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SCIENTIFIC REPORT

ABSORPTION BY CO_2 BETWEEN 5400 AND 6600 cm^{-1}

(1.6 Micron Region)

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AERONUTRONIC
DIVISION OF PHILCO CORPORATION
A SUBSIDIARY OF Ford Motor Company,
FORD ROAD/NEWPORT BEACH, CALIFORNIA

ABSTRACT

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The absorption by 28 different samples of CO_2 and $CO_2 + N_2$ in the 5400-6600 cm^{-1} (1.6 μ) region has been studied by the use of a spectrometer having a spectral resolution between approximately 0.5 and 1.3 cm^{-1}. Samples were contained in two different absorption cells; one having a maximum path of 933 meters and used at a maximum pressure of 2.5 atm. The other was used at paths as long as 32.9 meters and at pressures as high as 14.6 atm. Photographs of the spectra of all the samples as well as a table of transmittance versus wavenumber are included. Also presented is a table of integrated absorptance $\int_{\nu'}^{\nu} A(\nu)d\nu$ versus ν, where approximately 380 values are tabulated for the largest samples.

author

ACKNOWLEDGMENT

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The authors would like to acknowledge the assistance of Mr. Francis Gates who performed much of the work in getting the instruments assembled and in reducing the data. Dr. William S. Benedict of Johns Hopkins University made many worthwhile suggestions and is responsible for the identification of new absorption bands. Several helpful discussions with Drs. Louise Gray and Lewis Kaplan of Jet Propulsion Laboratory are also greatly appreciated.

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SECTION 1

INTRODUCTION AND SUMMARY

Most of the absorption by CO_2 in the 5400-6600 cm^{-1} region is due to four summation bands (06^01, 14^01, 22^01, and 30^01) and their associated difference bands. Besides these bands, there are a few others which are extremely weak and are not observable except for very large samples. But, although they are very weak, they may produce most of the absorption over a few small intervals.

At present there is particular interest in these CO_2 bands because a detailed knowledge of them is important in the investigation of the atmospheres of Mars and Venus. This wavenumber region is useful since it is relatively free of absorption by other gases which occur in the earth's atmosphere; therefore, spectra of the planets can be obtained from ground level. Furthermore, the CO_2 bands are sufficiently weak that the absorption of the radiation as it passes through the earth's atmosphere is small and can be accounted for.

Howard, Burch and Williams[1] have made some quantitative measurements on the absorption in this region, but the use of their data is limited by the relatively low spectral resolution. Courtoy[2] has measured the positions of several hundred absorption lines with very good accuracy and has identified many bands which had not been observed previously; but only limited information about the amount of absorption by a given sample can be obtained from these results. Kuiper[3] has also investigated the absorption by large samples; but his measurements were made with only moderate resolution and with samples at pressures of several atmospheres.

Because of the limitations of the previous work, there was still need for data on samples covering wide ranges of pressure and absorber thickness and with resolution sufficiently good that at least some lines from most of the bands could be resolved. The present investigation was undertaken for the purpose of obtaining these data. A long absorption cell with possible paths as great as 933 meters enabled us to study samples having very large absorber thickness at pressures which are not so great as to smooth out the structure in the band. Because of the long paths, we were able to observe and identify five new CO_2 bands in this region which have not been reported previously.

A shorter cell was also used to investigate samples at higher pressures in order that band strengths could be measured easily. The strengths of the more important bands were determined and the results are tabulated in Section 3. The widths of many of the lines can also be determined from "curves of growth" of the average absorptance over relatively narrow intervals. Once the strengths and widths of the lines have been found, the absorptance at any wavenumber can be calculated for a great variety of samples, even though they may be non-uniform in temperature and pressure.

Spectra of 28 samples with pressures ranging from 0.02 to 14.6 atmospheres and with path lengths from 4 to 933 meters have been reproduced and digitized. The reproduced spectra are shown in Section 3, and a table of transmittance $T(\nu)$ versus wavenumber ν is presented in Section 4. Section 5 contains a table of $\int_{\nu'}^{\nu} A(\nu)d\nu$, the integrated absorptance, versus ν. ν' is on the low wavenumber side of the region considered for a given sample, and the tabulations are made for approximately 380 different values of ν for the largest samples.

SECTION 2

EXPERIMENTAL METHODS

2.1 GAS SAMPLING

Samples of CO_2 and $CO_2 + N_2$ were contained in two different absorption cells which have been described previously.[4] The longer cell has a base length of approximately 30 meters and was used at as many as 32 passes, giving a total path length of 933 meters. It is approximately 0.9 meters in diameter and can be evacuated to less than 1 micron of Hg or pressurized to as much as 2.5 atmospheres. The shorter cell has a base length of approximately 1 meter and was used at as many as 32 passes. It can be evacuated or pressurized to as much as 15 atmospheres.

The CO_2 was drawn from the vapor in a dewar which contained both liquid and vapor maintained at a temperature less than about $-20^{\circ}C$ by a relief valve which kept the pressure from exceeding 300 psig. We found that there was considerably less H_2O in samples drawn from the vapor over the liquid rather than from the liquid. The H_2O content was also much lower than in samples obtained from commercial cylinders at room temperature. The amount of H_2O in the N_2 was much less than that in the CO_2, and it was not necessary to take extreme care to reduce the amount of H_2O put into the sample with the N_2. It was drawn off as a liquid into a heat exchanger where it evaporated and entered the cell.

$CO_2 + N_2$ mixtures were mixed in the cell. CO_2 was introduced to the desired pressure; N_2 was then added and mixed by fans inside the absorption cells. No attempt was made to change the relative abundances of the different isotopes of C or O in the samples studied. It is probably safe to assume that the natural abundances of these isotopes were present (C^{12}, 98.9%; C^{13}, 1.1%; O^{16}, 99.76%; O^{17}, 0.04%; O^{18}, 0.20%). Some results discussed in a previous report[5] indicate that the abundance of C^{13} was, in fact, about 1.1%. No check was made on the isotopes of O.

Sample pressures less than approximately 0.06 atm were measured with a U-tube oil manometer, and those in the range $0.06 < P < 2$ atm with a U-tube Hg manometer. All pressures > 2 atm were measured with a bourbon-type gauge. For all except the lowest pressures used, the errors arising from the uncertainty in the pressure measurements are probably negligible.

Since CO_2 varies significantly from a perfect gas at some of the higher pressures used in this investigation, it was necessary to account for the Van der Waals' forces giving rise to the deviation from a perfect gas. In calculating the absorber thickness u, the following equation was used:

$$u = W\ p\ L\,\frac{273}{296}\ (\text{atm cm})_{STP}. \tag{2-1}$$

L is the geometrical path length in centimeters,
p is the partial pressure of CO_2 in atmospheres,
273/296 accounts for the difference in density between standard temperature and room temperature at which the measurements were made.
W is a correction term which accounts for the Van der Waals' forces in CO_2 and is given adequately for the pressures used in this investigation by

$$W = 1.00 + 0.0047\ p. \tag{2-2}$$

In order to relate the pressure of a sample to the half-width of the absorption lines, it is necessary to account for the different broadening abilities of CO_2 and N_2 when dealing with mixtures of these two gases. Burch, Gryvnak and Williams[6] have used an equivalent pressure P_e given by

$$P_e = 1.3\ p + (P - p), \tag{2-3}$$

where P is the total pressure. It is noted that the equivalent pressure approaches the total pressure for a very dilute mixture of CO_2 in N_2, which is a good approximation to the earth's atmosphere.

Since the simple classical theory predicts that the half-width of a line is proportional to the density of molecules, Equation (2-3) should probably be modified to account for the non-linearity between the density of CO_2 and its partial pressure. No correction is necessary for N_2 since it behaves much more like a perfect gas. The adjustment was made in the following way:

$$P_e = 1.3\ W\ p + (P-p). \tag{2-3'}$$

The self-broadening factor 1.3 is not valid in all portions of the spectrum. But in a detailed study of the shapes of collision-broadened lines which will be described in a separate report,[7] we found that it is satisfactory in regions where most of the absorption is due to lines whose centers are a few tenths of a cm^{-1} away. Therefore, it probably can be used throughout most of the region covered by this report. However, it should be considerably greater in a region such as that between 7100 cm^{-1} and the head of the $00^{0}3$ band at approximately 6990 cm^{-1} where the absorption is due to the wings of lines whose centers are several cm^{-1} away.[5] The difference in the self-broadening factor arises from the fact that the shape of the extreme wings of a self-broadened line is quite different from that of a nitrogen-broadened line.

2.2 RECORDING AND CALIBRATION OF SPECTRA

The spectra were obtained with an Ebert-type spectrometer whose main mirror has a 75 cm focal length. It utilized a small grating having a ruled area 64 x 64 mm with 600 lines/mm and blazed at 1.6 microns. The grating was used in the first order and a Si filter eliminated overlapping orders of shorter wavelength. A PbS cell cooled with liquid nitrogen was used as the detector. It was not necessary to cool the detector below dry ice temperature for operation in this wavelength region, but the dewar was designed to hold the liquid nitrogen for use at longer wavelengths. Cooling by liquid nitrogen was, therefore, more convenient and was used since the signal-to-noise ratio was approximately the same at both temperatures.

The spectrometer is "home made" and was contained in a tank which could be evacuated to essentially eliminate absorption due to atmospheric gases outside of the absorption cell. The spectrometer tank, as well as another tank containing the radiation source and chopper, were connected to the absorption cell by means of flexible bellows so that all of the optical path external to the absorption cell could be evacuated.

Three different resolution schedules were used in recording the spectra: the approximate spectral slitwidths for each schedule at three different wavenumbers are given in Table 2-1.

TABLE 2-1

RESOLUTION SCHEDULES

ν (cm^{-1})	Spectral Slitwidth (cm^{-1}) Schedule A	Schedule B	Schedule C
5900	0.49	0.78	1.07
6200	0.55	0.88	1.22
6500	0.61	0.97	1.35

Resolution Schedule A was used in a few regions of the spectrum to resolve closely spaced lines; but because of the small signal available while using this schedule, considerable time was required to scan even a short spectrum. Therefore, B, which represents a compromise between resolution and scanning time, was used for the majority of the data. Schedule C was used for some spectra of samples at several (32) passes of the absorption cell for which the signal was low. The schedule used for each spectrum is listed in Table 3-2.

CO_2 and CH_4 lines whose positions are well known, or could be calculated, were used for the wavenumber calibration of the spectra. The calibration lines are separated by an average of about 10 cm^{-1}, which is sufficiently close that the spectrum could be assumed to be linear between them. All the lines used for calibration between 5800 and 6600 cm^{-1} are listed in Table 3-3 , and their positions are shown on the spectra in Section 3. The calibration lines used between 5500 and 5700 cm^{-1} are shown in Fig. 3-1.

Background curves were obtained with the absorption cell evacuated for each number of passes for which sample spectra were obtained. The background curves were different for different numbers of passes since the reflectivity of the mirrors in the multiple-pass optics varies with wavenumber. The appropriate background curve, which represents 100 percent transmittance, was then fitted to each spectrum and traced on it. All the sample spectra extended beyond the region of absorption on both ends of the band so that dependable "tie-points" between a spectrum and its background could be established. The transmittance was determined from the ratio of the deflection of the sample spectrum to that of the background curve at the same wavenumber.

Each spectrum was examined and compared with others as a check for consistency. Small changes were made to account for H_2O absorption. The corrections could be made reasonably accurately by comparing the spectra with those of $H_2O + N_2$ samples at the proper path lengths and pressures. The corrected spectra were then replotted and are shown in Section 3. As each spectrum was being replotted, pairs of values related to transmittance and wavenumber were punched on IBM cards which served as input for a computer program used to calculate transmittance and integrated absorptance as a function of wavenumber.

SECTION 3

DISCUSSION OF ABSORPTION BANDS

3.1 IDENTIFICATION AND FEATURES OF THE ABSORPTION BANDS

All of the CO_2 bands which one might expect to produce appreciable absorption in the region from 5400 to 6600 cm^{-1} are listed in Table 3-1. The positions of the band centers of most of the bands are taken from Courtoy,[2] while centers of the others were calculated from energy levels tabulated by Stull, Wyatt and Plass.[8] In the notation for the transitions the lower level is omitted when it is $00^0 0$. There are probably other very weak bands in this region, particularly some from transitions from higher energy levels, which could be observed with better resolution and long paths. However, their contribution is certainly small at room temperature or below. The bands listed are limited to those observed by Courtoy[2] plus those we observed and were able to identify with reasonable certainty.

With the exception of five of the weaker bands listed, all those in this region arise from transitions in which there is a change of one in v_3, the quantum number associated with ν_3 ($\Delta v_3 = 1$). Since for CO_2, $\nu_1 \cong 2\nu_2$, all bands for which $2\Delta v_1 + \Delta v_2$ is constant occur close to each other if Δv_3 is the same. $2\Delta v_1 + \Delta v_2 = 6$ for all the bands listed in Table 3-1 having $\Delta v_3 = 1$. Since ν_1 is not exactly equal to $2\nu_2$, but slightly larger, the bands having the largest change in v_1 occur at slightly higher frequencies. $\nu_1 = 1388.2$ and $\nu_2 = 667.4$ for $C^{12}O_2^{16}$.

TABLE 3-1

CO_2 BANDS BETWEEN 5500 and 6600 cm^{-1}

Band Center cm^{-1}	Transition	Species
5584.28[a]	$00^03 \leftarrow 10^00$	12, 16, 16[b]
5687.05[a]	$00^03 \leftarrow 02^00$	12, 16, 16
5857.59[a]	02^02	12, 16, 18
5951.53	06^01	13, 16, 16
5959.57[a]	10^02	12, 16, 18
6020.75	$07^11 \leftarrow 01^10$	12, 16, 16
6075.93	06^01	12, 16, 16
6088.16	$15^11 \leftarrow 01^10$	13, 16, 16
6119.56	14^01	13, 16, 16
6196.12	$15^11 \leftarrow 01^10$	12, 16, 16
6227.88	14^01	12, 16, 16
6241.93	22^01	13, 16, 16
6243.54	$23^11 \leftarrow 01^10$	13, 16, 16
6308.15	$24^01 \leftarrow 02^00$	12, 16, 16
6347.81	22^01	12, 16, 16
6356.25	$23^11 \leftarrow 01^10$	12, 16, 16
6363.58	30^01	13, 16, 16
6397.51	$31^11 \leftarrow 01^10$	13, 16, 16
6503.05	30^01	12, 16, 16
6536.43	$31^11 \leftarrow 01^10$	12, 16, 16
6538.03[a]	03^12	12, 16, 16

[a] To the knowledge of the authors, these bands have not been observed previously; band centers were calculated from energy levels tabulated by Stull, Wyatt and Plass.[8] Centers for all other bands are taken from Courtoy.[2]

[b] Numbers represent isotopes of C, O, and O, respectively.

Because of anharmonicity, a combination or fundamental band usually occurs at a slightly higher wavenumber than its associated difference band which arises from a transition from an excited state with the changes in all three quantum numbers the same. However, the displacement of the bands varies from one band to another, depending on Fermi resonance. It can be seen that the $30^{0}1$ and $22^{0}1$ bands occur at lower wavenumbers than their associated difference bands arising from transitions from the $01^{1}0$ state. However, as more frequently occurs, the opposite is true for the $14^{0}1$ and $06^{0}1$ bands.

The $02^{0}2$ and $10^{0}2$ bands of $C^{12}O^{16}O^{18}$ are forbidden for $C^{12}O_2^{16}$; but they appear because of the asymmetry of the $C^{12}O^{16}O^{18}$ molecule. The $00^{0}3 \leftarrow 10^{0}0$ and the $00^{0}3 \leftarrow 02^{0}0$ bands occur near each other since the upper level is common and $2\Delta v_1 + \Delta v_2$ is the same for both bands. A replotted spectrum of these bands is shown in Figure 3-1; it was recorded for the largest sample studied.

A replotted spectrum of the region from approximately 5800 to 6600 cm^{-1} is shown in Figure 3-2 for the same sample. The positions of the centers of many of the bands are indicated. Spectra of the remainder of the samples are shown in Figures 3-3 through 3-6 and 3-7 through 3-10 for the spectral regions 5900 to 6275 cm^{-1} and 6275 to 6600 cm^{-1}, respectively. The numbers appearing in rectangles are the numbers assigned to the samples which are described in Table 3-2, the table of sample parameters.

The other numbers appearing in some of the spectra refer to the lines used in the wavenumber calibration. The positions of these lines are given in Table 3-3.

Portions of the spectra of some of the samples for which the absorption $A(\nu)$ was very small have been omitted. The spectra were "nested" in order to conserve space, and no attempt was made to put them in any particular order.

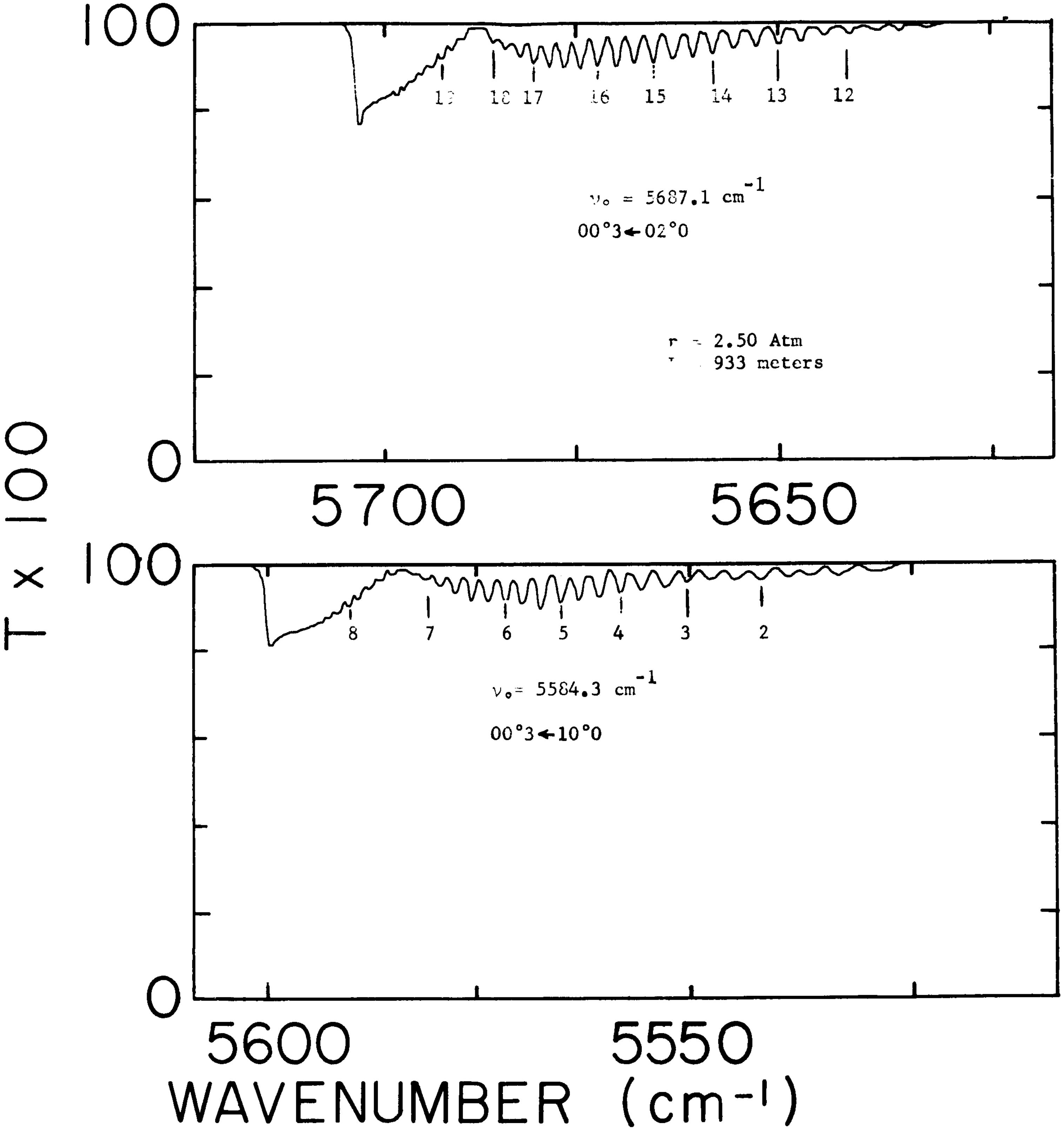

FIGURE 3-1 SPECTRUM OF THE 00°3←02°0 AND 00°3←10°0 BANDS FOR SAMPLE 1 IN THE REGION BETWEEN 5450 AND 5710 cm^{-1}.

The lines that are numbered were used in calibration and their wavenumber positions (cm^{-1}) are;

1	5507.8 (H_2O)	6	5571.7	11	5621.6 (H_2O)	16	5672.3
2	5541.8	7	5581.1	12	5641.1	17	5680.3
3	5550.2	8	5590.5	13	5649.8	18	5685.5
4	5558.1	9	5602.8 (H_2O)	14	5658.1	19	5692.0
5	5565.2	10	5614.0 (H_2O)	15	5665.5		

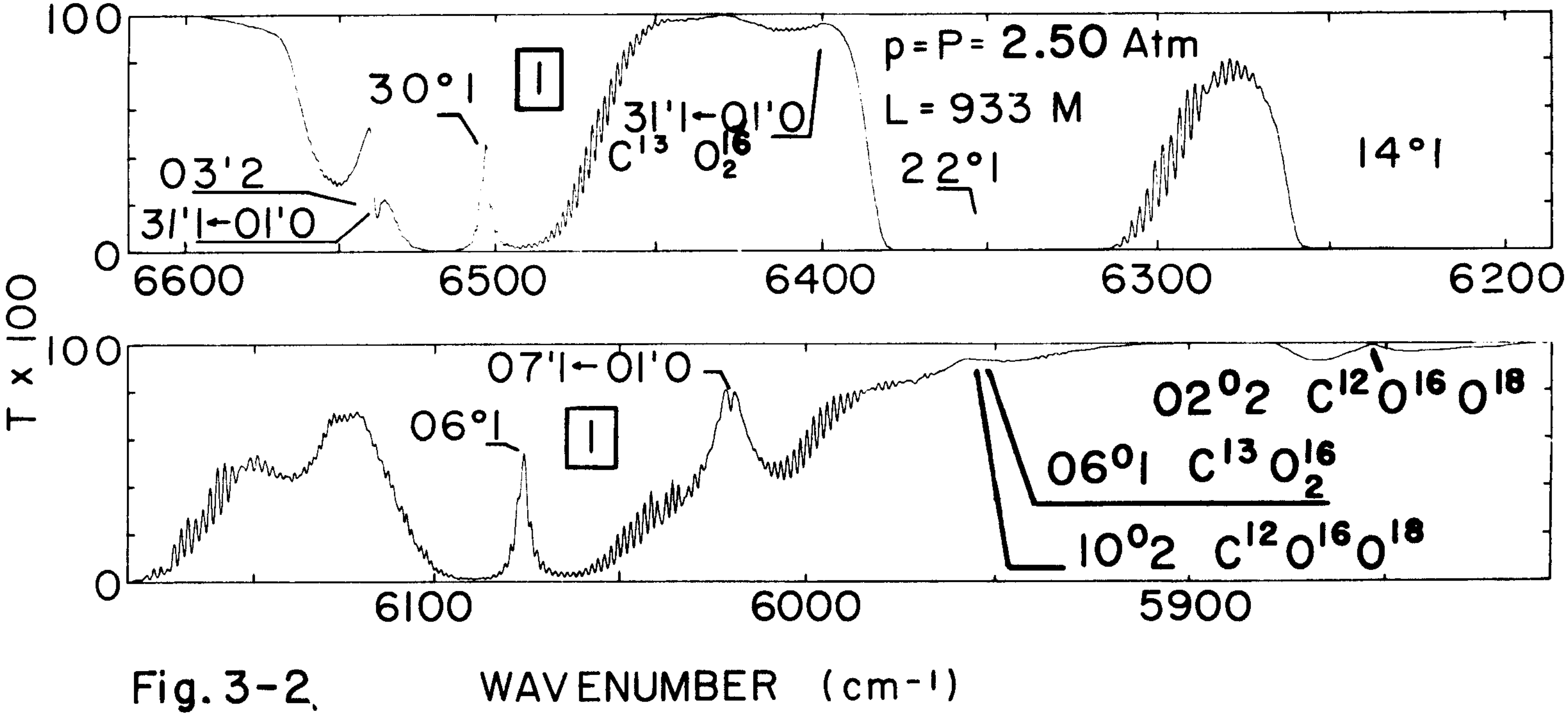

Fig. 3-2

FIGURE 3-2 SPECTRUM OF THE 5800 - 6600 cm^{-1} REGION

The centers of several of the bands are indicated. The species is $C^{12}O_2^{16}$ when it is not indicated.

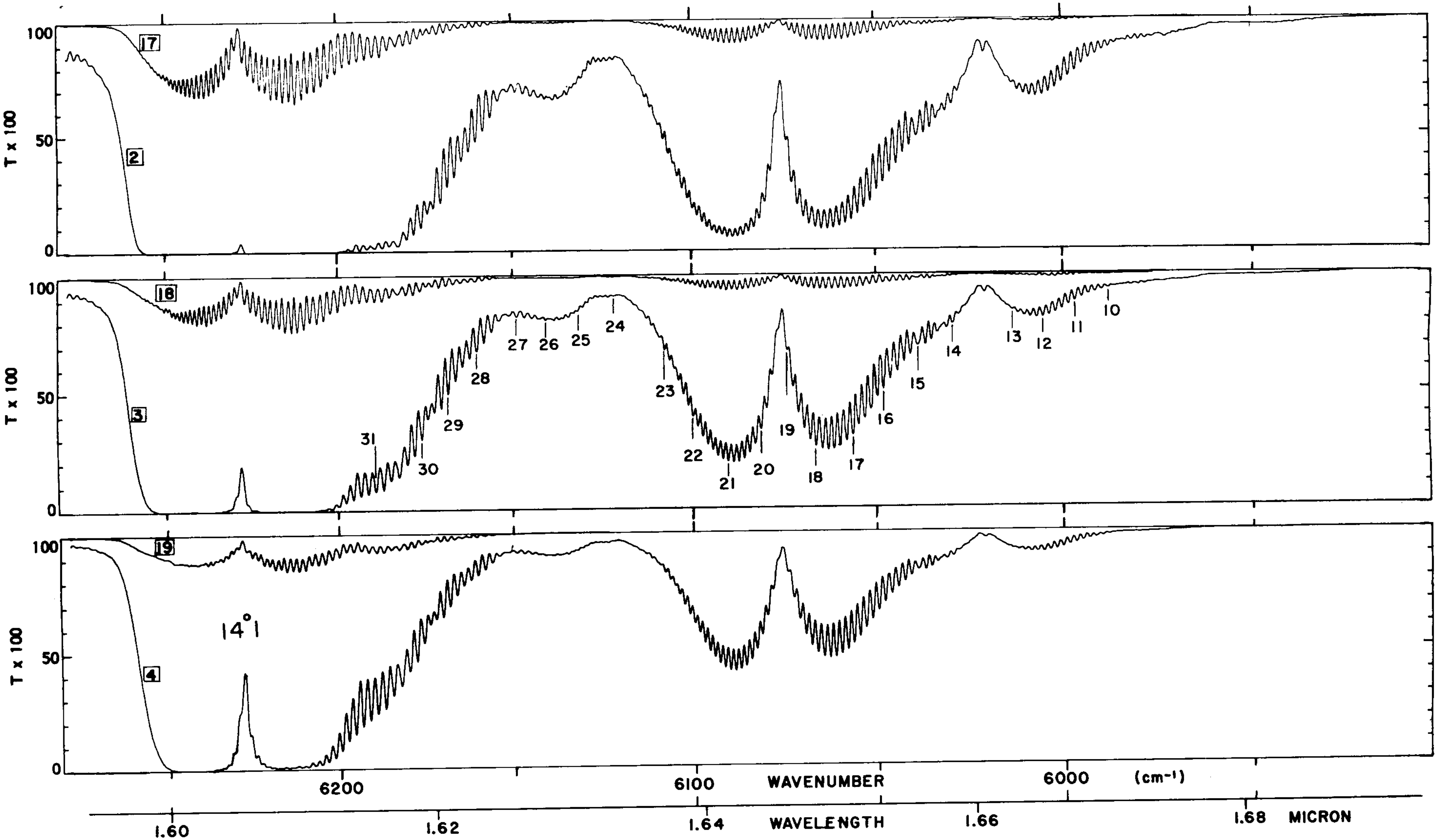
100
50
0
T x 100
17
2
18
3
19
4
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
14°1
6200
6100
6000
WAVENUMBER
(cm⁻¹)
1.60
1.62
1.64
1.66
1.68
WAVELENGTH
MICRON

Fig. 3-3

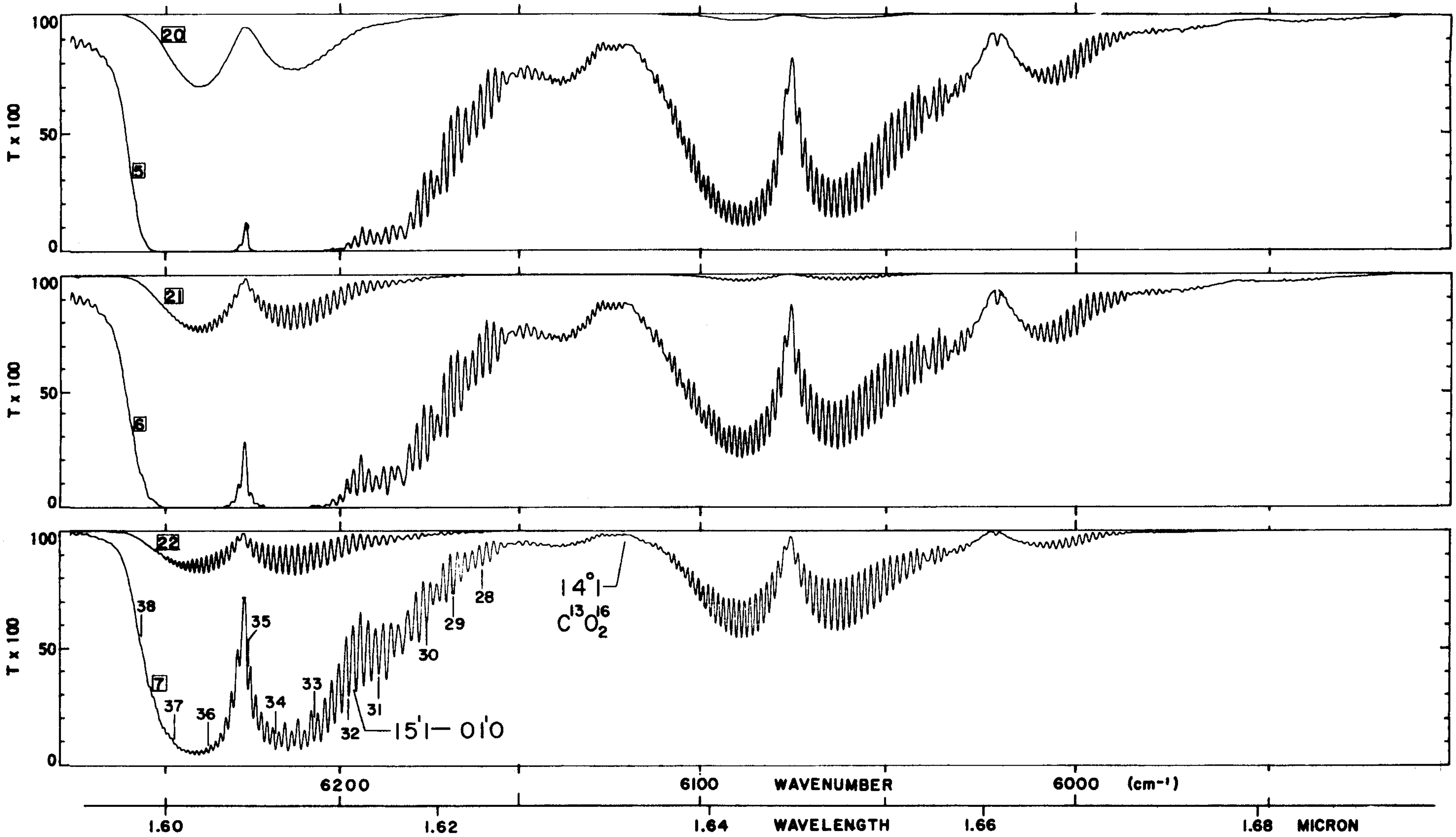
100
50
0
T x 100
20
5
21
6
22
7
38
37
36
35
34
33
32
31
30
29
28
$15^1 1-01^1 0$
$14^0 1$
$C^{13}O^{16}_2$
6200
6100
WAVENUMBER
6000
(cm⁻¹)
1.60
1.62
1.64
WAVELENGTH
1.66
1.68
MICRON

Fig. 3-4

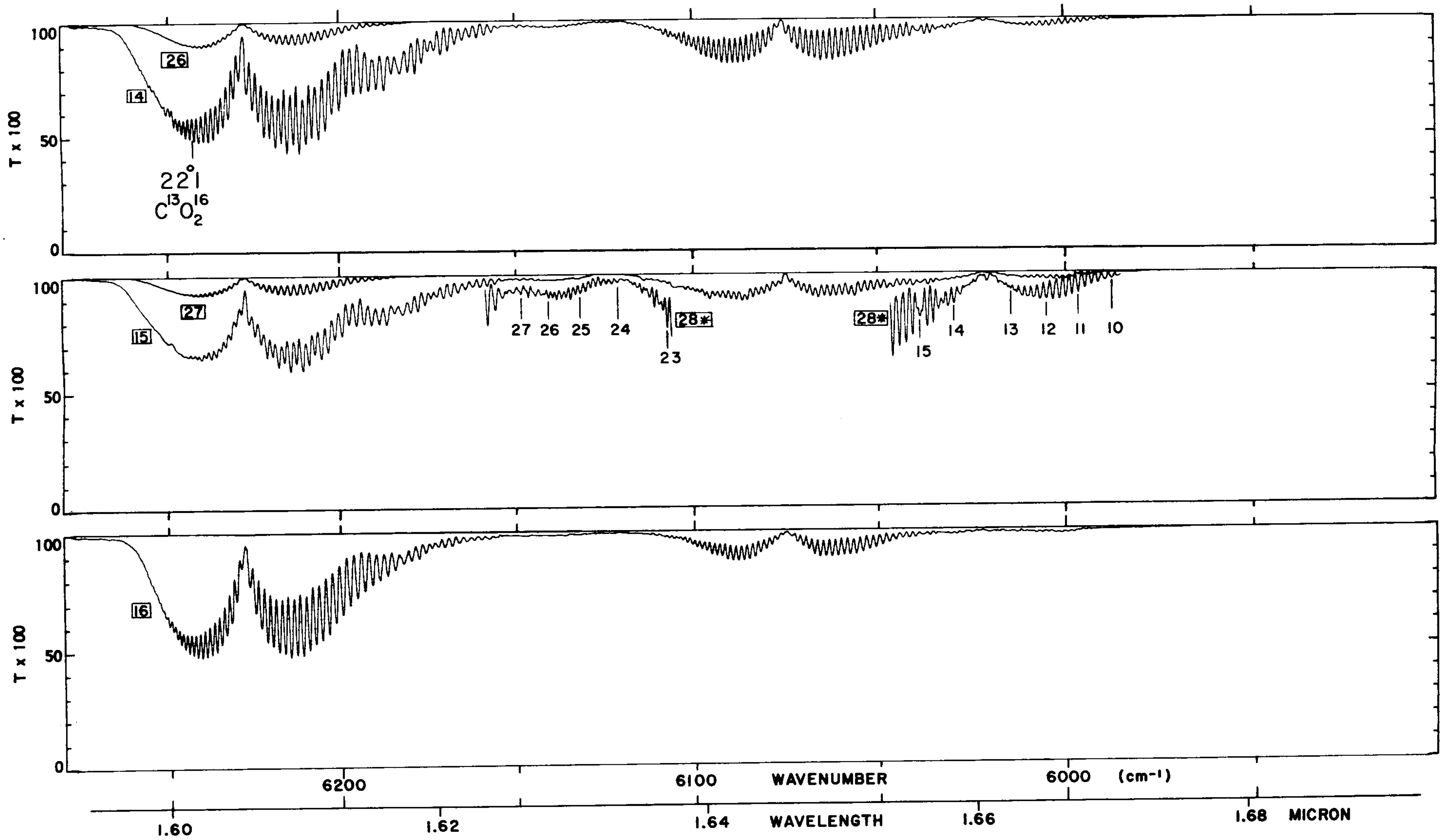
100
50
0
T x 100
26
14
22°1
$C^{13}O_2^{16}$
27
15
27 26 25 24
23
28*
28*
15
14
13 12 11 10
16
6200
6100
6000
WAVENUMBER
(cm-1)
1.60
1.62
1.64
1.66
1.68
WAVELENGTH
MICRON

Fig. 3-5

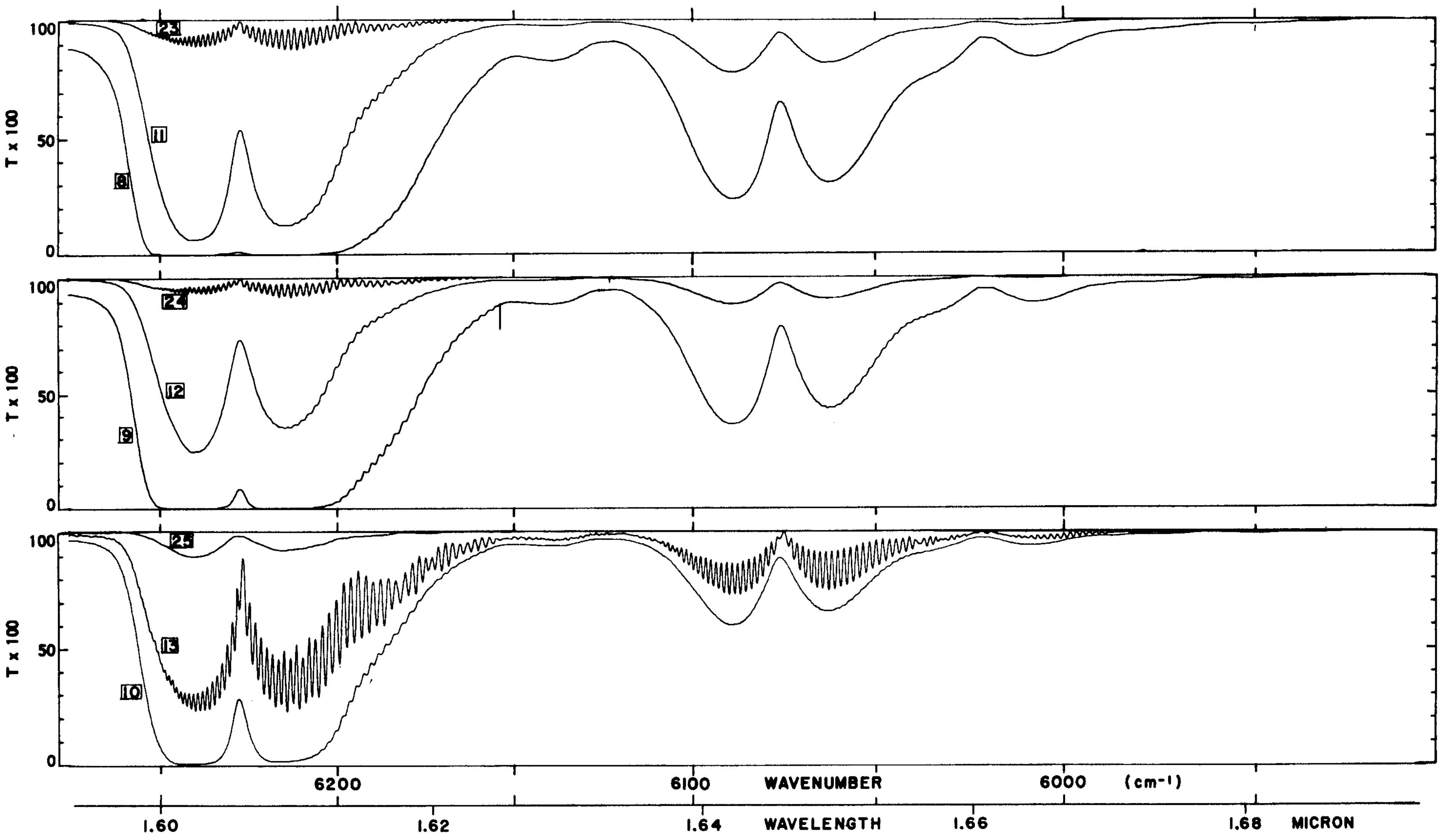
T x 100
100
50
0
23
11
8
24
12
9
25
13
10
6200
6100
6000
WAVENUMBER (cm-1)
1.60
1.62
1.64
1.66
1.68
WAVELENGTH MICRON

Fig. 3-6

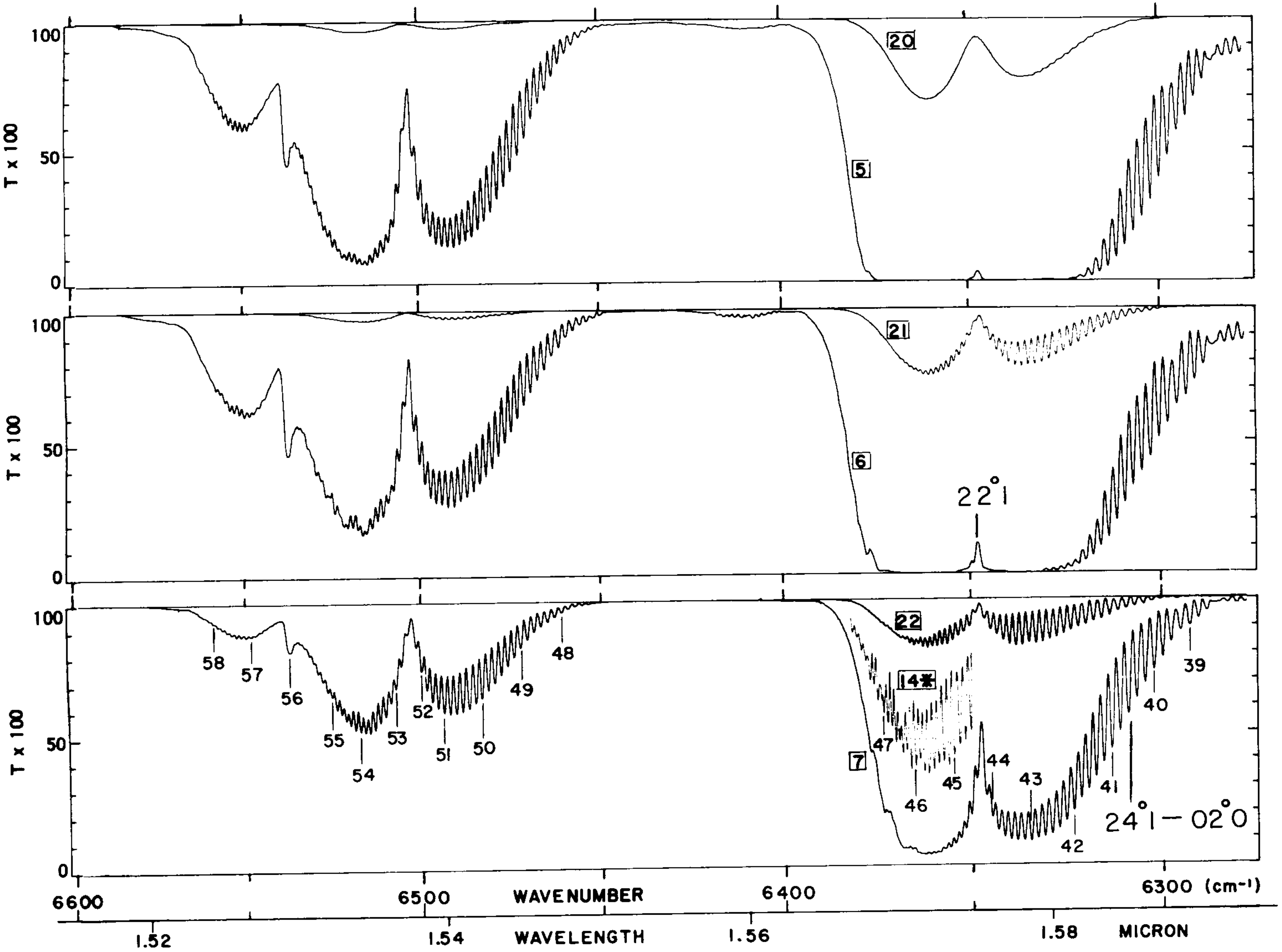
T x 100
100
50
0
20
5
21
6
22°1
22
14*
7
58
57
56
55
54
53
52
51
50
49
48
47
46
45
44
43
42
41
40
39
24°1 — 02°0
6600
6500
6400
6300 (cm⁻¹)
WAVENUMBER
1.52
1.54
1.56
1.58
WAVELENGTH
MICRON

Fig.3-7

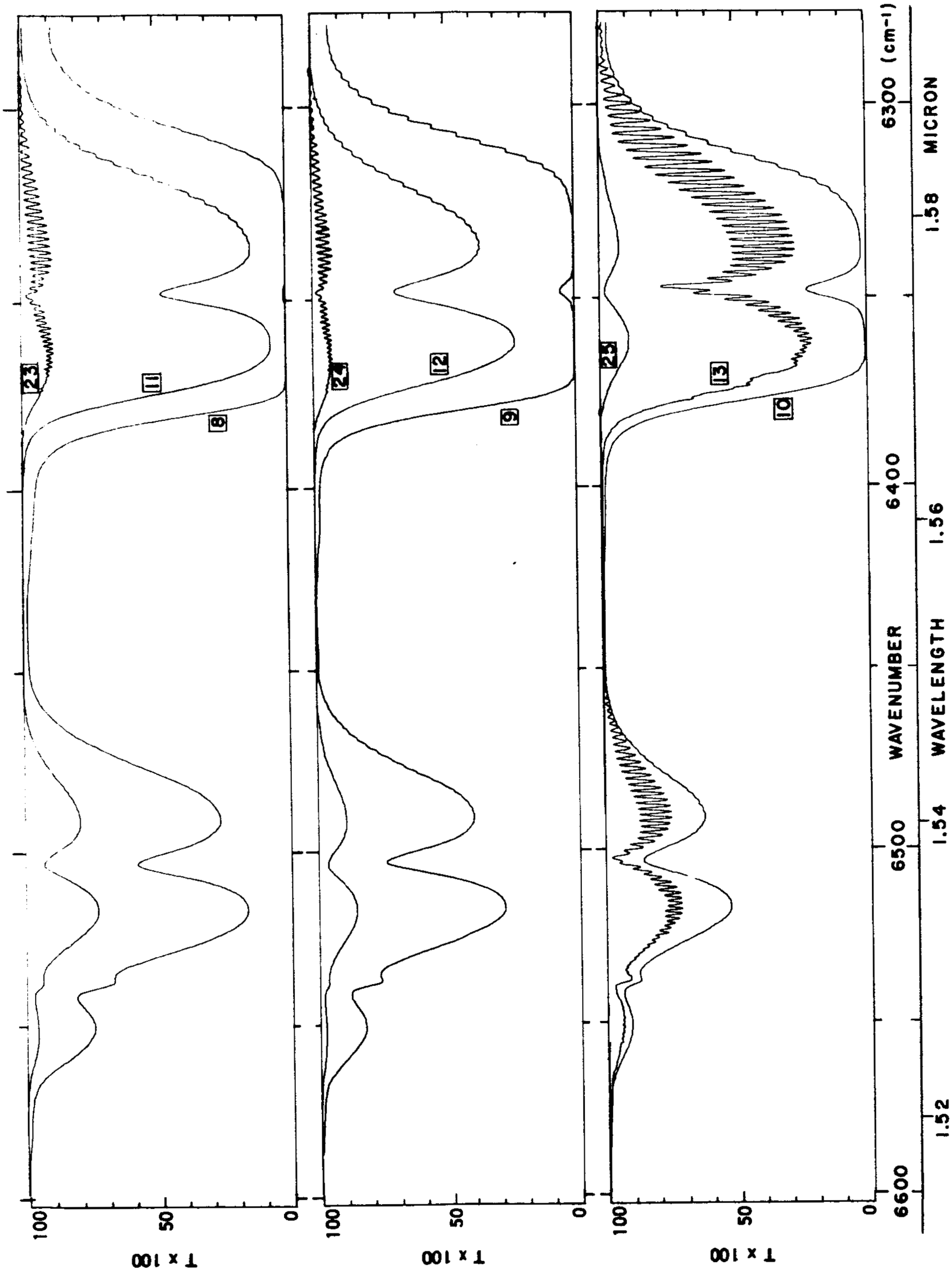
23
11
8
24
12
9
25
13
10
100
50
0
T x 100
T x 100
T x 100
6600
6500
6400
6300 (cm-1)
WAVENUMBER
1.52
1.54
1.56
1.58
WAVELENGTH
MICRON

Fig.3-8

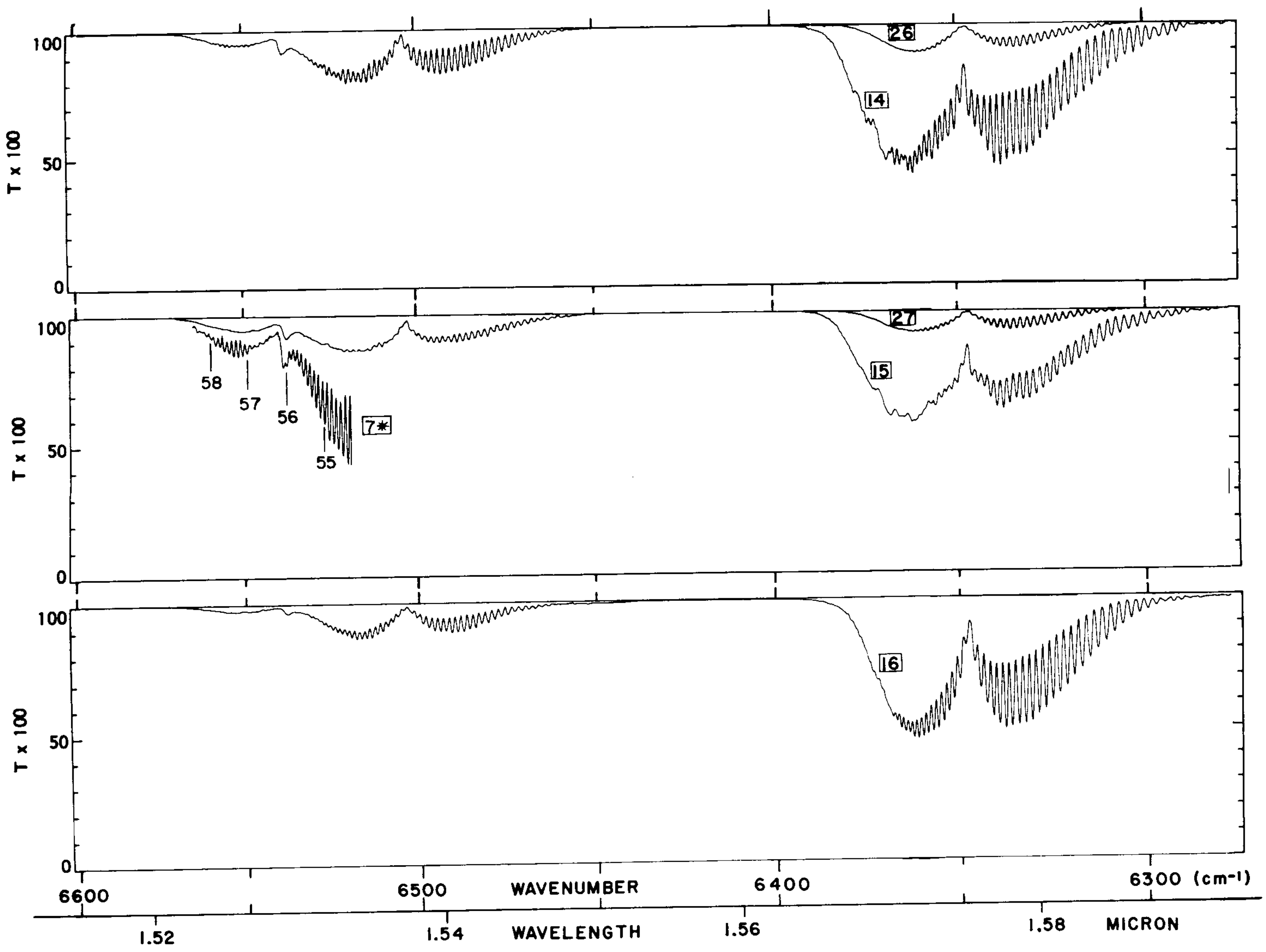
100
50
0
T x 100
26
14
27
15
58
57
56
55
7*
16
6600
6500
6400
6300 (cm-1)
WAVENUMBER
1.52
1.54
1.56
1.58
WAVELENGTH
MICRON

Fig.3-9

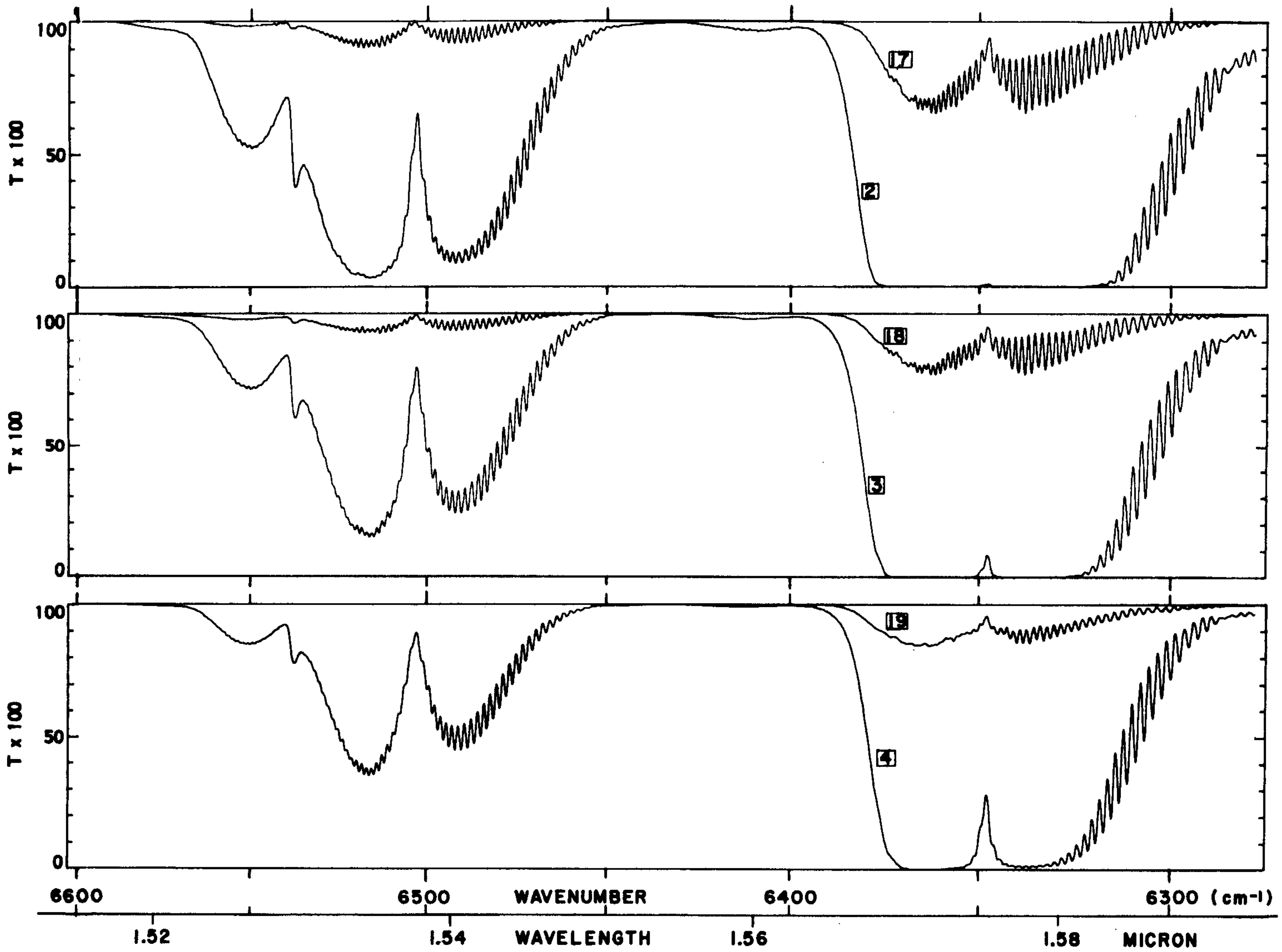
T x 100
100
50
0
17
2
18
3
19
4
6600
6500
WAVENUMBER
6400
6300 (cm-1)
1.52
1.54
WAVELENGTH
1.56
1.58
MICRON

Fig. 3-10

Table 3-2

SAMPLE PARAMETERS

Sam. No.	p torr	P torr	P_e torr	p atm	P atm	P_e atm
1	1,900	1,900	2,500	2.50	2.50	3.29
2	1,920	1,920	2,520	2.53	2.53	3.32
3	1,920	1,920	2,520	2.53	2.53	3.32
4	1,900	1,900	2,500	2.50	2.50	3.29
5	1,522	1,522	1,995	2.00	2.00	2.62
6	760	760	992	1.000	1.000	1.31
7	760	760	992	1.000	1.000	1.31
7*	760	760	992	1.000	1.000	1.31
8	11,100	11,100	15,500	14.6	14.6	20.3
9	7,600	7,600	10,300	10.00	10.00	13.6
10	7.600	7,600	10,300	10.00	10.00	13.6
11	7,600	7,600	10,300	10.00	10.00	13.6
12	7,600	7,600	10,300	10.00	10.00	13.6
13	175	707	759	0.230	0.930	0.999
14	175	175	228	0.230	0.230	0.300
14*	175	175	228	0.230	0.230	0.300
15	88	88	114	0.116	0.116	0.150
16	58.5	743	761	0.0770	0.977	1.001
17	58.5	212	230	0.0770	0.279	0.303
18	58.5	58.5	76.1	0.0770	0.0770	0.1001
19	29.4	29.4	38.2	0.0387	0.0387	0.0503
20	506	9,800	9,960	0.665	12.9	13.1
21	506	506	659	0.665	0.665	0.865
22	17.8	223	228	0.0234	0.293	0.300
23	17.8	72	77.3	0.0234	0.0946	0.102
24	17.8	17.8	23.1	0.0234	0.0234	0.0304
25	165	9,800	9,850	0.217	12.9	13.0
26	165	710	760	0.217	0.934	1.000
27	165	165	214	0.217	0.217	0.283
28*	1,083	1,083	1,410	1.43	1.43	1.86

*These spectra were obtained with higher resolution for calibration purposes. No calculations were made for the transmittance and integral tables.

Table 3-2 (Cont'd)

Sam. No.	L Path m	u atm cm STP	Res. Sch.	Pages on which spectra appear	
				6600-6275 cm^{-1}	6275-5900 cm^{-1}
1	933	217,000	B	3-5	3-5
2	469	110,000	B	3-13	3-6
3	237	55,700	B	3-13	3-6
4	121	28,000	B	3-13	3-6
5	469	87,100	B	3-10	3-7
6	933	86,200	B	3-10	3-7
7	237	21,900	B	3-10	3-7
7*	237	21,900	A	3-12	
8	32.9	47,300	B	3-11	3-9
9	32.9	31,600	B	3-11	3-9
10	16.5	15,900	B	3-11	3-9
11	8.26	7,930	B	3-11	3-9
12	4.16	3,990	B	3-11	3-9
13	469	9,940	B	3-11	3-9
14	469	9,940	B	3-12	3-8
14*	469	9,940	A	3-10	
15	933	9,940	C	3-12	3-8
16	469	3,320	B	3-12	3-8
17	469	3,320	B	3-13	3-6
18	469	3,320	B	3-13	3-6
19	933	3,320	C	3-13	3-6
20	16.5	1,010	B	3-10	3-7
21	16.5	1,010	B	3-10	3-7
22	469	1,010	B	3-10	3-7
23	469	1,010	B	3-11	3-9
24	469	1,010	B	3-11	3-9
25	16.5	330	B	3-11	3-9
26	16.5	330	B	3-12	3-8
27	16.5	330	B	3-12	3-8
28*	237	31,300	A		3-8

Table 3-3

CALIBRATION LINES BETWEEN 5800 AND 6600 cm^{-1}.

Line No.	ν cm^{-1}	Line No.	ν cm^{-1}	Line No.	ν cm^{-1}
1	5891.3 M	21	6090.2	41	6313.0
2	5903.3 M	22	6100.1	42	6323.1
3	5915.1 M	23	6107.9	43	6334.4
4	5926.5 M	24	6121.9	44	6344.6
5	5938.1 M	25	6132.0	45	6354.5
6	5949.5 M	26	6141.1	46	6364.9
7	5960.8 M	27	6149.1	47	6373.4
8	5972.1 M	28	6160.2	48	6460.9
9	5983.1 M	29	6168.3	49	6472.3
10	5987.5	30	6175.8	50	6483.1
11	5996.4	31	6189.0	51	6493.4
12	6004.7	32	6197.4	52	6499.9
13	6014.4	33	6207.2	53	6506.9
14	6029.5	34	6218.1	54	6517.0
15	6038.9	35	6226.3	55	6525.1
16	6047.8	36	6237.4	56	6537.0
17	6056.5	37	6247.4	57	6547.9
18	6066.4	38	6256.4	58	6558.6
19	6074.4	39	6293.0		
20	6081.3	40	6302.1		

[M] The calibration lines designated with an M are CH_4 lines whose wavenumbers are taken from Mohler.[9] The remaining lines are CO_2 with wavenumbers taken from Courtoy.[2]

3.2 BAND STRENGTHS

The strength, or intensity, of an absorption band is given by

$$S_v = \int K(\nu)d\nu, \tag{3-1}$$

where the integration is performed over all ν for which there is appreciable absorption. $K(\nu)$, the absorption coefficient, is defined in terms of $T'(\nu)$, the true transmittance which would be observed with infinite resolving power, by

$$T'(\nu) = \exp\left[- u\ K(\nu) \right], \text{ or } -\ln T'(\nu) = u\ K(\nu). \tag{3-2}$$

Of course, if more than one band contributes to the absorption at a given wavenumber, $K(\nu)$ used in Equation (3-1) must include only the portion due to the band whose strength is being determined. The method used to estimate the contributions of each band in overlapping regions is described below.

The strengths of the bands included in this report are essentially independent of pressure over the range of pressures used. However, as the pressure is increased the lines are broadened until at 14.6 atm., the maximum pressure used, the half-widths are of the order of 1 to 1.5 cm^{-1}, which is less than the spectral slitwidth used in obtaining most of the spectra. Consequently, the observed transmittance $T(\nu)$ is very nearly the true transmittance $T'(\nu)$. By equating these two quantities and combining Equations (3-1) and (3-2), we obtain

$$S_v = -\frac{1}{u} \int \ln T(\nu)d\nu. \tag{3-3}$$

Equation (3-3) was used to determine the strengths of the stronger bands listed in Table 3-1 from spectra of samples at pressures greater than about 10 atmospheres. At these pressures, $T(\nu) \cong T'(\nu)$ and Equation (3-3) can be used, provided $T(\nu)$ is not too small, in which case the integral gets very large. Of course, the measurements cannot be made very accurately from spectra in which $A(\nu) \equiv 1 - T(\nu)$ is too small because of the large uncertainty arising from noise or misplacement of the background curve. For small $A(\nu)$, $-\ln T(\nu) \cong A(\nu)$. When possible, spectra were chosen so that $0.3 \leq T(\nu) \leq 0.9$ over most of the band. It was not possible to use samples with sufficiently large absorber thickness in the shorter absorption cell to produce more than a few percent absorptance by the very weak bands. Therefore, the strengths of these bands were necessarily determined from spectra of samples contained in the longer absorption cell, although its maximum pressure is 2.5 atmospheres.

At this pressure $T'(\nu)$ may be quite different from $T(\nu)$; but Equation (3-3) can still be used, provided $A(\nu)$ is small. A discussion of the limitations of Equation (3-3) when dealing with samples at relatively low pressures is given in Reference 5.

For $\Sigma \leftarrow \Sigma$ bands (quantum number $\ell = 0$) of CO_2, the strength S_m of a given line within a band is related to the band strength S_v by

$$S_m = S_v \; |m| \; \exp -\left[\frac{B'' \; m(m-1)}{k\theta}\right] \Big/ Q_r \tag{3-4}$$

$m = J + 1$ for the R-branch and $-J$ for the P-branch. B'' is the rotational constant of the lower state, k is Boltzmann's constant, θ is the temperature, and Q_r is the rotational partition function. The Q-branch is missing in $\Sigma \leftarrow \Sigma$ bands, and contains only about one percent of the strength of $\Pi \leftarrow \Pi$ bands ($\ell = 1$ as in $15^1 1 \leftarrow 01^1 0$). Equation (3-4) also gives the strengths of lines in the P- and R-branches of $\Pi \leftarrow \Pi$ bands. Gray and Selvidge[10] have tabulated values of partition functions and relative line strengths for different types of CO_2 bands at several temperatures.

According to quantum theory[11], the relative strength of a difference band $v_1, v_2{+}1^1, v_3 \leftarrow 0,1^1 0$ to its associated summation band v_1, v_2^0, v_3 is given by

$$\frac{S_v \; (v_1, v_2{+}1^1, v_3 \leftarrow 01^1 0)}{S_v \; (v_1, \; v_2^0, \; v_3)} = 2 \exp\left(-hc \; 667.4/k\theta\right) \tag{3-5}$$

$$= 0.078 \text{ for } \theta = 296^\circ K.$$

h is Planck's constant, c is the speed of light, and the factor 2 arises from the double degeneracy of the $01^1 0$ state. 667.4 cm^{-1} is the difference between energy levels $01^1 0$ and $00^0 0$.

Equation (3-5) also relates the strength of any difference band to its associated summation or fundamental band if the proper degeneracy factor is used and 667.4 is replaced by the difference between the energy level $00^0 0$ and the lower level for the difference band.

The strengths of several of the bands in this region are given in Table 3-4. From Equations (2-1) and (3-3), we see that the units of band strength are $\text{atm}^{-1} \text{ cm}^{-1}_{STP} \text{ cm}^{-1}$, with the STP referring to the absorber thickness and not to the temperature at which the measurement was made. All measurements were at room temperature near 296°K.

TABLE 3-4

BAND STRENGTHS

Band Center cm^{-1}	Transition	Species[a]	STRENGTH ($atm^{-1}\ cm^{-1}_{STP}\ cm^{-1}$) P-Branch	R-Branch	Entire Band
			(Multiply all numbers below by 10^{-4})		
5584.28	$00^{0}3 \leftarrow 10^{0}0$	12,16,16	0.10 ± 0.02	0.09 ± 0.01	0.19 ± 0.03
5687.05	$00^{0}3 \leftarrow 02^{0}0$	12,16,16	0.10 ± 0.02	0.10 ± 0.01	0.20 ± 0.03
5857.59	$02^{0}2$	12,16,18	0.046 ± 0.006	0.056 ± 0.006	0.102 ± 0.011
6075.93	$06^{0}1$	12,16,16	6.3 ± 0.5	7.0 ± 0.5	13.3 ± 1.0
6227.88	$14^{0}1$	12,16,16	56 ± 6	63 ± 3	119 ± 9
6347.81	$22^{0}1$	12,16,16	55 ± 4	63 ± 4	118 ± 8
6503.05	$30^{0}1$	12,16,16	6.5 ± 0.4	7.0 ± 0.4[b]	13.5 ± 0.8[b]

[a] Numbers denote isotopes of C, O, and O, respectively. The strengths are based on samples containing a mixture of all isotopic species, not just the one indicated.

[b] Strengths of R-branch and of entire band were calculated from measured strength of P-branch by assuming 48% of strength is in P-branch.

The strengths of the $00^03 \leftarrow 10^00$ and $00^03 \leftarrow 02^00$ bands were determined from the spectrum shown in Figure 3-1. There were a few H_2O lines in the region of the $00^03 \leftarrow 10^00$ band in the original spectrum because of the trace of H_2O impurity in the sample. The spectrum was modified to account for the H_2O before it was replotted and digitized. Possible errors in accounting for the H_2O absorption increase the uncertainty in the measurement of the strengths by a few percent. Since the average absorptance in the P-branch of these bands is smaller than in the R-branch, and since it is more difficult to determine the wavenumber beyond which there is significant absorption, the uncertainty in the measurements of the P-branch is greater than in the R-branch.

The 02^02 band of $C^{12}O^{16}O^{18}$ appears in a region which is free of absorption by other bands and its strength could be determined although it is much weaker than some of the other bands. The value given is based on the absorber thickness of the sample containing all the isotopes of C and O. If we assume that the sample contained the natural abundance (0.20%) of O^{18}, the strength should be multiplied by 500 to apply to a sample composed of $C^{12}O^{16}O^{18}$ molecules only. As was the case for the two bands mentioned in the previous paragraph, the uncertainty in the measurement of the P-branch was greater than that in the R-branch. The uncertainty is also relatively high because of the small absorptance by even the largest samples.

By summing the strengths given by Equation (3-4) for all the lines in the P- and R-branches, we see that approximately 48% of the strength is in the P-branch and 52% in the R-branch. We see that this agrees, within experimental error, with the results listed in Table 3-4. Results of measurements given in previous reports[4,5] by us tend to confirm the validity of this ratio of strength between the two branches $\Sigma \leftarrow \Sigma$ bands.

Portions of the 06^01 band of $C^{12}O_2^{16}$ are overlapped by lines of its associated difference band $07^11 \leftarrow 01^10$ as well as 14^01 and $15^11 \leftarrow 01^10$ bands of $C^{13}O_2^{16}$; therefore, it was not possible to determine the strength by merely integrating $-\ln(T\nu)$ over the region covered by the band. In order to account for the $07^11 \leftarrow 01^10$ band, we assumed that its strength was related to that of its associated summation band by Equation (3-5). We further assumed that the strength of each of the lines within this band was given by Equation (3-4) and calculated the contribution of those within the region of integration. The contribution of the two bands of $C^{13}O_2^{16}$ was small and was calculated by assuming that their strengths were related to the strengths of the same bands of $C^{12}O_2^{16}$ band by the ratio of the relative abundances of C^{13} and C^{12} (1.1:100).

The R-branch of the 14^01 band is essentially isolated from other bands; thus its strength could be determined with relatively good accuracy. In order to calculate the strength of the P-branch, the same technique was used to account for the contribution of the $15^11 \leftarrow 01^10$ band as was used for the 06^01 band. The same technique was also used to account for the small amount of absorption by the weaker bands which overlap the 22^01 band.

Only a small correction was required to account for the absorption by weak bands overlapping the P-branch of the 30^01 band. However, the R-branch of this band is overlapped by the 03^12 and the $31^11 \leftarrow 01^10$ bands. The contribution of the $31^11 \leftarrow 01^10$ band could be calculated by the use of Equation (3-5); but without spectra in which the resolution was sufficiently good to resolve the lines of the 03^12 band, its contribution would be difficult to determine. Therefore, the strength of the R-branch of the 30^01 band which is given in Table 3-4 was not determined directly from the spectra. It was obtained by assuming that the ratio of the strength of the R-branch to the P-branch (52/48) mentioned above is valid.

By using more sophisticated techniques and by making use of spectra having considerably better resolution, it would be possible to determine the strengths of more of the bands in this region. However, we have determined the strengths of the more important ones which produce a very large percentage of the absorption in this region.

SECTION 4

TABLE OF TRANSMITTANCES

Table 4-1 consists of values of transmittance, in percent, recorded at intervals of 0.2 cm^{-1} in the region from 5814 to 6604 cm^{-1}. The interval is sufficiently small that an original spectrum could be approximated very closely by plotting the tabulated values and joining the points with straight lines. The first column gives the wavenumber in cm^{-1}, and the second gives the corresponding wavelength in microns. The tables were made by photographing a portion of the computer output which was obtained from the spectra by the technique described in Appendix C of reference 4.

The CO_2 partial pressure p, the equivalent pressure P_e and the absorber thickness u are shown at the top of the column corresponding to each sample. The samples are designated by the same numbers as Table 3-2 and in the spectra in Section 3.

Values are not tabulated over regions of small, but observable, absorptance ($T \cong 1$) for some of the samples. The transmittance is probably greater than 0.98 or 0.99 for even the largest sample (No. 1) at all wavenumbers between 5400 and 6600 cm^{-1} not showing absorption in either Figure 3-1 or 3-2.

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Table 4-1

Sam. No.	1
p(atm)	2.50 × 10^0
P_e(atm)	3.29 × 10^0
u (atm cm) STP	2.17 × 10^5

ν (cm^{-1})	λ (micron)	T × 100
5814.0	1.71999	100.0
5814.2	1.71993	100.0
5814.4	1.71987	100.0
5814.6	1.71981	100.0
5814.8	1.71975	100.0
5815.0	1.71969	100.0
5815.2	1.71963	100.0
5815.4	1.71957	100.0
5815.6	1.71951	100.0
5815.8	1.71945	99.9
5816.0	1.71939	99.8
5816.2	1.71934	99.8
5816.4	1.71928	99.7
5816.6	1.71922	99.7
5816.8	1.71916	99.5
5817.0	1.71910	99.5
5817.2	1.71904	99.5
5817.4	1.71898	99.5
5817.6	1.71892	99.5
5817.8	1.71886	99.5
5818.0	1.71880	99.5
5818.2	1.71874	99.5
5818.4	1.71869	99.5
5818.6	1.71863	99.5
5818.8	1.71857	99.5
5819.0	1.71851	99.5
5819.2	1.71845	99.5
5819.4	1.71839	99.5
5819.6	1.71833	99.4
5819.8	1.71827	99.4
5820.0	1.71821	99.4
5820.2	1.71815	99.4
5820.4	1.71809	99.3
5820.6	1.71804	99.3
5820.8	1.71798	99.3
5821.0	1.71792	99.2
5821.2	1.71786	99.2
5821.4	1.71780	99.2
5821.6	1.71774	99.1
5821.8	1.71768	99.1

Sam. No.	1
p(atm)	2.50 × 10^0
P_e(atm)	3.29 × 10^0
u (atm cm) STP	2.17 × 10^5

ν (cm^{-1})	λ (micron)	T × 100
5822.0	1.71762	99.1
5822.2	1.71756	99.0
5822.4	1.71750	99.0
5822.6	1.71745	99.0
5822.8	1.71739	99.0
5823.0	1.71733	98.9
5823.2	1.71727	98.9
5823.4	1.71721	98.9
5823.6	1.71715	98.8
5823.8	1.71709	98.8
5824.0	1.71703	98.8
5824.2	1.71697	98.7
5824.4	1.71692	98.7
5824.6	1.71686	98.7
5824.8	1.71680	98.6
5825.0	1.71674	98.6
5825.2	1.71668	98.5
5825.4	1.71662	98.6
5825.6	1.71656	98.5
5825.8	1.71650	98.5
5826.0	1.71644	98.5
5826.2	1.71638	98.4
5826.4	1.71633	98.4
5826.6	1.71627	98.4
5826.8	1.71621	98.3
5827.0	1.71615	98.3
5827.2	1.71609	98.3
5827.4	1.71603	98.2
5827.6	1.71597	98.2
5827.8	1.71591	98.2
5828.0	1.71585	98.2
5828.2	1.71580	98.1
5828.4	1.71574	98.1
5828.6	1.71568	98.1
5828.8	1.71562	98.0
5829.0	1.71556	98.0
5829.2	1.71550	98.0
5829.4	1.71544	97.9
5829.6	1.71539	97.9
5829.8	1.71532	97.9
5830.0	1.71527	97.9
5830.2	1.71521	97.9
5830.4	1.71515	97.8
5830.6	1.71509	97.8
5830.8	1.71503	97.8
5831.0	1.71497	97.8
5831.2	1.71491	97.8
5831.4	1.71485	97.7
5831.6	1.71480	97.7
5831.8	1.71474	97.7
5832.0	1.71468	97.7
5832.2	1.71462	97.7
5832.4	1.71456	97.7
5832.6	1.71450	97.7
5832.8	1.71444	97.7
5833.0	1.71438	97.7
5833.2	1.71432	97.7
5833.4	1.71427	97.7
5833.6	1.71421	97.8
5833.8	1.71415	97.8
5834.0	1.71409	97.8
5834.2	1.71403	97.8
5834.4	1.71397	97.8
5834.6	1.71391	97.7
5834.8	1.71385	97.7

Sam. No.	1
p(atm)	2.50 × 10^0
P_e(atm)	3.29 × 10^0
u (atm cm) STP	2.17 × 10^5

ν (cm^{-1})	λ (micron)	T × 100
5835.0	1.71380	97.7
5835.2	1.71374	97.6
5835.4	1.71368	97.6
5835.6	1.71362	97.5
5835.8	1.71356	97.5
5836.0	1.71350	97.5
5836.2	1.71344	97.4
5836.4	1.71339	97.4
5836.6	1.71333	97.4
5836.8	1.71327	97.3
5837.0	1.71321	97.3
5837.2	1.71315	97.2
5837.4	1.71309	97.2
5837.6	1.71303	97.2
5837.8	1.71297	97.1
5838.0	1.71292	97.1
5838.2	1.71286	97.1
5838.4	1.71280	97.0
5838.6	1.71274	97.0
5838.8	1.71268	96.9
5839.0	1.71262	96.9
5839.2	1.71256	96.9
5839.4	1.71250	96.8
5839.6	1.71245	96.8
5839.8	1.71239	96.8
5840.0	1.71233	96.7
5840.2	1.71227	96.7
5840.4	1.71221	96.7
5840.6	1.71215	96.7
5840.8	1.71209	96.7
5841.0	1.71204	96.5
5841.2	1.71198	96.5
5841.4	1.71192	96.6
5841.6	1.71186	96.5
5841.8	1.71180	96.5
5842.0	1.71174	96.5
5842.2	1.71169	96.5
5842.4	1.71163	96.5
5842.6	1.71157	96.5
5842.8	1.71151	96.5
5843.0	1.71145	96.5
5843.2	1.71139	96.4
5843.4	1.71133	96.4
5843.6	1.71127	96.4
5843.8	1.71122	96.4
5844.0	1.71116	96.4
5844.2	1.71110	96.4
5844.4	1.71104	96.4
5844.6	1.71098	96.4
5844.8	1.71092	96.4
5845.0	1.71086	96.4
5845.2	1.71081	96.4
5845.4	1.71075	96.4
5845.6	1.71069	96.4
5845.8	1.71063	96.4
5846.0	1.71057	96.4
5846.2	1.71051	96.3
5846.4	1.71045	96.2
5846.6	1.71040	96.1
5846.8	1.71034	96.1
5847.0	1.71028	95.9
5847.2	1.71022	95.9
5847.4	1.71016	96.0
5847.6	1.71010	96.0
5847.8	1.71004	96.0

Sam. No.	1
p(atm)	2.50 × 10^0
P_e(atm)	3.29 × 10^0
u (atm cm) STP	2.17 × 10^5

ν (cm^{-1})	λ (micron)	T × 100
5848.0	1.70999	96.1
5848.2	1.70993	96.1
5848.4	1.70987	96.1
5848.6	1.70981	96.1
5848.8	1.70975	96.1
5849.0	1.70969	96.1
5849.2	1.70964	96.1
5849.4	1.70958	96.1
5849.6	1.70952	96.1
5849.8	1.70946	96.1
5850.0	1.70940	96.1
5850.2	1.70934	96.2
5850.4	1.70928	96.2
5850.6	1.70923	96.3
5850.8	1.70917	96.3
5851.0	1.70911	96.3
5851.2	1.70905	96.3
5851.4	1.70899	96.3
5851.6	1.70893	96.3
5851.8	1.70888	96.3
5852.0	1.70882	96.3
5852.2	1.70876	96.4
5852.4	1.70870	96.4
5852.6	1.70864	96.5
5852.8	1.70858	96.7
5853.0	1.70853	96.9
5853.2	1.70847	97.0
5853.4	1.70841	97.1
5853.6	1.70835	97.2
5853.8	1.70829	97.3
5854.0	1.70823	97.3
5854.2	1.70818	97.3
5854.4	1.70812	97.3
5854.6	1.70806	97.5
5854.8	1.70800	97.5
5855.0	1.70794	97.7
5855.2	1.70788	97.8
5855.4	1.70783	97.9
5855.6	1.70777	97.9
5855.8	1.70771	98.0
5856.0	1.70765	98.1
5856.2	1.70759	98.2
5856.4	1.70753	98.4
5856.6	1.70748	98.5
5856.8	1.70742	98.7
5857.0	1.70736	98.9
5857.2	1.70730	99.0
5857.4	1.70724	99.0
5857.6	1.70718	99.1
5857.8	1.70713	99.1
5858.0	1.70707	99.1
5858.2	1.70701	99.2
5858.4	1.70695	99.1
5858.6	1.70689	99.0
5858.8	1.70683	98.8
5859.0	1.70678	98.5
5859.2	1.70672	98.4
5859.4	1.70666	98.2
5859.6	1.70660	98.1
5859.8	1.70654	98.1
5860.0	1.70649	97.9
5860.2	1.70643	97.7
5860.4	1.70637	97.5
5860.6	1.70631	97.4
5860.8	1.70625	97.2

Sam. No.	1
p(atm)	2.50 × 10^0
P_e(atm)	3.29 × 10^0
u (atm cm) STP	2.17 × 10^5

ν (cm^{-1})	λ (micron)	T × 100
5861.0	1.70619	97.0
5861.2	1.70614	96.9
5861.4	1.70608	96.7
5861.6	1.70602	96.5
5861.8	1.70596	96.4
5862.0	1.70590	96.3
5862.2	1.70584	96.2
5862.4	1.70579	96.1
5862.6	1.70573	96.1
5862.8	1.70567	96.0
5863.0	1.70561	95.9
5863.2	1.70555	95.8
5863.4	1.70550	95.7
5863.6	1.70544	95.6
5863.8	1.70539	95.5
5864.0	1.70532	95.4
5864.2	1.70526	95.3
5864.4	1.70520	95.2
5864.6	1.70515	95.0
5864.8	1.70509	94.7
5865.0	1.70503	94.5
5865.2	1.70497	94.5
5865.4	1.70491	94.4
5865.6	1.70486	94.3
5865.8	1.70480	94.2
5866.0	1.70474	94.0
5866.2	1.70468	93.9
5866.4	1.70462	93.7
5866.6	1.70456	93.6
5866.8	1.70451	93.5
5867.0	1.70445	93.3
5867.2	1.70439	93.2
5867.4	1.70433	93.1
5867.6	1.70427	93.0
5867.8	1.70422	92.9
5868.0	1.70416	92.8
5868.2	1.70410	92.8
5868.4	1.70404	92.7
5868.6	1.70399	92.7
5868.8	1.70393	92.5
5869.0	1.70387	92.5
5869.2	1.70381	92.5
5869.4	1.70375	92.5
5869.6	1.70369	92.4
5869.8	1.70364	92.4
5870.0	1.70358	92.4
5870.2	1.70352	92.4
5870.4	1.70346	92.4
5870.6	1.70340	92.4
5870.8	1.70335	92.4
5871.0	1.70329	92.4
5871.2	1.70323	92.4
5871.4	1.70317	92.4
5871.6	1.70311	92.4
5871.8	1.70306	92.4
5872.0	1.70300	92.4
5872.2	1.70294	92.5
5872.4	1.70288	92.5
5872.6	1.70282	92.5
5872.8	1.70277	92.5
5873.0	1.70271	92.5
5873.2	1.70265	92.5
5873.4	1.70259	92.5
5873.6	1.70253	92.5
5873.8	1.70248	92.7

Sam. No.	1
p(atm)	2.50 × 10^0
P_e(atm)	3.29 × 10^0
u (atm cm) STP	2.17 × 10^5

ν (cm^{-1})	λ (micron)	T × 100
5874.0	1.70242	92.8
5874.2	1.70236	92.9
5874.4	1.70230	93.0
5874.6	1.70224	93.1
5874.8	1.70219	93.2
5875.0	1.70213	93.4
5875.2	1.70207	93.5
5875.4	1.70201	93.7
5875.6	1.70195	93.9
5875.8	1.70190	94.0
5876.0	1.70184	94.2
5876.2	1.70178	94.3
5876.4	1.70172	94.5
5876.6	1.70166	94.7
5876.8	1.70161	94.9
5877.0	1.70155	95.0
5877.2	1.70149	95.2
5877.4	1.70143	95.3
5877.6	1.70137	95.5
5877.8	1.70132	95.8
5878.0	1.70126	96.0
5878.2	1.70120	96.3
5878.4	1.70114	96.5
5878.6	1.70109	96.7
5878.8	1.70103	97.0
5879.0	1.70097	97.2
5879.2	1.70091	97.3
5879.4	1.70085	97.3
5879.6	1.70080	97.4
5879.8	1.70074	97.5
5880.0	1.70068	97.9
5880.2	1.70062	98.0
5880.4	1.70056	98.2
5880.6	1.70051	98.4
5880.8	1.70045	98.5
5881.0	1.70039	98.9
5881.2	1.70033	99.1
5881.4	1.70028	99.3
5881.6	1.70022	99.5
5881.8	1.70016	99.5
5882.0	1.70010	99.7
5882.2	1.70004	99.8
5882.4	1.69999	99.9
5882.6	1.69993	100.0
5882.8	1.69987	100.0
5883.0	1.69981	100.0
5883.2	1.69976	100.0
5883.4	1.69970	100.0
5883.6	1.69964	100.0
5883.8	1.69958	100.0
5884.0	1.69952	100.0
5884.2	1.69947	100.0
5884.4	1.69941	100.0
5884.6	1.69935	100.0
5884.8	1.69929	100.0
5885.0	1.69924	100.0
5885.2	1.69918	100.0
5885.4	1.69912	100.0
5885.6	1.69906	100.0
5885.8	1.69900	100.0
5886.0	1.69895	100.0
5886.2	1.69889	100.0
5886.4	1.69883	100.0
5886.6	1.69877	100.0
5886.8	1.69872	100.0

Sam. No.	1
p(atm)	2.50 × 10^0
P_e(atm)	3.29 × 10^0
u (atm cm) STP	2.17 × 10^5

ν (cm^{-1})	λ (micron)	T × 100
5887.0	1.69866	100.0
5887.2	1.69860	100.0
5887.4	1.69854	100.0
5887.6	1.69849	100.0
5887.8	1.69843	100.0
5888.0	1.69837	100.0
5888.2	1.69831	100.0
5888.4	1.69825	100.0
5888.6	1.69820	100.0
5888.8	1.69814	100.0
5889.0	1.69808	100.0
5889.2	1.69802	100.0
5889.4	1.69797	100.0
5889.6	1.69791	100.0
5889.8	1.69785	100.0
5890.0	1.69779	100.0
5890.2	1.69774	100.0
5890.4	1.69768	100.0
5890.6	1.69762	100.0
5890.8	1.69756	100.0
5891.0	1.69750	100.0
5891.2	1.69745	100.0
5891.4	1.69739	100.0
5891.6	1.69733	100.0
5891.8	1.69727	100.0
5892.0	1.69722	100.0
5892.2	1.69716	100.0
5892.4	1.69710	100.0
5892.6	1.69704	100.0
5892.8	1.69699	100.0
5893.0	1.69693	100.0
5893.2	1.69687	100.0
5893.4	1.69681	100.0
5893.6	1.69676	100.0
5893.8	1.69670	100.0
5894.0	1.69664	100.0
5894.2	1.69659	100.0
5894.4	1.69653	100.0
5894.6	1.69647	100.0
5894.8	1.69641	100.0
5895.0	1.69635	100.0
5895.2	1.69630	100.0
5895.4	1.69624	100.0
5895.6	1.69618	100.0
5895.8	1.69612	100.0
5896.0	1.69607	100.0
5896.2	1.69601	100.0
5896.4	1.69595	100.0
5896.6	1.69589	100.0
5896.8	1.69584	100.0
5897.0	1.69578	100.0
5897.2	1.69572	100.0
5897.4	1.69566	100.0
5897.6	1.69560	100.0
5897.8	1.69555	100.0
5898.0	1.69549	100.0
5898.2	1.69543	100.0
5898.4	1.69538	100.0
5898.6	1.69532	100.0
5898.8	1.69526	100.0
5899.0	1.69520	100.0
5899.2	1.69515	100.0
5899.4	1.69509	100.0
5899.6	1.69503	100.0
5899.8	1.69497	100.0

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12
p(atm)		2.50 x 10^0	2.53 x 10^0	2.53 x 10^0	2.50 x 10^0	2.00 x 10^0	1.00 x 10^0	1.00 x 10^0	1.46 x 10^1	1.00 x 10^1	1.00 x 10^1	1.00 x 10^1	1.00 x 10^0
P_e(atm)		3.29 x 10^0	3.32 x 10^0	3.32 x 10^0	3.29 x 10^0	2.62 x 10^0	1.31 x 10^0	1.31 x 10^0	2.03 x 10^1	1.36 x 10^1	1.36 x 10^1	1.36 x 10^1	1.36 x 10^1
u (atm cm) STP		2.17 x 10^5	1.10 x 10^5	5.57 x 10^4	2.80 x 10^4	8.71 x 10^4	8.62 x 10^4	2.19 x 10^4	4.73 x 10^4	3.16 x 10^4	1.59 x 10^4	7.93 x 10^3	3.99 x 10^3
ν (cm^{-1})	λ (micron)	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100
5900.0	1.69492	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5900.2	1.69486	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5900.4	1.69480	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5900.6	1.69474	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5900.8	1.69469	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5901.0	1.69463	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5901.2	1.69457	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5901.4	1.69451	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5901.6	1.69446	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5901.8	1.69440	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5902.0	1.69434	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5902.2	1.69428	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5902.4	1.69423	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5902.6	1.69417	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5902.8	1.69411	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5903.0	1.69405	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5903.2	1.69400	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5903.4	1.69394	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5903.6	1.69388	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5903.8	1.69382	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5904.0	1.69377	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5904.2	1.69371	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5904.4	1.69365	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5904.6	1.69359	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5904.8	1.69354	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5905.0	1.69348	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5905.2	1.69342	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5905.4	1.69337	99.9	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5905.6	1.69331	99.9	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5905.8	1.69325	99.9	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5906.0	1.69319	99.9	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5906.2	1.69314	99.9	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5906.4	1.69308	99.9	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5906.6	1.69302	99.9	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5906.8	1.69296	99.9	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5907.0	1.69291	99.9	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
5907.2	1.69285	99.8	100.0	100.0	100.0				99.9	100.0	100.0	100.0	100.0
5907.4	1.69279	99.8	100.0	100.0	100.0				99.9	100.0	100.0	100.0	100.0
5907.6	1.69273	99.8	100.0	100.0	100.0				99.9	100.0	100.0	100.0	100.0
5907.8	1.69268	99.8	100.0	100.0	100.0				99.9	100.0	100.0	100.0	100.0
5908.0	1.69262	99.8	100.0	100.0	100.0				99.9	100.0	100.0	100.0	100.0
5908.2	1.69256	99.8	100.0	100.0	100.0				99.9	100.0	100.0	100.0	100.0
5908.4	1.69251	99.8	100.0	100.0	100.0				99.9	100.0	100.0	100.0	100.0
5908.6	1.69245	99.8	100.0	100.0	100.0				99.9	100.0	100.0	100.0	100.0
5908.8	1.69239	99.7	100.0	100.0	100.0				99.9	100.0	100.0	100.0	100.0
5909.0	1.69233	99.7	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0
5909.2	1.69228	99.7	99.9	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0
5909.4	1.69222	99.7	99.9	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0
5909.6	1.69216	99.7	99.9	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0
5909.8	1.69210	99.7	99.9	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0
5910.0	1.69205	99.7	99.9	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0
5910.2	1.69199	99.7	99.9	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0
5910.4	1.69193	99.7	99.9	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0
5910.6	1.69188	99.5	99.9	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0
5910.8	1.69182	99.5	99.9	100.0	100.0	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0
5911.0	1.69176	99.5	99.8	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0
5911.2	1.69170	99.5	99.8	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0
5911.4	1.69165	99.5	99.8	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0
5911.6	1.69159	99.5	99.8	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0
5911.8	1.69153	99.5	99.8	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0
5912.0	1.69147	99.5	99.8	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0
5912.2	1.69142	99.5	99.8	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0
5912.4	1.69136	99.5	99.8	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0
5912.6	1.69130	99.5	99.8	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0
5912.8	1.69125	99.5	99.7	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12
p(atm)		2.50 x 10^0	2.53 x 10^0	2.53 x 10^0	2.50 x 10^0	2.00 x 10^0	1.00 x 10^0	1.00 x 10^0	1.46 x 10^1	1.00 x 10^1	1.00 x 10^1	1.00 x 10^1	1.00 x 10^0
P_e(atm)		3.29 x 10^0	3.32 x 10^0	3.32 x 10^0	3.29 x 10^0	2.62 x 10^0	1.31 x 10^0	1.31 x 10^0	2.03 x 10^1	1.36 x 10^1	1.36 x 10^1	1.36 x 10^1	1.36 x 10^1
u (atm cm) STP		2.17 x 10^5	1.10 x 10^5	5.57 x 10^4	2.80 x 10^4	8.71 x 10^4	8.62 x 10^4	2.19 x 10^4	4.73 x 10^4	3.16 x 10^4	1.59 x 10^4	7.93 x 10^3	3.99 x 10^3
ν (cm^{-1})	λ (micron)	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100
5929.0	1.68663	96.3	98.8	99.5	100.0	98.7	98.7	100.0	98.9	99.6	99.9	100.0	100.0
5929.2	1.68657	96.4	98.8	99.5	100.0	98.5	98.6	100.0	98.9	99.6	99.8	100.0	100.0
5929.4	1.68651	96.3	98.8	99.5	100.0	98.5	98.6	100.0	98.9	99.6	99.8	100.0	100.0
5929.6	1.68645	96.4	98.8	99.5	100.0	98.5	98.6	100.0	98.9	99.5	99.8	100.0	100.0
5929.8	1.68640	96.3	98.8	99.5	100.0	98.5	98.6	100.0	98.8	99.5	99.8	100.0	100.0
5930.0	1.68634	96.3	98.8	99.4	100.0	98.5	98.6	100.0	98.8	99.5	99.8	100.0	100.0
5930.2	1.68628	96.3	98.8	99.4	100.0	98.5	98.6	100.0	98.7	99.5	99.8	100.0	100.0
5930.4	1.68623	96.3	98.7	99.4	100.0	98.3	98.5	100.0	98.7	99.5	99.8	100.0	100.0
5930.6	1.68617	96.7	98.7	99.4	100.0	98.3	98.5	100.0	98.7	99.5	99.7	100.0	100.0
5930.8	1.68611	96.7	98.7	99.4	100.0	98.5	98.5	100.0	98.7	99.5	99.7	100.0	100.0
5931.0	1.68606	96.6	98.7	99.4	100.0	98.2	98.5	100.0	98.7	99.5	99.7	100.0	100.0
5931.2	1.68600	96.5	98.7	99.4	100.0	98.0	98.5	100.0	98.7	99.5	99.7	100.0	100.0
5931.4	1.68594	96.5	98.5	99.3	100.0	98.1	98.5	100.0	98.7	99.5	99.7	100.0	100.0
5931.6	1.68589	96.5	98.5	99.3	100.0	98.5	98.4	100.0	98.7	99.5	99.5	100.0	100.0
5931.8	1.68583	96.5	98.5	99.3	100.0	98.5	98.4	100.0	98.7	99.5	99.5	100.0	100.0
5932.0	1.68577	96.5	98.5	99.3	100.0	98.5	98.4	100.0	98.7	99.5	99.5	100.0	100.0
5932.2	1.68572	96.5	98.5	99.3	100.0	98.5	98.4	100.0	98.7	99.5	99.5	100.0	100.0
5932.4	1.68566	96.4	98.4	99.3	100.0	98.5	98.4	100.0	98.7	99.5	99.5	100.0	100.0
5932.6	1.68560	96.4	98.4	99.3	100.0	98.3	98.4	100.0	98.7	99.4	99.5	100.0	100.0
5932.8	1.68554	96.3	98.4	99.3	100.0	98.2	98.3	100.0	98.7	99.4	99.5	100.0	100.0
5933.0	1.68549	96.2	98.4	99.2	100.0	98.2	98.3	100.0	98.7	99.4	99.5	100.0	100.0
5933.2	1.68543	96.2	98.4	99.2	100.0	98.3	98.3	100.0	98.5	99.4	99.5	100.0	100.0
5933.4	1.68537	96.2	98.3	99.2	100.0	98.3	98.3	100.0	98.5	99.4	99.5	100.0	100.0
5933.6	1.68532	96.2	98.3	99.2	100.0	98.3	98.3	100.0	98.5	99.4	99.5	100.0	100.0
5933.8	1.68526	96.0	98.2	99.2	100.0	98.4	98.3	100.0	98.5	99.4	99.5	100.0	100.0
5934.0	1.68520	95.8	98.0	99.2	100.0	98.5	98.2	100.0	98.5	99.4	99.5	100.0	100.0
5934.2	1.68515	95.6	97.9	99.2	100.0	98.5	98.2	100.0	98.5	99.4	99.5	100.0	100.0
5934.4	1.68509	95.6	98.0	99.2	100.0	98.5	98.2	100.0	98.5	99.4	99.5	100.0	100.0
5934.6	1.68503	95.5	98.0	99.1	100.0	98.6	98.2	100.0	98.5	99.4	99.5	100.0	100.0
5934.8	1.68498	95.5	98.1	99.1	100.0	98.6	98.2	100.0	98.5	99.4	99.5	100.0	100.0
5935.0	1.68492	95.7	98.2	99.1	100.0	98.7	98.2	100.0	98.5	99.4	99.5	100.0	100.0
5935.2	1.68486	95.8	98.3	99.1	100.0	98.8	98.1	100.0	98.5	99.4	99.5	100.0	100.0
5935.4	1.68481	95.7	98.3	99.1	100.0	98.5	98.1	100.0	98.5	99.4	99.5	100.0	100.0
5935.6	1.68475	95.4	98.2	99.1	100.0	98.3	98.1	100.0	98.5	99.4	99.5	100.0	100.0
5935.8	1.68469	95.1	98.2	99.1	100.0	98.1	98.1	100.0	98.5	99.3	99.5	100.0	100.0
5936.0	1.68464	95.0	98.1	99.1	100.0	98.0	98.0	100.0	98.5	99.3	99.5	100.0	100.0
5936.2	1.68458	95.1	98.1	99.1	100.0	97.9	97.9	100.0	98.5	99.3	99.5	100.0	100.0
5936.4	1.68452	95.1	98.0	99.1	100.0	97.9	97.9	100.0	98.5	99.3	99.5	100.0	100.0
5936.6	1.68447	95.3	97.9	99.1	100.0	98.1	97.9	100.0	98.7	99.3	99.5	100.0	100.0
5936.8	1.68441	95.5	97.9	99.1	100.0	98.2	97.9	100.0	98.7	99.3	99.5	100.0	100.0
5937.0	1.68435	95.7	97.8	99.1	99.9	98.2	98.0	100.0	98.7	99.3	99.5	100.0	100.0
5937.2	1.68430	95.3	97.7	99.0	99.9	98.2	97.8	100.0	98.7	99.3	99.5	100.0	100.0
5937.4	1.68424	95.0	97.5	99.0	99.9	98.0	97.6	100.0	98.7	99.3	99.5	100.0	100.0
5937.6	1.68418	94.8	97.5	98.9	99.9	98.0	97.6	100.0	98.7	99.3	99.5	100.0	100.0
5937.8	1.68413	94.9	97.5	98.9	99.9	98.1	97.7	100.0	98.8	99.3	99.7	100.0	100.0
5938.0	1.68407	95.0	97.5	98.8	99.9	98.2	97.9	100.0	98.8	99.3	99.7	100.0	100.0
5938.2	1.68401	95.0	97.5	98.8	99.9	98.2	97.9	100.0	98.8	99.3	99.7	100.0	100.0
5938.4	1.68396	95.0	97.5	98.9	99.9	98.2	97.8	100.0	98.8	99.3	99.7	100.0	100.0
5938.6	1.68390	95.0	97.5	98.9	99.8	98.2	97.6	100.0	98.7	99.3	99.7	100.0	100.0
5938.8	1.68384	94.5	97.5	98.9	99.8	98.1	97.5	100.0	98.7	99.3	99.7	100.0	100.0
5939.0	1.68379	94.2	97.3	98.9	99.8	97.9	97.4	100.0	98.7	99.3	99.7	100.0	100.0
5939.2	1.68373	93.7	97.1	98.9	99.8	97.8	97.3	100.0	98.5	99.3	99.7	100.0	100.0
5939.4	1.68367	93.9	97.2	98.9	99.8	97.8	97.3	100.0	98.5	99.3	99.7	100.0	100.0
5939.6	1.68362	93.9	97.2	98.9	99.8	97.9	97.5	100.0	98.5	99.3	99.7	100.0	100.0
5939.8	1.68356	94.0	97.3	98.9	99.8	98.0	97.8	100.0	98.5	99.3	99.7	100.0	100.0
5940.0	1.68350	94.2	97.3	98.9	99.8	98.0	98.0	100.0	98.5	99.3	99.7	100.0	100.0
5940.2	1.68345	94.3	97.4	98.9	99.8	97.9	97.8	100.0	98.5	99.3	99.7	100.0	100.0
5940.4	1.68339	94.3	97.4	98.9	99.7	97.5	97.4	100.0	98.5	99.3	99.7	100.0	100.0
5940.6	1.68333	94.2	97.2	98.8	99.7	97.4	97.2	100.0	98.5	99.3	99.7	100.0	100.0
5940.8	1.68327	94.0	97.1	98.8	99.7	97.4	97.2	100.0	98.4	99.3	99.7	100.0	100.0
5941.0	1.68322	93.8	97.1	98.8	99.7	97.3	97.2	100.0	98.4	99.2	99.7	100.0	100.0
5941.2	1.68316	93.5	97.2	98.8	99.7	97.4	97.2	100.0	98.4	99.2	99.7	100.0	100.0
5941.4	1.68310	93.1	97.2	98.8	99.7	97.5	97.4	100.0	98.3	99.2	99.7	100.0	100.0
5941.6	1.68305	93.4	97.1	98.8	99.7	97.7	97.7	100.0	98.3	99.2	99.7	100.0	100.0
5941.8	1.68299	93.7	97.1	98.8	99.7	97.9	97.6	100.0	98.3	99.2	99.7	100.0	100.0

5913.0	1.69119	99.5	99.7	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0
5913.2	1.69113	99.5	99.7	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0
5913.4	1.69107	99.5	99.7	100.0	100.0	100.0	100.0	100.0	99.8	100.0	100.0	100.0	100.0
5913.6	1.69102	99.5	99.7	100.0	100.0	100.0	99.9	100.0	99.8	100.0	100.0	100.0	100.0
5913.8	1.69096	99.5	99.7	100.0	100.0	100.0	99.9	100.0	99.8	100.0	100.0	100.0	100.0
5914.0	1.69090	99.4	99.7	100.0	100.0	100.0	99.9	100.0	99.8	100.0	100.0	100.0	100.0
5914.2	1.69085	99.4	99.7	100.0	100.0	100.0	99.9	100.0	99.8	100.0	100.0	100.0	100.0
5914.4	1.69079	99.4	99.7	100.0	100.0	100.0	99.9	100.0	99.8	100.0	100.0	100.0	100.0
5914.6	1.69073	99.4	99.5	100.0	100.0	100.0	99.9	100.0	99.7	100.0	100.0	100.0	100.0
5914.8	1.69067	99.4	99.5	100.0	100.0	100.0	99.9	100.0	99.7	100.0	100.0	100.0	100.0
5915.0	1.69062	99.4	99.5	100.0	100.0	100.0	99.8	100.0	99.7	100.0	100.0	100.0	100.0
5915.2	1.69056	99.4	99.5	100.0	100.0	100.0	99.8	100.0	99.7	100.0	100.0	100.0	100.0
5915.4	1.69050	99.4	99.5	100.0	100.0	100.0	99.8	100.0	99.7	100.0	100.0	100.0	100.0
5915.6	1.69045	99.3	99.5	100.0	100.0	100.0	99.8	100.0	99.7	100.0	100.0	100.0	100.0
5915.8	1.69039	99.3	99.5	100.0	100.0	100.0	99.8	100.0	99.7	100.0	100.0	100.0	100.0
5916.0	1.69033	99.3	99.5	100.0	100.0	100.0	99.7	100.0	99.7	100.0	100.0	100.0	100.0
5916.2	1.69027	99.3	99.5	100.0	100.0	100.0	99.7	100.0	99.7	100.0	100.0	100.0	100.0
5916.4	1.69022	99.3	99.5	100.0	100.0	100.0	99.7	100.0	99.7	100.0	100.0	100.0	100.0
5916.6	1.69016	99.2	99.5	100.0	100.0	100.0	99.7	100.0	99.7	100.0	100.0	100.0	100.0
5916.8	1.69010	99.1	99.5	100.0	100.0	100.0	99.7	100.0	99.7	100.0	100.0	100.0	100.0
5917.0	1.69005	99.1	99.5	100.0	100.0	100.0	99.7	100.0	99.7	100.0	100.0	100.0	100.0
5917.2	1.68999	99.1	99.5	100.0	100.0	100.0	99.6	100.0	99.7	99.9	100.0	100.0	100.0
5917.4	1.68993	99.1	99.5	100.0	100.0	100.0	99.6	100.0	99.7	99.9	100.0	100.0	100.0
5917.6	1.68987	99.1	99.5	100.0	100.0	100.0	99.6	100.0	99.7	99.9	100.0	100.0	100.0
5917.8	1.68982	98.9	99.5	100.0	100.0	100.0	99.6	100.0	99.7	99.9	100.0	100.0	100.0
5918.0	1.68976	98.9	99.4	100.0	100.0	99.9	99.6	100.0	99.5	99.9	100.0	100.0	100.0
5918.2	1.68970	98.9	99.4	100.0	100.0	99.8	99.6	100.0	99.5	99.9	100.0	100.0	100.0
5918.4	1.68965	98.9	99.4	100.0	100.0	99.7	99.5	100.0	99.5	99.9	100.0	100.0	100.0
5918.6	1.68959	98.8	99.4	100.0	100.0	99.5	99.5	100.0	99.5	99.9	100.0	100.0	100.0
5918.8	1.68953	98.7	99.4	100.0	100.0	99.5	99.5	100.0	99.5	99.9	100.0	100.0	100.0
5919.0	1.68947	98.7	99.4	100.0	100.0	99.5	99.5	100.0	99.5	99.9	100.0	100.0	100.0
5919.2	1.68942	98.5	99.4	100.0	100.0	99.5	99.5	100.0	99.5	99.9	100.0	100.0	100.0
5919.4	1.68936	98.5	99.4	100.0	100.0	99.5	99.5	100.0	99.5	99.9	100.0	100.0	100.0
5919.6	1.68930	98.5	99.4	100.0	100.0	99.5	99.4	100.0	99.5	99.9	100.0	100.0	100.0
5919.8	1.68925	98.5	99.3	100.0	100.0	99.5	99.4	100.0	99.5	99.9	100.0	100.0	100.0
5920.0	1.68919	98.5	99.3	100.0	100.0	99.5	99.4	100.0	99.5	99.9	100.0	100.0	100.0
5920.2	1.68913	98.5	99.3	100.0	100.0	99.5	99.4	100.0	99.5	99.8	100.0	100.0	100.0
5920.4	1.68908	98.4	99.3	100.0	100.0	99.5	99.4	100.0	99.5	99.8	100.0	100.0	100.0
5920.6	1.68902	98.4	99.3	100.0	100.0	99.5	99.4	100.0	99.5	99.8	100.0	100.0	100.0
5920.8	1.68896	98.4	99.3	100.0	100.0	99.5	99.3	100.0	99.5	99.8	100.0	100.0	100.0
5921.0	1.68890	98.4	99.3	100.0	100.0	99.5	99.3	100.0	99.5	99.8	100.0	100.0	100.0
5921.2	1.68885	98.4	99.3	100.0	100.0	99.5	99.3	100.0	99.5	99.8	100.0	100.0	100.0
5921.4	1.68879	98.4	99.3	100.0	100.0	99.5	99.3	100.0	99.5	99.8	100.0	100.0	100.0
5921.6	1.68873	98.3	99.2	100.0	100.0	99.4	99.3	100.0	99.5	99.8	100.0	100.0	100.0
5921.8	1.68868	98.3	99.2	100.0	100.0	99.4	99.3	100.0	99.5	99.8	100.0	100.0	100.0
5922.0	1.68862	98.3	99.2	100.0	100.0	99.4	99.2	100.0	99.5	99.8	100.0	100.0	100.0
5922.2	1.68856	98.3	99.2	100.0	100.0	99.3	99.2	100.0	99.5	99.8	100.0	100.0	100.0
5922.4	1.68850	98.3	99.2	100.0	100.0	99.3	99.2	100.0	99.5	99.8	100.0	100.0	100.0
5922.6	1.68845	98.3	99.2	99.9	100.0	99.3	99.2	100.0	99.5	99.8	100.0	100.0	100.0
5922.8	1.68839	98.3	99.2	99.9	100.0	99.3	99.2	100.0	99.5	99.8	100.0	100.0	100.0
5923.0	1.68833	98.3	99.2	99.9	100.0	99.3	99.2	100.0	99.5	99.8	100.0	100.0	100.0
5923.2	1.68828	98.3	99.1	99.9	100.0	99.3	99.1	100.0	99.5	99.8	100.0	100.0	100.0
5923.4	1.68822	98.3	99.1	99.9	100.0	99.3	99.1	100.0	99.5	99.7	100.0	100.0	100.0
5923.6	1.68816	98.2	99.1	99.9	100.0	99.2	99.1	100.0	99.5	99.7	100.0	100.0	100.0
5923.8	1.68811	98.2	99.1	99.9	100.0	99.2	99.1	100.0	99.5	99.7	100.0	100.0	100.0
5924.0	1.68805	98.2	99.1	99.8	100.0	99.1	99.1	100.0	99.5	99.7	100.0	100.0	100.0
5924.2	1.68799	98.1	99.1	99.8	100.0	99.1	99.1	100.0	99.4	99.7	100.0	100.0	100.0
5924.4	1.68793	98.1	99.1	99.8	100.0	99.1	99.0	100.0	99.4	99.7	100.0	100.0	100.0
5924.6	1.68788	98.1	99.1	99.8	100.0	99.1	99.0	100.0	99.4	99.7	100.0	100.0	100.0
5924.8	1.68782	98.1	99.1	99.8	100.0	99.1	99.0	100.0	99.3	99.7	100.0	100.0	100.0
5925.0	1.68776	98.1	99.0	99.8	100.0	99.1	99.0	100.0	99.3	99.7	100.0	100.0	100.0
5925.2	1.68771	98.0	99.0	99.8	100.0	99.1	99.0	100.0	99.3	99.7	100.0	100.0	100.0
5925.4	1.68765	98.0	99.0	99.8	100.0	99.1	99.0	100.0	99.3	99.7	100.0	100.0	100.0
5925.6	1.68759	97.9	99.0	99.7	100.0	99.1	98.9	100.0	99.2	99.7	100.0	100.0	100.0
5925.8	1.68754	97.9	99.0	99.7	100.0	99.1	98.9	100.0	99.2	99.7	100.0	100.0	100.0
5926.0	1.68748	97.8	99.0	99.7	100.0	99.2	98.9	100.0	99.2	99.7	100.0	100.0	100.0
5926.2	1.68742	97.8	99.0	99.7	100.0	99.2	98.9	100.0	99.2	99.7	100.0	100.0	100.0
5926.4	1.68737	97.7	99.0	99.7	100.0	99.2	98.9	100.0	99.2	99.6	100.0	100.0	100.0
5926.6	1.68731	97.5	99.0	99.7	100.0	99.2	98.9	100.0	99.2	99.6	100.0	100.0	100.0
5926.8	1.68725	97.3	98.9	99.7	100.0	99.2	98.8	100.0	99.1	99.6	100.0	100.0	100.0
5927.0	1.68719	97.3	98.9	99.6	100.0	99.1	98.8	100.0	99.1	99.6	100.0	100.0	100.0
5927.2	1.68714	97.3	98.9	99.6	100.0	99.0	98.8	100.0	99.1	99.6	100.0	100.0	100.0
5927.4	1.68708	97.2	98.9	99.6	100.0	98.8	98.8	100.0	99.1	99.6	100.0	100.0	100.0
5927.6	1.68702	97.2	98.9	99.6	100.0	98.7	98.8	100.0	99.1	99.6	99.9	100.0	100.0
5927.8	1.68697	97.2	98.9	99.6	100.0	98.8	98.8	100.0	99.0	99.6	99.9	100.0	100.0
5928.0	1.68691	97.2	98.9	99.6	100.0	98.7	98.7	100.0	99.0	99.6	99.9	100.0	100.0
5928.2	1.68685	97.2	98.9	99.6	100.0	98.7	98.7	100.0	99.0	99.6	99.9	100.0	100.0
5928.4	1.68680	97.1	98.9	99.6	100.0	98.9	98.7	100.0	99.0	99.6	99.9	100.0	100.0
5928.6	1.68674	96.9	98.8	99.5	100.0	99.1	98.7	100.0	99.0	99.6	99.9	100.0	100.0
5928.8	1.68668	96.9	98.8	99.5	100.0	99.0	98.7	100.0	98.9	99.6	99.9	100.0	100.0

5942.0	1.68294	94.0	97.0	95.8	99.7	97.9	97.3	100.0	98.5	99.1	99.7	100.0	100.0
5942.2	1.68288	93.8	96.9	95.7	99.5	97.8	97.2	100.0	98.3	99.1	99.7	100.0	100.0
5942.4	1.68282	93.5	96.8	95.7	99.5	97.5	97.2	99.9	98.3	99.1	99.7	100.0	100.0
5942.6	1.68277	93.4	96.8	95.7	99.5	97.5	97.2	99.9	98.3	99.1	99.7	100.0	100.0
5942.8	1.68271	93.4	96.8	95.7	99.5	97.2	97.2	99.9	98.3	99.1	99.7	100.0	100.0
5943.0	1.68265	93.3	96.9	95.7	99.5	97.1	97.2	99.9	98.3	99.1	99.7	100.0	100.0
5943.2	1.68260	93.3	96.9	95.7	99.5	97.3	97.2	99.9	98.3	99.1	99.7	100.0	100.0
5943.4	1.68254	93.2	96.8	95.6	99.5	97.5	97.0	99.9	98.3	99.1	99.5	100.0	100.0
5943.6	1.68248	93.1	96.7	95.6	99.5	97.5	96.9	99.9	98.3	99.1	99.5	100.0	100.0
5943.8	1.68243	93.0	96.7	95.6	99.5	97.5	96.8	99.9	98.3	99.1	99.5	100.0	100.0
5944.0	1.68237	92.9	96.5	95.6	99.5	97.4	96.7	99.9	98.3	99.1	99.5	100.0	100.0
5944.2	1.68231	92.8	96.5	95.6	99.5	97.2	96.8	99.9	98.3	99.1	99.5	100.0	100.0
5944.4	1.68226	92.8	96.5	95.6	99.5	97.1	96.9	99.9	98.2	99.1	99.5	100.0	100.0
5944.6	1.68220	92.7	96.7	95.6	99.5	97.2	97.1	99.9	98.2	99.1	99.5	100.0	100.0
5944.8	1.68214	92.7	96.7	95.6	99.5	97.3	97.3	99.9	98.2	99.1	99.5	100.0	100.0
5945.0	1.68209	92.8	96.8	95.6	99.5	97.4	97.2	99.9	98.2	99.1	99.5	100.0	100.0
5945.2	1.68203	92.9	96.9	95.6	99.5	97.4	97.1	99.9	98.2	99.1	99.5	100.0	100.0
5945.4	1.68197	92.8	96.9	95.6	99.5	97.4	97.0	99.9	98.2	99.1	99.5	100.0	100.0
5945.6	1.68192	92.7	96.8	95.6	99.5	97.4	97.0	99.9	98.2	99.0	99.5	100.0	100.0
5945.8	1.68186	92.5	96.8	95.6	99.5	97.4	96.9	99.9	98.2	99.0	99.4	100.0	100.0
5946.0	1.68180	92.5	96.8	95.6	99.5	97.4	97.0	99.9	98.2	99.0	99.4	100.0	100.0
5946.2	1.68175	92.5	96.9	95.5	99.5	97.4	97.3	99.9	98.2	99.0	99.4	100.0	100.0
5946.4	1.68169	92.5	96.9	95.5	99.5	97.5	97.6	99.9	98.2	99.0	99.4	100.0	100.0
5946.6	1.68163	92.5	96.9	95.5	99.5	97.5	97.4	99.9	98.1	99.0	99.3	100.0	100.0
5946.8	1.68158	92.5	96.9	95.5	99.5	97.5	97.0	99.9	98.1	99.0	99.3	100.0	100.0
5947.0	1.68152	92.5	96.8	95.5	99.5	97.7	97.0	99.9	98.1	99.0	99.3	100.0	100.0
5947.2	1.68146	92.5	96.8	95.5	99.5	97.7	96.9	99.9	98.1	99.0	99.3	100.0	100.0
5947.4	1.68141	92.4	96.7	95.5	99.5	97.7	97.0	99.8	98.1	99.0	99.3	100.0	100.0
5947.6	1.68135	92.4	96.7	95.5	99.5	97.8	97.0	99.8	98.1	98.9	99.3	100.0	100.0
5947.8	1.68129	92.4	96.7	95.5	99.5	97.9	97.0	99.8	98.0	98.9	99.2	100.0	100.0
5948.0	1.68124	92.4	96.7	95.5	99.5	97.9	96.9	99.8	98.0	98.9	99.2	100.0	100.0
5948.2	1.68118	92.4	96.7	95.5	99.5	97.9	96.8	99.8	98.0	98.8	99.2	100.0	100.0
5948.4	1.68112	92.5	96.7	95.5	99.5	97.9	96.8	99.8	98.0	98.8	99.2	100.0	100.0
5948.6	1.68107	92.5	96.7	95.5	99.5	97.9	96.8	99.8	98.0	98.8	99.2	100.0	100.0
5948.8	1.68101	92.5	96.7	95.5	99.5	97.9	96.9	99.8	98.0	98.8	99.2	100.0	100.0
5949.0	1.68095	92.5	96.7	95.5	99.5	97.8	96.9	99.8	98.0	98.8	99.2	100.0	100.0
5949.2	1.68090	92.7	96.7	95.5	99.5	97.8	97.0	99.8	98.0	98.8	99.2	100.0	100.0
5949.4	1.68084	92.3	96.7	95.6	99.5	97.8	97.0	99.8	98.0	98.8	99.2	100.0	100.0
5949.6	1.68079	92.3	96.7	95.6	99.5	97.9	97.0	99.8	98.0	98.8	99.2	100.0	100.0
5949.8	1.68073	92.2	96.7	95.6	99.5	97.9	96.9	99.8	98.0	98.8	99.2	100.0	100.0
5950.0	1.68067	92.1	96.8	95.6	99.5	97.9	96.9	99.8	97.9	98.8	99.3	100.0	100.0
5950.2	1.68062	92.0	96.9	95.6	99.5	98.0	96.8	99.8	97.9	98.8	99.3	100.0	100.0
5950.4	1.68056	92.1	96.9	95.6	99.5	98.0	96.8	99.8	97.9	98.8	99.3	100.0	100.0
5950.6	1.68050	92.3	96.9	95.6	99.5	98.1	96.8	99.8	97.9	98.8	99.3	100.0	100.0
5950.8	1.68045	92.5	96.9	95.6	99.5	98.1	96.9	99.8	97.9	98.8	99.3	100.0	100.0
5951.0	1.68039	92.5	96.9	95.6	99.5	98.2	96.9	99.8	97.9	98.8	99.3	100.0	100.0
5951.2	1.68033	92.5	96.9	95.6	99.5	98.2	96.9	99.8	98.0	98.7	99.3	100.0	100.0
5951.4	1.68028	92.5	96.9	95.6	99.5	98.3	96.9	99.8	98.0	98.7	99.3	100.0	100.0
5951.6	1.68022	92.5	96.9	95.5	99.5	98.3	96.9	99.8	98.0	98.7	99.3	100.0	100.0
5951.8	1.68016	92.7	96.9	95.5	99.5	98.3	96.9	99.8	98.0	98.7	99.3	100.0	100.0
5952.0	1.68011	92.9	96.9	95.5	99.5	98.4	96.9	99.7	98.0	98.7	99.3	100.0	100.0
5952.2	1.68005	92.5	96.9	95.5	99.5	98.4	96.9	99.7	98.0	98.7	99.4	100.0	100.0
5952.4	1.67999	92.9	96.9	95.5	99.5	98.5	96.9	99.7	98.0	98.7	99.4	100.0	100.0
5952.6	1.67994	92.9	96.9	95.5	99.5	98.5	96.9	99.7	98.0	98.7	99.4	100.0	100.0
5952.8	1.67988	92.5	96.8	95.5	99.5	98.5	96.9	99.7	98.0	98.7	99.4	100.0	100.0
5953.0	1.67983	92.8	96.7	95.5	99.5	98.5	96.8	99.7	98.0	98.7	99.4	100.0	100.0
5953.2	1.67977	92.8	96.7	95.5	99.5	98.5	96.8	99.7	98.0	98.7	99.4	100.0	100.0
5953.4	1.67971	92.9	96.7	95.5	99.5	98.5	96.8	99.7	98.0	98.8	99.5	100.0	100.0
5953.6	1.67966	92.9	96.7	95.5	99.5	98.4	96.8	99.7	98.0	98.8	99.5	100.0	100.0
5953.8	1.67960	92.9	96.7	95.5	99.5	98.4	96.8	99.7	98.0	98.8	99.5	100.0	100.0
5954.0	1.67954	92.8	96.7	95.5	99.5	98.4	97.0	99.7	98.0	98.8	99.5	100.0	100.0
5954.2	1.67949	92.8	96.7	95.5	99.5	98.3	97.2	99.7	98.0	98.8	99.5	100.0	100.0
5954.4	1.67943	92.9	96.7	95.5	99.5	98.3	97.4	99.7	98.0	98.9	99.5	100.0	100.0
5954.6	1.67937	93.0	96.7	95.5	99.5	98.3	97.4	99.7	98.0	98.9	99.5	100.0	100.0
5954.8	1.67932	93.0	96.7	95.5	99.5	98.2	97.4	99.7	98.0	98.9	99.5	100.0	100.0
5955.0	1.67926	93.1	96.8	95.5	99.5	98.2	97.3	99.7	98.0	98.9	99.5	100.0	100.0
5955.2	1.67920	93.1	96.8	95.5	99.5	98.1	97.2	99.7	98.0	98.9	99.5	100.0	100.0
5955.4	1.67915	93.1	96.9	95.5	99.5	98.1	97.0	99.7	98.0	98.9	99.5	100.0	100.0
5955.6	1.67909	93.1	96.9	95.5	99.5	98.1	97.0	99.7	98.0	98.9	99.5	100.0	100.0
5955.8	1.67904	93.1	97.0	95.5	99.5	98.1	97.1	99.7	98.0	98.9	99.5	100.0	100.0
5956.0	1.67898	93.1	97.0	95.4	99.5	98.1	97.1	99.7	98.0	98.9	99.5	100.0	100.0
5956.2	1.67892	93.0	97.0	95.4	99.5	98.1	97.0	99.7	98.0	98.9	99.5	100.0	100.0
5956.4	1.67887	93.0	97.0	95.4	99.5	98.1	97.0	99.7	98.0	98.9	99.5	100.0	100.0
5956.6	1.67881	93.0	96.9	95.4	99.5	98.1	96.9	99.7	98.0	98.9	99.7	100.0	100.0
5956.8	1.67875	93.0	96.8	95.4	99.5	98.1	96.9	99.5	98.0	98.9	99.7	100.0	100.0
5957.0	1.67870	93.0	96.8	95.4	99.5	98.0	96.8	99.5	98.0	98.9	99.7	100.0	100.0
5957.2	1.67864	93.2	96.9	95.4	99.5	98.0	96.9	99.5	98.0	98.9	99.7	100.0	100.0
5957.4	1.67858	93.3	97.0	95.4	99.5	97.9	97.0	99.5	98.0	98.9	99.7	100.0	100.0
5957.6	1.67853	93.3	97.0	95.4	99.5	97.9	97.2	99.5	98.0	98.9	99.7	100.0	100.0
5957.8	1.67847	93.4	96.9	95.4	99.5	97.9	97.3	99.5	98.0	98.9	99.7	100.0	100.0

Table 4-I (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
p(atm)		2.50×10^0	2.53×10^0	2.53×10^0	2.50×10^0	2.00×10^0	1.00×10^0	1.00×10^0	1.46×10^1	1.00×10^1	1.00×10^1	1.00×10^1	1.00×10^0	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}
P_e(atm)		3.29×10^0	3.32×10^0	3.32×10^0	3.29×10^0	2.62×10^0	1.31×10^0	1.31×10^0	2.03×10^1	1.36×10^1	1.36×10^1	1.36×10^1	1.36×10^1	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^0	3.03×10^{-1}	1.001×10^{-1}
u (atm cm) STP		2.17×10^5	1.10×10^5	5.57×10^4	2.80×10^4	8.71×10^4	6.62×10^4	2.19×10^4	4.73×10^4	3.16×10^4	1.59×10^4	7.93×10^3	3.99×10^3	9.94×10^3	9.94×10^3	9.94×10^3	3.32×10^3	3.32×10^3	3.32×10^3
ν (cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
5958.0	1.67842	93.5	96.9	98.4	99.5	97.9	97.3	99.5	98.0	98.9	99.7	100.0	100.0	100.0	100.0	100.0			
5958.2	1.67836	93.5	96.8	98.4	99.5	98.0	97.3	99.5	98.0	98.9	99.7	100.0	100.0	100.0	100.0	100.0			
5958.4	1.67830	93.4	96.7	98.4	99.5	98.0	97.3	99.5	98.0	98.9	99.7	100.0	100.0	100.0	100.0	100.0			
5958.6	1.67825	93.4	96.5	98.4	99.5	97.9	97.2	99.5	98.0	98.9	99.7	100.0	100.0	100.0	100.0	100.0			
5958.8	1.67819	93.4	96.5	98.4	99.5	97.9	97.2	99.5	98.0	98.9	99.7	100.0	100.0	100.0	100.0	100.0			
5959.0	1.67813	93.4	96.5	98.4	99.5	97.8	97.2	99.5	98.0	98.9	99.3	100.0	100.0	100.0	100.0	100.0			
5959.2	1.67808	93.4	96.5	98.4	99.5	97.8	97.2	99.5	98.0	98.9	99.3	100.0	100.0	100.0	100.0	100.0			
5959.4	1.67802	93.4	96.5	98.3	99.7	97.7	97.2	99.5	98.0	98.9	99.3	100.0	100.0	100.0	100.0	100.0			
5959.6	1.67796	93.5	96.7	98.3	99.7	97.7	97.1	99.5	98.0	98.9	99.3	100.0	100.0	100.0	100.0	100.0			
5959.8	1.67791	93.5	96.7	98.3	99.7	97.5	97.0	99.5	98.0	98.9	99.3	100.0	100.0	100.0	100.0	100.0			
5960.0	1.67785	93.3	96.7	98.3	99.7	97.5	95.9	99.5	98.0	98.9	99.3	100.0	100.0	100.0	100.0	100.0			
5960.2	1.67780	93.2	96.7	98.3	99.7	97.5	95.8	99.5	98.0	98.9	99.3	100.0	100.0	100.0	100.0	100.0			
5960.4	1.67774	93.1	96.7	98.3	99.7	97.5	95.7	99.5	98.0	98.9	99.3	100.0	100.0	100.0	100.0	100.0			
5960.6	1.67768	93.0	96.7	98.3	99.5	97.4	95.6	99.5	98.0	98.9	99.3	100.0	100.0	100.0	100.0	100.0			
5960.8	1.67763	92.8	96.7	98.3	99.5	97.4	95.6	99.5	98.0	98.9	99.3	100.0	100.0	100.0	100.0	100.0			
5961.0	1.67757	92.7	96.5	98.3	99.5	97.3	95.5	99.5	98.0	98.9	99.3	100.0	100.0	100.0	100.0	100.0			
5961.2	1.67751	92.7	96.5	98.3	99.5	97.2	95.4	99.5	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0			
5961.4	1.67746	92.5	96.4	98.2	99.5	97.1	95.3	99.5	97.9	98.9	99.3	100.0	100.0	100.0	100.0	100.0			
5961.6	1.67740	92.4	96.2	98.2	99.5	97.0	95.3	99.5	97.9	98.9	99.3	100.0	100.0	99.8	100.0	100.0			
5961.8	1.67735	92.2	96.0	98.1	99.5	96.9	95.2	99.5	97.8	98.9	99.3	100.0	100.0	99.7	100.0	100.0			
5962.0	1.67729	92.0	95.9	98.1	99.5	96.7	95.0	99.5	97.8	98.9	99.3	100.0	100.0	99.7	100.0	100.0			
5962.2	1.67723	91.8	95.9	98.1	99.5	96.7	95.0	99.5	97.7	98.8	99.9	100.0	100.0	99.7	100.0	100.0			
5962.4	1.67718	91.6	95.9	98.1	99.5	96.6	95.9	99.5	97.7	98.8	99.9	100.0	100.0	99.8	100.0	100.0			
5962.6	1.67712	91.4	95.9	98.0	99.5	96.5	95.8	99.5	97.6	98.8	99.9	100.0	100.0	99.8	100.0	100.0			
5962.8	1.67706	91.1	95.8	97.9	99.5	96.3	95.8	99.5	97.6	98.8	99.9	100.0	100.0	99.9	100.0	100.0			
5963.0	1.67701	90.8	95.7	97.9	99.5	96.2	95.8	99.5	97.6	98.8	99.3	100.0	100.0	99.8	100.0	100.0			
5963.2	1.67695	90.6	95.5	97.8	99.5	96.0	95.8	99.5	97.6	98.7	99.3	100.0	100.0	99.7	100.0	100.0			
5963.4	1.67690	90.5	95.4	97.7	99.5	95.9	95.7	99.5	97.5	98.7	99.3	100.0	100.0	99.6	100.0	100.0			
5963.6	1.67684	90.3	95.2	97.7	99.5	95.8	95.6	99.5	97.5	98.7	99.7	100.0	100.0	99.7	100.0	100.0			
5963.8	1.67678	90.1	95.1	97.6	99.5	95.7	95.5	99.5	97.5	98.7	99.7	100.0	100.0	99.8	100.0	100.0			
5964.0	1.67673	89.9	94.9	97.5	99.5	95.5	95.4	99.5	97.5	98.7	99.7	100.0	100.0	99.9	100.0	100.0			
5964.2	1.67667	89.7	94.7	97.4	99.4	95.5	95.3	99.5	97.4	98.6	99.7	100.0	100.0	99.8	100.0	100.0			
5964.4	1.67661	89.5	94.5	97.4	99.4	95.5	95.3	99.5	97.4	98.6	99.7	100.0	100.0	99.7	99.9	100.0			
5964.6	1.67656	89.4	94.5	97.3	99.4	95.4	95.3	99.5	97.4	98.5	99.7	100.0	100.0	99.7	99.9	100.0			
5964.8	1.67650	89.2	94.5	97.3	99.4	95.4	95.3	99.5	97.3	98.5	99.7	99.9	100.0	99.6	99.9	100.0			
5965.0	1.67645	89.0	94.5	97.2	99.4	95.4	95.2	99.5	97.3	98.5	99.7	99.9	100.0	99.5	99.9	100.0	100.0	100.0	100.0
5965.2	1.67639	88.8	94.5	97.2	99.4	95.3	95.0	99.5	97.3	98.4	99.5	99.9	100.0	99.5	99.9	100.0	100.0	100.0	100.0
5965.4	1.67633	88.7	94.5	97.2	99.4	95.3	94.9	99.5	97.3	98.4	99.5	99.9	100.0	99.5	99.9	100.0	100.0	100.0	100.0
5965.6	1.67628	88.6	94.4	97.1	99.4	95.2	94.7	99.5	97.3	98.3	99.5	99.9	100.0	99.5	99.9	100.0	100.0	100.0	100.0
5965.8	1.67622	88.5	94.3	97.0	99.4	95.1	94.6	99.5	97.3	98.3	99.5	99.9	100.0	99.5	99.9	100.0	100.0	100.0	100.0
5966.0	1.67616	88.3	94.2	95.9	99.3	95.0	94.5	99.5	97.3	98.2	99.4	99.9	100.0	99.5	99.9	100.0	100.0	100.0	100.0
5966.2	1.67611	88.1	94.1	95.8	99.3	95.0	94.5	99.5	97.3	98.2	99.4	99.9	100.0	99.5	99.9	100.0	100.0	100.0	100.0
5966.4	1.67605	87.9	94.1	95.8	99.3	95.1	94.6	99.4	97.2	98.1	99.4	99.9	100.0	99.5	99.9	100.0	100.0	100.0	100.0
5966.6	1.67600	87.8	94.1	95.8	99.3	95.1	94.6	99.4	97.2	98.0	99.3	99.9	100.0	99.5	99.9	100.0	100.0	100.0	100.0
5966.8	1.67594	87.7	94.1	95.8	99.2	95.2	94.5	99.4	97.2	98.0	99.3	99.9	100.0	99.5	99.9	100.0	100.0	100.0	100.0
5967.0	1.67588	87.5	94.1	95.8	99.2	95.3	94.5	99.4	97.1	97.9	99.3	99.8	100.0	99.6	99.9	100.0	100.0	100.0	100.0
5967.2	1.67583	87.5	93.8	95.7	99.2	94.9	94.3	99.4	97.1	97.9	99.3	99.8	100.0	99.5	99.9	100.0	100.0	100.0	100.0
5967.4	1.67577	87.4	93.5	95.7	99.1	94.7	94.1	99.4	97.0	97.9	99.3	99.8	100.0	99.5	99.9	100.0	100.0	100.0	100.0
5967.6	1.67572	87.2	93.5	95.7	99.1	94.5	93.6	99.4	96.9	97.8	99.3	99.8	100.0	99.7	99.8	100.0	100.0	100.0	100.0
5967.8	1.67566	87.0	93.5	95.7	99.1	94.5	93.7	99.4	96.9	97.8	99.2	99.6	100.0	99.7	99.8	100.0	100.0	100.0	100.0
5968.0	1.67560	86.9	93.5	95.7	99.1	94.7	93.9	99.4	96.8	97.7	99.2	99.8	100.0	99.7	99.8	100.0	100.0	100.0	100.0
5968.2	1.67555	86.3	93.5	95.7	99.1	94.9	94.2	99.4	96.7	97.7	99.2	99.8	100.0	99.8	99.8	100.0	100.0	100.0	100.0
5968.4	1.67549	86.9	93.5	95.6	99.1	95.2	94.5	99.4	96.7	97.7	99.2	99.8	100.0	99.8	99.8	100.0	100.0	100.0	100.0
5968.6	1.67543	87.1	93.7	95.6	99.1	95.2	94.5	99.4	96.5	97.7	99.2	99.8	100.0	99.8	99.8	100.0	100.0	100.0	100.0
5968.8	1.67538	87.3	93.7	95.6	99.1	94.9	94.3	99.4	96.5	97.7	99.2	99.8	100.0	99.8	99.8	100.0	100.0	100.0	100.0
5969.0	1.67532	86.9	93.2	95.6	99.1	94.4	93.9	99.4	96.5	97.6	99.1	99.8	100.0	99.8	99.8	100.0	100.0	100.0	100.0
5969.2	1.67527	86.2	92.9	95.6	99.1	94.1	93.6	99.3	96.5	97.6	99.1	99.7	100.0	99.6	99.8	100.0	100.0	100.0	100.0
5969.4	1.67521	85.5	92.9	95.5	99.1	94.0	93.3	99.3	96.5	97.6	99.1	99.7	100.0	99.5	99.8	100.0	100.0	100.0	100.0
5969.6	1.67515	85.3	92.9	95.5	99.1	94.1	93.4	99.3	96.5	97.6	99.1	99.7	100.0	99.4	99.8	100.0	100.0	100.0	100.0
5969.8	1.67510	85.5	93.0	95.5	99.1	94.4	93.6	99.3	96.5	97.6	99.1	99.7	100.0	99.5	99.8	100.0	100.0	100.0	100.0
5970.0	1.67504	86.1	93.1	95.6	99.1	94.8	93.9	99.3	96.4	97.6	99.0	99.7	100.0	99.5	99.8	100.0	100.0	100.0	100.0
5970.2	1.67499	86.3	93.2	95.6	99.1	94.9	94.0	99.3	96.4	97.6	99.0	99.7	100.0	99.5	99.8	100.0	99.9	100.0	100.0
5970.4	1.67493	86.9	93.2	95.6	99.1	94.7	94.0	99.3	96.4	97.6	99.0	99.7	100.0	99.5	99.8	100.0	99.9	100.0	100.0
5970.6	1.67487	86.2	93.1	95.6	99.0	94.5	93.8	99.3	96.4	97.6	99.0	99.7	100.0	99.5	99.8	100.0	99.9	100.0	100.0
5970.8	1.67482	85.7	92.9	95.6	99.0	94.2	93.5	99.2	96.3	97.6	99.0	99.7	100.0	99.5	99.8	100.0	99.9	100.0	100.0

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5971.0  1.67476  [illegible]  92.4  95.4  99.0   94.1  93.0  99.1   96.3  97.6  99.0  99.6  100.0   99.5  99.7  100.0   99.9  100.0  100.0
5971.2  1.67471  85.4         92.4  95.4  98.9   94.1  93.0  99.1   96.3  97.6  99.0  99.6  100.0   99.5  99.7  100.0   99.9  100.0  100.0
5971.4  1.67465  85.2         92.4  95.4  98.9   94.0  93.0  99.1   96.2  97.6  99.0  99.6  100.0   99.5  99.7  100.0   99.9  100.0  100.0
5971.6  1.67459  85.1         92.2  95.4  98.8   93.4  93.1  99.1   96.2  97.6  99.0  99.6  100.0   99.5  99.7  100.0   99.9   99.9  100.0
5971.8  1.67454  84.5         92.1  95.4  98.8   93.3  93.2  99.1   96.2  97.6  99.0  99.6  100.0   99.7  99.7  100.0   99.9   99.9  100.0

5972.0  1.67448  84.5         91.9  95.5  98.7   93.7  93.4  99.1   96.1  97.6  99.0  99.6  100.0   99.5  99.7  100.0   99.9   99.9  100.0
5972.2  1.67442  84.1         91.7  95.2  98.7   93.5  93.2  99.0   96.1  97.5  98.9  99.6  100.0   99.5  99.7  100.0   99.9   99.9  100.0
5972.4  1.67437  83.5         91.3  95.1  98.7   93.1  92.6  99.0   96.1  97.5  98.9  99.6  100.0   99.5  99.7  100.0   99.9   99.9  100.0
5972.6  1.67431  83.2         91.4  95.0  98.7   92.5  92.3  99.0   96.0  97.5  98.9  99.6  100.0   99.5  99.7  100.0   99.9   99.9  100.0
5972.8  1.67426  83.1         91.5  95.0  98.5   92.5  92.2  99.0   96.0  97.5  98.9  99.6  100.0   99.5  99.7  100.0   99.9   99.9  100.0

5973.0  1.67420  83.1         91.7  95.4  98.5   92.9  92.5  99.0   96.0  97.5  98.9  99.6  100.0   99.5  99.7  100.0   99.8   99.9   99.9
5973.2  1.67414  83.4         92.0  95.9  98.5   93.3  92.9  99.0   96.0  97.5  98.9  99.6  100.0   99.4  99.7  100.0   99.8   99.9   99.9
5973.4  1.67409  83.9         92.3  95.9  98.5   93.7  93.1  99.0   95.9  97.4  98.9  99.6  100.0   99.4  99.7  100.0   99.8   99.9   99.9
5973.6  1.67403  84.1         92.4  95.9  98.5   93.9  93.2  99.0   95.9  97.4  98.9  99.7  100.0   99.3  99.7  100.0   99.8   99.9   99.9
5973.8  1.67398  84.4         92.5  95.0  98.5   94.0  93.3  99.0   95.9  97.4  98.9  99.7  100.0   99.3  99.7  100.0   99.8   99.9   99.9

5974.0  1.67392  84.5         92.5  95.1  98.5   94.0  93.3  99.0   95.9  97.4  98.9  99.7  100.0   99.2  99.7  100.0   99.8   99.9   99.9
5974.2  1.67386  84.4         92.4  95.1  98.5   94.0  93.3  99.0   95.9  97.4  98.9  99.7  100.0   99.2  99.7  100.0   99.8   99.9   99.9
5974.4  1.67381  84.4         92.4  95.1  98.5   94.0  93.3  99.0   95.8  97.3  98.9  99.7  100.0   99.3  99.6  100.0   99.8   99.9   99.9
5974.6  1.67375  84.4         92.4  95.1  98.5   94.0  93.3  99.0   95.8  97.3  98.9  99.7  100.0   99.3  99.6  100.0   99.8   99.9   99.9
5974.8  1.67370  84.5         92.4  95.1  98.5   94.0  93.3  99.1   95.8  97.3  98.9  99.8  100.0   99.3  99.6  100.0   99.8   99.8   99.9

5975.0  1.67364  84.2         92.3  95.1  98.5   93.9  93.4  99.1   95.8  97.3  98.9  99.8  100.0   99.3  99.6  100.0   99.8   99.8   99.9
5975.2  1.67359  84.0         92.1  95.1  98.5   93.8  93.4  99.1   95.8  97.3  98.9  99.8  100.0   99.3  99.6   99.9   99.8   99.8   99.9
5975.4  1.67353  83.4         91.8  95.0  98.5   93.7  93.3  99.1   95.8  97.3  98.9  99.7  100.0   99.3  99.6   99.9   99.8   99.8   99.9
5975.6  1.67347  83.5         91.5  95.8  98.5   93.5  92.9  99.1   95.7  97.2  98.9  99.7  100.0   99.3  99.6   99.9   99.8   99.8   99.9
5975.8  1.67342  83.3         91.5  95.7  98.5   93.5  92.3  99.1   95.7  97.2  98.9  99.7  100.0   99.3  99.6   99.9   99.7   99.8   99.9

5976.0  1.67336  83.2         91.5  95.7  98.4   93.3  92.1  99.1   95.7  97.2  98.9  99.7  100.0   99.3  99.6   99.9   99.7   99.8   99.9
5976.2  1.67330  83.5         91.5  95.7  98.5   93.2  92.3  99.1   95.7  97.2  98.9  99.7  100.0   99.3  99.6   99.9   99.7   99.8   99.9
5976.4  1.67325  83.7         91.8  95.7  98.5   93.4  92.5  99.1   95.7  97.2  98.9  99.7  100.0   99.3  99.6   99.9   99.7   99.8   99.9
5976.6  1.67319  83.8         91.9  95.7  98.5   93.5  92.8  99.1   95.7  97.1  98.8  99.7  100.0   99.3  99.6   99.9   99.7   99.8   99.9
5976.8  1.67314  83.9         91.8  95.7  98.5   93.8  92.9  99.1   95.7  97.1  98.8  99.7  100.0   99.3  99.6   99.9   99.7   99.8   99.8

5977.0  1.67308  83.7         91.7  95.7  98.5   93.8  92.9  99.1   95.7  97.1  98.8  99.7  100.0   99.4  99.6   99.9   99.7   99.8   99.8
5977.2  1.67302  83.3         91.4  95.5  98.4   93.5  92.8  99.1   95.7  97.1  98.8  99.7   99.9   99.5  99.6   99.9   99.7   99.8   99.8
5977.4  1.67297  82.7         90.9  95.4  98.4   93.4  92.3  99.1   95.7  97.1  98.8  99.7   99.9   99.5  99.6   99.9   99.7   99.8   99.8
5977.6  1.67291  82.1         90.9  95.3  98.4   93.0  91.9  99.1   95.5  97.1  98.8  99.7   99.9   99.4  99.5   99.9   99.7   99.8   99.8
5977.8  1.67286  81.9         90.9  95.2  98.4   92.7  91.7  99.1   95.5  97.1  98.9  99.7   99.9   99.3  99.5   99.8   99.7   99.8   99.8

5978.0  1.67280  82.3         91.1  95.0  98.4   92.9  92.0  99.0   95.5  97.1  98.9  99.7   99.9   99.2  99.5   99.8   99.7   99.8   99.8
5978.2  1.67274  83.0         91.5  95.1  98.4   93.3  92.4  99.0   95.5  97.1  98.9  99.7   99.9   99.2  99.5   99.8   99.7   99.7   99.8
5978.4  1.67269  83.8         91.9  95.3  98.4   93.5  93.0  99.1   95.5  97.1  98.9  99.7   99.9   99.3  99.5   99.8   99.7   99.7   99.8
5978.6  1.67263  84.0         92.0  95.5  98.4   93.5  93.3  99.1   95.4  97.1  98.9  99.7   99.9   99.2  99.5   99.8   99.5   99.7   99.8
5978.8  1.67258  83.5         91.7  95.5  98.4   93.5  93.0  99.1   95.4  97.1  98.9  99.7   99.9   99.1  99.5   99.8   99.5   99.7   99.8

5979.0  1.67252  82.5         91.3  95.4  98.4   93.2  92.3  99.2   95.3  97.1  98.9  99.7   99.9   99.0  99.5   99.8   99.5   99.7   99.8
5979.2  1.67246  81.9         90.7  95.3  98.3   92.5  91.5  99.0   95.3  97.1  98.9  99.6   99.9   99.0  99.5   99.8   99.5   99.7   99.8
5979.4  1.67241  81.1         90.2  95.1  98.1   92.0  91.3  98.8   95.2  97.1  98.9  99.6   99.9   99.0  99.4   99.8   99.5   99.7   99.8
5979.6  1.67235  80.9         90.3  94.8  98.1   92.0  91.4  98.7   95.2  97.1  98.9  99.6   99.9   99.0  99.3   99.8   99.5   99.7   99.8
5979.8  1.67230  81.7         90.5  94.8  98.2   92.3  92.0  98.9   95.1  97.1  98.9  99.6   99.9   99.0  99.3   99.7   99.5   99.7   99.8

5980.0  1.67224  82.9         91.5  94.9  98.2   93.2  92.7  99.1   95.1  97.1  98.9  99.6   99.9   99.1  99.3   99.7   99.5   99.7   99.8
5980.2  1.67218  83.5         91.9  95.1  98.3   93.8  93.1  99.2   95.1  97.1  98.9  99.6   99.9   99.1  99.3   99.7   99.5   99.7   99.8
5980.4  1.67213  83.9         91.8  95.1  98.3   94.0  93.3  99.2   95.0  97.1  98.9  99.5   99.9   99.3  99.3   99.7   99.5   99.7   99.7
5980.6  1.67207  83.3         91.4  95.2  98.4   93.7  93.2  99.2   95.0  97.1  98.9  99.5   99.9   99.4  99.4   99.7   99.5   99.7   99.7
5980.8  1.67202  82.0         90.8  95.3  98.5   93.0  92.7  99.2   95.0  97.1  98.9  99.5   99.9   99.4  99.6   99.7   99.5   99.7   99.7

5981.0  1.67196  81.0         90.4  95.1  98.3   92.4  91.8  99.1   95.0  97.1  98.9  99.5   99.9   99.3  99.4   99.7   99.5   99.7   99.7
5981.2  1.67191  80.6         90.3  94.8  98.2   92.1  91.2  99.0   95.0  97.1  98.8  99.5   99.9   99.2  99.2   99.7   99.5   99.7   99.7
5981.4  1.67185  80.7         90.3  94.6  98.2   92.1  91.2  99.0   95.0  97.1  98.8  99.5   99.9   99.2  99.1   99.7   99.5   99.6   99.7
5981.6  1.67179  81.2         90.5  94.7  98.2   92.3  92.0  98.9   95.0  97.1  98.8  99.5   99.9   99.1  99.2   99.7   99.5   99.6   99.7
5981.8  1.67174  81.9         90.8  94.8  98.2   92.8  92.7  99.0   95.0  97.1  98.8  99.5   99.9   99.1  99.3   99.7   99.5   99.6   99.7

5982.0  1.67168  82.9         91.1  94.8  98.2   93.2  93.0  99.1   95.0  97.1  98.7  99.5   99.9   99.2  99.4   99.7   99.5   99.6   99.7
5982.2  1.67163  83.3         91.4  94.9  98.2   93.4  92.7  99.1   95.0  97.1  98.7  99.5   99.9   99.2  99.5   99.5   99.5   99.6   99.7
5982.4  1.67157  83.2         91.2  95.0  98.2   93.1  92.1  99.1   95.0  97.0  98.7  99.5   99.9   99.3  99.7   99.5   99.5   99.6   99.7
5982.6  1.67151  82.2         90.1  94.9  98.2   92.7  91.7  99.1   95.0  97.0  98.5  99.5   99.9   99.3  99.7   99.5   99.5   99.6   99.7
5982.8  1.67146  81.1         89.9  94.8  98.2   92.4  91.5  99.0   95.0  97.0  98.5  99.5   99.9   99.2  99.5   99.5   99.5   99.6   99.7

5983.0  1.67140  80.5         90.1  94.6  98.2   92.2  91.4  99.0   95.0  97.0  98.5  99.5   99.9   99.2  99.3   99.5   99.5   99.6   99.7
5983.2  1.67135  80.4         90.1  94.6  98.2   92.2  91.6  99.0   95.0  97.0  98.5  99.5   99.9   99.2  99.3   99.5   99.5   99.6   99.7
5983.4  1.67129  80.9         90.1  94.6  98.2   92.2  92.0  99.0   94.9  97.0  98.5  99.5   99.9   99.2  99.4   99.5   99.5   99.6   99.7
5983.6  1.67123  81.1         90.3  94.6  98.2   92.4  92.1  99.0   94.9  97.0  98.5  99.5   99.9   99.2  99.4   99.5   99.5   99.6   99.7
5983.8  1.67118  81.4         90.3  94.6  98.2   92.5  92.3  99.0   94.9  97.0  98.5  99.5   99.9   99.3  99.4   99.5   99.5   99.6   99.7

5984.0  1.67112  81.3         90.2  94.6  98.2   92.7  92.3  99.0   94.9  97.0  98.5  99.5   99.9   99.4  99.4   99.5   99.5   99.6   99.5
5984.2  1.67107  81.0         90.0  94.6  98.2   92.5  91.7  99.0   94.9  97.0  98.5  99.5   99.9   99.4  99.3   99.5   99.4   99.6   99.5
5984.4  1.67101  80.7         89.9  94.5  98.1   92.3  91.5  99.0   94.9  97.0  98.5  99.5   99.9   99.5  99.3   99.5   99.4   99.6   99.5
5984.6  1.67096  80.5         89.9  94.4  98.1   92.2  91.6  99.0   94.8  96.9  98.4  99.5   99.9   99.5  99.2   99.5   99.4   99.6   99.5
5984.8  1.67090  80.5         90.0  94.4  98.1   92.2  91.8  99.0   94.8  96.9  98.4  99.5   99.9   99.4  99.3   99.5   99.4   99.5   99.5

5985.0  1.67084  80.6         90.2  94.4  98.1   92.4  91.9  99.0   94.8  96.9  98.4  99.5   99.9   99.3  99.3   99.5   99.4   99.5   99.5
5985.2  1.67079  80.3         90.2  94.4  98.1   92.5  91.9  99.0   94.8  96.9  98.4  99.5   99.9   99.2  99.4   99.5   99.4   99.5   99.5
5985.4  1.67073  80.2         89.9  94.3  98.0   92.7  91.7  99.0   94.8  96.8  98.4  99.5   99.9   99.2  99.4   99.5   99.4   99.5   99.5
5985.6  1.67068  79.5         89.3  94.1  98.0   92.1  91.4  98.8   94.7  96.8  98.3  99.5   99.9   99.2  99.4   99.5   99.4   99.5   99.5
5985.8  1.67062  79.2         89.1  94.1  97.9   91.8  91.1  98.8   94.7  96.8  98.3  99.5   99.9   99.2  99.4   99.5   99.4   99.5   99.5

5986.0  1.67056  79.0         88.8  94.1  97.9   91.5  91.0  98.8   94.7  96.7  98.3  99.5   99.8   99.2  99.3   99.3   99.4   99.5   99.5
5986.2  1.67051  79.0         89.0  94.0  97.8   91.3  91.1  98.8   94.7  96.7  98.3  99.5   99.8   99.2  99.3   99.5   99.4   99.5   99.7
5986.4  1.67045  79.7         89.4  94.1  97.9   91.3  91.5  98.9   94.6  96.7  98.3  99.5   99.8   99.2  99.3   99.5   99.4   99.5   99.8
5986.6  1.67040  80.4         89.7  94.2  97.9   91.8  91.8  98.9   94.6  96.6  98.3  99.5   99.8   99.2  99.2   99.5   99.4   99.5   99.8
5986.8  1.67034  80.4         89.8  94.3  97.9   92.2  91.9  99.0   94.5  96.6  98.2  99.5   99.8   99.2  99.2   99.4   99.4   99.5   99.8
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Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
p(atm)		2.50 x 10^{0}	2.53 x 10^{0}	2.53 x 10^{0}	2.50 x 10^{0}	2.00 x 10^{0}	1.00 x 10^{0}	1.00 x 10^{0}	1.46 x 10^{1}	1.00 x 10^{1}	1.00 x 10^{1}	1.00 x 10^{1}	1.00 x 10^{0}	2.30 x 10^{-1}	2.30 x 10^{-1}	1.16 x 10^{-1}	7.70 x 10^{-2}	7.70 x 10^{-2}	7.70 x 10^{-2}
P_e(atm)		3.29 x 10^{0}	3.32 x 10^{0}	3.32 x 10^{0}	3.29 x 10^{0}	2.62 x 10^{0}	1.31 x 10^{0}	1.31 x 10^{0}	2.03 x 10^{1}	1.36 x 10^{1}	1.36 x 10^{1}	1.36 x 10^{1}	1.36 x 10^{1}	9.99 x 10^{-1}	3.00 x 10^{-1}	1.50 x 10^{-1}	1.001 x 10^{0}	3.03 x 10^{-1}	1.001 x 10^{-1}
u (atm cm) STP		2.17 x 10^{5}	1.10 x 10^{5}	5.57 x 10^{4}	2.80 x 10^{4}	8.71 x 10^{4}	8.62 x 10^{4}	2.19 x 10^{4}	4.73 x 10^{4}	3.16 x 10^{4}	1.59 x 10^{4}	7.93 x 10^{3}	3.99 x 10^{3}	9.94 x 10^{3}	9.94 x 10^{3}	9.94 x 10^{3}	3.32 x 10^{3}	3.32 x 10^{3}	3.32 x 10^{3}
ν (cm^{-1})	λ (micron)	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100
5987.0	1.67029	79.3	89.4	94.2	97.7	92.2	91.4	98.9	94.5	95.5	98.2	99.5	99.8	99.2	99.4	99.4	99.3	99.5	99.5
5987.2	1.67023	78.4	88.5	93.9	97.5	91.9	90.1	98.7	94.4	95.5	98.2	99.5	99.8	99.3	99.5	99.4	99.3	99.5	99.4
5987.4	1.67017	76.5	87.9	93.6	97.5	91.1	89.8	98.4	94.4	95.5	98.2	99.5	99.8	99.3	99.4	99.4	99.3	99.5	99.4
5987.6	1.67012	75.7	87.3	93.5	97.4	90.3	89.9	98.3	94.3	95.4	98.2	99.5	99.8	99.2	99.3	99.4	99.3	99.5	99.4
5987.8	1.67006	75.5	87.5	93.6	97.5	90.0	90.0	98.3	94.3	95.4	98.2	99.5	99.8	99.2	99.0	99.4	99.3	99.5	99.4
5988.0	1.67001	76.9	88.5	93.7	97.7	90.0	91.1	98.4	94.3	95.3	98.2	99.5	99.8	99.1	98.8	99.4	99.3	99.4	99.4
5988.2	1.66995	78.5	89.4	94.0	97.9	90.5	92.2	98.7	94.2	95.3	98.2	99.4	99.8	99.1	98.9	99.4	99.3	99.4	99.4
5988.4	1.66990	79.7	89.5	94.2	97.3	91.5	92.3	98.9	94.2	95.2	98.2	99.4	99.8	99.1	99.1	99.4	99.3	99.4	99.4
5988.6	1.66984	79.7	89.2	94.2	97.5	92.5	91.5	98.9	94.1	95.1	98.2	99.4	99.8	99.1	99.2	99.4	99.3	99.4	99.4
5988.8	1.66978	78.2	88.1	93.8	97.4	92.5	90.1	98.5	94.1	95.1	98.2	99.4	99.8	99.2	99.4	99.4	99.3	99.4	99.5
5989.0	1.66973	75.5	86.9	93.1	97.0	91.5	89.4	98.0	94.0	95.0	98.2	99.4	99.8	99.2	99.5	99.4	99.3	99.4	99.5
5989.2	1.66967	73.5	86.3	92.8	96.9	89.5	87.3	97.9	93.9	95.0	98.2	99.4	99.8	99.0	99.2	99.3	99.3	99.4	99.3
5989.4	1.66962	72.7	86.2	92.7	96.9	88.9	87.2	97.9	93.8	95.9	98.2	99.4	99.8	98.8	99.0	99.3	99.3	99.4	99.5
5989.6	1.66956	73.3	87.0	93.0	97.1	88.5	89.6	98.1	93.8	95.9	98.2	99.4	99.8	98.5	99.0	99.5	99.3	99.4	99.4
5989.8	1.66950	76.2	88.1	93.6	97.3	89.2	90.6	98.7	93.7	95.9	98.2	99.4	99.8	98.5	99.1	99.3	99.2	99.4	99.3
5990.0	1.66945	78.4	89.0	94.1	97.4	90.5	91.7	99.0	93.7	95.9	98.2	99.4	99.8	98.5	99.2	99.3	99.2	99.4	99.5
5990.2	1.66939	79.2	88.9	94.1	97.3	91.5	91.9	99.0	93.5	95.8	98.2	99.4	99.6	98.8	99.4	99.3	99.2	99.4	99.5
5990.4	1.66934	78.8	87.7	93.7	97.1	92.1	90.8	98.7	93.5	95.8	98.2	99.3	99.6	98.9	99.8	99.3	99.2	99.5	99.5
5990.6	1.66928	75.5	86.4	93.3	96.7	91.9	89.4	98.2	93.5	95.6	98.2	99.3	99.6	98.9	99.7	99.3	99.2	99.5	99.5
5990.8	1.66923	72.3	85.2	92.5	96.5	90.3	85.5	97.2	93.4	95.6	98.2	99.3	99.6	99.1	99.5	99.2	99.2	99.4	99.5
5991.0	1.66917	70.9	84.5	91.8	96.6	88.2	85.6	97.7	93.3	95.7	98.2	99.2	99.6	98.9	99.1	99.3	99.2	99.2	99.5
5991.2	1.66911	70.7	84.5	91.9	96.4	86.9	85.2	97.7	93.3	95.7	98.2	99.2	99.6	98.7	98.8	99.2	99.2	99.0	99.5
5991.4	1.66906	72.0	85.7	92.3	96.3	86.7	89.2	98.0	93.2	95.7	98.1	99.2	99.6	98.5	98.6	99.1	99.2	98.9	99.4
5991.6	1.66900	75.0	87.5	93.2	97.1	87.7	90.0	98.4	93.1	95.6	98.1	99.1	99.6	98.5	98.7	99.0	99.2	99.2	99.4
5991.8	1.66895	77.7	88.7	93.8	97.3	89.7	91.3	98.3	93.0	95.6	98.1	99.1	99.6	98.3	98.9	99.1	99.2	99.4	99.4
5992.0	1.66889	78.7	88.5	93.6	97.1	91.4	91.8	99.0	92.9	95.6	98.1	99.1	99.6	99.1	99.3	99.2	99.2	99.4	99.5
5992.2	1.66884	77.0	87.0	93.3	96.7	92.1	90.5	98.5	92.7	95.5	98.0	99.1	99.8	99.3	99.6	99.3	99.2	99.5	99.3
5992.4	1.66878	73.7	85.1	92.4	96.2	91.3	87.8	97.3	92.5	95.5	98.0	99.0	99.8	99.3	99.4	99.4	99.2	99.4	99.3
5992.6	1.66872	70.0	83.5	91.5	95.3	90.3	85.4	97.2	92.5	95.5	98.0	99.0	99.8	98.9	99.2	99.3	99.1	99.4	99.3
5992.8	1.66867	67.5	82.7	90.9	95.3	87.4	83.7	96.9	92.4	95.4	97.9	99.0	99.6	98.7	98.9	99.0	99.1	99.3	99.7
5993.0	1.66861	67.9	83.0	91.1	96.1	85.4	84.5	96.9	92.3	95.4	97.9	99.0	99.6	98.4	98.4	98.7	99.1	99.1	99.5
5993.2	1.66856	70.3	84.7	91.7	96.3	85.0	87.4	97.7	92.2	95.3	97.3	99.0	99.8	98.3	98.1	98.7	99.1	99.0	99.5
5993.4	1.66850	74.5	87.3	92.8	97.1	86.9	89.7	98.3	92.1	95.2	97.3	99.0	99.6	98.5	98.3	98.3	99.1	99.1	99.4
5993.6	1.66845	77.4	88.3	93.5	97.3	89.5	91.4	98.5	92.0	95.1	97.3	99.0	99.8	98.3	98.7	99.0	99.1	99.2	99.5
5993.8	1.66839	77.9	87.5	93.6	97.0	91.4	91.9	98.5	91.9	95.0	97.7	99.0	99.6	99.0	99.1	99.2	99.1	99.4	99.5
5994.0	1.66834	75.5	85.9	93.0	96.3	91.7	90.2	98.2	91.8	94.9	97.7	99.0	99.8	99.2	99.4	99.4	99.2	99.5	99.5
5994.2	1.66829	70.3	83.3	91.9	95.5	90.2	85.8	97.2	91.7	94.8	97.7	99.0	99.8	99.0	99.4	99.0	99.2	99.4	99.5
5994.4	1.66822	66.3	81.3	90.5	95.2	87.5	83.8	96.4	91.5	94.7	97.5	99.0	99.8	98.7	99.1	98.5	99.3	99.0	99.5
5994.6	1.66817	64.1	80.3	89.0	95.1	84.7	82.3	96.0	91.3	94.6	97.5	98.9	99.8	98.3	98.6	98.3	99.1	98.9	99.5
5994.8	1.66811	65.0	80.9	89.9	95.5	82.9	83.1	96.2	91.2	94.6	97.5	98.9	99.7	98.0	97.9	98.3	99.0	99.2	99.5
5995.0	1.66806	67.7	82.9	90.6	96.3	82.9	85.3	96.9	91.0	94.5	97.5	98.9	99.7	98.1	97.7	98.5	98.8	99.3	99.4
5995.2	1.66800	71.5	85.7	91.8	96.7	85.4	89.6	98.0	90.9	94.4	97.5	98.9	99.7	98.3	98.4	98.5	99.0	99.3	99.2
5995.4	1.66795	75.4	86.5	92.5	96.3	88.5	91.0	98.5	90.8	94.3	97.4	98.9	99.7	98.9	99.1	99.0	99.2	99.7	99.3
5995.6	1.66789	75.0	86.3	92.6	96.4	90.3	91.4	98.5	90.7	94.1	97.4	98.9	99.7	99.3	99.4	99.2	99.3	99.7	99.7
5995.8	1.66783	71.3	83.5	91.7	95.5	90.3	89.5	97.7	90.5	94.0	97.3	98.8	99.7	99.4	99.5	99.1	99.3	99.6	99.3
5996.0	1.66778	66.3	80.9	90.3	94.7	88.0	85.6	96.5	90.5	93.9	97.3	98.8	99.7	98.3	99.1	99.0	99.0	99.2	99.7
5996.2	1.66772	62.5	78.5	89.9	94.3	84.2	81.8	95.4	90.4	93.8	97.2	98.8	99.7	98.2	98.5	98.5	98.9	99.0	99.7
5996.4	1.66767	60.5	77.4	89.0	94.2	80.7	80.2	94.9	90.3	93.7	97.2	98.8	99.7	97.9	97.9	98.5	98.3	99.0	99.5
5996.6	1.66761	61.1	78.4	89.2	94.9	80.2	81.0	95.3	90.2	93.6	97.1	98.8	99.7	97.3	97.6	98.5	98.7	99.0	99.3
5996.8	1.66756	65.3	81.0	89.6	95.3	82.3	84.8	96.7	90.1	93.5	97.1	98.8	99.7	98.2	98.0	98.7	98.7	99.2	98.3
5997.0	1.66750	70.9	83.5	91.0	96.2	86.5	89.7	97.7	89.9	93.4	97.0	98.7	99.7	98.9	98.6	98.9	98.8	99.5	99.0
5997.2	1.66744	72.5	84.7	91.5	96.1	89.1	90.9	98.2	89.3	93.4	97.0	98.7	99.7	99.3	99.2	99.0	98.8	99.6	99.4
5997.4	1.66739	71.2	83.3	91.2	95.4	89.1	89.7	97.9	89.7	93.3	96.9	98.7	99.7	99.4	99.2	99.0	98.8	99.4	99.7
5997.6	1.66733	65.3	80.1	[illegible]	94.4	87.4	85.7	96.7	89.5	93.2	96.3	98.7	99.7	99.0	98.6	97.7	98.7	98.9	99.7
5997.8	1.66728	59.2	76.3	[illegible]	93.4	83.3	81.3	95.2	89.4	93.0	96.3	98.6	99.7	97.7	98.1	97.5	98.2	98.6	99.5
5998.0	1.66722	56.3	74.9	85.5	93.5	79.3	73.5	94.2	89.3	92.9	96.7	98.6	99.7	97.2	97.3	97.4	98.1	98.6	99.3
5998.2	1.66717	56.2	74.9	85.5	93.3	78.2	77.8	94.1	89.2	92.8	96.7	98.6	99.7	97.1	97.1	97.5	98.2	98.9	98.9
5998.4	1.66711	59.4	77.9	87.5	94.7	79.9	79.9	95.2	89.0	92.6	96.5	98.5	99.7	97.7	97.6	97.7	98.4	99.0	98.7
5998.6	1.66706	65.7	80.9	89.2	95.3	84.1	84.9	96.9	88.9	92.5	96.5	98.5	99.7	98.4	98.5	98.1	98.5	99.1	98.8
5998.8	1.66700	68.9	82.4	91.4	95.7	87.4	88.7	97.5	88.7	92.3	96.5	98.4	99.7	99.1	99.4	98.9	98.5	99.2	98.9
5999.0	1.66694	68.4	81.1	90.2	95.1	87.4	88.6	97.5	88.5	92.2	96.4	98.4	99.7	[illegible]	99.3	98.1	98.5	99.0	99.4
5999.2	1.66689	64.1	78.2	89.7	94.1	84.4	85.7	96.4	88.3	92.6	96.3	98.4	99.7	98.6	98.4	97.5	98.3	98.7	99.5
5999.4	1.66683	59.0	74.6	[illegible]	93.1	80.0	81.3	94.2	88.2	91.8	96.2	98.3	99.6	97.5	97.8	97.2	98.1	98.6	99.2
5999.6	1.66678	54.2	72.4	85.4	92.5	76.7	77.0	93.3	88.0	91.7	96.1	98.3	99.6	96.9	97.2	95.9	98.1	[illegible]	99.0
5999.8	1.66672	52.4	72.2	84.5	92.5	75.2	74.9	93.3	87.3	[illegible]	96.1	98.3	99.6	96.5	95.8	95.9	98.1	[illegible]	98.3

6000.0	1.66667	54.9	[illegible]	[illegible]	[illegible]	76.4	[illegible]	[illegible]	87.5	[illegible]	[illegible]	[illegible]	99.5	97.3	[illegible]	[illegible]	98.2	[illegible]	[illegible]
6000.2	1.66661	59.2	76.2	[illegible]	94.2	[illegible]	[illegible]	[illegible]	87.4	91.4	[illegible]	[illegible]	99.2	97.3	[illegible]	97.5	99.4	99.1	98.9
6000.4	1.66656	62.7	78.4	[illegible]	94.1	84.4	[illegible]	95.4	87.2	91.4	95.4	[illegible]	99.4	98.5	[illegible]	[illegible]	98.5	99.1	99.1
6000.6	1.66650	62.8	78.5	[illegible]	[illegible]	84.5	[illegible]	[illegible]	87.1	[illegible]	[illegible]	[illegible]	[illegible]	98.5	[illegible]	[illegible]	98.5	99.1	99.2
6000.8	1.66644	59.5	76.0	[illegible]	93.5	81.8	[illegible]	[illegible]	86.9	91.1	[illegible]	[illegible]	99.4	97.3	98.6	97.5	98.1	98.9	[illegible]
6001.0	1.66639	55.0	72.2	95.4	92.5	77.0	81.5	94.3	86.7	91.0	95.5	98.0	99.4	97.1	97.7	[illegible]	97.8	98.4	99.2
6001.2	1.66633	50.2	70.1	94.3	91.5	74.3	75.9	93.0	86.5	90.8	95.5	98.0	99.4	96.7	97.0	[illegible]	97.3	[illegible]	[illegible]
6001.4	1.66628	47.9	69.0	93.1	91.5	73.4	73.9	92.7	86.3	90.7	95.4	98.0	99.4	96.4	[illegible]	[illegible]	97.8	99.0	98.4
6001.6	1.66622	48.8	71.1	[illegible]	92.1	73.9	73.6	92.9	86.1	90.5	95.4	97.9	99.4	96.5	97.1	[illegible]	97.9	98.2	98.3
6001.8	1.66617	53.4	74.4	94.9	93.1	78.1	75.3	[illegible]	86.0	90.4	95.3	97.9	99.4	97.4	97.8	97.7	98.1	98.5	98.4
6002.0	1.66611	58.1	76.2	95.0	93.7	81.4	81.3	95.4	85.9	90.3	95.2	97.9	99.4	98.1	98.5	98.0	98.3	98.8	98.7
6002.2	1.66606	59.5	75.9	95.9	94.0	82.0	84.2	96.2	85.8	90.2	95.1	97.9	99.4	98.3	98.9	98.1	98.2	98.6	99.0
6002.4	1.66600	56.1	73.9	[illegible]	93.1	79.9	83.5	96.1	85.5	90.1	95.1	97.8	99.4	97.9	98.8	97.5	98.1	99.2	99.2
6002.6	1.66594	50.2	70.9	95.5	92.1	76.4	80.1	94.9	85.5	90.0	95.0	97.8	99.4	97.3	97.6	96.9	97.9	98.2	99.1
6002.8	1.66589	46.4	68.5	93.6	91.3	73.5	75.7	93.3	85.4	89.9	94.9	97.8	99.4	96.4	95.8	96.5	97.9	98.2	98.7
6003.0	1.66583	45.7	67.5	92.2	91.1	71.9	72.7	92.5	85.3	89.8	94.9	97.8	99.4	96.3	95.4	96.9	98.0	99.1	98.4
6003.2	1.66579	47.5	68.5	91.8	91.2	71.9	71.5	92.5	85.1	89.8	94.9	97.8	99.4	96.7	95.6	97.2	98.1	98.2	98.3
6003.4	1.66572	51.3	71.1	92.4	92.1	75.2	73.2	93.5	85.0	89.7	94.8	97.7	99.4	97.4	97.2	97.5	98.3	98.4	98.5
6003.6	1.66567	54.4	73.5	93.9	92.3	78.5	75.3	94.7	84.9	89.6	94.8	97.7	99.4	97.9	98.6	97.9	98.4	98.5	98.8
6003.8	1.66561	55.1	73.3	95.1	92.9	80.3	79.9	95.5	84.8	89.5	94.8	97.7	99.4	98.2	98.4	97.9	98.5	[illegible]	98.9
6004.0	1.66556	53.3	72.3	93.1	92.4	79.3	81.6	95.0	84.8	89.5	94.8	97.7	99.4	98.0	98.2	97.5	98.5	98.6	99.1
6004.2	1.66550	48.7	69.7	94.2	91.5	77.3	79.2	93.9	84.7	89.4	94.7	97.7	99.4	97.2	97.5	97.1	98.5	99.4	99.2
6004.4	1.66545	45.4	66.3	92.6	90.3	73.7	75.4	93.0	84.5	89.3	94.7	97.7	99.3	96.5	95.7	96.3	98.4	98.2	99.1
6004.6	1.66539	43.7	66.3	91.4	90.5	71.2	72.3	92.3	84.5	89.3	94.5	97.6	99.3	96.1	95.4	96.7	98.2	98.2	98.8
6004.8	1.66533	44.5	66.9	91.1	90.5	70.3	71.7	92.3	84.4	89.2	94.5	97.6	99.2	96.2	95.4	96.9	98.3	98.4	98.7
6005.0	1.66528	48.0	68.9	91.7	91.1	71.9	71.2	93.0	84.4	89.1	94.5	97.6	99.2	96.5	[illegible]	97.1	98.3	98.6	98.7
6005.2	1.66522	50.9	70.9	92.9	92.0	75.7	74.2	94.1	84.3	89.1	94.5	97.6	99.2	97.0	97.8	97.4	98.7	98.9	99.0
6005.4	1.66517	52.1	71.9	93.8	92.3	78.0	78.2	95.0	84.2	89.0	94.5	97.6	99.2	97.5	98.3	98.0	98.8	98.9	99.4
6005.6	1.66511	51.5	71.5	94.5	92.3	78.9	80.1	95.3	84.1	89.0	94.5	97.6	99.2	97.9	98.3	98.2	98.5	98.8	99.5
6005.8	1.66506	49.0	69.9	93.9	92.0	76.9	79.6	94.3	84.0	89.0	94.4	97.6	99.2	97.5	98.0	97.9	98.4	98.6	99.3
6006.0	1.66500	45.9	67.5	92.9	91.1	74.2	75.9	93.5	84.0	88.9	94.4	97.6	99.2	97.2	97.2	97.5	98.2	[illegible]	99.3
6006.2	1.66495	43.1	65.9	91.5	90.5	71.7	73.7	92.5	83.9	88.9	94.4	97.5	99.2	96.5	95.6	97.1	97.9	98.4	98.8
6006.4	1.66489	42.7	65.7	91.8	90.5	70.9	71.6	92.5	83.9	88.9	94.4	97.6	99.2	96.4	95.3	97.0	98.1	98.4	98.5
6006.6	1.66484	44.1	66.9	91.0	90.5	71.7	71.0	92.5	83.9	88.9	94.4	97.5	99.3	96.5	95.4	97.2	98.3	98.6	98.5
6006.8	1.66478	46.7	68.5	92.0	91.3	73.7	72.3	93.3	83.9	88.9	94.4	97.5	99.3	96.9	95.6	97.5	98.4	[illegible]	98.7
6007.0	1.66472	49.2	69.9	93.2	91.3	75.9	75.2	94.5	83.9	88.9	94.4	97.5	99.3	97.4	97.2	98.1	98.5	98.3	98.9
6007.2	1.66467	50.1	70.5	93.8	92.0	77.3	78.1	94.9	83.9	88.9	94.4	97.4	99.3	97.3	97.8	98.1	98.5	99.0	99.0
6007.4	1.66461	49.4	70.4	93.8	91.5	76.9	78.9	94.4	83.9	88.9	94.4	97.4	99.3	97.5	98.0	97.9	98.3	98.5	99.0
6007.6	1.66456	46.7	68.3	92.5	91.0	73.7	75.7	93.3	83.9	88.9	94.4	97.4	99.3	97.5	97.7	97.4	98.2	98.3	99.1
6007.8	1.66450	44.5	66.7	92.0	90.5	71.5	73.6	92.9	83.9	88.9	94.4	97.4	99.2	96.5	97.3	97.2	98.0	98.2	99.0
6008.0	1.66445	43.5	66.1	[illegible]	90.4	71.0	71.7	92.5	83.9	88.9	94.4	97.4	99.2	96.2	95.7	97.0	98.0	98.5	98.8
6008.2	1.66439	44.0	66.3	91.2	90.5	71.5	71.2	92.7	84.0	88.9	94.4	97.4	99.2	96.5	95.4	97.1	98.1	98.4	98.7
6008.4	1.66434	45.7	67.3	[illegible]	91.1	73.1	72.5	93.5	84.0	88.9	94.4	97.4	99.2	96.7	95.7	97.3	98.3	98.5	98.7
6008.6	1.66428	47.9	69.2	92.4	91.5	74.8	75.1	94.1	84.0	88.9	94.4	97.4	99.2	97.1	97.3	97.8	98.5	98.6	98.9
6008.8	1.66423	49.9	70.2	93.1	91.7	76.2	77.5	94.5	84.0	88.9	94.4	97.4	99.2	97.5	97.7	97.9	98.5	98.6	99.1
6009.0	1.66417	50.0	70.5	93.5	91.7	76.4	78.3	94.5	84.0	88.9	94.4	97.4	99.2	97.5	97.8	97.5	98.5	98.6	99.2
6009.2	1.66412	48.0	69.3	92.8	91.5	74.2	77.2	93.9	84.0	89.0	94.4	97.4	99.2	97.4	97.3	97.5	98.5	98.5	99.2
6009.4	1.66406	46.8	68.0	92.2	91.0	72.5	74.6	93.1	84.1	89.0	94.4	97.4	99.2	97.0	97.0	97.1	98.5	98.2	99.0
6009.6	1.66400	44.5	67.1	91.7	90.9	71.7	72.6	93.1	84.1	89.0	94.4	97.4	99.2	96.7	95.8	97.1	98.5	98.3	98.9
6009.8	1.66395	44.2	67.0	91.7	90.9	72.7	71.8	93.1	84.2	89.1	94.4	97.4	99.2	96.5	95.6	97.3	98.5	98.5	98.7
6010.0	1.66389	45.1	67.5	92.0	91.2	74.0	72.7	93.5	84.3	89.1	94.4	97.4	99.3	96.7	95.9	97.5	98.5	98.6	98.8
6010.2	1.66384	46.9	68.9	92.6	91.7	75.2	74.9	94.1	84.4	89.2	94.4	97.4	99.3	97.0	97.0	97.3	98.5	98.6	99.1
6010.4	1.66378	49.0	70.1	93.2	91.9	76.2	75.8	94.5	84.5	89.3	94.4	97.4	99.3	97.2	97.2	97.9	98.7	98.6	99.2
6010.6	1.66373	49.9	70.7	93.6	91.9	76.5	77.5	94.5	84.5	89.3	94.4	97.4	99.3	97.3	97.5	97.9	98.7	98.7	99.2
6010.8	1.66367	49.7	70.5	93.8	91.7	75.7	77.0	94.1	84.7	89.4	94.4	97.4	99.3	97.4	97.6	97.5	98.5	98.6	99.2
6011.0	1.66362	48.5	69.9	93.2	91.5	74.1	75.5	93.7	84.8	89.6	94.5	97.4	99.3	97.1	97.4	97.4	98.4	98.5	99.1
6011.2	1.66356	47.3	68.9	92.9	91.5	73.5	73.4	93.5	84.9	89.7	94.5	97.4	99.3	96.8	95.9	97.2	98.3	98.4	99.0
6011.4	1.66351	47.2	68.4	92.7	91.3	74.1	73.0	93.5	85.0	89.8	94.5	97.4	99.3	96.7	95.9	97.1	98.3	98.4	98.9
6011.6	1.66345	47.4	68.7	92.9	91.5	75.0	74.4	93.7	85.1	89.9	94.7	97.4	99.3	96.7	97.0	97.2	98.5	98.5	98.8
6011.8	1.66340	48.5	69.9	93.4	91.3	76.2	75.8	94.3	85.3	90.0	94.8	97.4	99.3	97.1	97.1	97.5	98.8	98.7	99.0
6012.0	1.66334	50.1	71.2	94.1	91.9	77.4	77.4	94.3	85.4	90.2	94.8	97.4	99.3	97.3	97.3	97.5	99.0	98.8	99.1
6012.2	1.66328	51.2	71.9	94.5	92.0	77.9	78.3	94.9	85.5	90.3	94.9	97.4	99.3	97.7	97.5	97.8	98.9	98.8	99.2
6012.4	1.66323	51.9	72.1	94.6	92.0	77.1	78.1	94.9	85.6	90.5	94.9	97.4	99.3	97.3	97.6	97.9	98.5	98.9	99.2
6012.6	1.66317	51.9	72.0	94.3	92.0	76.2	77.1	94.5	85.8	90.6	95.0	97.5	99.3	97.4	97.6	97.9	98.3	98.8	99.2
6012.8	1.66312	51.2	71.5	94.2	92.0	76.2	75.2	94.2	86.0	90.7	95.0	97.5	99.3	97.0	97.3	97.9	98.4	98.9	99.0
6013.0	1.66306	50.9	71.4	94.3	92.1	76.9	75.2	94.3	86.3	90.9	95.1	97.5	99.3	97.0	97.2	98.0	98.2	98.8	98.9
6013.2	1.66301	51.5	71.5	94.5	92.2	77.7	77.0	94.5	86.4	91.0	95.2	97.5	99.3	97.1	97.3	98.0	98.2	98.8	99.1
6013.4	1.66295	52.4	72.4	94.9	92.5	78.1	77.7	94.9	86.5	91.1	95.2	97.5	99.4	97.5	97.5	98.1	98.4	98.5	99.2
6013.6	1.66290	53.4	73.3	95.2	92.7	79.2	78.8	95.2	86.9	91.1	95.3	97.5	99.4	97.7	97.7	98.1	98.5	98.8	99.4
6013.8	1.66284	54.4	74.0	95.6	92.7	79.3	79.7	95.5	87.0	91.2	95.4	97.6	99.4	97.7	97.8	98.1	98.8	98.8	99.5
6014.0	1.66279	55.2	74.3	95.9	92.7	78.9	80.2	95.2	87.1	91.3	95.4	97.6	99.4	97.5	97.7	98.1	98.8	98.8	99.4
6014.2	1.66273	55.5	74.4	95.1	92.3	78.5	80.1	95.1	87.3	91.4	95.5	97.6	99.4	97.5	97.8	98.1	98.8	98.8	99.3
6014.4	1.66268	55.1	74.4	95.9	93.0	79.0	79.9	95.1	87.5	91.6	95.5	97.7	99.4	97.3	97.5	98.2	98.8	98.8	99.2
6014.6	1.66262	55.4	74.5	95.1	93.2	79.7	79.8	95.2	87.3	91.7	95.7	97.7	99.4	97.4	97.5	98.2	98.7	98.8	99.1
6014.8	1.66257	56.5	74.9	95.6	93.3	80.5	80.3	95.4	88.0	91.8	95.8	97.8	99.4	97.5	97.6	98.1	98.5	98.8	99.2
6015.0	1.66251	57.4	75.5	97.0	93.5	81.0	81.1	95.5	88.3	92.0	95.9	97.8	99.4	97.5	97.8	97.8	98.5	98.7	99.4
6015.2	1.66246	58.1	76.3	97.3	93.8	81.5	81.8	95.5	88.5	92.1	95.9	97.9	99.4	97.8	98.1	97.8	98.5	98.7	99.4
6015.4	1.66240	58.9	77.0	97.6	94.0	81.9	82.3	95.7	88.7	92.2	96.0	97.9	99.4	97.9	98.2	98.0	98.5	98.7	99.2
6015.6	1.66234	59.7	77.4	97.7	94.1	82.0	82.4	95.5	88.9	92.4	96.1	98.0	99.4	97.7	98.2	98.2	98.5	98.7	99.2
6015.8	1.66229	60.4	78.0	98.0	94.2	82.2	82.6	96.0	89.1	92.6	96.2	98.0	99.4	98.1	97.9	98.3	98.5	98.7	[illegible]

Table 4-1 (cont'd)

Spec. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
p (atm)		2.50×10^{0}	2.53×10^{0}	2.53×10^{0}	2.50×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.46×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{0}	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}
P_e (atm)		3.29×10^{0}	3.32×10^{0}	3.32×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.00×10^{0}	3.03×10^{-1}	1.00×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}
u (atm cm) STP		2.17×10^{5}	1.10×10^{5}	5.57×10^{4}	2.80×10^{4}	8.71×10^{4}	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}
ν (cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
6016.0	1.66223	61.0	78.4	88.4	94.4	82.9	83.0	96.1	89.3	92.8	96.3	98.1	99.4	98.1	98.1	98.5	98.5	98.8	99.3			
6016.2	1.66218	61.9	79.3	88.8	94.5	83.7	83.9	96.2	89.5	92.9	96.4	98.1	99.4	98.0	98.2	98.5	98.7	98.8	99.4			
6016.4	1.66212	63.0	79.9	89.2	94.3	84.5	84.9	96.4	89.8	93.1	96.5	98.2	99.4	98.0	98.3	98.5	98.7	98.9	99.4			
6016.6	1.66207	64.2	80.5	89.6	95.1	84.9	85.4	96.5	90.0	93.3	96.5	98.2	99.4	98.2	98.4	98.5	98.9	98.9	99.4			
6016.8	1.66201	65.4	81.0	89.9	95.2	85.3	85.6	96.7	90.1	93.4	96.7	98.3	99.4	98.3	98.4	98.5	99.0	98.9	99.4			
6017.0	1.66196	66.5	81.5	90.1	95.3	85.7	85.7	96.9	90.2	93.5	96.8	98.3	99.5	98.3	98.4	98.7	99.1	98.9	99.4			
6017.2	1.66190	67.5	81.9	90.5	95.4	86.0	85.9	97.0	90.4	93.7	96.8	98.4	99.5	98.4	98.6	98.7	99.1	99.1	99.4			
6017.4	1.66185	68.3	82.3	90.7	95.7	86.4	86.4	97.0	90.5	93.8	96.9	98.4	99.6	98.4	98.6	98.7	99.1	99.2	99.4			
6017.6	1.66179	69.1	83.1	90.9	96.1	87.1	87.0	97.2	90.8	93.9	97.0	98.5	99.7	98.4	98.7	98.8	98.9	99.4	99.4			
6017.8	1.66174	70.1	84.1	91.5	96.4	88.2	87.8	97.5	91.0	94.1	97.0	98.5	99.7	98.4	98.8	98.9	98.7	99.4	99.4			
6018.0	1.66168	71.4	85.1	92.1	96.5	89.2	89.0	97.5	91.2	94.2	97.1	98.5	99.7	98.7	99.0	99.1	98.5	99.3	99.5			
6018.2	1.66163	73.3	85.9	92.5	96.7	89.8	89.8	98.0	91.3	94.3	97.2	98.5	99.7	98.8	99.1	99.4	98.5	99.3	99.5			
6018.4	1.66157	75.1	86.8	92.9	96.8	90.1	90.0	98.2	91.4	94.5	97.2	98.5	99.7	98.8	99.2	99.4	98.8	99.3	99.7			
6018.6	1.66152	76.4	87.4	93.1	97.0	90.3	90.1	98.4	91.5	94.6	97.3	98.5	99.6	98.9	99.0	99.4	98.9	99.2	99.7			
6018.8	1.66146	77.2	87.7	93.2	97.1	90.7	90.5	98.5	91.5	94.6	97.4	98.5	99.6	98.9	99.0	99.4	98.9	99.2	99.7			
6019.0	1.66141	78.1	88.3	93.5	97.3	91.1	91.1	98.7	91.5	94.5	97.4	98.5	99.6	99.0	99.0	99.4	98.8	99.2	99.7			
6019.2	1.66135	78.9	88.9	93.9	97.4	91.4	91.5	98.8	91.7	94.6	97.4	98.5	99.7	99.2	99.0	99.5	98.9	99.2	99.7			
6019.4	1.66130	79.5	89.4	94.1	97.4	91.7	92.1	99.1	91.7	94.6	97.4	98.5	99.7	99.4	99.1	99.5	98.9	99.2	99.7			
6019.6	1.66124	79.9	89.5	94.2	97.4	91.7	91.8	99.2	91.7	94.6	97.5	98.6	99.7	99.5	99.2	99.5	98.8	99.2	99.7			
6019.8	1.66118	79.4	89.5	94.0	97.0	91.3	90.2	98.8	91.8	94.5	97.5	98.6	99.7	99.7	99.5	99.5	98.8	99.3	99.7			
6020.0	1.66113	77.8	88.5	93.4	96.7	90.2	88.6	98.4	91.8	94.6	97.5	98.6	99.7	99.5	99.5	99.5	98.7	99.3	99.7			
6020.2	1.66107	75.6	87.2	92.7	96.5	88.7	87.6	98.0	91.8	94.6	97.5	98.6	99.7	99.3	99.4	99.4	98.5	99.3	99.7			
6020.4	1.66102	73.2	86.0	92.2	96.5	87.5	87.2	97.5	91.9	94.6	97.5	98.6	99.8	99.1	99.1	99.2	98.4	99.2	99.7			
6020.6	1.66096	72.1	85.5	92.1	96.7	87.2	87.5	97.4	91.9	94.6	97.5	98.6	99.8	98.8	98.8	99.1	98.4	99.2	99.5			
6020.8	1.66091	72.7	85.6	92.4	97.0	88.0	89.0	98.3	91.9	94.6	97.5	98.7	99.8	98.5	98.7	99.2	98.5	99.2	99.4			
6021.0	1.66085	74.7	86.5	93.0	97.4	89.5	91.1	98.9	92.0	94.6	97.5	98.7	99.8	98.7	98.6	99.3	98.5	99.1	99.3		100.0	100.0
6021.2	1.66080	77.0	88.1	93.5	97.5	90.9	92.3	99.1	92.0	94.5	97.5	98.7	99.8	98.8	98.8	99.4	98.5	99.1	99.3		100.0	100.0
6021.4	1.66074	79.1	89.3	94.0	97.5	91.8	92.5	99.2	92.0	94.6	97.5	98.7	99.8	98.9	98.9	99.4	98.7	99.1	99.5		100.0	100.0
6021.6	1.66069	80.2	89.8	94.2	97.7	92.1	92.4	99.2	92.0	94.6	97.5	98.7	99.8	99.2	99.3	99.5	98.8	99.1	99.8		100.0	100.0
6021.8	1.66063	80.5	90.0	94.2	97.8	92.0	92.2	99.2	92.0	94.6	97.5	98.7	99.8	99.4	99.4	99.5	98.9	99.1	99.8		100.0	100.0
6022.0	1.66058	80.7	90.1	94.2	97.8	91.9	91.8	99.2	91.9	94.6	97.5	98.6	99.8	99.5	99.4	99.7	98.9	99.2	99.9		100.0	100.0
6022.2	1.66052	80.4	90.0	94.1	97.7	92.0	91.5	99.2	91.8	94.5	97.5	98.8	99.8	99.5	99.5	99.7	99.2	99.3	99.9		100.0	100.0
6022.4	1.66047	79.3	89.7	94.0	97.4	91.6	90.9	99.2	91.7	94.6	97.5	98.8	99.8	99.7	99.5	99.5	99.3	99.3	99.8		100.0	100.0
6022.6	1.66041	77.5	89.1	93.6	97.0	90.9	90.3	99.0	91.5	94.5	97.5	98.8	99.8	99.7	99.5	99.5	99.2	99.2	99.5		100.0	100.0
6022.8	1.66036	76.2	88.2	93.2	96.8	89.9	89.7	98.5	91.3	94.5	97.5	98.5	99.8	99.6	99.4	99.5	99.1	99.2	99.7		100.0	100.0
6023.0	1.66030	74.4	86.3	92.3	96.5	88.5	88.6	98.2	91.0	94.4	97.5	98.8	99.3	99.4	99.2	99.4	99.1	99.2	99.8		100.0	100.0
6023.2	1.66025	72.2	85.5	91.6	96.2	87.4	87.1	98.1	90.7	94.2	97.4	98.7	99.8	99.1	99.1	99.3	99.0	99.1	99.8		100.0	100.0
6023.4	1.66019	69.8	84.3	91.0	95.9	86.5	85.1	98.0	90.3	93.9	97.4	98.7	99.8	98.9	99.0	99.2	98.9	99.0	99.8		100.0	100.0
6023.6	1.66014	68.2	83.4	90.8	95.7	85.7	85.9	97.8	90.0	93.7	97.3	98.7	99.8	98.9	98.8	99.0	98.8	99.0	99.5		100.0	100.0
6023.8	1.66008	67.7	82.9	90.6	95.5	85.5	85.7	97.7	89.3	93.5	97.2	98.6	99.8	98.9	98.5	98.9	98.8	98.9	99.5		100.0	100.0
6024.0	1.66003	67.5	82.7	90.5	95.1	85.7	85.5	97.5	89.7	93.3	97.1	98.6	99.7	98.9	98.5	98.7	98.9	98.9	99.5		100.0	100.0
6024.2	1.65997	66.9	82.4	90.2	95.0	85.4	84.9	97.3	89.5	93.1	97.0	98.5	99.7	98.9	98.5	98.6	99.2	98.9	99.5		100.0	100.0
6024.4	1.65992	66.2	81.8	89.8	94.8	84.3	84.1	97.0	89.2	92.9	96.9	98.5	99.7	98.9	98.4	98.7	99.2	99.0	99.5		100.0	100.0
6024.6	1.65986	65.0	80.9	89.3	94.5	83.9	83.2	96.5	88.9	92.6	96.8	98.4	99.7	98.8	98.3	98.3	98.9	99.0	99.5		100.0	100.0
6024.8	1.65981	63.5	79.5	88.7	94.0	82.8	82.3	96.4	88.5	92.4	96.7	98.4	99.7	98.8	98.5	98.7	98.7	98.9	99.5		100.0	100.0
6025.0	1.65975	61.9	78.4	88.1	93.4	81.7	81.5	95.9	88.3	92.1	96.5	98.3	99.7	98.5	98.6	98.5	98.5	98.8	99.5		100.0	100.0
6025.2	1.65970	60.0	77.4	87.5	93.5	81.0	80.5	95.8	88.0	91.8	96.5	98.3	99.6	98.4	98.6	98.4	98.4	98.6	99.5		100.0	100.0
6025.4	1.65964	58.4	76.4	85.9	93.4	80.4	80.0	95.7	87.7	91.6	96.4	98.2	99.6	98.3	98.4	98.3	98.4	98.6	99.5		100.0	100.0
6025.6	1.65959	56.9	75.9	85.5	93.5	79.8	79.7	95.5	87.4	91.3	96.3	98.2	99.5	98.2	98.2	98.2	98.4	98.6	99.5		100.0	100.0
6025.8	1.65953	56.0	75.3	85.4	93.2	79.4	79.5	95.5	87.0	91.1	96.2	98.1	99.5	98.1	98.0	98.0	98.4	98.6	99.5		100.0	100.0
6026.0	1.65948	55.5	74.9	85.8	93.1	79.1	79.5	95.4	86.5	90.9	96.1	98.1	99.4	98.0	97.9	97.9	98.4	98.7	99.5		100.0	100.0
6026.2	1.65942	55.2	74.7	85.7	92.9	78.8	79.3	95.1	86.3	90.7	95.9	98.0	99.4	97.9	97.8	97.3	98.8	98.8	99.4		100.0	100.0
6026.4	1.65937	54.5	74.4	85.5	92.7	78.5	79.0	95.1	86.0	90.5	95.8	97.9	99.4	97.6	97.7	97.8	98.8	98.9	99.4		100.0	100.0
6026.6	1.65931	54.1	73.9	85.4	92.5	78.2	79.8	94.9	85.5	90.4	95.7	97.8	99.4	97.5	97.7	97.9	98.7	98.9	99.4		100.0	100.0
6026.8	1.65926	53.4	73.4	[illegible]	[illegible]	77.7	79.1	94.7	85.3	90.1	95.5	97.7	99.4	97.3	97.7	98.0	98.7	98.9	99.4		100.0	100.0
6027.0	1.65920	52.3	72.5	84.5	91.5	77.2	75.2	94.3	85.0	89.4	95.4	[illegible]	99.3	98.1	[illegible]	98.0	98.7	98.9	99.4		100.0	100.0
6027.2	1.65915	50.3	71.3	[illegible]	91.4	76.5	[illegible]	93.5	84.7	[illegible]	95.5	97.6	99.3	98.0	97.8	97.8	98.7	[illegible]	99.4		100.0	[illegible]
6027.4	1.65909	49.0	70.1	[illegible]	[illegible]	75.2	74.4	93.4	84.4	[illegible]	95.2	97.6	99.3	97.9	97.9	[illegible]	98.7	[illegible]	99.4		100.0	[illegible]
6027.6	1.65904	47.5	68.9	82.4	[illegible]	73.7	72.9	93.2	84.2	89.4	95.1	97.5	99.2	97.7	97.9	97.5	98.3	98.5	99.4		100.0	[illegible]
6027.8	1.65898	46.8	67.9	82.2	[illegible]	73.0	[illegible]	93.3	83.9	89.2	95.0	[illegible]	99.2	97.5	[illegible]	97.4	98.2	98.6	99.3		100.0	[illegible]
6028.0	1.65893	46.7	67.8	[illegible]	91.3	73.1	[illegible]	[illegible]	83.5	[illegible]	94.9	97.5	99.1	97.4	[illegible]	97.2	98.1	98.2	99.0		100.0	100.0
6028.2	1.65887	47.4	68.4	82.6	91.4	73.8	[illegible]	[illegible]	83.3	88.8	94.3	97.4	[illegible]	97.2	97.2	97.2	98.1	[illegible]	99.2		100.0	[illegible]
6028.4	1.65881	48.5	69.0	82.9	91.3	74.9	75.5	94.1	[illegible]	88.6	94.7	[illegible]	[illegible]	97.0	[illegible]	97.4	98.1	[illegible]	99.2		100.0	[illegible]
6028.6	1.65876	48.7	69.4	[illegible]	[illegible]	75.3	75.6	[illegible]	82.8	88.4	94.5	97.3	[illegible]	97.0	[illegible]	97.5	98.2	98.5	99.3		100.0	[illegible]
6028.8	1.65870	48.0	68.9	[illegible]	89.4	[illegible]	72.6	92.4	82.6	[illegible]	94.5	97.3	[illegible]	97.4	[illegible]	[illegible]	98.4	98.4	99.3		100.0	[illegible]

6029.0	1.65865	46.0	67.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.1	[illegible]	94.4	[illegible]	99.0	97.4	[illegible]	[illegible]	98.7	99.6	99.4	100.0	100.0
6029.2	1.65859	42.9	65.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.3	[illegible]	99.1	97.4	[illegible]	[illegible]	98.4	99.7	99.4	100.0	100.0
6029.4	1.65854	39.5	63.4	[illegible]	[illegible]	67.5	57.4	91.4	[illegible]	[illegible]	94.2	[illegible]	94.9	97.3	97.4	97.5	98.1	99.2	99.3	100.0	100.0
6029.6	1.65848	38.9	62.5	[illegible]	89.9	67.5	[illegible]	92.3	81.3	[illegible]	94.1	[illegible]	99.9	96.7	94.9	97.1	97.9	97.9	98.9	100.0	100.0
6029.8	1.65843	40.2	62.5	79.2	90.1	[illegible]	[illegible]	93.3	81.2	[illegible]	94.1	[illegible]	[illegible]	96.1	[illegible]	[illegible]	97.5	97.9	98.7	100.0	100.0
6030.0	1.65837	42.9	64.1	[illegible]	90.2	72.0	75.2	93.5	81.1	95.4	93.9	95.9	99.9	96.1	95.9	97.0	97.6	99.1	99.0	100.0	100.0
6030.2	1.65832	44.5	65.7	81.2	89.5	73.7	[illegible]	93.1	80.9	95.6	93.3	95.9	99.9	96.4	[illegible]	97.2	97.9	99.5	99.2	99.9	100.0
6030.4	1.65826	44.5	66.5	[illegible]	88.7	73.5	72.5	92.0	80.7	95.7	93.7	95.8	99.9	94.3	95.4	97.2	98.2	99.5	99.3	99.9	100.0
6030.6	1.65821	43.1	65.3	[illegible]	88.1	71.5	[illegible]	90.9	80.4	95.5	93.5	95.7	99.8	97.3	97.0	97.1	98.2	99.4	99.3	99.9	100.0
6030.8	1.65815	40.0	63.7	[illegible]	[illegible]	68.5	[illegible]	90.1	80.3	95.4	93.5	95.7	99.8	97.4	97.2	97.0	98.0	99.3	98.9	99.9	100.0
6031.0	1.65810	37.2	61.4	[illegible]	87.9	65.5	[illegible]	90.3	80.2	[illegible]	93.4	95.6	99.8	96.9	97.1	96.3	97.9	99.1	98.5	99.9	100.0
6031.2	1.65804	35.5	59.9	[illegible]	[illegible]	65.2	[illegible]	91.0	80.0	95.9	93.4	95.6	99.8	96.5	95.5	96.5	97.7	97.9	98.5	99.9	100.0
6031.4	1.65799	36.4	59.4	[illegible]	[illegible]	66.4	[illegible]	91.7	79.7	95.6	93.3	95.5	99.8	95.9	95.8	96.5	97.6	97.9	98.5	99.9	100.0
6031.6	1.65793	37.5	60.1	[illegible]	[illegible]	68.5	[illegible]	[illegible]	79.5	95.6	93.2	95.5	99.8	95.5	93.4	96.4	97.9	99.1	98.9	99.9	100.0
6031.8	1.65788	39.1	61.4	[illegible]	[illegible]	69.9	[illegible]	[illegible]	79.2	95.5	93.1	95.4	99.8	95.9	95.6	96.7	97.8	99.2	98.9	99.9	100.0
6032.0	1.65782	39.5	62.2	79.2	88.5	69.2	70.0	91.4	79.1	95.5	93.0	95.4	99.8	96.1	95.1	96.9	98.0	99.5	98.9	99.9	100.0
6032.2	1.65777	38.1	61.5	[illegible]	87.4	67.3	57.6	90.9	[illegible]	95.5	93.0	95.3	99.7	96.2	95.5	96.9	98.2	99.1	98.3	99.9	100.0
6032.4	1.65772	36.4	60.7	[illegible]	87.4	65.7	[illegible]	90.3	78.9	95.4	92.9	95.3	99.7	96.3	[illegible]	96.7	98.1	97.9	98.7	99.9	100.0
6032.6	1.65766	35.5	59.7	[illegible]	87.7	65.4	57.0	90.9	[illegible]	95.2	92.4	95.5	99.7	96.2	95.4	96.5	97.9	97.9	98.7	99.9	100.0
6032.8	1.65761	35.2	59.4	[illegible]	87.3	66.0	57.4	90.9	78.4	[illegible]	92.7	95.2	99.6	95.9	95.2	96.5	97.9	99.0	98.3	99.9	100.0
6033.0	1.65755	34.9	59.2	[illegible]	87.0	66.1	57.3	90.7	78.2	[illegible]	92.7	[illegible]	99.6	95.9	[illegible]	96.5	98.0	97.9	98.9	99.9	100.0
6033.2	1.65750	34.0	58.9	[illegible]	86.5	65.0	55.2	[illegible]	[illegible]	94.4	92.5	[illegible]	99.6	95.4	[illegible]	96.4	98.1	[illegible]	98.9	99.9	100.0
6033.4	1.65744	32.3	57.9	74.9	86.5	63.3	54.4	89.5	77.9	94.4	92.5	[illegible]	99.6	96.1	[illegible]	96.2	98.2	[illegible]	98.7	99.9	100.0
6033.6	1.65739	31.9	56.7	[illegible]	86.7	62.5	53.2	89.3	77.5	94.4	92.4	95.1	99.6	96.2	[illegible]	96.1	98.2	97.7	98.5	99.9	100.0
6033.8	1.65733	31.9	56.3	75.0	87.3	63.0	53.6	89.5	77.4	94.3	92.2	[illegible]	99.5	96.0	[illegible]	96.0	98.1	97.5	98.4	99.9	100.0
6034.0	1.65728	33.2	57.1	75.6	88.1	64.9	55.5	91.0	77.3	94.3	92.1	[illegible]	99.5	95.6	[illegible]	96.1	98.1	97.4	98.4	99.9	99.9
6034.2	1.65722	36.4	59.0	77.9	88.3	68.3	70.6	92.0	77.2	94.3	92.1	[illegible]	99.5	95.1	95.1	96.2	98.1	97.6	98.5	99.9	99.9
6034.4	1.65717	39.4	60.9	77.9	87.4	69.9	73.0	92.1	77.1	94.2	92.0	[illegible]	99.5	95.3	95.4	96.4	98.3	99.0	99.0	99.9	99.9
6034.6	1.65711	39.5	61.5	75.9	85.9	68.4	72.3	90.7	77.0	[illegible]	91.9	[illegible]	99.5	95.7	[illegible]	96.7	98.3	99.4	99.0	99.9	99.9
6034.8	1.65706	36.7	60.5	74.8	84.7	64.5	59.6	88.5	76.9	93.9	91.9	[illegible]	99.5	96.7	97.1	96.9	98.4	99.4	98.7	99.9	99.9
6035.0	1.65700	31.9	56.5	[illegible]	84.4	60.2	53.4	87.1	76.3	93.6	91.9	95.4	99.4	96.5	[illegible]	96.7	98.4	[illegible]	98.3	99.9	99.9
6035.2	1.65695	28.4	53.5	[illegible]	85.0	57.2	59.5	86.7	76.5	93.4	91.7	[illegible]	99.3	95.7	[illegible]	96.2	98.3	97.6	97.3	99.9	99.9
6035.4	1.65689	29.9	52.4	[illegible]	86.9	59.4	50.5	88.7	76.5	93.4	91.7	[illegible]	99.3	94.5	[illegible]	95.5	97.7	97.5	97.7	99.9	99.9
6035.6	1.65684	33.5	54.5	[illegible]	88.2	63.9	55.1	[illegible]	76.3	93.3	91.5	[illegible]	99.3	93.9	93.6	95.4	97.7	97.2	98.2	99.9	99.9
6035.8	1.65679	38.5	58.9	73.4	88.5	69.9	[illegible]	[illegible]	76.2	93.2	91.5	[illegible]	99.3	93.9	[illegible]	95.9	97.9	97.6	98.9	99.9	99.9
6036.0	1.65673	41.9	62.3	79.6	88.2	72.5	[illegible]	92.5	76.0	93.5	91.5	95.7	99.3	95.4	[illegible]	[illegible]	98.3	99.2	99.2	99.9	99.9
6036.2	1.65667	40.9	62.7	75.4	85.9	69.4	74.1	91.4	75.9	93.3	91.5	95.7	99.3	97.0	95.6	96.5	98.6	99.4	99.1	99.9	99.9
6036.4	1.65662	36.3	60.4	[illegible]	84.1	63.2	59.2	88.5	75.7	93.5	91.5	[illegible]	99.3	97.3	[illegible]	[illegible]	94.5	99.0	98.6	99.9	99.9
6036.6	1.65656	30.7	56.1	[illegible]	[illegible]	57.3	63.2	85.3	[illegible]	92.9	91.4	[illegible]	99.3	96.5	[illegible]	95.5	98.3	97.7	98.1	99.9	99.9
6036.8	1.65651	27.1	51.9	[illegible]	83.5	54.3	[illegible]	[illegible]	75.3	92.7	91.3	95.7	99.3	95.5	95.1	94.9	97.9	97.2	97.9	99.9	99.9
6037.0	1.65645	27.1	49.9	[illegible]	85.1	57.5	57.4	[illegible]	75.2	92.4	91.2	95.7	99.3	94.3	[illegible]	94.5	97.9	[illegible]	98.0	99.9	99.9
6037.2	1.65640	31.2	51.5	[illegible]	[illegible]	63.0	52.1	89.3	[illegible]	92.2	91.1	95.7	99.3	93.1	93.2	[illegible]	97.3	[illegible]	98.3	99.9	99.9
6037.4	1.65634	35.0	54.9	[illegible]	87.3	67.5	53.3	91.1	74.9	92.2	91.1	95.7	99.3	93.4	[illegible]	95.7	97.5	97.6	98.9	99.9	99.9
6037.6	1.65629	36.9	[illegible]	[illegible]	87.3	68.1	71.9	91.7	74.7	92.1	91.0	95.7	99.3	94.5	[illegible]	96.2	98.0	99.1	99.1	99.9	99.9
6037.8	1.65623	36.3	59.3	[illegible]	86.4	64.7	71.0	90.9	74.6	92.1	91.0	95.6	99.3	95.9	95.4	96.5	98.4	99.2	99.0	99.9	99.9
6038.0	1.65619	33.2	57.9	[illegible]	85.2	61.0	57.6	[illegible]	74.5	92.1	90.9	95.6	99.3*	96.4	95.8	96.4	98.3	99.1	98.7	99.9	99.9
6038.2	1.65612	29.1	54.9	71.4	84.5	58.3	54.5	[illegible]	74.3	92.1	90.9	95.5	99.3	96.2	95.4	96.1	97.9	[illegible]	98.5	99.9	99.9
6038.4	1.65607	26.1	51.9	[illegible]	83.5	57.1	51.1	87.1	74.1	91.9	90.9	95.5	99.2	95.5	95.6	95.7	97.6	97.1	98.2	99.9	99.9
6038.6	1.65601	24.5	49.9	[illegible]	83.4	56.3	59.7	87.0	74.0	91.7	90.9	95.4	99.2	94.3	94.8	95.5	97.5	97.2	98.1	99.9	99.9
6038.8	1.65596	24.0	48.9	69.2	83.3	56.1	59.5	[illegible]	73.9	91.4	90.9	95.4	99.2	94.2	94.4	95.4	97.4	97.2	98.1	99.9	99.9
6039.0	1.65590	24.7	48.5	[illegible]	83.7	57.0	59.9	87.1	73.7	91.2	90.7	[illegible]	99.1	94.1	94.4	[illegible]	97.4	97.5	98.2	99.8	99.9
6039.2	1.65585	26.0	49.5	70.6	84.5	59.0	51.7	87.5	73.5	91.2	90.5	95.2	99.1	94.2	[illegible]	[illegible]	97.5	[illegible]	98.3	99.8	99.9
6039.4	1.65579	27.5	51.5	[illegible]	85.4	61.7	52.3	88.5	73.3	91.1	90.5	95.1	99.1	94.3	[illegible]	95.3	97.4	97.4	98.2	99.7	99.9
6039.6	1.65574	29.5	53.9	73.2	86.2	63.7	54.6	89.7	73.0	91.1	90.5	95.1	99.1	94.5	[illegible]	95.5	97.9	97.6	98.3	99.7	99.9
6039.8	1.65569	32.1	55.5	[illegible]	86.1	65.1	57.7	90.4	72.9	91.0	90.4	95.0	99.0	94.9	[illegible]	[illegible]	98.0	97.4	98.5	99.7	99.9
6040.0	1.65563	33.2	56.2	[illegible]	84.9	65.2	59.2	90.4	72.7	90.9	90.3	94.9	98.0	95.3	95.0	96.2	98.5	99.2	98.7	99.7	99.9
6040.2	1.65557	31.4	55.2	71.1	83.1	62.7	59.7	[illegible]	72.5	90.5	90.2	94.9	97.9	95.7	95.5	95.9	98.1	99.2	98.5	99.7	99.9
6040.4	1.65552	27.7	51.9	[illegible]	81.3	57.4	55.6	86.3	72.4	90.2	90.1	94.8	97.9	95.9	95.6	95.4	97.7	99.2	98.2	99.7	99.9
6040.6	1.65546	24.1	47.5	55.2	80.7	52.2	51.2	84.2	72.1	90.0	89.9	94.8	97.9	95.5	95.6	94.9	97.2	97.5	97.5	99.7	99.9
6040.8	1.65541	[illegible]	45.0	53.2	81.4	50.9	55.3	83.7	71.9	[illegible]	89.9	94.7	97.8	93.3	94.2	94.5	96.5	[illegible]	97.2	99.7	99.9
6041.0	1.65535	[illegible]	45.7	57.2	83.5	55.3	55.0	85.5	[illegible]	[illegible]	89.7	94.7	97.8	91.9	92.5	94.2	96.5	[illegible]	97.3	99.7	99.9
6041.2	1.65530	[illegible]	49.7	[illegible]	85.7	63.0	59.5	[illegible]	71.2	[illegible]	89.5	94.6	[illegible]	91.9	92.3	94.5	96.4	[illegible]	97.9	99.7	99.9
6041.4	1.65525	[illegible]	55.1	74.1	87.0	69.3	55.2	[illegible]	70.9	[illegible]	89.5	[illegible]	97.8	93.5	93.7	95.5	97.3	[illegible]	98.5	99.7	99.9
6041.6	1.65519	37.2	58.3	[illegible]	[illegible]	68.9	73.0	92.1	70.6	[illegible]	89.4	94.5	97.8	95.4	[illegible]	[illegible]	98.0	[illegible]	99.1	99.7	99.9
6041.8	1.65514	[illegible]	57.1	[illegible]	[illegible]	64.1	[illegible]	89.5	70.4	[illegible]	89.4	94.5	97.7	96.7	[illegible]	96.7	98.3	[illegible]	99.1	99.7	99.9
6042.0	1.65509	28.7	53.2	[illegible]	80.4	56.7	59.3	86.2	[illegible]	[illegible]	89.3	94.4	97.7	95.9	[illegible]	96.3	97.3	[illegible]	98.4	99.7	99.9
6042.2	1.65503	22.4	48.3	[illegible]	[illegible]	50.1	51.9	83.3	69.3	79.5	89.1	[illegible]	97.7	95.4	[illegible]	[illegible]	96.2	[illegible]	97.5	99.7	99.9
6042.4	1.65497	20.2	43.1	52.1	76.4	47.0	55.2	81.5	[illegible]	79.0	88.9	94.3	97.7	93.2	[illegible]	[illegible]	[illegible]	[illegible]	97.1	99.7	99.9
6042.6	1.65492	20.7	41.5	53.2	80.0	48.0	53.7	[illegible]	69.1	77.8	88.7	[illegible]	97.7	91.3	[illegible]	[illegible]	96.1	[illegible]	97.0	99.7	99.9
6042.8	1.65486	[illegible]	45.0	[illegible]	[illegible]	[illegible]	55.4	85.5	68.7	77.6	88.5	94.2	97.7	90.5	[illegible]	[illegible]	96.4	[illegible]	97.4	99.7	99.9
6043.0	1.65481	[illegible]	[illegible]	[illegible]	[illegible]	63.9	53.5	[illegible]	68.6	[illegible]	[illegible]	[illegible]	[illegible]	91.5	[illegible]	[illegible]	[illegible]	97.4	98.2	99.7	[illegible]
6043.2	1.65475	[illegible]	53.9	[illegible]	[illegible]	66.6	59.6	90.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.0	[illegible]	[illegible]	97.3	99.2	[illegible]	99.7	[illegible]
6043.4	1.65470	[illegible]	54.9	[illegible]	[illegible]	63.5	[illegible]	[illegible]	[illegible]	[illegible]	88.5	[illegible]	97.5	[illegible]	[illegible]	[illegible]	98.3	[illegible]	[illegible]	99.7	[illegible]
6043.6	1.65464	[illegible]	52.3	[illegible]	[illegible]	58.0	[illegible]	[illegible]	67.4	[illegible]	88.1	[illegible]	97.4	96.4	[illegible]	[illegible]	98.0	[illegible]	[illegible]	99.7	[illegible]
6043.8	1.65459	[illegible]	47.5	[illegible]	[illegible]	52.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.4	95.3	[illegible]	[illegible]	97.3	97.4	98.3	99.7	[illegible]
6044.0	1.65453	[illegible]	[illegible]	[illegible]	[illegible]	46.4	[illegible]	81.1	[illegible]	[illegible]	[illegible]	[illegible]	97.3	93.9	[illegible]	[illegible]	[illegible]	[illegible]	97.5	99.7	[illegible]
6044.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.0	[illegible]	66.3	[illegible]	87.3	93.6	97.3	91.7	[illegible]	[illegible]	96.3	[illegible]	[illegible]	99.7	[illegible]
6044.4	1.65442	[illegible]	36.9	[illegible]	[illegible]	43.7	43.9	[illegible]	65.9	75.1	87.2	93.5	97.2	90.5	[illegible]	[illegible]	96.2	[illegible]	[illegible]	99.7	[illegible]
6044.6	1.65437	[illegible]	39.5	55.2	[illegible]	50.0	50.2	83.4	65.4	[illegible]	87.1	[illegible]	97.2	90.1	[illegible]	[illegible]	96.5	[illegible]	[illegible]	99.7	[illegible]
6044.8	1.65431	[illegible]	45.4	[illegible]	83.1	58.5	55.5	[illegible]	[illegible]	[illegible]	87.1	93.4	[illegible]	91.2	[illegible]	[illegible]	97.4	[illegible]	[illegible]	99.7	[illegible]

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
p(atm)		2.50×10^{0}	2.53×10^{0}	2.53×10^{0}	2.50×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.46×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{0}	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}
P_e(atm)		3.29×10^{0}	3.32×10^{0}	3.32×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}
u (atm cm) STP		2.17×10^{5}	1.10×10^{5}	5.57×10^{4}	2.80×10^{4}	8.71×10^{4}	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}
ν (cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
6045.0	1.65426	28.5	49.9	59.4	83.5	62.3	54.9	89.7	64.5	74.7	86.9	93.2	97.1	93.8	94.1	95.5	97.9	97.9	98.5		99.7	99.7
6045.2	1.65420	28.7	51.4	59.1	82.0	61.4	59.6	89.4	64.2	74.5	86.7	93.0	97.0	95.5	96.5	96.4	97.9	98.4	99.0		99.7	99.5
6045.4	1.65415	25.7	49.5	55.7	79.5	56.3	55.9	87.0	63.9	73.7	86.5	92.9	97.0	95.0	97.2	96.5	97.5	97.9	98.9		99.7	99.2
6045.6	1.65410	21.5	45.0	51.7	75.4	50.3	51.9	83.2	63.3	73.0	86.1	92.8	96.4	95.0	95.4	95.9	95.8	95.9	98.2		99.7	99.5
6045.8	1.65404	16.2	39.5	46.7	73.4	44.0	55.0	79.5	62.7	72.5	85.7	92.7	95.3	92.6	94.7	94.5	96.3	95.1	97.5		99.7	99.6
6046.0	1.65399	14.0	34.5	54.7	73.1	39.5	51.0	77.7	62.2	72.2	85.5	92.7	96.8	90.4	92.4	93.5	95.5	95.4	95.9		99.6	99.1
6046.2	1.65393	14.5	33.3	55.4	74.4	40.1	47.9	78.3	61.5	72.0	85.3	92.5	96.6	89.5	91.4	93.5	95.3	95.2	96.5		99.5	99.4
6046.4	1.65388	17.5	36.3	59.4	78.5	46.5	49.4	83.5	61.1	71.9	85.2	92.5	95.5	88.9	91.7	93.9	96.0	95.7	96.3		99.4	99.4
6046.6	1.65382	22.7	41.7	64.5	81.3	54.7	55.7	87.4	60.5	71.7	85.1	92.4	95.5	90.8	91.9	94.5	96.7	95.6	97.3		99.4	99.5
6046.8	1.65377	24.9	46.1	65.9	81.5	58.9	53.6	88.4	60.2	71.5	84.9	92.3	95.4	93.7	95.3	94.9	97.4	97.6	98.0		99.3	99.7
6047.0	1.55371	24.0	47.1	55.7	85.5	57.9	55.9	87.5	59.8	71.5	84.7	92.1	95.3	96.1	95.7	95.1	97.3	99.5	99.3		99.3	99.5
6047.2	1.65366	21.3	44.3	51.5	86.9	53.1	55.5	84.9	59.4	57.9	84.4	91.9	95.2	95.5	97.1	94.9	96.7	97.3	98.4		99.3	99.5
6047.4	1.65360	17.3	40.5	57.5	82.5	46.4	59.9	81.0	58.3	59.2	84.0	91.8	95.2	93.8	95.4	94.1	95.3	95.5	98.2		99.3	99.4
6047.6	1.65355	14.1	34.9	52.7	80.0	39.1	53.7	76.5	58.3	53.8	83.7	91.6	95.1	91.2	93.2	93.5	94.9	95.1	97.4		99.3	99.5
6047.8	1.65349	11.4	29.8	51.0	79.5	34.1	45.3	74.5	57.7	53.6	83.5	91.5	95.1	88.5	91.7	93.3	94.5	94.5	96.5		99.2	99.5
6048.0	1.65344	11.9	29.1	51.4	72.5	35.3	43.6	76.5	57.1	53.6	83.4	91.5	95.0	87.2	90.7	93.9	94.9	94.8	96.3		99.2	99.5
6048.2	1.65338	15.8	32.9	55.5	77.4	43.9	45.4	81.0	56.5	53.4	83.2	91.4	95.0	87.9	93.9	95.2	95.3	95.8	96.4		99.2	99.4
6048.4	1.65333	20.0	38.5	51.7	79.5	53.1	54.4	86.2	56.2	57.9	83.3	91.2	95.9	90.4	91.2	96.2	97.0	97.5	97.3		99.2	99.7
6048.6	1.65328	22.5	43.2	64.4	79.3	57.5	53.3	88.5	55.3	57.2	82.7	91.1	95.5	92.9	95.1	96.7	97.3	98.3	98.4		99.0	99.7
6048.8	1.65322	22.1	44.5	53.5	76.5	56.4	57.1	87.3	55.3	55.5	82.4	90.9	95.5	95.9	97.2	96.1	97.5	93.1	99.1		99.1	99.7
6049.0	1.65317	18.5	41.5	57.4	72.0	51.1	53.5	82.5	54.6	55.9	82.0	90.7	95.5	95.7	97.1	95.2	96.4	97.0	99.1		99.0	99.3
6049.2	1.65311	14.5	36.1	51.8	57.5	43.1	55.0	76.7	53.9	55.4	81.5	90.5	93.3	93.1	95.5	94.3	95.1	95.6	98.5		99.0	99.1
6049.4	1.65306	11.5	29.9	43.2	55.4	33.9	48.5	72.7	53.3	55.1	81.3	90.3	95.2	89.7	92.7	93.5	94.0	94.6	97.1		98.9	99.5
6049.6	1.65300	10.7	26.5	45.7	66.9	30.3	43.7	73.3	52.9	54.9	81.1	90.1	95.1	86.9	90.2	93.3	93.4	94.2	96.0		98.9	99.5
6049.8	1.65295	11.5	27.2	49.1	71.5	35.2	44.9	77.5	52.4	54.6	81.0	90.0	95.0	85.4	88.8	94.2	93.3	94.5	95.3		98.9	99.2
6050.0	1.65289	14.7	31.1	53.4	75.5	43.9	53.1	83.5	51.9	54.4	80.3	89.8	95.0	86.0	89.7	95.4	95.5	95.8	95.5		98.9	99.5
6050.2	1.65284	18.2	36.2	59.5	77.4	51.5	51.7	87.1	51.5	54.0	80.5	89.7	94.9	89.2	91.7	96.2	96.5	97.3	97.5		98.9	99.5
6050.4	1.65278	19.7	40.0	61.7	75.5	52.9	55.4	87.0	51.0	53.3	80.2	89.6	94.8	93.3	94.9	96.5	97.2	98.2	98.7		98.9	99.5
6050.6	1.65273	17.5	40.2	59.4	70.2	48.9	52.4	82.9	50.5	52.5	79.3	89.4	94.6	95.4	95.8	96.0	97.0	98.0	99.1		98.8	99.5
6050.8	1.65267	13.2	35.7	54.4	65.5	42.9	54.1	76.5	49.9	51.8	79.3	89.1	94.6	94.7	95.8	95.0	96.0	95.9	98.7		98.8	99.4
6051.0	1.65262	10.6	30.3	47.5	62.5	35.5	44.6	71.5	49.4	51.3	78.8	89.9	94.5	91.9	94.8	93.3	94.4	95.2	97.5		98.9	99.8
6051.2	1.65256	8.1	25.0	43.5	62.2	27.5	39.9	69.5	48.8	50.9	78.5	88.7	94.4	88.1	91.0	92.7	92.7	93.6	96.5		98.8	99.7
6051.4	1.65251	7.3	21.5	42.2	64.5	26.7	37.9	72.1	48.2	50.6	78.3	88.6	94.3	84.5	89.2	92.5	92.1	93.5	95.5		98.8	99.9
6051.6	1.65246	7.5	22.1	44.8	65.5	33.0	42.2	78.2	47.5	51.5	78.2	88.5	94.2	83.7	87.6	93.2	92.9	94.0	95.7		98.8	99.1
6051.8	1.65240	10.2	27.5	49.5	66.9	41.3	52.5	83.5	47.1	50.5	77.9	88.3	94.1	85.1	88.9	94.1	94.9	95.6	96.3		98.7	99.5
6052.0	1.65235	13.5	32.2	55.1	69.3	47.1	59.5	85.7	46.5	59.8	77.7	88.2	94.0	88.9	90.8	95.3	96.2	97.1	97.4		98.7	99.4
6052.2	1.65229	14.5	34.4	55.9	69.5	47.5	50.2	83.4	46.2	59.0	77.4	89.0	94.0	92.7	93.6	96.2	96.9	98.1	98.3		98.7	99.3
6052.4	1.65224	12.9	33.5	54.0	63.9	43.1	55.1	77.5	45.7	53.2	77.1	87.8	93.9	94.5	95.5	95.7	96.2	99.0	98.4		98.7	99.0
6052.6	1.65218	9.9	30.1	43.4	60.1	36.5	45.5	71.2	45.2	57.6	76.7	87.6	93.8	93.5	95.7	94.5	94.4	95.5	97.5		98.7	99.6
6052.8	1.65213	6.8	24.9	41.5	58.3	29.0	39.0	67.5	44.5	57.2	76.3	87.4	93.7	89.5	94.2	92.5	92.7	94.7	96.7		98.7	99.4
6053.0	1.65207	5.7	20.0	37.6	60.5	23.4	35.6	67.1	44.2	55.8	76.1	87.2	93.7	86.1	91.1	92.1	91.7	93.9	95.7		98.5	99.4
6053.2	1.65202	5.3	18.2	37.4	65.0	25.3	39.2	72.5	43.7	55.6	75.8	87.1	93.6	83.2	89.0	92.3	91.5	93.0	94.7		98.5	99.5
6053.4	1.65196	7.1	18.3	41.5	70.1	32.1	47.5	79.9	43.3	55.6	75.5	86.9	93.5	82.1	85.8	93.2	92.9	93.6	95.5		98.6	99.4
6053.6	1.65191	8.9	24.0	45.4	71.0	40.2	55.1	84.1	42.8	55.3	75.4	86.8	93.4	83.9	87.9	94.2	94.5	95.3	96.7		98.5	99.0
6053.8	1.65186	10.5	28.7	50.7	68.5	44.4	57.8	83.9	42.4	55.8	75.1	86.7	93.3	87.9	90.6	96.0	96.2	97.2	97.9		98.5	99.2
6054.0	1.65180	11.3	30.4	51.1	63.9	43.4	55.2	79.7	41.9	55.3	74.7	85.6	93.2	92.1	93.8	95.3	96.9	99.1	98.5		98.5	99.1
6054.2	1.65175	9.7	29.0	47.5	58.5	38.3	49.1	73.2	41.4	54.6	74.3	85.4	93.1	94.5	95.4	94.5	96.4	97.4	98.3		98.4	99.4
6054.4	1.65169	7.3	25.3	42.5	55.1	30.3	39.1	67.2	41.0	53.9	73.9	85.1	93.0	92.9	95.7	93.4	94.2	94.9	97.0		98.4	99.4
6054.6	1.65164	5.4	20.8	35.5	55.9	22.9	33.9	64.7	40.5	53.4	73.4	85.0	92.9	88.5	92.5	91.9	91.9	93.3	95.4		98.4	99.2
6054.8	1.65158	4.3	16.9	34.0	59.9	20.3	34.5	68.4	40.1	53.3	73.3	85.7	92.9	84.0	89.1	91.7	90.7	92.4	94.4		98.4	99.5
6055.0	1.65153	4.7	16.2	35.4	65.3	24.3	42.2	75.0	39.7	52.9	73.1	85.7	92.8	81.0	85.5	92.1	90.7	92.6	94.5		98.4	99.5
6055.2	1.65147	6.0	18.2	40.0	68.2	31.9	51.5	62.0	39.3	52.6	73.0	85.6	92.8	80.4	95.6	92.3	91.9	93.8	95.5		98.4	99.4
6055.4	1.65142	7.5	22.1	45.5	66.3	38.5	55.4	82.7	38.9	52.4	72.7	85.4	92.7	82.7	87.0	95.3	93.9	95.6	97.0		98.4	99.1
6055.6	1.65136	8.7	26.2	43.3	62.2	40.5	52.6	78.1	38.5	52.1	72.4	85.2	92.5	87.5	90.5	95.3	95.7	97.6	98.1		98.4	99.4
6055.8	1.65131	9.3	26.9	45.5	56.1	37.5	45.7	71.3	38.1	51.7	72.1	85.0	92.4	92.9	95.7	95.4	96.5	98.0	98.5		98.3	99.7
6056.0	1.65125	7.4	24.0	39.5	52.3	31.5	37.8	65.4	37.7	50.9	71.5	84.8	92.3	93.3	95.6	94.0	94.7	95.5	97.9		98.3	99.4
6056.2	1.65120	5.0	19.4	34.1	51.9	24.5	31.8	63.0	37.3	50.4	71.2	84.6	92.2	91.0	95.0	91.9	92.5	94.4	96.2		98.3	97.4
6056.4	1.65115	3.9	15.7	31.2	55.7	18.4	31.5	66.7	37.0	50.0	70.8	84.4	92.1	86.0	91.2	90.4	91.1	92.7	95.0		98.3	97.7
6056.6	1.65109	3.8	13.5	31.5	61.4	18.0	40.5	74.7	36.5	49.6	70.7	84.3	92.1	81.1	87.2	90.0	90.1	91.7	94.4		98.3	99.0
6056.8	1.65104	4.4	14.0	34.9	64.9	25.9	47.5	80.5	36.3	49.5	70.7	84.3	92.0	78.5	84.8	90.2	90.1	91.9	95.0		98.3	99.3
6057.0	1.65098	5.5	17.1	41.2	64.7	32.5	51.5	81.5	35.9	49.5	70.5	84.2	92.0	78.7	84.8	92.0	91.3	93.5	96.3		98.3	99.6
6057.2	1.65093	6.8	20.1	44.9	60.9	36.4	50.1	78.9	35.5	49.3	70.3	84.0	91.9	81.5	87.8	93.5	94.3	95.9	97.5		98.3	99.8
6057.4	1.65087	6.7	22.7	43.4	55.2	36.4	44.2	73.0	35.1	48.8	70.0	83.8	91.8	88.4	92.0	94.0	95.5	97.5	98.3		98.3	99.8
6057.6	1.65082	6.0	22.2	40.1	50.3	32.7	35.8	65.0	34.7	48.4	69.7	83.6	91.7	91.9	95.2	93.5	95.2	97.5	98.2		98.2	99.4
6057.8	1.65076	4.5	19.2	34.6	49.1	26.4	30.5	60.9	34.5	48.0	69.4	83.4	91.6	91.2	95.9	92.3	93.5	95.3	96.5		98.2	99.1

[illegible]	1.45171	3.1	15.5	[illegible]	[illegible]	19.5	33.2	60.5	34.2	47.6	[illegible]	[illegible]	[illegible]	87.3	[illegible]	91.2	91.5	[illegible]	94.7	98.2	[illegible]
[illegible]	1.45166	[illegible]	12.3	[illegible]	[illegible]	16.9	32.4	66.3	33.9	47.2	[illegible]	[illegible]	[illegible]	83.3	95.9	90.5	90.1	91.7	94.1	98.2	[illegible]
[illegible]	1.45160	[illegible]	11.5	[illegible]	[illegible]	18.5	39.6	73.4	33.7	[illegible]	[illegible]	[illegible]	[illegible]	78.7	95.3	90.5	89.3	90.9	94.5	98.2	[illegible]
[illegible]	1.45155	3.4	13.7	[illegible]	[illegible]	23.4	47.1	79.7	33.4	[illegible]	[illegible]	[illegible]	[illegible]	74.3	93.4	92.2	90.2	[illegible]	95.4	98.2	[illegible]
[illegible]	1.45149	[illegible]	17.2	[illegible]	61.2	29.2	[illegible]	79.5	33.1	[illegible]	[illegible]	[illegible]	[illegible]	78.4	95.1	94.1	93.4	[illegible]	97.3	98.2	[illegible]
6059.0	1.45144	[illegible]	19.5	[illegible]	[illegible]	34.7	45.7	72.4	33.1	[illegible]	64.2	[illegible]	[illegible]	84.1	92.4	95.0	95.4	[illegible]	98.3	98.2	[illegible]
6059.2	1.45138	[illegible]	19.5	[illegible]	50.7	32.5	33.5	65.3	32.9	[illegible]	68.1	92.7	91.0	89.5	93.9	94.9	95.7	97.2	98.5	98.2	[illegible]
6059.4	1.45133	[illegible]	17.7	34.8	47.5	27.9	31.5	60.9	32.5	45.6	67.9	[illegible]	90.9	91.5	95.4	93.3	94.4	95.7	97.5	98.2	[illegible]
6059.6	1.45127	3.2	14.5	[illegible]	47.5	21.5	29.1	60.7	32.2	45.5	57.5	92.4	90.9	89.4	93.3	92.1	92.3	93.4	95.9	98.2	[illegible]
6059.8	1.45122	2.3	10.9	[illegible]	52.5	16.7	23.0	53.9	31.9	[illegible]	57.4	[illegible]	90.9	84.7	[illegible]	90.5	90.3	91.7	94.5	98.2	[illegible]
6060.0	1.45117	2.1	10.2	27.9	58.5	15.4	33.9	72.3	31.7	44.9	[illegible]	[illegible]	90.9	79.3	[illegible]	90.4	98.9	[illegible]	[illegible]	98.2	[illegible]
6060.2	1.45011	2.3	11.5	[illegible]	61.2	18.5	42.0	79.5	31.6	44.8	67.3	[illegible]	[illegible]	76.3	93.3	91.2	89.9	[illegible]	94.5	98.2	[illegible]
6060.4	1.45006	3.7	14.4	[illegible]	60.1	24.5	47.4	78.7	31.5	44.7	67.3	[illegible]	90.9	76.3	93.9	93.2	91.9	93.7	[illegible]	98.2	[illegible]
6060.6	1.45000	4.2	17.1	39.7	65.3	30.5	45.7	72.9	31.3	44.7	67.2	92.0	91.9	80.9	[illegible]	94.3	94.2	95.9	97.4	98.2	[illegible]
6060.8	1.44995	4.1	18.2	39.2	60.7	31.5	37.6	65.5	31.2	44.6	67.1	91.9	90.8	86.5	92.4	94.4	95.5	97.0	98.4	98.2	[illegible]
6061.0	1.44989	3.5	17.1	[illegible]	47.2	28.7	32.5	50.1	31.0	44.4	66.9	[illegible]	90.6	90.5	95.4	93.5	95.1	[illegible]	98.1	98.2	[illegible]
6061.2	1.44984	2.5	13.3	23.5	46.2	23.5	27.4	58.5	30.9	44.0	66.7	91.8	91.5	90.2	[illegible]	92.1	92.7	94.1	96.7	98.2	[illegible]
6061.4	1.44978	1.9	11.1	[illegible]	48.9	16.7	25.4	61.7	30.9	43.8	66.5	91.7	90.6	85.9	93.9	90.5	90.5	92.2	95.1	98.2	[illegible]
6061.6	1.44973	1.9	9.7	[illegible]	55.9	14.1	32.0	71.1	30.7	43.7	66.5	91.6	90.5	79.5	95.3	90.2	89.1	90.9	93.9	98.2	[illegible]
6061.8	1.44968	2.5	10.3	[illegible]	59.5	16.1	39.0	77.4	30.5	43.7	66.4	91.6	90.6	76.1	93.1	90.5	89.1	91.0	93.9	98.2	[illegible]
6062.0	1.44962	3.2	12.9	34.3	50.0	20.3	44.3	78.5	30.5	43.7	66.3	91.6	90.6	75.9	[illegible]	92.3	91.0	92.9	94.9	98.2	[illegible]
6062.2	1.44957	3.5	16.1	39.1	57.1	25.5	45.1	74.7	30.4	43.7	66.3	91.6	90.5	78.9	95.2	93.9	93.5	95.4	96.4	98.2	[illegible]
6062.4	1.44951	[illegible]	17.4	37.8	51.3	29.5	41.1	67.5	30.4	43.7	[illegible]	91.5	90.6	84.3	97.3	94.7	95.2	97.0	98.1	98.2	99.7
6062.6	1.44946	[illegible]	16.5	35.1	47.5	29.3	34.4	60.5	30.4	43.7	66.3	91.6	90.6	89.5	95.1	93.9	94.9	95.9	98.5	98.2	99.4
6062.8	1.44940	2.7	13.5	29.6	45.7	25.7	27.7	57.7	30.4	43.7	66.3	91.6	90.6	90.5	95.2	91.3	92.5	94.8	98.1	98.2	[illegible]
6063.0	1.44935	2.3	10.9	25.2	48.1	19.5	25.4	60.3	30.4	43.7	66.3	91.5	90.6	85.5	91.2	90.1	90.4	92.1	96.1	98.2	97.6
6063.2	1.44929	2.2	9.3	24.5	53.3	15.4	29.3	67.9	30.3	43.6	66.3	91.5	90.5	79.9	94.4	89.9	89.0	90.7	94.5	98.2	97.5
6063.4	1.44924	2.3	9.5	[illegible]	57.9	14.9	34.9	74.3	30.3	43.4	66.3	91.5	90.6	76.0	[illegible]	90.1	88.9	[illegible]	93.9	98.2	97.7
6063.6	1.44919	2.4	11.7	32.6	59.5	18.2	41.8	78.2	30.3	43.4	66.3	91.5	90.6	75.3	[illegible]	92.5	90.4	92.2	94.2	98.2	[illegible]
6063.8	1.44913	[illegible]	15.2	[illegible]	57.5	24.1	45.0	76.3	30.4	43.7	66.3	91.5	90.7	78.5	[illegible]	93.3	93.0	94.4	95.7	98.2	99.5
6064.0	1.44908	3.7	16.4	37.5	53.7	28.3	43.5	70.5	30.5	44.0	66.3	91.5	90.7	84.4	[illegible]	94.5	95.1	96.7	97.5	98.3	99.6
6064.2	1.44902	3.4	16.4	34.1	49.1	29.1	35.6	62.9	30.5	44.1	66.4	91.5	90.7	89.9	94.5	94.1	95.3	95.7	98.3	98.3	99.5
6064.4	1.44897	2.5	14.3	29.9	[illegible]	26.3	31.0	58.9	30.7	44.1	66.5	91.5	90.7	89.9	94.6	92.3	92.9	94.9	97.3	98.3	[illegible]
6064.6	1.44891	1.9	12.2	25.3	46.5	20.9	25.5	59.3	30.9	44.1	66.5	91.5	90.7	86.3	91.6	90.5	90.7	92.6	96.4	98.2	97.9
6064.8	1.44886	[illegible]	9.3	25.2	49.7	15.9	25.8	64.2	31.0	44.1	66.7	91.5	[illegible]	81.5	97.5	90.2	89.3	91.0	94.9	98.2	97.5
6065.0	1.44880	2.2	8.9	27.7	55.4	14.4	30.9	72.5	31.1	44.1	66.7	[illegible]	90.4	77.5	94.0	90.2	88.7	90.6	93.4	98.2	97.5
6065.2	1.44875	2.9	10.3	31.5	59.5	17.3	39.4	78.5	31.3	44.3	66.9	91.6	90.6	75.5	92.5	92.5	89.9	91.9	93.9	98.2	97.9
6065.4	1.44870	3.5	13.5	35.8	59.7	23.0	44.5	78.5	31.5	44.8	67.0	91.6	90.8	77.5	93.7	93.9	92.5	94.4	95.4	98.2	99.4
6065.6	1.44864	3.7	16.0	[illegible]	57.5	28.1	45.5	74.3	31.5	45.1	67.3	91.9	90.9	84.3	[illegible]	94.5	94.7	[illegible]	97.4	98.1	99.0
6065.8	1.44859	3.5	16.9	37.5	53.5	30.1	41.6	69.5	31.3	45.4	67.5	92.1	91.5	89.5	[illegible]	93.3	94.9	95.6	98.5	98.0	[illegible]
6066.0	1.44853	[illegible]	16.2	33.7	49.4	27.9	35.1	63.4	32.1	45.7	67.3	92.2	90.9	90.3	94.4	92.1	93.0	94.9	98.2	98.0	99.4
6066.2	1.44848	2.4	14.2	29.7	48.0	22.3	29.3	58.5	32.5	45.9	68.0	92.2	91.0	87.5	92.2	90.5	90.9	92.9	96.5	98.0	[illegible]
6066.4	1.44842	2.2	11.3	25.8	49.5	16.3	25.4	59.3	32.9	45.9	68.2	92.3	91.0	82.1	93.1	89.7	89.4	91.5	95.0	98.0	[illegible]
6066.6	1.44837	[illegible]	10.0	25.6	55.3	14.5	27.9	67.5	33.2	45.2	68.4	92.5	91.1	77.5	94.6	89.3	88.9	91.3	94.0	98.0	97.6
6066.8	1.44832	[illegible]	10.4	[illegible]	59.9	18.0	35.1	75.2	33.5	45.6	68.5	92.6	91.1	76.0	93.2	91.2	89.3	92.2	94.0	98.0	[illegible]
6067.0	1.44826	3.7	12.9	35.4	61.5	24.2	42.1	79.0	33.9	45.9	68.7	92.6	91.2	78.3	94.4	92.3	92.3	94.0	95.2	97.9	99.4
6067.2	1.44821	[illegible]	15.9	39.1	61.0	29.7	45.1	78.0	34.2	47.2	69.0	93.0	91.3	83.5	93.5	93.1	94.9	95.6	97.1	97.9	99.7
6067.4	1.44815	4.2	17.3	39.4	57.4	32.0	43.6	72.9	34.4	47.7	69.4	93.1	91.4	89.5	93.3	92.3	94.9	95.6	98.5	97.9	99.7
6067.6	1.44810	3.5	18.3	[illegible]	53.5	30.1	40.1	65.4	34.7	49.3	69.7	93.3	91.5	90.4	94.4	91.5	93.4	95.1	98.3	97.9	99.5
6067.8	1.44804	3.0	16.4	32.0	51.1	25.0	33.1	61.5	35.2	49.6	70.0	93.5	91.5	87.0	92.6	90.5	91.4	92.8	96.4	97.9	99.2
6068.0	1.44799	2.5	14.1	29.4	51.9	19.5	29.3	61.4	35.7	49.0	70.4	93.7	91.7	82.3	93.9	90.2	89.9	91.1	95.1	97.9	99.0
6068.2	1.44794	2.9	12.1	29.1	55.3	17.2	29.9	65.4	36.2	49.4	70.7	93.9	91.8	78.5	95.1	90.4	90.0	91.2	94.5	98.0	97.9
6068.4	1.44788	3.5	11.5	31.8	60.3	18.3	33.3	72.2	36.5	49.8	71.1	94.1	91.9	77.7	93.6	92.7	91.0	92.6	94.5	98.0	99.0
6068.6	1.44783	4.5	13.1	35.9	63.9	24.3	41.5	78.7	37.0	50.4	71.5	94.2	92.0	81.5	95.4	94.0	93.5	95.3	95.4	98.0	99.4
6068.8	1.44777	5.2	16.9	40.6	64.2	32.5	49.4	80.7	37.4	51.0	71.9	94.4	92.2	87.0	93.7	94.5	95.4	95.8	96.9	98.1	99.5
6069.0	1.44772	5.5	20.4	42.4	61.9	34.9	49.3	76.5	38.0	51.6	72.2	94.6	92.3	90.7	93.5	93.9	95.5	95.7	98.3	98.1	99.6
6069.2	1.44766	5.2	21.2	40.7	58.4	31.7	43.5	70.1	38.5	52.2	72.5	94.9	92.4	90.9	94.8	92.3	94.1	95.2	98.4	98.1	99.9
6069.4	1.44761	4.4	19.9	39.0	56.0	26.4	37.3	66.0	39.2	52.7	73.0	95.1	92.5	87.9	93.0	91.4	92.5	93.2	97.2	98.2	99.7
6069.6	1.44756	3.9	17.4	35.2	56.4	21.9	32.7	65.0	39.9	53.3	73.4	95.4	92.6	83.5	93.7	91.1	91.5	92.1	95.7	98.2	99.5
6069.8	1.44750	3.5	15.1	33.9	59.5	20.0	31.7	67.5	40.4	53.9	73.8	95.6	92.8	80.3	95.4	91.7	92.0	92.1	94.3	98.2	[illegible]
6070.0	1.44745	4.5	14.4	35.3	63.5	21.9	35.4	74.3	41.0	54.5	74.1	95.8	92.9	80.0	95.2	93.4	93.7	93.7	94.3	98.2	99.2
6070.2	1.44739	5.7	16.2	41.4	67.5	29.5	44.4	80.0	41.7	55.2	74.5	95.1	93.0	83.3	93.1	94.3	95.3	95.9	95.7	98.2	99.6
6070.4	1.44734	7.2	19.4	45.0	68.7	37.4	50.7	82.3	42.4	55.9	75.0	95.4	93.1	88.7	92.0	95.1	96.5	97.3	97.7	98.2	[illegible]
6070.6	1.44728	8.0	23.3	48.0	67.5	39.7	52.3	80.3	43.1	55.7	75.5	95.6	93.2	92.5	95.2	94.7	96.7	97.1	98.9	98.2	[illegible]
6070.8	1.44723	7.9	25.7	45.9	65.0	37.3	49.9	75.3	43.9	57.5	76.0	87.0	93.4	92.3	95.8	93.5	95.3	95.5	98.7	98.2	99.3
6071.0	1.44718	6.9	25.4	44.0	63.0	32.4	42.9	71.4	44.5	58.3	76.5	97.3	93.6	89.0	92.6	92.4	93.5	94.0	97.3	98.3	99.2
6071.2	1.44712	5.5	23.0	41.7	62.5	27.3	39.2	69.2	45.4	59.1	77.1	97.6	93.8	85.5	89.0	92.3	93.2	93.3	96.5	98.3	99.9
6071.4	1.44707	5.0	20.4	40.5	64.0	25.1	35.6	69.7	46.2	59.8	77.7	97.9	93.9	83.5	87.3	92.9	94.0	93.5	95.5	98.3	99.7
6071.6	1.44701	6.5	19.5	43.4	69.2	28.3	39.5	75.3	47.1	50.5	78.3	89.2	94.0	84.5	97.7	94.0	95.1	95.0	95.7	98.4	95.7
6071.8	1.44696	8.3	21.9	49.1	73.3	36.3	44.7	81.9	47.9	51.2	78.9	88.4	94.1	87.7	90.1	95.3	96.2	95.9	96.7	98.5	99.9
6072.0	1.44690	11.3	26.0	53.3	74.3	44.3	52.7	85.5	48.7	52.2	79.4	95.8	94.2	91.5	93.4	96.1	97.2	97.8	97.9	98.5	99.1
6072.2	1.44685	13.1	30.5	55.6	74.5	46.9	59.3	84.5	49.5	53.2	79.9	89.1	94.5	94.2	95.2	95.7	97.4	97.3	98.3	98.7	99.3
6072.4	1.44680	12.9	33.7	55.0	73.1	44.0	57.4	81.0	50.4	54.2	80.5	89.4	94.6	93.9	95.5	94.5	96.4	95.8	98.7	98.8	99.4
6072.6	1.44674	11.9	34.0	53.6	71.3	39.3	51.3	77.7	51.4	55.1	81.1	89.8	94.8	91.1	94.3	93.3	95.3	95.1	97.5	98.8	99.4
6072.8	1.44669	10.8	32.0	52.1	71.5	36.1	45.0	76.3	52.3	55.0	81.7	90.1	95.0	89.1	91.2	94.0	95.0	94.7	96.9	98.9	99.3
6073.0	1.44663	10.5	30.0	32.2	73.1	37.1	43.9	78.1	53.3	55.9	82.3	90.5	95.2	88.0	89.9	94.7	95.2	95.5	96.5	99.0	99.3
6073.2	1.44658	12.1	29.2	54.5	76.1	44.3	45.6	82.1	54.4	57.8	82.9	90.8	95.5	88.4	90.9	95.4	96.2	95.6	96.3	99.0	99.3
6073.4	1.44652	15.2	30.7	59.7	80.1	53.7	53.2	86.3	55.5	59.6	83.5	91.2	95.7	90.9	93.3	96.3	97.7	97.6	97.5	99.0	99.3
6073.6	1.44647	19.4	35.2	53.6	82.4	59.5	51.3	89.3	56.5	59.5	84.2	91.5	95.9	94.9	95.9	97.4	98.3	99.3	98.5	99.0	99.3
6073.8	1.44642	23.7	41.9	57.6	83.2	60.5	59.0	90.3	57.3	70.5	84.7	91.8	96.0	96.7	97.3	97.1	97.9	97.7	99.2	99.0	99.4

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
p(atm)		2.50×10^{0}	2.53×10^{0}	2.53×10^{0}	2.50×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.46×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{0}	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}
P_e(atm)		3.29×10^{0}	3.32×10^{0}	3.32×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}
u (atm cm) STP		2.17×10^{5}	1.10×10^{5}	5.57×10^{4}	2.80×10^{4}	8.71×10^{4}	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}
ν (cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
6074.0	1.64635	25.0	46.3	53.5	82.9	57.5	55.9	88.7	58.1	71.5	85.1	92.0	95.0	96.2	95.4	96.4	97.7	97.3	99.2		99.1	99.6
6074.2	1.64631	24.2	48.4	53.0	82.5	55.1	53.4	87.2	58.3	72.5	85.5	92.2	95.1	95.1	95.4	96.0	97.4	97.1	98.7		99.2	99.7
6074.4	1.64625	23.4	48.1	57.6	82.5	54.1	59.9	86.2	59.6	73.3	86.1	92.5	95.3	93.9	94.2	96.2	97.3	97.0	98.3		99.2	99.7
6074.6	1.64620	23.6	47.1	53.1	83.5	56.0	53.1	87.1	60.4	74.2	86.7	92.7	95.4	93.4	93.6	96.9	97.4	97.1	98.0		99.3	99.7
6074.8	1.64614	27.2	48.3	70.4	85.3	62.0	57.6	90.2	61.1	75.0	87.2	93.0	95.5	94.1	94.1	97.3	97.8	97.7	98.0		99.3	99.8
6075.0	1.64609	34.5	52.1	75.0	88.0	70.3	59.8	93.5	61.9	75.8	87.5	95.2	96.7	95.5	95.7	98.9	98.2	99.5	98.3		99.3	99.9
6075.2	1.64604	42.1	58.7	79.7	90.7	78.4	77.9	95.9	62.7	76.6	88.0	95.5	96.8	97.0	97.5	99.4	98.5	99.3	99.0		99.3	100.0
6075.4	1.64598	49.3	66.3	83.1	92.4	80.9	83.4	96.9	63.4	77.3	88.4	95.7	97.0	98.5	99.1	99.9	99.1	99.2	99.5		99.3	100.0
6075.6	1.64593	52.6	71.3	84.4	92.3	81.9	85.2	97.3	63.9	79.0	88.7	95.9	97.1	99.0	99.4	99.5	99.2	99.2	99.5		99.3	100.0
6075.8	1.64587	53.3	73.0	84.6	92.7	80.7	87.0	97.5	64.2	79.4	89.0	94.0	97.2	99.4	99.5	99.0	99.2	99.1	99.5		99.4	100.0
6076.0	1.64582	51.5	72.3	82.9	92.3	78.4	85.2	96.5	64.5	79.6	89.1	94.1	97.2	99.4	99.4	98.3	99.1	98.9	99.5		99.4	100.0
6076.2	1.64577	48.0	70.5	81.7	90.7	74.7	81.7	94.9	64.7	73.6	89.1	94.2	97.3	98.9	99.3	96.3	98.9	98.5	99.5		99.4	100.0
6076.4	1.64571	43.1	67.2	78.8	89.5	70.3	77.4	93.4	64.7	79.7	89.1	94.3	97.3	97.9	98.2	95.5	98.3	98.2	99.1		99.4	100.0
6076.6	1.64566	38.5	64.0	77.5	88.5	68.0	73.4	92.4	64.9	78.5	88.9	94.3	97.2	97.2	97.2	95.1	97.9	97.7	98.5		99.4	100.0
6076.8	1.64560	36.1	60.7	75.2	88.1	66.3	70.4	92.1	64.6	77.9	88.5	94.2	97.2	96.7	95.5	95.4	97.9	97.5	98.3		99.4	100.0
6077.0	1.64555	35.0	59.2	75.5	87.5	67.1	69.5	92.4	64.1	77.4	88.4	94.2	97.1	96.5	95.3	96.1	98.1	97.7	98.2		99.4	100.0
6077.2	1.64549	35.0	58.5	75.3	87.1	68.4	71.2	93.1	63.5	75.5	87.9	94.9	97.0	96.7	95.5	96.3	98.4	99.1	98.4		99.4	100.0
6077.4	1.64544	33.5	57.4	73.0	85.5	67.3	73.5	93.2	62.9	75.7	87.5	94.0	96.8	97.3	97.6	96.1	98.3	99.5	98.3		99.4	99.9
6077.6	1.64539	29.9	54.0	69.5	82.7	63.5	73.1	90.0	62.0	74.6	87.0	93.2	96.7	96.9	98.0	95.3	97.5	97.8	99.0		99.4	99.9
6077.8	1.64533	24.4	49.3	64.5	79.5	56.9	67.1	85.3	60.9	73.5	86.4	92.8	96.5	95.0	95.0	94.5	96.9	95.8	98.3		99.4	99.9
6078.0	1.64528	19.4	44.1	60.0	76.4	49.2	59.1	82.5	59.3	72.4	85.7	92.5	96.4	92.3	94.4	94.1	96.2	95.4	98.1		99.4	99.9
6078.2	1.64522	15.0	38.7	57.4	75.4	43.1	52.5	80.5	58.7	71.3	85.0	92.0	96.2	90.5	92.1	94.5	95.3	95.7	97.2		99.4	99.6
6078.4	1.64517	13.2	35.0	55.7	75.1	41.4	49.6	81.2	57.4	70.0	84.1	91.6	96.0	90.2	91.8	95.2	96.1	95.7	96.3		99.4	99.7
6078.6	1.64512	13.4	34.3	57.5	76.0	44.3	49.4	83.9	56.1	69.8	83.2	91.1	95.7	91.1	91.3	95.5	96.3	97.0	97.1		99.3	99.7
6078.8	1.64506	14.5	35.9	59.5	76.5	48.4	54.4	86.2	54.3	67.5	82.3	91.7	95.5	92.3	93.5	96.0	97.2	97.6	97.5		99.3	99.7
6079.0	1.64501	15.3	36.5	59.0	75.5	49.5	59.7	86.1	53.5	55.2	81.5	91.2	95.5	94.5	94.1	95.2	96.9	97.9	98.1		99.3	99.7
6079.2	1.64495	13.3	34.5	54.4	71.5	45.9	59.1	81.3	52.2	54.8	80.7	89.7	95.1	93.3	94.1	93.3	95.6	95.2	98.3		99.2	99.5
6079.4	1.64490	9.5	29.1	48.0	67.5	37.9	53.1	74.9	50.9	53.6	79.9	89.3	94.8	90.3	93.1	92.1	94.5	94.6	98.9		99.2	99.3
6079.6	1.64485	6.9	23.9	44.0	64.3	31.1	45.3	72.4	49.7	52.4	79.1	88.9	94.5	87.2	93.9	92.2	93.7	93.7	96.4		99.1	99.1
6079.8	1.64479	5.9	20.9	42.5	64.2	27.4	40.1	71.5	48.4	51.2	78.3	88.6	94.1	85.3	93.0	93.4	94.2	93.6	95.1		99.0	99.0
6080.0	1.64474	5.3	20.9	43.4	65.5	28.9	37.7	75.5	47.2	59.9	77.5	89.1	93.9	85.7	95.5	94.2	95.2	94.7	95.4		99.0	99.0
6080.2	1.64469	6.5	22.4	45.6	67.4	34.0	47.9	79.7	46.1	58.0	77.0	87.6	93.7	88.7	95.4	94.7	96.1	95.5	96.4		99.0	99.1
6080.4	1.64463	7.2	24.0	45.9	67.7	37.5	45.6	81.5	45.1	57.3	76.3	87.1	93.5	91.7	93.4	94.5	96.0	97.5	97.5		99.0	99.2
6080.6	1.64457	6.6	23.9	45.7	65.4	36.4	49.8	79.5	43.3	56.3	75.5	85.7	93.2	92.1	94.2	93.3	94.9	96.8	96.4		98.9	99.1
6080.8	1.64452	5.2	21.0	41.9	61.5	31.7	47.7	74.2	42.5	55.4	74.9	85.3	93.0	89.3	93.4	92.0	93.2	94.0	98.1		98.3	99.3
6081.0	1.64447	4.0	16.3	35.6	57.6	25.5	41.5	68.3	41.5	54.4	74.2	85.9	92.8	85.0	89.8	91.1	91.9	92.5	96.5		98.7	99.6
6081.2	1.64441	3.3	14.0	33.6	55.3	20.1	35.6	65.2	40.4	53.3	73.4	85.5	92.6	81.3	85.7	91.3	92.3	92.0	95.4		98.5	99.6
6081.4	1.64436	3.1	13.9	33.4	57.5	19.5	30.4	68.1	39.3	52.2	72.7	85.2	92.4	80.7	85.0	92.5	93.3	93.0	95.5		98.5	99.5
6081.6	1.64430	3.3	15.1	35.5	59.5	24.9	33.0	73.9	38.3	51.2	72.0	84.9	92.2	83.4	85.9	93.3	94.4	94.7	95.5		98.5	99.5
6081.8	1.64425	3.4	17.0	37.8	61.1	28.7	33.3	77.2	37.4	50.4	71.5	84.4	92.0	86.9	91.6	93.7	95.3	95.1	96.2		98.4	99.4
6082.0	1.64420	4.0	17.5	38.9	60.1	29.2	42.2	76.5	36.5	49.5	71.0	84.0	91.8	89.1	93.5	93.1	94.5	95.2	97.5		98.3	99.8
6082.2	1.64414	3.4	16.2	37.4	56.1	26.3	42.5	71.4	35.5	48.7	70.5	83.6	91.5	88.4	93.7	91.3	93.0	95.1	97.3		98.1	99.5
6082.4	1.64409	2.5	13.7	33.4	51.9	21.2	37.6	65.0	34.7	47.9	69.3	83.3	91.4	84.3	91.0	90.5	91.5	92.6	96.3		98.0	99.3
6082.6	1.64403	2.0	11.3	29.5	49.9	16.3	33.0	61.4	33.9	47.0	69.2	83.0	91.1	80.5	85.9	90.5	90.4	91.4	95.5		97.8	99.0
6082.8	1.64398	1.3	10.0	27.4	40.3	14.9	27.2	62.1	33.1	45.3	68.5	82.7	91.0	77.7	84.3	91.4	90.9	91.1	94.5		97.7	99.1
6083.0	1.64393	1.9	10.3	27.1	53.5	17.5	25.4	68.3	32.3	45.6	67.9	82.4	90.8	78.1	94.4	92.5	92.5	92.2	94.7		97.7	99.2
6083.2	1.64387	2.4	12.1	29.4	56.0	23.4	32.1	74.1	31.5	44.9	67.3	82.1	90.7	81.4	97.5	93.2	93.9	94.5	95.3		97.5	99.2
6083.4	1.64382	2.7	13.0	32.2	56.3	25.7	33.9	75.2	31.0	44.3	66.3	[illegible]	90.6	85.5	[illegible]	93.4	95.1	95.1	97.4		97.5	99.5
6083.6	1.64376	2.6	13.5	33.7	53.0	24.3	39.6	70.3	30.4	43.6	66.5	81.5	90.4	87.9	93.1	92.5	93.4	95.4	98.1		97.5	99.4
6083.8	1.64371	2.1	12.5	32.8	49.1	20.3	37.1	63.2	29.9	43.0	65.9	[illegible]	90.2	86.3	[illegible]	90.9	91.1	[illegible]	97.1		97.5	97.5
6084.0	1.64366	1.5	10.5	[illegible]	[illegible]	15.4	31.5	58.2	29.3	42.5	65.4	[illegible]	90.0	81.7	89.2	89.7	88.9	92.1	95.5		97.5	97.6
6084.2	1.64360	1.2	8.5	25.4	45.7	13.0	25.8	58.5	28.9	42.0	65.0	[illegible]	89.9	77.5	[illegible]	89.9	88.3	93.4	94.5		97.5	97.5
6084.4	1.64355	1.1	7.3	23.4	48.6	13.3	24.8	63.3	28.3	41.5	64.5	[illegible]	89.7	75.5	[illegible]	90.7	90.2	90.5	93.9		97.4	97.5
6084.6	1.64349	1.1	8.9	[illegible]	52.1	16.1	23.6	71.5	27.9	41.0	64.2	[illegible]	89.6	76.4	[illegible]	92.5	92.4	91.9	94.5		97.4	99.1
6084.8	1.64344	1.5	10.1	[illegible]	53.4	21.1	33.7	73.0	27.4	40.6	63.9	[illegible]	89.5	81.0	[illegible]	[illegible]	93.7	[illegible]	96.2		97.6	[illegible]
6085.0	1.64339	1.7	11.0	29.6	51.5	21.9	35.9	67.9	27.0	40.2	63.5	[illegible]	89.4	85.5	[illegible]	92.7	93.9	[illegible]	97.5		97.3	99.4
6085.2	1.64333	1.7	11.0	30.1	47.1	19.3	[illegible]	60.9	26.5	39.7	63.2	[illegible]	89.3	86.9	[illegible]	91.4	91.9	[illegible]	97.9		97.3	97.9
6085.4	1.64328	1.6	9.3	28.1	43.3	15.3	[illegible]	56.5	26.2	39.3	62.8	[illegible]	89.2	83.2	[illegible]	89.4	89.7	[illegible]	95.3		97.3	97.5
6085.6	1.64322	1.2	7.9	24.8	42.5	11.9	[illegible]	56.4	25.9	38.8	62.5	[illegible]	89.0	78.5	[illegible]	88.5	87.4	[illegible]	94.5		97.3	97.4
6085.8	1.64317	[illegible]	6.5	21.5	44.3	11.5	22.8	60.9	25.4	38.5	62.2	[illegible]	89.0	75.2	[illegible]	88.5	88.1	[illegible]	93.4		97.3	97.5
6086.0	1.64312	1.3	6.6	[illegible]	48.5	14.3	[illegible]	[illegible]	25.1	39.3	62.0	[illegible]	[illegible]	74.4	[illegible]	89.1	80.9	[illegible]	[illegible]		97.2	97.6
6086.2	1.64306	1.4	[illegible]	[illegible]	[illegible]	18.1	31.0	[illegible]	24.3	[illegible]	61.7	[illegible]	88.9	77.0	[illegible]	[illegible]	92.1	[illegible]	[illegible]		97.2	97.9
6086.4	1.64301	1.4	9.1	[illegible]	[illegible]	20.5	34.2	[illegible]	24.6	[illegible]	61.5	[illegible]	88.8	81.9	87.4	90.4	93.4	[illegible]	[illegible]		97.2	[illegible]
6086.6	1.64295	1.4	9.9	[illegible]	[illegible]	19.5	33.9	[illegible]	24.5	37.5	61.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.0	[illegible]	97.4		97.2	[illegible]
6086.8	1.64290	1.4	9.5	[illegible]	42.5	14.9	[illegible]	[illegible]	24.3	37.3	61.2	[illegible]	[illegible]	86.3	[illegible]	[illegible]	90.4	94.2	[illegible]		97.2	[illegible]

6087.0	1.64285	1.4	8.2	24.5	41.2	11.4	24.4	62.1	24.1	37.1	61.1	77.5	88.6	80.9	94.1	88.2	88.1	92.4	94.4	97.2	97.1
6087.2	1.64279	1.2	6.7	21.5	42.4	10.9	22.7	57.2	23.9	35.9	60.9	77.2	88.5	76.1	95.1	88.5	87.4	93.1	93.5	97.2	97.1
6087.4	1.64274	1.1	6.3	19.5	46.4	13.5	25.1	64.2	23.7	35.6	60.9	77.4	88.5	73.5	92.4	89.2	88.4	93.4	93.5	97.2	97.4
6087.6	1.64268	1.1	6.7	22.2	49.2	16.4	29.4	59.4	23.5	35.6	60.7	77.4	88.4	74.1	91.7	90.2	90.5	93.4	94.5	97.2	97.6
6087.8	1.64263	1.1	7.9	24.5	48.4	18.2	31.4	68.2	23.5	35.6	60.7	77.9	88.4	77.5	94.1	91.7	92.5	92.9	96.0	97.2	97.4
6088.0	1.64258	1.0	8.7	25.2	45.4	17.5	31.2	64.1	23.5	35.5	60.6	77.6	88.3	82.4	93.4	91.7	93.1	95.2	97.5	97.2	97.4
6088.2	1.64252	1.1	9.0	25.9	41.7	14.4	27.1	57.3	23.5	35.5	60.5	77.6	88.3	85.3	91.4	90.9	92.0	95.4	96.4	97.2	97.7
6088.4	1.64247	0.9	7.5	23.4	40.4	11.2	22.6	54.5	23.4	35.4	60.5	77.7	88.3	82.5	91.1	89.3	89.5	92.9	94.7	97.2	97.2
6088.6	1.64241	0.9	6.4	21.5	42.1	10.1	21.1	58.1	23.4	35.4	60.5	77.7	88.3	78.1	87.0	88.7	87.5	91.2	93.7	97.2	97.1
6088.8	1.64236	0.9	5.9	19.4	46.2	12.5	24.0	64.5	23.4	35.3	60.5	77.7	88.3	74.4	83.4	89.5	87.5	89.9	93.5	97.2	97.0
6089.0	1.64231	0.9	6.3	21.2	49.2	16.4	29.9	69.3	23.3	35.2	60.4	77.7	88.3	73.5	91.7	90.7	89.1	90.5	94.9	97.2	97.4
6089.2	1.64225	1.0	7.0	23.8	48.4	19.7	32.6	68.3	23.3	35.2	60.4	77.7	88.3	76.1	93.1	91.5	91.5	92.1	96.3	97.2	97.8
6089.4	1.64220	1.1	8.2	25.1	45.6	18.3	31.3	62.4	23.3	35.2	60.4	77.7	88.3	81.0	95.9	91.3	93.4	94.6	97.2	97.2	97.6
6089.6	1.64214	1.1	8.9	25.3	42.0	15.7	27.1	56.5	23.2	35.3	60.3	77.7	88.4	85.5	97.7	91.1	92.2	95.3	96.7	97.2	97.6
6089.8	1.64209	1.1	8.4	24.4	40.3	12.2	23.1	54.9	23.2	35.3	60.3	77.7	88.4	84.4	91.0	89.3	90.5	93.6	94.9	97.2	97.5
6090.0	1.64204	1.1	7.2	21.9	43.1	10.9	22.1	57.6	23.3	35.3	60.3	77.7	88.4	80.4	93.1	89.0	88.5	91.5	93.7	97.2	97.0
6090.2	1.64199	1.0	6.2	19.7	48.2	12.0	25.9	66.0	23.4	35.3	60.4	77.7	88.4	75.9	94.5	89.4	87.4	90.2	93.5	97.2	97.2
6090.4	1.64193	0.9	6.1	21.5	50.1	16.4	32.0	70.2	23.5	35.4	60.5	77.7	88.4	73.2	92.2	90.5	88.4	93.4	94.2	97.2	97.5
6090.6	1.64187	1.0	7.3	23.6	49.5	19.0	34.2	68.3	23.6	35.5	60.6	77.8	88.4	73.7	92.7	91.5	90.4	91.0	95.3	97.2	97.8
6090.8	1.64182	1.3	8.5	25.4	46.9	19.5	33.2	64.7	23.7	35.6	60.9	77.9	88.4	77.7	94.9	92.4	92.3	93.4	97.1	97.2	97.9
6091.0	1.64177	1.3	9.5	27.4	43.8	17.9	29.5	59.9	23.9	35.7	60.9	77.9	88.4	83.9	90.0	92.1	93.3	95.2	97.4	97.2	97.7
6091.2	1.64171	1.3	9.3	25.3	41.7	13.9	24.3	56.0	24.1	35.8	61.1	78.0	88.4	85.5	91.9	91.0	91.5	95.1	96.7	97.2	97.3
6091.4	1.64165	1.2	8.3	24.3	42.7	11.5	22.6	60.5	24.3	35.9	61.2	78.1	88.5	83.2	90.3	89.9	89.3	93.4	94.9	97.2	97.0
6091.6	1.64160	1.1	7.2	21.4	46.7	11.9	24.5	66.4	24.5	37.1	61.4	78.1	88.5	78.9	85.7	89.5	88.5	91.2	93.9	97.2	97.1
6091.8	1.64155	1.1	6.7	21.5	50.4	14.1	23.7	70.1	24.7	37.2	61.5	78.2	88.7	74.7	83.2	89.9	88.3	89.9	93.7	97.2	97.4
6092.0	1.64150	1.1	7.3	23.7	51.0	17.1	33.0	69.5	24.9	37.4	61.7	78.3	88.8	73.5	91.5	90.9	89.4	93.0	94.5	97.2	97.6
6092.2	1.64144	1.2	8.9	25.6	49.2	20.1	34.4	63.5	25.1	37.6	61.9	78.5	88.9	75.7	92.5	91.7	92.2	91.6	96.2	97.2	97.9
6092.4	1.64139	1.4	9.9	29.3	46.4	20.3	31.5	59.9	25.4	39.0	62.2	78.6	89.0	80.2	95.5	92.1	93.9	94.2	97.3	97.2	97.5
6092.6	1.64134	1.5	10.1	27.6	44.2	18.1	27.2	57.5	25.9	39.4	62.4	78.8	89.1	84.3	90.2	91.7	93.5	95.3	96.9	97.2	97.7
6092.8	1.64128	1.4	9.5	25.3	43.9	14.9	24.3	58.7	26.1	39.7	62.7	78.9	89.2	85.4	91.1	90.9	92.1	94.9	95.3	97.2	97.6
6093.0	1.64123	1.2	8.1	23.1	47.0	12.5	24.1	63.1	26.3	39.0	62.9	79.1	89.2	82.3	93.5	90.0	90.3	93.0	94.5	97.2	97.6
6093.2	1.64117	1.0	7.4	22.5	50.5	12.3	25.8	69.2	26.5	39.3	63.1	79.2	89.1	77.1	95.7	89.3	89.2	90.9	94.1	97.2	97.5
6093.4	1.64112	1.0	7.7	24.1	52.5	15.5	31.9	71.4	26.7	39.6	63.3	79.4	89.1	75.4	93.2	90.5	89.9	90.3	94.5	97.2	97.9
6093.6	1.64107	1.2	8.9	27.2	51.3	18.9	33.5	69.5	27.1	39.9	63.7	79.6	89.3	76.0	92.9	91.3	92.0	90.8	95.7	97.2	98.0
6093.8	1.64101	1.4	10.3	29.5	49.5	20.5	31.6	64.5	27.4	40.2	64.1	79.8	89.4	79.1	94.9	91.4	93.7	91.6	96.5	97.3	98.1
6094.0	1.64096	1.4	10.8	29.9	47.0	19.9	28.3	60.3	27.8	40.5	64.5	80.0	89.5	83.5	93.5	91.4	94.3	94.7	96.9	97.4	98.0
6094.2	1.64090	1.5	10.5	27.2	46.5	17.1	25.8	59.3	28.3	40.9	64.7	80.2	89.6	86.5	91.2	91.4	92.9	94.0	96.5	97.4	97.9
6094.4	1.64085	1.5	9.4	25.5	48.4	14.4	25.9	63.1	28.7	41.3	64.9	80.3	89.7	84.2	93.4	90.5	90.7	93.7	95.5	97.5	97.6
6094.6	1.64080	1.6	8.7	25.0	52.3	14.3	29.9	68.5	29.1	41.7	65.2	80.4	89.8	80.7	97.7	90.3	89.9	92.1	94.7	97.5	97.6
6094.8	1.64074	1.9	8.9	27.1	55.3	16.5	34.8	72.0	29.4	42.3	65.5	80.6	89.9	77.5	94.6	90.5	90.0	91.2	94.5	97.5	97.5
6095.0	1.64069	2.4	10.5	30.5	55.2	20.2	37.8	71.3	29.8	42.8	65.9	80.8	90.0	76.5	93.6	91.3	90.5	91.4	95.2	97.5	98.2
6095.2	1.64064	2.7	12.8	32.5	52.7	23.5	37.0	68.0	30.1	43.3	66.3	80.9	90.1	78.2	95.0	92.0	93.6	92.4	96.5	97.5	98.3
6095.4	1.64058	2.5	13.1	32.1	49.5	25.0	31.6	62.9	30.5	43.7	66.5	81.1	90.2	82.4	97.5	92.2	94.4	93.8	97.5	97.6	98.2
6095.6	1.64053	2.4	12.5	30.2	49.1	22.1	28.3	60.9	31.0	44.0	66.9	81.3	90.3	86.9	92.2	91.3	93.2	95.4	97.4	97.7	98.0
6095.8	1.64047	2.1	11.3	29.1	50.9	18.5	27.9	62.9	31.5	44.4	67.3	81.6	90.4	86.0	91.5	90.3	91.5	94.5	96.2	97.8	97.9
6096.0	1.64042	1.9	10.2	27.0	54.9	16.2	30.5	67.9	32.1	44.8	67.5	81.6	90.6	83.2	93.6	89.3	90.4	92.9	94.9	97.8	97.9
6096.2	1.64037	2.0	10.3	29.5	58.2	16.5	35.4	73.5	32.5	45.3	67.9	82.1	90.7	79.9	95.0	89.0	90.1	91.6	94.2	97.9	98.0
6096.4	1.64031	2.7	12.5	33.7	58.5	20.2	40.9	75.7	33.1	45.7	68.3	82.4	90.8	77.5	93.8	89.3	90.9	91.5	94.4	98.0	98.3
6096.6	1.64026	3.2	14.7	35.1	56.2	25.3	40.6	71.7	33.5	45.3	68.7	82.6	90.9	78.9	95.0	91.1	92.7	92.5	95.3	98.0	98.4
6096.8	1.64020	3.3	15.3	35.8	53.9	27.3	35.5	66.9	34.0	45.9	69.2	82.9	91.0	83.9	93.7	91.3	94.5	94.2	96.9	98.1	98.4
6097.0	1.64015	3.1	15.5	33.5	52.6	26.4	32.5	64.1	34.5	47.5	69.5	83.1	91.1	87.2	91.4	91.7	94.1	95.2	97.4	98.1	98.4
6097.2	1.64010	2.8	14.1	30.7	54.1	22.9	35.9	65.1	35.0	48.1	70.0	83.4	91.3	87.3	91.8	91.2	92.9	95.0	96.9	98.1	98.2
6097.4	1.64004	2.5	12.3	30.5	57.7	18.7	33.0	70.1	35.5	48.6	70.4	83.6	91.4	84.9	89.9	90.7	91.9	93.7	95.5	98.2	98.0
6097.6	1.63999	2.9	12.7	32.5	60.9	18.0	39.3	75.3	36.1	49.2	70.9	83.8	91.5	81.4	87.0	90.5	91.5	92.4	94.3	98.2	98.1
6097.8	1.63994	3.9	14.5	35.1	61.7	22.2	42.4	76.5	36.8	49.7	71.3	84.1	91.7	79.2	84.9	91.5	92.4	92.1	94.7	98.3	98.4
6098.0	1.63989	4.7	16.7	39.2	60.5	27.2	43.1	73.5	37.5	50.2	71.7	84.3	91.9	80.5	85.4	92.5	94.2	93.2	95.7	98.4	98.6
6098.2	1.63983	4.8	18.3	37.8	58.2	30.5	40.9	69.5	38.2	50.7	72.1	84.5	92.0	83.7	89.3	93.0	94.9	95.1	96.7	98.5	98.7
6098.4	1.63977	4.3	18.9	37.3	57.0	30.5	37.1	67.3	38.9	51.4	72.4	84.8	92.1	87.0	91.2	92.3	95.1	95.0	97.5	98.5	98.7
6098.6	1.63972	3.7	17.5	35.4	57.7	27.3	33.7	67.3	39.4	52.0	72.3	85.1	92.2	88.5	92.4	92.3	93.3	93.8	97.5	98.5	98.6
6098.8	1.63967	3.5	16.0	35.0	60.3	23.1	34.1	71.3	40.0	52.7	73.2	85.3	92.3	86.5	91.0	91.9	92.5	94.9	96.3	98.5	98.5
6099.0	1.63961	3.3	15.4	35.7	63.3	22.0	37.1	74.9	40.5	53.2	73.5	85.5	92.4	82.8	88.5	92.0	92.2	93.3	95.7	98.5	98.5
6099.2	1.63956	4.5	16.4	39.7	64.2	24.3	40.2	76.3	41.2	53.8	74.0	85.7	92.4	81.9	87.0	92.3	93.1	92.9	95.4	98.6	98.6
6099.4	1.63951	5.5	18.5	42.0	63.5	28.7	41.4	75.4	41.9	54.4	74.3	85.9	92.5	82.4	87.6	92.5	94.4	93.8	95.7	98.7	98.9
6099.6	1.63945	5.7	20.3	41.9	61.5	31.8	39.7	71.5	42.5	55.0	74.7	86.3	92.7	85.1	89.7	93.0	95.2	95.0	96.5	98.7	99.0
6099.8	1.63940	5.2	20.2	40.5	61.0	30.5	35.9	70.3	43.3	55.6	75.0	86.6	92.9	88.2	91.8	92.9	95.2	95.7	97.4	98.8	98.8
6100.0	1.63934	4.9	19.3	39.5	61.5	28.4	35.0	71.5	44.0	55.3	75.4	86.9	93.0	88.5	92.0	92.3	94.7	95.5	97.4	98.9	98.8
6100.2	1.63929	5.1	18.4	39.5	64.3	26.1	38.0	74.2	44.5	55.9	75.9	87.1	93.1	86.3	90.4	92.2	93.4	94.7	96.9	98.9	98.8
6100.4	1.63924	6.1	18.7	41.3	67.5	25.4	42.5	77.3	45.1	57.6	76.4	87.3	93.2	84.2	88.7	92.7	93.1	94.1	96.2	98.9	98.8
6100.6	1.63918	7.3	20.5	45.0	68.2	28.4	47.1	79.4	45.9	58.2	76.9	87.4	93.3	83.5	89.3	93.3	93.9	93.7	96.2	98.9	98.9
6100.8	1.63913	8.5	24.0	47.8	67.1	35.1	47.4	78.3	46.7	58.9	77.3	87.7	93.6	85.7	89.4	93.5	95.2	94.7	96.5	98.9	99.0
6101.0	1.63908	8.4	25.5	45.9	65.5	37.4	43.4	74.5	47.5	59.6	77.8	87.9	93.8	88.9	91.3	93.7	95.9	95.8	97.4	98.9	99.0
6101.2	1.63902	7.7	24.7	45.4	64.9	34.9	40.5	72.3	48.4	60.2	78.2	88.1	93.9	90.1	92.9	93.0	95.5	95.4	97.9	99.0	99.1
6101.4	1.63897	7.3	23.2	44.2	66.5	31.3	40.2	73.9	49.2	61.0	78.7	88.3	94.0	88.5	92.9	92.3	94.5	95.8	97.4	99.0	99.1
6101.6	1.63891	8.4	22.5	45.6	70.2	29.7	43.4	77.3	50.0	61.7	79.1	88.6	94.1	86.1	90.5	93.1	94.1	94.8	96.5	99.1	99.1
6101.8	1.63886	10.3	24.2	49.3	72.2	31.8	43.8	81.1	50.7	62.4	79.5	88.8	94.2	85.3	89.9	93.7	94.9	94.5	96.2	99.2	99.1
6102.0	1.63881	12.0	27.5	53.0	72.4	37.5	53.0	82.9	51.3	63.0	79.8	89.1	94.3	86.1	89.2	94.1	95.9	94.6	96.4	99.2	99.2
6102.2	1.63875	12.9	30.4	53.4	71.0	44.4	52.9	81.5	52.0	63.6	80.2	89.3	94.4	88.5	91.3	94.2	96.5	95.2	97.3	99.2	99.2
6102.4	1.63870	11.3	31.5	51.7	69.5	43.3	45.4	77.5	52.7	64.3	80.3	89.5	94.5	91.1	93.7	94.1	96.7	97.1	98.2	99.2	99.2
6102.6	1.63865	10.0	30.2	50.0	69.1	39.3	44.0	75.3	53.5	65.0	80.9	89.7	94.6	91.2	94.5	93.9	96.1	97.2	98.2	99.2	99.2
6102.8	1.63859	9.5	28.0	49.1	70.7	35.0	42.8	77.0	54.3	65.8	81.3	89.9	94.8	89.1	93.2	93.0	95.3	95.0	97.5	99.3	99.2

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
p(atm)		2.50×10^{0}	2.53×10^{0}	2.53×10^{0}	2.50×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.46×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{0}	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}
P_e(atm)		3.29×10^{0}	3.32×10^{0}	3.32×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}
u (atm cm) STP		2.17×10^{5}	1.10×10^{5}	5.57×10^{4}	2.80×10^{4}	8.71×10^{4}	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}
ν (cm^{-1})	λ (micron)	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100
6103.0	1.63854	10.5	27.1	50.4	73.7	34.2	45.8	80.1	55.1	55.4	81.7	90.2	94.7	86.9	90.7	93.2	95.0	95.0	97.0		99.3	99.3
6103.2	1.63849	12.9	28.5	53.5	75.2	38.0	51.8	83.1	55.9	57.0	82.1	90.4	94.9	86.5	90.8	93.3	95.3	94.9	96.9		99.3	99.3
6103.4	1.63843	14.4	31.5	55.4	75.4	44.0	54.3	83.9	56.5	57.5	82.5	90.6	95.0	88.5	91.5	94.1	96.0	95.6	97.1		99.3	99.3
6103.6	1.63838	14.7	34.4	57.3	74.5	47.5	54.8	81.9	57.4	58.2	82.9	90.8	95.1	91.0	92.2	94.3	97.1	95.3	97.7		99.3	99.3
6103.8	1.63832	13.5	35.1	55.9	73.5	45.0	55.7	79.9	58.1	59.0	83.3	91.1	95.2	92.4	93.9	94.4	96.9	95.7	98.3		99.3	99.3
6104.0	1.63827	12.5	33.5	54.9	73.5	41.1	47.9	79.3	58.9	59.7	83.7	91.3	95.3	91.9	94.2	94.3	96.5	95.9	98.3		99.3	99.3
6104.2	1.63822	12.9	32.3	55.0	75.1	39.5	45.9	80.4	59.5	70.2	84.0	91.5	95.4	90.2	93.1	94.2	96.1	95.5	97.7		99.4	99.3
6104.4	1.63816	14.1	32.2	55.6	76.9	41.0	49.4	82.3	60.4	70.7	84.4	91.7	95.6	89.2	91.8	94.3	96.3	95.8	97.3		99.4	99.4
6104.6	1.63811	15.2	33.7	59.7	77.5	44.5	51.3	84.1	61.1	71.3	84.9	91.9	95.7	89.5	91.7	94.3	96.9	95.0	97.3		99.4	99.4
6104.8	1.63806	15.3	36.0	59.9	77.4	47.9	51.3	84.2	61.9	71.9	85.2	92.2	95.9	91.2	92.7	94.3	97.1	95.5	97.5		99.4	99.4
6105.0	1.63800	15.9	37.6	59.0	77.1	47.5	53.2	83.1	62.5	72.5	85.5	92.4	96.0	92.3	93.6	94.2	97.3	95.9	98.2		99.4	99.4
6105.2	1.63795	15.9	38.0	59.5	77.8	45.4	51.9	82.5	63.5	73.0	86.1	92.6	96.1	92.2	93.7	94.1	97.0	97.0	98.1		99.4	99.4
6105.4	1.63789	16.9	37.5	60.0	78.7	45.0	52.6	83.7	63.9	73.5	86.3	92.8	96.2	91.5	93.2	94.3	96.9	95.8	97.7		99.4	99.4
6105.6	1.63784	19.0	38.2	61.7	80.2	47.3	53.4	85.5	64.5	74.0	86.7	93.0	96.3	91.0	92.9	94.0	97.1	95.4	97.4		99.4	99.5
6105.8	1.63779	21.1	40.3	63.6	80.9	51.4	55.2	86.5	65.2	74.5	87.1	93.1	96.3	91.4	93.5	94.0	97.1	95.4	97.5		99.5	99.5
6106.0	1.63773	21.9	42.9	55.0	80.5	54.4	55.7	86.5	65.9	75.1	87.4	93.2	96.4	92.4	94.0	94.0	97.5	97.0	97.9		99.5	99.5
6106.2	1.63768	21.3	43.7	54.7	80.0	53.3	55.6	85.2	66.4	75.6	87.3	93.3	96.6	93.4	95.0	94.1	97.5	97.3	98.2		99.5	99.5
6106.4	1.63763	20.2	43.1	53.6	79.5	49.3	53.5	83.9	67.0	75.2	88.1	93.4	96.7	93.1	94.5	94.2	97.1	97.2	98.2		99.5	99.5
6106.6	1.63757	20.4	42.1	53.0	80.5	48.0	52.4	84.7	67.5	75.8	88.4	93.6	96.8	92.2	93.5	94.5	95.7	95.8	98.1		99.5	99.5
6106.8	1.63752	22.9	42.4	54.9	82.5	51.1	53.2	87.2	68.2	77.4	88.5	93.7	97.0	91.7	93.5	95.2	96.9	95.4	97.3		99.5	99.5
6107.0	1.63747	26.4	44.5	57.1	84.0	56.5	50.3	89.3	68.3	77.9	88.9	93.9	97.0	92.0	92.4	95.9	97.5	95.4	97.9		99.5	99.6
6107.2	1.63741	28.5	48.7	59.3	84.2	60.2	54.0	90.3	69.5	78.4	89.1	94.0	97.1	93.4	94.1	96.2	98.0	97.1	98.3		99.5	99.6
6107.4	1.63736	28.9	50.9	70.1	83.5	59.9	54.3	88.9	70.2	78.8	89.3	94.1	97.1	94.5	95.0	96.3	97.8	97.7	98.7		99.5	99.6
6107.6	1.63730	26.9	50.5	57.2	82.9	56.3	51.8	87.1	70.7	79.2	89.5	94.2	97.1	94.7	95.5	95.8	97.5	97.7	98.3		99.5	99.6
6107.8	1.63725	25.7	49.3	53.3	82.9	53.9	59.7	86.5	71.2	79.5	89.3	94.2	97.2	93.9	95.2	95.3	97.2	97.5	98.4		99.5	99.6
6108.0	1.63720	26.0	48.3	59.0	84.0	54.2	59.3	87.1	71.7	79.9	90.0	94.3	97.2	93.3	94.2	96.0	97.2	97.2	97.9		99.5	99.6
6108.2	1.63714	28.3	48.7	59.4	85.0	59.7	60.5	89.2	72.3	80.3	90.2	94.4	97.3	93.3	93.7	96.3	97.5	97.1	97.3		99.6	99.6
6108.4	1.63709	31.2	50.9	71.5	86.0	63.1	53.8	90.4	72.9	80.8	90.4	94.6	97.4	93.5	94.0	96.7	97.9	97.2	98.0		99.6	99.7
6108.6	1.63704	31.8	53.5	73.2	86.1	63.3	55.9	90.3	73.4	81.2	90.7	94.8	97.5	94.5	95.4	96.7	98.0	97.6	98.4		99.6	99.7
6108.8	1.63699	31.3	54.9	73.6	86.1	62.8	55.9	90.5	73.9	81.7	90.8	94.9	97.5	95.2	95.2	96.3	98.1	98.1	98.7		99.5	99.7
6109.0	1.63693	30.4	55.0	73.3	86.1	60.5	54.0	90.1	74.4	82.1	91.0	95.1	97.6	95.2	95.2	96.3	97.7	97.9	98.7		99.7	99.7
6109.2	1.63688	30.1	54.5	73.1	86.1	60.3	53.0	89.9	74.9	82.5	91.2	95.3	97.6	95.0	95.4	96.7	97.7	97.8	98.7		99.7	99.7
6109.4	1.63682	30.1	54.4	73.3	86.4	61.5	53.2	90.2	75.3	82.9	91.4	95.4	97.7	94.7	95.6	96.5	97.9	97.7	98.7		99.7	99.7
6109.6	1.63677	31.1	54.7	73.9	86.4	62.3	54.1	90.5	75.7	83.3	91.7	95.5	97.7	94.7	95.5	96.5	97.9	97.8	98.5		99.7	99.8
6109.8	1.63671	31.7	55.9	74.5	87.0	63.5	55.0	90.9	76.0	83.6	92.0	95.6	97.8	95.1	95.7	96.6	98.0	98.1	98.5		99.7	99.8
6110.0	1.63666	32.9	56.5	75.1	87.2	63.7	55.7	91.0	76.5	83.9	92.1	95.7	97.9	95.2	95.6	96.9	98.1	98.2	98.5		99.7	99.8
6110.2	1.63661	33.9	57.2	75.7	87.7	64.8	55.0	91.2	77.0	84.2	92.2	95.7	97.9	95.3	96.0	97.2	98.2	98.2	98.7		99.7	99.8
6110.4	1.63655	35.3	58.0	76.4	88.3	66.0	55.5	91.3	77.5	84.5	92.4	95.8	98.0	95.4	95.9	97.4	98.5	98.1	98.7		99.7	99.8
6110.6	1.63650	37.3	59.3	77.3	88.4	68.1	55.4	92.7	78.0	84.7	92.5	95.9	98.1	95.5	96.2	97.4	98.5	98.2	98.3		99.8	99.8
6110.8	1.63645	39.7	61.3	79.3	89.2	69.7	70.7	93.1	78.4	85.0	92.8	96.0	98.1	95.9	96.7	97.3	98.5	98.4	98.9		99.8	99.8
6111.0	1.63639	40.7	62.4	78.0	89.4	69.9	72.0	93.3	78.9	85.3	93.0	96.1	98.2	96.1	97.0	97.1	98.5	98.6	98.9		99.8	99.9
6111.2	1.63634	40.2	62.7	78.8	89.2	68.5	71.4	92.5	79.3	85.6	93.1	96.2	98.2	96.4	97.0	97.2	98.2	98.5	98.9		99.8	99.9
6111.4	1.63629	39.9	62.4	78.5	88.9	67.2	73.0	92.2	79.5	85.8	93.3	96.2	98.3	96.0	95.9	97.2	98.2	98.2	98.9		99.8	99.9
6111.6	1.63623	40.9	61.9	78.4	89.1	67.0	69.3	92.1	79.9	86.1	93.5	96.3	98.3	95.7	95.5	97.2	98.2	97.9	98.7		99.8	99.9
6111.8	1.63618	41.4	62.1	79.0	89.3	69.5	70.4	93.0	80.2	86.3	93.5	96.4	98.3	95.7	96.2	97.4	98.3	97.9	98.7		99.8	99.9
6112.0	1.63613	44.3	63.8	80.5	90.5	72.5	73.1	93.9	80.5	86.6	93.9	96.4	98.4	95.3	95.5	97.7	98.5	98.1	98.7		99.8	99.9
6112.2	1.63607	46.7	66.3	81.5	91.2	74.4	75.5	94.5	80.8	86.8	94.0	96.5	98.4	96.2	97.0	97.3	99.0	98.5	98.9		99.9	99.9
6112.4	1.63602	47.2	67.1	82.0	91.1	74.1	75.1	94.5	81.2	87.1	94.1	96.6	98.4	96.3	97.6	97.7	99.2	98.7	99.0		99.9	100.0
6112.6	1.63597	46.0	67.4	81.5	91.0	72.2	75.4	94.0	81.5	87.4	94.3	96.6	98.5	97.0	97.6	97.5	99.2	98.5	99.2		99.9	100.0
6112.8	1.63591	44.6	66.3	81.4	90.8	71.3	73.1	93.5	81.9	87.6	94.5	96.7	98.5	96.9	97.5	97.5	99.0	98.2	99.2		99.9	100.0
6113.0	1.63586	44.0	66.2	81.5	90.5	71.4	71.7	93.4	82.3	87.9	94.5	96.8	98.5	96.7	97.1	97.5	98.8	98.1	99.1		99.9	100.0
6113.2	1.63580	44.9	65.3	81.5	91.7	72.5	71.5	93.5	82.6	88.0	94.7	96.9	98.6	96.5	96.9	97.5	98.5	98.2	99.1		99.9	100.0
6113.4	1.63575	46.5	67.2	82.5	91.3	74.3	72.5	94.1	82.9	88.2	94.8	97.0	98.6	96.5	97.2	97.7	98.7	98.3	99.0		99.9	100.0
6113.6	1.63570	48.5	68.4	83.2	91.5	75.5	74.2	94.5	83.2	88.5	94.9	97.0	98.5	96.7	97.4	97.9	98.7	98.5	98.9		99.9	100.0
6113.8	1.63564	50.1	69.5	83.8	91.9	76.0	75.5	94.7	83.5	88.8	95.0	97.1	98.5	97.0	97.5	97.7	98.3	98.6	98.9		100.0	100.0
6114.0	1.63559	51.1	70.5	84.5	92.1	76.2	75.8	95.2	83.9	89.1	95.1	97.1	98.5	97.2	97.4	97.5	98.9	98.4	98.8		100.0	100.0
6114.2	1.63554	51.5	71.2	84.6	92.3	76.4	77.3	95.1	84.2	89.4	95.1	97.1	98.5	97.4	98.0	97.3	98.9	98.4	98.8		100.0	100.0
6114.4	1.63549	51.5	71.5	84.	92.3	76.6	77.4	95.0	84.5	89.7	95.2	97.2	98.6	97.4	98.1	97.2	98.8	98.8	98.5		100.0	100.0
6114.6	1.63543	51.5	71.8	84.7	92.4	76.7	77.3	95.2	84.7	89.9	95.3	97.2	98.6	97.3	98.1	97.4	98.9	98.7	98.9		100.0	100.0
6114.8	1.63538	51.9	71.9	84.9	92.5	76.9	75.9	94.9	85.0	90.1	95.4	97.2	98.5	97.3	98.2	97.6	98.9	98.6	99.0		100.0	100.0
6115.0	1.63532	52.5	72.1	85.	92.5	77.0	75.7	94.2	85.3	90.2	95.5	97.3	98.6	97.0	97.4	98.0	98.9	98.5	99.0		100.0	100.0
6115.2	1.63527	53.7	72.7	85.5	92.4	77.9	77.4	94.4	85.5	90.4	95.5	97.4	98.6	97.2	98.1	98.3	99.0	98.6	99.1		100.0	100.0
6115.4	1.63522	55.5	73.6	86.	93.2	79.5	73.4	95.2	85.7	90.5	95.5	97.4	98.7	97.3	98.1	98.5	99.1	98.7	99.3		100.0	100.0
6115.6	1.63516	57.2	74.5	85.	93.5	80.9	79.7	95.7	85.9	90.7	95.7	97.5	98.8	97.5	98.2	98.7	99.1	99.0	99.3		100.0	100.0
6115.8	1.63511	58.3	75.9	87.	93.7	81.3	81.0	96.1	86.1	90.6	95.8	97.6	98.9	97.7	98.3	98.3	99.2	99.1	99.3		100.0	100.0

6116.0	1.63504	57.7	76.2	87.1	93.3	80.7	91.7	96.1	86.4	91.0	95.9	97.6	98.9	98.1	[illegible]	98.5	99.2	99.1	99.5	100.0	100.0
6116.2	1.63500	57.4	76.1	87.1	93.9	80.1	91.1	95.8	86.5	91.2	96.0	97.7	98.9	98.0	98.8	99.0	99.2	99.1	99.5	100.0	100.0
6116.4	1.63495	57.7	75.9	87.2	94.1	80.1	89.9	95.8	86.9	91.4	96.2	97.8	98.9	97.8	98.5	99.0	99.2	99.3	99.5	100.0	100.0
6116.6	1.63490	58.7	76.2	87.4	94.1	80.8	89.6	95.9	87.1	91.6	96.2	97.8	98.9	97.9	98.6	99.0	99.2	99.3	99.5	100.0	100.0
6116.8	1.63484	60.1	77.0	87.9	94.2	82.0	90.2	96.1	87.3	91.8	96.3	97.9	98.9	98.0	98.7	99.1	99.2	99.3	99.5	100.0	100.0
6117.0	1.63479	61.3	77.9	88.4	94.4	83.3	91.2	96.4	87.4	91.9	96.3	98.0	98.9	98.0	98.5	99.3	99.2	99.3	99.5	100.0	100.0
6117.2	1.63473	62.7	78.3	88.9	94.5	83.9	92.2	96.5	87.5	92.1	96.4	98.0	98.9	98.1	98.7	99.4	99.2	99.3	99.7	100.0	100.0
6117.4	1.63468	63.2	78.8	89.2	94.7	83.9	93.1	96.9	87.9	92.3	96.5	98.1	99.0	98.2	98.8	99.4	99.2	99.3	99.7	100.0	100.0
6117.6	1.63463	63.7	79.3	89.2	94.9	84.0	93.3	97.1	88.1	92.5	96.5	98.1	99.0	98.2	98.9	99.4	99.3	99.3	99.7	100.0	100.0
6117.8	1.63457	64.0	79.7	89.3	95.1	84.1	93.4	97.2	88.3	92.7	96.5	98.1	99.0	98.3	98.8	99.4	99.3	99.3	99.7	100.0	100.0
6118.0	1.63452	64.0	79.9	89.5	95.1	84.2	93.5	97.2	88.5	92.9	96.7	98.2	99.1	98.4	98.6	99.5	99.3	99.3	99.7	100.0	100.0
6118.2	1.63447	64.7	80.4	89.8	95.3	84.5	93.7	97.4	88.7	93.1	96.7	98.2	99.2	98.4	98.7	99.5	99.3	99.2	99.7	100.0	100.0
6118.4	1.63441	66.1	80.9	90.0	95.5	85.1	94.3	97.5	88.9	93.2	96.7	98.2	99.2	98.4	99.0	99.5	99.3	99.2	99.7	100.0	100.0
6118.6	1.63436	67.4	81.4	90.3	95.7	85.4	94.8	97.3	89.0	93.3	96.8	98.3	99.3	98.5	99.2	99.5	99.3	99.2	99.7	100.0	100.0
6118.8	1.63431	68.5	82.0	90.7	95.3	86.0	95.7	97.9	89.1	93.4	96.8	98.3	99.3	98.7	99.3	99.5	99.2	99.3	99.7	100.0	100.0
6119.0	1.63425	69.4	82.5	91.0	95.9	86.5	95.5	98.0	89.3	93.5	96.9	98.4	99.3	98.7	99.3	99.5	99.2	99.3	99.7	100.0	100.0
6119.2	1.63420	69.9	83.2	91.1	96.0	86.9	97.0	98.2	89.4	93.6	97.0	98.4	99.4	98.7	99.4	99.5	99.3	99.3	99.7	100.0	100.0
6119.4	1.63415	69.3	83.3	91.1	96.2	86.9	97.2	98.3	89.5	93.7	97.1	98.5	99.5	98.9	99.4	99.5	99.4	99.3	99.7	100.0	100.0
6119.6	1.63409	69.5	83.5	91.2	96.2	87.1	97.2	98.3	89.5	93.9	97.1	98.5	99.5	98.9	99.4	99.7	99.4	99.3	99.7	100.0	100.0
6119.8	1.63404	69.5	83.8	91.3	96.4	87.2	97.3	98.3	89.7	94.0	97.1	98.6	99.5	98.9	99.5	99.8	99.4	99.3	99.5	100.0	100.0
6120.0	1.63399	69.8	84.0	91.4	96.4	87.3	97.4	98.3	89.8	94.1	97.1	98.6	99.5	98.9	99.6	99.9	99.4	99.3	99.5	100.0	100.0
6120.2	1.63393	70.2	84.1	91.5	96.4	87.3	97.4	98.3	90.0	94.1	97.1	98.7	99.5	98.9	99.5	99.9	99.4	99.3	99.5	100.0	100.0
6120.4	1.63388	70.5	84.1	91.6	96.5	87.3	97.4	98.3	90.1	94.2	97.1	98.7	99.5	98.9	99.5	100.0	99.4	99.3	99.5	100.0	100.0
6120.6	1.63383	71.4	84.1	91.7	96.5	87.4	97.4	98.3	90.2	94.2	97.1	98.8	99.5	98.9	99.5	100.0	99.5	99.3	99.5	100.0	100.0
6120.8	1.63377	71.9	84.3	91.6	96.3	87.3	97.8	98.5	90.3	94.2	97.1	98.6	99.5	98.9	99.5	100.0	99.5	99.3	99.5	100.0	100.0
6121.0	1.63372	71.5	84.4	91.5	96.9	87.3	98.0	98.5	90.4	94.3	97.1	98.8	99.5	98.9	99.5	100.0	99.6	99.3	99.5	100.0	100.0
6121.2	1.63367	71.2	84.5	91.5	96.7	87.3	98.0	98.5	90.5	94.3	97.1	98.6	99.5	98.9	99.5	100.0	99.7	99.3	99.5	100.0	100.0
6121.4	1.63361	70.3	84.3	91.4	96.5	87.1	97.7	98.4	90.5	94.3	97.1	98.6	99.5	98.9	99.5	100.0	99.7	99.3	99.5	100.0	100.0
6121.6	1.63356	69.5	83.9	91.5	96.4	86.9	97.1	98.3	90.5	94.4	97.1	98.8	99.3	98.9	99.4	100.0	99.7	99.3	99.7	100.0	100.0
6121.8	1.63351	69.4	83.3	91.2	96.4	86.3	95.2	98.3	90.6	94.4	97.1	98.8	99.5	98.7	99.5	100.0	99.9	99.4	99.7	100.0	100.0
6122.0	1.63345	69.2	83.1	91.1	96.3	85.9	95.7	98.3	90.6	94.4	97.1	98.8	99.5	98.5	99.3	100.0	99.9	99.4	99.5	100.0	100.0
6122.2	1.63340	69.9	83.2	91.2	96.3	86.3	95.8	98.3	90.7	94.4	97.2	98.6	99.5	98.5	99.2	100.0	99.7	99.4	99.4	100.0	100.0
6122.4	1.63335	70.4	83.7	91.3	96.3	86.8	95.7	98.4	90.7	94.4	97.2	98.8	99.5	98.5	99.2	100.0	99.7	99.4	99.3	100.0	100.0
6122.6	1.63329	71.2	84.1	91.3	96.3	87.3	97.6	98.4	90.7	94.4	97.2	98.9	99.5	98.5	99.2	100.0	99.5	99.4	99.4	100.0	100.0
6122.8	1.63324	70.9	84.1	91.3	96.3	87.5	97.9	98.5	90.6	94.4	97.2	98.9	99.5	98.7	99.6	100.0	99.5	99.4	99.7	100.0	100.0
6123.0	1.63319	69.7	83.8	91.2	96.3	87.2	97.4	98.3	90.5	94.4	97.2	98.9	99.5	98.7	99.5	100.0	99.3	99.4	99.9	100.0	100.0
6123.2	1.63313	68.5	83.3	90.9	96.1	86.2	95.3	98.3	90.5	94.4	97.2	98.9	99.5	98.8	99.3	100.0	99.5	99.4	99.5	100.0	100.0
6123.4	1.63308	68.0	82.9	90.7	95.7	85.4	95.7	98.0	90.4	94.3	97.2	98.9	99.5	98.8	99.2	100.0	99.2	99.4	99.3	100.0	100.0
6123.6	1.63303	68.0	82.7	90.6	95.5	85.0	95.2	97.9	90.4	94.3	97.2	98.9	99.5	98.5	99.0	100.0	99.1	99.4	99.3	100.0	100.0
6123.8	1.63297	68.7	82.8	90.6	95.7	85.4	95.3	98.1	90.4	94.3	97.2	98.9	99.5	98.5	98.9	100.0	99.2	99.4	99.4	100.0	100.0
6124.0	1.63292	69.8	83.2	91.1	95.3	86.2	95.4	98.3	90.4	94.2	97.2	98.9	99.5	98.7	99.1	100.0	99.3	99.4	99.4	100.0	100.0
6124.2	1.63287	70.5	83.9	91.4	95.9	86.9	97.6	98.4	90.4	94.2	97.2	98.9	99.5	99.2	99.3	100.0	99.4	99.4	99.5	100.0	100.0
6124.4	1.63281	70.3	84.0	91.3	95.9	87.1	97.6	98.5	90.4	94.2	97.2	98.9	99.5	99.0	99.5	100.0	99.4	99.4	99.5	100.0	100.0
6124.6	1.63276	69.2	83.7	91.0	95.8	86.5	97.2	98.5	90.4	94.2	97.2	98.9	99.5	98.9	99.5	100.0	99.4	99.4	99.5	100.0	100.0
6124.8	1.63271	68.1	82.9	90.6	95.7	85.5	95.9	98.1	90.4	94.2	97.2	98.9	99.5	98.7	99.4	100.0	99.4	99.4	99.5	100.0	100.0
6125.0	1.63265	67.8	82.4	90.6	95.7	85.1	95.2	97.9	90.4	94.2	97.2	98.9	99.5	98.3	99.2	100.0	99.4	99.4	99.5	100.0	100.0
6125.2	1.63260	68.4	82.4	90.9	95.7	85.2	95.3	97.9	90.4	94.2	97.3	98.9	99.5	98.4	99.1	100.0	99.3	99.4	99.5	100.0	100.0
6125.4	1.63255	69.5	82.9	91.1	95.9	86.0	95.1	98.0	90.4	94.2	97.3	98.9	99.5	98.3	98.9	100.0	99.3	99.4	99.7	100.0	100.0
6125.6	1.63249	70.4	83.4	91.2	95.9	86.9	97.2	98.5	90.3	94.2	97.3	98.9	99.5	98.7	99.2	100.0	99.3	99.4	99.7	100.0	100.0
6125.8	1.63244	70.1	83.7	91.2	95.9	87.1	97.9	98.5	90.3	94.2	97.3	98.9	99.5	98.8	99.3	100.0	99.4	99.4	99.7	100.0	100.0
6126.0	1.63239	68.7	83.3	91.0	95.9	87.1	97.5	98.4	90.2	94.2	97.3	98.9	99.5	98.7	99.4	100.0	99.4	99.4	99.7	100.0	100.0
6126.2	1.63233	67.5	82.7	90.7	95.7	86.0	95.3	98.2	90.2	94.2	97.3	98.9	99.5	98.4	99.3	100.0	99.4	99.4	99.7	100.0	100.0
6126.4	1.63228	67.3	82.2	90.6	95.7	85.3	95.5	98.0	90.1	94.2	97.3	98.9	99.5	98.2	99.1	100.0	99.5	99.4	99.7	100.0	100.0
6126.6	1.63223	68.3	82.3	90.7	95.5	85.4	95.4	98.0	90.1	94.2	97.3	98.9	99.5	98.2	99.0	100.0	99.5	99.4	99.7	100.0	100.0
6126.8	1.63217	69.3	82.9	91.0	95.7	86.0	95.1	98.3	90.0	94.2	97.3	98.9	99.5	98.5	98.9	100.0	99.5	99.4	99.7	100.0	100.0
6127.0	1.63212	70.9	83.9	91.3	95.9	87.1	97.6	98.7	89.9	94.1	97.3	98.9	99.5	98.8	99.2	100.0	99.4	99.4	99.7	100.0	100.0
6127.2	1.63207	71.1	84.3	91.3	96.0	88.2	98.8	98.9	89.8	94.1	97.3	98.9	99.5	99.0	99.5	100.0	99.4	99.4	99.7	100.0	100.0
6127.4	1.63201	69.0	83.7	90.9	95.9	88.0	98.2	98.3	89.7	94.0	97.2	98.9	99.5	98.9	99.5	100.0	99.4	99.4	99.7	100.0	100.0
6127.6	1.63196	67.2	82.7	90.4	95.5	87.1	95.5	98.0	89.5	93.9	97.1	98.9	99.5	98.6	99.3	100.0	99.3	99.4	99.7	100.0	100.0
6127.8	1.63191	66.1	81.5	90.2	95.4	85.7	95.1	97.3	89.5	93.8	97.0	98.9	99.5	98.4	99.2	100.0	99.3	99.4	99.7	100.0	100.0
6128.0	1.63185	66.5	81.1	90.1	95.4	85.0	94.8	97.7	89.5	93.7	96.9	98.9	99.5	98.3	99.1	100.0	99.3	99.4	99.7	100.0	100.0
6128.2	1.63180	68.0	81.5	90.2	95.4	85.2	95.6	97.9	89.3	93.6	96.9	98.9	99.5	98.3	99.0	100.0	99.3	99.4	99.5	100.0	100.0
6128.4	1.63175	68.7	82.3	90.4	95.5	86.1	97.0	98.2	89.4	93.5	96.9	98.8	99.5	98.4	99.0	100.0	99.3	99.4	99.5	100.0	100.0
6128.6	1.63169	67.7	82.7	90.4	95.5	87.2	95.0	98.3	89.2	93.4	96.3	98.8	99.5	98.5	99.0	100.0	99.3	99.4	99.5	100.0	100.0
6128.8	1.63164	65.1	81.9	90.1	95.1	87.3	95.7	98.1	89.0	93.3	96.3	98.8	99.3	98.7	99.2	99.5	99.3	99.4	99.5	100.0	100.0
6129.0	1.63159	63.0	80.1	89.4	94.3	86.1	94.8	97.4	88.9	93.2	96.9	98.8	99.5	98.6	99.2	99.4	99.3	99.4	99.5	100.0	100.0
6129.2	1.63153	61.7	78.9	88.6	94.5	84.0	93.0	97.0	88.7	93.1	96.7	98.7	99.5	98.2	99.0	99.4	99.3	99.4	99.5	100.0	100.0
6129.4	1.63148	61.2	78.3	88.2	94.4	82.3	92.2	96.9	88.5	92.9	96.5	98.7	99.5	97.9	98.8	99.2	99.3	99.4	99.5	100.0	100.0
6129.6	1.63143	61.5	78.2	88.4	94.4	81.9	92.8	96.7	88.4	92.8	96.5	98.7	99.5	97.9	98.6	99.1	99.2	99.4	99.5	100.0	100.0
6129.8	1.63137	62.5	78.5	88.5	94.4	82.8	94.0	97.3	88.2	92.6	96.5	98.6	99.5	98.2	98.8	99.0	99.2	99.4	99.5	100.0	100.0
6130.0	1.63132	62.5	78.7	88.3	94.4	83.9	94.9	97.5	88.0	92.4	96.4	98.6	99.5	98.2	99.0	99.0	99.1	99.4	99.5	100.0	100.0
6130.2	1.63127	60.0	77.4	87.6	94.0	84.2	93.6	96.3	87.9	92.3	96.3	98.5	99.5	98.1	99.1	98.9	99.1	99.4	99.4	100.0	100.0
6130.4	1.63121	57.5	76.0	85.8	93.5	82.9	91.1	96.1	87.7	92.2	96.3	98.5	99.4	97.8	98.9	98.9	99.1	99.4	99.4	100.0	100.0
6130.6	1.63116	56.4	75.1	85.2	93.4	81.0	89.4	95.7	87.5	92.1	96.2	98.4	99.4	97.4	98.5	98.9	99.1	99.4	99.4	100.0	100.0
6130.8	1.63111	56.7	74.9	85.3	93.4	79.5	89.2	95.9	87.4	91.9	96.1	98.3	99.4	97.1	98.3	98.7	99.1	99.4	99.4	100.0	100.0
6131.0	1.63106	57.5	75.2	85.5	93.4	79.1	90.3	96.3	87.2	91.8	96.1	98.3	99.3	97.2	98.3	98.7	99.1	99.4	99.3	100.0	100.0
6131.2	1.63100	57.8	75.9	85.7	93.5	80.0	92.0	96.9	87.1	91.6	96.0	98.2	99.3	97.4	98.7	98.7	99.1	99.4	99.3	100.0	100.0
6131.4	1.63095	56.9	75.9	85.6	93.5	81.9	92.0	96.8	86.9	91.5	95.9	98.2	99.3	97.8	98.7	98.5	99.1	99.4	99.2	100.0	100.0
6131.6	1.63090	54.9	74.9	85.0	93.1	81.7	90.6	96.3	86.5	91.5	95.9	98.1	99.3	97.8	98.9	98.4	99.1	99.3	99.2	100.0	100.0
6131.8	1.63084	53.2	73.5	85.1	92.7	80.4	89.4	95.5	86.4	91.4	95.3	98.1	99.3	97.5	98.7	98.3	99.1	99.0	99.2	100.0	100.0

Table 4-I (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
p (atm)		2.50×10^{0}	2.53×10^{0}	2.53×10^{0}	2.50×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.46×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{0}	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}	2.34×10^{-2}	2.34×10^{-2}	2.34×10^{-2}	2.17×10^{-1}	2.17×10^{-1}	2.17×10^{-1}
P_e (atm)		3.29×10^{0}	3.32×10^{0}	3.32×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}	3.00×10^{-1}	1.02×10^{-1}	3.04×10^{-2}	1.30×10^{1}	1.00×10^{0}	2.83×10^{-1}
u (atm cm) STP		2.17×10^{5}	1.10×10^{5}	5.57×10^{4}	2.80×10^{4}	8.71×10^{4}	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	3.30×10^{2}	3.30×10^{2}	3.30×10^{2}
ν (cm^{-1})	λ (micron)	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100
6132.0	1.63079	52.3	72.5	34.5	92.5	78.5	77.2	95.1	86.1	91.1	95.7	98.1	99.3	97.2	98.4	98.2	98.9	98.9	99.2		100.0	100.0						
6132.2	1.63074	52.1	72.0	34.4	92.5	77.1	77.2	95.1	85.9	90.8	95.7	98.0	99.3	96.3	98.1	98.2	98.3	99.0	99.2		100.0	100.0						
6132.4	1.63069	52.5	72.1	34.0	92.5	76.5	77.9	95.5	85.7	90.6	95.5	98.0	99.3	96.3	97.8	98.0	98.7	99.1	99.2		100.0	100.0						
6132.6	1.63063	53.0	72.4	34.7	92.5	76.7	79.0	95.9	85.5	90.5	95.5	97.9	99.3	97.1	97.9	98.0	98.3	99.3	99.2		100.0	100.0						
6132.8	1.63058	52.2	72.1	34.4	92.5	78.0	78.7	95.7	85.3	90.4	95.5	97.9	99.2	97.2	98.2	98.0	98.3	99.3	99.1		100.0	100.0						
6133.0	1.63052	50.5	71.5	34.0	92.2	78.3	77.5	95.4	85.2	90.3	95.4	97.8	99.2	97.1	98.4	98.0	98.9	99.2	99.1		100.0	100.0						
6133.2	1.63047	49.7	70.9	33.6	92.0	77.7	75.4	95.1	85.1	90.1	95.3	97.8	99.2	97.0	98.5	98.3	98.9	99.0	99.0		100.0	100.0						
6133.4	1.63042	49.5	70.5	33.5	91.9	76.5	75.1	95.0	85.0	90.0	95.3	97.7	99.1	96.9	98.3	98.1	98.9	98.9	99.0		100.0	100.0						
6133.6	1.63036	50.5	70.4	33.6	91.9	75.4	75.5	95.0	84.9	89.9	95.2	97.7	99.1	96.7	97.9	98.4	98.9	99.0	99.0		100.0	100.0						
6133.8	1.63031	51.0	70.8	33.8	92.0	75.1	77.2	95.3	84.7	89.8	95.1	97.7	99.1	96.9	98.0	98.4	98.9	99.2	99.0		100.0	100.0						
6134.0	1.63026	50.3	70.5	33.8	91.7	75.9	77.9	95.5	84.5	89.8	95.0	97.7	99.0	97.0	98.1	98.5	99.0	99.2	99.0		100.0	100.0						
6134.2	1.63020	48.5	69.9	33.4	91.5	77.0	75.5	94.7	84.5	89.7	94.9	97.7	99.0	97.2	98.2	98.5	99.0	99.2	99.1		100.0	100.0						
6134.4	1.63015	46.9	68.7	32.4	91.2	77.0	74.8	94.2	84.3	89.5	94.8	97.7	99.0	97.1	98.2	98.4	99.0	99.2	99.1		100.0	100.0						
6134.6	1.63010	45.9	67.9	31.9	91.0	75.9	73.5	94.1	84.1	89.4	94.7	97.7	99.0	96.9	98.1	98.2	99.0	99.2	99.1		100.0	100.0						
6134.8	1.63004	46.1	67.4	31.9	90.9	74.2	73.1	94.1	84.0	89.3	94.5	97.7	99.0	96.4	97.9	98.2	99.0	99.0	99.1		100.0	100.0						
6135.0	1.62999	47.4	67.5	32.1	91.1	72.7	73.8	94.2	83.8	89.3	94.5	97.7	99.0	96.1	97.5	98.2	99.0	98.8	99.1		100.0	100.0						
6135.2	1.62994	46.5	68.5	32.5	91.4	72.9	75.0	94.9	83.7	89.2	94.5	97.6	99.0	96.2	97.4	98.2	99.1	98.8	99.1		100.0	100.0						
6135.4	1.62989	48.4	69.1	33.0	91.4	73.5	75.5	95.1	83.5	89.2	94.5	97.6	99.0	96.5	97.7	98.2	99.1	99.0	99.1		100.0	100.0						
6135.6	1.62983	47.4	68.9	32.7	91.2	74.7	75.1	94.9	83.5	89.1	94.5	97.6	99.0	96.7	98.0	98.2	99.0	99.2	99.1		100.0	100.0						
6135.8	1.62978	46.2	68.0	32.1	91.0	75.2	74.8	94.5	83.5	89.1	94.5	97.5	99.0	97.0	98.1	98.1	98.9	99.3	99.1		100.0	100.0						
6136.0	1.62973	45.3	67.2	31.7	90.9	74.4	73.5	94.1	83.4	89.0	94.5	97.5	99.0	96.7	97.9	98.1	98.9	99.1	99.1		100.0	100.0						
6136.2	1.62967	45.0	66.7	31.4	90.8	72.9	73.3	94.0	83.3	88.9	94.5	97.5	99.0	96.5	97.8	98.0	98.7	98.9	99.1		100.0	100.0						
6136.4	1.62962	45.2	66.7	31.5	90.8	71.9	73.9	94.0	83.2	88.8	94.5	97.5	99.0	96.5	97.7	97.9	98.7	98.7	99.1		100.0	100.0						
6136.6	1.62957	45.1	66.7	31.6	90.7	72.1	73.9	94.1	83.1	88.7	94.5	97.4	99.0	96.4	97.6	97.5	98.5	98.7	99.1		100.0	100.0						
6136.8	1.62951	44.5	66.5	31.5	90.5	72.5	73.1	94.0	83.1	88.7	94.5	97.4	99.0	96.3	97.6	97.3	98.5	98.8	99.1		100.0	100.0						
6137.0	1.62946	44.0	66.2	31.5	90.5	72.5	72.2	93.7	83.0	88.7	94.5	97.4	99.0	96.3	97.7	97.7	98.5	98.9	99.1		100.0	100.0						
6137.2	1.62941	43.7	65.8	31.5	90.5	72.3	71.7	93.5	83.0	88.7	94.5	97.4	99.0	96.3	97.6	97.5	98.6	98.9	99.1		100.0	100.0						
6137.4	1.62935	43.9	65.8	31.1	90.5	71.7	72.2	93.5	82.9	88.7	94.5	97.4	98.9	96.2	97.4	97.5	98.5	98.7	99.1		100.0	100.0						
6137.6	1.62930	45.5	66.5	31.2	90.9	71.0	73.2	93.7	82.9	88.7	94.5	97.4	98.8	96.2	97.3	97.7	98.7	98.6	99.1		100.0	100.0						
6137.8	1.62925	46.1	67.3	31.7	90.9	71.5	74.1	94.2	82.9	88.7	94.5	97.4	98.8	96.3	97.3	97.3	98.7	98.5	99.1		100.0	100.0						
6138.0	1.62920	46.0	67.6	31.8	90.9	72.5	74.5	94.4	82.8	88.6	94.5	97.4	98.8	96.4	97.6	97.9	98.3	98.6	99.1		100.0	100.0						
6138.2	1.62914	44.3	67.2	31.7	90.8	73.3	74.2	94.2	82.7	88.5	94.5	97.4	98.9	96.5	97.8	97.5	98.3	98.8	99.1		100.0	100.0						
6138.4	1.62909	43.2	66.3	31.4	90.5	73.4	73.1	93.8	82.7	88.5	94.5	97.4	98.9	96.3	97.9	97.3	98.9	99.1	99.1		100.0	100.0						
6138.6	1.62904	42.3	65.5	31.0	90.4	72.5	71.6	93.4	82.7	88.5	94.5	97.4	98.9	96.2	97.6	97.3	98.9	99.0	99.1		100.0	100.0						
6138.8	1.62899	42.7	65.1	30.5	90.3	71.2	71.4	93.4	82.5	88.4	94.5	97.4	98.9	96.1	97.5	97.7	98.5	98.8	99.1		100.0	100.0						
6139.0	1.62893	43.7	65.3	30.8	90.4	70.3	71.9	93.5	82.5	88.4	94.4	97.4	98.9	96.0	97.2	97.5	98.3	98.6	99.1		100.0	100.0						
6139.2	1.62888	44.4	65.8	30.9	90.5	70.5	72.9	93.7	82.5	88.4	94.4	97.4	98.8	95.9	97.3	97.5	98.3	99.5	99.1		100.0	100.0						
6139.4	1.62882	44.7	66.2	31.1	90.5	71.5	73.5	93.8	82.4	88.3	94.4	97.4	98.7	96.0	97.4	97.7	98.7	99.5	99.1		100.0	100.0						
6139.6	1.62877	44.5	66.4	31.2	90.5	72.5	73.3	93.8	82.4	88.3	94.4	97.4	98.7	96.4	97.4	97.7	98.7	98.7	99.1		100.0	100.0						
6139.8	1.62872	44.4	66.5	31.5	90.5	72.5	72.7	93.8	82.5	88.3	94.4	97.4	98.7	96.4	97.3	97.7	98.7	98.9	99.1		100.0	100.0						
6140.0	1.62866	44.4	66.3	31.5	90.5	72.0	73.0	93.8	82.5	88.3	94.4	97.4	98.7	96.3	97.2	97.7	98.7	98.9	99.1	100.0	100.0	100.0	100.0	100.0	100.0			
6140.2	1.62861	44.9	66.4	31.5	90.7	71.8	73.5	93.7	82.5	88.3	94.4	97.4	98.7	96.2	97.2	97.5	98.7	98.6	99.0	100.0	100.0	100.0	100.0	100.0	100.0			
6140.4	1.62856	45.0	66.3	31.4	90.5	72.3	73.9	93.4	82.5	88.3	94.4	97.4	98.7	96.3	97.2	97.7	98.7	98.6	99.0	100.0	100.0	100.0	100.0	100.0	100.0			
6140.6	1.62851	44.5	66.9	31.4	90.6	72.9	73.8	93.9	82.5	88.4	94.4	97.4	98.7	96.5	97.4	97.7	98.5	98.8	99.0	100.0	100.0	100.0	100.0	100.0	100.0			
6140.8	1.62845	43.8	66.5	31.2	90.5	72.8	73.3	93.7	82.5	88.4	94.4	97.4	98.7	96.5	97.4	97.7	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0			
6141.0	1.62840	43.4	65.9	30.9	90.4	72.2	72.5	93.4	82.7	88.4	94.4	97.4	98.7	96.4	97.4	97.8	98.5	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0			
6141.2	1.62835	44.0	65.8	31.0	90.4	71.1	72.1	93.3	82.8	88.4	94.4	97.4	98.7	96.3	97.3	97.5	98.7	98.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0			
6141.4	1.62829	44.9	66.5	31.0	90.7	71.3	72.8	93.5	82.8	88.4	94.4	97.4	98.7	96.4	97.1	97.7	98.7	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0			
6141.6	1.62824	45.3	67.2	31.5	90.9	72.3	73.9	94.0	82.8	88.4	94.4	97.4	98.7	96.7	97.1	97.7	98.7	[illegible]	99.0	100.0	100.0	100.0	100.0	100.0	100.0			
6141.8	1.62819	46.1	67.7	31.9	91.0	73.5	74.6	94.3	82.8	88.4	94.4	97.4	98.5	96.7	97.5	97.5	98.3	98.5	99.0	100.0	100.0	100.0	100.0	100.0	100.0			
6142.0	1.62813	45.8	67.8	31.9	91.0	74.3	74.0	94.4	82.8	88.4	94.4	97.4	98.6	96.9	97.8	97.5	98.3	99.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0			
6142.2	1.62808	45.5	67.6	31.8	91.0	73.5	73.9	94.3	82.8	88.4	94.4	97.4	98.6	96.9	97.7	97.5	98.3	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0			
6142.4	1.62803	44.7	66.9	31.6	91.0	72.7	73.2	94.1	82.9	88.5	94.4	97.4	98.6	96.9	97.6	97.5	98.3	98.8	99.0	100.0	100.0	100.0	100.0	100.0	100.0			
6142.6	1.62798	44.4	66.6	31.3	91.0	72.5	72.8	94.1	82.9	88.5	94.5	97.5	98.5	96.8	97.5	[illegible]	98.3	[illegible]	99.1	100.0	100.0	100.0	100.0	100.0	100.0			
6142.8	1.62792	44.4	66.5	31.5	90.9	72.5	72.6	94.1	83.0	88.5	94.5	[illegible]	98.6	96.8	[illegible]	97.5	98.3	98.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0			
6143.0	1.62787	44.7	66.5	31.5	90.9	72.6	72.6	94.1	83.1	88.5	94.5	97.5	98.6	96.5	97.4	[illegible]	98.3	98.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0			
6143.2	1.62782	45.3	66.8	31.5	91.0	72.5	72.8	94.1	83.1	88.5	94.5	97.5	98.6	96.5	97.3	[illegible]	98.3	98.8	99.0	[illegible]	100.0	100.0	100.0	100.0	100.0			
6143.4	1.62776	46.2	67.6	31.7	[illegible]	72.6	73.1	94.0	83.0	88.6	94.5	97.5	98.5	96.5	97.3	[illegible]	98.3	[illegible]	99.0	[illegible]	100.0	100.0	100.0	100.0	100.0			
6143.6	1.62771	47.5	68.2	[illegible]	[illegible]	73.5	74.0	94.0	83.0	88.6	94.5	97.5	98.5	96.5	97.3	[illegible]	98.3	98.6	99.0	[illegible]	100.0	100.0	100.0	100.0	100.0			
6143.8	1.62765	[illegible]	69.1	[illegible]	[illegible]	74.7	74.7	94.3	83.1	88.6	94.5	97.6	98.6	96.9	97.5	[illegible]	98.3	[illegible]	99.0	[illegible]	100.0	100.0	100.0	100.0	100.0			
6144.0	1.62760	48.8	69.4	[illegible]	[illegible]	75.5	[illegible]	94.3	83.2	88.7	94.7	97.6	98.6	97.1	97.7	[illegible]	98.3	98.9	99.0	[illegible]	100.0	100.0	100.0	100.0	100.0			
6144.2	1.62755	[illegible]	69.3	[illegible]	[illegible]	75.7	75.3	94.9	83.3	88.7	94.7	97.5	98.6	97.3	97.9	[illegible]	98.3	99.1	99.1	[illegible]	100.0	100.0	100.0	100.0	100.0			
6144.4	1.62750	46.8	68.6	32.4	91.5	74.9	74.4	94.5	83.4	88.7	94.7	97.6	98.6	97.0	[illegible]	97.5	98.3	99.0	99.1	[illegible]	100.0	100.0	100.0	100.0	100.0			
6144.6	1.62745	[illegible]	[illegible]	[illegible]	91.3	73.4	73.4	94.3	83.5	88.8	94.7	97.6	98.6	96.8	[illegible]	[illegible]	98.3	99.1	99.2	[illegible]	100.0	100.0	100.0	100.0	100.0			
6144.8	1.62739	[illegible]	67.1	[illegible]	[illegible]	72.7	72.9	93.9	83.5	88.9	94.7	97.6	98.6	96.7	[illegible]	[illegible]	98.3	99.0	99.2	[illegible]	100.0	100.0	100.0	100.0	100.0			

6145.0	1.62734	45.2	67.0	91.6	91.1	72.5	72.6	93.4	83.5	99.9	94.4	97.6	98.6	96.5	97.4	97.5	98.4	99.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0			
6145.2	1.62729	46.3	67.2	92.0	91.4	73.2	72.7	93.9	83.5	99.8	94.4	97.6	98.6	96.5	97.4	97.9	98.8	99.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0			
6145.4	1.62723	47.8	68.5	92.5	91.7	74.4	74.1	94.3	83.5	99.8	94.4	97.6	98.6	96.9	97.6	98.0	98.7	99.8	99.2	99.6	100.0	100.0	100.0	100.0	100.0			
6145.6	1.62718	49.5	69.7	93.0	92.0	75.5	75.8	94.7	83.5	99.8	94.3	97.6	98.6	97.0	97.7	98.1	98.9	99.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0			
6145.8	1.62713	51.0	70.5	93.6	92.1	76.4	75.8	95.0	83.7	99.9	94.9	97.6	98.5	97.0	97.9	98.4	99.0	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0			
6146.0	1.62707	51.4	71.2	93.7	92.3	77.1	77.3	95.1	83.8	99.9	94.9	97.6	98.5	97.3	98.1	98.5	99.1	99.1	99.2	99.7	100.0	100.0	100.0	100.0	100.0			
6146.2	1.62702	51.1	71.3	93.6	92.4	77.0	77.6	95.2	83.9	99.9	94.9	97.7	98.6	97.4	98.2	98.3	99.1	99.2	99.3	99.7	100.0	100.0	100.0	100.0	100.0			
6146.4	1.62697	49.7	70.7	93.2	92.1	76.3	77.0	95.2	83.9	99.0	95.0	97.7	98.5	97.1	98.0	98.1	99.1	99.1	99.3	99.7	100.0	100.0	100.0	100.0	100.0			
6146.6	1.62692	48.1	69.7	92.5	91.7	74.9	75.6	94.9	84.0	99.0	95.0	97.7	98.6	96.9	97.7	97.9	98.9	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0			
6146.8	1.62686	47.0	68.5	92.0	91.5	73.5	74.2	94.5	84.0	99.0	95.0	97.7	98.6	96.5	97.5	97.5	98.7	98.8	99.2	99.7	100.0	100.0	100.0	100.0	100.0			
6147.0	1.62681	46.7	68.0	92.1	91.4	72.9	73.8	94.1	84.0	99.0	95.0	97.7	98.5	96.4	97.4	97.3	98.6	99.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0			
6147.2	1.62676	47.2	68.1	92.3	91.5	73.2	73.9	94.0	84.0	99.0	95.1	97.7	98.6	96.5	97.5	97.6	98.5	99.9	99.2	99.6	100.0	100.0	100.0	100.0	100.0			
6147.4	1.62670	48.9	69.0	93.0	91.9	75.0	74.9	94.5	84.1	99.0	95.0	97.8	98.6	97.0	97.7	98.0	98.5	99.0	99.1	99.6	100.0	100.0	100.0	100.0	100.0			
6147.6	1.62665	50.4	70.5	93.9	92.2	76.4	75.1	95.3	84.1	99.1	95.0	97.8	98.6	97.3	97.9	98.2	98.5	99.2	99.1	99.6	100.0	100.0	100.0	100.0	100.0			
6147.8	1.62660	52.0	71.3	94.5	92.5	77.3	77.3	95.7	84.2	99.1	95.1	97.8	98.6	97.4	98.2	98.4	98.5	99.1	99.1	99.6	100.0	100.0	100.0	100.0	100.0			
6148.0	1.62655	53.3	72.5	94.6	92.8	78.0	78.3	95.9	84.3	99.1	95.0	97.8	98.6	97.4	98.3	98.5	98.5	99.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0			
6148.2	1.62649	53.3	72.8	94.5	92.9	78.4	79.0	95.9	84.3	99.2	95.0	97.8	98.5	97.4	98.3	98.4	98.5	99.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0			
6148.4	1.62644	53.2	72.8	94.6	92.7	78.4	78.9	95.9	84.4	99.2	95.0	97.8	98.6	97.5	98.3	98.2	98.5	99.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0			
6148.6	1.62639	50.9	72.1	93.2	92.8	77.4	77.2	95.4	84.4	99.2	95.0	97.8	98.5	97.4	98.3	98.3	98.7	99.0	99.2	99.6	100.0	100.0	100.0	100.0	100.0			
6148.8	1.62633	48.5	70.5	92.6	92.0	75.1	75.4	94.7	84.4	99.3	95.0	97.8	98.6	97.1	98.0	97.9	98.7	99.0	99.2	99.6	100.0	100.0	99.9	100.0	100.0			
6149.0	1.62628	47.5	69.4	92.1	91.4	73.5	73.8	94.2	84.4	99.3	95.0	97.8	98.6	96.8	97.5	97.5	98.7	99.0	99.1	99.6	100.0	100.0	99.9	100.0	100.0			
6149.2	1.62623	47.1	68.3	92.2	91.2	73.2	73.1	94.0	84.4	99.3	95.0	97.8	98.6	96.7	97.1	97.7	98.7	99.0	99.0	99.6	100.0	100.0	99.9	100.0	100.0			
6149.4	1.62617	48.0	68.9	92.7	91.7	74.1	73.7	94.3	84.4	99.3	95.0	97.8	98.7	96.7	97.4	97.9	98.7	99.1	99.0	99.6	100.0	100.0	99.9	100.0	100.0			
6149.6	1.62612	49.7	69.9	93.8	92.1	75.5	74.9	94.3	84.4	99.3	95.0	97.8	98.7	96.9	97.7	98.1	98.9	99.1	99.1	99.6	100.0	100.0	99.9	100.0	100.0			
6149.8	1.62607	51.5	71.1	94.4	92.5	77.0	75.6	95.4	84.3	99.3	95.0	97.8	98.7	97.2	97.9	98.3	98.9	99.2	99.2	99.6	100.0	100.0	99.9	100.0	100.0			
6150.0	1.62602	52.4	71.9	94.5	92.5	77.5	77.8	95.5	84.3	99.3	95.0	97.6	98.7	97.4	98.1	98.4	98.9	99.3	99.2	99.6	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6150.2	1.62596	52.5	72.2	94.5	92.7	77.6	78.1	95.5	84.2	99.3	95.0	97.8	98.7	97.5	98.3	98.4	98.9	99.4	99.2	99.6	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6150.4	1.62591	52.0	72.0	94.1	92.5	76.9	77.5	95.4	84.2	99.3	95.0	97.6	98.7	97.5	98.1	98.3	98.9	99.4	99.3	99.7	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6150.6	1.62586	51.0	71.3	93.5	92.4	76.0	75.5	95.2	84.2	99.3	95.0	97.8	98.7	97.4	98.0	98.1	98.9	99.2	99.3	99.7	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6150.8	1.62580	49.7	70.5	93.1	92.2	75.1	75.6	94.9	84.2	99.3	95.0	97.8	98.7	97.0	97.9	97.9	99.0	99.1	99.3	99.8	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6151.0	1.62575	48.4	70.0	92.7	92.0	73.8	74.6	94.5	84.1	99.3	95.0	97.8	98.7	96.7	97.8	98.0	99.0	99.0	99.2	99.7	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6151.2	1.62570	47.5	69.1	92.7	91.9	73.8	73.9	94.4	84.0	99.2	95.0	97.8	98.7	96.5	97.7	98.0	98.9	99.0	99.2	99.5	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6151.4	1.62565	47.3	68.9	92.8	91.8	73.9	73.9	94.4	84.0	99.2	95.0	97.8	98.7	96.7	97.6	98.1	98.9	99.0	99.2	99.5	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6151.6	1.62559	47.8	69.0	92.9	91.8	74.3	74.6	94.5	83.8	99.2	95.0	97.8	98.7	96.8	97.7	98.3	98.9	99.0	99.1	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6151.8	1.62554	48.5	69.3	93.1	91.9	74.9	75.4	94.7	83.7	99.1	94.9	97.8	98.7	96.9	97.9	98.3	98.8	99.1	99.1	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6152.0	1.62549	49.0	69.5	93.4	91.8	75.3	75.8	94.9	83.5	99.1	94.9	97.6	98.7	97.0	97.9	98.5	98.9	98.9	99.1	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6152.2	1.62543	49.1	70.0	93.4	91.9	75.5	75.8	94.9	83.5	99.0	94.9	97.6	98.7	97.1	97.9	98.2	98.9	98.8	99.1	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6152.4	1.62538	49.2	70.1	93.4	91.9	75.5	75.8	94.9	83.4	98.9	94.8	97.8	98.7	97.1	97.9	98.2	98.9	98.8	99.1	99.6	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6152.6	1.62533	49.0	69.9	93.3	91.9	75.5	75.5	94.4	83.3	98.9	94.8	97.8	98.7	97.0	97.9	97.8	98.9	98.9	99.1	99.7	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6152.8	1.62528	48.5	69.5	93.2	91.9	75.1	73.2	94.3	83.2	98.8	94.7	97.6	98.7	96.9	97.6	97.8	99.0	98.9	99.1	99.6	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6153.0	1.62522	48.0	69.3	93.0	91.7	74.7	75.0	94.8	83.1	98.7	94.7	97.7	98.7	96.9	97.9	97.9	99.0	99.0	99.1	99.6	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6153.2	1.62517	47.5	68.9	92.6	91.5	74.2	74.9	94.8	82.9	98.5	94.5	97.7	98.7	96.9	97.9	98.0	98.9	99.0	99.1	99.6	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6153.4	1.62512	46.5	68.1	92.0	91.2	73.3	74.3	94.5	82.8	98.4	94.5	97.7	98.7	96.9	97.9	97.9	98.9	98.9	99.1	99.6	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6153.6	1.62507	45.5	67.0	91.2	90.9	71.9	72.9	94.0	82.5	98.3	94.5	97.6	98.7	96.9	97.9	97.5	98.9	98.7	99.1	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6153.8	1.62501	43.2	65.5	90.8	90.5	71.0	71.7	93.4	82.4	98.1	94.5	97.6	98.7	96.5	97.7	97.5	98.9	98.7	99.1	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6154.0	1.62496	42.2	65.0	90.5	90.5	70.9	71.0	93.3	82.2	98.0	94.4	97.6	98.7	96.4	97.4	97.4	98.9	98.6	99.1	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6154.2	1.62491	42.3	65.1	90.6	90.5	71.1	70.6	93.3	82.0	97.9	94.3	97.6	98.6	96.2	97.2	97.5	98.9	98.6	99.1	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6154.4	1.62485	43.5	65.7	91.2	90.7	72.1	71.2	93.4	81.8	97.8	94.3	97.5	98.6	96.3	97.1	97.9	98.7	98.7	99.1	99.5	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
6154.6	1.62480	45.5	66.9	92.3	91.0	73.5	73.1	93.9	81.5	97.7	94.2	97.5	98.6	96.5	97.2	98.4	98.9	98.8	99.1	99.5	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
6154.8	1.62475	47.4	68.4	93.1	91.4	75.1	73.5	94.7	81.3	97.6	94.2	97.5	98.6	96.7	97.5	98.4	99.1	98.9	99.1	99.5	100.0	99.9	99.7	100.0	100.0	100.0	100.0	100.0
6155.0	1.62470	49.0	69.5	93.2	91.5	76.1	77.2	95.0	81.2	97.5	94.1	97.5	98.6	96.8	97.7	98.2	99.3	99.0	99.1	99.5	100.0	99.9	99.7	100.0	100.0	100.0	100.0	100.0
6155.2	1.62464	48.8	69.1	92.5	91.1	75.9	77.1	95.1	80.9	97.2	94.0	97.4	98.6	96.9	97.9	97.9	99.0	99.1	99.4	99.5	100.0	99.9	99.7	100.0	100.0	100.0	100.0	100.0
6155.4	1.62459	46.2	67.5	91.0	90.0	73.2	75.6	94.2	80.6	95.9	93.9	97.4	98.6	96.9	98.0	97.7	98.5	99.0	99.3	99.4	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
6155.6	1.62454	42.0	64.5	75.9	88.3	69.5	71.8	92.5	80.3	95.5	93.7	97.3	98.5	96.7	97.7	97.2	98.2	98.8	99.7	99.2	100.0	99.9	99.7	100.0	100.0	100.0	100.0	100.0
6155.8	1.62448	37.8	61.5	75.7	88.0	65.9	57.4	91.2	80.0	95.2	93.5	97.3	98.6	95.3	95.9	96.4	98.4	98.3	99.3	99.1	100.0	99.9	99.7	100.0	100.0	100.0	100.0	100.0
6156.0	1.62443	34.8	59.0	73.9	87.7	63.4	54.2	90.4	79.5	95.0	93.4	97.2	98.6	94.8	96.0	96.2	98.3	98.1	98.9	99.1	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
6156.2	1.62438	34.0	57.9	75.2	87.3	63.4	52.9	90.3	79.4	95.9	93.3	97.2	98.5	94.7	95.4	96.4	98.2	97.9	98.7	99.2	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
6156.4	1.62433	36.2	58.9	77.7	88.9	66.3	53.9	91.9	79.2	95.9	93.2	97.1	98.5	94.9	95.5	97.0	98.2	98.4	98.3	99.3	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0
6156.6	1.62427	41.2	62.8	79.7	90.1	71.4	59.6	93.4	79.0	95.9	93.1	97.0	98.5	95.3	95.3	97.7	98.5	98.7	98.7	99.5	100.0	99.9	99.7	100.0	100.0	100.0	100.0	100.0
6156.8	1.62422	46.2	66.3	81.7	91.1	75.0	73.8	94.5	78.8	95.8	93.0	97.0	98.5	96.3	97.2	98.0	98.9	98.9	98.9	99.6	100.0	99.9	99.7	100.0	100.0	100.0	100.0	100.0
6157.0	1.62417	49.4	68.7	93.0	91.5	76.9	77.8	95.5	78.5	95.7	92.9	95.9	98.5	97.0	98.0	98.3	98.6	99.2	99.2	99.6	100.0	99.9	99.5	100.0	100.0	100.0	100.0	100.0
6157.2	1.62411	49.3	69.5	92.5	90.9	76.7	79.5	95.3	78.4	95.4	92.7	95.8	98.3	97.4	98.7	98.3	98.5	99.4	99.4	99.7	100.0	99.9	99.5	100.0	100.0	100.0	100.0	100.0
6157.4	1.62406	47.1	68.0	89.7	89.2	73.5	75.2	93.7	78.0	94.9	92.5	95.8	98.4	97.0	98.7	97.9	98.1	99.3	99.5	99.5	100.0	100.0	99.5	100.0	100.0	100.0	100.0	100.0
6157.6	1.62401	41.5	64.0	77.4	87.0	68.1	73.0	91.7	77.5	94.5	92.3	95.7	98.3	95.9	98.0	97.1	97.8	99.0	99.9	99.1	100.0	99.9	99.5	100.0	100.0	100.0	100.0	100.0
6157.8	1.62396	35.0	58.2	74.2	85.3	62.1	55.1	88.4	77.2	94.0	92.1	95.7	98.2	94.5	95.6	96.1	97.5	98.8	99.4	98.9	100.0	99.9	99.5	99.8	99.9	100.0	100.0	100.0
6158.0	1.62390	30.3	54.0	72.0	84.7	57.9	50.8	87.3	76.9	93.6	92.0	95.6	98.2	93.5	94.9	95.4	97.5	97.5	98.8	98.8	100.0	99.9	99.5	99.7	99.3	100.0	100.0	100.0
6158.2	1.62385	28.9	52.2	71.5	85.0	57.0	55.3	87.9	76.5	93.6	91.9	95.6	98.1	93.1	94.1	95.3	97.7	97.6	98.3	98.9	100.0	99.9	99.5	99.6	99.7	100.0	100.0	100.0
6158.4	1.62380	30.7	53.4	73.3	87.0	60.1	59.8	89.7	76.3	93.6	91.7	95.5	98.1	93.3	94.1	95.7	98.1	97.8	98.1	99.0	100.0	99.9	99.5	99.6	99.7	100.0	100.0	100.0
6158.6	1.62375	36.4	57.5	75.1	89.1	66.3	65.7	92.3	76.1	93.6	91.7	95.4	98.1	94.5	94.9	96.3	98.2	98.1	98.1	99.1	100.0	99.9	99.5	99.6	99.7	100.0	100.0	100.0
6158.8	1.62369	45.1	64.1	79.5	90.5	73.4	74.3	94.3	75.9	93.6	91.7	95.4	98.0	95.9	95.6	98.0	98.4	98.5	98.4	99.3	100.0	99.9	99.5	99.8	100.0	100.0	100.0	100.0
6159.0	1.62364	48.1	67.3	81.5	90.9	76.7	79.0	95.4	75.7	93.6	91.7	95.3	98.0	96.8	99.1	98.5	98.7	99.1	99.0	99.6	100.0	100.0	99.7	99.9	100.0	100.0	100.0	100.0
6159.2	1.62359	47.7	67.8	81.3	89.9	74.9	79.4	94.5	75.4	93.4	91.5	95.2	98.0	97.3	99.0	98.2	98.9	99.4	99.4	99.6	100.0	100.0	99.9	99.9	100.0	100.0	100.0	100.0
6159.4	1.62353	44.0	65.5	79.0	87.5	70.9	75.1	92.7	75.0	93.0	91.2	95.0	98.0	97.2	99.1	97.3	98.4	99.4	99.7	99.5	100.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0
6159.6	1.62348	37.9	60.7	75.8	85.5	65.5	70.5	89.5	74.5	92.4	91.0	95.9	98.0	95.9	98.1	96.2	97.9	98.9	99.5	99.4	100.0	99.9	99.8	99.9	100.0	100.0	100.0	100.0
6159.8	1.62343	31.7	54.9	71.5	83.2	59.3	54.1	87.0	74.2	91.9	90.8	95.6	98.0	94.3	95.7	95.4	97.5	98.2	99.1	99.2	100.0	99.8	99.5	99.7	99.5	100.0	100.0	100.0
6160.0	1.62338	27.3	50.2	69.5	82.3	53.9	59.5	85.5	73.7	91.6	90.5	95.8	97.9	93.2	95.0	94.9	97.4	97.5	98.4	98.8	100.0	99.8	99.3	99.6	99.5	99.9	100.0	100.0
6160.2	1.62332	24.5	47.2	67.5	82.5	51.9	55.0	85.4	73.3	91.5	90.4	95.7	97.9	92.3	93.7	94.3	97.3	97.2	97.9	98.5	100.0	99.8	99.1	99.5	99.3	99.9	100.0	100.0
6160.4	1.62327	24.9	47.3	69.2	84.7	53.7	57.5	88.4	73.0	91.4	90.3	95.6	97.8	92.2	93.2	95.4	97.7	97.2	97.5	98.4	100.0	99.8	99.1	99.8	99.3	99.9	100.0	100.0
6160.6	1.62322	28.2	51.1	70.2	87.0	60.4	63.9	91.2	72.5	91.3	90.3	95.6	97.8	93.5	94.1	96.4	98.1	97.6	97.7	98.6	100.0	99.9	99.1	99.9	99.3	99.9	100.0	100.0
6160.8	1.62317	33.9	56.1	75.2	88.3	66.5	70.1	93.1	72.3	91.3	90.2	95.5	97.7	95.2	95.2	97.7	98.5	98.3	97.9	99.0	100.0	99.9	99.2	100.0	99.5	99.9	100.0	100.0

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
p(atm)		[illegible] $\times 10^{0}$	2.33 $\times 10^{0}$	2.33 $\times 10^{0}$	2.30 $\times 10^{0}$	2.00 $\times 10^{0}$	1.00 $\times 10^{0}$	1.00 $\times 10^{0}$	1.46 $\times 10^{1}$	1.00 $\times 10^{1}$	1.00 $\times 10^{1}$	1.00 $\times 10^{1}$	1.00 $\times 10^{0}$	2.30 $\times 10^{-1}$	2.30 $\times 10^{-1}$	1.16 $\times 10^{-1}$	7.70 $\times 10^{-2}$	7.70 $\times 10^{-2}$	7.70 $\times 10^{-2}$	3.87 $\times 10^{-2}$	6.65 $\times 10^{-1}$	6.65 $\times 10^{-1}$	2.34 $\times 10^{-2}$	2.34 $\times 10^{-2}$	2.34 $\times 10^{-2}$	2.17 $\times 10^{-1}$	2.17 $\times 10^{-1}$	2.17 $\times 10^{-1}$
P_e(atm)		3.29 $\times 10^{0}$	3.32 $\times 10^{0}$	3.32 $\times 10^{0}$	3.29 $\times 10^{0}$	2.62 $\times 10^{0}$	1.31 $\times 10^{0}$	1.31 $\times 10^{0}$	2.03 $\times 10^{1}$	1.36 $\times 10^{1}$	1.36 $\times 10^{1}$	1.36 $\times 10^{1}$	1.36 $\times 10^{1}$	9.99 $\times 10^{-1}$	3.00 $\times 10^{-1}$	1.50 $\times 10^{-1}$	1.001 $\times 10^{0}$	3.03 $\times 10^{-1}$	1.001 $\times 10^{1}$	5.03 $\times 10^{-2}$	1.31 $\times 10^{1}$	8.65 $\times 10^{-1}$	3.00 $\times 10^{-1}$	1.02 $\times 10^{-1}$	3.04 $\times 10^{-2}$	1.30 $\times 10^{1}$	1.00 $\times 10^{0}$	2.83 $\times 10^{-1}$
u (atm cm) STP		2.17 $\times 10^{5}$	1.10 $\times 10^{5}$	5.57 $\times 10^{4}$	2.80 $\times 10^{4}$	8.71 $\times 10^{4}$	8.62 $\times 10^{4}$	2.19 $\times 10^{4}$	4.73 $\times 10^{4}$	3.16 $\times 10^{4}$	1.59 $\times 10^{4}$	7.93 $\times 10^{3}$	3.99 $\times 10^{3}$	9.94 $\times 10^{3}$	9.94 $\times 10^{3}$	9.94 $\times 10^{3}$	3.32 $\times 10^{3}$	3.32 $\times 10^{3}$	3.32 $\times 10^{3}$	3.32 $\times 10^{3}$	1.01 $\times 10^{3}$	1.01 $\times 10^{3}$	1.01 $\times 10^{3}$	1.01 $\times 10^{3}$	1.01 $\times 10^{3}$	3.30 $\times 10^{2}$	3.30 $\times 10^{2}$	3.30 $\times 10^{2}$
ν (cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
6161.0	1.62311	36.0	60.3	77.2	88.5	70.0	73.8	93.9	72.0	81.1	90.1	95.4	97.7	96.3	97.4	96.4	98.9	98.9	98.3	99.3	100.0	[illegible]	99.3	100.0	99.9	99.9	100.0	100.0
6161.2	1.62306	39.5	61.1	77.5	87.3	70.0	74.5	93.4	71.7	80.9	90.0	95.4	97.5	96.5	97.9	97.5	98.7	99.1	98.9	99.4	100.0	100.0	99.5	100.0	99.9	99.8	100.0	100.0
6161.4	1.62301	38.4	58.5	75.5	85.4	65.3	71.5	91.5	71.4	80.6	89.9	95.3	97.6	96.3	98.1	96.9	98.4	99.1	99.0	99.4	100.0	[illegible]	99.7	100.0	100.0	99.8	100.0	100.0
6161.6	1.62296	34.1	54.2	72.2	83.1	60.4	55.9	88.3	71.1	80.1	89.5	95.1	97.5	95.1	97.5	96.2	98.1	98.7	99.0	99.4	100.0	99.9	99.7	100.0	99.9	99.8	100.0	100.0
6161.8	1.62290	28.3	49.3	53.5	81.2	55.2	57.5	86.2	70.7	79.5	89.4	95.0	97.6	93.4	95.2	95.5	97.5	98.0	98.9	99.8	100.0	99.9	99.5	99.9	99.9	99.8	100.0	100.0
6162.0	1.62285	23.5	45.4	55.5	80.7	50.3	54.9	84.5	70.3	79.1	89.1	94.4	97.5	92.2	94.5	95.0	97.1	97.4	98.4	99.5	100.0	[illegible]	99.5	99.7	99.7	99.8	100.0	100.0
6162.2	1.62280	21.0	43.4	54.7	80.4	48.7	53.4	84.7	70.0	78.8	88.9	94.8	97.5	91.4	93.4	95.0	97.1	97.0	97.9	99.5	100.0	99.5	99.5	99.6	99.5	99.8	100.0	100.0
6162.4	1.62274	21.4	43.4	55.7	82.3	49.7	55.5	86.5	69.7	78.5	88.4	94.7	97.5	91.5	93.3	95.2	97.5	95.9	97.5	99.5	100.0	[illegible]	99.4	99.5	99.4	99.8	100.0	100.0
6162.6	1.62269	24.2	46.3	53.2	84.3	54.1	50.4	89.3	69.3	78.3	88.5	94.7	97.4	92.5	94.1	95.9	97.9	97.0	97.5	99.5	100.0	[illegible]	99.4	99.5	99.3	99.7	100.0	100.0
6162.8	1.62264	27.4	51.0	73.7	85.2	59.3	55.0	91.3	69.0	78.1	88.5	94.7	97.4	93.7	95.2	96.5	98.2	97.2	98.0	99.7	100.0	[illegible]	99.4	99.6	99.4	99.7	100.0	100.0
6163.0	1.62259	29.7	53.1	72.3	85.5	62.3	57.1	91.5	68.7	78.2	88.4	94.6	97.3	94.3	95.3	97.0	98.3	99.2	98.3	99.9	100.0	100.0	99.5	99.5	99.5	99.7	100.0	100.0
6163.2	1.62253	30.3	53.1	72.1	84.7	62.7	55.2	90.9	68.3	78.1	88.3	94.6	97.3	95.3	97.1	97.2	98.2	99.4	98.5	[illegible]	100.0	100.0	99.5	99.9	99.9	99.7	100.0	100.0
6163.4	1.62248	28.9	51.3	73.0	82.7	60.1	53.0	89.2	67.9	77.7	88.2	94.5	97.3	94.9	97.1	96.5	97.7	98.5	98.3	99.9	99.9	100.0	99.5	99.9	100.0	99.7	100.0	100.0
6163.6	1.62243	25.4	48.2	67.0	81.0	56.4	59.4	87.4	67.6	77.3	88.0	94.4	97.3	94.1	95.2	95.4	97.5	98.2	98.9	99.7	99.9	[illegible]	99.5	99.5	99.9	99.7	100.0	100.0
6163.8	1.62238	22.9	44.9	55.2	79.1	53.4	54.6	85.7	67.2	75.6	87.9	94.3	97.3	93.1	95.2	94.7	97.1	97.8	98.5	99.6	99.9	[illegible]	99.4	99.6	99.3	99.7	100.0	100.0
6164.	1.62232	19.5	41.4	52.0	78.2	49.5	52.1	83.5	66.7	75.3	87.7	94.2	97.2	92.0	94.1	94.1	96.3	97.2	98.1	99.4	99.9	[illegible]	99.3	99.6	99.5	99.6	100.0	100.0
6164.2	1.62227	17.3	39.4	51.9	77.9	46.4	51.0	83.7	66.2	75.9	87.5	94.1	97.1	90.9	92.9	93.9	96.7	95.8	97.5	[illegible]	99.9	[illegible]	99.1	99.5	99.3	99.6	100.0	100.0
6164.4	1.62222	17.9	39.5	51.0	79.3	45.3	51.7	83.5	65.7	75.7	87.3	94.0	97.0	90.4	92.0	94.3	96.4	95.8	97.3	99.1	99.9	[illegible]	99.0	99.5	99.1	99.6	100.0	100.0
6164.6	1.62217	19.7	41.5	53.7	81.7	47.0	54.9	86.1	65.3	75.6	87.2	93.9	97.0	90.9	92.1	94.7	97.2	95.9	97.0	99.1	99.9	[illegible]	99.0	99.5	99.2	99.6	100.0	100.0
6164.8	1.62211	23.5	45.5	57.2	83.7	51.1	53.5	89.5	65.1	75.6	87.1	93.9	96.9	91.9	93.0	95.7	97.3	97.3	97.2	99.5	99.9	[illegible]	99.0	99.5	99.5	99.6	100.0	100.0
6165.0	1.62206	26.0	48.9	59.4	83.9	56.5	54.4	90.9	64.3	75.5	87.0	93.8	95.9	93.4	94.9	96.3	98.3	97.6	97.5	[illegible]	99.9	100.0	99.3	99.9	99.5	99.6	100.0	100.0
6165.2	1.62201	26.5	49.5	59.4	82.4	59.7	54.2	89.3	64.3	75.1	86.3	93.7	96.3	94.4	95.3	96.3	98.5	98.1	98.0	[illegible]	99.9	[illegible]	99.5	100.0	99.3	99.6	100.0	100.0
6165.4	1.62195	25.5	48.2	57.5	80.5	59.2	51.2	88.1	63.9	74.8	86.5	93.5	95.8	94.4	95.9	96.1	98.2	98.4	98.4	99.7	99.9	100.0	99.5	100.0	99.3	99.5	100.0	100.0
6165.6	1.62190	23.2	45.2	53.6	78.2	56.1	55.9	85.3	63.4	74.3	86.2	93.5	95.7	93.9	95.5	95.0	97.6	98.4	98.5	99.6	99.9	[illegible]	99.5	99.9	99.7	99.5	100.0	100.0
6165.8	1.62185	19.5	40.7	50.0	75.4	51.3	49.2	81.9	62.9	73.6	85.9	93.2	95.6	92.4	95.2	93.9	97.0	97.7	98.5	99.4	99.9	[illegible]	99.5	99.7	99.5	99.5	100.0	100.0
6166.	1.62180	15.4	35.5	56.9	74.1	45.3	44.3	79.2	62.5	73.1	85.7	93.0	95.0	90.7	93.5	93.1	96.3	97.2	98.3	99.1	99.9	[illegible]	99.4	99.5	99.4	99.5	100.0	100.0
6166.2	1.62174	12.9	32.3	55.1	74.1	40.7	41.9	78.5	62.0	72.7	85.5	92.8	95.5	89.1	92.0	92.5	96.1	96.6	97.5	[illegible]	99.9	[illegible]	99.1	99.4	99.3	99.5	100.0	100.0
6166.4	1.62169	12.5	32.5	55.0	76.0	38.2	42.1	80.4	61.5	72.6	85.3	92.5	95.4	88.4	90.7	92.5	96.0	96.0	96.9	[illegible]	99.9	99.6	98.9	99.4	99.2	99.5	100.0	100.0
6166.6	1.62164	14.0	35.2	54.0	78.4	36.9	45.3	83.5	61.3	72.6	85.2	92.7	96.4	88.3	90.4	93.3	96.5	95.9	96.5	[illegible]	99.9	[illegible]	98.9	99.4	99.1	99.5	100.0	100.0
6166.8	1.62159	17.5	40.1	53.5	81.5	42.7	54.4	87.3	60.9	72.4	85.1	92.7	96.3	90.4	91.4	94.7	97.3	95.2	96.5	[illegible]	99.9	[illegible]	98.9	99.5	99.3	99.4	100.0	100.0
6167.0	1.62153	22.9	45.4	55.9	83.1	49.3	53.9	90.5	60.5	72.2	85.0	92.6	95.2	92.8	93.3	96.1	96.0	95.9	96.8	[illegible]	99.9	[illegible]	99.1	99.8	99.5	99.4	99.9	100.0
6167.2	1.62149	26.4	49.3	58.0	82.5	58.9	57.8	91.3	60.2	72.0	84.9	92.7	95.1	94.5	95.8	96.5	98.5	98.1	97.6	[illegible]	99.9	99.9	99.3	99.9	99.9	99.4	99.9	100.0
6167.4	1.62143	27.1	48.6	55.0	79.9	61.1	55.7	88.5	59.9	71.6	84.7	92.4	95.0	95.0	97.0	96.4	98.5	98.6	98.5	[illegible]	99.9	[illegible]	99.4	100.0	100.0	99.4	99.9	100.0
6167.6	1.62139	25.2	45.2	52.4	75.9	60.0	50.7	84.0	59.3	70.8	84.4	92.2	95.9	94.4	97.4	95.2	97.3	98.7	99.0	99.9	99.9	[illegible]	99.5	100.0	100.0	99.4	99.9	100.0
6167.8	1.62132	20.7	39.5	53.1	71.5	56.3	53.0	79.0	58.5	59.8	84.0	92.0	95.4	92.9	95.3	93.4	96.5	98.7	99.1	[illegible]	99.8	[illegible]	99.5	99.7	99.7	99.4	99.9	100.0
6168.0	1.62127	15.5	33.2	53.1	69.5	50.5	44.6	75.1	57.9	59.0	83.5	91.6	95.7	90.4	93.7	91.7	95.3	95.8	98.7	99.1	99.8	99.7	99.2	99.3	99.4	99.4	99.9	99.9
6168.2	1.62122	11.4	28.5	51.2	69.3	43.3	33.7	73.2	57.3	58.5	83.2	91.6	95.6	87.4	90.5	90.5	94.3	95.7	97.7	[illegible]	99.7	[illegible]	98.9	99.0	99.0	99.3	99.9	99.9
6168.4	1.62117	10.5	27.8	50.0	71.5	36.2	39.2	76.7	56.8	58.2	83.0	91.5	95.5	85.3	87.9	91.3	94.9	95.1	96.5	99.3	99.7	99.4	98.5	98.8	98.9	99.3	99.9	99.9
6168.6	1.62111	13.0	31.1	53.0	72.5	32.9	43.8	82.0	56.3	58.1	82.8	91.4	95.5	85.7	87.5	91.7	96.1	95.5	96.0	99.1	99.5	99.4	98.5	98.9	98.9	99.3	99.9	99.9
6168.8	1.62106	15.3	36.5	59.0	79.0	36.5	53.9	87.4	55.8	59.1	82.7	91.4	95.5	87.7	89.3	93.3	97.0	95.8	96.0	99.3	99.5	[illegible]	98.5	99.2	99.1	99.3	99.9	99.9
6169.	1.62101	19.4	41.7	54.0	80.2	45.0	52.6	90.1	55.5	57.8	82.5	91.3	95.2	90.8	92.2	95.1	97.7	97.0	96.4	[illegible]	99.5	100.0	98.5	99.8	99.4	99.3	99.9	99.9
6169.2	1.62095	22.3	44.3	54.0	78.5	53.3	54.7	87.3	55.1	57.7	82.5	91.3	95.2	93.7	95.2	96.3	98.0	98.1	97.4	99.4	99.5	100.0	99.2	99.9	99.5	99.3	99.9	99.9
6169.4	1.62090	21.7	42.5	51.4	74.5	57.5	50.6	82.7	54.5	57.4	82.3	91.1	95.2	95.0	97.3	96.0	98.1	98.6	99.0	[illegible]	99.5	[illegible]	99.5	99.9	99.5	99.3	99.9	99.9
6169.6	1.62085	18.2	37.3	55.0	70.2	55.4	52.5	77.3	53.9	56.8	81.9	91.0	95.1	94.0	97.1	95.1	97.1	98.6	99.3	99.6	99.5	[illegible]	99.4	99.8	99.3	99.2	99.9	99.9
6169.8	1.62080	13.5	30.8	51.5	66.3	51.4	42.5	73.5	53.3	55.9	81.5	90.6	95.0	92.0	95.4	92.7	96.1	97.6	99.3	99.5	99.4	[illegible]	98.9	99.5	99.7	99.2	99.9	99.9
6170.0	1.62075	9.0	24.7	47.0	64.0	44.7	34.4	70.3	52.7	55.0	81.1	90.5	94.9	89.1	92.2	91.0	95.1	95.4	98.5	[illegible]	99.3	[illegible]	98.5	99.2	99.3	99.2	99.9	99.9
6170.2	1.62069	7.3	21.4	43.4	64.9	36.3	30.8	70.5	52.1	54.2	80.7	90.1	94.8	86.0	88.7	90.2	94.5	95.2	97.5	[illegible]	99.3	[illegible]	98.3	98.8	98.9	99.2	99.9	99.9
6170.4	1.62064	7.4	21.5	44.2	67.2	28.4	31.8	73.7	51.5	53.9	80.3	89.9	94.6	83.5	85.2	90.2	94.4	94.5	96.3	99.4	99.3	[illegible]	98.2	98.7	98.7	99.2	99.9	99.9
6170.6	1.62059	9.7	24.5	43.1	70.0	25.0	39.4	79.7	51.0	53.6	80.1	[illegible]	94.6	83.2	85.4	91.0	94.5	94.0	95.2	[illegible]	99.3	[illegible]	98.2	98.8	98.5	99.2	99.9	99.9
6170.8	1.62054	13.2	35.7	52.0	74.0	28.2	51.9	84.4	50.5	53.5	80.1	[illegible]	94.5	85.4	87.0	92.5	95.3	95.0	95.1	[illegible]	99.3	[illegible]	98.3	98.9	98.7	99.2	99.9	99.9
6171.	1.62049	15.0	35.3	55.0	75.5	35.1	55.0	85.7	50.1	53.5	80.0	89.2	94.5	88.7	90.6	93.9	97.1	95.7	95.9	[illegible]	99.2	[illegible]	98.5	99.3	99.2	99.1	99.9	99.9
6171.2	1.62043	15.9	36.4	54.0	74.1	43.1	54.9	83.5	49.5	53.4	79.8	89.0	94.5	91.5	93.7	94.5	97.5	95.4	97.1	99.2	99.2	[illegible]	99.0	99.6	99.5	99.1	99.9	99.9
6171.4	1.62038	14.0	34.0	55.2	70.7	48.4	49.2	79.2	49.2	53.1	79.5	[illegible]	94.3	93.0	95.4	94.7	97.3	97.7	98.3	99.6	99.2	[illegible]	99.0	99.7	99.5	99.1	99.8	99.9
6171.6	1.62033	11.0	29.7	51.0	68.0	48.4	41.0	74.5	48.3	52.5	79.4	[illegible]	94.3	92.3	95.7	93.9	96.3	98.0	98.3	99.5	99.1	99.4	99.1	99.5	99.5	99.1	99.8	99.9
6171.8	1.62027	8.0	25.0	47.0	65.0	43.0	35.0	71.1	48.3	51.8	79.0	[illegible]	94.3	90.1	94.0	92.5	95.1	97.0	98.5	[illegible]	99.1	[illegible]	98.9	99.2	99.4	99.1	99.8	99.9
6172.	1.62022	5.5	20.7	43.0	65.0	35.9	31.4	70.4	47.9	51.9	78.5	[illegible]	94.2	87.2	91.0	91.4	94.7	95.9	97.3	99.4	99.0	99.2	98.5	98.9	99.2	99.1	99.8	99.9
6172.2	1.62017	4.0	19.0	41.0	63.0	30.0	31.0	71.4	47.5	52.4	78.1	[illegible]	94.2	84.3	[illegible]	90.9	94.5	94.9	95.9	[illegible]	99.1	[illegible]	98.5	98.7	98.9	99.1	99.8	99.9
6172.4	1.62012	4.5	18.3	41.0	64.0	25.5	33.0	73.5	46.3	52.5	77.7	88.4	94.1	83.9	87.5	90.9	94.5	94.4	96.3	[illegible]	98.9	99.2	98.4	98.6	98.7	99.1	99.8	99.9
6172.6	1.62006	4.9	19.9	43.0	66.0	24.5	35.5	75.9	46.2	52.2	77.3	[illegible]	93.9	84.5	87.6	91.2	95.2	94.5	95.5	[illegible]	98.9	[illegible]	98.4	98.6	98.4	99.0	99.8	99.9
6172.8	1.62001	5.3	21.1	44.0	67.1	26.5	39.1	77.2	45.5	53.6	76.9	[illegible]	93.0	86.5	88.9	91.7	95.9	94.9	95.7	[illegible]	98.8	[illegible]	98.4	99.1	98.9	99.0	99.8	99.9
6173.	1.61996	5.2	21.4	[illegible]	60.4	29.4	39.0	[illegible]	44.9	53.2	76.7	[illegible]	93.0	88.1	90.7	92.5	96.2	95.9	96.2	[illegible]	98.7	[illegible]	98.5	99.2	98.9	99.0	99.8	99.9
6173.2	1.61991	5.2	21.5	[illegible]	65.0	34.4	37.0	75.1	44.3	57.9	76.5	[illegible]	93.0	88.5	91.8	92.5	96.2	95.5	96.9	[illegible]	98.7	[illegible]	98.5	99.2	99.1	99.0	99.8	99.9
6173.4	1.61985	4.0	20.0	43.0	64.0	31.7	34.9	72.0	43.3	57.5	76.2	[illegible]	93.2	88.6	91.6	92.0	95.7	95.4	97.2	[illegible]	98.5	[illegible]	98.7	99.2	99.3	99.0	99.8	99.9
6173.6	1.61980	3.8	18.5	42.0	62.4	30.5	31.7	77.0	43.2	57.1	76.0	[illegible]	93.4	86.9	90.5	91.2	95.0	95.9	97.3	[illegible]	98.5	[illegible]	98.5	99.1	99.3	99.0	99.8	99.9
6173.8	1.61975	3.4	17.2	42.2	61.5	28.2	29.3	68.0	42.7	55.7	75.3	[illegible]	93.4	85.5	89.2	90.6	94.4	95.6	97.2	[illegible]	98.5	[illegible]	98.4	[illegible]	99.2	99.0	99.8	99.9

6174.0	1.61970	3.3	16.5	[illegible]	[illegible]	25.4	24.6	69.7	42.2	55.1	[illegible]	[illegible]	93.3	84.2	[illegible]	[illegible]	94.0	94.6	[illegible]	[illegible]	98.5	[illegible]	98.2	[illegible]	[illegible]	99.0	99.8	100.0
6174.2	1.61964	3.4	17.2	[illegible]	63.4	22.6	[illegible]	[illegible]	41.7	[illegible]	75.1	[illegible]	93.2	83.3	97.2	[illegible]	94.4	94.1	95.5	[illegible]	98.5	[illegible]	98.2	[illegible]	[illegible]	99.0	99.8	100.0
6174.4	1.61959	[illegible]	19.2	[illegible]	[illegible]	22.7	[illegible]	[illegible]	41.2	[illegible]	[illegible]	[illegible]	93.1	83.6	[illegible]	91.7	95.1	94.1	95.7	[illegible]	98.5	[illegible]	98.1	[illegible]	[illegible]	99.0	99.8	100.0
6174.6	1.61954	[illegible]	21.5	[illegible]	65.3	25.5	42.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.0	85.3	[illegible]	[illegible]	95.7	94.3	95.9	[illegible]	98.5	[illegible]	98.2	99.2	[illegible]	99.0	99.8	99.9
6174.8	1.61949	[illegible]	22.1	[illegible]	64.3	29.9	43.3	76.2	40.3	[illegible]	[illegible]	[illegible]	[illegible]	87.5	91.4	[illegible]	95.8	95.9	[illegible]	[illegible]	98.5	[illegible]	98.4	99.2	99.2	99.0	99.8	100.0
6175.0	1.61943	6.0	21.0	[illegible]	61.9	33.1	40.6	[illegible]	39.3	[illegible]	73.2	[illegible]	92.7	88.5	92.6	91.5	95.3	95.4	97.1	97.3	98.6	[illegible]	98.5	99.1	[illegible]	99.0	99.8	99.9
6175.2	1.61938	4.4	17.7	39.4	57.5	33.2	34.5	66.5	39.5	52.3	72.7	[illegible]	92.6	87.4	92.4	89.5	93.9	95.7	97.4	96.7	98.5	[illegible]	98.4	98.8	99.1	99.0	99.8	99.9
6175.4	1.61933	2.9	13.9	35.7	54.9	29.4	25.6	62.5	37.9	51.6	72.3	[illegible]	92.4	84.5	93.0	86.1	92.5	94.7	97.2	96.3	98.5	[illegible]	98.3	99.5	98.9	99.0	99.8	99.9
6175.6	1.61928	[illegible]	11.3	31.9	53.5	23.5	21.8	61.0	37.3	51.0	71.3	95.1	[illegible]	81.3	95.6	87.4	92.1	93.6	95.5	[illegible]	98.5	99.5	97.9	99.1	98.4	99.0	99.8	100.0
6175.8	1.61922	2.1	10.2	29.7	53.9	18.9	20.0	62.3	36.5	50.5	71.4	94.6	92.0	79.2	93.2	87.9	91.9	92.7	94.5	[illegible]	98.5	99.3	97.7	97.8	98.0	99.0	99.7	99.9
6176.0	1.61917	2.3	11.2	33.6	57.3	15.1	21.3	66.1	36.1	50.1	71.1	94.7	92.0	78.9	92.4	89.3	92.7	92.3	93.9	[illegible]	98.5	99.3	97.6	97.8	98.2	99.0	99.7	99.9
6176.2	1.61912	3.1	13.5	34.1	60.9	16.5	25.2	72.1	35.7	51.0	70.3	93.7	91.9	80.3	93.5	90.9	94.0	92.6	93.7	95.8	98.5	99.4	97.5	99.0	98.4	99.1	99.7	99.9
6176.4	1.61907	4.3	16.9	37.9	63.5	21.4	34.8	77.1	35.2	49.7	70.7	94.6	91.9	83.9	95.4	92.1	95.1	93.5	94.2	96.5	98.5	[illegible]	98.1	99.5	98.6	99.1	99.7	99.9
6176.6	1.61901	5.4	19.7	40.8	64.2	27.0	42.1	78.2	34.9	49.4	70.5	94.3	91.8	87.0	93.7	92.7	95.5	95.1	95.1	97.1	98.5	99.1	98.4	99.1	98.9	99.1	99.7	99.9
6176.8	1.61896	5.7	20.5	42.5	63.4	31.1	43.3	75.9	34.3	48.9	70.2	94.0	91.7	88.9	91.8	92.0	95.4	95.4	96.2	97.4	98.5	99.1	98.5	99.2	99.2	99.2	99.7	99.9
6177.0	1.61891	4.9	19.2	41.1	59.7	32.5	40.0	70.5	33.9	48.2	69.5	95.7	91.0	88.7	92.7	90.5	94.4	95.6	97.2	97.5	98.4	99.1	98.9	99.9	99.3	99.2	99.7	99.9
6177.2	1.61886	3.4	16.1	35.6	54.1	30.5	34.1	63.4	33.2	47.1	68.7	95.5	91.4	86.4	91.5	87.9	92.5	95.6	97.5	95.9	98.4	99.0	98.1	99.4	98.9	99.2	99.7	99.9
6177.4	1.61880	2.5	12.2	31.8	49.5	25.3	25.8	56.5	32.4	45.2	67.9	92.6	91.2	83.9	95.9	85.5	90.5	93.8	96.7	95.9	98.4	99.5	97.9	97.9	98.4	99.3	99.7	99.9
6177.6	1.61875	1.9	9.0	27.3	46.2	18.1	21.2	53.1	31.7	45.3	67.2	92.4	90.9	76.7	92.3	84.5	89.7	91.7	95.0	95.3	98.3	99.1	97.1	97.5	98.0	99.3	99.7	99.9
6177.8	1.61870	1.5	7.5	23.8	46.2	12.4	17.1	53.3	31.1	44.4	66.7	92.1	90.7	73.9	79.8	85.1	90.1	90.9	93.5	94.7	98.3	97.8	96.5	97.3	97.5	99.3	99.7	99.9
6178.0	1.61865	1.5	7.9	23.0	47.5	10.9	17.5	56.7	30.5	43.8	66.4	91.9	90.2	73.5	77.8	86.3	91.4	90.2	92.4	94.4	98.3	97.7	96.5	97.3	97.5	99.3	99.7	99.7
6178.2	1.61859	1.9	10.2	25.3	52.2	13.1	21.6	62.3	29.9	43.6	66.5	91.7	90.3	75.7	79.7	88.9	92.9	91.1	92.4	94.4	98.2	97.8	96.9	97.8	97.9	99.3	99.7	99.7
6178.4	1.61854	2.4	12.9	29.9	57.2	17.5	29.4	69.7	29.5	43.5	66.2	91.6	90.2	79.9	94.2	90.4	93.9	92.9	93.3	95.1	98.1	99.1	97.7	99.4	98.5	99.3	99.7	99.7
6178.6	1.61849	3.0	14.4	34.0	59.1	22.3	34.9	73.3	29.1	43.4	66.1	91.5	90.7	84.2	93.9	91.2	94.7	94.9	94.9	95.2	98.1	99.5	98.2	99.9	98.9	99.3	99.7	99.7
6178.8	1.61844	2.7	14.9	35.2	58.4	25.4	35.6	72.5	28.7	43.3	65.9	91.4	90.3	86.2	90.7	90.7	94.3	95.7	96.2	95.6	98.0	99.5	98.5	99.0	99.2	99.3	99.7	99.5
6179.0	1.61838	2.5	13.9	35.7	55.0	24.1	33.1	69.2	28.2	42.9	65.7	91.1	90.2	85.3	90.6	89.2	93.9	95.2	96.9	95.7	98.0	99.4	98.5	99.9	99.1	99.3	99.7	99.9
6179.2	1.61833	2.3	11.7	32.4	50.5	21.0	29.6	63.2	27.5	42.2	65.2	90.7	90.1	83.0	95.7	86.9	91.7	94.2	96.7	95.5	98.0	99.6	98.3	99.6	98.7	99.3	99.7	99.9
6179.4	1.61828	1.8	8.5	27.3	46.0	16.9	23.5	58.2	27.3	41.3	64.4	90.2	89.9	79.9	95.6	84.9	90.1	95.1	95.7	95.8	98.0	99.5	97.5	97.9	98.2	99.3	99.7	99.9
6179.6	1.61823	1.4	6.2	23.0	42.9	12.3	19.1	54.4	26.5	40.1	63.7	79.8	89.7	76.1	92.3	84.0	89.1	91.8	94.1	94.7	98.0	99.1	97.1	97.3	97.9	99.3	99.7	99.9
6179.8	1.61819	1.2	5.3	20.5	41.7	9.5	15.2	53.3	25.9	39.2	62.3	79.4	89.4	73.4	79.8	84.2	88.9	90.1	93.0	94.5	98.0	97.7	96.5	95.9	97.9	99.3	99.6	99.9
6180.0	1.61812	1.0	5.4	19.7	41.7	9.4	15.6	54.2	25.2	39.5	62.0	79.0	89.0	72.9	79.6	85.5	89.3	89.5	92.2	94.7	98.0	97.3	96.5	95.9	97.4	99.3	99.5	99.9
6180.2	1.61807	0.9	5.9	20.5	44.3	11.1	15.0	57.2	24.5	37.9	61.5	79.6	89.5	74.1	79.7	86.7	90.4	90.2	92.1	[illegible]	98.0	97.5	96.5	97.1	97.5	99.3	99.5	99.5
6180.4	1.61802	0.9	7.4	22.9	48.0	13.3	21.3	62.5	24.2	37.6	61.4	79.8	88.6	76.5	92.6	87.9	91.9	91.7	92.3	94.4	98.0	97.5	96.7	97.7	98.3	99.3	99.5	99.5
6180.6	1.61797	1.1	8.1	23.4	50.5	15.3	24.3	66.1	23.7	37.5	61.3	75.8	88.7	79.4	95.9	88.3	93.0	94.1	94.0	95.3	98.0	97.4	97.5	99.1	98.4	99.3	99.5	99.7
6180.8	1.61791	1.1	8.5	25.8	51.2	16.3	25.5	66.1	23.4	37.5	61.3	75.7	89.7	82.0	97.4	88.5	92.7	94.2	95.2	95.6	97.9	97.8	98.0	99.3	98.5	99.3	99.5	99.7
6181.0	1.61786	1.1	8.2	25.9	50.2	15.9	25.7	63.3	23.1	37.5	61.3	79.6	89.6	81.5	97.3	87.9	92.0	94.1	95.9	95.8	97.9	99.0	98.1	99.4	98.5	99.3	99.5	99.7
6181.2	1.61781	1.0	7.1	25.4	47.4	13.3	23.7	59.9	22.9	37.2	61.0	79.5	89.6	79.9	95.8	86.5	91.0	93.5	95.7	95.9	97.9	99.0	97.9	99.2	98.2	99.3	99.5	99.7
6181.4	1.61776	0.9	5.7	23.2	44.5	11.2	20.1	56.9	22.3	35.7	60.5	79.3	89.3	78.0	94.0	85.0	90.1	92.7	95.0	95.6	97.9	99.5	97.5	99.0	98.1	99.3	99.5	99.7
6181.6	1.61770	0.9	4.7	20.7	41.7	9.4	15.5	53.9	22.1	35.0	60.2	77.7	89.2	76.1	92.4	84.0	89.0	91.7	94.3	95.0	97.9	97.5	97.4	97.7	97.9	99.3	99.5	99.7
6181.8	1.61765	0.7	3.7	13.0	38.3	7.9	13.6	51.1	21.5	35.0	59.3	77.0	87.9	73.9	90.0	83.5	88.0	90.7	93.7	94.5	97.9	97.5	97.1	97.4	97.7	99.3	99.5	99.7
6182.0	1.61760	0.5	2.9	15.0	36.5	6.2	11.8	49.2	21.2	33.9	58.4	75.5	87.4	71.7	75.9	83.1	87.7	89.8	93.1	94.1	97.9	97.3	96.5	95.9	97.5	99.3	99.5	99.7
6182.2	1.61755	0.5	2.5	14.6	35.5	5.1	10.4	47.3	20.5	33.1	57.7	75.0	87.4	69.9	77.9	83.2	87.7	89.3	92.5	93.5	97.7	97.2	96.3	95.9	97.4	99.3	99.4	99.7
6182.4	1.61749	0.4	2.5	13.9	35.9	5.3	9.5	49.1	20.0	32.5	57.1	75.7	87.1	69.5	77.8	83.7	88.4	89.5	92.3	93.3	97.5	95.8	96.3	95.9	97.4	99.3	99.3	99.7
6182.6	1.61744	0.3	2.5	14.1	38.3	6.0	9.5	50.7	19.5	32.2	56.7	75.6	87.0	70.4	75.6	84.3	89.3	90.0	92.5	93.3	97.5	95.8	96.4	97.1	97.5	99.3	99.2	99.7
6182.8	1.61739	0.2	3.0	15.7	40.7	7.3	10.4	53.7	19.2	32.1	56.5	75.6	87.0	72.4	77.9	85.5	90.3	90.6	92.3	93.9	97.5	95.9	96.5	97.3	97.5	99.2	99.1	99.7
6183.0	1.61734	0.1	3.5	18.5	42.3	8.3	11.7	56.1	18.9	32.0	56.5	75.6	87.0	75.0	80.9	86.5	90.5	91.3	93.2	94.3	97.5	97.9	96.9	97.6	97.3	99.1	99.2	99.7
6183.2	1.61729	0.0	4.1	19.7	44.4	9.3	13.2	58.1	18.5	31.9	56.5	75.5	87.0	76.3	92.2	86.9	91.1	92.0	93.3	94.9	97.4	97.2	97.2	97.9	98.0	99.0	99.3	99.7
6183.4	1.61723	0.	4.5	20.6	44.9	10.1	14.8	59.5	18.4	31.8	56.5	75.5	86.8	77.5	93.4	86.7	91.4	92.5	93.9	95.0	97.4	97.6	97.5	99.1	98.1	99.0	99.3	99.7
6183.6	1.61718	0.	4.7	21.2	44.5	10.3	15.8	59.3	18.2	31.6	56.3	75.3	86.7	78.5	94.5	86.1	90.7	92.9	94.5	95.0	97.3	97.3	97.7	99.1	98.2	98.9	99.3	99.7
6183.8	1.61713	0.	4.3	20.9	42.3	10.2	15.8	58.1	17.9	31.2	55.9	74.8	86.5	78.4	94.9	85.4	89.1	93.0	95.0	94.6	97.2	97.0	97.7	97.9	98.3	98.9	99.3	99.7
6184.0	1.61708	0.	4.4	19.1	39.1	9.3	17.4	55.4	17.5	30.3	54.9	74.2	86.2	76.0	93.7	84.5	87.4	91.9	94.7	94.6	97.1	97.7	97.4	97.5	98.3	98.9	99.3	99.9
6184.2	1.61702	0.	3.9	15.6	35.4	8.2	17.4	52.3	17.0	29.3	54.0	73.6	85.9	73.2	91.7	84.0	85.9	90.2	93.5	94.3	97.0	97.1	96.5	97.0	98.0	98.7	99.3	99.9
6184.4	1.61697	0.	3.1	14.3	32.4	6.4	15.6	48.7	16.5	28.4	53.2	73.0	85.6	70.1	79.7	84.0	85.2	89.7	92.3	93.7	96.3	95.6	95.5	95.2	97.2	98.5	99.3	99.7
6184.6	1.61692	0.	2.7	12.8	31.5	5.0	14.2	46.3	16.1	27.8	52.5	72.7	85.4	67.5	79.2	84.5	85.5	87.9	91.4	93.5	96.7	95.1	95.4	95.0	97.0	98.5	99.2	99.7
6184.8	1.61687	0.	2.4	12.5	32.5	5.3	12.3	48.4	15.7	27.3	52.1	72.5	85.2	67.2	77.9	85.5	87.2	87.7	91.1	93.4	96.7	95.9	95.2	95.1	97.1	98.6	99.1	99.5
6185.0	1.61681	0.	2.4	13.7	36.2	6.5	11.9	52.7	15.3	27.0	51.9	72.4	85.1	69.3	79.3	86.4	89.5	89.4	91.8	93.6	96.5	95.2	96.0	95.7	97.4	98.5	95.8	99.4
6185.2	1.61676	0.	3.2	15.5	40.2	8.1	12.8	57.4	15.1	27.0	51.9	72.5	85.0	73.2	92.1	87.2	91.1	91.7	93.1	94.1	96.5	95.7	96.5	97.7	98.1	98.6	95.9	99.3
6185.4	1.61671	0.	4.0	19.8	43.2	9.5	14.6	60.1	14.9	27.1	52.0	72.5	85.0	77.3	94.2	87.2	92.1	92.7	94.4	94.6	96.5	97.2	97.4	99.1	98.3	98.5	99.0	99.3
6185.6	1.61666	0.	4.5	20.2	44.2	10.7	15.7	60.7	14.7	27.2	52.1	72.5	84.9	79.5	95.1	86.3	91.9	93.4	95.2	94.9	96.5	97.5	97.9	99.2	98.7	98.4	99.0	99.3
6185.8	1.61661	0.	4.7	20.3	42.7	10.9	17.3	58.9	14.4	27.2	52.0	72.4	84.7	79.4	94.9	84.3	90.3	93.3	95.3	95.1	96.5	97.7	98.0	99.2	98.5	98.3	99.1	99.5
6186.0	1.61655	0.	4.5	19.1	39.2	10.3	17.0	54.4	14.2	25.9	51.5	71.5	84.6	77.5	93.4	82.5	88.5	92.4	94.9	95.0	96.5	97.6	98.0	97.9	98.3	98.3	99.2	99.5
6186.2	1.61650	0.	3.9	15.7	35.1	8.4	15.3	48.5	14.0	25.1	51.1	70.8	84.4	73.4	90.5	80.5	85.5	91.1	93.7	94.2	96.5	97.1	97.5	97.0	97.5	98.3	99.3	99.9
6186.4	1.61645	0.	2.7	14.0	30.5	5.7	12.3	42.4	13.5	24.9	50.2	70.2	84.0	67.3	75.5	79.2	83.0	89.0	92.0	93.6	96.5	95.3	96.3	95.0	96.3	98.3	99.2	99.7
6186.6	1.61640	0.	2.0	11.1	26.5	3.5	5.9	37.9	13.2	24.0	49.2	69.6	83.7	62.7	72.5	78.9	82.5	85.4	90.5	93.0	96.4	95.6	95.2	95.5	96.4	98.2	99.1	99.5
6186.8	1.61634	0.	1.7	9.2	25.7	3.0	5.6	36.7	12.9	23.3	48.4	69.4	83.3	60.4	70.6	79.9	83.7	84.5	89.5	92.4	96.4	95.0	94.2	95.4	96.2	98.2	95.9	99.3
6187.0	1.61629	0.	1.9	9.2	27.5	3.9	5.6	40.0	12.5	22.9	47.9	69.3	83.2	60.5	71.2	81.9	86.1	88.5	89.4	92.2	96.3	95.1	94.2	95.8	96.4	98.1	99.6	99.0
6187.2	1.61624	0.	2.4	11.3	32.5	5.5	5.8	46.4	12.2	22.7	47.7	69.3	83.1	63.2	74.2	83.9	89.0	89.9	90.4	92.4	96.2	95.5	95.0	95.5	97.0	98.1	99.5	99.0
6187.4	1.61619	0.	3.1	14.7	37.9	7.5	9.6	53.9	11.9	22.9	47.9	69.3	83.0	68.9	79.9	85.3	90.9	91.0	92.0	93.2	96.1	95.1	96.2	97.3	97.4	98.1	99.4	99.0
6187.6	1.61614	0.	3.9	17.0	41.1	9.2	12.9	59.3	11.3	23.1	48.0	69.4	83.1	75.5	92.6	86.2	91.7	92.8	93.7	94.1	96.0	97.1	97.2	97.9	98.0	98.1	99.5	99.1
6187.8	1.61608	0.	4.2	19.2	41.9	10.0	15.0	60.4	11.7	23.2	48.1	69.4	83.2	78.7	94.7	85.4	91.3	93.7	94.9	94.8	96.0	97.5	97.9	99.1	98.4	98.1	98.7	99.3
6188.0	1.61603	0.	4.0	19.3	40.5	8.9	17.2	57.5	11.5	23.2	48.1	69.3	83.3	78.9	95.0	84.0	89.5	93.6	95.1	95.1	96.0	97.6	97.9	99.0	98.5	98.1	99.1	99.5
6188.2	1.61598	0.	3.5	17.1	36.4	7.3	15.6	53.5	11.3	22.8	47.7	68.8	82.9	76.5	93.5	82.4	87.2	92.9	94.7	94.9	96.0	95.9	97.4	97.5	98.4	98.1	99.1	99.7
6188.4	1.61593	0.	2.9	15.2	31.5	6.0	15.3	48.7	10.9	21.8	46.5	67.6	82.4	72.5	90.7	80.4	84.4	89.5	93.5	94.5	96.0	95.1	96.5	97.0	97.7	98.1	99.2	99.5
6188.6	1.61587	0.	2.2	12.3	27.4	4.9	13.0	43.7	10.5	21.2	45.5	65.7	82.0	66.3	75.4	79.1	81.2	85.8	91.9	93.3	95.9	95.3	95.5	95.2	97.2	98.1	99.1	99.4
6188.8	1.61582	0.	1.9	9.6	24.4	3.9	10.4	39.9	10.2	20.5	44.7	65.1	81.6	62.0	73.0	79.4	80.5	83.4	90.3	92.3	95.9	94.6	94.3	95.8	96.5	98.1	95.8	99.1
6189.0	1.61577	0.	1.5	5.2	23.5	2.7	9.7	39.0	9.9	19.6	43.9	65.9	81.3	60.1	71.4	80.5	81.9	84.7	89.4	92.2	95.5	94.3	94.1	95.5	96.4	98.1	95.6	98.7
6189.2	1.61572	0.	1.7	5.2	24.9	3.4	5.0	42.7	9.5	19.2	43.4	65.0	81.1	60.9	72.1	82.1	84.7	85.3	89.5	92.5	95.7	94.7	94.1	95.6	96.3	98.1	95.4	98.7
6189.4	1.61567	0.	1.9	9.5	30.2	5.0	5.2	49.1	9.4	19.1	43.4	65.1	81.2	64.5	75.6	83.9	88.9	87.5	91.2	93.0	95.6	95.5	94.5	95.5	96.7	98.1	95.4	98.7
6189.6	1.61561	0.	2.3	12.5	35.5	6.2	9.4	54.5	9.3	19.2	43.7	65.3	81.3	70.7	90.7	85.5	91.1	90.8	93.0	93.4	95.5	95.4	95.9	97.5	97.7	98.1	98.4	98.9
6189.8	1.61556	0.	2.4	14.5	38.5	7.0	11.3	57.5	9.1	19.4	43.9	65.5	81.4	75.9	92.9	86.0	91.7	92.1	94.4	94.3	95.5	97.1	97.0	97.9	98.4	98.0	95.5	99.1

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
p(atm)		2.50 × 10^0	[illegible]	[illegible]	[illegible]	2.00 × 10^0	1.00 × 10^0	1.00 × 10^0	1.46 × 10^1	1.00 × 10^1	1.00 × 10^1	1.00 × 10^1	1.00 × 10^0	2.30 × 10^{-1}	2.30 × 10^{-1}	1.16 × 10^{-1}	7.70 × 10^{-2}	7.70 × 10^{-2}	7.70 × 10^{-2}	3.87 × 10^{-2}	6.65 × 10^{-1}	6.65 × 10^{-1}	2.34 × 10^{-2}	2.34 × 10^{-2}	2.34 × 10^{-2}	2.17 × 10^{-1}	2.17 × 10^{-1}	2.17 × 10^{-1}
P_e (atm)		3.29 × 10^0	3.32 × 10^0	3.32 × 10^0	3.29 × 10^0	2.62 × 10^0	1.31 × 10^0	1.31 × 10^0	2.03 × 10^1	1.36 × 10^1	1.36 × 10^1	1.36 × 10^1	1.36 × 10^1	9.99 × 10^{-1}	3.00 × 10^{-1}	1.50 × 10^{-1}	1.001 × 10^0	3.03 × 10^{-1}	1.001 × 10^{-1}	5.03 × 10^{-2}	1.31 × 10^1	8.65 × 10^{-1}	3.00 × 10^{-1}	1.02 × 10^{-1}	3.04 × 10^{-2}	1.30 × 10^1	1.00 × 10^0	2.83 × 10^{-1}
u (atm cm) STP		2.17 × 10^5	1.10 × 10^5	5.57 × 10^4	2.60 × 10^4	6.71 × 10^4	8.62 × 10^4	2.19 × 10^4	4.73 × 10^4	3.16 × 10^4	1.59 × 10^4	7.93 × 10^3	3.99 × 10^3	9.94 × 10^3	9.94 × 10^3	9.94 × 10^3	3.32 × 10^3	3.32 × 10^3	3.32 × 10^3	3.32 × 10^3	1.01 × 10^3	1.01 × 10^3	1.01 × 10^3	1.01 × 10^3	1.01 × 10^3	3.30 × 10^2	3.30 × 10^2	3.30 × 10^2
ν (cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
6190.0	1.61551	0.	2.4	15.8	39.1	7.7	12.9	57.7	9.0	17.6	44.0	55.6	81.4	78.0	83.7	65.5	90.5	93.2	94.9	94.9	95.5	97.5	97.5	93.1	98.5	98.0	98.6	99.3
6190.2	1.61546	0.	3.0	15.9	37.5	7.7	13.2	55.2	8.8	17.4	43.8	55.7	81.2	77.7	83.9	63.3	88.7	93.1	95.1	95.1	95.5	97.3	97.7	99.1	98.5	98.0	98.9	99.5
6190.4	1.61540	0.	2.9	14.7	34.0	6.5	13.2	50.9	8.7	17.0	43.2	[illegible]	80.8	75.1	82.6	[illegible]	85.7	92.0	94.9	95.0	95.5	95.5	97.5	97.6	98.2	97.9	99.0	99.5
6190.6	1.61535	0.	2.2	12.6	28.7	4.8	11.6	45.7	8.4	17.1	42.3	[illegible]	80.2	70.2	79.4	60.1	81.7	89.7	93.2	94.2	95.5	95.3	96.4	95.6	97.5	97.8	99.0	99.4
6190.8	1.61530	0.	1.8	9.7	23.7	3.5	9.6	39.5	8.0	17.1	40.5	[illegible]	79.6	64.3	75.4	58.5	79.0	85.2	91.4	93.6	95.5	94.2	95.0	95.5	96.3	97.8	98.8	99.1
6191.0	1.61525	0.	1.5	7.6	21.2	3.0	7.9	36.5	7.7	15.1	39.3	52.8	79.2	58.9	71.5	78.7	78.9	94.0	90.0	92.6	95.4	93.5	93.7	94.8	96.4	97.8	98.5	98.7
6191.2	1.61520	0.	1.4	5.9	21.2	3.2	7.0	37.9	7.4	15.7	39.3	52.5	79.0	57.2	70.2	80.3	81.2	93.8	89.9	92.3	95.3	93.5	93.3	94.9	96.3	97.7	98.2	98.5
6191.4	1.61514	0.	1.5	[illegible]	24.3	4.5	7.0	43.8	7.1	15.6	39.2	52.6	79.0	59.7	71.2	82.3	85.5	95.1	90.1	92.5	95.2	94.2	93.5	95.8	96.5	97.7	98.1	98.3
6191.6	1.61509	0.	1.9	10.2	31.0	5.8	9.3	54.2	6.3	15.5	39.2	52.6	79.2	66.1	75.1	85.3	90.2	95.9	91.7	93.5	95.2	95.6	94.9	97.0	97.4	97.7	98.2	98.4
6191.8	1.61504	0.	2.7	13.4	36.0	7.4	12.5	59.3	6.7	15.5	39.5	53.0	79.4	75.7	82.2	87.0	92.4	91.1	93.5	94.4	95.1	[illegible]	96.3	98.0	98.3	97.7	98.4	98.5
6192.0	1.61499	0.	3.0	15.6	38.7	8.5	15.0	60.3	6.5	15.7	39.7	55.6	79.4	80.0	85.6	87.2	92.2	93.7	95.1	95.0	95.1	97.5	97.7	98.4	98.7	97.7	98.7	98.9
6192.2	1.61493	0.	3.1	15.4	38.1	8.5	15.2	58.4	6.5	15.8	39.4	52.5	79.2	80.1	87.5	86.2	90.5	94.6	96.0	95.5	95.0	97.4	98.2	98.4	98.3	97.7	99.0	99.2
6192.4	1.61488	0.	3.1	15.6	35.1	7.4	15.1	54.4	6.4	15.7	38.3	51.6	78.8	77.3	85.1	84.2	86.8	94.1	96.0	95.6	94.9	95.5	97.8	97.9	98.7	97.7	99.2	99.4
6192.6	1.61483	0.	2.9	[illegible]	29.5	5.5	[illegible]	47.4	6.2	15.0	37.3	[illegible]	78.2	72.2	83.2	81.7	82.5	92.0	94.3	95.1	94.9	94.8	96.7	97.0	98.2	97.7	99.1	99.5
6192.8	1.61478	0.	2.1	11.5	24.2	3.9	[illegible]	41.1	6.1	14.3	36.5	[illegible]	77.5	65.5	[illegible]	[illegible]	79.9	88.6	92.7	94.0	94.7	93.7	95.3	95.8	97.4	97.7	98.8	99.1
6193.0	1.61473	0.	1.4	[illegible]	19.9	3.0	9.9	36.0	5.8	13.3	35.5	[illegible]	76.8	59.7	74.3	79.1	76.4	94.6	90.7	93.3	94.5	[illegible]	93.5	94.9	96.8	97.6	98.4	98.5
6193.2	1.61467	0.	1.1	6.3	18.2	2.8	7.9	[illegible]	5.5	12.5	34.8	[illegible]	75.6	55.5	72.8	79.5	76.7	93.5	89.3	93.0	94.5	92.6	92.3	94.6	96.5	97.6	98.0	98.3
6193.4	1.61462	0.	[illegible]	5.1	20.1	3.5	5.8	38.5	5.3	12.1	34.3	[illegible]	75.4	55.0	[illegible]	81.3	80.1	92.8	89.1	93.1	94.4	93.2	92.3	95.0	96.5	97.6	97.8	98.1
6193.6	1.61457	0.	1.2	7.6	26.2	4.9	7.5	47.4	5.0	11.9	34.1	[illegible]	75.4	59.7	72.6	84.9	85.4	95.2	90.5	93.7	94.3	94.6	93.9	95.4	97.0	97.5	97.6	98.0
6193.8	1.61452	0.	1.9	10.5	34.1	7.2	11.0	60.0	4.9	11.8	34.1	[illegible]	75.4	68.8	[illegible]	87.9	90.5	99.2	93.3	94.7	94.3	[illegible]	95.4	97.6	98.0	97.5	97.9	98.2
6194.0	1.61447	0.	3.0	14.1	37.3	9.1	17.0	64.5	4.7	11.8	34.3	55.6	76.5	78.4	84.2	89.9	92.5	93.4	95.2	95.9	94.3	97.1	97.4	98.7	98.7	97.5	98.3	98.7
6194.2	1.61441	0.	3.4	15.9	37.5	10.0	21.6	63.4	4.5	12.0	34.3	55.5	76.5	82.5	88.6	90.0	92.3	95.1	96.5	95.8	94.3	97.4	98.3	99.1	99.0	97.5	98.7	99.2
6194.4	1.61436	0.	3.4	[illegible]	35.3	9.1	[illegible]	59.0	4.4	11.9	33.3	[illegible]	76.0	82.2	89.3	88.2	89.3	95.6	97.1	95.9	94.3	[illegible]	98.4	98.8	99.1	97.5	99.0	99.5
6194.6	1.61431	0.	3.3	[illegible]	29.5	7.1	[illegible]	[illegible]	4.2	11.4	32.7	[illegible]	75.2	79.0	88.6	85.5	84.5	94.3	96.5	95.1	94.2	95.4	97.5	97.7	98.5	97.5	99.1	99.5
6194.8	1.61426	0.	2.5	[illegible]	22.9	5.2	[illegible]	42.5	4.0	[illegible]	31.4	[illegible]	74.4	71.3	[illegible]	82.4	79.1	91.8	94.5	94.9	94.2	[illegible]	95.7	95.1	97.5	97.5	98.6	99.3
6195.0	1.61421	0.	1.8	[illegible]	[illegible]	3.1	11.2	34.3	[illegible]	9.0	30.2	[illegible]	73.6	61.4	[illegible]	79.5	74.5	89.1	91.5	93.7	94.0	[illegible]	93.5	94.9	97.1	97.5	98.2	98.5
6195.2	1.61415	0.	1.2	[illegible]	[illegible]	1.9	7.6	[illegible]	3.5	[illegible]	28.9	[illegible]	72.5	55.3	[illegible]	78.4	73.1	93.8	89.7	92.8	93.8	[illegible]	91.9	[illegible]	96.4	97.5	97.6	98.0
6195.4	1.61410	0.	0.9	[illegible]	15.1	1.8	[illegible]	[illegible]	3.4	8.4	28.1	52.5	72.5	52.5	[illegible]	[illegible]	74.1	82.0	88.9	92.6	93.5	[illegible]	91.5	94.7	96.4	97.5	97.2	97.5
6195.6	1.61405	0.	0.7	[illegible]	18.9	2.4	5.5	42.0	3.2	8.2	27.7	52.5	72.3	53.9	69.6	81.5	78.5	82.4	89.4	92.9	93.2	[illegible]	92.3	95.8	97.0	97.5	97.1	97.5
6195.8	1.61400	0.	0.7	[illegible]	25.0	3.5	7.1	51.9	3.1	8.2	27.5	52.5	72.3	59.5	[illegible]	84.3	84.7	85.3	90.9	93.9	93.2	[illegible]	93.3	97.2	97.3	97.5	97.4	97.7
6196.0	1.61394	0.	0.9	8.6	29.5	5.0	[illegible]	58.3	3.0	8.1	27.7	52.5	72.4	68.4	77.9	86.9	89.3	89.6	93.0	95.4	93.2	[illegible]	96.2	98.2	98.5	97.4	97.7	98.4
6196.2	1.61389	0.	1.1	[illegible]	30.7	5.9	14.6	[illegible]	2.8	8.1	27.7	52.2	72.4	77.1	84.0	88.3	91.4	93.2	95.2	95.0	93.7	[illegible]	98.1	98.6	99.1	97.4	98.2	98.9
6196.4	1.61384	0.	1.3	[illegible]	29.2	6.1	[illegible]	56.7	2.7	7.9	27.3	51.5	72.0	79.9	87.8	88.0	90.3	94.6	96.4	95.2	93.0	[illegible]	98.5	98.4	99.3	97.3	98.6	99.2
6196.6	1.61379	0.	1.5	10.4	25.5	5.2	[illegible]	52.2	2.5	7.6	26.3	50.2	71.2	78.5	88.4	86.2	86.6	94.8	96.5	95.0	92.9	[illegible]	97.5	97.4	[illegible]	97.3	98.6	99.3
6196.8	1.61374	0.	1.5	8.4	20.7	4.1	[illegible]	41.5	2.4	7.1	25.1	49.9	70.2	73.0	85.6	83.5	81.0	94.5	94.9	94.8	92.7	[illegible]	95.5	95.0	[illegible]	97.2	98.4	99.2
6197.0	1.61368	0.	1.5	5.4	14.5	3.0	11.7	53.9	2.3	5.5	23.9	[illegible]	69.3	65.0	[illegible]	80.3	75.4	88.7	92.2	93.9	92.3	[illegible]	93.5	94.7	97.3	97.1	97.6	98.5
6197.2	1.61363	0.	0.9	[illegible]	[illegible]	2.1	7.7	[illegible]	2.2	5.9	22.7	[illegible]	68.6	56.9	77.3	79.2	71.4	83.8	89.7	93.1	92.0	[illegible]	91.2	93.6	96.7	97.0	97.1	97.8
6197.4	1.61358	0.	0.5	[illegible]	12.2	1.3	5.0	30.9	2.1	5.5	21.7	45.5	68.1	51.0	79.9	78.3	70.1	80.6	88.0	92.7	91.5	[illegible]	90.3	[illegible]	[illegible]	96.9	95.6	97.3
6197.6	1.61353	0.	0.7	3.6	16.1	1.5	5.4	39.1	2.0	5.3	21.5	45.2	67.5	50.5	57.9	80.2	74.2	80.4	88.0	92.9	91.5	[illegible]	90.8	95.2	96.5	96.9	95.4	97.0
6197.8	1.61348	0.	0.5	4.5	20.5	2.5	8.0	48.5	1.9	5.2	21.5	45.0	67.7	55.3	[illegible]	82.5	79.3	82.9	89.5	94.0	91.5	[illegible]	92.9	97.2	97.5	96.9	95.6	97.0
6198.0	1.61342	0.	0.5	5.6	23.8	3.1	10.1	53.8	1.7	5.1	21.5	45.9	67.7	65.1	75.7	86.3	85.9	87.4	92.3	95.1	91.6	[illegible]	95.9	98.4	98.5	96.9	97.3	97.8
6198.2	1.61337	0.	0.7	5.4	24.2	3.2	11.7	53.4	1.5	4.9	21.3	45.5	67.5	73.3	82.9	87.3	89.9	91.7	94.9	95.1	91.4	[illegible]	97.5	98.5	99.3	96.9	97.9	98.5
6198.4	1.61332	0.	0.7	7.0	22.5	3.1	11.9	49.4	1.5	4.8	21.0	44.6	67.0	77.5	88.6	87.2	89.4	93.8	96.5	95.2	91.3	[illegible]	98.0	98.3	99.3	96.9	98.3	99.0
6198.6	1.61327	0.	0.7	[illegible]	18.9	2.9	[illegible]	42.7	1.5	4.7	20.5	43.6	66.4	77.1	87.8	[illegible]	85.3	94.7	96.2	95.4	91.1	[illegible]	97.4	97.0	98.7	96.9	98.0	99.2
6198.8	1.61322	0.	0.5	[illegible]	14.5	2.3	7.6	34.2	1.4	4.5	19.5	42.5	65.4	70.8	85.1	80.1	78.2	92.4	94.3	93.9	90.8	[illegible]	94.5	95.2	97.7	96.8	98.0	99.1
6199.0	1.61316	0.	0.5	[illegible]	10.2	1.6	[illegible]	27.7	1.4	4.0	17.3	41.1	64.4	62.9	79.3	76.9	72.5	88.1	91.5	92.3	90.5	[illegible]	92.1	93.2	96.5	96.8	97.4	98.5
6199.2	1.61311	0.	0.5	2.7	8.0	1.1	3.6	[illegible]	1.5	3.5	16.8	[illegible]	[illegible]	54.2	[illegible]	74.9	68.3	82.8	88.5	91.3	90.2	[illegible]	89.9	92.0	95.7	96.7	95.4	97.2
6199.4	1.61306	0.	0.3	2.1	7.9	0.9	2.8	24.4	1.2	3.2	16.0	39.2	62.5	46.7	[illegible]	74.4	66.1	73.6	85.9	90.6	89.9	[illegible]	88.9	92.4	95.3	96.7	95.5	96.5
6199.6	1.61301	0.	0.2	[illegible]	9.8	0.8	2.4	30.7	1.1	3.0	15.3	[illegible]	61.9	43.3	[illegible]	76.2	67.3	77.2	85.0	90.9	89.7	[illegible]	89.0	[illegible]	95.5	96.7	95.3	96.3
6199.8	1.61296	0.	0.2	[illegible]	12.9	0.9	3.2	37.6	1.0	2.8	15.2	[illegible]	61.7	45.9	[illegible]	[illegible]	73.2	78.3	86.9	92.4	89.5	[illegible]	90.8	95.1	97.1	96.7	95.5	96.4
6200.0	1.61290	0.	0.2	2.1	[illegible]	1.0	4.3	41.9	1.0	2.8	15.2	34.4	61.6	53.5	57.3	[illegible]	81.4	81.9	89.9	93.3	89.5	[illegible]	94.0	97.3	[illegible]	96.5	95.1	[illegible]
6200.2	1.61285	0.	0.1	[illegible]	15.9	1.1	5.2	42.7	0.9	2.4	[illegible]	34.2	61.6	62.3	74.5	83.3	85.7	85.2	92.5	93.9	89.4	94.4	96.2	97.9	98.5	96.5	95.9	97.9
6200.4	1.61280	0.	0.1	[illegible]	[illegible]	1.1	5.4	40.0	0.9	2.7	14.7	37.7	61.4	69.1	[illegible]	[illegible]	86.5	91.5	94.3	94.2	89.4	[illegible]	97.1	97.6	98.8	96.4	97.5	98.4
6200.6	1.61275	0.	0.1	[illegible]	12.1	1.1	4.7	34.3	0.8	2.7	14.1	35.8	60.5	69.7	82.8	82.2	84.1	92.1	94.3	94.1	89.2	[illegible]	96.3	95.4	98.5	96.3	97.2	98.5
6200.8	1.61270	0.	0.0	[illegible]	[illegible]	0.8	3.1	26.3	0.8	2.5	13.4	[illegible]	59.9	65.3	82.4	[illegible]	77.5	90.9	93.7	93.2	88.3	[illegible]	94.5	94.5	97.3	96.1	97.5	98.5
6201.0	1.61264	0.	0.	[illegible]	6.1	0.3	2.1	21.7	0.8	2.3	12.5	34.4	58.8	58.2	77.4	[illegible]	72.5	85.7	91.2	91.6	88.4	[illegible]	91.3	92.9	95.5	95.9	95.0	[illegible]
6201.2	1.61259	0.	0.	[illegible]	[illegible]	0.3	1.4	19.0	0.7	2.1	11.8	[illegible]	[illegible]	49.5	[illegible]	[illegible]	66.0	81.5	88.2	[illegible]	88.1	[illegible]	88.7	91.8	94.9	95.8	95.4	[illegible]
6201.4	1.61254	0.	0.	[illegible]	[illegible]	0.3	[illegible]	19.3	0.7	1.9	11.3	[illegible]	[illegible]	43.4	[illegible]	[illegible]	63.2	77.8	85.7	89.5	87.9	[illegible]	87.2	91.4	[illegible]	95.7	94.8	96.1
6201.6	1.61249	0.	0.	[illegible]	6.4	0.7	1.5	24.4	0.7	1.7	10.9	[illegible]	56.1	40.3	[illegible]	[illegible]	64.2	75.1	84.4	89.6	87.5	[illegible]	87.3	[illegible]	[illegible]	95.5	94.5	95.5
6201.8	1.61244	0.	0.	[illegible]	8.2	0.5	[illegible]	32.2	0.6	[illegible]	10.5	[illegible]	[illegible]	40.4	[illegible]	[illegible]	68.7	75.6	84.4	[illegible]	87.4	[illegible]	89.3	[illegible]	[illegible]	95.5	94.6	95.7
6202.0	1.61238	0.	0.	[illegible]	9.7	0.5	[illegible]	35.3	0.5	1.6	10.4	[illegible]	[illegible]	45.1	52.6	[illegible]	77.9	80.1	86.5	92.0	[illegible]	[illegible]	91.9	[illegible]	[illegible]	95.4	[illegible]	[illegible]
6202.2	1.61233	0.	0.	[illegible]	10.3	0.5	3.2	[illegible]	0.5	1.5	10.3	[illegible]	55.5	54.2	59.6	80.3	82.7	85.3	90.2	92.9	87.2	[illegible]	95.1	97.5	[illegible]	95.4	95.3	97.2
6202.4	1.61228	0.	0.	[illegible]	9.4	0.9	3.3	32.2	0.5	1.5	10.1	31.6	55.5	61.4	[illegible]	80.7	83.5	89.3	93.1	93.5	[illegible]	[illegible]	96.2	[illegible]	[illegible]	95.3	95.9	[illegible]
6202.6	1.61223	0.	0.	[illegible]	7.3	1.2	3.2	26.3	0.5	1.5	9.3	[illegible]	52.1	64.7	[illegible]	78.2	80.5	90.7	93.8	93.3	86.9	[illegible]	95.5	[illegible]	97.8	95.1	97.2	98.5
6202.8	1.61218	0.	0.	[illegible]	[illegible]	1.0	[illegible]	20.4	0.5	1.5	9.3	29.4	54.1	61.7	[illegible]	74.4	74.3	89.8	92.7	92.1	86.7	[illegible]	93.9	[illegible]	[illegible]	94.9	96.8	99.3

6203.0	1.61212	0.	0.	1.	4.	0.4	[illegible]	[illegible]	0.4	[illegible]	[illegible]	[illegible]	[illegible]	55.1	[illegible]	[illegible]	67.9	83.9	89.3	[illegible]	86.4	[illegible]	89.7	[illegible]	[illegible]	94.4	[illegible]	97.1
6203.2	1.61207	0.	0.	[illegible]	[illegible]	0.7	1.1	[illegible]	0.4	[illegible]	[illegible]	[illegible]	52.0	44.7	[illegible]	[illegible]	60.5	77.3	85.4	[illegible]	86.1	[illegible]	87.1	[illegible]	[illegible]	94.7	94.9	95.4
6203.4	1.61202	0.	0.	[illegible]	[illegible]	[illegible]	[illegible]	17.5	0.4	[illegible]	7.5	[illegible]	51.2	37.1	[illegible]	[illegible]	58.4	74.4	82.5	[illegible]	85.7	[illegible]	85.5	91.6	93.7	94.5	93.9	[illegible]
6203.6	1.61197	0.	0.	[illegible]	[illegible]	0.4	[illegible]	21.9	0.3	[illegible]	[illegible]	[illegible]	[illegible]	34.5	53.4	[illegible]	61.3	72.0	81.5	85.0	[illegible]	[illegible]	85.9	92.4	94.1	94.5	93.5	94.7
6203.8	1.61192	0.	0.	[illegible]	[illegible]	0.4	[illegible]	[illegible]	0.3	[illegible]	[illegible]	[illegible]	51.2	36.9	[illegible]	[illegible]	67.9	73.5	82.5	[illegible]	85.3	[illegible]	88.0	93.4	95.7	94.4	[illegible]	95.1
6204.0	1.61186	0.	0.	0.5	6.2	0.4	1.2	[illegible]	0.3	0.9	7.1	[illegible]	[illegible]	43.2	[illegible]	[illegible]	75.6	78.5	85.9	90.8	85.2	[illegible]	91.7	95.3	[illegible]	94.3	94.9	95.0
6204.2	1.61181	0.	0.	0.5	6.4	0.4	1.2	27.5	0.2	0.9	7.0	25.5	49.9	51.9	[illegible]	[illegible]	80.9	85.6	89.9	92.0	85.1	[illegible]	94.5	95.9	97.3	94.3	95.9	97.1
6204.4	1.61176	0.	0.	0.5	5.5	0.4	1.1	23.3	0.2	0.8	6.8	25.1	49.7	59.1	[illegible]	77.1	80.5	89.2	92.2	92.5	[illegible]	[illegible]	95.5	95.1	97.5	94.2	95.5	[illegible]
6204.6	1.61171	0.	0.	0.5	4.1	0.4	0.9	18.5	0.2	0.5	6.5	24.4	49.4	58.0	[illegible]	[illegible]	75.9	85.1	92.1	91.9	84.9	[illegible]	93.9	[illegible]	96.7	94.1	95.5	97.9
6204.8	1.61166	0.	0.	0.5	2.9	0.4	0.6	[illegible]	0.1	0.7	6.5	23.5	45.6	53.5	71.2	70.5	68.9	83.7	89.3	90.7	84.7	[illegible]	90.7	92.9	95.5	94.1	95.9	97.3
6205.0	1.61160	0.	0.	0.5	[illegible]	0.4	0.3	11.3	0.1	0.7	5.9	22.7	47.8	45.9	55.2	67.2	62.2	79.2	86.0	89.0	84.2	[illegible]	87.1	91.4	94.7	94.1	94.4	[illegible]
6205.2	1.61155	0.	0.	0.4	2.0	0.1	0.2	10.2	0.2	0.7	5.5	[illegible]	45.7	[illegible]	53.2	64.9	57.4	73.2	83.3	84.0	83.4	[illegible]	85.2	89.6	93.4	94.1	[illegible]	[illegible]
6205.4	1.61150	0.	0.	0.3	2.1	0.1	0.2	12.2	0.3	0.6	5.2	21.5	45.0	30.5	51.6	64.5	55.5	69.6	81.0	87.4	83.4	[illegible]	84.3	91.3	93.5	94.1	[illegible]	[illegible]
6205.6	1.61145	0.	0.	0.3	2.9	0.1	0.2	16.4	0.	0.6	5.1	21.3	45.6	29.2	49.1	66.7	59.6	69.3	80.5	87.5	83.2	[illegible]	85.5	[illegible]	94.2	94.0	92.8	[illegible]
6205.8	1.61140	0.	0.	0.2	3.3	0.1	0.4	20.5	0.	0.6	5.0	21.1	43.4	32.9	[illegible]	70.1	68.4	73.1	82.4	84.8	83.1	[illegible]	89.2	[illegible]	95.5	[illegible]	93.5	95.0
6206.0	1.61134	0.	0.	0.2	3.3	0.	0.5	22.5	0.	0.6	4.9	21.0	45.2	40.1	[illegible]	[illegible]	75.0	79.2	86.4	90.3	83.0	[illegible]	93.0	95.5	[illegible]	93.9	94.5	96.2
6206.2	1.61129	0.	0.	0.2	3.7	0.	0.9	22.0	0.	0.5	4.7	20.8	45.2	47.0	[illegible]	75.2	77.9	84.4	89.3	91.6	82.9	[illegible]	94.5	95.5	97.4	93.9	[illegible]	97.2
6206.4	1.61124	0.	0.	0.2	3.3	0.	0.9	19.1	0.	0.4	4.7	20.5	44.9	53.3	[illegible]	75.9	76.5	85.6	91.4	92.1	82.7	[illegible]	94.3	95.2	97.3	93.7	95.1	97.5
6206.6	1.61119	0.	0.	0.1	2.4	0.	0.9	15.5	0.	0.3	4.5	20.1	44.3	53.4	72.5	73.9	71.3	85.3	91.5	91.4	82.3	[illegible]	92.4	93.2	96.5	93.5	95.7	97.0
6206.8	1.61114	0.	0.	0.1	2.0	0.	0.8	12.4	0.	0.3	4.4	19.5	43.6	48.0	59.0	70.5	64.0	81.7	89.8	90.0	82.1	[illegible]	89.2	91.1	94.9	93.5	94.5	95.9
6207.0	1.61108	0.	0.	0.	1.7	0.	0.6	10.5	0.	0.1	4.1	[illegible]	43.0	40.7	54.1	67.7	57.2	75.5	86.5	88.5	81.7	[illegible]	85.5	89.7	93.5	93.4	93.3	94.5
6207.2	1.61103	0.	0.	0.	1.7	0.	0.2	10.5	0.	0.	3.7	[illegible]	42.1	33.9	57.6	66.5	54.1	71.7	82.7	87.5	81.3	[illegible]	83.5	89.4	[illegible]	93.4	92.3	93.7
6207.4	1.61098	0.	0.	0.	1.9	0.	0.5	15.0	0.	0.	3.7	[illegible]	41.8	29.9	51.9	67.5	55.4	69.1	80.9	87.5	81.2	[illegible]	84.0	90.9	93.4	93.3	92.1	93.5
6207.6	1.61093	0.	0.	0.	2.5	0.	0.8	20.3	0.	0.	3.7	17.9	41.5	30.9	59.2	70.3	68.9	75.1	80.9	85.2	81.1	[illegible]	87.0	93.6	94.4	93.3	92.7	94.3
6207.8	1.61088	0.	0.	0.	2.9	0.	0.8	22.9	0.	0.	3.7	17.8	41.6	37.4	55.4	73.7	70.9	75.0	84.0	89.6	81.0	[illegible]	91.4	95.5	96.9	93.3	93.6	95.4
6208.0	1.61082	0.	0.	0.	3.1	0.	0.8	22.7	0.	0.	3.5	17.7	[illegible]	46.9	54.3	74.3	76.9	82.7	88.5	90.6	80.9	[illegible]	94.4	95.5	97.5	93.2	94.7	96.5
6208.2	1.61077	0.	0.	0.	3.0	0.	0.8	19.9	0.	0.	3.5	17.5	41.3	52.5	70.7	73.5	76.3	85.4	92.0	91.2	80.4	[illegible]	94.5	95.5	97.3	93.2	95.6	97.1
6208.4	1.61072	0.	0.	0.	2.3	0.	0.7	15.1	0.	0.	3.4	17.3	41.0	52.2	71.4	70.5	72.1	85.7	91.9	90.3	80.7	[illegible]	92.2	92.9	96.1	93.1	95.8	[illegible]
6208.6	1.61067	0.	0.	0.	1.9	0.	0.5	11.1	0.	0.	3.3	[illegible]	40.6	46.5	55.1	66.5	65.4	81.3	87.9	89.0	80.4	[illegible]	88.3	93.5	94.2	92.9	94.6	95.5
6208.8	1.61062	0.	0.	0.	1.4	0.	0.3	8.3	0.	0.	3.2	[illegible]	40.1	38.0	54.3	63.3	55.3	74.3	83.5	87.3	80.1	[illegible]	84.9	89.6	93.1	92.7	93.0	94.5
6209.0	1.61057	0.	0.	0.	1.3	0.	0.1	8.4	0.	0.	3.1	[illegible]	39.5	30.2	[illegible]	62.0	51.5	59.5	79.9	85.7	79.9	[illegible]	82.5	89.2	92.7	92.5	91.8	93.4
6209.2	1.61051	0.	0.	0.	1.2	0.	0.	9.3	0.	0.	3.0	[illegible]	39.9	27.2	47.5	63.5	53.3	55.8	78.1	85.0	79.5	[illegible]	82.5	89.5	[illegible]	92.5	91.3	92.9
6209.4	1.61046	0.	0.	0.	1.2	0.	0.	12.2	0.	0.	2.9	[illegible]	39.5	29.4	45.9	66.7	58.5	59.4	79.1	85.9	79.4	[illegible]	85.1	92.0	93.9	92.5	91.4	93.1
6209.6	1.61041	0.	0.	0.	1.5	0.	0.	14.4	0.	0.	2.9	[illegible]	39.4	33.9	53.9	69.5	65.9	74.7	82.2	87.4	79.2	[illegible]	88.4	94.6	95.7	92.5	92.6	94.2
6209.8	1.61036	0.	0.	0.	1.5	0.	0.	15.0	0.	0.	2.9	[illegible]	39.4	40.9	51.0	71.2	72.5	80.1	86.1	89.1	79.1	[illegible]	92.3	95.6	[illegible]	92.5	93.9	95.5
6210.0	1.61031	0.	0.	0.	1.5	0.	0.	14.2	0.	0.	2.8	[illegible]	38.4	45.3	55.6	70.5	73.3	83.5	88.7	89.8	79.1	[illegible]	93.5	94.9	[illegible]	92.5	94.9	96.4
6210.2	1.61025	0.	0.	0.	1.5	0.	0.	12.1	0.	0.	2.7	15.0	38.3	44.7	55.6	68.4	68.4	83.0	88.3	90.0	79.0	[illegible]	92.5	95.4	96.4	92.5	95.1	96.5
6210.4	1.61020	0.	0.	0.	1.3	0.	0.	9.4	0.	0.	2.7	14.7	38.1	41.5	52.2	64.4	61.3	79.9	86.5	89.0	78.7	[illegible]	89.5	91.4	95.2	92.5	94.5	95.9
6210.6	1.61015	0.	0.	0.	1.2	0.	0.	7.7	0.	0.	2.5	14.4	37.6	35.9	55.9	60.4	54.3	73.4	83.4	87.2	78.3	[illegible]	86.1	89.0	93.4	92.4	93.1	94.5
6210.8	1.61010	0.	0.	0.	1.1	0.	0.	7.1	0.	0.	2.5	14.0	37.1	28.7	[illegible]	49.3	49.5	59.3	79.4	85.6	78.0	[illegible]	83.1	87.7	92.9	92.4	91.8	93.5
6211.0	1.61005	0.	0.	0.	1.0	0.	0.	8.9	0.	0.	2.5	13.6	35.7	24.4	45.9	60.3	49.3	54.5	77.2	84.9	77.9	[illegible]	81.4	87.8	[illegible]	92.3	91.0	92.5
6211.2	1.60999	0.	0.	0.	1.2	0.	0.	12.2	0.	0.	2.4	13.6	35.3	24.2	42.9	64.2	54.4	54.9	77.5	84.9	77.7	[illegible]	83.0	89.9	[illegible]	92.2	90.9	92.7
6211.4	1.60994	0.	0.	0.	1.4	0.	0.	16.4	0.	0.	2.4	13.6	35.1	29.2	45.6	68.7	65.4	59.7	80.3	85.1	77.5	[illegible]	86.7	93.5	[illegible]	92.2	91.5	93.3
6211.6	1.60989	0.	0.	0.	1.5	0.	0.	19.3	0.	0.	2.3	13.6	35.1	38.4	54.1	72.1	73.0	75.4	85.0	88.0	77.5	[illegible]	90.7	95.9	96.7	92.2	92.8	94.7
6211.8	1.60984	0.	0.	0.	1.5	0.	0.	19.4	0.	0.	2.3	13.5	35.2	47.4	53.5	72.9	74.4	83.9	90.5	90.0	77.5	[illegible]	94.0	95.5	97.4	92.3	94.4	96.1
6212.0	1.60979	0.	0.	0.	1.5	0.	0.	16.3	0.	0.	2.3	13.5	35.2	50.8	[illegible]	70.3	70.5	85.8	90.9	90.3	77.5	[illegible]	93.8	94.8	[illegible]	92.3	95.0	96.3
6212.2	1.60974	0.	0.	0.	1.5	0.	0.	13.0	0.	0.	2.3	13.4	35.1	45.2	59.7	66.3	61.5	80.9	86.9	89.8	77.5	[illegible]	90.2	91.7	95.4	92.2	94.4	96.4
6212.4	1.60968	0.	0.	0.	1.3	0.	0.	10.1	0.	0.	2.3	13.3	35.0	38.7	50.9	63.9	53.3	73.0	81.3	87.8	77.4	81.5	85.5	84.8	93.2	92.1	93.1	95.0
6212.6	1.60963	0.	0.	0.	1.2	0.	0.	8.4	0.	0.	2.2	13.0	35.7	31.8	52.9	62.3	50.2	57.5	77.8	85.5	77.3	78.4	82.2	87.6	92.1	92.1	91.7	93.4
6212.8	1.60958	0.	0.	0.	1.2	0.	0.	8.7	0.	0.	2.2	12.7	35.3	27.3	43.1	64.5	52.4	55.6	76.9	85.3	77.2	77.3	80.9	87.8	92.1	92.1	90.7	92.5
6213.0	1.60953	0.	0.	0.	1.0	0.	0.	11.5	0.	0.	2.1	12.6	34.9	27.4	43.4	68.4	59.4	65.1	80.1	85.0	77.0	78.6	82.3	90.5	93.2	92.0	90.5	92.3
6213.2	1.60948	0.	0.	0.	1.1	0.	0.	13.5	0.	0.	2.1	12.5	34.9	31.5	55.1	71.4	69.9	75.0	84.8	86.0	76.9	81.7	86.7	93.6	94.9	92.0	91.3	93.1
6213.4	1.60942	0.	0.	0.	1.1	0.	0.	14.5	0.	0.	2.0	12.5	34.9	41.0	52.6	71.9	72.9	82.4	88.5	89.1	77.0	85.0	91.2	95.5	96.5	92.0	92.7	94.4
6213.6	1.60937	0.	0.	0.	1.1	0.	0.	13.5	0.	0.	2.0	12.5	35.0	44.5	55.7	70.1	71.0	84.0	89.9	89.7	77.2	87.1	93.4	95.9	97.1	92.0	94.0	95.5
6213.8	1.60932	0.	0.	0.	1.1	0.	0.	11.1	0.	0.	2.0	12.5	35.1	42.8	[illegible]	66.4	65.5	81.4	88.4	90.3	77.3	[illegible]	93.3	94.3	96.7	92.0	94.8	96.3
6214.0	1.60927	0.	0.	0.	1.0	0.	0.	8.2	0.	0.	2.0	12.5	35.2	37.7	51.8	62.4	58.1	76.2	84.4	89.8	77.2	[illegible]	89.9	91.9	95.5	91.9	94.6	96.4
6214.2	1.60922	0.	0.	0.	0.9	0.	0.	7.0	0.	0.	2.0	12.5	35.2	32.0	55.1	59.5	51.0	70.3	80.4	88.0	77.2	81.1	86.8	89.5	94.2	91.8	93.4	95.1
6214.4	1.60917	0.	0.	0.	0.9	0.	0.	6.4	0.	0.	2.0	12.5	35.0	25.5	43.7	59.0	48.4	55.1	77.7	85.3	77.1	78.4	83.7	88.0	92.3	91.7	92.1	93.5
6214.6	1.60911	0.	0.	0.	0.9	0.	0.	7.4	0.	0.	2.0	12.5	34.8	23.1	44.3	61.7	50.5	55.0	77.1	85.1	77.0	77.2	81.5	87.7	92.5	91.7	91.1	92.5
6214.8	1.60906	0.	0.	0.	0.9	0.	0.	10.1	0.	0.	2.0	12.5	34.8	24.7	44.4	66.4	58.3	57.4	79.3	84.5	77.0	79.0	81.8	85.7	92.5	91.7	90.8	92.3
6215.0	1.60901	0.	0.	0.	1.0	0.	0.	14.0	0.	0.	2.0	12.5	34.7	30.8	49.4	70.5	67.8	73.3	84.0	85.6	76.9	81.5	84.7	91.4	93.7	91.7	91.2	92.7
6215.2	1.60896	0.	0.	0.	1.2	0.	0.	17.5	0.	0.	2.0	12.4	34.8	40.2	58.5	72.2	73.7	81.0	89.4	87.4	77.0	84.6	88.9	94.7	95.9	91.7	92.2	94.0
6215.4	1.60891	0.	0.	0.	1.5	0.	0.	18.2	0.	0.	2.0	12.4	35.0	47.5	59.0	71.5	71.1	85.8	91.3	89.2	77.2	85.8	93.3	95.8	97.1	91.7	93.9	95.5
6215.6	1.60886	0.	0.	0.	1.3	0.	0.	16.4	0.	0.	2.0	12.4	35.1	46.3	[illegible]	69.0	64.1	81.2	88.7	90.2	77.3	85.3	93.5	94.7	97.2	91.7	94.7	96.2
6215.8	1.60880	0.	0.	0.	1.2	0.	0.	13.2	0.	0.	2.0	12.5	35.3	40.4	53.9	65.5	56.0	75.0	84.3	90.6	77.3	84.0	90.5	92.8	96.0	91.7	94.3	96.0
6216.0	1.60875	0.	0.	0.	1.0	0.	0.	10.0	0.	0.	2.0	12.5	35.3	33.1	55.3	63.3	51.0	70.7	80.3	83.9	77.4	81.0	87.2	90.3	[illegible]	91.7	93.1	95.2
6216.2	1.60870	0.	0.	0.	0.9	0.	0.	8.1	0.	0.	2.0	12.5	35.3	27.7	50.1	63.9	50.8	55.9	78.4	86.7	77.4	78.6	83.5	88.3	92.4	91.7	91.8	94.0
6216.4	1.60865	0.	0.	0.	0.9	0.	0.	8.0	0.	0.	2.0	12.5	35.3	26.2	47.4	66.5	54.9	57.0	79.7	85.8	77.4	77.8	81.5	88.3	92.2	91.7	91.0	92.5
6216.6	1.60860	0.	0.	0.	0.9	0.	0.	10.5	0.	0.	2.0	12.5	35.3	30.1	52.3	68.9	65.1	73.1	84.0	85.9	77.4	79.4	82.8	89.9	93.0	91.8	90.9	92.4
6216.8	1.60854	0.	0.	0.	1.0	0.	0.	12.9	0.	0.	2.0	12.6	35.4	38.2	50.9	70.0	71.3	80.0	88.3	88.9	77.4	82.5	86.1	92.7	94.7	91.8	91.8	93.3
6217.0	1.60849	0.	0.	0.	1.0	0.	0.	14.1	0.	0.	2.0	12.8	35.6	43.4	55.8	69.3	71.3	83.5	89.9	89.3	77.7	85.5	89.5	95.5	96.4	91.9	93.1	94.5
6217.2	1.60844	0.	0.	0.	1.0	0.	0.	13.7	0.	0.	2.0	13.0	36.0	44.0	55.8	67.0	67.2	82.4	88.4	89.5	78.0	87.1	93.2	93.6	97.2	91.9	94.2	95.3
6217.4	1.60839	0.	0.	0.	1.1	0.	0.	11.3	0.	0.	2.0	13.1	36.2	40.3	51.8	63.9	60.5	77.7	85.0	89.7	78.2	85.5	92.9	93.9	96.3	92.0	94.7	96.4
6217.6	1.60834	0.	0.	0.	0.9	0.	0.	9.5	0.	0.	2.0	13.2	35.6	33.6	55.1	61.3	52.7	72.2	81.1	89.1	78.2	83.9	90.2	91.6	94.5	92.1	94.1	96.0
6217.8	1.60829	0.	0.	0.	0.7	0.	0.	7.5	0.	0.	2.0	13.4	36.7	27.9	49.1	61.4	50.8	57.6	79.1	87.7	78.2	80.6	86.4	90.2	93.5	92.1	93.2	94.9
6218.0	1.60823	0.	0.	0.	0.7	0.	0.	7.0	0.	0.	2.0	13.5	35.9	25.4	45.1	62.7	53.2	56.7	79.0	85.2	78.2	78.8	83.1	89.9	92.3	92.2	92.0	93.5
6218.2	1.60818	0.	0.	0.	0.8	0.	0.	9.1	0.	0.	2.0	13.7	37.2	27.0	47.1	64.5	59.9	59.0	81.2	85.5	78.4	79.1	81.9	88.8	92.7	92.3	91.3	92.7
6218.4	1.60813	0.	0.	0.	0.9	0.	0.	12.5	0.	0.	2.0	13.8	37.3	32.2	51.9	69.3	68.2	74.1	85.2	86.2	78.5	81.3	82.9	91.7	93.5	92.3	91.5	92.3
6218.6	1.60808	0.	0.	0.	1.0	0.	0.	14.9	0.	0.	2.0	14.2	37.7	40.0	59.6	71.1	73.5	81.3	89.5	87.2	78.7	85.2	86.5	93.9	95.4	92.4	92.8	93.5
6218.8	1.60803	0.	0.	0.	1.2	0.	0.	16.0	0.	0.	2.1	14.6	38.3	46.0	55.8	70.3	71.3	84.6	90.2	88.8	78.9	87.1	90.3	95.9	96.9	92.5	93.9	95.1

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
p(atm)		2.50×10^{0}	2.53×10^{0}	2.53×10^{0}	2.50×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.46×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{0}	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}	2.34×10^{-2}	2.34×10^{-2}	2.34×10^{-2}	2.17×10^{-1}	2.17×10^{-1}	2.17×10^{-1}
P_e(atm)		[illegible] $\times 10^{0}$	[illegible]	3.33×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}	3.00×10^{-1}	1.02×10^{-1}	3.04×10^{-2}	1.30×10^{1}	1.00×10^{0}	2.83×10^{-1}
u (atm cm) STP		3.17×10^{5}	1.10×10^{5}	5.57×10^{4}	2.80×10^{4}	4.71×10^{4}	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	3.30×10^{2}	3.30×10^{2}	3.30×10^{2}
ν (cm^{-1})	λ (micron)	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100
6219.0	1.60798	0.	0.	0.	1.3	0.	0.	15.1	0.	0.	2.1	12.0	39.8	45.3	55.1	68.7	66.0	92.1	88.3	89.8	79.2	97.4	93.5	95.4	97.2	92.7	94.6	96.0
6219.2	1.60792	0.	0.	0.	1.3	0.	0.	13.0	0.	0.	2.2	12.3	39.3	41.3	51.8	66.7	59.9	77.0	85.1	90.0	79.4	95.7	92.5	93.6	96.3	92.8	94.8	96.1
6219.4	1.60787	0.	0.	0.	1.2	0.	0.	10.5	0.	0.	2.2	12.6	39.5	35.0	55.3	65.9	54.9	72.1	81.9	89.2	79.5	92.6	88.9	91.1	95.0	92.9	94.3	95.5
6219.6	1.60782	0.	0.	0.	1.1	0.	0.	9.0	0.	0.	2.3	12.9	39.8	29.3	51.2	66.5	53.2	69.3	80.4	87.9	79.8	90.3	85.1	89.4	93.3	92.9	93.5	94.7
6219.8	1.60777	0.	0.	0.	1.1	0.	0.	10.2	0.	0.	2.4	15.2	40.2	28.5	50.8	69.5	57.0	69.9	82.1	87.1	80.1	90.0	83.1	89.3	93.2	93.0	92.4	93.7
6220.0	1.60772	0.	0.	0.	1.4	0.	0.	13.3	0.	0.	2.5	15.6	40.7	33.7	55.2	71.9	65.7	75.0	85.5	87.3	80.4	91.3	83.5	90.9	93.9	93.2	92.1	93.4
6220.2	1.60767	0.	0.	0.	1.5	0.	0.	16.7	0.	0.	2.6	17.1	41.2	41.5	53.5	72.7	72.4	91.3	89.2	88.6	80.7	93.9	86.9	94.0	95.4	93.3	92.6	93.7
6220.4	1.60761	0.	0.	0.	1.5	0.	0.	18.5	0.	0.	2.8	17.6	41.7	48.2	59.1	71.3	74.0	95.5	91.2	89.9	81.0	95.7	91.3	95.8	96.9	93.5	93.6	94.5
6220.6	1.60756	0.	0.	0.	1.3	0.	0.	18.2	0.	0.	3.0	18.1	42.3	49.3	59.6	69.4	69.5	94.2	89.9	90.2	81.4	93.3	93.9	95.7	97.5	93.7	94.5	95.7
6220.8	1.60751	0.	0.	0.	1.7	0.	0.	15.3	0.	0.	3.1	18.7	42.9	43.8	53.2	66.3	62.5	79.7	86.3	90.3	81.9	[illegible]	92.0	94.1	96.5	93.3	95.2	96.4
6221.	1.60746	0.	0.	0.	1.7	0.	0.	12.3	0.	0.	3.3	19.2	43.5	37.4	55.5	65.4	57.2	74.2	83.3	89.5	82.1	95.5	88.9	91.9	95.1	93.9	94.9	96.4
6221.2	1.60741	0.	0.	0.	1.7	0.	0.	10.4	0.	0.	3.5	19.6	44.1	32.7	52.0	66.5	55.5	70.9	81.5	89.0	82.5	93.2	85.9	90.2	[illegible]	94.0	94.3	95.5
6221.4	1.60736	0.	0.	0.	1.7	0.	0.	10.8	0.	0.	3.8	20.0	44.7	30.9	51.4	69.5	58.3	70.6	81.5	87.5	82.9	92.0	84.3	89.9	93.7	94.1	93.6	94.5
6221.6	1.60730	0.	0.	0.	1.9	0.	0.	14.7	0.	0.	4.0	20.5	45.3	33.0	55.6	72.2	65.7	73.7	84.1	87.8	83.1	92.5	84.7	91.2	94.4	94.2	93.1	[illegible]
6221.8	1.60725	0.	0.	0.	2.5	0.	0.3	19.0	0.	0.	4.3	21.5	45.2	39.3	53.6	74.9	73.2	80.1	87.7	89.1	83.4	94.6	88.0	94.2	96.1	94.3	93.2	94.1
6222.0	1.60720	0.	0.	0.	3.0	0.	0.7	21.9	0.	0.	4.5	22.2	47.1	49.1	70.5	75.3	76.4	85.7	90.9	90.3	83.7	97.6	91.5	95.5	97.5	94.4	94.0	94.5
6222.2	1.60715	0.	0.	0.	3.2	0.	1.1	22.5	0.	0.	4.9	23.0	48.0	53.3	72.6	74.5	74.8	85.3	92.4	91.1	84.1	99.1	94.5	95.7	98.2	94.5	94.9	95.7
6222.4	1.60710	0.	0.	0.	3.3	0.	1.1	20.4	0.	0.	5.3	23.7	48.5	51.5	70.4	73.0	69.9	83.3	90.8	92.1	84.5	99.1	94.0	95.1	97.8	94.5	95.7	96.5
6222.6	1.60705	0.	0.	0.	3.0	0.	0.9	17.3	0.	0.	5.7	24.5	49.3	46.0	64.6	71.3	64.2	79.2	87.5	91.8	84.9	97.6	91.1	93.5	96.5	94.7	95.8	96.9
6222.8	1.60699	0.	0.	0.1	2.8	0.	0.7	15.5	0.	0.	6.2	25.2	49.9	39.9	59.5	71.2	61.0	75.7	85.3	90.8	85.3	[illegible]	88.5	91.8	95.4	94.8	95.4	96.5
6223.0	1.60694	0.	0.	0.3	2.9	0.	0.6	15.3	0.	0.1	6.5	[illegible]	50.9	37.3	57.5	73.7	61.9	74.2	84.5	90.0	85.7	95.0	86.9	90.9	94.7	94.9	94.8	95.3
6223.2	1.60689	0.	0.	0.4	3.5	0.	0.7	18.0	0.	0.2	7.1	[illegible]	51.8	39.3	59.7	76.7	66.3	75.4	85.5	89.9	86.1	95.6	86.6	91.7	94.9	95.1	94.4	95.3
6223.4	1.60684	0.	0.	[illegible]	4.4	0.	0.9	22.2	0.	0.3	7.5	[illegible]	52.5	45.5	55.5	79.0	73.2	91.2	88.3	90.4	86.4	97.4	88.7	93.6	95.7	95.2	94.4	[illegible]
6223.6	1.60679	0.	0.	[illegible]	5.9	0.	1.2	27.9	0.	0.4	8.2	[illegible]	53.9	54.3	72.2	79.9	80.1	85.6	91.2	91.9	86.3	99.6	91.5	95.9	97.2	95.3	94.8	95.4
6223.8	1.60674	0.	0.	[illegible]	6.5	0.	1.6	29.7	0.	0.6	9.0	[illegible]	55.1	60.7	78.2	79.1	79.3	89.9	93.5	95.0	87.5	91.3	94.5	97.2	98.2	95.5	95.7	96.4
6224.0	1.60668	0.	0.	[illegible]	6.5	0.	1.8	25.1	0.	0.7	9.8	[illegible]	56.3	59.0	77.4	77.1	74.9	87.3	93.5	[illegible]	87.7	[illegible]	95.3	[illegible]	98.1	95.5	95.3	97.1
6224.2	1.60663	0.	0.	[illegible]	6.1	0.	1.5	24.4	0.	0.9	10.5	32.4	57.3	54.6	72.8	75.5	70.5	83.3	91.3	92.8	88.2	91.6	93.4	[illegible]	97.3	95.7	95.7	97.3
6224.4	1.60658	0.	0.	[illegible]	5.7	0.	1.8	20.5	[illegible]	1.1	11.1	[illegible]	58.2	49.2	65.5	74.7	67.9	79.7	88.5	92.1	88.7	93.4	91.1	93.5	95.9	95.8	95.7	97.3
6224.6	1.60653	0.	0.	[illegible]	5.3	0.	1.8	20.9	0.1	1.3	11.8	[illegible]	59.1	44.5	52.7	75.3	68.3	77.5	86.1	91.2	89.3	93.7	[illegible]	92.5	[illegible]	96.0	95.4	97.0
6224.8	1.60648	0.	0.	[illegible]	7.2	0.1	1.8	23.5	0.1	1.6	12.7	35.5	60.1	43.3	51.9	77.9	73.3	77.9	85.9	90.8	89.9	93.0	88.9	92.8	[illegible]	96.1	95.1	96.5
6225.0	1.60643	0.	0.	1.5	9.7	0.1	2.2	29.4	0.1	1.8	13.5	37.7	61.2	47.3	67.3	80.9	79.5	91.0	87.7	91.4	90.2	90.6	90.2	94.5	95.5	96.3	95.1	96.5
6225.2	1.60637	0.	0.	2.2	12.4	0.1	3.3	37.4	0.2	2.1	14.5	39.1	62.3	57.7	74.4	82.7	84.5	87.2	90.9	92.5	90.5	92.4	93.1	95.5	97.2	96.5	95.4	96.7
6225.4	1.60632	0.	0.	[illegible]	14.3	0.3	5.1	42.0	0.3	2.3	15.7	41.6	63.4	66.5	80.4	83.1	86.0	91.4	93.9	93.6	90.9	93.8	95.4	97.6	98.5	96.7	97.0	97.2
6225.6	1.60627	0.	0.1	[illegible]	15.5	0.4	5.9	39.5	0.3	2.6	17.1	[illegible]	64.6	68.9	[illegible]	82.2	84.0	91.2	95.1	94.0	91.3	94.4	96.5	97.6	[illegible]	96.8	97.7	[illegible]
6225.8	1.60622	0.	0.1	[illegible]	15.4	0.5	5.5	36.2	0.4	3.0	18.5	43.5	65.5	65.1	79.2	80.5	80.7	93.3	94.1	94.0	91.7	94.4	95.7	95.4	98.3	96.9	98.1	98.4
6226.0	1.60617	0.	0.2	[illegible]	15.1	0.8	5.2	33.4	0.5	3.6	19.3	44.9	65.9	60.4	74.0	[illegible]	78.9	93.3	92.1	93.8	92.1	93.8	94.4	95.2	97.2	97.1	98.2	98.4
6226.2	1.60612	0.	0.3	3.4	15.4	1.0	5.7	33.2	0.5	4.2	21.0	45.2	67.9	56.9	70.9	[illegible]	79.1	93.5	90.2	93.5	92.5	93.5	93.1	94.5	96.5	97.2	98.2	98.3
6226.4	1.60606	0.	0.5	[illegible]	17.3	1.2	5.2	39.4	0.5	4.9	22.2	47.4	68.9	57.2	[illegible]	81.4	82.2	93.6	[illegible]	93.3	92.3	93.8	92.9	[illegible]	96.5	97.3	98.1	98.2
6226.6	1.60601	0.	1.0	[illegible]	23.9	1.5	5.4	53.3	[illegible]	5.5	23.4	[illegible]	69.5	[illegible]	71.3	84.5	87.2	93.9	89.5	93.4	93.2	94.6	93.5	95.4	[illegible]	97.5	98.0	98.1
6226.8	1.60596	0.	1.7	11.2	31.0	3.5	[illegible]	63.5	0.5	[illegible]	24.5	44.9	70.5	70.5	75.8	[illegible]	91.4	90.6	91.3	94.0	93.5	95.1	94.6	[illegible]	97.5	97.5	98.2	98.2
6227.0	1.60591	0.	2.4	[illegible]	36.9	6.5	15.1	69.3	0.7	5.8	25.5	51.1	71.3	81.2	87.8	92.4	94.2	94.9	94.5	95.4	93.8	97.4	96.3	[illegible]	98.7	97.7	98.5	98.5
6227.2	1.60586	0.	3.4	17.1	40.7	9.4	20.5	71.4	0.8	7.2	26.5	52.2	72.0	86.2	92.2	93.9	95.4	96.8	97.5	95.7	94.1	98.2	98.1	99.1	99.2	97.8	98.9	99.0
6227.4	1.60581	0.	3.9	[illegible]	41.7	11.4	25.5	70.5	0.8	7.5	27.4	52.6	72.4	88.1	93.9	93.5	95.5	97.5	98.3	97.8	94.2	98.7	98.3	99.2	99.5	97.9	99.1	99.3
6227.6	1.60576	0.	3.9	18.9	41.5	12.1	27.6	65.2	0.9	7.9	28.0	53.6	72.9	87.0	94.0	91.5	94.4	97.5	98.5	98.3	94.3	98.7	98.3	99.2	99.5	97.9	99.3	99.5
6227.8	1.60570	0.	3.5	[illegible]	39.5	11.2	27.4	59.7	1.0	8.1	28.4	53.4	73.3	82.5	92.5	85.5	92.1	95.3	97.9	97.8	94.3	98.5	98.7	99.1	99.5	97.9	99.3	99.7
6228.0	1.60565	0.	2.8	14.9	35.2	9.4	24.9	[illegible]	1.1	8.2	28.5	[illegible]	73.2	76.5	89.2	86.2	89.7	93.2	96.3	97.3	94.3	97.7	98.5	99.2	[illegible]	97.9	[illegible]	[illegible]
6228.2	1.60560	0.	2.1	[illegible]	31.5	7.3	20.6	47.2	1.2	8.2	28.5	52.7	73.1	70.7	89.9	84.5	87.3	90.6	94.3	95.4	94.3	97.0	97.2	[illegible]	98.5	97.9	[illegible]	99.4
6228.4	1.60555	0.	1.5	[illegible]	27.5	5.4	[illegible]	42.6	1.2	8.2	28.2	52.3	73.0	67.5	79.2	84.0	86.1	88.9	92.7	95.4	94.4	95.6	96.1	95.0	[illegible]	97.9	99.4	99.5
6228.6	1.60550	0.	1.1	8.	25.3	3.4	11.9	43.3	1.2	8.0	27.5	[illegible]	72.1	67.5	75.1	84.7	86.5	88.5	92.0	94.7	94.3	95.5	95.8	95.2	[illegible]	97.9	99.3	99.3
6228.8	1.60545	0.	0.9	[illegible]	24.3	2.7	9.5	46.0	1.2	7.6	26.4	51.3	71.3	70.3	[illegible]	86.1	88.3	89.6	92.5	94.6	94.2	95.4	95.8	[illegible]	97.5	97.9	[illegible]	[illegible]
6229.	1.60539	0.	0.8	5.	[illegible]	2.5	[illegible]	45.4	1.2	7.3	25.3	[illegible]	70.5	74.8	[illegible]	[illegible]	89.5	91.8	94.1	94.9	94.0	95.4	96.2	[illegible]	[illegible]	97.9	99.2	[illegible]
6229.2	1.60534	0.	0.7	[illegible]	22.9	2.5	8.7	48.5	1.2	[illegible]	23.9	[illegible]	69.3	70.8	84.6	[illegible]	87.7	93.1	95.7	95.3	93.7	95.9	97.2	[illegible]	[illegible]	97.9	[illegible]	[illegible]
6229.4	1.60529	0.	0.6	[illegible]	21.1	2.5	8.8	44.5	1.1	5.7	22.5	[illegible]	68.0	63.8	85.4	83.5	83.2	91.9	96.2	[illegible]	93.1	94.9	97.3	[illegible]	[illegible]	97.4	[illegible]	99.1
6229.6	1.60524	0.	0.5	5.	18.4	2.2	8.7	35.7	1.1	5.2	21.2	44.4	65.8	56.4	82.	[illegible]	77.5	88.1	93.9	94.7	92.5	93.6	[illegible]	[illegible]	[illegible]	97.7	98.4	[illegible]
6229.8	1.60519	0.	0.4	4.	[illegible]	1.7	8.1	29.7	[illegible]	4.6	[illegible]	[illegible]	65.4	50.7	[illegible]	[illegible]	73.0	83.4	91.2	94.1	92.0	92.2	93.2	[illegible]	[illegible]	97.6	97.9	98.4
6230.0	1.60514	0.	[illegible]	[illegible]	[illegible]	1.2	5.1	[illegible]	[illegible]	[illegible]	18.1	[illegible]	[illegible]	49.0	[illegible]	[illegible]	71.9	80.2	89.3	95.3	91.4	91.1	91.4	93.2	[illegible]	97.4	97.2	97.
6230.2	1.60509	0.	0.2	[illegible]	[illegible]	0.8	4.4	25.4	0.9	3.5	16.5	[illegible]	62.5	54.3	57.2	[illegible]	75.7	80.9	88.7	[illegible]	90.9	90.9	90.9	93.2	[illegible]	97.2	97.1	[illegible]
6230.4	1.60503	0.	0.1	[illegible]	[illegible]	0.7	3.3	27.2	0.8	3.2	15.2	[illegible]	[illegible]	59.1	59.6	[illegible]	79.1	84.3	89.4	[illegible]	90.3	91.3	91.7	[illegible]	[illegible]	97.0	[illegible]	[illegible]
6230.6	1.60498	0.	[illegible]	[illegible]	[illegible]	0.5	2.5	30.9	0.8	2.5	13.9	35.7	59.8	60.2	74.3	80.8	80.6	87.6	91.9	[illegible]	89.7	91.8	93.2	95.	[illegible]	96.8	[illegible]	97.2
6230.8	1.60493	0.	[illegible]	[illegible]	[illegible]	0.4	2.4	30.9	0.7	2.4	12.5	[illegible]	58.4	56.5	79.4	79.9	79.1	[illegible]	93.9	94.9	89.1	91.8	95.1	[illegible]	98.4	96.5	97.1	97.4
6231.0	1.60488	0.	0.	1.	[illegible]	0.2	[illegible]	27.5	0.7	2.1	11.5	32.4	57.0	49.4	75.6	78.0	73.1	87.2	93.4	[illegible]	88.5	90.6	94.5	[illegible]	98.4	96.4	97.1	97.5
6231.2	1.60483	0.	0.	[illegible]	[illegible]	0.2	[illegible]	[illegible]	[illegible]	1.8	10.5	[illegible]	55.7	42.7	[illegible]	75.3	66.4	81.9	[illegible]	[illegible]	88.0	88.6	92.3	[illegible]	97.1	96.1	96.4	97.4
6231.4	1.60478	0.	0.	[illegible]	5.1	0.1	[illegible]	[illegible]	0.5	[illegible]	9.5	[illegible]	54.5	39.2	[illegible]	73.5	63.5	[illegible]	87.2	[illegible]	87.4	87.0	89.4	92.	[illegible]	95.8	[illegible]	[illegible]
6231.6	1.60472	0.	0.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.5	1.3	8.7	[illegible]	52.9	40.5	[illegible]	73.4	64.5	[illegible]	[illegible]	[illegible]	86.3	85.4	87.4	[illegible]	[illegible]	95.5	95.4	[illegible]
6231.8	1.60467	0.	0.	[illegible]	[illegible]	0.	[illegible]	[illegible]	0.5	1.1	[illegible]	[illegible]	51.5	45.5	[illegible]	74.3	68.3	[illegible]	[illegible]	[illegible]	86.2	85.7	87.4	92.	[illegible]	95.2	[illegible]	[illegible]

6232.0	1.60462	0.	0.	[illegible]	[illegible]	0.	[illegible]	13.4	[illegible]	0.	[illegible]	[illegible]	[illegible]	50.3	[illegible]	[illegible]	73.0	[illegible]	[illegible]	[illegible]	85.5	97.7	89.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6232.2	1.60457	0.	0.	[illegible]	[illegible]	0.	0.9	20.2	0.5	[illegible]	6.5	[illegible]	44.7	50.2	[illegible]	[illegible]	74.5	[illegible]	[illegible]	[illegible]	85.0	99.2	91.3	[illegible]	[illegible]	94.5	95.3	[illegible]
6232.4	1.60452	0.	0.	[illegible]	[illegible]	0.	0.9	[illegible]	0.4	0.9	[illegible]	[illegible]	47.3	44.5	[illegible]	[illegible]	71.0	[illegible]	91.8	[illegible]	84.4	97.3	93.1	[illegible]	[illegible]	94.5	95.5	96.4
6232.6	1.60447	0.	0.	[illegible]	[illegible]	0.	0.9	[illegible]	0.4	0.6	5.4	[illegible]	[illegible]	38.2	[illegible]	[illegible]	64.7	93.3	89.7	[illegible]	83.9	95.7	92.0	94.4	[illegible]	94.3	95.3	[illegible]
6232.8	1.60442	0.	0.	[illegible]	[illegible]	0.	0.9	13.5	0.4	[illegible]	[illegible]	[illegible]	44.8	33.5	[illegible]	[illegible]	59.4	79.7	86.2	[illegible]	83.3	93.9	89.5	92.4	[illegible]	94.1	94.6	[illegible]
6233.0	1.60436	0.	0.	[illegible]	1.3	0.	0.7	11.2	0.3	0.6	4.5	[illegible]	43.8	32.9	[illegible]	[illegible]	57.3	75.4	83.3	99.9	82.7	92.8	86.8	91.9	95.1	93.9	93.9	[illegible]
6233.2	1.60431	0.	0.	[illegible]	1.4	0.	0.5	10.7	0.3	0.6	[illegible]	[illegible]	42.9	36.9	54.6	70.2	60.0	72.0	83.5	99.3	82.1	93.3	85.5	91.9	[illegible]	93.7	93.4	94.4
6233.4	1.60426	0.	0.	[illegible]	1.2	0.	0.3	11.5	0.3	0.5	3.7	17.4	41.7	41.3	[illegible]	71.2	65.2	73.9	84.7	99.4	81.5	94.5	86.5	91.9	[illegible]	93.5	93.5	94.4
6233.6	1.60421	0.	0.	[illegible]	1.2	0.	0.2	13.2	0.2	0.5	3.5	15.6	40.7	42.5	51.6	72.0	68.5	77.2	87.7	[illegible]	80.9	95.2	88.5	[illegible]	96.4	93.2	93.7	94.8
6233.8	1.60416	0.	0.	0.	1.2	0.	0.0	13.7	0.2	0.5	3.2	15.8	39.7	40.4	55.3	71.9	67.3	80.5	90.1	99.4	80.5	94.9	91.0	95.2	[illegible]	93.1	94.0	95.3
6234.0	1.60411	0.	0.	0.	1.2	0.	0.	12.4	0.1	0.4	2.9	[illegible]	38.7	35.5	55.9	70.7	63.0	81.9	89.1	99.5	80.0	93.5	91.7	94.3	[illegible]	92.8	93.9	95.4
6234.2	1.60406	0.	0.	0.	1.1	0.	0.	10.3	0.1	0.4	2.7	14.3	37.7	29.8	53.5	69.1	56.0	79.6	86.5	99.3	79.4	91.1	89.2	92.1	[illegible]	92.6	93.3	95.1
6234.4	1.60400	0.	0.	0.	1.1	0.	0.	8.5	0.1	0.3	2.5	13.7	35.8	28.5	59.2	68.2	53.8	73.6	83.7	99.7	78.9	90.1	86.1	[illegible]	[illegible]	92.4	92.5	94.7
6234.6	1.60395	0.	0.	0.	0.9	0.	0.	7.9	0.0	0.2	2.3	13.0	35.9	31.1	[illegible]	68.5	55.5	70.4	82.1	99.3	78.3	[illegible]	84.0	[illegible]	[illegible]	92.2	92.2	93.5
6234.8	1.60390	0.	0.	0.	0.7	0.	0.	8.4	0.0	0.1	2.1	12.5	35.0	34.9	[illegible]	68.9	60.0	70.4	83.0	99.3	77.5	91.8	84.2	[illegible]	[illegible]	92.0	92.2	93.5
6235.0	1.60385	0.	0.	0.	0.7	0.	0.	9.5	0.	0.	1.9	12.0	34.2	37.5	55.3	69.2	64.3	73.8	86.2	99.3	77.2	92.7	86.5	92.6	[illegible]	91.9	92.6	93.8
6235.2	1.60380	0.	0.	0.	0.7	0.	0.	10.2	0.	0.	1.8	11.5	33.4	36.3	51.5	69.2	65.3	79.4	85.4	99.5	76.7	92.8	89.4	94.6	[illegible]	91.5	93.0	94.4
6235.4	1.60375	0.	0.	0.	0.7	0.	0.	9.5	0.	0.	1.7	11.0	32.7	33.1	53.8	68.2	59.8	[illegible]	88.3	99.6	76.2	91.2	90.8	93.7	96.7	91.4	92.7	94.7
6235.6	1.60369	0.	0.	0.	0.7	0.	0.	8.1	0.	0.	1.7	[illegible]	32.0	28.1	51.0	66.9	54.7	77.4	86.0	99.4	75.9	79.5	89.2	92.0	95.5	91.3	92.0	94.0
6235.8	1.60364	0.	0.	0.	0.7	0.	0.	6.7	0.	0.	1.5	11.1	31.3	26.1	55.8	66.0	51.5	72.7	82.3	99.8	75.4	75.5	86.2	90.2	[illegible]	91.2	91.4	93.5
6236.0	1.60359	0.	0.	0.	0.5	0.	0.	6.5	0.	0.	1.5	9.8	30.8	27.9	[illegible]	66.2	52.2	59.0	80.9	98.3	75.0	79.8	83.5	[illegible]	93.5	91.0	91.1	92.9
6236.2	1.60354	0.	0.	0.	0.5	0.	0.	7.2	0.	0.	1.5	9.4	30.3	32.5	49.6	67.3	56.9	55.5	81.5	98.1	74.5	[illegible]	83.3	[illegible]	93.9	90.9	91.1	93.1
6236.4	1.60349	0.	0.	0.	0.5	0.	0.	8.1	0.	0.	1.4	[illegible]	29.8	35.5	53.7	68.2	62.0	72.6	84.5	98.2	74.3	91.1	84.9	91.9	95.3	90.8	91.6	93.4
6236.6	1.60344	0.	0.	0.	0.1	0.	0.	8.5	0.	0.	1.4	8.8	29.3	34.1	59.5	68.4	62.5	77.6	87.4	98.8	74.0	91.2	88.3	91.8	96.3	90.6	92.1	93.9
6236.8	1.60339	0.	0.	0.	0.1	0.	0.	8.1	0.	0.	1.3	8.5	29.9	30.9	52.0	67.4	58.9	79.9	88.4	99.4	73.5	79.8	89.7	94.1	[illegible]	90.4	91.9	94.1
6237.0	1.60333	0.	0.	0.	0.	0.	0.	6.5	0.	0.	1.3	8.2	29.4	27.1	50.6	66.3	53.5	75.7	85.4	99.2	73.3	79.0	88.4	92.1	95.3	90.2	91.3	93.7
6237.2	1.60328	0.	0.	0.	0.	0.	0.	5.3	0.	0.	1.2	8.1	29.0	24.2	55.9	64.9	49.4	72.2	82.1	99.5	72.9	75.8	85.3	89.9	94.1	90.0	90.6	92.9
6237.4	1.60323	0.	0.	0.	0.	0.	0.	5.5	0.	0.	1.2	7.9	27.6	24.1	50.3	64.9	49.5	55.0	80.5	97.8	72.5	77.0	82.7	89.9	93.5	89.9	90.0	92.1
6237.6	1.60318	0.	0.	0.	0.	0.	0.	6.1	0.	0.	1.1	7.7	27.3	28.5	49.4	66.1	53.5	57.3	80.9	97.6	72.3	79.5	82.5	89.7	93.7	89.9	90.3	92.3
6237.8	1.60313	0.	0.	0.	0.	0.	0.	6.9	0.	0.	1.1	7.6	25.9	31.9	50.7	67.3	58.4	70.9	83.3	98.0	72.1	79.6	83.9	91.8	94.7	89.8	90.8	92.9
6238.0	1.60308	0.	0.	0.	0.	0.	0.	7.4	0.	0.	1.1	7.4	26.5	32.5	55.5	67.9	60.2	75.3	87.5	98.5	71.9	79.8	87.4	[illegible]	96.1	89.7	91.1	93.4
6238.2	1.60303	0.	0.	0.	0.	0.	0.	6.5	0.	0.	1.1	7.3	25.1	30.5	59.9	67.5	57.9	77.7	87.9	98.9	71.5	79.8	89.1	93.7	96.4	89.5	91.1	93.5
6238.4	1.60298	0.	0.	0.	0.	0.	0.	5.3	0.	0.	1.0	7.1	25.9	26.9	51.5	66.7	53.3	76.2	85.9	99.0	71.3	77.1	87.3	92.5	95.5	89.5	90.6	93.3
6238.6	1.60292	0.	0.	0.	0.	0.	0.	5.2	0.	0.	1.0	5.9	25.7	24.0	55.6	65.5	49.1	72.0	82.9	98.7	71.1	75.0	84.5	[illegible]	94.1	89.4	90.0	92.5
6238.8	1.60287	0.	0.	0.	0.	0.	0.	5.1	0.	0.	1.0	5.8	25.6	25.0	50.8	65.3	49.5	59.4	81.0	98.4	70.9	75.5	82.3	[illegible]	93.5	89.4	89.8	92.2
6239.0	1.60282	0.	0.	0.	0.	0.	0.	5.5	0.	0.	1.0	5.7	25.4	27.9	49.0	65.7	52.9	57.7	81.0	98.1	70.7	77.7	81.7	[illegible]	[illegible]	89.3	90.1	92.2
6239.2	1.60277	0.	0.	0.	0.	0.	0.	6.2	0.	0.	1.0	5.6	25.2	30.5	50.9	66.4	57.0	70.2	84.1	98.2	70.5	79.8	83.5	91.9	[illegible]	89.2	90.5	92.5
6239.4	1.60272	0.	0.	0.	0.	0.	0.	5.4	0.	0.	1.0	5.6	25.1	31.1	55.6	66.7	59.4	74.8	86.7	98.3	70.4	79.0	86.7	93.4	95.9	89.2	90.7	93.1
6239.6	1.60267	0.	0.	0.	0.	0.	0.	6.1	0.	0.	0.9	5.6	25.0	28.3	59.2	66.2	56.4	77.6	87.3	98.3	70.3	77.7	88.4	93.0	96.1	89.1	90.5	93.3
6239.8	1.60262	0.	0.	0.	0.	0.	0.	5.4	0.	0.	0.9	5.6	24.9	25.0	57.5	65.3	51.2	75.0	85.1	98.3	70.2	75.5	86.9	90.9	95.1	89.1	90.0	92.3
6240.0	1.60256	0.	0.	0.	0.	0.	0.	4.7	0.	0.	0.9	5.5	24.8	23.5	53.2	64.7	48.4	70.9	81.7	98.1	70.2	75.1	83.9	[illegible]	94.1	89.1	89.6	92.2
6240.2	1.60251	0.	0.	0.	0.	0.	0.	4.9	0.	0.	0.9	5.5	24.8	24.5	49.2	64.4	49.3	57.7	80.2	97.8	70.1	75.6	82.3	89.8	93.7	89.1	89.6	91.9
6240.4	1.60246	0.	0.	0.	0.	0.	0.	5.5	0.	0.	0.9	5.5	24.7	27.7	49.1	64.5	53.5	57.2	81.0	97.7	70.1	77.7	82.3	89.9	[illegible]	89.1	90.0	92.1
6240.6	1.60241	0.	0.	0.	0.	0.	0.	6.2	0.	0.	0.9	5.4	24.5	30.5	50.2	65.5	58.1	59.6	83.5	97.5	70.0	75.6	84.3	92.0	[illegible]	89.1	90.4	92.7
6240.8	1.60236	0.	0.	0.	0.	0.	0.	6.2	0.	0.	0.9	5.4	24.5	29.9	55.0	66.1	57.0	74.5	86.2	97.6	70.0	75.1	87.0	93.0	[illegible]	89.1	90.5	92.9
6241.0	1.60231	0.	0.	0.	0.	0.	0.	5.7	0.	0.	0.9	5.4	24.6	27.2	57.5	65.9	53.5	75.9	86.0	97.9	70.0	77.1	87.9	92.5	[illegible]	89.1	90.2	92.3
6241.2	1.60226	0.	0.	0.	0.	0.	0.	5.0	0.	0.	0.9	5.4	24.6	24.3	55.7	65.3	50.1	73.8	83.5	98.2	69.9	75.3	86.0	90.8	95.1	89.0	89.8	92.4
6241.4	1.60220	0.	0.	0.	0.	0.	0.	4.9	0.	0.	0.9	5.4	24.6	23.4	52.1	64.9	48.3	70.1	81.5	98.2	69.9	75.1	83.5	89.2	94.2	89.0	89.6	92.0
6241.6	1.60215	0.	0.	0.	0.	0.	0.	5.3	0.	0.	0.9	5.4	24.6	25.5	49.4	65.1	50.5	57.7	80.9	98.0	69.9	75.9	81.9	89.4	94.0	89.0	89.8	91.9
6241.8	1.60210	0.	0.	0.	0.	0.	0.	5.9	0.	0.	0.9	5.3	24.6	28.7	49.8	65.9	54.3	59.6	82.2	97.9	69.9	75.2	83.3	90.9	94.8	89.0	90.1	92.1
6242.0	1.60205	0.	0.	0.	0.	0.	0.	6.2	0.	0.	0.9	5.3	24.6	29.5	54.4	66.3	57.0	73.2	85.2	99.0	69.9	75.4	86.1	92.7	95.5	89.0	90.5	92.5
6242.2	1.60200	0.	0.	0.	0.	0.	0.	5.9	0.	0.	0.9	5.3	24.7	28.0	57.7	66.1	55.7	75.4	86.4	98.1	70.0	77.8	87.7	92.9	96.4	89.0	90.5	92.3
6242.4	1.60195	0.	0.	0.	0.	0.	0.	5.4	0.	0.	0.9	5.3	24.8	25.5	57.5	65.7	52.2	74.7	85.3	98.2	70.0	77.0	87.0	91.3	95.9	89.1	90.3	92.5
6242.6	1.60190	0.	0.	0.	0.	0.	0.	5.2	0.	0.	0.9	5.3	24.9	23.9	54.1	65.5	49.3	71.6	83.1	98.2	70.1	75.4	84.7	89.7	94.0	89.2	89.8	92.3
6242.8	1.60185	0.	0.	0.	0.	0.	0.	5.5	0.	0.	0.9	5.4	25.2	26.0	50.1	65.4	50.1	59.5	81.4	99.0	70.3	75.9	82.7	89.5	93.5	89.2	90.0	92.0
6243.0	1.60179	0.	0.	0.	0.	0.	0.	6.0	0.	0.	0.9	5.4	25.6	28.7	50.6	65.5	53.9	59.6	81.8	97.8	70.5	77.9	82.9	90.5	93.9	89.2	90.2	92.1
6243.2	1.60174	0.	0.	0.	0.	0.	0.	6.4	0.	0.	0.9	5.5	25.9	30.0	53.3	66.1	56.9	71.9	84.1	97.7	70.9	75.5	84.7	91.7	95.0	89.3	90.4	92.3
6243.4	1.60169	0.	0.	0.	0.	0.	0.	6.4	0.	0.	0.9	5.7	25.2	29.4	55.4	66.0	56.7	75.3	85.7	97.9	71.1	75.4	86.3	92.7	95.5	89.3	90.6	92.9
6243.6	1.60164	0.	0.	0.	0.	0.	0.	6.1	0.	0.	0.9	7.0	25.4	27.1	58.1	65.9	53.5	75.5	85.5	98.2	71.2	77.5	86.9	91.6	95.9	89.5	90.6	93.0
6243.8	1.60159	0.	0.	0.	0.	0.	0.	5.7	0.	0.	0.9	7.2	25.7	25.3	54.7	65.5	50.4	72.6	83.5	98.5	71.4	77.1	85.1	90.0	94.9	89.6	90.5	92.5
6244.0	1.60154	0.	0.	0.	0.	0.	0.	5.3	0.	0.	0.9	7.4	27.0	26.1	51.2	65.4	51.0	59.9	81.8	98.4	71.5	77.6	83.4	89.7	93.9	89.7	90.4	92.5
6244.2	1.60149	0.	0.	0.	0.	0.	0.	6.4	0.	0.	0.9	7.6	27.4	28.2	50.8	65.7	54.2	70.1	81.5	98.2	71.8	75.4	83.0	90.3	94.1	89.8	90.6	92.5
6244.4	1.60143	0.	0.	0.	0.	0.	0.	6.7	0.	0.	0.9	7.9	27.8	29.9	53.1	65.9	57.1	72.2	83.4	98.1	72.1	79.1	84.1	91.6	95.0	89.8	90.8	92.7
6244.6	1.60138	0.	0.	0.	0.	0.	0.	6.3	0.	0.	0.9	8.1	29.2	30.0	55.4	66.0	57.3	74.6	85.4	99.3	72.4	79.2	86.1	92.4	95.5	89.9	91.0	92.9
6244.8	1.60133	0.	0.	0.	0.	0.	0.	6.7	0.	0.	0.9	8.3	29.7	27.9	57.5	66.1	54.3	75.7	85.8	98.4	72.7	75.6	86.9	91.9	95.5	90.0	91.1	93.0
6245.0	1.60128	0.	0.	0.	0.	0.	0.	6.4	0.	0.	0.9	8.5	29.1	26.5	55.0	65.9	52.3	73.0	83.8	99.5	73.0	79.3	85.7	90.6	[illegible]	90.1	90.9	92.9
6245.2	1.60123	0.	0.	0.	0.	0.	0.	6.4	0.	0.	0.9	8.8	29.6	27.5	52.7	66.0	53.0	70.8	82.5	98.5	73.3	79.6	84.1	89.9	[illegible]	90.2	90.9	92.8
6245.4	1.60118	0.	0.	0.	0.	0.	0.	6.9	0.	0.	0.9	9.0	30.1	29.5	52.6	66.2	55.5	70.4	82.5	98.5	73.7	79.1	84.0	90.4	[illegible]	90.3	90.9	92.8
6245.6	1.60113	0.	0.	0.	0.	0.	0.	7.5	0.	0.	0.9	9.2	30.6	30.9	54.7	66.5	58.0	72.1	83.5	99.5	74.0	79.7	84.8	91.5	[illegible]	90.5	91.1	92.9
6245.8	1.60108	0.	0.	0.	0.	0.	0.	7.7	0.	0.	0.9	9.6	31.2	30.7	57.2	66.8	58.4	75.1	85.2	99.5	74.3	90.2	86.3	92.4	95.4	90.6	91.3	93.0
6246.0	1.60102	0.	0.	0.	0.	0.	0.	7.5	0.	0.	1.0	10.1	31.8	29.0	57.3	67.1	55.9	75.2	85.5	98.5	74.6	79.8	86.5	91.9	[illegible]	90.8	91.5	93.2
6246.2	1.60097	0.	0.	0.	0.	0.	0.	7.4	0.	0.	1.1	10.6	32.4	28.9	55.4	67.3	54.2	73.2	84.2	99.5	75.0	79.6	85.8	90.8	94.5	91.0	91.5	93.2
6246.4	1.60092	0.	0.	0.	0.	0.	0.	7.9	0.	0.	1.1	11.0	33.0	30.1	54.1	67.4	55.1	71.6	83.3	99.5	75.3	79.8	84.8	90.4	94.3	91.2	91.5	93.2
6246.6	1.60087	0.	0.	0.	0.	0.	0.	8.5	0.	0.	1.1	11.4	33.6	32.0	54.6	67.5	57.7	71.9	83.3	99.5	75.7	90.3	84.5	91.1	94.4	91.4	91.6	93.2
6246.8	1.60082	0.	0.	0.	0.0	0.	0.	9.0	0.	0.	1.1	11.8	34.2	33.3	57.0	67.8	59.8	74.1	84.5	99.5	76.1	90.9	85.9	92.2	95.2	91.5	91.9	93.5
6247.0	1.60077	0.	0.	0.	0.1	0.	0.	9.2	0.	0.	1.2	12.2	34.8	31.9	59.4	67.9	58.9	75.8	85.5	98.5	76.5	91.4	86.9	92.4	95.7	91.8	92.1	93.4
6247.2	1.60072	0.	0.	0.	0.2	0.	0.	9.2	0.	0.	1.4	12.8	35.5	31.2	57.8	68.2	57.0	73.1	85.3	95.5	76.9	91.1	87.1	91.6	95.7	91.9	92.1	93.5
6247.4	1.60067	0.	0.	0.	0.2	0.	0.	9.4	0.	0.	1.5	13.3	35.2	31.9	55.0	68.5	56.9	73.7	84.4	98.5	77.2	91.1	86.3	90.9	94.8	92.0	92.1	93.5
6247.6	1.60061	0.	0.	0.	[illegible]	0.	0.	10.2	0.	0.	1.3	13.8	37.0	34.0	55.4	68.9	58.9	73.2	83.9	98.8	77.5	91.5	85.5	91.1	94.5	92.2	92.2	93.5
6247.8	1.60056	0.	0.	0.	[illegible]	0.	0.	11.1	0.	0.	1.9	14.4	37.8	36.2	57.9	69.5	61.4	74.6	84.5	99.0	78.1	92.0	86.2	92.1	95.2	92.4	[illegible]	93.7

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
p(atm)		2.50×10^{0}	2.53×10^{0}	2.53×10^{0}	2.50×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.46×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{0}	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}	2.34×10^{-2}	2.34×10^{-2}	2.34×10^{-2}	2.17×10^{-1}	2.17×10^{-1}	2.17×10^{-1}
P_e(atm)		3.29×10^{0}	3.32×10^{0}	3.32×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}	3.00×10^{-1}	1.02×10^{-1}	3.04×10^{-2}	1.30×10^{1}	1.00×10^{0}	2.83×10^{-1}
u (atm cm) STP		2.17×10^{5}	1.10×10^{5}	5.57×10^{4}	2.80×10^{4}	8.71×10^{4}	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	3.30×10^{2}	3.30×10^{2}	3.30×10^{2}
ν (cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
6248.0	1.60051	0.	0.	0.	0.4	0.	0.	11.5	0.	0.	2.0	15.0	39.5	36.2	50.6	70.7	61.7	75.7	86.2	89.3	78.5	82.5	87.3	93.3	95.5	92.5	92.6	93.3
6248.2	1.60046	0.	0.	0.	0.5	0.	0.	11.5	0.	0.	2.3	15.8	39.5	34.5	52.3	71.1	60.5	77.3	87.2	89.6	79.1	82.8	88.2	92.8	95.5	92.9	92.7	94.1
6248.4	1.60041	0.	0.	0.	0.5	0.	0.	11.4	0.	0.	2.5	15.7	40.5	34.7	53.3	71.5	59.7	75.7	86.4	89.9	79.5	82.8	86.9	91.8	95.4	93.0	92.9	94.2
6248.6	1.60036	0.	0.	0.	0.7	0.	0.	12.2	0.	0.	2.9	17.6	41.4	36.2	59.7	71.7	61.5	75.1	85.9	90.1	80.0	82.9	86.5	92.0	95.3	93.2	93.1	94.3
6248.8	1.60031	0.	0.	0.	0.7	0.	0.	13.1	0.	0.	3.3	18.4	42.3	37.9	51.4	71.7	63.3	75.0	86.1	90.1	80.5	83.4	87.3	92.6	95.5	93.3	93.2	94.3
6249.0	1.60026	0.	0.	0.	0.8	0.	0.	13.7	0.	0.	3.5	19.2	43.3	37.9	52.8	71.5	63.5	77.4	86.9	90.3	80.9	83.9	88.5	93.2	95.2	93.5	93.4	94.4
6249.2	1.60020	0.	0.	0.	0.9	0.	0.	13.5	0.	0.	4.0	20.0	44.2	37.0	52.7	71.3	62.5	77.9	87.5	90.3	81.3	84.2	88.3	93.1	95.3	93.6	93.5	94.5
6249.4	1.60015	0.	0.	0.	1.0	0.	0.	13.4	0.	0.1	4.4	20.9	45.3	36.9	51.3	71.2	61.9	77.1	86.9	90.4	81.8	84.3	88.2	92.2	95.4	93.9	93.7	94.5
6249.6	1.60010	0.	0.	0.	1.3	0.	0.	13.4	0.	0.3	4.9	21.6	45.3	38.3	59.9	71.4	63.3	76.2	85.5	90.4	82.3	84.5	87.5	92.3	95.1	93.9	93.8	94.7
6249.8	1.60005	0.	0.	0.	1.6	0.	0.	15.0	0.	0.3	5.3	22.6	47.4	40.2	59.3	71.9	65.2	75.6	86.1	90.3	82.9	85.2	88.0	92.6	95.4	94.1	94.0	94.4
6250.0	1.60000	0.	0.	0.	1.5	0.	0.	15.9	0.	0.3	5.7	24.0	49.8	40.5	52.5	72.3	65.5	79.0	86.3	90.3	83.5	85.6	88.5	93.1	95.9	94.2	94.2	94.9
6250.2	1.59995	0.	0.	0.	1.7	0.	0.	16.1	0.	0.5	6.2	25.2	50.1	40.1	53.6	72.5	65.2	79.7	87.2	90.4	84.1	85.9	89.0	93.3	96.0	94.4	94.3	95.1
6250.4	1.59990	0.	0.	0.0	2.0	0.	0.	16.1	0.0	0.5	6.9	26.5	51.3	40.5	53.5	72.9	65.5	79.3	87.3	90.5	84.7	86.1	89.0	92.8	95.9	94.5	94.4	95.2
6250.6	1.59985	0.	0.	0.1	2.2	0.	0.	16.4	0.2	0.6	7.5	27.7	52.4	41.9	53.3	73.2	66.3	79.1	87.2	90.6	85.1	86.3	89.5	92.6	95.9	94.7	94.6	95.3
6250.8	1.59980	0.	0.	0.1	2.4	0.	0.0	17.5	0.3	0.7	8.3	28.9	53.4	43.1	53.7	73.3	67.9	79.6	87.4	90.9	85.5	86.7	90.1	93.1	95.9	94.9	94.7	95.4
6251.0	1.59974	0.	0.	0.2	2.4	0.	0.2	18.4	0.3	0.8	9.1	30.1	54.6	43.9	54.5	74.4	68.5	79.4	87.5	91.0	85.9	87.3	90.3	93.5	96.0	95.1	94.9	95.5
6251.2	1.59969	0.	0.	0.2	3.1	0.	0.3	19.1	0.4	0.9	9.9	31.4	56.0	44.5	55.2	74.9	68.3	79.9	88.3	91.1	86.4	87.8	90.2	93.5	96.1	95.3	95.1	95.5
6251.4	1.59964	0.	0.	0.2	3.4	0.	0.4	20.0	0.5	1.1	10.7	32.6	57.3	45.3	55.7	75.3	69.5	79.4	88.3	91.2	86.9	88.0	90.1	93.3	96.0	95.4	95.3	95.7
6251.6	1.59959	0.	0.	0.3	3.5	0.	0.6	21.5	0.5	1.2	11.5	33.9	58.4	47.5	55.8	75.7	70.9	80.0	88.5	91.2	87.4	88.3	90.5	93.4	96.0	95.6	95.2	95.8
6251.8	1.59954	0.	0.	0.4	4.0	0.0	0.9	23.2	0.5	1.5	12.5	35.2	59.5	48.5	57.6	76.1	71.5	82.8	89.1	91.3	87.8	88.6	91.2	93.6	96.0	95.8	95.7	95.9
6252.0	1.59949	0.	0.	0.5	5.0	0.1	1.0	24.4	0.5	1.7	13.3	35.4	60.5	48.7	59.4	76.5	72.0	81.4	89.0	91.5	88.3	89.0	91.4	94.0	96.0	96.0	95.8	96.1
6252.2	1.59944	0.	0.	0.6	5.5	0.1	1.2	24.5	0.5	2.1	14.5	37.9	61.6	49.7	59.5	77.0	72.7	81.3	88.9	91.7	88.7	89.3	91.5	93.8	96.1	96.2	96.0	96.2
6252.4	1.59939	0.	0.	0.8	6.2	0.1	1.5	25.7	0.5	2.6	15.9	39.4	62.7	51.5	59.9	77.3	73.9	81.4	88.9	92.0	89.2	89.8	91.4	93.5	96.1	96.4	96.1	96.3
6252.6	1.59933	0.	0.	1.0	6.5	0.2	1.9	27.4	0.5	3.1	17.1	40.9	63.9	53.1	70.0	77.5	75.2	82.0	89.0	92.1	89.7	90.2	91.7	94.3	96.2	96.6	96.1	96.4
6252.8	1.59928	0.	0.	1.1	7.0	0.2	2.2	28.7	0.5	3.6	18.4	42.6	65.3	53.5	71.1	77.9	75.5	82.8	89.5	92.1	90.2	90.6	92.0	94.8	96.3	96.8	96.2	96.5
6253.0	1.59923	0.	0.	1.1	8.0	0.2	2.4	29.3	0.7	4.1	19.7	44.2	66.7	53.3	71.0	78.2	76.1	83.7	90.0	92.2	90.5	90.9	92.2	94.6	96.5	96.9	96.4	96.7
6253.2	1.59918	0.	0.	1.2	9.0	0.3	2.7	29.5	0.9	4.6	21.0	45.9	68.0	54.2	70.7	78.7	76.7	83.2	90.1	92.4	91.0	91.2	92.3	94.7	96.5	97.0	96.5	96.9
6253.4	1.59913	0.	0.	1.5	10.0	0.3	3.0	30.2	1.1	5.2	22.5	47.5	69.1	56.0	71.1	79.1	77.7	83.5	90.0	92.5	91.3	91.5	92.5	94.7	96.7	97.1	96.7	97.0
6253.6	1.59908	0.	0.	1.8	10.5	0.4	3.3	31.5	1.3	5.9	23.9	49.0	70.2	56.9	72.5	79.5	78.9	84.1	89.9	92.5	91.6	91.9	92.3	94.9	96.7	97.1	96.8	97.1
6253.8	1.59903	0.	0.	2.2	11.5	0.4	3.7	33.2	1.8	6.7	25.5	50.7	71.4	57.2	73.4	79.9	79.3	84.8	90.3	92.6	92.0	92.3	93.2	95.1	96.7	97.2	97.0	97.2
6254.0	1.59898	0.	0.	2.6	13.0	0.5	3.6	33.5	2.2	7.7	27.5	52.5	72.6	58.0	73.8	80.3	79.4	85.2	90.9	92.7	92.3	92.6	93.4	95.0	97.0	97.3	97.2	97.3
6254.2	1.59893	0.	0.0	2.9	13.9	0.7	3.9	33.8	2.7	8.8	29.7	54.3	73.8	59.5	73.6	80.7	80.0	85.3	91.3	92.9	92.6	92.9	93.7	95.1	97.1	97.4	97.3	97.4
6254.4	1.59887	0.	0.2	3.5	15.0	0.8	3.9	34.5	3.0	9.9	31.5	56.0	75.0	61.4	73.7	81.2	81.3	85.4	91.1	93.0	92.9	93.2	93.9	95.4	97.1	97.5	97.4	97.5
6254.6	1.59882	0.	0.3	4.1	16.5	1.0	4.1	36.1	3.5	11.1	33.2	57.7	76.1	62.4	75.1	81.5	82.3	85.0	90.8	93.1	93.2	93.5	94.0	95.7	97.1	97.6	97.5	97.7
6254.8	1.59877	0.	0.5	4.6	18.0	1.1	4.3	38.1	4.3	12.4	35.0	59.4	77.3	63.5	75.2	82.0	82.9	87.0	91.2	93.2	93.5	93.9	94.3	95.7	97.1	97.8	97.7	97.8
6255.0	1.59872	0.	0.3	5.7	19.5	1.3	4.9	39.5	5.0	13.9	36.9	61.0	78.3	65.3	75.4	82.4	83.3	87.3	91.9	93.3	93.8	94.2	94.5	95.8	97.3	98.0	97.9	98.0
6255.2	1.59867	0.	0.9	6.8	21.1	1.5	5.6	41.3	5.6	15.5	38.9	62.0	79.3	66.5	77.3	82.5	85.0	87.5	91.9	93.4	94.1	94.5	94.9	95.9	97.4	98.1	98.0	98.1
6255.4	1.59862	0.	1.0	7.6	22.9	2.1	7.4	44.0	6.5	15.9	40.9	64.3	80.4	67.4	79.2	83.2	85.5	88.1	91.9	93.5	94.4	94.8	95.0	96.1	97.5	98.1	98.1	98.1
6255.6	1.59857	0.	1.3	8.7	24.9	2.5	8.5	45.5	7.4	18.0	42.5	65.8	81.3	68.5	79.0	83.5	86.1	88.6	92.0	93.7	94.7	95.1	95.4	96.1	97.5	98.2	98.2	98.2
6255.8	1.59852	0.	1.5	9.4	26.3	3.2	9.9	46.9	8.5	19.9	44.4	67.3	82.3	70.2	79.1	84.0	86.9	88.9	92.2	94.0	95.0	95.4	95.7	96.3	97.7	98.3	98.3	98.3
6256.0	1.59847	0.1	1.9	11.1	28.7	3.8	11.2	48.4	9.9	21.9	46.3	69.6	83.2	71.5	79.8	84.4	87.5	89.5	92.5	94.0	95.3	95.7	95.9	96.4	97.9	98.5	98.4	98.3
6256.2	1.59841	0.4	2.2	12.3	30.7	4.5	11.8	50.1	11.1	24.0	48.5	70.3	84.1	72.0	80.7	84.9	88.1	90.1	92.9	94.2	95.5	95.9	96.1	96.6	98.1	98.5	98.5	98.4
6256.4	1.59836	0.4	2.5	13.3	33.0	5.0	13.1	51.2	12.3	25.1	50.8	71.8	84.9	73.0	80.7	85.3	88.9	90.3	93.2	94.3	95.8	96.1	96.2	96.8	98.1	98.5	98.6	98.5
6256.6	1.59831	0.5	3.0	14.7	34.5	5.5	13.7	51.8	13.6	28.0	52.7	73.0	85.6	74.8	80.7	85.7	89.7	90.5	93.4	94.5	96.0	96.3	96.4	97.0	98.2	98.7	98.6	98.5
6256.8	1.59826	0.5	3.6	15.	36.0	6.0	14.1	53.2	15.1	30.0	54.5	74.3	86.3	75.9	81.4	86.1	90.2	90.8	93.5	94.6	96.2	96.5	96.5	97.1	98.2	98.7	98.7	98.7
6257.0	1.59821	0.7	4.4	17.9	37.	6.7	14.4	54.9	16.6	32.1	56.4	75.5	86.9	76.5	82.	86.5	90.5	91.2	93.5	94.8	96.4	96.8	96.7	97.2	98.3	98.8	98.8	98.8
6257.2	1.59816	0.7	5.2	19.4	40.1	7.3	14.7	56.5	18.1	34.0	58.1	76.7	87.6	77.2	83.	86.9	90.9	91.7	93.7	94.9	96.5	97.1	96.9	97.4	98.3	98.9	98.9	98.9
6257.4	1.59811	0.7	6.2	21.3	42.	8.3	15.3	57.8	19.3	35.6	59.7	77.6	88.3	78.5	83.4	87.3	91.5	92.	94.1	95.0	96.8	97.3	97.1	97.6	98.3	99.0	99.0	99.0
6257.6	1.59806	0.9	7.3	23.3	44.	9.5	15.9	59.3	21.4	37.2	61.3	78.9	89.0	79.3	83.	87.7	92.0	92.2	94.1	95.2	96.9	97.5	97.2	97.7	98.3	99.1	99.0	99.0
6257.8	1.59801	1.0	8.8	25.5	46.	10.7	18.1	61.0	23.0	38.8	62.9	80.0	89.7	80.9	84.	88.0	92.5	92.7	94.4	95.	97.0	97.7	97.3	97.8	98.5	99.2	99.1	99.1
6258.0	1.59795	1.2	10.3	27.4	48.	11.9	19.3	62.3	24.7	40.9	64.5	81.0	90.1	82.0	85.2	88.4	93.0	93.1	94.5	95.	97.1	97.9	97.4	97.9	98.5	99.3	99.2	99.2
6258.2	1.59790	1.7	11.8	30.1	51.	13.3	21.3	64.3	26.3	43.1	66.1	81.9	90.5	83.0	85.8	88.9	93.4	93.4	94.9	95.	97.3	98.0	97.5	98.1	98.5	99.3	99.2	99.2
6258.4	1.59785	2.2	13.0	32.	53.	15.0	22.	66.7	27.9	45.3	67.7	82.6	90.9	83.5	85.6	89.1	93.9	93.8	95.1	96.	97.4	98.1	97.8	98.2	98.7	99.3	99.3	99.3
6258.6	1.59780	2.4	14.5	34.5	55.	17.3	24.7	68.5	29.7	47.4	69.2	83.7	91.4	84.4	87.	89.4	94.2	94.1	95.2	96.	97.5	98.2	98.0	98.3	98.7	99.4	99.4	99.4
6258.8	1.59775	2.5	16.1	35.7	57.2	20.3	27.	70.0	31.6	49.5	70.5	84.5	91.9	85.4	87.2	89.4	94.4	94.3	95.4	96.4	97.7	98.3	98.1	98.4	98.5	99.4	99.5	99.5
6259.0	1.59770	3.1	17.5	38.	59.	21.9	29.	71.1	33.4	51.6	72.0	85.5	92.4	86.1	87.4	90.1	94.5	94.5	95.5	[illegible]	97.8	98.5	98.2	98.5	98.9	99.4	99.5	99.5
6259.2	1.59765	3.7	19.1	41.	61.	22.9	31.	72.7	35.3	53.6	73.3	86.1	92.9	87.2	88.	90.5	94.9	95.	95.5	[illegible]	98.0	98.6	98.3	98.5	99.0	99.5	99.5	99.6
6259.4	1.59760	4.3	21.3	43.2	63.	25.0	31.	73.9	37.0	55.4	74.4	86.9	93.3	88.	89.1	90.4	95.3	95.4	95.8	[illegible]	98.2	98.7	98.4	98.5	99.0	99.5	99.6	99.7
6259.6	1.59755	5.1	23.9	45.	64.	27.4	33.	75.1	38.7	57.2	75.5	87.	93.7	89.5	89.6	91.3	95.6	95.5	96.1	[illegible]	98.3	98.8	98.5	98.	99.1	99.5	99.6	99.7
6259.8	1.59750	6.	26.5	48.	66.5	29.7	34.	76.	40.4	59.	76.7	88.4	94.0	89.2	89.9	91.	95.7	95.7	96.4	[illegible]	98.4	98.9	98.7	98.7	99.1	99.5	99.6	99.8
6260.0	1.59744	7.	28.7	50.	68.	31.4	35.	77.7	42.5	60.6	77.7	88.9	94.3	89.9	90.3	92.2	95.9	95.9	96.5	[illegible]	98.5	99.0	98.7	98.	99.1	99.7	99.6	99.8
6260.2	1.59739	8.5	31.1	52.	70.	33.1	36.	79.5	44.5	62.1	78.3	89.4	94.6	90.4	90.9	92.5	96.1	96.2	96.	[illegible]	98.5	99.0	98.3	98.4	99.2	99.7	99.6	99.8
6260.4	1.59734	10.3	33.3	54.	72.	35.5	39.	80.5	46.5	63.7	79.9	89.6	94.9	90.9	91.6	93.0	96.3	96.4	97.	[illegible]	98.6	99.1	98.9	99.	99.3	99.7	99.7	99.9
6260.6	1.59729	11.8	35.3	55.	73.	38.4	41.	81.5	48.3	65.1	80.9	90.5	95.2	91.2	92.1	93.3	96.5	96.7	97.2	[illegible]	98.7	99.2	99.	99.	99.4	99.7	99.7	100.0
6260.8	1.59724	12.	37.3	58.	75.	41.0	43.1	82.5	50.	66.	81.4	90.8	95.5	91.8	92.6	93.	96.9	97.	97.3	[illegible]	98.8	99.2	99.	99.	99.5	99.7	99.	100.

6261.0	1.59719	13.9	[illegible]	[illegible]	[illegible]	42.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.8	92.3	[illegible]	[illegible]	96.5	97.1	97.4	[illegible]	98.9	99.3	99.1	99.1	[illegible]	99.8	99.7	100.0
6261.2	1.59714	15.4	[illegible]	[illegible]	[illegible]	44.3	[illegible]	[illegible]	53.4	[illegible]	[illegible]	[illegible]	96.0	92.7	[illegible]	94.5	97.1	97.3	97.5	[illegible]	99.0	99.4	99.1	99.2	[illegible]	99.8	[illegible]	100.0
6261.4	1.59709	17.1	[illegible]	54.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.2	96.3	93.1	[illegible]	[illegible]	97.5	97.4	97.5	98.2	99.1	99.4	99.1	99.2	[illegible]	99.8	99.8	100.0
6261.6	1.59704	19.0	[illegible]	[illegible]	[illegible]	48.9	[illegible]	86.1	[illegible]	[illegible]	[illegible]	[illegible]	96.5	93.5	[illegible]	[illegible]	97.4	97.6	97.7	98.3	99.3	99.5	99.2	99.3	[illegible]	99.8	99.8	100.0
6261.8	1.59698	21.3	[illegible]	55.8	[illegible]	51.3	[illegible]	86.9	[illegible]	[illegible]	[illegible]	[illegible]	96.7	93.9	[illegible]	95.3	97.3	97.7	97.8	98.4	99.4	99.5	99.2	99.3	[illegible]	99.8	99.8	100.0
6262.0	1.59693	23.4	[illegible]	59.0	82.2	53.9	[illegible]	87.5	59.9	74.5	86.8	93.4	96.9	94.2	[illegible]	95.5	97.7	[illegible]	98.0	98.5	99.5	99.6	99.2	99.3	99.7	99.8	99.8	100.0
6262.2	1.59688	25.3	52.7	[illegible]	[illegible]	55.7	55.6	88.5	61.1	75.7	[illegible]	[illegible]	97.1	94.5	[illegible]	95.9	98.1	97.9	98.1	98.7	99.7	99.6	99.3	99.4	99.7	99.8	99.8	100.0
6262.4	1.59683	27.0	54.5	71.5	83.7	57.5	57.6	89.2	62.4	76.9	87.6	94.1	97.2	95.0	95.5	96.2	98.1	98.1	98.3	98.9	99.7	99.6	99.3	99.5	100.0	99.8	99.9	100.0
6262.6	1.59678	28.7	56.3	73.3	84.5	59.5	[illegible]	89.3	63.7	[illegible]	88.1	94.4	97.3	95.1	95.8	96.4	98.3	98.1	98.4	99.0	99.8	99.7	99.3	99.5	100.0	99.8	99.9	100.0
6262.8	1.59673	30.5	57.8	74.5	85.4	61.5	[illegible]	90.3	[illegible]	[illegible]	88.6	[illegible]	97.5	95.2	95.1	96.7	98.4	98.3	98.5	99.0	99.8	99.7	99.4	99.5	100.0	99.9	99.9	100.0
6263.0	1.59668	32.1	[illegible]	[illegible]	86.1	63.1	63.6	90.3	66.3	[illegible]	[illegible]	94.9	97.6	95.4	95.2	[illegible]	98.5	98.4	98.7	99.1	99.9	99.7	99.4	99.6	100.0	99.9	99.9	100.0
6263.2	1.59663	33.9	60.5	75.4	86.5	64.3	[illegible]	91.3	67.3	80.0	89.5	95.1	97.7	95.7	96.3	96.9	98.6	98.5	98.8	99.1	99.9	99.7	99.4	99.7	100.0	99.9	100.0	100.0
6263.4	1.59658	35.5	61.9	77.4	87.3	65.5	65.7	91.7	68.3	80.7	89.9	95.2	97.8	95.9	96.4	97.0	98.7	98.6	98.8	99.2	99.9	99.7	99.5	99.7	100.0	99.9	100.0	100.0
6263.6	1.59653	37.7	62.9	[illegible]	88.1	66.9	67.9	92.1	69.3	[illegible]	90.2	95.3	97.9	96.0	96.5	97.1	98.7	98.7	98.9	99.2	99.9	99.8	99.5	99.7	100.0	99.9	100.0	100.0
6263.8	1.59647	39.1	63.9	[illegible]	88.5	68.3	68.9	92.5	70.1	81.9	90.5	95.5	97.9	96.2	96.7	97.3	98.7	98.8	98.9	99.2	99.9	99.8	99.5	99.7	100.0	99.9	100.0	100.0
6264.0	1.59642	40.1	65.2	79.4	88.9	69.5	69.8	92.8	70.9	82.5	91.0	95.7	98.0	96.5	97.0	97.4	98.7	98.9	98.9	99.3	99.9	99.8	99.5	99.8	100.0	99.9	100.0	100.0
6264.2	1.59637	41.4	67.0	80.2	89.2	70.5	70.9	93.0	71.5	83.1	91.3	95.9	98.1	96.9	97.4	97.5	98.7	98.7	99.0	99.3	99.9	99.8	99.5	99.9	100.0	99.9	100.0	100.0
6264.4	1.59632	43.1	68.0	[illegible]	89.5	71.3	71.9	93.3	72.3	83.6	91.7	96.0	98.2	97.1	97.4	97.8	98.9	98.8	99.0	99.3	99.9	99.8	99.5	99.9	100.0	99.9	100.0	100.0
6264.6	1.59627	44.5	69.1	81.7	90.0	72.1	72.6	93.5	73.0	84.1	91.9	96.1	98.3	97.2	97.4	98.0	98.9	98.8	99.0	99.4	99.9	99.9	99.7	99.9	100.0	99.9	100.0	100.0
6264.8	1.59622	46.1	70.2	82.5	90.5	73.1	73.6	93.8	73.7	84.5	92.2	96.2	98.4	97.3	97.5	98.1	98.9	98.9	99.1	99.4	99.9	99.9	99.7	99.9	100.0	100.0	100.0	100.0
6265.0	1.59617	47.7	71.0	82.9	[illegible]	74.1	74.8	94.1	74.4	85.0	92.4	96.3	98.5	97.1	97.8	98.2	99.0	99.0	99.1	99.4	99.9	99.9	99.7	100.0	100.0	100.0	100.0	100.0
6265.2	1.59612	49.3	71.5	83.4	91.3	75.2	75.9	94.4	75.1	85.4	92.5	96.4	98.5	97.1	99.1	98.3	99.0	99.0	99.1	99.4	99.9	99.9	99.8	100.0	100.0	100.0	100.0	100.0
6265.4	1.59607	50.3	72.1	83.9	91.5	76.1	77.0	94.8	[illegible]	85.8	92.8	96.5	98.6	97.1	99.1	98.4	99.1	99.1	99.2	99.5	99.9	99.9	99.8	100.0	100.0	100.0	100.0	100.0
6265.6	1.59602	51.4	72.5	84.6	91.9	76.9	77.8	95.0	76.3	86.2	93.0	96.7	98.6	97.3	99.1	98.4	99.1	99.1	99.3	99.5	99.9	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6265.8	1.59597	52.2	73.0	84.9	92.1	77.5	78.4	95.1	76.9	86.5	93.1	96.8	98.6	97.5	99.0	98.5	99.1	99.1	99.3	99.5	99.9	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6266.0	1.59591	52.9	73.3	85.1	92.2	77.9	79.8	95.2	77.3	86.8	93.3	96.9	98.7	97.5	99.1	98.5	99.1	99.1	99.4	99.6	99.9	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6266.2	1.59586	53.4	73.9	85.4	92.3	78.2	79.1	95.2	77.9	87.1	93.5	97.0	98.7	97.5	99.2	98.5	99.0	99.1	99.4	99.6	99.9	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6266.4	1.59581	54.1	74.3	85.5	92.5	78.5	79.3	95.2	78.2	87.4	93.7	97.1	98.7	97.5	99.2	98.5	98.9	99.1	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6266.6	1.59576	54.7	75.0	86.0	92.8	78.9	79.7	95.4	78.5	87.6	93.9	97.2	98.8	97.5	99.3	98.7	98.9	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6266.8	1.59571	55.3	75.8	86.3	92.9	79.1	79.9	95.3	79.0	87.8	94.1	97.3	98.9	97.4	99.4	98.7	98.9	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6267.0	1.59566	56.5	76.4	85.6	93.1	79.3	80.1	95.3	79.4	88.1	94.2	97.3	98.9	97.5	99.4	98.3	98.9	99.1	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6267.2	1.59561	57.5	77.2	87.1	93.2	80.0	80.5	96.0	79.8	88.3	94.3	97.4	99.0	97.9	99.5	98.9	99.0	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6267.4	1.59556	58.3	77.9	87.5	93.4	81.1	81.2	96.1	80.2	88.5	94.4	97.4	99.0	98.1	99.6	98.9	99.0	99.1	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6267.6	1.59551	60.0	78.1	87.8	93.7	81.9	82.2	96.3	80.5	88.7	94.5	97.5	99.1	98.1	99.7	98.9	99.1	99.1	99.3	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6267.8	1.59546	60.2	78.5	88.2	93.9	82.3	82.8	96.5	81.0	88.9	94.5	97.6	99.2	98.1	99.7	98.9	99.1	99.2	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6268.0	1.59541	60.9	78.7	88.4	94.0	82.5	83.1	96.5	81.3	89.1	94.7	97.6	99.2	98.2	99.7	98.9	99.2	99.3	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6268.2	1.59535	61.5	78.9	88.4	94.0	83.1	83.3	96.5	81.7	89.3	94.9	97.7	99.3	98.2	99.8	98.9	99.3	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6268.4	1.59530	62.2	79.1	88.5	94.1	83.3	83.4	96.5	82.0	89.6	95.0	97.7	99.3	98.3	99.9	98.9	99.3	99.5	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6268.6	1.59525	62.5	79.3	88.6	94.1	83.3	83.5	96.5	82.3	89.6	95.1	97.8	99.3	98.3	99.9	98.9	99.4	99.4	99.5	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6268.8	1.59520	62.5	79.7	88.8	94.1	83.1	83.7	96.5	82.5	90.0	95.2	97.9	99.3	98.3	99.8	98.9	99.4	99.5	99.5	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6269.0	1.59515	62.9	80.2	88.9	94.2	82.9	[illegible]	96.7	82.4	90.2	95.3	97.9	99.3	98.3	99.7	99.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6269.2	1.59510	63.2	80.9	89.0	94.3	83.1	83.8	96.9	83.0	90.3	95.4	97.9	99.3	98.2	99.6	99.1	99.3	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6269.4	1.59505	63.9	81.5	89.3	94.4	83.5	84.0	97.1	83.2	90.4	95.5	98.0	99.3	98.1	99.7	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6269.6	1.59500	65.2	82.1	89.6	94.5	84.1	84.2	97.3	83.4	90.5	95.5	98.0	99.3	98.2	99.8	99.1	99.5	99.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6269.8	1.59495	66.2	82.5	90.0	94.7	84.7	84.7	97.4	83.5	90.8	95.7	98.1	99.3	98.4	99.0	99.1	99.4	99.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6270.0	1.59490	67.1	82.9	90.5	94.9	85.3	85.5	97.4	83.9	91.0	95.8	98.1	99.3	98.6	99.2	99.1	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6270.2	1.59485	67.9	83.0	90.8	95.2	85.5	85.7	97.5	84.1	91.2	95.9	98.2	99.3	98.5	99.2	99.1	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6270.4	1.59479	68.3	83.0	90.9	95.3	86.2	87.4	97.7	84.3	91.3	96.1	98.2	99.3	98.5	99.2	99.1	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6270.6	1.59474	68.4	82.9	90.9	95.3	86.4	87.7	97.8	84.5	91.4	96.0	98.3	99.4	98.4	99.2	99.1	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6270.8	1.59469	68.4	82.7	91.0	95.4	86.3	87.7	97.8	84.3	91.5	96.1	98.3	99.4	98.2	99.2	99.1	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6271.0	1.59464	68.2	82.8	91.0	95.4	86.1	87.3	97.9	85.0	91.5	96.1	98.3	99.4	98.1	99.3	99.2	99.3	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6271.2	1.59459	67.7	83.1	91.0	95.4	85.9	87.0	97.7	85.2	91.6	96.1	98.4	99.5	98.1	99.1	99.2	99.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6271.4	1.59454	68.0	83.5	91.0	95.4	85.7	86.8	97.7	85.3	91.6	96.1	98.4	99.5	98.1	99.0	99.2	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6271.6	1.59449	68.5	84.4	91.2	95.4	85.5	86.9	97.8	85.5	91.7	96.1	98.4	99.5	98.1	98.9	99.3	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6271.8	1.59444	69.7	85.2	91.4	95.5	85.9	87.1	98.0	85.7	91.8	96.2	98.4	99.5	98.2	99.0	99.3	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6272.0	1.59439	71.2	85.3	91.7	95.9	86.3	87.3	98.2	85.9	91.9	96.3	98.5	99.6	98.3	99.1	99.3	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6272.2	1.59434	72.4	85.9	92.0	96.0	87.2	88.2	98.4	86.1	92.0	96.3	98.5	99.6	98.4	99.2	99.4	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6272.4	1.59429	73.4	86.0	92.3	96.1	88.0	89.3	98.7	86.2	92.1	96.3	98.5	99.6	98.5	99.3	99.3	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6272.6	1.59424	73.9	85.9	92.4	96.1	88.5	90.1	98.8	86.4	92.1	96.4	98.5	99.6	98.7	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6272.8	1.59418	73.5	85.5	92.4	96.1	88.5	90.2	98.9	86.3	92.2	96.4	98.5	99.6	98.7	99.6	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6273.0	1.59413	72.9	85.1	92.4	96.2	88.3	90.0	98.7	86.5	92.2	96.4	98.6	99.6	98.7	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6273.2	1.59409	72.1	84.9	92.3	96.2	88.0	89.5	98.5	86.8	92.3	96.5	98.6	99.6	98.7	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6273.4	1.59403	71.4	84.8	92.0	96.1	87.5	89.9	98.5	87.0	92.3	96.5	98.6	99.6	96.7	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6273.6	1.59398	71.0	85.1	91.9	96.0	87.2	89.5	98.5	87.0	92.3	96.5	98.6	99.6	98.7	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6273.8	1.59393	71.2	85.5	92.0	96.0	86.9	89.1	98.5	87.1	92.4	96.5	98.7	99.6	98.7	99.2	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6274.0	1.59388	71.8	86.7	92.1	96.0	87.0	87.9	98.5	87.2	92.5	96.7	98.7	99.6	98.7	99.1	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6274.2	1.59383	72.9	87.5	92.7	96.1	87.4	88.2	98.8	87.2	92.5	96.7	98.7	99.6	98.7	99.1	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6274.4	1.59378	74.5	87.8	93.0	96.3	88.1	89.0	99.1	87.3	92.6	96.8	98.7	99.6	98.7	99.2	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6274.6	1.59373	76.2	87.9	93.3	96.4	88.9	89.9	99.2	87.3	92.6	96.9	98.8	99.7	98.8	99.4	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6274.8	1.59368	76.9	87.5	93.5	96.5	89.8	90.8	99.3	87.4	92.7	97.0	98.8	99.7	98.9	99.5	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6275.0	1.59363	76.9	87.0	93.6	96.5	89.8	91.4	99.2	87.5	92.8	97.0	98.8	99.7	98.9	99.6	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6275.2	1.59357	76.1	86.1	93.3	96.5	89.7	91.5	98.9	87.5	92.8	97.0	98.8	99.7	98.5	99.6	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6275.4	1.59352	75.0	85.4	92.9	96.5	89.3	90.9	98.5	87.7	92.9	97.0	98.8	99.7	98.7	99.6	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6275.6	1.59347	73.5	85.2	92.5	96.4	88.7	89.8	98.4	87.9	92.9	97.0	98.9	99.7	98.5	99.6	99.7	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6275.8	1.59342	72.3	85.3	92.3	96.3	87.8	89.9	98.4	87.9	93.0	97.0	98.9	99.7	98.4	99.5	99.7	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6276.0	1.59337	71.9	86.1	92.3	96.2	87.2	88.4	98.5	88.0	93.0	97.0	98.9	99.7	98.3	99.2	99.7	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6276.2	1.59332	72.2	87.3	92.5	96.3	86.3	89.1	98.5	88.0	93.0	97.0	98.9	99.7	98.3	98.9	99.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6276.4	1.59327	73.1	88.2	92.9	96.4	86.5	89.5	99.0	88.1	93.1	97.0	98.9	99.7	98.5	99.0	99.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6276.6	1.59322	75.5	89.0	93.4	96.5	87.1	89.1	99.3	88.1	93.2	97.0	98.9	99.7	98.5	99.2	99.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6276.8	1.59317	77.2	89.2	93.8	96.3	88.9	91.4	99.4	88.1	93.2	97.0	98.9	99.7	98.5	99.3	99.7	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
p(atm)		2.50×10^{0}	2.33×10^{0}	2.33×10^{0}	2.50×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.46×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{0}	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}	2.34×10^{-2}	2.34×10^{-2}	2.34×10^{-2}	2.17×10^{-1}	2.17×10^{-1}	2.17×10^{-1}
P_e(atm)		3.29×10^{0}	3.32×10^{0}	3.32×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}	3.00×10^{-1}	1.02×10^{-1}	3.04×10^{-2}	1.30×10^{1}	1.00×10^{0}	2.83×10^{-1}
u (atm cm) STP		2.17×10^{5}	1.10×10^{5}	5.57×10^{4}	2.80×10^{4}	8.71×10^{4}	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	3.30×10^{2}	3.30×10^{2}	3.30×10^{2}
ν (cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
6277.0	1.59312	78.3	88.5	94.0	97.2	90.0	91.4	99.5	88.1	93.2	97.0	94.9	99.7	98.9	99.4	99.7	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6277.2	1.59307	79.1	87.9	94.1	97.2	90.5	92.2	99.4	88.1	93.5	97.0	94.9	99.7	98.9	99.5	99.7	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6277.4	1.59302	79.1	86.7	94.0	97.2	91.3	92.9	98.9	88.1	93.5	97.0	94.9	99.7	99.0	99.6	99.8	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6277.6	1.59297	76.5	85.7	93.4	97.0	91.0	92.2	98.5	88.2	93.3	97.0	94.9	99.7	99.0	99.6	99.9	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6277.8	1.59291	74.7	85.1	92.8	96.7	90.4	91.9	98.1	88.2	93.3	97.0	94.9	99.7	99.1	99.6	99.9	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6278.0	1.59286	73.5	85.1	92.4	96.4	89.6	88.6	97.9	88.3	93.3	97.0	94.9	99.7	99.0	99.7	99.9	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6278.2	1.59281	71.8	85.3	92.2	96.3	88.5	88.4	97.2	88.3	93.3	97.0	94.9	99.7	98.9	99.4	99.3	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6278.4	1.59276	71.1	86.5	92.1	96.2	87.4	87.5	97.9	88.3	93.3	97.0	94.9	99.7	98.5	99.2	99.3	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6278.6	1.59271	72.7	88.1	92.4	96.3	86.8	87.7	98.3	88.3	93.3	97.0	94.9	99.7	98.4	99.0	99.9	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6278.8	1.59266	75.3	89.3	93.1	96.5	86.9	88.5	98.7	88.3	93.3	97.0	94.9	99.7	98.4	98.9	99.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6279.0	1.59261	77.8	89.9	93.8	97.0	87.8	93.0	99.0	88.3	93.2	97.0	94.9	99.7	98.5	99.2	99.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6279.2	1.59256	79.6	89.5	94.3	97.2	89.4	91.9	99.1	88.3	93.2	97.0	94.9	99.7	98.8	99.6	99.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6279.4	1.59251	80.1	88.7	94.5	97.2	90.9	93.5	99.1	88.3	93.2	97.0	94.8	99.7	98.8	99.9	99.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6279.6	1.59246	79.3	87.3	94.5	97.2	91.8	93.6	98.9	88.4	93.2	97.0	94.6	99.7	98.7	100.0	99.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6279.8	1.59241	77.3	85.7	94.1	97.0	92.0	92.8	98.3	88.5	93.2	97.0	94.8	99.6	98.9	100.0	99.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6280.0	1.59236	75.0	84.4	93.3	96.5	91.5	91.3	97.8	88.5	93.2	97.0	94.8	99.6	98.3	99.9	99.3	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6280.2	1.59231	72.3	84.1	92.3	96.2	90.5	93.	97.7	88.5	93.2	97.0	94.8	99.6	98.5	99.8	99.3	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6280.4	1.59225	70.5	84.3	91.8	96.0	88.5	93.2	97.7	88.5	93.1	97.0	94.8	99.7	98.5	99.6	99.7	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6280.6	1.59220	69.9	85.1	91.7	95.9	87.1	87.3	97.9	88.5	93.1	97.0	94.8	99.7	98.2	99.4	99.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6280.8	1.59215	69.7	86.5	91.7	96.0	86.3	87.1	98.4	88.4	93.0	97.1	94.8	99.7	98.1	99.2	99.4	99.5	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6281.0	1.59210	72.3	88.1	92.2	96.2	85.9	87.4	99.0	88.4	93.0	97.1	94.8	99.7	98.1	99.1	99.4	99.5	99.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6281.2	1.59205	75.0	88.3	93.2	96.5	86.5	85.6	99.3	88.3	92.9	97.1	94.8	99.7	98.2	99.1	99.3	99.5	99.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6281.4	1.59200	77.3	88.7	93.8	96.9	88.3	89.8	99.4	88.3	92.9	97.1	94.8	99.7	98.5	99.3	99.3	99.5	99.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6281.6	1.59195	79.0	87.9	94.2	97.0	89.8	91.4	99.4	88.3	92.9	97.1	94.8	99.7	98.7	99.6	99.4	99.5	99.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6281.8	1.59190	78.6	86.5	94.0	96.9	90.9	92.5	99.1	88.2	92.9	97.1	94.8	99.7	98.7	99.9	99.5	99.5	99.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6282.0	1.59185	76.3	85.2	93.4	96.7	91.4	92.5	98.5	88.2	92.9	97.1	94.8	99.7	98.7	100.0	99.8	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6282.2	1.59180	73.9	84.1	92.7	96.3	91.3	91.2	98.5	88.1	92.9	97.1	94.8	99.7	98.7	99.9	100.0	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6282.4	1.59175	71.9	83.5	92.0	96.0	90.4	90.0	98.0	88.1	92.9	97.1	94.8	99.7	98.4	99.9	100.0	99.5	99.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6282.6	1.59170	70.0	83.2	91.5	95.8	88.3	88.6	97.9	88.0	92.9	97.1	94.8	99.7	98.2	99.6	99.6	99.5	99.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6282.8	1.59165	68.9	83.4	91.3	95.5	86.9	87.1	97.4	87.9	92.8	97.1	94.8	99.7	98.1	99.3	99.2	99.5	99.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6283.0	1.59160	68.5	84.3	91.1	95.5	86.0	85.6	98.1	87.8	92.8	97.1	94.8	99.7	98.0	99.1	98.9	99.5	99.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6283.2	1.59155	69.0	85.4	91.5	95.7	85.7	85.7	98.4	87.7	92.7	97.1	94.8	99.7	98.0	99.1	98.8	99.5	99.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6283.4	1.59150	70.5	86.5	92.0	95.3	85.7	87.5	98.5	87.7	92.6	97.0	94.8	99.7	98.0	99.1	98.8	99.4	99.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6283.6	1.59144	72.7	86.7	92.4	96.0	86.1	88.6	98.5	87.7	92.5	97.0	94.8	99.7	98.1	99.1	98.9	99.4	99.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6283.8	1.59139	74.0	86.1	92.7	96.1	87.0	89.8	98.9	87.7	92.4	97.0	94.8	99.7	98.3	99.2	99.2	99.4	99.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6284.0	1.59134	74.5	85.1	92.6	96.2	88.1	90.4	98.5	87.7	92.4	97.0	94.8	99.7	98.4	99.4	99.5	99.3	99.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6284.2	1.59129	74.4	84.0	92.4	96.1	88.9	91.2	98.4	87.5	92.4	97.0	94.6	99.7	98.4	99.4	99.5	99.3	99.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6284.4	1.59124	72.4	83.3	92.1	95.8	89.1	89.6	98.2	87.5	92.3	96.9	94.8	99.7	98.4	99.4	99.5	99.3	99.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6284.6	1.59119	71.0	82.9	91.6	95.7	88.5	88.7	98.0	87.5	92.3	96.9	94.7	99.7	98.5	99.4	99.3	99.2	99.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6284.8	1.59114	69.9	82.5	91.4	95.5	87.0	87.7	97.9	87.3	92.3	96.9	94.7	99.7	98.5	99.5	99.2	99.2	99.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6285.0	1.59109	69.0	82.1	91.2	95.5	86.2	85.9	97.9	87.2	92.2	96.8	94.7	99.7	98.4	99.3	99.2	99.2	99.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6285.2	1.59104	68.3	81.7	91.0	95.5	85.8	85.6	97.3	87.1	92.2	96.8	94.7	99.7	98.1	99.1	99.1	99.1	99.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6285.4	1.59099	67.7	81.4	90.6	95.3	85.5	85.5	97.8	87.0	92.1	96.7	94.6	99.7	97.9	99.1	98.8	99.1	99.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6285.6	1.59094	66.8	81.2	91.2	95.0	85.4	85.3	97.7	86.8	92.0	96.7	94.6	99.6	98.1	99.4	98.8	99.0	99.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6285.8	1.59089	66.0	81.1	90.0	94.3	85.0	85.9	97.7	86.7	91.9	96.5	94.5	99.6	98.0	99.0	99.0	99.0	99.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6286.0	1.59084	65.5	81.2	90.0	94.3	84.3	85.7	97.7	86.5	91.8	96.5	94.5	99.6	97.9	98.9	99.0	98.9	99.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6286.2	1.59079	65.5	81.4	90.0	94.9	83.9	85.6	97.7	86.4	91.7	96.4	94.5	99.7	97.9	98.9	99.0	98.9	99.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6286.4	1.59074	65.7	82.0	90.1	95.0	83.7	85.5	97.7	86.3	91.6	96.3	93.5	99.7	98.1	99.0	99.0	99.0	99.8	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6286.6	1.59068	66.1	82.5	90.3	95.0	83.9	85.6	97.7	86.1	91.6	96.3	93.5	99.7	98.2	99.0	99.0	99.0	99.8	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6286.8	1.59063	67.1	82.9	90.4	95.1	84.2	85.9	97.5	86.0	91.6	96.3	93.5	99.7	98.1	98.9	99.1	99.1	99.8	99.5	99.6	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6287.0	1.59058	67.5	82.7	90.5	95.1	84.3	85.3	98.0	85.8	91.5	96.3	93.4	99.6	98.1	98.9	99.1	99.1	99.8	99.5	99.6	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6287.2	1.59053	68.7	81.5	90.7	95.2	84.5	85.6	98.0	85.7	91.4	96.3	93.4	99.6	98.1	99.0	99.1	99.1	99.8	99.5	99.6	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6287.4	1.59048	68.5	79.7	90.8	95.0	85.2	87.6	97.5	85.5	91.3	96.2	93.4	99.6	98.4	99.0	99.2	99.1	99.8	99.4	99.6	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6287.6	1.59043	67.0	77.5	90.1	94.3	86.7	88.2	96.8	85.5	91.1	96.1	93.3	99.6	98.5	99.5	99.2	99.1	99.8	99.4	99.7	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6287.8	1.59038	64.4	75.4	89.8	93.8	86.4	85.6	95.7	85.5	90.9	96.0	93.3	99.6	98.4	99.6	99.2	99.2	99.7	99.7	99.8	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6288.0	1.59033	60.4	74.0	87.2	93.1	85.1	84.2	95.2	85.2	90.9	95.9	93.3	99.6	98.1	99.5	99.1	99.1	99.7	99.3	99.9	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6288.2	1.59028	57.0	73.7	85.9	92.9	83.3	81.6	95.1	85.0	90.8	95.8	93.2	99.6	97.9	99.2	99.0	98.9	99.6	99.7	99.9	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6288.4	1.59023	54.7	74.8	85.5	92.8	78.3	79.5	95.3	84.8	90.6	95.7	93.2	99.6	97.5	98.9	98.7	98.5	99.4	99.6	99.8	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6288.6	1.59018	54.0	77.5	85.0	91.2	77.1	79.6	96.1	84.5	90.4	95.7	93.2	99.6	97.3	98.4	98.5	98.6	99.3	99.4	99.7	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6288.8	1.59013	56.7	79.7	87.1	93.9	77.7	79.0	96.3	84.2	90.2	95.5	93.1	99.6	97.4	99.0	98.3	98.7	99.1	99.3	99.4	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6289.0	1.59008	60.1	81.5	89.6	94.5	79.4	81.0	97.7	83.9	90.1	95.5	93.0	99.6	97.7	97.8	98.2	98.8	99.0	99.3	99.1	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6289.2	1.59003	63.8	82.4	89.8	95.1	81.5	84.1	98.5	83.8	90.1	95.5	93.0	99.6	98.1	98.1	98.2	98.3	99.0	99.2	99.2	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6289.4	1.58998	67.3	82.0	90.6	95.5	84.3	87.4	98.5	83.7	90.0	95.4	93.0	99.6	98.5	98.4	98.7	98.9	99.3	99.2	99.4	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6289.6	1.58993	69.5	79.3	90.6	95.4	86.4	89.5	97.3	83.5	90.0	95.3	92.9	99.6	98.9	98.8	99.2	98.9	99.6	99.4	99.6	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6289.8	1.58988	68.5	75.9	89.8	94.5	87.3	90.0	95.5	83.4	89.9	95.3	92.9	99.6	99.1	99.2	99.4	99.0	99.8	99.5	99.7	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0

6290.0	1.58982	65.4	72.[illegible]	87.[illegible]	93.[illegible]	86.4	89.[illegible]	93.[illegible]	83.2	89.[illegible]	96.[illegible]	[illegible]	[illegible]	98.9	99.6	99.5	99.1	99.8	99.5	[illegible]	99.9	100.0	99.9	99.[illegible]	100.0	100.0	100.0	100.0
6290.2	1.58977	60.[illegible]	[illegible]	84.[illegible]	91.[illegible]	83.1	85.[illegible]	92.[illegible]	82.9	89.[illegible]	95.[illegible]	[illegible]	[illegible]	98.4	99.2	99.4	98.9	99.8	99.7	[illegible]	99.9	99.9	99.9	99.7	100.0	100.0	100.0	100.0
6290.4	1.58972	53.5	66.9	[illegible]	[illegible]	78.5	[illegible]	92.2	82.7	88.[illegible]	94.4	[illegible]	[illegible]	97.5	98.7	98.9	98.8	99.6	99.6	[illegible]	99.9	100.0	99.7	99.6	100.0	100.0	100.0	100.0
6290.6	1.58967	49.2	66.9	81.1	[illegible]	73.4	75.7	92.[illegible]	82.3	89.5	94.7	[illegible]	[illegible]	96.7	98.0	98.4	98.5	99.[illegible]	99.3	94.3	99.9	100.0	99.7	99.5	100.0	100.0	100.0	100.0
6290.8	1.58962	46.9	69.4	81.0	90.5	70.5	73.1	94.[illegible]	82.0	89.3	94.5	[illegible]	99.3	96.1	97.0	98.0	98.1	98.9	98.9	[illegible]	99.9	99.9	99.7	99.4	99.5	100.0	100.0	100.0
6291.0	1.58957	47.1	73.7	82.[illegible]	91.4	70.1	72.6	96.0	81.6	88.1	94.1	[illegible]	99.3	96.1	95.4	97.5	98.0	99.6	98.7	[illegible]	99.9	99.9	99.7	99.5	99.[illegible]	100.0	100.0	100.0
6291.2	1.58952	50.3	78.4	84.8	93.[illegible]	72.1	74.3	97.4	81.3	88.[illegible]	94.3	97.5	99.3	96.7	95.5	97.3	98.0	99.6	98.7	94.1	99.9	99.9	99.7	99.6	99.7	100.0	100.0	100.0
6291.4	1.58947	58.3	80.9	87.3	94.5	77.7	80.5	98.0	81.1	87.9	94.2	97.4	99.2	97.5	97.0	97.7	98.1	99.7	98.4	94.1	99.9	99.9	99.7	99.7	99.[illegible]	100.0	100.0	100.0
6291.6	1.58942	62.9	81.0	89.[illegible]	95.[illegible]	83.0	85.[illegible]	97.9	80.9	87.9	94.2	97.4	99.2	98.5	97.9	98.4	98.4	99.1	99.1	94.2	99.9	99.9	99.7	99.6	100.0	100.0	100.0	100.0
6291.8	1.58937	65.9	78.9	89.0	94.9	86.3	88.[illegible]	96.3	80.5	87.9	94.2	97.4	99.2	98.9	95.9	98.7	98.6	99.4	99.4	94.4	99.9	99.9	99.7	99.7	100.0	100.0	100.0	100.0
6292.0	1.58932	66.5	74.5	88.3	93.5	86.5	89.4	94.[illegible]	80.4	87.8	94.2	97.4	99.2	98.7	99.5	99.1	98.7	99.6	99.3	94.5	99.9	99.9	99.7	99.6	100.0	100.0	100.0	100.0
6292.2	1.58927	62.7	70.0	85.7	92.2	83.9	84.4	92.1	80.2	87.8	94.2	97.3	99.[illegible]	98.3	99.7	98.9	98.3	99.7	99.3	94.6	99.9	99.9	99.5	99.5	100.0	100.0	100.0	100.0
6292.4	1.58922	57.5	64.9	82.6	90.[illegible]	80.1	83.8	90.3	80.0	87.5	94.1	97.3	99.1	97.3	99.3	98.5	98.5	99.6	99.7	94.7	99.9	100.0	99.4	99.4	99.9	100.0	100.0	100.0
6292.6	1.58917	51.4	61.2	79.2	88.2	74.5	79.4	89.[illegible]	79.7	87.[illegible]	93.9	97.1	99.0	96.1	98.3	98.2	98.4	99.3	99.4	94.6	99.9	100.0	99.4	99.2	99.9	100.0	100.0	100.0
6292.8	1.58912	44.9	59.7	77.0	87.3	68.9	73.0	89.5	79.4	85.7	93.5	97.0	99.0	95.1	95.8	97.5	98.0	98.9	99.0	94.2	99.9	100.0	99.5	99.1	99.7	100.0	100.0	100.0
6293.0	1.58907	39.1	60.5	75.2	87.1	63.4	53.5	90.0	79.1	85.2	93.4	95.8	98.9	94.5	95.8	97.0	97.7	99.5	98.3	94.0	99.9	100.0	99.5	99.0	99.5	100.0	100.0	100.0
6293.2	1.58902	38.4	65.4	75.8	88.3	62.9	55.9	92.5	78.5	85.5	93.1	95.8	99.9	94.9	95.1	96.7	97.4	99.2	98.5	94.9	99.9	100.0	99.5	99.1	99.5	100.0	100.0	100.0
6293.4	1.58897	39.4	70.2	79.6	90.4	67.7	59.7	94.5	78.2	85.2	92.9	95.7	98.8	95.9	95.0	96.7	97.4	99.2	98.5	94.9	99.9	99.9	99.5	99.2	99.7	100.0	100.0	100.0
6293.6	1.58892	45.5	74.0	83.1	91.9	74.3	74.5	96.1	77.7	85.1	92.5	95.7	98.8	97.1	95.9	97.1	97.3	99.6	98.9	94.2	99.9	99.8	99.7	99.3	99.9	100.0	100.0	100.0
6293.8	1.58887	53.7	75.4	85.4	93.0	79.9	80.[illegible]	96.3	77.4	85.1	92.5	95.6	98.7	97.9	97.3	97.9	98.2	99.0	99.3	94.3	99.9	99.8	99.3	99.3	99.5	100.0	100.0	100.0
6294.0	1.58881	58.1	73.6	85.4	93.2	82.9	85.9	96.5	77.1	85.1	92.5	95.6	98.7	98.4	95.4	98.5	98.7	99.3	99.3	94.3	99.9	99.8	99.9	99.3	99.9	100.0	100.0	100.0
6294.2	1.58876	59.3	70.2	85.9	92.5	81.5	85.0	94.9	76.3	85.1	92.4	95.5	98.6	98.3	99.1	98.7	99.0	99.5	99.9	94.4	99.9	99.8	99.8	99.3	99.4	100.0	100.0	100.0
6294.4	1.58871	56.1	65.1	84.0	90.4	77.5	84.0	92.2	76.5	85.0	92.4	95.5	98.6	97.5	99.3	98.9	98.9	99.5	99.9	94.4	99.9	99.9	99.3	99.4	99.5	100.0	100.0	100.0
6294.6	1.58866	51.7	60.1	80.7	88.4	72.4	81.1	90.3	76.2	84.9	92.4	95.4	98.5	96.4	95.9	98.5	98.5	99.2	99.3	94.3	99.9	99.9	99.7	99.4	99.9	100.0	100.0	100.0
6294.8	1.58861	45.9	55.9	75.9	86.4	67.1	75.2	89.0	75.9	84.6	92.4	95.4	98.6	95.2	97.7	97.9	98.3	98.9	99.5	99.1	99.9	100.0	99.5	99.4	99.3	100.0	100.0	100.0
6295.0	1.58856	38.9	53.0	73.4	84.3	61.9	70.5	87.7	75.4	83.8	92.0	95.4	98.6	94.1	95.3	97.5	98.0	98.6	99.2	94.8	99.9	100.0	99.5	99.4	99.7	100.0	100.0	100.0
6295.2	1.58851	33.1	52.3	71.3	84.0	58.5	55.4	87.9	74.9	82.9	91.7	95.3	99.6	93.4	95.2	96.7	97.3	99.2	98.3	94.7	99.9	100.0	99.4	99.5	99.5	100.0	100.0	100.0
6295.4	1.58846	30.4	54.5	70.8	84.0	57.3	54.0	89.[illegible]	74.4	82.2	91.4	95.2	98.5	93.4	94.6	96.4	97.5	97.8	98.5	93.6	99.9	99.9	99.2	99.1	99.5	100.0	100.0	100.0
6295.6	1.58841	30.5	58.7	71.7	85.5	58.8	53.7	90.9	73.9	81.7	91.0	95.1	98.5	94.5	94.4	96.3	97.3	98.0	98.5	94.6	99.9	99.9	99.2	99.1	99.5	100.0	100.0	100.0
6295.8	1.58836	33.4	63.4	75.5	87.7	63.1	55.8	93.0	73.2	81.6	90.7	95.9	99.3	95.5	94.9	96.5	97.5	98.1	98.7	94.7	99.9	99.8	99.2	99.2	99.7	100.0	100.0	100.0
6296.0	1.58831	38.2	66.9	78.7	89.4	69.5	70.4	94.2	72.5	81.4	90.5	95.8	98.2	96.5	95.9	96.5	97.8	98.3	98.9	94.6	99.9	99.7	99.3	99.2	99.8	100.0	100.0	100.0
6296.2	1.58826	42.9	67.9	81.0	90.4	73.7	74.4	94.3	71.9	81.4	90.5	95.7	98.1	97.2	95.9	97.1	98.0	98.7	99.1	94.[illegible]	99.9	99.7	99.4	99.3	99.9	100.0	100.0	100.0
6296.4	1.58821	46.5	66.1	81.9	90.5	74.5	77.7	94.5	71.7	81.4	90.5	95.6	98.1	97.4	97.6	98.0	98.1	99.2	99.2	94.1	99.9	99.8	99.7	99.4	99.[illegible]	100.0	100.0	100.0
6296.6	1.58816	47.7	62.5	81.1	89.5	73.7	79.3	93.5	71.4	81.4	90.5	95.6	98.0	97.1	97.8	98.5	98.3	99.3	99.3	94.1	99.9	99.7	99.8	99.5	99.9	100.0	100.0	100.0
6296.8	1.58811	46.8	57.2	79.3	87.7	71.2	73.9	91.7	71.1	81.3	90.5	95.5	98.0	96.5	95.0	98.2	98.4	99.3	99.4	94.[illegible]	99.9	99.7	99.3	99.5	99.9	100.0	100.0	100.0
6297.0	1.58805	43.9	51.2	74.7	85.1	66.9	75.6	89.4	70.5	80.9	90.5	95.4	98.2	95.5	97.8	97.5	96.2	99.1	99.5	99.0	99.9	99.8	99.8	99.5	99.4	100.0	100.0	100.0
6297.2	1.58801	39.4	45.9	70.3	82.5	61.3	75.2	85.9	70.2	80.1	90.2	95.2	98.5	94.0	97.1	97.4	97.9	98.6	99.2	98.8	99.9	99.8	99.5	99.4	99.4	99.9	100.0	100.0
6297.4	1.58796	33.4	43.4	55.4	79.7	54.2	59.2	84.0	69.3	79.1	89.7	95.1	98.7	92.2	95.8	96.9	97.4	97.8	98.7	98.6	99.9	99.8	99.5	99.1	99.7	99.9	100.0	100.0
6297.6	1.58791	27.3	43.7	53.8	78.5	49.2	53.8	83.7	69.0	78.1	89.1	94.9	98.4	90.9	94.4	96.0	96.7	97.4	98.3	98.4	99.9	99.8	99.5	99.0	99.5	99.9	100.0	100.0
6297.8	1.58785	23.9	47.7	53.0	79.3	48.2	59.5	85.3	68.5	77.4	88.7	94.7	98.0	91.2	93.4	95.7	96.4	97.0	98.1	98.3	99.9	99.7	99.5	98.9	99.5	99.9	100.0	100.0
6298.0	1.58781	23.9	54.0	55.2	81.3	51.9	55.3	88.7	67.5	75.6	88.2	94.5	97.6	92.5	93.2	95.7	96.5	95.9	97.9	98.2	99.9	99.7	99.5	99.1	99.5	99.9	100.0	100.0
6298.2	1.58775	26.9	60.3	71.0	84.9	59.5	59.6	92.2	66.9	75.6	88.1	94.3	97.5	94.5	93.8	96.0	96.9	97.3	98.1	98.1	99.7	99.7	99.4	99.2	99.5	99.9	100.0	100.0
6298.4	1.58770	31.2	63.5	75.7	87.4	67.5	65.2	94.2	66.2	75.5	88.0	94.2	97.4	96.5	95.3	96.5	97.5	98.0	98.5	98.4	99.7	99.6	99.4	99.4	99.5	99.9	100.0	100.0
6298.6	1.58765	38.1	63.0	79.8	89.0	72.2	72.4	94.9	65.5	75.4	87.9	94.1	97.3	97.4	97.1	97.3	98.0	98.8	99.1	98.9	99.7	99.6	99.7	99.5	99.[illegible]	99.9	100.0	100.0
6298.8	1.58760	41.5	59.0	79.9	88.5	73.0	77.9	94.0	65.0	75.4	87.9	94.1	97.3	97.5	97.9	98.2	98.4	99.0	99.3	99.2	99.7	99.6	99.8	99.5	99.5	99.9	100.0	100.0
6299.0	1.58755	43.0	53.1	75.8	86.1	71.0	80.5	91.2	64.7	75.4	87.9	94.1	97.2	96.5	95.4	98.3	98.4	99.2	99.3	99.3	99.7	99.7	99.9	99.5	99.9	99.9	100.0	100.0
6299.2	1.58750	41.5	46.4	70.7	81.5	64.1	78.7	85.9	64.4	75.0	87.3	94.0	97.1	94.2	95.2	97.7	98.0	99.0	99.2	99.1	99.5	99.7	99.4	99.4	99.3	99.9	100.0	100.0
6299.4	1.58745	35.4	38.9	64.5	77.1	56.4	73.3	81.9	63.9	73.1	87.5	93.9	97.0	91.1	95.8	96.9	97.2	99.3	98.4	94.6	99.5	99.8	99.5	99.1	99.5	99.8	100.0	100.0
6299.6	1.58740	29.3	35.9	59.6	73.7	48.5	55.3	79.3	63.0	73.8	87.1	93.6	96.9	88.4	94.3	96.1	96.1	97.1	97.3	94.1	99.5	99.7	99.2	98.8	99.2	99.8	100.0	100.0
6299.8	1.58735	23.7	35.9	54.6	72.1	42.3	59.3	79.0	62.2	72.8	86.3	93.2	95.7	87.5	92.1	94.5	95.3	95.1	97.2	97.7	99.5	99.6	99.1	98.6	99.0	99.9	100.0	100.0
6300.0	1.58730	19.7	39.9	54.3	72.2	39.2	53.9	82.0	61.4	71.7	85.9	92.9	95.6	88.3	90.8	94.0	95.0	95.6	96.7	97.5	99.4	99.6	99.0	98.5	99.1	99.9	100.0	100.0
6300.2	1.58725	18.2	47.2	59.9	75.7	42.9	51.1	86.9	60.5	70.8	85.0	92.5	95.4	90.4	90.6	94.2	95.1	95.6	96.9	97.4	99.4	99.5	99.1	98.6	99.3	99.9	99.9	100.0
6300.4	1.58720	20.0	54.9	65.4	80.4	51.1	54.6	91.4	59.9	70.2	84.4	92.3	95.2	93.3	91.9	94.5	95.9	95.3	97.5	97.6	99.4	99.3	99.3	99.0	99.3	99.5	99.9	100.0
6300.6	1.58715	27.2	58.0	71.0	84.5	61.4	51.9	93.5	59.1	69.9	84.2	92.3	95.1	96.2	94.8	95.9	96.9	97.8	98.5	94.1	99.3	99.1	99.5	99.2	99.7	99.4	99.9	100.0
6300.8	1.58710	31.7	56.1	74.1	86.2	68.7	70.6	93.9	58.3	70.0	84.1	92.2	95.1	96.8	97.2	97.0	97.5	98.8	99.1	98.6	99.3	99.1	99.9	99.4	99.3	99.5	99.9	100.0
6301.0	1.58705	35.3	51.5	74.7	85.3	69.0	79.2	92.2	58.0	70.1	84.1	92.2	95.1	96.5	98.3	97.9	98.3	99.3	99.4	94.9	99.3	99.3	99.7	99.5	99.9	99.5	99.9	100.0
6301.2	1.58700	36.7	45.5	70.5	82.3	63.3	79.6	87.5	57.4	70.2	84.1	92.2	95.1	95.3	98.6	98.0	98.5	99.2	99.5	99.0	99.3	99.5	99.7	99.5	99.9	99.5	99.9	100.0
6301.4	1.58695	34.5	38.9	54.2	78.2	57.2	74.4	81.5	57.0	59.8	84.2	92.1	95.0	92.5	97.8	97.1	98.3	95.7	98.3	94.8	99.3	99.6	99.5	99.2	99.3	99.5	99.9	100.0
6301.6	1.58690	28.3	30.9	55.9	72.3	49.2	59.5	77.2	56.5	59.0	84.0	91.9	95.9	87.5	95.0	95.3	97.2	97.6	97.3	93.4	99.3	99.6	99.2	98.9	99.5	99.7	99.9	100.0
6301.8	1.58685	22.2	27.9	50.3	67.7	40.9	51.5	74.1	56.1	57.6	83.5	91.3	95.8	85.2	92.5	94.3	95.3	96.1	96.3	94.0	99.2	99.6	98.5	99.6	99.2	99.7	99.9	100.0
6302.0	1.58680	16.0	27.9	45.2	65.2	33.9	53.8	73.0	55.3	55.3	82.7	90.8	95.6	84.4	90.3	93.3	94.0	94.8	96.2	97.6	99.2	99.4	98.3	98.3	98.7	99.7	99.9	100.0
6302.2	1.58675	12.5	31.5	45.7	64.9	31.0	45.7	75.3	54.3	54.8	81.3	90.4	95.2	85.4	90.0	92.5	93.5	94.3	96.0	97.6	99.2	99.1	98.3	98.3	98.5	99.7	99.9	100.0
6302.4	1.58670	11.9	38.2	50.0	68.2	37.5	44.1	81.7	53.2	53.5	80.9	89.9	94.9	88.2	90.3	93.1	93.9	94.8	96.2	97.6	99.2	98.7	98.3	99.4	98.3	99.7	99.9	100.0
6302.6	1.58665	12.2	45.3	55.2	74.2	47.4	45.0	87.7	52.2	52.7	80.2	89.6	94.8	92.5	92.1	94.0	94.9	95.1	96.9	97.8	99.2	98.5	98.4	98.8	99.2	99.7	99.8	100.0
6302.8	1.58660	17.1	47.2	62.5	79.1	56.2	50.0	91.3	51.1	52.5	79.9	89.5	94.7	95.3	95.1	95.4	97.0	95.0	97.9	94.1	99.2	98.6	99.1	99.3	99.5	99.7	99.7	99.9
6303.0	1.58655	20.9	46.5	57.0	81.4	60.3	59.6	91.5	50.0	52.8	79.9	89.5	94.7	95.7	96.9	96.7	97.9	95.7	98.5	98.5	99.2	99.8	99.5	99.5	99.3	99.7	99.7	99.9
6303.2	1.58650	23.5	43.0	55.7	80.9	59.5	57.4	89.3	49.0	52.9	79.7	89.5	94.7	94.6	97.7	97.2	98.2	95.9	99.0	98.9	99.2	99.2	99.4	99.6	99.9	99.7	99.7	99.9
6303.4	1.58645	25.2	36.9	52.4	78.1	56.0	70.0	85.2	48.4	52.8	79.7	89.5	94.6	92.5	97.8	97.0	98.2	99.0	99.1	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.9
6303.6	1.58640	24.2	29.0	55.1	73.0	49.2	59.2	80.1	48.2	52.0	79.5	89.3	94.6	89.9	97.1	96.5	97.9	99.4	98.5	99.9	99.2	99.5	99.5	99.4	99.5	99.5	99.9	100.0
6303.8	1.58634	20.4	24.3	49.3	66.9	40.5	53.5	74.7	47.5	50.6	79.1	88.6	94.4	85.4	95.0	95.1	96.2	97.0	98.0	95.7	99.2	99.5	99.0	99.8	99.3	99.5	99.9	100.0
6304.0	1.58629	16.0	21.2	42.9	61.9	32.1	57.2	69.9	46.3	59.0	78.2	88.0	94.1	82.1	91.9	94.0	94.2	95.2	96.9	98.2	99.2	99.4	98.2	98.2	98.9	99.5	99.9	100.0
6304.2	1.58624	12.3	20.5	35.6	57.9	25.9	50.7	67.9	45.9	57.2	77.1	87.4	93.9	80.5	89.2	92.5	92.5	94.0	95.7	97.5	99.1	99.0	97.5	97.7	98.7	99.5	99.9	100.0
6304.4	1.58619	9.7	23.1	37.6	57.5	25.3	42.9	69.9	44.9	55.6	76.0	85.8	93.6	81.3	87.7	92.1	91.5	93.6	95.5	97.4	99.1	98.5	97.3	97.8	98.5	99.5	99.8	100.0
6304.6	1.58614	7.2	29.2	41.4	60.4	29.5	39.0	76.2	43.7	54.5	75.1	85.4	93.3	84.4	85.0	92.1	91.5	93.8	95.5	97.3	99.0	98.2	97.9	98.0	98.7	99.5	99.7	100.0
6304.8	1.58609	7.7	35.2	48.2	65.2	36.0	39.6	83.3	42.7	54.2	74.2	85.2	93.1	90.2	89.8	93.2	92.5	94.9	96.3	97.4	98.9	97.8	98.3	98.5	99.0	99.5	99.6	99.9
6305.0	1.58604	10.1	38.2	54.8	73.1	43.9	44.4	88.5	41.2	54.0	74.0	85.2	93.1	93.3	92.5	94.4	94.4	95.5	97.3	97.6	98.9	99.0	98.9	99.0	99.3	99.5	99.5	99.9
6305.2	1.58599	13.2	38.5	59.2	76.3	52.2	52.3	89.9	40.0	54.1	73.9	85.2	93.1	94.7	95.3	95.5	96.9	99.0	98.5	99.2	98.8	99.4	99.5	99.2	99.9	99.5	99.5	99.9
6305.4	1.58594	16.1	36.4	59.6	76.1	52.7	51.3	86.9	39.3	54.1	73.9	85.2	93.1	94.7	97.4	96.5	97.9	98.9	99.0	99.5	98.7	98.8	99.8	99.2	99.9	99.5	99.5	99.9
6305.6	1.58589	18.0	30.5	57.2	71.9	49.1	54.9	82.3	38.8	53.7	73.8	85.1	93.0	93.3	97.9	97.2	98.1	99.0	99.2	94.7	98.5	99.0	99.7	99.2	99.9	99.5	99.6	100.0
6305.8	1.58584	16.5	24.5	52.3	66.9	43.5	54.2	76.1	38.3	52.6	73.2	85.7	92.8	89.3	97.2	96.5	97.5	95.4	98.7	99.6	98.5	99.2	99.3	98.8	99.8	99.5	99.6	99.9

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
p(atm)		[illegible]	[illegible]	[illegible]	[illegible]	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	[illegible]	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{0}	2.40×10^{-1}	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.67×10^{-2}	6.65×10^{-1}	6.65×10^{-1}	2.34×10^{-2}	2.34×10^{-2}	2.34×10^{-2}	2.17×10^{-1}	2.17×10^{-1}	2.17×10^{-1}
P_e (atm)		[illegible]	[illegible]	[illegible]	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	[illegible]	[illegible]	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}	3.00×10^{-1}	1.02×10^{-1}	3.04×10^{-2}	1.30×10^{1}	1.00×10^{0}	2.83×10^{-1}
u (atm cm) STP		2.17×10^{5}	[illegible]	5.57×10^{4}	2.60×10^{4}	8.71×10^{4}	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	3.30×10^{2}	3.30×10^{2}	3.30×10^{2}
ν (cm^{-1})	λ (micron)	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100
6306.0	1.58579	14.7	19.3	45.1	59.5	37.0	59.9	69.2	37.7	51.1	72.0	[illegible]	92.4	82.8	94.5	94.9	95.1	95.4	97.7	[illegible]	98.5	99.0	98.5	98.2	99.4	99.5	99.7	99.4
6306.2	1.58574	12.5	15.8	38.0	52.5	29.2	53.2	63.5	36.3	49.4	70.8	84.1	92.0	78.3	90.9	93.3	92.3	94.4	96.2	[illegible]	98.5	99.5	97.9	97.7	98.9	99.5	99.6	100.0
6306.4	1.58569	9.7	14.9	32.7	49.5	21.9	45.2	62.3	35.3	47.6	69.5	83.3	91.6	76.4	87.6	91.8	90.9	92.8	95.3	[illegible]	98.5	99.0	96.9	97.1	98.6	99.5	99.6	100.0
6306.6	1.58564	6.0	17.3	30.5	49.3	19.5	39.6	65.2	34.3	45.9	68.4	82.7	91.2	77.0	85.4	90.7	89.3	91.7	94.5	[illegible]	98.5	97.5	96.5	95.9	98.4	99.5	99.5	100.0
6306.8	1.58559	5.0	22.4	32.2	54.3	22.2	34.9	72.4	33.1	44.7	67.5	82.4	90.9	81.2	84.6	90.8	89.7	91.5	94.5	[illegible]	98.5	97.4	96.3	97.1	98.5	99.5	99.5	99.7
6307.0	1.58554	4.8	26.9	37.5	61.2	29.2	34.1	80.9	32.0	44.6	67.2	82.2	90.7	86.5	87.4	91.9	91.0	93.4	95.4	[illegible]	98.5	[illegible]	97.4	97.8	98.3	99.5	99.4	99.5
6307.2	1.58549	5.7	29.5	45.7	68.2	38.2	38.7	86.5	30.8	44.7	57.2	82.2	90.7	91.3	91.1	93.3	93.8	95.8	96.7	[illegible]	98.5	97.8	98.5	98.7	99.2	99.5	99.4	99.5
6307.4	1.58544	7.5	29.8	50.4	70.5	43.8	47.4	86.9	30.1	44.8	67.3	82.2	90.7	94.0	94.6	94.9	96.1	97.7	98.1	[illegible]	98.4	98.3	99.5	99.1	99.6	99.5	99.4	99.5
6307.6	1.58539	9.6	27.3	51.7	69.4	44.8	55.9	82.8	29.5	44.5	67.2	81.9	90.7	93.9	97.0	96.2	97.4	98.6	98.9	[illegible]	98.4	[illegible]	99.7	99.3	99.7	99.5	99.4	99.6
6307.8	1.58534	11.4	22.8	49.5	65.3	41.9	[illegible]	75.8	29.0	43.7	66.7	81.3	90.5	91.2	97.6	96.8	97.4	99.0	99.1	[illegible]	98.3	99.1	99.5	99.2	99.6	99.5	99.5	99.9
6308.0	1.58529	11.3	17.9	44.0	58.5	36.1	57.3	67.3	28.5	42.2	65.5	81.5	90.2	85.0	95.1	95.9	96.1	97.5	98.5	[illegible]	98.3	99.1	98.8	98.6	99.3	99.4	99.6	100.0
6308.2	1.58524	9.5	13.3	35.6	49.5	28.7	52.6	60.8	28.1	41.5	64.3	[illegible]	89.9	79.0	93.6	94.1	[illegible]	95.2	96.9	[illegible]	98.2	98.4	97.7	97.6	98.5	99.4	99.6	100.0
6308.4	1.58519	7.0	10.2	29.9	44.4	20.1	45.1	56.7	27.0	39.6	62.3	[illegible]	89.3	74.1	90.2	92.1	91.7	[illegible]	95.2	[illegible]	98.0	[illegible]	96.5	95.8	97.9	99.4	99.5	99.9
6308.6	1.58514	5.5	9.3	25.0	41.4	15.3	35.9	56.5	25.3	37.0	61.4	[illegible]	88.5	71.5	85.2	90.4	87.7	90.7	93.8	[illegible]	97.8	95.9	95.0	95.3	97.5	99.4	99.4	99.7
6308.8	1.58509	3.5	11.0	22.9	41.2	14.3	[illegible]	60.1	24.3	35.7	60.2	[illegible]	88.1	72.3	82.5	89.3	86.5	89.6	93.5	[illegible]	97.5	96.3	95.9	95.4	97.6	99.4	99.2	99.5
6309.0	1.58504	2.6	14.7	24.2	45.9	17.0	27.2	68.0	23.4	34.9	59.4	[illegible]	88.0	78.4	82.9	89.3	87.1	90.5	94.1	[illegible]	97.5	[illegible]	96.1	97.4	98.1	99.4	[illegible]	[illegible]
6309.2	1.58499	2.4	18.1	30.1	53.2	22.5	[illegible]	77.9	22.3	34.7	59.1	[illegible]	87.6	85.5	85.3	90.3	89.3	92.9	95.4	[illegible]	97.3	96.6	97.2	99.2	98.9	99.4	99.1	99.1
6309.4	1.58494	2.5	19.9	35.5	50.7	29.8	33.1	82.2	21.5	34.7	59.1	[illegible]	87.5	90.4	91.5	92.3	92.6	[illegible]	[illegible]	[illegible]	97.2	97.4	95.4	99.4	99.5	99.4	99.1	99.1
6309.6	1.58489	3.4	20.4	40.6	52.5	33.1	41.0	81.7	21.0	34.7	59.2	[illegible]	87.8	92.1	94.3	94.5	[illegible]	[illegible]	98.3	[illegible]	97.1	99.2	98.7	99.5	[illegible]	99.4	99.3	99.3
6309.8	1.58484	4.4	18.0	41.4	60.7	34.1	[illegible]	76.2	20.4	34.3	59.1	[illegible]	87.5	91.0	95.6	95.5	96.	99.4	[illegible]	[illegible]	97.1	98.6	99.1	99.5	[illegible]	99.3	99.4	99.5
6310.0	1.58479	5.0	14.5	39.4	53.8	31.3	[illegible]	68.4	20.0	33.3	58.4	75.9	87.6	86.5	95.2	95.1	96.3	98.2	[illegible]	[illegible]	97.0	98.	99.0	98.9	99.4	99.3	99.4	99.7
6310.2	1.58474	5.2	10.9	34.4	47.3	25.1	47.4	60.5	19.5	31.8	57.0	74.9	87.1	79.5	93.9	93.9	94.7	94.2	[illegible]	[illegible]	96.9	[illegible]	98.1	98.0	98.9	99.3	99.4	99.5
6310.4	1.58469	[illegible]	7.4	[illegible]	45.3	18.1	41.8	53.5	18.5	29.6	55.3	[illegible]	85.4	73.2	89.4	92.0	[illegible]	93.7	96.1	[illegible]	96.8	[illegible]	97.0	97.1	98.1	99.3	[illegible]	[illegible]
6310.6	1.58464	3.3	5.7	21.8	35.4	12.9	[illegible]	[illegible]	17.8	29.2	53.5	[illegible]	85.7	68.5	84.4	89.9	[illegible]	[illegible]	94.3	[illegible]	96.7	[illegible]	95.7	95.6	[illegible]	99.3	99.1	99.7
6310.8	1.58459	2.3	5.5	17.2	32.7	9.9	25.4	[illegible]	16.9	26.7	52.2	[illegible]	85.1	66.5	81.2	88.2	83.4	89.7	93.2	[illegible]	96.6	[illegible]	94.3	[illegible]	97.2	99.3	98.9	99.3
6311.	1.58453	1.5	7.0	[illegible]	34.3	9.5	[illegible]	[illegible]	15.9	25.6	51.1	[illegible]	84.5	68.2	79.5	87.2	[illegible]	85.0	92.5	[illegible]	96.4	95.	95.1	[illegible]	97.5	99.2	98.5	[illegible]
6311.2	1.58448	[illegible]	9.5	19.0	39.9	12.2	[illegible]	[illegible]	15.0	25.1	50.4	[illegible]	84.2	74.3	81.8	87.5	84.6	89.3	93.8	[illegible]	96.2	[illegible]	95.7	97.2	97.9	99.2	98.4	98.8
6311.4	1.58443	[illegible]	11.0	23.3	47.4	17.4	22.8	75.4	14.3	25.2	50.8	[illegible]	84.2	81.5	84.6	88.7	88.2	[illegible]	94.9	[illegible]	96.1	[illegible]	97.1	[illegible]	[illegible]	99.2	[illegible]	98.9
6311.6	1.58438	1.4	11.5	27.4	52.4	21.1	[illegible]	76.4	14.0	25.2	50.3	[illegible]	84.2	87.1	89.2	90.5	[illegible]	95.0	[illegible]	[illegible]	96.0	[illegible]	98.1	99.1	99.2	99.1	[illegible]	99.1
6311.8	1.58433	1.5	11.0	[illegible]	52.7	22.5	35.3	72.3	13.4	25.1	50.1	[illegible]	84.1	88.9	92.9	92.5	[illegible]	97.2	[illegible]	[illegible]	96.0	[illegible]	98.5	99.2	99.3	99.1	98.8	99.2
6312.0	1.58428	1.3	9.5	30.9	48.0	22.1	38.	65.5	13.1	24.1	49.5	[illegible]	83.9	86.5	94.9	93.8	[illegible]	98.0	98.5	[illegible]	96.1	[illegible]	98.8	99.0	99.4	99.1	99.1	99.2
6312.2	1.58423	1.9	7.4	25.9	42.4	19.9	[illegible]	57.5	12.5	22.9	48.4	[illegible]	83.4	81.2	94.0	93.3	94.6	95.5	98.2	[illegible]	95.9	97.	98.3	98.2	99.	99.0	99.3	99.7
6312.4	1.58418	1.8	4.9	22.0	36.0	16.1	33.2	49.4	12.0	21.6	46.3	[illegible]	82.9	74.2	89.9	91.7	91.5	93.9	96.9	[illegible]	95.9	[illegible]	96.7	[illegible]	98.5	98.9	99.1	99.7
6312.6	1.58413	1.4	3.3	15.7	29.5	10.8	27.6	44.7	11.4	20.2	45.2	[illegible]	82.0	67.3	85.2	89.3	87.1	90.7	94.5	95.4	95.3	95.4	95.3	95.0	97.7	98.9	98.8	99.5
6312.8	1.58408	1.2	2.7	12.2	26.0	7.0	[illegible]	43.7	10.8	19.0	43.4	[illegible]	81.2	62.4	81.2	86.7	82.7	87.9	93.1	[illegible]	95.6	[illegible]	94.2	[illegible]	97.1	98.8	99.4	99.2
6313.	1.58403	1.1	2.9	10.5	25.5	5.4	[illegible]	48.8	10.1	18.1	42.2	54.6	80.7	61.9	75.9	85.2	80.0	85.8	92.2	[illegible]	95.3	[illegible]	93.2	95.3	96.3	98.7	98.1	[illegible]
6313.2	1.58398	1.0	3.8	11.5	31.2	5.8	[illegible]	57.7	9.3	17.6	41.5	54.2	80.3	66.0	75.7	84.7	80.1	86.0	91.9	[illegible]	95.2	[illegible]	93.8	95.8	97.1	98.6	97.4	98.4
6313.4	1.58393	0.5	5.4	14.7	38.4	8.3	[illegible]	66.9	8.9	17.5	41.4	54.1	80.1	73.5	79.2	85.5	81.7	88.3	92.5	[illegible]	95.1	[illegible]	95.7	95.9	[illegible]	98.5	98.0	98.3
6313.6	1.58388	0.4	5.9	13.1	42.3	11.5	[illegible]	70.2	8.4	17.3	41.4	54.0	80.1	81.0	83.8	87.0	83.9	91.6	94.3	[illegible]	95.0	[illegible]	97.2	98.4	[illegible]	98.6	98.2	96.4
6313.8	1.58383	0.4	6.1	20.5	44.1	13.9	23.6	68.5	8.1	17.1	41.1	53.7	80.1	86.2	89.2	88.3	91.7	94.7	96.1	[illegible]	95.0	[illegible]	98.5	98.9	99.6	98.5	98.6	98.7
6314.0	1.58378	0.3	5.7	21.9	42.4	15.1	27.9	63.3	7.7	15.8	40.5	55.1	79.9	86.4	92.3	90.9	93.9	95.8	97.5	[illegible]	95.0	[illegible]	99.0	99.1	99.2	98.5	99.1	99.2
6314.2	1.58373	0.2	4.9	20.4	37.9	14.3	29.7	55.5	7.4	15.2	39.5	[illegible]	79.5	81.4	93.0	91.8	94.2	95.6	98.2	[illegible]	95.7	[illegible]	98.5	[illegible]	98.7	98.5	99.1	99.5
6314.4	1.58368	0.0	3.1	17.2	31.3	12.8	29.4	46.9	7.0	15.1	38.5	51.1	78.6	74.4	90.7	90.9	91.9	94.9	97.7	[illegible]	95.0	[illegible]	97.5	97.2	98.2	98.4	99.0	99.5
6314.6	1.58363	0.	2.1	13.2	25.7	8.5	23.0	41.5	6.7	13.9	36.4	[illegible]	78.1	67.0	85.2	88.7	87.5	92.0	95.1	[illegible]	94.3	[illegible]	95.4	95.9	97.4	98.3	[illegible]	99.4
6314.8	1.58358	0.	1.5	9.7	21.1	5.7	[illegible]	[illegible]	6.3	[illegible]	35.1	[illegible]	77.2	61.0	80.7	85.9	81.9	88.2	92.7	[illegible]	94.5	93.1	93.3	95.1	96.9	98.1	99.1	[illegible]
6315.	1.58353	0.	1.5	7.8	19.4	3.9	[illegible]	40.3	5.8	11.8	34.1	[illegible]	76.3	57.5	75.6	84.1	77.7	85.0	91.1	[illegible]	94.3	[illegible]	92.0	94.7	96.5	98.0	97.6	[illegible]
6315.2	1.58348	0.	1.5	7.0	21.1	3.2	[illegible]	46.2	5.3	11.3	33.3	[illegible]	75.7	59.5	73.5	82.8	76.5	83.9	90.2	[illegible]	94.2	[illegible]	92.3	95.0	96.7	98.0	97.4	[illegible]
6315.4	1.58343	0.	1.9	7.7	26.2	3.5	12.2	[illegible]	4.8	10.9	32.9	[illegible]	75.5	64.9	74.9	82.7	77.9	85.8	90.5	[illegible]	94.1	93.	93.4	95.9	97.4	97.9	97.4	97.5
6315.6	1.58338	0.	2.2	9.8	31.1	4.9	[illegible]	61.2	4.3	[illegible]	32.3	[illegible]	75.4	72.0	79.1	83.9	81.2	88.4	[illegible]	[illegible]	93.9	[illegible]	95.3	97.4	98.3	97.9	97.6	97.4
6315.8	1.58333	0.	2.4	12.3	34.2	6.4	[illegible]	62.0	4.2	[illegible]	32.5	[illegible]	75.4	78.5	84.6	86.1	85.9	89.4	[illegible]	[illegible]	93.9	94.	97.5	98.0	[illegible]	97.9	[illegible]	98.2
6316.	1.58329	0.	2.4	13.5	34.2	7.5	17.6	59.1	3.8	10.6	32.1	[illegible]	75.2	81.2	88.3	88.4	90.9	94.7	96.3	[illegible]	93.3	[illegible]	98.3	98.5	99.2	97.3	98.4	96.7
6316.2	1.58323	0.	2.2	13.2	31.1	8.1	19.4	53.3	3.5	10.2	31.4	[illegible]	74.7	81.7	90.2	89.4	92.3	95.5	97.0	[illegible]	93.3	[illegible]	98.3	98.6	98.7	97.8	98.6	99.1
6316.4	1.58318	0.	1.5	11.9	27.1	7.9	13.8	44.5	3.4	9.5	30.1	[illegible]	74.0	78.4	89.8	89.3	91.4	94.7	97.1	[illegible]	93.5	[illegible]	97.9	97.8	98.4	97.8	98.6	99.4
6316.6	1.58313	0.	1.3	9.5	20.5	6.5	15.1	37.8	3.3	8.7	28.9	[illegible]	73.1	72.4	85.8	87.9	88.1	92.0	95.7	[illegible]	93.3	[illegible]	96.0	95.4	97.7	97.7	98.3	99.5
6316.8	1.58308	0.	1.0	[illegible]	16.5	4.7	[illegible]	33.7	3.1	[illegible]	27.5	[illegible]	72.2	65.7	81.2	85.1	82.5	87.9	93.7	[illegible]	93.0	[illegible]	93.5	[illegible]	97.	97.6	97.8	98.7
6317.0	1.58303	0.	0.9	5.1	14.5	2.8	[illegible]	33.1	3.0	7.3	26.4	[illegible]	71.4	56.7	75.4	83.1	79.5	84.7	[illegible]	[illegible]	92.7	[illegible]	91.6	93.8	[illegible]	97.6	[illegible]	[illegible]
6317.2	1.58298	0.	0.9	4.2	14.5	1.3	[illegible]	37.5	2.9	4.8	25.3	[illegible]	[illegible]	54.2	72.1	81.4	75.7	82.6	89.4	[illegible]	92.5	[illegible]	91.0	93.6	96.5	97.6	96.8	97.5
6317.4	1.58293	0.	1.0	4.5	18.2	1.7	5.3	45.2	2.7	5.7	25.1	44.4	70.4	53.5	70.7	80.9	73.5	82.6	89.2	[illegible]	92.5	[illegible]	91.5	94.8	96.7	97.5	[illegible]	97.2
6317.6	1.58288	0.	1.0	5.5	22.4	2.3	[illegible]	52.5	2.5	5.5	24.3	47.4	70.3	57.1	72.1	81.5	76.5	84.6	[illegible]	[illegible]	92.4	[illegible]	93.5	95.0	97.5	97.5	[illegible]	97.2
6317.8	1.58283	0.	1.1	4.8	25.5	3.1	[illegible]	55.5	2.4	5.5	24.3	44.3	70.2	64.7	77.8	83.4	[illegible]	88.4	91.5	[illegible]	92.3	94.	95.7	97.3	[illegible]	97.5	97.6	97.7
6318.0	1.58278	0.	1.2	[illegible]	26.5	3.5	[illegible]	53.2	2.3	5.0	24.5	[illegible]	70.1	73.5	83.6	85.5	86.6	93.	[illegible]	[illegible]	92.3	[illegible]	97.7	98.4	[illegible]	97.4	98.1	98.7
6318.2	1.58273	0.	1.1	9.2	24.9	4.3	[illegible]	46.8	2.2	5.4	24.2	44.4	69.7	77.2	87.2	87.0	90.1	94.9	[illegible]	[illegible]	92.2	[illegible]	98.3	98.3	[illegible]	97.1	[illegible]	[illegible]
6318.4	1.58268	0.	0.9	7.7	21.0	4.3	[illegible]	39.1	2.1	5.8	23.2	41.4	69.2	76.2	87.9	87.3	90.5	94.8	96.	[illegible]	[illegible]	[illegible]	97.7	97.6	98.	97.0	98.4	99.2
6318.6	1.58263	0.	0.8	5.5	16.5	3.7	11.4	32.5	2.0	5.2	21.9	[illegible]	68.2	70.9	85.8	86.4	88.5	92.1	[illegible]	[illegible]	[illegible]	[illegible]	95.4	[illegible]	[illegible]	[illegible]	[illegible]	99.1
6318.8	1.58258	0.	0.7	4.9	12.3	2.7	9.1	28.5	1.9	4.8	20.8	44.9	67.3	62.0	79.8	84.3	[illegible]	[illegible]	[illegible]	[illegible]	91.3	[illegible]	92.9	94.	[illegible]	96.9	[illegible]	98.2

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6319.   1.58253  0.  0.5  3.0  10.7  1.7  5.1  27.5  1.5  4.4  19.3  44.0  65.4  52.5  73.5  81.9  79.1  93.8  90.4  93.6  91.1  93.4  90.9  93.5  96.0  96.9  95.7  97.7
6319.2  1.58248  0.  0.5  2.   10.4  1.5  5.0  32.0  1.5  4.1  19.7  43.3  65.6  49.1  59.6  79.5  71.9  91.2  89.1  92.7  90.9  93.4  89.7  93.1  95.9  96.9  95.2  97.2
6319.4  1.58243  0.  0.5  2.4  13.1  1.2  4.6  39.2  1.5  4.0  18.7  42.6  65.1  50.1  53.2  78.5  69.9  90.5  88.2  92.3  90.5  89.4  90.2  94.0  96.1  96.9  95.9  96.9
6319.6  1.58238  0.  0.5  2.4  16.1  1.1  5.0  45.5  1.4  3.5  18.5  42.4  64.9  53.9  59.5  79.3  71.9  92.1  88.5  92.4  90.4  90.4  91.9  95.7  97.1  96.9  95.0  96.3
6319.8  1.58233  0.  0.5  3.6  18.5  1.2  5.2  48.2  1.4  3.7  18.3  42.2  64.9  58.9  74.4  81.7  76.9  94.8  90.4  92.9  90.3  93.2  94.5  97.5  98.3  96.7  95.3  97.8

6320.   1.58228  0.  0.5  4.2  19.2  1.5  7.5  46.5  1.3  3.6  18.0  42.0  64.9  66.7  90.2  83.5  83.5  92.5  92.9  93.6  90.2  94.5  96.7  99.1  98.9  96.7  95.9  97.9
6320.2  1.58223  0.  0.4  4.4  18.3  1.7  7.5  42.4  1.2  3.6  17.3  41.7  64.9  71.7  94.0  85.1  87.5  92.6  94.9  94.3  90.1  94.5  97.1  98.3  98.9  96.7  97.6  98.5
6320.4  1.58218  0.  0.4  4.1  15.4  1.7  7.7  36.0  1.0  3.3  17.4  41.7  64.0  72.3  93.0  85.5  87.9  93.4  95.7  94.9  89.9  93.5  97.0  97.1  98.4  96.7  99.0  98.3
6320.6  1.58213  0.  0.4  3.5  11.7  1.7  7.1  29.2  1.0  3.1  16.5  39.4  63.1  68.5  92.9  85.0  84.2  91.9  95.0  95.1  89.3  91.5  95.5  95.7  97.7  96.7  97.8  98.7
6320.8  1.58208  0.  0.4  2.5   8.7  1.4  5.8  24.9  0.9  2.8  15.7  39.2  62.2  62.9  79.1  82.7  78.9  97.9  92.7  94.4  89.5  89.4  92.2  94.0  96.5  96.7  97.1  98.3

6321.   1.58203  0.  0.4  1.9   7.5  1.2  3.9  25.1  0.9  2.6  14.7  35.5  61.3  54.1  72.6  80.4  72.9  93.6  90.1  93.1  89.2  97.7  89.9  92.8  96.0  96.5  95.2  97.4
6321.2  1.58198  0.  0.3  1.5   7.4  1.1  3.2  29.3  0.9  2.4  14.0  35.6  60.6  48.0  59.1  78.5  68.5  91.2  88.1  91.6  88.9  97.1  88.7  92.6  95.7  96.5  95.5  96.7
6321.4  1.58193  0.  0.3  1.3   9.5  0.9  3.1  35.1  0.9  2.2  13.5  35.1  59.8  45.9  55.0  77.5  66.9  79.1  87.1  91.6  88.5  97.4  89.5  93.6  96.2  96.5  95.1  96.2
6321.6  1.58188  0.  0.3  1.5  11.5  0.7  3.5  40.2  0.7  2.2  13.3  35.9  59.5  47.9  57.4  77.9  69.4  91.4  87.5  91.6  88.4  93.5  91.5  95.7  97.3  96.5  95.1  96.0
6321.8  1.58183  0.  0.3  1.8  13.2  0.7  3.5  41.3  0.7  2.2  13.2  35.8  59.5  57.1  73.0  79.9  75.7  95.0  89.9  92.4  88.7  91.   94.1  97.7  98.2  96.4  93.6  96.3

6322.0  1.58178  0.  0.2  2.0  13.5  0.7  4.1  38.5  0.7  2.1  13.1  35.7  59.5  64.5  79.9  81.9  82.4  90.2  92.2  93.4  88.1  93.0  96.2  98.2  98.9  96.4  95.4  97.0
6322.2  1.58173  0.  0.2  2.1  12.7  0.7  4.3  33.5  0.7  2.1  13.0  35.4  59.5  68.2  92.2  83.1  86.1  91.9  94.0  94.0  88.0  93.   96.3  97.4  98.5  96.3  97.1  97.9
6322.4  1.58168  0.  0.2  1.8  10.5  0.7  4.1  27.9  0.7  2.0  12.5  34.6  58.8  67.9  92.2  83.3  85.5  90.9  94.7  94.3  87.9  93.   95.5  95.1  97.9  96.3  97.5  98.4
6322.6  1.58163  0.  0.2  1.6   7.5  0.7  3.6  23.0  0.5  1.9  12.0  33.6  58.0  64.3  79.8  82.3  90.5  97.9  93.5  94.1  87.7  91.7  93.1  95.1  97.0  96.2  97.6  98.5
6322.8  1.58158  0.  0.1  1.1   5.9  0.5  3.3  20.5  0.5  1.8  11.4  32.5  57.1  55.4  72.1  79.2  74.5  93.2  91.1  93.3  87.3  44.   90.4  93.2  96.1  96.1  95.8  97.7

6323.   1.58153  0.  0.0  0.7   5.2  0.5  2.4  21.5  0.5  1.7  10.5  31.4  55.3  47.9  55.8  76.9  68.5  79.5  88.3  92.1  87.0  95.   88.2  92.4  95.0  96.0  95.8  96.7
6323.2  1.58148  0.  0.   0.7   5.2  0.5  2.0  25.3  0.5  1.5  10.2  31.7  55.5  43.0  53.3  75.3  64.5  77.2  86.4  90.9  86.7  95.4  87.7  92.6  95.3  95.9  94.9  95.3
6323.4  1.58143  0.  0.   0.7   6.0  0.4  1.8  31.5  0.4  1.5   9.3  30.1  54.8  41.7  52.2  74.5  63.9  77.0  85.7  90.4  86.5  95.   89.0  93.9  96.4  95.8  94.4  95.2
6323.6  1.58138  0.  0.   0.7   8.0  0.2  1.9  34.5  0.4  1.5   9.7  29.9  54.4  44.3  54.9  75.1  67.3  90.5  86.4  90.7  86.4  97.   91.2  95.7  97.5  95.8  94.4  95.2
6323.8  1.58133  0.  0.   0.8   9.0  0.1  2.5  35.5  0.3  1.5   9.5  29.8  54.3  52.2  70.5  77.3  75.9  95.1  88.9  91.5  86.2  97.   94.0  97.1  98.1  95.7  95.1  95.7

6324.   1.58128  0.  0.   0.9   9.5  0.   2.8  33.4  0.2  1.4   9.4  29.8  54.2  59.8  75.3  79.7  81.3  99.1  91.7  92.9  86.1  91.9  96.2  97.4  98.4  95.7  95.9  96.5
6324.2  1.58123  0.  0.   0.9   9.1  0.   2.9  29.0  0.1  1.3   9.3  29.5  54.1  64.1  79.8  81.3  84.1  90.9  93.4  93.5  86.0  92.   96.4  95.7  98.1  95.5  95.6  97.4
6324.4  1.58118  0.  0.   0.8   7.5  0.   2.6  23.2  0.   1.1   9.0  29.0  53.7  63.0  79.5  81.1  82.4  89.7  93.9  93.6  85.9  91.   94.8  95.0  97.1  95.5  97.0  98.1
6324.6  1.58113  0.  0.   0.8   5.7  0.   2.2  19.4  0.   1.1   8.5  28.4  53.1  56.7  72.7  78.9  76.4  85.7  92.0  93.1  85.7  89.   91.5  93.1  96.0  95.4  95.8  98.0
6324.8  1.58108  0.  0.   0.6   4.5  0.   1.7  16.9  0.   1.0   8.2  27.5  52.1  49.2  57.0  75.8  69.5  91.8  89.1  91.8  85.4  87.   88.9  91.7  95.3  95.3  95.1  97.3

6325.   1.58103  0.  0.   0.4   3.8  0.   1.2  16.7  0.   0.9   7.3  25.4  51.2  42.4  52.1  73.3  63.3  75.9  86.5  90.0  85.1  94.0  87.0  91.6  95.5  95.1  93.2  96.3
6325.2  1.58098  0.  0.   0.4   3.5  0.   1.0  19.3  0.   0.9   7.4  25.6  50.4  38.1  55.8  71.9  60.5  75.1  85.0  90.   84.9  93.4  86.3  91.6  95.5  95.0  94.3  95.4
6325.4  1.58093  0.  0.   0.4   4.3  0.   1.1  25.3  0.   0.9   7.0  25.2  49.9  37.9  59.2  71.9  61.3  75.9  84.3  90.1  84.7  93.9  88.3  93.7  96.5  95.0  93.7  94.5
6325.6  1.58088  0.  0.   0.4   5.4  0.   1.4  29.0  0.   0.8   6.3  24.9  49.6  44.1  54.2  74.3  65.7  90.4  86.2  90.6  84.5  95.   90.3  95.9  97.4  94.9  93.6  94.7
6325.8  1.58083  0.  0.   0.4   6.3  0.   1.7  30.2  0.   0.7   6.7  24.7  49.4  52.5  70.6  77.2  73.5  95.6  88.7  91.7  84.4  97.   93.5  97.4  98.1  94.9  94.2  95.4

6326.   1.58078  0.  0.   0.5   6.4  0.   1.9  28.9  0.   0.7   6.5  24.6  49.3  59.3  73.9  78.5  80.5  99.4  91.5  92.4  84.3  91.   95.9  97.9  98.3  94.9  95.1  96.5
6326.2  1.58073  0.  0.   0.5   6.2  0.   2.0  25.1  0.   0.7   6.5  24.4  49.2  61.1  79.1  78.9  82.7  90.3  93.9  92.6  84.2  91.   95.5  95.4  97.7  94.9  95.9  97.2
6326.4  1.58068  0.  0.   0.4   5.2  0.   1.7  19.5  0.   0.6   6.4  24.2  49.0  57.3  74.5  77.0  77.7  97.8  92.9  92.6  84.1  91.4  93.5  94.0  96.4  94.7  95.3  97.7
6326.6  1.58063  0.  0.   0.4   3.5  0.   1.2  15.5  0.   0.6   6.0  23.7  48.5  51.3  59.6  74.9  71.0  92.1  90.0  90.1  83.9  93.   90.7  92.5  95.0  94.5  95.1  97.5
6326.8  1.58058  0.  0.   0.3   2.8  0.   0.9  13.5  0.   0.5   5.9  23.0  47.7  43.7  52.0  72.3  64.5  75.8  86.9  91.4  83.5  95.   87.4  91.2  94.3  94.5  95.4  96.3

6327.   1.58053  0.  0.   0.1   2.4  0.   0.7  14.1  0.   0.5   5.5  22.2  45.8  36.7  55.6  70.1  59.1  73.5  84.2  89.   83.3  92.   85.5  90.4  94.2  94.4  94.4  95.7
6327.2  1.58048  0.  0.   0.1   2.4  0.   0.7  17.5  0.   0.5   5.3  22.5  45.0  34.1  53.3  69.5  57.5  72.8  82.5  89.   83.0  92.   85.5  91.0  95.2  94.4  93.5  94.5
6327.4  1.58043  0.  0.   0.0   3.0  0.   0.6  22.3  0.   0.5   5.1  22.3  45.5  37.0  59.6  71.5  61.3  75.0  83.9  89.1  82.8  92.   88.0  93.6  96.9  94.3  92.9  94.0
6327.6  1.58038  0.  0.   0.    4.0  0.   1.9  25.3  0.   0.4   5.0  21.8  43.3  43.7  55.2  74.3  68.5  91.9  86.7  91.1  82.7  93.   91.5  95.   97.4  94.2  93.   94.1
6327.8  1.58033  0.  0.   0.    4.4  0.   1.2  26.3  0.   0.3   4.9  21.6  43.2  51.5  72.2  76.7  76.2  95.8  90.1  91.2  82.5  97.4  94.5  97.   98.3  94.2  93.6  94.3

6328.   1.58028  0.  0.   0.    4.5  0.   1.4  24.5  0.   0.2   4.3  20.6  43.0  57.9  75.7  77.7  81.2  99.4  92.3  93.4  82.4  89.4  95.2  95.8  97.2  94.0  94.6  95.7
6328.2  1.58023  0.  0.   0.    4.2  0.   1.3  20.5  0.   0.    4.7  21.4  44.9  55.7  74.0  76.3  78.1  97.5  93.2  93.4  82.4  90.   93.7  95.1  96.7  93.9  95.6  97.0
6328.4  1.58018  0.  0.   0.    3.2  0.   1.0  15.3  0.   0.    4.5  21.0  44.7  49.3  59.5  74.1  71.5  92.7  90.5  92.1  82.3  92.   91.0  93.2  95.1  93.8  95.9  97.4
6328.6  1.58013  0.  0.   0.    2.3  0.   0.7  12.4  0.   0.    4.4  19.6  44.0  42.0  51.4  71.0  64.1  77.1  86.3  92.0  82.0  95.   87.5  91.2  94.0  93.7  95.6  97.0
6328.8  1.58008  0.  0.   0.    2.0  0.   0.5  11.2  0.   0.    4.2  19.1  43.3  35.3  54.8  68.5  57.7  72.5  83.1  89.9  81.7  94.   84.9  90.2  94.0  93.7  94.6  96.0

6329.   1.58003  0.  0.   0.    1.7  0.   0.4  12.5  0.   0.    4.1  14.6  42.6  30.9  52.1  67.4  54.9  70.9  81.3  89.7  81.4  91.   84.4  90.0  94.4  93.5  93.1  94.4
6329.2  1.57998  0.  0.   0.    1.9  0.   0.4  17.4  0.   0.    3.9  14.0  42.3  33.3  53.7  69.3  57.9  73.8  82.0  85.1  81.2  91.   85.5  91.8  95.0  93.6  92.2  94.0
6329.4  1.57993  0.  0.   0.    2.4  0.   0.6  21.1  0.   0.    3.7  17.6  41.8  39.4  59.7  72.1  64.9  79.2  85.0  89.8  81.0  91.   89.0  94.6  97.0  93.5  91.9  93.7
6329.6  1.57988  0.  0.   0.    2.9  0.   0.8  23.3  0.   0.    3.5  17.5  41.6  47.5  59.1  74.9  72.9  93.1  88.9  95.1  80.9  94.   92.5  95.7  98.1  93.5  92.5  94.0
6329.8  1.57983  0.  0.   0.    3.0  0.   1.0  23.5  0.   0.    3.5  17.5  41.6  55.1  74.9  76.7  78.9  99.2  92.5  91.8  80.4  97.   95.0  97.5  96.0  93.5  93.5  94.3

6330.   1.57978  0.  0.   0.    3.0  0.   1.1  21.0  0.   0.    3.4  17.5  41.5  54.5  72.8  75.7  77.7  95.1  93.1  92.2  80.7  93.   94.1  95.6  96.9  93.4  94.5  95.9
6330.2  1.57973  0.  0.   0.    2.8  0.   1.0  16.3  0.   0.    3.3  17.5  41.3  50.0  57.4  72.5  71.9  90.8  90.2  91.1  80.5  99.   91.5  93.0  95.5  93.3  95.2  96.7
6330.4  1.57968  0.  0.   0.    2.0  0.   0.9  13.0  0.   0.    3.2  17.2  41.0  42.3  59.8  69.4  64.1  75.4  85.2  91.5  80.5  91.   88.3  91.4  94.4  93.2  95.2  96.9
6330.6  1.57963  0.  0.   0.    1.7  0.   0.7  10.3  0.   0.    3.1  16.8  40.5  34.5  52.5  67.0  56.5  71.1  82.4  84.2  80.2  94.   85.4  90.0  93.5  93.1  94.5  96.4
6330.8  1.57958  0.  0.   0.    1.5  0.   0.5  10.5  0.   0.    3.0  15.3  39.8  29.5  49.4  65.7  52.7  69.5  80.5  89.9  79.9  91.   83.3  89.7  93.4  93.0  94.0  95.3

6331.   1.57953  0.  0.   0.    1.5  0.   0.2  14.9  0.   0.    2.9  15.9  39.4  31.1  52.0  67.0  55.4  72.4  81.2  89.4  79.5  91.   84.3  91.0  94.4  92.9  92.0  94.2
6331.2  1.57948  0.  0.   0.    1.5  0.   0.1  18.5  0.   0.    2.9  15.7  39.1  35.9  59.0  70.5  62.3  73.2  84.5  84.7  79.4  74.   87.4  94.2  96.2  92.9  91.5  93.4
6331.4  1.57943  0.  0.   0.    2.0  0.   0.   21.5  0.   0.    2.5  15.6  39.0  43.0  57.4  74.2  71.2  84.0  88.7  85.   79.4  45.   90.4  95.7  97.5  92.9  91.7  93.4
6331.6  1.57938  0.  0.   0.    2.2  0.   0.   21.5  0.   0.    2.7  15.5  38.9  51.1  73.9  76.0  77.1  99.2  92.1  9.   79.3  94.   93.0  97.2  97.4  92.9  92.6  94.1
6331.8  1.57933  0.  0.   0.    2.2  0.   0.   19.4  0.   0.    2.7  15.4  38.7  52.9  73.5  74.9  75.5  95.2  92.4  9.   79.3  95.   94.0  95.1  97.2  92.9  93.6  95.5

6332.   1.57928  0.  0.   0.    2.1  0.   0.   16.1  0.   0.    2.5  14.4  38.7  48.5  57.3  71.5  59.5  79.4  89.5  [illegible]  79.2  92.   92.8  93.6  96.5  92.7  94.0  96.3
6332.2  1.57923  0.  0.   0.    1.9  0.   0.   12.5  0.   0.    2.5  14.2  38.6  41.5  59.5  68.3  61.8  73.6  85.2  [illegible]  79.2  94.   88.5  91.7  93.8  92.5  95.0  96.5
6332.4  1.57918  0.  0.   0.    1.5  0.   0.   10.1  0.   0.    2.5  14.0  38.4  34.2  52.5  65.9  54.8  59.9  81.2  [illegible]  79.1  85.   84.9  89.0  93.1  92.5  94.9  96.1
6332.6  1.57913  0.  0.   0.    1.4  0.   0.    9.3  0.   0.    2.4  14.6  39.0  28.8  49.7  65.2  51.5  57.8  78.8  [illegible]  78.8  42.   83.0  88.9  93.1  92.5  94.1  95.4
6332.8  1.57908  0.  0.   0.    1.2  0.   0.   11.4  0.   0.    2.4  14.5  37.8  29.8  51.9  66.7  53.5  72.6  80.0  [illegible]  78.5  92.   83.1  90.1  95.9  92.5  92.5  94.0

6333.   1.57903  0.  0.   0.    1.4  0.   0.   19.4  0.   0.    2.4  14.1  37.1  35.4  58.7  70.2  59.9  77.4  83.5  [illegible]  78.1  [illegible]  85.7  92.1  95.4  92.5  91.5  93.3
6333.2  1.57898  0.  0.   0.    1.5  0.   0.   18.9  0.   0.    2.5  15.9  35.8  43.4  55.7  73.5  68.4  81.3  87.9  [illegible]  78.1  [illegible]  88.4  94.5  97.5  92.5  91.0  93.0
6333.4  1.57893  0.  0.   0.    1.5  0.   0.   20.1  0.   0.    2.4  15.9  35.7  51.2  73.1  75.3  75.9  87.2  91.5  [illegible]  78.2  [illegible]  92.7  95.5  98.2  92.5  91.3  93.2
6333.6  1.57888  0.  0.   0.    1.3  0.   0.   19.1  0.   0.    2.3  15.6  35.6  50.0  72.4  74.4  74.4  85.5  92.1  [illegible]  78.2  [illegible]  94.5  95.9  97.5  92.5  92.5  94.5
6333.8  1.57883  0.  0.   0.    1.1  0.   0.   15.3  0.   0.    2.3  15.   34.5  46.2  55.5  71.9  68.5  87.8  90.0  [illegible]  78.1  [illegible]  93.1  94.2  97.0  92.5  93.5  95.3

6334.   1.57878  0.  0.   0.    1.5  0.   0.   12.4  0.   0.    2.2  13.7  36.5  39.8  53.8  69.1  61.8  74.6  86.2  [illegible]  78.0  [illegible]  90.8  92.1  94.5  92.4  94.5  96.5
6334.2  1.57873  0.  0.   0.    1.4  0.   0.    9.7  0.   0.    2.2  13.   36.4  33.2  51.9  67.0  55.5  69.9  82.4  [illegible]  77.9  [illegible]  87.0  90.   93.   92.4  94.6  96.5
6334.4  1.57868  0.  0.   0.    1.3  0.   0.    5.3  0.   0.    2.2  13.5  36.4  27.7  48.7  65.3  51.2  68.1  80.1  [illegible]  77.9  [illegible]  83.7  89.   95.   92.3  93.8  95.5
6334.6  1.57863  0.  0.   0.    1.2  0.   0.   10.5  0.   0.    2.2  15.2  36.1  28.5  51.5  68.1  53.4  71.6  80.4  [illegible]  77.9  [illegible]  83.2  89.   93.   92.3  92.   94.1
6334.8  1.57858  0.  0.   0.    1.1  0.   0.   14.5  0.   0.    2.2  17.1  35.8  34.3  53.1  70.9  59.7  75.5  83.2  [illegible]  77.9  [illegible]  84.5  92.   95.   92.2  91.   93.1
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Table 4-1 (cont'd)

[illegible]		[illegible]	[illegible]	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
[illegible]		[illegible]	[illegible]	2.53×10^{0}	2.50×10^{0}	1.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	[illegible]	[illegible]	[illegible]	3.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}	2.34×10^{-2}	2.34×10^{-2}	2.34×10^{-2}	2.17×10^{-1}	2.17×10^{-1}	2.17×10^{-1}
P_e (atm)		[illegible]	[illegible]	[illegible]	[illegible]	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	[illegible]	[illegible]	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}	3.00×10^{-1}	1.02×10^{-1}	3.04×10^{-2}	1.30×10^{1}	1.00×10^{0}	[illegible]
u (atm) STP		[illegible]	1.10×1	[illegible]	[illegible]	8.71×10^{4}	[illegible]	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	[illegible]	3.99 [illegible]	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	3.30×10^{2}	3.30×10^{2}	3.30×10^{2}
ν (cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
6335.	1.57853	0.	0.	0.	1.4	0.	0.	17.1	0.	0.	2.1	[illegible]	35.7	42.4	55.9	73.4	67.9	82.2	87.2	[illegible]	77.9	[illegible]	88.3	94.6	[illegible]	92.2	93.0	92.4
6335.2	1.57848	0.	0.	0.	1.5	0.	0.	16.9	0.	0.	2.0	[illegible]	35.7	49.5	72.2	75.1	75.0	85.9	91.1	[illegible]	77.9	[illegible]	92.5	95.6	98.	92.2	91.0	93.3
6335.4	1.57843	0.	0.	0.	1.5	0.	0.	18.5	0.	0.	2.1	[illegible]	35.7	51.0	72.7	74.2	74.7	85.4	92.3	[illegible]	77.8	[illegible]	94.4	95.7	97.2	92.2	92.1	94.3
6335.6	1.57838	0.	0.	0.	1.5	0.	0.	15.4	0.	0.	2.1	[illegible]	[illegible]	47.3	58.1	71.4	69.9	79.5	90.5	[illegible]	77.4	[illegible]	93.2	93.9	[illegible]	92.2	93.6	[illegible]
6335.8	1.57833	0.	0.	0.	1.5	0.	0.	12.0	0.	0.	2.0	[illegible]	35.6	40.9	50.3	68.3	62.1	74.1	86.1	[illegible]	77.3	[illegible]	89.4	91.6	[illegible]	92.1	94.3	96.2
6336.	1.57828	0.	0.	0.	1.3	0.	0.	9.4	0.	0.	2.0	[illegible]	35.9	33.5	52.2	65.6	54.6	69.3	81.2	[illegible]	77.7	[illegible]	85.7	89.6	[illegible]	92.1	94.4	96.0
6336.2	1.57823	0.	0.	0.	1.0	0.	0.	8.5	0.	0.	2.0	[illegible]	35.9	27.2	47.0	64.0	50.9	65.6	77.9	[illegible]	77.7	[illegible]	82.9	88.4	92.5	92.1	93.7	95.0
6336.4	1.57818	0.	0.	0.	0.9	0.	0.	10.7	0.	0.	2.0	[illegible]	35.7	27.4	49.2	65.9	52.2	70.4	78.1	[illegible]	77.7	[illegible]	82.2	89.6	[illegible]	92.1	92.5	93.5
6336.6	1.57813	0.	0.	0.	1.0	0.	0.	13.8	0.	0.	2.0	[illegible]	35.7	31.7	55.1	69.2	58.4	77.1	81.2	[illegible]	77.7	[illegible]	85.2	91.7	[illegible]	92.1	91.4	92.7
6336.8	1.57808	0.	0.	0.	1.1	0.	0.	16.7	0.	0.	2.0	[illegible]	35.7	39.5	54.7	71.3	67.3	83.2	86.2	[illegible]	77.7	[illegible]	89.3	95.3	[illegible]	92.1	91.6	92.5
6337.	1.57803	0.	0.	0.	1.3	0.	0.	18.5	0.	0.	2.0	[illegible]	35.6	47.8	71.6	73.4	74.1	85.1	90.9	[illegible]	77.7	[illegible]	93.1	95.2	[illegible]	92.1	91.2	93.2
6337.2	1.57798	0.	0.	0.	1.5	0.	0.	19.5	0.	0.	2.0	[illegible]	[illegible]	49.9	71.4	72.4	73.9	83.0	91.7	[illegible]	77.7	85.	93.9	95.1	[illegible]	92.1	92.5	94.4
6337.4	1.57793	0.	0.	0.	1.5	0.	0.	15.5	0.	0.	2.0	[illegible]	[illegible]	44.7	64.0	69.1	66.3	75.7	87.1	[illegible]	77.7	[illegible]	91.2	92.9	[illegible]	92.1	93.7	95.5
6337.6	1.57788	0.	0.	0.	1.3	0.	0.	12.0	0.	0.	1.9	13.1	[illegible]	37.4	55.4	65.4	59.0	70.3	82.5	[illegible]	77.8	85.	86.7	89.6	[illegible]	92.1	94.2	96.0
6337.8	1.57783	0.	0.	0.	1.1	0.	0.	9.3	0.	0.	1.9	13.1	36.3	30.5	48.4	62.3	52.3	65.4	78.9	[illegible]	77.9	[illegible]	83.1	88.4	[illegible]	92.2	94.1	95.5
6338.	1.57779	0.	0.	0.	1.3	0.	0.	8.7	0.	0.	1.9	15.1	36.4	26.7	45.3	62.4	50.1	[illegible]	77.2	[illegible]	78.0	[illegible]	82.0	[illegible]	92.4	92.2	93.4	94.5
6338.2	1.57774	0.	0.	0.	1.0	0.	0.	10.4	0.	0.	2.0	15.2	36.4	28.5	49.8	65.5	52.9	[illegible]	79.1	[illegible]	78.0	75.	83.1	93.6	[illegible]	92.2	92.1	93.5
6338.4	1.57769	0.	0.	0.	1.1	0.	0.	14.9	0.	0.	2.0	15.3	36.5	35.3	59.1	69.4	61.1	79.7	83.5	[illegible]	78.1	[illegible]	86.3	[illegible]	[illegible]	92.3	91.4	93.0
6338.6	1.57764	0.	0.	0.	1.3	0.	0.	17.9	0.	0.	2.0	15.5	36.6	43.2	55.9	71.7	69.3	84.8	[illegible]	[illegible]	78.2	[illegible]	90.3	[illegible]	97.2	92.3	91.2	93.0
6338.8	1.57759	0.	0.	0.	1.3	0.	0.	15.9	0.	0.	2.0	15.6	36.9	48.7	71.3	72.5	73.8	84.3	[illegible]	[illegible]	78.3	84.	93.3	[illegible]	96.5	92.4	91.8	93.4
6339.	1.57754	0.	0.	0.	1.2	0.	0.	17.7	0.	0.	2.0	[illegible]	37.2	48.5	59.3	71.7	71.5	[illegible]	90.1	[illegible]	78.4	85.	91.9	93.6	[illegible]	92.4	93.0	95.1
6339.2	1.57749	0.	0.	0.	1.5	0.	0.	14.4	0.	0.	2.0	[illegible]	37.7	42.5	51.2	67.5	62.9	72.9	85.2	[illegible]	78.5	[illegible]	88.3	91.3	[illegible]	92.5	[illegible]	95.0
6339.4	1.57744	0.	0.	0.	1.4	0.	0.	11.2	0.	0.	2.0	[illegible]	38.0	34.4	52.4	64.7	56.1	59.6	80.9	[illegible]	78.8	[illegible]	85.5	89.3	93.2	92.5	94.3	95.1
6339.6	1.57739	0.	0.	0.	1.2	0.	0.	9.4	0.	0.	2.1	14.7	38.3	28.3	45.9	63.4	52.5	57.2	78.4	[illegible]	79.0	[illegible]	82.7	89.5	92.3	92.5	94.0	95.5
6339.8	1.57734	0.	0.	0.	1.0	0.	0.	9.2	0.	0.	2.1	[illegible]	38.5	27.7	47.0	64.1	52.9	[illegible]	78.3	[illegible]	79.1	81.1	82.9	89.6	93.5	92.7	93.9	94.5
6340.0	1.57729	0.	0.	0.	1.0	0.	0.	12.7	0.	0.	2.2	15.3	38.9	31.3	53.1	67.1	58.0	75.1	80.5	[illegible]	79.3	[illegible]	85.5	93.2	95.5	92.8	92.1	93.4
6340.2	1.57724	0.	0.	0.	1.3	0.	[illegible]	15.9	0.	0.	2.3	15.6	39.3	39.7	52.2	70.5	68.1	82.5	86.1	[illegible]	79.5	[illegible]	89.4	95.5	96.4	92.9	91.7	93.1
6340.4	1.57719	0.	0.	0.	1.5	0.	0.3	18.3	0.	0.	2.4	15.9	39.6	46.5	59.6	72.2	72.9	84.8	89.8	[illegible]	79.9	84.2	93.1	95.9	97.1	93.1	92.0	93.5
6340.6	1.57714	0.	0.	0.	1.5	0.	0.4	19.1	0.	0.	2.5	15.3	40.2	48.8	59.6	72.2	72.1	82.5	90.5	[illegible]	80.1	85.5	92.9	94.5	96.5	93.2	92.8	94.5
6340.8	1.57709	0.	0.	0.	1.5	0.	0.4	17.5	0.	0.	2.7	15.7	40.7	45.2	54.4	70.3	66.7	75.5	87.4	[illegible]	80.4	85.8	89.9	92.0	95.1	93.3	93.9	95.4
6341.0	1.57704	0.	0.	0.	1.5	0.	0.5	13.5	0.	0.	2.8	17.1	41.3	38.4	57.4	68.1	59.4	70.9	83.0	[illegible]	80.5	[illegible]	86.3	90.0	93.4	93.4	94.4	96.1
6341.2	1.57699	0.	0.	0.	1.5	0.	0.5	11.1	0.	0.	2.9	17.6	41.8	32.3	52.4	66.7	55.8	69.6	80.4	[illegible]	80.9	[illegible]	84.3	89.1	92.7	93.4	94.5	95.9
6341.4	1.57694	0.	0.	0.	1.5	0.	0.5	10.5	0.	0.	3.0	18.0	42.2	30.5	51.4	67.0	55.8	71.3	79.3	[illegible]	81.1	[illegible]	84.2	89.8	93.7	93.5	94.0	95.1
6341.6	1.57689	0.	0.	0.	1.5	0.	0.5	12.2	0.	0.	3.2	18.5	42.7	32.7	54.8	68.3	59.3	75.5	81.2	[illegible]	81.3	[illegible]	86.4	92.0	95.2	93.7	93.2	94.3
6341.8	1.57684	0.	0.	0.	1.5	0.	0.5	15.5	0.	0.	3.4	19.0	43.3	39.1	62.1	71.7	67.9	81.9	84.2	[illegible]	81.5	82.7	89.5	94.6	96.7	93.9	[illegible]	[illegible]
6342.0	1.57679	0.	0.	0.	1.3	0.	0.5	18.5	0.	0.	3.5	19.6	44.2	47.0	59.7	73.1	73.9	85.0	88.3	[illegible]	81.9	84.7	92.9	95.5	97.1	94.0	92.9	94.3
6342.2	1.57674	0.	0.	0.	2.1	0.	0.6	19.5	0.	0.	3.9	20.2	45.0	48.3	70.8	74.4	73.4	83.7	90.3	[illegible]	82.3	87.3	93.4	95.0	96.7	94.1	93.6	95.0
6342.4	1.57669	0.	0.	0.	2.3	0.	0.6	18.8	0.	0.	4.2	20.9	45.7	46.4	67.4	74.0	69.4	80.2	89.5	91.2	82.7	89.0	91.1	93.4	95.8	94.2	94.3	95.4
6342.6	1.57664	0.	0.	0.	2.4	0.	0.6	16.5	0.	0.0	4.5	21.6	46.3	41.5	51.6	72.0	64.4	75.2	87.3	91.6	83.1	87.5	88.5	91.7	94.5	94.3	94.9	96.3
6342.8	1.57659	0.	0.	0.	2.2	0.	0.6	13.7	0.	0.1	4.9	22.4	46.9	37.3	57.5	70.5	60.9	73.9	84.8	89.3	83.5	[illegible]	86.3	90.9	94.1	94.4	95.2	96.4
6343.0	1.57654	0.	0.	0.	2.1	0.	0.6	12.8	0.	0.2	5.3	23.1	47.6	35.8	55.4	70.5	59.9	74.8	83.4	84.9	83.8	84.6	86.4	91.1	94.2	94.5	94.8	95.7
6343.2	1.57649	0.	0.	0.	2.1	0.	0.6	14.0	0.	0.3	5.5	24.0	48.5	36.9	53.7	71.5	62.3	77.8	83.7	89.0	84.2	83.9	87.1	92.8	95.1	94.7	94.3	95.1
6343.4	1.57644	0.	0.	0.	2.5	0.	0.6	16.9	0.	0.3	6.0	24.8	49.4	41.5	53.3	73.1	68.8	81.8	85.9	89.4	84.5	85.0	90.2	94.8	96.4	94.9	94.1	94.8
6343.6	1.57639	0.	0.	0.	3.4	0.	0.6	20.8	0.	0.3	6.4	25.7	50.3	49.5	58.6	74.5	76.2	85.4	89.5	91.1	85.0	85.9	93.0	95.8	96.4	95.0	94.2	95.0
6343.8	1.57634	0.	0.	0.	3.8	0.	0.6	22.5	0.	0.4	6.9	25.7	51.2	53.1	71.7	75.3	77.3	85.3	91.2	[illegible]	85.4	89.7	93.9	95.0	96.5	95.2	94.7	95.3
6344.0	1.57629	0.	0.	0.	4.0	0.	0.7	21.7	0.	0.4	7.5	27.0	52.1	51.2	59.5	74.9	74.8	82.4	89.3	[illegible]	85.3	[illegible]	92.5	93.7	96.0	95.3	95.4	96.5
6344.2	1.57624	0.	0.	0.	4.2	0.	0.7	20.1	0.	0.4	8.0	27.6	53.0	47.5	55.9	73.3	70.5	79.0	87.5	[illegible]	86.2	89.5	90.7	92.3	95.0	95.5	95.9	97.0
6344.4	1.57619	0.	0.	0.0	4.2	0.	0.8	18.5	0.	0.5	8.9	29.7	54.0	44.0	52.4	72.5	67.0	75.5	85.5	89.6	86.7	88.5	89.1	91.5	94.5	95.5	95.1	97.1
6344.6	1.57614	0.	0.	0.1	4.0	0.	0.8	17.5	0.	0.6	9.5	30.8	55.0	41.2	59.8	72.1	65.7	75.0	83.5	88.6	87.1	[illegible]	88.2	91.5	94.3	95.8	95.0	96.7
6344.8	1.57609	0.	0.	0.1	4.1	0.	1.0	20.4	0.	0.8	10.2	31.9	55.9	42.9	61.3	72.5	68.0	79.4	83.5	[illegible]	87.5	[illegible]	88.7	92.7	95.0	96.0	95.7	96.4
6345.0	1.57604	0.	0.	0.2	5.4	0.	1.0	24.0	0.	1.0	11.0	33.2	56.9	48.2	65.4	74.0	73.0	93.0	85.1	89.0	88.0	89.2	90.7	95.1	96.1	96.1	95.5	96.2
6345.2	1.57599	0.	0.	0.4	7.2	0.	1.0	27.4	0.	1.2	11.9	34.7	58.0	54.3	70.3	75.7	78.3	95.5	87.5	89.7	88.4	90.1	93.5	95.3	97.1	96.3	95.7	96.5
6345.4	1.57594	0.	0.	0.6	8.5	0.	1.1	29.4	0.	1.4	12.8	36.2	59.0	58.9	74.0	76.8	81.7	97.2	90.4	91.3	88.3	91.5	94.3	95.3	97.1	96.4	95.1	96.7
6345.6	1.57590	0.	0.	0.9	9.2	0.	1.3	28.9	0.	1.8	13.7	37.5	60.1	58.5	73.0	77.0	80.4	95.2	91.4	91.2	89.2	92.4	94.7	95.5	96.5	96.5	95.7	97.4
6345.8	1.57585	0.	0.	0.9	9.7	0.1	1.4	27.0	0.	2.2	14.7	38.7	61.2	54.8	69.7	76.3	78.2	92.8	90.4	91.5	89.5	92.7	93.3	94.2	95.9	96.7	97.1	97.7
6346.0	1.57580	0.	0.	0.9	9.3	0.2	1.5	26.0	0.	2.4	15.5	39.9	62.4	51.8	55.2	75.3	76.3	81.2	88.7	91.2	90.0	92.4	92.7	93.4	95.5	96.3	97.2	97.9
6346.2	1.57575	0.	0.	1.1	10.1	0.4	1.6	26.5	0.	2.6	16.5	41.0	63.4	50.5	54.2	74.3	75.8	80.9	87.0	90.9	90.4	92.2	92.3	93.6	95.5	96.9	97.3	97.7
6346.4	1.57570	0.	0.1	1.5	11.3	0.5	1.8	28.9	0.2	2.8	17.5	42.0	64.2	51.7	54.9	75.3	77.4	82.3	86.1	90.9	90.8	92.2	92.5	94.6	95.9	97.0	97.4	97.9
6346.6	1.57565	0.	0.3	2.7	14.1	1.0	1.9	35.1	0.2	3.2	18.5	43.0	65.0	57.2	63.0	77.0	80.5	85.9	87.3	91.3	91.1	92.9	93.3	95.1	96.3	97.1	97.4	97.7
6346.8	1.57560	0.	0.4	4.0	17.5	1.5	2.2	42.[illegible]	0.2	3.7	19.7	44.[illegible]	65.8	64.7	73.7	79.7	85.0	89.0	89.3	92.3	91.4	94.2	94.5	95.9	97.5	97.2	97.5	97.9
6347.0	1.57555	0.	0.5	5.4	22.3	2.1	3.2	49.1	0.3	4.1	20.7	44.7	66.6	71.4	79.2	82.3	88.5	91.7	91.3	93.1	91.5	93.4	96.3	97.4	97.9	97.3	97.6	98.1
6347.2	1.57550	0.	0.8	7.1	25.3	2.7	5.1	52.7	0.4	4.2	21.5	45.5	67.4	75.9	83.3	85.5	90.5	93.5	93.7	94.2	91.9	95.2	97.0	97.8	98.2	97.3	97.9	98.4
6347.4	1.57545	0.	1.0	7.8	27.7	3.1	5.9	53.2	0.5	4.6	22.0	45.3	68.2	77.1	[illegible]	87.0	91.1	93.3	94.7	[illegible]	92.1	[illegible]	[illegible]	97.9	98.5	97.4	[illegible]	[illegible]
6347.6	1.57540	0.	1.0	9.3	28.3	3.4	9.5	50.9	0.5	4.7	22.3	45.5	68.5	76.5	84.5	86.1	90.9	92.6	95.1	[illegible]	92.4	[illegible]	97.3	97.8	98.4	97.5	98.6	99.1
634[illegible].8	1.57535	0.	0.9	8.3	27.3	3.5	10.6	46.4	0.5	4.9	22.5	45.9	68.7	73.3	82.8	84.5	88.9	91.4	95.1	[illegible]	[illegible]	[illegible]	97.4	97.5	98.0	97.5	98.9	99.3

6348.0	1.57530	0.	0.9	7.8	25.7	3.4	11.7	40.3	0.5	5.0	22.5	47.1	44.9	[illegible]	73.6	82.7	86.5	89.4	94.5	[illegible]	92.5	[illegible]	96.4	[illegible]	[illegible]	97.6	94.9	[illegible]
6348.2	1.57525	0.	0.9	5.3	22.3	2.9	11.3	36.7	0.5	5.0	22.7	45.9	48.5	65.1	73.2	80.7	84.7	87.0	92.9	[illegible]	92.5	[illegible]	95.6	[illegible]	[illegible]	97.6	94.4	[illegible]
6348.4	1.57520	0.	[illegible]	5.0	[illegible]	2.3	10.1	33.1	0.5	[illegible]	22.4	44.4	43.5	60.4	70.7	79.1	82.5	85.3	90.9	[illegible]	92.6	[illegible]	94.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6348.6	1.57515	0.	0.6	3.4	[illegible]	[illegible]	8.	[illegible]	0.5	[illegible]	[illegible]	[illegible]	48.3	58.9	69.1	78.5	82.1	85.5	89.9	[illegible]	92.5	[illegible]	94.4	95.2	[illegible]	97.6	[illegible]	[illegible]
6348.8	1.57510	0.	0.6	3.3	16.9	1.2	5.9	34.2	0.5	4.9	[illegible]	[illegible]	47.7	60.5	70.4	78.5	82.9	85.8	89.7	92.2	92.4	94.	94.5	95.6	[illegible]	[illegible]	[illegible]	[illegible]
6349.0	1.57505	0.	0.5	3.0	16.4	1.0	4.4	35.1	0.7	4.7	20.3	44.	[illegible]	63.7	73.	78.9	84.3	88.4	90.3	[illegible]	92.2	94.	95.1	95.1	[illegible]	[illegible]	[illegible]	[illegible]
6349.2	1.57500	0.	[illegible]	2.9	15.3	0.9	3.7	35.3	0.7	4.4	19.4	[illegible]	[illegible]	64.6	75.	[illegible]	84.5	88.9	91.8	[illegible]	91.9	[illegible]	95.5	95.6	[illegible]	97.1	[illegible]	[illegible]
6349.4	1.57495	0.	0.4	2.7	14.4	0.8	3.8	32.7	0.7	3.9	[illegible]	[illegible]	45.1	64.3	[illegible]	77.4	82.4	87.7	92.7	[illegible]	91.5	[illegible]	95.2	95.1	[illegible]	97.2	[illegible]	[illegible]
6349.6	1.57490	0.	0.3	2.4	12.5	0.7	[illegible]	[illegible]	0.7	3.6	17.3	[illegible]	44.0	58.8	[illegible]	76.2	78.5	83.8	92.0	[illegible]	91.1	[illegible]	93.8	94.0	[illegible]	[illegible]	[illegible]	[illegible]
6349.8	1.57485	0.	0.1	2.0	10.2	0.5	4.1	[illegible]	0.6	3.5	16.2	[illegible]	42.8	52.2	[illegible]	74.2	74.1	80.2	89.9	[illegible]	90.7	91.	91.5	93.1	[illegible]	96.8	[illegible]	[illegible]
6350.0	1.57480	0.	0.	1.4	8.1	0.3	[illegible]	[illegible]	0.5	3.0	15.0	37.3	61.6	46.1	51.8	72.5	70.5	77.9	86.7	[illegible]	90.2	[illegible]	90.1	[illegible]	[illegible]	96.7	[illegible]	[illegible]
6350.2	1.57475	0.	0.	1.0	6.1	0.1	3.	[illegible]	0.5	2.7	13.9	35.9	60.5	42.9	[illegible]	71.4	[illegible]	[illegible]	85.2	[illegible]	[illegible]	[illegible]	89.5	[illegible]	[illegible]	96.5	[illegible]	[illegible]
6350.4	1.57470	0.	0.	0.7	5.3	0.	2.4	21.1	0.4	2.4	[illegible]	34.4	59.3	44.1	[illegible]	72.4	[illegible]	80.1	84.7	89.7	89.3	[illegible]	[illegible]	[illegible]	[illegible]	96.3	[illegible]	[illegible]
6350.6	1.57465	0.	0.	0.6	5.2	0.	1.9	22.4	0.4	2.2	11.7	[illegible]	58.1	48.5	[illegible]	72.9	74.7	83.6	85.9	[illegible]	88.9	[illegible]	[illegible]	94.	[illegible]	96.1	95.	[illegible]
6350.8	1.57460	0.	0.	0.5	5.2	0.	1.6	22.9	0.3	1.9	[illegible]	31.5	55.9	51.9	[illegible]	73.5	76.6	84.6	88.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.9	95.	[illegible]
6351.0	1.57456	0.	0.	0.4	5.3	0.	1.6	19.5	0.2	1.6	10.0	[illegible]	55.7	52.3	70.1	73.4	75.3	82.9	90.2	[illegible]	87.4	[illegible]	93.3	[illegible]	[illegible]	95.6	95.	97.
6351.2	1.57451	0.	0.	0.4	4.3	0.	1.5	16.8	0.1	1.3	9.2	29.7	54.4	49.3	59.6	72.1	[illegible]	77.7	89.4	[illegible]	87.2	[illegible]	91.2	93.	[illegible]	95.4	[illegible]	97.2
6351.4	1.57446	0.	0.	0.3	3.4	0.	1.4	14.5	0.	1.1	8.4	27.3	53.2	42.2	53.9	70.5	65.4	75.6	87.1	[illegible]	86.5	[illegible]	89.1	91.	[illegible]	95.1	[illegible]	96.5
6351.6	1.57441	0.	0.	0.1	2.5	0.	1.3	13.4	0.	0.9	7.5	25.9	51.8	38.2	53.7	69.7	62.5	74.5	84.3	[illegible]	85.9	[illegible]	87.7	[illegible]	94.2	94.9	95.2	96.1
6351.8	1.57436	0.	0.	0.0	2.2	0.	1.2	13.9	0.	0.9	6.8	24.5	50.5	36.3	55.6	69.5	62.7	75.5	82.5	[illegible]	85.4	[illegible]	87.4	91.5	[illegible]	94.9	94.8	95.7
6352.0	1.57431	0.	0.	0.	2.0	0.	1.1	15.2	0.	0.9	6.1	23.2	49.3	38.0	55.9	70.1	65.7	78.8	83.0	[illegible]	84.9	[illegible]	87.9	92.9	[illegible]	94.5	94.5	95.5
6352.2	1.57426	0.	0.	0.	2.0	0.	1.0	15.7	0.	0.8	5.5	22.1	48.1	42.4	53.8	70.9	70.1	82.1	85.2	[illegible]	84.3	[illegible]	89.9	94.5	[illegible]	94.3	94.5	95.5
6352.4	1.57421	0.	0.	0.	1.9	0.	0.9	14.8	0.	0.8	5.1	21.0	47.0	44.5	53.6	71.0	70.7	81.9	87.7	[illegible]	83.6	[illegible]	91.5	94.9	[illegible]	94.1	94.8	[illegible]
6352.6	1.57416	0.	0.	0.	1.8	0.	0.9	12.5	0.	0.7	4.5	19.9	45.9	43.0	55.6	70.2	68.5	79.8	89.0	[illegible]	83.1	[illegible]	91.7	93.4	[illegible]	93.9	94.7	[illegible]
6352.8	1.57411	0.	0.	0.	1.5	0.	0.7	10.3	0.	0.7	4.2	19.0	44.8	38.7	54.2	69.3	63.3	75.1	87.3	[illegible]	82.4	[illegible]	89.1	91.6	[illegible]	93.5	94.4	95.5
6353.0	1.57406	0.	0.	0.	1.2	0.	0.6	9.7	0.	0.6	3.9	18.1	43.7	33.3	57.6	69.0	57.3	72.7	85.0	[illegible]	81.3	[illegible]	87.1	91.8	94.4	93.4	93.8	95.1
6353.2	1.57401	0.	0.	0.	1.2	0.	0.6	10.2	0.	0.5	3.5	17.3	42.7	31.9	55.7	68.5	56.3	72.6	83.4	89.9	81.3	[illegible]	85.9	91.8	94.4	93.2	93.4	94.5
6353.4	1.57396	0.	0.	0.	1.0	0.	0.5	11.2	0.	0.4	3.2	15.5	41.7	33.4	54.6	69.0	59.5	75.1	83.0	[illegible]	80.3	[illegible]	86.3	91.7	95.2	93.1	93.1	94.5
6353.6	1.57391	0.	0.	0.	1.0	0.	0.4	11.9	0.	0.3	3.0	15.6	40.7	36.5	55.9	69.4	63.3	79.6	84.2	[illegible]	80.2	[illegible]	88.2	91.5	96.0	93.0	93.2	94.4
6353.8	1.57386	0.	0.	0.	1.0	0.	0.2	11.3	0.	0.2	2.7	14.8	39.7	39.5	60.9	69.2	66.5	80.4	86.3	[illegible]	79.5	93.5	89.7	94.2	96.4	92.9	93.4	94.3
6354.0	1.57381	0.	0.	0.	0.9	0.	0.0	9.7	0.	0.1	2.5	14.2	38.6	40.1	54.1	68.1	65.7	77.8	88.0	[illegible]	79.0	93.6	90.5	93.2	95.4	92.7	93.6	95.1
6354.2	1.57376	0.	0.	0.	0.9	0.	0.	8.3	0.	0.	2.4	13.5	37.6	36.3	52.6	67.1	58.5	73.0	87.2	[illegible]	78.5	[illegible]	89.0	91.3	94.	92.4	93.4	94.7
6354.4	1.57371	0.	0.	0.	0.8	0.	0.	7.7	0.	0.	2.3	12.9	36.5	32.3	54.9	66.5	54.7	70.7	84.4	93.5	78.0	[illegible]	86.3	90.3	94.1	92.2	92.6	94.1
6354.6	1.57366	0.	0.	0.	0.7	0.	0.	7.3	0.	0.	2.1	12.3	35.6	29.1	53.0	66.4	53.5	70.9	81.7	[illegible]	77.5	[illegible]	84.5	90.1	[illegible]	92.0	92.1	93.7
6354.8	1.57361	0.	0.	0.	0.7	0.	0.	8.3	0.	0.	2.0	11.8	34.8	28.5	53.5	66.3	55.1	73.5	80.9	[illegible]	77.0	91.4	84.3	90.9	94.4	91.9	91.9	93.9
6355.0	1.57356	0.	0.	0.	0.7	0.	0.	9.5	0.	0.	1.8	11.3	34.0	31.1	57.7	67.9	59.5	77.9	82.0	99.0	76.5	91.4	85.7	92.6	96.2	91.5	92.1	94.1
6355.2	1.57351	0.	0.	0.	0.7	0.	0.	9.3	0.	0.	1.7	10.8	33.2	34.7	60.9	68.1	62.5	79.9	84.5	99.0	76.1	91.4	88.3	93.7	96.5	91.5	92.4	94.5
6355.4	1.57347	0.	0.	0.	0.5	0.	0.	8.0	0.	0.	1.5	10.4	32.4	36.1	59.8	67.5	61.9	75.7	87.3	97.9	75.5	91.3	89.7	93.0	95.0	91.3	92.4	94.4
6355.6	1.57342	0.	0.	0.	0.5	0.	0.	6.9	0.	0.	1.5	10.1	31.7	34.5	53.2	66.2	58.1	72.7	86.5	97.7	75.1	79.7	88.2	91.1	94.2	91.1	92.0	94.1
6355.8	1.57337	0.	0.	0.	0.5	0.	0.	6.5	0.	0.	1.4	9.7	30.9	30.5	54.3	64.2	52.4	59.6	84.1	97.3	74.6	77.5	85.5	89.0	93.4	90.9	91.4	93.4
6356.0	1.57332	0.	0.	0.	0.5	0.	0.	6.4	0.	0.	1.3	9.3	30.2	26.1	51.1	63.5	50.5	59.1	61.1	[illegible]	74.1	[illegible]	83.4	[illegible]	[illegible]	90.9	90.8	[illegible]
6356.2	1.57327	0.	0.	0.	0.5	0.	0.	7.2	0.	0.	1.2	8.9	29.5	25.9	49.4	63.3	51.8	70.7	79.1	95.2	73.7	74.3	82.9	89.9	94.	90.7	90.6	92.9
6356.4	1.57322	0.	0.	0.	0.5	0.	0.	7.5	0.	0.	1.1	8.5	29.9	28.1	49.0	63.7	55.2	74.4	79.9	95.2	73.3	[illegible]	84.4	92.2	95.1	90.5	90.7	93.1
6356.6	1.57317	0.	0.	0.	0.5	0.	0.	7.3	0.	0.	1.1	9.2	29.4	31.1	51.0	64.7	59.5	77.0	82.7	[illegible]	72.9	[illegible]	87.5	93.1	[illegible]	90.4	91.2	93.5
6356.8	1.57312	0.	0.	0.	0.5	0.	0.	6.8	0.	0.	1.0	8.0	27.9	32.7	55.3	65.0	59.5	75.6	85.1	[illegible]	72.5	[illegible]	88.4	92.3	[illegible]	90.3	91.2	93.7
6357.0	1.57307	0.	0.	0.	0.4	0.	0.	5.9	0.	0.	1.0	7.7	27.5	31.0	59.0	64.7	56.1	71.9	85.5	87.1	72.3	[illegible]	87.3	91.5	94.2	90.2	91.0	93.5
6357.2	1.57302	0.	0.	0.	0.4	0.	0.	5.5	0.	0.	1.0	7.5	27.1	28.1	55.5	64.2	52.1	63.9	83.2	97.3	71.9	[illegible]	84.4	89.2	93.5	90.1	90.6	93.1
6357.4	1.57297	0.	0.	0.	0.4	0.	0.	5.5	0.	0.	1.0	7.4	26.7	25.1	52.7	64.0	49.4	69.0	81.0	97.1	71.7	75.6	82.9	88.9	93.5	89.9	90.3	92.5
6357.6	1.57292	0.	0.	0.	0.4	0.	0.	5.8	0.	0.	0.9	7.2	26.3	24.1	49.9	64.1	50.5	70.4	79.9	97.0	71.4	77.5	82.7	90.0	94.2	89.9	90.1	92.5
6357.8	1.57287	0.	0.	0.	0.5	0.	0.	6.1	0.	0.	0.9	7.1	25.9	26.8	49.5	64.5	54.2	73.9	80.5	87.0	71.2	78.2	84.5	91.5	95.1	89.7	90.2	92.3
6358.0	1.57282	0.	0.	0.	0.2	0.	0.	6.1	0.	0.	0.9	5.9	25.5	28.9	52.5	64.3	57.1	73.4	83.5	97.1	71.0	78.2	87.1	92.4	95.5	89.5	91.3	[illegible]
6358.2	1.57277	0.	0.	0.	0.2	0.	0.	5.4	0.	0.	0.9	5.7	25.1	29.9	55.9	64.9	57.5	74.3	85.0	97.3	70.7	77.6	87.7	91.8	95.3	89.5	91.6	93.2
6358.4	1.57272	0.	0.	0.	0.2	0.	0.	4.3	0.	0.	0.9	5.5	24.7	29.9	57.1	64.3	54.1	70.8	84.9	97.1	70.4	75.6	86.4	90.0	93.9	89.4	90.4	92.4
6358.6	1.57267	0.	0.	0.	0.2	0.	0.	4.4	0.	0.	0.9	5.3	24.5	25.9	54.5	63.4	50.4	59.0	82.9	95.8	70.1	75.8	83.7	89.7	93.0	89.3	89.9	92.5
6358.8	1.57262	0.	0.	0.	0.2	0.	0.	4.3	0.	0.	0.8	5.2	24.3	23.5	50.9	62.7	48.7	57.6	79.7	95.4	69.9	73.9	82.3	89.6	93.	89.1	89.5	92.1
6359.0	1.57257	0.	0.	0.	0.2	0.	0.	4.5	0.	0.	0.9	5.0	24.1	23.0	47.9	62.2	48.7	59.4	78.9	95.0	69.7	75.5	82.3	89.8	93.9	89.0	89.4	92.1
6359.2	1.57252	0.	0.	0.	0.2	0.	0.	4.5	0.	0.	0.9	5.9	24.0	24.4	47.1	61.9	50.9	72.6	80.0	95.8	69.5	77.2	84.5	91.0	94.9	88.9	89.7	92.3
6359.4	1.57248	0.	0.	0.	0.2	0.	0.	4.5	0.	0.	0.7	5.8	23.8	26.2	49.6	61.5	55.0	73.5	81.7	95.7	69.4	77.1	86.1	91.5	95.3	88.9	89.9	92.4
6359.6	1.57243	0.	0.	0.	0.1	0.	0.	4.4	0.	0.	0.7	5.7	23.6	26.9	51.9	61.2	54.4	71.1	83.1	95.7	69.3	75.5	86.3	90.1	94.5	88.9	90.0	93.0
6359.8	1.57238	0.	0.	0.	0.1	0.	0.	4.0	0.	0.	0.7	5.7	23.5	25.5	52.2	60.5	51.5	59.1	82.4	95.6	69.2	75.6	84.4	89.5	93.4	88.9	89.8	92.3
6360.0	1.57233	0.	0.	0.	0.1	0.	0.	4.0	0.	0.	0.7	5.7	23.4	22.9	[illegible]	60.0	48.4	55.2	79.7	95.4	69.1	74.9	82.5	[illegible]	92.7	88.9	89.5	92.4
6360.2	1.57228	0.	0.	0.	0.1	0.	0.	4.1	0.	0.	0.5	5.6	23.3	21.3	45.6	59.7	47.4	55.9	78.0	95.2	69.0	75.3	82.0	[illegible]	93.1	88.9	89.5	92.1
6360.4	1.57223	0.	0.	0.	0.1	0.	0.	4.3	0.	0.	0.5	5.6	23.2	22.4	45.6	59.7	49.4	59.8	78.0	[illegible]	68.9	75.0	82.9	90.3	93.9	88.9	89.5	92.1
6360.6	1.57218	0.	0.	0.	0.1	0.	0.	4.4	0.	0.	0.5	5.6	23.1	24.1	[illegible]	59.7	52.1	71.2	80.1	93.8	68.8	75.5	84.5	91.3	94.5	88.9	89.5	92.2
6360.8	1.57213	0.	0.	0.	0.1	0.	0.	4.1	0.	0.	0.5	5.6	23.0	25.3	49.4	59.4	53.7	70.6	81.3	94.7	68.7	75.5	85.4	90.4	94.1	88.9	89.7	92.4
6361.0	1.57208	0.	0.	0.	0.1	0.	0.	3.9	0.	0.	0.5	5.6	22.9	24.3	50.6	58.9	52.7	57.8	81.4	94.6	68.7	75.2	84.7	89.2	93.4	88.9	89.7	92.4
6361.2	1.57203	0.	0.	0.	0.1	0.	0.	3.7	0.	0.	0.5	5.6	22.8	22.5	43.7	58.4	[illegible]	55.8	80.1	94.7	68.5	74.9	82.9	88.1	92.9	88.3	89.6	92.3
6361.4	1.57198	0.	0.	0.	0.1	0.	0.	3.8	0.	0.	0.5	5.5	22.8	20.9	45.5	58.0	46.9	55.3	77.9	94.7	68.5	74.7	81.5	88.1	92.9	88.3	89.5	92.0
6361.6	1.57193	0.	0.	0.	0.1	0.	0.	4.0	0.	0.	0.5	5.5	22.7	20.5	43.0	57.7	47.5	55.8	77.2	94.6	68.5	75.1	82.1	[illegible]	93.3	88.9	89.1	91.9
6361.8	1.57188	0.	0.	0.	0.1	0.	0.	4.2	0.	0.	0.5	5.5	22.7	22.0	42.7	57.5	50.4	70.1	78.2	94.5	68.5	75.8	83.9	89.2	93.2	88.9	89.1	91.9
6362.0	1.57183	0.	0.	0.	0.1	0.	0.	4.3	0.	0.	0.5	5.5	22.7	23.7	45.1	57.3	52.7	73.3	79.5	94.5	68.7	75.1	84.3	90.2	94.2	88.9	89.2	[illegible]
6362.2	1.57178	0.	0.	0.	0.1	0.	0.	4.1	0.	0.	0.5	5.5	22.7	24.5	47.4	57.7	52.1	59.9	80.5	94.4	68.9	73.9	84.3	88.9	93.4	88.9	89.4	92.1
6362.4	1.57173	0.	0.	0.	0.1	0.	0.	3.7	0.	0.	0.5	5.5	22.7	23.5	48.2	57.5	49.9	55.9	79.3	94.2	68.9	73.5	83.3	87.9	92.3	88.9	89.6	[illegible]
6362.6	1.57168	0.	0.	0.	0.1	0.	0.	3.5	0.	0.	0.5	5.5	22.8	21.5	[illegible]	57.4	47.4	53.4	78.2	94.1	69.0	75.1	81.9	87.8	92.9	88.9	89.5	92.1
6362.8	1.57164	0.	0.	0.	0.1	0.	0.	3.7	0.	0.	0.5	5.5	22.9	20.7	43.9	57.5	47.1	57.1	77.3	94.3	69.0	75.0	82.1	89.6	93.1	89.9	[illegible]	91.9
6363.0	1.57159	0.	0.	0.	0.1	0.	0.	3.8	0.	0.	0.5	5.5	23.0	21.3	43.4	58.4	49.3	59.3	77.5	94.4	69.1	75.5	83.9	89.5	[illegible]	88.9	89.1	[illegible]
6363.2	1.57154	0.	0.	0.	0.1	0.	0.	3.9	0.	0.	0.5	5.6	23.2	22.5	45.1	59.1	51.4	70.4	79.1	94.6	69.1	75.0	85.1	90.1	[illegible]	88.9	89.4	[illegible]
6363.4	1.57149	0.	0.	0.	0.1	0.	0.	3.8	0.	0.	0.5	5.7	23.5	23.5	47.5	59.7	52.2	70.1	80.5	94.8	69.3	75.4	85.1	89.6	[illegible]	88.9	[illegible]	[illegible]
6363.6	1.57144	0.	0.	0.	0.1	0.	0.	3.8	0.	0.	0.5	5.8	23.7	23.4	48.6	60.2	50.5	57.9	80.9	95.0	69.5	75.3	83.7	89.6	[illegible]	88.9	[illegible]	[illegible]
6363.8	1.57139	0.	0.	0.	0.1	0.	0.	3.9	0.	0.	0.5	5.9	24.1	22.5	43.5	60.3	48.9	57.4	80.2	95.1	69.7	75.0	82.9	89.6	[illegible]	[illegible]	[illegible]	[illegible]

Table 4-1 (cont'd)

Sam. No.			2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
p (atm)		[illegible]	2.53×10^{0}	2.53×10^{0}	2.56×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.46×10^{1}	1.00×10^{1}	1.00×10^{1}	1.06×10^{1}	1.00×10^{0}	2.30×10^{-1}	[illegible]	1.16×10^{-1}	7.70×10^{-2}	[illegible]	[illegible]	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}	2.34×10^{-2}	2.34×10^{-2}	2.34×10^{-2}	2.17×10^{-1}	2.17×10^{-1}	2.17×10^{-1}
P_e (atm)		3.29×10^{0}	3.32×10^{0}	3.32×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}	3.00×10^{-1}	1.02×10^{-1}	3.04×10^{-2}	1.30×10^{1}	1.00×10^{0}	2.83×10^{-1}
u (atm cm) STP		2.17×10^{5}	1.10×10^{5}	5.57×10^{4}	2.80×10^{4}	6.71×10^{4}	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	3.30×10^{2}	3.30×10^{2}	3.30×10^{2}
(cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
6364.0	1.57134	0.	0.	0.	0.1	0.	0.	4.1	0.	0.	0.5	5.0	24.5	22.5	[illegible]	[illegible]	49.3	[illegible]	79.0	[illegible]	69.9	[illegible]	83.3	89.2	[illegible]	89.1	89.7	[illegible]
6364.2	1.57129	0.	0.	0.	0.1	0.	0.	4.2	0.	0.	0.5	5.1	24.9	23.1	47.2	59.9	50.9	70.1	79.3	[illegible]	70.1	[illegible]	84.0	90.0	93.7	89.2	89.7	92.0
6364.4	1.57124	0.	0.	0.	0.1	0.	0.	4.3	0.	0.	0.5	5.3	25.2	24.0	[illegible]	59.5	52.7	70.5	80.2	84.9	70.3	[illegible]	84.5	90.2	[illegible]	89.3	89.7	92.1
6364.6	1.57119	0.	0.	0.	0.1	0.	0.	4.4	0.	0.	0.5	5.5	25.4	24.5	49.1	59.3	52.5	68.8	80.3	[illegible]	70.5	[illegible]	84.2	89.1	93.4	89.4	89.8	92.2
6364.8	1.57114	0.	0.	0.	0.1	0.	0.	4.4	0.	0.	0.5	5.7	25.7	23.8	48.6	59.1	50.5	67.1	80.4	[illegible]	70.8	[illegible]	83.1	88.5	92.5	89.5	89.9	92.3
6365.0	1.57109	0.	0.	0.	0.1	0.	0.	4.5	0.	0.	0.5	5.9	26.0	23.0	[illegible]	59.2	49.2	67.1	78.5	[illegible]	71.0	[illegible]	82.4	88.5	92.5	89.7	90.0	92.4
6365.2	1.57104	0.	0.	0.	0.1	0.	0.	5.4	0.	0.	0.5	7.2	26.4	[illegible]	[illegible]	59.4	49.8	[illegible]	77.3	84.4	71.3	[illegible]	82.9	89.4	93.1	89.8	90.0	92.4
6365.4	1.57099	0.	0.	0.	0.1	0.	0.	5.3	0.	0.	0.5	7.4	26.9	24.2	[illegible]	59.5	52.5	70.0	78.5	84.4	71.5	77.1	84.5	90.3	93.7	89.9	90.1	92.4
6365.6	1.57094	0.	0.	0.	0.1	0.	0.	6.0	0.	0.	0.5	7.7	27.3	26.3	[illegible]	59.4	53.9	70.5	79.9	[illegible]	71.8	77.6	84.9	90.0	[illegible]	90.0	91.1	92.5
6365.8	1.57089	0.	0.	0.	0.1	0.	0.	5.9	0.	0.	0.5	8.0	27.7	26.5	50.8	59.3	52.9	68.8	80.4	84.4	72.1	77.8	84.7	89.3	93.1	90.1	90.2	92.5
6366.0	1.57085	0.	0.	0.	0.1	0.	0.	5.5	0.	0.	0.5	8.2	28.1	25.8	50.4	59.3	51.3	67.3	79.7	84.4	72.5	[illegible]	83.4	[illegible]	92.4	90.3	90.3	92.7
6366.2	1.57080	0.	0.	0.	0.1	0.	0.	5.5	0.	0.	0.5	8.6	28.6	24.5	[illegible]	59.4	50.5	67.2	78.4	84.4	72.9	[illegible]	83.3	88.7	92.5	90.4	90.5	92.3
6366.4	1.57075	0.	0.	0.	0.1	0.	0.	5.9	0.	0.	0.7	9.0	29.1	24.9	45.4	59.7	51.5	69.1	78.0	[illegible]	73.3	[illegible]	84.3	90.0	93.1	90.5	90.5	92.3
6366.6	1.57070	0.	0.	0.	0.1	0.	0.	6.3	0.	0.	0.8	9.5	29.7	26.2	[illegible]	60.5	54.1	71.3	78.9	[illegible]	73.7	[illegible]	85.1	90.9	93.5	90.8	90.6	92.7
6366.8	1.57065	0.	0.	0.	0.1	0.	0.	6.5	0.	0.	0.9	9.9	30.3	27.5	[illegible]	61.3	55.2	71.5	[illegible]	[illegible]	74.0	[illegible]	85.5	90.8	93.5	90.9	90.7	92.7
6367.0	1.57060	0.	0.	0.	0.1	0.	0.	6.4	0.	0.	1.0	10.3	31.0	27.7	51.2	61.3	54.7	70.7	81.7	[illegible]	74.4	79.0	85.2	89.7	93.1	91.1	90.8	[illegible]
6367.2	1.57055	0.	0.	0.	0.1	0.	0.	6.1	0.	0.	1.1	10.7	31.6	26.4	[illegible]	[illegible]	53.5	69.8	80.9	[illegible]	74.9	79.2	84.7	89.3	[illegible]	91.3	91.0	92.9
6367.4	1.57050	0.	0.	0.	0.1	0.	0.	6.0	0.	0.	1.2	11.1	32.3	25.5	[illegible]	62.0	53.3	70.3	80.4	[illegible]	75.4	79.1	84.7	89.6	93.1	91.5	91.2	93.0
6367.6	1.57045	0.	0.	0.	0.1	0.	0.	6.1	0.	0.	1.4	11.6	33.0	26.2	[illegible]	61.5	55.2	70.8	80.4	[illegible]	76.0	79.4	85.1	90.4	93.7	91.7	91.3	93.1
6367.8	1.57040	0.	0.	0.	0.1	0.	0.	6.2	0.	0.	1.5	12.1	33.8	26.9	[illegible]	60.9	55.8	70.8	81.0	[illegible]	76.4	[illegible]	85.5	90.4	94.1	91.9	91.5	93.2
6368.0	1.57035	0.	0.	0.	0.1	0.	0.	6.2	0.	0.	1.8	12.6	34.5	27.0	[illegible]	60.3	55.6	70.4	81.4	[illegible]	76.8	[illegible]	85.8	90.2	93.4	92.0	91.6	93.2
6368.2	1.57030	0.	0.	0.	0.2	0.	0.	6.1	0.	0.	2.0	13.2	35.3	26.5	[illegible]	[illegible]	55.0	69.8	81.2	[illegible]	77.2	[illegible]	85.4	89.7	[illegible]	92.1	91.7	93.3
6368.4	1.57025	0.	0.	0.	0.3	0.	0.	6.0	0.	0.	2.1	13.8	36.2	26.0	[illegible]	59.7	55.1	69.9	80.7	[illegible]	77.7	[illegible]	85.2	89.7	93.3	92.3	91.9	93.4
6368.6	1.57020	0.	0.	0.	0.4	0.	0.0	6.2	0.	0.	2.3	14.4	37.0	26.2	[illegible]	[illegible]	56.0	70.1	80.3	[illegible]	78.1	[illegible]	85.2	90.0	93.4	92.5	92.1	93.5
6368.8	1.57015	0.	0.	0.	0.4	0.	0.1	6.4	0.	0.	2.5	15.3	37.9	26.9	[illegible]	[illegible]	57.0	[illegible]	80.3	[illegible]	78.5	[illegible]	85.6	90.4	93.5	92.6	92.3	93.7
6369.0	1.57011	0.	0.	0.	0.4	0.	0.3	6.9	0.	0.	2.7	15.1	38.7	27.6	[illegible]	[illegible]	57.7	71.5	80.7	[illegible]	79.0	[illegible]	86.2	90.5	93.5	92.8	[illegible]	[illegible]
6369.2	1.57006	0.	0.	0.	0.5	0.	0.4	7.3	0.	0.	2.9	15.9	39.5	28.2	[illegible]	[illegible]	58.3	[illegible]	81.2	[illegible]	79.5	[illegible]	86.0	90.5	93.7	92.9	92.6	[illegible]
6369.4	1.57001	0.	0.	0.	0.5	0.	0.4	7.9	0.	0.	3.2	17.8	40.7	28.9	[illegible]	[illegible]	58.9	[illegible]	81.5	[illegible]	79.9	[illegible]	86.2	90.6	[illegible]	93.1	92.8	93.9
6369.6	1.56996	0.	0.	0.	0.5	0.	0.4	8.5	0.	0.	3.5	18.6	41.9	29.9	[illegible]	62.1	59.5	72.1	81.7	[illegible]	80.4	[illegible]	86.7	90.7	93.7	93.3	92.9	94.0
6369.8	1.56991	0.	0.	0.	0.5	0.	0.4	9.3	0.	0.	3.8	19.5	43.0	30.9	[illegible]	62.7	60.1	72.5	81.5	[illegible]	80.9	[illegible]	86.9	90.8	[illegible]	93.4	93.1	94.1
6370.0	1.56986	0.	0.	0.	0.9	0.	0.4	[illegible]	0.	0.	4.2	20.4	44.0	31.9	[illegible]	[illegible]	60.5	[illegible]	81.5	[illegible]	81.5	[illegible]	87.1	90.9	[illegible]	93.6	93.2	94.2
6370.2	1.56981	0.	0.	0.	1.1	0.	0.4	11.3	0.	0.	4.5	21.4	45.0	[illegible]	[illegible]	[illegible]	61.4	73.3	81.5	[illegible]	82.0	[illegible]	87.3	[illegible]	94.0	93.7	93.3	94.3
6370.4	1.56976	0.	0.	0.	1.3	0.	0.4	12.9	0.	0.	5.1	22.4	45.9	34.9	[illegible]	[illegible]	62.5	[illegible]	82.1	[illegible]	82.5	[illegible]	87.5	[illegible]	94.1	93.8	93.4	94.5
6370.6	1.56971	0.	0.	0.0	1.5	0.	0.4	14.5	0.	0.2	5.7	23.5	46.9	36.7	[illegible]	[illegible]	64.0	75.6	[illegible]	[illegible]	82.9	[illegible]	87.9	91.4	94.1	93.9	[illegible]	94.7
6370.8	1.56966	0.	0.	0.1	1.7	0.	0.5	15.4	0.	0.3	6.4	24.6	48.0	38.3	[illegible]	67.9	65.0	75.1	83.9	[illegible]	83.4	[illegible]	88.2	91.7	94.2	94.0	[illegible]	94.8
6371.	1.56961	0.	0.	0.1	2.1	0.	0.6	16.2	0.	0.3	7.0	25.7	49.1	39.5	[illegible]	68.5	65.5	75.4	84.0	[illegible]	83.9	[illegible]	88.4	91.7	94.3	94.2	94.0	95.1
6371.2	1.56956	0.	0.	0.1	2.4	0.	0.6	16.9	0.	0.3	7.7	25.9	50.2	40.2	[illegible]	69.2	66.1	75.8	84.1	[illegible]	84.3	[illegible]	88.7	91.6	94.0	94.4	94.2	95.1
6371.4	1.56951	0.	0.	0.1	2.7	0.	0.7	18.0	0.	0.4	8.4	28.2	51.4	40.8	[illegible]	[illegible]	66.7	77.4	84.5	[illegible]	84.7	[illegible]	88.8	91.9	94.1	94.5	94.4	95.3
6371.6	1.56946	0.	0.	0.1	3.1	0.	0.9	19.2	0.1	0.7	9.0	29.5	52.6	42.2	[illegible]	[illegible]	68.1	78	85.1	[illegible]	85.2	[illegible]	89.2	92.3	94.3	94.9	94.6	95.5
6371.8	1.56942	0.	0.	0.1	3.5	0.	1.0	19.9	0.2	0.9	9.3	30.7	53.9	43.3	[illegible]	[illegible]	69.0	[illegible]	85.5	[illegible]	85.7	[illegible]	89.3	92.6	94.5	95.1	94.7	95.5
6372.0	1.56937	0.	0.	0.1	3.9	0.	1.0	20.1	0.2	1.1	10.7	31.9	55.2	43.5	[illegible]	[illegible]	69.3	77.6	85.4	[illegible]	86.2	[illegible]	[illegible]	92.3	94.5	95.3	94.9	95.7
6372.2	1.56932	0.	0.	0.1	4.2	0.	1.1	19.9	0.3	1.4	11.5	33.1	56.5	43.3	[illegible]	[illegible]	69.2	77.4	85.2	[illegible]	86.7	[illegible]	[illegible]	92.0	94.5	95.4	95.0	95.8
6372.4	1.56927	0.	0.	0.1	4.5	0.	1.1	19.8	0.3	1.8	12.4	34.5	57.6	43.1	[illegible]	[illegible]	69.1	77.6	84.5	[illegible]	87.1	[illegible]	[illegible]	92.1	94.5	95.5	95.2	95.9
6372.6	1.56922	0.	0.	0.1	4.9	0.	1.1	20.2	0.4	2.0	13.4	35.0	58.6	43.7	[illegible]	[illegible]	70.4	78.6	84.5	[illegible]	87.5	[illegible]	[illegible]	92.6	94.5	95.7	95.4	96.1
6372.8	1.56917	0.	0.	0.1	5.3	0.	1.1	20.5	0.4	2.1	14.4	37.4	59.6	44.5	[illegible]	[illegible]	71.4	79.1	85.0	[illegible]	88.0	[illegible]	[illegible]	93.0	94.9	95.8	95.5	96.2
6373.0	1.56912	0.	0.	0.1	5.7	0.	1.1	20.5	0.4	2.4	15.5	38.8	60.7	[illegible]	[illegible]	[illegible]	72.0	[illegible]	85.0	[illegible]	88.4	[illegible]	91.0	93.1	[illegible]	95.9	[illegible]	96.4
6373.2	1.56907	0.	0.	0.2	6.1	0.	1.1	19.8	0.5	2.8	16.3	40.1	62.0	[illegible]	[illegible]	[illegible]	72.2	[illegible]	85.1	[illegible]	88.8	[illegible]	91.1	93.1	[illegible]	95.9	[illegible]	96.5
6373.4	1.56902	0.	0.	0.3	6.5	0.0	1.1	19.9	0.5	3.1	18.0	41.3	63.4	44.0	[illegible]	[illegible]	72.0	78.7	85.7	[illegible]	89.2	[illegible]	91.1	93.1	94.5	96.1	[illegible]	96.5
6373.6	1.56897	0.	0.	0.4	7.3	0.1	1.1	21.0	0.5	3.7	19.3	42.7	64.6	44.5	[illegible]	[illegible]	73.5	[illegible]	85.4	[illegible]	89.6	[illegible]	91.2	93.2	94.6	96.3	95.2	96.7
6373.8	1.56892	0.	0.0	0.5	[illegible]	0.1	[illegible]	22.9	0.7	4.3	20.7	44.4	65.6	46.3	[illegible]	[illegible]	74.5	[illegible]	85.5	[illegible]	89.9	[illegible]	91.3	93.4	94.8	96.4	95.3	[illegible]
6374.	1.56887	0.	0.2	[illegible]	9.2	0.1	[illegible]	24.4	0.9	4.8	22.2	46.1	65.7	[illegible]	[illegible]	[illegible]	75.5	[illegible]	86.4	[illegible]	90.2	[illegible]	91.4	[illegible]	[illegible]	96.5	95.4	[illegible]
6374.2	1.56882	0.	0.2	0.9	10.4	0.2	[illegible]	25.7	1.2	5.4	23.5	47.7	67.7	[illegible]	[illegible]	[illegible]	75.9	[illegible]	87.0	[illegible]	90.5	[illegible]	[illegible]	[illegible]	[illegible]	96.5	[illegible]	96.9
6374.4	1.56878	0.	0.2	1.1	11.5	0.2	[illegible]	27.2	1.3	6.1	25.1	49.3	68.8	[illegible]	[illegible]	[illegible]	76.4	[illegible]	87.2	[illegible]	90.9	[illegible]	[illegible]	[illegible]	[illegible]	96.8	[illegible]	[illegible]
6374.6	1.56873	0.	0.3	[illegible]	12.9	0.3	[illegible]	28.7	1.5	6.9	26.5	50.8	69.9	[illegible]	[illegible]	[illegible]	76.9	[illegible]	[illegible]	[illegible]	91.2	[illegible]	92.7	[illegible]	[illegible]	96.8	[illegible]	97.1
6374.8	1.56865	0.	0.4	[illegible]	14.4	0.5	2.1	30.5	2.0	7.7	27.9	52.4	71.0	[illegible]	[illegible]	[illegible]	77.9	[illegible]	[illegible]	[illegible]	91.5	[illegible]	92.8	94.2	[illegible]	96.9	[illegible]	[illegible]
6375.	1.56863	0.	[illegible]	2.2	[illegible]	0.7	2.6	33.2	2.2	5.7	29.5	53.8	72.0	54.3	[illegible]	[illegible]	79.4	[illegible]	87.3	[illegible]	91.9	[illegible]	[illegible]	94.4	[illegible]	97.0	[illegible]	[illegible]
6375.2	1.56858	0.	[illegible]	[illegible]	17.4	0.9	[illegible]	36.0	2.4	9.6	31.3	55.2	73.1	[illegible]	[illegible]	[illegible]	80.1	84.2	[illegible]	[illegible]	92.3	[illegible]	93.3	94.6	[illegible]	97.0	97.0	97.4
6375.4	1.56853	0.	[illegible]	[illegible]	[illegible]	1.1	4.6	38.4	2.8	10.5	33.0	56.7	74.1	[illegible]	[illegible]	[illegible]	[illegible]	84.6	88.4	[illegible]	92.7	[illegible]	[illegible]	[illegible]	[illegible]	97.1	97.1	97.5
6375.6	1.56848	0.	[illegible]	[illegible]	[illegible]	1.3	[illegible]	39.3	3.2	11.5	34.5	58.1	75.1	[illegible]	[illegible]	[illegible]	81.7	85.1	88.7	[illegible]	[illegible]	[illegible]	[illegible]	94.9	[illegible]	97.2	97.2	[illegible]
6375.8	1.56843	0.	[illegible]	[illegible]	[illegible]	1.5	[illegible]	[illegible]	3.7	12.6	36.1	59.4	75.9	[illegible]	[illegible]	[illegible]	82.5	85.4	[illegible]	[illegible]	93.4	[illegible]	[illegible]	95.1	[illegible]	97.3	97.3	[illegible]
[illegible]	[illegible]	0.	[illegible]	[illegible]	[illegible]	1.9	[illegible]	41.7	4.4	13.6	37.5	[illegible]	76.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.4	[illegible]	[illegible]	97.4	97.4	[illegible]
[illegible]	[illegible]	0.	[illegible]	[illegible]	[illegible]	2.4	[illegible]	[illegible]	5.3	14.8	39.1	62.1	77.7	[illegible]	[illegible]	[illegible]	83.5	[illegible]	[illegible]	[illegible]	93.3	[illegible]	94.6	[illegible]	[illegible]	97.6	[illegible]	[illegible]
[illegible]	[illegible]	0.	[illegible]	[illegible]	[illegible]	2.9	[illegible]	[illegible]	6.1	15.4	40.9	[illegible]	78.6	[illegible]	[illegible]	[illegible]	84.4	[illegible]	[illegible]	[illegible]	94.2	[illegible]	[illegible]	[illegible]	[illegible]	97.7	[illegible]	[illegible]
[illegible]	1.56823	0.	[illegible]	[illegible]	[illegible]	3.2	[illegible]	42.8	6.9	19.0	42.7	[illegible]	79.5	[illegible]	[illegible]	[illegible]	85.3	[illegible]	[illegible]	[illegible]	94.4	[illegible]	[illegible]	[illegible]	[illegible]	97.8	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.4	[illegible]	[illegible]	7.7	19.6	44.5	65.4	80.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

6377.0	1.56814	0.	1.3	9.1	30.5	3.4	3.4	43.7	8.5	21.2	46.3	67.6	81.2	65.5	74.0	79.4	85.7	88.0	90.1	91.0	94.7	95.1	95.5	95.2	96.7	98.1	97.9	98.4
6377.2	1.56809	0.	1.9	9.5	32.1	3.4	7.6	45.9	9.5	22.8	48.1	68.8	82.1	66.0	73.6	79.3	86.2	88.5	90.3	91.3	95.2	95.4	95.9	95.3	96.9	98.2	98.1	98.5
6377.4	1.56804	0.	2.3	10.7	34.1	3.5	7.3	47.9	10.7	24.5	50.0	69.9	82.9	67.5	73.7	80.4	87.1	89.2	90.5	91.5	95.4	95.5	96.1	95.4	97.0	98.3	98.2	98.5
6377.6	1.56799	0.	2.4	11.9	36.2	4.0	7.2	49.9	11.5	25.1	51.7	71.2	83.6	70.0	75.2	81.2	88.2	89.7	90.7	91.7	95.5	95.7	96.2	95.6	97.0	98.4	98.3	98.5
6377.8	1.56794	0.0	3.1	13.4	38.3	4.5	7.5	51.5	13.2	27.8	53.5	72.6	84.3	71.3	75.6	81.7	88.5	89.9	91.0	91.9	95.9	95.9	96.3	95.7	97.1	98.5	98.4	98.5
6378.0	1.56789	0.2	3.9	14.4	40.4	5.3	9.8	53.2	14.7	29.6	55.2	74.1	85.0	72.5	77.5	82.3	88.9	90.4	91.3	92.2	96.1	96.1	96.5	95.8	97.3	98.5	98.5	98.7
6378.2	1.56784	0.3	4.5	15.9	42.3	6.3	10.4	55.2	16.0	31.3	57.0	75.5	85.7	73.9	78.1	82.7	89.3	90.8	91.5	92.4	96.2	96.4	96.9	95.9	97.4	98.5	98.5	98.8
6378.4	1.56779	0.4	5.3	17.9	44.2	7.8	12.0	57.0	17.0	33.3	58.7	76.5	86.4	75.1	78.8	83.4	90.1	91.2	92.0	92.7	96.4	96.7	97.1	97.1	97.5	98.5	98.6	98.8
6378.6	1.56774	0.5	6.1	20.0	46.2	9.3	13.4	58.5	18.2	35.3	60.4	77.5	87.1	76.3	79.5	83.8	90.8	91.7	92.4	92.9	96.5	96.9	97.2	97.2	97.5	98.5	98.7	98.9
6378.8	1.56769	1.0	6.9	21.9	48.1	10.5	14.5	60.4	19.7	37.3	62.2	78.5	87.8	77.4	80.4	84.2	91.2	92.2	92.5	93.2	96.9	97.1	97.4	97.4	97.7	98.5	98.7	99.0
6379.0	1.56764	1.1	8.0	23.9	50.1	11.9	15.9	61.3	21.5	39.3	63.5	79.4	88.3	78.3	81.5	84.7	91.4	92.5	92.9	93.3	97.0	97.2	97.5	97.5	97.7	98.7	98.8	99.0
6379.2	1.56759	1.2	9.1	25.6	52.0	12.9	17.1	62.3	23.3	41.2	65.0	80.3	88.9	79.3	82.1	85.3	91.5	92.6	93.2	93.5	97.2	97.4	97.9	97.7	97.8	98.7	98.8	99.0
6379.4	1.56755	1.4	10.3	27.1	53.7	13.7	18.2	63.9	25.0	43.1	66.4	81.3	89.4	80.2	82.6	86.1	92.1	93.1	93.5	93.8	97.3	97.5	98.0	97.8	98.0	98.8	98.9	99.1
6379.6	1.56750	1.5	12.4	28.5	55.5	14.9	19.6	66.1	26.7	45.1	67.9	82.2	89.9	81.3	83.5	86.7	92.5	93.7	93.9	94.2	97.5	97.7	98.0	98.0	98.1	98.9	99.0	99.2
6379.8	1.56745	1.5	14.1	30.7	57.2	17.4	19.7	68.0	28.5	47.2	69.2	83.1	90.4	82.5	84.1	87.1	93.1	94.1	94.2	94.3	97.6	97.8	98.1	98.0	98.2	99.0	99.1	99.2
6380.0	1.56740	1.9	15.5	33.2	59.0	19.9	21.8	69.5	30.5	49.2	70.5	84.0	90.9	83.5	85.2	87.5	93.5	94.3	94.5	94.5	97.9	98.0	98.2	98.1	98.3	99.1	99.2	99.2
6380.2	1.56735	2.4	16.9	35.6	60.9	22.2	24.5	70.8	32.5	51.2	71.9	84.9	91.4	84.3	85.3	88.1	94.0	94.5	94.9	94.8	97.9	98.0	98.3	98.2	98.4	99.2	99.2	99.2
6380.4	1.56730	3.2	18.3	37.8	62.7	24.0	27.1	72.0	34.4	53.1	73.2	85.5	91.9	84.9	85.8	88.7	94.1	94.7	95.1	95.0	98.1	98.1	98.4	98.3	98.5	99.3	99.3	99.2
6380.6	1.56725	3.9	20.0	40.5	64.5	25.8	29.4	73.3	36.2	54.9	74.4	86.2	92.3	85.4	87.0	89.1	94.3	95.0	95.3	95.2	98.2	98.2	98.5	98.3	98.5	99.4	99.3	99.3
6380.8	1.56720	4.4	21.9	42.6	66.2	27.7	31.0	74.3	38.1	55.8	75.7	86.9	92.8	86.3	87.3	89.7	94.7	95.4	95.5	95.4	98.4	98.3	98.7	98.4	98.7	99.4	99.3	99.3
6381.0	1.56715	5.1	24.0	44.3	67.9	29.7	32.2	75.5	39.5	58.4	76.9	87.5	93.1	87.1	87.9	90.1	94.9	95.7	95.5	95.7	98.5	98.5	98.8	98.5	98.8	99.5	99.3	99.4
6381.2	1.56710	5.9	25.8	46.2	69.4	32.0	33.5	77.1	41.5	60.0	78.0	88.2	93.4	87.9	88.5	90.3	95.1	95.9	95.7	95.9	98.5	98.6	98.9	98.6	98.9	99.5	99.4	99.4
6381.4	1.56705	6.9	27.5	48.6	70.9	34.0	34.7	78.1	43.5	61.6	79.1	88.9	93.8	88.5	89.1	90.8	95.4	96.1	95.9	96.0	98.7	98.7	99.0	98.7	98.9	99.5	99.4	99.4
6381.6	1.56701	8.0	29.5	50.9	72.3	36.0	35.1	79.2	45.1	63.2	80.1	89.5	94.1	89.0	90.0	91.3	95.7	96.3	96.2	96.2	98.9	98.7	99.0	98.8	98.9	99.5	99.4	99.5
6381.8	1.56696	8.9	31.7	52.9	73.8	38.2	37.7	80.3	47.2	64.8	81.0	90.0	94.4	89.4	90.5	91.7	95.9	96.5	96.4	96.4	99.0	98.8	99.1	98.8	99.0	99.5	99.4	99.5
6382.0	1.56691	10.2	34.1	54.7	75.1	40.7	39.3	81.5	48.9	66.3	82.0	90.5	94.7	90.2	91.0	92.3	96.0	96.6	96.7	96.6	99.1	98.9	99.1	98.9	99.2	99.5	99.4	99.5
6382.2	1.56686	11.9	36.9	56.5	76.5	43.5	41.1	82.7	50.5	67.8	82.9	90.9	95.0	91.1	91.5	92.9	96.3	96.7	96.9	96.8	99.2	98.9	99.2	99.0	99.2	99.5	99.4	99.5
6382.4	1.56681	13.3	39.4	58.5	77.5	46.2	44.1	83.5	52.5	69.0	83.5	91.3	95.2	91.5	92.1	93.4	96.5	96.8	97.1	97.0	99.3	99.0	99.2	99.1	99.2	99.5	99.5	99.7
6382.6	1.56676	15.7	41.3	60.6	78.7	48.7	47.6	84.3	54.3	70.3	84.4	91.6	95.5	92.1	92.8	94.1	96.8	96.9	97.3	97.3	99.4	99.1	99.2	99.2	99.2	99.5	99.5	99.7
6382.8	1.56671	17.5	43.0	62.7	79.9	50.9	50.8	85.1	56.1	71.5	85.2	92.0	95.7	92.7	93.3	94.4	97.0	97.0	97.5	97.5	99.4	99.2	99.2	99.3	99.2	99.7	99.5	99.8
6383.0	1.56666	18.5	45.0	64.4	80.9	52.7	53.3	85.9	57.7	72.9	85.9	92.4	95.9	93.2	93.5	94.5	97.1	97.2	97.7	97.6	99.4	99.2	99.2	99.4	99.4	99.7	99.5	99.8
6383.2	1.56661	19.3	47.1	65.9	81.8	54.4	54.8	86.7	59.3	74.3	86.4	92.7	96.1	93.4	93.7	94.7	97.0	97.3	97.8	97.6	99.4	99.3	99.3	99.4	99.5	99.7	99.5	99.8
6383.4	1.56656	21.3	49.3	67.4	82.9	56.0	56.2	87.5	61.1	75.8	87.0	93.1	96.2	93.7	94.0	94.9	97.2	97.6	97.9	97.6	99.5	99.3	99.3	99.5	99.5	99.7	99.5	99.9
6383.6	1.56651	23.3	51.5	68.7	83.7	57.7	58.0	88.2	62.5	76.9	87.5	93.4	96.4	94.0	94.4	95.3	97.4	97.7	97.9	97.7	99.5	99.4	99.3	99.5	99.7	99.7	99.5	99.9
6383.8	1.56647	25.3	53.3	70.2	84.5	59.7	59.2	88.7	63.9	77.8	88.2	93.7	96.7	94.2	94.7	95.5	97.5	97.7	98.1	97.9	99.5	99.4	99.3	99.6	99.7	99.7	99.6	99.9
6384.0	1.56642	27.2	54.9	71.9	85.4	61.3	60.4	89.2	65.0	78.7	88.9	94.0	96.9	94.3	94.8	95.8	97.5	97.8	98.1	98.1	99.5	99.4	99.4	99.6	99.8	99.7	99.6	99.9
6384.2	1.56637	28.5	56.5	73.3	86.1	62.9	61.7	89.9	66.1	79.6	89.4	94.3	97.0	94.5	95.0	96.0	97.5	97.9	98.2	98.1	99.5	99.4	99.4	99.6	99.9	99.7	99.6	99.9
6384.4	1.56632	31.5	58.4	74.2	86.8	64.5	63.1	90.5	67.4	80.4	89.9	94.6	97.2	94.8	95.5	96.2	97.7	98.0	98.2	98.2	99.5	99.5	99.4	99.6	100.0	99.7	99.6	99.9
6384.6	1.56627	33.5	60.4	75.4	87.5	66.1	64.0	90.9	68.5	81.2	90.4	94.8	97.3	95.2	96.0	96.4	97.7	98.1	98.3	98.3	99.5	99.5	99.4	99.7	100.0	99.7	99.6	99.9
6384.8	1.56622	35.4	62.4	76.6	88.1	68.2	65.2	91.5	69.5	82.1	90.9	95.1	97.4	95.5	96.5	97.0	97.8	98.2	98.5	98.4	99.5	99.5	99.4	99.7	100.0	99.7	99.6	99.9
6385.0	1.56617	37.3	64.1	77.9	88.7	70.1	68.4	92.1	70.5	82.9	91.3	95.4	97.5	96.1	96.3	97.1	98.0	98.4	98.5	98.4	99.5	99.6	99.5	99.8	100.0	99.8	99.7	99.9
6385.2	1.56612	39.5	65.5	79.2	89.4	71.4	70.0	92.5	72.0	83.7	91.7	95.6	97.7	96.3	96.4	97.1	98.0	98.5	98.7	98.5	99.5	99.6	99.5	99.9	100.0	99.8	99.7	99.9
6385.4	1.56607	41.4	67.1	79.9	90.0	72.5	71.5	93.1	73.1	84.5	92.1	95.8	97.8	96.4	96.6	97.1	98.0	98.5	98.9	98.7	99.5	99.6	99.5	100.0	100.0	99.8	99.7	99.9
6385.6	1.56602	43.5	68.9	80.9	90.4	73.7	72.7	93.5	74.2	85.3	92.5	96.0	97.9	96.5	97.0	97.3	98.0	98.4	98.9	98.8	99.5	99.6	99.5	100.0	100.0	99.8	99.7	99.9
6385.8	1.56597	45.3	70.7	81.8	91.0	74.7	73.9	93.9	75.0	86.0	92.9	96.2	98.0	96.5	97.1	97.5	98.0	98.6	99.0	98.9	99.5	99.6	99.6	100.0	100.0	99.8	99.7	99.9
6386.0	1.56593	47.9	72.4	82.6	91.5	75.7	75.4	94.3	76.1	86.7	93.1	96.4	98.1	96.7	97.2	97.5	98.2	98.8	99.0	98.9	99.5	99.7	99.6	100.0	100.0	99.8	99.7	100.0
6386.2	1.56589	50.5	73.4	83.7	92.1	77.0	75.9	94.8	77.3	87.3	93.4	96.6	98.2	97.0	97.5	97.8	98.5	98.9	99.1	99.0	99.5	99.7	99.6	100.0	100.0	99.8	99.7	100.0
6386.4	1.56583	52.3	74.7	84.4	92.5	78.2	78.2	95.1	78.3	87.8	93.7	96.7	98.3	97.1	97.3	97.9	98.7	99.0	99.2	99.1	99.7	99.7	99.6	100.0	100.0	99.8	99.8	100.0
6386.6	1.56578	54.3	76.0	85.2	92.9	79.3	79.4	95.4	78.9	88.4	94.0	96.9	98.4	97.4	97.6	98.1	98.5	99.0	99.2	99.1	99.7	99.7	99.6	100.0	100.0	99.8	99.8	100.0
6386.8	1.56573	56.3	77.1	86.1	93.2	80.3	80.5	95.7	79.4	88.9	94.2	97.0	98.5	97.5	97.7	98.3	98.5	99.1	99.3	99.2	99.7	99.7	99.7	100.0	100.0	99.8	99.8	100.0
6387.0	1.56568	58.5	78.2	86.9	93.4	81.2	81.9	96.0	80.5	89.3	94.5	97.1	98.6	97.5	97.8	98.4	98.5	99.1	99.3	99.2	99.7	99.8	99.7	100.0	100.0	99.9	99.8	100.0
6387.2	1.56563	60.3	79.3	87.7	93.8	82.0	82.8	96.2	81.2	89.6	94.7	97.2	98.6	97.9	97.8	98.5	98.7	99.1	99.4	99.3	99.7	99.8	99.7	100.0	100.0	99.9	99.8	100.0
6387.4	1.56559	62.0	80.5	88.4	94.3	82.7	83.7	96.4	82.1	90.0	95.0	97.3	98.7	98.0	97.9	98.5	99.0	99.1	99.4	99.3	99.7	99.8	99.7	100.0	100.0	99.9	99.8	100.0
6387.6	1.56553	63.5	81.4	88.9	94.5	83.4	84.6	96.7	82.7	90.4	95.2	97.4	98.8	98.2	98.0	98.8	98.9	99.1	99.5	99.4	99.7	99.8	99.8	100.0	100.0	99.9	99.9	100.0
6387.8	1.56549	65.7	82.1	89.4	94.9	84.1	85.2	97.0	83.2	90.8	95.5	97.6	98.8	98.3	98.1	98.9	98.9	99.2	99.5	99.4	99.7	99.8	99.8	100.0	100.0	99.9	99.9	100.0
6388.0	1.56544	67.1	82.9	89.9	95.2	84.9	85.5	97.1	83.7	91.2	95.9	97.7	98.9	98.4	98.2	99.0	98.9	99.2	99.5	99.5	99.8	99.9	99.8	100.0	100.0	99.9	99.9	100.0
6388.2	1.56539	68.3	83.8	90.3	95.4	85.5	85.7	97.3	84.2	91.6	96.0	97.9	98.9	98.5	98.2	99.1	98.9	99.2	99.5	99.6	99.8	99.9	99.8	100.0	100.0	99.9	99.9	100.0
6388.4	1.56534	70.0	85.1	90.8	95.5	86.2	87.4	97.4	84.5	91.9	96.1	98.0	98.9	98.7	98.4	99.2	99.1	99.2	99.7	99.6	99.8	100.0	99.8	100.0	100.0	99.9	99.9	100.0
6388.6	1.56529	71.5	85.7	91.2	95.8	86.9	88.2	97.7	84.9	92.2	96.3	98.1	98.9	98.7	98.5	99.2	99.1	99.3	99.7	99.6	99.8	100.0	99.9	100.0	100.0	99.9	99.9	100.0
6388.8	1.56524	73.2	86.4	91.7	96.0	87.5	89.1	97.9	85.5	92.6	96.4	98.2	98.9	98.8	98.6	99.3	99.2	99.3	99.7	99.6	99.8	100.0	99.9	100.0	100.0	99.9	100.0	100.0
6389.0	1.56519	74.7	87.2	92.2	96.3	88.1	89.7	98.0	86.1	92.9	96.5	98.2	99.0	98.9	98.6	99.4	99.3	99.3	99.8	99.7	99.8	100.0	99.9	100.0	100.0	99.9	100.0	100.0
6389.2	1.56514	75.3	88.1	92.7	96.7	88.4	90.2	98.2	86.5	93.2	96.5	98.3	99.1	98.9	98.6	99.4	99.4	99.3	99.8	99.7	99.8	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6389.4	1.56509	77.1	88.5	93.1	96.9	89.4	90.6	98.5	87.0	93.6	96.7	98.3	99.2	99.0	98.6	99.5	99.3	99.4	99.9	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6389.6	1.56504	78.3	89.0	93.5	97.0	90.1	91.1	98.7	87.4	93.8	96.9	98.3	99.2	99.0	98.6	99.5	99.4	99.4	99.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6389.8	1.56499	79.2	89.5	93.9	97.1	90.5	91.6	98.8	87.9	94.0	96.9	98.4	99.2	99.0	99.0	99.5	99.4	99.4	99.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6390.0	1.56495	79.7	90.3	94.3	97.2	91.0	92.1	98.9	88.0	94.2	97.0	98.4	99.3	99.1	99.2	99.5	99.4	99.4	100.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6390.2	1.56490	80.5	90.8	94.5	97.4	91.4	92.4	99.1	88.3	94.4	97.1	98.4	99.3	99.2	99.3	99.5	99.4	99.5	100.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6390.4	1.56485	81.7	91.3	94.8	97.4	91.8	92.8	99.1	88.5	94.5	97.2	98.5	99.3	99.2	99.4	99.7	99.5	99.5	100.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6390.6	1.56480	83.1	91.8	95.0	97.5	92.2	93.2	99.1	89.1	94.7	97.3	98.6	99.3	99.2	99.6	99.7	99.5	99.5	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6390.8	1.56475	84.2	92.4	95.1	97.7	92.5	93.7	99.2	89.3	94.8	97.4	98.6	99.3	99.3	99.5	99.7	99.5	99.5	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6391.0	1.56470	84.5	92.8	95.3	98.1	93.0	94.2	99.2	89.5	94.8	97.5	98.7	99.3	99.3	99.4	99.7	99.5	99.5	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6391.2	1.56465	85.5	93.2	95.8	98.2	93.3	94.4	99.2	90.0	94.9	97.5	98.7	99.4	99.3	99.4	99.7	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6391.4	1.56460	86.3	93.5	95.8	98.2	93.5	94.7	99.3	90.3	94.9	97.7	98.8	99.4	99.4	99.4	99.7	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6391.6	1.56455	86.7	93.9	96.1	98.3	93.7	95.1	99.4	90.5	95.1	97.9	98.9	99.4	99.4	99.5	99.9	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6391.8	1.56450	87.3	94.1	96.5	98.3	94.0	95.4	99.4	90.9	95.3	97.9	99.0	99.4	99.4	99.6	99.9	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6392.0	1.56446	87.8	94.4	96.6	98.4	94.3	95.7	99.5	91.0	95.5	98.1	99.1	99.4	99.5	99.6	100.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6392.2	1.56441	88.3	94.7	96.8	98.5	94.5	95.7	99.5	91.1	95.7	98.1	99.1	99.5	99.5	99.6	100.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6392.4	1.56436	88.7	95.1	97.0	98.5	94.8	95.7	99.5	91.3	95.9	98.2	99.1	99.5	99.5	99.6	100.0	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6392.6	1.56431	89.5	95.3	97.1	98.5	95.0	95.5	99.5	91.5	96.1	98.3	99.1	99.5	99.5	99.6	100.0	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6392.8	1.56426	90.1	95.4	97.2	98.7	95.2	95.6	99.6	91.7	96.2	98.3	99.2	99.5	99.6	99.6	100.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 4-1 (cont'd)

Sample No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
p (atm)		[illegible].50 x 10^0	2.53 x 10^0	2.53 x 10^0	[illegible].50 x 10^0	[illegible] x 10^0	1.00 x 10^0	1.00 x 10^0	1.46 x $10^{[illegible]}$	1.00 x 10^1	1.00 x $10^{[illegible]}$	1.00 x 10^1	1.00 x 10^0	2.30 x 10^{-1}	2.30 x 10^{-1}	1.16 x 10^{-1}	7.70 x 10^{-2}	7.70 x 10^{-2}	7.70 x 10^{-2}	3.87 x 10^{-2}	6.65 x 10^{-1}	6.65 x 10^{-1}
P_e (atm)		3.29 x 10^0	3.32 x 10^0	3.3 x 10^0	3.29 x 10^0	2.62 x 10^0	1.31 x 10^0	1.31 x 10^0	2.03 x 10^1	1.36 x 10^1	1.36 x 10^1	1.36 x 10^1	1.36 x 10^1	9.99 x 10^{-1}	3.00 x 10^{-1}	1.50 x 10^{-1}	1.001 x 10^0	3.03 x 10^{-1}	1.001 x 10^{-1}	5.03 x 10^{-2}	1.31 x 10^1	8.65 x 10^{-1}
u (atm-cm) STP		2.17 x $10^{[illegible]}$	1.10 x $10^{[illegible]}$	[illegible]	[illegible] x 10^4	[illegible].71 x 10^4	[illegible].62 x 10^4	2.19 x 10^4	4.73 x 10^4	3.16 x 10^4	1.59 x 10^4	7.93 x 10^3	[illegible] x 10^3	9.94 x 10^3	9.94 x 10^3	9.94 x 10^3	[illegible] x 10^3	3.32 x 10^3	3.32 x 10^3	3.32 x 10^3	1.01 x 10^3	1.01 x 10^3
ν (cm^{-1})	λ (micron)	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100
6393.0	1.56421	90.4	95.5	97.2	99.0	95.3	97.7	99.5	91.9	95.4	98.3	99.2	99.5	99.6	99.8	100.0	99.7	99.8	100.0	100.0	100.0	100.0
6393.2	1.56416	90.9	95.8	97.5	99.0	95.4	97.8	99.5	92.2	95.5	98.4	99.2	99.6	99.6	99.8	100.0	99.7	99.8	100.0	100.0	100.0	100.0
6393.4	1.56411	91.3	96.0	97.6	99.0	95.5	97.9	99.5	92.4	95.6	98.4	99.2	99.6	99.7	99.8	100.0	99.7	99.8	100.0	100.0	100.0	100.0
6393.6	1.56406	91.5	96.2	97.7	99.1	95.7	98.0	99.5	92.6	95.6	98.5	99.2	99.6	99.7	99.9	100.0	99.7	99.9	100.0	100.0	100.0	100.0
6393.8	1.56402	92.0	96.4	97.8	99.2	95.9	98.1	99.5	92.9	95.6	98.5	99.2	99.6	99.7	100.0	100.0	99.7	99.9	100.0	100.0	100.0	100.0
6394.0	1.56397	92.3	96.5	98.0	99.2	96.1	98.5	99.5	92.9	95.6	98.5	99.3	99.6	99.7	100.0	100.0	99.8	99.9	100.0	100.0	100.0	100.0
6394.2	1.56392	92.8	96.7	98.1	99.4	96.2	98.6	99.5	92.9	95.7	98.5	99.3	99.6	99.7	100.0	100.0	99.8	99.9	100.0	100.0	100.0	100.0
6394.4	1.56387	93.0	96.8	98.2	99.4	96.3	98.7	99.5	93.2	95.8	98.5	99.3	99.7	99.7	100.0	100.0	99.8	99.9	100.0	100.0	100.0	100.0
6394.6	1.56382	93.1	96.9	98.2	99.4	96.4	98.8	99.5	93.3	95.9	98.6	99.3	99.7	99.8	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6394.8	1.56377	93.4	97.0	98.3	99.4	96.5	99.0	99.6	93.5	97.0	98.7	99.3	99.7	99.8	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6395.0	1.56372	93.5	97.1	98.4	99.4	96.5	99.0	99.5	93.5	97.1	98.7	99.3	99.7	99.9	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0
6395.2	1.56367	93.8	97.2	98.4	99.4	96.8	99.1	99.5	93.7	97.1	98.7	99.3	99.7	99.9	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6395.4	1.56362	94.0	97.3	98.5	99.4	96.8	99.1	99.5	93.9	97.2	98.7	99.4	99.8	99.9	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6395.6	1.56357	94.2	97.4	98.5	99.5	96.9	99.1	99.5	93.9	97.2	98.7	99.4	99.8	99.9	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6395.8	1.56353	94.4	97.5	98.6	99.5	97.0	99.1	99.5	94.0	97.3	98.8	99.4	99.8	99.9	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6396.0	1.56348	94.5	97.5	98.6	99.5	97.1	99.1	99.5	94.1	97.3	98.8	99.4	99.8	99.9	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6396.2	1.56343	94.9	97.5	98.6	99.5	97.3	99.1	99.5	94.1	97.3	98.9	99.4	99.8	99.9	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0
6396.4	1.56338	95.0	97.5	98.6	99.5	97.4	99.1	99.5	94.1	97.4	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6396.6	1.56333	95.2	97.6	98.6	99.5	97.5	99.1	99.5	94.2	97.5	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6396.8	1.56329	95.3	97.6	98.6	99.5	97.5	99.1	99.5	94.3	97.5	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6397.0	1.56323	95.3	97.6	98.7	99.6	97.8	99.1	99.5	94.4	97.6	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6397.2	1.56318	95.3	97.6	98.7	99.6	97.9	99.1	99.5	94.5	97.7	99.0	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6397.4	1.56314	95.5	97.7	98.8	99.6	98.0	99.1	99.5	94.5	97.7	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6397.6	1.56309	95.5	97.8	98.9	99.6	98.0	99.1	99.5	94.7	97.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6397.8	1.56304	95.5	97.8	98.8	99.5	98.0	99.1	99.7	94.7	97.8	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6398.0	1.56299	95.5	97.9	98.8	99.5	98.0	99.1	99.7	94.8	97.8	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6398.2	1.56294	95.7	97.9	98.8	99.5	97.9	99.2	99.7	94.8	97.8	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6398.4	1.56289	95.8	97.9	98.9	99.5	97.9	99.2	99.7	94.9	97.8	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6398.6	1.56284	95.8	97.9	98.8	99.6	97.9	99.2	99.7	94.9	97.8	99.2	99.6	100.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6398.8	1.56279	95.8	97.8	98.8	99.7	98.0	99.2	99.7	94.9	97.8	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6399.0	1.56274	95.3	97.8	98.8	99.7	98.0	99.2	99.7	94.9	97.8	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6399.2	1.56270	95.3	97.8	98.9	99.7	98.0	99.2	99.7	95.0	97.9	99.2	99.7	100.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6399.4	1.56265	95.3	97.8	98.9	99.7	98.0	99.2	99.7	95.0	97.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6399.6	1.56260	95.3	97.7	98.9	99.7	98.0	99.2	99.7	95.1	97.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6399.8	1.56255	95.7	97.7	98.9	99.7	98.0	99.2	99.7	95.1	97.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6400.0	1.56250	95.5	97.7	98.9	99.7	98.0	99.1	99.7	95.2	97.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6400.2	1.56245	95.5	97.7	98.8	99.7	97.9	99.1	99.7	95.2	97.9	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6400.4	1.56240	95.3	97.5	98.8	99.7	97.9	99.2	99.7	95.2	97.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6400.6	1.56235	95.1	97.3	98.7	99.7	97.9	99.1	99.7	95.2	97.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6400.8	1.56230	94.7	97.2	98.7	99.7	97.8	99.1	99.7	95.2	97.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6401.0	1.56226	94.3	97.1	98.7	99.7	97.7	99.0	99.7	95.2	98.0	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6401.2	1.56221	94.2	97.1	98.7	99.7	97.5	99.0	99.3	95.3	98.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6401.4	1.56216	94.4	97.3	98.7	99.7	97.5	99.0	99.3	95.3	98.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6401.6	1.56211	94.7	97.3	98.7	99.7	97.4	99.0	99.3	95.3	98.1	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6401.8	1.56206	95.0	97.3	98.7	99.7	97.3	99.1	99.3	95.4	98.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6402.0	1.56201	95.2	97.4	98.7	99.7	97.4	99.0	99.3	95.4	98.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6402.2	1.56196	95.0	97.3	98.7	99.7	97.5	99.0	99.3	95.5	98.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6402.4	1.56191	94.5	97.2	98.5	99.7	97.7	99.0	99.3	95.5	98.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6402.6	1.56187	94.2	97.2	98.6	99.7	97.7	99.0	99.3	95.6	98.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6402.8	1.56182	94.1	97.1	98.6	99.5	97.7	98.6	99.3	95.5	98.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6403.0	1.56177	93.9	97.1	98.5	99.6	97.5	98.4	99.3	95.5	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6403.2	1.56172	94.2	97.2	98.6	99.5	97.4	98.5	99.3	95.5	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6403.4	1.56167	94.3	97.2	98.6	99.5	97.3	98.6	99.3	95.5	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6403.6	1.56162	94.3	97.2	98.6	99.6	97.3	98.8	99.3	95.7	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6403.8	1.56157	94.3	97.1	98.6	99.5	97.3	98.8	99.3	95.7	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6404.0	1.56152	94.1	97.0	98.7	99.6	97.3	98.7	99.3	95.8	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6404.2	1.56148	93.8	97.0	98.6	99.5	97.2	98.4	99.3	95.8	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6404.4	1.56143	93.4	96.9	98.6	99.5	97.0	98.2	99.3	95.8	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6404.6	1.56138	93.1	97.0	98.6	99.5	96.9	98.0	99.3	95.8	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6404.8	1.56133	93.4	97.1	98.6	99.5	96.3	97.8	99.4	95.8	98.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6405.0	1.56128	93.8	97.0	98.6	99.5	96.8	97.8	99.9	95.9	98.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6405.2	1.56123	94.0	96.9	98.5	99.5	96.8	98.4	99.9	95.9	98.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6405.4	1.56118	93.5	96.4	98.4	99.5	96.8	98.4	99.9	95.9	98.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6405.6	1.56113	93.5	96.7	98.6	99.5	96.9	97.7	99.9	95.9	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6405.8	1.56109	93.3	96.5	98.4	99.3	97.0	97.2	99.9	95.9	97.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0

6405.0	1.56104	93.1	96.5	98.5	99.5	96.9	97.7	99.9	95.9	97.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6405.2	1.56099	93.0	96.5	98.4	99.5	96.9	97.4	99.9	95.9	97.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6405.4	1.56094	93.2	96.7	98.4	99.5	95.9	97.2	99.9	96.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6405.6	1.56089	93.6	96.7	98.3	99.5	96.9	97.3	99.9	96.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6405.8	1.56084	93.9	96.5	98.3	99.5	96.8	97.8	99.9	96.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6406.0	1.56079	93.8	96.5	98.3	99.5	96.8	98.0	99.9	96.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6406.2	1.56074	93.3	96.4	98.3	99.5	96.9	98.0	99.9	96.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6406.4	1.56070	93.0	96.3	98.3	99.5	96.9	97.8	99.9	96.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6406.6	1.56065	92.8	96.3	98.3	99.5	96.8	97.3	99.9	96.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6406.8	1.56060	92.7	96.3	98.2	99.5	96.8	95.9	100.0	96.1	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6408.0	1.56055	92.7	96.5	98.2	99.5	96.8	95.7	100.0	96.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6408.2	1.56050	93.0	96.5	98.2	99.4	96.9	95.9	100.0	96.1	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6408.4	1.56045	93.3	96.5	98.2	99.4	95.9	97.2	100.0	96.1	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6408.6	1.56040	93.7	96.5	98.2	99.4	96.9	97.5	100.0	96.2	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6408.8	1.56035	93.5	96.5	98.2	99.3	96.9	97.8	100.0	96.2	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6409.0	1.56031	93.1	96.4	98.1	99.3	96.8	97.9	100.0	96.2	98.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6409.2	1.56026	92.7	96.3	98.1	99.3	96.8	97.8	100.0	96.2	98.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6409.4	1.56021	92.4	96.2	98.1	99.3	96.7	97.6	100.0	96.2	98.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6409.6	1.56016	92.7	96.4	98.1	99.3	96.7	97.7	100.0	96.2	98.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6409.8	1.56011	93.1	96.5	98.1	99.3	96.7	97.5	100.0	96.2	98.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6410.0	1.56006	93.5	96.5	98.1	99.3	96.7	97.4	100.0	96.2	98.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6410.2	1.56001	93.8	96.5	98.1	99.3	96.5	97.5	100.0	96.2	98.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6410.4	1.55997	93.7	96.5	98.1	99.3	96.5	97.6	100.0	96.3	98.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6410.6	1.55992	93.4	96.5	98.1	99.3	96.5	97.4	100.0	96.3	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6410.8	1.55987	93.0	96.5	98.1	99.2	96.5	97.1	100.0	96.3	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6411.0	1.55982	92.9	96.5	98.1	99.2	96.5	97.0	100.0	96.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6411.2	1.55977	92.5	96.8	98.1	99.2	96.5	97.1	100.0	96.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6411.4	1.55972	92.8	96.9	98.1	99.2	96.7	97.2	100.0	96.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6411.6	1.55967	93.1	97.0	98.1	99.2	96.8	97.4	100.0	96.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6411.8	1.55962	93.2	96.9	98.1	99.2	96.8	97.9	100.0	96.5	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6412.0	1.55958	93.5	96.5	98.1	99.2	96.8	98.1	100.0	96.5	98.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6412.2	1.55953	93.1	96.5	98.1	99.2	96.8	98.0	100.0	96.5	98.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6412.4	1.55948	92.7	96.5	98.1	99.2	96.8	97.6	100.0	96.5	98.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6412.6	1.55943	92.5	96.5	98.1	99.2	96.8	97.3	100.0	96.7	98.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6412.8	1.55938	92.9	96.8	98.1	99.2	96.9	97.2	100.0	96.7	98.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6413.0	1.55933	93.3	96.9	98.1	99.2	96.9	97.1	100.0	96.8	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6413.2	1.55928	93.7	97.0	98.1	99.2	96.9	97.5	100.0	96.8	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6413.4	1.55924	93.8	97.1	98.1	99.2	96.9	98.0	100.0	96.8	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6413.6	1.55919	93.5	96.9	98.2	99.2	97.0	98.2	100.0	96.9	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6413.8	1.55914	92.9	96.8	98.2	99.2	97.0	98.0	100.0	96.9	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6414.0	1.55909	92.5	96.7	98.2	99.2	97.0	97.7	100.0	96.9	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6414.2	1.55904	92.5	96.8	98.3	99.2	97.0	97.5	100.0	96.9	98.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6414.4	1.55899	92.9	97.0	98.3	99.2	97.0	97.5	100.0	96.9	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6414.6	1.55894	93.2	97.2	98.4	99.2	97.0	97.7	100.0	96.9	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6414.8	1.55890	93.5	97.3	98.4	99.3	97.1	98.0	100.0	96.9	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6415.0	1.55885	93.9	97.3	98.5	99.3	97.1	98.1	100.0	97.0	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6415.2	1.55880	94.1	97.0	98.5	99.3	97.1	97.9	100.0	97.0	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6415.4	1.55875	93.8	96.9	98.6	99.3	97.1	97.7	100.0	97.1	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6415.6	1.55870	93.5	97.0	98.6	99.3	97.1	97.4	100.0	97.0	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6415.8	1.55865	93.4	97.1	98.7	99.3	97.2	97.3	100.0	97.0	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6416.0	1.55860	93.8	97.3	98.7	99.3	97.3	97.4	100.0	97.0	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6416.2	1.55855	93.9	97.4	98.7	99.3	97.4	97.7	100.0	97.0	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6416.4	1.55851	94.0	97.4	98.7	99.3	97.4	98.0	100.0	97.0	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6416.6	1.55846	94.1	97.5	98.7	99.3	97.4	98.2	100.0	97.0	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6416.8	1.55841	94.3	97.5	98.7	99.3	97.4	98.3	100.0	97.0	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6417.0	1.55836	94.4	97.5	98.7	99.3	97.4	98.2	100.0	97.1	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6417.2	1.55831	94.5	97.5	98.7	99.3	97.5	97.9	100.0	97.1	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6417.4	1.55826	94.8	97.6	98.7	99.3	97.5	97.9	100.0	97.1	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6417.6	1.55821	95.1	97.8	98.7	99.3	97.6	97.9	100.0	97.1	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6417.8	1.55817	95.2	97.8	98.7	99.3	97.7	98.0	100.0	97.1	98.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6418.0	1.55812	95.2	97.7	98.7	99.4	97.7	98.2	100.0	97.1	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6418.2	1.55807	95.3	97.6	98.7	99.4	97.8	98.6	100.0	97.1	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6418.4	1.55802	95.1	97.6	98.7	99.4	97.8	98.6	100.0	97.2	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6418.6	1.55797	95.0	97.7	98.7	99.4	97.9	98.8	100.0	97.2	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6418.8	1.55792	95.1	97.7	98.7	99.4	98.0	98.8	100.0	97.2	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6419.0	1.55788	95.3	97.8	98.7	99.4	98.0	98.8	100.0	97.2	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6419.2	1.55783	95.5	97.8	98.7	99.4	98.0	98.9	100.0	97.2	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6419.4	1.55778	95.5	97.8	98.7	99.5	98.1	98.9	100.0	97.3	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6419.6	1.55773	95.8	97.9	98.7	99.5	98.1	98.9	100.0	97.3	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6419.8	1.55768	96.0	97.9	98.7	99.5	98.1	98.9	100.0	97.4	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6420.0	1.55763	96.0	97.9	98.7	99.5	98.2	99.0	100.0	97.4	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6420.2	1.55758	96.0	98.0	98.7	99.5	98.2	99.0	100.0	97.4	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6420.4	1.55754	96.0	98.0	98.7	99.5	98.2	99.0	100.0	97.4	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6420.6	1.55749	96.0	98.0	98.7	99.5	98.2	99.0	100.0	97.4	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6420.8	1.55744	96.1	98.0	98.8	99.5	98.2	99.0	100.0	97.4	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6421.0	1.55739	96.2	98.0	98.8	99.5	98.2	99.1	100.0	97.5	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6421.2	1.55734	96.2	98.0	98.9	99.5	98.2	99.1	100.0	97.5	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6421.4	1.55729	96.4	98.1	98.9	99.5	98.3	99.1	100.0	97.5	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6421.6	1.55724	96.5	98.2	98.9	99.5	98.3	99.1	100.0	97.5	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6421.8	1.55720	96.3	98.2	98.9	99.5	98.3	99.1	100.0	97.5	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
p(atm)		2.50 $\times 10^{0}$	2.53 $\times 10^{0}$	2.53 $\times 10^{0}$	2.50 $\times 10^{0}$	2.00 $\times 10^{0}$	1.00 $\times 10^{0}$	1.00 $\times 10^{0}$	1.46 $\times 10^{1}$	1.00 $\times 10^{1}$	1.00 $\times 10^{1}$	1.00 $\times 10^{1}$	1.00 $\times 10^{0}$	2.30 $\times 10^{-1}$	2.30 $\times 10^{-1}$	1.16 $\times 10^{-1}$	7.70 $\times 10^{-2}$	7.70 $\times 10^{-2}$	7.70 $\times 10^{-2}$	3.87 $\times 10^{-2}$	6.65 $\times 10^{-1}$	6.65 $\times 10^{-1}$
P_e(atm)		3.29 $\times 10^{0}$	3.32 $\times 10^{0}$	3.32 $\times 10^{0}$	3.29 $\times 10^{0}$	2.62 $\times 10^{0}$	1.31 $\times 10^{0}$	1.31 $\times 10^{0}$	2.03 $\times 10^{1}$	1.36 $\times 10^{1}$	1.36 $\times 10^{1}$	1.36 $\times 10^{1}$	1.36 $\times 10^{1}$	9.99 $\times 10^{-1}$	3.00 $\times 10^{-1}$	1.50 $\times 10^{-1}$	1.001 $\times 10^{0}$	3.03 $\times 10^{-1}$	1.001 $\times 10^{-1}$	5.03 $\times 10^{-2}$	1.31 $\times 10^{1}$	8.65 $\times 10^{-1}$
u (atm cm) STP		2.17 $\times 10^{5}$	1.10 $\times 10^{5}$	5.57 $\times 10^{4}$	2.80 $\times 10^{4}$	8.71 $\times 10^{4}$	8.62 $\times 10^{4}$	2.19 $\times 10^{4}$	4.73 $\times 10^{4}$	3.16 $\times 10^{4}$	1.59 $\times 10^{4}$	7.93 $\times 10^{3}$	3.99 $\times 10^{3}$	9.94 $\times 10^{3}$	9.94 $\times 10^{3}$	9.94 $\times 10^{3}$	3.32 $\times 10^{3}$	3.32 $\times 10^{3}$	3.32 $\times 10^{3}$	3.32 $\times 10^{3}$	1.01 $\times 10^{3}$	1.01 $\times 10^{3}$
ν (cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
6422.0	1.55715	96.5	98.3	99.9	99.7	98.3	99.2	100.0	97.5	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6422.2	1.55710	96.5	98.3	99.0	99.7	98.3	99.2	100.0	97.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6422.4	1.55705	96.7	98.4	99.1	99.7	98.3	99.2	100.0	97.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6422.6	1.55700	96.7	98.4	99.1	99.7	98.4	99.2	100.0	97.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6422.8	1.55695	96.8	98.5	99.1	99.7	98.4	99.3	100.0	97.7	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6423.0	1.55690	96.9	98.5	99.2	99.7	98.4	99.3	100.0	97.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6423.2	1.55686	97.0	98.5	99.2	99.7	98.4	99.3	100.0	97.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6423.4	1.55681	97.1	98.5	99.2	99.7	98.4	99.3	100.0	97.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6423.6	1.55676	97.2	98.5	99.3	99.7	98.4	99.3	100.0	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6423.8	1.55671	97.3	98.5	99.3	99.7	98.4	99.4	100.0	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6424.0	1.55666	97.4	98.5	99.3	99.7	98.4	99.4	100.0	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6424.2	1.55661	97.5	98.7	99.3	99.7	98.4	99.4	100.0	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6424.4	1.55657	97.5	98.7	99.3	99.7	98.4	99.4	100.0	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6424.6	1.55652	97.5	98.7	99.3	99.9	98.4	99.4	100.0	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6424.8	1.55647	97.5	98.8	99.4	99.9	98.4	99.5	100.0	97.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6425.0	1.55642	97.9	98.8	99.5	99.9	98.4	99.5	100.0	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6425.2	1.55637	98.0	98.8	99.5	99.9	98.4	99.5	100.0	98.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6425.4	1.55632	98.2	98.9	99.5	99.9	98.4	99.5	100.0	98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6425.6	1.55627	98.4	98.9	99.6	99.9	98.4	99.6	100.0	98.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6425.8	1.55623	98.5	98.9	99.6	99.9	98.4	99.6	100.0	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6426.0	1.55618	98.7	98.9	99.6	99.9	98.5	99.6	100.0	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6426.2	1.55613	98.7	99.0	99.6	99.9	98.5	99.6	100.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6426.4	1.55608	98.7	99.0	99.6	99.9	98.6	99.6	100.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6426.6	1.55603	98.7	99.0	99.6	99.9	98.7	99.7	100.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6426.8	1.55598	98.7	99.1	99.6	99.9	98.8	99.7	100.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6427.0	1.55594	98.7	99.1	99.7	99.9	98.9	99.7	100.0	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6427.2	1.55589	98.7	99.1	99.7	99.9	98.8	99.7	100.0	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6427.4	1.55584	98.9	99.2	99.7	99.9	98.9	99.7	100.0	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6427.6	1.55579	99.0	99.2	99.7	99.9	98.9	99.8	100.0	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6427.8	1.55574	99.0	99.2	99.7	99.9	98.9	99.8	100.0	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6428.0	1.55569	99.0	99.2	99.7	99.9	99.0	99.8	100.0	98.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6428.2	1.55565	99.0	99.3	99.7	99.9	99.0	99.8	100.0	98.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6428.4	1.55560	99.1	99.3	99.7	99.9	99.0	99.9	100.0	98.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6428.6	1.55555	99.2	99.3	99.7	99.9	99.0	99.9	100.0	98.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6428.8	1.55550	99.2	99.4	99.7	99.9	99.0	99.9	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6429.0	1.55545	99.3	99.4	99.7	99.9	99.0	99.9	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6429.2	1.55540	99.4	99.4	99.7	99.9	99.1	99.9	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6429.4	1.55536	99.4	99.5	99.7	99.9	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6429.6	1.55531	99.4	99.5	99.8	99.9	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6429.8	1.55526	99.5	99.5	99.8	99.9	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6430.0	1.55521	99.4	99.5	99.8	99.9	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6430.2	1.55516	99.3	99.5	99.8	99.9	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6430.4	1.55511	99.2	99.5	99.9	99.9	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6430.6	1.55506	99.2	99.5	99.8	100.0	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6430.8	1.55502	99.2	99.5	99.8	100.0	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6431.0	1.55497	99.2	99.5	99.8	100.0	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6431.2	1.55492	99.2	99.5	99.8	99.9	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6431.4	1.55487	98.9	99.5	99.8	99.9	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6431.6	1.55482	98.8	99.5	99.9	99.9	99.2	100.0	100.0	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6431.8	1.55477	98.8	99.5	99.9	99.9	99.2	100.0	100.0	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6432.0	1.55473	98.7	99.5	99.9	100.0	99.2	100.0	100.0	98.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6432.2	1.55468	98.5	99.5	99.9	100.0	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6432.4	1.55463	98.5	99.5	99.9	100.0	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6432.6	1.55458	98.5	99.5	99.9	100.0	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6432.8	1.55453	98.5	99.5	99.9	100.0	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6433.0	1.55448	98.5	99.5	99.9	100.0	99.2	100.0	100.0	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6433.2	1.55444	98.5	99.5	99.9	100.0	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6433.4	1.55439	98.5	99.4	99.9	100.0	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6433.6	1.55434	98.5	99.4	99.9	100.0	99.2	100.0	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6433.8	1.55429	98.5	99.4	99.9	100.0	99.2	100.0	100.0	98.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6434.0	1.55424	98.5	99.4	99.9	100.0	99.2	100.0	100.0	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6434.2	1.55419	98.5	99.3	99.9	100.0	99.2	100.0	100.0	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6434.4	1.55415	98.5	99.3	99.9	100.0	99.2	99.9	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6434.6	1.55410	98.4	99.2	99.9	99.9	99.2	99.9	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6434.8	1.55405	98.[illegible]	99.2	99.9	99.9	99.2	99.9	100.0	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0

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6435.0  1.55400  98.4  99.1  99.9  99.9  99.2  99.9 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6435.2  1.55395  98.3  99.1  99.8  99.9  99.2  99.9 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6435.4  1.55390  98.1  99.1  99.8  99.9  99.2  99.9 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6435.6  1.55386  98.0  99.1  99.8  99.9  99.2  99.9 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6435.8  1.55381  97.9  99.1  99.8  99.9  99.2  99.9 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0

6436.0  1.55376  97.9  99.1  99.8  99.9  99.1  99.9 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6436.2  1.55371  97.9  99.2  99.8  99.9  99.1  99.9 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6436.4  1.55366  98.0  99.2  99.8  99.9  99.1  99.9 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6436.6  1.55362  98.1  99.2  99.8  99.9  99.1  99.9 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6436.8  1.55357  98.0  99.1  99.8  99.9  99.1  99.8 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0

6437.0  1.55352  97.8  99.1  99.8  99.9  99.1  99.8 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6437.2  1.55347  97.4  99.1  99.8  99.9  99.0  99.8 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6437.4  1.55342  97.4  99.0  99.8  99.9  99.0  99.8 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6437.6  1.55337  97.3  99.0  99.8  99.9  99.0  99.8 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6437.8  1.55333  97.5  99.0  99.7  99.9  99.0  99.8 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0

6438.0  1.55328  97.5  99.1  99.7  99.8  98.9  99.8 100.0  98.5  99.6 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6438.2  1.55323  97.7  99.1  99.7  99.8  98.9  99.8 100.0  98.5  99.5 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6438.4  1.55318  97.7  99.1  99.7  99.8  98.9  99.8 100.0  98.5  99.5 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6438.6  1.55313  97.8  99.1  99.7  99.8  98.9  99.8 100.0  98.5  99.5 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6438.8  1.55308  97.9  99.0  99.7  99.8  98.9  99.8 100.0  98.5  99.5 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0

6439.0  1.55304  97.9  99.0  99.7  99.8  98.9  99.8 100.0  98.5  99.5 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6439.2  1.55299  97.9  99.0  99.6  99.8  98.8  99.8 100.0  98.5  99.5 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6439.4  1.55294  97.9  98.9  99.6  99.8  98.8  99.7 100.0  98.5  99.5 100.0 100.0 100.0  100.0 100.0 100.0  100.0 100.0 100.0   100.0 100.0
6439.6  1.55289  97.9  98.9  99.6  99.8  98.8  99.7 100.0  98.5  99.5 100.0 100.0 100.0  100.0 100.0 100.0   99.9 100.0 100.0   100.0 100.0
6439.8  1.55284  97.9  98.9  99.6  99.8  98.8  99.7 100.0  98.5  99.5 100.0 100.0 100.0  100.0 100.0 100.0   99.9 100.0 100.0   100.0 100.0

6440.0  1.55280  97.9  99.0  99.6  99.8  98.8  99.7 100.0  98.5  99.5 100.0 100.0 100.0  100.0 100.0 100.0   99.9 100.0 100.0   100.0 100.0
6440.2  1.55275  98.0  99.0  99.6  99.8  98.8  99.7 100.0  98.5  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.9 100.0 100.0   100.0 100.0
6440.4  1.55270  98.0  99.0  99.6  99.8  98.8  99.7 100.0  98.5  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.9 100.0 100.0   100.0 100.0
6440.6  1.55265  97.5  98.9  99.6  99.8  98.8  99.7 100.0  98.5  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.9 100.0 100.0   100.0 100.0
6440.8  1.55260  97.2  98.9  99.6  99.8  98.8  99.7 100.0  98.5  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.9 100.0 100.0   100.0 100.0

6441.0  1.55255  97.0  98.7  99.6  99.8  98.8  99.7 100.0  98.5  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.9 100.0 100.0   100.0 100.0
6441.2  1.55251  96.8  98.7  99.6  99.7  98.7  99.7 100.0  98.5  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.9 100.0 100.0   100.0 100.0
6441.4  1.55246  96.9  98.8  99.6  99.7  98.7  99.7 100.0  98.4  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.9 100.0 100.0   100.0 100.0
6441.6  1.55241  97.1  98.8  99.6  99.7  98.7  99.7 100.0  98.4  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.8 100.0 100.0   100.0 100.0
6441.8  1.55236  97.2  98.8  99.6  99.7  98.8  99.7 100.0  98.4  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.8 100.0 100.0   100.0 100.0

6442.0  1.55231  97.4  98.7  99.6  99.7  98.8  99.6 100.0  98.4  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.8 100.0 100.0   100.0 100.0
6442.2  1.55226  97.5  98.7  99.6  99.7  98.8  99.6 100.0  98.4  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.8 100.0 100.0   100.0 100.0
6442.4  1.55222  97.4  98.7  99.6  99.7  98.8  99.6 100.0  98.4  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.8 100.0 100.0   100.0 100.0
6442.6  1.55217  97.3  98.5  99.6  99.7  98.8  99.6 100.0  98.4  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.8 100.0 100.0   100.0 100.0
6442.8  1.55212  97.3  98.5  99.6  99.7  98.8  99.6 100.0  98.4  99.4 100.0 100.0 100.0  100.0 100.0 100.0   99.8 100.0 100.0   100.0 100.0

6443.0  1.55207  97.2  98.5  99.6  99.7  98.8  99.6 100.0  98.4  99.4 100.0 100.0 100.0   99.9 100.0 100.0   99.8 100.0 100.0   100.0 100.0
6443.2  1.55202  97.0  98.5  99.6  99.7  98.8  99.6 100.0  98.4  99.4 100.0 100.0 100.0   99.9 100.0 100.0   99.8 100.0 100.0   100.0 100.0
6443.4  1.55198  96.9  98.5  99.6  99.7  98.8  99.6 100.0  98.4  99.3 100.0 100.0 100.0   99.9 100.0 100.0   99.8 100.0 100.0   100.0 100.0
6443.6  1.55193  97.3  98.5  99.6  99.7  98.8  99.6 100.0  98.4  99.3 100.0 100.0 100.0   99.8 100.0 100.0   99.7 100.0 100.0   100.0 100.0
6443.8  1.55188  97.5  98.5  99.6  99.5  98.7  99.6 100.0  98.4  99.3 100.0 100.0 100.0   99.7 100.0 100.0   99.7 100.0 100.0   100.0 100.0

6444.0  1.55183  97.4  98.4  99.6  99.5  98.7  99.5 100.0  98.4  99.3 100.0 100.0 100.0   99.7 100.0 100.0   99.7 100.0 100.0   100.0 100.0
6444.2  1.55178  97.2  98.3  99.6  99.5  98.8  99.4 100.0  98.4  99.2 100.0 100.0 100.0   99.7 100.0 100.0   99.7 100.0 100.0   100.0 100.0
6444.4  1.55173  97.1  98.3  99.6  99.5  98.8  99.5 100.0  98.4  99.2 100.0 100.0 100.0   99.7 100.0 100.0   99.7 100.0 100.0   100.0 100.0
6444.6  1.55169  97.0  98.3  99.6  99.5  98.8  99.5 100.0  98.4  99.2 100.0 100.0 100.0   99.7 100.0 100.0   99.7 100.0 100.0   100.0 100.0
6444.8  1.55164  96.9  98.3  99.6  99.5  98.8  99.5 100.0  98.4  99.1 100.0 100.0 100.0   99.7 100.0 100.0   99.7 100.0 100.0   100.0 100.0

6445.0  1.55159  96.8  98.3  99.6  99.5  98.5  99.5 100.0  98.4  99.1 100.0 100.0 100.0   99.5 100.0 100.0   99.7 100.0 100.0   100.0 100.0
6445.2  1.55154  96.8  98.3  99.6  99.5  98.5  99.5 100.0  98.4  99.1 100.0 100.0 100.0   99.5 100.0 100.0   99.7 100.0 100.0   100.0 100.0
6445.4  1.55149  96.8  98.2  99.6  99.5  98.5  99.5 100.0  98.3  99.1 100.0 100.0 100.0   99.5 100.0 100.0   99.7 100.0 100.0   100.0 100.0
6445.6  1.55145  96.9  98.2  99.6  99.5  98.4  99.5  99.9  98.3  99.1 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6445.8  1.55140  97.0  98.2  99.6  99.5  98.4  99.5  99.9  98.3  99.1 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0

6446.0  1.55135  97.2  98.2  99.6  99.5  98.5  99.5  99.9  98.3  99.1 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6446.2  1.55130  97.5  98.2  99.6  99.5  98.5  99.5  99.9  98.3  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6446.4  1.55125  97.5  98.2  99.6  99.5  98.5  99.5  99.9  98.3  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6446.6  1.55121  97.5  98.2  99.6  99.5  98.5  99.5  99.9  98.3  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6446.8  1.55116  97.5  98.2  99.6  99.5  98.5  99.5 100.0  98.2  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0

6447.0  1.55111  97.1  98.0  99.6  99.5  98.5  99.4 100.0  98.2  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6447.2  1.55106  96.7  97.8  99.6  99.5  98.5  99.4 100.0  98.2  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6447.4  1.55101  96.4  97.7  99.6  99.5  98.5  99.4  99.9  98.2  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6447.6  1.55096  96.2  97.7  99.6  99.5  98.4  99.4  99.9  98.2  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6447.8  1.55092  96.5  97.8  99.6  99.5  98.4  99.4  99.9  98.2  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0

6448.0  1.55087  96.9  98.0  99.6  99.5  98.5  99.4  99.9  98.1  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6448.2  1.55082  97.3  98.1  99.6  99.5  98.5  99.4 100.0  98.1  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6448.4  1.55077  97.5  98.1  99.6  99.5  98.7  99.4 100.0  98.1  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6448.6  1.55072  97.1  98.0  99.6  99.5  98.7  99.4 100.0  98.1  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6448.8  1.55068  96.5  97.9  99.6  99.5  98.5  99.3 100.0  98.1  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0

6449.0  1.55063  95.4  97.7  99.6  99.5  98.3  99.2  99.9  98.1  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0
6449.2  1.55058  95.1  97.5  99.4  99.5  98.1  99.2  99.9  98.1  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.4 100.0 100.0   100.0 100.0
6449.4  1.55053  95.0  97.4  99.4  99.4  97.9  99.4  99.9  98.0  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.3 100.0 100.0   100.0 100.0
6449.6  1.55048  95.0  97.3  99.4  99.4  97.9  99.4  99.9  98.0  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.3 100.0 100.0   100.0 100.0
6449.8  1.55044  95.0  97.4  99.4  99.4  97.9  99.4  99.9  98.0  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.5 100.0 100.0   100.0 100.0

6450.0  1.55039  95.6  97.5  99.4  99.4  98.0  99.3  99.7  97.9  99.2 100.0 100.0 100.0   99.5 100.0 100.0   99.4 100.0 100.0   100.0 100.0
6450.2  1.55034  96.1  97.7  99.5  99.4  98.2  99.4  99.7  97.9  99.2 100.0 100.0 100.0   99.5  99.4 100.0   99.4 100.0 100.0   100.0 100.0
6450.4  1.55029  96.7  97.8  99.4  99.4  98.3  99.3  99.7  97.9  99.2 100.0 100.0 100.0   99.5  99.4 100.0   99.4 100.0 100.0   100.0 100.0
6450.6  1.55024  96.3  97.7  99.5  99.4  98.2  99.1  99.7  97.9  99.2 100.0 100.0 100.0   99.5  99.4 100.0   99.4 100.0 100.0   100.0 100.0
6450.8  1.55020  95.7  97.5  99.2  99.4  97.9  98.9  99.7  97.8  99.2 100.0 100.0 100.0   99.5  99.4 100.0   99.5 100.0 100.0   100.0 100.0
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Table 4-1 (cont'd)

Sample No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
p(atm)		2.50×10^{0}	2.53×10^{0}	2.53×10^{0}	2.50×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.50×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}
P_e(atm)		3.29×10^{0}	3.32×10^{0}	3.32×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}
u (atm cm) STP		2.17×10^{5}	[illegible]	5.57×10^{4}	2.80×10^{4}	[illegible]	8.62×10^{4}	2.19×10^{4}	[illegible]	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}
ν (cm^{-1})	λ (micron)	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100
6451.0	1.55015	94.7	96.9	[illegible]	99.3	97.5	98.2	[illegible]	97.3	99.2	100.0	100.0	100.0	99.5	100.0	100.0	99.5	100.0	100.0		100.0	100.0
6451.2	1.55010	94.0	96.5	98.7	99.3	97.2	97.9	99.7	97.3	99.2	100.0	100.0	100.0	99.5	99.8	100.0	99.7	100.0	100.0		100.0	100.0
6451.4	1.55005	93.5	96.3	98.6	99.3	96.9	97.5	99.5	97.7	99.2	100.0	100.0	100.0	99.5	99.7	100.0	99.5	100.0	100.0		100.0	100.0
6451.6	1.55000	93.3	96.3	98.5	99.3	96.3	97.4	99.5	97.7	99.2	99.9	100.0	100.0	99.5	99.7	100.0	99.3	100.0	100.0		100.0	100.0
6451.8	1.54996	94.1	96.7	98.6	99.4	97.0	97.4	99.5	97.5	99.1	99.9	100.0	100.0	99.5	99.7	100.0	99.2	100.0	100.0		100.0	100.0
6452.0	1.54991	94.7	96.9	98.6	99.4	97.3	97.6	99.5	97.5	99.1	99.9	100.0	100.0	99.5	99.8	100.0	99.0	100.0	100.0		100.0	100.0
6452.2	1.54986	95.1	97.1	98.7	99.4	97.7	98.0	99.5	97.5	99.0	99.9	100.0	100.0	99.5	99.8	100.0	99.1	100.0	100.0		100.0	100.0
6452.4	1.54981	95.4	97.1	98.7	99.4	97.6	98.1	99.5	97.4	99.0	99.9	100.0	100.0	99.5	99.8	99.9	99.2	100.0	100.0		100.0	100.0
6452.6	1.54976	94.7	96.5	98.6	99.4	97.1	98.1	99.5	97.3	99.0	99.9	100.0	100.0	99.5	99.8	99.9	99.3	100.0	100.0		100.0	100.0
6452.8	1.54971	93.3	96.0	98.3	99.3	96.5	97.8	99.5	97.2	99.0	99.9	100.0	100.0	99.3	99.8	99.9	99.4	100.0	100.0		100.0	100.0
6453.0	1.54967	91.3	95.5	97.9	99.2	96.1	97.1	99.3	97.1	99.0	99.9	100.0	100.0	99.3	99.8	99.3	99.4	100.0	100.0		100.0	100.0
6453.2	1.54962	90.7	95.2	97.7	99.1	95.3	95.4	99.1	97.1	98.9	99.9	100.0	100.0	99.3	99.8	99.3	99.4	100.0	100.0		100.0	100.0
6453.4	1.54957	91.2	95.3	97.8	99.1	95.9	95.2	99.1	97.1	98.8	99.9	100.0	100.0	99.2	99.7	99.3	99.4	100.0	100.0		100.0	100.0
6453.6	1.54952	91.5	95.3	97.8	99.1	96.1	95.1	99.1	97.1	98.7	99.9	100.0	100.0	99.1	99.6	99.7	99.4	100.0	100.0		100.0	100.0
6453.8	1.54947	92.1	95.3	97.9	99.1	96.3	95.4	99.2	97.1	98.6	99.8	100.0	100.0	99.4	99.7	99.7	99.3	100.0	100.0		100.0	100.0
6454.0	1.54943	93.4	96.3	98.0	99.1	96.5	97.8	99.3	97.0	98.6	99.3	100.0	100.0	99.5	99.8	99.7	99.3	100.0	100.0		100.0	100.0
6454.2	1.54938	93.2	96.3	98.1	99.0	96.4	98.2	99.4	97.0	98.5	99.7	100.0	100.0	99.6	99.8	99.7	99.4	99.9	100.0		100.0	100.0
6454.4	1.54933	91.8	95.5	97.8	98.9	96.0	98.0	99.4	96.9	98.5	99.7	100.0	100.0	99.7	99.6	99.5	99.4	99.9	100.0		100.0	100.0
6454.6	1.54928	90.1	94.3	97.4	98.7	95.4	97.5	99.2	96.8	98.4	99.7	100.0	100.0	99.5	99.6	99.5	99.4	99.9	100.0		100.0	100.0
6454.8	1.54923	88.5	92.3	97.0	98.5	94.5	95.6	98.9	96.7	98.3	99.5	100.0	100.0	99.3	99.6	99.5	99.4	99.9	100.0		100.0	100.0
6455.0	1.54919	87.3	92.7	95.8	98.5	94.0	[illegible]	98.3	96.5	98.3	99.5	100.0	100.0	99.2	99.6	99.5	99.4	99.9	100.0		100.0	100.0
6455.2	1.54914	86.9	93.0	95.7	98.5	93.8	94.9	98.3	96.5	98.3	99.5	100.0	100.0	99.3	99.6	99.5	99.3	99.9	100.0		100.0	100.0
6455.4	1.54909	87.4	93.4	95.8	98.5	94.1	94.9	98.9	96.4	98.2	99.5	100.0	100.0	99.3	99.6	99.5	99.2	99.9	100.0		100.0	100.0
6455.6	1.54904	88.7	94.0	97.0	98.5	94.6	95.2	99.2	96.3	98.2	99.5	100.0	100.0	99.3	99.6	99.5	99.1	99.9	100.0		100.0	100.0
6455.8	1.54899	90.7	94.6	97.4	98.5	95.1	95.2	99.3	96.1	98.1	99.5	100.0	100.0	99.3	99.6	99.4	99.2	99.9	100.0		100.0	100.0
6456.0	1.54895	91.4	94.5	97.5	98.5	95.5	97.3	99.4	95.9	98.0	99.4	100.0	100.0	99.4	99.6	99.4	99.4	99.9	100.0		100.0	100.0
6456.2	1.54890	90.9	94.1	97.4	98.4	95.6	97.3	99.4	95.3	97.9	99.4	99.9	100.0	99.5	99.6	99.3	99.5	99.9	100.0		100.0	100.0
6456.4	1.54885	89.2	93.2	[illegible]	98.2	94.9	[illegible]	99.1	95.7	97.6	99.3	99.9	100.0	99.7	99.7	99.2	99.5	99.9	100.0		100.0	100.0
6456.6	1.54880	85.7	91.9	96.2	[illegible]	93.8	[illegible]	98.5	95.5	97.7	99.2	99.9	100.0	99.7	99.7	99.1	99.5	99.9	100.0		100.0	100.0
6456.8	1.54875	83.5	90.9	95.8	97.5	92.6	94.7	98.5	95.5	97.6	99.2	99.8	100.0	99.5	99.6	99.0	99.5	99.9	99.9		100.0	100.0
6457.0	1.54871	82.3	90.4	95.6	97.5	91.5	93.6	98.4	95.4	97.5	99.1	99.8	100.0	99.1	99.5	[illegible]	99.3	99.9	99.8		100.0	100.0
6457.2	1.54866	82.1	90.3	95.5	97.5	90.9	92.6	98.3	95.3	97.4	99.1	99.8	100.0	98.8	99.5	99.0	99.2	99.9	99.7		100.0	100.0
6457.4	1.54861	83.9	90.9	95.8	97.7	91.3	92.8	98.7	95.1	97.4	99.1	99.7	100.0	98.9	99.4	99.1	99.2	99.8	99.5		100.0	100.0
6457.6	1.54856	86.0	92.0	95.3	97.9	92.1	94.0	99.0	95.0	97.3	99.1	99.7	100.0	98.9	[illegible]	99.4	99.1	99.8	99.5		100.0	100.
6457.8	1.54851	87.5	92.8	95.7	98.0	93.2	95.2	99.2	94.9	97.2	99.0	99.7	100.0	98.9	98.9	99.3	99.3	99.8	99.5		100.0	100.0
6458.0	1.54847	88.2	92.8	95.9	98.0	94.4	95.9	99.3	94.7	97.1	98.9	99.6	100.0	99.0	99.1	99.2	99.3	99.8	99.7		100.0	100.0
6458.2	1.54842	86.7	91.8	95.5	97.8	94.4	95.5	98.9	94.5	96.9	98.8	99.6	100.0	99.2	99.4	99.1	99.3	99.8	99.8		100.0	100.0
6458.4	1.54837	84.1	90.2	95.8	97.4	93.2	95.6	98.4	94.4	96.7	98.8	99.6	100.0	99.3	99.6	99.0	99.3	99.6	99.9		100.0	100.0
6458.6	1.54832	81.4	88.7	95.1	97.1	91.4	94.0	97.9	94.3	96.5	98.7	99.5	100.0	99.4	99.6	98.8	99.4	99.8	99.9		100.0	100.0
6458.8	1.54828	78.9	87.5	94.3	96.3	89.3	92.0	97.5	94.2	96.3	98.5	99.5	100.0	99.1	99.5	98.7	99.3	99.8	100.0		100.0	100.0
6459.0	1.54823	77.5	87.2	94.0	96.7	88.1	[illegible]	97.4	94.0	96.2	98.5	99.5	100.0	98.5	99.4	98.7	99.3	99.8	99.9		100.0	100.0
6459.2	1.54818	77.4	87.4	94.1	96.3	88.0	90.4	97.5	93.8	96.1	98.5	99.4	100.0	98.1	99.4	98.3	99.2	99.8	99.8		100.0	100.0
6459.4	1.54813	78.5	88.3	94.4	97.0	88.7	[illegible]	97.9	93.7	96.0	98.5	99.4	100.0	98.1	99.2	98.3	99.1	99.8	99.7		99.9	100.0
6459.6	1.54808	81.2	89.8	95.0	97.2	90.0	91.3	98.2	93.5	95.9	98.4	99.4	100.0	98.3	98.9	99.0	98.9	99.8	99.7		99.9	100.0
6459.8	1.54804	83.9	90.5	95.6	97.4	92.0	93.5	98.5	93.3	95.8	98.4	99.3	100.0	98.7	98.8	99.2	98.9	99.6	99.7		99.9	100.0
6460.0	1.54799	84.2	90.7	95.6	97.1	92.8	[illegible]	[illegible]	93.2	95.7	98.3	99.3	100.0	99.2	98.9	99.4	99.2	99.8	99.3		99.9	100.0
6460.2	1.54794	83.0	89.3	94.9	96.5	92.3	94.6	97.9	93.0	95.6	98.3	99.3	100.0	99.4	98.9	99.4	99.2	99.8	99.3		99.9	100.0
6460.4	1.54789	80.4	86.9	93.5	95.9	90.4	93.3	97.3	92.8	95.5	98.2	99.2	100.0	99.3	99.1	99.3	99.1	99.8	99.7		99.9	100.0
6460.6	1.54784	75.9	84.5	92.5	95.5	87.8	91.0	96.4	92.5	95.3	98.1	99.2	100.0	99.0	99.2	[illegible]	99.1	99.7	99.7		99.9	100.0
6460.8	1.54780	72.2	83.3	91.9	95.3	85.7	88.7	96.2	92.2	95.2	98.0	99.2	100.0	98.5	99.2	98.5	99.1	99.7	99.5		99.9	100.0
6461.0	1.54775	70.0	82.8	91.6	95.3	84.4	87.0	96.3	92.0	95.0	98.0	99.1	100.0	98.2	99.2	98.5	99.1	99.7	99.5		99.9	100.0
6461.2	1.54770	69.7	83.1	91.6	95.5	84.5	85.5	96.5	91.7	94.9	97.9	99.1	100.0	98.0	99.5	98.7	99.1	99.7	99.4		99.9	100.0
6461.4	1.54765	72.0	84.3	92.2	96.2	87.1	87.7	97.5	91.4	94.7	97.8	99.1	99.9	97.9	[illegible]	98.7	99.1	99.7	99.4		99.9	100.0
6461.6	1.54760	75.5	86.5	93.2	96.4	89.7	89.6	97.9	91.2	94.6	97.7	99.0	99.9	98.0	97.9	98.3	99.1	99.7	99.5		99.9	100.0
6461.8	1.54756	78.3	87.2	93.7	96.4	90.7	91.6	97.9	90.9	94.4	97.5	99.0	99.8	98.5	[illegible]	98.7	99.3	99.7	99.5		99.9	100.0
6462.0	1.54751	78.9	86.5	93.6	96.1	89.9	92.9	97.5	90.5	94.2	97.5	99.0	99.8	98.3	98.5	98.5	99.3	99.7	99.5		99.9	100.0
6462.2	1.54746	76.0	84.5	92.5	95.1	87.2	92.5	96.4	90.3	94.0	97.5	98.9	99.7	98.3	98.9	98.5	99.2	99.7	99.5		99.9	100.0
6462.4	1.54741	71.9	81.9	90.7	94.3	83.7	90.0	95.4	90.1	93.8	97.4	98.9	99.7	98.5	99.1	98.3	99.0	99.7	99.5		99.9	100.0
6462.6	1.54736	67.9	79.5	89.3	93.7	81.0	87.2	94.3	89.8	93.5	97.3	98.9	99.7	98.2	99.1	98.0	98.5	99.5	99.4		99.8	100.0
6462.8	1.54732	64.3	78.0	88.4	93.5	79.5	84.7	94.5	89.5	93.2	97.2	98.9	99.6	97.5	98.8	97.9	98.5	99.4	99.3		99.8	100.0
6463.0	1.54727	61.7	77.4	[illegible]	93.4	80.3	[illegible]	94.9	89.3	93.0	97.0	98.9	99.6	97.4	98.2	97.9	98.7	99.4	99.2		99.8	100.0
6463.2	1.54722	62.5	78.3	88.4	94.4	83.4	[illegible]	95.3	89.0	92.8	97.0	98.8	99.5	97.5	97.6	98.1	98.8	99.3	99.3		99.8	100.0
6463.4	1.54717	65.2	[illegible]	90.1	95.1	86.9	84.6	96.7	88.7	92.6	96.9	98.7	99.5	97.9	97.6	98.4	98.9	99.3	99.5		99.8	100.0
6463.6	1.54713	69.0	82.8	91.7	95.2	88.4	[illegible]	97.2	88.4	92.4	96.8	98.7	99.4	98.2	97.9	98.5	99.1	99.4	99.3		99.8	100.0
6463.8	1.54708	72.7	83.5	91.8	94.9	86.7	[illegible]	97.1	88.2	92.2	96.7	98.6	99.4	98.5	98.3	98.5	99.2	99.5	99.3		99.8	100.0

6464.0	1.54703	71.5	81.1	[illegible]	[illegible]	82.7	[illegible]	[illegible]	[illegible]	[illegible]	96.5	98.6	99.3	98.6	[illegible]	[illegible]	99.2	99.6	99.7	99.9	100.
6464.2	1.54698	68.3	[illegible]	89.2	92.7	78.5	[illegible]	[illegible]	87.6	91.7	96.5	98.5	99.3	97.9	[illegible]	98.4	99.1	99.4	99.5	99.9	99.9
6464.4	1.54693	63.1	[illegible]	87.2	[illegible]	75.0	[illegible]	93.5	87.3	91.5	96.4	98.4	99.1	97.3	[illegible]	98.2	98.7	99.1	99.3	99.9	[illegible]
6464.6	1.54689	57.7	72.3	85.0	91.5	73.6	[illegible]	92.3	86.9	91.2	96.2	98.3	99.2	96.9	[illegible]	98.7	98.4	98.8	99.1	99.9	[illegible]
6464.8	1.54684	54.1	71.1	84.3	91.5	75.1	[illegible]	93.0	86.5	[illegible]	[illegible]	98.2	99.2	96.6	[illegible]	[illegible]	98.2	[illegible]	99.1	99.9	[illegible]
6465.0	1.54679	53.3	71.7	84.4	[illegible]	78.1	[illegible]	93.9	86.2	90.8	95.9	98.3	99.1	96.5	[illegible]	97.7	98.4	99.7	99.1	99.9	99.9
6465.2	1.54674	55.7	73.7	85.5	[illegible]	81.7	79.6	95.1	85.9	90.6	95.9	98.4	99.1	97.1	[illegible]	[illegible]	98.5	[illegible]	99.2	99.9	99.9
6465.4	1.54669	59.4	76.5	85.9	93.4	84.7	81.2	96.2	[illegible]	[illegible]	95.8	98.6	99.0	97.7	[illegible]	98.5	98.3	99.2	99.4	99.9	99.9
6465.6	1.54665	63.7	78.7	88.1	[illegible]	83.5	84.9	96.4	85.2	90.2	95.5	98.7	99.0	98.1	[illegible]	98.4	99.1	99.3	99.5	99.9	99.9
6465.8	1.54660	64.9	78.0	89.9	93.0	80.2	87.5	95.5	85.1	90.1	95.4	98.5	99.0	98.0	[illegible]	98.5	99.2	99.5	99.5	99.7	99.8
6466.0	1.54655	63.4	75.4	85.9	91.5	75.3	[illegible]	94.2	84.7	[illegible]	95.2	98.3	98.9	97.1	[illegible]	98.2	98.5	99.4	99.5	99.7	[illegible]
6466.2	1.54650	59.6	71.7	85.3	90.1	71.7	85.8	92.4	84.5	[illegible]	95.0	98.2	98.9	96.2	[illegible]	97.7	98.2	99.1	99.3	99.7	99.8
6466.4	1.54646	53.9	68.3	82.6	89.4	69.1	[illegible]	91.4	84.0	88.8	94.4	[illegible]	98.5	95.5	97.5	97.3	97.9	99.8	99.1	99.7	99.8
6466.6	1.54641	49.2	65.9	81.8	89.0	69.2	77.6	91.3	83.5	88.5	94.5	97.8	98.8	95.1	[illegible]	97.1	97.7	[illegible]	98.9	99.7	99.8
6466.8	1.54636	46.5	65.9	79.9	89.5	71.9	[illegible]	92.3	83.7	88.4	94.4	97.7	98.7	95.3	95.1	97.1	98.0	99.3	98.7	99.7	99.8
6467.0	1.54631	46.5	67.4	80.3	90.7	76.8	74.0	93.9	82.5	88.2	94.3	97.5	98.7	96.0	95.4	97.5	98.3	99.4	98.5	99.7	99.5
6467.2	1.54626	49.9	70.3	82.6	92.0	81.1	76.4	95.1	82.2	88.0	94.2	97.4	98.6	96.9	[illegible]	[illegible]	98.5	98.7	98.8	99.7	99.7
6467.4	1.54622	54.9	73.9	84.6	92.5	81.9	80.5	95.3	81.9	87.8	94.1	[illegible]	98.5	97.5	[illegible]	98.3	98.3	99.2	99.1	99.7	99.7
6467.6	1.54617	58.3	74.2	83.9	92.2	79.4	84.5	95.5	81.5	87.6	94.0	97.2	98.6	97.7	[illegible]	98.4	98.7	99.4	99.3	99.7	99.7
6467.8	1.54612	59.1	72.4	85.7	90.5	74.5	87.0	93.3	81.1	87.2	93.8	[illegible]	98.5	96.9	98.4	97.9	98.4	99.3	99.4	99.7	99.7
6468.0	1.54607	56.3	69.1	83.6	86.5	69.4	85.4	91.4	80.5	85.7	93.5	96.9	98.5	95.7	98.5	97.3	98.0	99.1	99.1	99.7	99.7
6468.2	1.54603	52.1	64.0	80.7	85.9	65.2	81.5	89.3	80.2	85.1	93.4	96.8	98.6	94.5	97.7	96.7	97.5	98.7	98.7	99.7	99.7
6468.4	1.54598	45.9	60.2	77.6	86.1	63.0	76.7	89.2	79.5	85.6	93.2	96.7	98.5	94.2	95.6	96.5	97.4	98.1	98.4	99.7	99.7
6468.6	1.54593	40.9	58.5	75.2	86.3	63.4	72.5	89.3	79.1	85.2	93.0	96.6	98.5	93.9	95.8	96.7	97.5	97.8	98.3	99.7	99.7
6468.8	1.54588	38.5	59.3	75.0	87.7	68.5	70.6	91.7	78.5	84.9	92.8	96.5	98.4	94.4	95.5	97.1	97.9	97.7	98.3	99.7	99.6
6469.0	1.54583	40.9	62.9	75.3	89.3	74.2	70.6	93.4	78.0	84.8	92.5	96.4	98.4	95.9	[illegible]	97.5	98.4	99.0	98.5	99.5	99.6
6469.2	1.54579	46.1	65.9	78.6	90.1	77.5	74.5	94.5	77.5	84.5	92.4	96.3	98.3	96.5	[illegible]	[illegible]	98.7	98.7	98.3	99.5	99.6
6469.4	1.54574	50.5	68.1	81.1	90.0	77.3	[illegible]	94.5	77.1	84.1	92.3	96.3	98.3	97.0	[illegible]	97.9	98.9	99.1	99.1	99.5	99.6
6469.6	1.54569	52.7	68.4	81.7	88.1	72.3	83.5	92.5	76.5	83.5	92.0	96.1	98.3	96.5	[illegible]	97.5	98.5	99.3	99.2	99.5	99.6
6469.8	1.54564	50.2	64.9	79.8	85.5	67.2	82.2	90.2	76.0	83.0	91.7	96.0	98.2	95.0	[illegible]	[illegible]	98.1	99.4	99.1	99.5	99.6
6470.0	1.54560	44.5	59.9	75.6	83.3	61.3	79.2	87.9	75.4	82.6	91.5	95.9	98.1	94.0	[illegible]	[illegible]	97.5	98.8	98.9	99.5	99.6
6470.2	1.54555	38.7	55.4	73.0	82.5	56.1	72.4	86.2	74.7	82.0	91.0	95.8	98.0	93.0	[illegible]	[illegible]	97.2	98.4	98.4	99.5	99.6
6470.4	1.54550	33.3	52.3	70.3	82.7	55.5	57.7	86.4	74.1	81.5	90.3	95.6	97.9	92.4	[illegible]	[illegible]	97.0	99.1	97.8	99.5	99.5
6470.6	1.54545	30.5	51.5	69.5	84.1	58.9	55.3	88.3	73.5	81.4	90.7	95.5	97.9	92.4	[illegible]	[illegible]	97.2	97.9	97.5	99.5	99.5
6470.8	1.54540	31.3	54.5	70.6	86.1	64.4	55.0	90.3	72.9	81.2	90.5	95.3	97.8	93.7	[illegible]	[illegible]	97.5	98.0	97.7	99.4	99.5
6471.0	1.54536	36.1	58.9	73.3	87.4	70.5	69.8	93.0	72.4	80.8	90.3	95.2	97.8	95.3	[illegible]	[illegible]	98.2	99.2	98.0	99.5	99.5
6471.2	1.54531	40.3	62.0	75.1	[illegible]	73.2	75.1	93.4	71.9	80.5	90.1	95.1	97.7	96.5	[illegible]	[illegible]	98.6	99.7	98.5	99.5	99.5
6471.4	1.54526	43.3	61.7	77.1	85.5	70.9	79.2	91.0	71.5	80.3	89.9	95.0	97.7	94.8	[illegible]	[illegible]	[illegible]	99.4	98.9	99.5	99.5
6471.6	1.54521	41.4	57.6	75.4	82.5	66.2	80.5	87.7	71.0	79.8	89.5	94.9	97.7	95.4	[illegible]	[illegible]	[illegible]	99.4	99.1	99.4	99.5
6471.8	1.54517	38.0	52.5	72.4	80.3	60.1	78.4	84.5	70.3	79.9	89.2	94.7	97.6	93.9	[illegible]	[illegible]	[illegible]	99.1	99.0	99.3	99.5
6472.0	1.54512	32.5	47.3	53.7	78.3	53.5	71.9	83.2	69.7	79.1	88.8	94.6	97.6	92.2	[illegible]	95.4	97.1	[illegible]	98.2	99.3	99.5
6472.2	1.54507	26.3	44.4	55.5	78.5	50.0	55.6	83.5	69.0	77.6	88.5	94.4	97.5	90.9	94.9	[illegible]	96.7	[illegible]	97.9	99.3	99.5
6472.4	1.54502	24.7	44.5	53.8	80.1	50.2	51.3	85.3	68.4	77.4	88.3	94.3	97.4	90.5	93.4	95.4	96.5	[illegible]	97.5	99.3	99.3
6472.6	1.54497	25.1	47.2	54.0	82.5	54.1	59.9	88.2	67.9	77.2	88.1	94.1	97.4	91.3	92.9	[illegible]	96.4	[illegible]	97.4	99.3	[illegible]
6472.8	1.54493	27.9	51.0	57.3	84.3	61.5	62.8	90.3	67.3	75.8	87.9	94.0	97.3	93.0	92.9	[illegible]	97.4	[illegible]	97.4	99.3	99.3
6473.0	1.54488	32.4	54.9	70.5	84.4	66.2	69.1	91.1	66.3	75.4	87.7	93.9	97.3	95.1	93.6	[illegible]	98.2	97.9	98.1	99.2	99.3
6473.2	1.54483	35.9	55.2	71.9	82.5	67.3	73.0	89.5	66.3	75.1	87.5	93.7	97.2	96.1	95.1	96.9	98.3	99.7	98.4	99.2	99.3
6473.4	1.54478	34.5	52.0	71.2	78.9	64.4	75.1	86.3	65.9	75.4	87.3	93.6	97.2	95.3	95.8	96.2	98.1	99.2	99.5	99.2	99.3
6473.6	1.54474	30.9	47.3	59.7	75.9	57.5	73.3	81.9	65.2	74.8	87.0	93.4	97.2	93.7	97.6	[illegible]	97.5	99.1	99.0	99.1	99.3
6473.8	1.54469	26.1	42.0	54.7	74.3	51.4	67.5	80.1	64.5	74.3	86.5	93.1	97.1	91.8	97.3	95.2	96.3	98.6	98.3	99.1	99.3
6474.0	1.54464	21.3	38.5	50.7	74.1	46.4	51.2	90.0	63.9	73.4	86.2	92.9	97.0	89.9	95.8	94.3	96.0	97.7	97.5	99.1	[illegible]
6474.2	1.54459	18.9	37.9	57.6	75.9	42.5	56.1	81.4	63.2	73.0	85.8	92.7	96.9	89.0	94.0	94.2	95.7	97.0	96.3	99.1	99.0
6474.4	1.54454	19.1	39.5	53.5	78.7	44.2	55.2	85.2	62.5	72.6	85.5	92.6	96.8	89.1	92.5	94.7	95.5	95.5	96.9	99.2	99.0
6474.6	1.54450	22.1	43.5	51.4	80.5	49.5	57.6	88.2	61.9	72.2	85.3	92.4	96.6	90.2	91.6	95.4	96.0	95.3	97.0	99.2	[illegible]
6474.8	1.54445	25.3	47.1	54.9	80.3	56.1	52.8	69.2	61.2	71.9	85.1	92.3	96.5	92.5	92.0	96.3	96.9	97.1	97.3	99.2	99.1
6475.0	1.54440	27.5	47.5	57.7	79.2	61.9	70.5	87.3	60.7	71.5	84.3	92.2	96.4	94.4	93.7	96.3	98.0	99.1	98.0	99.2	99.2
6475.2	1.54435	27.9	45.2	55.2	75.7	60.4	71.5	83.2	60.1	71.0	84.5	92.0	96.3	95.2	95.4	95.9	98.1	99.7	98.7	99.2	99.3
6475.4	1.54431	25.1	40.1	53.1	72.5	56.4	59.8	79.3	59.5	70.5	84.2	91.9	96.2	94.5	95.8	95.2	97.3	99.0	99.0	99.2	99.3
6475.6	1.54426	20.4	35.7	59.5	70.4	50.4	53.4	76.5	59.0	71.0	83.8	91.7	96.2	91.7	97.1	94.4	96.1	99.7	98.3	99.2	99.2
6475.8	1.54421	16.7	32.7	53.5	69.7	42.9	55.9	76.2	58.3	69.1	83.4	91.4	96.1	89.5	95.0	94.1	95.5	97.7	98.0	99.2	99.1
6476.0	1.54416	14.4	31.5	51.9	71.4	38.5	52.0	78.5	57.5	59.3	83.0	91.1	96.0	87.3	94.1	[illegible]	95.0	95.6	97.0	99.2	[illegible]
6476.2	1.54412	14.0	33.3	53.5	74.4	37.8	50.9	82.4	56.9	57.8	82.5	90.9	95.9	86.9	92.0	94.0	95.0	95.6	96.5	99.2	98.9
6476.4	1.54407	16.0	37.5	55.5	76.3	40.9	52.6	86.3	56.3	57.4	82.4	90.7	95.7	87.9	90.7	94.5	95.3	95.7	96.3	99.2	98.6
6476.6	1.54402	18.5	40.5	59.9	77.5	48.1	57.3	67.7	55.7	57.1	82.3	90.6	95.6	90.2	90.7	95.3	96.4	95.0	96.5	99.2	98.9
6476.8	1.54397	21.0	41.5	52.0	75.7	53.4	53.8	84.7	55.1	55.8	82.1	90.4	95.4	92.7	91.5	95.9	97.1	95.9	97.2	99.2	99.0
6477.0	1.54392	21.4	39.5	50.3	71.5	55.4	55.6	80.7	54.4	55.3	81.7	90.2	95.3	94.5	95.1	95.9	97.7	99.2	98.0	99.2	99.1
6477.2	1.54388	18.9	34.9	55.6	67.9	53.9	54.8	76.5	53.7	55.7	81.3	90.0	95.2	93.5	95.1	95.8	96.9	98.8	98.5	99.2	99.1
6477.4	1.54383	15.9	30.5	51.0	65.3	48.7	59.3	73.5	53.0	55.1	80.9	89.8	95.1	90.9	[illegible]	94.5	95.9	98.7	98.7	99.2	98.9
6477.6	1.54378	13.1	27.2	47.7	65.3	42.4	52.0	73.9	52.3	54.2	80.4	89.6	95.0	88.3	95.3	93.7	94.9	97.8	97.9	99.2	[illegible]
6477.8	1.54373	11.1	25.9	45.5	67.1	36.5	47.5	76.2	51.7	53.2	80.0	89.4	94.9	86.3	93.5	93.5	94.0	95.4	96.9	99.2	[illegible]
6478.0	1.54369	10.9	28.4	43.0	70.4	32.2	45.9	80.5	51.0	52.6	79.5	89.3	94.7	85.0	91.3	93.8	93.9	95.3	96.0	99.2	98.5
6478.2	1.54364	12.0	31.4	51.7	72.3	33.8	50.1	84.2	50.4	52.3	79.2	89.1	94.6	85.9	89.7	94.2	94.5	95.2	96.1	99.2	[illegible]
6478.4	1.54359	14.2	33.8	55.5	73.5	39.7	55.3	84.5	49.7	52.0	78.9	88.9	94.5	88.0	89.2	94.5	95.5	95.9	96.5	99.1	[illegible]
6478.6	1.54354	16.1	35.3	55.7	71.3	45.9	59.8	82.1	48.9	51.6	78.5	88.7	94.5	90.9	93.1	94.9	96.7	[illegible]	97.3	99.1	98.8
6478.8	1.54350	15.5	33.4	54.0	68.4	50.2	52.3	77.5	48.2	50.9	78.3	88.5	94.4	93.7	92.5	95.1	97.3	97.9	98.1	99.1	[illegible]
6479.0	1.54345	13.9	29.7	49.3	64.3	48.1	58.4	72.9	47.5	50.3	77.3	88.3	94.3	92.3	94.9	94.5	96.5	99.4	98.5	99.1	[illegible]
6479.2	1.54340	11.3	25.2	44.6	61.5	43.1	51.5	70.5	47.0	59.6	77.3	88.1	94.2	90.5	95.0	93.5	95.5	99.2	98.2	99.1	[illegible]
6479.4	1.54335	8.7	22.5	42.1	60.9	36.9	45.2	70.5	46.4	59.8	76.3	87.9	94.1	88.0	95.3	92.5	94.7	97.3	97.5	[illegible]	[illegible]
6479.6	1.54331	7.2	21.7	41.2	62.4	30.3	41.6	72.5	45.7	59.2	76.3	87.7	94.0	84.7	92.9	[illegible]	92.9	95.8	96.7	[illegible]	[illegible]
6479.8	1.54326	7.1	23.1	42.4	65.5	27.9	42.1	77.9	45.0	57.7	76.2	87.4	93.9	83.3	91.2	[illegible]	92.4	93.7	95.9	[illegible]	[illegible]

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
p(atm)		2.50×10^{0}	2.53×10^{0}	2.53×10^{0}	2.50×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.46×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{0}	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}
P_e(atm)		3.29×10^{0}	3.32×10^{0}	3.32×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}
u (atm cm) STP		2.17×10^{5}	1.16×10^{5}	5.57×10^{4}	2.80×10^{4}	[illegible]$.71 \times 10^{4}$	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}
(cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
6480.0	1.54321	8.5	26.7	47.0	68.3	29.4	45.5	81.4	44.3	57.2	75.9	91.2	93.3	83.9	93.4	93.0	93.4	94.6	95.5		98.8	93.5
6480.2	1.54316	10.8	28.9	50.2	69.5	33.9	50.8	82.5	43.5	54.8	75.5	91.0	93.7	86.2	97.9	93.8	94.5	94.8	95.4		98.8	93.6
6480.4	1.54311	11.8	29.7	50.7	67.7	40.0	57.1	80.3	43.0	55.5	75.3	92.7	93.5	89.5	99.4	94.5	96.2	95.9	95.7		98.7	93.8
6480.6	1.54307	11.5	28.5	43.4	63.9	43.5	57.2	74.9	42.4	55.9	74.9	95.4	93.4	91.7	92.0	94.5	96.4	97.2	97.4		98.7	93.7
6480.8	1.54302	10.7	24.9	43.9	59.7	43.4	53.4	70.4	41.9	55.2	74.5	95.1	93.2	91.5	94.4	94.0	95.3	93.0	98.1		98.7	93.6
6481.0	1.54297	8.5	21.1	39.7	57.3	40.0	47.8	67.7	41.2	54.5	74.1	93.9	93.1	89.3	95.8	93.2	94.7	93.0	98.0		98.7	93.5
6481.2	1.54292	6.8	18.7	37.0	56.7	33.9	42.6	67.9	40.7	53.9	73.7	93.7	93.0	85.4	94.0	92.3	93.3	95.5	97.5		98.7	93.2
6481.4	1.54288	5.5	17.3	35.5	59.3	27.7	38.9	72.0	40.1	53.3	73.2	95.5	92.9	82.9	91.3	91.9	92.4	95.1	96.2		98.7	93.1
6481.6	1.54283	5.7	19.1	39.0	62.5	24.5	39.3	76.5	39.6	52.8	72.8	93.3	92.6	81.7	93.9	91.9	92.2	94.1	95.5		98.7	93.2
6481.8	1.54278	6.9	22.0	43.1	65.2	24.7	43.1	80.2	39.1	52.4	72.5	93.2	92.7	82.4	97.3	92.4	93.1	93.6	95.3		98.7	93.3
6482.0	1.54273	7.9	24.1	45.8	65.7	29.3	49.0	80.7	38.5	52.1	72.1	93.1	92.7	85.7	97.3	93.4	94.5	94.3	95.5		98.7	93.6
6482.2	1.54269	8.5	24.9	45.2	63.7	35.3	52.5	77.3	38.1	51.6	71.7	93.0	92.6	89.0	89.2	93.8	95.3	95.5	96.2		98.7	93.5
6482.4	1.54264	8.2	23.3	42.9	59.9	38.9	52.5	72.7	37.6	51.0	71.3	92.7	92.5	90.5	92.7	93.8	96.1	97.0	97.1		98.7	93.4
6482.6	1.54259	6.4	20.3	39.9	55.9	39.2	49.1	67.9	37.2	50.4	71.0	94.4	92.4	89.9	94.6	93.4	95.2	94.2	97.3		98.7	93.2
6482.8	1.54254	5.5	17.3	35.2	53.3	34.9	42.6	64.7	36.7	50.1	71.5	95.1	92.3	86.4	94.9	92.2	93.1	97.5	97.9		98.7	93.0
6483.0	1.54250	4.5	15.0	32.4	53.3	28.4	37.7	65.3	36.0	49.5	70.3	[illegible]	92.2	83.1	92.4	91.5	91.5	95.0	97.0		98.6	97.9
6483.2	1.54245	4.0	14.5	32.1	56.4	23.3	35.4	69.4	35.5	49.9	70.1	95.5	92.0	80.5	89.6	91.2	90.9	94.1	95.7		98.5	97.9
6483.4	1.54240	4.3	16.5	35.3	60.5	20.7	35.1	75.7	35.1	49.4	69.5	95.7	93.8	79.1	97.5	91.3	91.1	93.5	94.5		96.5	93.5
6483.6	1.54235	4.5	18.7	39.0	62.2	22.0	40.6	78.7	34.5	49.1	69.5	[illegible]	93.7	80.4	95.1	92.4	92.9	93.5	94.4		98.5	93.5
6483.8	1.54231	5.5	20.5	41.8	61.3	27.5	45.1	77.1	34.3	47.9	69.3	[illegible]	93.6	84.5	95.3	93.2	94.5	94.7	95.1		98.5	93.4
6484.0	1.54226	5.9	20.4	40.4	58.0	32.5	49.3	72.5	34.0	47.5	69.0	94.2	91.5	88.4	93.6	93.5	95.5	95.	96.0		98.5	93.5
6484.2	1.54221	5.4	18.5	37.2	54.4	35.0	49.8	66.3	33.5	47.0	68.7	95.[illegible]	91.4	90.5	92.4	93.5	95.2	97.6	97.1		98.4	93.1
6484.4	1.54216	4.5	16.0	33.3	51.0	32.9	42.6	63.2	33.3	45.5	68.3	92.6	95.3	87.3	94.2	92.5	92.0	97.2	97.9		98.3	97.8
6484.6	1.54212	3.9	13.5	29.5	49.4	28.2	37.0	63.0	32.9	45.0	68.0	92.6	91.2	83.5	92.7	91.3	91.3	95.[illegible]	97.3		98.2	97.6
6484.8	1.54207	3.5	12.1	23.9	51.4	23.1	33.3	65.3	32.5	45.5	67.7	91.5	91.0	80.0	93.2	90.5	90.3	94.7	96.1		98.2	97.5
6485.0	1.54202	3.1	13.0	31.9	54.2	18.9	32.4	71.2	32.2	45.4	67.4	92.2	91.6	78.3	97.5	91.3	90.2	93.[illegible]	94.3		98.1	97.6
6485.2	1.54197	3.5	15.0	35.4	57.7	18.1	35.3	75.4	31.9	45.1	67.2	92.1	90.9	79.0	95.7	90.9	91.4	92.5	94.5		98.1	97.7
6485.4	1.54192	3.9	17.1	33.0	59.2	21.9	41.0	76.5	31.5	44.9	67.0	92.8	91.8	82.9	95.[illegible]	92.1	93.3	92.9	95.0		98.[illegible]	97.[illegible]
6485.6	1.54188	4.2	18.1	37.7	58.5	26.7	44.9	74.4	31.1	44.6	66.8	91.8	90.5	86.5	97.6	93.[illegible]	94.9	94.2	95.7		98.0	93.1
6485.8	1.54183	4.3	17.1	35.5	54.9	30.9	47.0	69.4	30.3	44.3	66.5	91.7	91.7	89.2	91.4	93.1	95.5	95.4	96.5		98.0	93.2
6486.0	1.54178	3.4	15.1	32.4	51.0	31.7	44.1	64.3	30.4	44.0	66.2	91.5	90.7	87.2	93.6	92.5	93.5	97.5	97.4		98.0	93.1
6486.2	1.54173	3.2	12.7	29.0	48.1	28.2	38.9	61.4	30.1	43.6	65.9	91.4	90.6	84.3	93.6	91.4	91.6	95.5	97.3		97.9	97.[illegible]
6486.4	1.54169	2.2	11.2	27.0	47.3	23.3	34.0	60.9	29.3	43.2	65.7	91.5	90.5	80.9	92.[illegible]	90.4	90.1	94.6	96.4		97.9	97.4
6486.6	1.54164	2.1	10.7	27.3	48.2	18.9	32.5	62.9	29.5	42.8	65.5	81.1	90.3	77.3	92.1	90.1	89.3	93.	95.5		97.8	97.3
6486.8	1.54159	2.2	11.5	29.4	51.7	16.5	30.3	68.0	29.2	42.5	65.4	91.0	90.2	76.3	93.9	90.3	90.3	92.7	94.4		97.8	97.[illegible]
6487.0	1.54154	2.5	13.0	32.6	54.7	18.5	33.2	72.5	29.0	42.3	65.4	90.9	90.1	78.3	94.6	91.2	91.3	92.1	94.2		97.7	97.[illegible]
6487.2	1.54150	3.0	15.1	34.9	56.5	21.5	37.4	74.3	28.3	42.2	65.3	91.6	90.0	82.5	95.	92.1	93.5	93.2	94.7		97.7	93.[illegible]
6487.4	1.54145	3.1	15.4	34.9	56.1	24.9	42.1	73.5	28.5	42.0	65.3	91.8	90.0	87.1	99.1	92.7	95.3	95.3	95.9		97.7	93.1
6487.6	1.54140	3.0	14.3	33.6	53.5	27.9	43.9	67.3	28.4	41.5	65.2	91.6	89.9	88.2	91.7	92.3	94.3	95.6	97.1		97.6	93.1
6487.8	1.54135	2.7	13.4	31.3	49.7	26.5	41.7	63.2	28.3	41.7	64.3	91.0	89.9	85.3	93.[illegible]	91.4	92.1	95.[illegible]	97.6		97.6	97.9
6488.0	1.54131	2.0	11.3	28.3	46.7	22.8	37.3	60.3	28.[illegible]	41.4	64.5	91.0	89.6	81.2	92.4	90.3	90.1	95.1	97.1		97.5	97.6
6488.2	1.54126	1.5	10.1	25.0	45.5	17.5	31.8	59.4	28.0	41.0	64.2	91.2	89.5	77.3	89.8	89.9	89.1	93.3	95.7		97.6	97.4
6488.4	1.54121	1.5	9.8	25.3	47.1	15.4	29.2	63.0	27.8	41.8	64.1	91.1	89.8	75.9	95.[illegible]	89.9	89.5	91.9	94.5		97.5	97.3
6488.6	1.54116	1.9	10.5	25.5	50.4	16.5	29.7	67.3	27.5	41.6	64.0	91.1	89.7	77.7	94.[illegible]	91.[illegible]	91.2	91.[illegible]	94.2		97.5	97.4
6488.8	1.54112	2.4	12.1	29.1	53.4	19.9	32.2	71.9	27.4	41.5	63.5	91.6	89.7	81.2	94.[illegible]	92.1	93.1	92.3	94.5		97.6	97.5
6489.0	1.54107	2.7	13.3	31.6	55.[illegible]	24.2	35.2	74.1	27.3	40.6	63.4	[illegible]	89.7	85.5	95.6	92.5	94.7	93.4	95.5		97.5	97.[illegible]
6489.2	1.54102	2.4	13.9	33.1	54.2	26.3	40.0	71.5	27.[illegible]	40.5	63.7	[illegible]	90.6	87.5	99.7	92.0	94.5	95.2	96.3		97.5	93.
6489.4	1.54097	2.7	13.3	32.1	51.2	25.1	41.0	66.2	27.[illegible]	40.4	63.7	[illegible]	89.6	85.5	92.1	91.3	92.9	95.	97.3		97.5	97.[illegible]
6489.6	1.54093	2.3	11.6	29.7	47.7	21.5	39.9	61.4	26.9	40.4	63.5	[illegible]	89.5	81.8	92.4	91.5	90.7	93.6	97.[illegible]		97.4	97.6
6489.8	1.54088	1.[illegible]	9.[illegible]	25.[illegible]	45.[illegible]	16.5	33.6	58.5	26.4	40.3	63.5	[illegible]	89.5	76.[illegible]	97.[illegible]	89.[illegible]	89.[illegible]	93.[illegible]	95.6		97.4	97.[illegible]
6490.0	1.54083	1.5	9.2	25.0	44.9	14.4	29.3	59.1	26.[illegible]	40.1	63.3	[illegible]	80.5	75.9	87.2	90.0	89.3	92.1	94.4		97.4	97.1
6490.2	1.54078	1.[illegible]	9.1	24.	45.[illegible]	14.8	27.3	62.0	26.4	39.[illegible]	63.1	[illegible]	[illegible]	76.3	84.[illegible]	90.[illegible]	90.6	91.[illegible]	93.[illegible]		97.4	97.[illegible]
6490.4	1.54074	1.4	9.7	25.5	49.[illegible]	17.2	28.2	66.3	26.5	39.[illegible]	63.1	[illegible]	[illegible]	79.6	87.[illegible]	91.3	92.5	92.[illegible]	94.2		97.4	97.[illegible]
6490.6	1.54069	1.[illegible]	11.2	28.[illegible]	52.[illegible]	21.1	32.3	71.3	26.5	39.9	63.1	[illegible]	[illegible]	83.3	84.[illegible]	91.[illegible]	94.5	93.[illegible]	95.2		97.4	97.[illegible]
6490.8	1.54064	2.1	12.4	31.[illegible]	54.[illegible]	24.1	35.6	72.4	26.5	40.[illegible]	63.1	[illegible]	[illegible]	86.5	88.[illegible]	91.5	94.1	93.[illegible]	96.[illegible]		97.4	97.
6491.0	1.54059	2.[illegible]	12.9	32.5	[illegible]	24.4	39.0	69.7	26.5	40.	63.1	[illegible]	[illegible]	85.2	97.[illegible]	91.1	92.4	94.[illegible]	97.1		97.4	97.[illegible]
6491.2	1.54055	2.3	12.4	33.[illegible]	[illegible]	22.3	39.0	65.1	26.5	40.	63.2	[illegible]	[illegible]	82.[illegible]	92.4	90.4	90.5	95.[illegible]	96.5		97.4	97.
6491.4	1.54050	1.	10.4	28.2	47.[illegible]	18.1	35.4	60.3	26.5	40.1	63.3	[illegible]	[illegible]	78.4	93.[illegible]	[illegible]	89.5	93.9	95.4		97.4	97.[illegible]
6491.6	1.54045	1.4	9.6	25.	45.[illegible]	15.3	32.8	58.5	26.5	40.1	63.3	[illegible]	[illegible]	75.9	96.[illegible]	[illegible]	89.4	93.[illegible]	94.2		97.3	97.[illegible]
6491.8	1.54040	1.[illegible]	8.[illegible]	24.	[illegible]	14.7	29.0	59.9	26.5	40.1	63.5	[illegible]	[illegible]	76.0	94.[illegible]	[illegible]	90.5	91.[illegible]	93.4		97.3	97.[illegible]
6492.0	1.54036	1.	9.[illegible]	24.[illegible]	[illegible]	16.3	27.1	63.9	26.5	40.[illegible]	63.4	[illegible]	[illegible]	76.7	93.[illegible]	91.	92.2	91.[illegible]	93.9		97.5	97.[illegible]
6492.2	1.54031	1.[illegible]	10.[illegible]	26.[illegible]	[illegible]	20.1	29.1	69.3	26.5	40.[illegible]	63.4	[illegible]	[illegible]	83.[illegible]	94.[illegible]	91.[illegible]	94.2	93.	94.5		97.5	97.[illegible]
6492.4	1.54026	1.[illegible]	12.	29.[illegible]	[illegible]	23.9	34.3	72.2	26.[illegible]	40.[illegible]	63.5	[illegible]	[illegible]	86.9	97.[illegible]	91.[illegible]	94.4	91.[illegible]	96.[illegible]		97.5	97.[illegible]
6492.6	1.54022	1.[illegible]	12.9	32.1	[illegible]	24.9	35.2	71.0	26.4	40.[illegible]	63.5	[illegible]	[illegible]	89.[illegible]	97.[illegible]	91.[illegible]	93.7	94.	97.		97.4	97.[illegible]
6492.8	1.54017	1.[illegible]	12.6	31.[illegible]	[illegible]	23.4	39.9	67.4	27.[illegible]	40.7	64.0	[illegible]	[illegible]	82.9	92.4	91.4	91.1	94.[illegible]	97.[illegible]		97.4	97.

6493.0	1.54012	1.5	11.2	29.3	48.1	19.4	35.5	62.0	27.1	40.9	64.2	79.6	89.3	78.2	90.9	89.5	89.5	94.6	95.9	97.3	97.7
6493.2	1.54007	1.4	10.0	25.7	46.5	15.5	33.9	59.7	27.4	41.1	64.3	79.9	89.4	76.5	97.4	89.7	89.5	92.6	94.7	97.3	97.4
6493.4	1.54003	1.3	9.4	25.1	46.2	15.0	30.1	59.5	27.5	41.2	64.3	79.9	89.4	76.7	94.8	90.3	90.7	91.7	94.1	97.3	97.2
6493.6	1.53998	1.4	9.5	25.2	48.5	16.5	27.9	62.1	27.5	41.5	64.5	80.0	89.4	79.0	93.8	91.2	92.2	91.8	94.1	97.3	97.1
6493.8	1.53993	1.7	11.0	27.2	53.0	21.1	28.3	68.3	28.0	41.9	64.8	80.2	89.5	84.0	95.4	91.7	94.3	92.9	94.7	97.3	97.3
6494.0	1.53988	2.0	12.3	30.4	54.9	24.1	33.0	71.9	28.2	42.1	65.0	80.4	89.5	86.3	97.9	91.5	94.2	95.1	96.0	97.3	97.5
6494.2	1.53984	2.2	13.4	32.9	55.0	25.0	37.1	72.0	28.4	42.4	65.3	80.6	89.6	85.7	90.5	91.1	93.2	95.4	96.5	97.3	97.8
6494.4	1.53979	2.3	13.5	33.2	53.4	23.8	39.8	69.3	28.7	42.7	65.5	80.8	89.7	82.9	92.4	90.2	91.7	95.4	96.3	97.4	98.0
6494.6	1.53974	2.3	12.7	32.1	50.9	19.7	39.1	64.5	29.2	43.0	65.9	80.9	89.8	79.4	90.8	89.7	90.5	94.8	95.7	97.4	98.0
6494.8	1.53969	2.2	11.4	29.7	49.1	17.0	35.5	61.5	29.5	43.2	66.1	81.0	90.0	77.5	95.1	89.5	90.0	93.3	94.5	97.4	97.9
6495.0	1.53965	2.0	10.0	28.0	48.3	16.0	31.5	61.2	30.1	43.5	66.4	81.2	90.1	77.5	95.7	89.9	90.5	92.4	94.1	97.4	97.7
6495.2	1.53960	1.9	10.4	27.5	50.5	17.2	28.3	63.3	30.3	44.0	66.5	81.4	90.1	79.5	94.1	90.3	92.5	92.0	94.0	97.5	97.5
6495.4	1.53955	2.1	11.4	28.2	54.3	21.5	28.7	68.9	30.5	44.4	66.9	81.6	90.2	83.4	94.7	91.4	94.3	93.3	95.2	97.5	97.6
6495.6	1.53950	2.5	12.9	31.3	56.3	25.2	32.2	72.4	30.9	44.9	67.0	81.8	90.2	85.9	97.3	91.7	94.8	95.0	96.4	97.5	97.7
6495.8	1.53946	2.9	14.4	33.9	57.5	27.2	36.9	73.5	31.2	45.4	67.4	82.1	90.3	86.5	90.5	91.7	94.3	95.5	97.3	97.5	97.8
6496.0	1.53941	3.0	14.9	33.5	56.5	25.9	40.1	70.7	31.5	45.9	67.9	82.3	90.4	83.9	92.1	90.9	92.9	95.3	97.1	97.5	98.0
6496.2	1.53936	3.0	14.5	35.3	54.3	23.1	40.2	66.9	32.0	45.4	68.3	82.6	90.5	81.2	90.6	90.3	91.5	95.1	96.5	97.6	98.1
6496.4	1.53931	2.9	13.7	33.2	53.0	20.3	37.9	64.2	32.5	45.9	68.9	82.8	90.6	79.5	95.4	90.0	91.0	93.9	95.5	97.7	98.0
6496.6	1.53927	2.7	12.5	31.5	52.7	18.2	33.5	63.2	33.0	47.5	69.2	83.0	90.8	79.0	95.1	90.1	91.2	93.2	94.7	97.7	97.8
6496.8	1.53922	2.5	12.3	30.7	54.5	19.5	30.6	65.5	33.5	49.0	69.5	83.2	90.9	80.5	93.3	91.0	92.5	93.0	94.5	97.9	97.7
6497.0	1.53917	2.2	12.9	32.4	58.1	22.5	31.3	69.5	34.1	49.6	70.0	83.4	91.0	83.4	95.7	91.3	94.0	93.8	94.7	97.9	97.7
6497.2	1.53912	2.5	14.3	33.4	60.5	26.5	34.1	73.5	34.7	49.3	70.5	83.7	91.2	86.3	97.3	91.9	95.1	94.9	95.5	97.9	97.8
6497.4	1.53908	3.0	16.3	35.6	61.3	30.4	39.3	76.2	35.4	50.0	71.2	84.1	91.3	88.3	90.2	92.2	95.5	95.1	96.9	97.9	98.1
6497.6	1.53903	3.5	18.5	40.2	61.3	30.7	42.0	74.0	36.1	50.7	71.9	84.5	91.4	87.2	92.1	92.0	94.4	95.6	97.5	97.9	98.3
6497.8	1.53898	3.9	18.5	39.6	59.9	29.0	43.0	71.1	36.9	51.5	72.3	84.9	91.5	85.3	92.3	91.5	93.4	95.4	97.4	97.9	98.4
6498.0	1.53894	4.0	18.0	39.5	58.5	25.9	41.4	68.1	37.4	52.3	72.5	85.2	91.7	83.3	90.9	90.9	92.5	95.5	96.4	97.9	98.5
6498.2	1.53889	4.1	17.0	37.0	59.1	23.7	39.3	67.7	38.1	53.2	73.3	85.5	91.9	82.1	95.9	90.3	92.4	94.7	95.4	97.9	98.4
6498.4	1.53884	4.0	16.9	37.6	61.1	23.4	36.2	70.1	38.7	54.0	73.9	85.8	92.1	82.1	97.4	91.2	92.9	94.0	95.0	98.0	98.3
6498.6	1.53879	4.5	17.9	39.6	64.5	25.3	36.2	74.1	39.5	54.9	74.4	86.1	92.3	83.5	95.7	91.9	93.9	93.8	95.1	98.0	98.3
6498.8	1.53875	5.4	19.9	42.8	67.9	30.1	39.1	70.2	40.3	55.7	75.1	86.5	92.4	86.5	95.9	92.4	95.6	94.2	95.7	98.1	98.3
6499.0	1.53870	7.0	23.3	45.5	69.0	39.9	45.7	80.1	41.4	56.5	75.9	86.8	92.6	89.5	89.2	92.9	96.3	95.8	96.7	98.1	98.4
6499.2	1.53865	7.9	25.5	49.4	68.7	38.6	49.7	78.5	42.3	57.3	76.5	87.2	92.7	90.2	91.5	93.1	96.2	95.9	97.3	98.2	98.5
6499.4	1.53860	8.2	26.3	49.9	68.3	38.6	50.9	76.1	43.1	58.3	77.1	87.6	92.9	89.3	93.3	93.0	95.7	97.4	97.5	98.2	98.6
6499.6	1.53856	8.5	26.5	45.0	67.9	35.7	48.9	74.5	43.9	59.4	77.5	88.0	93.2	87.9	93.4	92.3	95.3	97.0	97.1	98.3	98.7
6499.8	1.53851	8.2	25.7	47.6	68.3	33.4	45.1	75.4	44.7	60.4	78.1	88.4	93.4	86.7	91.7	92.5	95.0	95.9	96.7	98.3	98.8
6500.0	1.53846	8.2	25.5	47.7	70.9	32.7	42.9	77.9	45.5	61.4	78.7	88.8	93.6	86.4	90.1	93.0	95.1	95.3	96.3	98.4	98.8
6500.2	1.53841	9.0	27.0	49.1	73.9	34.5	43.5	81.9	46.5	62.4	79.4	89.1	93.8	87.1	95.9	93.5	95.5	95.2	96.0	98.4	98.8
6500.4	1.53837	11.5	30.5	53.5	76.3	40.9	48.9	85.1	47.5	63.4	80.1	89.4	94.0	88.9	95.9	94.1	96.5	93.9	96.3	98.4	98.8
6500.6	1.53832	14.4	35.0	57.9	78.0	47.5	55.1	86.0	48.5	64.4	80.9	89.7	94.2	91.5	90.8	94.3	97.2	95.8	96.9	98.4	98.9
6500.8	1.53827	16.9	38.3	61.0	78.5	51.6	59.4	85.4	49.5	65.5	81.3	90.0	94.5	93.4	93.0	94.4	97.3	97.6	97.5	98.5	99.1
6501.0	1.53822	18.3	40.2	62.4	78.5	52.7	61.1	84.2	50.5	66.6	81.9	90.3	94.7	93.4	94.7	94.4	97.2	98.2	98.0	98.5	99.2
6501.2	1.53818	18.9	40.5	62.5	78.9	50.8	59.2	83.7	51.5	67.7	82.5	90.6	94.9	92.5	93.2	94.2	96.7	98.3	98.2	98.7	99.2
6501.4	1.53813	18.5	41.0	62.9	79.5	49.3	55.4	84.7	52.4	68.6	83.1	90.9	95.1	91.5	94.4	94.4	96.7	97.9	97.9	98.9	99.2
6501.6	1.53808	19.9	42.7	65.1	82.0	49.4	55.8	86.9	53.2	69.4	83.7	91.2	95.2	91.7	93.7	94.9	97.0	97.7	97.5	99.0	99.3
6501.8	1.53804	22.4	46.2	69.2	84.5	51.7	59.2	89.9	54.0	70.2	84.3	91.5	95.3	92.3	93.3	95.5	97.4	97.6	97.5	99.0	99.3
6502.0	1.53799	26.9	51.3	71.9	86.9	57.3	64.6	92.7	54.9	71.0	84.9	91.8	95.5	93.9	93.1	96.7	97.8	97.6	97.5	99.0	99.4
6502.2	1.53794	33.4	58.3	75.2	88.2	65.4	72.8	94.0	55.3	71.8	85.2	92.0	95.6	95.3	93.9	97.5	98.3	98.3	98.0	99.0	99.5
6502.4	1.53789	40.5	63.0	75.6	89.0	71.4	79.6	94.5	56.3	72.7	85.5	92.3	95.8	96.9	95.4	98.0	98.7	98.9	98.5	99.0	99.6
6502.6	1.53785	43.9	64.9	79.6	89.2	74.6	81.7	94.4	57.0	73.2	85.9	92.5	95.9	97.5	97.1	97.9	99.0	99.4	99.1	99.0	99.6
6502.8	1.53780	44.3	64.3	79.3	88.5	74.7	82.1	93.1	57.3	73.7	86.1	92.6	96.0	98.0	98.3	97.5	98.9	99.7	99.4	99.0	99.6
6503.0	1.53775	42.5	61.9	77.8	87.5	72.5	79.4	91.5	57.5	74.1	86.2	92.7	96.0	97.5	95.7	97.3	98.7	99.8	99.5	99.0	99.7
6503.2	1.53770	39.4	58.9	74.9	86.0	69.0	75.7	90.0	57.9	74.1	86.2	92.8	96.1	96.5	95.3	96.9	98.3	99.5	99.5	99.1	99.7
6503.4	1.53766	33.3	55.3	72.7	84.9	64.9	71.5	88.9	57.9	74.1	86.2	92.8	96.1	95.3	97.4	96.4	97.9	99.0	99.4	99.1	99.7
6503.6	1.53761	29.9	52.5	71.2	83.9	61.1	67.4	88.4	57.9	73.9	86.1	92.7	96.2	94.4	95.4	96.0	97.8	98.6	98.9	99.2	99.7
6503.8	1.53756	27.9	50.9	70.2	83.4	59.3	65.3	88.5	57.7	73.7	85.9	92.6	95.3	94.2	95.6	95.9	97.5	99.3	98.4	99.2	99.7
6504.0	1.53752	26.5	50.0	69.4	82.5	58.9	65.0	88.9	57.4	72.9	85.4	92.5	96.3	94.6	95.1	95.5	97.8	98.3	98.1	99.2	99.7
6504.2	1.53747	26.1	48.9	65.6	81.9	59.0	65.6	88.7	56.7	72.0	84.9	92.1	96.3	94.9	95.4	95.5	97.9	98.4	98.1	99.3	99.7
6504.4	1.53742	25.3	47.0	65.9	79.7	59.1	65.4	87.4	56.0	71.1	84.3	91.8	96.3	94.9	96.3	95.4	98.0	98.8	98.2	99.3	99.7
6504.6	1.53737	23.3	43.5	63.7	77.3	54.9	65.6	83.2	55.3	69.9	83.7	91.4	95.3	93.4	95.5	94.5	96.9	99.0	98.7	99.3	99.7
6504.8	1.53733	20.1	38.9	59.3	74.3	47.9	61.9	79.9	54.4	69.9	83.1	90.9	96.1	91.4	95.8	93.5	96.1	98.6	98.5	99.3	99.5
6505.0	1.53728	15.9	33.9	54.4	71.7	41.1	56.5	77.5	53.4	67.6	82.3	90.4	96.0	89.2	94.3	93.0	95.5	97.8	97.9	99.3	99.4
6505.2	1.53723	12.7	29.5	51.7	70.2	38.5	50.4	76.5	52.4	66.1	81.3	89.9	95.8	87.5	92.3	92.9	95.1	95.9	97.1	99.3	99.3
6505.4	1.53718	9.9	27.7	50.2	69.7	35.1	46.1	77.4	51.4	64.6	80.4	89.4	95.5	87.5	90.4	92.9	95.3	96.0	96.5	99.3	99.2
6505.6	1.53714	8.5	26.8	49.6	69.5	36.2	44.6	78.7	50.3	63.2	79.3	89.0	95.2	88.9	90.1	92.7	95.7	95.0	96.3	99.3	99.2
6505.8	1.53709	8.5	26.5	49.4	69.1	37.7	45.3	79.1	49.2	61.8	78.7	88.5	94.9	89.9	90.7	92.5	96.0	95.5	96.5	99.3	99.2
6506.0	1.53704	8.9	26.1	49.6	67.9	38.0	47.7	77.9	48.0	60.5	77.5	88.0	94.7	89.5	91.9	92.2	95.9	97.0	97.3	99.3	99.1
6506.2	1.53700	7.9	23.2	45.3	65.2	34.9	48.8	74.1	46.9	59.3	77.1	87.5	94.4	87.6	92.8	91.5	94.5	97.2	97.5	99.3	98.9
6506.4	1.53695	6.4	20.3	42.1	62.5	29.6	46.3	71.0	45.5	58.1	76.4	86.9	94.2	85.3	92.2	91.2	93.7	95.3	97.3	99.3	98.8
6506.6	1.53690	5.1	17.7	39.3	60.4	25.1	41.9	68.9	44.2	56.9	75.5	86.4	93.9	83.5	90.5	91.0	93.3	95.3	96.5	99.2	98.8
6506.8	1.53685	3.9	15.5	37.4	58.9	22.3	36.8	68.3	42.9	55.6	74.3	85.8	93.7	83.2	88.3	90.9	93.3	94.5	95.7	99.1	98.7
6507.0	1.53681	3.4	15.1	35.3	58.7	22.5	33.3	69.9	41.5	54.4	73.4	85.3	93.4	84.2	87.2	90.9	94.2	94.5	95.9	99.0	98.5
6507.2	1.53676	3.1	14.9	35.9	58.7	23.8	32.8	71.3	40.2	53.1	72.3	84.8	93.1	85.5	88.3	90.7	94.3	94.9	96.1	98.9	98.4
6507.4	1.53671	2.9	14.5	35.9	58.4	24.5	33.5	71.5	39.0	51.9	71.4	84.3	92.9	85.7	89.5	90.5	94.1	93.6	96.2	98.9	98.4
6507.6	1.53666	2.7	14.2	35.1	57.1	24.1	34.7	70.1	37.9	50.7	70.5	83.9	92.6	84.3	90.1	90.3	93.2	95.1	96.4	98.7	98.4
6507.8	1.53662	2.7	13.1	33.8	55.2	21.4	34.7	66.5	36.5	49.5	69.9	83.4	92.4	82.0	90.1	90.0	92.2	95.3	96.1	98.5	98.3
6508.0	1.53657	2.7	12.0	31.9	53.1	18.7	33.3	64.1	35.4	48.4	69.1	83.0	92.1	80.2	88.3	89.7	91.7	94.2	95.7	98.5	98.0
6508.2	1.53652	2.5	10.9	29.6	51.3	16.7	31.3	63.1	34.4	47.3	68.3	82.5	91.8	79.6	85.3	89.7	92.0	93.5	95.3	98.5	97.7
6508.4	1.53648	2.1	9.9	29.4	50.7	16.3	29.0	63.9	33.4	45.3	67.5	82.0	91.5	80.3	84.9	89.4	92.9	93.4	94.7	98.4	97.7
6508.6	1.53643	1.9	9.7	29.0	50.9	17.7	29.4	66.0	32.4	45.3	66.9	81.6	91.2	82.7	85.2	89.3	93.3	93.8	94.9	98.3	97.6
6508.8	1.53638	1.7	9.3	29.3	51.4	18.7	29.9	66.9	31.5	44.3	66.1	81.1	91.0	82.9	87.1	89.5	92.9	94.4	95.2	98.2	97.9

Table 4-1 (cont'd)

Set No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
p (atm)		2.50×10^{0}	2.53×10^{0}	2.53×10^{0}	2.50×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.46×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{0}	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}
P_e (atm)		3.29×10^{0}	3.32×10^{0}	3.32×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}
u (atm-cm) STP		2.17×10^{5}	1.10×10^{5}	5.57×10^{4}	2.60×10^{4}	8.71×10^{4}	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}
(cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
6509.0	1.53633	1.7	10.0	25.4	51.2	18.7	30.0	66.2	30.5	43.2	65.4	80.7	90.7	81.5	95.5	89.1	91.6	94.9	95.5		98.0	97.9
6509.2	1.53629	1.7	9.5	27.7	49.8	16.5	31.2	62.9	29.7	42.2	64.5	80.2	90.5	79.1	93.7	88.5	90.3	94.8	96.0		98.0	97.8
6509.4	1.53624	1.5	8.5	25.1	47.4	14.2	29.6	59.7	28.8	41.2	63.9	79.8	90.3	76.3	95.7	88.1	89.9	93.1	95.3		97.9	97.7
6509.6	1.53619	1.2	7.7	24.4	45.5	12.5	27.1	58.1	28.0	40.5	63.3	79.4	90.1	76.4	94.2	88.5	90.2	92.1	94.4		97.9	97.6
6509.8	1.53615	0.9	7.3	23.1	44.4	12.7	24.5	58.5	27.1	39.7	62.8	78.9	89.8	78.3	93.0	89.1	91.1	91.9	93.7		97.9	97.5
6510.0	1.53610	0.7	7.0	22.5	44.9	14.5	23.3	61.4	26.3	39.0	62.2	78.5	89.6	80.8	93.4	89.5	92.3	92.4	93.7		97.7	97.4
6510.2	1.53605	0.7	7.1	22.7	45.8	16.0	24.6	64.2	25.5	38.2	61.7	78.1	89.4	82.1	95.9	89.5	92.7	93.7	94.4		97.5	97.4
6510.4	1.53600	0.7	7.4	23.7	46.7	16.7	25.8	65.0	25.0	37.5	61.1	77.8	89.1	81.0	93.1	89.3	91.2	94.3	95.3		97.5	97.4
6510.6	1.53596	0.9	7.7	24.3	46.1	16.4	29.3	63.2	24.4	36.8	60.5	77.4	88.9	78.4	95.6	88.3	89.7	94.1	96.1		97.4	97.5
6510.8	1.53591	0.9	7.5	23.9	44.5	14.3	29.8	59.5	23.8	36.1	60.0	77.1	88.6	75.4	97.3	88.2	88.7	93.1	95.5		97.3	97.4
6511.0	1.53586	0.9	7.0	22.4	42.1	12.5	28.3	56.7	23.1	35.5	59.3	76.8	88.4	73.9	94.1	88.0	88.7	91.8	94.7		97.2	97.2
6511.2	1.53582	0.8	6.2	21.0	40.5	11.1	25.6	55.7	22.5	34.9	58.7	76.5	88.1	75.3	92.5	88.3	89.6	91.0	93.7		97.2	97.0
6511.4	1.53577	0.7	5.8	19.7	40.1	10.5	22.3	57.0	21.9	34.2	58.1	76.2	87.9	77.6	92.6	88.5	90.8	91.1	93.2		97.1	95.9
6511.6	1.53572	0.5	5.7	19.1	41.2	12.5	22.4	60.9	21.4	33.7	57.9	76.0	87.7	79.8	92.8	88.5	91.7	92.0	93.7		97.0	95.9
6511.8	1.53567	0.4	5.7	19.9	42.5	13.6	23.8	62.4	21.0	33.3	57.4	75.8	87.5	80.4	95.6	88.4	91.0	93.3	94.5		97.0	95.9
6512.0	1.53563	0.3	6.0	20.7	42.9	14.0	25.7	61.3	20.5	32.8	57.1	75.6	87.3	78.2	97.4	88.0	89.5	93.9	95.2		96.9	97.0
6512.2	1.53558	0.2	5.9	20.8	41.9	13.3	26.7	58.4	20.1	32.4	56.7	75.4	87.1	75.3	95.9	87.4	88.1	93.2	95.4		96.9	97.1
6512.4	1.53553	0.2	5.4	20.3	39.7	11.3	25.9	55.0	19.7	32.0	56.4	75.1	87.0	72.8	94.8	86.9	87.3	91.7	94.9		96.8	97.0
6512.6	1.53549	0.2	4.8	19.2	37.8	9.5	23.6	53.3	19.3	31.5	56.1	74.8	86.9	72.2	92.6	86.7	87.9	90.3	94.1		96.9	95.8
6512.8	1.53544	0.2	4.5	17.5	37.2	8.5	20.5	53.7	19.0	31.2	55.9	74.6	86.8	74.2	91.1	86.5	89.3	90.3	93.2		96.8	95.7
6513.0	1.53539	0.2	4.3	15.6	38.0	9.2	19.0	57.2	18.7	30.9	55.5	74.3	86.7	76.5	91.3	86.8	90.3	91.1	92.9		96.8	95.7
6513.2	1.53534	0.2	4.3	15.7	39.1	10.4	19.2	59.1	18.4	30.6	55.3	74.1	86.6	78.1	92.8	87.2	90.7	92.1	93.2		96.8	95.6
6513.4	1.53530	0.2	4.4	17.7	39.3	11.3	20.5	59.4	18.1	30.3	55.0	73.9	86.5	77.9	94.9	87.4	89.7	93.0	93.9		96.8	95.7
6513.6	1.53525	0.2	4.5	19.2	39.7	11.5	22.5	58.0	17.9	30.0	54.8	73.7	86.4	75.6	95.5	87.1	88.0	92.9	94.7		96.7	95.7
6513.8	1.53520	0.2	4.4	17.9	38.2	10.5	22.4	53.8	17.7	29.8	54.6	73.6	86.2	73.5	94.8	86.9	87.3	91.8	94.9		96.7	95.8
6514.0	1.53516	0.2	4.1	15.8	36.4	9.1	20.9	52.0	17.5	29.6	54.4	73.6	86.1	72.1	93.2	86.8	87.4	90.6	94.5		96.5	95.7
6514.2	1.53511	0.2	3.8	15.0	35.3	8.0	19.9	52.2	17.4	29.5	54.2	73.5	86.0	72.3	91.2	86.7	88.4	90.4	93.8		96.5	95.6
6514.4	1.53506	0.2	3.5	15.4	36.0	7.5	17.5	54.4	17.3	29.3	54.0	73.4	85.9	74.8	90.7	86.5	89.5	90.8	93.2		96.5	95.5
6514.6	1.53501	0.2	3.6	15.2	37.0	8.2	15.9	56.3	17.1	29.2	53.8	73.3	85.9	76.5	91.5	86.5	89.7	91.5	93.3		96.5	95.5
6514.8	1.53497	0.2	3.5	15.8	37.7	8.9	17.0	56.4	16.9	29.0	53.5	73.2	85.8	76.5	93.0	86.5	88.9	92.2	93.5		96.4	95.5
6515.0	1.53492	0.2	3.9	15.3	37.7	9.2	17.5	55.1	16.8	28.9	53.5	73.2	85.7	74.7	94.2	86.5	87.7	92.8	94.1		96.3	95.5
6515.2	1.53487	0.2	3.9	15.3	36.3	8.9	15.0	52.7	16.7	28.8	53.5	73.1	85.7	72.8	94.1	86.5	87.2	92.0	94.3		96.3	95.5
6515.4	1.53483	0.2	3.7	15.9	35.5	8.2	17.2	52.1	16.5	28.7	53.5	73.1	85.6	72.1	92.9	86.5	87.3	91.0	94.1		96.3	95.5
6515.6	1.53478	0.2	3.5	15.2	35.5	7.9	15.5	53.0	16.5	28.7	53.5	73.1	85.6	72.5	91.4	86.9	88.1	90.4	93.7		96.3	95.5
6515.8	1.53473	0.3	3.5	15.0	36.4	7.9	15.2	55.2	16.5	28.7	53.5	73.1	85.6	74.4	90.8	87.1	89.4	90.7	93.2		96.3	95.5
6516.0	1.53468	0.3	3.5	15.3	37.5	8.3	15.9	57.3	16.5	28.6	53.5	73.0	85.6	76.3	92.1	86.9	89.7	91.7	93.5		96.3	95.5
6516.2	1.53464	0.2	3.5	15.1	38.1	9.3	15.5	56.9	16.4	28.6	53.4	73.0	85.6	76.5	93.7	86.5	89.1	92.5	94.0		96.3	95.5
6516.4	1.53459	0.3	3.7	15.6	37.3	10.0	19.8	55.1	16.4	28.6	53.4	73.0	85.6	75.2	94.7	86.1	88.0	92.6	94.3		96.3	95.5
6516.6	1.53454	0.3	3.7	15.5	36.5	10.1	19.9	53.0	16.4	28.6	53.4	73.0	85.5	73.0	93.9	86.3	86.8	91.6	94.4		96.3	95.5
6516.8	1.53450	0.2	3.6	15.1	35.9	9.1	19.0	52.7	16.4	28.6	53.4	73.0	85.5	72.0	92.3	86.4	87.2	90.8	94.1		96.3	95.5
6517.0	1.53445	0.1	3.5	15.6	36.2	8.5	15.6	54.8	16.4	28.6	53.5	73.0	85.5	72.8	91.3	86.5	88.5	90.4	93.8		96.3	95.5
6517.2	1.53440	0.1	4.0	15.0	37.7	8.4	15.9	57.5	16.4	28.6	53.6	73.0	85.5	74.9	90.9	86.9	89.7	90.5	93.4		96.3	95.5
6517.4	1.53435	0.1	4.4	15.7	39.1	9.3	20.4	60.0	16.5	28.6	53.7	73.1	85.5	77.4	91.7	87.1	90.2	91.6	93.2		96.3	95.6
6517.6	1.53431	0.1	4.5	17.6	39.5	10.9	22.8	58.5	16.5	28.6	53.8	73.1	85.5	77.5	93.8	86.8	89.3	92.8	93.7		96.3	95.7
6517.8	1.53426	0.2	4.7	18.3	38.3	11.8	23.8	56.0	16.5	28.8	53.9	73.2	85.5	76.0	95.0	86.5	88.3	93.1	94.5		96.3	95.8
6518.0	1.53421	0.2	4.7	19.2	37.5	11.8	23.6	53.5	16.7	28.9	54.0	73.3	85.6	73.5	95.0	86.5	87.5	92.6	95.2		96.3	95.7
6518.2	1.53417	0.1	4.7	17.6	37.0	10.9	21.7	52.8	16.8	29.1	54.1	73.4	85.6	72.2	93.2	86.3	87.4	91.2	94.7		96.4	95.7
6518.4	1.53412	0.0	4.5	15.6	37.2	9.7	20.0	54.9	16.9	29.3	54.3	73.5	85.7	72.8	91.4	86.3	88.4	90.4	93.9		96.4	95.6
6518.6	1.53407	0.1	4.5	15.6	38.3	9.1	19.6	57.5	17.1	29.5	54.5	73.7	85.6	74.5	90.5	86.5	89.5	90.5	93.3		96.4	95.6
6518.8	1.53402	0.2	4.8	17.1	40.1	9.2	20.7	59.9	17.3	29.7	54.8	73.9	85.8	77.3	90.8	86.9	90.4	91.5	93.1		96.4	95.6
6519.0	1.53398	0.2	5.0	19.1	40.3	11.0	22.6	59.4	17.5	29.9	55.0	74.1	85.9	78.0	93.4	87.1	90.3	92.5	93.3		96.4	95.7
6519.2	1.53393	0.2	5.3	19.3	40.5	12.1	23.6	57.3	17.7	30.2	55.3	74.2	86.0	76.9	95.0	87.0	89.4	93.0	94.0		96.4	95.8
6519.4	1.53388	0.3	5.3	19.1	39.5	12.4	23.6	55.2	17.9	30.5	55.5	74.4	86.0	75.0	95.5	86.9	88.5	92.8	94.5		96.4	95.8
6519.6	1.53384	0.4	5.1	19.5	38.3	11.5	22.5	54.5	18.1	30.8	55.8	74.6	86.1	73.0	94.4	86.7	88.3	91.7	95.0		96.3	95.8
6519.8	1.53379	0.4	4.9	17.7	39.3	10.5	20.1	56.3	18.4	31.2	56.1	74.8	86.2	73.7	92.5	86.5	89.2	90.8	94.4		96.3	95.8
6520.0	1.53374	0.3	4.7	17.8	40.3	9.9	19.3	57.9	18.5	31.5	56.5	75.0	86.3	75.1	91.5	86.4	90.8	90.8	93.9		96.3	95.7
6520.2	1.53370	0.4	4.8	18.5	41.4	9.8	19.6	58.9	18.9	31.9	56.8	75.2	86.4	76.8	91.6	86.4	90.7	91.6	93.5		96.3	95.7
6520.4	1.53365	0.4	5.0	19.4	41.3	10.9	20.3	58.2	19.2	32.3	57.2	75.5	86.5	77.5	93.1	86.7	90.7	92.5	93.4		96.3	95.8
6520.6	1.53360	0.3	5.1	19.7	41.3	11.5	20.6	57.0	19.5	32.7	57.5	75.7	86.6	76.7	94.4	87.0	89.8	92.6	93.9		96.3	95.8
6520.8	1.53355	0.5	5.2	19.7	41.5	11.5	20.3	56.7	20.0	33.1	58.0	76.0	86.8	75.5	94.2	87.2	89.2	92.7	94.3		96.3	95.8
6521.0	1.53351	0.3	5.2	19.6	41.5	11.2	19.6	57.5	20.3	33.5	58.4	76.3	86.9	74.5	93.8	87.3	89.2	92.2	94.5		96.1	95.8
6521.2	1.53346	0.3	5.3	19.4	42.5	10.6	19.8	59.5	20.5	34.0	58.9	76.6	87.0	75.6	92.7	87.4	89.8	91.7	94.2		96.3	95.9
6521.4	1.53341	0.5	5.4	20.2	43.9	10.5	20.4	60.7	21.0	34.4	59.4	76.9	87.1	76.9	92.7	87.5	90.5	91.8	93.9		96.3	95.9
6521.6	1.53337	0.5	6.0	21.0	44.5	11.0	21.4	61.0	21.3	34.9	59.9	77.2	87.3	78.1	93.3	87.4	91.1	92.2	93.9		96.4	95.9
6521.8	1.53332	0.5	6.4	21.7	44.9	12.2	23.0	60.0	21.7	35.4	60.4	77.4	87.4	78.5	94.5	87.3	91.1	93.0	94.1		96.3	97.0

A=22.	1.53327	0.1	6.5	22.3	44.7	13.3	23.4	59.2	22.2	35.0	60.4	[illegible]	87.6	77.2	84.8	87.5	90.3	92.9	94.5	96.5	97.[illegible]
A=22.2	1.53322	0.2	6.7	22.4	44.5	13.7	23.5	59.4	22.7	35.6	61.2	[illegible]	87.8	76.4	84.5	87.6	89.9	92.4	94.7	96.5	97.[illegible]
A=22.4	1.53318	0.4	7.0	22.6	45.5	13.7	24.2	61.0	23.2	37.2	61.5	[illegible]	87.9	76.4	83.8	87.7	90.0	91.9	94.7	96.7	97.1
A=22.6	1.53313	0.5	7.5	23.[illegible]	47.1	13.1	25.1	63.4	23.4	37.9	62.1	74.4	88.0	77.7	83.4	87.7	90.5	91.9	94.2	96.7	97.1
A=22.8	1.53308	0.9	8.2	24.4	48.5	13.5	25.4	64.4	24.4	38.7	62.5	74.7	89.2	79.3	84.0	87.7	91.4	92.4	94.1	96.7	97.1
A=23.	1.53304	1.2	8.5	22.8	48.3	15.0	27.4	63.3	25.0	39.2	63.0	79.0	88.3	80.1	85.0	87.8	91.5	93.2	94.3	96.9	97.2
A=23.2	1.53299	1.3	8.8	25.1	48.5	17.0	27.6	61.4	25.5	39.8	63.5	79.4	88.4	80.0	85.1	88.1	91.3	94.0	94.5	96.9	97.3
A=23.4	1.53294	1.8	8.9	25.2	48.2	17.5	25.1	60.7	26.0	40.4	64.1	79.7	88.6	78.4	85.4	88.2	90.7	93.5	95.0	96.9	97.4
A=23.6	1.53290	1.5	9.0	25.0	48.3	16.9	25.0	61.7	25.5	41.1	64.5	80.1	88.8	77.5	85.5	88.2	90.7	92.8	94.9	97.0	97.4
A=23.8	1.53285	[illegible]	9.2	[illegible]	49.3	15.8	24.8	63.5	27.2	41.7	65.2	80.4	89.0	77.5	84.4	88.3	91.1	92.4	94.3	97.0	97.5
A=24.	1.53280	1.7	10.1	27.1	51.9	14.5	23.8	66.2	27.9	42.4	65.7	80.7	89.2	79.3	83.3	88.4	91.9	92.6	94.1	97.1	97.[illegible]
A=24.2	1.53275	1.5	11.2	28.[illegible]	52.5	15.8	28.8	67.1	28.5	43.1	66.2	81.0	89.4	81.1	84.4	88.5	92.4	93.2	94.3	97.1	97.[illegible]
A=24.4	1.53271	1.8	11.7	29.8	52.9	17.7	30.9	66.5	29.3	43.8	66.3	81.4	89.6	81.4	85.2	89.0	92.5	93.8	94.7	97.3	97.[illegible]
A=24.6	1.53266	1.8	11.7	30.4	52.3	19.9	32.0	65.5	30.0	44.4	67.2	81.8	89.8	81.5	87.3	89.2	92.4	94.1	95.1	97.4	97.[illegible]
A=24.8	1.53261	1.8	11.5	31.[illegible]	52.[illegible]	21.0	31.6	65.2	30.7	45.1	67.7	82.1	89.9	80.5	87.7	89.7	91.9	94.0	95.3	97.3	97.[illegible]
A=25.	1.53257	1.4	11.5	30.5	53.2	20.0	30.9	66.3	31.4	45.8	68.2	82.5	90.1	80.5	87.1	89.5	91.9	93.6	95.4	97.5	97.[illegible]
A=25.2	1.53252	1.9	11.9	31.5	55.[illegible]	19.1	30.6	67.5	32.1	45.5	68.7	82.8	90.3	81.2	85.[illegible]	89.5	92.4	93.4	95.2	97.5	97.[illegible]
A=25.4	1.53247	1.[illegible]	12.4	31.2	56.0	18.7	30.9	68.5	32.9	47.2	69.2	83.1	90.5	82.3	85.3	89.[illegible]	93.0	93.5	94.9	97.5	97.8
A=25.6	1.53243	2.[illegible]	13.0	32.4	56.4	19.4	31.0	68.2	33.5	47.9	69.3	83.4	90.7	83.2	87.3	89.3	93.3	94.0	94.9	97.6	97.[illegible]
A=25.8	1.53238	2.[illegible]	13.5	33.4	56.5	21.0	31.2	67.5	34.2	48.5	70.3	83.7	90.9	83.0	87.7	89.3	93.1	94.4	95.1	97.7	97.[illegible]
A=26.	1.53233	2.2	13.3	34.0	56.[illegible]	22.3	31.1	67.3	35.[illegible]	49.4	70.9	84.0	91.0	82.5	87.6	89.3	92.7	94.6	95.4	97.7	97.[illegible]
A=26.2	1.53229	2.4	14.1	34.2	57.5	22.5	30.6	67.7	35.3	50.2	71.4	84.3	91.2	82.1	87.[illegible]	89.3	92.9	94.5	95.7	97.8	97.[illegible]
A=26.4	1.53224	2.[illegible]	14.5	34.[illegible]	58.4	21.7	30.7	69.3	36.4	51.1	72.0	84.6	91.3	82.3	85.[illegible]	89.3	93.2	94.0	95.5	97.8	97.[illegible]
A=26.6	1.53219	3.[illegible]	15.4	35.6	60.[illegible]	21.7	31.9	71.3	37.5	51.9	72.5	84.[illegible]	91.5	83.3	85.6	89.4	93.7	93.8	95.4	97.9	98.[illegible]
A=26.8	1.53214	3.4	16.5	37.2	60.7	22.5	33.8	72.1	38.4	52.7	73.0	[illegible]	91.6	84.4	87.2	89.5	94.2	94.1	95.3	97.9	98.[illegible]
A=27.	1.53210	4.1	17.3	39.4	61.3	25.1	35.5	71.7	39.4	53.6	73.5	85.0	91.8	85.1	87.9	89.[illegible]	94.0	94.6	95.5	97.9	98.[illegible]
A=27.2	1.53205	4.2	17.7	39.1	61.5	27.1	35.5	71.3	40.3	54.4	74.0	85.2	91.9	85.[illegible]	88.3	89.[illegible]	93.9	94.9	95.9	98.0	98.[illegible]
A=27.4	1.53200	4.7	18.0	39.5	61.7	27.9	35.9	71.3	41.1	55.2	74.5	85.5	92.1	84.5	88.[illegible]	90.2	93.9	95.2	96.0	98.1	98.[illegible]
A=27.6	1.53196	4.8	18.5	39.7	62.3	27.3	35.6	71.9	41.9	55.9	75.0	[illegible]	92.3	84.5	88.[illegible]	90.4	94.1	95.1	95.3	98.2	98.[illegible]
A=27.8	1.53191	5.0	19.2	40.[illegible]	63.4	26.8	35.9	73.4	42.5	55.7	75.5	87.0	92.5	85.2	87.5	90.5	94.5	94.5	95.7	98.2	98.2
A=28.	1.53186	5.5	20.0	41.5	64.5	27.7	37.6	74.5	43.4	57.5	76.0	87.2	92.7	86.1	88.[illegible]	90.7	94.8	94.6	95.7	98.3	98.2
A=28.2	1.53182	5.7	20.8	42.6	65.5	29.5	38.6	75.0	44.3	58.3	76.5	87.4	92.8	86.[illegible]	88.9	90.8	94.9	95.1	95.9	98.3	98.[illegible]
A=28.4	1.53177	5.9	21.5	43.9	66.0	31.4	40.0	74.5	45.1	59.2	77.1	87.7	93.0	86.7	89.6	90.9	95.1	95.3	96.2	98.3	98.[illegible]
A=28.6	1.53172	6.1	22.3	44.7	66.2	32.1	40.0	74.3	46.0	59.9	77.5	87.9	93.1	86.5	89.6	91.0	95.1	95.6	96.2	98.3	98.[illegible]
A=28.8	1.53168	6.3	22.7	45.2	66.7	32.0	39.5	74.5	46.9	60.7	78.0	88.2	93.2	86.5	89.2	91.2	95.1	95.8	96.1	98.4	98.[illegible]
A=29.	1.53163	6.5	23.5	45.4	67.4	31.4	39.8	75.3	47.7	61.3	78.5	88.5	93.4	87.1	89.0	91.1	95.4	95.6	96.0	98.4	98.[illegible]
A=29.2	1.53158	7.0	24.5	46.2	68.3	31.5	39.2	77.0	48.5	62.0	78.9	88.6	93.5	87.5	89.1	91.[illegible]	95.9	95.5	96.0	98.4	98.[illegible]
A=29.4	1.53153	7.3	25.9	47.2	69.4	33.5	40.9	77.3	49.5	62.7	79.4	89.1	93.7	88.1	89.4	91.3	95.7	95.7	96.1	98.5	98.[illegible]
A=29.6	1.53149	8.7	27.1	49.7	70.4	36.0	42.9	78.1	50.4	63.6	79.9	89.3	93.8	88.7	89.[illegible]	92.5	95.8	95.0	96.1	98.5	98.[illegible]
A=29.8	1.53144	9.2	27.[illegible]	49.[illegible]	70.5	38.1	45.0	78.2	51.4	64.4	80.4	89.4	93.9	88.5	89.[illegible]	91.[illegible]	95.5	95.2	96.2	98.5	98.[illegible]
A=30.	1.53139	9.5	28.5	50.7	71.0	37.9	45.4	78.3	52.3	65.3	80.9	89.6	94.0	88.5	91.6	92.1	95.5	95.3	96.3	98.5	98.[illegible]
A=30.2	1.53135	9.[illegible]	29.2	51.2	71.9	37.7	45.7	78.9	53.1	66.0	81.4	89.9	94.2	88.8	91.6	92.1	95.8	95.3	96.5	98.6	98.[illegible]
A=30.4	1.53130	10.9	30.[illegible]	51.8	72.5	38.0	45.1	79.9	53.9	66.6	81.3	90.2	94.4	89.3	91.6	92.[illegible]	96.1	95.4	96.5	98.6	98.[illegible]
A=30.6	1.53125	11.[illegible]	31.0	52.7	73.9	39.9	45.9	80.3	54.7	67.3	82.3	90.5	94.6	89.8	91.[illegible]	92.5	96.4	95.4	96.7	98.7	98.[illegible]
A=30.8	1.53121	12.5	32.2	54.[illegible]	74.4	42.2	47.8	81.0	55.5	68.0	82.7	90.8	94.7	90.1	91.4	92.6	96.5	95.5	96.8	98.7	99.[illegible]
A=31.	1.53116	12.5	33.2	55.5	74.7	43.5	48.6	80.9	56.2	69.7	83.2	91.0	94.8	90.1	91.[illegible]	92.7	96.5	95.7	96.9	98.9	99.[illegible]
A=31.2	1.53111	13.0	33.8	55.5	74.9	43.4	49.0	80.7	57.[illegible]	69.4	83.5	91.2	94.8	90.0	91.[illegible]	92.5	96.5	95.9	97.0	98.9	99.[illegible]
A=31.4	1.53107	13.4	34.4	57.1	75.4	42.9	49.0	81.5	57.7	70.1	84.1	91.4	94.9	90.3	91.[illegible]	92.5	96.8	95.7	97.0	98.9	99.[illegible]
A=31.6	1.53102	13.8	35.2	57.3	76.2	43.3	49.5	82.4	58.5	70.7	84.4	91.7	95.0	90.7	91.5	92.8	96.9	95.6	97.0	98.9	99.[illegible]
A=31.8	1.53097	15.1	36.7	57.9	77.2	45.0	50.1	83.1	59.3	71.2	84.7	91.9	95.1	91.2	91.7	93.[illegible]	97.0	95.9	97.[illegible]	98.9	99.[illegible]
A=32.	1.53092	16.3	38.1	59.9	77.8	47.9	51.6	83.5	60.1	71.8	85.1	92.2	95.2	91.7	92.6	93.4	97.1	97.1	97.2	99.0	99.[illegible]
A=32.2	1.53088	17.3	39.2	60.4	78.2	49.4	53.4	83.8	60.[illegible]	72.4	85.3	92.4	95.3	92.0	92.[illegible]	93.5	97.1	97.3	97.3	99.1	99.2
A=32.4	1.53083	17.5	39.8	61.4	78.4	49.5	54.5	83.4	61.[illegible]	73.0	85.7	92.[illegible]	95.5	92.0	92.[illegible]	93.[illegible]	97.2	97.4	97.4	99.1	99.2
A=32.6	1.53078	17.[illegible]	40.2	62.0	78.7	48.3	55.0	84.0	62.4	73.6	86.0	92.7	95.7	92.0	92.[illegible]	93.8	97.2	97.4	97.5	99.2	99.[illegible]
A=32.8	1.53074	18.[illegible]	40.7	62.4	79.1	49.7	55.2	84.4	63.2	74.2	86.4	92.[illegible]	95.[illegible]	92.4	92.8	93.9	97.2	97.5	97.5	99.2	99.[illegible]
A=33.	1.53069	18.4	41.3	62.[illegible]	79.5	50.5	55.4	84.3	63.7	74.6	86.[illegible]	92.9	95.9	92.9	93.[illegible]	94.1	97.3	97.3	97.3	99.3	99.[illegible]
A=33.2	1.53064	19.4	42.1	63.[illegible]	80.1	52.2	55.8	85.2	64.2	75.0	86.9	93.0	95.[illegible]	93.0	93.2	94.2	97.3	97.5	97.3	99.3	99.[illegible]
A=33.4	1.53060	20.[illegible]	43.0	64.1	80.4	52.5	55.4	85.4	64.7	75.4	87.1	93.1	96.0	92.7	93.[illegible]	94.[illegible]	97.4	97.8	97.4	99.3	99.[illegible]
A=33.6	1.53055	20.4	43.4	65.2	80.5	52.5	55.6	85.4	65.1	75.7	87.3	93.3	96.0	92.5	93.4	94.5	97.5	97.9	97.5	99.3	99.[illegible]
A=33.8	1.53050	20.4	44.3	65.6	80.7	52.5	55.5	85.5	65.5	75.9	87.5	93.4	96.1	92.9	93.5	94.[illegible]	97.5	98.[illegible]	97.7	99.3	99.[illegible]
A=34.	1.53046	20.4	44.4	65.8	80.[illegible]	52.8	55.4	85.7	65.9	75.2	87.8	[illegible]	96.1	93.2	93.[illegible]	94.[illegible]	97.5	98.[illegible]	97.8	99.3	99.[illegible]
A=34.2	1.53041	21.[illegible]	44.9	65.9	81.2	54.[illegible]	54.9	85.1	66.2	75.4	88.[illegible]	[illegible]	96.2	93.4	93.[illegible]	94.1	97.5	98.[illegible]	97.9	99.3	99.[illegible]
A=34.4	1.53036	21.[illegible]	45.5	65.[illegible]	81.5	54.7	57.[illegible]	86.3	66.5	75.6	88.1	[illegible]	96.3	93.4	94.[illegible]	94.[illegible]	97.5	98.[illegible]	97.9	99.3	99.[illegible]
A=34.6	1.53032	22.2	46.1	65.[illegible]	81.[illegible]	54.4	57.[illegible]	86.[illegible]	66.9	75.9	88.1	[illegible]	96.3	93.1	93.[illegible]	93.[illegible]	97.5	98.[illegible]	97.9	99.3	99.[illegible]
A=34.8	1.53027	21.9	45.1	67.1	81.[illegible]	54.4	55.[illegible]	85.[illegible]	67.[illegible]	75.9	88.2	[illegible]	96.4	92.8	94.[illegible]	93.[illegible]	97.4	98.[illegible]	97.9	99.3	99.[illegible]
A=35.	1.53022	21.4	45.4	67.3	81.5	53.5	55.5	85.7	67.1	77.[illegible]	86.2	[illegible]	96.4	92.8	93.[illegible]	93.6	97.5	98.1	97.3	99.4	99.[illegible]
A=35.2	1.53018	21.2	45.4	67.1	81.4	52.9	55.0	85.5	67.1	77.1	86.2	[illegible]	96.4	93.0	93.[illegible]	93.[illegible]	97.5	98.[illegible]	97.5	99.4	99.[illegible]
A=35.4	1.53013	21.[illegible]	44.3	65.9	81.1	53.0	55.3	85.5	67.3	77.1	86.2	[illegible]	96.[illegible]	92.6	93.[illegible]	93.3	97.5	97.4	97.7	99.4	99.[illegible]
A=35.6	1.53008	20.9	44.3	65.6	80.[illegible]	52.4	54.[illegible]	85.1	67.3	77.1	86.2	[illegible]	95.[illegible]	92.5	93.[illegible]	93.2	97.3	97.[illegible]	97.7	99.4	99.[illegible]
A=35.8	1.53003	20.[illegible]	43.5	66.1	80.[illegible]	51.8	54.[illegible]	84.[illegible]	67.4	77.1	86.1	[illegible]	96.[illegible]	92.2	93.[illegible]	92.7	97.1	97.[illegible]	97.5	99.4	99.[illegible]
A=36.	1.52999	20.[illegible]	42.3	[illegible]	[illegible]	49.7	52.8	83.3	67.4	77.[illegible]	88.1	[illegible]	95.5	91.5	93.[illegible]	92.[illegible]	96.9	97.[illegible]	97.4	99.4	99.[illegible]
A=36.2	1.52994	18.1	40.6	64.[illegible]	[illegible]	47.2	51.[illegible]	82.5	67.4	76.5	88.[illegible]	[illegible]	95.5	91.4	92.[illegible]	92.[illegible]	96.9	97.[illegible]	97.2	99.4	99.[illegible]
A=36.4	1.52989	16.5	39.2	63.[illegible]	[illegible]	45.4	49.1	82.2	67.4	76.6	88.0	[illegible]	95.5	91.4	92.4	92.[illegible]	97.0	97.[illegible]	97.[illegible]	99.4	99.[illegible]
A=36.6	1.52985	15.[illegible]	38.1	62.5	77.4	45.5	47.4	82.1	67.4	76.5	87.9	[illegible]	94.5	91.4	92.1	92.[illegible]	97.0	97.[illegible]	96.9	99.4	99.[illegible]
A=36.8	1.52980	14.[illegible]	37.[illegible]	61.[illegible]	77.7	45.2	46.[illegible]	82.1	67.4	76.4	87.9	[illegible]	95.5	91.4	91.9	91.4	97.0	97.[illegible]	96.9	99.4	99.[illegible]
A=37.	1.52976	14.4	37.6	57.[illegible]	77.[illegible]	45.[illegible]	45.9	82.1	67.4	75.4	87.4	[illegible]	95.5	91.4	91.[illegible]	91.[illegible]	97.0	97.2	96.8	99.4	99.[illegible]
A=37.2	1.52971	14.[illegible]	37.9	57.[illegible]	78.[illegible]	46.[illegible]	45.9	82.3	67.5	75.4	87.4	[illegible]	95.5	91.5	91.8	92.[illegible]	97.1	97.3	96.7	99.4	99.[illegible]
A=37.4	1.52966	15.4	39.[illegible]	59.9	79.[illegible]	48.[illegible]	45.3	83.4	67.7	75.6	87.[illegible]	[illegible]	94.5	92.1	91.[illegible]	92.4	97.1	97.2	96.7	99.4	99.[illegible]
A=37.6	1.52961	18.5	42.5	61.6	81.5	51.5	47.5	85.[illegible]	68.5	77.1	88.1	[illegible]	[illegible]	93.1	91.9	93.[illegible]	97.4	97.2	96.7	99.4	99.[illegible]
A=37.8	1.52957	22.[illegible]	47.[illegible]	62.[illegible]	84.[illegible]	56.4	57.4	87.[illegible]	69.[illegible]	77.8	88.[illegible]	[illegible]	[illegible]	94.2	92.[illegible]	94.3	97.4	97.3	96.4	99.4	99.[illegible]

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
p(atm)		2.50×10^{0}	2.53×10^{0}	2.53×10^{0}	2.50×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.46×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{0}	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}
P_e(atm)		3.29×10^{0}	3.32×10^{0}	3.32×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.00×10^{0}	3.03×10^{-1}	1.00×10 [illegible]	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}
u (atm cm) STP		2.17×10^{5}	1.10×10^{5}	5.57×10^{4}	2.80×10^{4}	8.71×10^{4}	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}
ν (cm^{-1})	λ (micron)	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100
6538.0	1.52952	26.3	52.7	66.1	86.2	62.4	55.8	89.6	70.1	78.7	89.1	94.2	96.6	95.2	93.3	95.2	98.2	97.5	97.1		99.4	99.5
6538.2	1.52947	32.8	59.1	70.6	88.2	67.6	61.9	91.5	70.9	79.9	90.0	94.4	95.7	96.0	94.2	95.9	98.4	97.7	97.4		99.4	99.5
6538.4	1.52943	38.7	63.5	75.0	90.0	71.8	65.3	93.2	72.1	81.1	90.7	94.7	96.7	96.3	95.5	96.4	98.7	98.3	97.9		99.4	99.5
6538.6	1.52938	44.3	67.1	78.5	90.8	74.7	73.6	93.8	73.4	82.4	91.3	95.0	96.9	97.3	95.5	96.7	98.9	98.8	98.2		99.4	99.5
6538.8	1.52933	48.5	69.7	81.3	91.4	76.5	75.6	94.1	74.6	83.5	92.0	95.3	97.0	97.4	97.1	96.9	99.1	99.0	98.4		99.4	99.5
6539.0	1.52929	51.2	71.1	82.8	91.8	77.5	78.3	94.2	75.8	84.5	92.5	95.7	97.2	97.3	97.2	97.0	99.1	99.2	98.5		99.4	99.5
6539.2	1.52924	51.9	71.5	83.8	92.0	78.0	79.1	94.1	76.9	85.4	93.0	95.9	97.4	97.3	97.3	97.0	99.0	99.3	98.5		99.4	99.6
6539.4	1.52919	52.0	71.5	84.2	92.0	77.7	79.4	94.1	78.0	86.3	93.4	96.2	97.5	97.3	97.4	97.0	99.0	99.2	98.8		99.4	99.6
6539.6	1.52915	51.8	71.5	84.3	91.9	77.4	79.2	94.1	79.1	87.0	93.7	96.5	97.7	97.3	97.4	97.1	99.0	99.1	98.9		99.4	99.6
6539.8	1.52910	51.3	71.2	84.2	91.9	77.0	78.7	94.1	79.9	87.4	93.9	96.6	97.8	97.1	97.5	97.2	98.9	99.0	98.9		99.4	99.6
6540.0	1.52905	50.7	70.7	84.1	91.9	76.5	78.2	94.0	80.4	87.7	94.0	96.7	97.9	97.1	97.5	97.2	98.9	99.0	98.9		99.4	99.6
6540.2	1.52901	50.1	70.3	83.9	91.7	76.3	77.8	93.9	80.9	87.9	94.1	96.8	98.0	97.1	97.5	97.2	98.9	99.1	98.9		99.4	99.6
6540.4	1.52896	49.5	70.0	83.5	91.5	75.9	77.2	93.7	81.1	88.1	94.1	96.8	98.0	97.0	97.5	97.2	98.9	99.2	98.9		99.4	99.6
6540.6	1.52891	48.7	69.4	83.1	91.3	75.5	76.6	93.5	81.2	88.1	94.2	96.8	98.1	97.0	97.4	97.1	98.9	99.2	98.9		99.4	99.7
6540.8	1.52886	47.8	68.9	83.0	91.1	74.9	76.0	93.3	81.4	88.1	94.2	96.9	98.1	97.0	97.4	97.0	98.9	99.3	98.7		99.4	99.7
6541.0	1.52882	47.0	68.2	82.7	91.0	74.5	75.3	93.4	81.5	88.1	94.2	96.9	98.2	97.0	97.3	96.8	98.9	99.2	98.7		99.4	99.7
6541.2	1.52877	46.3	67.5	82.2	90.7	74.2	74.7	93.1	81.5	88.1	94.2	96.9	98.2	96.9	97.0	96.6	98.7	99.1	98.7		99.5	99.7
6541.4	1.52872	45.5	66.9	81.8	90.5	73.7	74.2	92.9	81.6	88.1	94.2	96.9	98.2	96.7	95.9	96.5	98.7	[illegible]	98.7		99.5	99.7
6541.6	1.52868	44.7	66.1	81.3	90.3	72.9	73.8	92.5	81.5	88.1	94.1	96.9	98.2	96.5	95.8	96.4	98.7	[illegible]	98.7		99.5	99.7
6541.8	1.52863	43.9	65.5	80.9	90.1	72.1	73.1	92.3	81.4	88.1	94.1	96.9	98.2	96.5	95.8	96.3	98.5	[illegible]	98.7		99.5	99.8
6542.0	1.52858	43.0	65.0	80.6	89.9	71.5	72.5	92.5	81.3	88.1	94.0	96.9	98.2	96.4	95.8	96.3	98.5	99.4	98.7		99.5	99.9
6542.2	1.52854	42.2	64.5	80.2	89.7	71.4	72.1	92.4	81.2	87.8	93.9	96.8	98.2	96.3	95.8	96.2	98.5	99.7	98.7		99.5	99.9
6542.4	1.52849	41.5	63.9	79.9	89.5	71.1	71.6	92.2	81.0	87.5	93.9	96.8	98.2	96.1	95.8	96.1	98.5	99.9	98.7		99.5	99.9
6542.6	1.52844	40.9	63.3	79.5	89.3	70.7	71.0	92.0	80.7	87.3	93.9	96.8	98.2	95.9	95.6	96.1	98.5	99.8	98.7		99.5	99.9
6542.8	1.52840	40.2	62.6	79.2	88.9	70.0	70.2	91.7	80.5	87.1	93.7	96.7	98.2	95.7	95.6	96.0	98.5	99.7	98.7		99.5	99.9
6543.0	1.52835	39.2	61.5	78.8	88.7	69.1	69.5	91.5	80.3	86.9	93.5	96.7	98.2	95.5	95.4	95.9	98.5	99.7	98.5		99.5	99.9
6543.2	1.52830	38.3	60.9	78.3	88.5	68.5	68.7	91.2	80.0	86.7	93.5	96.7	98.2	95.4	95.2	95.8	98.4	99.6	98.5		99.7	99.9
6543.4	1.52826	37.4	60.5	77.8	88.3	68.1	68.2	91.1	79.9	86.5	93.4	96.6	98.2	95.4	95.1	95.5	98.4	99.5	98.5		99.7	99.9
6543.6	1.52821	36.7	60.4	77.4	88.1	67.5	67.8	91.1	79.5	86.4	93.3	96.6	98.2	95.3	95.1	95.5	98.4	99.5	98.5		99.7	99.9
6543.8	1.52816	36.2	60.1	77.3	88.0	67.1	67.7	91.0	79.4	86.2	93.2	96.6	98.2	95.2	95.0	95.4	98.5	98.5	98.5		99.7	99.9
6544.0	1.52812	35.8	59.5	77.0	87.9	66.9	67.6	90.9	79.0	86.0	93.0	96.6	98.2	95.1	95.0	95.4	98.6	98.6	98.5		99.7	99.9
6544.2	1.52807	35.3	58.9	76.7	87.5	66.5	67.2	90.5	78.7	85.9	92.9	96.5	98.1	95.0	95.0	95.3	98.6	99.6	98.5		99.7	99.9
6544.4	1.52802	34.5	58.2	76.2	87.4	66.0	66.8	90.1	78.5	85.5	92.8	96.5	98.1	94.9	95.0	95.2	98.5	99.4	98.5		99.7	99.9
6544.6	1.52798	34.1	57.6	75.7	87.1	65.7	66.1	89.9	78.5	85.3	92.7	96.5	98.1	94.9	95.0	95.1	98.5	99.5	98.5		99.7	99.9
6544.8	1.52793	33.5	57.1	75.4	86.9	65.0	66.3	89.9	78.3	85.1	92.5	96.4	98.0	94.5	95.9	95.0	98.4	99.5	98.5		99.7	99.9
6545.0	1.52788	33.0	56.7	75.2	86.9	64.4	64.6	89.5	77.9	85.0	92.5	96.4	98.0	94.7	95.7	95.0	98.3	99.5	98.5		99.7	99.9
6545.2	1.52784	32.5	56.3	75.0	86.7	63.9	64.2	89.3	77.7	84.9	92.4	96.3	98.0	94.7	95.4	95.0	98.2	99.5	98.5		99.7	99.9
6545.4	1.52779	32.5	56.2	74.8	86.7	64.0	64.4	89.3	77.5	84.7	92.4	96.3	98.0	94.9	95.6	95.0	98.1	99.5	98.5		99.7	99.9
6545.6	1.52774	32.5	55.8	74.7	86.5	64.2	64.6	89.3	77.3	84.5	92.3	96.2	98.0	94.7	95.7	95.0	98.1	99.5	98.5		99.7	99.9
6545.8	1.52770	32.2	55.3	74.4	86.2	64.0	64.5	89.1	77.1	84.2	92.2	96.2	98.0	94.3	95.7	95.0	98.1	99.5	98.4		99.7	99.9
6546.0	1.52765	31.1	54.7	74.0	86.1	63.2	63.9	88.7	76.9	84.0	92.1	96.2	98.0	94.4	95.5	95.1	98.1	99.4	98.4		99.7	99.9
6546.2	1.52760	30.5	54.5	73.6	85.9	62.4	63.1	88.5	76.7	83.9	92.1	96.1	97.9	94.5	95.3	95.1	98.1	99.2	98.4		99.7	99.9
6546.4	1.52756	30.0	54.3	73.3	85.9	61.9	62.7	88.5	76.5	83.8	92.0	96.1	97.9	94.5	95.0	95.1	98.1	99.1	98.3		99.7	99.9
6546.6	1.52751	29.3	54.1	73.1	85.7	61.7	62.4	88.5	76.2	83.7	91.9	96.1	97.9	94.5	94.9	95.0	98.1	99.0	98.3		99.7	99.9
6546.8	1.52746	30.0	54.0	73.1	85.5	61.5	62.1	88.7	76.0	83.5	91.8	96.0	97.8	94.5	95.2	95.0	98.1	99.1	98.3		99.7	99.9
6547.0	1.52742	30.1	53.9	73.1	85.5	61.9	62.5	88.7	75.9	83.4	91.7	96.0	97.8	94.5	93.3	94.9	98.0	99.3	98.3		99.7	99.9
6547.2	1.52737	29.9	53.6	73.0	85.5	62.1	62.7	88.5	75.9	83.2	91.5	96.0	97.8	94.3	95.5	94.9	97.9	99.4	98.2		99.7	99.9
6547.4	1.52732	29.4	53.3	72.6	85.4	62.0	62.5	88.2	75.8	83.1	91.5	96.0	97.8	94.1	95.6	94.7	97.9	99.4	98.2		99.7	99.9
6547.6	1.52728	28.9	52.9	72.3	85.1	60.9	61.6	88.0	75.5	82.9	91.5	95.9	97.8	94.1	95.4	94.5	97.9	99.1	98.1		99.7	99.9
6547.8	1.52723	28.5	52.5	72.2	84.9	60.1	61.3	88.1	75.5	82.9	91.5	95.9	97.8	94.2	95.0	94.5	97.9	99.0	98.1		99.7	99.9
6548.0	1.52718	28.4	52.7	72.1	84.9	59.7	61.3	88.2	75.4	82.9	91.4	95.9	97.8	94.3	94.9	94.5	97.9	99.0	98.0		99.7	99.9
6548.2	1.52714	28.4	53.0	72.2	85.0	59.9	61.7	88.5	75.3	82.8	91.4	95.8	97.7	94.5	95.0	94.5	97.9	99.1	98.0		99.7	99.9
6548.4	1.52709	29.2	53.0	72.4	85.1	61.0	62.5	88.7	75.1	82.8	91.3	95.8	97.7	94.5	95.4	94.5	97.9	99.0	98.0		99.7	99.9
6548.6	1.52704	29.4	52.9	72.5	85.1	61.4	62.7	88.4	75.0	82.8	91.3	95.8	97.7	94.4	95.4	94.5	98.0	99.0	98.0		99.7	99.8
6548.8	1.52700	29.4	52.5	72.2	84.9	61.3	62.6	88.0	75.0	82.8	91.3	95.8	97.7	94.2	95.2	94.4	98.0	99.0	98.0		99.7	99.8
6549.0	1.52695	28.9	52.3	71.9	84.7	60.0	61.9	87.3	74.9	82.6	91.3	95.8	97.7	94.1	95.0	94.4	98.0	99.0	98.0		99.7	99.8
6549.2	1.52690	28.5	52.2	71.7	84.7	59.9	61.2	87.3	74.9	82.7	91.3	95.7	97.7	94.3	94.9	94.4	98.0	99.1	98.0		99.7	99.8
6549.4	1.52686	28.2	52.4	71.7	84.7	59.3	61.9	88.1	74.9	82.7	91.3	95.7	97.7	94.5	94.9	94.4	97.9	99.1	98.0		99.7	99.8
6549.6	1.52681	28.0	52.9	71.9	84.3	60.2	61.2	88.5	74.9	82.6	91.3	95.7	97.7	94.5	94.9	94.4	97.9	99.1	98.0		99.7	99.8
6549.8	1.52676	28.9	53.3	72.2	84.9	61.4	62.4	88.3	74.9	82.6	91.3	95.7	97.7	94.8	95.1	94.4	97.9	99.1	98.0		99.7	99.8
6550.0	1.52672	29.7	[illegible]	72.7	85.0	62.2	63.4	88.5	74.9	82.6	91.3	95.7	97.7	94.4	95.3	94.5	97.9	99.2	98.0		99.7	99.8
6550.2	1.52667	30.1	53.3	72.6	84.9	62.2	64.1	88.2	75.0	82.6	91.3	95.7	97.6	94.1	95.1	94.5	97.9	99.2	98.0		99.7	99.8
6550.4	1.52662	29.5	52.8	72.3	84.7	60.3	63.4	87.9	75.1	82.5	91.3	95.7	97.6	94.0	94.9	94.5	97.7	[illegible]	98.0		99.7	99.8
6550.6	1.52658	29.0	52.7	71.9	84.7	59.5	62.4	88.0	75.1	82.5	91.3	95.6	97.6	94.5	[illegible]	94.5	97.7	[illegible]	98.0		99.7	99.8
6550.8	1.52653	29.0	53.0	72.1	84.3	59.6	61.9	88.3	75.1	82.5	91.4	95.6	97.6	94.7	95.1	94.5	97.5	99.1	98.3		99.7	99.8

6551.0	1.52648	29.5	53.7	72.4	85.0	60.9	52.1	88.9	75.1	82.5	91.4	95.6	97.6	94.5	95.1	94.5	97.5	98.1	98.1	99.7	99.8
6551.2	1.52644	30.4	54.1	72.8	85.1	62.4	[illegible]	89.1	75.2	82.6	91.5	95.6	97.6	94.5	95.5	94.5	97.4	98.1	98.0	99.7	99.8
6551.4	1.52639	31.1	54.2	73.1	85.2	62.8	55.2	88.9	75.3	82.6	91.5	95.6	97.6	94.5	95.4	94.7	97.3	98.0	98.1	99.6	99.8
6551.6	1.52634	31.4	54.2	73.1	85.2	62.3	55.5	88.4	75.5	82.7	91.5	95.6	97.6	94.4	95.4	94.7	97.2	98.0	98.1	99.5	99.8
6551.8	1.52630	30.7	53.3	73.0	85.1	60.5	54.2	88.1	75.5	82.9	91.5	95.7	97.6	94.3	95.2	94.7	97.3	98.0	98.1	99.4	99.8
6552.0	1.52625	30.4	53.5	72.9	85.0	60.1	53.0	88.2	75.8	82.9	91.5	95.7	97.6	94.5	94.8	94.3	97.5	98.0	98.1	99.5	99.8
6552.2	1.52620	30.4	53.8	72.9	85.2	60.7	52.9	88.5	75.8	83.0	91.5	95.7	97.6	94.7	94.7	94.3	97.7	98.0	98.1	99.5	99.8
6552.4	1.52616	30.7	54.6	73.1	85.5	62.2	52.7	89.1	76.0	83.1	91.5	95.8	97.7	95.0	[illegible]	94.3	97.8	98.0	98.1	99.5	99.8
6552.6	1.52611	31.5	55.3	73.4	85.7	63.4	54.1	89.2	76.2	83.2	91.5	95.8	97.7	94.9	95.3	95.0	97.7	98.0	98.1	99.5	99.8
6552.8	1.52607	32.2	55.5	73.8	85.3	63.5	55.1	89.1	76.4	83.3	91.5	95.8	97.7	94.7	95.5	95.1	97.7	98.1	98.1	99.5	99.8
6553.0	1.52602	32.5	55.5	73.9	85.3	62.9	55.4	88.9	76.5	83.4	91.7	95.8	97.7	94.7	95.5	95.3	97.5	98.1	98.1	99.5	99.8
6553.2	1.52597	31.7	55.1	73.8	85.7	61.9	54.4	88.7	76.8	83.6	91.8	95.8	97.7	94.8	[illegible]	95.3	97.5	98.1	98.1	99.5	99.8
6553.4	1.52593	31.7	55.3	73.7	85.7	62.0	[illegible]	88.8	76.9	83.8	91.9	95.8	97.7	95.0	[illegible]	95.4	97.7	98.1	98.0	99.5	99.8
6553.6	1.52588	31.8	55.9	73.8	85.9	62.9	53.7	89.1	77.0	83.9	92.0	95.8	97.7	95.2	94.9	95.4	97.8	98.1	98.0	99.5	99.8
6553.8	1.52583	32.2	56.5	74.2	86.2	64.5	54.4	89.9	77.2	84.1	92.1	95.8	97.7	95.3	95.5	95.4	97.9	98.1	98.0	99.5	99.8
6554.0	1.52579	33.4	57.4	74.8	86.5	65.4	55.2	89.2	77.5	84.2	92.2	95.6	97.7	95.1	[illegible]	95.5	97.8	98.2	98.0	99.5	99.8
6554.2	1.52574	34.5	57.8	75.4	86.5	65.4	57.1	89.5	77.7	84.4	92.3	95.6	97.7	95.1	95.6	95.5	97.8	98.2	98.0	99.5	99.8
6554.4	1.52569	34.7	57.7	75.4	86.5	64.7	57.3	89.5	77.8	84.6	92.3	95.9	97.7	95.0	95.6	95.5	97.8	98.3	98.0	99.5	99.8
6554.6	1.52565	34.5	57.9	75.4	86.7	64.2	55.8	89.5	77.9	84.8	92.4	95.9	97.7	94.9	95.5	95.5	97.9	98.3	98.0	99.5	99.8
6554.8	1.52560	34.7	58.5	75.5	86.9	64.5	55.6	89.9	78.1	85.0	92.4	96.0	97.7	95.1	95.2	95.5	98.0	98.4	98.1	99.5	99.8
6555.0	1.52555	35.3	59.3	75.9	87.2	65.4	55.4	90.4	78.4	85.2	92.5	96.0	97.8	95.5	95.4	95.5	98.1	98.4	98.1	99.5	99.8
6555.2	1.52551	36.7	60.1	76.4	87.5	67.4	55.1	90.9	78.9	85.3	92.7	96.0	97.8	95.8	95.8	95.6	98.2	98.4	98.1	99.5	99.8
6555.4	1.52546	37.9	60.7	77.0	87.7	68.5	69.2	91.0	79.1	85.5	92.8	96.1	97.9	95.8	96.0	95.7	98.2	98.4	98.2	99.5	99.8
6555.6	1.52541	38.7	61.1	77.4	87.9	68.7	70.0	90.9	79.4	85.7	92.9	96.1	97.9	95.8	96.1	95.5	98.3	98.5	98.2	99.5	99.8
6555.8	1.52537	39.0	61.2	77.6	87.9	68.0	70.4	90.7	79.7	85.9	93.0	96.2	97.9	95.8	96.2	95.9	98.3	98.5	98.3	99.5	99.8
6556.0	1.52532	39.2	61.5	77.7	88.0	67.5	71.1	90.7	80.0	86.1	93.0	96.2	97.9	95.9	[illegible]	96.0	98.3	98.5	98.3	99.5	99.8
6556.2	1.52527	39.5	62.0	77.8	88.1	68.0	69.9	91.0	80.4	86.3	93.1	96.2	97.9	96.1	95.9	96.0	98.4	98.6	98.3	99.5	99.8
6556.4	1.52523	40.0	62.5	78.2	88.7	69.0	[illegible]	91.5	80.7	86.5	93.2	96.3	97.9	96.2	[illegible]	96.1	98.4	98.6	98.4	99.5	99.8
6556.6	1.52518	40.8	63.2	78.8	89.2	70.4	71.0	91.7	81.0	86.7	93.4	96.3	97.9	96.2	96.1	96.1	98.4	98.6	98.4	99.5	99.8
6556.8	1.52513	41.4	63.7	79.4	89.2	70.8	71.6	91.8	81.3	87.0	93.5	96.4	97.9	96.1	96.3	96.2	98.4	98.6	98.4	99.5	99.8
6557.0	1.52509	41.9	64.1	79.6	89.4	70.5	71.7	91.3	81.7	87.2	93.7	96.4	97.9	96.2	96.5	96.2	98.5	98.6	98.4	99.5	99.8
6557.2	1.52504	42.0	64.4	79.9	89.5	70.0	71.3	91.7	82.0	87.5	93.8	96.5	98.0	96.2	[illegible]	96.3	98.5	98.6	98.4	99.5	99.8
6557.4	1.52499	42.1	64.9	80.1	89.5	70.7	[illegible]	91.8	82.3	87.8	93.9	96.5	98.0	96.3	96.1	96.3	98.5	98.6	98.5	99.5	99.9
6557.6	1.52495	43.2	65.9	80.6	90.0	71.5	71.5	92.3	82.7	88.1	94.0	96.6	98.0	96.3	96.2	96.4	98.5	98.7	98.5	99.5	99.9
6557.8	1.52490	44.8	67.1	81.1	90.3	72.7	72.5	92.7	82.9	88.3	94.1	96.7	98.0	96.3	[illegible]	96.4	98.5	98.7	98.5	99.5	99.9
6558.0	1.52486	46.3	67.4	81.7	90.5	74.0	[illegible]	93.0	83.2	88.6	94.2	96.7	98.0	96.3	[illegible]	96.4	98.5	98.7	98.5	99.5	99.9
6558.2	1.52481	46.9	67.9	82.1	90.7	74.3	74.0	[illegible]	83.5	88.8	94.3	96.6	98.0	96.4	[illegible]	96.5	98.6	98.7	98.5	99.5	99.9
6558.4	1.52476	47.2	68.5	82.5	90.9	74.2	74.6	[illegible]	83.9	89.1	94.4	96.8	98.0	96.5	[illegible]	96.5	98.5	98.8	98.5	99.6	99.9
6558.6	1.52472	47.5	69.4	82.6	91.1	74.0	[illegible]	[illegible]	84.2	89.2	94.5	96.9	98.1	96.5	[illegible]	96.5	98.6	98.8	98.5	99.6	99.9
6558.8	1.52467	48.5	70.4	82.9	91.2	74.4	75.4	93.2	84.5	89.3	94.7	97.0	98.1	96.5	[illegible]	96.7	98.7	98.8	98.5	99.6	99.9
6559.0	1.52462	50.0	71.2	83.4	91.5	75.1	75.8	[illegible]	84.9	89.5	94.8	97.0	98.1	96.7	[illegible]	96.8	98.7	98.9	98.5	99.6	99.9
6559.2	1.52458	51.5	72.0	84.0	92.0	76.1	75.6	[illegible]	85.3	89.6	94.9	97.1	98.1	96.8	[illegible]	96.9	98.8	98.9	98.5	99.5	99.9
6559.4	1.52453	52.2	72.7	84.6	92.3	77.0	77.4	94.2	85.6	90.1	95.1	97.2	98.2	96.9	97.4	96.9	98.8	98.9	98.7	99.6	99.9
6559.6	1.52448	53.1	73.3	85.0	92.4	77.5	77.9	94.2	86.0	90.4	95.2	97.3	98.2	97.0	97.4	96.9	98.9	99.0	98.7	99.6	99.9
6559.8	1.52444	54.2	74.0	85.4	92.7	77.8	78.4	94.2	86.4	90.7	95.4	97.3	98.3	97.1	97.4	97.0	98.9	99.0	98.7	99.5	99.9
6560.0	1.52439	55.3	74.8	85.8	93.0	78.0	78.8	94.3	86.8	90.9	95.5	97.4	98.3	97.2	97.5	97.0	98.9	99.1	98.7	99.5	99.9
6560.2	1.52434	56.4	75.5	86.2	93.2	78.7	79.8	94.5	87.2	91.2	95.7	97.5	98.4	97.3	97.5	97.1	98.9	99.1	98.7	99.5	99.9
6560.4	1.52430	57.4	76.4	86.7	93.4	79.5	80.5	94.8	87.5	91.4	95.8	97.6	98.4	97.3	97.7	97.2	98.9	99.2	98.8	99.7	99.9
6560.6	1.52425	58.4	77.1	87.2	93.5	80.5	80.7	95.1	87.8	91.6	95.9	97.7	98.4	97.4	97.7	97.3	98.9	99.2	98.8	99.7	99.9
6560.8	1.52420	59.7	77.9	87.7	93.8	81.4	81.1	95.3	88.1	91.9	96.0	97.8	98.5	97.4	97.8	97.4	98.9	99.2	98.8	99.7	99.9
6561.0	1.52415	60.5	78.3	88.1	93.9	81.3	81.6	95.4	88.4	92.2	96.1	97.9	98.5	97.4	97.9	97.5	99.0	99.3	98.8	99.7	99.9
6561.2	1.52411	61.5	78.7	88.4	94.1	82.1	82.1	95.4	88.8	92.4	96.2	97.9	98.5	97.5	97.9	97.5	99.0	99.3	98.8	99.7	99.9
6561.4	1.52406	62.5	79.3	88.7	94.2	82.2	82.5	95.4	89.1	92.6	96.3	98.0	98.6	97.5	97.8	97.7	99.1	99.4	98.9	99.7	99.9
6561.6	1.52402	63.3	80.1	89.1	94.5	82.4	83.0	95.5	89.5	92.8	96.4	98.1	98.6	97.5	97.9	97.8	99.2	99.4	98.9	99.7	99.9
6561.8	1.52397	64.3	80.9	89.4	94.8	82.8	83.7	95.5	89.8	93.0	96.5	98.2	98.6	97.7	98.0	97.9	99.2	99.5	98.9	99.7	99.9
6562.0	1.52393	65.2	81.5	89.8	94.9	83.4	84.4	95.9	90.1	93.2	96.5	98.2	98.7	97.9	98.1	98.0	99.3	99.5	98.9	99.7	99.9
6562.2	1.52388	65.9	82.3	90.2	95.1	84.1	85.0	96.1	90.4	93.3	96.8	98.3	98.8	97.9	98.1	98.0	99.3	99.5	99.0	99.7	99.9
6562.4	1.52383	67.7	83.1	90.5	95.2	84.3	85.6	96.2	90.7	93.5	96.9	98.4	98.8	97.9	98.1	98.1	99.3	99.5	99.0	99.7	99.9
6562.6	1.52379	69.0	83.7	90.9	95.5	84.9	86.3	96.4	91.0	93.7	97.0	98.4	98.9	98.0	98.1	98.2	99.3	99.5	99.0	99.8	99.9
6562.8	1.52374	70.0	84.4	91.3	95.8	85.5	87.0	96.7	91.3	93.9	97.1	98.5	98.9	98.1	98.2	98.3	99.3	99.5	99.0	99.8	100.0
6563.0	1.52369	71.9	85.2	91.7	96.1	86.5	87.7	97.0	91.6	94.1	97.1	98.6	99.0	98.3	[illegible]	98.4	99.3	99.5	99.0	99.8	100.0
6563.2	1.52365	73.9	85.9	92.2	96.4	87.3	88.2	97.2	91.9	94.3	97.2	98.7	99.0	98.5	98.4	98.5	99.3	99.6	99.1	99.8	100.0
6563.4	1.52360	75.4	86.5	92.6	96.5	88.4	88.8	97.3	92.2	94.5	97.4	98.7	99.0	98.5	98.5	98.5	99.3	99.6	99.1	99.8	100.0
6563.6	1.52355	76.4	87.3	93.1	96.8	89.1	89.5	97.4	92.5	94.7	97.5	98.8	99.0	98.5	[illegible]	98.5	99.3	99.6	99.1	99.9	100.0
6563.8	1.52351	77.5	88.0	93.4	96.9	89.5	90.0	97.5	92.8	94.9	97.7	98.9	99.0	98.5	98.8	98.5	99.3	99.6	99.1	99.8	100.0
6564.0	1.52346	78.7	88.5	93.6	97.0	89.8	90.4	97.7	93.1	95.2	97.9	98.9	99.1	98.7	[illegible]	98.7	99.3	99.6	99.1	99.8	100.0
6564.2	1.52341	79.9	89.1	93.9	97.1	90.2	90.9	97.9	93.3	95.4	97.9	98.9	99.2	98.8	[illegible]	98.7	99.4	99.6	99.2	99.8	100.0
6564.4	1.52337	81.0	89.8	94.1	97.3	90.5	91.6	98.0	93.5	95.7	98.0	99.0	99.3	98.9	98.9	98.8	99.4	99.6	99.2	99.8	100.0
6564.6	1.52332	81.5	90.2	94.3	97.4	91.2	92.0	98.1	93.9	95.9	98.1	99.0	99.4	98.9	[illegible]	98.8	99.4	99.6	99.2	99.9	100.0
6564.8	1.52328	82.2	90.5	94.6	97.5	91.7	92.4	98.2	94.0	96.1	98.2	99.0	99.4	98.9	99.1	98.9	99.4	99.6	99.2	99.9	100.0
6565.0	1.52323	82.3	91.0	94.8	97.5	92.2	92.9	98.3	94.2	96.2	98.2	99.1	99.4	98.9	99.2	98.9	99.4	99.6	99.2	99.9	100.0
6565.2	1.52318	83.7	91.5	95.0	97.8	92.4	93.2	98.4	94.4	96.3	98.3	99.1	99.4	98.9	[illegible]	99.0	99.4	99.7	99.3	99.9	100.0
6565.4	1.52314	84.3	92.0	95.2	97.9	92.5	93.6	98.5	94.7	96.5	98.3	99.1	99.5	99.0	[illegible]	99.0	99.4	99.7	99.3	99.9	100.0
6565.6	1.52309	84.9	92.3	95.4	98.0	92.8	94.0	98.3	94.9	96.6	98.4	99.1	99.5	99.0	99.4	99.1	99.5	99.7	99.3	99.9	100.0
6565.8	1.52304	85.4	92.4	95.6	98.2	93.0	94.2	98.7	95.0	96.8	98.5	99.1	99.5	99.0	99.4	99.1	99.5	99.7	99.3	99.9	100.0
6566.0	1.52300	85.9	92.9	95.9	98.2	93.2	94.4	98.7	95.4	96.9	98.5	99.2	99.5	99.0	99.4	99.2	99.5	99.7	99.3	99.9	100.0
6566.2	1.52295	86.5	93.3	96.1	98.2	93.4	94.7	98.7	95.5	97.1	98.5	99.2	99.5	99.0	[illegible]	99.2	99.5	99.7	99.4	99.9	100.0
6566.4	1.52290	87.2	93.5	96.3	98.3	93.5	94.9	98.8	95.7	97.2	98.7	99.2	99.5	99.0	99.6	99.2	99.5	99.7	99.4	99.9	100.0
6566.6	1.52286	87.5	93.7	96.4	98.5	93.8	95.1	98.9	95.8	97.4	98.8	99.2	99.5	99.1	99.6	99.3	99.5	99.7	99.4	99.9	100.0
6566.8	1.52281	88.0	93.9	96.5	98.5	94.1	95.2	98.9	95.9	97.4	98.8	99.2	99.6	99.1	99.5	99.3	99.5	99.7	99.4	100.0	100.0

Table 4-1 (cont'd)

Case No.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
p (atm)		2.50×10^{0}	2.53×10^{0}	2.53×10^{0}	2.50×10^{0}	2.00×10^{0}	1.00×10^{0}	1.00×10^{0}	1.65×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{1}	1.00×10^{0}	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}
P_e (atm)		3.29×10^{0}	3.32×10^{0}	3.32×10^{0}	3.29×10^{0}	2.62×10^{0}	1.31×10^{0}	1.31×10^{0}	2.03×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	1.36×10^{1}	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}
u (atm cm) STP		2.17×10^{5}	1.10×10^{5}	5.57×10^{4}	2.80×10^{4}	8.71×10^{4}	8.62×10^{4}	2.19×10^{4}	4.73×10^{4}	3.16×10^{4}	1.59×10^{4}	7.93×10^{3}	3.99×10^{3}	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}
ν (cm^{-1})	λ (micron)	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100	T × 100
6567.0	1.52277	88.7	94.1	96.7	98.5	94.4	95.4	98.[illegible]	96.1	97.5	99.0	99.3	99.[illegible]	99.1	99.[illegible]	99.4	99.5	99.7	99.4		100.0	100.0
6567.2	1.52272	89.3	94.3	96.8	98.8	94.7	95.6	98.[illegible]	96.3	97.6	99.1	99.4	99.6	99.1	99.[illegible]	99.4	99.5	99.7	99.5		100.0	100.0
6567.4	1.52267	89.7	94.5	96.9	98.9	94.8	95.7	[illegible]	96.4	97.6	99.1	99.4	99.6	99.1	99.[illegible]	99.4	99.5	99.8	99.5		100.0	100.0
6567.6	1.52263	90.1	94.8	97.0	98.9	95.1	95.[illegible]	[illegible]	96.5	97.7	99.2	99.5	99.6	99.1	99.[illegible]	99.5	99.5	99.8	99.5		100.0	100.0
6567.8	1.52258	90.3	95.0	97.1	99.0	95.3	95.[illegible]	[illegible]	96.5	97.8	99.2	99.5	99.6	99.2	99.[illegible]	99.5	99.5	99.8	99.5		100.0	100.0
6568.0	1.52253	90.5	95.2	97.2	98.[illegible]	95.4	96.[illegible]	98.[illegible]	96.6	97.9	99.3	99.[illegible]	99.[illegible]	99.2	99.[illegible]	99.5	99.5	99.8	99.5		100.0	100.0
6568.2	1.52249	90.9	95.3	97.3	98.[illegible]	95.5	96.[illegible]	98.[illegible]	96.8	97.9	99.3	99.6	99.[illegible]	99.2	99.[illegible]	99.5	99.7	99.8	99.5		100.0	100.0
6568.4	1.52244	91.2	95.4	97.4	98.[illegible]	95.6	96.[illegible]	99.[illegible]	96.9	98.0	99.3	99.6	99.7	99.2	99.[illegible]	99.5	99.7	99.8	99.5		100.0	100.0
6568.6	1.52239	91.3	95.5	97.4	98.[illegible]	95.7	96.6	99.[illegible]	97.0	98.1	99.3	99.6	99.7	99.2	99.[illegible]	99.[illegible]	99.7	99.8	99.5		100.0	100.0
6568.8	1.52235	91.6	95.6	97.5	99.[illegible]	95.8	96.[illegible]	99.[illegible]	97.0	98.1	99.3	99.[illegible]	99.7	99.2	99.[illegible]	99.[illegible]	99.7	99.8	99.5		100.0	100.0
6569.0	1.52230	91.8	95.5	97.6	99.0	95.9	96.5	99.[illegible]	97.1	98.1	99.3	99.7	99.7	99.3	99.[illegible]	99.[illegible]	99.7	99.8	99.5		100.0	100.0
6569.2	1.52226	91.9	95.6	97.6	99.0	95.9	96.[illegible]	99.[illegible]	97.2	98.1	99.3	99.[illegible]	99.7	99.3	99.[illegible]	99.[illegible]	99.7	99.8	99.7		100.0	100.0
6569.4	1.52221	91.9	95.9	97.7	99.1	96.0	96.5	99.[illegible]	97.2	98.1	99.4	99.7	99.7	99.3	99.[illegible]	99.[illegible]	99.8	99.9	99.7		100.0	100.0
6569.6	1.52216	92.2	95.9	97.8	99.1	96.1	96.[illegible]	99.[illegible]	97.3	98.1	99.4	99.[illegible]	99.8	99.3	99.[illegible]	99.[illegible]	99.8	99.9	99.7		100.0	100.0
6569.8	1.52212	92.4	95.9	97.9	99.1	96.2	96.[illegible]	99.1	97.3	98.2	99.4	99.7	99.8	99.3	99.[illegible]	99.[illegible]	99.8	99.9	99.7		100.0	100.0
6570.0	1.52207	92.4	95.9	97.9	99.1	96.3	96.[illegible]	99.1	97.5	98.3	99.4	99.7	99.8	99.3	100.0	99.[illegible]	99.8	99.9	99.7		100.0	100.0
6570.2	1.52202	92.4	96.0	97.9	99.1	96.4	96.7	99.[illegible]	97.7	98.3	99.4	99.7	99.8	99.4	100.0	99.[illegible]	99.8	99.9	99.8		100.0	100.0
6570.4	1.52198	92.5	96.2	98.0	99.2	96.4	96.7	99.[illegible]	97.8	98.4	99.4	99.[illegible]	99.8	99.4	100.0	100.0	99.8	99.9	99.8		100.0	100.0
6570.6	1.52193	92.7	96.3	98.0	99.2	96.5	96.[illegible]	99.[illegible]	97.8	98.4	99.4	99.[illegible]	99.8	99.4	100.0	100.0	99.8	99.9	99.8		100.0	100.0
6570.8	1.52188	92.8	96.4	98.1	99.2	96.5	96.[illegible]	99.[illegible]	97.9	98.5	99.4	99.[illegible]	99.8	99.4	100.0	100.0	99.9	99.9	99.8		100.0	100.0
6571.0	1.52184	92.8	96.4	98.1	99.2	96.5	96.9	99.[illegible]	97.9	98.5	99.4	99.[illegible]	99.9	99.4	100.0	100.0	99.9	99.9	99.8		100.0	100.0
6571.2	1.52179	92.9	96.5	98.2	99.2	96.5	97.0	99.4	97.9	98.5	99.4	99.[illegible]	99.9	99.4	100.0	100.0	99.9	99.9	99.9		100.0	100.0
6571.4	1.52175	93.0	96.5	98.2	99.2	96.6	97.[illegible]	99.4	97.9	98.6	99.4	99.[illegible]	99.9	99.5	100.0	100.0	99.9	100.0	99.9		100.0	100.0
6571.6	1.52170	93.2	96.5	98.3	99.2	96.7	97.2	99.5	97.9	98.6	99.4	99.[illegible]	99.9	99.5	100.0	100.0	99.9	100.0	99.9		100.0	100.0
6571.8	1.52165	93.3	96.5	98.4	99.2	96.7	97.2	99.[illegible]	98.0	98.6	99.5	99.[illegible]	99.9	99.5	100.0	100.0	99.9	100.0	99.9		100.0	100.0
6572.0	1.52161	93.5	96.5	98.4	99.2	96.8	97.3	99.[illegible]	98.0	98.6	99.5	99.9	99.9	99.5	100.0	100.0	100.0	100.0	99.9		100.0	100.0
6572.2	1.52156	93.[illegible]	96.6	98.4	99.2	97.0	97.[illegible]	99.[illegible]	98.0	98.6	99.5	99.9	99.9	99.5	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6572.4	1.52151	93.[illegible]	96.7	98.4	99.3	97.1	97.4	99.4	98.1	98.6	99.5	99.9	100.0	99.5	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6572.6	1.52147	94.0	96.7	98.4	99.3	97.2	97.4	99.4	98.1	98.7	99.5	99.9	100.0	99.5	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6572.8	1.52142	94.1	96.7	98.4	99.3	97.2	97.4	99.4	98.1	98.7	99.5	99.9	100.0	99.5	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6573.0	1.52138	94.2	96.8	98.4	99.3	97.3	97.[illegible]	99.4	98.1	98.7	99.5	99.9	100.0	99.5	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6573.2	1.52133	94.3	96.9	98.4	99.3	97.4	97.[illegible]	99.[illegible]	98.1	98.7	99.5	99.9	100.0	99.5	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6573.4	1.52128	94.4	96.9	98.4	99.3	97.5	97.[illegible]	99.[illegible]	98.1	98.7	99.5	99.9	100.0	99.5	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6573.6	1.52124	94.5	96.9	98.5	99.3	97.5	97.[illegible]	99.5	98.2	98.8	99.5	100.0	100.0	99.5	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6573.8	1.52119	94.6	96.9	98.5	99.3	97.7	97.6	99.5	98.2	98.8	99.5	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6574.0	1.52114	94.6	97.0	98.6	99.3	97.8	97.6	99.5	98.3	98.8	99.5	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6574.2	1.52110	94.7	97.0	98.6	99.4	97.9	97.7	99.5	98.3	98.8	99.5	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6574.4	1.52105	94.8	97.0	98.6	99.4	98.0	97.7	99.6	98.3	98.8	99.5	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6574.6	1.52101	94.9	97.1	98.6	99.4	98.1	97.7	99.5	98.4	98.9	99.5	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6574.8	1.52096	94.9	97.1	98.7	99.4	98.2	97.8	99.5	98.4	98.9	99.5	100.0	100.0	99.7	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6575.0	1.52091	94.9	97.1	98.7	99.4	98.3	97.8	99.5	98.4	98.9	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6575.2	1.52087	94.9	97.2	98.7	99.4	98.4	97.8	99.7	98.5	98.9	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6575.4	1.52082	94.9	97.2	98.7	99.4	98.4	97.8	99.7	98.5	98.9	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6575.6	1.52077	95.0	97.2	98.7	99.4	98.4	97.9	99.7	98.5	99.0	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6575.8	1.52073	95.1	97.3	98.7	99.4	98.5	97.9	99.7	98.5	99.0	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6576.0	1.52068	95.2	97.3	98.7	99.4	98.5	97.9	99.7	98.5	99.0	99.5	100.0	100.0	99.8	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6576.2	1.52064	95.3	97.3	98.8	99.5	98.5	98.0	99.8	98.5	99.0	99.5	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6576.4	1.52059	95.4	97.4	98.8	99.5	98.6	98.0	99.8	98.5	99.0	99.5	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6576.6	1.52054	95.4	97.4	98.8	99.5	98.6	98.0	99.8	98.5	99.1	99.7	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6576.8	1.52050	95.4	97.4	98.8	99.5	98.6	98.1	99.8	98.5	99.1	99.7	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6577.0	1.52045	95.5	97.5	98.8	99.5	98.6	98.1	99.8	98.5	99.1	99.7	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6577.2	1.52040	95.5	97.5	98.8	99.5	98.6	98.1	99.9	98.5	99.1	99.7	100.0	100.0	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6577.4	1.52036	95.5	97.5	98.8	99.5	98.7	98.2	99.9	98.5	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6577.6	1.52031	95.5	97.5	98.9	99.5	98.7	98.2	99.9	98.5	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6577.8	1.52027	95.5	97.5	98.9	99.5	98.8	98.2	99.9	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6578.0	1.52022	95.5	97.5	98.9	99.5	98.8	98.3	100.0	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6578.2	1.52017	95.7	97.7	98.9	99.5	98.9	98.3	100.0	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6578.4	1.52013	95.8	97.7	98.9	99.5	98.9	98.3	100.0	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6578.6	1.52008	95.9	97.9	98.9	99.5	98.9	98.4	100.0	98.5	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6578.8	1.52003	96.0	97.9	98.9	99.5	98.9	98.4	100.0	98.5	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6579.0	1.51999	96.1	97.8	98.8	99.5	98.9	98.4	100.0	98.5	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6579.2	1.51994	96.2	97.9	98.8	99.5	98.9	98.4	100.0	98.5	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6579.4	1.51990	96.4	97.9	98.8	99.5	99.0	98.5	100.0	98.5	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6579.6	1.51985	96.5	97.9	98.8	99.5	99.0	98.5	100.0	98.5	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6579.8	1.51980	96.5	98.0	98.8	99.5	99.0	98.5	100.0	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0

6580.0	1.51976	96.5	98.0	98.9	99.7	99.1	98.6	100.0	98.5	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6580.2	1.51971	96.5	98.0	98.9	99.7	99.2	98.6	100.0	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6580.4	1.51966	96.5	98.1	99.0	99.7	99.2	98.6	100.0	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6580.6	1.51962	96.7	98.1	99.0	99.7	99.2	98.7	100.0	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6580.8	1.51957	96.8	98.1	99.1	99.7	99.2	98.7	100.0	98.7	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6581.0	1.51953	96.8	98.2	99.1	99.7	99.3	98.7	100.0	98.7	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6581.2	1.51948	96.8	98.2	99.1	99.7	99.3	98.8	100.0	98.7	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6581.4	1.51943	96.8	98.2	99.2	99.7	99.3	98.8	100.0	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6581.6	1.51939	96.9	98.3	99.2	99.7	99.3	98.8	100.0	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6581.8	1.51934	96.9	98.3	99.2	99.8	99.3	98.9	100.0	98.7	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6582.0	1.51930	97.0	98.3	99.2	99.8	99.3	98.9	100.0	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6582.2	1.51925	97.0	98.4	99.3	99.8	99.4	98.9	100.0	98.8	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6582.4	1.51920	97.1	98.4	99.3	99.8	99.4	99.0	100.0	98.8	99.6	99.9	100.0	100.0								
6582.6	1.51916	97.1	98.4	99.3	99.8	99.4	99.0	100.0	98.9	99.6	99.9	100.0	100.0								
6582.8	1.51911	97.2	98.5	99.3	99.8	99.4	99.0	100.0	98.9	99.6	99.9	100.0	100.0								
6583.0	1.51906	97.2	98.5	99.4	99.8	99.4	99.0	100.0	99.0	99.7	99.9	100.0	100.0								
6583.2	1.51902	97.2	98.5	99.4	99.8	99.4	99.1	100.0	99.0	99.7	99.9	100.0	100.0								
6583.4	1.51897	97.3	98.5	99.4	99.8	99.5	99.1	100.0	99.0	99.7	99.9	100.0	100.0								
6583.6	1.51893	97.3	98.6	99.4	99.8	99.5	99.1	100.0	99.0	99.7	99.9	100.0	100.0								
6583.8	1.51888	97.3	98.7	99.4	99.9	99.5	99.2	100.0	99.0	99.7	100.0	100.0	100.0								
6584.0	1.51883	97.4	98.7	99.4	99.9	99.5	99.2	100.0	99.0	99.8	100.0	100.0	100.0								
6584.2	1.51879	97.4	98.7	99.5	99.9	99.5	99.2	100.0	99.1	99.8	100.0	100.0	100.0								
6584.4	1.51874	97.4	98.8	99.5	99.9	99.5	99.3	100.0	99.1	99.8	100.0	100.0	100.0								
6584.6	1.51870	97.5	98.8	99.5	99.9	99.5	99.3	100.0	99.1	99.8	100.0	100.0	100.0								
6584.8	1.51865	97.5	98.8	99.5	99.9	99.5	99.3	100.0	99.1	99.8	100.0	100.0	100.0								
6585.0	1.51860	97.5	98.9	99.5	99.9	99.5	99.4	100.0	99.2	99.9	100.0	100.0	100.0								
6585.2	1.51855	97.5	98.9	99.6	99.9	99.5	99.4	100.0	99.2	99.9	100.0	100.0	100.0								
6585.4	1.51851	97.5	98.9	99.6	99.9	99.5	99.4	100.0	99.2	99.9	100.0	100.0	100.0								
6585.6	1.51846	97.7	99.0	99.6	100.0	99.7	99.5	100.0	99.3	99.9	100.0	100.0	100.0								
6585.8	1.51842	97.7	99.0	99.6	100.0	99.7	99.5	100.0	99.3	99.9	100.0	100.0	100.0								
6586.0	1.51837	97.7	99.0	99.6	100.0	99.7	99.5	100.0	99.3	99.9	100.0	100.0	100.0								
6586.2	1.51833	97.8	99.1	99.6	100.0	99.7	99.6	100.0	99.4	100.0	100.0	100.0	100.0								
6586.4	1.51828	97.8	99.1	99.7	100.0	99.7	99.6	100.0	99.4	100.0	100.0	100.0	100.0								
6586.6	1.51823	97.8	99.1	99.7	100.0	99.7	99.6	100.0	99.4	100.0	100.0	100.0	100.0								
6586.8	1.51819	97.9	99.2	99.7	100.0	99.8	99.6	100.0	99.4	100.0	100.0	100.0	100.0								
6587.0	1.51814	97.9	99.2	99.7	100.0	99.8	99.7	100.0	99.4	100.0	100.0	100.0	100.0								
6587.2	1.51810	97.9	99.2	99.7	100.0	99.8	99.7	100.0	99.4	100.0	100.0	100.0	100.0								
6587.4	1.51805	98.0	99.3	99.7	100.0	99.8	99.7	100.0	99.4	100.0	100.0	100.0	100.0								
6587.6	1.51800	98.0	99.3	99.8	100.0	99.8	99.8	100.0	99.4	100.0	100.0	100.0	100.0								
6587.8	1.51796	98.0	99.3	99.8	100.0	99.8	99.8	100.0	99.5	100.0	100.0	100.0	100.0								
6588.0	1.51791	98.1	99.4	99.8	100.0	99.9	99.8	100.0	99.5	100.0	100.0	100.0	100.0								
6588.2	1.51787	98.1	99.4	99.8	100.0	99.9	99.8	100.0	99.5	100.0	100.0	100.0	100.0								
6588.4	1.51782	98.2	99.5	99.8	100.0	99.9	99.9	100.0	99.5	100.0	100.0	100.0	100.0								
6588.6	1.51777	98.2	99.5	99.9	100.0	99.9	99.9	100.0	99.5	100.0	100.0	100.0	100.0								
6588.8	1.51773	98.2	99.5	99.9	100.0	99.9	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6589.0	1.51768	98.3	99.5	99.9	100.0	99.9	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6589.2	1.51763	98.3	99.5	99.9	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6589.4	1.51759	98.3	99.5	99.9	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6589.6	1.51754	98.4	99.7	99.9	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6589.8	1.51750	98.4	99.7	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6590.0	1.51745	98.4	99.7	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6590.2	1.51740	98.5	99.8	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6590.4	1.51736	98.5	99.8	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6590.6	1.51731	98.5	99.8	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6590.8	1.51727	98.5	99.9	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6591.0	1.51722	98.5	99.9	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6591.2	1.51717	98.7	99.9	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6591.4	1.51713	98.7	100.0	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6591.6	1.51708	98.7	100.0	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6591.8	1.51704	98.8	100.0	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6592.0	1.51699	98.8	100.0	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6592.2	1.51694	98.8	100.0	100.0	100.0	100.0	100.0	100.0	99.5	100.0	100.0	100.0	100.0								
6592.4	1.51690	98.9							99.5	100.0	100.0	100.0	100.0								
6592.6	1.51685	98.9							99.5	100.0	100.0	100.0	100.0								
6592.8	1.51681	98.9							99.7	100.0	100.0	100.0	100.0								
6593.0	1.51676	99.0							99.7	100.0	100.0	100.0	100.0								
6593.2	1.51671	99.0							99.7	100.0	100.0	100.0	100.0								
6593.4	1.51667	99.0							99.7	100.0	100.0	100.0	100.0								
6593.6	1.51662	99.1							99.7	100.0	100.0	100.0	100.0								
6593.8	1.51658	99.1							99.7	100.0	100.0	100.0	100.0								
6594.0	1.51653	99.1							99.7	100.0	100.0	100.0	100.0								
6594.2	1.51648	99.2							99.7	100.0	100.0	100.0	100.0								
6594.4	1.51644	99.2							99.7	100.0	100.0	100.0	100.0								
6594.6	1.51639	99.3							99.7	100.0	100.0	100.0	100.0								
6594.8	1.51635	99.3							99.7	100.0	100.0	100.0	100.0								
6595.0	1.51630	99.3							99.7	100.0	100.0	100.0	100.0								
6595.2	1.51625	99.4							99.7	100.0	100.0	100.0	100.0								
6595.4	1.51621	99.4							99.8	100.0	100.0	100.0	100.0								
6595.6	1.51616	99.4							99.8	100.0	100.0	100.0	100.0								
6595.8	1.51612	99.5							99.8	100.0	100.0	100.0	100.0								

Table 4-1 (cont'd)

Sam. No.		1	2	3	4	5	6	7	8	9	10	11	12
p(atm)		2.50 x 10^0	2.53 x 10^0	2.53 x 10^0	2.50 x 10^0	2.00 x 10^0	1.00 x 10^0	1.00 x 10^0	1.46 x 10^1	1.00 x 10^1	1.00 x 10^1	1.00 x 10^1	1.00 x 10^0
P_e(atm)		3.29 x 10^0	3.32 x 10^0	3.32 x 10^0	3.29 x 10^0	2.62 x 10^0	1.31 x 10^0	1.31 x 10^0	2.00 x 10^1	1.36 x 10^1	1.36 x 10^1	1.36 x 10^1	1.36 x 10^1
u (atm cm) STP		2.17 x 10^5	1.10 x 10^5	5.57 x 10^4	2.60 x 10^4	8.71 x 10^4	8.62 x 10^4	2.19 x 10^4	4.73 x 10^4	3.16 x 10^4	1.59 x 10^4	7.93 x 10^3	3.99 x 10^3
ν (cm^{-1})	λ (micron)	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100	T x 100
6596.0	1.51607	99.5							99.8	100.0	100.0	100.0	100.0
6596.2	1.51602	99.5							99.8	100.0	100.0	100.0	100.0
6596.4	1.51598	99.6							99.8	100.0	100.0	100.0	100.0
6596.6	1.51593	99.6							99.8	100.0	100.0	100.0	100.0
6596.8	1.51589	99.6							99.8	100.0	100.0	100.0	100.0
6597.0	1.51584	99.7							99.8	100.0	100.0	100.0	100.0
6597.2	1.51579	99.7							99.8	100.0	100.0	100.0	100.0
6597.4	1.51575	99.8							99.8	100.0	100.0	100.0	100.0
6597.6	1.51570	99.8							99.8	100.0	100.0	100.0	100.0
6597.8	1.51566	99.8							99.8	100.0	100.0	100.0	100.0
6598.0	1.51561	99.9							99.9	100.0	100.0	100.0	100.0
6598.2	1.51556	99.9							99.9	100.0	100.0	100.0	100.0
6598.4	1.51552	99.9							99.9	100.0	100.0	100.0	100.0
6598.6	1.51547	100.0							99.9	100.0	100.0	100.0	100.0
6598.8	1.51543	100.0							99.9	100.0	100.0	100.0	100.0
6599.0	1.51538	100.0							99.9	100.0	100.0	100.0	100.0
6599.2	1.51534	100.0							99.9	100.0	100.0	100.0	100.0
6599.4	1.51529								99.9	100.0	100.0	100.0	100.0
6599.6	1.51524								99.9	100.0	100.0	100.0	100.0
6599.8	1.51520								99.9	100.0	100.0	100.0	100.0
6600.0	1.51515								99.9	100.0	100.0	100.0	100.0
6600.2	1.51511								99.9	100.0	100.0	100.0	100.0
6600.4	1.51506								99.9	100.0	100.0	100.0	100.0
6600.6	1.51501								100.0	100.0	100.0	100.0	100.0
6600.8	1.51497								100.0	100.0	100.0	100.0	100.0
6601.0	1.51492								100.0	100.0	100.0	100.0	100.0
6601.2	1.51488								100.0	100.0	100.0	100.0	100.0
6601.4	1.51483								100.0	100.0	100.0	100.0	100.0
6601.6	1.51478								100.0	100.0	100.0	100.0	100.0
6601.8	1.51474								100.0	100.0	100.0	100.0	100.0
6602.0	1.51469								100.0	100.0	100.0	100.0	100.0
6602.2	1.51465								100.0	100.0	100.0	100.0	100.0
6602.4	1.51460								100.0	100.0	100.0	100.0	100.0
6602.6	1.51455								100.0	100.0	100.0	100.0	100.0
6602.8	1.51451								100.0	100.0	100.0	100.0	100.0
6603.0	1.51446								100.0	100.0	100.0	100.0	100.0
6603.2	1.51442								100.0	100.0	100.0	100.0	100.0
6603.4	1.51437								100.0	100.0	100.0	100.0	100.0
6603.6	1.51433								100.0	100.0	100.0	100.0	100.0
6603.8	1.51428								100.0	100.0	100.0	100.0	100.0

SECTION 5

TABLE OF INTEGRATED ABSORPTANCE

Values of the integrated absorptance over the region from 5814 to 6582 cm^{-1} are presented in Table 5-1 for the samples listed in Table 3-2. The integrals were calculated from the transmittance tables in Section 4 by assuming a spectrum could be constructed by plotting the transmittance values and joining them with straight lines. The important sample parameters are listed at the top of each column corresponding to a given sample.

The lower limit of integration ν', which is shown at the top of each column, was chosen at a point where there was very little, if any, absorption. ν' is different for some samples than for others, since the integration was not performed over some of the regions of small absorption. The absorption by small samples is negligible in some regions where it is important for large samples.

In regions where the structure in the spectra is regular, the integrated absorptance was calculated at wavenumbers midway between the line centers. Thus, in the case of no overlapping, the difference between two successive tabulated values is the equivalent width of the absorption line in the interval. In some other regions where the structure was not particularly regular, the integrated absorptance was calculated at wavenumbers corresponding to absorptance minima. In still other regions where there was but little structure or where the absorptance minima would shift as the pressure or absorber thickness was changed, the values were calculated at integral wavenumbers, or possibly at integral half-wavenumbers, depending on the amount of information one might expect to obtain from closer readings.

Table 5-1 $\int_{\nu'}^{\nu} A(\nu)\,d\nu$

Sam. No.	1	2	3	4	5	6	7	8	9	10	11	12
p(atm)	$2.50_0 \times 10^0$	$2.53_0 \times 10^0$	$2.53_0 \times 10^0$	$2.50_0 \times 10^0$	$2.00_0 \times 10^0$	$1.00_0 \times 10^0$	$1.00_0 \times 10^0$	$1.46_1 \times 10^1$	$1.00_1 \times 10^1$	$1.00_1 \times 10^1$	$1.00_1 \times 10^1$	$1.00_0 \times 10^0$
P_e(atm)	$3.29_0 \times 10^0$	$3.32_0 \times 10^0$	$3.32_0 \times 10^0$	$3.29_0 \times 10^0$	$2.62_0 \times 10^0$	$1.31_0 \times 10^0$	$1.31_0 \times 10^0$	$2.03_1 \times 10^1$	$1.36_1 \times 10^1$	$1.36_1 \times 10^1$	$1.36_1 \times 10^1$	$1.36_1 \times 10^1$
u(atm cm) STP	$2.17_5 \times 10^5$	$1.10_5 \times 10^5$	$5.57_4 \times 10^4$	$2.80_4 \times 10^4$	$6.71_4 \times 10^4$	$5.62_4 \times 10^4$	$2.19_4 \times 10^4$	$4.73_4 \times 10^4$	$3.16_4 \times 10^4$	$1.59_4 \times 10^4$	$7.93_3 \times 10^3$	$3.99_3 \times 10^3$
ν (cm^{-1})	ν'=5814 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5909.5 cm^{-1}	ν'=5909.5 cm^{-1}	ν'=5909.5 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}
5814.2	0.											
5814.5	0.											
5815.0	0.											
5820.0	0.018											
5825.0	0.068											
5830.0	0.156											
5835.0	0.269											
5840.0	0.409											
5845.0	0.584											
5850.0	0.776											
5855.0	0.940											
5857.6	0.983											
5865.0	1.206											
5870.0	1.544											
5875.0	1.914											
5880.0	2.135											
5882.0	2.158											
5890.0	2.159											
5895.0	2.159											
5900.0	2.159											
5905.0	2.159	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5910.0	2.168	0.001	0.	0.	0.	0.	0.	0.003	0.	0.	0.	0.
5915.0	2.192	0.013	0.	0.	0.	0.002	0.	0.013	0.	0.	0.	0.
5920.0	2.242	0.039	0.	0.	0.007	0.021	0.	0.030	0.003	0.	0.	0.
5925.0	2.327	0.080	0.004	0.	0.041	0.061	0.	0.054	0.015	0.	0.	0.
5930.0	2.461	0.134	0.023	0.	0.096	0.122	0.	0.101	0.034	0.003	0.	0.
5935.0	2.647	0.214	0.059	0.	0.174	0.204	0.	0.168	0.062	0.021	0.	0.
5940.0	2.901	0.327	0.110	0.085	0.268	0.314	0.002	0.234	0.095	0.039	0.	0.
5945.0	3.230	0.481	0.174	0.022	0.395	0.453	0.008	0.318	0.139	0.056	0.	0.
5951.5	3.719	0.689	0.265	0.048	0.540	0.651	0.014	0.445	0.213	0.101	0.	0.
5955.0	3.969	0.802	0.321	0.062	0.597	0.755	0.024	0.515	0.253	0.120	0.	0.
5959.6	4.281	0.948	0.394	0.080	0.690	0.882	0.040	0.607	0.304	0.135	0.	0.
5965.0	4.739	1.174	0.505	0.104	0.976	1.103	0.065	0.731	0.369	0.146	0.001	0.
5970.0	5.373	1.487	0.667	0.144	1.134	1.391	0.095	0.884	0.474	0.162	0.009	0.
5975.0	6.141	1.872	0.855	0.286	1.442	1.732	0.141	1.080	0.599	0.235	0.026	0.001
5980.0	6.991	2.302	1.082	0.284	1.780	2.113	0.188	1.303	0.742	0.291	0.042	0.003
5985.0	7.909	2.774	1.344	0.374	2.146	2.504	0.236	1.555	0.893	0.358	0.067	0.009
5986.7	8.253	2.954	1.443	0.409	2.283	2.642	0.255	1.645	0.945	0.386	0.075	0.01
5988.4	8.629	3.147	1.547	0.448	2.435	2.803	0.279	1.741	1.005	0.416	0.084	0.014
5990.2	9.054	3.367	1.664	0.498	2.606	2.993	0.307	1.851	1.079	0.449	0.095	0.017
5992.1	9.533	3.622	1.795	0.558	2.804	3.204	0.340	1.979	1.163	0.464	0.110	0.021
5993.8	9.998	3.871	1.930	0.617	2.996	3.411	0.377	2.109	1.239	0.520	0.126	0.026
5995.5	10.507	4;150	2.075	0.684	3.217	3.635	0.424	2.257	1.331	0.561	0.144	0.030
5997.2	11.069	4.466	2.244	0.766	3.463	3.872	0.480	2.421	1.435	0.609	0.165	0.034
5998.9	11.692	4.820	2.434	0.857	3.734	4.155	0.546	2.604	1.559	0.665	0.189	0.039
6000.6	12.380	5.224	2.654	0.964	4.057	4.471	0.627	2.811	1.701	0.732	0.219	0.046
6002.2	13.112	5.652	2.890	1.079	4.411	4.817	0.717	3.029	1.850	0.805	0.251	0.055
6003.9	13.939	6.140	3.162	1.212	4.814	5.195	0.815	3.280	2.023	0.892	0.289	0.066
6005.5	14.766	6.633	3.435	1.349	5.218	5.583	0.917	3.528	2.195	0.978	0.327	0.070
6007.2	15.671	7.170	3.733	1.496	5.654	6.010	1.024	3.801	2.383	1.073	0.368	0.091
6008.8	16.528	7.680	4.015	1.639	6.075	6.415	1.128	4.058	2.561	1.163	0.410	0.103
6010.4	17.379	8.183	4.295	1.778	6.489	6.815	1.228	4.312	2.735	1.252	0.451	0.115
6012.0	18.202	8.668	4.564	1.912	6.885	7.202	1.324	4.553	2.901	1.339	0.493	0.127
6013.6	18.977	9.118	4.812	2.038	7.248	7.571	1.410	4.776	3.059	1.418	0.573	0.138
6019.6	21.056	10.271	5.435	2.335	8.150	8.461	1.605	5.394	3.462	1.627	0.644	0.157
6021.9	21.592	10;549	5.590	2.400	8.380	8.683	1.636	5.580	3.587	1.684	0.675	0.172
6026.1	22.943	11;278	6.001	2.599	8.992	9.312	1.749	6.019	3.875	1.809	0.727	0.185
6028.3	24.027	11.911	6.355	2.780	9.520	9.832	1.878	6.354	4.101	1.913	0.778	0.201
6030.5	25.257	12.683	6.785	3.008	10.137	10.451	2.041	6.755	4.375	2.040	0.862	0.224
6032.3	26.364	13.351	7.185	3.220	10.713	11.017	2.200	7.120	4.631	2.161	0.915	0.246
6034.1	27.552	14.099	7.615	3.450	11.348	11.632	2.375	7.516	4.905	2.295	0.964	0.273
6036.1	28.840	14.938	8.102	3.715	12.042	12.253	2.571	7.982	5.233	2.459	1.076	0.303
6038.0	30.104	15.771	8.605	3.991	12.749	12.911	2.778	8.455	5.564	2.626	1.178	0.336
6039.8	31.415	16.648	9.127	4.271	13.484	13.591	2.995	8.928	5.899	2.794	1.233	0.369
6041.6	32.687	17.513	9.664	4.563	14.198	14.251	3.216	9.434	6.257	2.976	1.357	0.408
6043.4	33;989	18.415	10.232	4.887	14.965	14.904	3.455	9.988	6.653	3.172	1.450	0.454
6045.2	35.380	19.406	10.868	5.249	15.812	15.651	3.731	10.680	7.091	3.403	1.546	0.499
6047.0	36.812	20.455	11.563	5.651	16.711	16.432	4.023	11.284	7.589	3.663	1.619	0.539
6048.7	38.219	21.520	12.283	6.076	17.628	17.177	4.336	12.005	8.121	3.943	1.823	0.620
6050.5	39.738	22.694	13.102	6.570	18.632	17.973	4.682	12.851	8.753	4.281	2.010	0.713
6052.2	41.248	23.891	13.961	7.157	19.677	18.827	5.057	13.728	9.419	4.647	2.192	0.809
6053.9	42.800	25.159	14.893	7.754	20.782	19.713	5.467	14.678	10.159	5.054	2.419	0.917
6055.6	44.379	26.476	15.872	8.404	21.940	20.645	5.902	15.694	10.949	5.504	2.649	1.038
6057.3	45.978	27.847	16.927	9.107	23.150	21.621	6.361	16;787	11.787	5.996	2.913	1.171
6059.0	47.603	29.260	18.022	9.854	24.409	22.655	6.870	17.888	12.679	6.523	3.198	1.316
6060.7	49.243	30.709	19.152	10.633	25.698	23.723	7.393	19.044	13.613	7.075	3.499	1.470
6062.3	50.797	32.090	20.247	11.381	26.945	24.745	7.898	20.152	14.507	7.610	3.792	1.620
6064.0	52.447	33.566	21.412	12.184	28.262	25.845	8.437	21.335	15.465	8.182	4.125	1.787
6065.6	54.003	34.962	22.515	12.940	29.512	26.885	8.943	22.439	16.357	8.716	4.400	1.928
6067.2	55.555	36.346	23.600	13.667	30.747	27.921	9.444	23.514	17.219	9.225	4.682	2.071
6068.8	57.097	37.707	24.647	14.355	31.951	28.922	9.930	24.542	18.035	9.698	4.963	2.204
6070.4	58.619	39.021	25.625	14.976	33.109	29.875	10.368	25.505	18.781	10.124	5.137	2.321
6072.0	60.104	40.258	26.500	15.503	34.173	30.771	10.753	26.377	19.437	10.490	5.316	2.422
6073.6	61.500	41.356	27.215	15.905	35.067	31.543	11.045	27.138	19.981	10.782	5.533	2.501
6075.9	63.022	42.418	27.813	16.207	35.831	32.222	11.234	28.039	20.563	11.084	5.667	2.581
6077.5	63.981	42.997	28.177	16.388	36.308	32.613	11.336	28.612	20.922	11.267	5.752	2.627
6079.0	65.204	43.877	28.770	16.728	37.064	33.251	11.572	29.238	21.357	11.498	5.983	2.695
6080.6	66.672	45.065	29.615	17.250	38.093	34.095	11.932	30.062	21.981	11.843	6.098	2.777
6082.1	68.112	46.311	30.557	17.860	39.198	35.005	12.347	30.967	22.692	12.248	6.318	2.891
6083.6	69.574	47.624	31.582	18.557	40.382	35.997	12.820	31.972	23.499	12.722	6.539	3.024
6085.1	71.053	48.972	32.662	19.312	41.615	37.021	13.339	33.045	24.374	13.251	6.810	3.179
6086.6	72.533	50.344	33.790	20.109	42.873	38.085	13.887	34.163	25.295	13.817	7.117	3.344
6088.0	73;916	51.636	34.853	20.874	44.066	39.095	14.412	35.229	26.179	14.365	7.443	3.507
6089.5	75.402	53.028	36.010	21.703	45.345	40.183	14.980	36.378	27.134	14.958	7.827	3.690
6091.0	76.886	54.413	37.157	22.517	46.415	41.263	15.541	37.526	28.083	15.550	8.161	3.854
6092.4	78.269	55.698	38.214	23.263	47.799	42.263	16.050	39.582	28.967	16.089	8.446	4.013
6093.8	79.652	56.975	39.255	23.987	48.974	43.265	16.542	39.613	29.823	16.607	8.718	4.154
6095.2	81.027	58.234	40.265	24.673	50.125	44.231	17.023	40.609	30.637	17.095	9.022	4.308
6096.6	82.393	59.467	41.235	25.322	51.239	45.164	17.476	41.564	31.412	17.551	9.248	4.440
6098.0	83.749	60.665	42.163	25.923	52.315	46.053	17.894	42.468	32.135	17.968	9.519	4.552

Table 5-1 $\int_{\nu'}^{\nu} A(\nu)\,d\nu$ (cont'd.)

Samp. No.	13	14	15	16	17	18	19	20	21
P (atm)	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.97×10^{-2}	6.65×10^{-1}	6.65×10^{-1}
P_v (atm)	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.001×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}
u (atm cm) STP	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}
ν (cm^{-1})	ν'=5955 cm^{-1}	ν'=5955 cm^{-1}	ν'=5955 cm^{-1}	ν'=5965 cm^{-1}	ν'=5965 cm^{-1}	ν'=5965 cm^{-1}	ν' 6141.7 cm^{-1}	ν'=6021.9 cm^{-1}	ν'=6021.9 cm^{-1}
5955.0	0.	0.	0.	0.	0.	0.			
5959.6	0.	0.	0.	0.	0.	0.			
5965.0	0.009	0.001	0.	0.000	0.	0.			
5970.0	0.027	0.008	0.	0.000	0.002	0.			
5975.0	0.055	0.023	0.000	0.007	0.004	0.002			
5980.0	0.093	0.045	0.008	0.023	0.015	0.011			
5985.0	0.129	0.073	0.026	0.048	0.035	0.026			
5986.7	0.142	0.090	0.035	0.058	0.043	0.032			
5988.4	0.156	0.104	0.045	0.069	0.052	0.041			
5990.2	0.176	0.118	0.057	0.083	0.063	0.050			
5992.1	0.198	0.134	0.072	0.098	0.077	0.060			
5993.8	0.219	0.153	0.089	0.113	0.089	0.066			
5995.5	0.243	0.175	0.111	0.128	0.101	0.075			
5997.2	0.266	0.199	0.130	0.146	0.113	0.085			
5998.9	0.296	0.228	0.164	0.172	0.133	0.098			
6000.6	0.332	0.261	0.208	0.202	0.149	0.114			
6002.2	0.375	0.295	.251	0.233	0.174	0.133			
6003.9	0.421	0.337	.296	0.264	0.202	0.154			
6005.5	0.471	0.362	.342	0.288	0.225	0.170			
6007.2	0.520	0.437	.392	0.317	0.243	0.187			
6008.8	0.569	0.475	.423	0.345	0.273	0.205			
6010.4	0.616	0.521	.463	0.368	0.297	0.221			
6012.0	0.667	0.565	0.504	0.391	0.320	0.236			
6013.6	0.704	0.607	0.537	0.415	0.338	0.250			
6019.6	0.810	0.704	0.619	0.489	0.399	0.264			
6021.9	0.831	0.725	.631	0.520	0.418	0.298		0.	0.
6026.1	0.874	0.777	.679	0.569	0.462	0.310		0.	0.
6028.3	0.927	0.828	.730	0.601	0.492	0.324		0.000	0.000
6030.5	0.995	0.895	.788	0.643	0.530	0.342		0.001	0.000
6032.3	1.060	0.941	.844	0.681	0.563	0.364		0.002	0.001
6034.1	1.132	1.033	.912	0.716	0.602	.388		0.004	0.002
6036.1	1.226	1.127	0.958	0.753	0.645	.419		0.007	0.003
6038.0	1.315	1.215	1.068	0.791	0.689	.445		0.010	0.004
6039.8	1.408	1.304	1.147	0.833	0.735	0.476		0.014	0.005
6041.6	1.512	1.397	1.232	0.880	0.779	.511		0.019	0.008
6043.4	1.621	1.487	1.309	0.930	0.825	.545		0.025	0.012
6045.2	1.743	1.592	1.386	0.982	0.877	.583		0.031	0.018
6047.0	1.879	1.712	1.475	1.044	0.934	.626		0.039	0.027
6048.7	2.027	1.818	1.566	1.112	1.001	.669		0.052	0.037
6050.5	2.197	1.945	1.655	1.193	1.070	.713		0.071	0.051
6052.2	2.380	2.082	1.757	1.284	1.144	0.761		0.091	0.065
6053.9	2.584	2.224	1.867	1.386	1.221	.816		0.115	0.087
6055.6	2.805	2.381	1.965	1.498	1.307	.876		0.142	0.110
6057.3	3.049	2.543	2.098	1.618	1.400	0.934		0.171	0.138
6059.0	3.314	2.715	2.224	1.745	1.498	1.000		0.201	0.163
6060.7	3.591	[illegible]	2.350	1.875	1.600	1.064		0.232	0.199
6062.3	3.864	3.079	2.474	2.001	1.703	1.131		0.261	0.231
6064.0	4.162	3.270	2.609	2.138	1.805	1.194		0.291	0.263
6065.6	4.436	3.444	2.731	2.270	1.909	1.269		0.320	0.294
6067.2	4.706	3.635	2.864	2.402	2.009	1.323		0.352	0.324
6068.8	4.961	3.810	2.994	2.524	2.135	1.383		0.384	0.351
6070.4	5.192	3.970	3.107	2.622	2.193	1.439		0.414	0.373
6072.0	5.380	4.110	3.206	2.701	2.249	1.484		0.441	0.393
6073.6	5.523	4.216	3.282	2.758	2.325	1.522		0.459	[illegible]
6075.9	5.610	4.295	3.335	2.801	2.359	1.549		0.476	[illegible]
6077.5	5.649	4.333	3.392	2.828	2.399	1.569		0.486	[illegible]
6079.0	5.757	4.424	3.466	2.877	2.447	1.603		0.496	[illegible]
6080.6	5.925	4.555	3.567	2.955	2.520	1.644		0.511	0.422
6082.1	6.141	4.708	3.679	3.051	2.625	1.697		0.532	[illegible]
6083.6	6.400	4.873	3.800	3.163	2.754	1.754		0.566	[illegible]
6085.1	6.683	5.067	3.929	3.292	2.809	1.814		0.604	0.498
6086.6	6.983	5.263	4.083	3.433	2.921	1.884		0.645	0.532
6088.0	7.278	5.453	4.227	3.572	3.023	1.953		0.685	0.567
6089.5	7.591	5.654	4.370	3.718	3.140	2.022		0.727	0.605
6091.0	7.907	5.853	4.510	3.864	3.255	2.093		0.769	0.643
6092.4	8.200	6.049	4.644	3.998	3.364	2.159		0.808	0.678
6093.8	8.480	6.233	4.769	4.117	3.463	2.222		0.847	0.710
6095.2	8.745	6.414	4.893	4.234	3.569	[illegible]		0.882	0.740
6096.6	8.996	6.582	5.027	4.346	3.664	2.340		0.913	0.767
6098.0	9.229	6.744	5.148	4.444	3.751	2.396		0.939	0.791

Table 5-1 $\int_{\nu'}^{\nu} A(\nu)\,d\nu$ (cont'd)

Sam. No.	1	2	3	4	5	6	7	8	9	10	11	12
p(atm)	$2.50_0 \times 10^0$	$2.53_0 \times 10^0$	$2.53_0 \times 10^0$	$2.50_0 \times 10^0$	$2.00_0 \times 10^0$	$1.00_0 \times 10^0$	$1.00_0 \times 10^0$	$1.46_1 \times 10^1$	$1.00_1 \times 10^1$	$1.00_1 \times 10^1$	$1.00_1 \times 10^1$	$1.00_0 \times 10^0$
P_e(atm)	$3.29_0 \times 10^0$	$3.32_0 \times 10^0$	$3.32_0 \times 10^0$	$3.29_0 \times 10^0$	$2.62_0 \times 10^0$	$1.31_0 \times 10^0$	$1.31_0 \times 10^0$	$2.03_1 \times 10^1$	$1.36_1 \times 10^1$	$1.36_1 \times 10^1$	$1.36_1 \times 10^1$	$1.36_1 \times 10^1$
u(atm cm) STP	$2.17_5 \times 10^5$	$1.10_5 \times 10^5$	$5.57_4 \times 10^4$	$2.80_4 \times 10^4$	$5.71_4 \times 10^4$	$8.62_4 \times 10^4$	$2.19_4 \times 10^4$	$4.73_4 \times 10^4$	$3.16_4 \times 10^4$	$1.59_4 \times 10^4$	$7.93_3 \times 10^3$	$3.99_3 \times 10^3$
ν (cm^{-1})	ν'=5814 cm^{-1}	ν'=5905 cm^{-1}	ν' 5905 cm^{-1}	ν'=5905 cm^{-1}	ν' 5909.5 cm^{-1}	ν'=5909.5 cm^{-1}	ν'=5909.5 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}
6099.4	85.089	61.824	43.033	26.476	53.343	46.723	18.291	43.313	32.803	18.346	[illegible]	[illegible]
6100.8	86.406	62.947	43.843	26.978	54.338	47.754	18.645	44.093	33.413	18.684	9.970	4.756
6102.1	87.589	63.927	44.532	27.388	55.196	48.463	18.947	44.753	33.915	18.962	10.041	4.847
6103.4	88.740	64.844	45.159	27.754	55.985	49.144	19.212	45.349	34.364	19.206	10.163	4.912
6104.7	89.860	65.710	45.725	28.076	56.723	49.789	19.452	45.882	34.753	19.417	10.305	4.975
6106.0	90.928	66.511	46.231	28.352	57.400	50.381	19.653	46.353	35.104	19.596	10.400	5.025
6107.3	91.927	67.239	46.679	28.590	58.009	50.939	19.826	46.772	35.405	19.747	10.473	5.066
6108.6	92.862	67.888	47.071	28.795	58.551	51.433	19.972	47.141	35.665	19.878	10.567	5.107
6111.0	94.462	68.929	47.671	29.100	59.413	52.255	20.169	47.713	36.063	20.074	10.664	5.157
6112.2	95.163	69.374	47.920	29.225	59.779	52.599	20.274	47.954	36.230	20.152	10.729	5.175
6113.9	96.073	69.929	48.222	29.375	60.230	53.042	20.374	48.254	36.435	20.245	10.773	5.201
6115.7	96.920	70.429	48.490	29.507	60.634	53.447	20.462	48.525	36.615	20.328	10.842	5.224
6118.8	98.097	71.100	48.842	29.574	61.161	53.995	20.565	48.906	36.853	20.440	10.874	5.252
6120.7	98.667	71.412	49.008	29.745	61.407	54.240	20.593	49.102	36.975	20.496	10.912	5.258
6122.6	99.229	71.719	49.172	29.811	61.657	54.486	20.629	49.282	37.082	20.551	10.944	5.271
6124.1	99.690	71.969	49.308	29.872	61.864	54.691	20.655	49.425	37.167	20.593	10.981	5.284
6125.6	100.152	72.221	49.442	29.935	62.072	54.894	20.682	49.569	37.254	20.635	10.987	5.291
6127.1	100.616	72.476	49.573	29.998	62.277	55.094	20.707	49.718	37.341	20.675	10.994	5.299
6128.5	101.063	72.722	49.711	30.069	62.467	55.282	20.733	49.863	37.423	20.717	10.999	5.306
6129.9	101.577	73.005	49.864	30.133	62.684	55.499	20.769	50.021	37.525	20.763	11.007	5.317
6131.3	102.160	73.338	50.047	30.221	62.942	55.758	20.819	50.196	37.637	20.816	11.029	5.327
6132.6	102.763	73.684	50.240	30.315	63.214	56.013	20.875	50.375	37.753	20.872	11.045	5.330
6133.7	103.305	74.001	50.417	30.402	63.465	56.255	20.926	50.539	37.861	20.923	11.069	5.346
6135.3	104.136	74.498	50.693	30.540	63.864	56.673	21.012	50.791	38.029	21.007	11.116	5.357
6137.9	105.555	75.355	51.170	30.778	64.571	57.361	21.166	51.229	38.319	21.150	11.142	5.382
6141.7	107.672	76.635	51.885	31.134	65.633	58.385	21.404	51.889	38.760	21.361	11.241	5.429
6143.8	108.814	77.321	52.271	31.324	66.197	58.942	21.527	52.247	39.002	21.477	11.304	5.459
6146.0	109.966	78.011	52.657	31.506	66.757	59.523	21.649	52.611	39.243	21.593	11.366	5.494
6148.0	110.979	78.612	52.994	31.669	67.249	59.965	21.751	52.930	39.463	21.693	11.422	5.521
6150.0	111.972	79.196	53.325	31.824	67.727	60.465	21.851	53.243	39.683	21.793	11.476	5.565
6155.0	114.589	80.752	54.192	32.243	69.013	61.733	22.124	54.085	40.249	22.057	11.590	5.612
6157.1	115.807	81.510	54.623	32.461	69.634	62.350	22.271	54.511	40.533	22.196	11.609	5.641
6159.1	117.021	82.293	55.085	32.702	70.292	62.961	22.438	54.974	40.857	22.355	11.748	5.673
6161.3	118.464	83.249	55.663	33.007	71.099	63.673	22.649	55.558	41.253	22.562	11.842	5.721
6163.5	120.051	84.349	56.333	33.377	72.339	64.503	22.899	56.225	41.723	22.808	11.936	5.772
6165.7	121.753	85.565	57.097	33.806	73.077	65.453	23.194	56.985	42.259	23.089	12.060	5.845
6168.0	123.609	86.941	57.999	34.329	74.239	66.525	23.569	57.888	42.902	23.433	12.220	5.937
6169.2	124.630	87.733	58.530	34.629	74.947	67.139	23.787	58.411	43.284	23.639	12.332	5.991
6171.2	126.361	89.114	59.485	35.216	76.127	68.221	24.219	59.367	43.985	24.020	12.507	6.091
6174.8	129.740	91.932	61.487	36.463	78.591	70.499	25.151	61.347	45.477	24.852	12.900	6.311
6177.0	131.852	93.779	62.870	37.357	80.233	71.993	25.815	62.742	46.562	25.479	13.202	6.490
6178.7	133.512	95.279	64.065	38.173	81.599	73.252	26.467	63.913	47.500	26.039	13.543	6.647
6180.9	135.678	97.288	65.685	39.313	83.451	74.929	27.314	65.542	48.824	26.848	14.009	6.853
6183.6	138.364	99.873	67.863	40.885	85.911	77.229	28.536	67.686	50.603	27.976	14.602	7.216
6185.8	140.564	101.993	69.695	42.244	87.930	79.094	29.536	69.532	52.184	29.006	15.203	7.550
6187.9	142.664	104.028	71.494	43.626	89.885	80.955	30.618	71.362	53.777	30.074	15.865	7.872
6190.1	144.864	106.174	73.412	45.122	91.960	82.893	31.730	73.340	55.527	31.285	16.603	8.238
6192.2	146.964	108.228	75.267	46.590	93.941	84.764	32.803	75.281	57.275	32.533	17.302	8.705
6194.2	148.964	110.185	77.045	48.024	95.828	86.521	33.831	77.170	59.011	33.819	18.203	9.155
6196.3	151.064	112.249	78.943	49.606	97.828	88.357	34.937	79.195	60.913	35.293	19.109	9.729
6198.4	153.164	114.328	80.907	51.285	99.861	90.224	36.109	81.251	62.885	36.906	20.203	10.372
6200.4	155.164	116.320	82.833	53.021	101.832	92.123	37.408	83.227	64.815	38.568	21.403	11.135
6202.4	157.164	118.320	84.810	54.853	103.816	94.071	38.841	85.213	66.775	40.332	22.653	11.956
6204.4	159.164	120.320	86.795	56.746	105.804	96.038	40.384	87.205	68.753	42.172	24.247	12.929
6206.3	161.064	122.220	88.688	58.587	107.700	97.928	41.964	89.104	70.640	43.966	25.776	13.929
6208.2	162.964	124.120	90.587	60.440	109.600	99.814	43.546	91.004	72.533	45.791	27.261	15.014
6210.0	164.764	125.920	92.387	62.211	111.400	101.613	45.122	92.804	74.333	47.535	28.754	16.133
6211.9	166.664	127.820	94.287	64.086	113.300	103.513	46.783	94.704	76.233	49.388	31.406	17.355
6213.7	168.464	129.620	96.087	65.864	115.100	105.313	48.363	96.504	78.033	51.149	33.944	18.465
6215.5	170.264	131.420	97.887	67.646	116.900	107.113	49.963	98.304	79.833	52.913	33.570	19.637
6217.2	171.964	133.120	99.587	69.329	118.600	108.813	51.463	100.004	81.533	54.579	35.076	20.745
6218.9	173.664	134.820	101.287	71.013	120.300	110.513	52.972	101.704	83.233	56.244	36.554	21.900
6220.6	175.354	136.520	102.987	72.690	122.000	112.213	54.441	103.404	84.939	57.903	37.948	22.422
6222.3	177.064	138.220	104.687	74.354	123.700	113.905	55.864	105.104	86.639	59.537	39.350	23.756
6223.9	178.664	139.820	106.282	75.868	125.300	115.491	57.135	106.704	88.235	61.025	40.445	24.503
6225.5	180.264	141.420	107.862	77.351	126.899	117.091	58.283	108.303	89.811	62.426	41.703	25.174
6227.9	182.664	143.768	110.014	79.083	129.178	119.123	59.414	110.687	92.076	64.261	42.734	25.903
6229.4	183.764	144.873	111.051	79.942	130.257	120.123	60.059	111.774	93.095	65.075	43.188	26.221
6230.9	185.664	146.754	112.833	81.508	132.093	121.837	61.252	113.656	94.905	66.605	44.382	26.836
6232.4	187.164	148.254	114.327	82.943	133.592	123.335	62.454	115.147	96.383	67.974	45.467	27.536
6233.9	188.664	149.754	115.822	84.417	135.092	124.795	63.752	116.643	97.875	69.410	46.505	28.452
6235.3	190.064	151.154	117.222	85.804	136.492	126.195	65.017	118.042	99.273	70.777	47.901	29.549
6236.7	191.464	152.554	118.622	87.196	137.892	127.595	66.308	119.442	100.673	72.156	49.163	30.316
6238.1	192.864	153.954	120.022	88.596	139.292	128.995	67.615	120.842	102.073	73.539	50.452	31.329
6239.4	194.164	155.254	121.322	89.896	140.592	130.295	68.839	122.142	103.373	74.826	51.653	32.276
6240.7	195.464	156.554	122.622	91.196	141.892	131.595	70.067	123.442	104.673	76.114	52.608	33.275
6242.0	196.764	157.854	123.922	92.496	143.192	132.895	71.298	124.742	105.973	77.402	54.005	34.233
6243.3	198.064	159.154	125.222	93.796	144.492	134.195	72.520	126.042	107.273	78.691	55.313	35.236
6244.5	199.264	160.354	126.422	94.996	145.692	135.395	73.646	127.242	108.473	79.880	56.405	36.133
6245.7	200.464	161.554	127.622	96.196	146.892	136.595	74.764	128.442	109.673	81.069	57.521	36.930
6246.9	201.664	162.754	128.822	97.396	148.192	137.795	75.859	129.642	110.873	82.256	58.542	37.735
6248.0	202.764	163.854	129.922	98.493	149.192	138.895	76.859	130.742	111.973	83.339	59.504	38.457
6249.1	203.864	164.954	131.022	99.586	150.292	139.995	77.827	131.842	113.073	84.407	60.403	39.130
6250.2	204.964	166.054	132.122	100.672	151.392	141.045	78.764	132.942	114.173	85.452	61.309	39.690
6251.3	206.064	167.154	133.221	101.746	152.492	142.194	79.672	134.048	115.263	86.463	62.005	40.218
6253.0	207.764	168.854	134.910	103.352	154.190	143.872	80.952	135.730	116.925	87.916	63.153	40.851
6254.0	208.764	169.854	135.893	104.247	155.186	144.841	81.640	136.717	117.869	88.882	63.600	41.153
6256.0	210.764	171.838	137.772	105.847	157.153	146.720	82.637	138.612	119.585	89.942	64.401	41.597
6258.0	212.751	173.739	139.405	107.030	159.019	148.425	83.734	140.274	120.951	90.821	64.905	41.851
6260.0	214.680	175.372	140.624	107.960	160.589	149.859	84.313	141.607	121.925	91.384	65.203	42.017
6262.0	216.390	176.577	141.425	108.382	161.729	150.958	84.649	142.574	122.569	91.738	65.416	42.101
6264.0	217.746	177.401	141.925	108.664	162.481	151.695	84.836	143.256	122.983	91.969	65.501	42.149
6266.0	218.801	177.994	142.272	108.846	163.000	152.193	84.954	143.770	123.293	92.114	65.594	42.181
6268.0	219.666	178.468	142.537	108.986	163.401	152.587	85.032	144.183	123.529	92.231	65.648	42.205
6270.0	220.397	178.858	142.755	109.100	163.731	152.913	85.101	144.529	123.727	92.326	65.690	42.221
6273.0	221.299	179.331	143.013	109.237	164.133	153.275	85.159	144.967	123.977	92.441	65.719	42.232
6275.3	221.904	179.644	143.181	109.319	164.404	153.513	85.186	145.261	124.149	92.518	65.759	42.241
6277.4	222.428	179.912	143.325	109.390	164.645	153.723	85.203	145.514	124.294	92.579	65.772	42.247
6279.7	222.985	180.205	143.481	109.404	164.894	153.949	85.247	145.783	124.449	92.645	65.818	42.252
6281.8	223.529	180.491	143.631	109.534	165.131	154.169	85.274	146.026	124.595	92.716	65.833	42.251

Table 5-1 $\int_{\nu'}^{\nu} A(\nu)\,d\nu$ (cont'd.)

Sam. No.	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
p(atm)	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}	2.34×10^{-2}	2.34×10^{-2}	2.34×10^{-2}	2.17×10^{-1}	2.17×10^{-1}	2.17×10^{-1}
P_e(atm)	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.00×10^{0}	3.03×10^{-1}	1.00×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}	3.00×10^{-1}	1.02×10^{-1}	3.04×10^{-2}	1.30×10^{1}	1.00×10^{0}	2.33×10^{-1}
u(atm cm) STP	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	3.30×10^{2}	3.30×10^{2}	3.30×10^{2}
ν (cm^{-1})	ν'=5955 cm^{-1}	ν'=5955 cm^{-1}	ν'=5955 cm^{-1}	ν'=5965 cm^{-1}	ν'=5965 cm^{-1}	ν'=5965 cm^{-1}	ν'=6141.7 cm^{-1}	ν'=6021.9 cm^{-1}	ν'=6021.9 cm^{-1}	ν'=6141.7 cm^{-1}	ν'=6141.7 cm^{-1}	ν'=6141.7 cm^{-1}	ν'=6155 cm^{-1}	ν'=6155 cm^{-1}	ν'=6155 cm^{-1}
5099.4	9.445	6.843	5.254	4.532	3.823	2.445		0.963	0.810						
5100.8	9.644	7.035	5.358	4.611	3.902	2.492		0.977	0.825						
5102.1	9.808	7.154	5.441	4.674	3.964	2.531		0.989	0.837						
5103.4	9.953	7.259	5.522	4.728	4.013	2.564		0.999	0.847						
5104.7	10.076	7.353	5.597	4.773	4.065	2.594		1.007	0.855						
5106.0	10.185	7.441	5.677	4.811	4.109	2.623		1.015	0.863						
5107.3	10.280	7.522	5.738	4.846	4.149	2.648		1.021	0.869						
5108.6	10.360	7.590	5.784	4.877	4.195	2.671		1.026	0.874						
5111.0	10.475	7.655	5.851	4.922	4.230	2.702		1.033	0.880						
5112.2	10.523	7.725	5.894	4.942	4.252	2.716		1.036	0.881						
5113.9	10.579	7.772	5.934	4.961	4.279	2.733		1.037	0.881						
5115.7	10.628	7.803	5.973	4.980	4.302	2.751		1.037	0.881						
5118.5	10.686	7.843	5.997	5.003	4.325	2.762		1.037	0.881						
5120.7	10.708	7.853	6.001	5.015	4.339	2.769		1.037	0.881						
5122.6	10.732	7.870	6.001	5.021	4.351	2.778		1.037	0.881						
5124.1	10.752	7.882	6.001	5.032	4.360	2.786		1.037	0.881						
5125.6	10.771	7.893	6.001	5.041	4.369	2.792		1.037	0.881						
5127.1	10.793	7.905	6.001	5.050	4.378	2.797		1.037	0.881						
5128.5	10.813	7.915	6.001	5.059	4.385	2.801		1.037	0.881						
5129.9	10.837	7.931	6.005	5.070	4.395	2.807		1.037	0.881						
5131.3	10.879	7.949	6.026	5.082	4.403	2.816		1.037	0.881						
5132.6	10.905	7.970	6.046	5.096	4.415	2.826		1.037	0.881						
5133.7	10.938	7.990	6.075	5.108	4.424	2.836		1.037	0.881						
5135.3	10.991	8.023	6.097	5.124	4.439	2.851		1.037	0.881						
5137.9	11.083	8.084	6.152	5.157	4.469	2.875		1.037	0.881						
5141.7	11.223	8.193	6.230	5.205	4.513	2.910	0.	1.037	0.881	0.	0.	0.			
5143.8	11.291	8.235	6.280	5.230	4.540	2.931	0.001	1.037	0.881	0.	0.	0.			
5146.0	11.360	8.267	6.335	5.256	4.563	2.949	0.005	1.037	0.881	0.	0.	0.			
5148.0	11.420	8.331	6.374	5.282	4.582	2.965	0.012	1.037	0.881	0.000	0.	0.			
5150.0	11.478	8.373	6.413	5.308	4.601	2.982	0.020	1.037	0.881	0.001	0.	0.			
5155.0	11.635	8.485	6.517	5.363	4.654	3.026	0.042	1.037	0.881	0.011	0.	0.	0.	0.	0.
5157.1	11.720	8.550	6.569	5.394	4.683	3.044	0.055	1.037	0.883	0.017	0.	0.	0.	0.	0.
5159.1	11.815	8.627	6.630	5.433	4.712	3.066	0.071	1.037	0.884	0.025	0.004	0.002	0.000	0.	0.
5161.5	11.927	8.693	6.706	5.474	4.749	3.097	0.092	1.037	0.887	0.038	0.008	0.009	0.002	0.	0.
5163.5	12.065	8.794	6.793	5.522	4.795	3.133	0.118	1.038	0.889	0.048	0.013	0.016	0.007	0.	0.
5165.7	12.227	8.914	6.899	5.577	4.849	3.179	0.152	1.040	0.891	0.064	0.019	0.025	0.016	0.000	0.
5168.0	12.417	9.054	7.032	5.645	4.911	3.230	0.183	1.042	0.897	0.081	0.027	0.036	0.029	0.001	0.000
5169.2	12.558	9.170	7.120	5.690	4.959	3.268	0.222	1.046	0.901	0.097	0.035	0.046	0.037	0.002	0.001
5171.2	12.779	9.341	7.264	5.769	5.034	3.321	0.267	1.059	0.913	0.123	0.051	0.062	0.053	0.005	0.003
5174.8	13.246	9.687	7.555	5.935	5.192	3.434	0.365	1.102	0.944	0.175	0.085	0.096	0.088	0.012	0.006
5177.0	13.590	9.949	7.771	6.068	5.313	3.532	0.442	1.139	0.971	0.216	0.117	0.123	0.108	0.017	0.008
5178.7	13.935	10.215	7.980	6.202	5.434	3.623	0.518	1.164	1.002	0.259	0.151	0.153	0.121	0.022	0.012
5180.9	14.398	10.553	8.267	6.393	5.597	3.745	0.624	1.289	1.047	0.315	0.197	0.193	0.136	0.031	0.015
5183.6	15.075	11.050	8.667	6.669	5.823	3.913	0.771	1.272	1.117	0.394	0.262	0.251	0.157	0.043	0.023
5185.8	15.654	11.445	8.985	6.918	6.029	4.058	0.849	1.342	1.184	0.466	0.323	0.297	0.188	0.067	0.033
5187.9	16.298	11.911	9.353	7.183	6.247	4.220	1.033	1.420	1.261	0.546	0.390	0.353	0.226	0.091	0.046
5190.1	16.965	12.381	9.736	7.479	6.484	4.384	1.173	1.512	1.349	0.635	0.459	0.407	0.268	0.119	0.064
5192.2	17.614	12.839	10.097	7.777	6.713	4.540	1.301	1.611	1.443	0.724	0.527	0.459	0.315	0.145	0.087
5194.2	18.268	13.267	10.424	8.092	6.942	4.685	1.412	1.719	1.545	0.819	0.593	0.505	0.362	0.180	0.113
5196.3	18.962	13.693	10.765	8.462	7.172	4.834	1.524	1.852	1.665	0.922	0.662	0.550	0.414	0.221	0.143
5198.4	19.686	14.132	11.111	8.862	7.420	4.993	1.549	2.019	1.805	1.036	0.737	0.594	0.476	0.272	0.181
5200.4	20.505	14.654	11.517	9.331	7.714	5.180	1.740	2.217	1.979	1.176	0.831	0.649	0.542	0.337	0.226
5202.4	21.441	15.235	11.967	9.846	8.039	5.394	1.945	2.457	2.183	1.338	0.939	0.719	0.627	0.417	0.284
5204.4	22.464	15.917	12.501	10.426	8.411	5.642	2.135	2.739	2.419	1.524	1.063	0.800	0.734	0.510	0.354
5206.3	23.553	16.650	13.072	11.045	8.824	5.907	2.332	3.048	2.677	1.721	1.194	0.985	0.848	0.615	0.430
5208.2	24.654	17.364	13.617	11.694	9.239	6.163	2.513	3.398	2.951	1.922	1.325	0.972	0.973	0.727	0.516
5210.0	25.761	18.115	14.235	12.354	9.667	6.446	2.750	3.762	3.243	2.141	1.471	1.068	1.105	0.850	0.611
5211.9	26.986	18.971	14.853	13.082	10.159	6.759	2.948	4.178	3.567	2.373	1.625	1.167	1.250	0.985	0.714
5213.7	28.119	19.791	15.433	13.760	10.593	7.045	3.211	4.588	3.882	2.599	1.774	1.264	1.392	1.113	0.815
5215.5	29.301	20.504	16.057	14.472	11.061	7.341	3.419	5.000	4.203	2.831	1.930	1.362	1.541	1.250	0.918
5217.2	30.386	21.265	16.617	15.133	11.480	7.605	3.643	5.383	4.505	3.048	2.069	1.453	1.681	1.374	1.014
5218.9	31.498	21.965	17.195	15.787	11.912	7.876	3.853	5.751	4.794	3.265	2.205	1.545	1.813	1.493	1.108
5220.6	32.540	22.645	17.718	16.411	12.303	8.119	4.043	6.089	5.069	3.462	2.331	1.624	1.931	1.603	1.197
5222.3	33.552	23.305	18.217	16.995	12.677	8.353	4.225	6.381	5.315	3.648	2.447	1.696	2.031	1.702	1.279
5223.9	34.403	23.851	18.659	17.482	12.984	8.539	4.366	6.607	5.514	3.804	2.547	1.755	2.111	1.779	1.343
5225.5	35.158	24.324	18.954	17.871	13.255	8.703	4.491	6.776	5.662	3.932	2.629	1.811	2.174	1.835	1.392
6227.9	35.827	24.754	19.279	18.161	13.469	8.845	4.607	6.941	5.757	4.028	2.697	1.855	2.235	1.873	1.425
6229.4	36.201	25.008	19.462	18.320	13.595	8.927	4.667	7.006	5.803	4.072	2.736	1.880	2.257	1.881	1.434
5230.9	36.932	25.412	19.796	18.691	13.823	9.061	4.771	7.164	5.929	4.177	2.814	1.919	2.308	1.921	1.468
5232.4	37.749	25.913	20.171	19.152	14.117	9.229	4.894	7.365	6.111	4.319	2.905	1.969	2.377	1.985	1.523
5233.9	38.674	26.480	20.599	19.695	14.450	9.427	5.040	7.631	6.344	4.485	3.011	2.028	2.471	2.073	1.595
5235.3	39.605	27.053	21.032	20.259	14.791	9.629	5.184	7.934	6.599	4.662	3.123	2.090	2.580	2.173	1.675
5236.7	40.571	27.665	21.489	20.860	15.154	9.847	5.341	8.284	6.873	4.850	3.241	2.160	2.706	2.289	1.765
5238.1	41.572	28.297	21.960	21.492	15.535	10.070	5.503	8.666	7.173	5.051	3.361	2.232	2.846	2.413	1.862
5239.4	42.510	28.889	22.395	22.093	15.897	10.279	5.653	9.044	7.469	5.247	3.475	2.290	2.984	2.543	1.955
5240.7	43.460	29.493	22.854	22.700	16.264	10.493	5.869	9.431	7.764	5.442	3.594	2.367	3.125	2.672	2.053
5242.0	44.412	30.105	23.298	23.314	16.629	10.708	5.965	9.822	8.060	5.637	3.710	2.432	3.265	2.831	2.152
5243.3	45.358	30.704	23.744	23.921	16.994	10.919	6.121	10.208	8.352	5.831	3.825	2.498	3.409	2.923	2.251
5244.5	46.226	31.255	24.154	24.475	17.323	11.115	6.263	10.550	8.615	6.013	3.934	2.559	3.533	3.041	2.338
5245.7	47.081	31.793	24.560	25.014	17.650	11.307	6.451	10.672	8.869	6.190	4.041	2.621	3.651	3.149	2.424
5246.9	47.913	32.327	24.952	25.532	17.963	11.496	6.539	11.170	9.107	6.361	4.143	2.684	3.758	3.251	2.505
5248.0	48.646	32.795	25.295	25.984	18.247	11.662	6.643	11.419	9.311	6.510	4.234	2.737	3.845	3.335	2.576
5249.1	49.347	33.223	25.609	26.406	18.507	11.811	6.774	11.640	9.497	6.648	4.315	2.786	3.921	3.413	2.639
5250.2	50.021	33.645	25.924	26.803	18.757	11.958	6.840	11.833	9.664	6.777	4.395	2.834	3.987	3.481	2.697
5251.3	50.653	34.042	26.217	27.163	18.990	12.095	6.981	11.993	9.809	6.898	4.472	2.879	4.044	3.539	2.748
5253.0	51.503	34.575	26.605	27.624	19.309	12.283	7.123	12.186	9.991	7.038	4.575	2.945	4.109	3.609	2.814
5254.0	51.943	34.855	26.812	27.844	19.467	12.381	7.198	12.272	10.073	7.110	4.625	2.978	4.138	3.642	2.843
5256.0	52.643	35.325	27.154	28.169	19.724	12.549	7.331	12.396	10.190	7.218	4.712	3.031	4.180	3.685	2.865
5258.0	53.112	35.680	27.434	28.360	19.899	12.676	7.435	12.469	10.253	7.284	4.767	3.066	4.204	3.709	2.910
5260.0	53.388	35.922	27.631	28.468	20.005	12.765	7.506	12.512	10.284	7.320	4.799	3.089	4.215	3.721	2.919
5262.0	53.545	36.067	27.751	28.530	20.065	12.818	7.540	12.533	10.293	7.348	4.817	3.100	4.220	3.725	2.920
5264.0	53.636	36.145	27.815	28.562	20.093	12.846	7.568	12.537	10.304	7.352	4.825	3.100	4.222	3.727	2.920
5266.0	53.693	36.191	27.855	28.583	20.119	12.864	7.579	12.539	10.305	7.357	4.825	3.100	4.223	3.727	2.920
5268.0	53.738	36.222	27.880	28.603	20.137	12.874	7.585	12.540	10.305	7.357	4.825	3.100	4.223	3.727	2.920
5270.0	53.773	36.245	27.900	28.615	20.149	12.884	7.585	12.541	10.305	7.357	4.825	3.100	4.223	3.727	2.920
5273.0	53.821	36.269	27.927	28.634	20.163	12.888	7.585	12.542	10.305	7.357	4.825	3.100	4.223	3.727	2.920
5275.3	53.850	36.283	27.931	28.649	20.173	12.888	7.585	12.542	10.305	7.357	4.825	3.100	4.223	3.727	2.920
5277.4	53.878	36.297	27.934	28.656	20.192	12.888	7.585	12.542	10.305	7.357	4.825	3.100	4.223	3.727	2.920
5279.7	53.907	36.310	27.945	28.667	20.193	12.888	7.585	12.542	10.305	7.357	4.825	3.100	4.223	3.727	2.920
5281.8	53.939	36.320	27.950	28.678	20.203	12.894	7.585	12.542	10.305	7.357	4.825	3.100	4.223	3.727	2.920

Table 5-1 $\int_{\nu'}^{\nu} A(\nu)\,d\nu$ (cont'd)

Sam. No.	1	2	3	4	5	6	7		9	10	11	--
p(atm)	$2.50_0 \times 10^0$	$2.53_0 \times 10^0$	$2.53_0 \times 10^0$	$2.50_0 \times 10^0$	$2.00_0 \times 10^0$	$1.00_0 \times 10^0$	$1.00_0 \times 10^0$	$1.46_1 \times 10^1$	$1.00_1 \times 10^1$	$1.00_1 \times 10^1$	$1.00_1 \times 10^1$	$1.00_0 \times 10^0$
P_e(atm)	$3.29_0 \times 10^0$	$3.32_0 \times 10^0$	$3.32_0 \times 10^0$	$3.29_0 \times 10^0$	$2.62_0 \times 10^0$	$1.31_0 \times 10^0$	$1.31_0 \times 10^0$	$2.03_1 \times 10^1$	$1.36_1 \times 10^1$	$1.36_1 \times 10^1$	$1.36_1 \times 10^1$	$1.36_1 \times 10^1$
u(atm cm) STP	$2.17_5 \times 10^5$	$1.10_5 \times 10^5$	$5.57_4 \times 10^4$	$[illegible].50_4 \times 10^4$	$[illegible].71_4 \times 10^4$	$5.62_4 \times 10^4$	$2.1[illegible] \times 10^4$	$4.73_4 \times 10^4$	$3.16_4 \times 10^4$	$1.59_4 \times 10^4$	$7.93_3 \times 10^3$	$3.99_3 \times 10^3$
ν (cm^{-1})	ν'=5814 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5909.5 cm^{-1}	ν'=5909.5 cm^{-1}	ν'=5909.5 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}
6284.1	224.175	180.837	143.813	109.631	165.405	154.419	85.314	146.305	124.762	92.777	[illegible]	42.225
6287.5	225.249	181.449	144.124	109.792	165.894	154.564	85.385	146.758	125.033	92.894	65.789	42.279
6289.6	226.068	181.912	144.374	109.923	166.268	155.214	85.456	147.082	125.237	92.984	65.948	42.294
6291.8	227.007	182.486	144.692	110.062	166.732	155.523	85.560	147.476	125.487	93.101	66.011	42.311
6294.1	228.127	183.209	145.103	110.247	167.297	156.115	85.719	147.965	125.801	93.253	66.091	42.325
6296.4	229.460	184.106	145.621	110.579	168.040	156.735	85.914	148.545	126.193	93.447	66.159	42.351
6298.7	230.948	185.156	146.259	110.937	168.913	157.463	86.153	149.260	126.680	93.693	66.296	42.404
6301.0	232.550	186.353	147.031	111.396	169.907	158.220	86.442	150.137	127.304	94.013	66.444	42.485
6303.2	234.266	187.699	147.959	111.959	171.023	159.112	86.815	151.144	128.052	94.407	66.608	42.596
6305.4	236.134	189.227	149.043	112.661	172.339	160.128	87.275	152.357	128.987	94.919	66.913	42.725
6307.6	238.108	190.901	150.288	113.510	173.765	161.244	87.815	153.795	130.131	95.584	67.233	42.917
6309.8	240.178	192.741	151.715	114.533	175.368	162.525	88.476	155.444	131.494	96.423	67.758	43.155
6311.9	242.216	194.636	153.261	115.701	177.075	163.915	89.234	157.193	133.009	97.406	68.316	43.459
6314.0	244.293	196.626	154.972	117.031	178.918	165.497	90.124	159.076	134.701	98.584	69.036	43.844
6316.1	246.392	198.673	156.813	118.525	180.860	167.211	91.143	161.056	136.535	99.949	69.927	44.335
6317.1	247.392	199.659	157.719	119.304	181.801	168.061	91.736	162.024	137.443	100.660	70.396	44.617
6320.2	250.492	202.734	160.664	121.843	184.827	170.985	93.535	165.063	140.387	103.087	72.074	45.639
6322.2	252.492	204.728	162.613	123.615	186.805	172.811	94.857	167.046	142.335	104.793	73.325	46.590
6324.1	254.392	206.626	164.493	125.367	188.697	174.613	96.215	168.937	144.204	106.469	74.634	47.214
6326.1	256.392	208.626	166.487	127.254	190.697	176.524	97.745	170.937	146.185	108.335	76.043	48.185
6328.0	258.292	210.526	168.383	129.061	192.597	178.502	99.256	172.837	148.075	110.129	77.569	49.197
6329.9	260.192	212.426	170.283	130.930	194.497	180.349	100.814	174.737	149.975	111.951	79.112	50.275
6331.7	261.992	214.226	172.083	132.693	196.297	182.179	102.319	176.537	151.775	113.697	80.615	51.357
6333.5	263.792	216.026	173.883	134.463	198.097	183.979	103.856	178.337	153.575	115.452	82.152	52.476
6335.3	265.592	217.826	175.683	136.238	199.897	185.779	105.393	180.137	155.375	117.212	83.710	53.529
6337.1	267.392	219.626	177.483	138.016	201.697	187.579	106.951	181.937	157.175	118.976	85.276	54.734
6338.8	269.092	221.326	179.183	139.694	203.397	189.279	108.418	183.637	158.875	120.643	86.712	55.865
6340.5	270.792	223.026	180.883	141.372	205.097	190.973	109.660	185.337	160.575	122.307	88.149	56.914
6342.2	272.492	224.726	182.583	143.045	206.797	192.670	111.362	187.037	162.275	123.955	89.594	57.835
6343.8	274.092	226.326	184.183	144.615	208.397	194.260	112.654	188.637	163.873	125.470	90.872	58.728
6345.4	275.692	227.926	185.781	146.126	209.997	195.847	113.914	190.237	165.461	126.914	92.276	59.444
6347.8	278.092	230.317	188.091	148.117	212.363	198.142	115.355	192.631	167.782	128.875	93.365	60.237
6349.3	279.592	231.807	189.519	149.316	213.833	199.542	116.341	194.122	169.210	130.052	94.102	60.776
6350.9	281.192	233.405	191.095	150.794	215.428	201.091	117.561	195.714	170.764	131.420	95.156	61.490
6352.4	282.692	234.905	192.593	152.249	216.928	202.544	118.830	197.213	172.243	132.807	96.251	62.126
6353.8	284.092	236.305	193.993	153.620	218.328	203.946	[illegible]	198.613	173.642	134.155	97.443	62.921
6355.2	285.492	237.705	195.393	155.015	219.728	205.365	121.346	200.013	175.040	135.524	98.645	63.817
6356.6	286.892	239.105	196.793	156.402	221.128	206.765	122.547	201.413	176.440	136.905	99.842	64.714
6357.9	288.192	240.405	198.093	157.696	222.428	208.065	123.858	202.713	177.740	138.193	101.054	65.735
6359.3	289.592	241.805	199.493	159.093	223.828	209.465	125.201	204.113	179.140	139.581	102.405	66.749
6360.6	290.892	243.105	200.793	160.391	225.128	210.765	126.444	205.413	180.440	140.872	103.661	67.749
6361.9	292.192	244.405	202.093	161.690	226.428	212.065	127.592	206.713	181.740	142.164	104.869	68.738
6363.1	293.392	245.605	203.293	162.889	227.628	213.265	128.844	207.913	182.940	143.357	105.993	69.714
6364.3	294.592	246.805	204.493	164.087	228.828	214.465	129.999	209.113	184.140	144.550	107.143	70.625
6365.6	295.892	248.105	205.793	165.386	230.128	215.765	131.215	210.413	185.440	145.842	108.353	71.539
6366.7	296.992	249.205	206.893	166.485	231.228	216.865	132.275	211.513	186.540	146.935	109.369	72.374
6367.8	298.092	250.305	207.993	167.584	232.328	217.965	133.307	212.613	187.640	148.022	110.350	73.121
6369.2	299.492	251.705	209.393	168.980	233.728	219.364	134.717	214.013	189.040	149.391	111.560	74.017
6370.7	300.992	253.205	210.893	170.466	235.228	220.853	135.95	215.513	190.539	150.828	112.716	74.857
6371.5	301.792	254.005	211.692	171.248	236.024	221.654	136.626	216.313	191.337	151.569	113.315	75.259
6373.0	303.292	255.505	213.191	172.583	237.528	223.133	137.824	217.809	192.815	152.891	114.300	75.910
6374.2	304.492	256.705	214.385	173.792	238.727	224.325	138.763	219.001	193.970	153.858	114.965	76.338
6376.0	306.292	258.498	216.139	175.292	240.512	226.081	139.544	220.757	195.603	155.109	115.805	76.835
6378.0	308.292	260.461	217.945	176.676	242.443	227.901	141.030	222.579	197.173	156.182	116.455	77.217
6380.0	310.272	262.288	219.475	177.672	244.208	229.590	141.802	224.140	198.393	156.916	116.869	77.447
6382.0	312.163	263.807	220.544	178.321	245.604	230.957	142.288	225.344	199.229	157.383	117.119	77.547
6384.0	313.788	264.909	221.312	178.706	246.567	231.927	142.573	226.194	199.771	157.670	117.222	77.673
6386.0	315.039	265.629	221.749	178.954	247.181	232.541	142.734	226.780	200.115	157.846	117.366	77.729
6388.0	315.874	266.068	222.025	179.066	247.564	232.940	142.816	227.173	200.331	157.957	117.424	77.749
6390.0	316.391	266.328	222.182	179.140	247.801	233.152	142.855	227.453	200.474	158.028	117.461	77.758
6392.0	316.704	266.476	222.264	179.181	247.945	233.272	142.876	227.661	200.573	158.078	117.497	77.781
6394.0	316.898	266.564	222.327	179.205	248.040	233.329	142.865	227.822	200.652	158.111	117.514	77.790
6396.0	317.027	266.622	222.360	179.217	248.108	233.344	142.889	227.951	200.712	158.137	117.527	77.795
6398.0	317.121	266.669	222.385	179.226	248.154	233.363	142.898	228.063	200.763	158.159	117.537	77.798
6400.0	317.206	266.713	222.408	179.233	248.195	233.389	142.902	228.164	200.803	158.174	117.535	77.798
6402.0	317.309	266.766	222.434	179.239	248.241	233.411	142.907	228.259	200.843	158.189	117.539	77.798
6404.0	317.422	266.822	222.461	179.246	248.292	233.431	142.911	228.347	200.880	158.202	117.540	77.798
6406.0	317.550	266.885	222.490	179.255	248.353	233.463	142.914	228.429	200.913	158.216	117.540	77.798
6408.0	317.686	266.955	222.523	179.265	248.416	233.513	142.915	228.510	200.953	158.230	117.540	77.798
6410.0	317.825	267.026	222.560	179.278	248.481	233.563	142.915	228.586	200.997	158.244	117.540	77.798
6412.0	317.961	267.092	222.593	179.294	248.548	233.620	142.915	228.659	201.035	158.256	117.540	77.798
6414.0	318.098	267.156	222.635	179.310	248.611	233.665	142.915	228.724	201.072	158.266	117.540	77.798
6416.0	318.229	267.214	222.667	179.324	248.669	233.713	142.915	228.785	201.105	158.274	117.540	77.798
6418.0	318.340	267.263	222.693	179.338	248.720	233.753	142.915	228.844	201.131	158.285	117.540	77.798
6420.0	318.431	267.308	222.719	179.350	248.760	233.777	142.915	228.899	201.152	158.289	117.540	77.798
6422.0	318.507	267.347	222.742	179.358	248.795	233.796	142.914	228.959	201.170	158.290	117.540	77.798
6424.0	318.568	267.377	222.759	179.364	248.828	233.810	142.915	228.994	201.185	158.290	117.540	77.798
6426.0	318.610	267.401	222.770	179.368	248.860	233.820	142.915	229.034	201.201	158.290	117.540	77.798
6428.0	318.634	267.419	222.777	179.370	248.885	233.825	142.915	229.069	201.212	158.290	117.540	77.798
6430.0	318.648	267.431	222.782	179.372	248.903	233.828	142.915	229.100	201.220	158.290	117.540	77.798
6432.0	318.667	267.441	222.785	179.373	248.919	233.828	142.915	229.128	201.228	158.290	117.540	77.798
6434.0	318.694	267.452	222.788	179.373	248.935	233.829	142.915	229.156	201.235	158.290	117.540	77.798
6436.0	318.729	267.469	222.791	179.375	248.951	233.830	142.915	229.184	201.243	158.290	117.540	77.798
6438.0	318.774	267.487	222.795	179.377	248.970	233.833	142.915	229.213	201.251	158.290	117.540	77.798
6440.0	318.818	267.507	222.802	179.381	248.993	233.833	142.915	229.242	201.261	158.290	117.540	77.798
6442.0	318.871	267.530	222.810	179.386	249.018	233.844	142.915	229.272	201.273	158.290	117.540	77.798
6444.0	318.925	267.559	222.813	179.392	249.042	233.852	142.915	229.304	201.285	158.290	117.540	77.798
6446.2	318.991	267.597	222.827	179.401	249.072	233.862	142.916	229.340	201.305	158.290	117.540	77.798
6448.1	319.048	267.636	222.834	179.409	249.100	233.873	142.916	229.374	201.323	158.290	117.540	77.798
6450.2	319.132	267.684	222.845	179.420	249.137	233.895	142.920	229.415	201.337	158.290	117.540	77.798
6452.0	319.224	267.738	222.865	179.431	249.182	233.927	142.926	229.455	201.351	158.290	117.540	77.798
6453.8	319.350	267.809	222.893	179.445	249.242	233.973	142.935	229.505	201.371	158.292	117.540	77.798
6455.7	319.543	267.917	222.949	179.469	249.335	234.044	142.954	229.567	201.402	158.299	117.540	77.798
6457.8	319.824	268.079	223.024	179.512	249.475	234.147	142.977	229.661	201.451	158.315	117.543	77.798
6459.7	320.168	268.278	223.115	179.564	249.647	234.277	143.011	229.772	201.519	158.340	117.542	77.798
6461.8	320.657	268.566	223.255	179.645	249.883	234.474	143.064	229.935	201.620	158.381	117.549	77.798
6463.8	321.271	268.934	223.445	179.752	250.184	234.722	143.147	230.144	201.754	158.438	117.572	77.806
6465.7	322.004	269.395	223.691	179.891	250.573	235.023	143.246	230.398	201.923	158.512	117.601	77.824
6467.6	322.869	269.947	224.003	180.063	251.137	235.340	143.356	230.713	202.133	158.613	117.603	77.845
6468.5	323.285	270.242	224.162	180.167	251.314	235.545	143.442	230.889	202.259	158.677	117.601	77.855

Table 5-1 $\int_{\nu'}^{\nu} A(\nu)\, d\nu$ (cont'd)

Sam. No.	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
p(atm)	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}	2.34×10^{-2}	2.34×10^{-2}	2.34×10^{-2}	2.17×10^{-1}	2.17×10^{-1}	2.17×10^{-1}
P_ν(atm)	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.00×10^{0}	3.03×10^{-1}	1.00×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}	3.00×10^{-1}	1.02×10^{-1}	3.04×10^{-2}	1.30×10^{1}	1.00×10^{0}	2.83×10^{-1}
u(atm cm) STP	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	1.01×10^{3}	3.30×10^{2}	3.30×10^{2}	3.30×10^{2}
ν (cm^{-1})	ν'=5955 cm^{-1}	ν'=5955 cm^{-1}	ν'=5955 cm^{-1}	ν'=5965 cm^{-1}	ν'=5965 cm^{-1}	ν'=5965 cm^{-1}	ν'=6141.7 cm^{-1}	ν'=6021.9 cm^{-1}	ν'=6021.9 cm^{-1}	ν'=6141.7 cm^{-1}	ν'=6141.7 cm^{-1}	ν'=6141.7 cm^{-1}	ν'=6155 cm^{-1}	ν'=6155 cm^{-1}	ν'=6155 cm^{-1}
5284.1	53.978	36.333	27.964	28.690	20.213	12.905	7.545	12.542	10.304	7.357	4.825	3.100	4.223	3.727	2.920
5287.5	54.040	36.362	27.994	28.721	20.219	12.922	7.546	12.543	10.305	7.358	4.825	3.100	4.223	3.727	2.920
5289.6	54.083	36.389	28.021	28.745	20.232	12.934	7.549	12.544	10.305	7.361	4.825	3.100	4.223	3.727	2.920
5291.8	54.134	36.432	28.054	28.777	20.249	12.951	7.612	12.545	10.307	7.367	4.834	3.102	4.223	3.727	2.920
5294.1	54.206	36.491	28.103	28.819	20.271	12.968	7.625	12.547	10.309	7.374	4.853	3.106	4.223	3.727	2.920
5296.4	54.305	36.567	28.163	28.863	20.302	12.986	7.642	12.549	10.313	7.386	4.865	3.112	4.223	3.727	2.920
5298.7	54.431	36.662	28.233	28.921	20.344	13.014	7.664	12.552	10.317	7.395	4.883	3.119	4.224	3.727	2.920
5301.0	54.593	36.773	28.322	28.995	20.399	13.054	7.722	12.564	10.332	7.407	4.904	3.125	4.228	3.729	2.920
5303.2	54.798	36.903	28.424	29.078	20.464	13.106	7.762	12.581	10.347	7.429	4.923	3.143	4.235	3.731	2.920
5305.4	55.059	37.065	28.545	29.190	20.545	13.165	7.824	12.602	10.379	7.459	4.955	3.160	4.243	3.737	2.921
5307.6	55.371	37.243	28.682	29.327	20.645	13.234	7.854	12.633	10.414	7.497	4.997	3.176	4.254	3.747	2.925
5309.8	55.746	37.454	28.840	29.497	20.765	13.312	7.908	12.683	10.463	7.549	5.041	3.208	4.267	3.762	2.935
5311.9	56.207	37.713	29.033	29.713	20.911	13.402	7.965	12.757	10.534	7.612	5.087	3.238	4.283	3.785	2.949
5314.0	56.740	38.019	29.270	29.982	21.087	13.508	8.040	12.852	10.622	7.689	5.145	3.275	4.309	3.815	2.969
5316.1	57.358	38.373	29.549	30.296	21.289	13.634	8.149	12.970	10.734	7.783	5.213	3.319	4.349	3.853	2.997
5317.1	57.646	38.525	29.680	30.430	21.379	13.685	8.214	13.037	10.795	7.828	5.253	3.342	4.372	3.872	3.008
5320.2	58.832	39.239	30.208	31.043	21.782	13.936	8.343	13.301	11.033	8.016	5.374	3.415	4.461	3.962	3.075
5322.2	59.650	39.729	30.591	31.496	22.053	14.111	8.528	13.522	11.224	8.152	5.464	3.469	4.530	4.033	3.127
5324.1	60.528	40.272	30.990	31.987	22.357	14.303	8.672	13.771	11.439	8.385	5.563	3.526	4.607	4.111	3.189
5326.1	61.514	40.895	31.451	32.552	22.695	14.521	8.838	14.069	11.675	8.478	5.671	3.591	4.704	4.205	3.262
5328.0	62.524	41.537	31.952	33.135	23.049	14.747	9.010	14.386	11.935	8.658	5.785	3.661	4.810	4.310	3.342
5329.9	63.589	42.223	32.474	33.752	23.424	14.987	9.152	14.736	12.215	8.856	5.913	3.737	4.930	4.425	3.428
5331.7	64.644	42.914	32.998	34.373	23.812	15.229	9.341	15.097	12.501	9.058	6.032	3.818	5.055	4.540	3.515
5333.5	65.713	43.613	33.534	35.031	24.217	15.487	9.578	15.479	12.795	9.268	6.167	3.902	5.188	4.663	3.608
5335.3	66.808	44.317	34.062	35.696	24.625	15.741	9.768	15.876	13.101	9.474	6.299	3.984	5.326	4.794	3.703
5337.1	67.915	45.034	34.615	36.367	25.042	16.011	9.983	16.277	13.412	9.683	6.435	4.073	5.468	4.927	3.804
5338.8	68.975	45.745	35.165	37.021	25.465	16.284	10.167	16.652	13.709	9.895	6.574	4.161	5.600	5.053	3.899
5340.5	70.026	46.455	35.720	37.658	25.883	16.554	10.392	17.008	13.995	10.102	6.704	4.248	5.725	5.170	3.990
5342.2	71.049	47.121	36.218	38.261	26.273	16.814	10.566	17.338	14.260	10.295	6.834	4.330	5.834	5.280	4.076
5343.8	71.969	47.712	36.656	38.786	26.603	17.024	10.747	17.588	14.480	10.461	6.945	4.402	5.920	5.367	4.147
5345.4	72.798	48.257	37.073	39.231	26.905	17.237	10.912	17.795	14.653	10.609	7.045	4.473	5.987	5.435	4.202
5347.8	73.685	48.873	37.557	39.632	27.209	17.458	11.092	18.013	14.799	10.728	7.141	4.543	6.058	5.495	4.248
5349.3	74.229	49.265	37.858	39.870	27.395	17.583	11.154	18.127	14.879	10.798	7.201	4.591	6.095	5.515	4.263
5350.9	75.012	49.807	38.275	40.276	27.685	17.771	11.344	18.288	15.015	10.928	7.295	4.656	6.150	5.555	4.301
5352.4	75.869	50.389	38.711	40.768	28.003	17.980	11.512	18.500	15.211	11.084	7.491	4.726	6.227	5.625	4.357
5353.8	76.751	50.941	39.136	41.283	28.331	18.182	11.656	18.758	15.441	11.246	7.509	4.791	6.320	5.713	4.427
5355.2	77.680	51.524	39.595	41.862	28.684	18.402	11.835	19.069	15.704	11.427	7.625	4.859	6.430	5.815	4.507
5356.6	78.652	52.171	40.085	42.479	29.065	18.639	12.000	19.427	15.999	11.624	7.750	4.937	6.557	5.935	4.598
5357.9	79.585	52.775	40.547	43.075	29.431	18.865	12.168	19.792	16.289	11.815	7.872	5.007	6.687	6.059	4.688
5359.3	80.614	53.444	41.059	43.740	29.835	19.115	12.355	20.209	16.614	12.027	8.007	5.088	6.837	6.199	4.792
5360.5	81.680	54.105	41.574	44.376	30.233	19.370	12.545	20.611	16.925	12.235	8.142	5.167	6.983	6.334	4.890
5361.9	82.603	54.797	42.114	45.024	30.649	19.638	12.745	21.018	17.244	12.449	8.280	5.252	7.128	6.471	4.992
5363.1	83.532	55.447	42.621	45.627	31.033	19.892	12.932	21.391	17.535	12.647	8.414	5.331	7.261	6.599	5.088
5364.3	84.456	56.079	43.103	46.220	31.404	20.134	13.113	21.756	17.825	12.839	8.541	5.409	7.393	6.722	5.184
5365.5	85.445	56.761	43.631	46.852	31.803	20.401	13.314	22.133	18.124	13.051	8.680	5.490	7.528	6.853	5.283
5366.7	86.264	57.331	44.075	47.378	32.153	20.630	13.465	22.432	18.367	13.225	8.795	5.574	7.633	6.959	5.364
5367.8	87.070	57.873	44.497	47.877	32.473	20.842	13.650	22.707	18.595	13.389	8.905	5.647	7.728	7.059	5.442
5369.2	88.095	58.597	45.054	48.490	32.885	21.110	13.857	23.016	18.865	13.591	9.043	5.736	7.835	7.169	5.533
5370.7	89.114	59.321	45.597	49.078	33.289	21.363	14.069	23.296	19.117	13.785	9.180	5.830	7.932	7.272	5.619
5371.5	89.596	59.653	45.846	49.351	33.475	21.510	14.192	23.424	19.233	13.876	9.245	5.877	7.978	7.319	5.659
5373.0	90.444	60.223	46.296	49.807	33.803	21.734	14.357	23.622	19.419	14.028	9.359	5.957	8.046	7.393	5.721
5374.2	91.092	60.669	46.641	50.123	34.043	21.902	14.498	23.748	19.539	14.132	9.439	6.020	8.091	7.439	5.761
5376.0	91.890	61.239	47.081	50.493	34.335	22.121	14.684	23.890	19.679	14.253	9.539	6.099	8.145	7.494	5.807
5378.0	92.555	61.752	47.467	50.772	34.572	22.320	14.862	23.991	19.771	14.342	9.615	6.165	8.184	7.535	5.840
5380.0	92.990	62.123	47.786	50.945	34.724	22.461	14.995	24.053	19.827	14.391	9.665	6.210	8.209	7.559	5.860
5382.0	93.251	62.365	47.988	51.047	34.813	22.549	15.082	24.083	19.859	14.417	9.695	6.234	8.221	7.572	5.873
5384.0	93.395	62.499	48.100	51.108	34.863	22.599	15.134	24.096	19.875	14.432	9.709	6.246	8.228	7.582	5.878
5386.0	93.480	62.575	48.163	51.151	34.903	22.627	15.164	24.104	19.884	14.443	9.713	6.246	8.232	7.589	5.879
5388.0	93.527	62.623	48.196	51.176	34.922	22.640	15.180	24.111	19.888	14.449	9.713	6.246	8.235	7.593	5.879
5390.0	93.550	62.643	48.209	51.192	34.935	22.645	15.186	24.114	19.889	14.451	9.713	6.246	8.237	7.594	5.879
5392.0	93.564	62.659	48.214	51.202	34.944	22.645	15.187	24.115	19.889	14.451	9.713	6.246	8.237	7.594	5.879
5394.0	93.572	62.663	48.214	51.209	34.949	22.645	15.187	24.115	19.889	14.451	9.713	6.246	8.237	7.594	5.879
5396.0	93.575	62.663	48.214	51.212	34.949	22.645	15.187	24.115	19.889	14.451	9.713	6.246	8.237	7.594	5.879
5398.0	93.577	62.663	48.214	51.212	34.949	22.645	15.187	24.115	19.889	14.451	9.713	6.246	8.237	7.594	5.879
5400.0	93.577	62.663	48.214	51.212	34.949	22.645	15.187	24.115	19.889	14.451	9.713	6.246	8.237	7.594	5.879
5402.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5404.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5406.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5408.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5410.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5412.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5414.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5416.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5418.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5420.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5422.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5424.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5426.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5428.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5430.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5432.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5434.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5436.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5438.0	93.577	62.663	48.214	51.212	34.949	22.645		24.115	19.889						
5440.0	93.577	62.663	48.214	51.213	34.949	22.645		24.115	19.889						
5442.0	93.577	62.663	48.214	51.215	34.949	22.645		24.115	19.889						
5444.0	93.579	62.663	48.214	51.220	34.949	22.645		24.115	19.889						
5446.2	93.587	62.663	48.214	51.227	34.949	22.645		24.115	19.889						
5448.1	93.596	62.663	48.214	51.235	34.949	22.645		24.115	19.889						
5450.2	93.607	62.663	48.214	51.243	34.949	22.645		24.115	19.889						
5452.0	93.616	62.665	48.214	51.254	34.949	22.645		24.115	19.889						
5453.8	93.628	62.671	48.216	51.266	34.949	22.645		24.115	19.889						
5455.7	93.639	62.677	48.224	51.279	34.951	22.645		24.115	19.889						
5457.9	93.654	62.689	48.241	51.292	34.954	22.648		24.115	19.889						
5459.7	93.677	62.701	48.261	51.307	34.957	22.652		24.116	19.889						
5461.8	93.706	62.727	48.283	51.325	34.963	22.661		24.118	19.889						
5463.8	93.743	62.759	48.317	51.346	34.973	22.671		24.121	19.889						
5465.7	93.791	62.793	48.351	51.370	34.989	22.683		24.125	19.891						
5467.6	93.859	62.852	48.393	51.401	35.011	22.701		24.130	19.895						
5469.5	93.898	62.873	48.418	51.419	35.021	22.716		24.133	19.897						

Table 5-1 $\int_{\nu'}^{\nu} A(\nu)d\nu$ (cont'd)

Sam. No.	1	2	3	4	5	6	7	8	9	10	11	12
p(atm)	$2.50_0 \times 10^0$	$2.53_0 \times 10^0$	$2.53_0 \times 10^0$	$2.50_0 \times 10^0$	$2.00_0 \times 10^0$	$1.00_0 \times 10^0$	$1.00_0 \times 10^0$	$1.46_1 \times 10^1$	$1.00_1 \times 10^1$	$1.00_1 \times 10^1$	$1.00_1 \times 10^1$	$1.00_0 \times 10^0$
P_e(atm)	$3.29_0 \times 10^0$	$3.32_0 \times 10^0$	$3.32_0 \times 10^0$	$3.29_0 \times 10^0$	$2.62_0 \times 10^0$	$1.31_0 \times 10^0$	$1.31_0 \times 10^0$	$2.03_1 \times 10^1$	$1.36_1 \times 10^1$	$1.36_1 \times 10^1$	$1.36_1 \times 10^1$	$1.36_1 \times 10^1$
u(atm cm) STP	$2.17_5 \times 10^5$	$1.10_5 \times 10^5$	$5.57_4 \times 10^4$	$2.80_4 \times 10^4$	$6.71_4 \times 10^4$	$5.62_4 \times 10^4$	$2.19_4 \times 10^4$	$4.73_4 \times 10^4$	$3.16_4 \times 10^4$	$1.59_4 \times 10^4$	$7.93_3 \times 10^3$	$3.99_3 \times 10^3$
ν (cm^{-1})	ν'=5814 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5909.5 cm^{-1}	ν'=5909.5 cm^{-1}	ν'=5909.5 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}	ν'=5905 cm^{-1}
6471.3	324.930	271.356	224.847	180.545	252.232	236.281	143.627	231.574	202.739	158.909	117.845	77.911
6473.2	326.211	272.278	225.425	180.887	252.999	236.865	143.936	232.164	203.153	159.125	117.981	77.955
6475.0	327.551	273.280	226.071	181.287	253.845	237.495	144.215	232.820	203.635	159.375	118.109	78.014
6476.8	328.997	274.397	226.815	181.755	254.779	238.213	144.547	233.578	204.195	159.676	118.356	78.037
6478.7	330.609	275.682	227.704	182.328	255.848	239.052	144.934	234.493	204.882	160.053	118.576	78.135
6480.5	332.219	277.000	228.663	182.950	256.969	239.944	145.362	235.471	205.630	160.474	118.606	78.291
6482.2	333.782	278.322	229.650	183.604	258.100	240.942	145.808	236.486	206.413	160.926	118.862	78.41
6484.0	335.482	279.784	230.763	184.355	259.362	241.867	146.312	237.640	207.330	161.462	119.121	78.555
6485.7	337.112	281.216	231.884	185.125	260.619	242.885	146.822	238.787	208.253	162.011	119.421	78.707
6487.5	338.859	282.772	233.113	185.988	261.991	244.010	147.412	240.055	209.279	162.628	119.790	78.83
6489.2	340.521	284.268	234.321	186.830	263.324	245.107	147.984	241.282	210.281	163.236	120.126	79.034
6490.9	342.188	285.781	235.545	187.690	264.688	246.232	148.570	242.528	211.299	163.859	120.4 1	79.235
6492.6	343.861	287.296	236.769	188.546	266.053	247.351	149.101	243.777	212.317	164.462	120.808	79.415
6494.2	345.435	288.718	237.914	189.339	267.332	248.422	149.724	244.936	213.255	165.050	121.158	79.585
6495.9	347.097	290.210	239.093	190.141	268.671	249.541	150.262	246.126	214.210	165.621	121.436	79.754
6497.5	348.653	291.585	240.147	190.836	269.898	250.563	150.782	247.192	215.045	166.110	121.7 5	79.901
6499.1	350.180	292.885	241.104	191.433	271.049	251.524	151.217	248.175	215.787	166.531	121.965	80.029
6500.7	351.628	294.040	241.901	191.888	272.045	252.354	151.541	249.050	216.413	166.874	122.158	80.137
6503.1	353.336	295.216	242.612	192.265	273.004	253.137	151.791	250.151	217.124	167.253	122.361	80.24
6504.6	354.395	295.944	243.060	192.523	273.586	253.617	151.966	250.799	217.531	167.472	122.465	80.301
6506.1	355.703	296.982	243.773	192.961	274.486	254.345	152.290	251.519	218.055	167.762	122.612	80.358
6507.6	357.135	298.224	244.691	193.557	275.596	255.265	152.724	252.381	218.727	168.149	122.826	80.459
6509.1	358.602	299.559	245.739	194.273	276.916	256.299	153.246	253.376	219.523	168.633	123.073	80.597
6510.6	360.086	300.942	246.874	195.077	278.092	257.395	153.823	254.470	220.434	169.193	123.410	80.746
6512.1	361.576	302.347	248.055	195.944	279.398	258.509	154.433	255.637	221.415	169.816	123.765	80.924
6513.5	362.973	303.679	249.199	196.796	280.651	259.593	155.040	256.771	222.373	170.434	124.111	81.109
6514.9	364.371	305.024	250.369	197.675	281.923	260.727	155.674	257.927	223.365	171.075	124.462	81.304
6516.3	365.768	306.373	251.543	198.560	283.204	261.885	156.310	259.095	224.363	171.725	124.819	81.505
6517.7	367.145	307.718	252.713	199.434	284.471	263.005	156.926	260.265	225.363	172.375	125.246	81.71
6519.1	368.563	309.052	253.873	200.294	285.724	264.102	157.536	261.427	226.353	173.014	125.616	81.918
6520.5	369.958	310.382	255.012	201.130	286.970	265.204	158.141	262.569	227.315	173.628	125.979	82.13
6521.8	371.253	311.611	256.051	201.874	288.125	266.237	158.676	263.602	228.175	174.163	126.2 4	82.27
6523.1	372.541	312.815	257.049	202.571	289.247	267.213	159.178	264.598	228.989	174.660	126.567	82.426
6524.4	373.823	313.989	257.999	203.219	290.335	268.165	159.647	265.545	229.743	175.114	126.6 3	82.57
6525.7	375.099	315.133	258.893	203.814	291.381	269.062	160.077	266.434	230.450	175.526	127.049	82.69
6527.0	376.363	316.240	259.742	204.352	292.392	269.943	160.474	267.260	231.089	175.892	127.240	82.81
6528.3	377.598	317.294	260.513	204.832	293.334	270.765	160.827	268.014	231.659	176.216	127.4 3	82.91
6529.5	378.718	318.213	261.173	205.222	294.150	271.489	161.126	268.646	232.127	176.477	127.562	82.992
6530.7	379.799	319.065	261.763	205.561	294.895	272.145	161.372	269.215	232.541	176.704	127.6 4	83.057
6531.9	380.838	319.854	262.285	205.855	295.574	272.757	161.592	269.726	232.905	176.898	127.7 8	83.12
6533.1	381.827	320.575	262.751	206.112	296.185	273.305	161.784	270.182	233.225	177.068	127.8 7	83.17
6534.3	382.782	321.250	263.171	206.344	296.752	273.829	161.957	270.600	233.515	177.219	127.948	83.224
6538.0	385.773	323.371	264.483	207.073	298.573	275.615	162.531	271.802	234.371	177.660	128.1 9	83.35
6539.0	386.368	323.728	264.723	207.174	298.851	275.913	162.602	272.074	234.554	177.750	128.2 0	83.386
6541.5	387.632	324.482	265.144	207.368	299.451	276.467	162.759	272.571	234.863	177.903	128.3 5	83.439
6543.0	388.500	325.018	265.442	207.543	299.882	276.909	162.876	272.855	235.054	177.994	128.3 2	83.466
6544.3	389.322	325.536	265.734	207.698	300.303	277.325	162.997	273.127	235.231	178.082	128.4 7	83.49
6545.8	390.323	326.184	266.105	207.896	300.833	277.849	163.146	273.453	235.457	178.194	128.4 1	83.51
6547.2	391.298	326.824	266.473	208.095	301.362	278.369	163.305	273.784	235.685	178.309	128.516	83.549
6548.2	392.010	327.295	266.754	208.244	301.754	278.750	163.423	274.028	235.855	178.393	128.567	83.57
6550.0	393.291	328.145	267.255	208.516	302.465	279.434	163.633	274.479	236.163	178.549	128.633	83.61
6551.3	394.206	328.752	267.615	208.712	302.973	279.915	163.783	274.802	236.395	178.661	128.6 0	83.64
6552.6	395.109	329.348	267.965	208.904	303.473	280.382	163.932	275.118	236.617	178.771	128.746	83.67
6554.0	396.056	329.968	268.331	209.102	303.989	280.873	164.084	275.443	236.845	178.885	128.8 5	83.706
6555.4	396.965	330.547	268.671	209.285	304.472	281.337	164.222	275.749	237.057	178.990	128.862	83.73
6556.7	397.752	331.043	268.959	209.437	304.880	281.725	164.338	276.007	237.237	179.080	128.911	83.75
6557.8	398.386	331.430	269.173	209.552	305.200	282.0	164.427	276.204	237.373	179.148	128.949	83.78
6559.0	399.018	331.804	269.390	209.661	305.511	282.345	164.510	276.398	237.505	179.215	128.9 7	83.81
6560.0	399.491	332.074	269.543	209.738	305.741	282.571	164.569	276.540	237.603	179.263	129.015	83.829
6562.0	400.282	332.509	269.784	209.859	306.117	282.934	164.664	276.770	237.761	179.341	129.0 8	83.85
6564.0	400.843	332.805	269.949	209.938	306.384	283.18	164.72	276.939	237.873	179.397	129.0 7	83.880
6566.0	401.187	332.986	270.054	209.985	306.548	283.33	164.75	277.055	237.955	179.433	129.1 5	83.89
6568.0	401.419	333.103	270.121	210.012	306.661	283.42	164.78	277.133	238.005	179.454	129.1 9	83.90
6570.0	401.582	333.191	270.170	210.032	306.744	283.494	164.80	277.191	238.044	179.467	129.126	83.90
6572.0	401.725	333.264	270.207	210.048	306.813	283.545	164.819	277.234	238.074	179.478	129.130	83.91
6574.0	401.841	333.328	270.239	210.063	306.867	283.6	164.829	277.272	238.100	179.488	129.1 2	83.910
6576.0	401.943	333.386	270.265	210.075	306.902	283.65	164.836	277.304	238.122	179.497	129.132	83.91
6578.0	402.034	333.436	270.289	210.085	306.929	283.68	164.83	277.333	238.140	179.503	129.1 2	83.910
6580.0	402.112	333.480	270.312	210.093	306.951	283.72	164.839	277.361	238.155	179.508	129.1 2	83.91
6582.0	402.177	333.517	270.330	210.099	306.965	283.745	164.83	277.387	238.165	179.511	129.1 2	83.91
6584.0	402.233	333.546	270.343	210.102	306.977	283.764	164.83	277.409	238.172	179.513	129.1 2	83.910
6586.0	402.282	333.569	270.352	210.104	306.985	283.777	164.839	277.425	238.173	179.513	129.1 2	83.910
6588.0	402.324	333.585	270.353	210.104	306.990	283.783	164.839	277.437	238.173	179.513	129.1 2	83.910
6590.0	402.359	333.594	270.360	210.104	306.991	283.784	164.839	277.447	238.173	179.513	129.1 2	83.910
6592.0	402.387	333.596	270.360	210.104	306.991	283.784	164.839	277.455	238.173	179.513	129.1 2	83.910
6594.0	402.407							277.462	238.173	179.513	129.1 2	83.910
6596.0	402.421							277.467	238.173	179.513	129.1 2	83.91
6598.0	402.427							277.471	238.173	179.513	129.1 2	83.910
6599.0	402.428							277.472	238.173	179.513	129.1 2	83.910
6600.0								277.473	238.173	179.513	129.1 2	83.910
6601.0								277.474	238.173	179.513	129.1 2	83.910
6602.0								277.474	238.173	179.513	129.1 2	83.910
6603.0								277.474	238.173	179.513	129.1 2	83.910
6604.0								277.474	238.173	179.513	129.1 2	83.910
6605.0								277.474	238.173	179.513	129.1 2	83.910

Table 5-1 $\int_{\nu'}^{\nu} A(\omega)\, d\nu$ (cont'd)

Samp. No.	13	14	15	16	17	18	19	20	21
p(atm)	2.30×10^{-1}	2.30×10^{-1}	1.16×10^{-1}	7.70×10^{-2}	7.70×10^{-2}	7.70×10^{-2}	3.87×10^{-2}	6.65×10^{-1}	6.65×10^{-1}
P_e(atm)	9.99×10^{-1}	3.00×10^{-1}	1.50×10^{-1}	1.00×10^{0}	3.03×10^{-1}	1.001×10^{-1}	5.03×10^{-2}	1.31×10^{1}	8.65×10^{-1}
u(atm cm) STP	9.94×10^{3}	9.94×10^{3}	9.94×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	3.32×10^{3}	1.01×10^{3}	1.01×10^{3}
ν (cm^{-1})	ν'=5955 cm^{-1}	ν'=5955 cm^{-1}	ν'=5955 cm^{-1}	ν'=5965 cm^{-1}	ν'=5965 cm^{-1}	ν'=5965 cm^{-1}	ν'=6141.7 cm^{-1}	ν'=6021.9 cm^{-1}	ν'=6021.9 cm^{-1}
5471.3	94.045	62.985	48.564	51.477	35.064	22.753		24.144	19.902
5473.2	94.178	63.077	48.575	51.524	35.097	22.787		24.157	19.921
5475.0	94.317	63.174	48.657	51.583	35.133	22.826		24.172	19.935
5476.8	94.482	63.283	48.750	51.649	35.187	22.869		24.186	19.953
5478.7	94.682	63.422	48.852	51.732	35.243	22.920		24.202	19.975
5480.5	94.897	63.567	48.969	51.826	35.307	22.976		24.221	20.000
5482.2	95.128	63.715	49.089	51.925	35.372	23.033		24.243	20.027
5484.0	95.402	63.892	49.223	52.043	35.461	23.102		24.268	20.063
5485.7	95.675	64.071	49.361	52.169	35.543	23.169		24.299	20.097
5487.5	95.987	64.263	49.513	52.307	35.642	23.241		24.338	20.137
5489.2	96.296	64.454	49.659	52.444	35.753	23.312		24.379	20.173
5490.9	96.613	64.655	49.813	52.582	35.851	23.387		24.423	20.221
5492.6	96.933	64.864	49.969	52.723	35.951	23.467		24.468	20.264
5494.2	97.234	65.059	50.118	52.852	36.043	23.548		24.511	20.304
5495.9	97.543	65.260	50.276	52.981	36.145	23.615		24.554	20.342
5497.5	97.819	65.442	50.421	53.093	36.232	23.684		24.591	20.375
5499.1	98.059	65.623	50.554	53.190	36.313	23.745		24.623	20.402
5500.7	98.242	65.763	50.667	53.256	36.362	23.797		24.650	20.422
5503.1	98.374	65.882	50.756	53.309	36.407	23.830		24.677	20.437
5504.6	98.451	65.937	50.819	53.342	36.427	23.859		24.689	20.441
5506.1	98.611	66.042	50.925	53.406	36.473	23.906		24.700	20.452
5507.6	98.836	66.202	51.061	53.497	36.537	23.952		24.714	20.473
5509.1	99.113	66.391	51.216	53.611	36.622	24.021		24.739	20.504
5510.6	99.426	66.602	51.382	53.746	36.724	24.100		24.773	20.541
5512.1	99.768	66.833	51.557	53.897	36.833	24.182		24.816	20.585
5513.5	100.114	67.061	51.739	54.050	36.954	24.267		24.860	20.632
5514.9	100.471	67.301	51.925	54.212	37.073	24.351		24.908	20.677
5516.3	100.832	67.543	52.111	54.375	37.191	24.437		24.960	20.725
5517.7	101.184	67.785	52.298	54.535	37.313	24.524		25.012	20.774
5519.1	101.537	68.027	52.486	54.692	37.427	24.608		25.063	20.821
5520.5	101.881	68.263	52.672	54.838	37.543	24.696		25.114	20.865
5521.8	102.188	68.474	52.837	54.967	37.641	24.767		25.162	20.907
5523.1	102.475	68.673	52.998	55.088	37.733	24.840		25.205	20.945
5524.4	102.745	68.873	53.149	55.199	37.823	24.910		25.244	20.973
5525.7	102.985	69.042	53.266	55.297	37.903	24.973		25.277	21.003
5527.0	103.204	69.209	53.424	55.383	37.983	25.033		25.305	21.035
5528.3	103.395	69.363	53.549	55.457	38.042	25.087		25.329	21.063
5529.5	103.549	69.491	53.656	55.512	38.102	25.134		25.348	21.072
5530.7	103.681	69.605	53.751	55.562	38.145	25.177		25.366	21.094
5531.9	103.796	69.705	53.835	55.601	38.185	25.214		25.380	21.105
5533.1	103.890	69.795	53.913	55.635	38.213	25.246		25.390	21.114
5534.3	103.975	69.873	53.982	55.665	38.244	25.274		25.399	21.122
5538.0	104.255	70.137	54.246	55.765	38.332	25.375		25.421	21.141
5539.0	104.288	70.183	54.282	55.777	38.343	25.396		25.427	21.145
5541.5	104.361	70.247	54.357	55.805	38.373	25.426		25.442	21.155
5543.0	104.419	70.295	54.415	55.827	38.393	25.446		25.449	21.157
5544.3	104.480	70.347	54.473	55.846	38.402	25.464		25.453	21.153
5545.8	104.559	70.413	54.547	55.872	38.431	25.487		25.457	21.159
5547.2	104.636	70.477	54.617	55.899	38.455	25.510		25.462	21.161
5548.2	104.694	70.525	54.671	55.920	38.475	25.529		25.465	21.162
5550.0	104.794	70.612	54.771	55.957	38.513	25.565		25.470	21.165
5551.3	104.867	70.675	54.841	55.988	38.534	25.591		25.474	21.168
5552.6	104.936	70.743	54.910	56.021	38.563	25.616		25.480	21.170
5554.0	105.007	70.807	54.975	56.053	38.587	25.643		25.487	21.173
5555.4	105.073	70.862	55.037	56.081	38.613	25.670		25.494	21.175
5556.7	105.125	70.923	55.090	56.103	38.622	25.692		25.500	21.178
5557.8	105.167	70.962	55.130	56.119	38.644	25.709		25.506	21.180
5559.0	105.209	71.001	55.172	56.136	38.652	25.726		25.511	21.182
5560.0	105.240	71.023	55.203	56.148	38.662	25.739		25.515	21.183
5562.0	105.298	71.072	55.252	56.167	38.683	25.763		25.521	21.184
5564.0	105.325	71.105	55.285	56.181	38.693	25.782		25.526	21.185
5566.0	105.347	71.122	55.307	56.193	38.700	25.799		25.528	21.185
5568.0	105.365	71.129	55.319	56.201	38.705	25.809		25.529	21.185
5570.0	105.380	71.131	55.325	56.207	38.703	25.816		25.529	21.185
5572.0	105.391	71.132	55.325	56.209	38.702	25.819		25.529	21.185
5574.0	105.399	71.132	55.325	56.210	38.702	25.819		25.529	21.185
5576.0	105.404	71.132	55.325	56.210	38.702	25.819		25.529	21.185
5578.0	105.405	71.132	55.325	56.210	38.702	25.819		25.529	21.185
5580.0	105.405	71.132	55.325	56.210	38.702	25.819		25.529	21.185
5582.0	105.405	71.132	55.325	56.210	38.702	25.819		25.529	21.185

SECTION 6

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