NSSDC NATIONAL SPACE SCIENCE DATA CENTER

WORLD DATA CENTER A for ROCKETS AND SATELLITES 90-11

1983 TAIL-ERA DATA SERIES

VOLUME 1

ISEE 3 Plasma

(NASA-TM-105048-Vol-1) THE 1983 TAIL-ERA SERIES. VOLUME 1: ISEE 3 PLASMA (NASA) 260 p CSCL 03B

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National Aeronautics and Space Administration

Goddard Space Flight Center

NSSDC/WDC-A-R&S 90-11

1983 TAIL-ERA DATA SERIES

VOLUME 1

ISEE 3 PLASMA

April 1990

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Foreword

This is the first in a series of volumes covering the period when the ISEE 3 spacecraft was within and near the earth's magnetic tail. Spacecraft trajectory projected into the equatorial plane is shown in figures 1 and 2 with figure 1 covering the data period December 21 1982-March 30 1983 and figure 2 covering the subsequent period March 30-September 27 1983.

Plots show observations from the ISEE-3 electron analyzer (Principal Investigator originally S. J. Bame, currently J. T. Gosling, LANL). The instrument measured electrons in 15 continuous energy levels between 8.5 and 1140 eV during individual three-second spacecraft spins. Depending on spacecraft mode, the samples occur at 84-second, or sometimes at 12-second intervals (Bame et al., IEEE Trans. Geosci. Electr., GE-16, p 160, 1978; Bame et al., GRL p 912, 1983). Times associated with each data point are the beginning times of the 3 second data collection interval. Moments calculated from the measured distribution function are shown in the figures as density, temperature, velocity, and velocity azimuthal angle. (O° is antisunward flow, +90° is dawnward flow and -90° is duskward flow degrees. Spacecraft ephemeris is shown at the bottom in GSE and GSM coordinates in units of Earth radii, with vertical ticks on the time axis corresponding to the printed positions. Data gaps occur when either plasma or magnetic field (see volume 2) are missing. Thus, in some cases there actually may be plasma data available that are not plotted here.

The principal investigators for the ISEE 3 plasma experiment, S. J. Bame and J. T. Gosling are gratefully acknowledged for allowing this use of their data. Merged data tapes from which these plots were made were prepared by R. D. Zwickl. It is planned to make the tapes available through the National Space Science Data Center. The full set of ISEE 3 electron data are available as NSSDC data set 78-079A-01M. Plots were prepared by K. J. Sofaly of LANL. Questions concerning the plots or requests for electron data should be addressed to J. L. Phillips, MS-D438, LANL, Los Alamos NM 87545; Phone 505-667-3101; Span ESSDP1::102657.

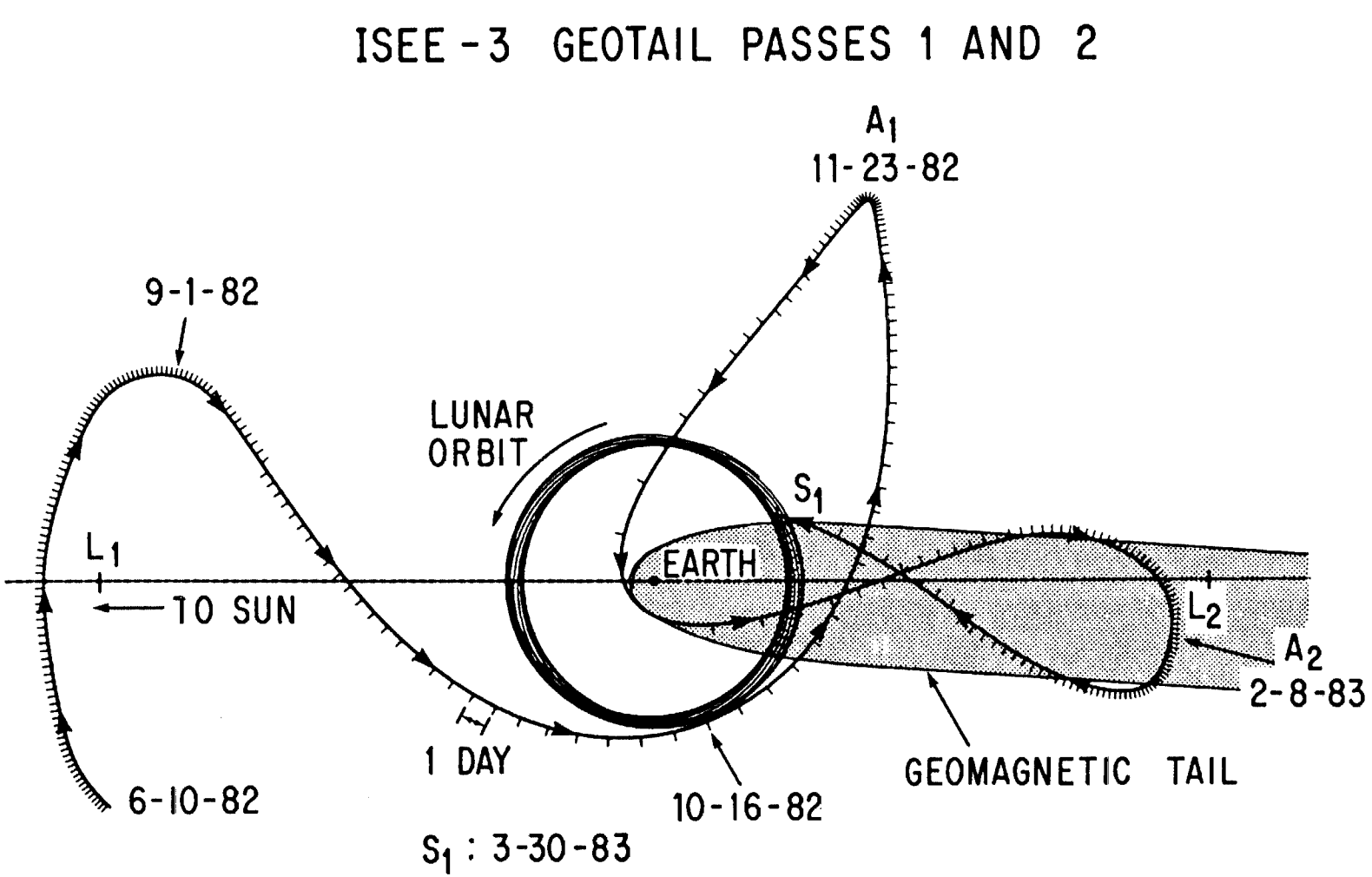
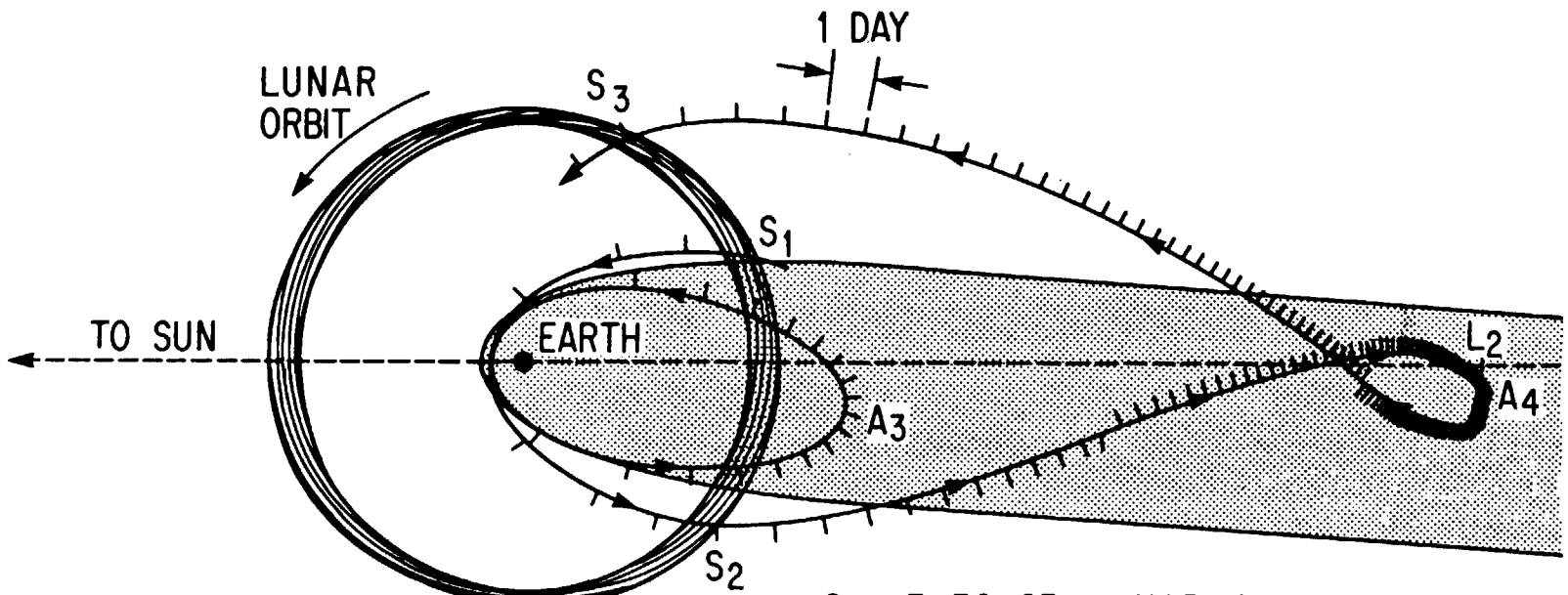

ISEE-3 GEOTAIL PASSES 1 AND 2
A1
11-23-82
9-1-82
LUNAR
ORBIT
S1
L1
EARTH
TO SUN
L2
A2
2-8-83
1 DAY
GEOMAGNETIC TAIL
6-10-82
10-16-82
S1 : 3-30-83

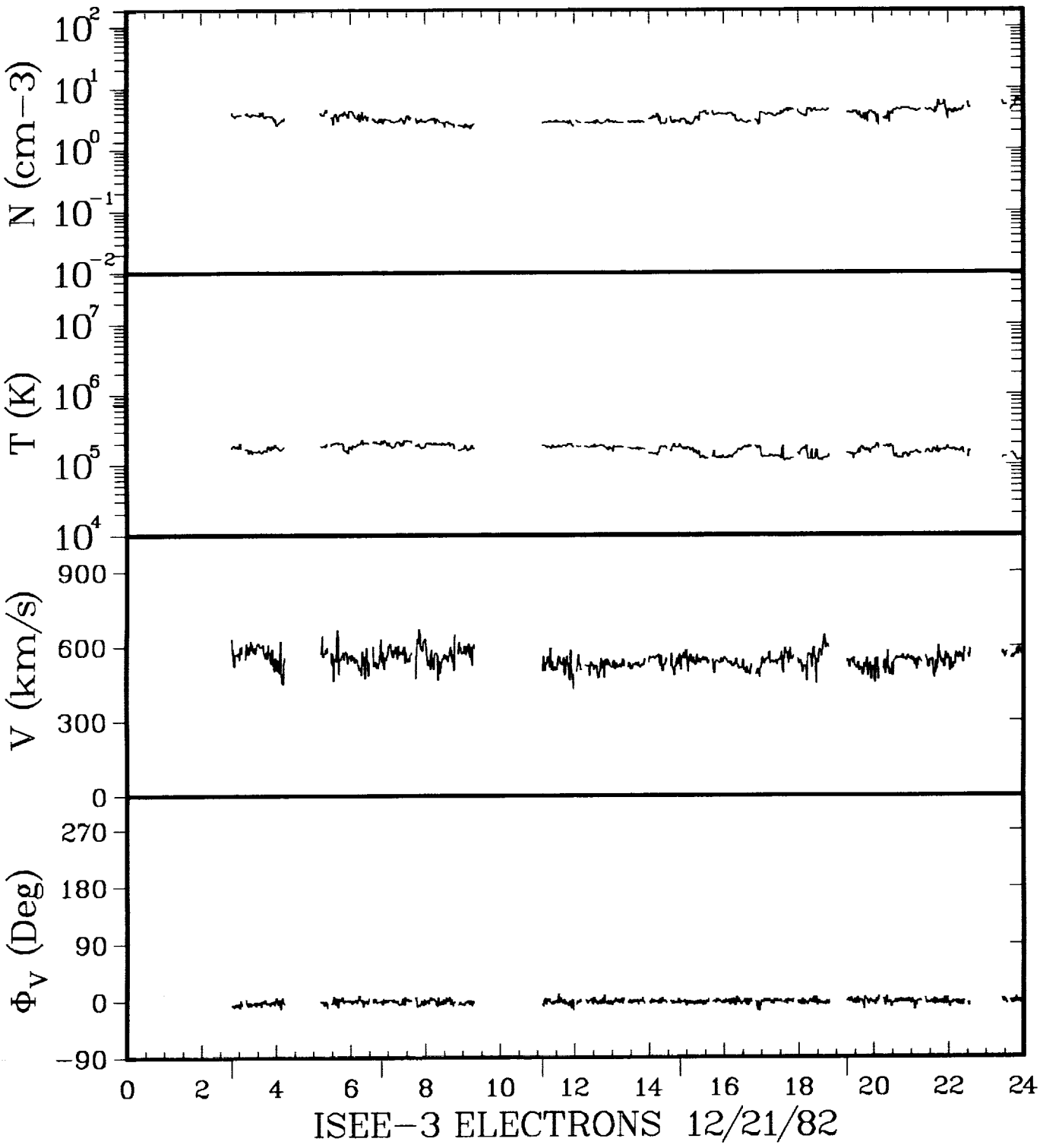
Figure 1

ISEE-3 GEOTAIL PASSES 3 AND 4

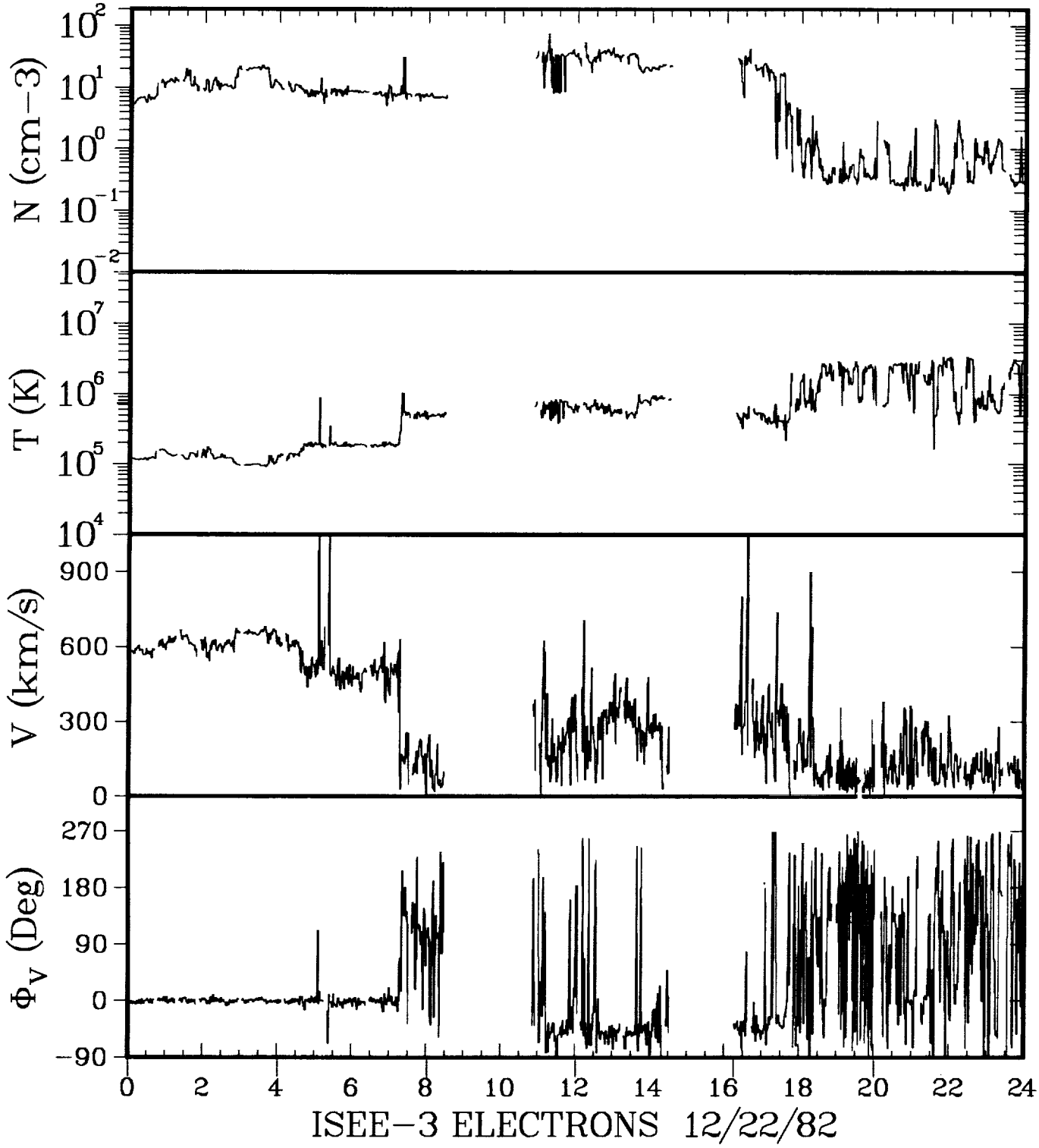


S_1 : 3-30-83 LUNAR SWINGBY
A_3 : 4-11-83 APOGEE
S_2 : 4-23-83 LUNAR SWINGBY
A_4 : 6-30-83 APOGEE
S_3 : 9-27-83 LUNAR SWINGBY

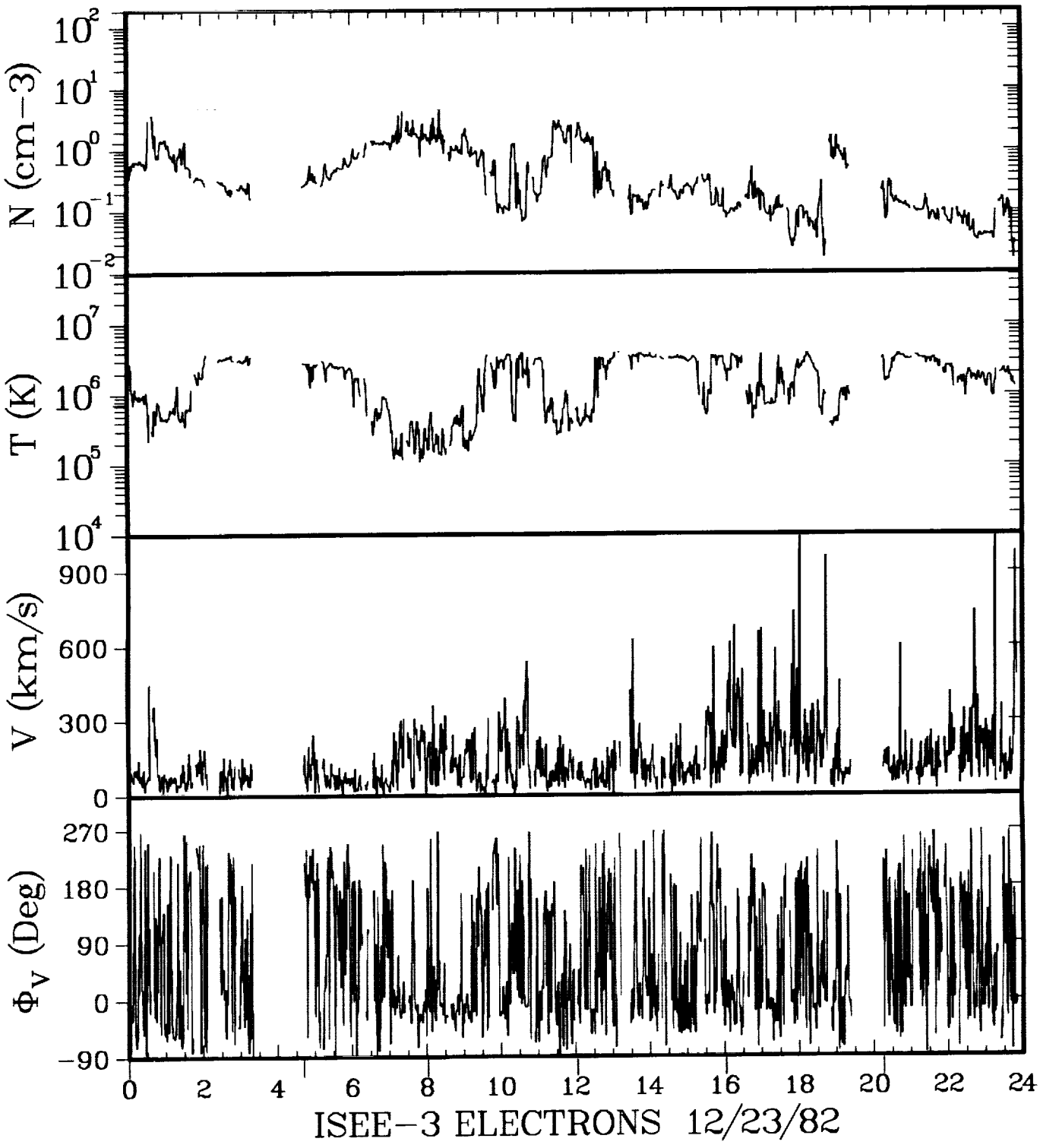
Figure 2



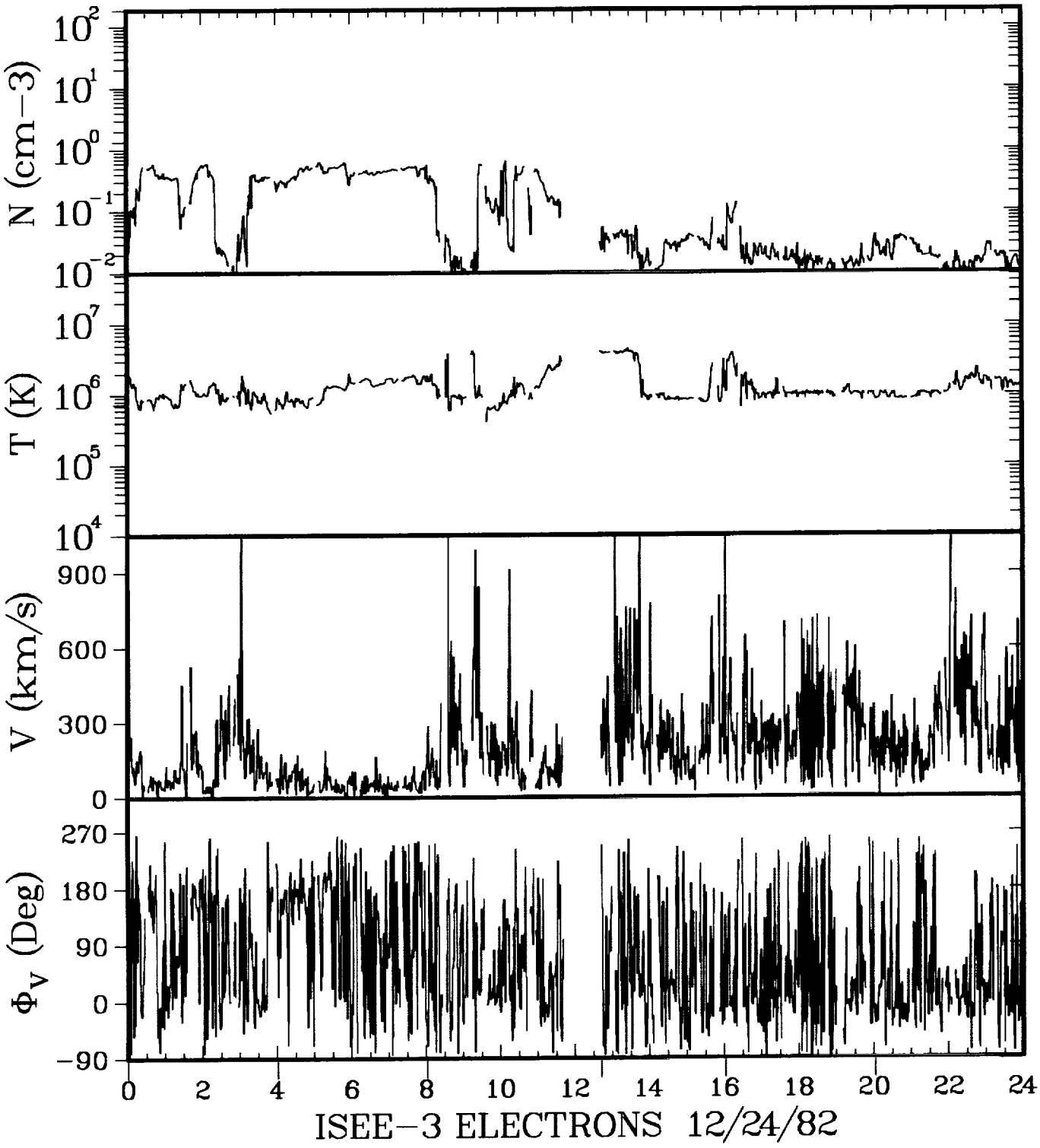
GSEX	8.2	9.7	11.3	12.5	13.8
Y	-33.8	-30.3	-26.1	-22.2	-17.1
Z	-6.8	-6.3	-5.8	-5.3	-4.6
GSMY	-33.0	-30.9	-26.7	-22.7	-16.4
Z	-10.2	-2.0	0.1	-3.1	-6.8



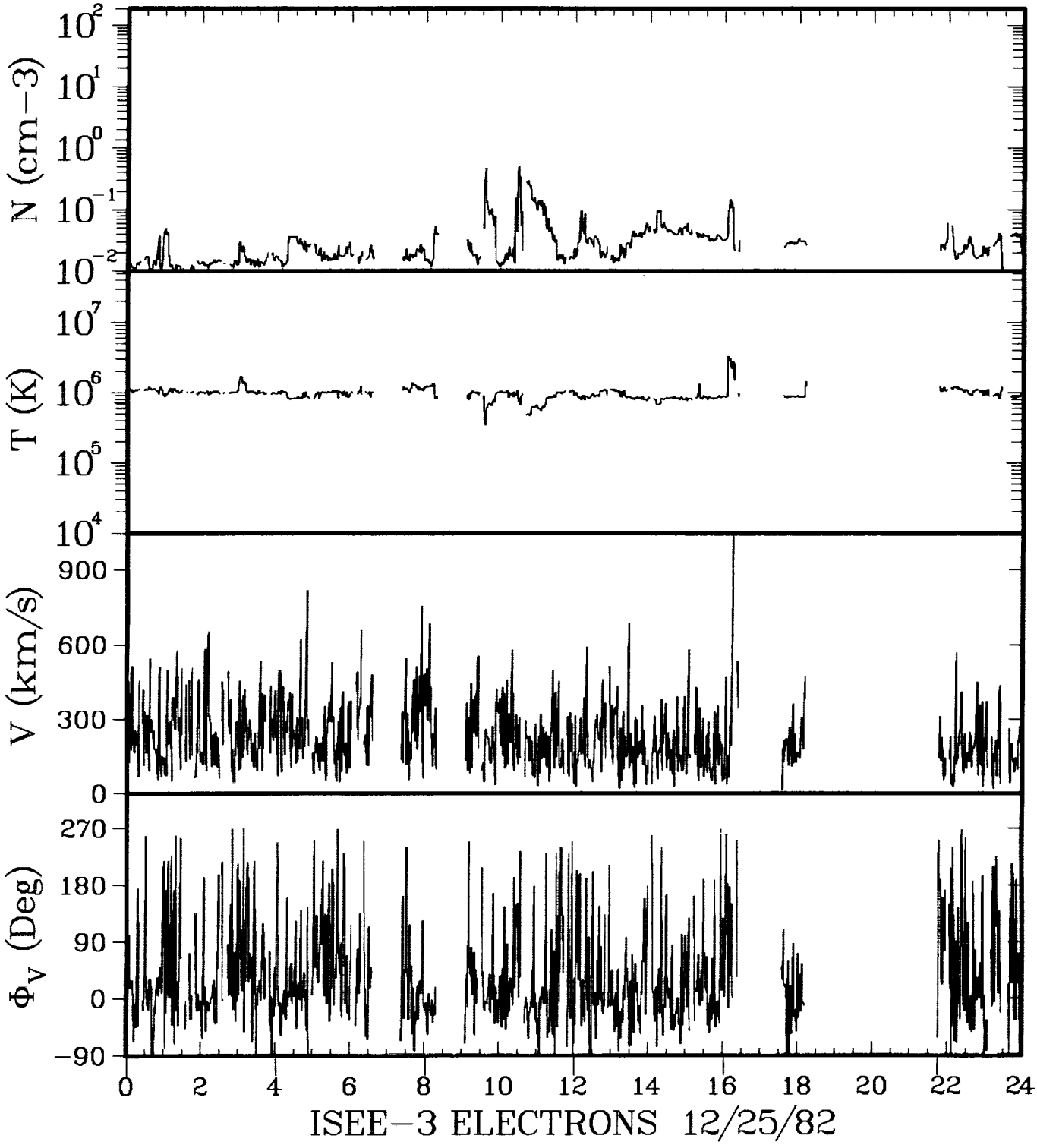
GSEX	14.6	14.5	13.3	10.4	5.5	0.4
Y	-11.1	-5.3	0.8	6.8	11.9	15.0
Z	-3.6	-2.6	-1.4	0.0	1.4	2.6
GSMY	-10.0	-5.2	0.5	6.6	12.0	14.4
Z	-5.9	-2.8	-1.5	-1.4	1.3	5.1



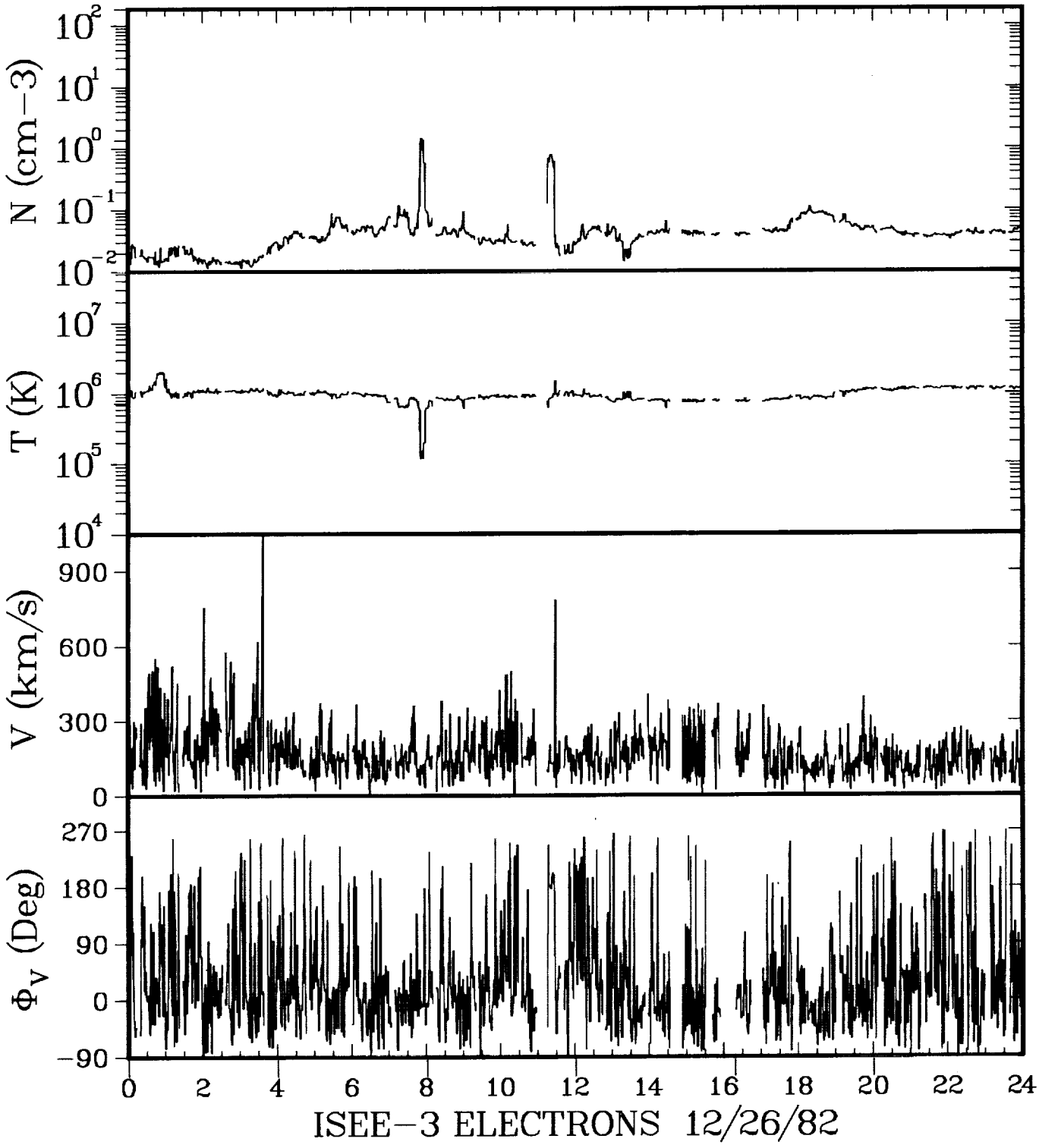
GSEX	-5.0	-11.0	-15.0	-19.6	-23.8	-28.0
Y	17.1	18.4	18.8	19.0	19.0	18.7
Z	3.6	4.5	5.0	5.6	6.0	6.4
GSMY	15.9	18.4	19.4	19.7	19.1	17.2
Z	7.2	4.5	1.6	1.8	5.7	9.8



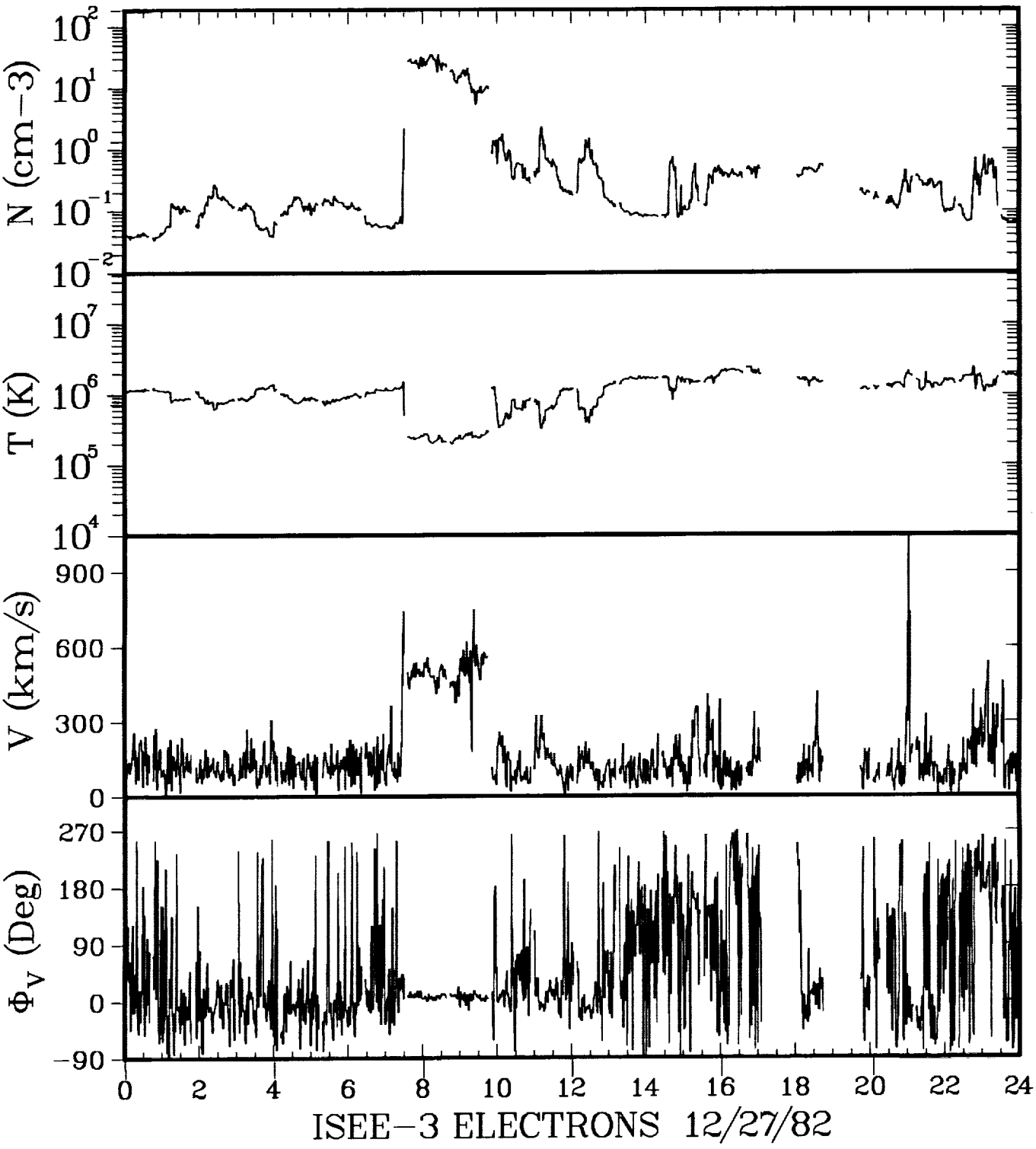
GSEX	-31.5	-35.0	-38.4	-42.2	-44.8	-47.7
Y	18.3	17.9	17.3	16.6	16.1	15.5
Z	6.7	7.0	7.3	7.6	7.8	7.9
GSMY	16.3	17.5	18.3	17.7	16.2	13.7
Z	10.7	8.0	4.3	4.7	7.6	10.7



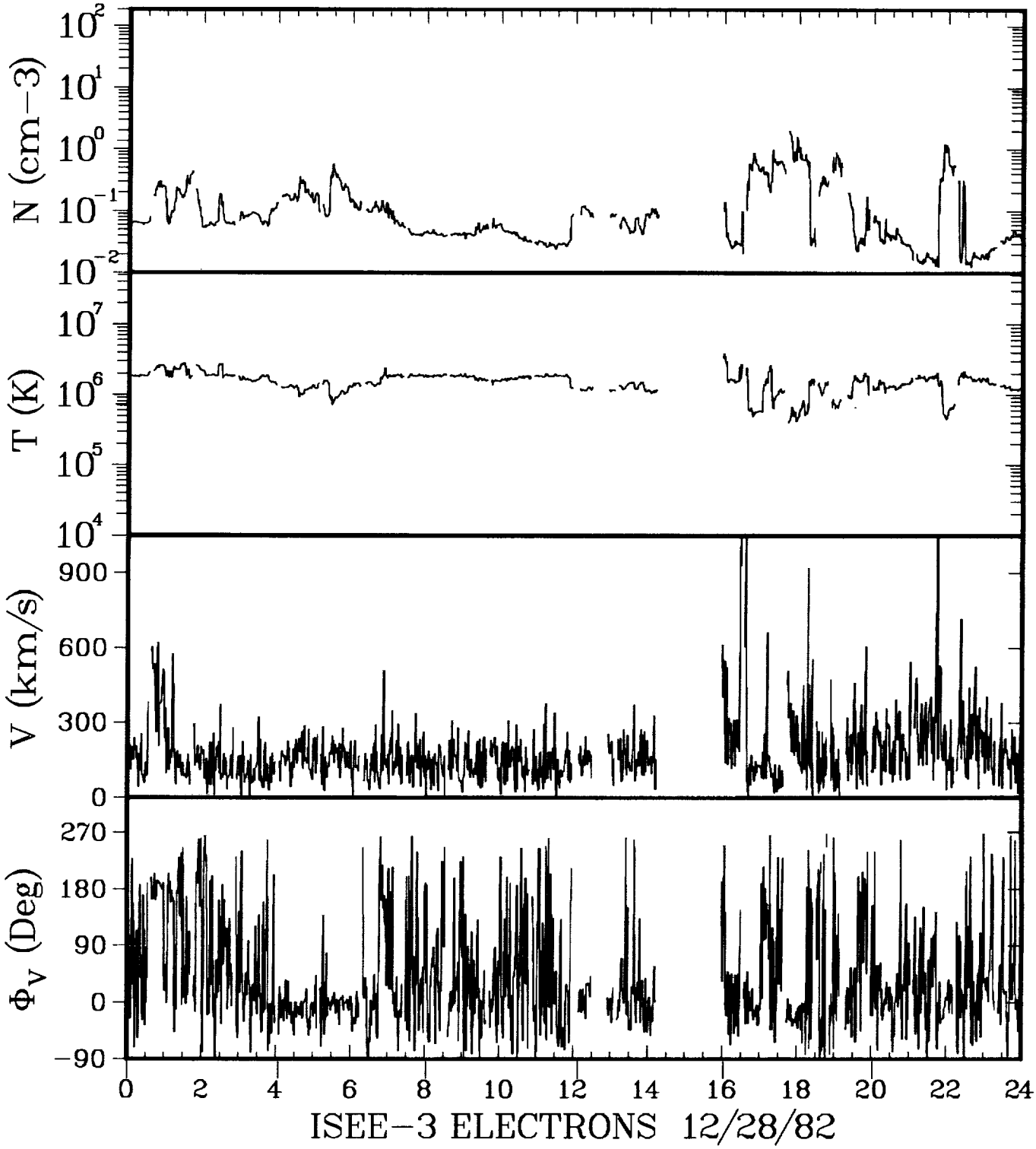
GSEX	-50.6	-53.3	-56.0	-58.6	-61.1	-64.5
Y	14.8	14.1	13.4	12.7	12.0	11.0
Z	8.1	8.3	8.4	8.5	8.6	8.7
GSMY	12.5	13.6	14.6	14.0	12.0	8.5
Z	11.4	9.1	6.1	6.1	8.6	11.1



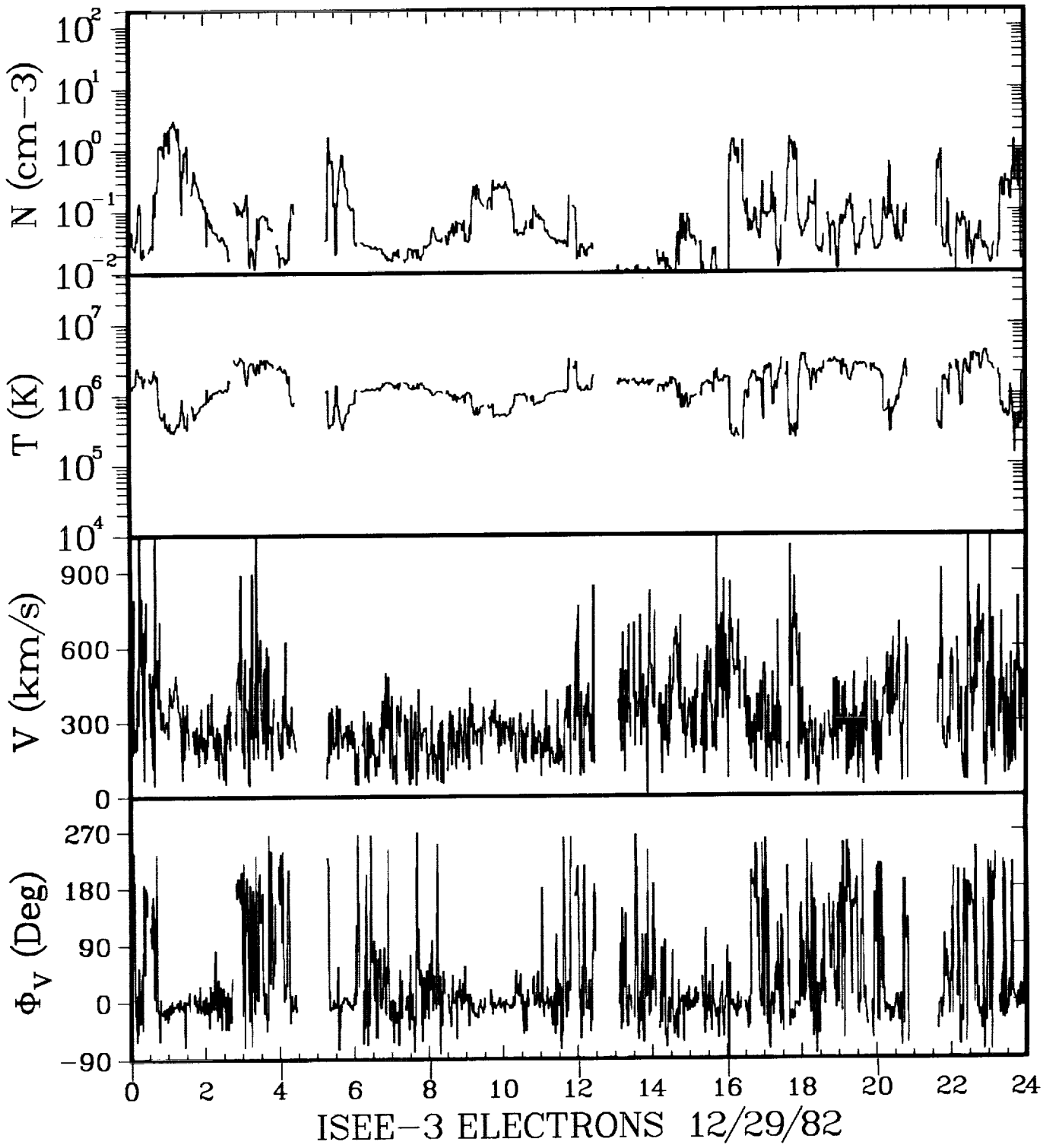
GSEX	-65.8	-68.1	-70.3	-72.5	-74.8	-76.7
Y	10.5	9.8	9.1	8.4	7.7	7.1
Z	8.8	8.9	8.9	9.0	9.0	9.1
GSMY	8.1	9.2	10.4	9.8	7.5	5.1
Z	11.1	9.5	7.4	7.4	9.2	10.3



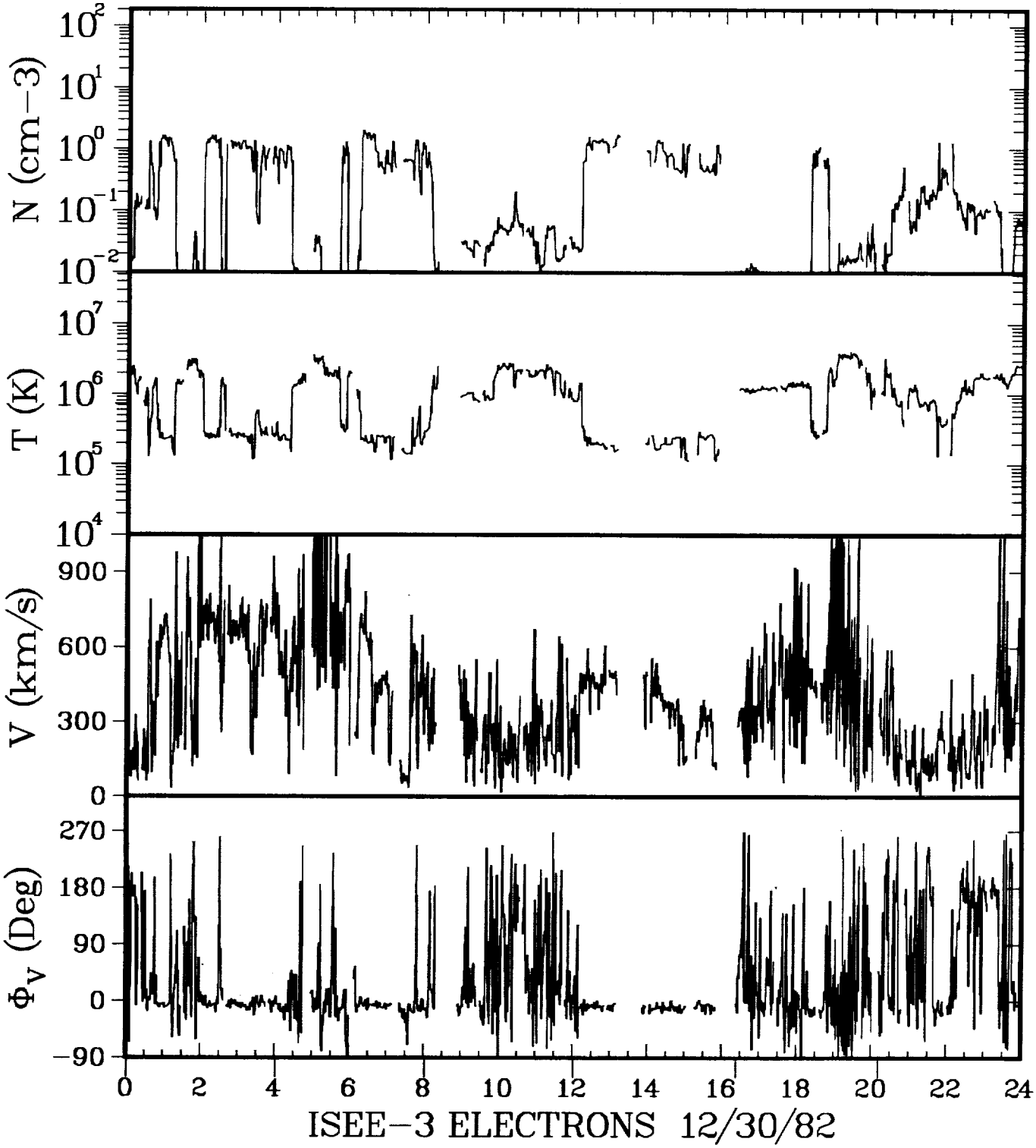
GSEX	-78.7	-80.7	-82.6	-84.5	-86.3	-88.2
Y	6.4	5.7	5.0	4.4	3.7	3.1
Z	9.1	9.2	9.2	9.2	9.2	9.2
GSMY	3.9	5.0	6.3	5.8	3.6	1.1
Z	10.4	9.6	8.3	8.4	9.3	9.7



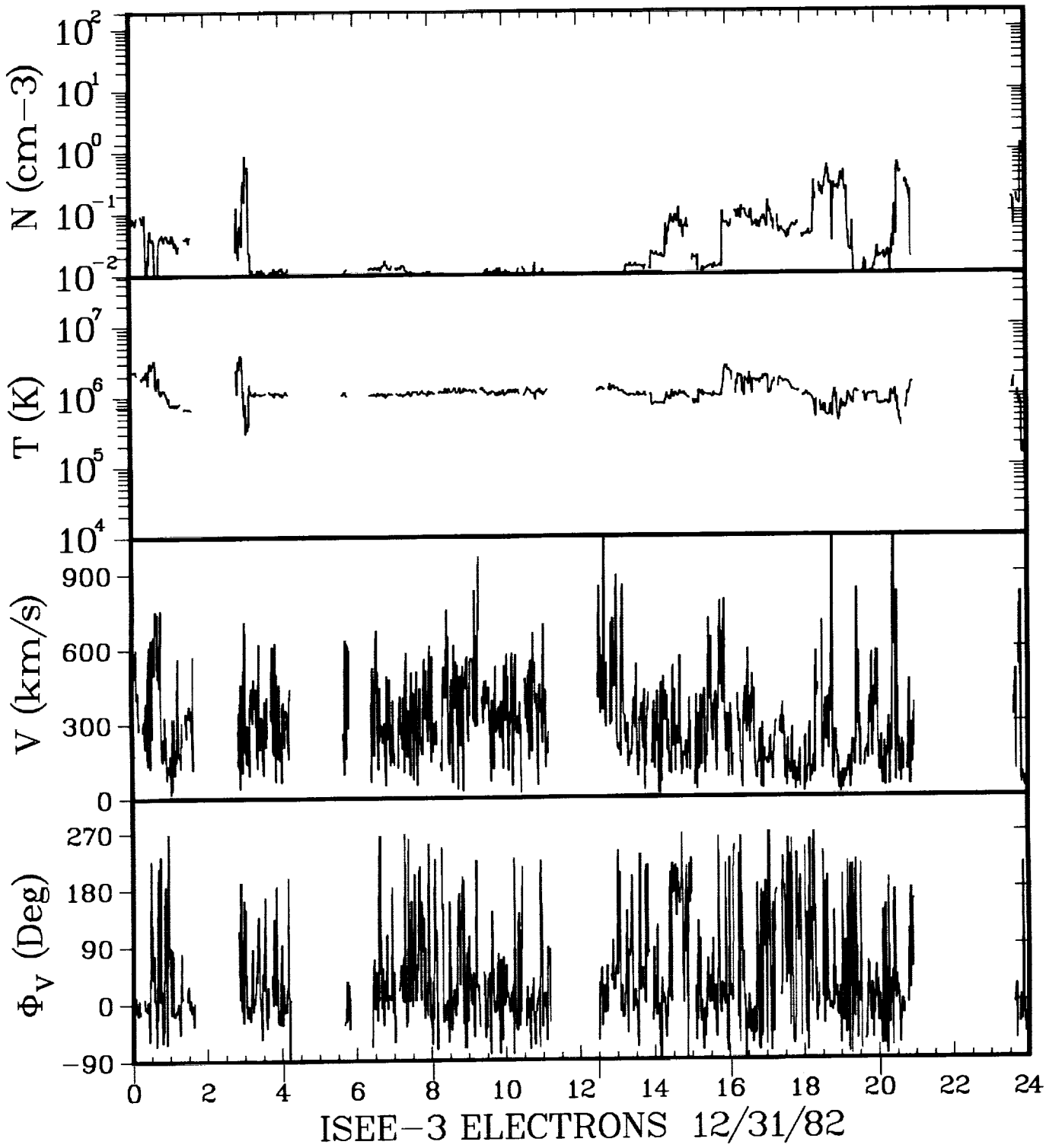
GSEX	-89.9	-91.7	-93.3	-95.0	-96.7	-98.3
Y	2.5	1.8	1.2	0.6	0.0	-0.5
Z	9.2	9.2	9.2	9.2	9.2	9.2
GSMY	0.0	1.1	2.5	2.0	-0.1	-2.5
Z	9.6	9.3	9.0	9.0	9.2	8.9



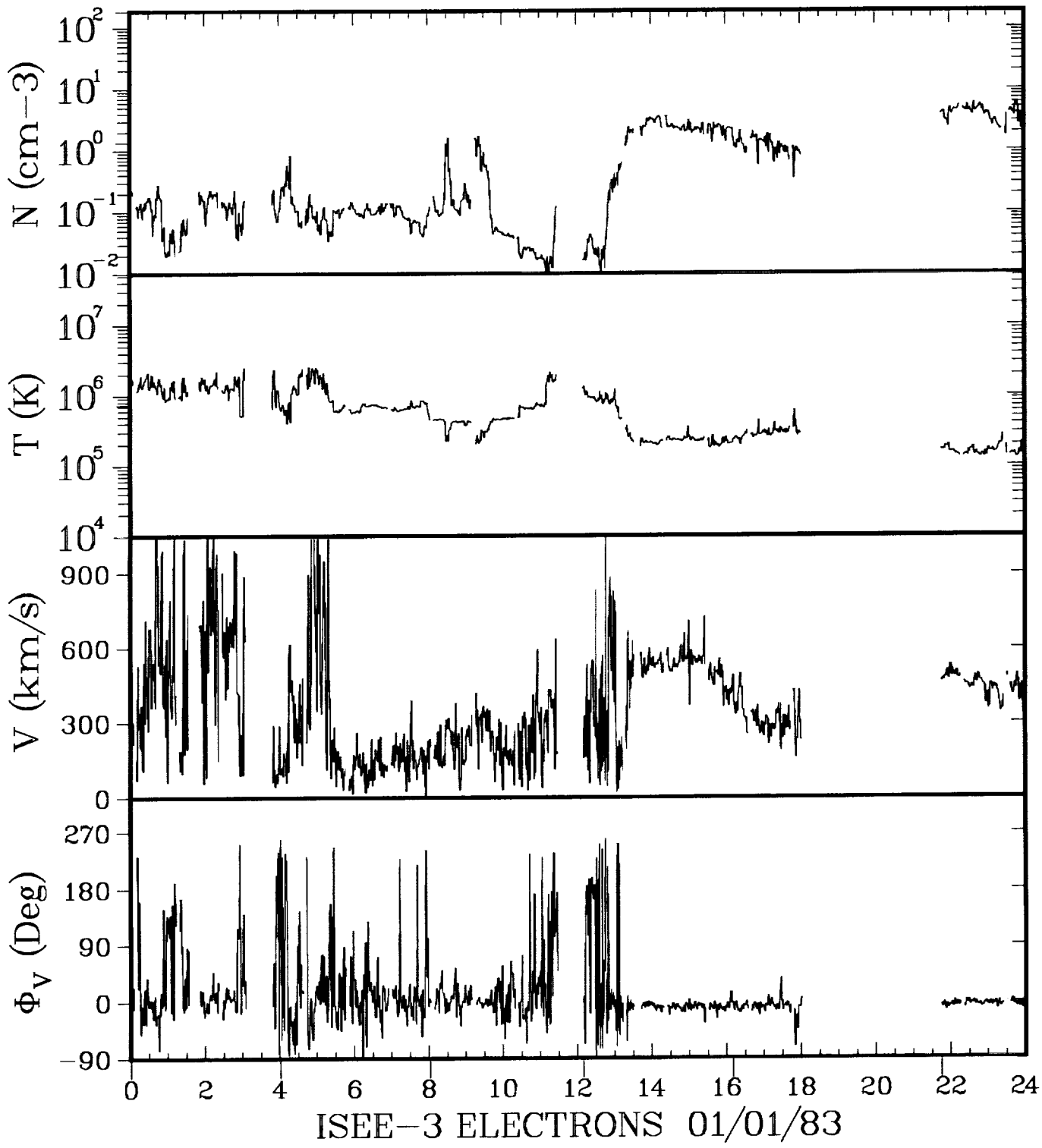
GSEX	-99.8	-101.4	-102.9	-104.4	-105.9	-107.3
Y	-1.1	-1.7	-2.2	-2.8	-3.3	-3.8
Z	9.2	9.2	9.1	9.1	9.1	9.0
GSMY	-3.5	-2.5	-1.0	-1.4	-3.5	-5.7
Z	8.6	9.0	9.3	9.4	9.0	8.0



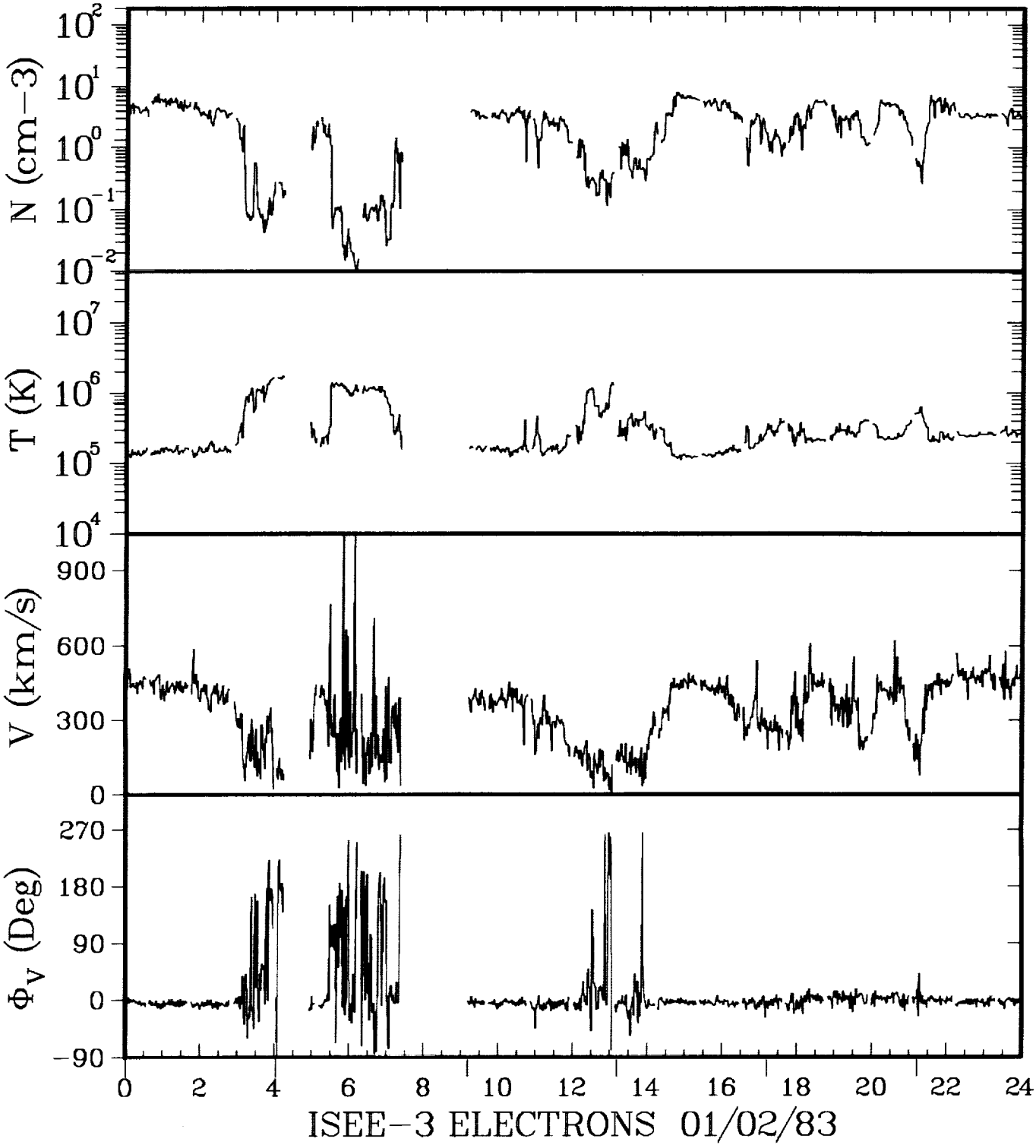
GSEX	-108.7	-110.1	-111.5	-112.9	-114.3	-115.6
Y	-4.3	-4.8	-5.3	-5.8	-6.3	-6.8
Z	9.0	9.0	8.9	8.9	8.8	8.8
GSMY	-6.6	-5.7	-4.2	-4.5	-6.8	-8.6
Z	7.5	8.4	9.5	9.6	8.5	7.0



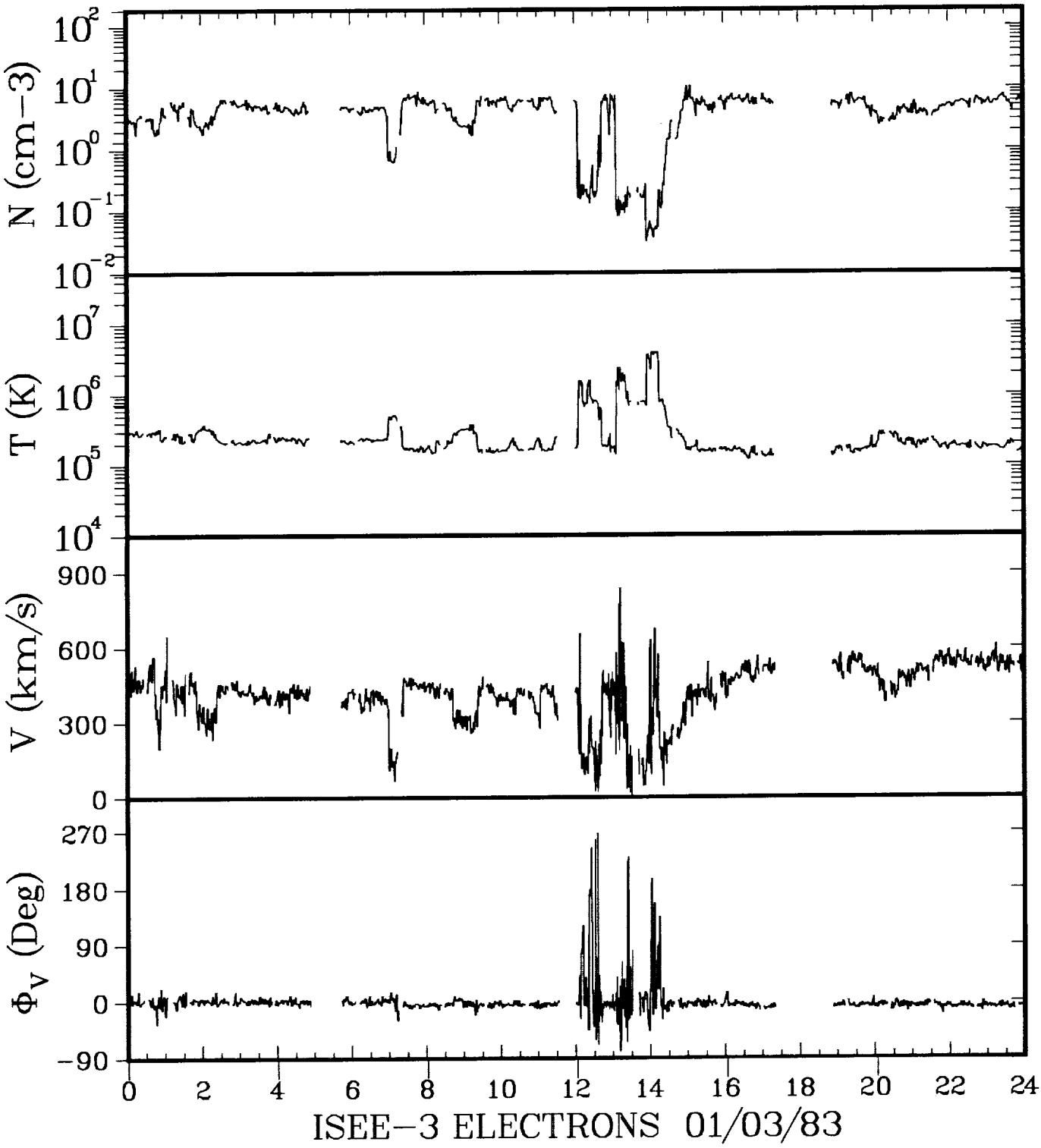
GSEX	-116.8	-118.1	-119.3	-120.7	-121.8	-123.0
Y	-7.2	-7.7	-8.1	-8.6	-8.9	-9.4
Z	8.8	8.7	8.6	8.6	8.5	8.5
GSMY	-9.4	-8.6	-7.1	-7.5	-9.3	-11.1
Z	6.4	7.8	9.5	9.6	8.2	6.0



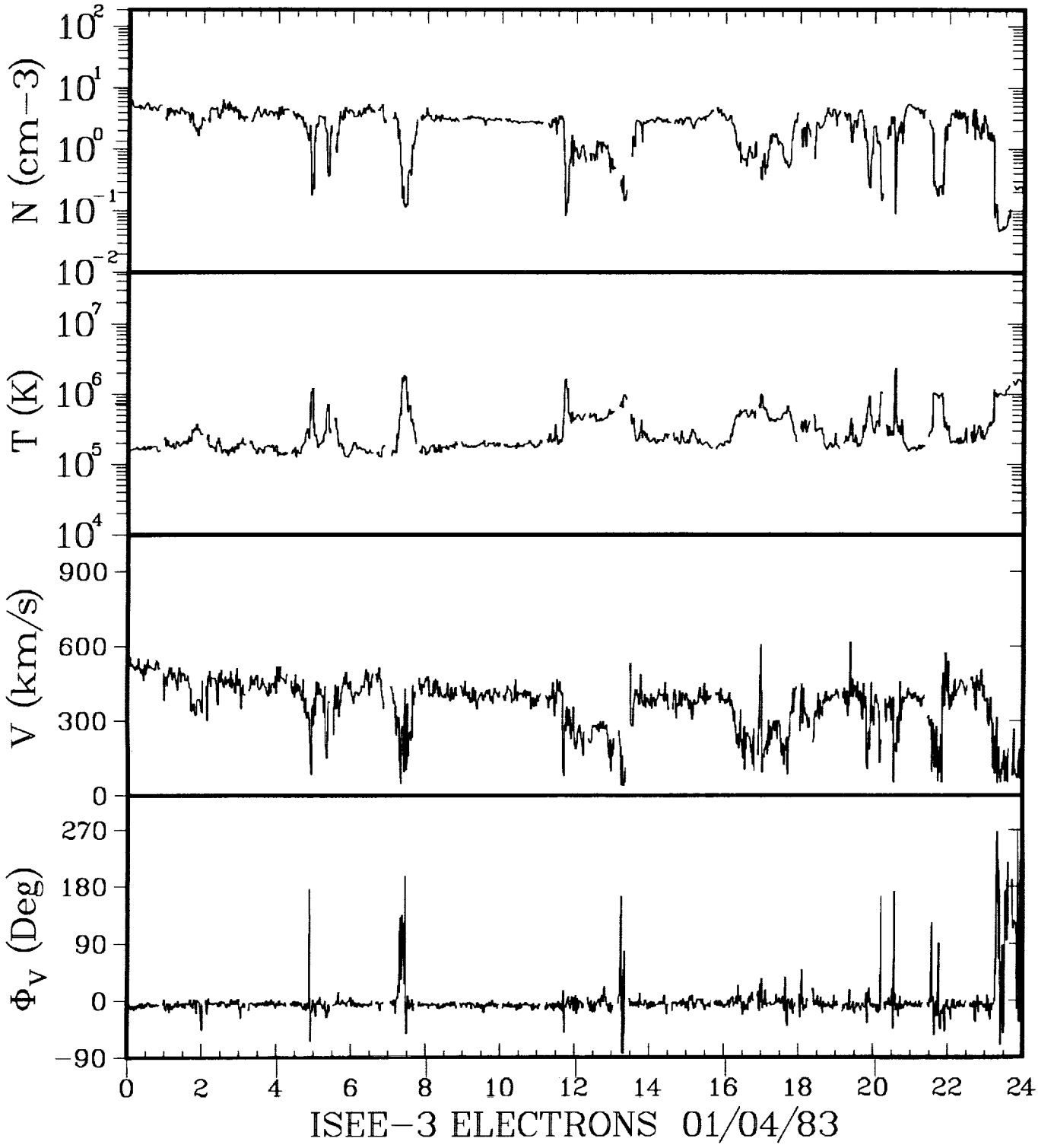
GSEX	-124.2	-125.3	-126.5	-127.7	-128.8	-130.3
Y	-9.8	-10.2	-10.5	-10.9	-11.3	-11.8
Z	8.4	8.4	8.3	8.2	8.2	8.1
GSMY	-11.8	-11.1	-9.6	-9.9	-11.7	-13.6
Z	5.3	7.1	9.4	9.5	7.5	4.3



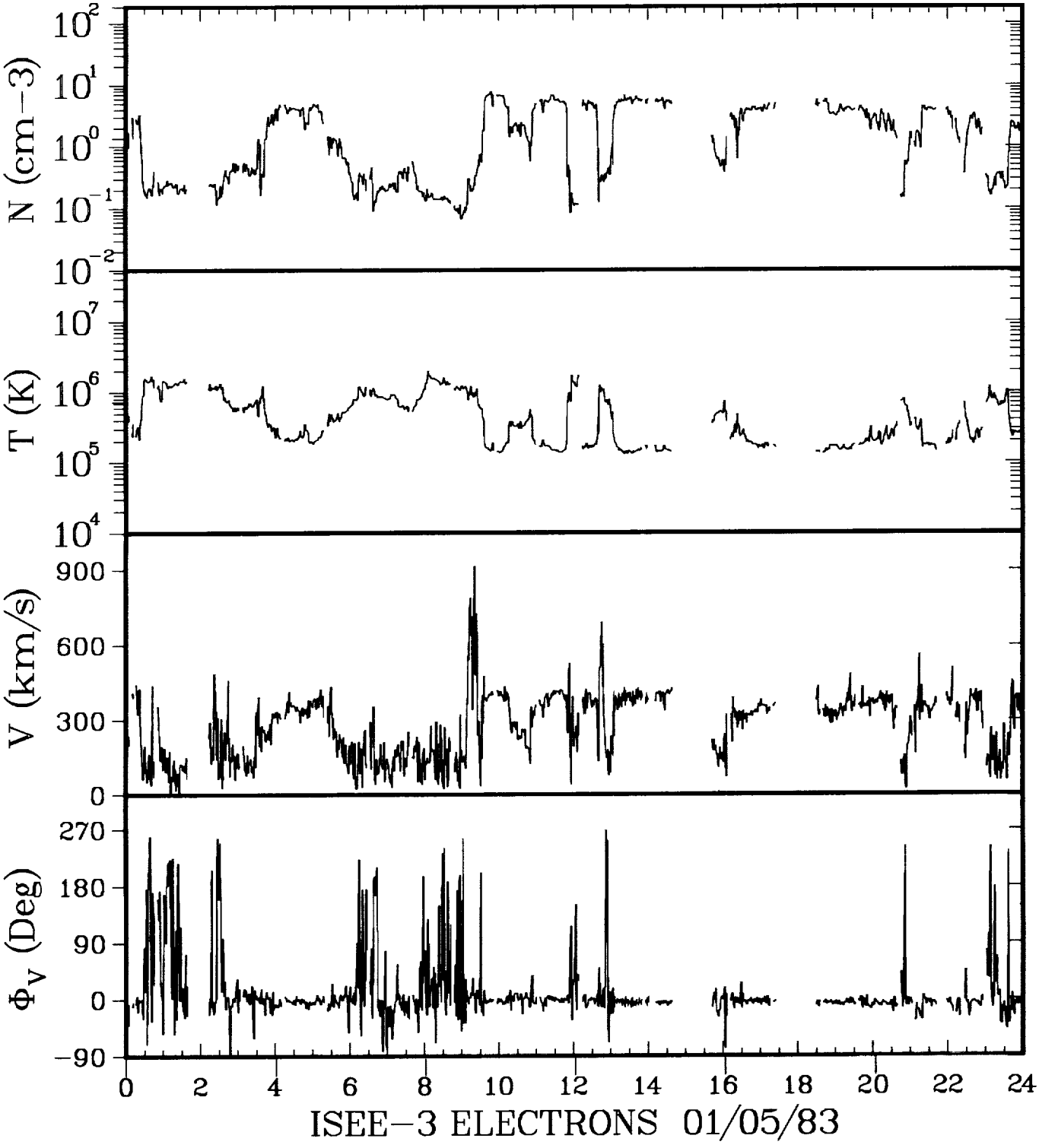
GSEX	-130.9	-132.0	-133.4	-134.4	-135.4	-136.5
Y	-12.0	-12.3	-12.8	-13.1	-13.4	-13.7
Z	8.0	8.0	7.9	7.8	7.7	7.7
GSMY	-13.8	-13.2	-11.6	-12.4	-14.2	-15.3
Z	4.2	6.4	9.4	8.8	6.1	3.4



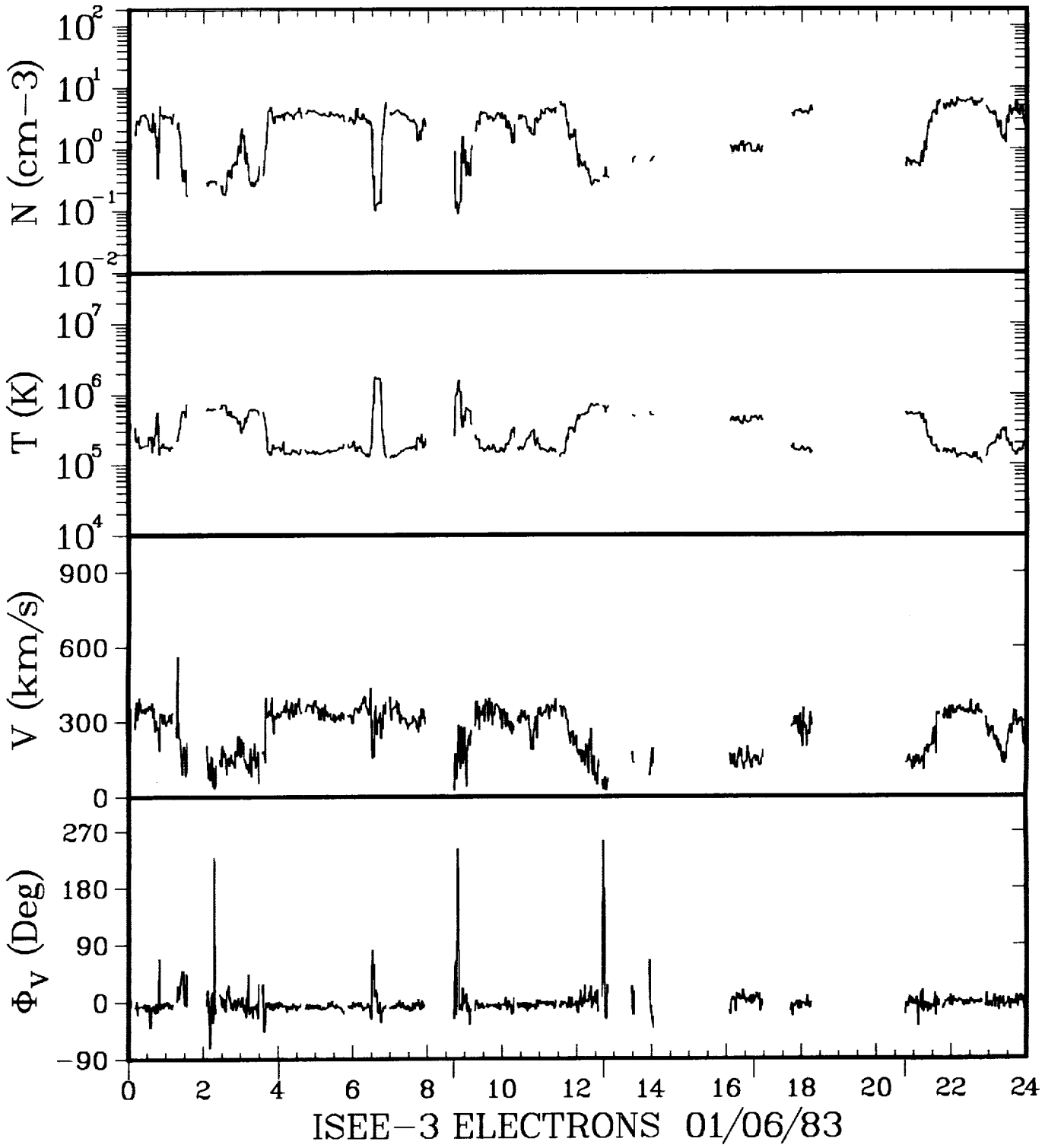
GSEX	-137.2	-138.2	-139.1	-140.1	-141.1	-142.0
Y	-13.9	-14.2	-14.5	-14.7	-15.0	-15.3
Z	7.6	7.5	7.5	7.4	7.3	7.2
GSMY	-15.5	-15.1	-13.7	-13.9	-15.4	-16.6
Z	3.1	5.6	8.7	8.9	6.4	3.0



GSEX	-143.0	-143.9	-144.8	-145.7	-146.6	-147.5
Y	-15.5	-15.8	-16.0	-16.2	-16.4	-16.6
Z	7.1	7.1	7.0	6.9	6.8	6.7
GSMY	-17.0	-16.6	-15.4	-15.4	-16.9	-17.8
Z	2.0	4.8	8.3	8.5	5.7	2.1

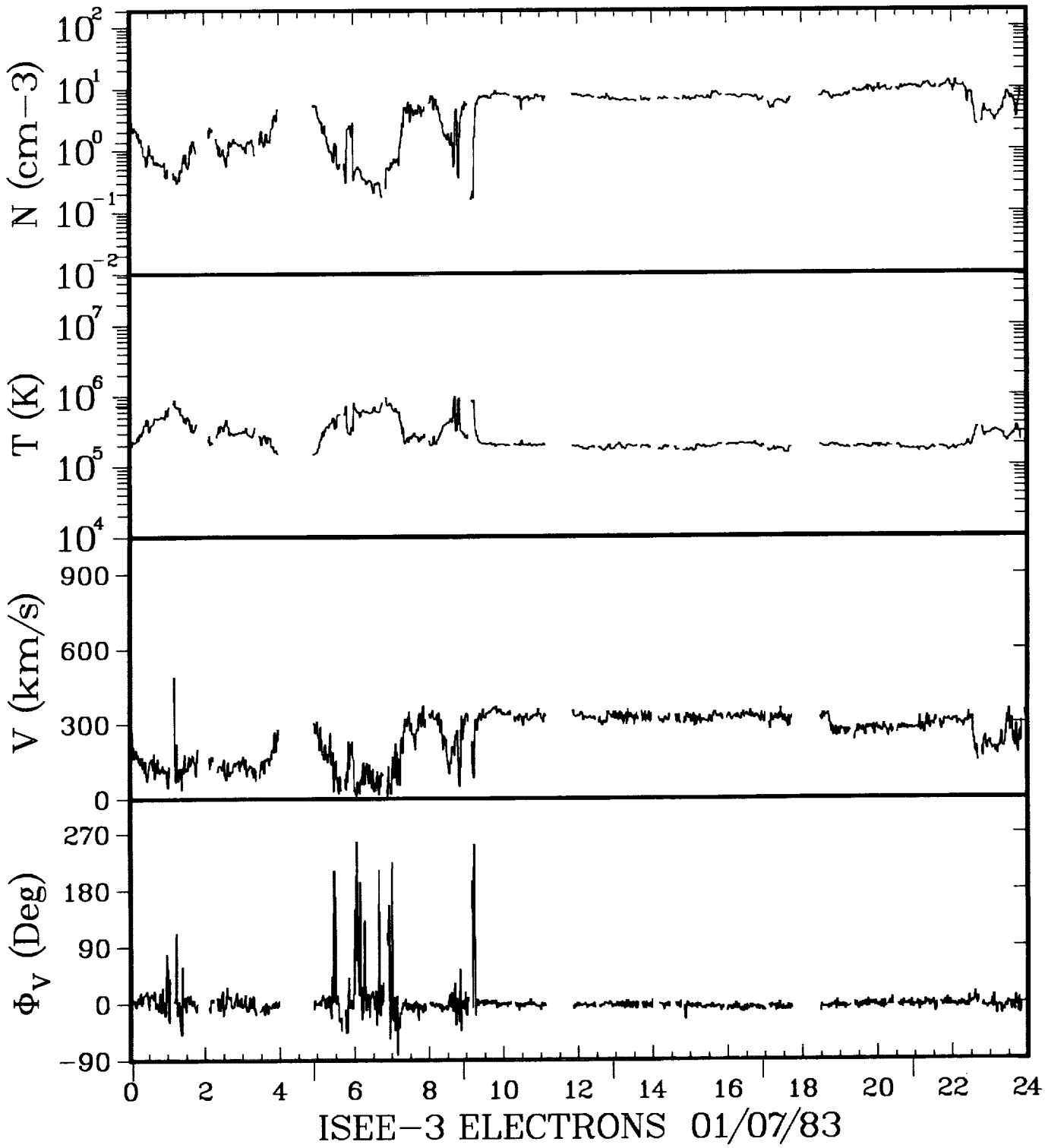


GSEX	-148.3	-149.2	-150.1	-150.9	-151.8	-152.6
Y	-16.8	-17.0	-17.2	-17.4	-17.6	-17.7
Z	6.6	6.5	6.5	6.4	6.3	6.2
GSMY	-18.1	-17.8	-16.7	-16.7	-18.0	-18.7
Z	1.0	3.9	7.7	8.0	4.9	1.1

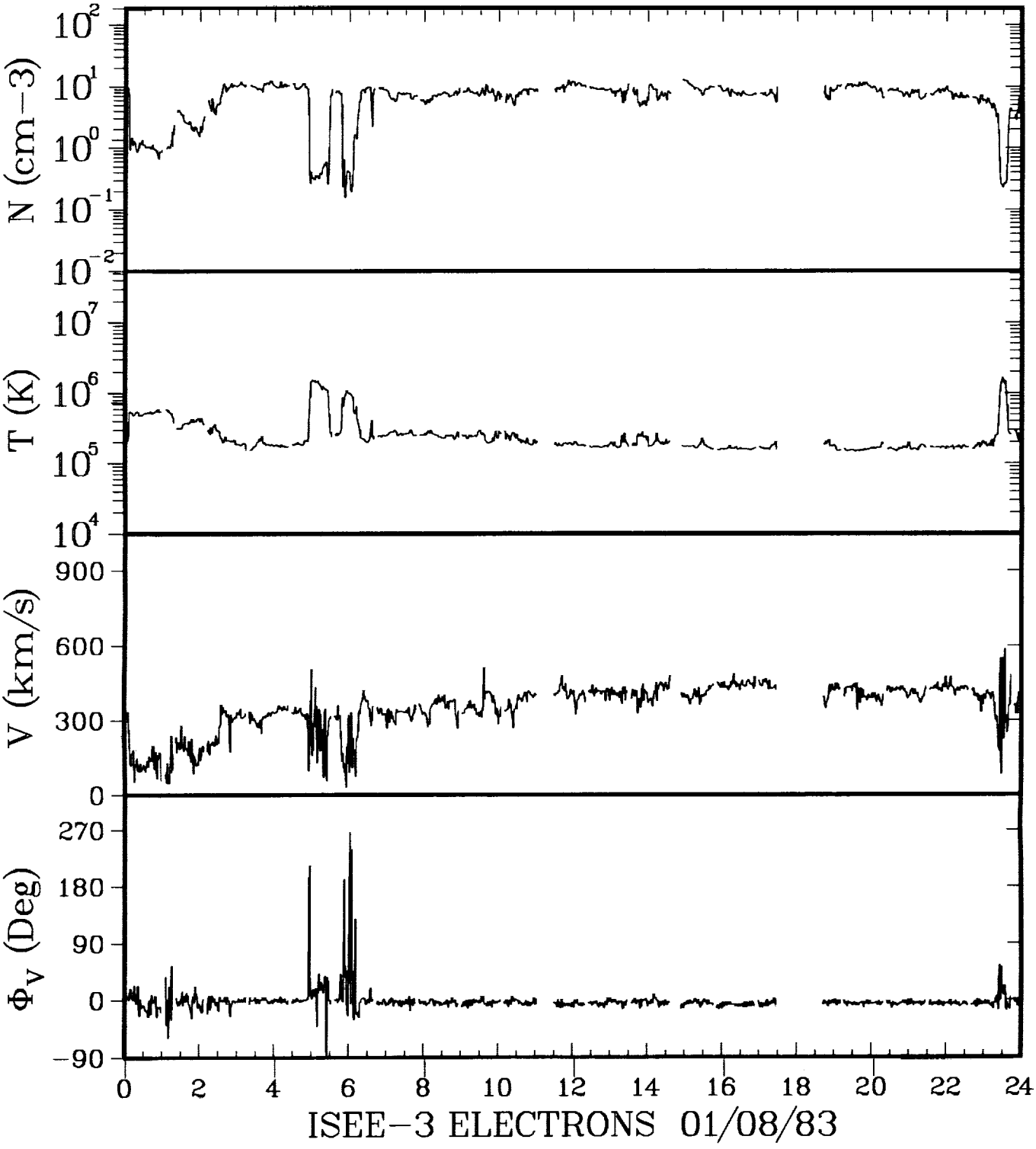


ISEE−3 ELECTRONS 01/06/83

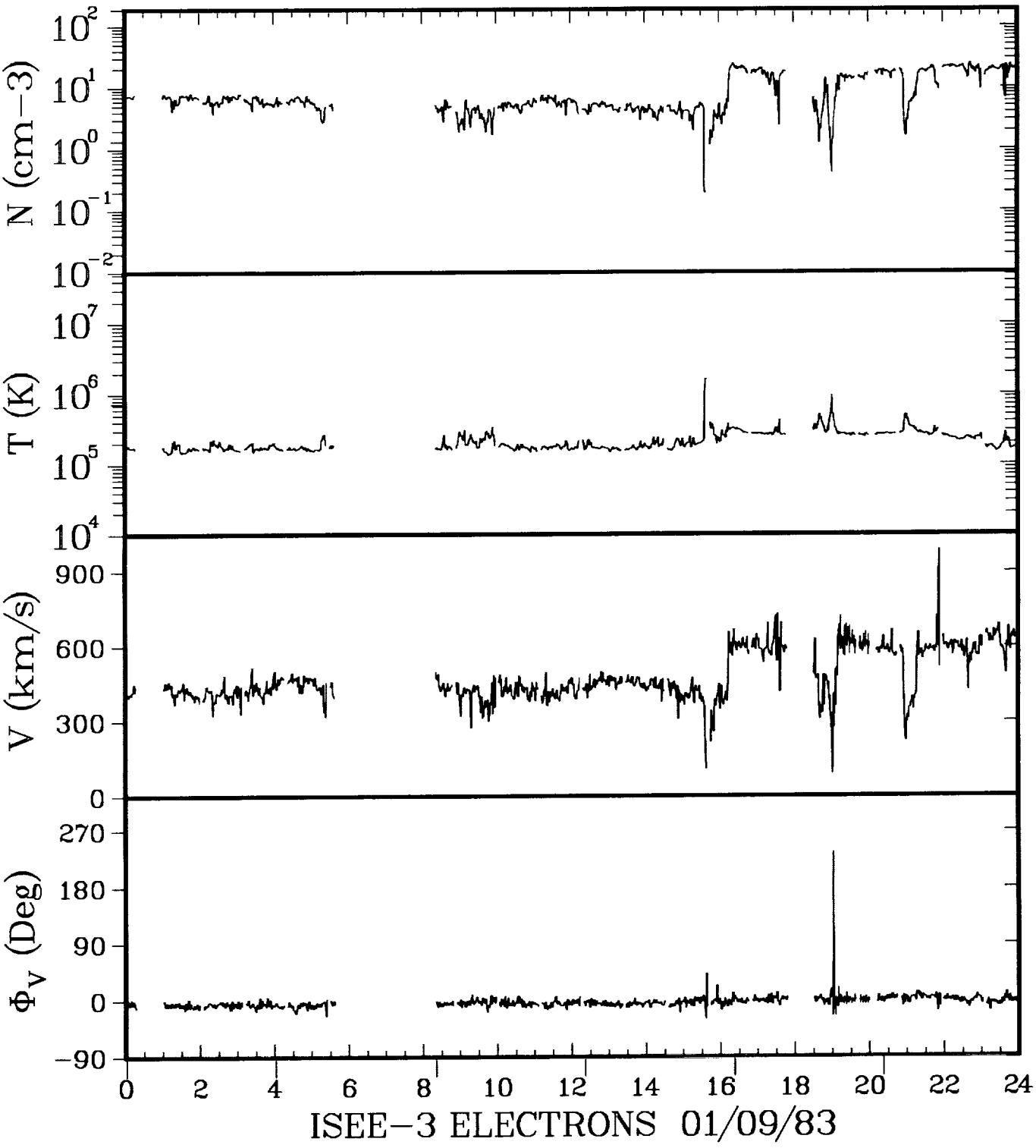
GSEX	-153.4	-154.2	-155.1	-155.9	-156.7	-157.5
Y	-17.9	-18.0	-18.2	-18.3	-18.4	-18.6
Z	6.1	6.0	5.9	5.8	5.7	5.6
GSMY	-18.9	-18.7	-17.6	-17.9	-19.0	-19.4
Z	0.0	3.1	7.5	7.0	3.5	-0.2



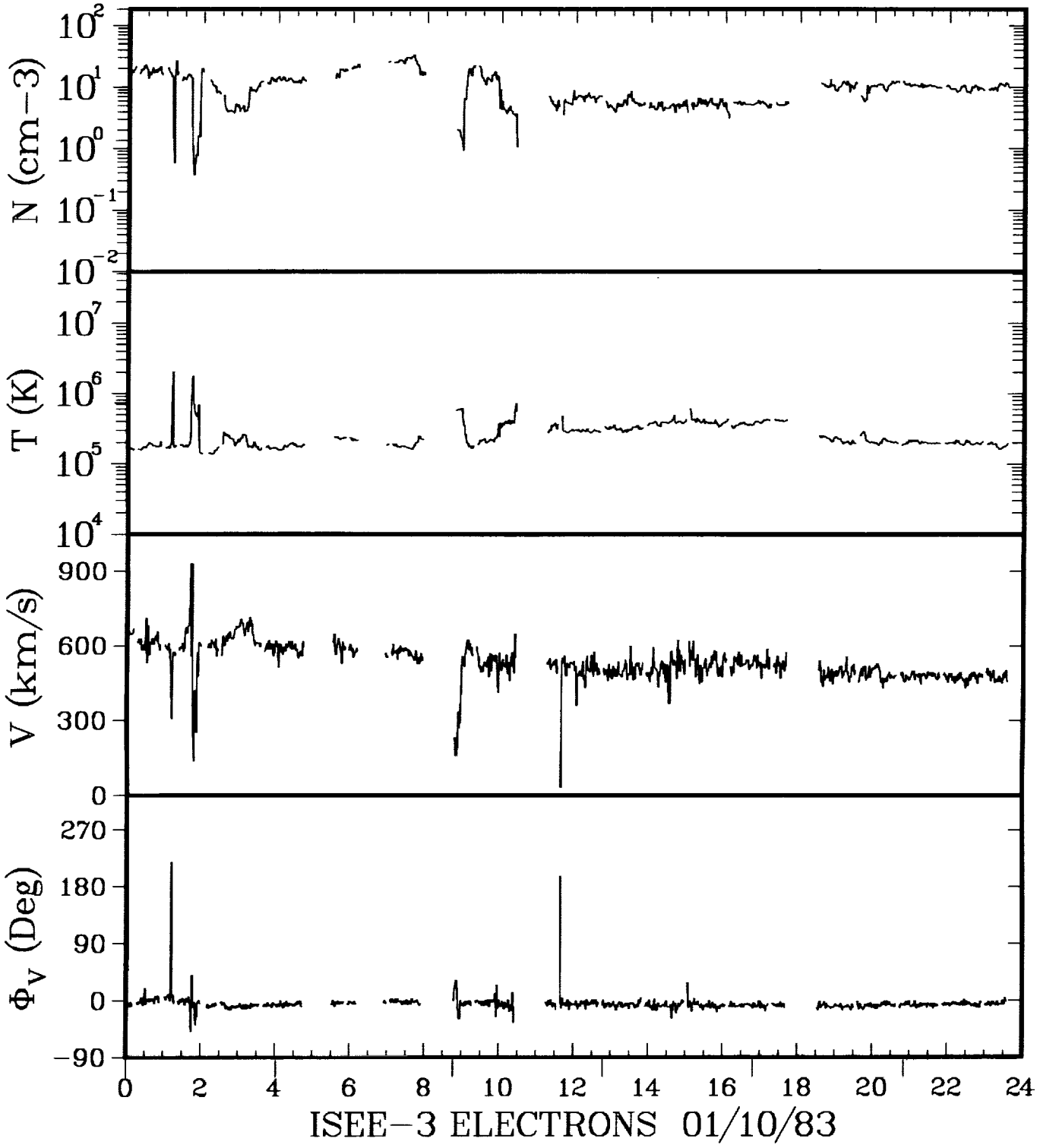
GSEX	-158.1	-159.1	-159.8	-160.6	-161.3	-162.0
Y	-18.7	-18.8	-18.9	-19.0	-19.0	-19.1
Z	5.5	5.4	5.3	5.2	5.1	5.0
GSMY	-19.4	-19.3	-18.4	-18.6	-19.6	-19.7
Z	-0.9	3.4	6.9	6.2	2.5	-1.2



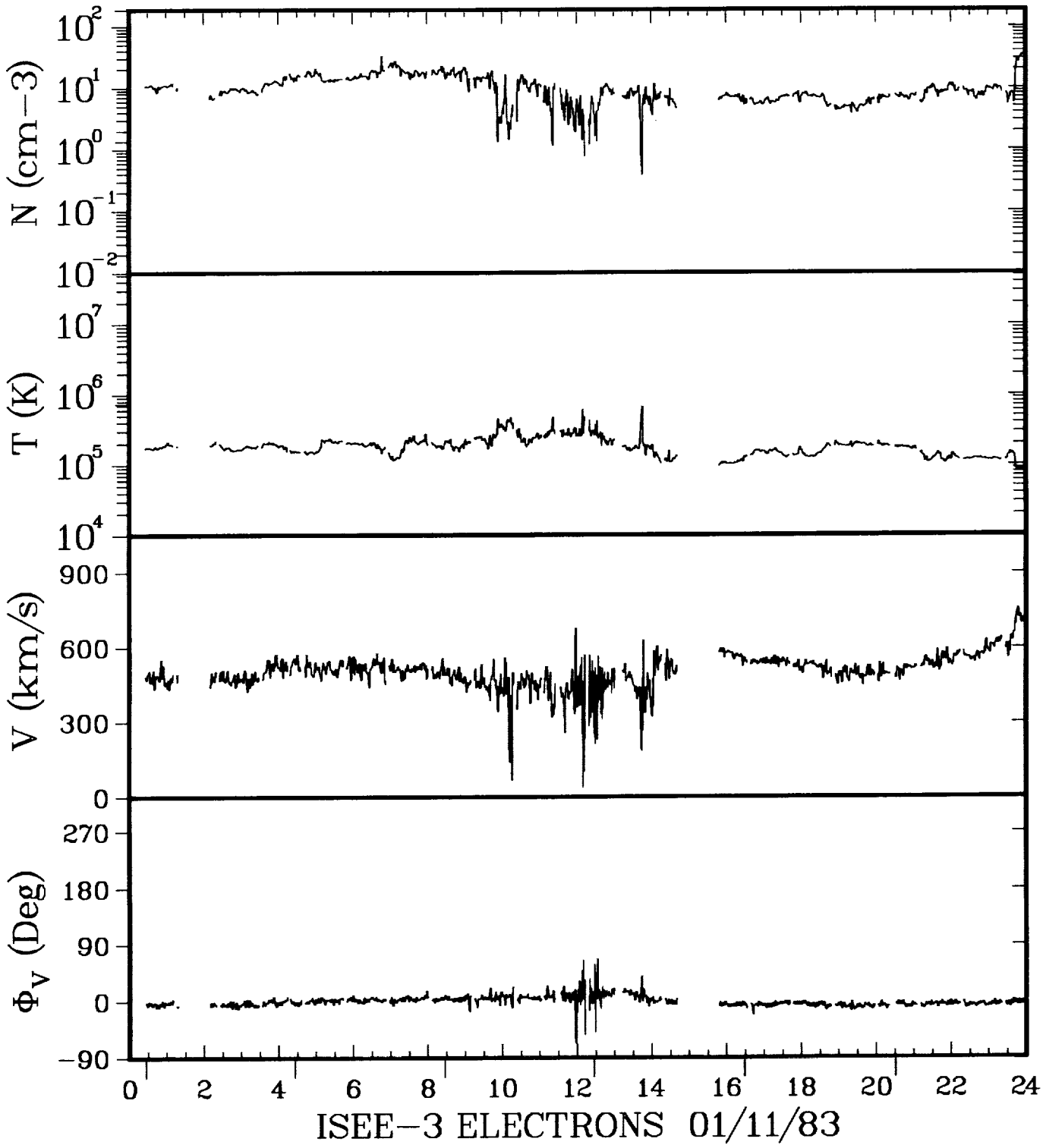
GSEX	-162.6	-163.3	-164.0	-164.7	-165.4	-166.1
Y	-19.2	-19.2	-19.3	-19.3	-19.4	-19.4
Z	5.0	4.9	4.8	4.7	4.6	4.5
GSMY	-19.7	-19.8	-19.0	-19.0	-19.7	-19.9
Z	-1.8	1.5	5.7	6.0	2.7	-1.4



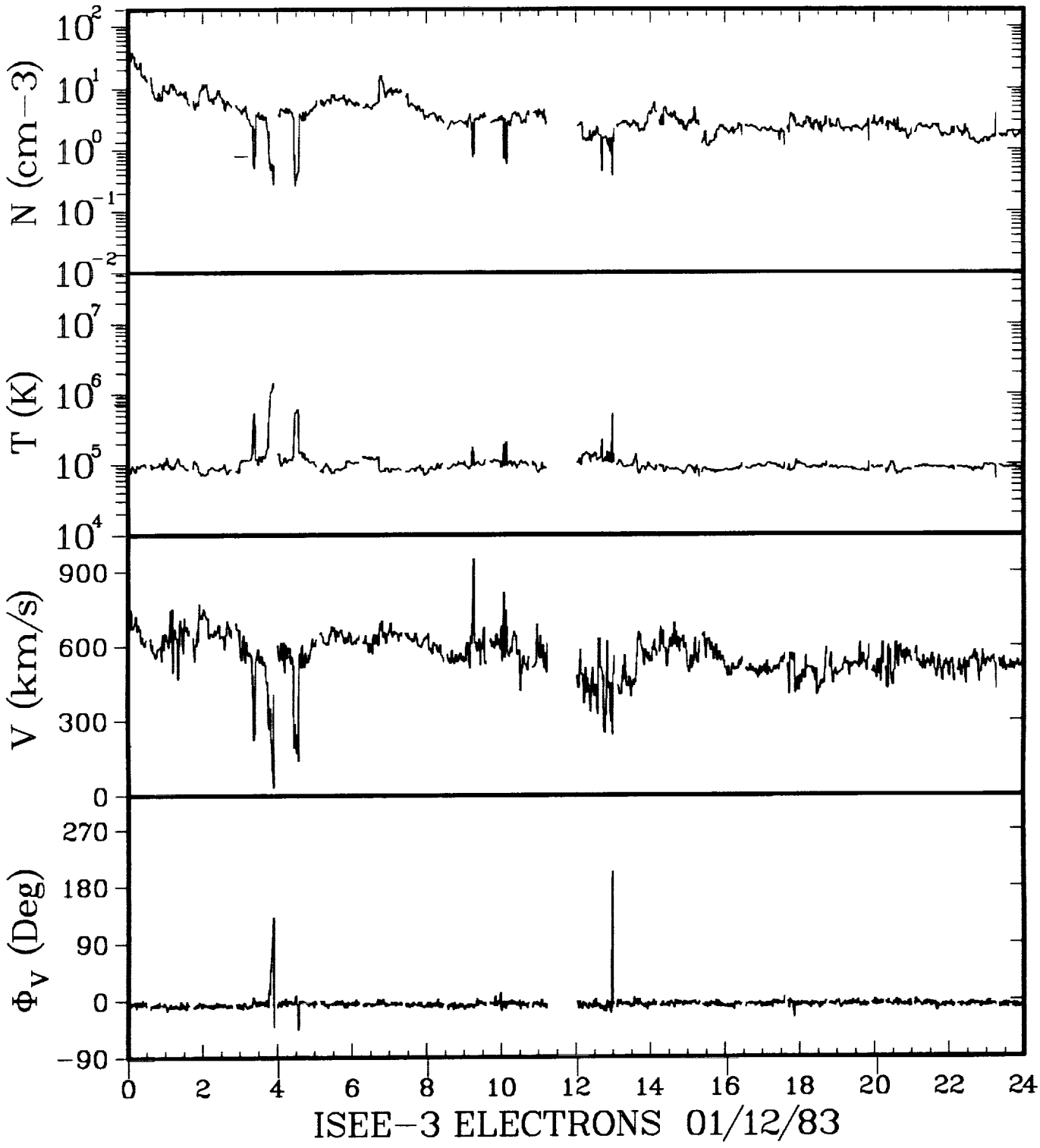
GSEX	-166.8	-167.5	-168.2	-168.9	-169.5	-170.2
Y	-19.5	-19.5	-19.5	-19.5	-19.5	-19.5
Z	4.4	4.3	4.1	4.0	3.9	3.8
GSMY	-19.8	9.9	-19.2	-19.2	-19.8	-19.7
Z	-2.6	0.7	5.2	5.2	1.6	-2.4



GSEX	-170.8	-171.4	-172.2	-172.8	-173.4	-174.0
Y	-19.5	-19.5	-19.5	-19.5	-19.4	-19.4
Z	3.7	3.6	3.5	3.4	3.3	3.2
GSMY	-19.6	-19.8	-19.2	-19.3	-19.7	-19.4
Z	-3.3	-0.1	4.7	4.1	0.4	-3.4

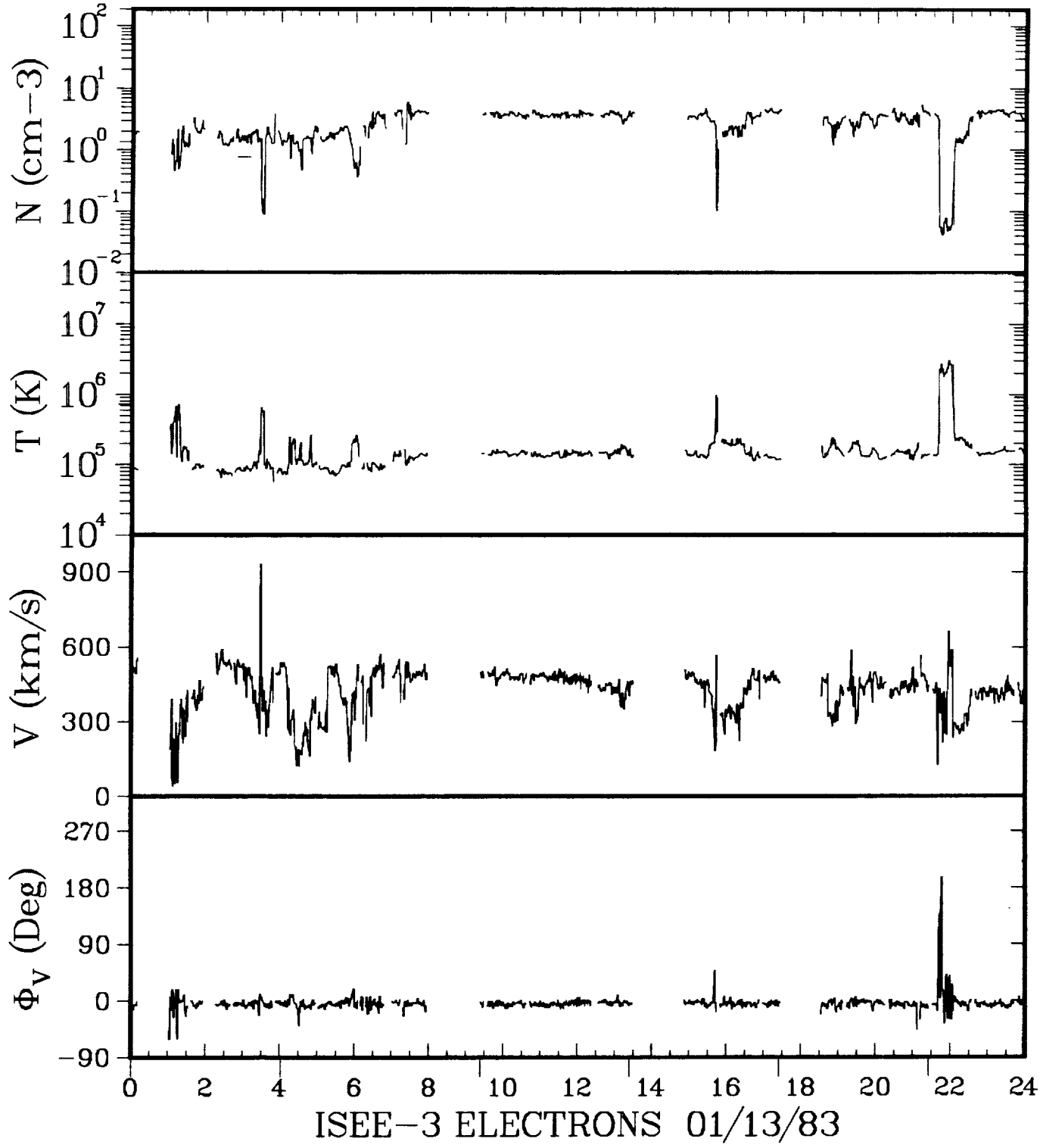


GSEX	-174.6	-175.2	-175.8	-176.4	-177.0	-177.6
Y	-19.4	-19.3	-19.3	-19.2	-19.2	-19.1
Z	3.1	3.0	2.9	2.8	2.7	2.6
GSMY	-19.2	-19.6	-19.1	-19.1	-19.3	-18.9
Z	-3.8	-0.3	3.7	3.6	0.0	-3.8

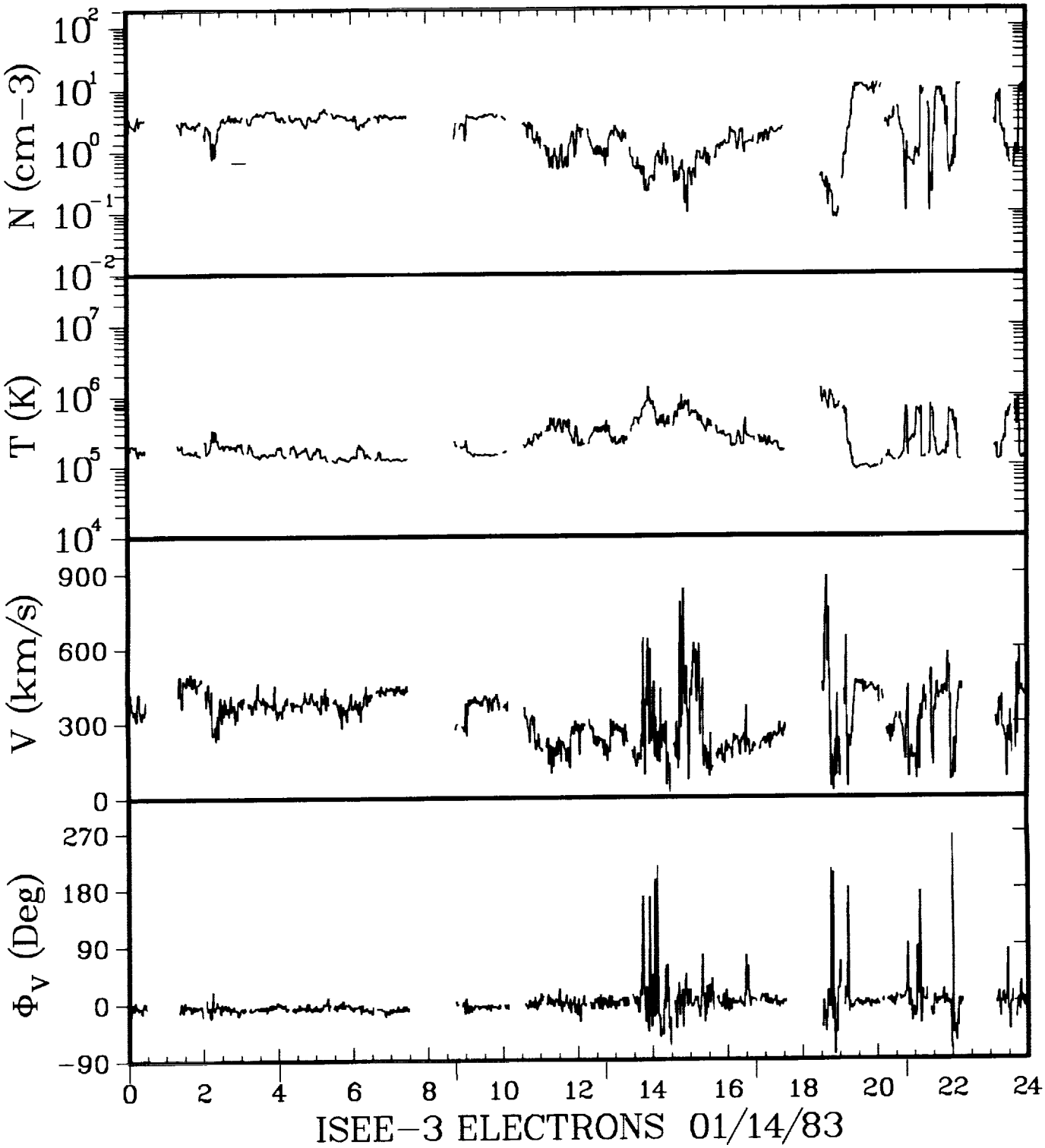


ISEE−3 ELECTRONS 01/12/83

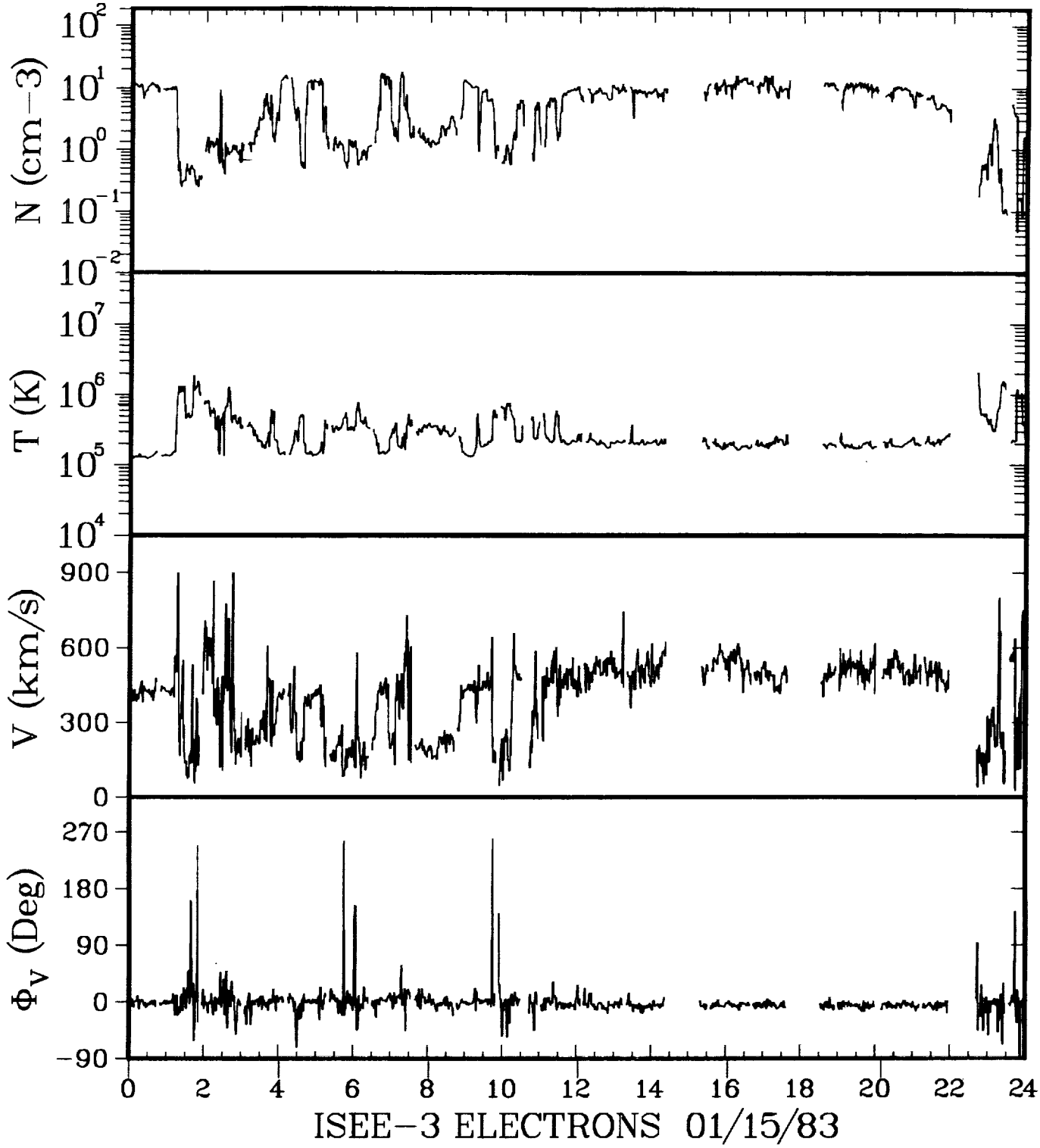
GSEX	-178.1	-178.7	-179.3	-179.8	-180.4	-181.0
Y	-19.0	-19.0	-18.9	-18.8	-18.7	-18.6
Z	2.5	2.4	2.3	2.2	2.1	2.0
GSMY	-18.6	-19.0	-18.8	-18.7	-18.8	-18.3
Z	-4.6	-1.5	2.7	3.0	-0.2	-4.1



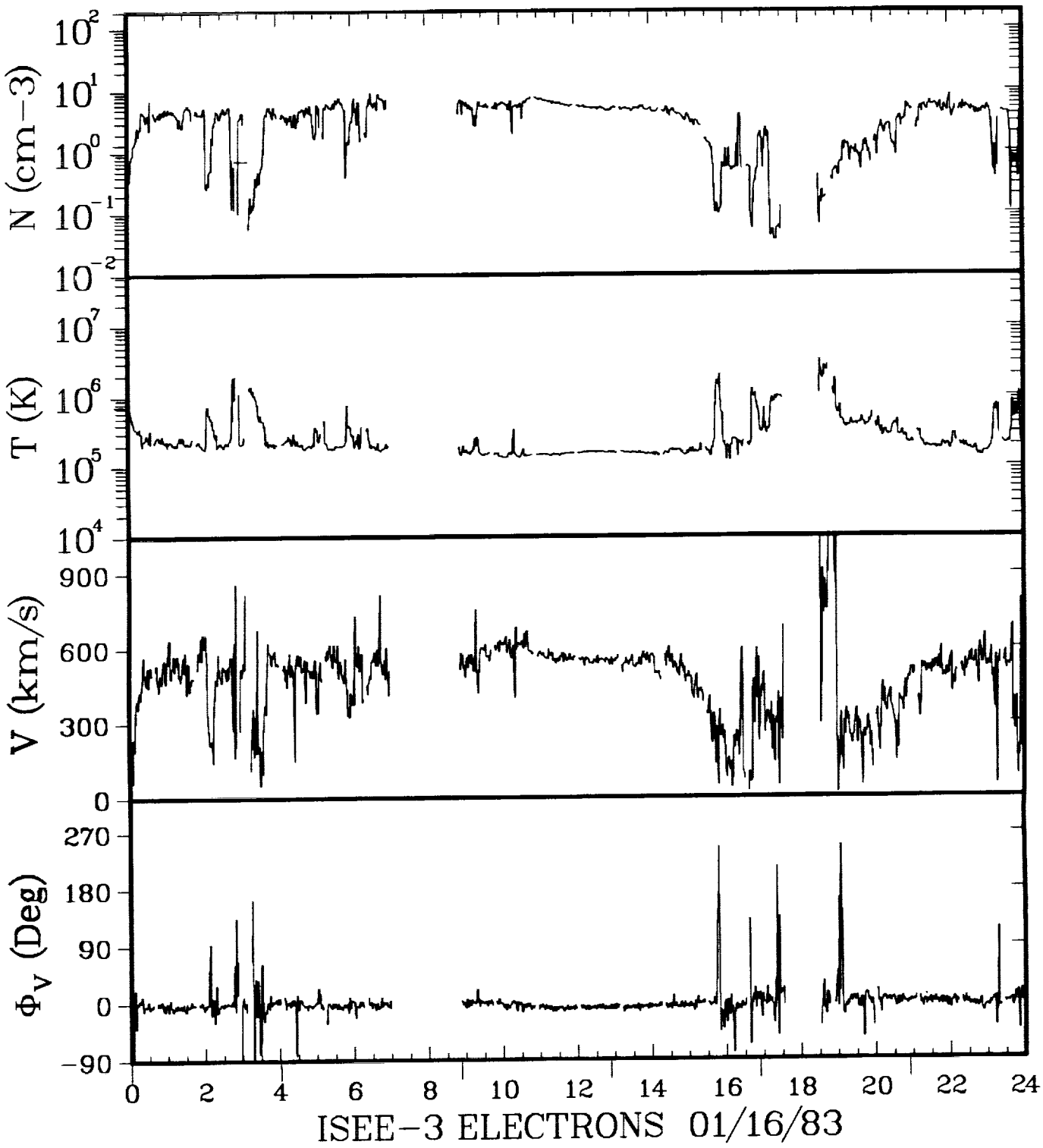
GSEX	-181.5	-182.1	-182.8	-183.4	-183.9	-184.4
Y	-18.5	-18.4	-18.3	-18.2	-18.0	-17.9
Z	1.9	1.7	1.6	1.5	1.4	1.3
GSMY	-17.9	-18.4	-18.2	-18.2	-18.0	-17.2
Z	-5.1	-2.1	2.5	1.4	-2.3	-5.3



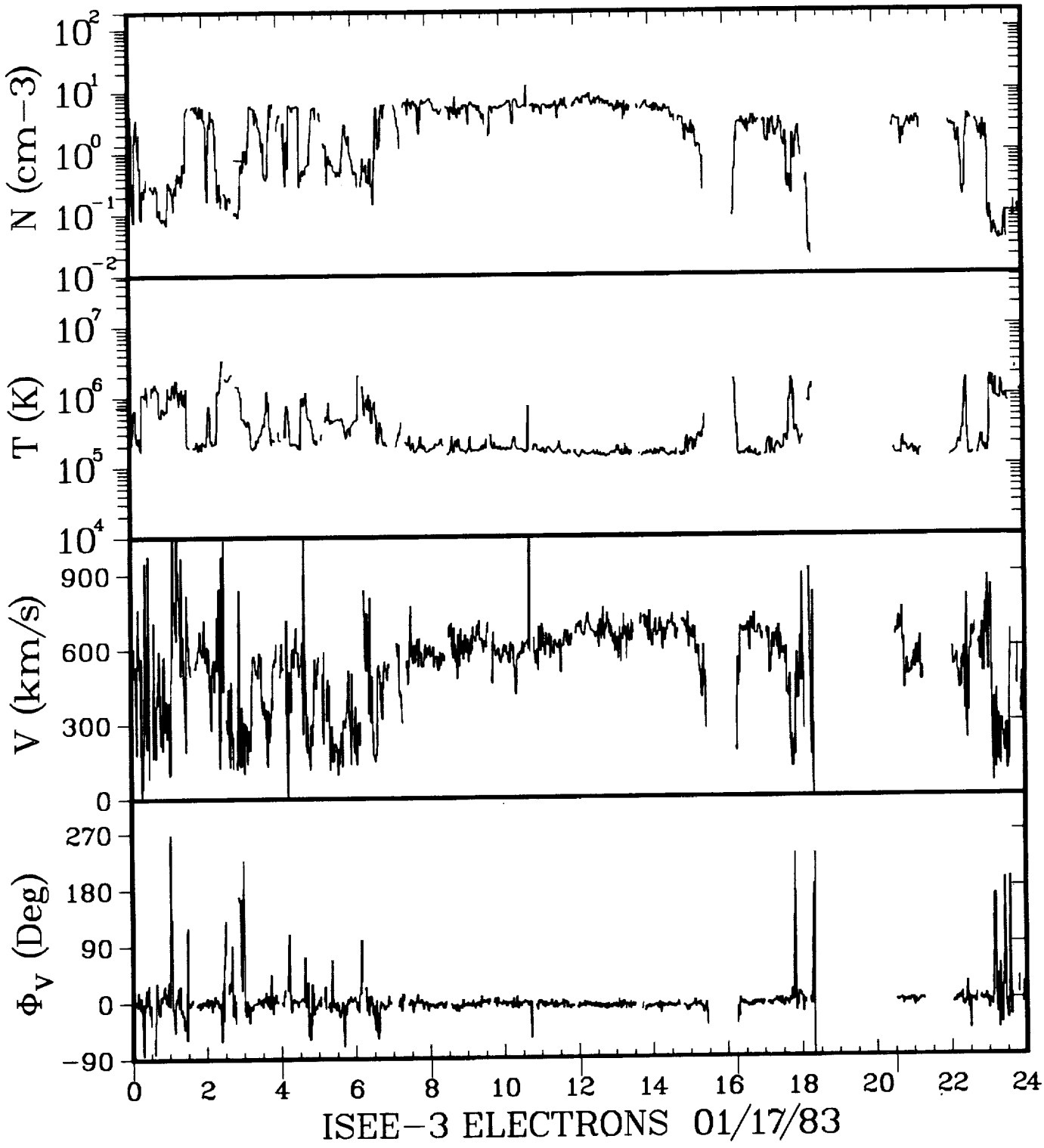
GSEX	-184.8	-185.3	-185.9	-186.4	-186.9	-187.4
Y	-17.8	-17.7	-17.6	-17.4	-17.3	-17.1
Z	1.2	1.1	1.0	0.9	0.8	0.7
GSMY	-17.0	-17.5	-17.5	-17.4	-17.2	-16.3
Z	-5.6	-2.7	1.5	1.1	-2.3	-5.4



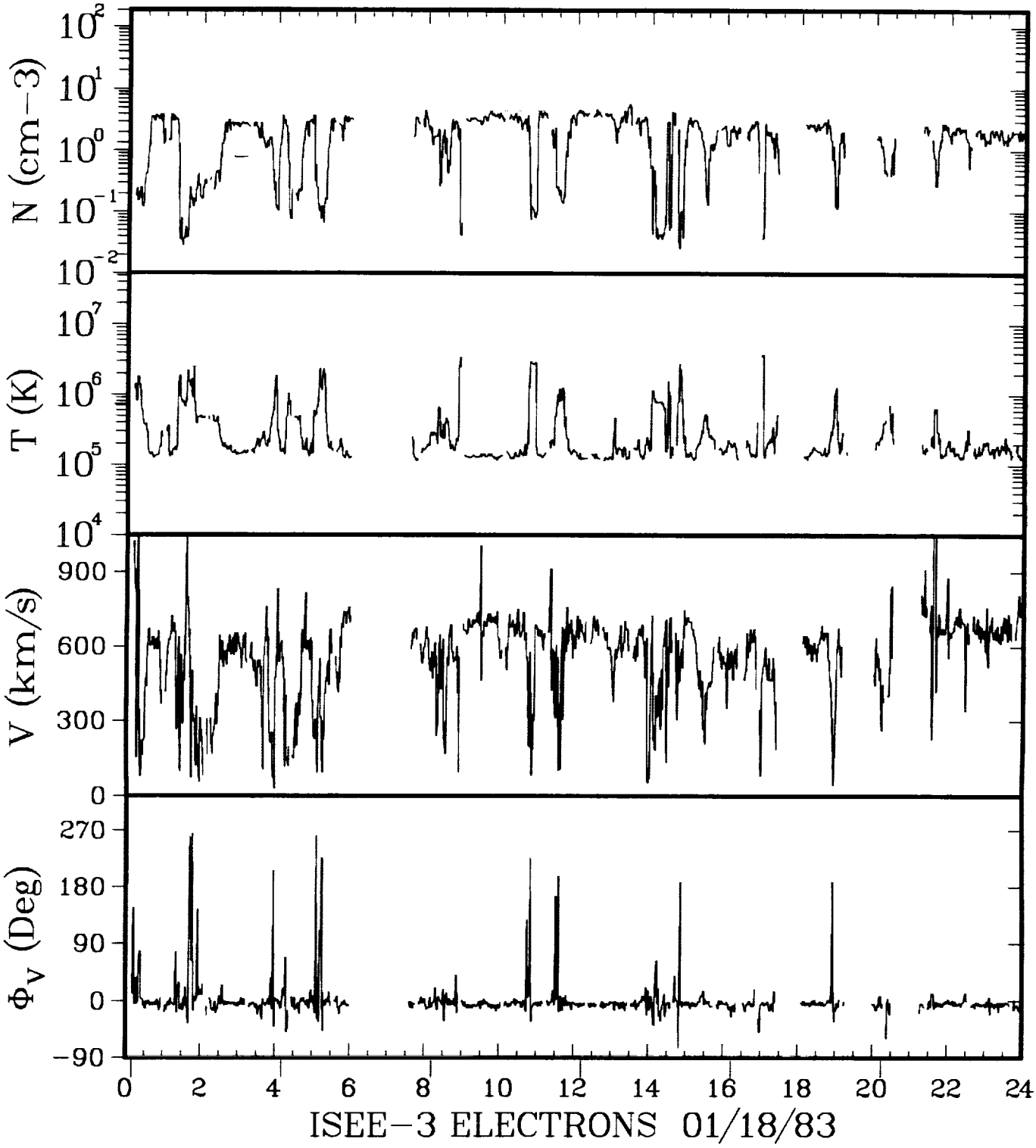
GSEX	-187.8	-188.3	-188.8	-189.3	-189.8	-190.3
Y	-17.0	-16.9	-16.7	-16.6	-16.4	-16.2
Z	0.6	0.5	0.4	0.2	0.1	0.0
GSMY	-16.0	-16.6	-16.7	-16.6	-16.3	-15.3
Z	-6.0	-3.3	0.3	0.6	-2.2	-5.5



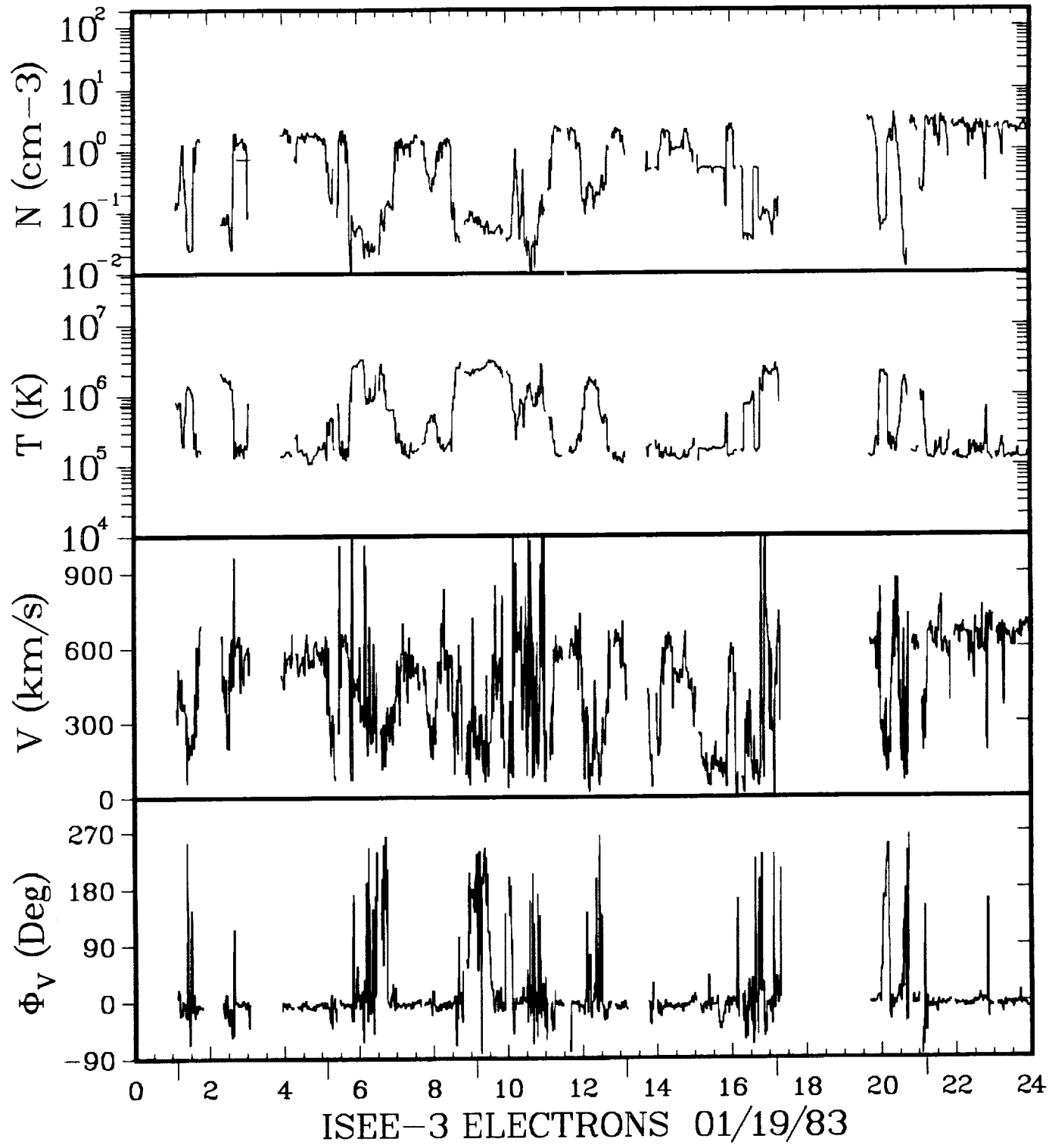
GSEX	-190.8	-191.3	-191.8	-192.3	-192.8	-193.2
Y	-16.1	-15.9	-15.7	-15.5	-15.3	-15.2
Z	-0.1	-0.2	-0.3	-0.4	-0.5	-0.6
GSMY	-14.8	-15.4	-15.7	-15.5	-14.9	-13.9
Z	-6.3	-3.8	-0.1	-0.5	-3.5	-6.2



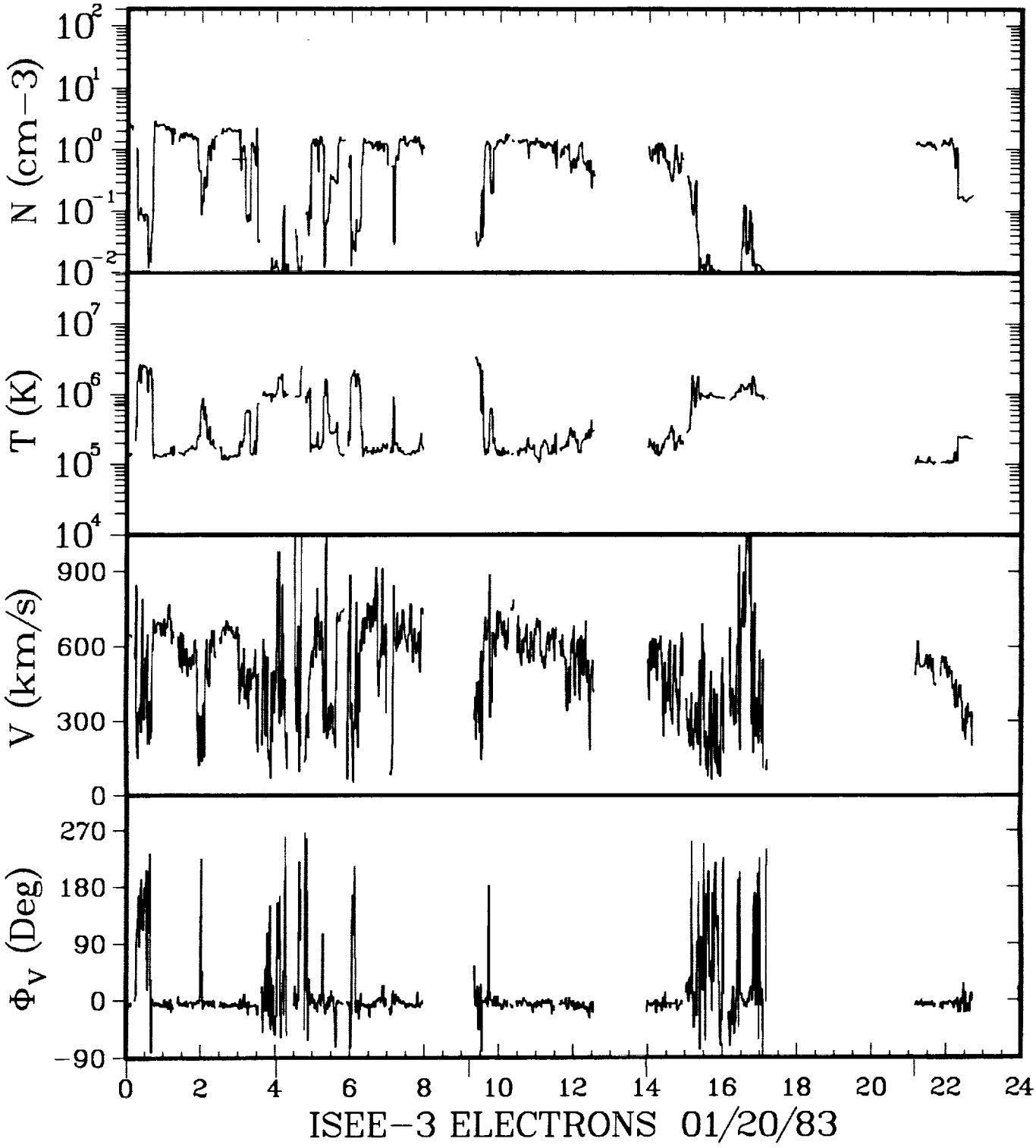
GSEX	-193.6	-194.0	-194.5	-194.9	-195.4	-195.9
Y	-15.0	-14.8	-14.6	-14.4	-14.2	-14.0
Z	-0.7	-0.8	-0.9	-1.0	-1.1	-1.3
GSMY	-13.5	-14.2	-14.6	-14.4	-13.8	-12.6
Z	-6.6	-4.3	-1.2	-0.9	-3.5	-6.3



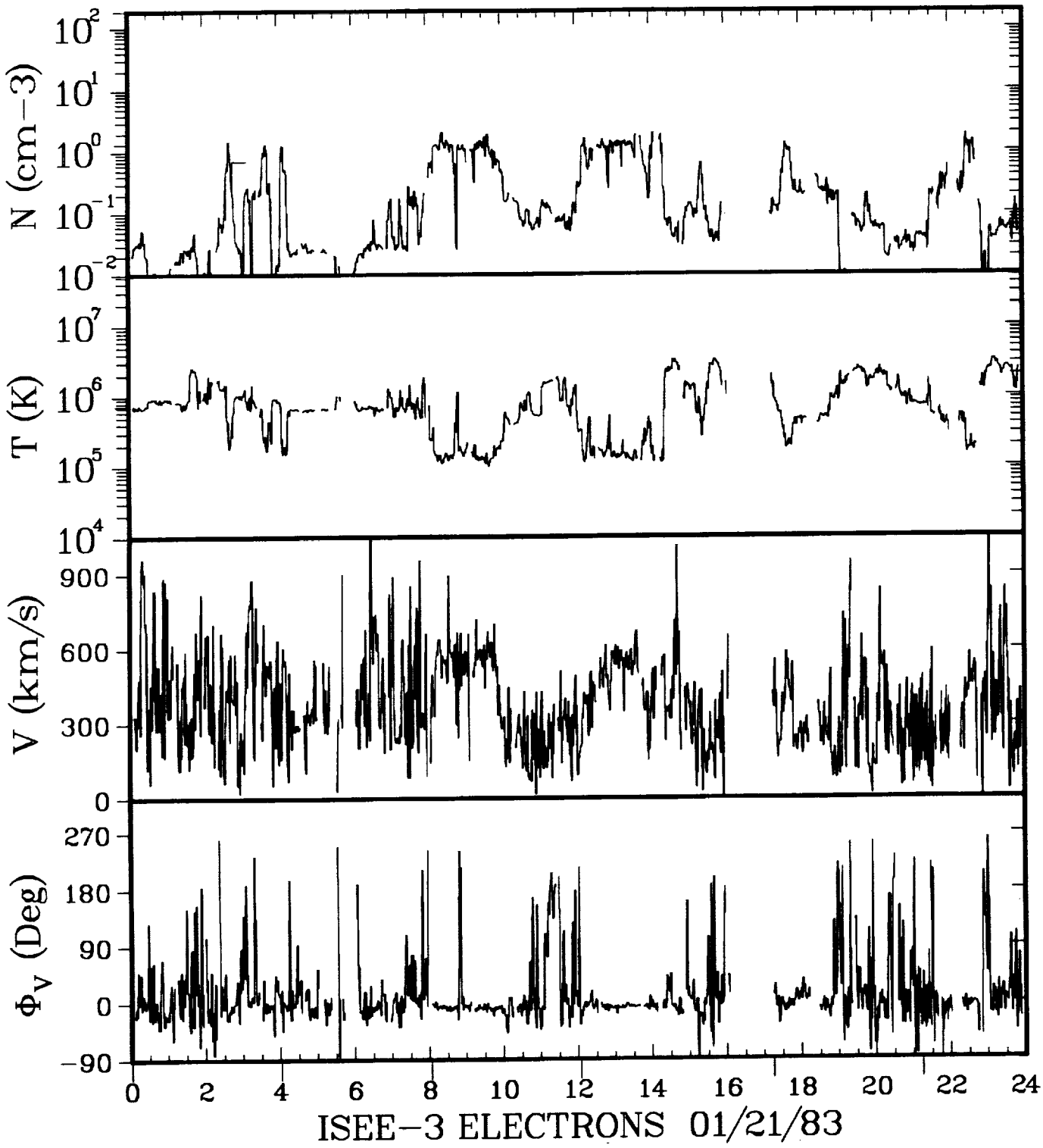
GSEX	-196.3	-196.7	-197.1	-197.5	-198.0	-198.4
Y	-13.8	-13.6	-13.4	-13.2	-13.0	-12.8
Z	-1.4	-1.5	-1.6	-1.7	-1.8	-1.9
GSMY	-12.2	-12.9	-13.4	-13.2	-12.5	-11.2
Z	-6.7	-4.6	-1.8	-1.7	-4.0	-6.4



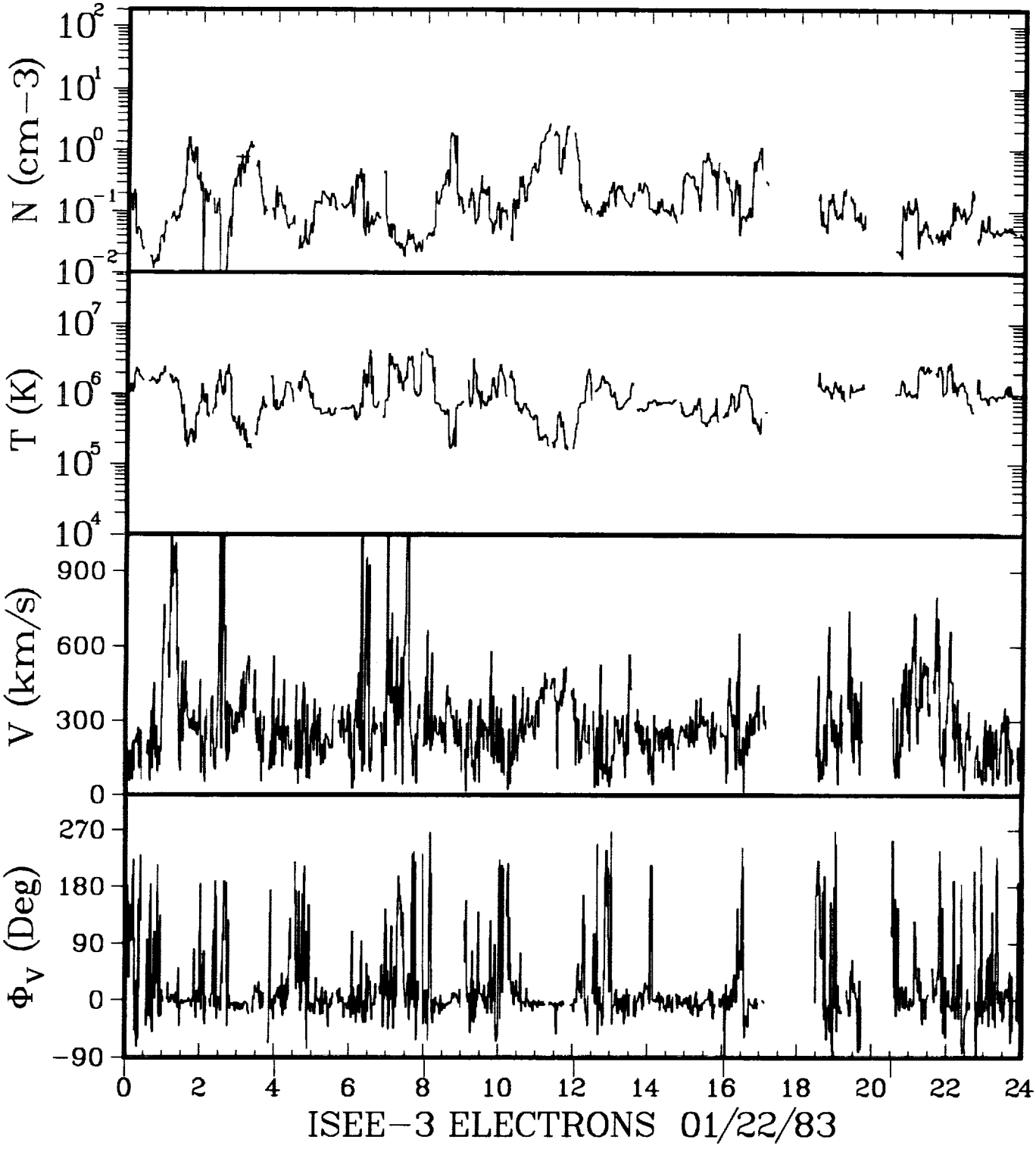
GSEX	-198.9	-199.3	-199.7	-200.1	-200.5	-200.9
Y	-12.5	-12.3	-12.1	-11.9	-11.6	-11.4
Z	-2.0	-2.1	-2.2	-2.3	-2.4	-2.5
GSMY	-10.8	-11.7	-12.1	-11.8	-10.8	-9.5
Z	-6.6	-4.3	-2.2	-2.7	-5.0	-6.8



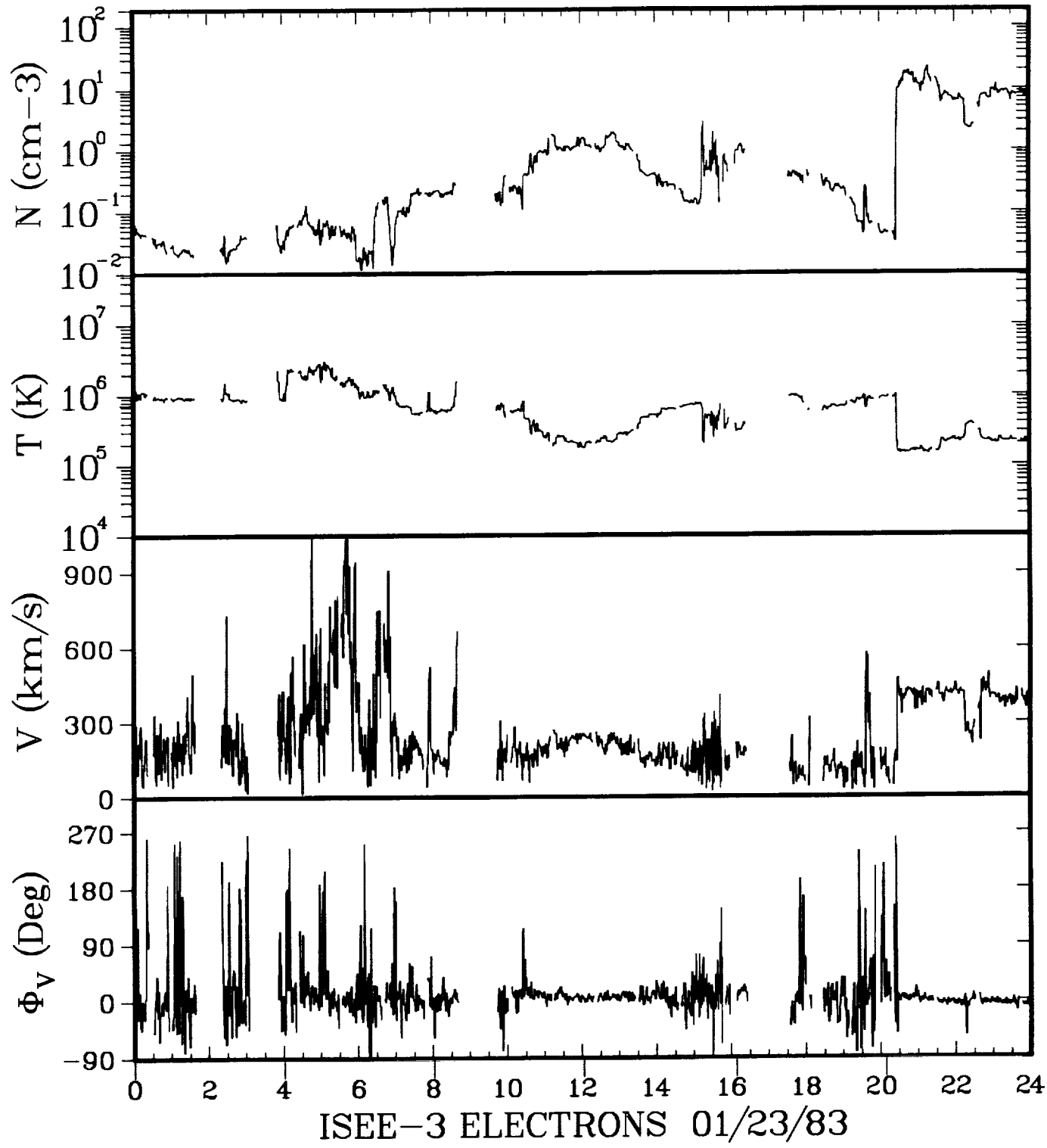
GSEX	-201.2	-201.6	-202.1	-202.5	-203.2
Y	-11.2	-11.0	-10.7	-10.4	-10.0
Z	-2.6	-2.7	-2.8	-3.0	-3.2
GSMY	-9.2	-10.0	-10.7	-10.2	-7.9
Z	-7.0	-5.4	-2.9	-3.7	-6.9



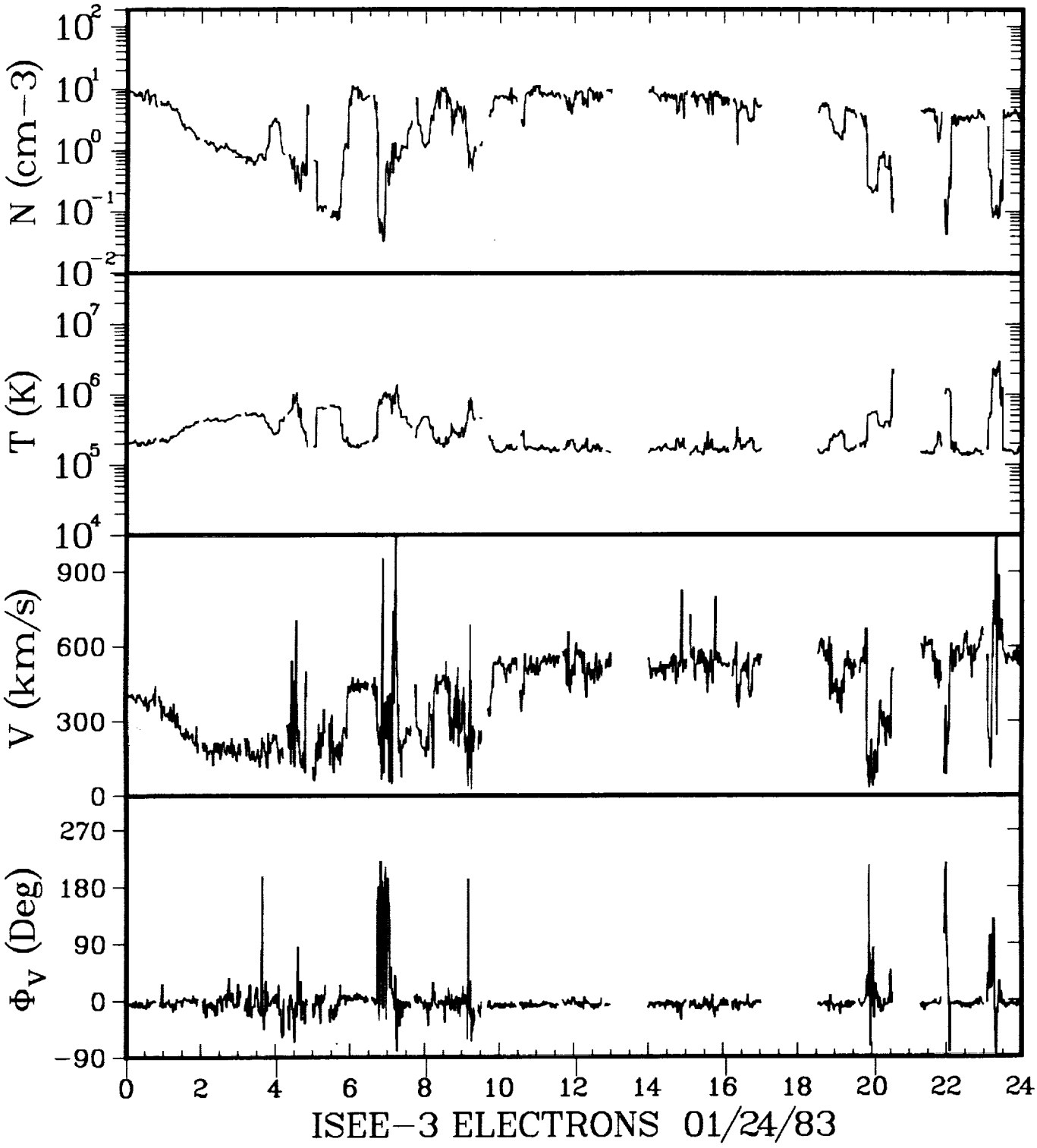
GSEX	-203.4	-203.8	-204.2	-204.5	-205.0	-205.3
Y	-9.8	-9.6	-9.4	-9.1	-8.8	-8.6
Z	-3.2	-3.3	-3.4	-3.5	-3.7	-3.8
GSMY	-7.6	-8.4	-9.2	-9.1	-7.6	-6.3
Z	-7.0	-5.7	-3.8	-3.7	-5.7	-6.9



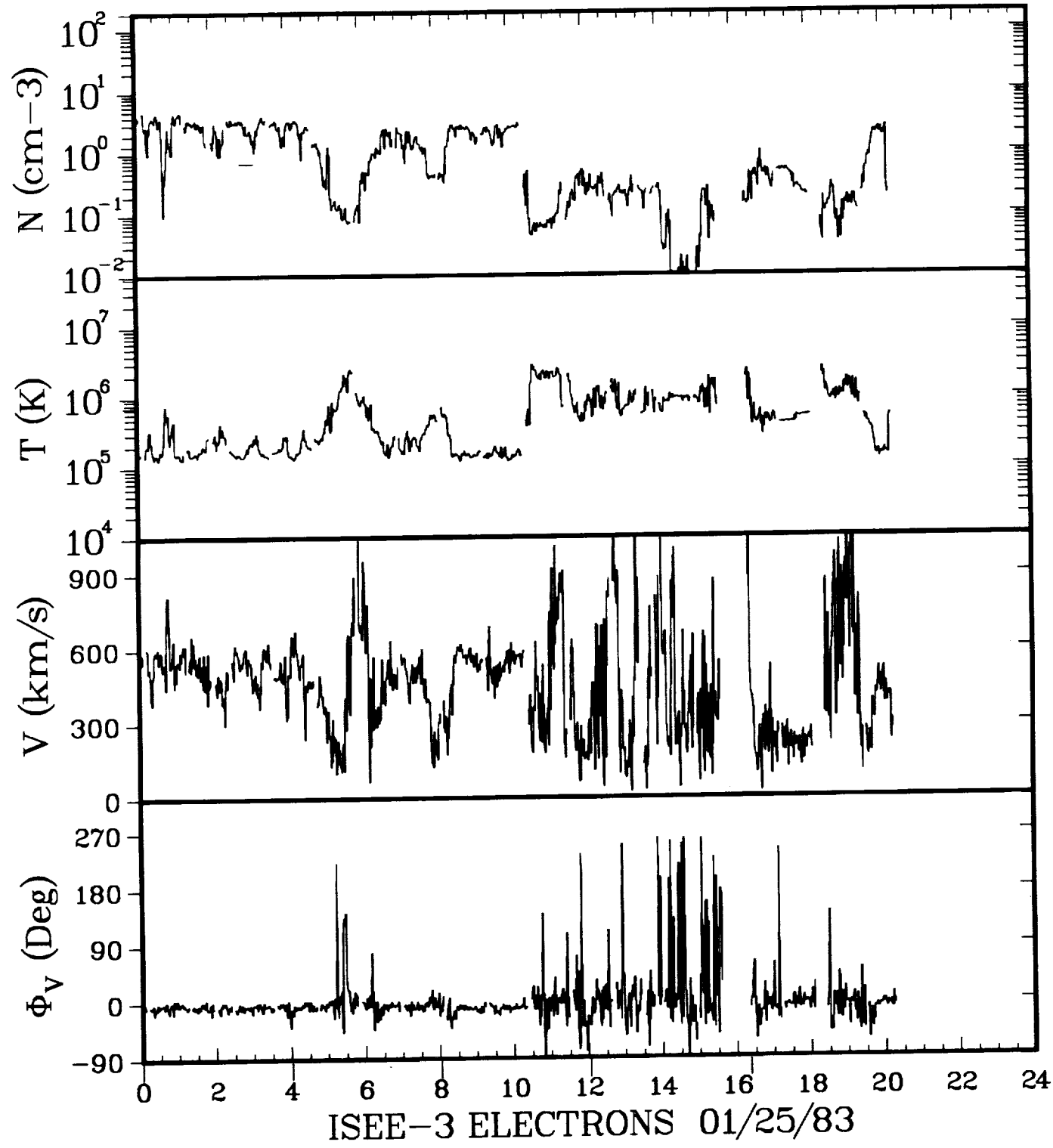
GSEX	-205.6	-205.9	-206.3	-206.6	-206.9	-207.3
Y	-8.4	-8.1	-7.9	-7.6	-7.4	-7.1
Z	-3.8	-3.9	-4.0	-4.1	-4.2	-4.3
GSMY	-6.0	-6.8	-7.7	-7.5	-6.5	-4.8
Z	-7.0	-6.0	-4.4	-4.3	-5.5	-6.8



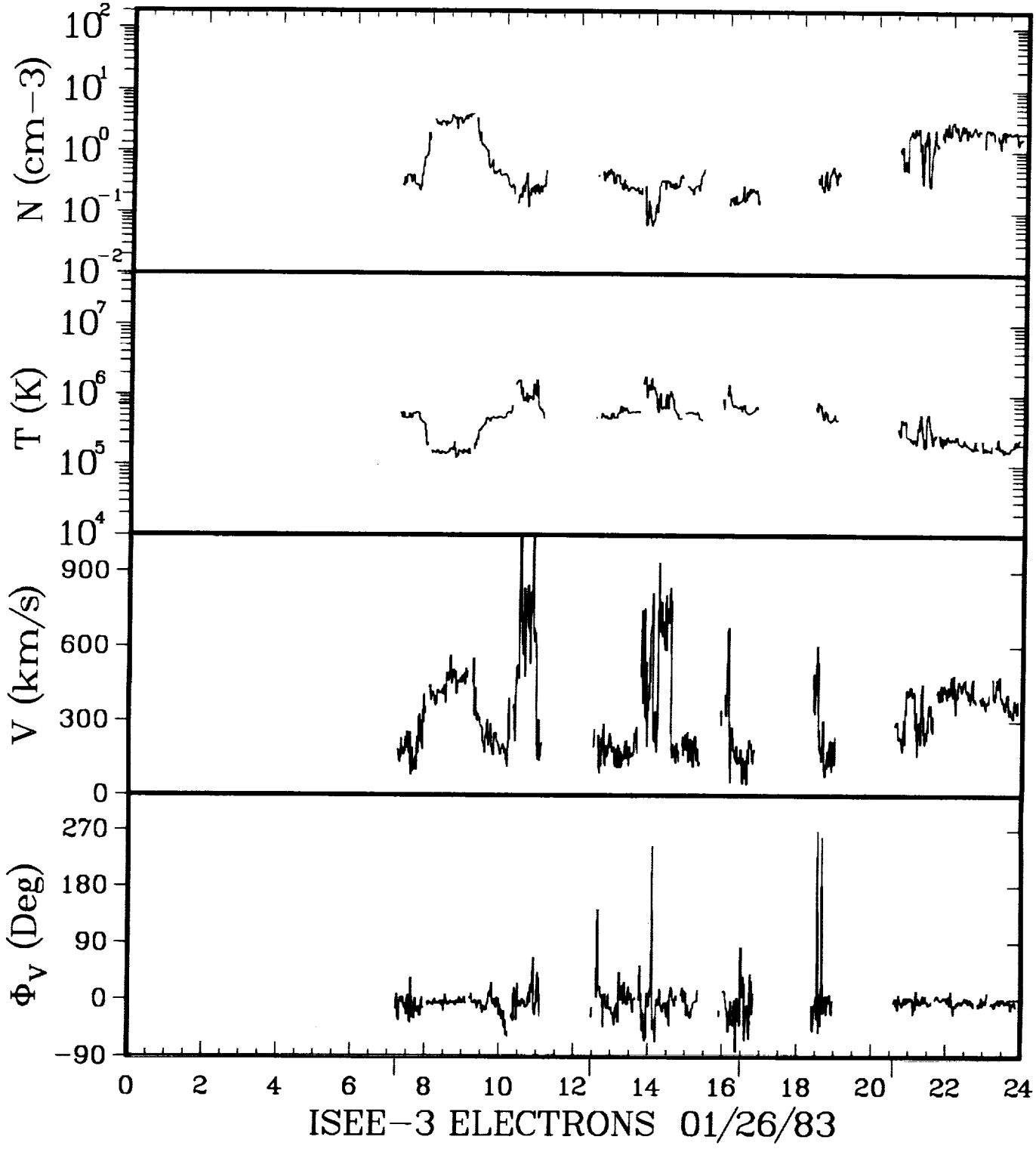
GSEX	-207.6	-207.9	-208.2	-208.5	-208.8	-209.1
Y	-6.9	-6.6	-6.4	-6.1	-5.9	-5.6
Z	-4.4	-4.5	-4.6	-4.7	-4.8	-4.9
GSMY	-4.3	-5.1	-6.1	-6.0	-4.8	-3.3
Z	-6.9	-6.2	-5.0	-4.9	-5.9	-6.7



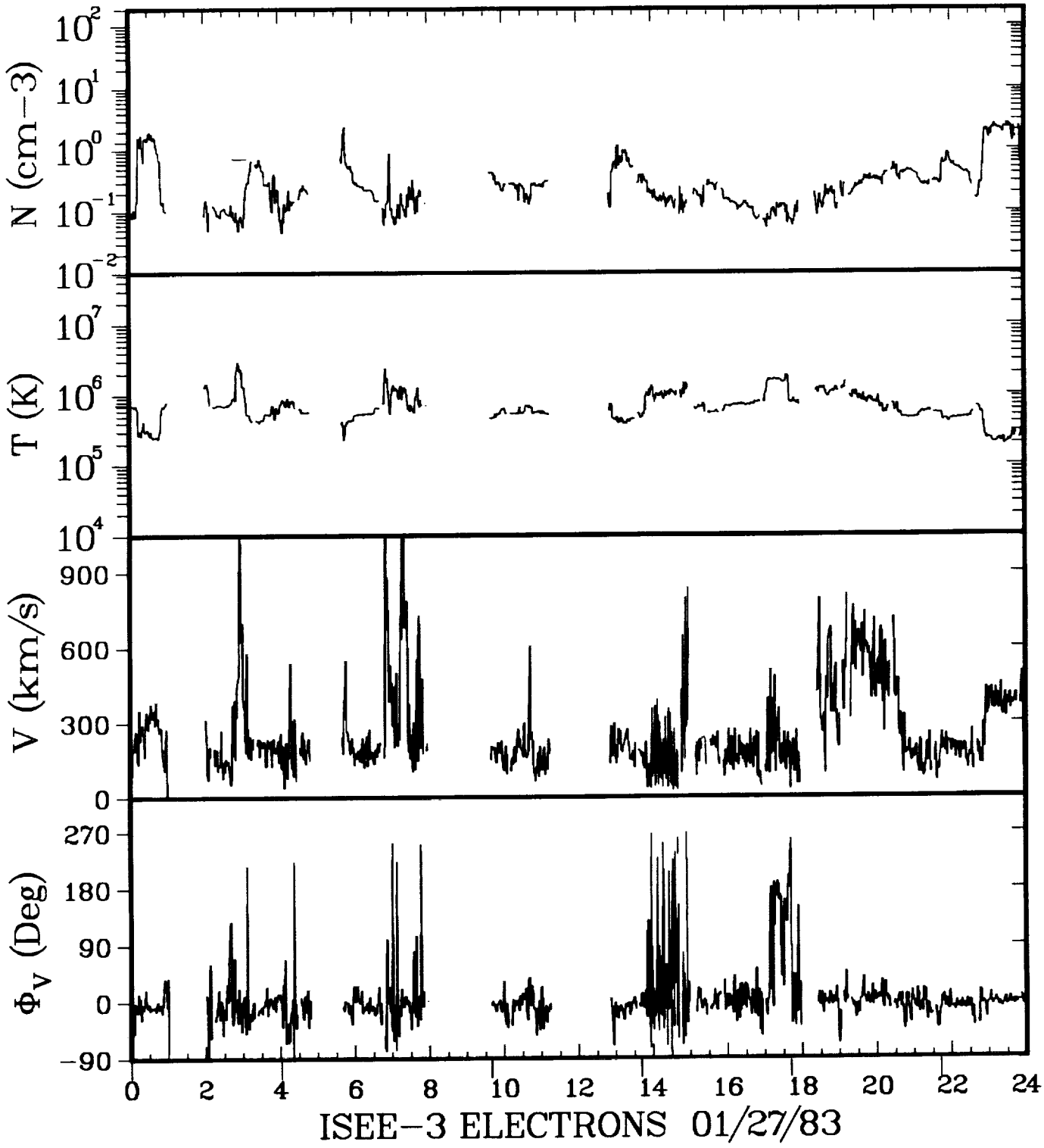
GSEX	-209.4	-209.7	-210.0	-210.3	-210.6	-210.9
Y	-5.3	-5.1	-4.8	-4.6	-4.3	-4.0
Z	-5.0	-5.1	-5.2	-5.3	-5.4	-5.5
GSMY	-2.6	-3.4	-4.5	-4.4	-3.1	-1.6
Z	-6.8	-6.3	-5.5	-5.5	-6.2	-6.6



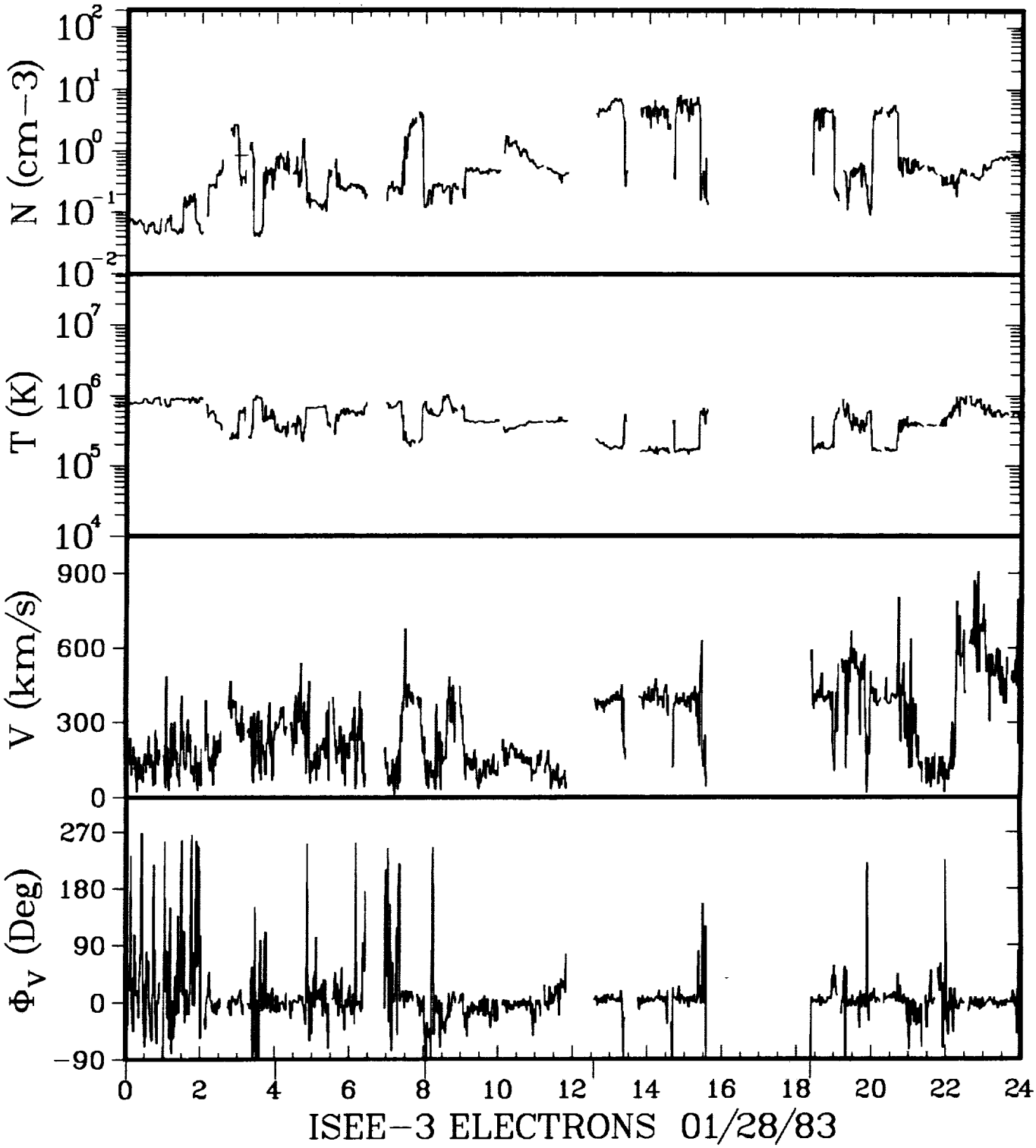
GSEX	-211.2	-211.4	-211.7	-212.0	-212.2
Y	-3.8	-3.5	-3.2	-3.0	-2.7
Z	-5.6	-5.7	-5.8	-5.9	-6.0
GSMY	-0.9	-1.7	-2.8	-2.7	-1.3
Z	-6.7	-6.5	-6.0	-6.0	-6.4



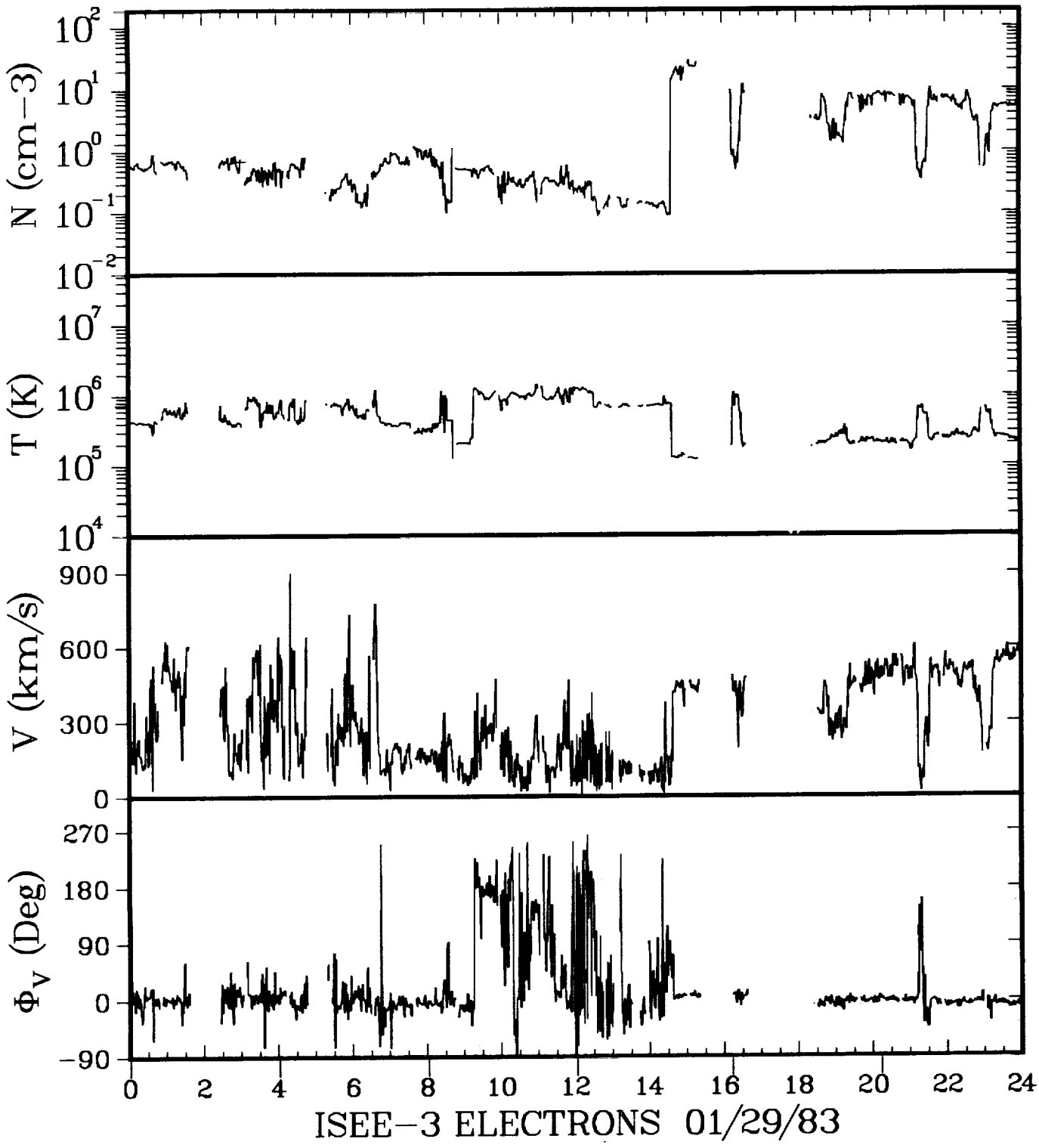
GSEX	-213.2	-213.5	-213.7	-214.0
Y	-1.7	-1.3	-1.1	-0.8
Z	-6.3	-6.5	-6.6	-6.6
GSMY	-1.0	-1.0	0.5	2.0
Z	-6.5	-6.5	-6.6	-6.4



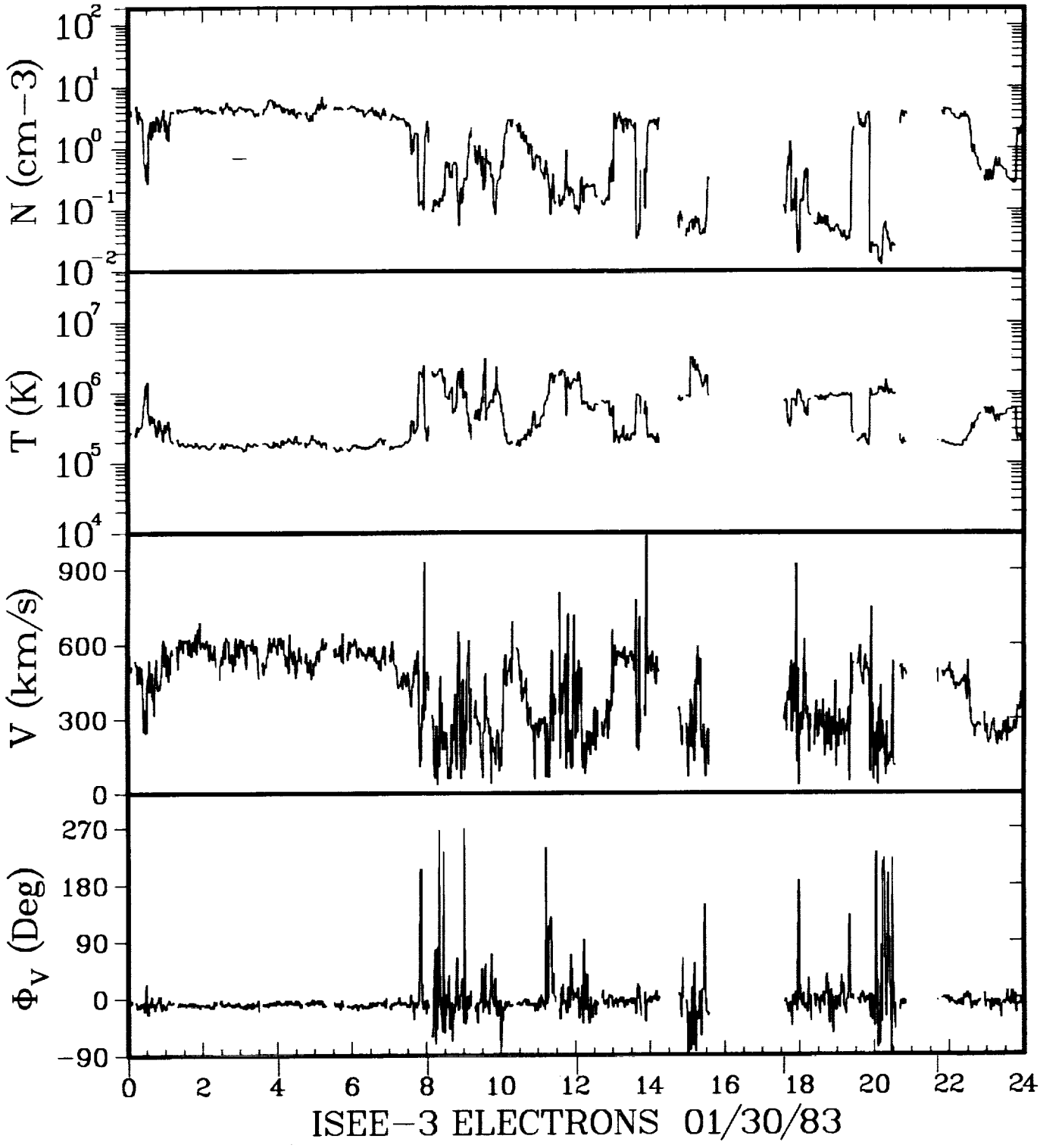
GSEX	-214.2	-214.4	-214.7	-214.9	-215.1	-215.3
Y	-0.5	-0.3	0.1	0.4	0.7	1.0
Z	-6.7	-6.8	-6.9	-7.0	-7.1	-7.2
GSMY	2.5	1.8	0.4	1.1	2.8	4.1
Z	-6.3	-6.6	-6.9	-7.0	-6.6	-6.0



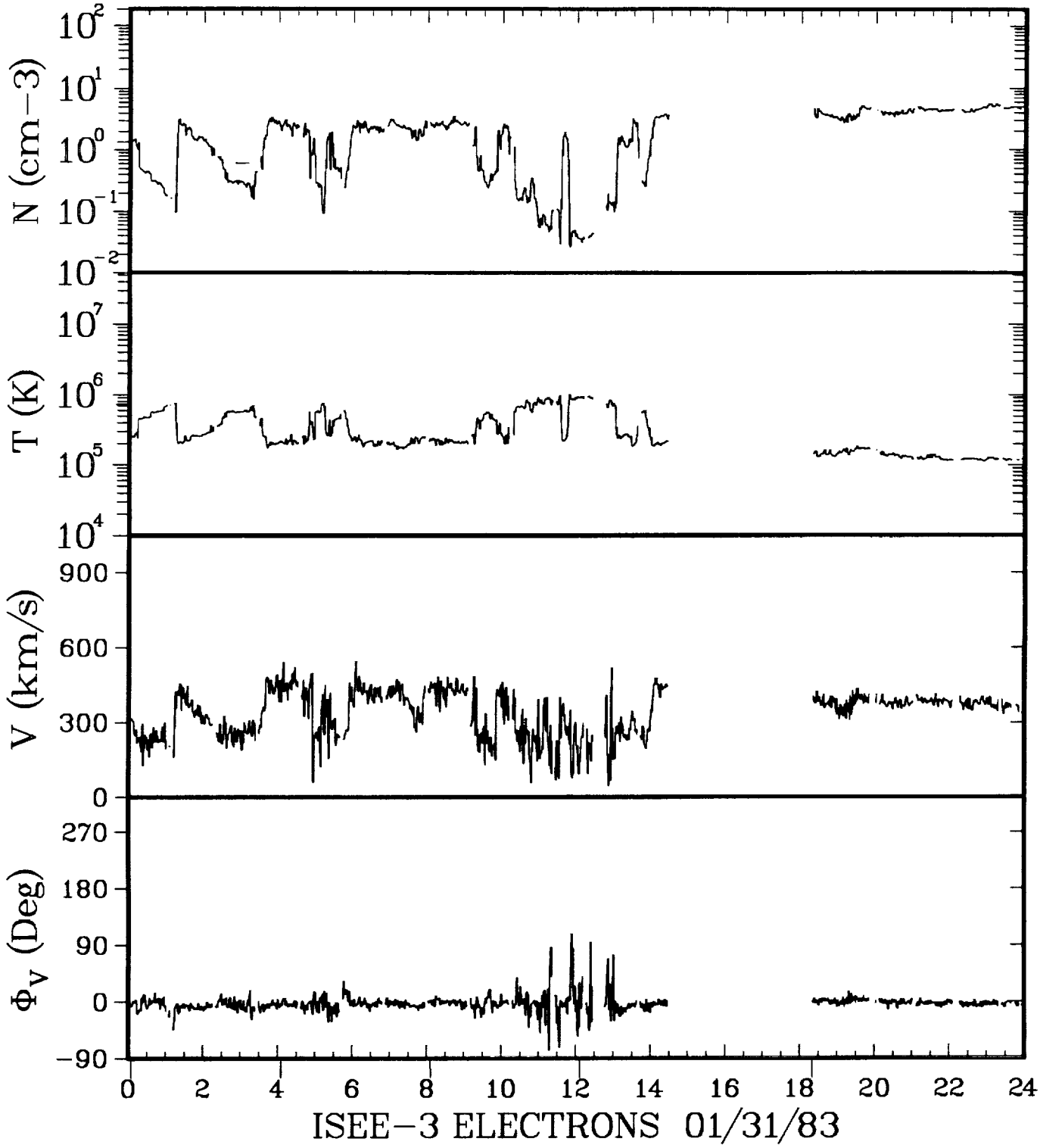
GSEX	-215.4	-215.6	-215.8	-216.0	-216.3
Y	1.1	1.4	1.7	2.0	2.4
Z	-7.3	-7.4	-7.5	-7.6	-7.7
GSMY	4.3	3.6	2.3	2.5	4.9
Z	-6.0	-6.6	-7.3	-7.4	-6.4



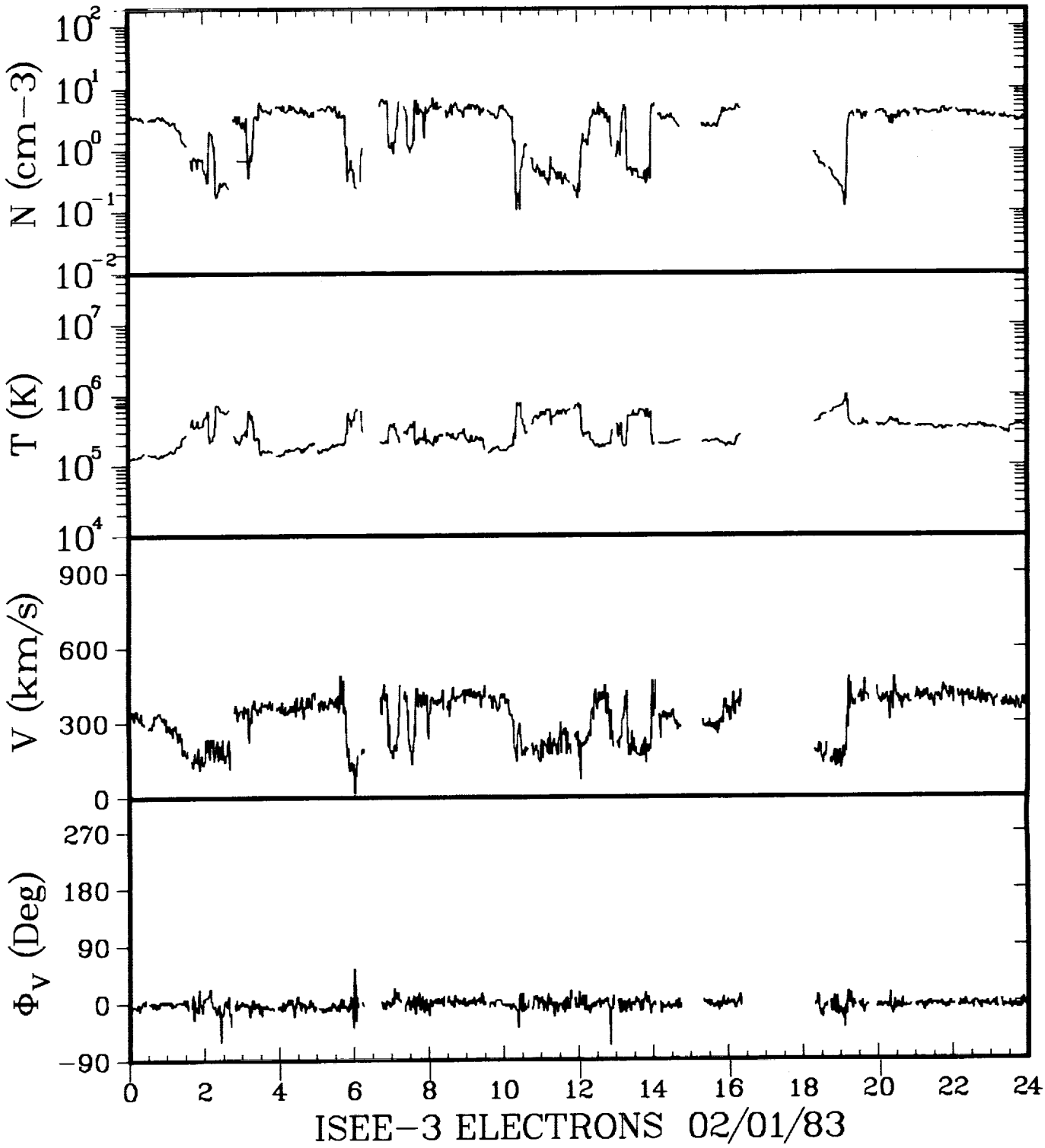
GSEX	-216.5	-216.7	-216.9	-217.0	-217.2	-217.3
Y	2.8	3.1	3.4	3.7	4.0	4.2
Z	-7.8	-7.9	-8.0	-8.1	-8.2	-8.3
GSMY	6.1	5.4	4.1	4.2	5.8	7.3
Z	-5.7	-6.6	-7.6	-7.8	-7.0	-5.7



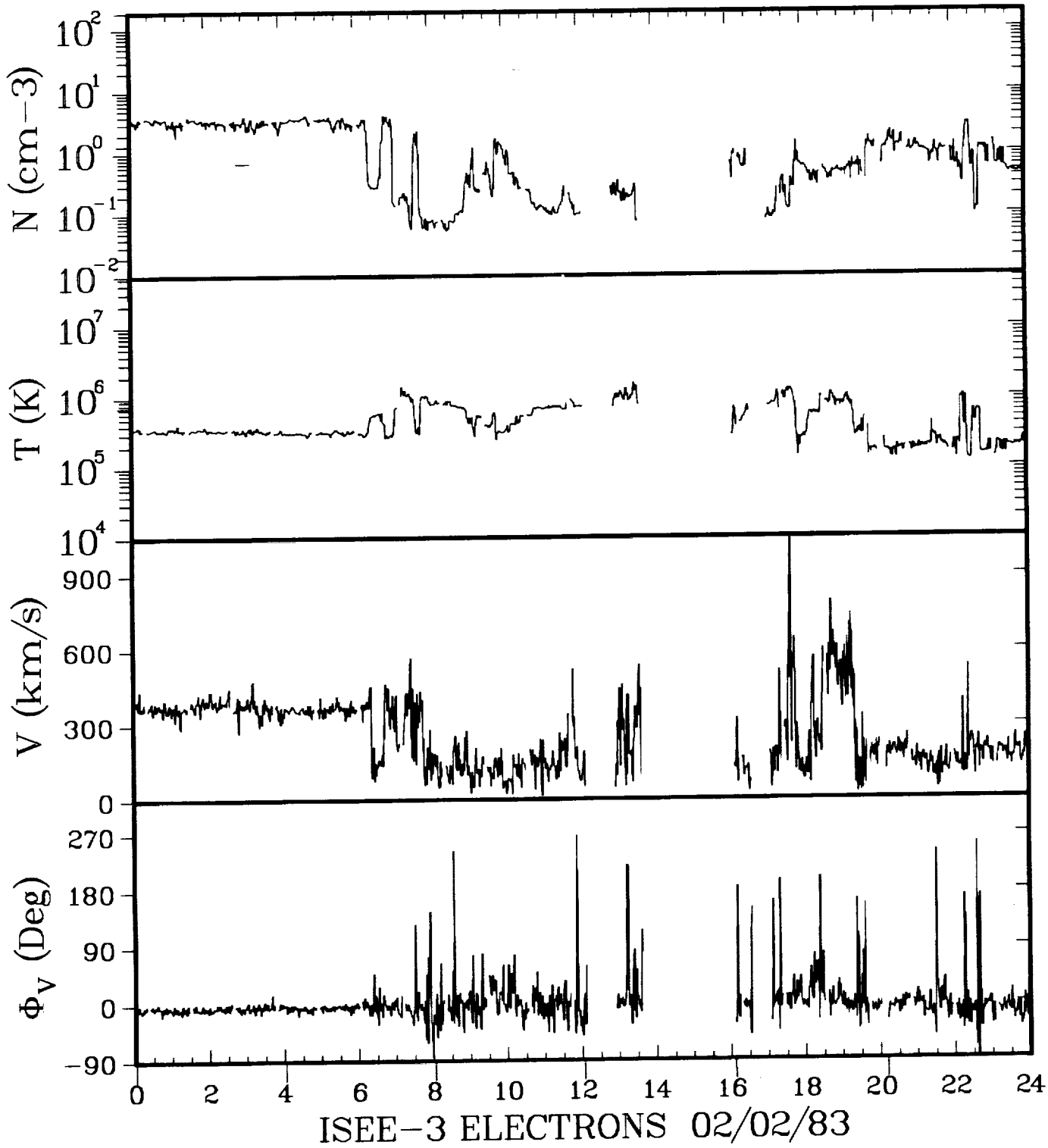
GSEX	-217.5	-217.6	-217.8	-217.9	-218.1	-218.2
Y	4.5	4.8	5.1	5.4	5.8	6.1
Z	-8.3	-8.4	-8.5	-8.6	-8.7	-8.8
GSMY	7.9	7.2	5.9	6.0	8.2	9.5
Z	-5.3	-6.5	-8.0	-8.2	-6.5	-5.0



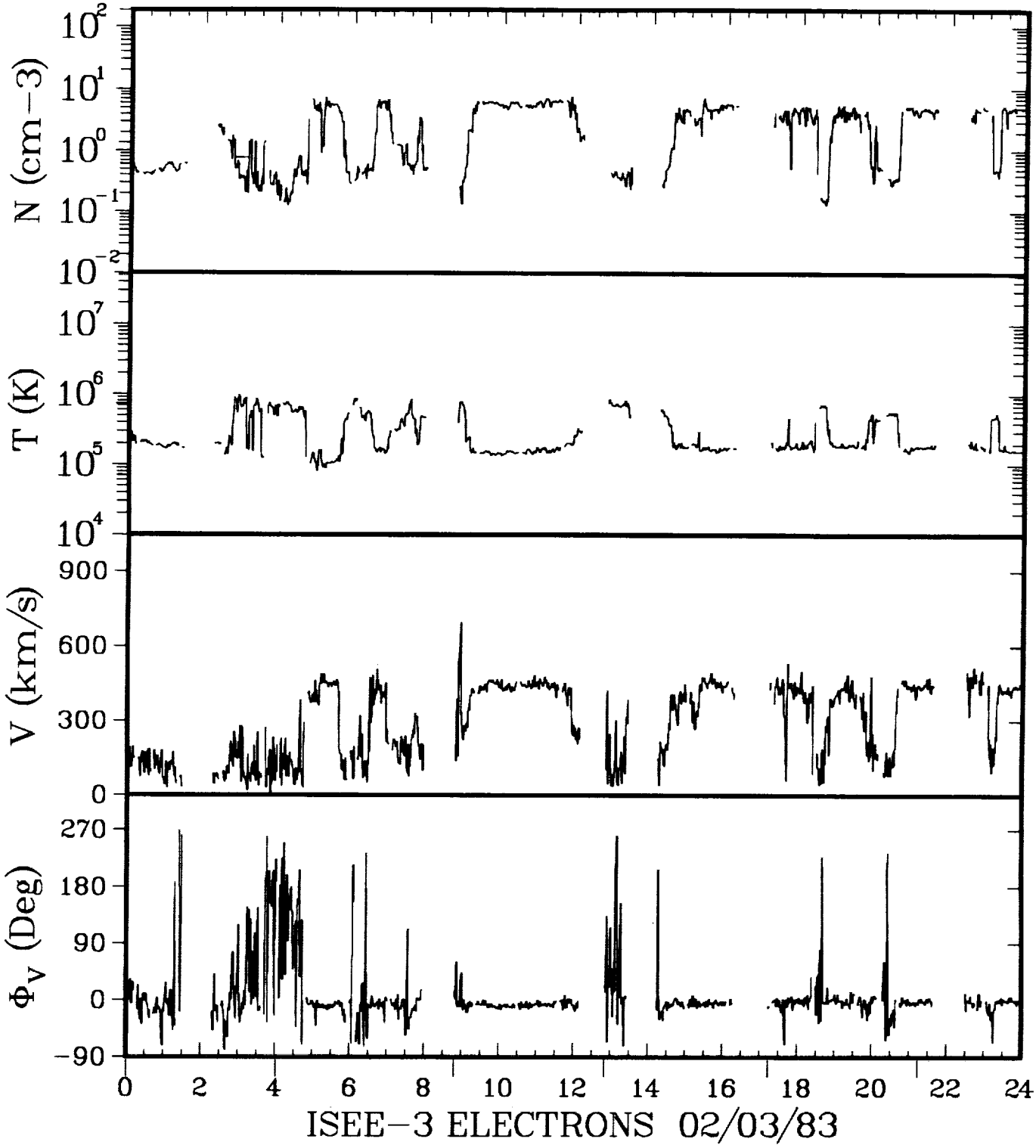
GSEX	-218.3	-218.4	-218.5	-218.6	-218.8
Y	6.3	6.6	6.9	7.2	7.6
Z	-8.9	-9.0	-9.0	-9.1	-9.3
GSMY	9.7	9.1	7.8	7.9	10.4
Z	-4.9	-6.4	-8.3	-8.5	-6.0



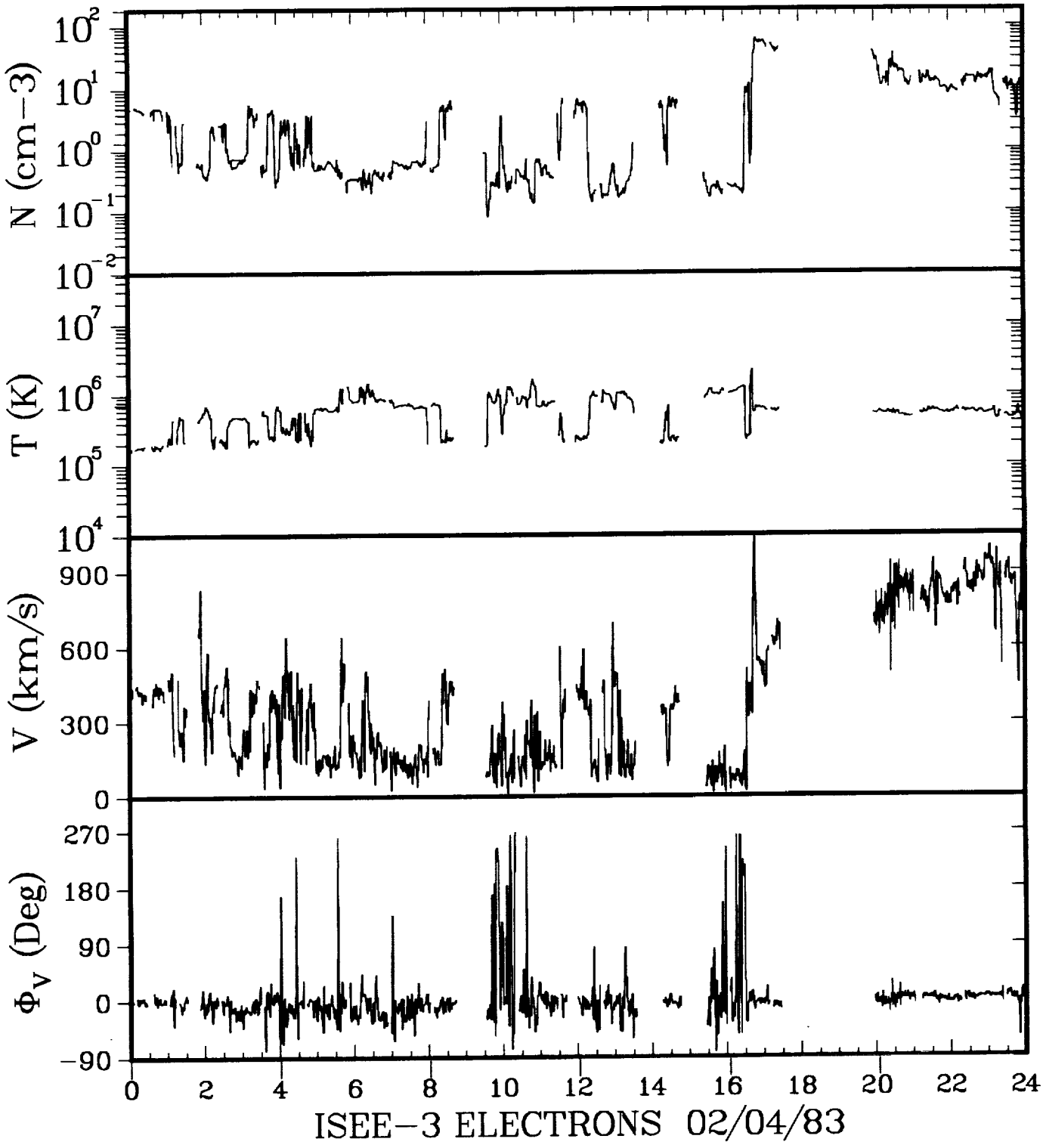
GSEX	-219.0	-219.1	-219.1	-219.2	-219.3	-219.4
Y	8.1	8.4	8.7	9.0	9.3	9.6
Z	-9.4	-9.5	-9.5	-9.6	-9.7	-9.8
GSMY	11.5	11.0	9.7	9.7	11.3	12.9
Z	-4.5	-6.2	-8.5	-8.9	-7.2	-4.8



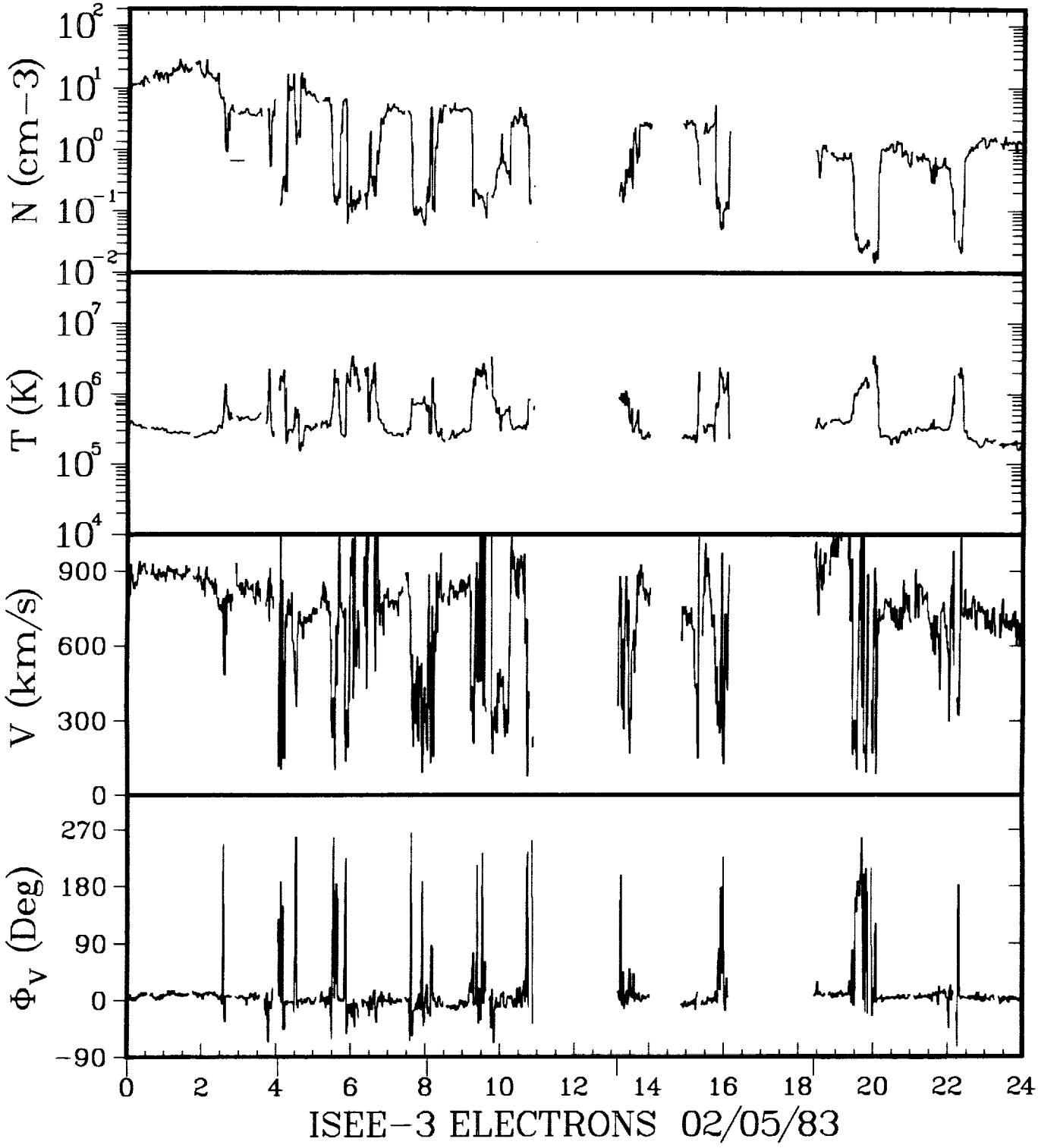
GSEX	-219.5	-219.6	-219.6	-219.7	-219.8	-219.8
Y	9.9	10.2	10.5	10.8	11.2	11.5
Z	-9.9	-10.0	-10.0	-10.1	-10.2	-10.3
GSMY	13.4	12.9	11.6	11.7	13.3	14.8
Z	-4.0	-6.1	-8.7	-9.1	-7.1	-4.3



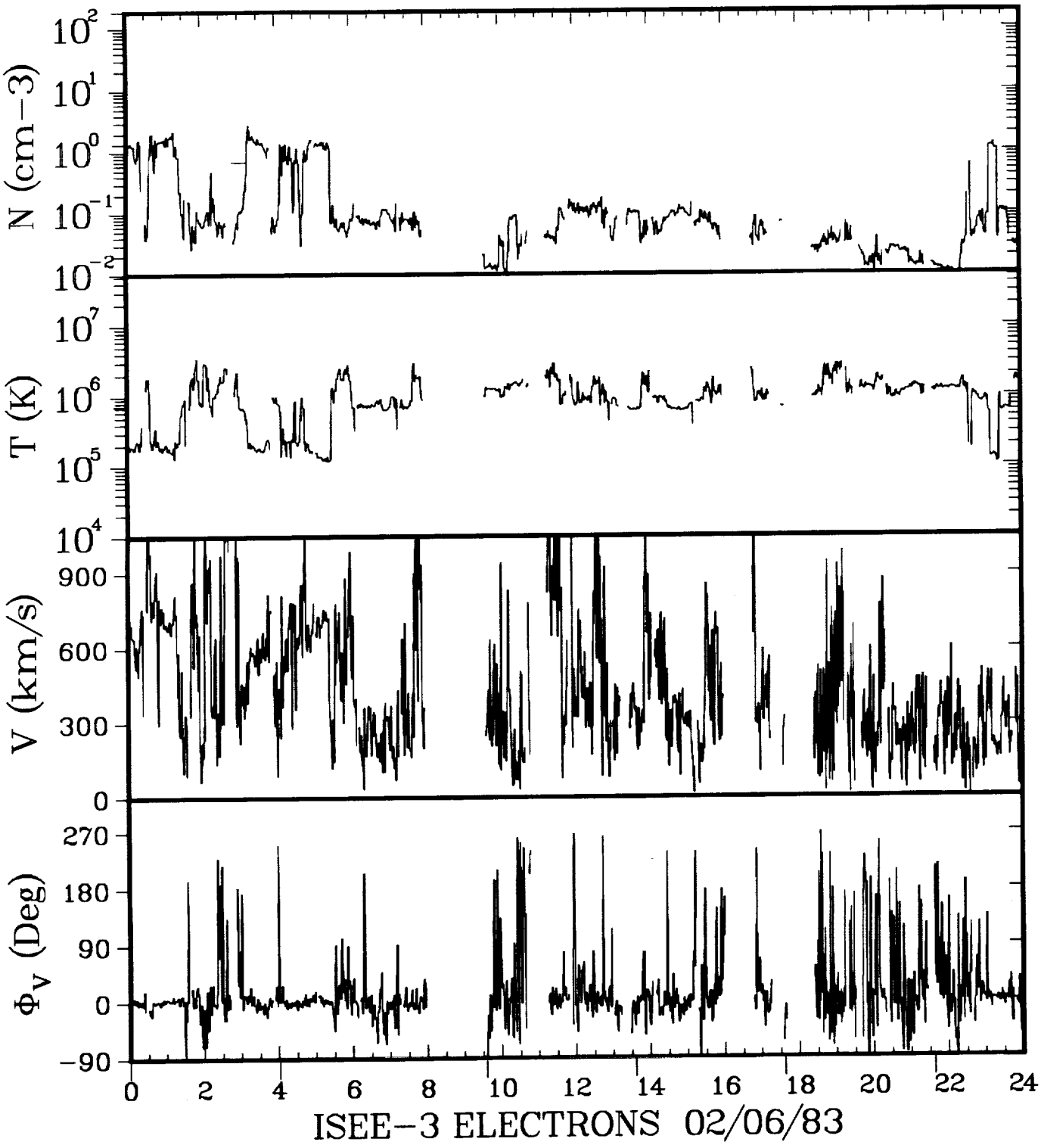
GSEX	-219.9	-219.9	-220.0	-220.0	-220.1	-220.1
Y	11.8	12.1	12.5	12.8	13.1	13.5
Z	-10.4	-10.5	-10.6	-10.6	-10.7	-10.8
GSMY	15.3	14.9	13.5	13.9	15.8	16.9
Z	-3.5	-5.8	-9.2	-9.1	-6.1	-3.3



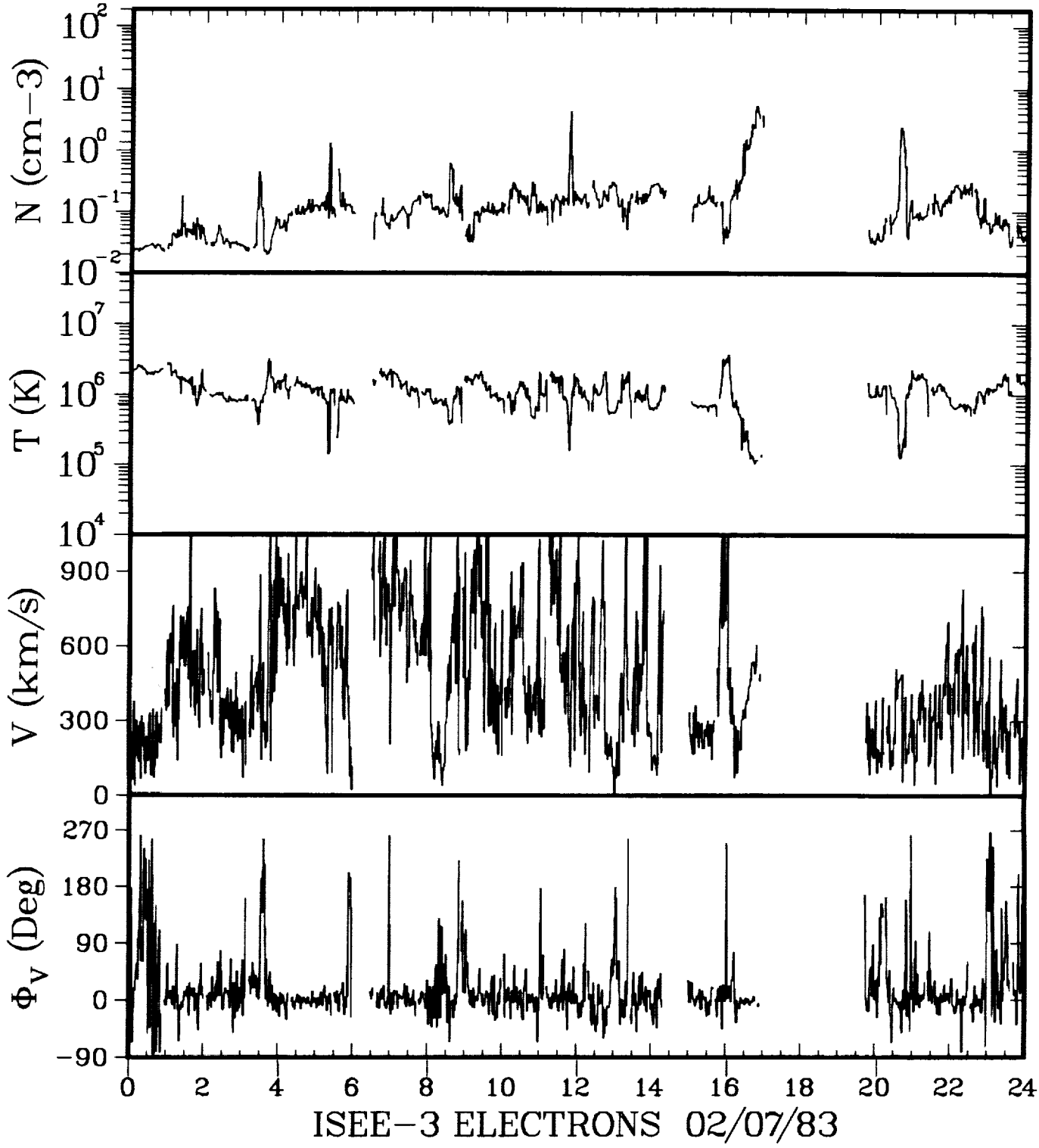
GSEX	-220.2	-220.2	-220.2	-220.3	-220.3	-220.3
Y	13.7	14.0	14.3	14.6	15.0	15.3
Z	-10.9	-10.9	-11.0	-11.1	-11.2	-11.2
GSMY	17.2	16.9	15.6	15.7	17.3	18.7
Z	-2.9	-5.5	-9.1	-9.6	-7.0	-3.4



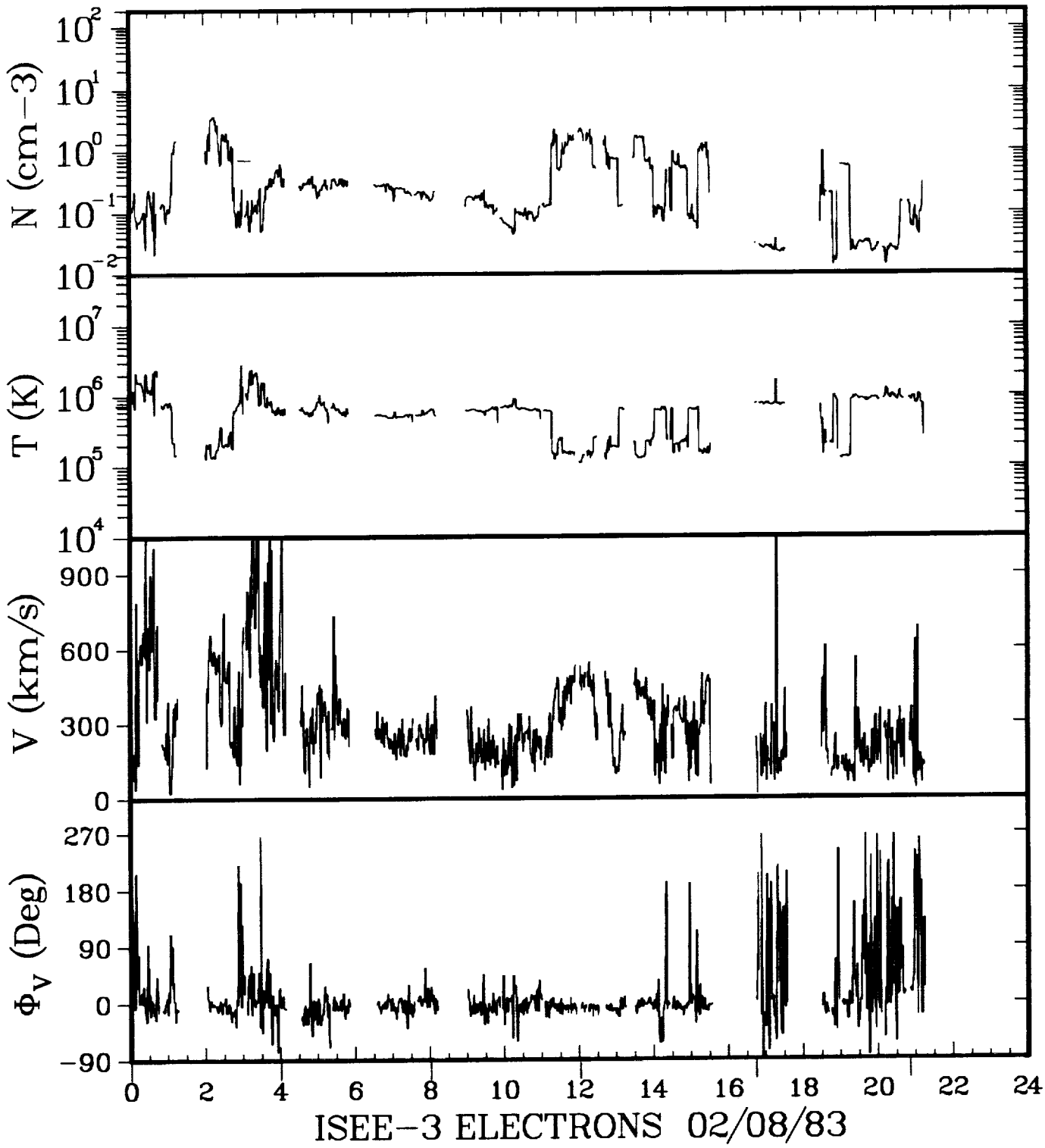
GSEX	-220.3	-220.4	-220.4	-220.4	-220.4
Y	15.6	15.9	16.3	16.7	17.1
Z	-11.3	-11.4	-11.5	-11.6	-11.7
GSMY	19.1	18.9	17.7	18.1	20.2
Z	-2.3	-5.3	-9.2	-9.3	-4.4



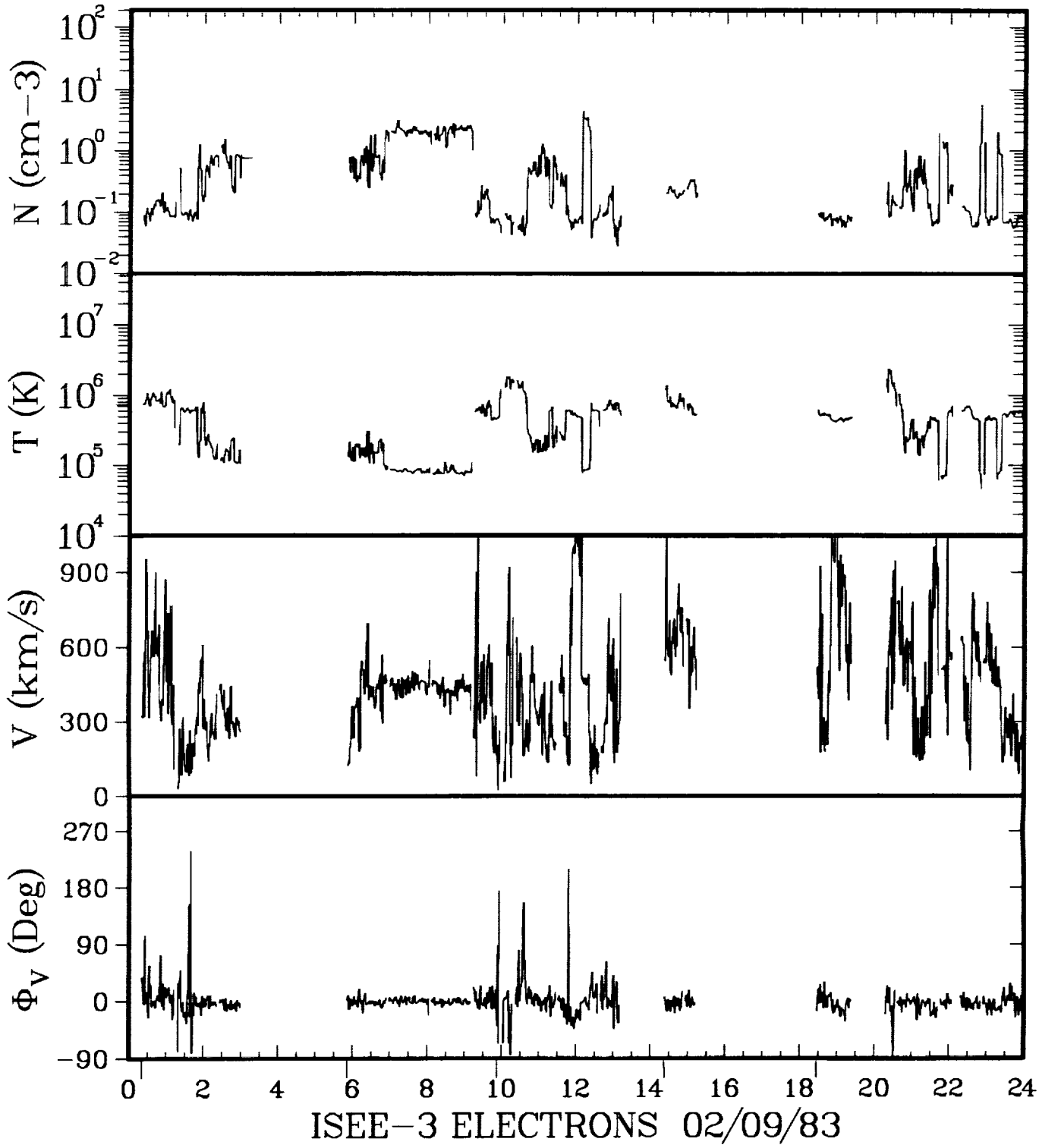
GSEX	-220.4	-220.4	-220.4	-220.4	-220.4	-220.4
Y	17.6	17.9	18.4	18.7	19.0	19.3
Z	-11.8	-11.9	-12.0	-12.0	-12.1	-12.2
GSMY	21.1	20.9	19.5	20.3	22.0	22.8
Z	-1.6	-4.9	-10.1	-9.0	-4.8	-1.2



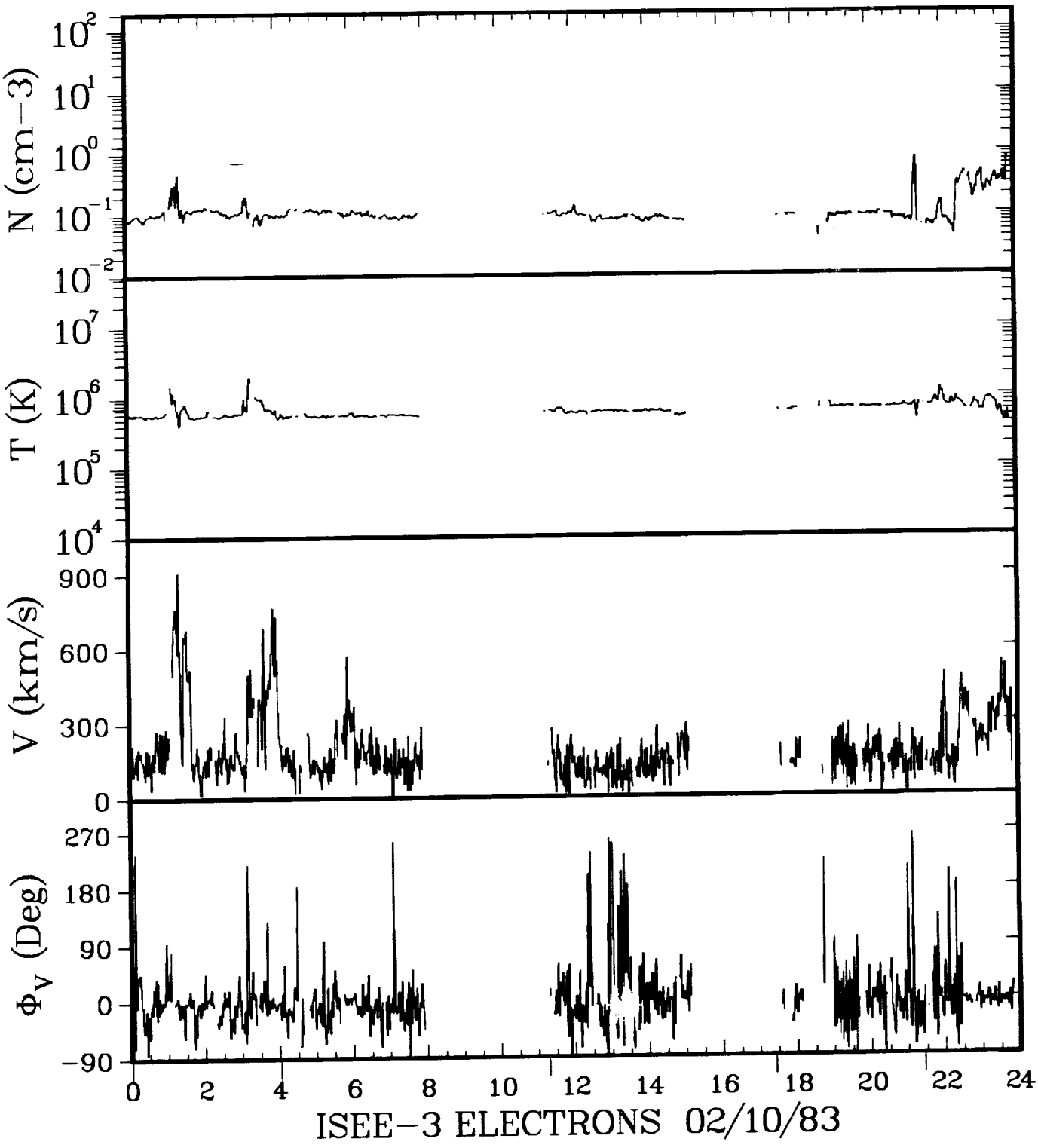
GSEX	-220.4	-220.4	-220.4	-220.3	-220.3	-220.3
Y	19.5	19.9	20.2	20.5	20.9	21.2
Z	-12.2	-12.3	-12.4	-12.4	-12.5	-12.6
GSMY	23.0	22.9	21.8	21.8	23.5	24.6
Z	-1.0	-4.5	-9.3	-10.1	-6.5	-1.6



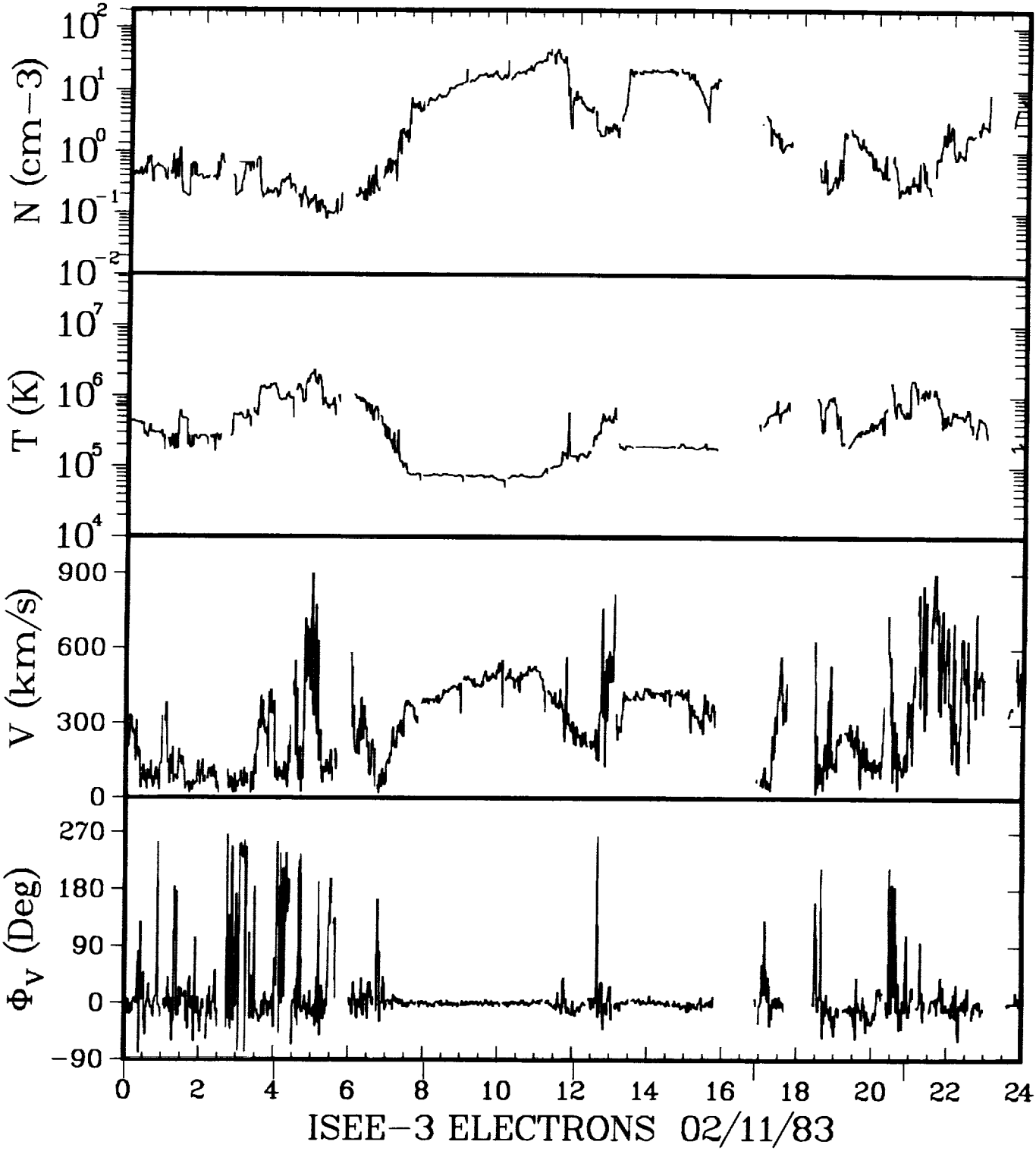
GSEX	-220.3	-220.2	-220.2	-220.2	-220.1	-220.1
Y	21.5	21.9	22.2	22.5	22.9	23.2
Z	-12.6	-12.7	-12.8	-12.9	-12.9	-13.0
GSMY	25.0	24.9	23.9	23.9	25.8	26.6
Z	-0.2	-4.1	-9.3	-10.1	-5.2	-0.3



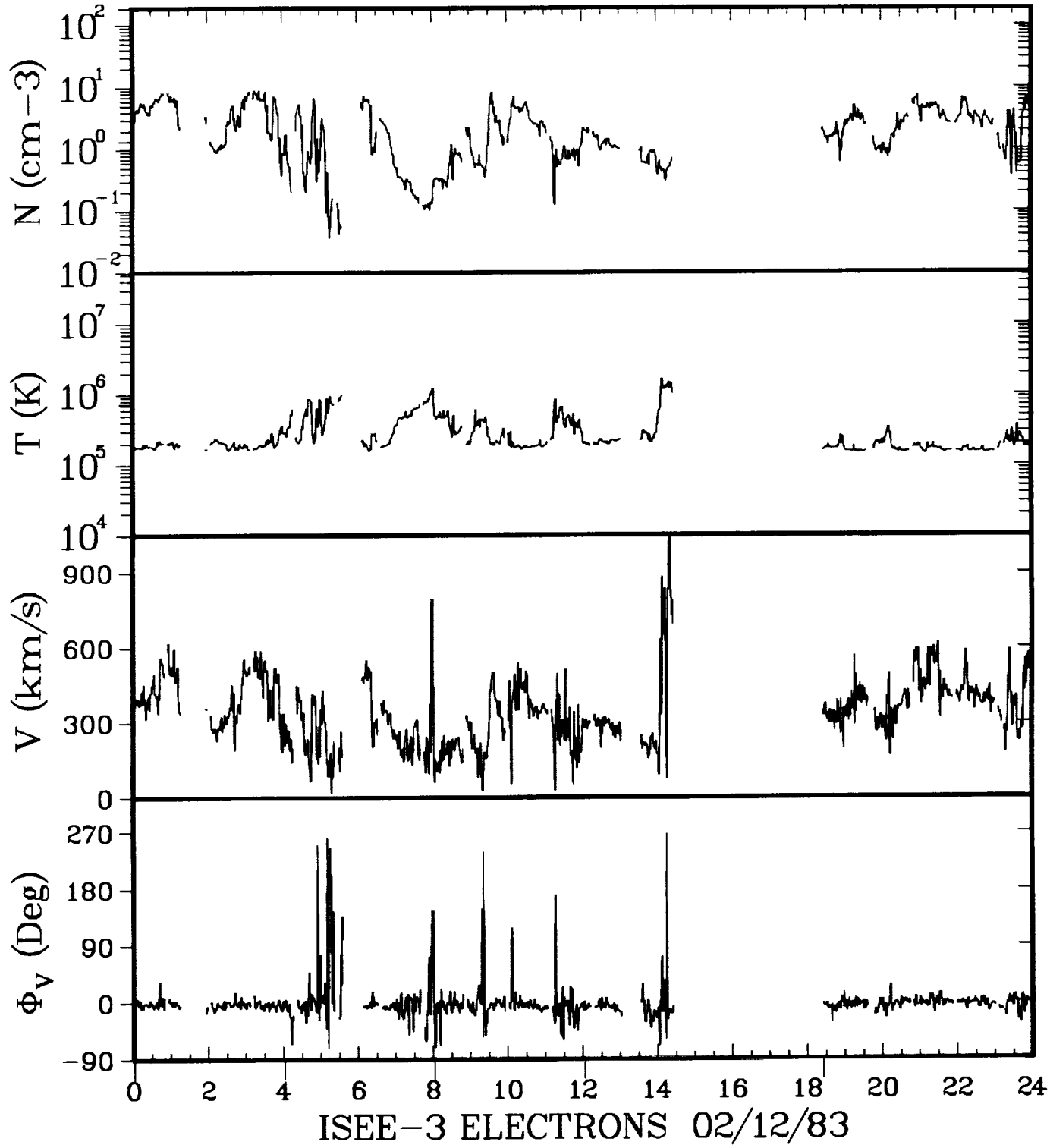
GSEX	-220.1	-220.0	-220.0	-219.9	-219.9
Y	23.5	24.0	24.3	24.7	25.0
Z	-13.0	-13.0	-13.0	-13.0	-13.0
GSMY	26.9	26.5	25.6	26.7	28.1
Z	0.4	-6.4	-10.2	-7.9	-2.0



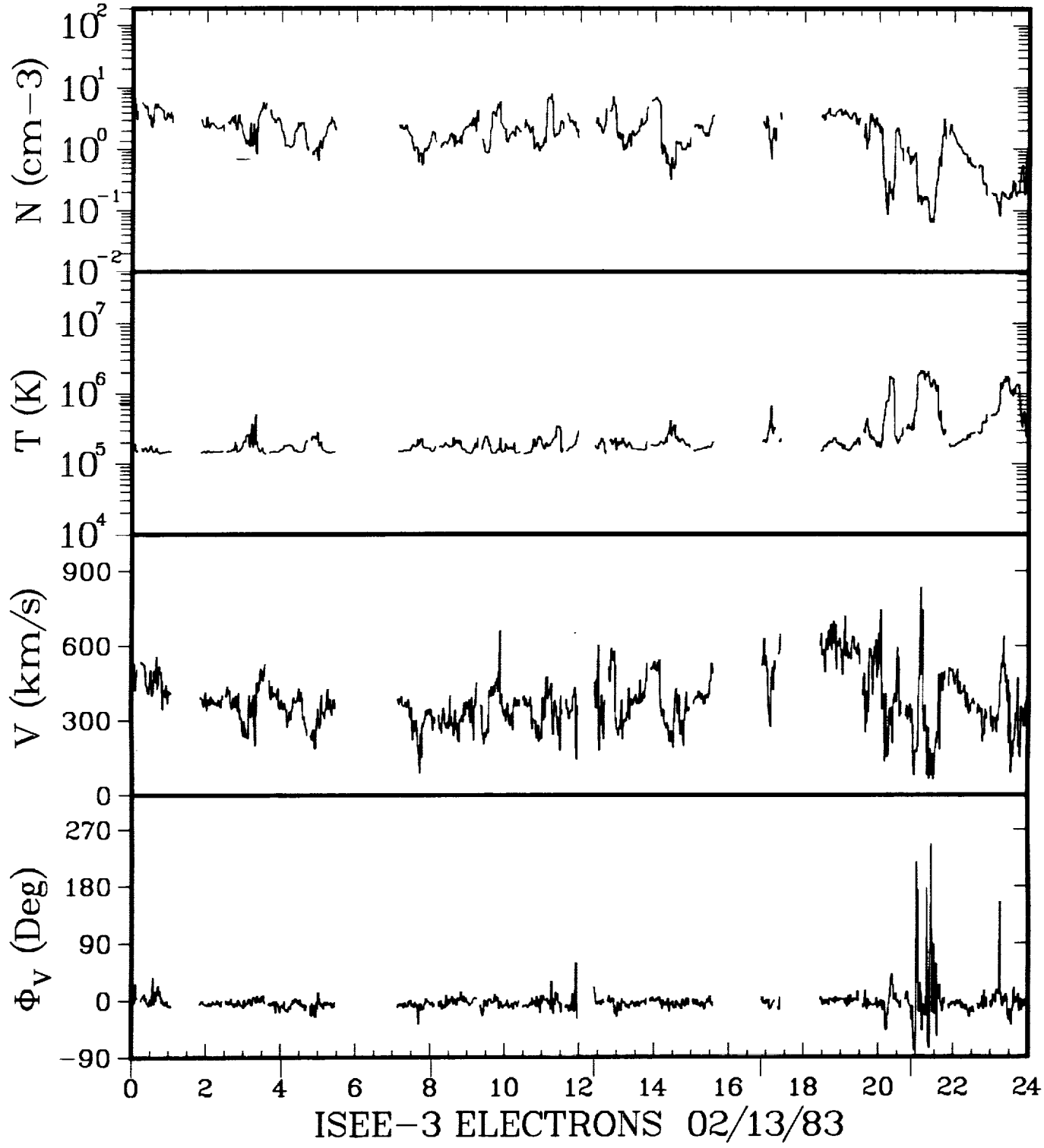
GSEX	-219.8	-219.8	-219.7	-219.6	-219.5
Y	25.5	25.8	26.4	26.9	27.2
Z	-13.0	-12.9	-12.9	-12.9	-12.9
GSMY	28.5	28.7	27.7	29.7	30.0
Z	1.7	-2.7	-9.8	-2.7	2.4



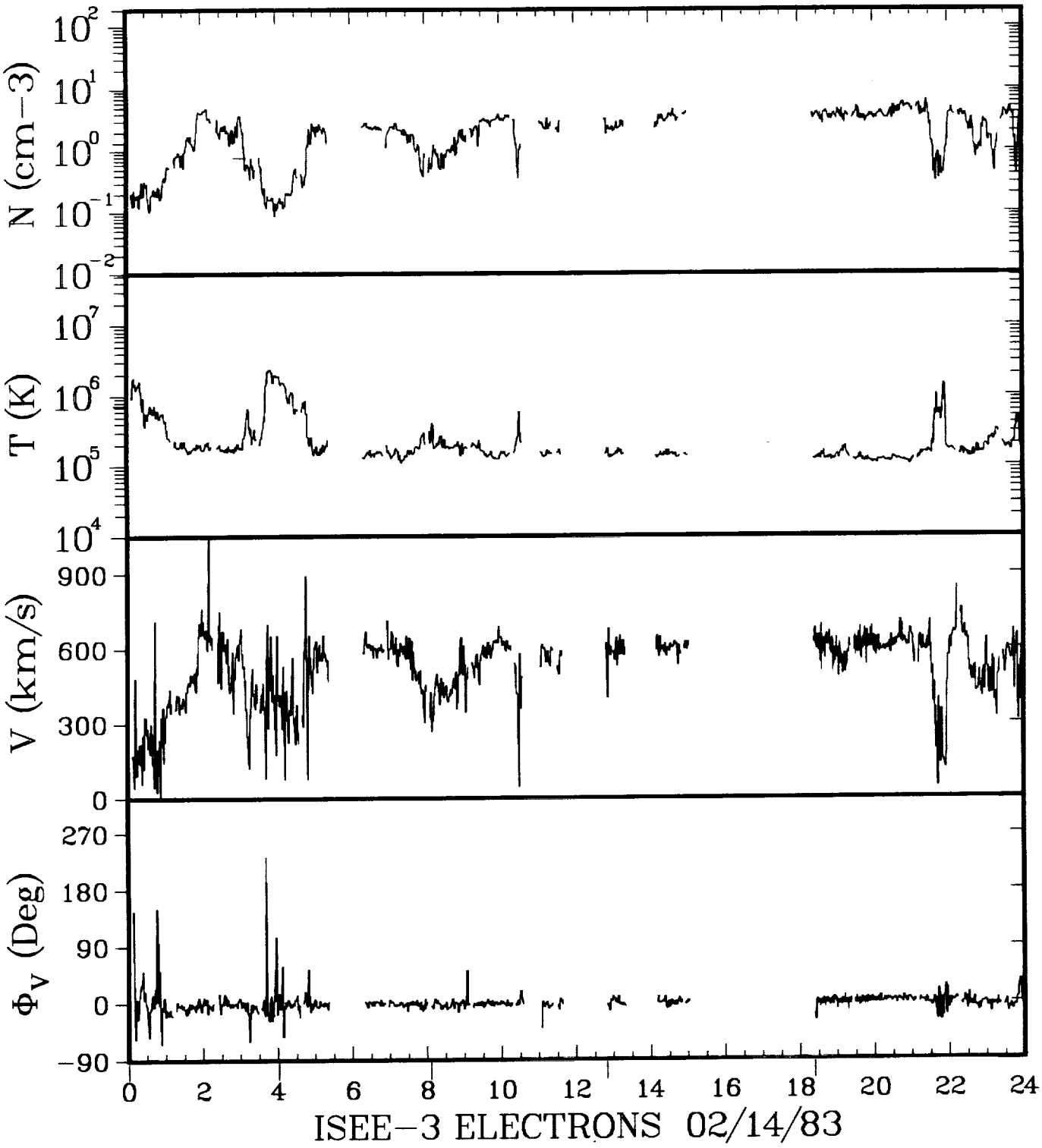
GSEX	-219.5	-219.4	-219.3	-219.3	-219.2	-219.1
Y	27.4	27.7	28.1	28.4	28.8	29.1
Z	-12.9	-12.8	-12.8	-12.8	-12.8	-12.8
GSMY	30.1	30.5	29.8	29.8	31.4	31.6
Z	2.9	-1.8	-8.1	-9.0	-2.7	3.2



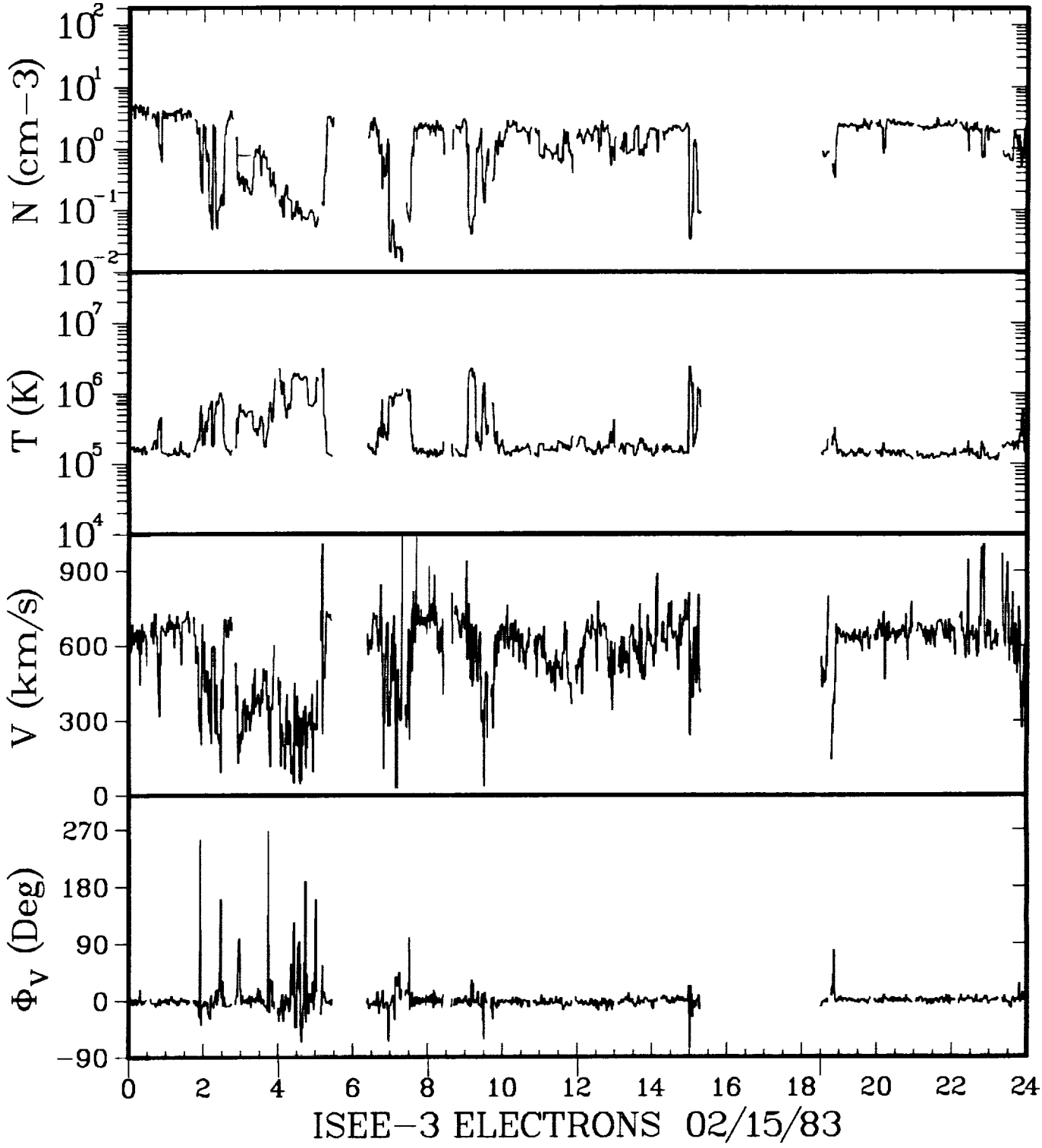
GSEX	-219.1	-219.0	-218.9	-218.8	-218.7
Y	29.3	29.7	30.0	30.3	30.8
Z	-12.8	-12.7	-12.7	-12.7	-12.7
GSMY	31.7	32.3	31.7	31.7	33.3
Z	4.1	-0.8	-7.5	-8.5	0.9



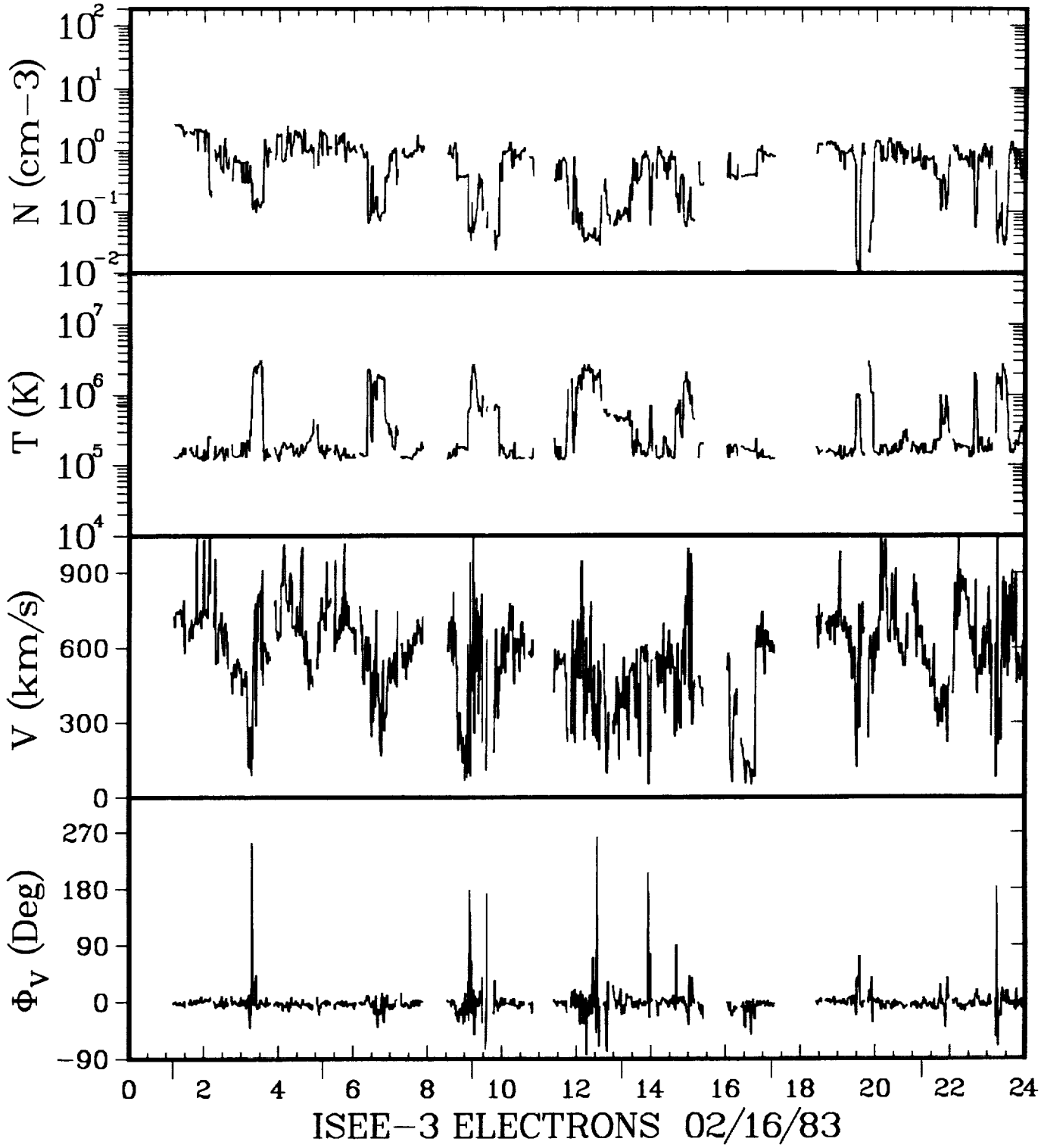
GSEX	-218.6	-218.5	-218.4	-218.3	-218.2	-218.1
Y	31.2	31.5	31.8	32.2	32.5	32.8
Z	-12.6	-12.6	-12.6	-12.6	-12.5	-12.5
GSMY	33.3	34.0	33.5	33.7	34.8	34.7
Z	5.3	0.2	-6.9	-7.7	-1.0	5.5



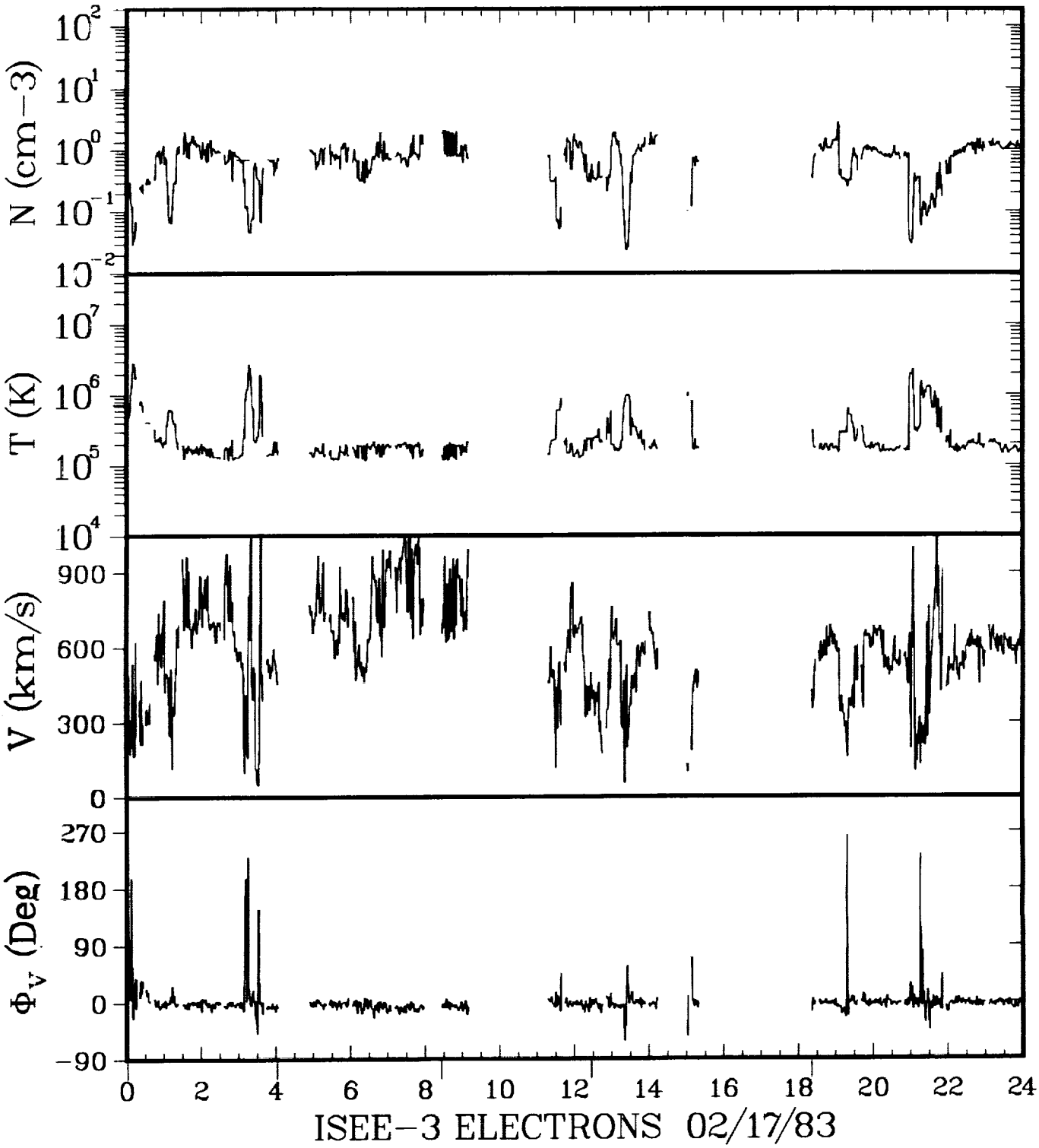
GSEX	-218.1	-218.0	-217.9	-217.7	-217.6
Y	33.0	33.3	33.6	34.0	34.4
Z	-12.5	-12.5	-12.4	-12.4	-12.4
GSMY	34.7	35.6	35.3	35.5	36.4
Z	6.5	1.1	-6.3	-6.7	2.9



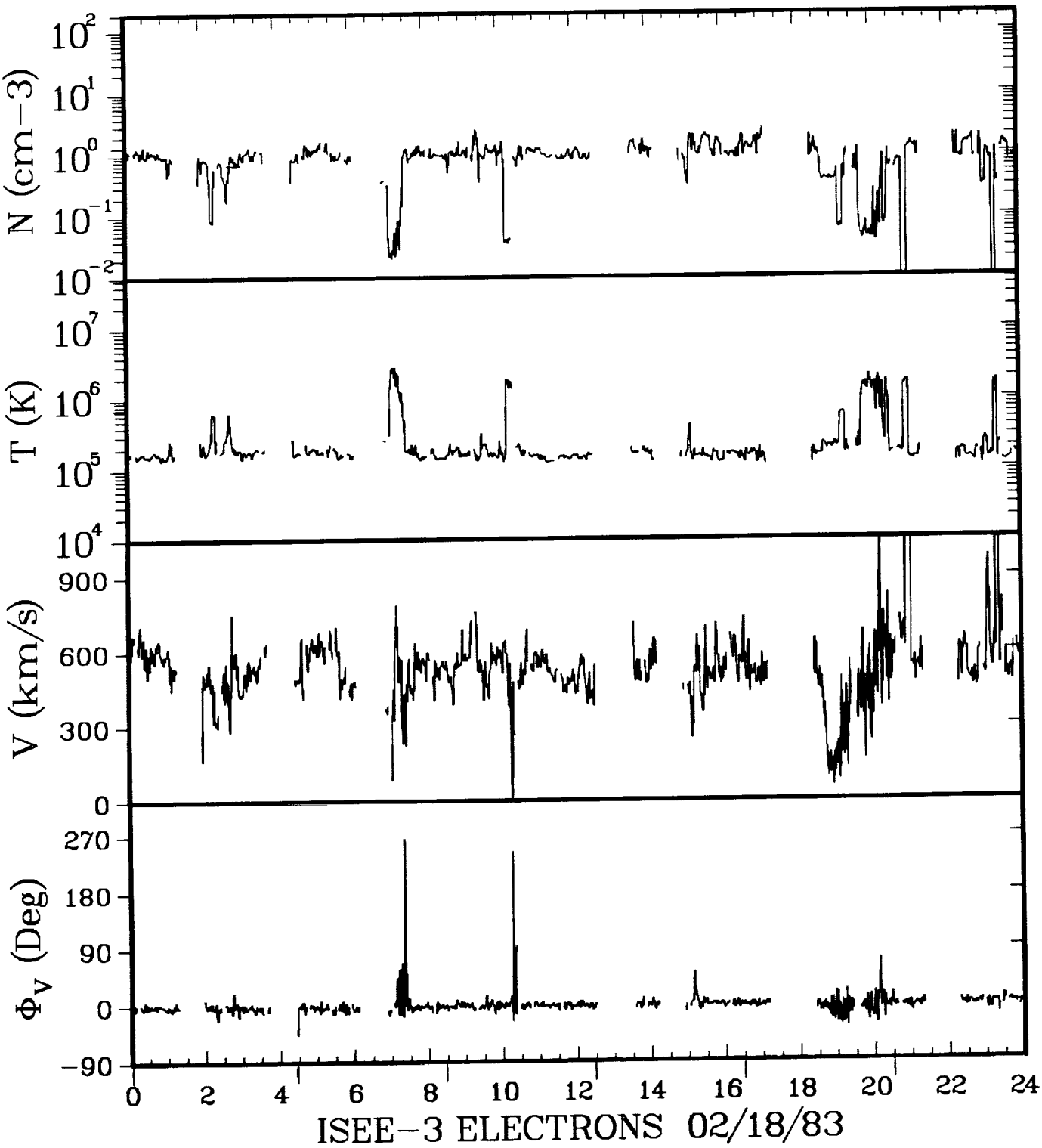
GSEX	-217.5	-217.4	-217.2	-217.1	-217.0
Y	34.8	35.1	35.4	35.7	36.1
Z	-12.3	-12.3	-12.3	-12.2	-12.2
GSMY	36.1	37.1	37.0	37.1	37.9
Z	7.6	2.1	-5.6	-6.9	4.1



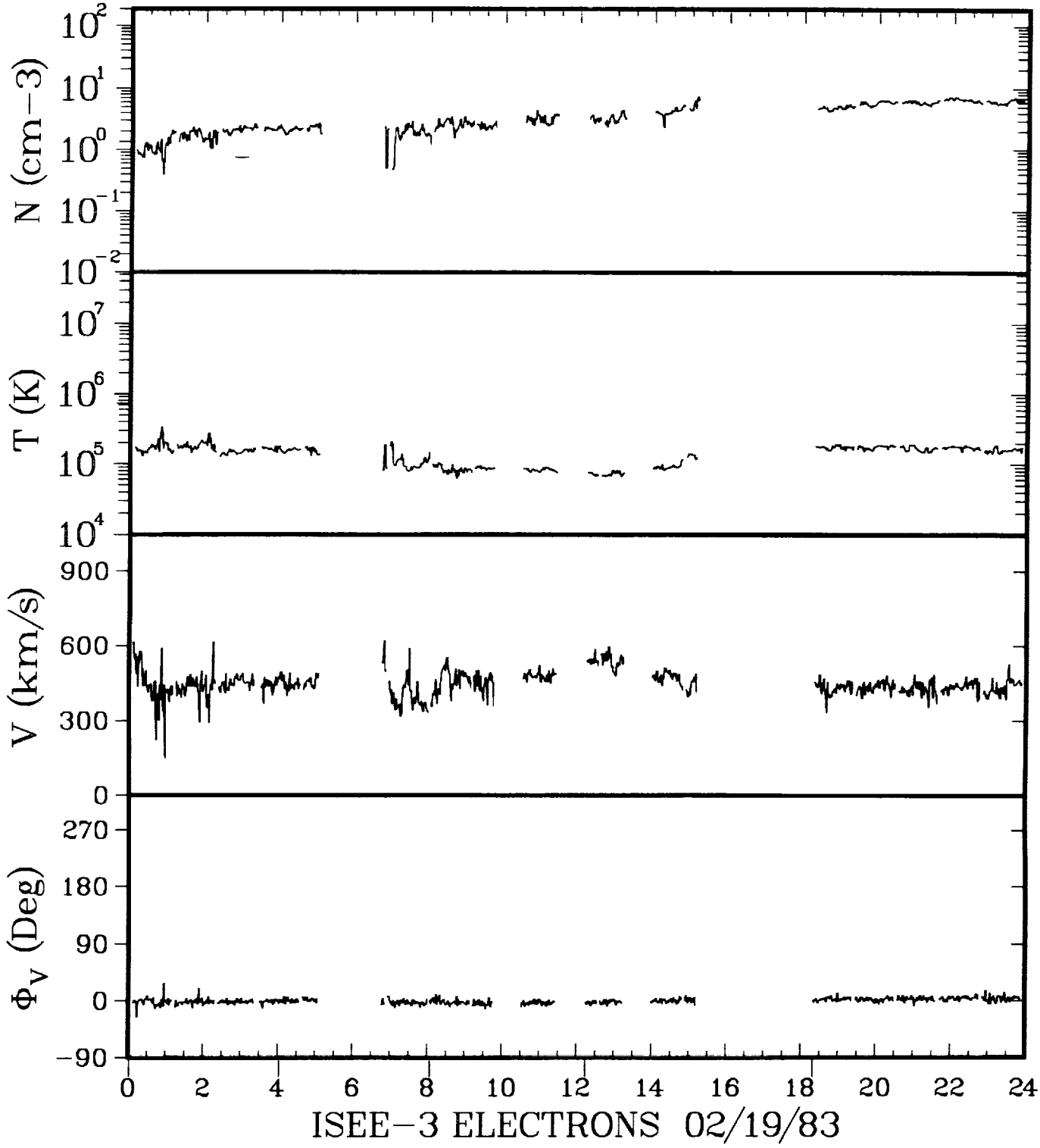
GSEX	-216.8	-216.6	-216.5	-216.4	-216.3	-216.2
Y	36.6	36.8	37.1	37.4	37.6	37.9
Z	-12.1	-12.1	-12.1	-12.0	-12.0	-11.9
GSMY	37.7	38.8	38.5	38.9	39.4	38.7
Z	7.9	0.4	-6.2	-5.0	2.5	9.3



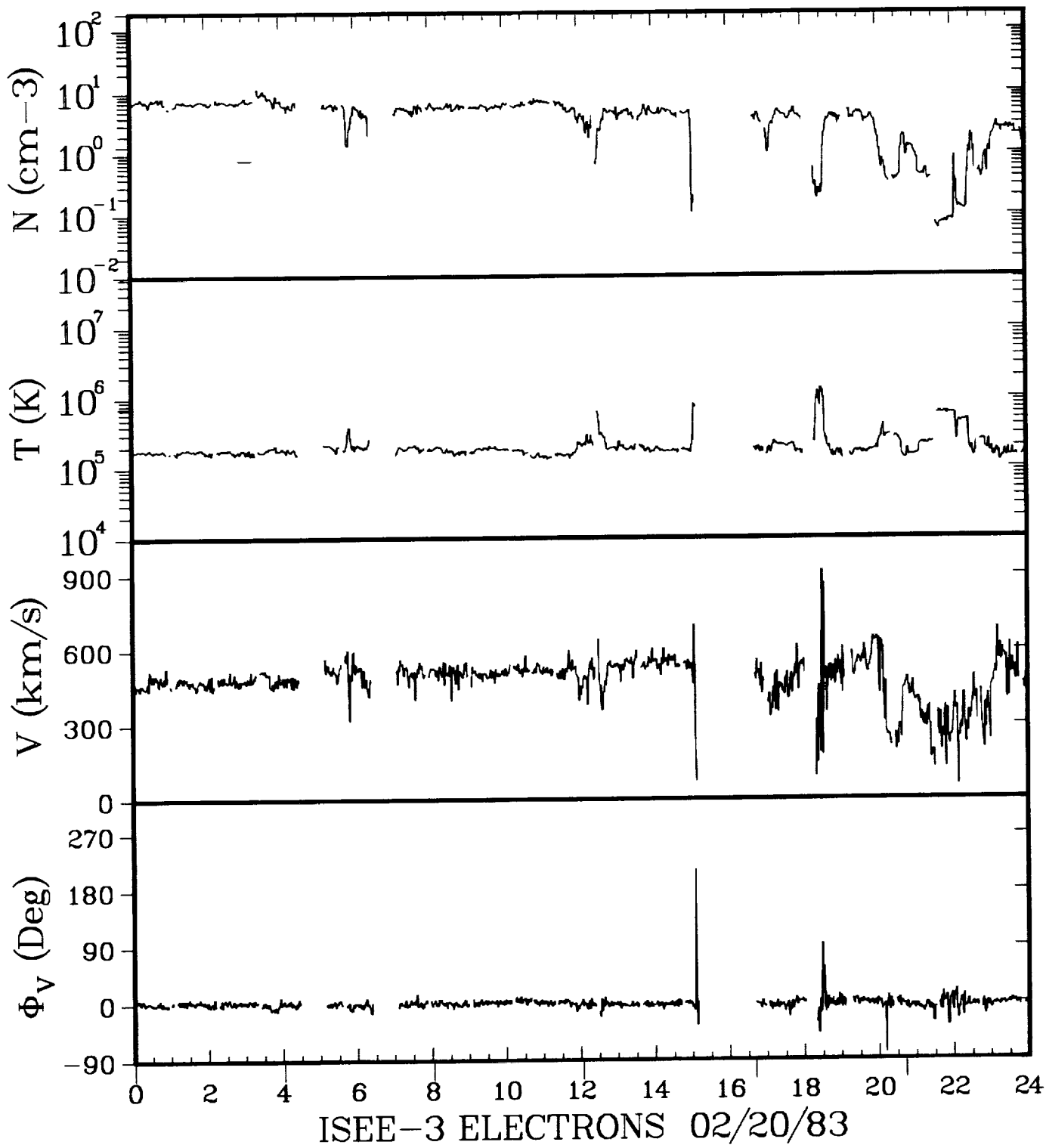
GSEX	-216.1	-215.9	-215.8	-215.7	-215.5
Y	38.1	38.4	38.6	38.9	39.3
Z	-11.9	-11.9	-11.8	-11.8	-11.8
GSMY	38.7	40.0	40.1	40.3	40.6
Z	9.9	3.9	-4.9	-5.3	5.8



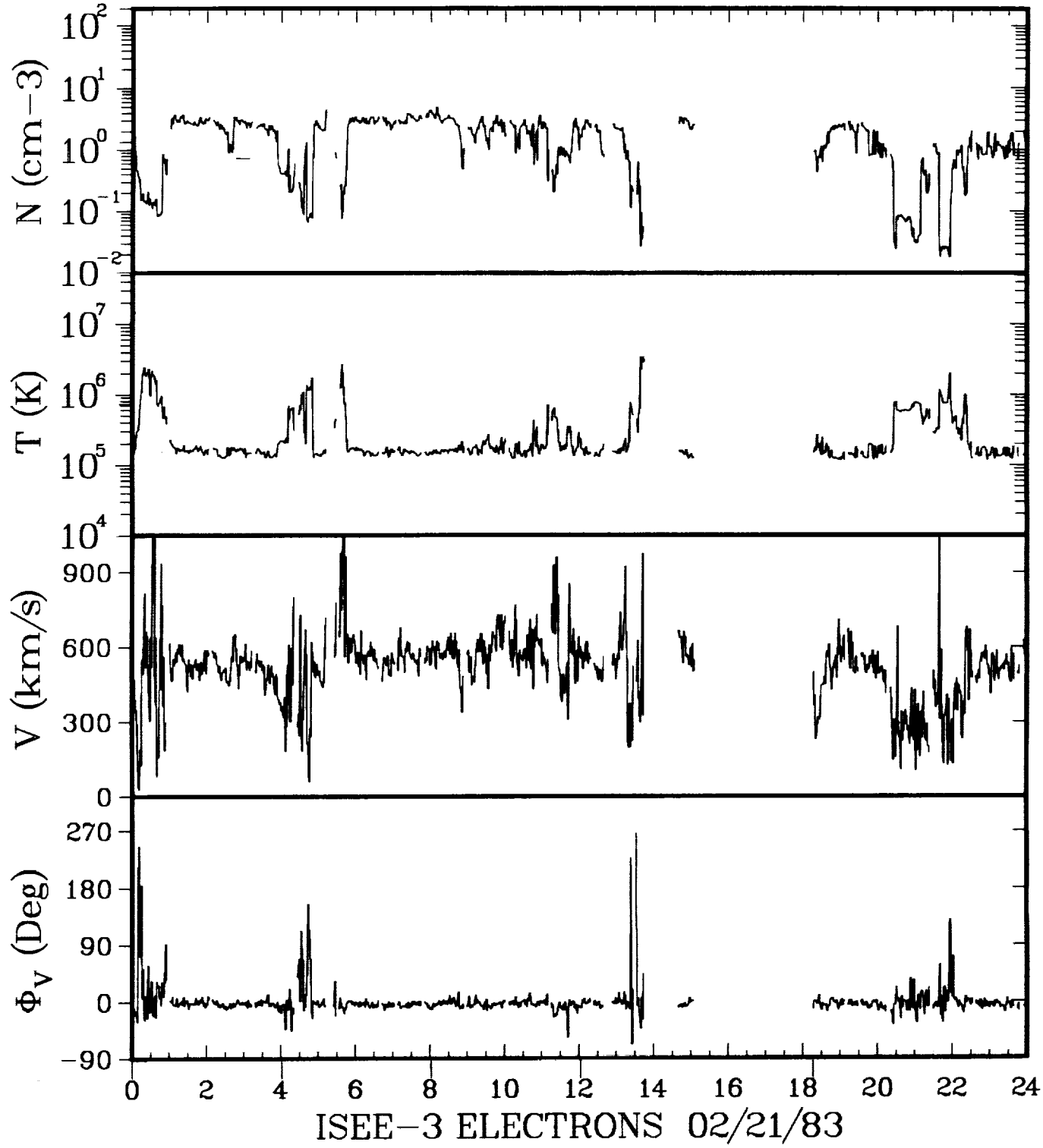
GSEX	-215.3	-215.1	-215.0	-214.8	-214.7	-214.5
Y	39.6	39.9	40.1	40.3	40.6	40.8
Z	-11.7	-11.7	-11.6	-11.6	-11.5	-11.5
GSMY	39.8	41.4	41.5	41.7	42.1	41.0
Z	11.1	3.9	-4.2	-4.6	2.6	10.6



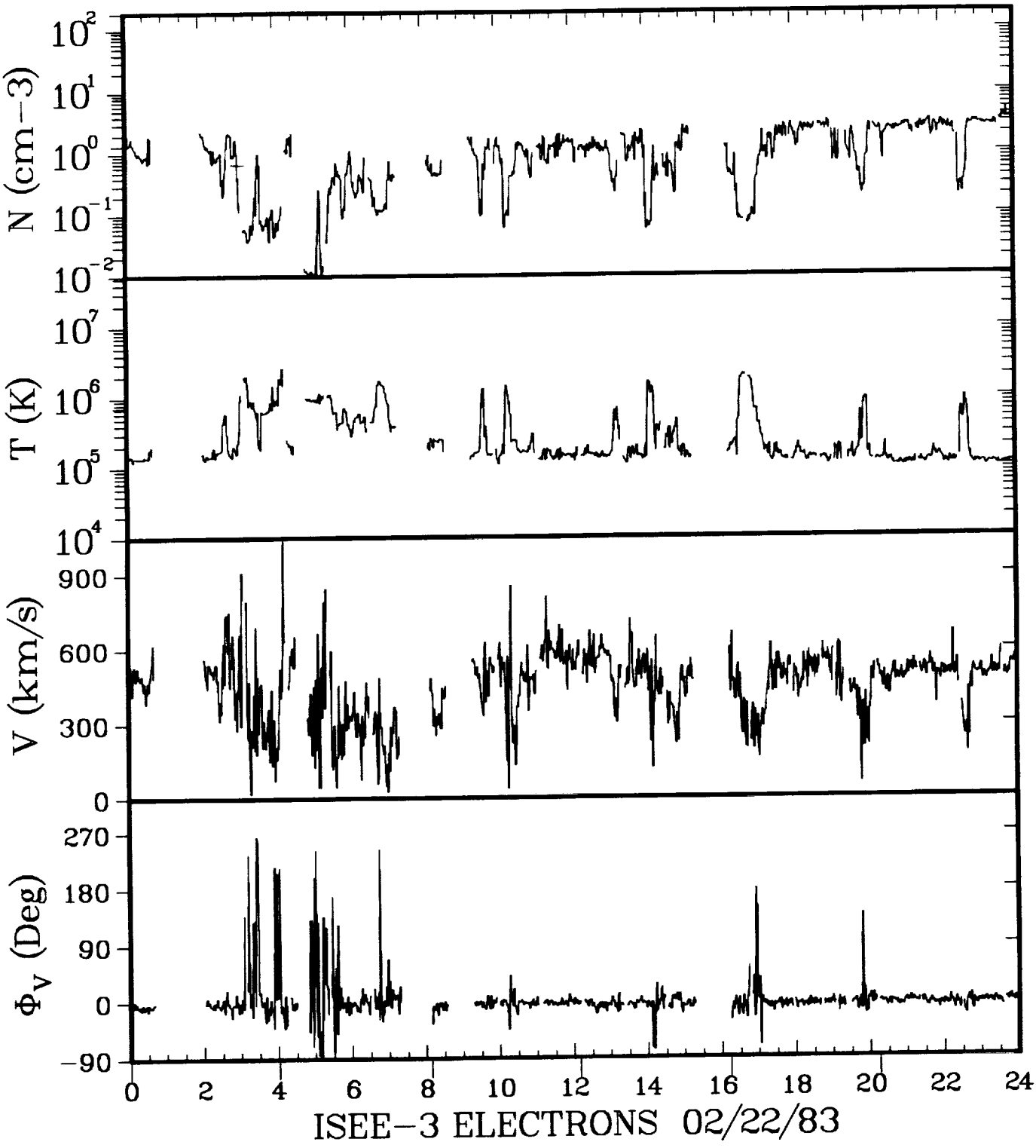
GSEX	-214.4	-214.3	-214.1	-213.9	-213.7
Y	41.0	41.2	41.4	41.7	42.0
Z	-11.5	-11.4	-11.4	-11.3	-11.3
GSMY	40.8	42.4	42.9	43.0	42.8
Z	12.1	5.8	-3.0	-4.2	7.7



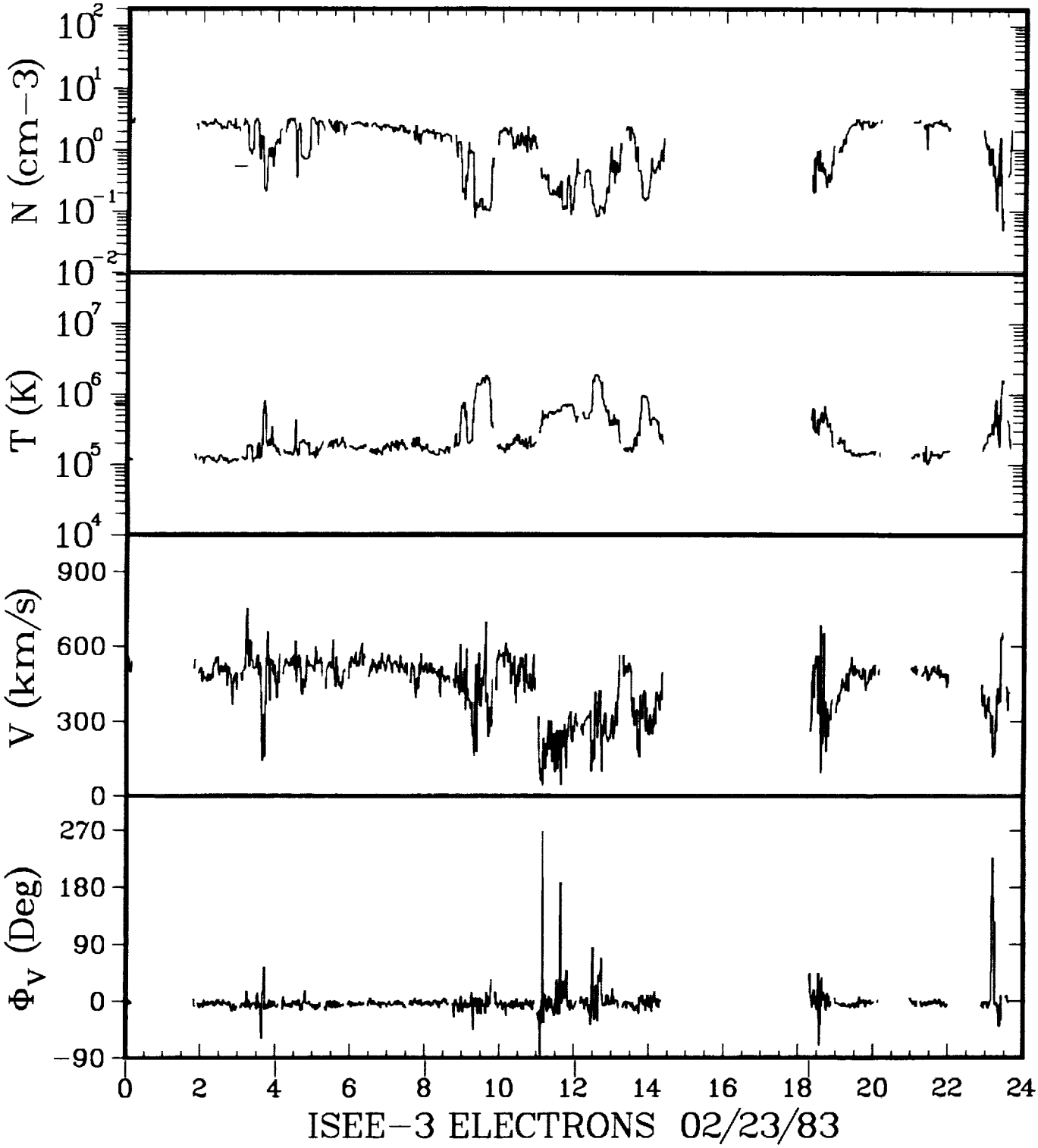
GSEX	-213.5	-213.3	-213.1	-213.0	-212.8	-212.6
Y	42.3	42.5	42.7	42.9	43.1	43.3
Z	-11.2	-11.1	-11.1	-11.0	-11.0	-10.9
GSMY	41.7	43.4	44.0	44.1	44.2	42.8
Z	13.2	6.6	-2.3	-3.8	4.8	12.9



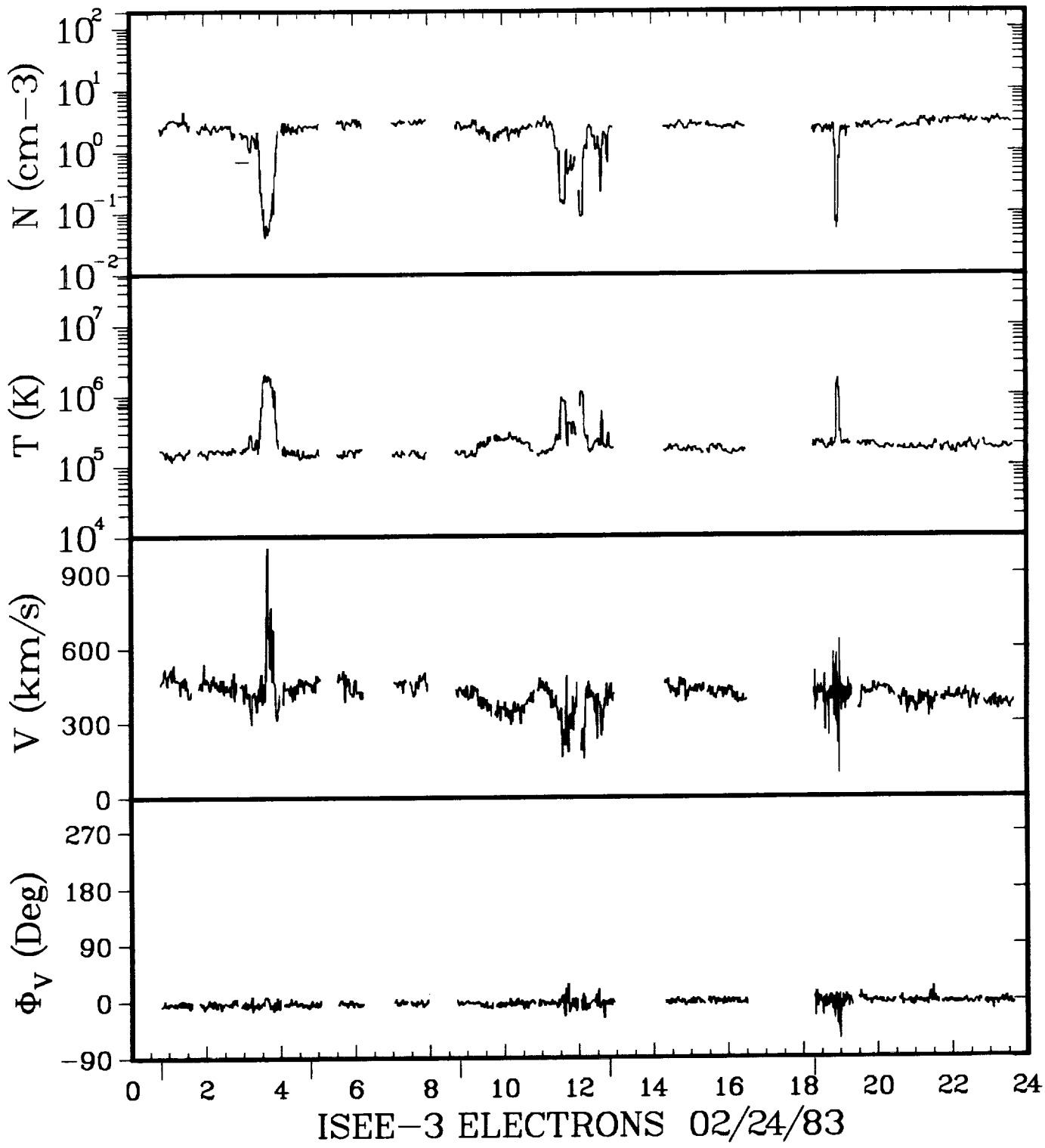
GSEX	-212.4	-212.3	-212.1	-211.9	-211.6
Y	43.5	43.6	43.8	44.0	44.3
Z	-10.9	-10.9	-10.8	-10.8	-10.7
GSMY	42.5	44.3	45.1	45.2	44.6
Z	14.2	7.5	-1.7	-3.2	9.3



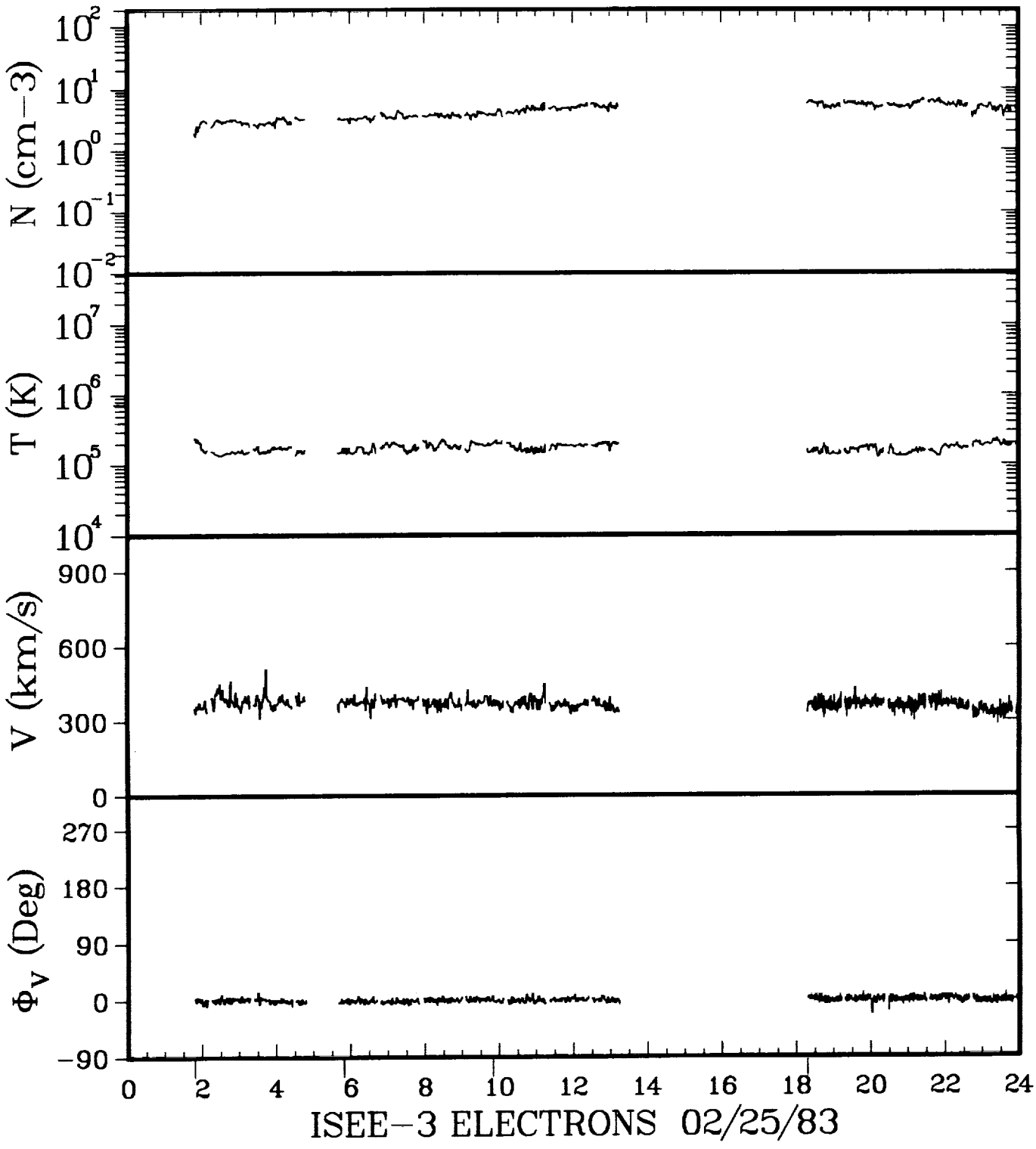
GSEX	-211.3	-211.1	-210.9	-210.7	-210.5	-210.3
Y	44.5	44.7	44.8	45.0	45.1	45.3
Z	-10.6	-10.6	-10.5	-10.4	-10.4	-10.3
GSMY	43.2	45.1	46.0	46.1	46.0	44.3
Z	15.1	8.4	-1.2	-2.5	5.2	14.0



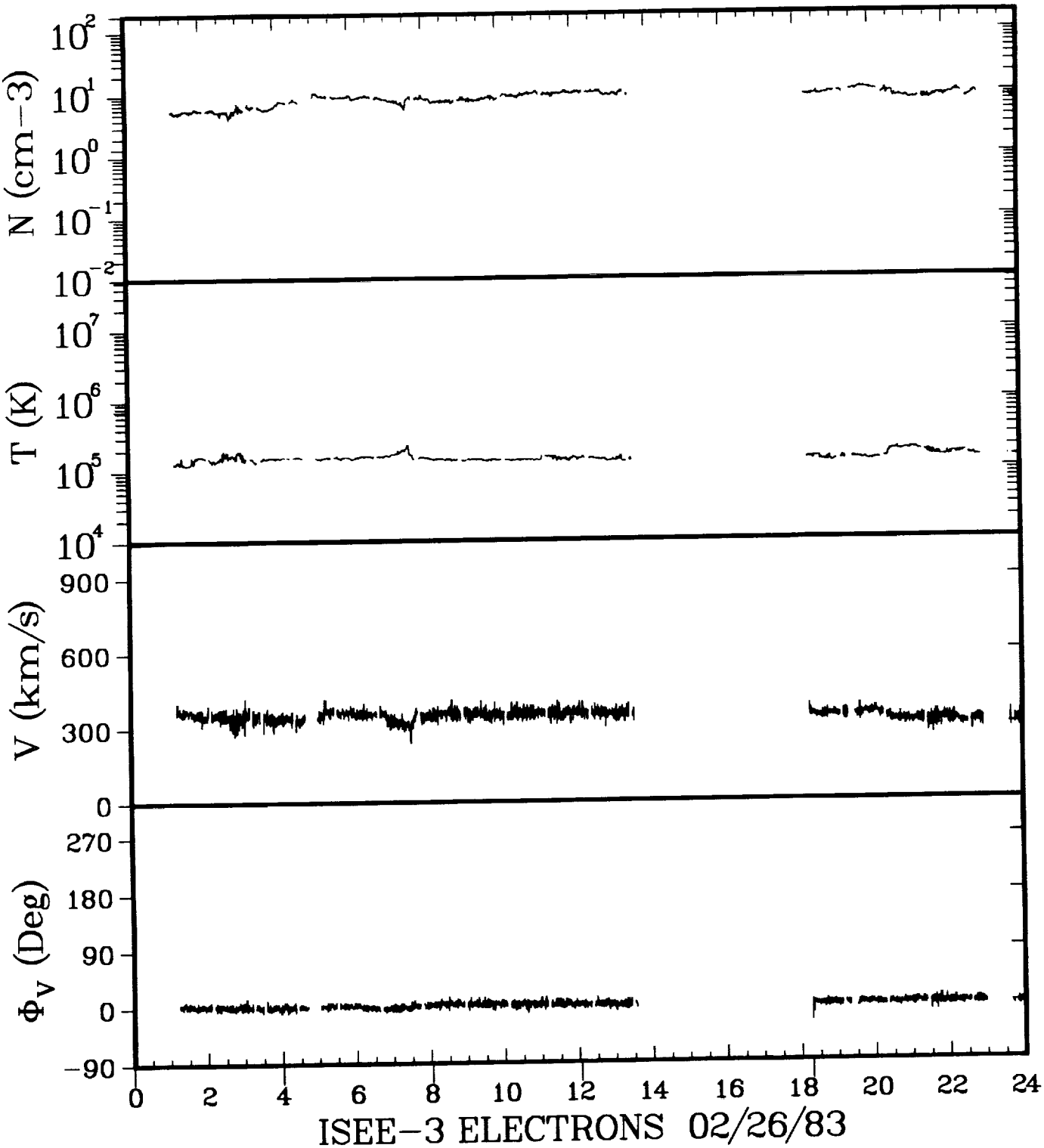
GSEX	-210.1	-209.9	-209.7	-209.5	-209.1
Y	45.4	45.5	45.7	45.8	46.0
Z	-10.3	-10.2	-10.2	-10.1	-10.0
GSMY	43.7	45.8	46.8	46.9	45.8
Z	16.0	9.1	-0.4	-1.9	11.0



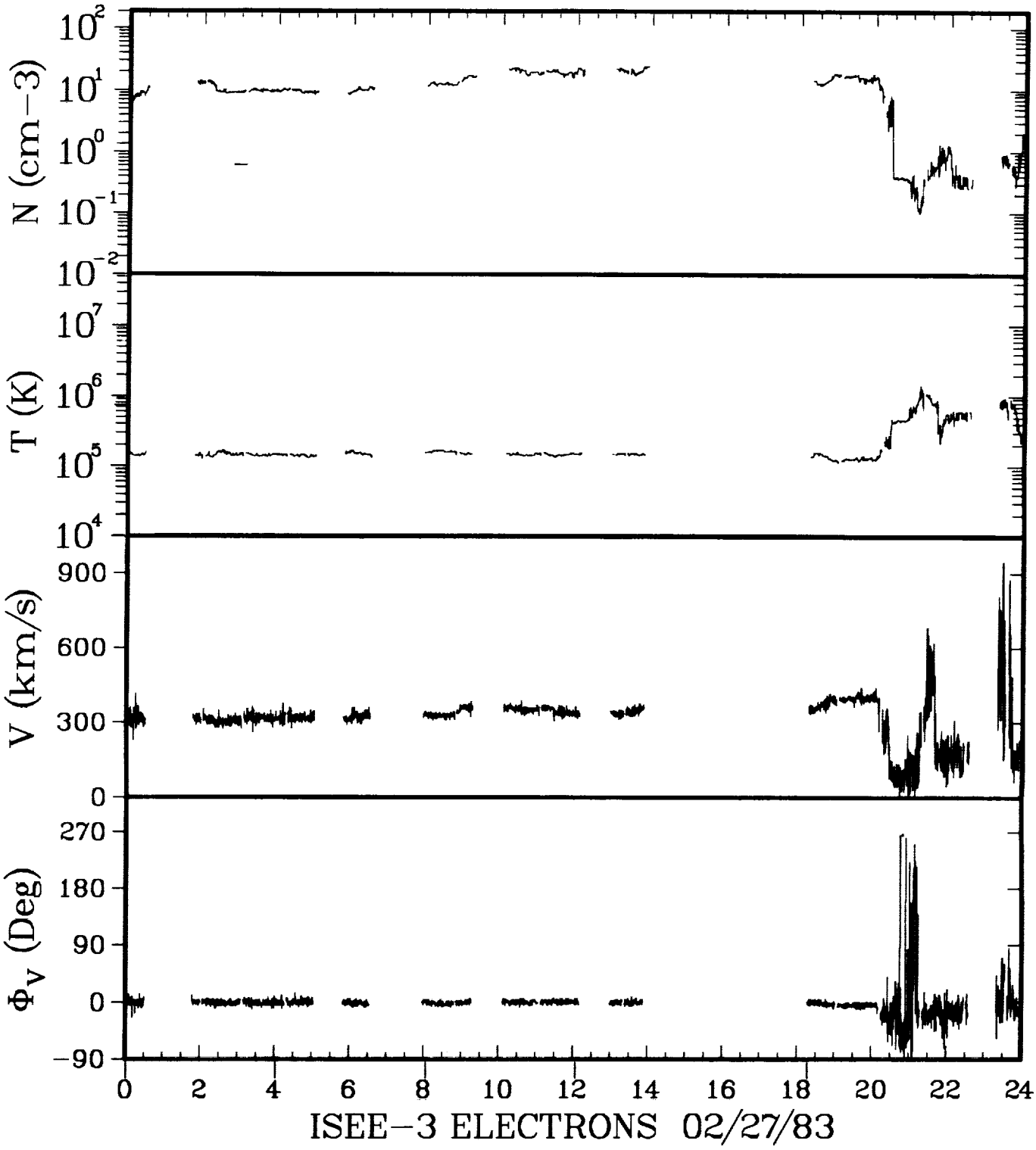
GSEX	-208.8	-208.5	-208.3	-208.1	-207.7
Y	46.2	46.3	46.4	46.5	46.7
Z	-9.9	-9.9	-9.8	-9.8	-9.7
GSMY	44.4	46.7	47.4	47.5	46.2
Z	16.1	7.8	-0.8	-0.5	11.7



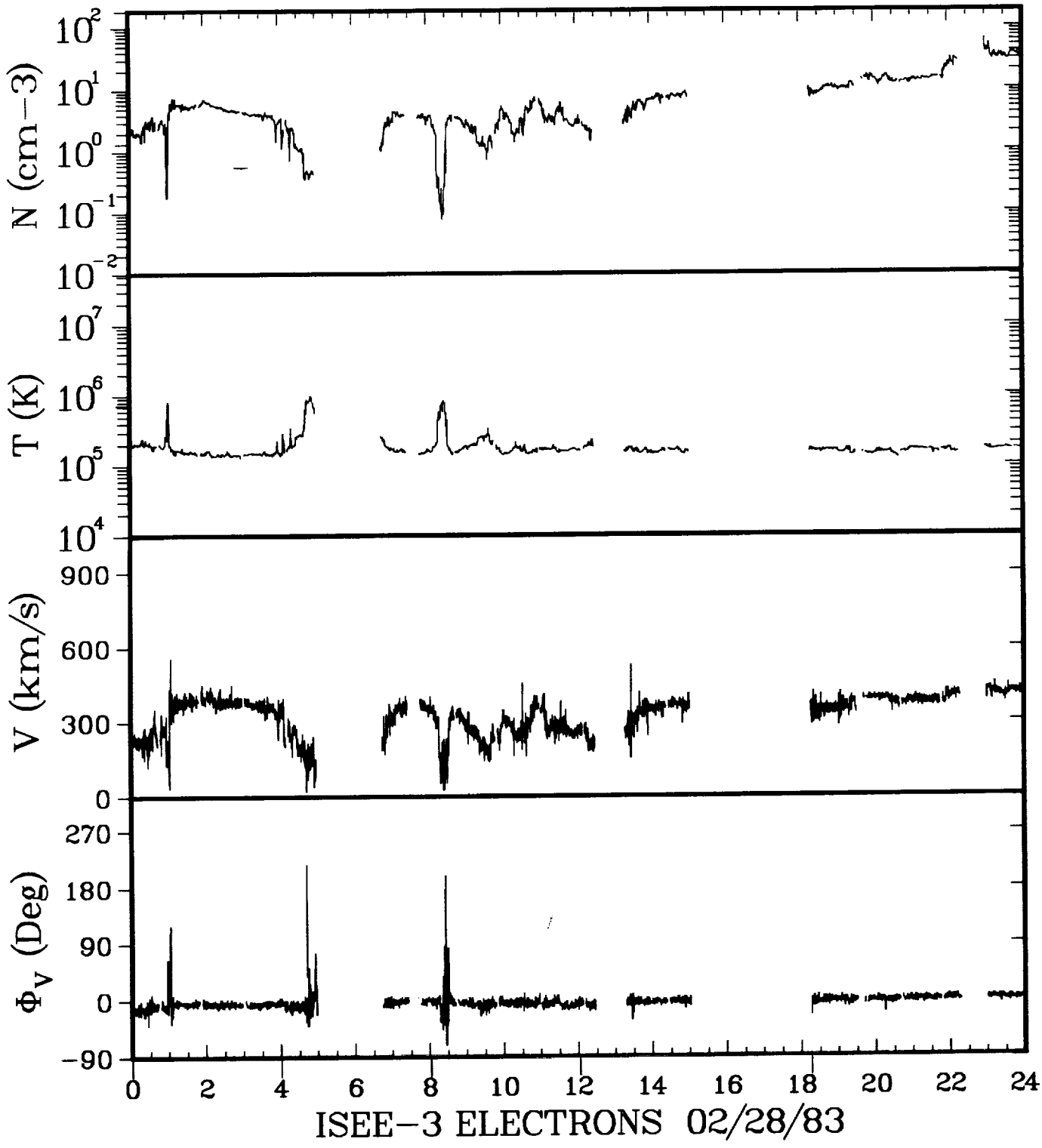
GSEX	-207.3	-207.0	-206.8	-206.2
Y	46.8	46.9	47.0	47.2
Z	-9.6	-9.5	-9.5	-9.3
GSMY	45.3	47.5	48.0	46.5
Z	15.4	5.8	-1.2	12.4



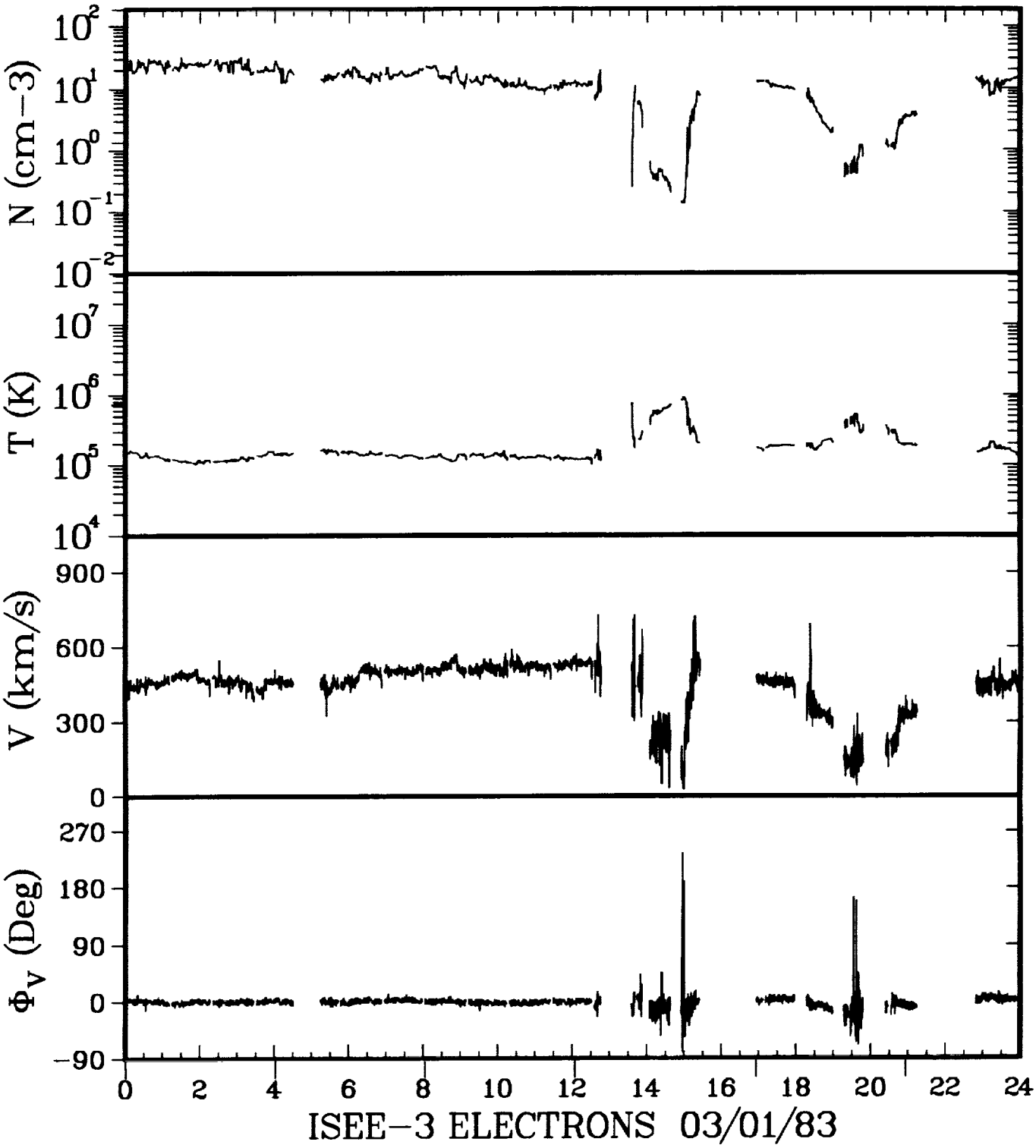
GSEX	-205.8	-205.6	-205.3	-205.0	-204.6
Y	47.3	47.4	47.4	47.5	47.6
Z	-9.3	-9.2	-9.1	-9.1	-9.0
GSMY	44.6	47.0	48.3	48.4	46.7
Z	18.2	11.2	1.5	-0.2	13.0



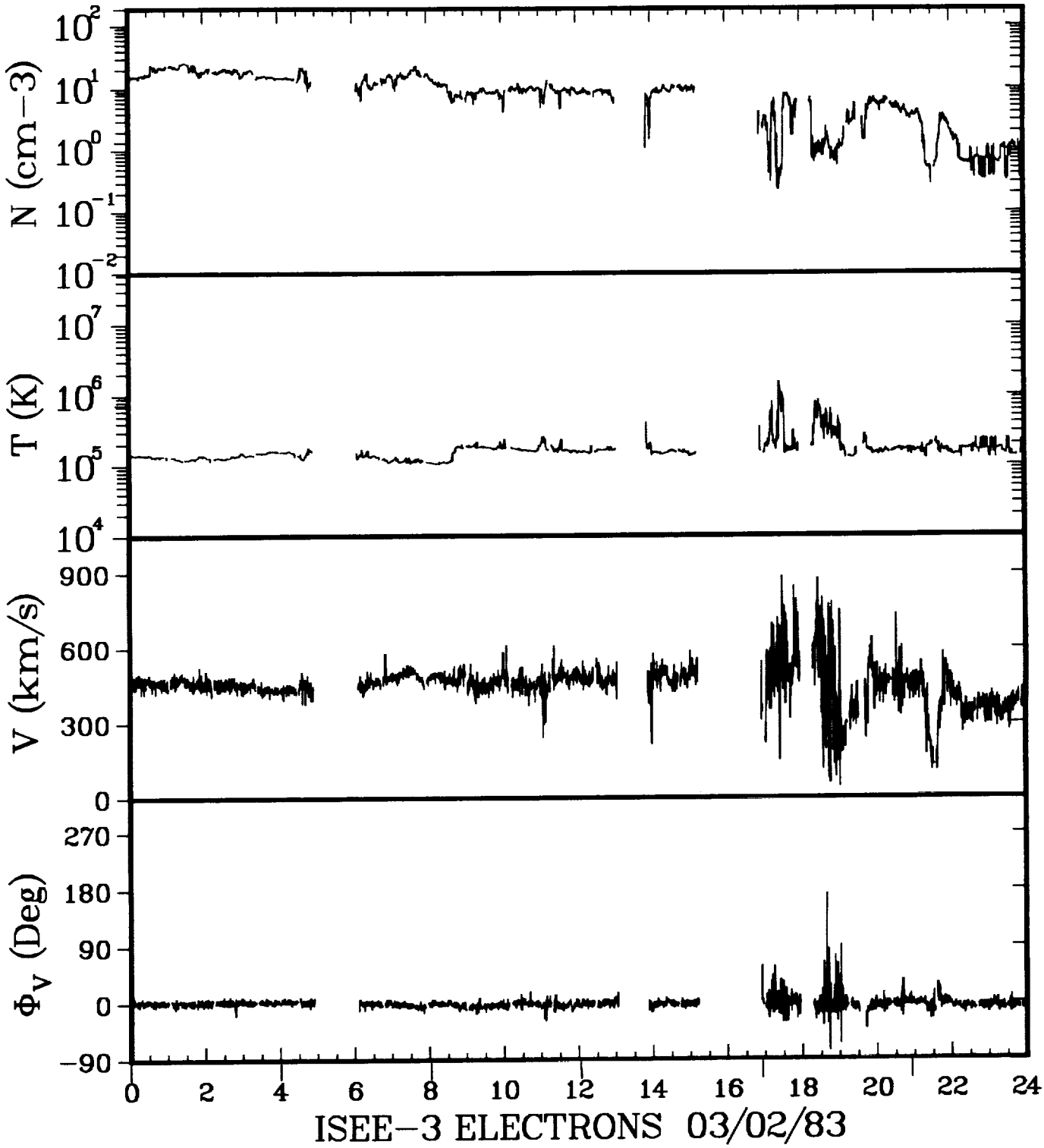
GSEX	-204.2	-203.9	-203.6	-203.3	-202.8
Y	47.7	47.7	47.8	47.8	47.9
Z	-8.9	-8.8	-8.8	-8.7	-8.6
GSMY	44.7	47.1	48.5	48.6	46.7
Z	18.8	11.7	2.0	0.4	13.6



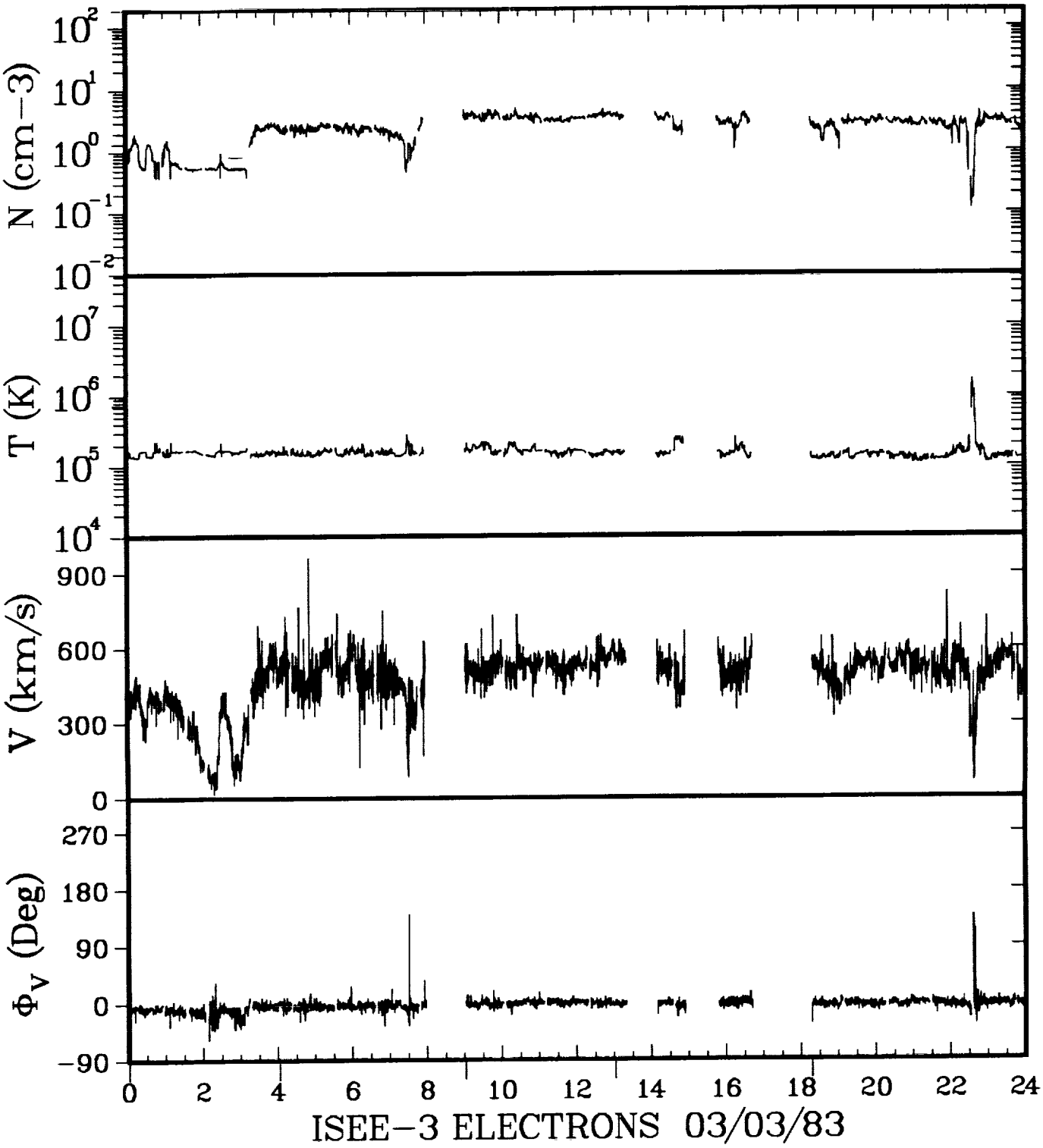
GSEX	-202.4	-202.1	-201.7	-201.4	-200.9
Y	47.9	47.9	48.0	48.0	48.0
Z	-8.5	-8.4	-8.4	-8.3	-8.2
GSMY	44.7	47.1	48.6	48.7	46.6
Z	19.3	12.3	2.6	0.9	14.1



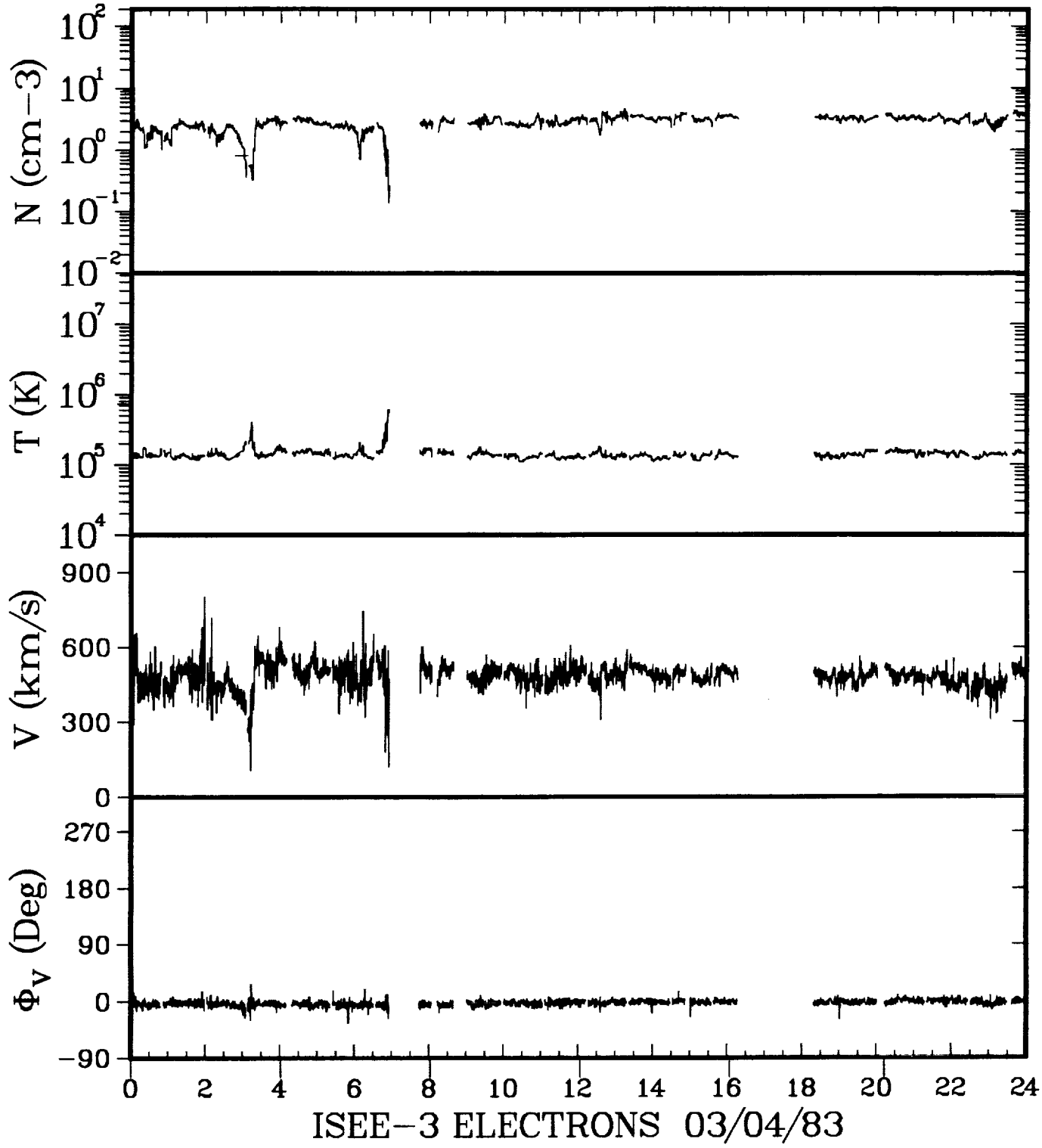
GSEX	-200.4	-200.1	-199.8	-199.4	-199.0	-198.7
Y	48.0	48.0	48.1	48.1	48.1	48.0
Z	-8.1	-8.0	-8.0	-7.9	-7.8	-7.8
GSMY	44.5	47.0	48.6	48.7	47.4	44.6
Z	19.8	12.7	3.1	1.4	11.3	19.4



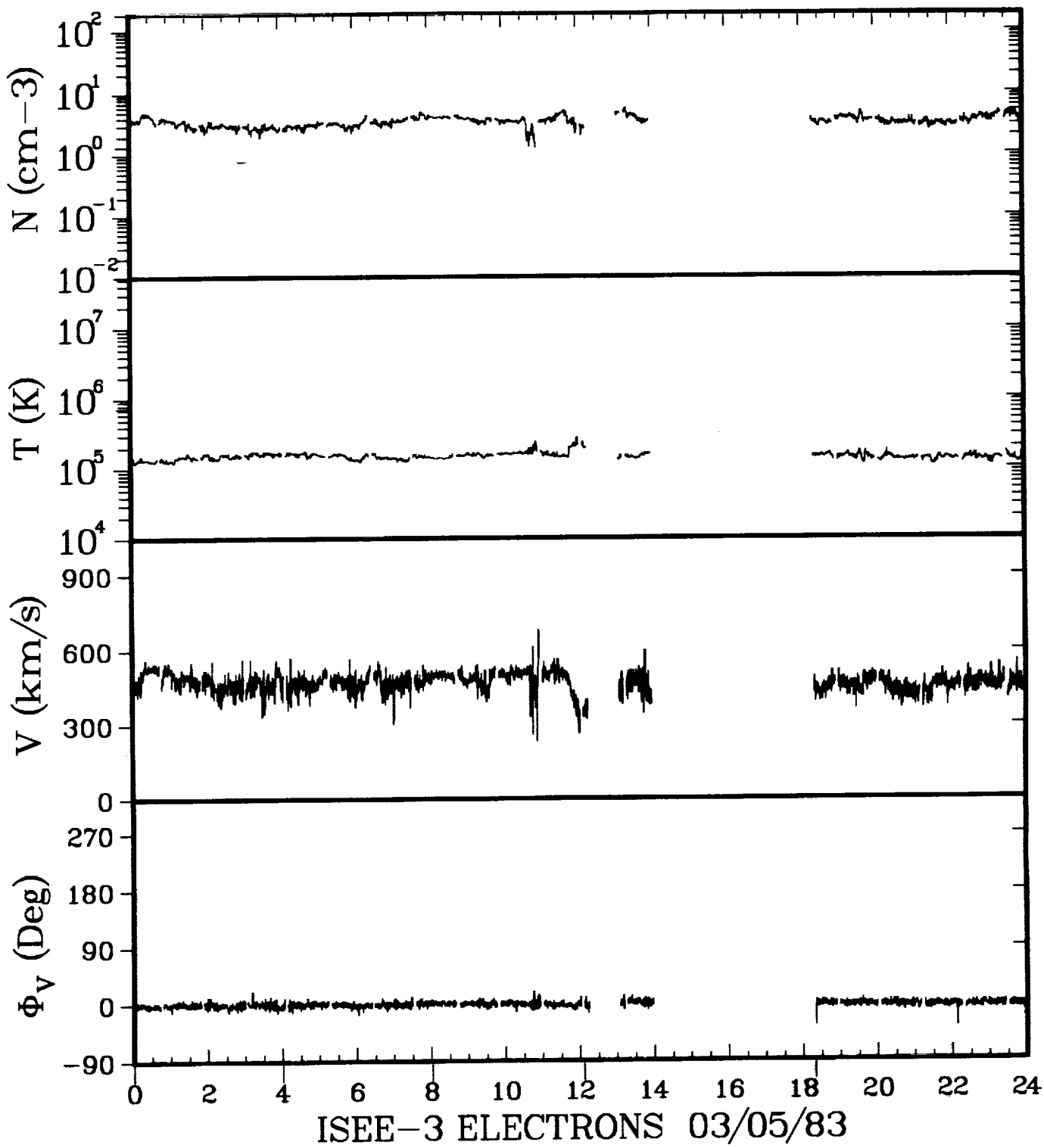
GSEX	-198.4	-198.0	-197.7	-197.3	-196.9	-196.5
Y	48.0	48.0	48.0	48.0	48.0	47.9
Z	-7.7	-7.6	-7.6	-7.5	-7.4	-7.4
GSMY	44.2	46.8	48.5	48.5	47.1	44.3
Z	20.2	13.2	3.6	1.9	11.7	19.7



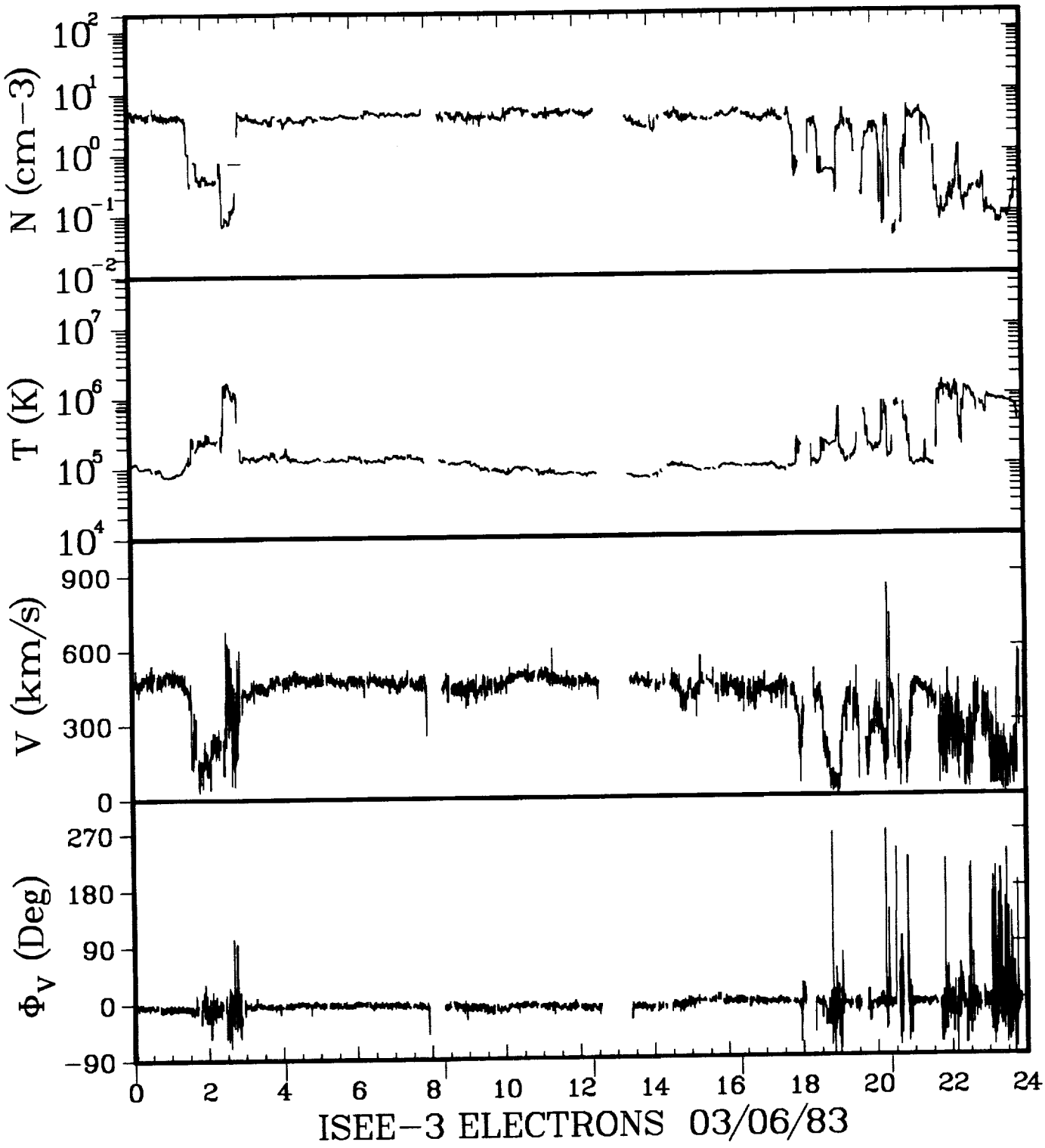
GSEX	-196.2	-195.8	-195.4	-195.0	-194.5
Y	47.9	47.9	47.8	47.8	47.8
Z	-7.3	-7.2	-7.2	-7.1	-7.0
GSMY	43.9	46.5	48.3	48.2	45.7
Z	20.6	13.5	2.7	3.5	15.4



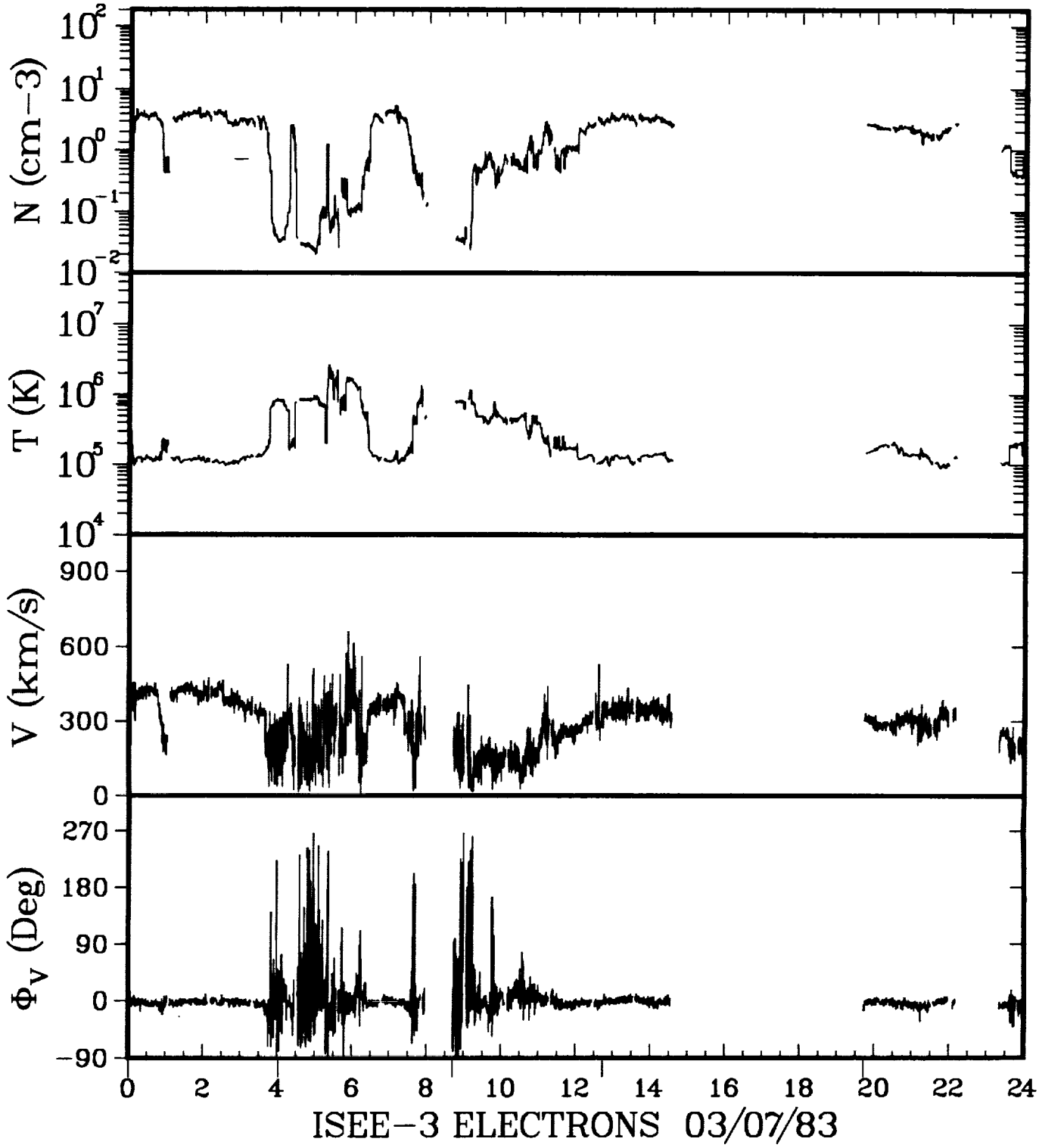
GSEX	-193.9	-193.5	-193.1	-192.7	-192.3	-191.9
Y	47.7	47.6	47.6	47.5	47.5	47.4
Z	-6.9	-6.8	-6.8	-6.7	-6.6	-6.6
GSMY	43.4	46.1	47.8	47.9	46.8	43.7
Z	20.9	14.0	4.5	2.8	10.3	19.4



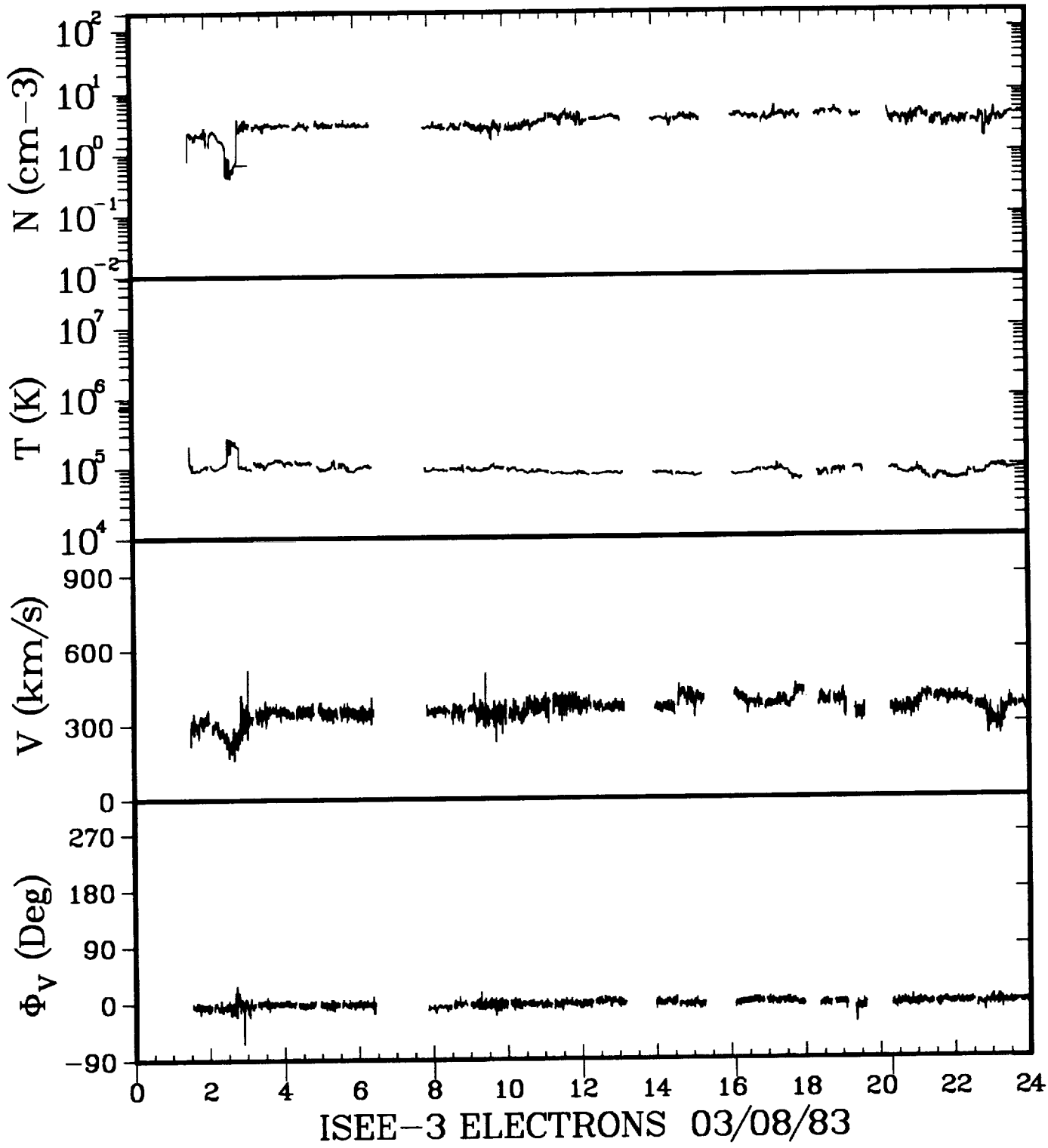
GSEX	-191.5	-191.1	-190.7	-190.3	-189.6
Y	47.3	47.3	47.2	47.1	47.0
Z	-6.5	-6.4	-6.3	-6.3	-6.2
GSMY	42.9	45.5	47.4	47.4	44.6
Z	21.1	14.3	4.9	3.3	16.1



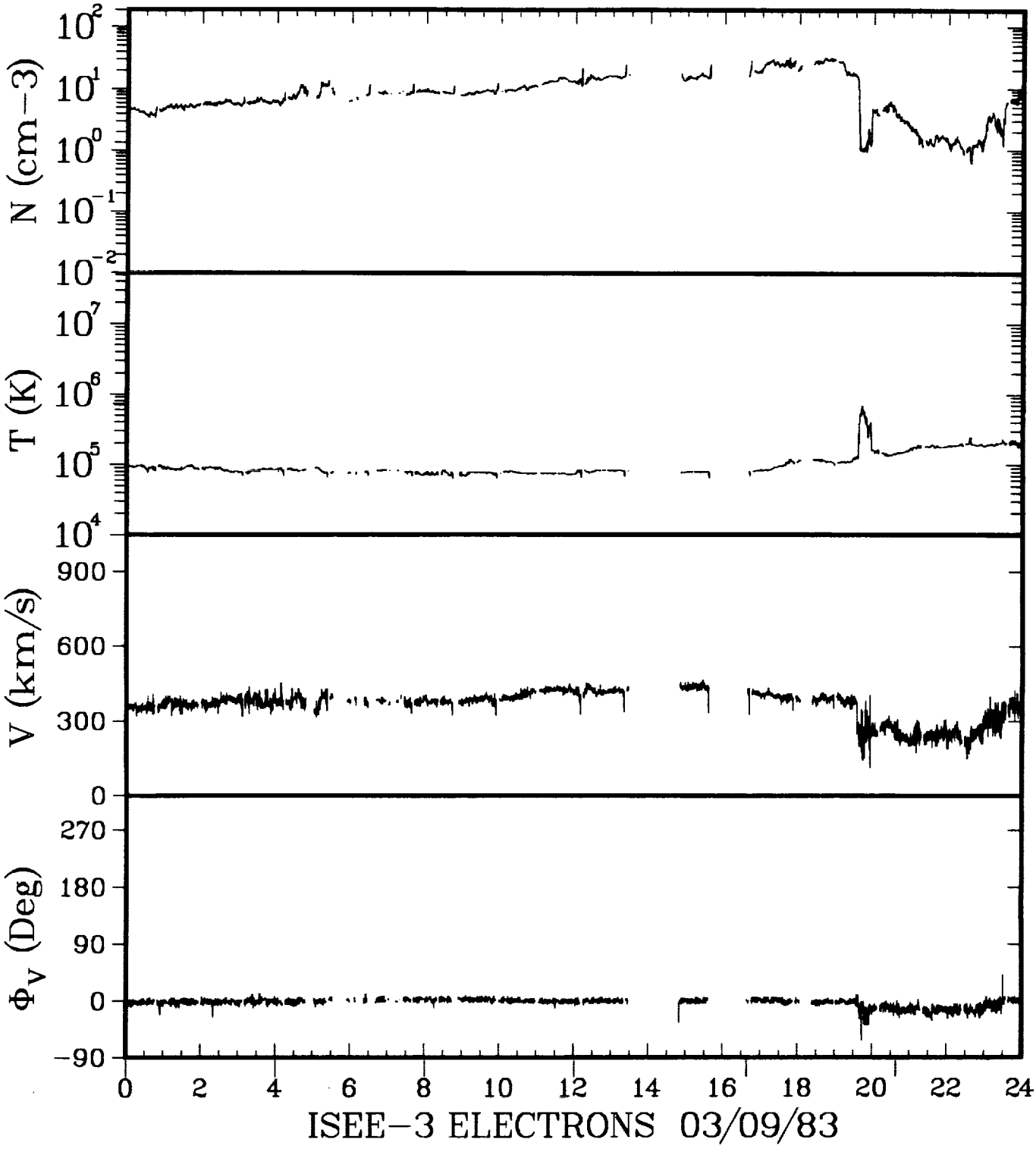
GSEX	-189.0	-188.6	-188.1	-187.7	-187.2	-186.8
Y	46.8	46.8	46.6	46.5	46.4	46.3
Z	-6.1	-6.0	-5.9	-5.8	-5.8	-5.7
GSMY	42.2	44.9	46.8	46.8	45.4	42.2
Z	21.2	14.4	4.8	3.9	11.6	19.9



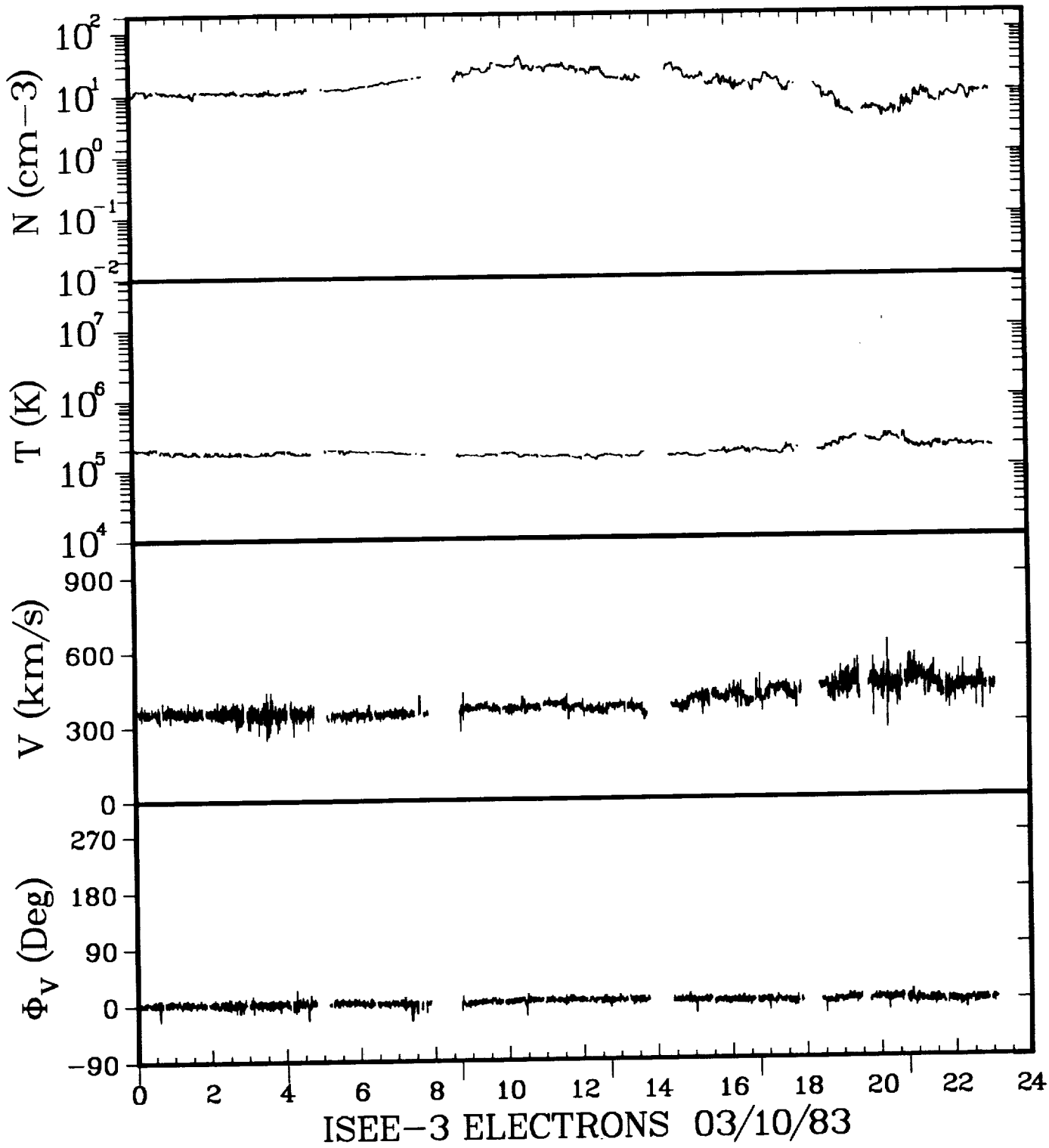
GSEX	-186.4	-185.9	-185.4	-184.9	-184.1
Y	46.2	46.1	46.0	45.9	45.6
Z	-5.6	-5.5	-5.5	-5.4	-5.2
GSMY	41.4	44.1	46.1	45.9	41.8
Z	21.3	14.6	4.7	4.7	19.0



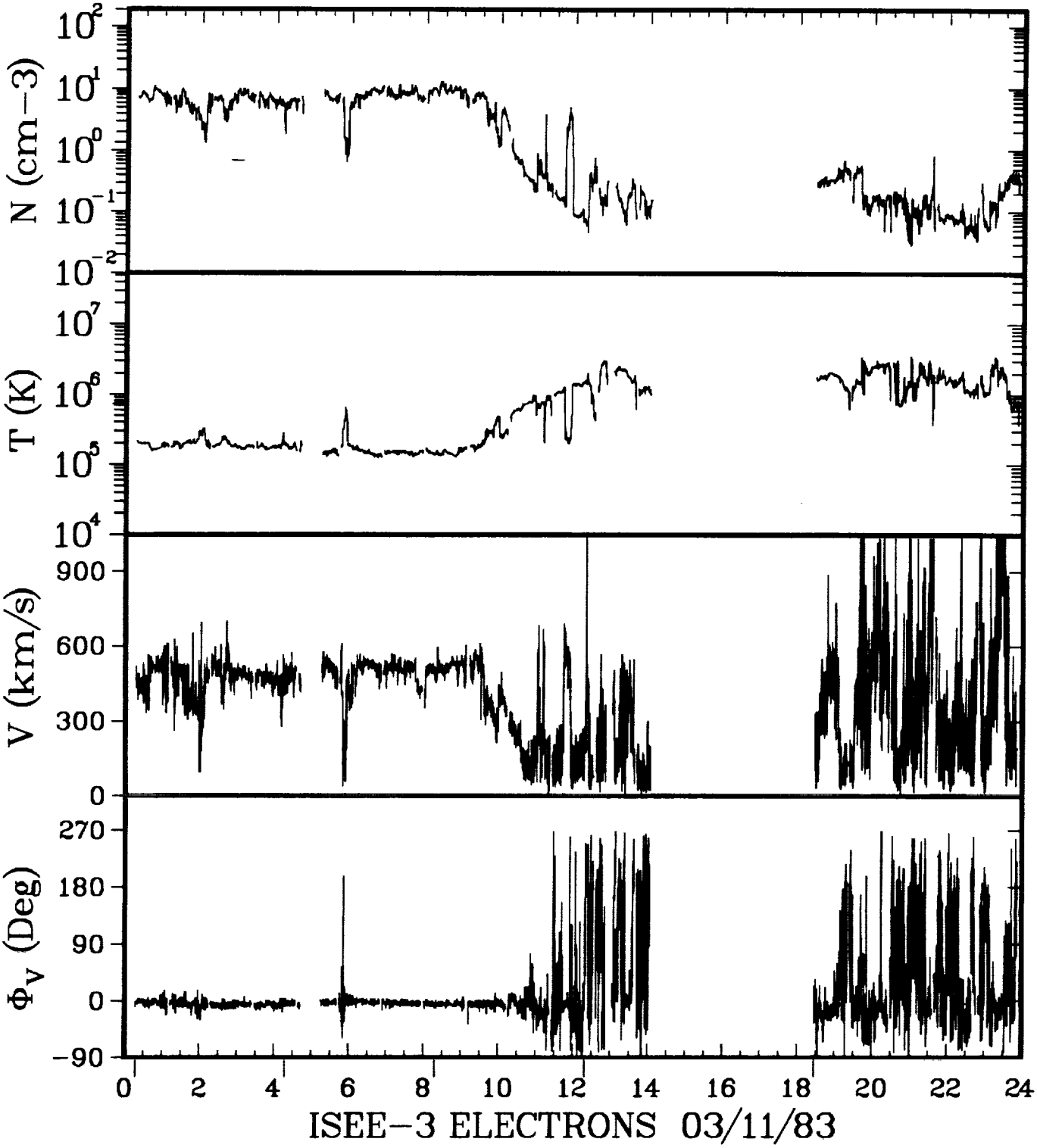
GSEX	-183.6	-183.2	-182.7	-182.2	-181.7	-181.2
Y	45.5	45.4	45.2	45.1	44.9	44.7
Z	-5.2	-5.1	-5.0	-4.9	-4.9	-4.8
GSMY	40.5	43.2	45.1	45.1	43.7	40.4
Z	21.3	14.9	6.0	4.3	11.4	19.9



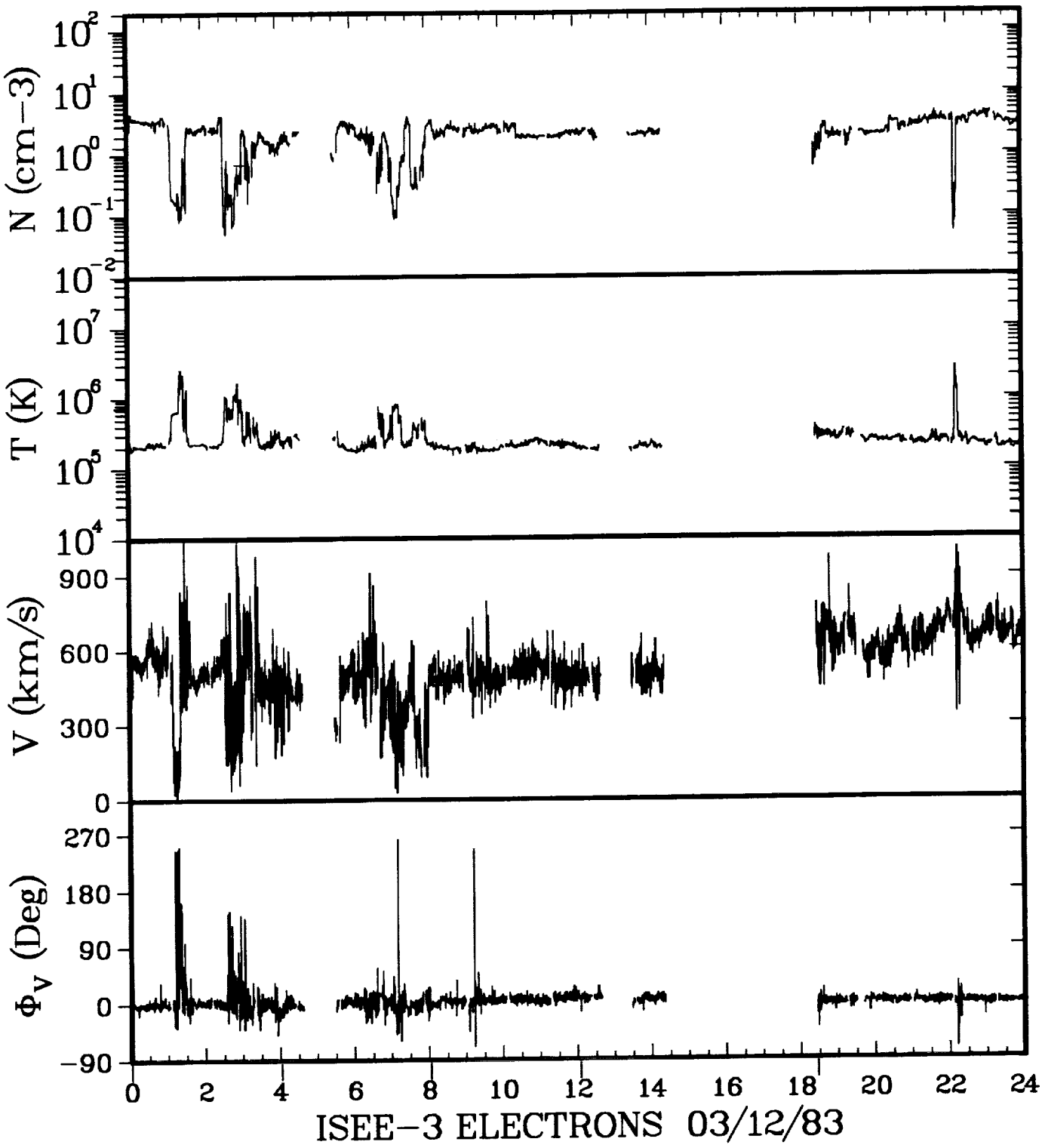
GSEX	-180.8	-180.3	-179.8	-179.3	-178.7	-178.2
Y	44.6	44.4	44.3	44.1	43.9	43.7
Z	-4.7	-4.6	-4.6	-4.5	-4.4	-4.3
GSMY	39.5	42.1	44.1	44.1	42.2	39.0
Z	21.2	14.9	6.3	4.7	12.8	20.2



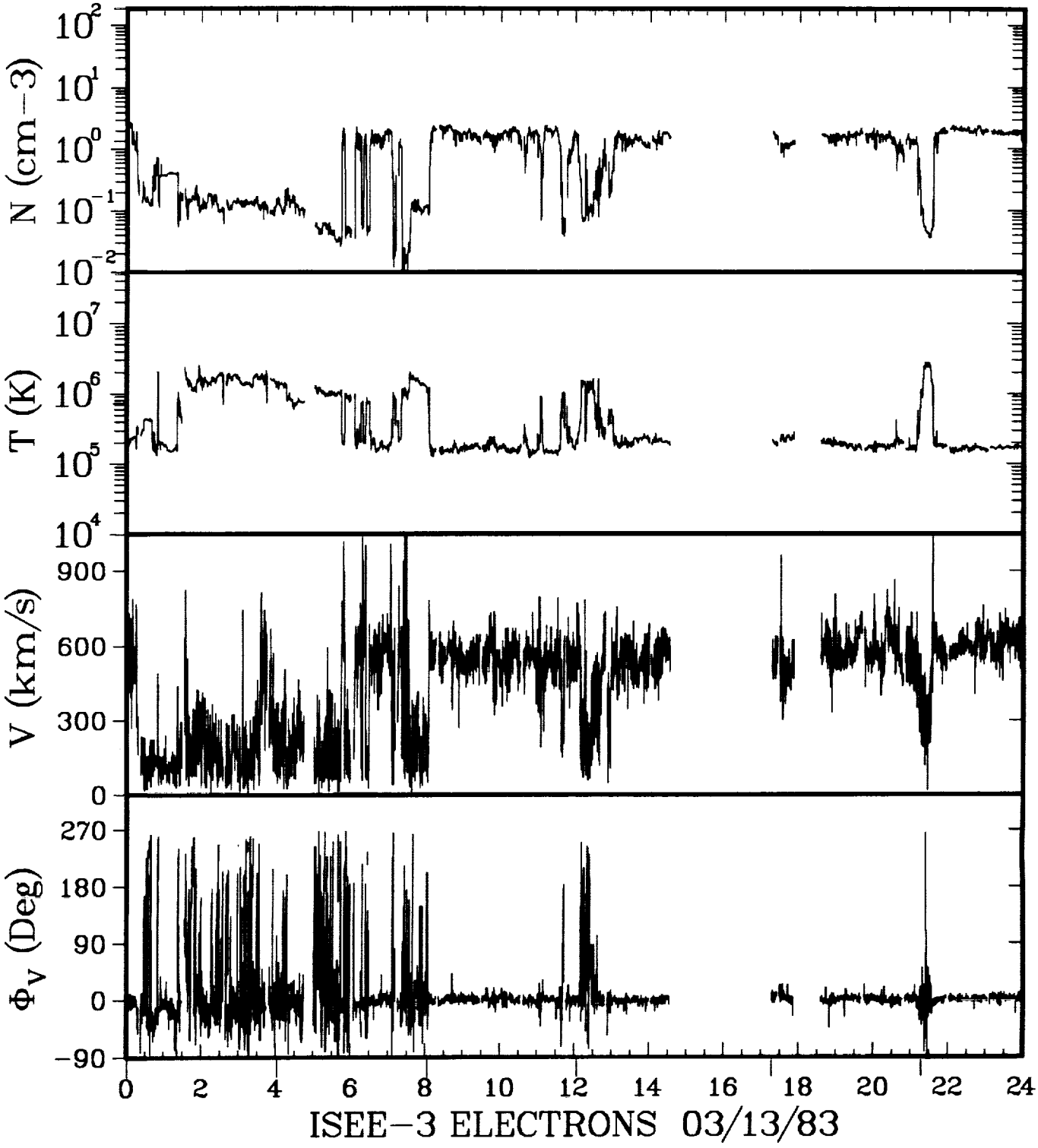
GSEX	-177.8	-177.3	-176.7	-176.2	-175.7	-175.2
Y	43.6	43.4	43.1	42.9	42.7	42.5
Z	-4.2	-4.2	-4.1	-4.0	-3.9	-3.8
GSMY	38.4	41.0	43.0	42.8	40.9	37.7
Z	21.1	14.9	5.6	5.6	13.1	20.1



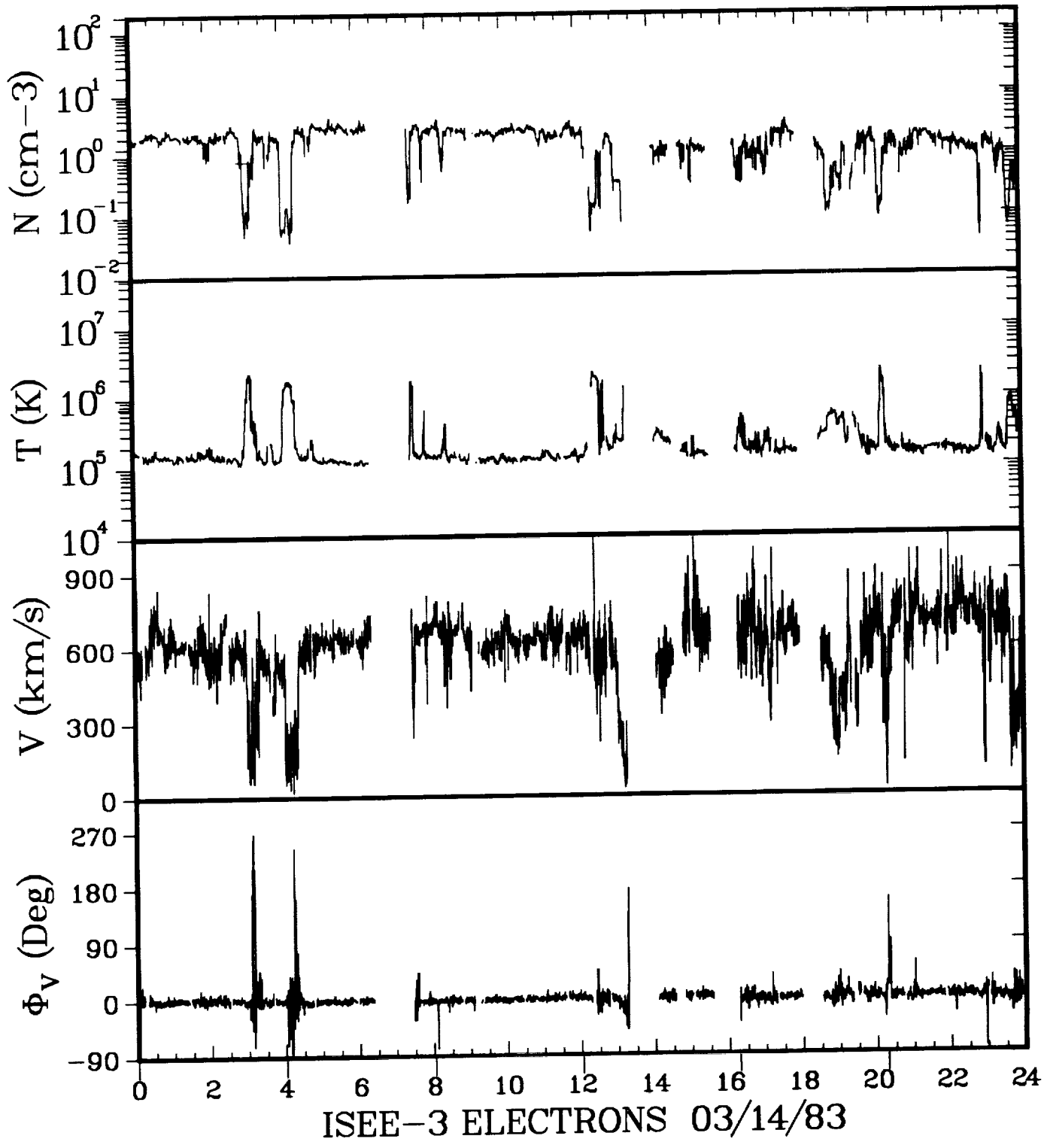
GSEX	-174.7	-174.2	-173.6	-173.1	-172.3
Y	42.3	42.1	41.9	41.7	41.3
Z	-3.8	-3.7	-3.6	-3.5	-3.4
GSMY	37.2	39.8	41.6	41.5	38.0
Z	20.6	14.2	6.3	5.5	16.5



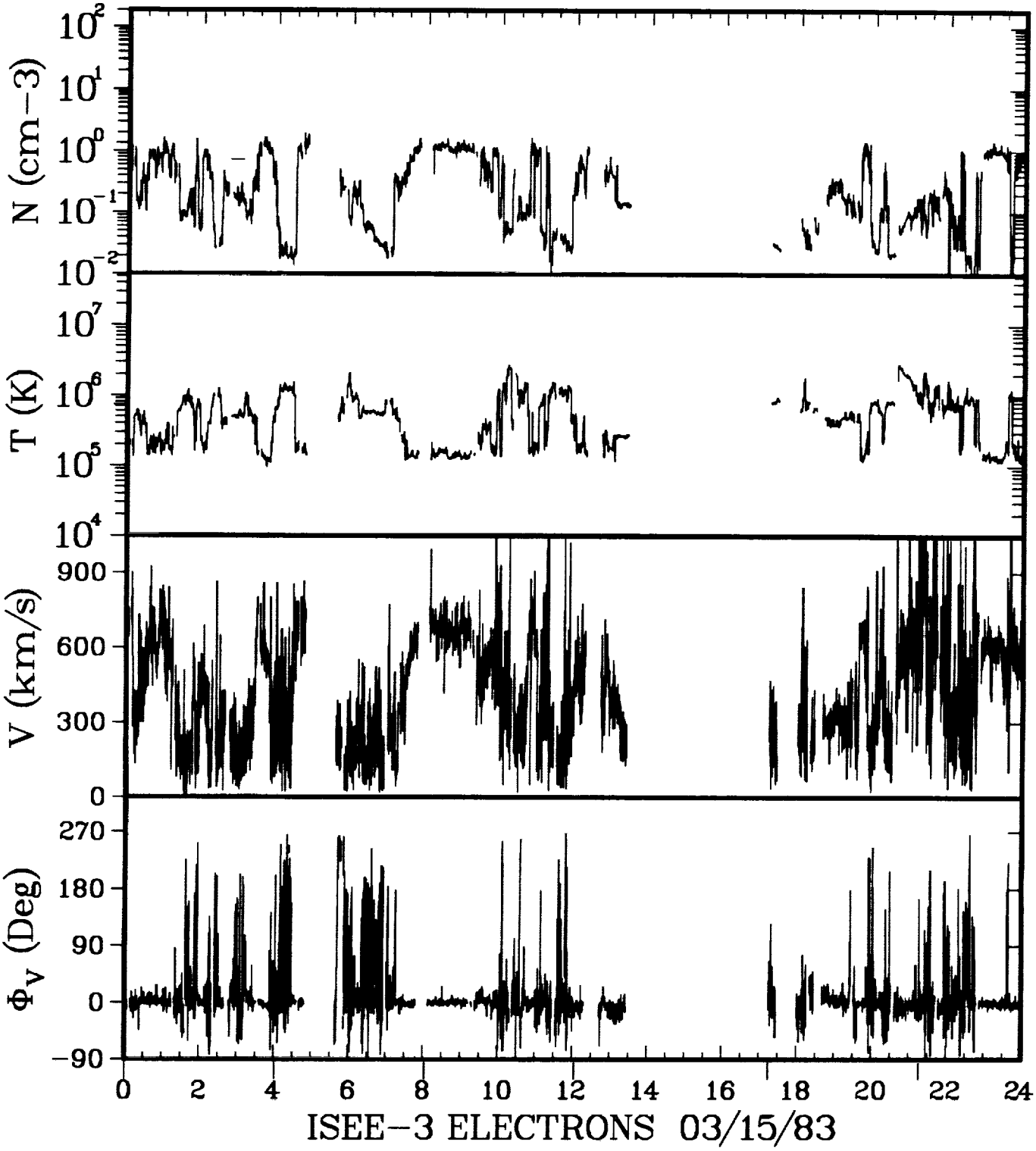
GSEX	-171.5	-171.0	-170.4	-169.9	-169.0
Y	41.0	40.7	40.5	40.2	39.8
Z	-3.3	-3.2	-3.1	-3.0	-2.9
GSMY	35.6	38.1	40.0	40.0	36.4
Z	20.5	14.7	6.9	5.5	16.3



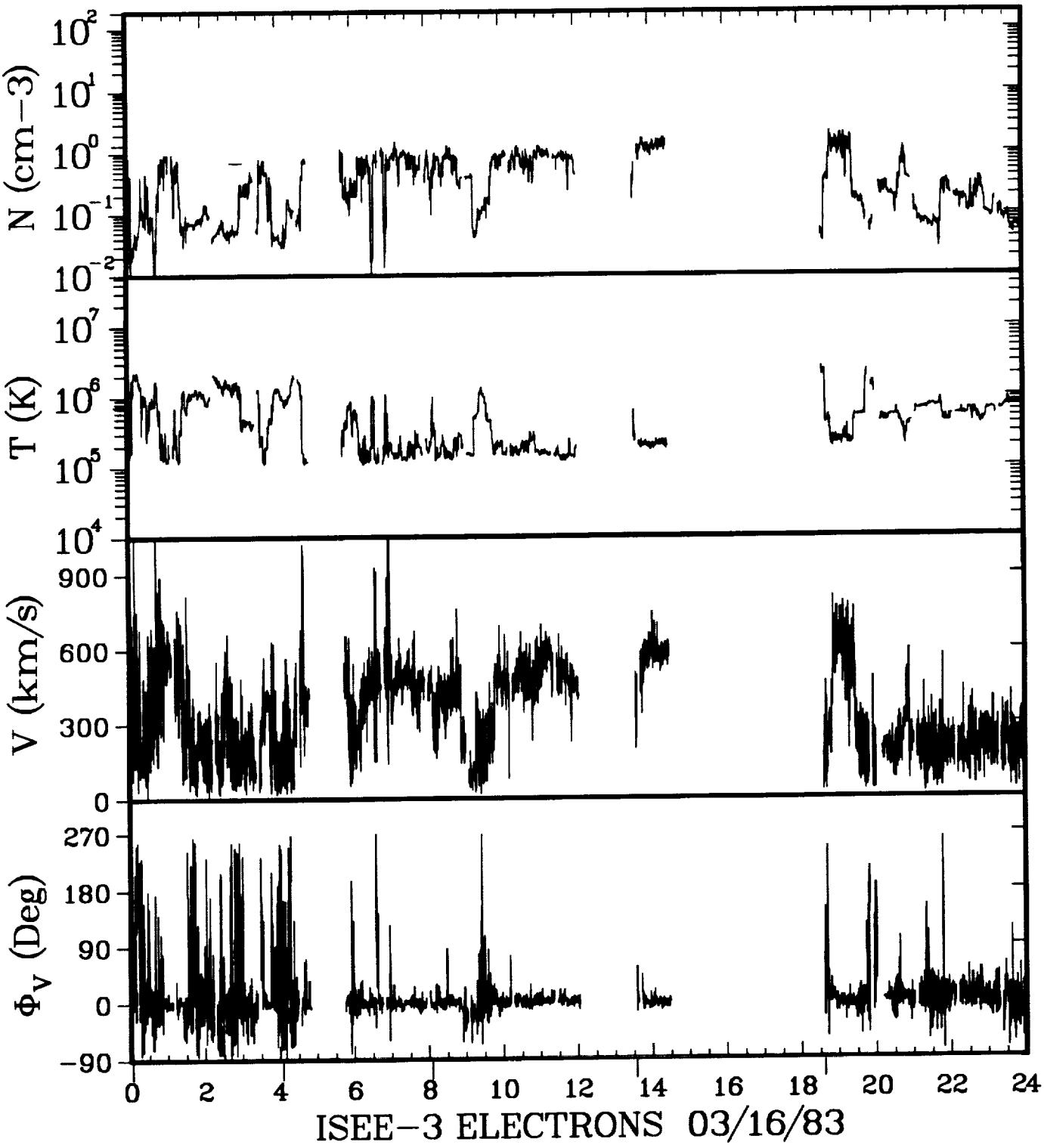
GSEX	-168.2	-167.7	-167.1	-166.5	-165.8	-165.2
Y	39.4	39.1	38.9	38.6	38.2	37.9
Z	-2.8	-2.7	-2.6	-2.5	-2.4	-2.3
GSMY	34.1	36.5	38.3	38.2	35.6	32.6
Z	20.0	14.5	7.0	5.7	13.9	19.4



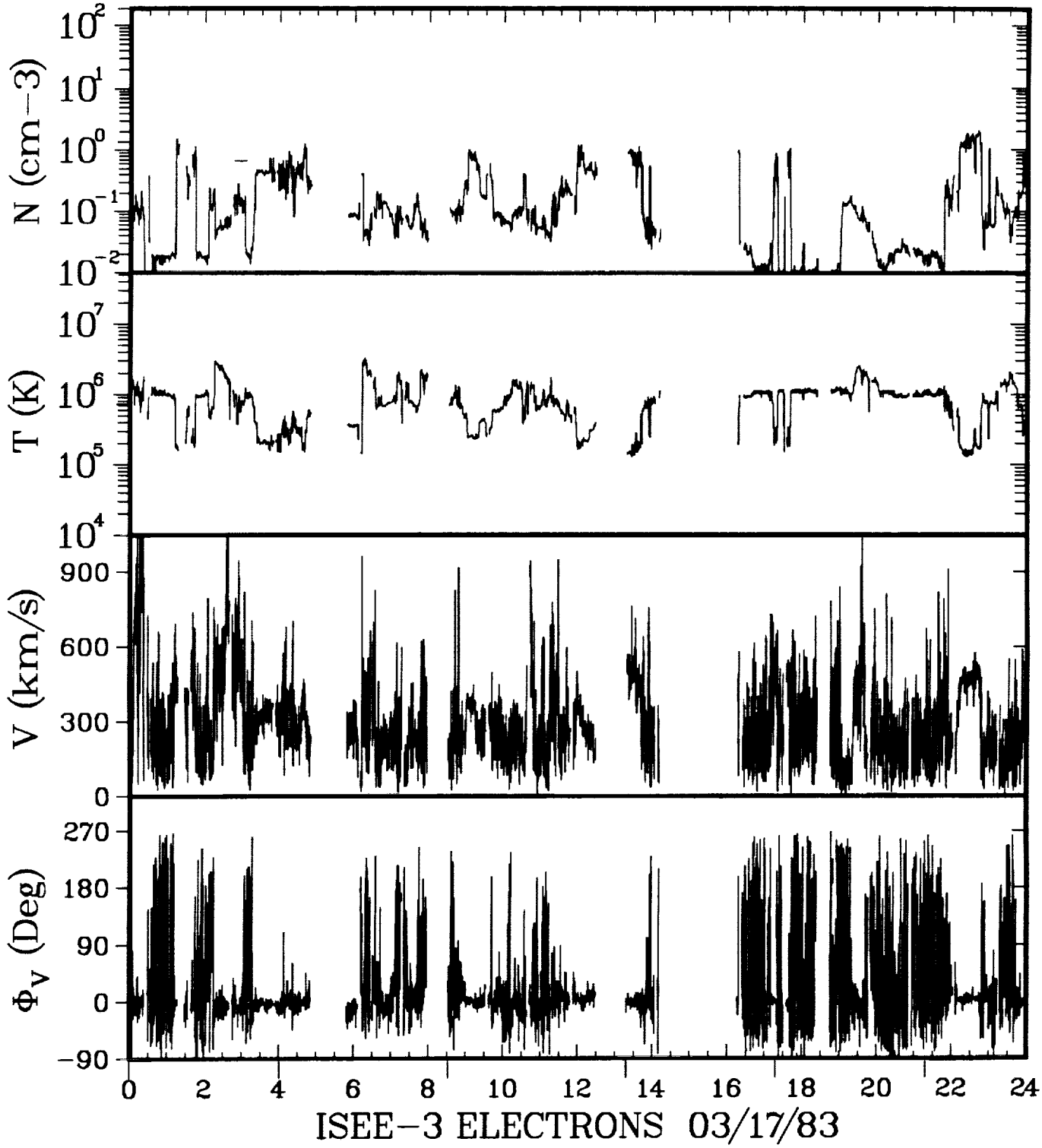
GSEX	-164.8	-164.2	-163.6	-163.0	-162.3	-161.7
Y	37.7	37.4	37.0	36.7	36.4	36.0
Z	-2.3	-2.2	-2.1	-2.0	-1.9	-1.8
GSMY	32.3	34.6	36.4	36.3	34.5	31.3
Z	19.5	14.2	7.1	5.8	11.8	18.0



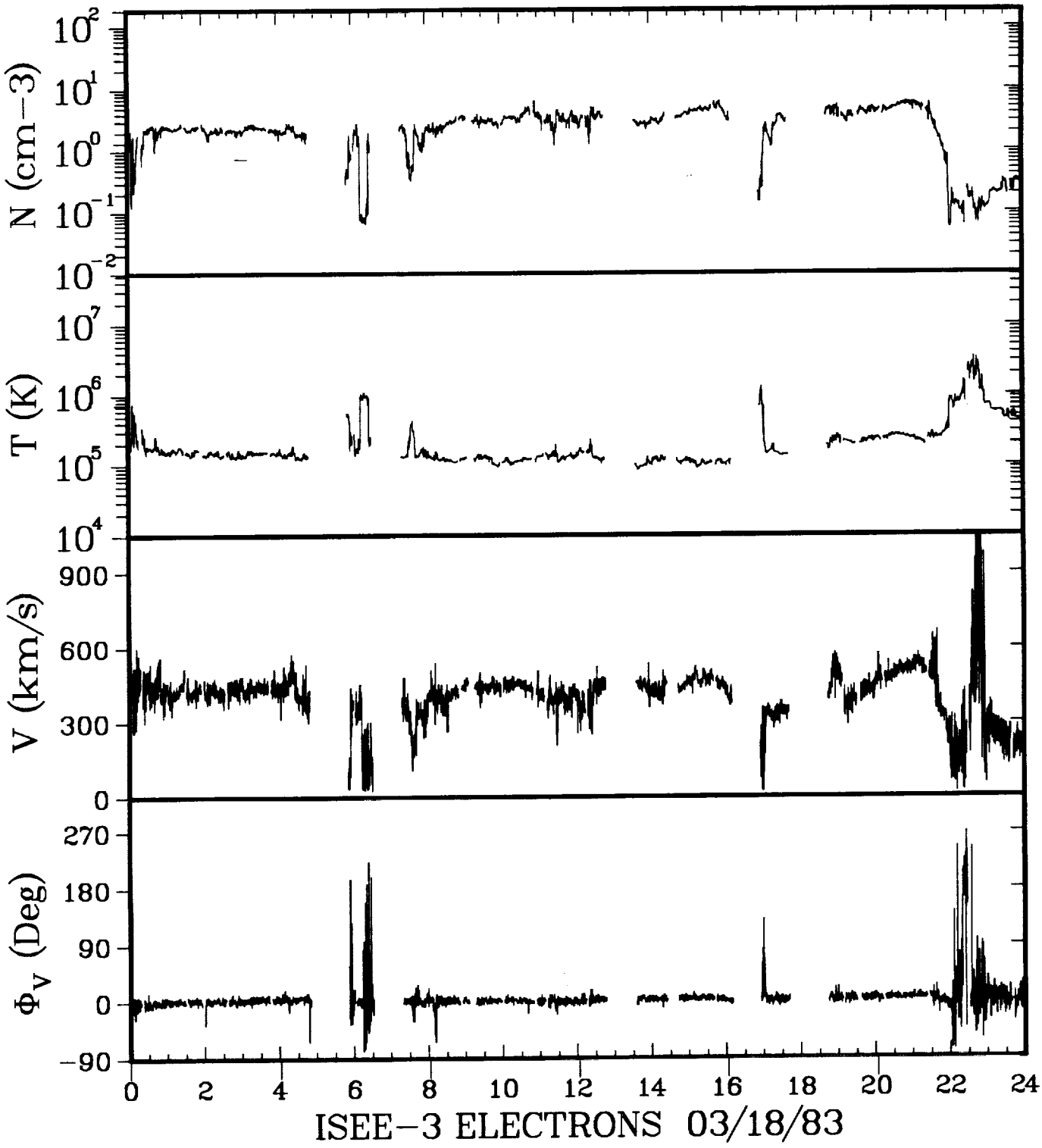
GSEX	-161.2	-160.5	-159.9	-159.3	-158.5	-157.8
Y	35.7	35.4	35.0	34.6	34.2	33.8
Z	-1.7	-1.6	-1.6	-1.5	-1.4	-1.3
GSMY	30.4	32.6	34.3	34.2	31.6	28.6
Z	18.8	13.8	7.1	5.9	13.1	18.0



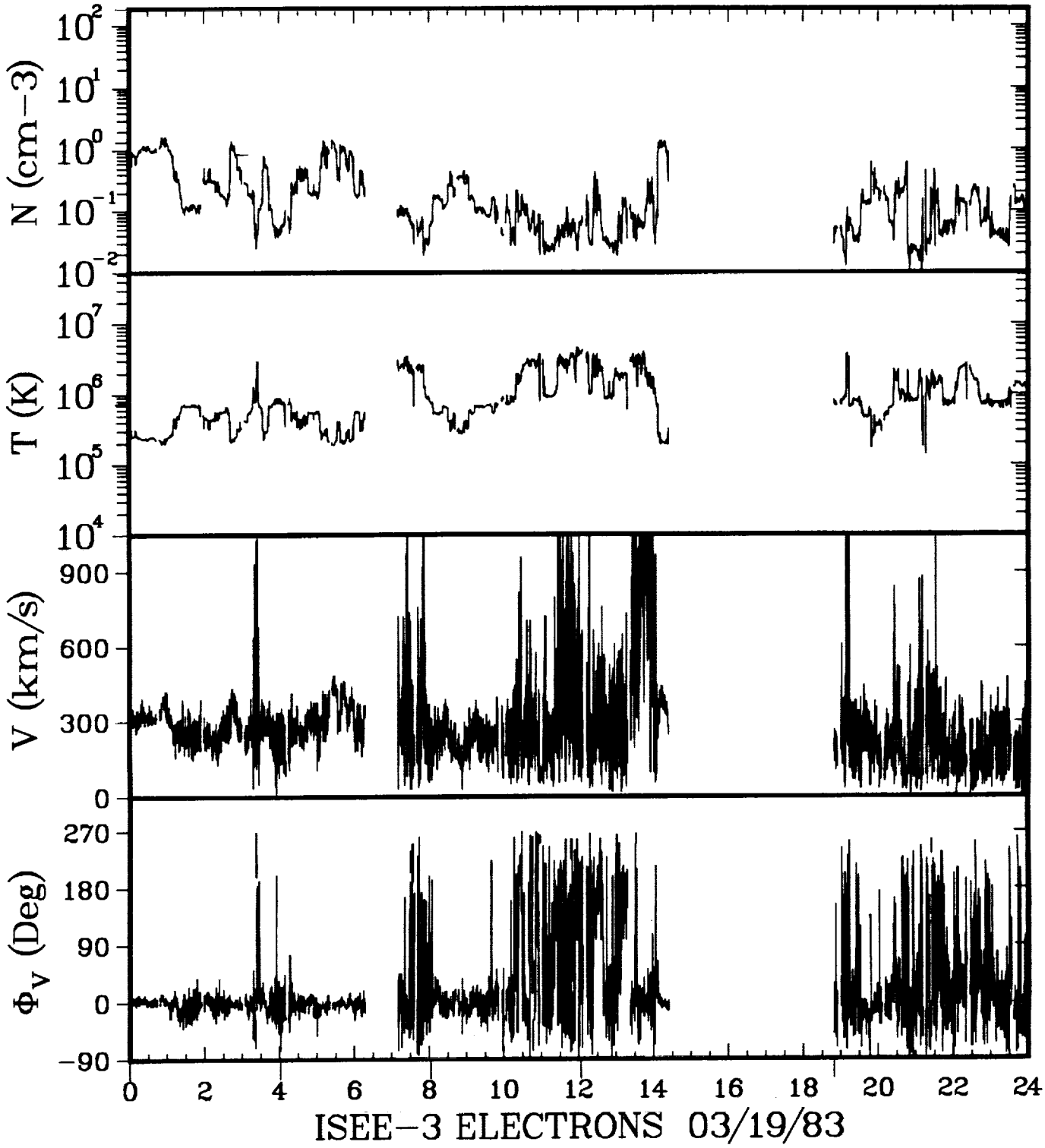
GSEX	-157.4	-156.7	-156.1	-155.2	-154.4
Y	33.5	33.1	32.7	32.2	31.7
Z	-1.2	-1.1	-1.0	-0.9	-0.8
GSMY	28.3	30.4	32.0	31.4	28.1
Z	18.0	13.3	7.0	7.2	14.6



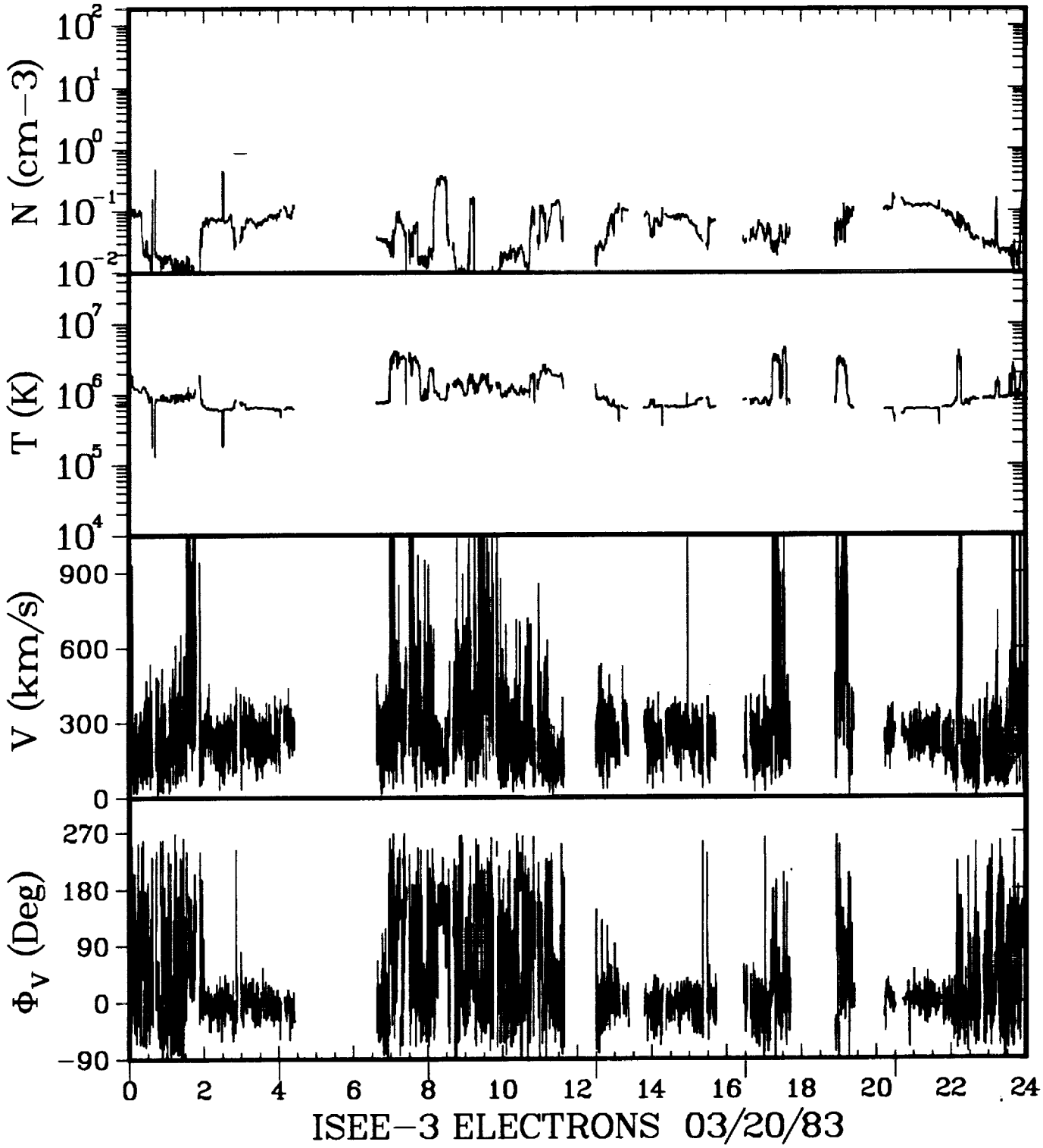
GSEX	-153.5	-152.8	-152.0	-151.2	-150.5	-149.8
Y	31.1	30.7	30.2	29.6	29.2	28.7
Z	-0.7	-0.6	-0.5	-0.4	-0.3	-0.2
GSMY	26.0	27.9	29.5	28.8	26.6	23.8
Z	17.1	12.8	6.5	6.9	12.1	16.1



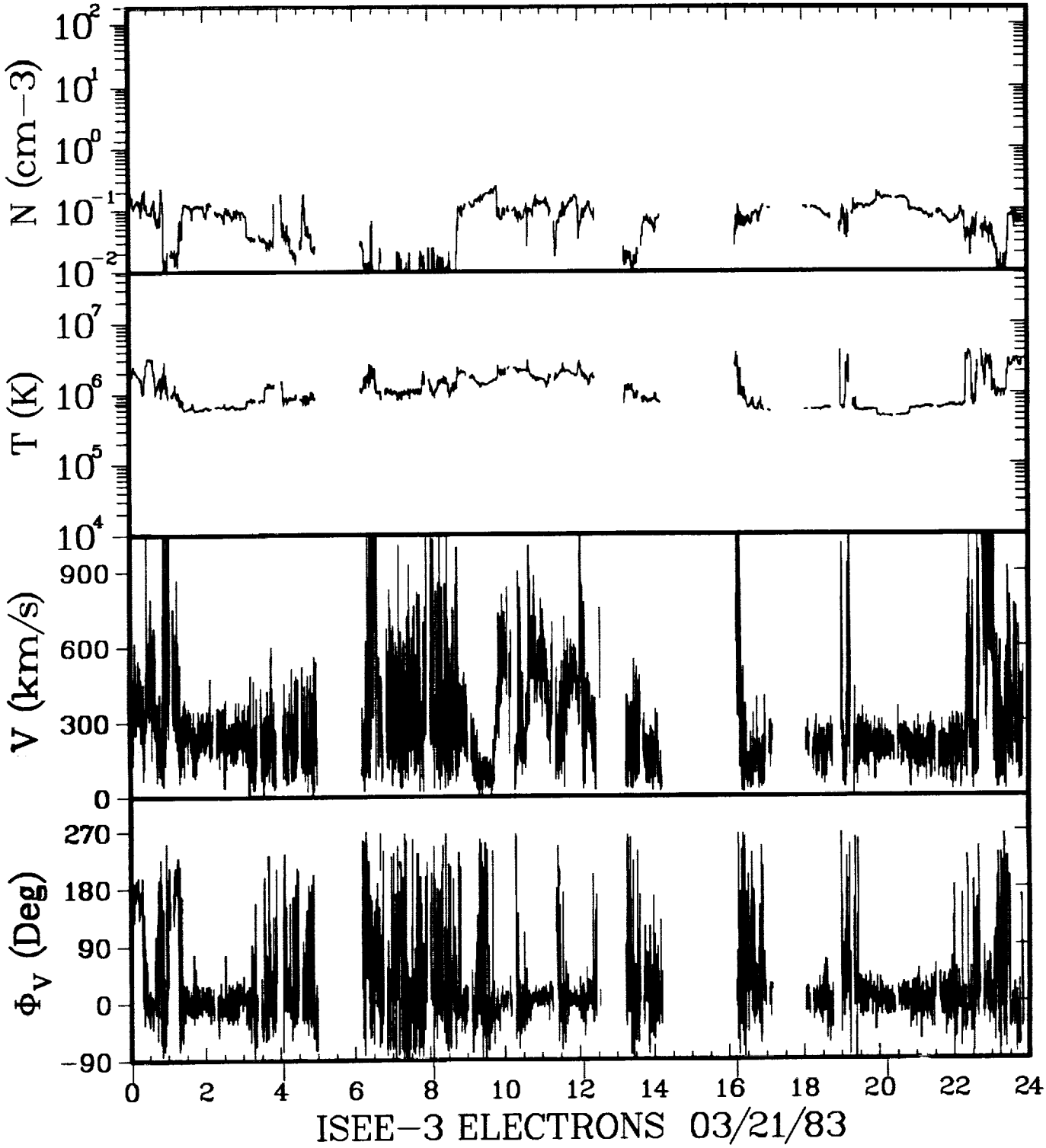
GSEX	-149.3	-148.6	-147.9	-147.1	-146.4	-145.7
Y	28.4	27.9	27.5	27.0	26.5	26.0
Z	-0.1	0.0	0.0	0.1	0.2	0.3
GSMY	23.5	25.2	26.6	26.3	24.6	21.8
Z	16.0	12.0	6.8	5.9	9.8	14.2



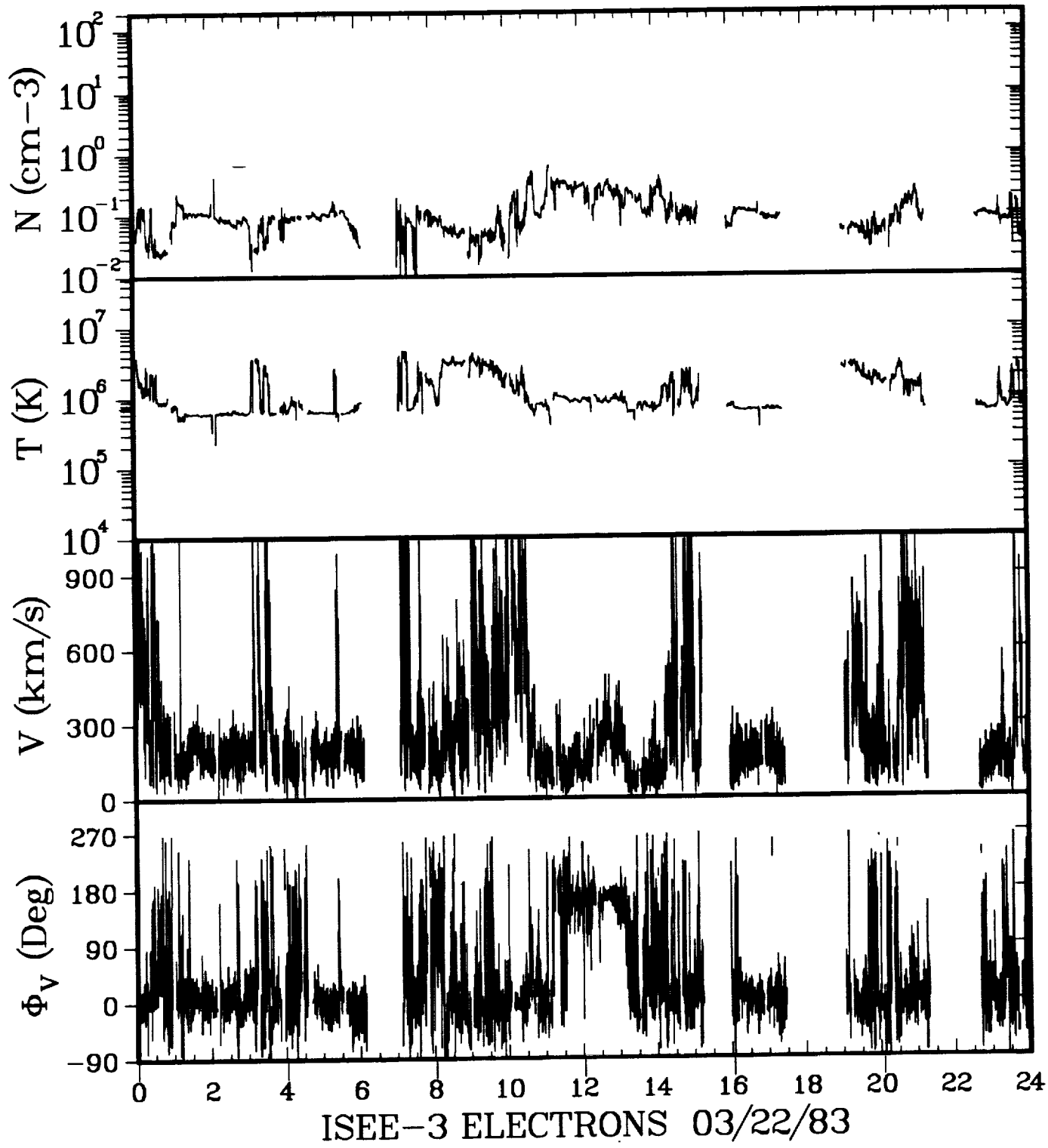
GSEX	-144.9	-144.2	-143.4	-142.6	-141.3
Y	25.5	25.0	24.4	23.9	23.0
Z	0.4	0.5	0.6	0.7	0.8
GSMY	20.7	22.3	23.5	23.2	19.6
Z	14.8	11.3	6.6	5.8	12.1



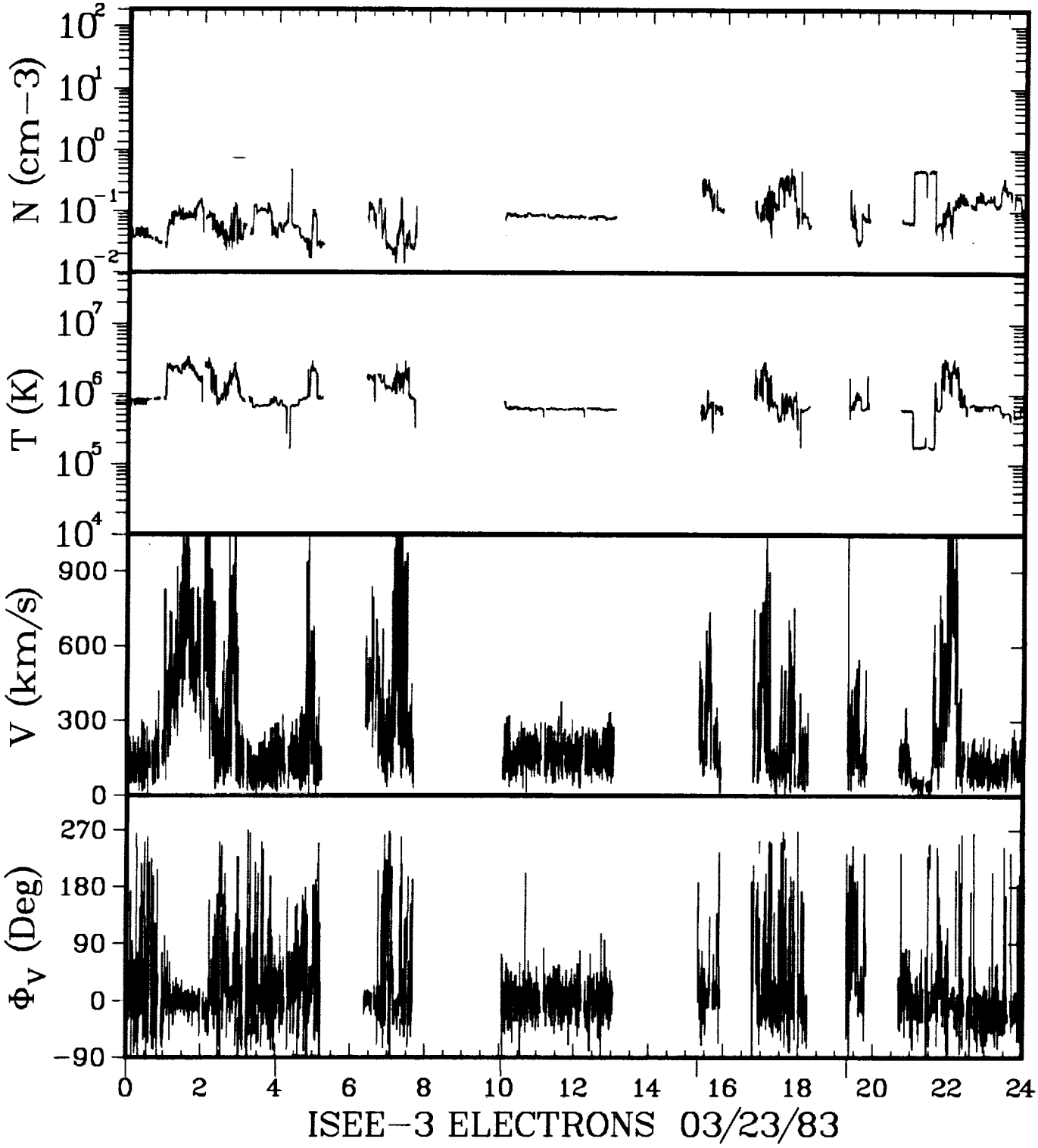
GSEX	-140.3	-139.5	-138.7	-137.8	-136.9	-136.1
Y	22.3	21.7	21.1	20.5	19.9	19.3
Z	1.0	1.0	1.1	1.2	1.3	1.4
GSMY	17.8	19.1	20.2	19.7	17.8	15.3
Z	13.4	10.4	6.4	5.8	8.9	11.8



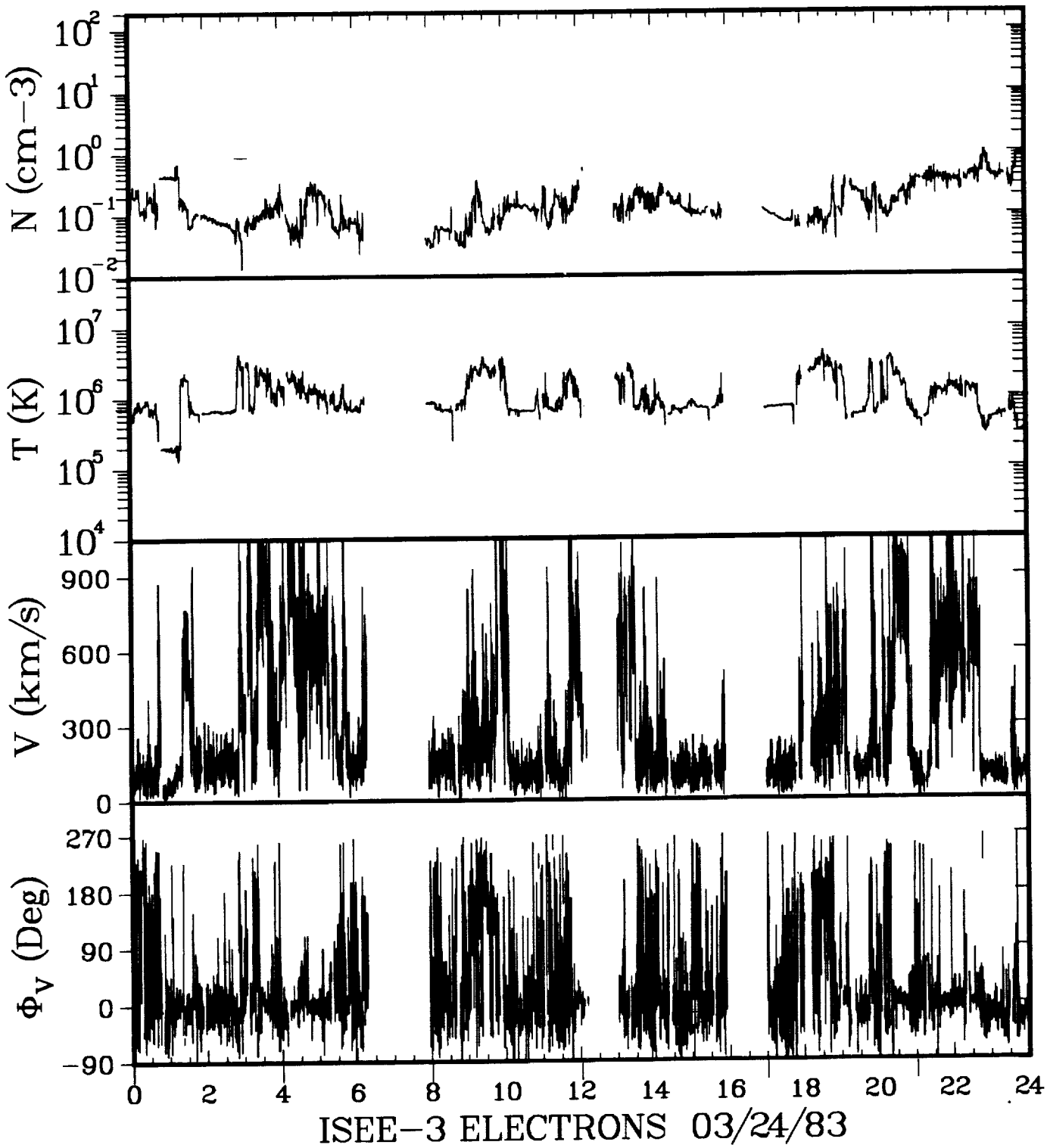
GSEX	-135.3	-134.5	-133.6	-132.7	-131.8	-130.9
Y	18.7	18.1	17.5	16.9	16.2	15.6
Z	1.5	1.6	1.7	1.8	1.9	1.9
GSMY	14.6	15.7	16.5	16.1	14.4	12.0
Z	11.9	9.2	5.9	5.3	7.7	10.1



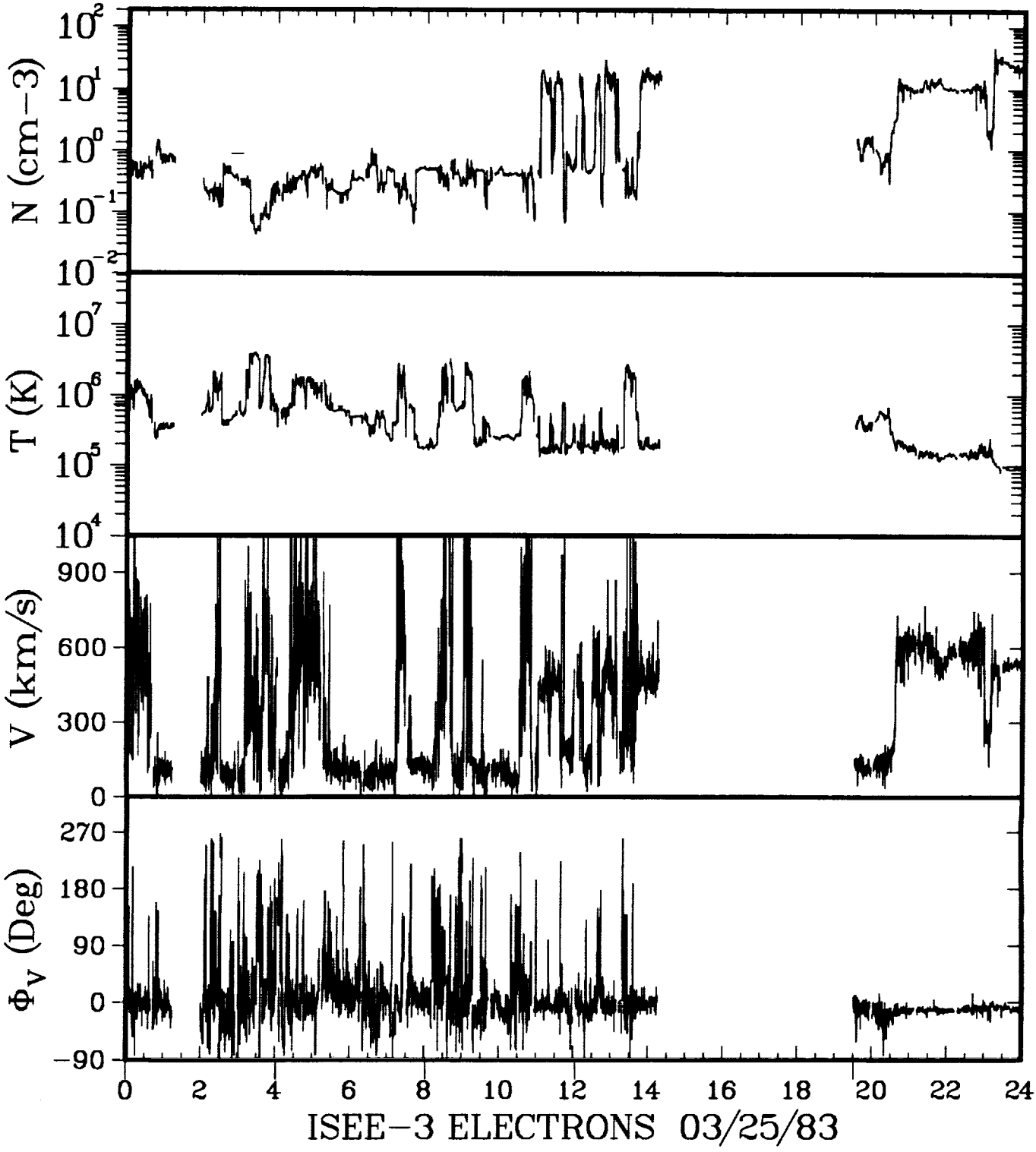
GSEX	-130.0	-129.1	-128.2	-127.2	-126.2	-125.3
Y	14.9	14.3	13.6	12.9	12.2	11.5
Z	2.0	2.1	2.2	2.3	2.4	2.5
GSMY	11.1	12.0	12.6	12.1	10.5	8.4
Z	10.1	8.1	5.5	5.0	6.7	8.3



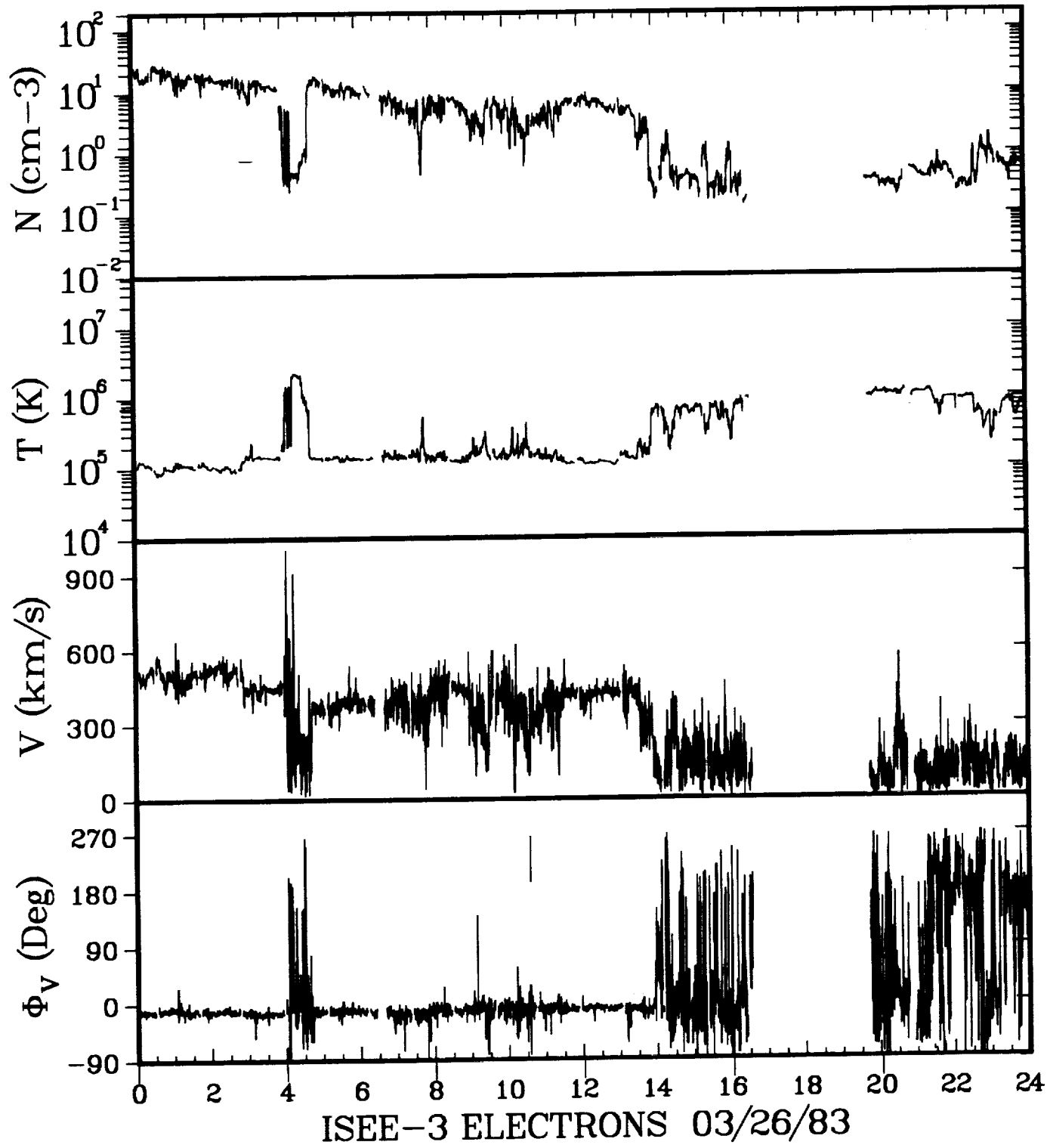
GSEX	-124.3	-123.3	-121.8	-120.4	-119.3
Y	10.8	10.1	9.0	8.0	7.3
Z	2.6	2.6	2.8	2.9	3.0
GSMY	7.5	8.0	8.2	6.6	4.7
Z	8.2	6.7	4.5	5.3	6.3



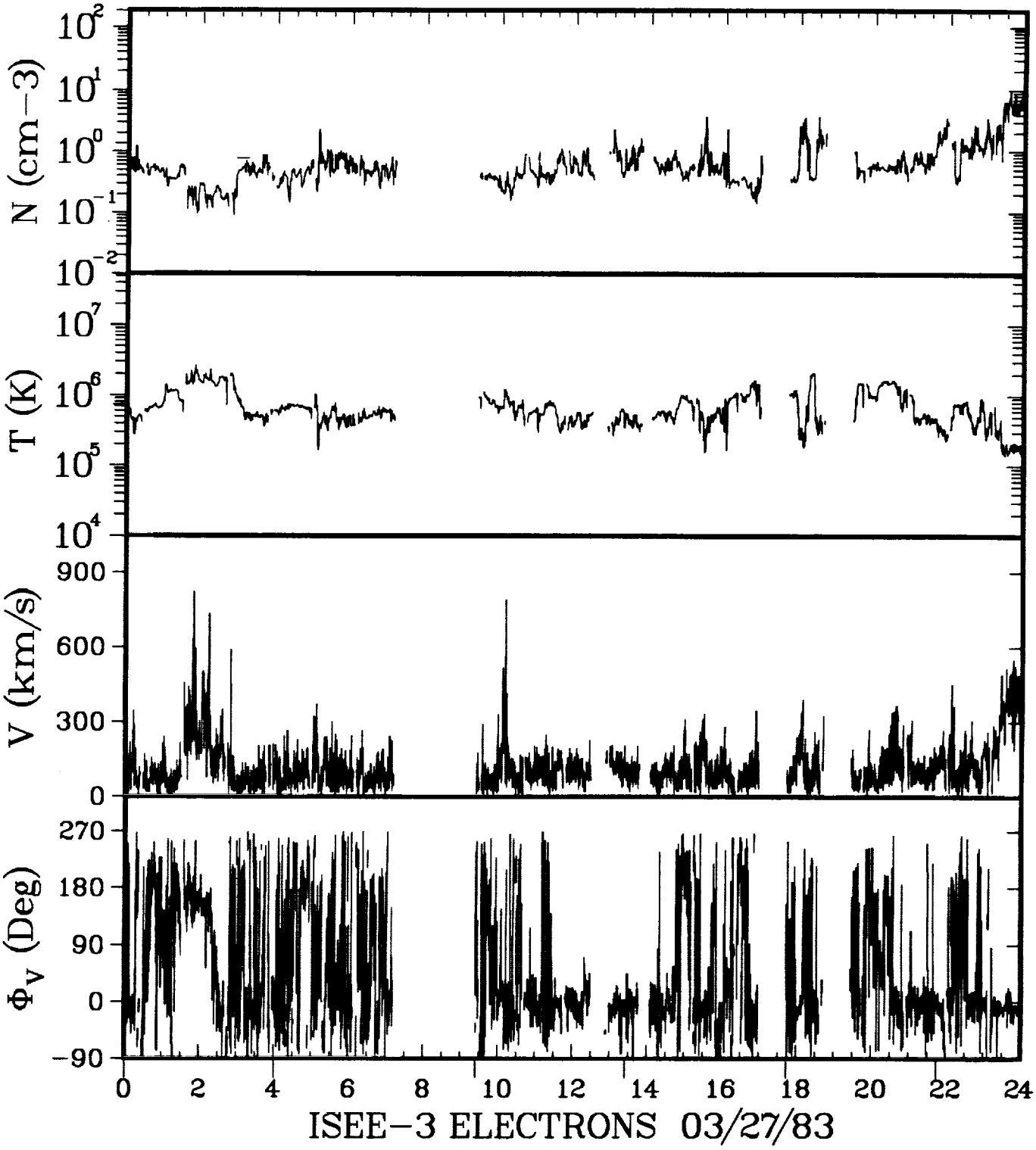
GSEX	-118.1	-117.0	-115.9	-114.7	-113.3	-112.1
Y	6.4	5.6	4.8	4.0	3.1	2.3
Z	3.1	3.1	3.2	3.3	3.4	3.5
GSMY	3.5	3.7	3.9	3.2	1.4	-0.1
Z	6.1	5.3	4.3	4.1	4.4	4.1



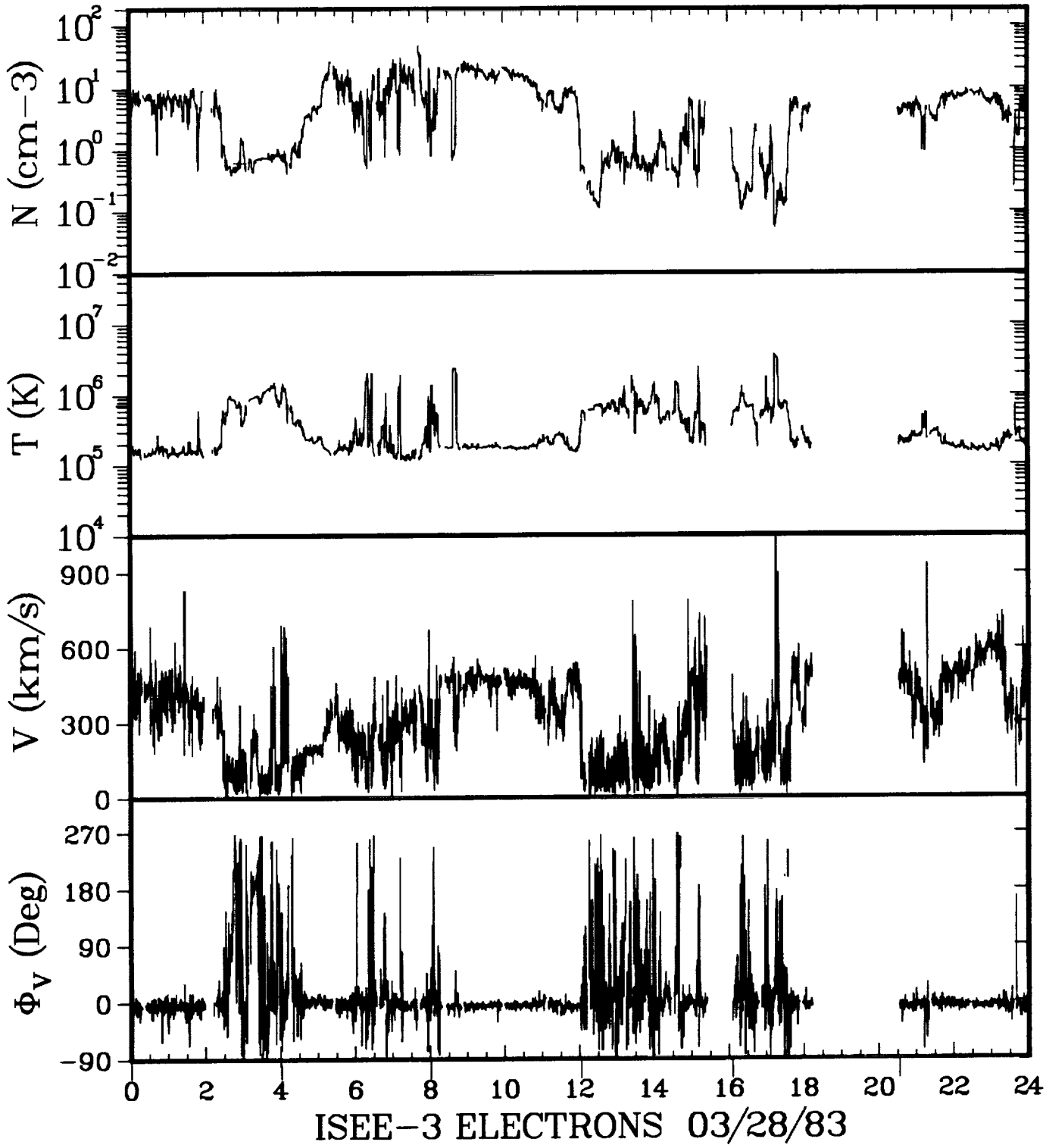
GSEX	-111.2	-110.0	-108.8	-107.6	-105.2
Y	1.6	0.8	0.0	-0.8	-2.4
Z	3.5	3.6	3.7	3.8	3.9
GSMY	-0.7	-0.8	-0.9	-1.6	-4.1
Z	3.9	3.6	3.6	3.5	2.1



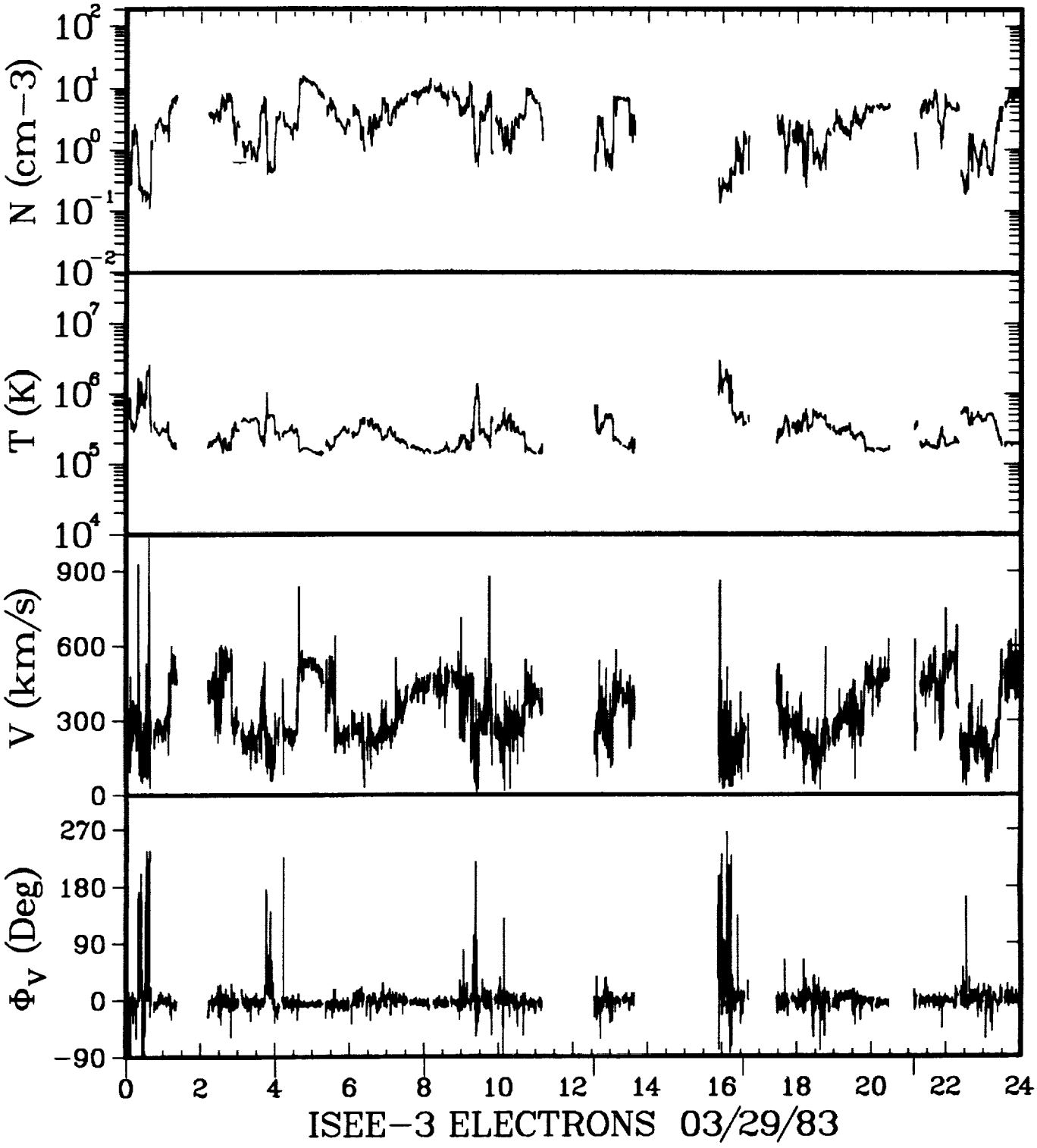
GSEX	-103.7	-102.4	-101.0	-99.6	-98.2	-96.8
Y	-3.4	-4.2	-5.1	-6.0	-6.9	-7.8
Z	4.0	4.1	4.1	4.2	4.3	4.3
GSMY	-5.0	-5.6	-6.0	-6.7	-8.0	-8.9
Z	1.4	1.8	2.7	2.8	1.5	-0.5



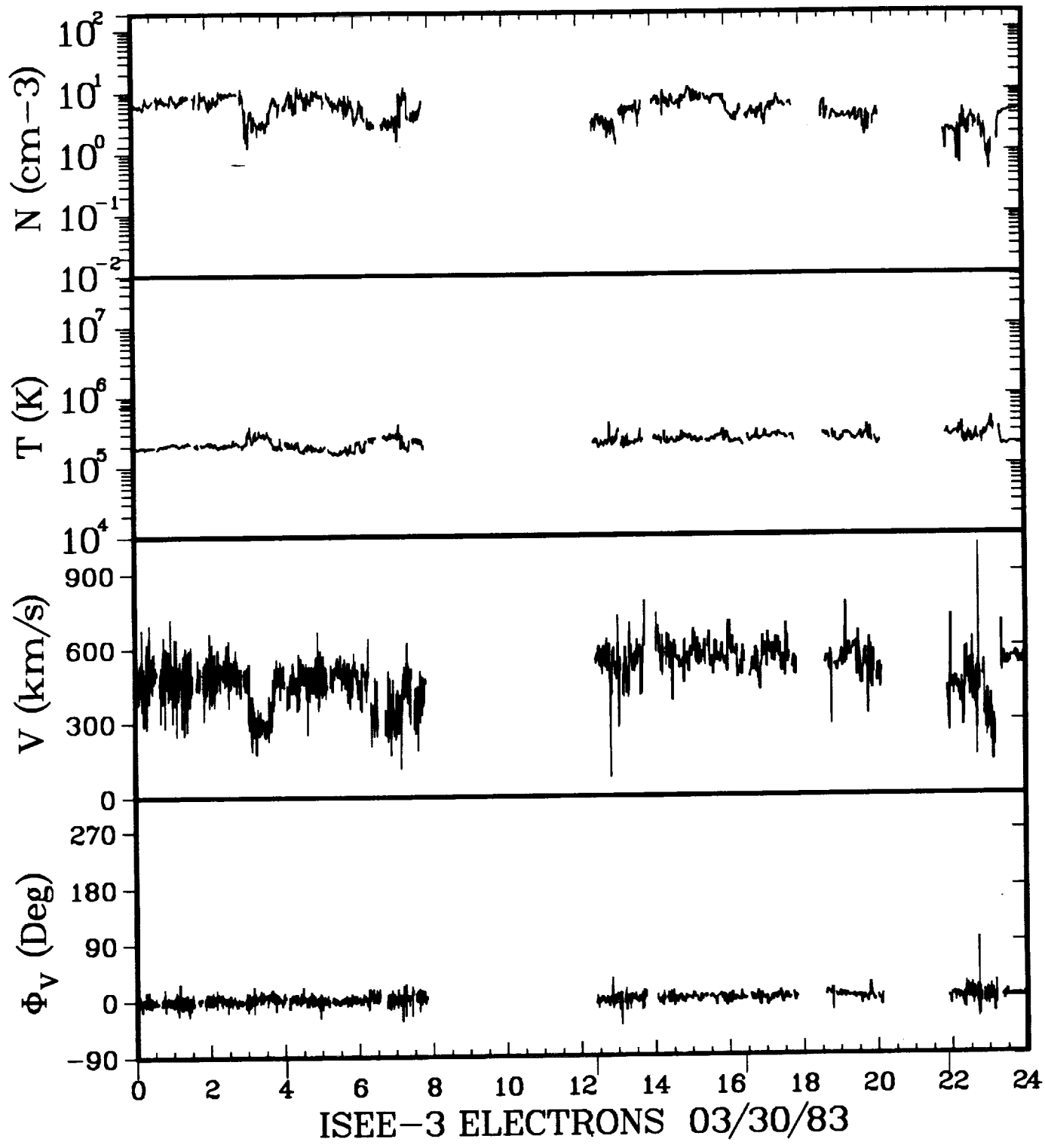
GSEX	-95.3	-93.9	-91.8	-90.2	-88.5	-86.8
Y	-8.6	-9.5	-10.8	-11.7	-12.7	-13.6
Z	4.4	4.5	4.5	4.6	4.7	4.7
GSMY	-9.6	-10.5	-11.5	-12.4	-13.4	-13.8
Z	-1.3	-0.1	2.2	1.6	-1.5	-3.9



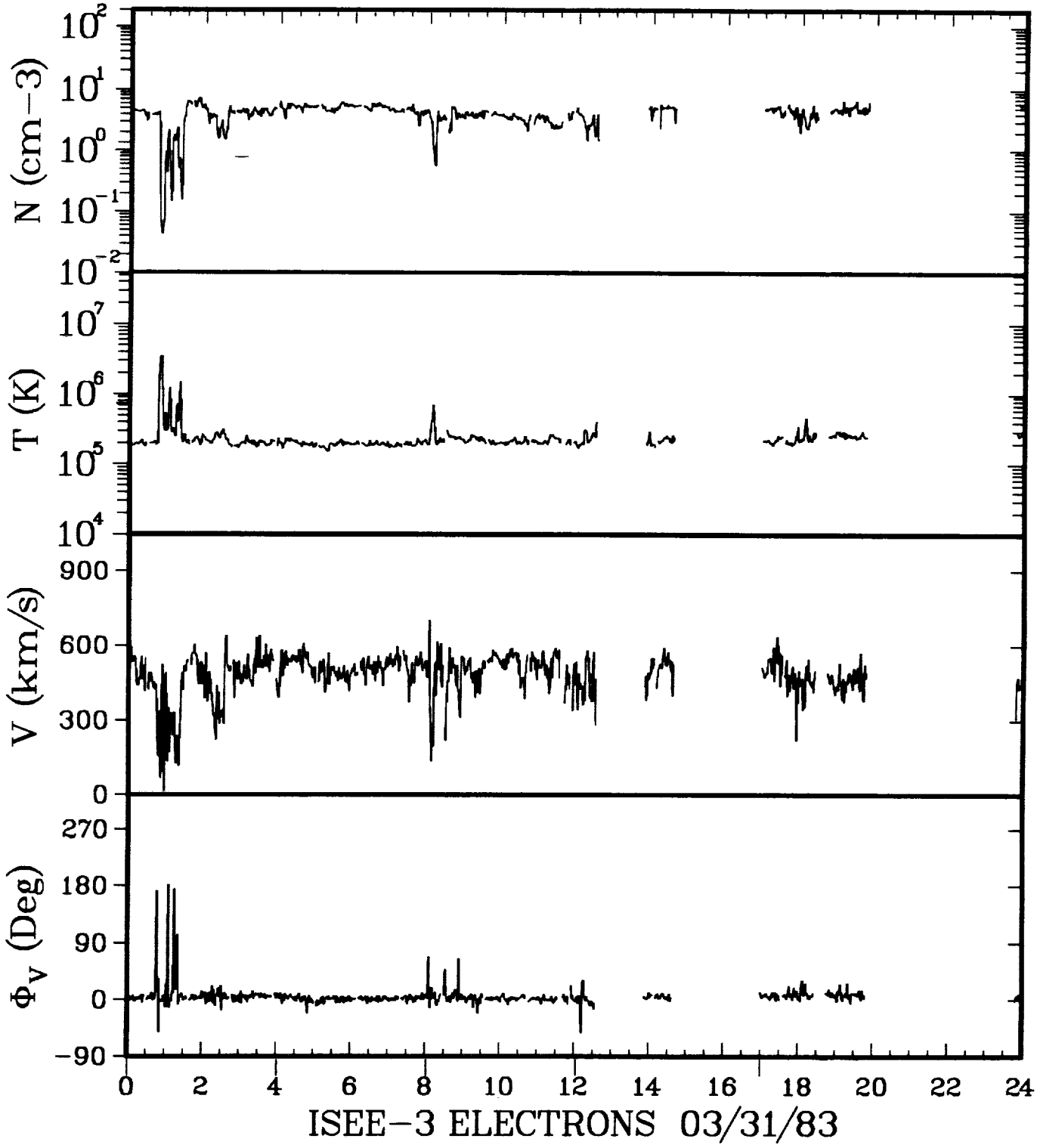
GSEX	-85.9	-84.2	-82.5	-80.7	-78.8	-76.8
Y	-14.1	-15.0	-15.9	-16.8	-17.8	-18.8
Z	4.7	4.8	4.8	4.9	4.9	5.0
GSMY	-14.3	-15.6	-16.6	-17.5	-18.3	-18.4
Z	-4.0	-2.1	0.8	1.2	-1.9	-6.2



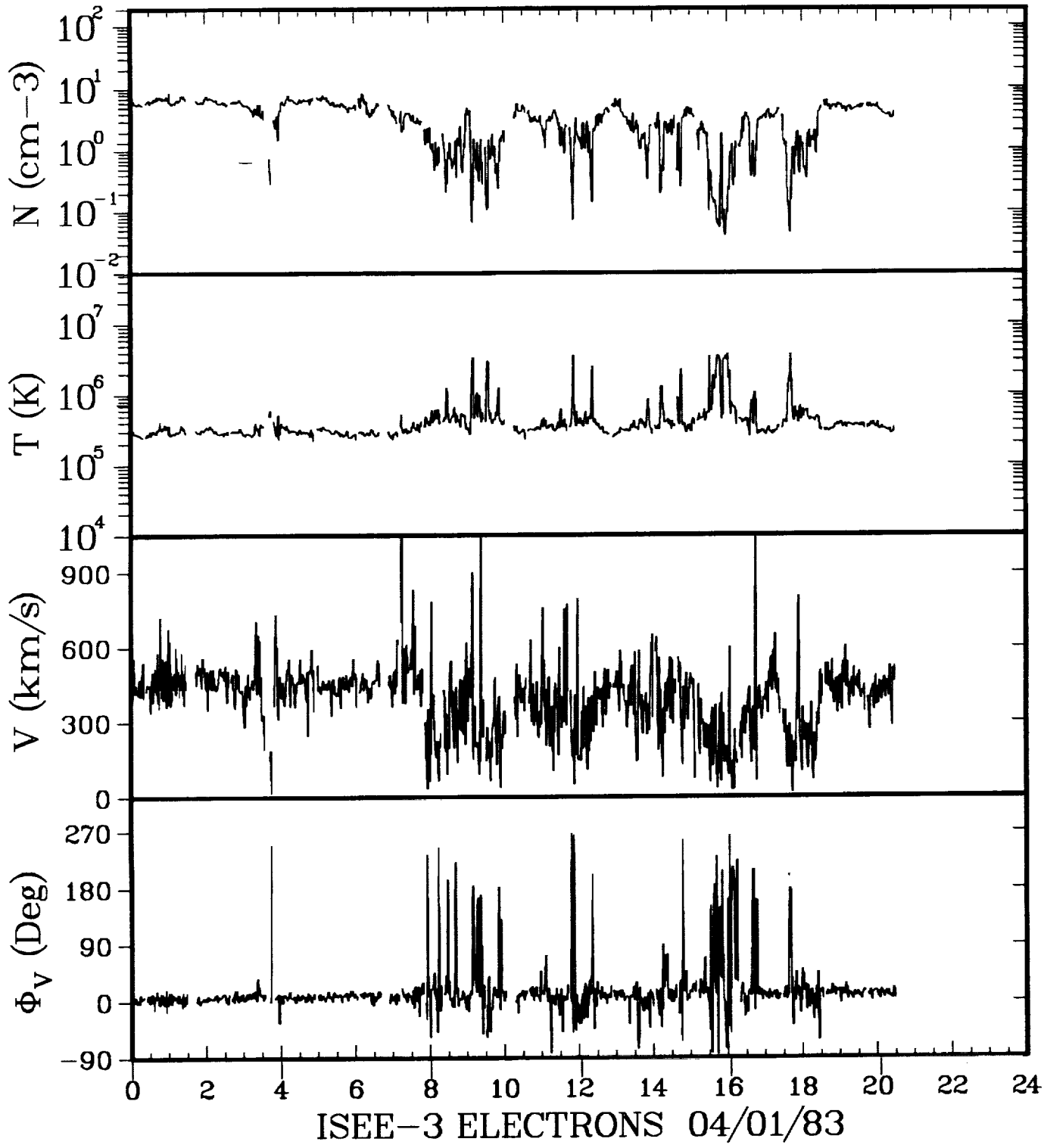
GSEX	-75.1	-73.2	-71.1	-68.8	-66.6	-64.1
Y	-19.6	-20.5	-21.4	-22.4	-23.2	-24.2
Z	5.0	5.0	5.1	5.1	5.1	5.1
GSMY	-19.0	-20.7	-21.9	-22.9	-23.4	-22.9
Z	-6.9	-4.2	-0.4	0.0	-4.3	-9.3



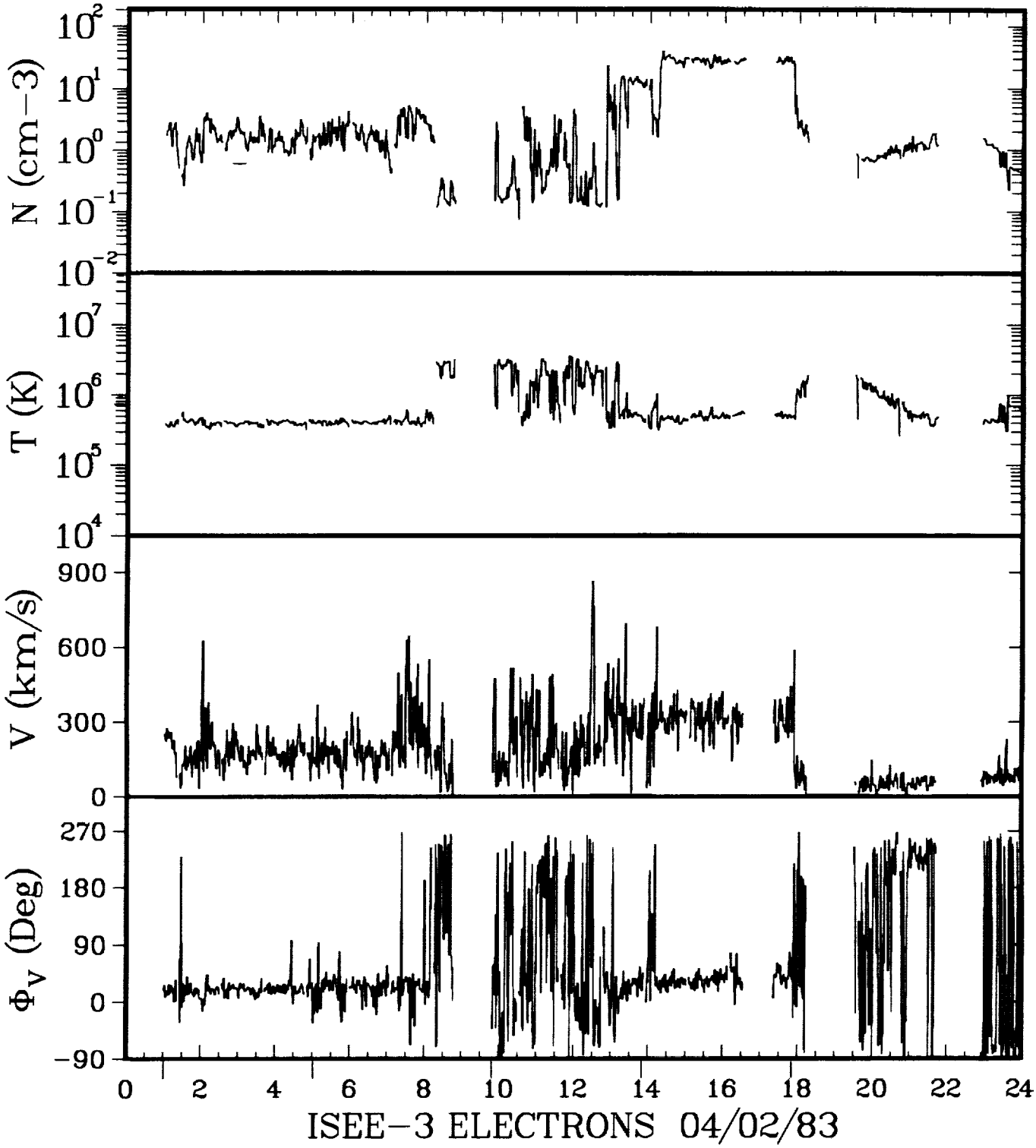
GSEX	-62.5	-60.1	-54.9	-52.3	-48.9
Y	-24.7	-25.5	-26.9	-27.2	-27.3
Z	5.1	5.1	5.1	5.0	4.8
GSMY	-23.3	-25.3	-27.3	-27.1	-25.2
Z	-9.7	-6.2	-0.8	-5.7	-11.6



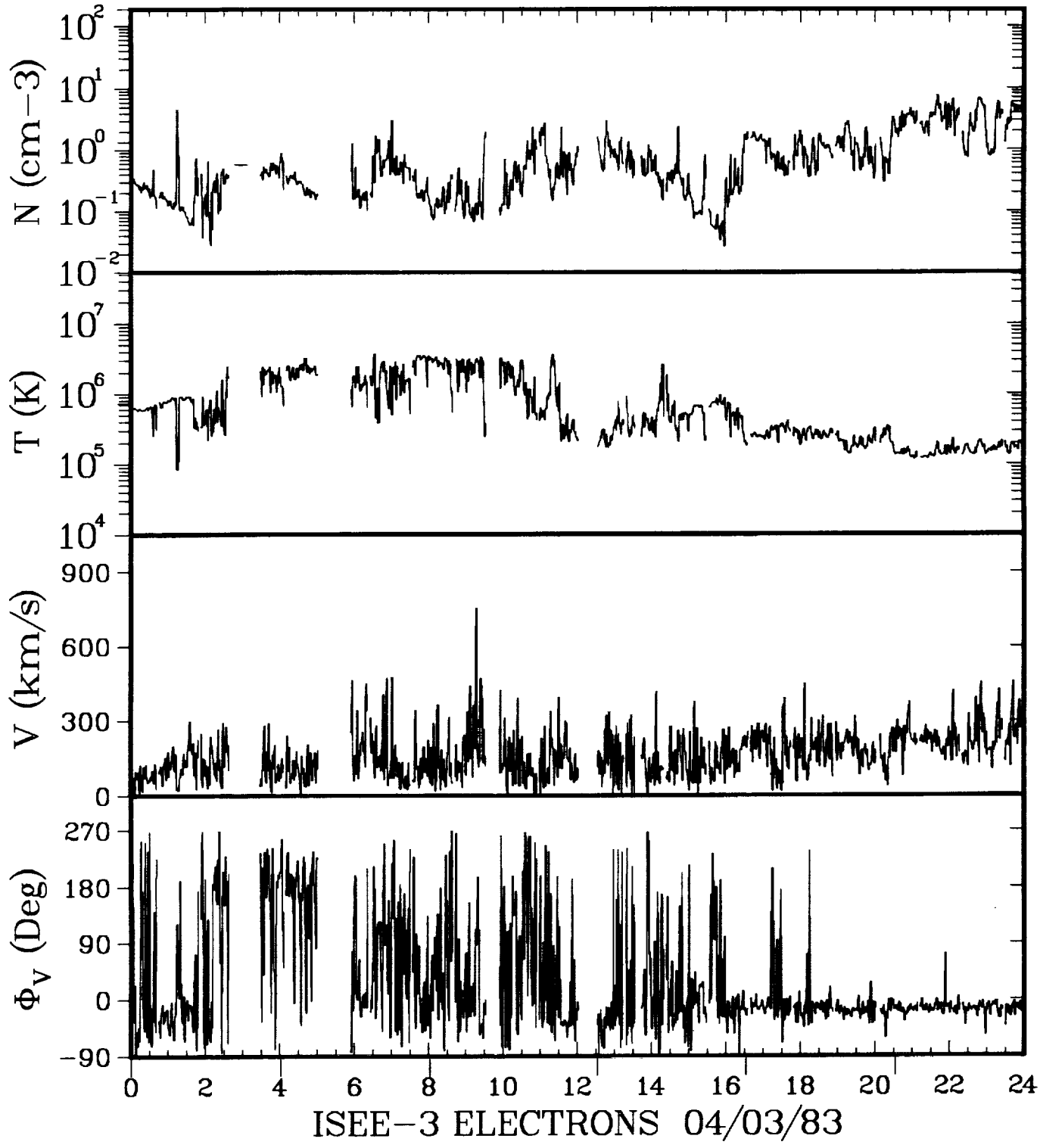
GSEX	-47.7	-45.4	-43.1	-40.7	-37.6
Y	-27.3	-27.3	-27.2	-27.2	-27.0
Z	4.7	4.5	4.2	3.9	3.6
GSMY	-25.2	-26.6	-27.4	-27.4	-26.1
Z	-11.5	-7.6	-2.5	-1.8	-7.7



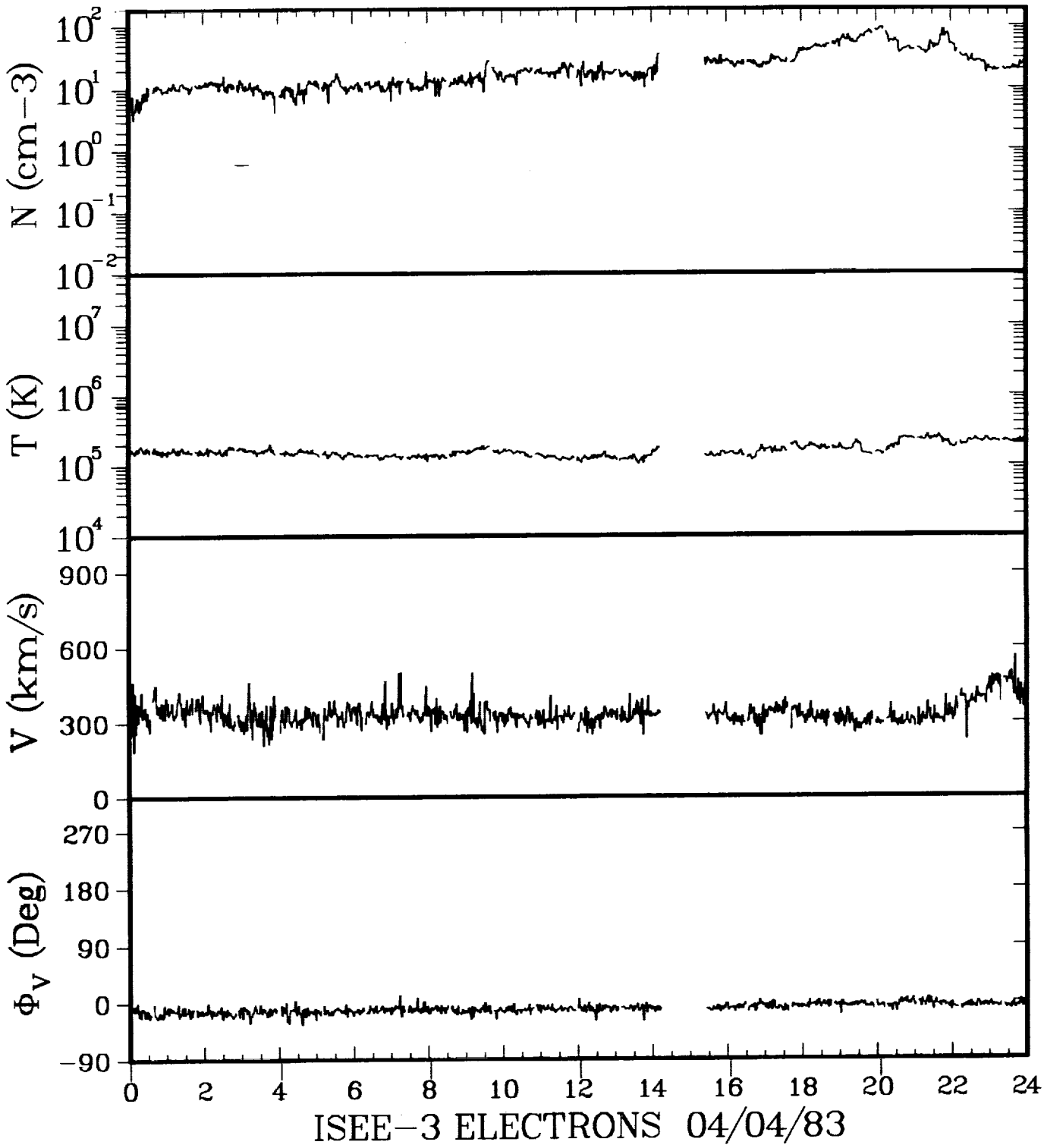
GSEX	-33.0	-30.2	-27.3	-24.1	-20.9	-17.4
Y	-26.6	-26.3	-25.9	-25.3	-24.6	-23.6
Z	3.1	2.8	2.4	2.1	1.7	1.4
GSMY	-23.8	-25.0	-25.7	-25.2	-23.5	-20.7
Z	-12.4	-8.7	-3.9	-3.2	-7.2	-11.5



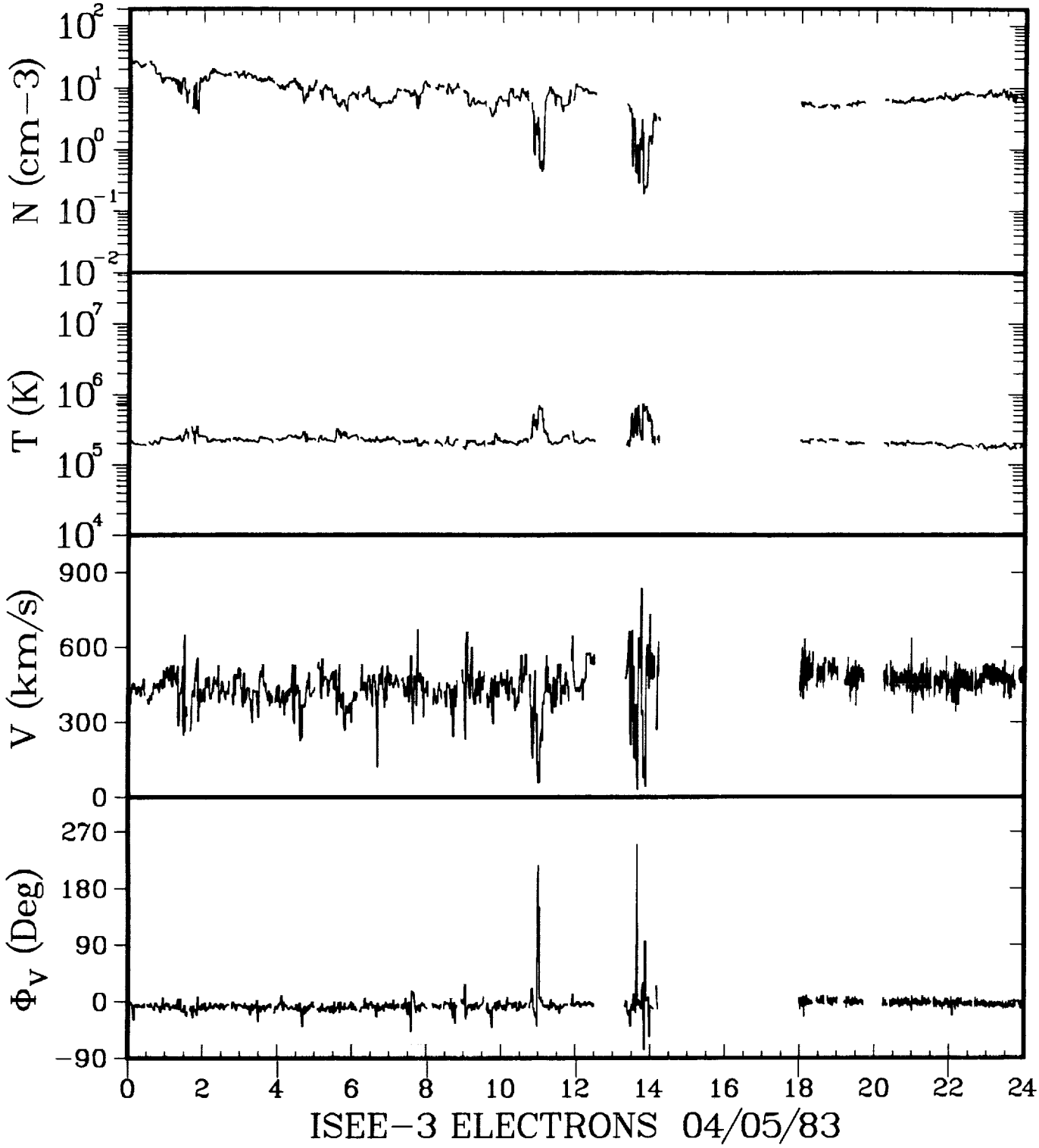
GSEX	-12.8	-8.7	-3.6	1.0	5.4
Y	-22.1	-20.3	-17.5	-14.0	-9.0
Z	0.9	0.5	0.0	-0.5	-0.8
GSMY	-19.0	-19.0	-17.1	-13.5	-7.7
Z	-11.2	-7.2	-3.5	-4.0	-4.8



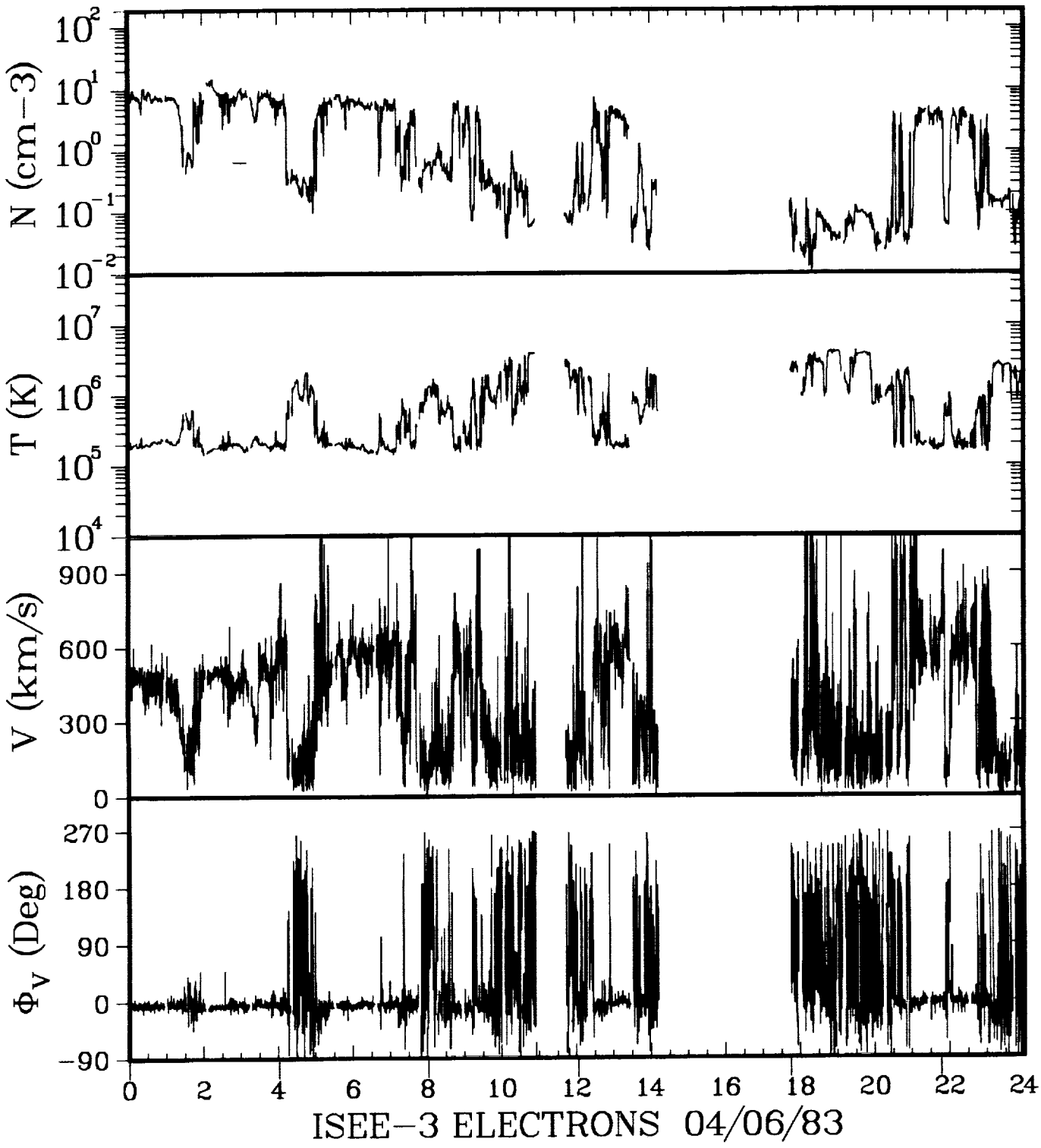
GSEX	7.9	4.9	0.5	-4.5	-8.7	-12.7
Y	2.9	9.9	14.7	18.3	20.6	22.3
Z	-0.8	-0.3	0.3	1.0	1.5	2.0
GSMY	2.8	9.1	14.2	17.7	18.5	17.6
Z	0.9	3.9	3.8	4.9	9.3	13.9



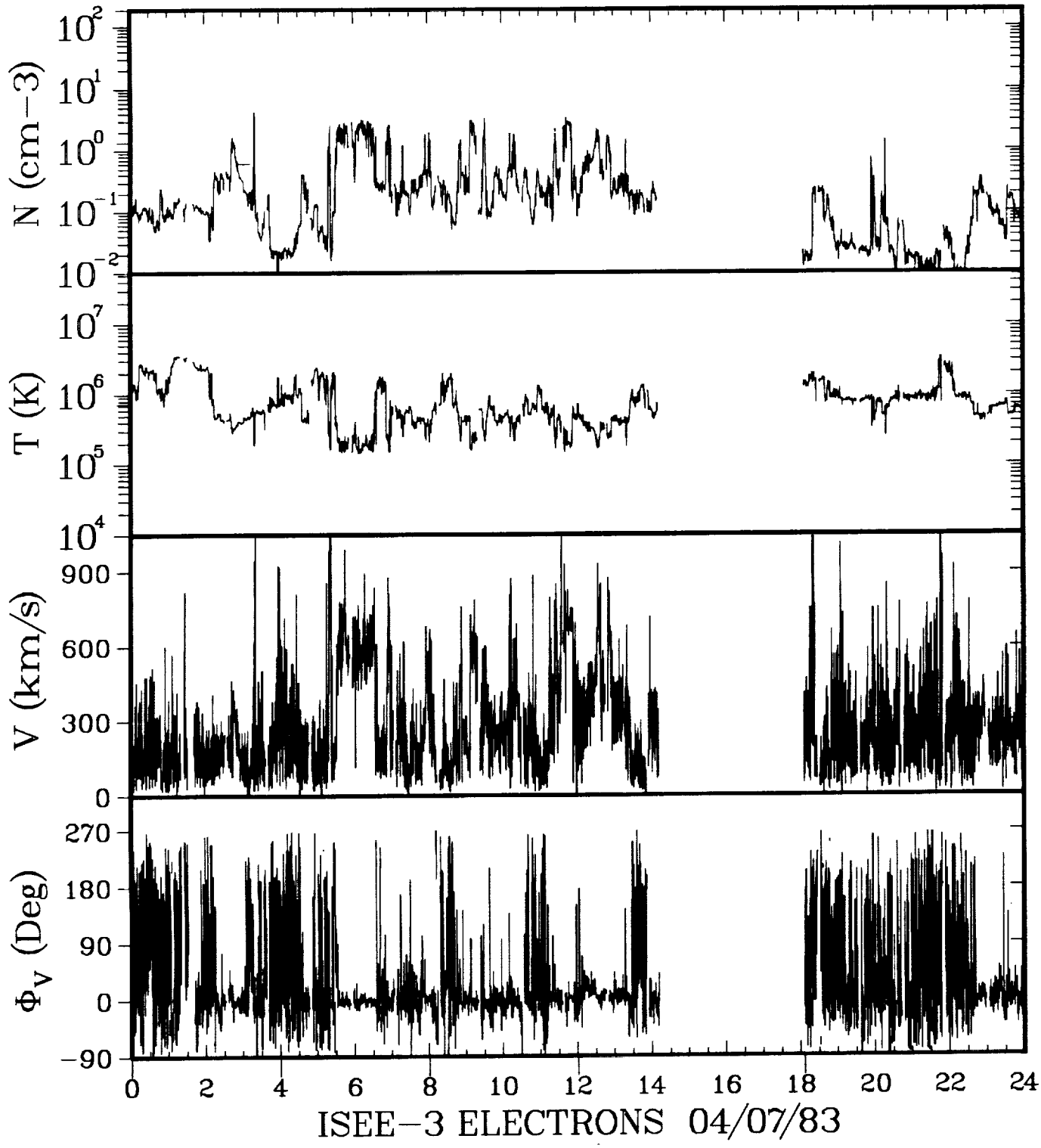
GSEX	-15.9	-19.5	-22.8	-25.9	-28.9	-31.7
Y	23.5	24.6	25.4	26.0	26.5	26.9
Z	2.4	2.8	3.2	3.6	3.9	4.3
GSMY	18.2	21.1	23.9	24.8	23.3	20.5
Z	15.1	12.8	9.1	8.8	13.2	17.9



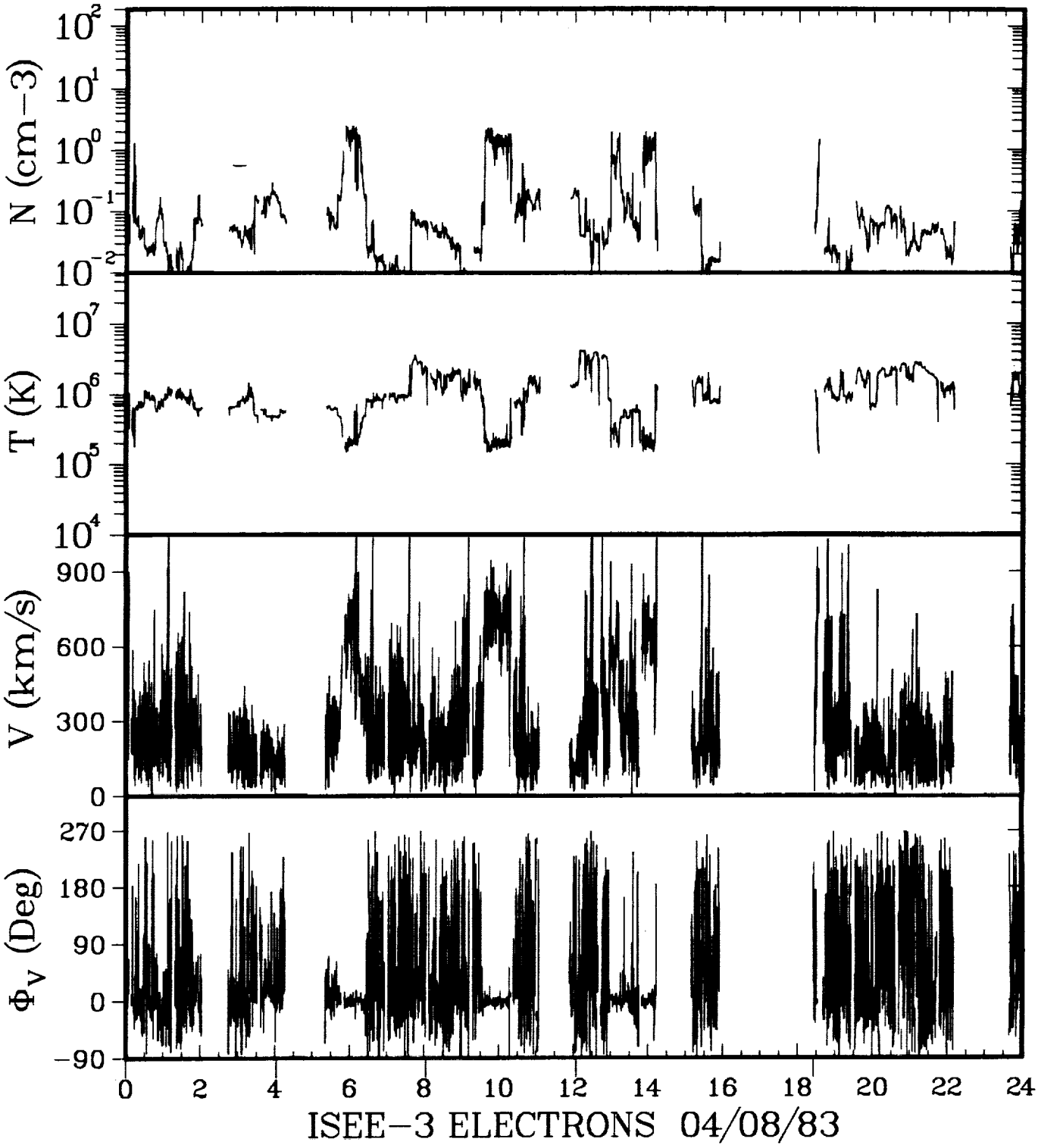
GSEX	-34.3	-36.9	-39.3	-41.6	-44.9	-46.9
Y	27.1	27.3	27.4	27.5	27.4	27.3
Z	4.6	4.8	5.1	5.4	5.7	6.0
GSMY	20.0	22.8	25.5	25.8	21.9	19.2
Z	18.9	15.8	11.4	10.8	17.5	20.4



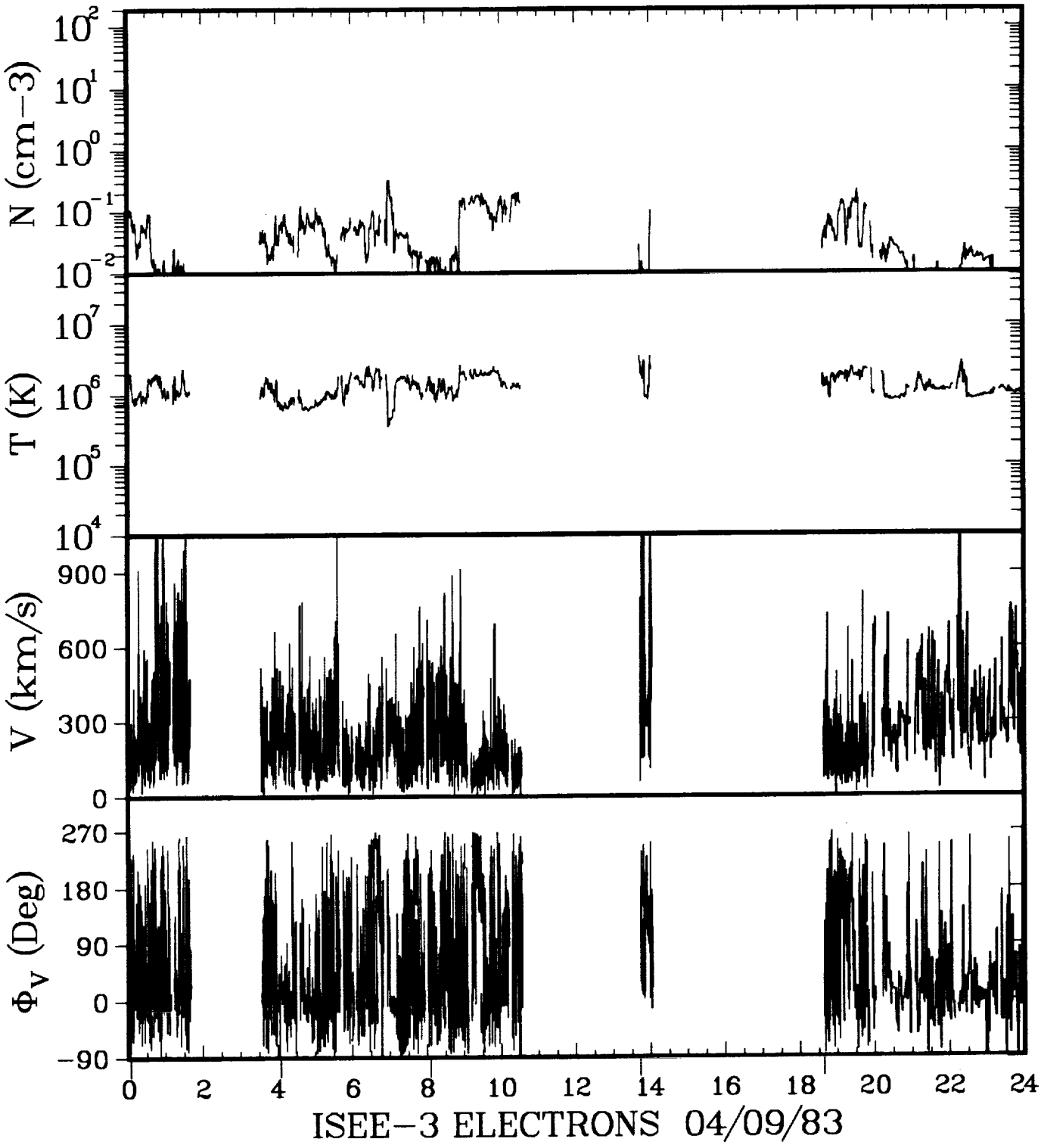
GSEX	-48.0	-49.9	-51.7	-53.5	-55.9	-57.5
Y	27.3	27.1	27.0	26.7	26.4	26.1
Z	6.1	6.3	6.5	6.7	6.9	7.1
GSMY	19.3	22.1	24.7	24.9	20.6	17.6
Z	20.2	17.0	12.6	11.8	17.8	20.5



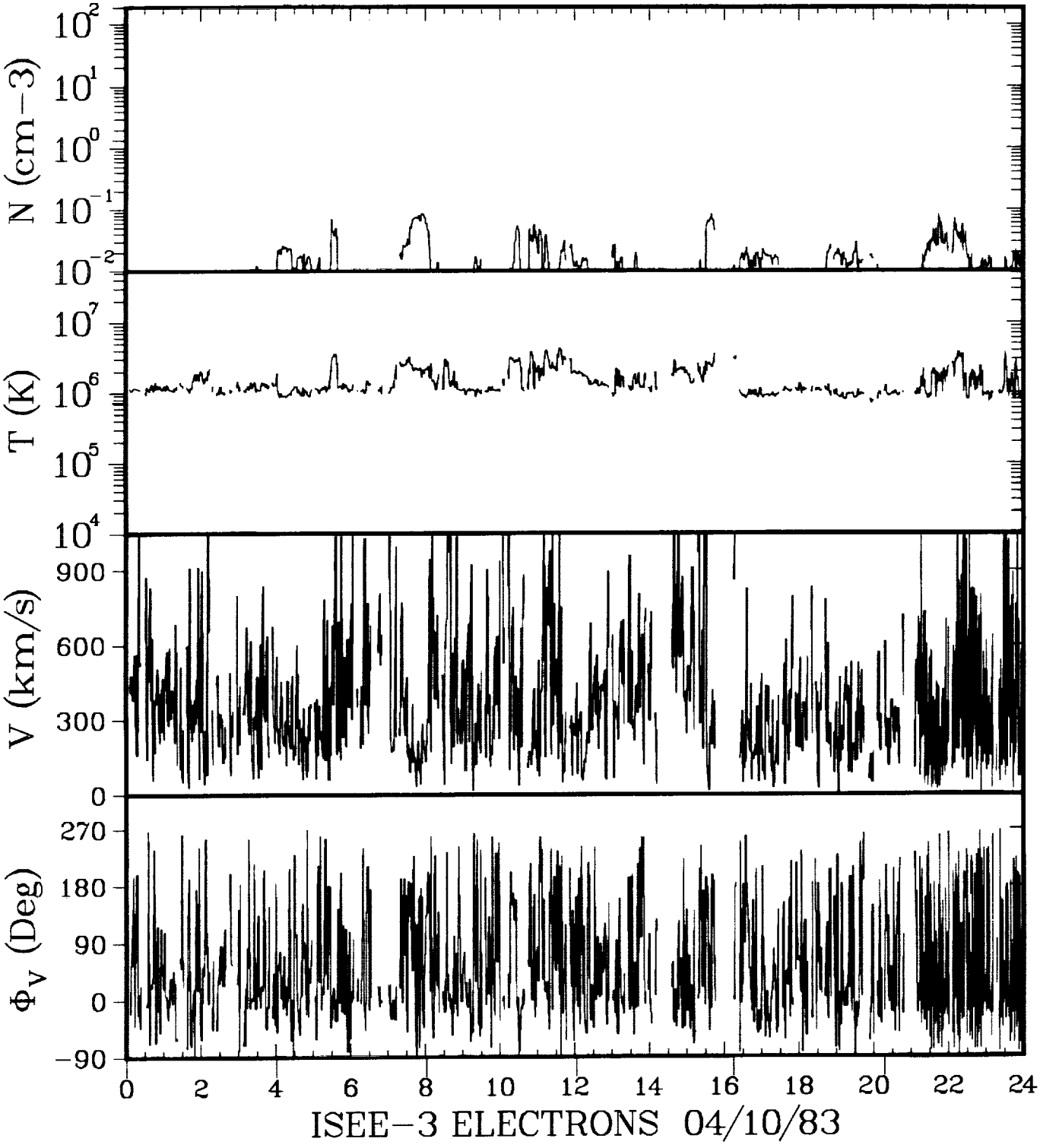
GSEX	-58.3	-59.8	-61.2	-62.6	-64.5
Y	26.0	25.6	25.3	25.0	24.4
Z	7.2	7.3	7.5	7.6	7.8
GSMY	17.6	20.3	22.9	23.0	18.2
Z	20.3	17.3	13.1	12.3	18.0



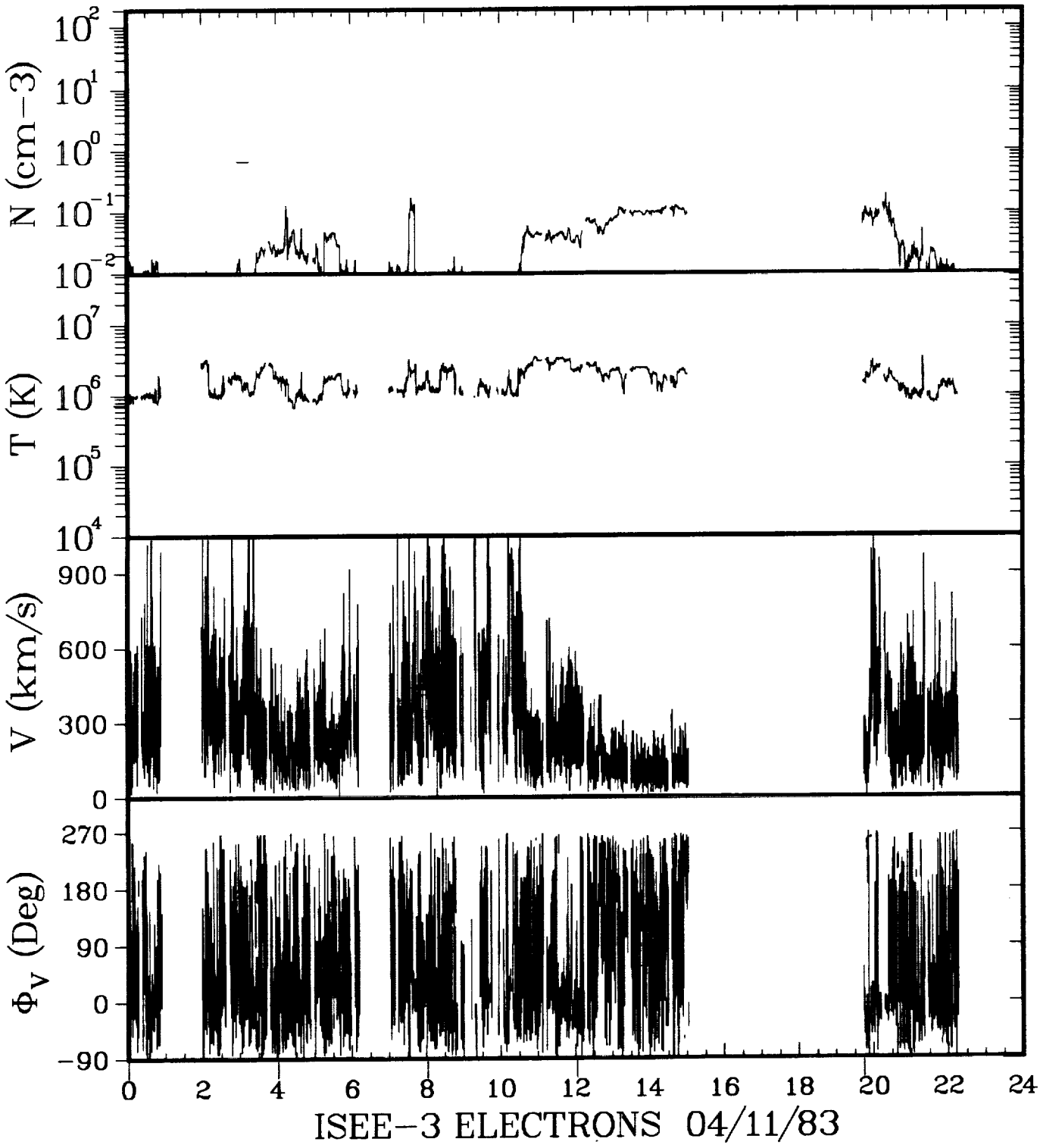
GSEX	-66.3	-67.4	-68.5	-69.5	-71.0
Y	23.8	23.4	23.0	22.5	21.8
Z	7.9	8.0	8.1	8.2	8.4
GSMY	15.5	18.0	20.5	20.5	15.3
Z	19.8	16.9	13.2	12.5	17.6



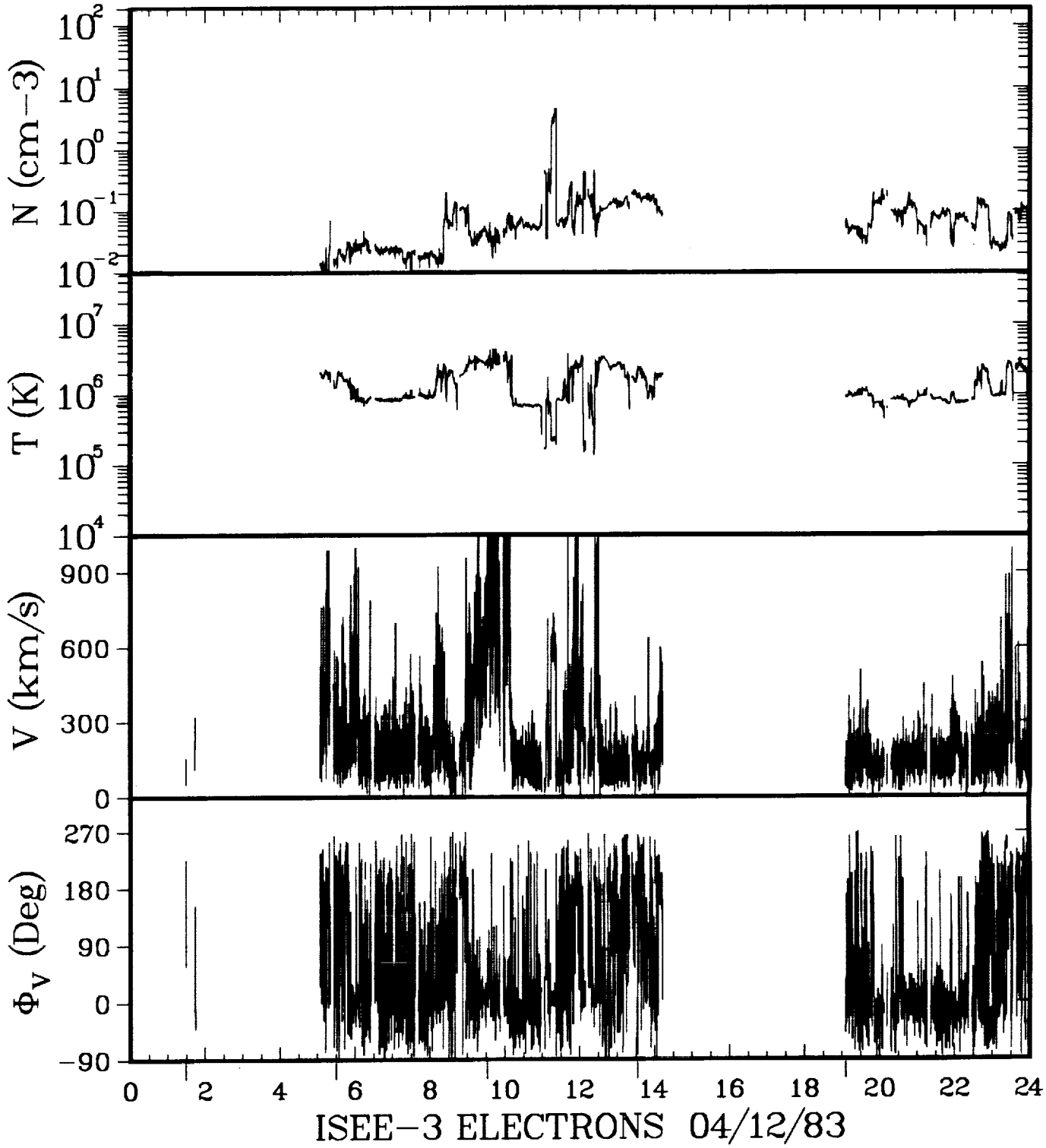
GSEX	-72.3	-73.1	-73.9	-74.9	-75.7
Y	21.1	20.6	20.1	19.4	18.8
Z	8.5	8.5	8.6	8.7	8.7
GSMY	13.0	15.4	17.7	16.8	12.4
Z	18.7	16.2	12.9	13.0	16.6



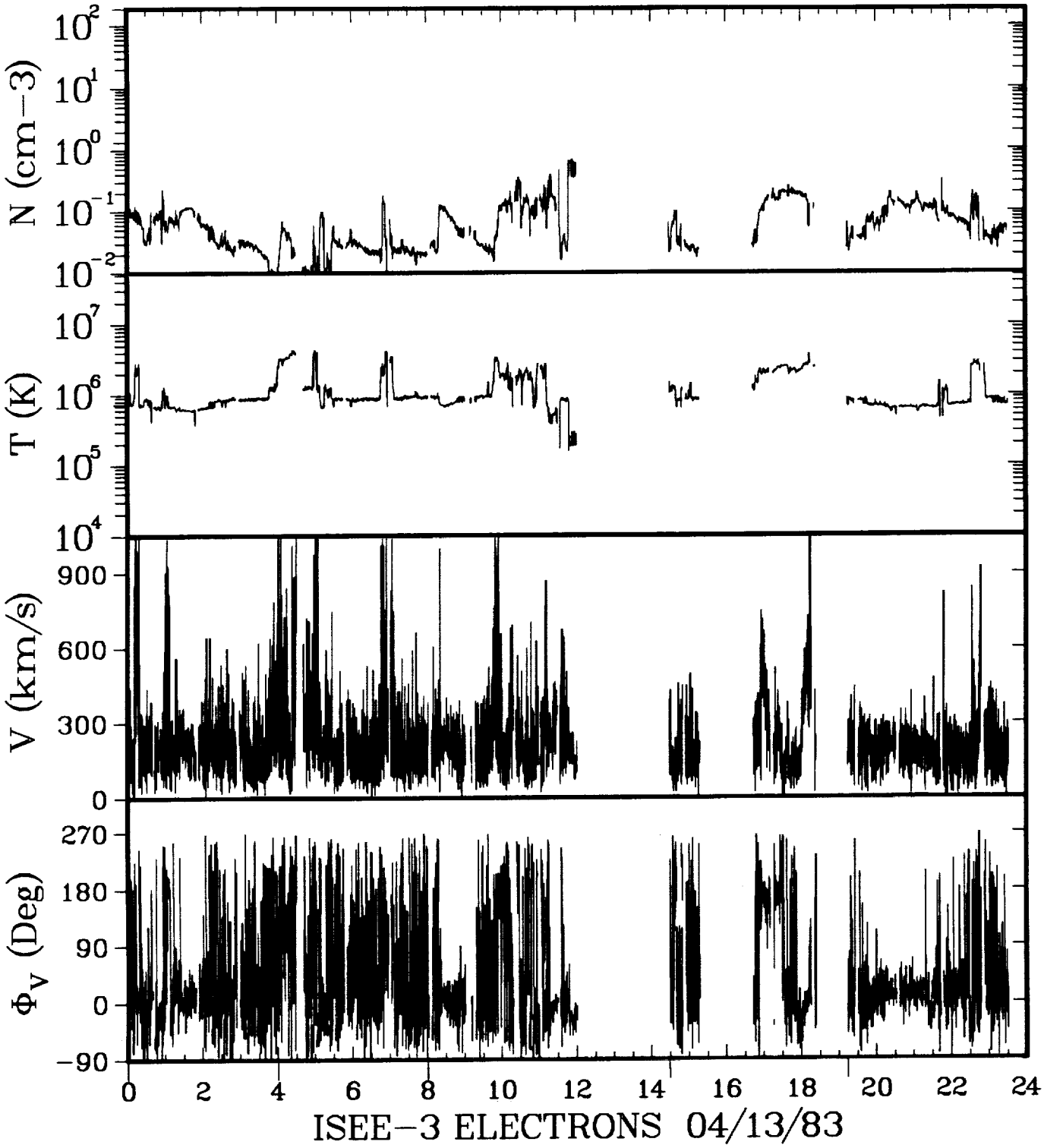
GSEX	-76.5	-77.0	-77.5	-78.0	-78.4	-78.8
Y	18.1	17.6	17.0	16.5	15.9	15.3
Z	8.8	8.8	8.8	8.8	8.8	8.8
GSMY	10.3	12.4	14.6	14.5	11.7	8.3
Z	17.2	15.2	12.4	11.8	13.9	15.6



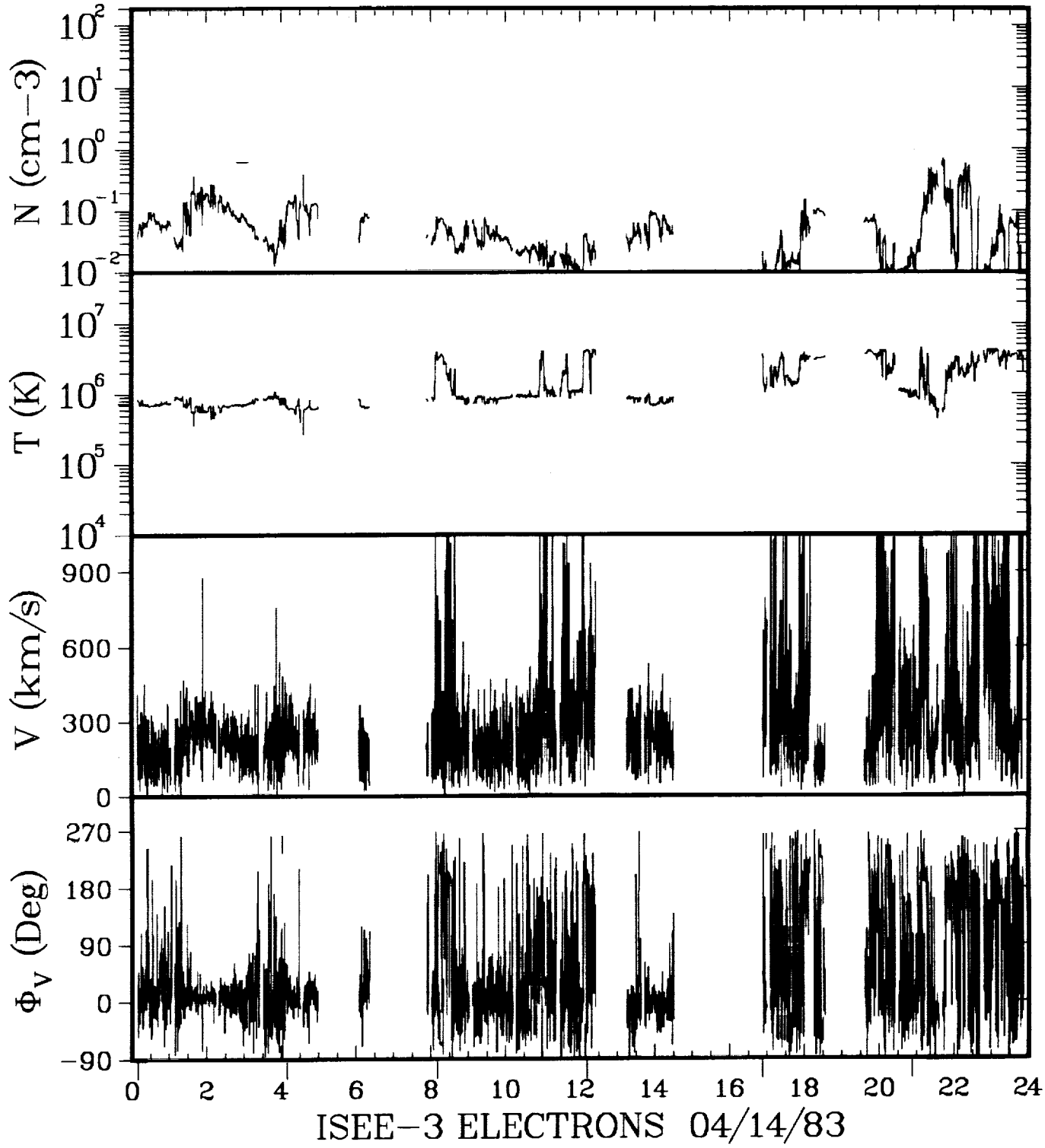
GSEX	-79.1	-79.4	-79.6	-79.8	-80.1
Y	14.8	14.2	13.6	13.0	11.8
Z	8.8	8.8	8.8	8.8	8.8
GSMY	7.5	9.4	11.3	11.1	5.7
Z	15.5	13.8	11.6	11.1	13.6



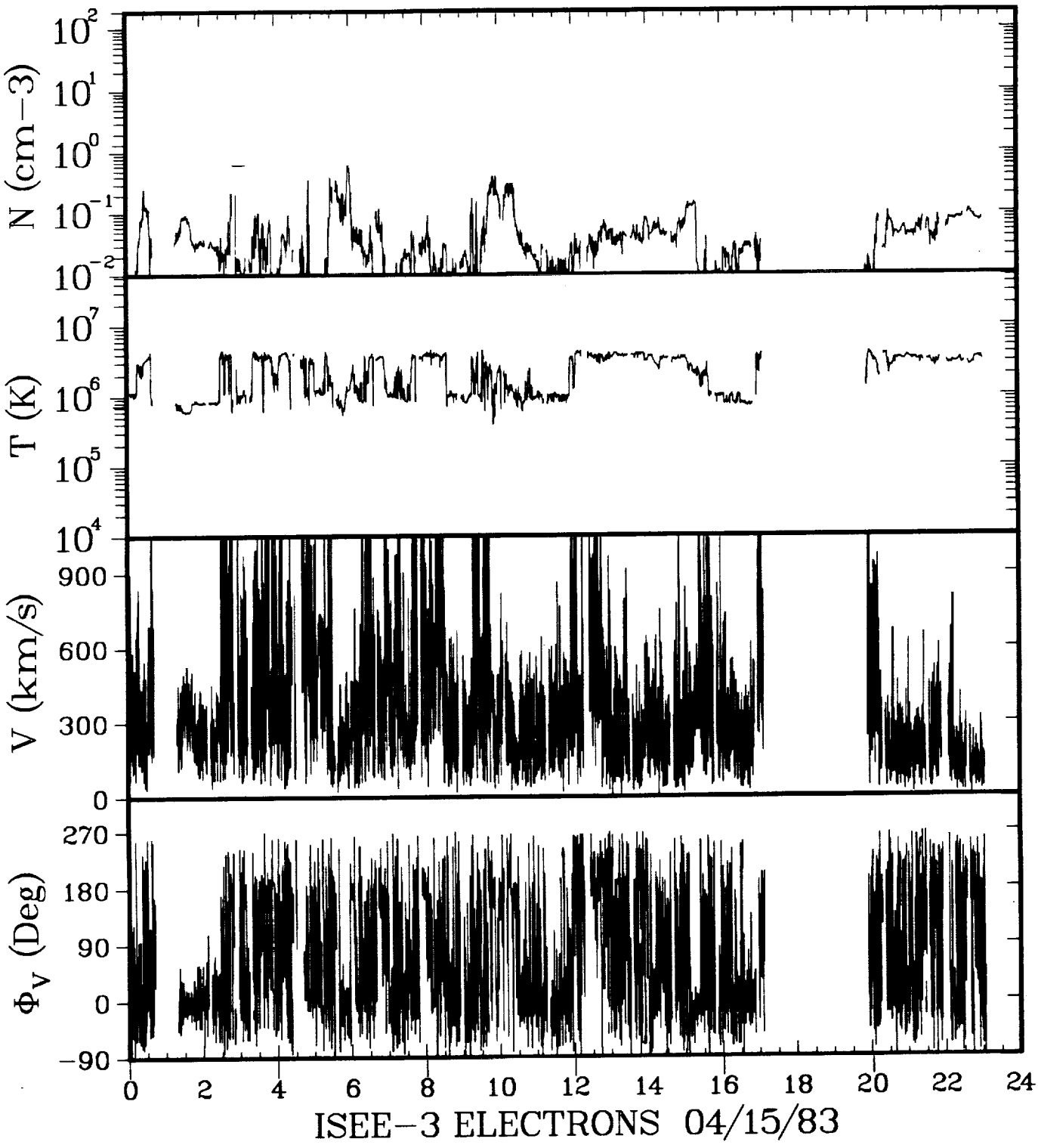
GSEX	-80.2	-80.2	-80.2	-80.2	-80.0
Y	11.0	10.3	9.7	9.1	8.2
Z	8.7	8.7	8.6	8.6	8.5
GSMY	5.0	6.9	8.0	6.9	3.0
Z	13.1	11.6	10.3	10.4	11.4



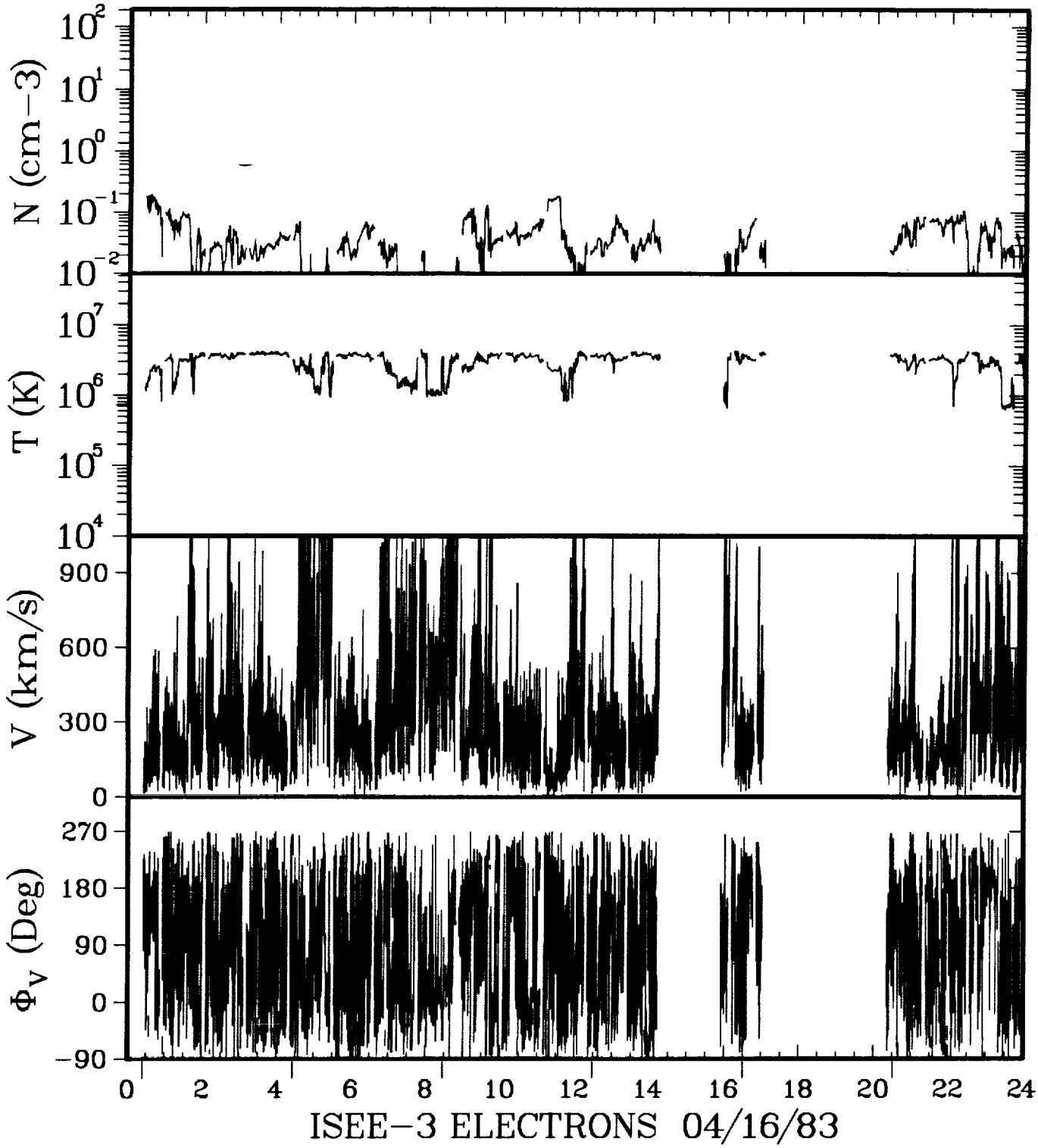
GSEX	-79.8	-79.6	-79.4	-78.9	-78.4
Y	7.4	6.7	6.1	5.0	4.2
Z	8.5	8.4	8.3	8.2	8.1
GSMY	1.6	2.8	4.1	2.7	-0.3
Z	11.1	10.4	9.4	9.2	9.1



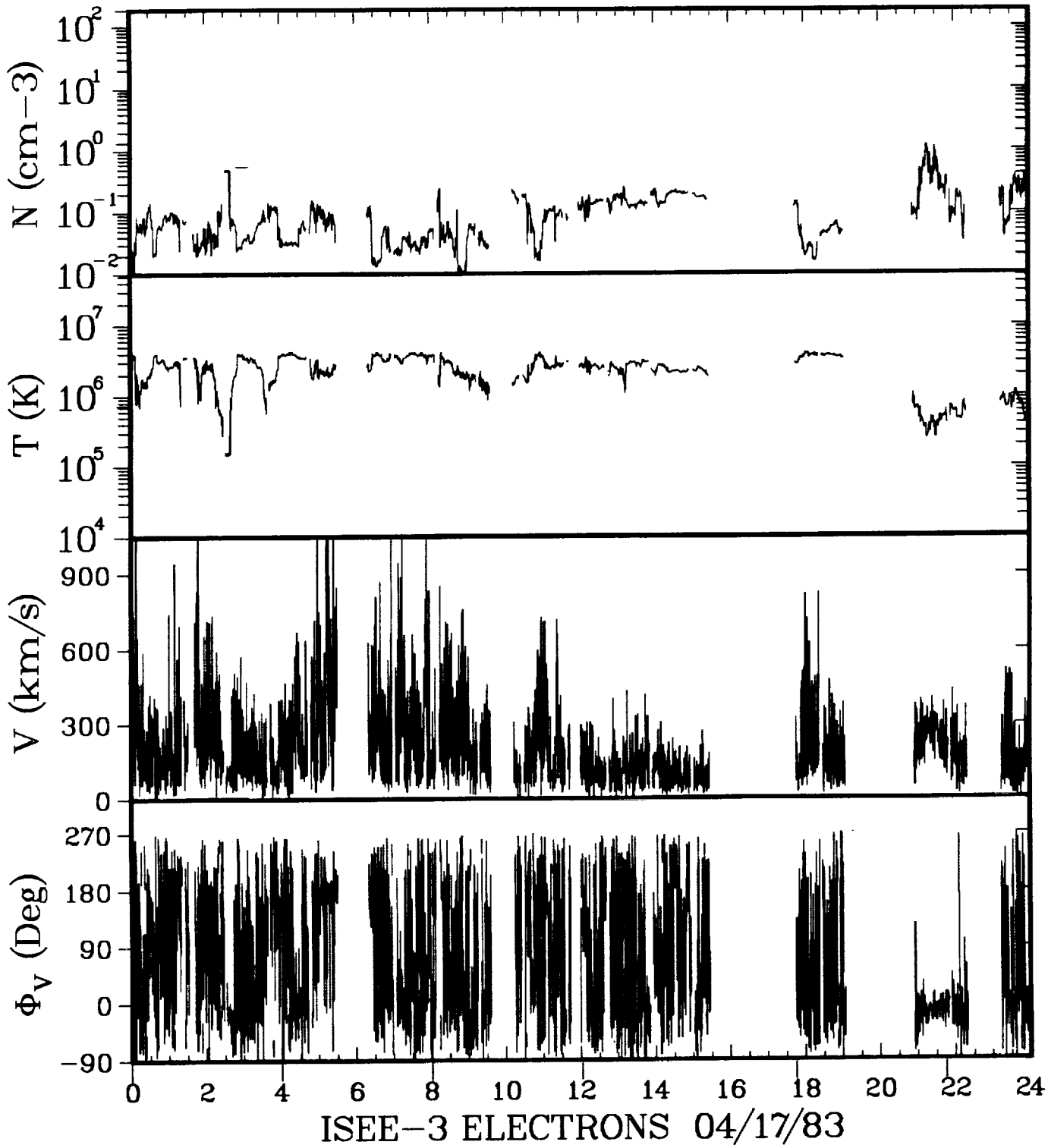
GSEX	-77.9	-77.4	-76.9	-76.3	-75.6	-74.9
Y	3.4	2.7	2.0	1.3	0.5	-0.2
Z	8.0	7.9	7.8	7.7	7.5	7.4
GSMY	-1.4	-0.6	0.3	-0.1	-2.4	-4.2
Z	8.5	8.3	8.0	7.8	7.1	6.1



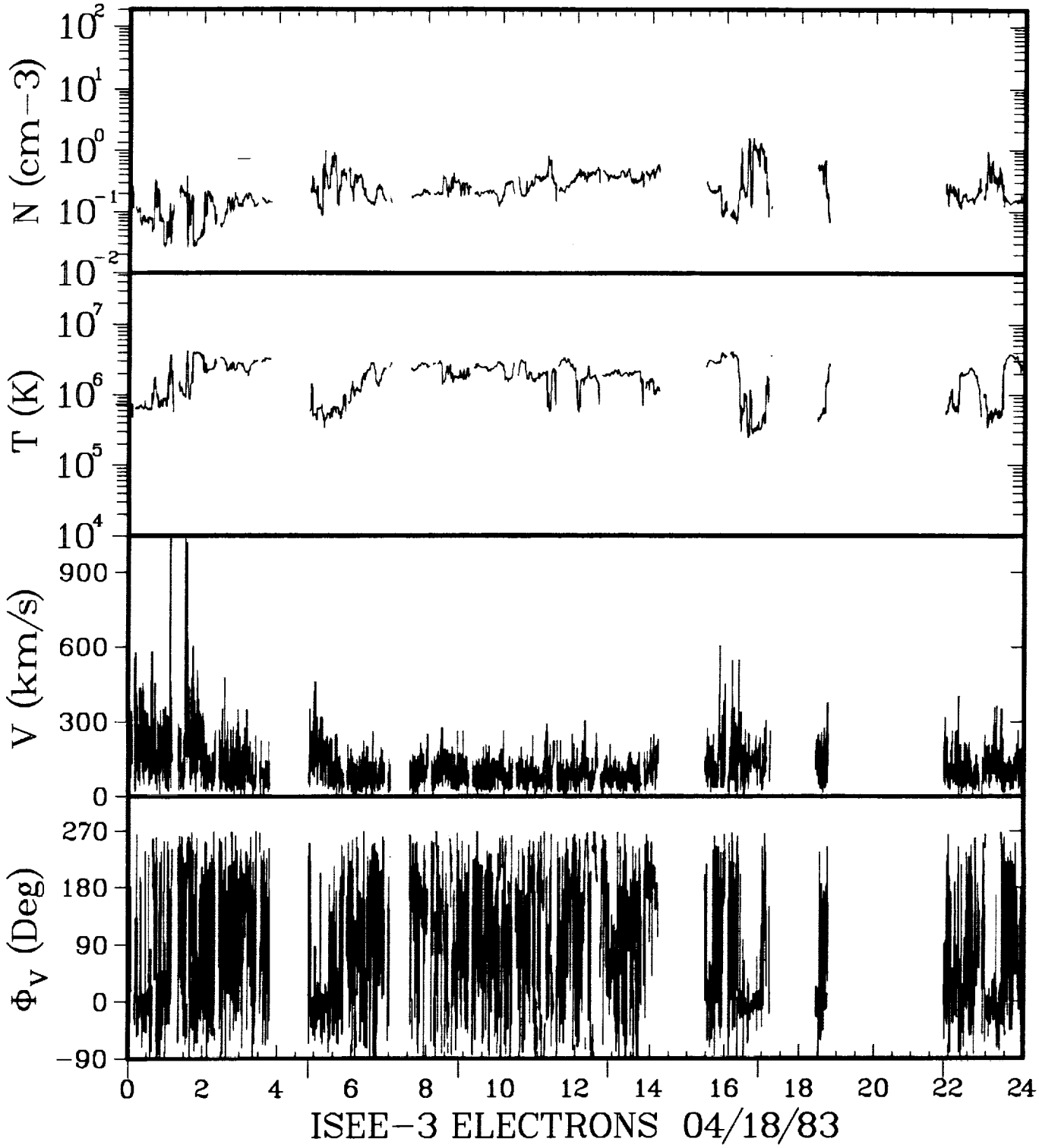
GSEX	-74.4	-73.6	-72.8	-72.0	-71.0	-70.1
Y	-0.8	-1.5	-2.2	-2.9	-3.6	-4.3
Z	7.3	7.2	7.0	6.9	6.8	6.6
GSMY	-4.6	-4.2	-3.6	-4.1	-5.7	-7.1
Z	5.8	6.0	6.4	6.3	5.2	3.4



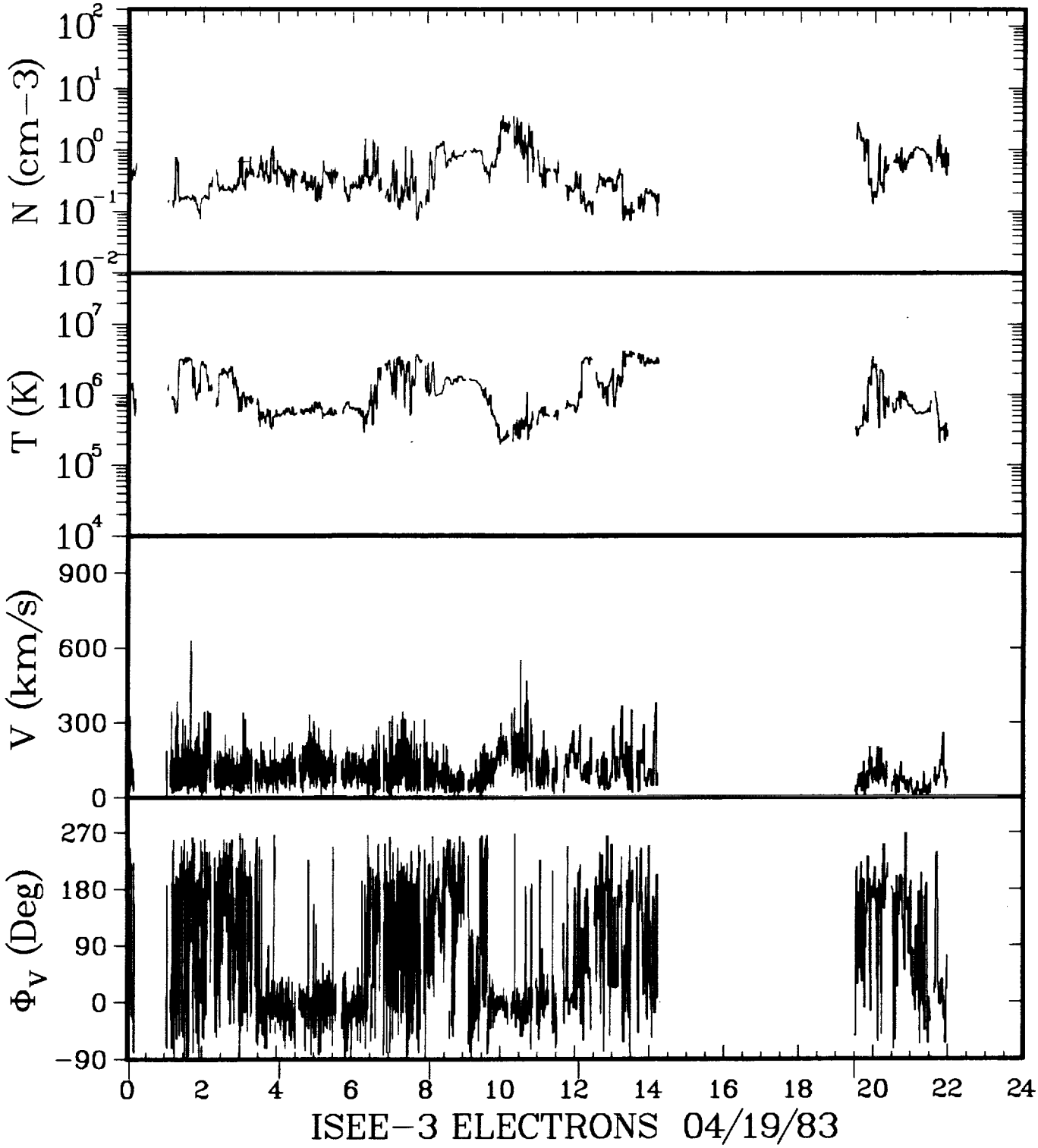
GSEX	-68.9	-67.8	-66.7	-65.4	-64.1	-62.8
Y	-5.1	-5.9	-6.6	-7.3	-8.1	-8.8
Z	6.4	6.3	6.1	5.9	5.7	5.5
GSMY	-7.8	-7.8	-7.7	-8.3	-9.6	-10.4
Z	2.7	3.6	4.7	4.5	2.5	0.1



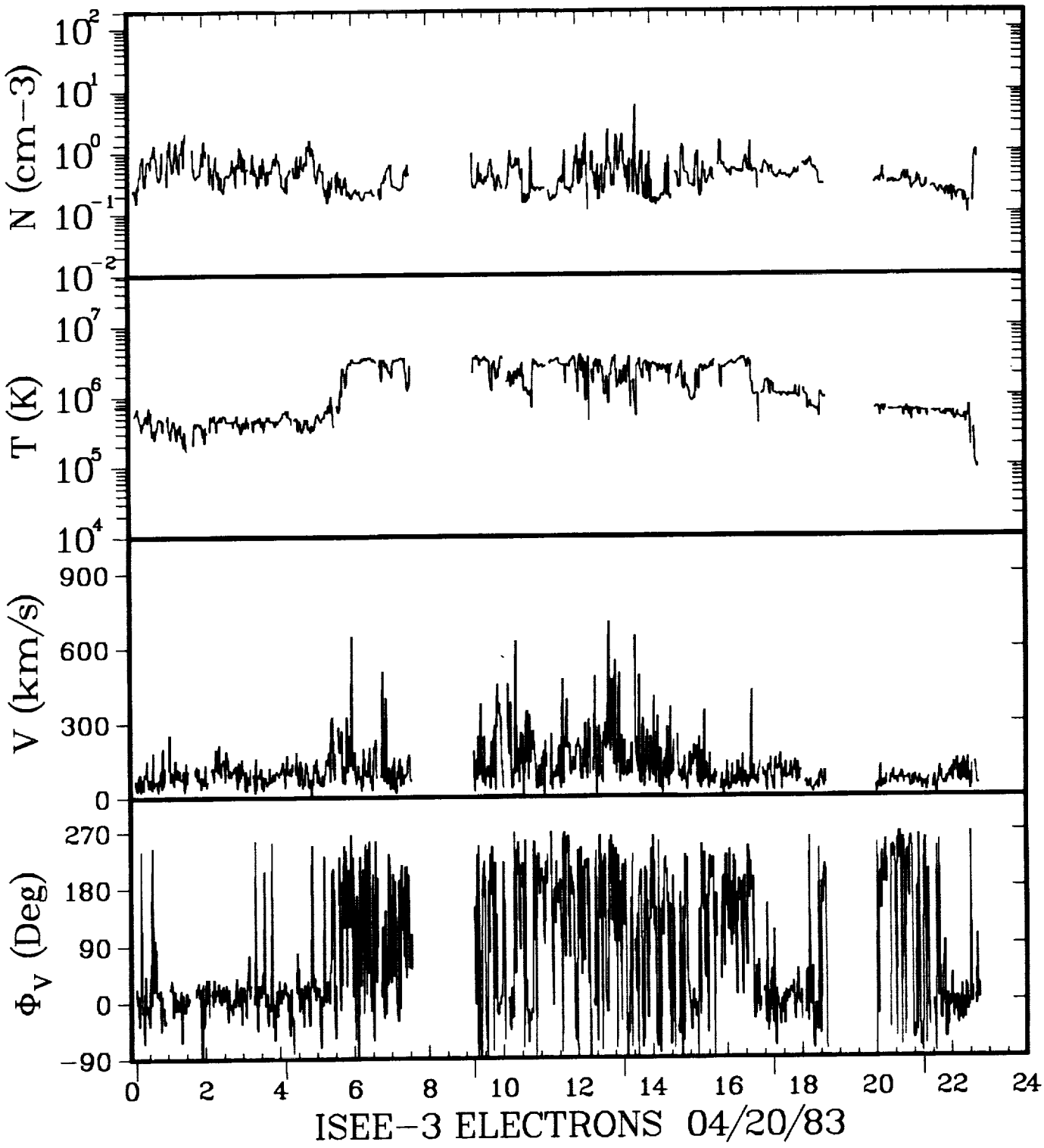
GSEX	-61.5	-60.0	-58.5	-56.8	-54.3	-52.4
Y	-9.4	-10.1	-10.9	-11.6	-12.6	-13.3
Z	5.3	5.1	4.9	4.7	4.4	4.1
GSMY	-10.8	-11.4	-11.7	-12.2	-13.3	-13.4
Z	-0.5	0.8	2.6	2.7	-1.3	-3.7



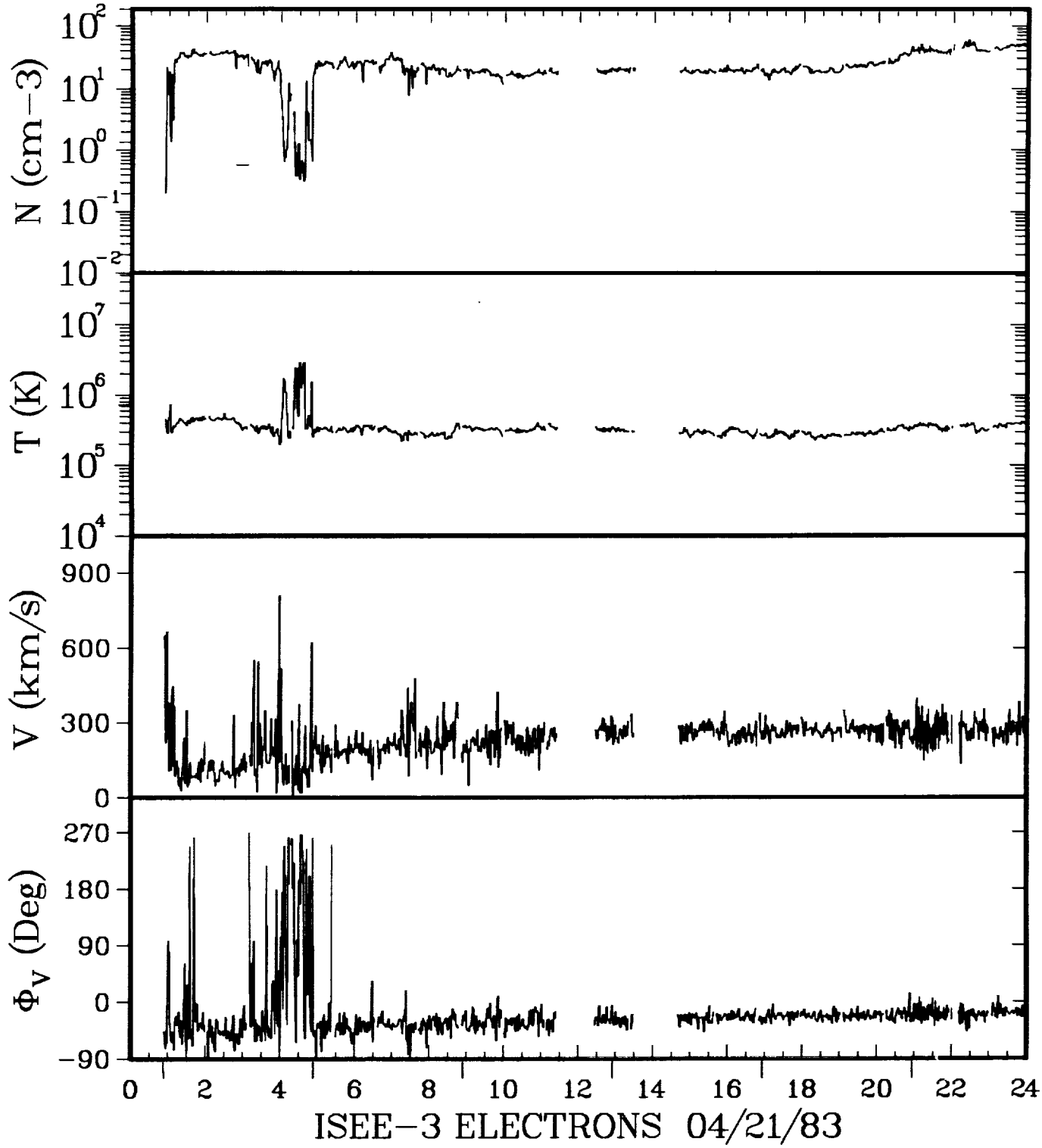
GSEX	-51.3	-48.8	-46.7	-44.4	-41.9	-38.7
Y	-13.6	-14.4	-15.1	-15.7	-16.3	-16.9
Z	4.0	3.7	3.4	3.2	2.9	2.5
GSMY	-13.7	-14.8	-15.5	-16.0	-16.2	-15.6
Z	-3.9	-1.5	0.7	0.2	-3.4	-7.1



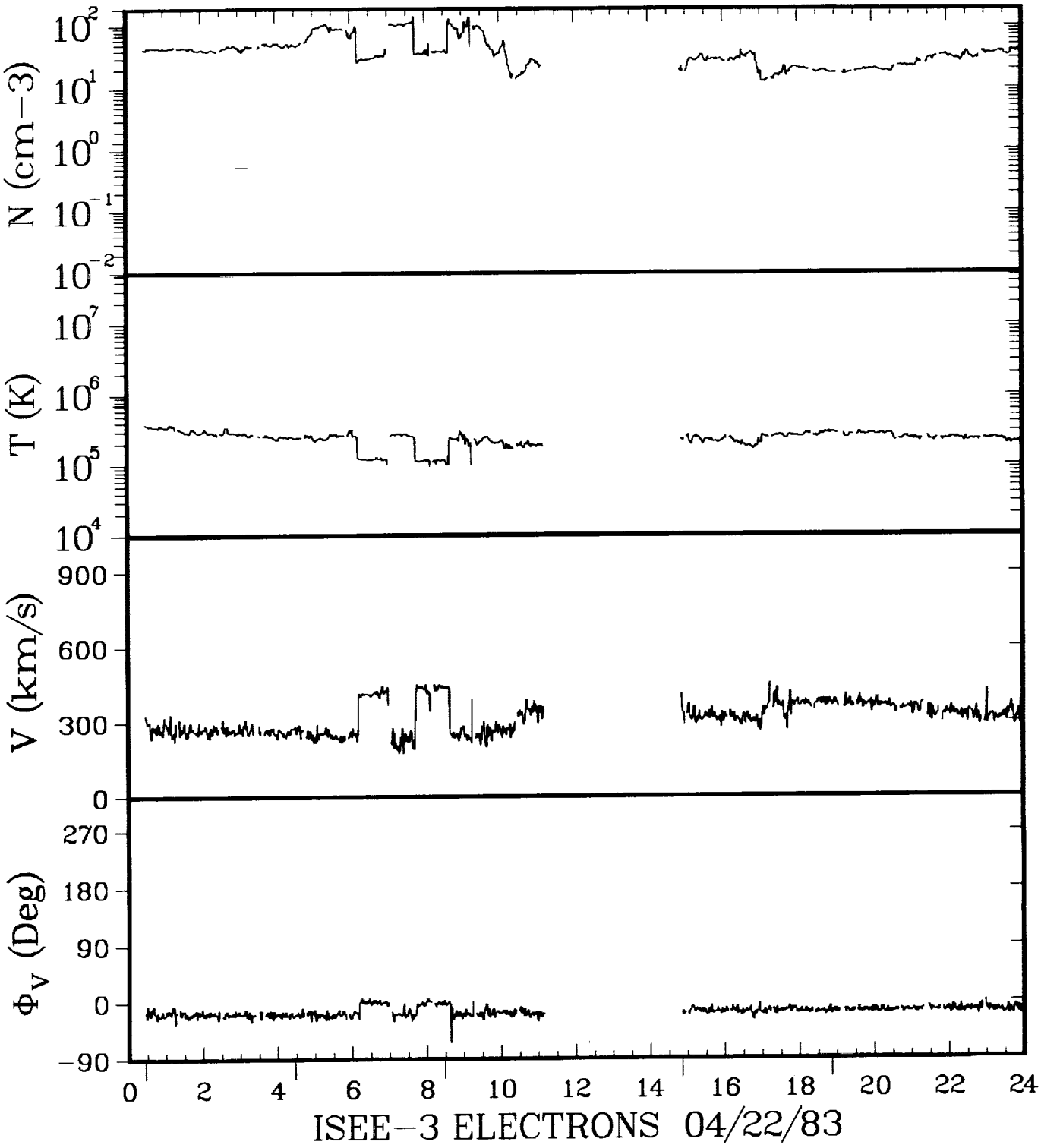
GSEX	-37.2	-34.4	-31.3	-28.1	-21.4
Y	-17.2	-17.6	-18.0	-18.2	-18.3
Z	2.3	2.0	1.7	1.4	0.7
GSMY	-15.8	-17.1	-17.9	-18.2	-16.3
Z	-7.1	-4.8	-1.9	-1.7	-8.3



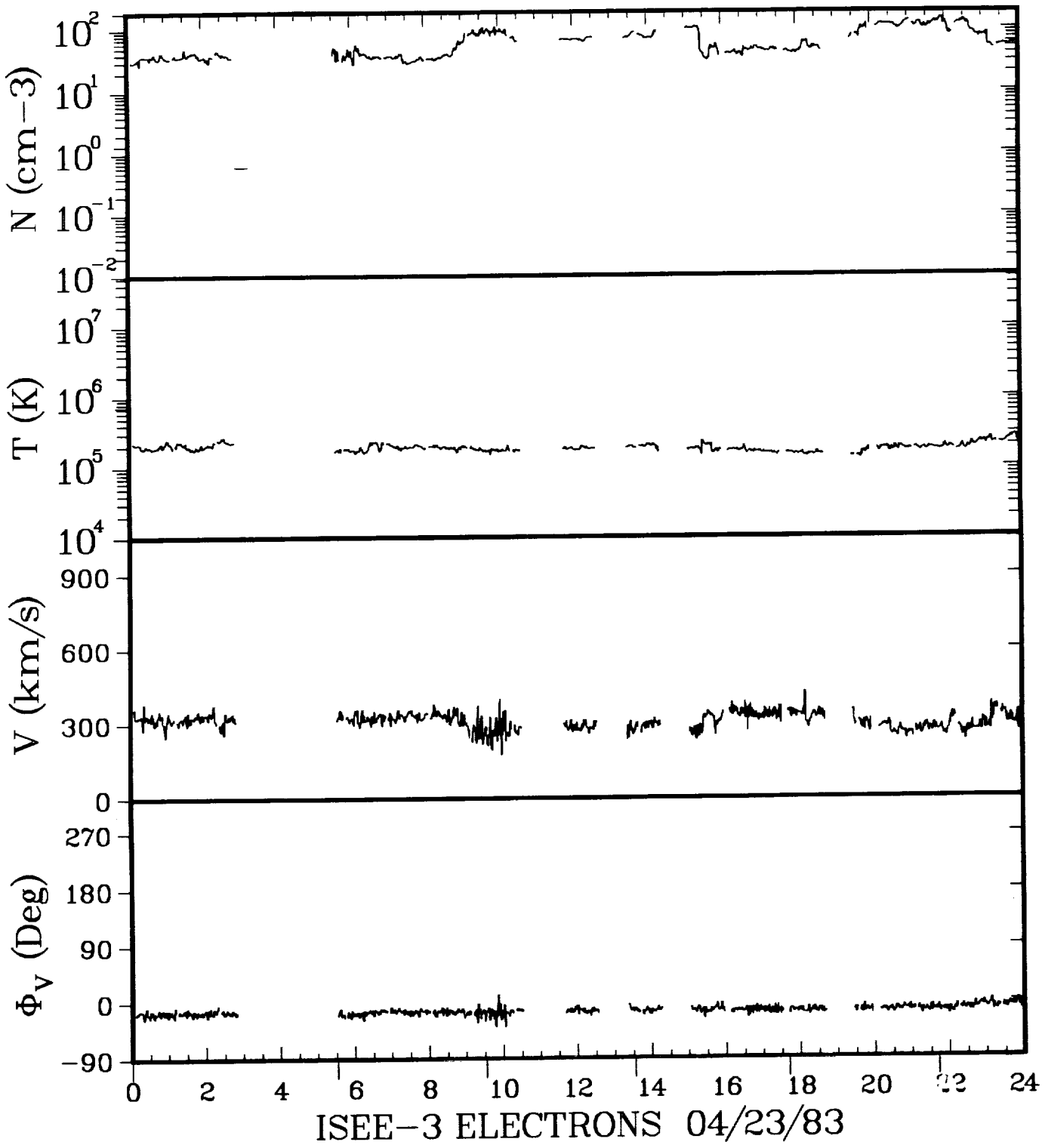
GSEX	-16.7	-12.3	-6.0	-0.6	4.8	8.4
Y	-17.9	-17.2	-15.4	-12.9	-8.4	-1.2
Z	0.3	-0.1	-0.5	-0.9	-1.0	-0.9
GSMY	-15.4	-15.9	-15.1	-12.4	-7.3	-0.6
Z	-9.1	-6.5	-3.1	-3.3	-4.2	-1.4



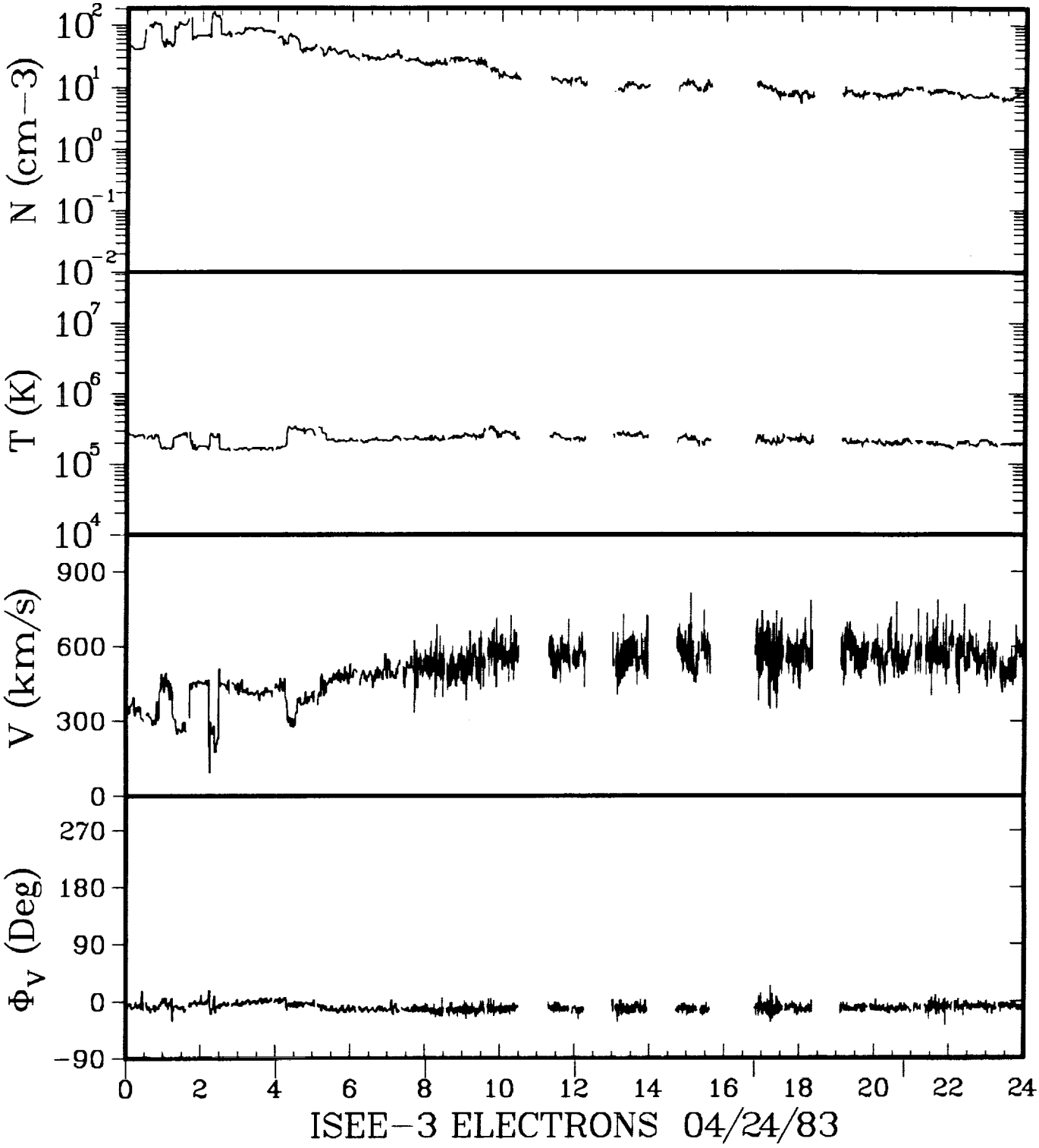
GSEX	8.3	5.9	2.7	-0.7	-4.1	-7.4
Y	5.9	12.2	17.0	20.8	23.8	26.3
Z	-0.3	0.3	1.0	1.6	2.1	2.6
GSMY	5.2	11.4	16.6	20.2	21.4	21.1
Z	2.7	4.4	3.9	5.3	10.7	16.0



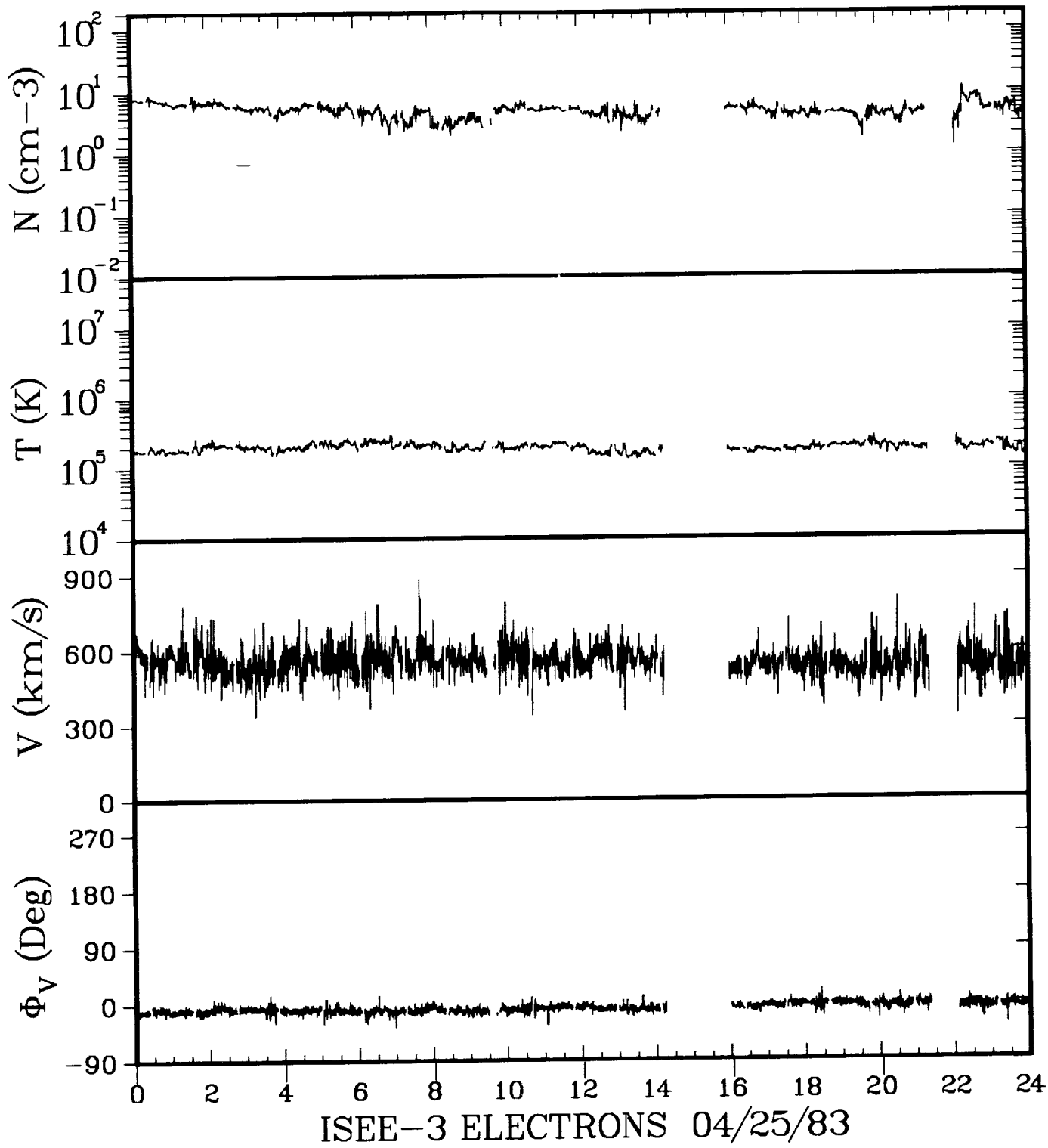
GSEX	-10.1	-13.1	-16.1	-20.4	-23.1
Y	28.2	30.0	31.6	33.8	34.9
Z	3.0	3.4	3.8	4.4	4.7
GSMY	22.7	26.9	30.5	31.6	28.9
Z	17.0	13.8	9.4	12.7	20.2



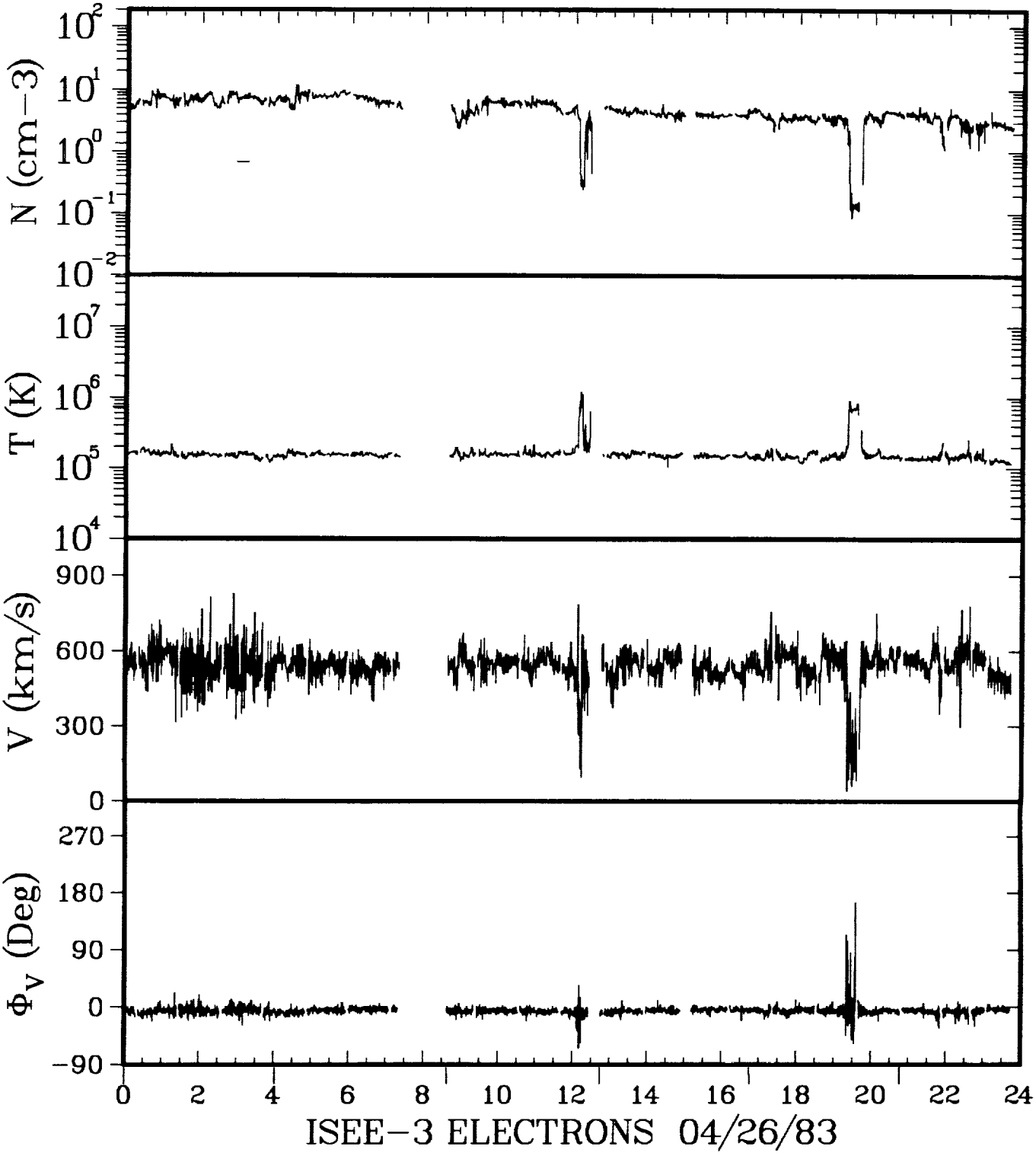
GSEX	-26.3	-29.6	-31.9	-34.1	-36.5	-38.8
Y	36.2	37.4	38.2	39.0	39.7	40.4
Z	5.1	5.5	5.7	6.0	6.2	6.3
GSMY	28.3	34.1	36.9	37.1	33.9	31.0
Z	23.1	16.3	11.3	13.3	21.6	26.7



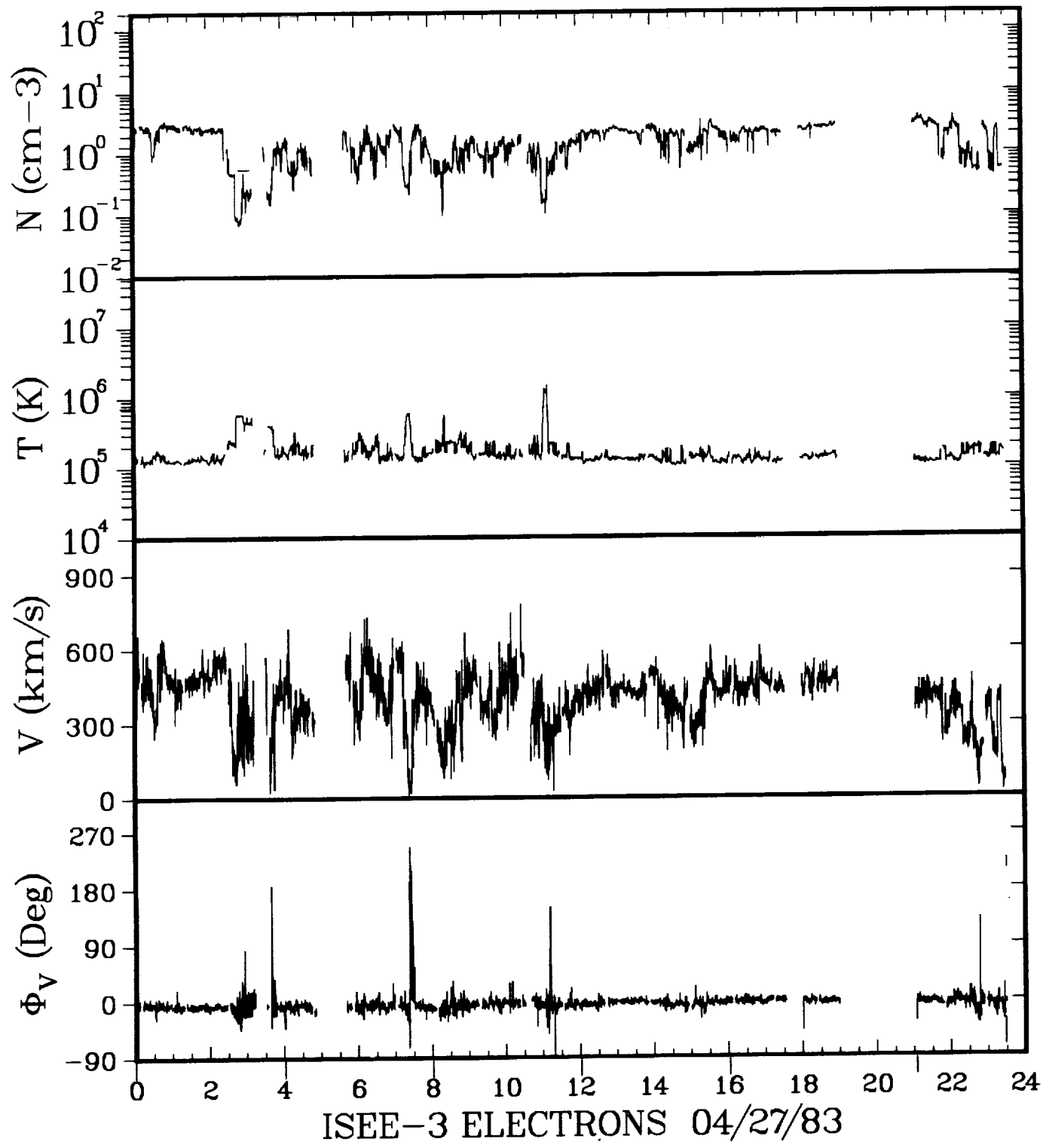
GSEX	-40.2	-42.8	-45.5	-48.0	-51.0	-53.4
Y	40.8	41.3	41.6	41.8	41.8	41.7
Z	6.4	6.4	6.3	6.2	6.1	5.9
GSMY	31.7	36.1	39.7	40.4	37.0	32.8
Z	26.5	21.1	13.8	12.2	20.3	26.5



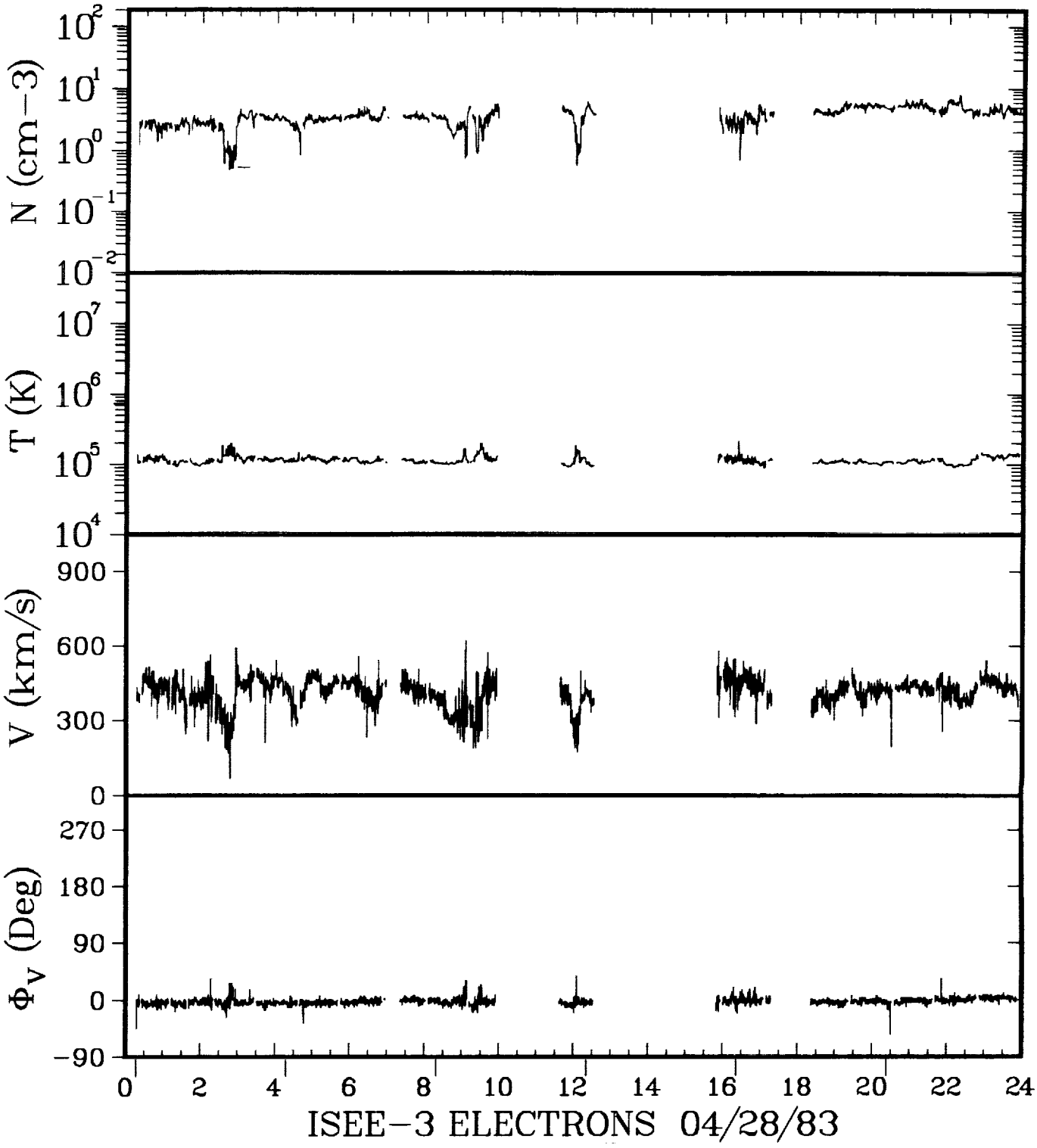
GSEX	-55.3	-57.7	-59.9	-62.2	-64.3	-66.5
Y	41.7	41.5	41.3	41.1	40.9	40.6
Z	5.8	5.7	5.5	5.4	5.2	5.1
GSMY	32.8	36.6	39.7	40.0	37.3	32.9
Z	26.3	20.4	12.9	11.2	17.5	24.4



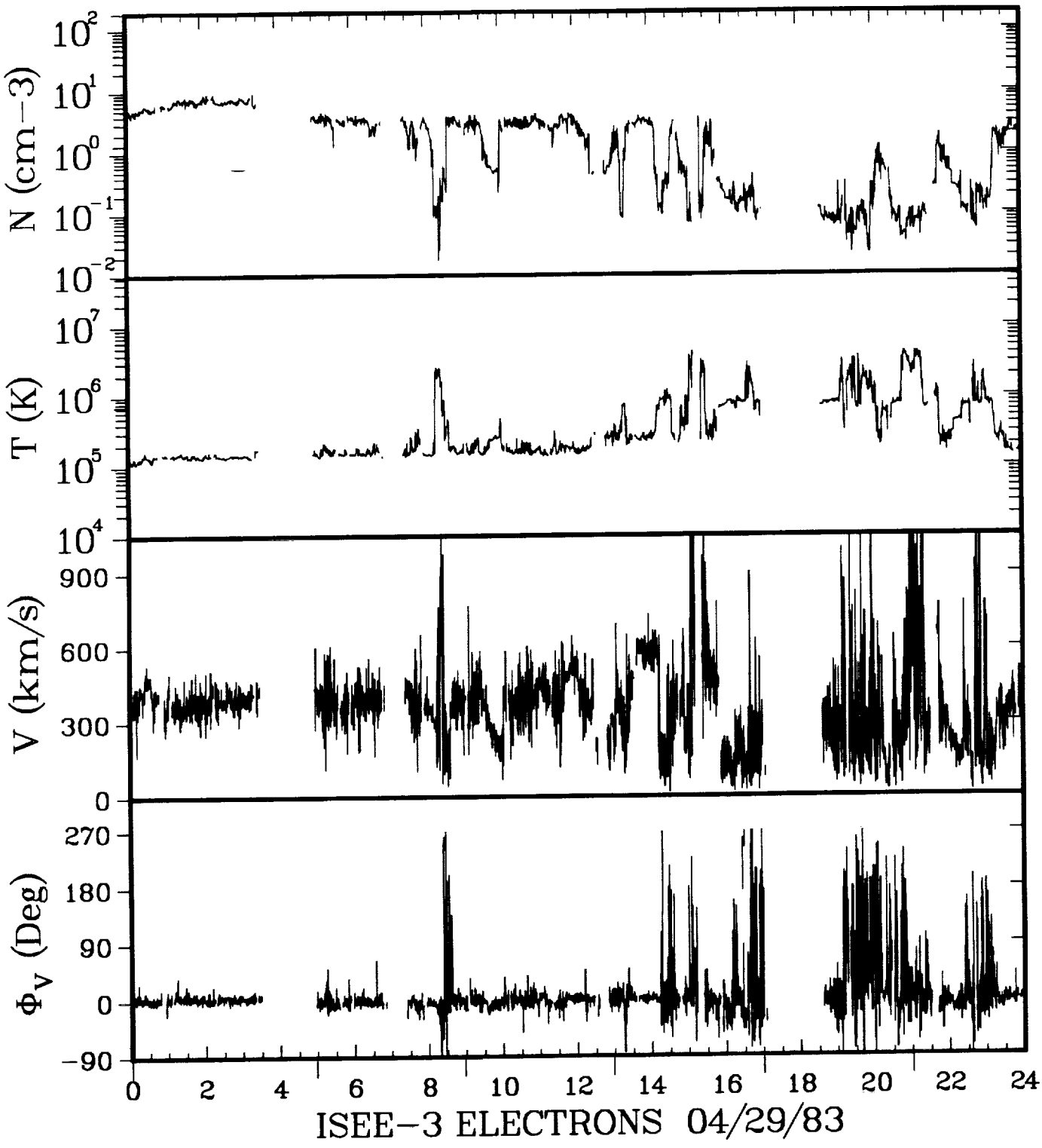
GSEX	-68.5	-70.5	-72.8	-74.8	-76.7	-78.6
Y	40.4	40.1	39.7	39.3	39.0	38.6
Z	4.9	4.8	4.6	4.4	4.2	4.0
GSMY	32.2	35.7	38.5	38.2	35.2	31.3
Z	24.8	18.9	10.7	10.4	17.3	23.0



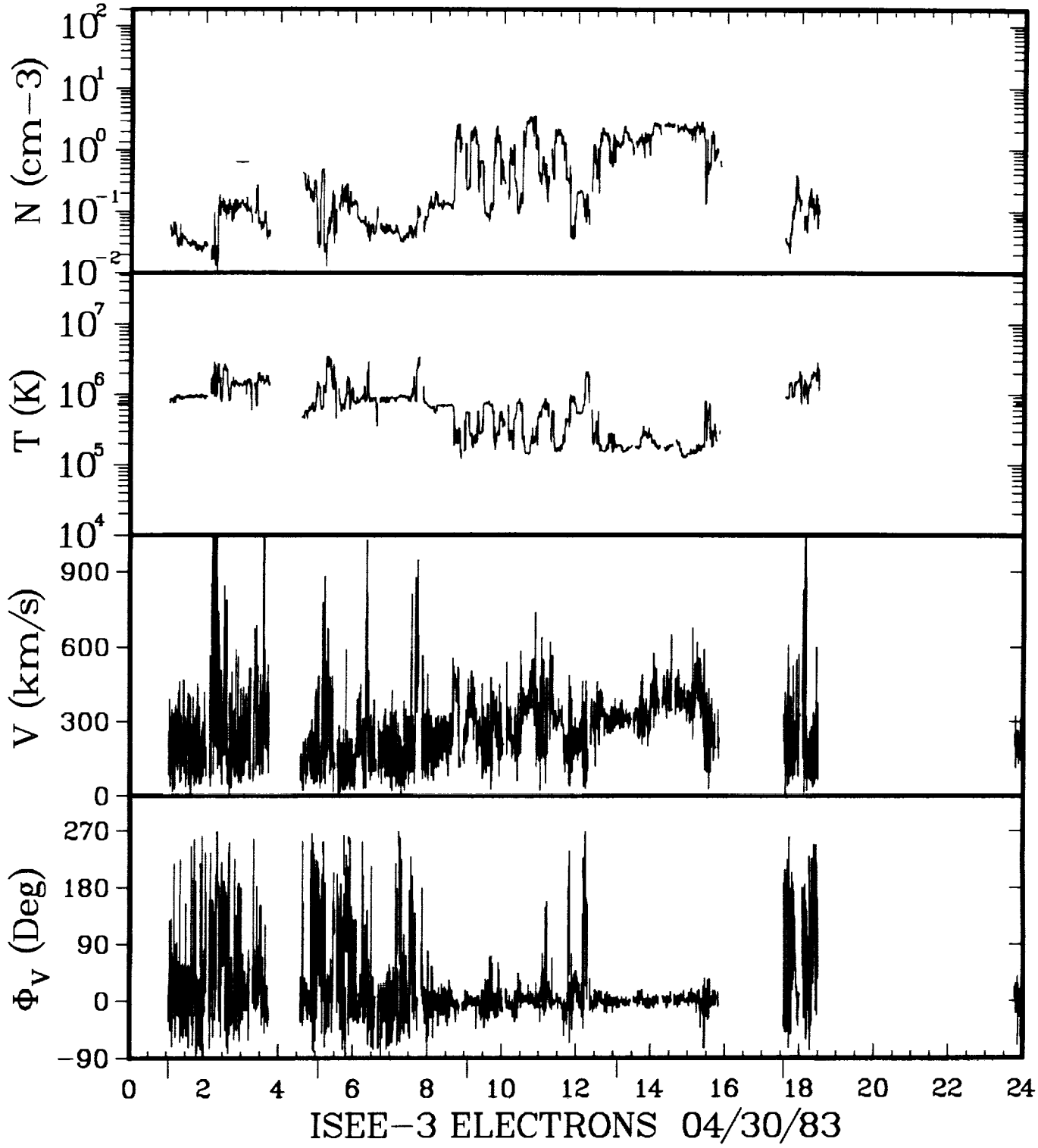
GSEX	-80.1	-81.9	-83.7	-85.4	-87.1	-89.2
Y	38.3	37.9	37.5	37.1	36.7	36.2
Z	3.9	3.7	3.5	3.4	3.2	2.9
GSMY	31.1	34.1	36.4	36.4	34.1	29.7
Z	22.7	17.0	9.9	8.3	14.0	21.0



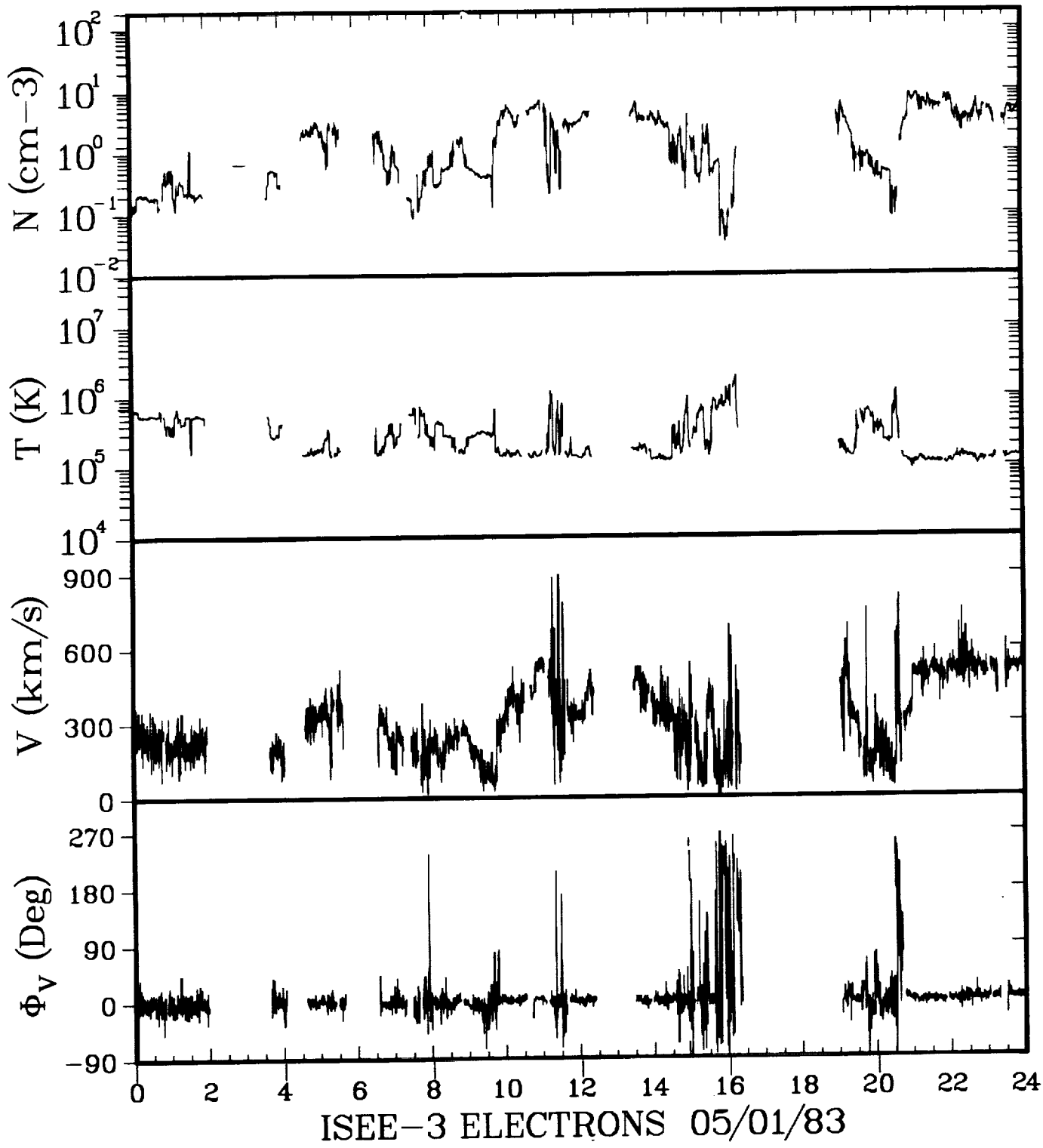
GSEX	-90.5	-92.1	-93.7	-95.3	-96.8	-98.3
Y	35.9	35.5	35.1	34.6	34.2	33.8
Z	2.8	2.6	2.4	2.2	2.0	1.8
GSMY	29.8	32.5	34.2	34.0	31.8	28.5
Z	20.3	14.5	7.9	6.9	12.6	18.2



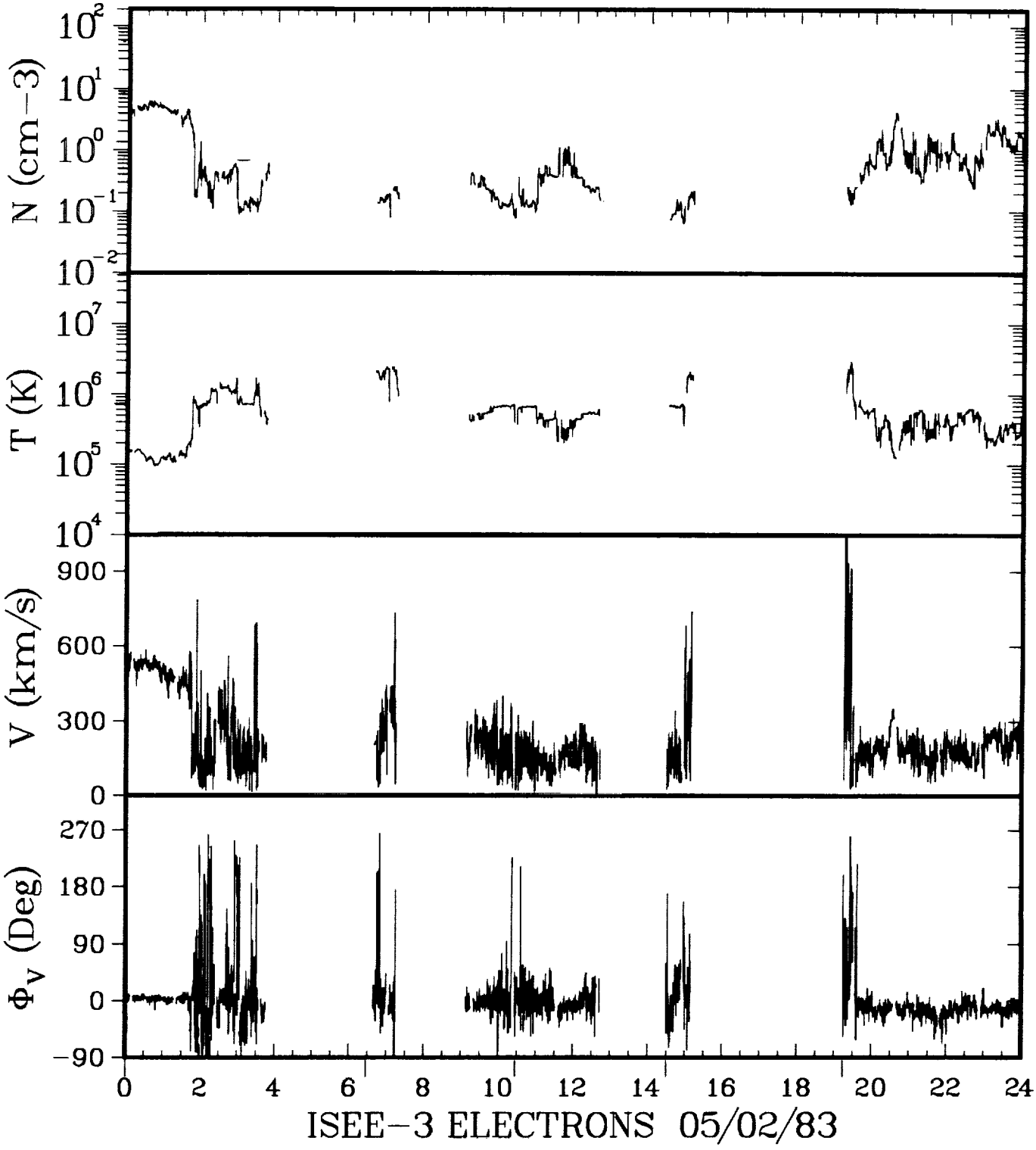
GSEX	-99.7	-101.5	-102.9	-104.3	-105.7	-107.1
Y	33.4	32.8	32.4	32.0	31.5	31.1
Z	1.7	1.4	1.2	1.0	0.9	0.7
GSMY	28.1	30.9	31.9	31.5	29.3	26.6
Z	18.1	11.3	5.6	5.8	11.7	16.2



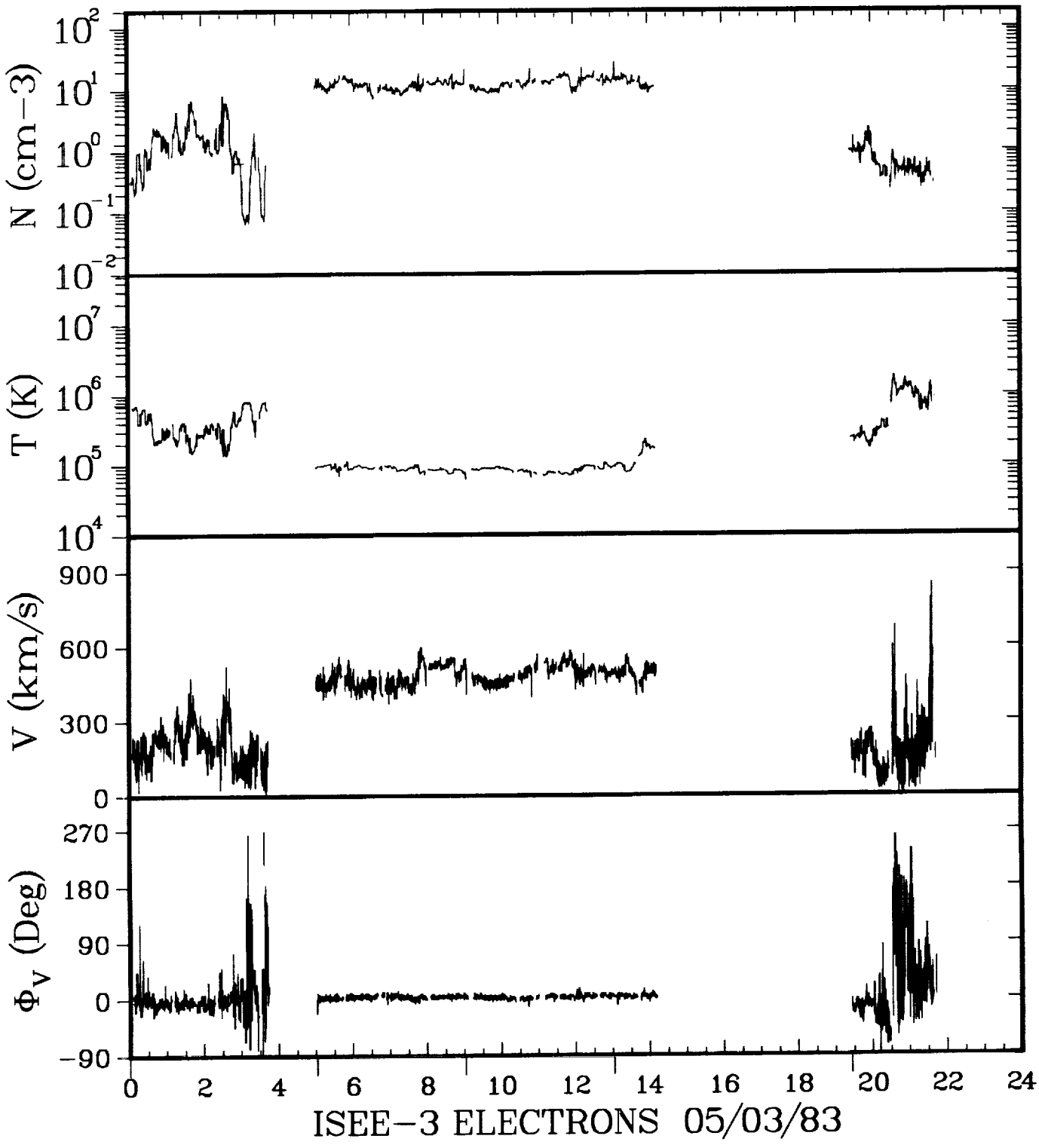
GSEX	-108.4	-109.8	-111.1	-112.4	-113.8
Y	30.7	30.2	29.8	29.4	28.9
Z	0.5	0.3	0.1	-0.1	-0.3
GSMY	26.9	28.8	29.6	29.1	26.9
Z	14.8	9.1	3.9	4.2	10.5



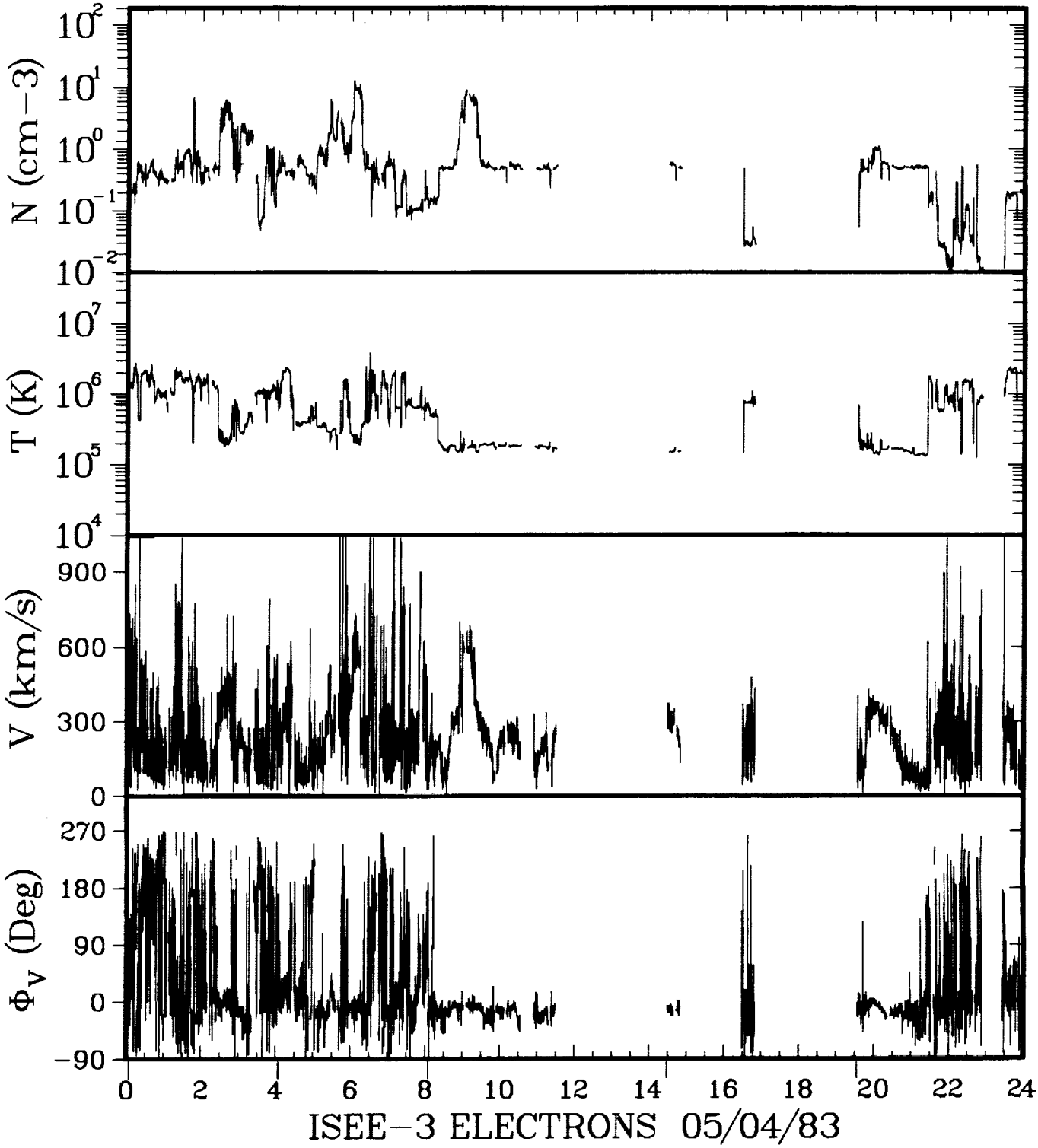
GSEX	-115.8	-117.0	-118.2	-119.4	-120.5	-121.7
Y	28.2	27.8	27.4	27.0	26.5	26.1
Z	-0.6	-0.8	-1.0	-1.2	-1.4	-1.6
GSMY	24.9	26.4	27.2	26.9	25.9	23.8
Z	13.3	8.7	3.2	1.9	6.2	10.9



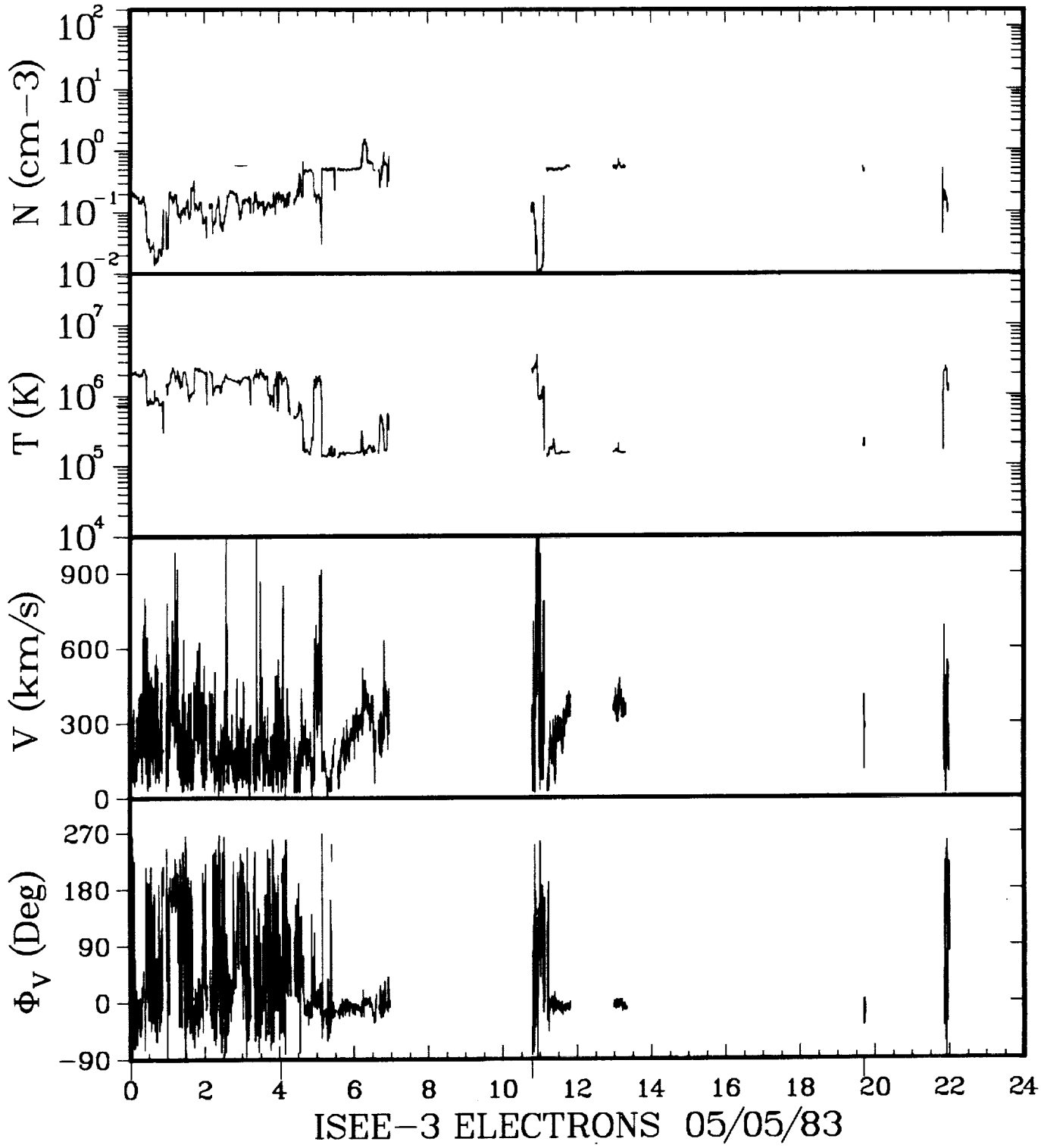
GSEX	-122.8	-124.6	-125.7	-126.8	-128.0
Y	25.7	25.1	24.7	24.3	23.8
Z	-1.8	-2.1	-2.3	-2.5	-2.7
GSMY	23.3	24.9	24.8	24.3	22.5
Z	11.0	3.3	0.2	2.3	8.1



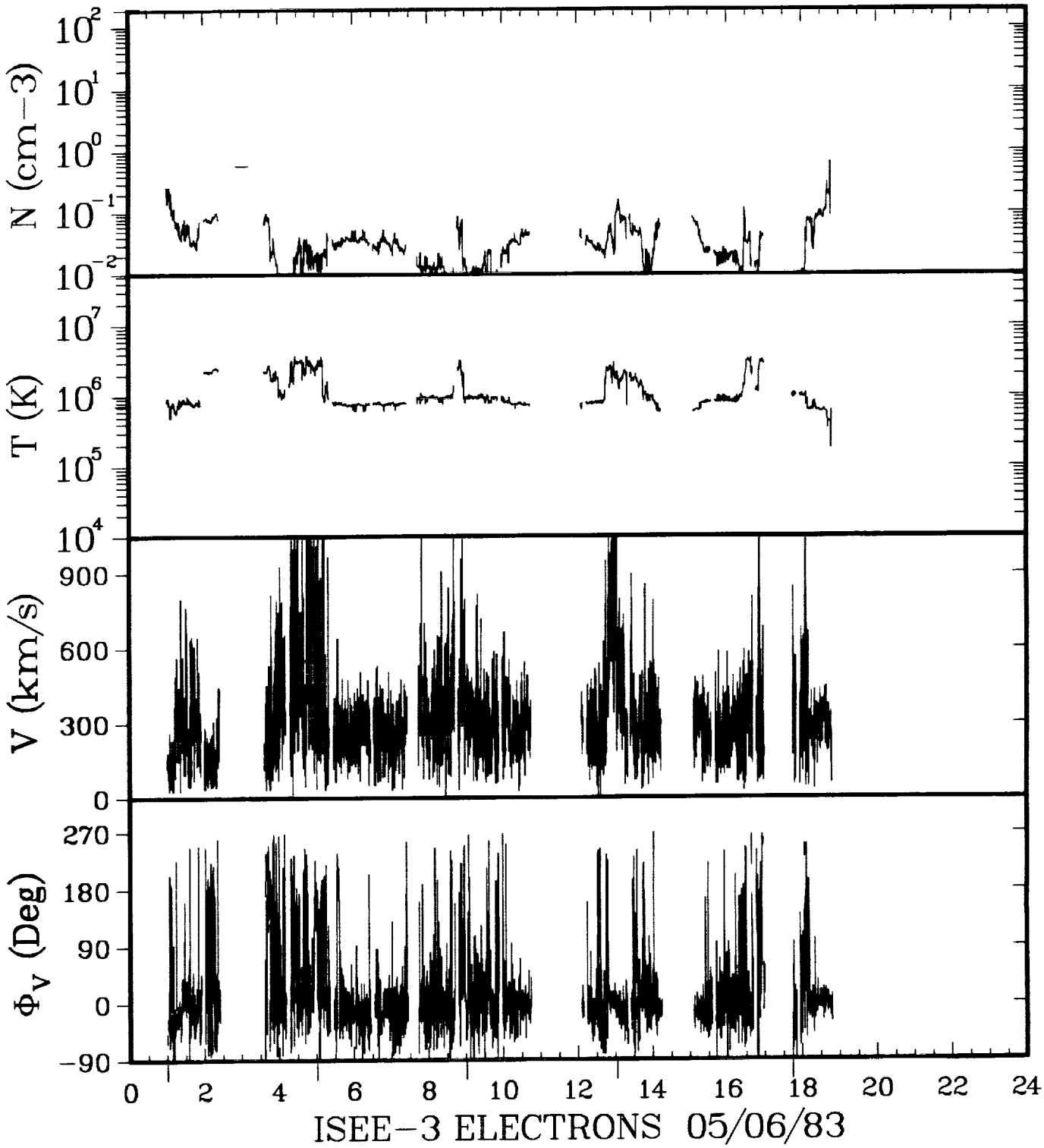
GSEX	-129.3	-130.6	-131.6	-132.6	-134.2
Y	23.3	22.8	22.5	22.1	21.5
Z	-2.9	-3.2	-3.4	-3.5	-3.8
GSMY	21.8	22.8	22.7	22.4	20.9
Z	8.8	3.4	-0.7	-0.6	6.1



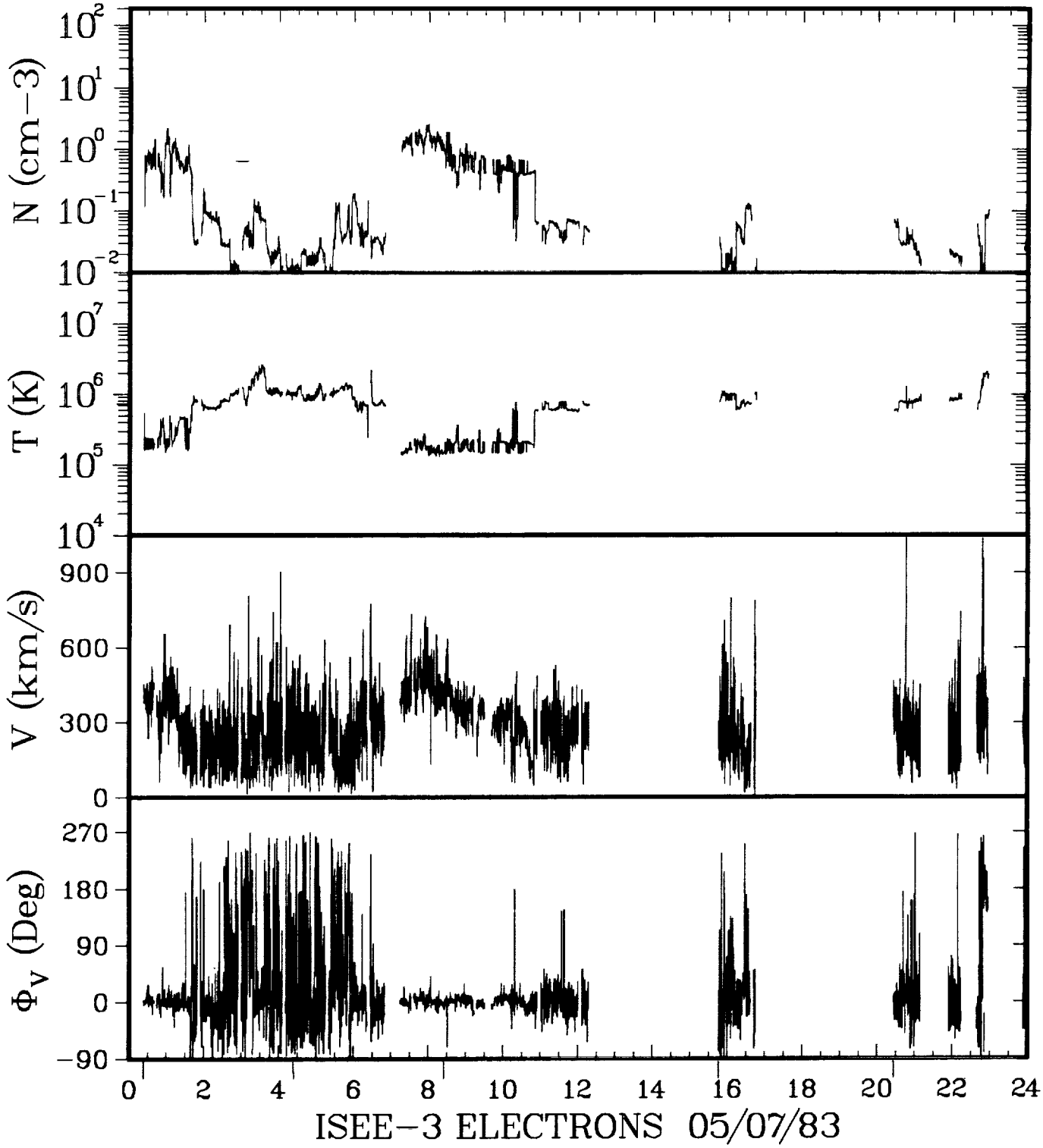
GSEX	-135.3	-136.3	-137.2	-138.7	-139.8
Y	21.1	20.7	20.3	19.7	19.3
Z	-4.1	-4.2	-4.4	-4.7	-4.9
GSMY	20.4	20.9	20.7	20.3	19.5
Z	6.5	2.7	-1.6	-1.0	4.2



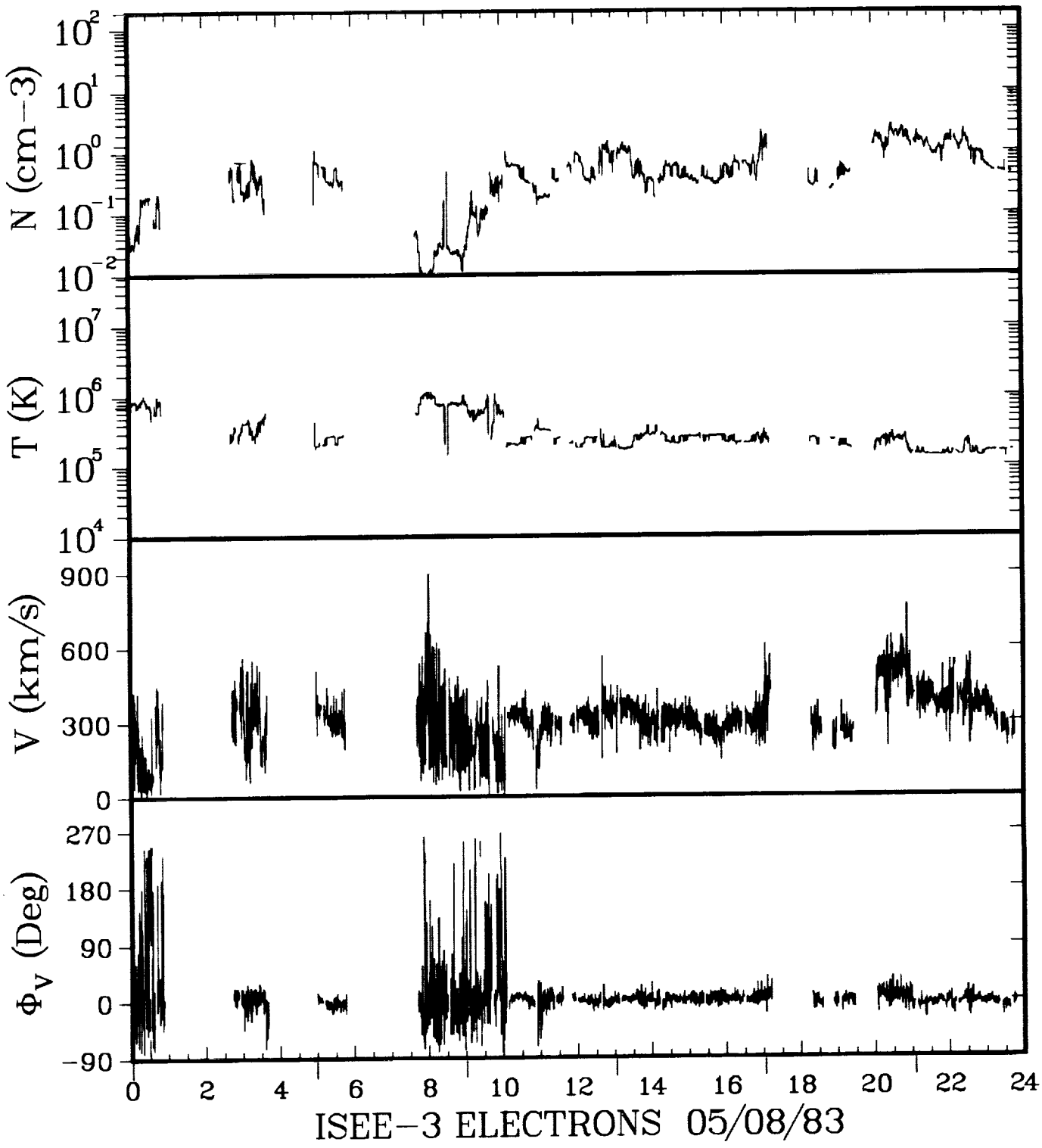
GSEX	-140.8	-141.7	-143.2	-145.1
Y	18.9	18.6	18.0	17.3
Z	-5.2	-5.3	-5.6	-6.0
GSMY	19.1	19.3	18.4	18.1
Z	4.5	1.0	-4.1	2.3



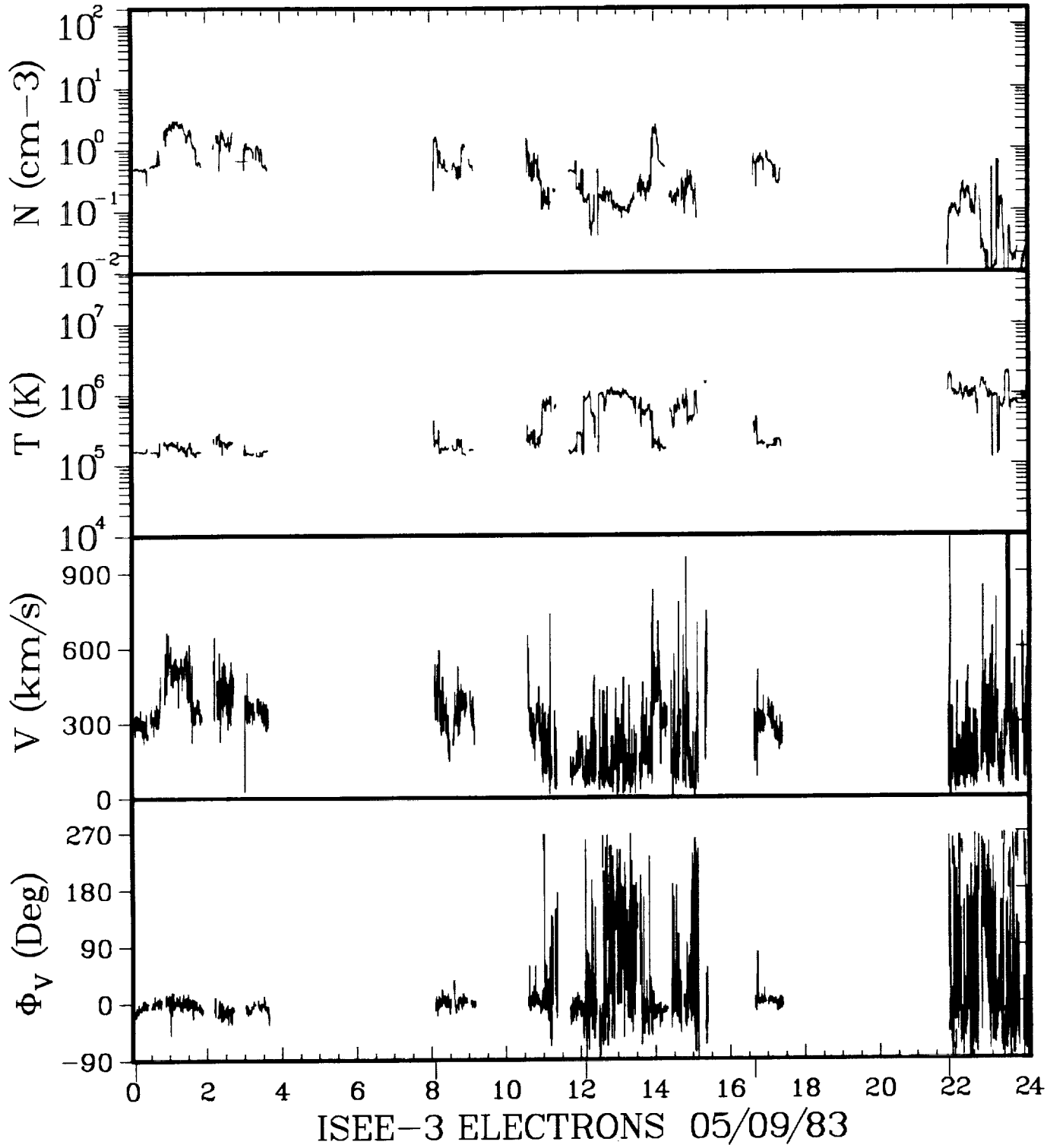
GSEX	-146.2	-147.1	-147.9	-148.7	-149.7
Y	16.8	16.5	16.2	15.9	15.5
Z	-6.3	-6.5	-6.6	-6.8	-7.0
GSMY	17.8	17.6	16.8	16.6	17.0
Z	1.9	-1.8	-4.9	-4.9	-1.0



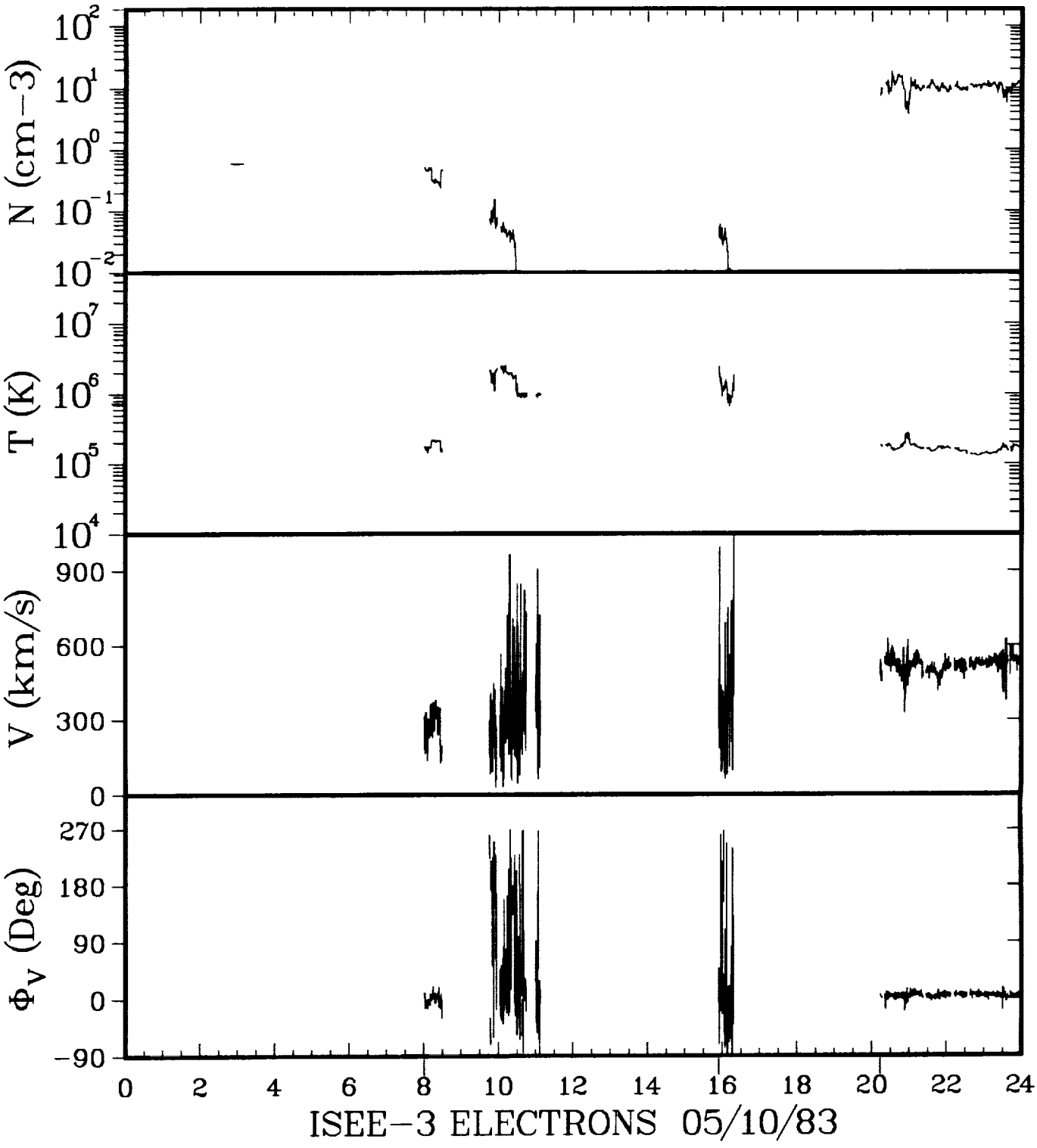
GSEX	-151.0	-151.7	-152.5	-153.9	-154.8
Y	15.0	14.7	14.4	13.9	13.6
Z	-7.3	-7.5	-7.6	-8.0	-8.2
GSMY	16.7	16.3	15.2	15.4	15.8
Z	0.4	-2.8	-6.0	-4.4	-1.0



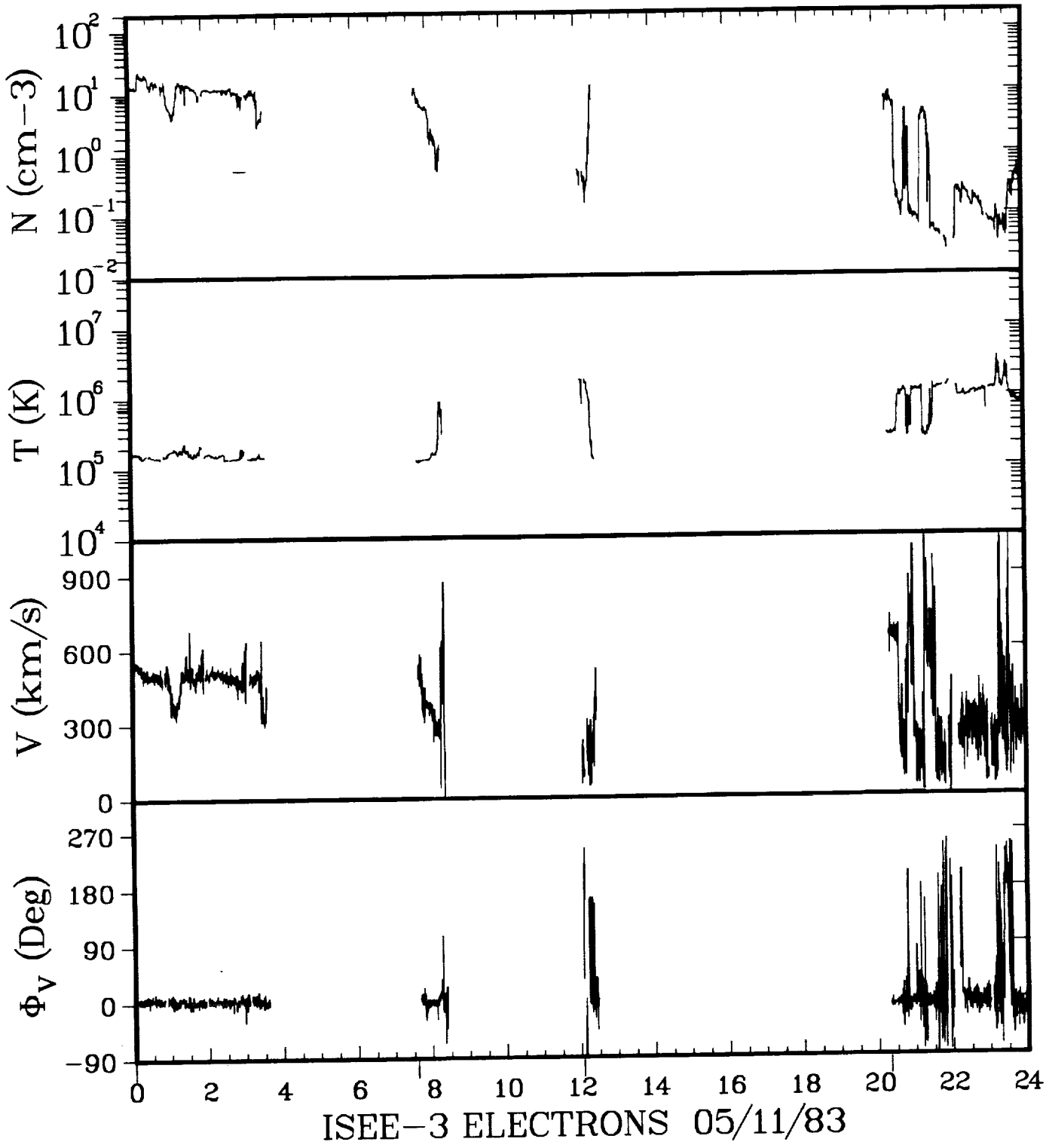
GSEX	-155.4	-156.3	-157.1	-157.8	-158.5	-159.2
Y	13.3	13.0	12.7	12.4	12.2	11.9
Z	-8.3	-8.5	-8.7	-8.8	-9.0	-9.2
GSMY	15.6	14.7	13.4	13.3	14.4	14.8
Z	-1.2	-4.8	-7.5	-7.5	-4.8	-2.5



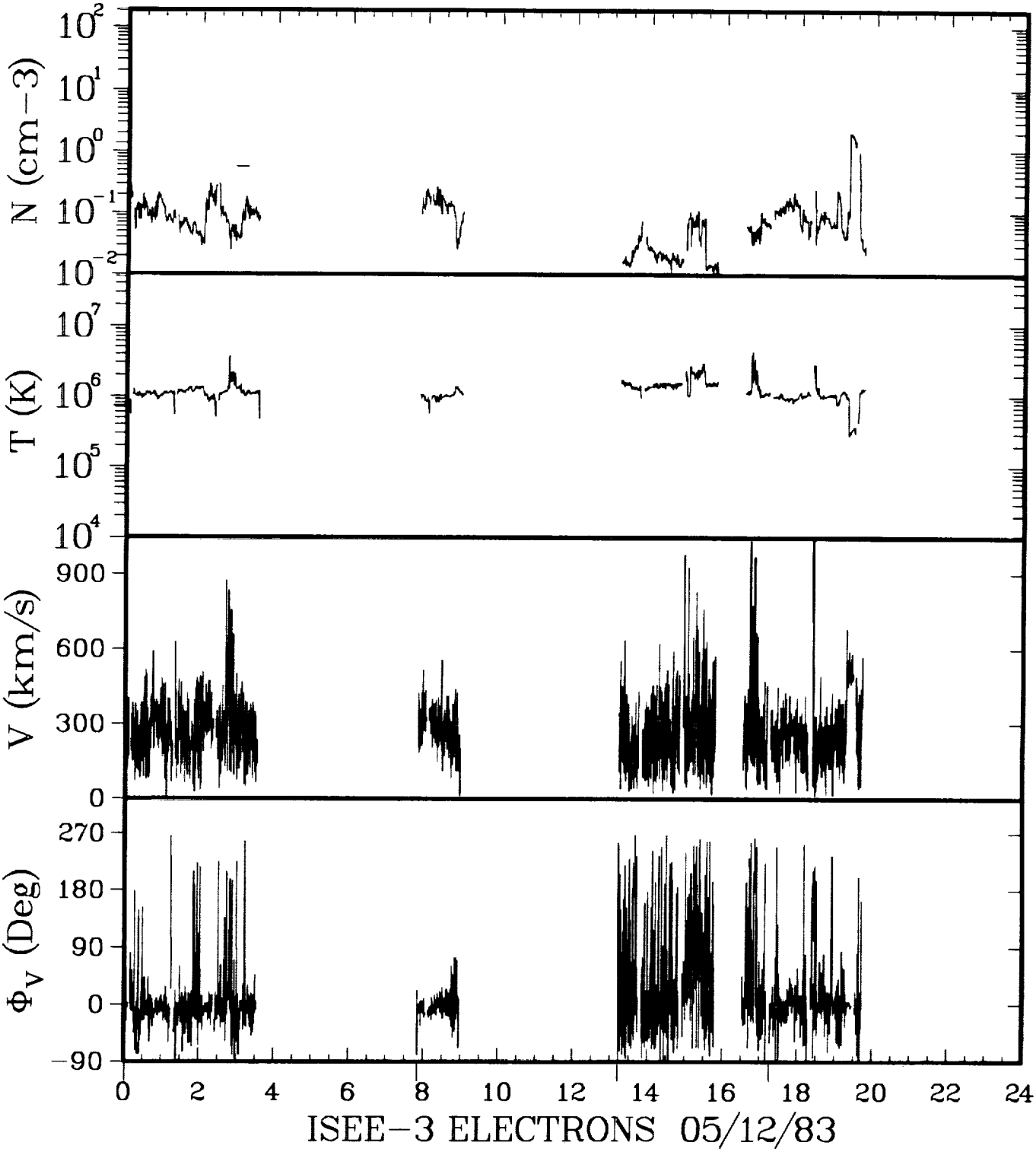
GSEX	-159.7	-161.1	-161.8	-162.6	-163.4
Y	11.7	11.2	11.0	10.7	10.4
Z	-9.3	-9.6	-9.8	-10.0	-10.2
GSMY	14.7	12.2	11.7	13.1	14.0
Z	-2.9	-8.3	-8.9	-6.5	-4.0



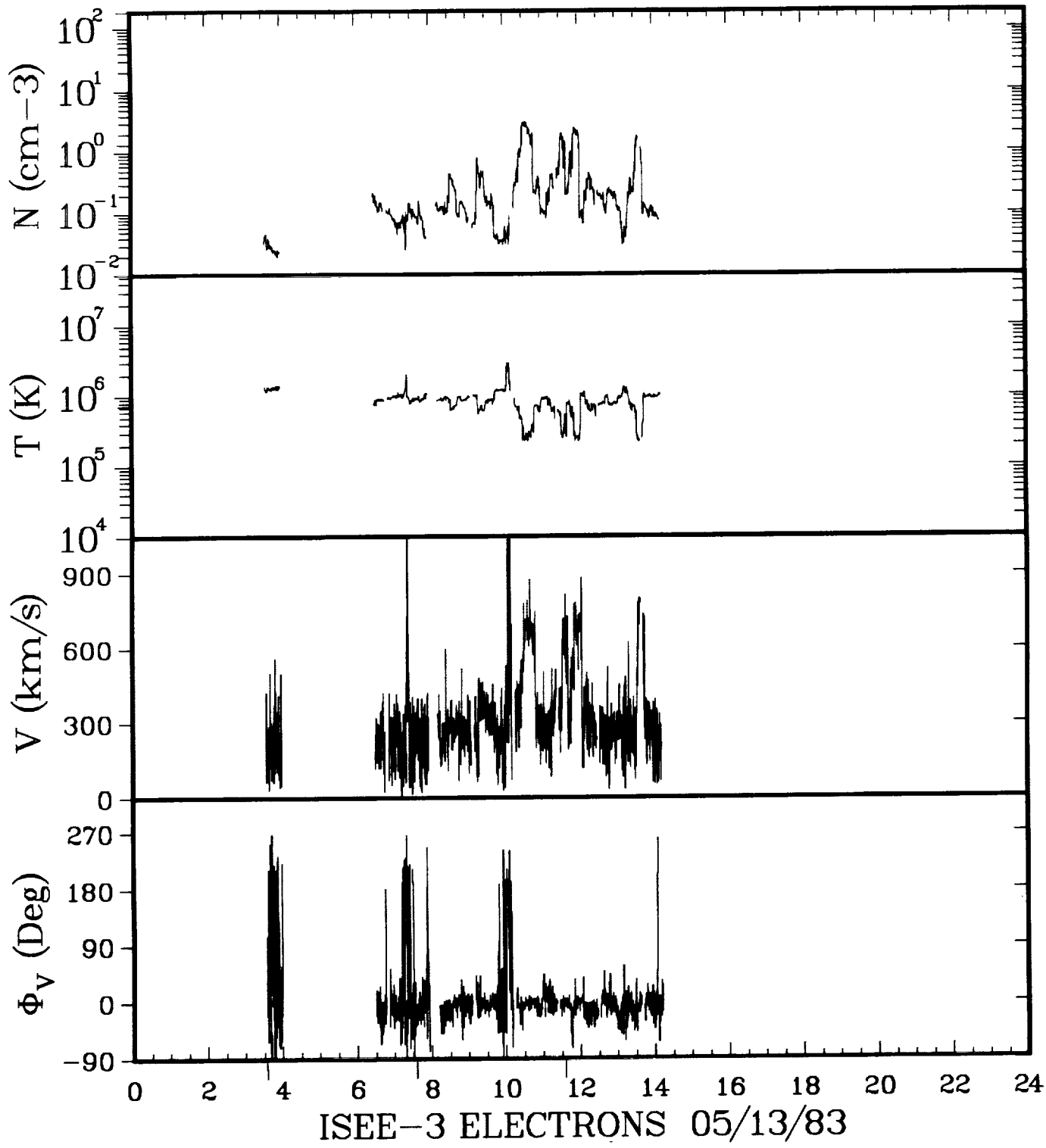
GSEX	-165.1	-166.3	-167.0
Y	9.8	9.4	9.1
Z	-10.6	-10.9	-11.0
GSMY	10.9	11.6	13.1
Z	-9.4	-8.4	-5.8



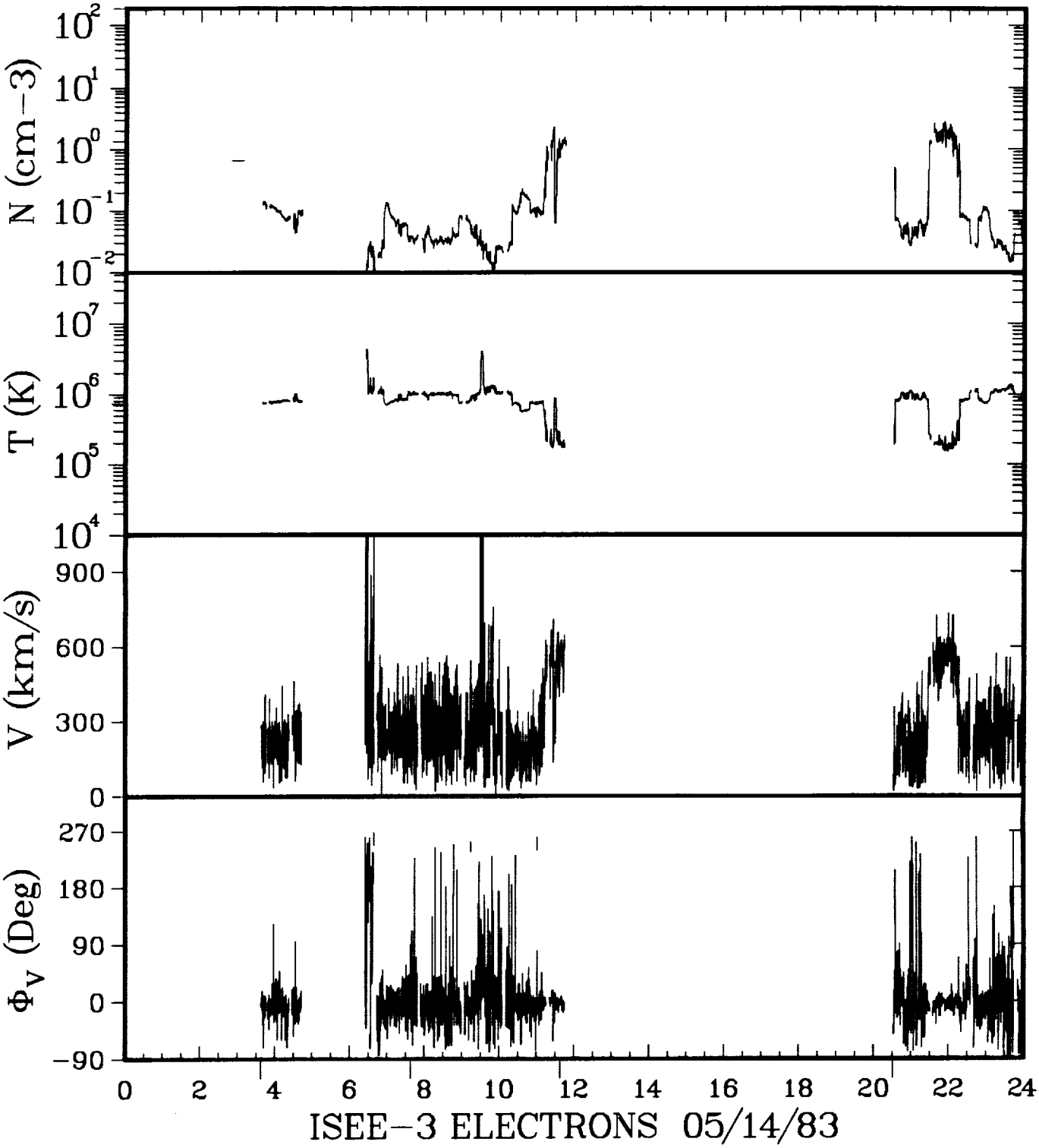
GSEX	-167.6	-168.8	-169.5	-170.7
Y	8.9	8.5	8.3	7.9
Z	-11.2	-11.5	-11.6	-11.9
GSMY	13.0	9.9	9.0	12.3
Z	-5.9	-10.3	-11.1	-7.2



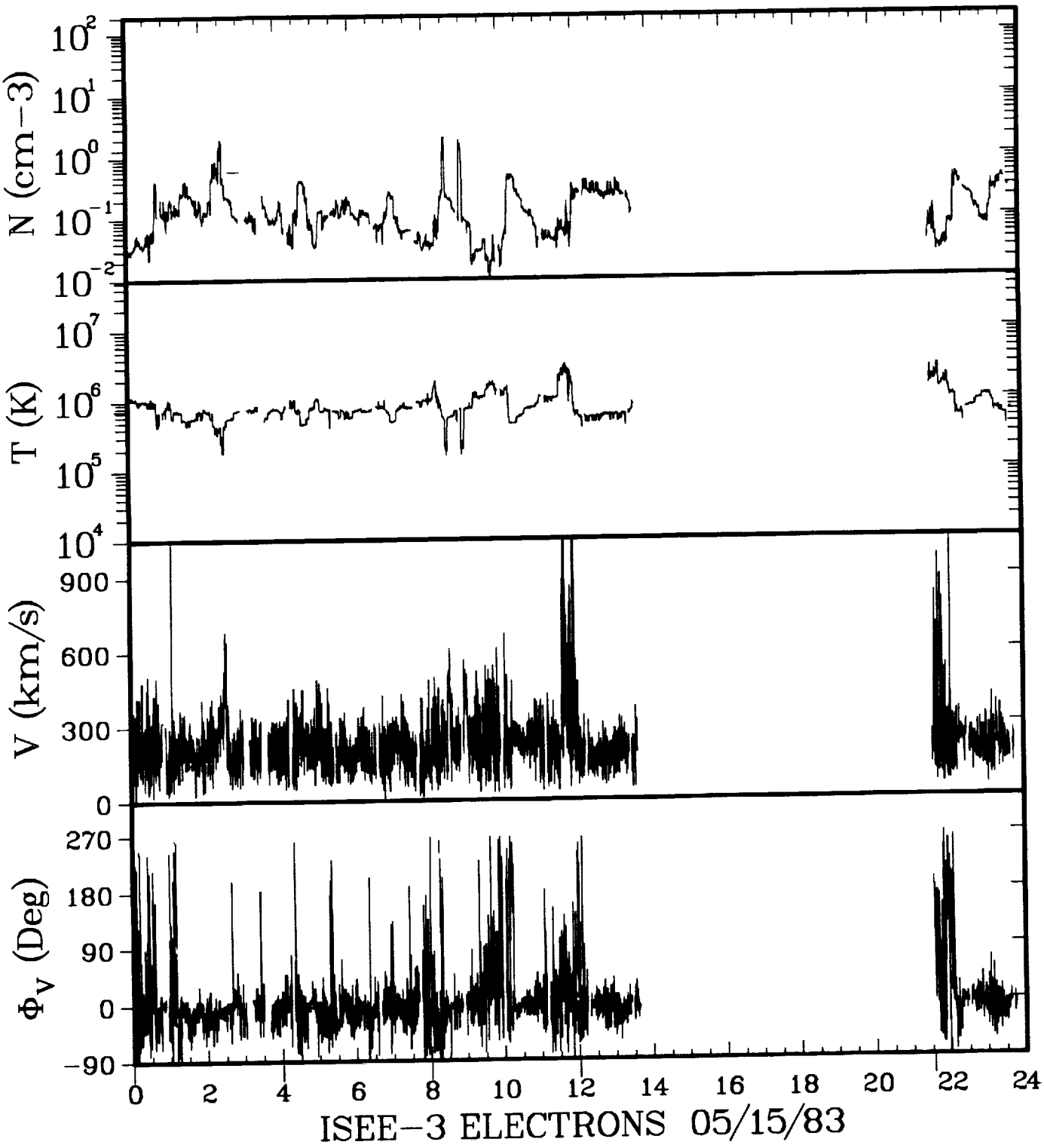
GSEX	-171.3	-172.4	-173.2	-173.8
Y	7.7	7.3	7.1	6.9
Z	-12.1	-12.4	-12.5	-12.7
GSMY	12.3	8.6	8.2	10.4
Z	-7.4	-11.5	-11.9	-10.0



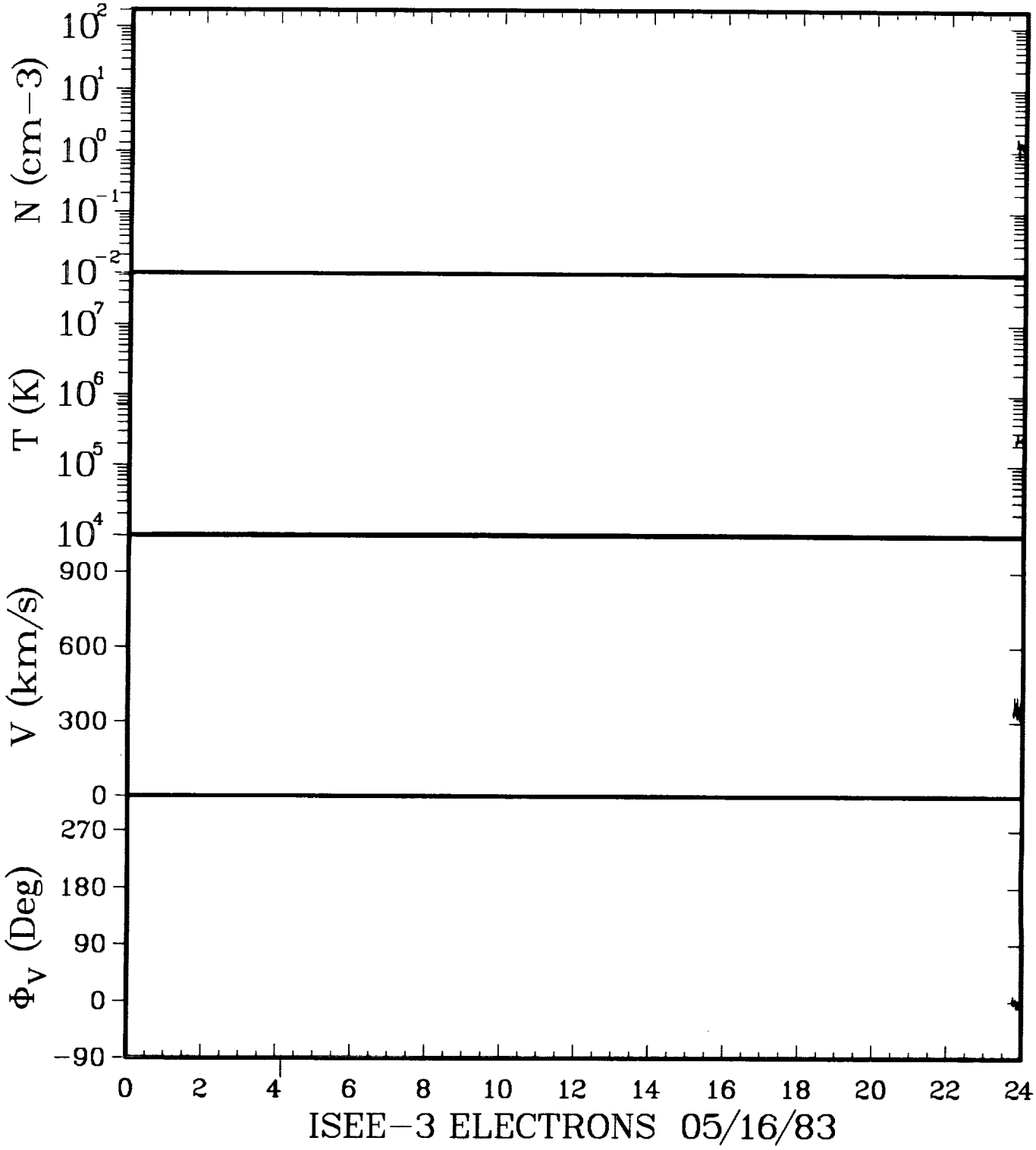
GSEX	-175.3	-175.8	-176.4
Y	6.4	6.3	6.1
Z	-13.1	-13.2	-13.3
GSMY	10.2	7.7	6.7
Z	-10.4	-12.4	-13.0



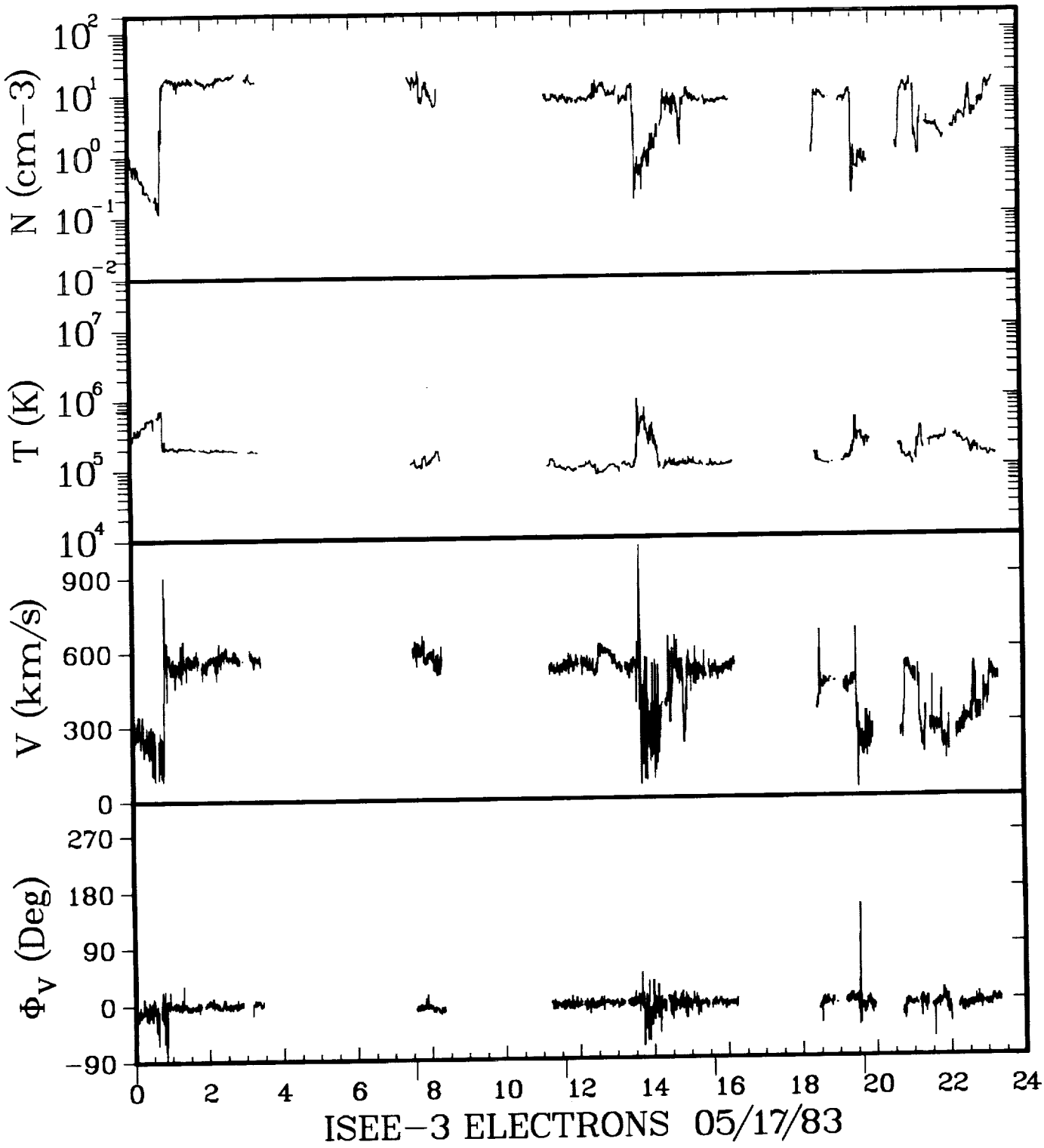
GSEX	-178.6	-179.2	-179.7	-180.9
Y	5.4	5.3	5.1	4.8
Z	-13.9	-14.0	-14.1	-14.4
GSMY	9.4	6.7	5.7	10.6
Z	-11.6	-13.4	-13.9	-10.9



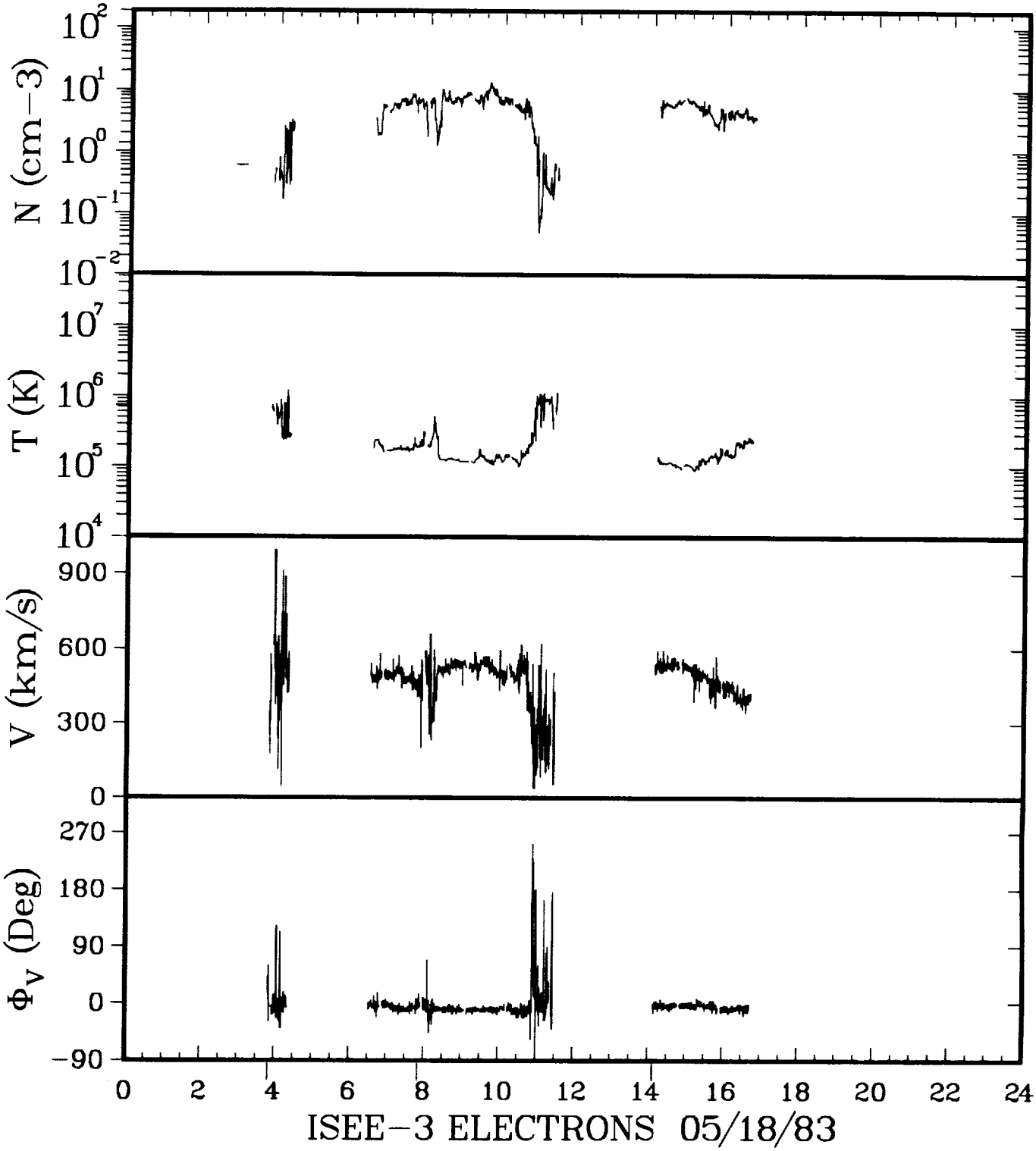
GSEX	-181.3	-181.8	-182.4	-182.9	-184.1
Y	4.7	4.5	4.4	4.2	3.9
Z	-14.6	-14.7	-14.8	-14.9	-15.2
GSMY	10.5	8.4	5.6	4.9	10.3
Z	-11.1	-12.9	-14.4	-14.7	-11.9



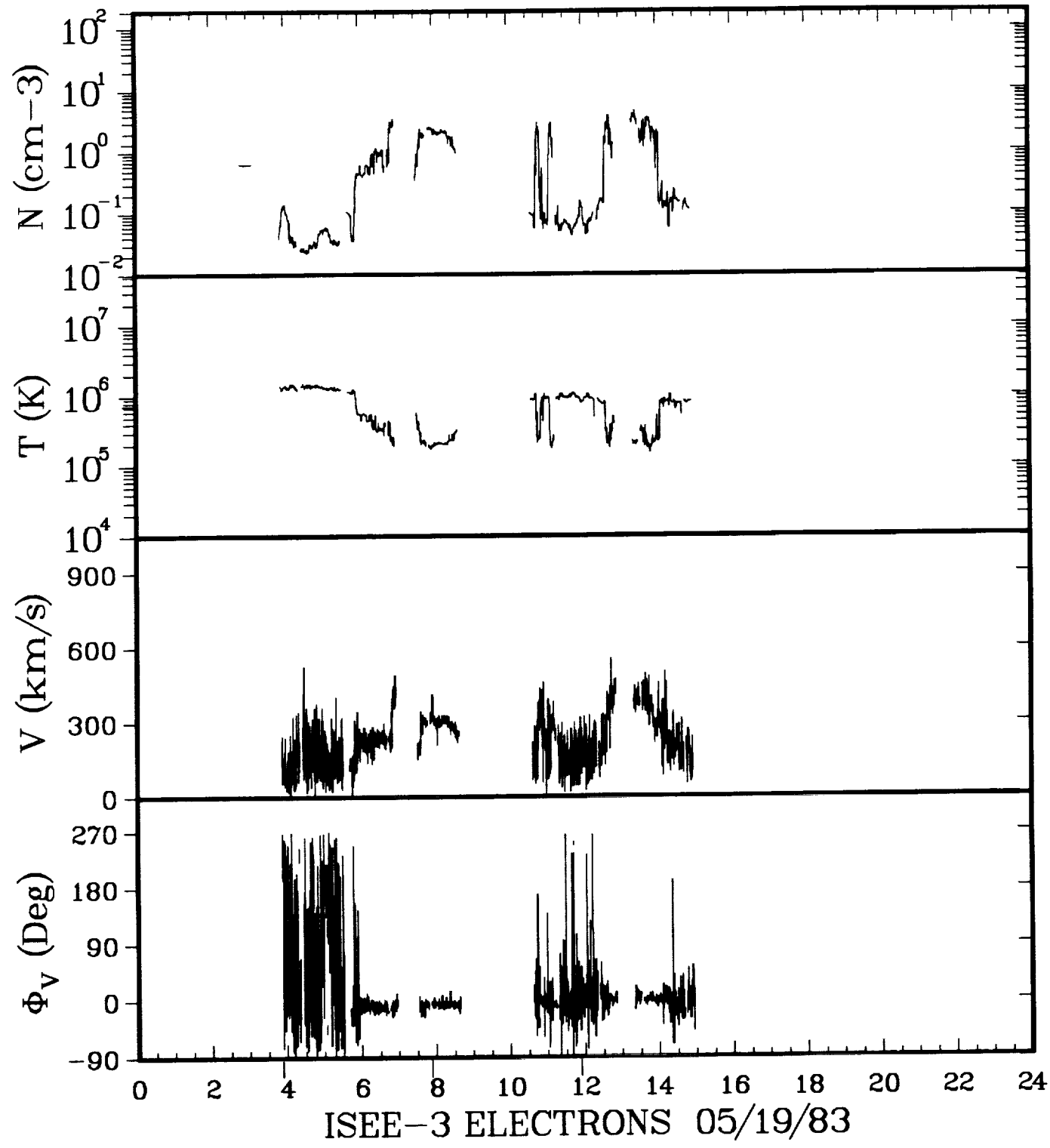
GSEX	-184.9
Y	3.7
Z	-15.4
GSMY	7.6
Z	-13.9



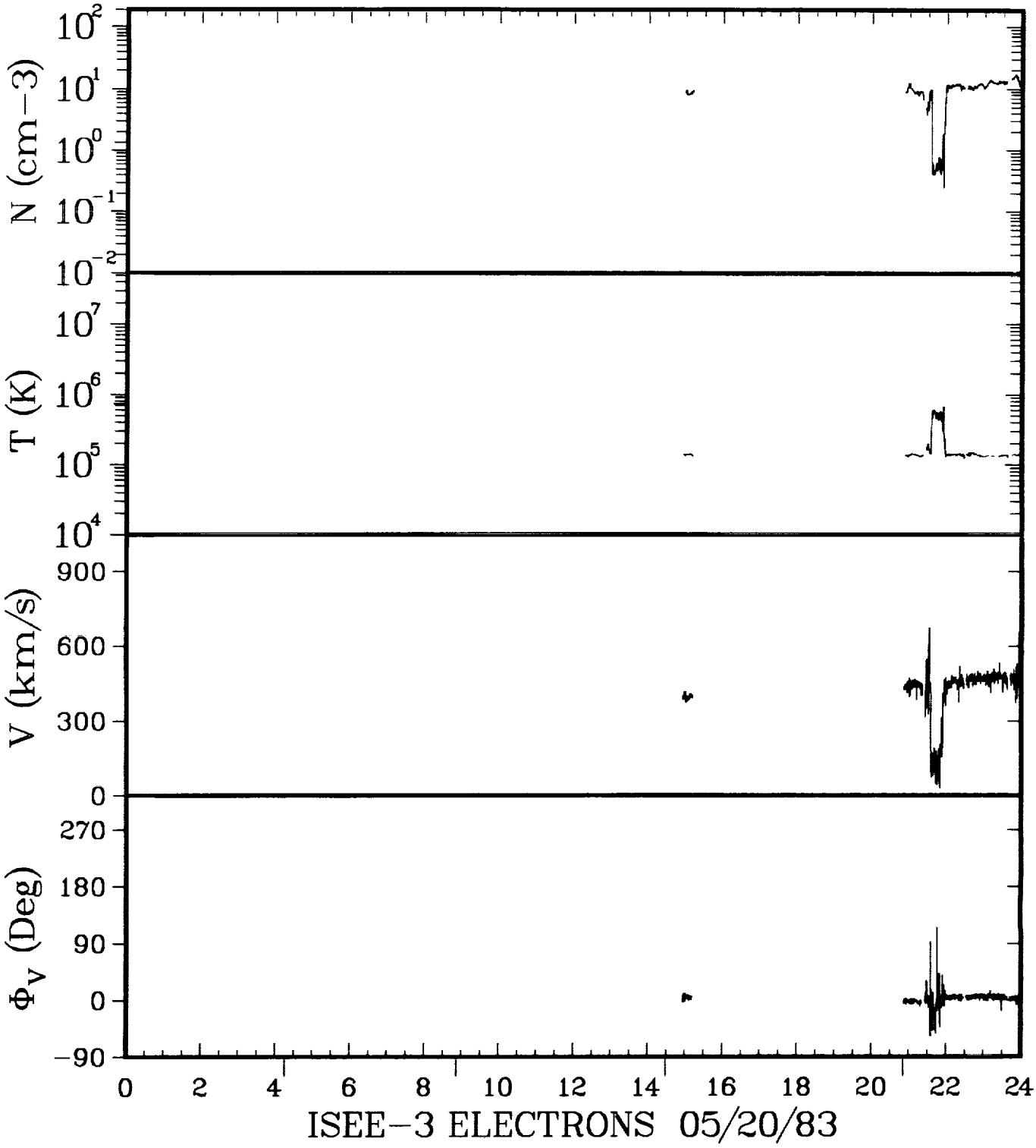
GSEX	-187.4	-188.3	-188.7	-189.2	-189.7
Y	3.0	2.8	2.7	2.6	2.5
Z	-16.0	-16.3	-16.4	-16.5	-16.6
GSMY	9.6	4.3	3.1	5.5	8.8
Z	-13.2	-15.9	-16.3	-15.8	-14.3



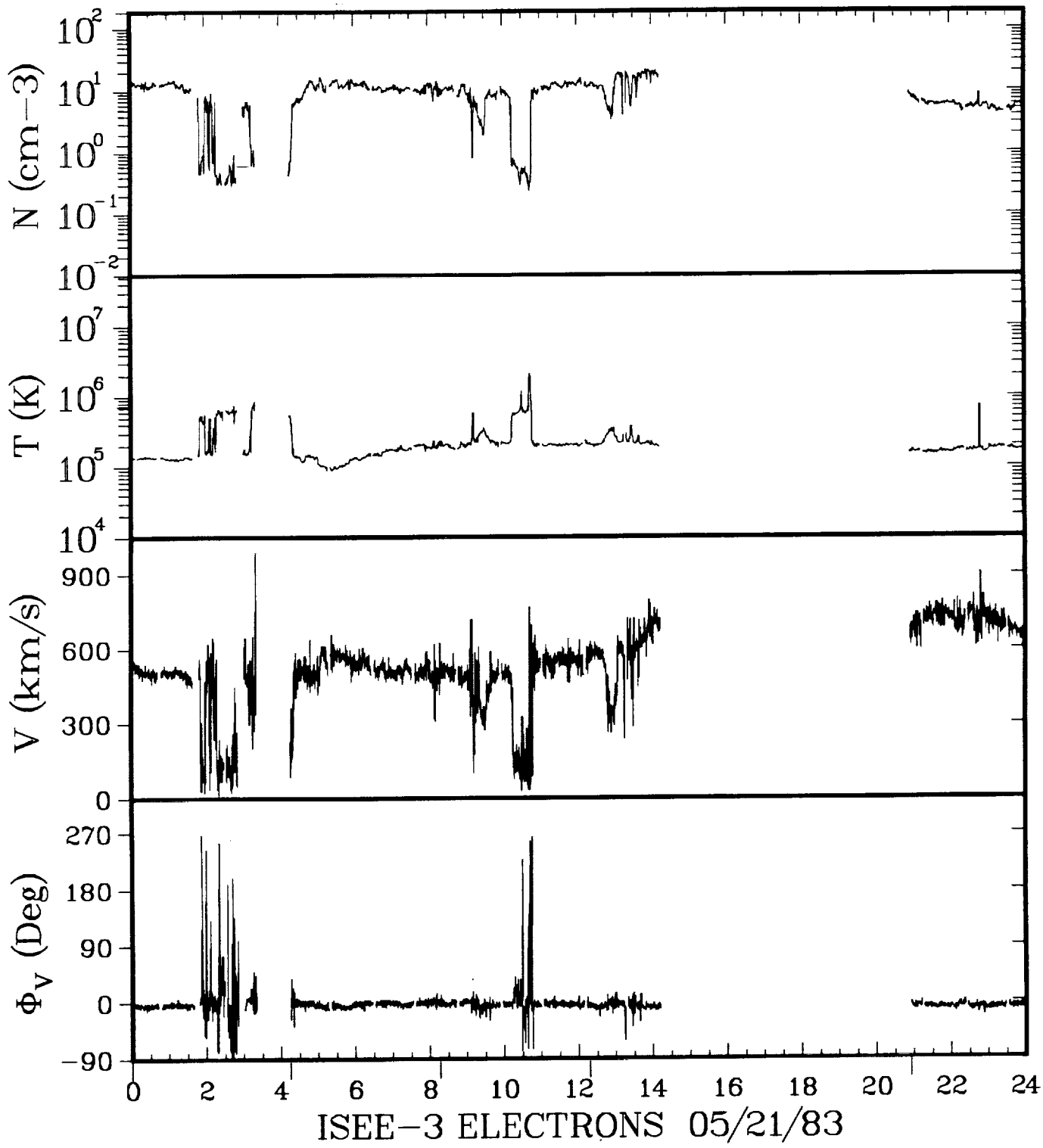
GSEX	-190.6	-191.1	-191.8
Y	2.2	2.1	1.9
Z	-16.9	-17.0	-17.1
GSMY	6.7	3.3	3.5
Z	-15.6	-16.8	-16.9



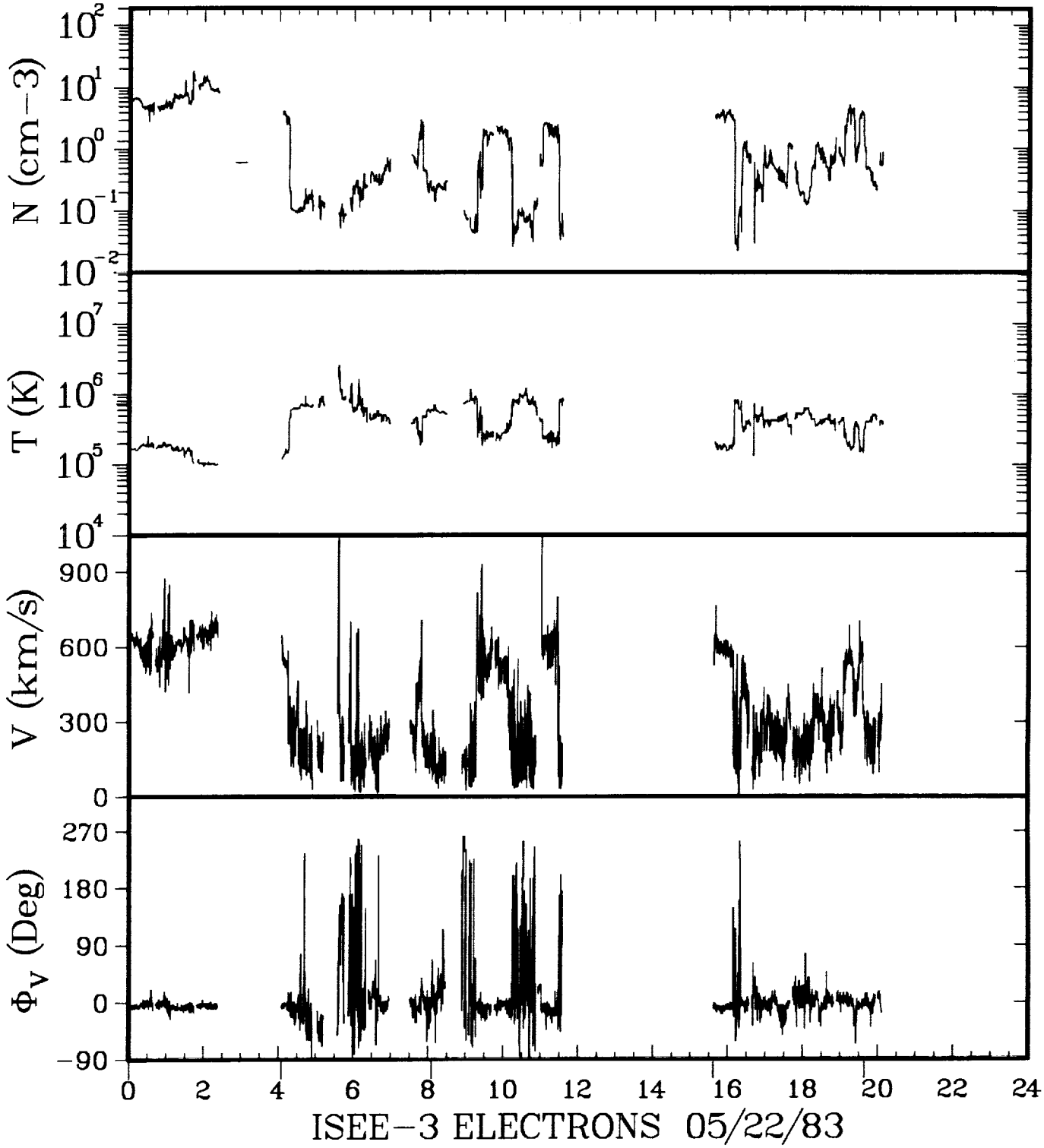
GSEX	-193.3	-193.8	-194.2
Y	1.5	1.4	1.3
Z	-17.5	-17.6	-17.7
GSMY	6.1	2.6	1.6
Z	-16.5	-17.5	-17.7



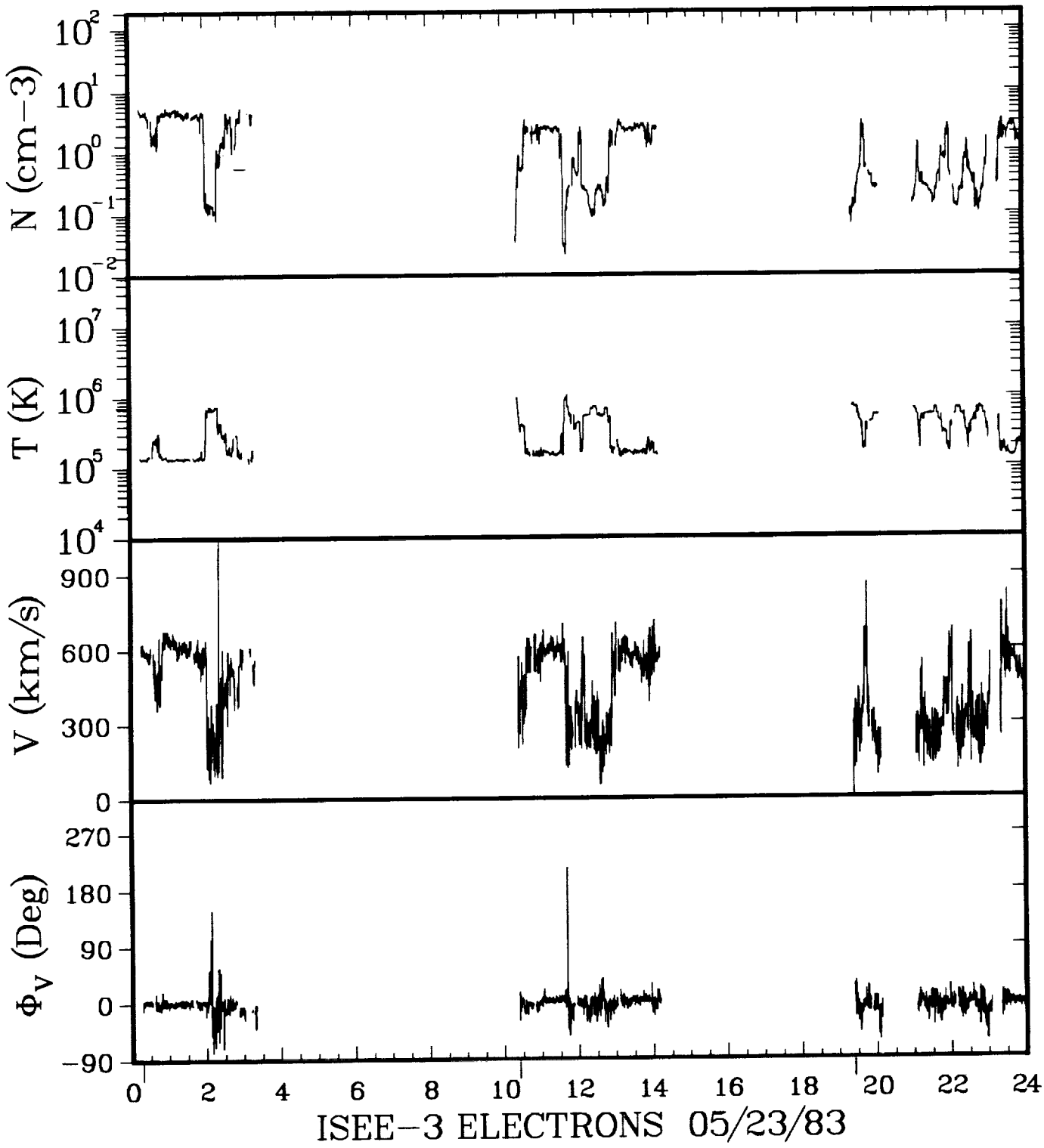
GSEX	-196.0	-196.4	-197.0	-197.7
Y	0.9	0.8	0.7	0.5
Z	-18.2	-18.3	-18.4	-18.6
GSMY	5.1	1.3	2.5	8.1
Z	-17.4	-18.2	-18.3	-16.7



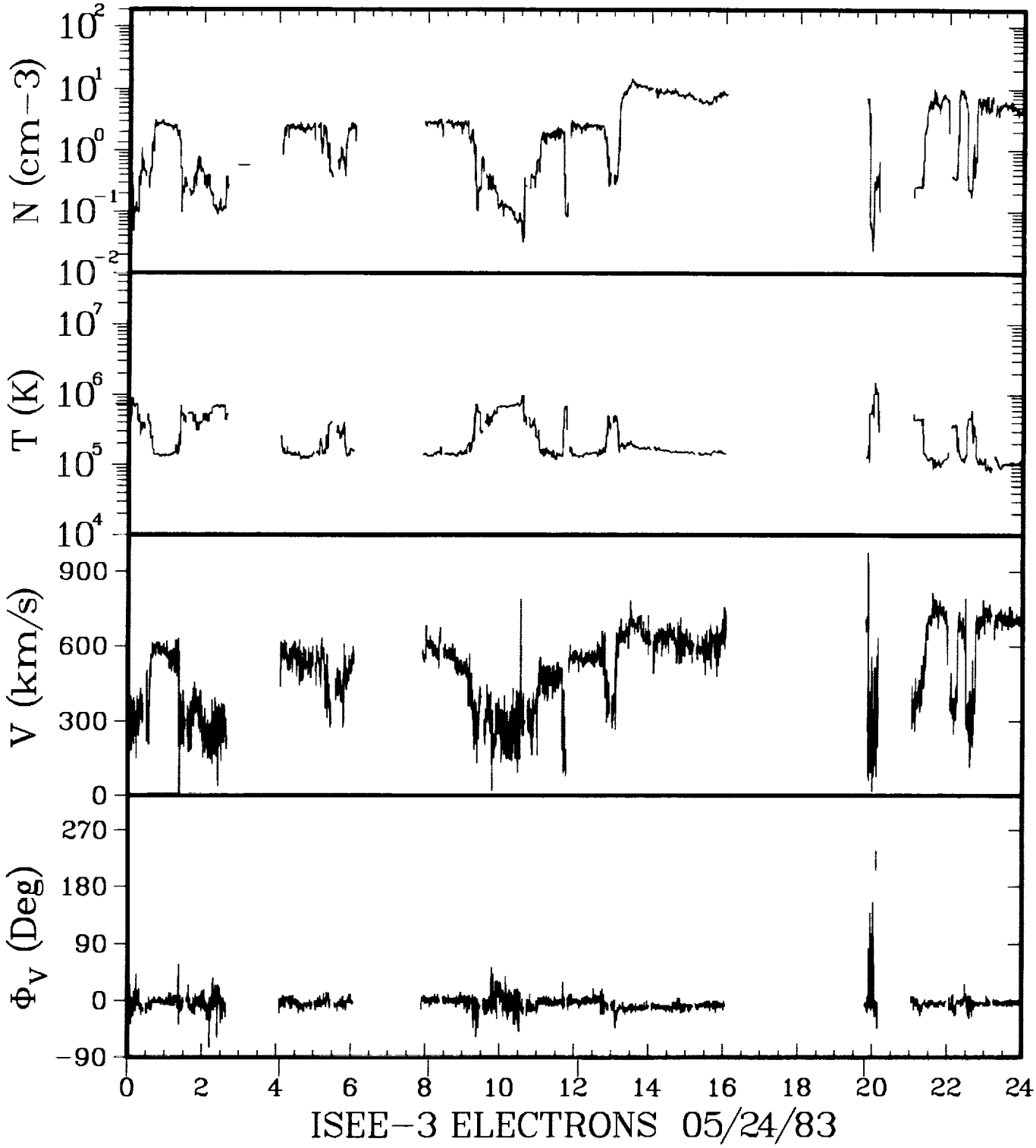
GSEX	-198.0	-198.4	-198.8	-199.2	-200.1
Y	0.4	0.3	0.2	0.1	0.0
Z	-18.7	-18.8	-18.9	-19.0	-19.2
GSMY	7.9	4.6	1.0	0.3	7.7
Z	-16.9	-18.2	-18.8	-19.0	-17.5



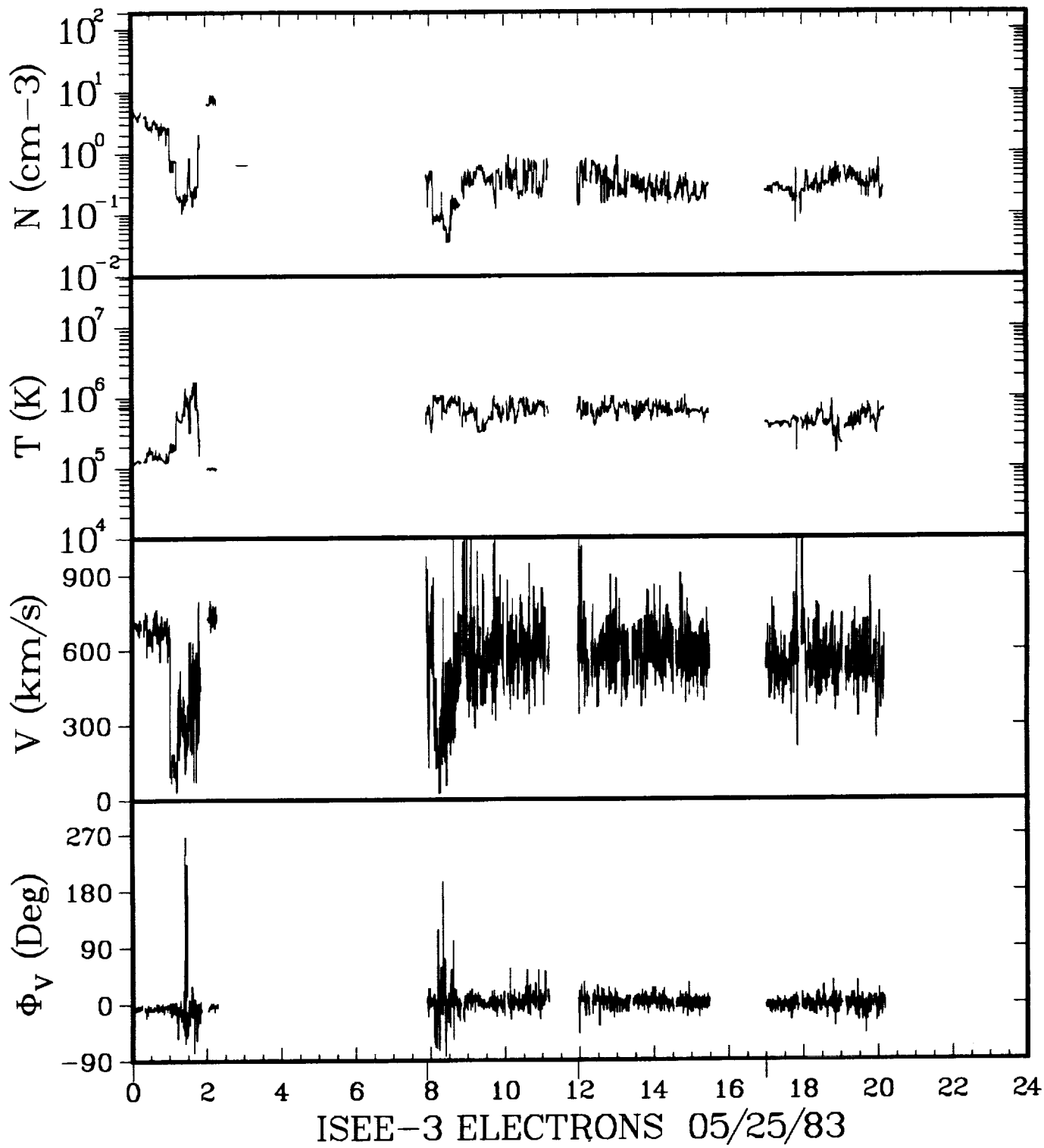
GSEX	-200.4	-200.7	-201.1	-201.8	-202.2
Y	-0.1	-0.2	-0.3	-0.4	-0.5
Z	-19.2	-19.3	-19.4	-19.6	-19.7
GSMY	7.5	4.3	0.5	2.5	6.7
Z	-17.7	-18.9	-19.4	-19.5	-18.5



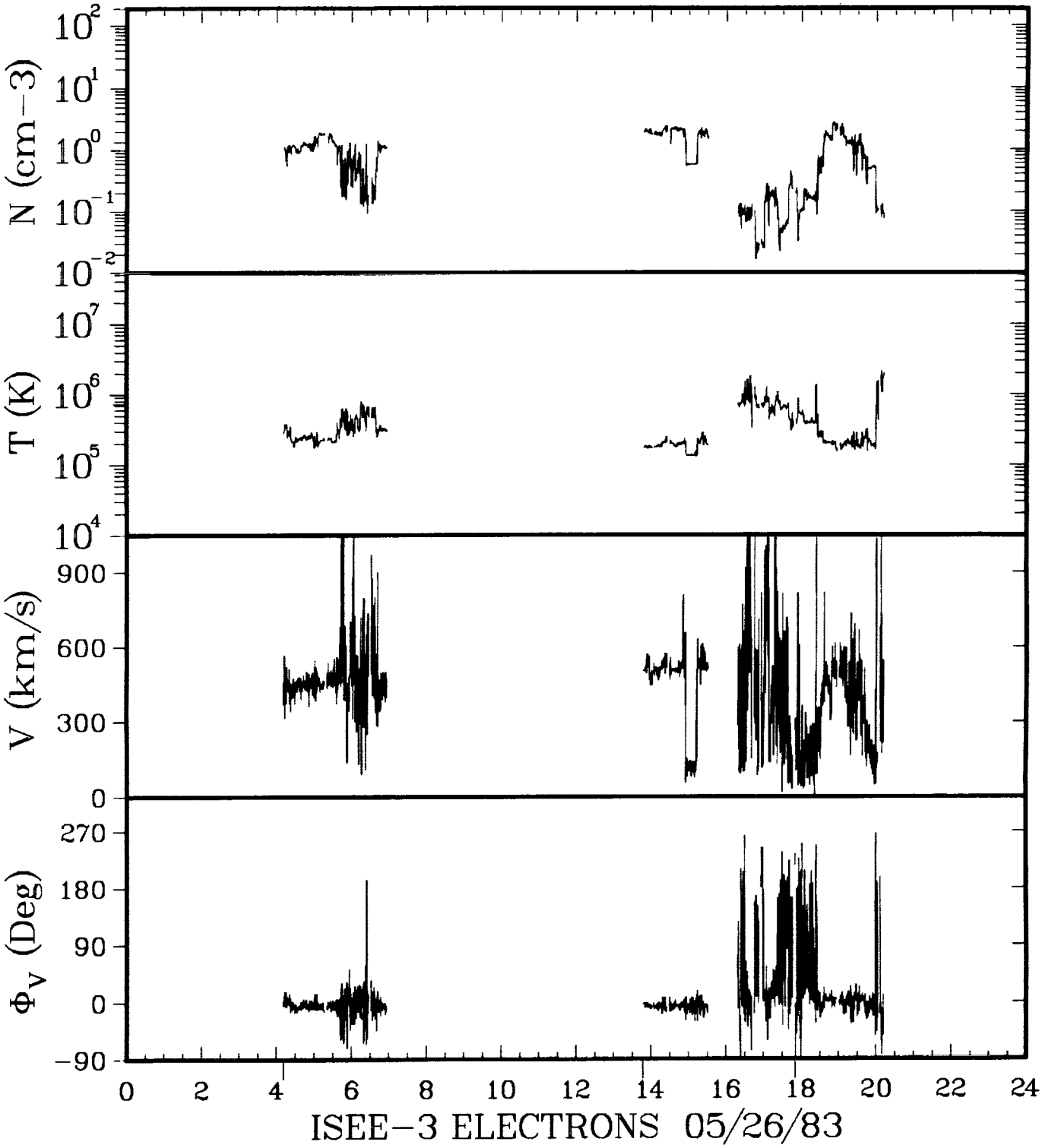
GSEX	-202.6	-203.5	-204.3
Y	-0.6	-0.8	-1.0
Z	-19.8	-20.0	-20.2
GSMY	7.1	-1.1	6.2
Z	-18.5	-20.0	-19.3



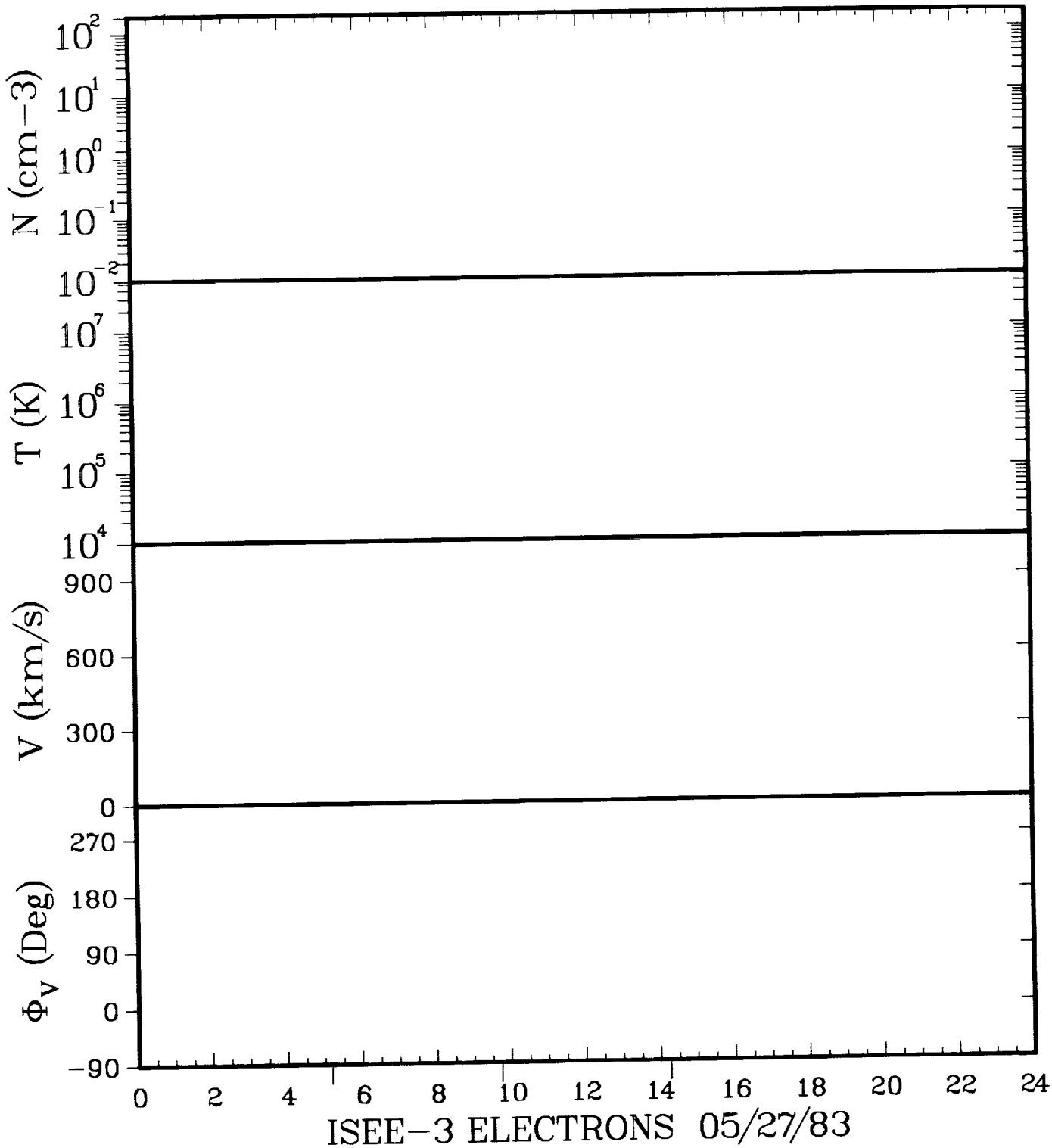
GSEX	-204.7	-205.1	-205.4	-205.7	-206.4
Y	-1.1	-1.1	-1.2	-1.3	-1.4
Z	-20.3	-20.4	-20.5	-20.6	-20.7
GSMY	6.9	3.4	-0.7	-1.5	6.2
Z	-19.1	-20.1	-20.5	-20.5	-19.8



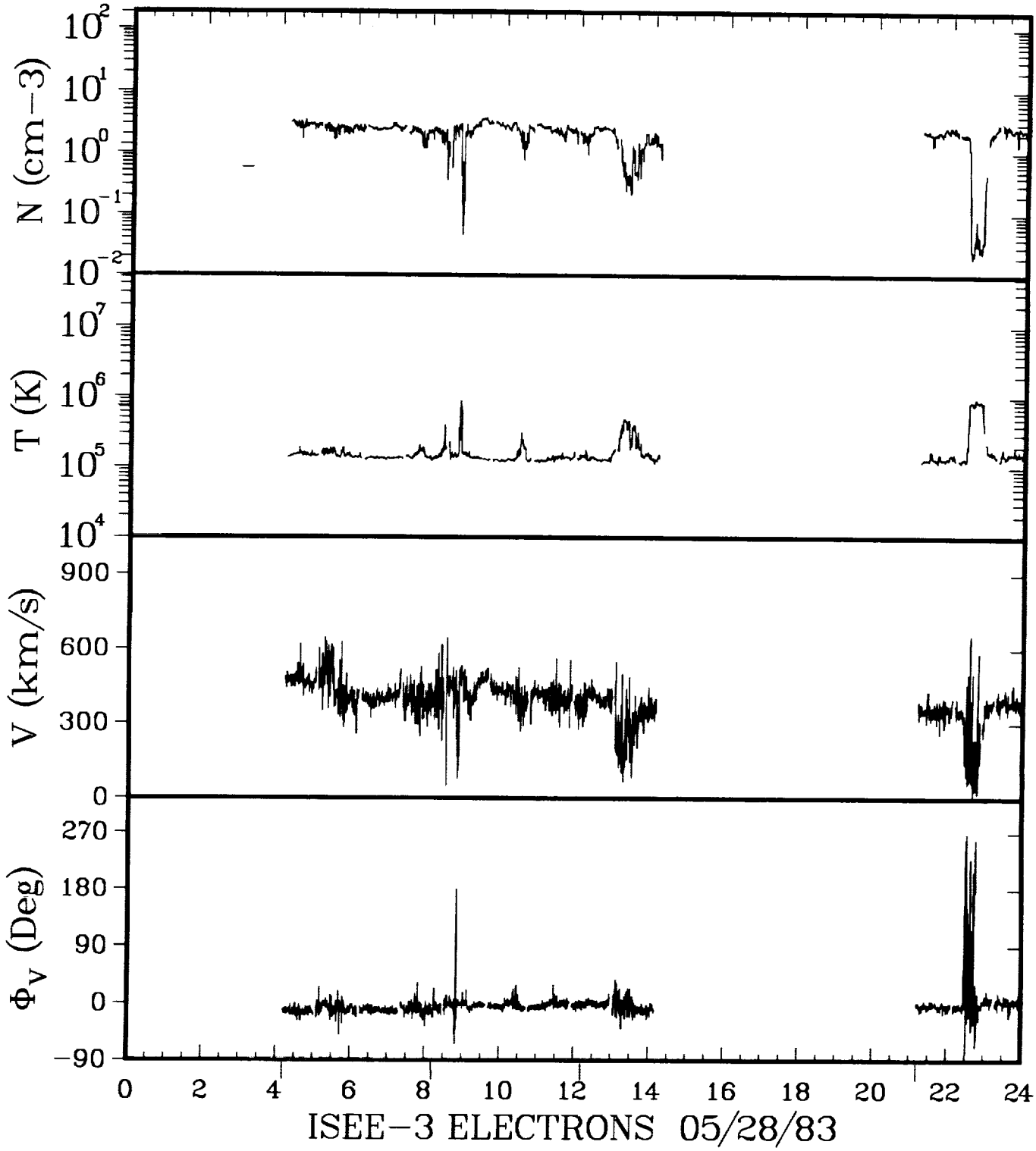
GSEX	-206.7	-207.3	-207.7	-208.1
Y	-1.5	-1.6	-1.7	-1.7
Z	-20.8	-21.0	-21.0	-21.1
GSMY	6.6	-1.0	-2.1	2.8
Z	-19.8	-21.0	-21.0	-21.0



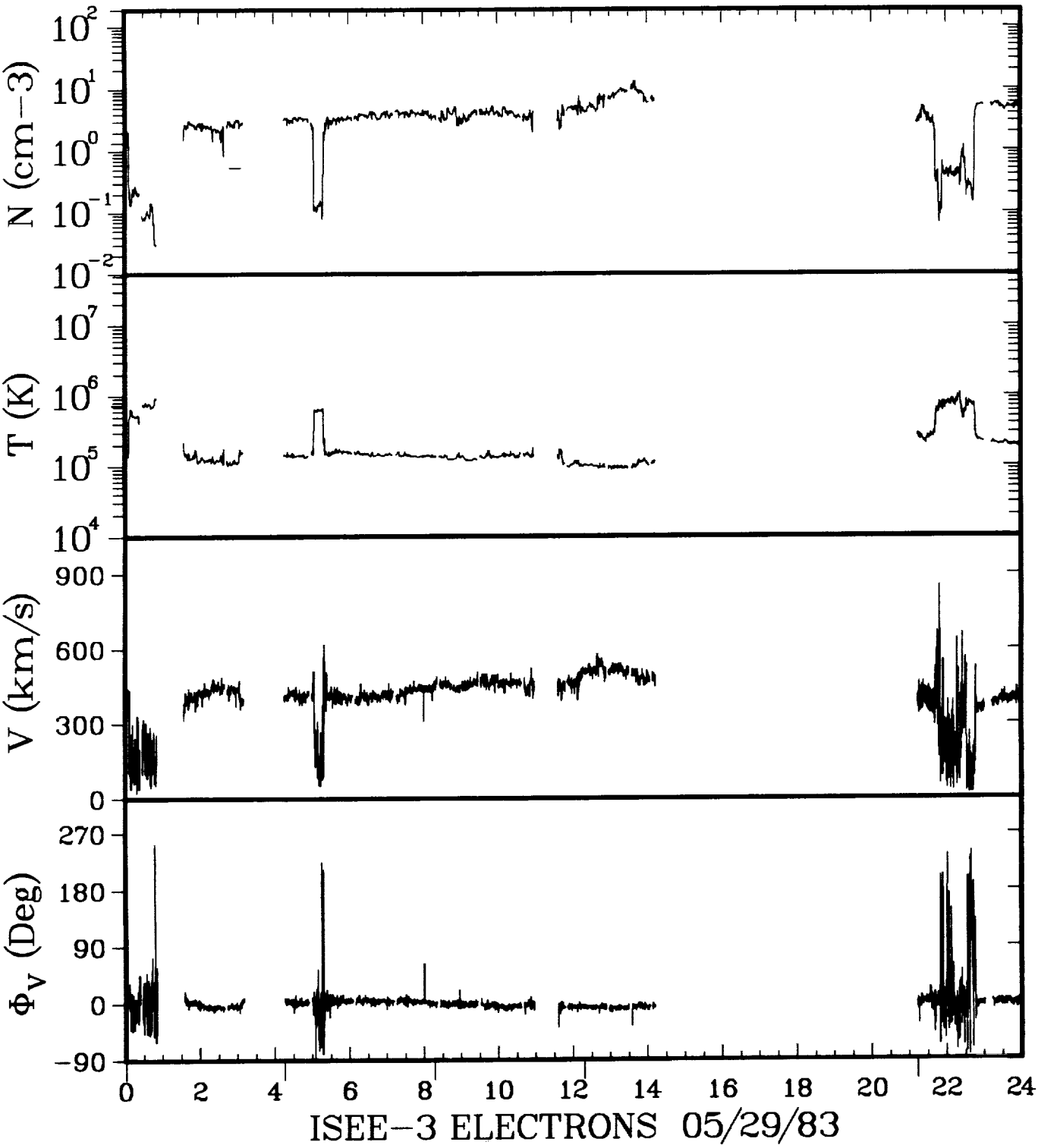
GSEX	-208.9	-209.6	-209.9
Y	-1.9	-2.0	-2.1
Z	-21.3	-21.5	-21.6
GSMY	2.5	-1.5	3.6
Z	-21.3	-21.6	-21.4



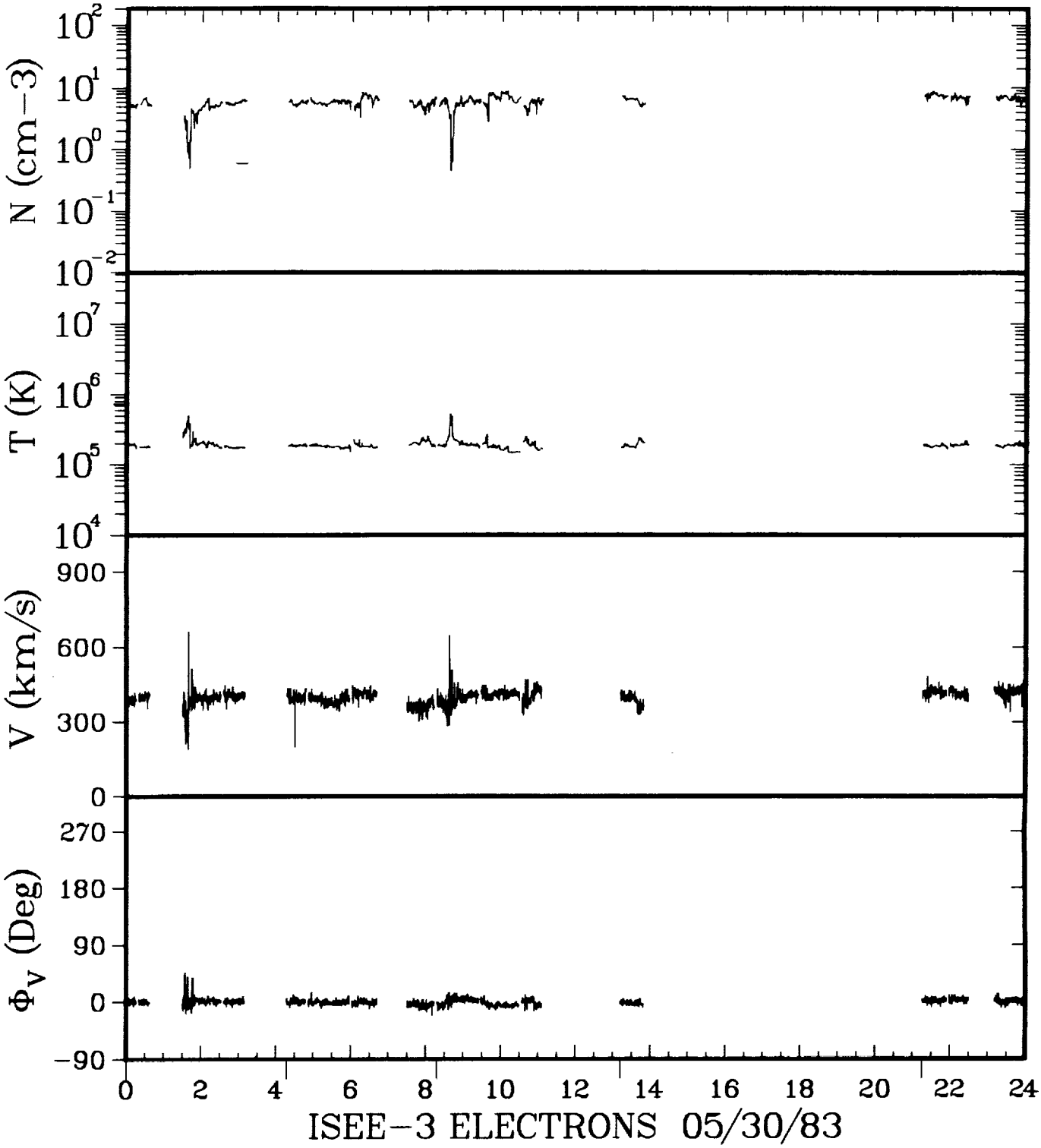
GSEX	-210.7	-211.0	-211.4
Y	-2.2	-2.2	-2.3
Z	-21.8	-21.9	-21.9
GSMY	1.0	-3.0	-1.4
Z	-21.9	-21.8	-22.0



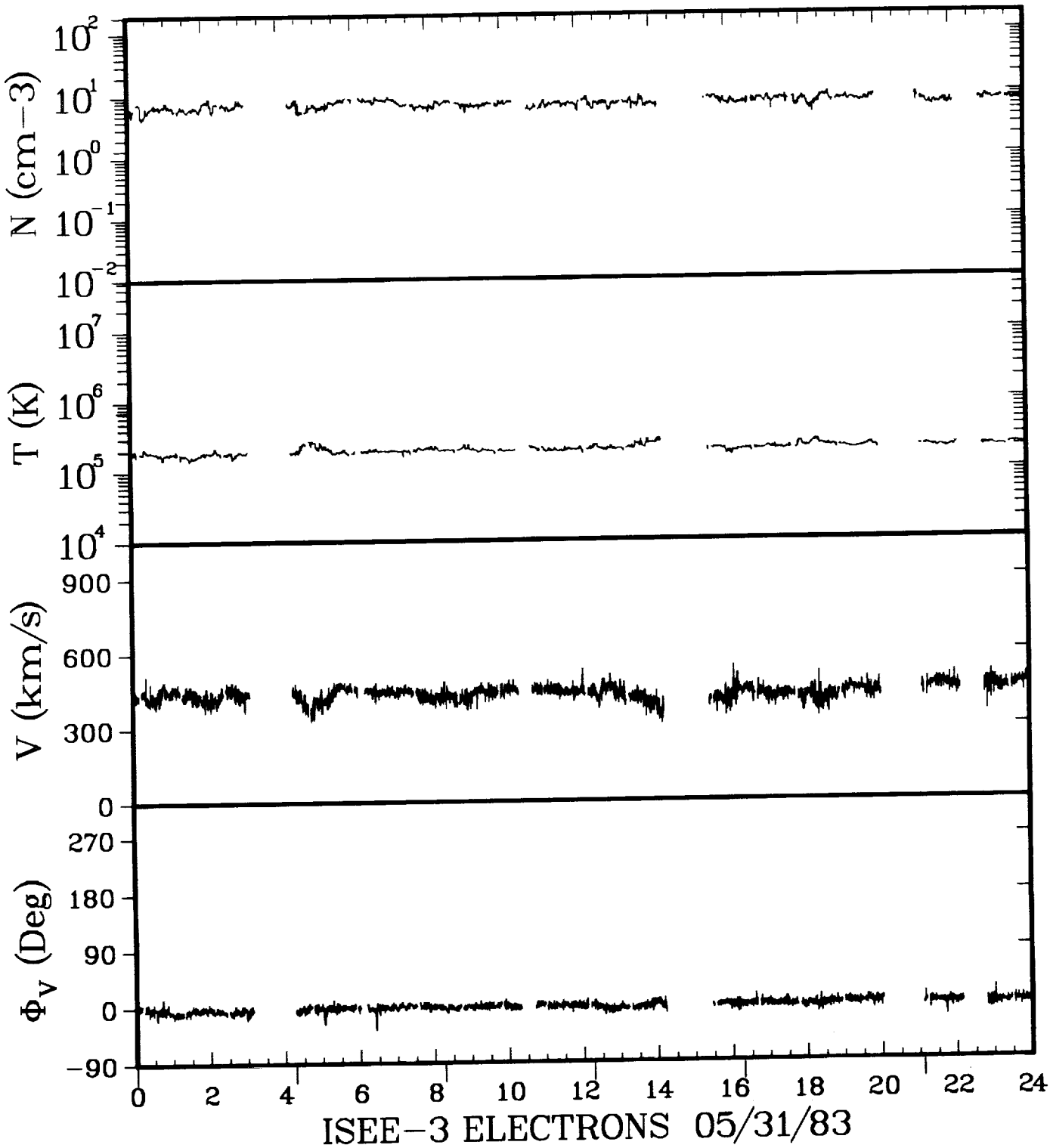
GSEX	-212.3	-212.6	-212.8	-213.4
Y	-2.4	-2.5	-2.5	-2.5
Z	-22.2	-22.2	-22.3	-22.4
GSMY	1.9	-2.5	-3.3	6.0
Z	-22.2	-22.2	-22.2	-21.7



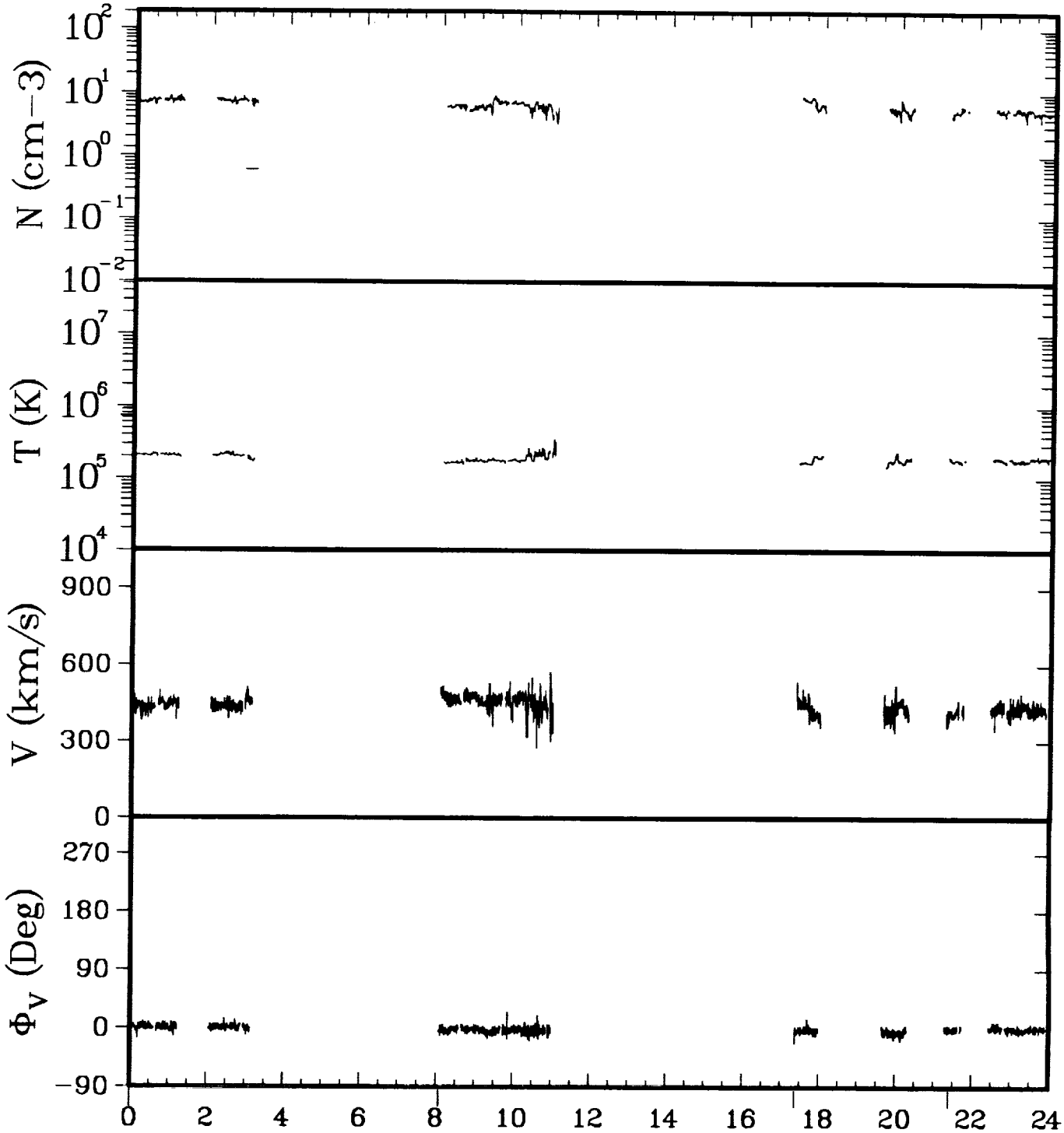
GSEX	-213.6	-213.8	-214.1	-214.3	-214.8
Y	-2.6	-2.6	-2.6	-2.6	-2.7
Z	-22.5	-22.5	-22.6	-22.6	-22.7
GSMY	5.7	1.5	-2.9	-3.6	5.9
Z	-21.9	-22.6	-22.5	-22.5	-22.1



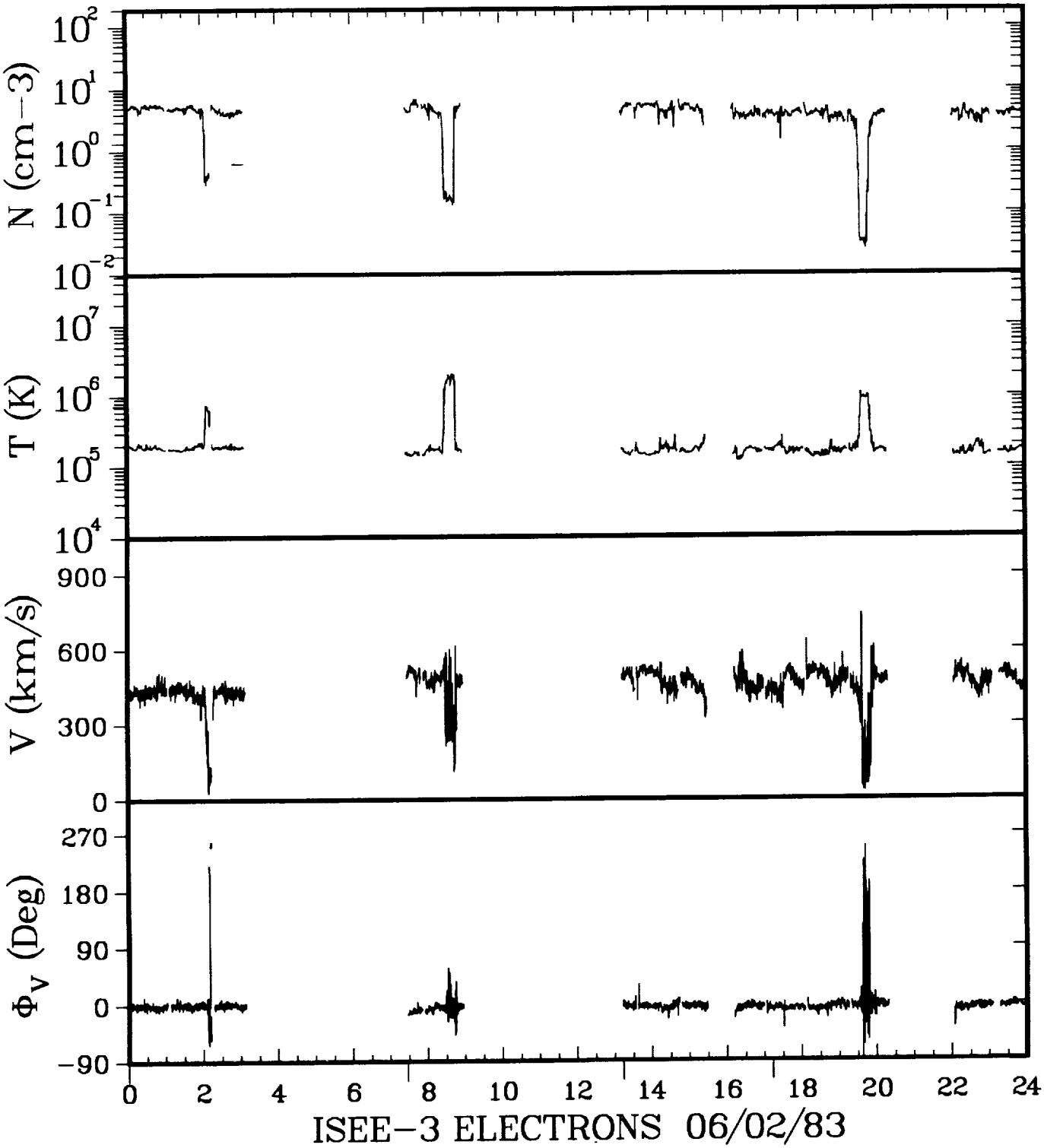
GSEX	-215.0	-215.2	-215.5	-215.7	-216.2
Y	-2.7	-2.7	-2.7	-2.7	-2.7
Z	-22.8	-22.8	-22.9	-22.9	-23.0
GSMY	5.5	1.3	-3.1	-3.2	5.8
Z	-22.3	-23.0	-22.8	-22.9	-22.5



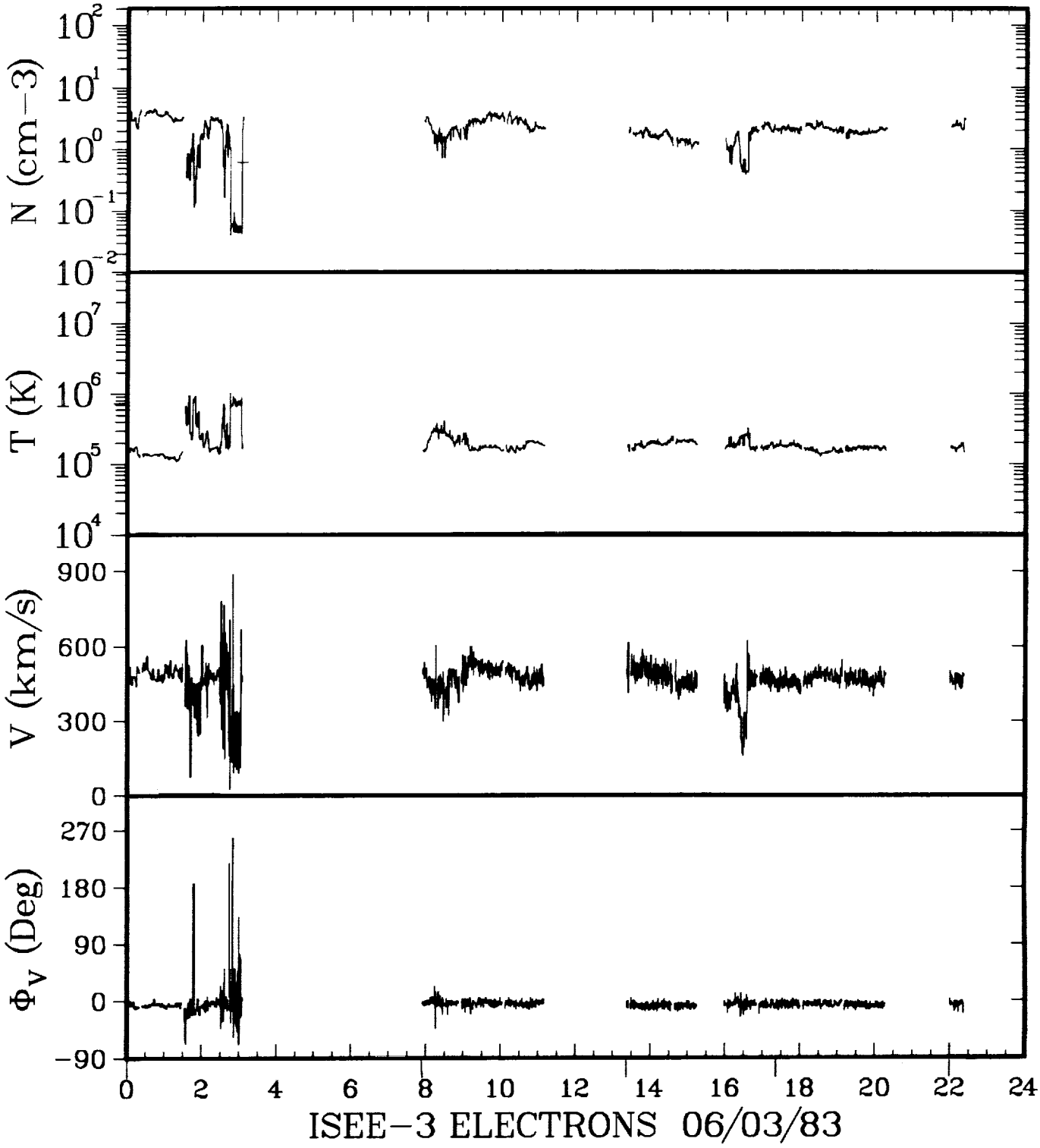
GSEX	-216.3	-216.6	-216.8	-217.0	-217.2	-217.5
Y	-2.7	-2.7	-2.7	-2.7	-2.7	-2.7
Z	-23.1	-23.1	-23.2	-23.2	-23.3	-23.3
GSMY	5.5	1.2	-3.3	-4.0	0.4	5.7
Z	-22.6	-23.3	-23.1	-23.0	-23.4	-22.8



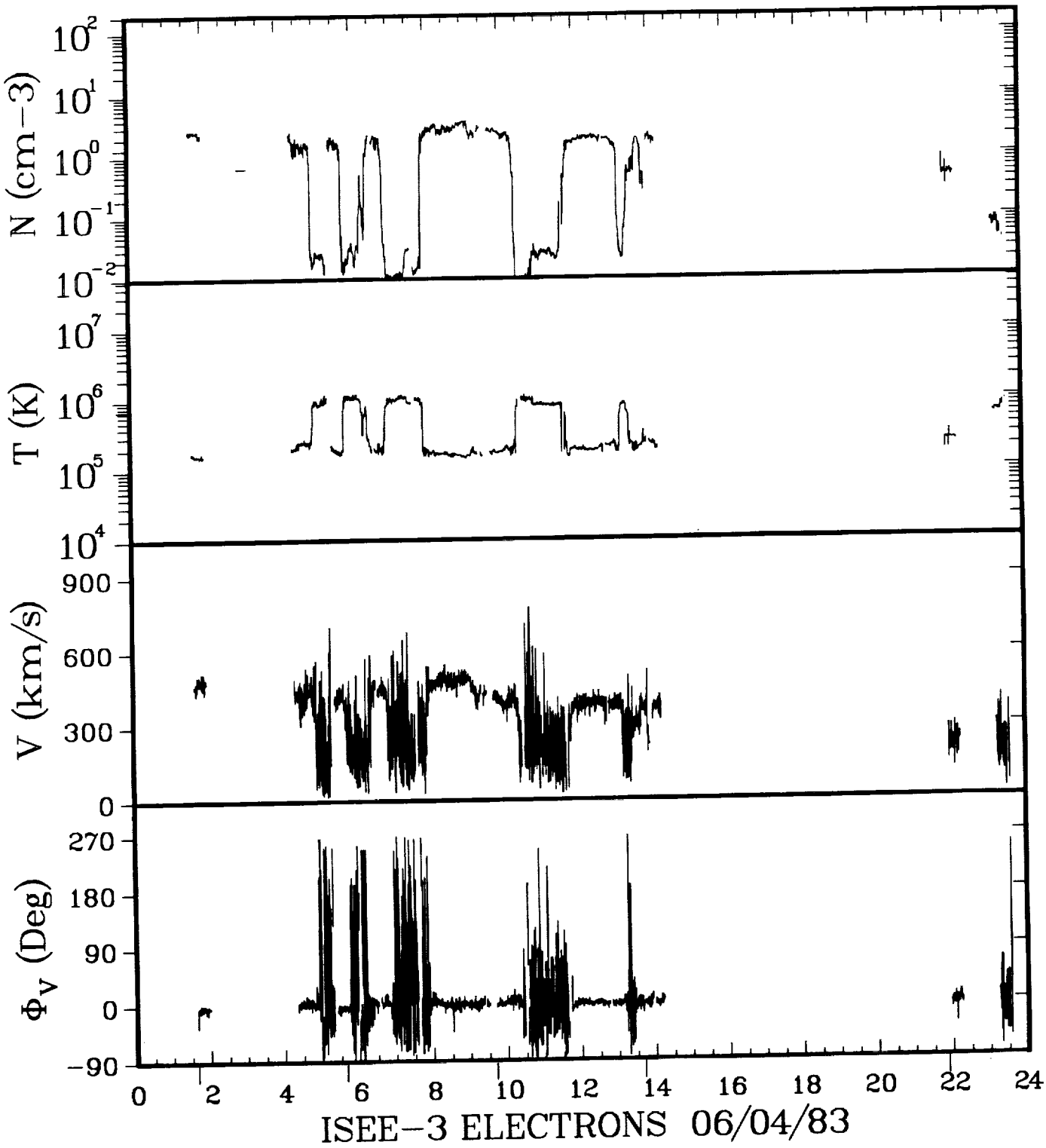
GSEX	-217.6	-218.0	-218.5	-218.6
Y	-2.7	-2.7	-2.7	-2.7
Z	-23.3	-23.4	-23.5	-23.5
GSMY	5.4	-3.2	1.9	5.7
Z	-22.9	-23.3	-23.5	-22.9



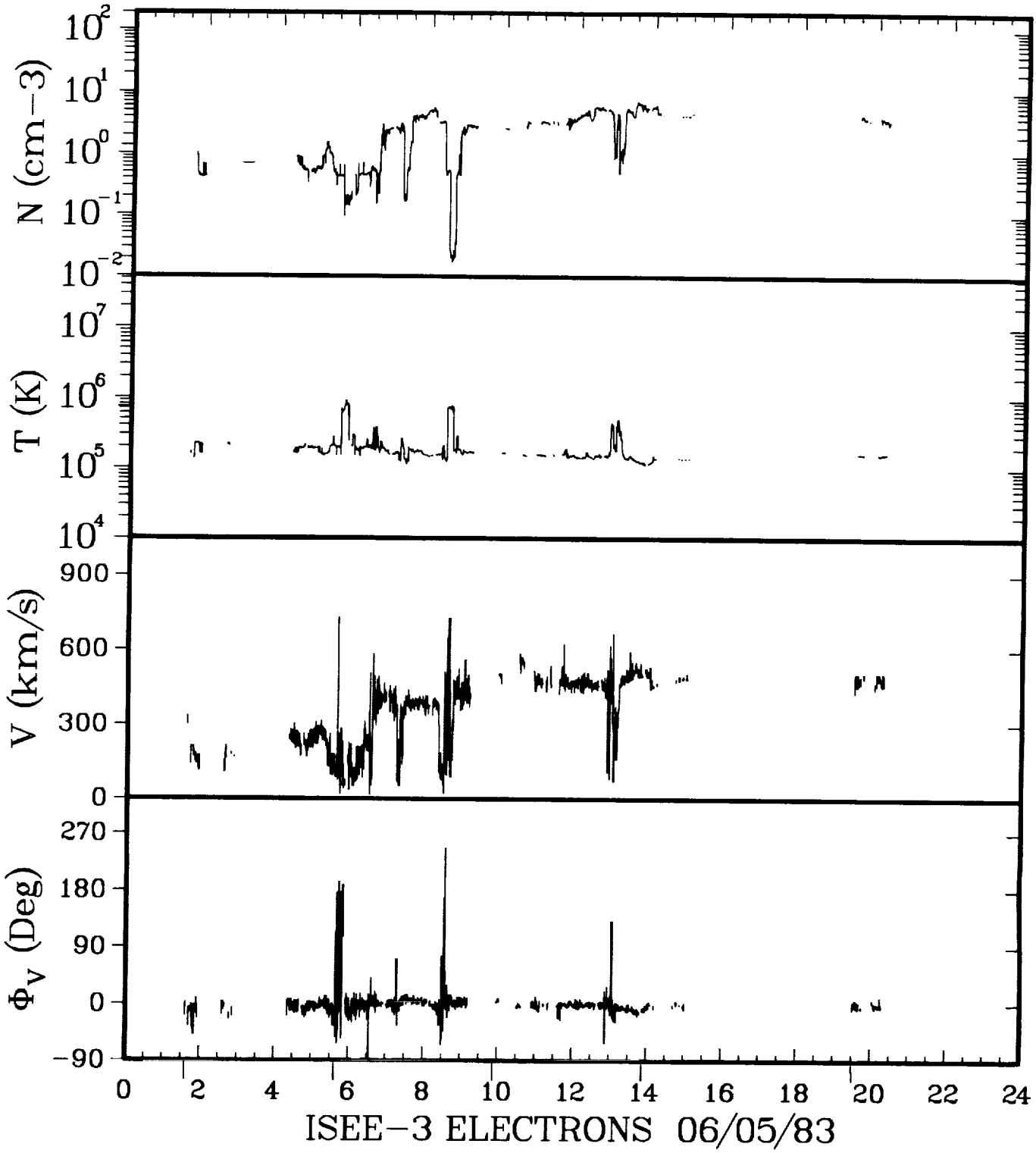
GSEX	-218.7	-219.1	-219.3	-219.5
Y	-2.7	-2.7	-2.7	-2.7
Z	-23.5	-23.5	-23.5	-23.6
GSMY	5.3	-2.8	-3.8	1.5
Z	-23.0	-23.5	-23.4	-23.7



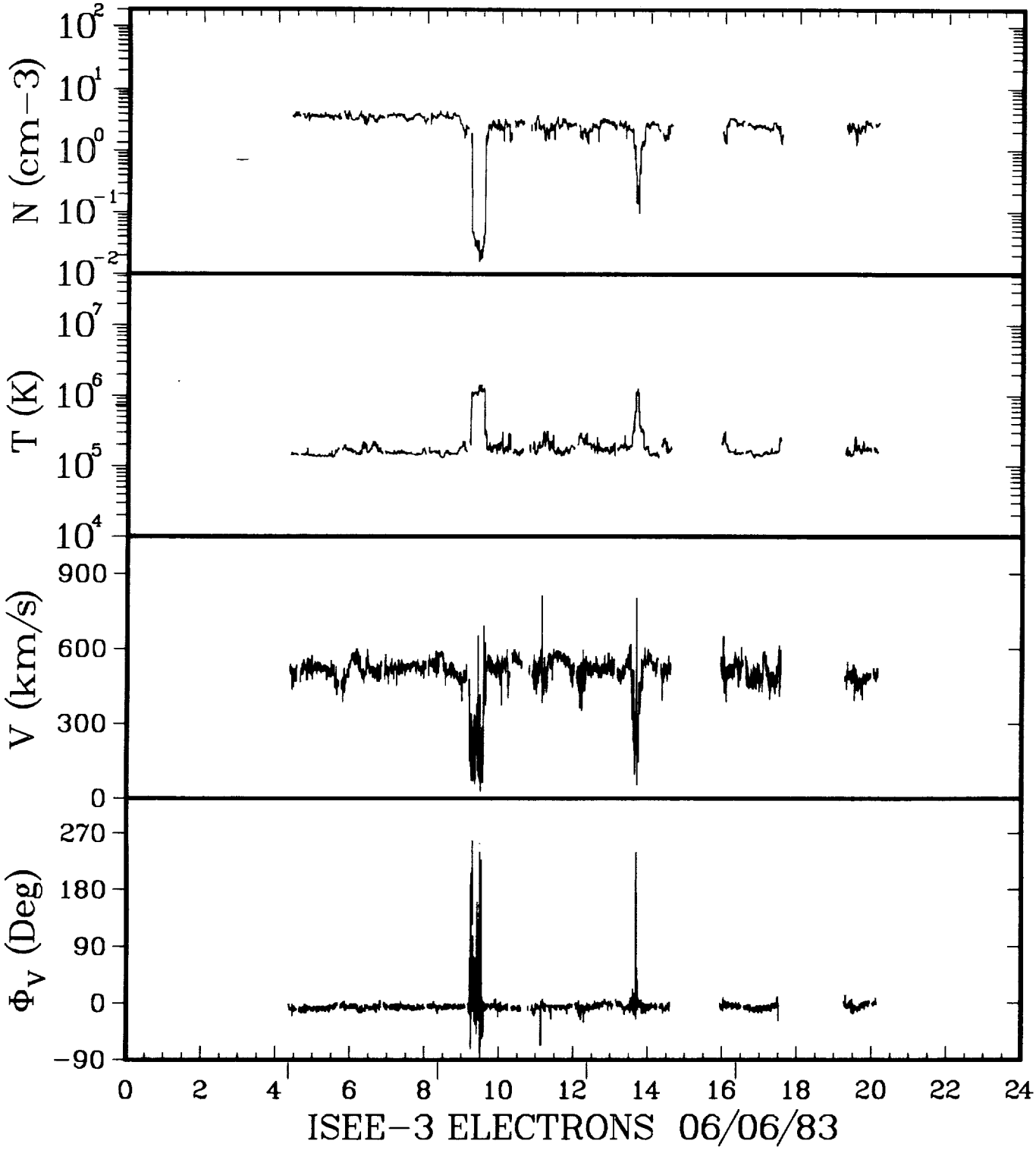
GSEX	-219.8	-220.1	-220.3	-220.5	-220.7
Y	-2.7	-2.7	-2.7	-2.7	-2.7
Z	-23.6	-23.6	-23.6	-23.6	-23.6
GSMY	5.1	-3.5	-3.8	1.5	5.5
Z	-23.2	-23.5	-23.4	-23.7	-23.1



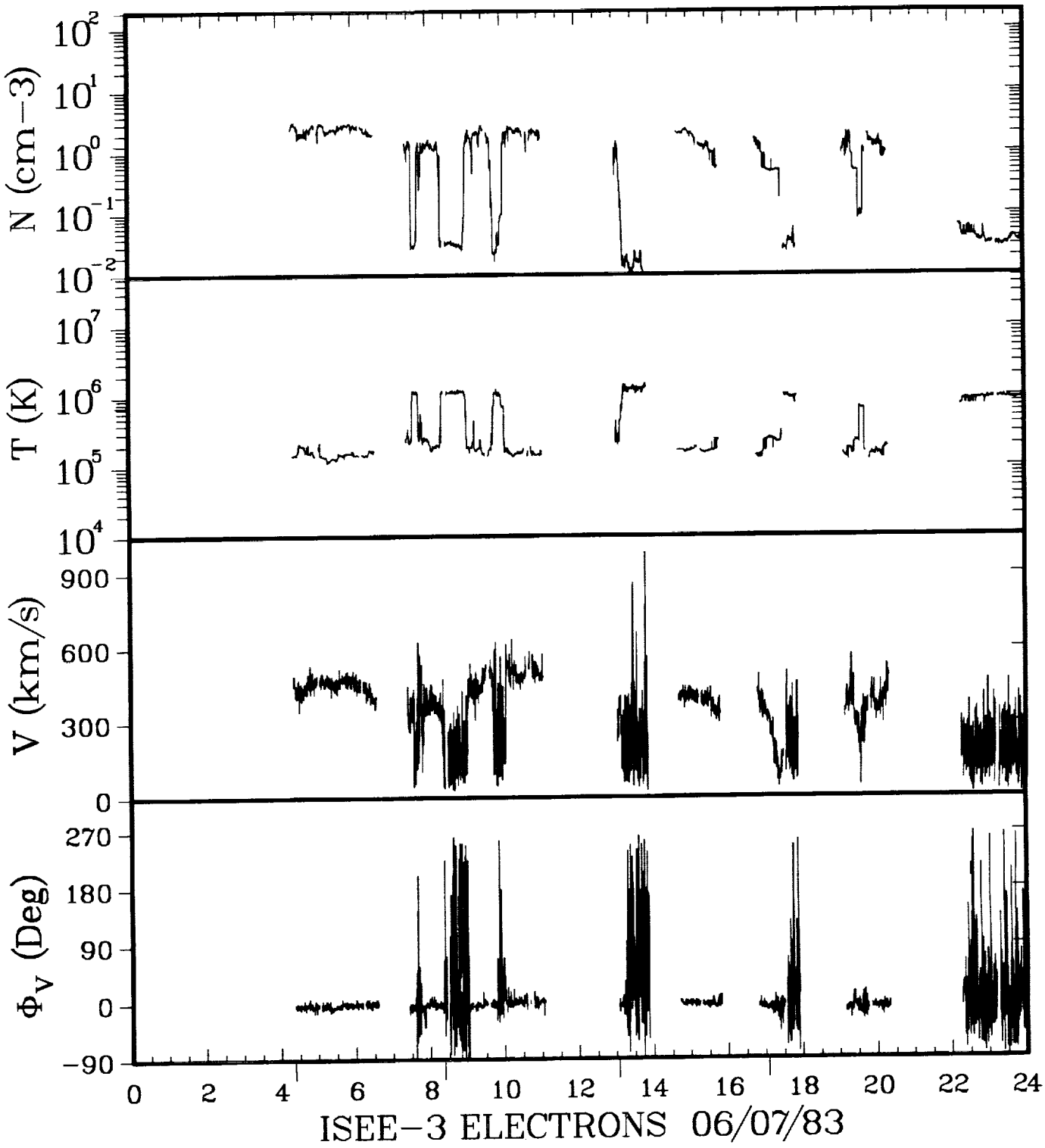
GSEX	-220.8	-221.0	-221.1	-221.3	-221.6
Y	-2.7	-2.7	-2.7	-2.7	-2.7
Z	-23.6	-23.6	-23.6	-23.6	-23.6
GSMY	3.7	-1.1	-4.8	-3.6	5.4
Z	-23.5	-23.7	-23.3	-23.5	-23.1



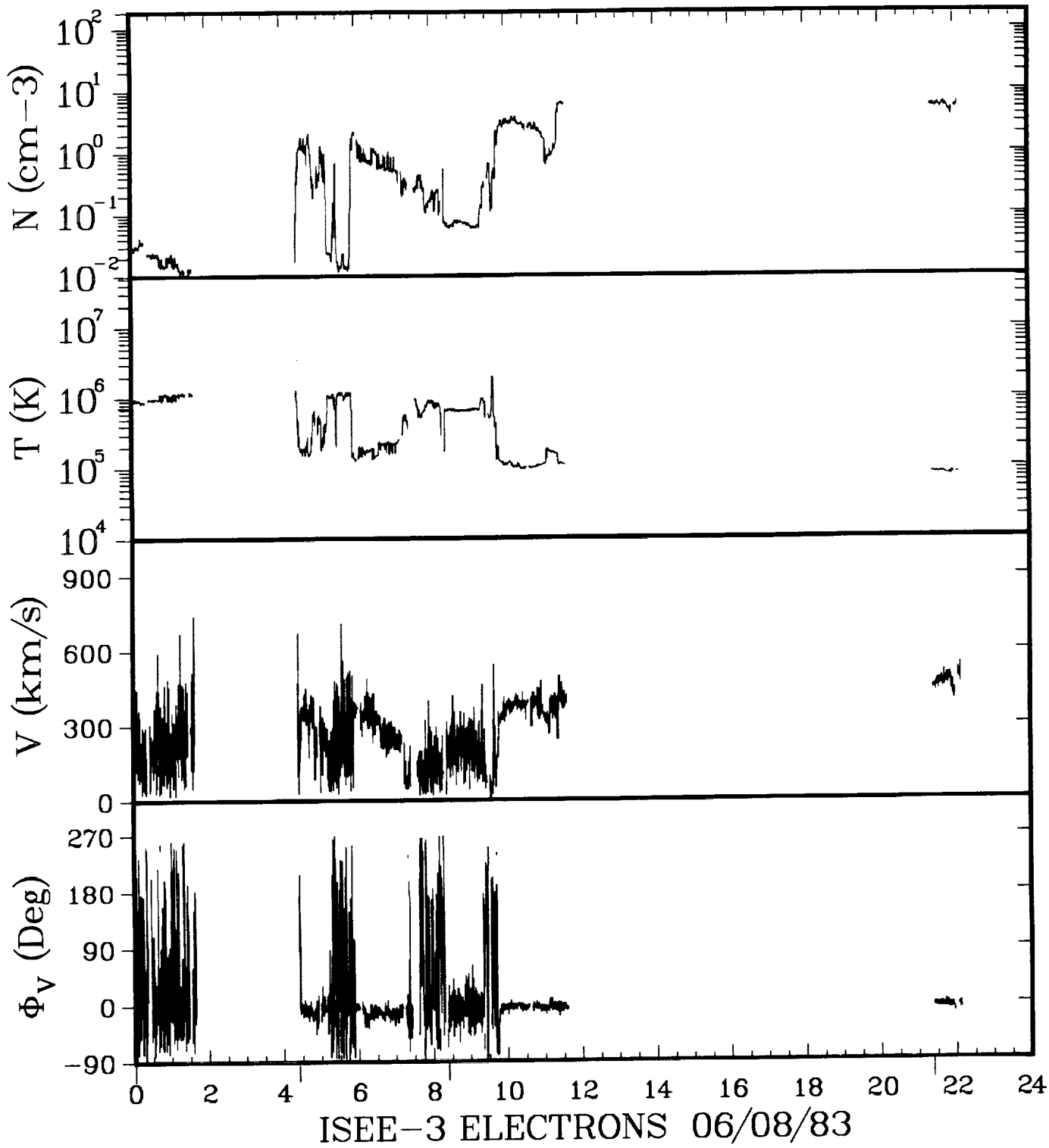
GSEX	-221.8	-221.9	-222.1	-222.2	-222.4
Y	-2.6	-2.6	-2.6	-2.6	-2.5
Z	-23.6	-23.6	-23.6	-23.6	-23.6
GSMY	3.7	-1.1	-4.9	-3.5	4.1
Z	-23.5	-23.7	-23.2	-23.5	-23.4



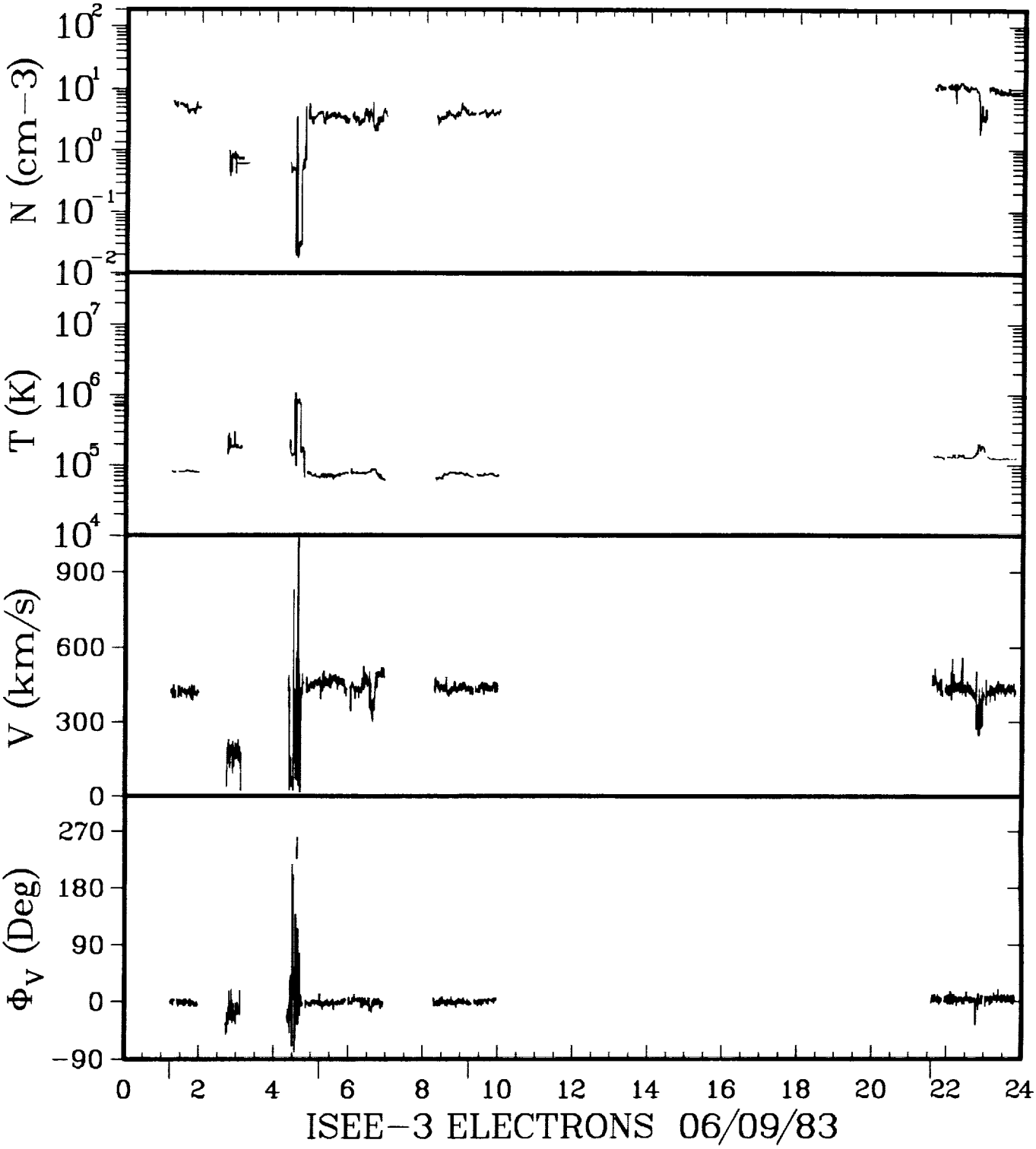
GSEX	-222.7	-222.9	-223.0	-223.2
Y	-2.5	-2.4	-2.4	-2.4
Z	-23.6	-23.5	-23.5	-23.5
GSMY	0.4	-4.0	-4.7	-0.1
Z	-23.7	-23.3	-23.2	-23.6



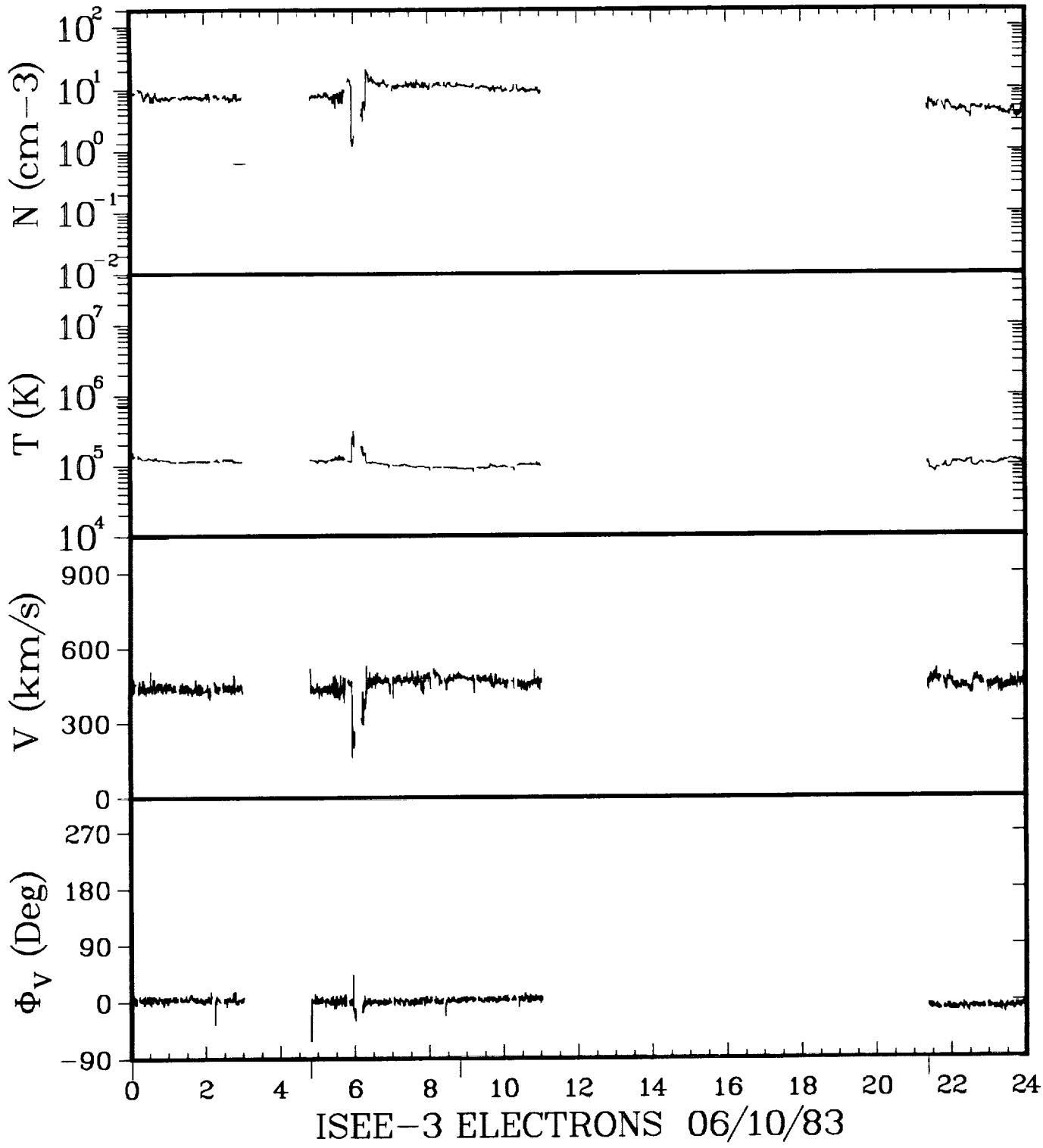
GSEX	-223.6	-223.7	-223.9	-224.0
Y	-2.3	-2.2	-2.2	-2.1
Z	-23.5	-23.5	-23.4	-23.4
GSMY	0.5	-4.0	-4.1	1.0
Z	-23.6	-23.2	-23.2	-23.5



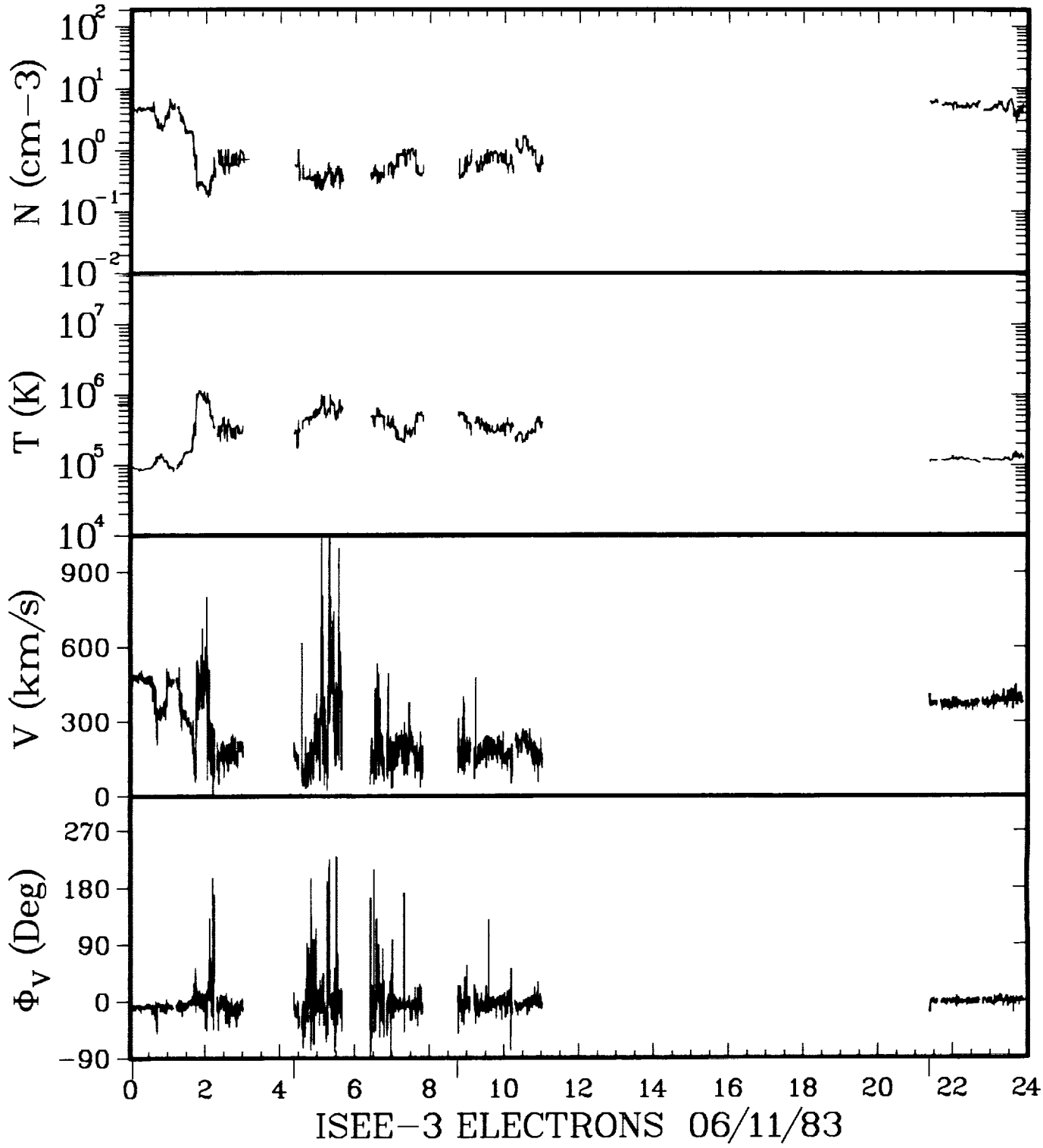
GSEX	-224.3	-224.4	-224.5	-225.0
Y	-2.0	-2.0	-1.9	-1.7
Z	-23.4	-23.4	-23.3	-23.3
GSMY	5.0	0.6	-3.8	5.5
Z	-22.9	-23.4	-23.1	-22.7



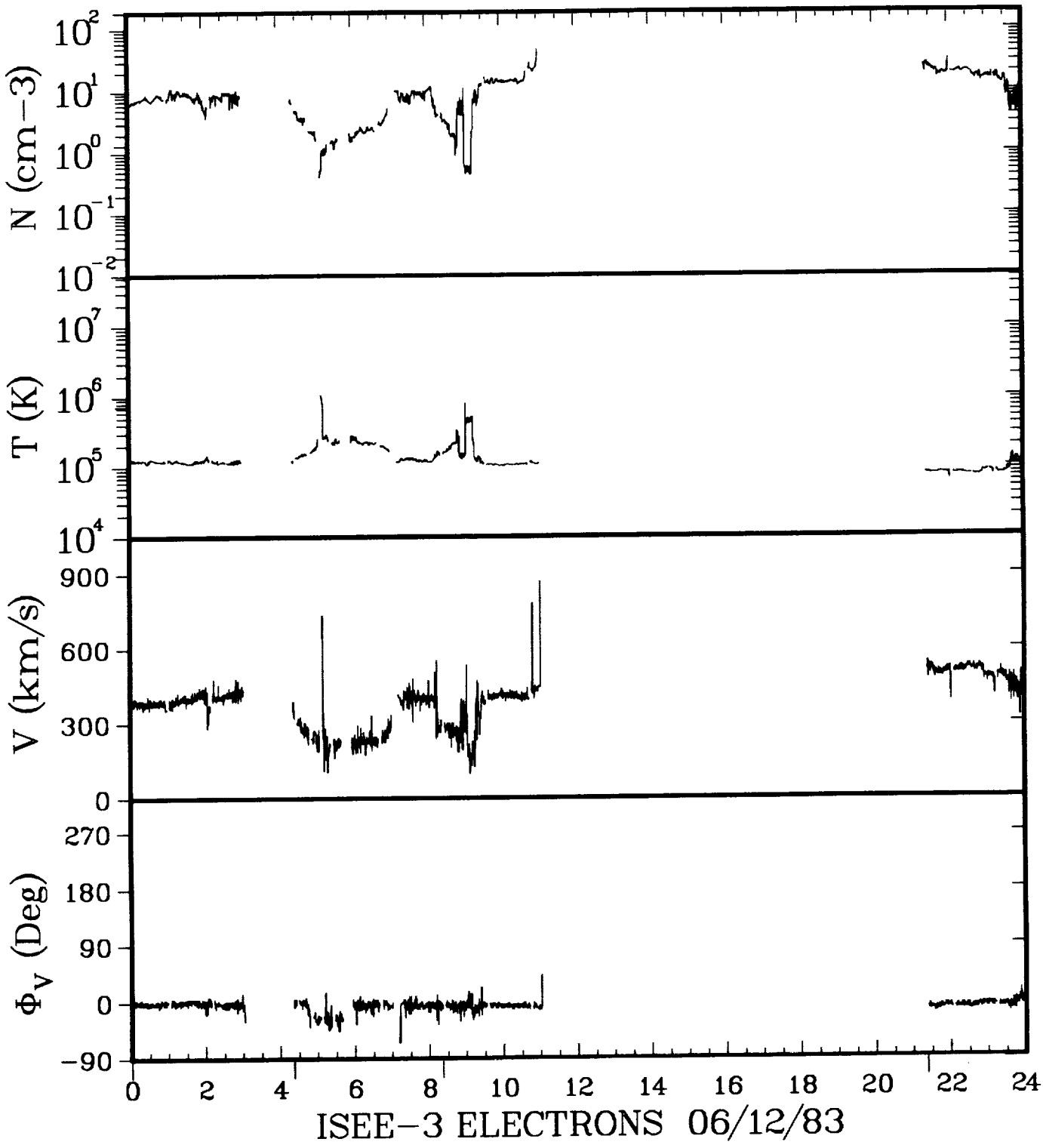
GSEX	-225.1	-225.2	-225.4	-225.8
Y	-1.7	-1.6	-1.6	-1.4
Z	-23.2	-23.2	-23.2	-23.1
GSMY	4.3	-0.3	-4.2	5.7
Z	-22.9	-23.3	-22.9	-22.4



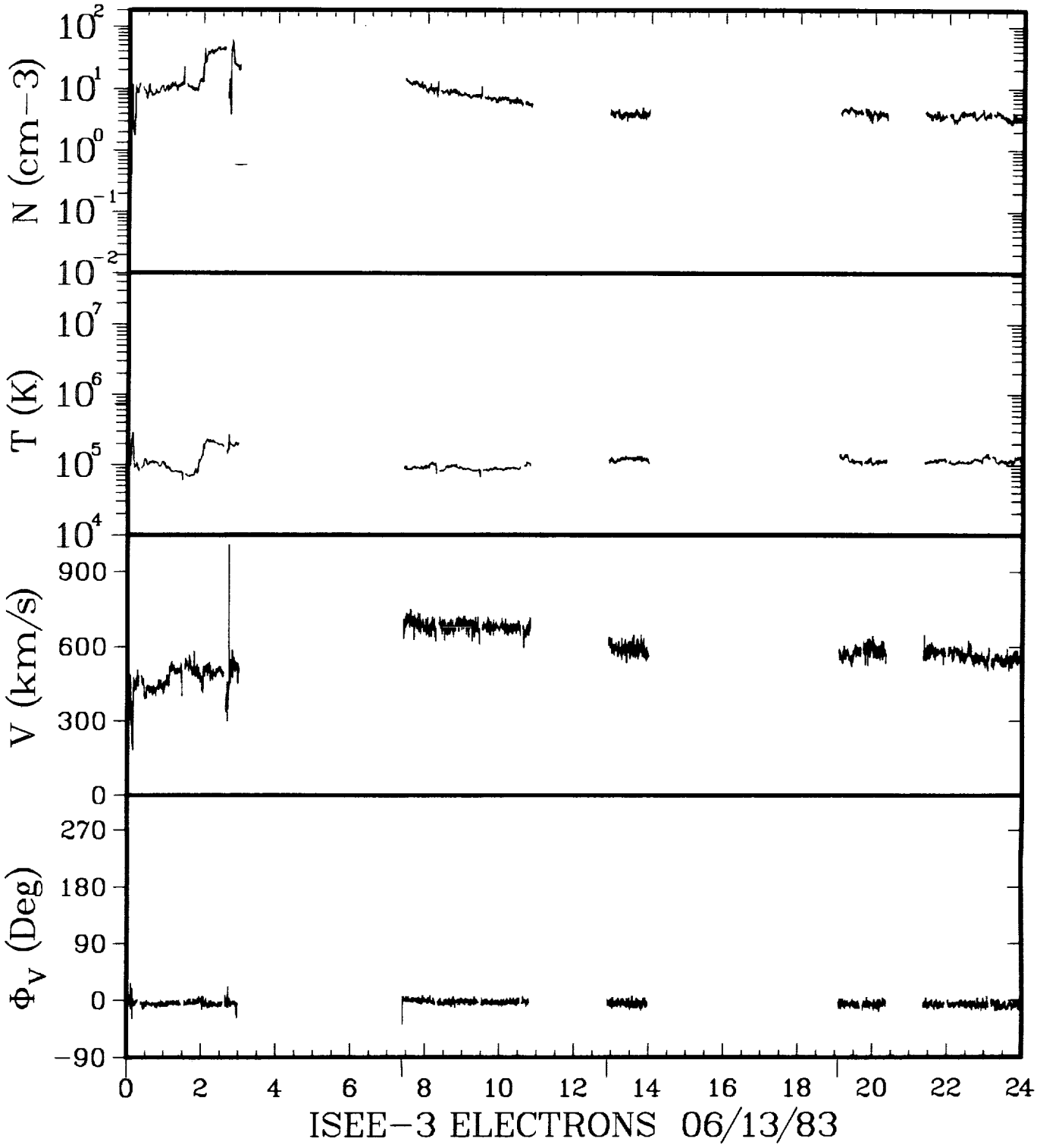
GSEX	-225.8	-226.0	-226.1	-226.5
Y	-1.3	-1.3	-1.2	-1.0
Z	-23.1	-23.0	-23.0	-22.9
GSMY	5.3	0.4	-3.7	5.8
Z	-22.5	-23.1	-22.7	-22.2



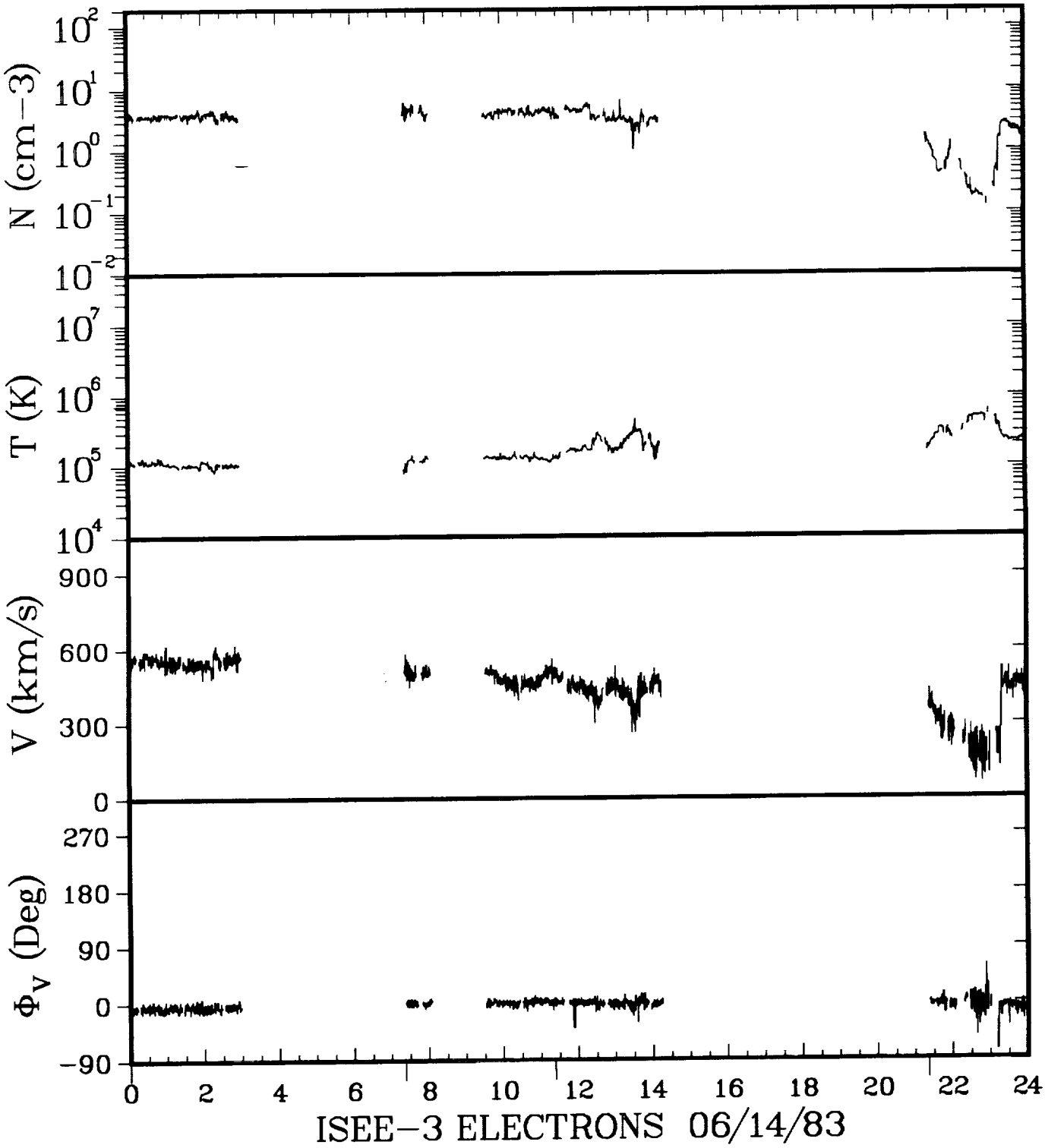
GSEX	-226.6	-226.8	-226.9	-227.3
Y	-0.9	-0.8	-0.8	-0.5
Z	-22.9	-22.8	-22.8	-22.7
GSMY	5.4	1.2	-3.4	6.0
Z	-22.2	-22.8	-22.6	-21.9



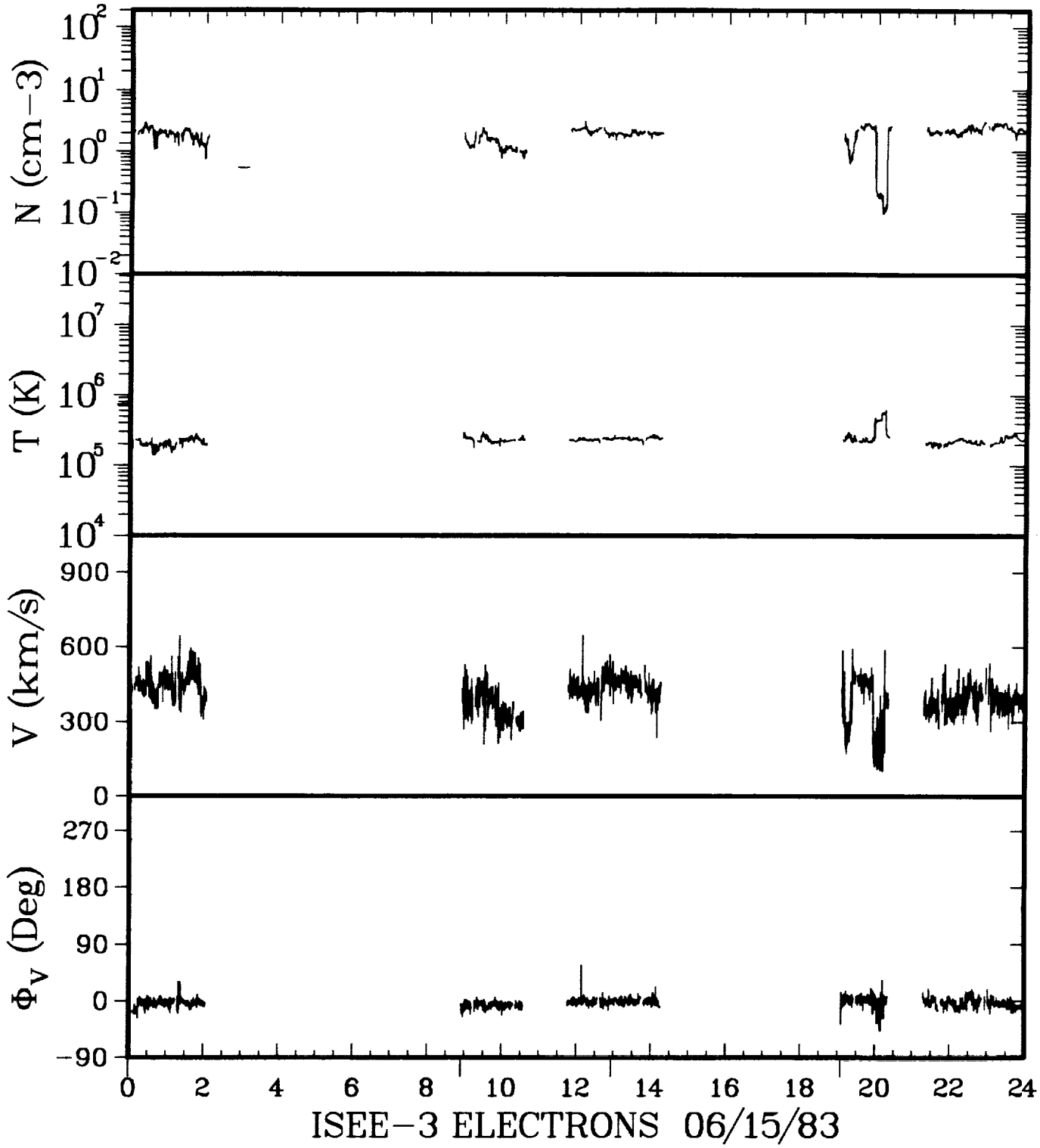
GSEX	-227.4	-227.6	-227.7	-228.1
Y	-0.5	-0.4	-0.3	-0.1
Z	-22.7	-22.6	-22.6	-22.4
GSMY	5.7	1.5	-2.8	6.2
Z	-21.9	-22.6	-22.4	-21.5



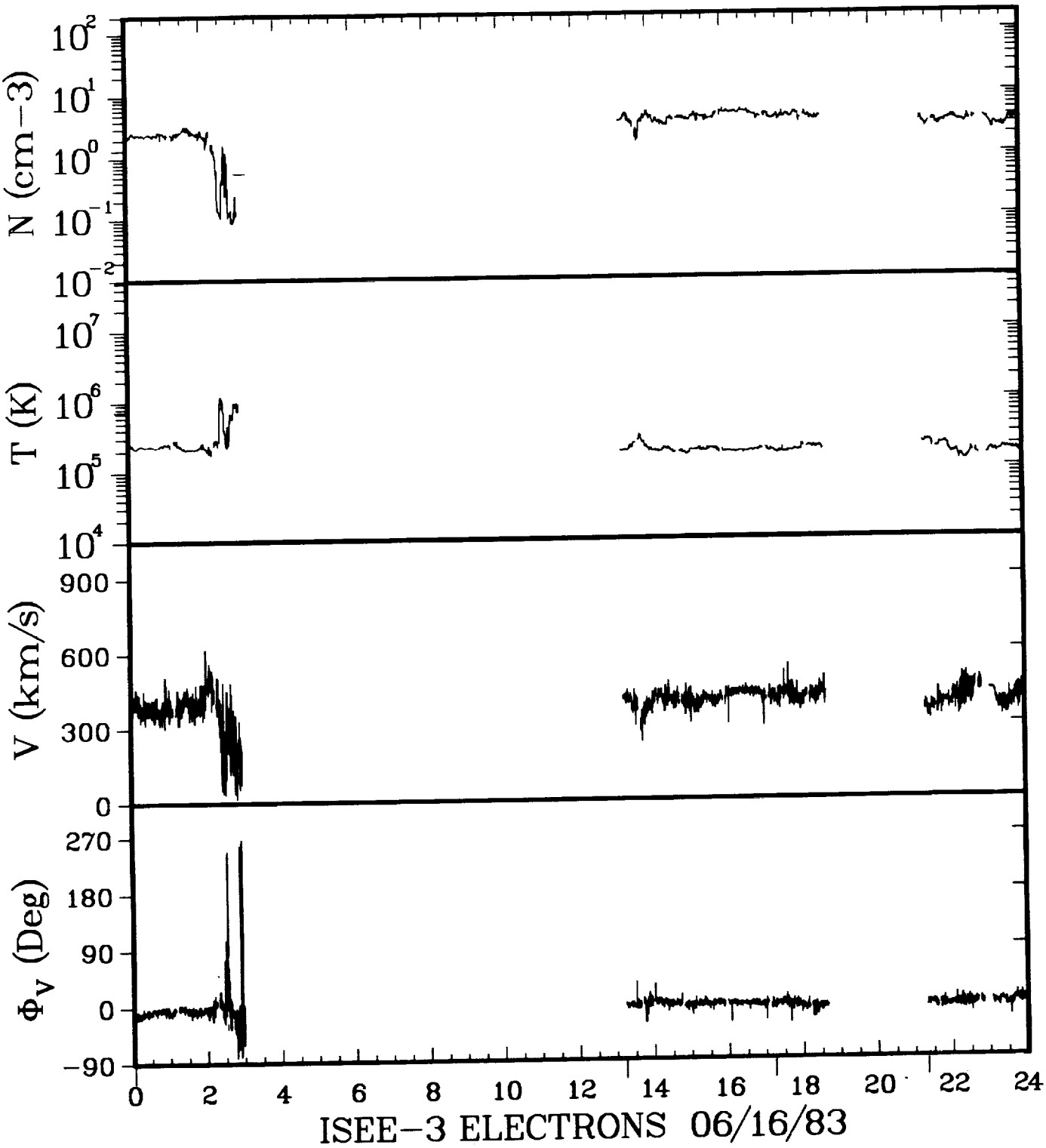
GSEX	-228.2	-228.4	-228.6	-228.8
Y	0.0	0.1	0.2	0.3
Z	-22.4	-22.3	-22.2	-22.2
GSMY	5.9	-1.7	-2.8	4.9
Z	-21.6	-22.2	-22.1	-21.6



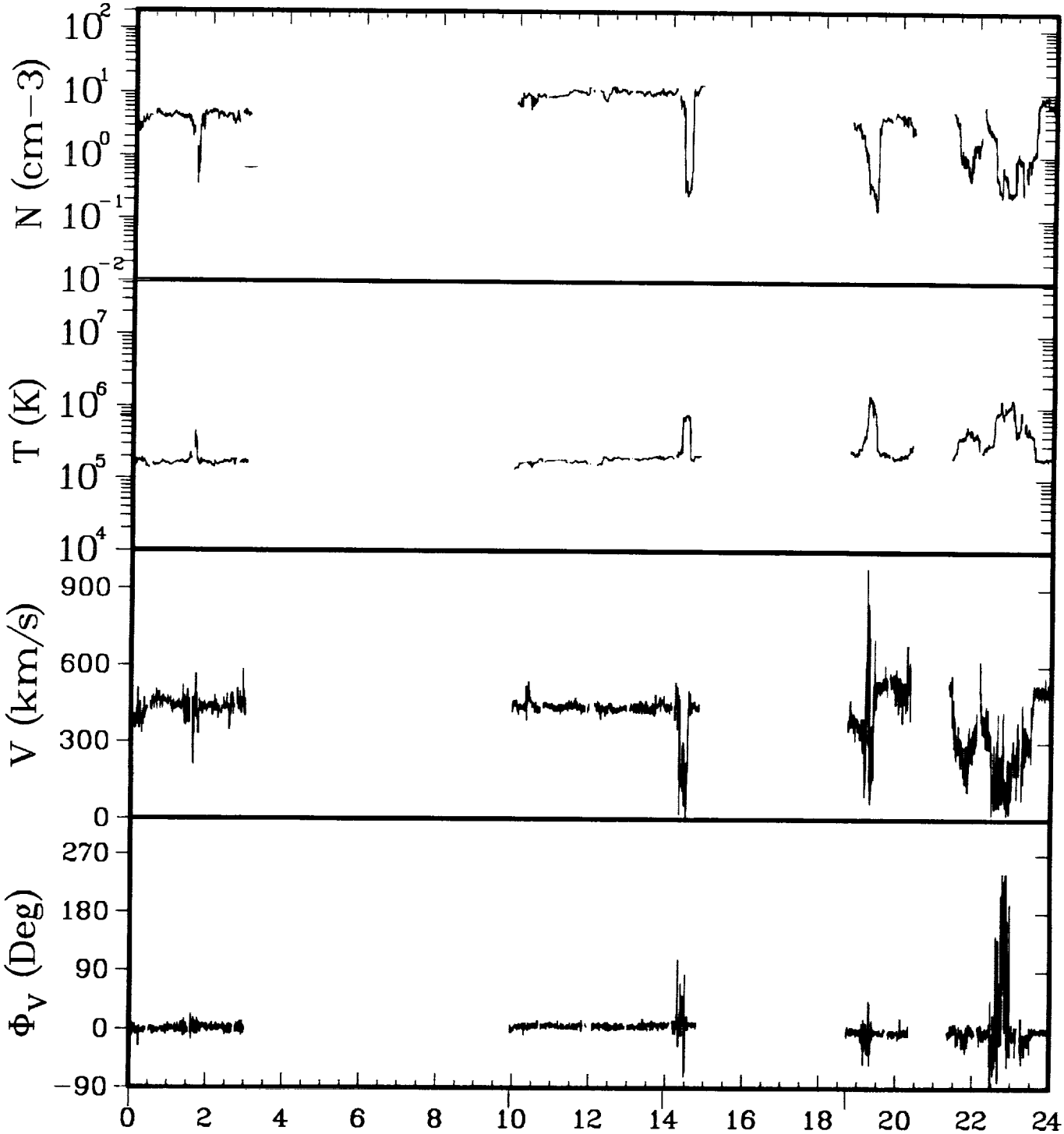
GSEX	-229.0	-229.2	-229.3	-229.6
Y	0.4	0.6	0.7	0.8
Z	-22.1	-22.0	-22.0	-21.8
GSMY	6.1	-1.3	-3.1	6.6
Z	-21.3	-22.0	-21.8	-20.8



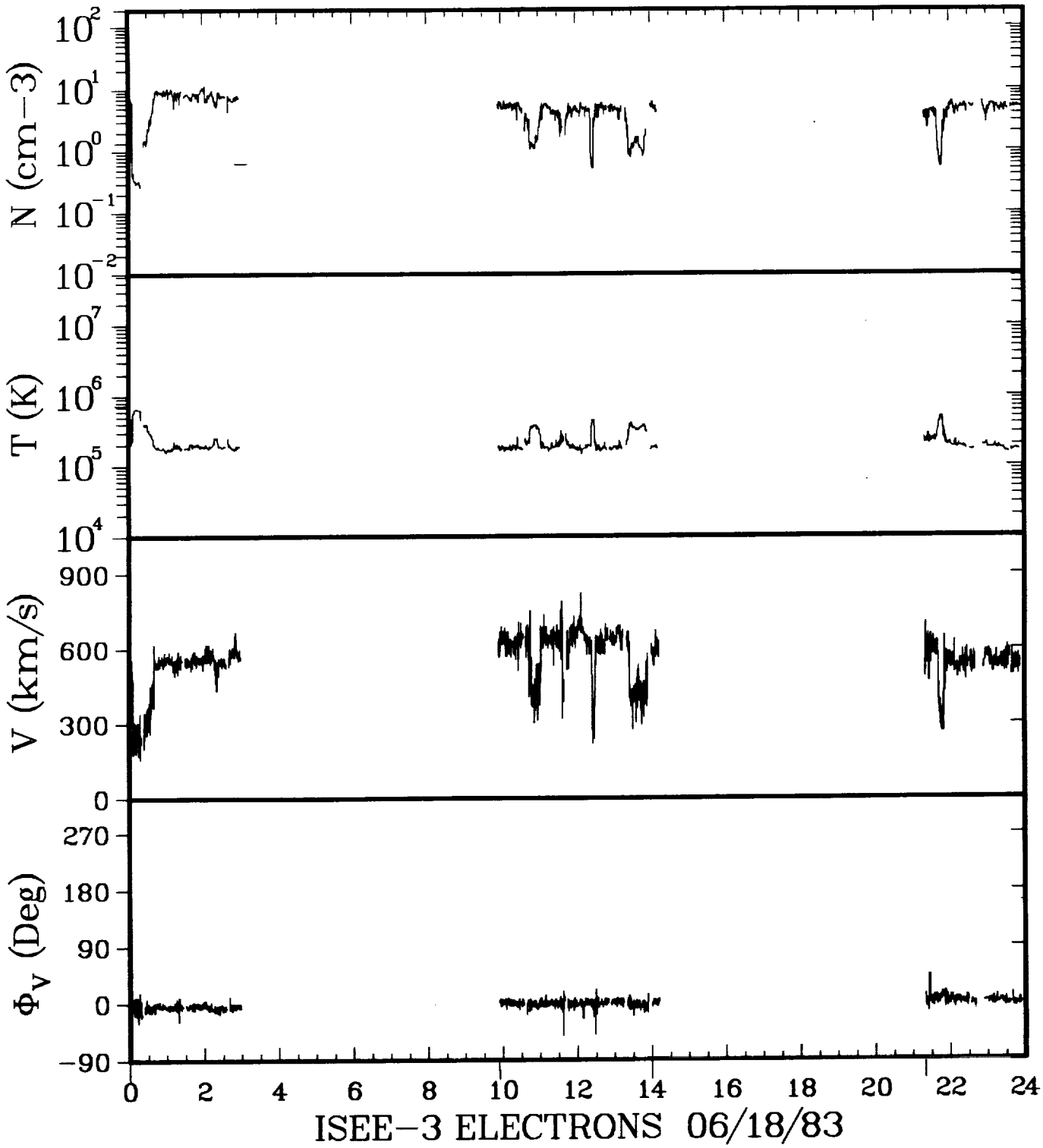
GSEX	-229.7	-230.0	-230.1	-230.3
Y	0.9	1.1	1.1	1.3
Z	-21.8	-21.7	-21.6	-21.5
GSMY	6.3	-2.1	-2.1	5.3
Z	-20.9	-21.6	-21.6	-20.9



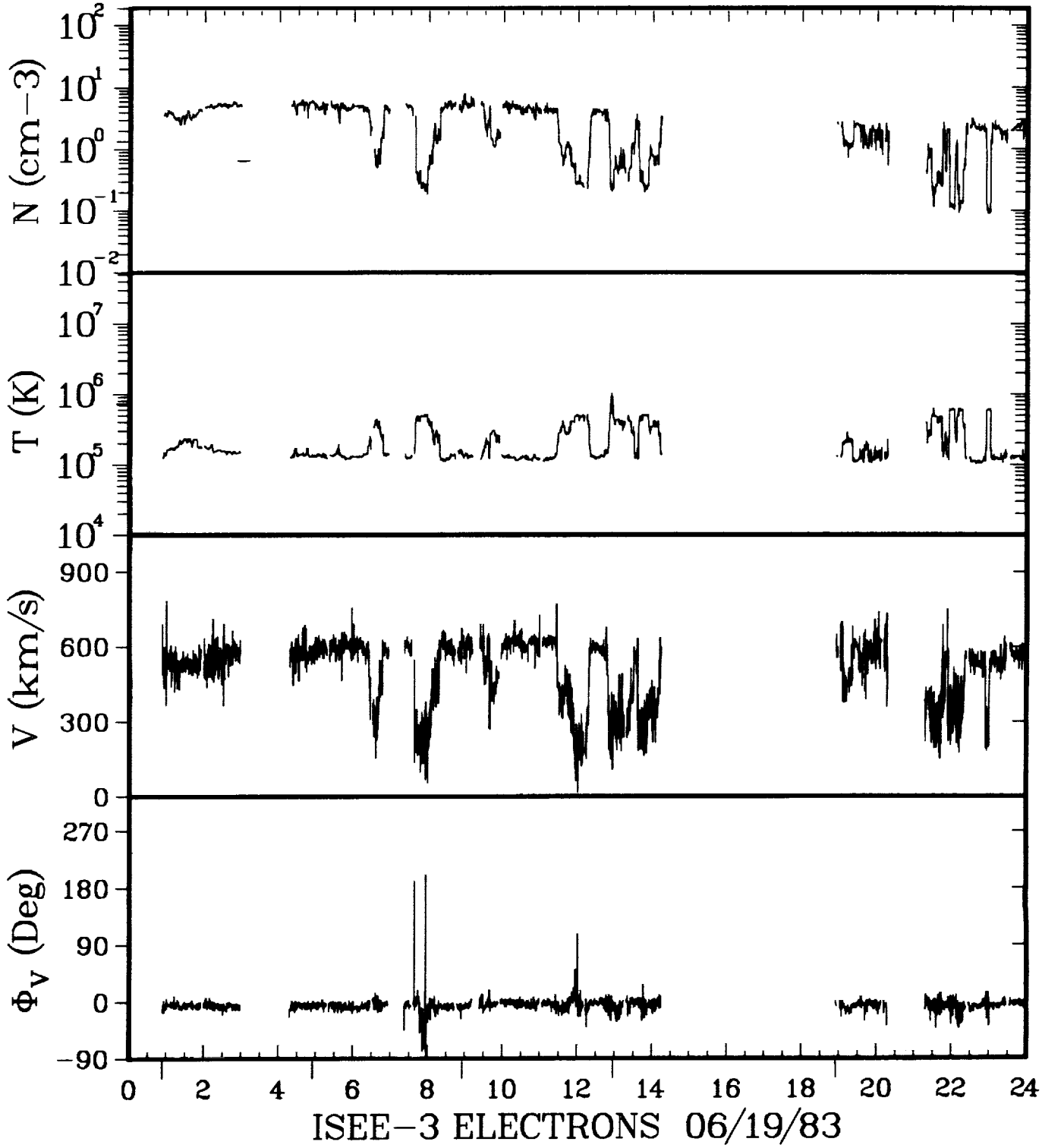
GSEX	-230.5	-230.9	-231.0	-231.1
Y	1.3	1.6	1.7	1.7
Z	-21.5	-21.3	-21.2	-21.2
GSMY	6.5	-1.5	3.3	7.0
Z	-20.5	-21.3	-21.0	-20.0



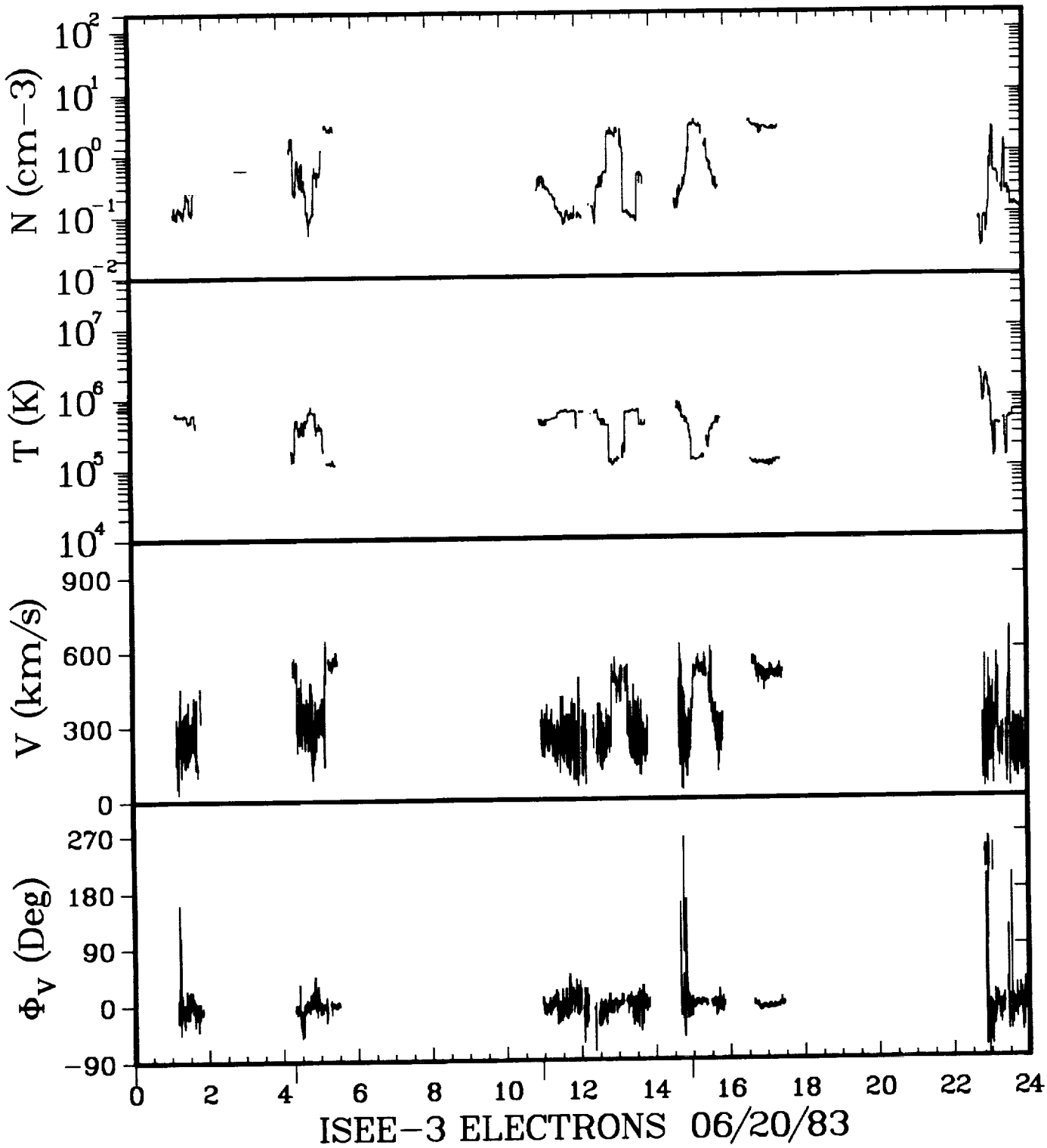
GSEX	-231.2	-231.5	-231.6	-231.7
Y	1.8	2.0	2.0	2.1
Z	-21.1	-21.0	-20.9	-20.8
GSMY	6.7	-1.9	-0.6	5.3
Z	-20.1	-21.0	-21.0	-20.2



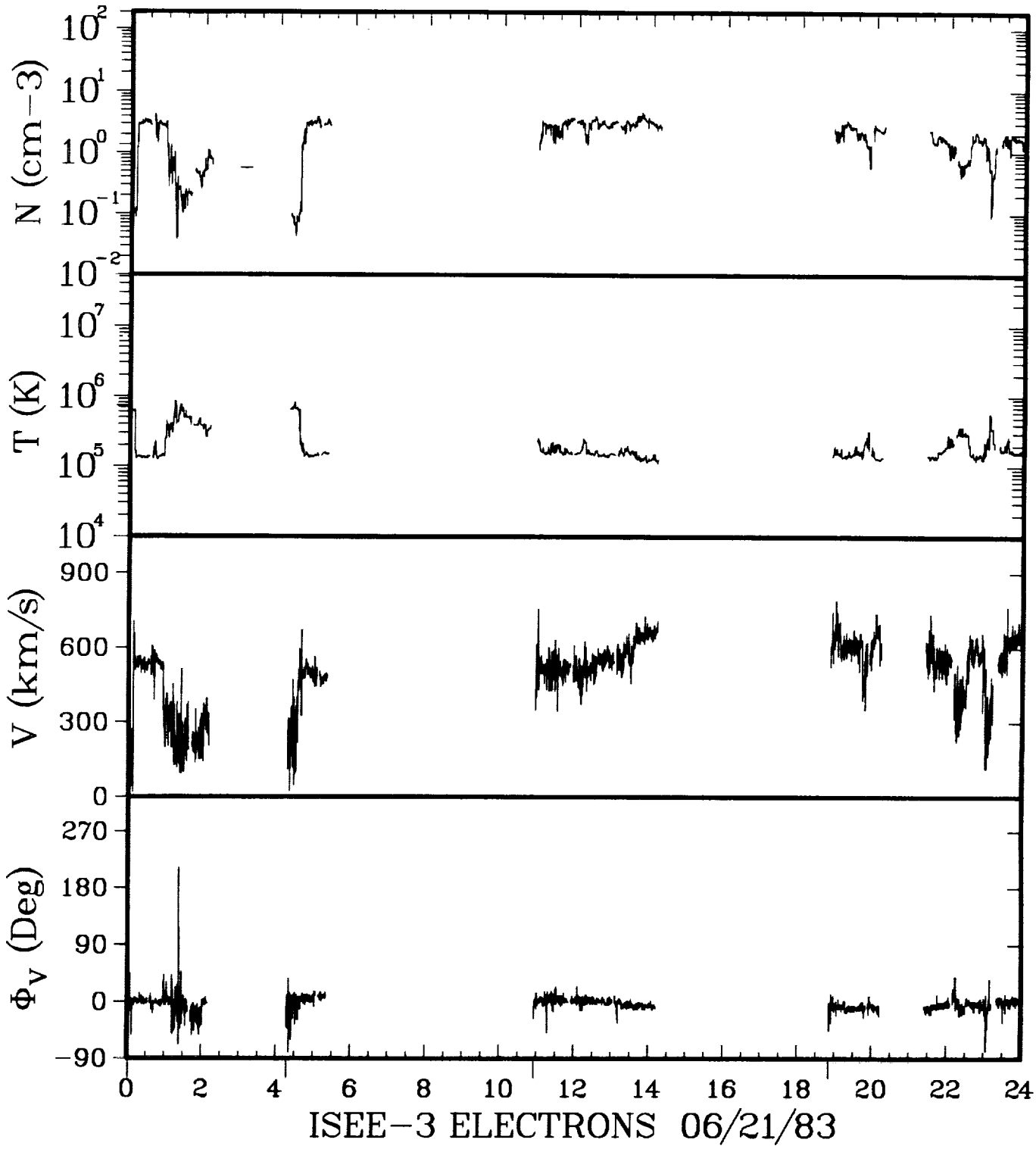
GSEX	-231.9	-232.2	-232.3	-232.5
Y	2.2	2.4	2.4	2.5
Z	-20.7	-20.6	-20.5	-20.4
GSMY	6.9	-1.6	-0.2	7.3
Z	-19.7	-20.7	-20.7	-19.2



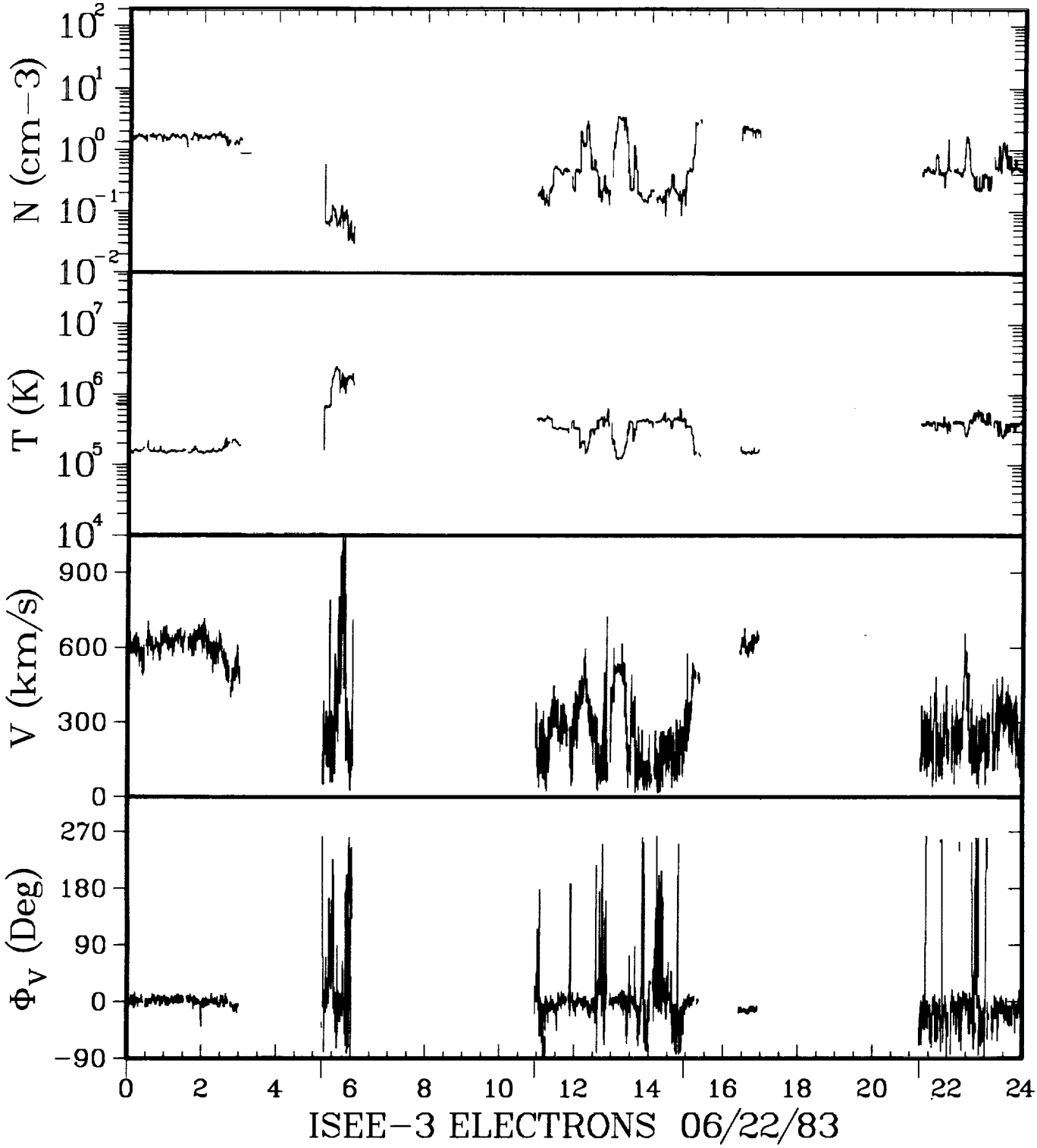
GSEX	-232.6	-232.7	-232.8	-232.9	-233.0
Y	2.6	2.7	2.7	2.8	2.9
Z	-20.3	-20.3	-20.2	-20.1	-20.0
GSMY	6.6	2.7	-0.9	-0.8	5.9
Z	-19.4	-20.3	-20.4	-20.3	-19.3



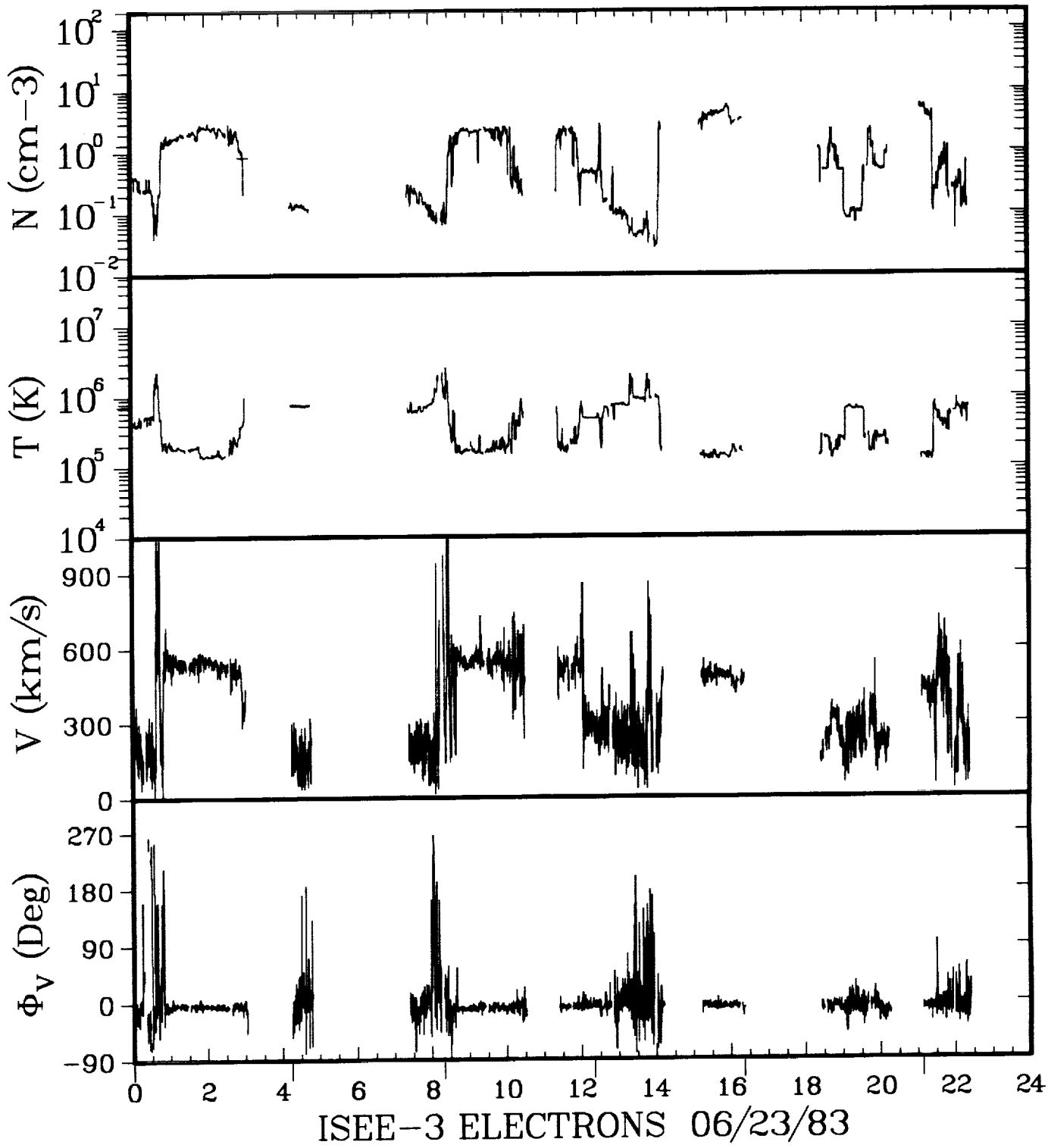
GSEX	-233.2	-233.3	-233.4	-233.5
Y	3.0	3.0	3.1	3.2
Z	-19.9	-19.9	-19.7	-19.7
GSMY	7.2	3.6	-1.1	1.3
Z	-18.8	-19.7	-19.9	-19.9



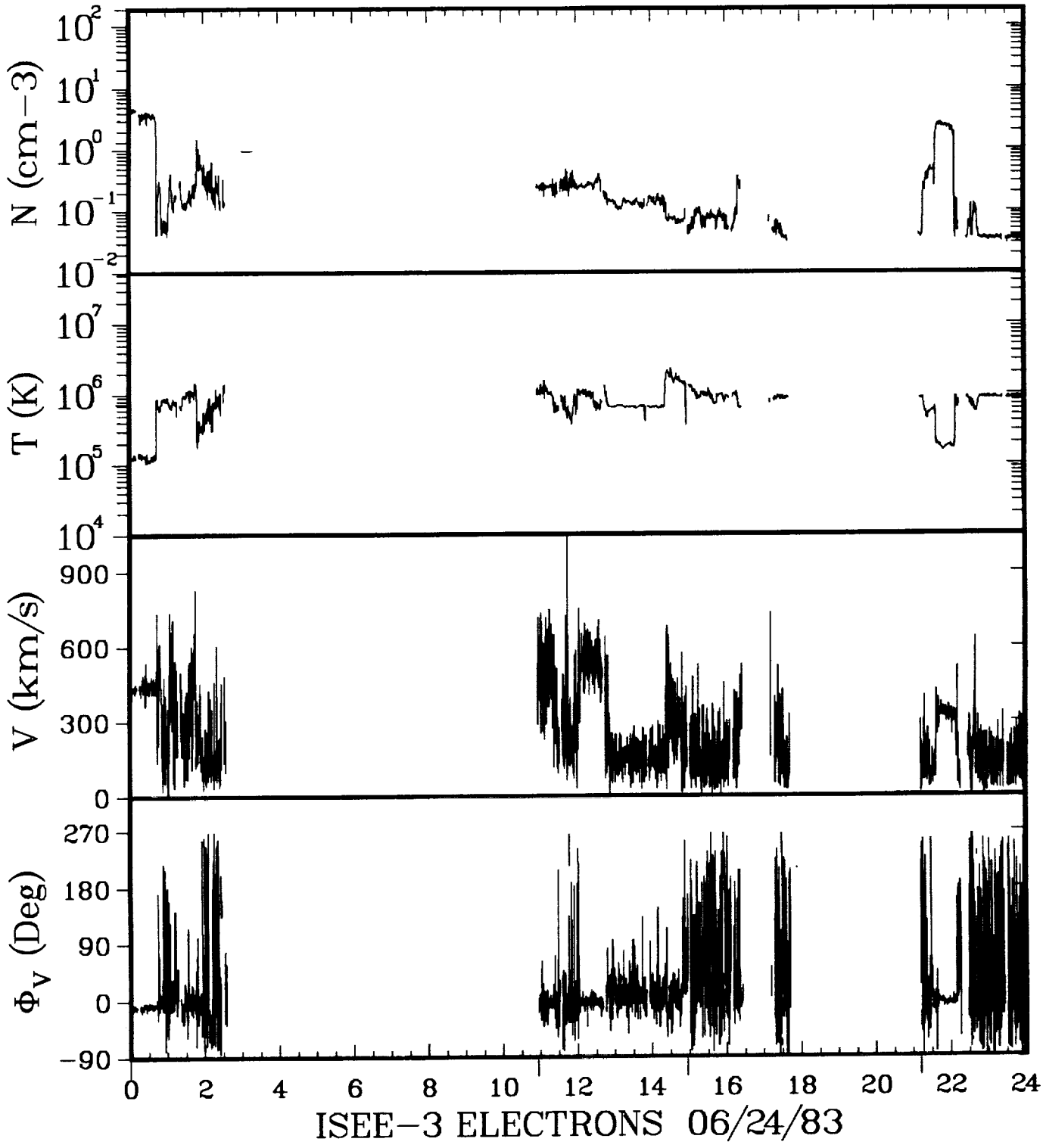
GSEX	-233.7	-233.8	-234.0	-234.2
Y	3.3	3.4	3.5	3.6
Z	-19.5	-19.4	-19.3	-19.1
GSMY	7.3	3.8	-0.8	6.1
Z	-18.4	-19.3	-19.6	-18.5



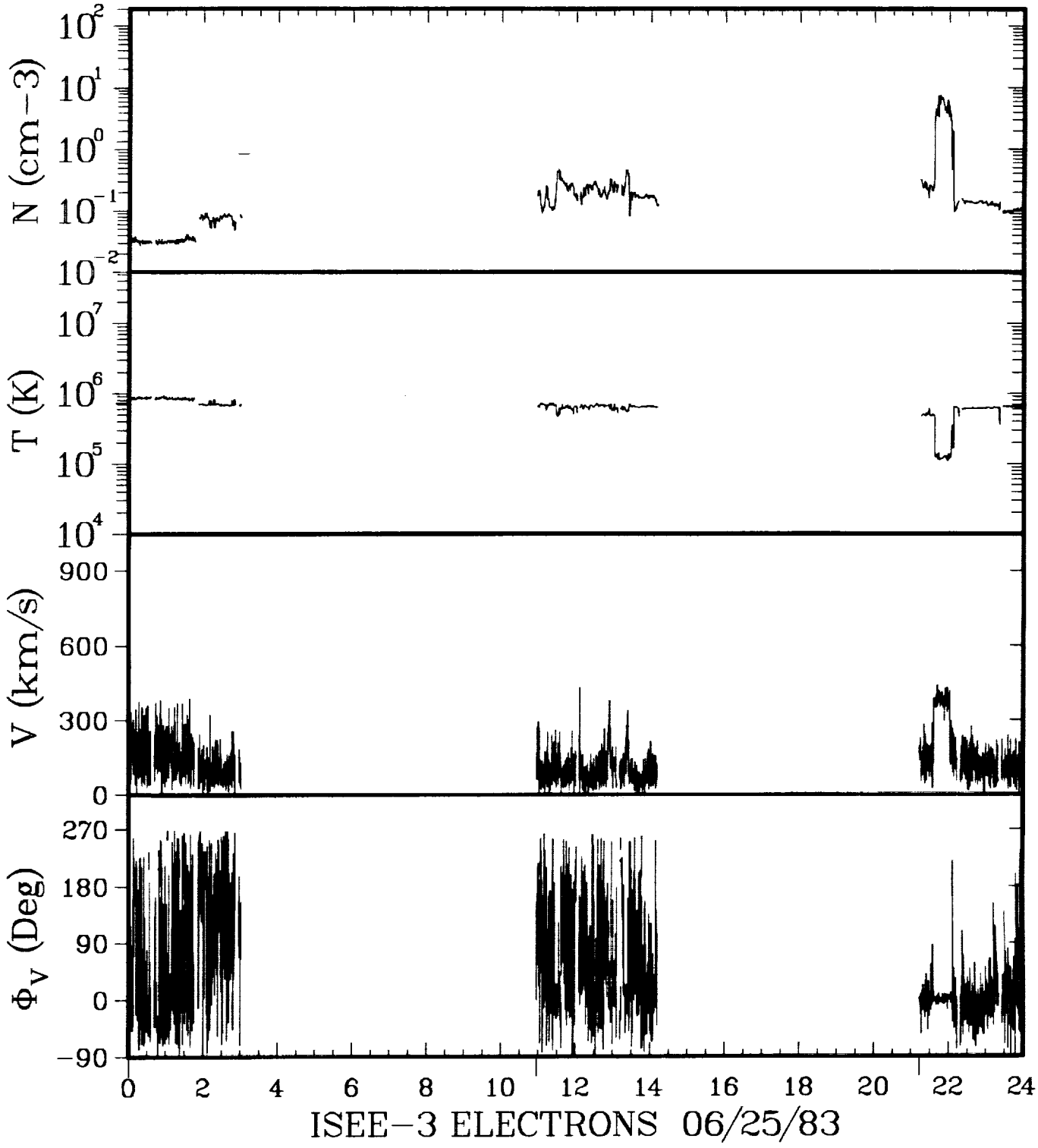
GSEX	-234.3	-234.4	-234.5	-234.6	-234.7
Y	3.7	3.7	3.8	3.9	4.0
Z	-19.0	-18.9	-18.8	-18.7	-18.6
GSMY	7.4	3.1	-0.5	1.8	7.7
Z	-17.9	-19.0	-19.2	-19.0	-17.4



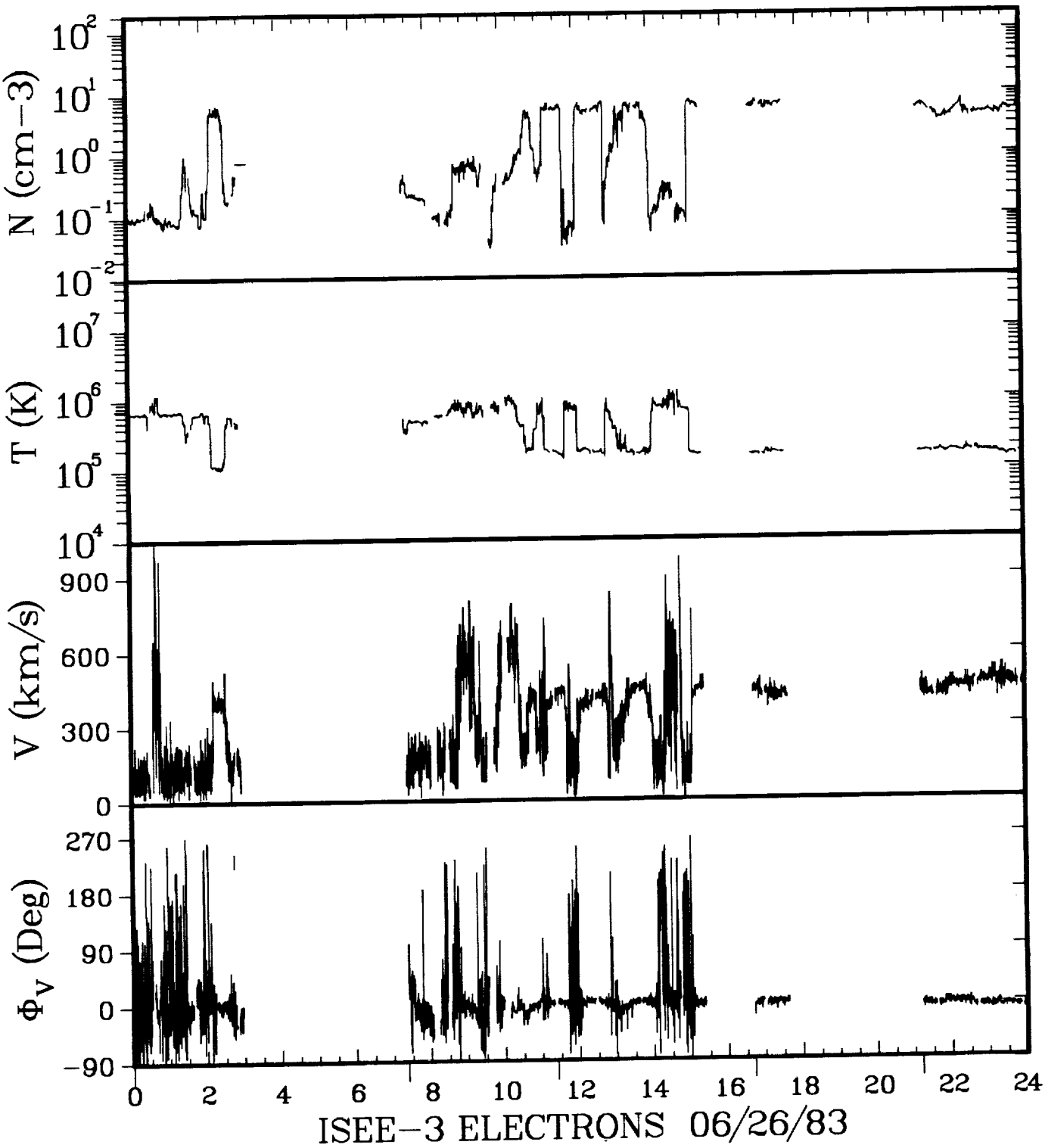
GSEX	-234.7	-234.8	-234.9	-234.9	-235.0	-235.1
Y	4.0	4.1	4.1	4.2	4.2	4.3
Z	-18.6	-18.5	-18.4	-18.3	-18.2	-18.1
GSMY	7.5	4.3	0.6	0.0	3.7	7.8
Z	-17.4	-18.4	-18.8	-18.8	-18.3	-16.9



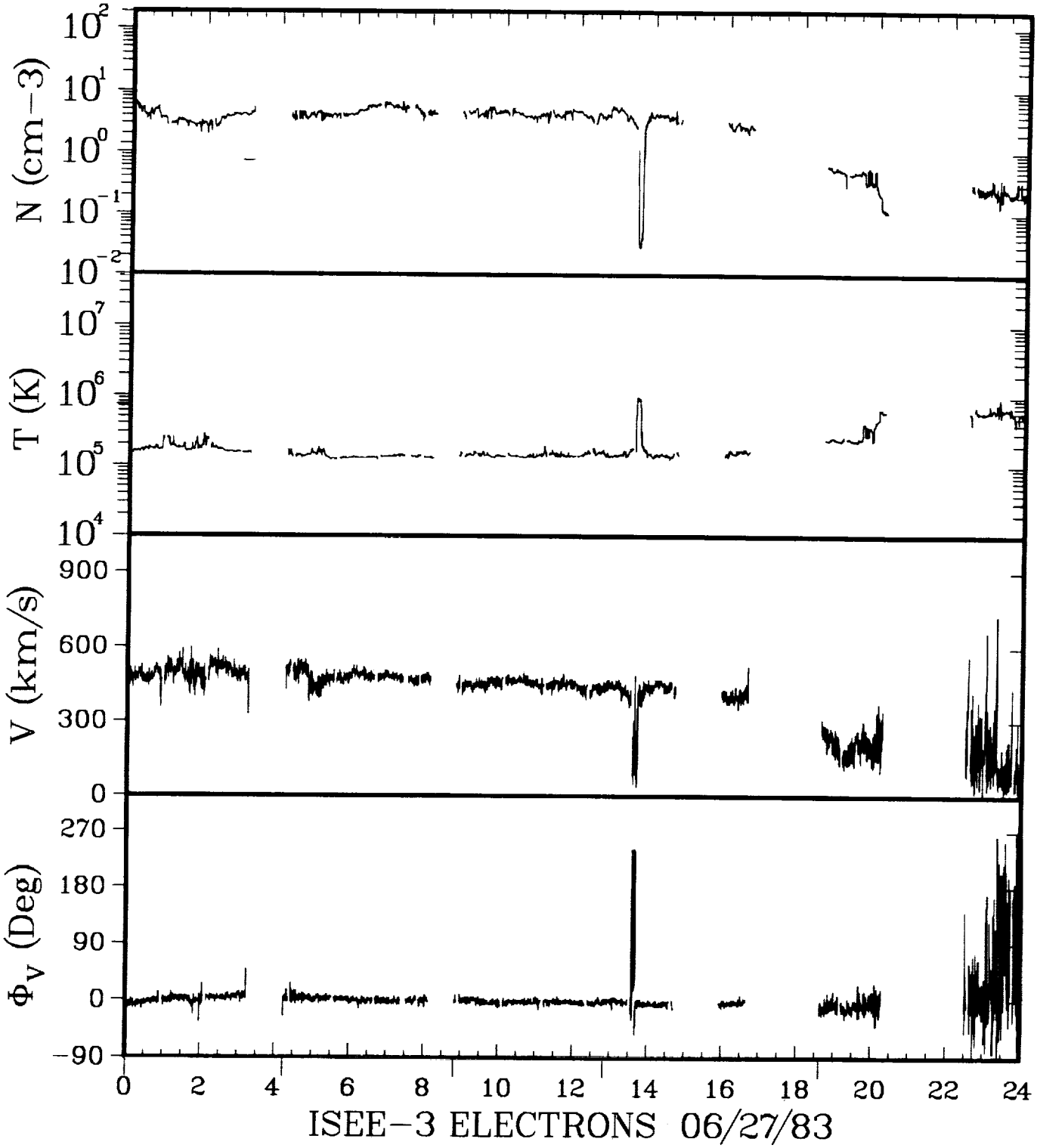
GSEX	-235.1	-235.3	-235.4	-235.4
Y	4.3	4.5	4.5	4.6
Z	-18.1	-17.8	-17.7	-17.6
GSMY	7.6	0.1	2.3	7.9
Z	-16.9	-18.4	-18.2	-16.4



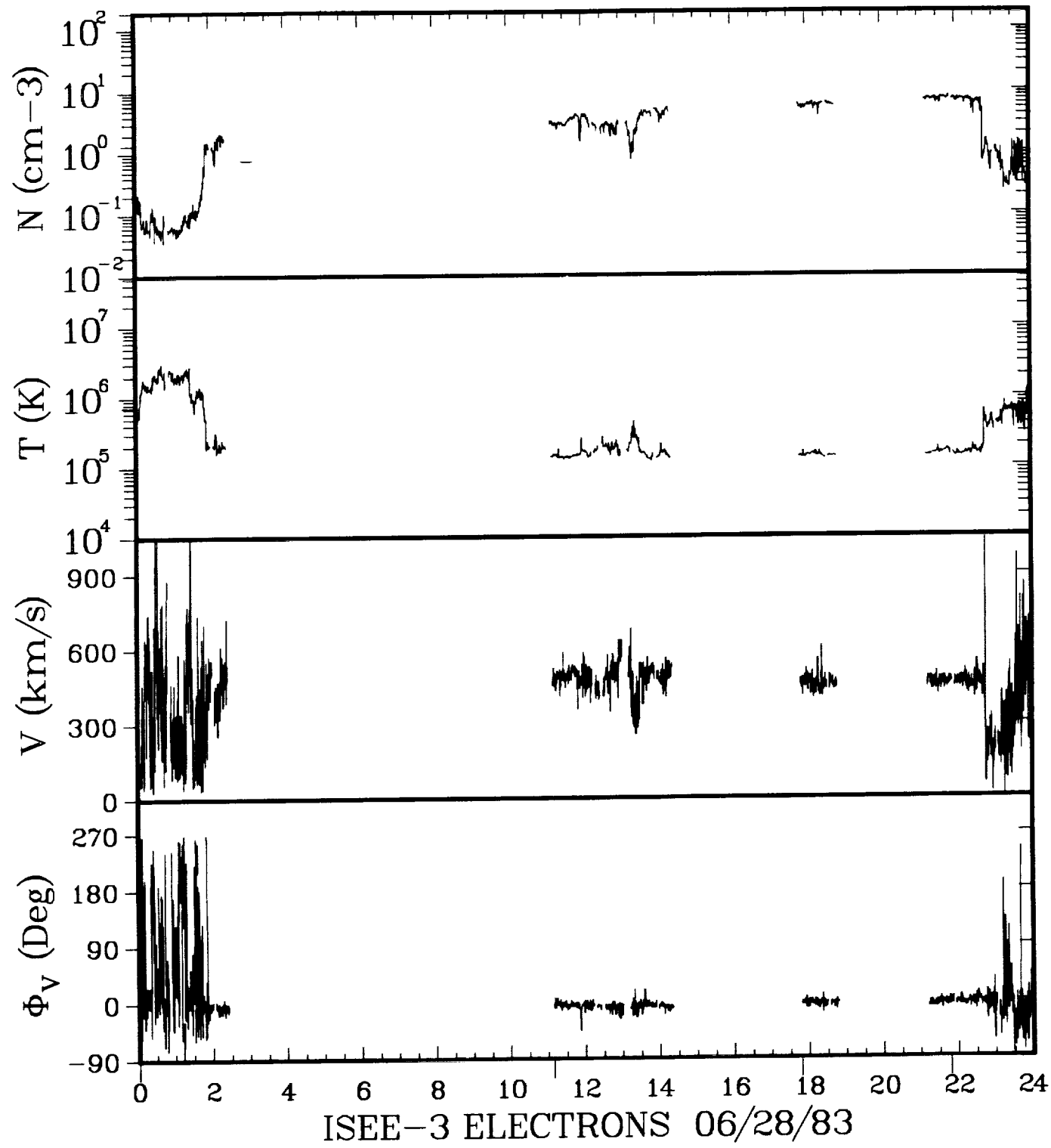
GSEX	-235.5	-235.6	-235.7
Y	4.6	4.8	4.9
Z	-17.5	-17.3	-17.1
GSMY	7.7	0.4	8.0
Z	-16.4	-17.9	-15.8



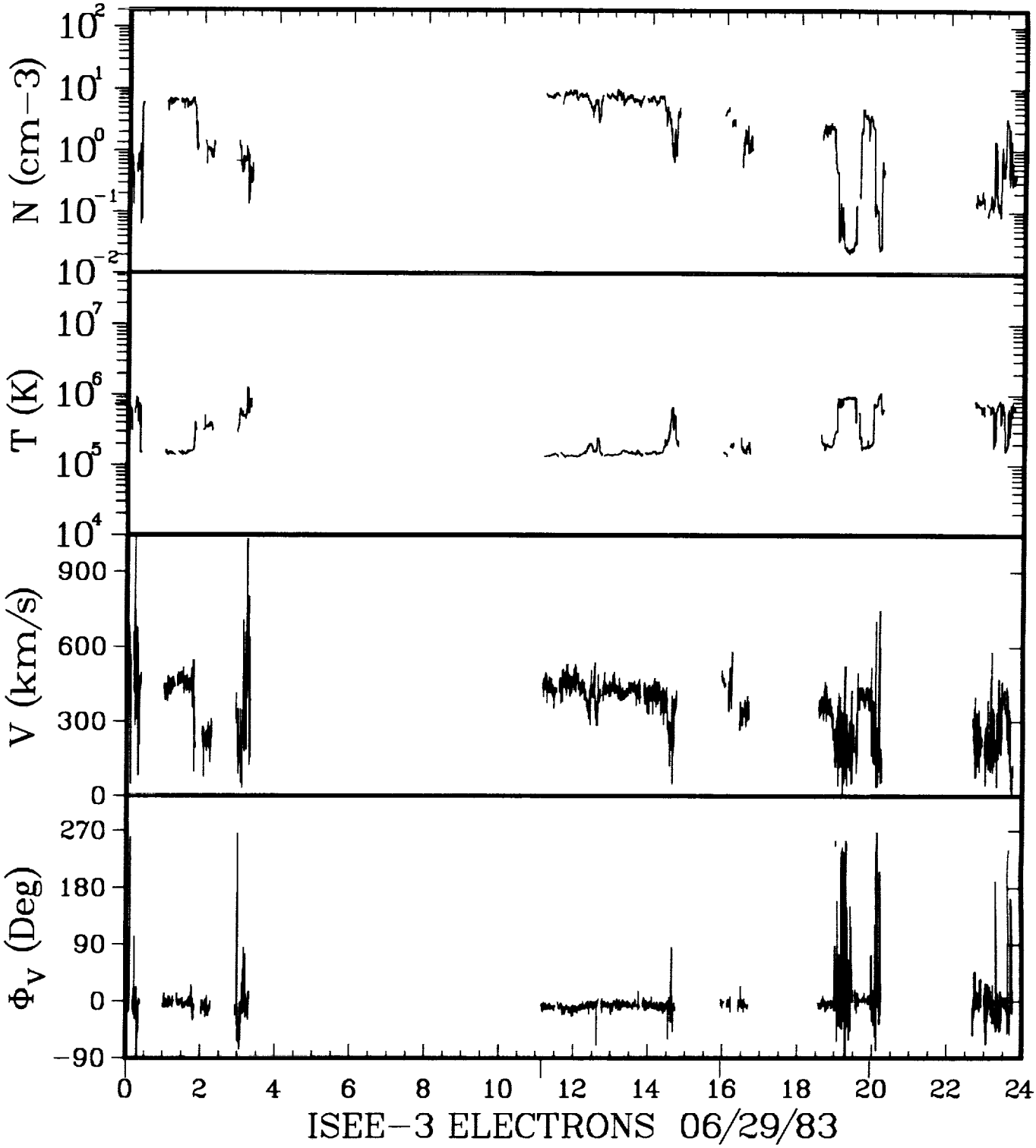
GSEX	-235.8	-235.8	-235.9	-235.9	-236.0
Y	5.0	5.1	5.1	5.2	5.3
Z	-17.0	-16.8	-16.7	-16.6	-16.5
GSMY	7.9	2.2	0.7	4.7	8.1
Z	-15.9	-17.4	-17.5	-16.8	-15.3



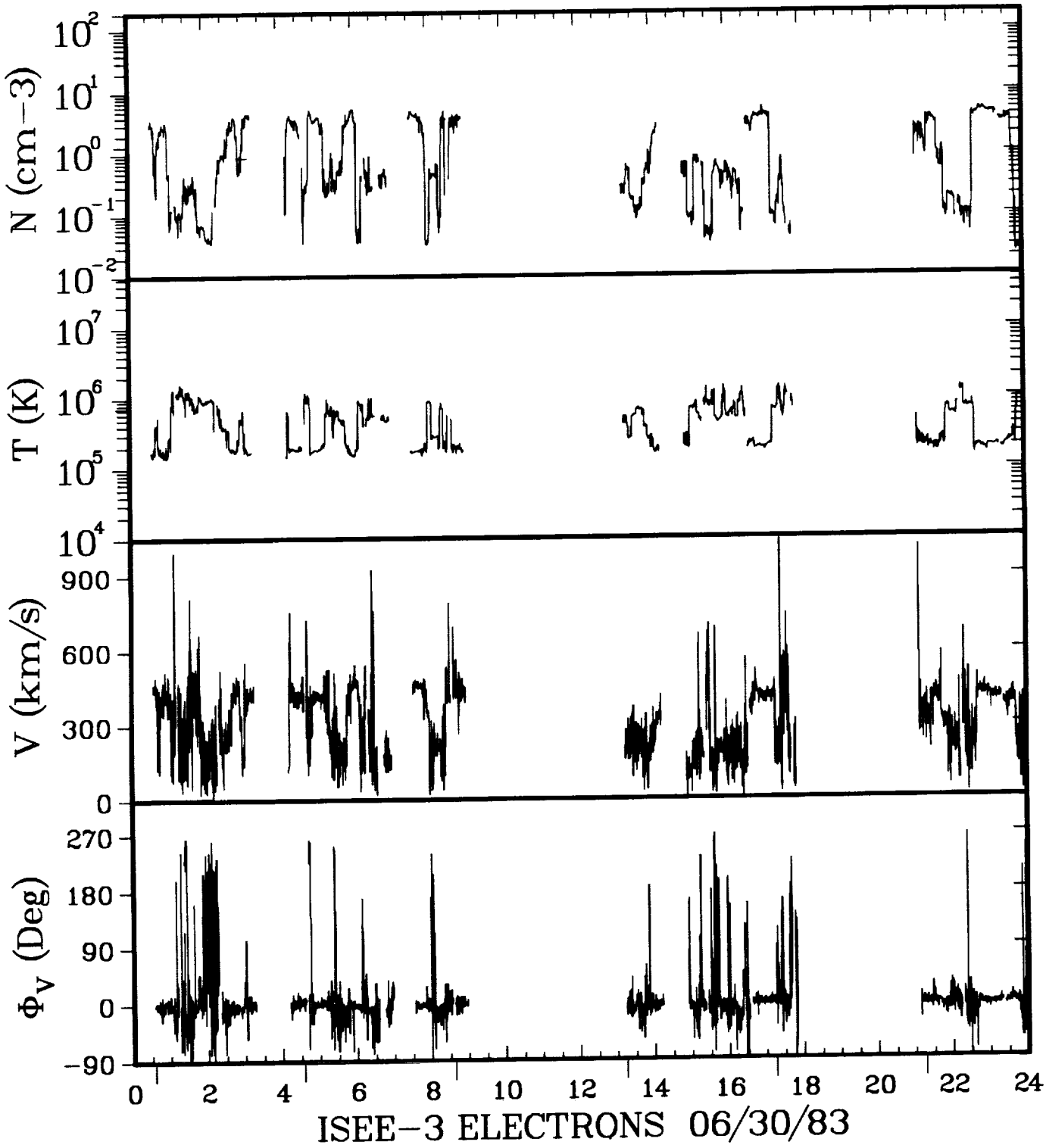
GSEX	-236.0	-236.0	-236.0	-236.1	-236.1
Y	5.3	5.4	5.4	5.5	5.6
Z	-16.4	-16.3	-16.2	-16.1	-16.0
GSMY	8.0	5.1	1.6	1.5	6.8
Z	-15.3	-16.4	-17.0	-17.0	-15.5



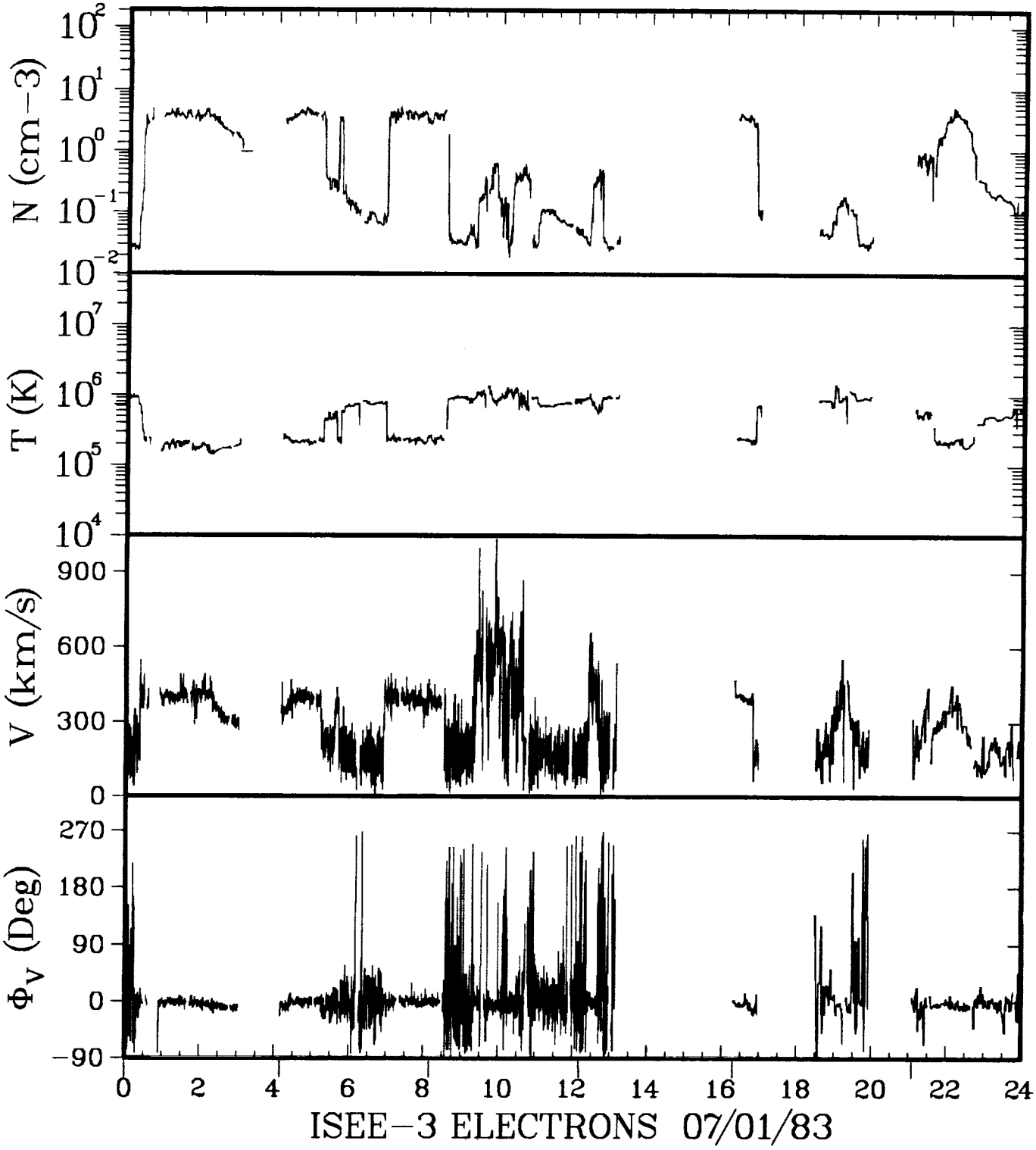
GSEX	-236.1	-236.2	-236.2	-236.2
Y	5.7	5.8	5.9	6.0
Z	-15.8	-15.6	-15.4	-15.3
GSMY	8.1	1.4	6.3	8.5
Z	-14.7	-16.6	-15.2	-14.0



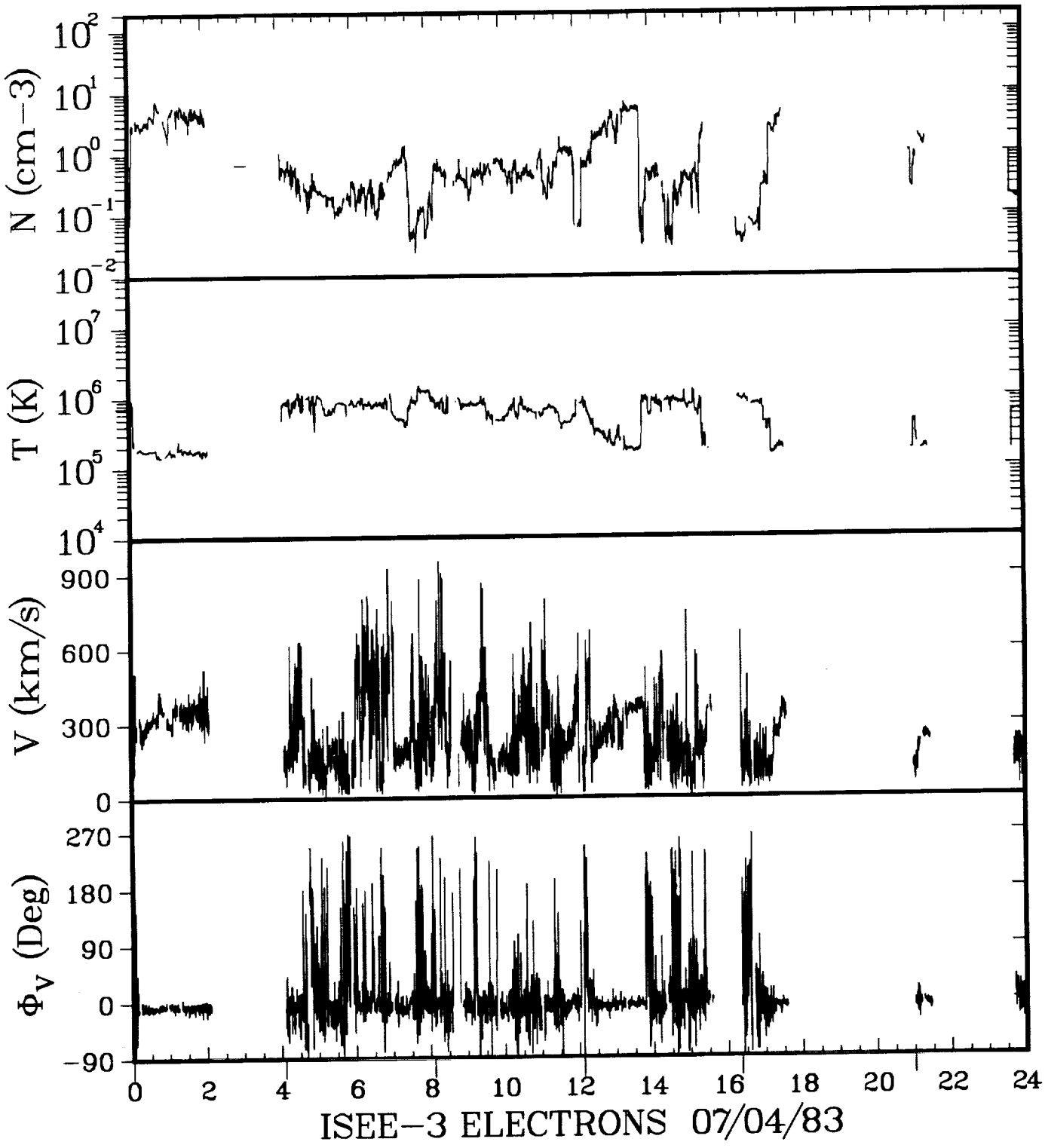
GSEX	-236.3	-236.3	-236.3	-236.3
Y	6.0	6.2	6.3	6.3
Z	-15.2	-15.0	-14.8	-14.7
GSMY	8.3	1.9	4.7	8.1
Z	-14.1	-16.1	-15.4	-13.8



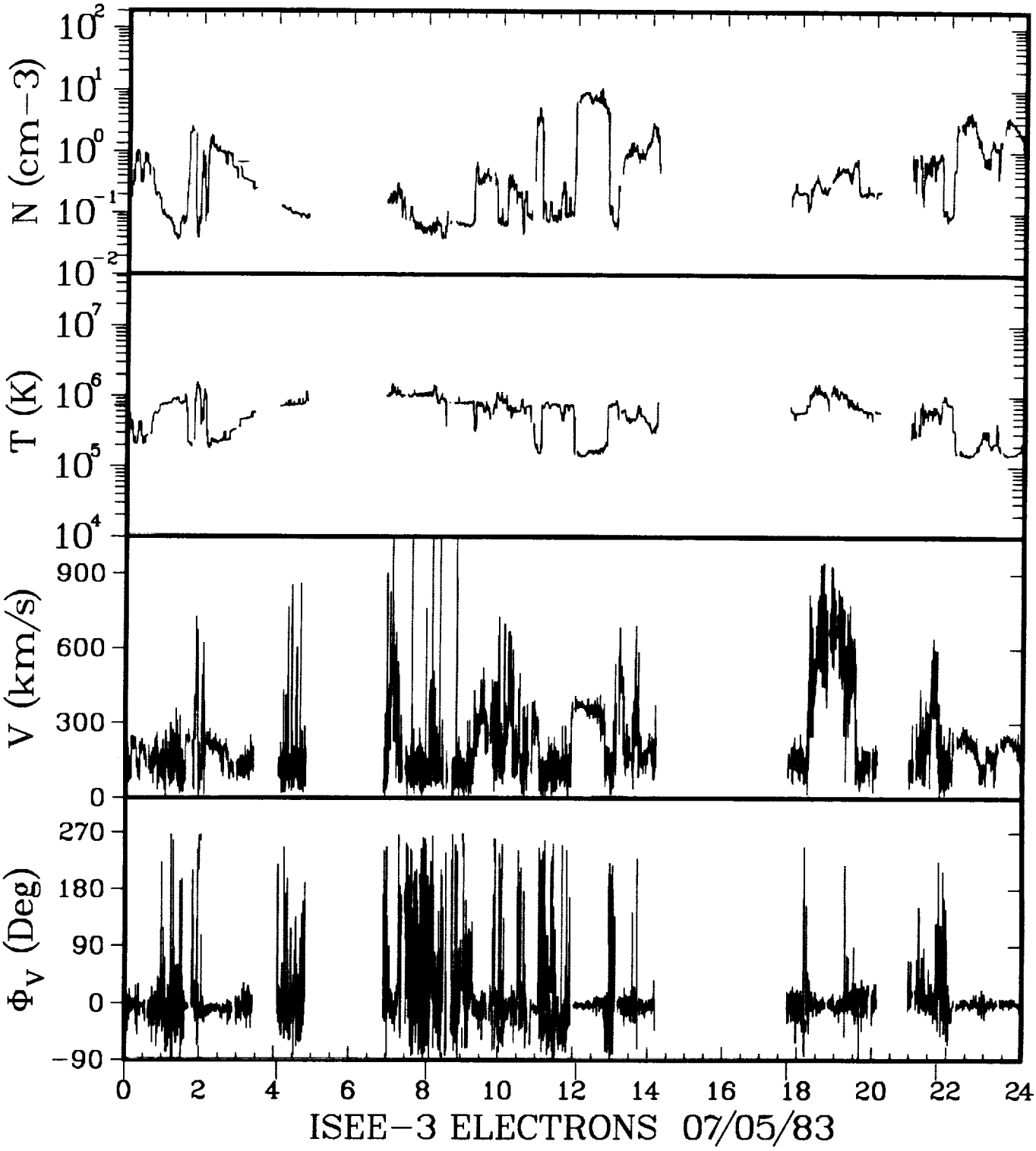
GSEX	-236.3	-236.3	-236.3	-236.3	-236.3	-236.3
Y	6.4	6.5	6.6	6.6	6.7	6.8
Z	-14.6	-14.5	-14.4	-14.3	-14.2	-14.0
GSMY	8.3	5.7	2.9	2.9	6.4	8.8
Z	-13.6	-14.8	-15.6	-15.5	-14.3	-12.9



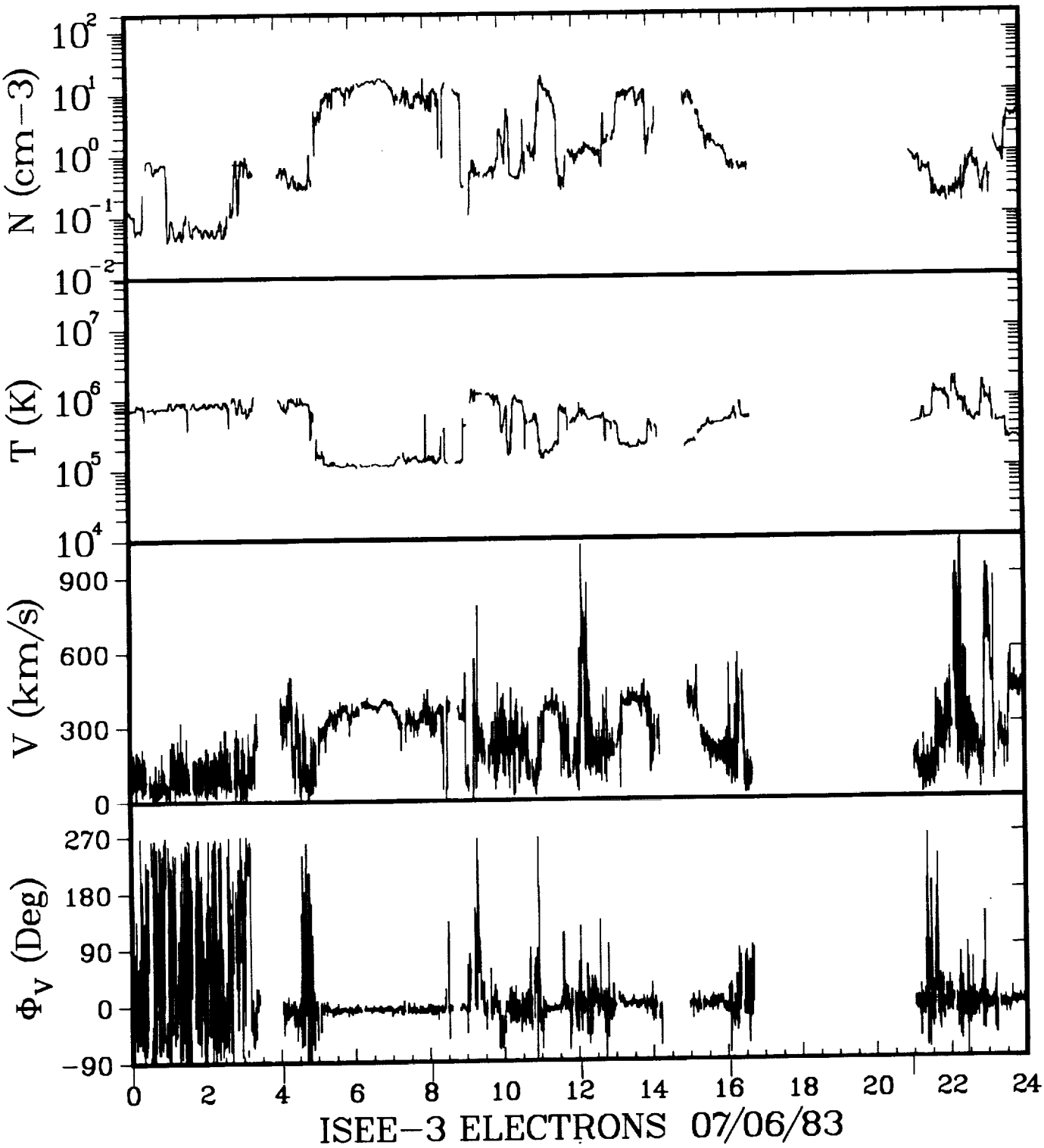
GSEX	-236.3	-236.3	-236.3	-236.3	-236.3	-236.3
Y	6.8	6.9	7.0	7.0	7.1	7.2
Z	-14.0	-13.9	-13.8	-13.6	-13.5	-13.4
GSMY	8.7	6.3	3.5	3.0	5.8	9.0
Z	-12.9	-14.1	-15.0	-15.1	-14.1	-12.2



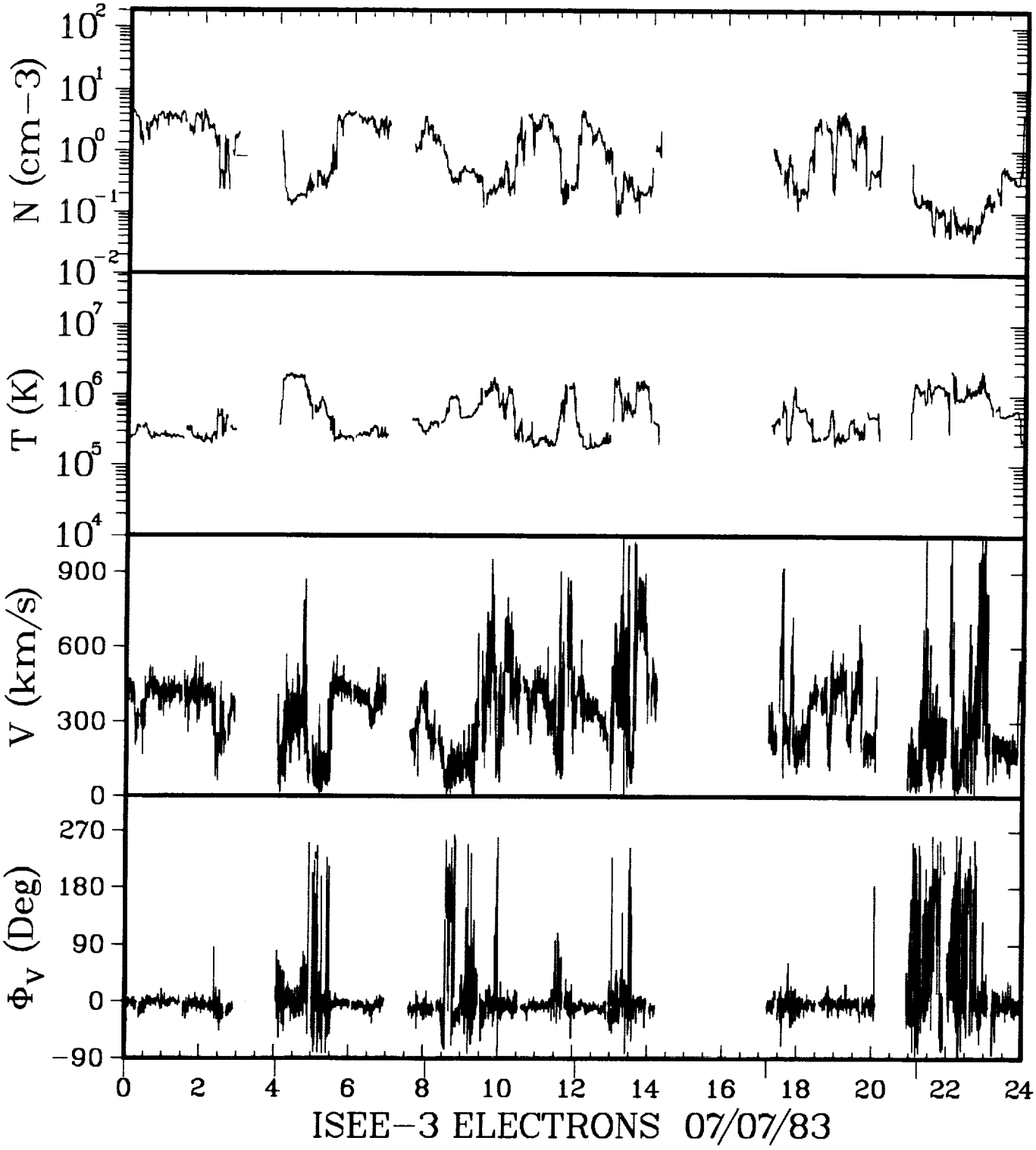
GSEX	-236.1	-236.1	-236.1	-236.1	-236.1	-236.0
Y	8.2	8.3	8.4	8.5	8.6	8.7
Z	-11.9	-11.8	-11.7	-11.5	-11.4	-11.3
GSMY	9.6	7.6	5.2	4.6	7.3	10.0
Z	-10.9	-12.2	-13.4	-13.6	-12.3	-10.2



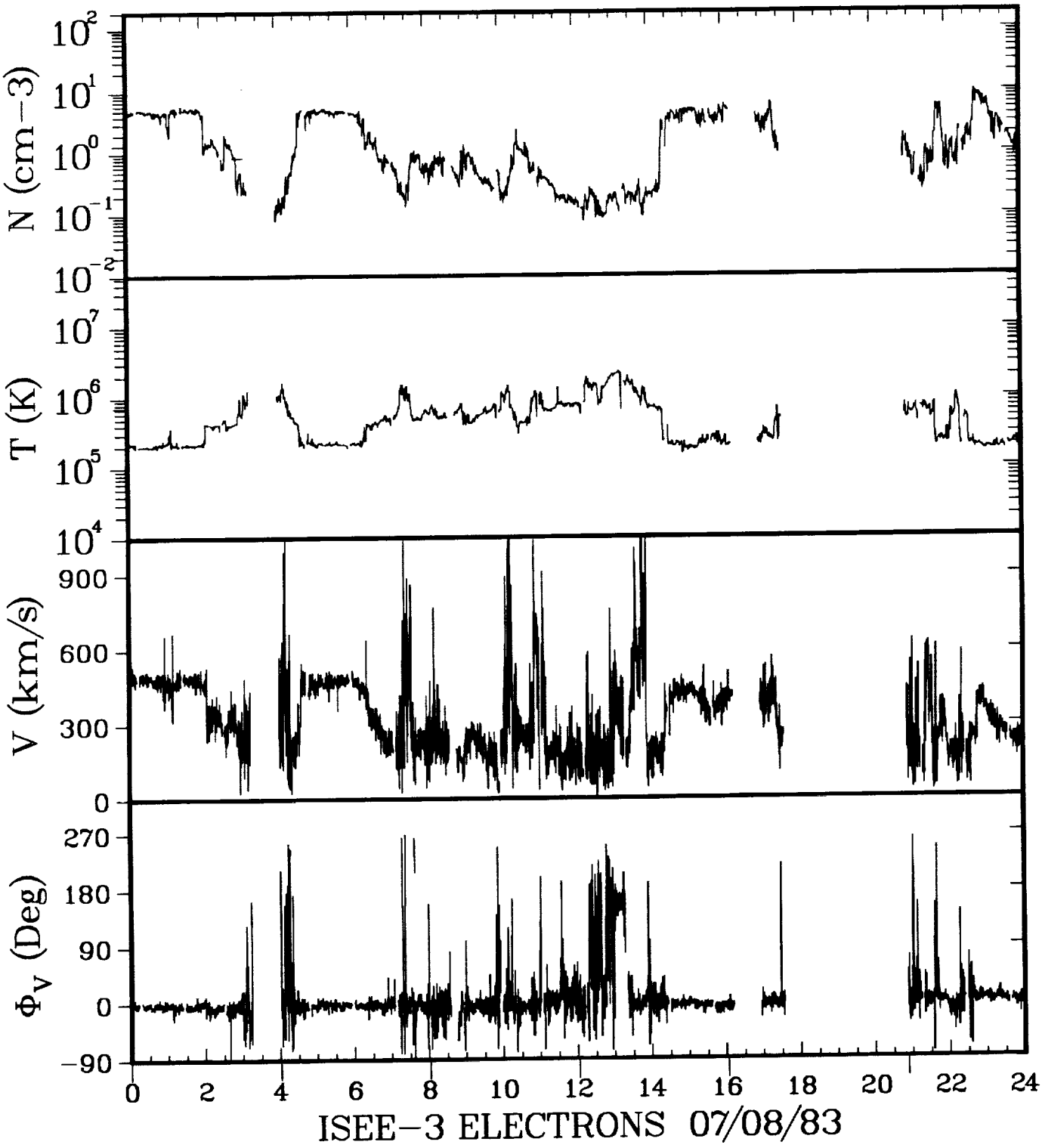
GSEX	-236.0	-236.0	-236.0	-236.0	-235.9	-235.9
Y	8.8	8.9	8.9	9.0	9.2	9.3
Z	-11.2	-11.1	-10.9	-10.8	-10.6	-10.5
GSMY	9.9	8.1	5.8	5.3	8.8	10.5
Z	-10.1	-11.6	-12.9	-13.1	-10.9	-9.3



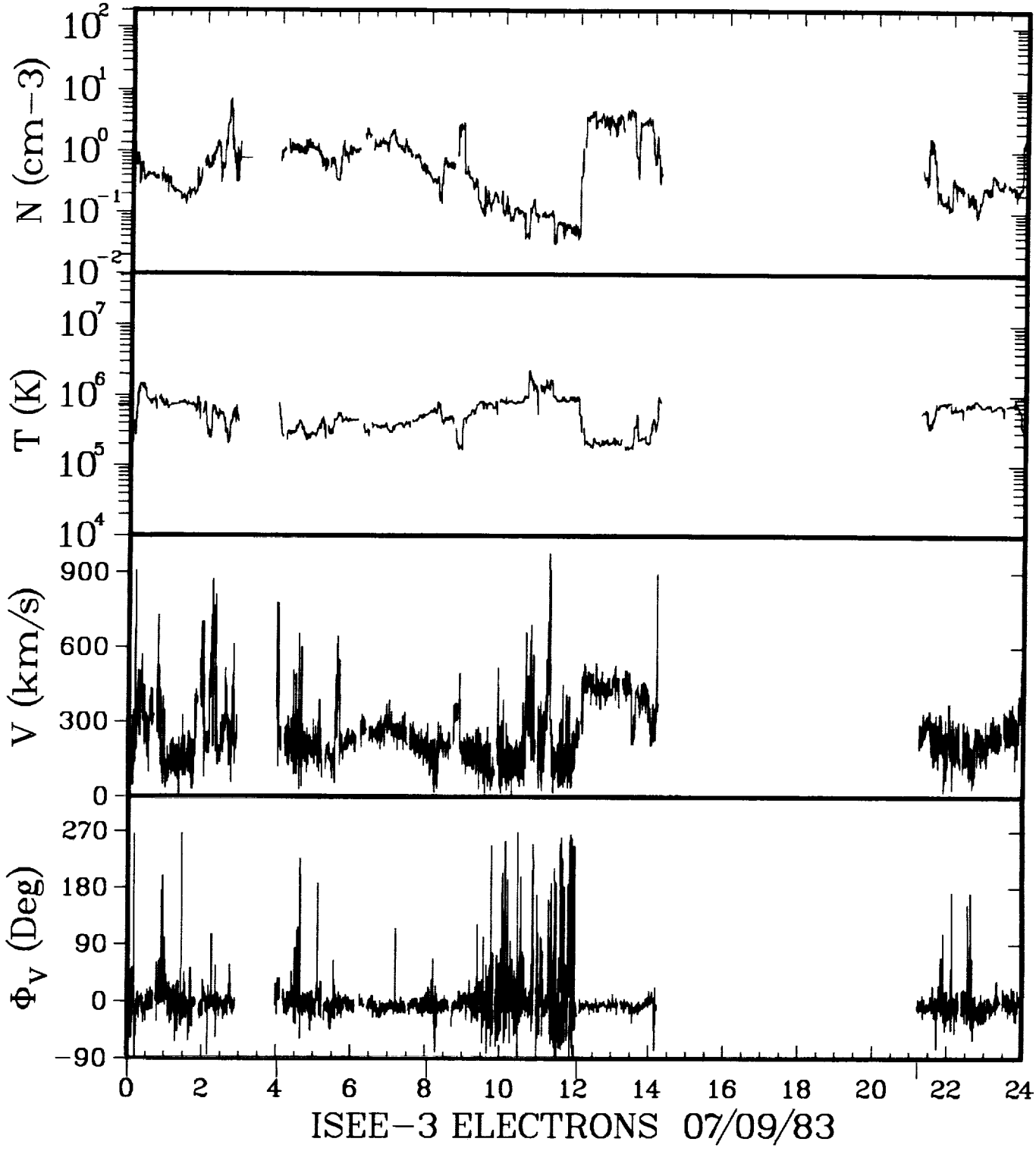
GSEX	-235.9	-235.9	-235.8	-235.8	-235.8	-235.8
Y	9.3	9.4	9.5	9.6	9.7	9.8
Z	-10.4	-10.3	-10.2	-10.1	-9.9	-9.8
GSMY	10.3	8.7	6.5	6.0	8.2	10.8
Z	-9.4	-10.9	-12.3	-12.6	-11.2	-8.7



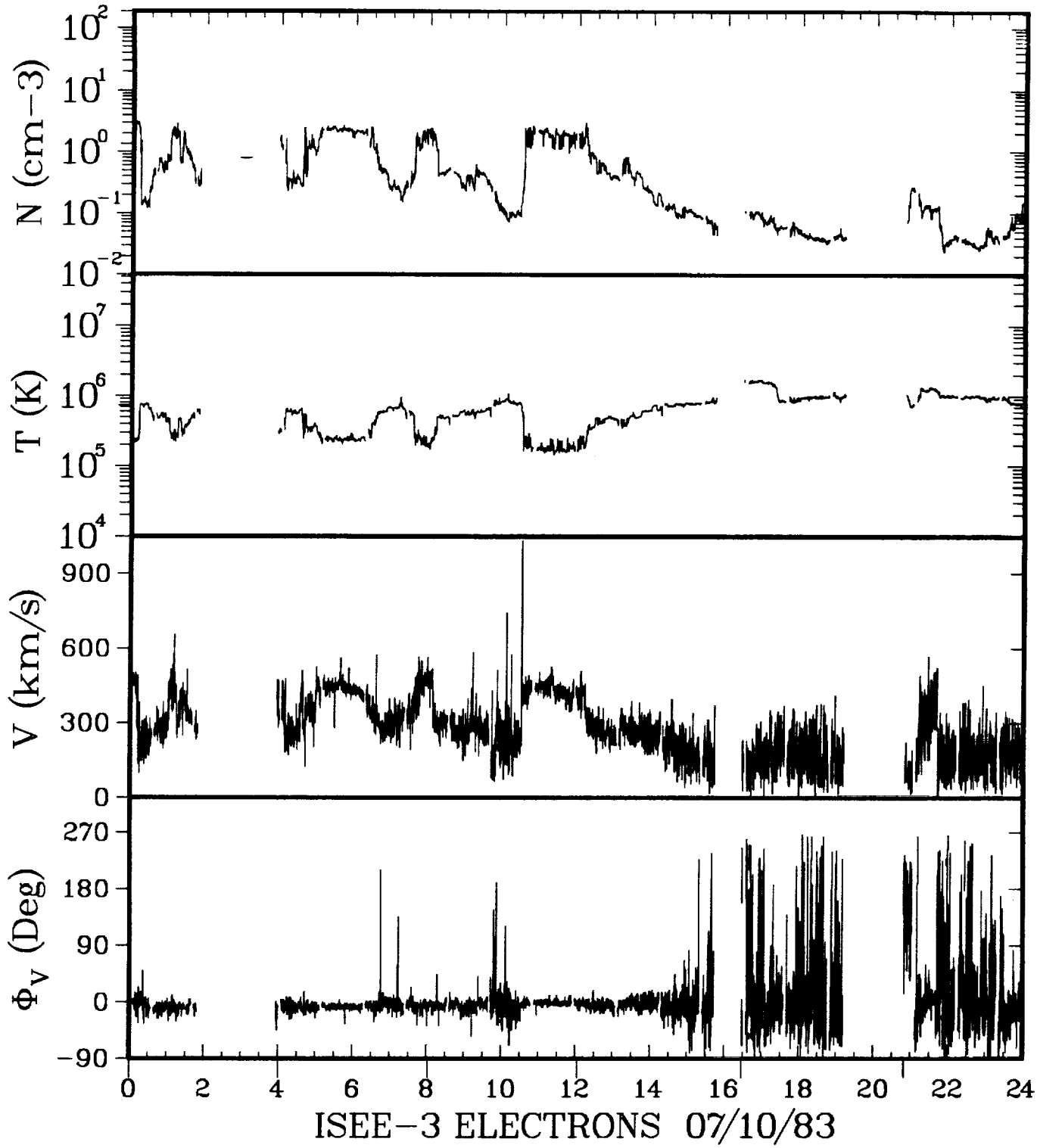
GSEX	-235.7	-235.7	-235.7	-235.7	-235.6	-235.6
Y	9.9	10.0	10.1	10.2	10.3	10.4
Z	-9.7	-9.6	-9.4	-9.3	-9.1	-9.0
GSMY	10.8	9.2	7.1	6.7	9.6	11.3
Z	-8.7	-10.3	-11.8	-12.1	-9.9	-7.9



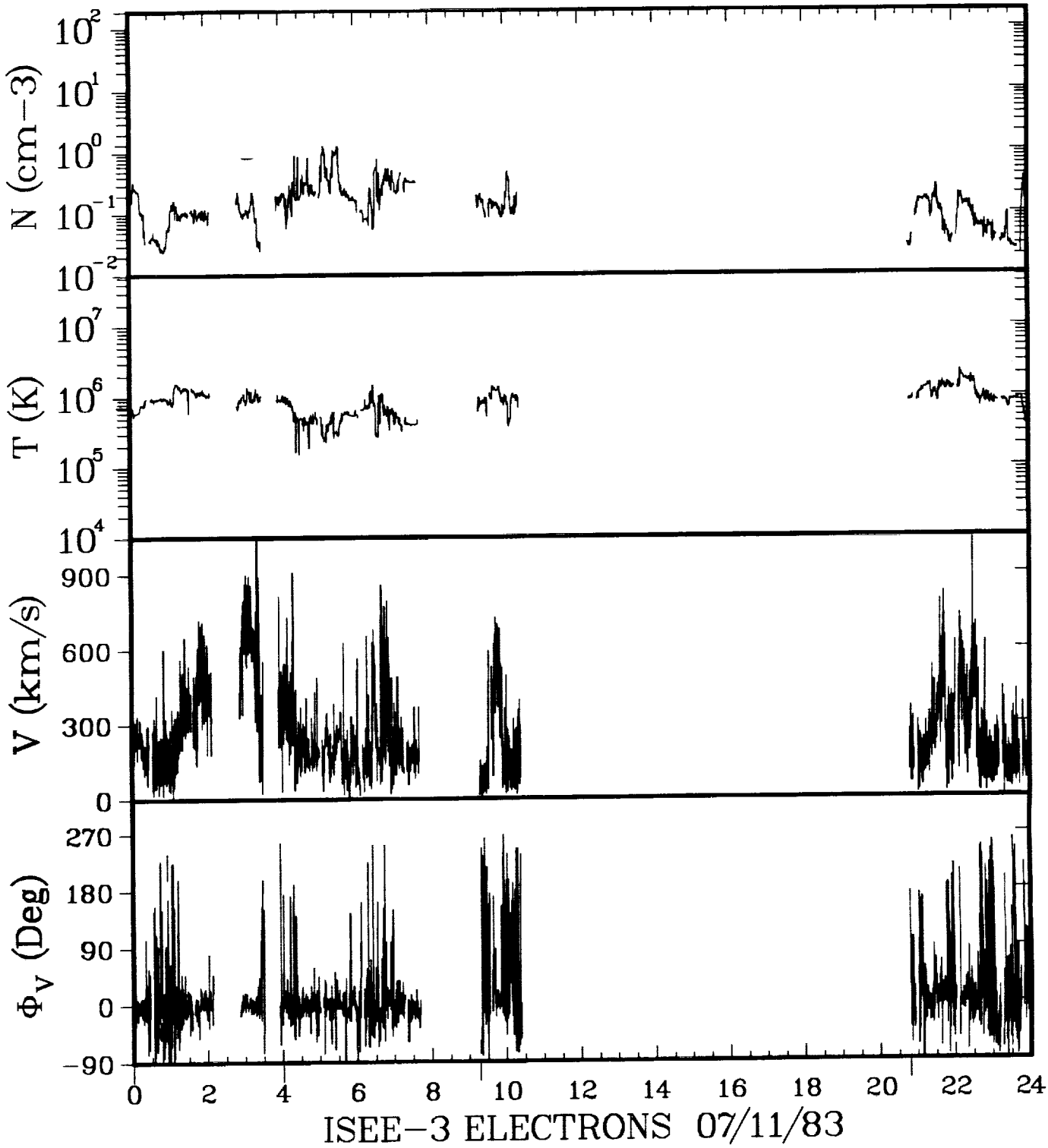
GSEX	-235.6	-235.6	-235.5	-235.5	-235.5	-235.5
Y	10.5	10.6	10.7	10.8	10.9	11.0
Z	-8.9	-8.8	-8.7	-8.5	-8.4	-8.2
GSMY	11.2	9.8	7.9	7.4	9.4	11.7
Z	-7.9	-9.6	-11.3	-11.6	-10.0	-7.3



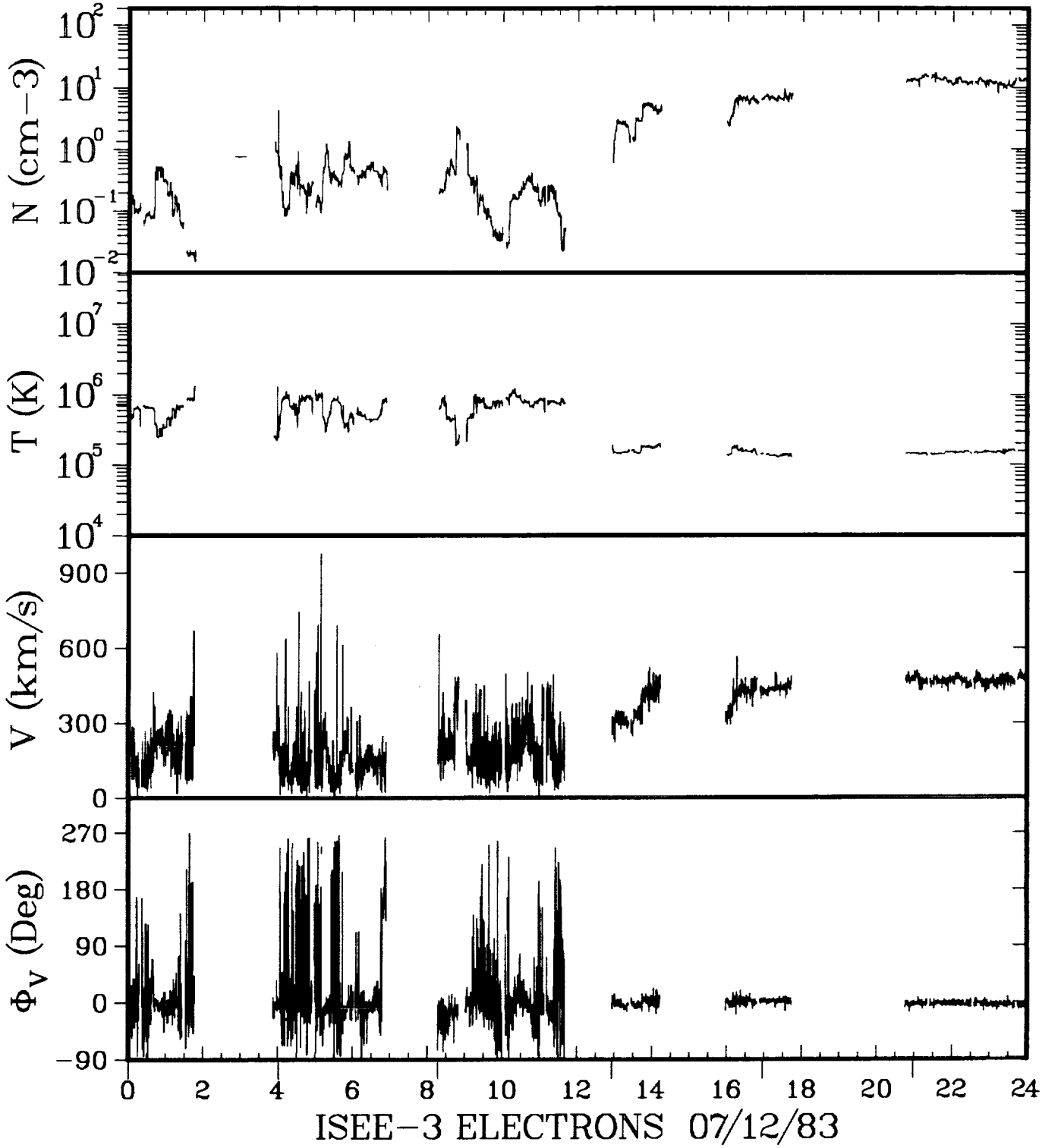
GSEX	-235.4	-235.4	-235.4	-235.4	-235.3
Y	11.1	11.2	11.3	11.4	11.6
Z	-8.1	-8.0	-7.9	-7.7	-7.4
GSMY	11.7	10.4	8.6	8.2	12.2
Z	-7.2	-8.9	-10.7	-11.1	-6.4



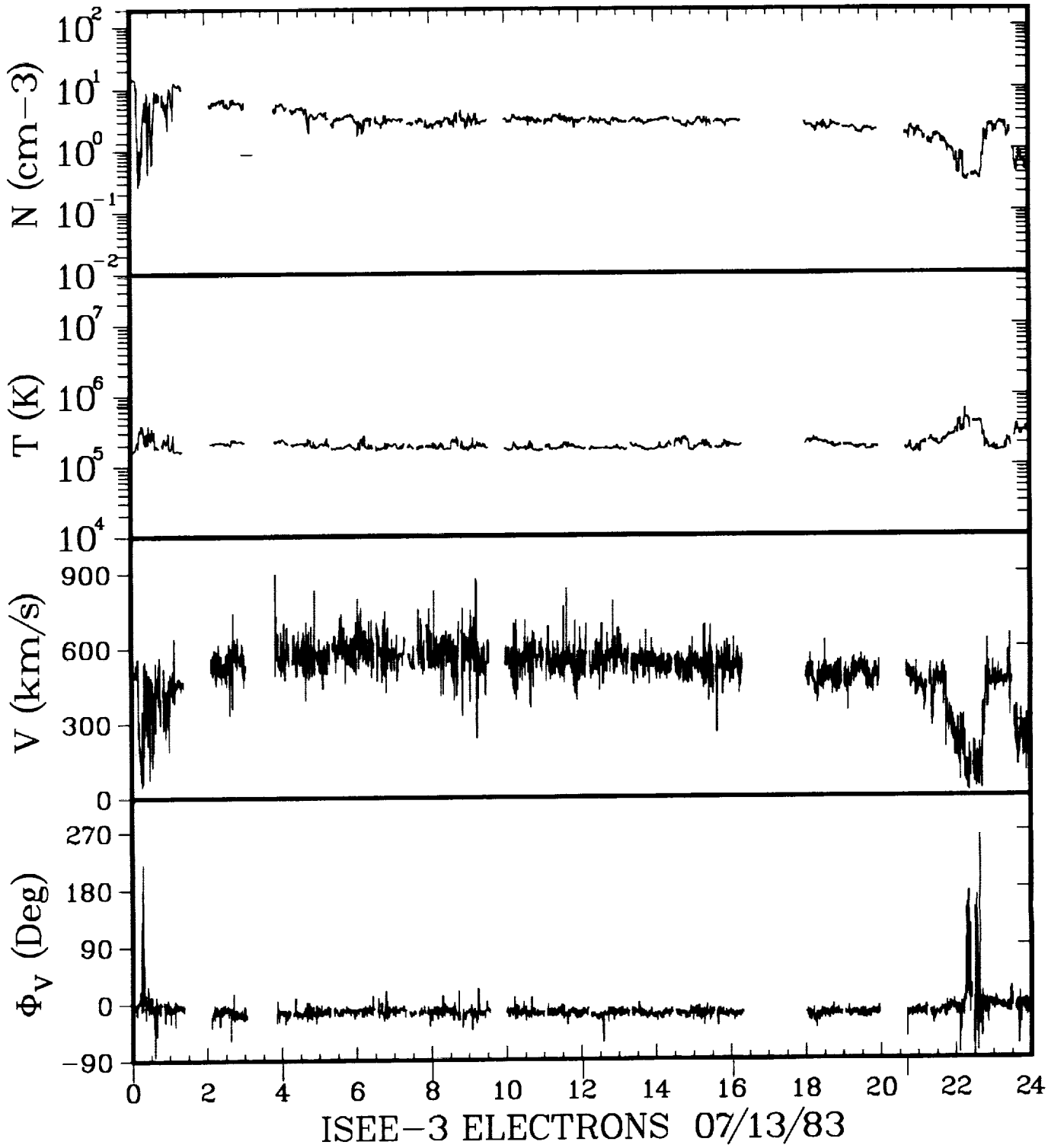
GSEX	-235.3	-235.3	-235.3	-235.2	-235.2	-235.2
Y	11.7	11.8	11.9	12.0	12.1	12.2
Z	-7.4	-7.2	-7.1	-7.0	-6.8	-6.7
GSMY	12.2	11.1	9.3	8.9	11.0	12.6
Z	-6.4	-8.3	-10.2	-10.6	-8.5	-5.8



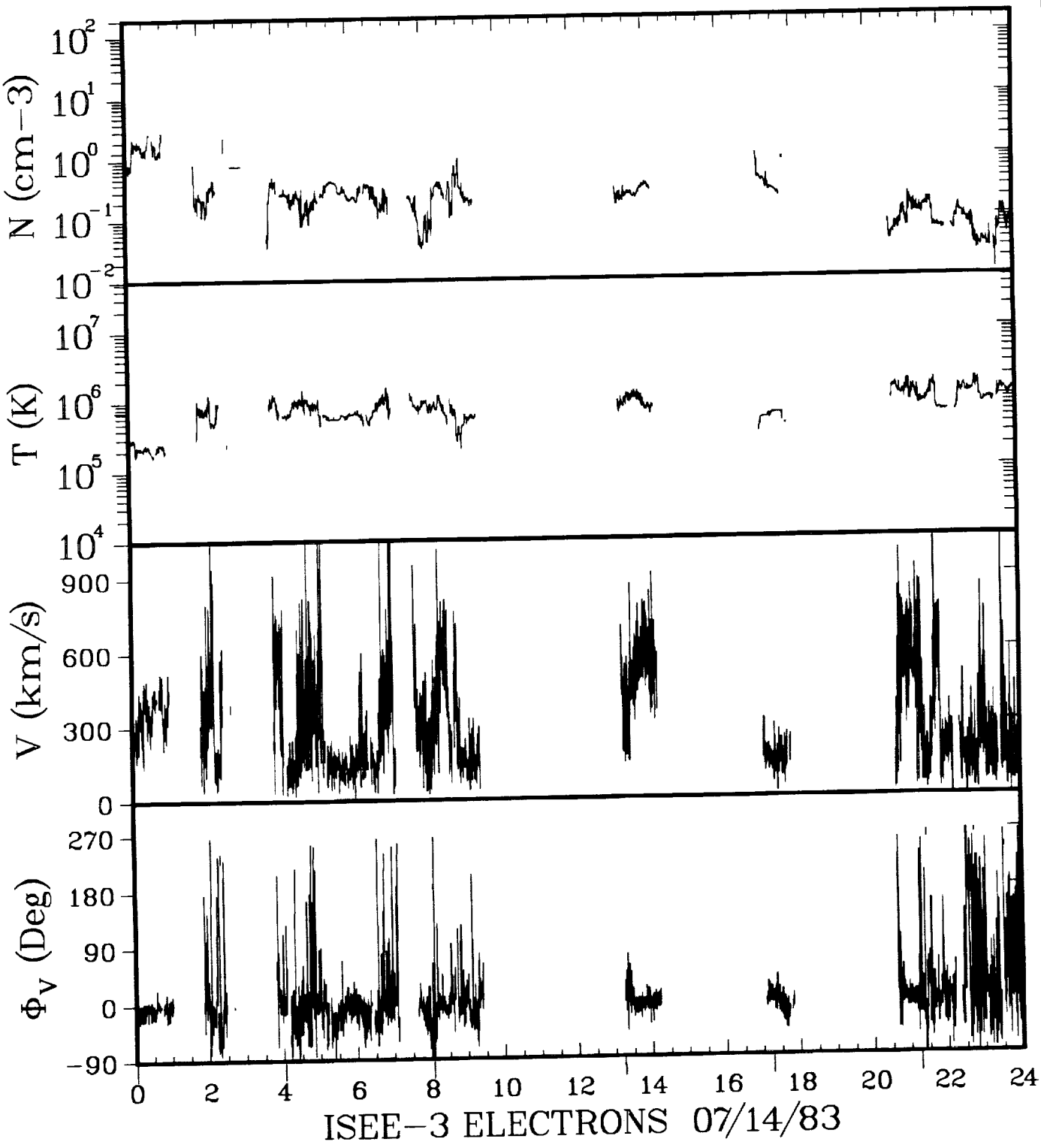
GSEX	-235.2	-235.1	-235.1	-235.1
Y	12.3	12.4	12.5	12.8
Z	-6.6	-6.4	-6.2	-5.9
GSMY	12.7	11.7	9.7	13.1
Z	-5.7	-7.6	-10.0	-5.0



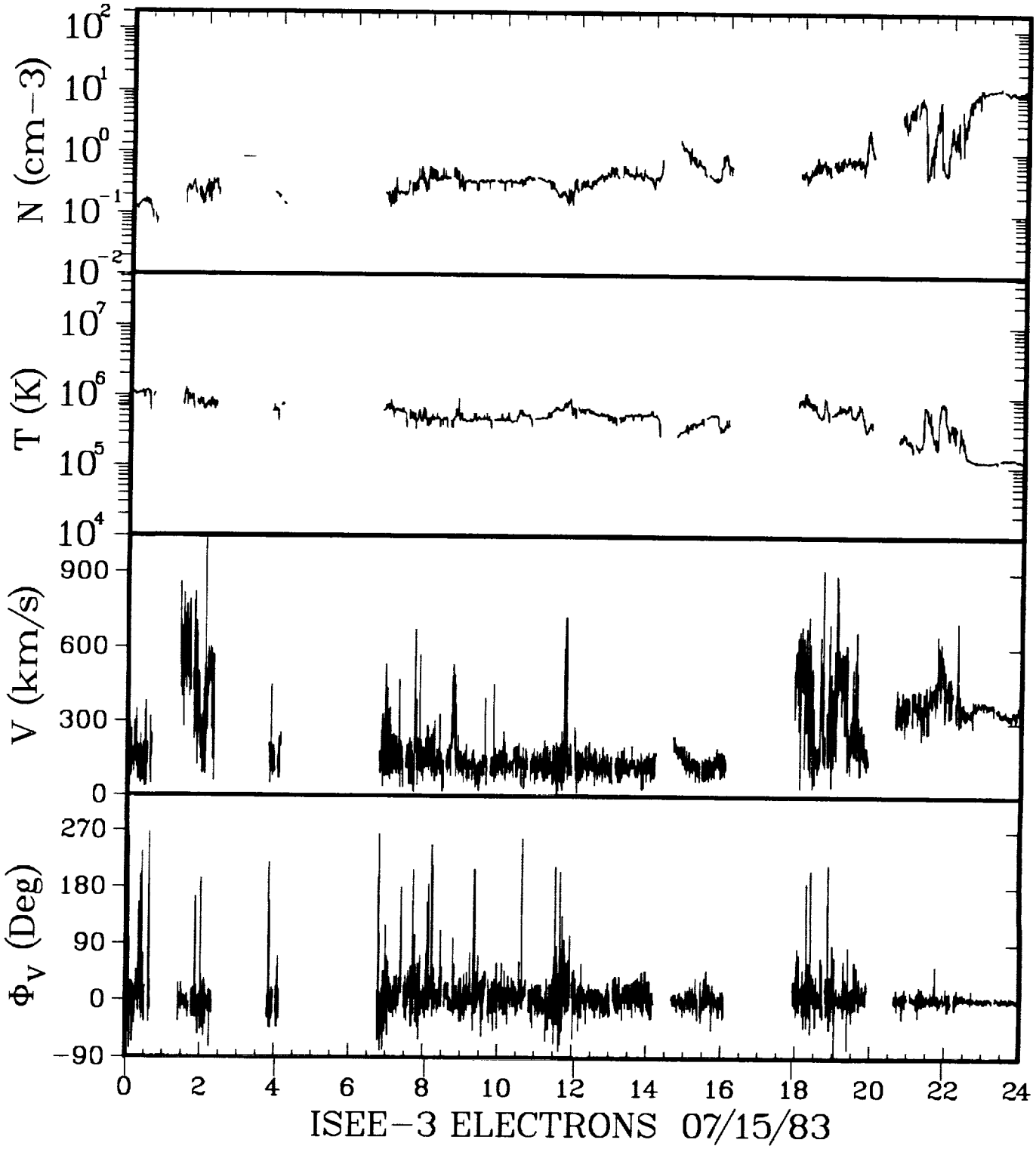
GSEX	-235.0	-235.0	-235.0	-235.0	-235.0	-235.0
Y	12.8	12.9	13.0	13.1	13.2	13.3
Z	-5.8	-5.6	-5.5	-5.3	-5.2	-5.1
GSMY	13.2	12.3	10.7	10.6	12.4	13.6
Z	-4.9	-7.0	-9.2	-9.4	-6.8	-4.2



GSEX	-234.9	-234.9	-234.9	-234.9	-234.9	-234.9
Y	13.4	13.5	13.5	13.6	13.7	13.8
Z	-5.0	-4.8	-4.7	-4.5	-4.4	-4.3
GSMY	13.6	12.8	11.5	11.1	12.6	14.0
Z	-4.2	-6.3	-8.6	-9.1	-7.0	-3.6



GSEX	-234.8	-234.8	-234.8	-234.8	-234.8	-234.7
Y	13.9	14.0	14.0	14.1	14.2	14.3
Z	-4.1	-4.0	-3.9	-3.7	-3.6	-3.4
GSMY	14.1	13.4	12.1	12.1	13.7	14.4
Z	-3.5	-5.6	-8.1	-8.2	-5.3	-2.7



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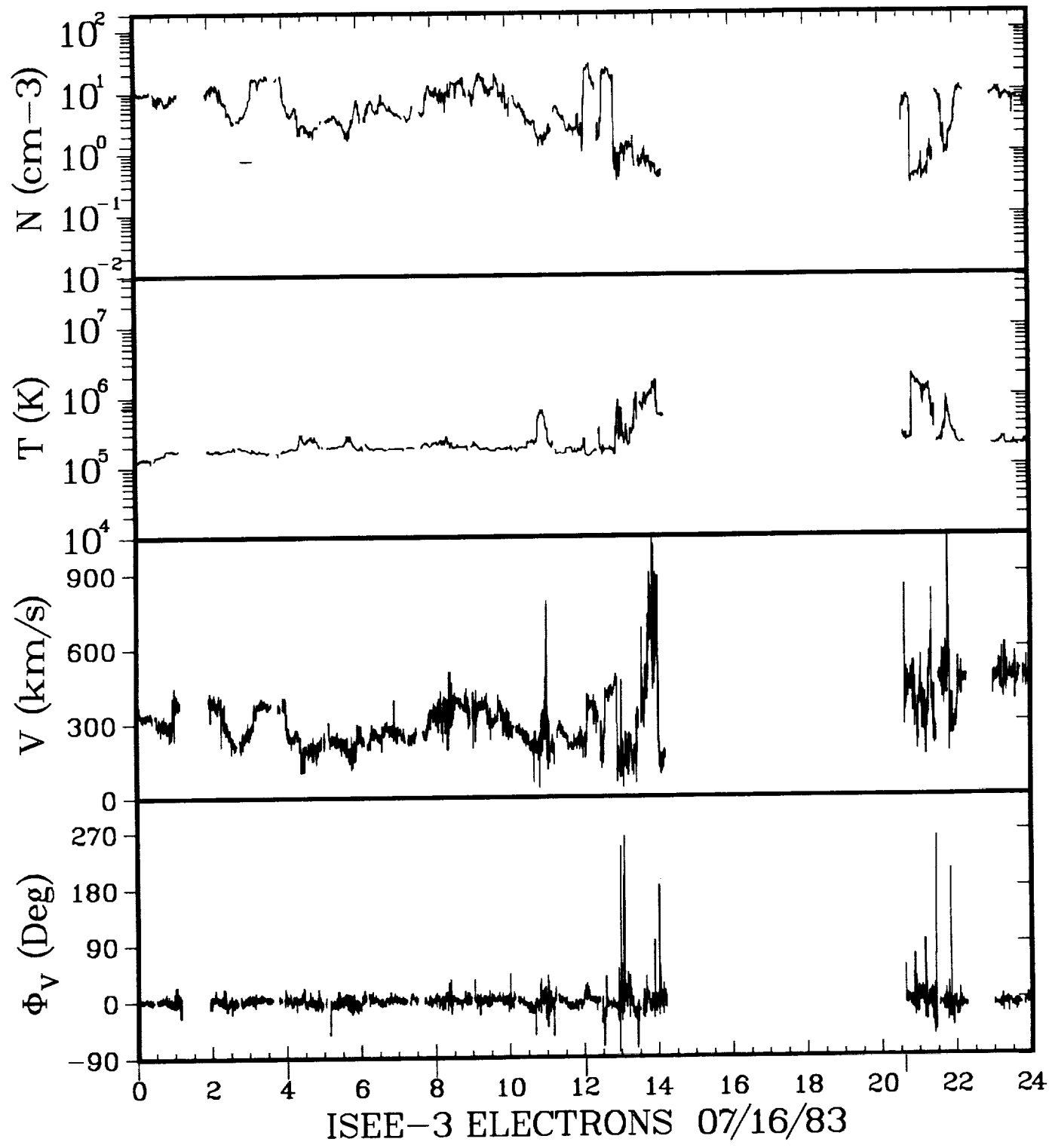
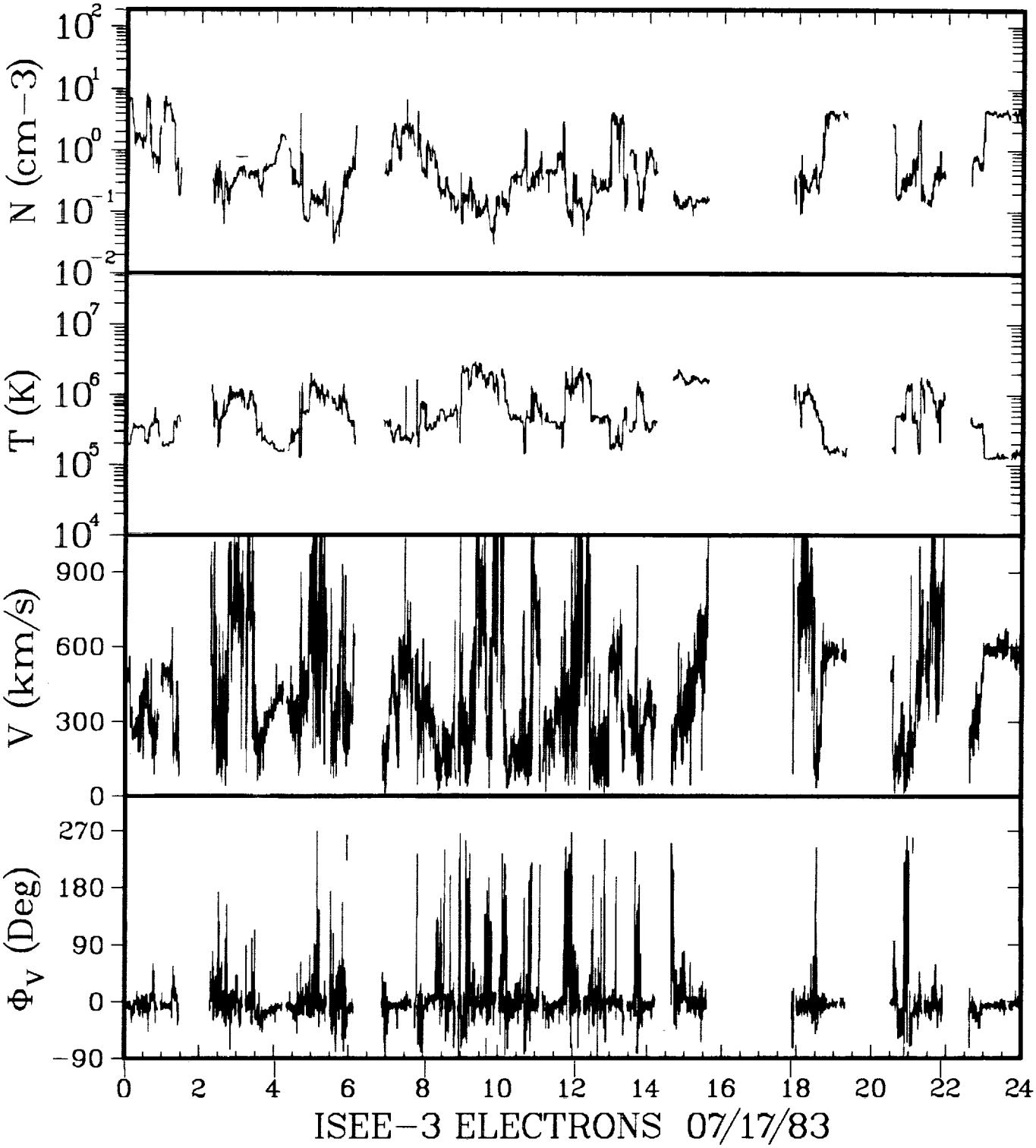
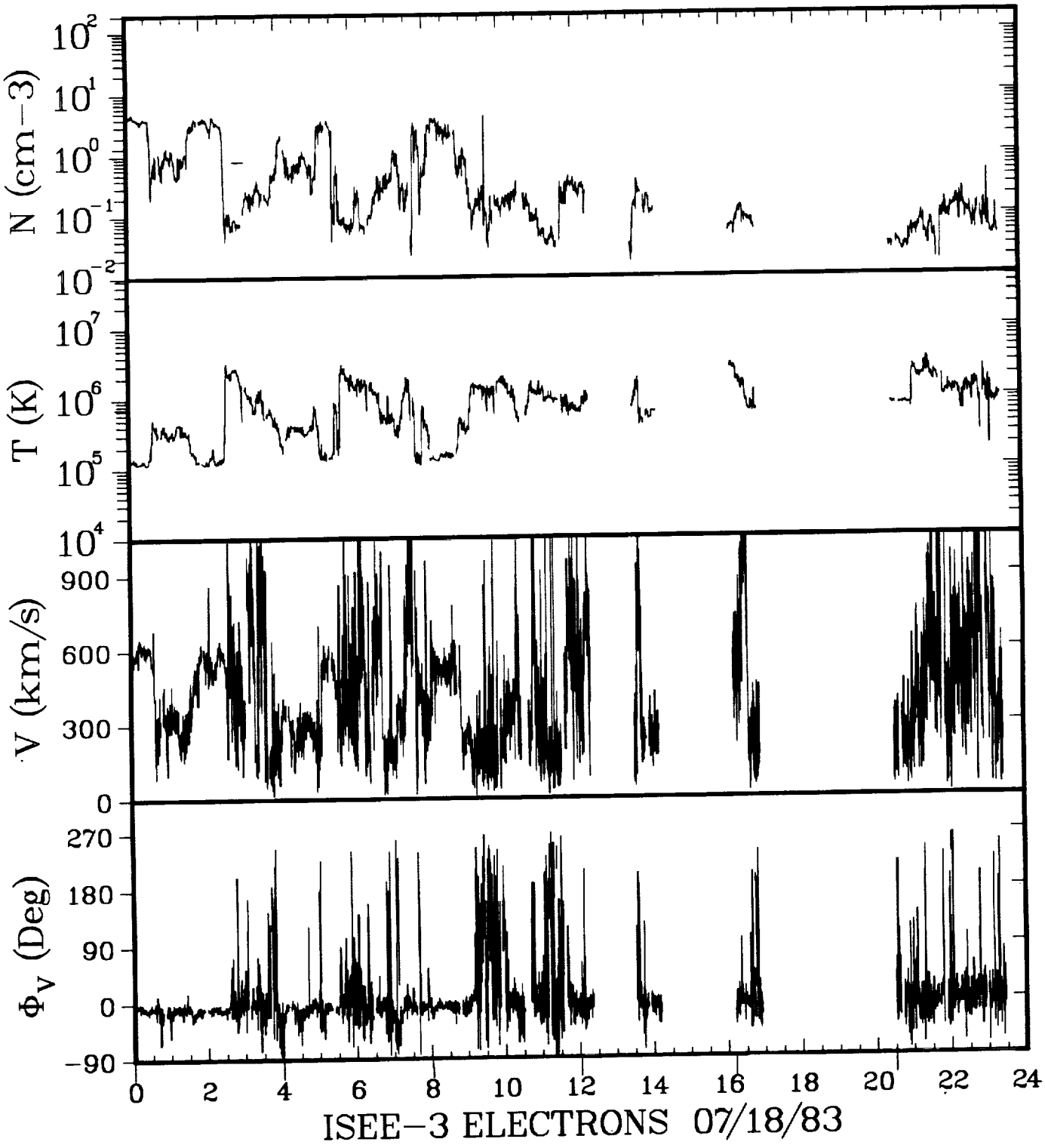
GSEX	-234.7	-234.7	-234.7	-234.7	-234.7	-234.6
Y	14.3	14.4	14.5	14.5	14.6	14.7
Z	-3.3	-3.2	-3.1	-2.9	-2.7	-2.6
GSMY	14.5	13.9	12.7	12.4	14.3	14.8
Z	-2.7	-5.0	-7.5	-8.1	-4.0	-1.8



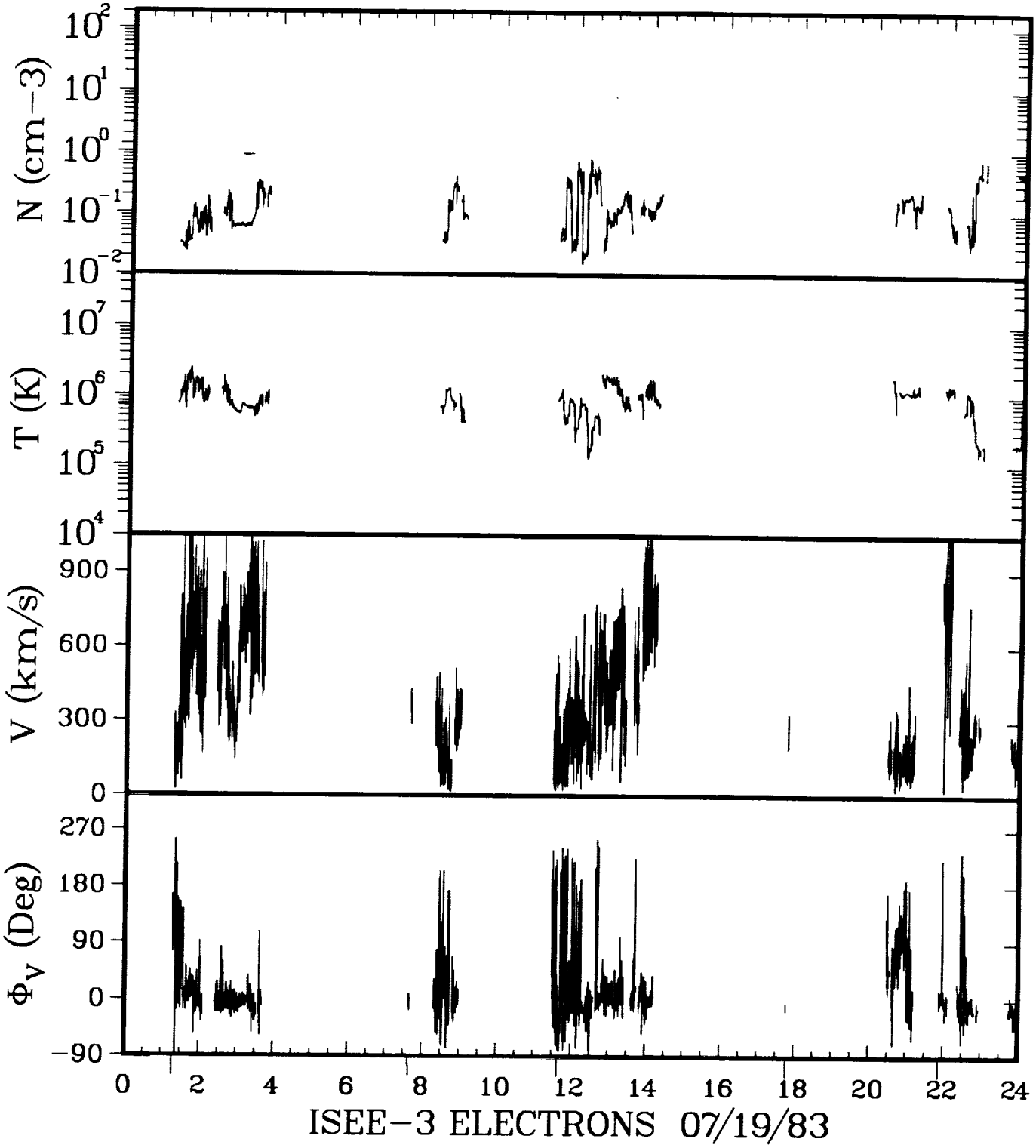
GSEX	-234.6	-234.6	-234.6	-234.6	-234.5
Y	14.7	14.8	14.8	14.9	15.0
Z	-2.5	-2.4	-2.3	-2.1	-1.8
GSMY	14.8	14.4	13.3	13.0	15.1
Z	-2.0	-4.3	-7.0	-7.6	-1.5



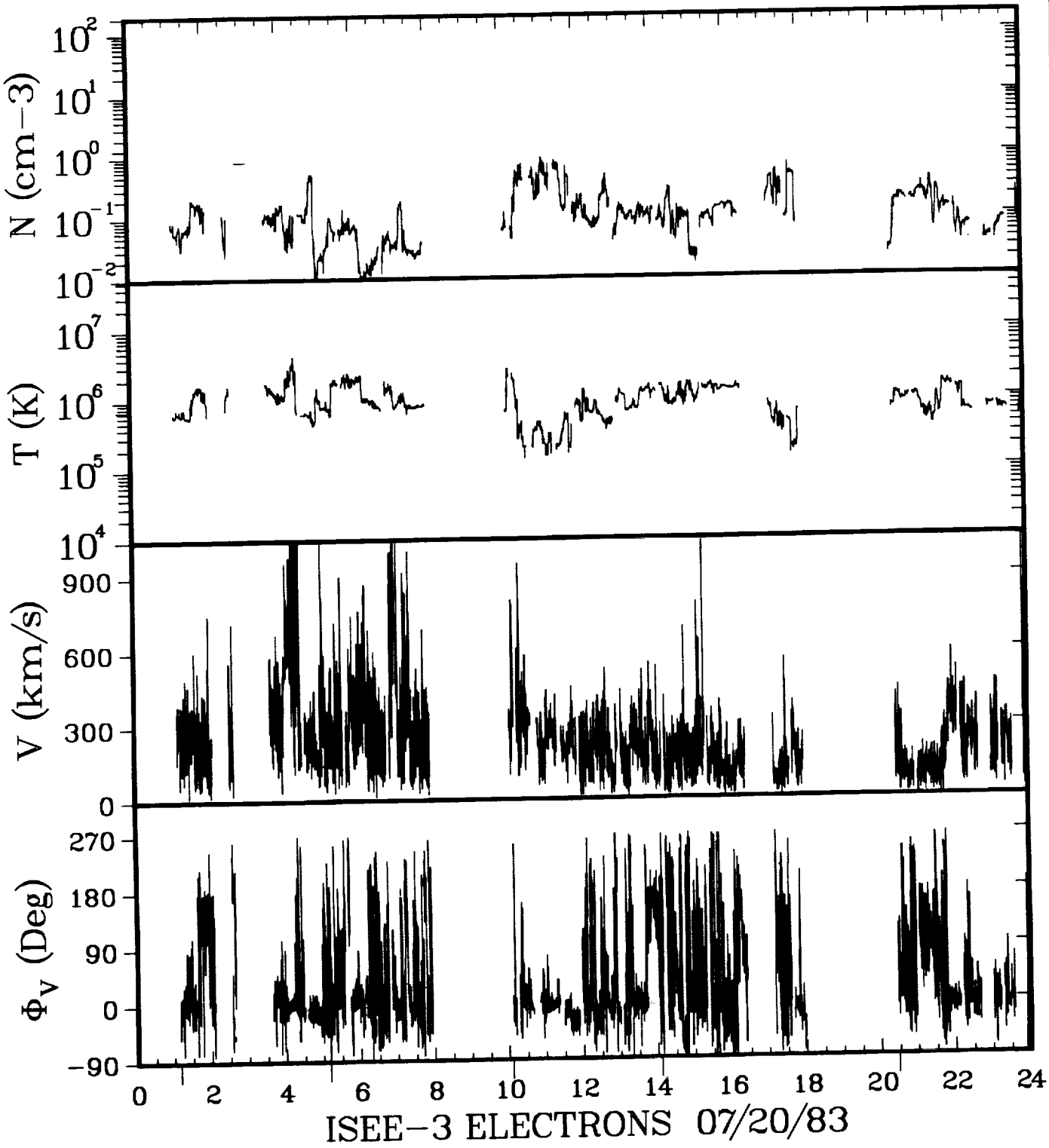
GSEX	-234.5	-234.5	-234.4	-234.4	-234.4	-234.4
Y	15.1	15.1	15.2	15.2	15.3	15.3
Z	-1.7	-1.6	-1.4	-1.3	-1.1	-1.0
GSMY	15.1	14.8	13.8	13.6	15.1	15.4
Z	-1.3	-3.7	-6.4	-7.0	-2.7	-0.4



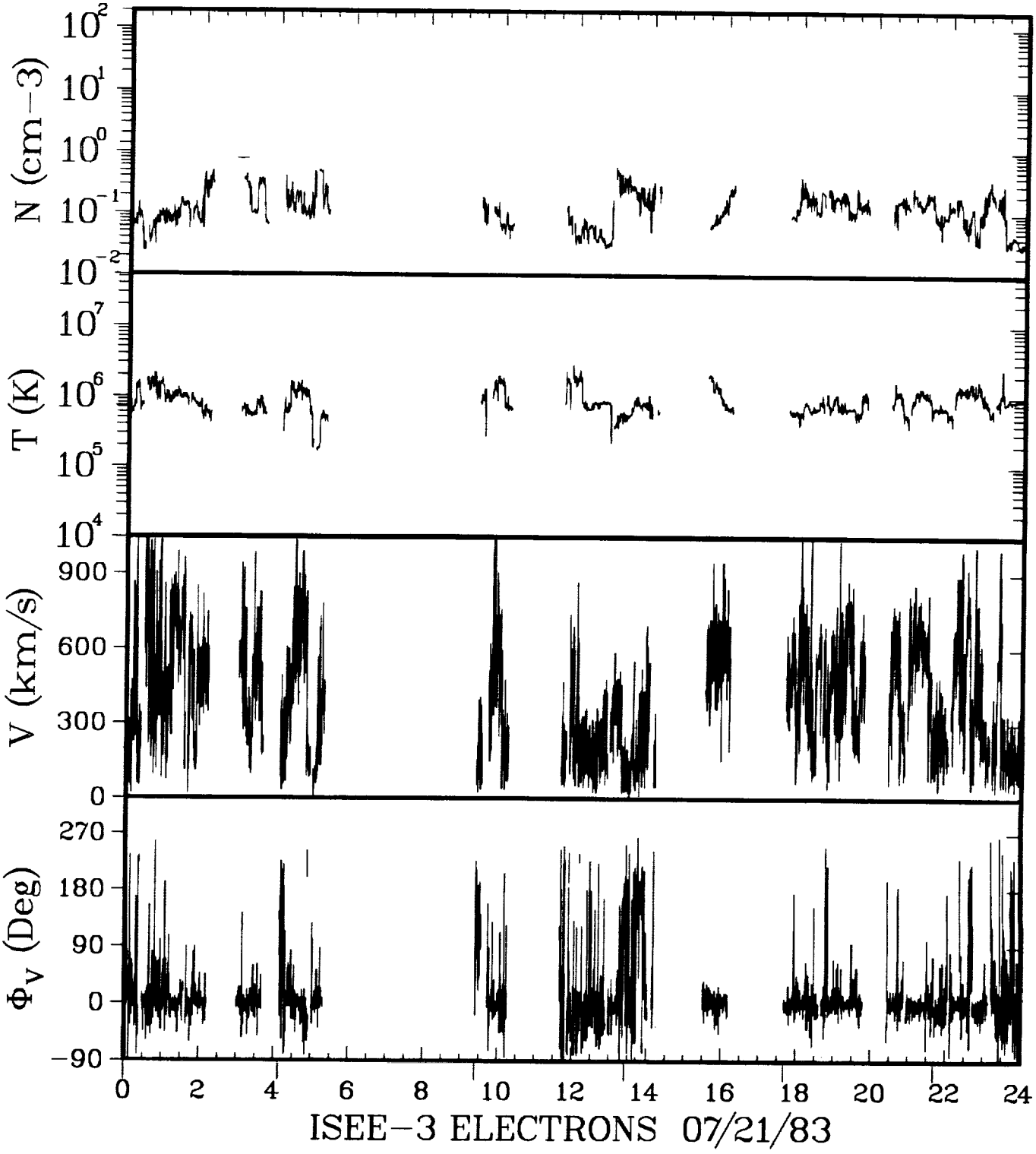
GSEX	-234.3	-234.3	-234.3	-234.2	-234.2	-234.2
Y	15.4	15.4	15.4	15.5	15.5	15.6
Z	-0.9	-0.8	-0.6	-0.5	-0.4	-0.2
GSMY	15.4	15.1	14.3	14.1	15.1	15.6
Z	-0.6	-3.0	-5.8	-6.4	-3.7	-0.1



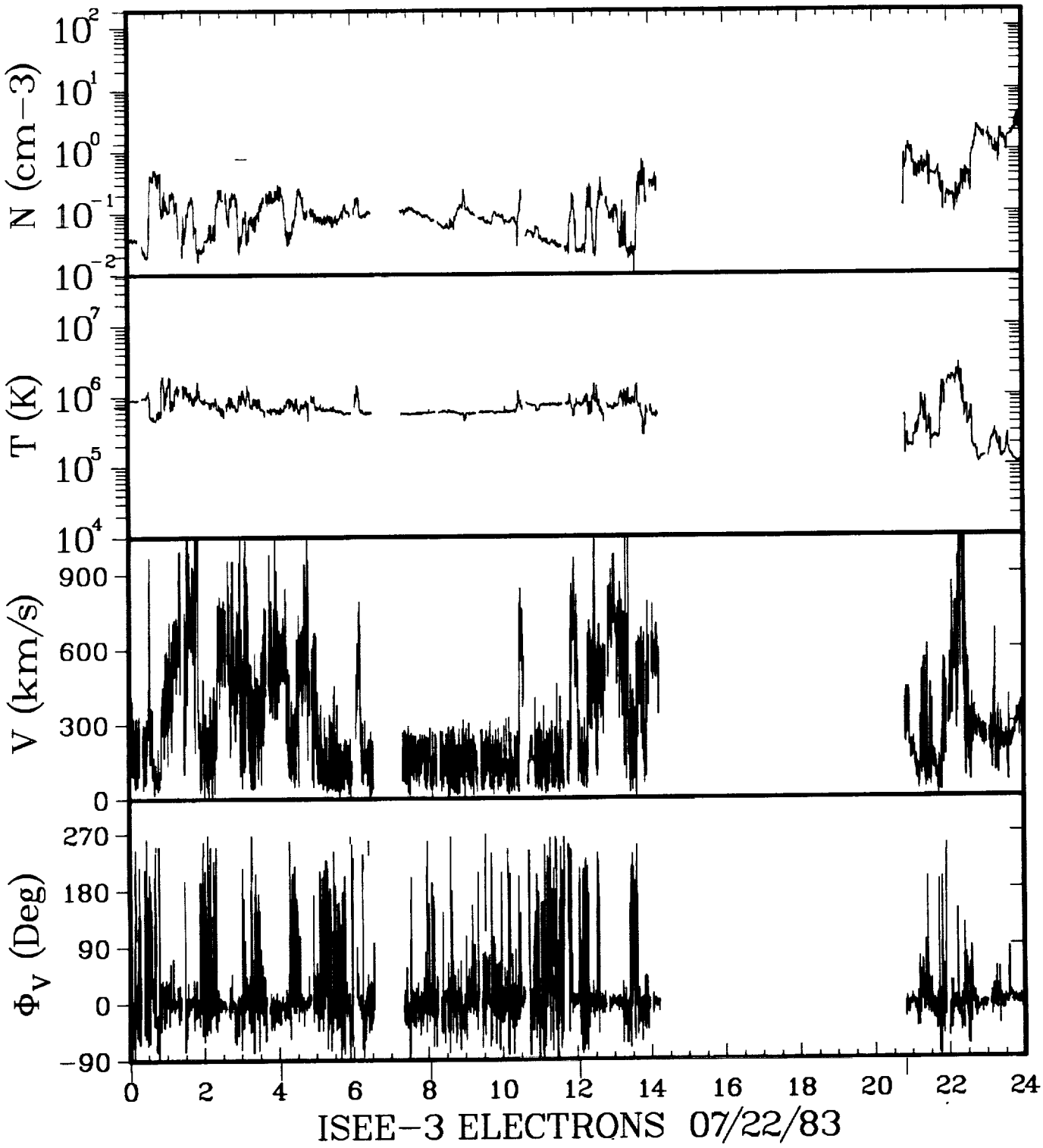
GSEX	-234.1	-234.1	-234.0	-234.0	-233.9
Y	15.6	15.6	15.7	15.7	15.7
Z	-0.1	0.1	0.3	0.5	0.6
GSMY	15.6	14.8	14.5	15.7	15.7
Z	-0.4	-5.0	-6.0	-1.5	1.0



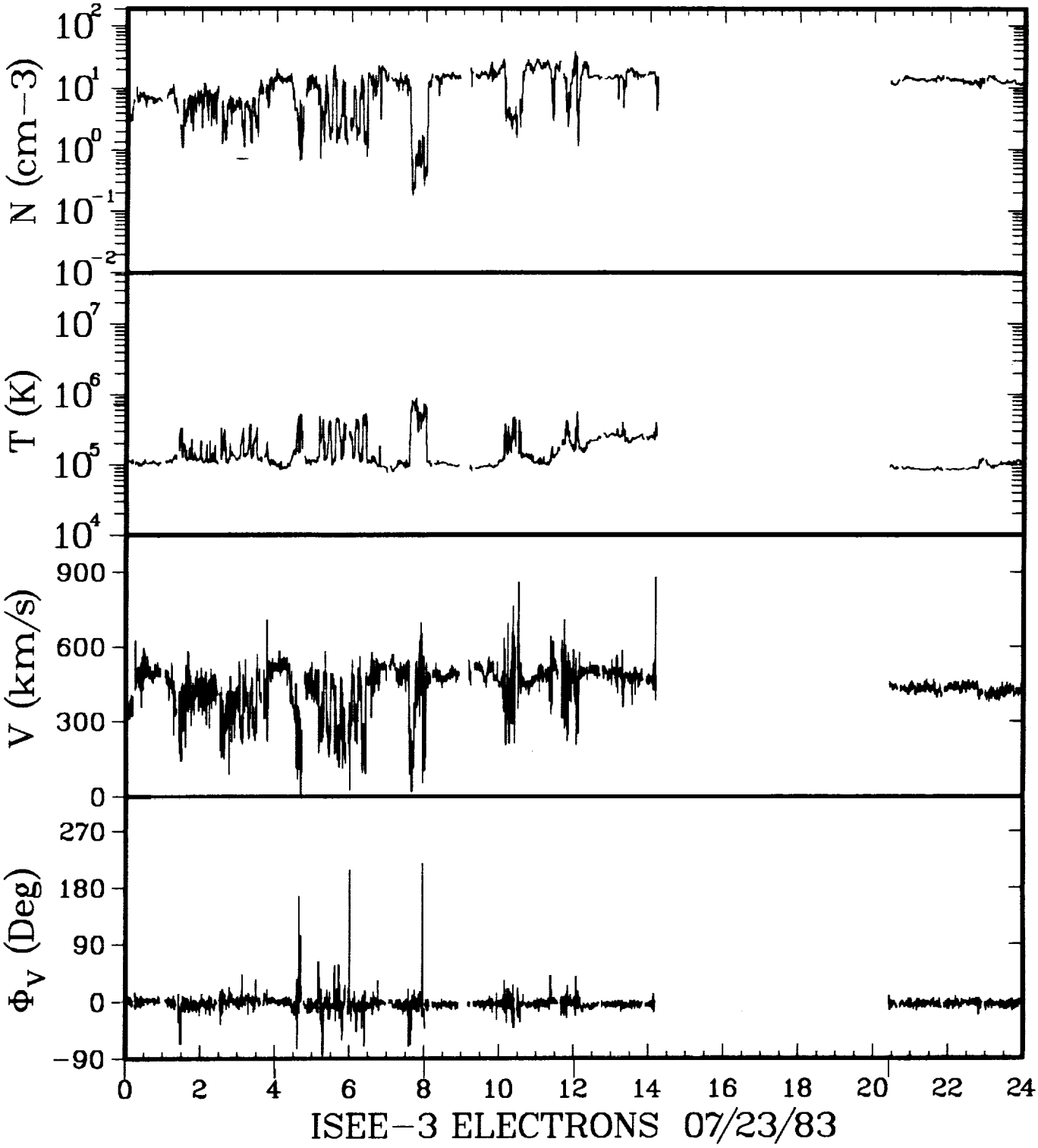
GSEX	-233.9	-233.9	-233.8	-233.8	-233.7
Y	15.8	15.8	15.8	15.8	15.9
Z	0.7	0.9	1.0	1.2	1.4
GSMY	15.8	15.6	14.9	15.3	15.9
Z	0.4	-2.6	-5.4	-4.3	1.3



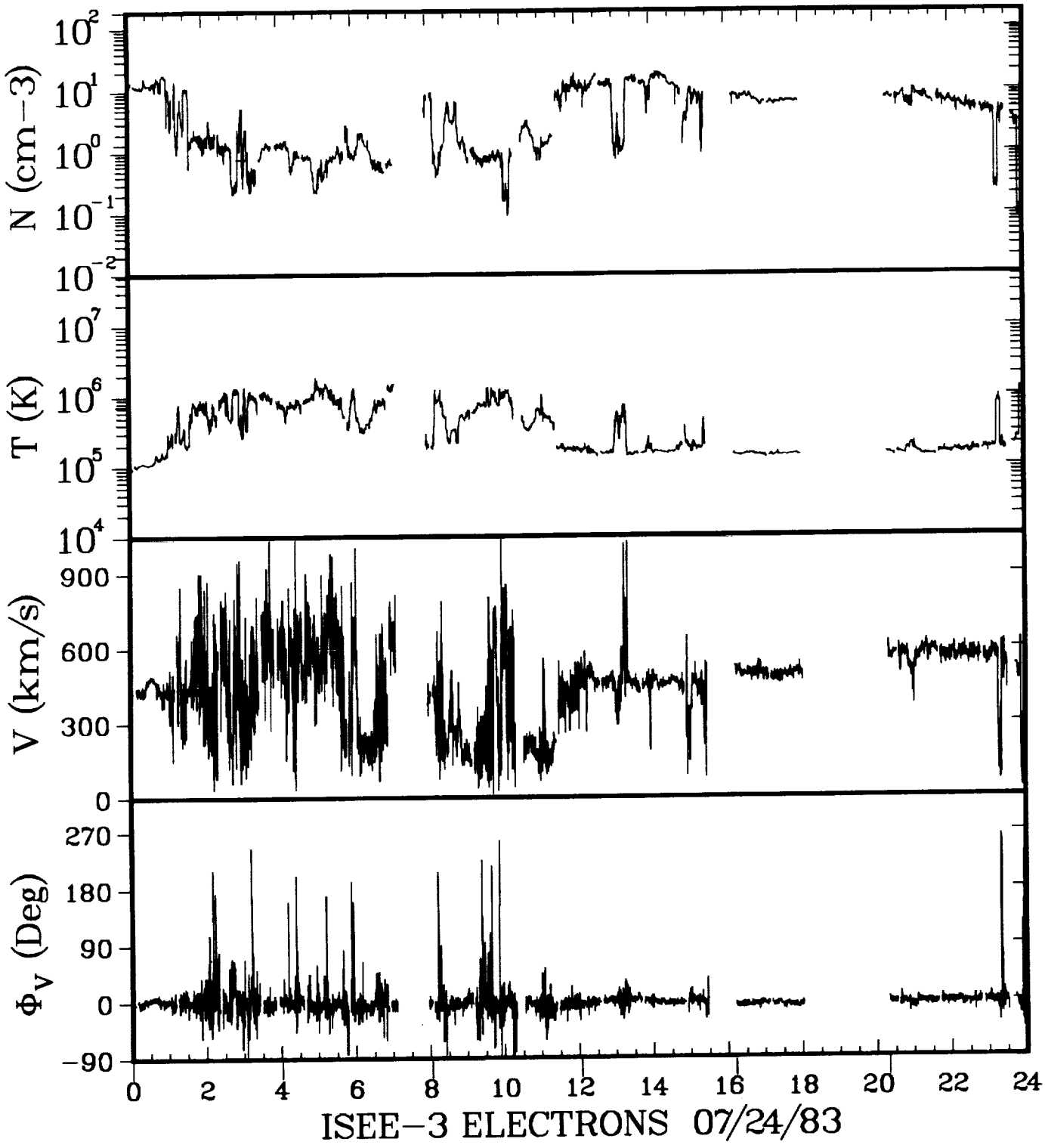
GSEX	-233.7	-233.6	-233.5	-233.5	-233.4	-233.4
Y	15.9	15.9	15.9	15.9	15.9	16.0
Z	1.5	1.6	1.8	1.9	2.1	2.2
GSMY	15.9	16.0	15.4	15.5	16.1	15.9
Z	1.6	-1.1	-4.6	-4.1	-0.2	2.4



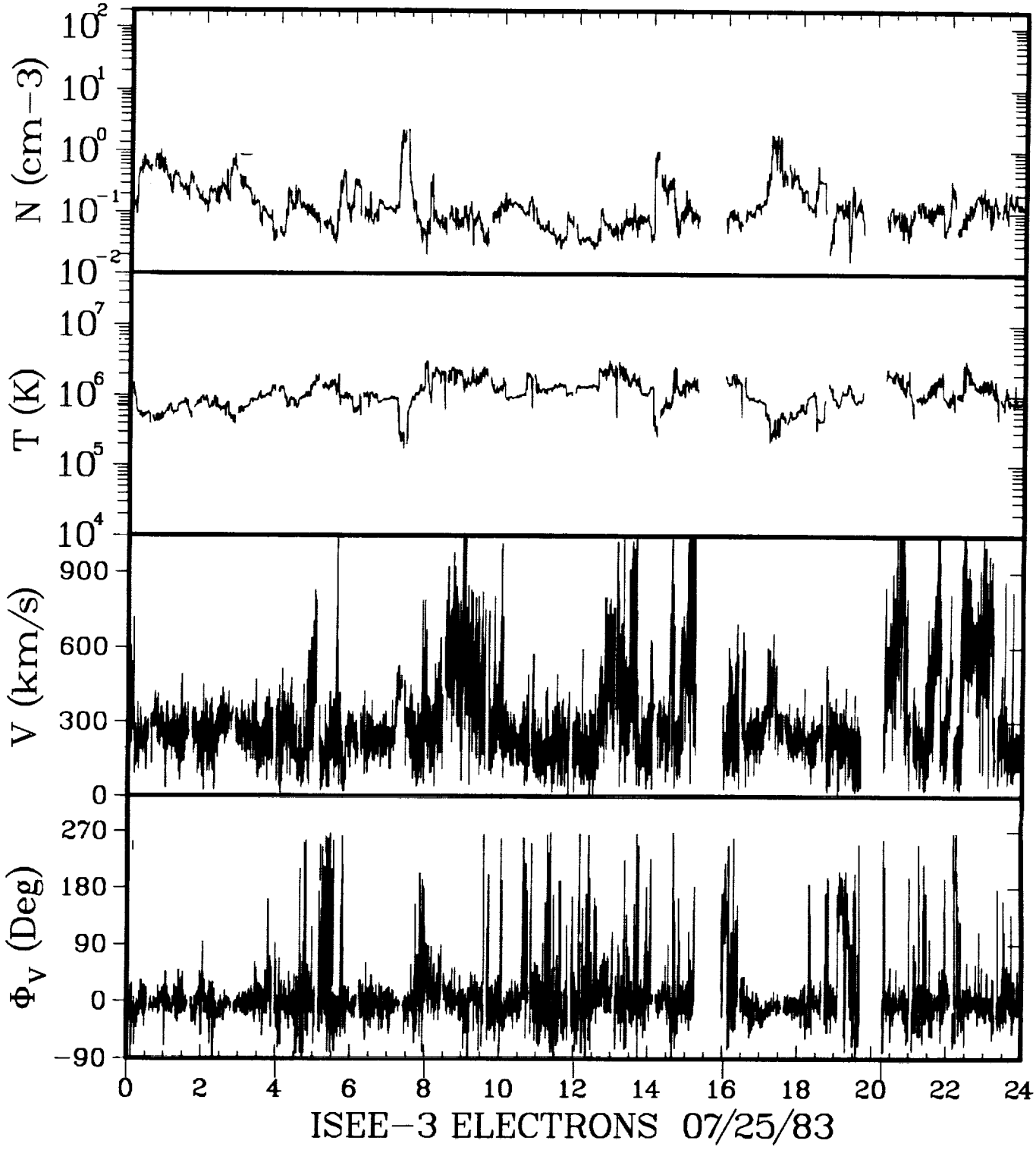
GSEX	-233.3	-233.3	-233.2	-233.2	-233.0
Y	16.0	16.0	16.0	16.0	16.0
Z	2.3	2.4	2.6	2.7	3.0
GSMY	16.0	16.2	15.8	15.7	16.0
Z	2.2	-0.3	-3.4	-4.0	2.8



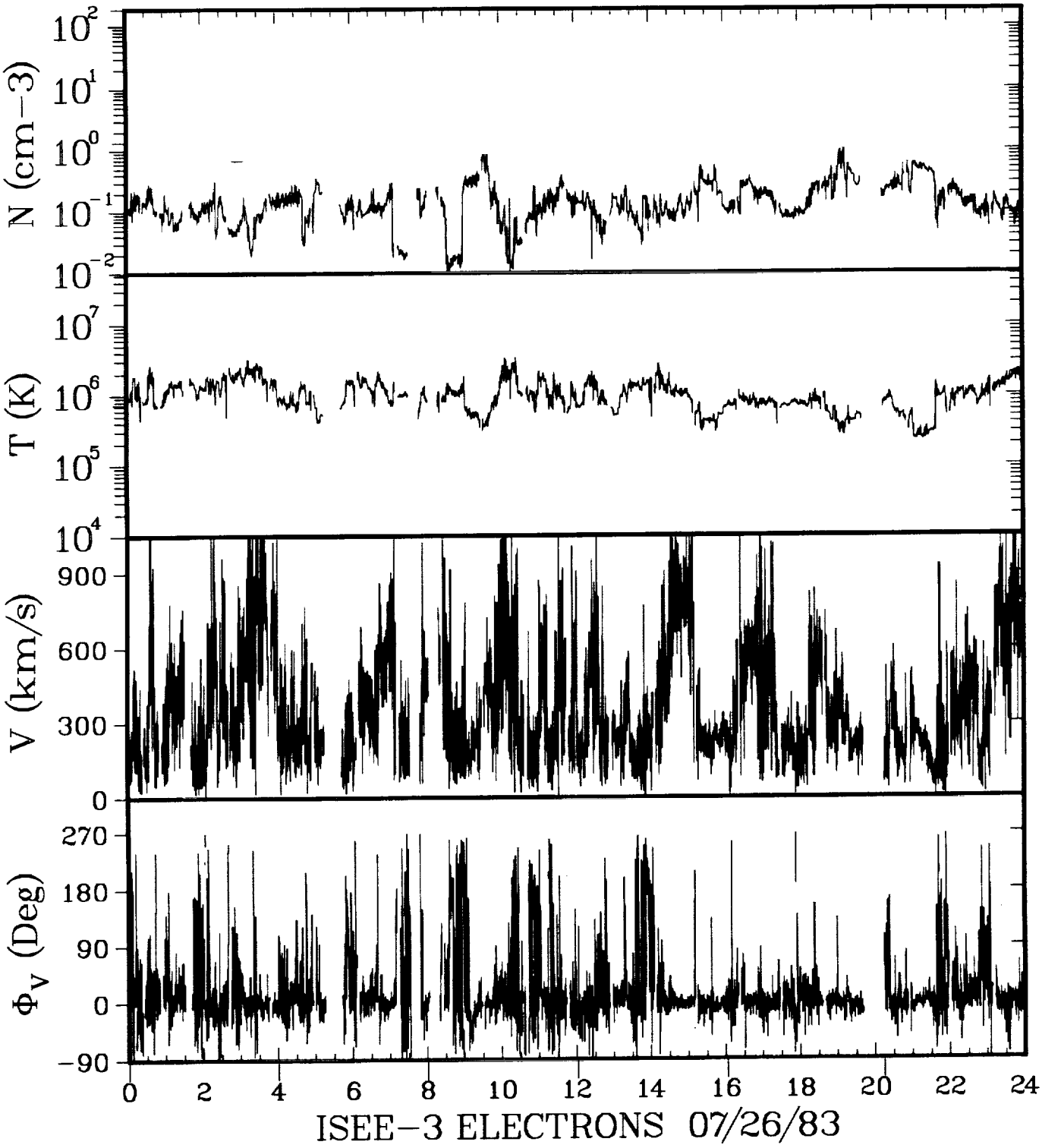
GSEX	-233.0	-232.9	-232.8	-232.8	-232.6
Y	16.0	16.0	16.0	16.0	16.0
Z	3.1	3.2	3.4	3.5	3.8
GSMY	16.0	16.3	16.1	16.0	16.1
Z	2.9	0.4	-2.7	-3.4	3.3



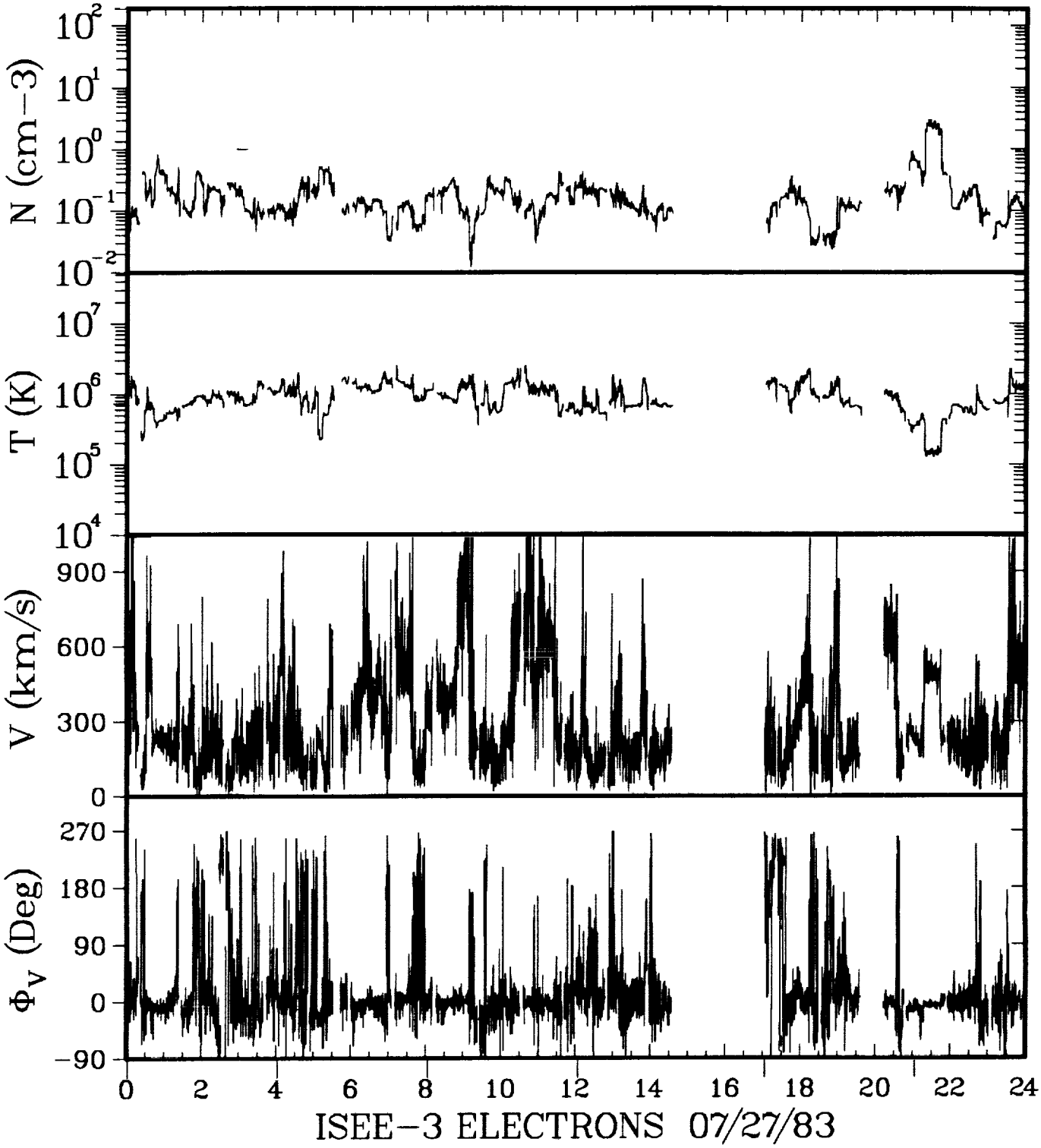
GSEX	-232.6	-232.5	-232.4	-232.3	-232.2	-232.2
Y	16.0	16.0	16.0	16.0	16.0	15.9
Z	3.9	4.0	4.2	4.3	4.4	4.6
GSMY	16.0	16.4	16.4	16.3	16.6	16.1
Z	3.6	1.1	-2.1	-2.8	0.3	4.0



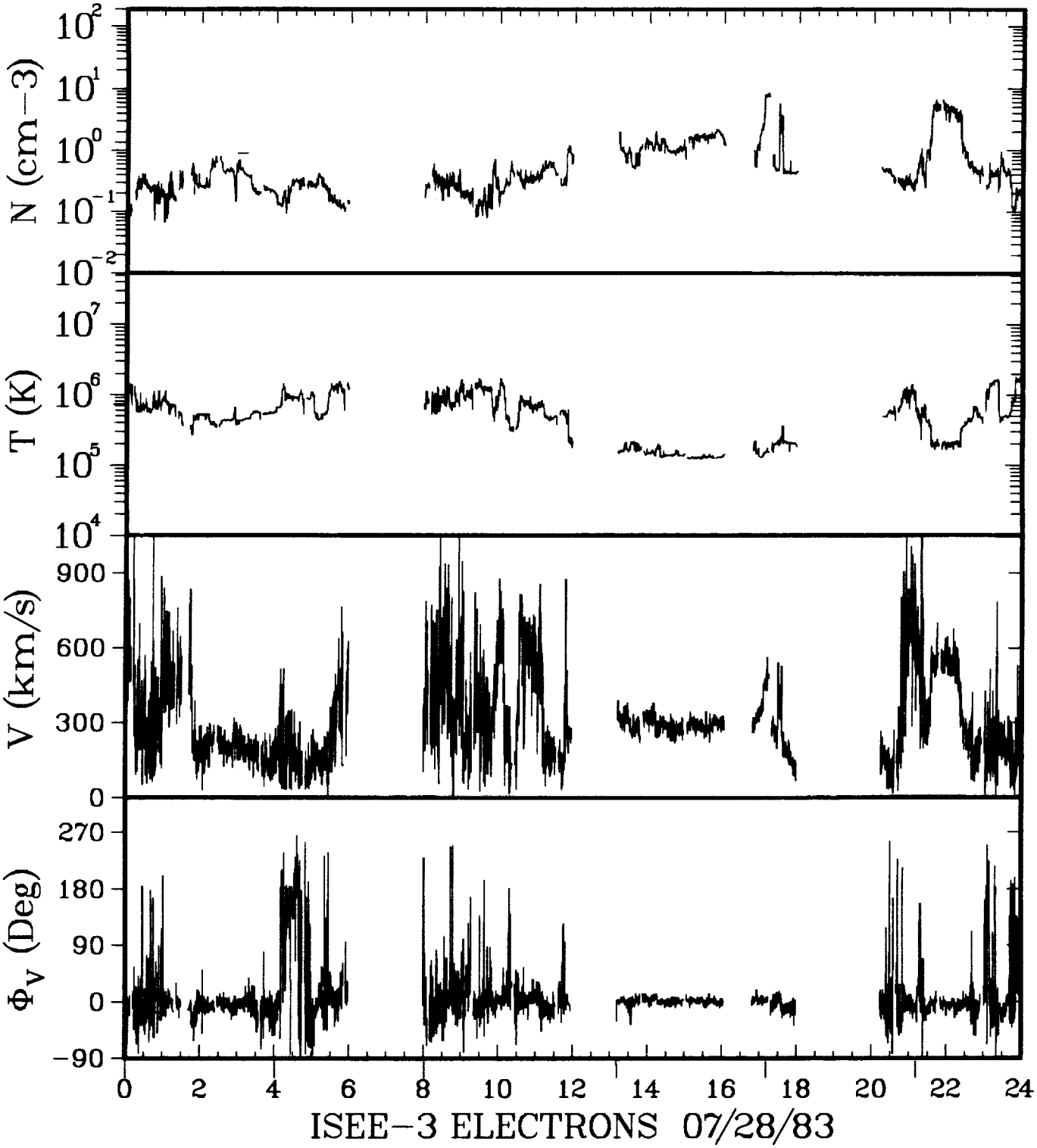
GSEX	-232.1	-232.0	-231.9	-231.8	-231.7	-231.6
Y	15.9	15.9	15.9	15.9	15.9	15.9
Z	4.7	4.8	4.9	5.1	5.2	5.3
GSMY	16.0	16.5	16.6	16.6	16.7	16.1
Z	4.3	1.8	-1.4	-2.1	0.8	4.7



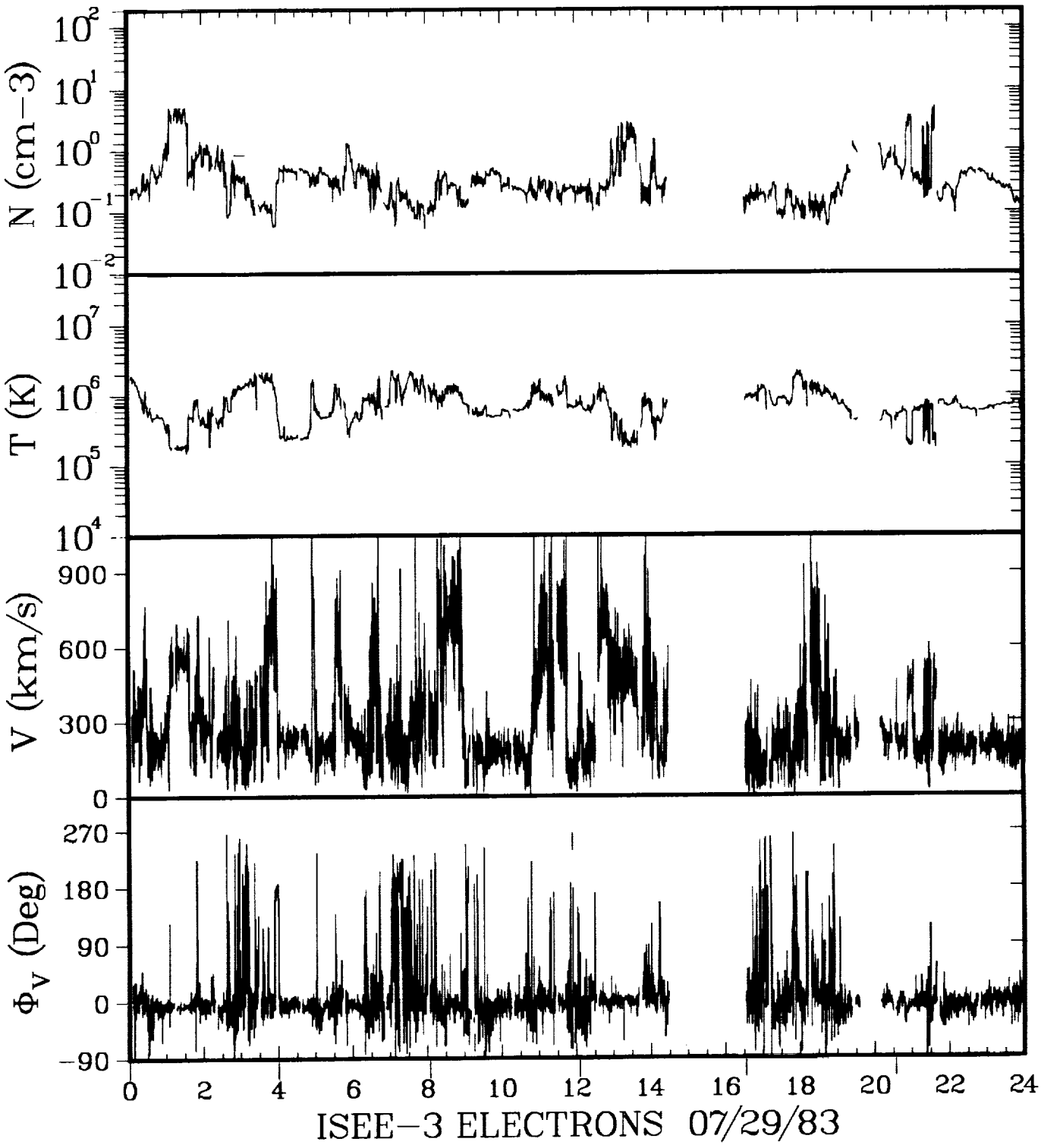
GSEX	-231.5	-231.5	-231.4	-231.3	-231.2	-231.1
Y	15.9	15.8	15.8	15.8	15.8	15.8
Z	5.5	5.6	5.7	5.9	6.0	6.1
GSMY	16.0	16.6	16.8	16.8	16.8	16.1
Z	5.0	2.5	-0.7	-1.5	1.5	5.3



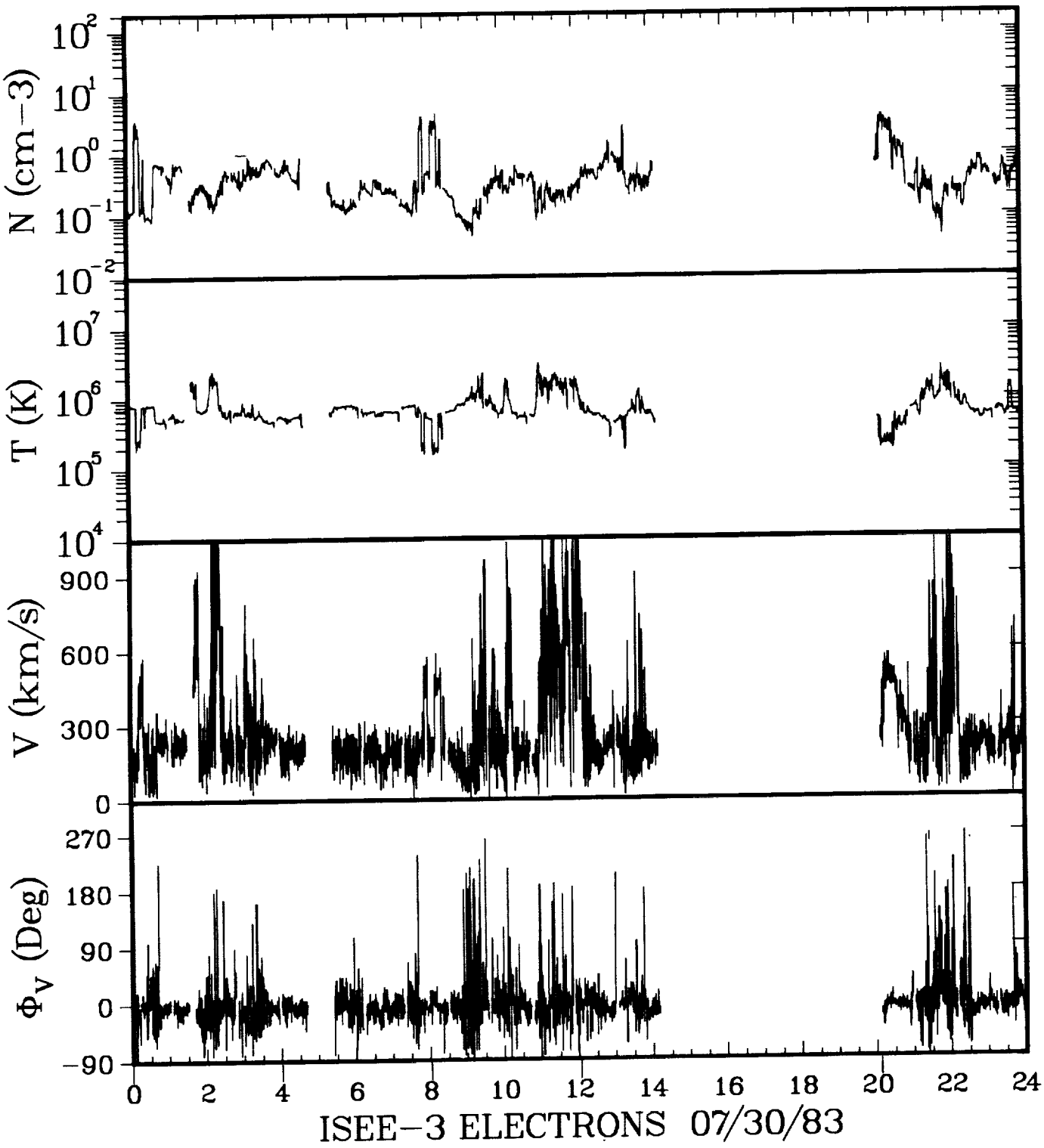
GSEX	-231.0	-230.9	-230.8	-230.6	-230.5	-230.4
Y	15.8	15.7	15.7	15.7	15.7	15.7
Z	6.2	6.4	6.5	6.6	6.8	6.9
GSMY	16.0	16.7	17.0	17.0	16.8	15.9
Z	5.7	3.1	-0.1	-0.8	3.3	6.4



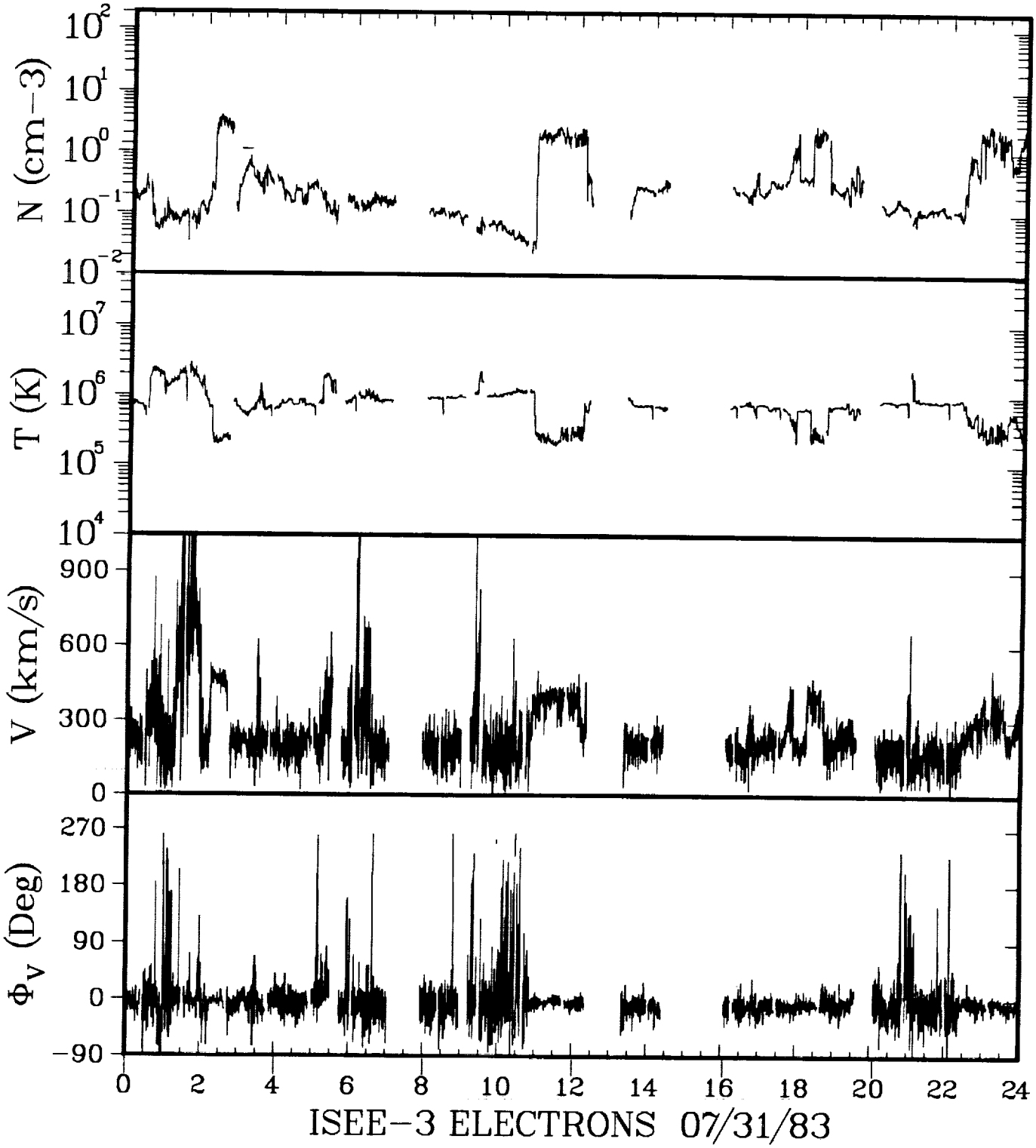
GSEX	-230.3	-230.2	-230.1	-229.9	-229.8	-229.7
Y	15.6	15.6	15.6	15.6	15.5	15.5
Z	7.0	7.2	7.3	7.4	7.6	7.7
GSMY	15.9	16.7	17.2	17.2	16.8	15.8
Z	6.4	3.9	0.6	0.4	4.1	7.1



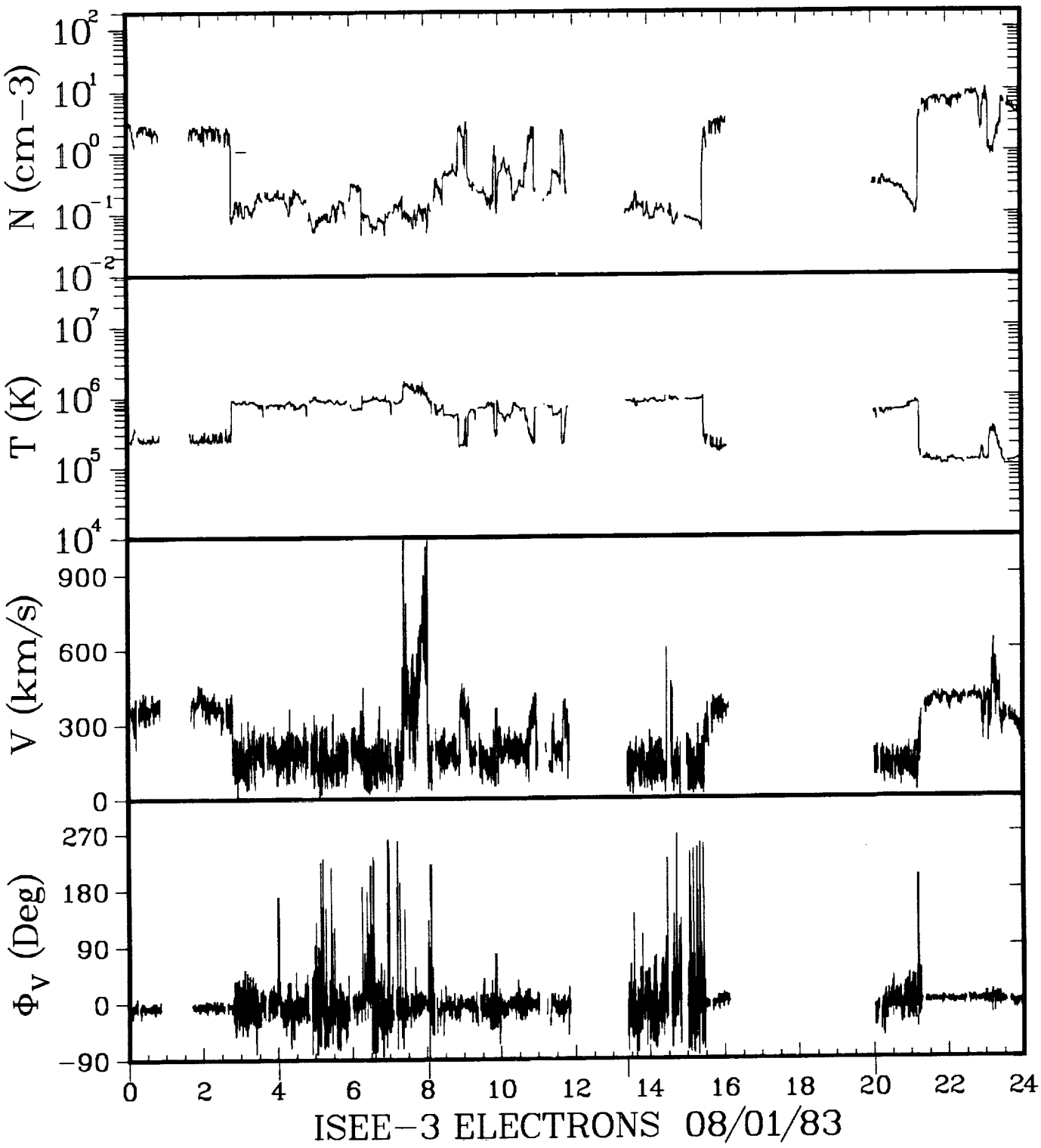
GSEX	-229.6	-229.5	-229.4	-229.3	-229.1	-229.0
Y	15.5	15.5	15.4	15.4	15.4	15.4
Z	7.8	7.9	8.1	8.2	8.3	8.4
GSMY	15.8	16.8	17.4	17.4	17.0	15.8
Z	7.1	4.5	1.2	0.5	4.1	7.5



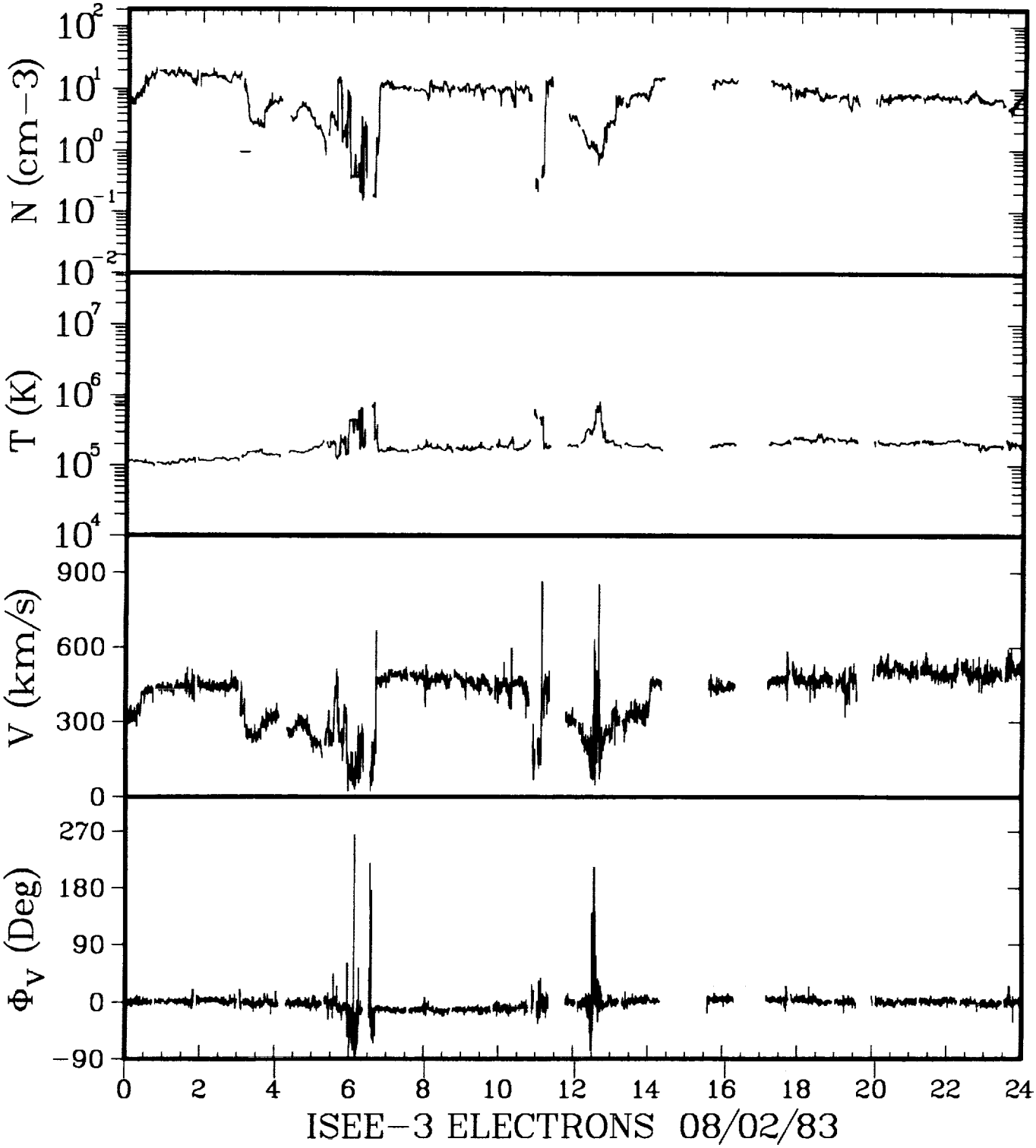
GSEX	-228.9	-228.8	-228.6	-228.5	-228.2
Y	15.3	15.3	15.3	15.3	15.2
Z	8.6	8.7	8.8	8.9	9.2
GSMY	15.8	16.8	17.5	17.6	15.9
Z	7.8	5.2	1.9	1.2	8.0



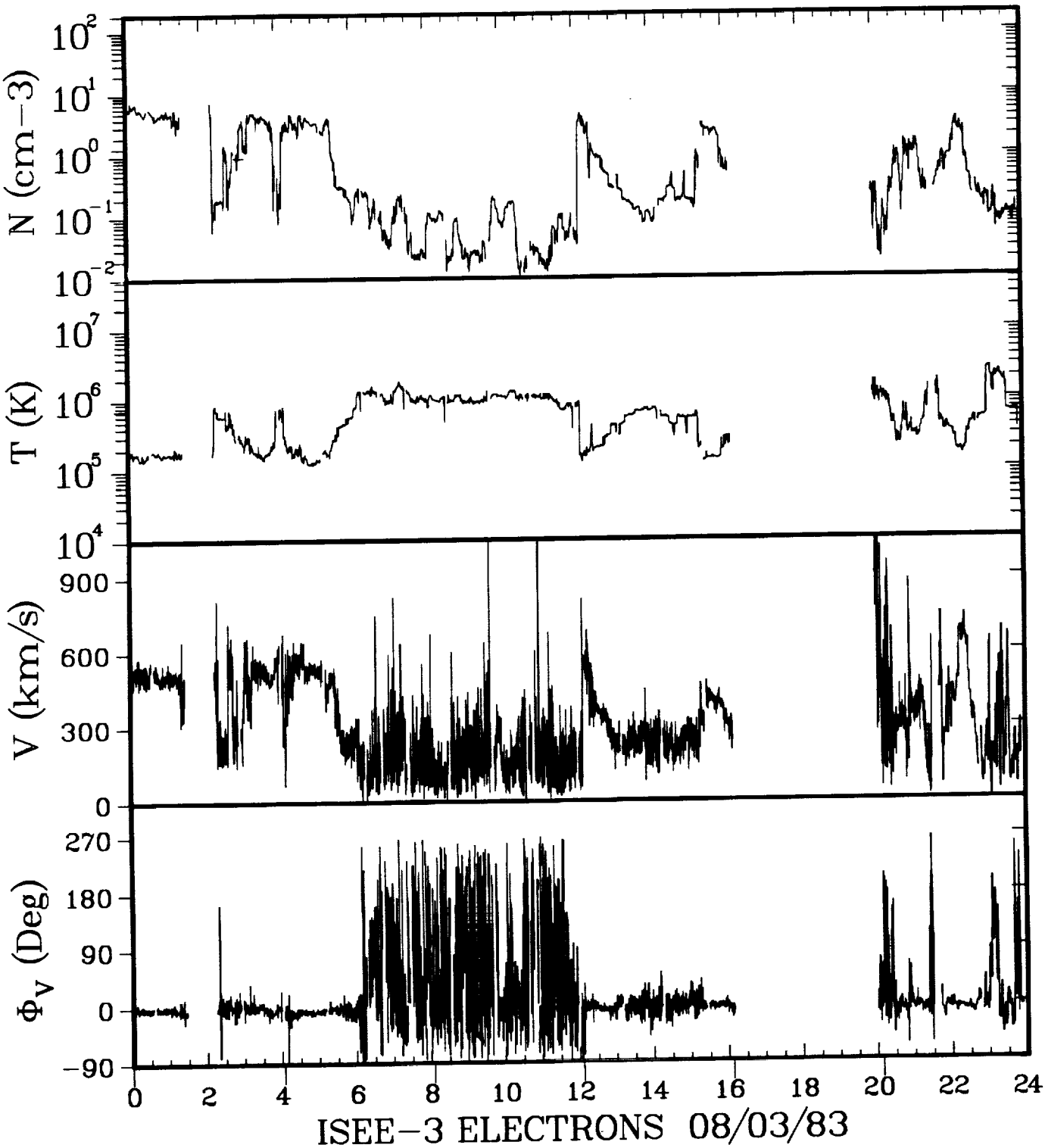
GSEX	-228.1	-228.0	-227.8	-227.7	-227.6	-227.4
Y	15.2	15.1	15.1	15.1	15.1	15.0
Z	9.3	9.4	9.6	9.7	9.8	9.9
GSMY	15.7	16.8	17.7	17.8	17.3	15.8
Z	8.4	5.9	2.6	1.8	5.0	8.6



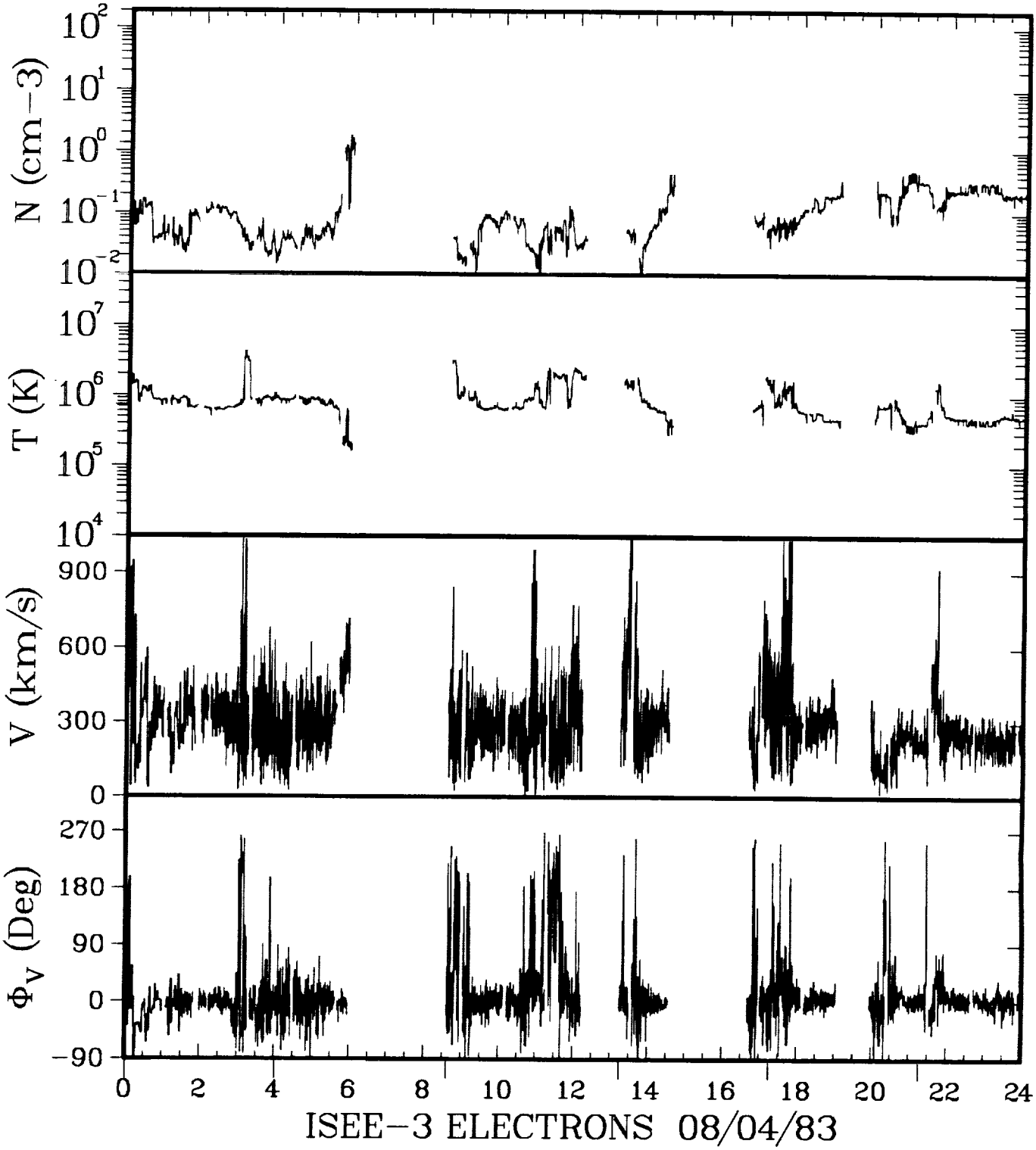
GSEX	-227.3	-227.1	-227.0	-226.8	-226.6
Y	15.0	15.0	14.9	14.9	14.8
Z	10.1	10.2	10.3	10.5	10.7
GSMY	15.6	16.9	17.9	17.9	15.8
Z	9.1	6.6	3.2	3.2	9.3



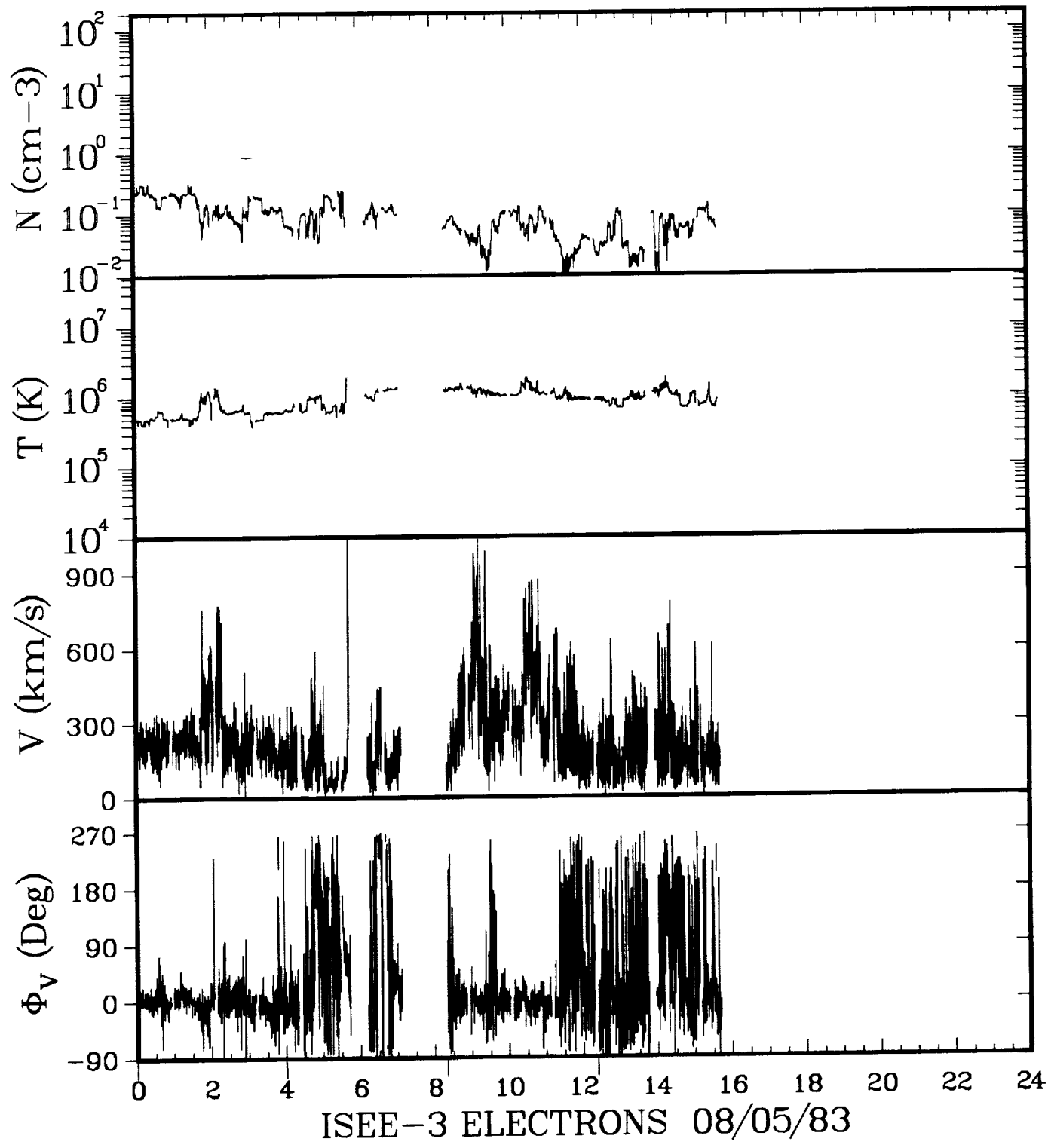
GSEX	-226.4	-226.3	-226.1	-226.0	-225.8	-225.7
Y	14.8	14.8	14.8	14.7	14.7	14.7
Z	10.8	10.9	11.0	11.2	11.3	11.4
GSMY	15.5	16.9	18.0	18.2	17.4	15.7
Z	9.8	7.2	3.9	3.2	6.3	10.0



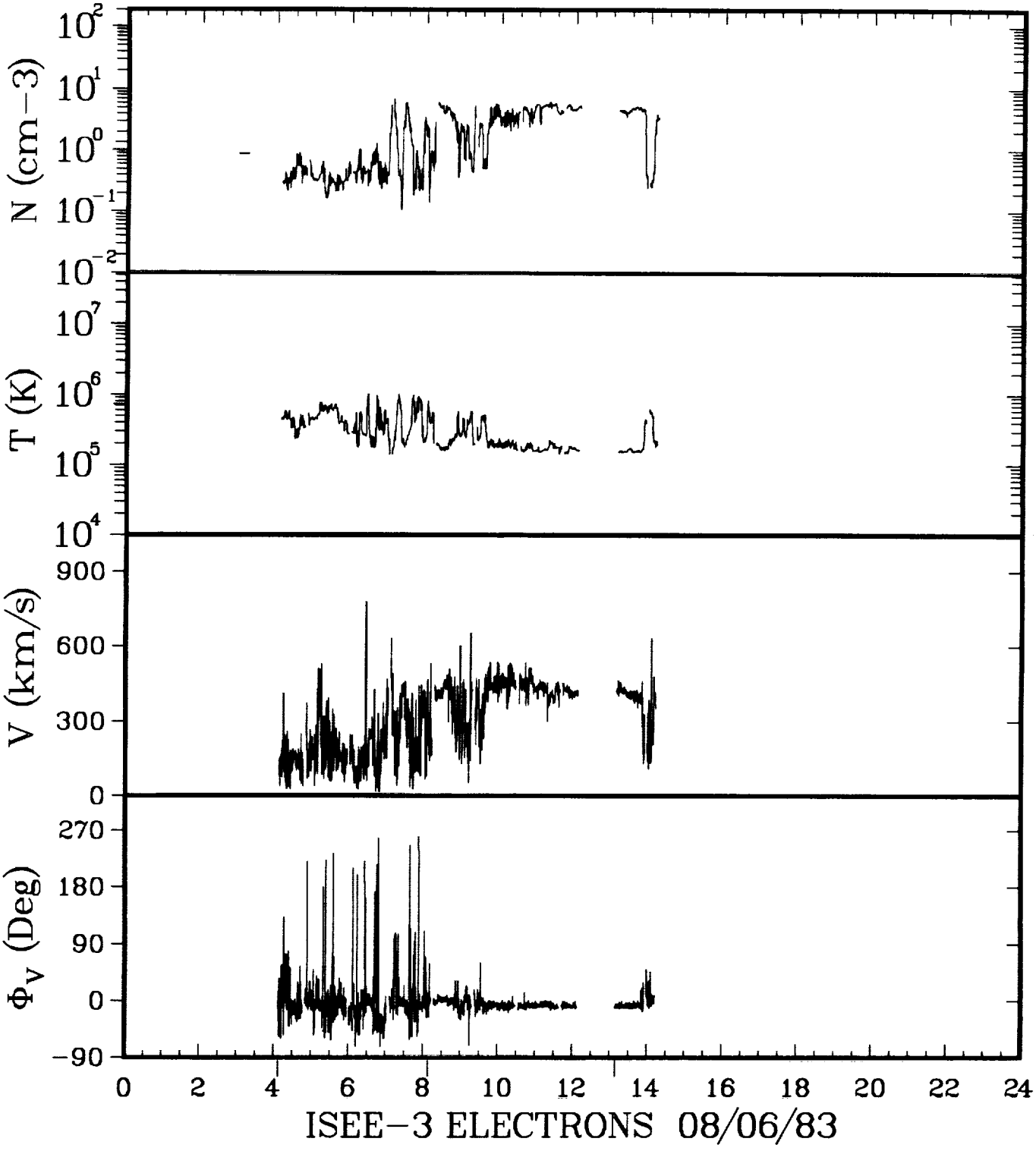
GSEX	-225.5	-225.4	-225.2	-225.1	-224.9	-224.8
Y	14.6	14.6	14.6	14.5	14.5	14.5
Z	11.5	11.6	11.8	11.9	12.0	12.1
GSMY	15.4	16.9	18.2	18.4	17.5	15.6
Z	10.4	7.9	4.5	3.8	7.0	10.6



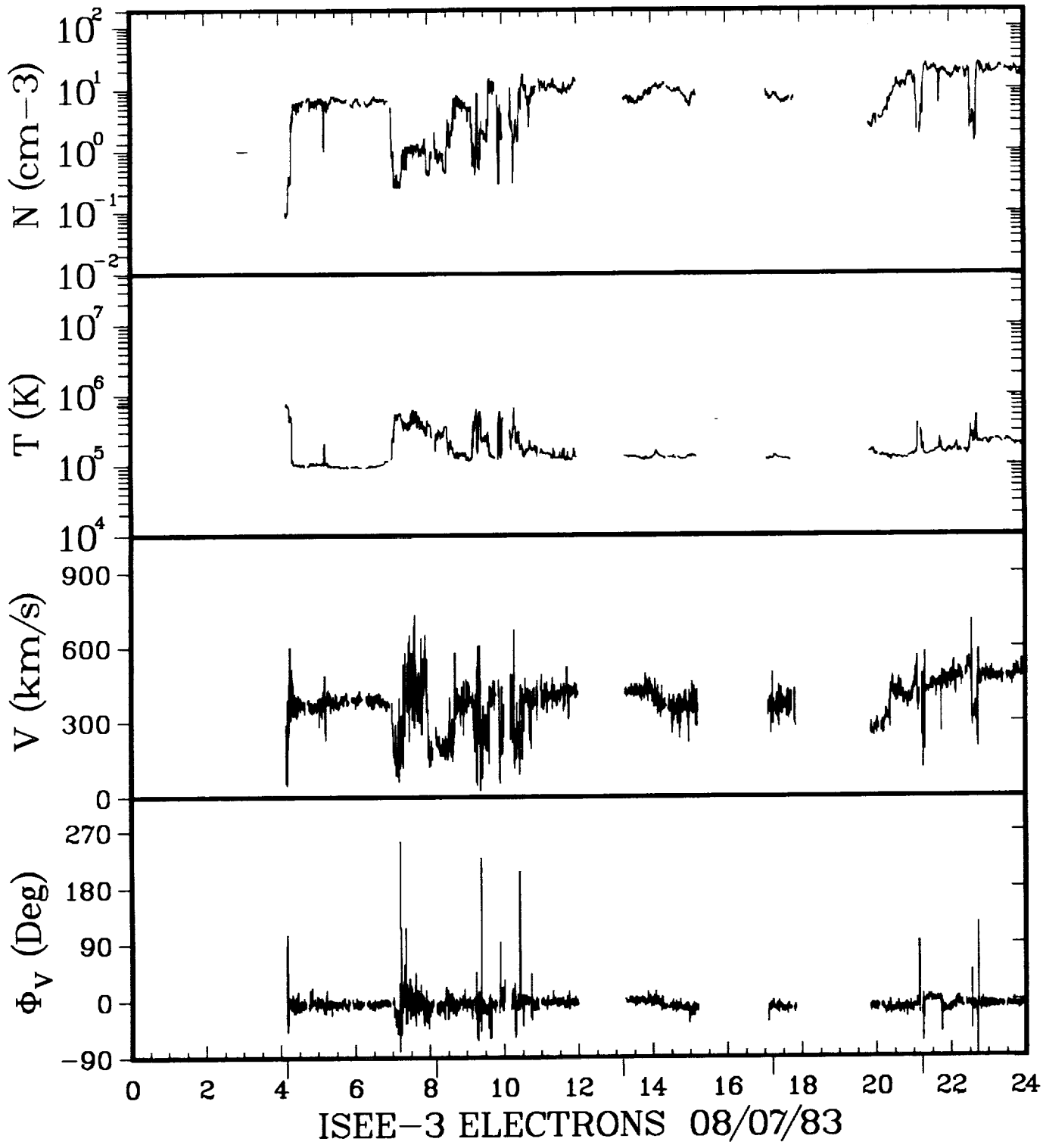
GSEX	-224.6	-224.5	-224.3	-224.1	-223.9	-223.8
Y	14.4	14.4	14.4	14.3	14.3	14.3
Z	12.2	12.4	12.5	12.6	12.7	12.9
GSMY	15.4	16.9	18.4	18.4	17.0	15.2
Z	11.1	8.6	4.8	5.0	8.9	11.7



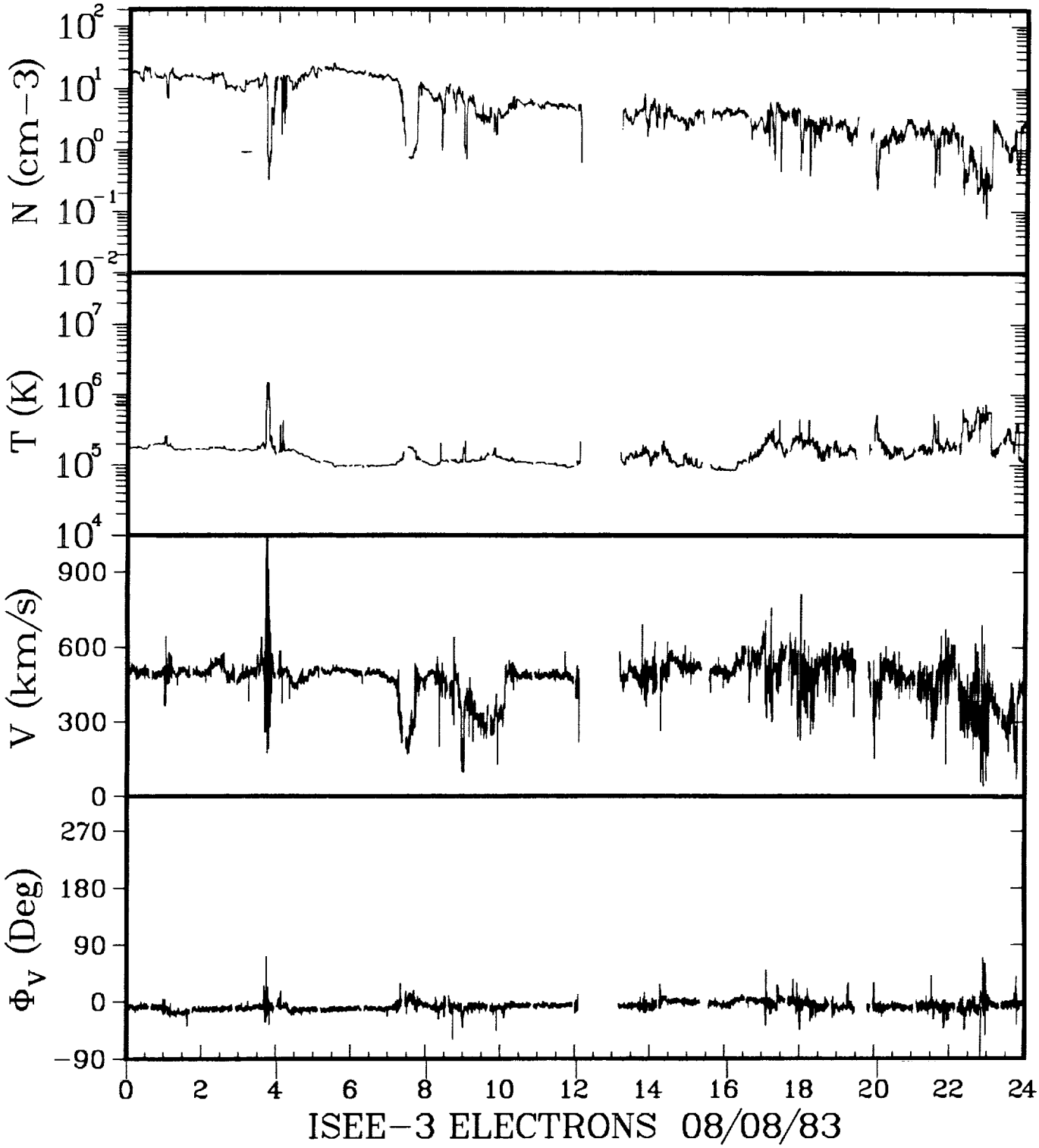
GSEX	-223.7	-223.5	-223.4	-223.2
Y	14.2	14.2	14.2	14.1
Z	12.9	13.1	13.2	13.3
GSMY	15.3	17.0	18.5	18.7
Z	11.7	9.2	5.6	5.2



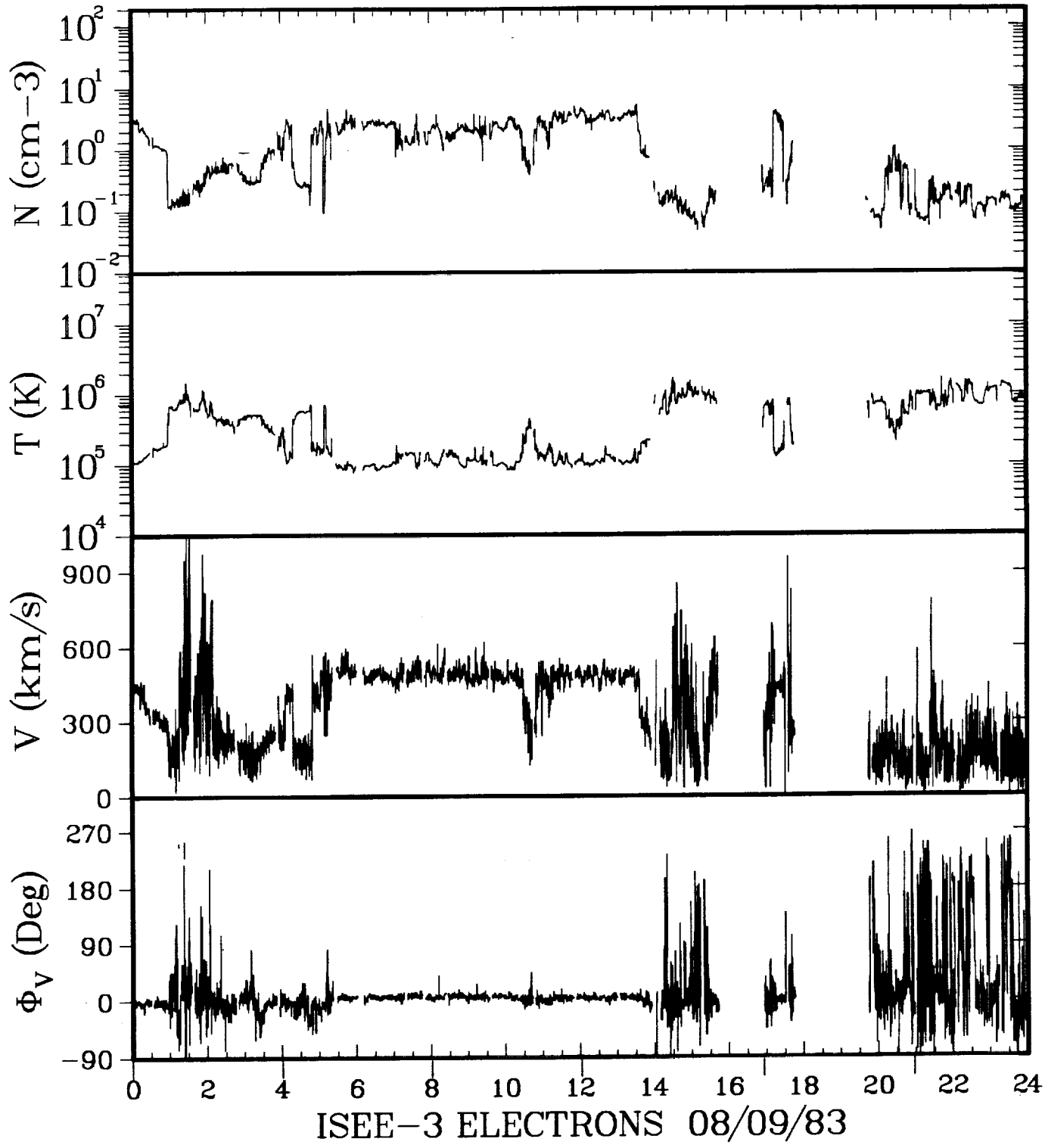
GSEX	-222.6	-222.4	-222.2
Y	14.0	14.0	13.9
Z	13.7	13.9	14.0
GSMY	17.0	18.6	18.7
Z	9.7	6.4	6.2



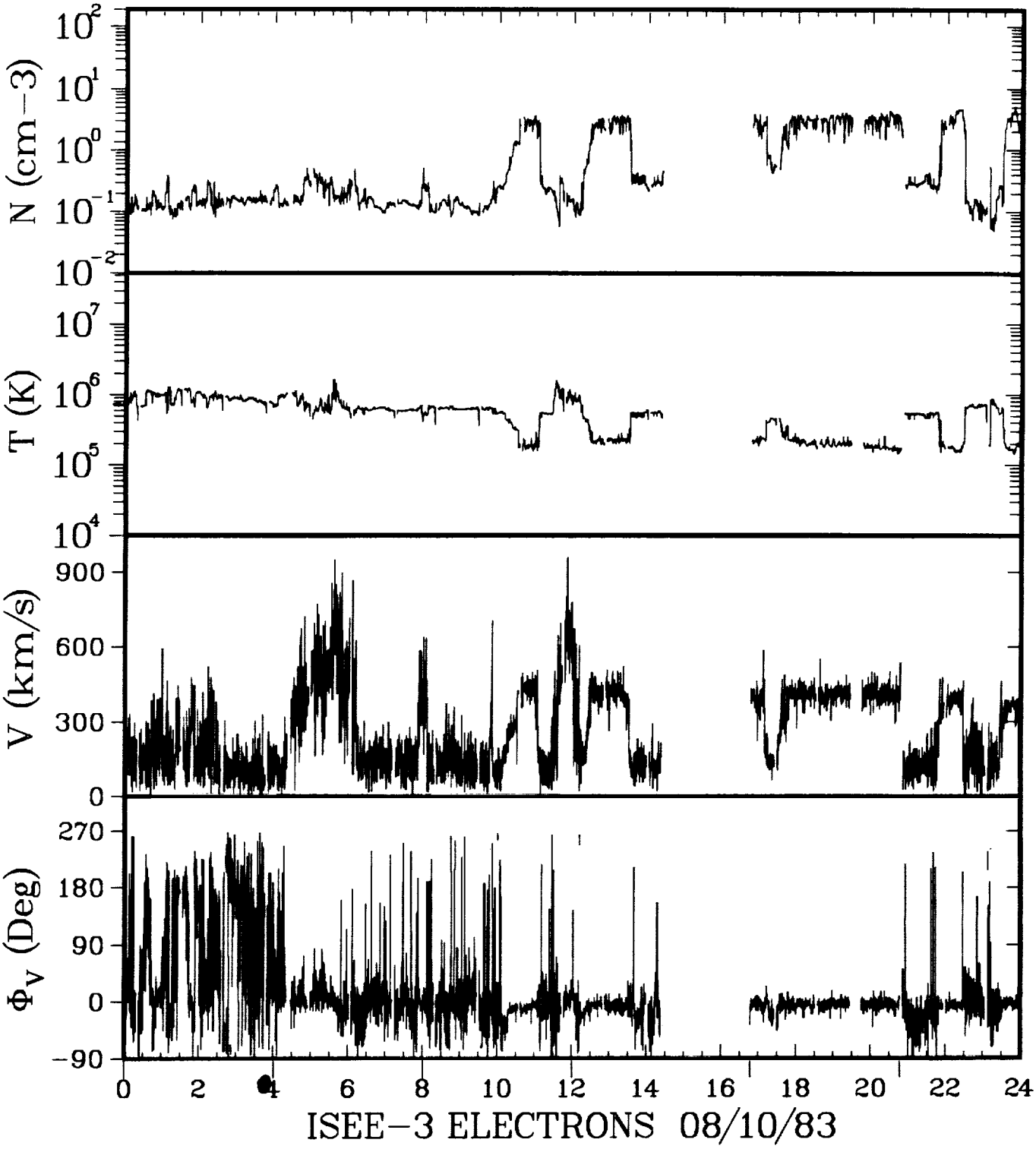
GSEX	-221.6	-221.5	-221.3	-221.1	-221.0
Y	13.8	13.7	13.7	13.6	13.6
Z	14.4	14.5	14.6	14.8	14.9
GSMY	17.0	18.7	18.8	17.0	14.9
Z	10.3	6.9	6.8	10.7	13.5



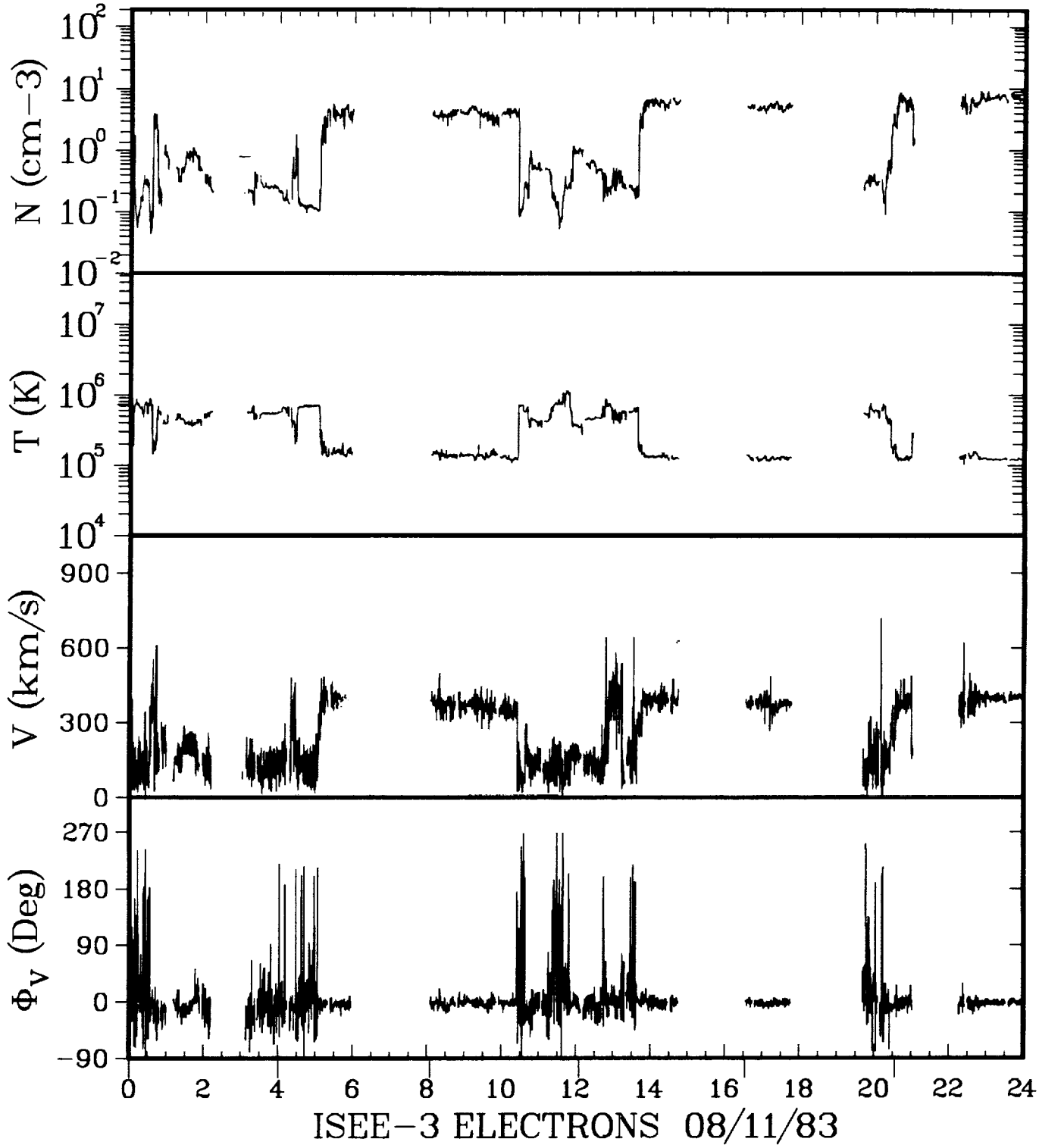
GSEX	-220.9	-220.7	-220.5	-220.4	-220.2	-220.1
Y	13.5	13.5	13.4	13.4	13.4	13.3
Z	14.9	15.0	15.1	15.2	15.4	15.5
GSMY	14.9	16.9	18.8	19.1	17.7	15.1
Z	13.5	11.0	7.6	6.9	10.1	13.6



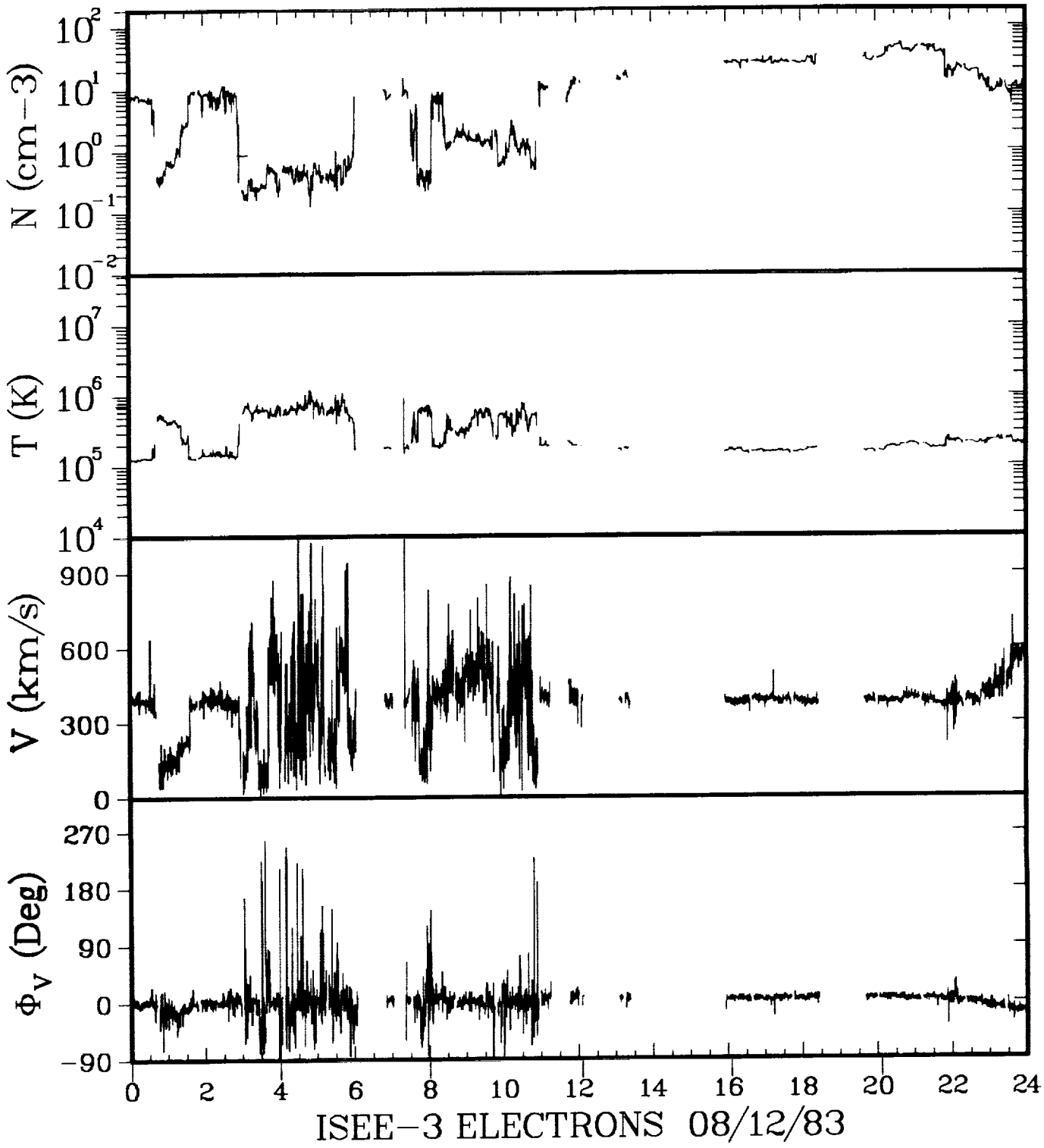
GSEX	-219.9	-219.8	-219.6	-219.4	-219.3	-219.1
Y	13.3	13.2	13.1	13.1	13.0	13.0
Z	15.6	15.7	15.8	15.9	16.0	16.1
GSMY	14.8	16.8	18.8	19.2	17.0	14.6
Z	14.1	11.6	8.2	7.5	11.6	14.6



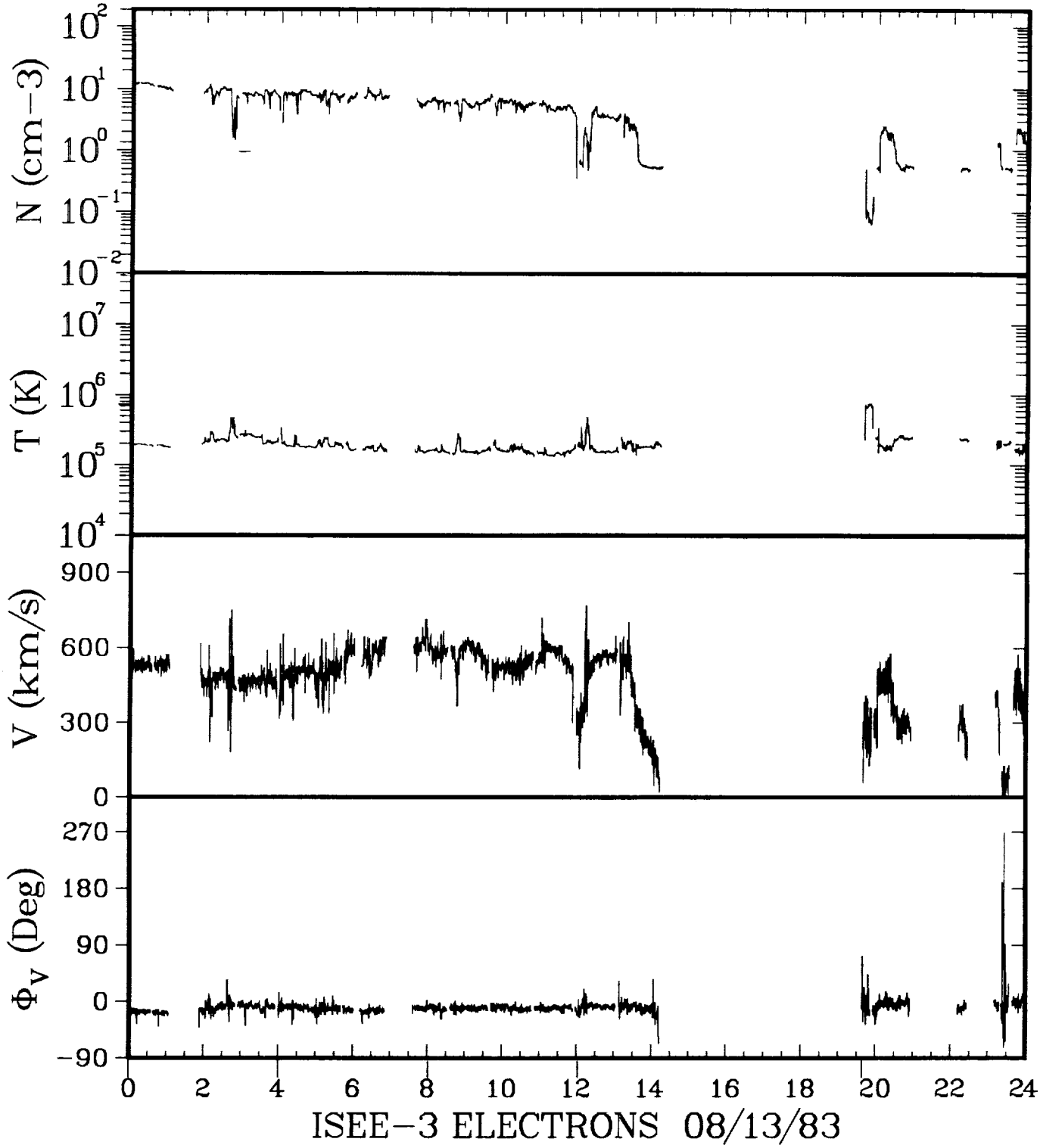
GSEX	-219.0	-218.8	-218.7	-218.5	-218.3	-218.2
Y	12.9	12.9	12.8	12.7	12.6	12.6
Z	16.1	16.2	16.3	16.4	16.6	16.6
GSMY	14.6	16.7	18.8	19.2	17.0	14.4
Z	14.7	12.2	8.9	8.1	12.0	15.1



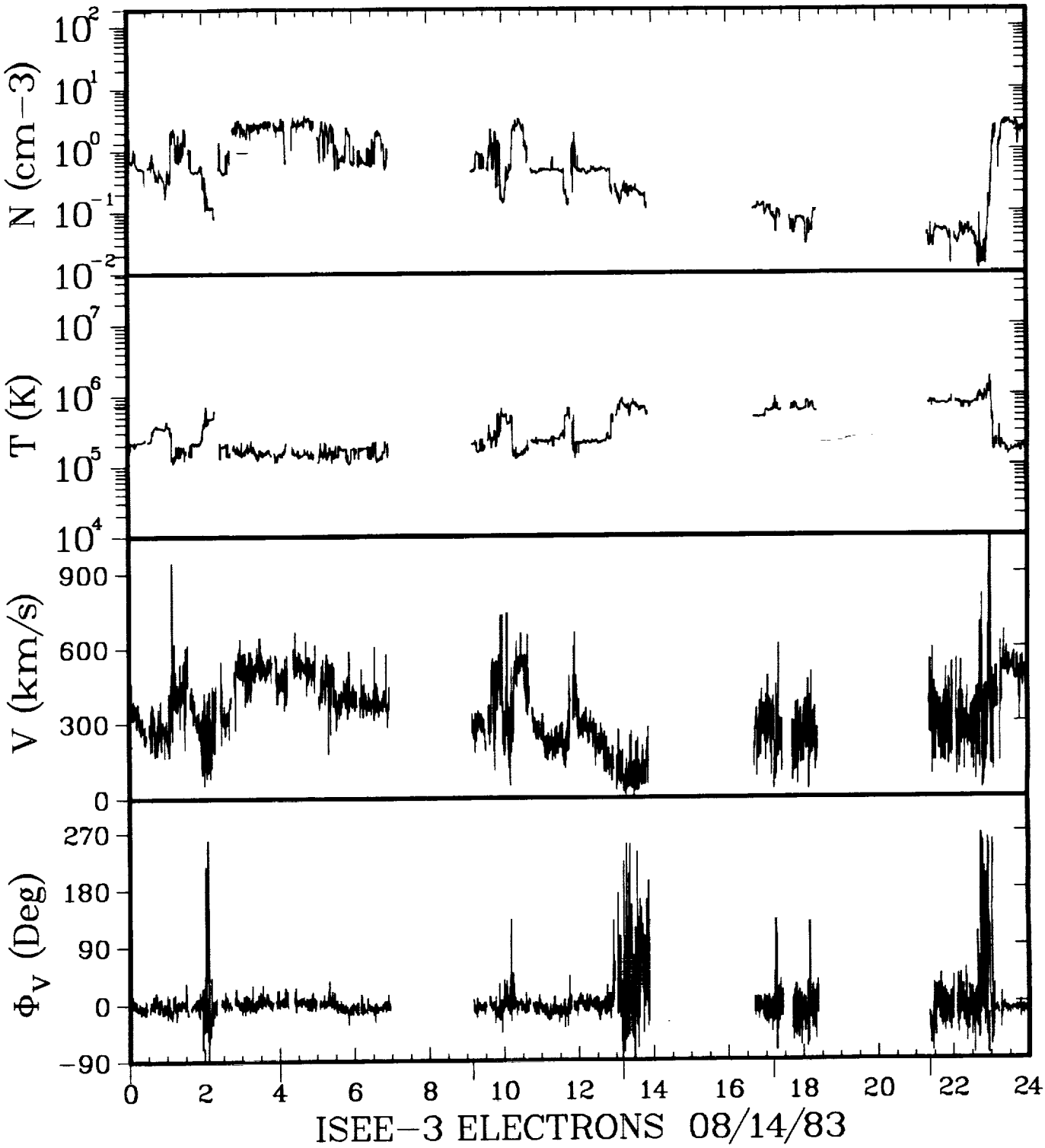
GSEX	-218.0	-217.9	-217.7	-217.6	-217.4	-217.2
Y	12.5	12.4	12.4	12.3	12.2	12.1
Z	16.7	16.8	16.9	17.0	17.1	17.2
GSMY	14.3	16.6	18.7	19.1	17.0	14.2
Z	15.2	12.8	9.4	8.7	12.4	15.5



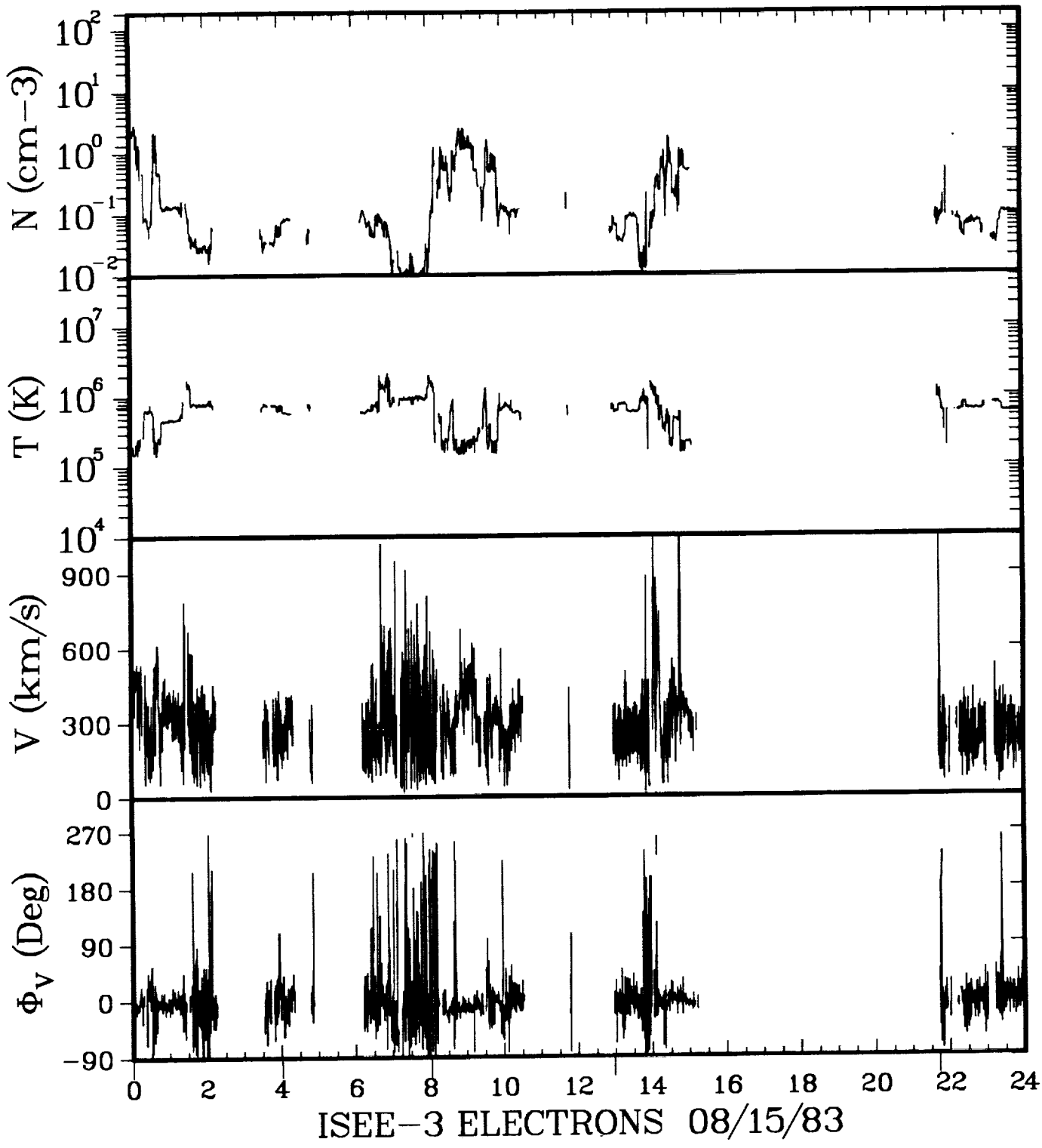
GSEX	-217.1	-216.9	-216.8	-216.6	-216.5	-216.3
Y	12.1	12.0	11.9	11.8	11.7	11.6
Z	17.3	17.4	17.4	17.5	17.6	17.7
GSMY	14.0	16.3	18.5	19.0	17.1	14.1
Z	15.7	13.4	10.1	9.3	12.5	15.8



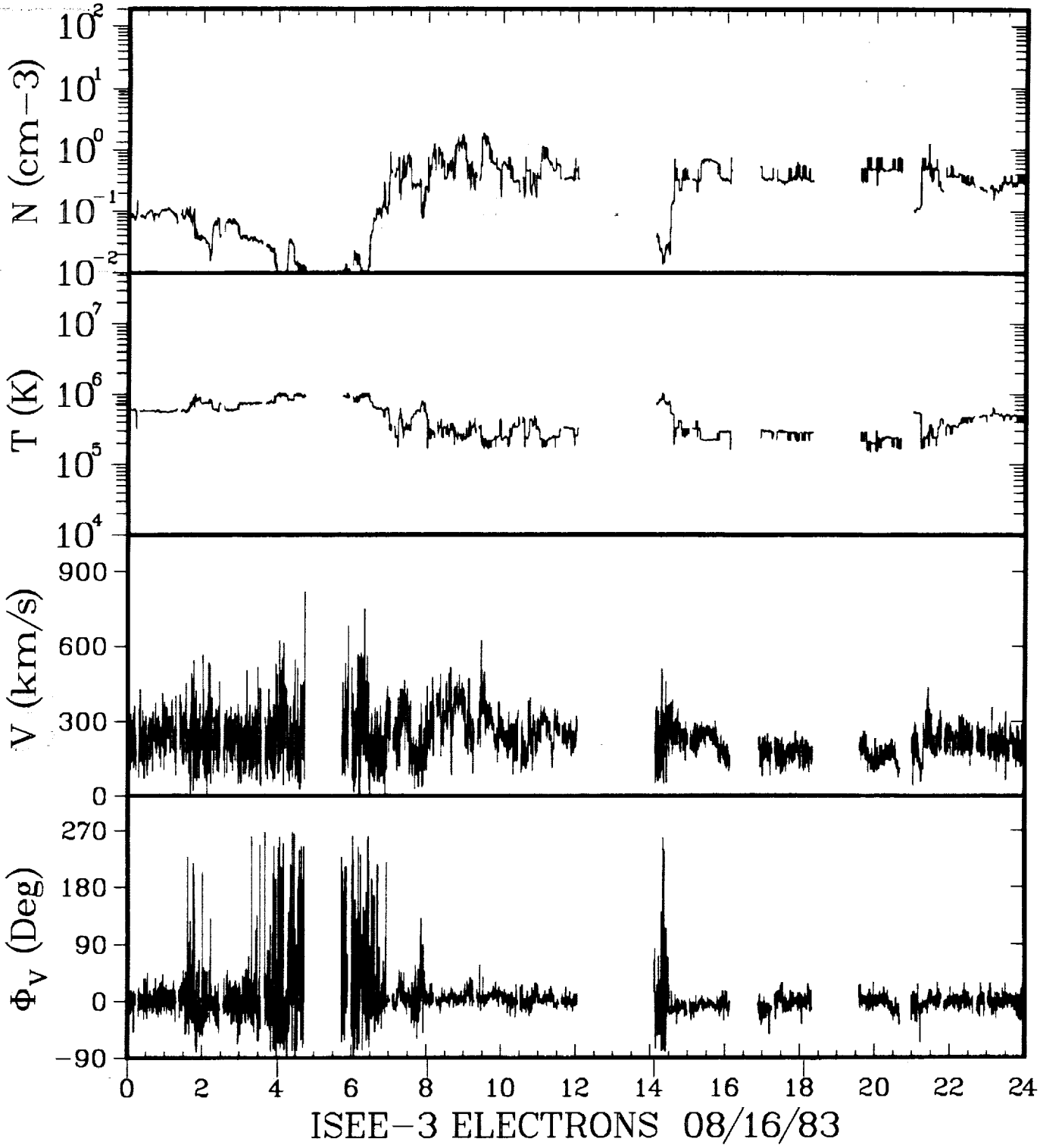
GSEX	-216.2	-216.0	-215.8	-215.7	-215.4
Y	11.5	11.4	11.3	11.2	11.0
Z	17.8	17.9	18.0	18.0	18.2
GSMY	13.6	16.0	18.3	18.8	13.9
Z	16.2	14.0	10.7	10.0	16.1



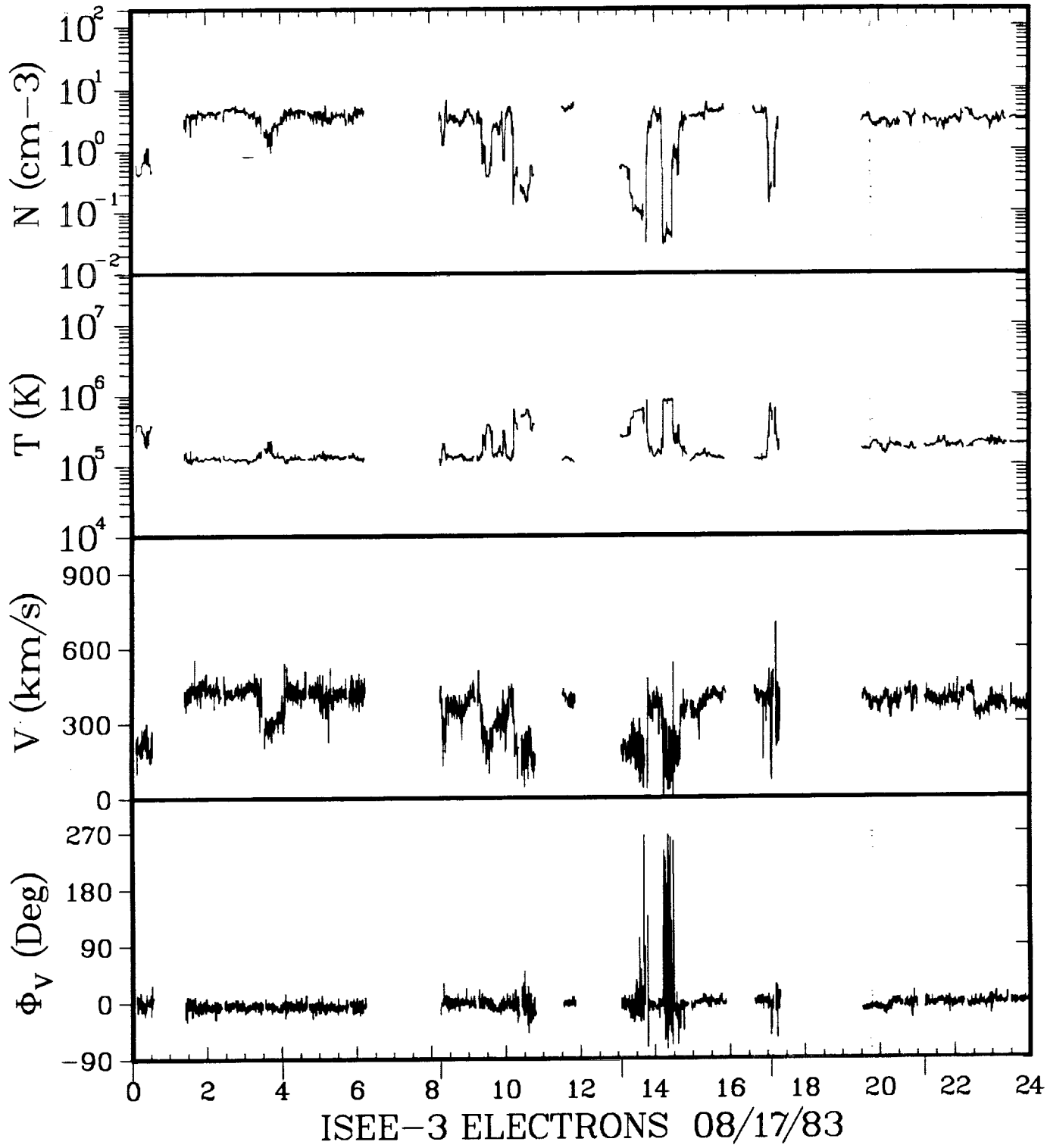
GSEX	-215	-215.0	-214.8	-214.6	-214.5	-214.3
Y	10.9	10.8	10.7	10.5	10.4	10.3
Z	18.3	18.4	18.5	18.5	18.6	18.7
GSMY	13.1	15.6	18.4	18.1	15.4	12.5
Z	16.7	14.5	10.8	11.2	14.8	17.3



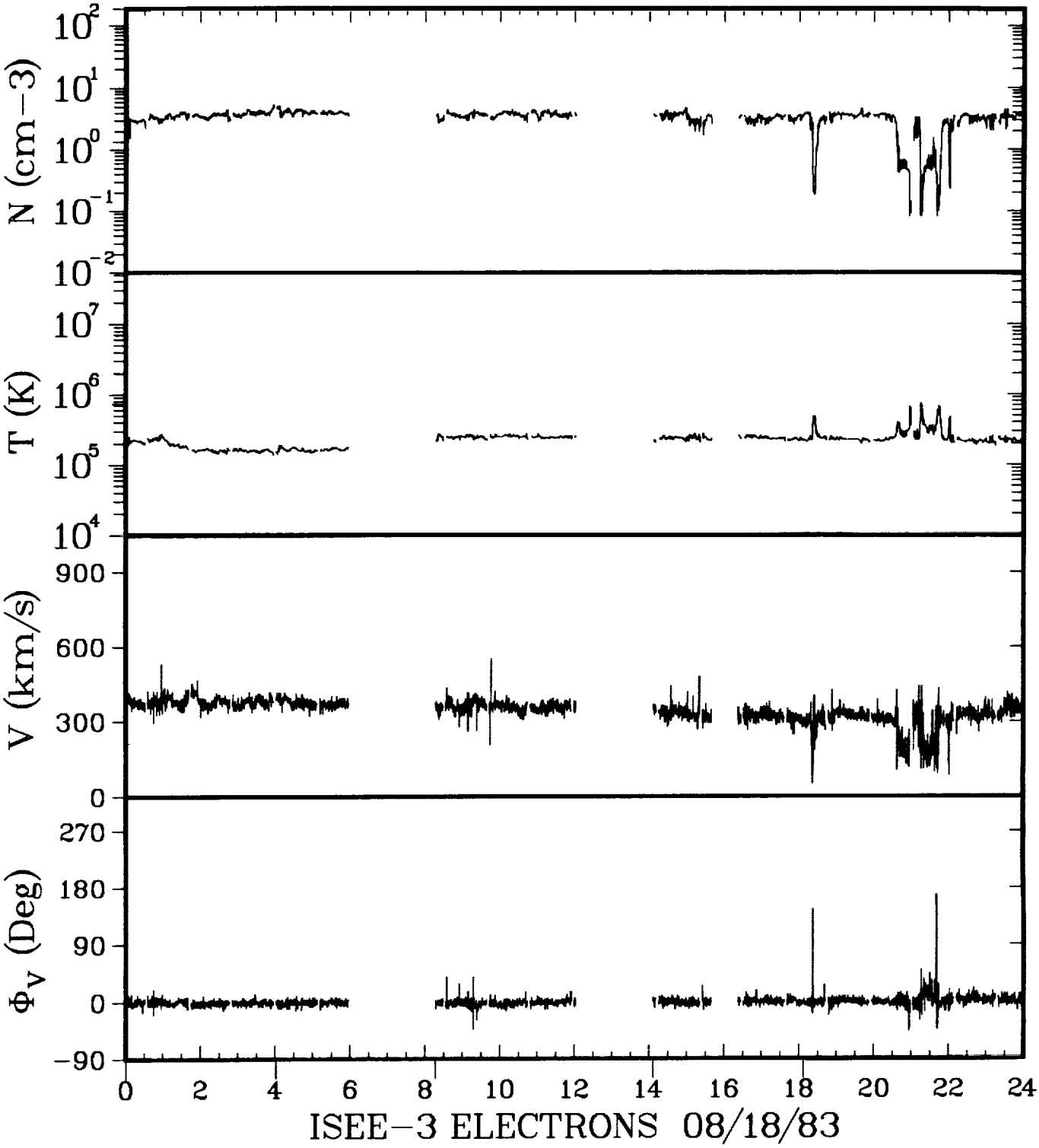
GSEX	-214.2	-214.0	-213.8	-213.6	-213.2
Y	10.2	10.1	10.0	9.8	9.5
Z	18.7	18.8	18.9	19.0	19.1
GSMY	12.6	15.1	17.7	17.8	11.8
Z	17.2	15.1	12.0	11.8	17.8



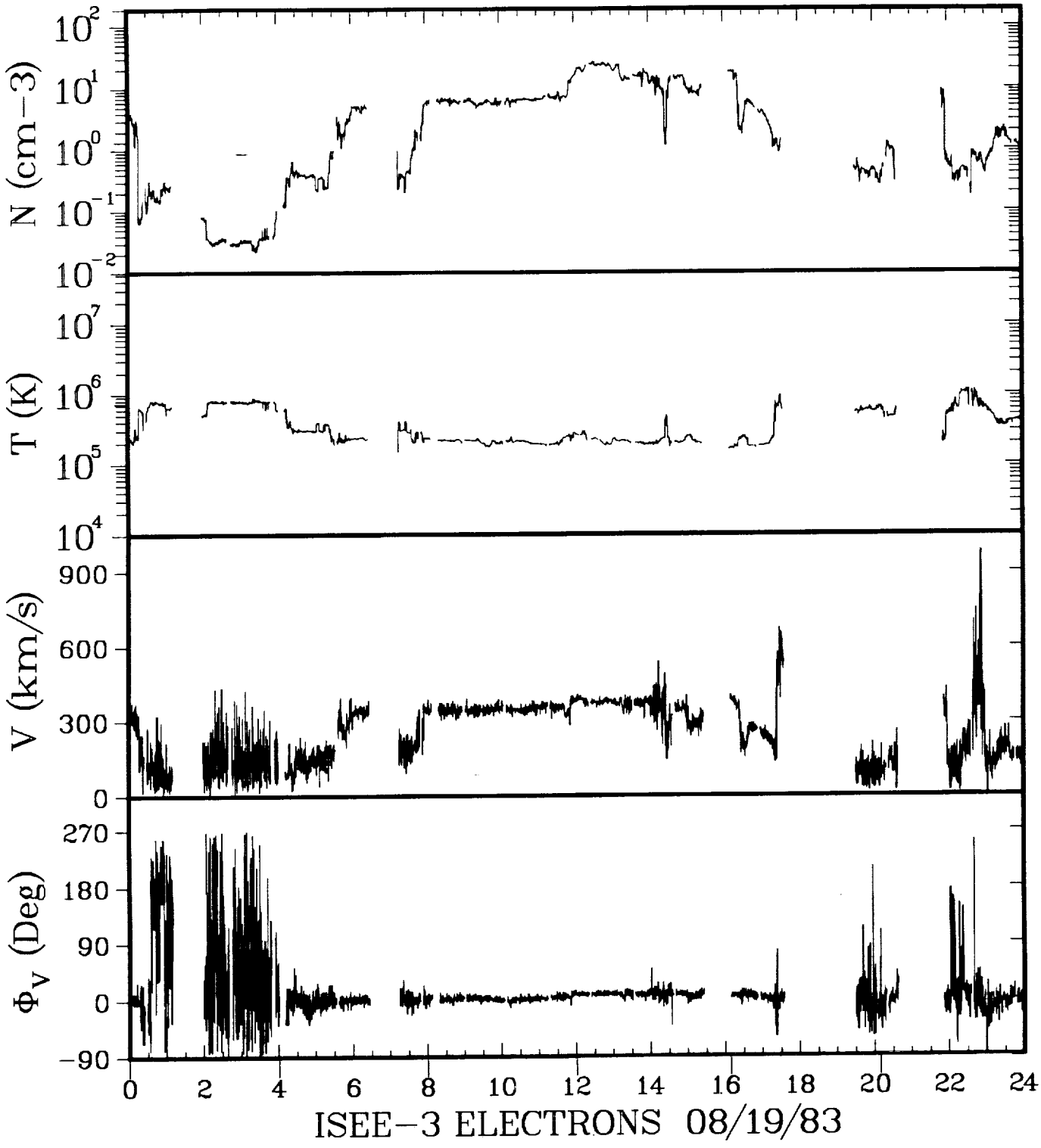
GSEX	-213.1	-212.9	-212.8	-212.5	-212.3
Y	9.4	9.3	9.2	8.9	8.8
Z	19.2	19.2	19.3	19.4	19.5
GSMY	11.9	14.5	17.2	16.8	13.3
Z	17.7	15.7	12.7	13.2	16.7



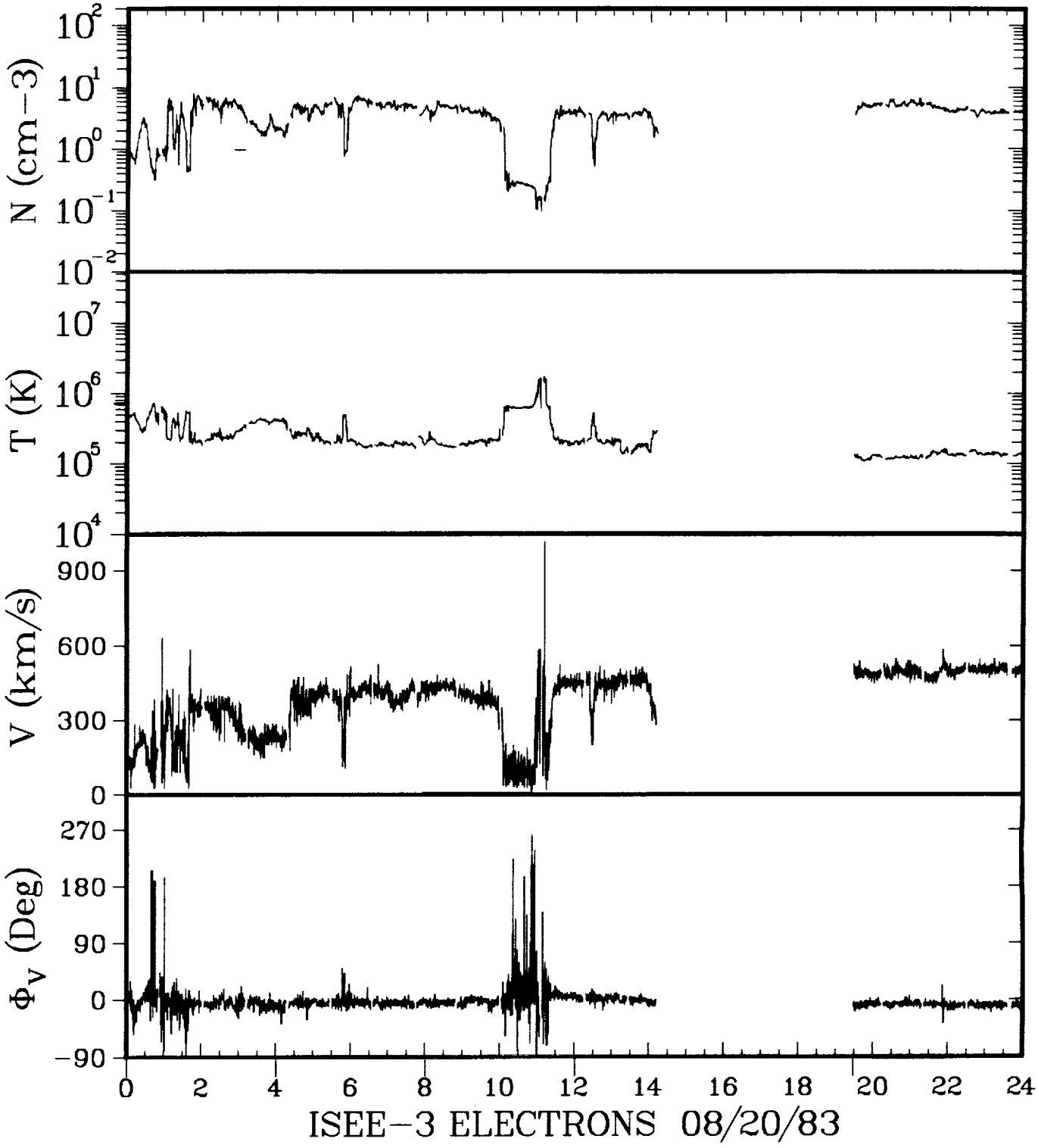
GSEX	-212.0	-211.8	-211.6	-211.4	-211.2	-211.0
Y	8.6	8.4	8.3	8.1	7.9	7.7
Z	19.6	19.6	19.7	19.8	19.8	19.9
GSMY	11.2	13.9	16.7	16.8	13.6	10.4
Z	18.2	16.3	13.3	13.3	16.4	18.6



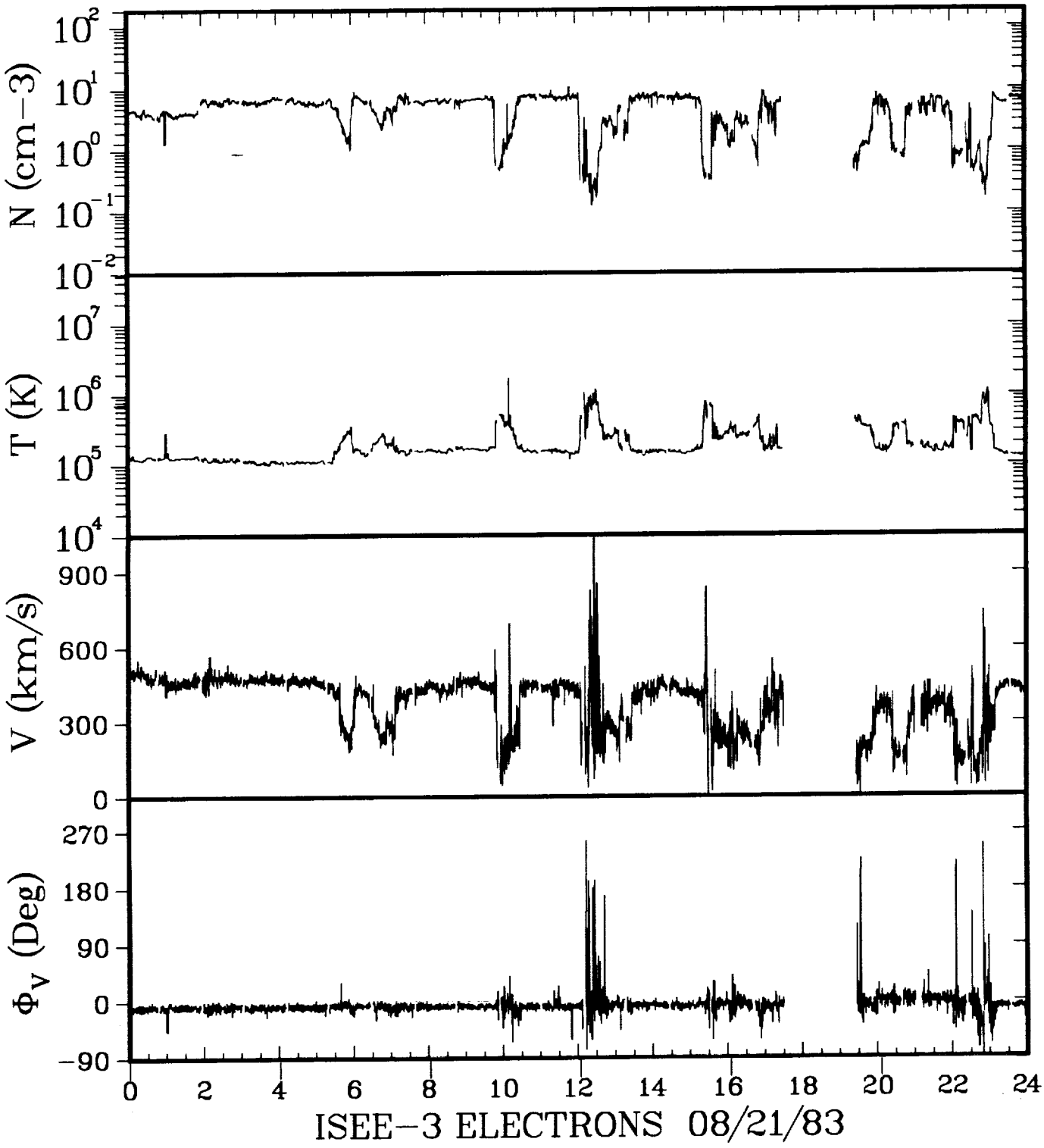
GSEX	-210.9	-210.7	-210.5	-210.2	-210.0
Y	7.6	7.5	7.3	7.0	6.9
Z	19.9	20.0	20.1	20.1	20.2
GSMY	10.4	13.1	16.1	15.5	11.8
Z	18.6	16.8	14.0	14.6	17.8



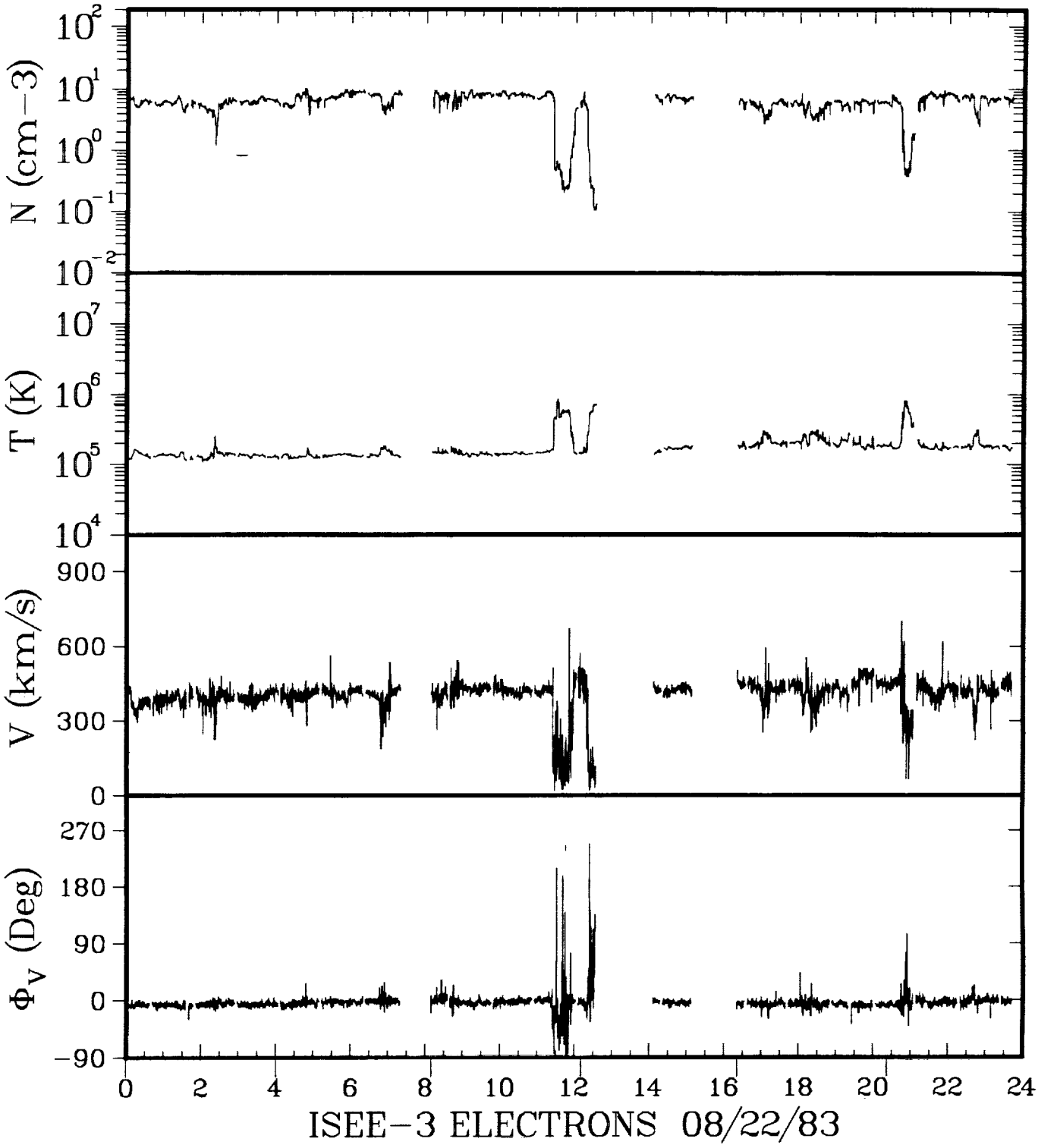
GSEX	-209.7	-209.5	-209.2	-209.0	-208.8	-208.6
Y	6.6	6.4	6.3	6.1	5.9	5.7
Z	20.3	20.3	20.4	20.4	20.5	20.5
GSMY	9.5	12.3	15.3	15.8	13.0	9.1
Z	19.1	17.4	14.9	14.3	16.9	19.3



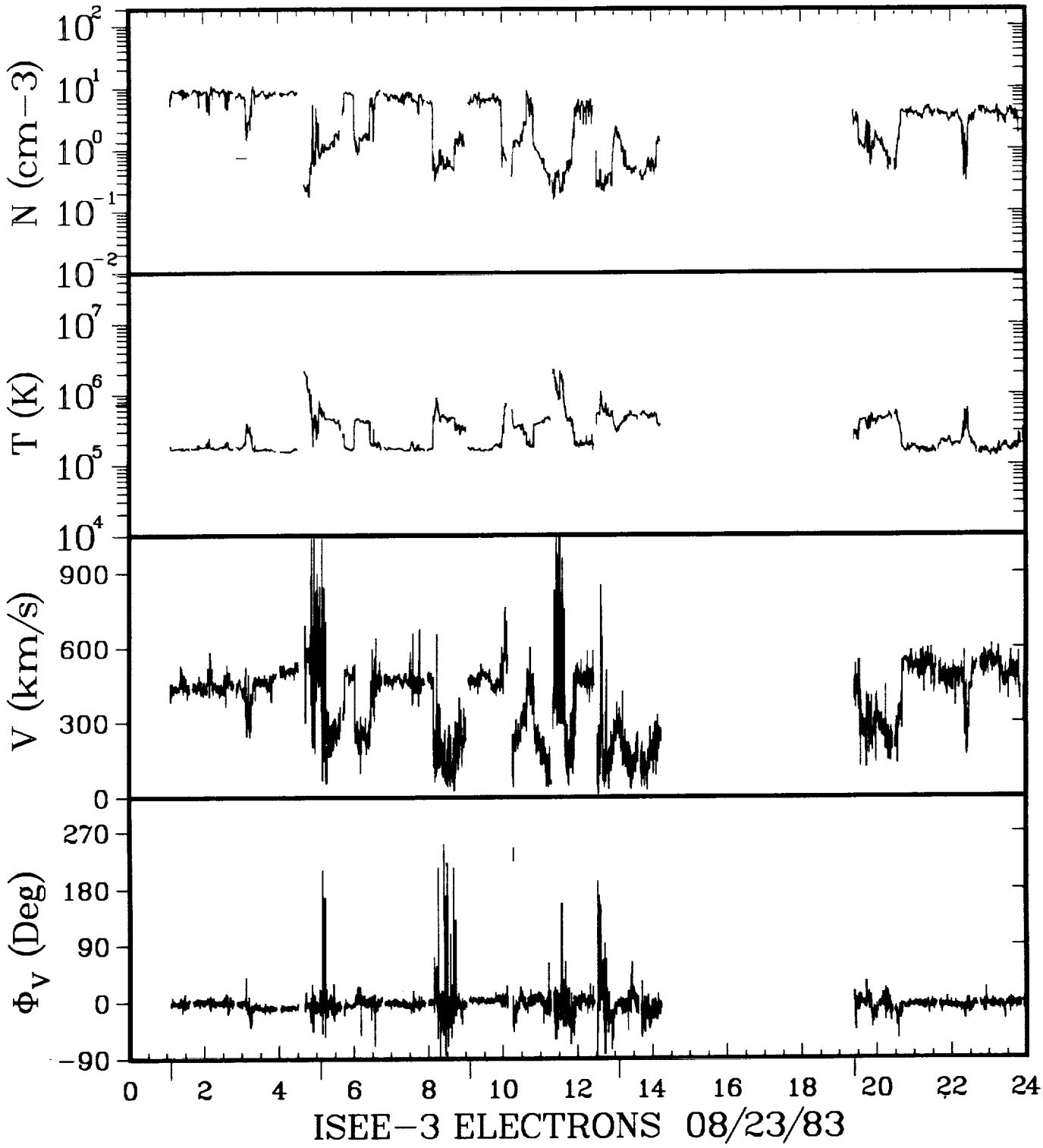
GSEX	-208.4	-208.2	-207.9	-207.7	-207.3
Y	5.5	5.3	5.1	4.9	4.6
Z	20.6	20.6	20.7	20.7	20.8
GSMY	8.6	11.4	14.5	15.0	8.7
Z	19.5	18.0	15.6	15.1	19.5



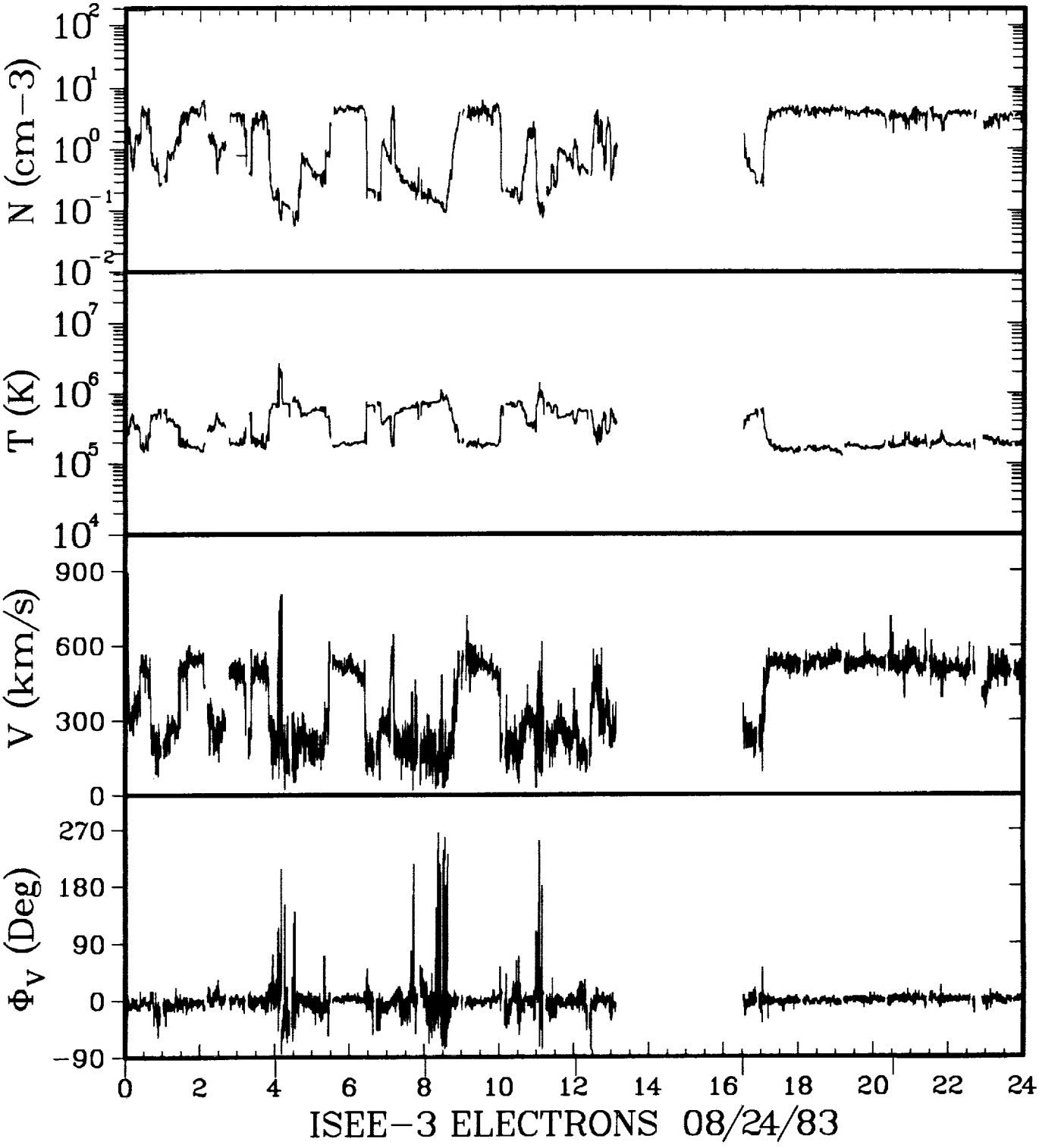
GSEX	-207.0	-206.8	-206.5	-206.3	-206.0	-205.8
Y	4.3	4.1	3.9	3.7	3.5	3.3
Z	20.9	20.9	21.0	21.0	21.0	21.1
GSMY	7.5	10.5	13.7	14.2	11.2	7.1
Z	20.0	18.6	16.4	15.9	18.2	20.1



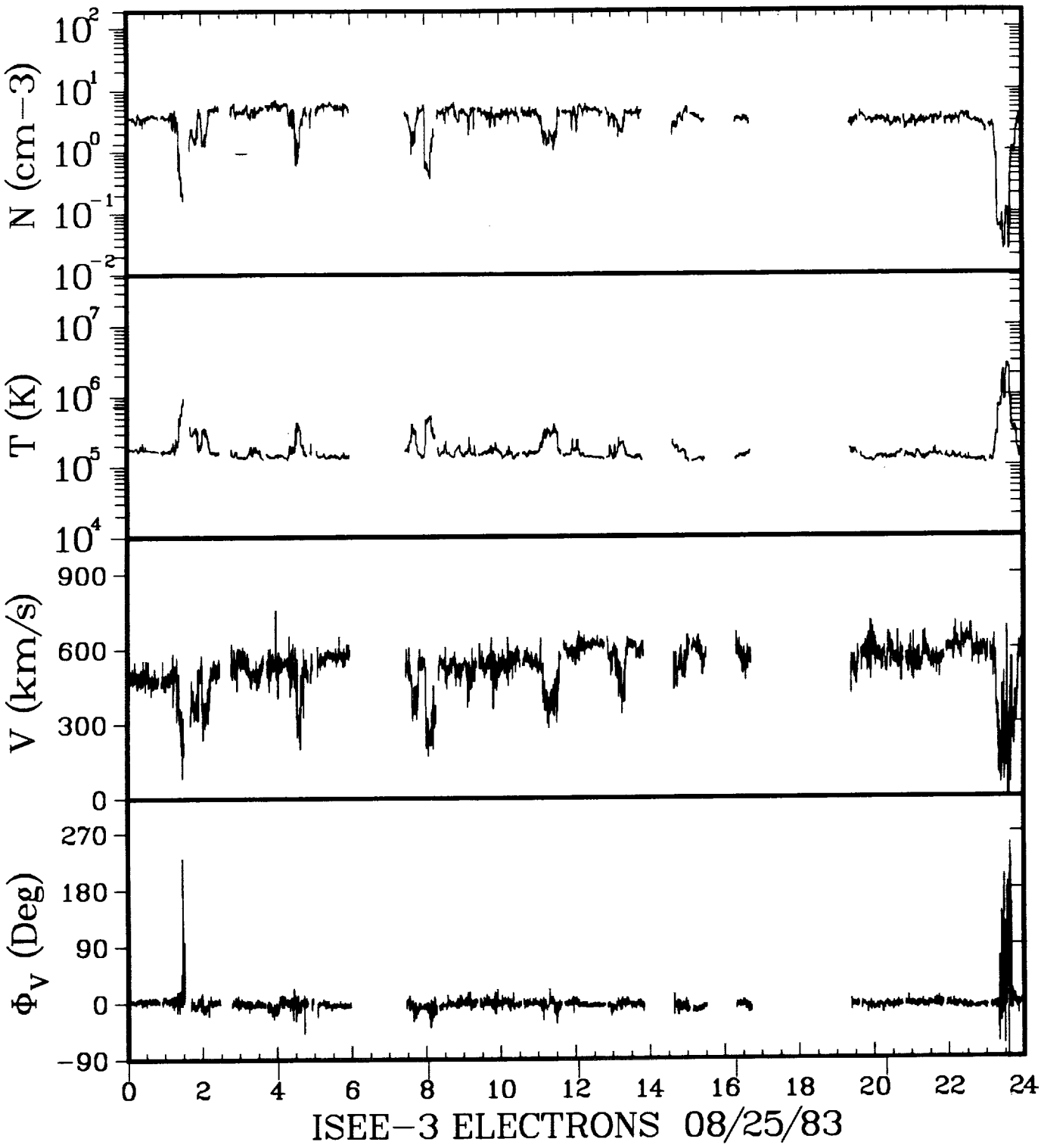
GSEX	-205.6	-205.3	-205.0	-204.8	-204.5	-204.3
Y	3.1	2.9	2.7	2.5	2.2	2.0
Z	21.1	21.2	21.2	21.2	21.3	21.3
GSMY	6.4	9.4	12.8	13.3	9.8	5.8
Z	20.4	19.2	17.1	16.8	19.0	20.6



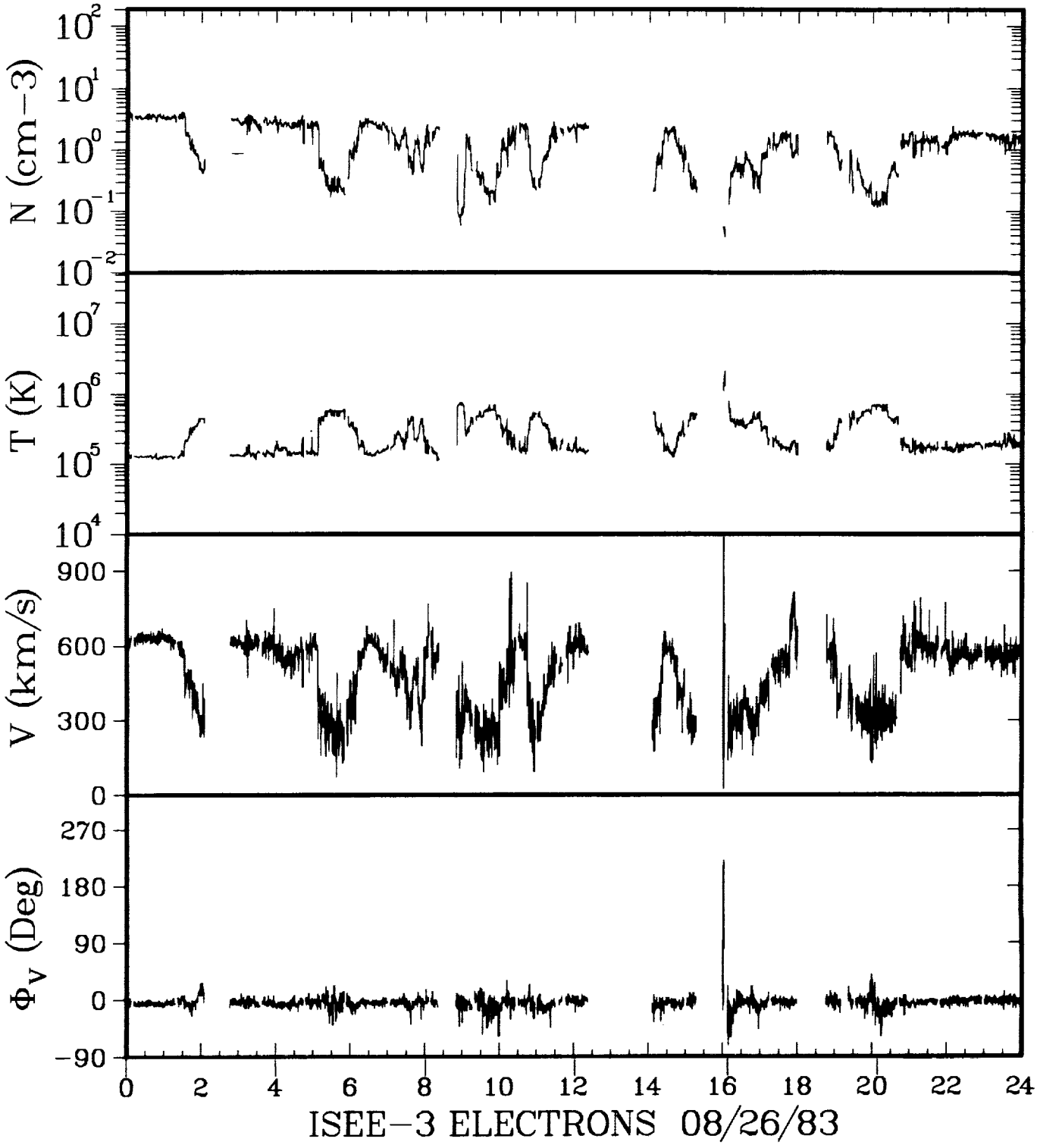
GSEX	-203.9	-203.7	-203.4	-203.1	-202.7
Y	1.8	1.5	1.3	1.1	0.7
Z	21.4	21.4	21.4	21.4	21.5
GSMY	5.8	9.4	12.3	11.8	5.3
Z	20.6	19.3	17.6	17.9	20.8



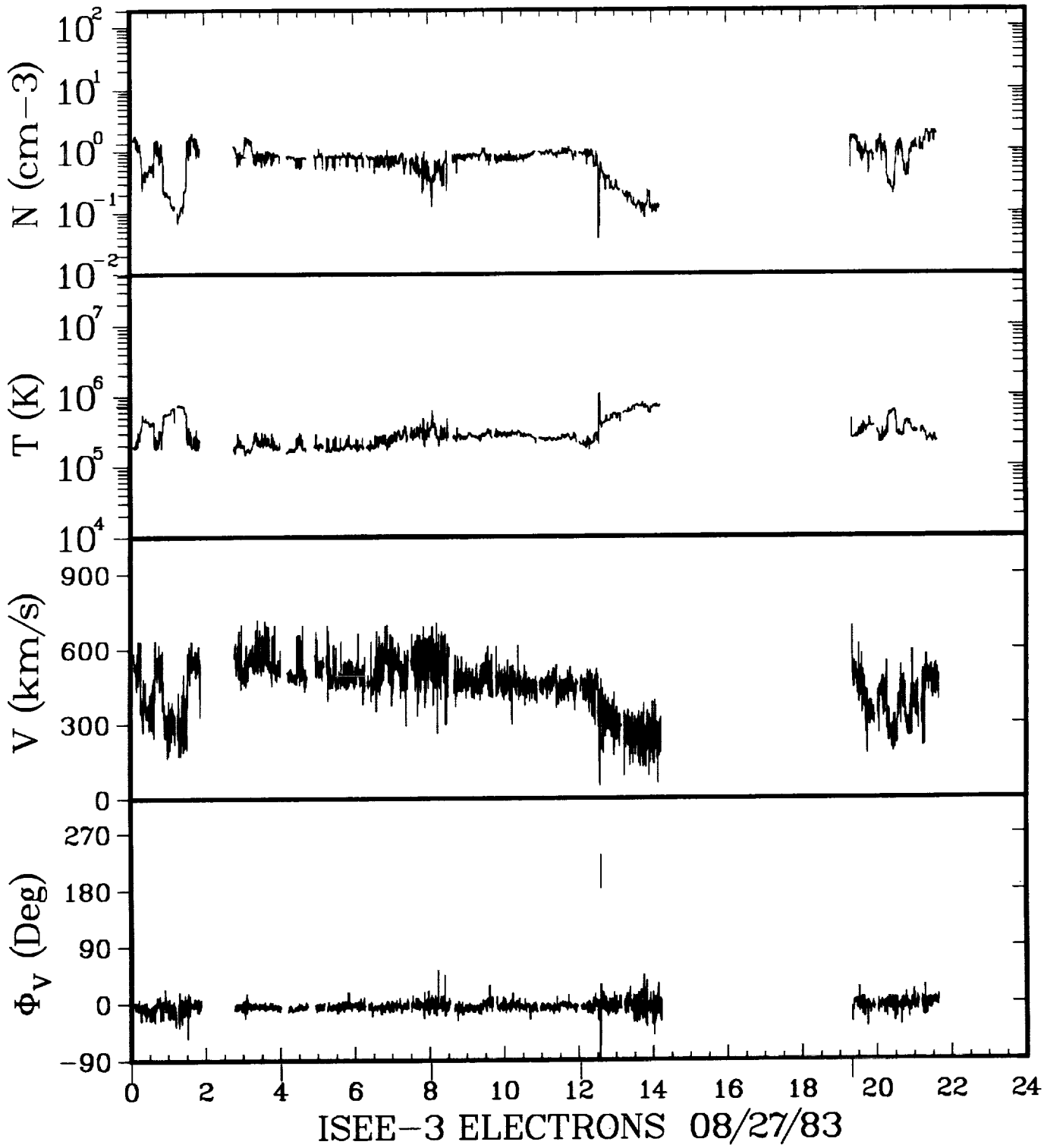
GSEX	-202.4	-202.1	-201.8	-201.5	-201.2	-200.9
Y	0.5	0.2	0.0	-0.2	-0.5	-0.7
Z	21.5	21.6	21.6	21.6	21.6	21.7
GSMY	4.0	7.1	10.7	11.3	7.3	3.1
Z	21.2	20.3	18.7	18.4	20.4	21.4



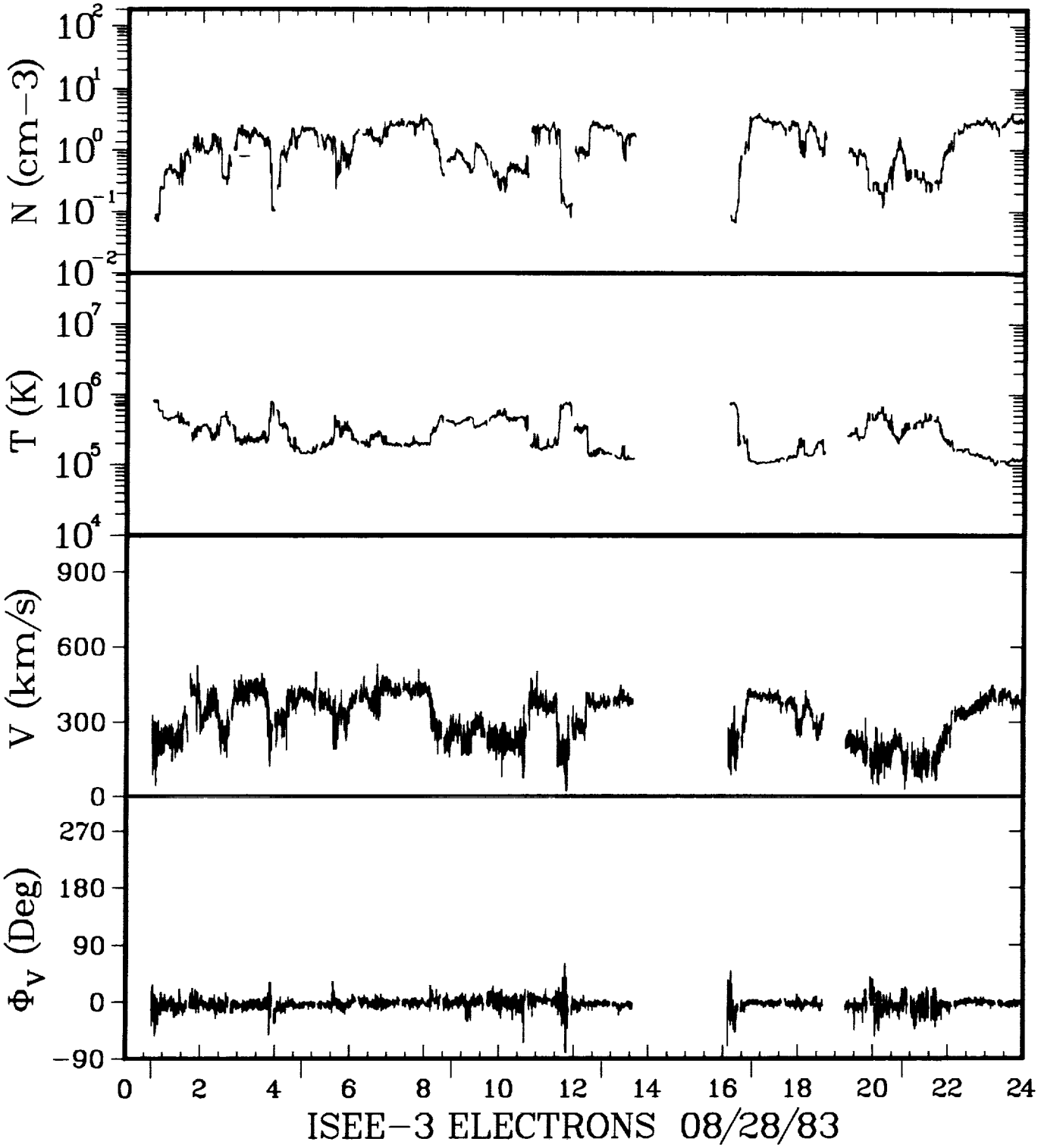
GSEX	-200.6	-200.3	-200.0	-199.7	-199.4	-199.1
Y	-0.9	-1.2	-1.4	-1.7	-1.9	-2.2
Z	21.7	21.7	21.7	21.7	21.8	21.8
GSMY	2.7	5.9	9.6	10.2	6.4	1.9
Z	21.5	20.9	19.5	19.3	20.9	21.8



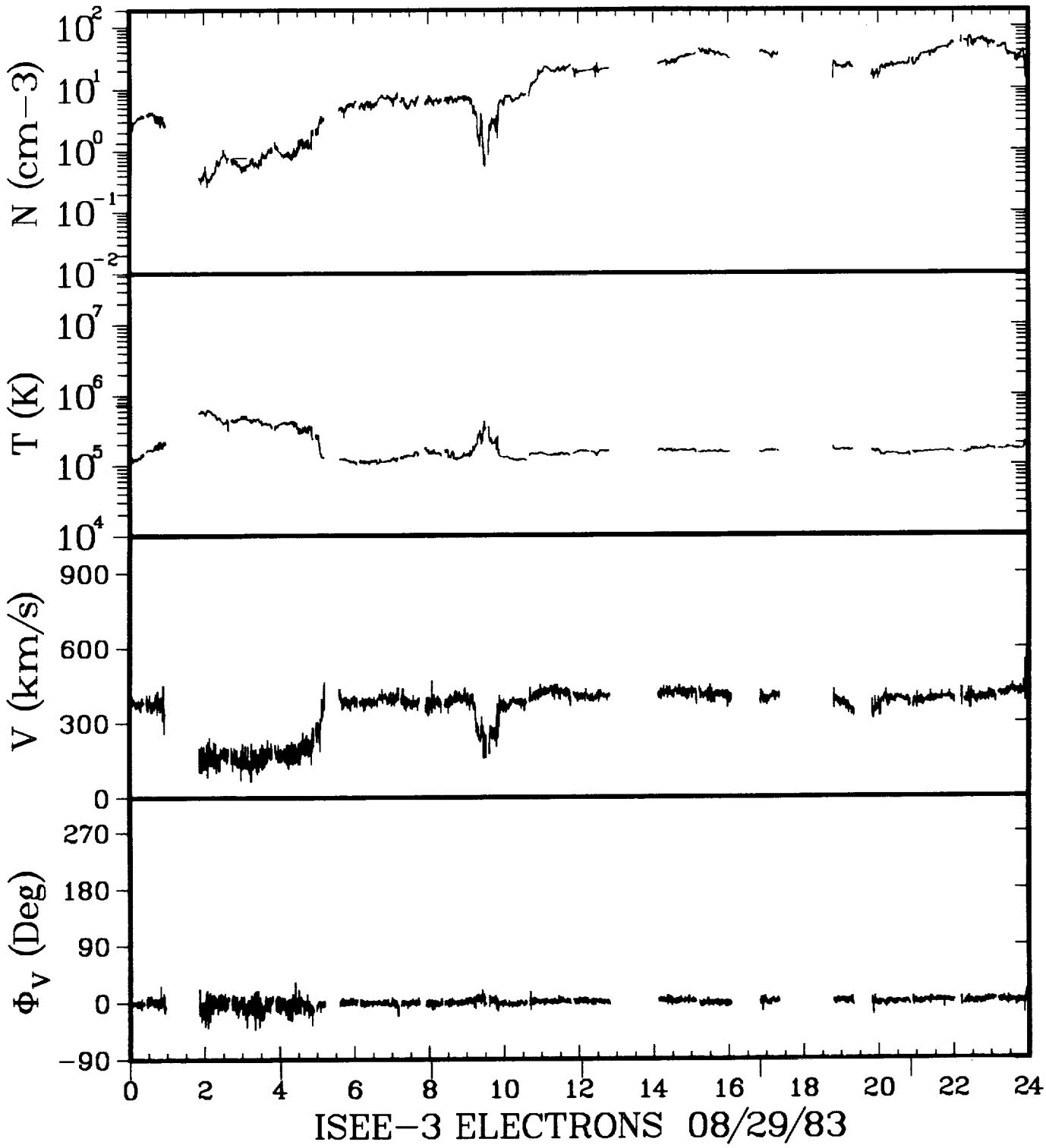
GSEX	-198.8	-198.5	-198.2	-197.8	-197.5	-197.2
Y	-2.4	-2.7	-2.9	-3.2	-3.4	-3.7
Z	21.8	21.8	21.8	21.8	21.9	21.9
GSMY	1.4	4.6	8.5	9.1	5.3	0.7
Z	21.9	21.5	20.3	20.1	21.5	22.2



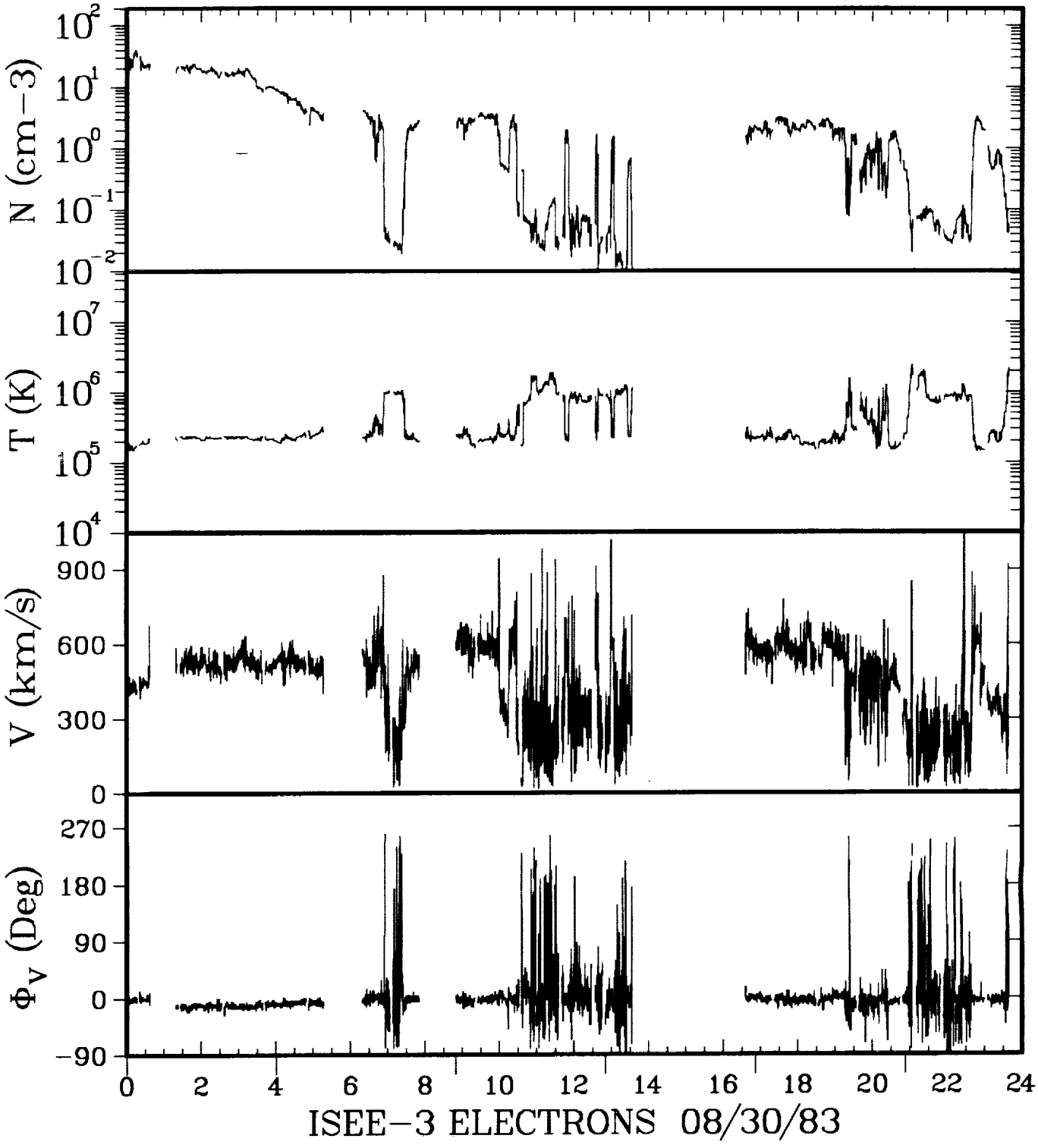
GSEX	-196.9	-196.5	-196.2	-195.8	-195.2
Y	-3.9	-4.2	-4.4	-4.7	-5.1
Z	21.9	21.9	21.9	21.9	21.9
GSMY	0.0	3.3	7.3	7.8	0.0
Z	22.2	22.0	21.1	21.0	22.5



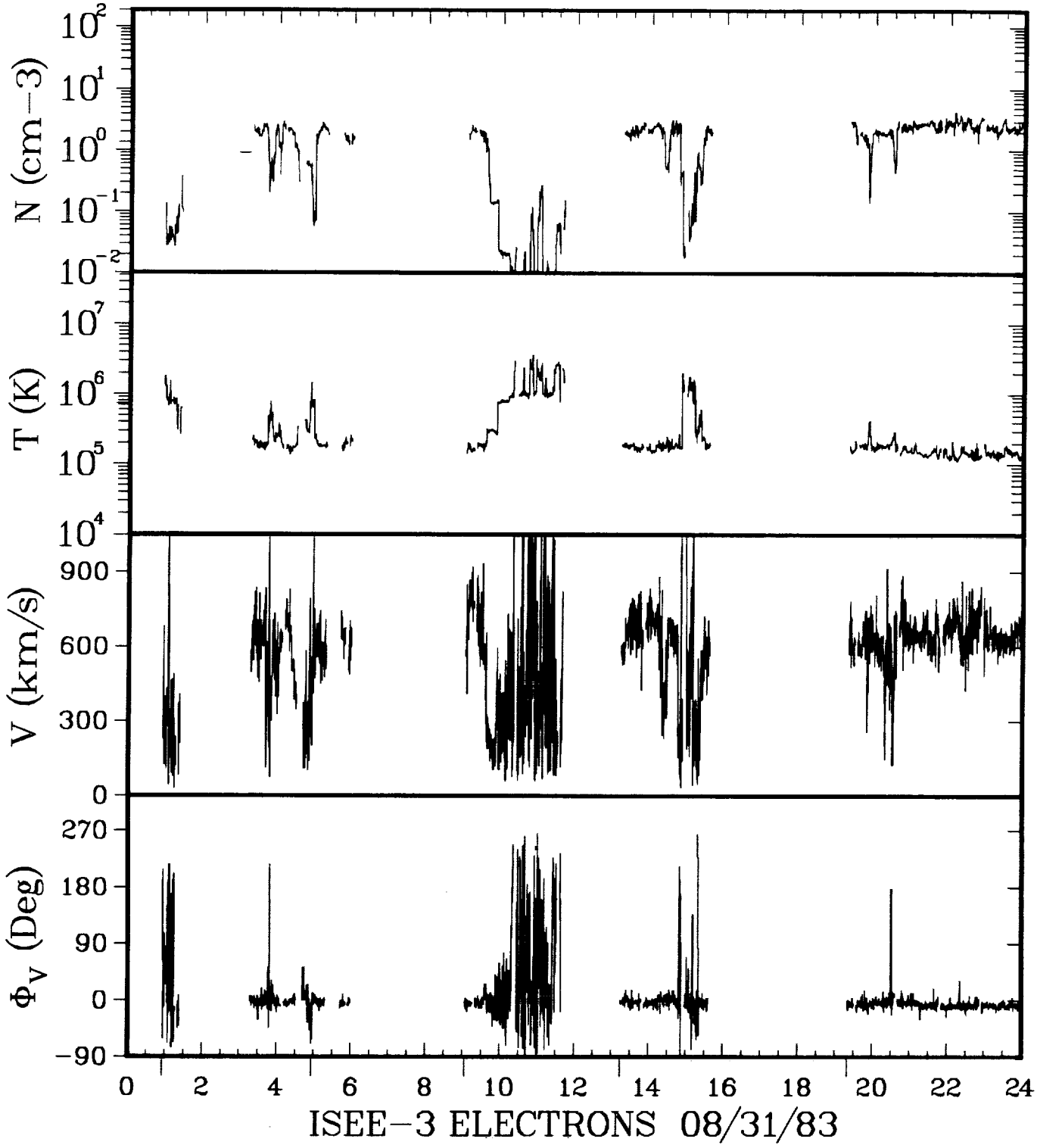
GSEX	-194.7	-194.4	-194.0	-193.7	-193.3	-192.9
Y	-5.5	-5.8	-6.0	-6.3	-6.6	-6.8
Z	21.9	21.9	21.9	21.9	21.9	21.9
GSMY	-1.1	2.7	6.4	6.2	1.7	-2.7
Z	22.6	22.5	21.8	21.9	22.8	22.8



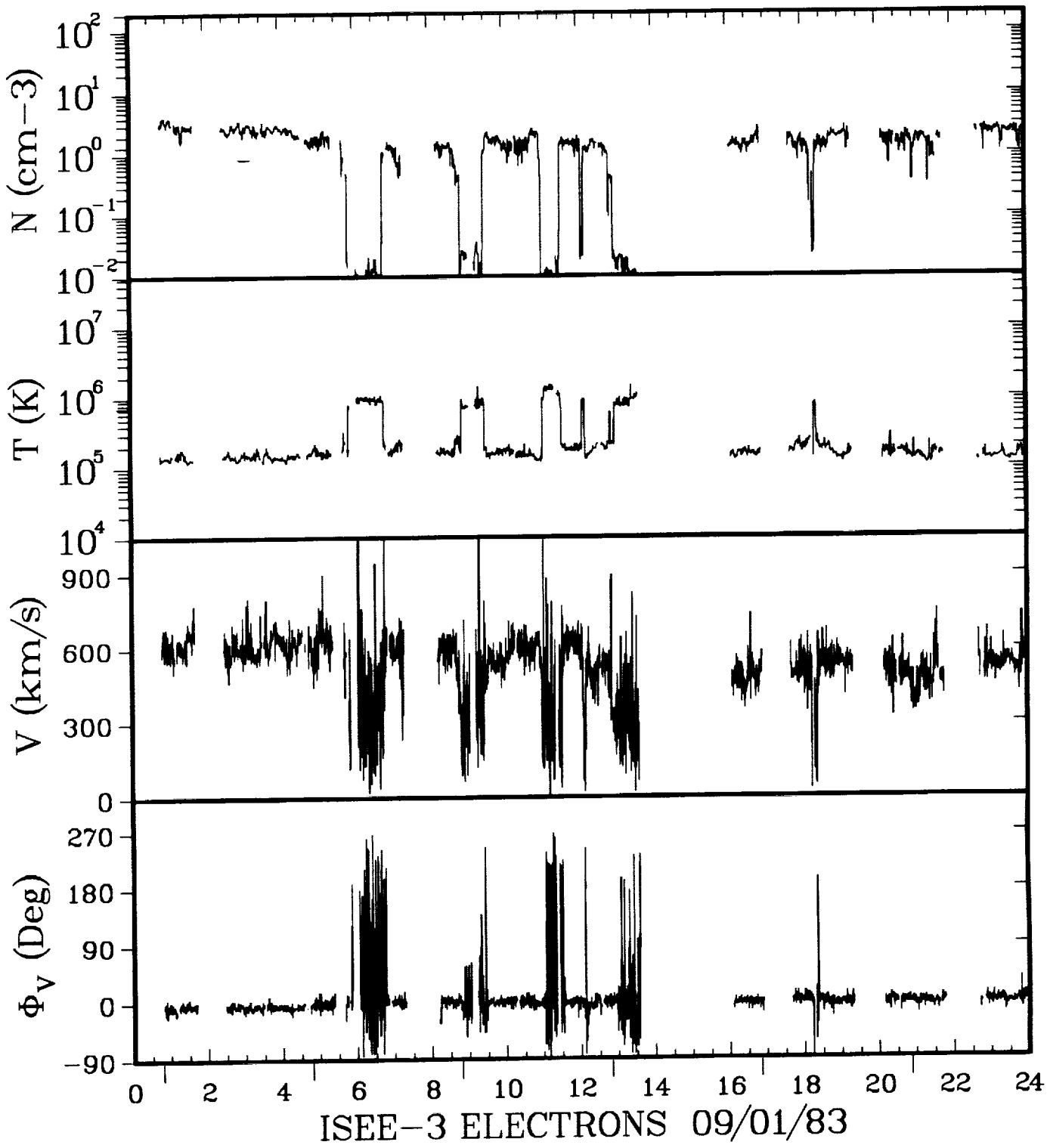
GSEX	-192.6	-192.3	-191.9	-191.5	-191.1	-190.7
Y	-7.0	-7.3	-7.6	-7.8	-8.2	-8.4
Z	21.9	21.9	21.9	21.9	21.9	21.9
GSMY	-3.0	0.5	4.7	5.3	0.2	-4.2
Z	22.8	23.1	22.7	22.7	23.4	23.1



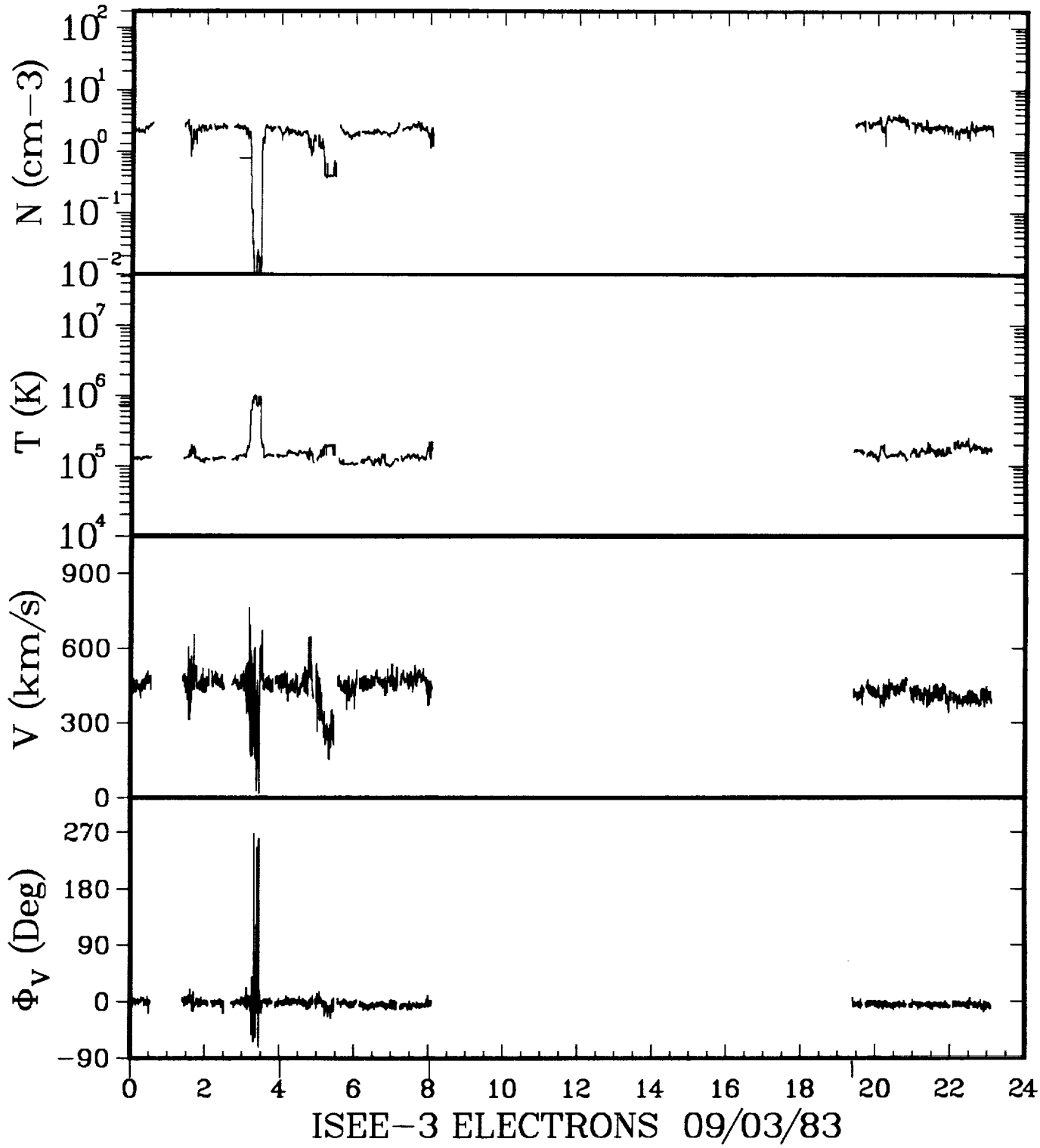
GSEX	-190.4	-190.0	-189.5	-189.1	-188.7	-188.3
Y	-8.6	-8.9	-9.2	-9.5	-9.8	-10.1
Z	21.9	21.9	21.9	21.9	21.8	21.8
GSMY	-4.5	-1.0	3.8	3.5	-1.4	-5.8
Z	23.1	23.6	23.4	23.6	23.9	23.3



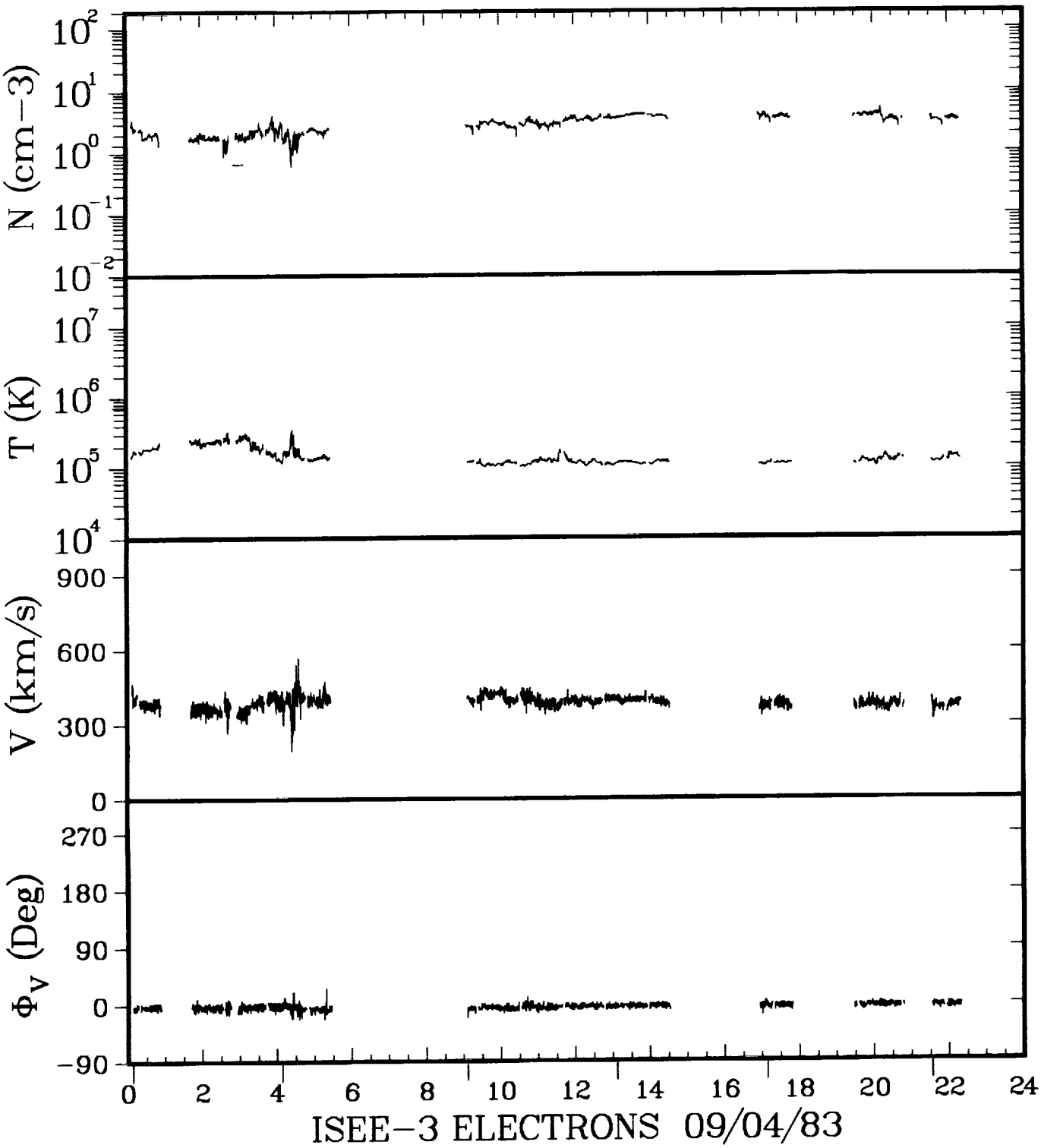
GSEX	-187.9	-187.5	-187.1	-186.6	-186.0
Y	-10.3	-10.6	-10.9	-11.2	-11.6
Z	21.8	21.8	21.8	21.8	21.7
GSMY	-5.5	-1.3	2.6	1.8	-6.1
Z	23.5	24.2	24.2	24.4	23.9



GSEX	-185.4	-185.0	-184.6	-184.1	-183.7	-183.3
Y	-12.0	-12.3	-12.5	-12.8	-13.1	-13.4
Z	21.7	21.7	21.6	21.6	21.6	21.6
GSMY	-7.2	-3.0	1.0	0.6	-4.4	-9.0
Z	23.7	24.7	25.0	25.1	24.9	23.7



GSEX	-180.2	-179.7	-999.0		-999.0
Y	-15.3	-15.6	-999.0		-999.0
Z	21.3	21.3	-999.0		-999.0
GSMY	-10.9	-7.2	-999.0		-999.0
Z	23.9	25.4	-999.0		-999.0



GSEX	-999.0	-176.9	-176.3	-175.8	-175.3	-174.8
Y	-999.0	-17.4	-17.7	-18.0	-18.3	-18.7
Z	-999.0	21.0	21.0	20.9	20.9	20.8
GSMY	-999.0	-8.7	-3.3	-4.2	-9.8	-14.4
Z	-999.0	25.8	27.3	27.3	26.0	23.9