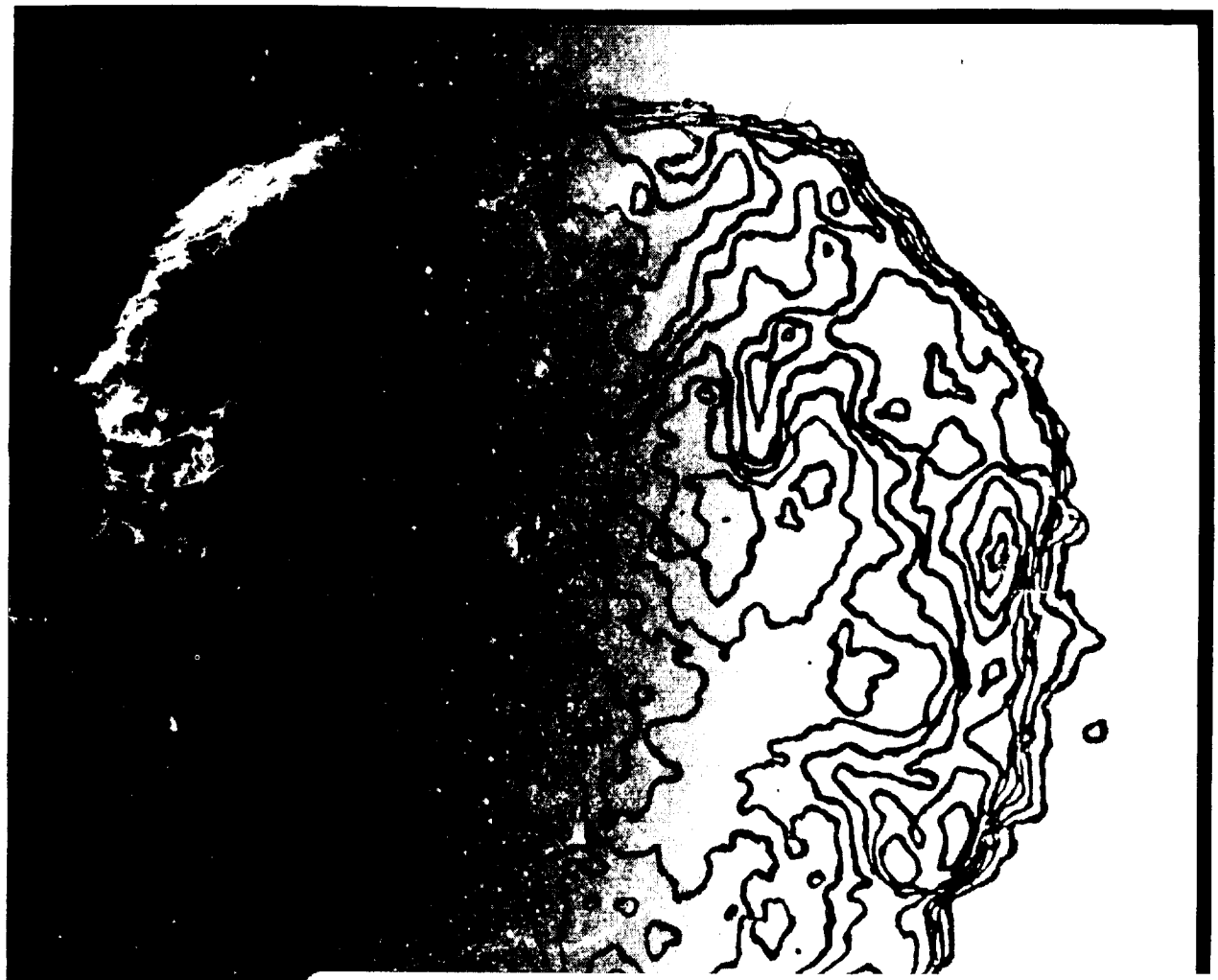
THE EINSTEIN OBSERVATORY CATALOG OF IPC X-RAY SOURCES



(NASA-TM-108401-Vol-4E) THE EINSTEIN OBSERVATORY CATALOG OF IPC X RAY SOURCES. VOLUME 4E: RIGHT ASCENSION RANGE 08h 00m TO 11h 59m (NASA) 537 p

N94-18612

Unclas

G3/90 0195931

SMITHSONIAN ASTROPHYSICAL OBSERVATORY

[Relevant section numbers of Volume 1 are given in square brackets.]

A) Sequence number of the observation. [5.0]

B) Right ascension (1950) of the field center.

C) First contour level (counts arcmin^{-2}) and peak value. Successive contours increase by factors of 2. Negative contours are dotted. [4.5]

D) Numbers of deep survey (DS) and bright Earth (BE) counts contained in the background map which has been subtracted from the data. [4.5]

E) "Road-map" grid defining detector coordinates. These are required for estimating intensity upper limits. They are not present for observations which include data with "unstable" pointings. [4.6]

F) Gray scale showing the relative exposure map (dominated by vignetting and the rib support shadows). [4.3]

G) Intensity map, with detected sources indicated by field number and a cross (also listed in the table below the map). The map has had the background subtracted and has been corrected for vignetting. [4.1, 4.2] The coordinates of the map are R.A. and decl. (1950).

H) Observation title from "Yellow Book" (Seward and Martenis 1986).

I) Position of the field center in celestial (B1950 and J2000) and Galactic coordinates. [3.1]

J) Other field data: start and stop dates [3.2]; live time [3.3]; roll angle of detector (clockwise from north; for zero degrees roll, detector letters are along the bottom of the road map) [3.4]; and the column density of neutral hydrogen in our Galaxy [3.5].

K) Ref/ID flag: a nonblank entry indicates that a paper has been published on this field or on a source in the field. [3.6; Appendix I]

L) Field flag [3.7]:

B: Background map suspect; may affect MDETECT

C: Combined fields: a merged map exists [Appendix J]

D: Deletion of one or more detections judged to be spurious [Appendix F]

G: Ghost image probably present

L: LDETECT only (MDETECT not run)

P: Particle-event contamination possible in background

S: Source has been missed by the detect algorithms [Appendix G]

T: Time correction redone to rectify erroneous dead-time calculation

M) Catalog number and field number for the sources. An "L" following the field number indicates that the source was found by LDETECT only. [5.1, 5.2]

N) Corrected count rate, as measured in a 2′.4 box [5.4]. A preceding "*" warns that the intensity may be underestimated [5.8].

O) Cell counts and the signal to noise ratio of the detection. [5.5, 5.6]

P) SIZCOR, an intensity correction factor useful in estimating the intensity of extended sources, is the ratio of counts within the 3 σ (lowest) contour to the net cell counts (corrected for the point response function) [5.7]. RECO, the "rib and edge code," when nonzero, indicates that intensity measurements may be underestimated [5.8]. R' is the distance from the source to the field center in arcminutes.

Q) Source flag [5.10]:

A: Additional detection(s) occurred in other field(s). [Appendix H]

a: Probably should be paired with another detection, but separation exceeded cutoff and thus not assigned an "A" flag.

E: Intensity corrected for source near the exposure cutoff at the field edge.

H: A hardness ratio is available [Appendix D]

I: Source detected by LDETECT near field edge. Intensity adjusted to remove redundant exposure correction.

R) Ref/ID flag; see (K) above. [5.11]

S) Volume number and page number

THE EINSTEIN OBSERVATORY CATALOG OF IPC X-RAY SOURCES

The *Einstein* Catalog Committee

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Volume 4

$08^h\ 00^m$ to $11^h\ 59^m$

1990

The graphic inset on the cover was designed by Elizabeth Bohlen. The X-ray contours of the Cygnus Loop were generated by F. Seward from a montage of several IPC observations. The optical photograph is from the Palomar Sky Atlas; ©1960 The National Geographic Society – Palomar Sky Survey. Reproduced by permission of the California Institute of Technology.

The first volume of this seven-volume catalog contains complete documentation for the material that follows. Volumes 2–7 contain the Einstein imaging proportional counter (IPC) observations, ordered by right ascension with 4 hours per volume. Here we provide a short guide to the catalog pages, but the user is referred to Volume 1 for the details of this catalog.

1 The Contour Map

The map is constructed from the BROAD energy band (0.16–3.5 keV), smoothed with a Gaussian of FWHM=75″. The data have had background subtracted and vignetting corrections applied. X-ray brightness units are counts arcmin^{-2}, with contour levels increasing by factors of 2. Dashed contours indicate negative levels (with the same values as the positive contours). The lowest positive contour level is 3 σ above the background at the field center; this level and the peak brightness level in the map are given in the lower left-hand corner.

Sources satisfying the catalog selection criteria (cf. § 2 of Vol. 1) are indicated by crosses, with their field numbers adjoining the cross. The gray scale shows the relative exposure, ranging from 1.0 at the field center (white) to zero under the rib shadows. Although it is difficult for the eye to differentiate between zero and the normal values in the field corners (about 0.25), we have chosen this low-contrast gray scale so that the contours will still dominate the visual impression. The exposure map is zeroed at any location where the effective exposure is < 300 s or <25% of the value at the field center.

For observations with "stable" pointings, a "road-map" index surrounds the map. This grid of characters defines detector coordinates, and may be used with the tables in Appendix B (Vol. 1) to estimate upper limits for X-ray intensities at arbitrary locations within the field.

In the lower right-hand corner we give the counts in the background maps which were subtracted from the image prior to smoothing the data. "DS BKG CNTS" gives the total counts in the scaled version of the standard background map made from a superposition of deep survey fields. "BE BKG CNTS" specifies the contribution (positive or negative) to the background map from the standard "bright Earth" background.

2 Field Description

Beneath the contour diagram are parameters pertaining to the observation. The observation title was taken from the "Yellow Book" (Seward and Martenis, 1986), which is known to contain a few misnamed sequences. Titles preceded by "(?)" appear in Table 3.0 (cf. § 3.0 of Vol. 1), which lists possibly misleading titles. The coordinates of the field center are given for two epochs, B1950 and J2000, as well as in Galactic coordinates. The date entry gives the start day and stop day of the observation in yyyy/ddd format. The "live time" is the data-acquisition time corrected for telemetry dead-time effects. The roll angle is given for observations with stable pointings, and is the angle which specifies the orientation of the detector on the sky, with positive values indicating clockwise rotation when looking at the sky, starting from north as zero degrees. For a roll angle of zero, the "narrowest edge area" (i.e., outside the shadow of the entrance window support "ribs"; cf. Vol. 1) lies horizontally along the top of the map; the numbered detector coordinate scale runs down the left side; and the lettered scale is on the bottom, running from left to right.

The column density of neutral hydrogen in our Galaxy for the pointing direction, given as the "N_H" parameter, has been integrated from radio observations of the HI line. The "Ref/ID" flag, if present, alerts the reader that Appendix I of Volume 1 contains an entry referring to a publication dealing with this observation. The field flag is used to describe certain conditions which are listed at the end of this introduction.

3 The Source Table

Whenever sources have been detected (at signal-to-noise ratios $\geq$ 3.5, in the BROAD energy band), a source table is present below the field description. The catalog number identifies unique sources in this catalog. The field number should be considered an "internal" catalog parameter to be used to facilitate the correlation of contour map features with their entries in the source table and to locate source information in the appendices. "External" references to sources should use the IAU conventions or the catalog number, both preceded by "2E," which is the adopted prefix for this catalog (see Vol. 1, §1.5).

The count rate (with its 1 σ uncertainty) refers to that measured in the standard detect cell (2.'4 on a side) and has been corrected for telescope vignetting as well as for the standard scattering correction. The net and background counts also refer to the standard detect cell and are provided to assist users in evaluating source reliability. The signal-to-noise ratio of the detection is also given.

The size correction ("SIZCOR") is a multiplicative factor useful in estimating the intensity of sources which are much more extended than the resolution of the maps (approximately 2′ FWHM). RECO is the "rib and edge code" and, when nonzero, alerts the user to the condition that the source intensity measurement may be affected by shadowing of the window support structure (ribs) or proximity to a detector edge. The distance of the source from the field center is given in arcminutes by R'.

The source flag is a one letter indicator denoting certain conditions described below, and the "ID" flag, when present, indicates that references to published papers concerning the source can be found by consulting Appendix I (Vol. 1).

4 Meaning of the Flags

Complete descriptions of the purpose and meaning of the various flags is given in Volume 1; here we give only a brief summary.

Ref/ID FLAGS

AGN	Active galactic nucleus
BL	BL Lac object
CLG	Cluster of galaxies or group of galaxies
CV	Cataclysmic variable
G	Galaxy
GLB	Globular cluster
P	Pulsar
Q	Quasar
RS	Radio source (optical type not specified)
S	Star
SNR	Supernova remnant
SY	Seyfert galaxy
*	Unspecified type: indicates separation $< 100''$
†	Unspecified type: indicates separations between $100''$ and $150''$
!	Unspecified type of (undetected) source(s) in the field

FIELD FLAGS

- B — Background is suspect; not a reference to further information. For a very few sequences, the MDETECT background map seemed unsuccessful in representing the true background. In these rare cases, the reliability of MDETECT sources (and the values of SIZCOR) may have been affected.
- C — Combined to form merged field. The current observation has been merged with one or more additional pointings to produce a combined map with a "new" sequence number. Results of the merged analyses appear in Appendix J, but in order to preserve statistical independence they were not included in the IPC source list (Vol. 1).
- D — Deleted detections. One or more detections have been deleted from this field and are listed in Appendix F of Volume 1. Such detections (primarily within extended emission regions such as supernova remnants and clusters) were deleted from the catalog because they were judged to be spurious.

- G — Ghost image (probably) present. See Appendix A of Volume **1** for a description of this effect due to bright sources just outside the IPC field of view.
- L — LDETECT only; not a reference to further information. Reasons for not running the MDETECT detection algorithm are discussed in Appendix A of Volume **1**.
- P — Particle-event contamination of the background.
- S — Sources missed. One or more known sources in this field were missed by the detection algorithms. A list of such sources appears in Appendix G of Volume **1**.
- T — Time correction made. The dead-time correction used in Rev1B was in error by 3% or more (occurred for 84 IPC sequences); this sequence has been reprocessed to obtain the proper live time.

SOURCE FLAGS

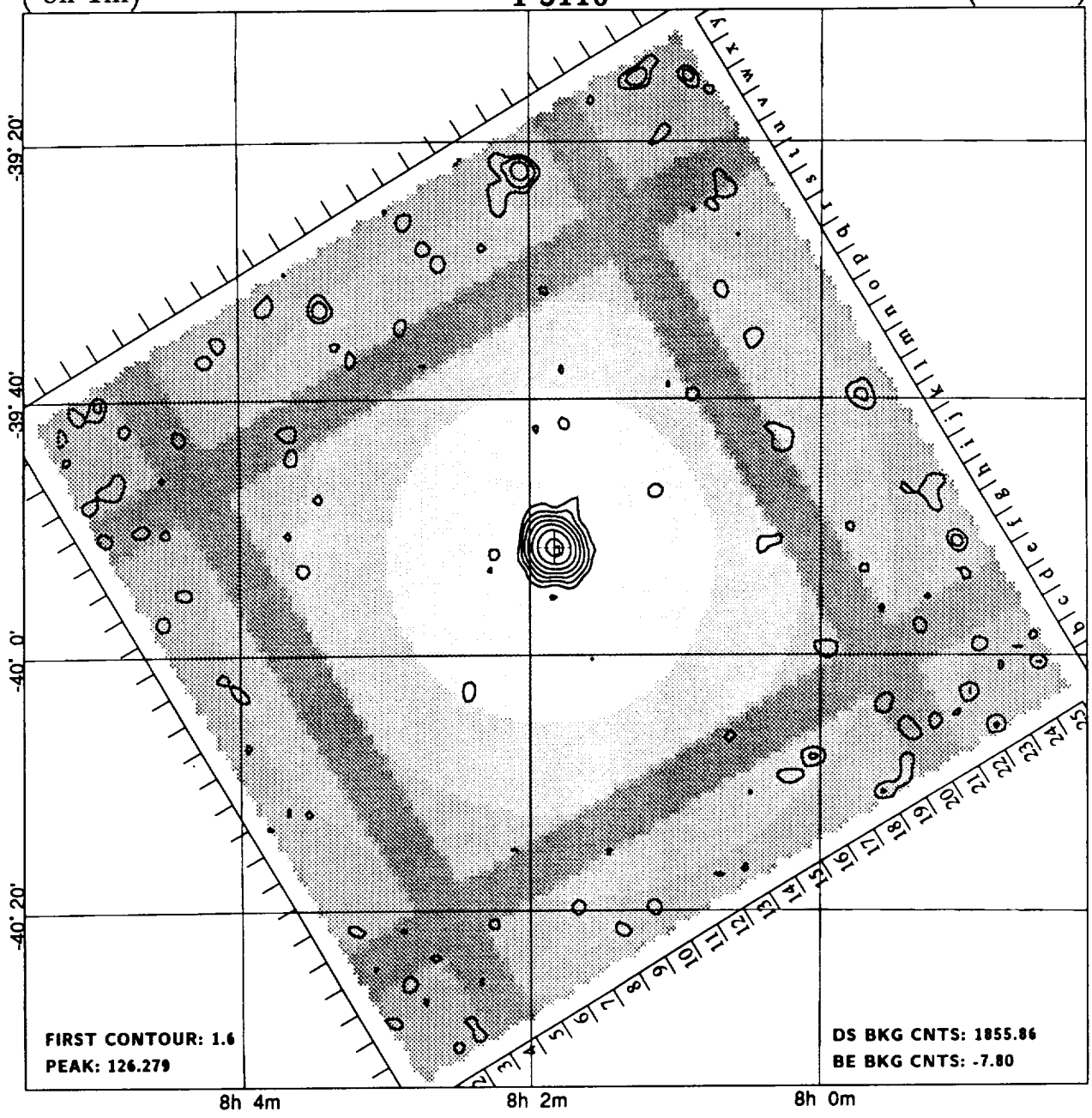
A: Additional detection(s) occurred in other field(s).

a: Probably should be paired with another detection, but separation exceeded cutoff; thus not assigned an "A" flag.

E: Intensity corrected for source near the exposure cutoff at the field edge.

H: A hardness ratio is available (cf. Appendix D of Vol. 1).

I: Source detected by LDETECT near field edge. Intensity adjusted to remove redundant exposure correction.



ZETA PUPPIS

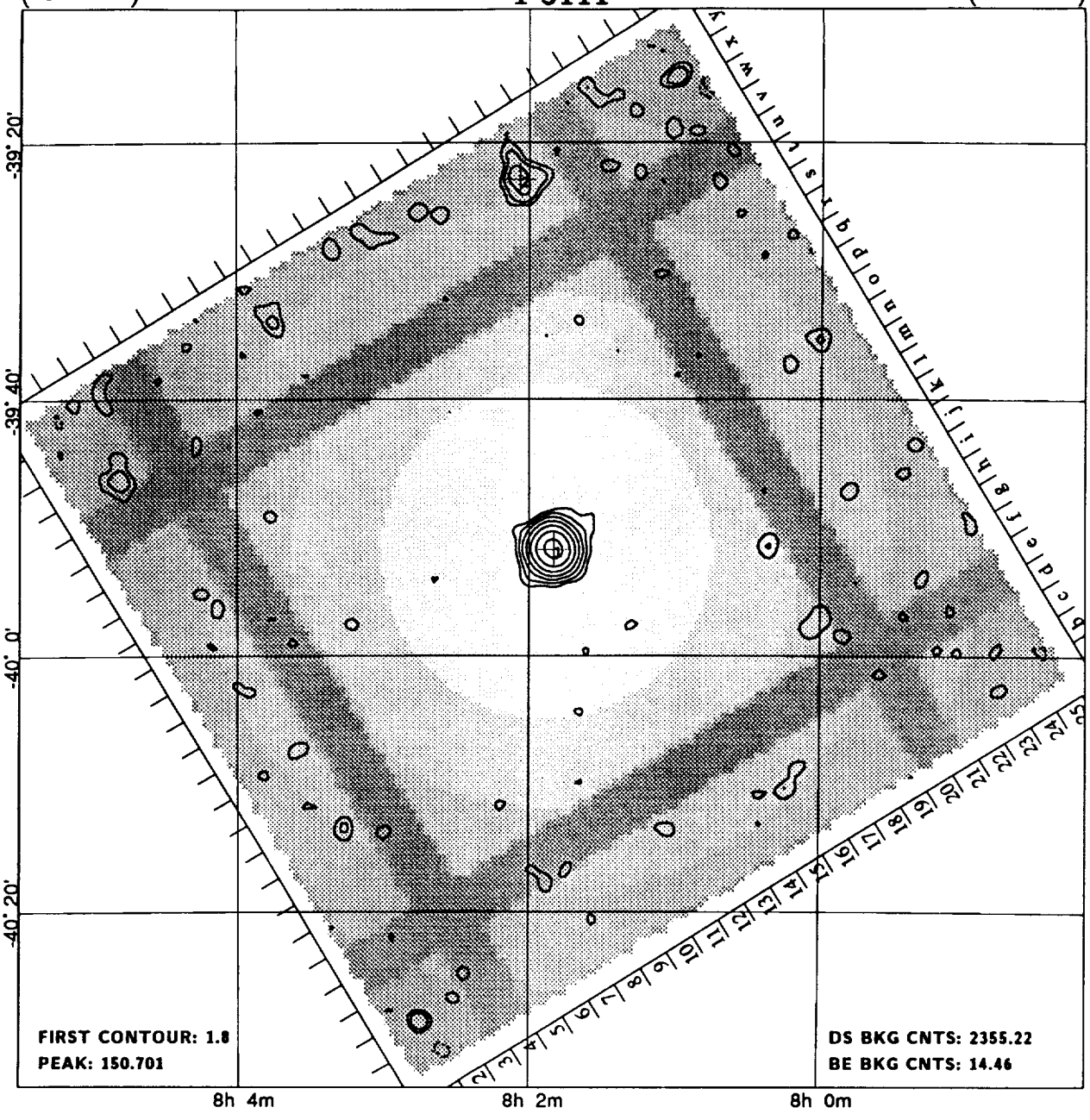
FIELD CENTER: $08^h01^m50.0^s$ $-39°51'40''$ (B1950)
$08^h03^m35.6^s$ $-40°00'12''$ (J2000)
ℓ: 255.98 b: -4.70

DATE: 1979/324 - 1979/324
LIVETIME: 1503.9s
ROLL ANGLE: -121.0°

NH: 5.8E+21
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1910	1	08 01 49.8	-39 51 39	31	0.501	0.021	560.4	4.6	23.6	1.2	0	0.2	AH	S

(8h 1m) I 5111 (8h 1m)



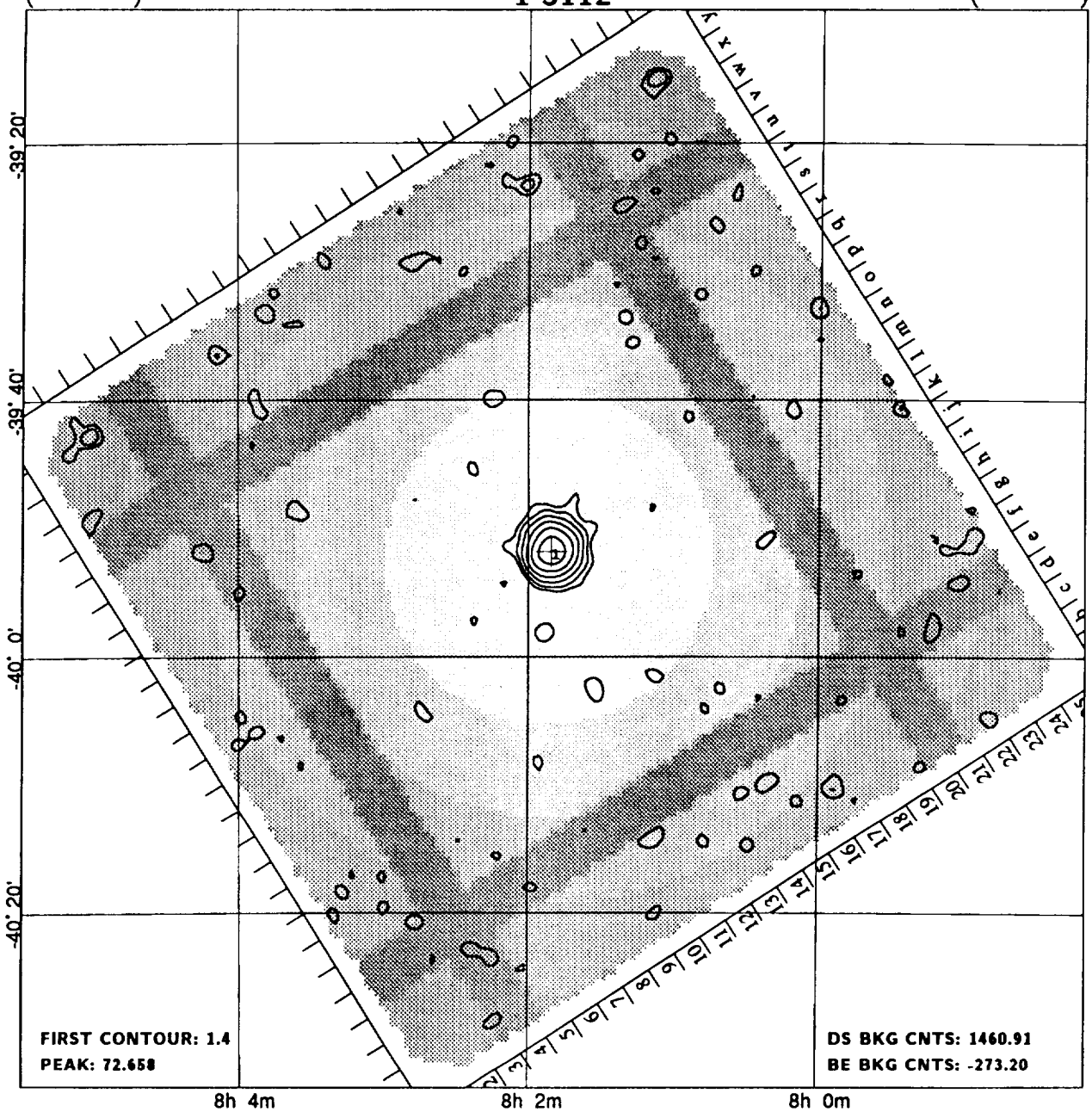
ZETA PUPPIS

FIELD CENTER: $08^h01^m50.0^s$ $-39°51'40''$ (B1950)
$08^h03^m35.6^s$ $-40°00'12''$ (J2000)
ℓ: 255.98 b: -4.70

DATE: 1979/325 - 1979/325
LIVETIME: 1908.5s
ROLL ANGLE: -121.4°

NH: 5.8E+21
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1910	1	08 01 49.7	-39 51 42	31	0.467	0.018	664.3	5.7	25.7	1.2	0	0.2	AH	S
1912	2	08 02 03.9	-39 22 51	52	0.0294	0.0072	20.5	4.5	4.1	1.4	0	28.8	H	



ZETA PUPPIS

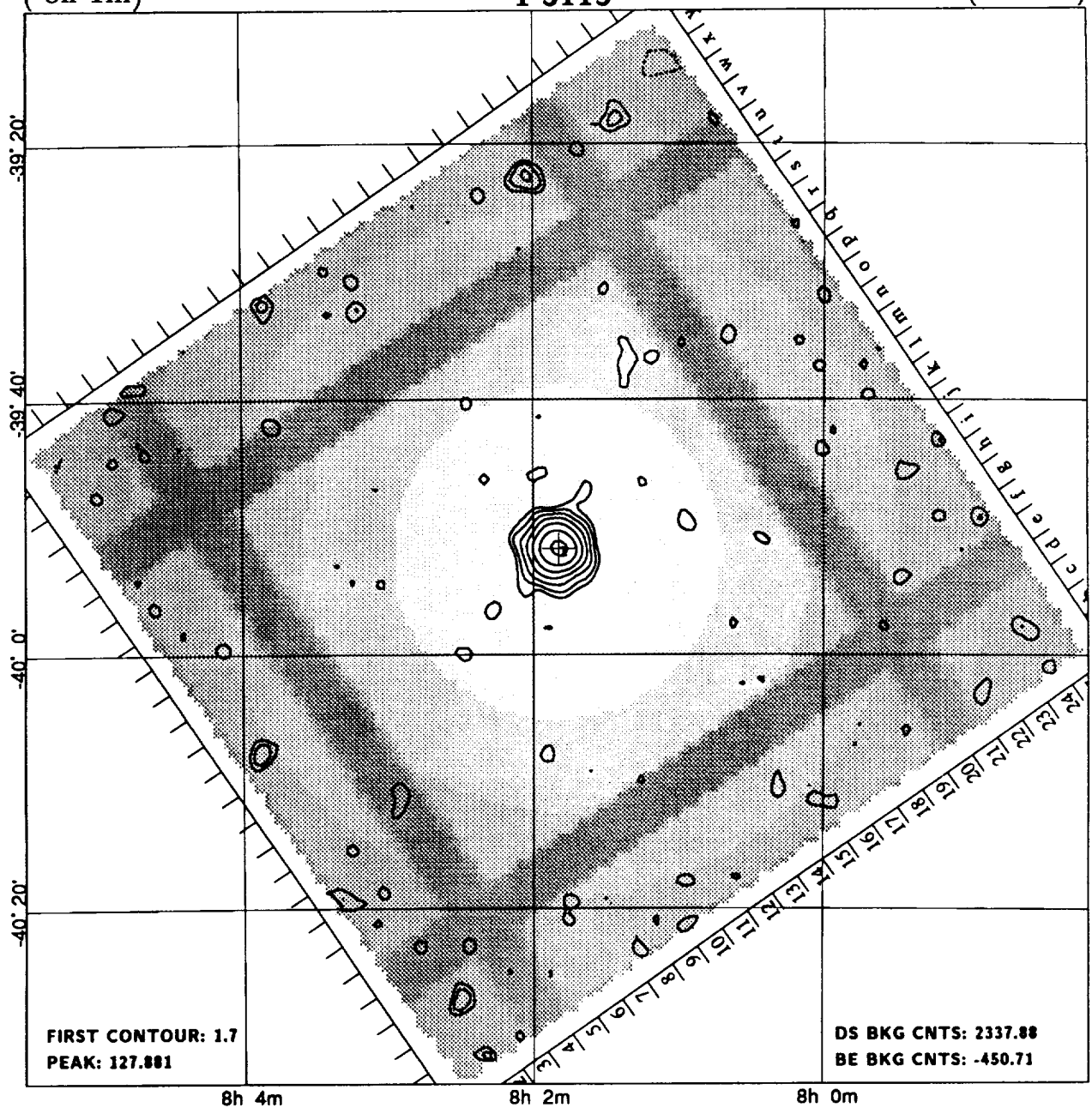
FIELD CENTER: $08^h01^m50.0^s$ -39°51′40″ (B1950)
$08^h03^m35.6^s$ -40°00′12″ (J2000)
ℓ: 255.98 b: -4.70

DATE: 1979/326 - 1979/326
LIVETIME: 1183.8s
ROLL ANGLE: -122.5°

NH: 5.8E+21
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1910	1	08 01 50.5	-39 51 51	31	0.379	0.021	334.3	2.7	18.2	1.4	0	0.2	AH	S

(8h 1m) **I 5113** (8h 1m)



ZETA PUPPIS

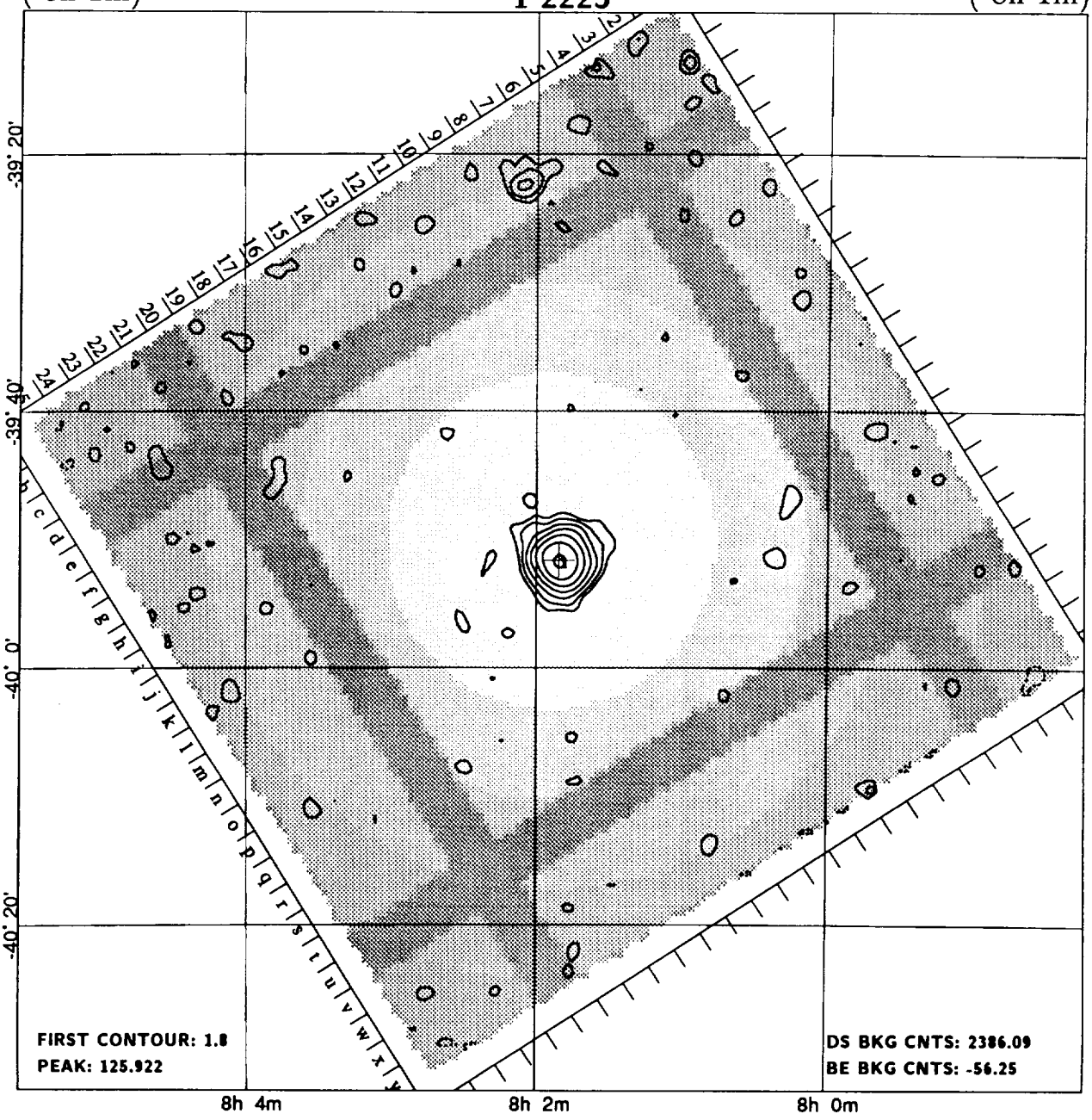
FIELD CENTER: $08^h01^m50.0^s$ $-39°51'40''$ (B1950)
$08^h03^m35.6^s$ $-40°00'12''$ (J2000)
ℓ: 255.98 b: -4.70

DATE: 1979/328 - 1979/328
LIVETIME: 1894.5s
ROLL ANGLE: -124.5°

NH: 5.8E+21
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1910	1	08 01 49.4	-39 51 43	31	0.415	0.017	585.7	4.3	24.1	1.5	0	0.2	AH	S

(8h 1m) **I 2223** (8h 1m)



STELLAR SURVEY-EARLY TYPE STARS: HD66811=ZETA PUP

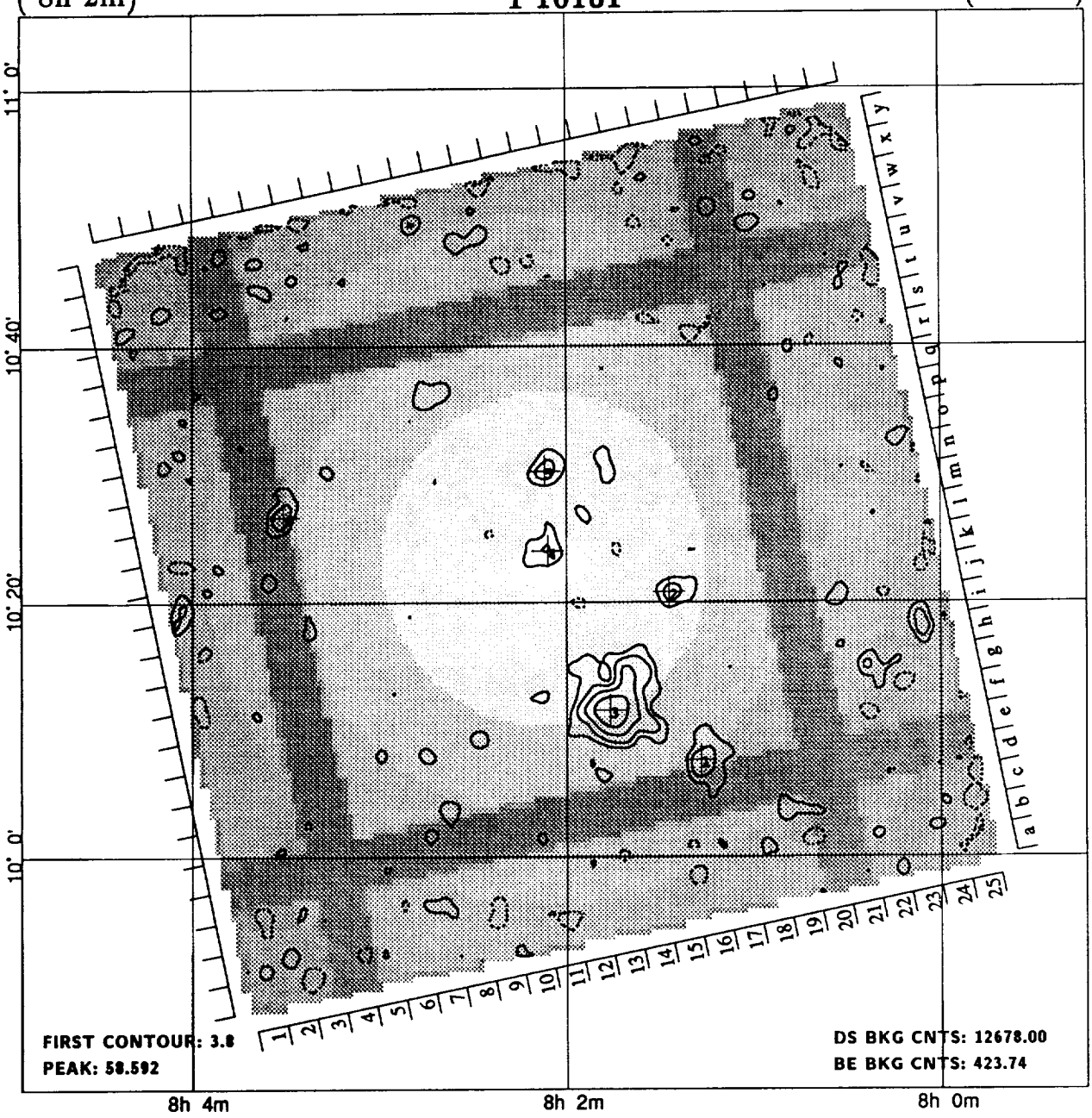
FIELD CENTER: $08^h01^m54.0^s$ $-39°50'59''$ (B1950)
$08^h03^m39.6^s$ $-39°59'31''$ (J2000)
ℓ: 255.97 b: -4.69

DATE: 1979/140 - 1979/140
LIVETIME: 1933.5s
ROLL ANGLE: 57.6°

NH: 5.8E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1910	1	08 01 50.7	-39 51 38	31	0.417	0.017	597.4	5.6	24.3	1.5	0	0.9	AH	S

(8h 2m) **I 10181** (8h 2m)



3CR 191

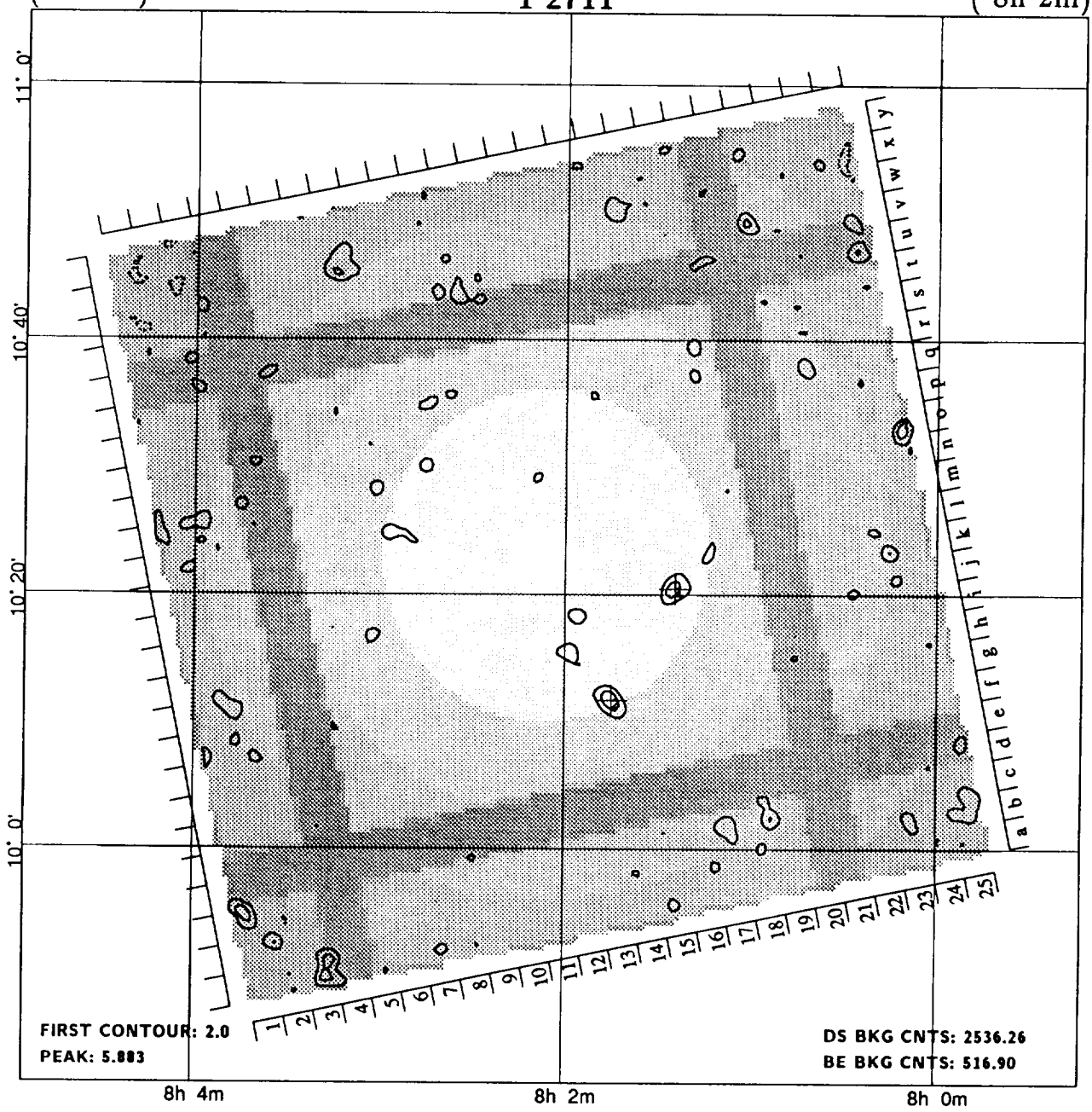
FIELD CENTER: $08^h02^m03.8^s$ 10°23'55" (B1950)
$08^h04^m48.0^s$ 10°15'21" (J2000)
ℓ: 211.87 b: 20.90

DATE: 1980/296 - 1980/296
LIVETIME: 10273.3s
ROLL ANGLE: -101.6°

NH: 2.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1906	1	08 01 16.8	10 07 38	51	*0.0070	0.0014	37.0	19.0	4.9	1.3	804	20.1	H	
1907	2	08 01 27.0	10 20 48	42	0.0051	0.0012	34.8	29.2	4.3	0.8	0	9.7	AH	
1909	3	08 01 46.0	10 11 31	38	0.0361	0.0025	232.6	27.4	14.4	2.0	0	13.1	AH	
1913	4	08 02 06.1	10 24 02	37	0.0040	0.0010	30.4	30.6	3.9	0.9	0	0.8	H	Q
1914	5	08 02 07.1	10 30 12	42	0.0051	0.0012	36.6	31.4	4.4	0.8	0	7.1	H	
1916	6	08 03 30.9	10 26 40	55	*0.0063	0.0014	32.0	15.0	4.7	0.9	804	21.2	H	

(8h 2m) I 2711 (8h 2m)



QUASAR SURVEY: 3C191

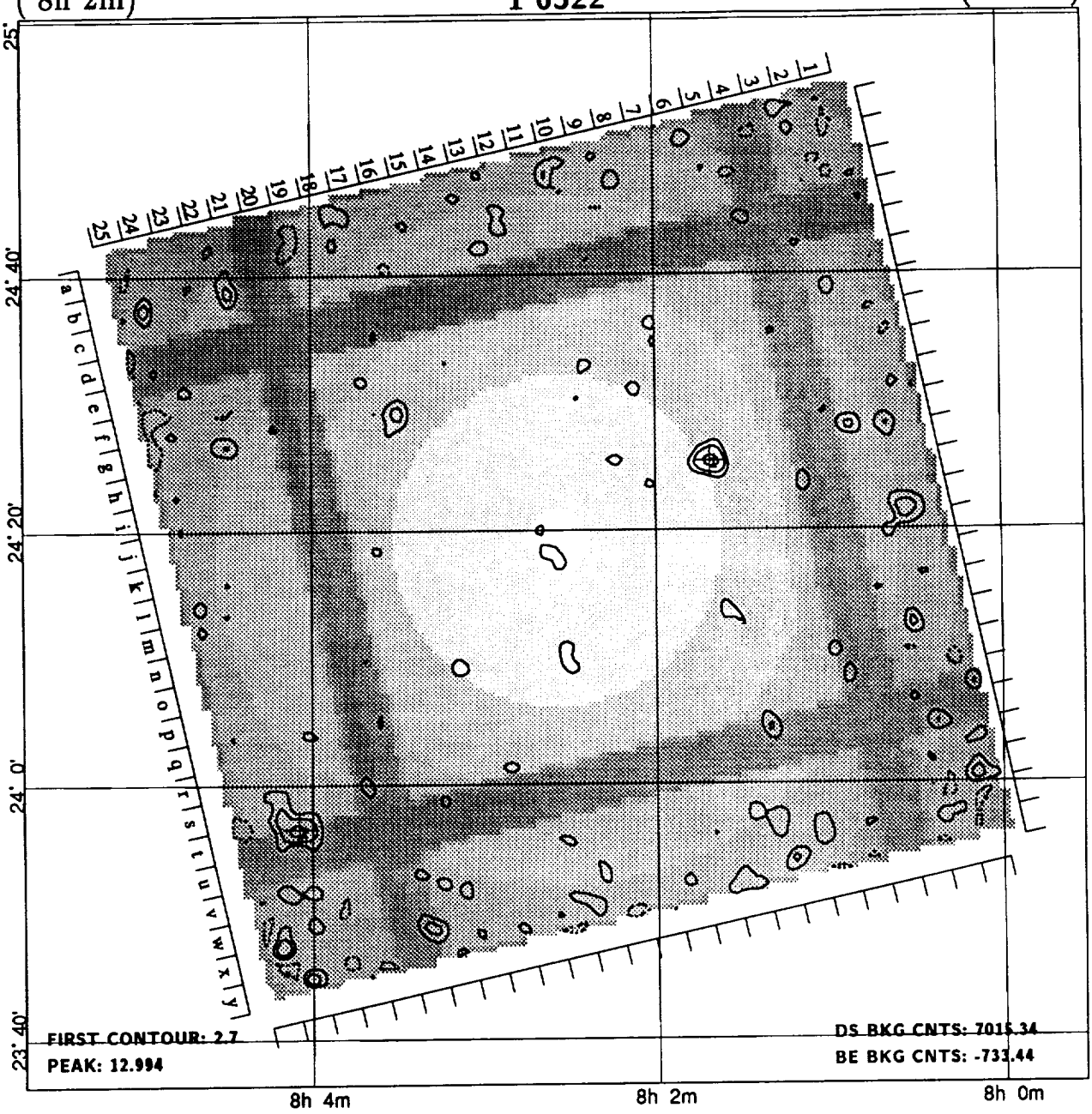
FIELD CENTER: $08^h02^m04.0^s$ $10°23'35''$ (B1950)
$08^h04^m48.2^s$ $10°15'01''$ (J2000)
ℓ: 211.88 b: 20.90

DATE: 1979/295 - 1979/295
LIVETIME: 2055.2s
ROLL ANGLE: -101.6°

NH: 2.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1907	1	08 01 24.3	10 20 28	44	0.0143	0.0038	19.3	6.7	3.8	0.7	0	10.2	AH	
1909	2	08 01 44.7	10 11 43	46	0.0145	0.0039	18.8	6.2	3.8	0.7	0	12.8	AH	

(8h 2m) **I 6322** (8h 2m)



3CR 192, 3CR RADIO GAL. W/SEYFERT-LIKE OPT. SPECTRA

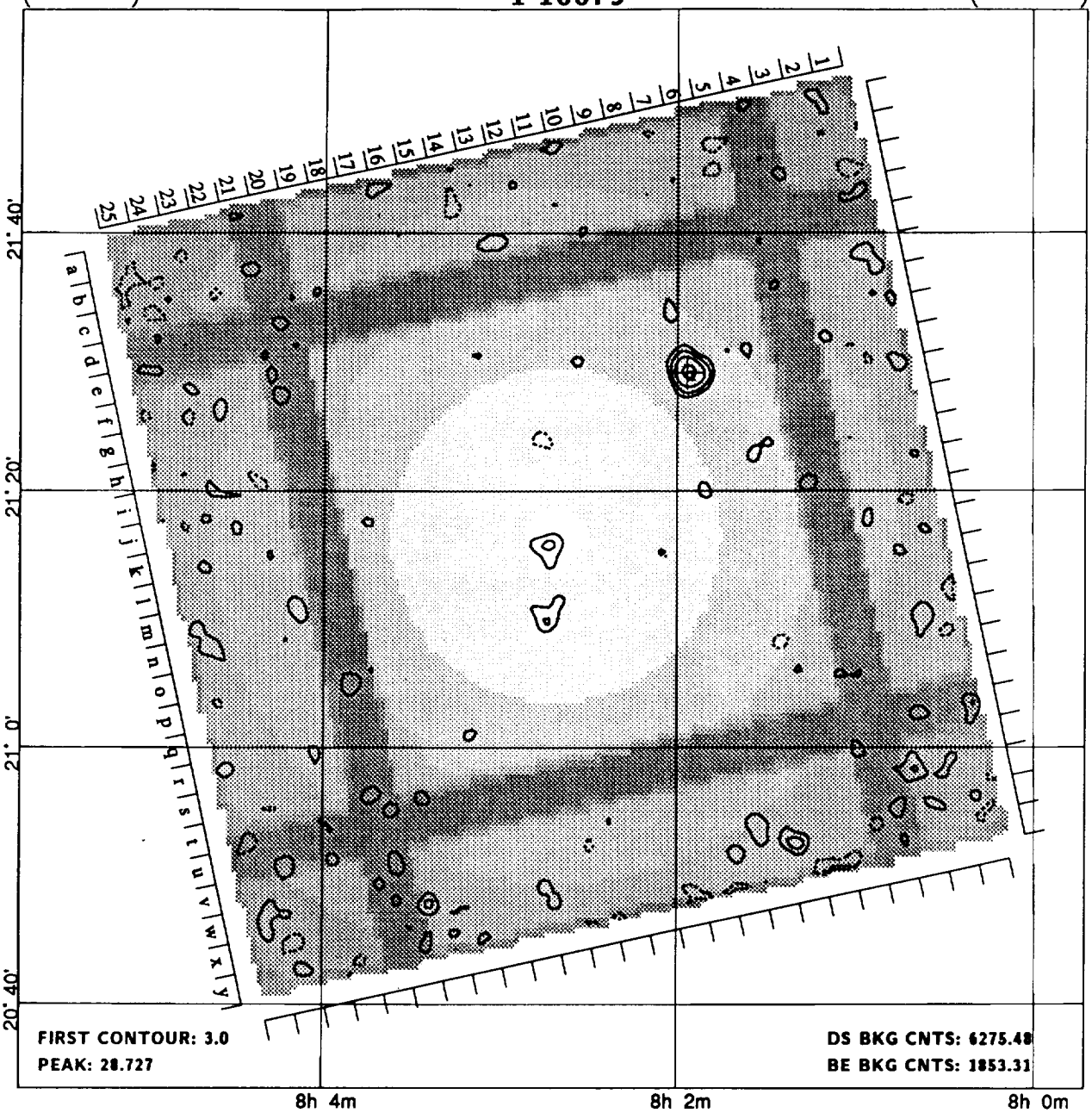
FIELD CENTER: $08^h02^m35.5^s$ $24°18'27''$ (B1950)
$08^h05^m35.0^s$ $24°09'51''$ (J2000)
ℓ: 197.92 b: 26.41

DATE: 1980/ 97 - 1980/ 97
LIVETIME: 5888.9s
ROLL ANGLE: 77.5°

NH: 4.3E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1908	1	08 01 41.1	24 25 22	41	0.0114	0.0020	41.1	12.9	5.6	0.8	0	13.9	H	
1918	2	08 04 04.7	23 56 32	55	*0.0098	0.0026	19.7	7.3	3.8	1.3	906	30.0	H	

(8h 2m) **I 10079** (8h 2m)



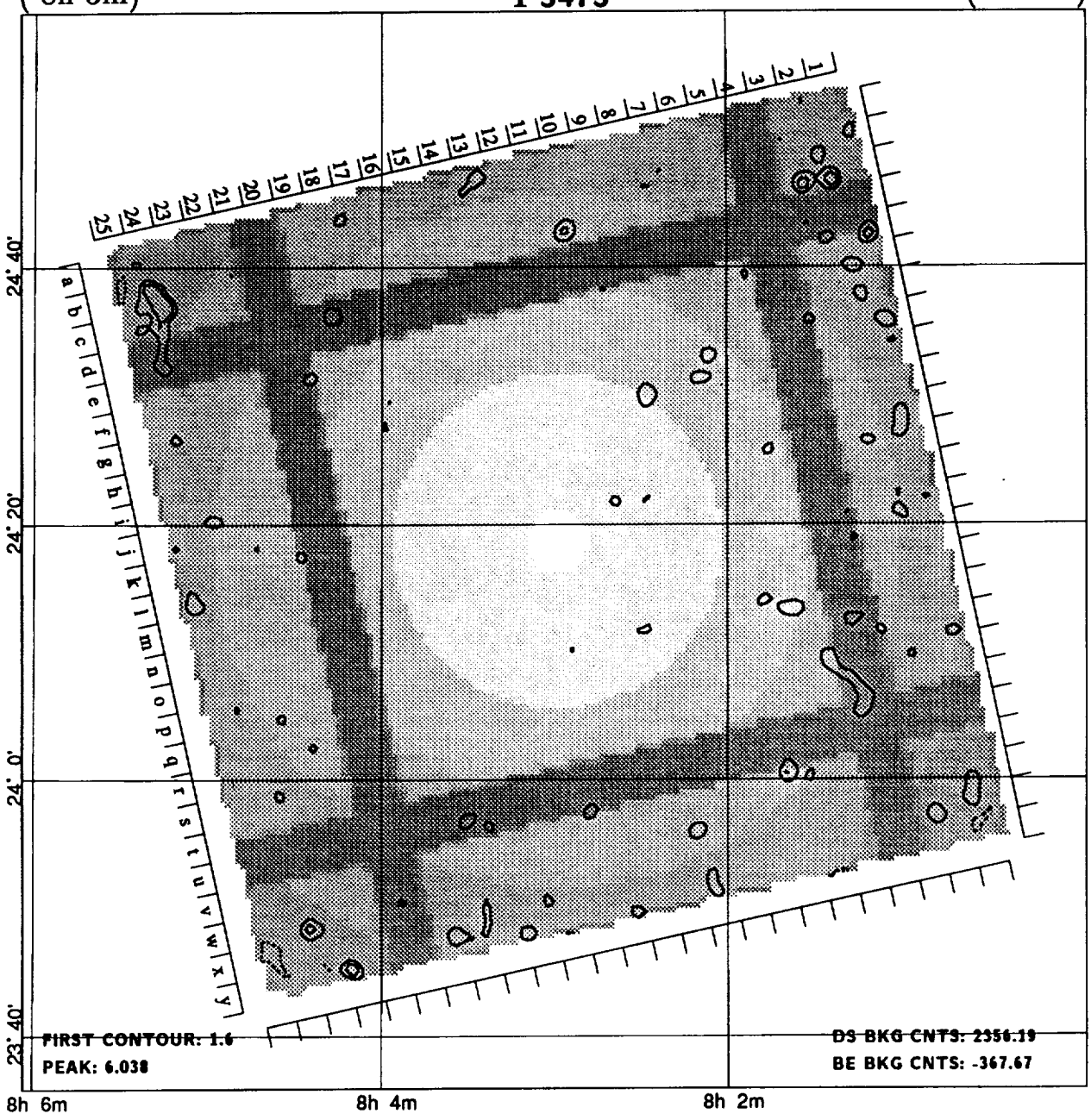
COMPACT EXTRAGALACTIC RADIO SOURCES: 0802+212

FIELD CENTER: $08^h02^m42.6^s$ $21°15'27''$ **(B1950)**
$08^h05^m38.5^s$ $21°06'51''$ **(J2000)**
ℓ: **201.10** b: **25.37**

DATE: 1981/ 83 - 1981/ 83
LIVETIME: 5085.2s
ROLL ANGLE: 77.8°

NH: 4.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1911	1	08 01 56.7	21 29 12	48	0.0293	0.0035	85.0	16.0	8.5	1.0	0	17.3	H	

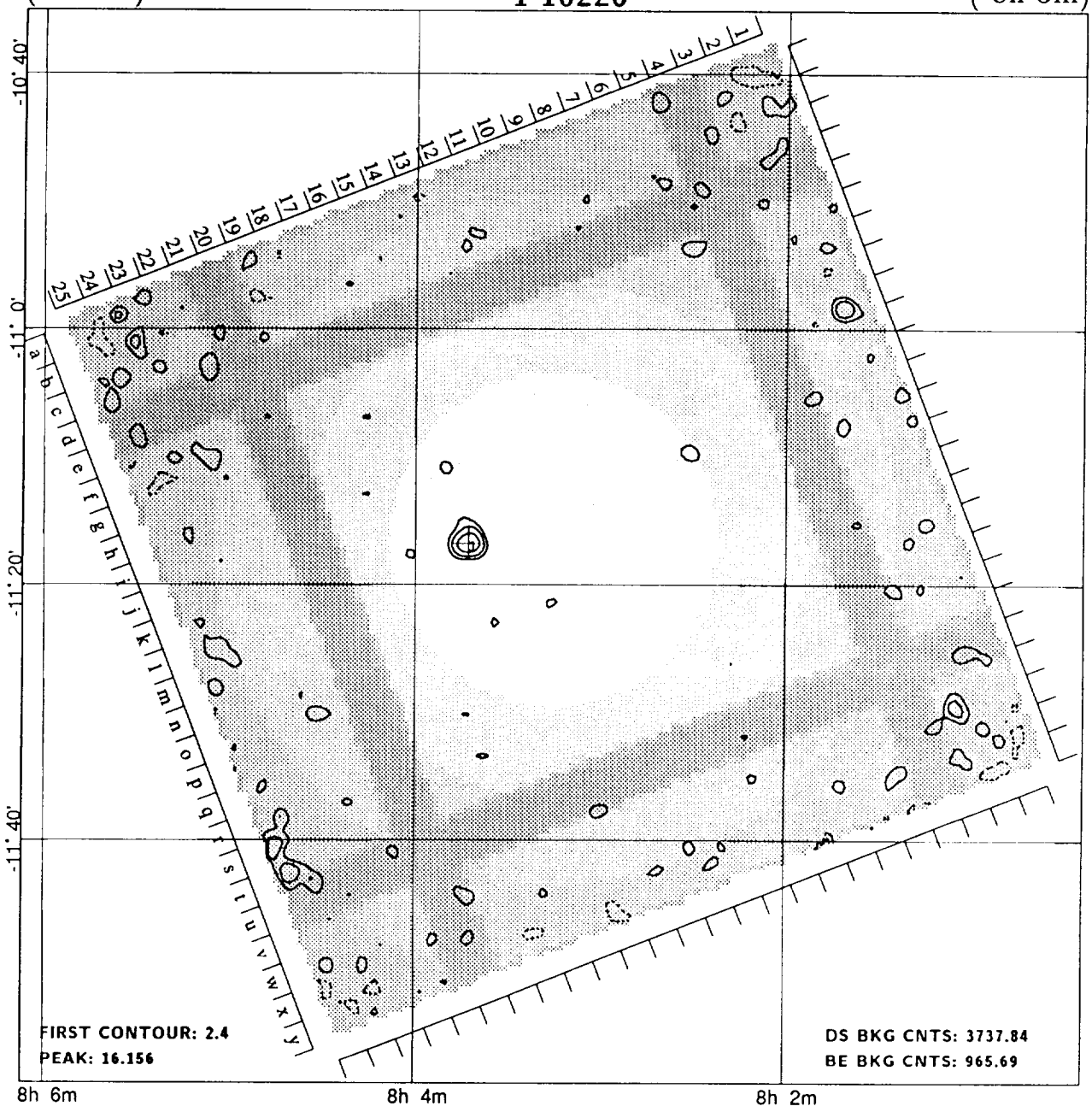


3C 192,BROAD AND NARROW-LINE RADIO GALAXIES

FIELD CENTER: $08^h03^m00.0^s$ 24°17'59" (B1950)
$08^h05^m59.5^s$ 24°09'21" (J2000)
ℓ: 197.96 b: 26.50

DATE: 1979/ 99 - 1979/ 99
LIVETIME: 1909.3s
ROLL ANGLE: 77.6°

NH: 4.3E+20
REF/ID:
FIELD FLAGS:



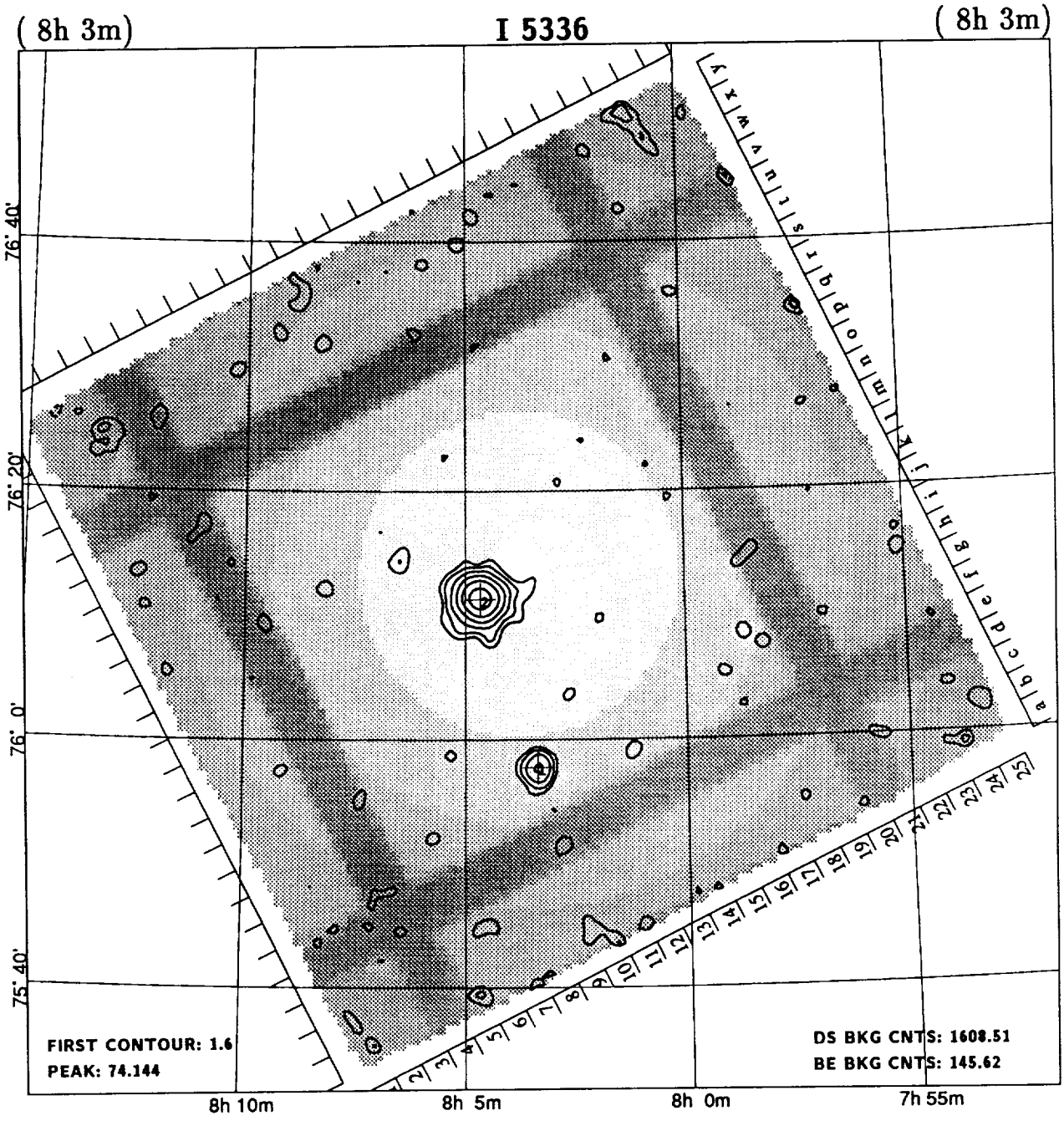
N 2525: ACTIVE NUCLEI OF BARRED SPIRALS

FIELD CENTER: $08^h03^m15.6^s$ $-11°17'05''$ (B1950)
$08^h05^m37.8^s$ $-11°25'43''$ (J2000)
ℓ: 231.85 b: 10.79

DATE: 1981/ 94 - 1981/ 95
LIVETIME: 3028.9s
ROLL ANGLE: 68.8°

NH: 9.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1917	1	08 03 42.7	-11 16 44	41	0.0257	0.0038	54.3	11.7	6.7	0.9	0	6.5	H	



SURVEY OF BRIGHT QUASARS (PG)

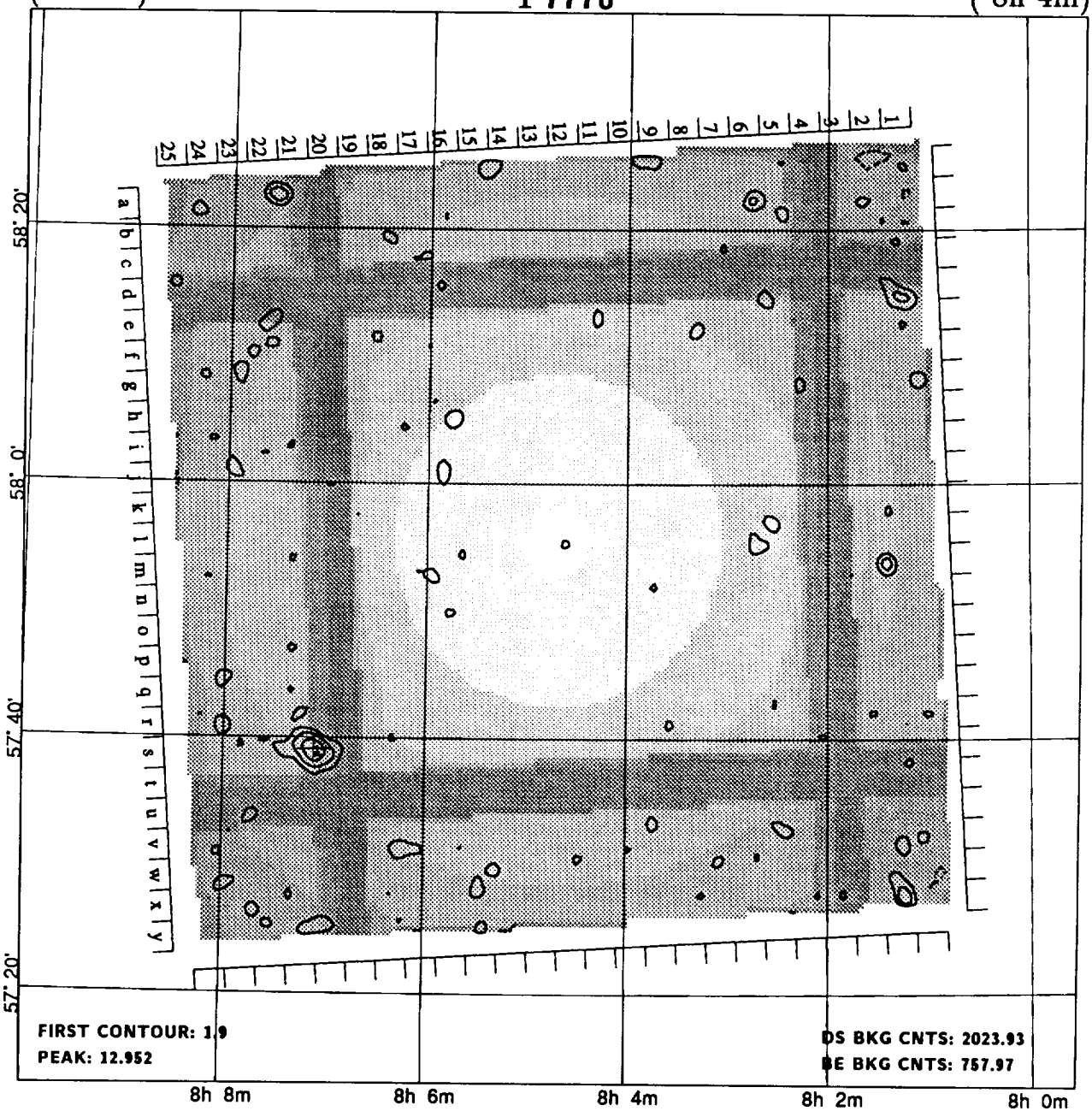
FIELD CENTER: $08^h03^m17.2^s$ $76°13'48''$ (B1950)
$08^h09^m41.7^s$ $76°05'03''$ (J2000)
ℓ: 138.25 b: 30.95

DATE: 1980/271 - 1980/271
LIVETIME: 1303.4s
ROLL ANGLE: -116.5°

NH: 3.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1915	1	08 03 22.2	75 57 45	50	0.0517	0.0086	39.4	3.6	6.0	0.9	0	16.1	H	
1919	2	08 04 39.7	76 11 17	38	0.326	0.019	308.2	4.8	17.4	1.4	0	5.5	H	Q

(8h 4m) **I 7778** (8h 4m)



VV 632,KNOTS IN IRREGULAR GALAXIES

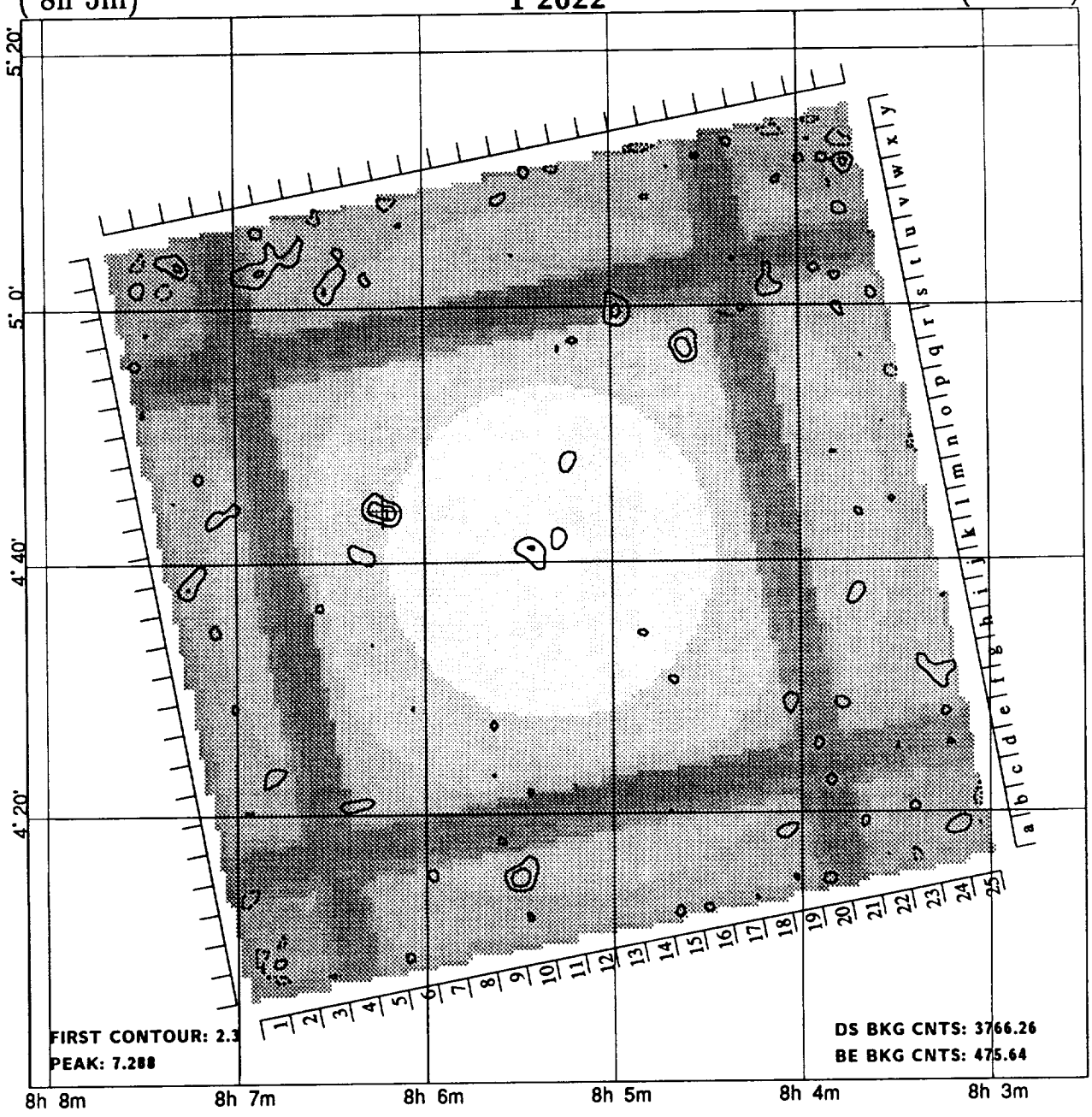
FIELD CENTER: $08^h04^m45.5^s$ $57°54'57''$ (B1950)
$08^h08^m49.6^s$ $57°46'11''$ (J2000)
ℓ: 159.75 b: 32.89

DATE: 1980/120 - 1980/120
LIVETIME: 1698.9s
ROLL ANGLE: 86.6°

NH: 4.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1929	1	08 07 06.3	57 39 06	51	*0.0384	0.0077	27.8	3.2	5.0	1.1	906	24.4	H	

(8h 5m) **I 2022** (8h 5m)



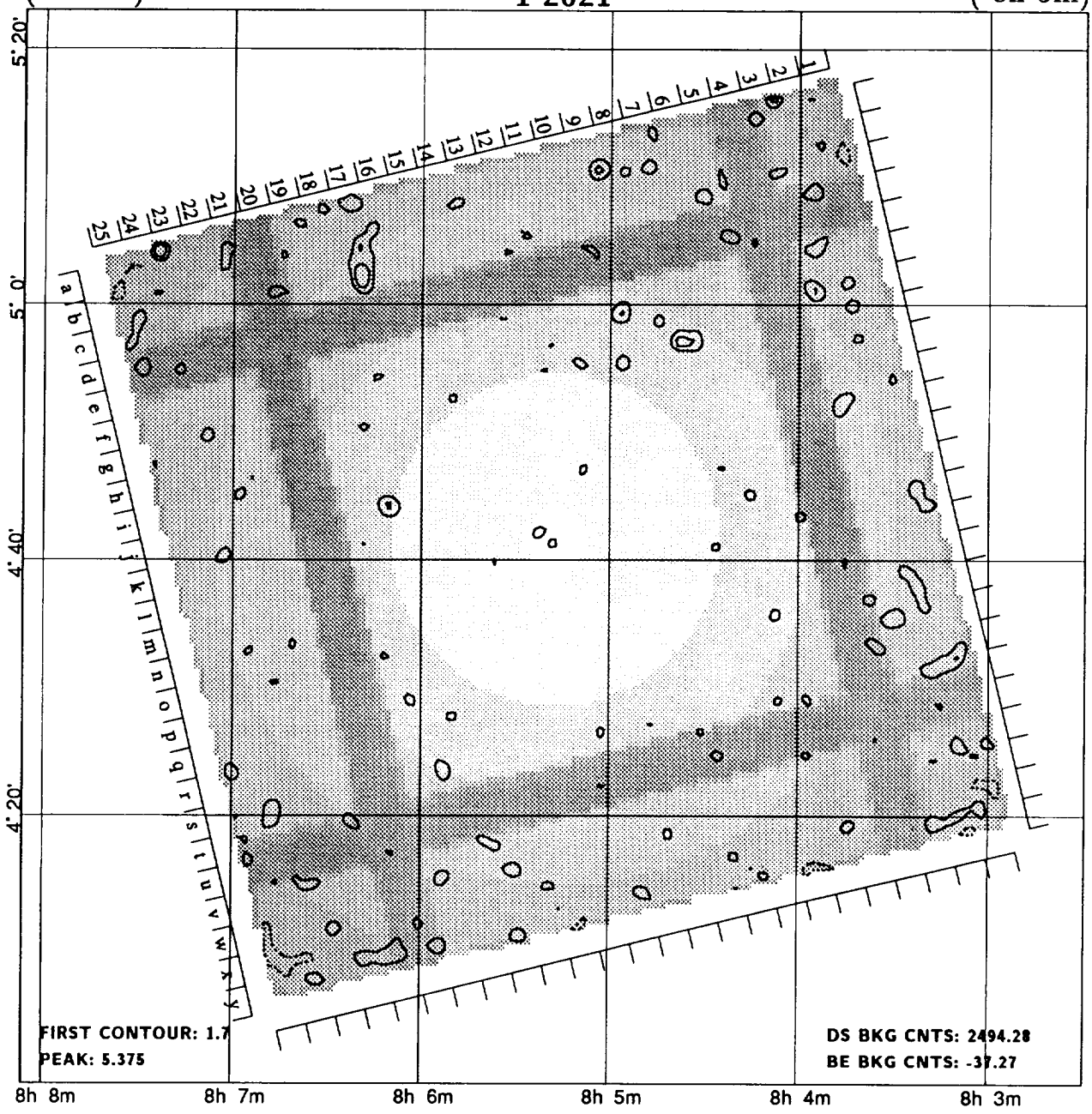
4C 05.34: STUDY, QUASARS

FIELD CENTER: $08^h05^m18.0^s$ $04°40'58''$ (B1950)
$08^h07^m56.3^s$ $04°32'12''$ (J2000)
ℓ: 217.70 b: 19.07

DATE: 1979/293 - 1979/293
LIVETIME: 3051.9s
ROLL ANGLE: -100.8°

NH: 3.5E+20
REF/ID: !
FIELD FLAGS:

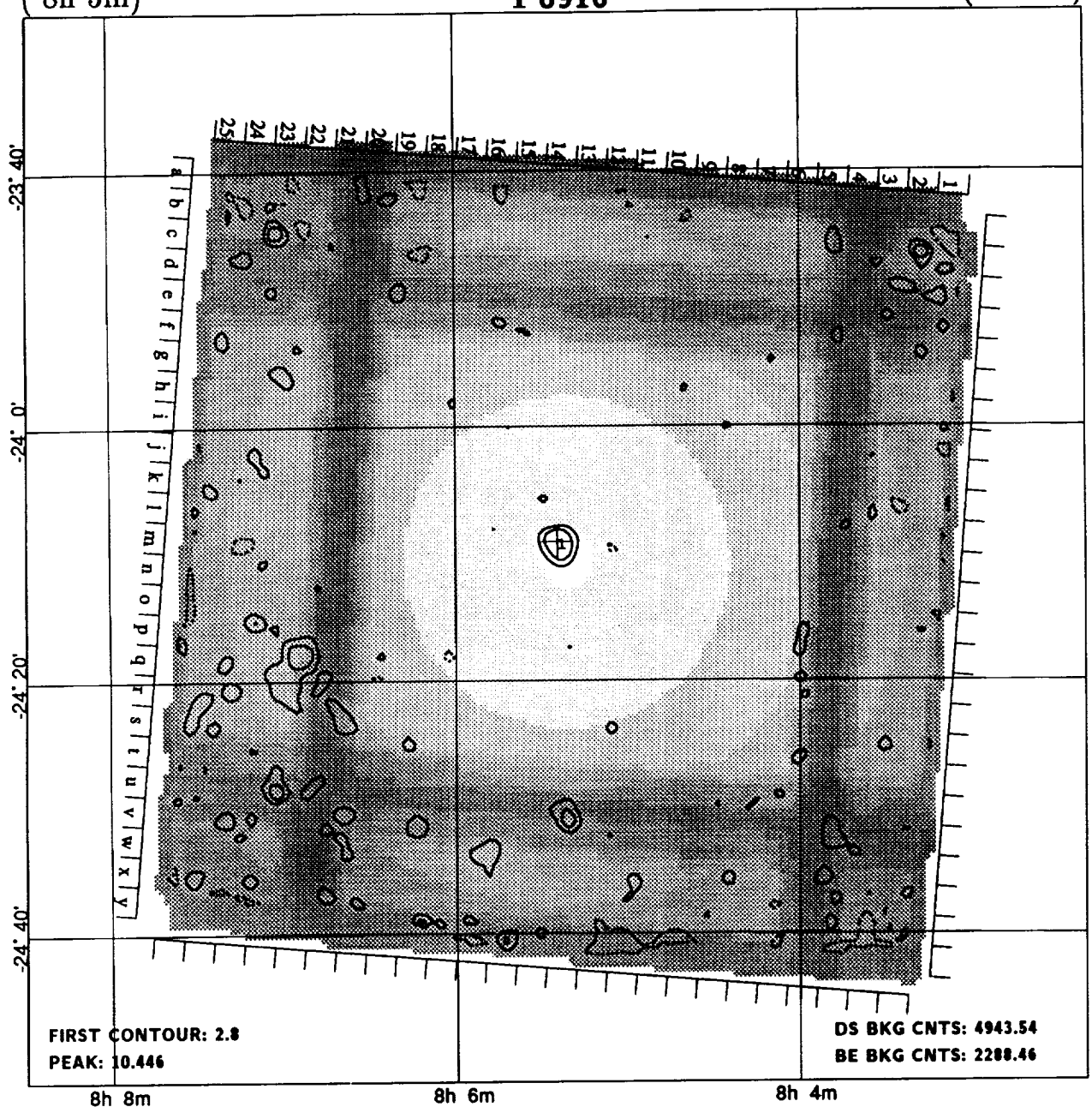
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1922	1	08 06 13.3	04 44 04	44	0.0122	0.0030	22.8	9.2	4.0	0.8	0	14.1	H	



4C 05.34: STUDY, QUASARS

FIELD CENTER:	$08^h05^m18.0^s$ 04°40′59″ (B1950)	**DATE:** 1979/117 - 1979/117	**NH:** 3.5E+20
	$08^h07^m56.3^s$ 04°32′14″ (J2000)	**LIVETIME:** 2021.2s	**REF/ID:** !
	ℓ: 217.70 b: 19.07	**ROLL ANGLE:** 76.3°	**FIELD FLAGS:**

(8h 5m) **I 8916** (8h 5m)



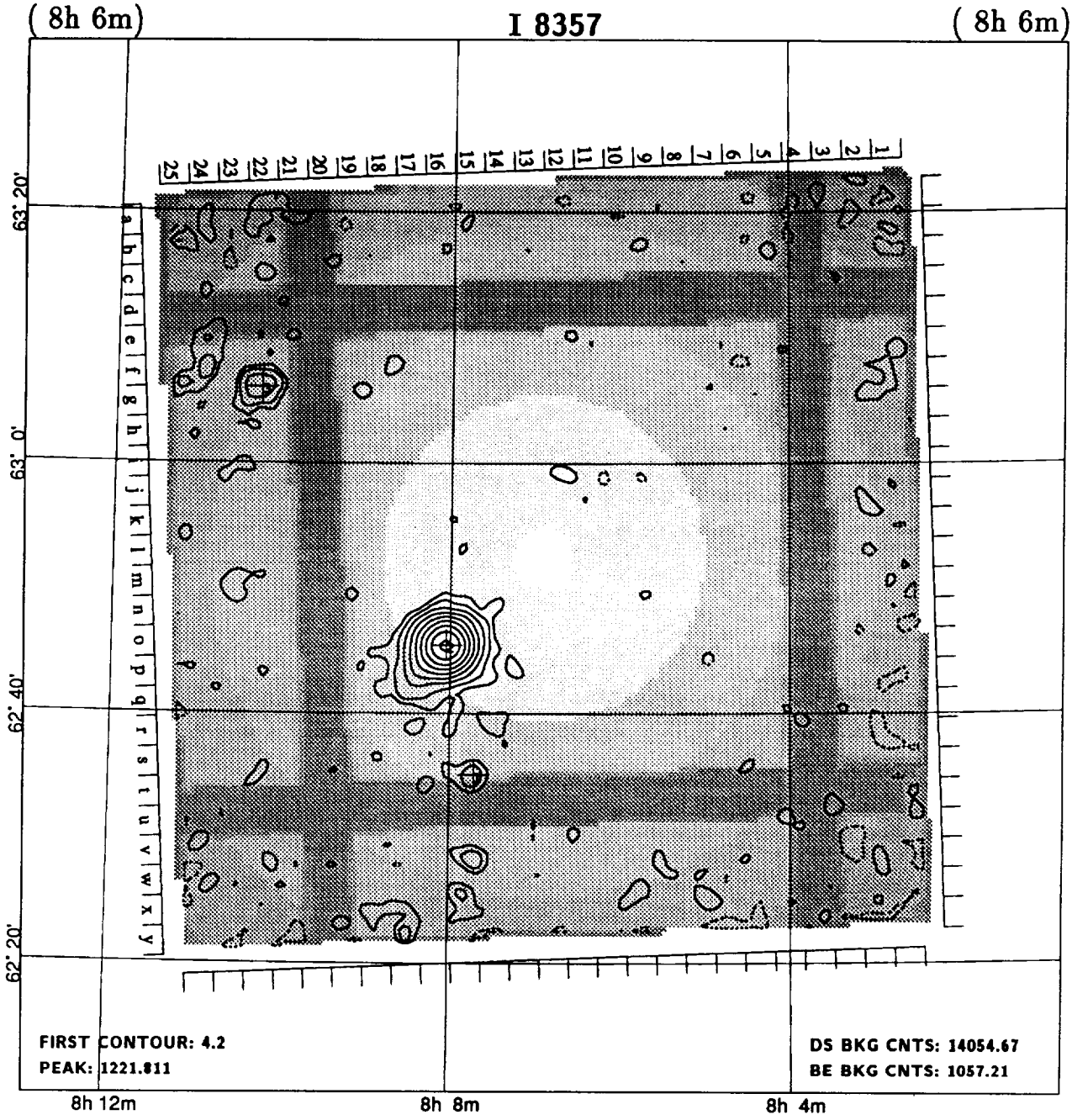
RHO PUP, EMISSION FROM DELTA SCUTI STARS

FIELD CENTER: $08^h05^m24.8^s$ $-24°09'31''$ (B1950)
$08^h07^m32.9^s$ $-24°18'17''$ (J2000)
ℓ: 243.15 b: 4.40

DATE: 1981/105 - 1981/105
LIVETIME: 4005.9s
ROLL ANGLE: 94.6°

NH: 2.2E+21
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1920	1L	08 05 24.4	-24 09 05	35	0.0122	0.0032	36.5	26.5	3.7	0.9	0	0.5		



TARGET #2,SOFT X-RAY HALO AROUND SU UMA

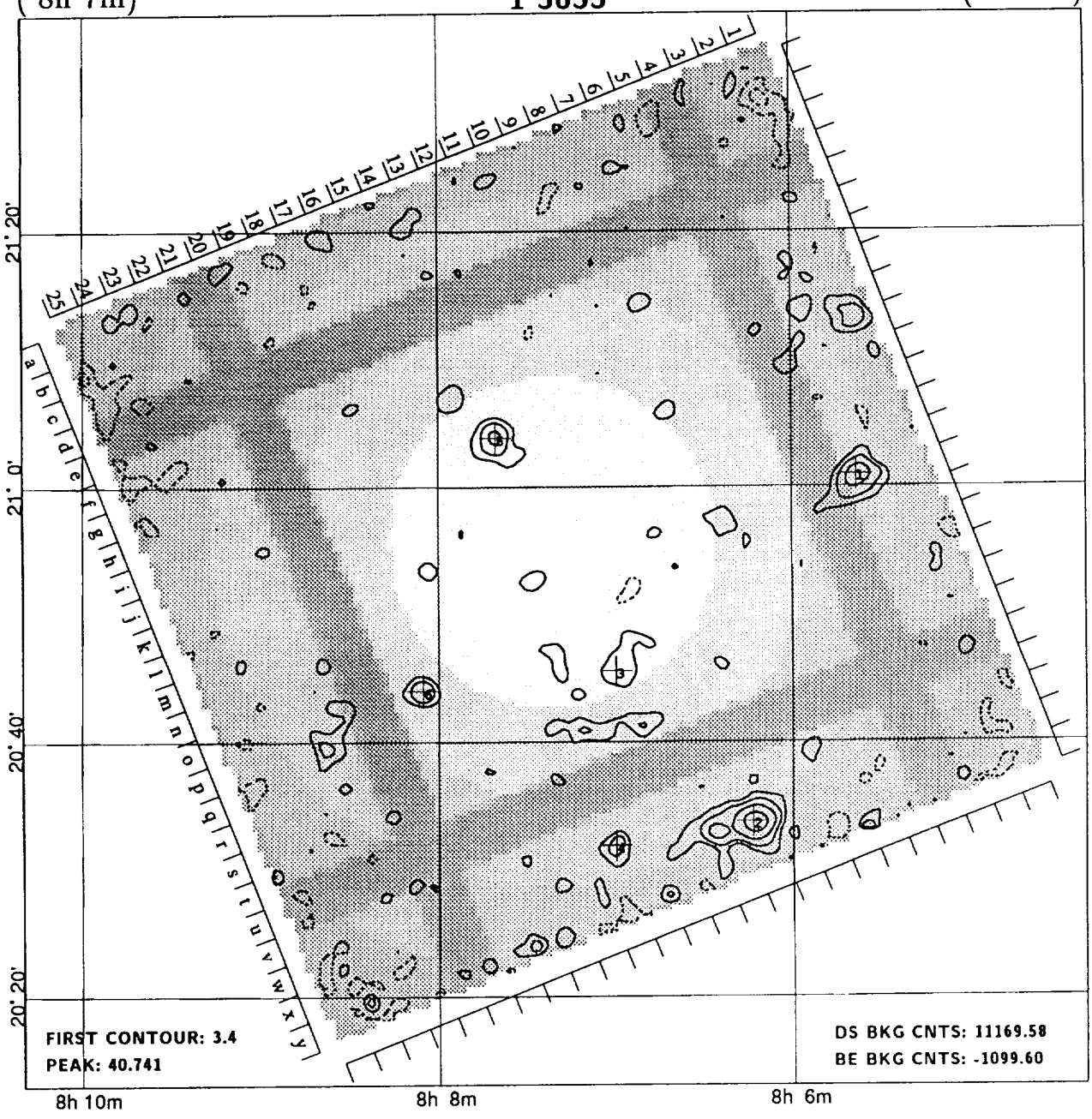
FIELD CENTER: $08^h06^m55.0^s$ $62°51'46''$ (B1950) | $08^h11^m18.6^s$ $62°42'51''$ (J2000) | ℓ: 153.84 b: 33.00

DATE: 1980/120 - 1980/120 | **LIVETIME:** 11797.9s | **ROLL ANGLE:** 87.8°

NH: 4.3E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1933	1	08 07 42.9	62 35 06	51	*0.0057	0.0013	36.6	27.4	4.6	0.8	703	17.6	H	
1938	2	08 08 02.9	62 45 26	37	0.5451	0.0084	4251.0	32.0	65.0	1.3	0	10.1	AH	S
1949	3	08 10 16.8	63 06 01	50	0.0145	0.0021	68.9	26.1	7.1	1.1	0	27.1	AH	

(8h 7m) **I 3835** (8h 7m)



JUPITER

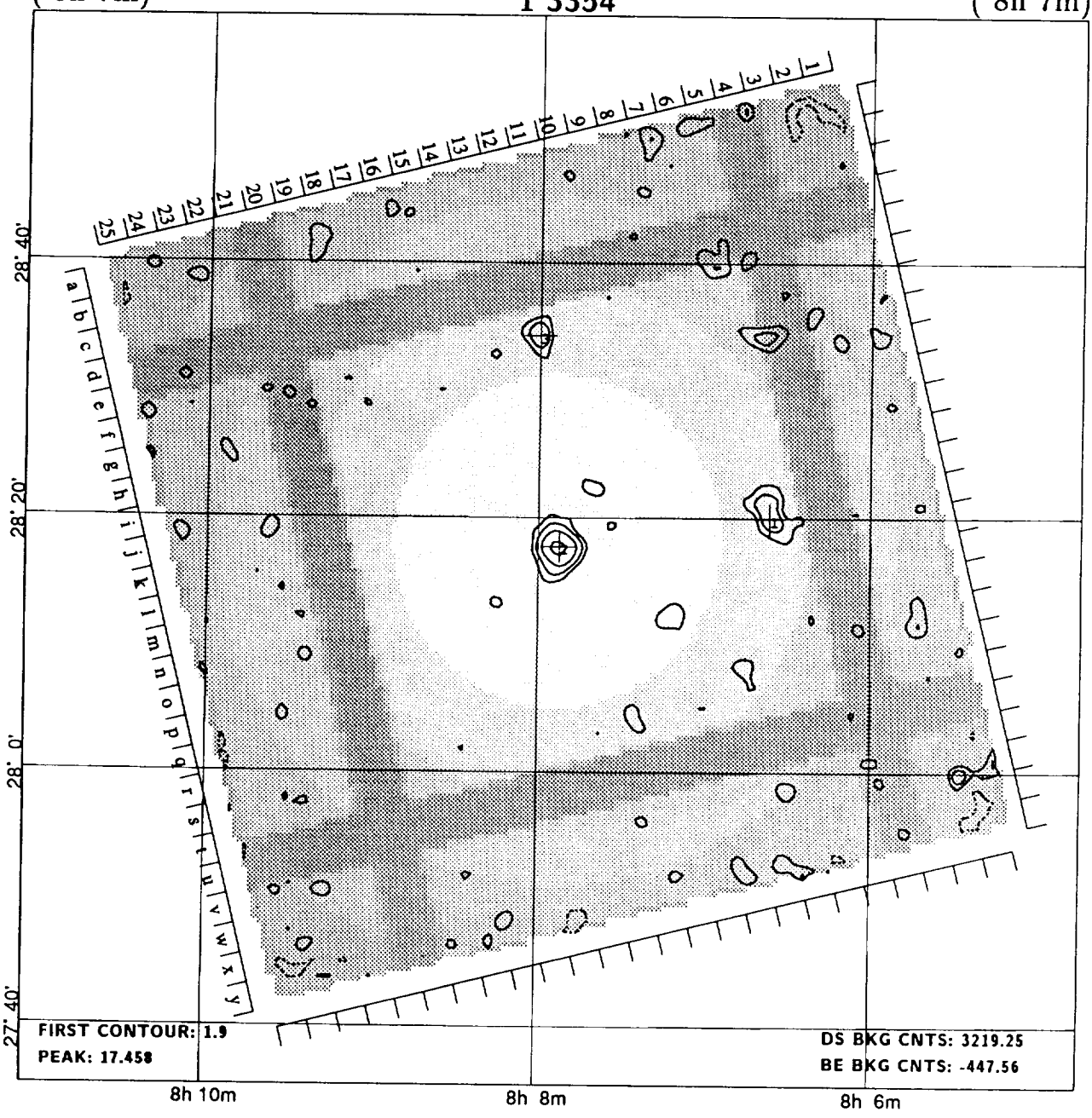
FIELD CENTER: $08^h07^m20.4^s$ $20°55'07''$ (B1950)
$08^h10^m15.6^s$ $20°46'13''$ (J2000)
ℓ: 201.88 b: 26.25

DATE: 1979/103 - 1979/103
LIVETIME: 9051.1s
ROLL ANGLE: 68.7°

NH: 4.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1921	1	08 05 38.1	21 00 55	50	*0.0112	0.0020	44.1	16.9	5.6	1.4	602	24.6	H	
1923	2	08 06 13.5	20 33 42	48	0.0253	0.0029	90.4	16.6	8.7	1.8	0	26.5	H	
1927	3	08 06 59.9	20 45 34	47	0.0043	0.0012	25.4	20.6	3.7	1.1	0	10.6	H	
1928	4	08 06 59.9	20 31 49	56	0.0055	0.0015	21.9	15.1	3.6	0.7	0	23.8	H	
1932	5	08 07 40.5	21 03 50	41	0.0086	0.0014	52.7	24.3	6.0	1.1	0	9.8	H	
1939	6	08 08 05.3	20 44 00	51	0.0061	0.0014	32.0	19.0	4.5	0.7	100	15.5	H	

(8h 7m) **I 3354** (8h 7m)



DWARF NOVAE: YZ CNC

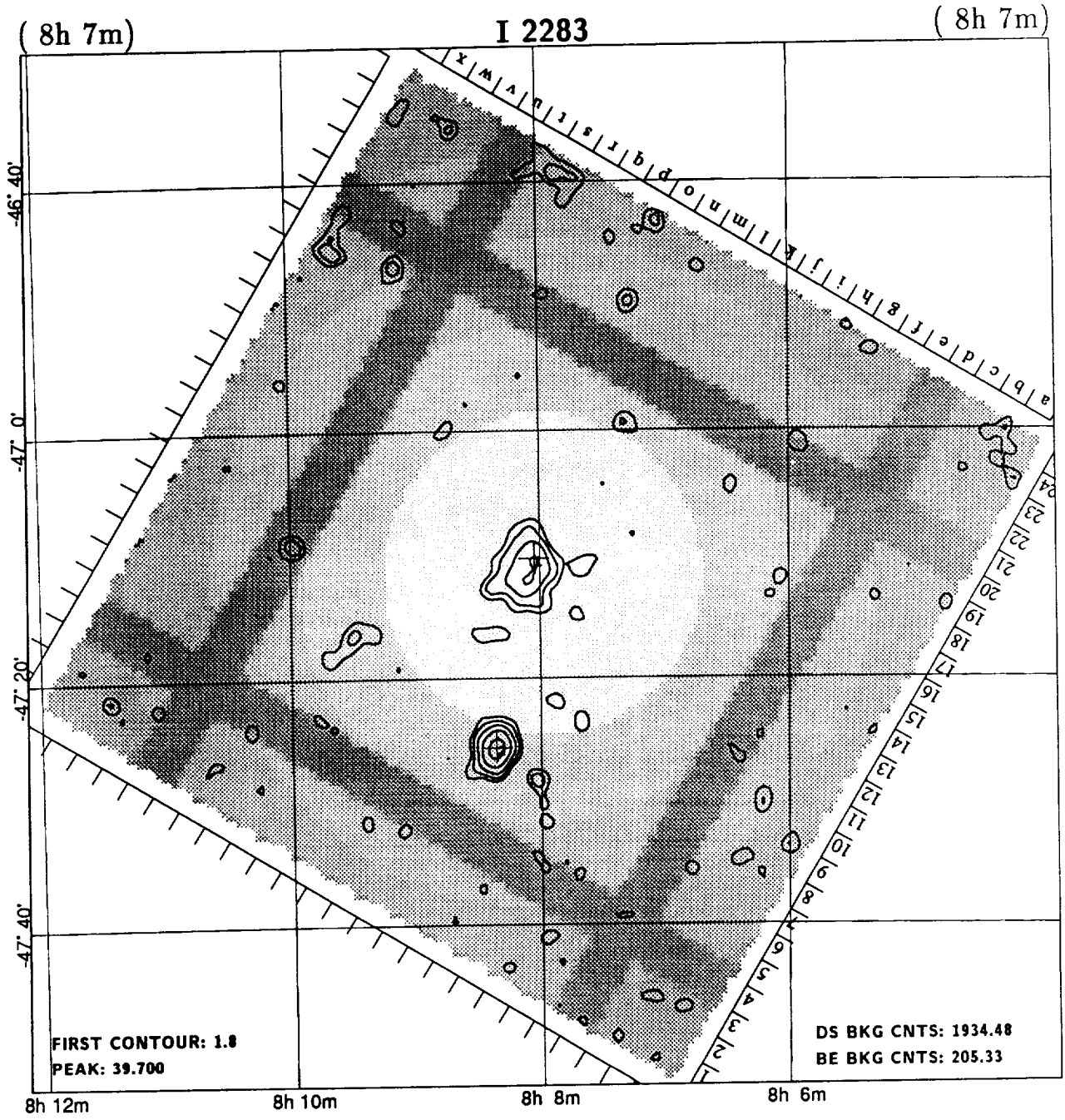
FIELD CENTER: $08^h07^m55.0^s$ $28°17'23''$ (B1950)
$08^h10^m59.0^s$ $28°08'27''$ (J2000)
ℓ: 194.09 b: 28.82

DATE: 1979/ 98 - 1979/ 98
LIVETIME: 2608.6s
ROLL ANGLE: 76.3°

NH: 3.7E+20
REF/ID: CV
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1924	1	08 06 36.3	28 19 55	55	0.0122	0.0032	17.8	4.2	3.8	1.3	0	17.4	H	
1934	2	08 07 52.4	28 17 41	32	0.0379	0.0046	73.7	6.3	8.2	1.2	0	0.4	H	CV
1935	3	08 08 00.0	28 34 17	53	0.0128	0.0033	19.1	4.9	3.9	0.8	100	17.0	H	

(8h 7m) **I 2283** (8h 7m)



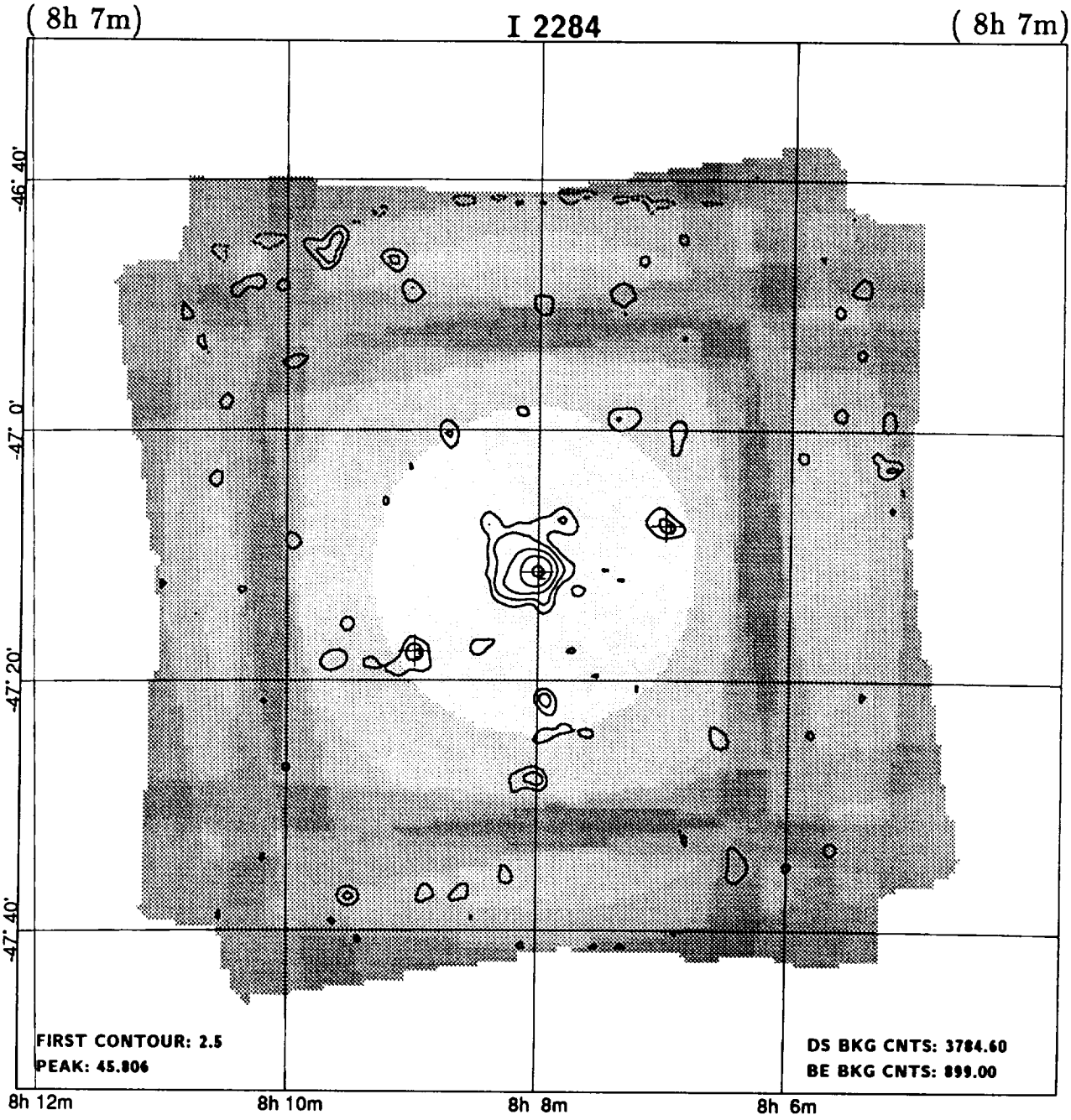
STELLAR SURVEY-WOLF-RAYET STARS: HD68273=GAMMA2 VEL

FIELD CENTER: $08^h07^m58.8^s$ $-47°10'58''$ (B1950)
$08^h09^m31.3^s$ $-47°19'52''$ (J2000)
ℓ: 262.80 b: -7.68

DATE: 1979/355 - 1979/355
LIVETIME: 1567.6s
ROLL ANGLE: -149.1°

NH: 1.7E+21
REF/ID: S
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1936	1	08 08 02.6	-47 10 18	34	0.0556	0.0072	64.6	5.4	7.7	2.3	0	1.0	AH	S
1940	2	08 08 21.6	-47 25 39	48	0.140	0.012	130.8	4.2	11.3	1.2	0	15.3	H	



STELLAR SURVEY-WOLF-RAYET STARS: HD68273=GAMMA2 VEL

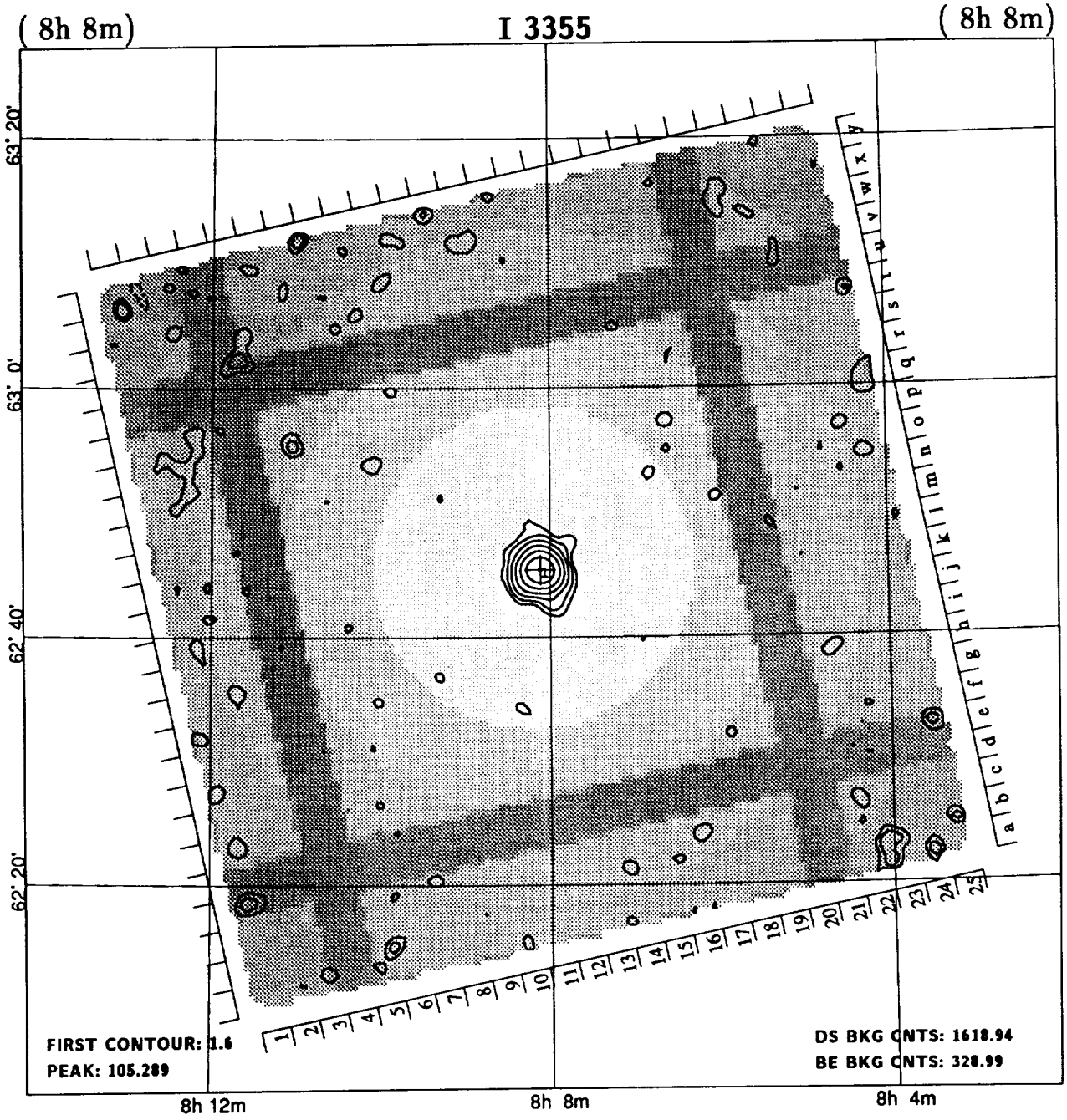
FIELD CENTER: $08^h07^m58.8^s$ $-47°10'58''$ (B1950)
$08^h09^m31.3^s$ $-47°19'52''$ (J2000)
ℓ: 262.80 b: -7.68

DATE: 1979/298 - 1979/298
LIVETIME: 3066.8s

NH: 1.7E+21
REF/ID: S
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1926	1	08 06 59.3	-47 07 39	46	0.0104	0.0028	20.8	10.2	3.7	0.8	0	11.0	H	
1936	2	08 08 00.2	-47 11 20	31	0.0847	0.0063	193.9	12.1	13.5	1.8	0	0.4	AH	S
1943	3	08 08 58.8	-47 17 39	43	0.0110	0.0028	21.9	10.1	3.9	1.0	0	12.4	H	

I 3355



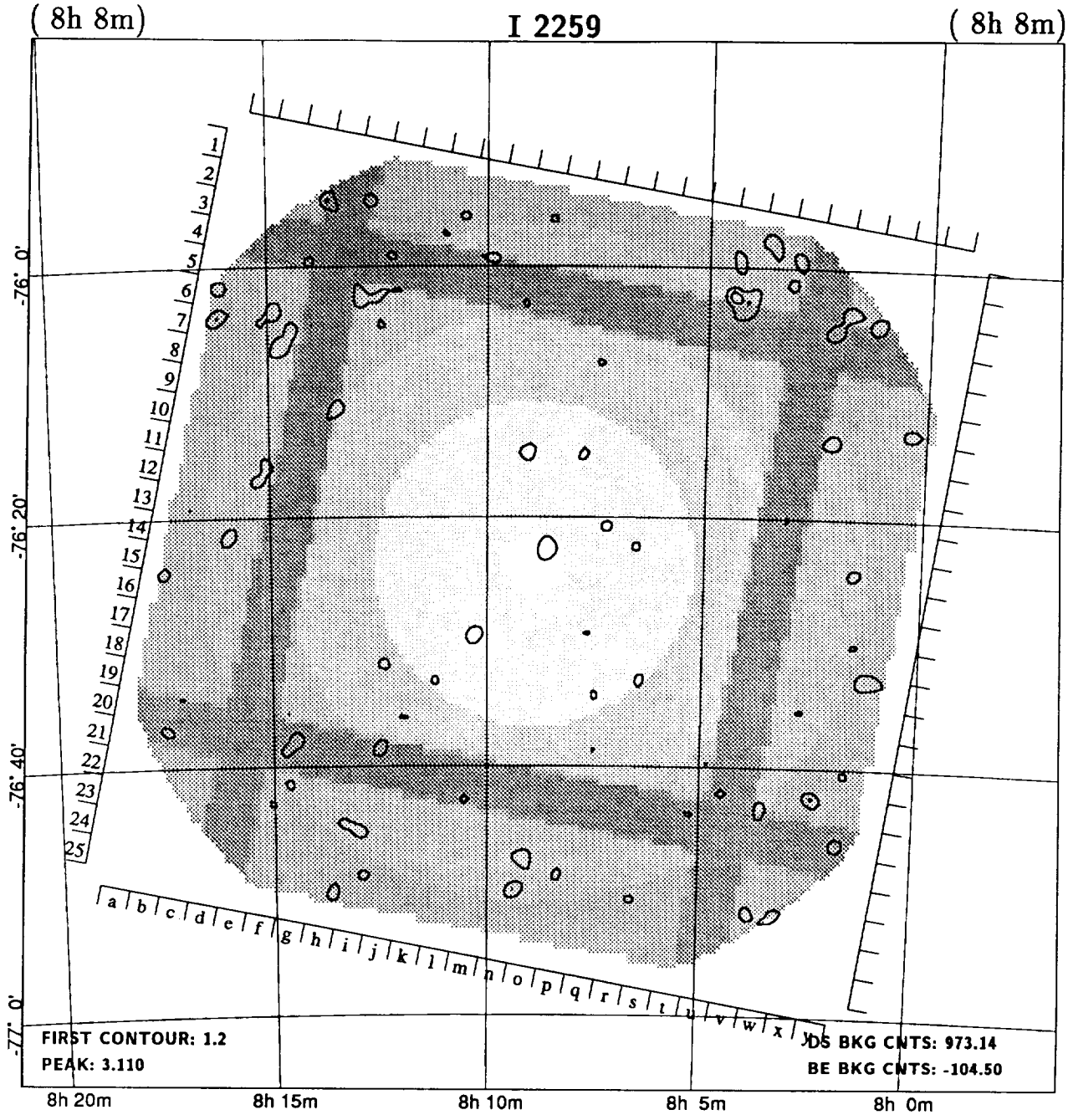
DWARF NOVAE: SU UMA

FIELD CENTER: $08^h08^m06.0^s$ $62°45'36''$ (B1950)
$08^h12^m28.7^s$ $62°36'37''$ (J2000)
ℓ: 153.96 b: 33.14

DATE: 1979/277 - 1979/277
LIVETIME: 1311.9s
ROLL ANGLE: -102.2°

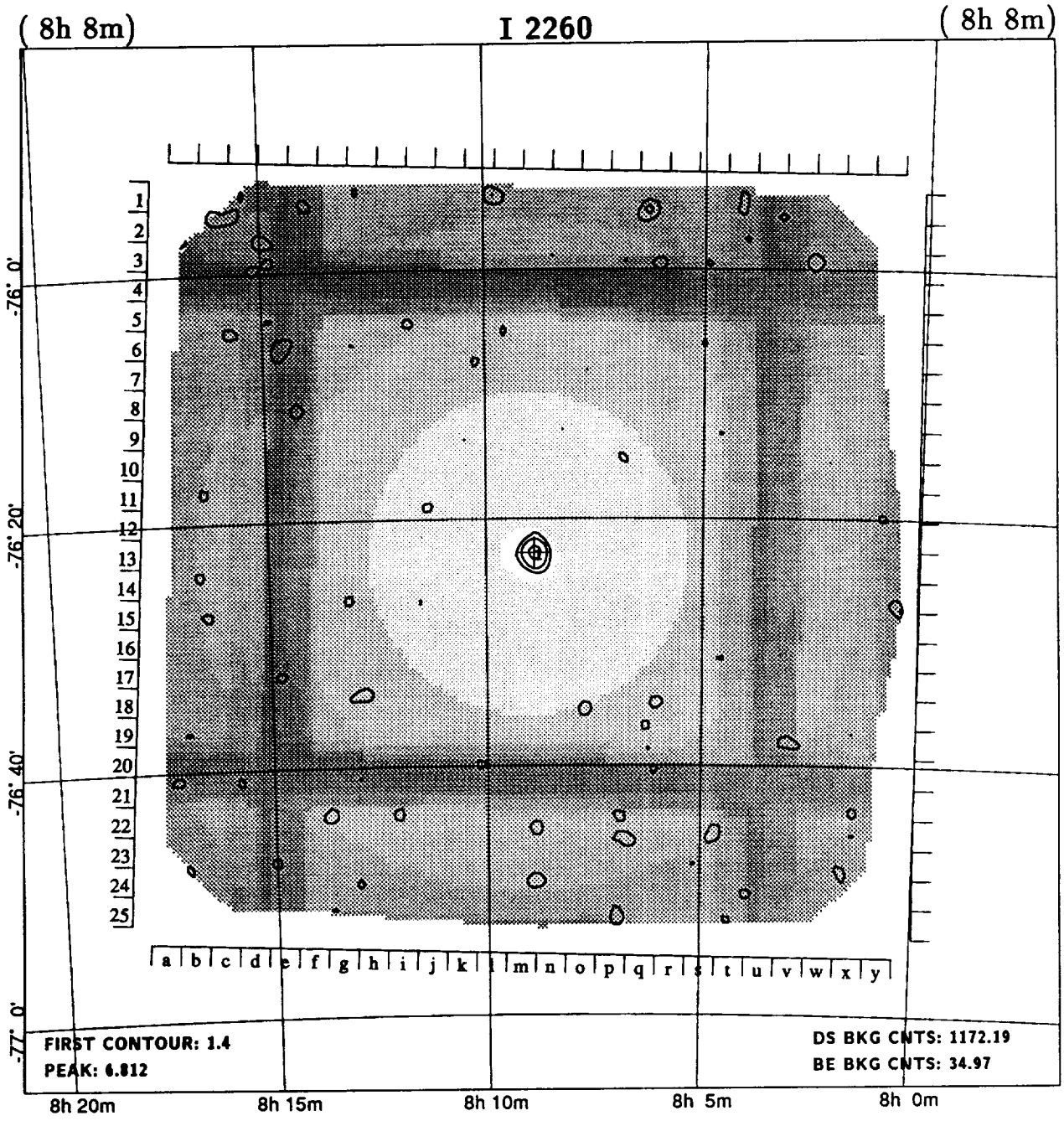
NH: 4.2E+20
REF/ID: CV
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1938	1	08 08 06.9	62 45 23	31	0.438	0.021	429.0	5.0	20.6	1.3	0	0.2	AH	S



STELLAR SURVEY-CATACLYSMIC VARIABLES: Z CHA

FIELD CENTER:	$08^h08^m44.0^s$ $-76°23'57''$ (B1950)	**DATE:** 1979/193 - 1979/193	**NH:** 1.2E+21
	$08^h07^m22.1^s$ $-76°32'48''$ (J2000)	**LIVETIME:** 788.6s	**REF/ID:**
	ℓ: 289.20 b: -22.09	**ROLL ANGLE:** 10.5°	**FIELD FLAGS:** C



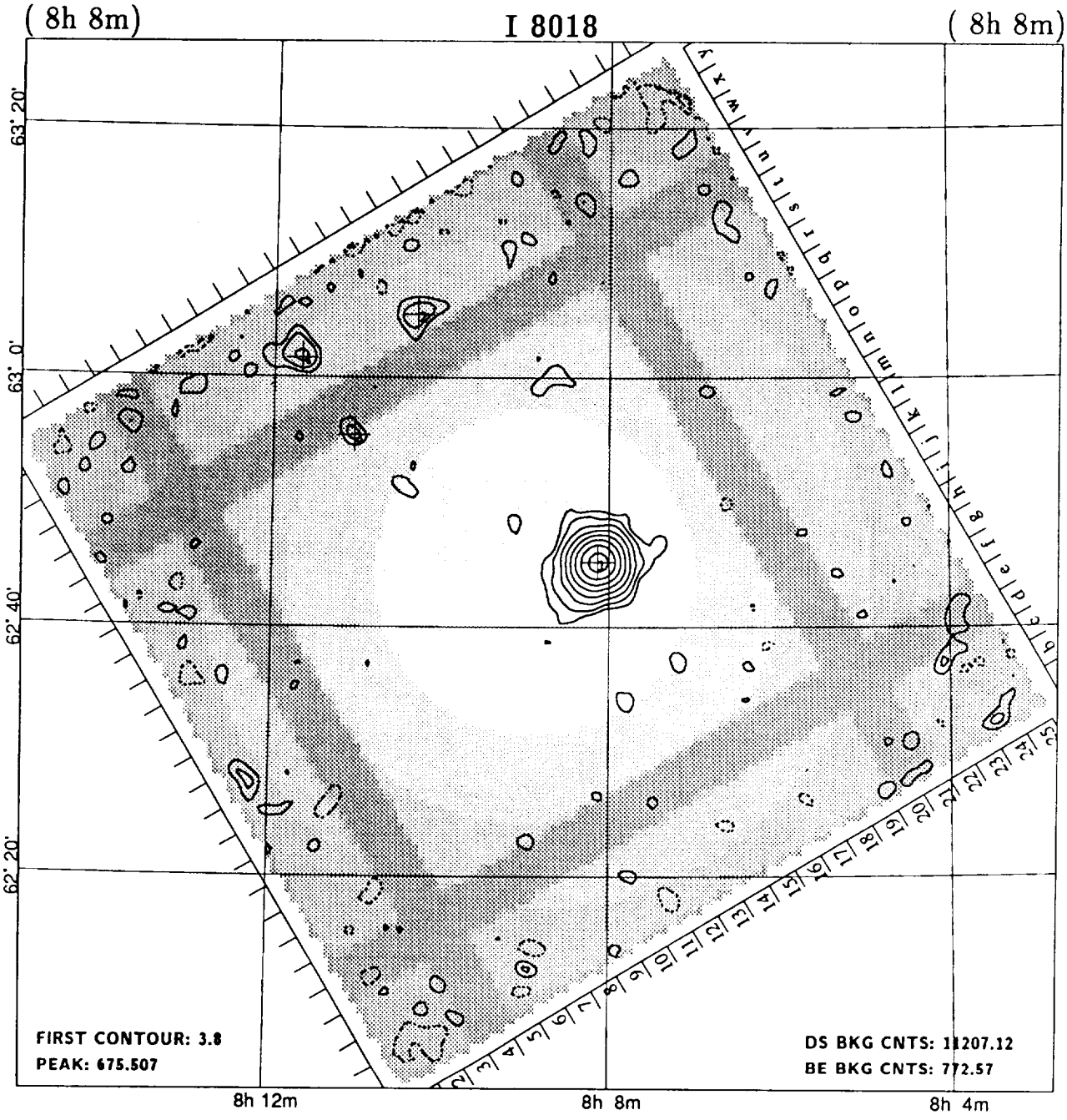
STELLAR SURVEY-CATACLYSMIC VARIABLES: Z CHA

FIELD CENTER: $08^h08^m44.0^s$ -76°23′57″ (B1950)
$08^h07^m22.1^s$ -76°32′48″ (J2000)
ℓ: 289.20 b: -22.09

DATE: 1979/202 - 1979/202
LIVETIME: 949.8s
ROLL ANGLE: 1.5°

NH: 1.2E+21
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1942	1	08 08 53.5	-76 22 44	36	0.0368	0.0076	26.2	2.8	4.9	0.8	0	1.3	H	CV



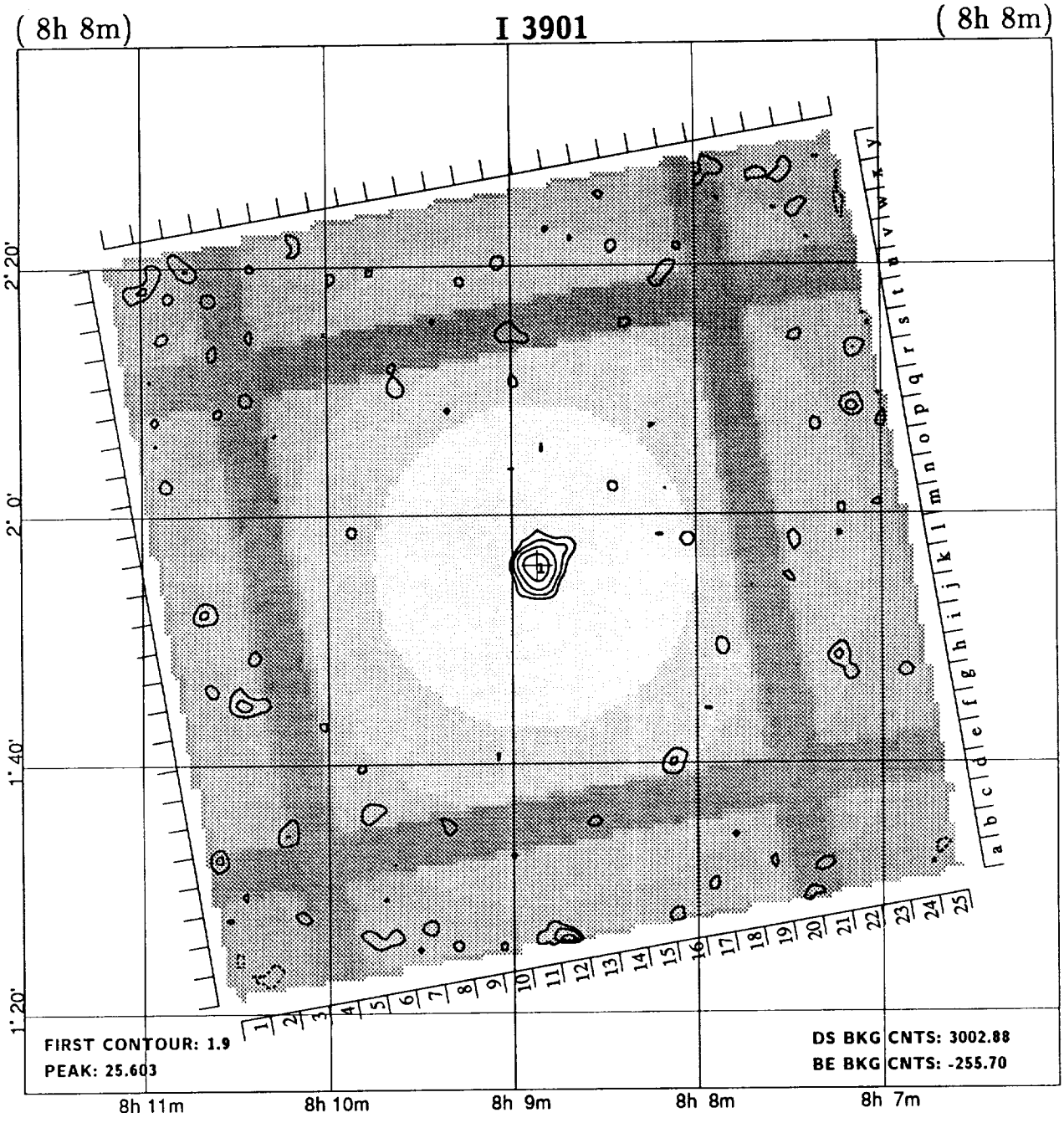
TARGET#1, SOFT X-RAY HALO AROUND SU UMA

FIELD CENTER: $08^h08^m50.0^s$ $62°44'59''$ (B1950) | $08^h13^m12.5^s$ $62°35'57''$ (J2000) | ℓ: 153.96 b: 33.22

DATE: 1980/270 - 1980/271 | **LIVETIME:** 9081.5s | **ROLL ANGLE:** -120.9°

NH: 4.2E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1938	1	08 08 08.0	62 45 15	31	0.4258	0.0082	2755.8	30.2	52.2	1.4	0	4.7	AH	S
1949	2	08 10 17.8	63 05 05	55	0.0075	0.0017	31.7	21.3	4.4	1.0	400	22.5	AH	
1953	3	08 11 02.4	62 55 22	55	*0.0050	0.0014	24.5	21.5	3.6	0.6	805	18.4		
1956	4	08 11 40.4	63 01 35	51	0.0099	0.0020	37.5	19.5	5.0	1.1	0	25.7	H	



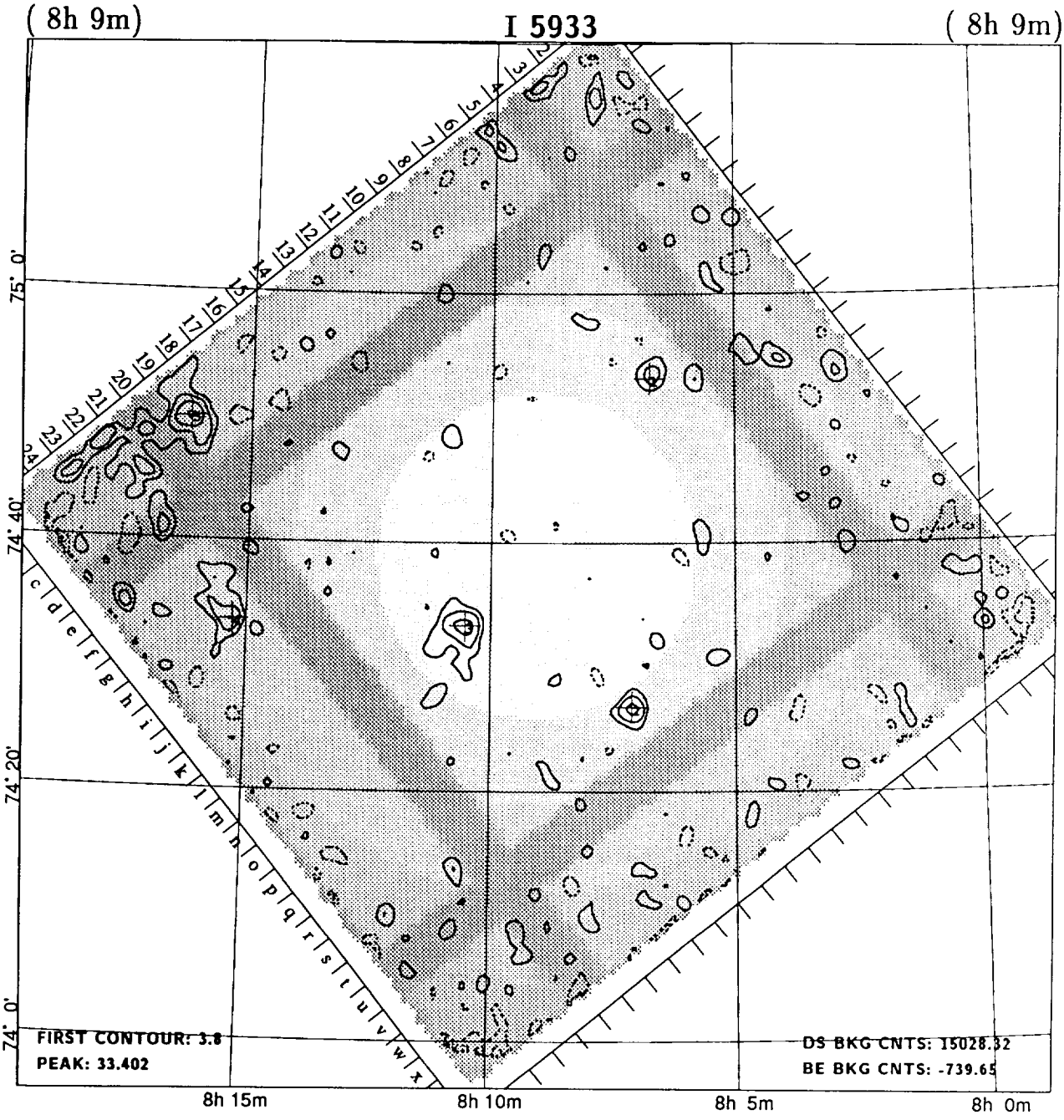
0808+019, BL-LAC OBJECT

FIELD CENTER: $08^h08^m51.1^s$ $01°55'49''$ (B1950)
$08^h11^m26.6^s$ $01°46'50''$ (J2000)
ℓ: 220.71 b: 18.57

DATE: 1979/290 - 1979/290
LIVETIME: 2433.3s
ROLL ANGLE: -99.7°

NH: 4.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1941	1	08 08 51.9	01 55 58	31	0.0622	0.0060	112.9	6.1	10.3	1.3	0	0.6	H	BL



RADIO PULSAR PROJECT:

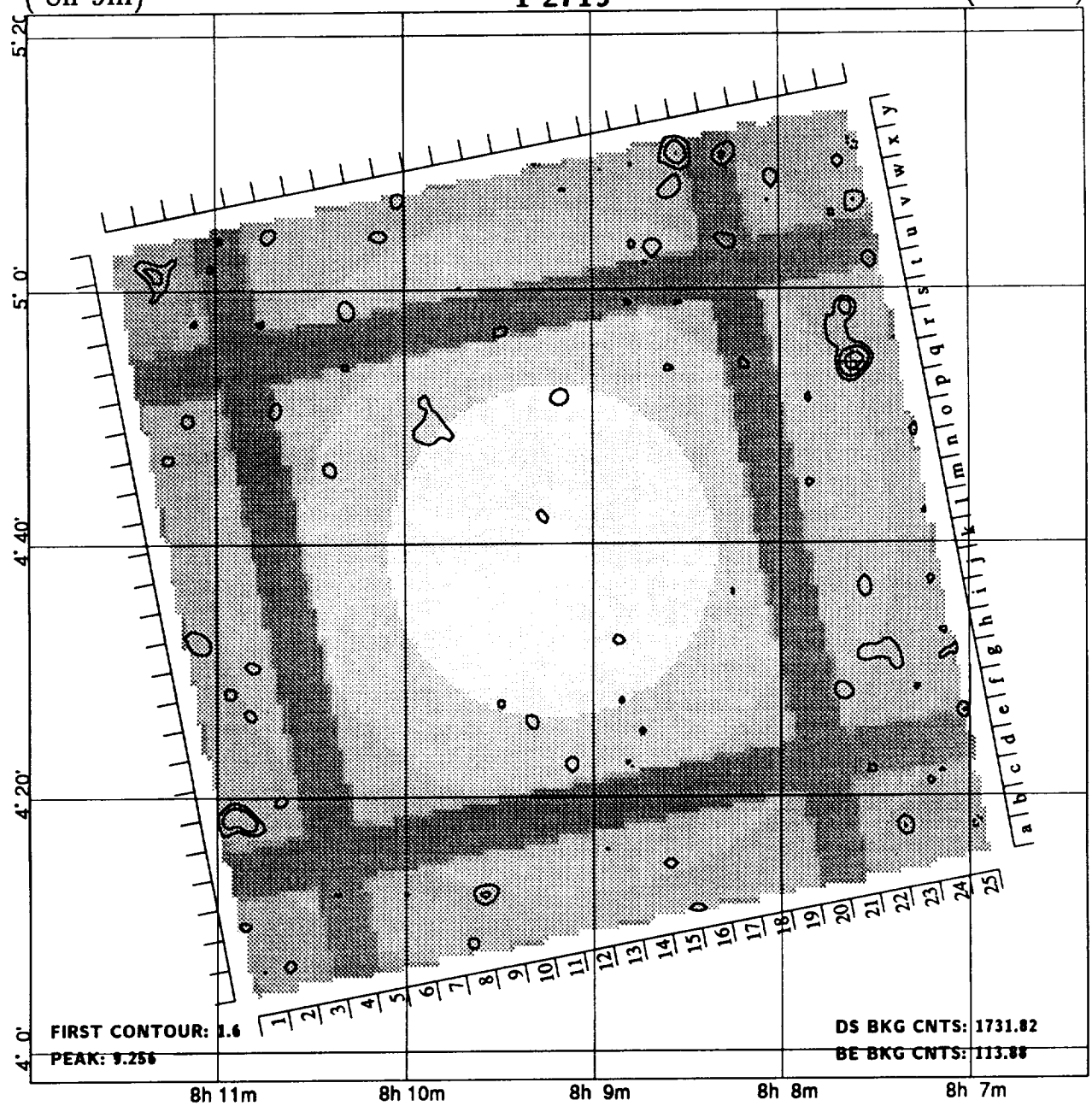
FIELD CENTER: $08^h09^m03.0^s$ $74°38'11''$ (B1950) | $08^h14^m59.5^s$ $74°29'05''$ (J2000) | ℓ: 140.00 b: 31.62

DATE: 1980/ 71 - 1980/ 72 | **LIVETIME:** 12177.9s | **ROLL ANGLE:** 51.5°

NH: 2.7E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1925	1	08 06 45.3	74 53 13	53	0.0048	0.0011	32.9	25.1	4.3	0.7	0	17.7		
1930	2	08 07 06.6	74 26 49	41	0.0072	0.0013	52.5	32.5	5.7	0.9	0	13.8	H	
1951	3	08 10 31.6	74 33 20	41	0.0090	0.0012	75.2	30.8	7.3	1.4	0	7.8	H	
1962	4	08 15 16.9	74 33 38	55	0.0047	0.0013	24.5	19.5	3.7	1.6	0	25.5	H	
1964	5	08 16 15.0	74 49 53	50	*0.0142	0.0022	59.5	22.5	6.6	2.8	501	30.9	H	

(8h 9m) **I 2719** (8h 9m)



QUASAR SURVEY: MA 0829+47

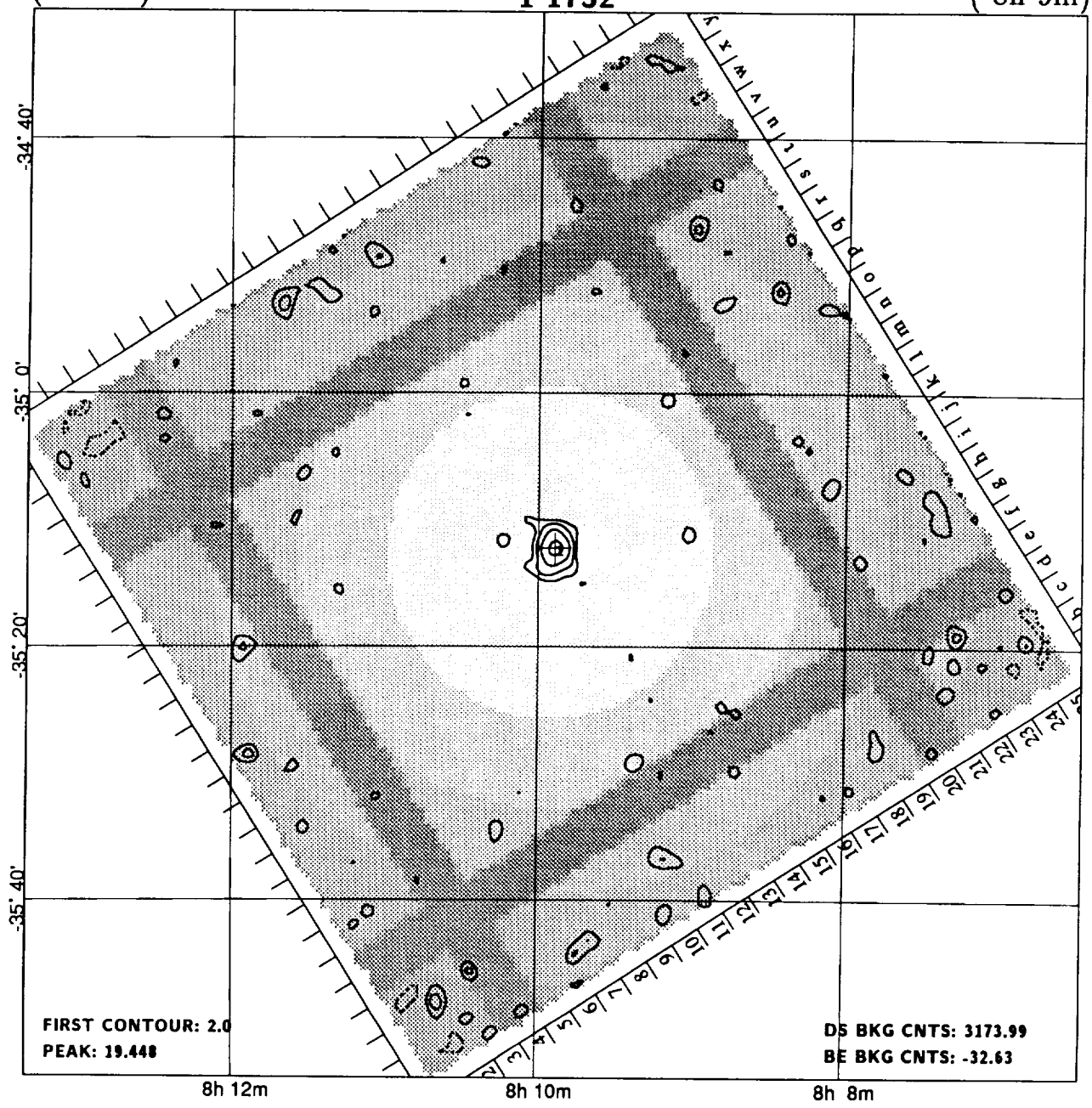
FIELD CENTER: $08^h09^m10.9^s$ $04°39'50''$ (B1950)
$08^h11^m49.1^s$ $04°30'50''$ (J2000)
ℓ: 218.19 b: 19.92

DATE: 1979/292 - 1979/292
LIVETIME: 1403.3s
ROLL ANGLE: -100.8°

NH: 3.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1931	1	08 07 37.3	04 54 06	54	0.0336	0.0085	18.0	3.0	3.9	1.3	0	27.3	H	

(8h 9m) **I 1752** (8h 9m)



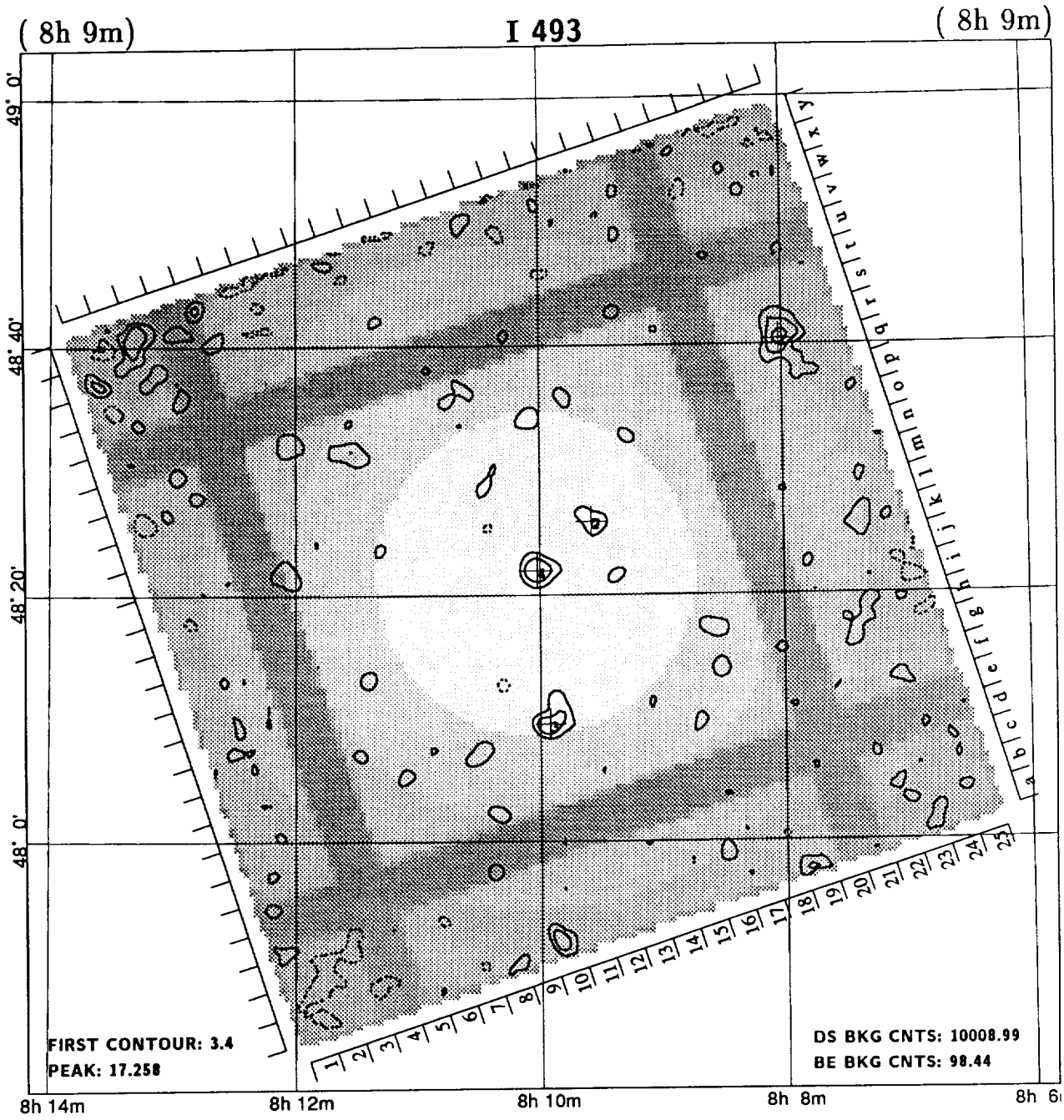
CP PUP,OPTICAL NOVA

FIELD CENTER: $08^h09^m54.0^s$ $-35°11'59''$ **(B1950)**
$08^h11^m47.9^s$ $-35°21'01''$ **(J2000)**
ℓ: 252.93 b: -0.83

DATE: 1979/328 - 1979/328
LIVETIME: 2572.0s
ROLL ANGLE: -122.6°

NH: 6.3E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1945	1	08 09 53.5	-35 12 14	32	0.0419	0.0049	80.3	7.7	8.6	1.2	0	0.2	H	SNR



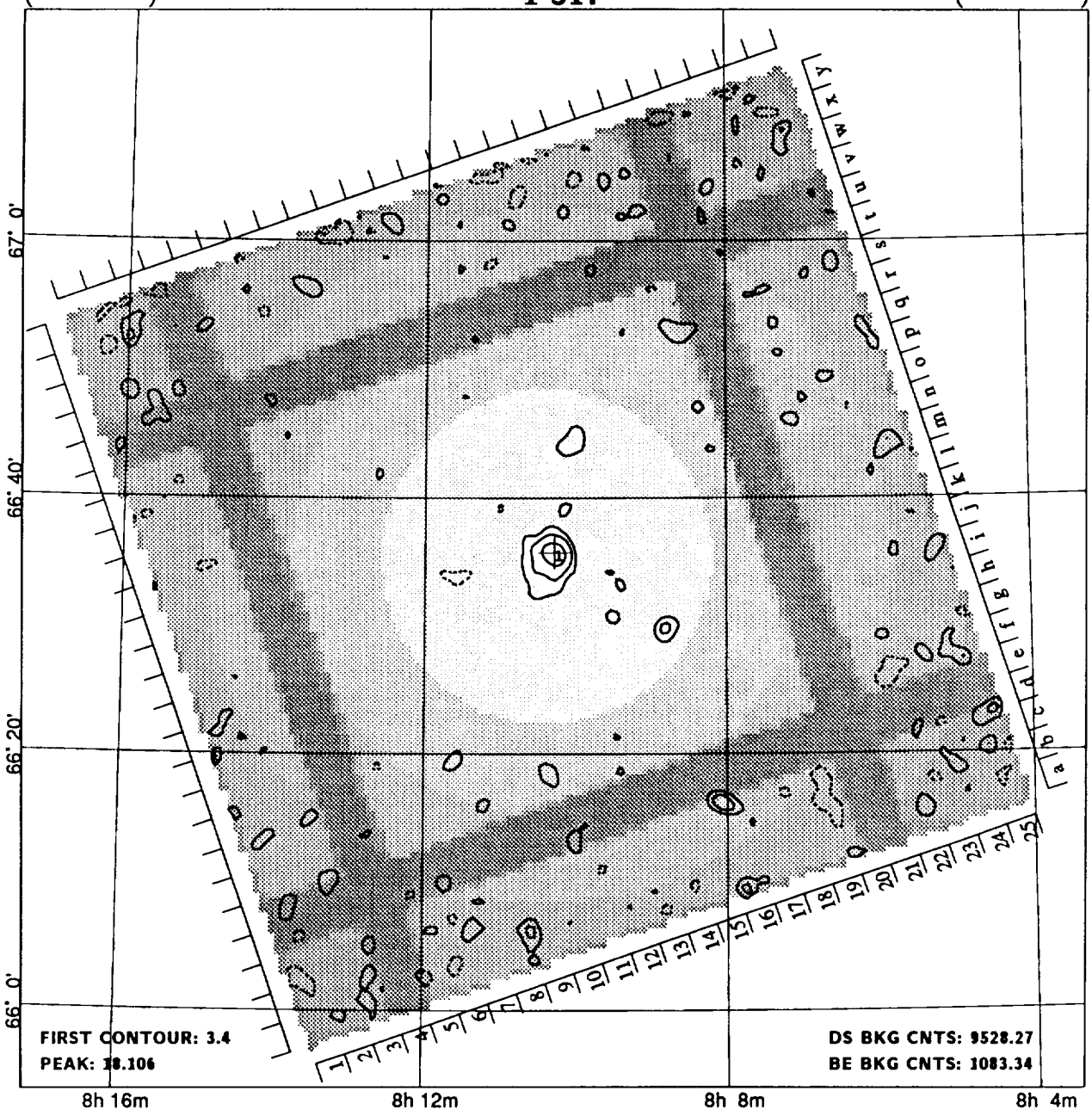
3CR 196 (QSO 0809+483) QUASAR SURVEY

FIELD CENTER: $08^h09^m59.4^s$ $48°22'07''$ (B1950)
$08^h13^m36.0^s$ $48°13'02''$ (J2000)
ℓ: 171.17 b: 33.24

DATE: 1979/281 - 1979/282
LIVETIME: 8110.6s
ROLL ANGLE: -108.1°

NH: 4.6E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1937	1	08 08 01.6	48 40 24	51	0.0094	0.0021	29.7	14.3	4.5	1.3	0	27.0	H	
1944	2	08 09 34.7	48 25 52	45	0.0044	0.0012	25.2	22.8	3.6	0.6	0	5.7	H	
1946	3	08 09 55.3	48 09 30	42	0.0075	0.0015	39.1	22.9	5.0	1.1	0	12.7	H	AGN
1947	4	08 10 01.4	48 21 57	35	0.0082	0.0014	49.8	24.2	5.8	0.8	0	0.4		Q



A 629 CLUSTERS WITH TAILED RADIO SOURCES

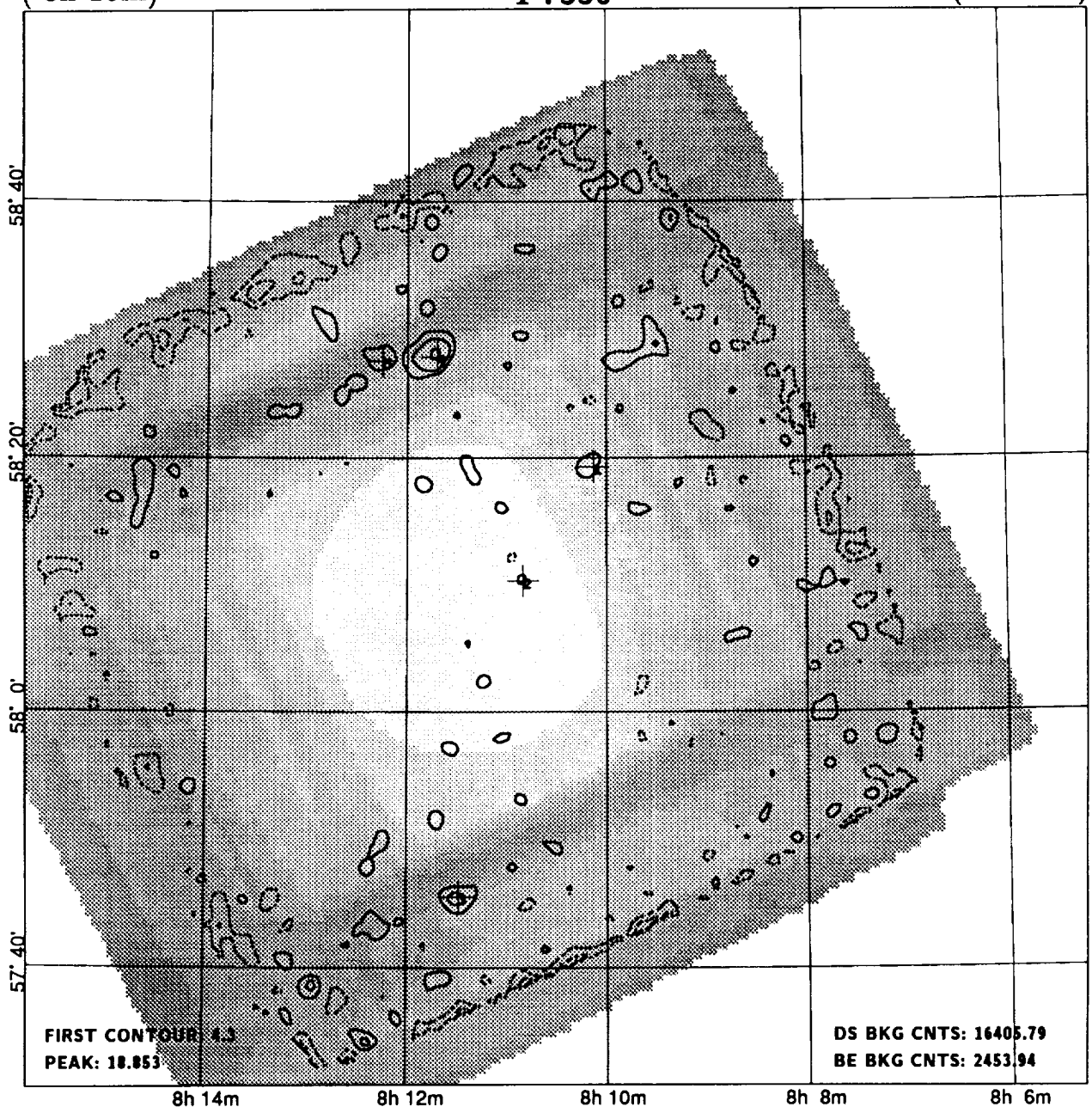
FIELD CENTER: $08^h10^m18.0^s$ $66°35'59''$ (B1950) | $08^h15^m00.5^s$ $66°26'51''$ (J2000) | ℓ: 149.37 b: 33.01

DATE: 1979/282 - 1979/282 | **LIVETIME:** 7721.1s | **ROLL ANGLE:** -109.0°

NH: 4.3E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1950	1	08 10 16.9	66 35 41	32	0.0155	0.0019	89.0	28.0	8.2	1.5	0	0.2	H	

(8h 10m) **I 7336** (8h 10m)



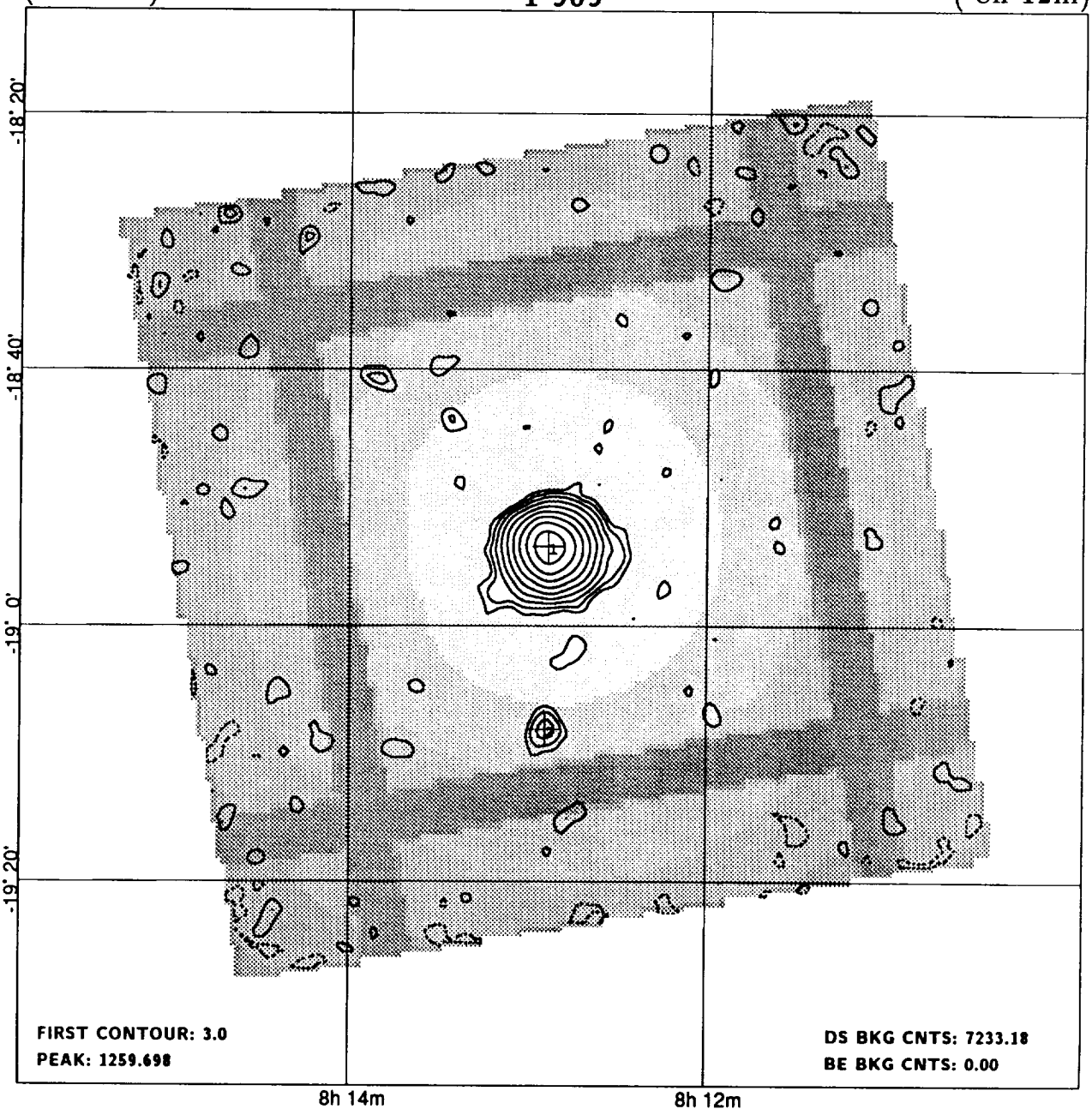
A 634, PECULIAR CLUSTER

FIELD CENTER: $08^h10^m30.0^s$ $58°12'59''$ (B1950) | $08^h14^m33.7^s$ $58°03'52''$ (J2000) | ℓ: 159.38 b: 33.64

DATE: 1980/273 - 1980/273 | **LIVETIME:** 13294.1s

NH: 4.2E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1948	1	08 10 07.8	58 19 17	58	0.00335	0.00093	27.8	32.2	3.6	0.4	100	6.4		
1952	2L	08 10 50.3	58 10 23	41	0.0037	0.0010	36.2	28.8	3.6	0.2	0	3.7		
1954	3	08 11 28.8	57 45 33	63	*0.0041	0.0011	25.6	19.4	3.8	0.7	1609	28.4		
1957	4	08 11 42.1	58 27 51	51	*0.0082	0.0013	58.7	26.3	6.4	1.1	1609	18.1		
1958	5	08 12 15.2	58 27 33	77	*0.00361	0.00095	25.2	18.8	3.8	0.6	1609	20.2		



VV PUP STELLAR OBSERVATIONS, VARIABLE STARS

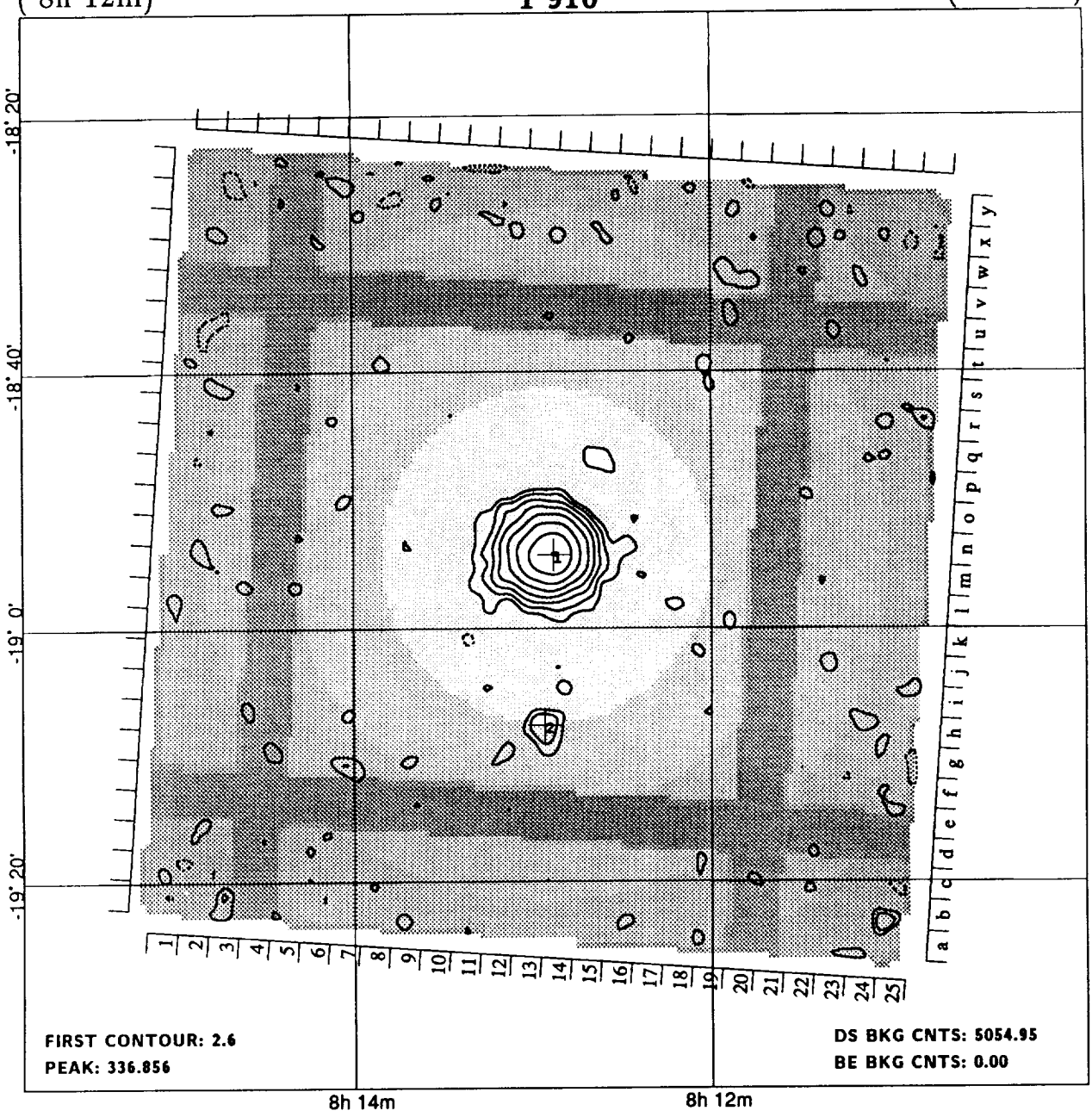
FIELD CENTER: $08^h12^m52.5^s$ $-18°53'58''$ **(B1950)**
$08^h15^m07.1^s$ $-19°03'12''$ **(J2000)**
ℓ: **239.65** b: **8.71**

DATE: 1980/111 - 1980/111
LIVETIME: 5861.2s

NH: 1.0E+21
REF/ID:
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1959	1L	08 12 53.1	-18 53 51	31	0.967	0.021	4217.1	1995.9	44.9	1.9	0	0.0	A	S
1960	2L	08 12 54.1	-19 08 04	41	0.0129	0.0028	44.7	20.3	4.5	0.9	0	14.1	A	*

(8h 12m) **I 910** (8h 12m)



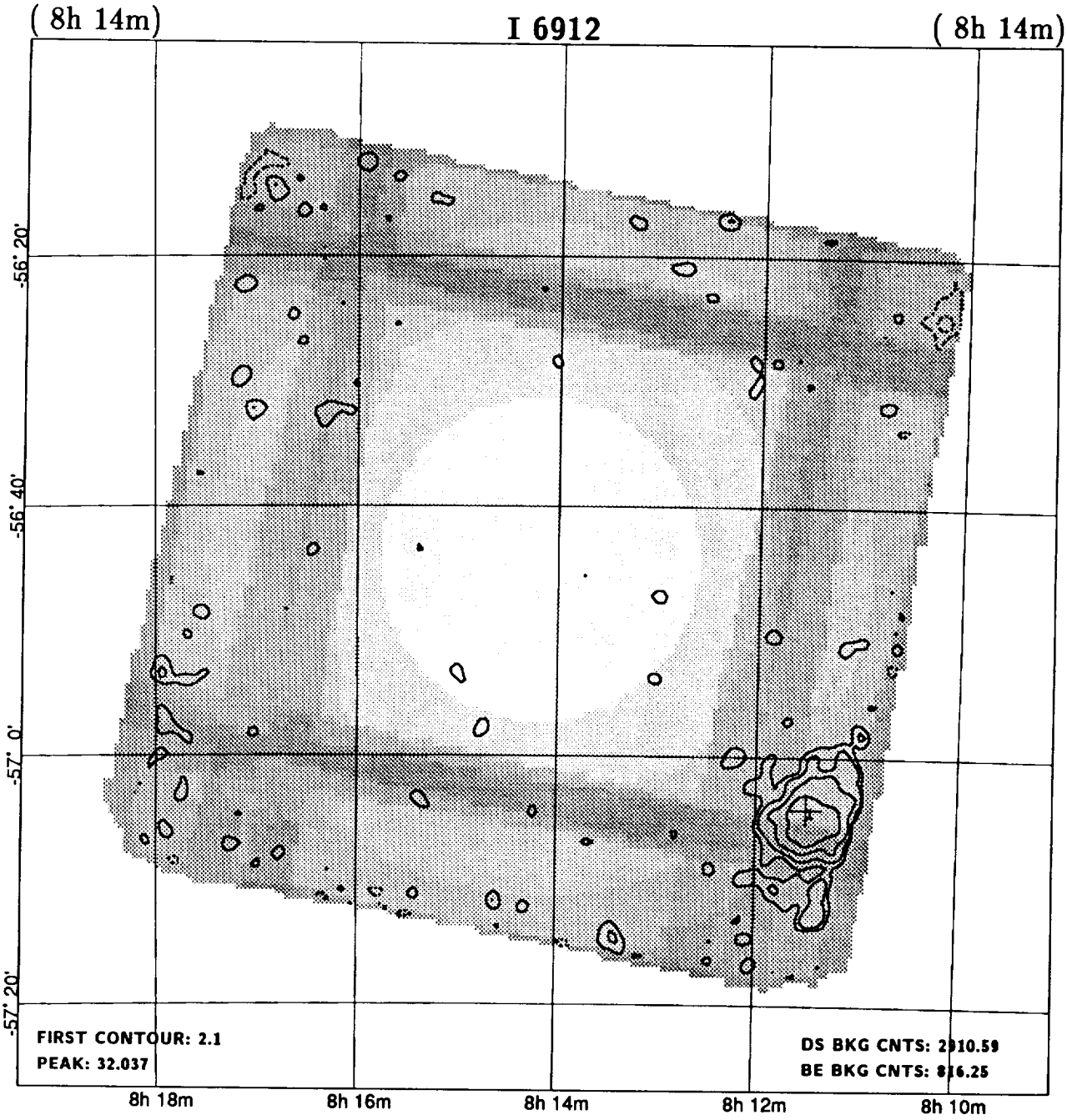
VV PUP STELLAR OBSERVATIONS, VARIABLE STARS

FIELD CENTER: $08^h12^m52.5^s$ $-18°53'58''$ **(B1950)**
$08^h15^m07.1^s$ $-19°03'12''$ **(J2000)**
ℓ: **239.65** b: **8.71**

DATE: 1980/277 - 1980/277
LIVETIME: 4096.2s
ROLL ANGLE: -86.2°

NH: 1.0E+21
REF/ID:
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1959	1L	08 12 53.0	-18 54 14	31	0.325	0.016	992.3	692.7	19.9	2.3	0	0.3	A	S
1960	2L	08 12 55.9	-19 07 34	42	0.0153	0.0032	39.0	10.0	4.7	1.0	0	13.7	A	*



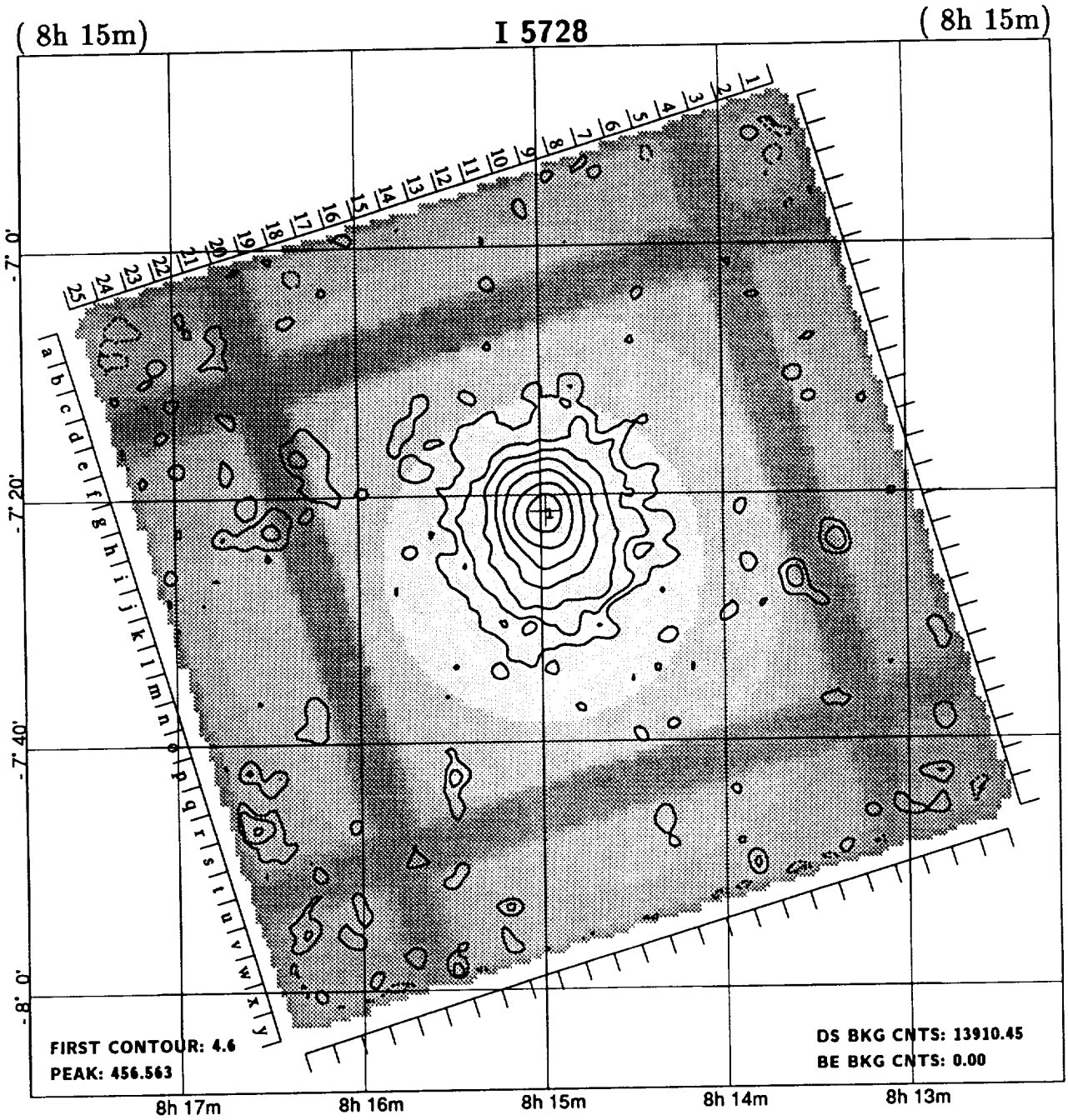
4U 0814-56,GALACTIC SOURCE LOCATIONS & SPECTRA I

FIELD CENTER: $08^h14^m12.0^s$ $-56°44'59''$ (B1950)
$08^h15^m20.6^s$ $-56°54'15''$ (J2000)
ℓ: 271.52 b: -12.01

DATE: 1980/100 - 1980/193
LIVETIME: 2443.2s

NH: 1.7E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1955	1	08 11 29.9	-57 04 12	50	*0.085	0.010	74.4	5.6	8.3	4.0	1002	29.1	H	



CLUSTERS WITH IPC: A644

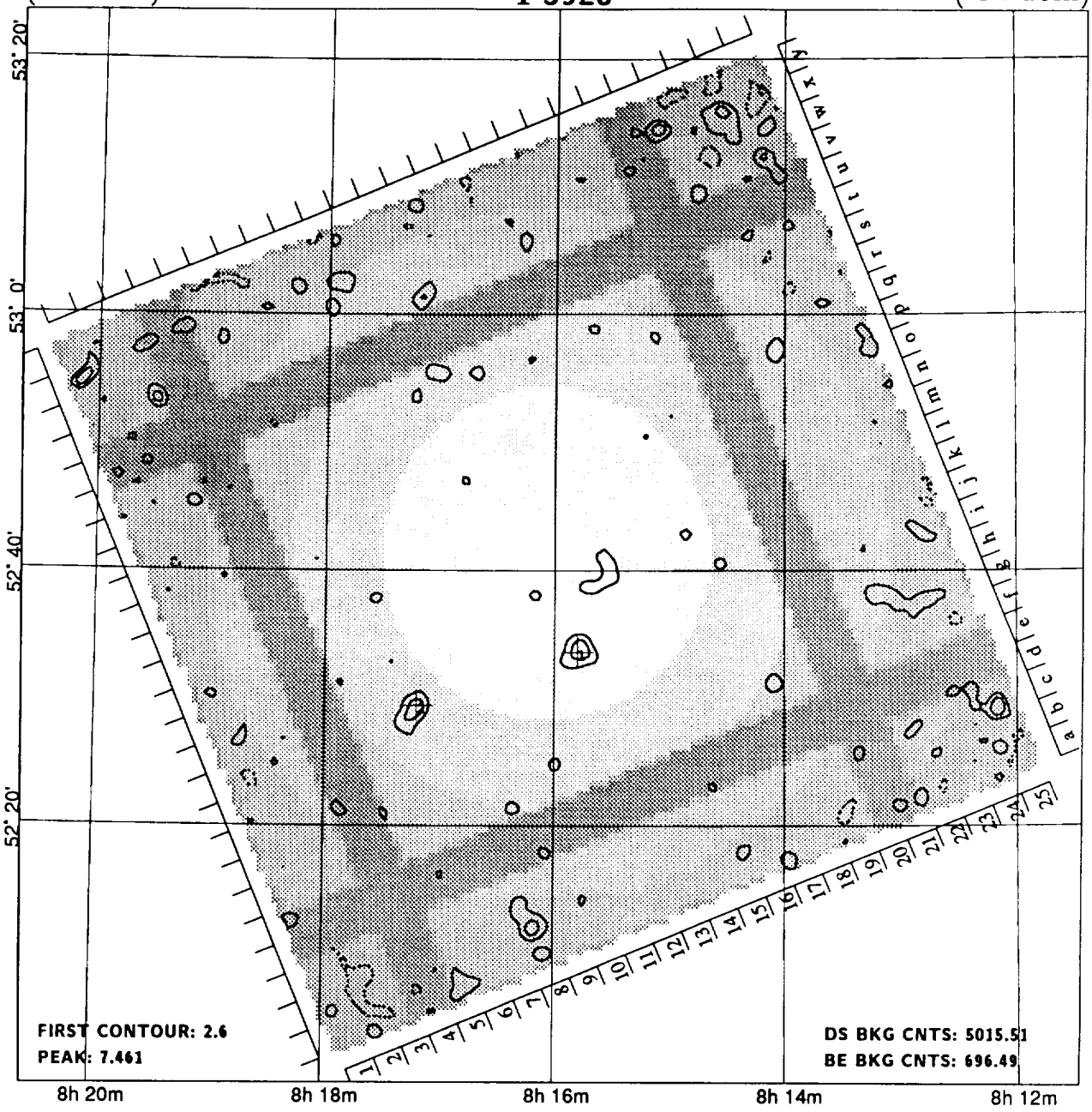
FIELD CENTER: $08^h15^m00.0^s$ $-07°25'59''$ (B1950)
$08^h17^m26.4^s$ $-07°35'21''$ (J2000)
ℓ: 230.00 b: 15.25

DATE: 1980/122 - 1980/126
LIVETIME: 11272.0s
ROLL ANGLE: 73.2°

NH: 7.4E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1961	1L	08 14 58.4	-07 21 19	31	0.1380	0.0074	1123.3	1220.7	18.6	3.9	0	4.6		CLG

(8h 16m) **I 3928** (8h 16m)



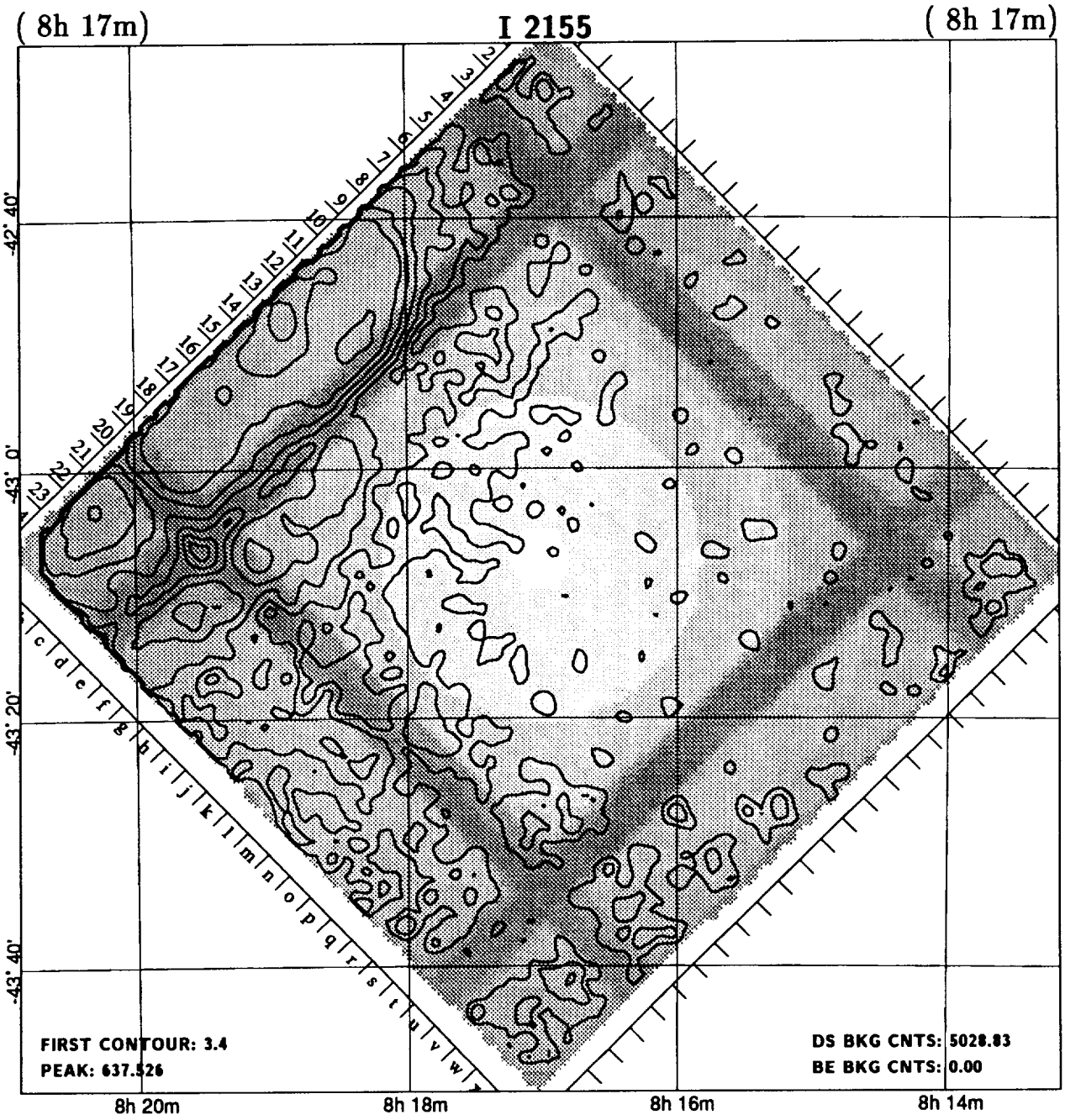
CLASSICAL DOUBLES IN RICH CLUSTERS

FIELD CENTER: $08^h16^m02.0^s$ $52°41'54''$ (B1950)
$08^h19^m47.8^s$ $52°32'27''$ (J2000)
ℓ: 166.03 b: 34.44

DATE: 1979/277 - 1979/277
LIVETIME: 4064.2s
ROLL ANGLE: -112.3°

NH: 4.3E+20
REF/ID:
FIELD FLAGS:

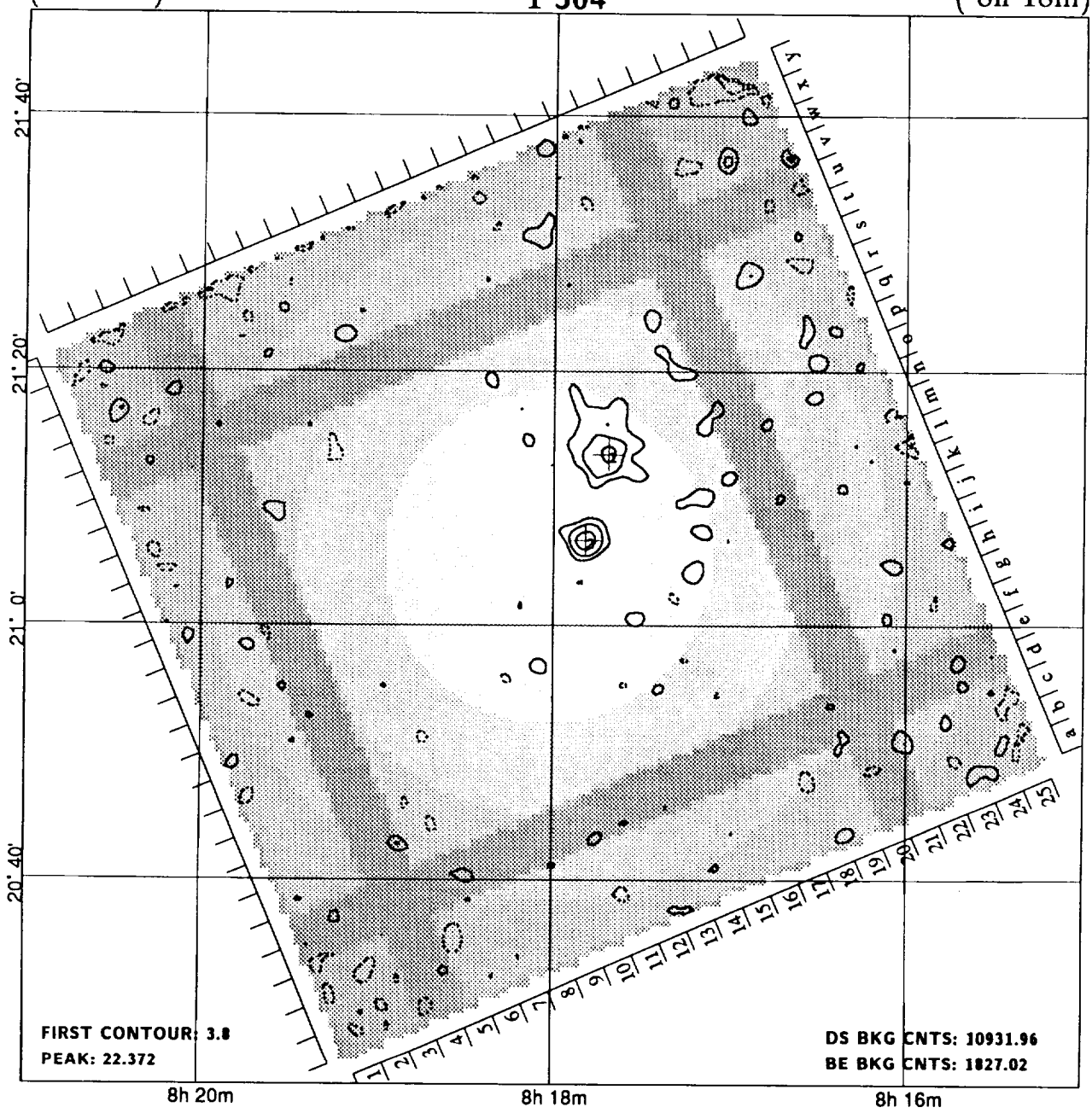
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1963	1	08 15 47.9	52 33 32	43	0.0089	0.0022	24.8	14.2	4.0	0.8	0	8.4	H	
1966	2	08 17 12.0	52 29 22	53	0.0103	0.0026	24.3	12.7	4.0	0.9	0	16.4		



X-RAY STUDY OF SUPERNOVA REMNANTS: G260.4-3.4=PUPPIS A

FIELD CENTER:	$08^h17^m00.9^s$ -43°07'58" (B1950)	**DATE:** 1980/157 - 1980/158	**NH:** 5.1E+21
	$08^h18^m42.9^s$ -43°17'25" (J2000)	**LIVETIME:** 4075.1s	**REF/ID:**
	ℓ: 260.28 b: -4.12	**ROLL ANGLE:** 45.8°	**FIELD FLAGS:** DLST

(8h 18m) **I 304** (8h 18m)



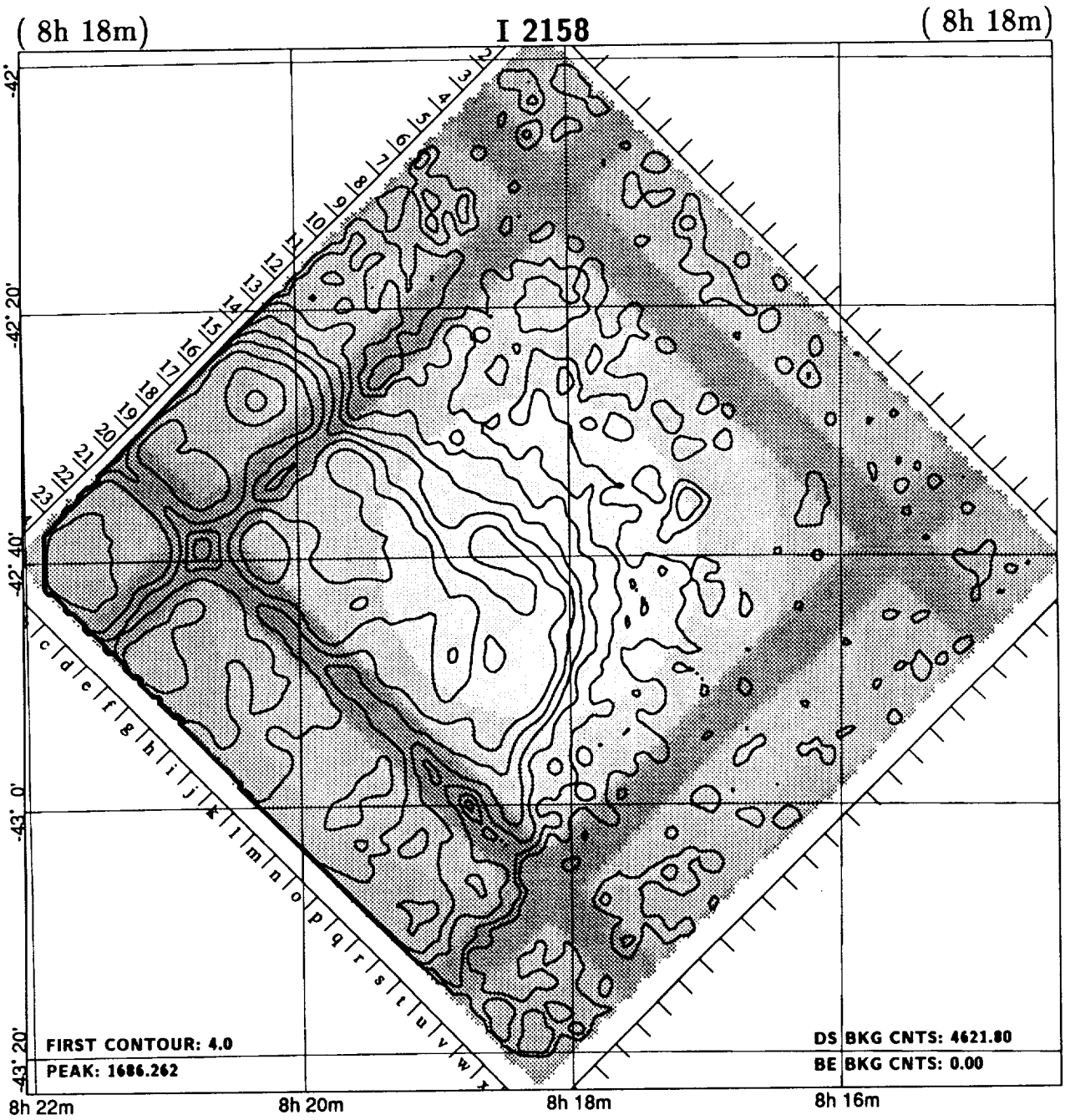
CANCER CLUSTERS WITH WELL STUDIED OPTICAL PROPERTIES

FIELD CENTER: $08^h18^m00.0^s$ $21°05'59''$ (B1950)
$08^h20^m54.8^s$ $20°56'27''$ (J2000)
ℓ: 202.69 b: 28.64

DATE: 1979/295 - 1979/296
LIVETIME: 8858.5s
ROLL ANGLE: -113.0°

NH: 4.4E+20
REF/ID:
FIELD FLAGS:

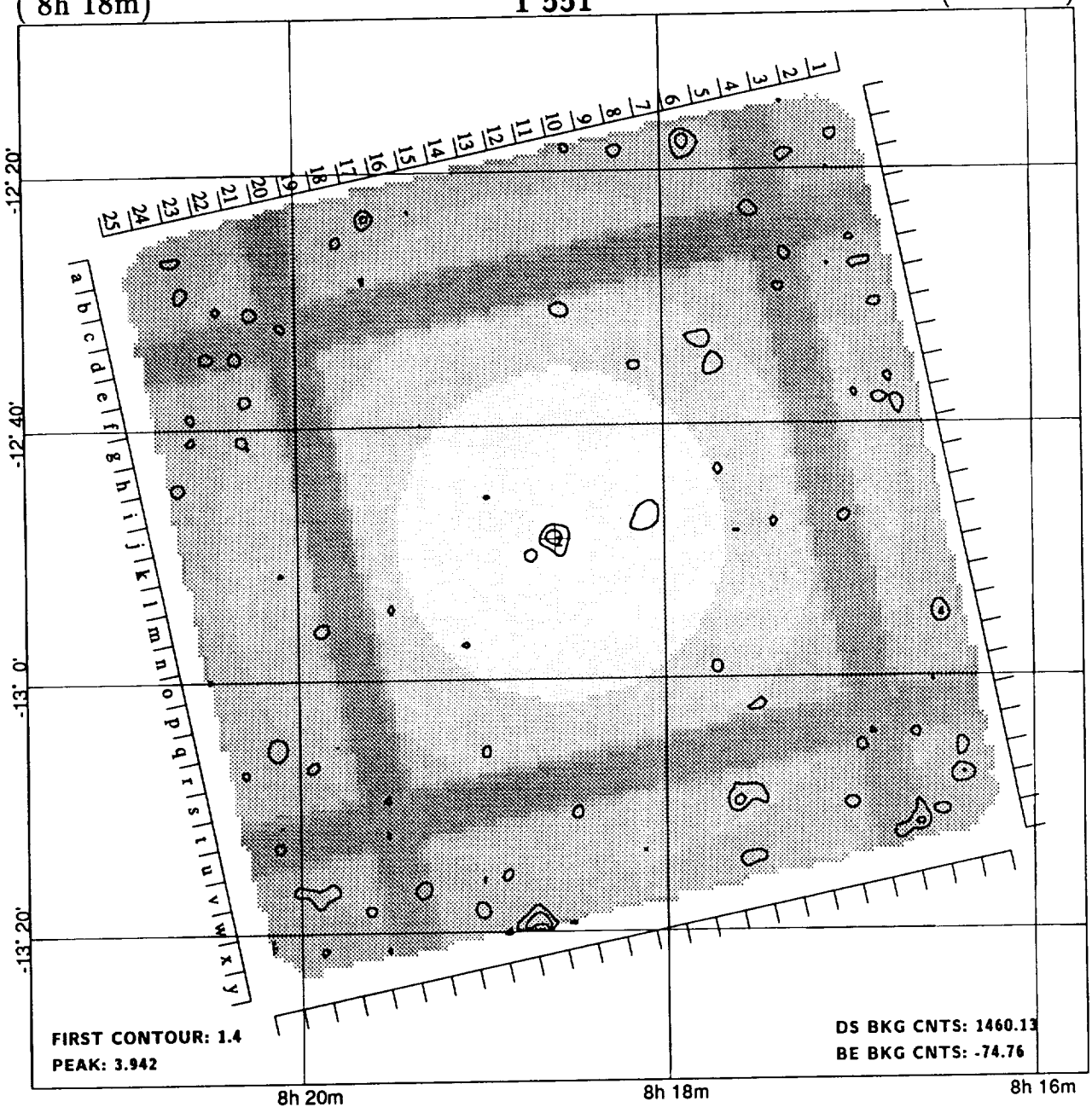
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1967	1	08 17 41.3	21 13 27	41	0.0120	0.0017	71.3	28.7	7.1	2.3	0	9.1	H	G
1968	2	08 17 49.1	21 06 39	32	0.0137	0.0017	88.1	32.9	8.0	1.0	0	2.6	H	



X-RAY STUDY OF SUPERNOVA REMNANTS: G260.4-3.4=PUPPIS A

FIELD CENTER:	$08^h18^m12.9^s$ -42°40'58" (B1950)	DATE: 1980/158 - 1980/158	NH: 6.2E+21
	$08^h19^m55.8^s$ -42°50'30" (J2000)	LIVETIME: 3745.2s	REF/ID:
	ℓ: 260.04 b: -3.69	ROLL ANGLE: 45.5°	FIELD FLAGS: DLST

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OJ 131 QUASAR SURVEY

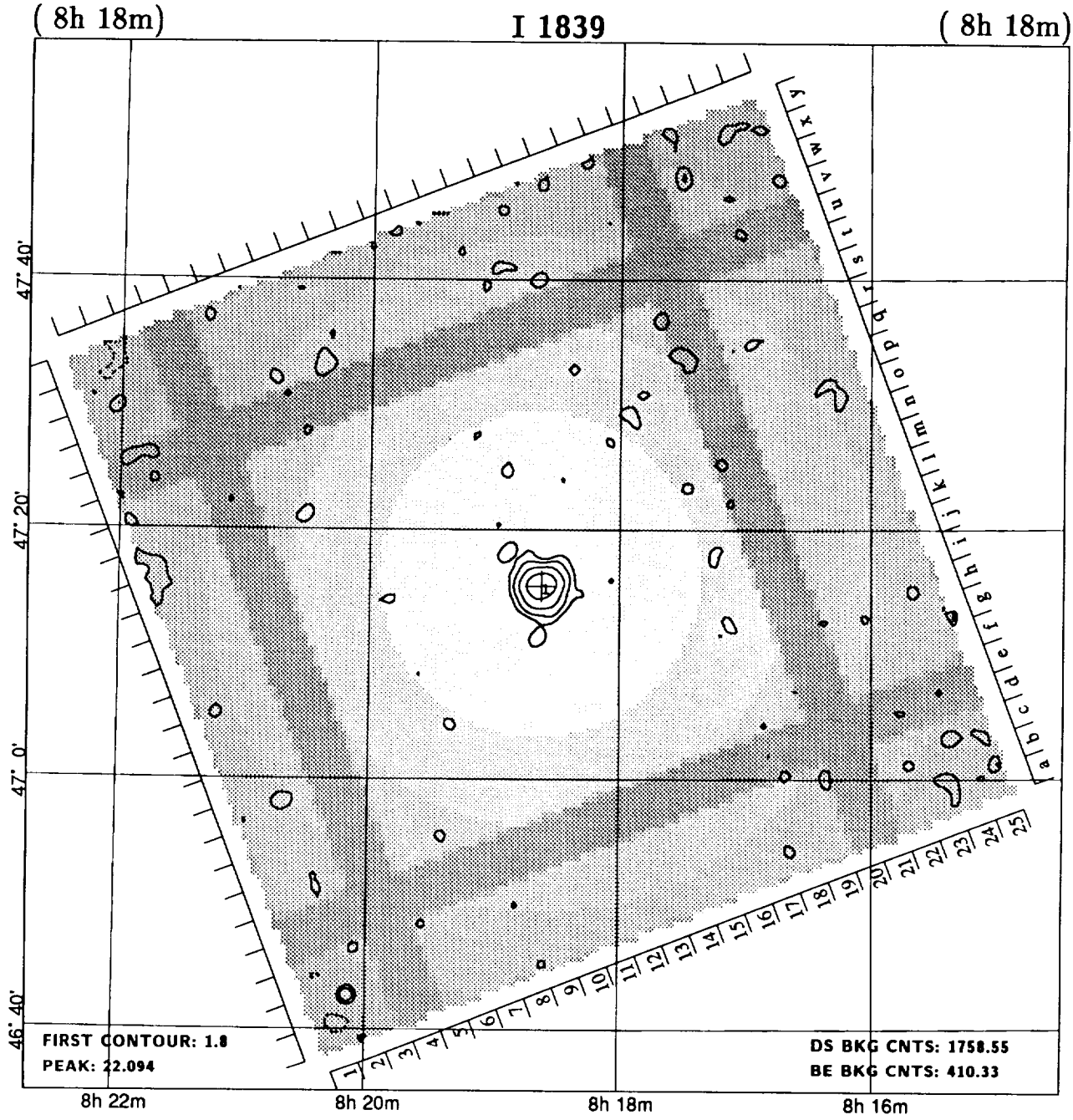
FIELD CENTER: $08^h18^m36.0^s$ $-12°49'48''$ (B1950)
$08^h20^m57.2^s$ $-12°59'22''$ (J2000)
ℓ: 235.21 b: 13.16

DATE: 1979/119 - 1979/119
LIVETIME: 1183.2s
ROLL ANGLE: 78.3°

NH: 7.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1969	1	08 18 35.8	-12 48 55	41	0.0187	0.0051	16.5	3.5	3.7	0.7	0	0.9	H	

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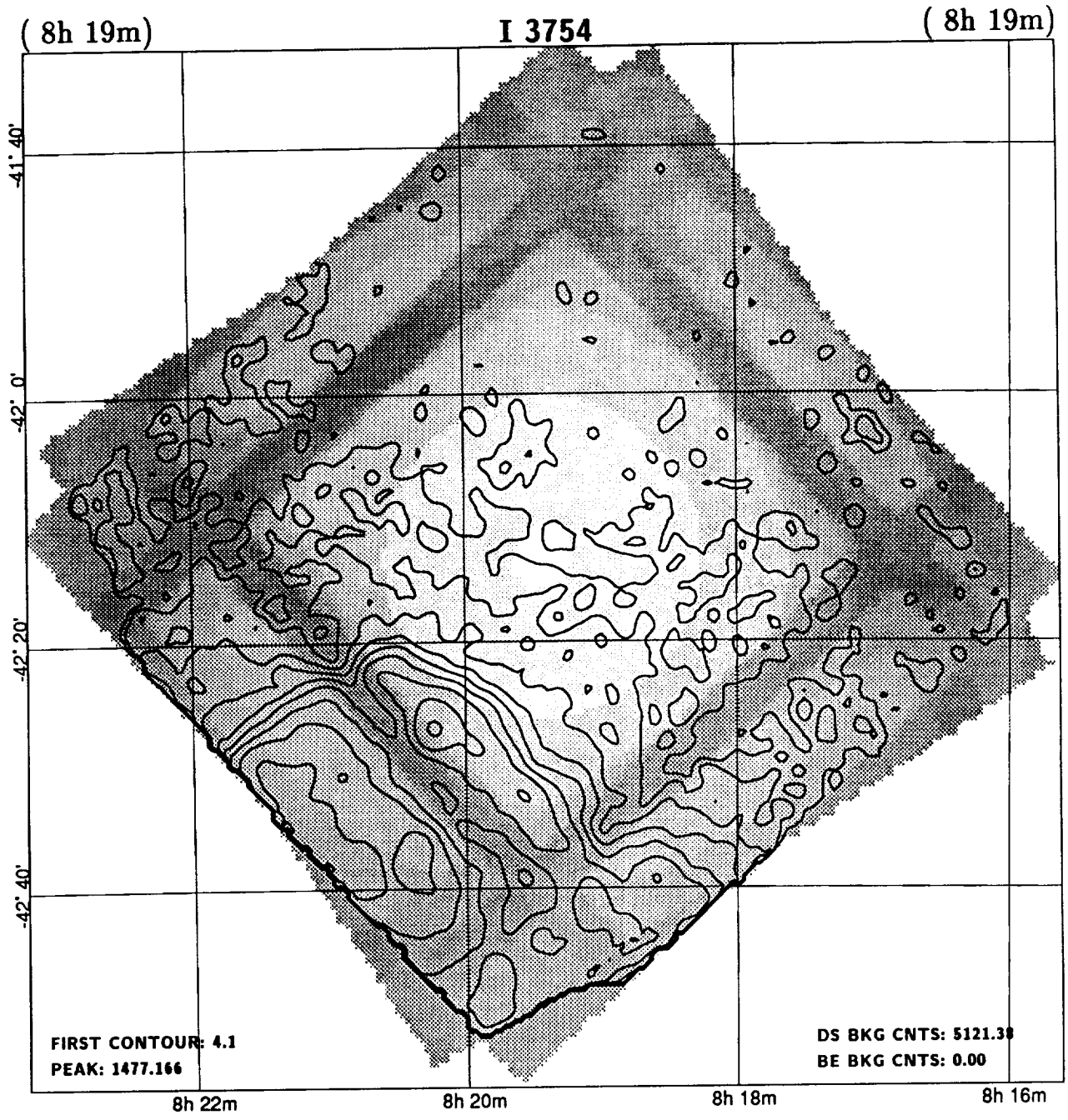
A646: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: $08^h18^m36.0^s$ $47°16'59''$ (B1950)
$08^h22^m08.8^s$ $47°07'23''$ (J2000)
ℓ: 172.62 b: 34.58

DATE: 1979/278 - 1979/278
LIVETIME: 1425.0s
ROLL ANGLE: -111.0°

NH: 4.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1970	1	08 18 37.6	47 15 32	31	0.106	0.010	112.5	5.5	10.4	1.5	0	1.3	H	CLG



PUPPIS A SUPERNOVA REMNANT

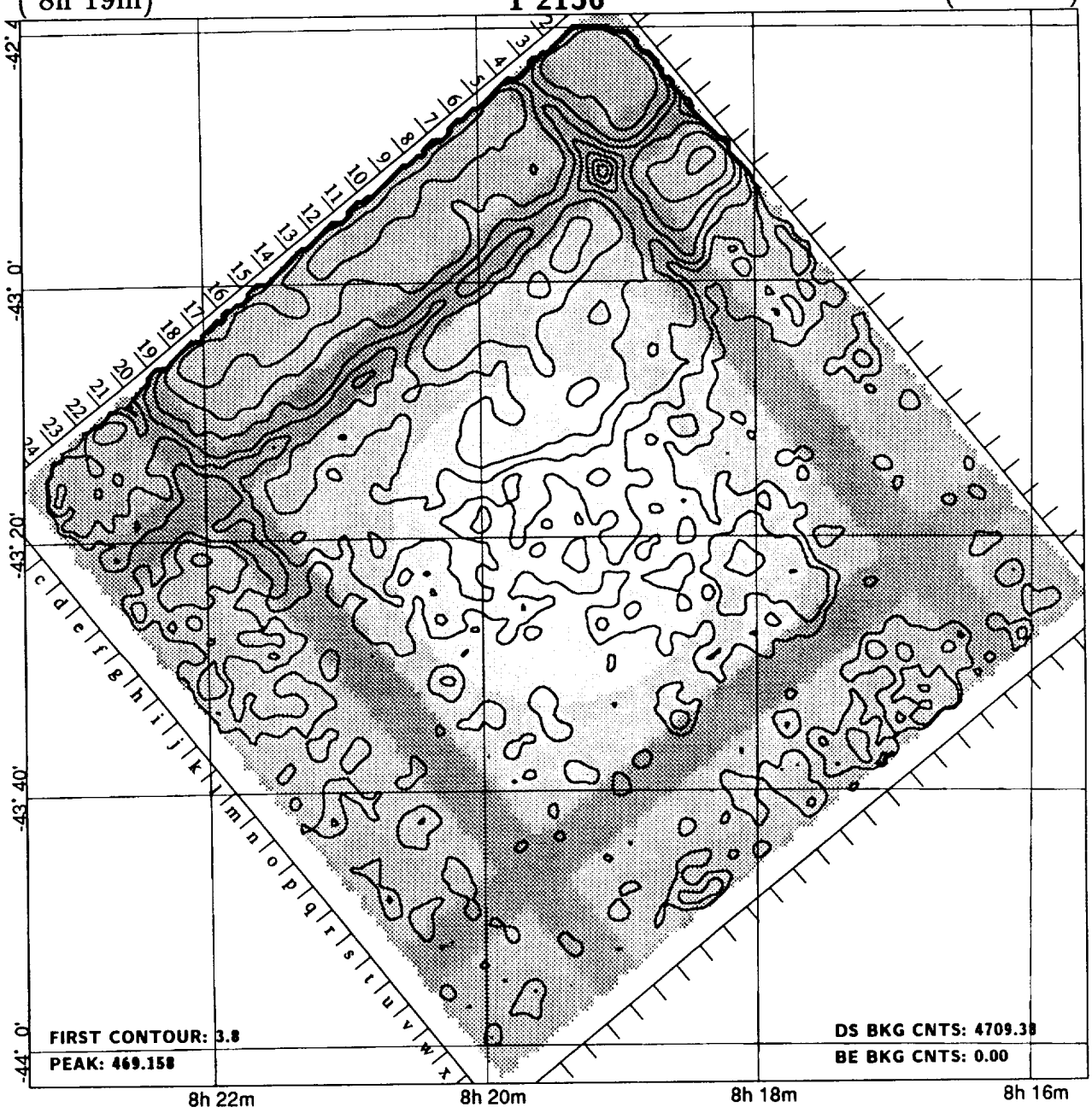
FIELD CENTER: $08^h19^m25.0^s$ -42°13'59" (B1950)
$08^h21^m08.9^s$ -42°23'35" (J2000)
ℓ: 259.79 b: -3.25

DATE: 1980/152 - 1980/152
LIVETIME: 4150.1s

NH: 6.3E+21
REF/ID:
FIELD FLAGS: DLST

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(8h 19m) **I 2156** (8h 19m)



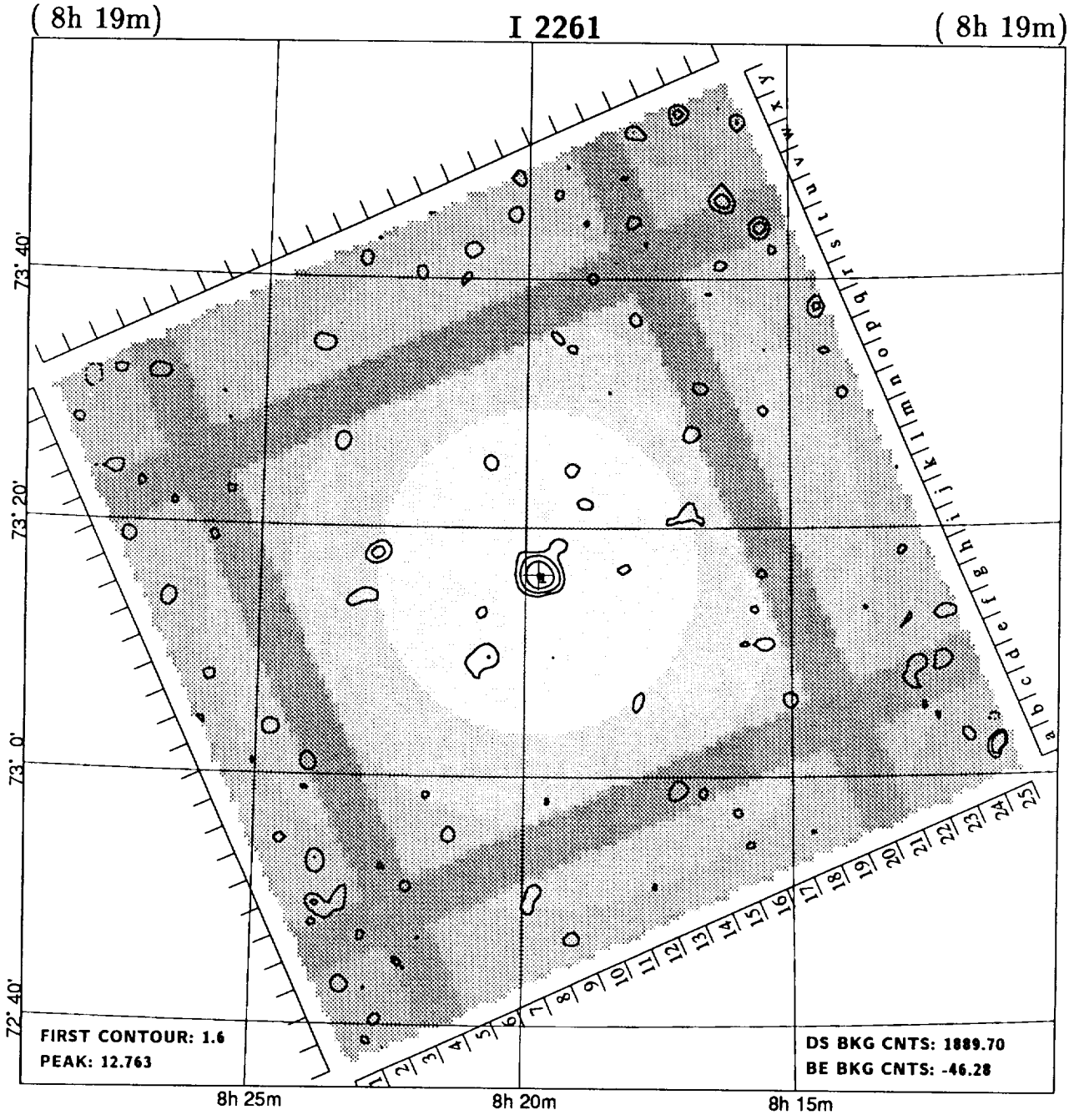
X-RAY STUDY OF SUPERNOVA REMNANTS: G260.4-3.4=PUPPIS A

FIELD CENTER: $08^h19^m28.1^s$ $-43°20'59''$ (B1950)
$08^h21^m10.0^s$ $-43°30'35''$ (J2000)
ℓ: 260.72 b: -3.88

DATE: 1980/152 - 1980/152
LIVETIME: 3816.2s
ROLL ANGLE: 51.0°

NH: 5.5E+21
REF/ID:
FIELD FLAGS: DLST

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STELLAR SURVEY-CATACLYSMIC VARIABLES: Z CAM

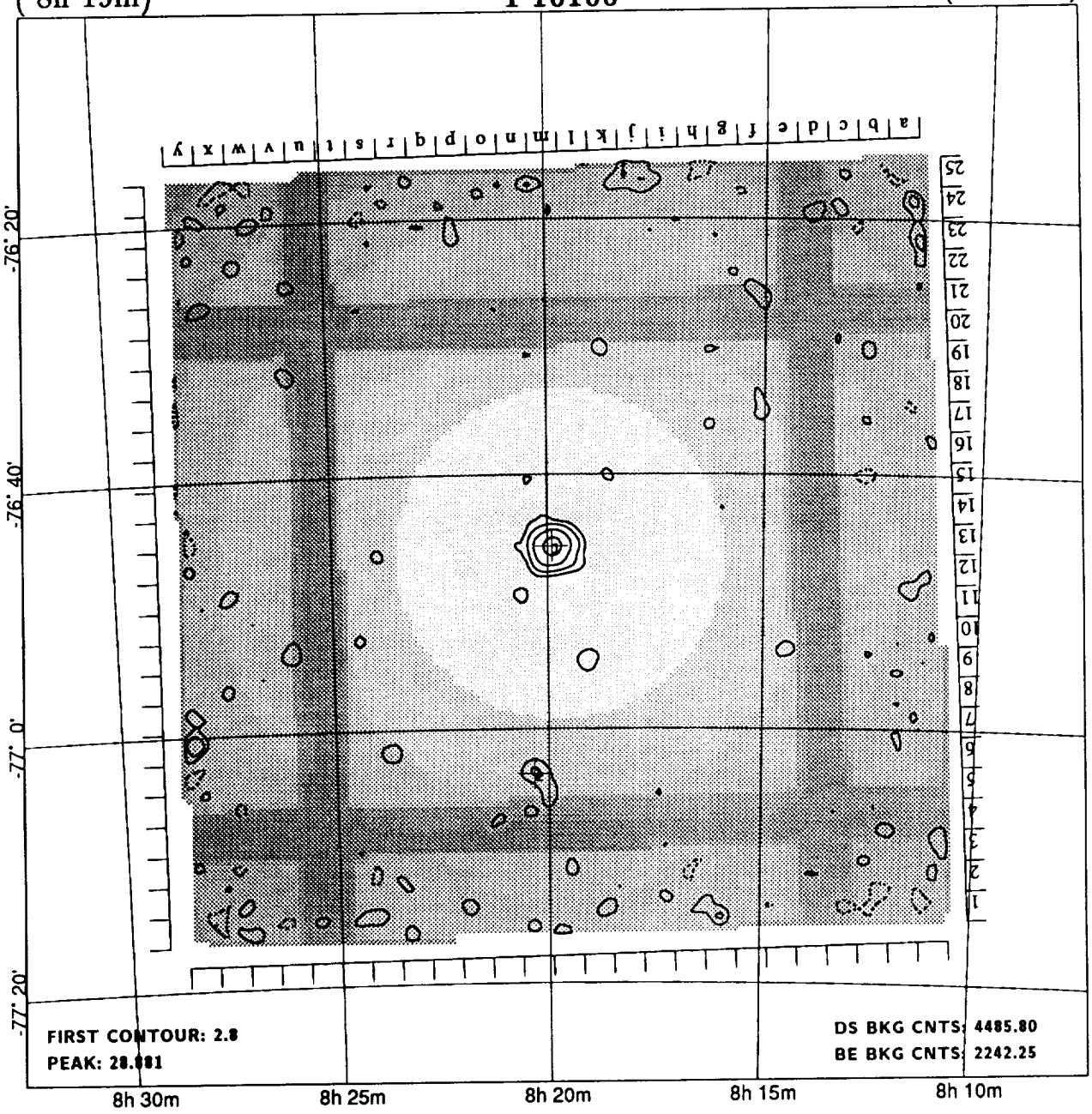
FIELD CENTER: $08^h19^m42.0^s$ $73°16'59''$ (B1950)
$08^h25^m15.6^s$ $73°07'15''$ (J2000)
ℓ: 141.37 b: 32.63

DATE: 1979/278 - 1979/278
LIVETIME: 1531.3s
ROLL ANGLE: -114.3°

NH: 2.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1972	1	08 19 45.3	73 16 15	35	0.0504	0.0069	57.6	4.4	7.3	1.1	0	0.7	H	CV

(8h 19m) **I 10100** (8h 19m)



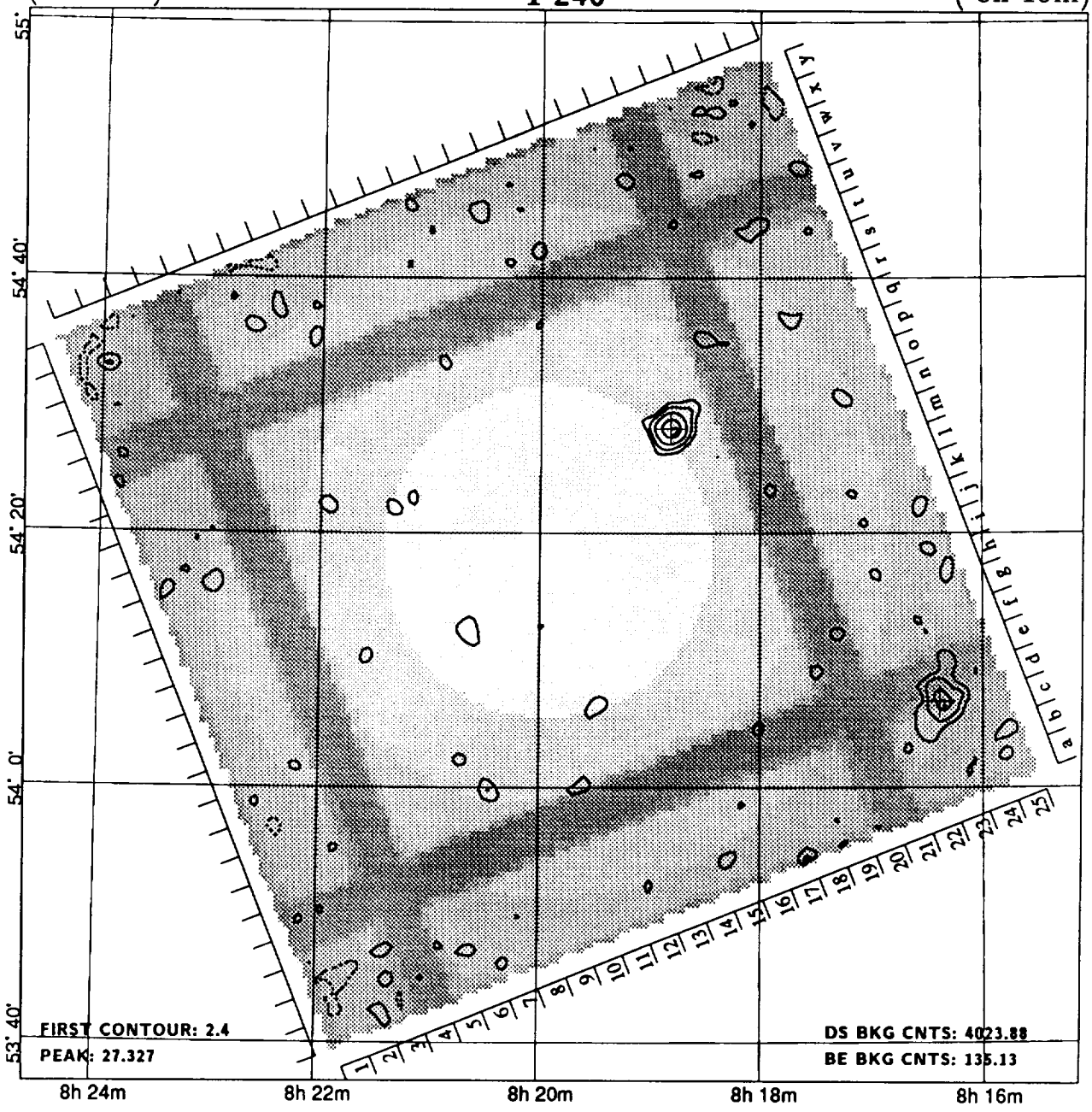
ALP CHA,HERTZSPRUNG GAP AND RELATED STARS

FIELD CENTER: $08^h19^m51.1^s$ -76°45′43″ (B1950)
$08^h18^m30.0^s$ -76°55′15″ (J2000)
ℓ: 289.86 b: -21.68

DATE: 1981/ 28 - 1981/ 28
LIVETIME: 3634.9s
ROLL ANGLE: 178.5°

NH: 1.1E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1973	1	08 19 53.7	-76 45 37	31	0.0450	0.0044	121.8	18.2	10.3	1.3	0	0.2	H	
1975	2	08 20 20.3	-77 03 33	56	0.0096	0.0027	19.3	10.7	3.5	1.0	0	17.6	H	



C 0819+54 CLUSTER EVOLUTION

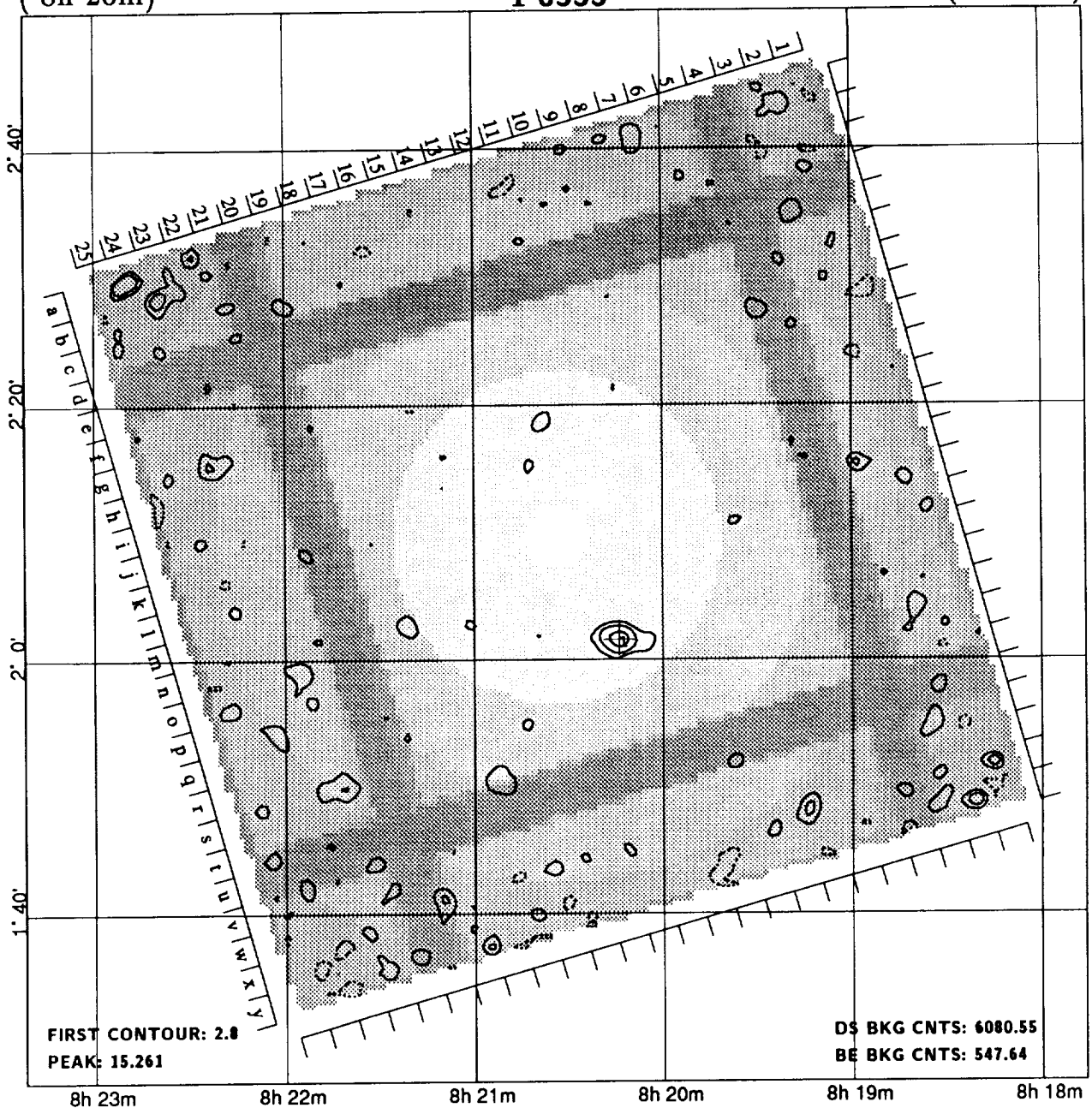
FIELD CENTER: $08^h19^m53.0^s$ $54°18'59''$ (B1950)
$08^h23^m42.3^s$ $54°09'18''$ (J2000)
ℓ: 164.07 b: 35.02

DATE: 1979/279 - 1979/280
LIVETIME: 3260.7s
ROLL ANGLE: -111.6°

NH: 4.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1965	1	08 16 23.1	54 06 42	55	*0.0198	0.0050	19.2	4.8	3.9	1.5	1007	32.8	H	
1971	2	08 18 48.8	54 28 12	38	0.0434	0.0049	86.9	8.1	8.9	1.0	0	13.2	H	

(8h 20m) **I 8355** (8h 20m)



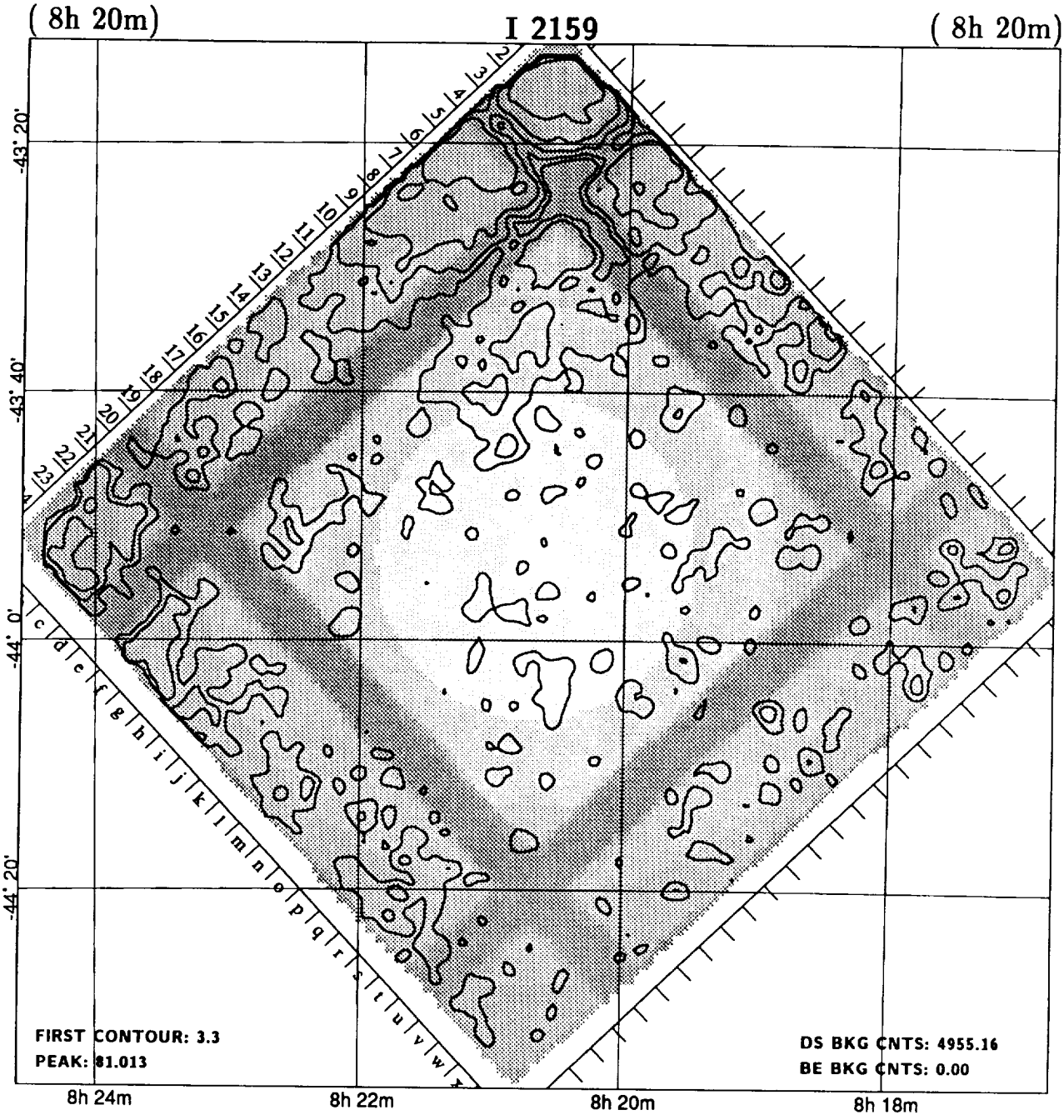
BINARY PULSAR PSR 0820+02

FIELD CENTER: $08^h20^m34.0^s$ $02°08'54''$ (B1950)
$08^h23^m09.7^s$ $01°59'13''$ (J2000)
ℓ: 221.99 b: 21.25

DATE: 1980/124 - 1980/125
LIVETIME: 5104.2s
ROLL ANGLE: 74.1°

NH: 4.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1974	1	08 20 13.9	02 01 36	41	0.0143	0.0023	49.0	16.0	6.1	1.0	0	8.8	H	



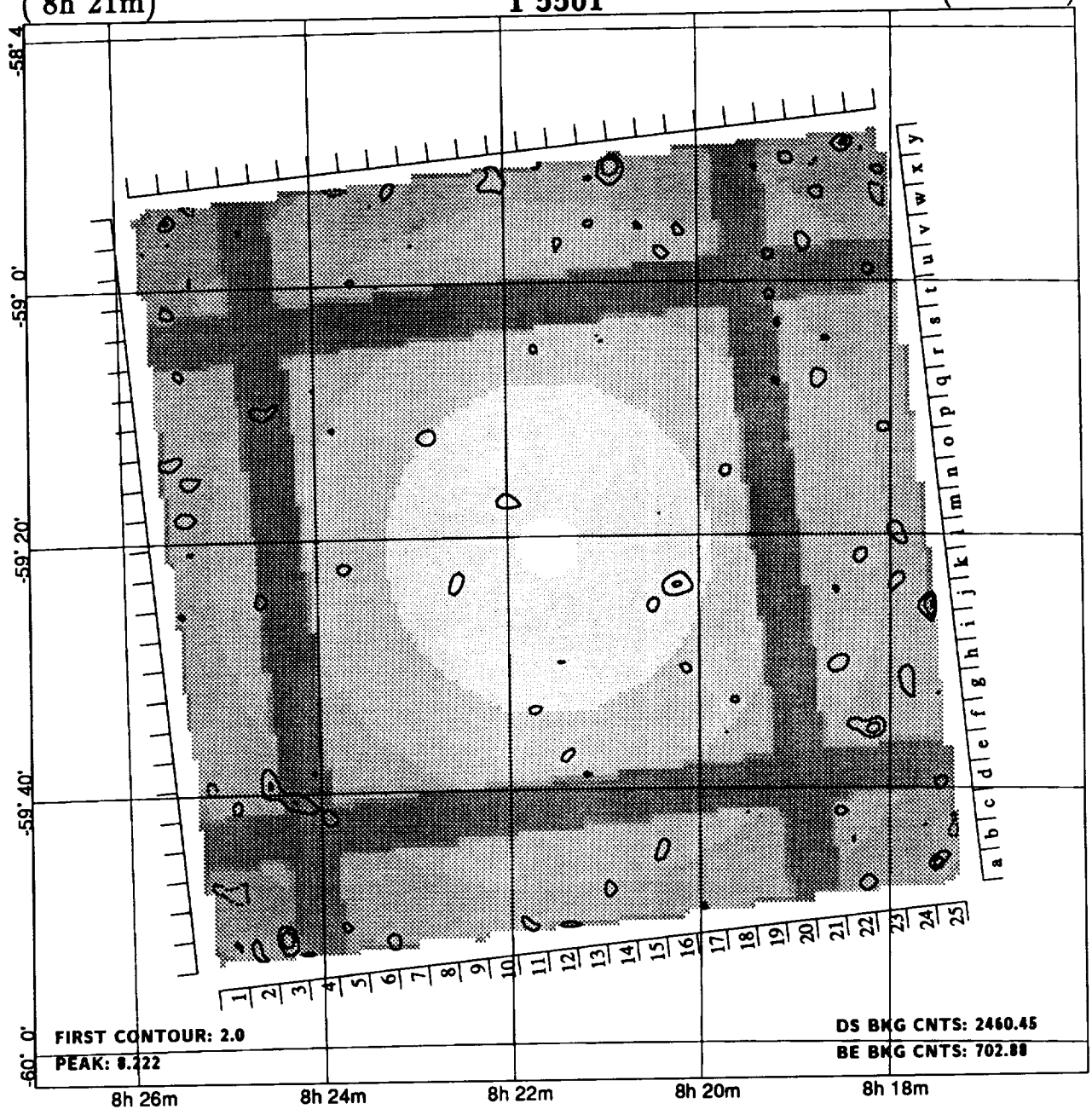
X-RAY STUDY OF SUPERNOVA REMNANTS: G260.4-3.4=PUPPIS A

FIELD CENTER: $08^h20^m40.1^s$ -43°53′59″ (B1950)
$08^h22^m21.2^s$ -44°03′40″ (J2000)
ℓ: 261.29 b: -4.01

DATE: 1980/157 - 1980/157
LIVETIME: 4015.3s
ROLL ANGLE: 46.7°

NH: 3.3E+21
REF/ID:
FIELD FLAGS: LS

(8h 21m) **I 5501** (8h 21m)

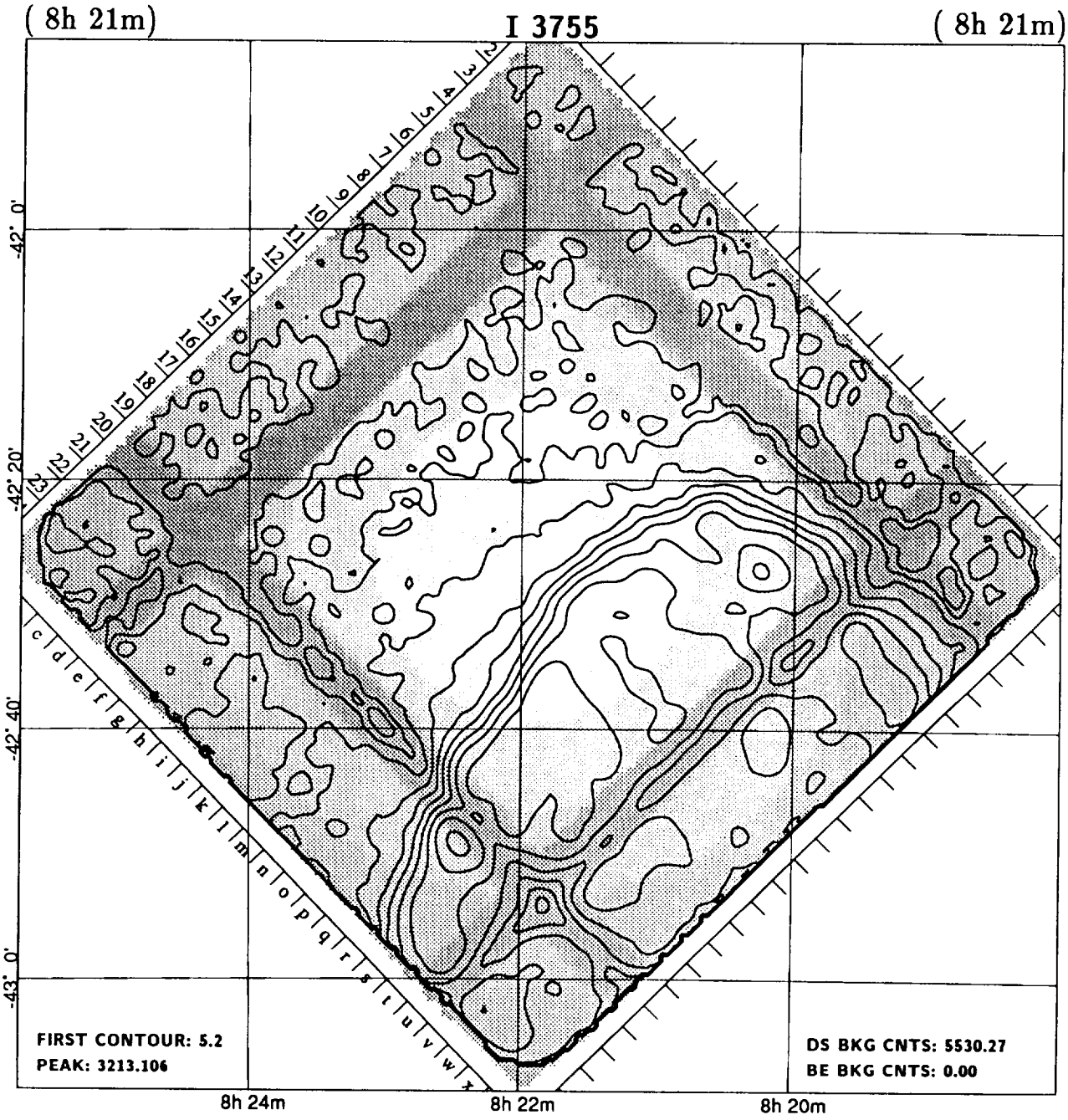


Epsil. CAR

FIELD CENTER: $08^h21^m29.4^s$ -59°20'52" (B1950)
$08^h22^m31.0^s$ -59°30'34" (J2000)
ℓ: 274.29 b: -12.60

DATE: 1979/303 - 1979/303
LIVETIME: 1993.8s
ROLL ANGLE: -95.9°

NH: 1.4E+21
REF/ID:
FIELD FLAGS:



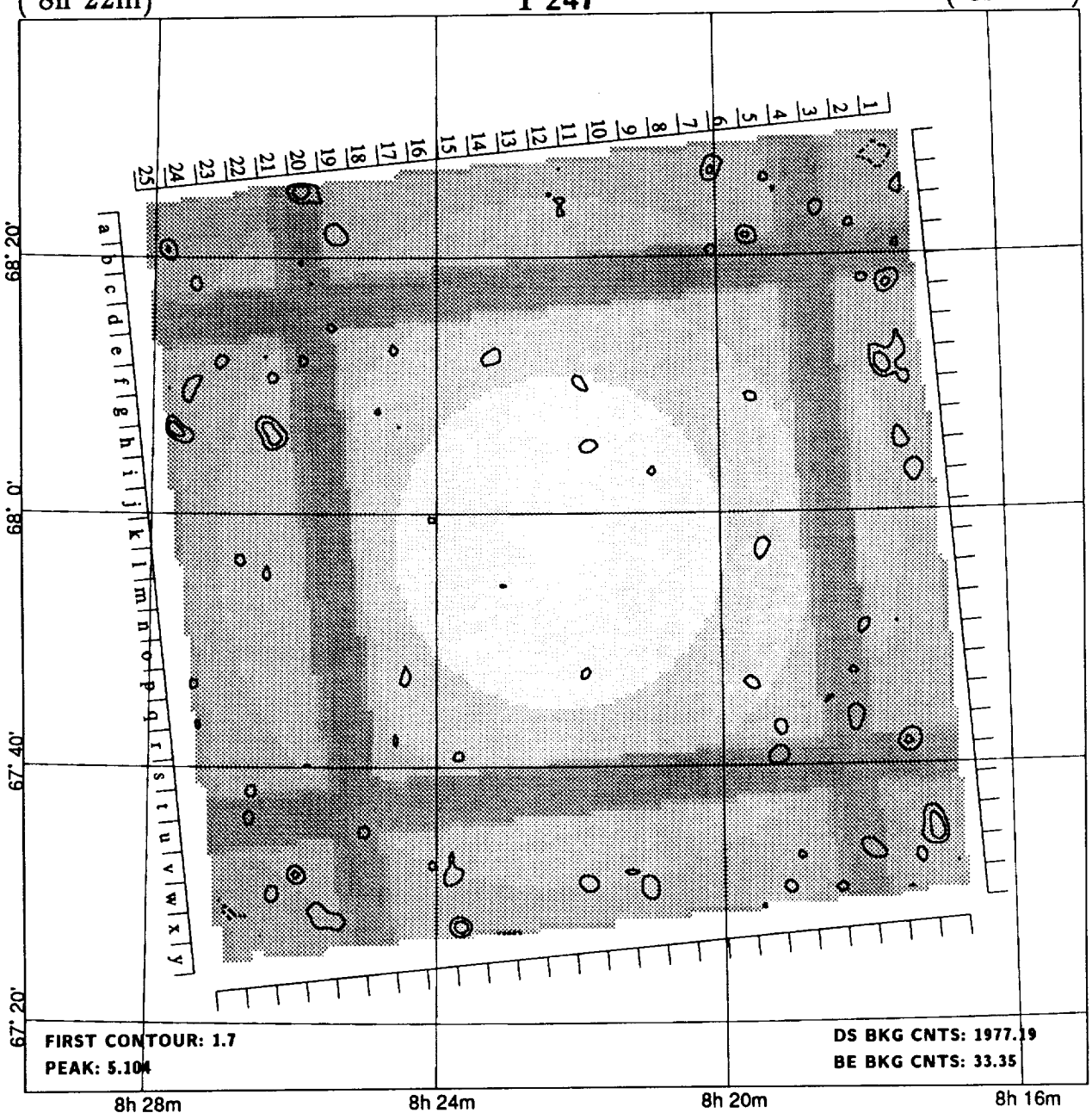
PUPPIS A SUPERNOVA REMNANT

FIELD CENTER: $08^h21^m52.0^s$ $-42°26'59''$ (B1950)
$08^h23^m35.9^s$ $-42°36'44''$ (J2000)
ℓ: 260.23 b: -3.00

DATE: 1980/159 - 1980/159
LIVETIME: 4481.4s
ROLL ANGLE: 45.7°

NH: 6.9E+21
REF/ID:
FIELD FLAGS: DLT

(8h 22m) I 247 (8h 22m)



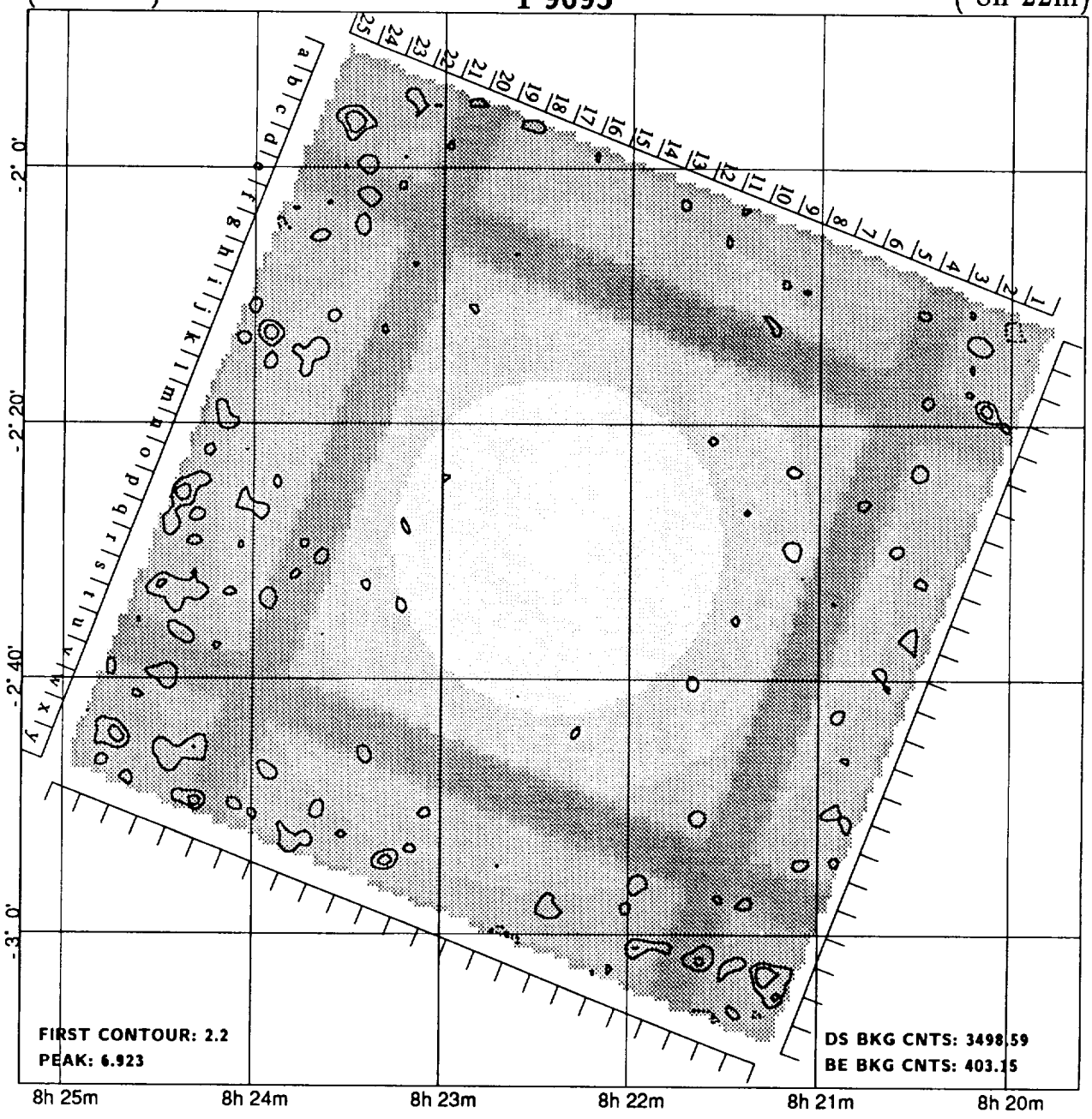
C 0822+67 CLUSTER EVOLUTION

FIELD CENTER: $08^h22^m21.0^s$ $67°56'59''$ (B1950)
$08^h27^m07.3^s$ $67°47'08''$ (J2000)
ℓ: 147.56 b: 33.96

DATE: 1979/119 - 1979/119
LIVETIME: 1602.2s
ROLL ANGLE: 84.7°

NH: 4.1E+20
REF/ID:
FIELD FLAGS:

(8h 22m) **I 9693** (8h 22m)

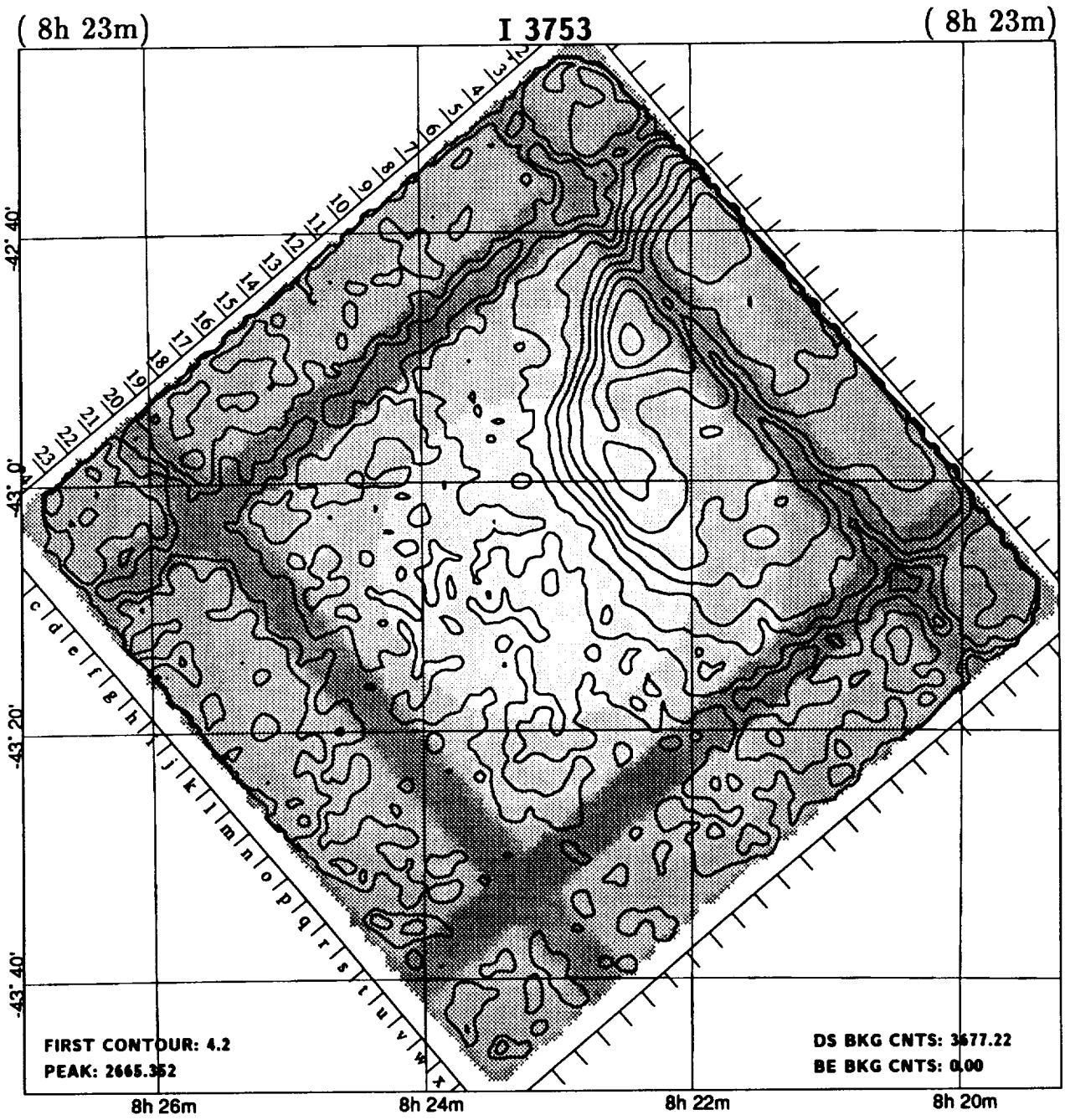


EMPTY FIELD (MISPOINT)

FIELD CENTER: $08^h22^m24.9^s$ $-02°29'52''$ (B1950)
$08^h24^m56.2^s$ $-02°39'40''$ (J2000)
ℓ: 226.54 b: 19.36

DATE: 1981/114 - 1981/114
LIVETIME: 2835.0s
ROLL ANGLE: 111.3°

NH: 5.1E+20
REF/ID:
FIELD FLAGS:

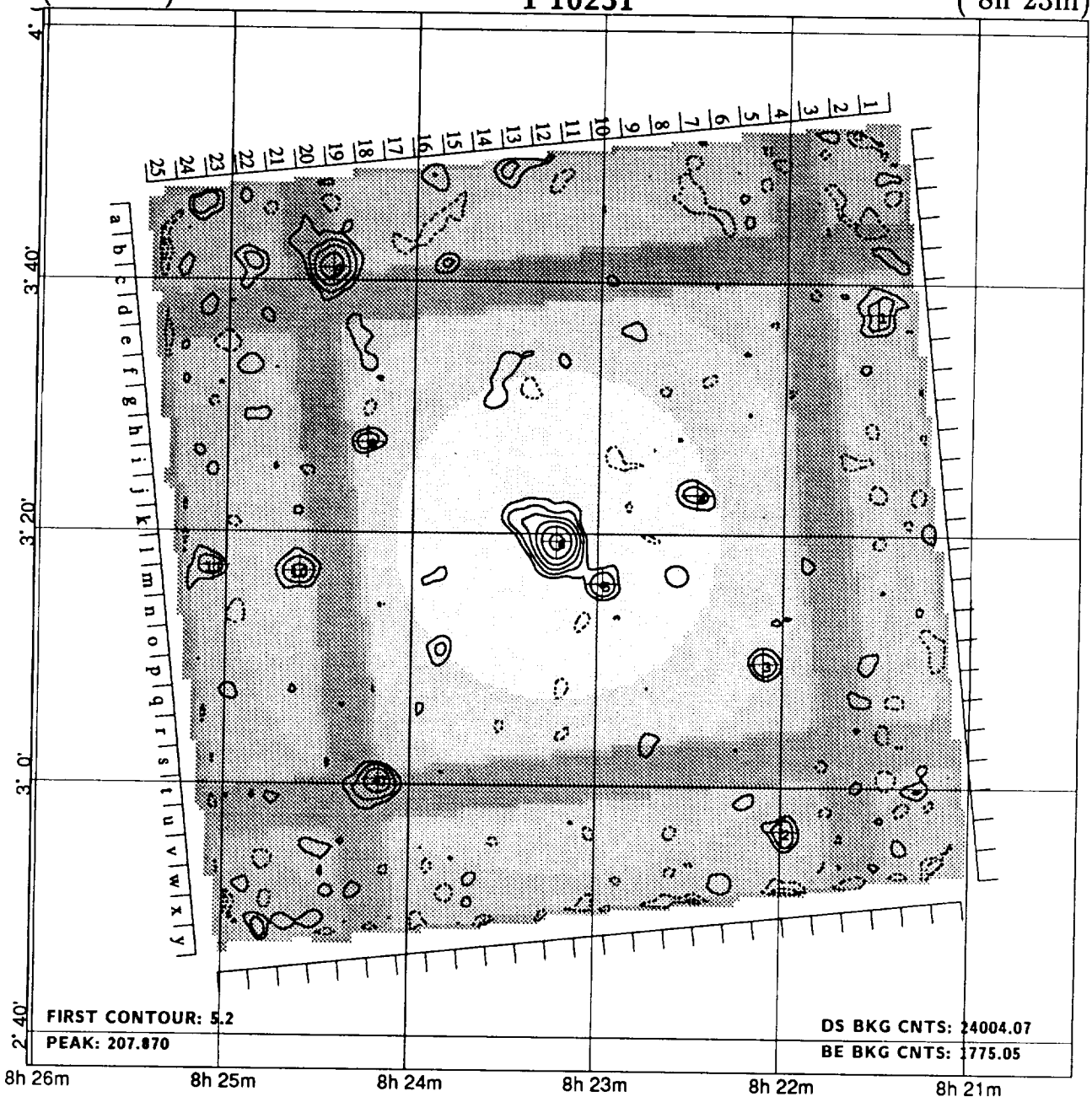


PUPPIS A SUPERNOVA REMNANT

FIELD CENTER: $08^h23^m07.0^s$ $-43°06'59''$ (B1950)
$08^h24^m49.9^s$ $-43°16'48''$ (J2000)
ℓ: 260.91 b: -3.20

DATE: 1980/154 - 1980/154
LIVETIME: 2979.8s
ROLL ANGLE: 49.9°

NH: 5.5E+21
REF/ID:
FIELD FLAGS: DLST



SUBSTITUTE TARGET 2/20/81,EXTENDED EMISSION IN BL LACS

FIELD CENTER: $08^h23^m13.5^s$ $03°19'17''$ (B1950)
$08^h25^m50.3^s$ $03°09'27''$ (J2000)
ℓ: 221.22 b: 22.39

DATE: 1981/ 89 - 1981/ 89
LIVETIME: 19451.1s
ROLL ANGLE: 84.0°

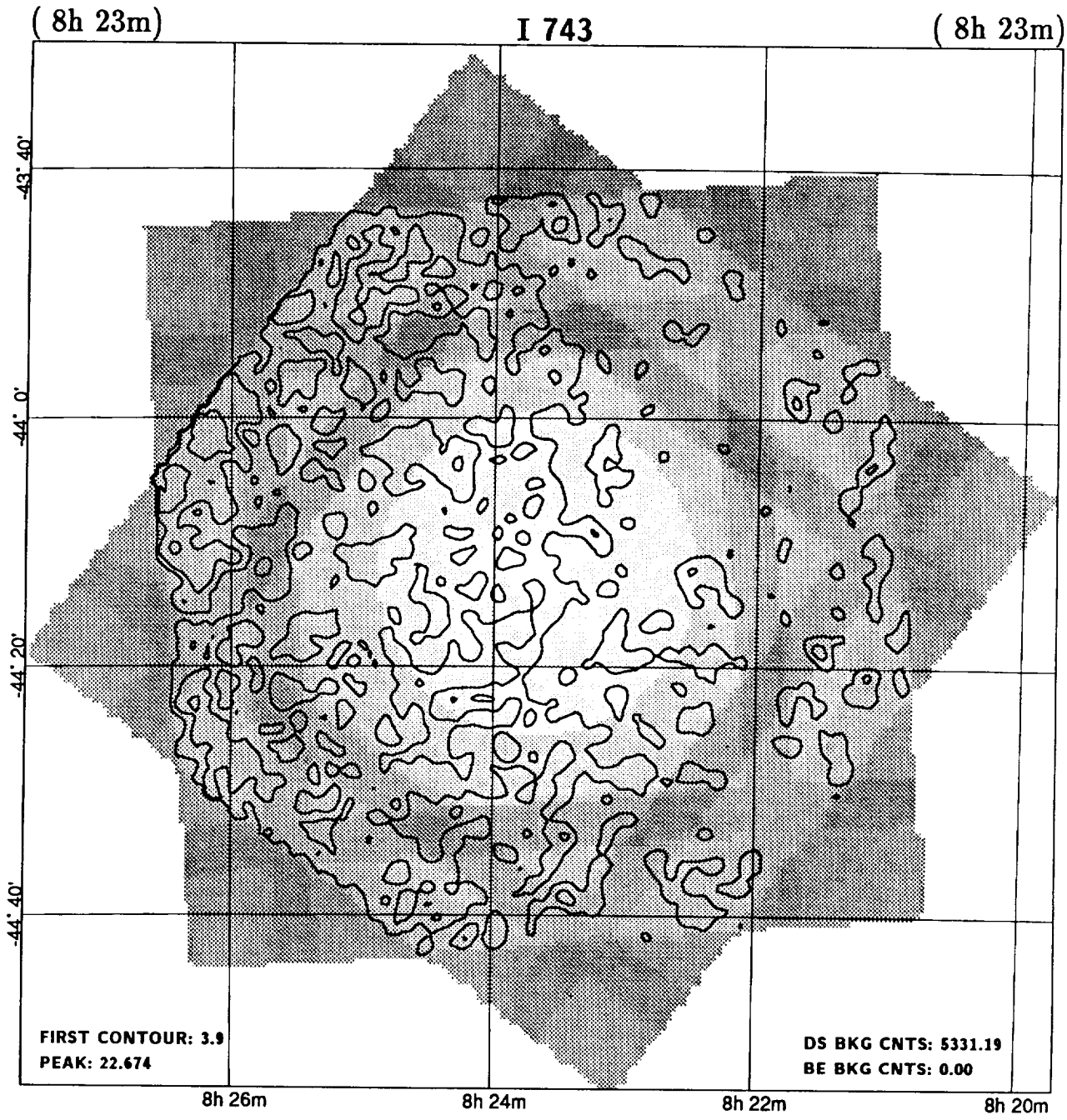
NH: 3.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1976	1	08 21 30.8	03 37 38	65	0.0053	0.0013	34.2	40.8	3.9	1.1	0	31.6	H	
1977	2	08 21 59.6	02 56 28	56	0.0056	0.0013	38.4	39.6	4.4	0.8	0	29.6		
1978	3	08 22 06.2	03 09 50	50	0.00497	0.00097	50.3	45.7	5.1	0.7	0	19.4		
1980	4	08 22 28.1	03 23 10	42	0.00473	0.00083	59.4	49.6	5.7	1.1	0	12.5		
1982	5	08 22 58.5	03 16 02	32	0.00534	0.00087	74.1	71.9	6.1	15.0	0	4.9		
1984	6	08 23 13.4	03 19 22	31	0.0594	0.0021	862.1	63.9	28.3	1.4	0	0.2	H	
1986	7	08 24 09.9	03 00 25	49	*0.0109	0.0013	93.8	33.2	8.3	1.1	1409	23.7		
1989	8	08 24 14.9	03 27 12	52	0.00401	0.00087	43.4	44.6	4.6	0.7	500	17.5		
1990	9	08 24 26.8	03 41 03	48	*0.0206	0.0018	152.9	32.1	11.2	1.3	1207	28.4	H	
1991	10	08 24 36.4	03 16 53	50	*0.0070	0.0011	67.0	39.0	6.5	0.9	603	20.8	H	

Source Table cont.

I 10231 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1992	11	08 25 03.9	03 17 15	57	0.0042	0.0011	31.1	40.9	3.7	0.9	0	27.7	H	



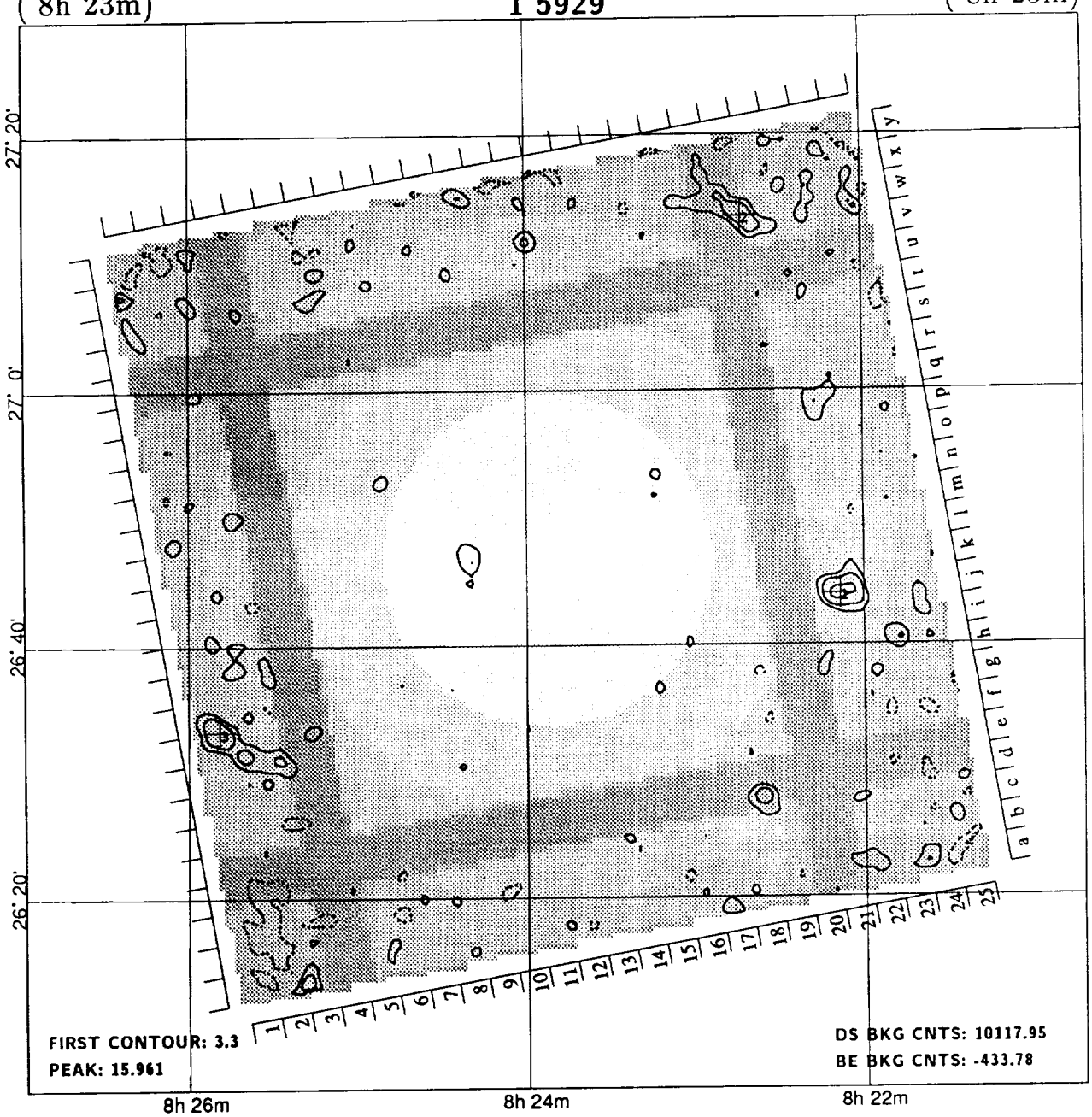
VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h23^m39.0^s$ -44°11'59" (B1950)
$08^h25^m20.1^s$ -44°21'50" (J2000)
ℓ: 261.85 b: -3.75

DATE: 1978/353 - 1979/298
LIVETIME: 4320.0s

NH: 3.5E+21
REF/ID: SNR
FIELD FLAGS: LS

(8h 23m) **I 5929** (8h 23m)



RADIO PULSAR PROJECT:

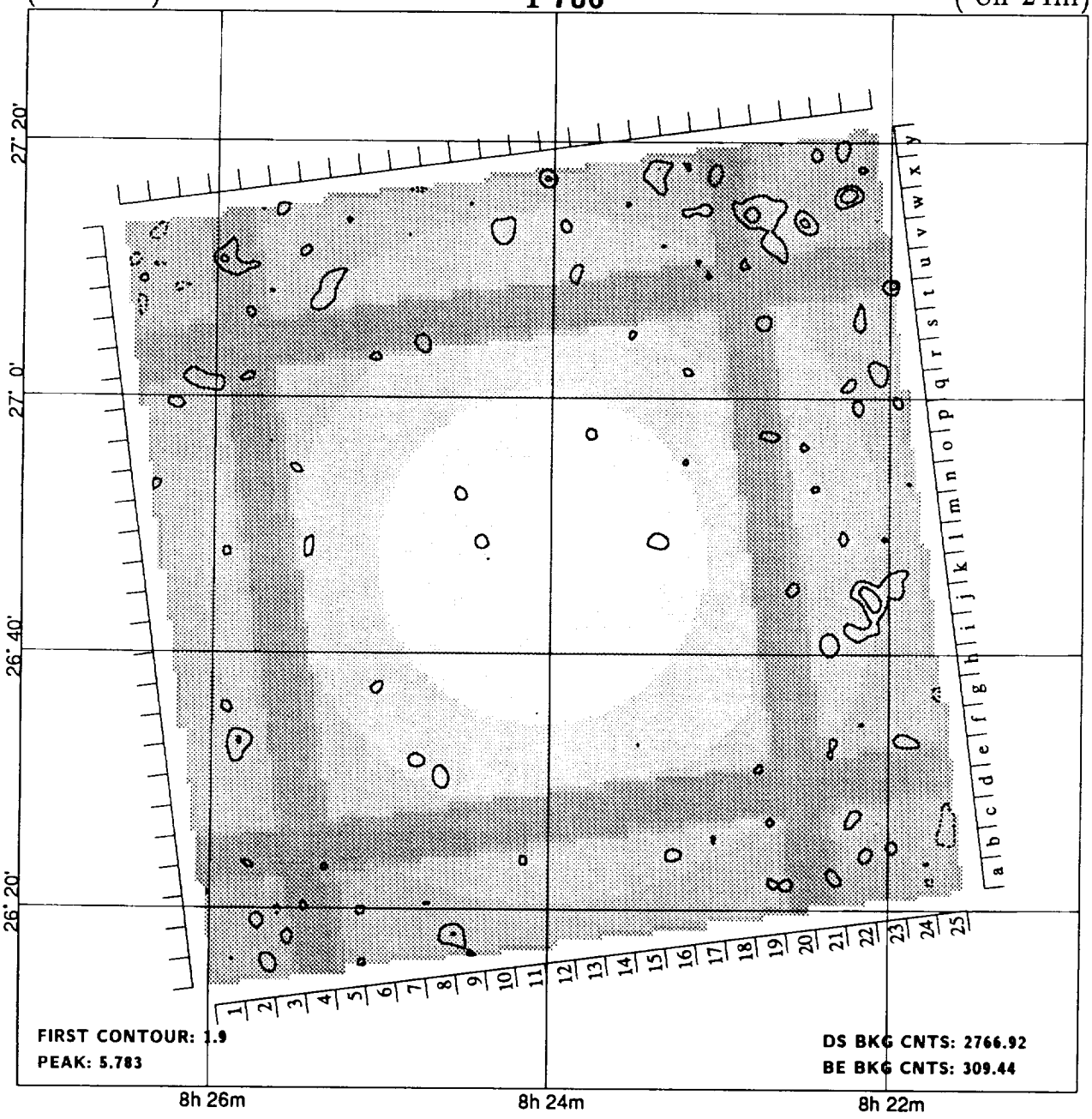
FIELD CENTER: $08^h23^m49.9^s$ $26°47'09''$ (B1950)
$08^h26^m50.7^s$ $26°37'16''$ (J2000)
ℓ: 196.96 b: 31.74

DATE: 1980/296 - 1980/297
LIVETIME: 8198.9s
ROLL ANGLE: -100.1°

NH: 3.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1979	1	08 22 08.4	26 44 01	51	0.0116	0.0021	43.5	16.5	5.6	1.2	100	22.7	H	
1981	2	08 22 42.8	27 13 37	61	*0.0083	0.0021	22.5	10.5	3.9	1.8	805	30.2	H	
1994	3	08 25 49.0	26 33 16	55	0.0101	0.0023	29.9	15.1	4.5	2.1	500	30.1	H	

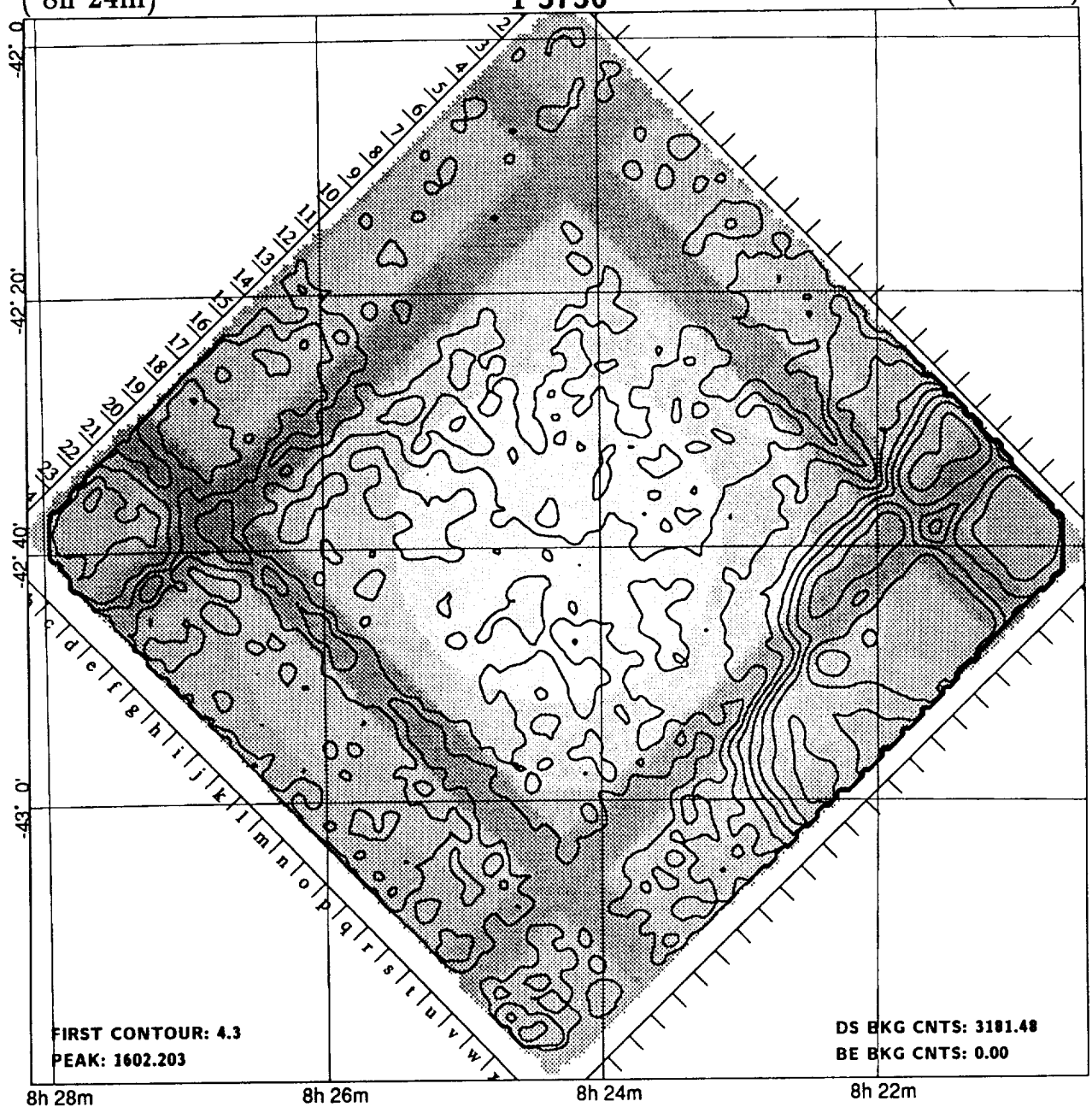
(8h 24m) **I 786** (8h 24m)



PSR 0823+26 RADIO PULSARS,SEARCH FOR X-RAY EMISSION

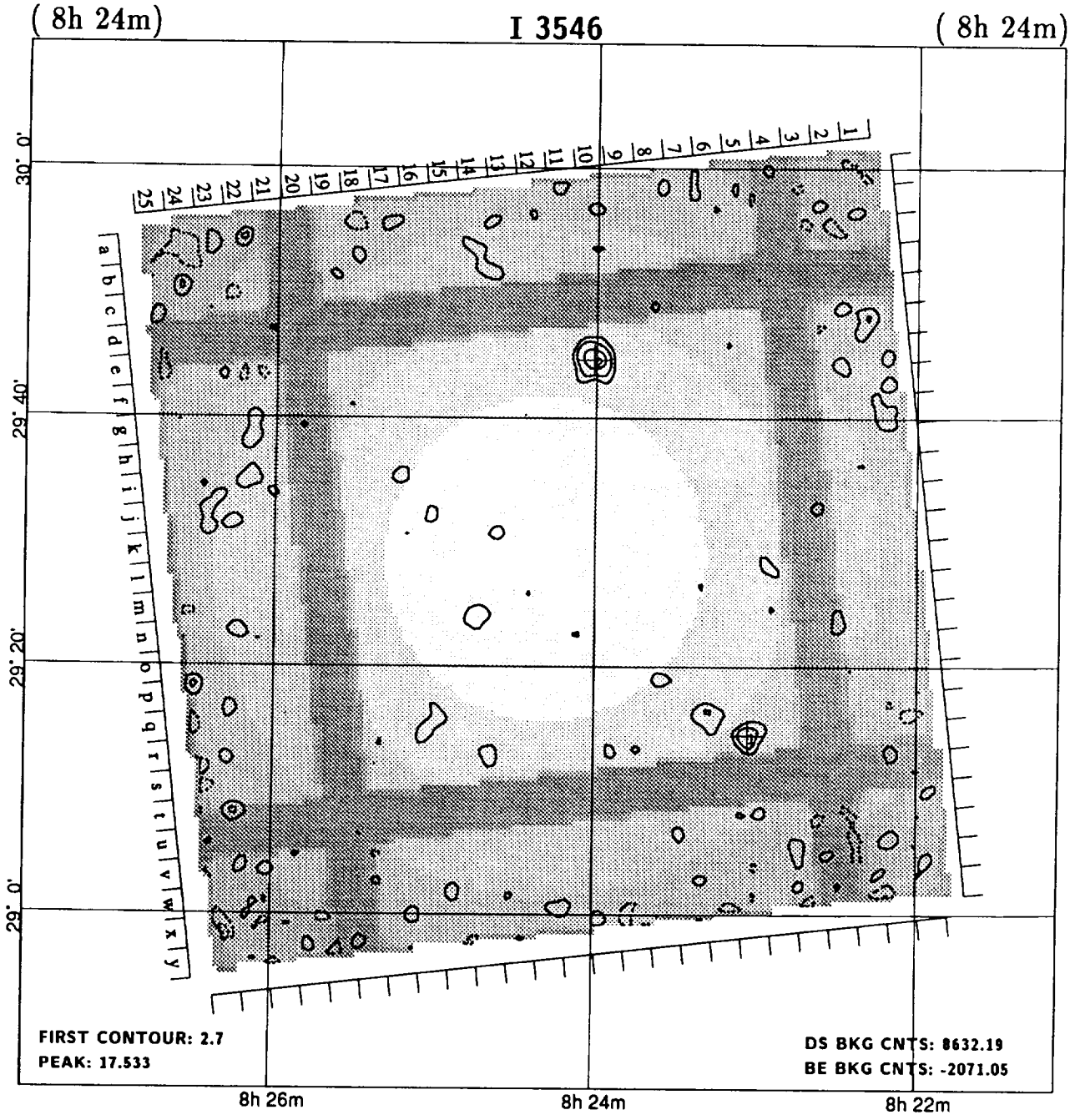
FIELD CENTER:	$08^h24^m00.0^s$ $26°47'59''$ (B1950)	**DATE:** 1979/296 - 1979/296	**NH:** 3.9E+20
	$08^h27^m00.8^s$ $26°38'05''$ (J2000)	**LIVETIME:** 2242.1s	**REF/ID:**
	ℓ: 196.96 b: 31.78	**ROLL ANGLE:** -97.4°	**FIELD FLAGS:**

(8h 24m) **I 3756** (8h 24m)



PUPPIS A SUPERNOVA REMNANT

FIELD CENTER:	$08^h24^m19.0^s$ -42°39′59″ (B1950)	**DATE:** 1980/159 - 1980/159	**NH:** 7.2E+21
	$08^h26^m02.9^s$ -42°49′53″ (J2000)	**LIVETIME:** 2578.0s	**REF/ID:**
	ℓ: 260.67 b: -2.76	**ROLL ANGLE:** 45.9°	**FIELD FLAGS:** DLT



3C 200, CLUSTER SPECTRA EVOLUTION

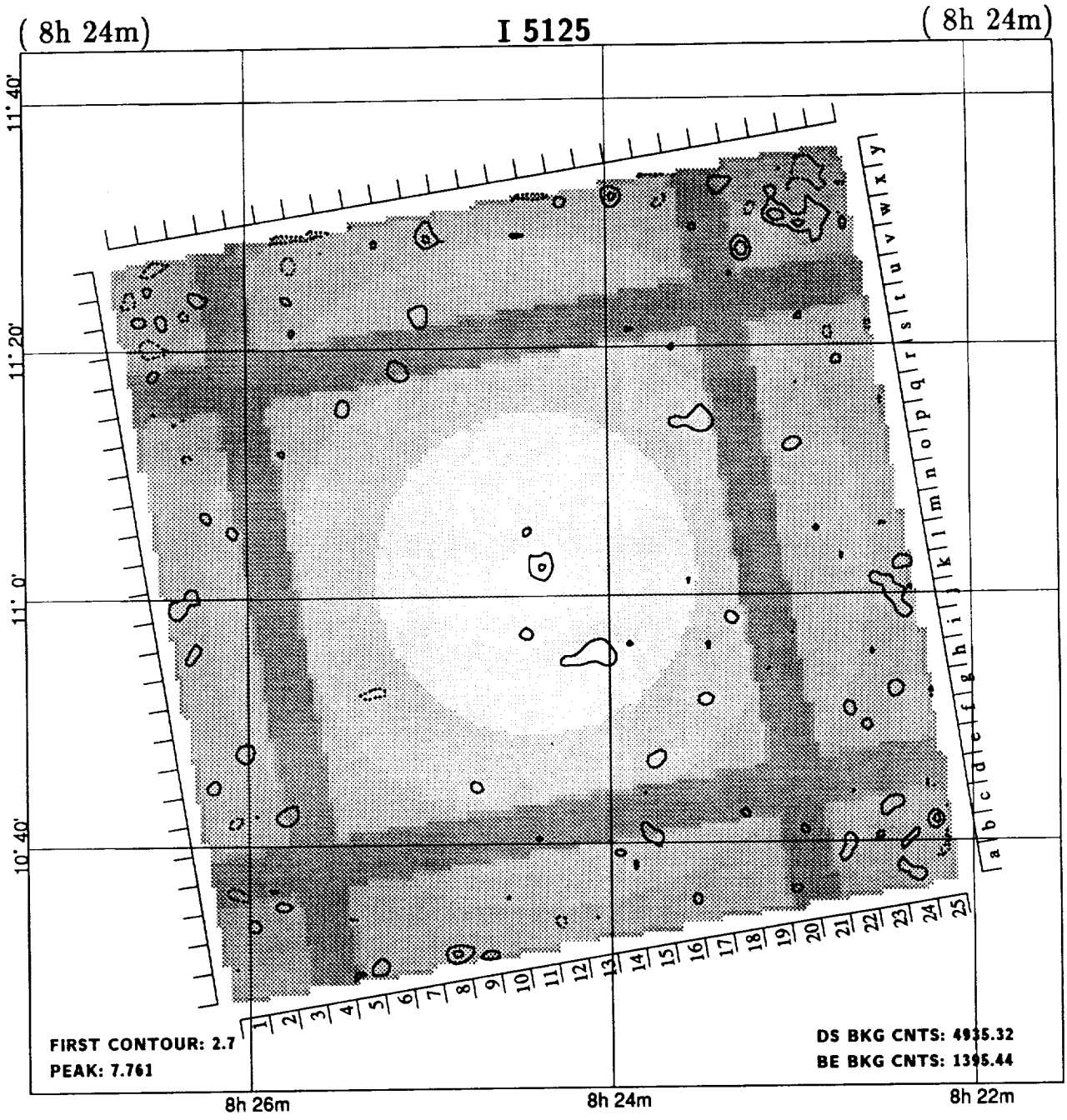
FIELD CENTER: $08^h24^m20.0^s$ $29°27'59''$ (B1950)
$08^h27^m24.0^s$ $29°18'04''$ (J2000)
ℓ: 193.96 b: 32.60

DATE: 1979/102 - 1979/102
LIVETIME: 6994.9s
ROLL ANGLE: 83.7°

NH: 3.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1983	1	08 23 02.5	29 14 28	55	0.0061	0.0017	20.6	10.4	3.7	0.7	500	21.6	H	
1985	2	08 24 00.9	29 44 39	50	0.0129	0.0020	51.4	13.6	6.4	1.0	0	17.2	H	

(8h 24m) **I 5125** (8h 24m)

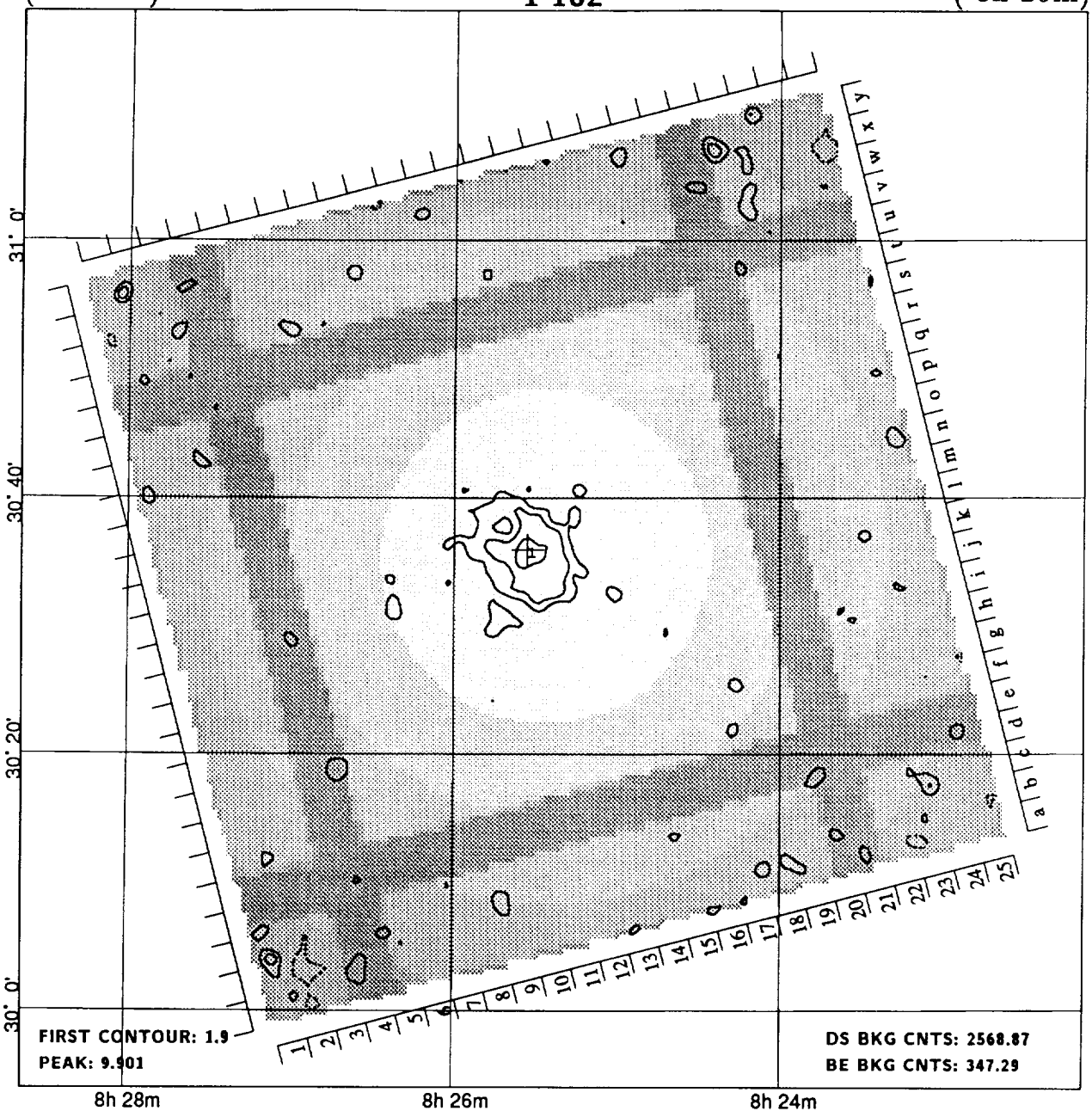


QSO MC5 0824+11

FIELD CENTER: $08^h24^m22.0^s$ 11°02′18″ (B1950)
$08^h27^m06.1^s$ 10°52′23″ (J2000)
ℓ: 213.80 b: 26.13

DATE: 1979/293 - 1979/293
LIVETIME: 3999.2s
ROLL ANGLE: -99.1°

NH: 3.6E+20
REF/ID: !
FIELD FLAGS:



A671 CLUSTER SURFACE BRIGHTNESS

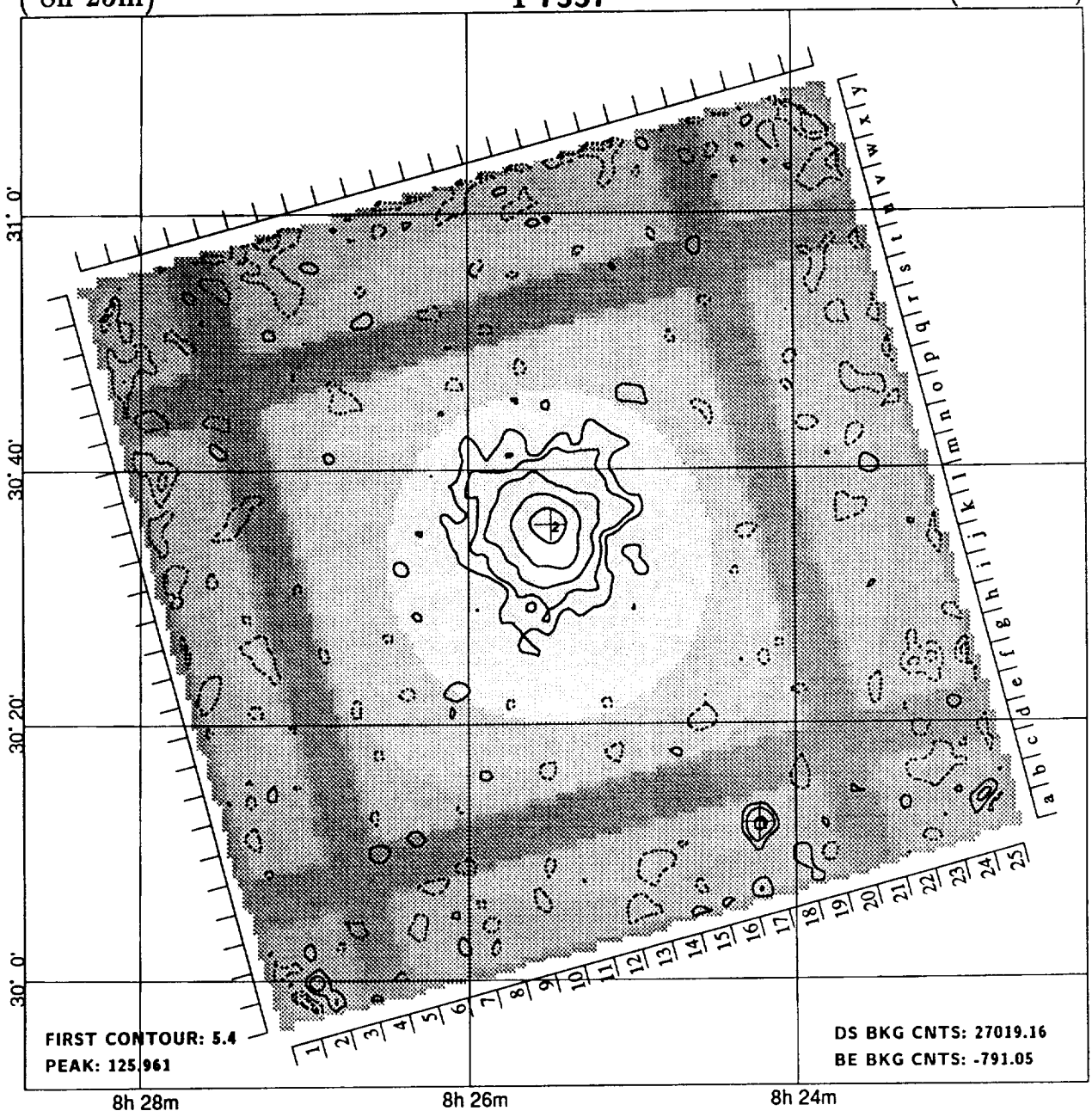
FIELD CENTER: $08^h25^m24.0^s$ $30°35'59''$ **(B1950)**
$08^h28^m29.3^s$ $30°26'00''$ **(J2000)**
ℓ: **192.73** b: **33.11**

DATE: 1979/295 - 1979/295
LIVETIME: 2081.6s
ROLL ANGLE: -104.5°

NH: 4.0E+20
REF/ID:
FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1993	1	08 25 32.9	30 35 57	35	0.0321	0.0049	49.4	6.6	6.6	4.2	0	1.8	AH	CLG

(8h 25m) **I 7337** (8h 25m)



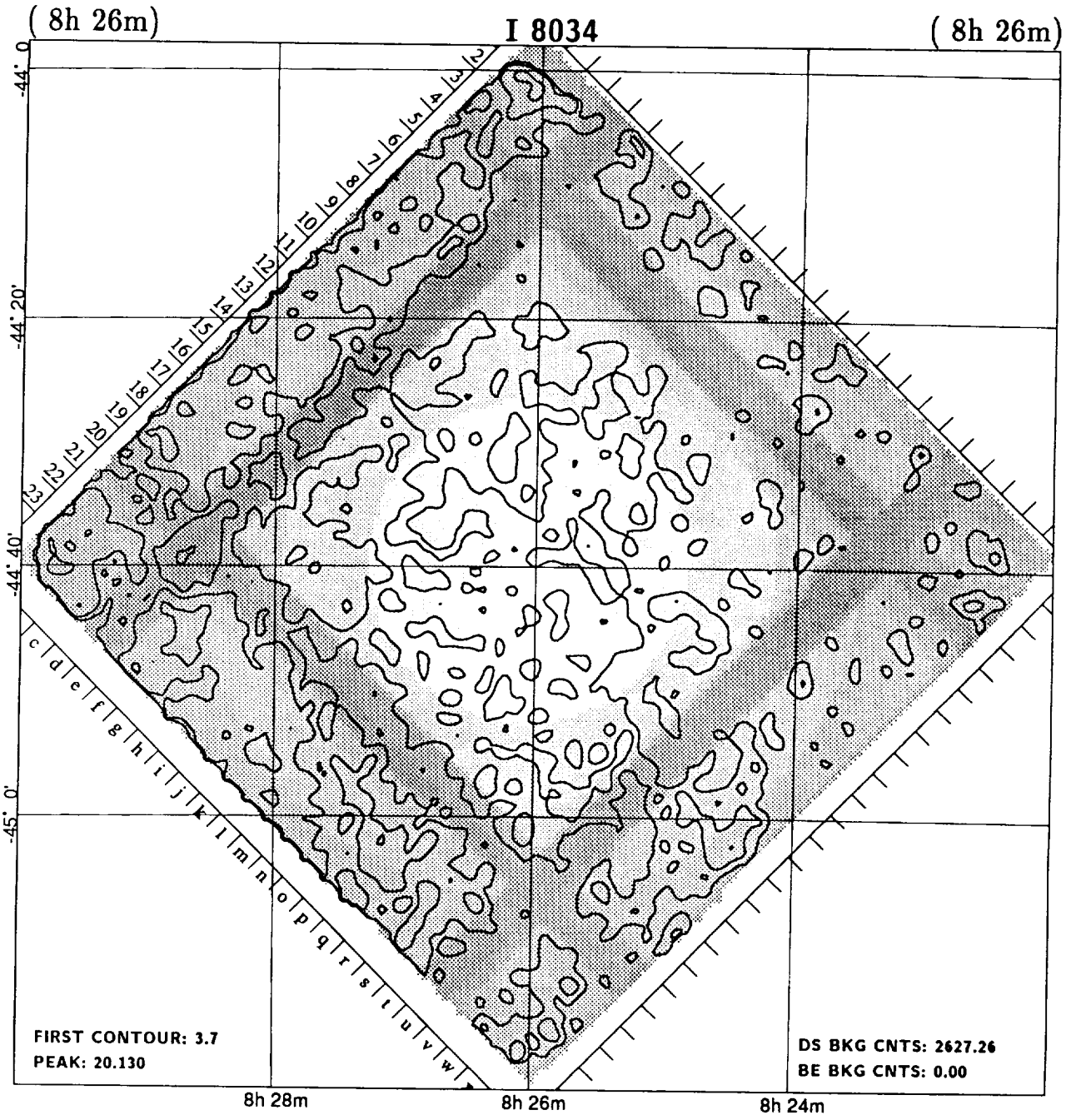
A 671, PECULIAR CLUSTER

FIELD CENTER: $08^h25^m28.0^s$ $30°33'43''$ (B1950)
$08^h28^m33.2^s$ $30°23'44''$ (J2000)
ℓ: 192.78 b: 33.12

DATE: 1980/294 - 1980/294
LIVETIME: 21894.5s
ROLL ANGLE: -105.0°

NH: 4.0E+20
REF/ID:
FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1988	1	08 24 13.4	30 12 11	51	0.0062	0.0011	54.7	41.3	5.6	0.9	200	26.7	H	
1993	2	08 25 29.6	30 35 45	31	0.0392	0.0016	629.8	68.2	23.8	5.0	0	2.1	AH	CLG

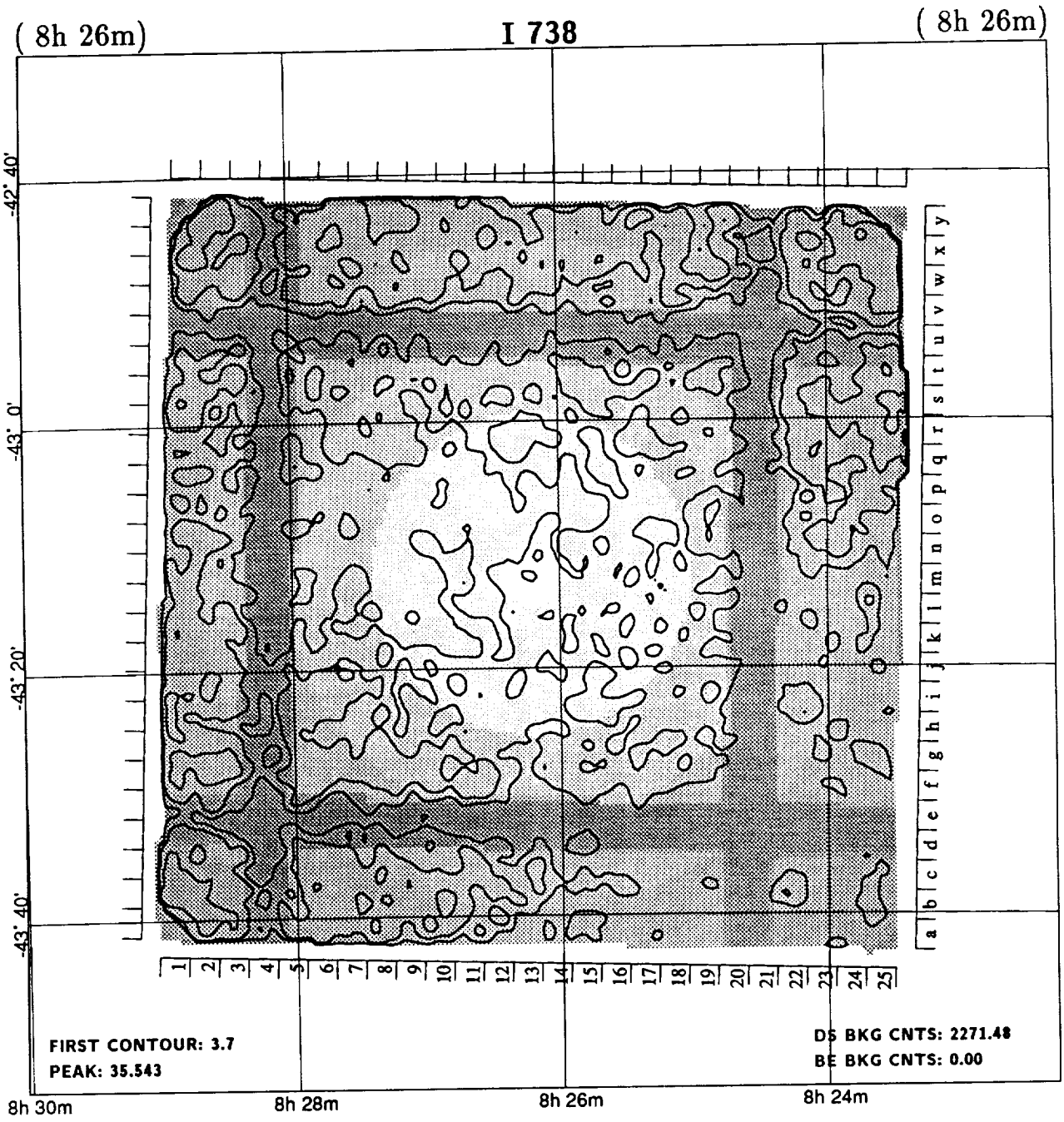


NEW VELA SNR FIELDS: PRIORITY 5

FIELD CENTER: $08^h26^m00.0^s$ -44°39'59" (B1950)
$08^h27^m40.6^s$ -44°49'58" (J2000)
ℓ: 262.47 b: -3.68

DATE: 1980/157 - 1980/157
LIVETIME: 2128.9s
ROLL ANGLE: 44.6°

NH: 2.5E+21
REF/ID: SNR
FIELD FLAGS: LS

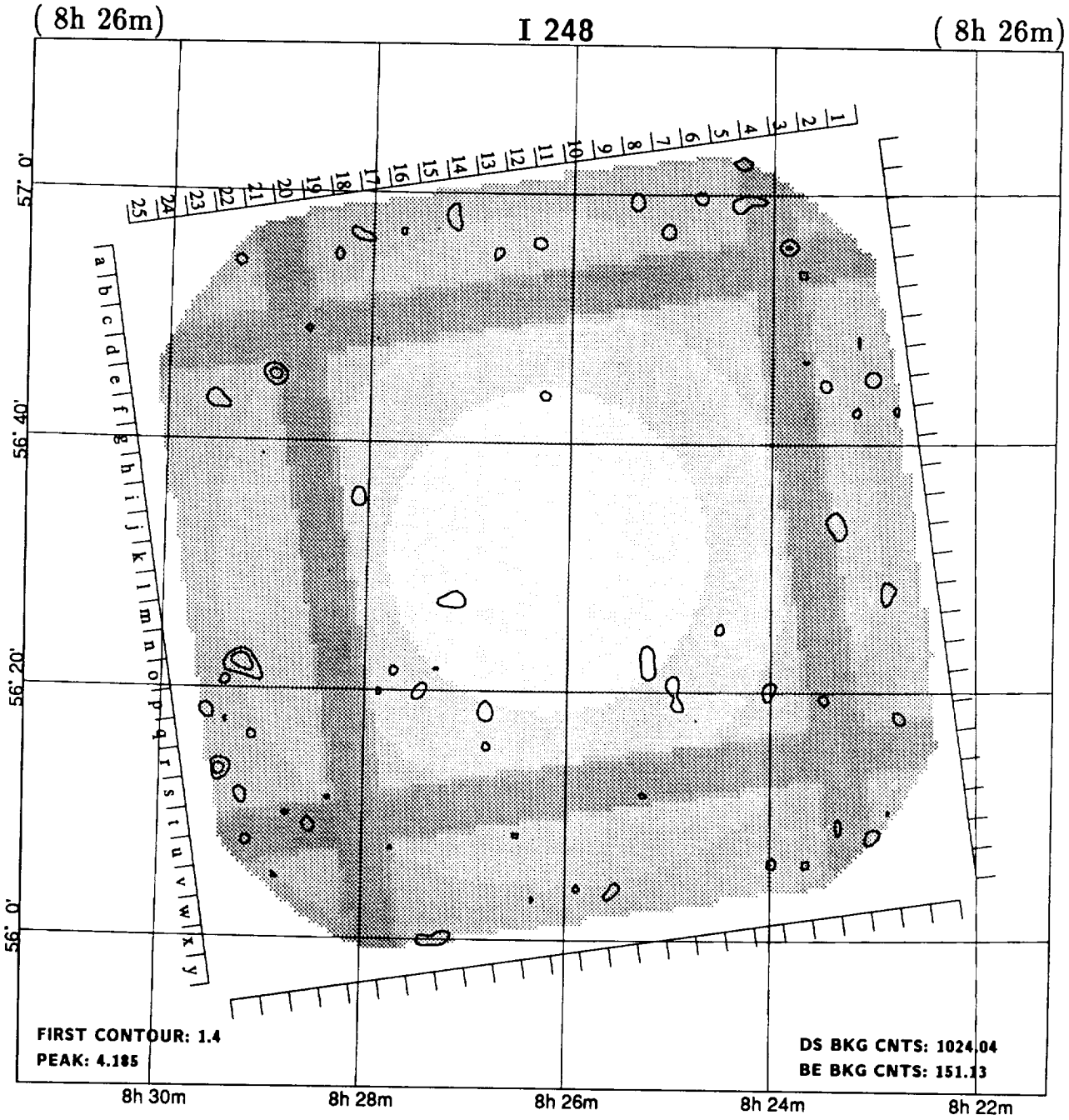


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h26^m09.0^s$ $-43°11'59''$ (B1950)
$08^h27^m52.3^s$ $-43°21'59''$ (J2000)
ℓ: 261.30 b: -2.80

DATE: 1979/299 - 1979/299
LIVETIME: 1840.6s
ROLL ANGLE: -88.5°

NH: 6.9E+21
REF/ID: SNR
FIELD FLAGS: LST

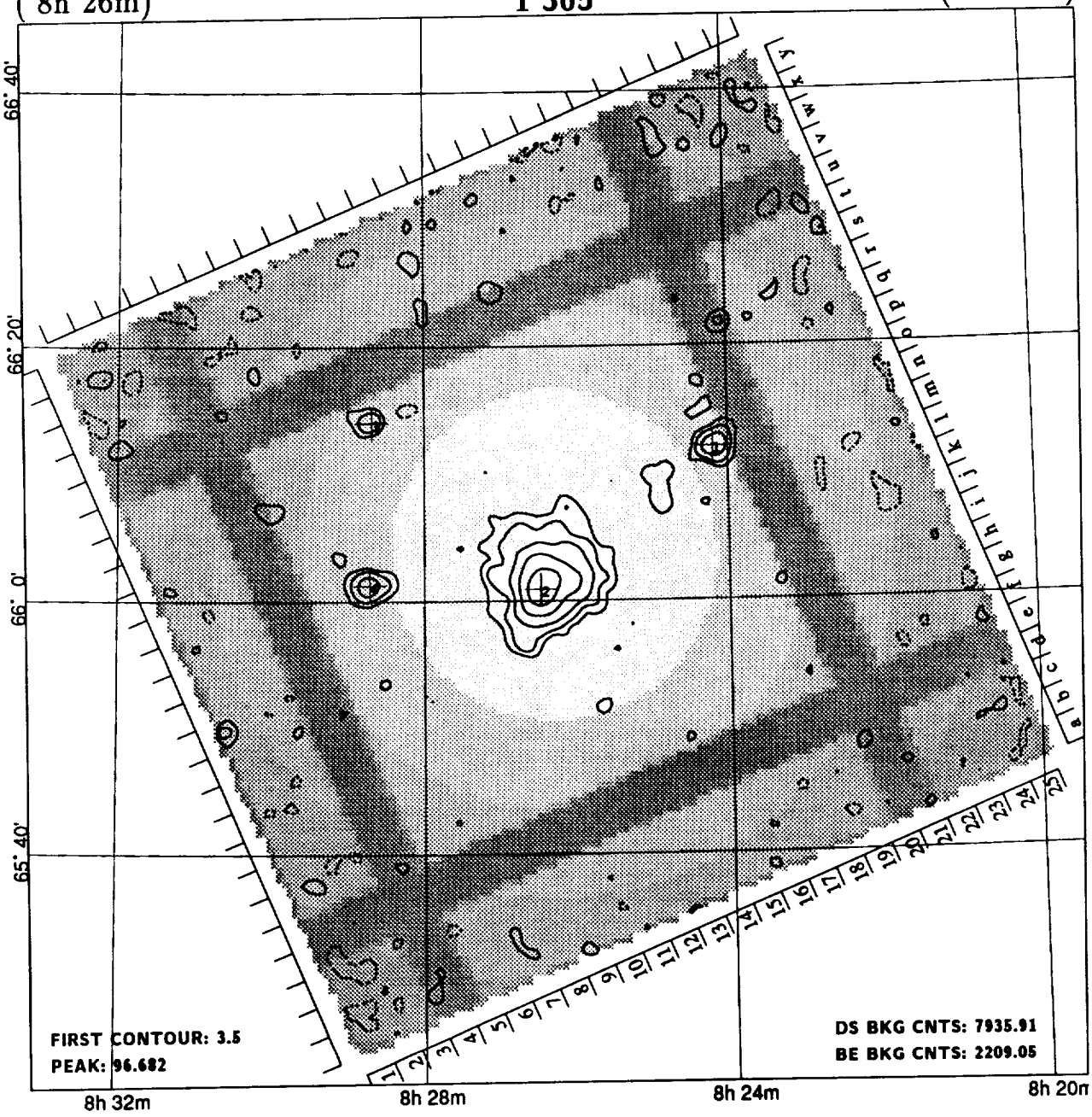


A 669 CLUSTER EVOLUTION

FIELD CENTER: $08^h26^m18.0^s$ $56°29'59''$ (B1950)
$08^h30^m12.0^s$ $56°19'55''$ (J2000)
ℓ: 161.35 b: 35.85

DATE: 1979/119 - 1979/119
LIVETIME: 829.8s
ROLL ANGLE: 81.6°

NH: 4.6E+20
REF/ID:
FIELD FLAGS:



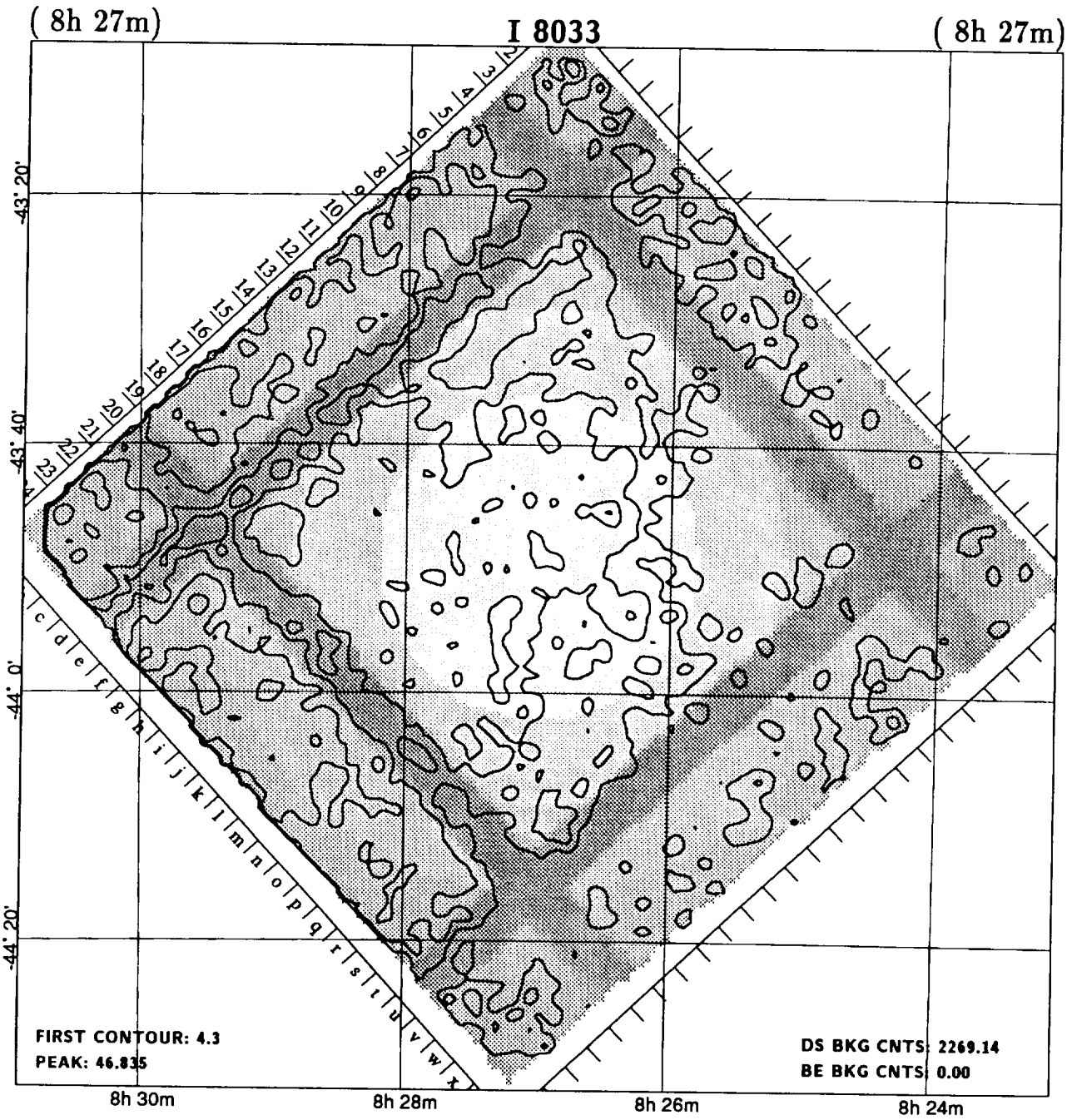
A 665 CLUSTERS WITH WELL STUDIED OPTICAL PROPERTIES

FIELD CENTER: $08^h26^m18.0^s$ 66°03'59" (B1950)
$08^h30^m51.2^s$ 65°53'54" (J2000)
ℓ: 149.71 b: 34.68

DATE: 1979/282 - 1979/282
LIVETIME: 6430.8s
ROLL ANGLE: -112.9°

NH: 4.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
1987	1	08 24 12.0	66 12 06	50	*0.0203	0.0026	76.5	19.5	7.8	1.0	502	15.3	H	
1995	2	08 26 28.5	66 00 55	31	0.0961	0.0046	452.2	25.8	20.7	3.0	0	3.3	H	CLG
1999	3	08 28 41.2	66 14 05	51	0.0087	0.0020	30.3	19.7	4.3	0.7	200	17.8		
2000	4	08 28 43.1	66 01 16	50	0.0170	0.0024	64.5	20.5	7.0	1.0	0	15.0	H	

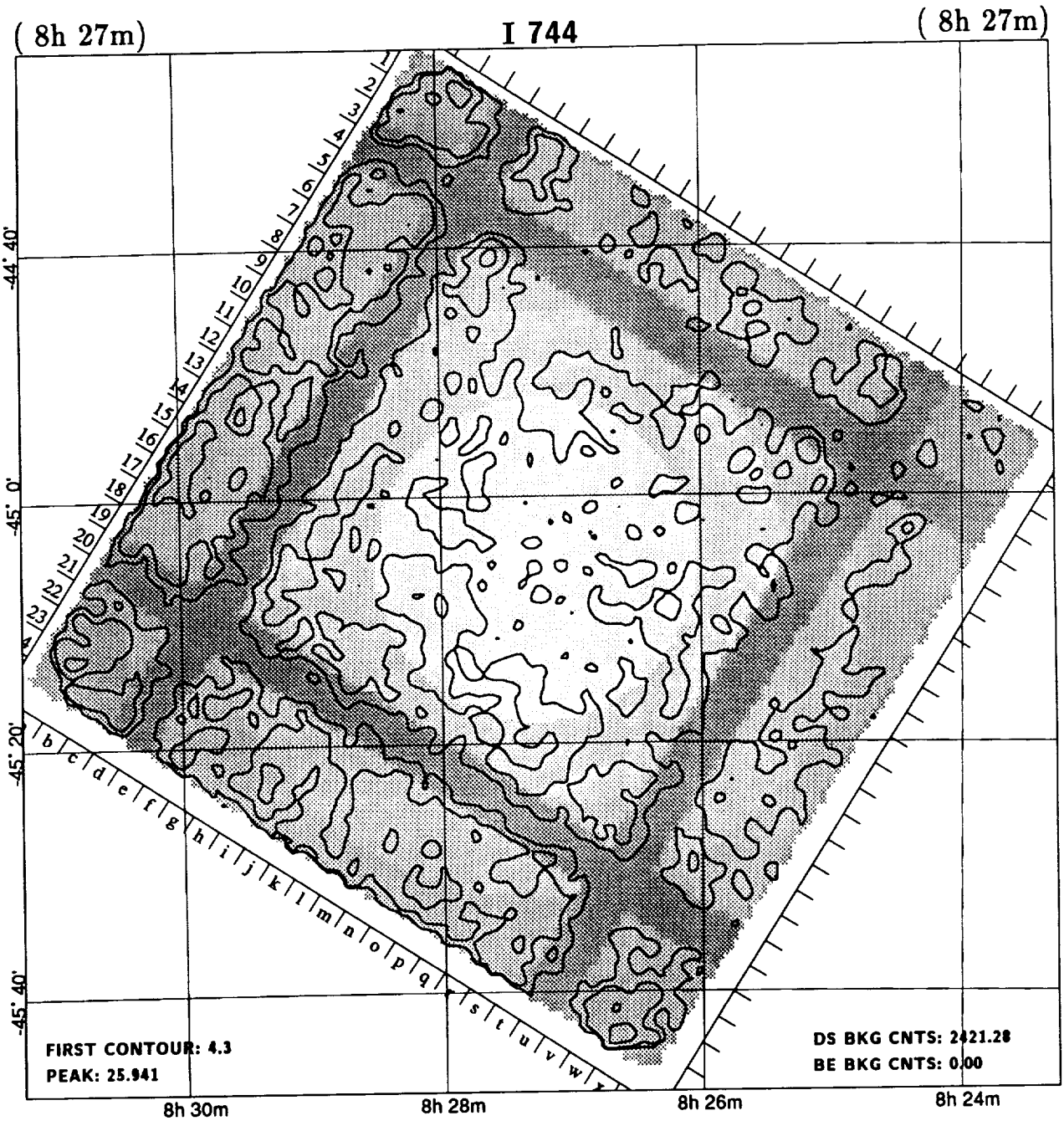


NEW VELA SNR FIELDS: PRIORITY 4

FIELD CENTER: $08^h27^m00.0^s$ -43°49′59″ (B1950)
$08^h28^m42.3^s$ -44°00′02″ (J2000)
ℓ: 261.90 b: -3.05

DATE: 1980/158 - 1980/158
LIVETIME: 1838.8s
ROLL ANGLE: 47.3°

NH: 4.6E+21
REF/ID: SNR
FIELD FLAGS: DLST

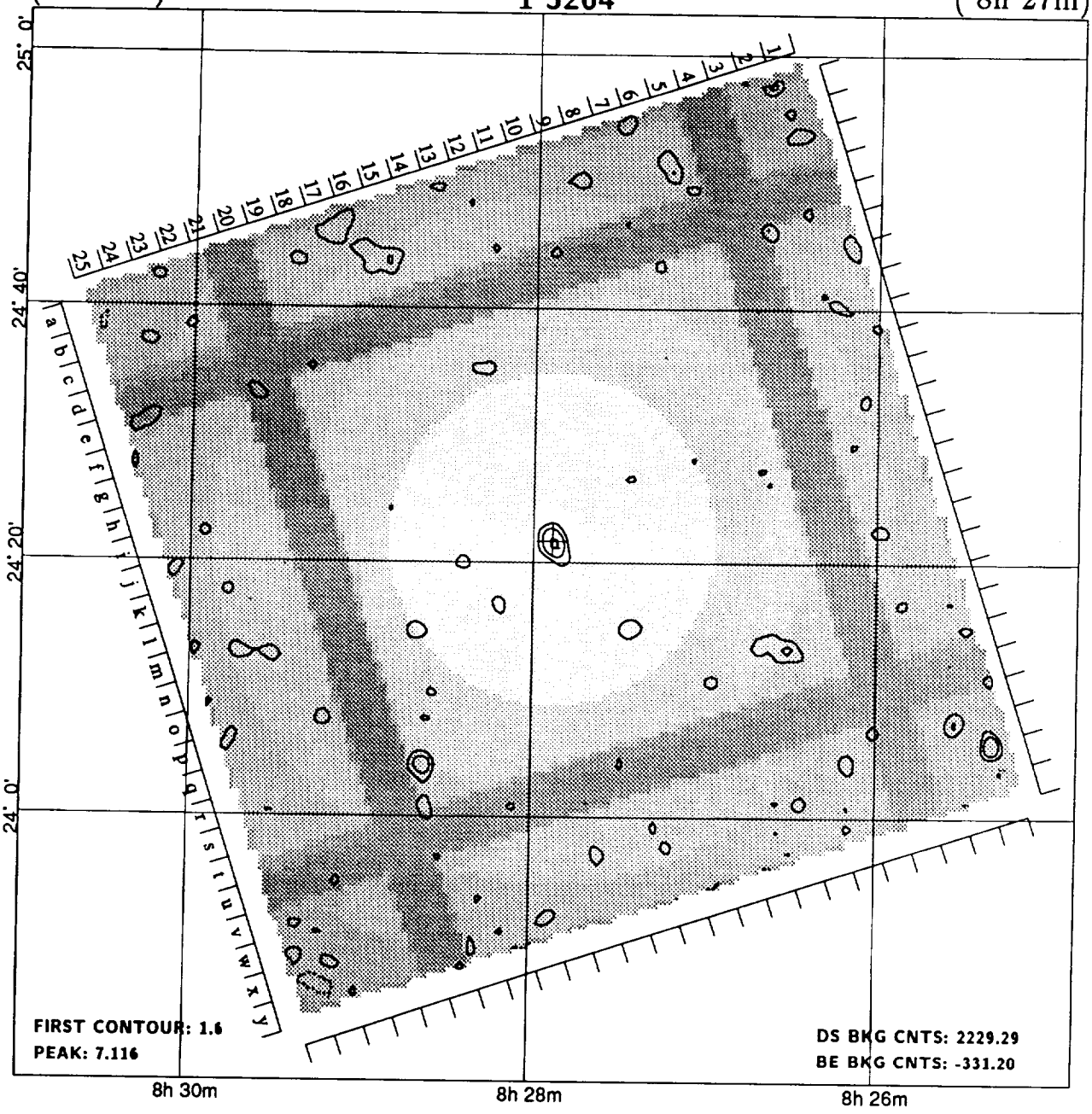


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h27^m15.0^s$ $-45°05'59''$ (B1950)
$08^h28^m55.0^s$ $-45°16'03''$ (J2000)
ℓ: 262.96 b: -3.75

DATE: 1979/171 - 1979/171
LIVETIME: 1962.0s
ROLL ANGLE: 32.6°

NH: 2.7E+21
REF/ID: SNR
FIELD FLAGS: LS



0827+24: EXTRAGALACTIC STRONG MILLIMETER SOURCES

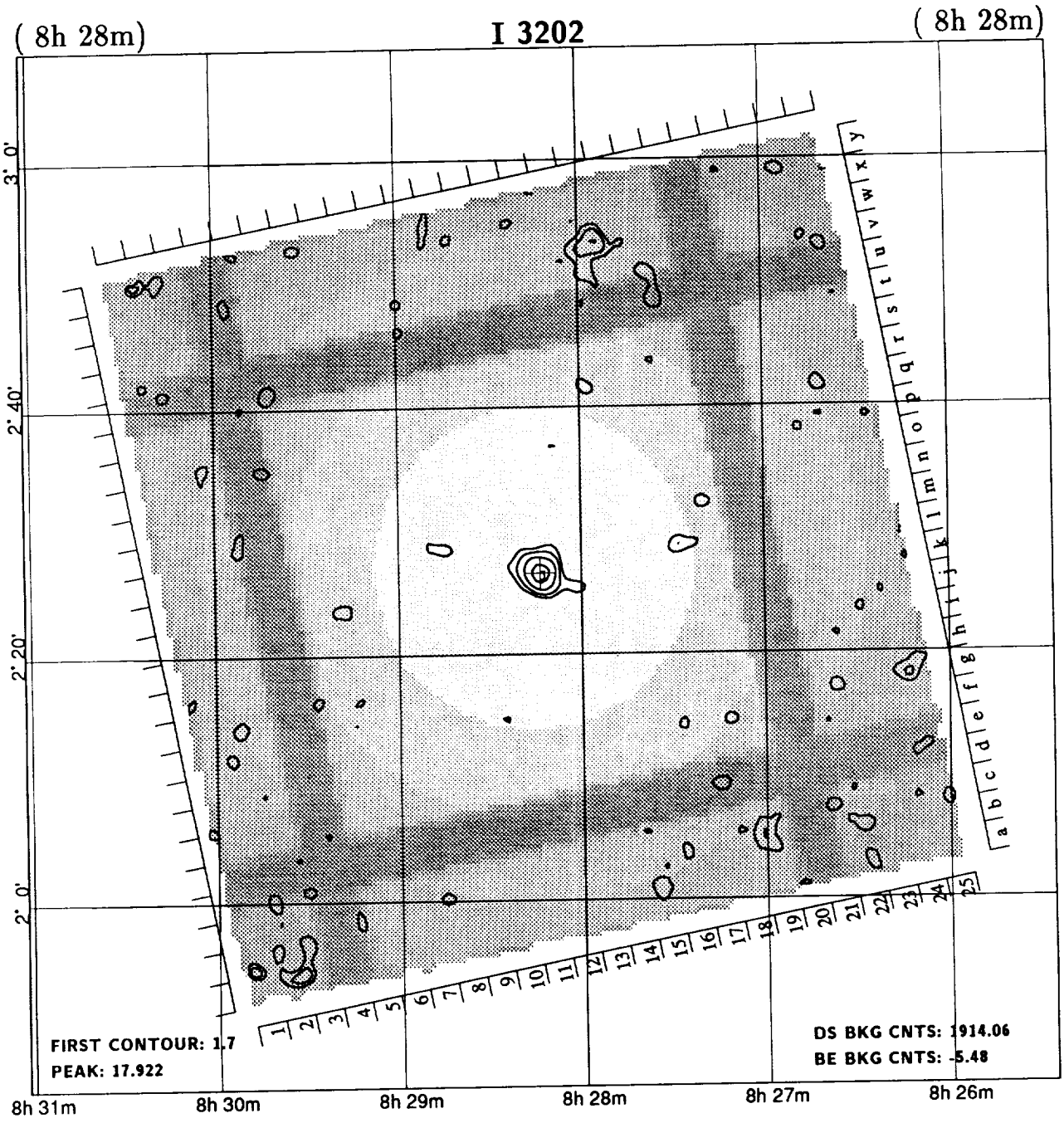
FIELD CENTER: $08^h27^m54.4^s$ $24°21'07''$ (B1950)
$08^h30^m52.1^s$ $24°10'59''$ (J2000)
ℓ: 200.02 b: 31.88

DATE: 1979/102 - 1979/102
LIVETIME: 1806.5s
ROLL ANGLE: 72.1°

NH: 3.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1996	1	08 27 53.3	24 21 41	36	0.0196	0.0041	26.4	4.6	4.7	0.9	0	0.7	H	*

(8h 28m) **I 3202** (8h 28m)



RS CVN SYSTEMS: GK HYA

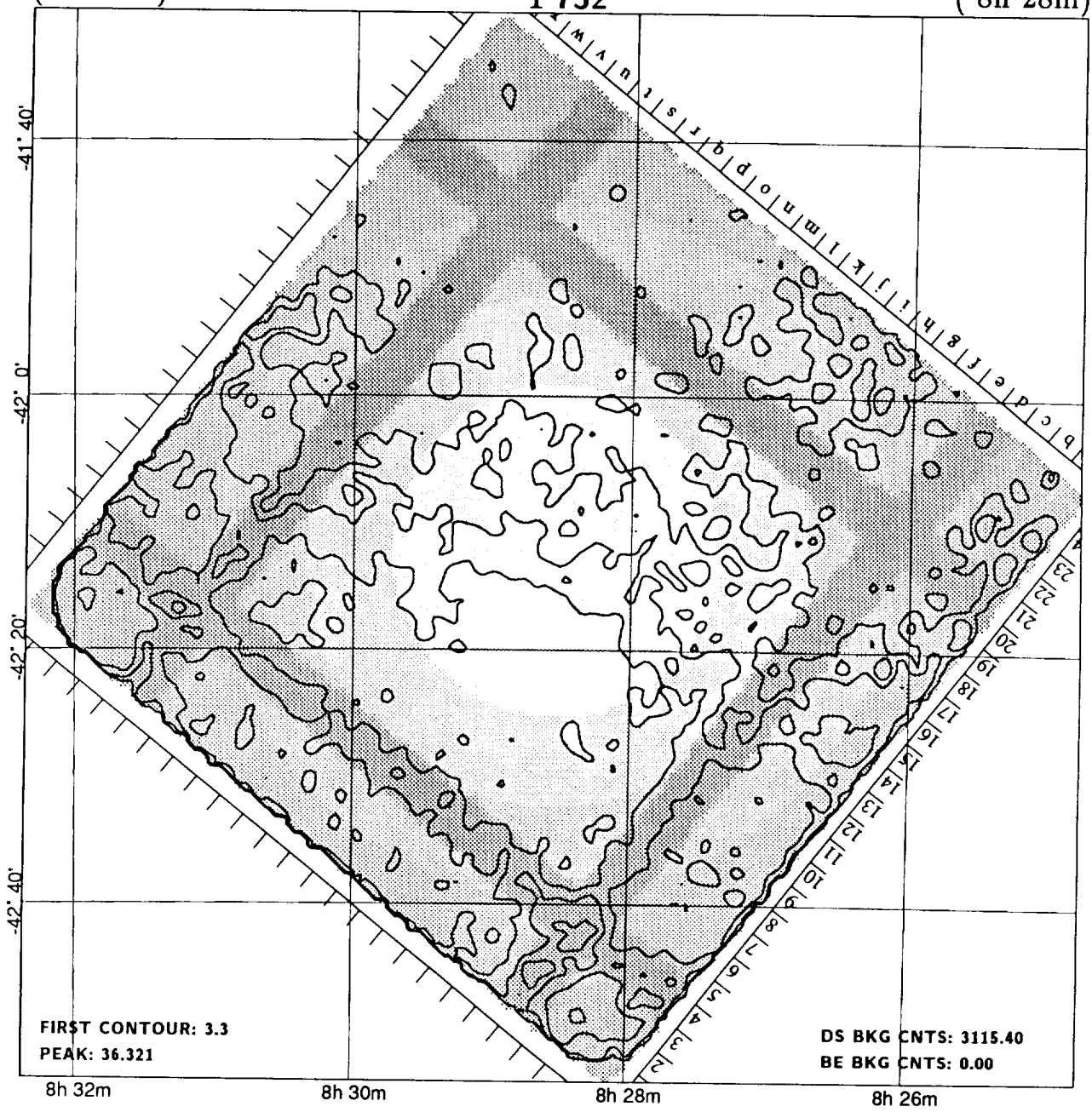
FIELD CENTER: $08^h28^m14.0^s$ $02°26'59''$ (B1950)
$08^h30^m49.9^s$ $02°16'51''$ (J2000)
ℓ: 222.70 b: 23.07

DATE: 1979/293 - 1979/293
LIVETIME: 1551.0s
ROLL ANGLE: -101.1°

NH: 4.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1998	1	08 28 13.5	02 26 34	32	0.0675	0.0079	78.0	5.0	8.6	1.1	0	0.4	H	CV

(8h 28m) I 732 (8h 28m)

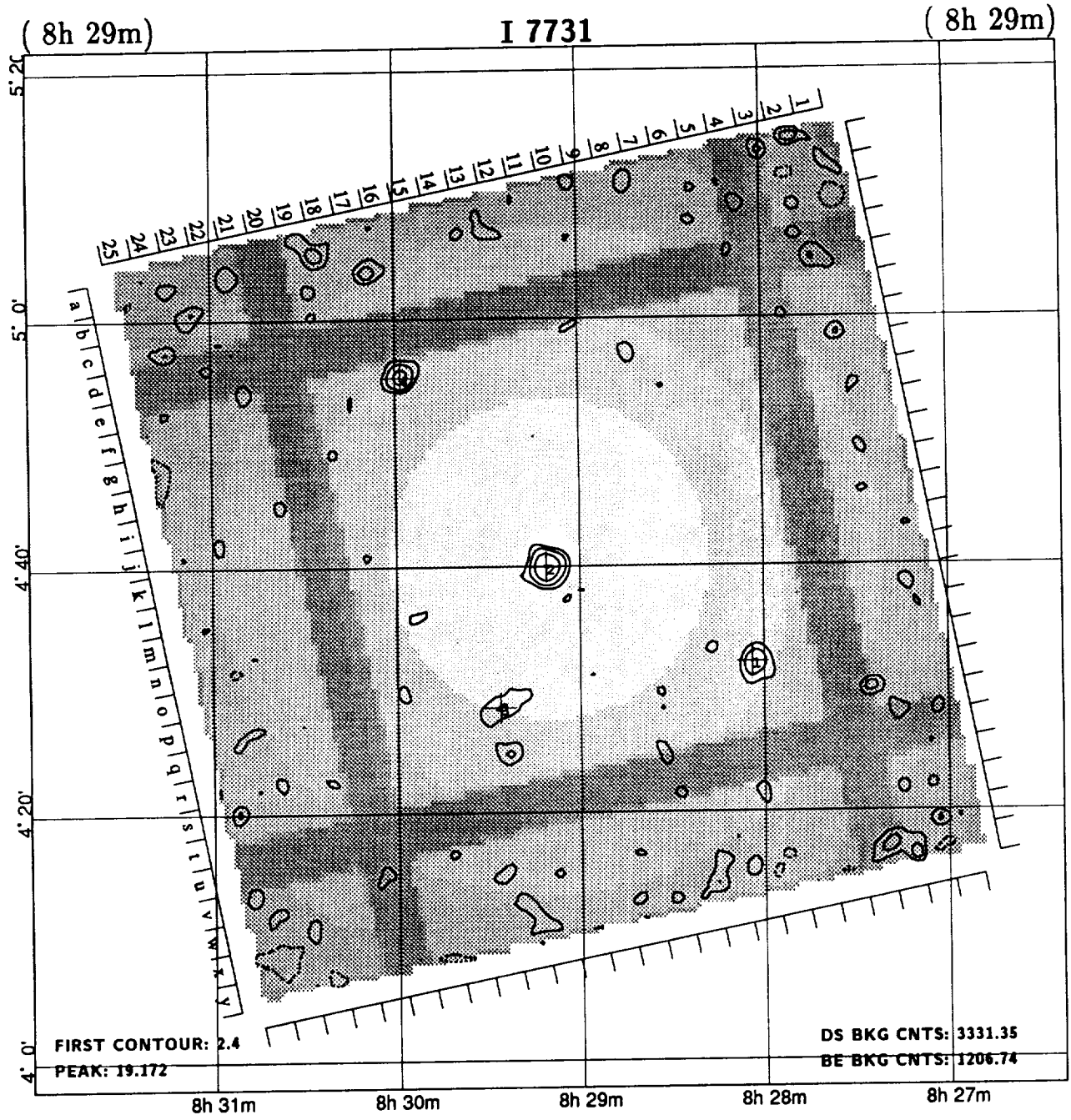


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h28^m34.0^s$ $-42°11'59''$ (B1950)
$08^h30^m19.4^s$ $-42°22'08''$ (J2000)
ℓ: 260.75 b: -1.85

DATE: 1978/352 - 1978/352
LIVETIME: 2524.5s
ROLL ANGLE: -141.5°

NH: 7.4E+21
REF/ID: SNR
FIELD FLAGS: LS



OJ 049,FAINT BL LAC OBJECTS

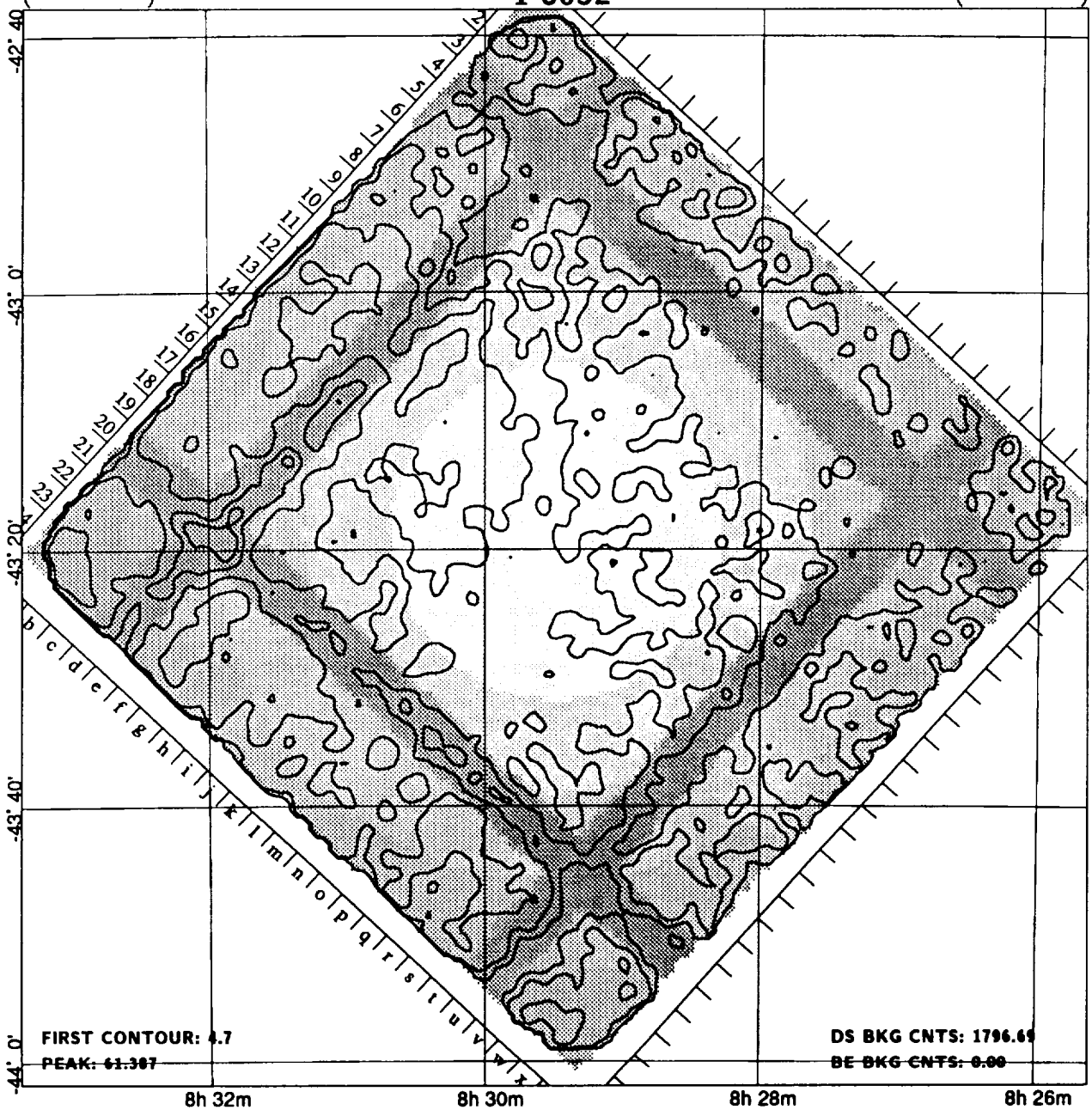
FIELD CENTER: $08^h29^m11.0^s$ 04°39'50" (B1950)
$08^h31^m48.9^s$ 04°29'39" (J2000)
ℓ: 220.69 b: 24.33

DATE: 1980/106 - 1980/106
LIVETIME: 2796.4s
ROLL ANGLE: 78.6°

NH: 3.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
1997	1	08 28 03.8	04 32 14	52	0.0145	0.0037	21.6	8.4	4.0	1.0	0	18.2	H	
2001	2	08 29 11.1	04 39 56	32	0.0375	0.0046	78.1	11.9	8.2	1.0	0	0.2	H	
2002	3	08 29 26.3	04 28 31	47	0.0113	0.0031	19.9	10.1	3.6	0.9	0	12.0		
2004	4	08 29 58.3	04 55 15	51	0.0194	0.0041	28.5	7.5	4.7	0.8	500	19.4	H	

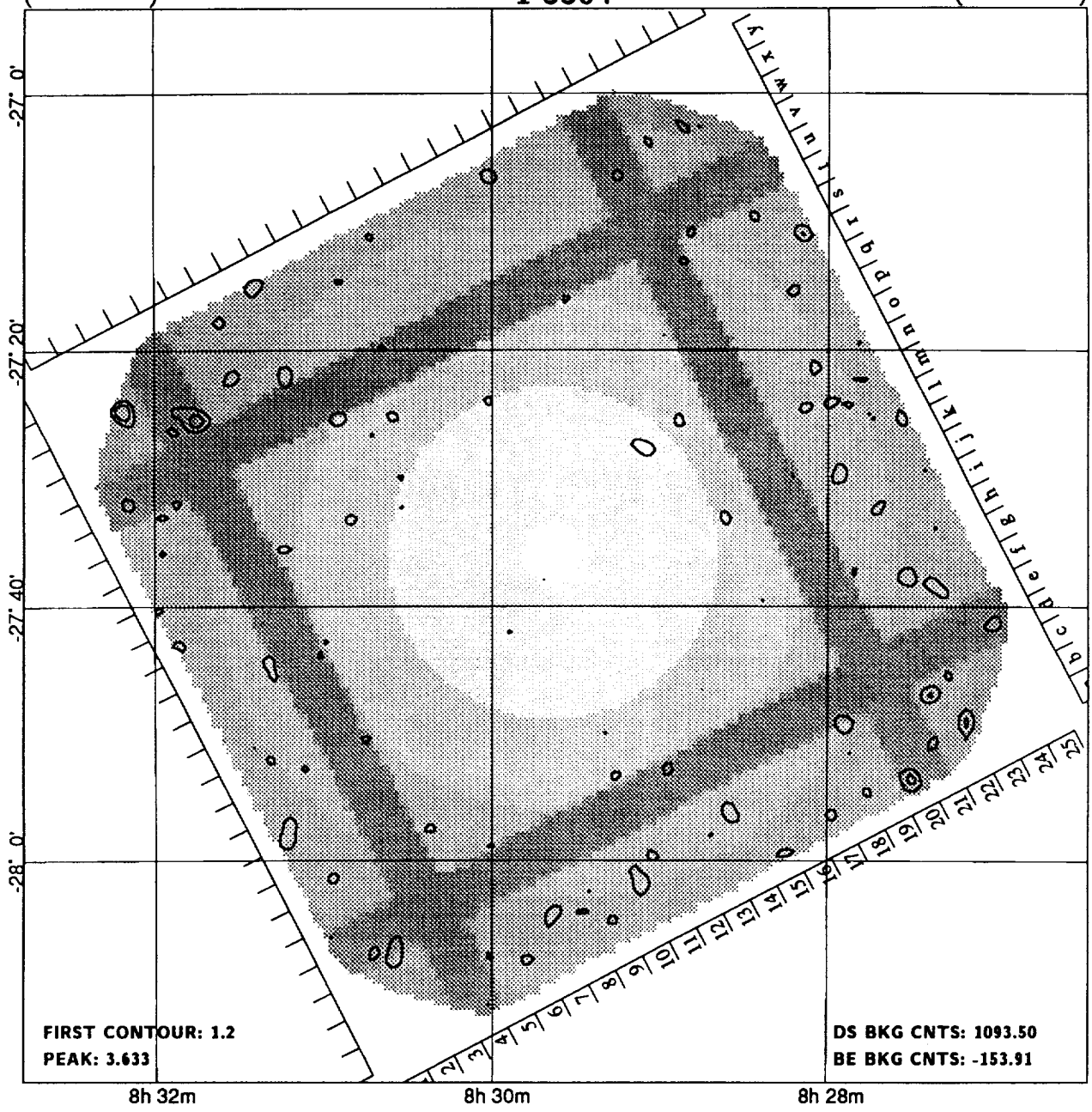
(8h 29m) **I 8032** (8h 29m)



NEW VELA SNR FIELDS: PRIORITY 3

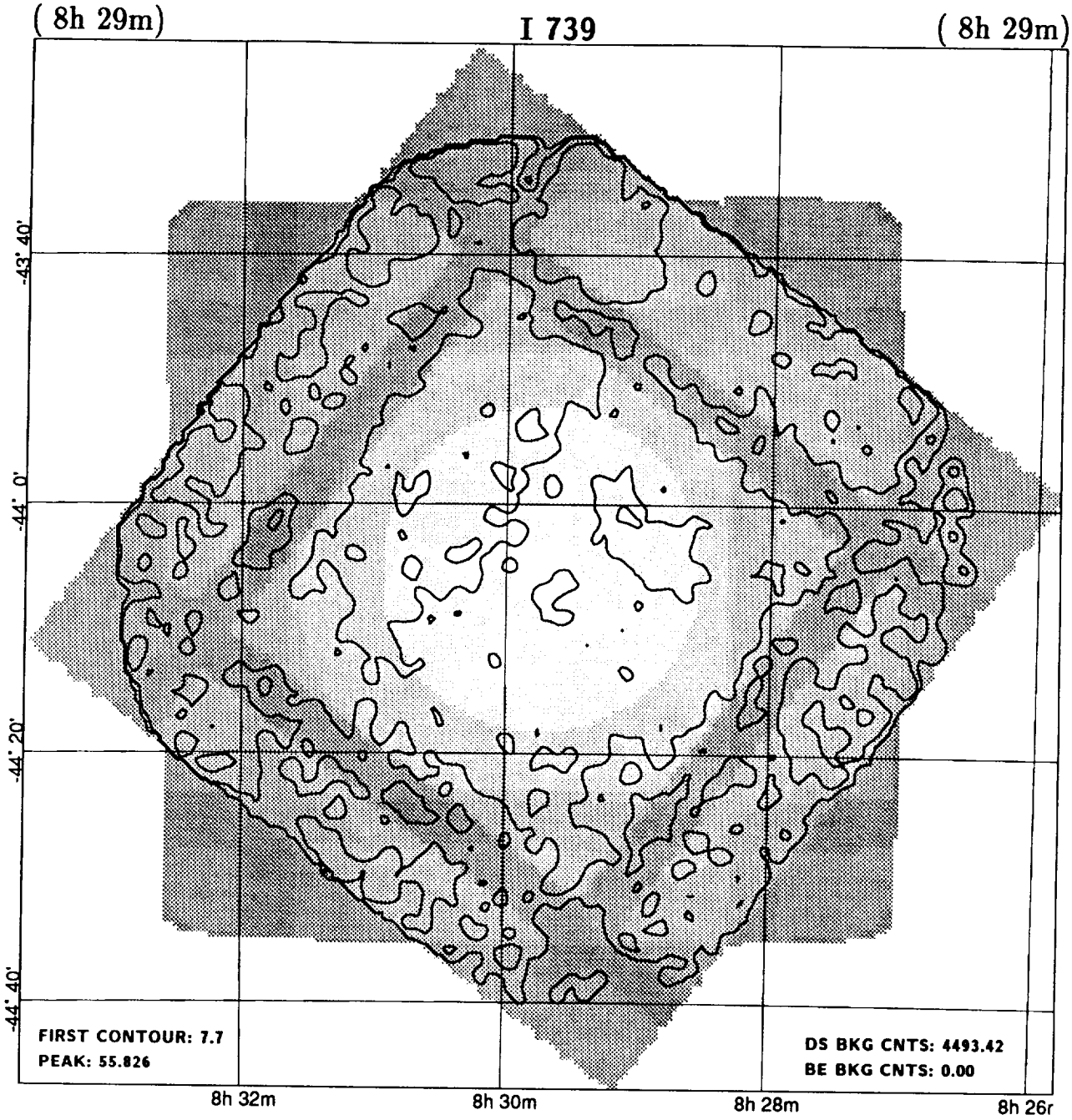
FIELD CENTER: $08^h29^m30.0^s$ $-43°19'59''$ (B1950)	**DATE:** 1980/164 - 1980/164	**NH:** 5.4E+21
$08^h31^m13.6^s$ $-43°30'11''$ (J2000)	**LIVETIME:** 1455.9s	**REF/ID:** SNR
ℓ: 261.77 b: -2.39	**ROLL ANGLE:** 42.5°	**FIELD FLAGS:** DLST

(8h 29m) **I 3304** (8h 29m)



SYMBIOTIC STARS: AS 201

FIELD CENTER:	$08^h29^m36.8^s$ -27°35'19" (B1950)	**DATE:** 1979/326 - 1979/326	**NH:** 1.5E+21
	$08^h31^m42.8^s$ -27°45'32" (J2000)	**LIVETIME:** 886.1s	**REF/ID:** S
	ℓ: 249.08 b: 6.97	**ROLL ANGLE:** -117.4°	**FIELD FLAGS:**

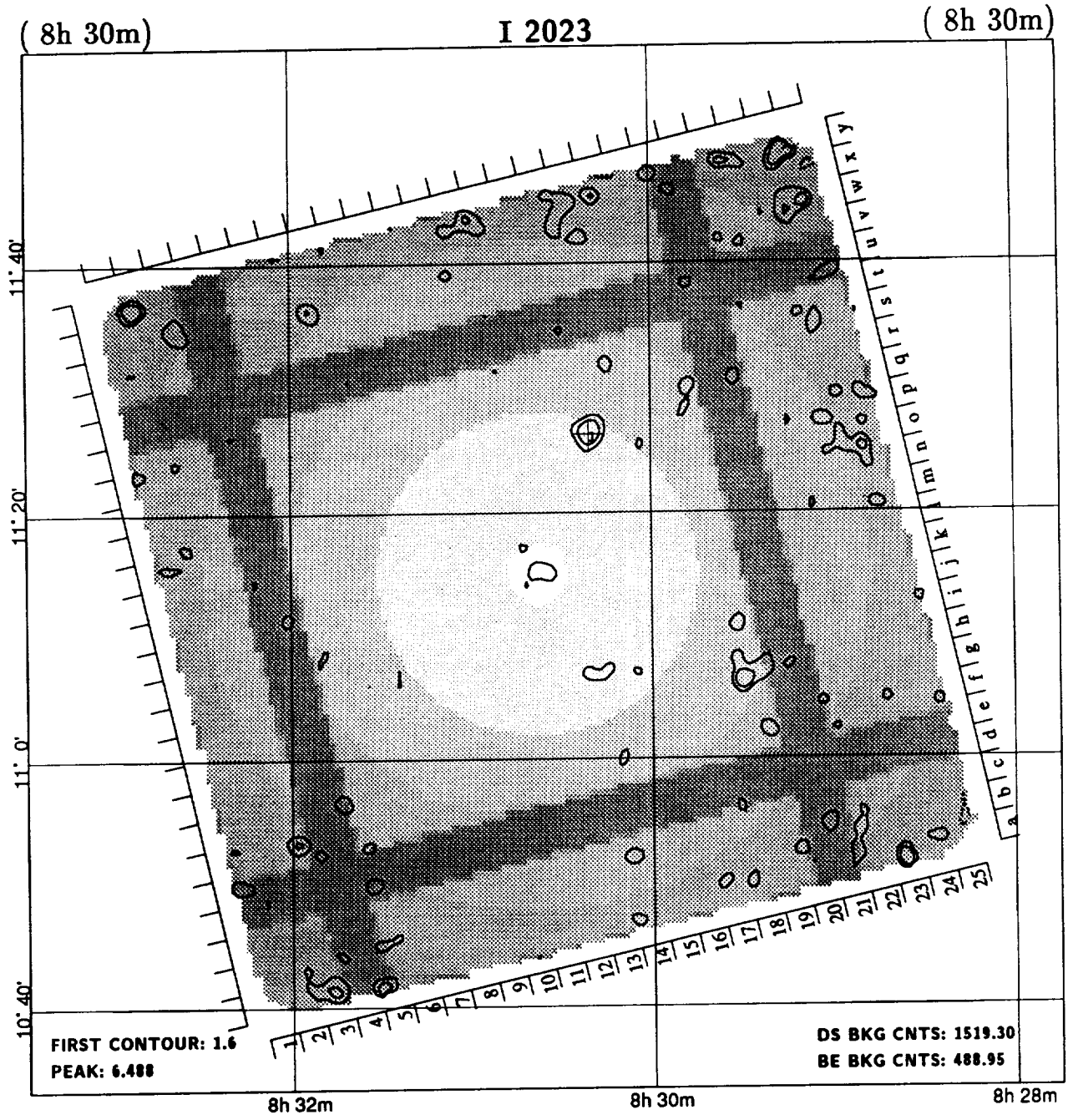


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h29^m44.0^s$ $-44°04'59''$ (B1950)
$08^h31^m26.3^s$ $-44°15'12''$ (J2000)
ℓ: 262.40 b: -2.80

DATE: 1978/354 - 1979/298
LIVETIME: 3641.4s

NH: 5.0E+21
REF/ID: SNR
FIELD FLAGS: LST



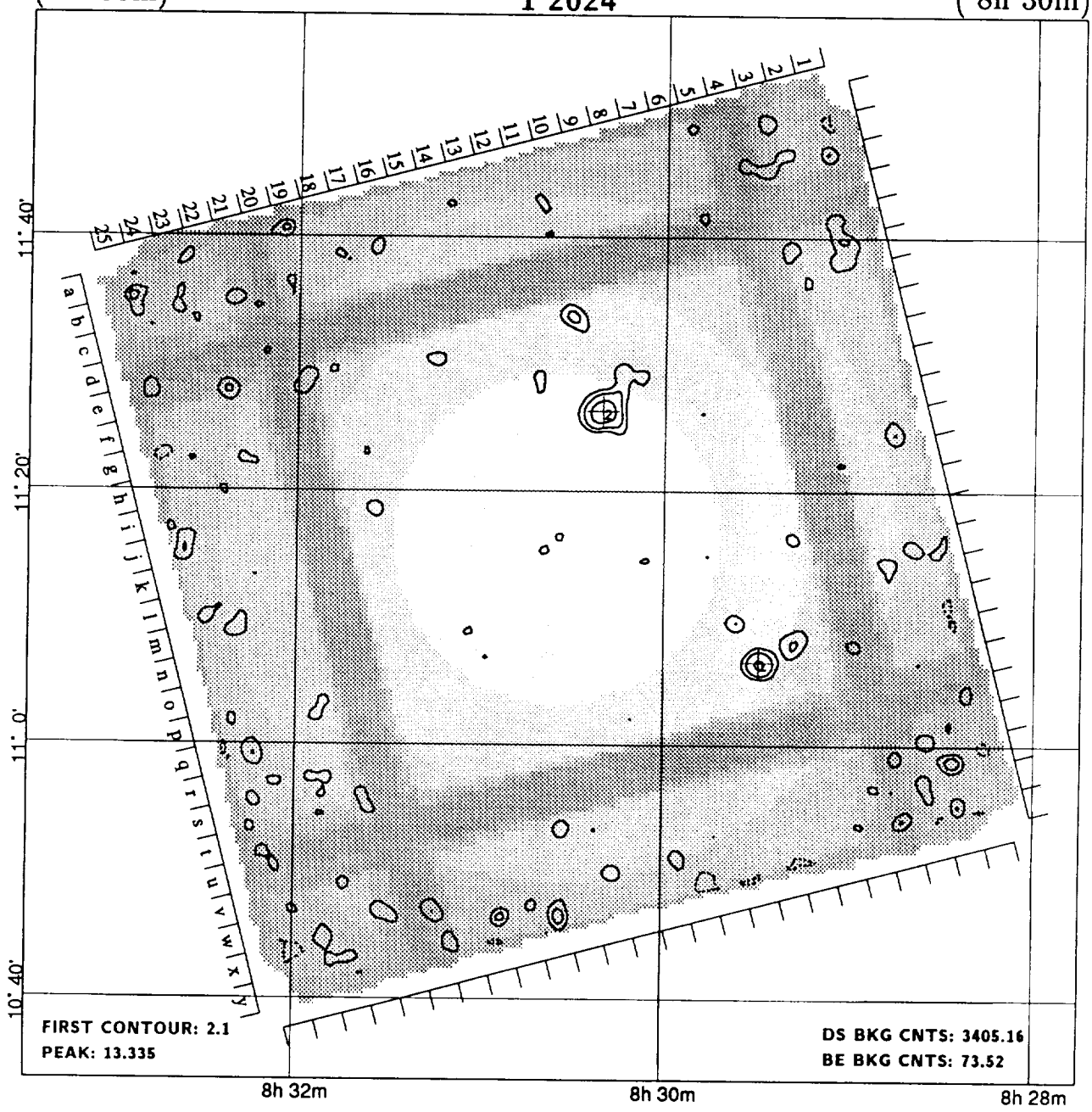
MC 5: STUDY, QUASARS

FIELD CENTER: $08^h30^m36.0^s$ $11°15'28''$ (B1950)
$08^h33^m20.1^s$ $11°05'11''$ (J2000)
ℓ: 214.31 b: 27.60

DATE: 1979/295 - 1979/295
LIVETIME: 1231.1s
ROLL ANGLE: -103.1°

NH: 3.9E+20
REF/ID: !
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2005	1	08 30 20.7	11 26 16	43	0.0259	0.0064	20.4	4.6	4.1	0.8	0	11.3	AH	



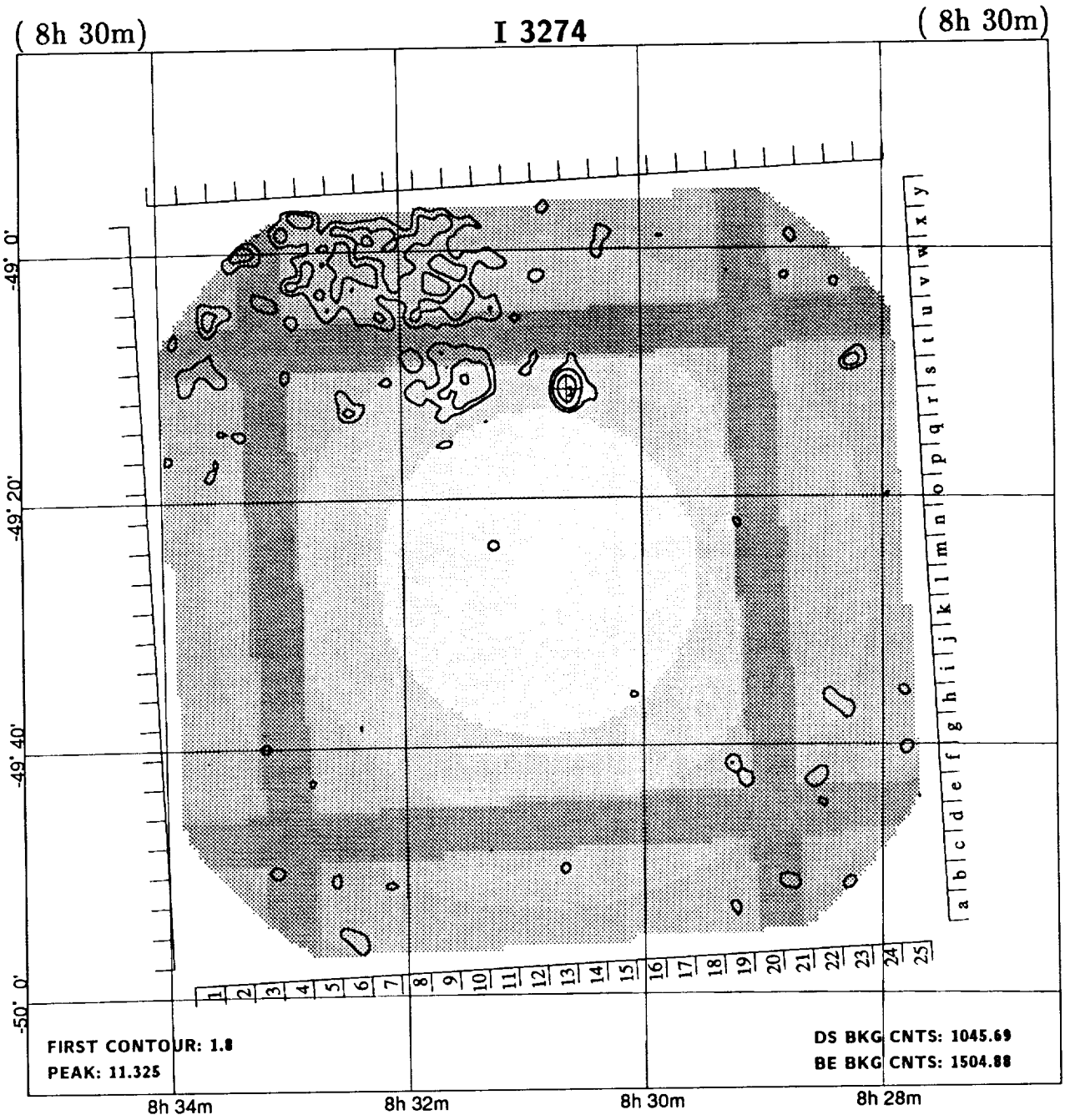
MC 5: STUDY, QUASARS

FIELD CENTER: $08^h30^m36.0^s$ $11°15'28''$ (B1950)
$08^h33^m20.1^s$ $11°05'11''$ (J2000)
ℓ: 214.31 b: 27.60

DATE: 1980/102 - 1980/133
LIVETIME: 2858.4s
ROLL ANGLE: 75.5°

NH: 3.9E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2003	1	08 29 28.9	11 06 29	51	0.0151	0.0036	22.9	7.1	4.2	0.7	0	18.7	H	Q
2005	2	08 30 20.3	11 26 16	41	0.0295	0.0042	55.6	8.4	6.9	1.2	0	11.5	AH	



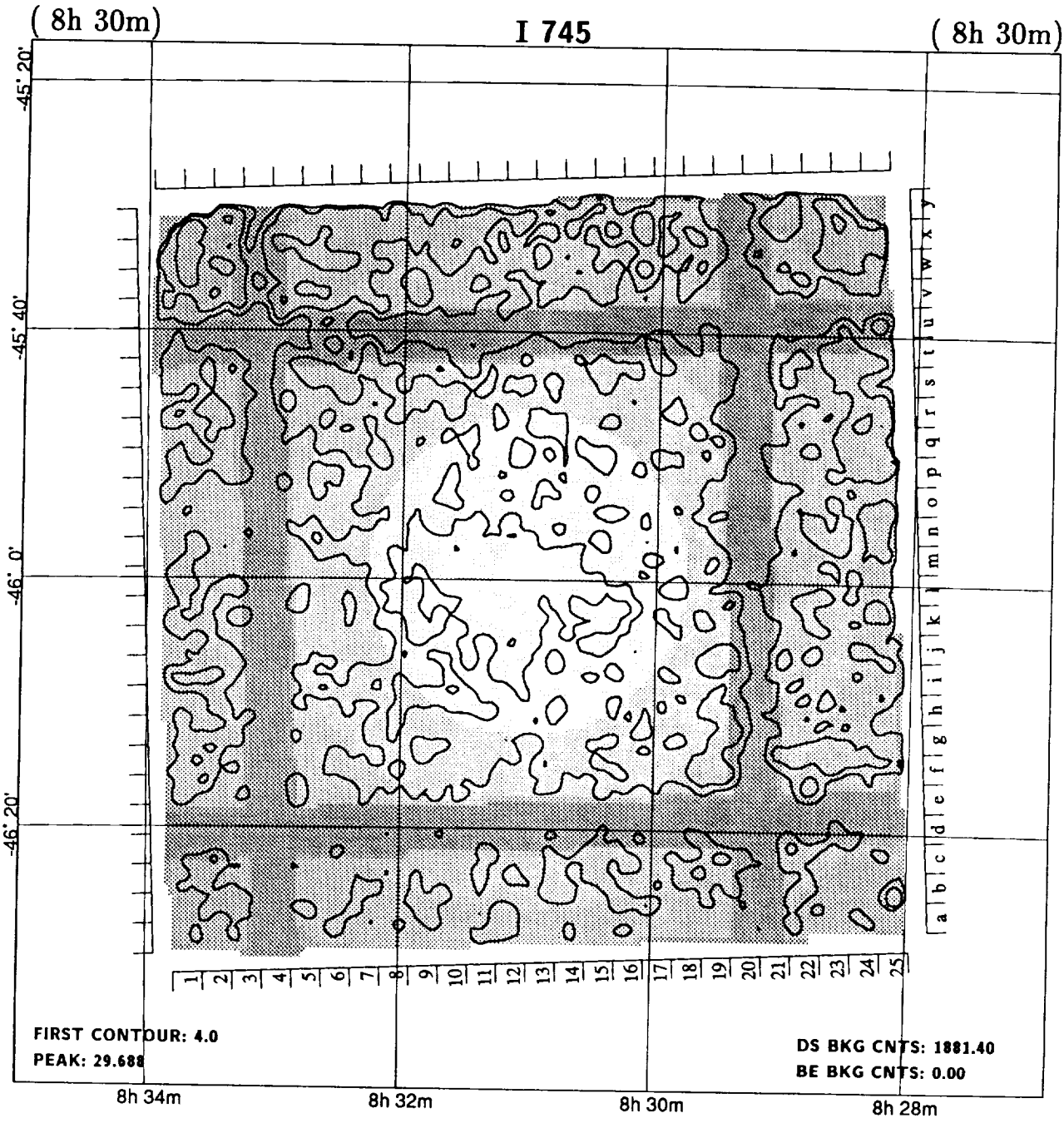
CANDIDATE X-RAY BINARY SOURCES: HD 72754

FIELD CENTER: $08^h30^m51.6^s$ $-49°25'41''$ (B1950)
$08^h32^m23.6^s$ $-49°35'57''$ (J2000)
ℓ: 266.83 b: -5.81

DATE: 1979/299 - 1979/299
LIVETIME: 847.4s
ROLL ANGLE: -92.9°

NH: 1.9E+21
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2008	1L	08 30 37.2	-49 11 14	41	0.069	0.015	34.4	7.6	4.5	1.0	0	14.6		

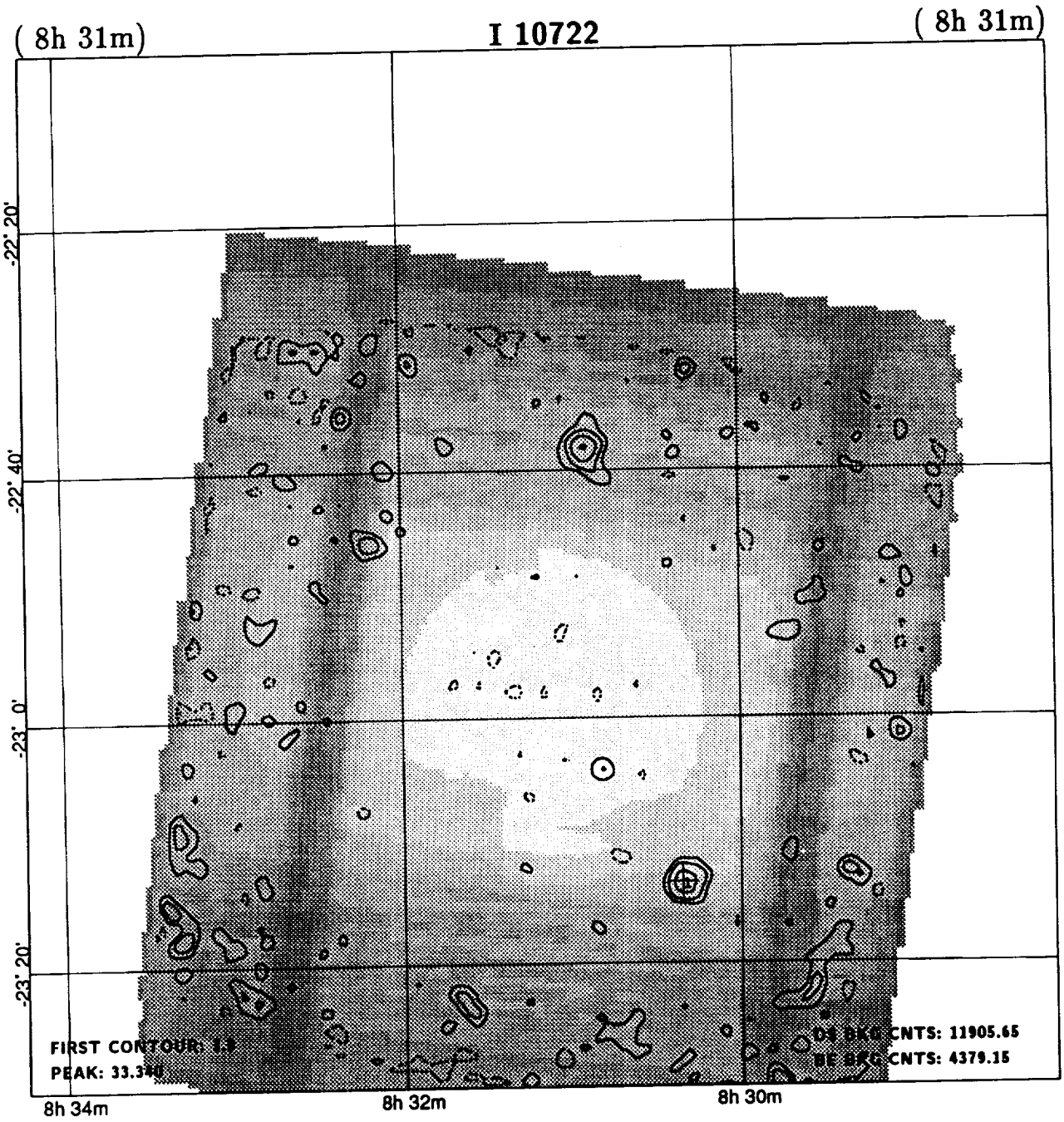


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h30^m57.0^s$ $-45°58'59''$ (B1950)
$08^h32^m36.0^s$ $-46°09'16''$ (J2000)
ℓ: 264.05 b: -3.75

DATE: 1978/357 - 1979/298
LIVETIME: 1524.5s
ROLL ANGLE: -92.2°

NH: 2.3E+21
REF/ID: SNR
FIELD FLAGS: LS



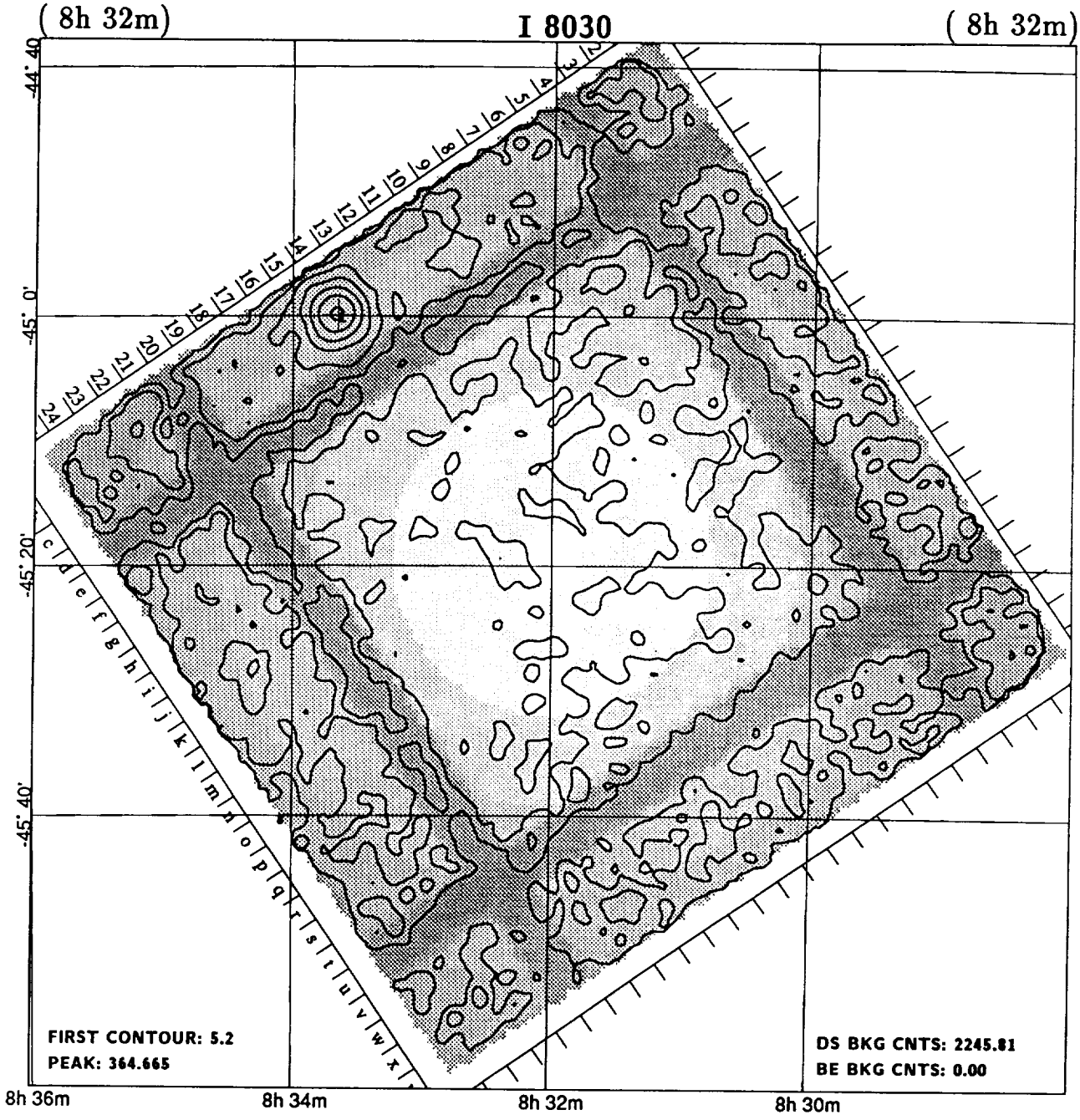
NGC 2613: LATE, EDGE ON GALAXY

FIELD CENTER: $08^h31^m10.8^s$ -22°47'59" (B1950)
$08^h33^m22.3^s$ -22°58'17" (J2000)
ℓ: 245.36 b: 10.06

DATE: 1981/105 - 1981/106
LIVETIME: 9647.5s

NH: 7.9E+20
REF/ID:
FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2006	1L	08 30 20.9	-23 13 25	50	0.0127	0.0023	68.9	42.1	5.3	1.3	0	27.5		



NEW VELA SNR FIELDS: PRIORITY 1

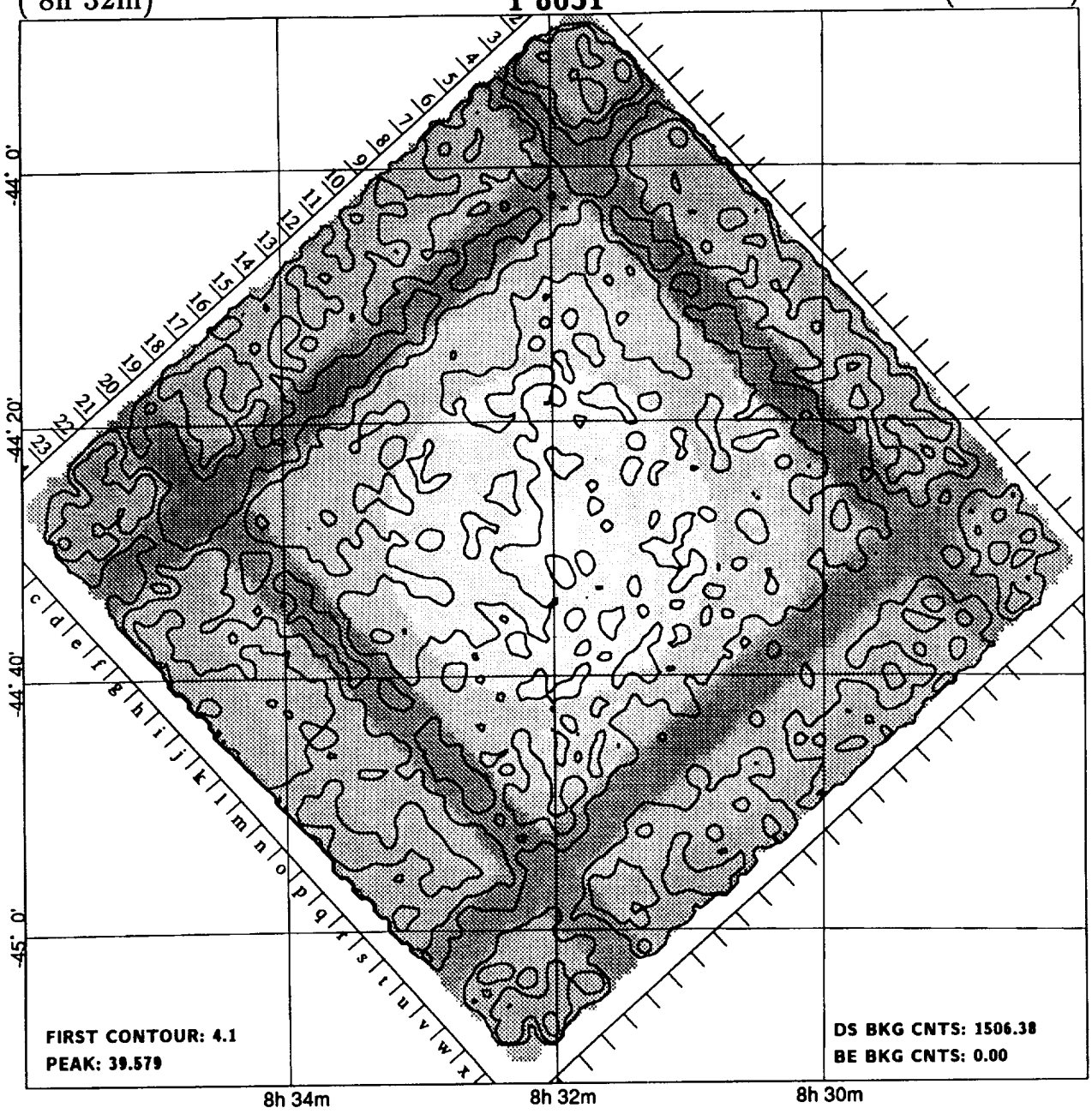
FIELD CENTER: $08^h32^m00.0^s$ $-45°19'59''$ (B1950)
$08^h33^m40.4^s$ $-45°30'19''$ (J2000)
ℓ: 263.64 b: -3.22

DATE: 1980/157 - 1980/157
LIVETIME: 1819.8s
ROLL ANGLE: 55.6°

NH: 3.4E+21
REF/ID: SNR
FIELD FLAGS: LST

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2014	1L	08 33 39.3	-44 59 55	47	0.921	0.049	694.5	283.5	18.7	14.7	0	26.5	A	P

(8h 32m) **I 8031** (8h 32m)

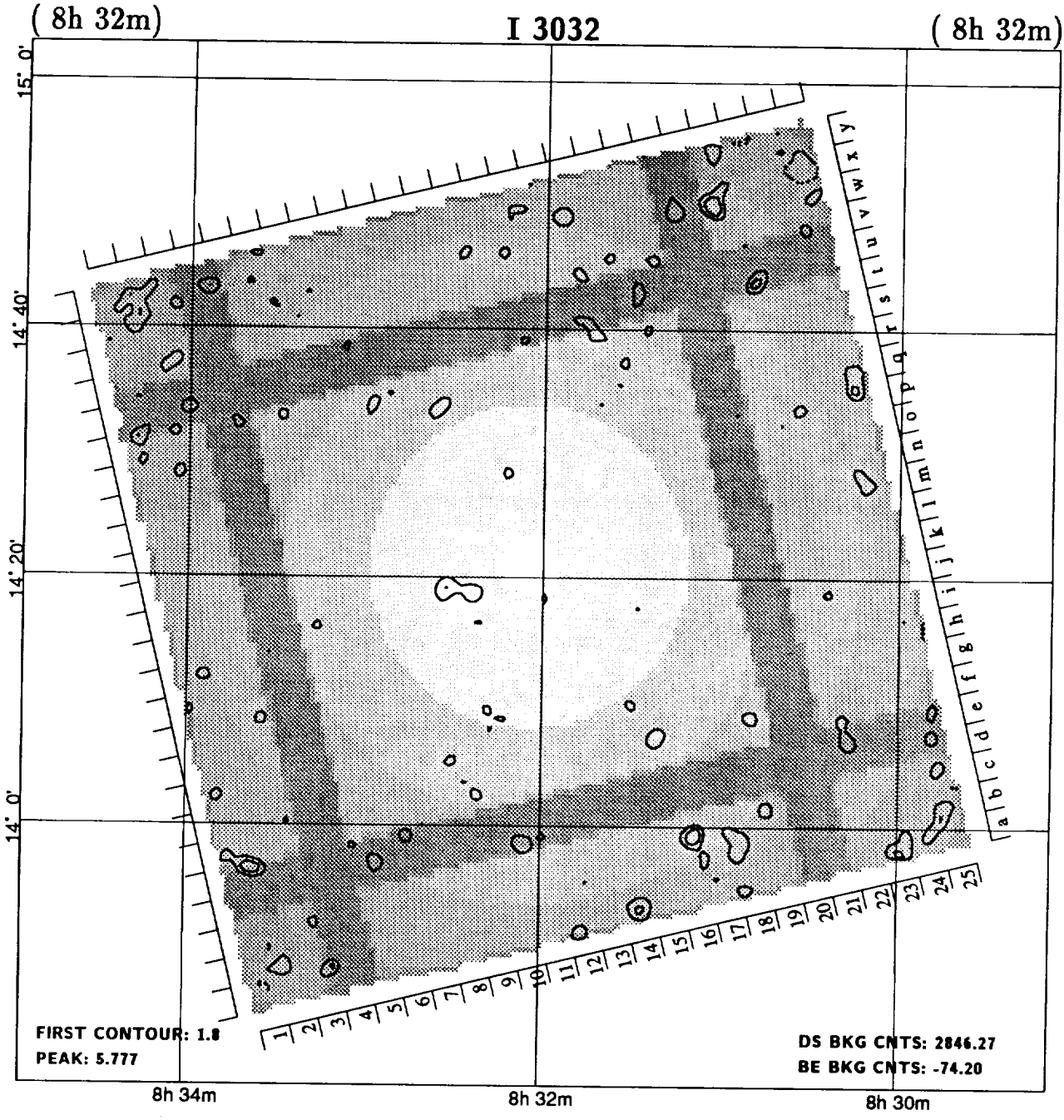


NEW VELA SNR FIELDS: PRIORITY 2

FIELD CENTER: $08^h32^m00.0^s$ $-44°29'59''$ (B1950)
$08^h33^m42.0^s$ $-44°40'19''$ (J2000)
ℓ: 262.97 b: -2.72

DATE: 1980/158 - 1980/158
LIVETIME: 1220.7s
ROLL ANGLE: 48.2°

NH: 4.5E+21
REF/ID: SNR
FIELD FLAGS: LST



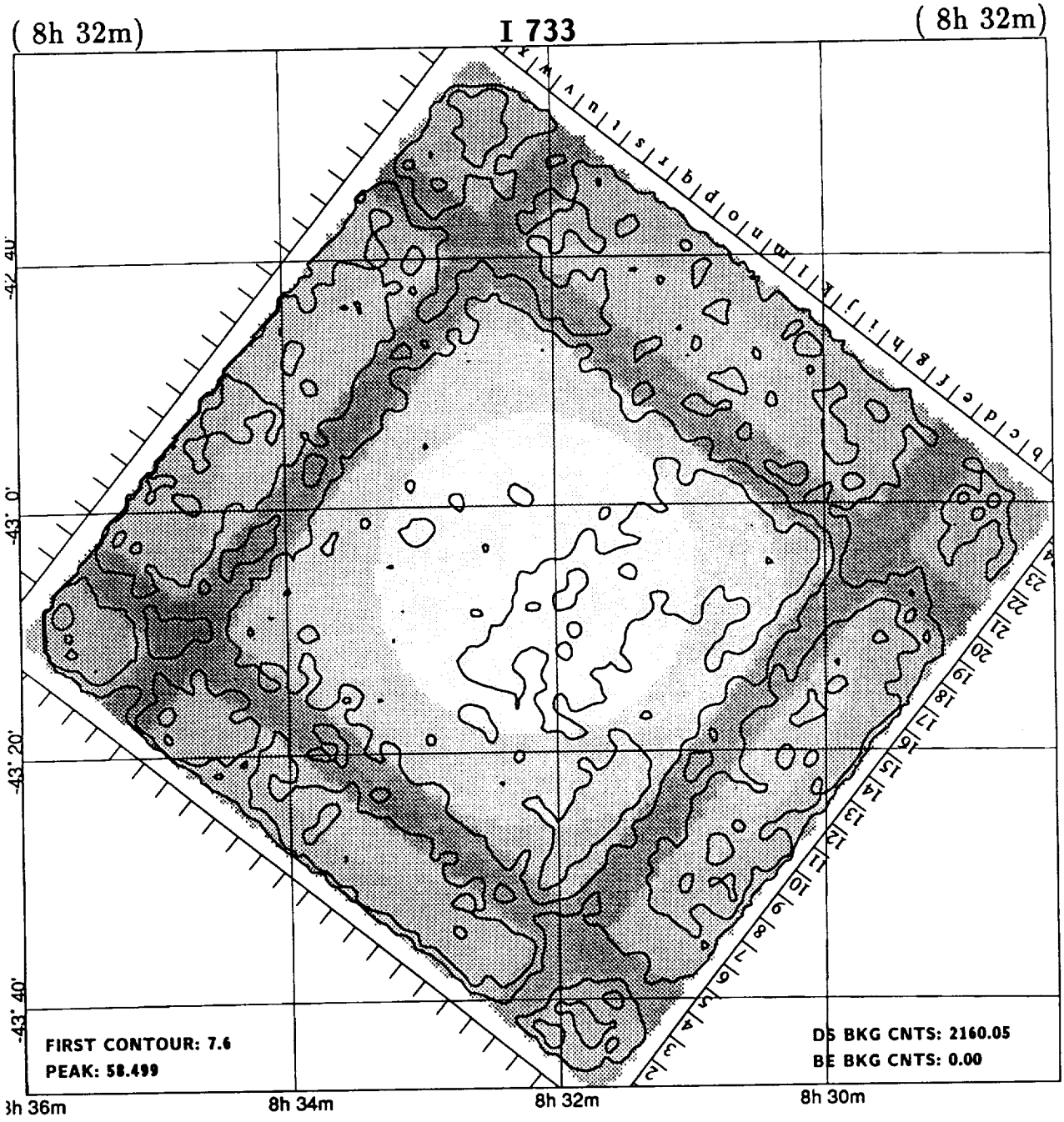
4C14.27: HIGH REDSHIFT CLUSTERS OF GALAXIES

FIELD CENTER: $08^h32^m02.0^s$ $14°20'59''$ (B1950)
$08^h34^m49.0^s$ $14°10'38''$ (J2000)
ℓ: 211.27 b: 29.20

DATE: 1979/296 - 1979/296
LIVETIME: 2306.4s
ROLL ANGLE: -103.7°

NH: 4.1E+20
REF/ID:
FIELD FLAGS:

(8h 32m) I 733 (8h 32m)

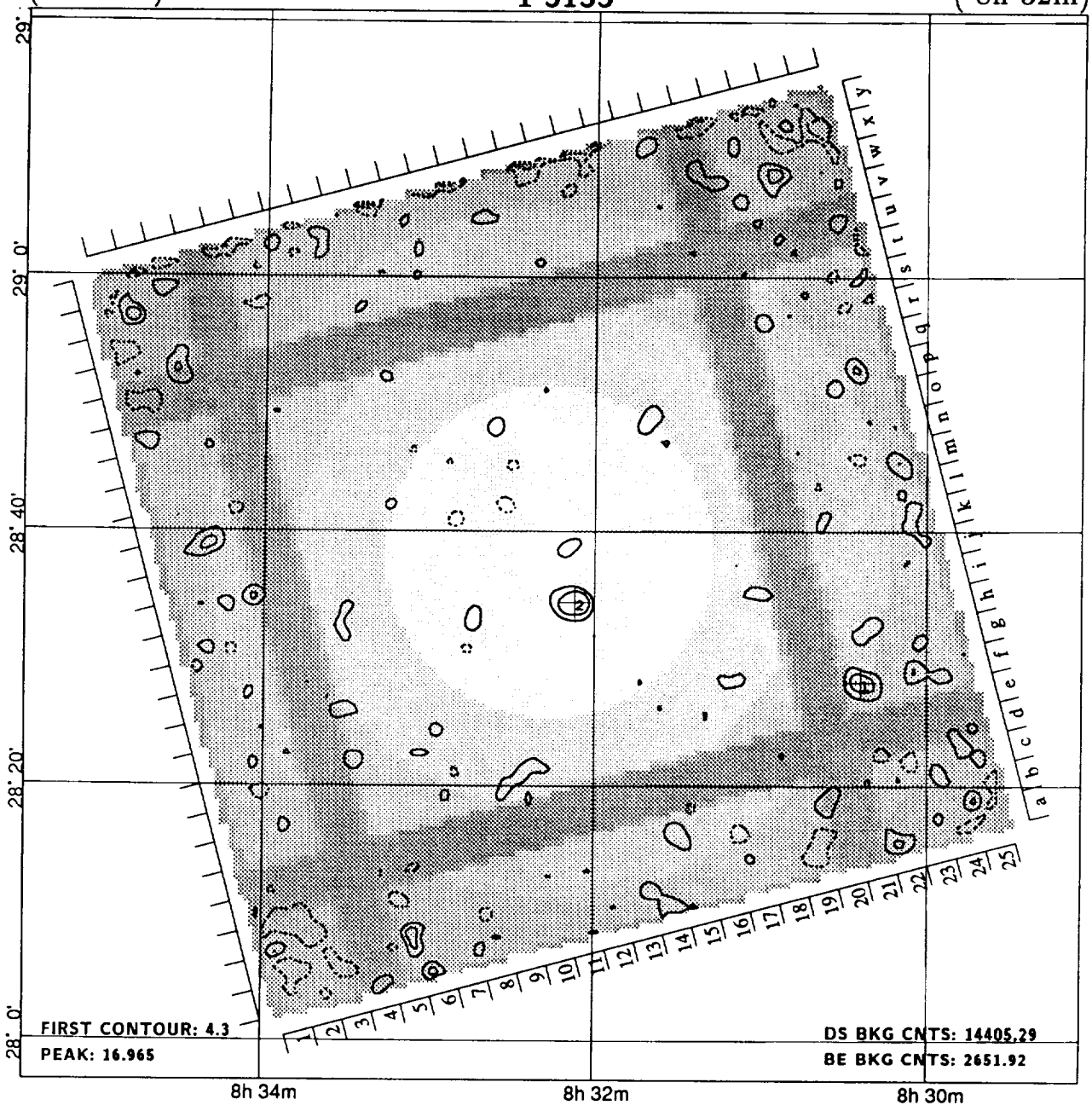


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h32^m08.0^s$ $-43°04'59''$ (B1950)
$08^h33^m52.5^s$ $-43°15'20''$ (J2000)
ℓ: 261.85 b: -1.85

DATE: 1978/353 - 1978/353
LIVETIME: 1750.4s
ROLL ANGLE: -141.6°

NH: 6.8E+21
REF/ID: SNR
FIELD FLAGS: DLST



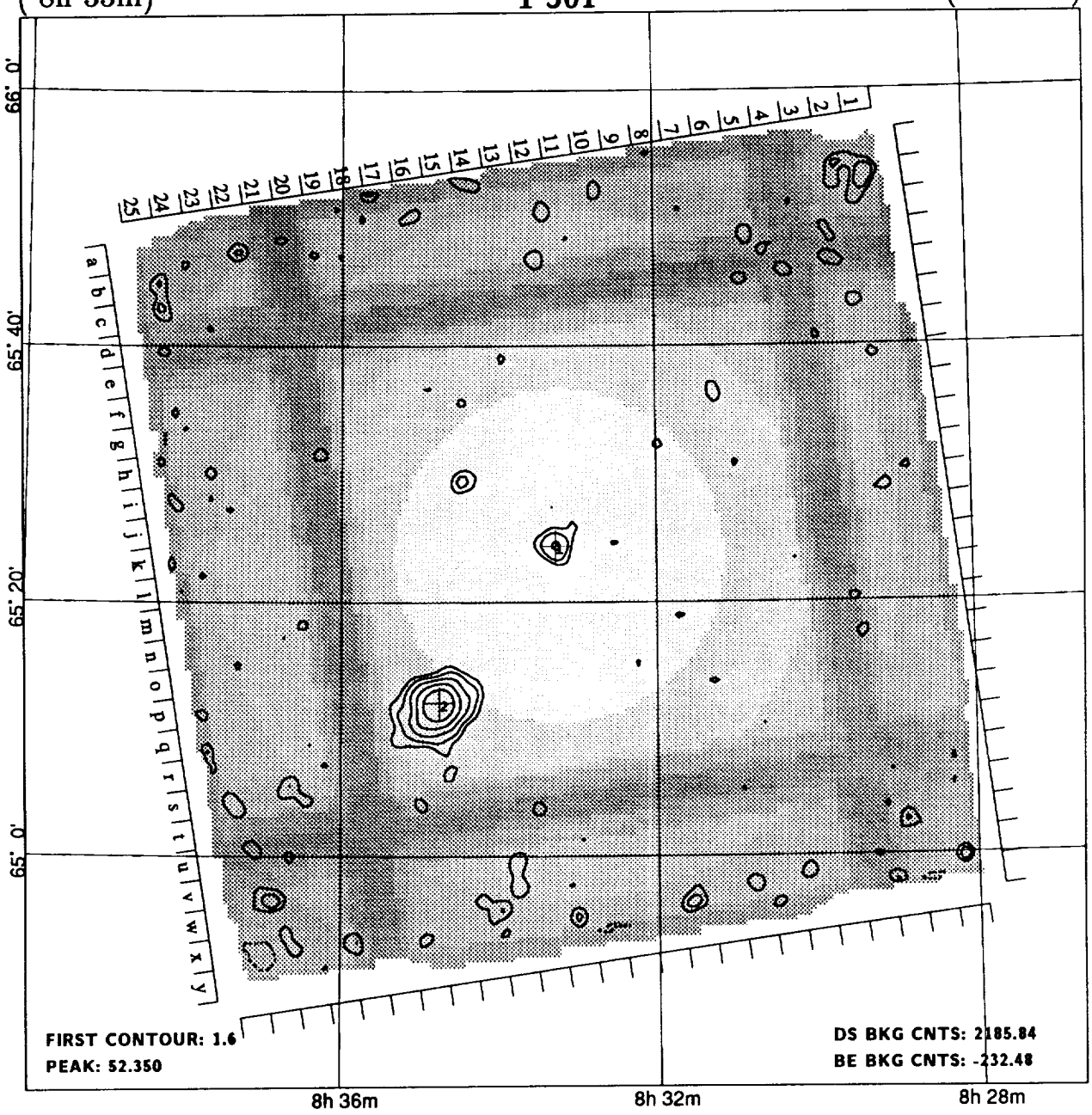
GALAXY NGC 2608

FIELD CENTER: $08^h32^m15.6^s$ $28°38'47''$ (B1950)
$08^h35^m17.8^s$ $28°28'24''$ (J2000)
ℓ: 195.46 b: 34.05

DATE: 1979/298 - 1979/298
LIVETIME: 11673.0s
ROLL ANGLE: -104.8°

NH: 4.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2007	1	08 30 23.7	28 28 10	55	*0.0070	0.0017	33.0	28.0	4.2	0.8	601	26.6	H	
2009	2	08 32 07.1	28 34 24	35	0.0080	0.0013	67.5	48.5	6.3	0.9	0	4.7	H	



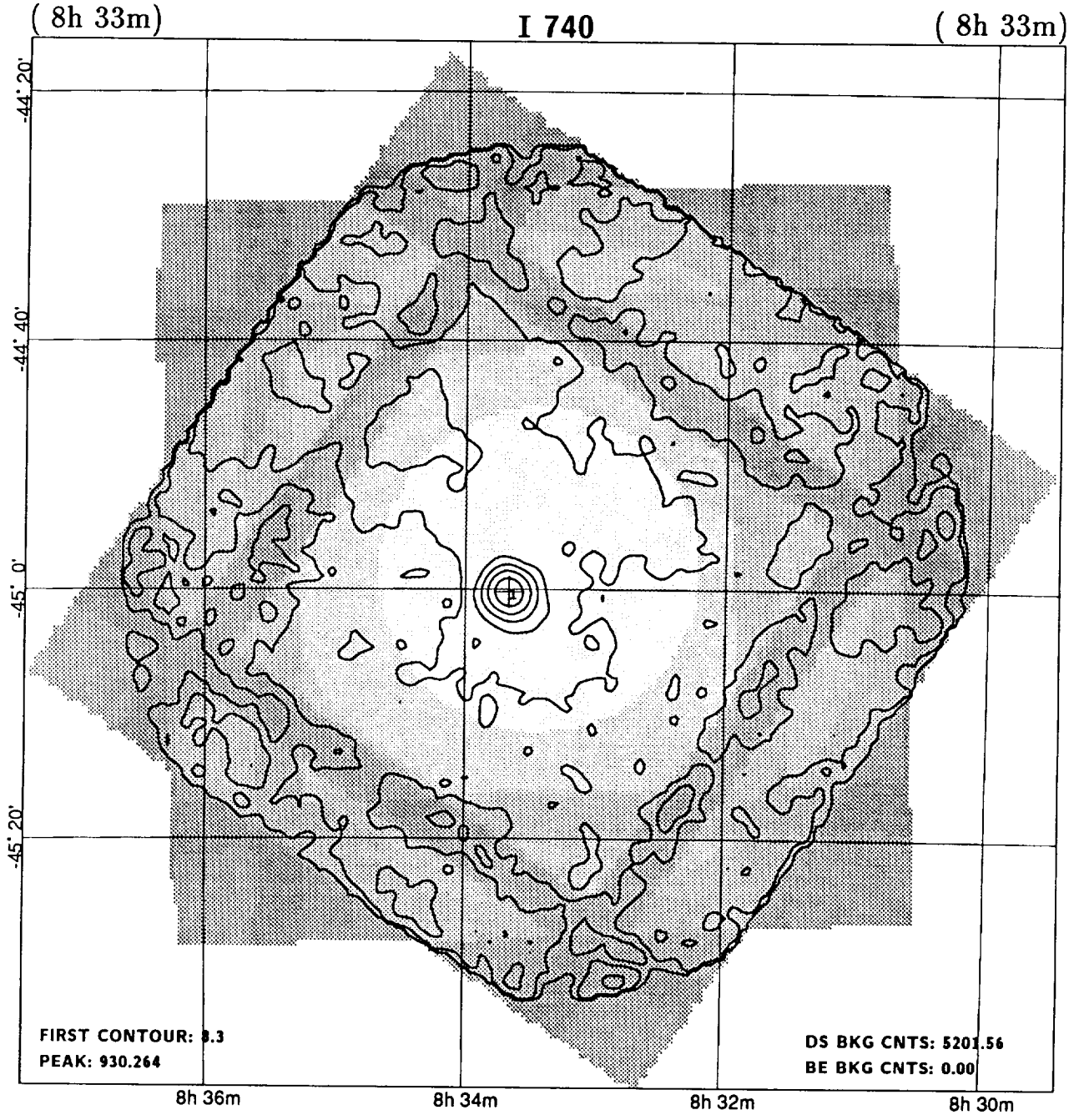
3CR 204 (QSO 0833+654) QUASAR SURVEY

FIELD CENTER: $08^h33^m18.0^s$ $65°24'03''$ (B1950)
$08^h37^m44.8^s$ $65°13'34''$ (J2000)
ℓ: 150.34 b: 35.51

DATE: 1979/119 - 1979/119
LIVETIME: 1771.3s
ROLL ANGLE: 81.8°

NH: 4.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2012	1	08 33 17.1	65 24 21	36	0.0204	0.0043	27.0	5.0	4.8	0.8	0	0.2	AH	Q
2018	2	08 34 45.7	65 12 03	47	0.182	0.013	191.3	3.7	13.7	1.5	0	15.0	AH	S



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h33^m25.0^s$ $-44°57'59''$ (B1950)
$08^h35^m06.4^s$ $-45°08'24''$ (J2000)
ℓ: 263.50 b: -2.80

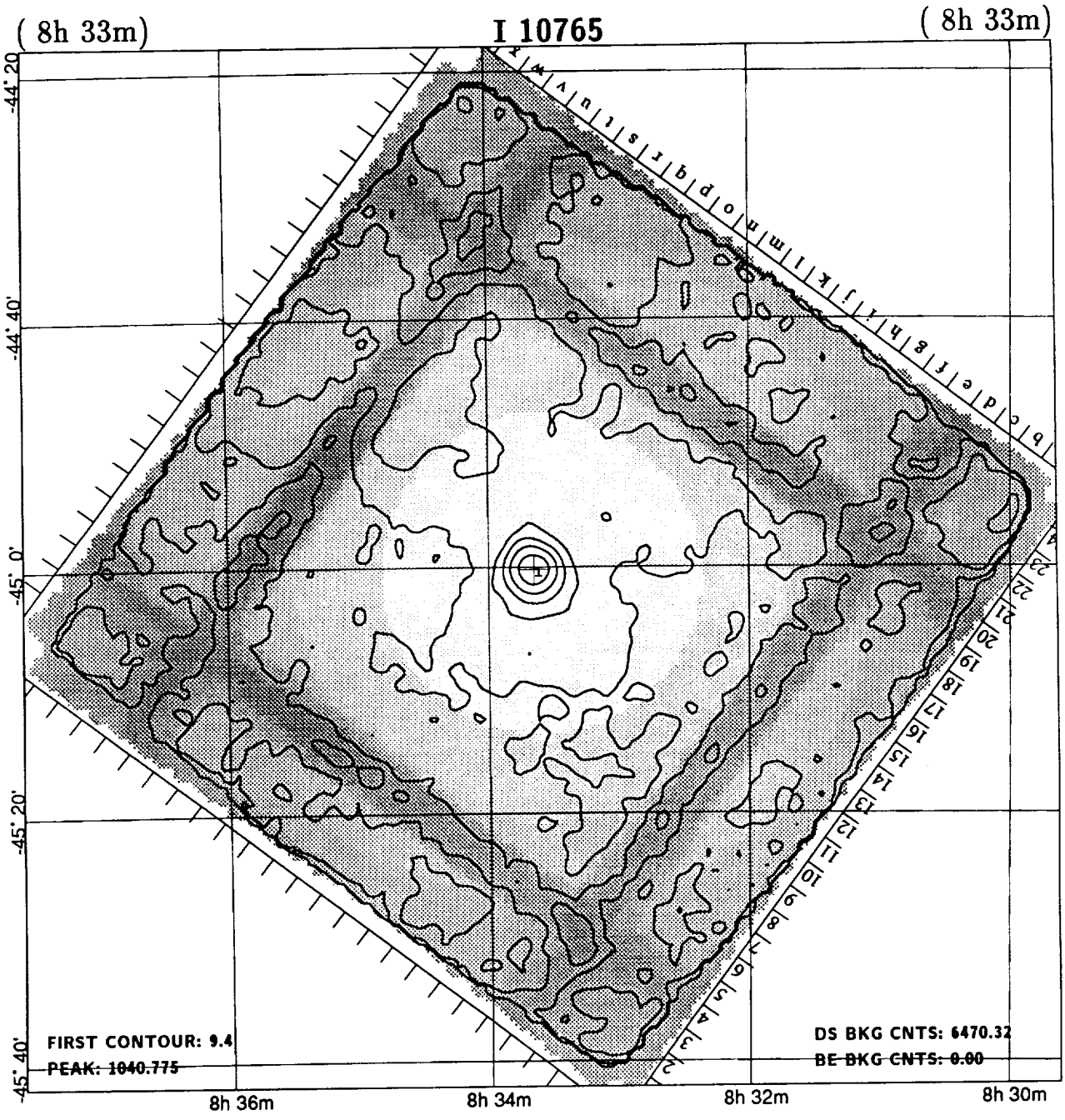
DATE: 1978/357 - 1979/298
LIVETIME: 4215.0s

NH: 3.9E+21
REF/ID: SNR
FIELD FLAGS: DLT

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2014	1L	08 33 39.9	-45 00 12	31	1.059	0.024	3260.2	929.8	43.2	19.7	0	3.4	A	P

C-2

(8h 33m) **I 10765** (8h 33m)



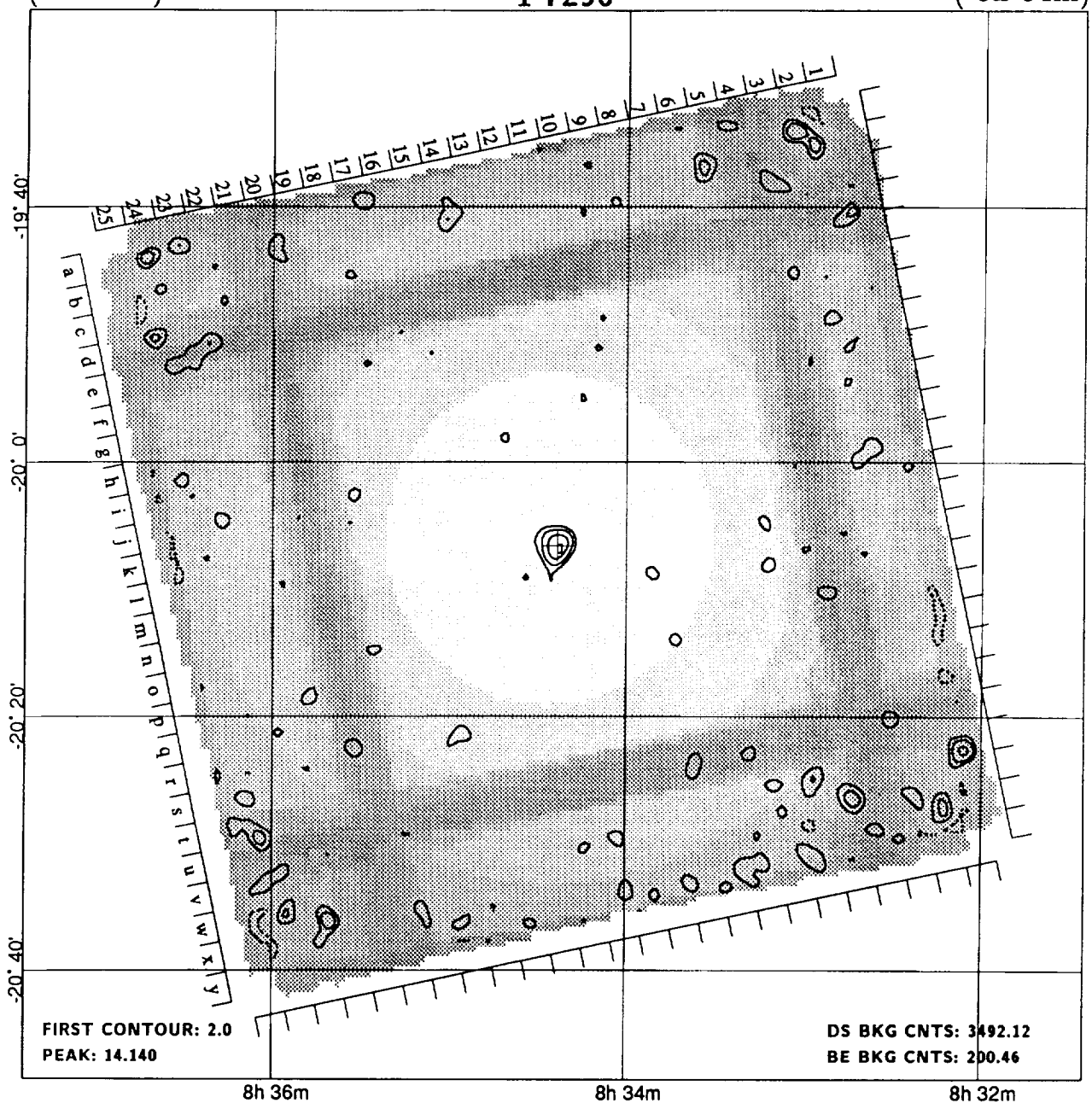
VELA PULSAR STUDY

FIELD CENTER: $08^h33^m36.0^s$ $-44°59'59''$ (B1950)
$08^h35^m17.3^s$ $-45°10'25''$ (J2000)
ℓ: 263.54 b: -2.79

DATE: 1978/352 - 1978/357
LIVETIME: 5243.3s
ROLL ANGLE: -143.2°

NH: 3.8E+21
REF/ID: SNR
FIELD FLAGS: DLT

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2014	1L	08 33 39.0	-45 00 13	31	0.929	0.021	3624.8	1434.2	43.1	22.5	0	0.6	A	P



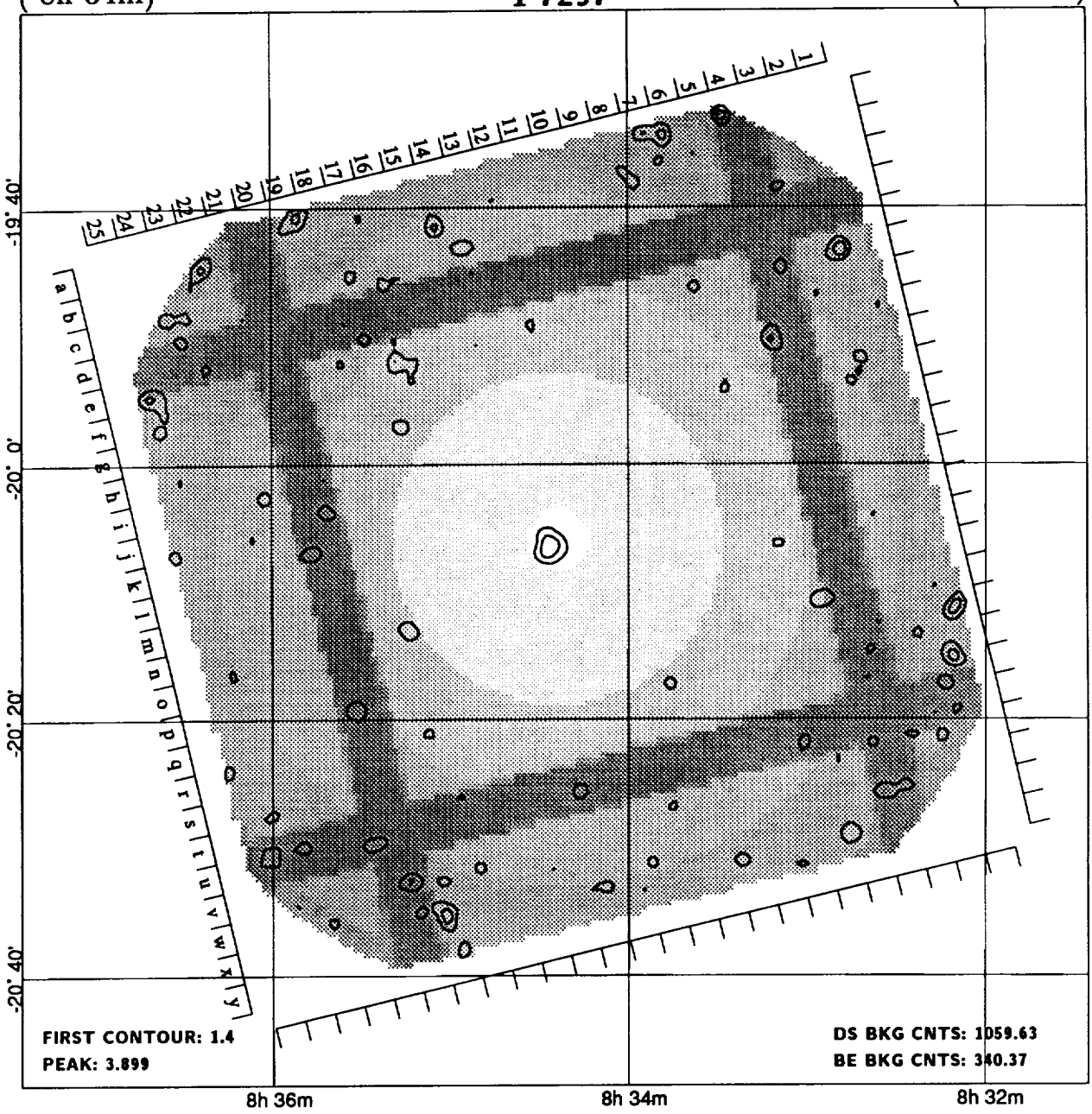
0834-20, LOW FREQ. VAR. EXTRAGAL. RADIO SOURCE

FIELD CENTER: $08^h34^m24.7^s$ $-20°06'34''$ (B1950)
$08^h36^m39.3^s$ $-20°17'03''$ (J2000)
ℓ: 243.57 b: 12.23

DATE: 1980/114 - 1980/122
LIVETIME: 2931.4s
ROLL ANGLE: 78.1°

NH: 7.6E+20
REF/ID:
FIELD FLAGS: C

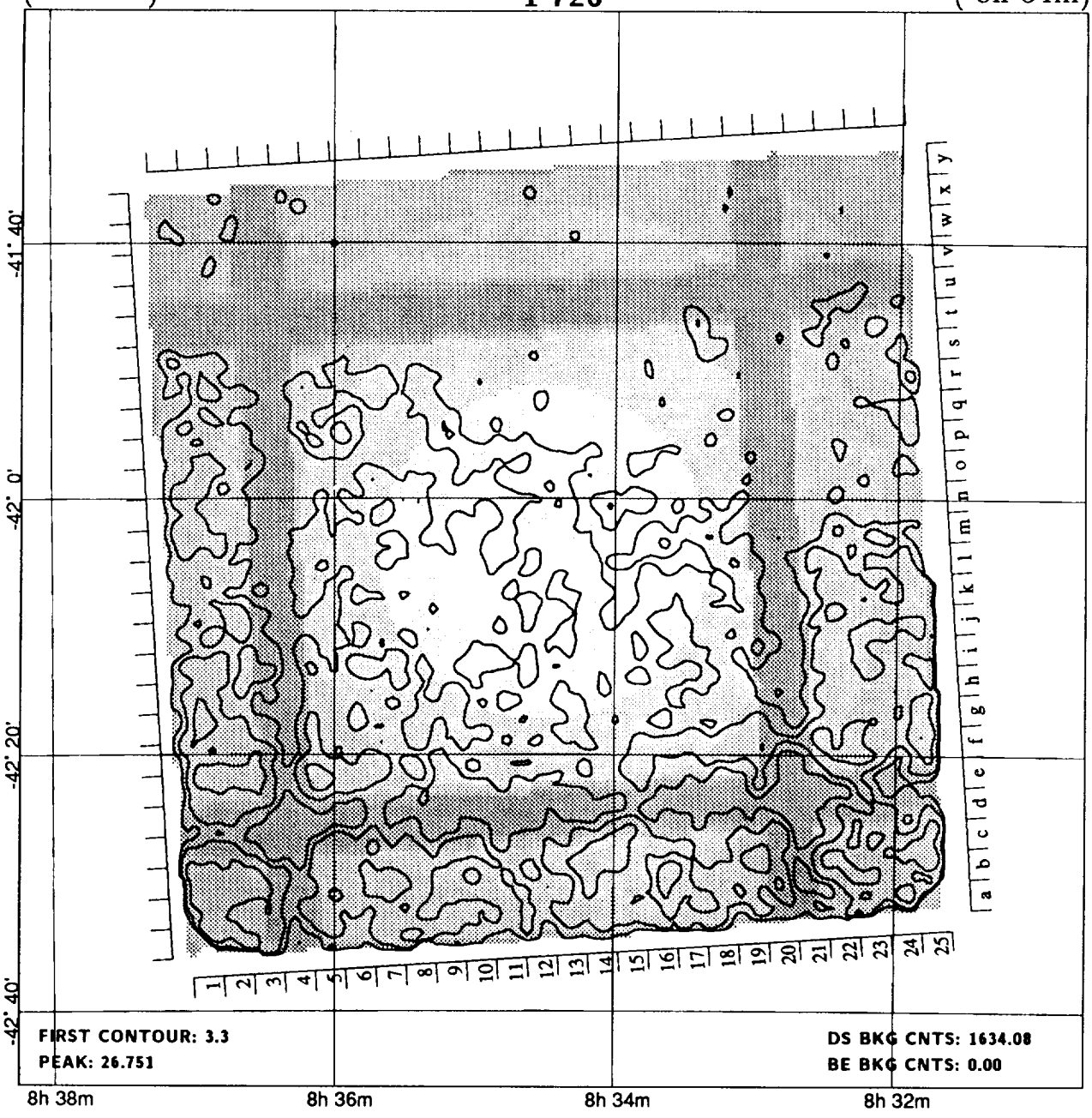
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2016	1	08 34 23.3	-20 06 36	35	0.0263	0.0037	57.5	8.5	7.1	0.9	0	0.4	H	



0834-20, LOW FREQ. VAR. EXTRAGAL. RADIO SOURCE

FIELD CENTER:	$08^h34^m24.7^s$ -20°06′34″ (B1950)	DATE: 1981/ 97 - 1981/ 98	NH: 7.6E+20
	$08^h36^m39.3^s$ -20°17′03″ (J2000)	LIVETIME: 858.6s	REF/ID:
	ℓ: 243.57 b: 12.23	ROLL ANGLE: 76.6°	FIELD FLAGS: CL

(8h 34m) I 726 (8h 34m)

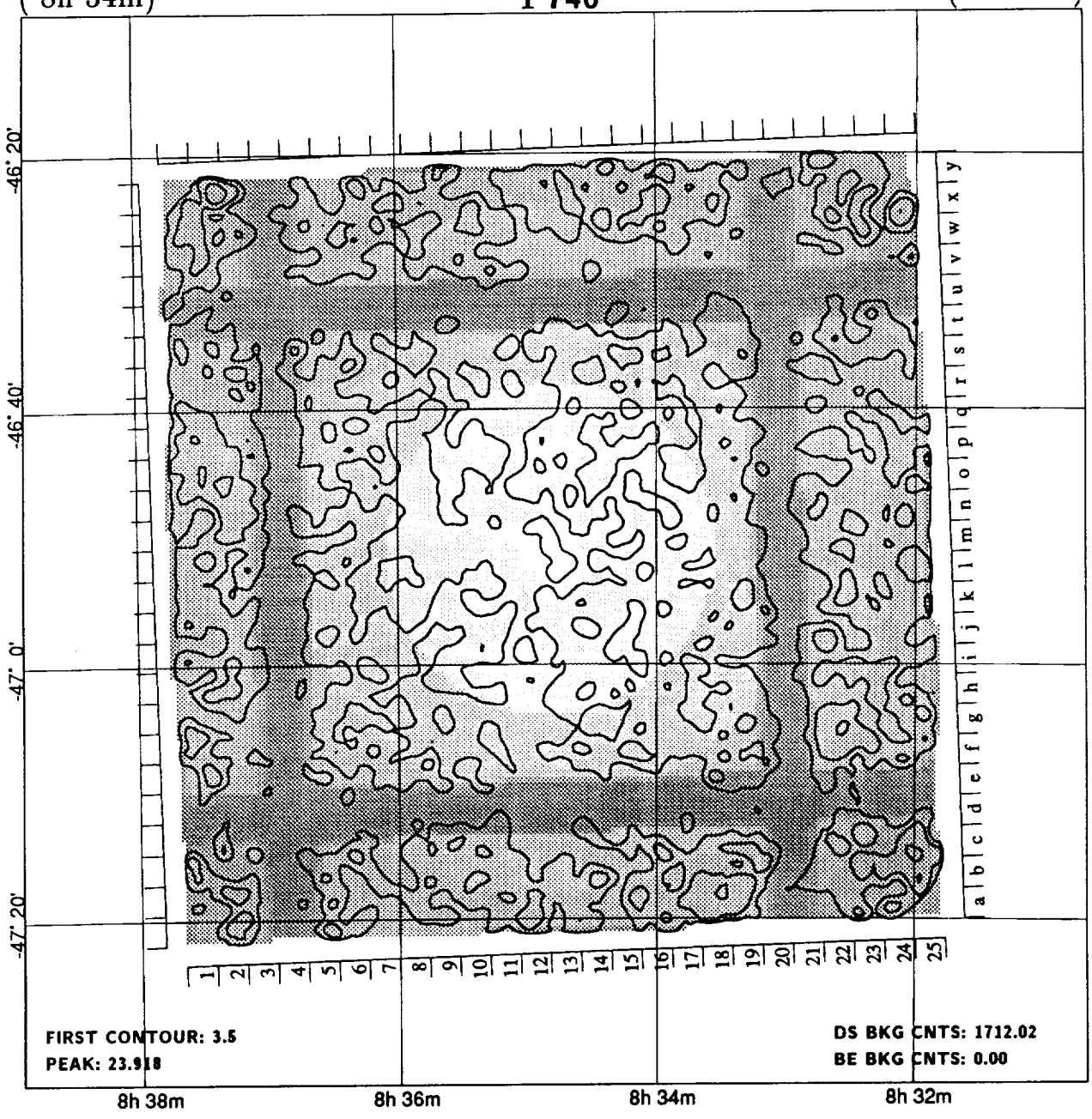


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h34^m27.0^s$ $-42°03'59''$ (B1950)
$08^h36^m13.6^s$ $-42°14'28''$ (J2000)
ℓ: 261.30 b: -0.90

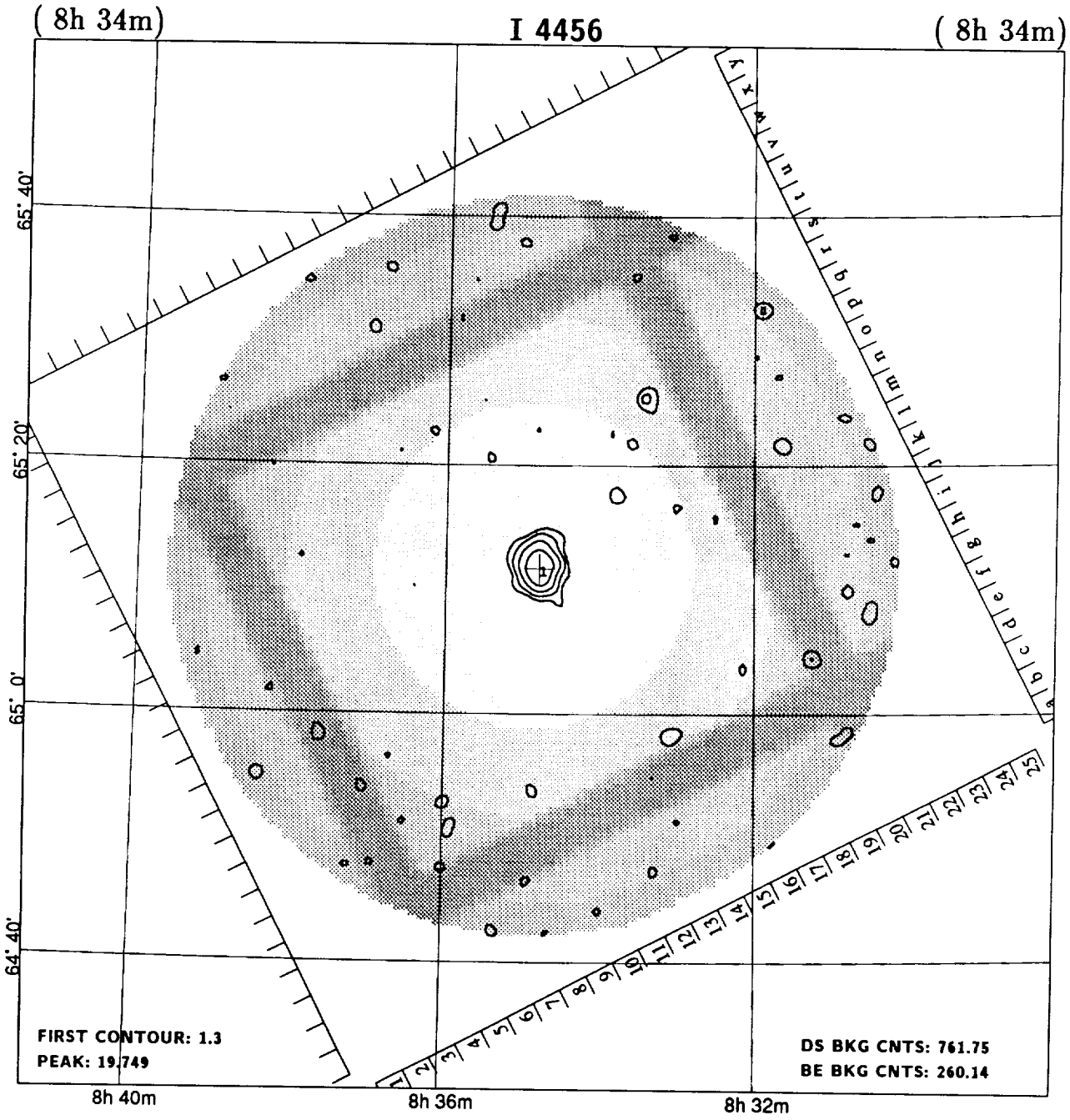
DATE: 1979/299 - 1979/299
LIVETIME: 1324.1s
ROLL ANGLE: -93.6°

NH: 7.2E+21
REF/ID: SNR
FIELD FLAGS: LST



VELA X SNR X-RAY STUDY

FIELD CENTER:	$08^h34^m47.0^s$ -46°50′59″ (B1950)	DATE: 1979/298 - 1979/298	NH: 2.3E+21
	$08^h36^m25.1^s$ -47°01′29″ (J2000)	LIVETIME: 1387.3s	REF/ID: SNR
	ℓ: 265.15 b: -3.75	ROLL ANGLE: -91.9°	FIELD FLAGS: LS



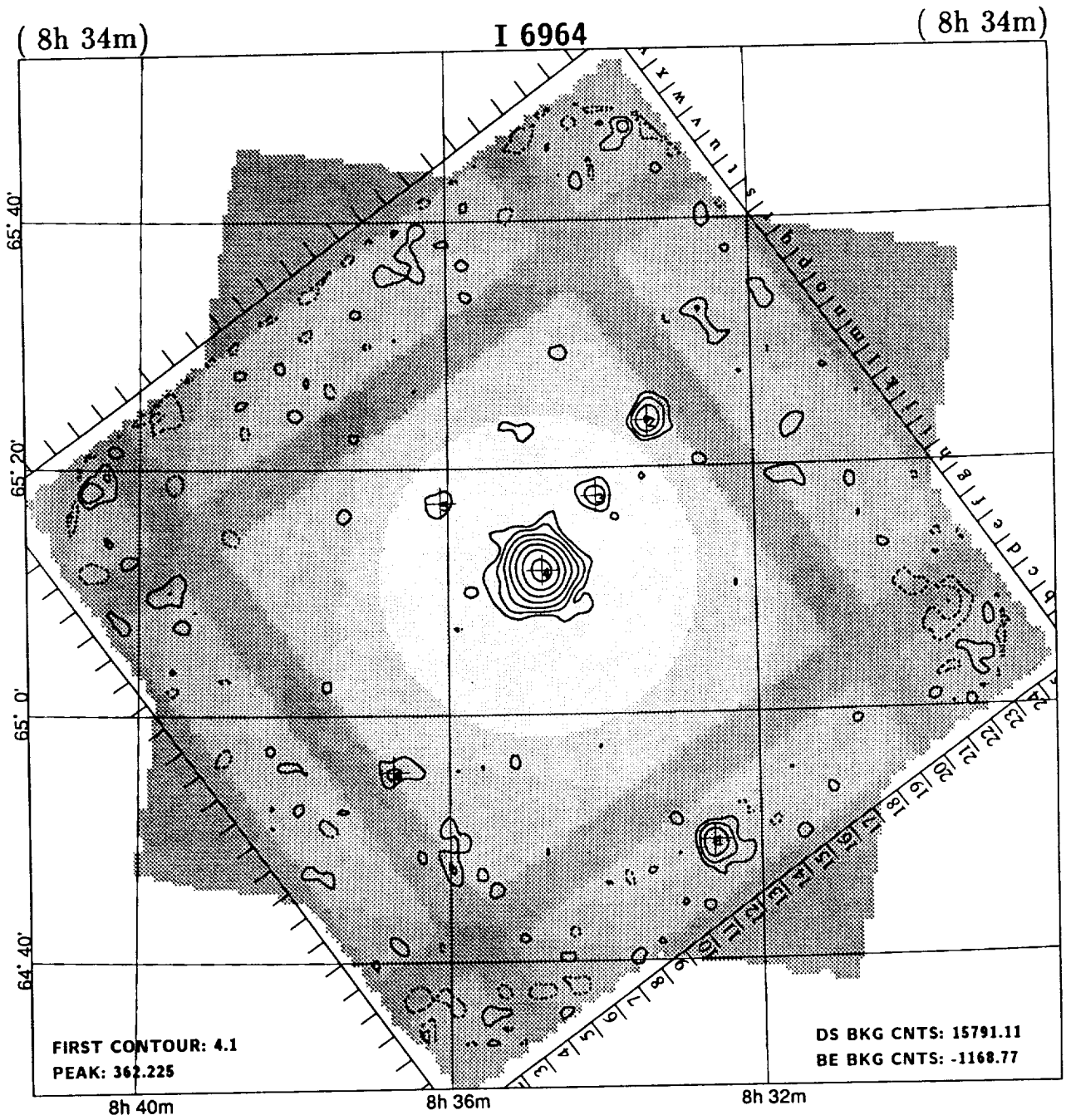
PI UMA, CORRELLATION OF X RAYS WITH STELLAR WIND AND ROTATION

FIELD CENTER: $08^h34^m47.0^s$ $65°11'44''$ (B1950)
$08^h39^m12.2^s$ $65°01'10''$ (J2000)
ℓ: 150.55 b: 35.71

DATE: 1979/278 - 1979/278
LIVETIME: 617.3s
ROLL ANGLE: -117.4°

NH: 4.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2018	1	08 34 47.3	65 11 46	31	0.200	0.021	92.2	2.8	9.5	1.5	0	0.4	AH	S



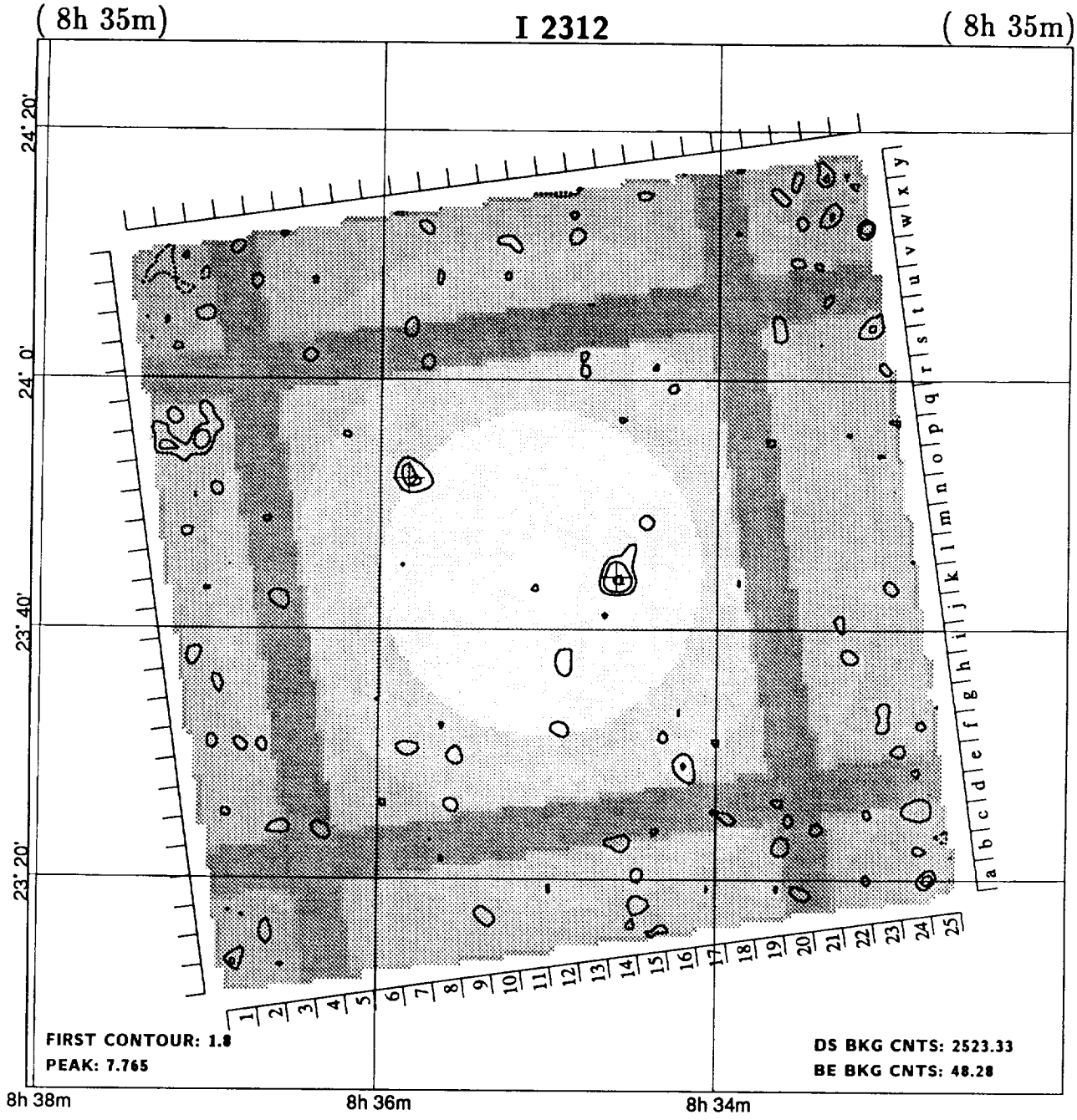
PI2 UMA,STELLAR X-RAY VARIABILITY STUDIES

FIELD CENTER: $08^h34^m47.0^s$ $65°11'46''$ (B1950)
$08^h39^m12.2^s$ $65°01'12''$ (J2000)
ℓ: 150.55 b: 35.71

DATE: 1980/268 - 1980/268
LIVETIME: 12796.1s
ROLL ANGLE: -126.1°

NH: 4.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2010	1	08 32 35.8	64 49 41	50	0.0142	0.0018	76.3	21.7	7.7	1.1	0	25.9	H	
2012	2	08 33 22.8	65 23 48	38	*0.0134	0.0015	100.6	27.4	8.9	1.0	401	14.9	AH	Q
2015	3	08 34 04.0	65 17 42	42	0.0057	0.0010	49.9	33.1	5.5	0.8	0	7.6	H	
2018	4	08 34 46.9	65 11 45	31	0.1784	0.0044	1702.2	36.8	40.8	1.5	0	0.2	AH	S
2023	5	08 36 05.7	65 17 13	46	0.00362	0.00095	30.8	35.2	3.8	0.6	0	9.6		
2026	6	08 36 43.3	64 55 25	60	*0.0042	0.0010	27.6	19.4	4.0	1.0	805	20.6	H	



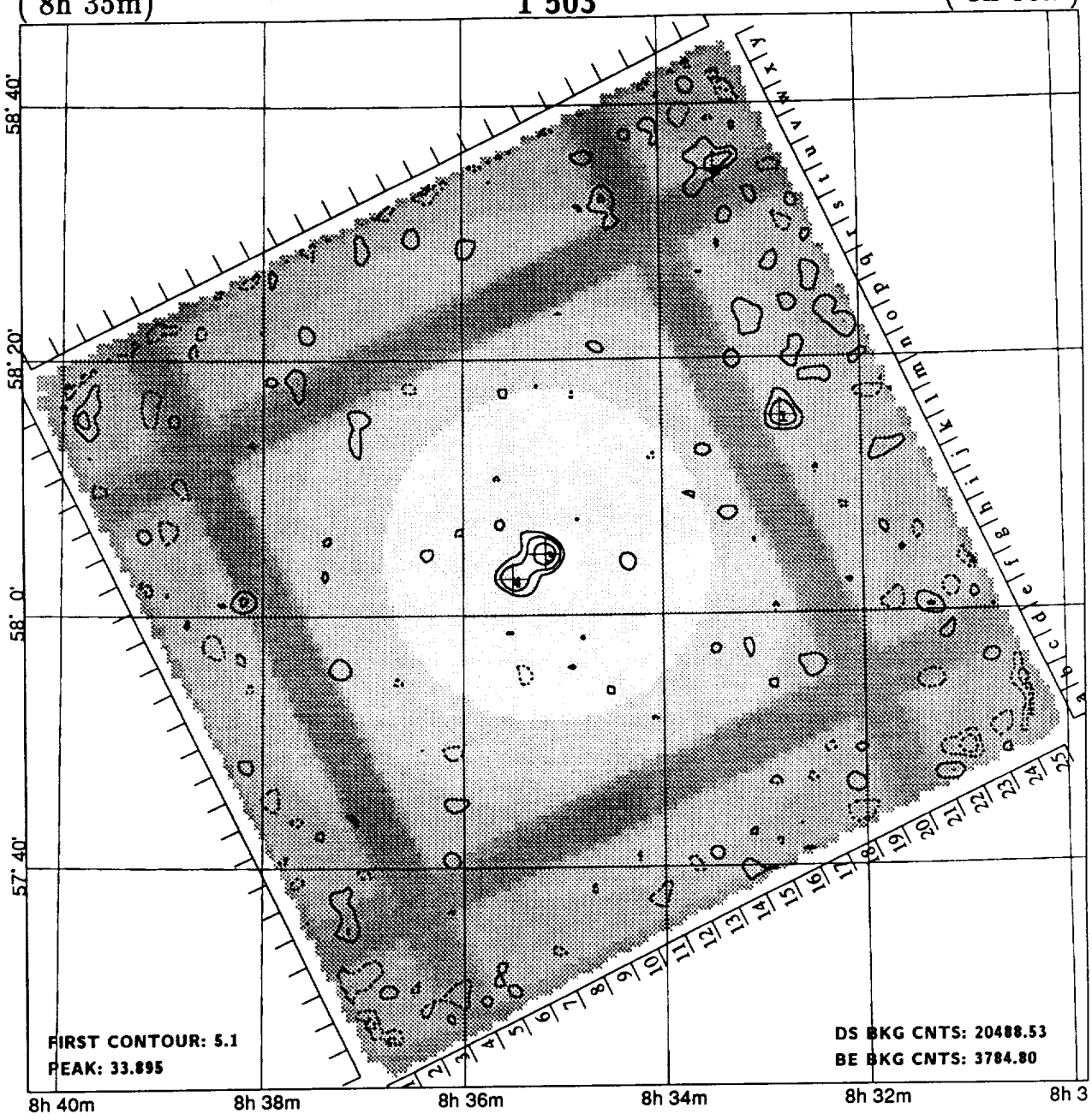
RU CNC: STELLAR SURVEY: RS CVN AND BY DRA STARS

FIELD CENTER: $08^h35^m00.0^s$ $23°44'59''$ (B1950)
$08^h37^m56.4^s$ $23°34'27''$ (J2000)
ℓ: 201.30 b: 33.23

DATE: 1979/301 - 1979/301
LIVETIME: 2044.7s
ROLL ANGLE: -98.0°

NH: 3.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2017	1	08 34 35.8	23 44 13	42	0.0231	0.0044	33.4	6.6	5.3	0.9	0	5.5	H	CV
2021	2	08 35 49.9	23 52 06	47	0.0133	0.0037	16.9	5.1	3.6	0.9	0	13.4	H	



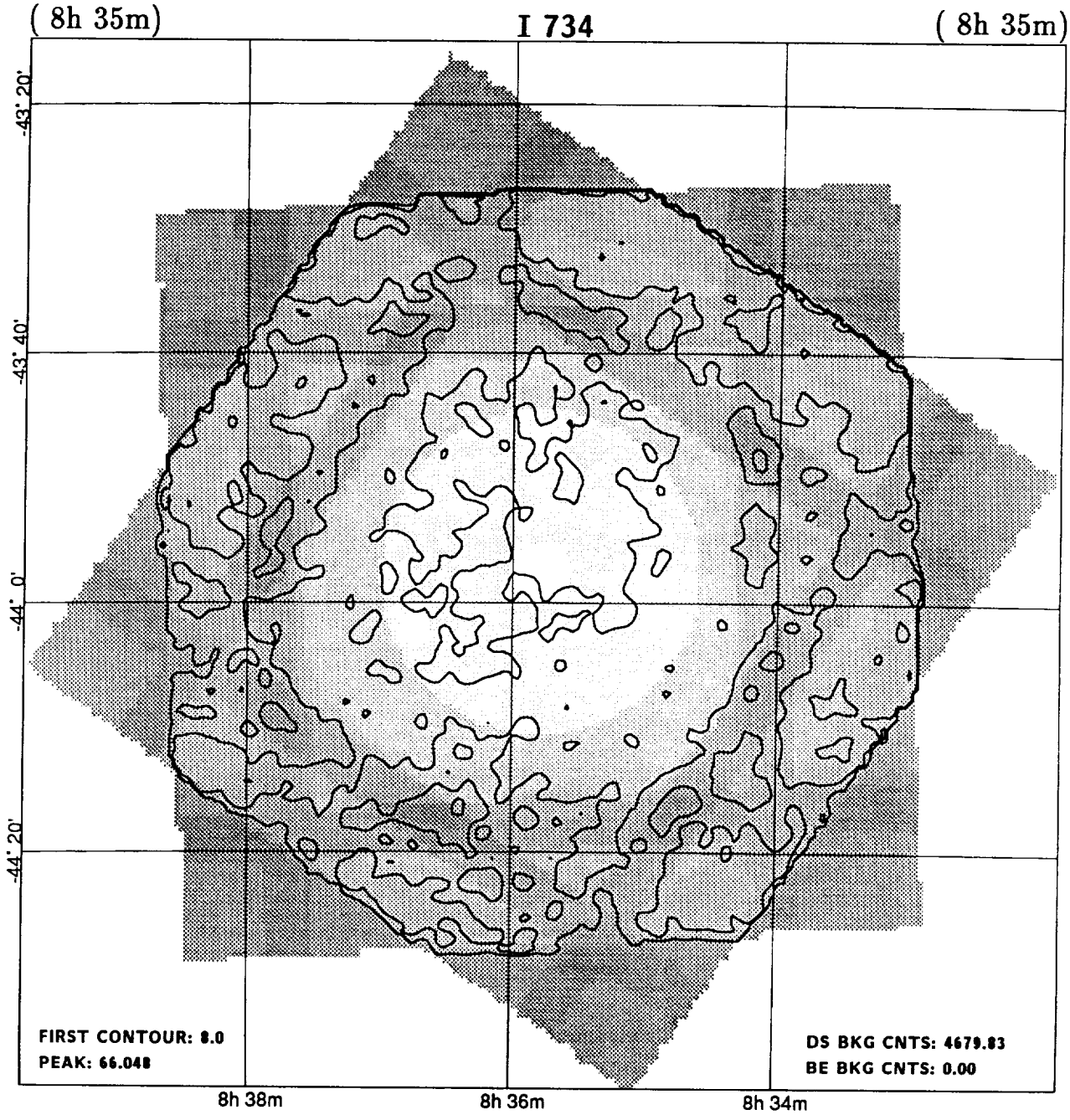
3CR 205 (QSO 0835+580) QUASAR SURVEY

FIELD CENTER: $08^h35^m04.9^s$ $58°04'51''$ (B1950)
$08^h39^m01.4^s$ $57°54'17''$ (J2000)
ℓ: 159.26 b: 36.89

DATE: 1979/277 - 1979/280
LIVETIME: 16602.5s
ROLL ANGLE: -115.9°

NH: 4.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2011	1	08 32 48.8	58 15 32	52	*0.0055	0.0011	44.5	36.5	4.9	0.8	601	20.8	H	
2013	2	08 33 26.8	58 34 53	55	*0.0048	0.0014	23.8	21.2	3.6	1.3	805	32.6	H	
2019	3	08 35 10.5	58 04 45	31	0.0104	0.0011	128.9	58.1	9.4	1.5	0	0.9	H	Q
2020	4	08 35 30.2	58 02 49	35	0.00616	0.00098	74.4	65.6	6.3	2.7	0	3.8	H	



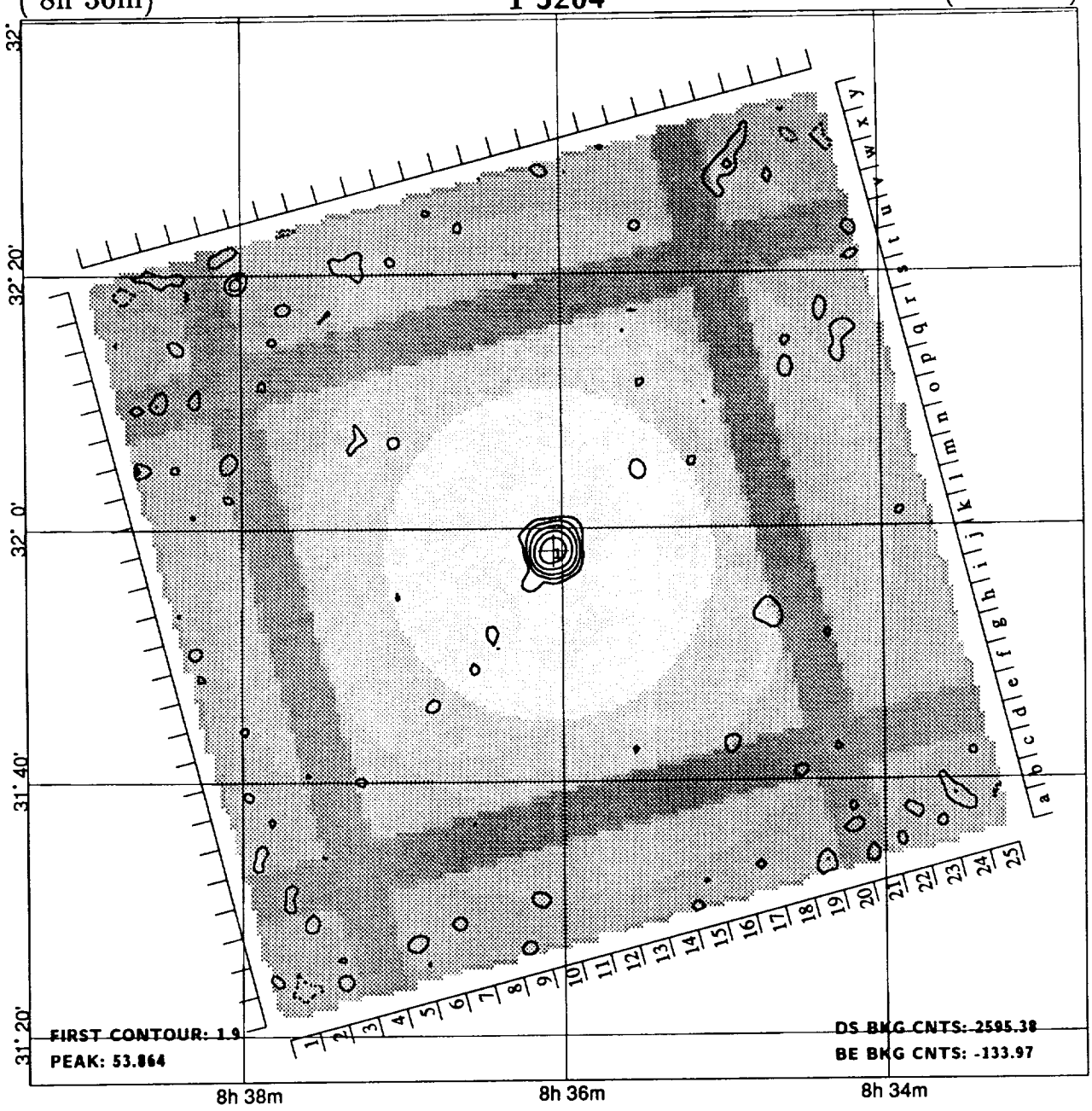
VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h35^m47.0^s$ -43°56'59" (B1950)
$08^h37^m30.6^s$ -44°07'32" (J2000)
ℓ: 262.94 b: -1.85

DATE: 1978/358 - 1979/299
LIVETIME: 3792.2s

NH: 5.9E+21
REF/ID: SNR
FIELD FLAGS: LST

(8h 36m) **I 3204** (8h 36m)



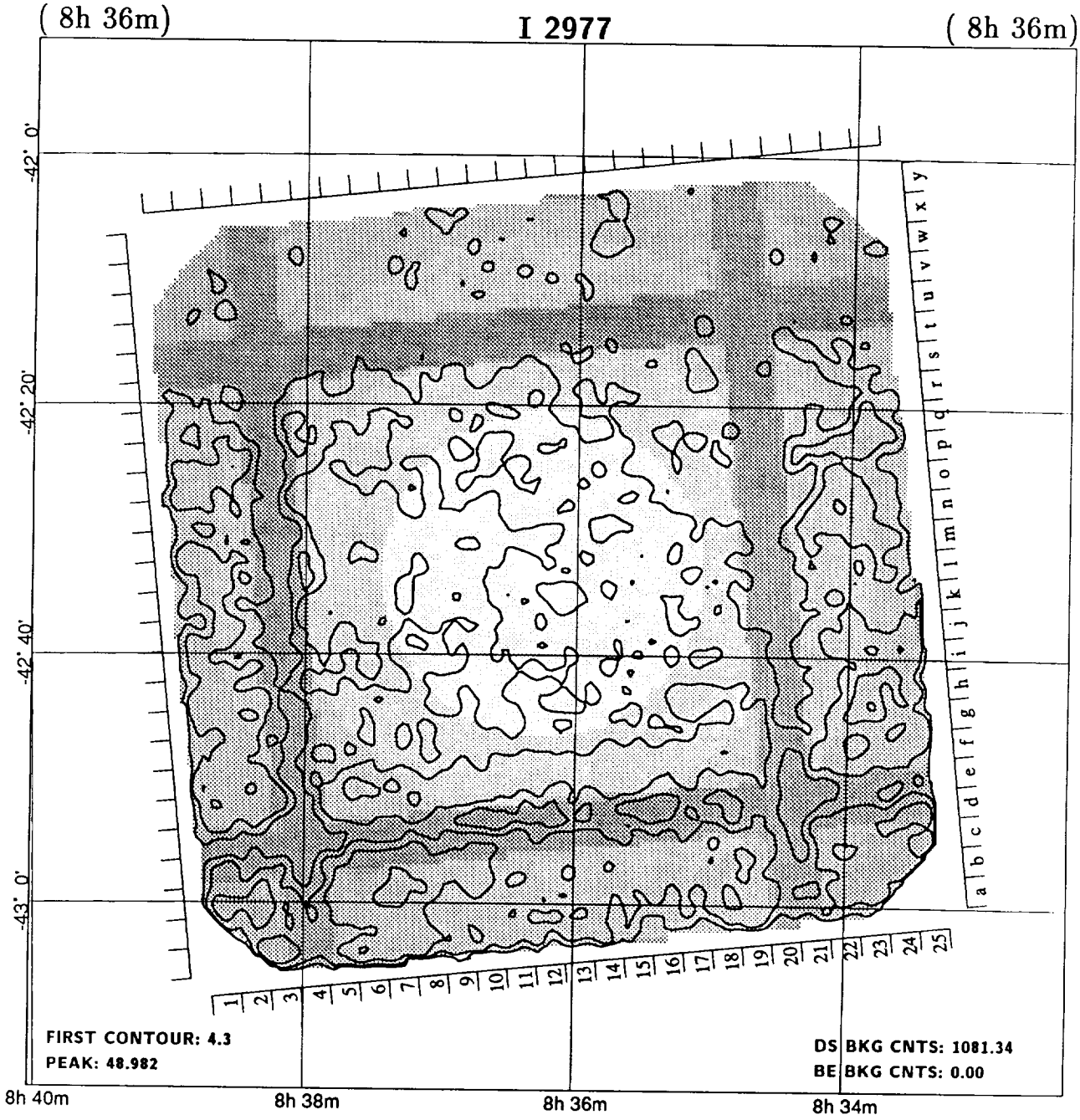
RS CVN SYSTEMS: RZ CNC

FIELD CENTER: $08^h36^m02.5^s$ $31°58'26''$ **(B1950)**
$08^h39^m08.3^s$ $31°47'50''$ **(J2000)**
ℓ: **191.76** b: **35.65**

DATE: 1979/301 - 1979/301
LIVETIME: 2103.1s
ROLL ANGLE: -104.6°

NH: 4.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2022	1	08 36 03.3	31 58 15	31	0.1492	0.0099	234.0	6.0	15.1	1.2	0	0.4	H	CV



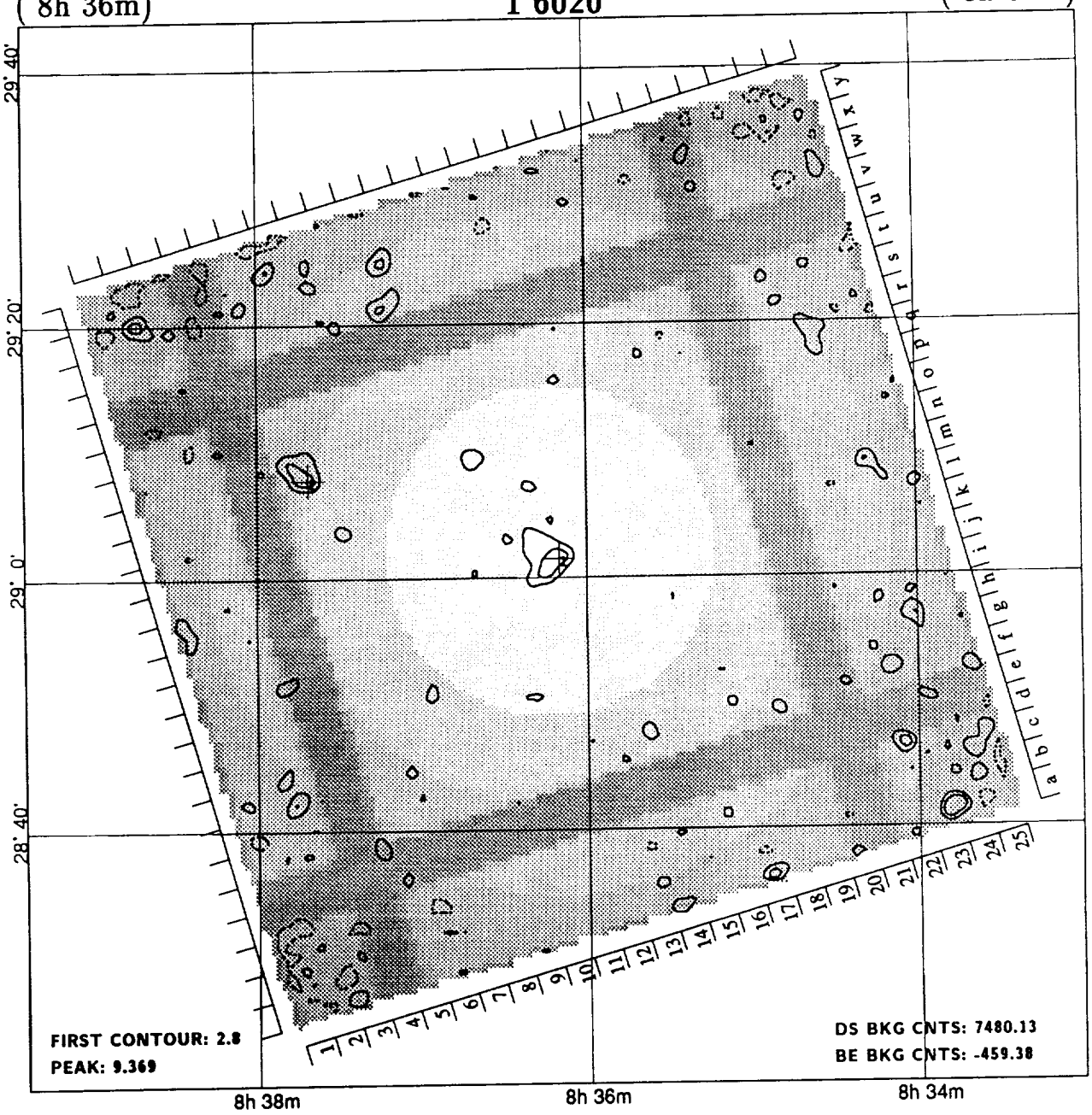
MX AND ARIEL SOURCES: MX0836-42

FIELD CENTER: $08^h36^m12.0^s$ $-42°32'59''$ (B1950)
$08^h37^m58.1^s$ $-42°43'34''$ (J2000)
ℓ: 261.88 b: -0.93

DATE: 1979/302 - 1979/302
LIVETIME: 876.2s
ROLL ANGLE: -95.8°

NH: 6.8E+21
REF/ID: SNR
FIELD FLAGS: LST

(8h 36m) **I 6020** (8h 36m)



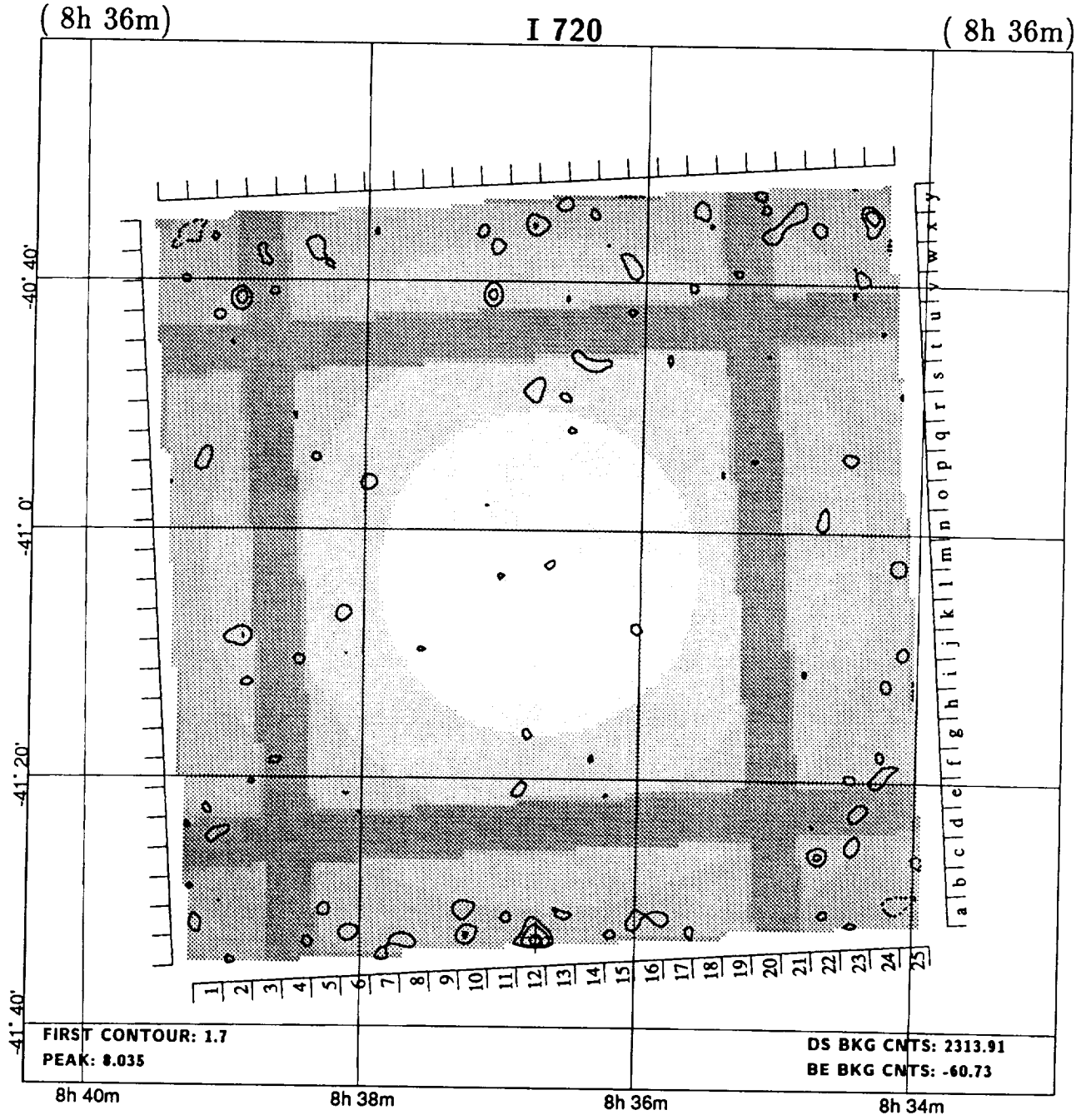
A690,RICH CLUSTERS WITH DOMINANT GALAXIES

FIELD CENTER: $08^h36^m12.0^s$ $29°01'59''$ (B1950)
$08^h39^m14.2^s$ $28°51'23''$ (J2000)
ℓ: 195.27 b: 34.98

DATE: 1980/294 - 1980/294
LIVETIME: 6061.4s
ROLL ANGLE: -106.2°

NH: 4.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2024	1	08 36 10.1	29 01 30	37	0.0068	0.0016	30.6	18.4	4.4	1.4	0	0.7	H	
2029	2	08 37 41.5	29 07 42	55	0.0065	0.0018	19.9	11.1	3.6	1.0	100	20.8	H	



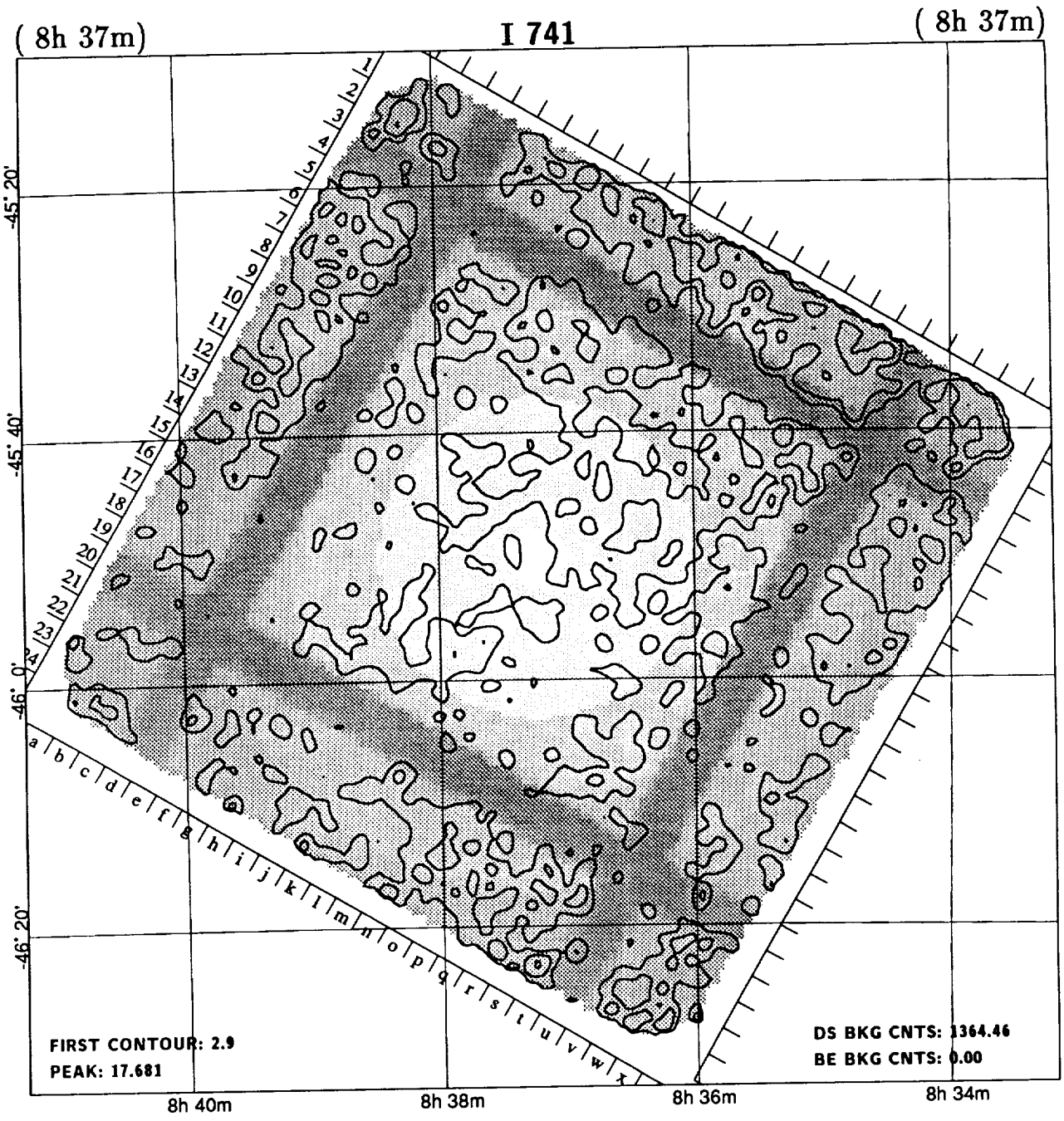
VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h36^m41.0^s$ -41°02'59" (B1950)
$08^h38^m29.6^s$ -41°13'35" (J2000)
ℓ: 260.75 b: 0.05

DATE: 1979/299 - 1979/299
LIVETIME: 1875.0s
ROLL ANGLE: -93.5°

NH: 7.7E+21
REF/ID: SNR
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2025	1	08 36 43.0	-41 32 51	55	*0.0240	0.0068	14.5	2.5	3.5	0.8	703	29.7	H	

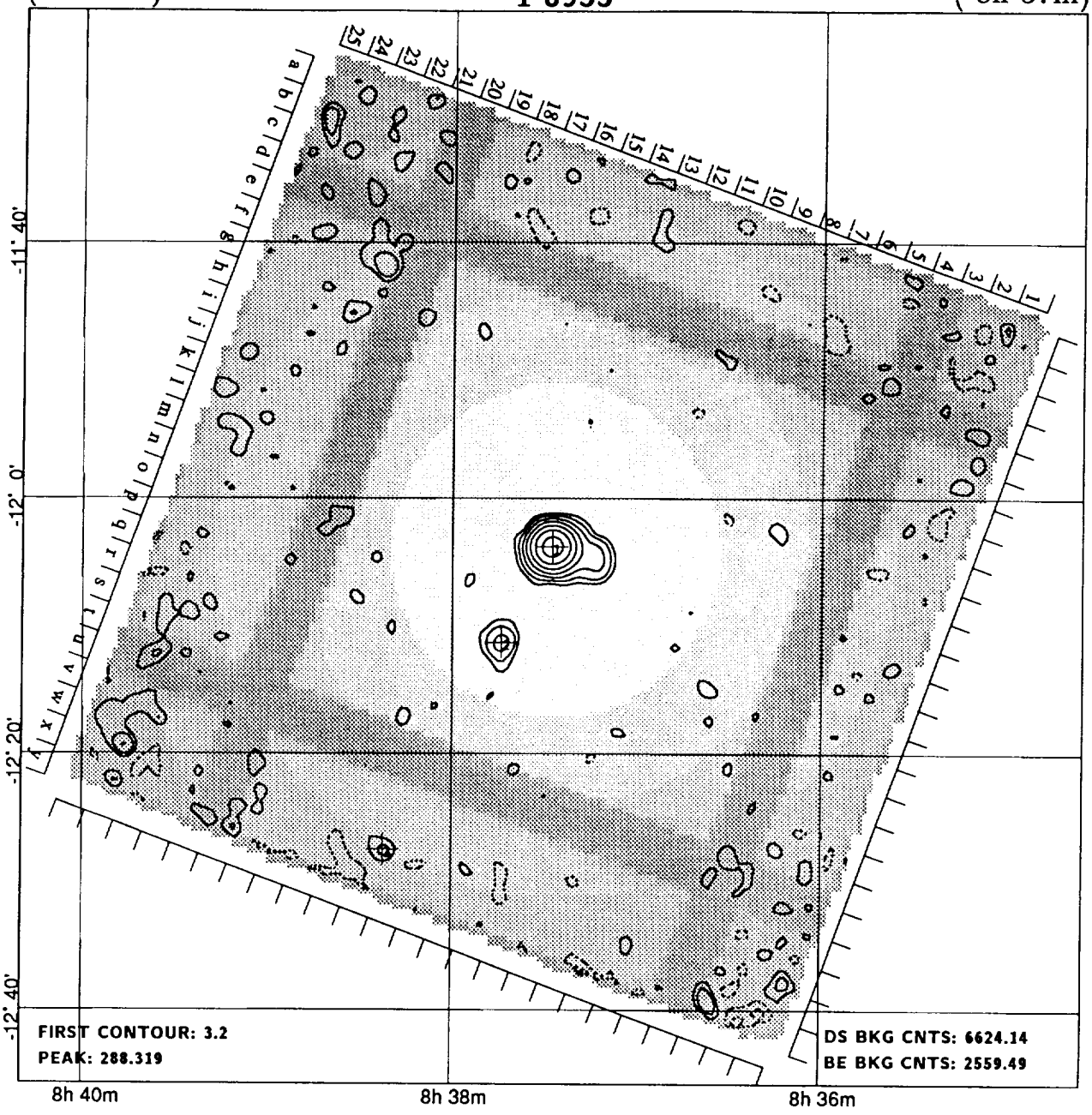


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h37^m13.0^s$ $-45°50'59''$ (B1950)
$08^h38^m53.4^s$ $-46°01'37''$ (J2000)
ℓ: 264.61 b: -2.80

DATE: 1979/172 - 1979/172
LIVETIME: 1105.7s
ROLL ANGLE: 30.3°

NH: 3.1E+21
REF/ID: SNR
FIELD FLAGS: LS



3C 206

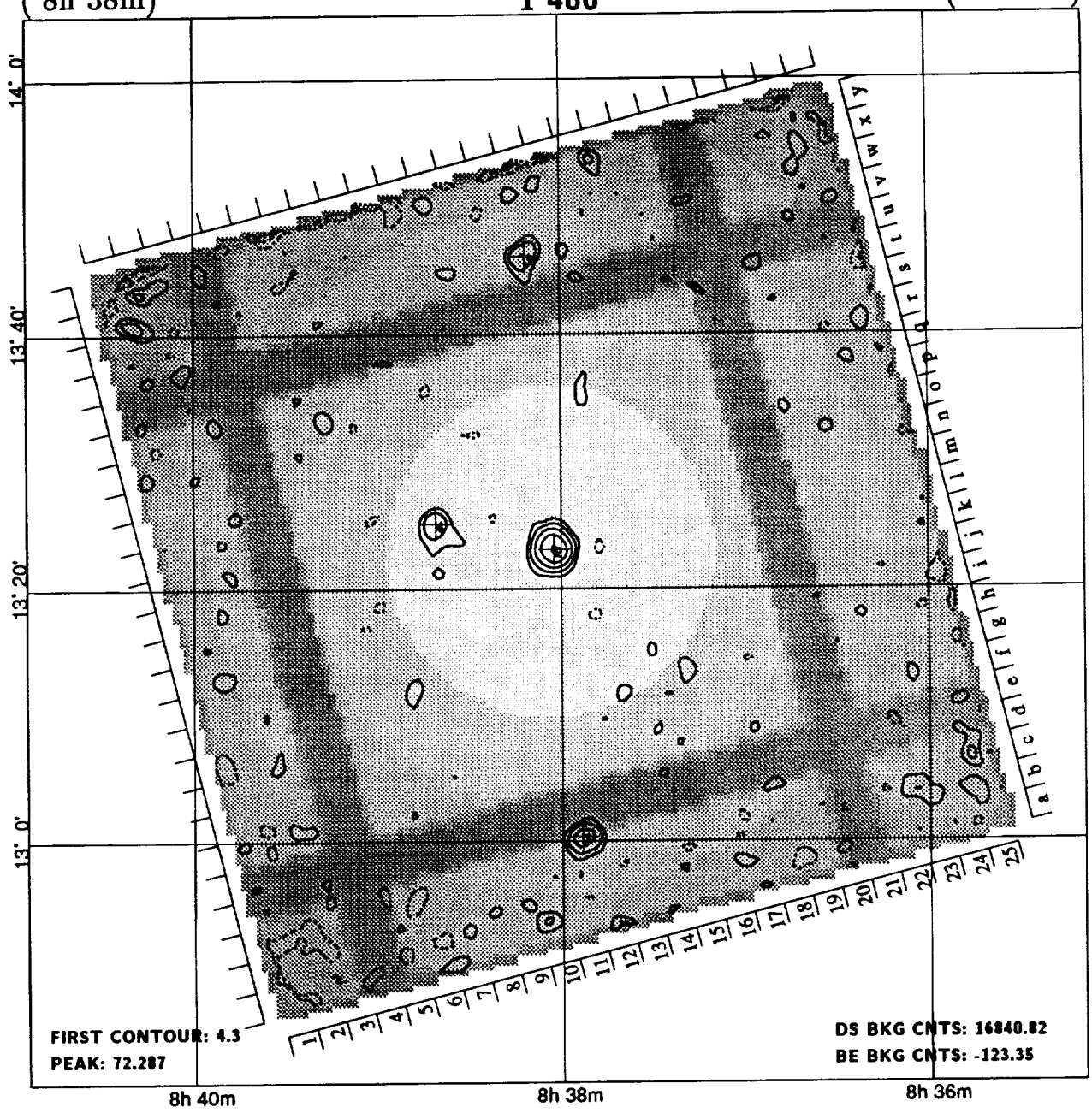
FIELD CENTER: $08^h37^m27.9^s$ -12°03′53″ (B1950)
$08^h39^m50.5^s$ -12°14′33″ (J2000)
ℓ: 237.17 b: 17.43

DATE: 1981/111 - 1981/111
LIVETIME: 5367.7s
ROLL ANGLE: 110.2°

NH: 5.9E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2028	1L	08 37 27.5	-12 03 51	31	0.289	0.010	1156.9	119.1	28.6	1.2	0	0.1		Q
2030	2L	08 37 44.0	-12 11 20	41	0.0146	0.0030	53.4	28.6	4.8	1.0	0	8.4		S
2034	3L	08 38 22.3	-12 27 31	59	0.0114	0.0031	24.2	7.8	3.5	0.6	0	27.1		

(8h 38m) **I 486** (8h 38m)



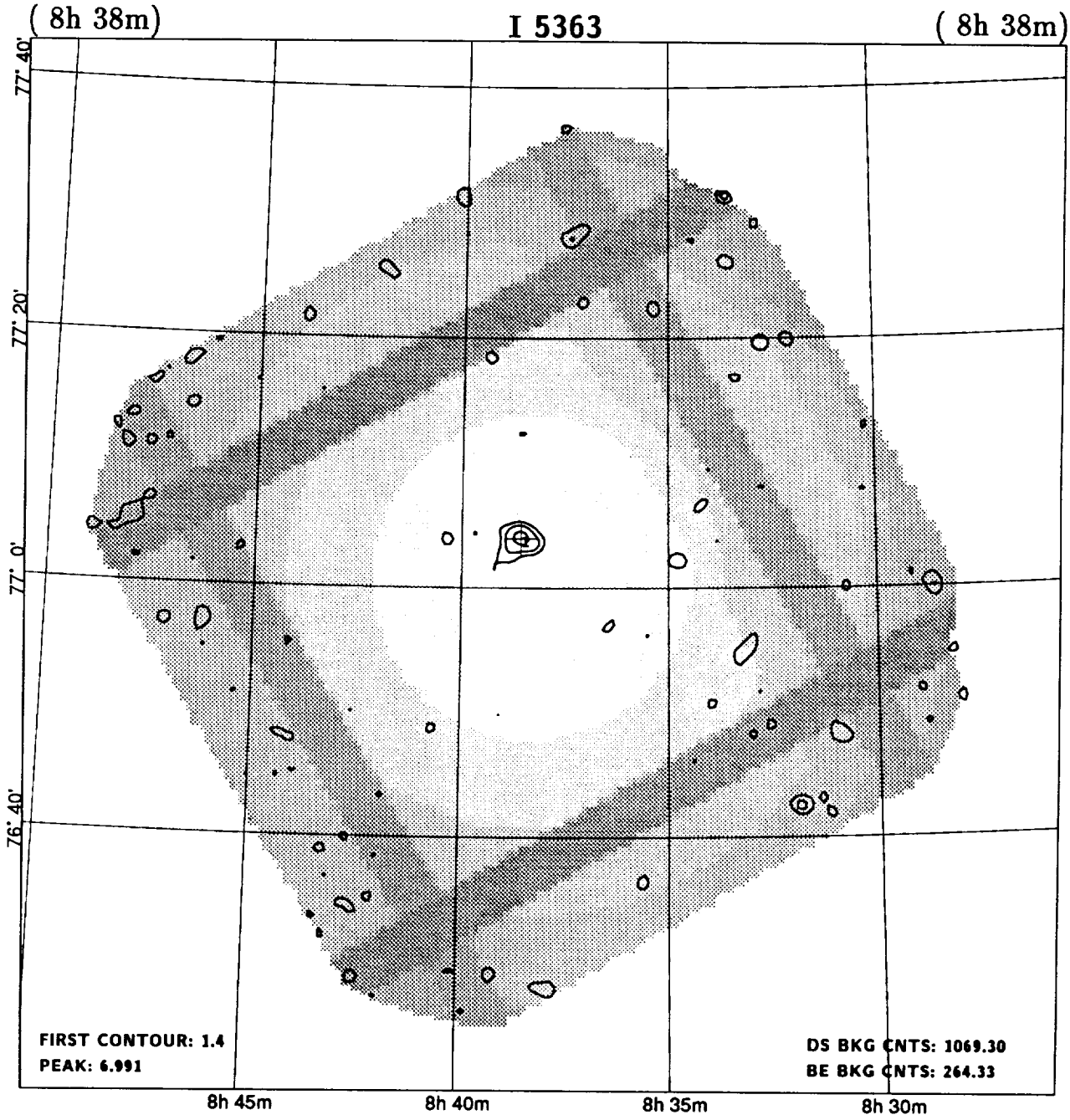
3CR 207 (QSO 0838+133) QUASAR SURVEY

FIELD CENTER: $08^h38^m01.7^s$ $13°23'04''$ (B1950)
$08^h40^m47.5^s$ $13°12'22''$ (J2000)
ℓ: 212.97 b: 30.14

DATE: 1979/300 - 1979/301
LIVETIME: 13646.7s
ROLL ANGLE: -104.3°

NH: 4.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2031	1	08 37 53.4	13 00 21	50	*0.0092	0.0014	59.0	21.0	6.6	0.9	1006	22.6	H	
2032	2	08 38 02.3	13 23 04	31	0.0285	0.0018	290.4	40.6	16.0	1.1	0	0.2	H	Q
2033	3	08 38 11.5	13 46 05	51	0.0066	0.0013	40.9	26.1	5.0	0.9	400	23.0	H	
2036	4	08 38 41.1	13 25 06	41	0.0060	0.0011	55.5	38.5	5.7	1.0	0	9.7		AGN



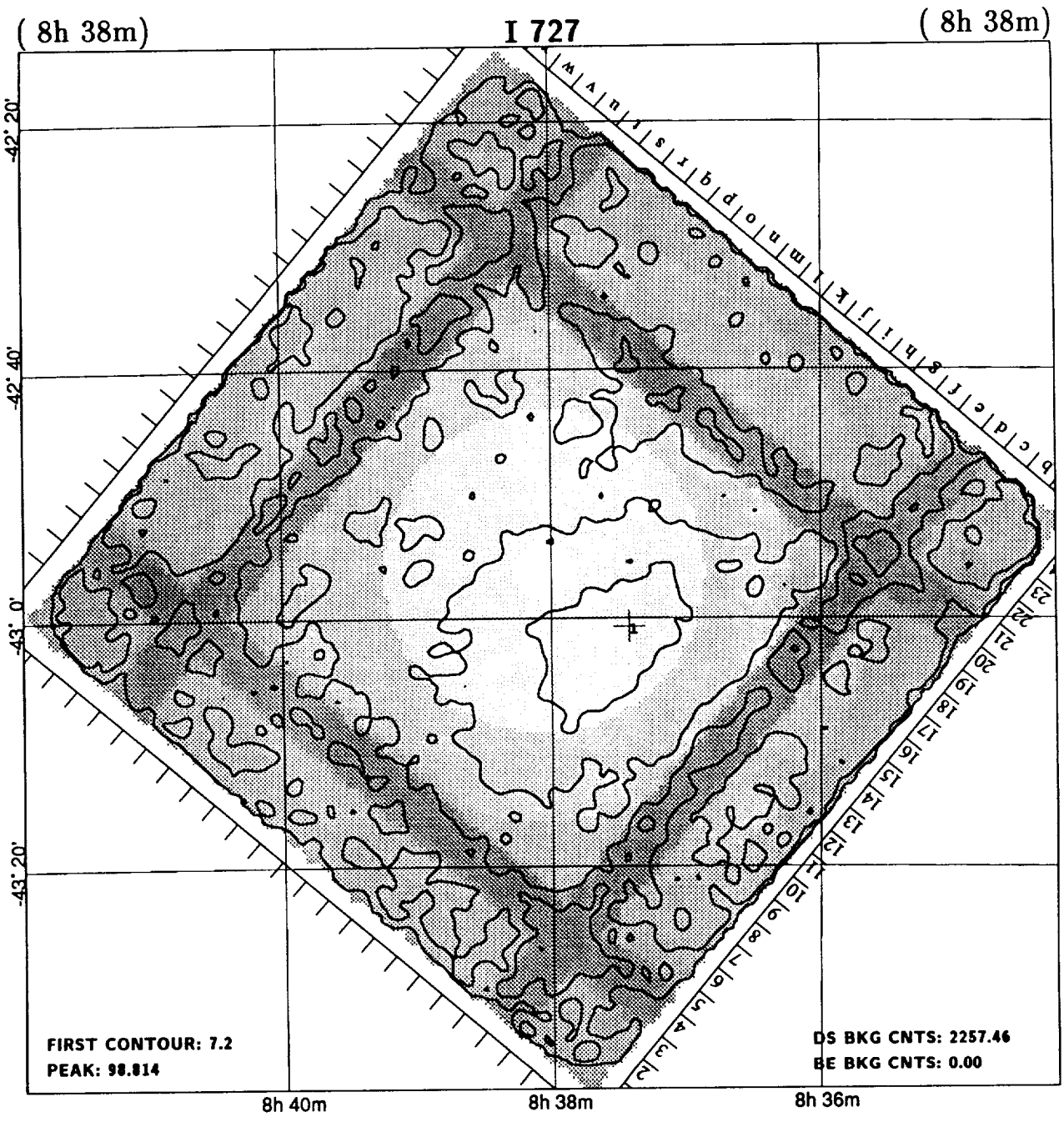
SURVEY OF BRIGHT QUASARS (PG)

FIELD CENTER: $08^h38^m04.1^s$ 77°01′42″ (B1950)
$08^h44^m17.4^s$ 76°50′54″ (J2000)
ℓ: 136.71 b: 32.67

DATE: 1980/277 - 1980/277
LIVETIME: 866.5s

NH: 1.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2035	1	08 38 34.2	77 03 57	36	0.0419	0.0087	26.5	3.5	4.8	1.0	0	3.0	H	Q



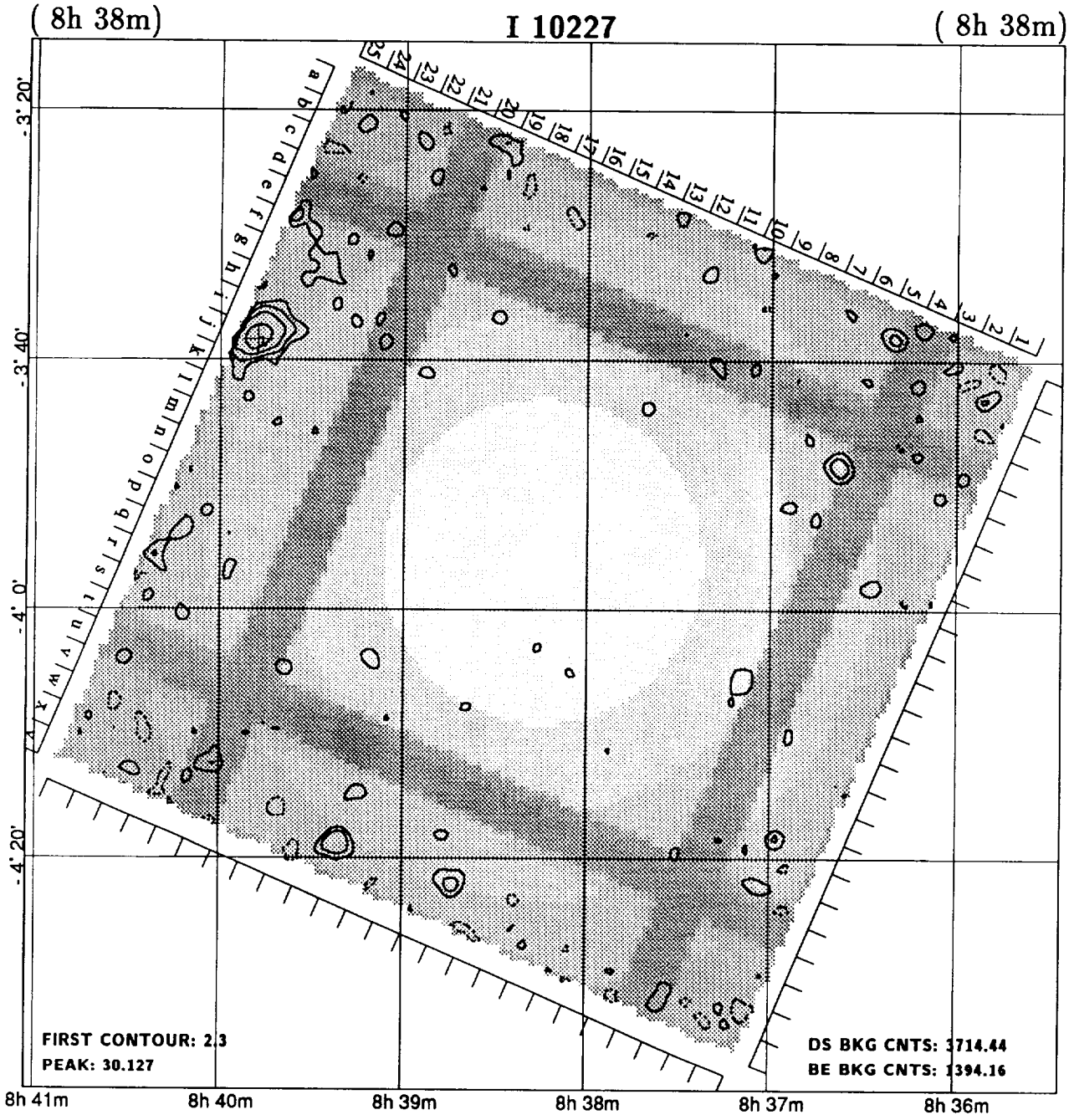
VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h38^m05.0^s$ $-42°55'59''$ (B1950)
$08^h39^m50.8^s$ $-43°06'40''$ (J2000)
ℓ: 262.39 b: -0.90

DATE: 1978/352 - 1978/353
LIVETIME: 1829.3s
ROLL ANGLE: -140.0°

NH: 6.7E+21
REF/ID: SNR
FIELD FLAGS: LT

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2027	1L	08 37 25.3	-43 00 40	38	0.089	0.023	111.1	375.9	3.8	113.7	0	8.1		



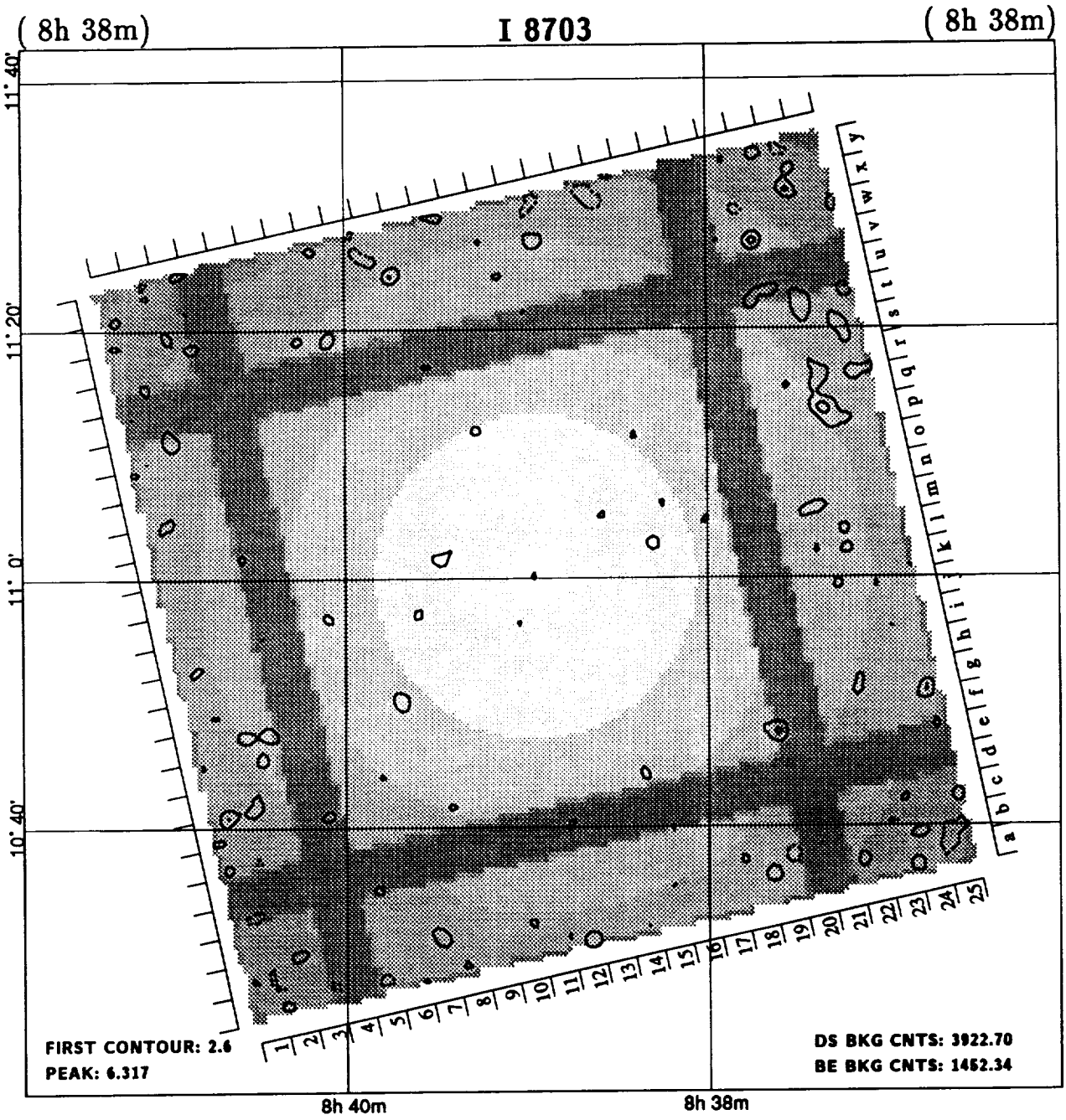
N 2642: ACTIVE NUCLEI OF BARRED SPIRALS

FIELD CENTER: $08^h38^m14.4^s$ $-03°56'35''$ (B1950)
$08^h40^m44.5^s$ $-04°07'18''$ (J2000)
ℓ: 230.04 b: 22.01

DATE: 1981/114 - 1981/114
LIVETIME: 3009.9s
ROLL ANGLE: 113.1°

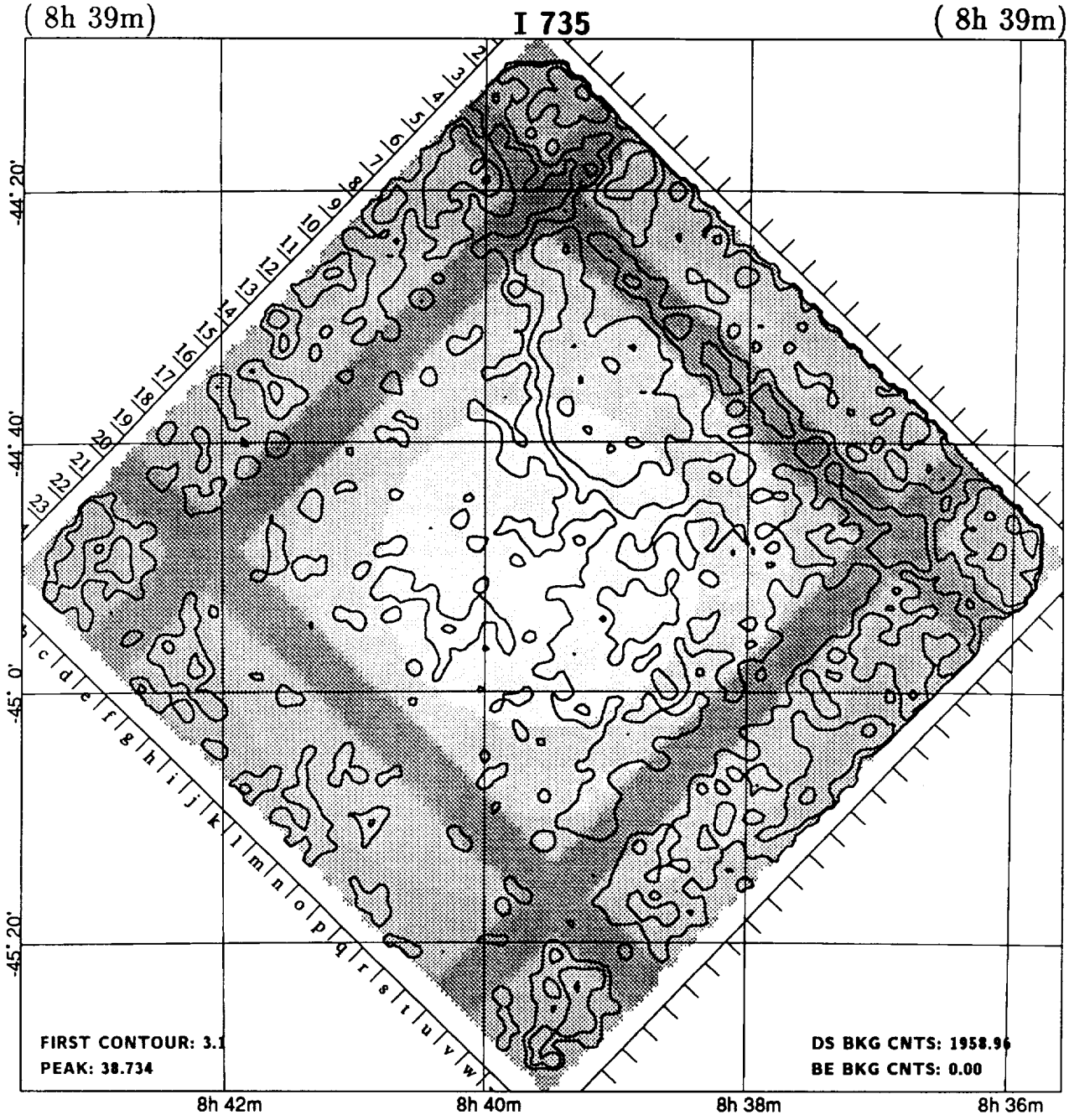
NH: 3.2E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2037	1L	08 39 47.9	-03 38 20	50	0.045	0.010	47.4	27.6	4.2	1.5	300	29.4		



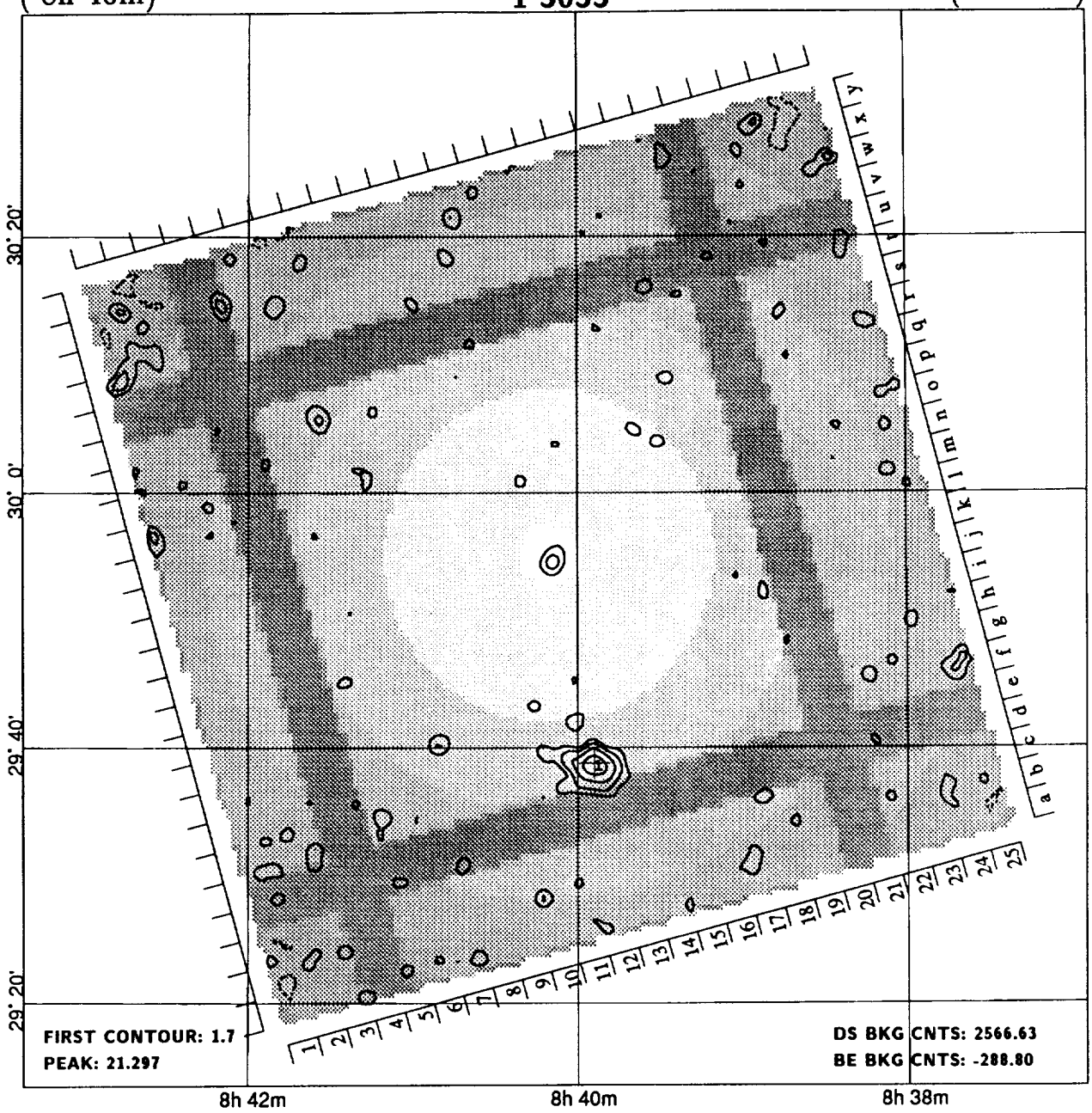
TARGET 2: REGIONS OF INTENSE STAR FORMATION

FIELD CENTER:	$08^h38^m55.0^s$ $11°00'43''$ (B1950)	DATE: 1980/285 - 1980/285	NH: 4.5E+20
	$08^h41^m38.6^s$ $10°49'58''$ (J2000)	LIVETIME: 3178.7s	REF/ID:
	ℓ: 215.55 b: 29.34	ROLL ANGLE: -102.2°	FIELD FLAGS: L



VELA X SNR X-RAY STUDY

FIELD CENTER:	$08^h39^m34.0^s$ $-44°49'59''$ (B1950)	**DATE:** 1978/357 - 1980/165	**NH:** 5.1E+21
	$08^h41^m16.7^s$ $-45°00'45''$ (J2000)	**LIVETIME:** 1587.4s	**REF/ID:** SNR
	ℓ: 264.06 b: -1.85	**ROLL ANGLE:** 44.0°	**FIELD FLAGS:** LS



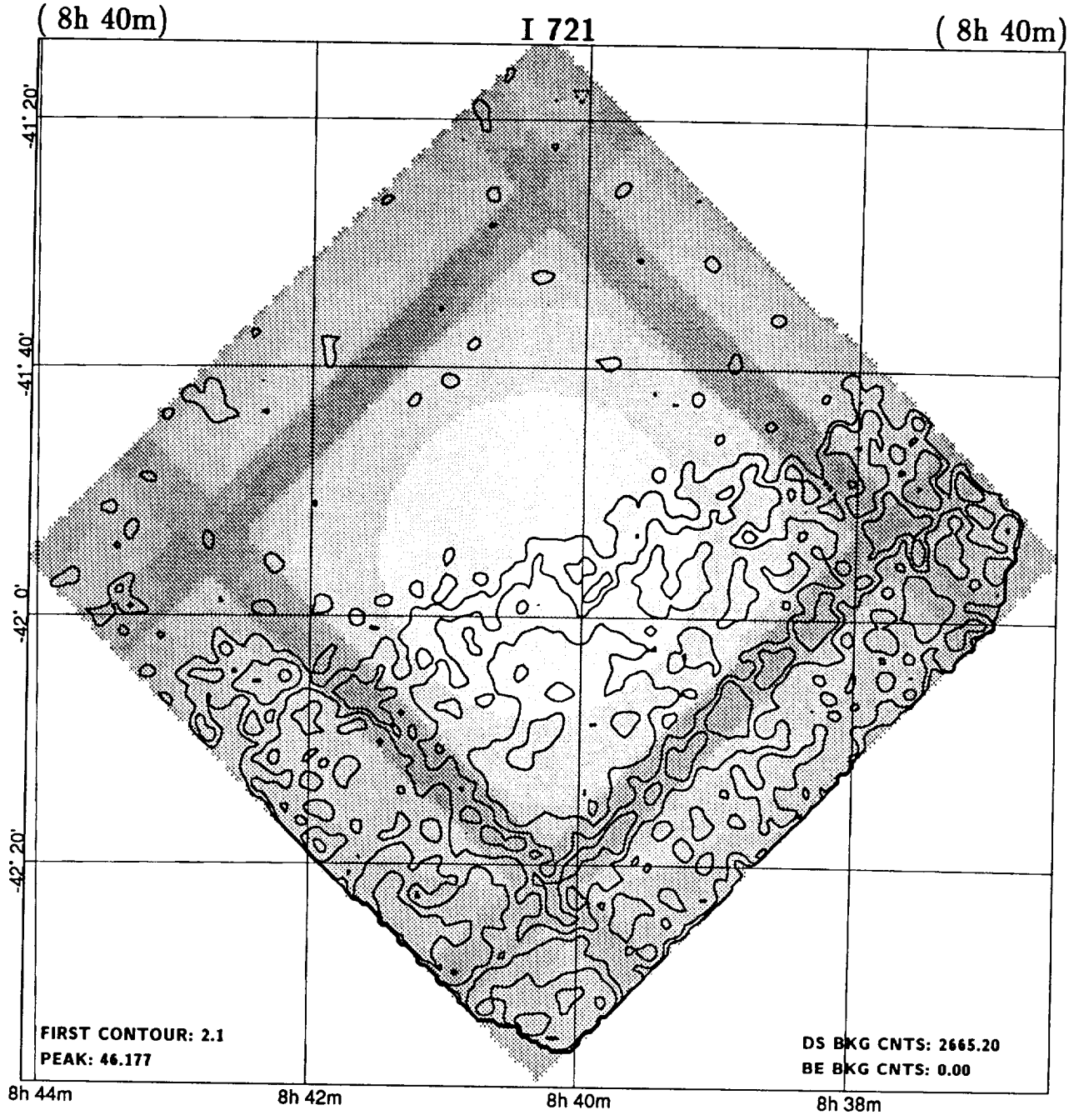
4C29.31: HIGH REDSHIFT CLUSTERS OF GALAXIES

FIELD CENTER: $08^h40^m08.0^s$ $29°55'35''$ **(B1950)**
$08^h43^m10.9^s$ $29°44'46''$ **(J2000)**
ℓ: **194.47** b: **36.03**

DATE: 1979/301 - 1979/301
LIVETIME: 2079.8s
ROLL ANGLE: -105.1°

NH: 4.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2038	1	08 39 53.9	29 38 47	50	0.0494	0.0067	58.0	4.0	7.4	1.4	200	16.9	H	



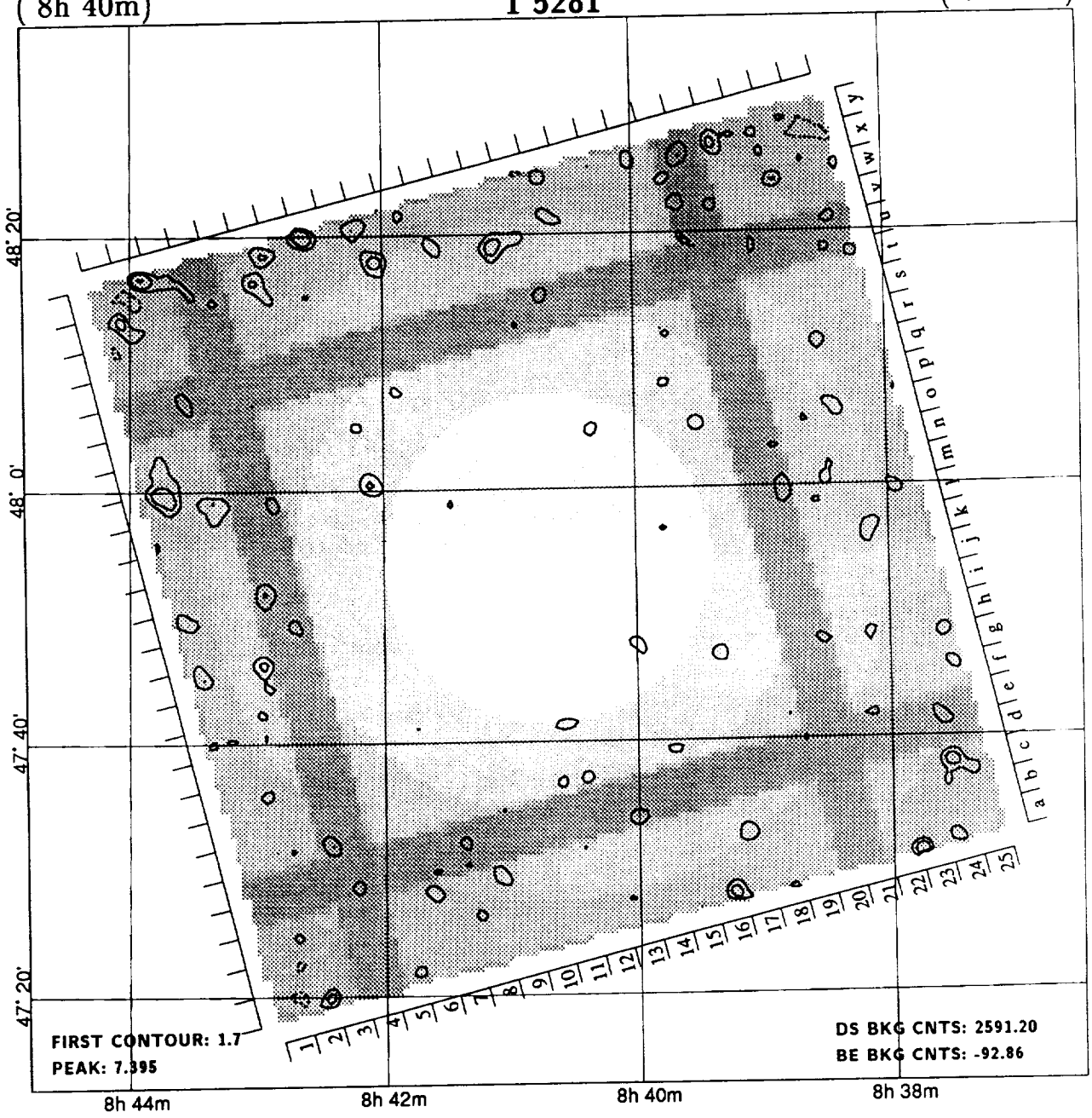
VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h40^m18.0^s$ -41°55'59" (B1950)
$08^h42^m05.8^s$ -42°06'48" (J2000)
ℓ: 261.86 b: 0.04

DATE: 1979/172 - 1980/164
LIVETIME: 2159.7s

NH: 6.8E+21
REF/ID: SNR
FIELD FLAGS: LS

(8h 40m) **I 5281** (8h 40m)

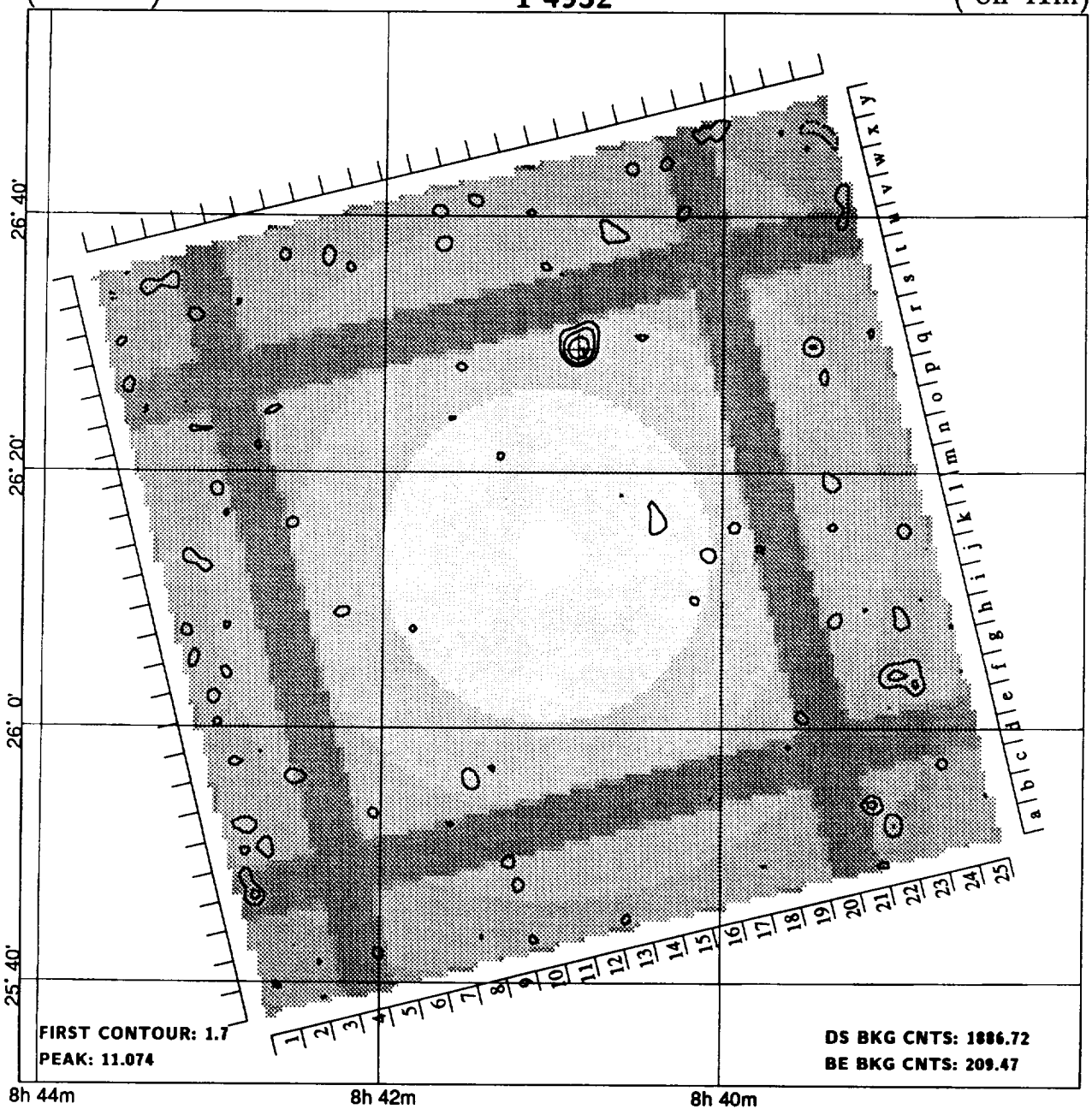


Empty field in UMa (mispointed)

FIELD CENTER: $08^h40^m39.0^s$ $47°54'59''$ (B1950)
$08^h44^m08.7^s$ $47°44'07''$ (J2000)
ℓ: 172.02 b: 38.32

DATE: 1979/302 - 1979/302
LIVETIME: 2099.7s
ROLL ANGLE: -104.1°

NH: 3.0E+20
REF/ID:
FIELD FLAGS:



EG291: CORONAL EMISSION FROM HE-RICH WHITE DWARFS

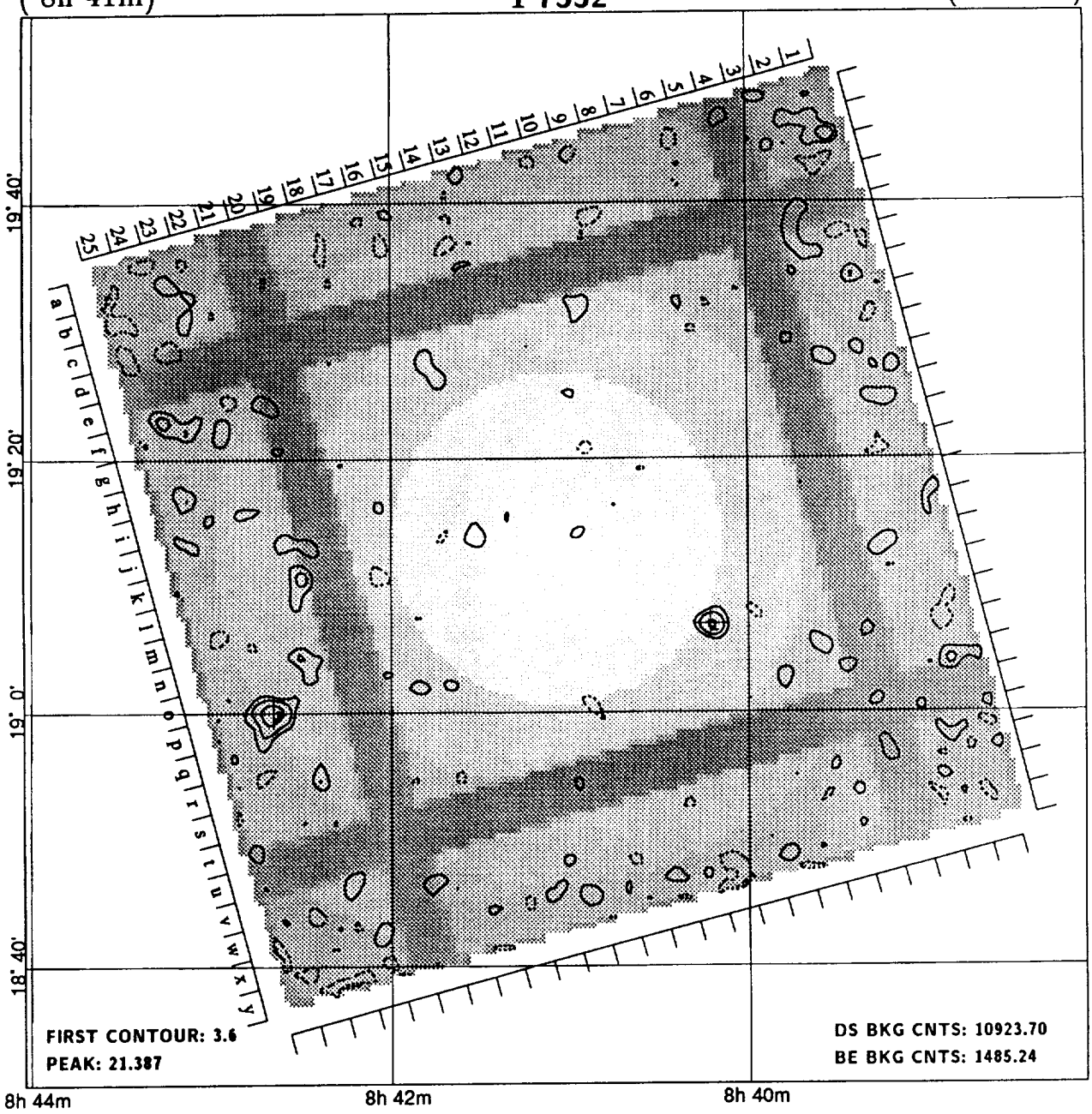
FIELD CENTER: $08^h41^m00.0^s$ $26°13'59''$ (B1950)
$08^h43^m58.6^s$ $26°03'07''$ (J2000)
ℓ: 198.92 b: 35.26

DATE: 1979/312 - 1979/312
LIVETIME: 1528.9s
ROLL ANGLE: -103.8°

NH: 3.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2040	1	08 40 51.1	26 29 36	50	0.0375	0.0070	32.6	4.4	5.4	0.9	300	15.9	H	

(8h 41m) **I 7332** (8h 41m)



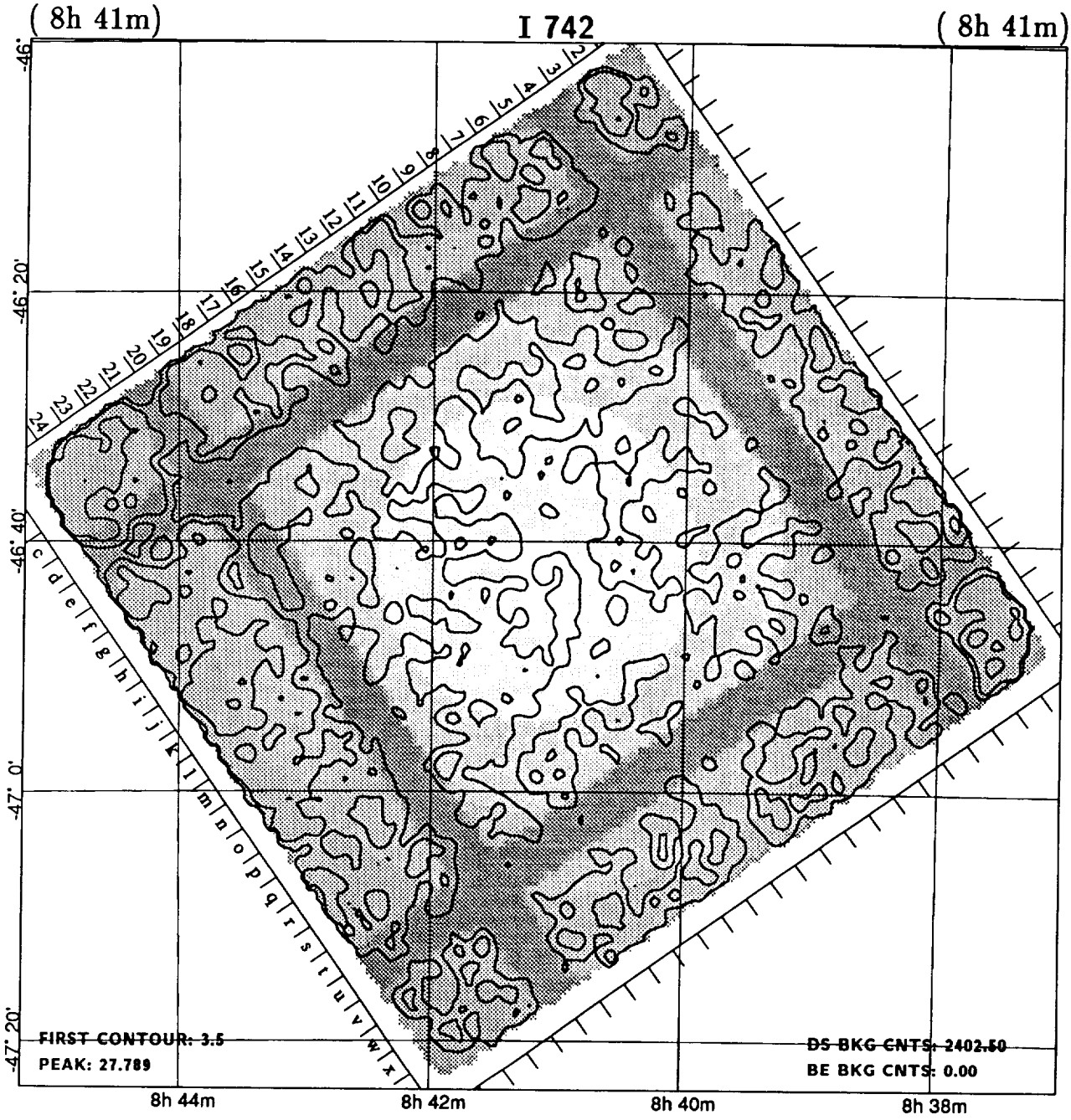
S CNC, ALGOL-LIKE SYSTEM

FIELD CENTER: $08^h41^m04.8^s$ $19°12'57''$ (B1950)
$08^h43^m56.1^s$ $19°02'05''$ (J2000)
ℓ: 206.97 b: 33.05

DATE: 1980/124 - 1980/130
LIVETIME: 9169.7s
ROLL ANGLE: 75.2°

NH: 2.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2039	1	08 40 12.8	19 07 01	41	0.0072	0.0014	40.2	23.8	5.0	0.7	0	13.8	H	
2043	2	08 42 39.4	19 00 02	51	0.0108	0.0021	40.6	20.4	5.2	1.1	0	25.8	H	

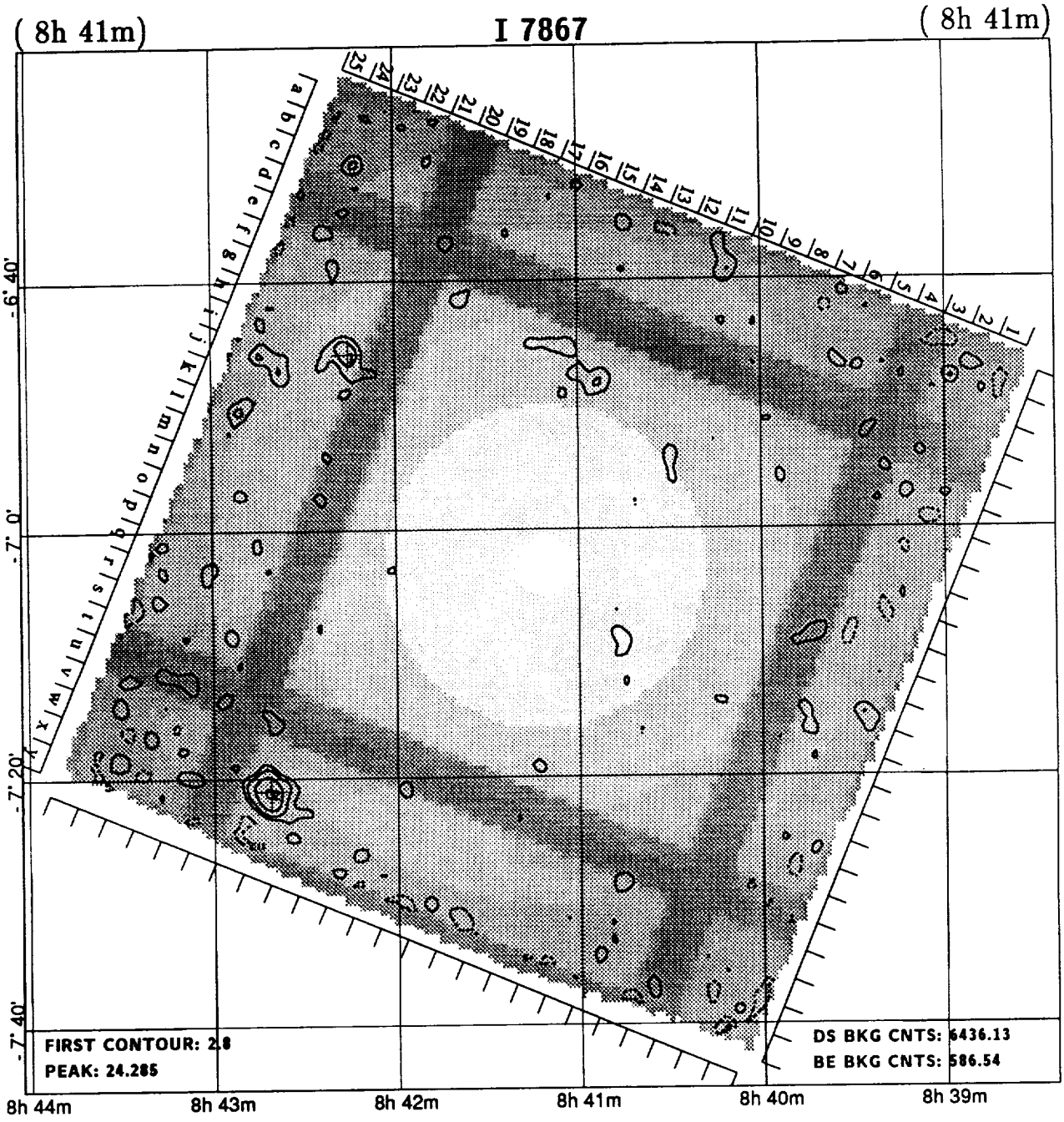


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h41^m08.0^s$ -46°41'59" (B1950)
$08^h42^m47.6^s$ -46°52'50" (J2000)
ℓ: 265.69 b: -2.79

DATE: 1980/152 - 1980/152
LIVETIME: 1946.8s
ROLL ANGLE: 54.9°

NH: 2.4E+21
REF/ID: SNR
FIELD FLAGS: LS



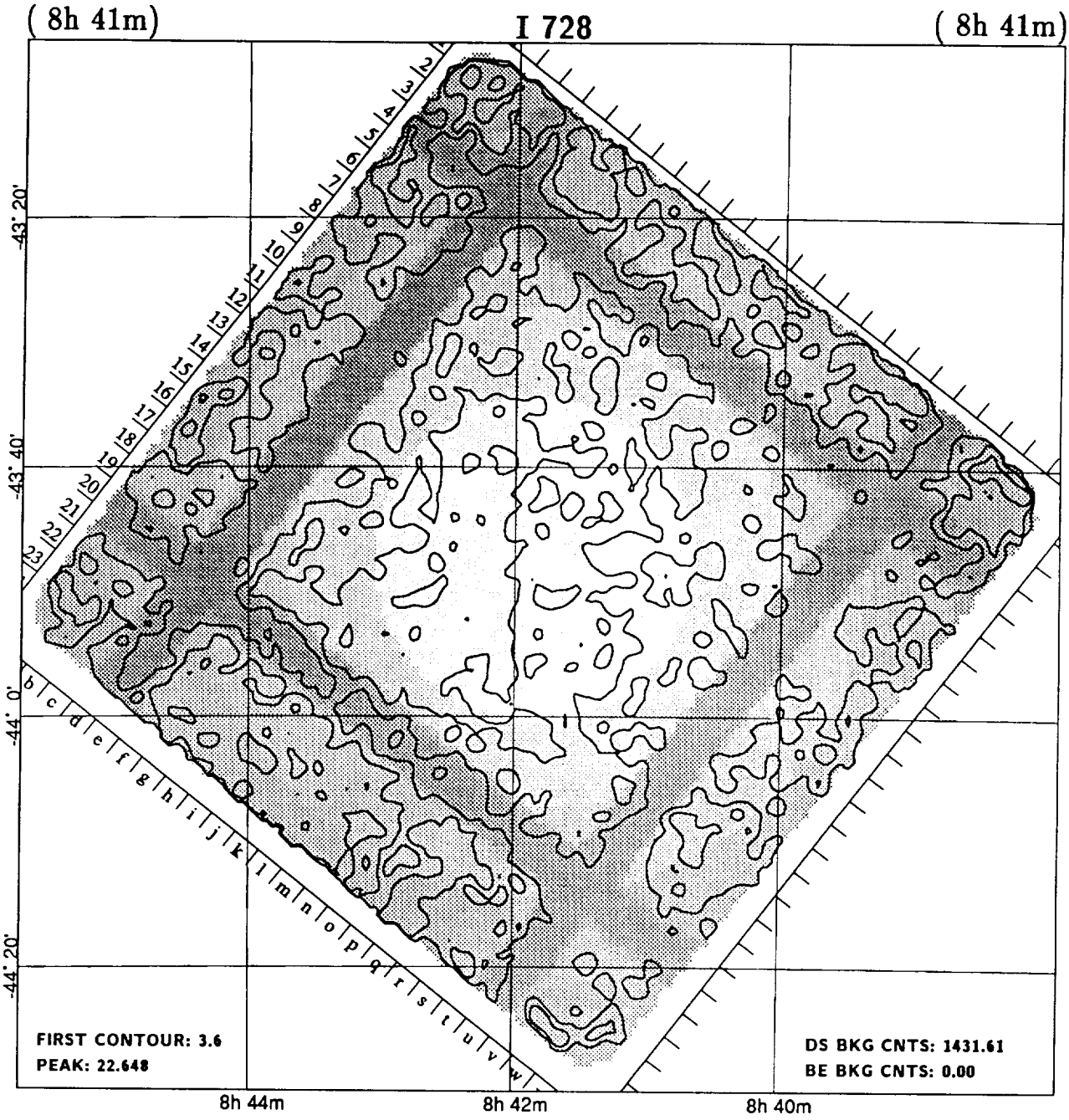
31 MON,CORONAL ACTIVITY IN G STARS W/LARGE MASS LOSS

FIELD CENTER: $08^h41^m13.1^s$ $-07°03'08''$ (B1950)
$08^h43^m40.5^s$ $-07°14'01''$ (J2000)
ℓ: 233.29 b: 20.97

DATE: 1981/112 - 1981/112
LIVETIME: 5215.4s
ROLL ANGLE: 112.4°

NH: 3.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2042	1	08 42 15.4	-06 45 54	55	0.0085	0.0024	20.2	10.8	3.6	1.1	500	23.2	H	
2044	2	08 42 41.4	-07 21 02	50	0.0254	0.0041	48.8	12.2	6.3	1.3	300	28.3	H	



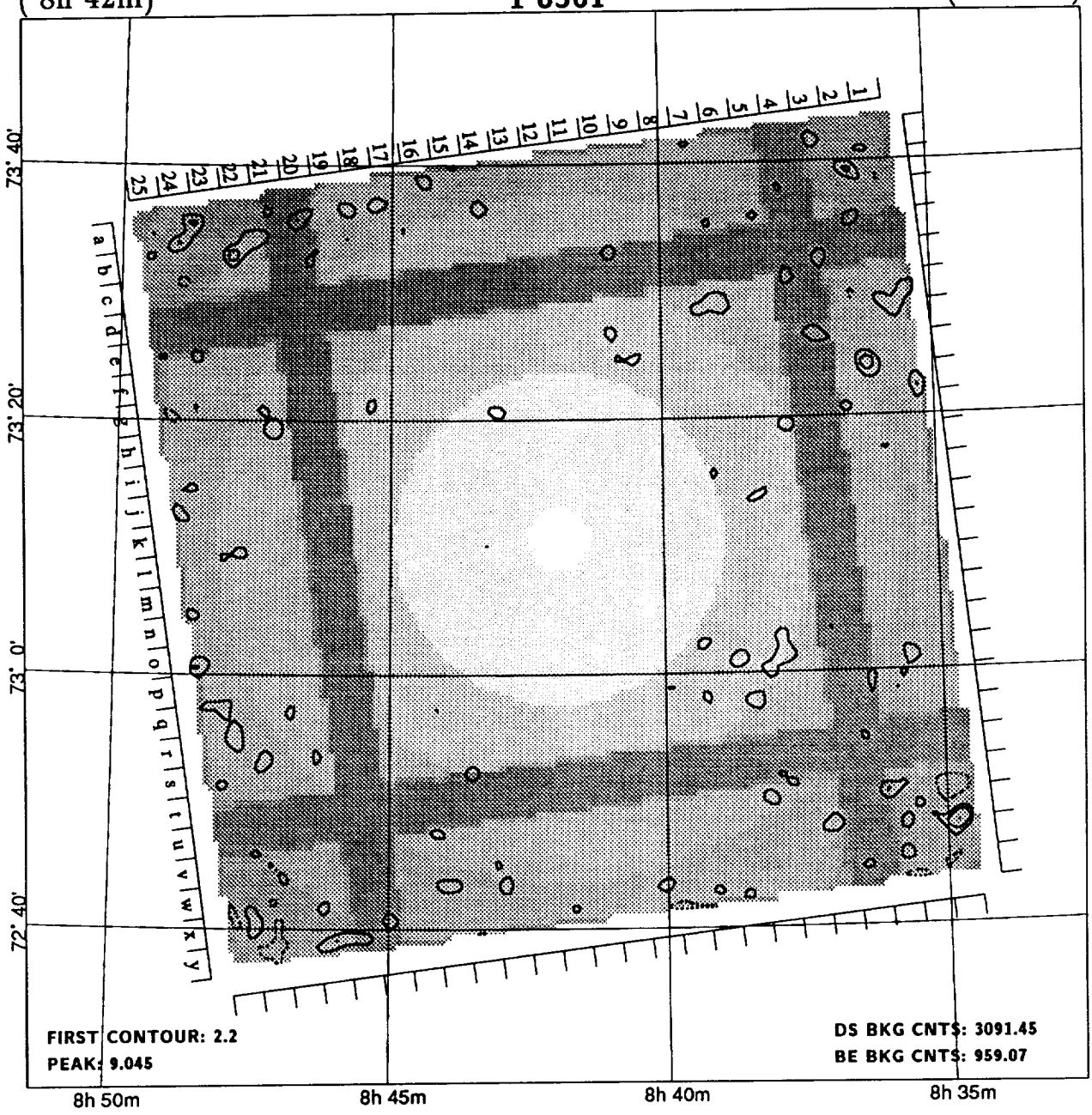
VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h41^m49.0^s$ -43°47'59" (B1950)
$08^h43^m34.0^s$ -43°58'53" (J2000)
ℓ: 263.50 b: -0.90

DATE: 1979/172 - 1979/172
LIVETIME: 1160.1s
ROLL ANGLE: 38.0°

NH: 6.6E+21
REF/ID: SNR
FIELD FLAGS: LST

(8h 42m) **I 8361** (8h 42m)

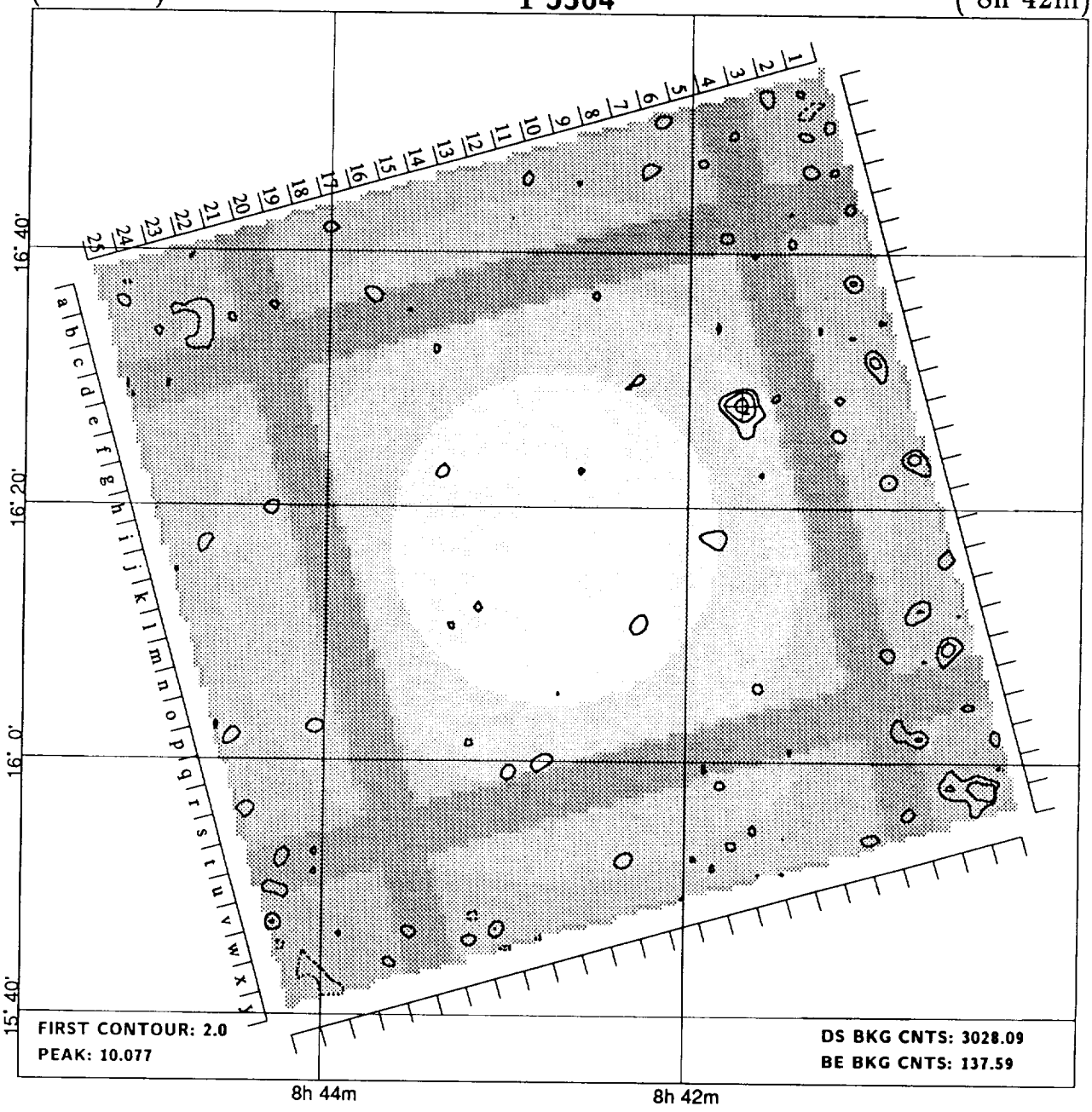


N 2629, ELLIPTICAL GALAXIES W/LARGE VELOCITY DISPERSIONS

FIELD CENTER: $08^h42^m00.0^s$ $73°09'59''$ (B1950)
$08^h47^m19.0^s$ $72°59'00''$ (J2000)
ℓ: 140.97 b: 34.21

DATE: 1980/121 - 1980/121
LIVETIME: 2595.1s
ROLL ANGLE: 82.9°

NH: 2.4E+20
REF/ID:
FIELD FLAGS:



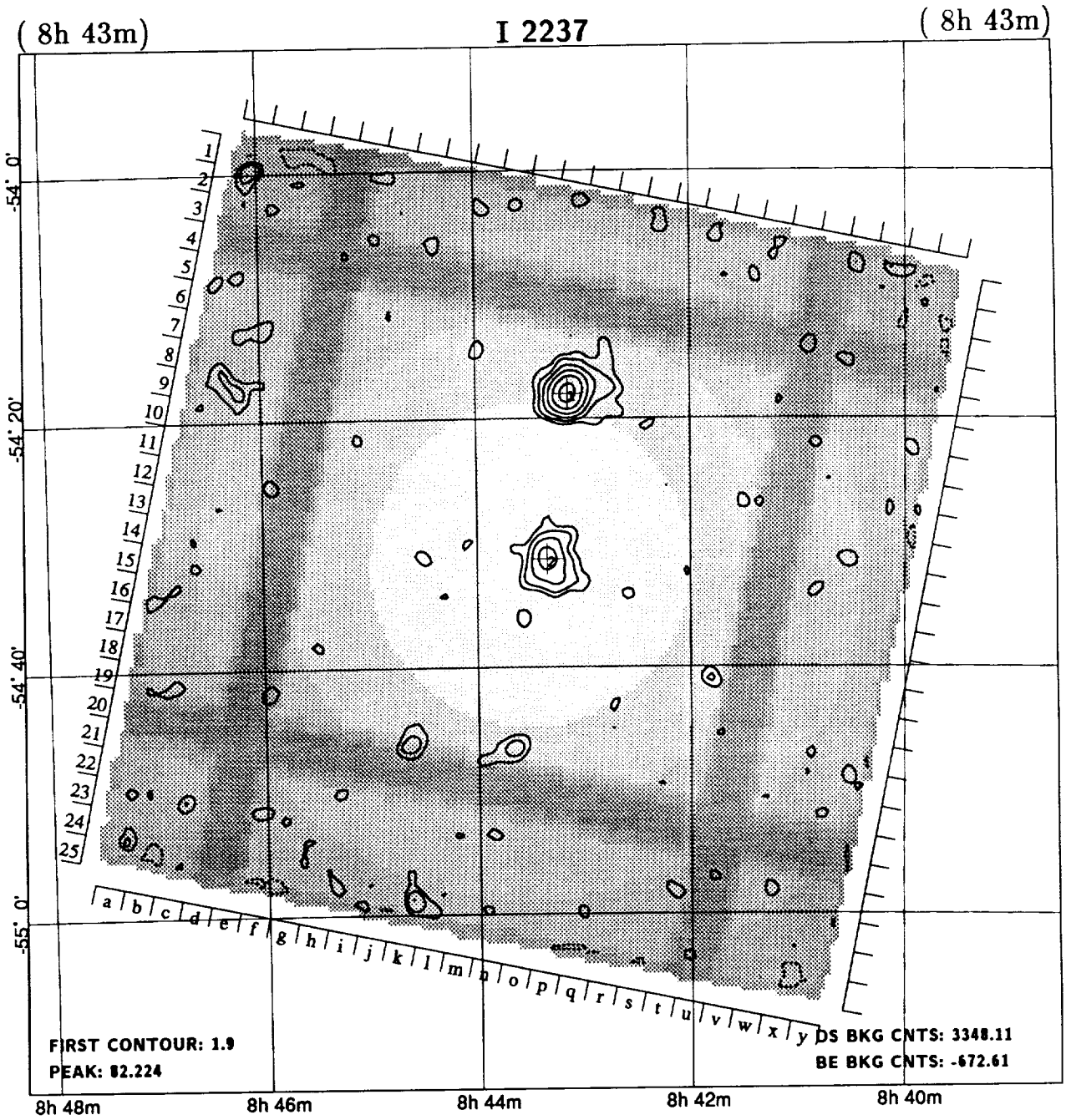
SURVEY OF BRIGHT QUASARS (PG)

FIELD CENTER: $08^h42^m45.1^s$ $16°16'43''$ (B1950)
$08^h45^m33.4^s$ $16°05'45''$ (J2000)
ℓ: 210.39 b: 32.33

DATE: 1980/134 - 1980/134
LIVETIME: 2453.8s
ROLL ANGLE: 74.4°

NH: 3.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2041	1	08 41 42.5	16 28 03	51	0.0206	0.0043	27.4	5.6	4.8	1.0	0	19.0	H	



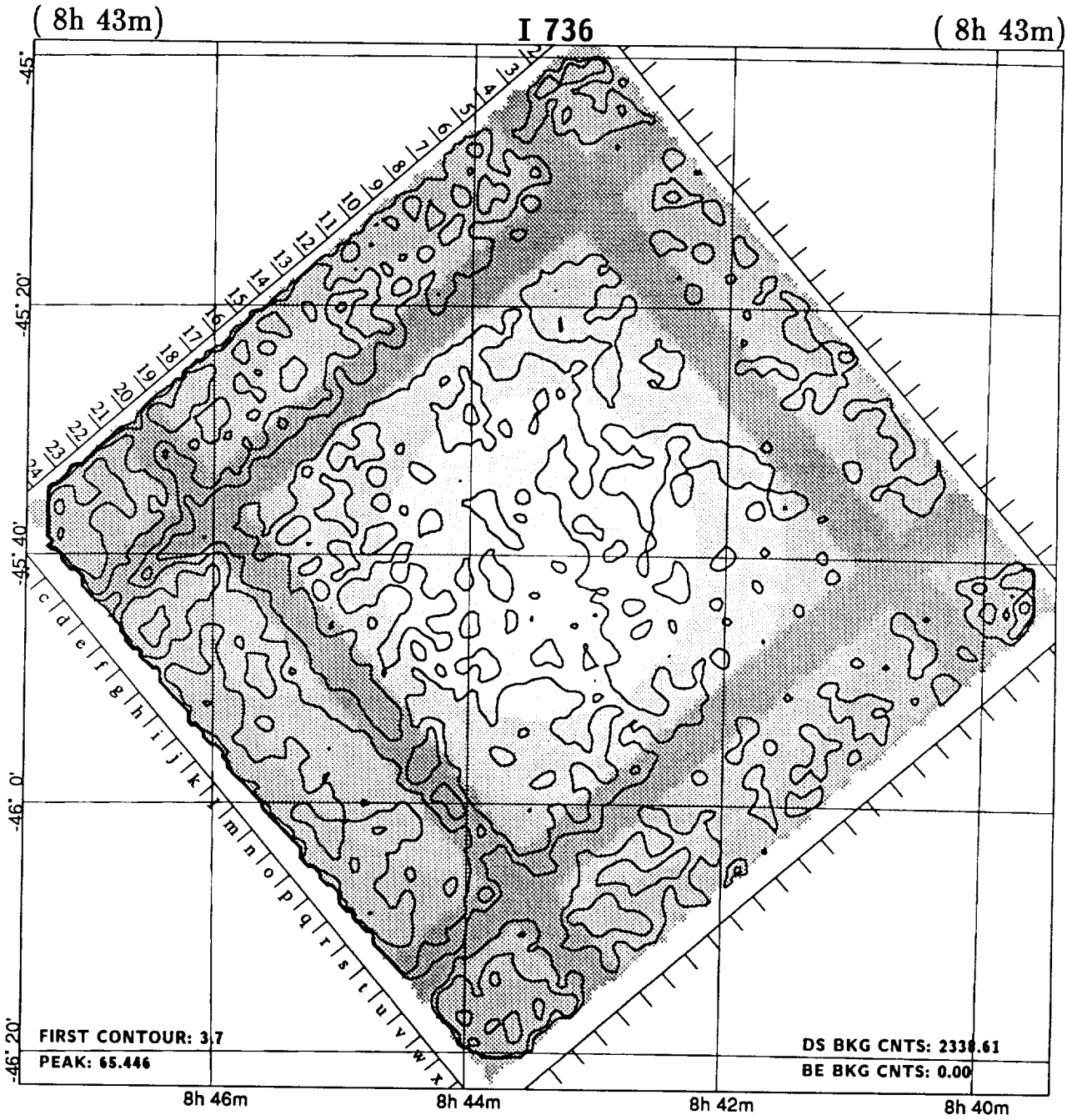
STELLAR SURVEY-EARLY TYPE STARS: HD74956=DELTA VEL

FIELD CENTER: $08^h43^m24.0^s$ $-54°31'59''$ (B1950)
$08^h44^m46.7^s$ $-54°42'57''$ (J2000)
ℓ: 272.09 b: -7.37

DATE: 1979/200 - 1979/201
LIVETIME: 2713.1s
ROLL ANGLE: 11.6°

NH: 1.7E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2045	1	08 43 08.5	-54 18 01	38	0.167	0.010	274.4	5.6	16.4	1.3	0	14.2	H	
2046	2	08 43 20.7	-54 31 15	31	0.0482	0.0050	97.2	5.8	9.6	1.6	0	0.8	H	S

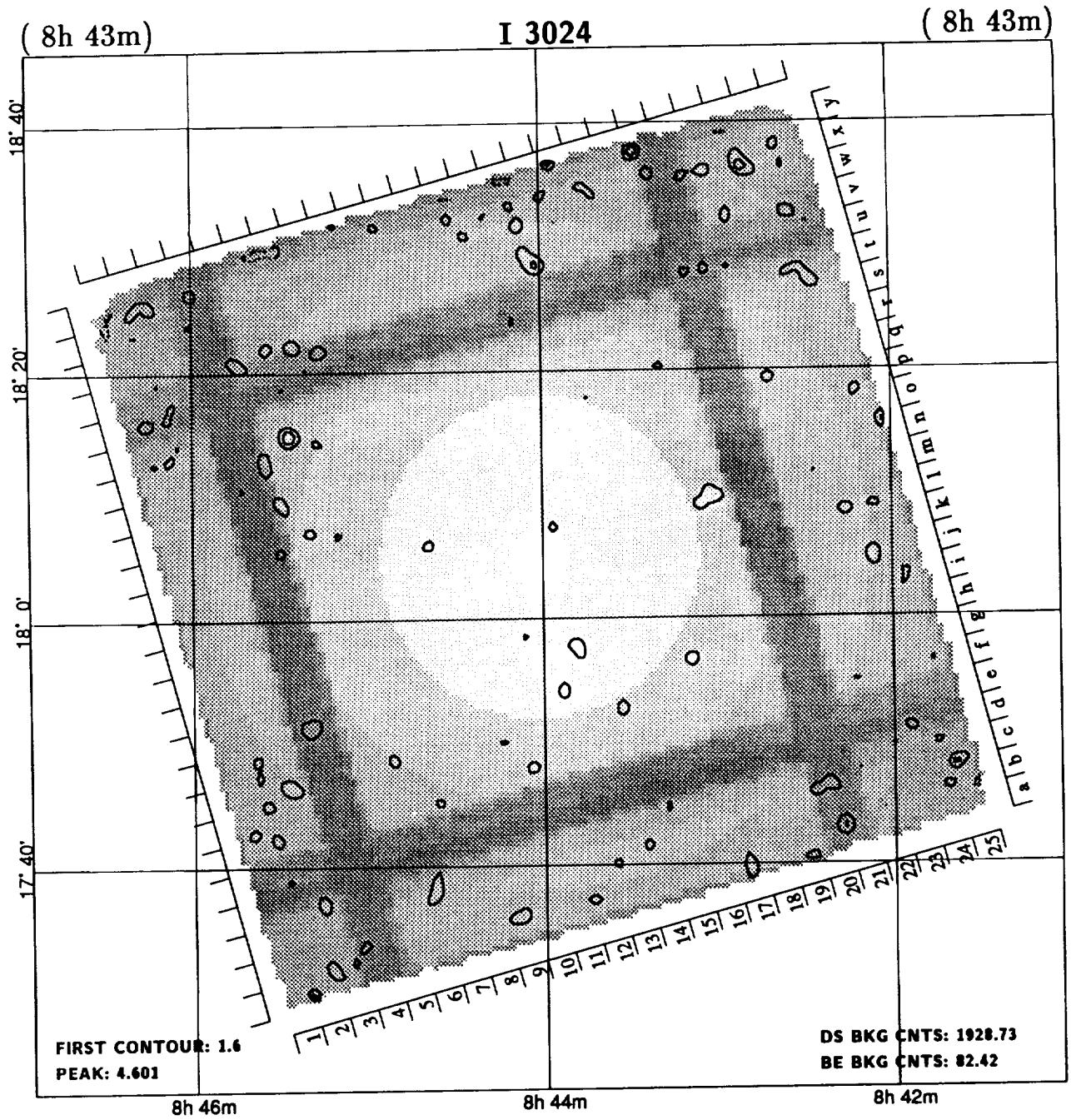


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h43^m27.0^s$ $-45°40'59''$ (B1950)
$08^h45^m09.0^s$ $-45°51'58''$ (J2000)
ℓ: 265.15 b: -1.85

DATE: 1980/159 - 1980/159
LIVETIME: 1895.1s
ROLL ANGLE: 49.6°

NH: 3.8E+21
REF/ID: *
FIELD FLAGS: DLS

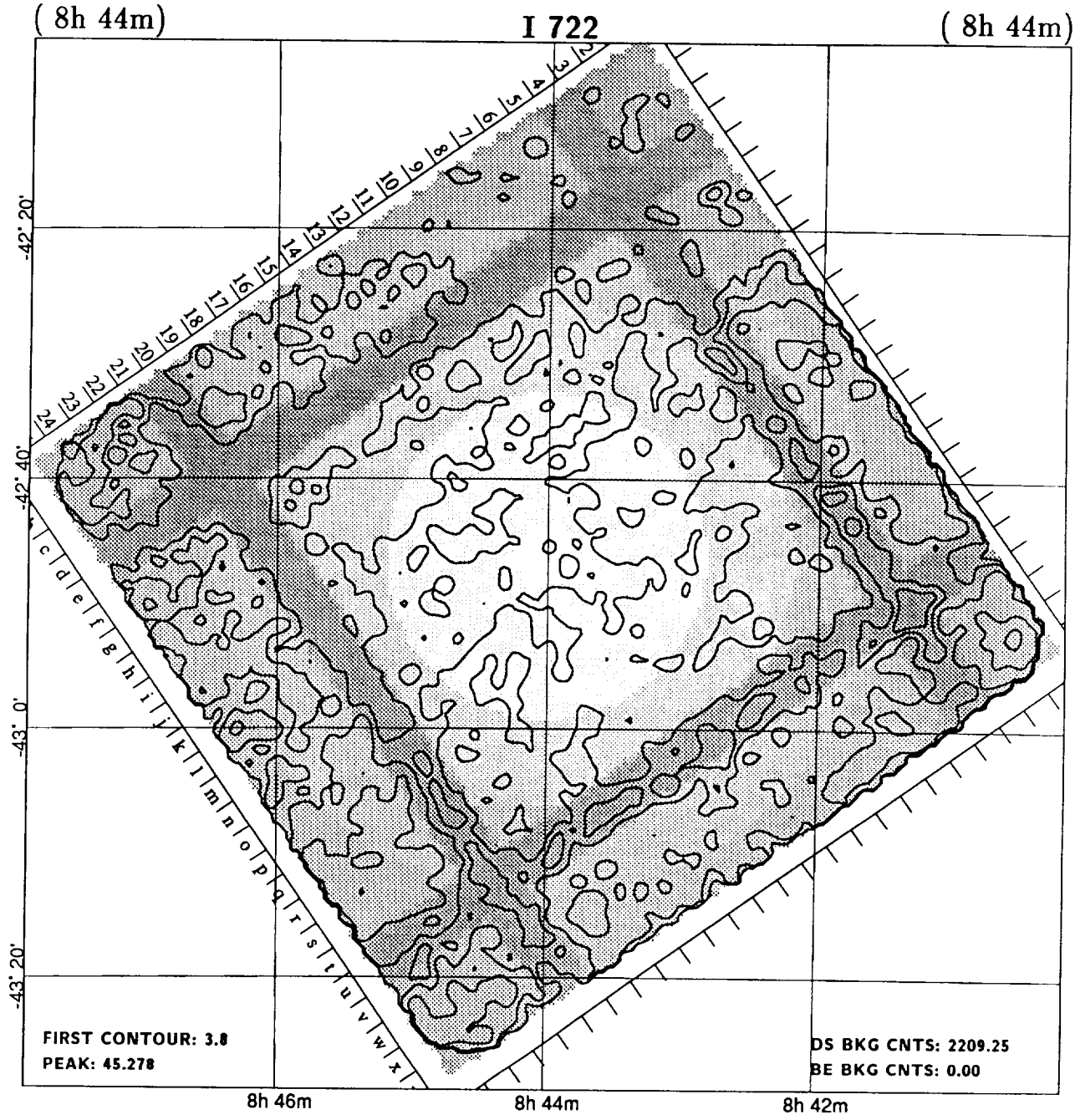


A 30: PLANETARY NEBULAE WITH HOT STARS

FIELD CENTER: $08^h43^m59.0^s$ $18°03'59''$ (B1950)
$08^h46^m49.0^s$ $17°52'57''$ (J2000)
ℓ: 208.55 b: 33.27

DATE: 1979/295 - 1979/295
LIVETIME: 1562.9s
ROLL ANGLE: -105.2°

NH: 2.6E+20
REF/ID:
FIELD FLAGS:

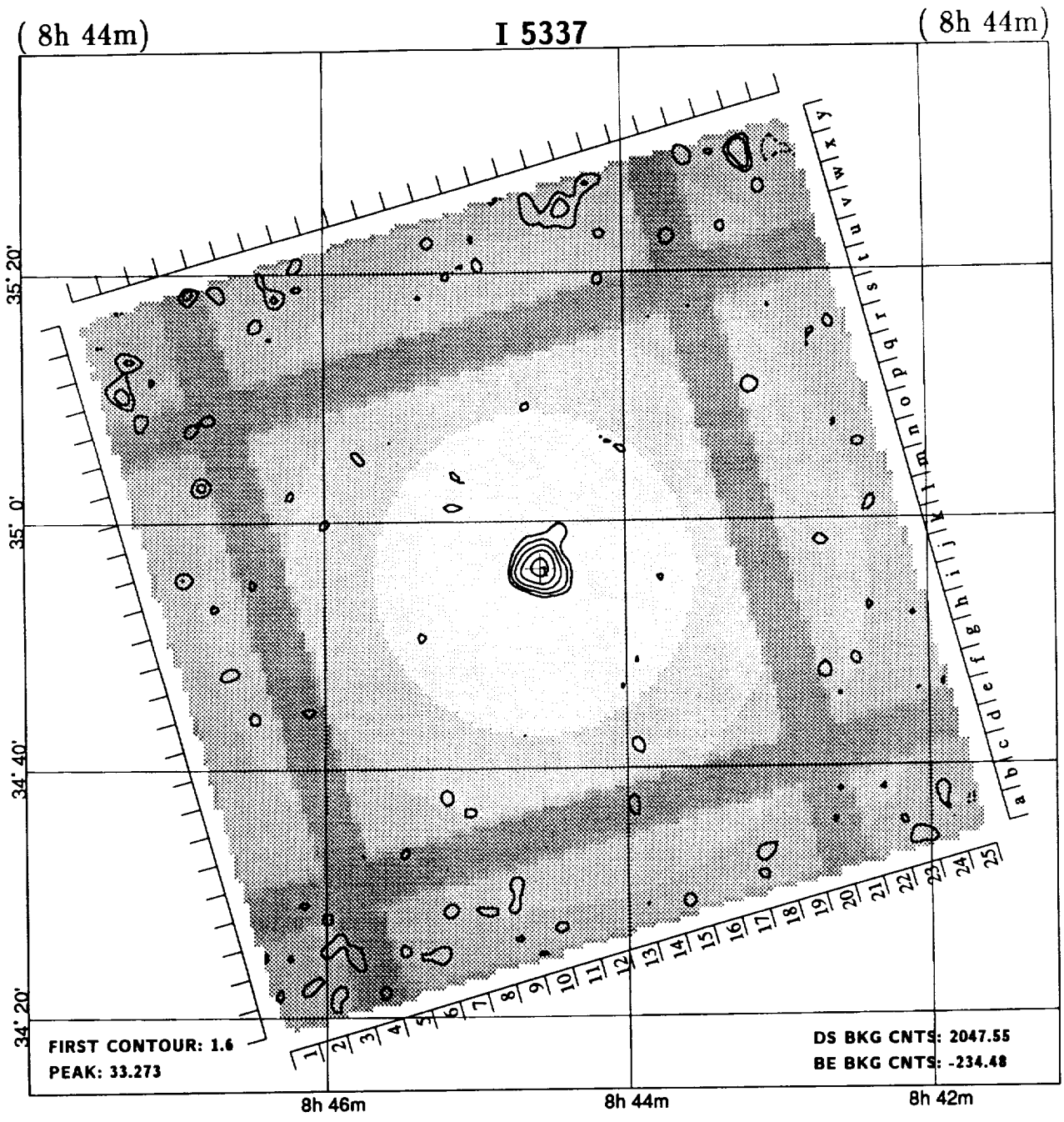


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h44^m01.0^s$ -42°46'59" (B1950)
$08^h45^m48.1^s$ -42°58'00" (J2000)
ℓ: 262.95 b: 0.05

DATE: 1980/152 - 1980/152
LIVETIME: 1790.2s
ROLL ANGLE: 55.0°

NH: 6.6E+21
REF/ID: SNR
FIELD FLAGS: DLT



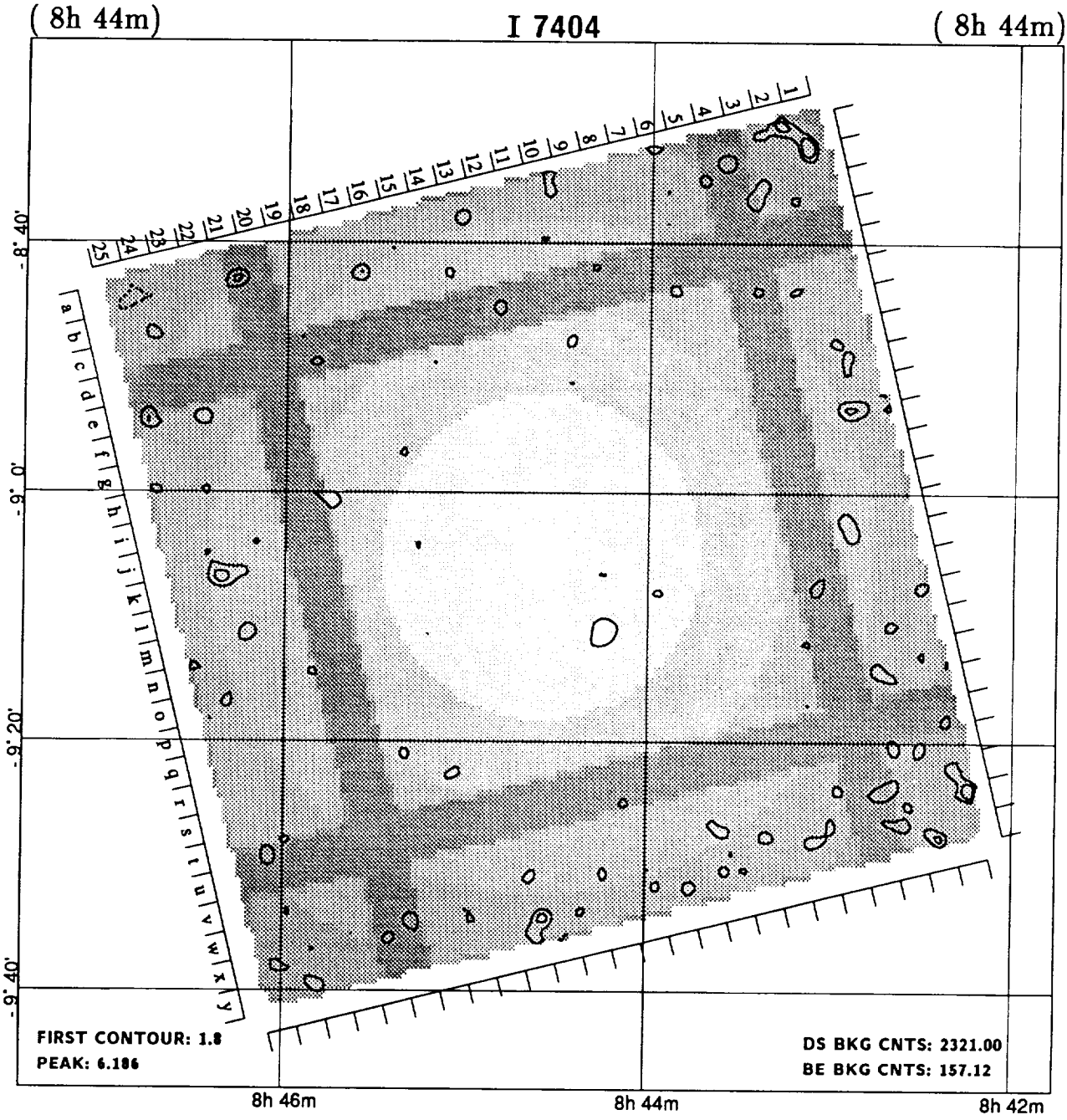
SURVEY OF BRIGHT QUASARS (PG)

FIELD CENTER: $08^h44^m34.0^s$ 34°56'04" (B1950)
$08^h47^m42.5^s$ 34°45'00" (J2000)
ℓ: 188.57 b: 37.97

DATE: 1979/302 - 1979/302
LIVETIME: 1659.2s
ROLL ANGLE: -105.6°

NH: 3.2E+20
REF/ID:
FIELD FLAGS:

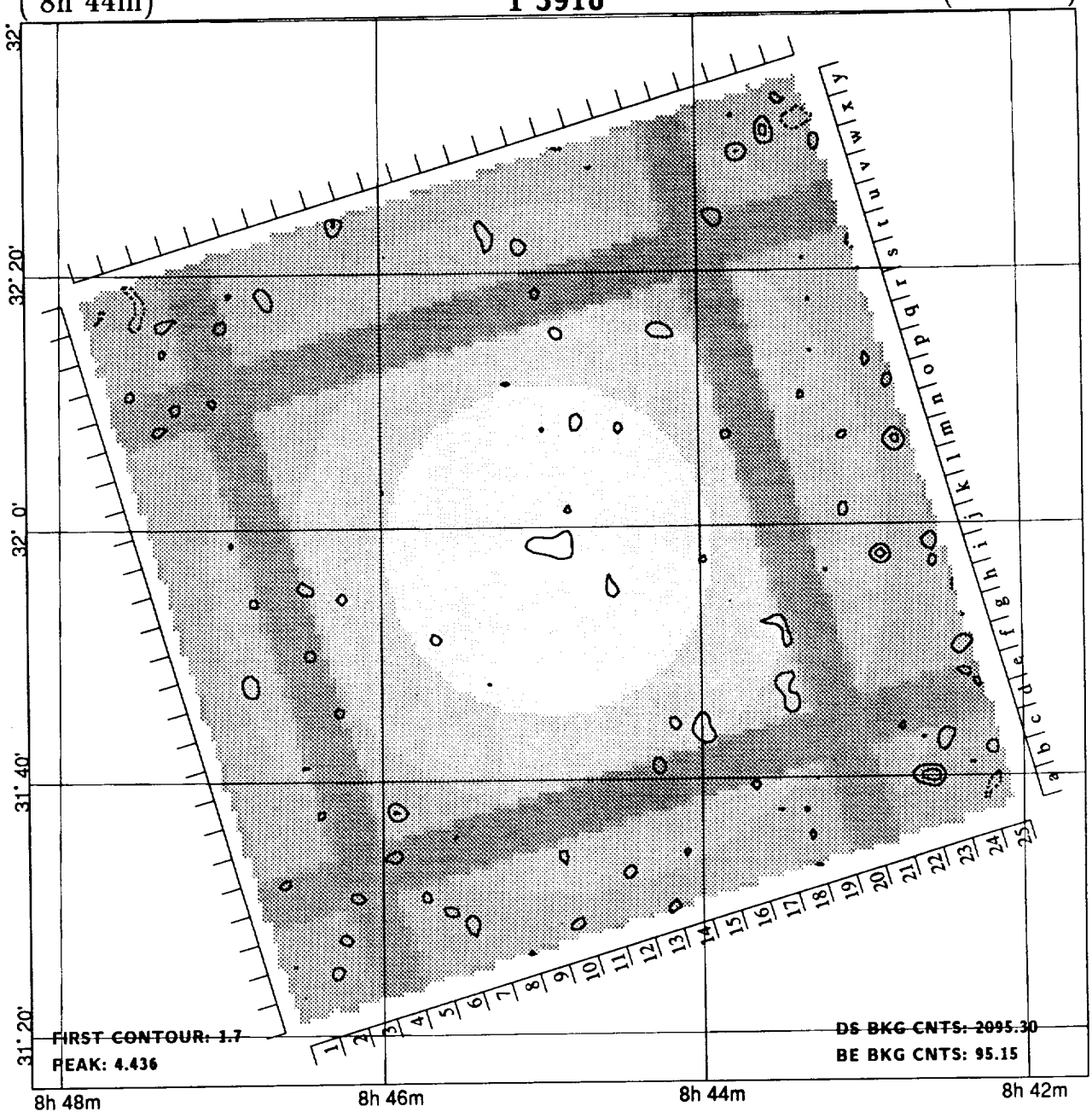
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2048	1	08 44 34.1	34 56 07	31	0.119	0.010	147.6	4.4	12.0	1.2	0	0.2	H	



GD 104,SUBDWARF STAR

FIELD CENTER:	$08^h44^m36.0^s$ -09°05'53" (B1950)	DATE: 1980/120 - 1980/120	NH: 4.0E+20
	$08^h47^m01.6^s$ -09°16'57" (J2000)	LIVETIME: 1948.3s	REF/ID:
	ℓ: 235.61 b: 20.54	ROLL ANGLE: 76.2°	FIELD FLAGS:

(8h 44m) **I 3918** (8h 44m)

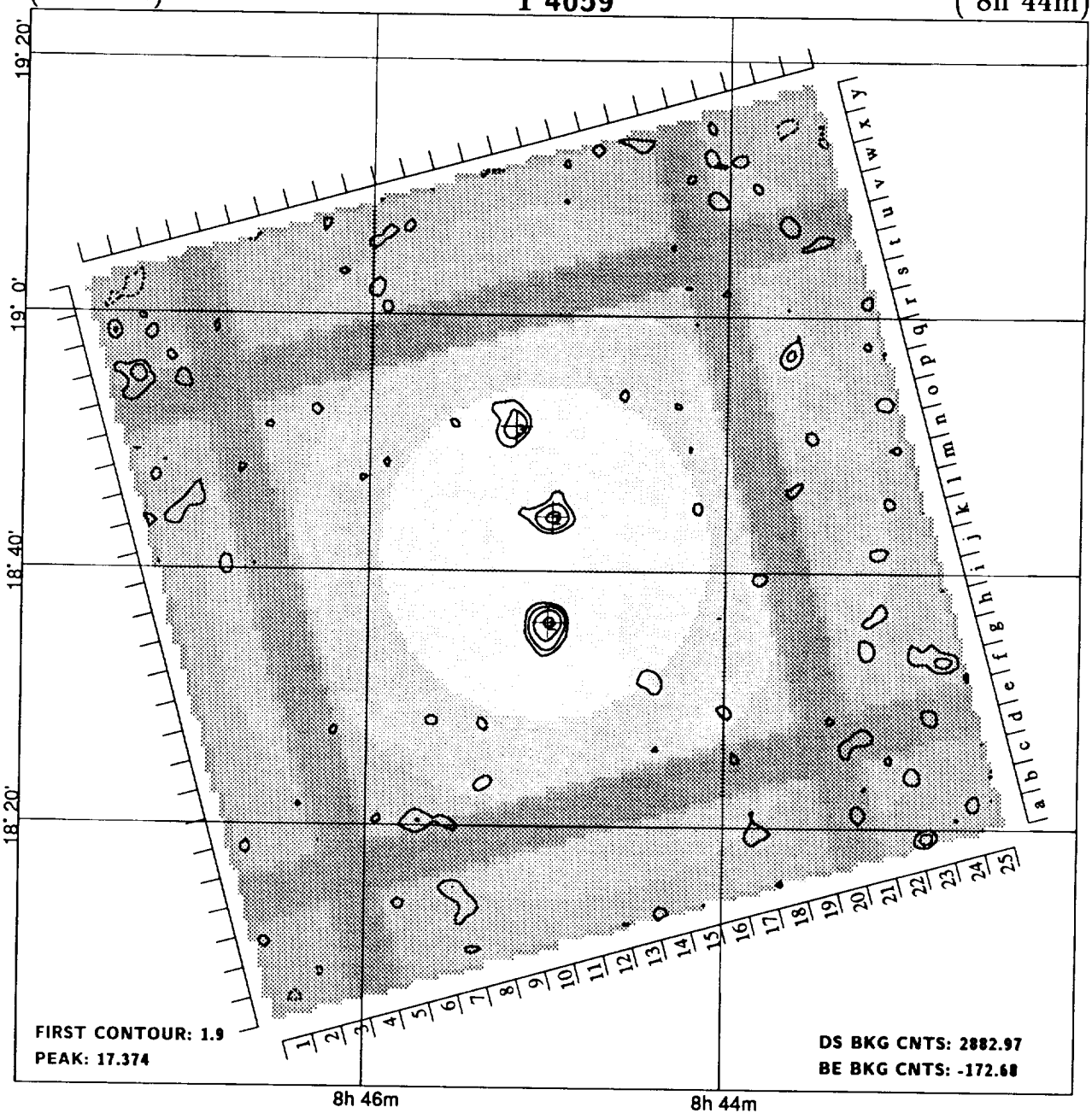


B2 0844+31 HALO

FIELD CENTER: $08^h44^m54.3^s$ $31°58'12''$ (B1950)
$08^h47^m59.1^s$ $31°47'07''$ (J2000)
ℓ: 192.26 b: 37.48

DATE: 1979/298 - 1979/298
LIVETIME: 1697.9s
ROLL ANGLE: -106.6°

NH: 3.4E+20
REF/ID: !
FIELD FLAGS:



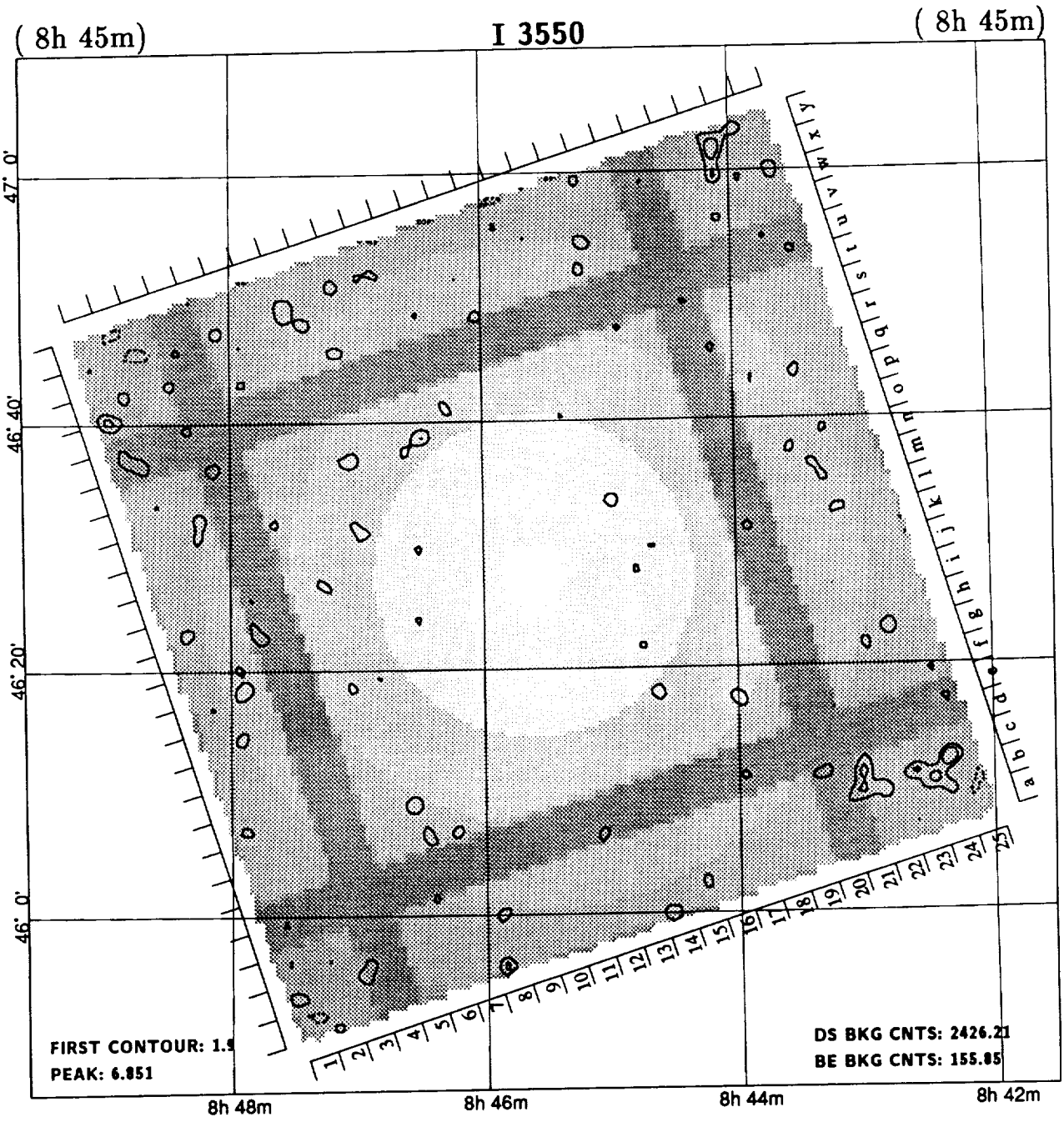
LB 8684, RADIO QUIET QUASAR WITH CONTINUOUS SPECTRUM

FIELD CENTER: $08^h44^m59.0^s$ $18°41'29''$ (B1950)
$08^h47^m49.5^s$ $18°30'24''$ (J2000)
ℓ: 207.95 b: 33.72

DATE: 1979/296 - 1979/296
LIVETIME: 2336.2s
ROLL ANGLE: -105.3°

NH: 2.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2049	1	08 44 58.3	18 44 15	35	0.0194	0.0037	33.1	6.9	5.2	0.9	0	2.8	H	
2050	2	08 44 59.4	18 36 01	41	0.0361	0.0049	60.0	6.0	7.4	1.1	0	5.5	H	
2052	3	08 45 10.9	18 51 19	42	0.0146	0.0035	22.6	6.4	4.2	0.9	0	10.4	H	

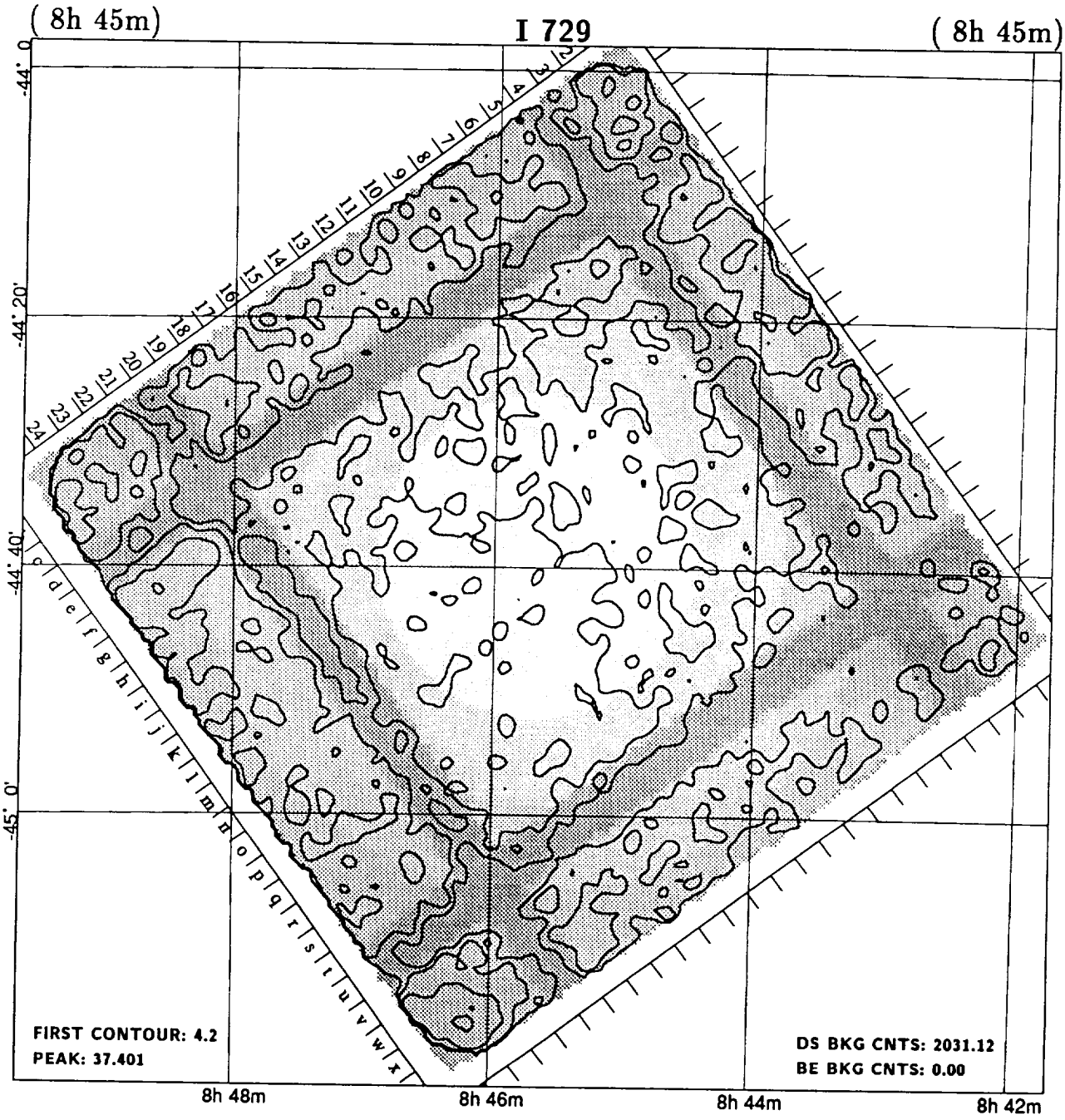


MKN 96, SEYFERT AND ACTIVE NUCLEI GALAXIES

FIELD CENTER: $08^h45^m33.6^s$ 46°28'00" (B1950)
$08^h48^m59.5^s$ 46°16'52" (J2000)
ℓ: 173.88 b: 39.15

DATE: 1979/297 - 1979/297
LIVETIME: 1966.0s
ROLL ANGLE: -107.6°

NH: 1.2E+20
REF/ID:
FIELD FLAGS:

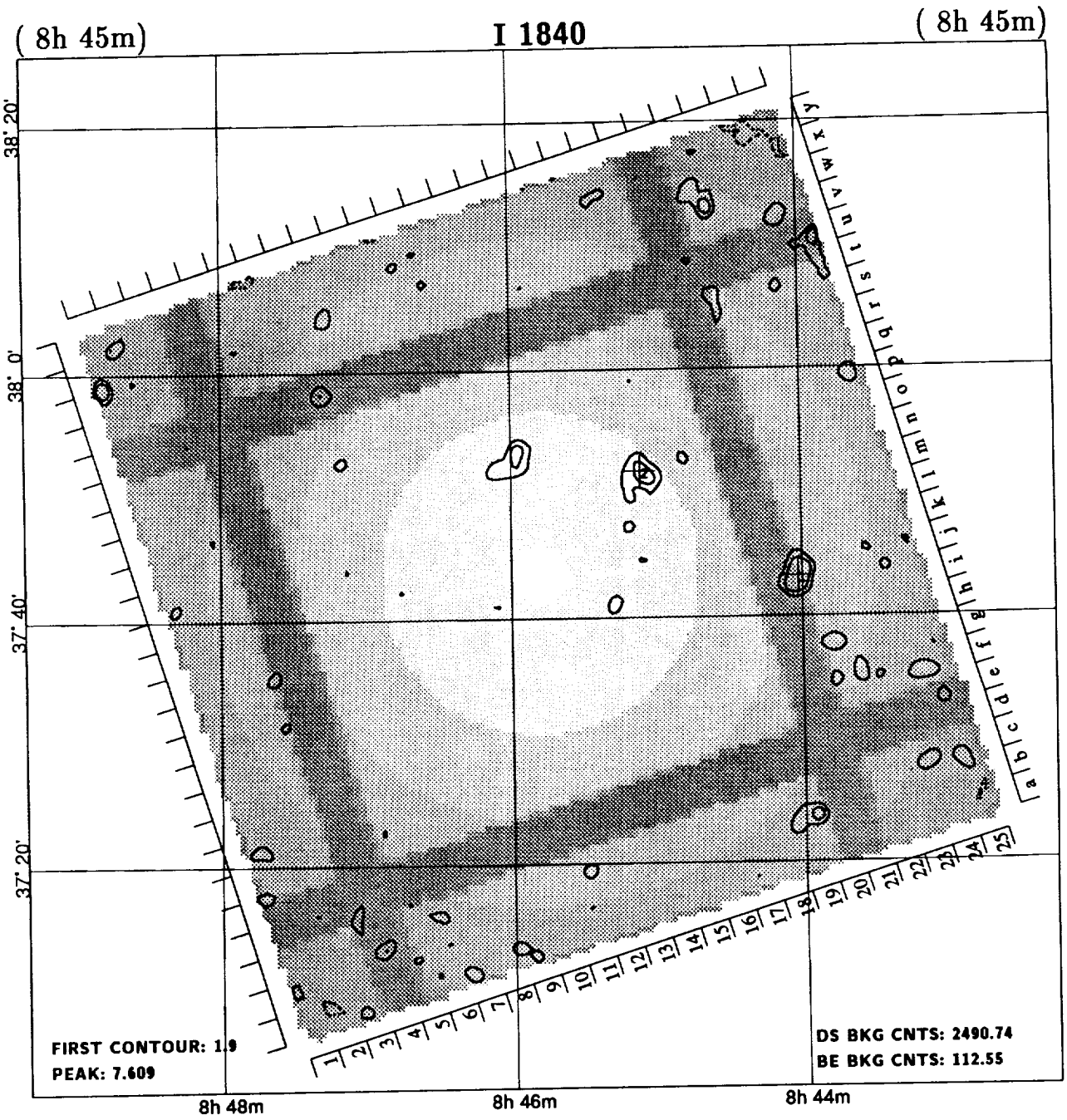


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h45^m41.0^s$ -44°39'59" (B1950)
$08^h47^m25.2^s$ -44°51'05" (J2000)
ℓ: 264.60 b: -0.90

DATE: 1980/154 - 1980/154
LIVETIME: 1645.9s
ROLL ANGLE: 53.6°

NH: 6.1E+21
REF/ID: SNR
FIELD FLAGS: LST



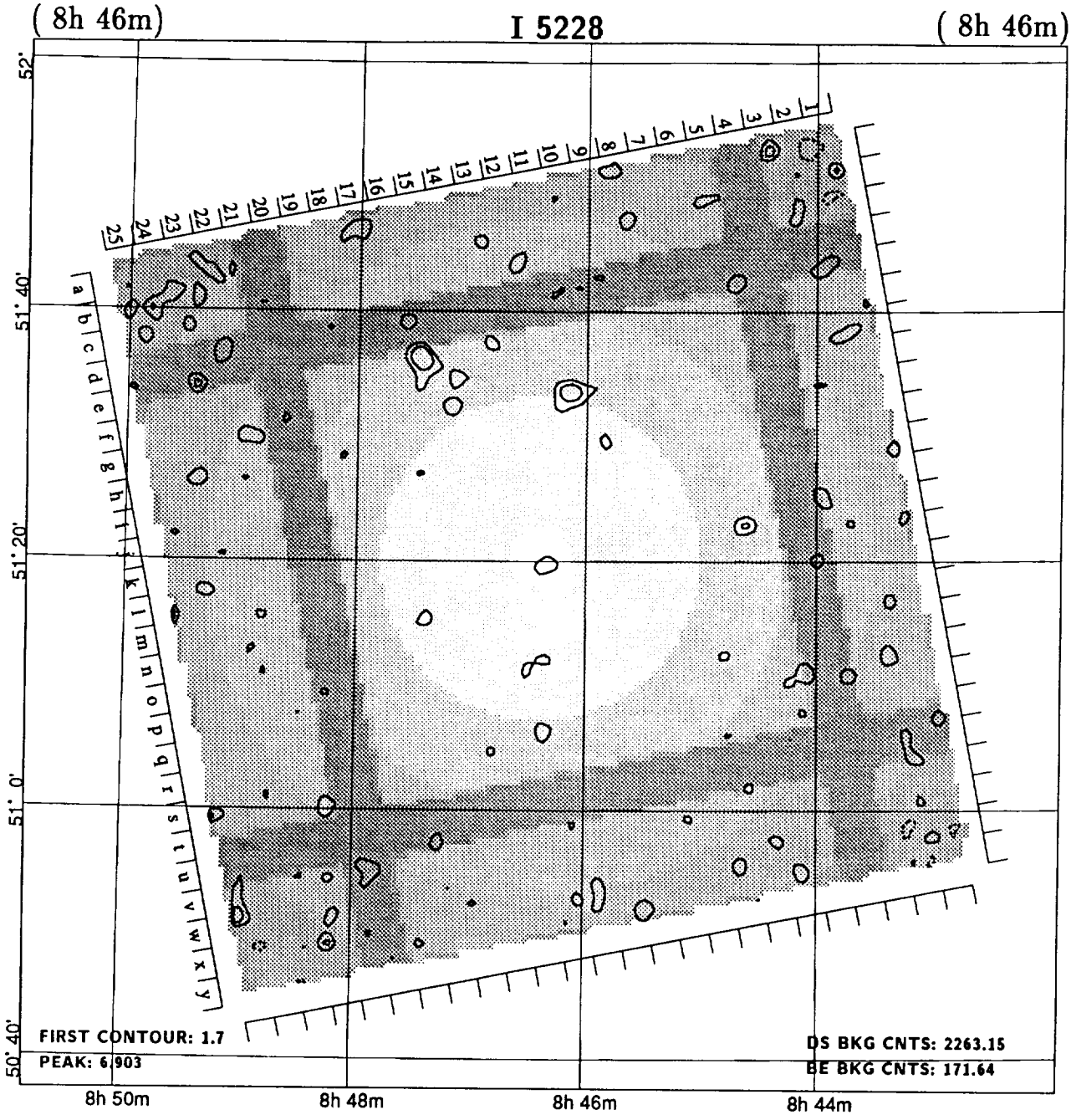
A708: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: $08^h45^m48.0^s$ $37°43'59''$ (B1950)
$08^h49^m00.1^s$ $37°32'51''$ (J2000)
ℓ: 185.08 b: 38.62

DATE: 1979/297 - 1979/297
LIVETIME: 2018.3s
ROLL ANGLE: -107.3°

NH: 3.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2047	1	08 44 01.6	37 43 15	53	*0.0233	0.0052	23.3	3.7	4.5	0.8	1008	20.7		AGN
2051	2	08 45 06.4	37 51 48	46	0.0161	0.0039	21.0	5.0	4.1	1.0	0	11.1	H	AGN

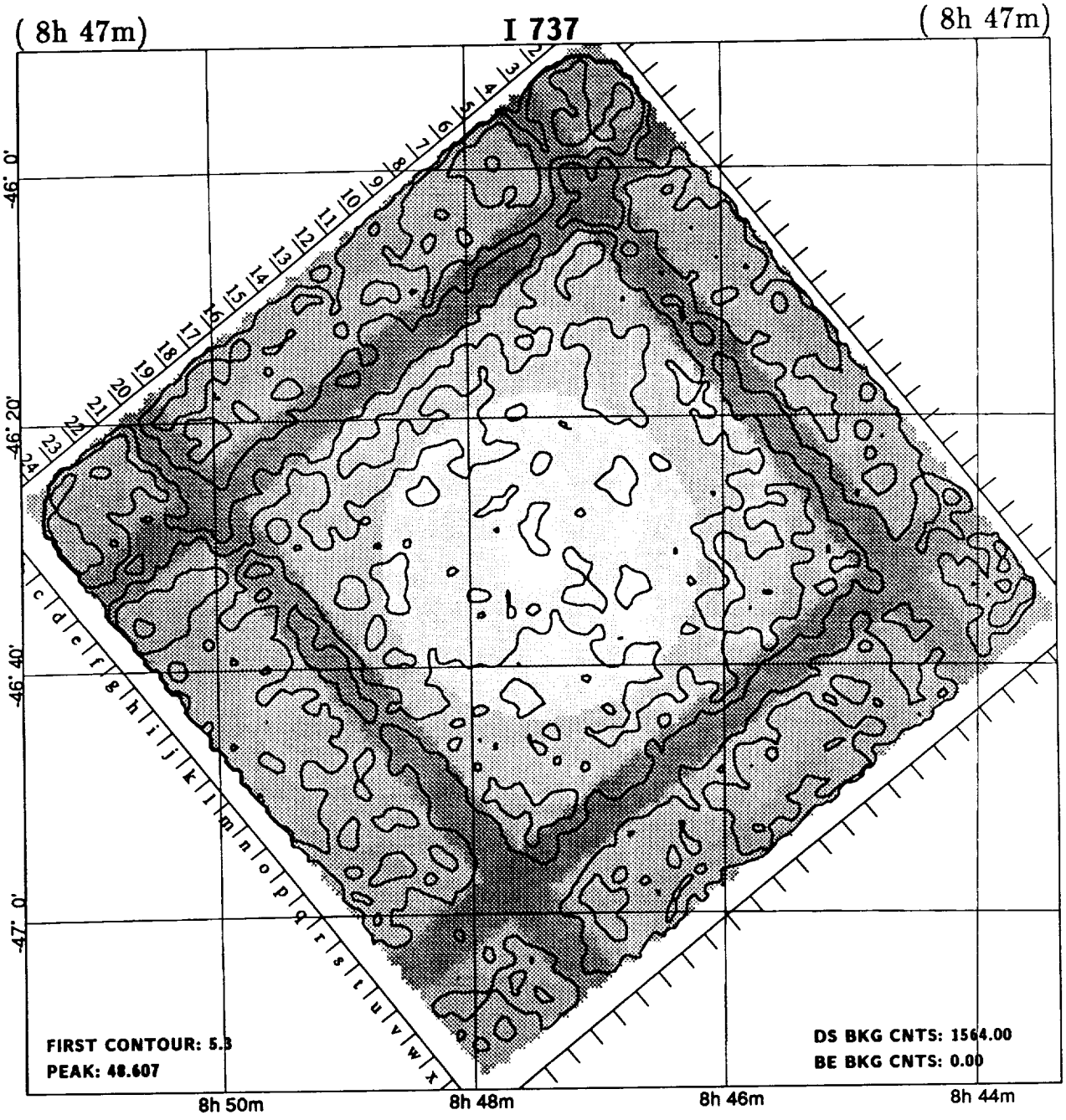


BL LAC 0846+51W1,RADIO WEAK QUASARS

FIELD CENTER: $08^h46^m22.5^s$ $51°19'38''$ (B1950)
$08^h49^m58.0^s$ $51°08'27''$ (J2000)
ℓ: 167.61 b: 39.14

DATE: 1980/123 - 1980/123
LIVETIME: 1899.7s
ROLL ANGLE: 79.0°

NH: 2.4E+20
REF/ID:
FIELD FLAGS:

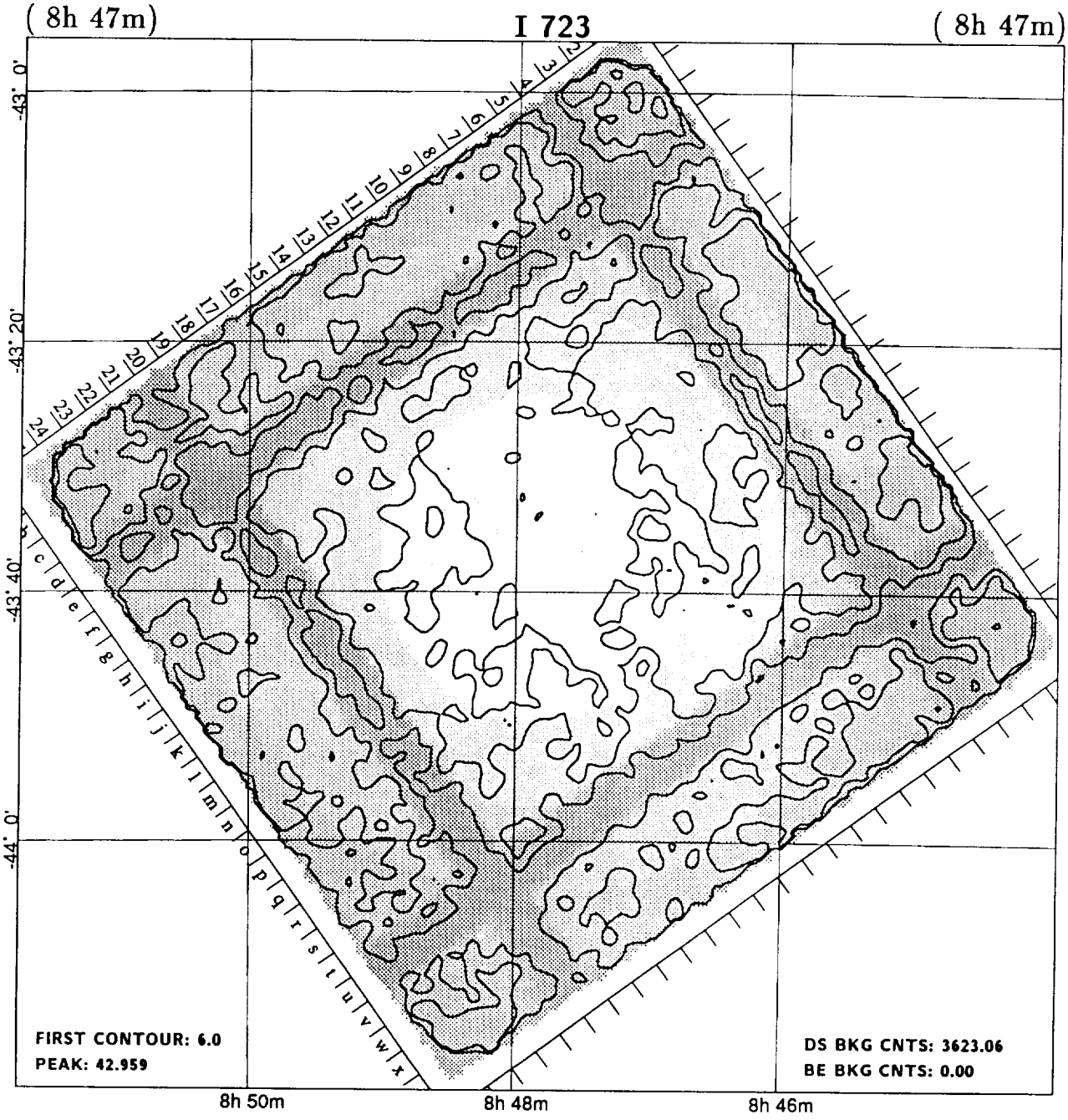


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h47^m27.0^s$ $-46°31'59''$ (B1950)
$08^h49^m08.2^s$ $-46°43'11''$ (J2000)
ℓ: 266.25 b: -1.85

DATE: 1980/157 - 1980/157
LIVETIME: 1267.4s
ROLL ANGLE: 51.3°

NH: 2.6E+21
REF/ID: SNR
FIELD FLAGS: LST



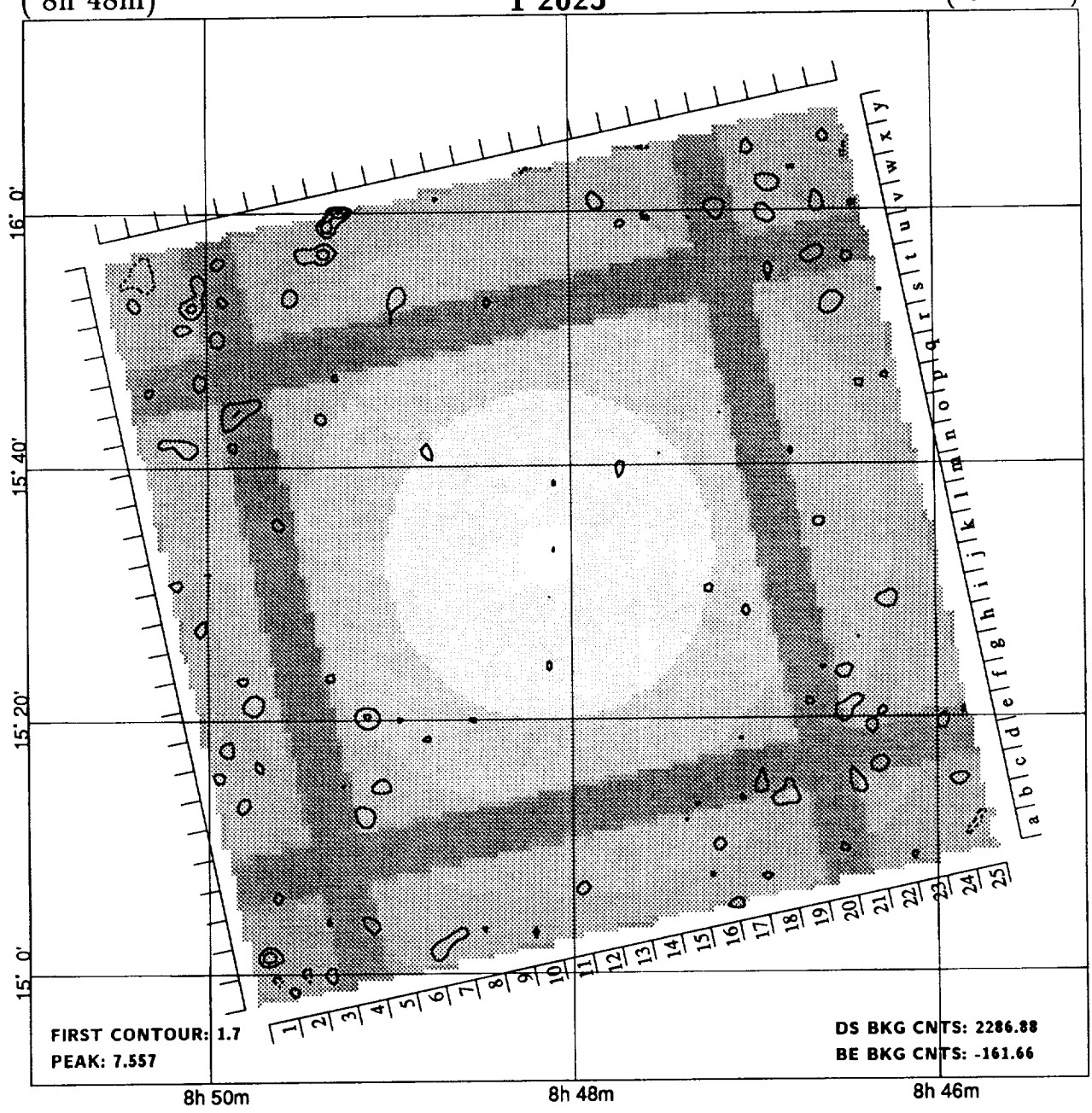
VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h47^m50.0^s$ -43°37'59" (B1950)
$08^h49^m36.3^s$ -43°49'12" (J2000)
ℓ: 264.05 b: 0.05

DATE: 1980/154 - 1980/154
LIVETIME: 2935.9s
ROLL ANGLE: 54.1°

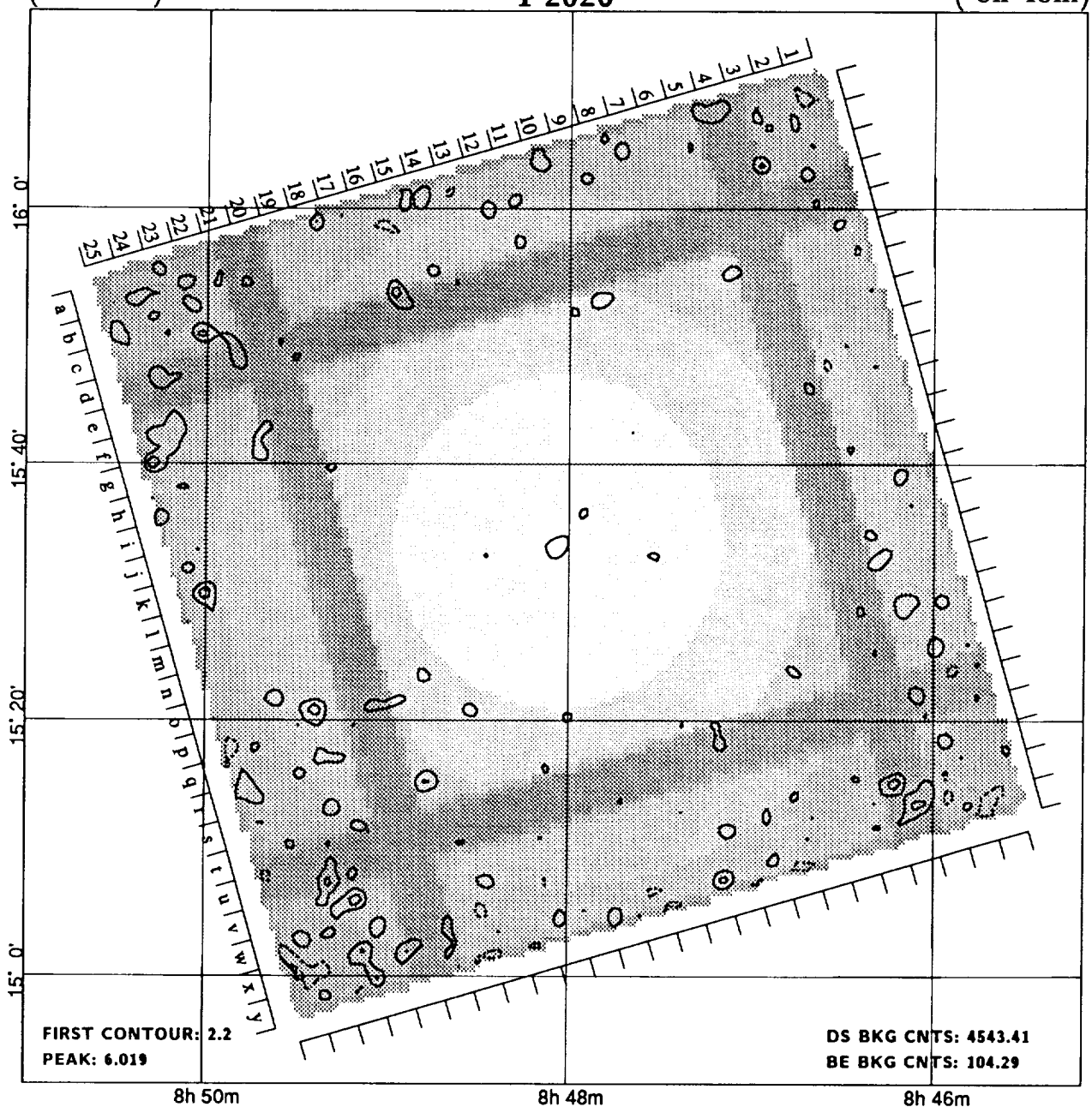
NH: 6.4E+21
REF/ID: SNR
FIELD FLAGS: LST

(8h 48m) **I 2025** (8h 48m)



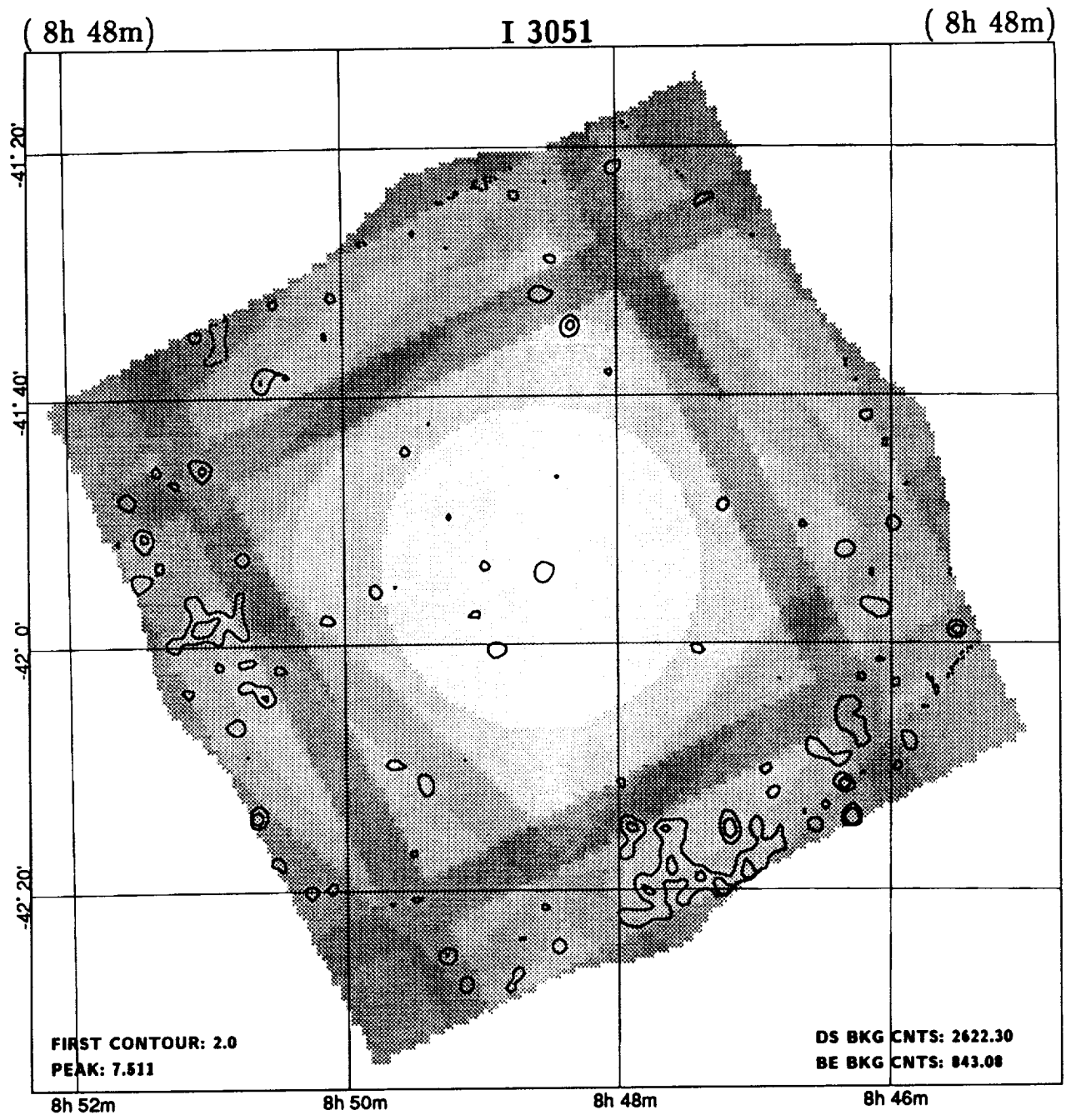
LB 8755/96 : STUDY, QUASARS

FIELD CENTER:	$08^h48^m05.0^s$ $15°33'28''$ (B1950)	**DATE:** 1979/296 - 1979/296	**NH:** 3.1E+20
	$08^h50^m52.4^s$ $15°22'13''$ (J2000)	**LIVETIME:** 1853.1s	**REF/ID:** !
	ℓ: 211.77 b: 33.24	**ROLL ANGLE:** -101.8°	**FIELD FLAGS:** C



LB 8755/96: STUDY, QUASARS

FIELD CENTER:	$08^h48^m05.0^s$ $15°33'28''$ (B1950)	DATE: 1980/133 - 1980/135	NH: 3.1E+20
	$08^h50^m52.4^s$ $15°22'13''$ (J2000)	LIVETIME: 3681.6s	REF/ID: !
	ℓ: 211.77 b: 33.24	ROLL ANGLE: 73.9°	FIELD FLAGS: C

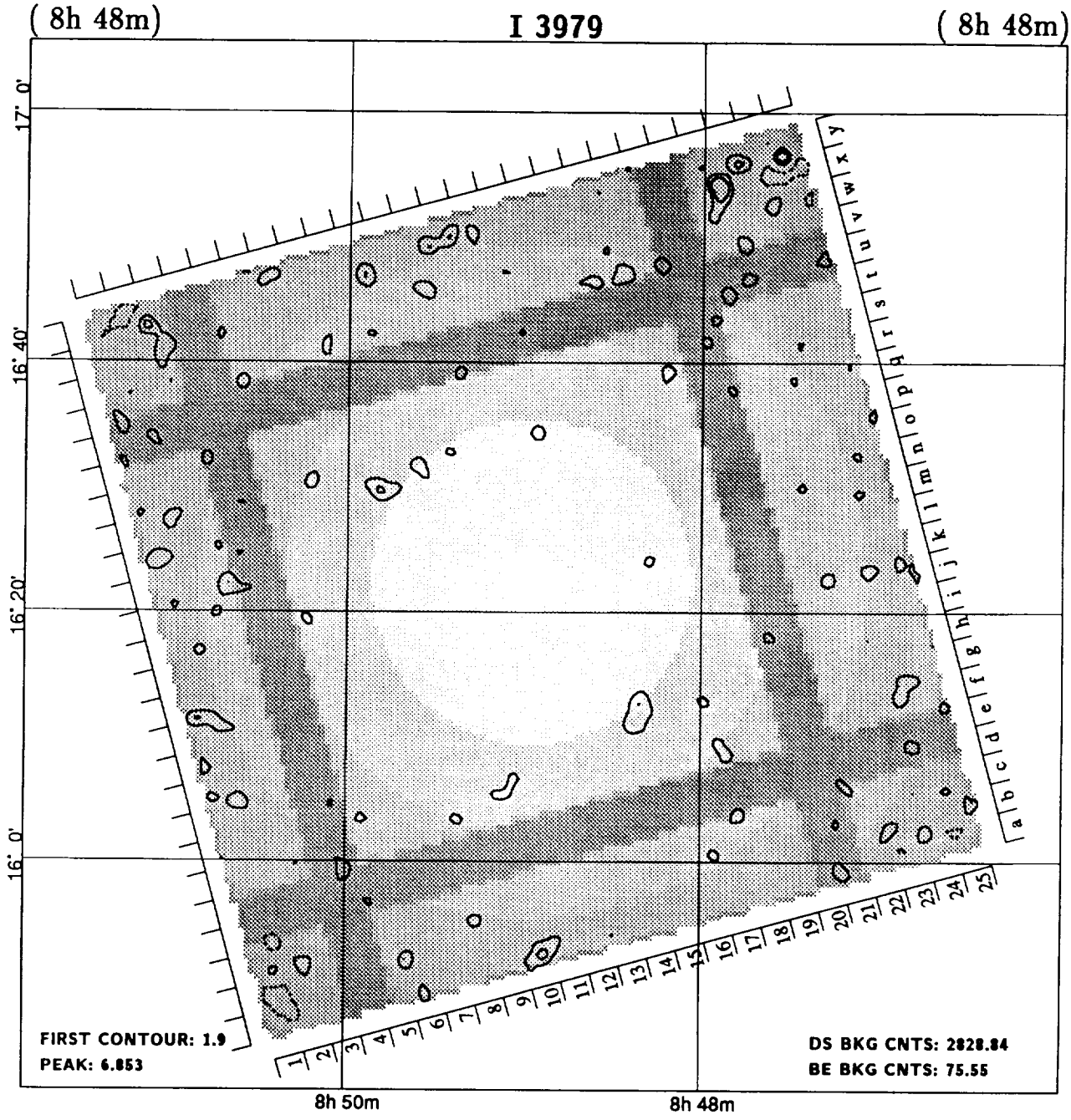


COLLIDING STELLAR WINDS: HD 75759

FIELD CENTER: $08^h48^m32.0^s$ -41°53'59" (B1950)
$08^h50^m21.3^s$ -42°05'15" (J2000)
ℓ: 262.80 b: 1.26

DATE: 1979/172 - 1979/328
LIVETIME: 2124.9s

NH: 5.3E+21
REF/ID: SNR
FIELD FLAGS:



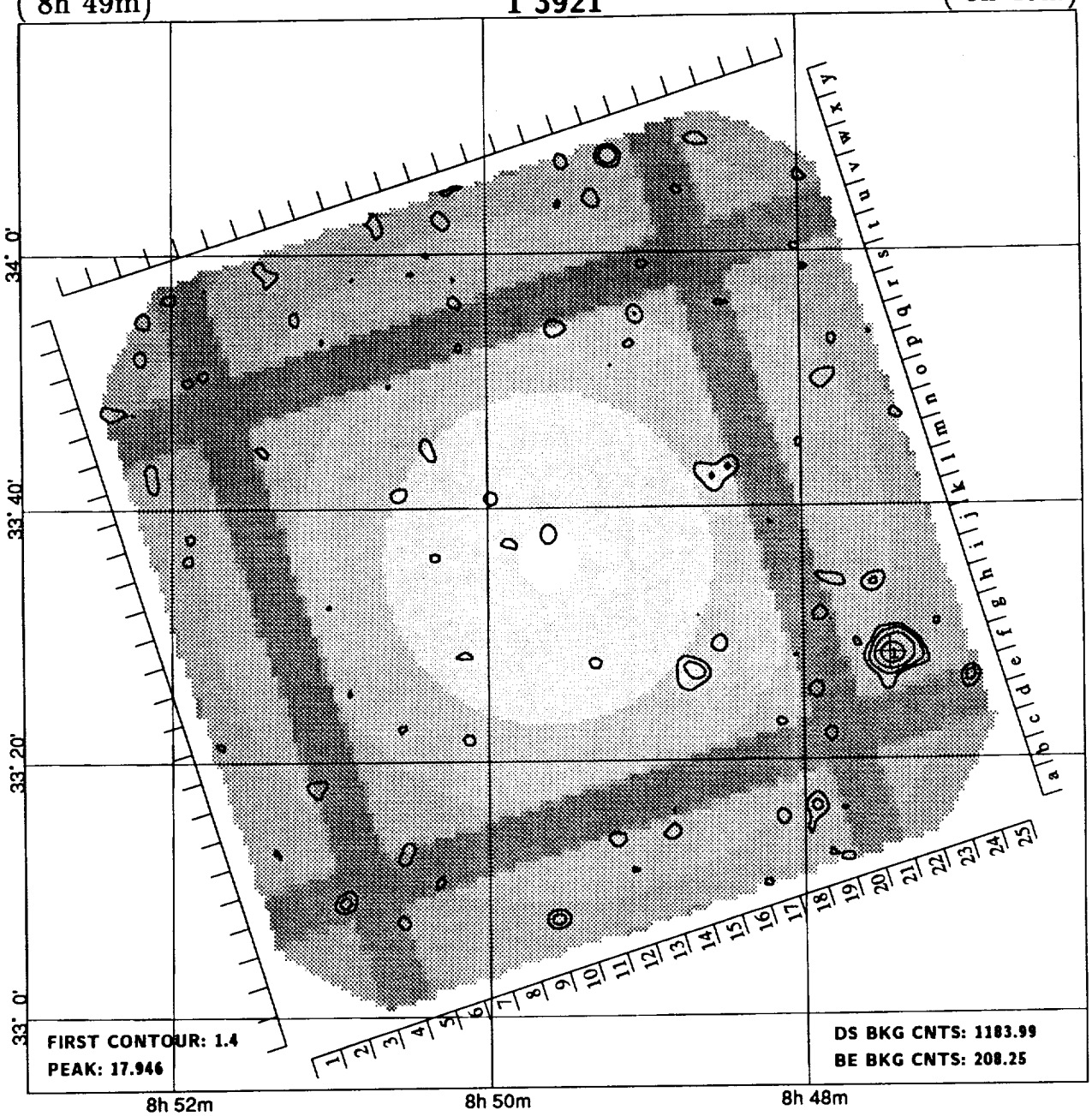
LB 8775, BRIGHT OPTICALLY-SELECTED QUASAR

FIELD CENTER: $08^h48^m53.7^s$ 16°23′39″ (B1950)
$08^h51^m41.8^s$ 16°12′21″ (J2000)
ℓ: 210.93 b: 33.74

DATE: 1979/296 - 1979/296
LIVETIME: 2292.3s
ROLL ANGLE: -105.3°

NH: 3.0E+20
REF/ID:
FIELD FLAGS:

(8h 49m) **I 3921** (8h 49m)



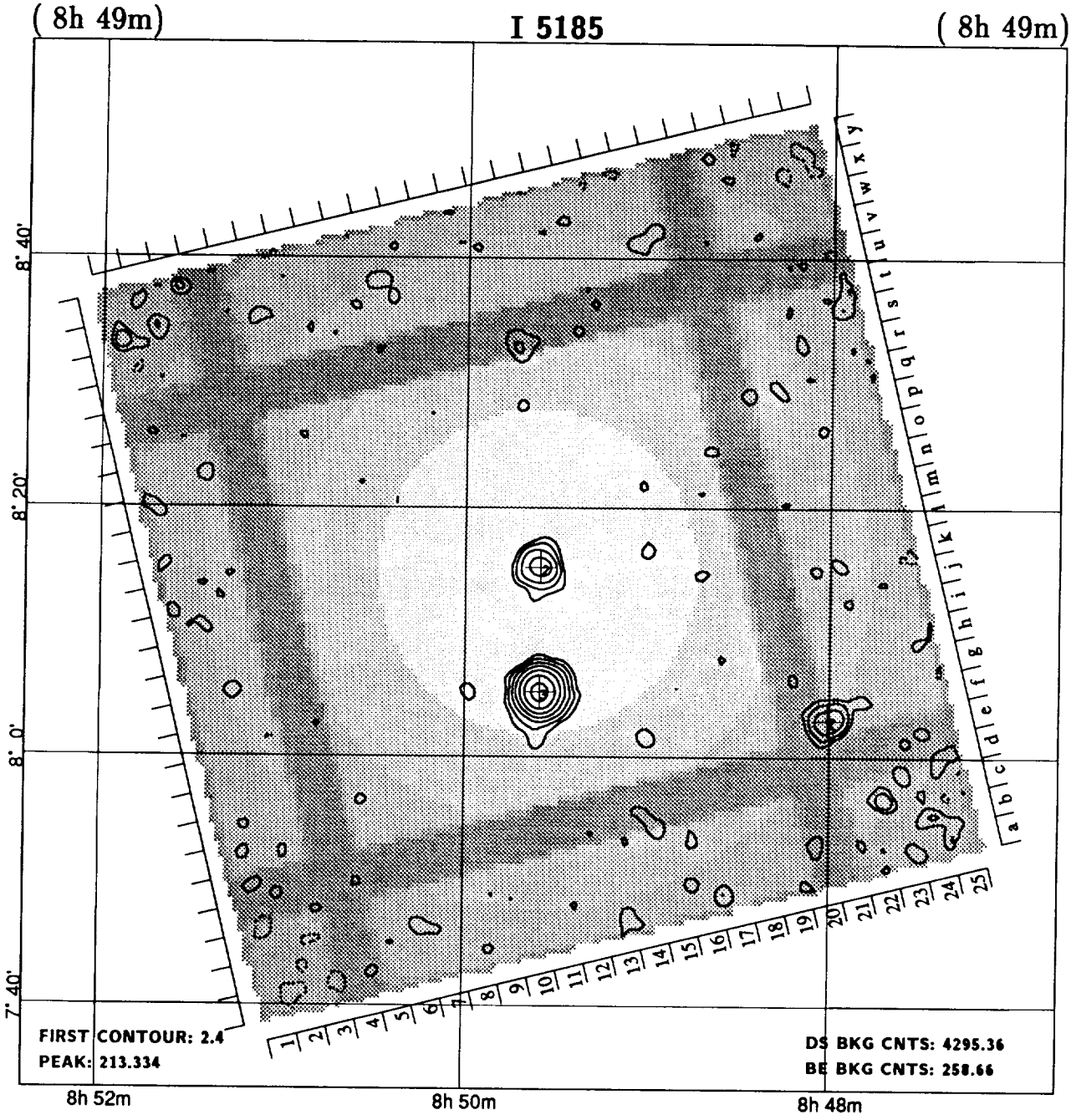
NGC 2683 HALO

FIELD CENTER: $08^h49^m34.8^s$ $33°36'29''$ (B1950)
$08^h52^m41.0^s$ $33°25'09''$ (J2000)
ℓ: 190.46 b: 38.76

DATE: 1979/297 - 1979/297
LIVETIME: 959.4s
ROLL ANGLE: -107.5°

NH: 2.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2053	1	08 47 27.2	33 28 25	50	0.095	0.017	34.5	2.5	5.7	1.2	0	27.7	H	S



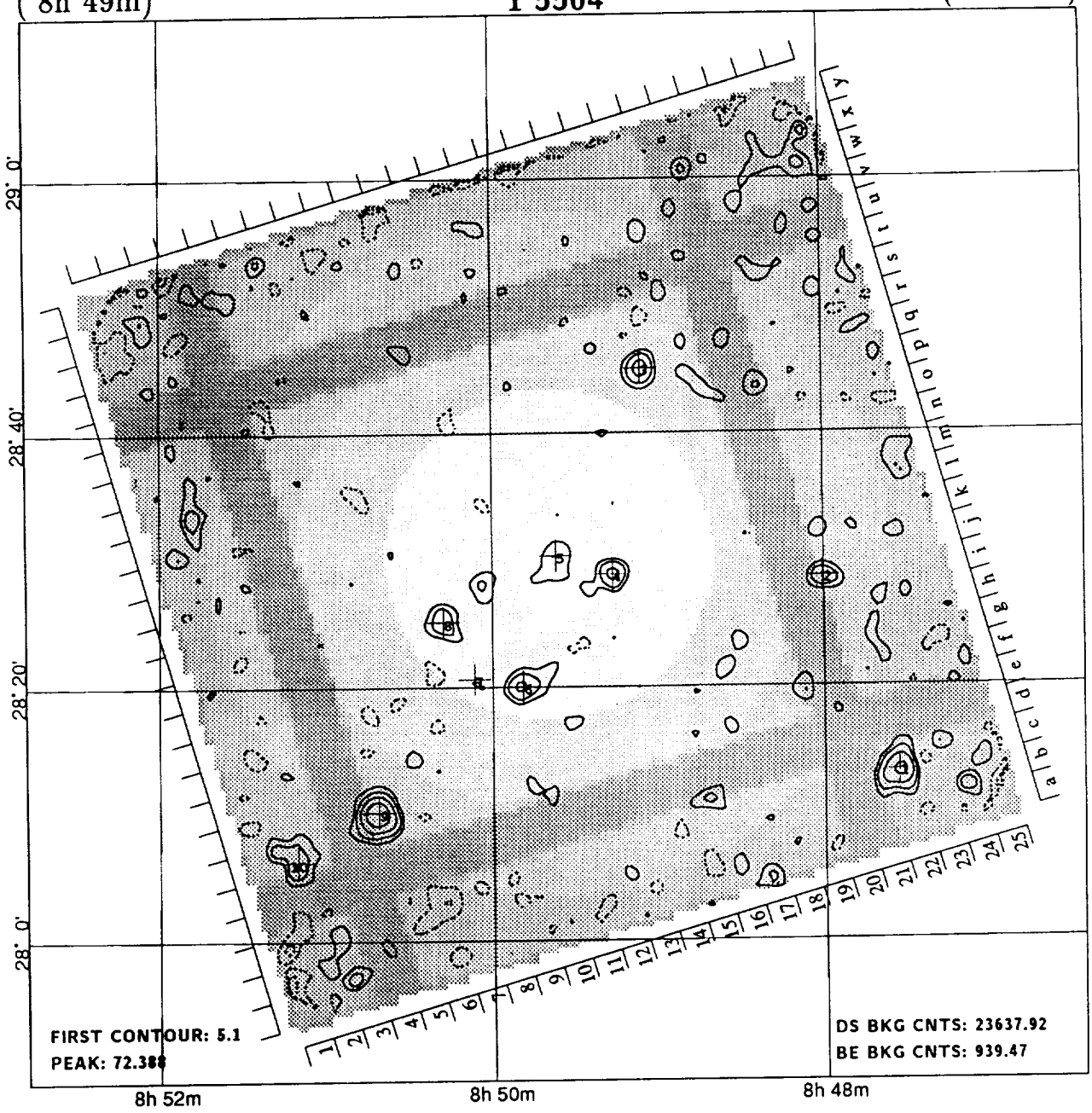
STAR HD 75767,CORRELATION OF CORONAL ACTIVITY WITH BINARY PERIOD

FIELD CENTER: $08^h49^m35.0^s$ $08°15'17''$ (B1950)
$08^h52^m15.8^s$ $08°03'57''$ (J2000)
ℓ: 219.75 b: 30.49

DATE: 1979/295 - 1979/300
LIVETIME: 3480.7s
ROLL ANGLE: -103.8°

NH: 4.6E+20
REF/ID: S
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2056	1	08 48 00.6	08 02 53	50	*0.0309	0.0049	43.7	5.3	6.2	1.1	1107	26.4	H	S
2059	2	08 49 35.2	08 15 12	31	0.0462	0.0044	119.8	11.2	10.5	1.2	0	0.2	H	
2060	3	08 49 35.3	08 05 09	37	0.342	0.012	798.4	9.6	28.1	1.2	0	10.0	H	SY



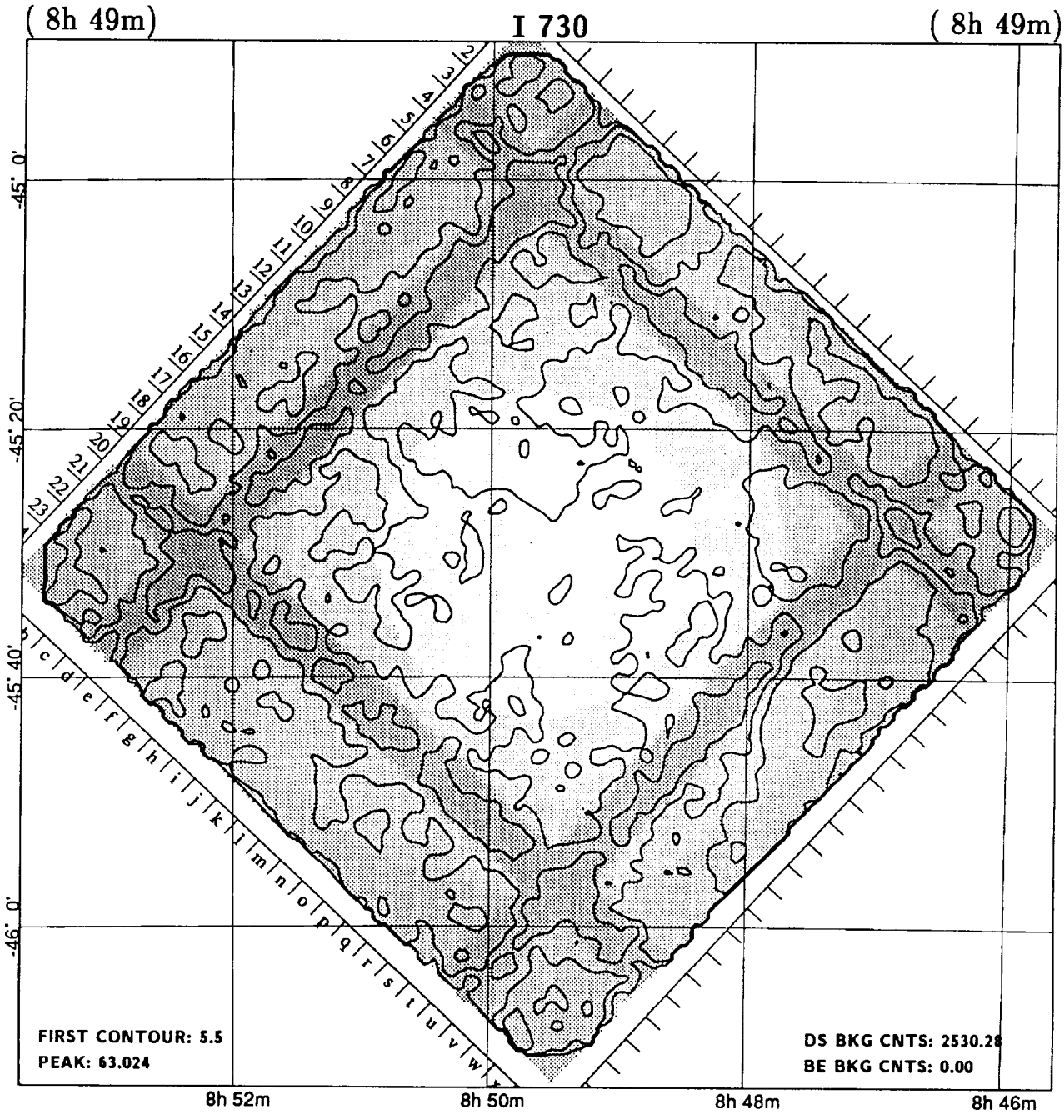
HD 075732

FIELD CENTER: $08^h49^m37.0^s$ $28°30'59''$ (B1950)
$08^h52^m37.2^s$ $28°19'39''$ (J2000)
ℓ: 196.80 b: 37.70

DATE: 1979/301 - 1979/302
LIVETIME: 19154.5s
ROLL ANGLE: -106.3°

NH: 3.2E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2054	1	08 47 33.4	28 13 19	50	0.0141	0.0018	83.6	30.4	7.8	1.1	700	32.4	H	
2055	2	08 48 00.3	28 28 45	53	*0.00468	0.00095	43.3	34.7	4.9	0.7	805	21.3	H	
2057	3	08 49 05.8	28 45 07	50	0.00663	0.00099	72.3	43.7	6.7	0.9	0	15.8		AGN
2058	4	08 49 16.3	28 28 58	33	0.00652	0.00089	89.1	57.9	7.3	0.8	0	4.8		AGN
2061	5	08 49 36.9	28 30 26	36	0.00274	0.00070	39.2	61.8	3.9	1.0	0	0.4		S
2063	6	08 49 49.0	28 20 03	41	0.00581	0.00091	73.3	57.7	6.4	1.0	0	11.2	H	AGN
2065	7L	08 50 06.5	28 20 39	49	0.00328	0.00089	40.7	40.3	3.6	0.0	0	12.2		
2067	8	08 50 17.8	28 25 17	41	0.00506	0.00083	64.7	48.3	6.1	0.8	0	10.7		AGN
2069	9	08 50 41.6	28 10 11	48	*0.0204	0.0017	171.5	39.5	11.8	1.1	703	25.1	H	
2074	10	08 51 10.7	28 06 13	59	*0.0044	0.0013	27.4	33.6	3.5	1.3	603	32.2	H	

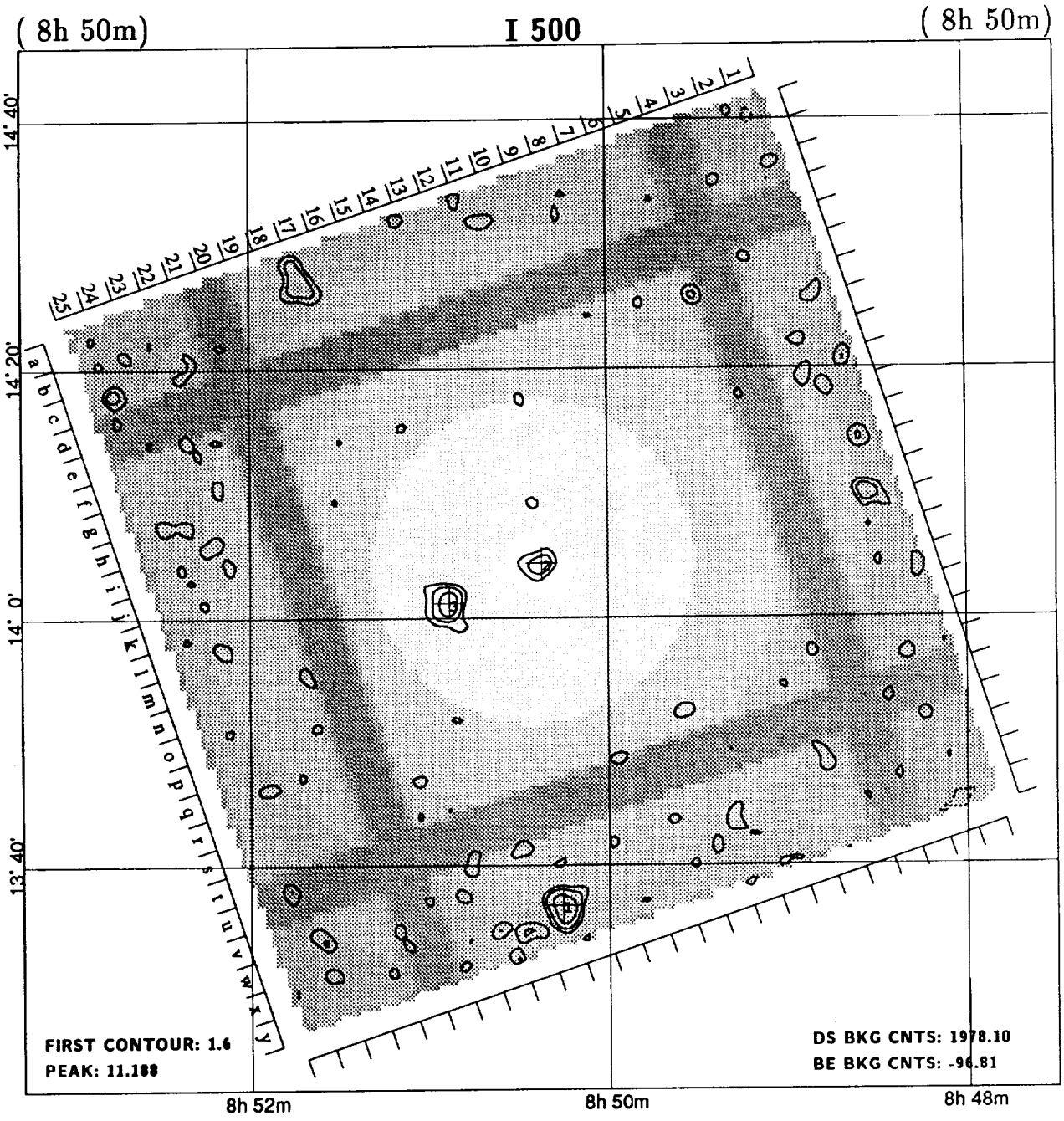


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h49^m38.0^s$ $-45°30'59''$ (B1950)
$08^h51^m21.5^s$ $-45°42'18''$ (J2000)
ℓ: 265.70 b: -0.91

DATE: 1979/172 - 1979/172
LIVETIME: 2050.4s
ROLL ANGLE: 42.9°

NH: 3.8E+21
REF/ID: SNR
FIELD FLAGS: LST



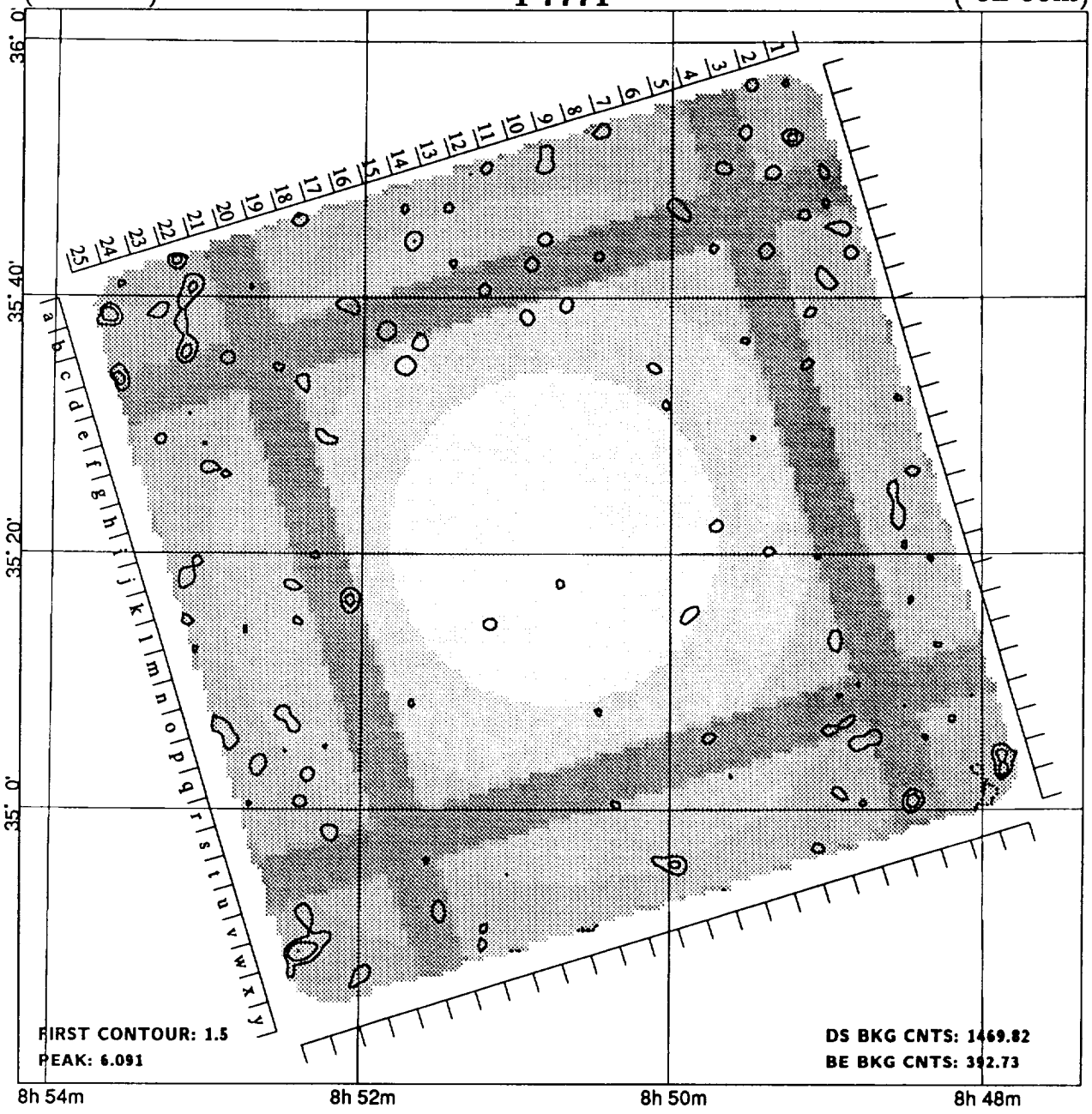
3CR 208 (QSO 0850+140) QUASAR SURVEY

FIELD CENTER: $08^h50^m22.8^s$ $14°03'57''$ (B1950)
$08^h53^m08.7^s$ $13°52'35''$ (J2000)
ℓ: 213.67 b: 33.16

DATE: 1979/117 - 1979/117
LIVETIME: 1602.9s
ROLL ANGLE: 71.6°

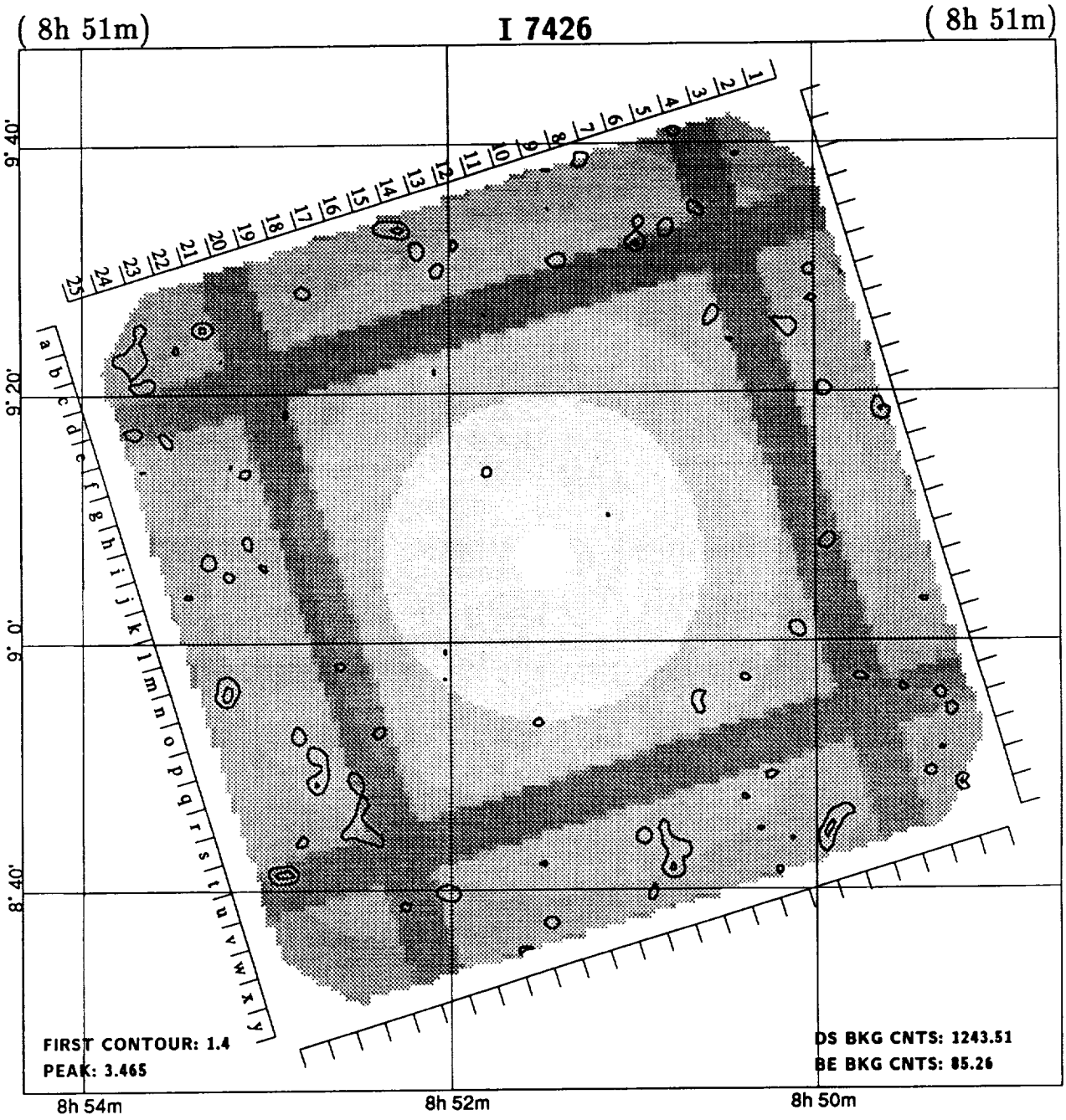
NH: 3.5E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2066	1	08 50 15.6	13 36 48	51	0.0426	0.0088	26.5	3.5	4.8	1.1	0	27.1	H	
2068	2	08 50 22.2	14 04 25	37	0.0157	0.0040	18.8	4.2	3.9	0.7	0	0.4	H	Q
2070	3	08 50 53.2	14 01 11	41	0.0342	0.0059	37.9	4.1	5.8	1.0	0	8.1	H	S



VV 243,KNOTS IN IRREGULAR GALAXIES

FIELD CENTER:	$08^h50^m46.3^s$ $35°20'26''$ (B1950)	DATE: 1980/114 - 1980/114	NH: 3.1E+20
	$08^h53^m54.5^s$ $35°09'02''$ (J2000)	LIVETIME: 1233.8s	REF/ID:
	ℓ: 188.31 b: 39.28	ROLL ANGLE: 73.0°	FIELD FLAGS:

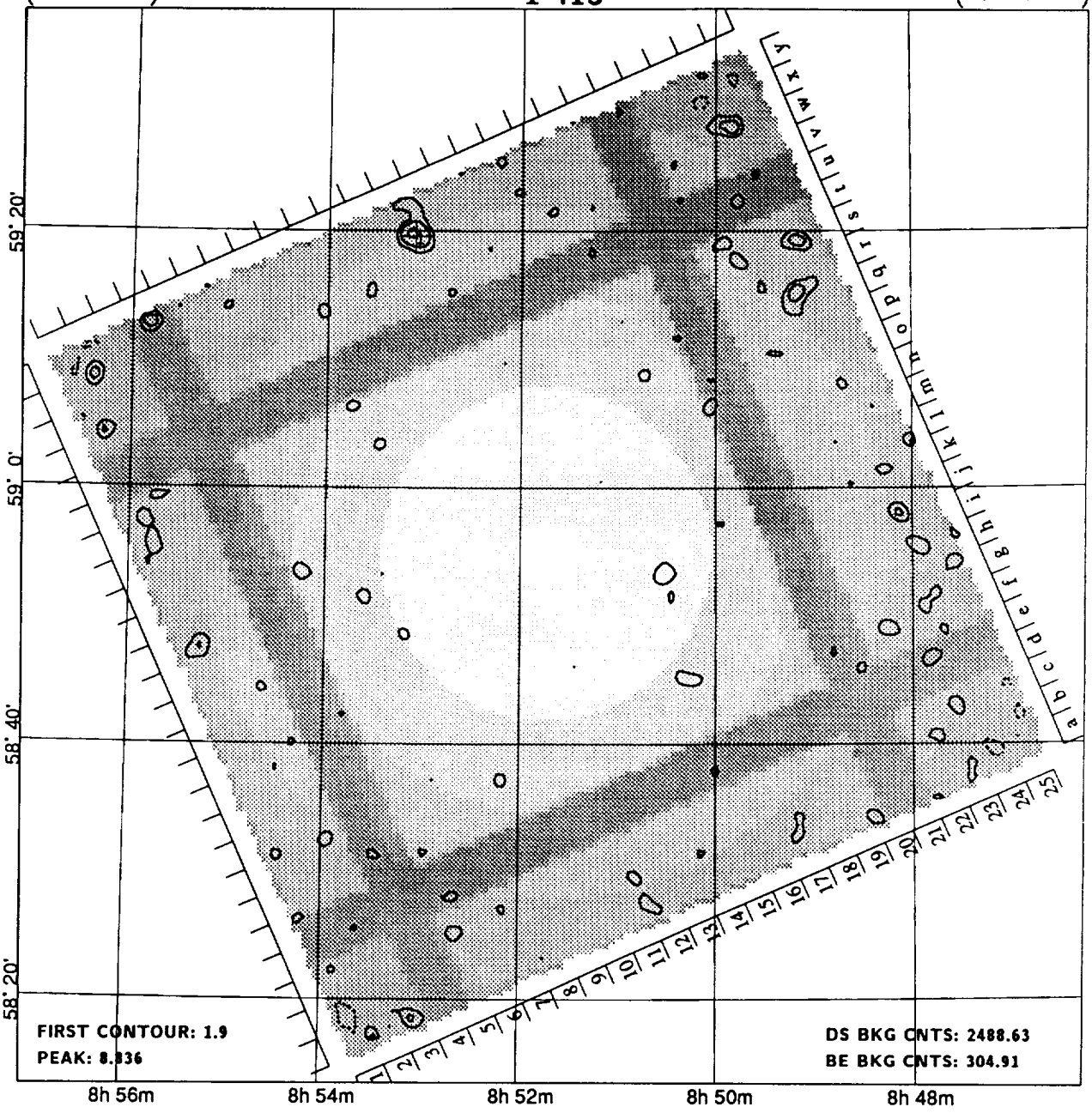


A 31,HOT PLANETARY NEBULA NUCLEUS

FIELD CENTER: $08^h51^m30.0^s$ $09°05'59''$ (B1950)
$08^h54^m11.4^s$ $08°54'33''$ (J2000)
ℓ: 219.12 b: 31.29

DATE: 1980/130 - 1980/130
LIVETIME: 1043.8s
ROLL ANGLE: 73.1°

NH: 4.6E+20
REF/ID:
FIELD FLAGS:



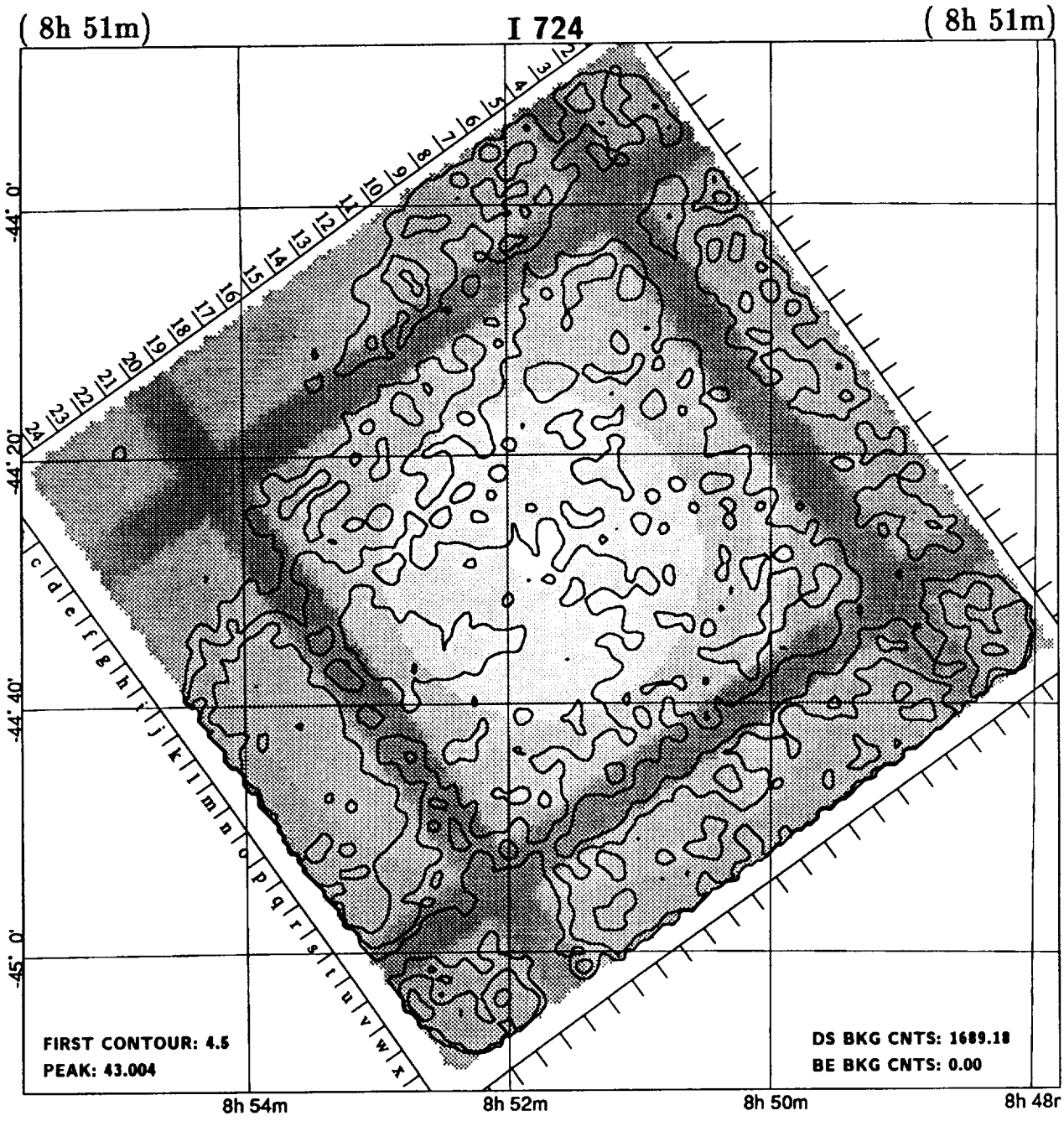
NGC 2685 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $08^h51^m40.2^s$ 58°55'29" (B1950)
$08^h55^m34.1^s$ 58°44'00" (J2000)
ℓ: 157.78 b: 38.89

DATE: 1979/283 - 1979/283
LIVETIME: 2016.6s
ROLL ANGLE: -113.9°

NH: 4.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2079	1	08 53 06.2	59 19 34	53	0.0223	0.0059	18.0	5.0	3.8	1.0	0	26.5	H	

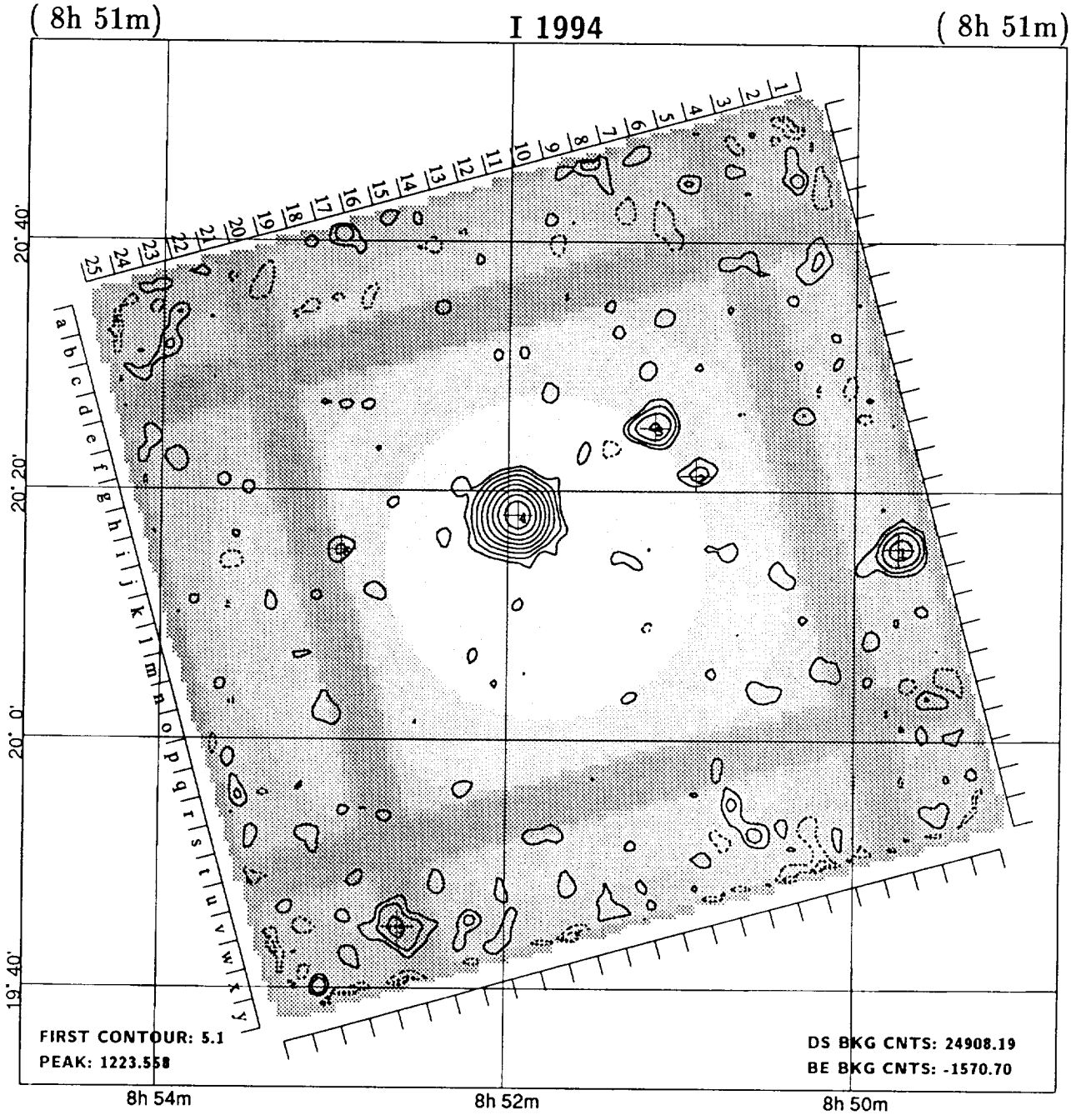


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h51^m45.0^s$ $-44°28'59''$ (B1950)
$08^h53^m30.7^s$ $-44°40'25''$ (J2000)
ℓ: 265.15 b: 0.05

DATE: 1980/154 - 1980/154
LIVETIME: 1368.8s
ROLL ANGLE: 54.7°

NH: 5.6E+21
REF/ID: SNR
FIELD FLAGS: LST



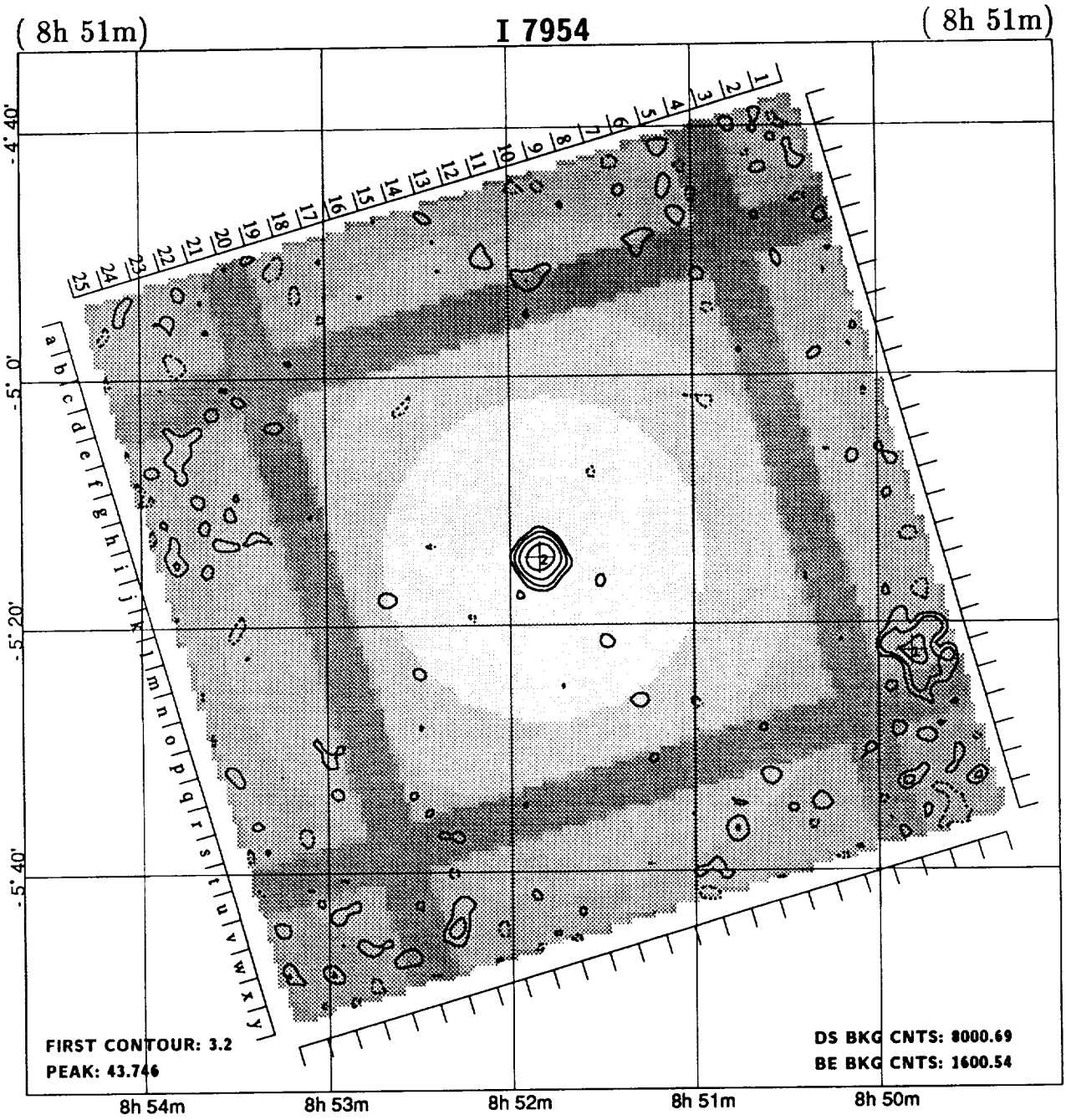
X-RAY STUDY OF BL LAC OBJECTS: OJ 287

FIELD CENTER: $08^h51^m48.0^s$ $20°13'59''$ (B1950)
$08^h54^m39.5^s$ $20°02'32''$ (J2000)
ℓ: 206.87 b: 35.76

DATE: 1980/105 - 1980/137
LIVETIME: 20183.8s
ROLL ANGLE: 74.7°

NH: 3.0E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2062	1	08 49 45.1	20 15 24	48	0.0170	0.0017	128.1	38.9	9.9	1.2	0	28.7	H	
2071	2	08 50 54.9	20 21 15	43	0.00306	0.00075	37.7	47.3	4.1	0.8	0	14.6		
2073	3	08 51 09.2	20 25 05	38	0.0124	0.0012	153.2	53.8	10.6	1.1	0	14.4	H	S
2076	4	08 51 56.6	20 18 03	31	0.3411	0.0049	4971.8	65.2	70.1	1.3	0	4.6	H	BL
2077	5	08 52 37.0	19 44 55	57	*0.0075	0.0013	48.2	22.8	5.7	1.5	1008	31.0	H	
2078	6	08 52 57.9	20 15 16	56	*0.00261	0.00072	29.7	37.3	3.6	0.5	805	16.5		



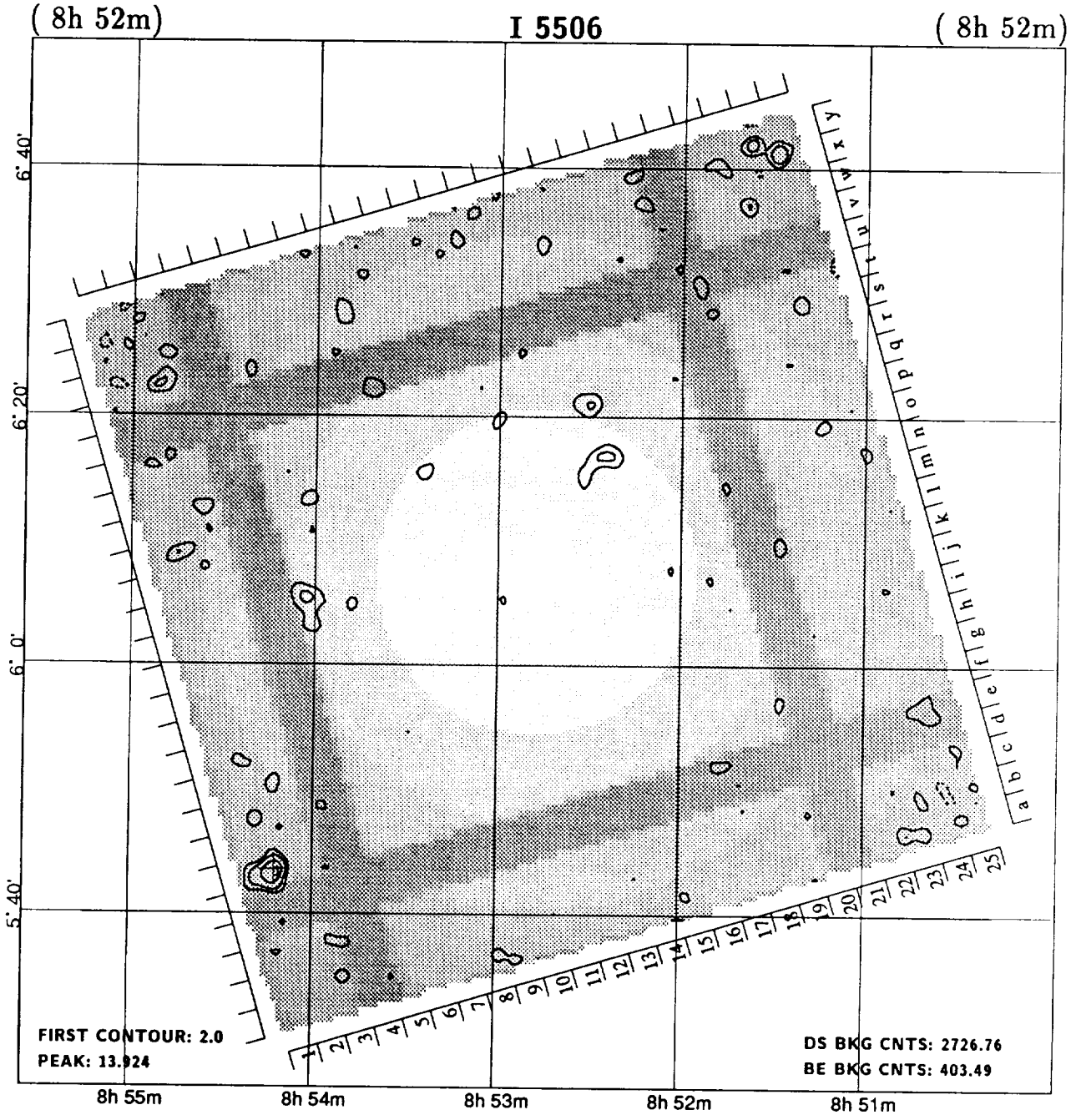
HR 3538(HD 76151),CFA STELLAR SURVEY

FIELD CENTER: $08^h51^m50.0^s$ $-05°15'29''$ (B1950)
$08^h54^m19.2^s$ $-05°26'56''$ (J2000)
ℓ: 233.22 b: 24.16

DATE: 1980/126 - 1980/126
LIVETIME: 6716.0s
ROLL ANGLE: 73.8°

NH: 2.6E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2064	1	08 49 49.2	-05 22 15	51	0.0177	0.0033	40.2	14.8	5.4	2.6	0	30.9	H	
2075	2	08 51 50.4	-05 14 35	31	0.0406	0.0030	203.1	25.9	13.4	1.2	0	0.9	H	S



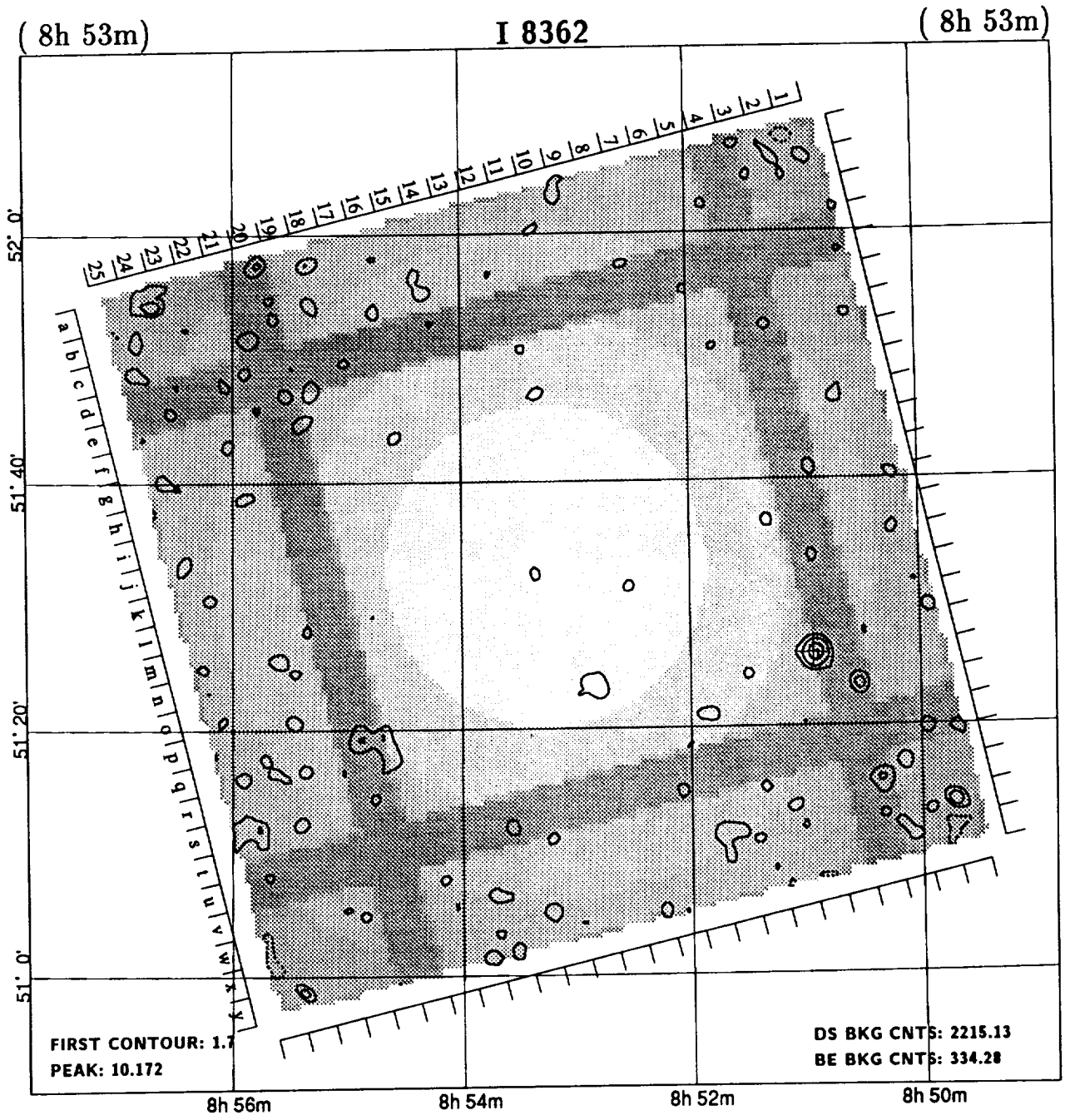
Zeta HYA

FIELD CENTER: $08^h52^m46.0^s$ 06°07′59″ (B1950)
$08^h55^m24.8^s$ 05°56′29″ (J2000)
ℓ: 222.35 b: 30.20

DATE: 1979/312 - 1979/313
LIVETIME: 2209.6s
ROLL ANGLE: -106.4°

NH: 4.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2080	1	08 54 12.4	05 43 28	53	*0.0261	0.0068	18.3	4.7	3.8	1.0	601	32.9	H	



N 2693, ELLIPTICAL GALAXIES W/LARGE VELOCITY DISPERSIONS

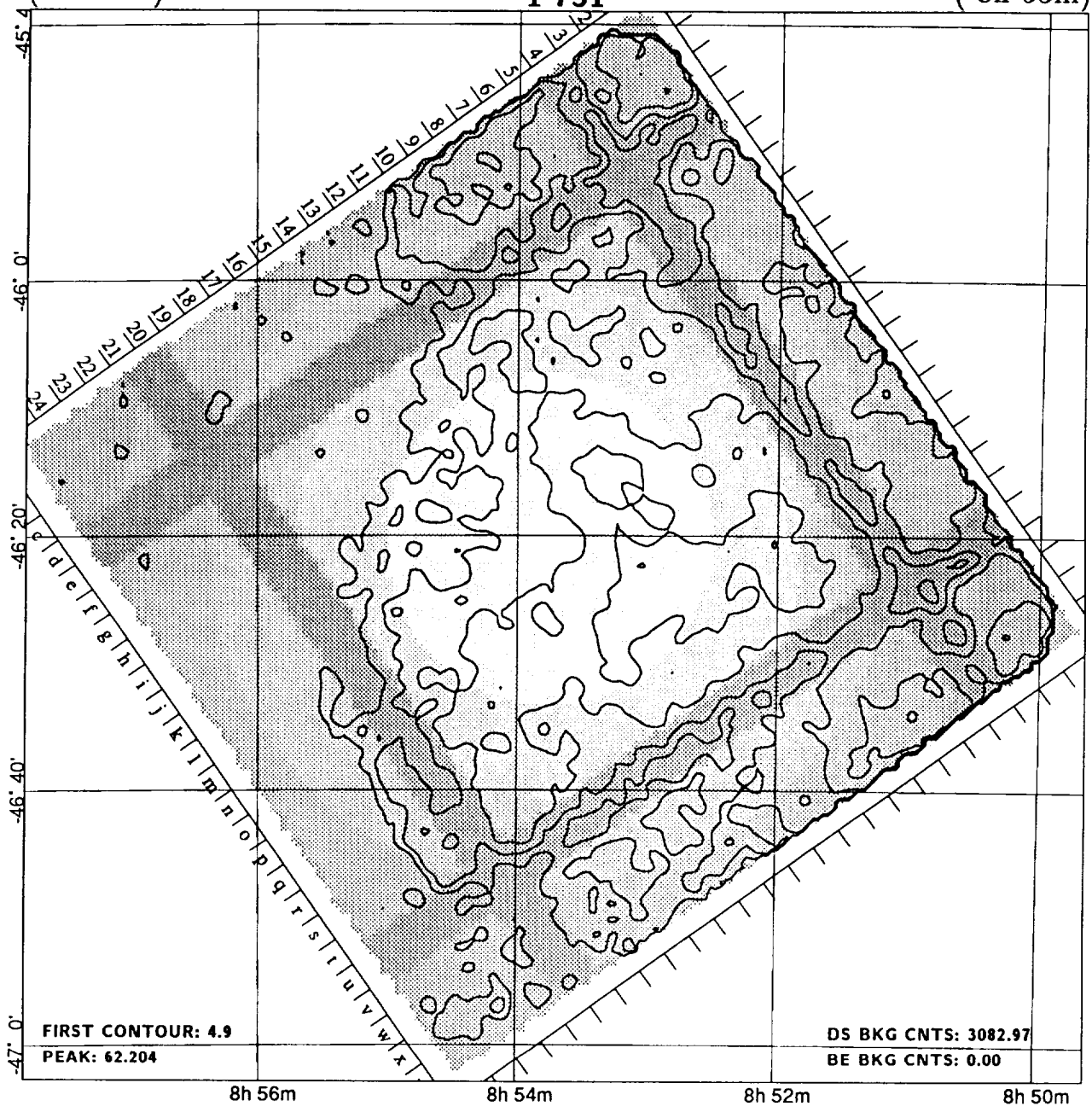
FIELD CENTER: $08^h53^m18.0^s$ $51°32'59''$ (B1950)
$08^h56^m52.3^s$ $51°21'26''$ (J2000)
ℓ: 167.20 b: 40.19

DATE: 1980/121 - 1980/121
LIVETIME: 1859.4s
ROLL ANGLE: 76.4°

NH: 2.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2072	1	08 50 55.9	51 25 55	51	*0.0238	0.0057	20.6	3.4	4.2	0.8	906	23.3	H	

(8h 53m) I 731 (8h 53m)

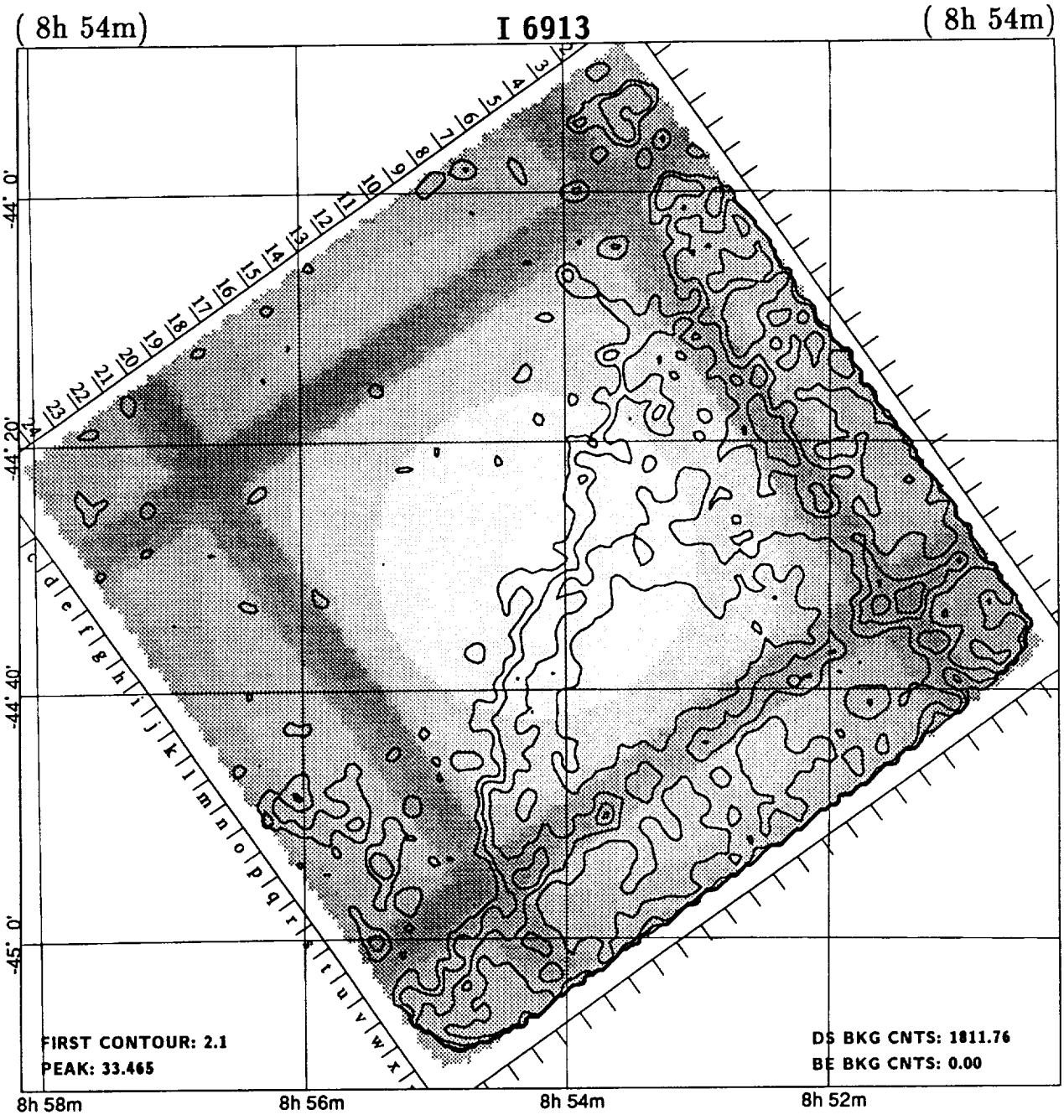


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h53^m43.0^s$ -46°20′59″ (B1950)
$08^h55^m25.8^s$ -46°32′31″ (J2000)
ℓ: 266.80 b: -0.90

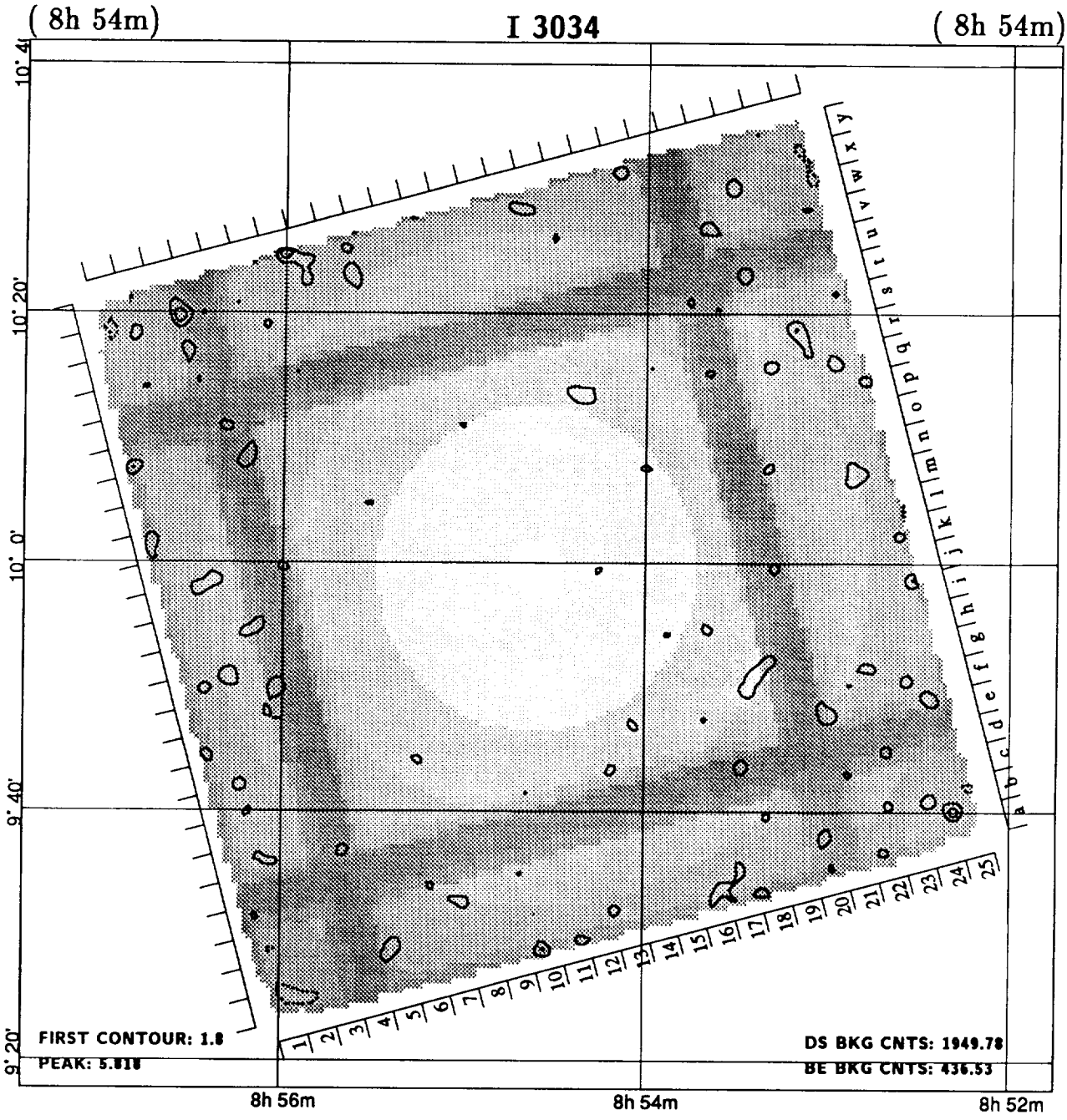
DATE: 1980/155 - 1980/155
LIVETIME: 2498.3s
ROLL ANGLE: 54.7°

NH: 3.1E+21
REF/ID: SNR
FIELD FLAGS: DLST



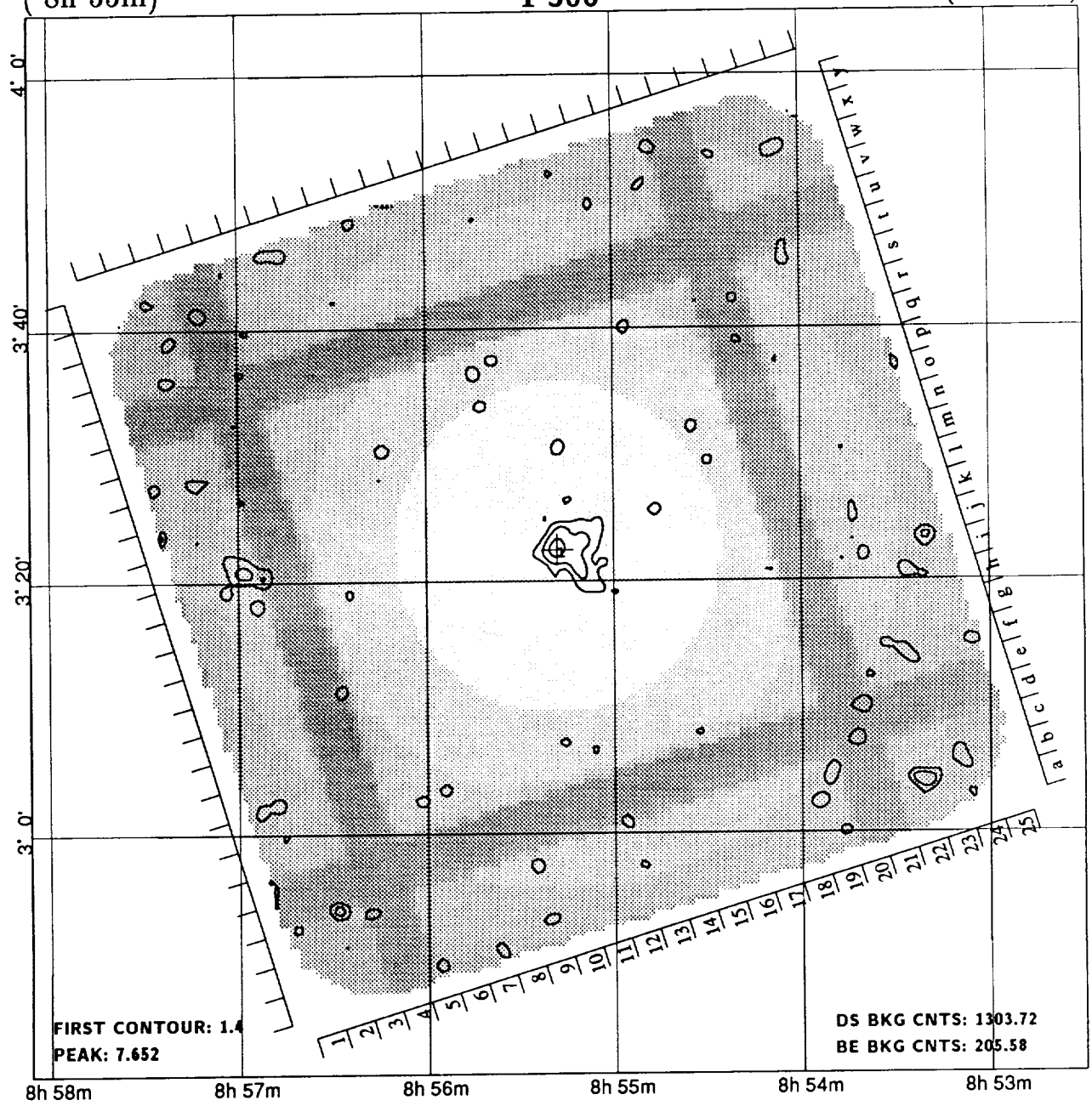
4U 0854-44,GALACTIC SOURCE LOCATIONS & SPECTRA I

FIELD CENTER:	$08^h54^m12.0^s$ -44°29′59″ (B1950)	DATE: 1980/155 - 1980/155	NH: 5.5E+21
	$08^h55^m58.1^s$ -44°41′33″ (J2000)	LIVETIME: 1468.1s	REF/ID: SNR
	ℓ: 265.45 b: 0.37	ROLL ANGLE: 54.9°	FIELD FLAGS: LST



4C09.32: HIGH REDSHIFT CLUSTERS OF GALAXIES

FIELD CENTER:	$08^h54^m35.0^s$ $09°59'41''$ (B1950)	DATE: 1979/300 - 1979/300	NH: 4.2E+20
	$08^h57^m17.1^s$ $09°48'06''$ (J2000)	LIVETIME: 1580.0s	REF/ID:
	ℓ: 218.57 b: 32.37	ROLL ANGLE: -104.9°	FIELD FLAGS:



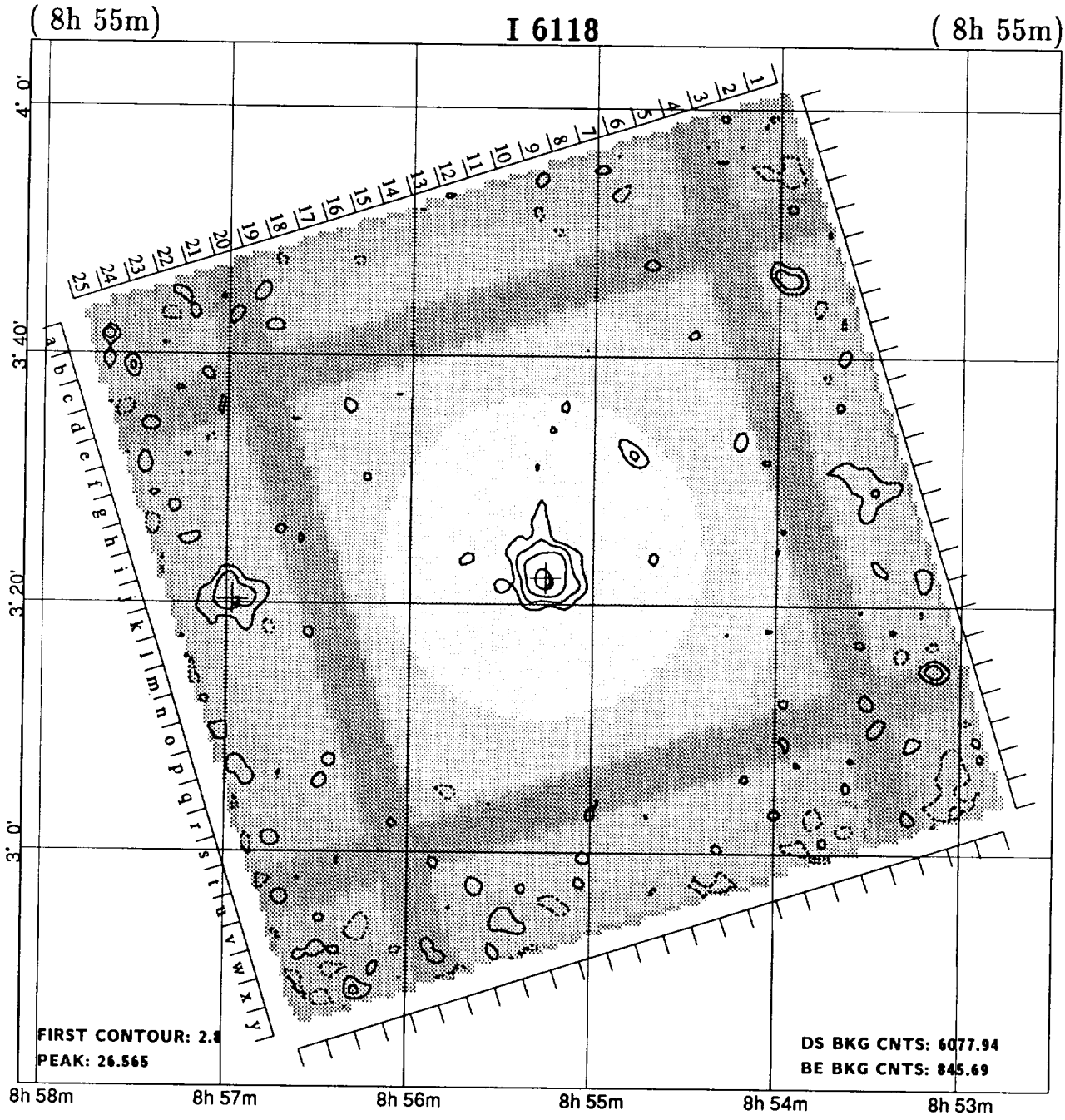
A 732 CLUSTERS WITH WELL STUDIED OPTICAL PROPERTIES

FIELD CENTER: $08^h55^m18.0^s$ $03°22'59''$ (B1950)
$08^h57^m54.5^s$ $03°11'21''$ (J2000)
ℓ: 225.47 b: 29.42

DATE: 1979/300 - 1979/300
LIVETIME: 1056.4s
ROLL ANGLE: -107.1°

NH: 3.9E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2081	1	08 55 18.1	03 22 25	36	0.0332	0.0069	26.2	3.8	4.8	1.8	0	0.4	AH	CLG



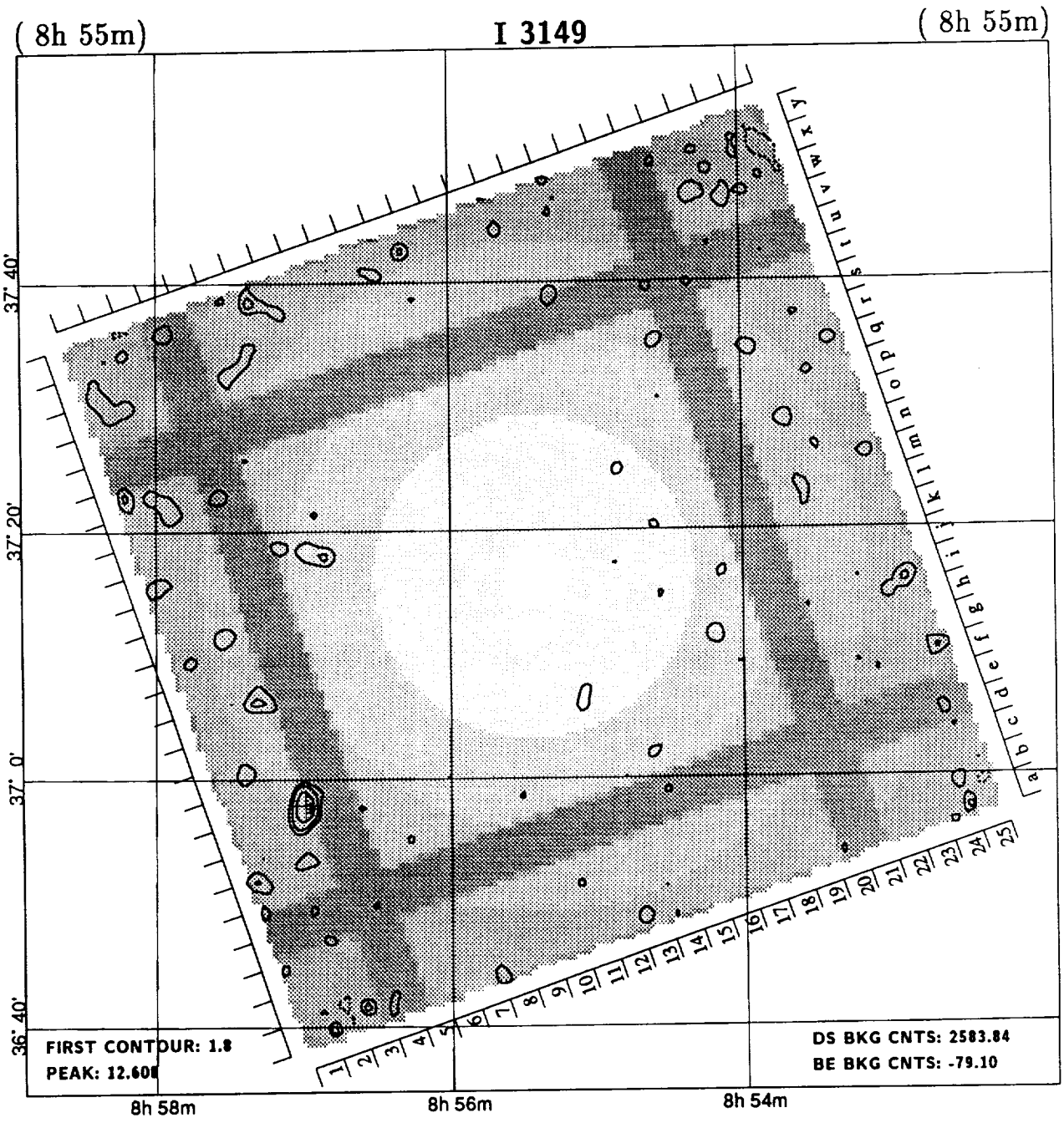
A 732,DETAILED STUDY OF NEARBY CLUSTERS

FIELD CENTER: $08^h55^m18.0^s$ $03°22'59''$ **(B1950)**
$08^h57^m54.5^s$ $03°11'21''$ **(J2000)**
ℓ: **225.47** b: **29.42**

DATE: 1980/131 - 1980/131
LIVETIME: 4925.2s
ROLL ANGLE: 72.5°

NH: 3.9E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2081	1	08 55 15.6	03 22 08	31	0.0398	0.0035	145.1	16.9	11.4	2.0	0	1.3	AH	CLG
2083	2	08 56 58.1	03 20 17	55	0.0125	0.0029	25.9	11.1	4.3	2.4	0	23.7	H	



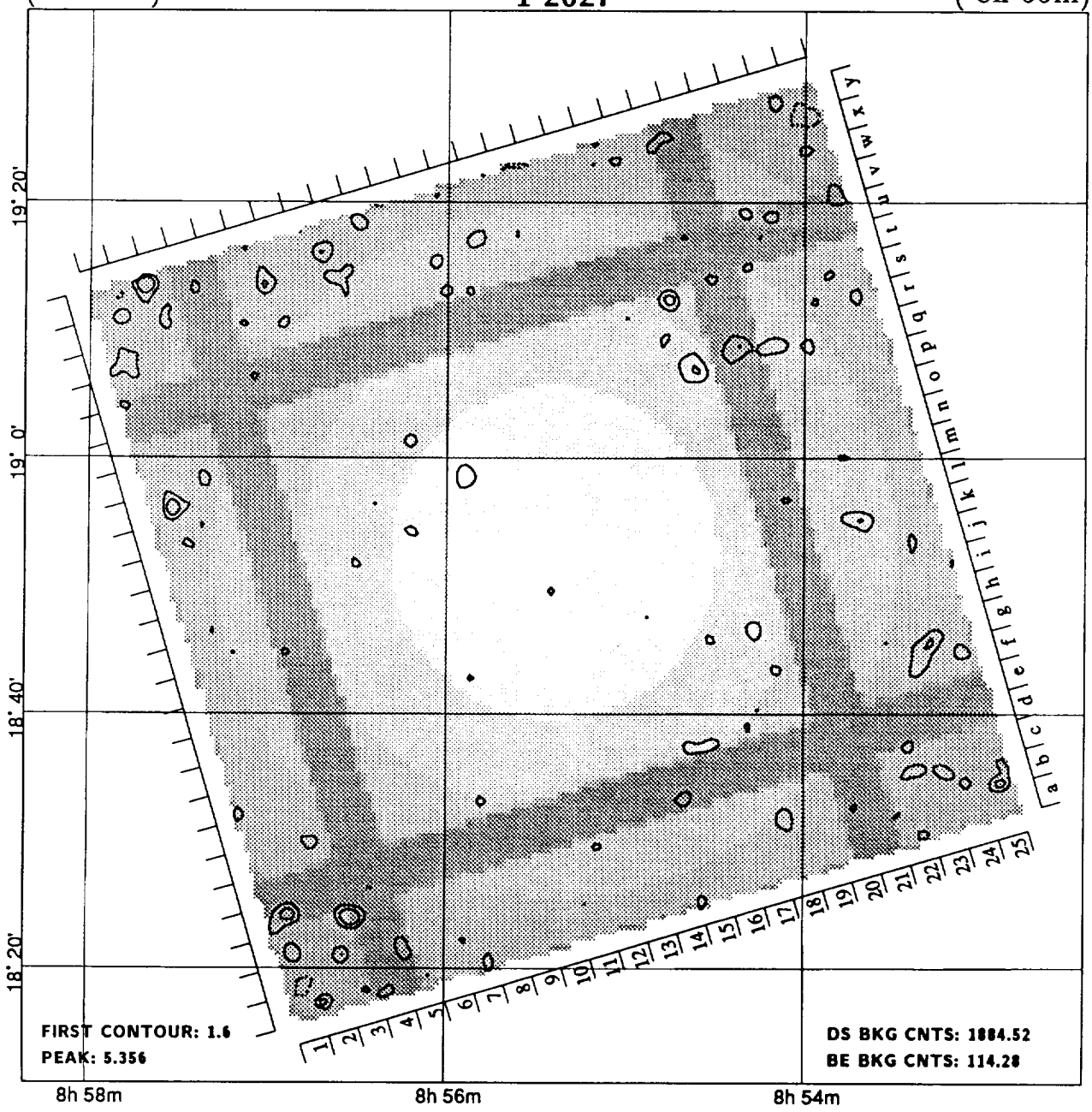
RING GALAXIES SURVEY: II HZ 4

FIELD CENTER: $08^h55^m23.5^s$ $37°16'46''$ **(B1950)**
$08^h58^m33.5^s$ $37°05'07''$ **(J2000)**
ℓ: **185.96** b: **40.46**

DATE: 1979/297 - 1979/297
LIVETIME: 2093.8s
ROLL ANGLE: -108.8°

NH: 3.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2084	1	08 56 59.5	36 57 52	51	*0.0284	0.0062	24.4	3.6	4.6	1.0	704	27.2	H	



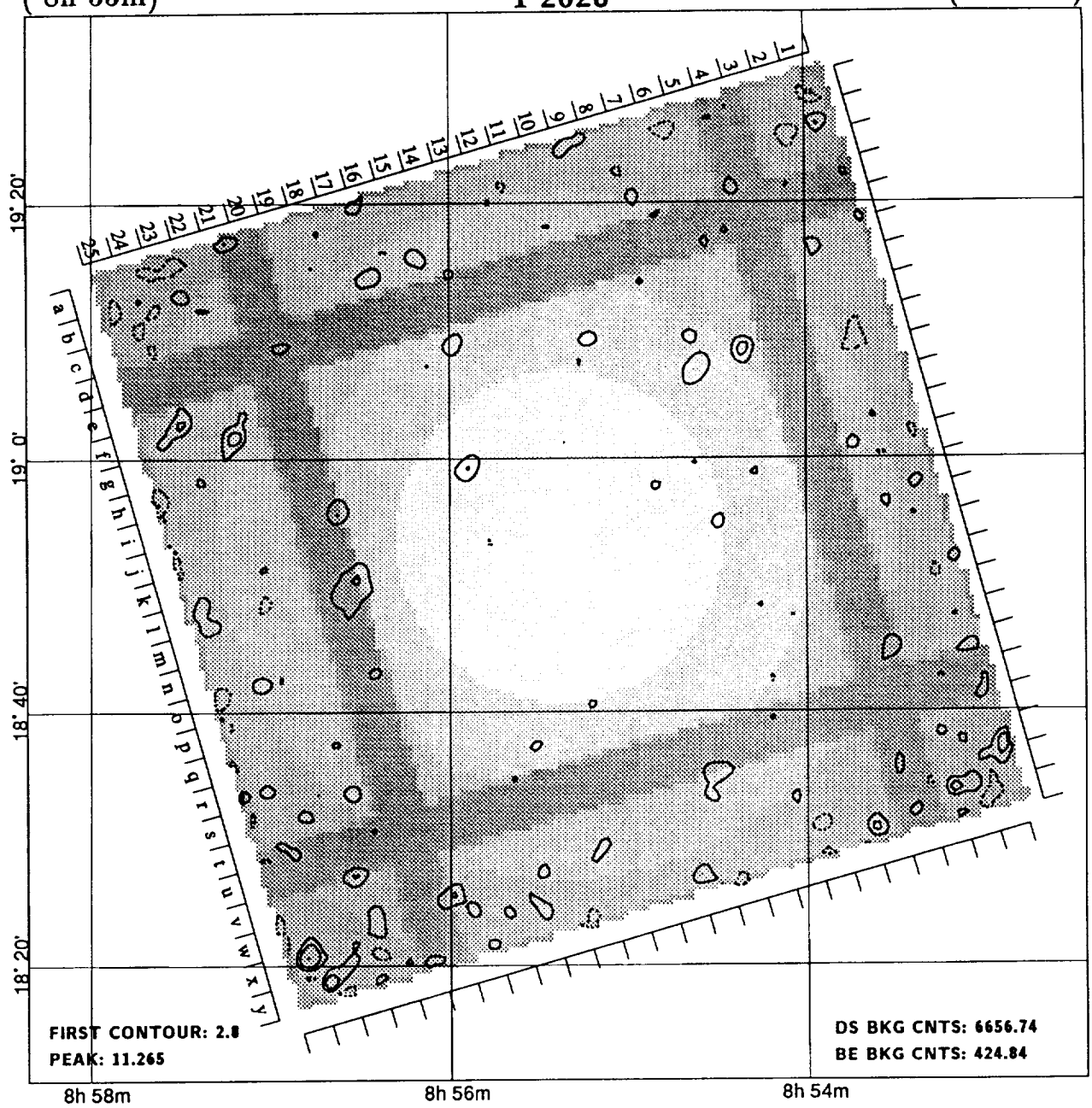
5 QSO'S: STUDY, QUASARS

FIELD CENTER: $08^h55^m24.0^s$ $18°52'59''$ (B1950)
$08^h58^m14.0^s$ $18°41'21''$ (J2000)
ℓ: 208.80 b: 36.09

DATE: 1979/295 - 1979/295
LIVETIME: 1527.1s
ROLL ANGLE: -106.4°

NH: 3.2E+20
REF/ID:
FIELD FLAGS: C

(8h 55m) **I 2028** (8h 55m)

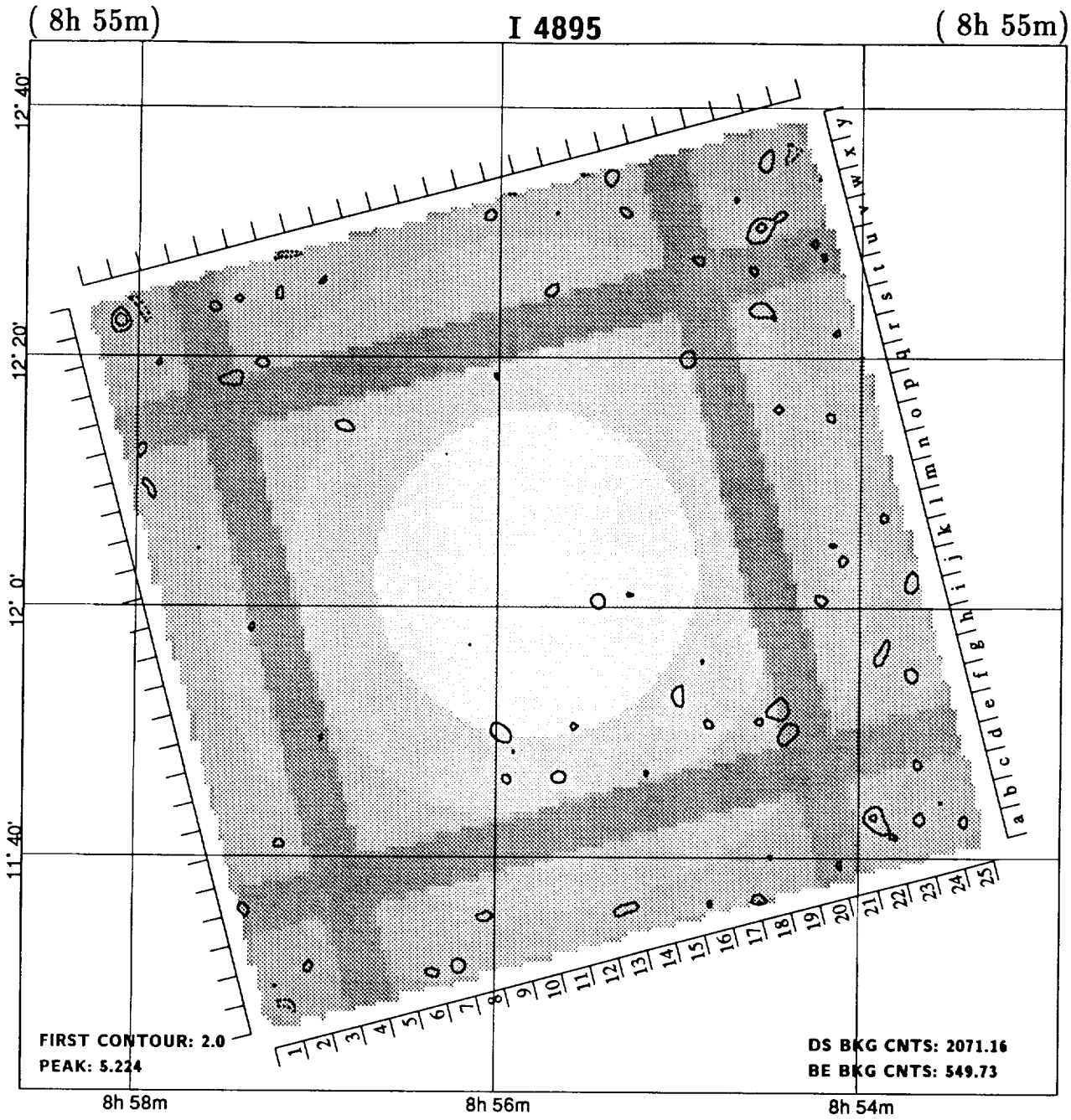


5 QSO'S: STUDY, QUASARS

FIELD CENTER: $08^h55^m24.0^s$ $18°52'59''$ (B1950)
$08^h58^m14.0^s$ $18°41'21''$ (J2000)
ℓ: 208.80 b: 36.09

DATE: 1980/135 - 1980/135
LIVETIME: 5394.1s
ROLL ANGLE: 74.2°

NH: 3.2E+20
REF/ID:
FIELD FLAGS: C

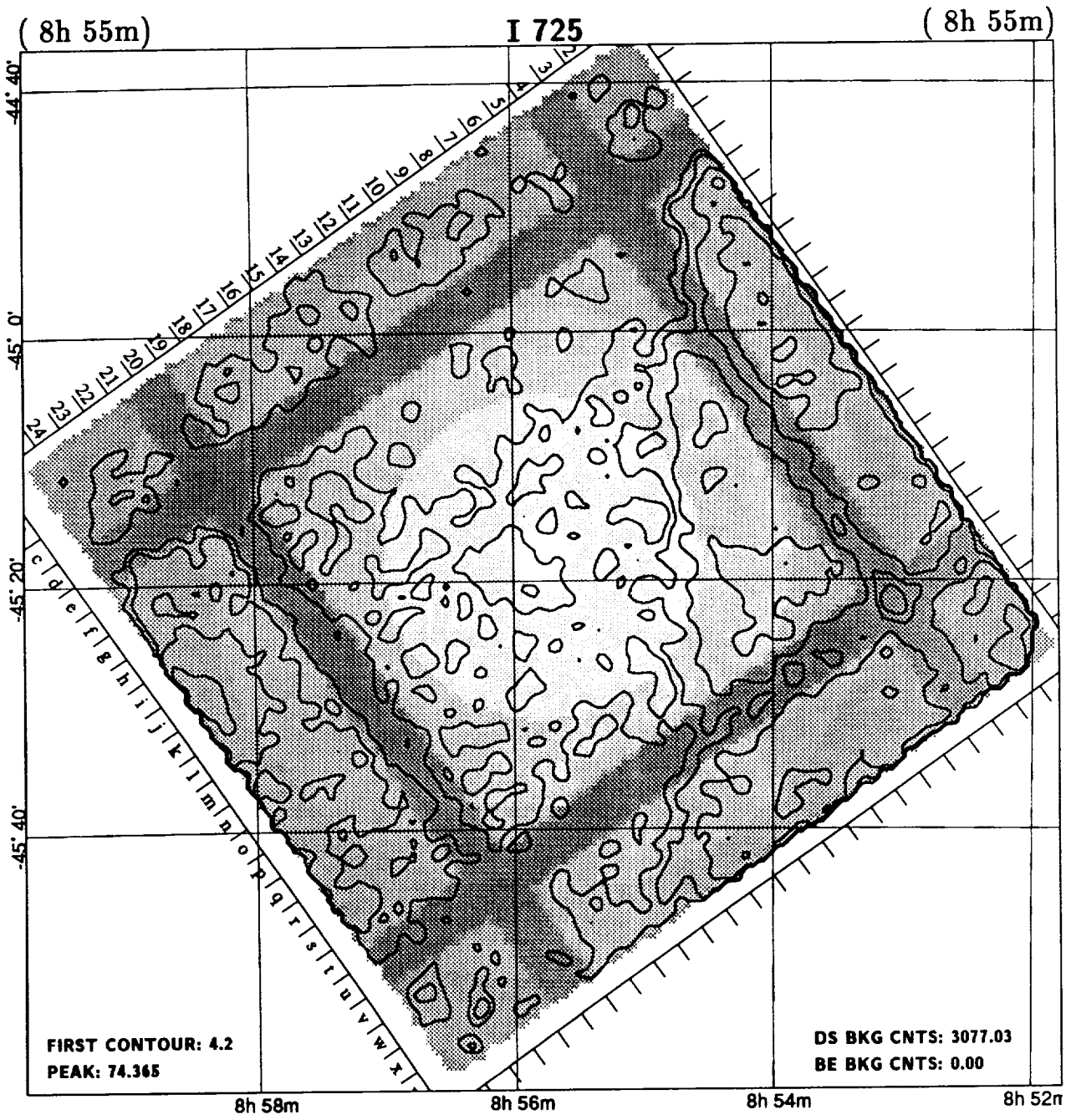


STAR ALPHA CNC (HD 76756),AP STARS

FIELD CENTER: $08^h55^m45.3^s$ $12°03'10''$ (B1950)
$08^h58^m29.1^s$ $11°51'31''$ (J2000)
ℓ: 216.51 b: 33.52

DATE: 1979/294 - 1979/294
LIVETIME: 1678.3s
ROLL ANGLE: -104.8°

NH: 3.6E+20
REF/ID:
FIELD FLAGS:

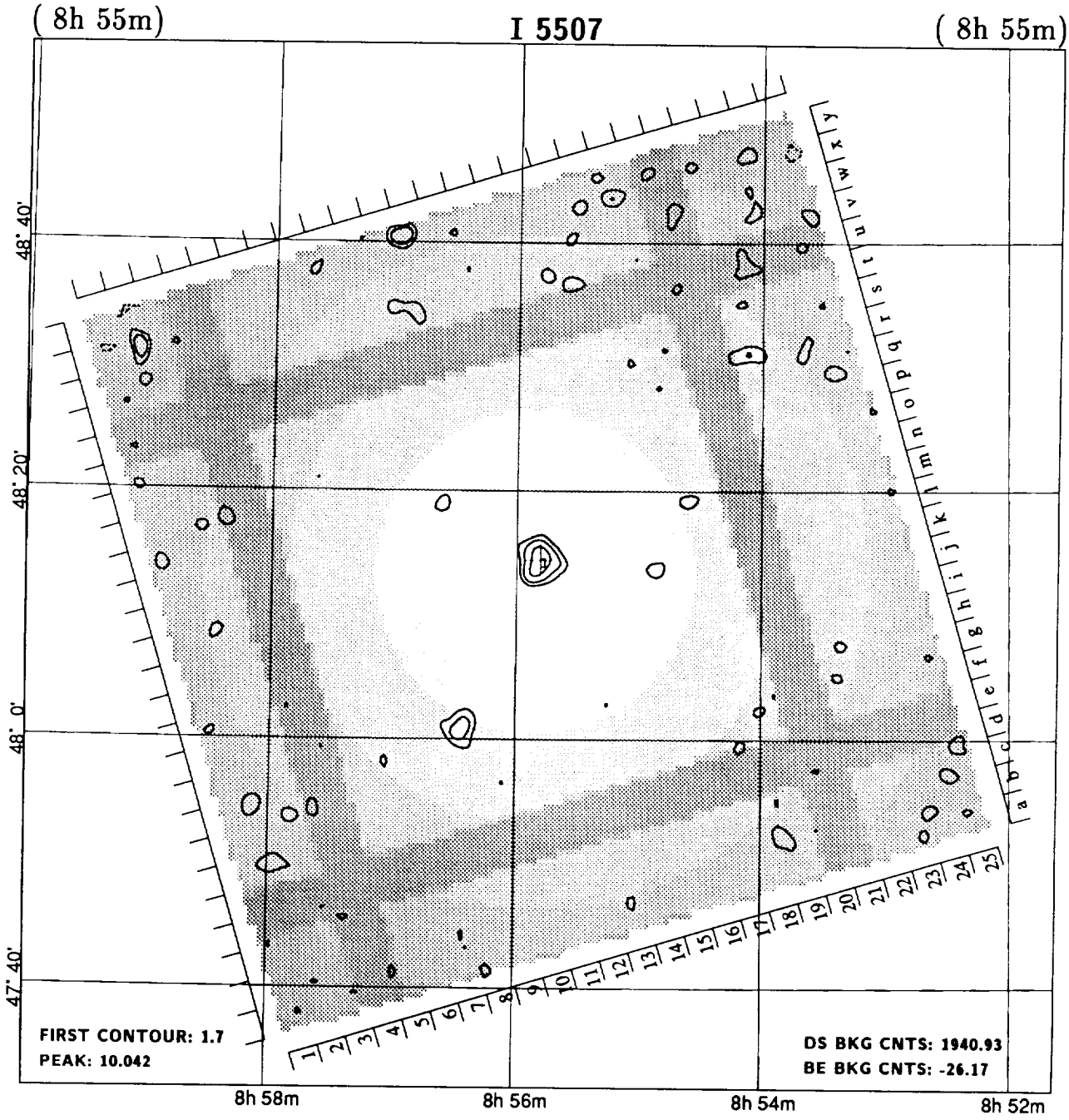


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h55^m47.0^s$ $-45°18'59''$ (B1950)
$08^h57^m32.1^s$ $-45°30'38''$ (J2000)
ℓ: 266.25 b: 0.05

DATE: 1980/155 - 1980/155
LIVETIME: 2493.4s
ROLL ANGLE: 55.1°

NH: 4.3E+21
REF/ID: SNR
FIELD FLAGS: DLST



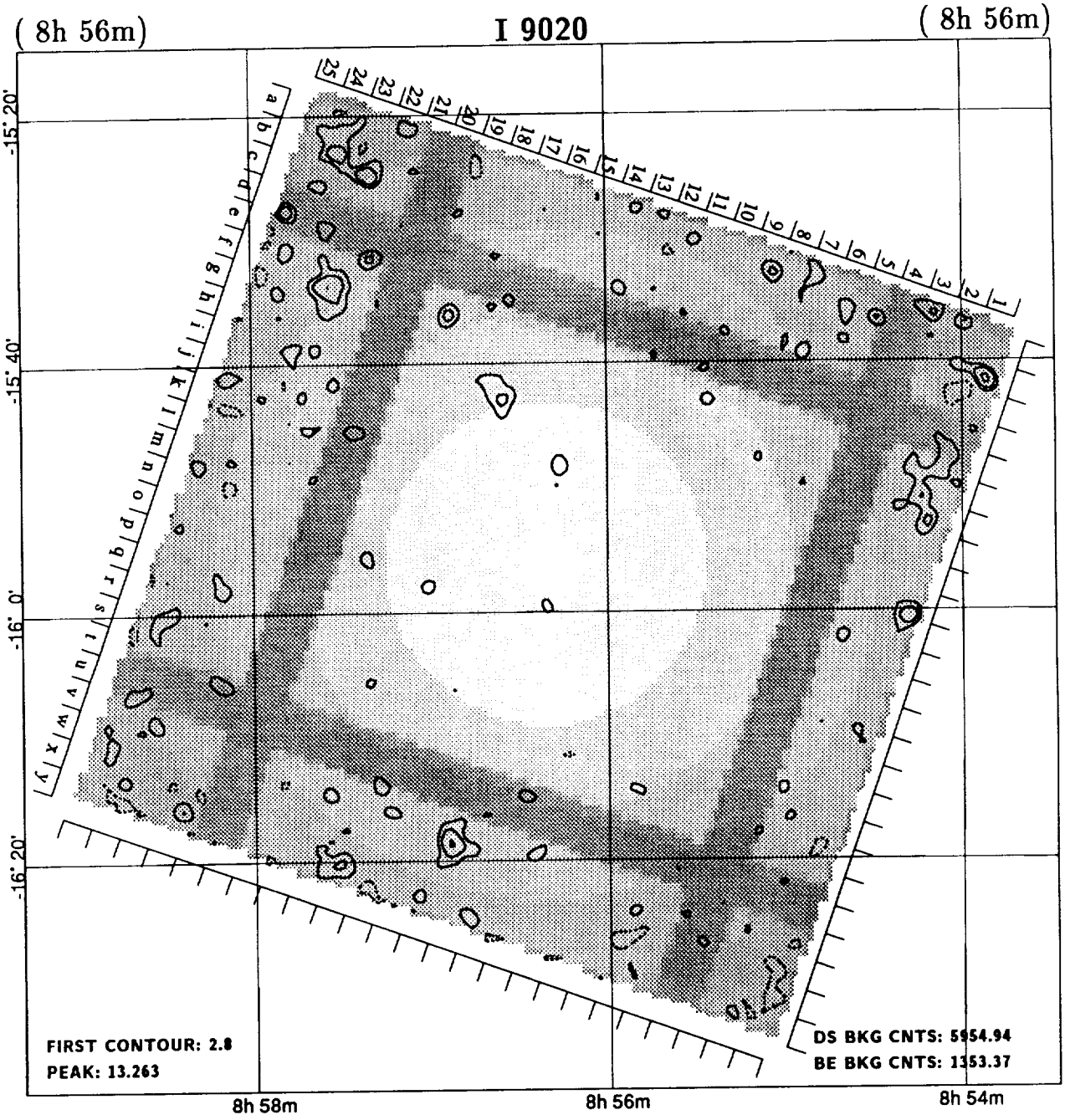
Iota UMA

FIELD CENTER: $08^h55^m48.0^s$ $48°13'59''$ (B1950)
$08^h59^m15.0^s$ $48°02'19''$ (J2000)
ℓ: 171.52 b: 40.84

DATE: 1979/303 - 1979/303
LIVETIME: 1572.8s
ROLL ANGLE: -106.5°

NH: 2.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2082	1	08 55 48.3	48 14 31	35	0.0379	0.0060	44.3	4.7	6.3	1.2	0	0.4	H	S

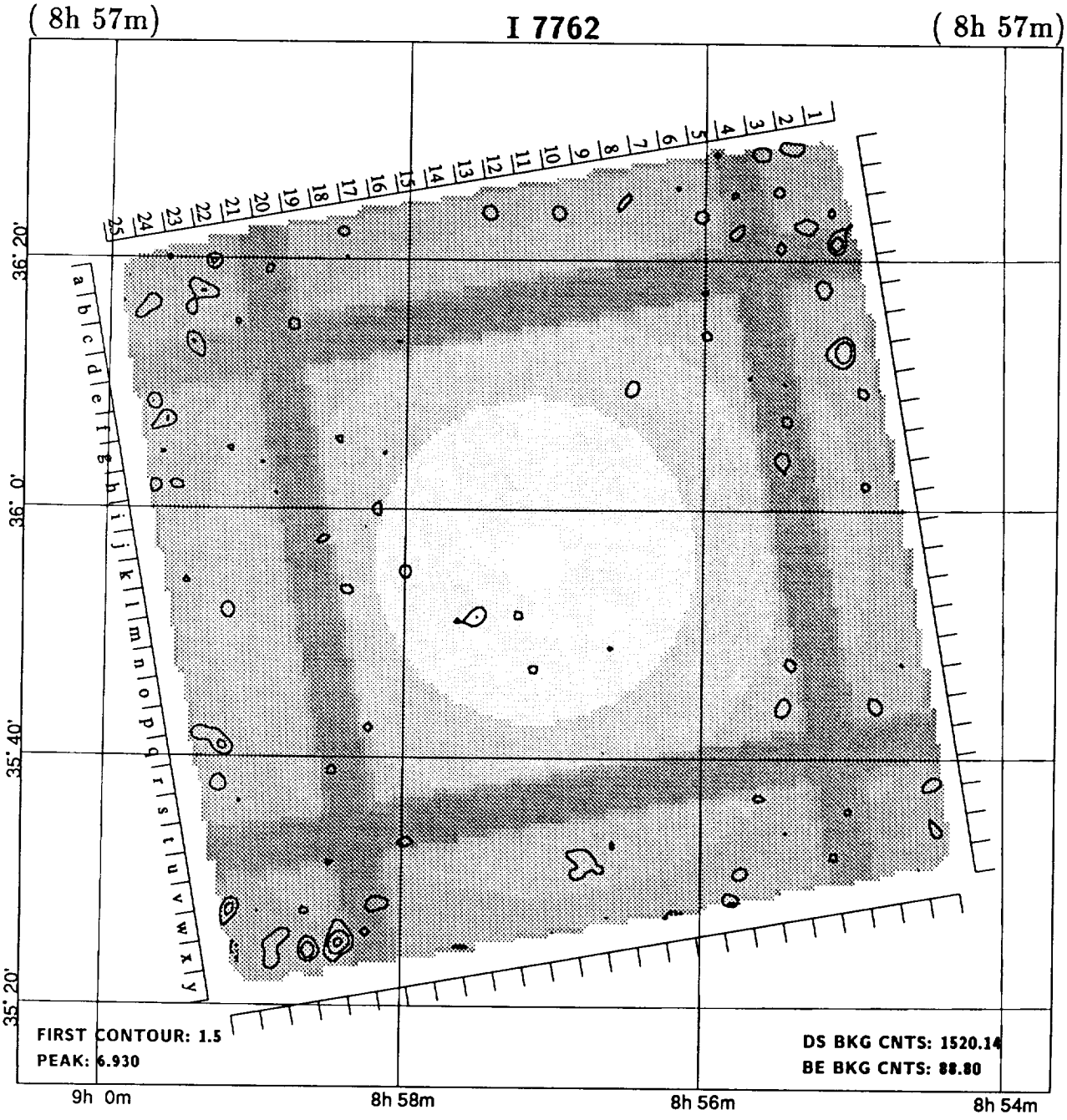


CORONAE OF METAL DEFICIENT STARS: HR 3578

FIELD CENTER: $08^h56^m23.1^s$ -15°56'26" (B1950)
$08^h58^m43.1^s$ -16°08'07" (J2000)
ℓ: 243.30 b: 18.91

DATE: 1981/109 - 1981/109
LIVETIME: 4825.4s
ROLL ANGLE: 109.4°

NH: 6.6E+20
REF/ID:
FIELD FLAGS: L



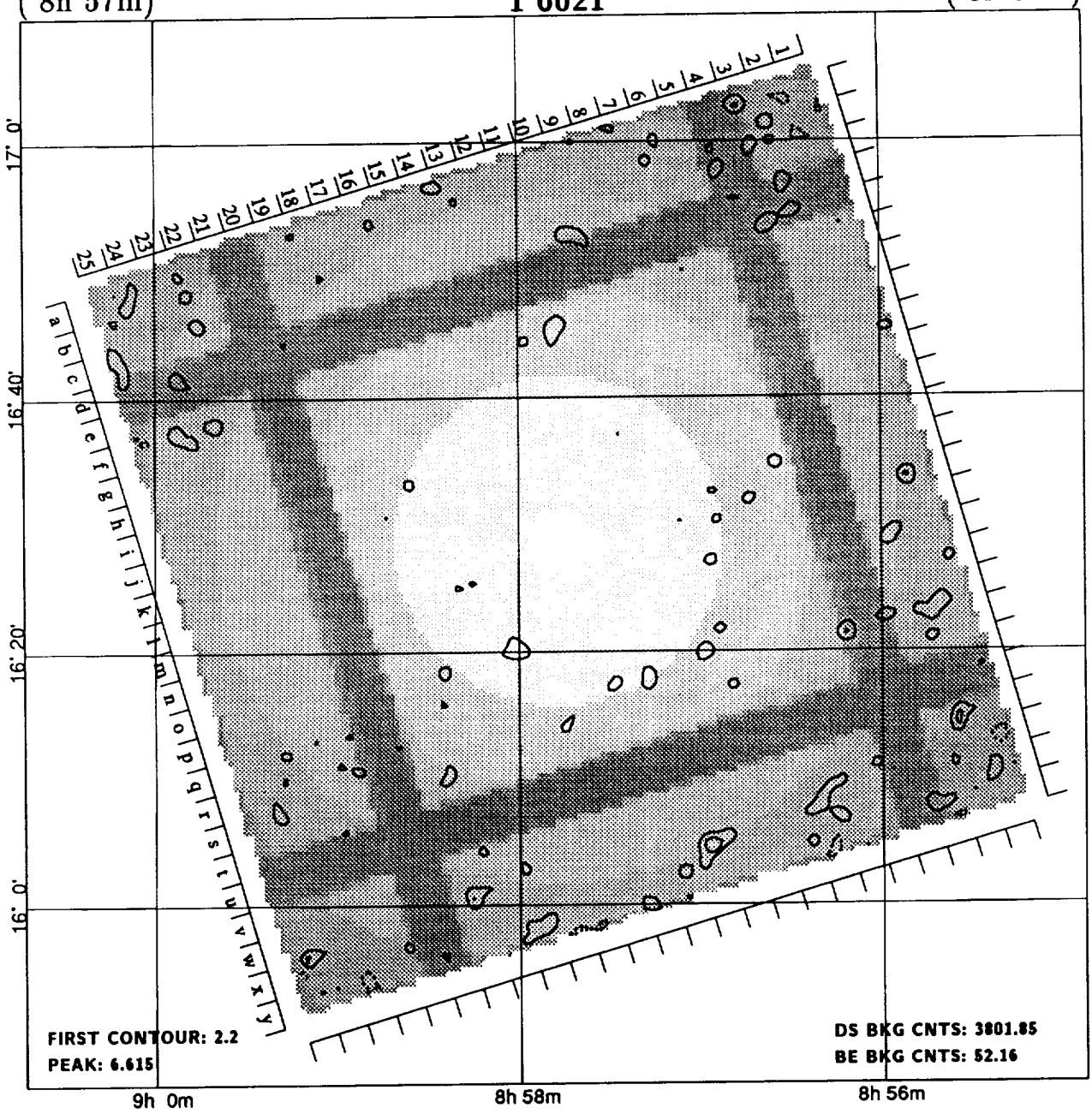
NGC 2719 A&B,PAIRS OF GALAXIES W/STRONG ELS

FIELD CENTER: $08^h57^m06.0^s$ $35°55'29''$ (B1950)
$09^h00^m14.0^s$ $35°43'45''$ (J2000)
ℓ: 187.79 b: 40.64

DATE: 1980/130 - 1980/130
LIVETIME: 1276.0s
ROLL ANGLE: 80.2°

NH: 3.1E+20
REF/ID:
FIELD FLAGS:

(8h 57m) **I 6021** (8h 57m)

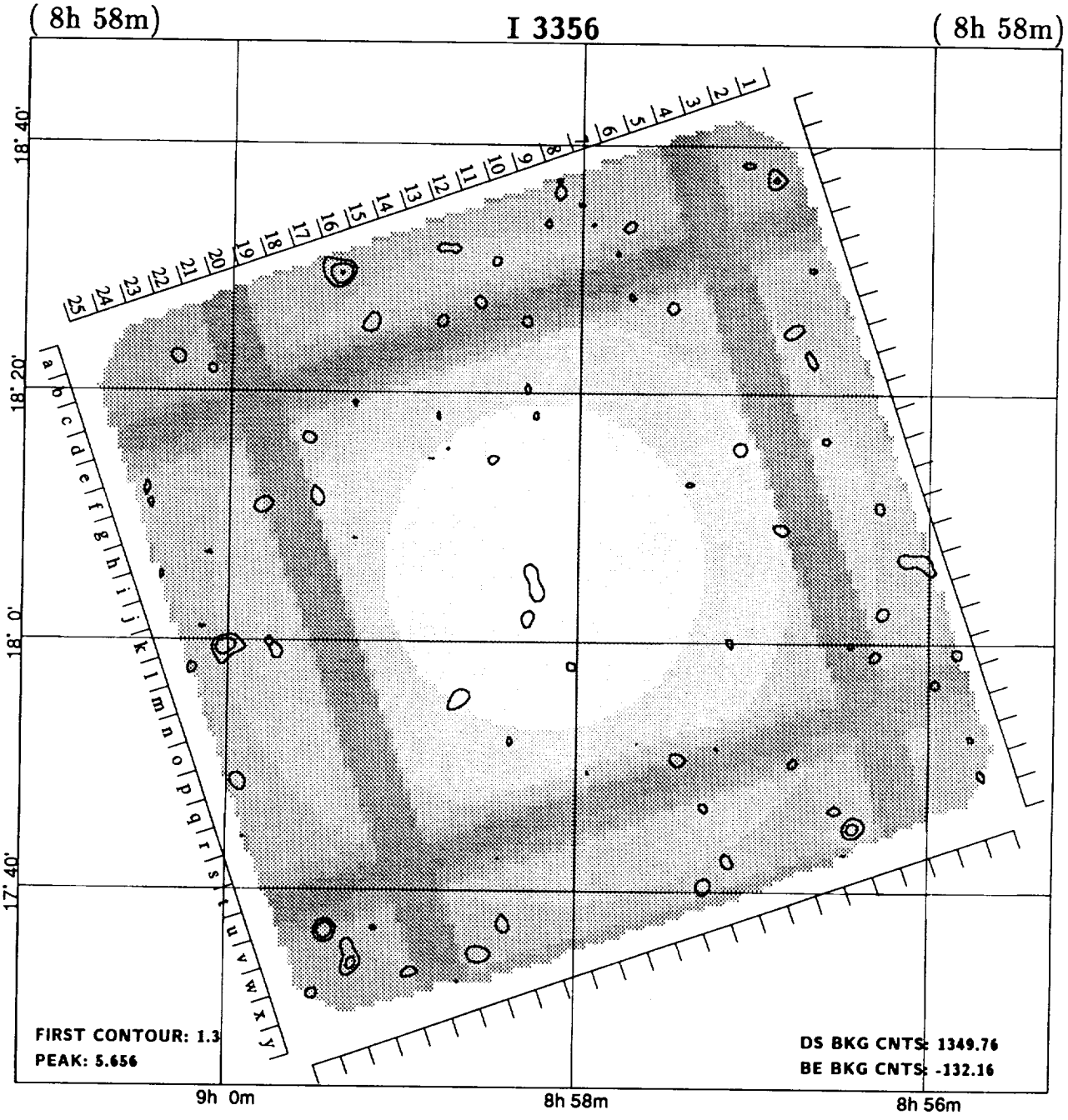


A734,RICH CLUSTERS WITH DOMINANT GALAXIES

FIELD CENTER: $08^h57^m48.0^s$ $16°27'59''$ (B1950)
$09^h00^m35.6^s$ $16°16'13''$ (J2000)
ℓ: 211.84 b: 35.74

DATE: 1980/133 - 1980/135
LIVETIME: 3080.7s
ROLL ANGLE: 73.6°

NH: 3.5E+20
REF/ID:
FIELD FLAGS:

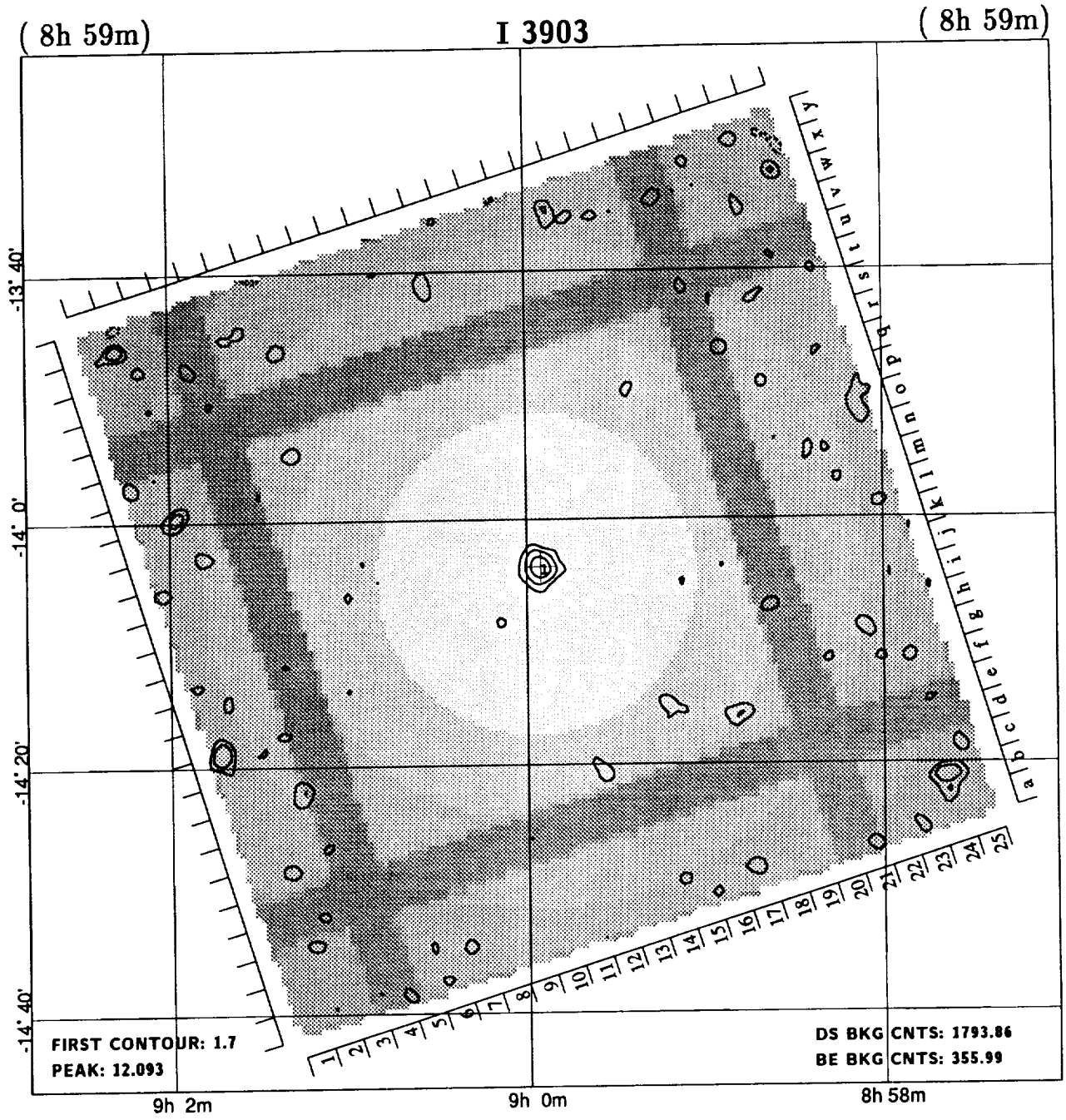


DWARF NOVAE: SY CNC

FIELD CENTER: $08^h58^m14.0^s$ $18°06'07''$ (B1950)
$09^h01^m03.1^s$ $17°54'20''$ (J2000)
ℓ: 210.00 b: 36.44

DATE: 1979/139 - 1979/139
LIVETIME: 1093.8s
ROLL ANGLE: 71.0°

NH: 3.3E+20
REF/ID:
FIELD FLAGS:



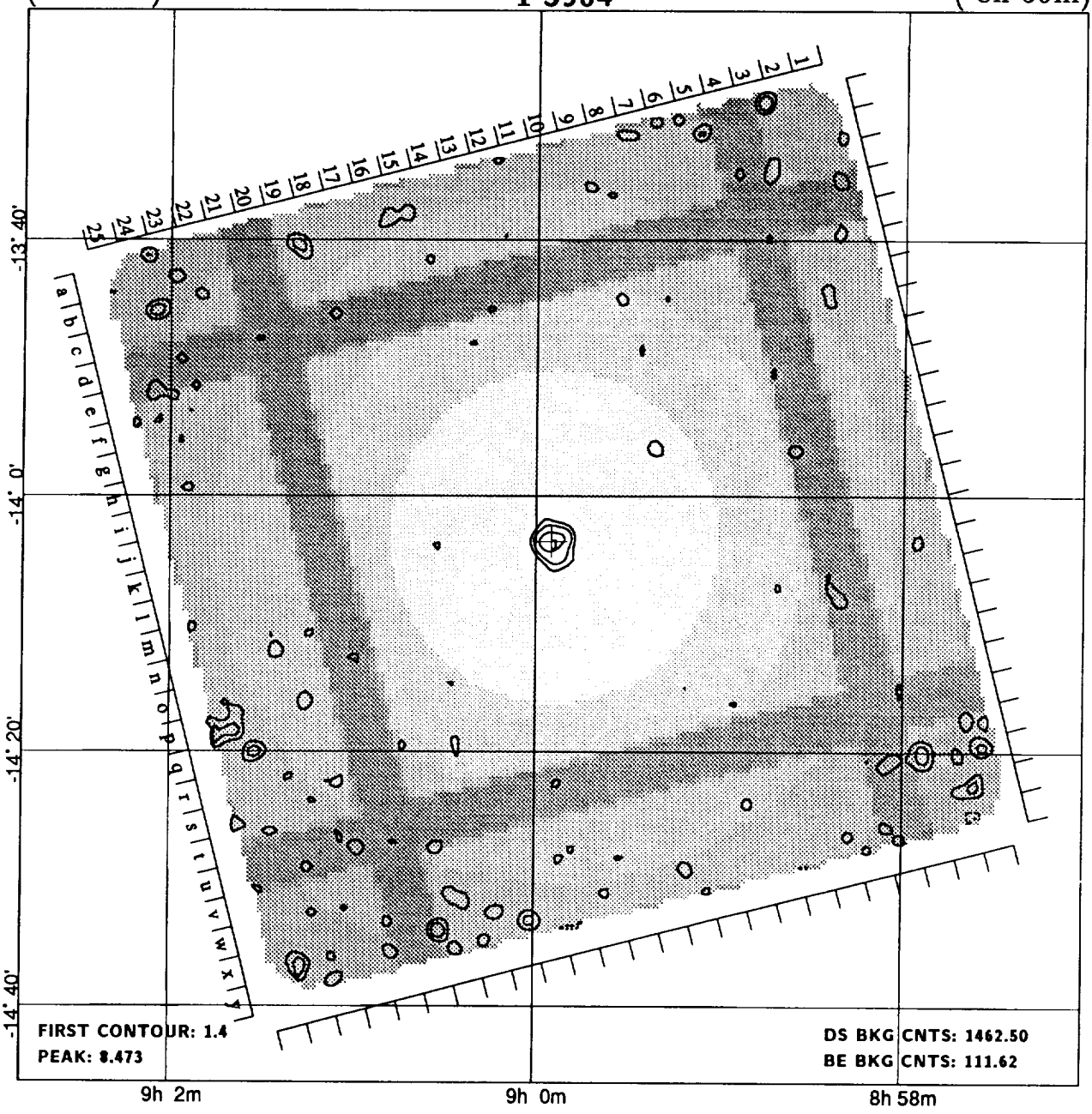
0859-14, LOW-FREQUENCY VARIABLE RADIO SOURCE

FIELD CENTER: $08^h59^m54.9^s$ $-14°03'59''$ (B1950)
$09^h02^m16.7^s$ $-14°15'51''$ (J2000)
ℓ: 242.26 b: 20.72

DATE: 1979/316 - 1979/316
LIVETIME: 1453.6s
ROLL ANGLE: -107.4°

NH: 5.7E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2085	1	08 59 55.3	-14 03 51	35	0.0355	0.0061	38.5	5.5	5.8	1.0	0	0.2	AH	



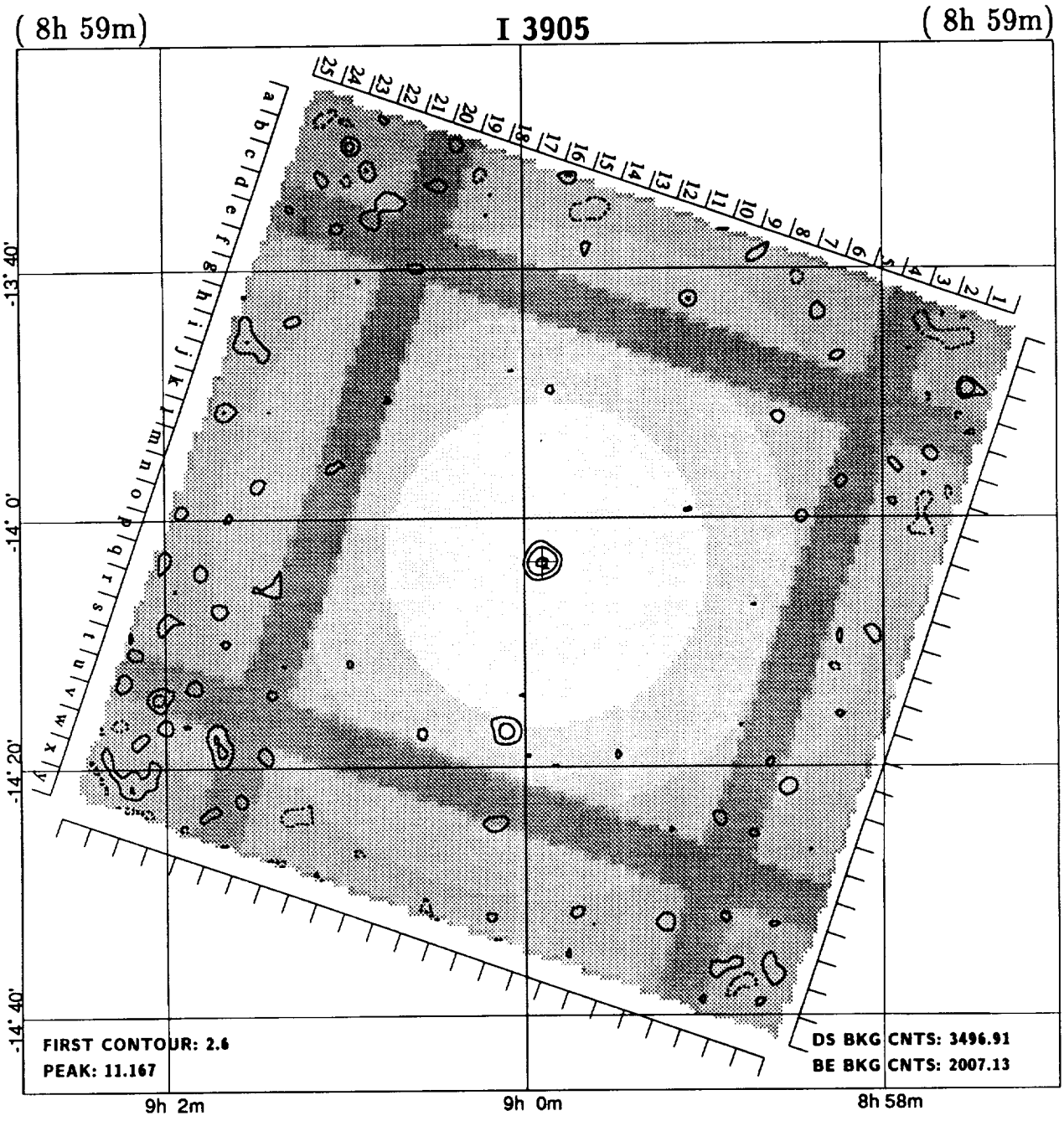
0859-14, LOW-FREQUENCY VARIABLE RADIO SOURCE

FIELD CENTER: $08^h59^m54.9^s$ $-14°03'59''$ (B1950)
$09^h02^m16.7^s$ $-14°15'51''$ (J2000)
ℓ: 242.26 b: 20.72

DATE: 1980/124 - 1980/124
LIVETIME: 1227.7s
ROLL ANGLE: 75.7°

NH: 5.7E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2085	1	08 59 55.0	-14 03 34	35	0.0449	0.0073	41.1	3.9	6.1	1.0	0	0.7	AH	



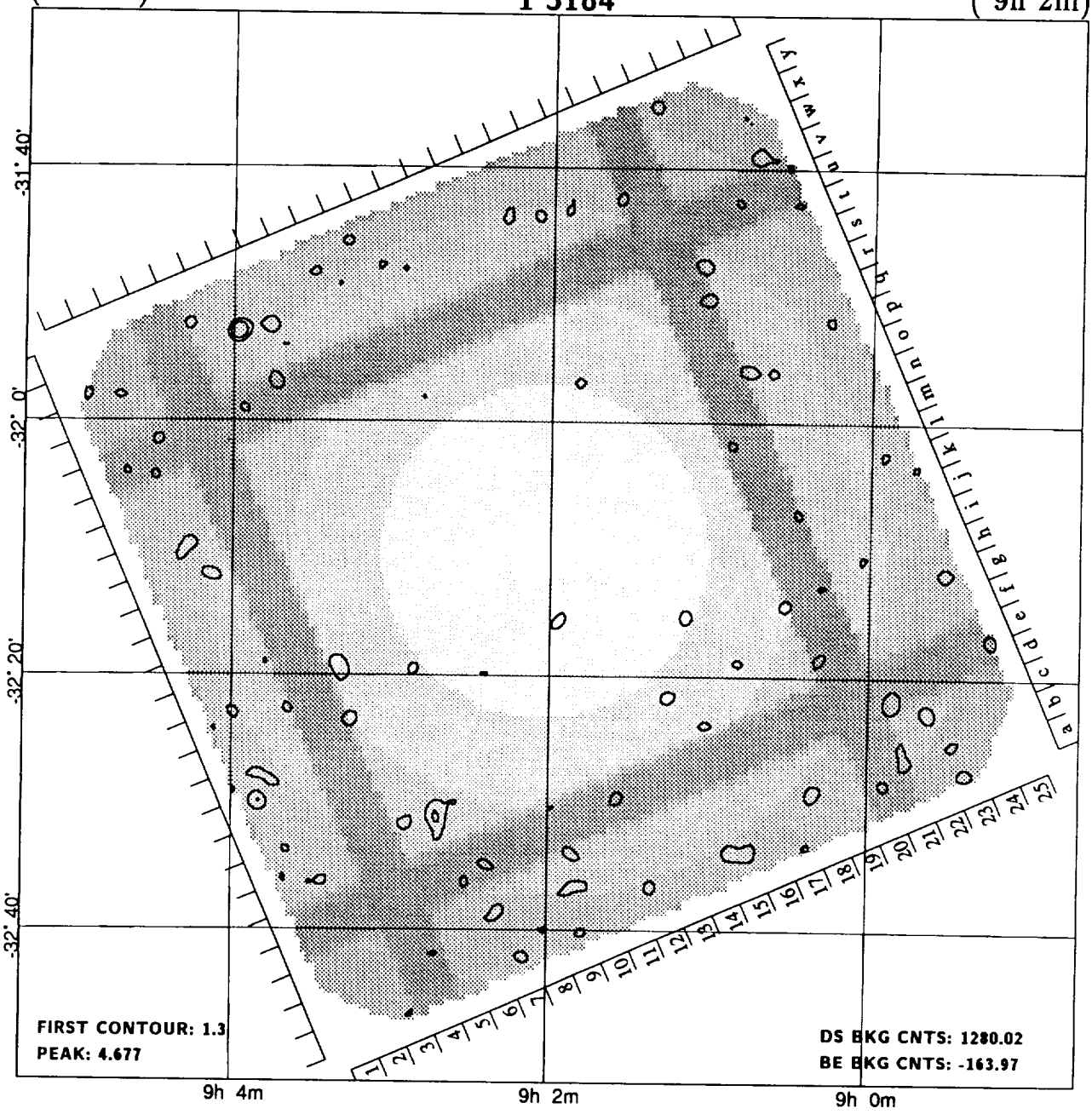
0859-14, LOW-FREQUENCY VARIABLE RADIO SOURCE

FIELD CENTER: $08^h59^m54.9^s$ -14°03'59" (B1950)
$09^h02^m16.7^s$ -14°15'51" (J2000)
ℓ: 242.26 b: 20.72

DATE: 1981/109 - 1981/109
LIVETIME: 2833.6s
ROLL ANGLE: 109.0°

NH: 5.7E+20
REF/ID:
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2085	1L	08 59 54.0	-14 03 31	35	0.0168	0.0043	35.5	21.5	3.8	0.8	0	0.4	A	

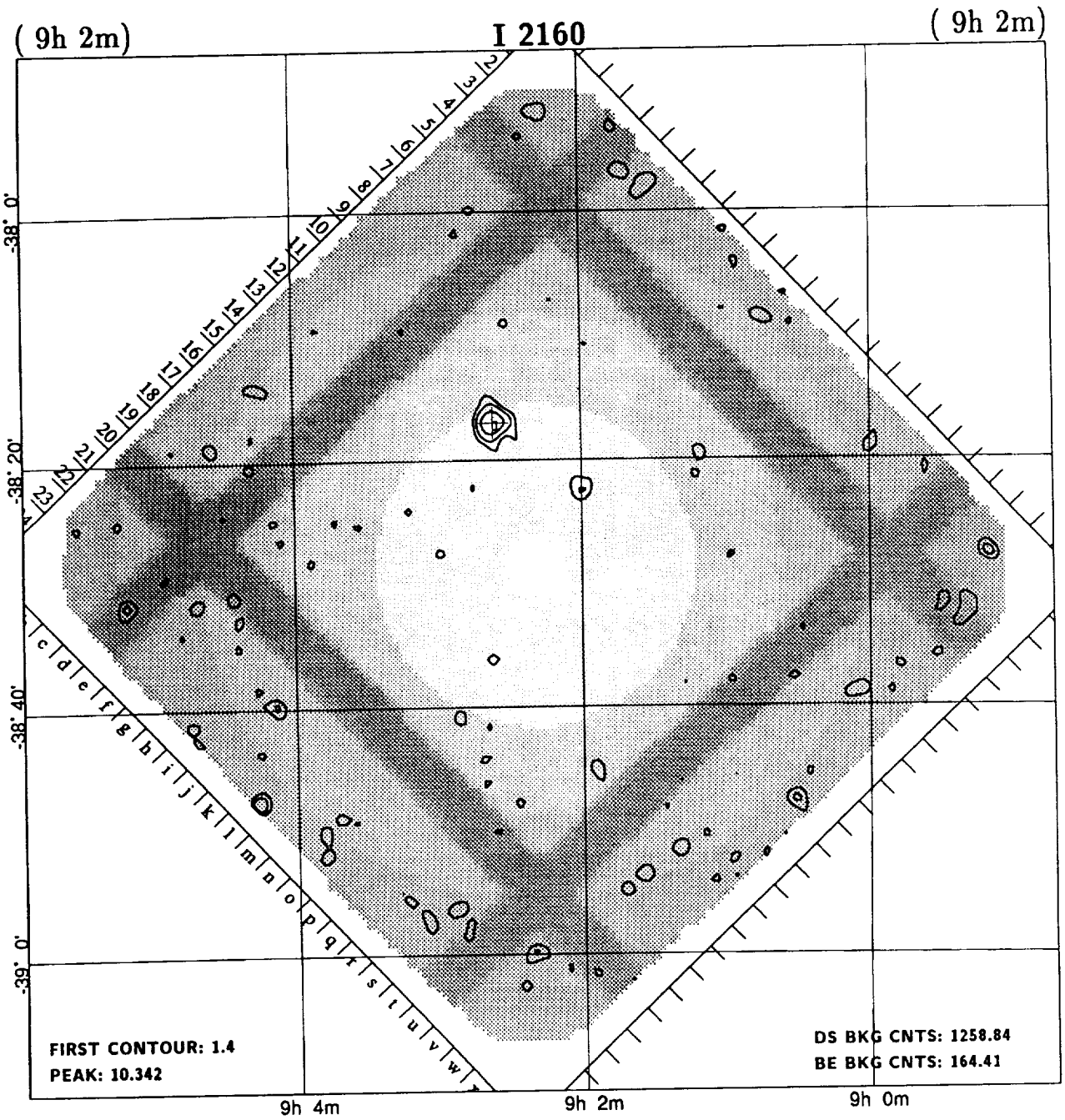


OLD NOVAE: T PYX

FIELD CENTER: $09^h02^m00.0^s$ -32°09'59" (B1950)
$09^h04^m04.3^s$ -32°21'57" (J2000)
ℓ: 257.11 b: 9.62

DATE: 1979/326 - 1979/326
LIVETIME: 1037.2s
ROLL ANGLE: -113.5°

NH: 1.8E+21
REF/ID:
FIELD FLAGS:



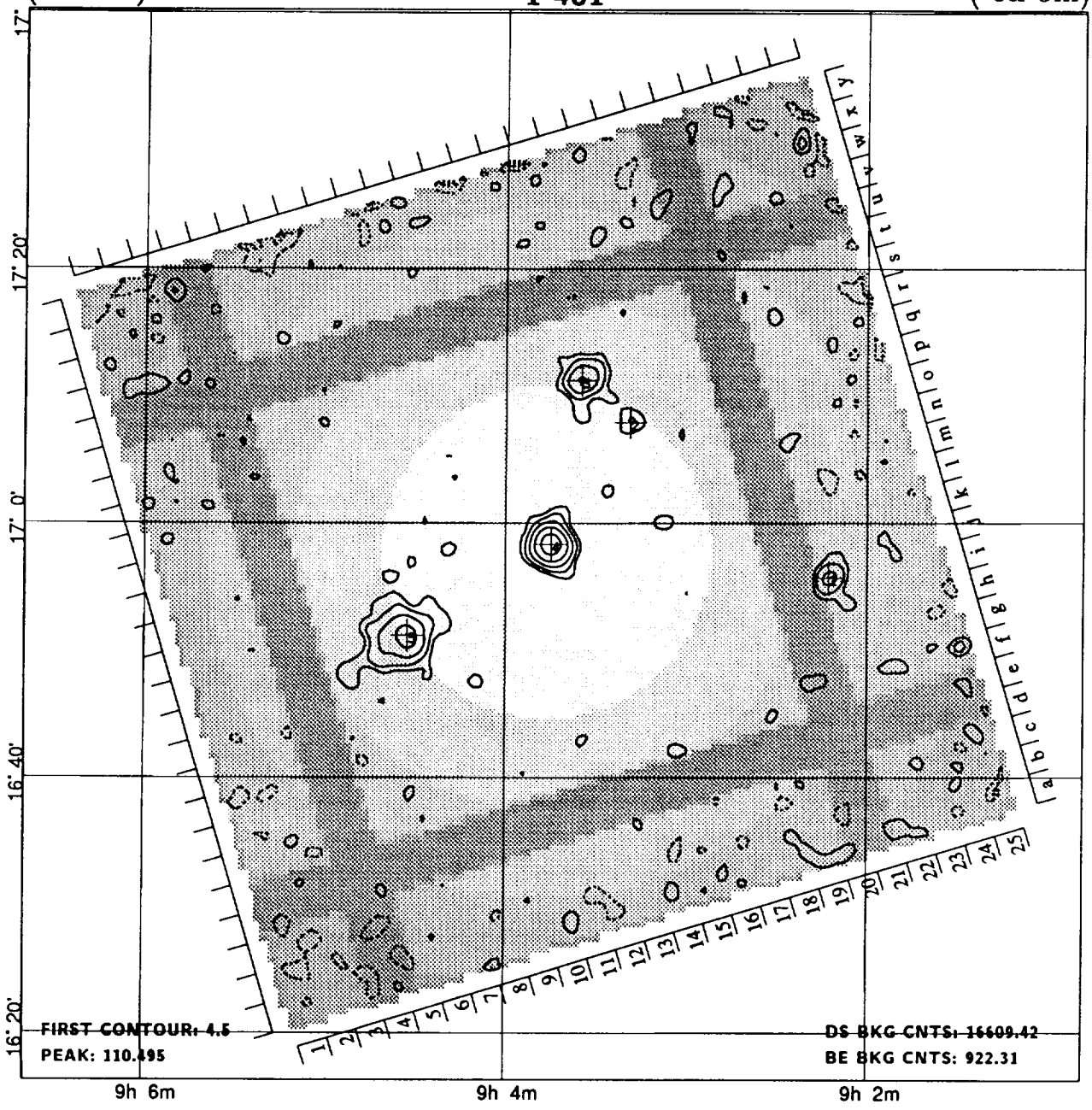
X-RAY STUDY OF SUPERNOVA REMNANTS: G261.9+5.5=PKSO902-38

FIELD CENTER: $09^h02^m18.0^s$ $-38°28'59''$ (B1950)
$09^h04^m14.6^s$ $-38°40'58''$ (J2000)
ℓ: 261.92 b: 5.48

DATE: 1979/167 - 1979/167
LIVETIME: 1020.1s
ROLL ANGLE: 46.6°

NH: 3.0E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2087	1	09 02 36.8	-38 17 00	41	0.0487	0.0091	31.8	3.2	5.4	1.0	0	12.5	H	



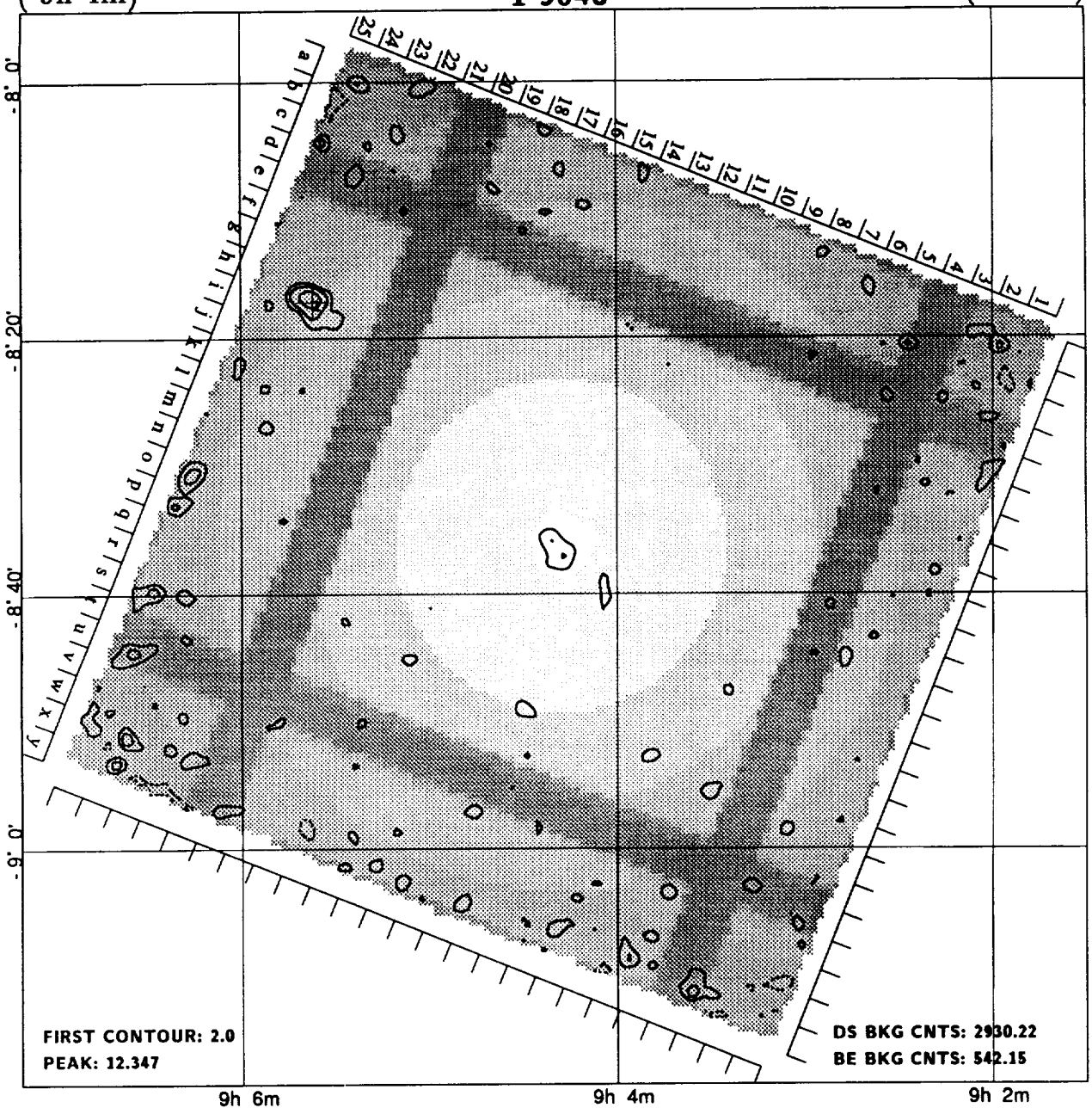
3CR 215 (QSO 0903+169) QUASAR SURVEY

FIELD CENTER: $09^h03^m44.2^s$ $16°58'15''$ (B1950)
$09^h06^m31.9^s$ $16°46'11''$ (J2000)
ℓ: 211.92 b: 37.25

DATE: 1979/299 - 1979/300
LIVETIME: 13459.1s
ROLL ANGLE: -106.7°

NH: 3.6E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2086	1	09 02 12.6	16 55 43	51	*0.0085	0.0014	54.0	26.0	6.0	1.0	803	21.9	H	
2090	2	09 03 18.6	17 07 54	46	0.00339	0.00095	29.1	36.9	3.6	0.6	0	11.4	H	
2091	3	09 03 34.9	17 11 13	38	0.0156	0.0016	128.3	36.7	10.0	1.2	0	12.8	H	S
2093	4	09 03 44.8	16 58 16	31	0.0437	0.0022	438.5	44.5	20.0	1.1	0	0.4	H	Q
2095	5	09 04 32.7	16 51 11	38	0.0213	0.0018	179.7	38.3	12.2	2.0	0	13.7	H	CLG



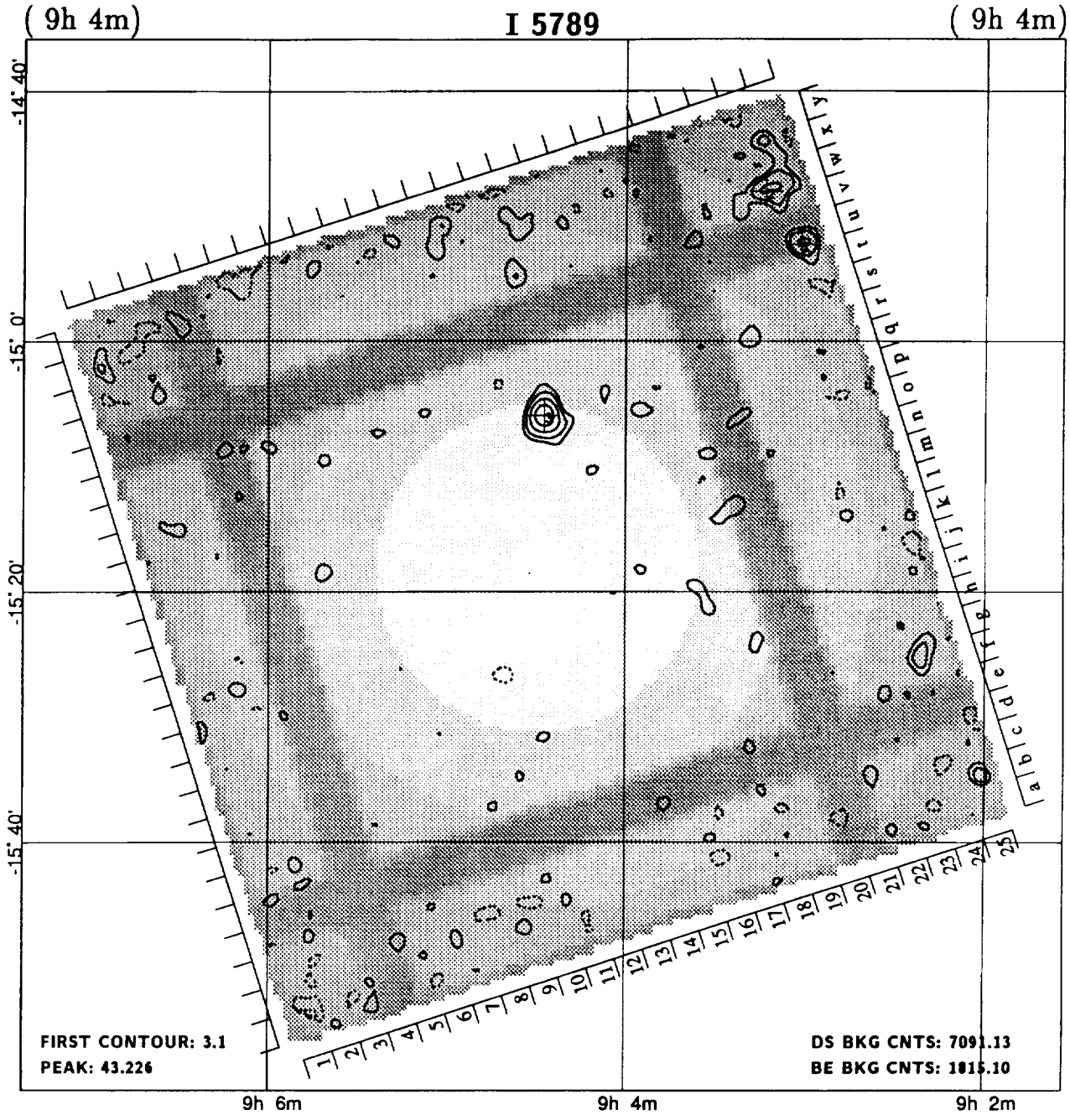
SPECTROSCOPIC BINARIES WITHIN 25 Pc: WOOLLEY# 334

FIELD CENTER: $09^h04^m20.0^s$ $-08°36'29''$ (B1950)
$09^h06^m46.7^s$ $-08°48'35''$ (J2000)
ℓ: 238.19 b: 24.83

DATE: 1981/111 - 1981/111
LIVETIME: 2374.4s
ROLL ANGLE: 111.8°

NH: 4.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2097	1	09 05 37.1	-08 17 13	51	0.0238	0.0056	22.1	4.9	4.2	1.0	0	27.3		



NORMAL GALAXIES: N2763

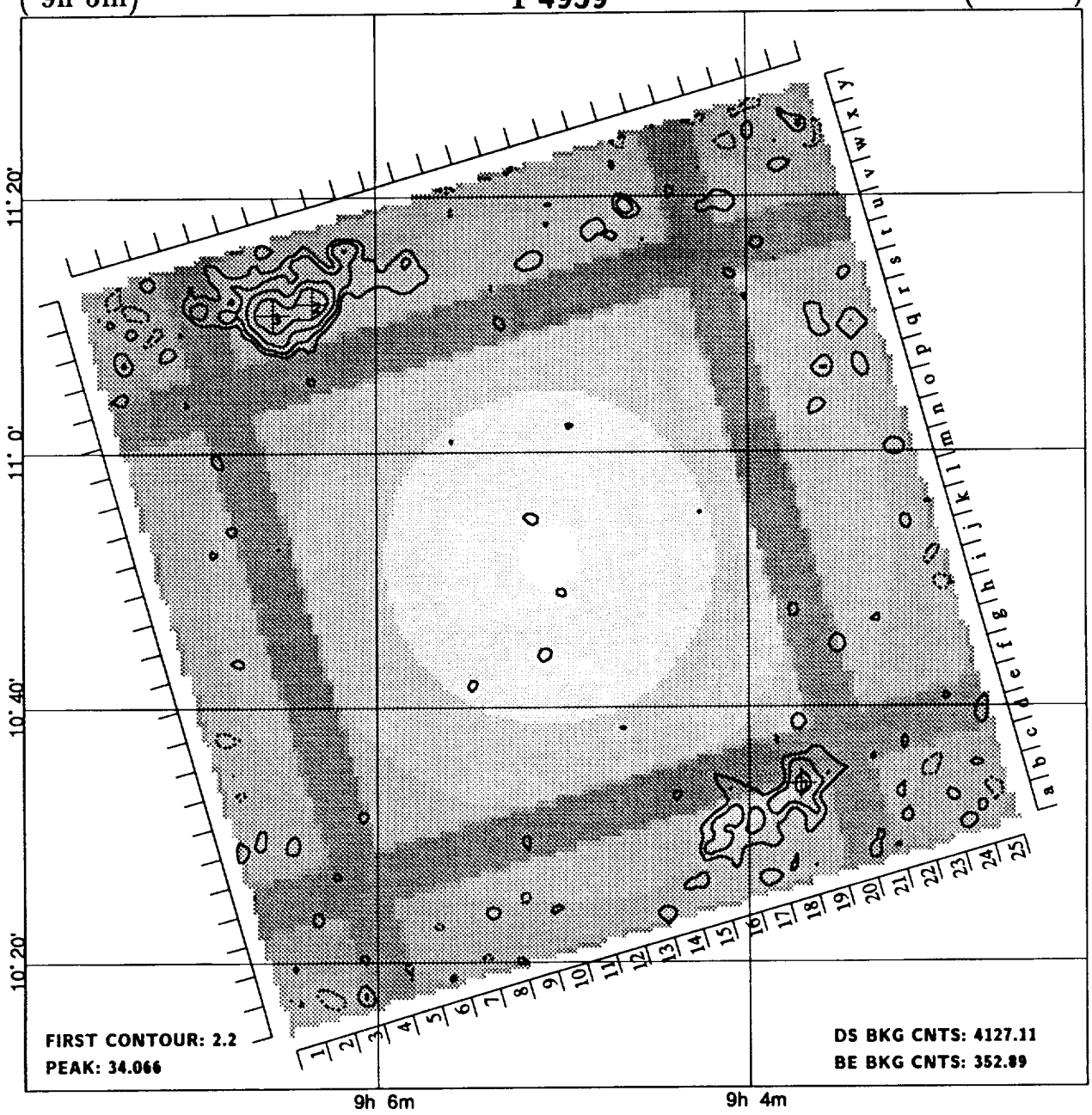
FIELD CENTER: $09^h04^m28.0^s$ $-15°17'53''$ (B1950)
$09^h06^m49.0^s$ $-15°29'59''$ (J2000)
ℓ: 244.02 b: 20.84

DATE: 1979/317 - 1979/317
LIVETIME: 5746.2s
ROLL ANGLE: -107.8°

NH: 6.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2088	1	09 03 01.4	-14 52 15	56	*0.0136	0.0034	23.0	10.0	4.0	0.9	1309	32.8		
2089	2	09 03 13.2	-14 47 59	61	0.0144	0.0037	21.7	10.3	3.8	1.5	200	35.1	H	
2094	3	09 04 27.3	-15 05 54	38	0.0330	0.0032	120.8	19.2	10.2	1.0	0	12.1	H	

(9h 5m) **I 4959** (9h 5m)



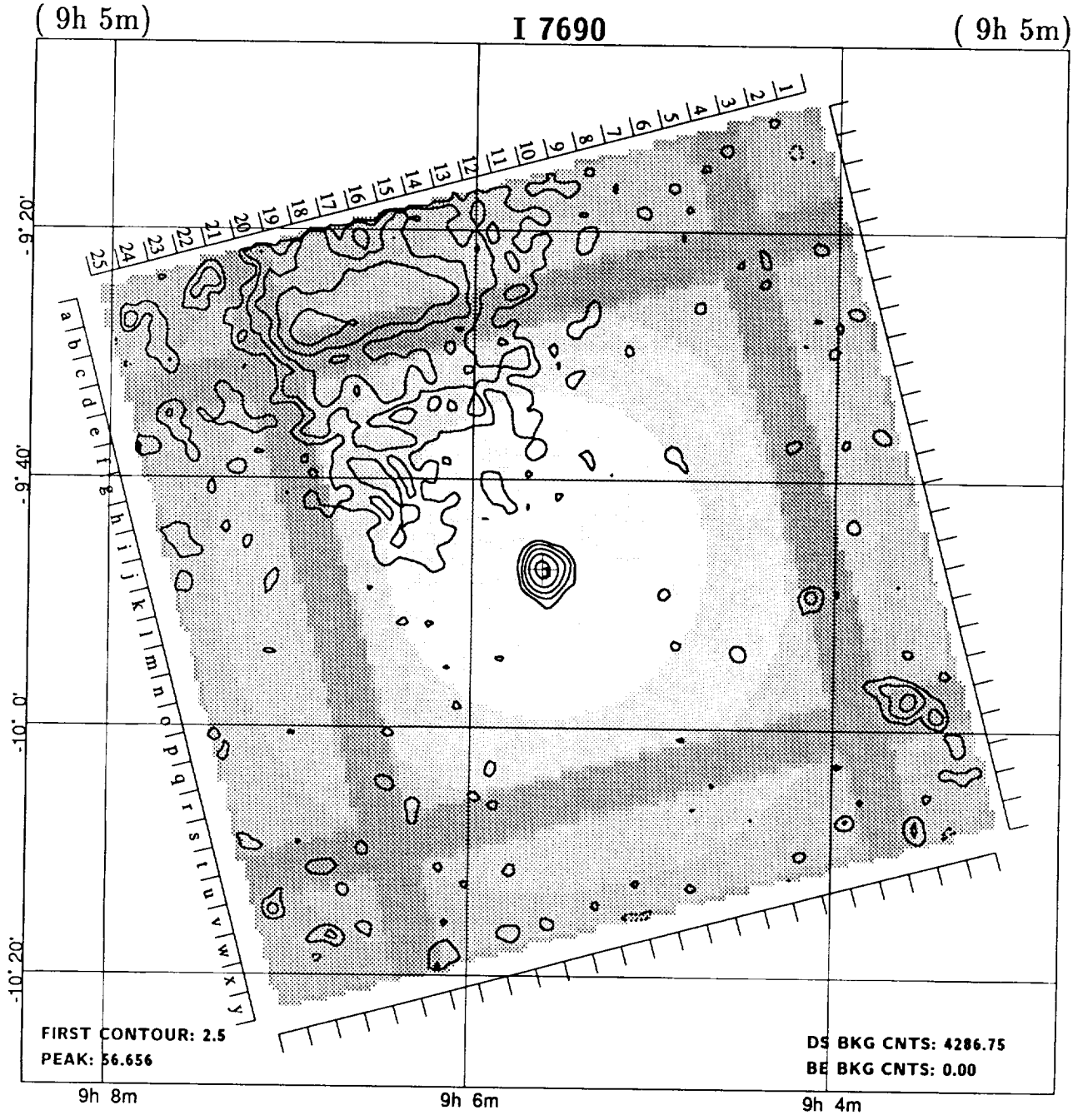
STAR KAPPA CNC (HD 78316)

FIELD CENTER: $09^h05^m02.4^s$ $10°52'15''$ (B1950)
$09^h07^m44.8^s$ $10°40'07''$ (J2000)
ℓ: 218.98 b: 35.06

DATE: 1979/303 - 1979/303
LIVETIME: 3344.3s
ROLL ANGLE: -106.0°

NH: 3.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2092	1	09 03 43.3	10 34 00	52	*0.0177	0.0041	24.0	7.0	4.3	3.5	805	26.6	H	
2099	2	09 06 20.5	11 11 34	48	0.0581	0.0069	76.3	6.7	8.4	3.9	0	27.3		
2101	3	09 06 33.1	11 10 44	49	0.0600	0.0073	73.6	6.4	8.2	3.8	0	29.2	H	



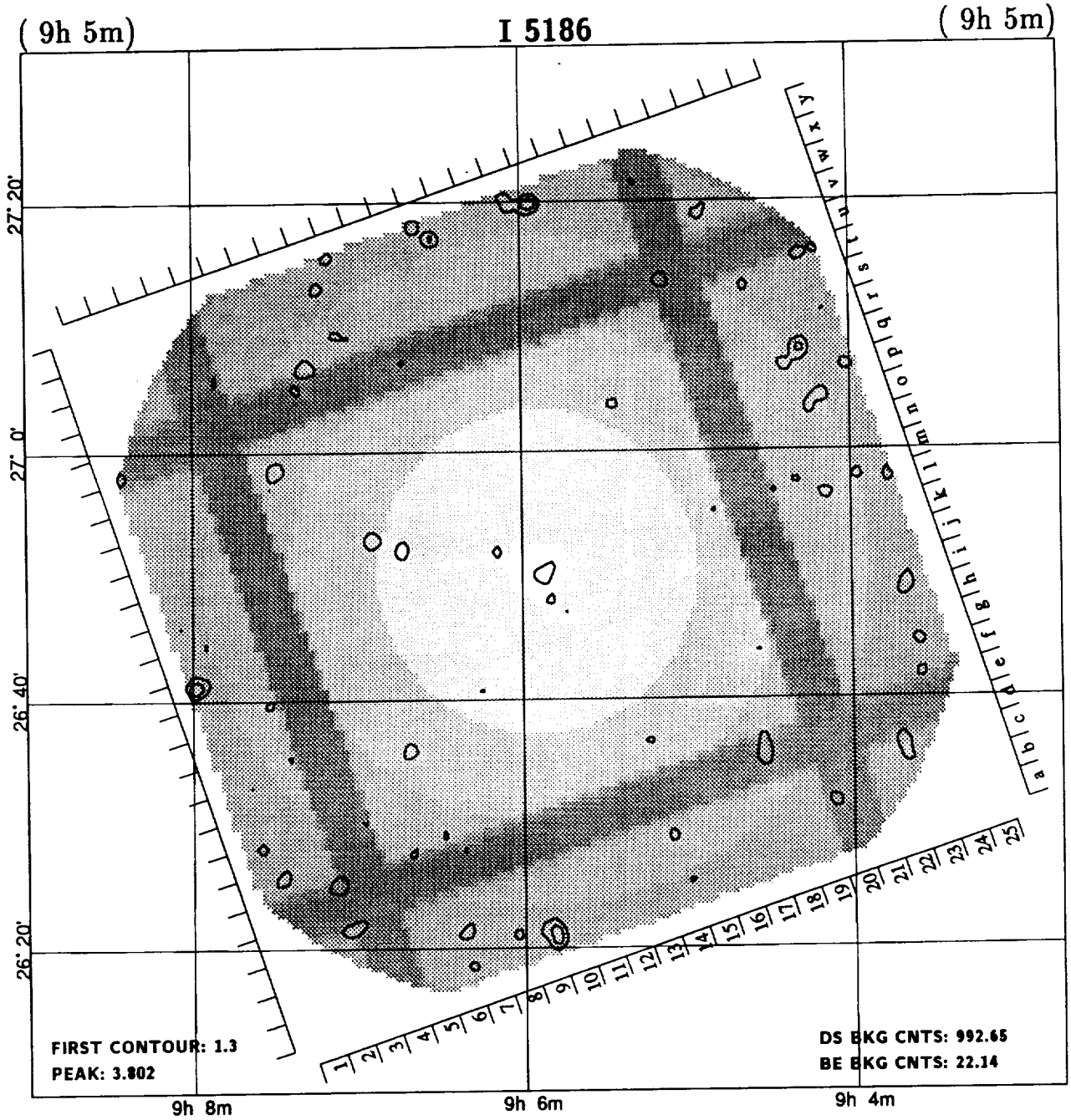
A 754,GALAXIES IN CLUSTERS

FIELD CENTER: $09^h05^m36.0^s$ $-09°46'59''$ (B1950)
$09^h08^m01.7^s$ $-09°59'09''$ (J2000)
ℓ: 239.43 b: 24.39

DATE: 1980/124 - 1980/124
LIVETIME: 3473.7s
ROLL ANGLE: 75.2°

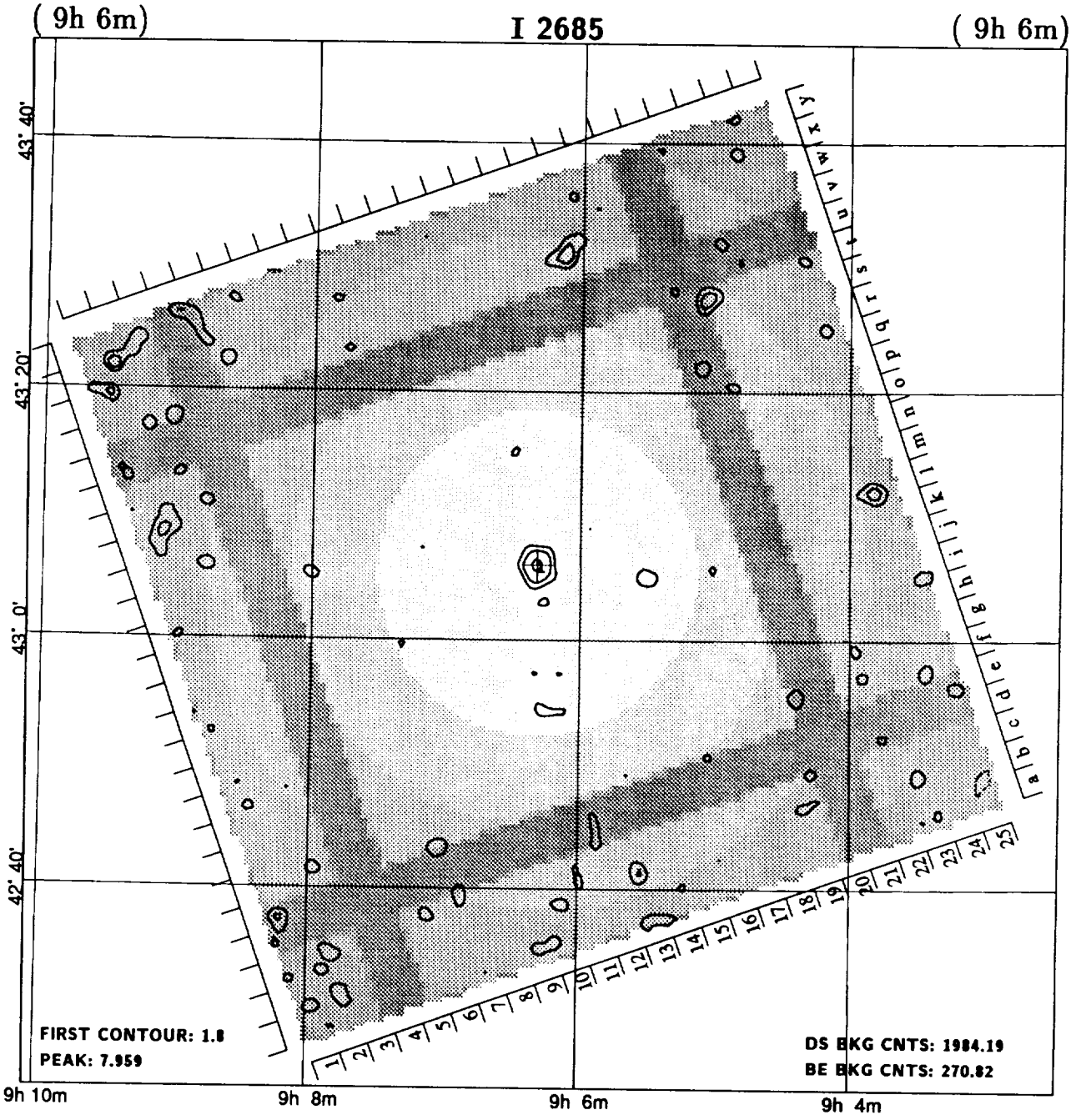
NH: 4.5E+20
REF/ID:
FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2096	1L	09 05 36.4	-09 47 14	31	0.0726	0.0065	187.4	31.6	11.0	1.2	0	0.3	A	G



STAR 75 CNC,CORRELATION OF CORONAL ACTIVITY WITH BINARY PERIOD

FIELD CENTER:	$09^h05^m52.0^s$ $26°50'29''$ (B1950)	DATE: 1979/299 - 1979/299	NH: 3.3E+20
	$09^h08^m48.7^s$ $26°38'18''$ (J2000)	LIVETIME: 804.4s	REF/ID: S
	ℓ: 200.03 b: 40.79	ROLL ANGLE: -108.6°	FIELD FLAGS:



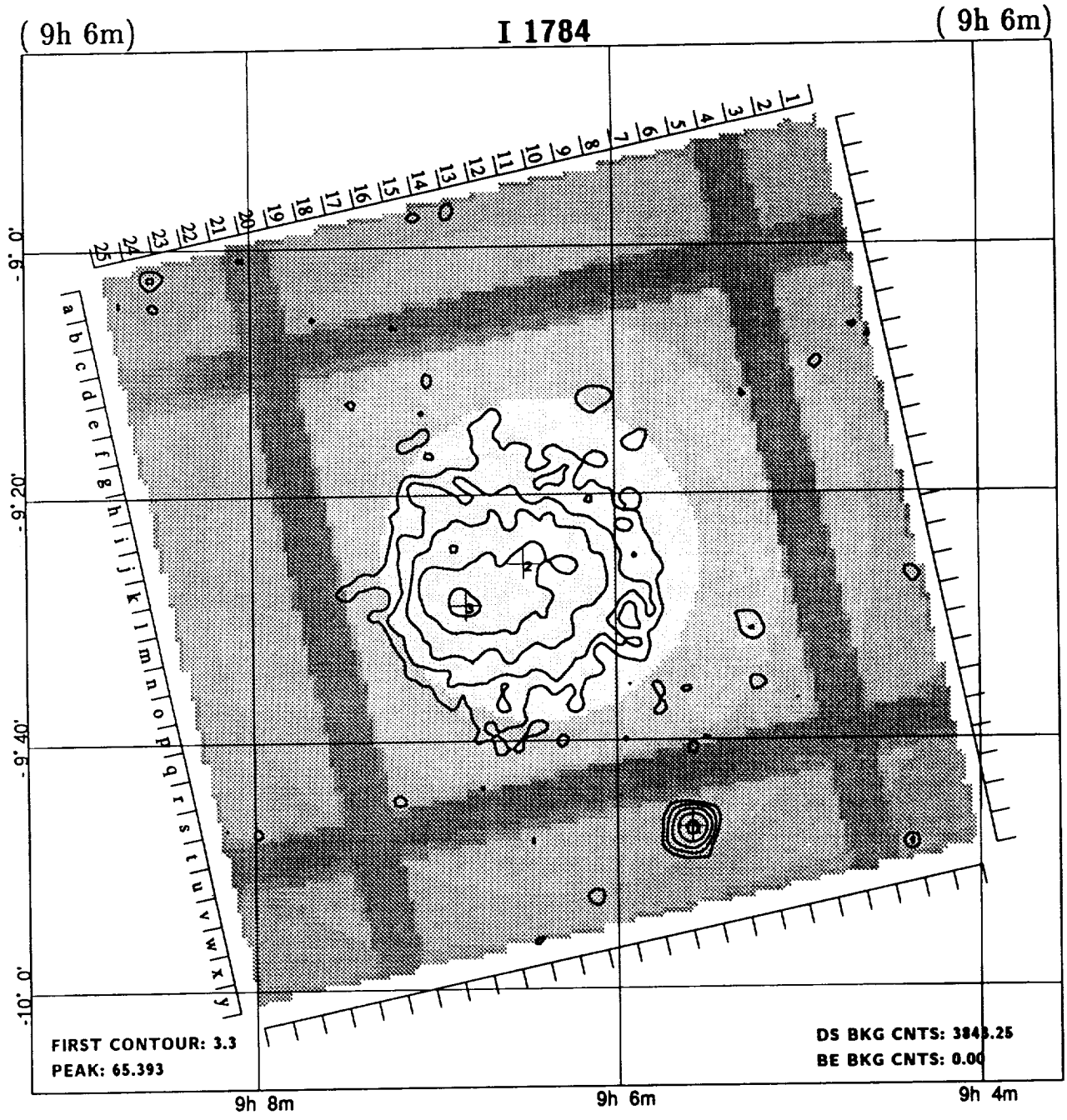
3C 216.0: BRIGHT X-GALACTIC RADIO SOURCESS

FIELD CENTER: $09^h06^m17.0^s$ $43°05'58''$ (B1950)
$09^h09^m33.2^s$ $42°53'46''$ (J2000)
ℓ: 178.33 b: 42.84

DATE: 1979/301 - 1979/301
LIVETIME: 1607.9s
ROLL ANGLE: -109.4°

NH: 1.5E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2098	1	09 06 19.4	43 06 02	36	0.0270	0.0051	32.4	5.6	5.3	0.9	0	0.7	H	Q



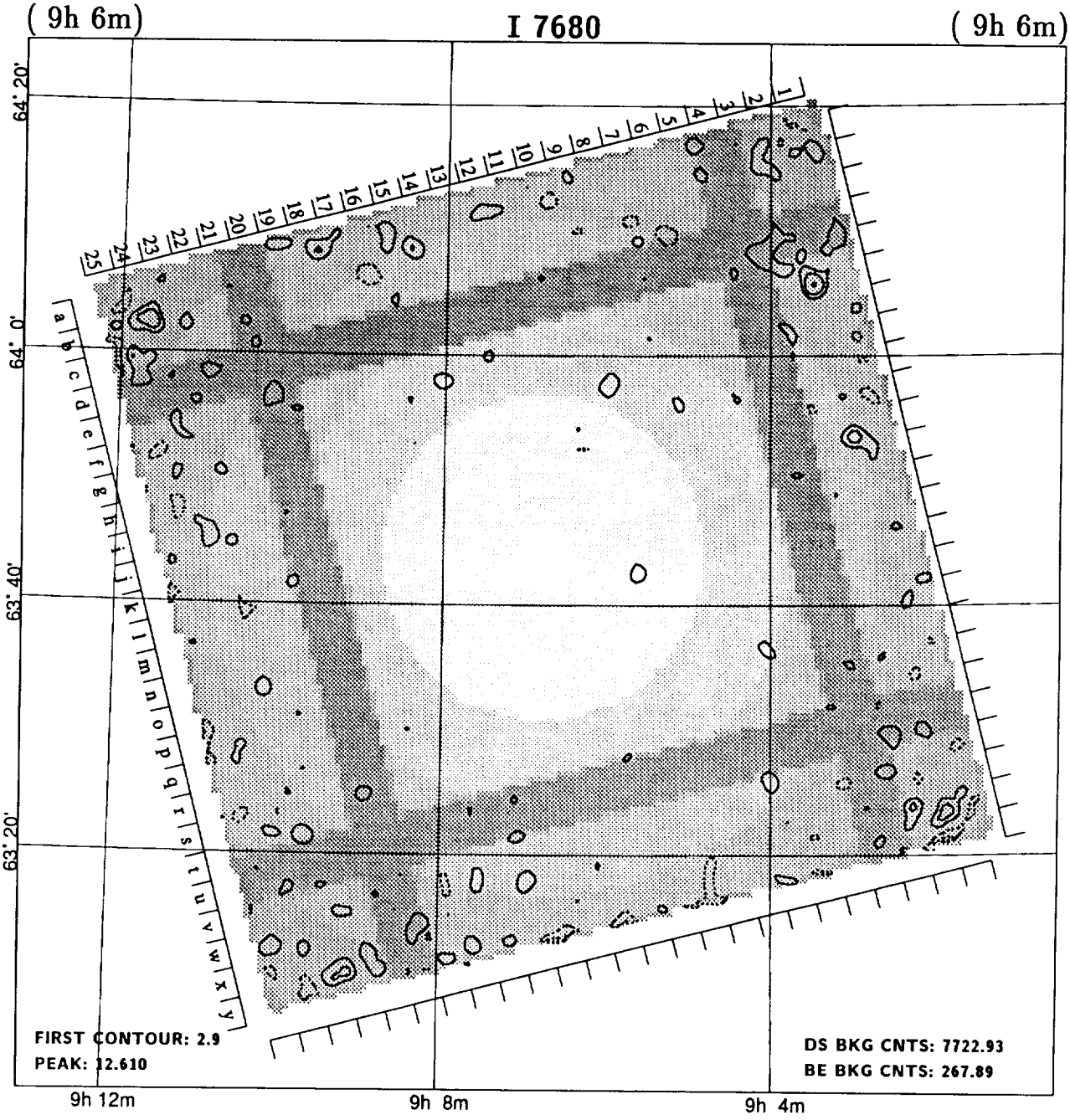
A754: STUDY, CLUSTERS OF GALAXIES

FIELD CENTER: $09^h06^m24.0^s$ $-09°25'59''$ (B1950)
$09^h08^m50.1^s$ $-09°38'11''$ (J2000)
ℓ: 239.25 b: 24.76

DATE: 1979/117 - 1979/117
LIVETIME: 3114.3s
ROLL ANGLE: 78.0°

NH: 4.7E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2096	1L	09 05 35.2	-09 47 02	48	0.097	0.010	130.6	18.4	9.3	1.1	0	24.2	A	G
2100	2L	09 06 30.5	-09 25 35	31	0.0301	0.0080	69.5	140.5	3.7	22.2	0	1.8		
2103	3L	09 06 49.7	-09 28 57	38	0.049	0.011	105.6	219.4	4.5	12.4	0	7.2		CLG

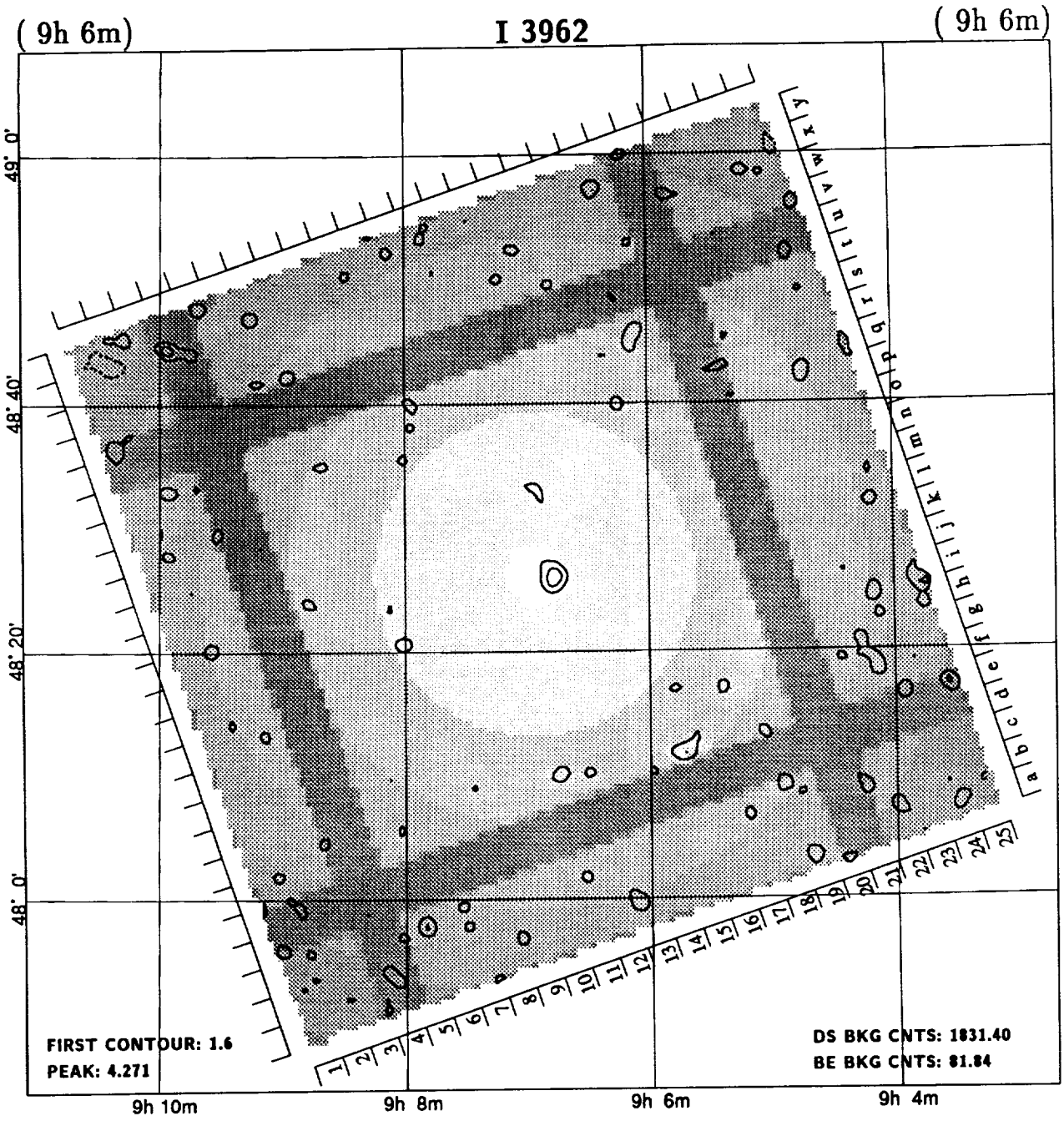


HD 78362,EMISSION FROM MAGNETIC AND NON-MAGNETIC AP STARS

FIELD CENTER: $09^h06^m49.1^s$ $63°43'06''$ (B1950)
$09^h10^m54.3^s$ $63°30'51''$ (J2000)
ℓ: 151.21 b: 39.42

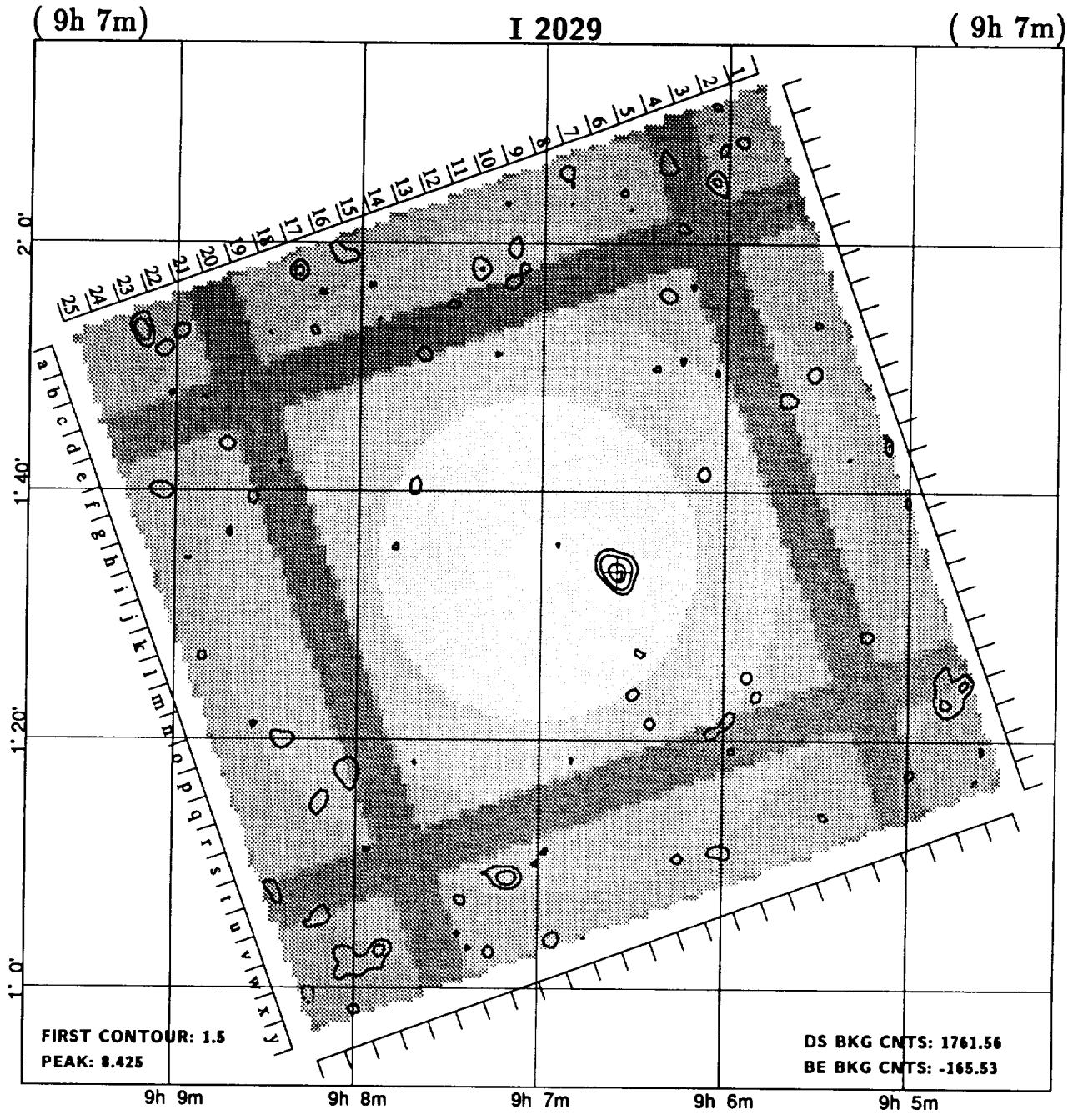
DATE: 1980/121 - 1980/121
LIVETIME: 6482.9s
ROLL ANGLE: 75.6°

NH: 4.0E+20
REF/ID:
FIELD FLAGS:



0906+484, BRIGHT NEARBY QUASAR

FIELD CENTER:	$09^h06^m53.8^s$ $48°26'45''$ (B1950)	**DATE:** 1979/303 - 1979/303	**NH:** 1.7E+20
	$09^h10^m18.6^s$ $48°14'31''$ (J2000)	**LIVETIME:** 1484.1s	**REF/ID:**
	ℓ: 171.05 b: 42.67	**ROLL ANGLE:** -108.6°	**FIELD FLAGS:**



0906+01: STUDY, QUASARS

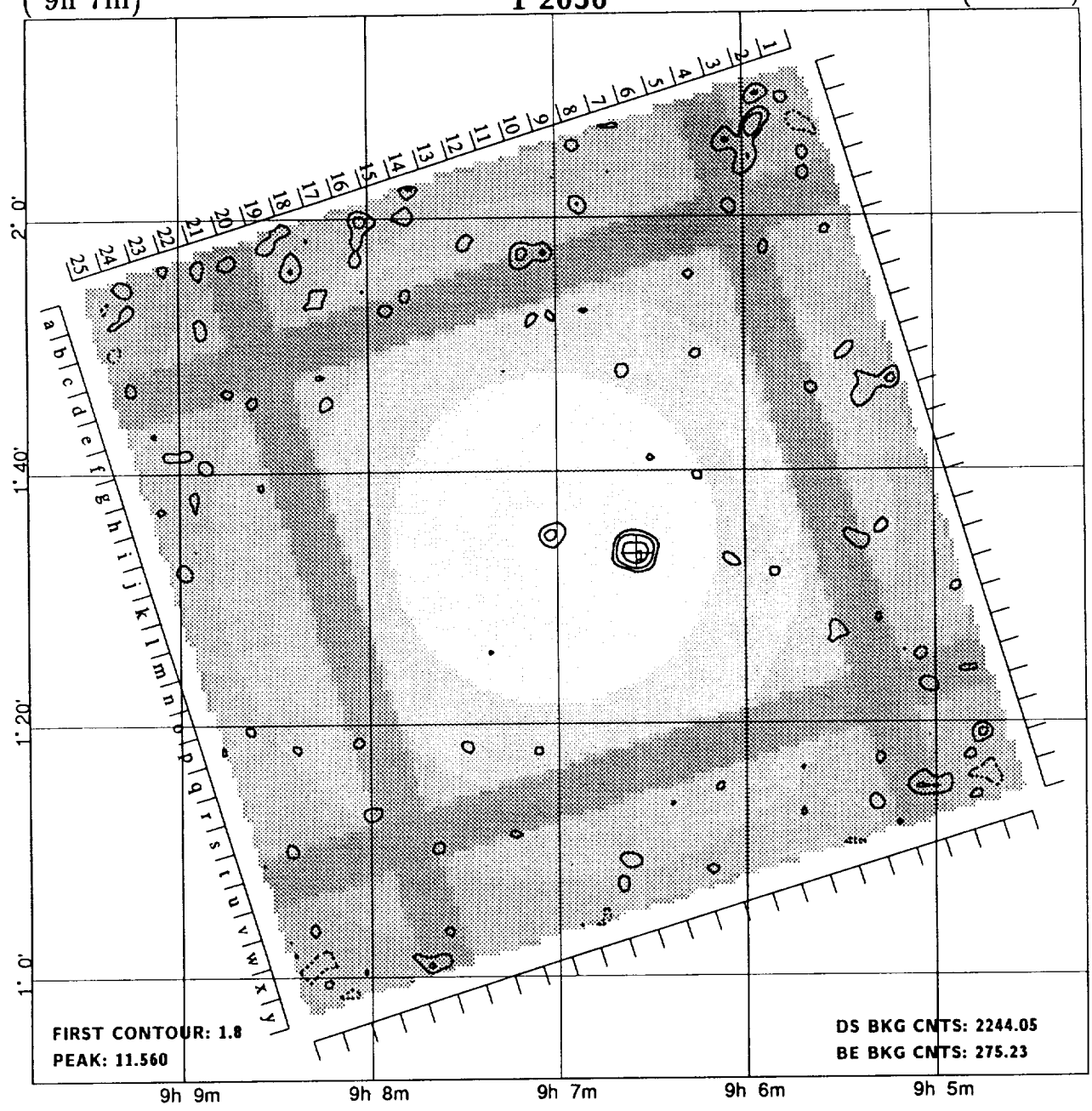
FIELD CENTER: $09^h07^m00.0^s$ $01°33'59''$ (B1950)
$09^h09^m34.9^s$ $01°21'46''$ (J2000)
ℓ: 229.00 b: 31.01

DATE: 1979/139 - 1979/139
LIVETIME: 1427.4s
ROLL ANGLE: 70.2°

NH: 3.1E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2102	1	09 06 35.1	01 33 31	41	0.0313	0.0059	31.2	3.8	5.3	0.9	0	6.3	AH	Q

(9h 7m) **I 2030** (9h 7m)



0906+01: STUDY, QUASARS

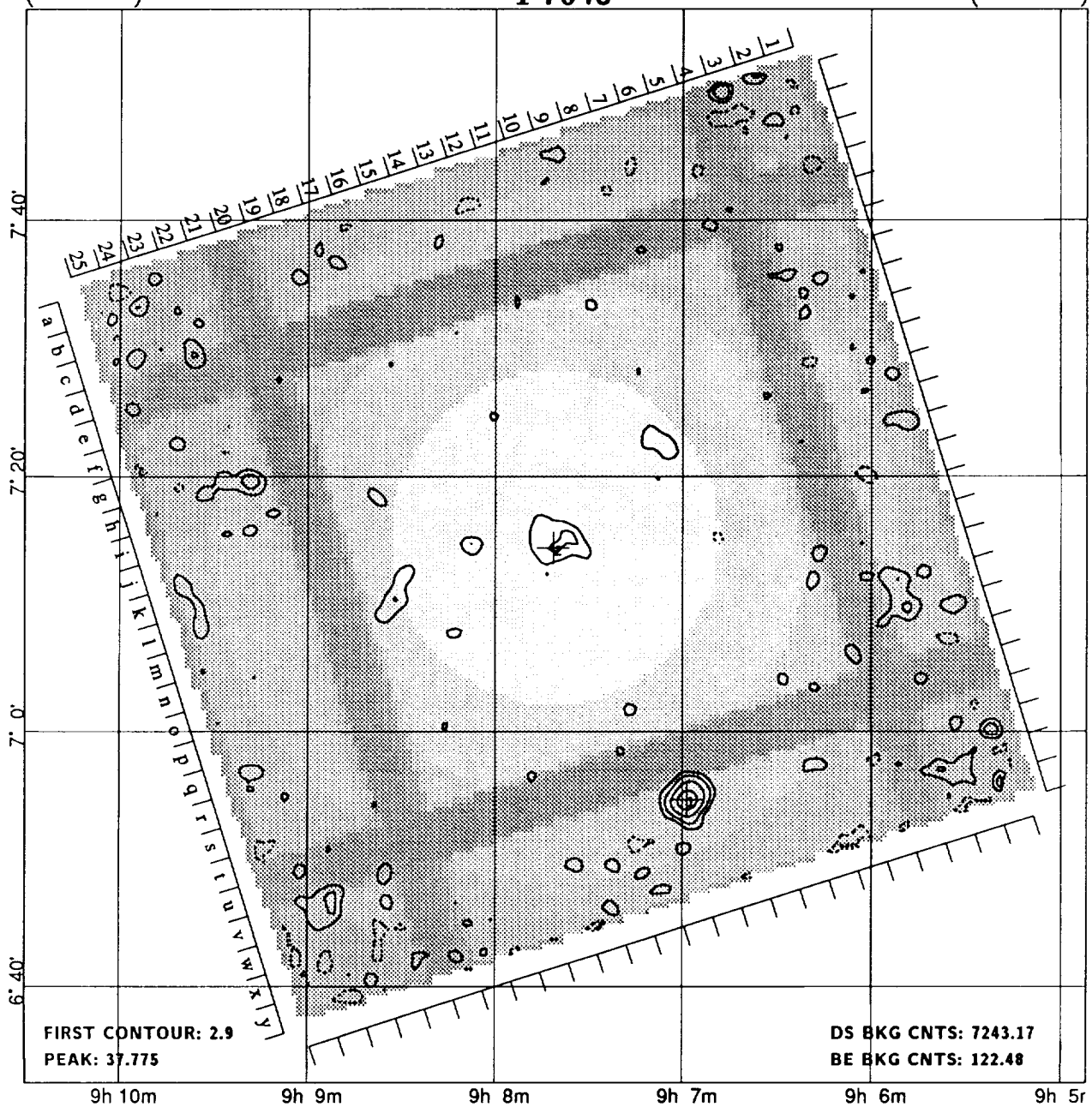
FIELD CENTER: $09^h07^m00.0^s$ $01°33'59''$ (B1950)
$09^h09^m34.9^s$ $01°21'46''$ (J2000)
ℓ: 229.00 b: 31.01

DATE: 1980/128 - 1980/128
LIVETIME: 1883.7s
ROLL ANGLE: 72.9°

NH: 3.1E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2102	1	09 06 34.7	01 33 29	41	0.0378	0.0057	49.9	6.1	6.7	1.0	0	6.3	AH	Q

(9h 7m) **I 7048** (9h 7m)



NGC 2775,LATE GALAXY SURVEY

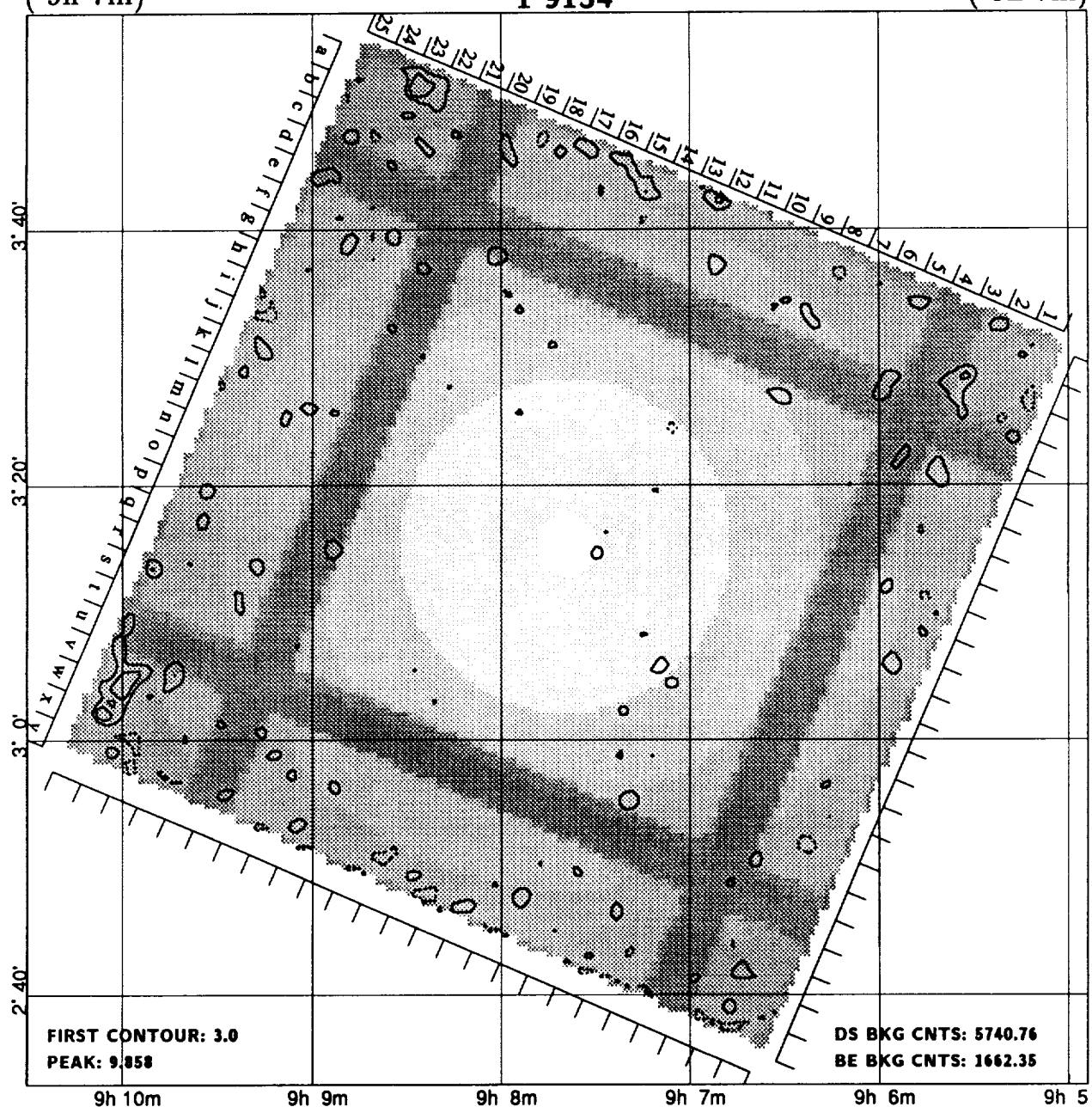
FIELD CENTER: $09^h07^m41.0^s$ $07°14'29''$ **(B1950)**
$09^h10^m20.4^s$ $07°02'14''$ **(J2000)**
ℓ: **223.27** b: **33.99**

DATE: 1980/130 - 1980/130
LIVETIME: 6080.1s
ROLL ANGLE: 72.5°

NH: 4.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2104	1	09 06 58.6	06 54 39	48	0.0279	0.0034	78.7	12.3	8.3	1.1	400	22.5	AH	
2105	2	09 07 41.4	07 14 20	37	0.0059	0.0015	26.8	18.2	4.0	1.5	0	0.2	H	G

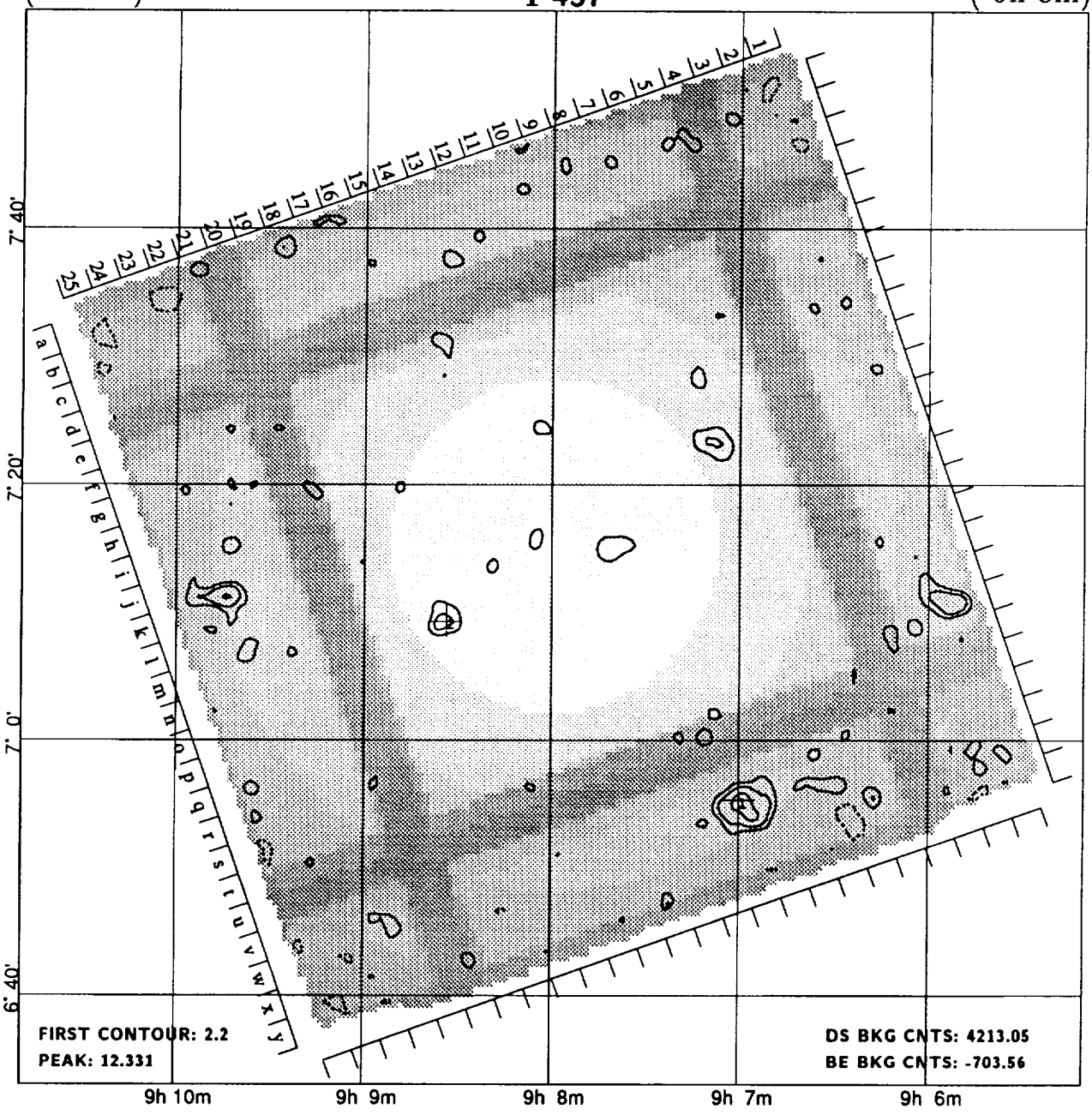
(9h 7m) **I 9154** (9h 7m)



EMPTY FIELD IN HYDRA (MISPOINT)

FIELD CENTER:	$09^h07^m42.0^s$ $03°14'59''$ (B1950)	**DATE:** 1981/114 - 1981/115	**NH:** 3.3E+20
	$09^h10^m18.2^s$ $03°02'44''$ (J2000)	**LIVETIME:** 4651.9s	**REF/ID:**
	ℓ: 227.42 b: 32.03	**ROLL ANGLE:** 113.2°	**FIELD FLAGS:**

C-3



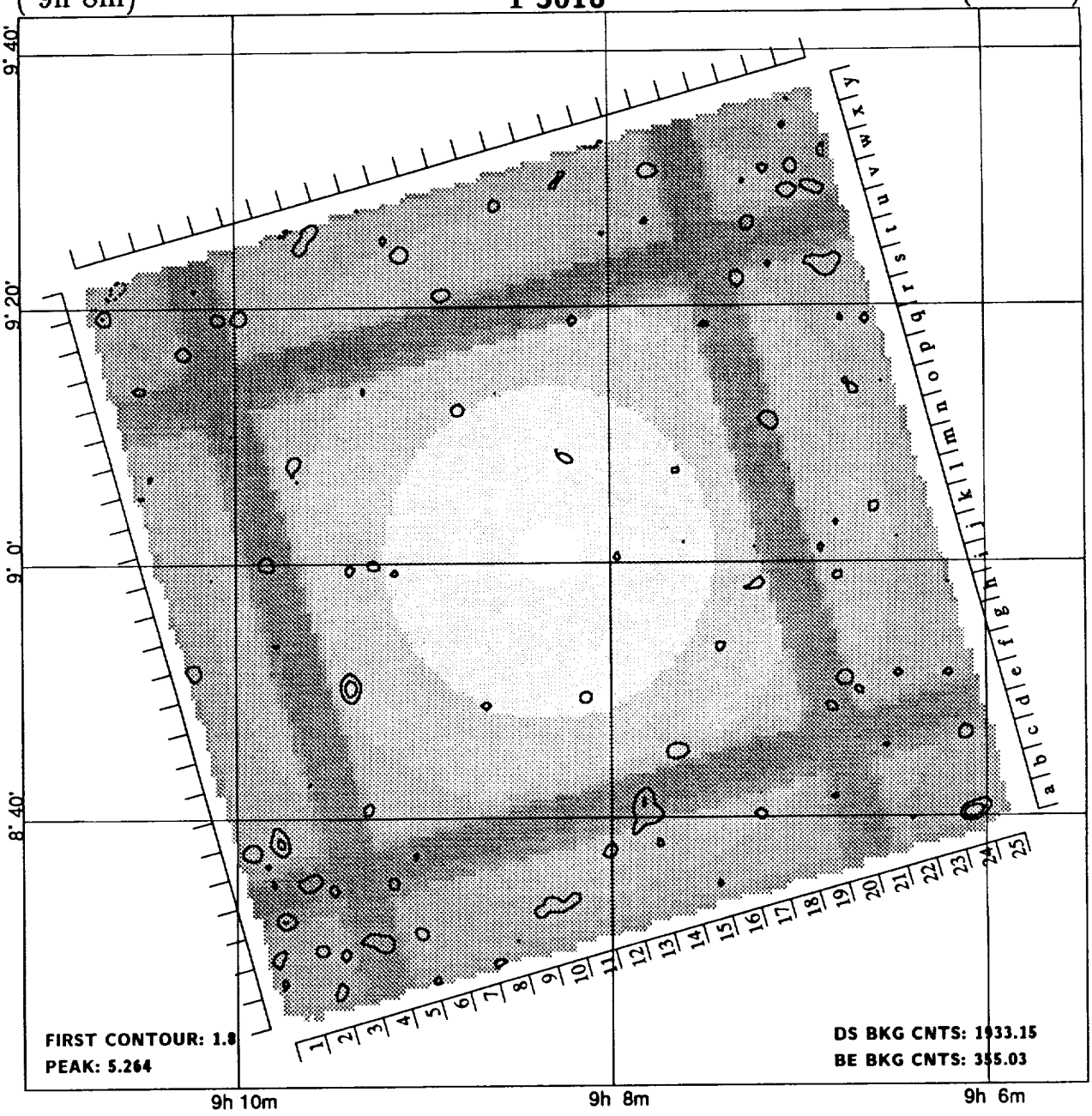
NGC 2773/75/77 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $09^h08^m00.0^s$ $07°14'59''$ (B1950)
$09^h10^m39.4^s$ $07°02'43''$ (J2000)
ℓ: 223.30 b: 34.06

DATE: 1979/142 - 1979/142
LIVETIME: 3414.0s
ROLL ANGLE: 70.7°

NH: 4.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2104	1	09 07 00.0	06 55 20	51	0.0205	0.0040	30.5	5.5	5.1	1.5	200	24.6	AH	
2107	2	09 08 33.8	07 09 18	46	0.0107	0.0025	24.1	6.9	4.3	0.7	0	9.8	H	



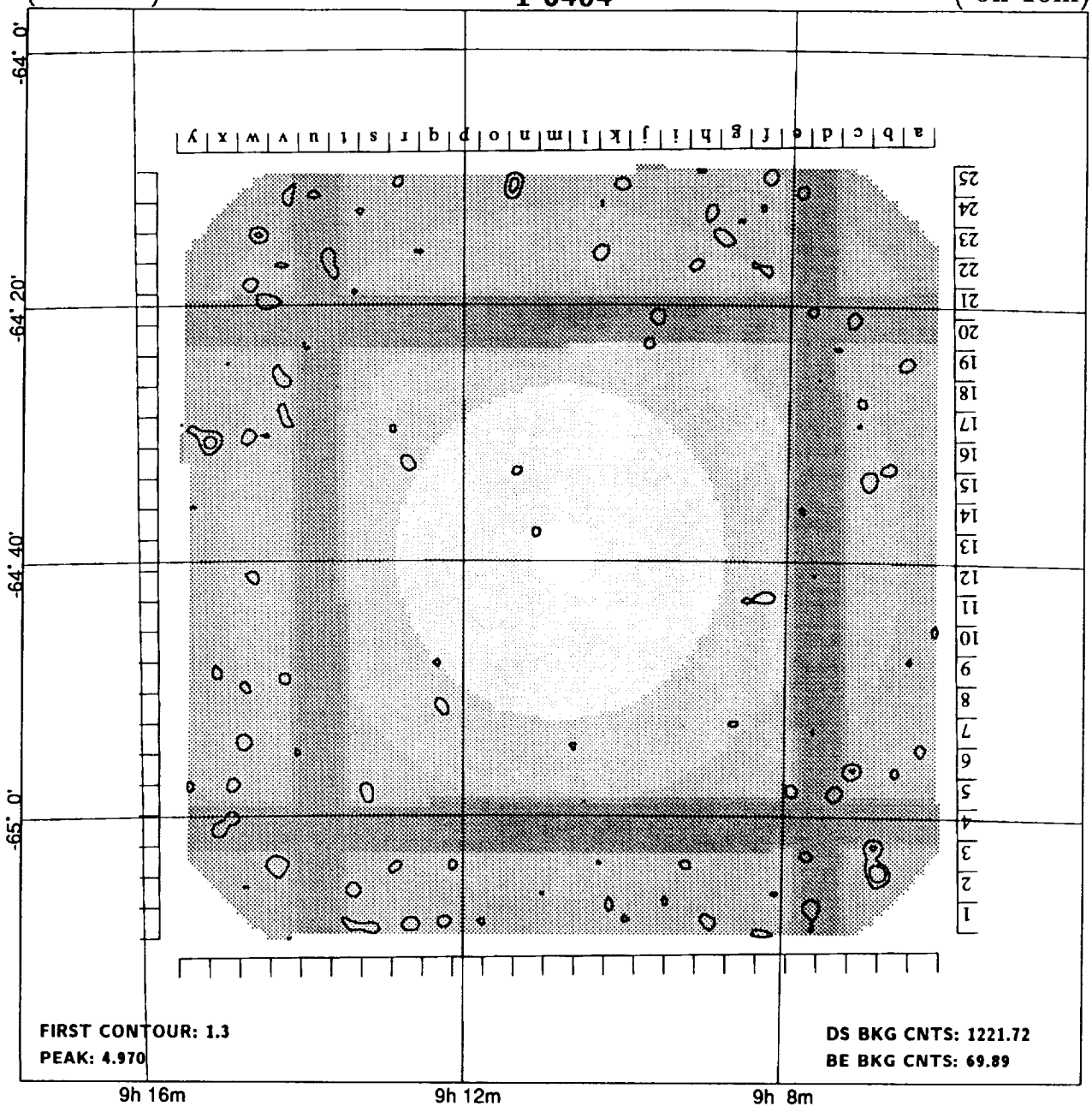
EMPTY FIELD (MISPOINT)

FIELD CENTER: $09^h08^m18.0^s$ 09°00'59" (B1950)
$09^h10^m58.8^s$ 08°48'42" (J2000)
ℓ: 221.45 b: 34.95

DATE: 1979/300 - 1979/300
LIVETIME: 1566.5s
ROLL ANGLE: -105.5°

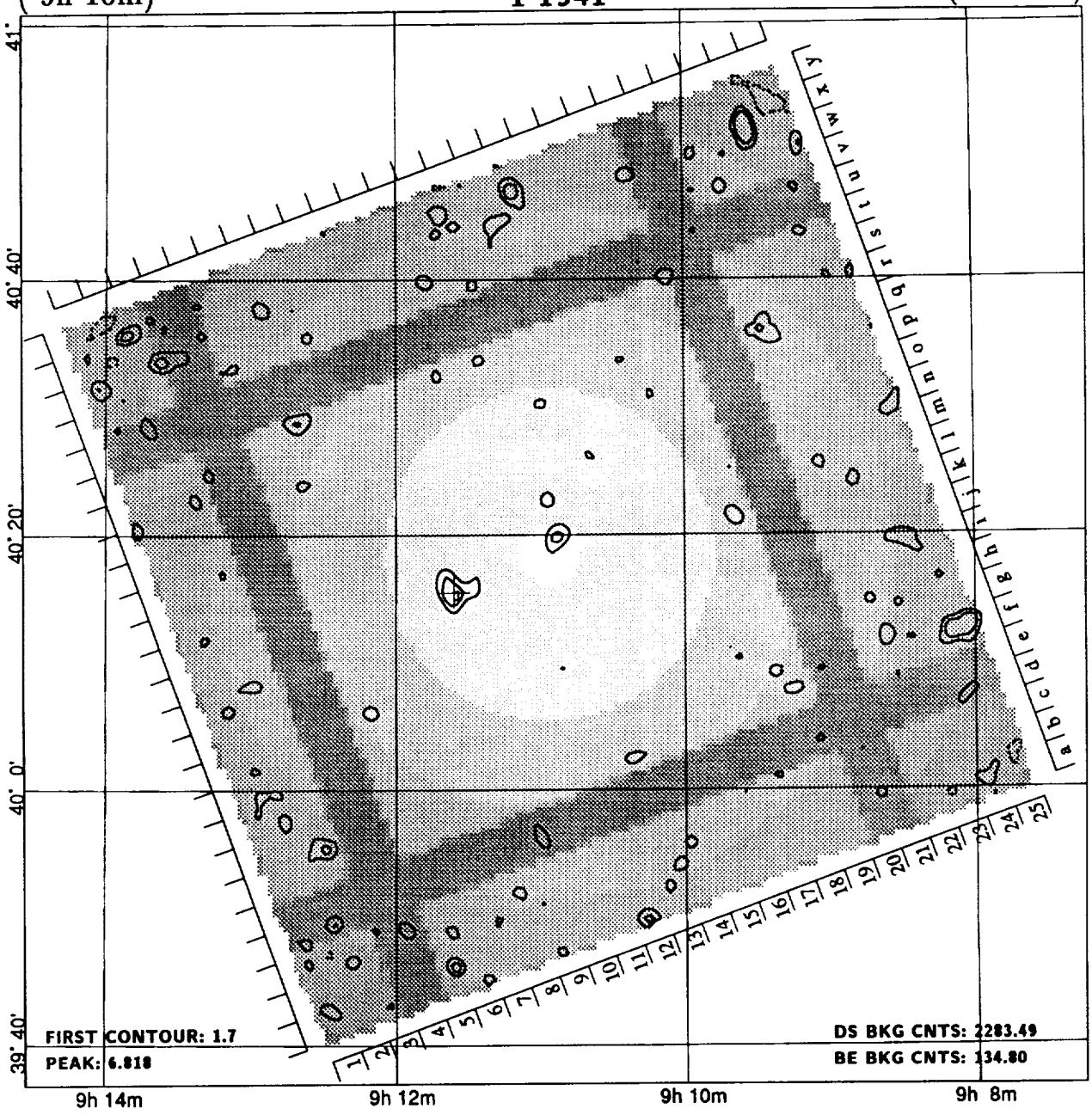
NH: 4.3E+20
REF/ID:
FIELD FLAGS:

(9h 10m) **I 6404** (9h 10m)



NGC 2808,GLOBULAR CLUSTER SURVEY

FIELD CENTER:	$09^h10^m54.0^s$ -64°38′59″ (B1950)	**DATE:** 1980/ 36 - 1980/ 36	**NH:** 1.0E+21
	$09^h11^m52.6^s$ -64°51′22″ (J2000)	**LIVETIME:** 990.0s	**REF/ID:**
	ℓ: 282.17 b: -11.26	**ROLL ANGLE:** 179.4°	**FIELD FLAGS:**



NGC 2782: SEYFERT AND N-TYPE GALAXIESX

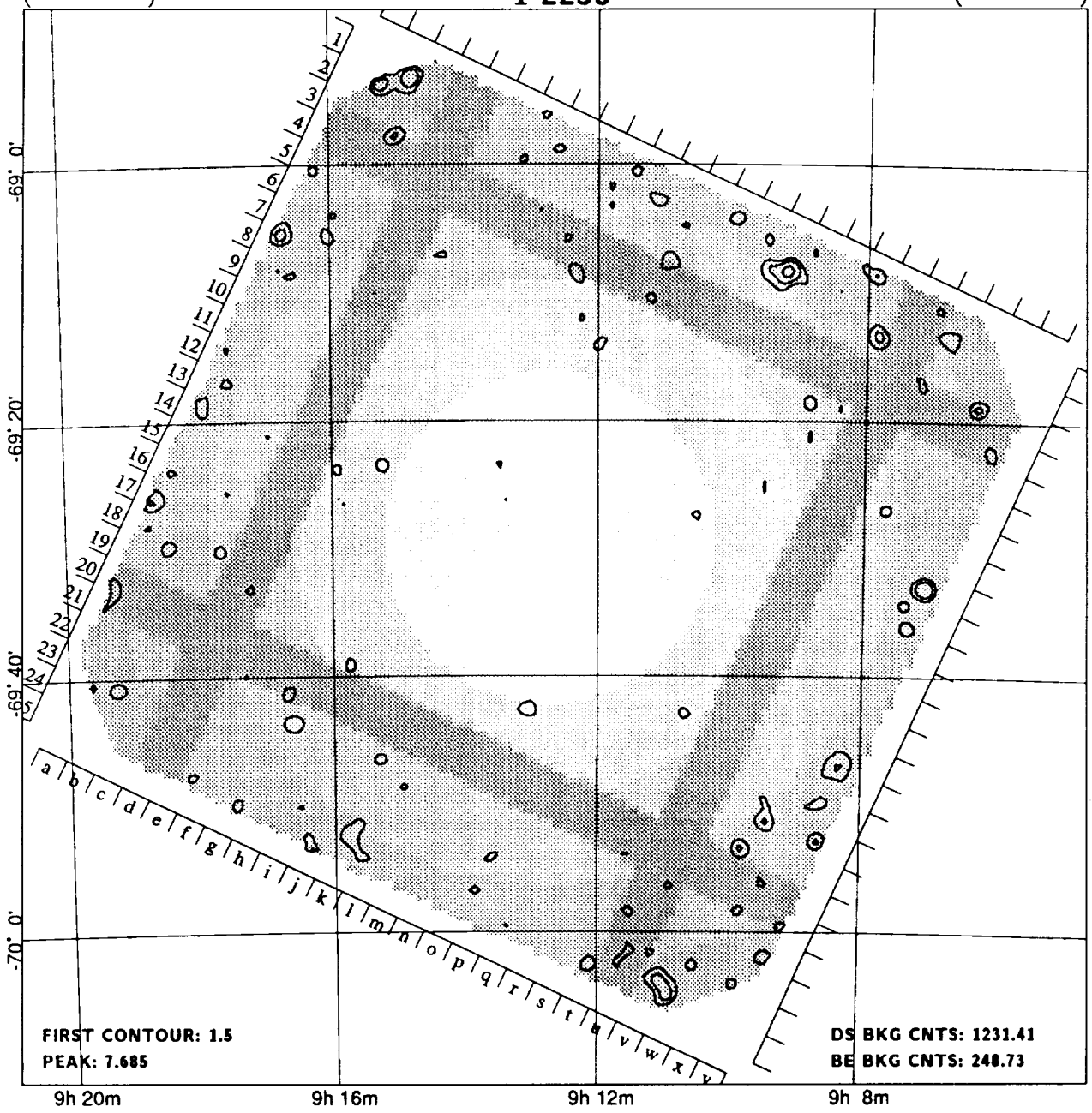
FIELD CENTER: $09^h10^m54.0^s$ $40°18'59''$ (B1950)
$09^h14^m05.4^s$ $40°06'33''$ (J2000)
ℓ: 182.16 b: 43.68

DATE: 1979/293 - 1979/293
LIVETIME: 1850.4s
ROLL ANGLE: -110.0°

NH: 1.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2108	1	09 11 36.0	40 15 28	42	0.0149	0.0039	18.9	6.1	3.8	1.1	0	9.1	H	Q

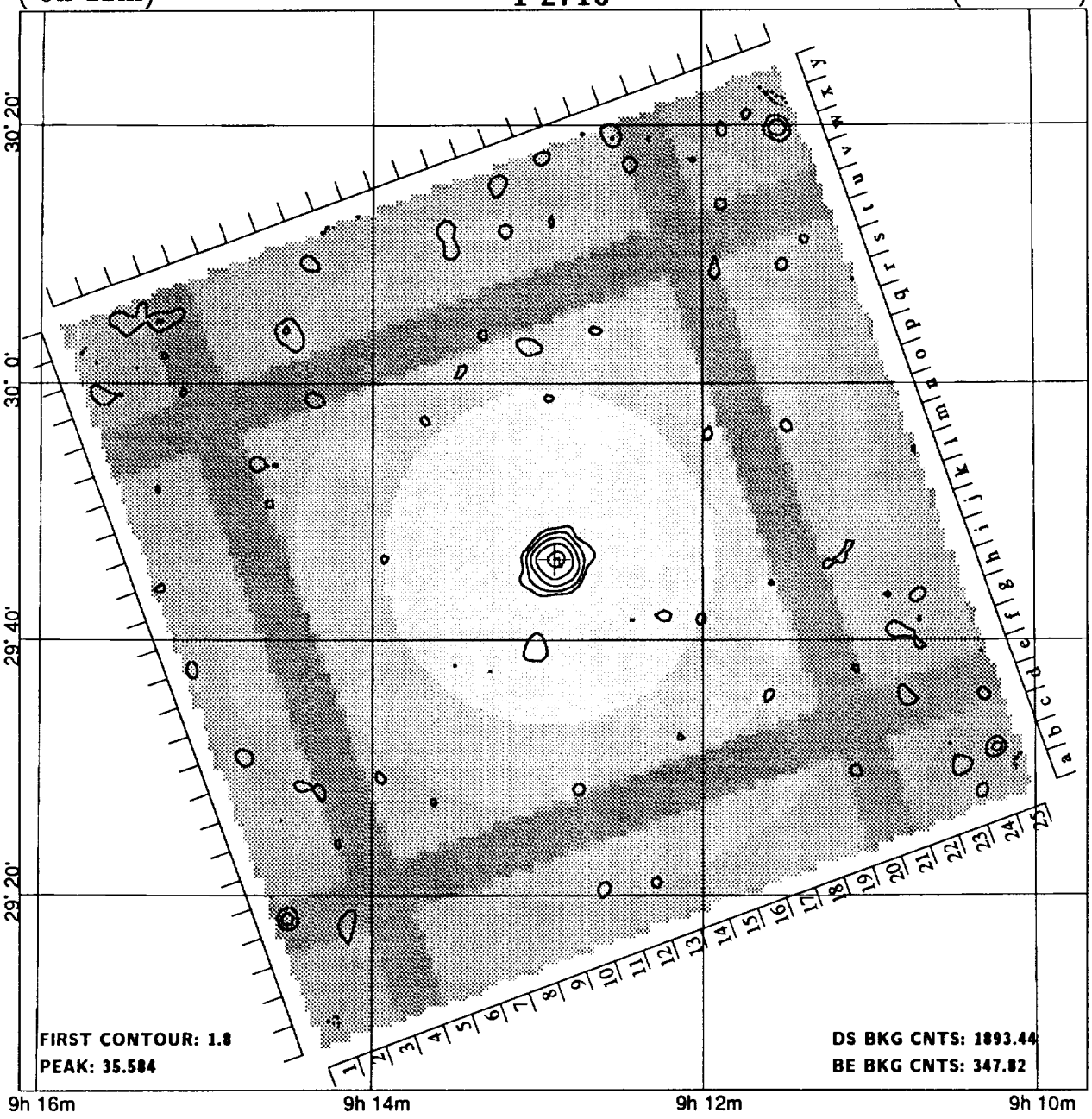
(9h 12m) **I 2238** (9h 12m)



STELLAR SURVEY-EARLY TYPE STARS: HD80007=BETA CAR

FIELD CENTER:	$09^h12^m39.8^s$ -69°29'59" (B1950)	**DATE:** 1979/193 - 1979/193	**NH:** 9.5E+20
	$09^h13^m13.8^s$ -69°42'27" (J2000)	**LIVETIME:** 997.8s	**REF/ID:**
	ℓ: 285.97 b: -14.40	**ROLL ANGLE:** 25.1°	**FIELD FLAGS:**

(9h 12m) **I 2716** (9h 12m)



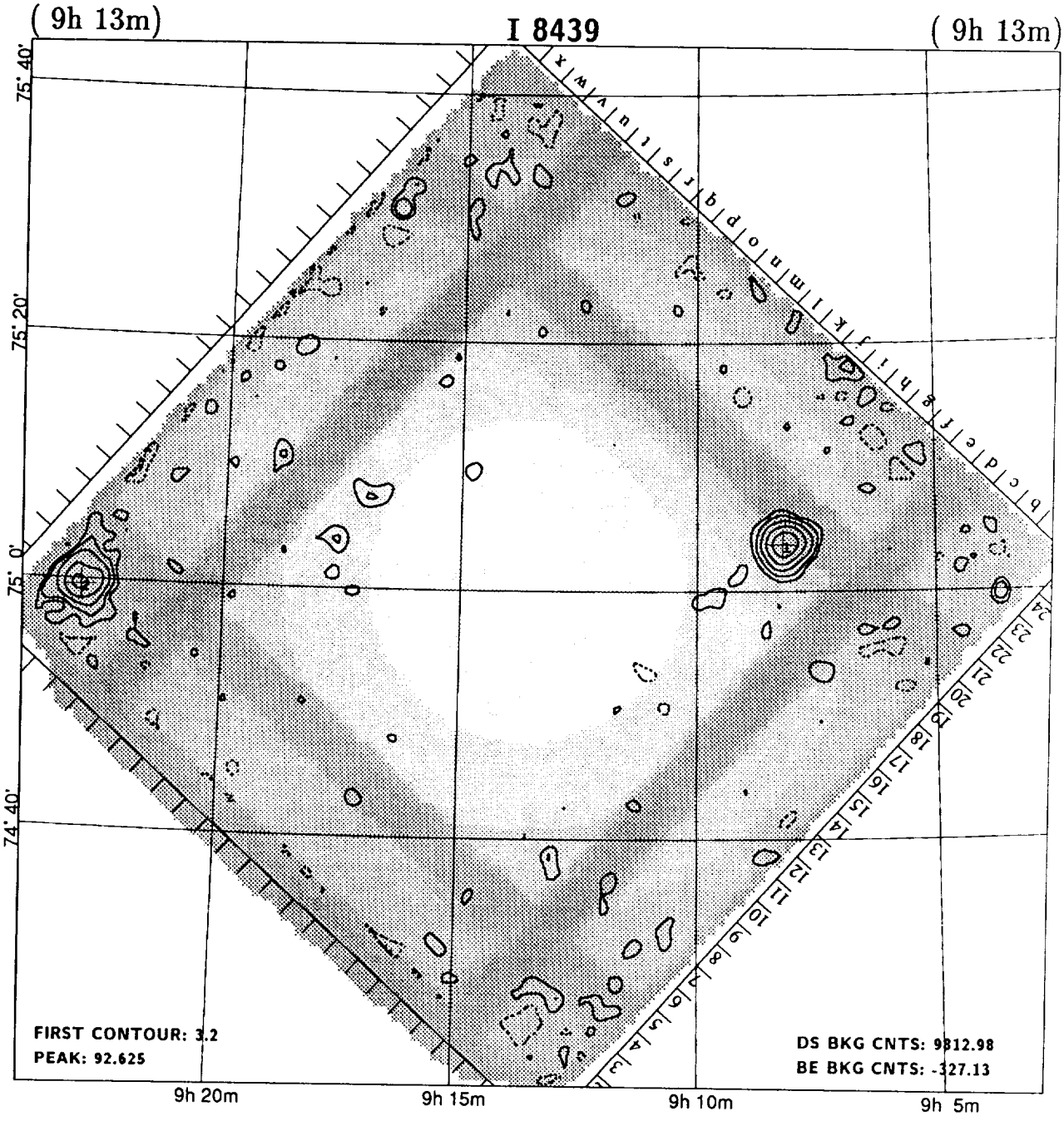
QUASAR SURVEY: B30912+29

FIELD CENTER: $09^h12^m54.0^s$ $29°46'59''$ **(B1950)**
$09^h15^m52.9^s$ $29°34'28''$ **(J2000)**
ℓ: **196.63** b: **42.94**

DATE: 1979/299 - 1979/299
LIVETIME: 1534.3s
ROLL ANGLE: -109.9°

NH: 2.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2109	1	09 12 53.9	29 46 13	31	0.132	0.011	151.1	5.9	12.1	1.3	0	0.7	H	



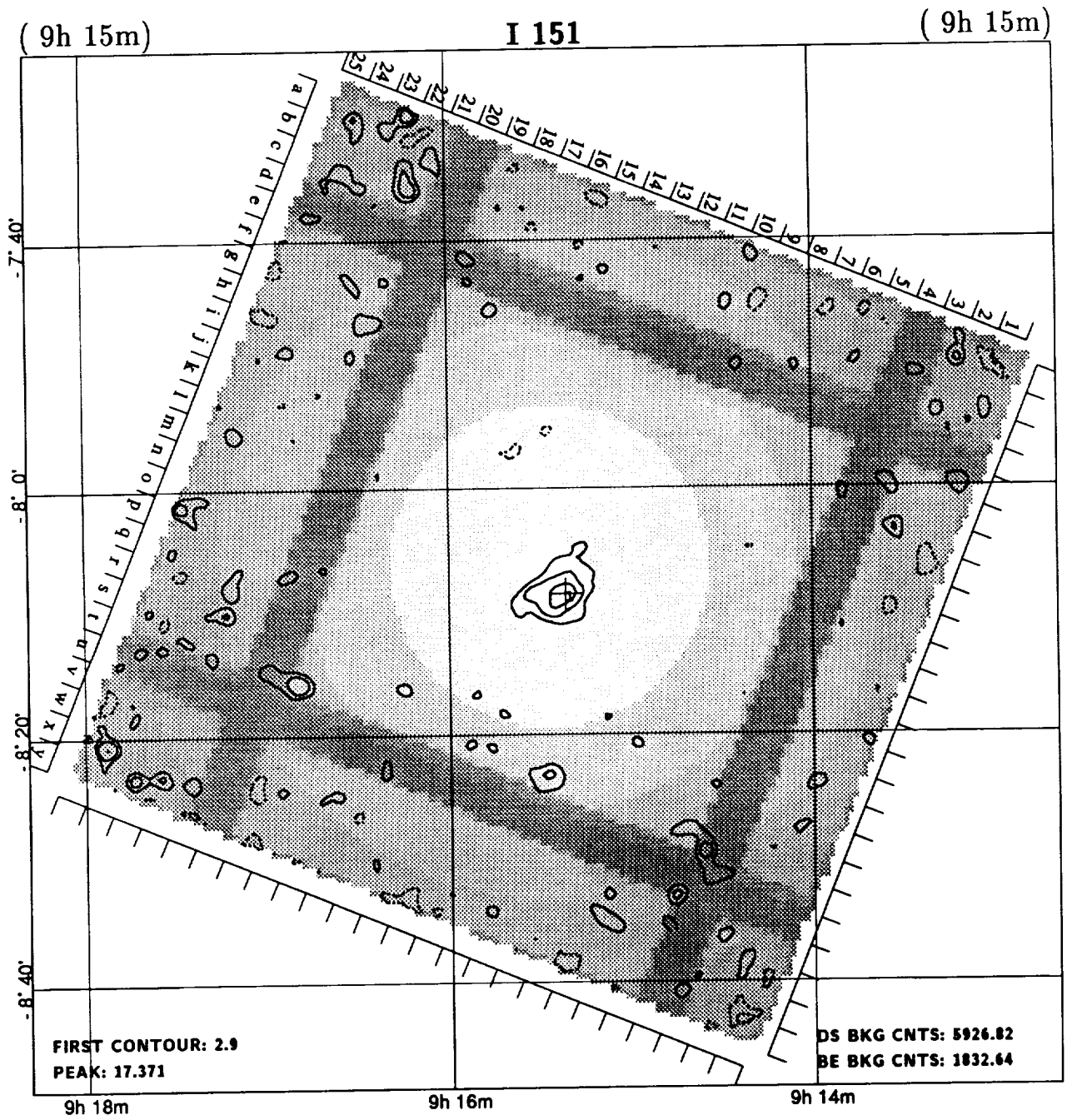
Mispointed

FIELD CENTER: $09^h13^m24.0^s$ $75°01'59''$ (B1950)
$09^h18^m40.4^s$ $74°49'23''$ (J2000)
ℓ: 137.84 b: 35.43

DATE: 1980/266 - 1980/266
LIVETIME: 7951.8s
ROLL ANGLE: -138.1°

NH: 2.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2106	1	09 08 11.9	75 03 48	47	*0.0655	0.0042	258.4	13.6	15.7	1.3	906	20.2	H	
2136	2	09 22 58.2	74 59 31	48	*0.0416	0.0050	81.5	13.5	8.4	1.8	501	37.2	AH	



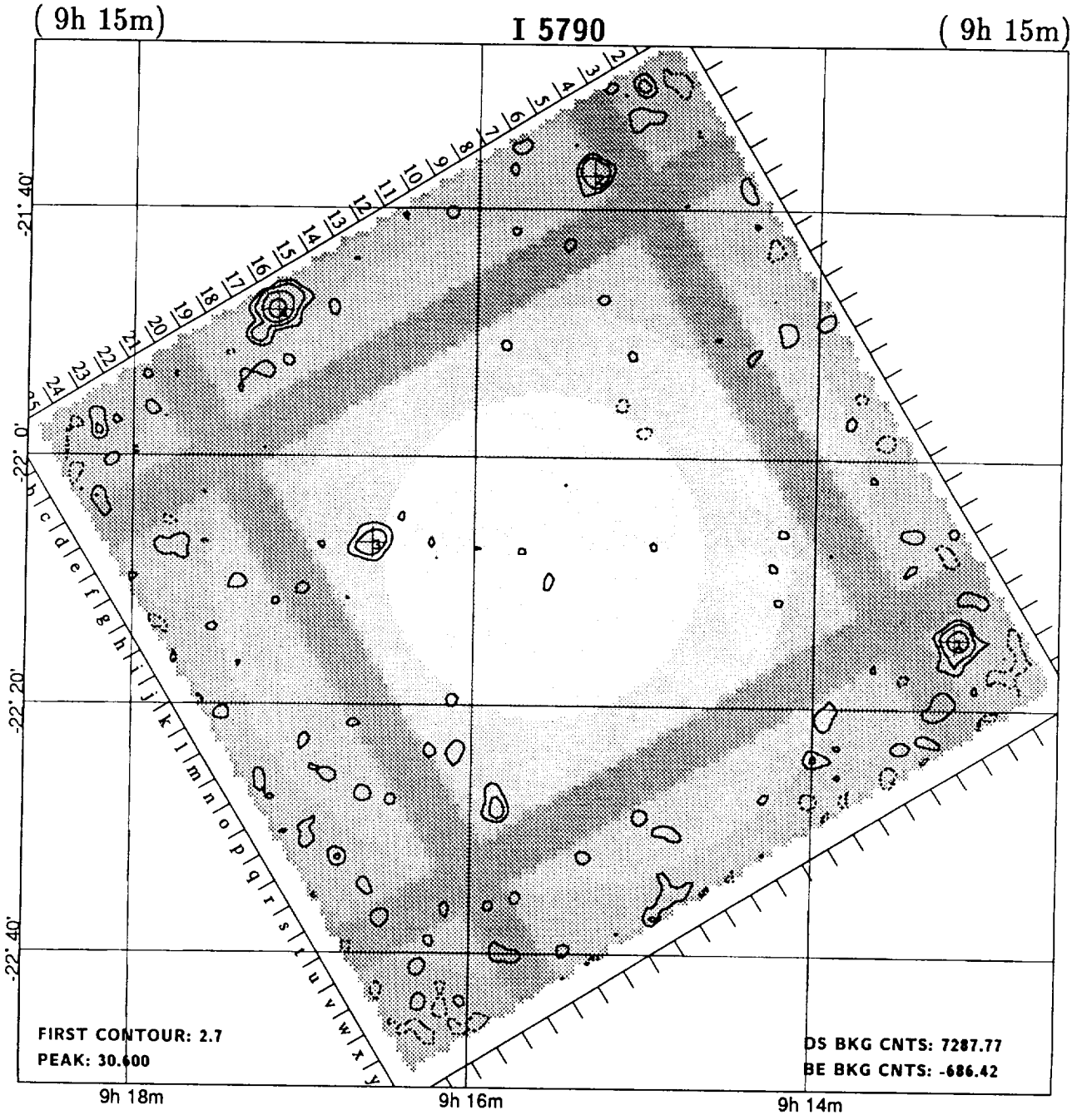
A787 CLUSTER SURFACE BRIGHTNESS

FIELD CENTER: $09^h15^m28.8^s$ $-08°06'35''$ (B1950)
$09^h17^m56.2^s$ $-08°19'14''$ (J2000)
ℓ: 239.55 b: 27.35

DATE: 1981/111 - 1981/111
LIVETIME: 4802.7s
ROLL ANGLE: 112.1°

NH: 3.7E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2115	1L	09 15 21.5	-08 08 31	34	0.0131	0.0033	46.1	44.9	3.8	1.8	0	2.5		



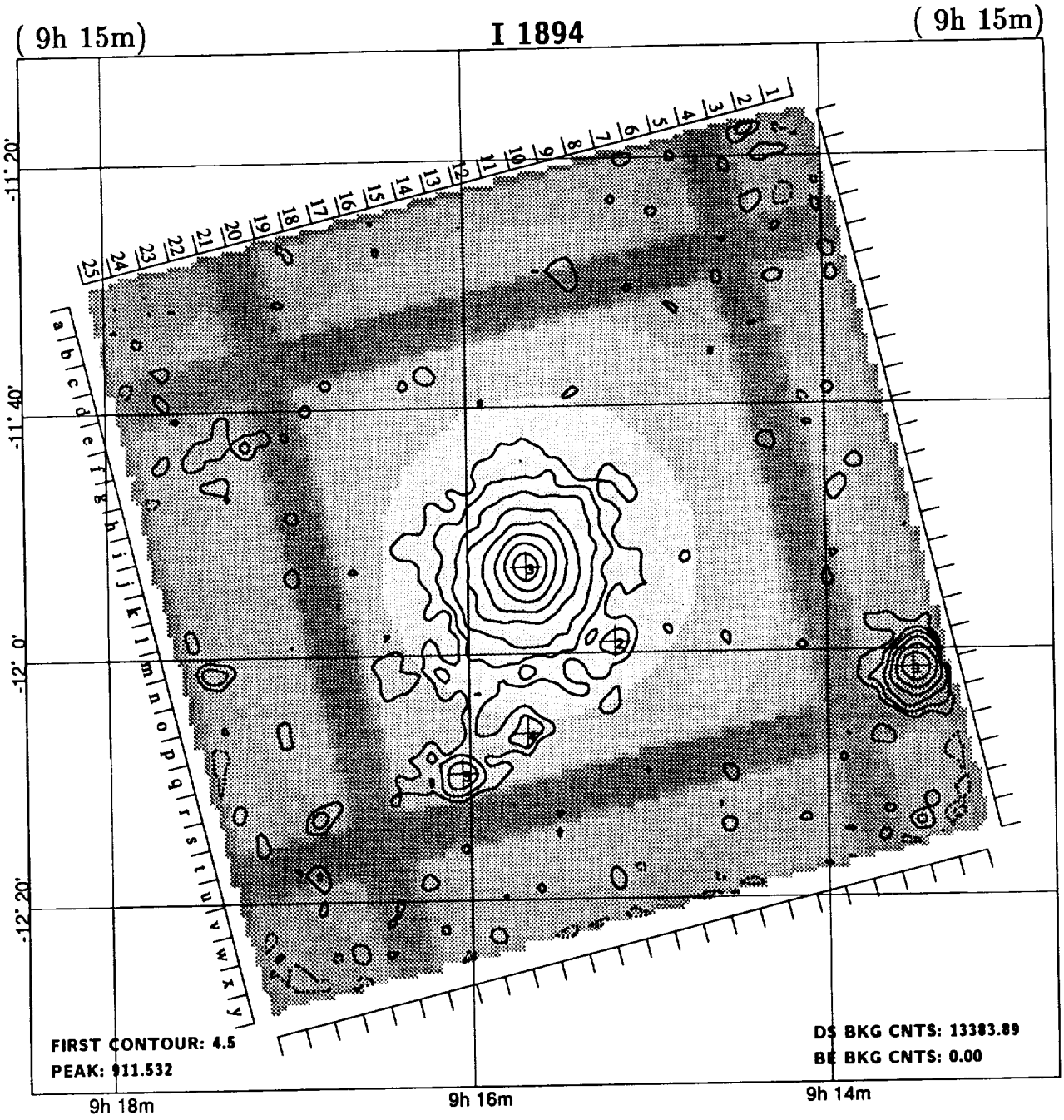
NORMAL GALAXIES: N2835

FIELD CENTER: $09^h15^m36.0^s$ $-22°08'47''$ (B1950)
$09^h17^m51.8^s$ $-22°21'26''$ (J2000)
ℓ: 251.41 b: 18.50

DATE: 1980/158 - 1980/158
LIVETIME: 5905.5s
ROLL ANGLE: 58.7°

NH: 8.3E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2110	1	09 13 11.1	-22 14 24	55	0.0168	0.0036	28.3	8.7	4.6	1.2	500	34.2	H	
2114	2	09 15 19.5	-21 37 19	55	*0.0113	0.0029	22.3	9.7	3.9	0.9	804	31.8	H	
2120	3	09 16 35.8	-22 06 56	42	0.0091	0.0019	32.5	11.5	4.9	0.9	0	14.1	H	
2122	4	09 17 09.8	-21 48 14	50	0.0281	0.0039	59.3	8.7	7.2	1.3	300	30.2	H	



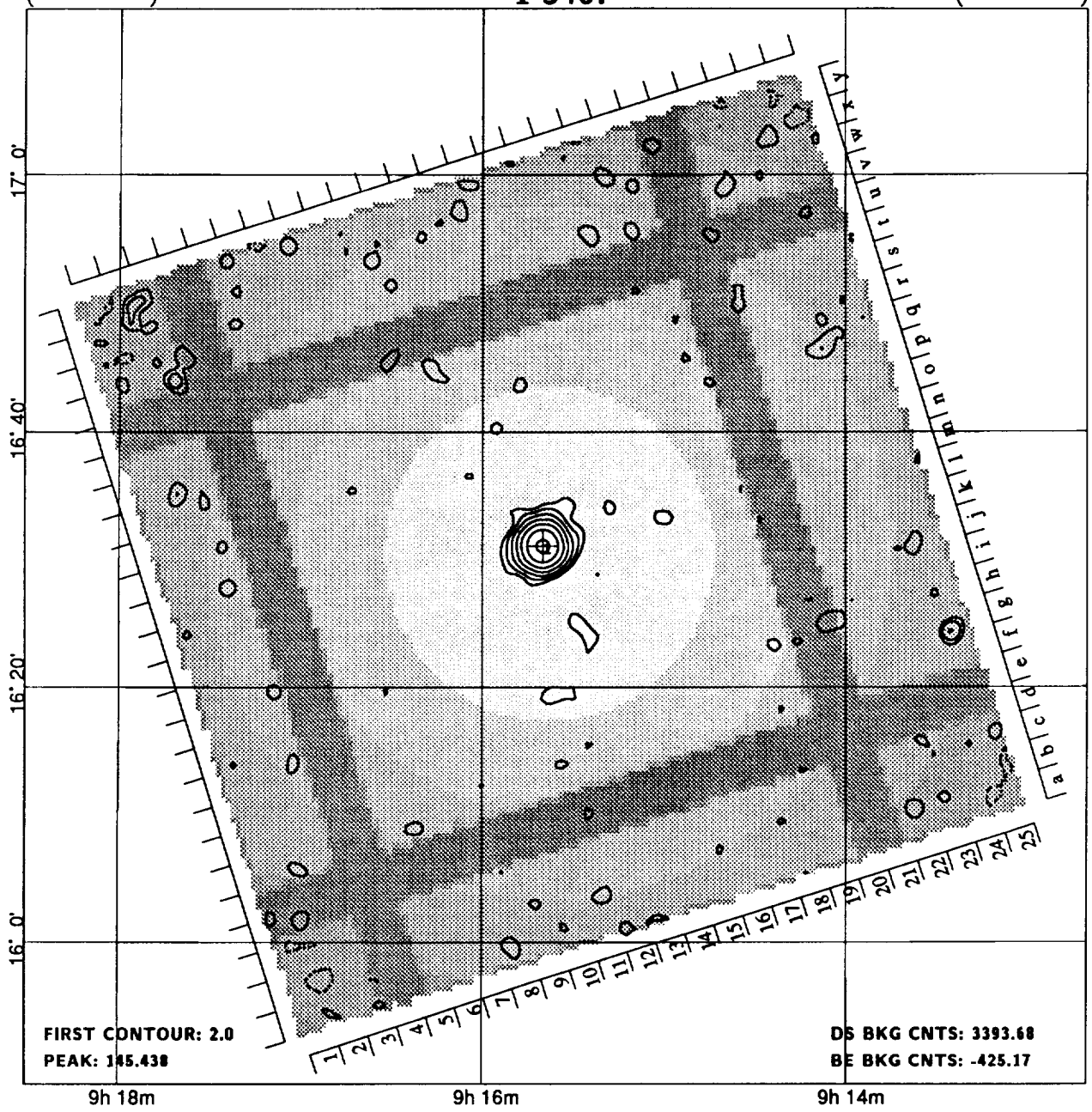
3C218=HY A: X-RAY STUDY OF RADIO GALAXIES

FIELD CENTER: $09^h15^m36.0^s$ $-11°52'59''$ (B1950)
$09^h18^m00.4^s$ $-12°05'38''$ (J2000)
ℓ: 242.91 b: 25.08

DATE: 1980/123 - 1980/123
LIVETIME: 10845.3s
ROLL ANGLE: 76.3°

NH: 4.8E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2112	1L	09 13 31.3	-12 01 26	47	0.1264	0.0080	438.7	102.3	15.5	1.5	600	31.6		
2113	2L	09 15 10.9	-11 59 04	42	0.0059	0.0016	42.9	49.1	3.5	181.4	0	8.6		
2117	3L	09 15 40.4	-11 52 56	31	0.3635	0.0095	2928.2	1275.7	38.0	2.8	0	1.1		
2118	4L	09 15 40.5	-12 06 27	43	0.0066	0.0017	43.5	39.5	3.8	181.6	0	13.5		
2119	5L	09 16 02.6	-12 09 39	48	0.0135	0.0023	78.4	47.6	5.6	83.0	100	17.8		



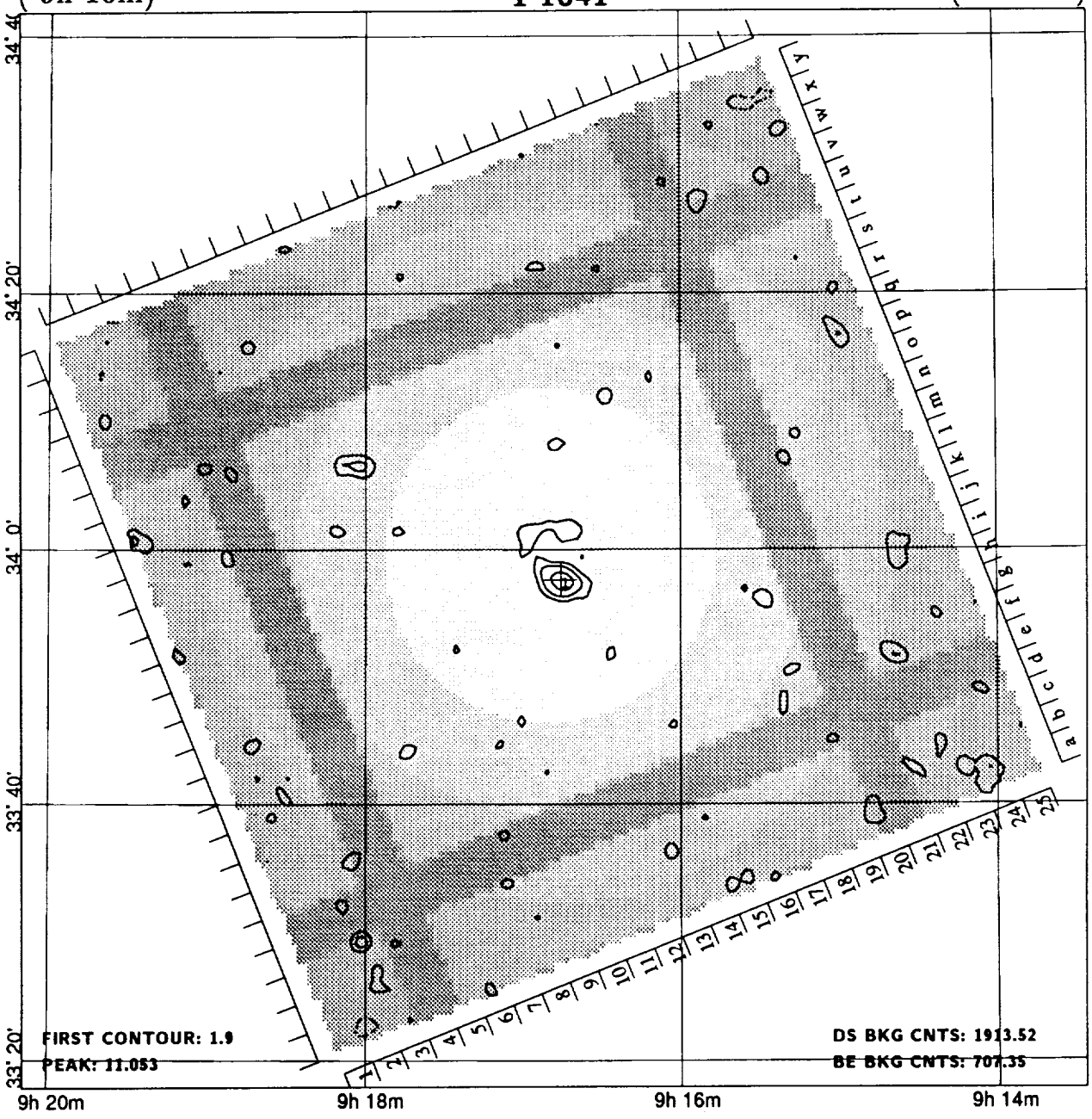
MKN 704,SEYFERT AND ACTIVE NUCLEI GALAXIES

FIELD CENTER: $09^h15^m36.0^s$ $16°30'59''$ **(B1950)**
$09^h18^m22.6^s$ $16°18'20''$ **(J2000)**
ℓ: **213.82** b: **39.71**

DATE: 1979/310 - 1979/317
LIVETIME: 2750.0s
ROLL ANGLE: -107.5°

NH: 3.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2116	1	09 15 39.9	16 30 59	31	0.314	0.012	642.5	6.5	25.2	1.2	0	0.9	H	SY



A779: X-RAY STUDY OF CLUSTERS OF GALAXIES

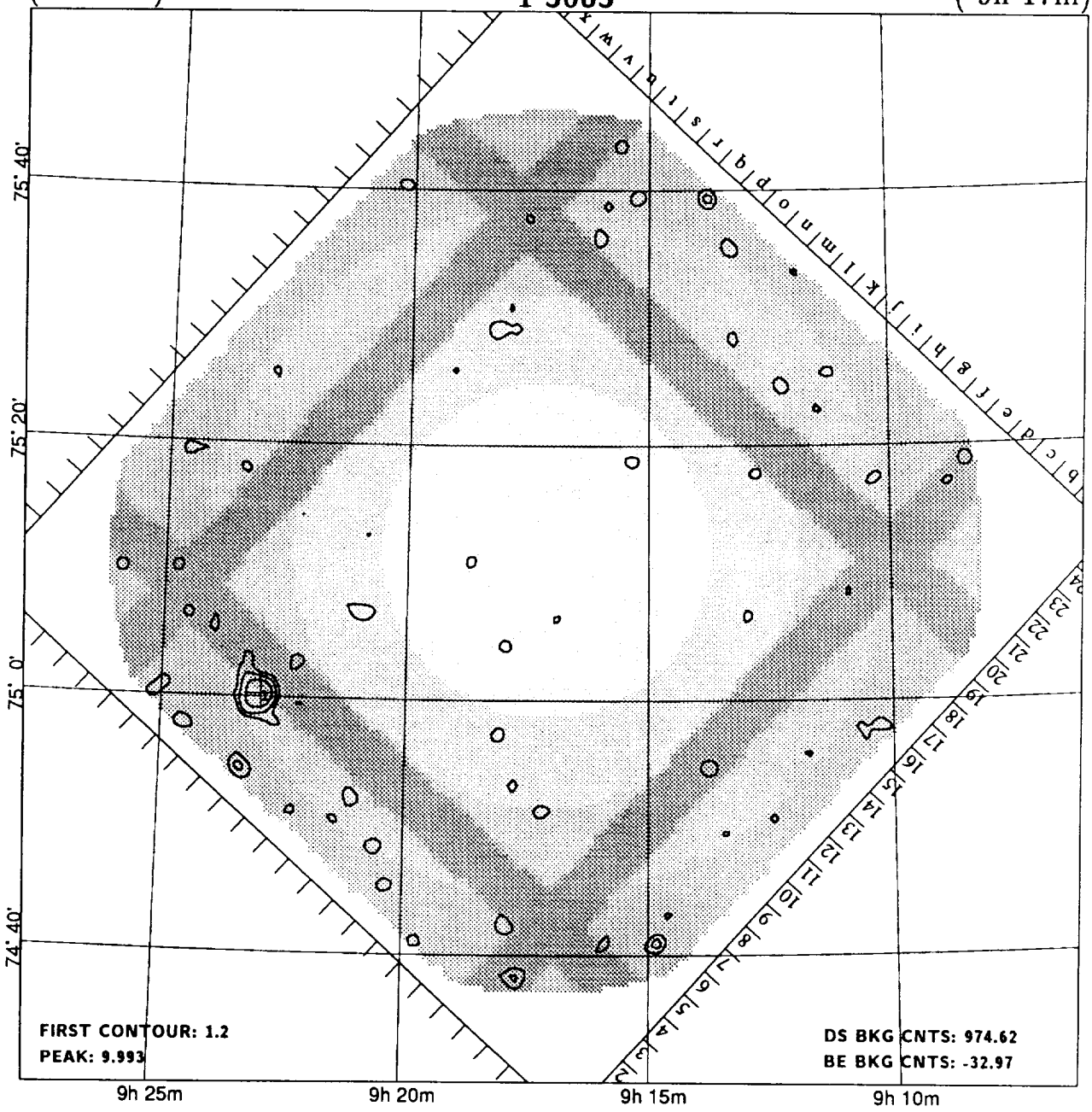
FIELD CENTER: $09^h16^m48.0^s$ $33°59'59''$ (B1950) | $09^h19^m50.8^s$ $33°47'17''$ (J2000) | ℓ: 191.04 b: 44.41

DATE: 1979/297 - 1979/297 | **LIVETIME:** 1550.6s | **ROLL ANGLE:** -111.6°

NH: 1.7E+20 | **REF/ID:** ! | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2121	1	09 16 45.6	33 57 37	35	0.0399	0.0064	45.6	7.4	6.3	1.1	0	2.6	H	CLG

(9h 17m) **I 3083** (9h 17m)



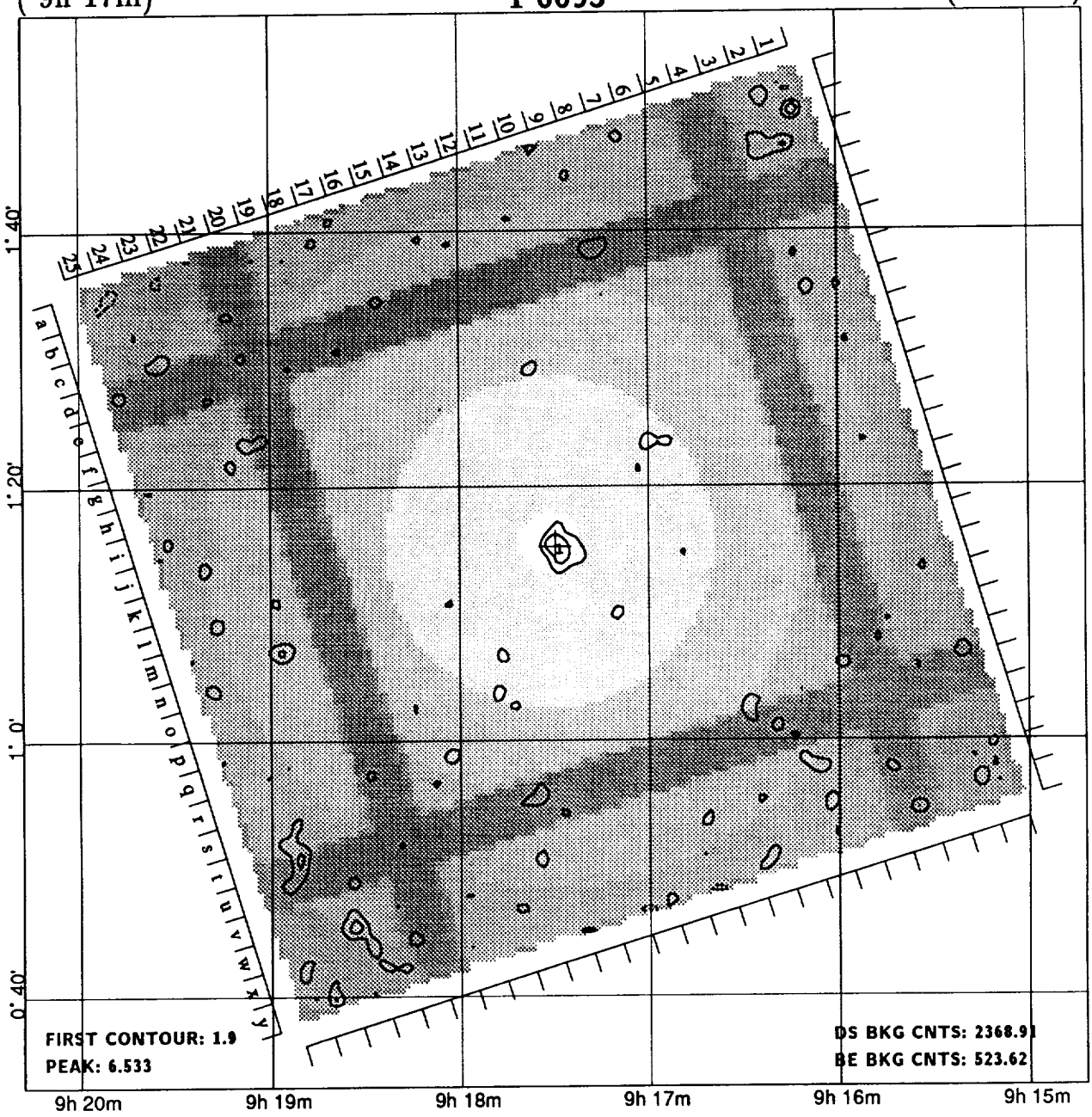
RADIO SOURCES WITH STEEP SPECTRA: NB75.19

FIELD CENTER: $09^h17^m00.0^s$ $75°11'59''$ **(B1950)**
$09^h22^m15.3^s$ $74°59'13''$ **(J2000)**
ℓ: **137.52** b: **35.55**

DATE: 1979/267 - 1979/267
LIVETIME: 789.8s
ROLL ANGLE: -137.7°

NH: 2.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2136	1	09 22 57.8	75 00 15	51	*0.070	0.015	23.4	1.6	4.7	1.1	803	25.9	AH	



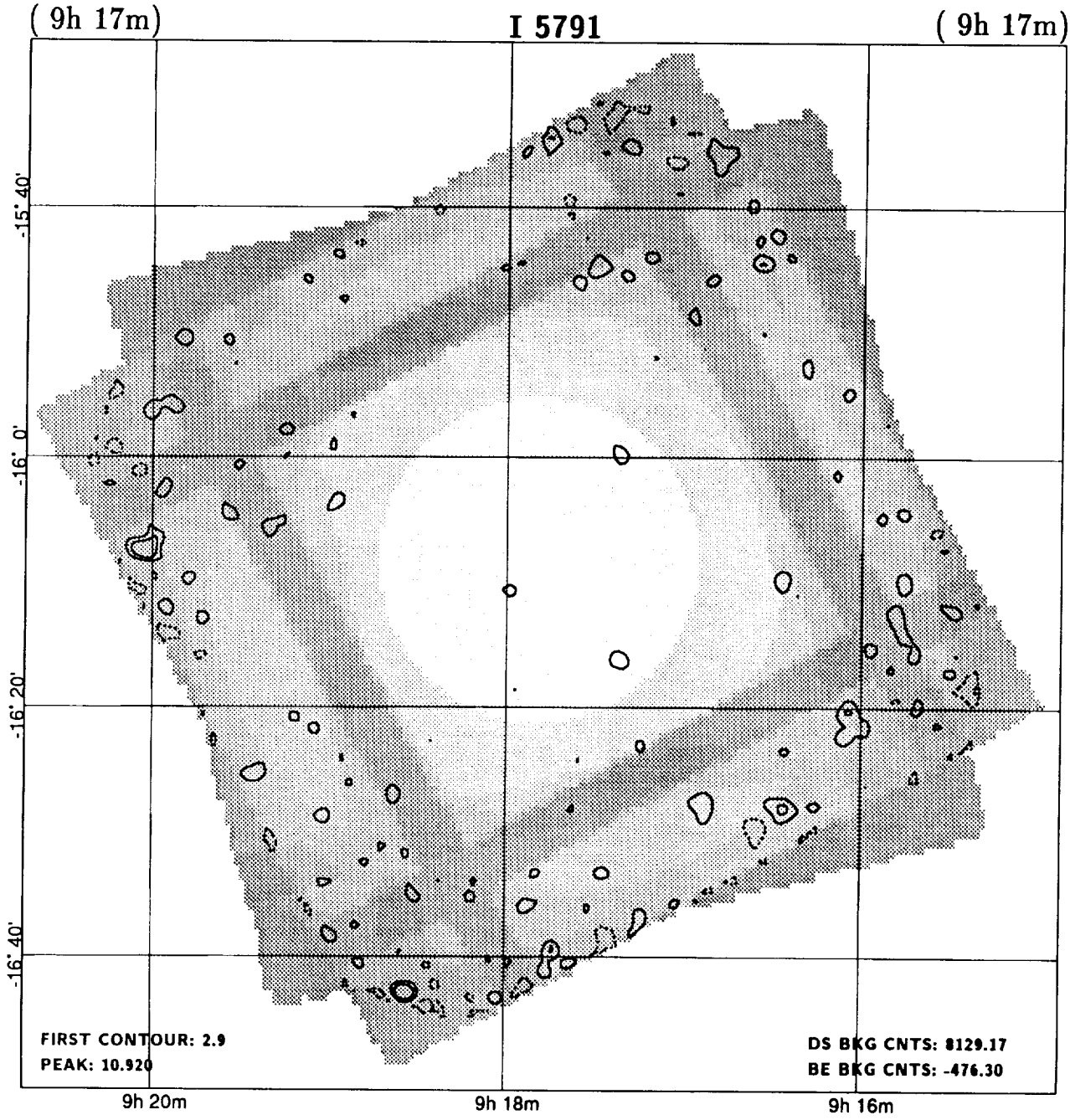
MKW 1S: CD GALAXIES IN POOR CLUSTERS

FIELD CENTER: $09^h17^m30.0^s$ $01°14'59''$ (B1950)
$09^h20^m04.6^s$ $01°02'15''$ (J2000)
ℓ: 230.96 b: 33.08

DATE: 1980/128 - 1980/128
LIVETIME: 1988.5s
ROLL ANGLE: 72.8°

NH: 2.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2123	1	09 17 29.7	01 15 15	36	0.0156	0.0037	23.1	6.9	4.2	1.0	0	0.2	H	CLG

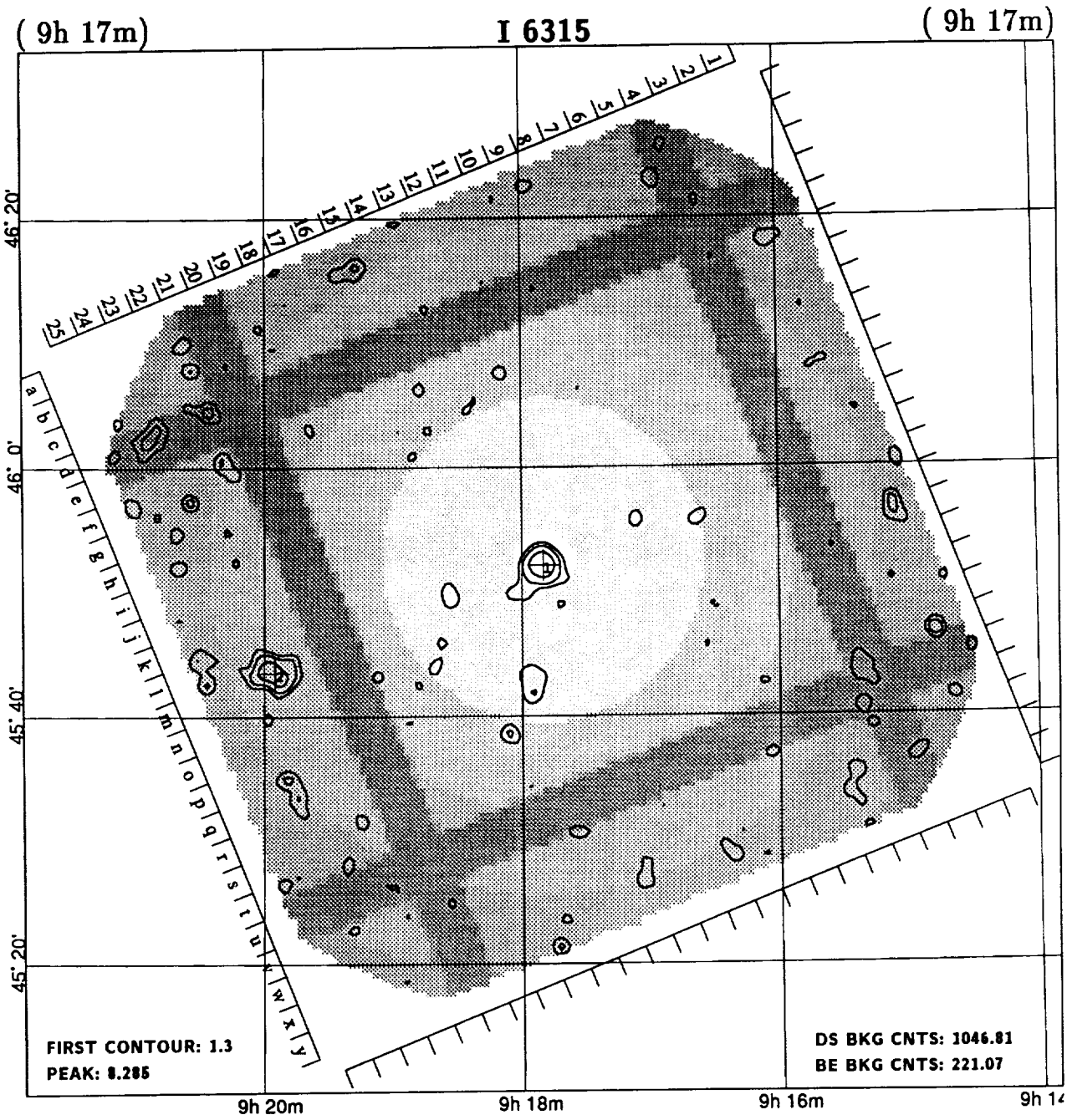


NORMAL GALAXIES: N2848

FIELD CENTER: $09^h17^m48.0^s$ $-16°08'47''$ (B1950)
$09^h20^m09.1^s$ $-16°21'32''$ (J2000)
ℓ: 246.90 b: 22.81

DATE: 1980/125 - 1980/157
LIVETIME: 6587.3s

NH: 5.1E+20
REF/ID:
FIELD FLAGS:



3CR 219, 3CR RADIO GAL. W/SEYFERT-LIKE OPT. SPECTRA

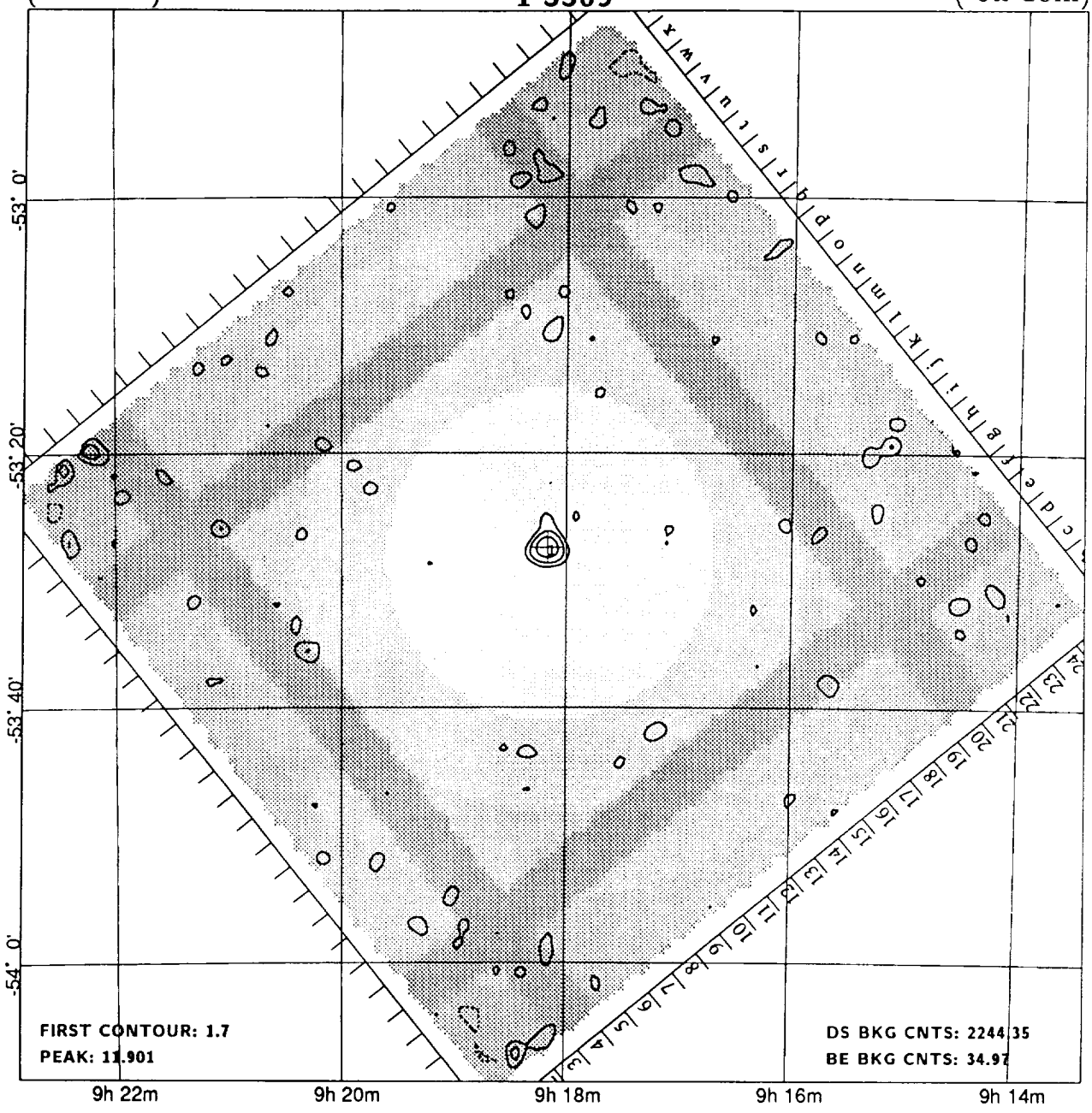
FIELD CENTER: $09^h17^m50.7^s$ $45°51'43''$ (B1950)
$09^h21^m08.6^s$ $45°38'57''$ (J2000)
ℓ: 174.36 b: 44.76

DATE: 1980/115 - 1980/115
LIVETIME: 878.7s
ROLL ANGLE: 68.3°

NH: 1.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2124	1	09 17 50.0	45 52 06	35	0.0532	0.0094	34.8	3.2	5.7	1.1	0	0.4	H	G
2128	2	09 19 55.0	45 43 29	52	0.055	0.012	21.8	2.2	4.4	1.2	0	23.6	H	

(9h 18m) **I 5309** (9h 18m)



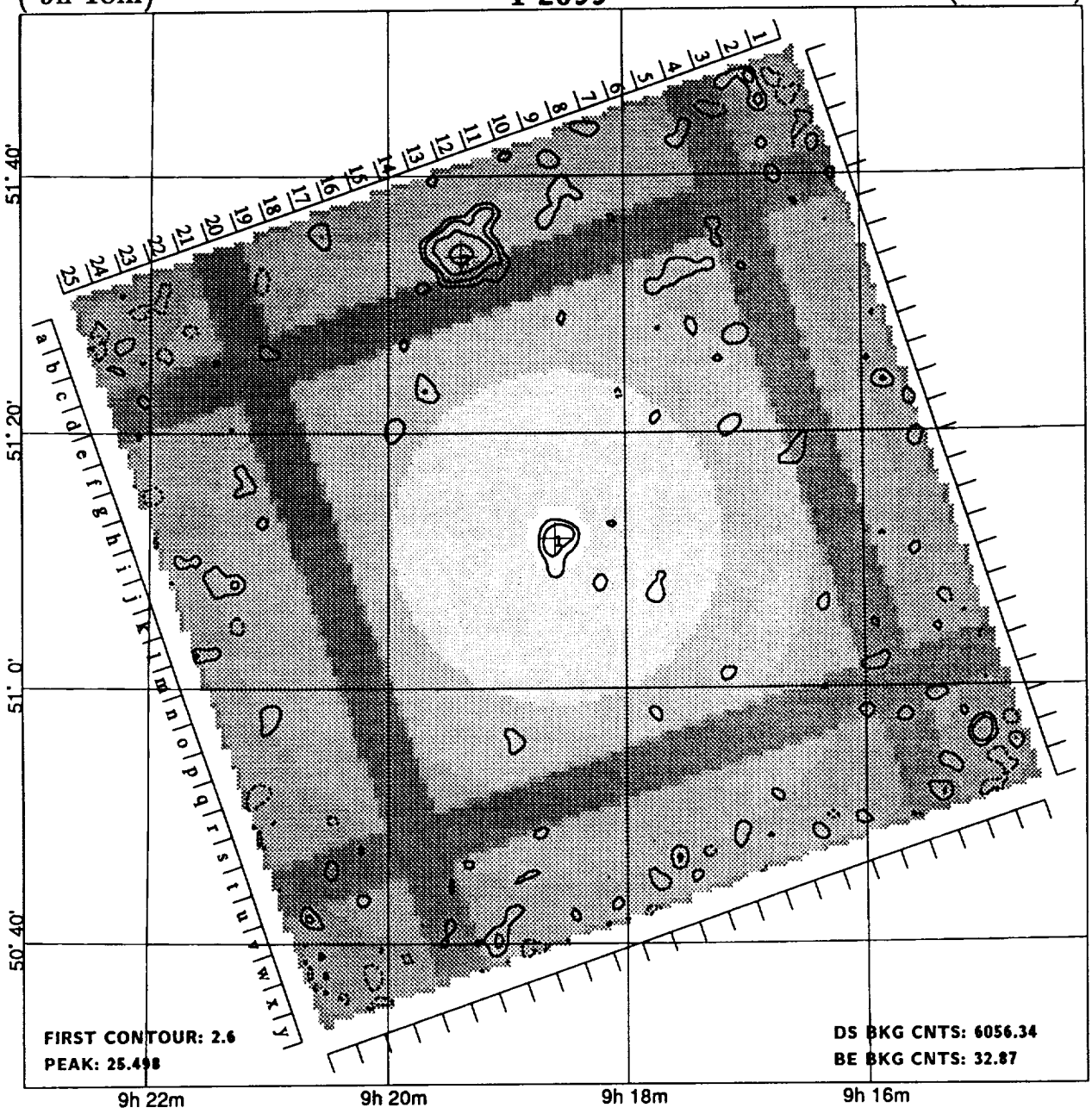
SEARCH FOR YOUNG GALACTIC SNR

FIELD CENTER: $09^h18^m07.2^s$ -53°27′21″ (B1950)
$09^h19^m42.4^s$ -53°40′06″ (J2000)
ℓ: 274.68 b: -2.84

DATE: 1979/349 - 1979/349
LIVETIME: 1818.7s
ROLL ANGLE: -129.1°

NH: 1.6E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2125	1	09 18 10.0	-53 27 28	35	0.0308	0.0051	41.7	5.3	6.1	0.9	0	0.7	H	



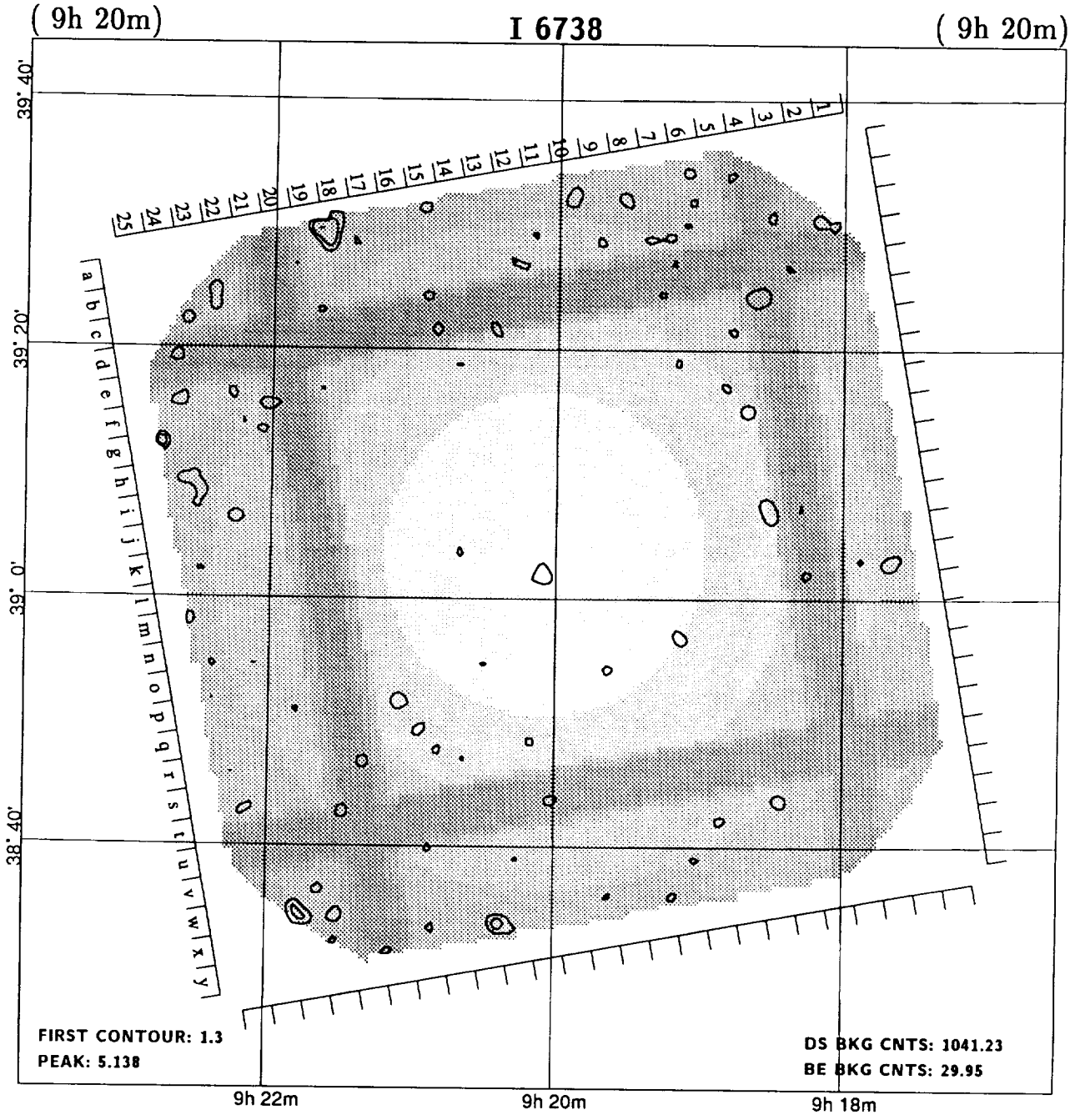
X-RAY SURVEY OF NORMAL GALAXIES: NGC2841

FIELD CENTER: $09^h18^m36.0^s$ $51°10'59''$ (B1950)
$09^h22^m02.8^s$ $50°58'11''$ (J2000)
ℓ: 166.95 b: 44.15

DATE: 1979/120 - 1979/120
LIVETIME: 4907.7s
ROLL ANGLE: 71.1°

NH: 1.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2126	1	09 18 35.9	51 11 38	35	0.0113	0.0021	41.3	15.7	5.5	1.1	0	0.7	H	G
2127	2	09 19 23.0	51 33 40	50	*0.0351	0.0042	78.9	9.1	8.4	1.9	601	24.1	H	AGN

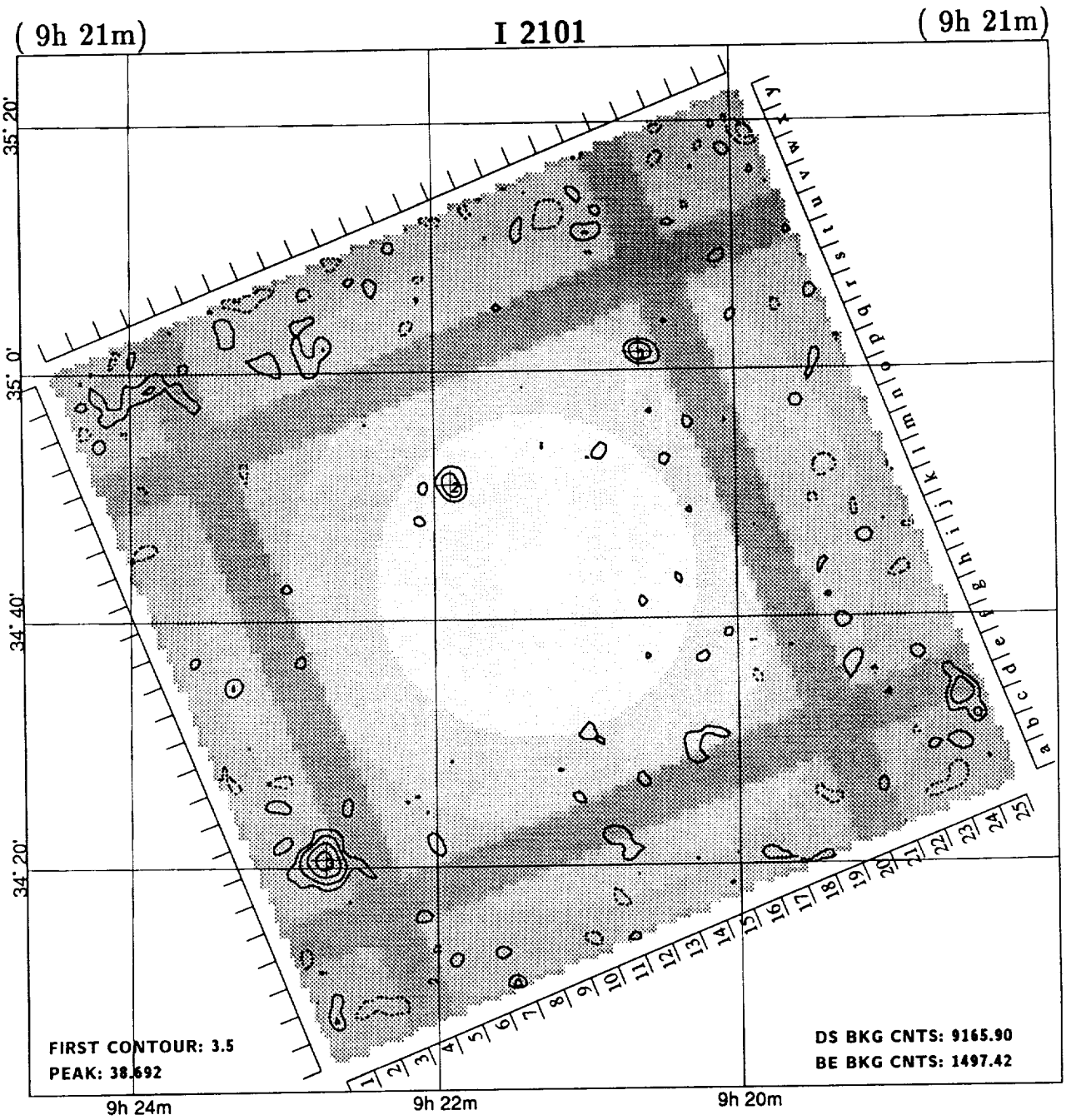


SEARCH FOR HIGH LX QSO'S: 14

FIELD CENTER: $09^h20^m06.3^s$ $39°02'31''$ (B1950)
$09^h23^m14.4^s$ $38°49'39''$ (J2000)
ℓ: 184.00 b: 45.42

DATE: 1980/136 - 1980/136
LIVETIME: 843.7s
ROLL ANGLE: 79.8°

NH: 1.5E+20
REF/ID:
FIELD FLAGS:



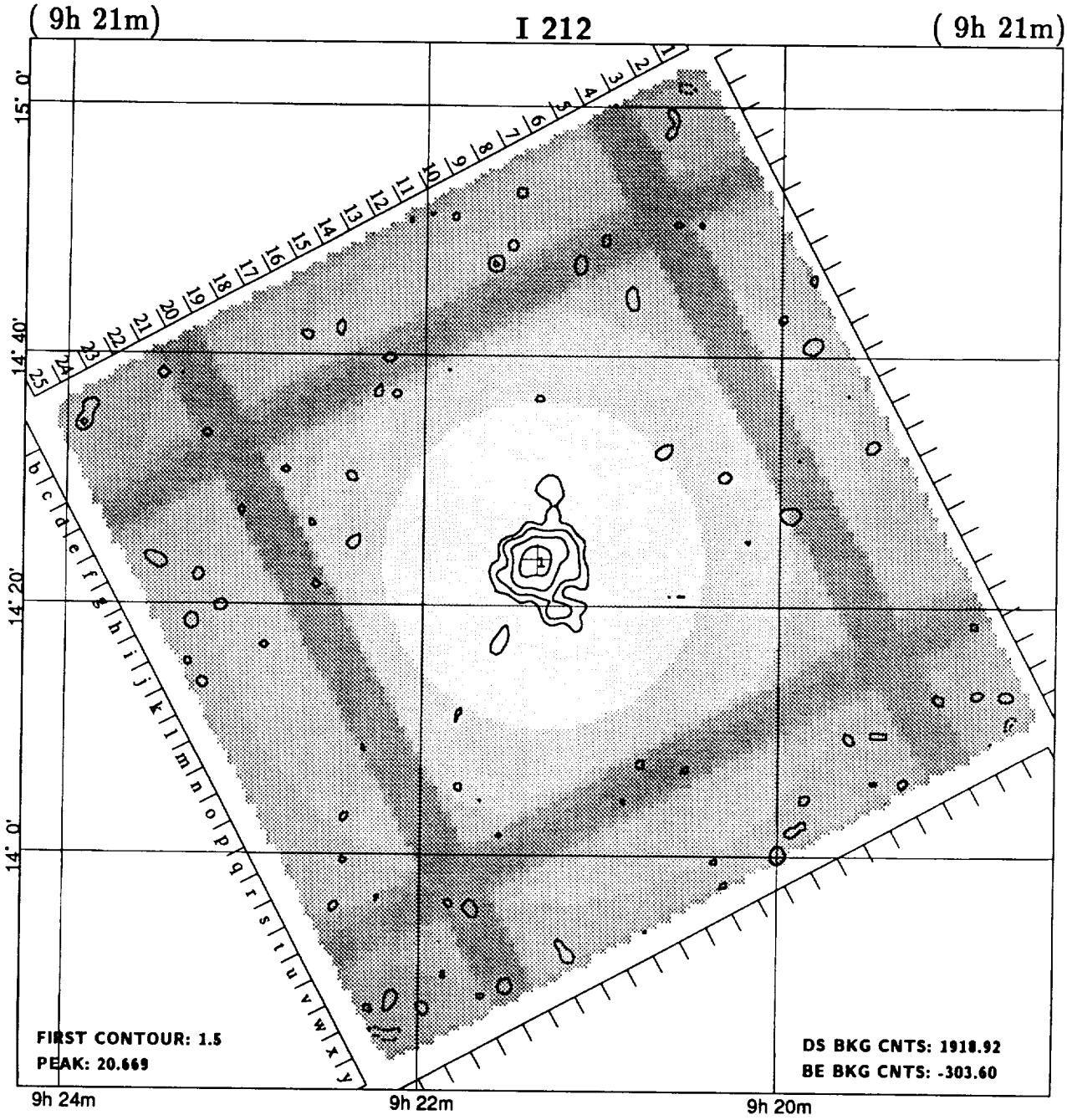
X-RAY SURVEY OF NORMAL GALAXIES: NGC2859

FIELD CENTER: $09^h21^m18.0^s$ $34°43'59''$ (B1950)
$09^h24^m20.9^s$ $34°31'04''$ (J2000)
ℓ: 190.15 b: 45.41

DATE: 1979/298 - 1979/299
LIVETIME: 7427.4s
ROLL ANGLE: -112.0°

NH: 1.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2130	1	09 20 38.0	35 01 27	51	0.0072	0.0018	27.4	19.6	4.0	0.8	400	19.3	H	
2133	2	09 21 53.5	34 50 56	42	0.0077	0.0016	37.7	26.3	4.7	0.8	0	10.2	H	BL
2135	3	09 22 44.0	34 20 39	50	*0.0286	0.0035	79.1	15.9	8.1	1.3	601	29.1	H	



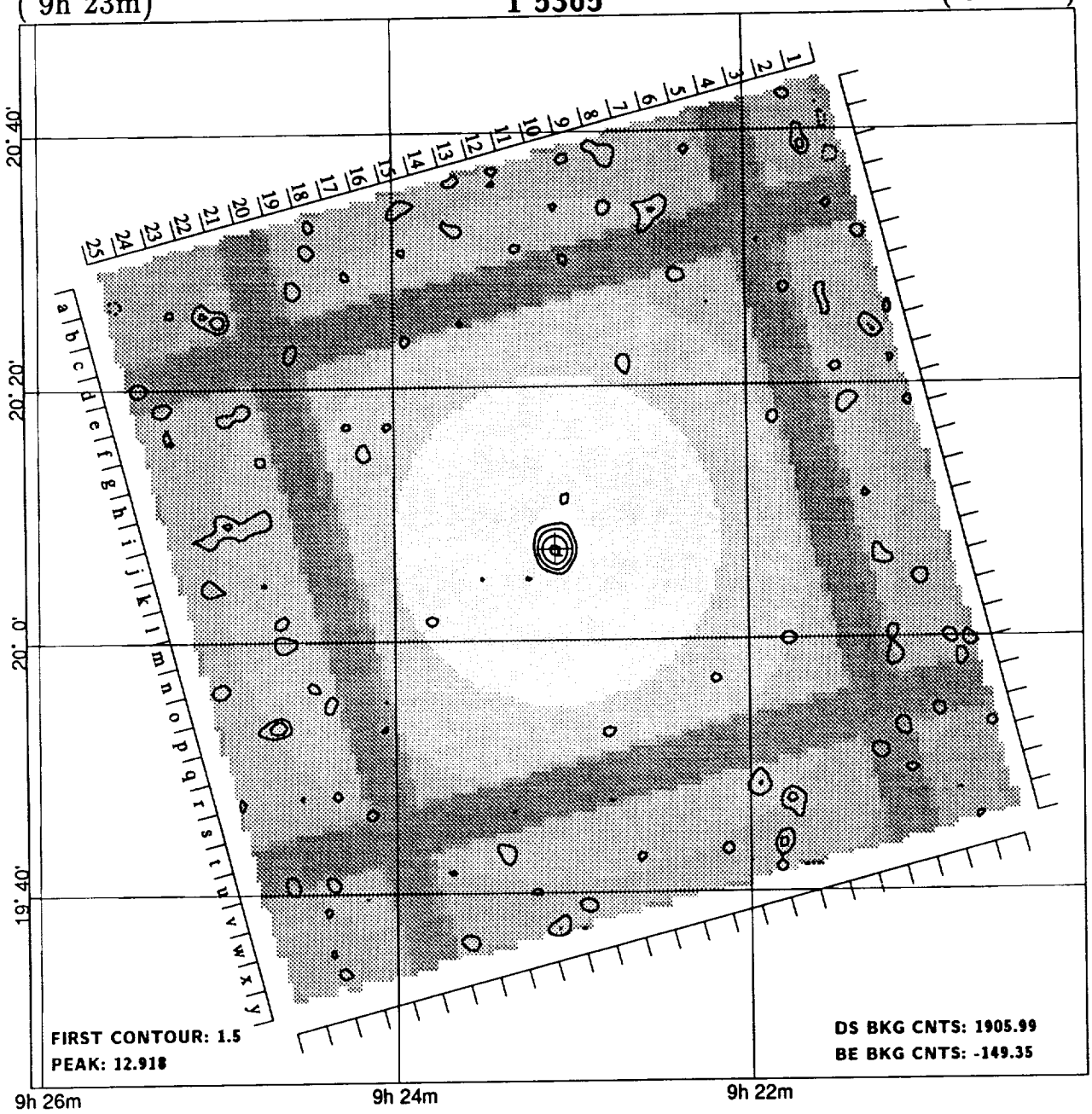
A 795 CLUSTER EVOLUTION

FIELD CENTER: $09^h21^m21.0^s$ $14°22'59''$ (B1950)
$09^h24^m05.5^s$ $14°10'04''$ (J2000)
ℓ: 217.08 b: 40.15

DATE: 1979/141 - 1979/141
LIVETIME: 1554.9s
ROLL ANGLE: 61.9°

NH: 3.6E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2131	1	09 21 21.5	14 23 41	31	0.0812	0.0086	94.0	4.0	9.5	2.4	0	0.7	H	CLG



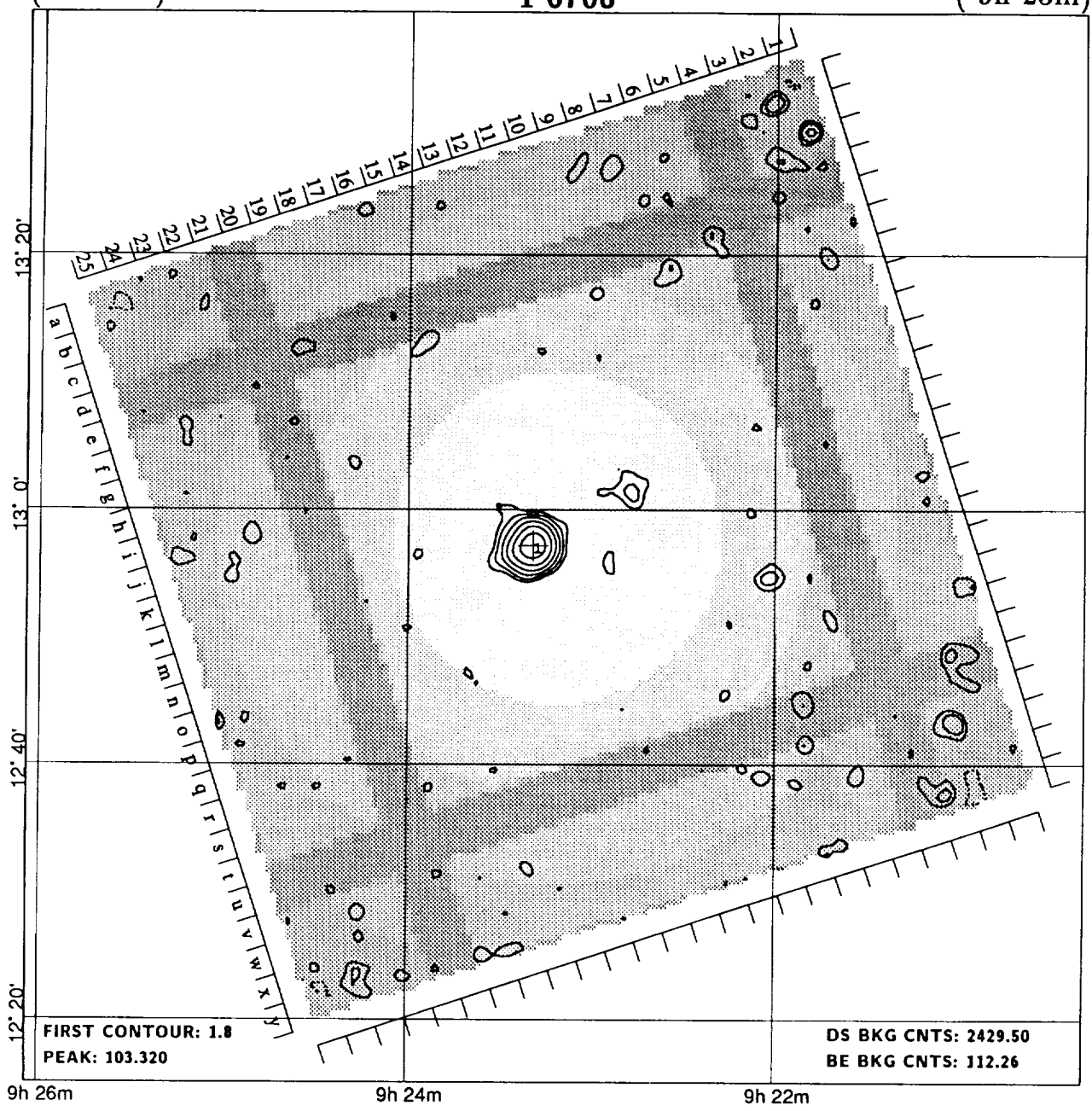
SURVEY OF BRIGHT QUASARS (PG)

FIELD CENTER: $09^h23^m05.6^s$ $20°07'05''$ (B1950)
$09^h25^m54.6^s$ $19°54'05''$ (J2000)
ℓ: 210.18 b: 42.65

DATE: 1980/130 - 1980/130
LIVETIME: 1599.9s
ROLL ANGLE: 75.4°

NH: 3.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2138	1	09 23 05.6	20 07 13	35	0.0425	0.0062	50.6	4.4	6.8	1.0	0	0.2	H	Q



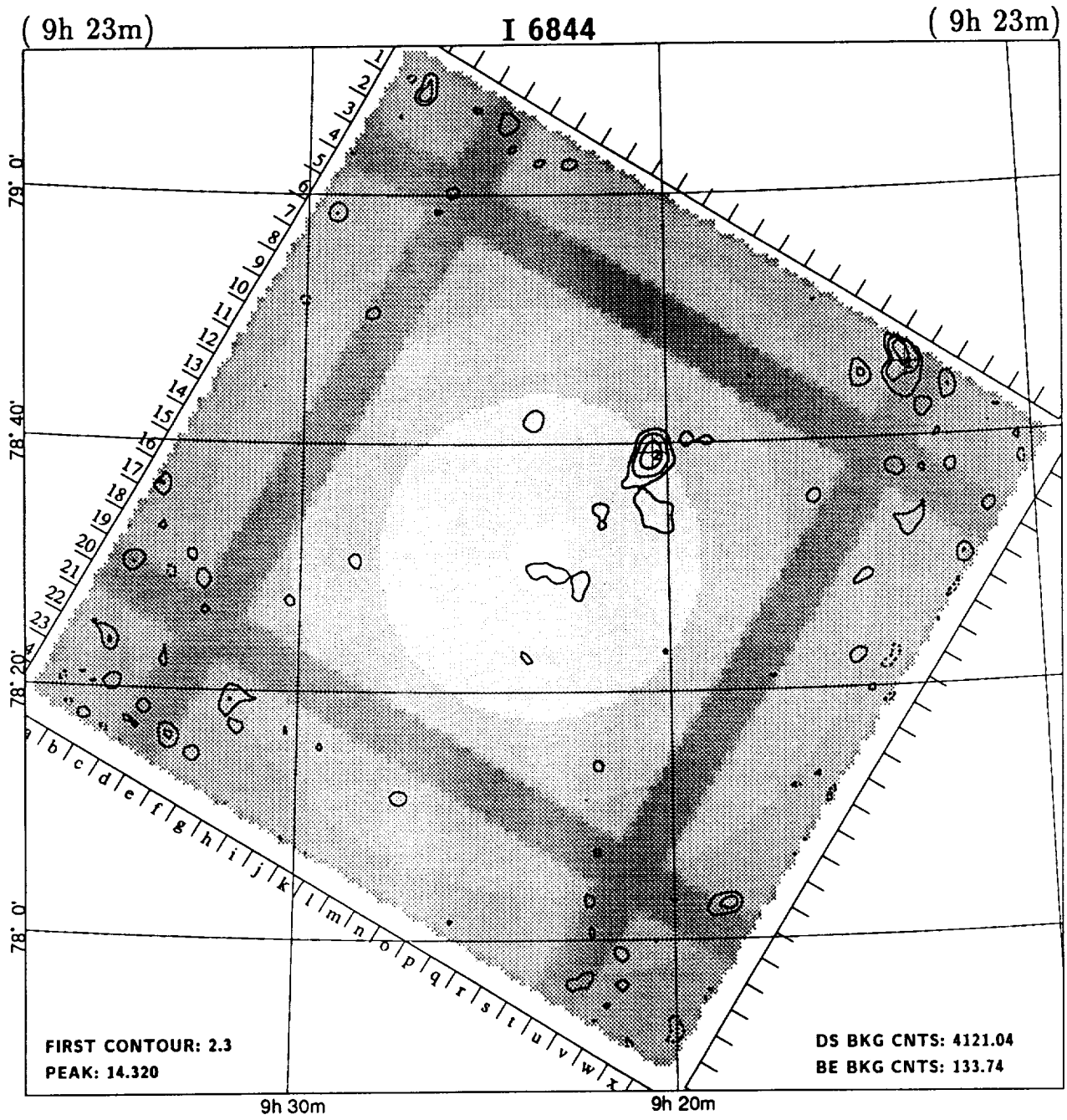
SEYFERT SURVEY: MKN 705

FIELD CENTER: $09^h23^m12.0^s$ $12°56'59''$ (B1950)
$09^h25^m55.3^s$ $12°43'59''$ (J2000)
ℓ: 219.03 b: 39.97

DATE: 1980/129 - 1980/129
LIVETIME: 2039.4s
ROLL ANGLE: 72.0°

NH: 3.5E+20
REF/ID: *
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2139	1	09 23 19.0	12 57 10	31	0.283	0.014	424.5	6.5	20.4	1.3	0	1.7	H	Q



A777,OBSERVATIONS OF BUTCHER-OEMLER CLUSTERS

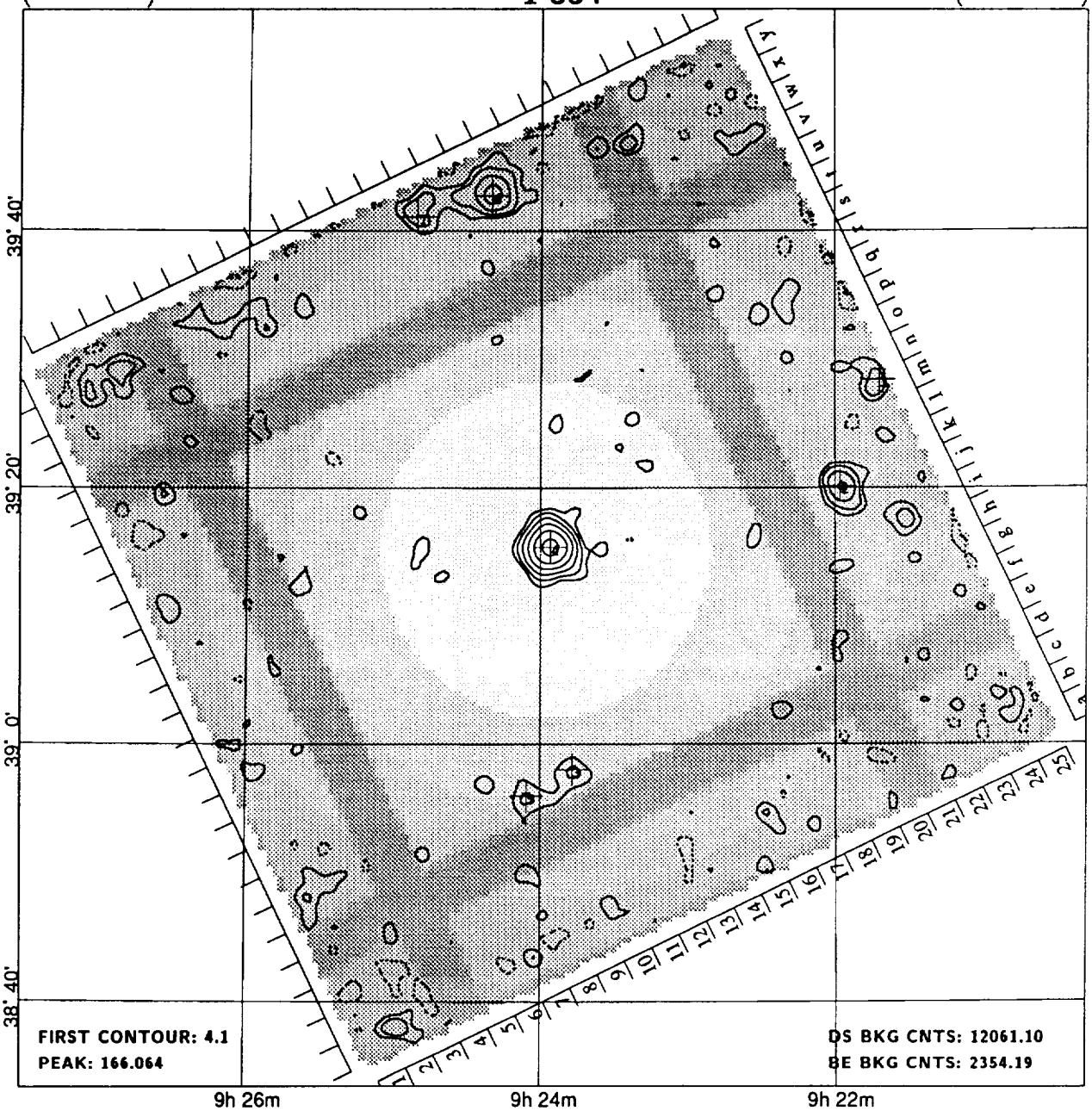
FIELD CENTER: $09^h23^m24.0^s$ $78°29'59''$ (B1950)
$09^h29^m19.7^s$ $78°16'54''$ (J2000)
ℓ: 133.85 b: 34.15

DATE: 1980/ 70 - 1980/ 71
LIVETIME: 3459.3s
ROLL ANGLE: 31.1°

NH: 1.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2111	1	09 13 22.9	78 45 53	57	*0.0222	0.0053	22.4	5.6	4.2	1.2	1004	33.6	H	
2129	2	09 20 24.1	78 39 16	41	0.0243	0.0036	53.3	9.7	6.7	1.4	0	11.7	H	S

(9h 23m) **I 554** (9h 23m)



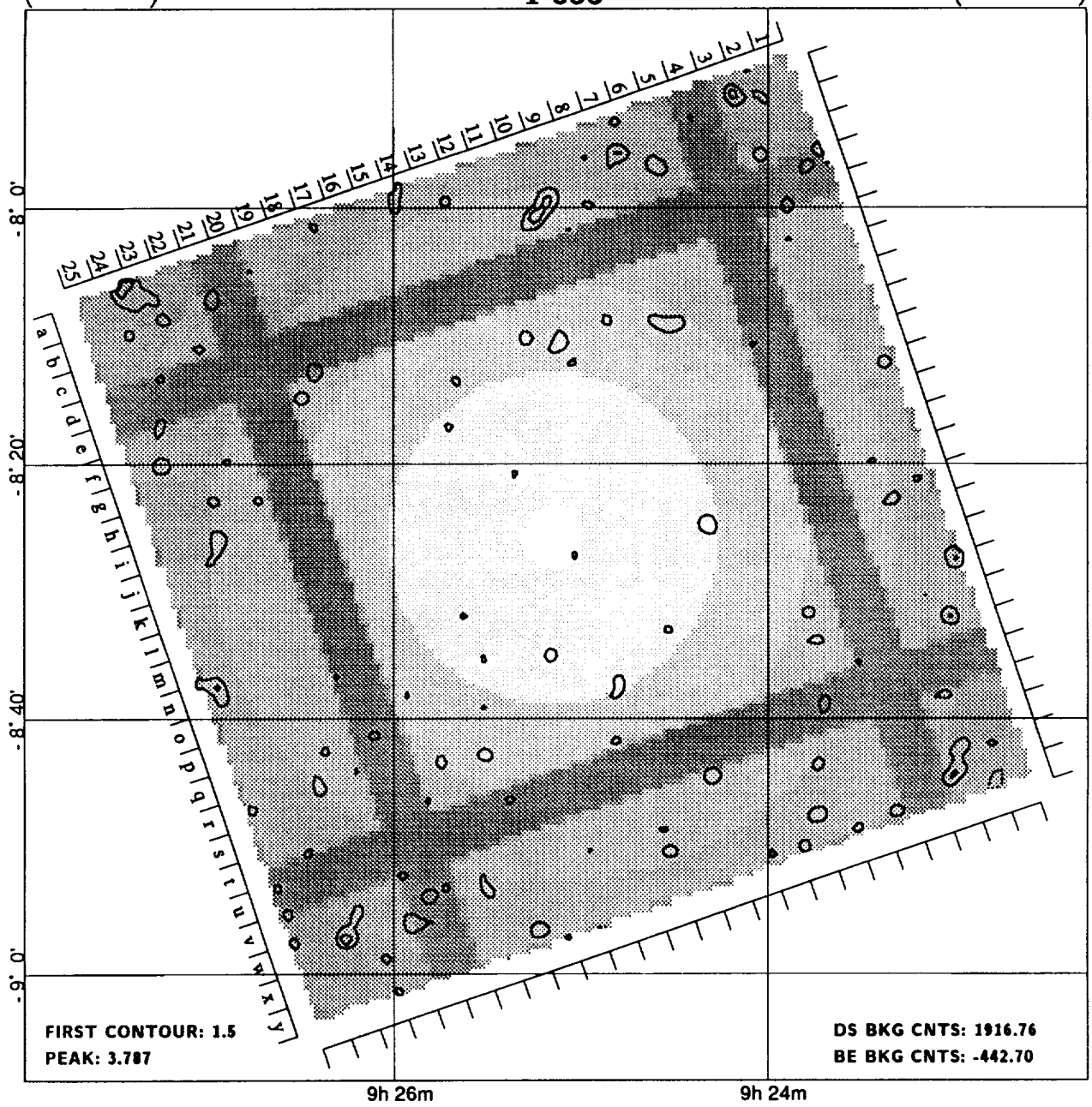
4C 39.25 (QSO 0923+392) QUASAR SURVEY

FIELD CENTER: $09^h23^m55.3^s$ $39°15'22''$ **(B1950)**
$09^h27^m03.0^s$ $39°02'20''$ **(J2000)**
ℓ: **183.71** b: **46.16**

DATE: 1979/292 - 1979/292
LIVETIME: 9773.5s
ROLL ANGLE: -115.8°

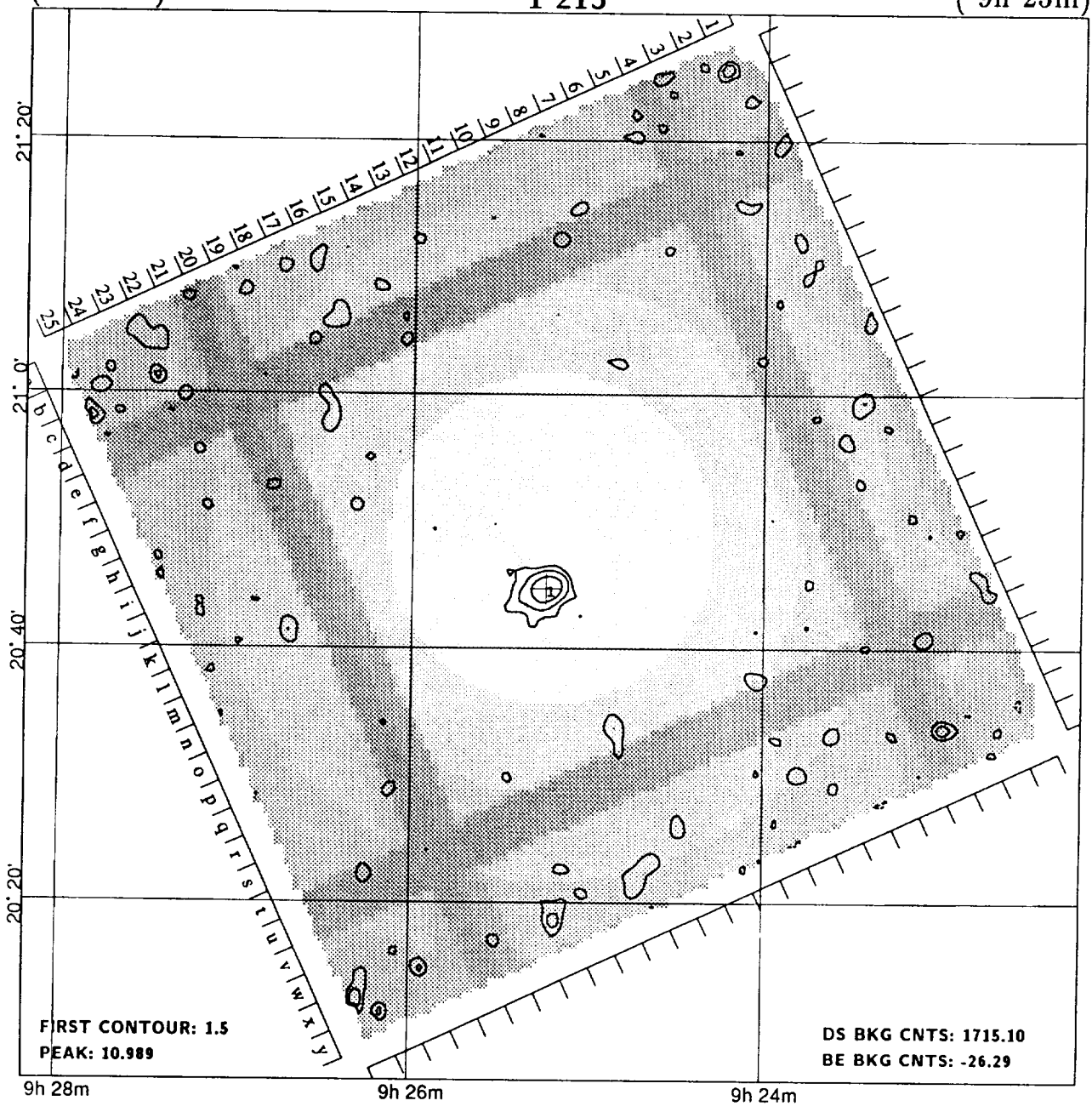
NH: 1.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2132	1	09 21 42.0	39 28 27	55	*0.0137	0.0028	37.5	20.5	4.9	1.1	704	28.9	EH	
2134	2	09 21 58.0	39 20 07	50	0.0190	0.0024	83.8	25.2	8.0	1.0	0	23.3	H	
2140	3	09 23 46.9	38 58 03	55	0.0055	0.0014	30.0	30.0	3.9	1.9	100	17.0	H	
2141	4	09 23 56.0	39 15 23	31	0.0964	0.0037	702.4	36.6	25.8	1.3	0	0.2	H	Q
2142	5	09 24 05.5	38 55 57	56	0.0054	0.0014	27.8	23.2	3.9	1.7	200	19.4	H	
2143	6	09 24 20.3	39 42 44	49	0.0229	0.0028	85.9	26.1	8.1	1.8	0	27.8		S
2144	7	09 24 51.1	39 41 06	56	0.0078	0.0020	29.3	24.7	4.0	5.6	100	27.9	H	



ALPHA HYA (ALPHARD) STELLAR OBSERVATIONS, K STARS

FIELD CENTER:	$09^h25^m07.8^s$ -08°26′26″ (B1950)	DATE: 1979/144 - 1979/144	NH: 3.7E+20
	$09^h27^m35.3^s$ -08°39′32″ (J2000)	LIVETIME: 1553.2s	REF/ID:
	ℓ: 241.49 b: 29.05	ROLL ANGLE: 71.2°	FIELD FLAGS:



A 801 CLUSTER EVOLUTION

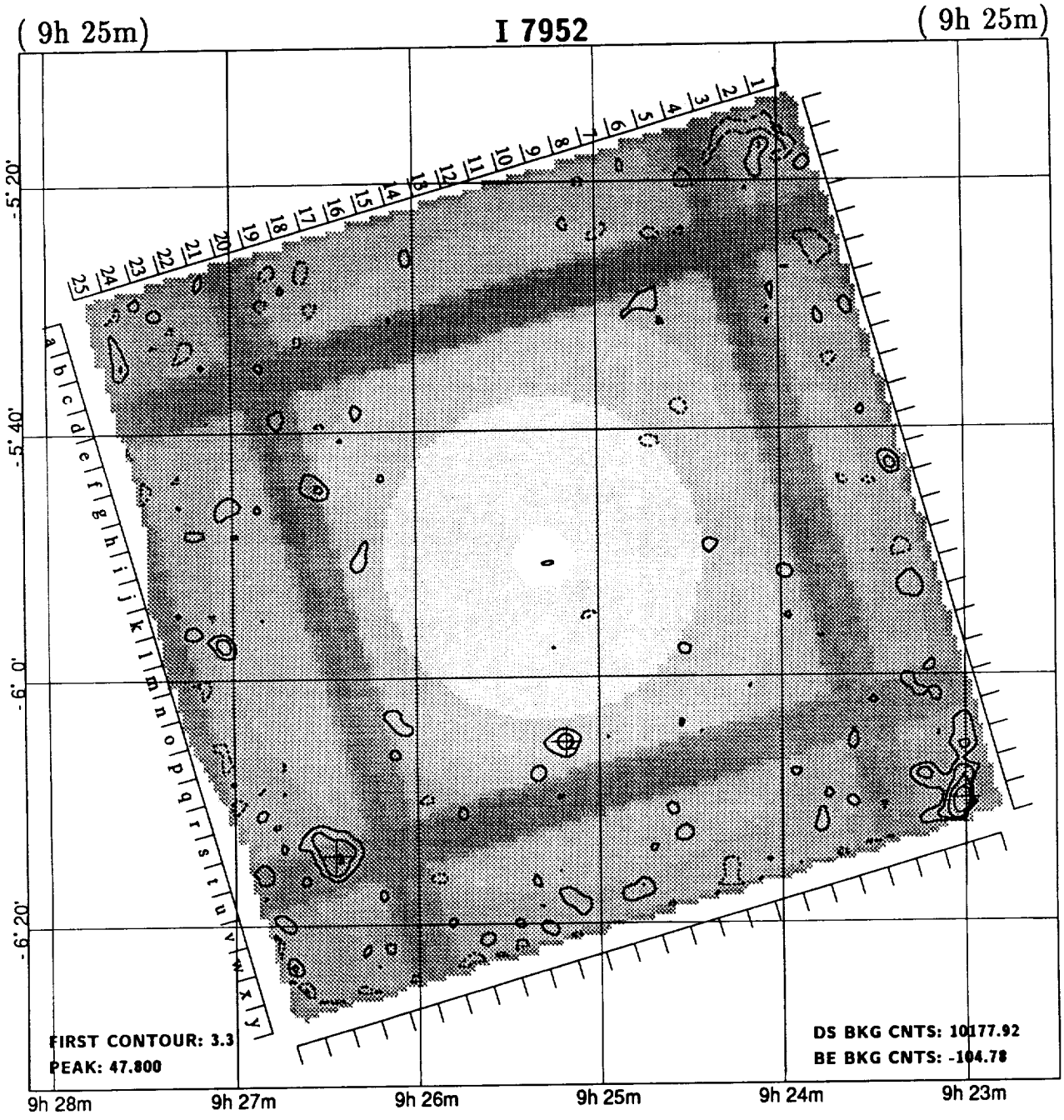
FIELD CENTER: $09^h25^m12.0^s$ $20°47'59''$ (B1950)
$09^h28^m01.4^s$ $20°34'53''$ (J2000)
ℓ: 209.51 b: 43.34

DATE: 1980/130 - 1980/130
LIVETIME: 1439.7s
ROLL ANGLE: 65.3°

NH: 3.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2146	1	09 25 14.1	20 44 44	35	0.0409	0.0066	42.7	4.3	6.2	1.3	0	3.4	H	CLG

(9h 25m) **I 7952** (9h 25m)



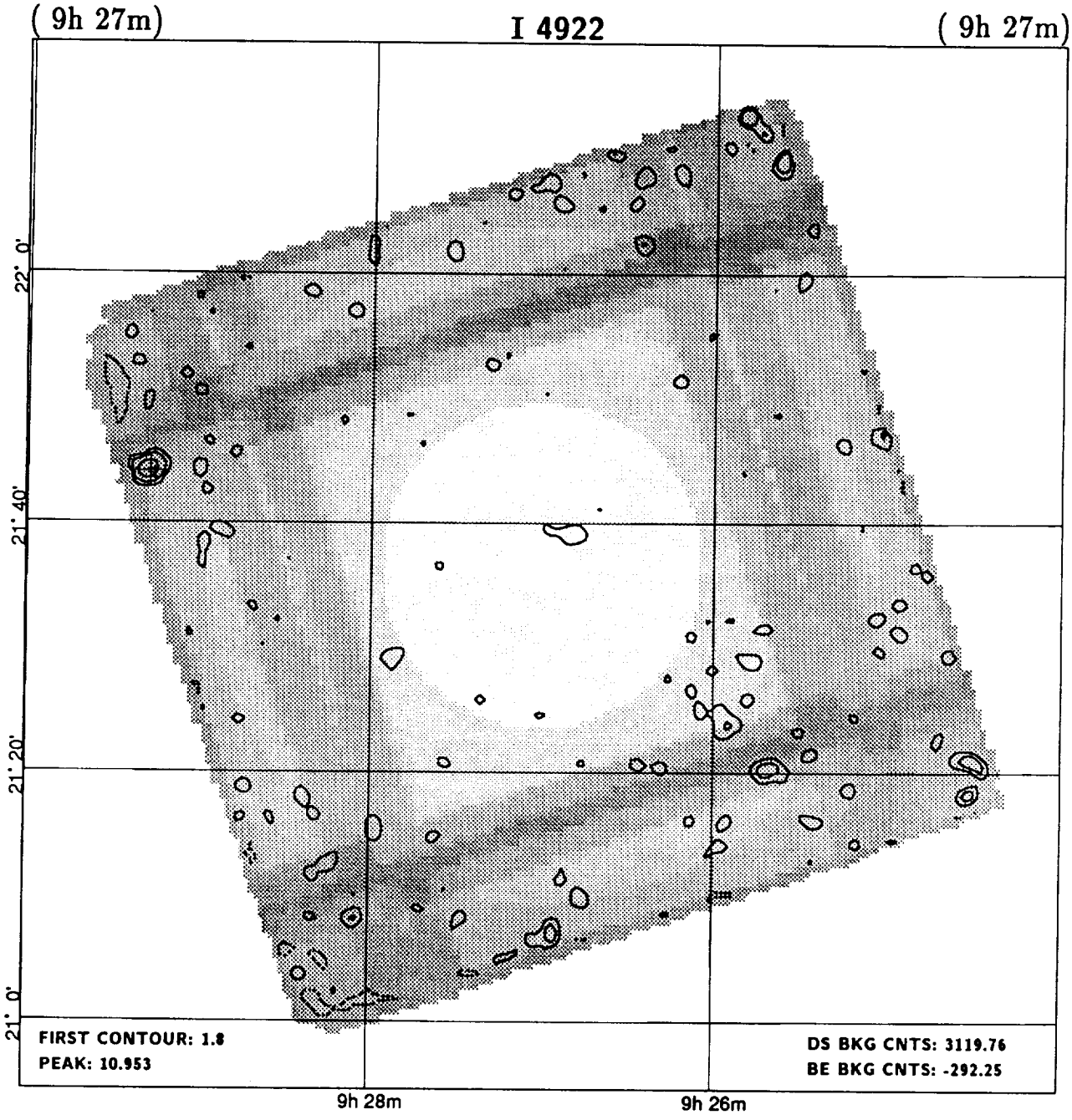
HR 3750(HD 81809),CFA STELLAR SURVEY

FIELD CENTER: $09^h25^m19.0^s$ $-05°50'59''$ (B1950)
$09^h27^m48.4^s$ $-06°04'05''$ (J2000)
ℓ: 239.15 b: 30.65

DATE: 1980/127 - 1980/127
LIVETIME: 8543.6s
ROLL ANGLE: 74.0°

NH: 3.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2137	1	09 23 00.1	-06 10 03	50	0.0449	0.0058	72.8	15.2	7.8	1.8	800	39.9	EH	
2145	2	09 25 10.9	-06 05 14	44	0.0054	0.0014	27.1	20.9	3.9	0.7	0	14.4	H	
2147	3	09 26 27.0	-06 14 23	57	*0.0080	0.0020	24.4	12.6	4.0	1.5	1309	28.8	H	



CATACLYSMIC VARIABLE STARS: TU LEO

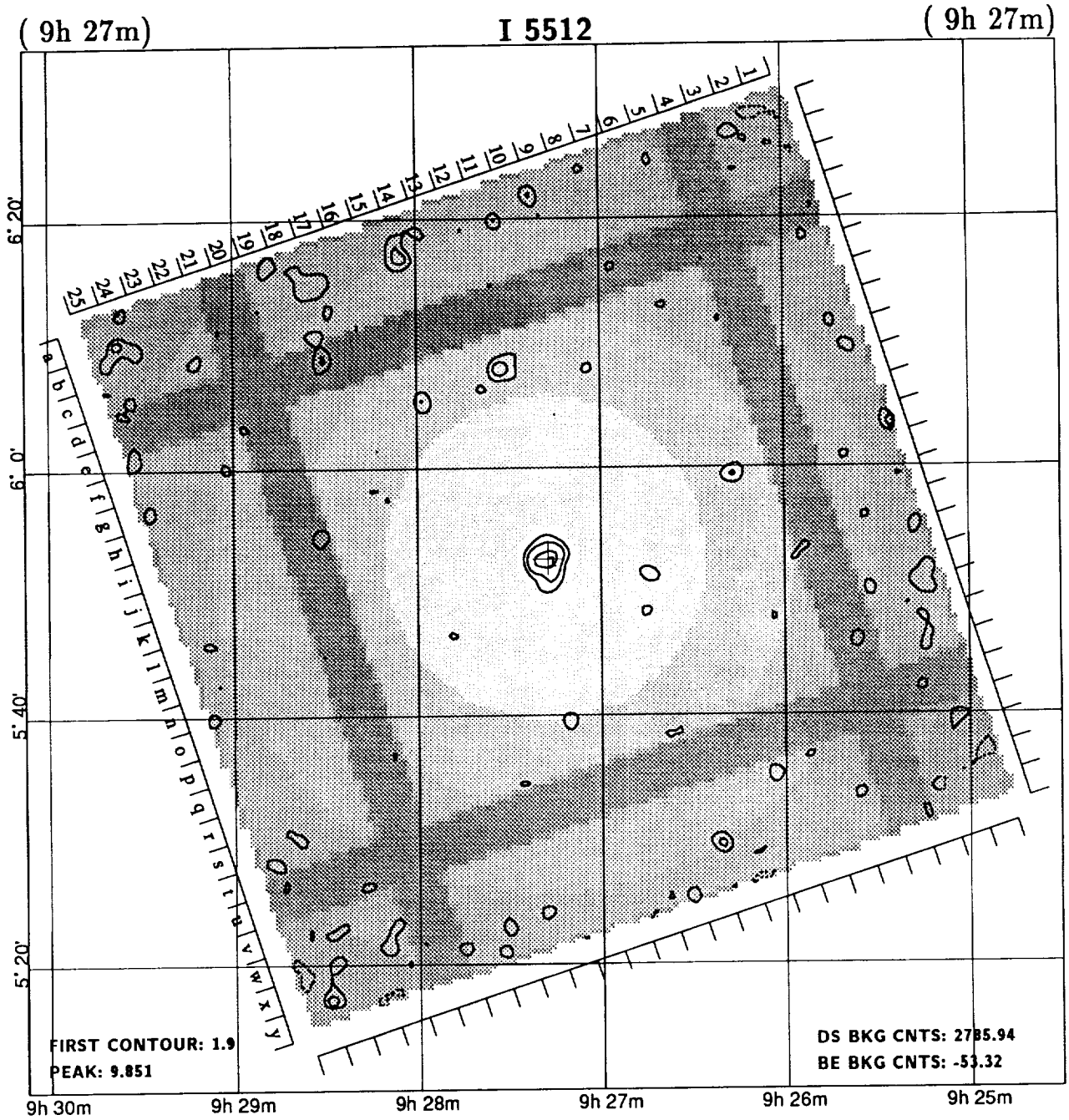
FIELD CENTER: $09^h27^m00.0^s$ $21°36'29''$ (B1950)
$09^h29^m49.9^s$ $21°23'19''$ (J2000)
ℓ: 208.63 b: 43.99

DATE: 1979/310 - 1980/136
LIVETIME: 2528.0s

NH: 3.6E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2151	1	09 29 17.5	21 44 03	55	*0.0212	0.0060	15.7	4.3	3.5	0.9	1106	32.8	AH	G

(9h 27m) **I 5512** (9h 27m)



HD 082106

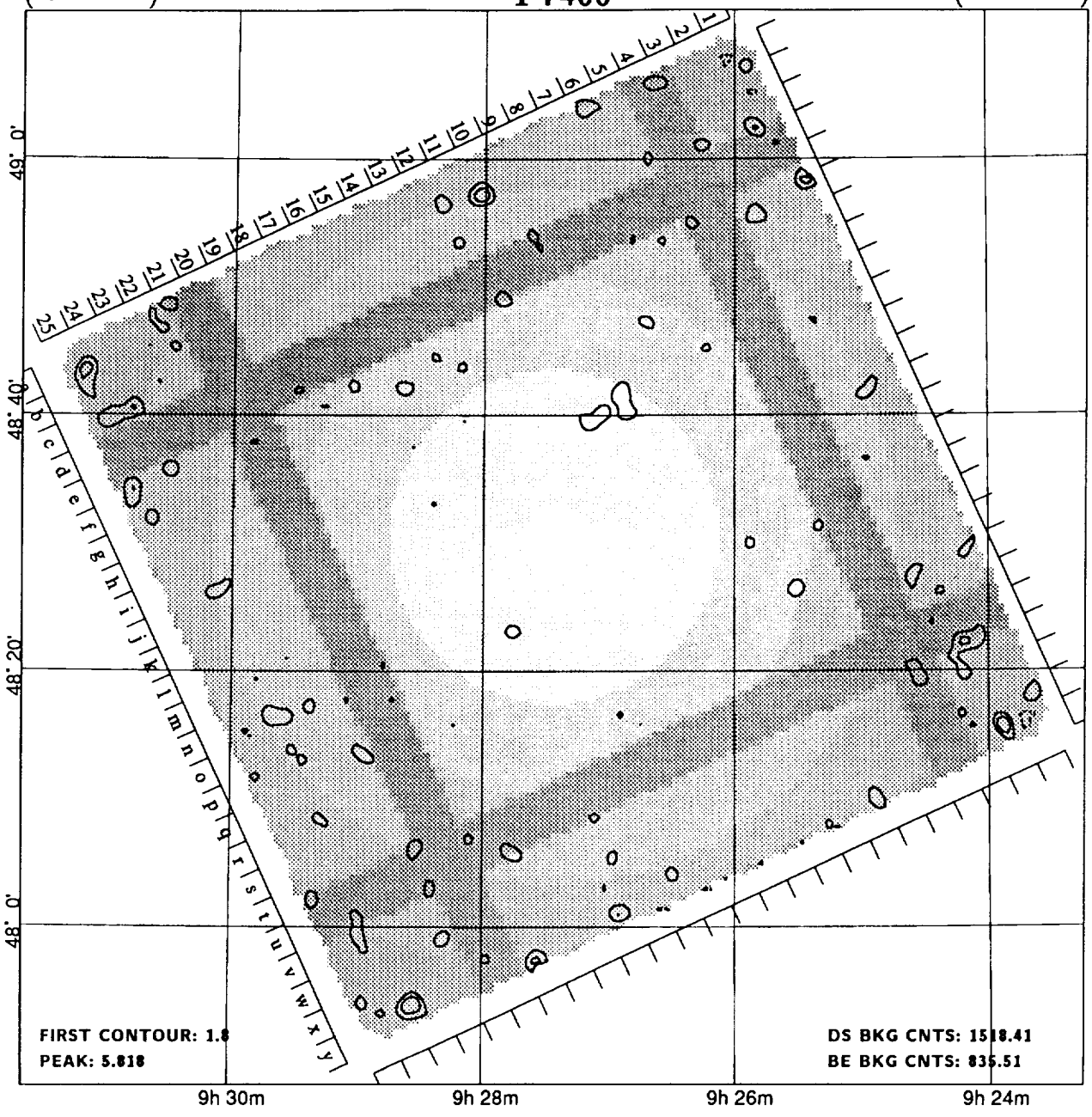
FIELD CENTER: $09^h27^m19.0^s$ $05°51'59''$ (B1950)
$09^h29^m56.8^s$ $05°38'48''$ (J2000)
ℓ: 227.69 b: 37.57

DATE: 1980/129 - 1980/129
LIVETIME: 2338.6s
ROLL ANGLE: 72.0°

NH: 3.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2148	1	09 27 17.3	05 52 38	35	0.0267	0.0042	46.6	6.4	6.4	1.1	0	0.4	H	

(9h 27m) **I 7400** (9h 27m)

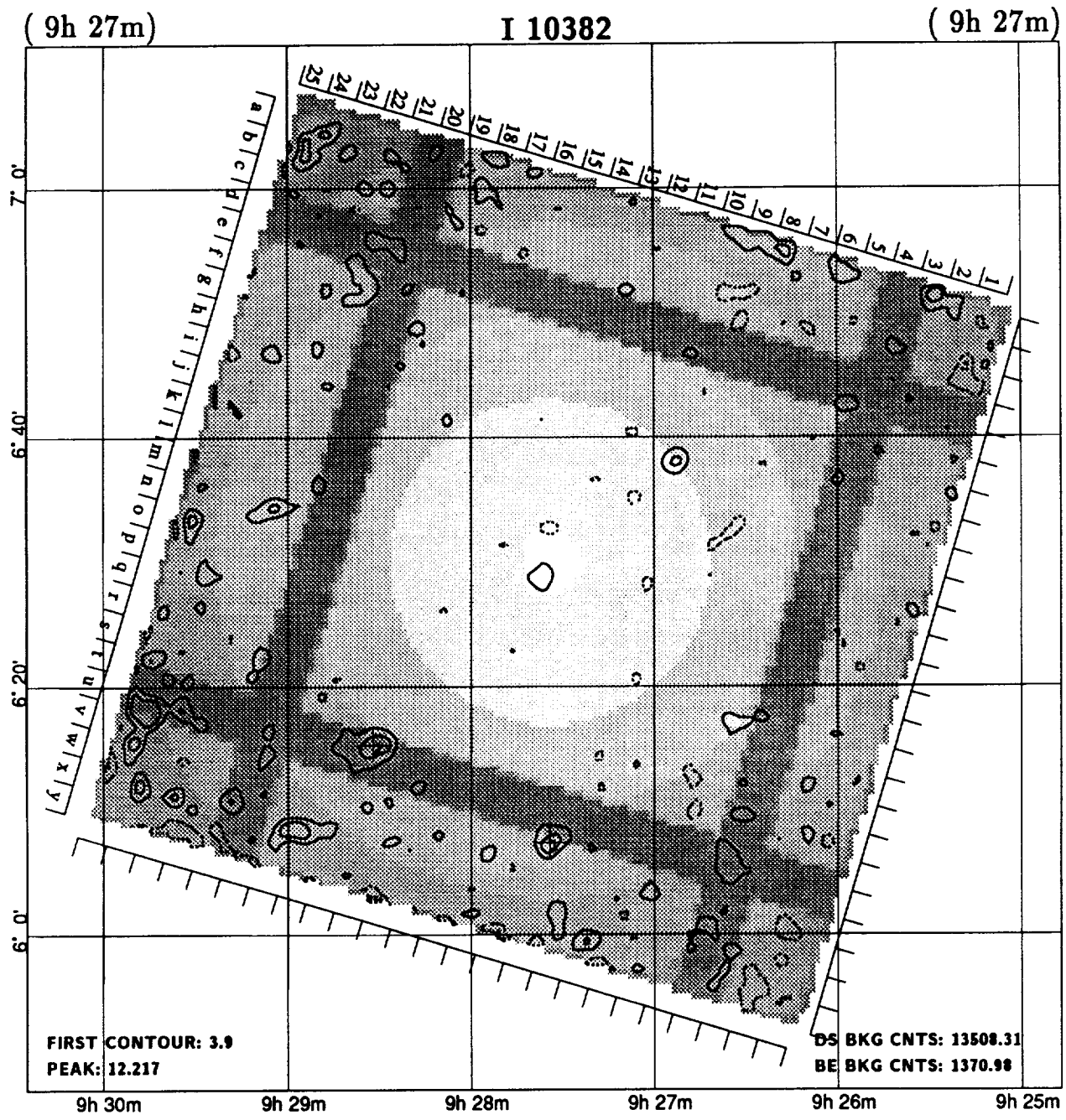


GD 298,SUBDWARF STAR

FIELD CENTER: $09^h27^m27.0^s$ $48°29'41''$ (B1950)
$09^h30^m46.7^s$ $48°16'29''$ (J2000)
ℓ: 170.34 b: 46.04

DATE: 1980/112 - 1980/112
LIVETIME: 1274.6s
ROLL ANGLE: 65.1°

NH: 1.4E+20
REF/ID:
FIELD FLAGS:



CLUSTERS W/STEEP SPECTRUM RADIO SOURCES: TARGET 10

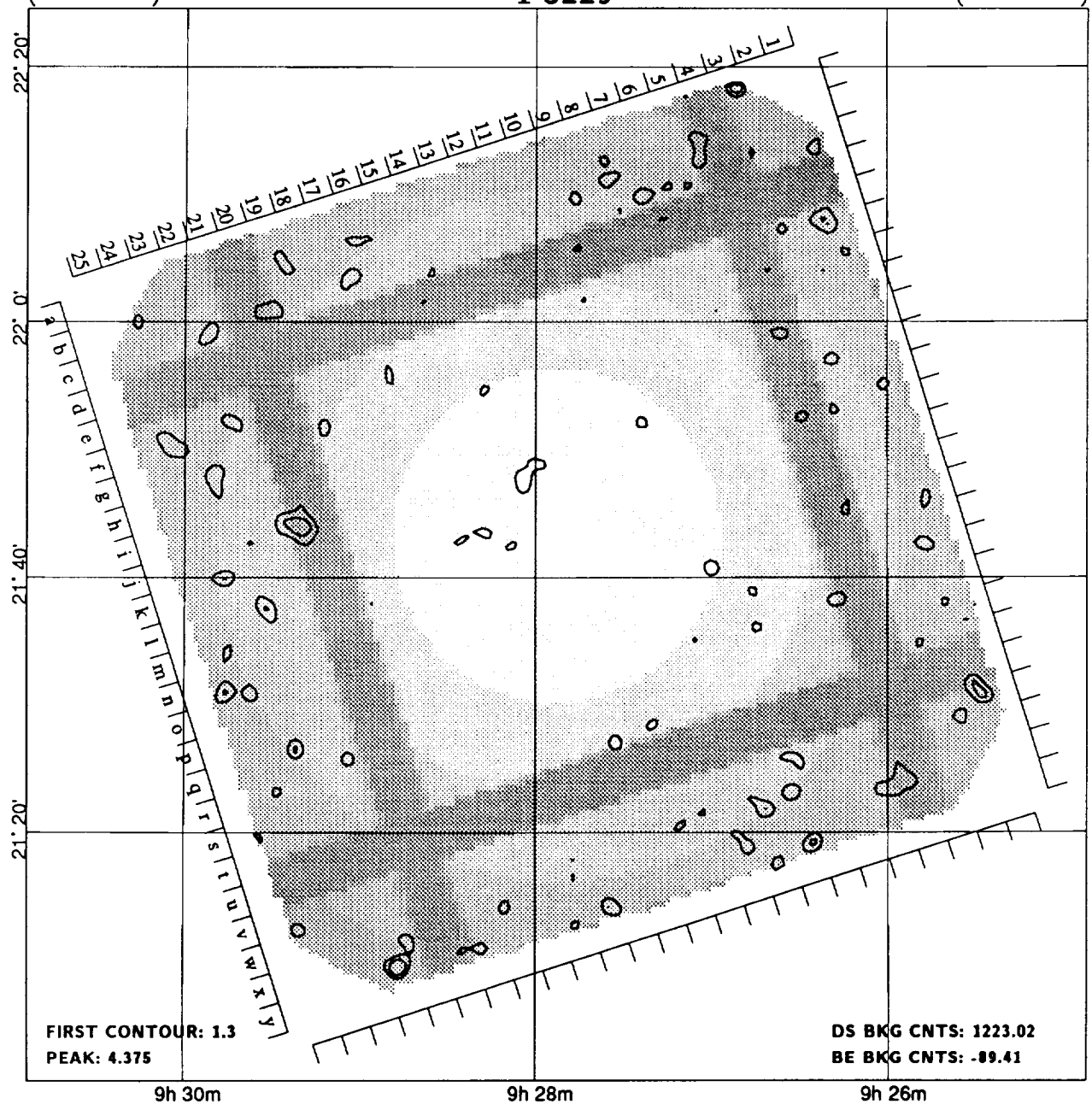
FIELD CENTER: $09^h27^m36.0^s$ $06°29'35''$ (B1950)
$09^h30^m14.3^s$ $06°16'23''$ (J2000)
ℓ: 227.04 b: 37.95

DATE: 1981/115 - 1981/115
LIVETIME: 10946.1s
ROLL ANGLE: 106.6°

NH: 3.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2149	1	09 27 34.3	06 07 26	57	*0.0054	0.0013	27.7	16.3	4.2	0.8	803	22.3		
2150	2	09 28 32.2	06 15 19	55	*0.0061	0.0014	33.5	21.5	4.5	1.2	1209	20.0		

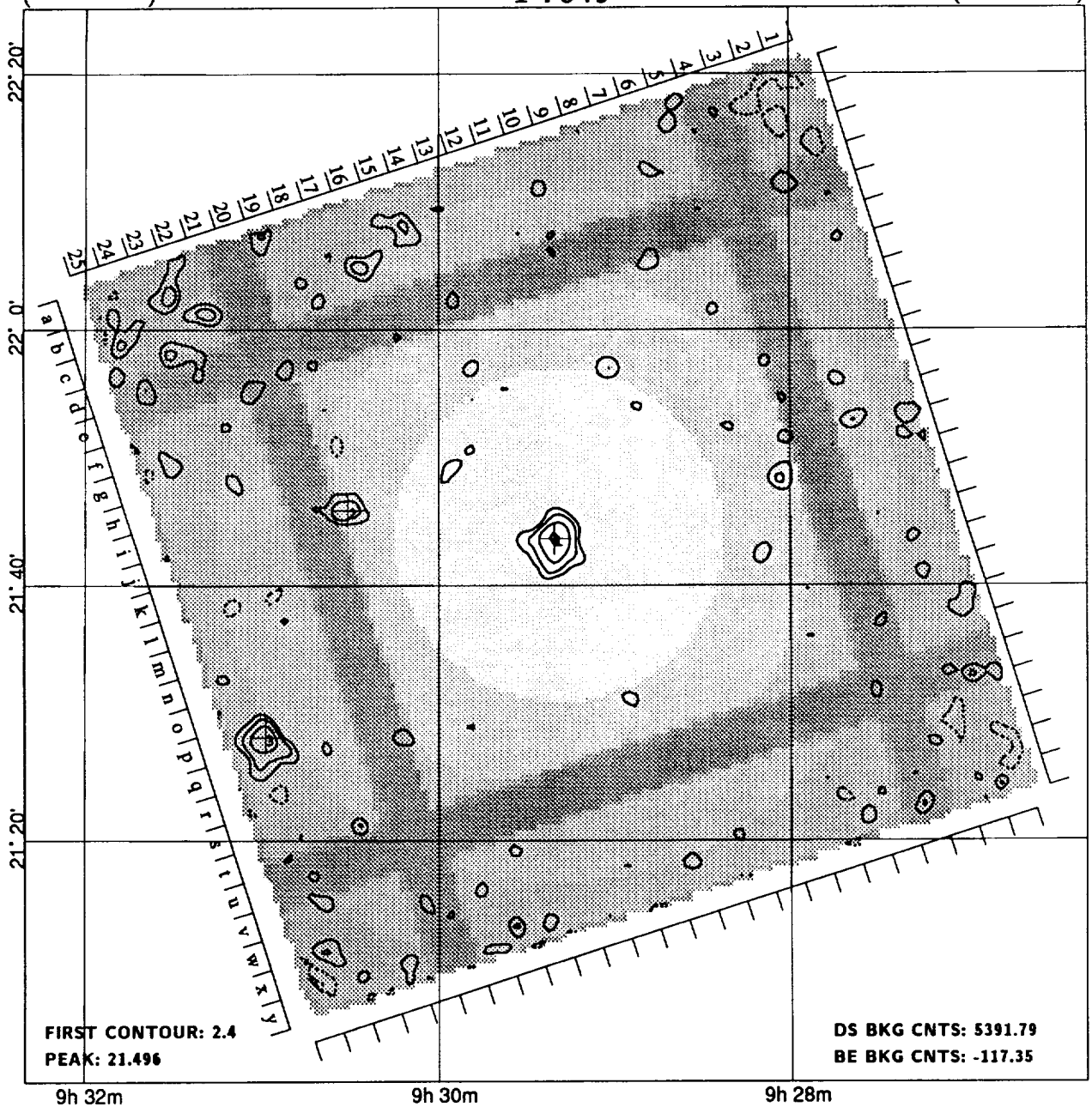
(9h 27m) **I 5229** (9h 27m)



QSO 0927+21W3,RADIO WEAK QUASARS

FIELD CENTER:	$09^h27^m53.0^s$ $21°42'33''$ (B1950)	**DATE:** 1980/136 - 1980/136	**NH:** 3.4E+20
	$09^h30^m42.9^s$ $21°29'20''$ (J2000)	**LIVETIME:** 991.0s	**REF/ID:**
	ℓ: 208.59 b: 44.21	**ROLL ANGLE:** 72.4°	**FIELD FLAGS:**

(9h 29m) **I 7049** (9h 29m)



NGC 2903,LATE GALAXY SURVEY

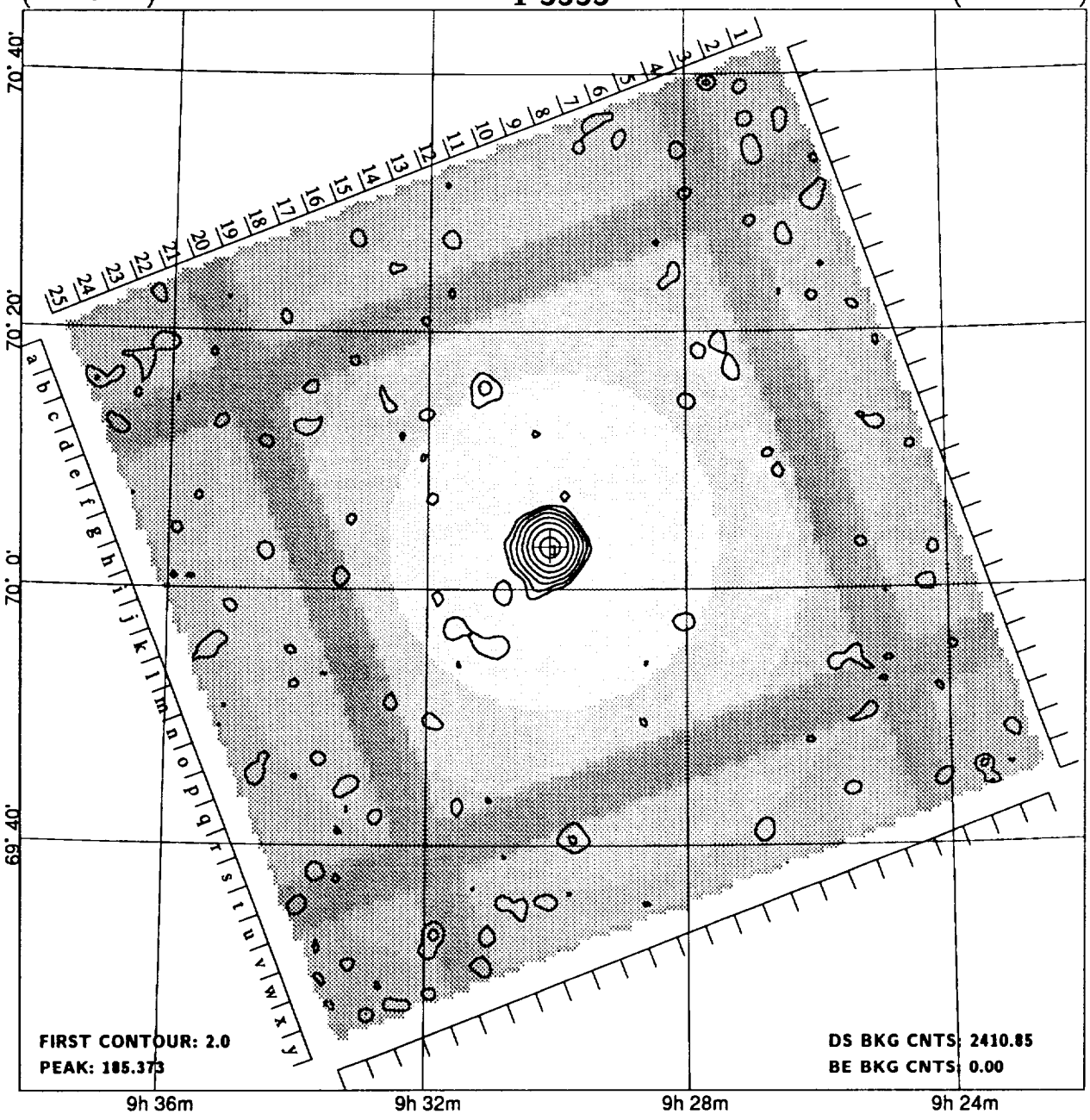
FIELD CENTER: $09^h29^m20.0^s$ $21°43'11''$ **(B1950)**
$09^h32^m09.8^s$ $21°29'54''$ **(J2000)**
ℓ: **208.71** b: **44.54**

DATE: 1980/137 - 1980/137
LIVETIME: 4369.1s
ROLL ANGLE: 72.3°

NH: 3.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2151	1	09 29 20.5	21 43 43	31	0.0280	0.0031	91.2	12.8	8.9	1.4	0	0.4	AH	G
2155	2	09 30 31.1	21 45 59	53	*0.0101	0.0024	24.5	9.5	4.2	0.9	603	16.9	H	
2156	3	09 30 59.0	21 28 05	51	0.0205	0.0040	33.9	9.1	5.2	1.3	0	27.6	H	

(9h 30m) **I 3535** (9h 30m)



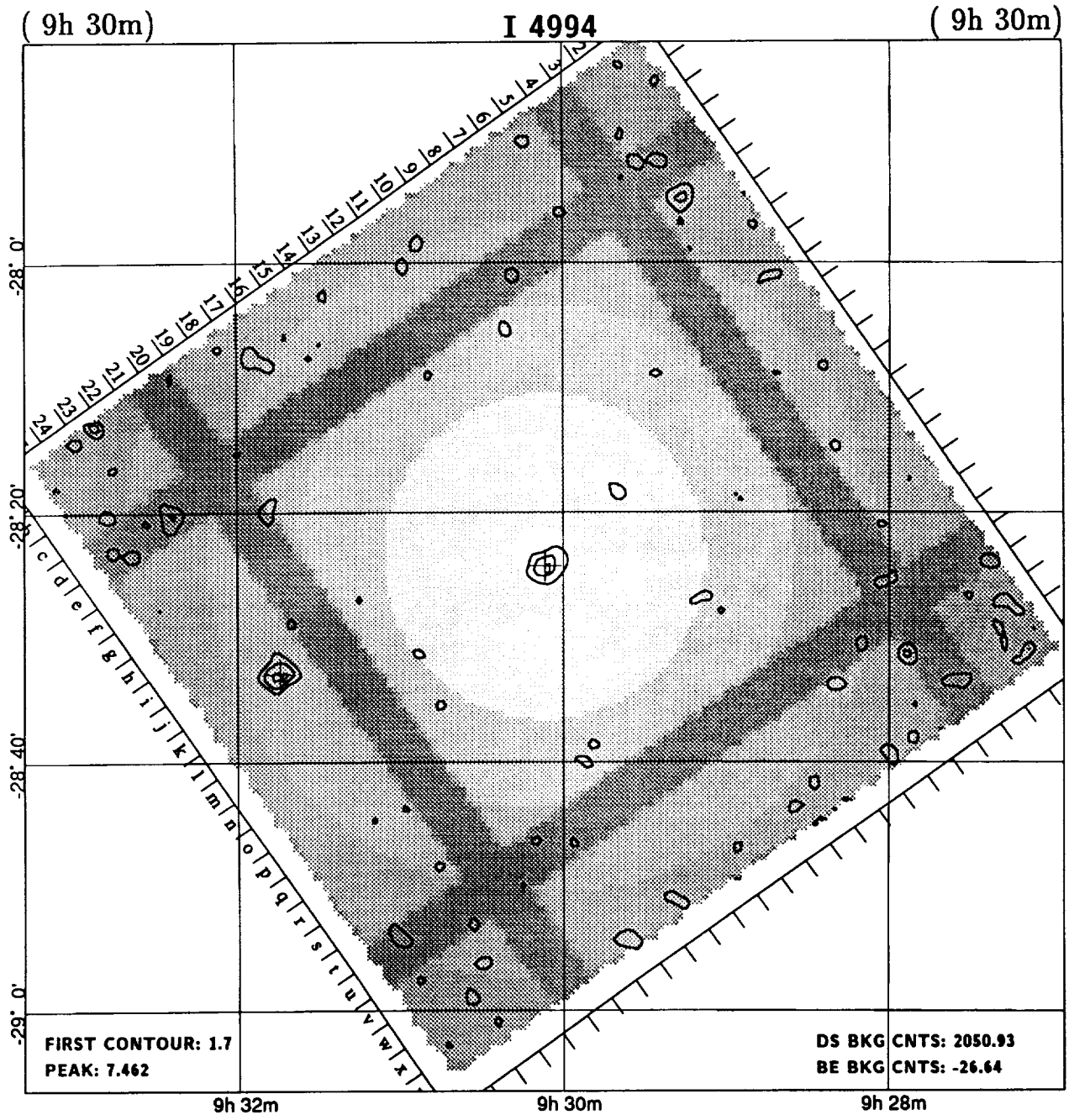
24 UMA,CORONAL ACTIVITY OF F, G, K STARS

FIELD CENTER: $09^h30^m04.8^s$ $70°02'59''$ (B1950)
$09^h34^m28.4^s$ $69°49'38''$ (J2000)
ℓ: 142.55 b: 38.93

DATE: 1979/118 - 1979/118
LIVETIME: 1953.6s
ROLL ANGLE: 69.0°

NH: 4.7E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2153	1L	09 30 06.3	70 03 14	31	0.484	0.022	705.3	98.7	21.8	1.3	0	0.2		S



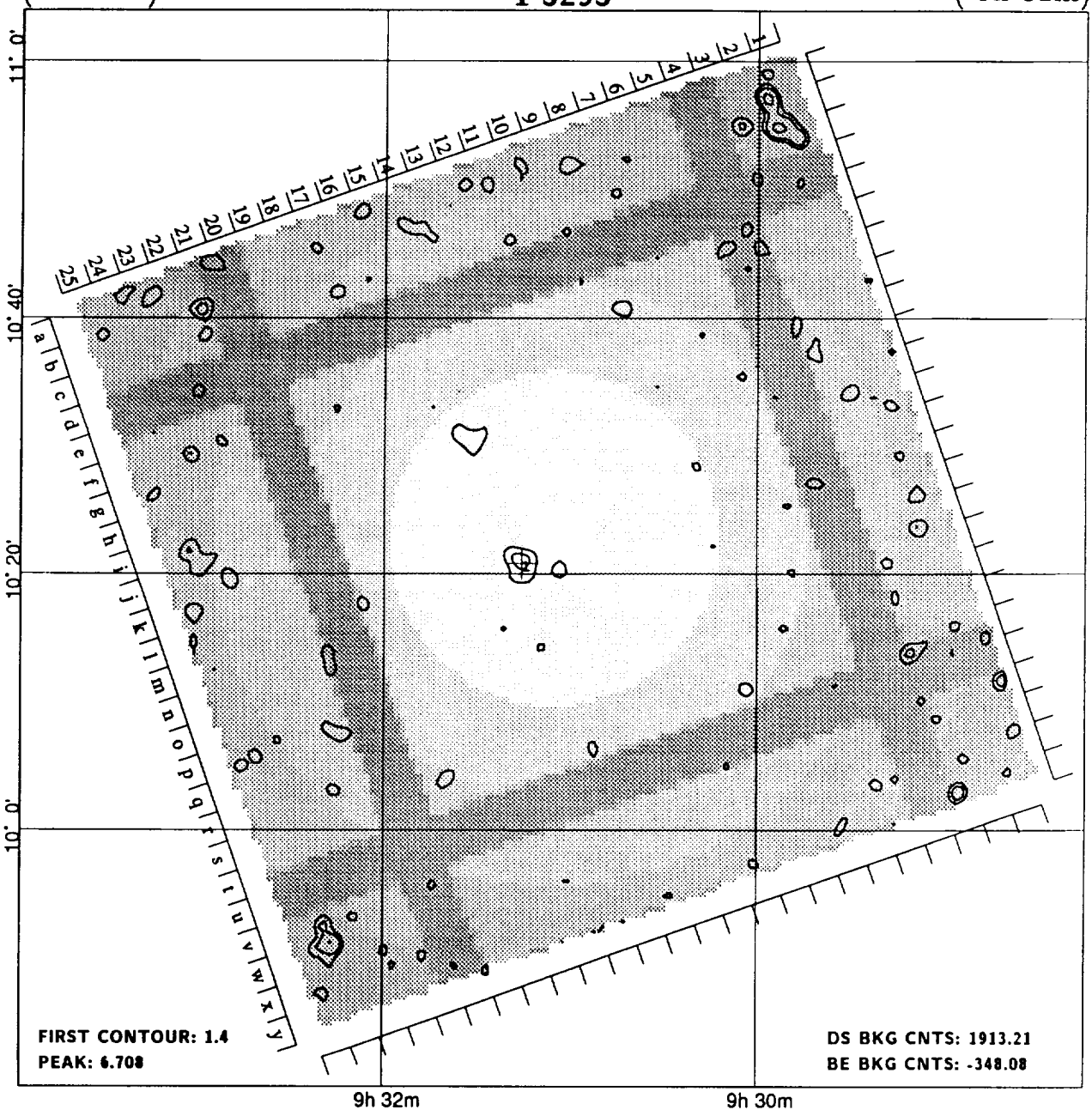
STAR S ANT

FIELD CENTER: $09^h30^m06.9^s$ $-28°24'23''$ (B1950)
$09^h32^m18.7^s$ $-28°37'42''$ (J2000)
ℓ: 258.55 b: 16.61

DATE: 1980/165 - 1980/165
LIVETIME: 1662.0s
ROLL ANGLE: 55.1°

NH: 8.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2154	1	09 30 06.7	-28 24 15	37	0.0169	0.0041	20.9	5.1	4.1	0.9	0	0.2	H	S
2158	2	09 31 44.5	-28 32 52	54	0.0220	0.0059	16.6	3.4	3.7	0.9	0	23.4	H	



CD GALAXIES IN POOR CLUSTERS:K179

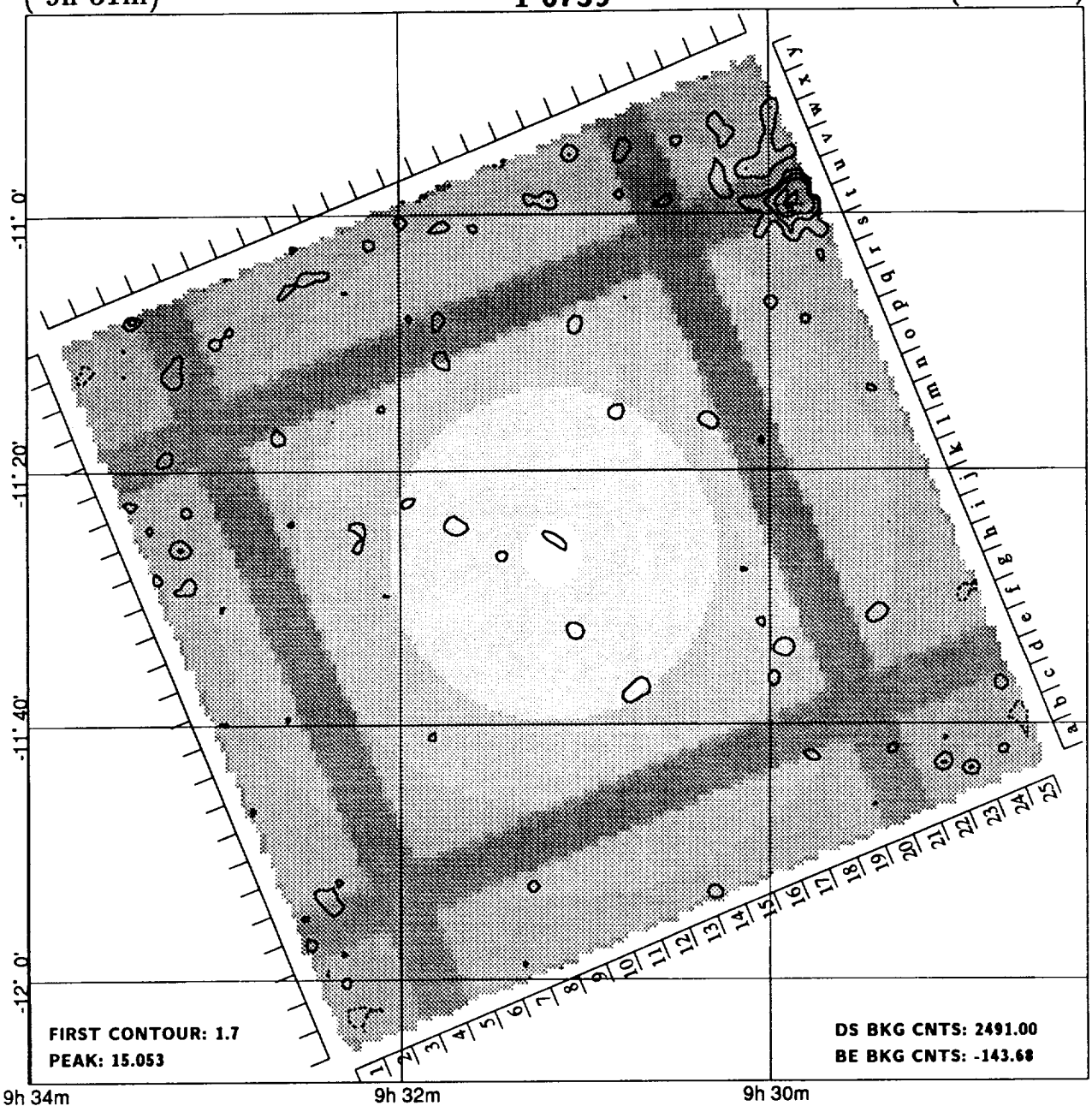
FIELD CENTER: $09^h31^m06.0^s$ $10°21'59''$ (B1950)
$09^h33^m47.0^s$ $10°08'38''$ (J2000)
ℓ: 223.19 b: 40.56

DATE: 1979/142 - 1979/142
LIVETIME: 1550.3s
ROLL ANGLE: 70.8°

NH: 3.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2157	1	09 31 15.7	10 20 48	41	0.0139	0.0039	15.7	3.3	3.6	0.8	0	2.5	H	

(9h 31m) **I 6739** (9h 31m)



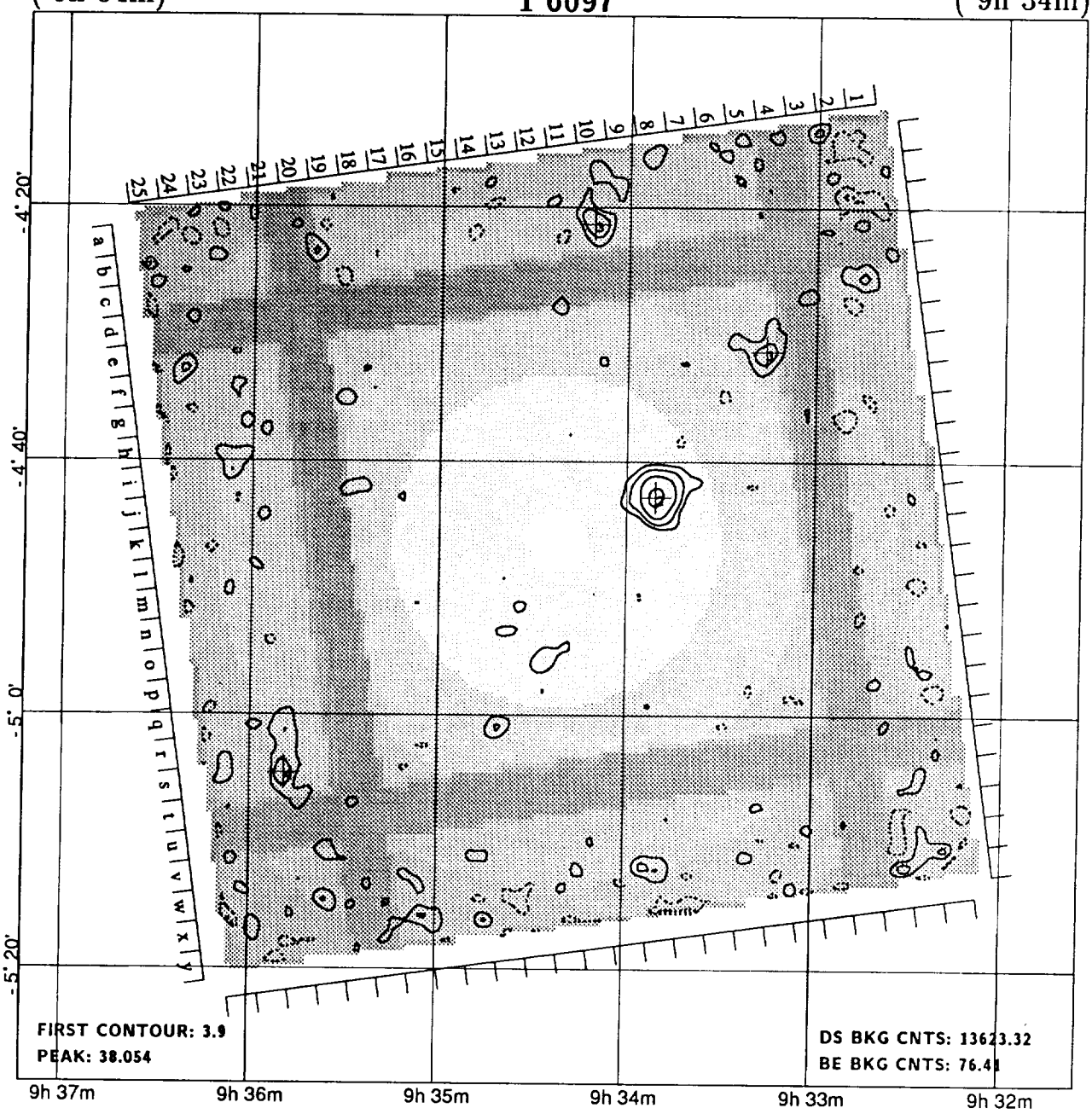
SEARCH FOR HIGH LX QSO'S: 15

FIELD CENTER: $09^h31^m08.9^s$ $-11°26'02''$ **(B1950)**
$09^h33^m34.4^s$ $-11°39'24''$ **(J2000)**
ℓ: **245.20** b: **28.32**

DATE: 1979/338 - 1979/338
LIVETIME: 2018.5s
ROLL ANGLE: -112.4°

NH: 4.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2152	1	09 29 53.8	-10 59 20	51	*0.0373	0.0083	22.3	2.7	4.5	1.5	1109	32.4	H	



A 838,DETAILED STUDY OF NEARBY CLUSTERS

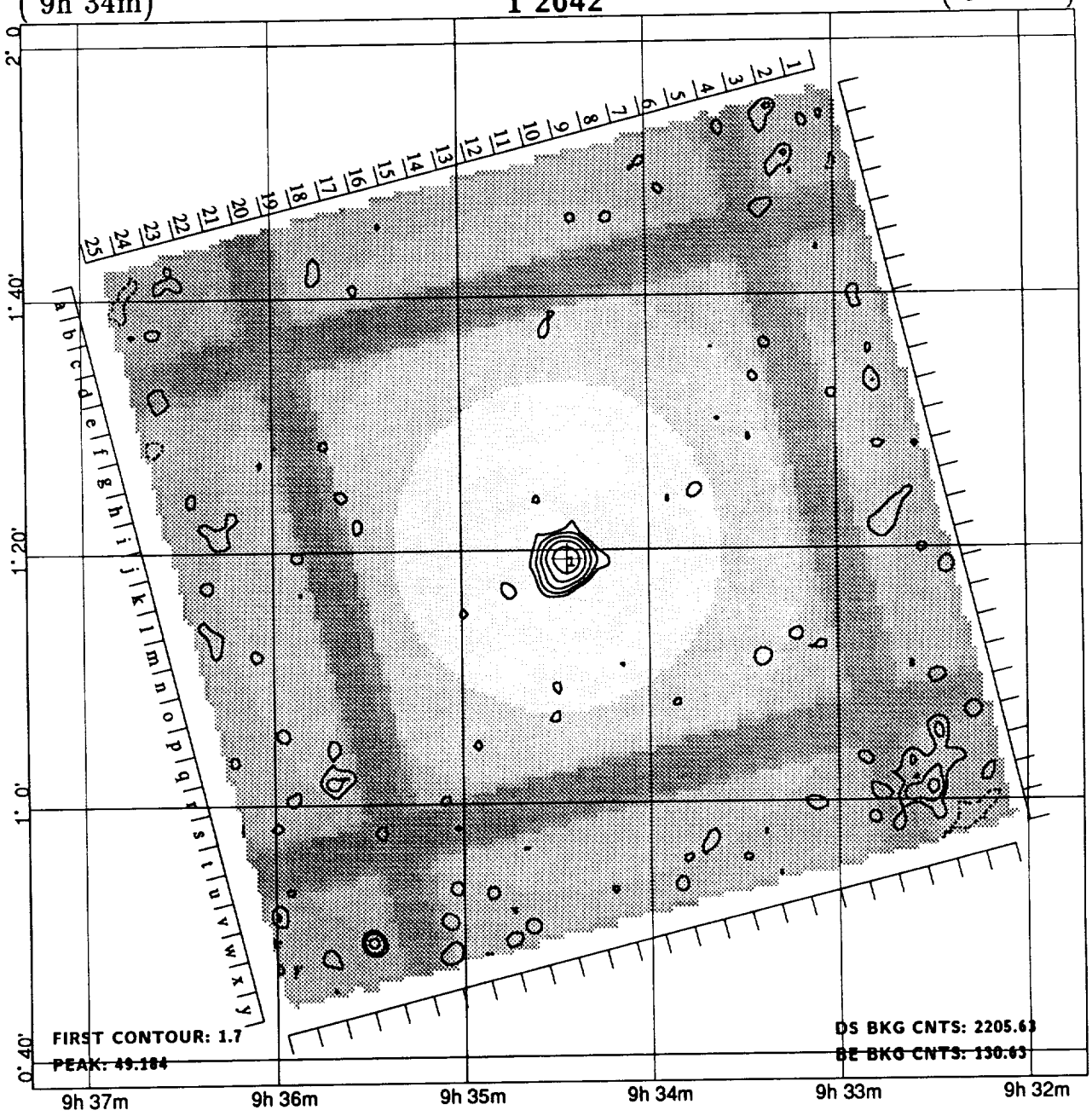
FIELD CENTER: $09^h34^m24.0^s$ -04°46′59″ (B1950)
$09^h36^m54.3^s$ -05°00′29″ (J2000)
ℓ: 239.75 b: 33.10

DATE: 1980/126 - 1980/127
LIVETIME: 11039.4s
ROLL ANGLE: 82.1°

NH: 3.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2159	1	09 33 15.9	-04 31 21	55	0.0054	0.0013	28.0	21.0	4.0	1.1	600	23.0	H	
2160	2	09 33 50.9	-04 42 49	38	0.0198	0.0018	148.9	33.1	11.0	1.5	0	9.1	H	
2161	3	09 34 11.2	-04 21 20	52	0.0066	0.0015	31.1	20.9	4.3	0.9	100	25.7	H	
2163	4	09 35 49.0	-05 04 34	56	0.0066	0.0017	27.4	20.6	4.0	1.8	0	27.5	H	

(9h 34m) **I 2642** (9h 34m)



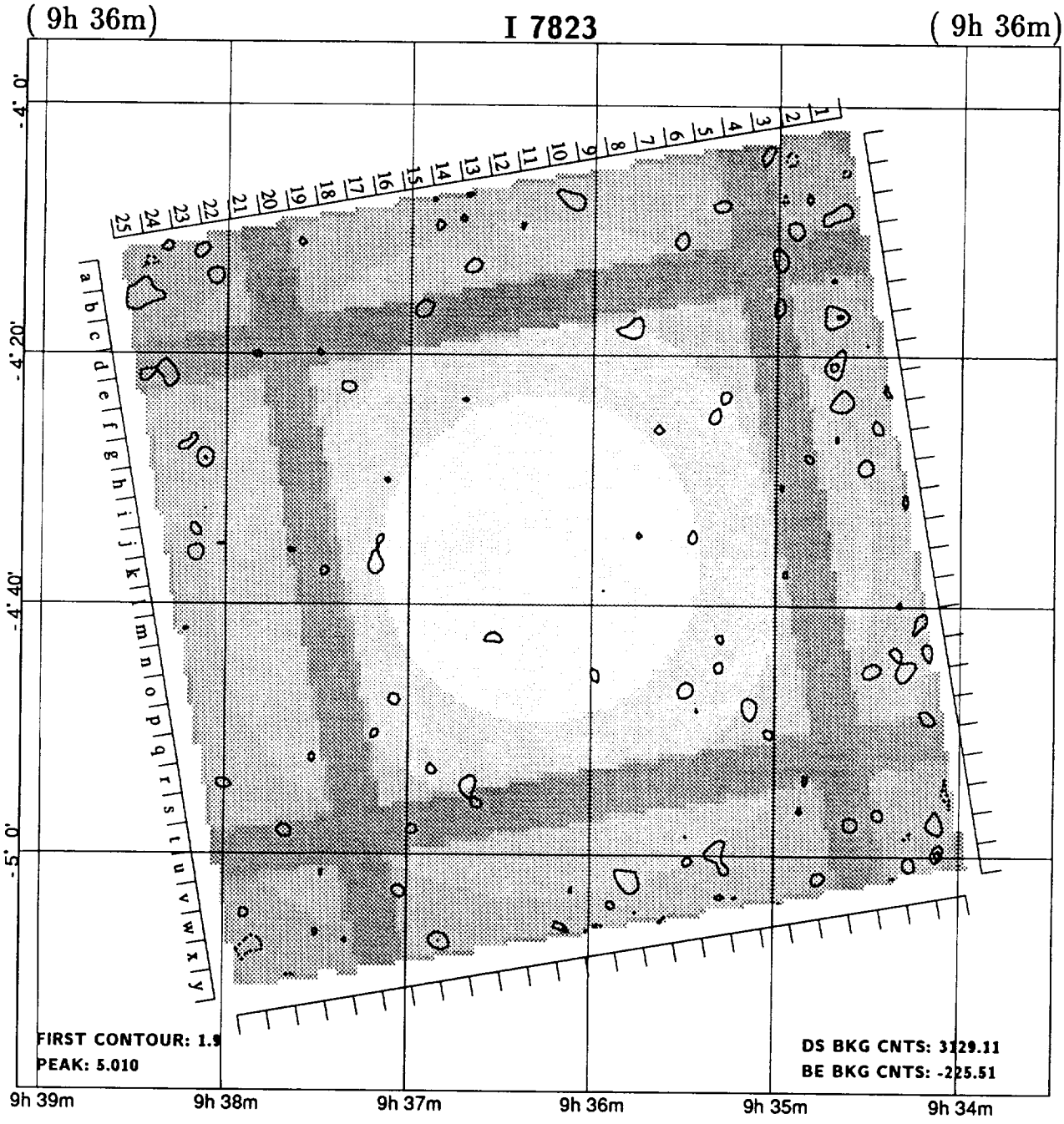
SEYFERT GALAXY SURVEY: ZWICKY

FIELD CENTER: $09^h34^m30.0^s$ $01°19'59''$ (B1950)
$09^h37^m04.6^s$ $01°06'29''$ (J2000)
ℓ: 233.70 b: 36.68

DATE: 1980/128 - 1980/128
LIVETIME: 1851.5s
ROLL ANGLE: 76.0°

NH: 4.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2162	1	09 34 26.1	01 19 16	31	0.158	0.011	216.8	5.2	14.5	1.3	0	1.1	H	Q



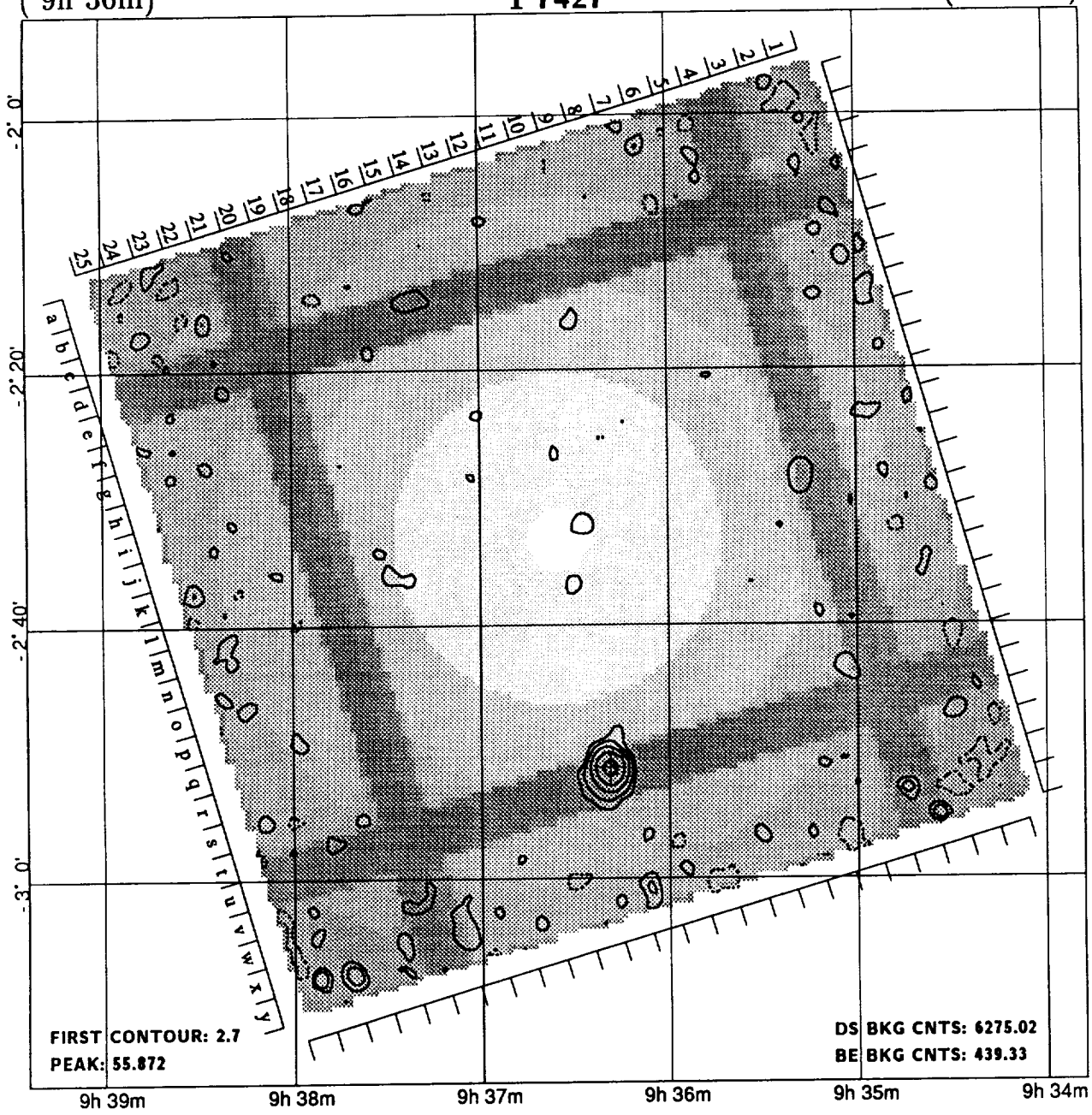
VV 116,COMPACT V-V GROUPS OF GALAXIES

FIELD CENTER: $09^h36^m18.0^s$ -04°36'59" (B1950)
$09^h38^m48.5^s$ -04°50'34" (J2000)
ℓ: 239.93 b: 33.58

DATE: 1980/127 - 1980/127
LIVETIME: 2535.6s
ROLL ANGLE: 80.3°

NH: 3.6E+20
REF/ID: CLG
FIELD FLAGS:

(9h 36m) **I 7427** (9h 36m)



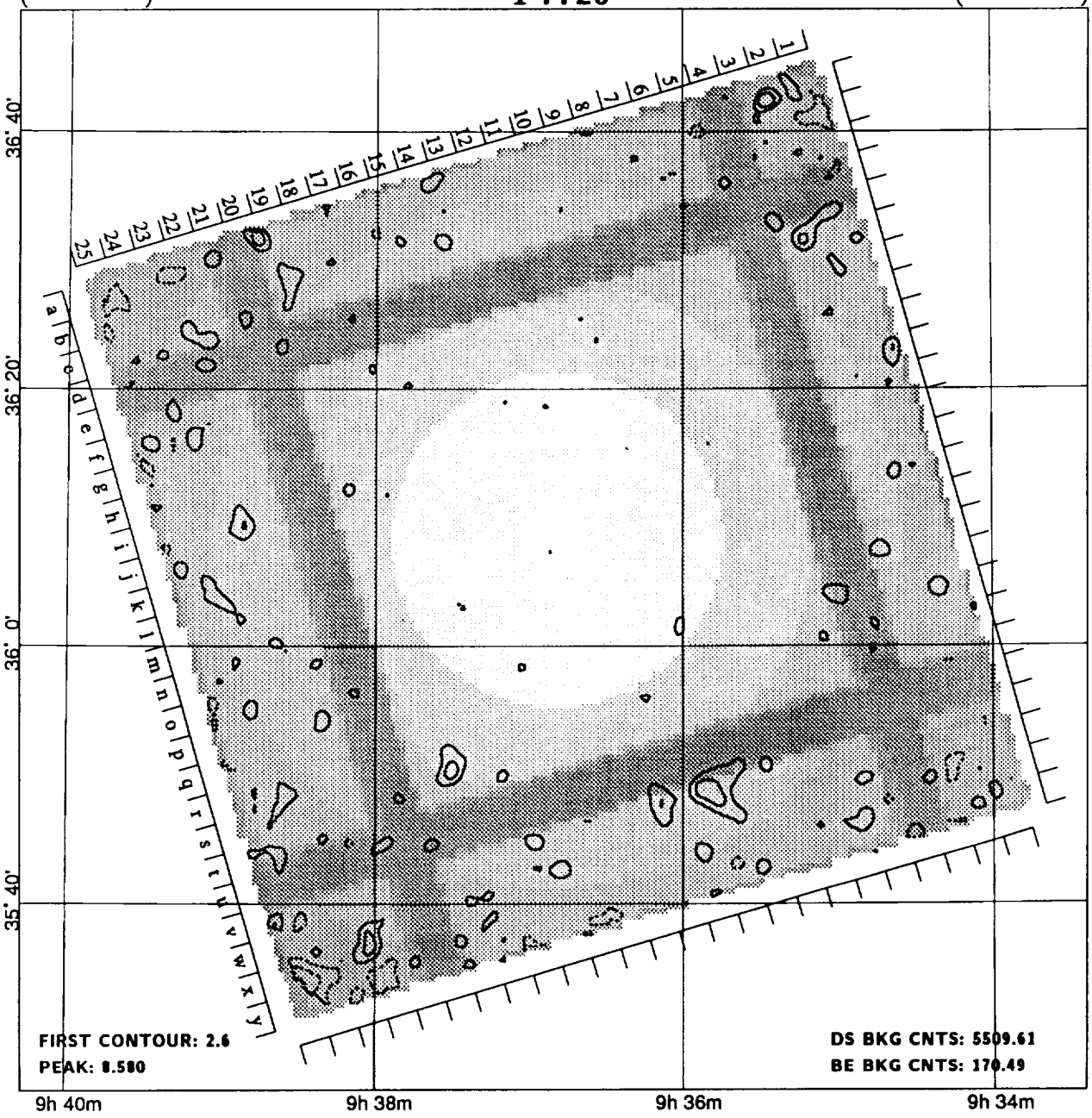
A 33,HOT PLANETARY NEBULA NUCLEUS

FIELD CENTER: $09^h36^m36.0^s$ $-02°33'59''$ (B1950)
$09^h39^m07.9^s$ $-02°47'35''$ (J2000)
ℓ: 238.00 b: 34.87

DATE: 1980/127 - 1980/127
LIVETIME: 5267.4s
ROLL ANGLE: 73.5°

NH: 3.4E+20
REF/ID:
FIELD FLAGS:

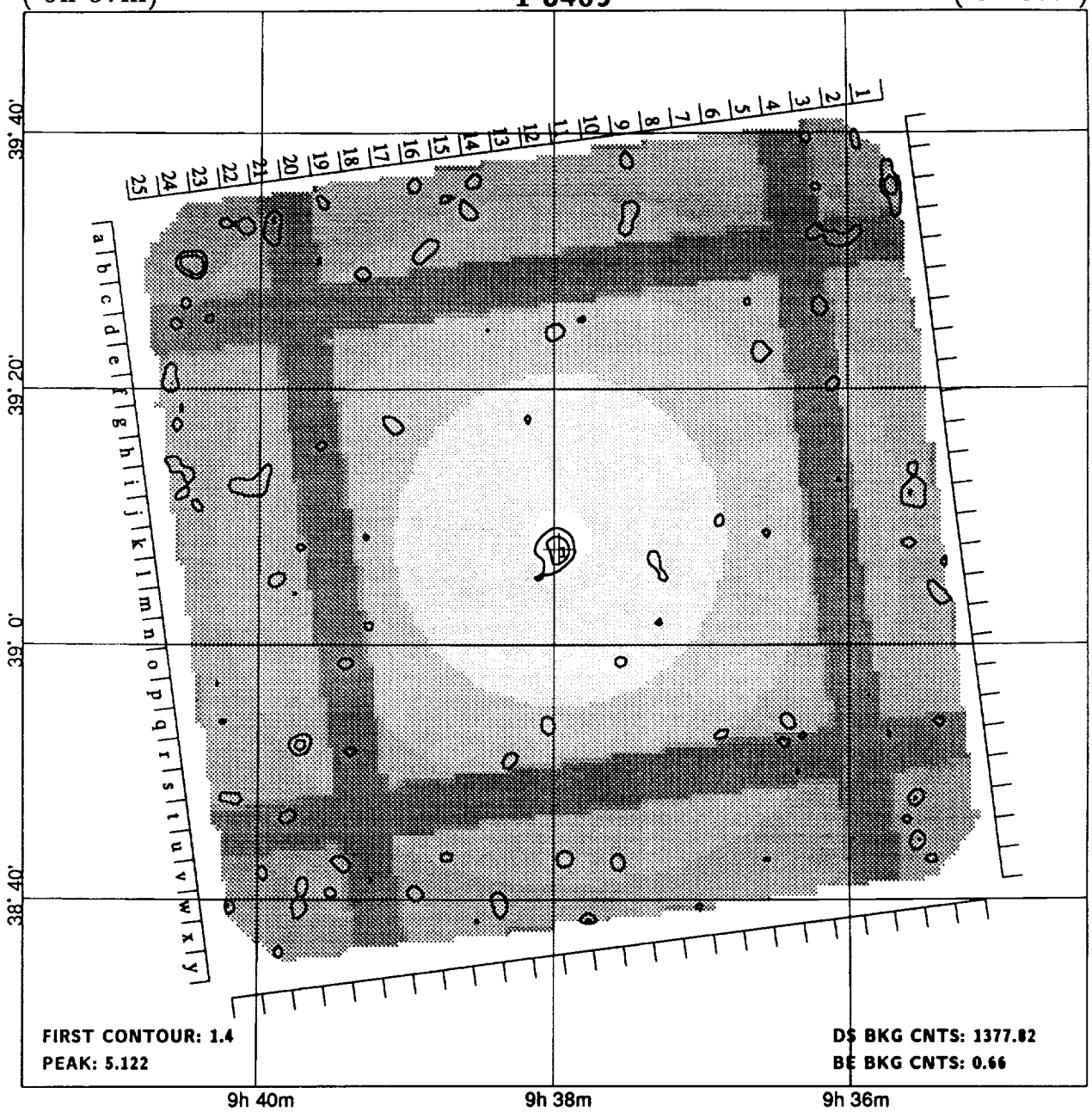
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2164	1	09 36 18.9	-02 51 21	48	*0.0531	0.0045	149.5	9.5	11.9	1.2	1409	18.0	H	



223,COMPLETE SAMPLE OF 3CR RADIO GALAXIES

FIELD CENTER:	$09^h36^m50.9^s$ $36°07'34''$ (B1950)	DATE: 1980/136 - 1980/137	NH: 1.3E+20
	$09^h39^m52.8^s$ $35°53'58''$ (J2000)	LIVETIME: 4464.6s	REF/ID:
	ℓ: 188.41 b: 48.66	ROLL ANGLE: 73.7°	FIELD FLAGS:

(9h 37m) **I 8409** (9h 37m)



4C 39.27

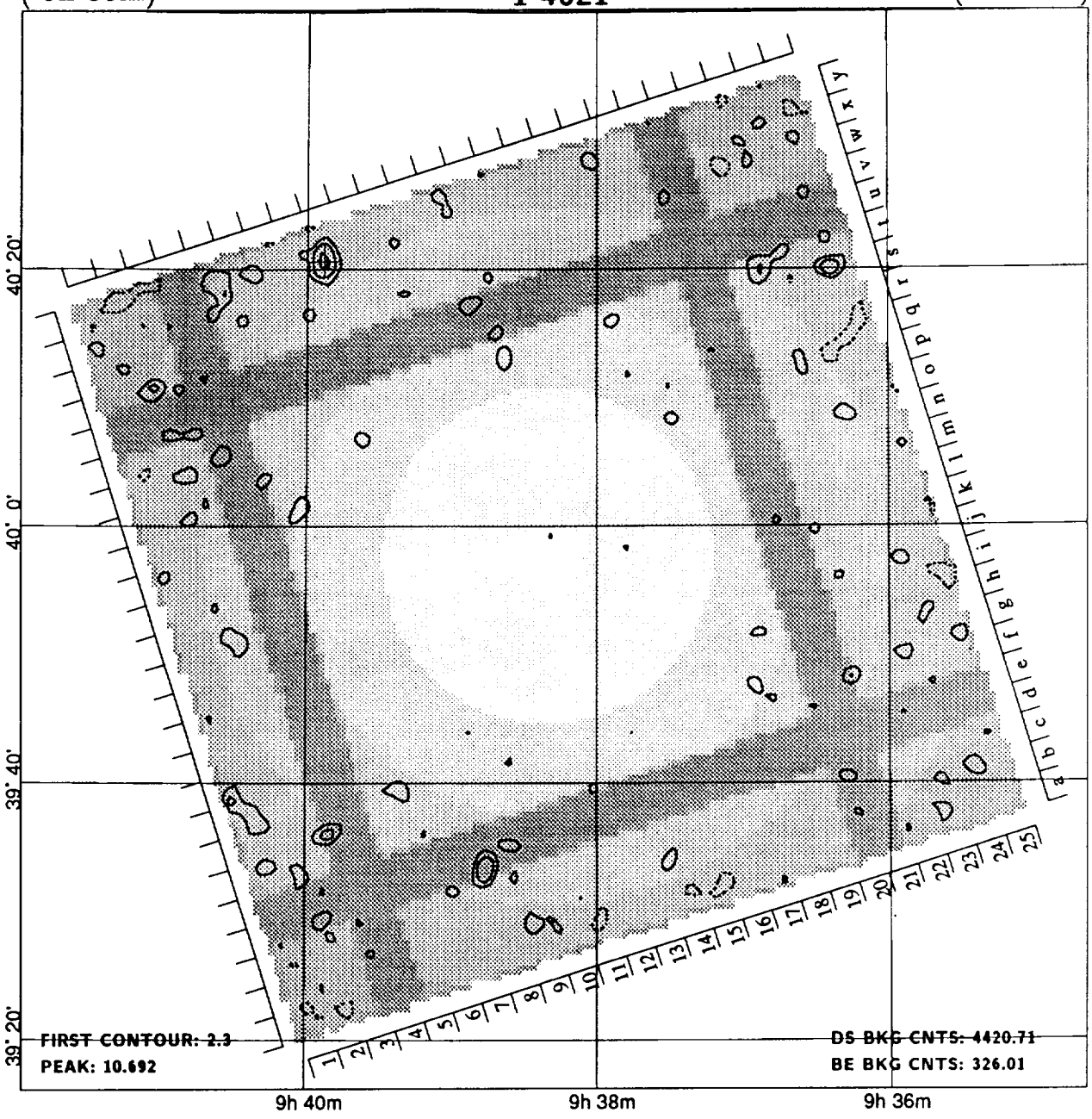
FIELD CENTER: $09^h37^m59.2^s$ $39°07'29''$ (B1950)
$09^h41^m04.0^s$ $38°53'50''$ (J2000)
ℓ: 183.86 b: 48.89

DATE: 1980/133 - 1980/133
LIVETIME: 1116.5s
ROLL ANGLE: 82.6°

NH: 1.6E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2166	1	09 37 57.9	39 07 31	37	0.0224	0.0056	18.6	3.4	4.0	1.0	0	0.4	H	

(9h 38m) **I 4621** (9h 38m)



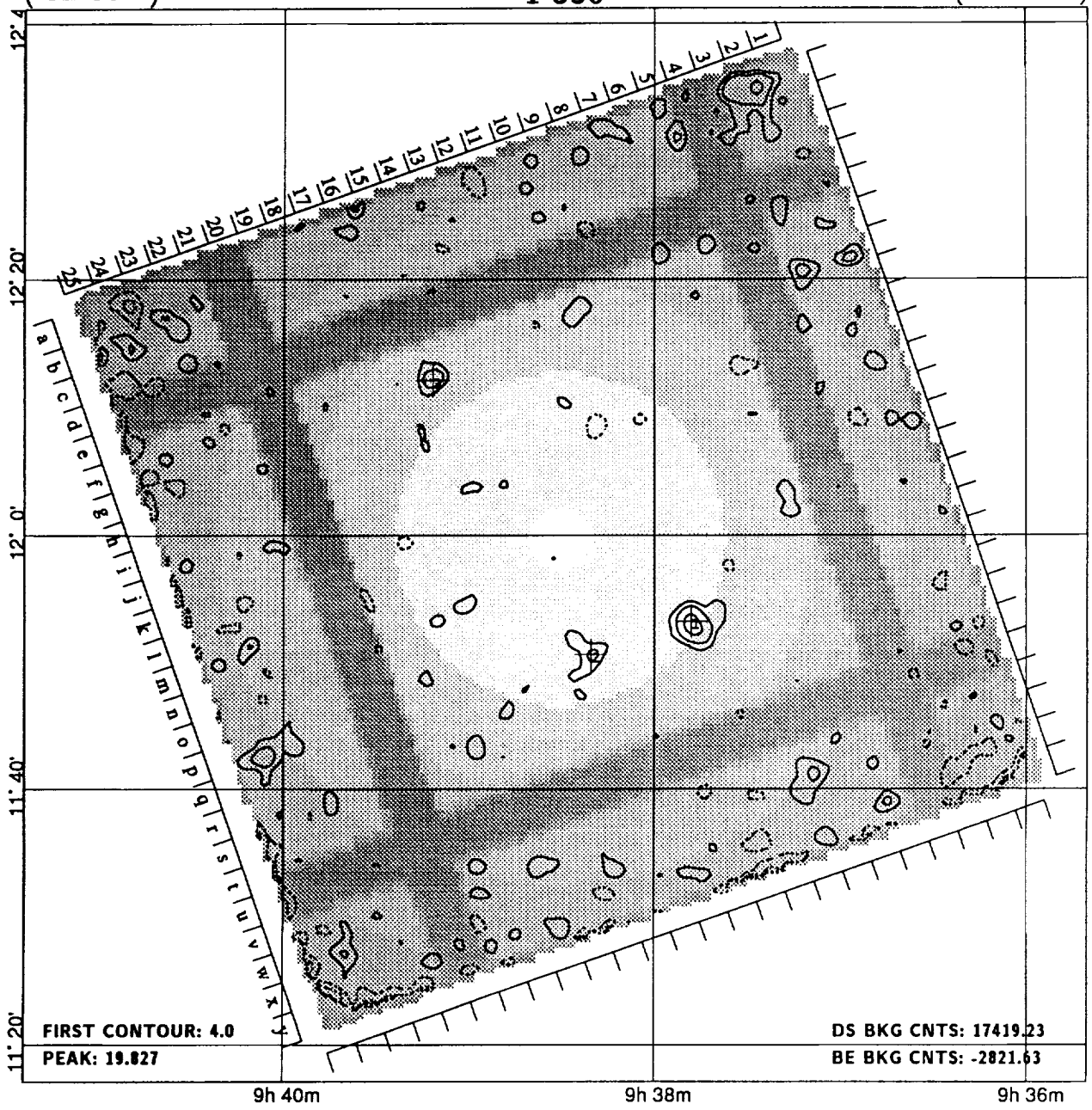
POOR ZWICKY CLUSTER: 0938+399 (3C223.1)

FIELD CENTER: $09^h38^m18.0^s$ $39°58'11''$ (B1950)
$09^h41^m23.7^s$ $39°44'31''$ (J2000)
ℓ: 182.57 b: 48.92

DATE: 1979/302 - 1979/302
LIVETIME: 3582.2s
ROLL ANGLE: -107.5°

NH: 1.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2175	1	09 39 53.0	40 20 35	55	0.0153	0.0040	20.1	6.9	3.9	0.9	0	29.0	H	



QSO 0938+119 QUASAR SURVEY

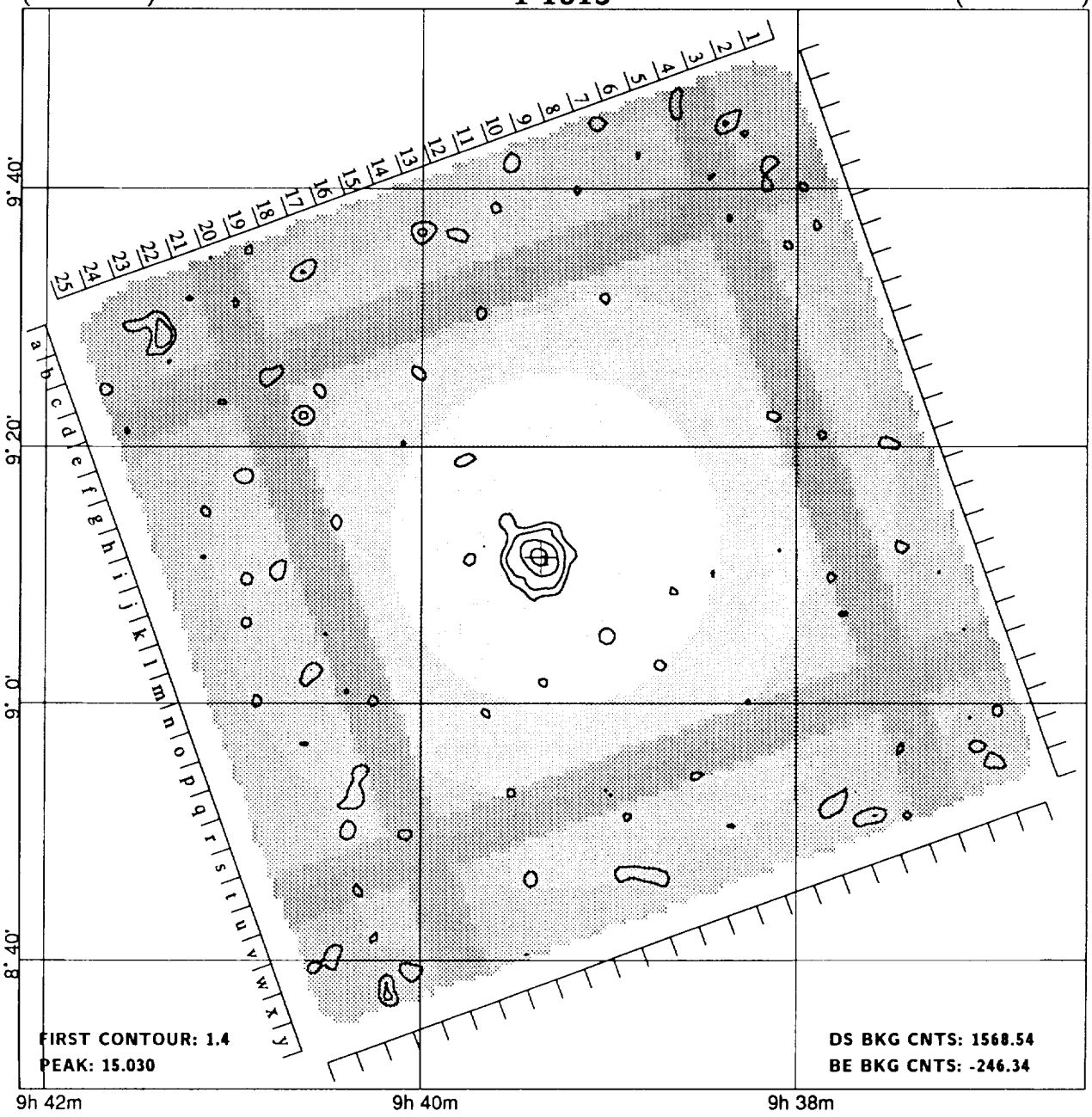
FIELD CENTER: $09^h38^m31.8^s$ $11°59'12''$ (B1950)
$09^h41^m13.6^s$ $11°45'32''$ (J2000)
ℓ: 222.36 b: 42.92

DATE: 1979/140 - 1979/141
LIVETIME: 14115.3s
ROLL ANGLE: 70.8°

NH: 3.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2165	1	09 37 48.0	11 53 17	41	0.0078	0.0011	69.7	31.3	6.9	1.2	0	12.1	H	AGN
2168	2	09 38 20.5	11 50 38	42	0.00292	0.00083	27.8	34.2	3.5	0.9	0	8.9	H	*
2171	3	09 39 12.0	12 12 07	51	0.00379	0.00094	30.7	27.3	4.0	0.7	0	16.3	H	

(9h 39m) **I 1813** (9h 39m)



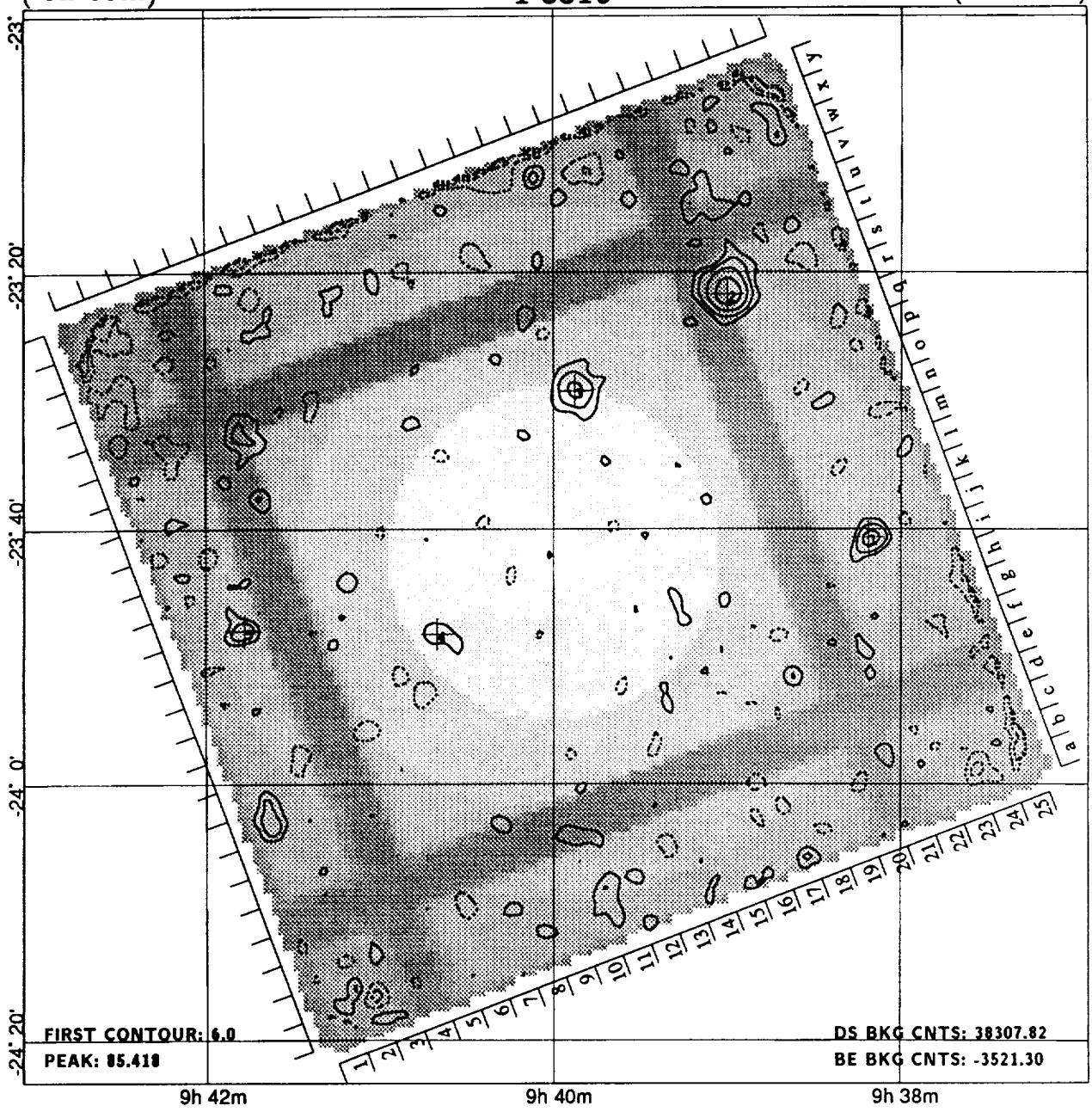
0939+0912: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: $09^h39^m18.0^s$ $09°11'59''$ (B1950)
$09^h41^m57.8^s$ $08°58'17''$ (J2000)
ℓ: 225.82 b: 41.80

DATE: 1979/145 - 1979/145
LIVETIME: 1271.0s
ROLL ANGLE: 70.2°

NH: 3.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2172	1	09 39 21.7	09 11 19	34	0.0658	0.0086	61.8	3.2	7.7	1.7	0	1.4	H	CLG



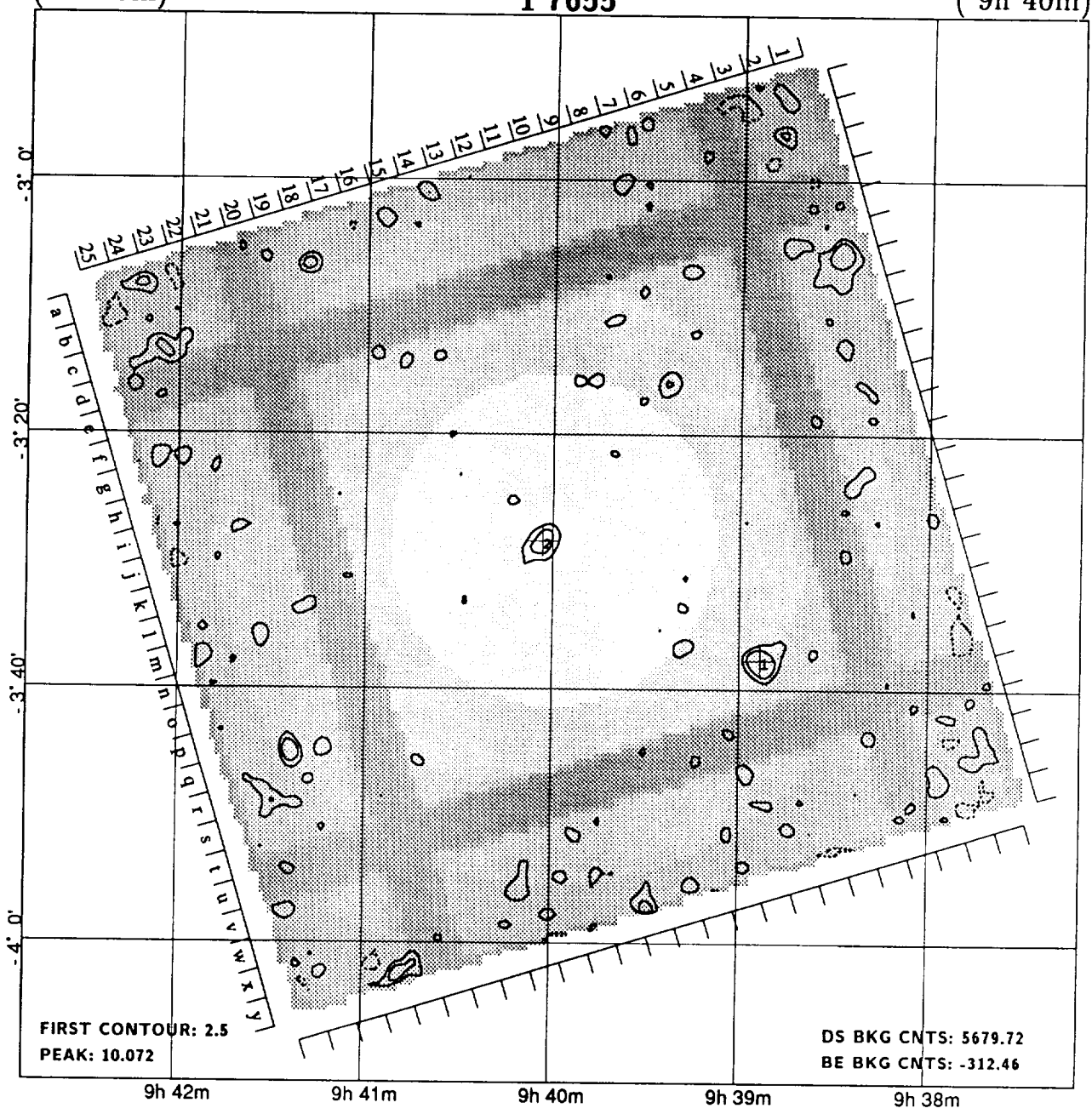
HD 084117

FIELD CENTER: $09^h39^m59.0^s$ $-23°41'23''$ (B1950)
$09^h42^m15.9^s$ $-23°55'07''$ (J2000)
ℓ: 256.70 b: 21.53

DATE: 1979/327 - 1979/330
LIVETIME: 31042.0s
ROLL ANGLE: -110.6°

NH: 4.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2167	1	09 38 11.2	-23 40 38	50	0.00544	0.00085	72.9	57.1	6.4	0.8	0	24.7	H	
2170	2	09 38 59.8	-23 21 42	48	*0.0163	0.0012	221.3	40.7	13.7	1.3	906	24.0	H	
2174	3	09 39 52.6	-23 29 16	41	0.00540	0.00069	105.0	73.0	7.9	1.2	0	12.5	H	S
2178	4	09 40 40.4	-23 48 10	48	0.00204	0.00050	41.4	62.6	4.1	0.7	0	11.9	H	
2179	5	09 41 46.7	-23 47 54	55	0.00348	0.00078	46.3	61.7	4.5	0.7	300	25.5		



NGC 2974,ELLIPTICAL & OTHER ISOLATED GALAXIES

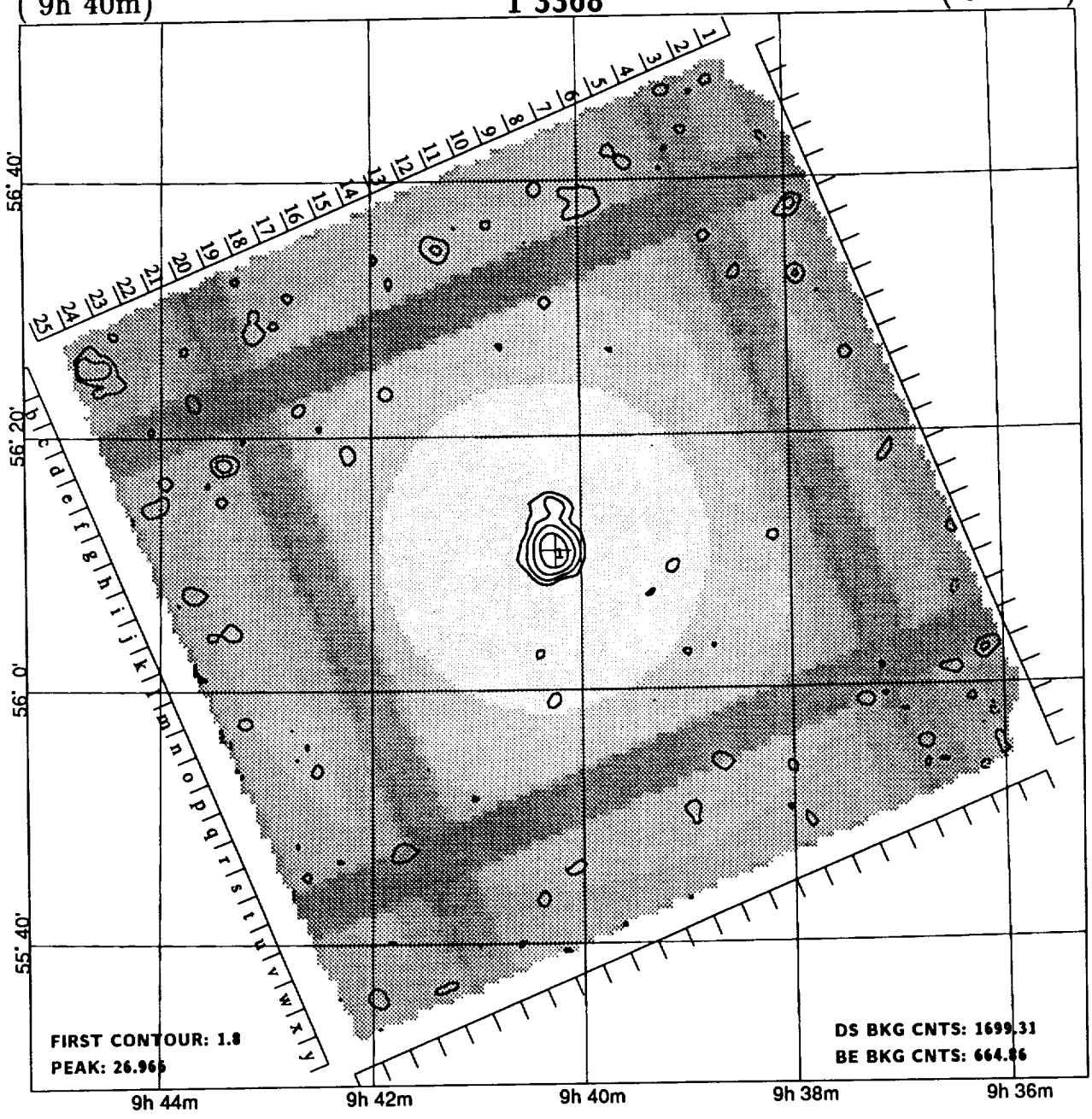
FIELD CENTER: $09^h40^m00.0^s$ $-03°28'59''$ (B1950)
$09^h42^m31.3^s$ $-03°42'44''$ (J2000)
ℓ: 239.52 b: 35.00

DATE: 1980/128 - 1980/129
LIVETIME: 4767.7s
ROLL ANGLE: 73.2°

NH: 3.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2169	1	09 38 53.3	-03 37 41	51	0.0127	0.0026	31.8	11.2	4.9	0.9	0	18.8	H	
2176	2	09 40 03.3	-03 28 22	36	0.0096	0.0020	34.0	14.0	4.9	0.8	0	1.1		G

(9h 40m) **I 3368** (9h 40m)



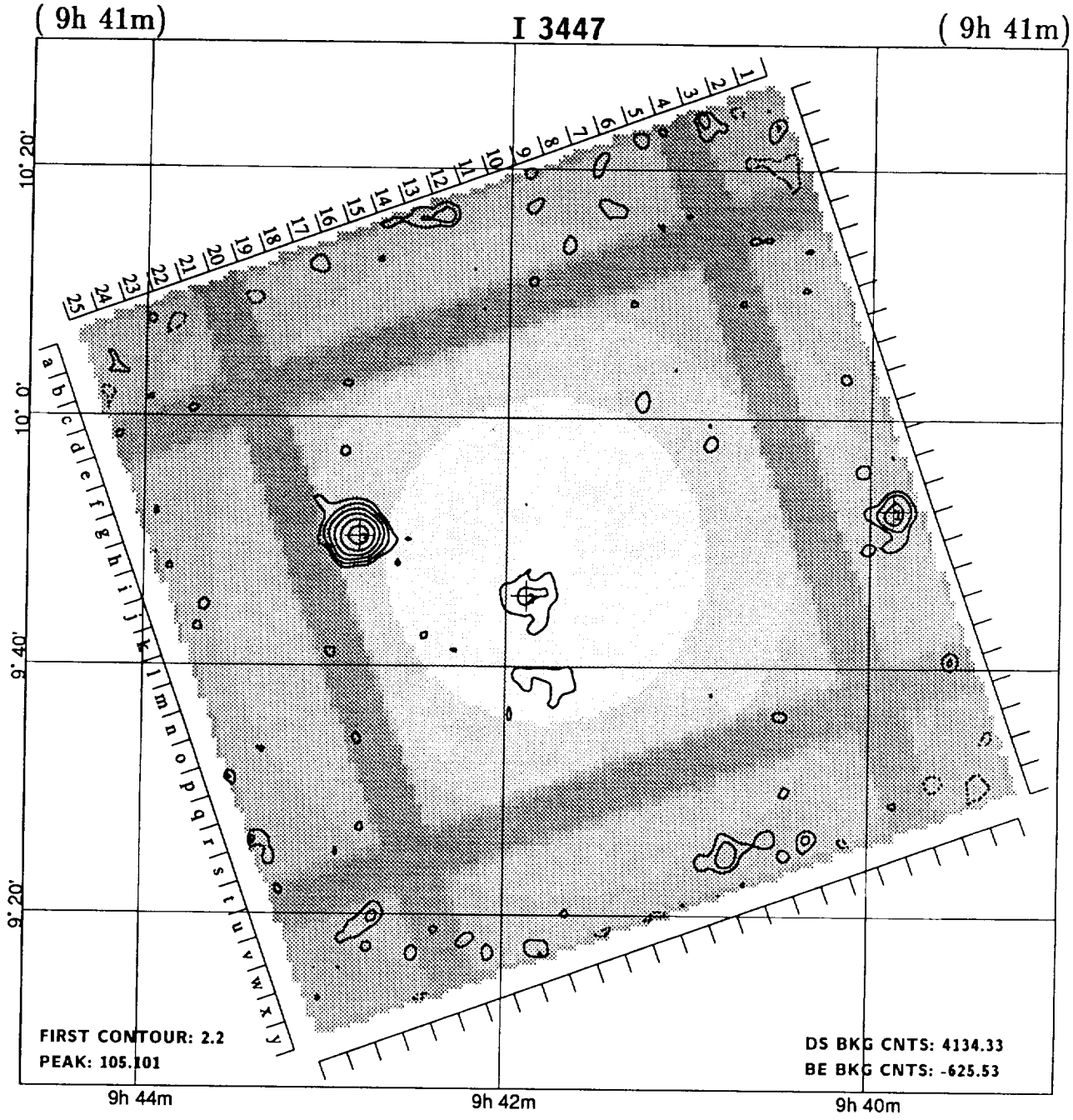
W UMA STARS: W UMA

FIELD CENTER: $09^h40^m15.0^s$ $56°10'55''$ (B1950)
$09^h43^m45.0^s$ $55°57'09''$ (J2000)
ℓ: 158.92 b: 45.90

DATE: 1980/121 - 1980/121
LIVETIME: 1426.4s
ROLL ANGLE: 67.2°

NH: 1.6E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2177	1	09 40 14.8	56 11 02	31	0.120	0.011	127.3	5.7	11.0	1.5	0	0.2	H	S



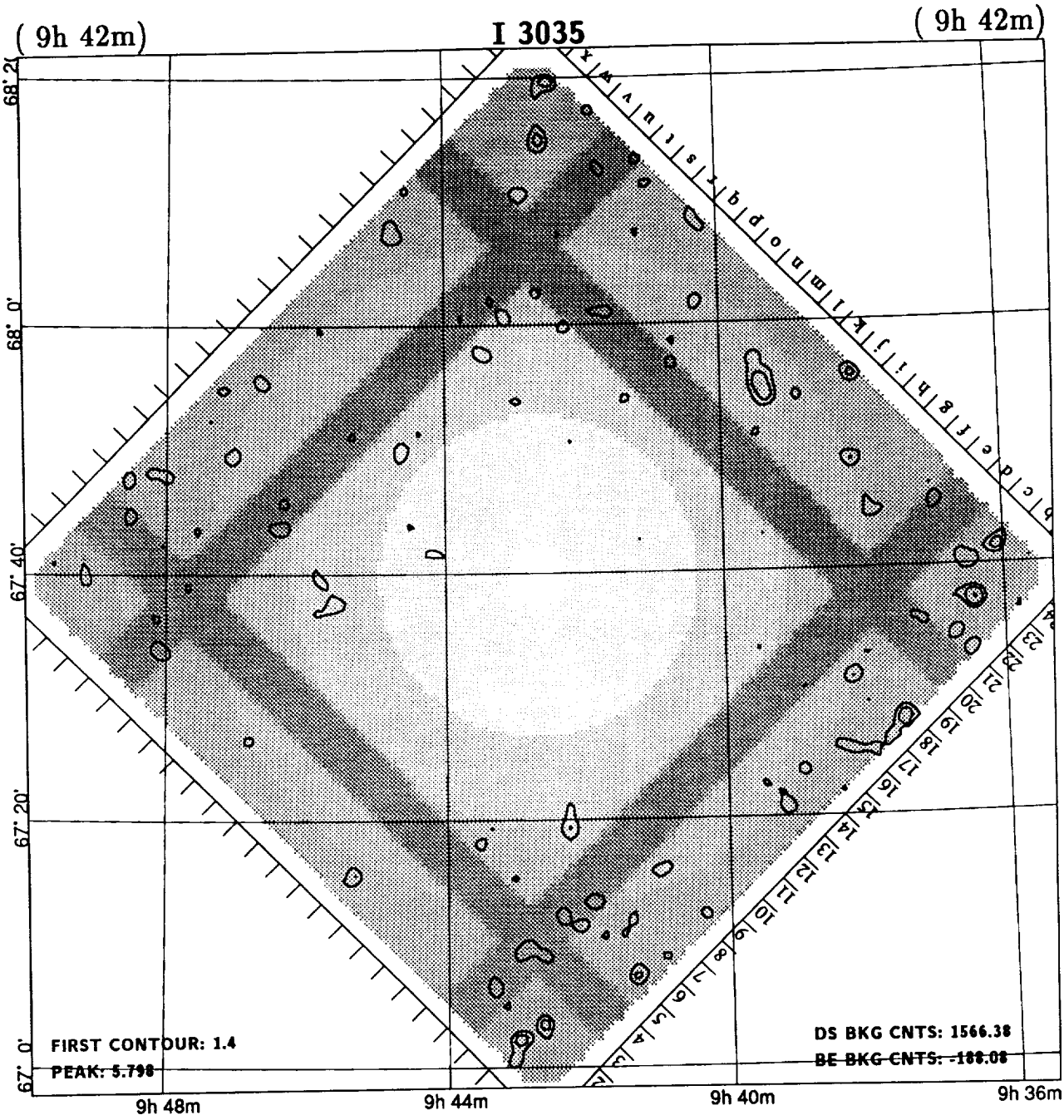
A 862,MAGNETIC FIELDS IN CLUSTERS OF GALAXIES

FIELD CENTER: $09^h41^m48.0^s$ $09°47'59''$ (B1950)
$09^h44^m28.1^s$ $09°34'11''$ (J2000)
ℓ: 225.51 b: 42.63

DATE: 1979/141 - 1979/141
LIVETIME: 3350.2s
ROLL ANGLE: 70.4°

NH: 2.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2173	1	09 39 52.4	09 52 39	53	0.0224	0.0046	28.2	5.8	4.8	1.1	0	28.8	H	
2180	2	09 41 53.2	09 45 39	37	0.0099	0.0023	24.2	6.8	4.3	1.6	0	2.3	H	
2182	3	09 42 48.8	09 50 25	47	0.1645	0.0093	322.2	6.8	17.8	1.1	0	15.3	H	

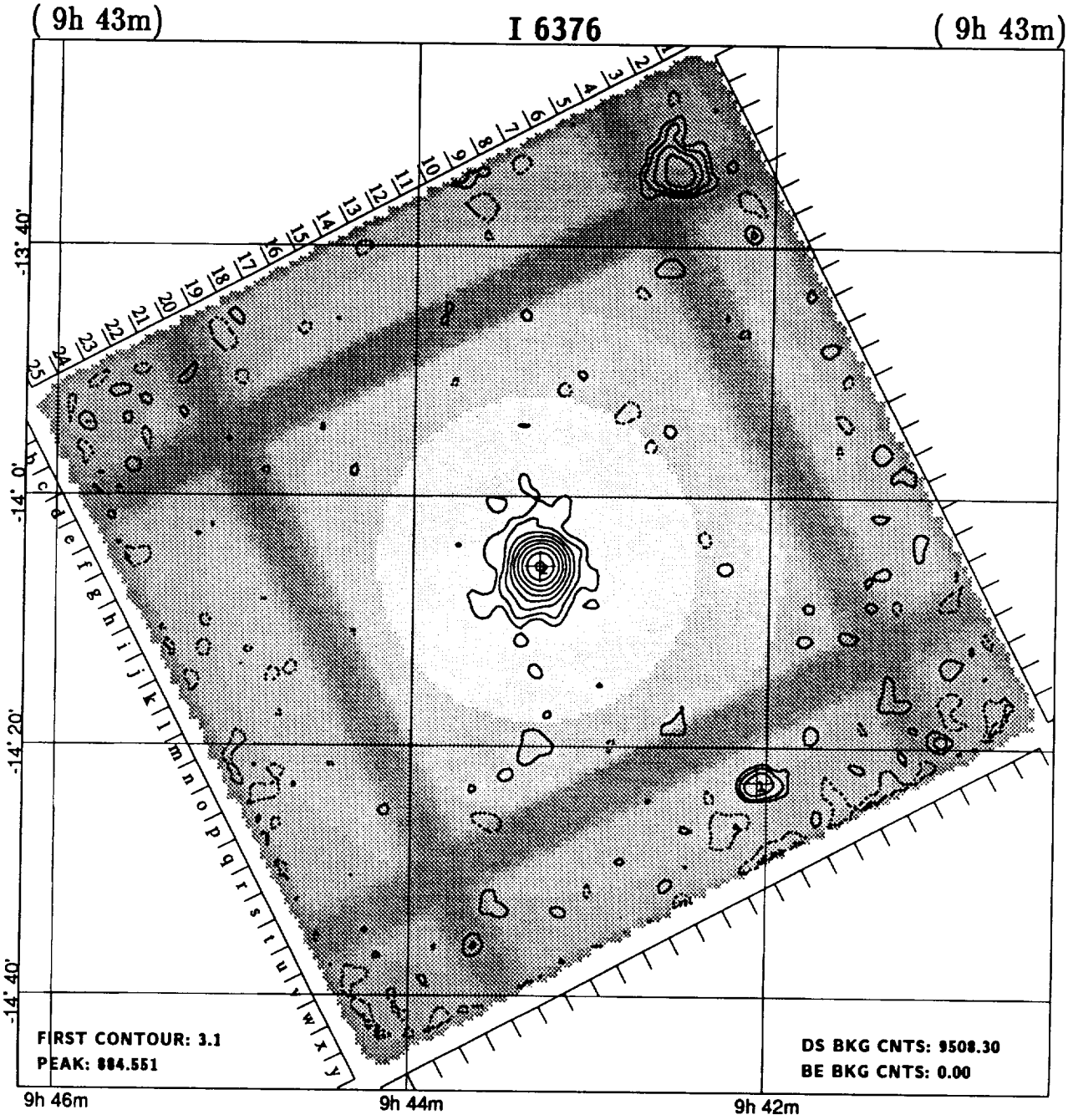


4C67.17.1: HIGH REDSHIFT CLUSTERS OF GALAXIES

FIELD CENTER: $09^h42^m39.0^s$ $67°40'24''$ (B1950)
$09^h46^m42.7^s$ $67°26'32''$ (J2000)
ℓ: 144.48 b: 41.11

DATE: 1979/117 - 1979/277
LIVETIME: 1269.3s
ROLL ANGLE: -134.9°

NH: 4.6E+20
REF/ID:
FIELD FLAGS:



NGC 2992,SEYFERT VARIABILITY STUDY

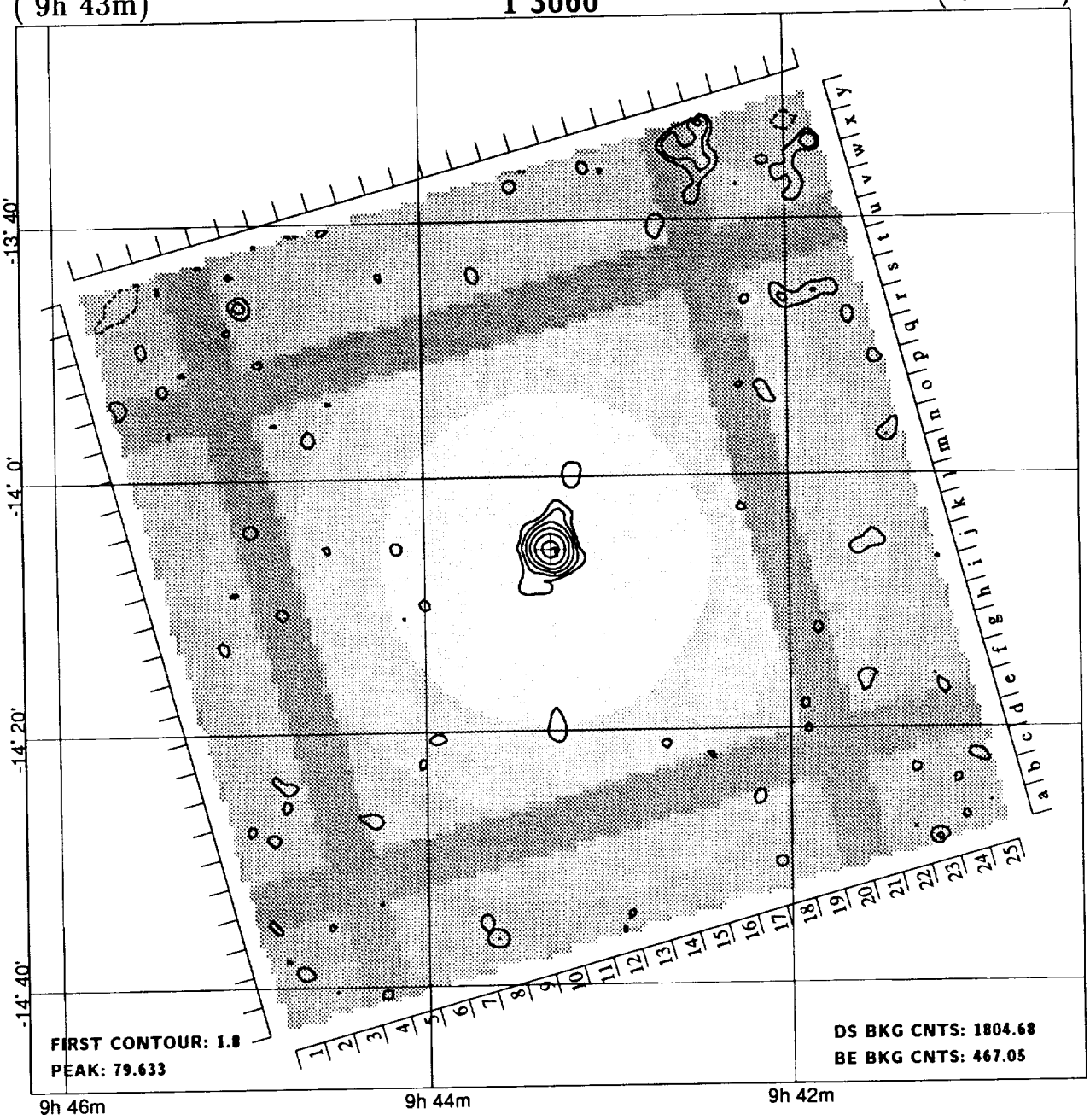
FIELD CENTER: $09^h43^m17.6^s$ $-14°05'43''$ (B1950)
$09^h45^m41.9^s$ $-14°19'36''$ (J2000)
ℓ: 249.71 b: 28.78

DATE: 1980/157 - 1980/161
LIVETIME: 7704.9s
ROLL ANGLE: 62.4°

NH: 5.2E+20
REF/ID:
FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2181	1L	09 42 03.2	-14 22 54	50	0.0176	0.0030	57.1	14.9	5.7	1.0	0	24.9	A	
2183	2L	09 43 17.2	-14 05 35	31	0.588	0.012	3381.9	141.1	51.0	1.1	0	0.2	A	SY

(9h 43m) **I 3060** (9h 43m)



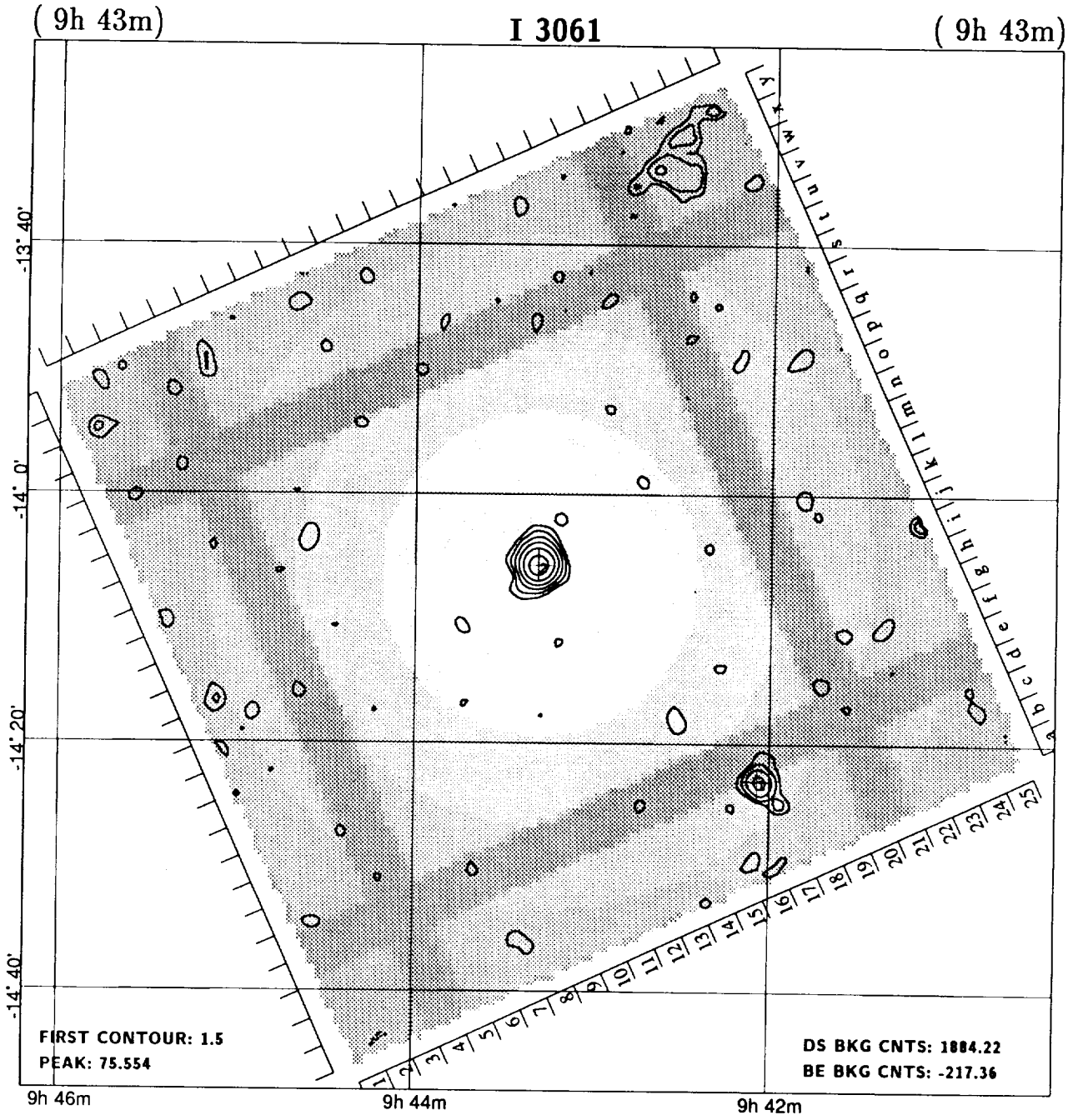
NGC 2992: NARROW EMISSION LINE GALAXIEST

FIELD CENTER: $09^h43^m18.0^s$ $-14°05'59''$ (B1950)
$09^h45^m42.3^s$ $-14°19'52''$ (J2000)
ℓ: 249.71 b: 28.78

DATE: 1979/316 - 1979/316
LIVETIME: 1462.4s
ROLL ANGLE: -105.3°

NH: 5.2E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2183	1	09 43 18.4	-14 05 42	31	0.277	0.016	301.1	5.9	17.2	1.0	0	0.4	AH	SY



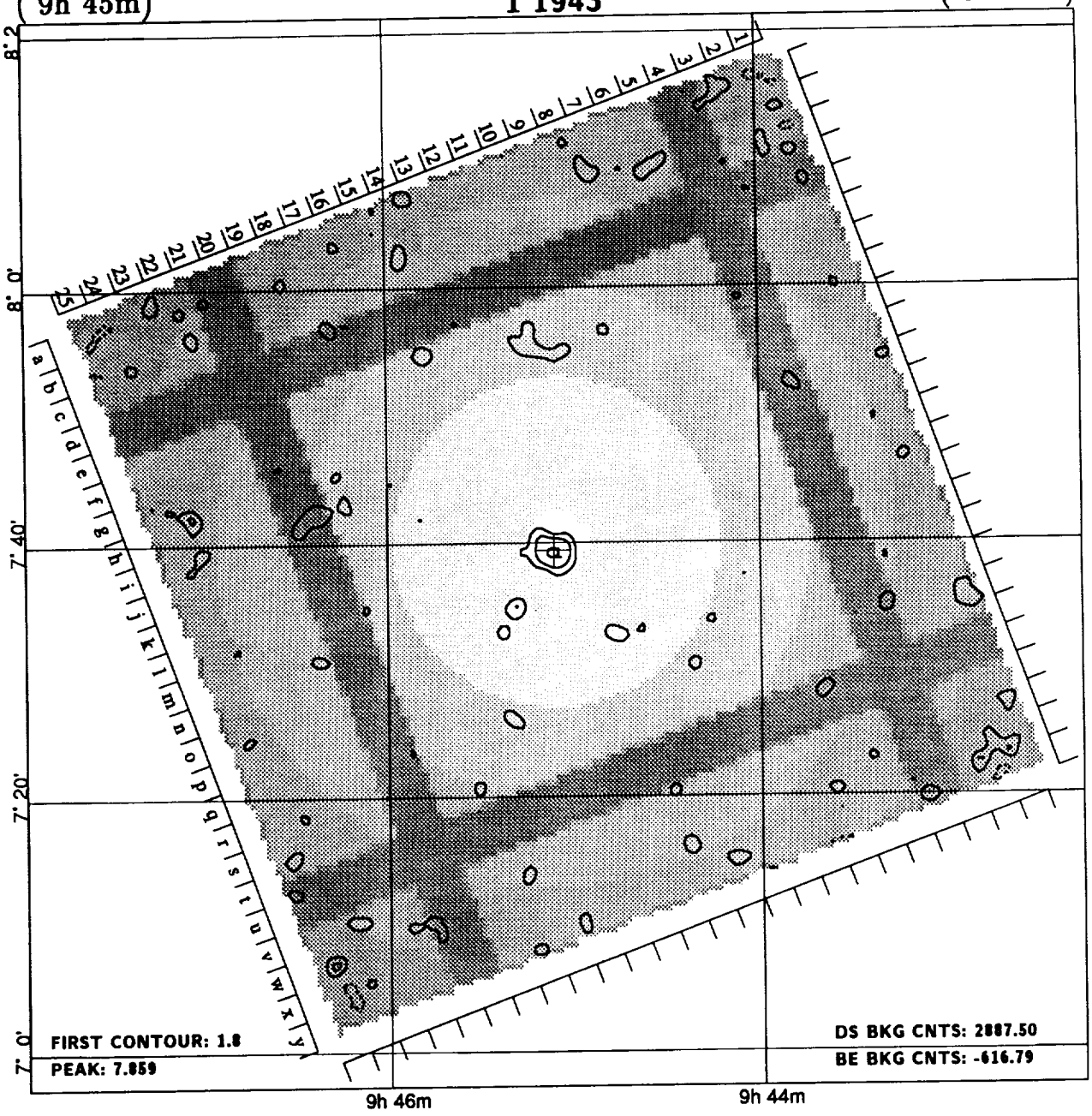
NGC 2992: NARROW EMISSION LINE GALAXIEST

FIELD CENTER: $09^h43^m18.0^s$ $-14°05'59''$ (B1950)
$09^h45^m42.3^s$ $-14°19'52''$ (J2000)
ℓ: 249.71 b: 28.78

DATE: 1979/336 - 1979/336
LIVETIME: 1526.9s
ROLL ANGLE: -114.5°

NH: 5.2E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2181	1	09 42 04.1	-14 22 59	50	*0.0425	0.0083	28.5	2.5	5.1	1.0	905	24.5	AH	
2183	2	09 43 18.5	-14 05 46	31	0.261	0.015	297.0	4.0	17.1	1.0	0	0.4	AH	SY



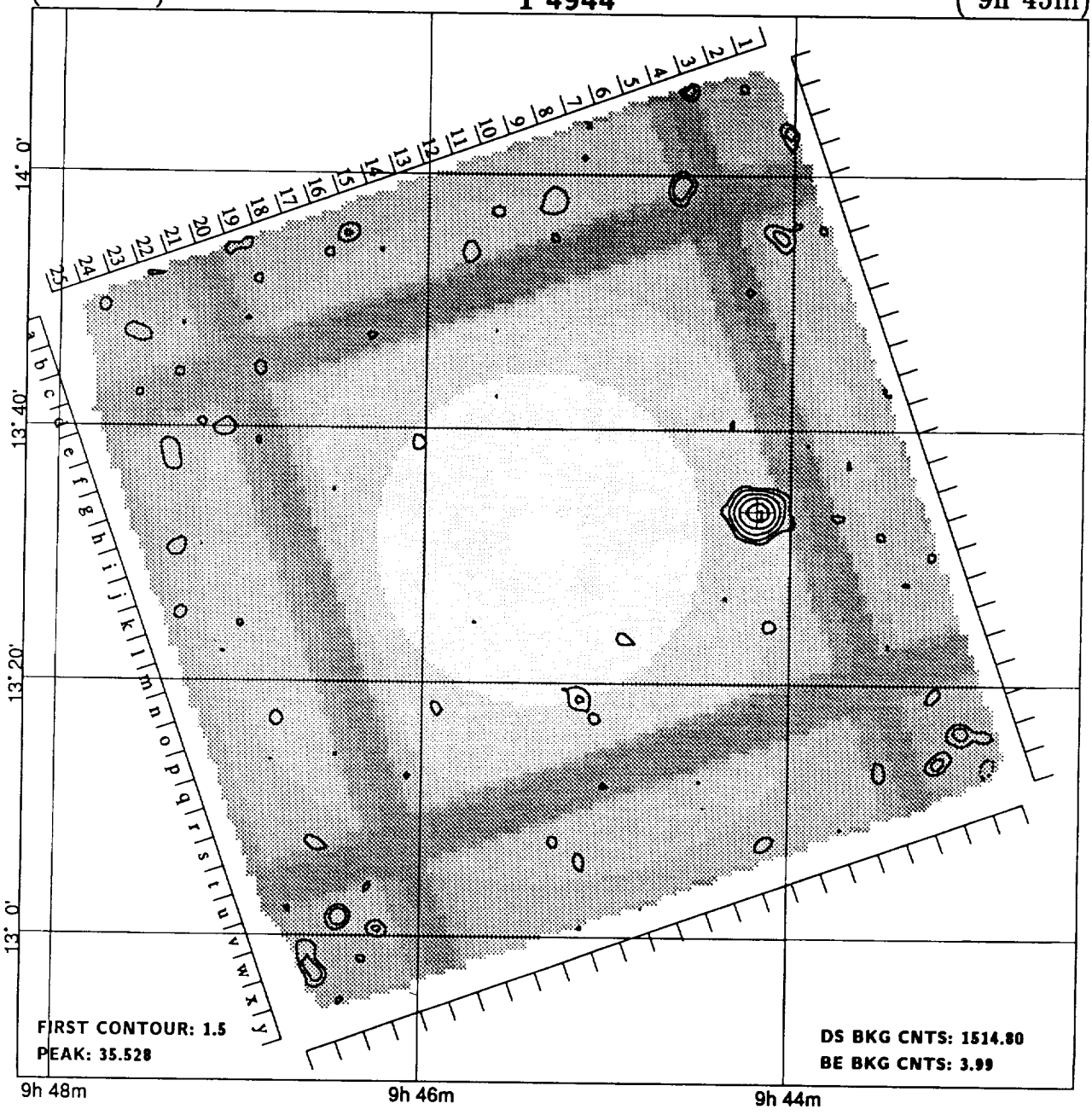
3C 227: SEYFERT AND N-TYPE GALAXIES

FIELD CENTER: $09^h45^m06.3^s$ $07°39'16''$ (B1950)
$09^h47^m44.9^s$ $07°25'20''$ (J2000)
ℓ: 228.58 b: 42.29

DATE: 1979/145 - 1979/145
LIVETIME: 2339.8s
ROLL ANGLE: 69.8°

NH: 2.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2186	1	09 45 06.4	07 39 26	36	0.0188	0.0035	32.8	5.2	5.3	1.2	0	0.2	H	



SELECTED SINGLE STARS: IRC 10216

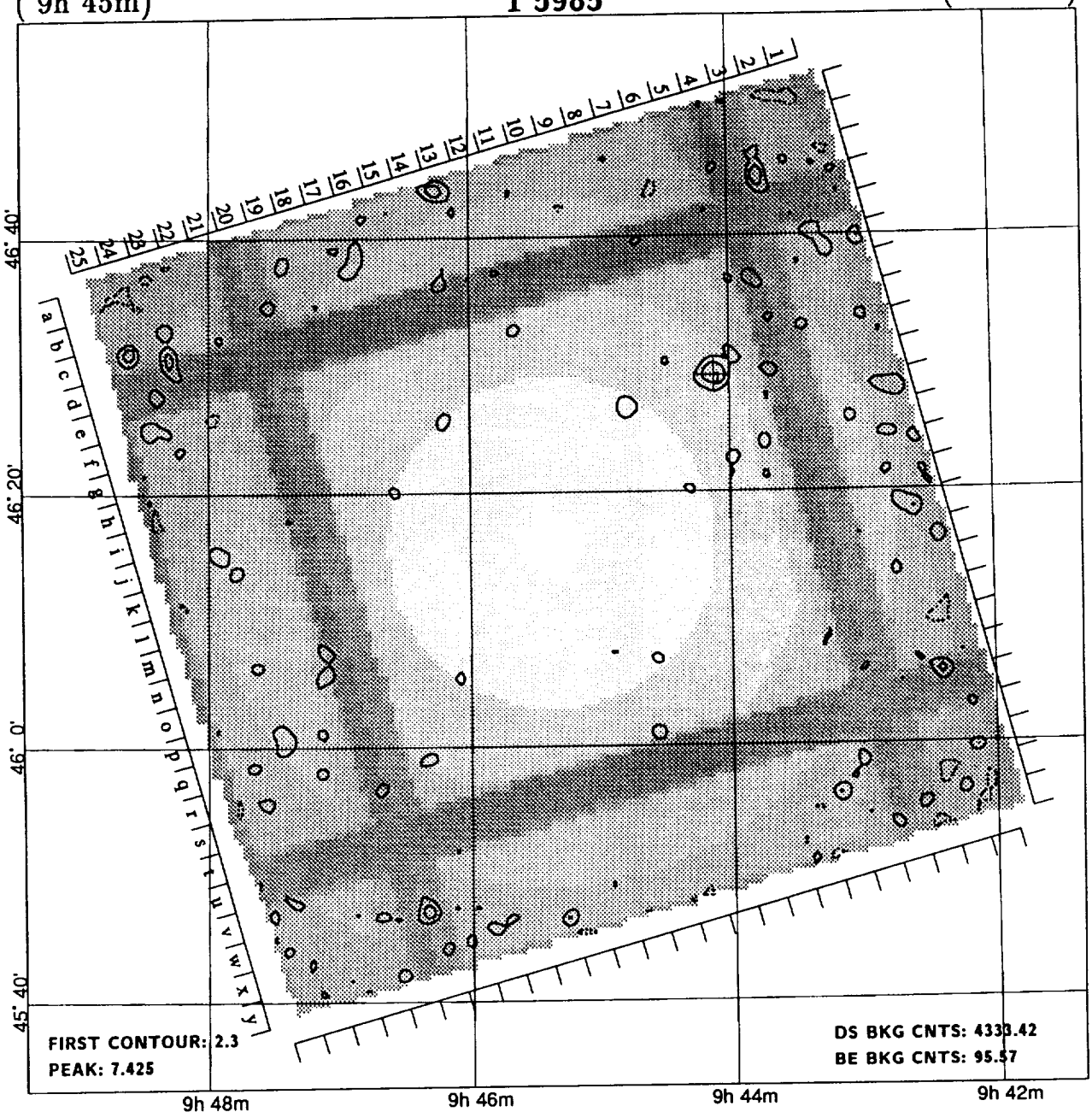
FIELD CENTER: $09^h45^m18.0^s$ $13°30'35''$ (B1950)
$09^h48^m00.5^s$ $13°16'38''$ (J2000)
ℓ: 221.46 b: 45.07

DATE: 1980/143 - 1980/143
LIVETIME: 1227.5s
ROLL ANGLE: 70.6°

NH: 3.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2185	1	09 44 11.1	13 33 38	48	0.154	0.015	104.6	2.4	10.1	1.1	100	16.7	H	

(9h 45m) **I 5985** (9h 45m)



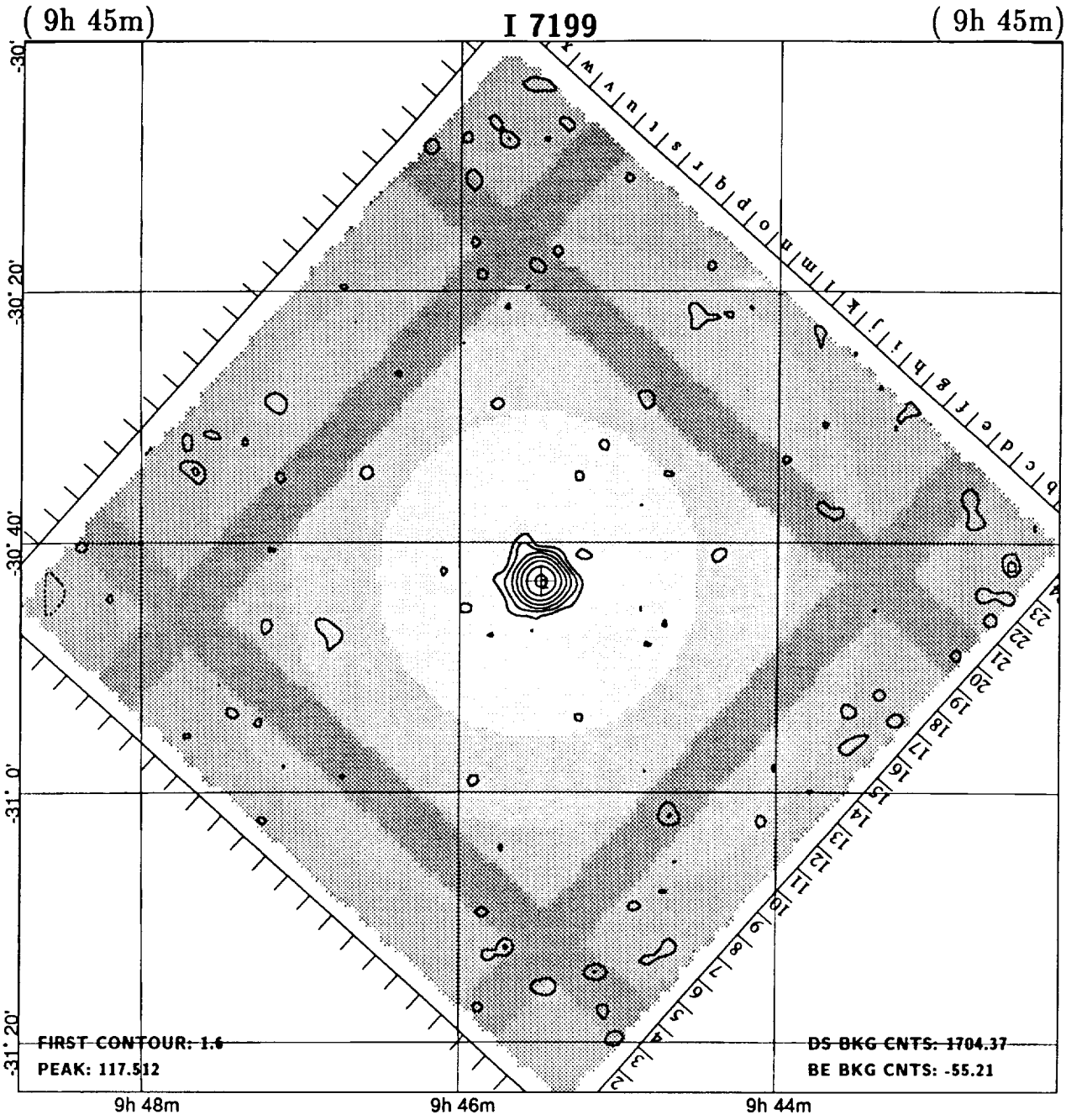
Chromospherically Inactive Stars: 368 (G2)

FIELD CENTER: $09^h45^m22.0^s$ $46°15'17''$ (B1950)
$09^h48^m33.8^s$ $46°01'19''$ (J2000)
ℓ: 172.78 b: 49.43

DATE: 1980/137 - 1980/137
LIVETIME: 3511.5s
ROLL ANGLE: 74.4°

NH: 1.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2184	1	09 44 07.2	46 29 00	52	0.0109	0.0029	20.6	8.4	3.8	0.9	0	18.9	H	



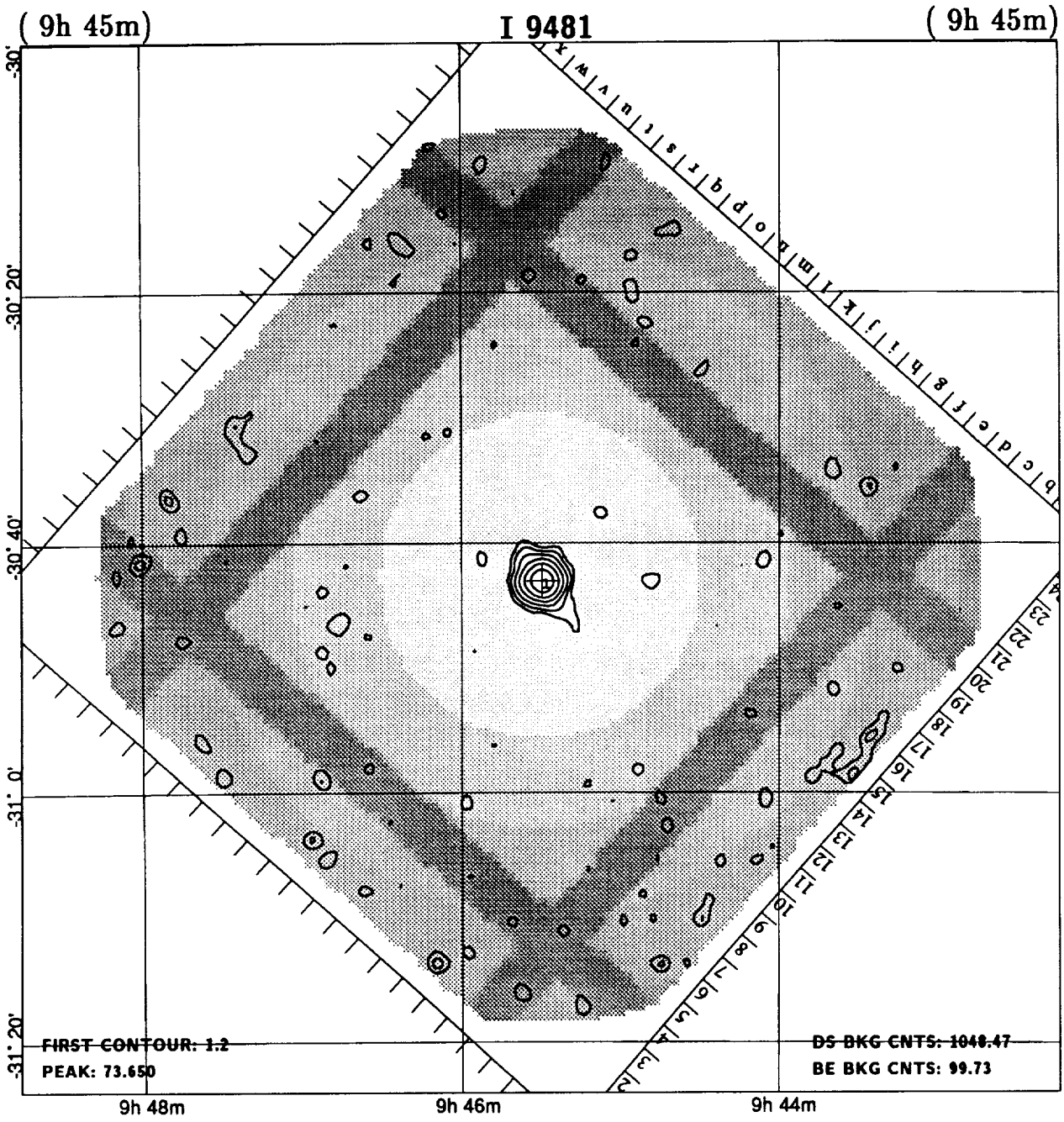
0945-30, VARIABILITY OF TYPE 2 SEYFERTS

FIELD CENTER: $09^h45^m30.0^s$ $-30°41'59''$ (B1950)
$09^h47^m41.8^s$ $-30°55'57''$ (J2000)
ℓ: 262.74 b: 17.25

DATE: 1981/ 4 - 1981/ 4
LIVETIME: 1381.1s
ROLL ANGLE: -138.3°

NH: 8.5E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2187	1	09 45 29.2	-30 43 04	31	0.456	0.021	470.2	3.8	21.6	1.2	0	0.9	AH	



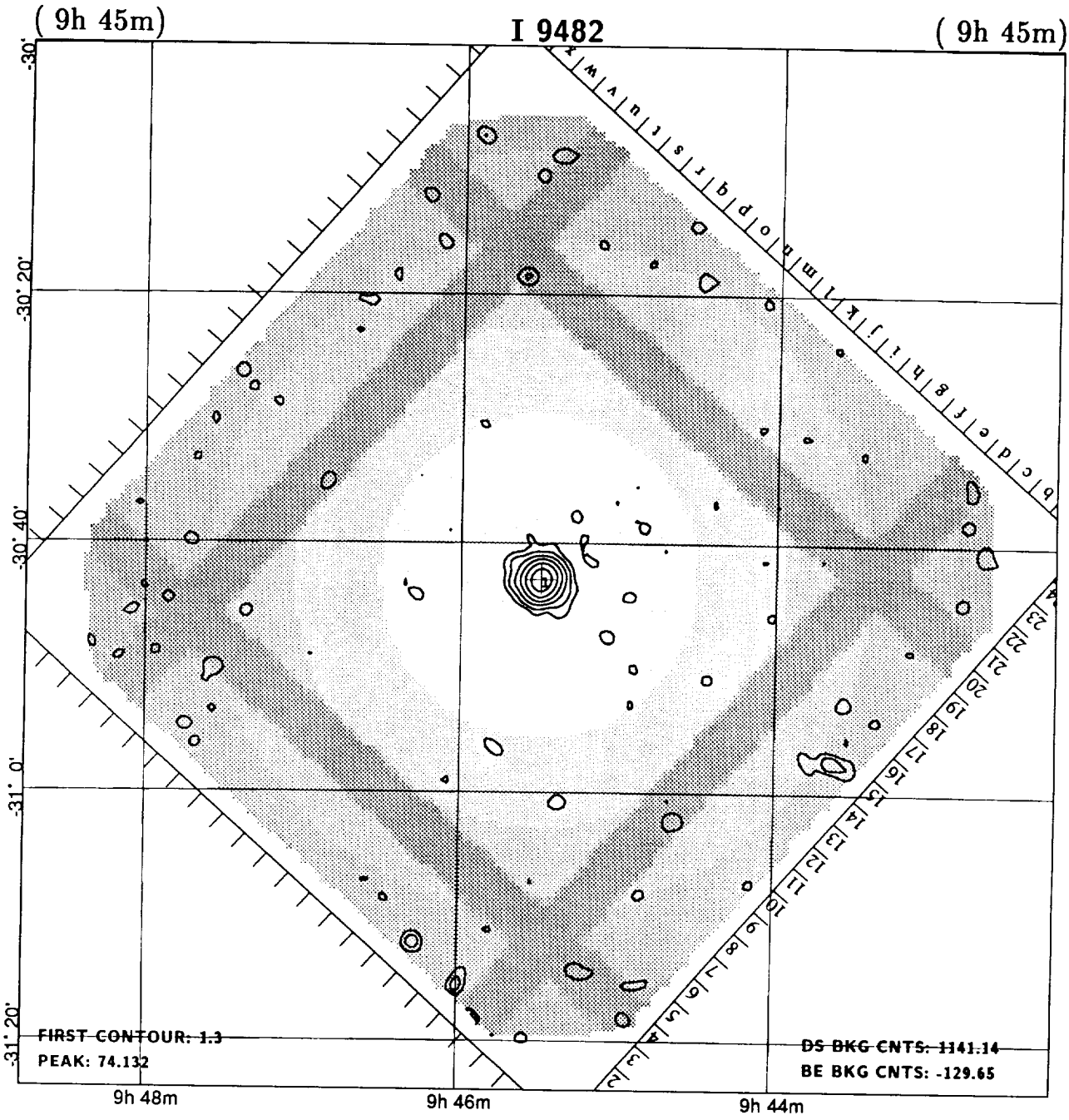
0945-30: VARIABILTY OF TYPE 2 SEYFERTS

FIELD CENTER: $09^h45^m30.0^s$ $-30°41'59''$ (B1950)
$09^h47^m41.8^s$ $-30°55'57''$ (J2000)
ℓ: 262.74 b: 17.25

DATE: 1981/ 4 - 1981/ 4
LIVETIME: 849.6s
ROLL ANGLE: -138.5°

NH: 8.5E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2187	1	09 45 29.6	-30 43 00	31	0.431	0.026	273.2	2.8	16.4	1.1	0	0.9	AH	



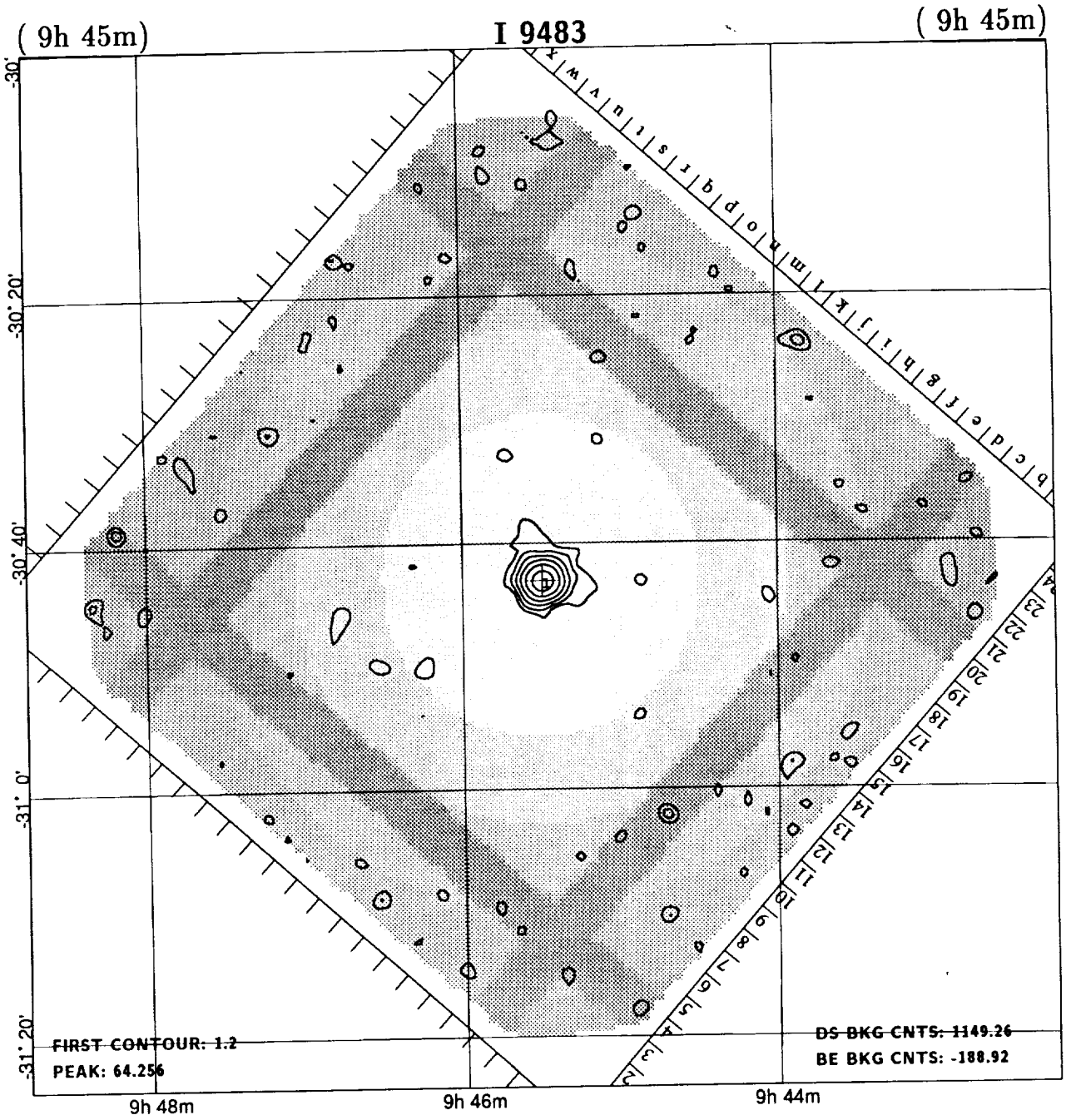
0945-30: VARIABILTY OF TYPE 2 SEYFERTS

FIELD CENTER: $09^h45^m30.0^s$ $-30°41'59''$ (B1950)
$09^h47^m41.8^s$ $-30°55'57''$ (J2000)
ℓ: 262.74 b: 17.25

DATE: 1981/ 4 - 1981/ 4
LIVETIME: 924.7s
ROLL ANGLE: -138.6°

NH: 8.5E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2187	1	09 45 29.5	-30 42 56	31	0.396	0.024	273.7	2.3	16.5	1.1	0	0.9	AH	



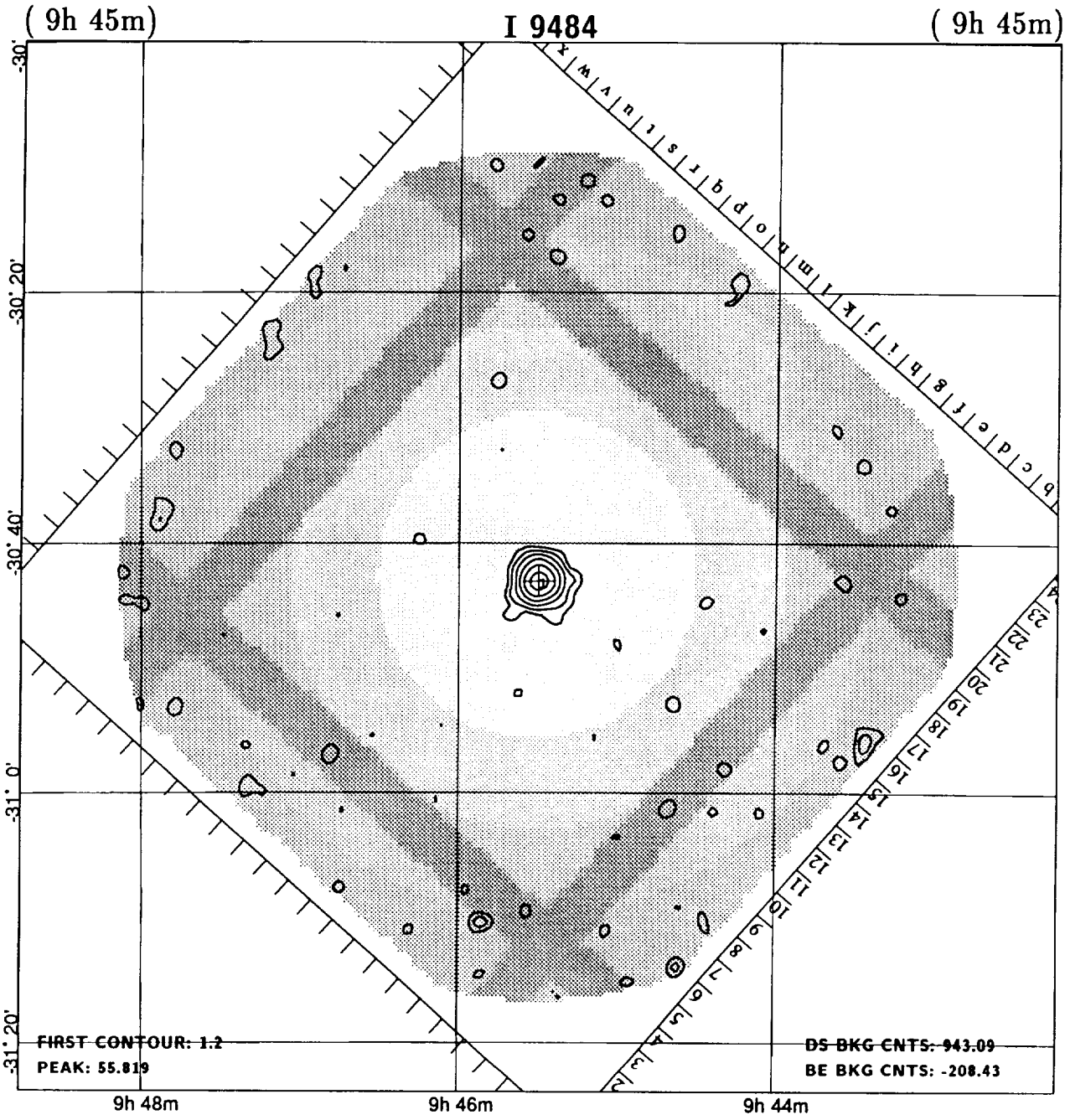
0945-30: VARIABILTY OF TYPE 2 SEYFERTS

FIELD CENTER: $09^h45^m30.0^s$ $-30°41'59''$ (B1950)
$09^h47^m41.8^s$ $-30°55'57''$ (J2000)
ℓ: 262.74 b: 17.25

DATE: 1981/ 4 - 1981/ 4
LIVETIME: 931.3s
ROLL ANGLE: -138.6°

NH: 8.5E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2187	1	09 45 29.5	-30 43 02	31	0.364	0.023	252.8	2.2	15.8	1.2	0	0.9	AH	



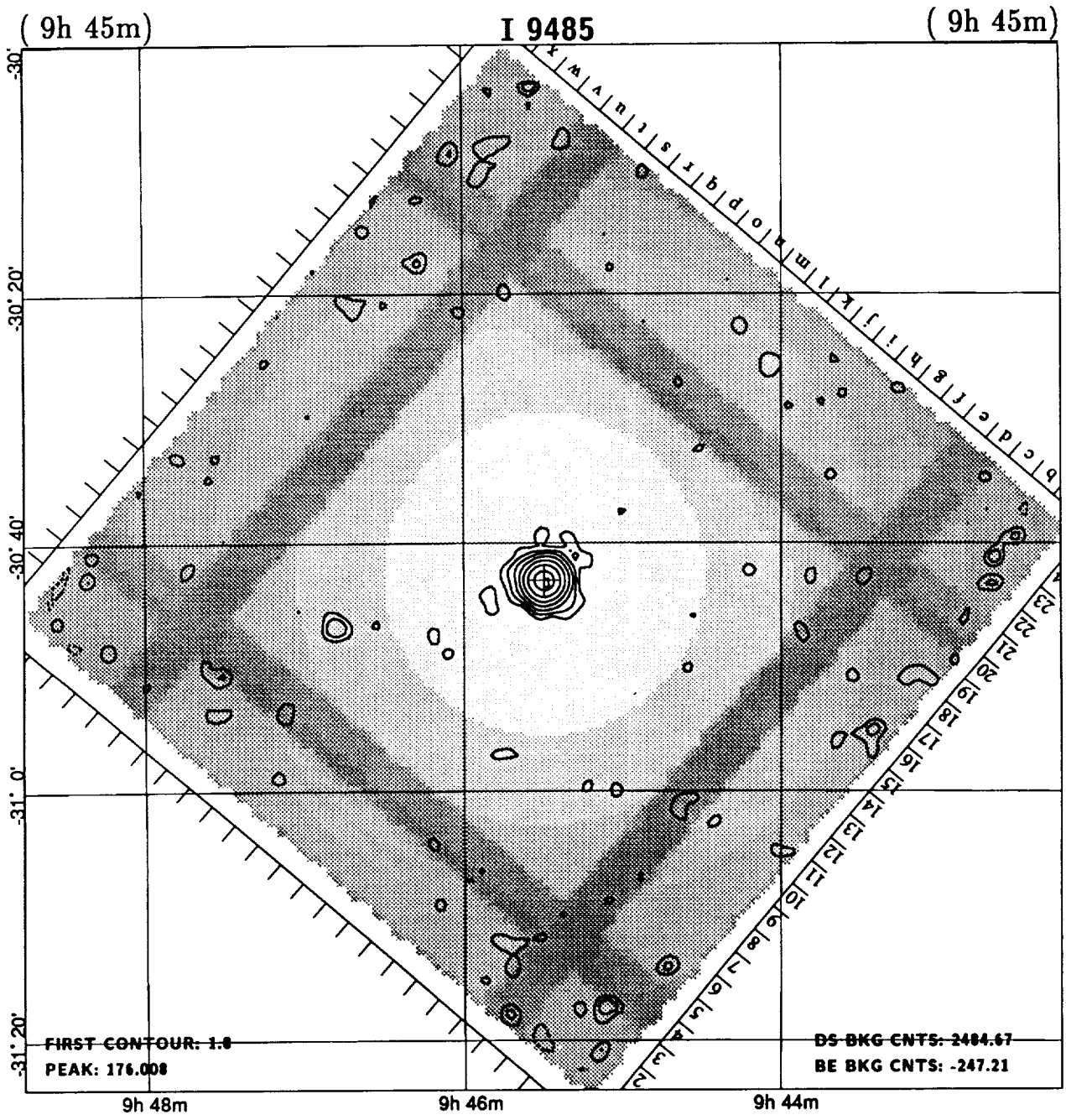
0945-30: VARIABILTY OF TYPE 2 SEYFERTS

FIELD CENTER: $09^h45^m30.0^s$ $-30°41'59''$ **(B1950)**
$09^h47^m41.8^s$ $-30°55'57''$ **(J2000)**
ℓ: **262.74** b: **17.25**

DATE: 1981/ 4 - 1981/ 4
LIVETIME: 764.2s
ROLL ANGLE: -138.7°

NH: 8.5E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2187	1	09 45 29.7	-30 43 02	31	0.353	0.025	201.4	1.6	14.1	1.2	0	0.9	AH	



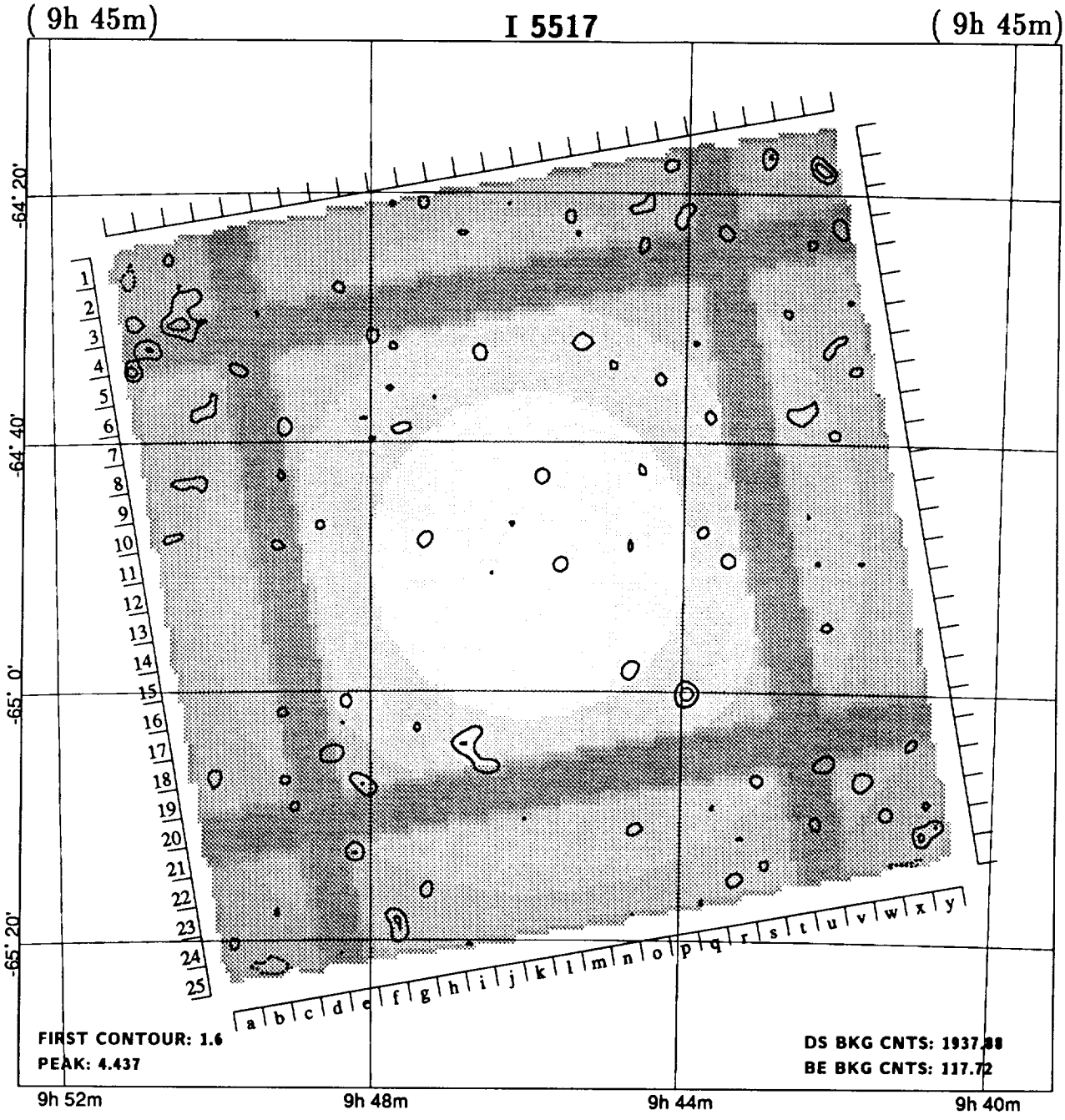
0945-30: VARIABILTY OF TYPE 2 SEYFERTS

FIELD CENTER: $09^h45^m30.0^s$ $-30°41'59''$ (B1950)
$09^h47^m41.8^s$ $-30°55'57''$ (J2000)
ℓ: 262.74 b: 17.25

DATE: 1981/ 5 - 1981/ 5
LIVETIME: 2013.4s
ROLL ANGLE: -139.7°

NH: 8.5E+20
REF/ID:
FIELD FLAGS: C

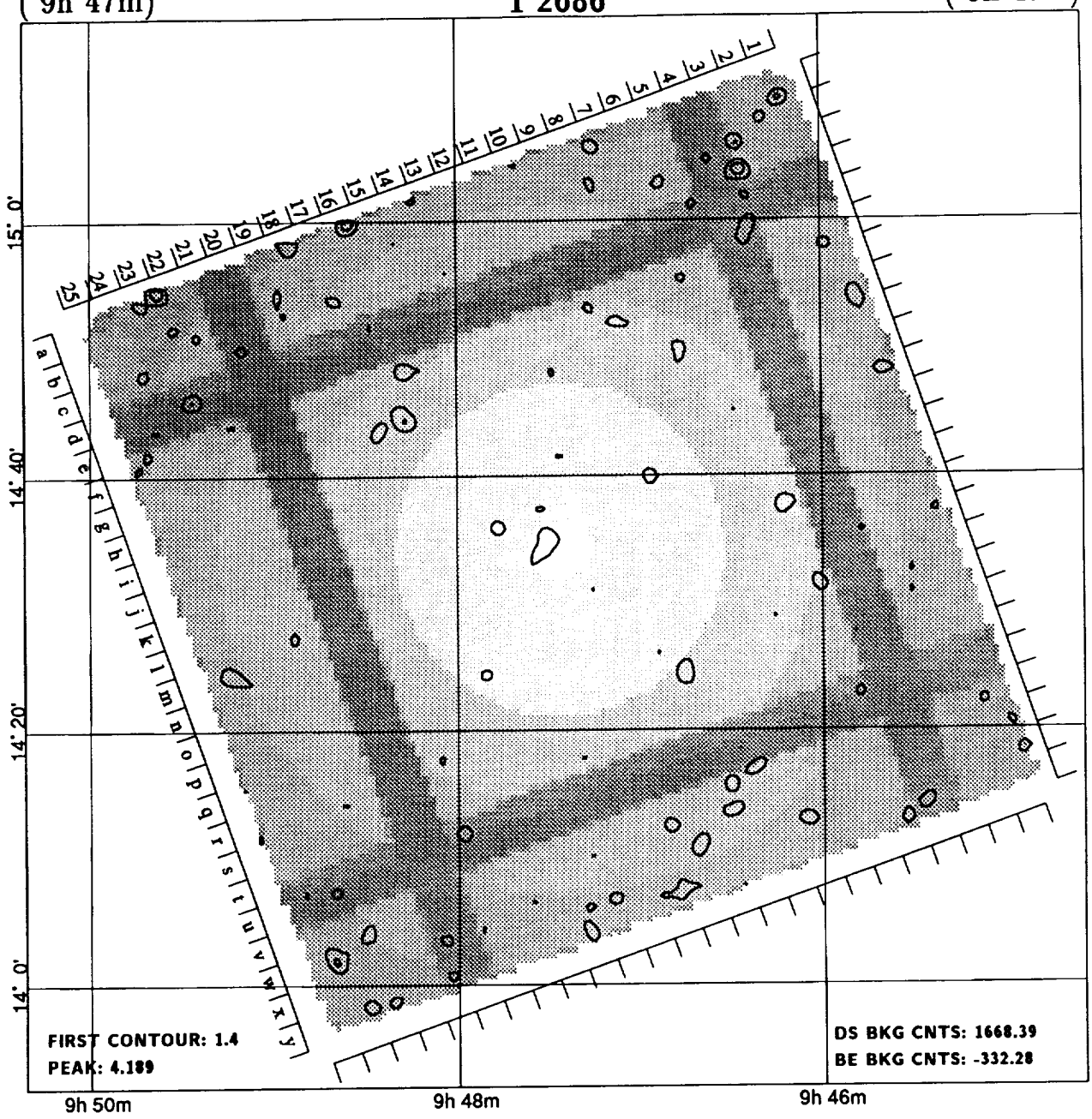
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2187	1	09 45 29.6	-30 42 58	31	0.465	0.018	696.9	5.1	26.3	1.2	0	0.9	AH	



Nu CAR

FIELD CENTER:	$09^h45^m51.0^s$ -64°49'59" (B1950)	**DATE:** 1980/240 - 1980/240	**NH:** 1.4E+21
	$09^h47^m06.0^s$ -65°03'56" (J2000)	**LIVETIME:** 1570.3s	**REF/ID:**
	ℓ: 285.03 b: -8.81	**ROLL ANGLE:** -9.9°	**FIELD FLAGS:**

(9h 47m) **I 2686** (9h 47m)

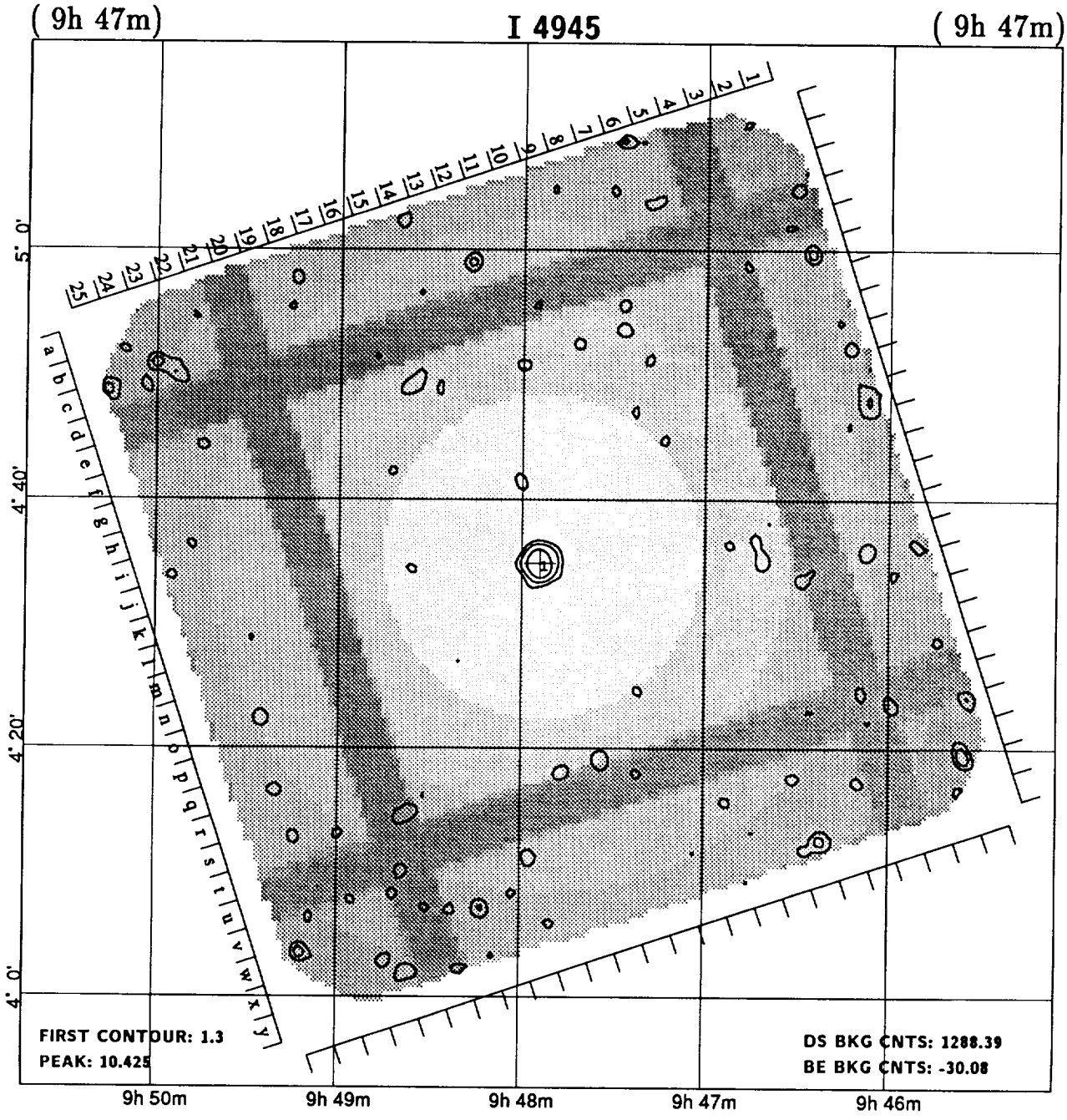


3C 228.0: BRIGHT X-GALACTIC RADIO SOURCESS

FIELD CENTER: $09^h47^m28.0^s$ $14°34'01''$ (B1950)
$09^h50^m11.0^s$ $14°19'59''$ (J2000)
ℓ: 220.40 b: 45.99

DATE: 1979/143 - 1979/143
LIVETIME: 1351.9s
ROLL ANGLE: 70.7°

NH: 3.2E+20
REF/ID: !
FIELD FLAGS:



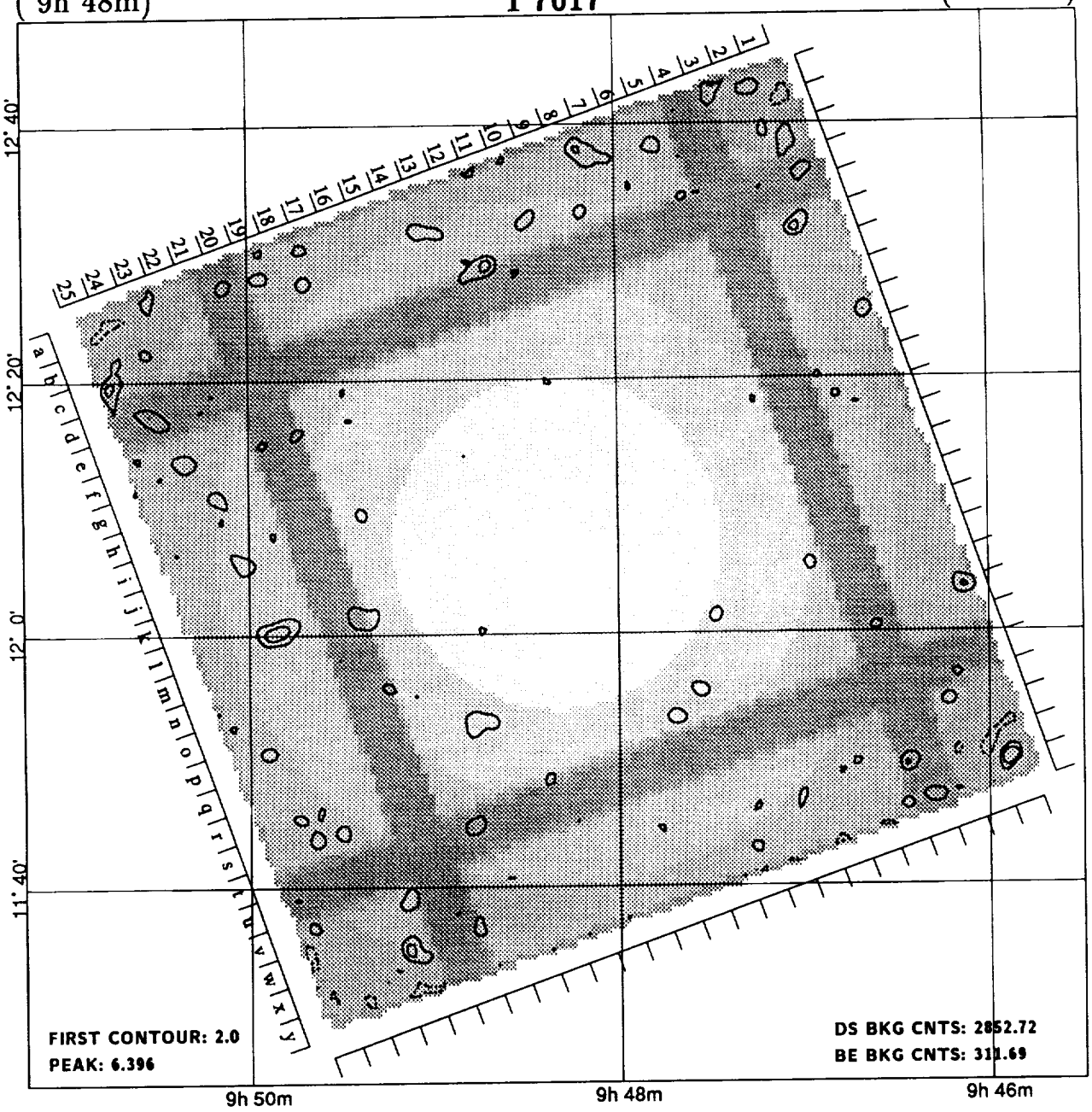
SELECTED SINGLE STARS: 4 SEX (HD 85217)

FIELD CENTER: $09^h47^m54.0^s$ $04°34'42''$ (B1950)
$09^h50^m30.5^s$ $04°20'39''$ (J2000)
ℓ: 232.58 b: 41.26

DATE: 1980/151 - 1980/152
LIVETIME: 1044.0s
ROLL ANGLE: 71.8°

NH: 3.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2189	1	09 47 54.0	04 34 49	35	0.0565	0.0088	43.9	3.1	6.4	1.0	0	0.2	H	S

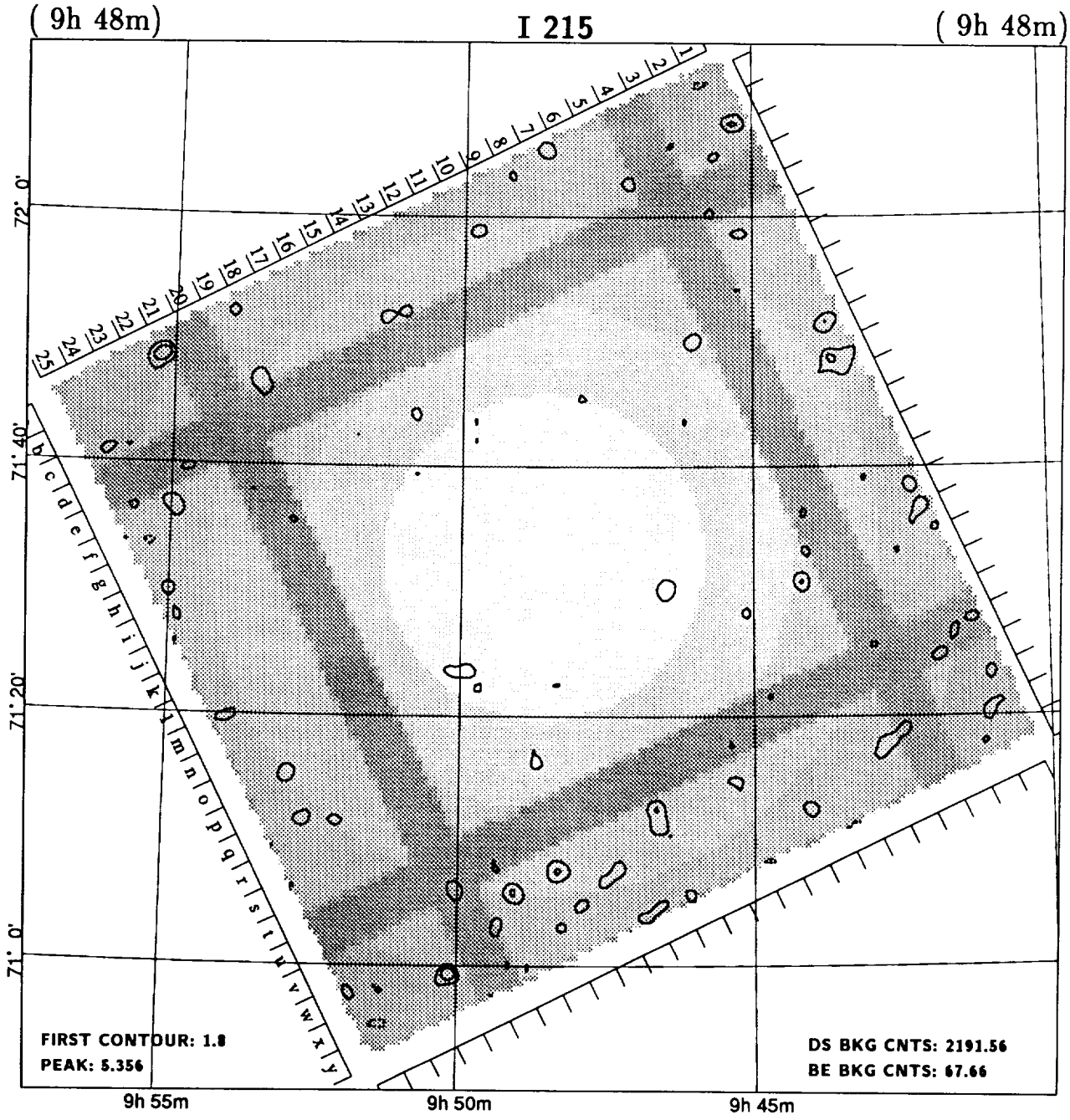


X LEO,CATACLYSMIC VARIABLES

FIELD CENTER: $09^h48^m21.0^s$ 12°06′35″ (B1950)
$09^h51^m02.4^s$ 11°52′31″ (J2000)
ℓ: 223.70 b: 45.12

DATE: 1980/131 - 1980/131
LIVETIME: 2394.7s
ROLL ANGLE: 70.5°

NH: 2.8E+20
REF/ID:
FIELD FLAGS:

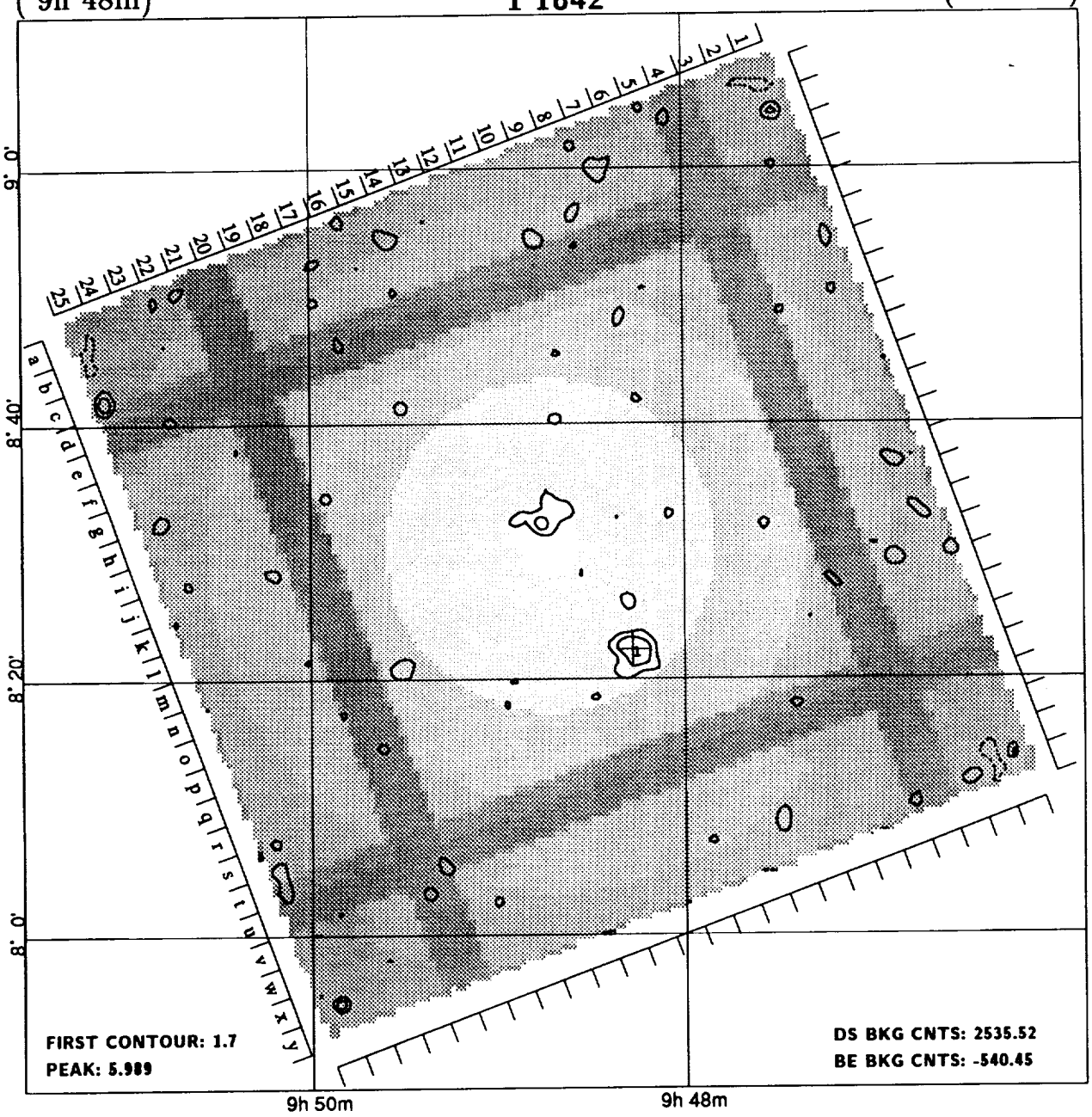


A 873 CLUSTER EVOLUTION

FIELD CENTER: $09^h48^m37.0^s$ $71°31'59''$ (B1950)
$09^h52^m56.9^s$ $71°17'52''$ (J2000)
ℓ: 139.88 b: 39.42

DATE: 1979/117 - 1979/117
LIVETIME: 1775.9s
ROLL ANGLE: 63.9°

NH: 3.4E+20
REF/ID:
FIELD FLAGS:



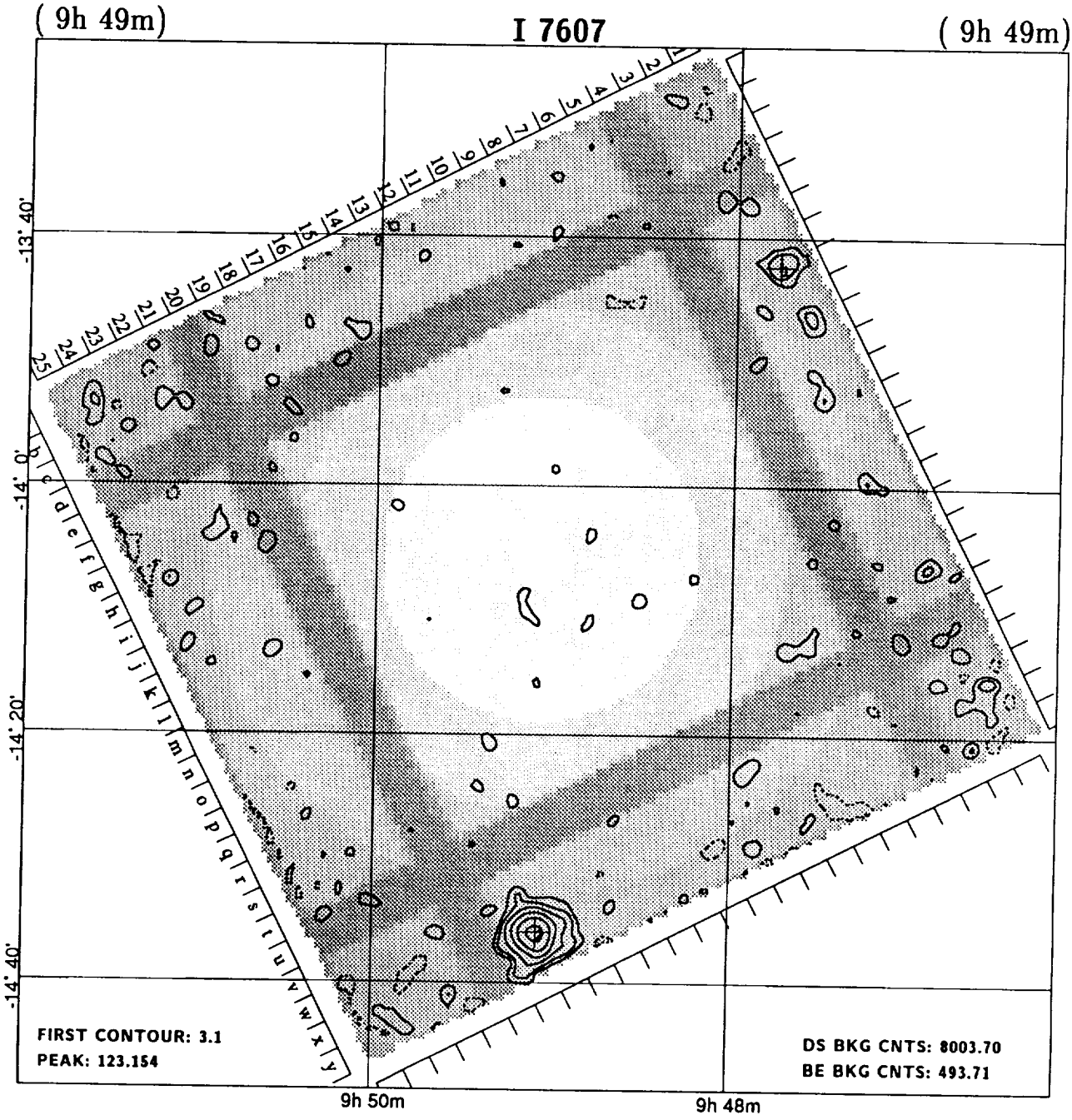
A882: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: $09^h48^m42.0^s$ $08°29'59''$ (B1950)
$09^h51^m21.0^s$ $08°15'54''$ (J2000)
ℓ: 228.19 b: 43.48

DATE: 1979/145 - 1979/145
LIVETIME: 2054.6s
ROLL ANGLE: 69.8°

NH: 3.0E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2190	1	09 48 16.8	08 22 24	43	0.0173	0.0039	23.6	4.4	4.5	1.3	0	9.5	AH	S



39 HYA,SELECTED LATE-TYPE STARS W/CHROMOSPHERIC ACTIVITY

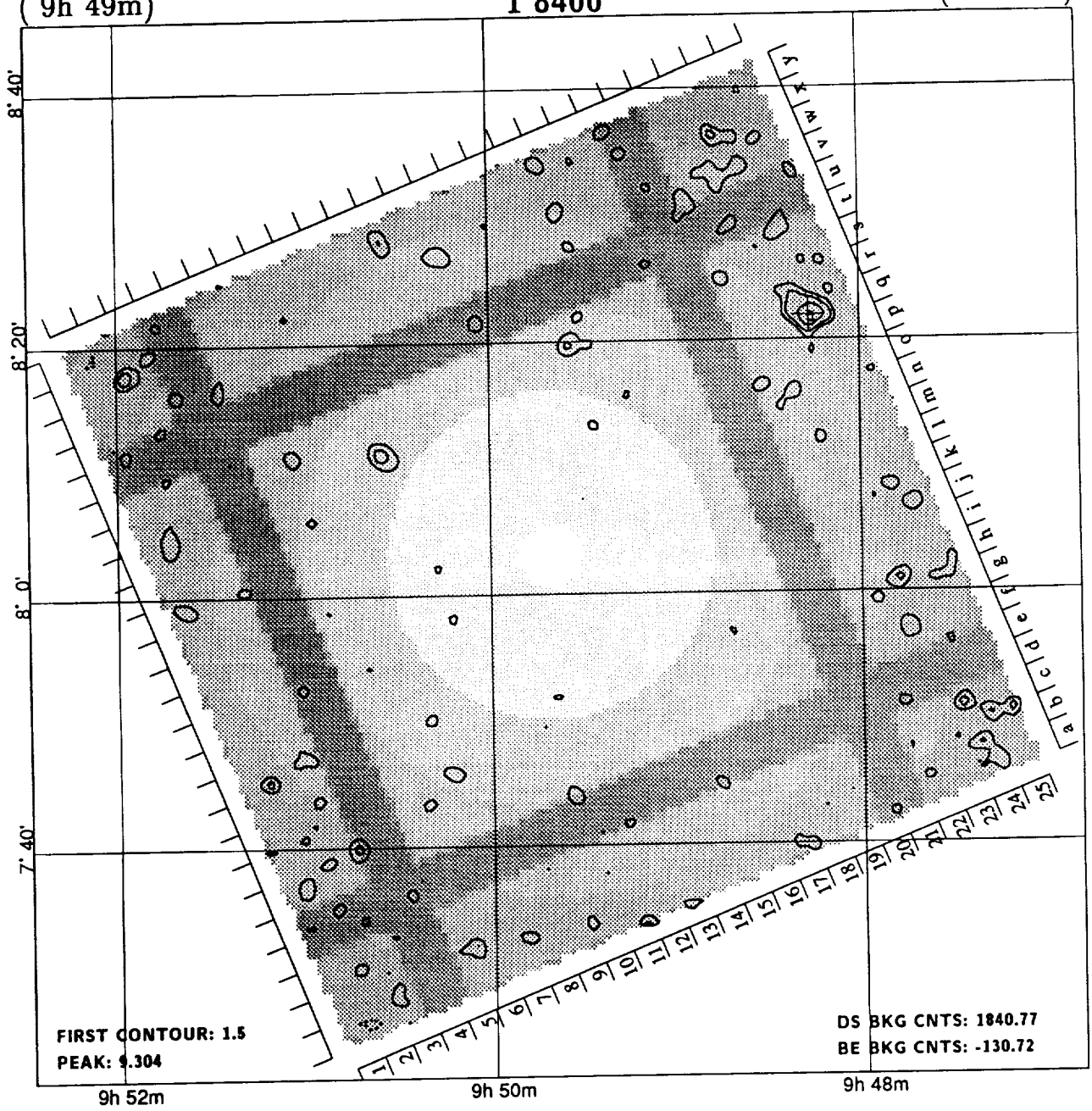
FIELD CENTER: $09^h49^m04.3^s$ $-14°06'39''$ (B1950)
$09^h51^m28.9^s$ $-14°20'45''$ (J2000)
ℓ: 250.82 b: 29.79

DATE: 1980/158 - 1980/159
LIVETIME: 6485.7s
ROLL ANGLE: 63.1°

NH: 5.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2188	1	09 47 45.7	-13 42 17	55	0.0103	0.0027	22.8	14.2	3.8	0.9	100	31.0	H	
2191	2	09 49 04.5	-14 35 58	47	0.1116	0.0072	253.4	15.6	15.4	1.4	0	29.2	H	

(9h 49m) **I 8400** (9h 49m)



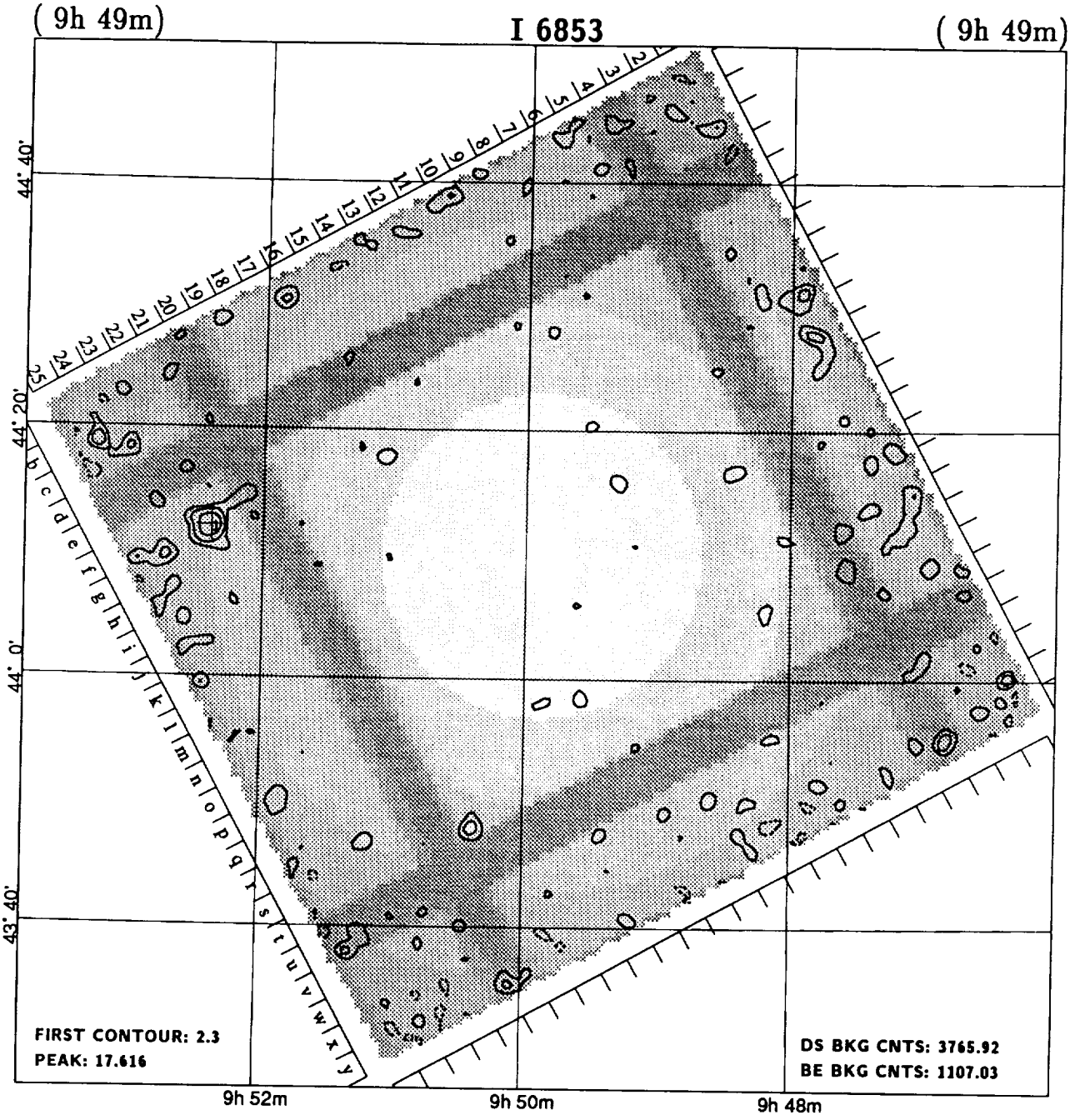
CPG 217,BLUE COMPACT DWARF GALAXIES

FIELD CENTER: $09^h49^m39.0^s$ $08°03'41''$ (B1950)
$09^h52^m17.7^s$ $07°49'34''$ (J2000)
ℓ: 228.88 b: 43.46

DATE: 1980/348 - 1980/348
LIVETIME: 1491.6s
ROLL ANGLE: -111.9°

NH: 3.0E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2190	1	09 48 16.3	08 21 51	52	0.0322	0.0081	18.3	2.7	4.0	1.1	0	27.4	AH	S



C1 0949+44,OBSERVATIONS OF BUTCHER-OEMLER CLUSTERS

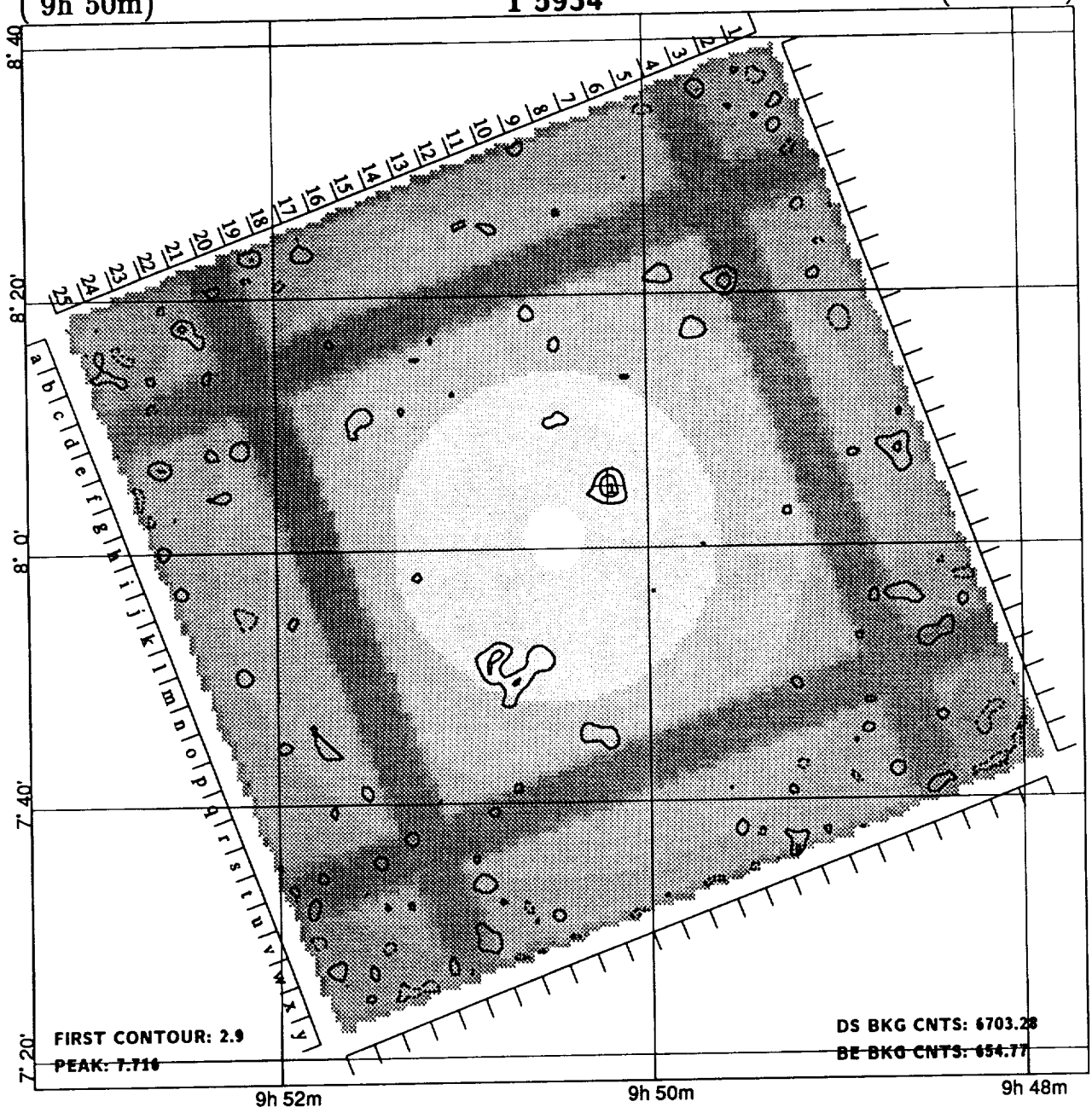
FIELD CENTER: $09^h49^m54.0^s$ $44°08'59''$ (B1950)
$09^h53^m02.1^s$ $43°54'51''$ (J2000)
ℓ: 175.77 b: 50.60

DATE: 1980/112 - 1980/112
LIVETIME: 3161.2s
ROLL ANGLE: 61.3°

NH: 1.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2198	1	09 52 23.4	44 12 12	51	0.0272	0.0052	34.1	8.9	5.2	1.1	100	27.0	H	

(9h 50m) **I 5934** (9h 50m)



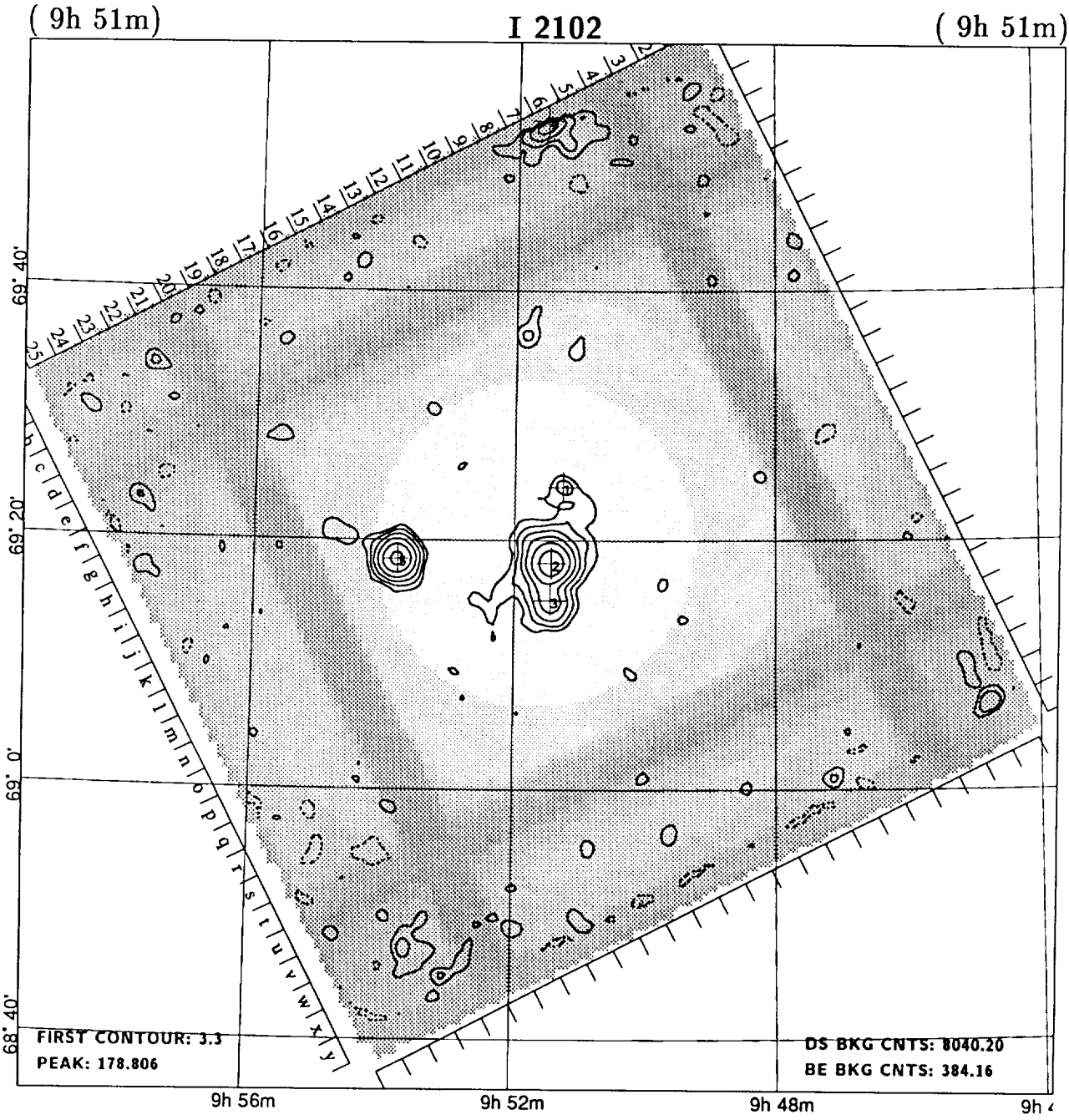
RADIO PULSAR PROJECT:

FIELD CENTER: $09^h50^m30.0^s$ $07°59'59''$ (B1950)
$09^h53^m08.6^s$ $07°45'50''$ (J2000)
ℓ: 229.10 b: 43.61

DATE: 1980/149 - 1980/149
LIVETIME: 5431.9s
ROLL ANGLE: 69.4°

NH: 3.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2192	1	09 50 13.0	08 04 51	42	0.0087	0.0019	33.4	19.6	4.6	0.8	0	6.6		



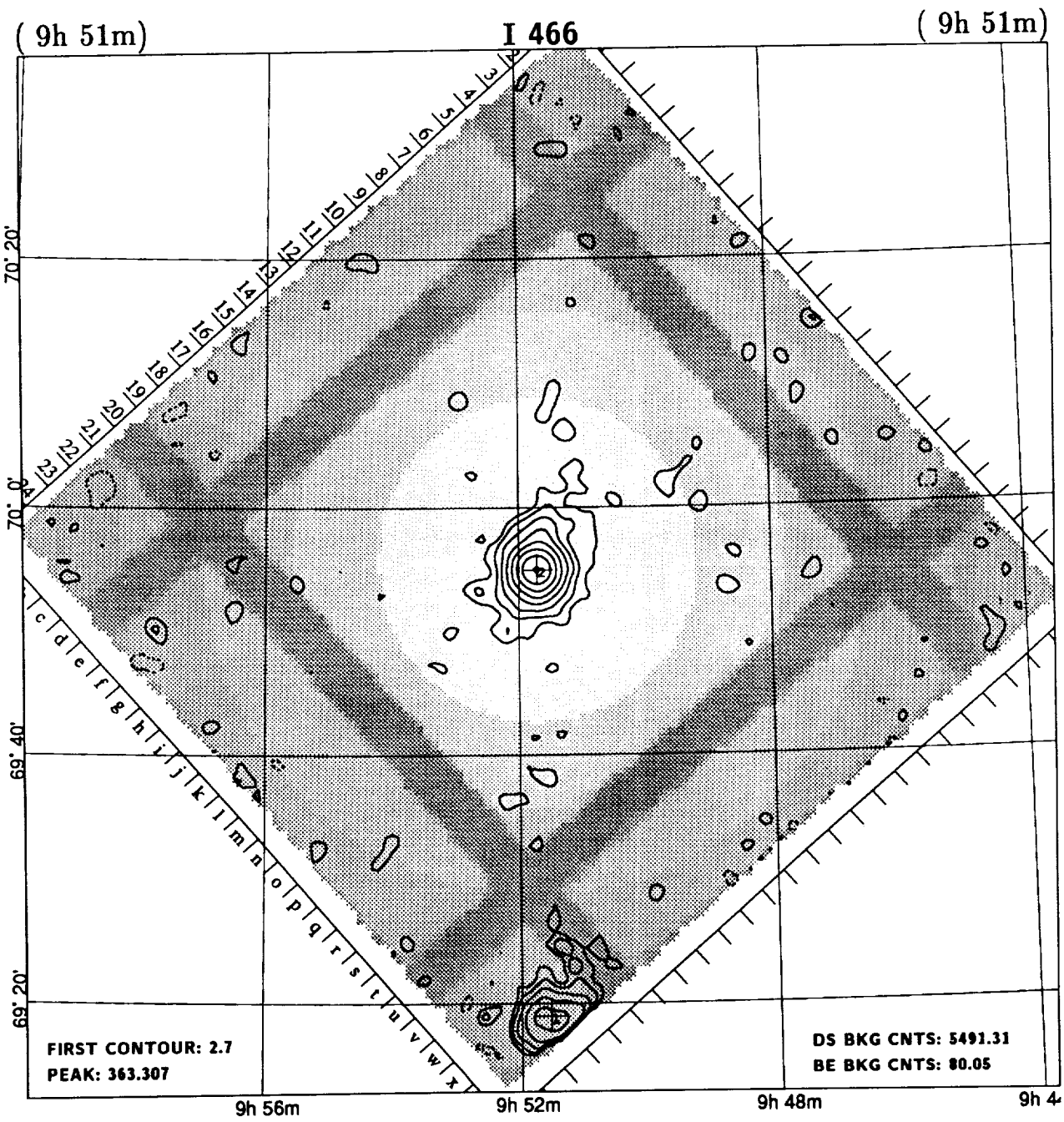
X-RAY SURVEY OF NORMAL GALAXIES: NGC3031=M81

FIELD CENTER: $09^h51^m36.0^s$ $69°17'59''$ (B1950)
$09^h55^m41.7^s$ $69°03'45''$ (J2000)
ℓ: 142.08 b: 40.91

DATE: 1979/117 - 1979/117
LIVETIME: 6515.2s
ROLL ANGLE: 62.9°

NH: 4.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2194	1	09 51 15.6	69 24 17	42	0.0063	0.0015	29.3	21.7	4.1	42.0	0	6.6		
2195	2	09 51 26.0	69 18 13	31	0.1582	0.0058	764.3	19.7	27.3	1.7	0	0.7	AH	G
2196	3L	09 51 26.8	69 15 14	31	0.0237	0.0036	111.3	81.7	6.5	6.9	0	3.1		
2197	4	09 51 32.5	69 53 40	50	*0.0764	0.0086	83.0	4.0	8.9	0.0	1209	35.9	AEH	*
2199	5	09 53 47.7	69 18 29	37	0.1010	0.0050	431.0	17.0	20.4	1.0	0	11.6	H	



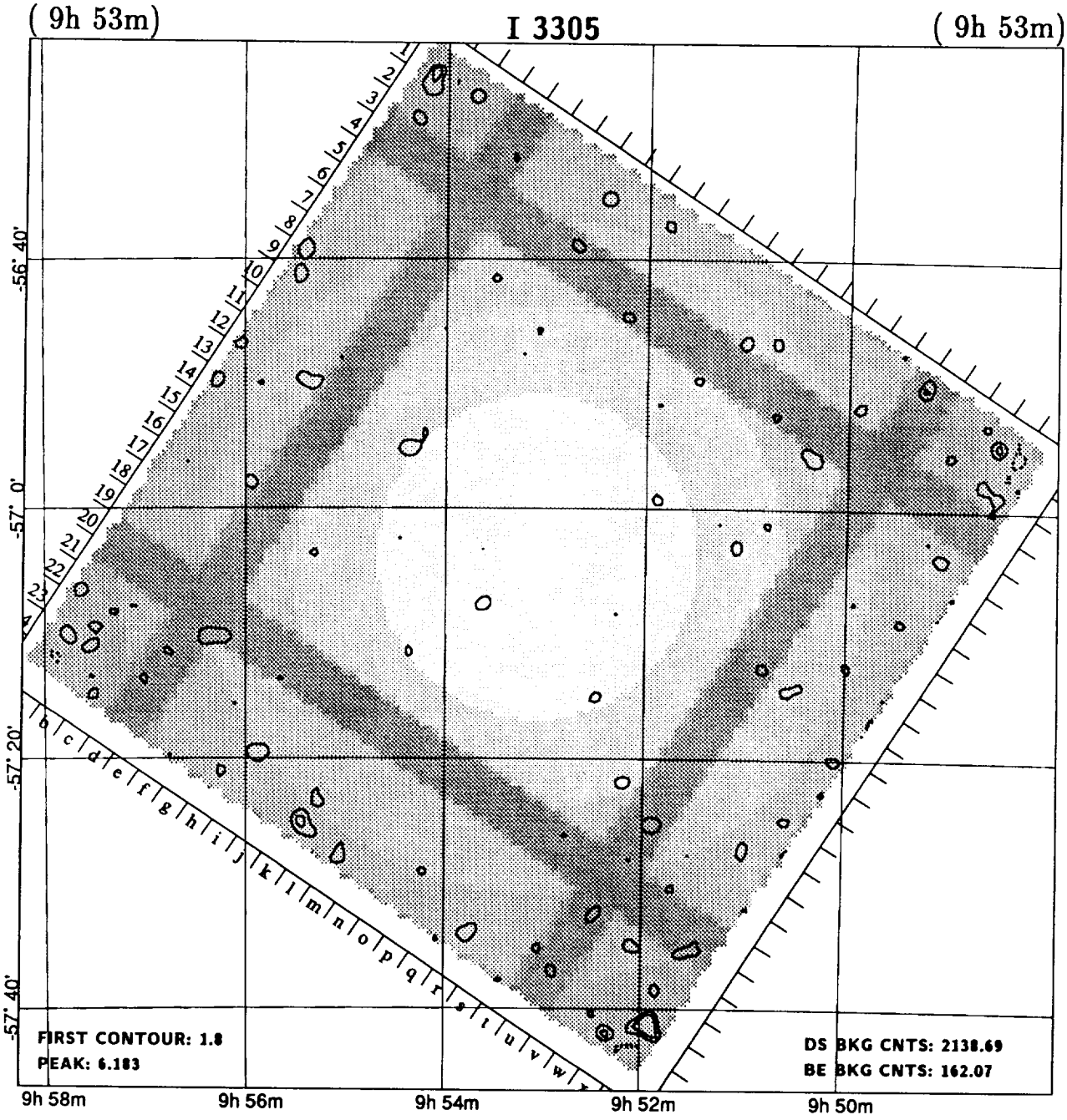
NGC 3034 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $09^h51^m40.5^s$ $69°54'52''$ (B1950)
$09^h55^m49.2^s$ $69°40'38''$ (J2000)
ℓ: 141.42 b: 40.56

DATE: 1979/ 98 - 1979/ 99
LIVETIME: 4449.8s
ROLL ANGLE: 48.9°

NH: 4.3E+20
REF/ID: G
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2195	1	09 51 32.9	69 18 59	48	0.0897	0.0095	95.9	7.1	9.4	1.9	300	36.1	AH	G
2197	2	09 51 42.6	69 55 00	31	0.454	0.012	1506.1	13.9	38.6	1.5	0	0.2	AH	*

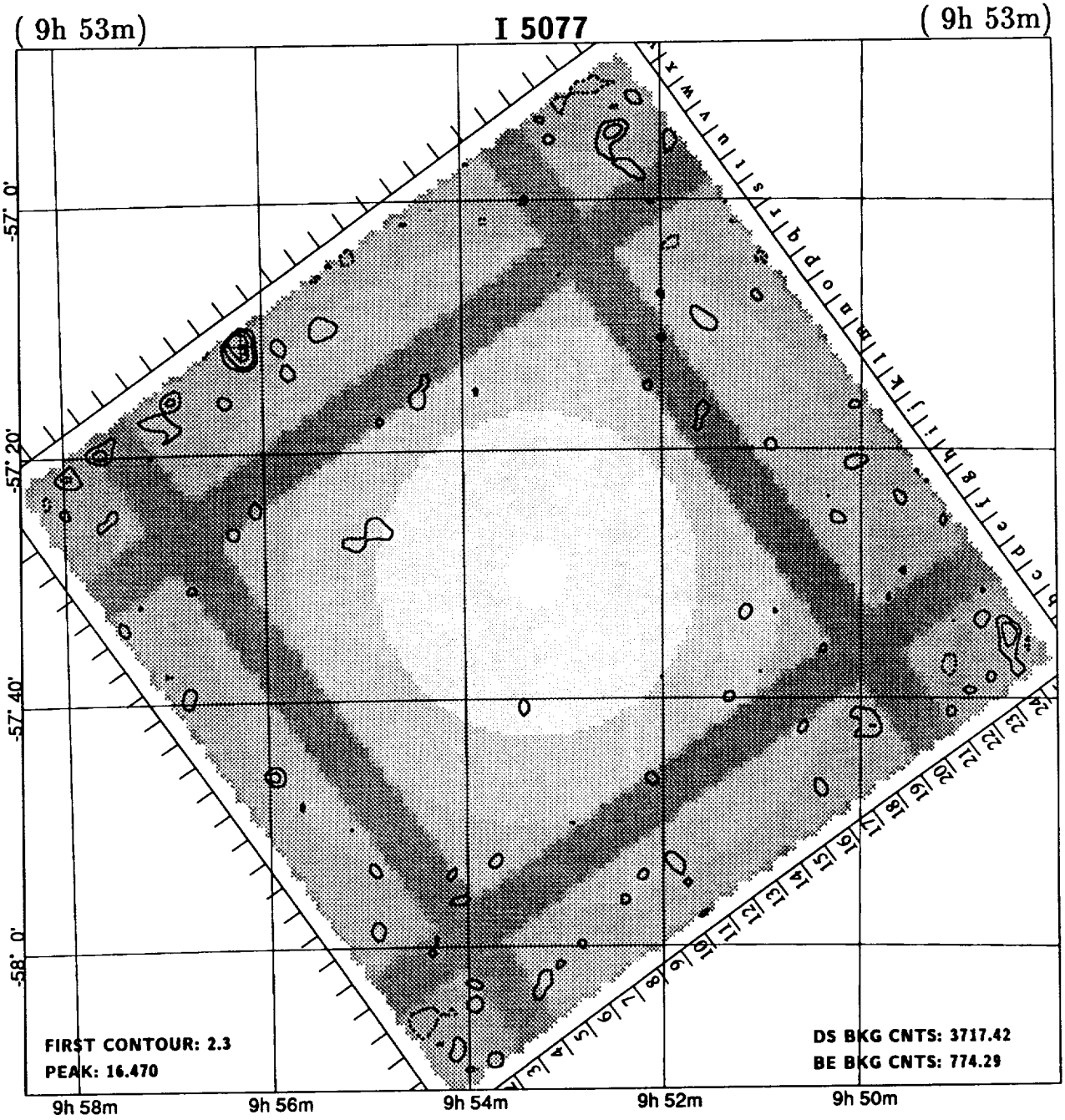


SYMBIOTIC STARS: HE2-38

FIELD CENTER: $09^h53^m03.7^s$ -57°04′38″ (B1950)
$09^h54^m43.2^s$ -57°18′53″ (J2000)
ℓ: 280.81 b: -2.24

DATE: 1979/194 - 1979/194
LIVETIME: 1733.1s
ROLL ANGLE: 33.3°

NH: 1.5E+21
REF/ID:
FIELD FLAGS:



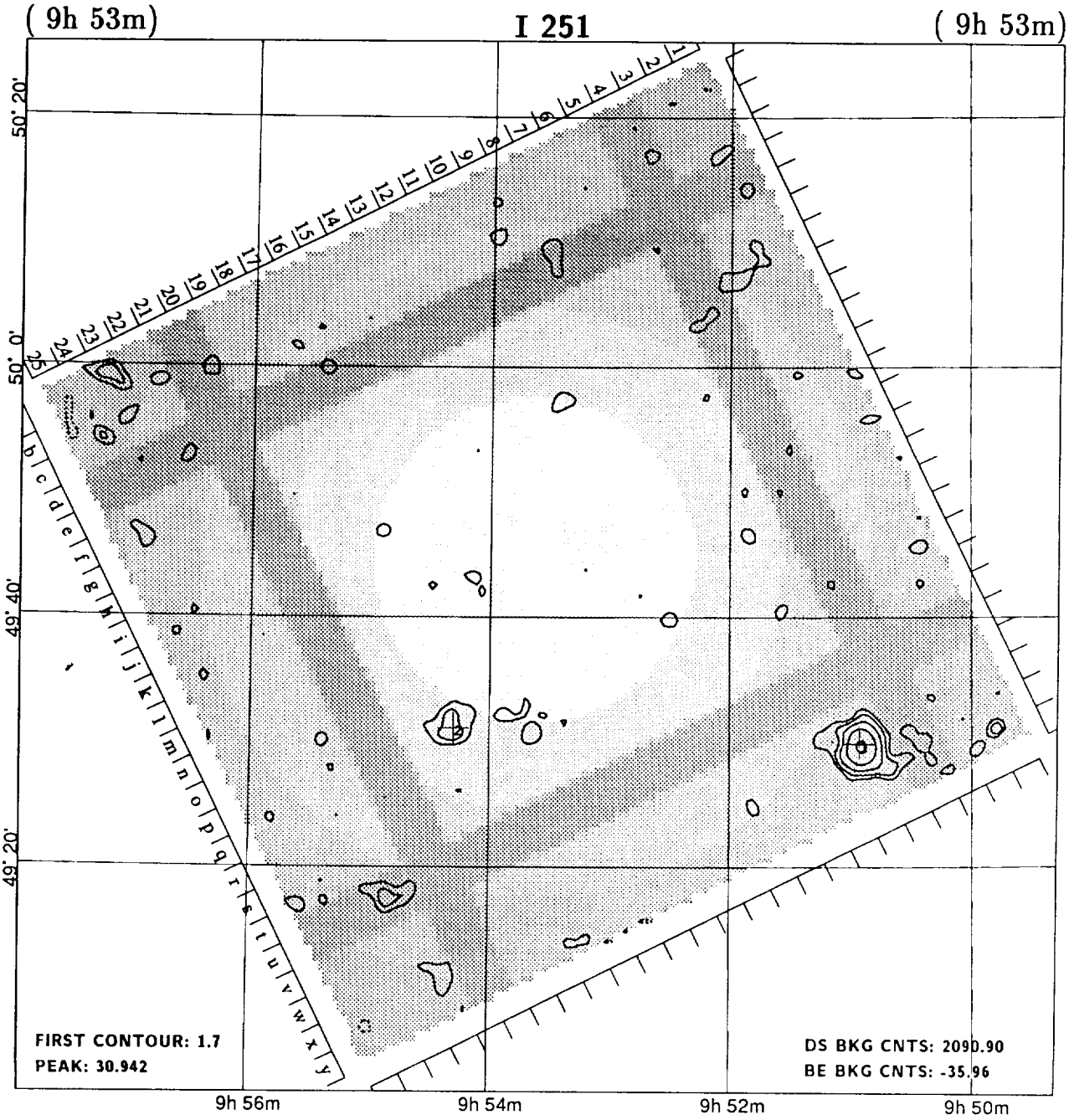
HD 86161, LUMINOUS EARLY-TYPE STAR

FIELD CENTER: $09^h53^m14.4^s$ $-57°29'23''$ (B1950)
$09^h54^m53.1^s$ $-57°43'38''$ (J2000)
ℓ: 281.08 b: -2.55

DATE: 1979/353 - 1979/353
LIVETIME: 3012.3s
ROLL ANGLE: -125.5°

NH: 1.5E+21
REF/ID: S
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2204	1	09 56 12.5	-57 11 22	51	*0.0275	0.0060	27.3	7.7	4.6	0.9	501	30.2	H	



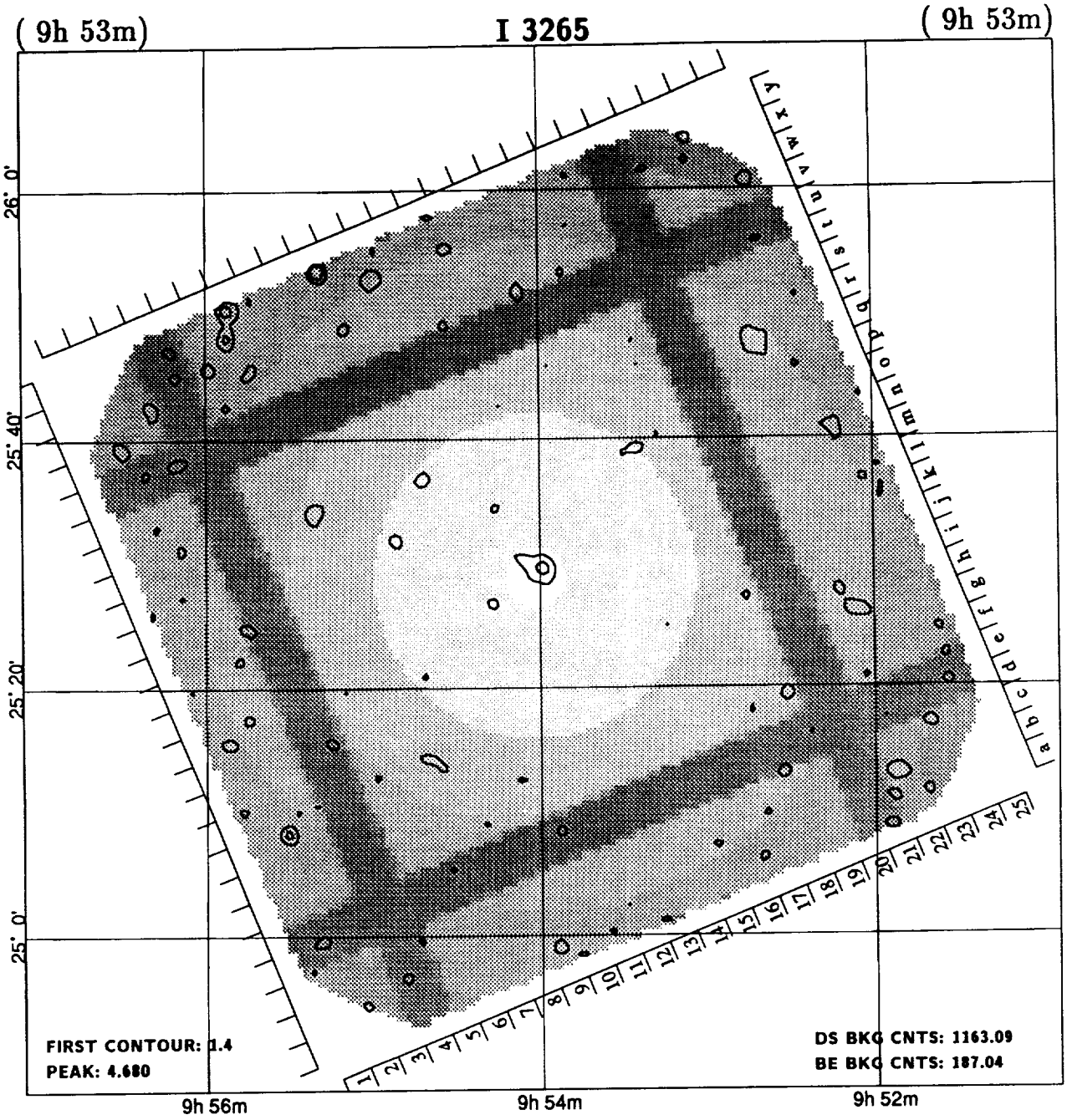
A 895 CLUSTER EVOLUTION

FIELD CENTER: $09^h53^m36.0^s$ $49°43'59''$ (B1950)
$09^h56^m50.4^s$ $49°29'42''$ (J2000)
ℓ: 167.05 b: 49.91

DATE: 1979/119 - 1979/119
LIVETIME: 1694.3s
ROLL ANGLE: 63.7°

NH: 9.2E+19
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2193	1	09 50 55.4	49 29 50	50	0.109	0.014	64.3	2.7	7.9	1.4	100	29.8	H	
2200	2	09 54 18.1	49 31 08	47	0.0200	0.0049	20.0	4.0	4.1	1.1	0	14.6	H	Q

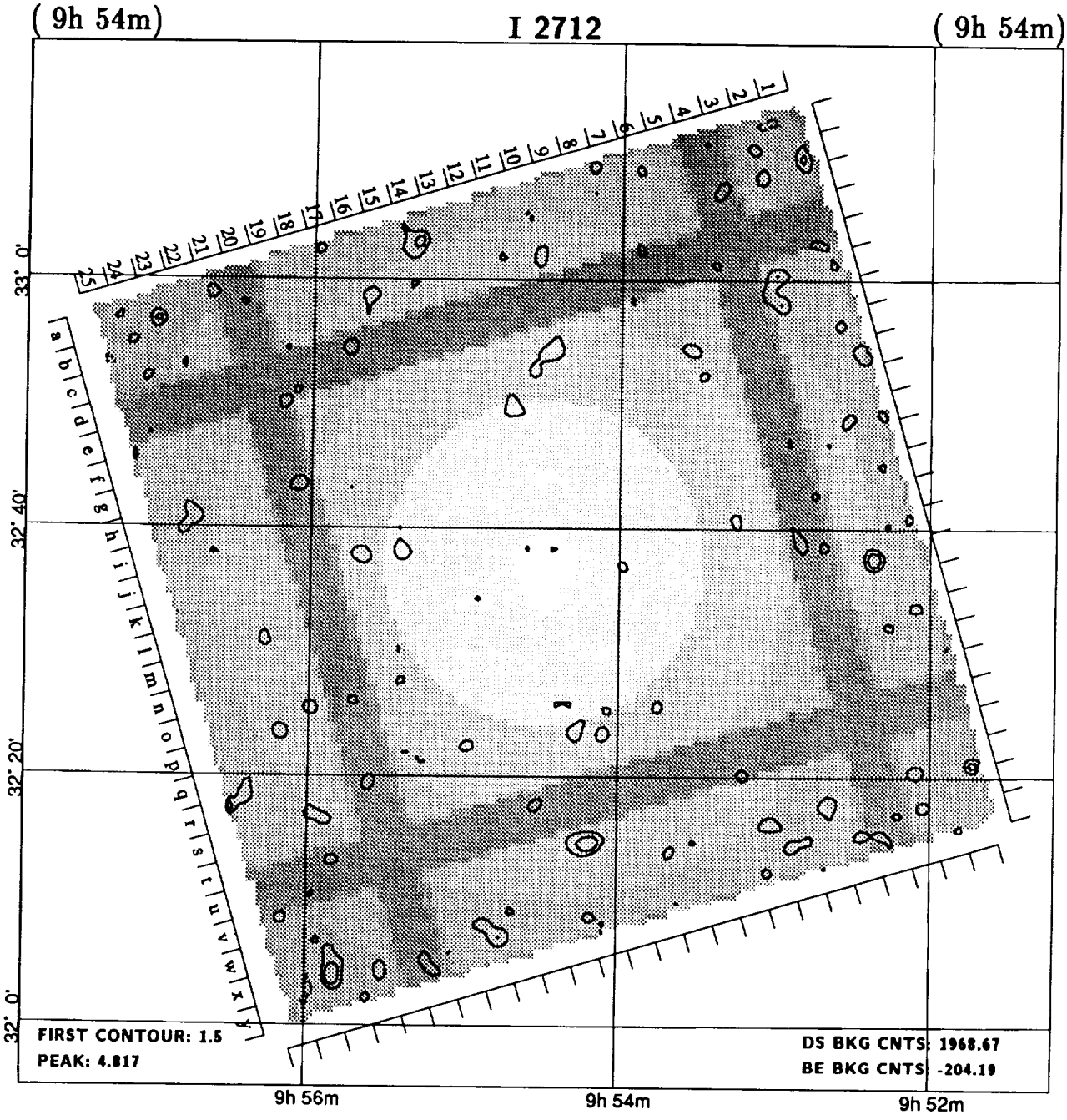


0953+25: EXTRAGALACTIC STRONG MILLIMETER SOURCES

FIELD CENTER: $09^h53^m59.7^s$ $25°29'33''$ (B1950)
$09^h56^m49.8^s$ $25°15'16''$ (J2000)
ℓ: 205.51 b: 50.98

DATE: 1979/310 - 1979/310
LIVETIME: 942.5s
ROLL ANGLE: -112.1°

NH: 2.7E+20
REF/ID: !
FIELD FLAGS:

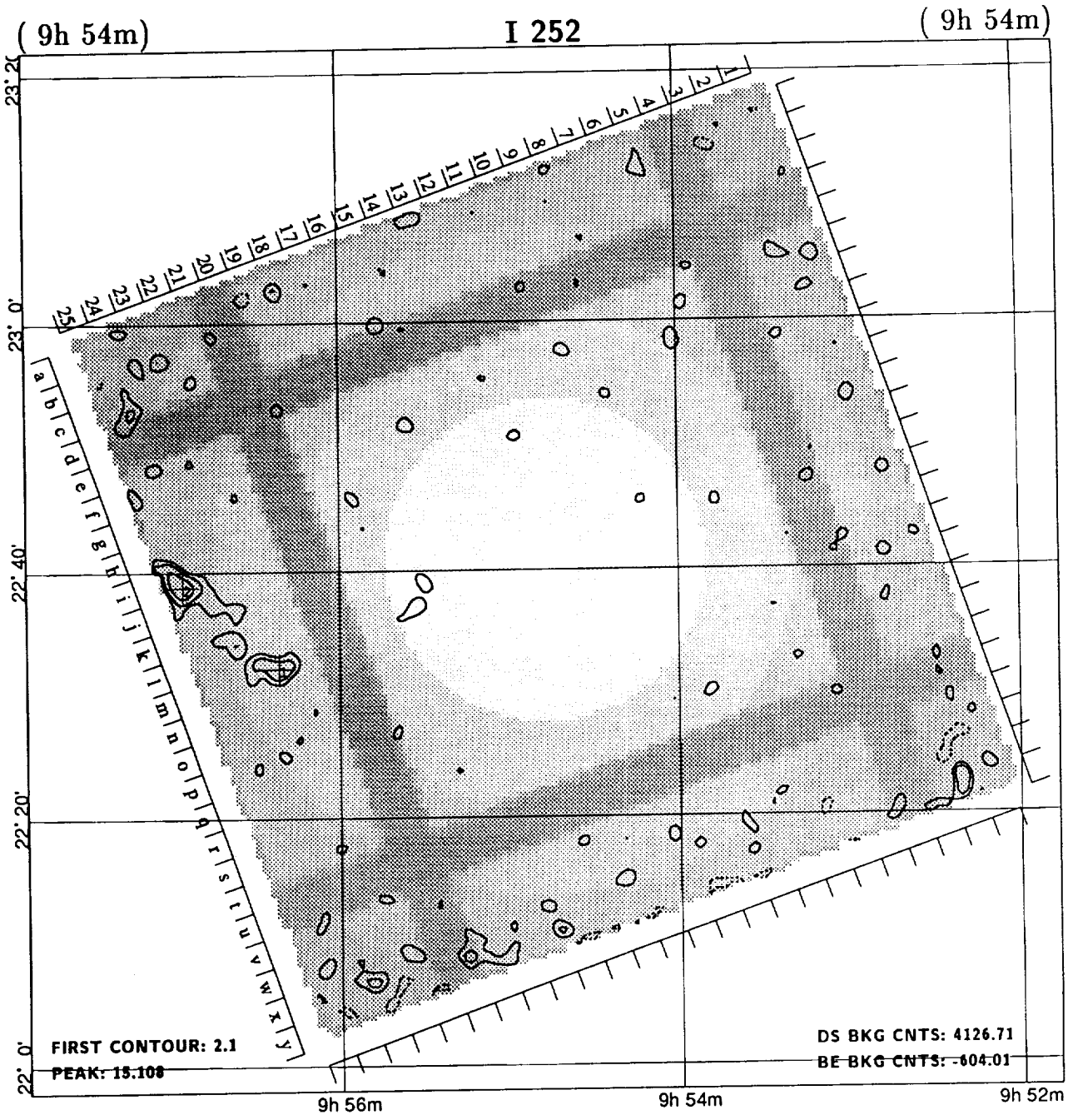


QUASAR SURVEY: 3C232

FIELD CENTER: $09^h54^m31.0^s$ 32°36'59" (B1950)
$09^h57^m26.6^s$ 32°22'40" (J2000)
ℓ: 194.19 b: 52.13

DATE: 1979/145 - 1979/145
LIVETIME: 1595.3s
ROLL ANGLE: 73.6°

NH: 1.7E+20
REF/ID:
FIELD FLAGS:



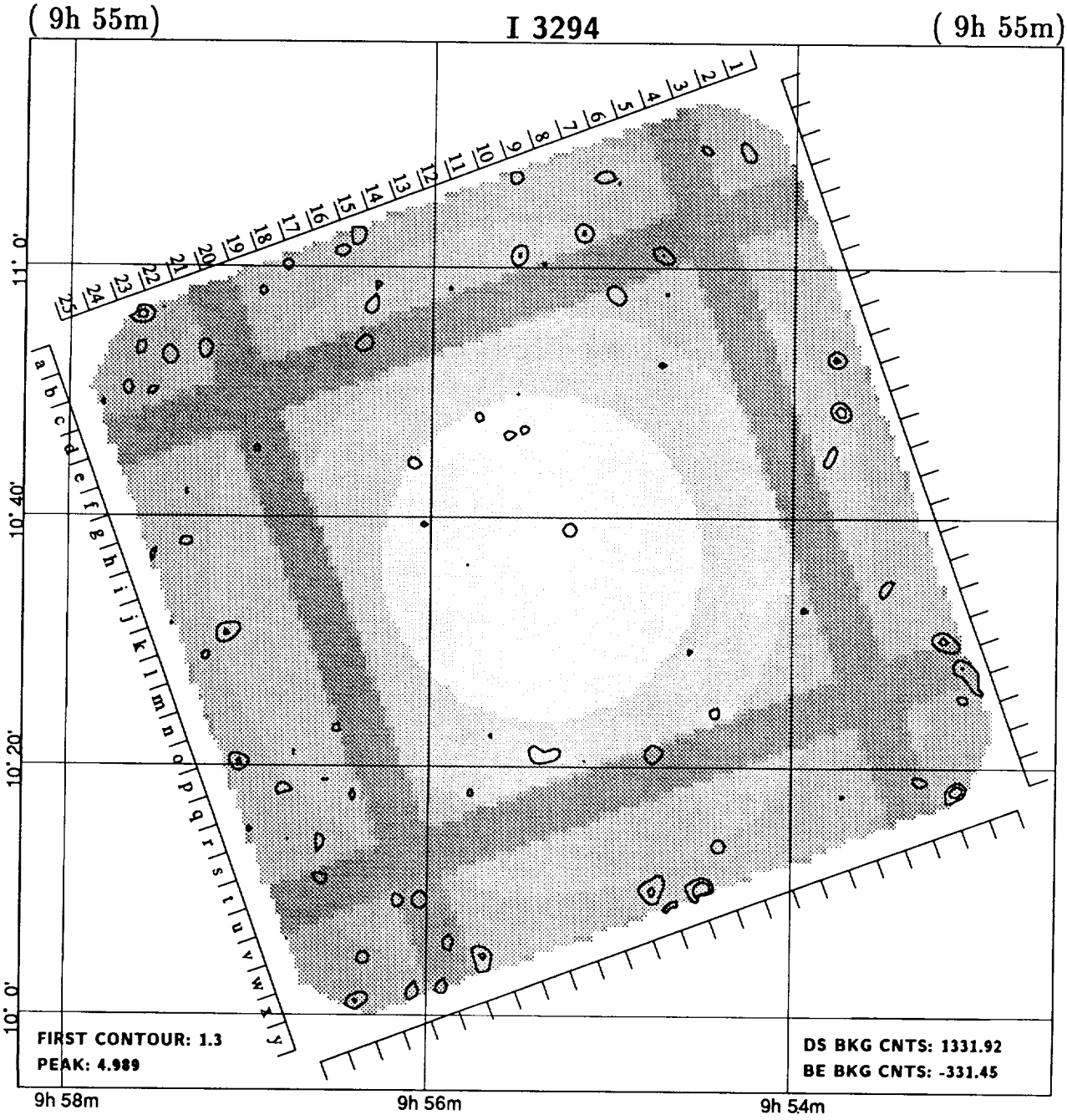
A 908 CLUSTER EVOLUTION

FIELD CENTER: $09^h54^m48.0^s$ $22°39'59''$ (B1950)
$09^h57^m36.0^s$ $22°25'40''$ (J2000)
ℓ: 209.91 b: 50.45

DATE: 1979/139 - 1979/139
LIVETIME: 3344.0s
ROLL ANGLE: 70.5°

NH: 2.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2205	1	09 56 21.3	22 32 11	55	0.0114	0.0031	17.4	5.6	3.6	1.1	0	22.9	H	Q
2208	2	09 56 55.0	22 38 46	51	0.0242	0.0050	28.3	5.7	4.9	1.3	500	29.7	H	CLG

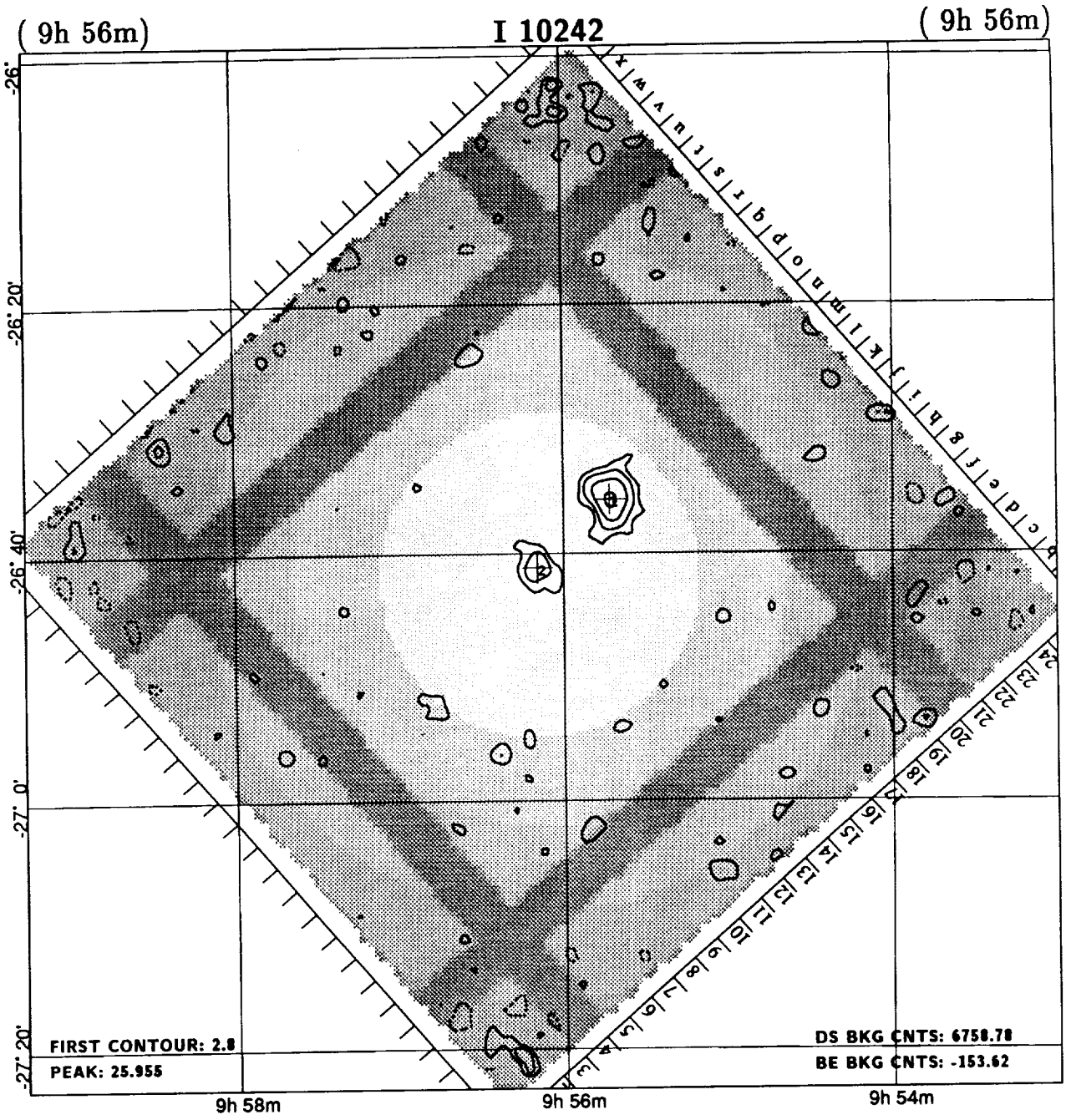


CD GALAXIES IN POOR CLUSTERS: K182

FIELD CENTER: $09^h55^m24.0^s$ $10°35'59''$ (B1950)
$09^h58^m04.0^s$ $10°21'39''$ (J2000)
ℓ: 226.76 b: 45.95

DATE: 1979/142 - 1979/142
LIVETIME: 1079.3s
ROLL ANGLE: 69.9°

NH: 3.2E+20
REF/ID:
FIELD FLAGS:



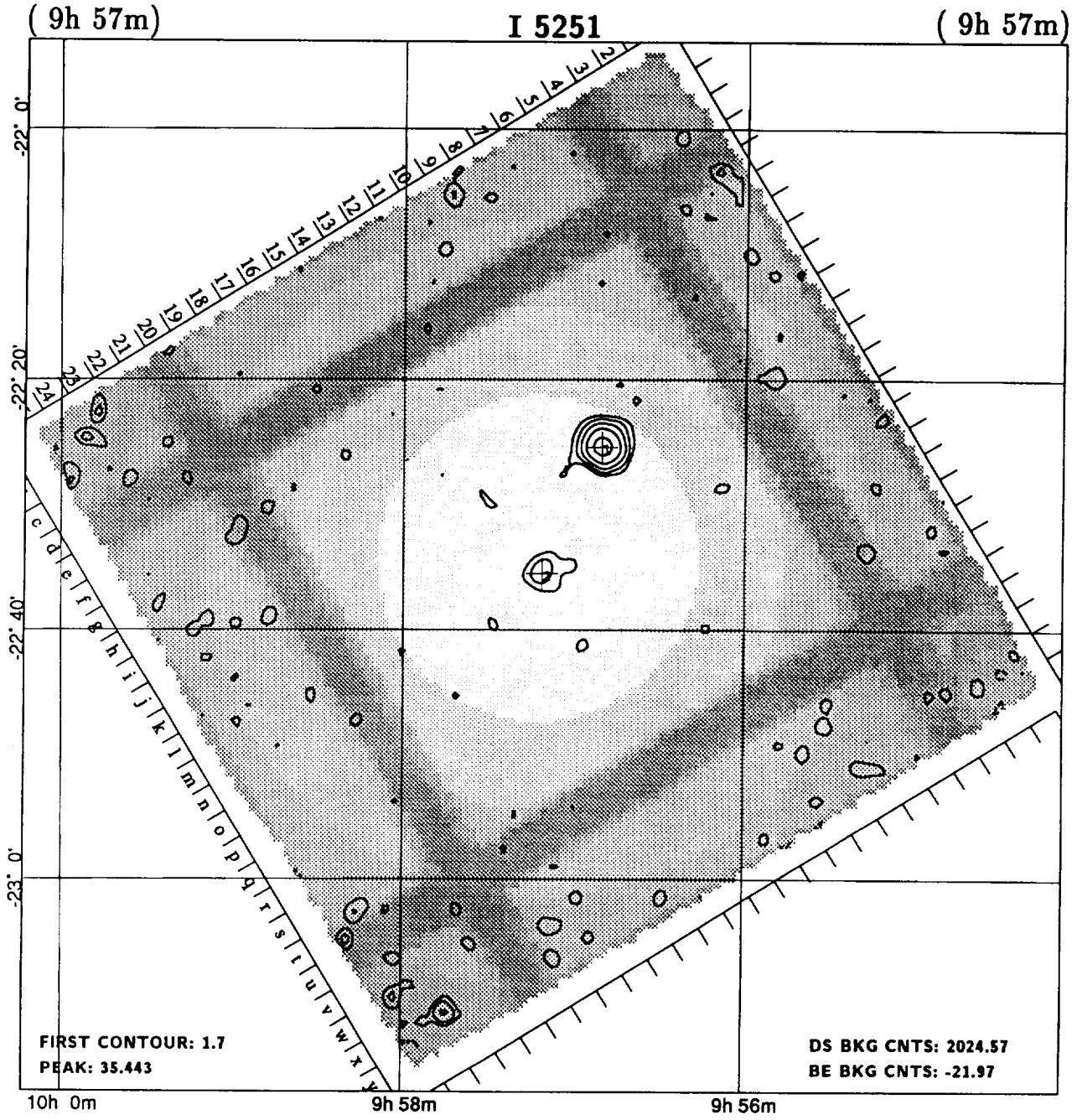
N 3078: E & SO GALAXIES W/ COMPACT NUCLEAR RADIO CORES

FIELD CENTER: $09^h56^m08.1^s$ $-26°41'13''$ (B1950)
$09^h58^m24.6^s$ $-26°55'35''$ (J2000)
ℓ: 261.78 b: 21.80

DATE: 1980/364 - 1980/364
LIVETIME: 5476.8s
ROLL ANGLE: -131.1°

NH: 5.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2202	1	09 55 43.1	-26 35 40	38	0.0266	0.0028	99.3	13.7	9.3	1.7	0	7.5	H	
2203	2	09 56 09.7	-26 41 07	35	0.0102	0.0019	41.6	16.4	5.5	1.2	0	0.6	H	G



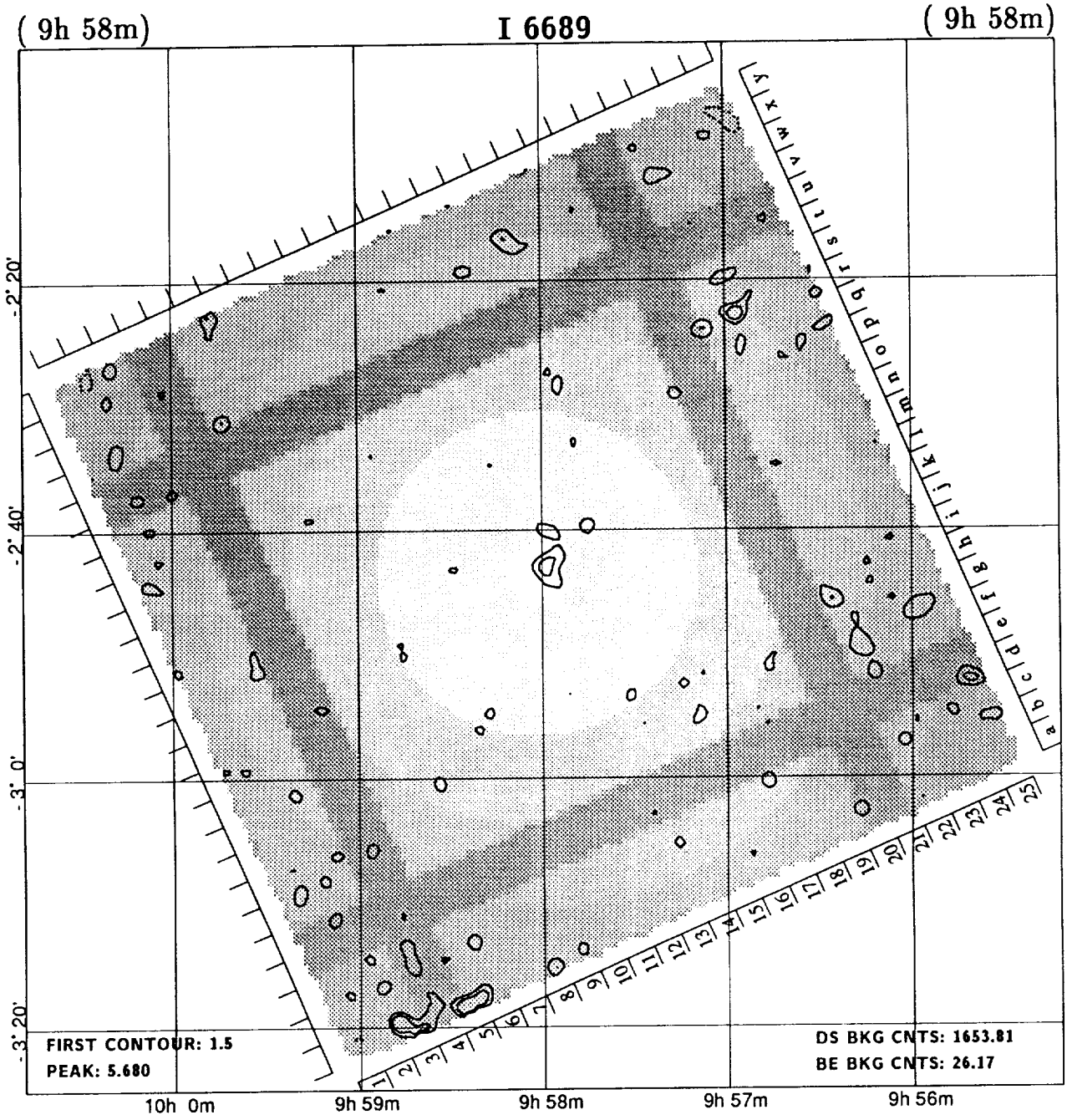
NGC 3081,X-RAY AND OPTICAL STUDY OF NEARBY SEYFERT 2 GALAXIES

FIELD CENTER: $09^h57^m11.0^s$ $-22°35'05''$ (B1950)
$09^h59^m30.6^s$ $-22°49'30''$ (J2000)
ℓ: 259.02 b: 25.04

DATE: 1980/167 - 1980/167
LIVETIME: 1640.6s
ROLL ANGLE: 58.5°

NH: 4.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2207	1	09 56 50.3	-22 25 23	38	0.128	0.011	139.5	4.5	11.6	1.2	0	11.0	H	
2210	2	09 57 11.0	-22 35 29	37	0.0173	0.0042	21.1	4.9	4.1	1.1	0	0.2	H	G

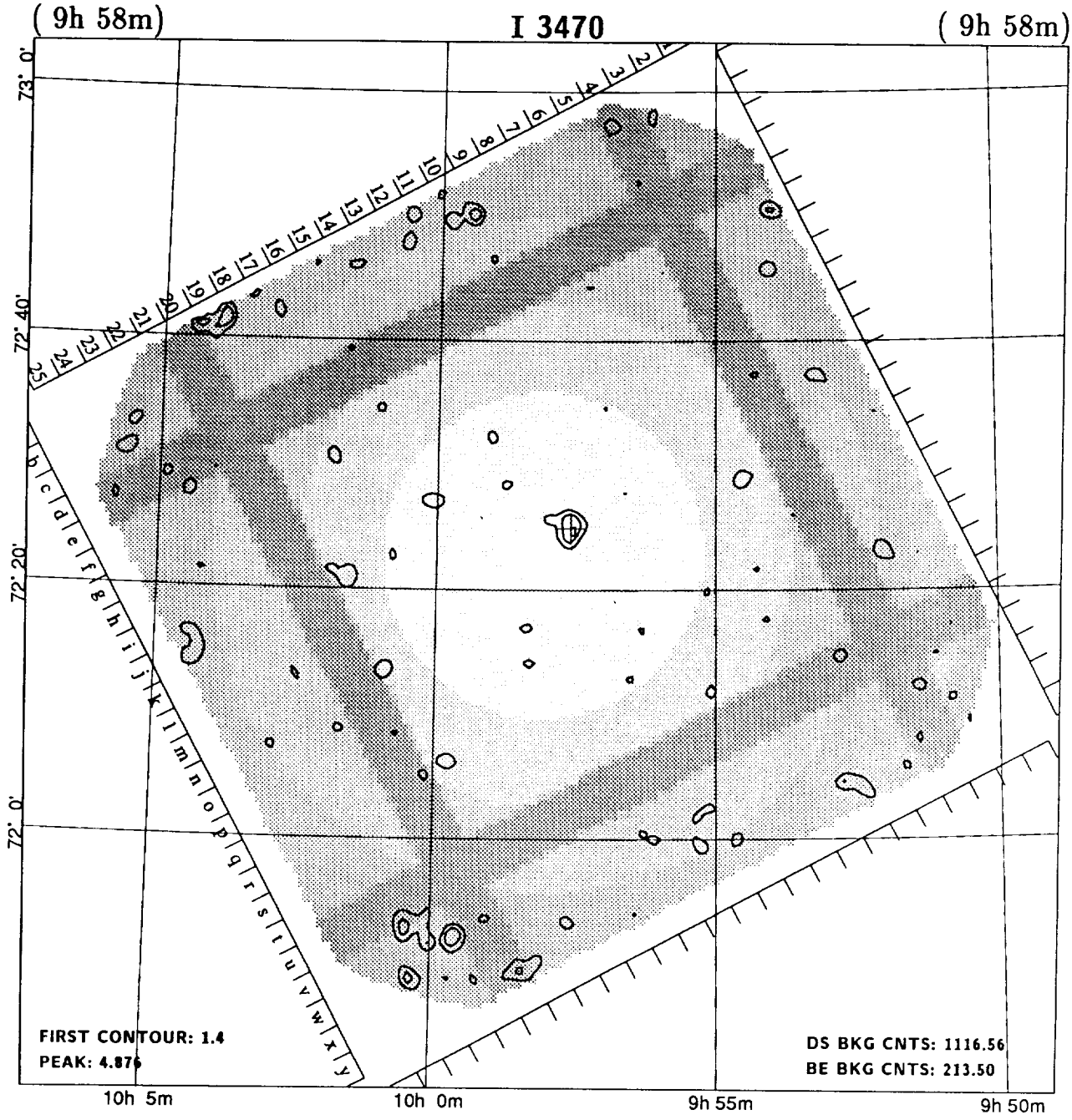


MKW 1: CD GALAXIES IN POOR CLUSTERS

FIELD CENTER: $09^h58^m00.0^s$ $-02°42'59''$ (B1950)
$10^h00^m32.1^s$ $-02°57'26''$ (J2000)
ℓ: 242.24 b: 39.01

DATE: 1979/340 - 1979/341
LIVETIME: 1340.1s
ROLL ANGLE: -113.7°

NH: 3.7E+20
REF/ID:
FIELD FLAGS:



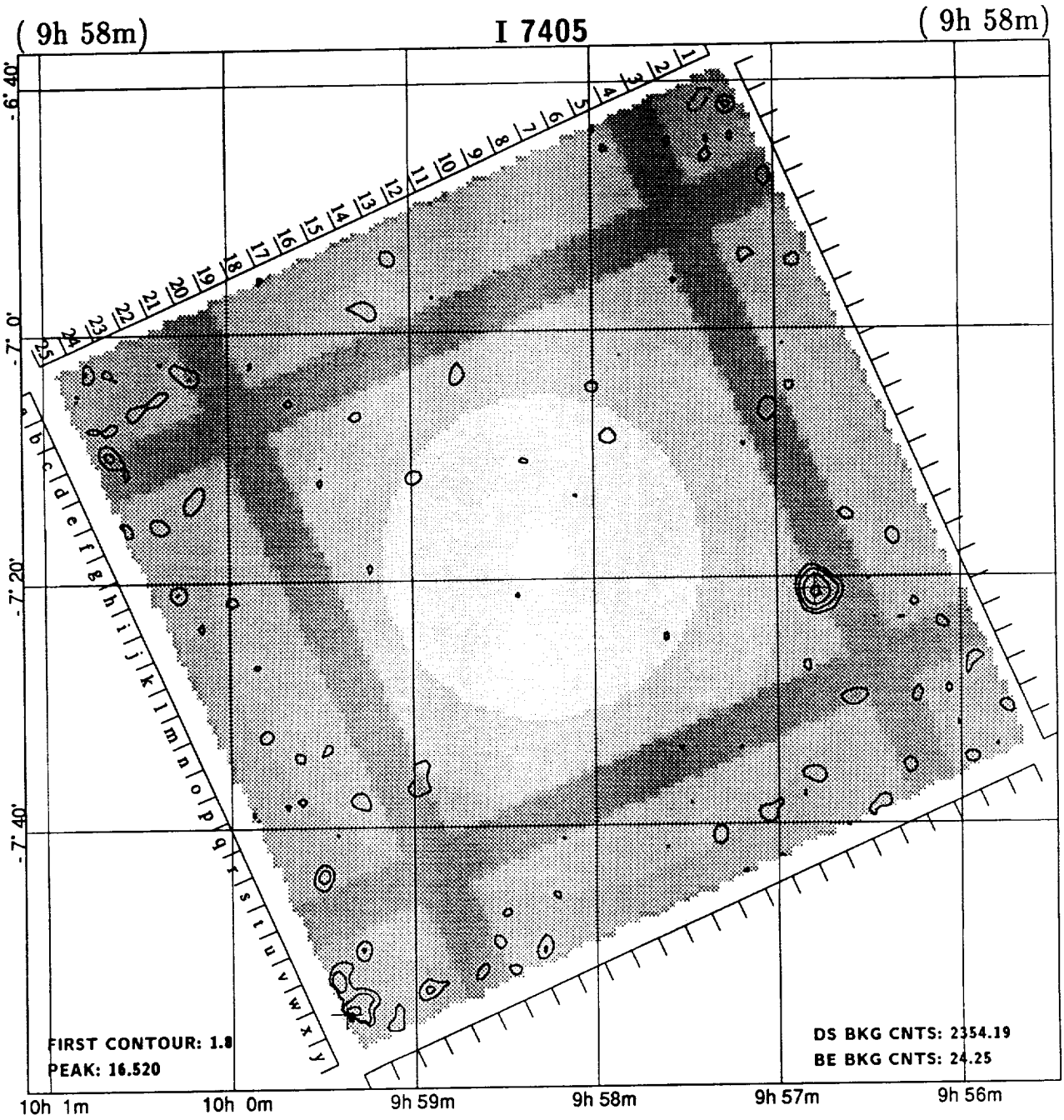
MKN 133,SEYFERT AND ACTIVE NUCLEI GALAXIES

FIELD CENTER: $09^h58^m06.0^s$ 72°21′59″ (B1950)
$10^h02^m23.8^s$ 72°07′31″ (J2000)
ℓ: 138.45 b: 39.51

DATE: 1979/117 - 1979/117
LIVETIME: 904.8s
ROLL ANGLE: 62.0°

NH: 3.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2211	1	09 57 35.8	72 24 54	37	0.0276	0.0071	18.2	3.8	3.9	0.8	0	4.0	H	



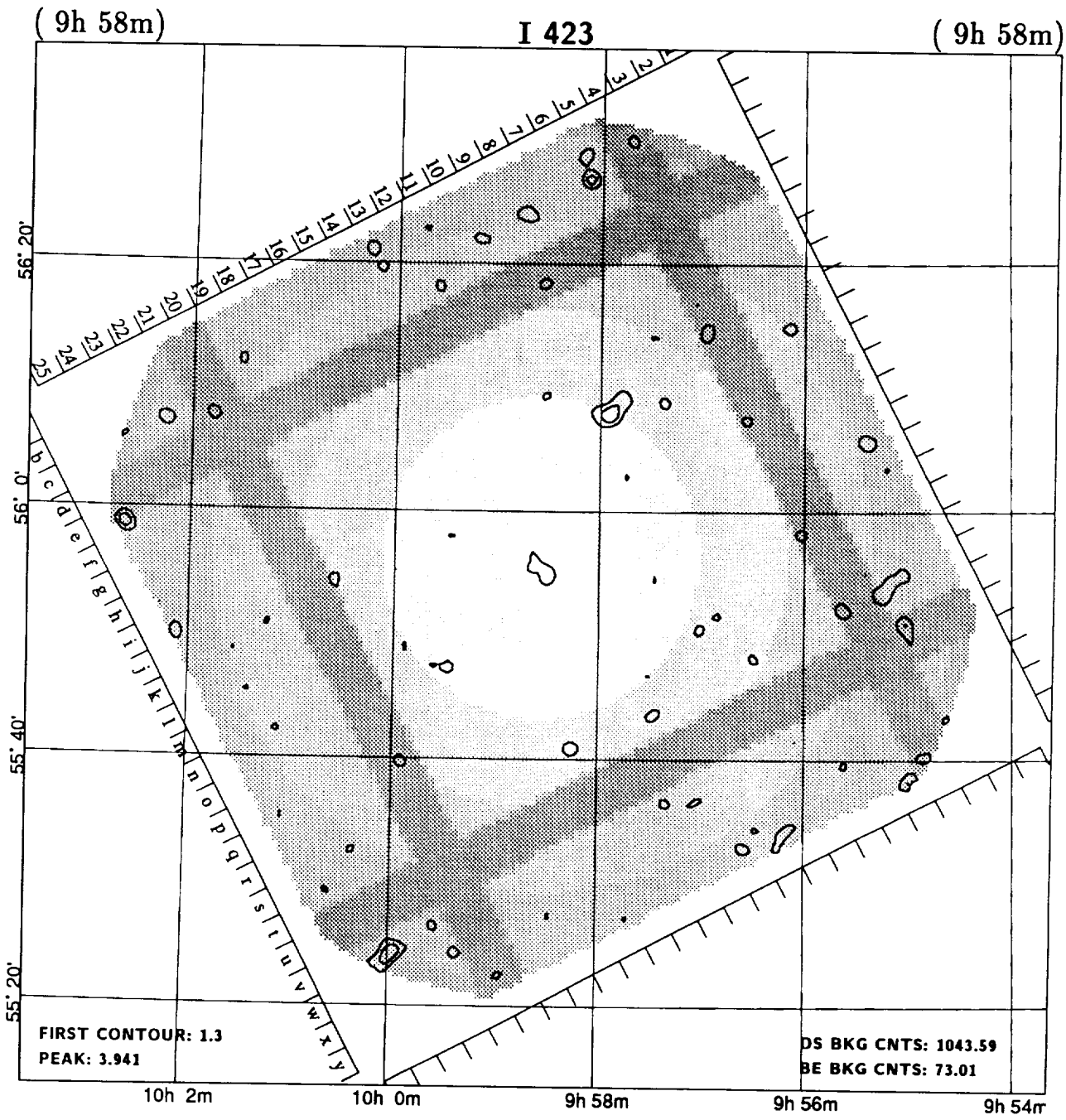
GD 108,SUBDWARF STAR

FIELD CENTER: $09^h58^m18.0^s$ $-07°19'05''$ (B1950)
$10^h00^m47.3^s$ $-07°33'32''$ (J2000)
ℓ: 246.72 b: 36.07

DATE: 1980/155 - 1980/155
LIVETIME: 1907.7s
ROLL ANGLE: 66.0°

NH: 4.6E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2206	1	09 56 47.8	-07 20 56	50	*0.0430	0.0072	38.8	3.2	6.0	1.1	705	22.3	H	AGN
2220	2	09 59 22.9	-07 55 04	55	*0.061	0.017	15.1	2.9	3.5	2.5	804	39.3	EH	



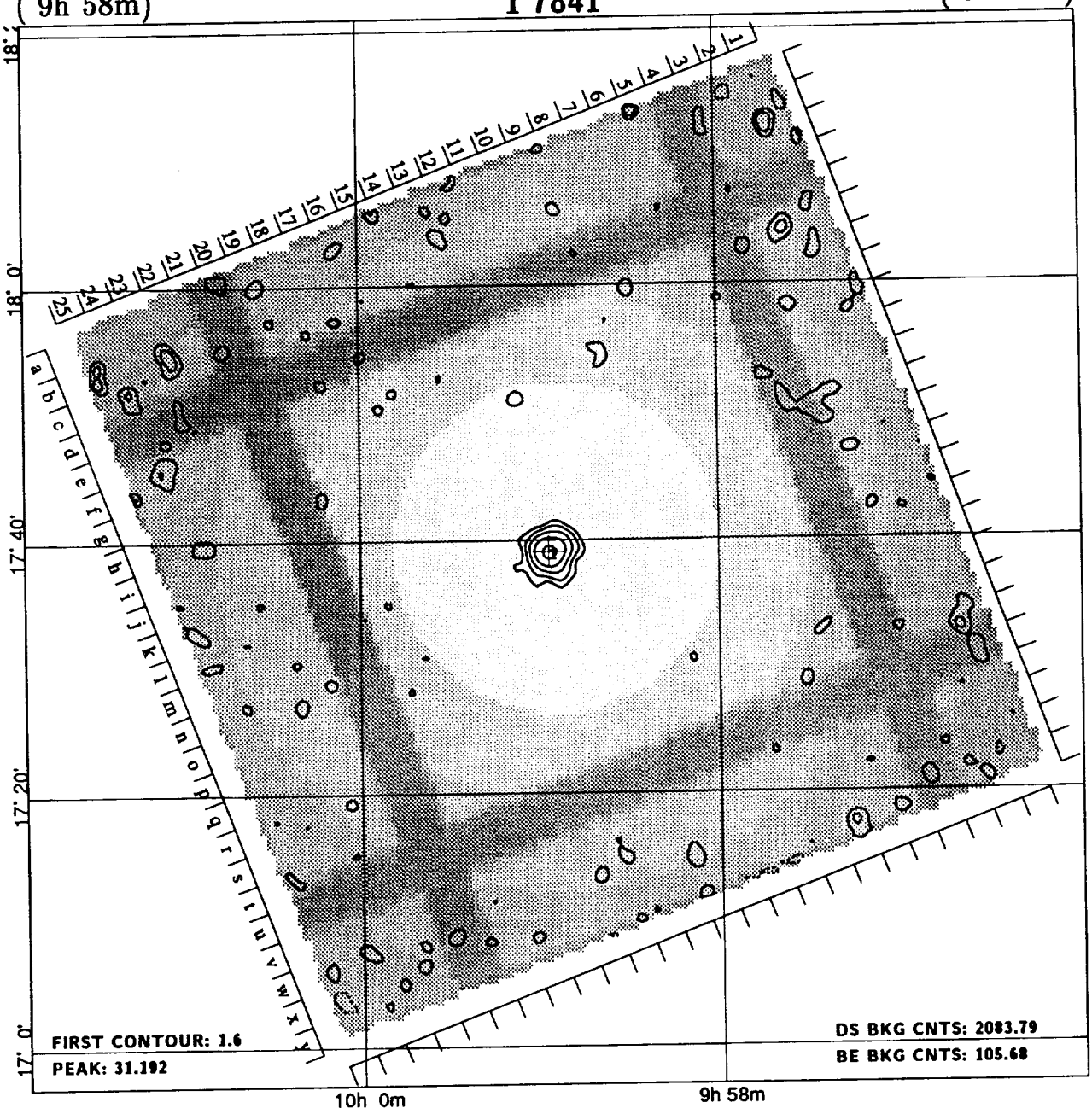
NGC 3079 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $09^h58^m34.8^s$ 55°55'23" (B1950)
$10^h01^m57.6^s$ 55°40'55" (J2000)
ℓ: 157.81 b: 48.36

DATE: 1979/119 - 1979/119
LIVETIME: 845.7s
ROLL ANGLE: 62.4°

NH: 8.4E+19
REF/ID:
FIELD FLAGS:

(9h 58m) **I 7841** (9h 58m)



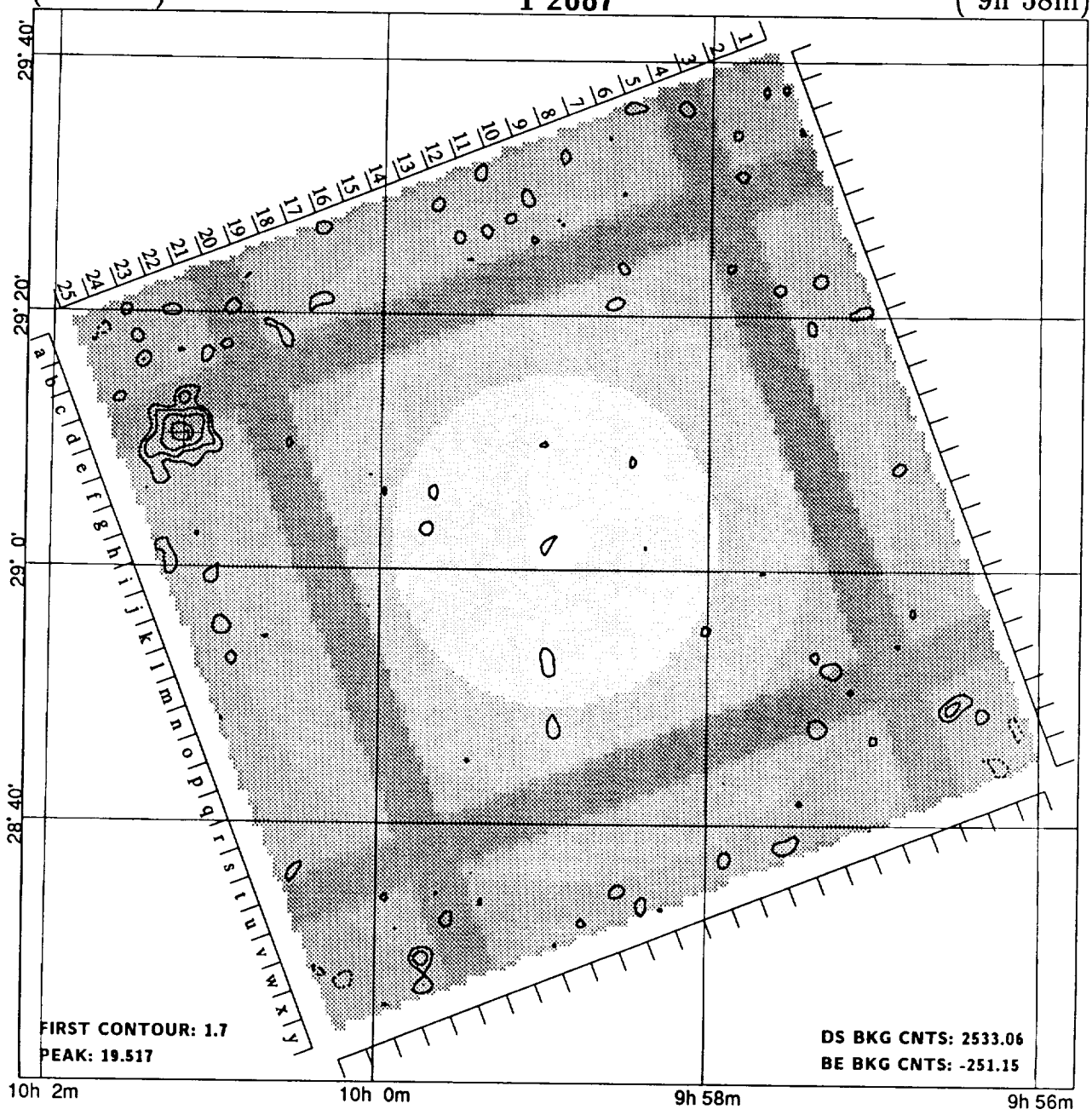
XY LEO,SURVEY OF W URSAE MAJORIS STARS

FIELD CENTER: $09^h58^m55.2^s$ $17°38'59''$ (B1950)
$10^h01^m39.4^s$ $17°24'31''$ (J2000)
ℓ: 217.80 b: 49.74

DATE: 1980/131 - 1980/131
LIVETIME: 1749.2s
ROLL ANGLE: 69.2°

NH: 3.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2216	1	09 58 57.0	17 39 05	31	0.0969	0.0088	126.2	5.8	11.0	1.2	0	0.4	H	S



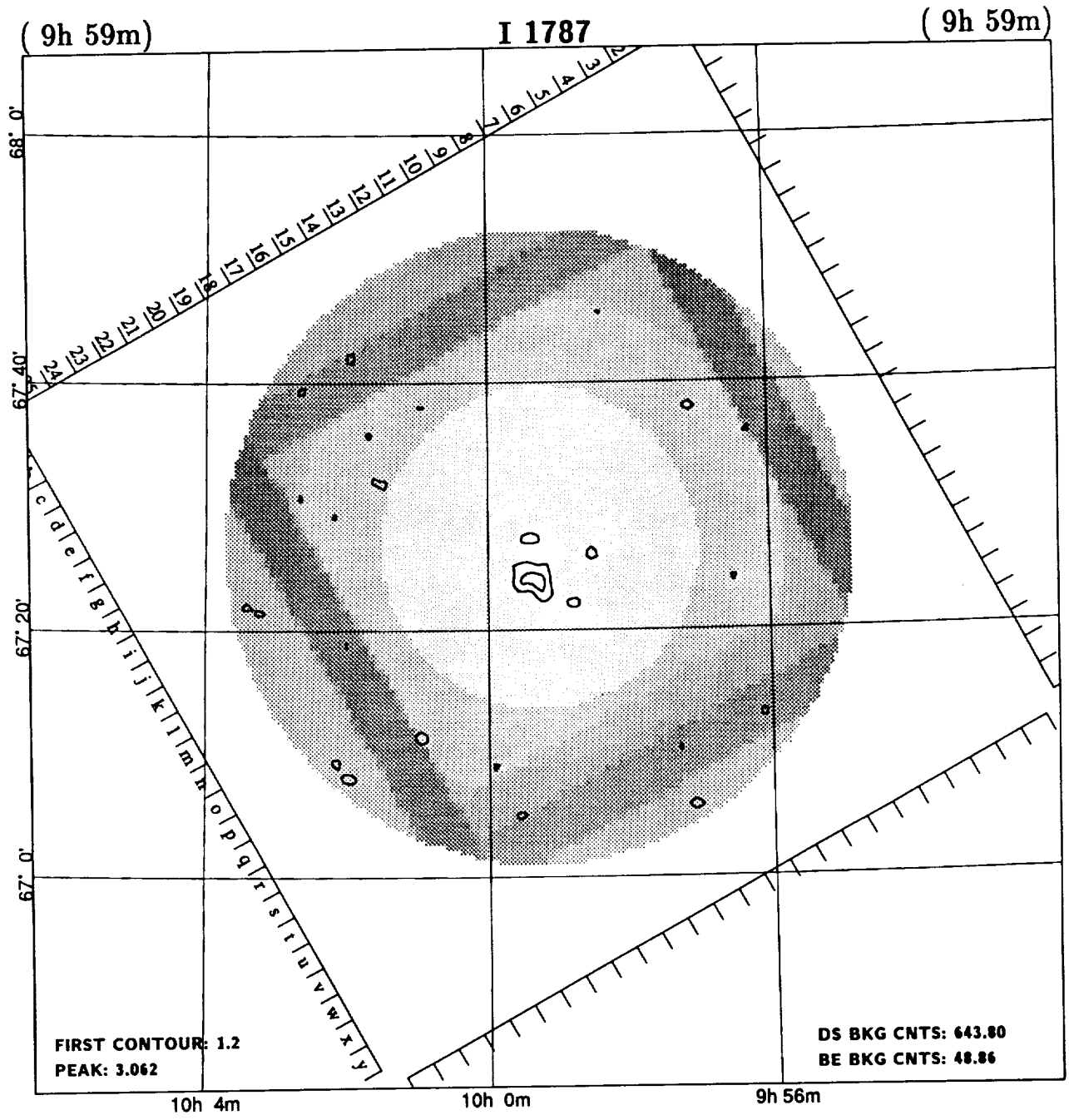
3C 234.0: BRIGHT X-GALACTIC RADIO SOURCESS

FIELD CENTER: $09^h58^m57.0^s$ $29°01'36''$ (B1950)
$10^h01^m49.1^s$ $28°47'08''$ (J2000)
ℓ: 200.21 b: 52.71

DATE: 1979/144 - 1979/144
LIVETIME: 2052.6s
ROLL ANGLE: 68.8°

NH: 2.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2224	1	10 01 12.1	29 10 29	50	*0.0556	0.0093	38.1	2.9	6.0	1.6	906	30.8	H	

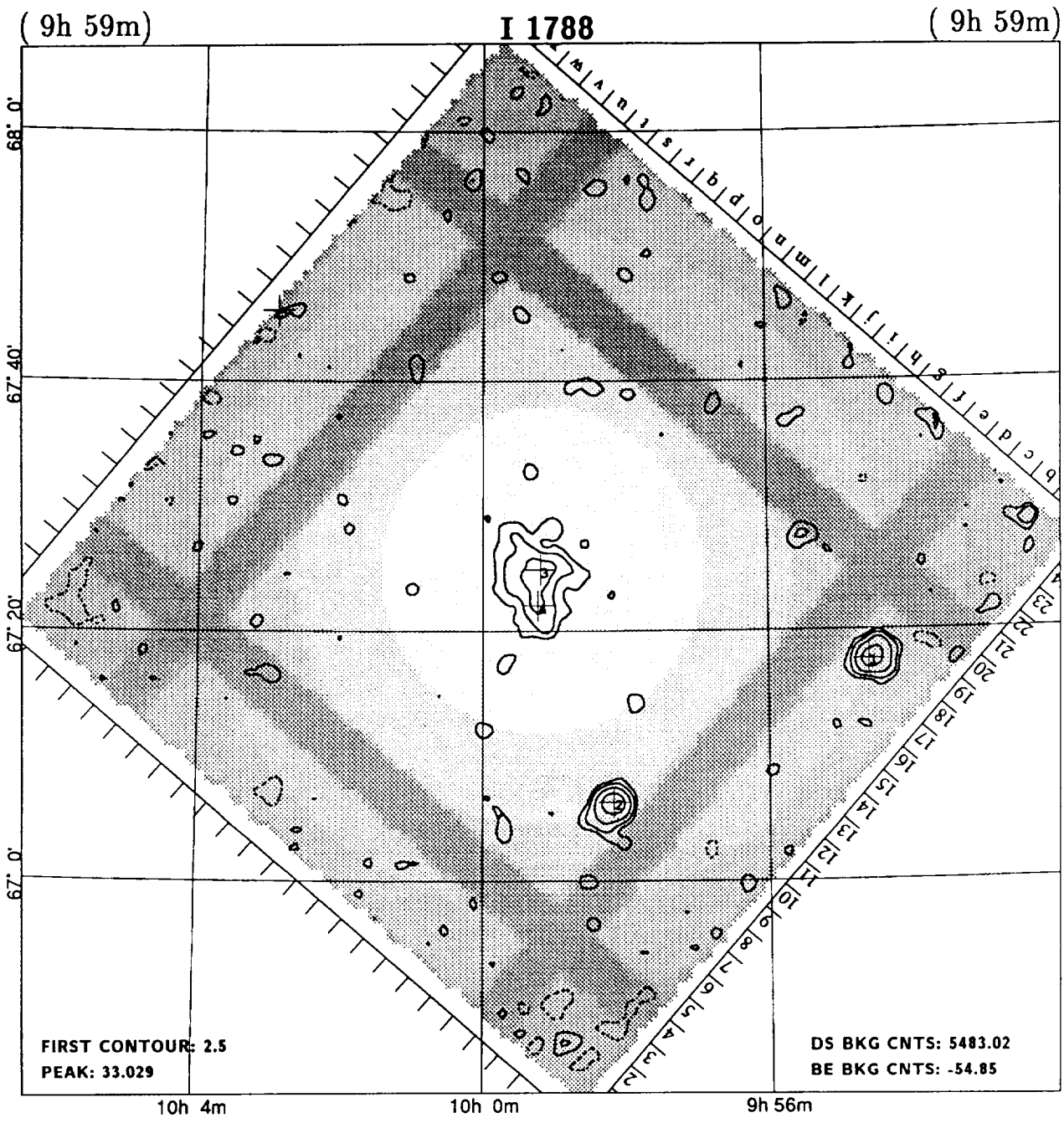


A910: STUDY, CLUSTERS OF GALAXIESF

FIELD CENTER: $09^h59^m12.0^s$ 67°24′59″ (B1950)
$10^h03^m04.9^s$ 67°10′29″ (J2000)
ℓ: 143.61 b: 42.57

DATE: 1979/117 - 1979/117
LIVETIME: 521.7s
ROLL ANGLE: 61.2°

NH: 3.5E+20
REF/ID:
FIELD FLAGS:



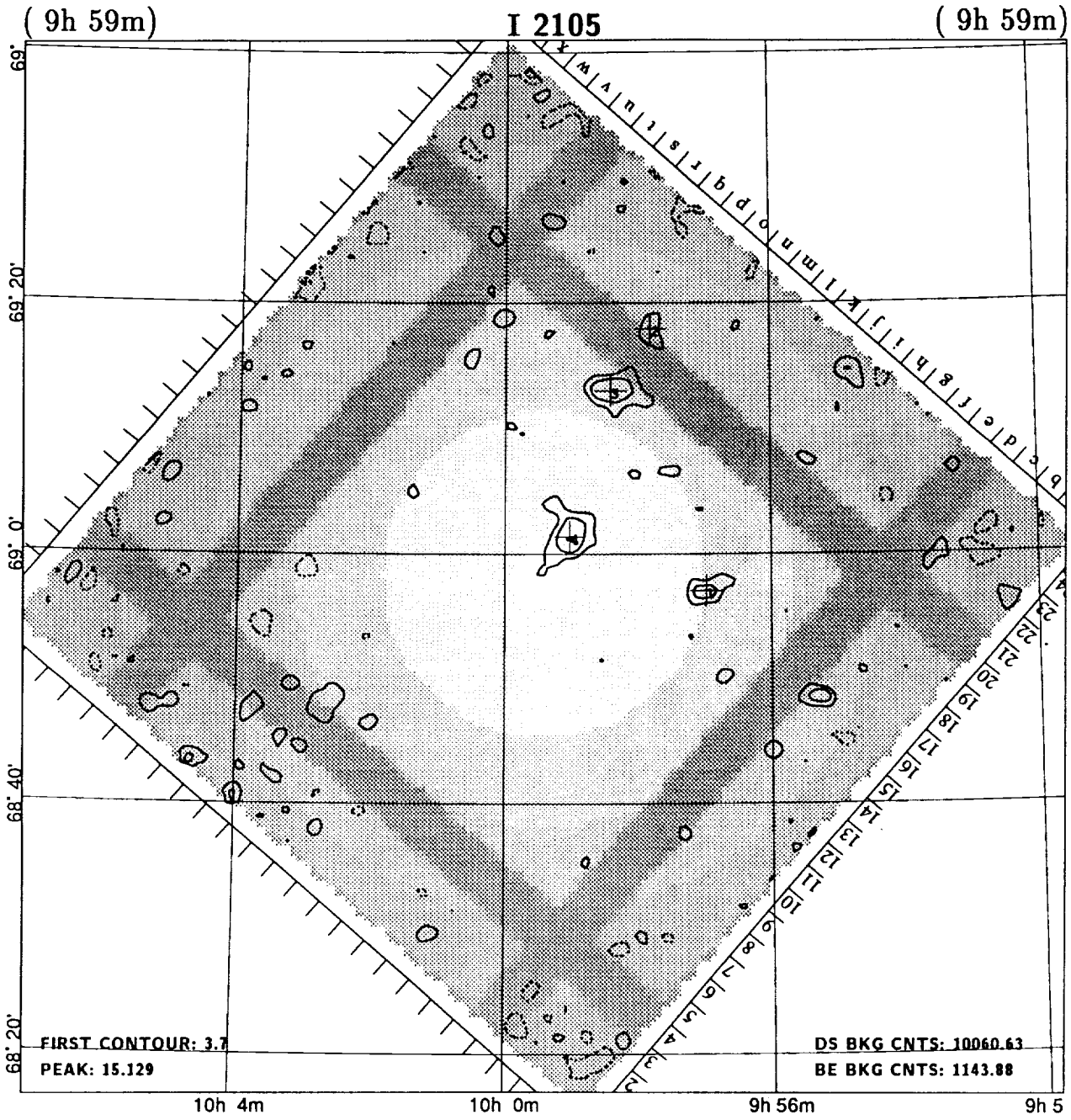
A910: STUDY, CLUSTERS OF GALAXIESF

FIELD CENTER: $09^h59^m12.0^s$ $67°25'00''$ (B1950)
$10^h03^m04.9^s$ $67°10'30''$ (J2000)
ℓ: 143.61 b: 42.57

DATE: 1979/276 - 1979/277
LIVETIME: 4443.1s
ROLL ANGLE: -139.3°

NH: 3.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2201	1	09 54 36.4	67 17 35	50	0.0398	0.0051	69.6	9.4	7.8	1.2	100	27.4	H	
2213	2	09 58 10.1	67 06 19	48	0.0385	0.0043	89.3	8.7	9.0	1.2	100	19.5	H	
2218	3	09 59 11.5	67 24 58	35	0.0224	0.0028	74.1	12.9	7.9	3.4	0	0.2	H	CLG
2219	4	09 59 13.5	67 22 05	35	0.0159	0.0025	51.5	13.5	6.4	4.3	0	2.8	H	CLG
2225	5	10 02 55.2	67 45 39	55	*0.0250	0.0064	21.2	7.8	3.9	1.5	906	29.8	EH	CV



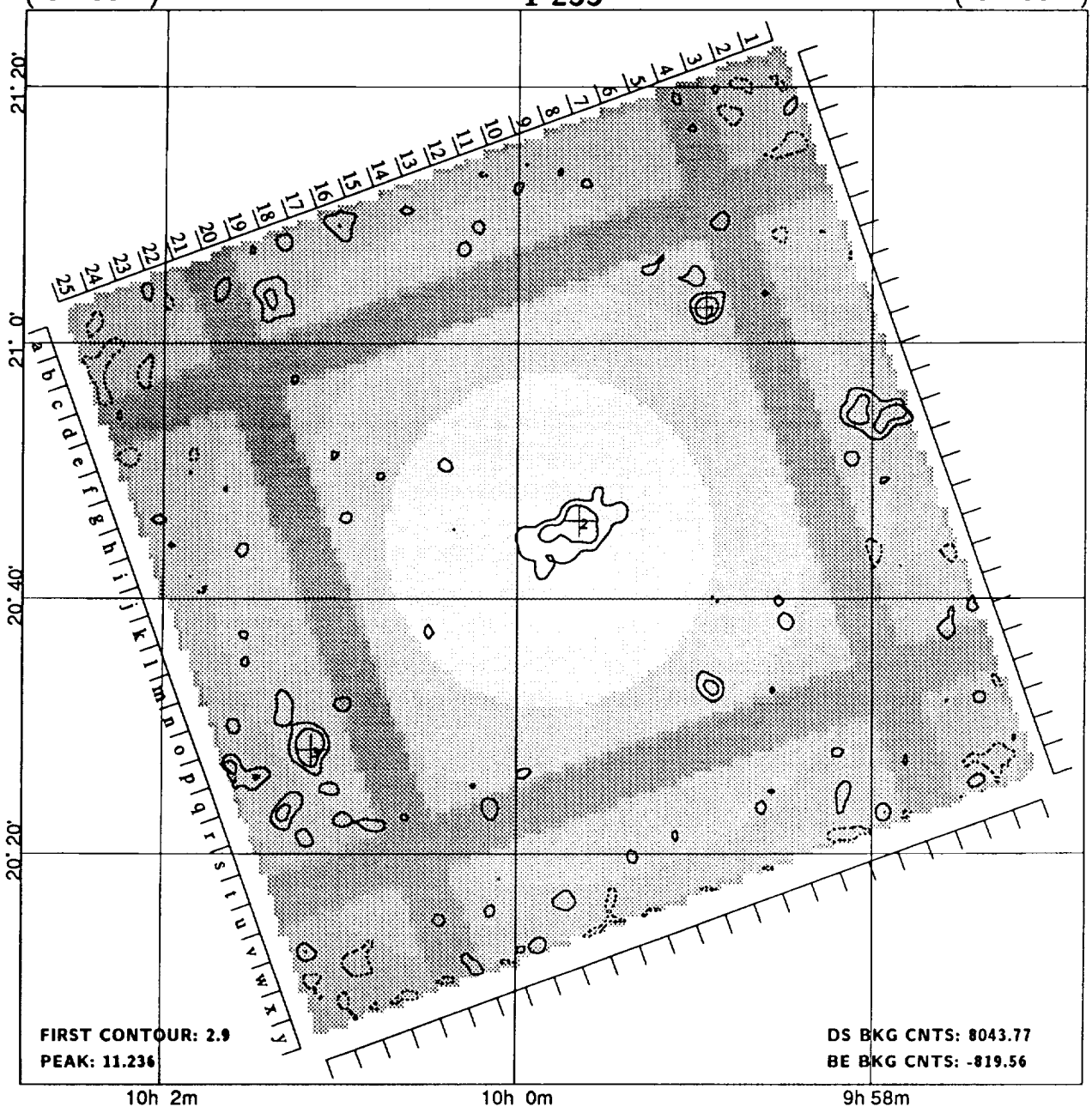
X-RAY SURVEY OF NORMAL GALAXIES: NGC3077

FIELD CENTER: $09^h59^m24.0^s$ $68°58'59''$ (B1950)
$10^h03^m23.2^s$ $68°44'28''$ (J2000)
ℓ: 141.89 b: 41.66

DATE: 1979/277 - 1979/277
LIVETIME: 8152.7s
ROLL ANGLE: -139.2°

NH: 3.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2209	1	09 56 58.6	68 57 02	42	0.0071	0.0015	36.3	24.7	4.6	0.8	0	12.8		
2212	2	09 57 48.7	69 17 55	66	*0.0058	0.0015	23.2	13.8	3.8	0.7	804	20.6		
2214	3	09 58 24.6	69 12 58	42	0.0098	0.0017	46.7	21.3	5.7	1.3	300	14.9	H	
2217	4	09 59 01.5	69 01 21	35	0.0103	0.0016	60.9	28.1	6.5	1.5	0	3.3	H	*



A 913 CLUSTER EVOLUTION

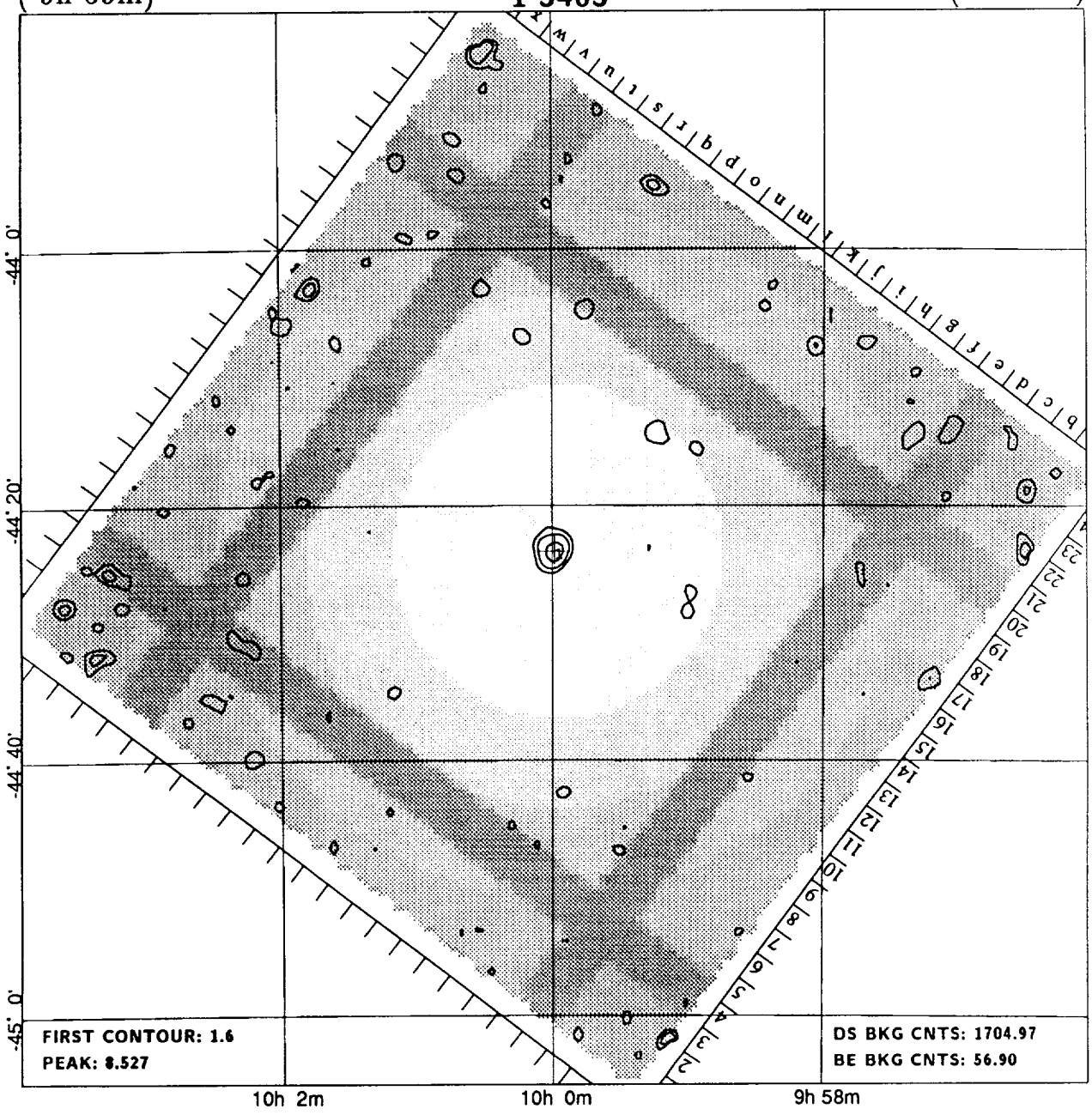
FIELD CENTER: $09^h59^m48.0^s$ $20°43'59''$ (B1950)
$10^h02^m34.2^s$ $20°29'29''$ (J2000)
ℓ: 213.37 b: 50.99

DATE: 1979/140 - 1979/140
LIVETIME: 6518.1s
ROLL ANGLE: 70.2°

NH: 2.8E+20
REF/ID:
FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2215	1	09 58 56.0	21 02 44	52	0.0078	0.0019	24.3	10.7	4.1	0.7	300	22.4	H	
2221	2	09 59 39.0	20 46 03	35	0.0111	0.0018	53.1	18.9	6.3	2.6	0	2.5	H	CLG
2223	3	10 01 09.7	20 28 10	56	0.0100	0.0022	28.2	10.8	4.5	1.2	0	24.6	H	

(9h 59m) **I 5405** (9h 59m)



0959-443,QSO'S WITH RADIO FLAT SPECTRUM

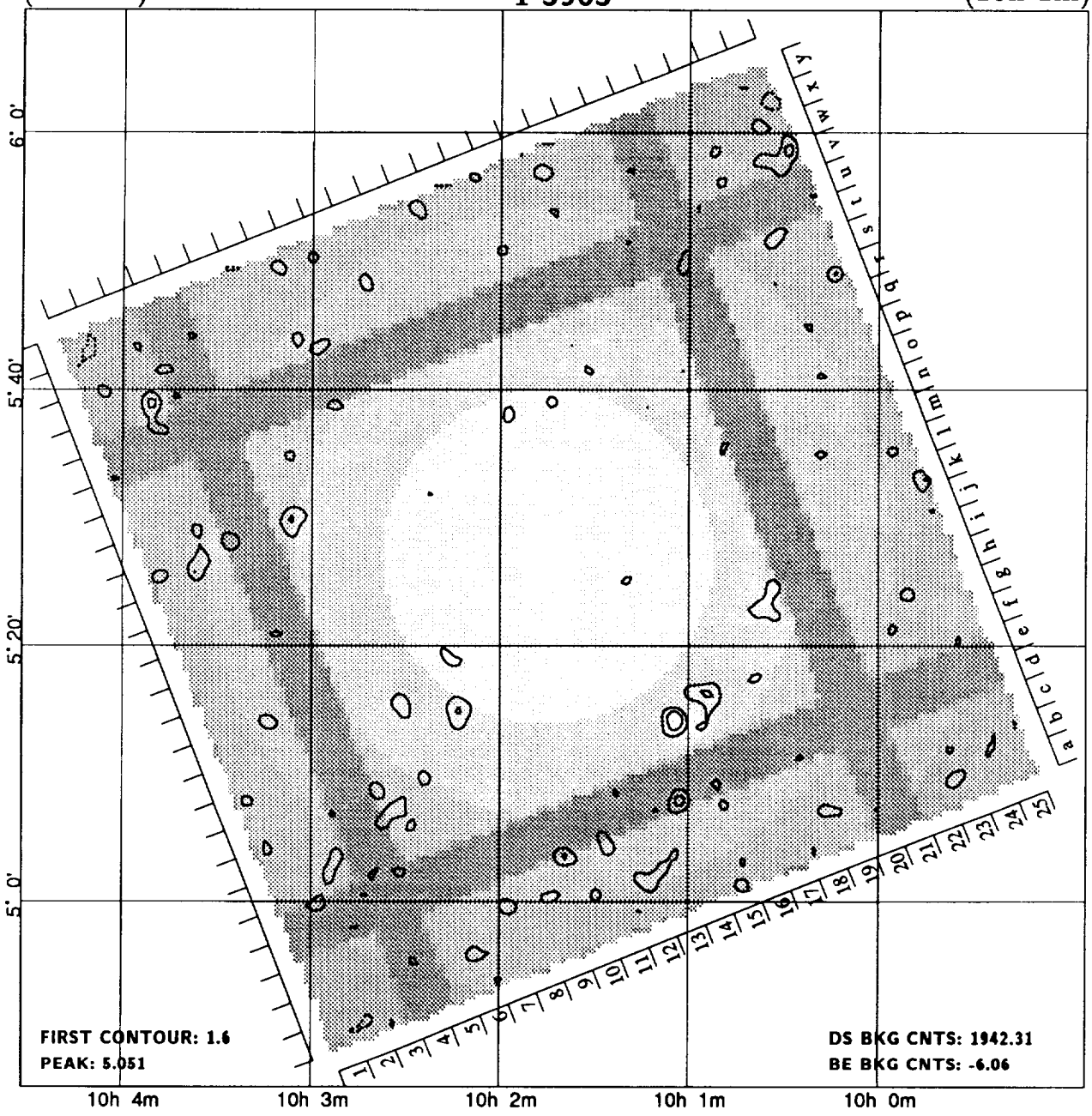
FIELD CENTER: $09^h59^m58.9^s$ -44°23′24″ (B1950)
$10^h02^m00.0^s$ -44°37′55″ (J2000)
ℓ: 273.93 b: 8.49

DATE: 1980/ 10 - 1980/ 10
LIVETIME: 1381.6s
ROLL ANGLE: -143.0°

NH: 1.4E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2222	1	09 59 59.0	-44 23 36	35	0.0358	0.0062	36.8	4.2	5.7	0.9	0	0.2	H	Q

(10h 1m) **I 3963** (10h 1m)

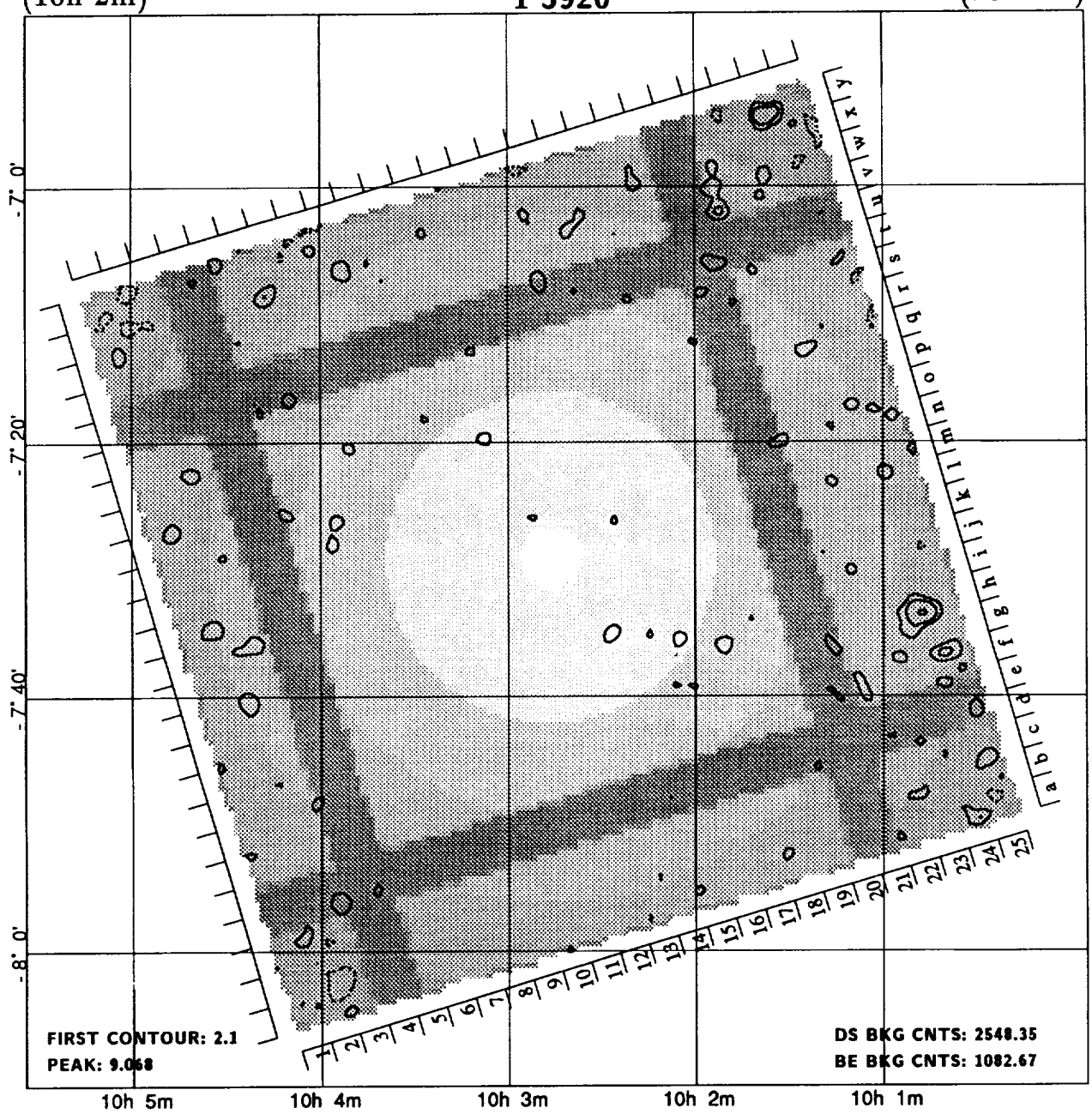


1001+054, BRIGHT NEARBY QUASAR

FIELD CENTER:	$10^h01^m43.3^s$ $05°27'33''$ (B1950)	DATE: 1979/336 - 1979/336	NH: 2.3E+20
	$10^h04^m20.1^s$ $05°12'59''$ (J2000)	LIVETIME: 1573.9s	REF/ID:
	ℓ: 234.16 b: 44.62	ROLL ANGLE: -111.5°	FIELD FLAGS:

C-4

(10h 2m) **I 3920** (10h 2m)



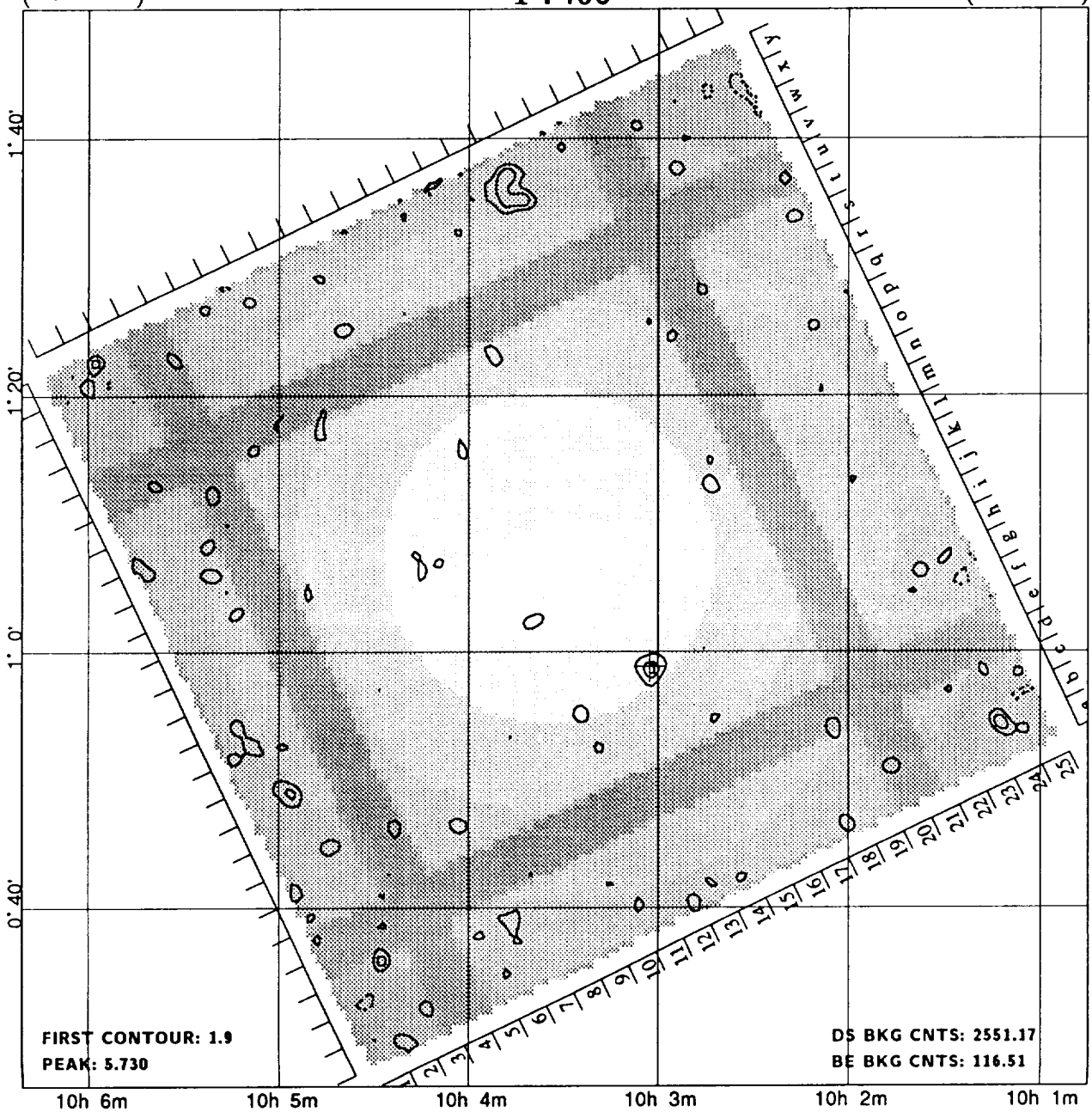
NGC 3115 HALO

FIELD CENTER: $10^h02^m44.4^s$ $-07°28'29''$ (B1950)
$10^h05^m13.8^s$ $-07°43'06''$ (J2000)
ℓ: 247.78 b: 36.78

DATE: 1979/316 - 1979/316
LIVETIME: 2065.0s
ROLL ANGLE: -106.5°

NH: 4.5E+20
REF/ID:
FIELD FLAGS: L

(10h 3m) **I 7406** (10h 3m)



GD 113,SUBDWARF STAR

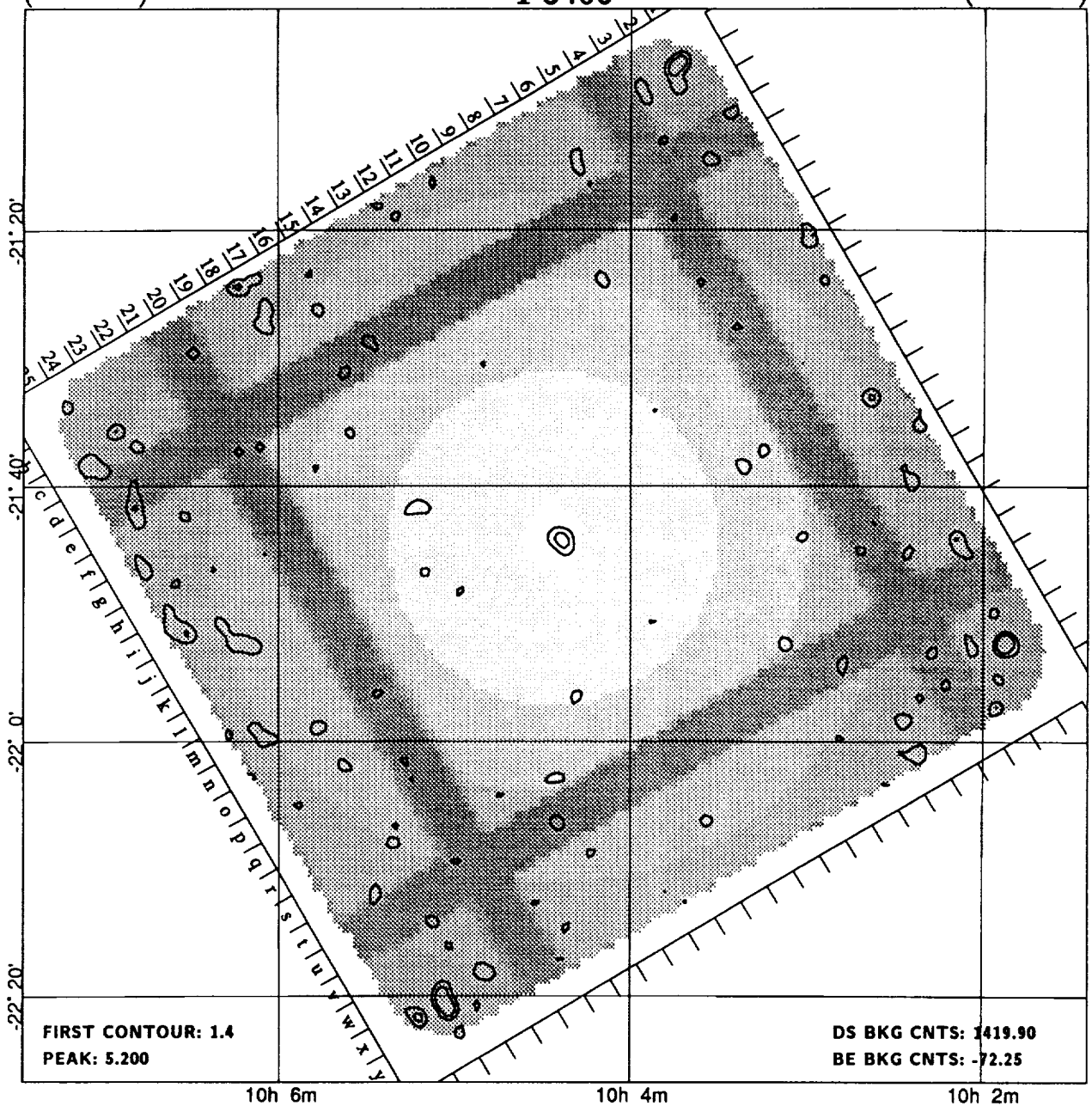
FIELD CENTER: $10^h03^m33.0^s$ 01°08′05″ (B1950)
$10^h06^m07.3^s$ 00°53′27″ (J2000)
ℓ: 239.38 b: 42.48

DATE: 1980/354 - 1980/355
LIVETIME: 2067.3s
ROLL ANGLE: -115.6°

NH: 2.9E+20
REF/ID:
FIELD FLAGS:

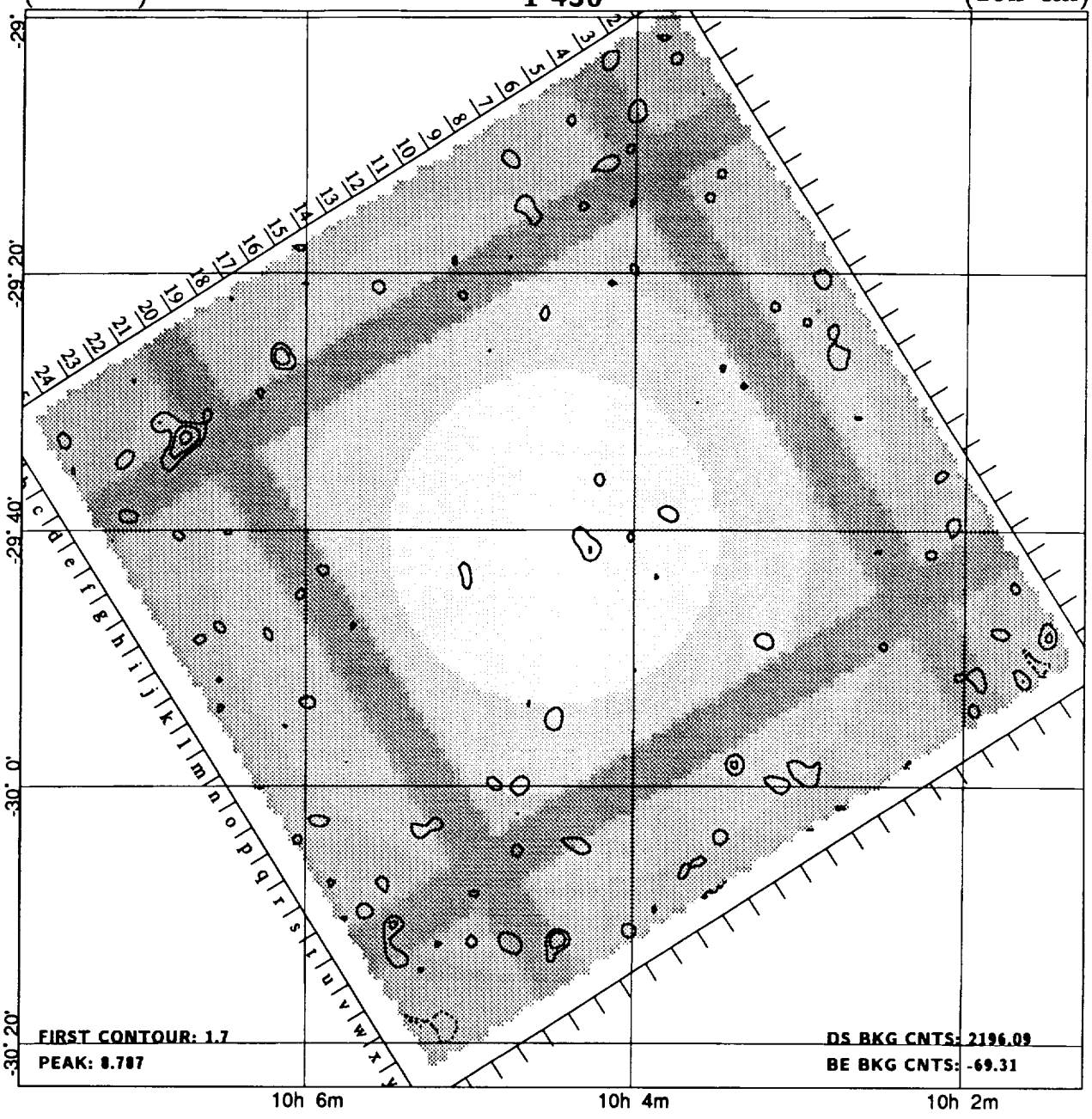
CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2226	1	10 03 02.7	00 58 51	47	0.0131	0.0036	17.5	5.5	3.6	0.8	0	11.7	H	

(10h 4m) **I 5406** (10h 4m)



1004-217,QSO'S WITH RADIO FLAT SPECTRUM

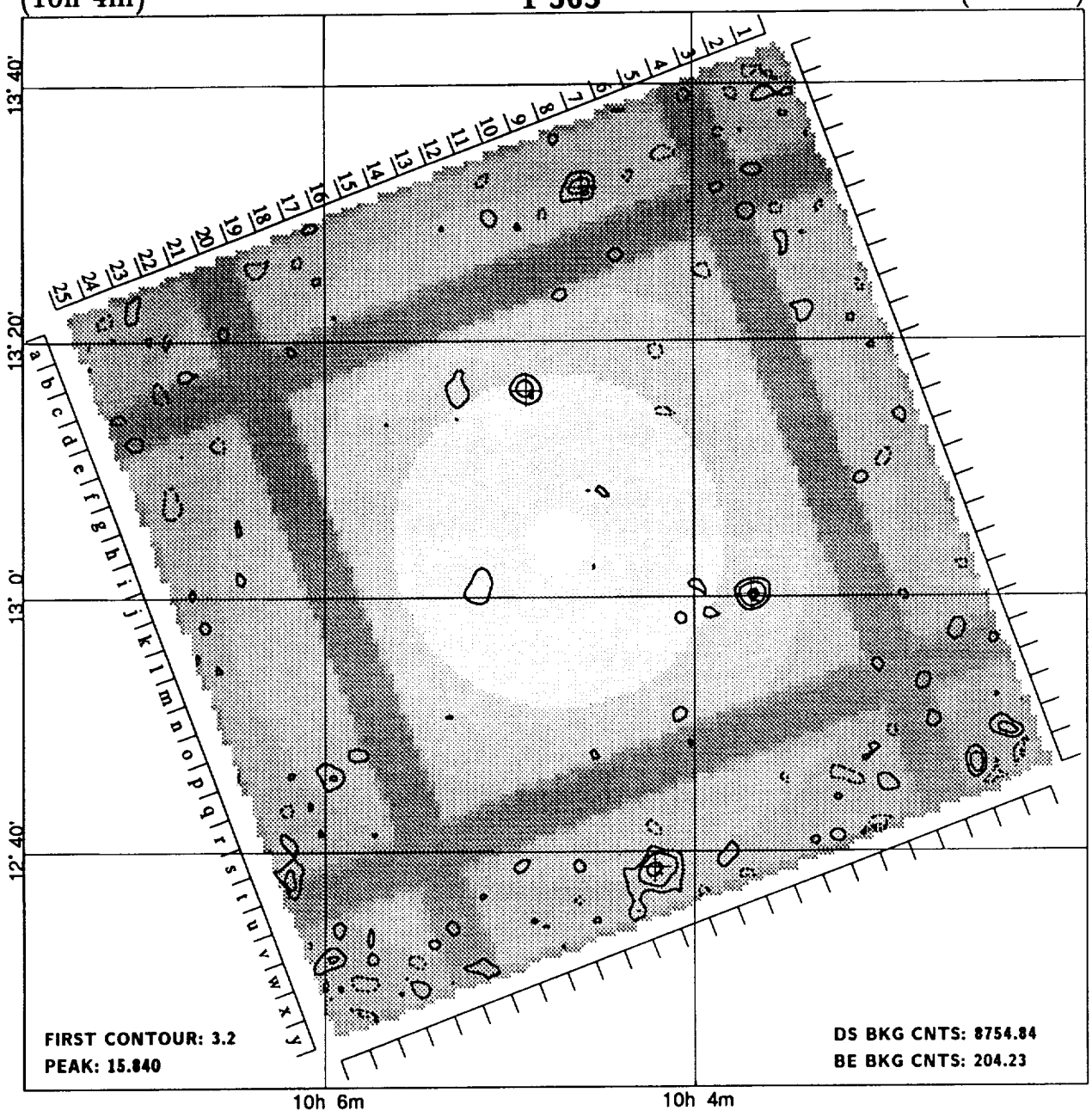
FIELD CENTER:	$10^h04^m25.4^s$ -21°44'43" (B1950)	DATE: 1980/166 - 1980/167	NH: 5.4E+20
	$10^h06^m46.3^s$ -21°59'23" (J2000)	LIVETIME: 1150.6s	REF/ID: !
	ℓ: 259.80 b: 26.78	ROLL ANGLE: 59.6°	FIELD FLAGS:



NGC 3125 ABNORMAL GALAXIES SURVEY

FIELD CENTER:	$10^h04^m30.0^s$ -29°41'29" (B1950)	DATE: 1979/168 - 1979/168	NH: 6.2E+20
	$10^h06^m45.4^s$ -29°56'09" (J2000)	LIVETIME: 1779.6s	REF/ID:
	ℓ: 265.36 b: 20.67	ROLL ANGLE: 57.7°	FIELD FLAGS:

(10h 4m) **I 563** (10h 4m)



QSO 1004+130 (4C 13.41) QUASAR SURVEY

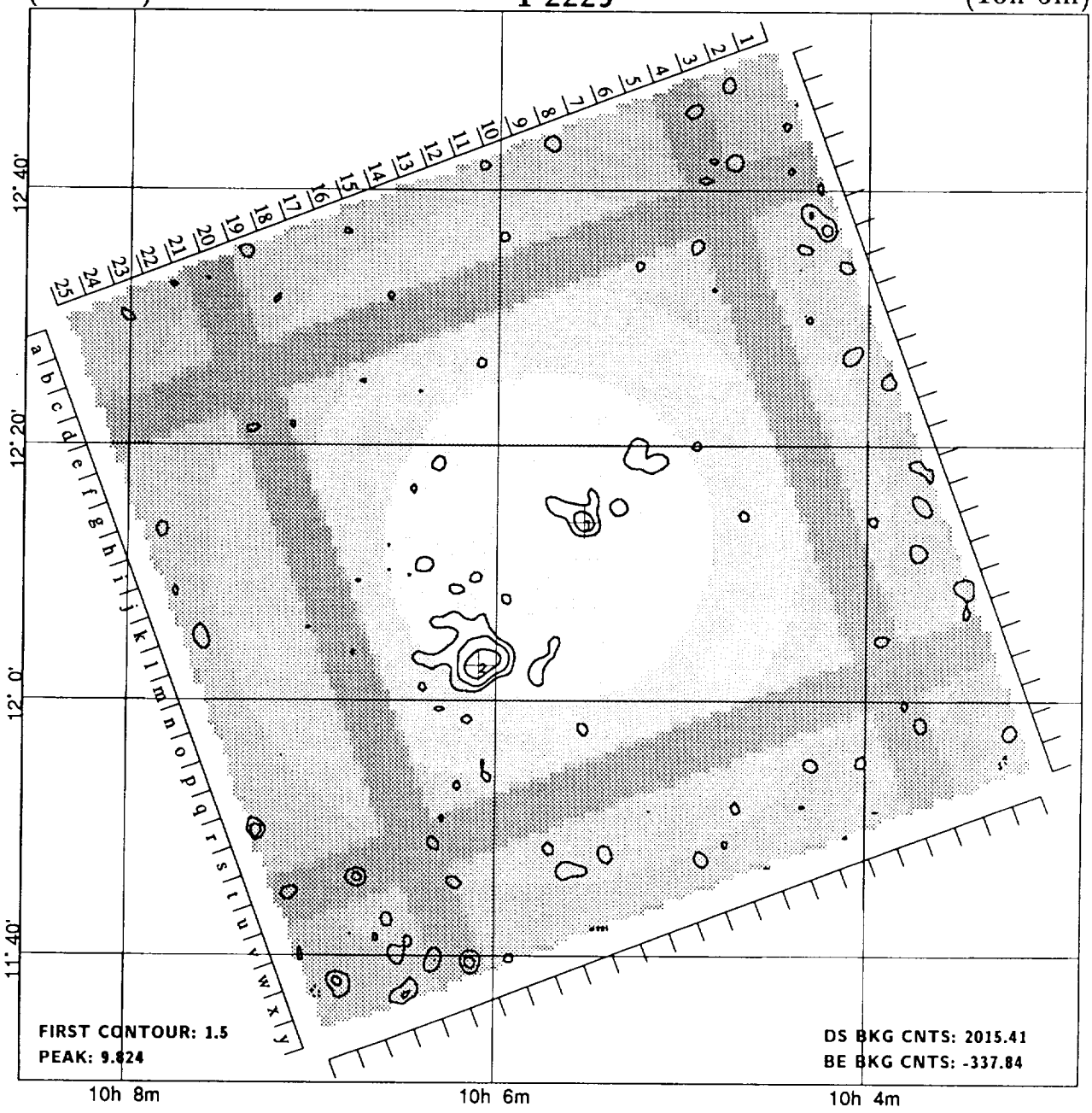
FIELD CENTER: $10^h04^m45.0^s$ $13°03'37''$ (B1950)
$10^h07^m26.0^s$ $12°48'57''$ (J2000)
ℓ: 225.12 b: 49.12

DATE: 1979/141 - 1980/130
LIVETIME: 7094.3s
ROLL ANGLE: 69.4°

NH: 3.8E+20
REF/ID: Q
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2227	1	10 03 41.4	13 00 11	50	0.0098	0.0019	40.4	19.6	5.2	0.7	0	16.0	H	
2228	2	10 04 12.8	12 38 47	51	0.0110	0.0024	31.6	15.4	4.6	1.4	0	26.1	H	
2229	3	10 04 36.3	13 31 51	58	0.0080	0.0022	22.0	14.0	3.7	0.7	0	28.5		
2230	4	10 04 54.5	13 16 05	42	0.0067	0.0016	30.1	19.9	4.3	0.7	0	12.6		

(10h 5m) **I 2229** (10h 5m)



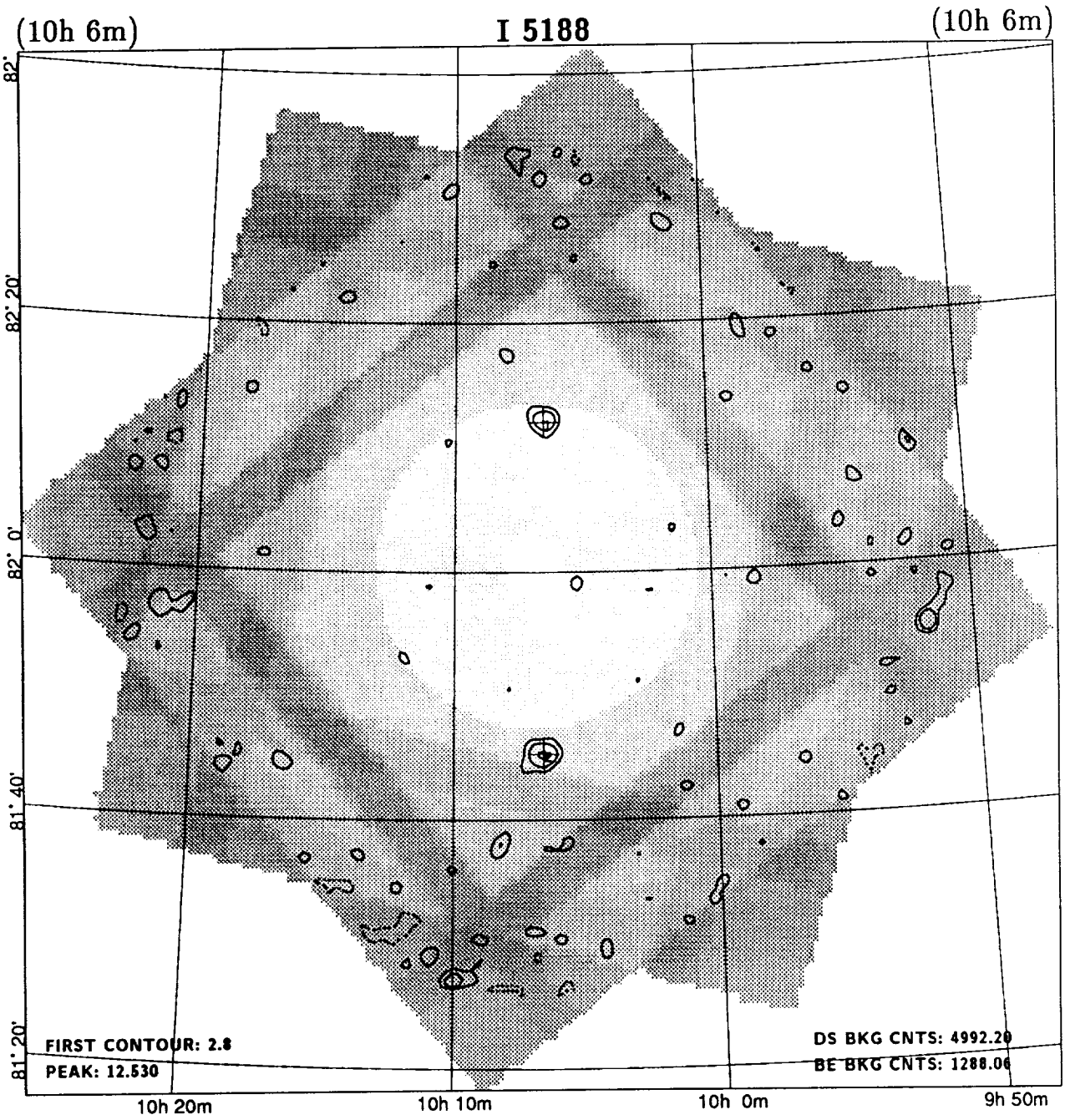
STELLAR SURVEY-EARLY TYPE STARS: HD87901=ALPHA LEO

FIELD CENTER: $10^h05^m42.0^s$ $12°11'59''$ (B1950)
$10^h08^m22.5^s$ $11°57'17''$ (J2000)
ℓ: 226.44 b: 48.93

DATE: 1979/143 - 1979/143
LIVETIME: 1633.1s
ROLL ANGLE: 69.5°

NH: 3.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2231	1	10 05 31.6	12 13 58	41	0.0154	0.0040	18.3	4.7	3.8	1.0	0	3.2	H	S
2232	2	10 06 05.8	12 02 46	41	0.0345	0.0060	36.7	3.3	5.8	1.8	0	10.6	H	



STAR HD 96511,CORRELATION OF CORONAL ACTIVITY WITH BINARY PERIOD

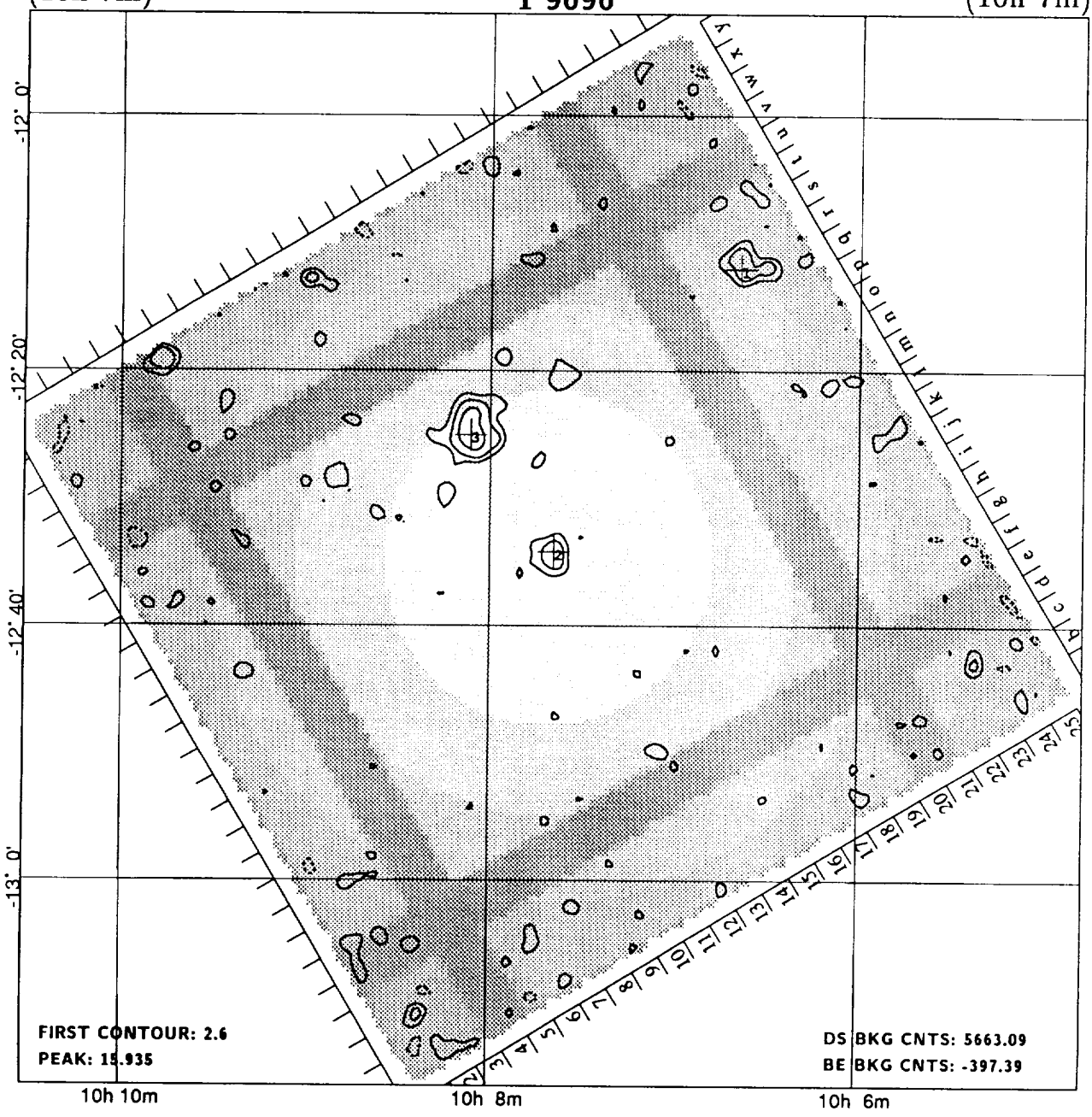
FIELD CENTER: $10^h06^m40.0^s$ $82°00'19''$ (B1950)
$10^h12^m50.4^s$ $81°45'31''$ (J2000)
ℓ: 129.22 b: 33.33

DATE: 1979/292 - 1980/ 65
LIVETIME: 4045.4s

NH: 3.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2233	1	10 06 30.0	82 12 03	42	0.0114	0.0025	29.7	14.3	4.5	0.7	0	11.9	H	
2234	2	10 06 35.3	81 45 21	42	0.0160	0.0030	38.2	12.8	5.4	0.9	300	14.8	H	Q

(10h 7m) **I 9696** (10h 7m)



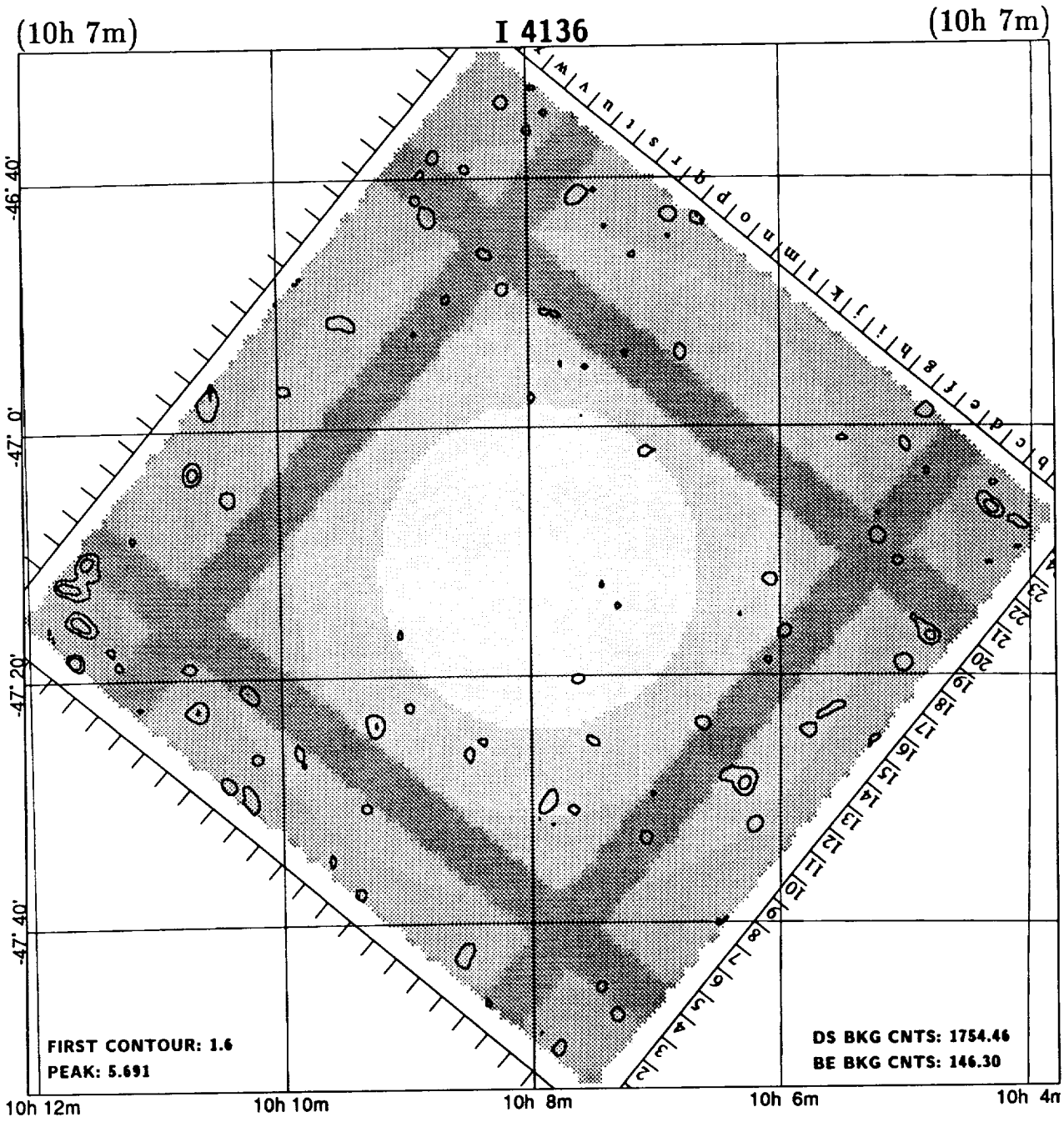
F0-G5 STARS: HR 3991

FIELD CENTER: $10^h07^m39.5^s$ -12°34'04" (B1950)
$10^h10^m06.2^s$ -12°48'51" (J2000)
ℓ: 253.29 b: 34.08

DATE: 1980/356 - 1980/357
LIVETIME: 4589.0s
ROLL ANGLE: -121.0°

NH: 6.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2235	1	10 06 38.7	-12 12 01	58	0.0109	0.0029	19.6	7.4	3.8	1.3	0	26.5	H	
2236	2	10 07 39.1	-12 34 11	36	0.0096	0.0020	33.0	13.0	4.9	0.9	0	0.2	H	S
2237	3	10 08 06.4	-12 25 03	41	0.0209	0.0029	62.1	10.9	7.3	1.8	0	11.4	H	



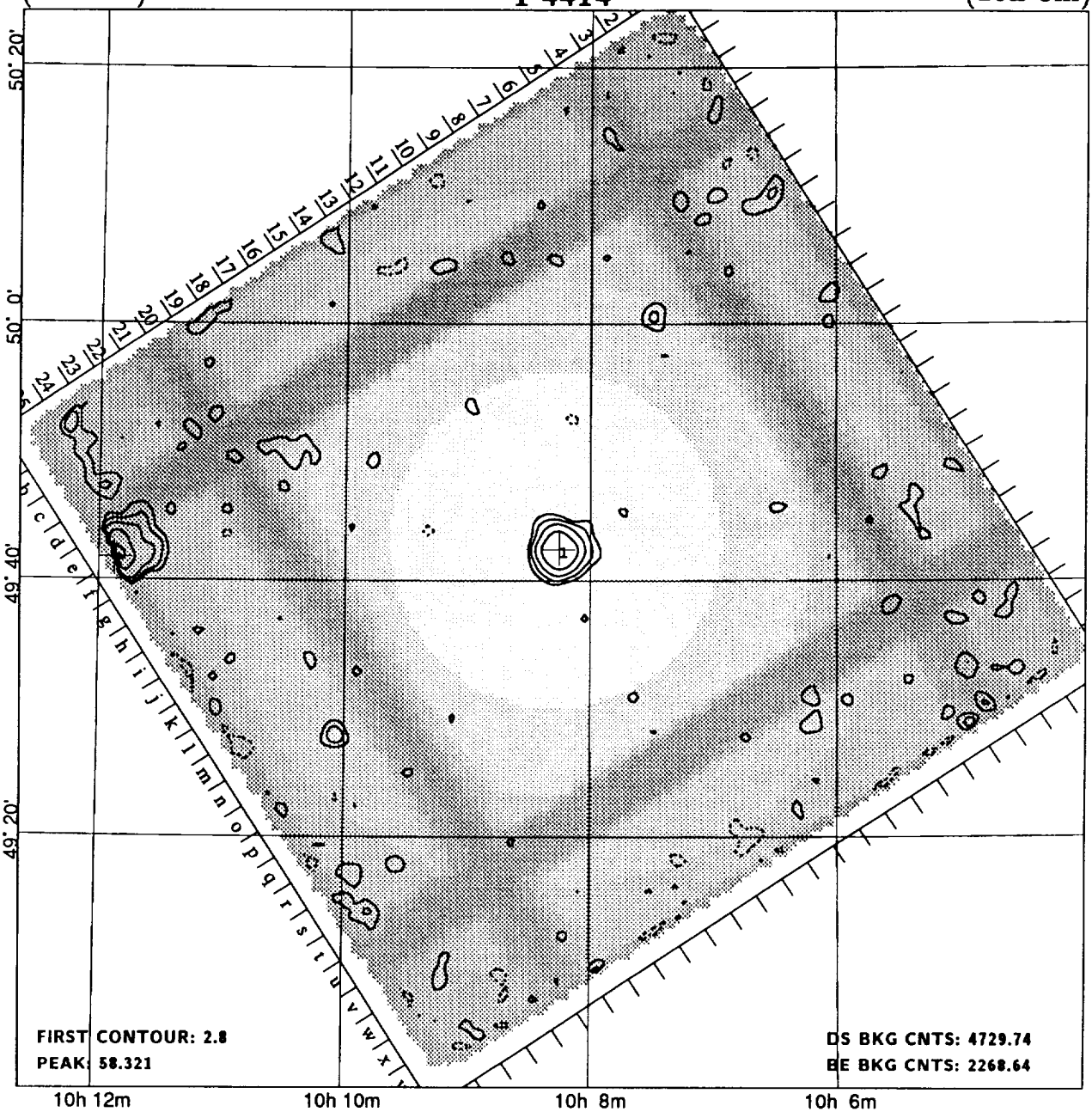
H1011-47 POSITION

FIELD CENTER: $10^h07^m55.2^s$ -47°11'23" (B1950)
$10^h09^m55.2^s$ -47°26'10" (J2000)
ℓ: 276.73 b: 7.05

DATE: 1980/ 8 - 1980/ 9
LIVETIME: 1421.7s
ROLL ANGLE: -140.4°

NH: 1.4E+21
REF/ID:
FIELD FLAGS:

(10h 8m) **I 4414** (10h 8m)



STELLAR SURVEY: HD 88230

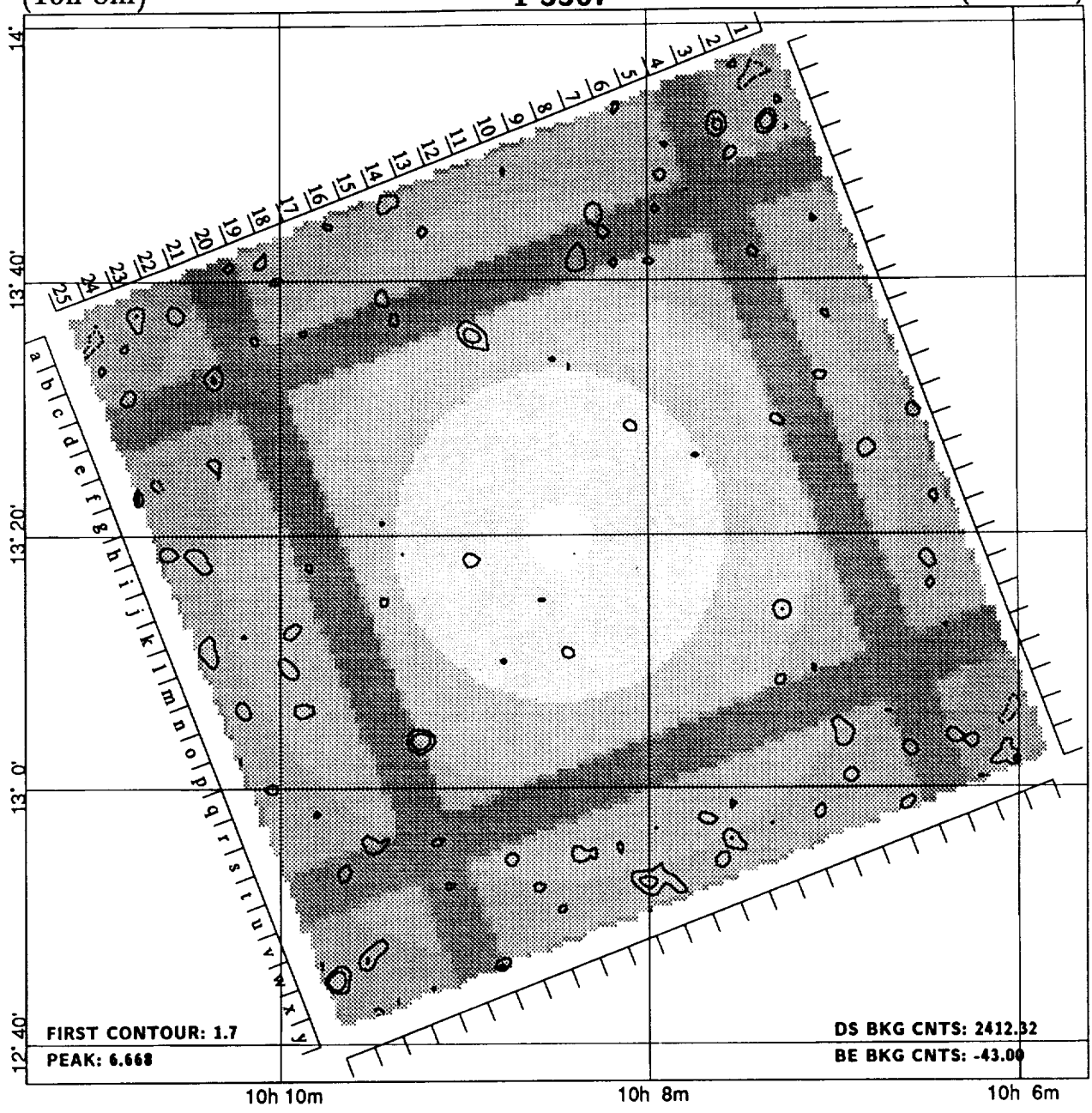
FIELD CENTER: $10^h08^m19.0^s$ 49°42′28″ (B1950)
$10^h11^m29.0^s$ 49°27′40″ (J2000)
ℓ: 165.84 b: 52.16

DATE: 1980/111 - 1980/113
LIVETIME: 3970.3s
ROLL ANGLE: 57.0°

NH: 8.4E+19
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2238	1	10 08 15.2	49 42 25	31	0.0768	0.0053	227.4	17.6	14.5	1.5	0	0.4	H	
2250	2	10 11 52.5	49 41 45	48	*0.217	0.019	134.6	5.4	11.4	4.0	1309	34.5	EH	

(10h 8m) **I 5367** (10h 8m)



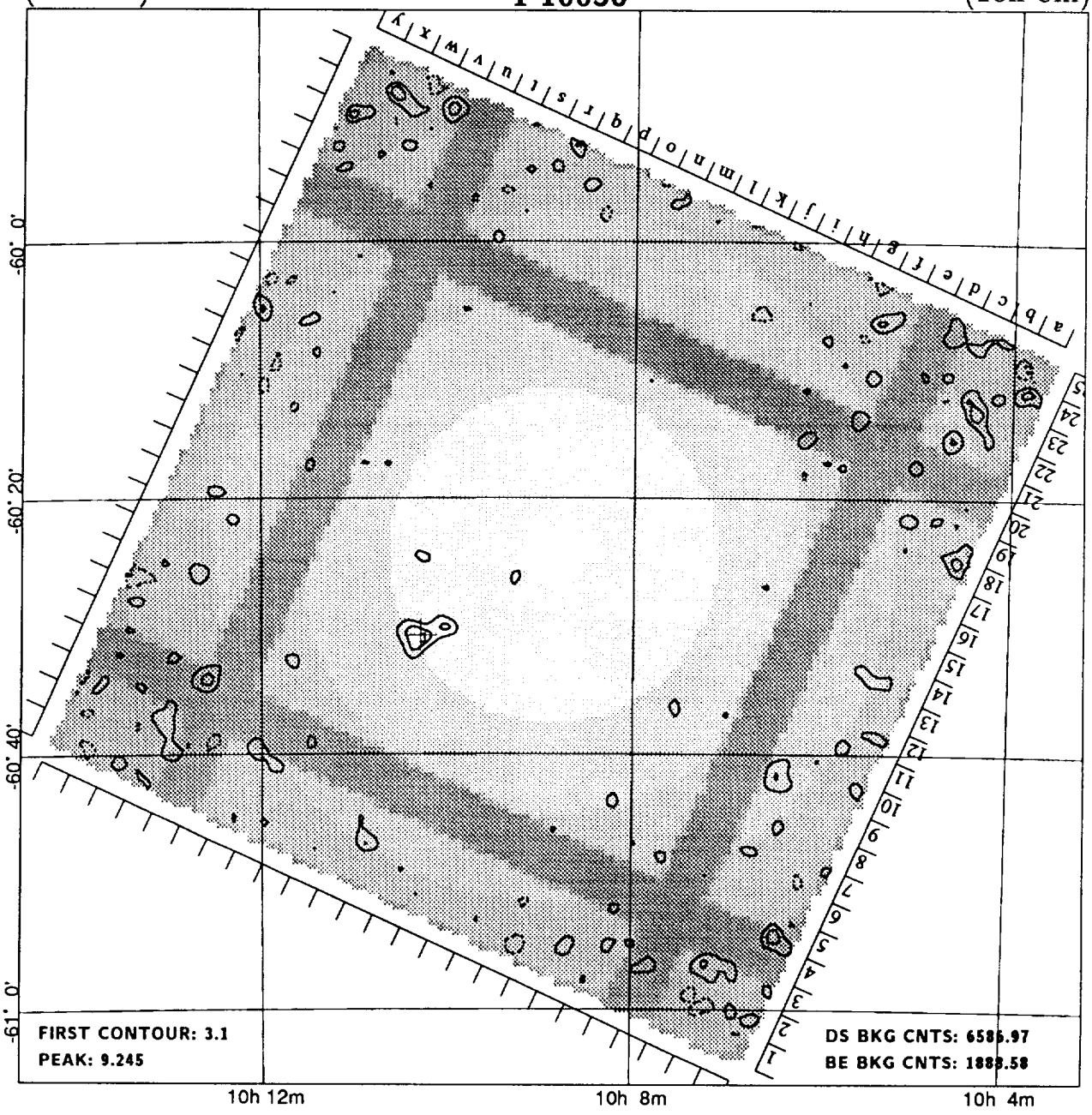
SURVEY OF BRIGHT QUASARS (PG)

FIELD CENTER: $10^h08^m30.0^s$ $13°19'06''$ (B1950)
$10^h11^m11.0^s$ $13°04'18''$ (J2000)
ℓ: 225.40 b: 50.05

DATE: 1980/129 - 1980/129
LIVETIME: 2025.0s
ROLL ANGLE: 68.9°

NH: 3.8E+20
REF/ID:
FIELD FLAGS:

(10h 8m) **I 10058** (10h 8m)



CORONAL EMISSION FROM WOLF-RAYET STARS W/OVI EMISSION:HD 88500

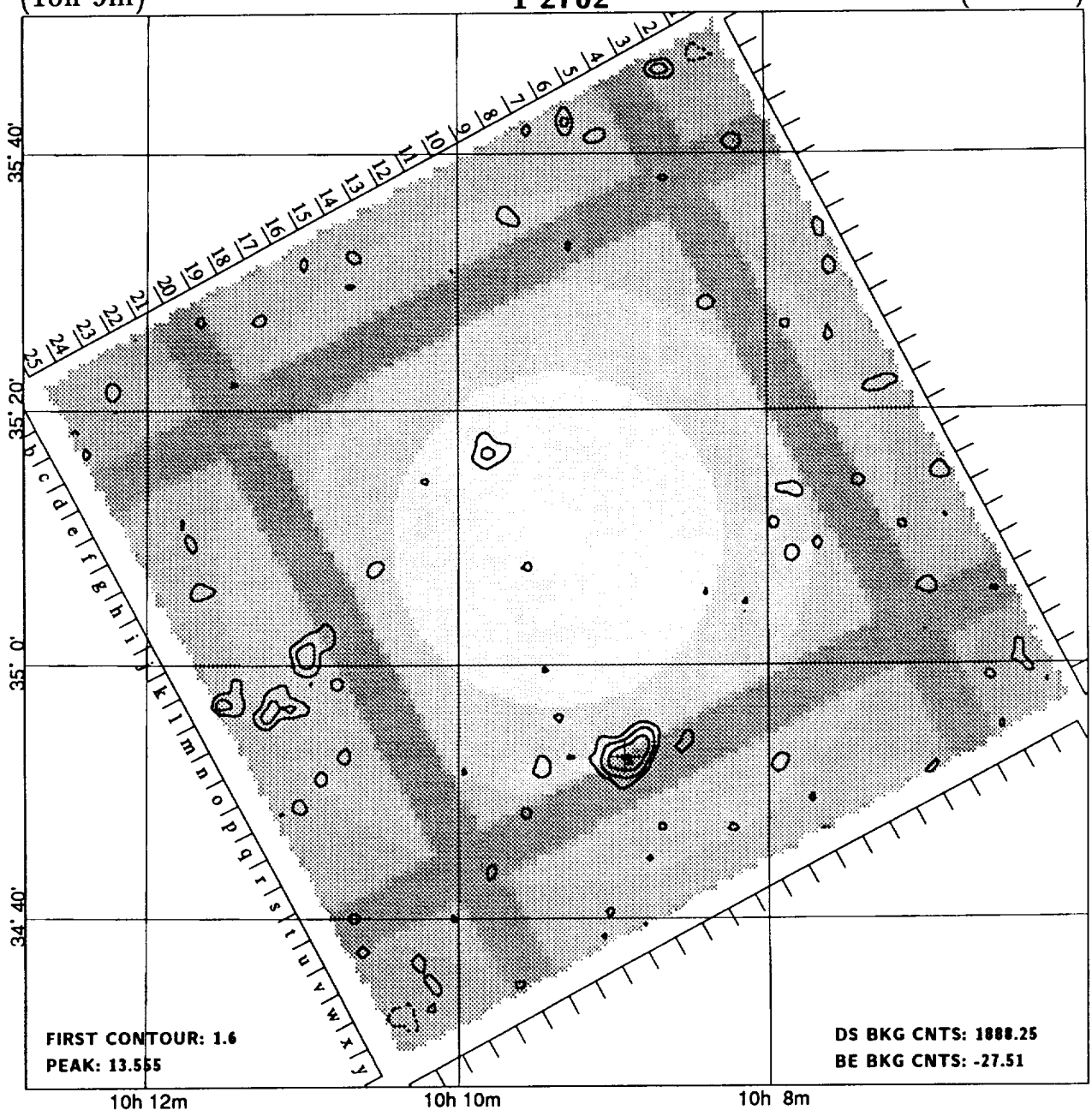
FIELD CENTER: $10^h08^m52.8^s$ -60°23'56" (B1950)
$10^h10^m31.8^s$ -60°38'45" (J2000)
ℓ: 284.44 b: -3.69

DATE: 1981/ 24 - 1981/ 24
LIVETIME: 5337.7s
ROLL ANGLE: -155.6°

NH: 1.5E+21
REF/ID: S
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2240	1	10 10 17.5	-60 30 46	42	0.0106	0.0022	36.0	18.0	4.9	1.1	0	12.8	H	

(10h 9m) **I 2702** (10h 9m)



ACTIVE AND ABNORMAL GALAXIES: 3C 236

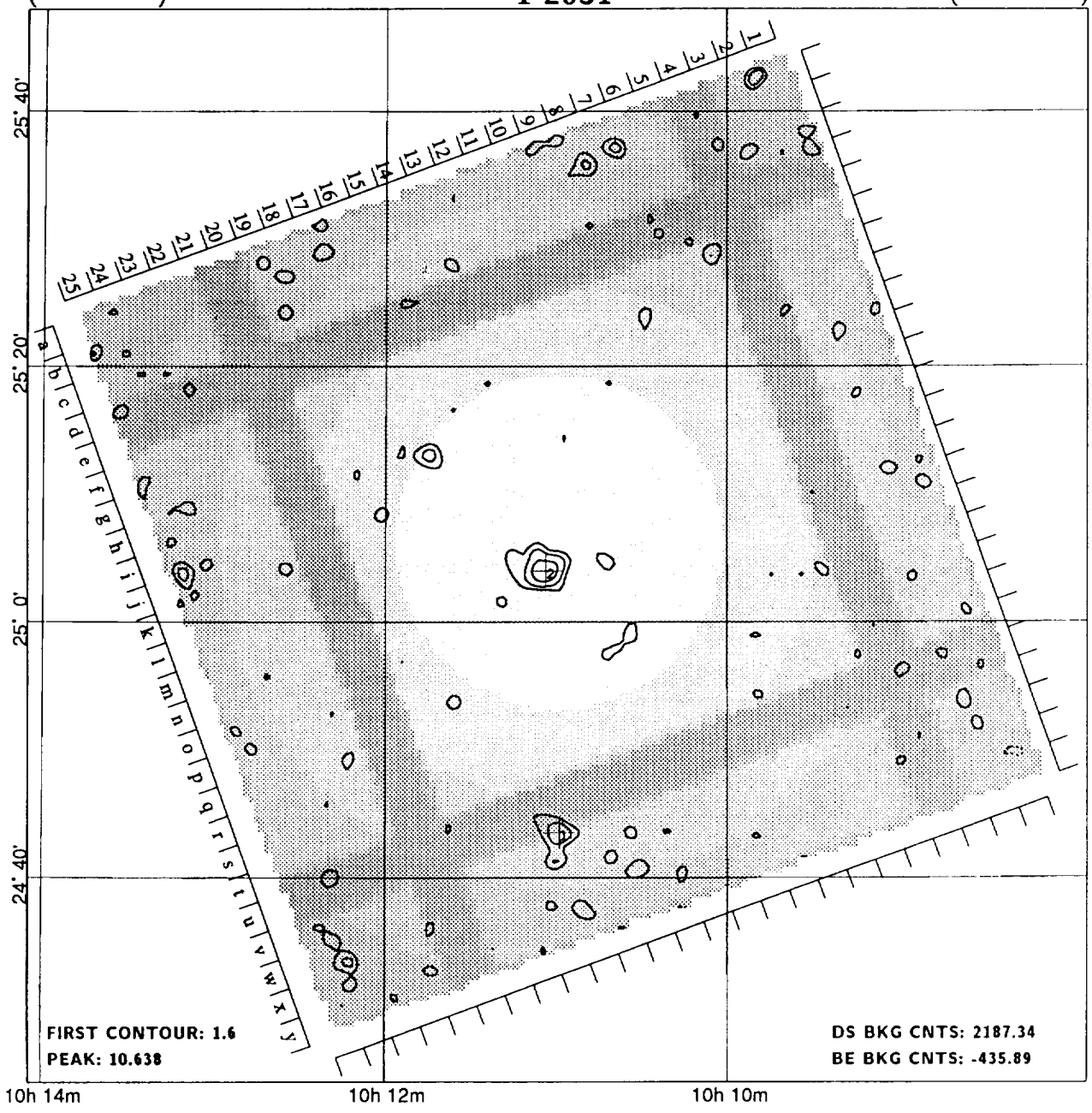
FIELD CENTER: $10^h09^m22.0^s$ $35°08'59''$ **(B1950)**
$10^h12^m17.2^s$ $34°54'09''$ **(J2000)**
ℓ: **190.02** b: **55.26**

DATE: 1979/144 - 1979/144
LIVETIME: 1530.1s
ROLL ANGLE: 61.9°

NH: 1.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2239	1	10 08 55.8	34 52 44	50	*0.0478	0.0078	40.0	3.0	6.1	1.4	906	17.0	H	AGN

(10h 11m) **I 2031** (10h 11m)



TON 490: STUDY, QUASARS

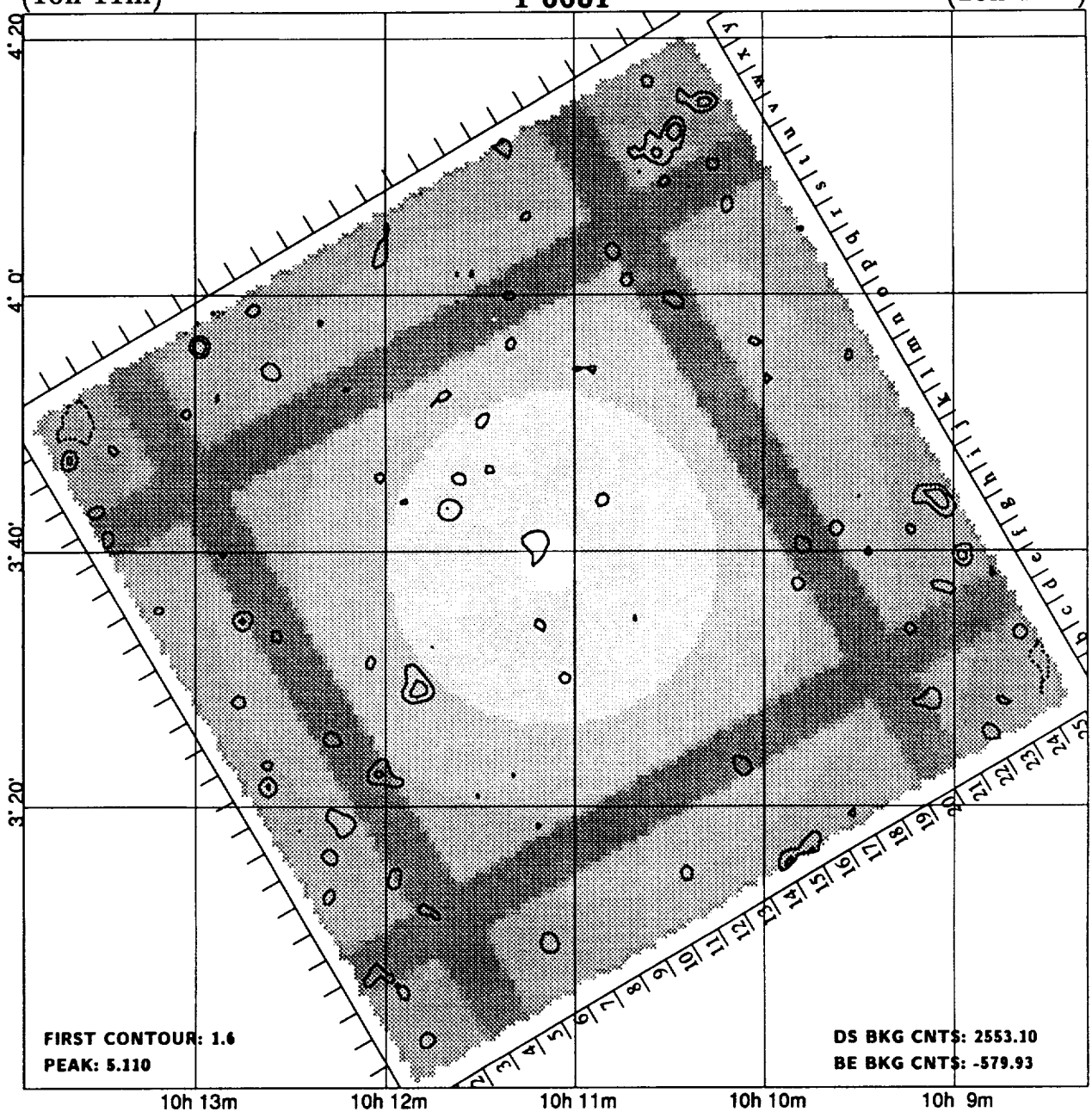
FIELD CENTER: $10^h11^m00.0^s$ $25°05'59''$ (B1950)
$10^h13^m47.8^s$ $24°51'06''$ (J2000)
ℓ: 207.54 b: 54.65

DATE: 1979/143 - 1979/143
LIVETIME: 1772.5s
ROLL ANGLE: 70.1°

NH: 2.4E+20
REF/ID:
FIELD FLAGS:

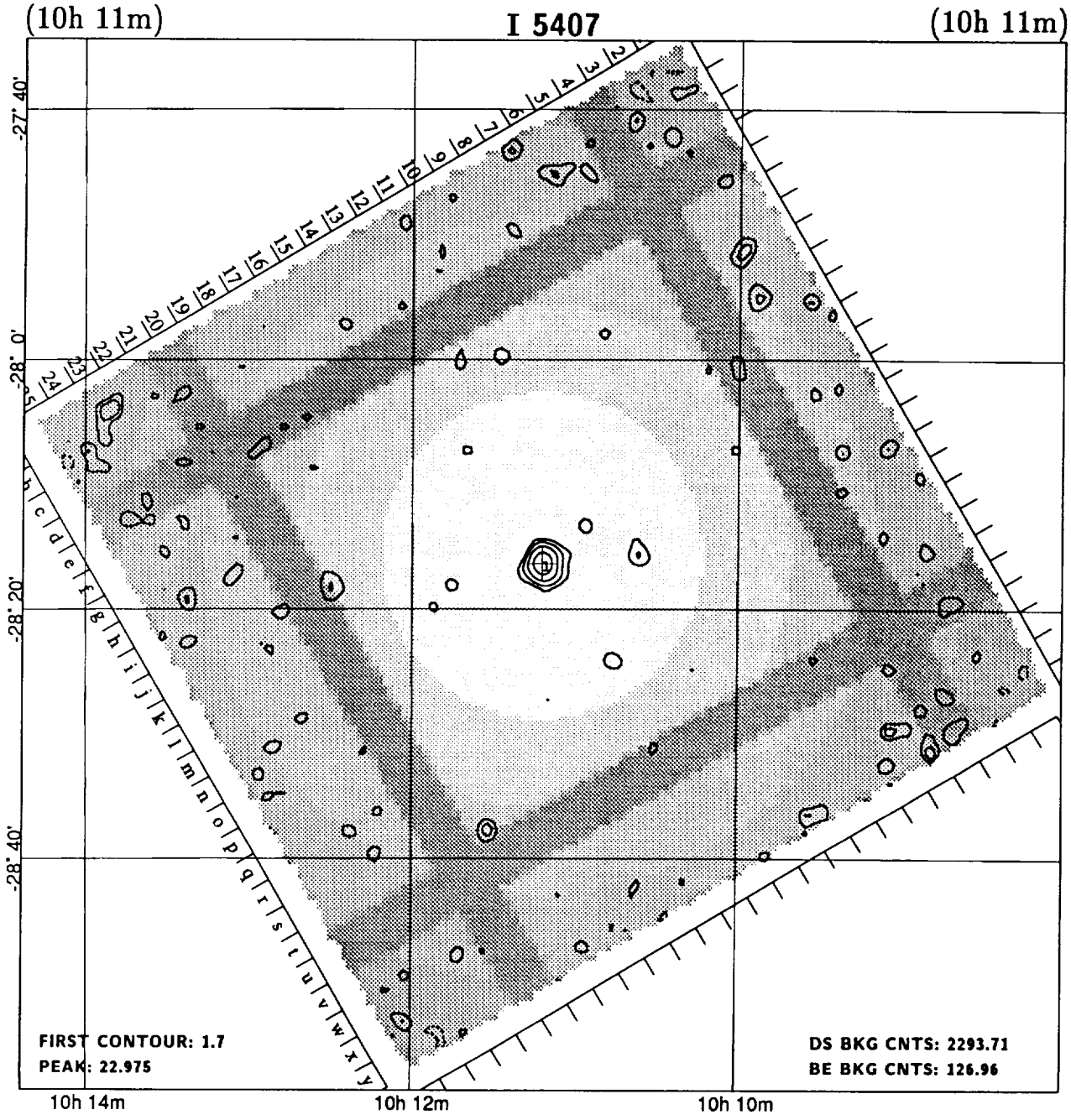
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2243	1	10 10 58.7	24 43 34	55	*0.0169	0.0048	14.0	2.0	3.5	1.0	805	22.5	H	
2244	2	10 11 03.7	25 04 04	35	0.0347	0.0054	45.2	3.8	6.5	1.2	0	1.9	H	Q

(10h 11m) **I 6681** (10h 11m)



GROUPS OF GALAXIES: TG 20

FIELD CENTER:	$10^h11^m06.0^s$ 03°39'59" (B1950)	**DATE:** 1979/341 - 1979/341	**NH:** 2.6E+20
	$10^h13^m41.6^s$ 03°25'06" (J2000)	**LIVETIME:** 2068.9s	**REF/ID:** !
	ℓ: 238.14 b: 45.51	**ROLL ANGLE:** -120.3°	**FIELD FLAGS:**



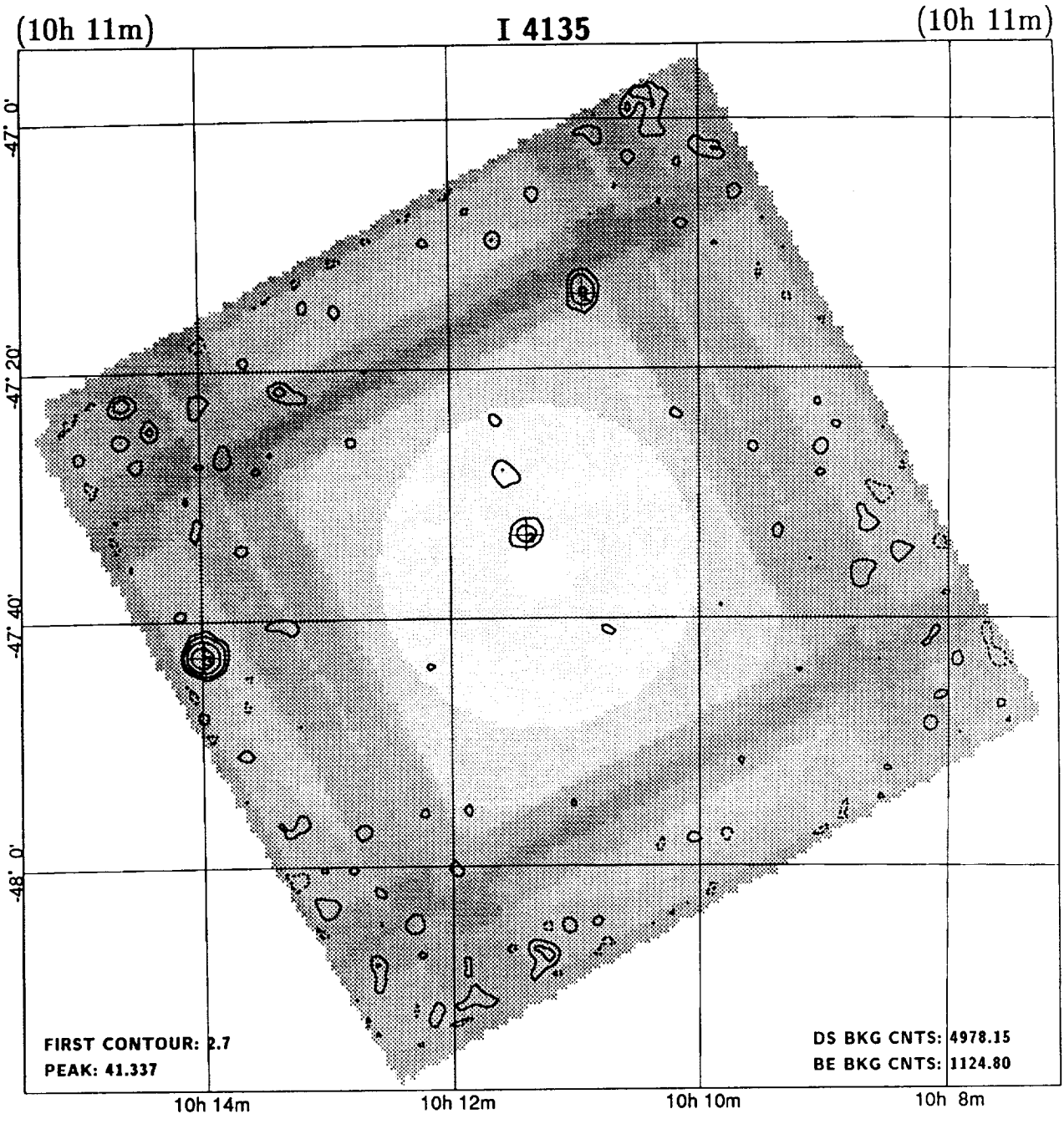
1011-282,QSO'S WITH RADIO FLAT SPECTRUM

FIELD CENTER: $10^h11^m12.2^s$ $-28°16'31''$ (B1950)
$10^h13^m29.6^s$ $-28°31'25''$ (J2000)
ℓ: 265.66 b: 22.69

DATE: 1980/167 - 1980/167
LIVETIME: 1858.7s
ROLL ANGLE: 59.5°

NH: 5.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2247	1	10 11 12.0	-28 16 21	31	0.0607	0.0068	84.0	6.0	8.9	1.0	0	0.2	H	Q



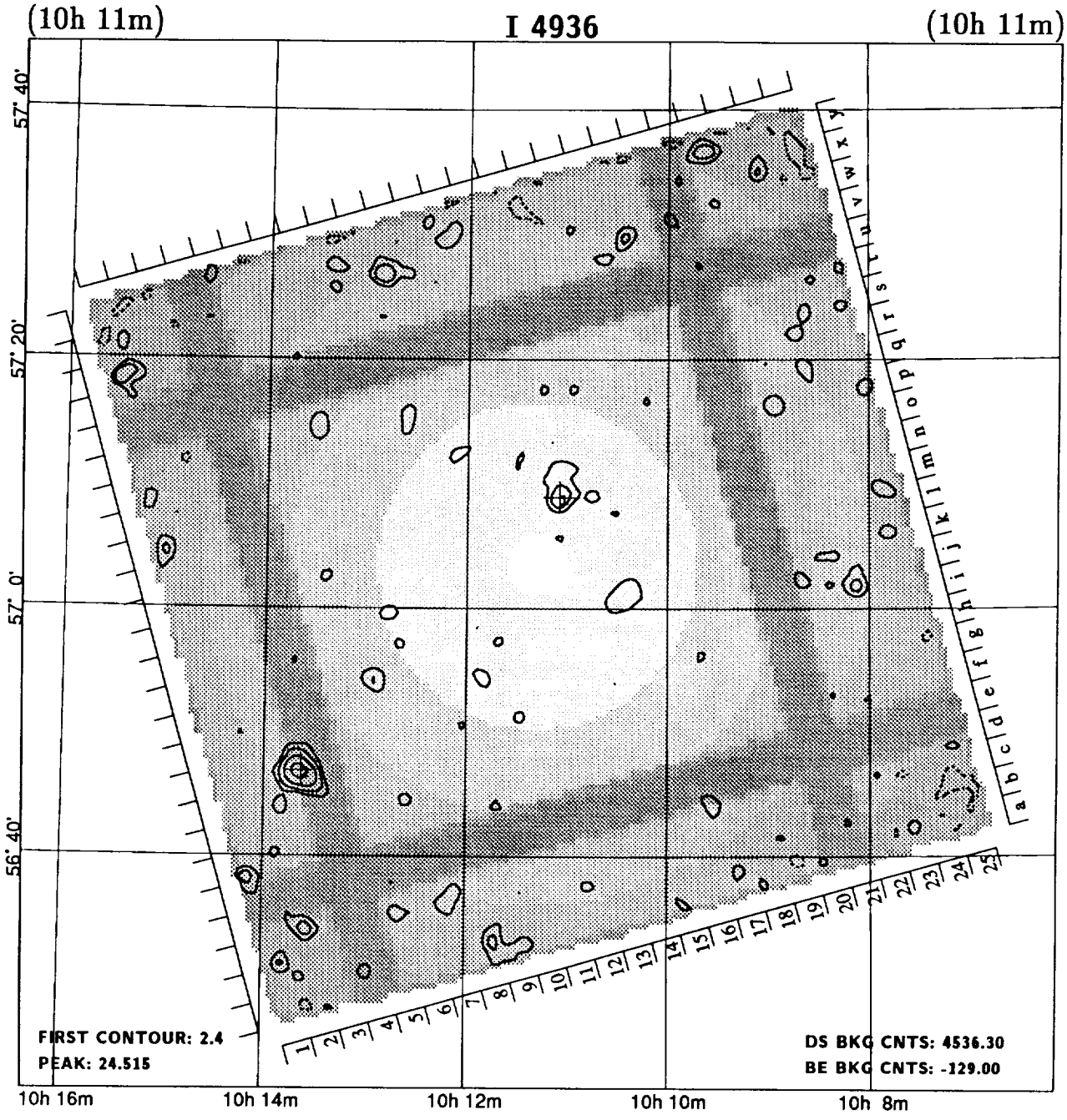
H1011-47 POSITION

FIELD CENTER: $10^h11^m16.8^s$ -47°35′59″ (B1950)
$10^h13^m17.2^s$ -47°50′53″ (J2000)
ℓ: 277.44 b: 7.04

DATE: 1979/349 - 1980/163
LIVETIME: 4034.0s

NH: 1.4E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2242	1	10 10 55.9	-47 13 59	52	*0.0146	0.0032	28.2	9.8	4.6	0.9	907	22.3	H	S
2249	2	10 11 23.4	-47 33 21	36	0.0101	0.0023	29.9	17.1	4.4	0.8	0	2.8	H	Q
2253	3	10 13 59.1	-47 42 52	49	0.0457	0.0058	70.3	9.7	7.9	1.0	100	28.2	H	S



EG386: CORONAL EMISSION FROM HE-RICH WHITE DWARFS

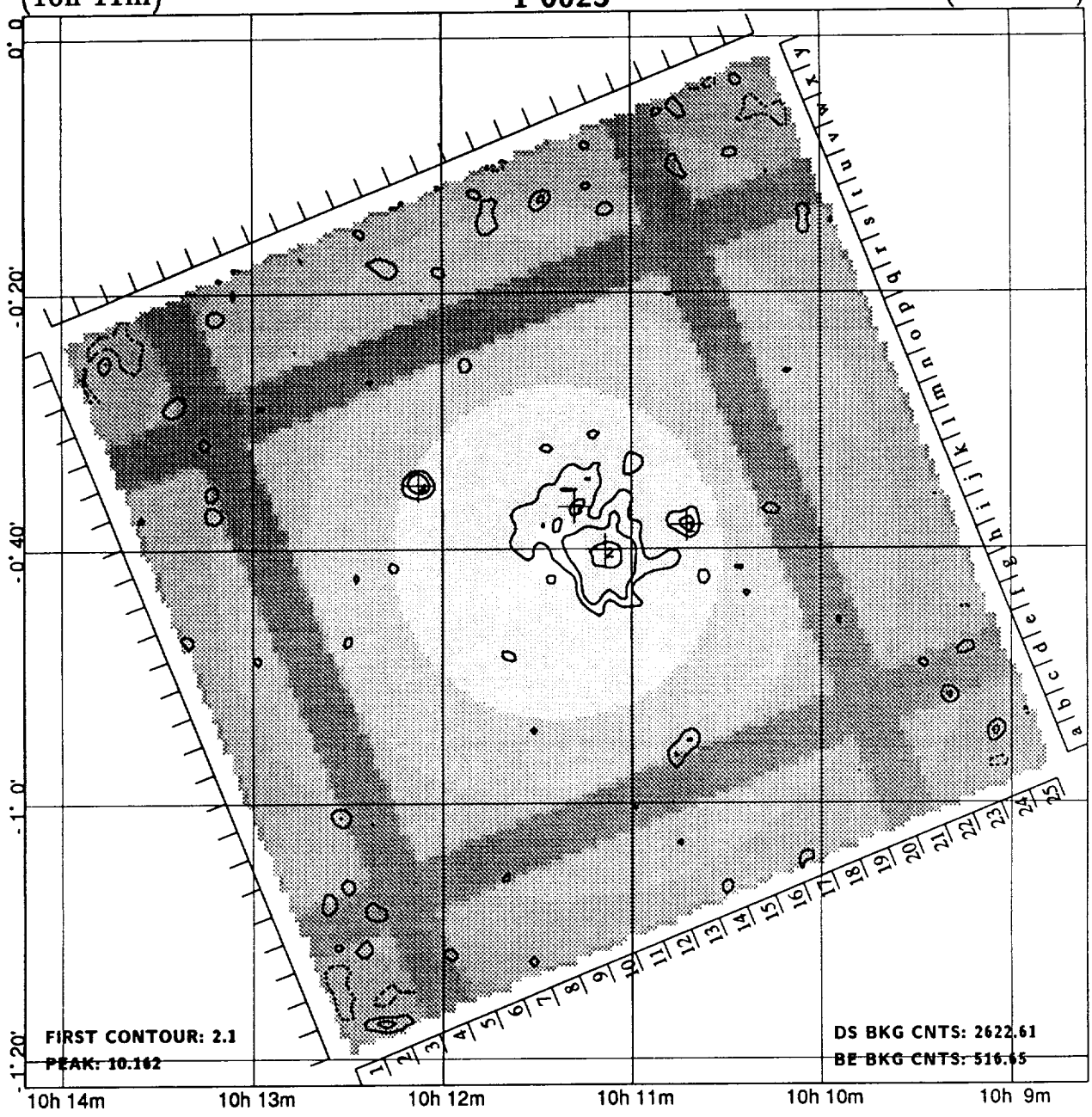
FIELD CENTER: $10^h11^m17.0^s$ $57°03'29''$ (B1950)
$10^h14^m36.9^s$ $56°48'35''$ (J2000)
ℓ: 155.04 b: 49.39

DATE: 1979/326 - 1979/326
LIVETIME: 3675.9s
ROLL ANGLE: -105.6°

NH: 8.1E+19
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2245	1	10 11 04.8	57 08 56	42	0.0099	0.0023	25.8	9.2	4.4	1.0	0	5.7	H	
2252	2	10 13 37.9	56 46 54	50	*0.0365	0.0051	57.2	5.8	7.2	1.1	1007	25.4	H	

(10h 11m) **I 6023** (10h 11m)



A957,RICH CLUSTERS WITH DOMINANT GALAXIES

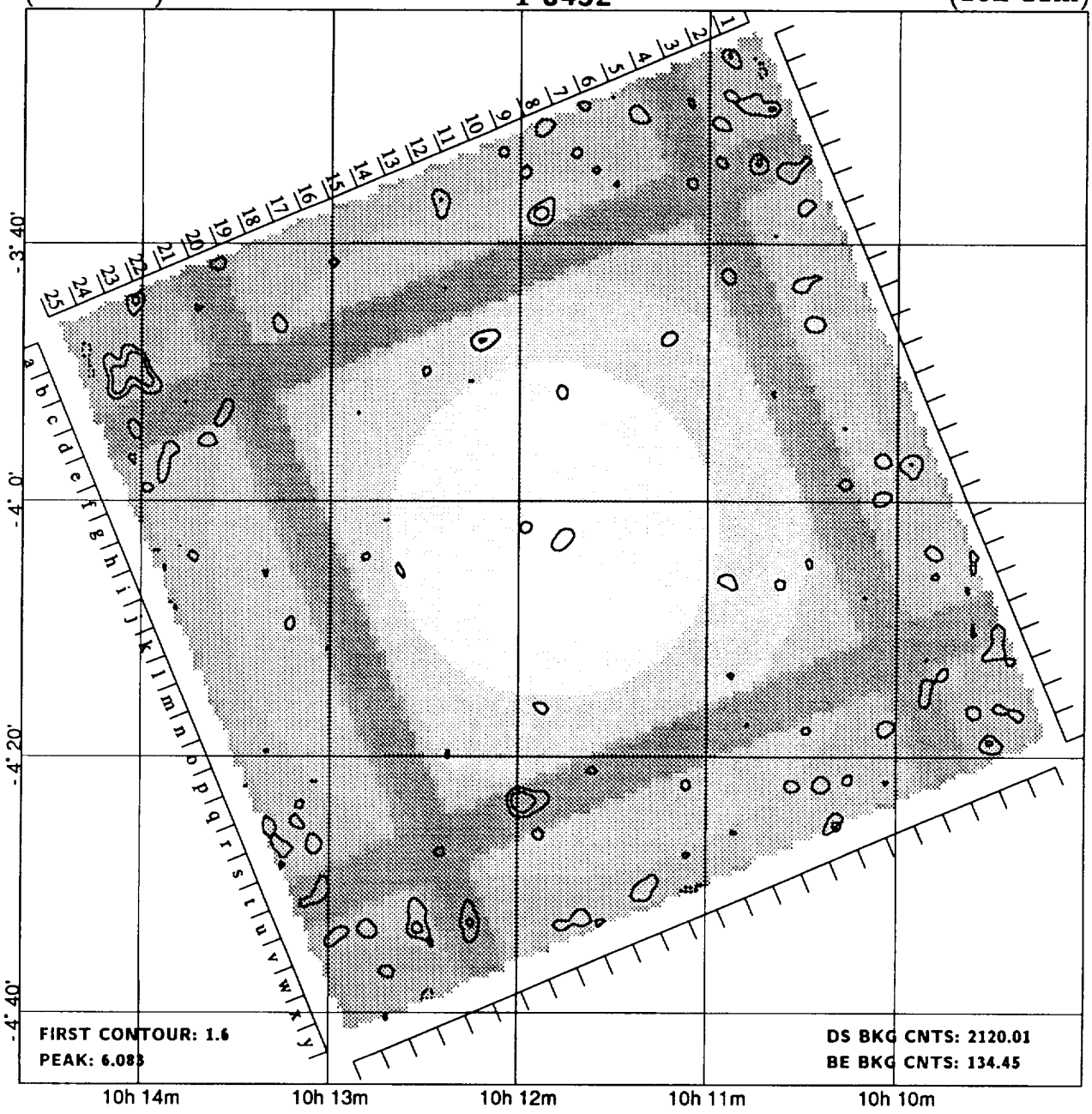
FIELD CENTER: $10^h11^m24.0^s$ $-00°39'59''$ (B1950)
$10^h13^m57.3^s$ $-00°54'54''$ (J2000)
ℓ: 242.96 b: 42.89

DATE: 1979/336 - 1979/336
LIVETIME: 2125.2s
ROLL ANGLE: -112.1°

NH: 3.6E+20
REF/ID:
FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2241	1	10 10 42.4	-00 38 08	47	0.0129	0.0036	18.1	6.9	3.6	0.7	0	10.5	H	
2246	2	10 11 08.4	-00 40 03	35	0.0296	0.0048	45.5	8.5	6.2	5.5	0	4.4	H	CLG
2248	3	10 11 18.2	-00 36 44	41	0.0124	0.0033	19.0	7.0	3.7	11.9	0	3.4		
2251	4	10 12 07.6	-00 35 03	42	0.0170	0.0041	23.0	7.0	4.2	0.7	0	12.1		

(10h 11m) **I 8432** (10h 11m)



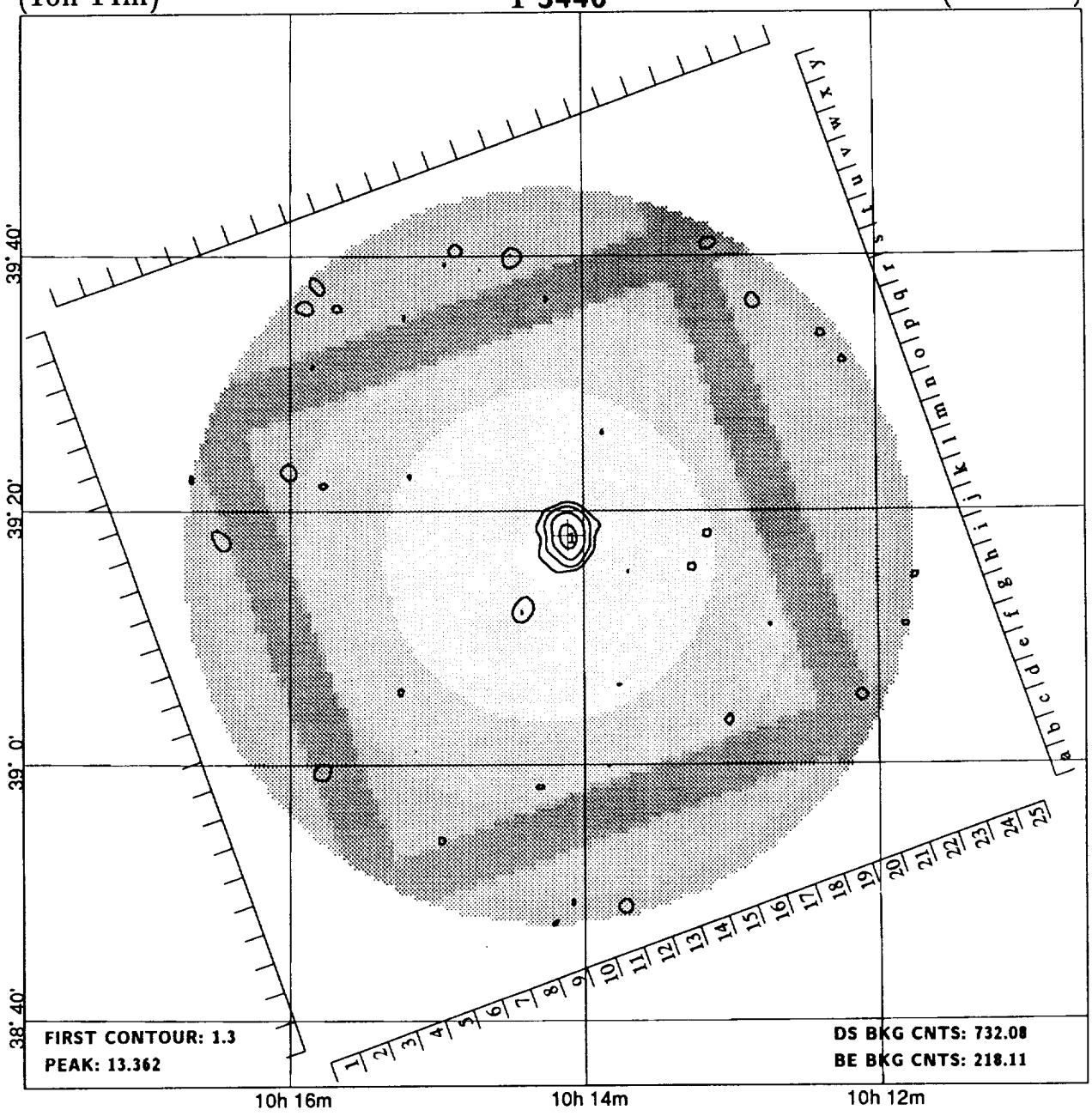
SURVEY OF BRIGHT (PG) QUASARS

FIELD CENTER: $10^h11^m49.2^s$ -04°03′42″ (B1950)
$10^h14^m20.7^s$ -04°18′38″ (J2000)
ℓ: 246.50 b: 40.75

DATE: 1980/153 - 1980/153
LIVETIME: 1717.9s
ROLL ANGLE: 67.2°

NH: 3.7E+20
REF/ID: !
FIELD FLAGS:

(10h 14m) **I 3446** (10h 14m)



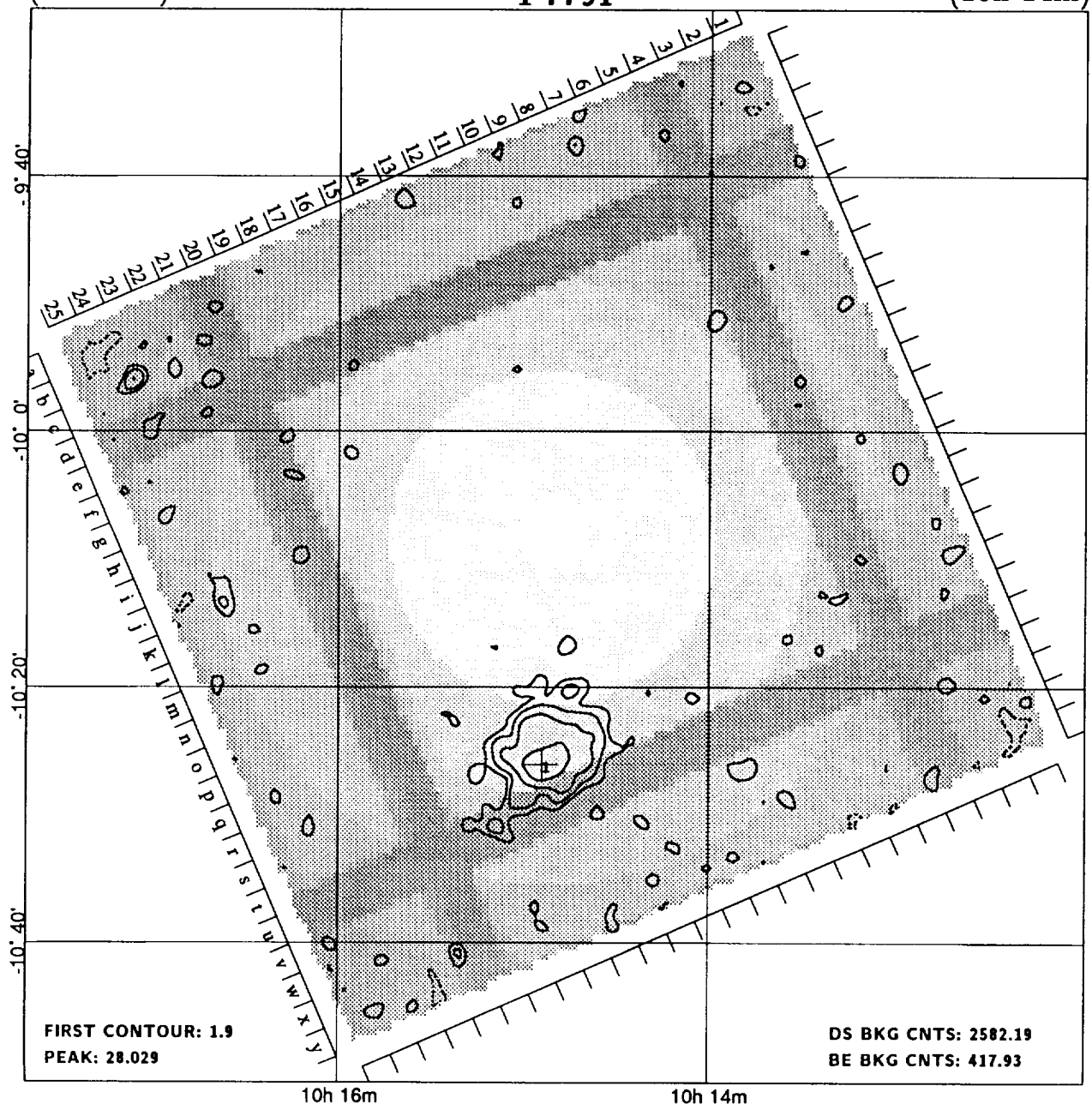
A 963,MAGNETIC FIELDS IN CLUSTERS OF GALAXIES

FIELD CENTER: $10^h14^m12.0^s$ $39°16'59''$ **(B1950)**
$10^h17^m09.6^s$ $39°01'59''$ **(J2000)**
ℓ: **182.58** b: **55.86**

DATE: 1979/326 - 1979/326
LIVETIME: 593.2s
ROLL ANGLE: -109.7°

NH: 1.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2254	1	10 14 06.5	39 18 03	35	0.146	0.019	63.5	2.5	7.8	1.7	0	2.4	H	CLG



A970,CLUSTERS OF GALAXIES SURVEY

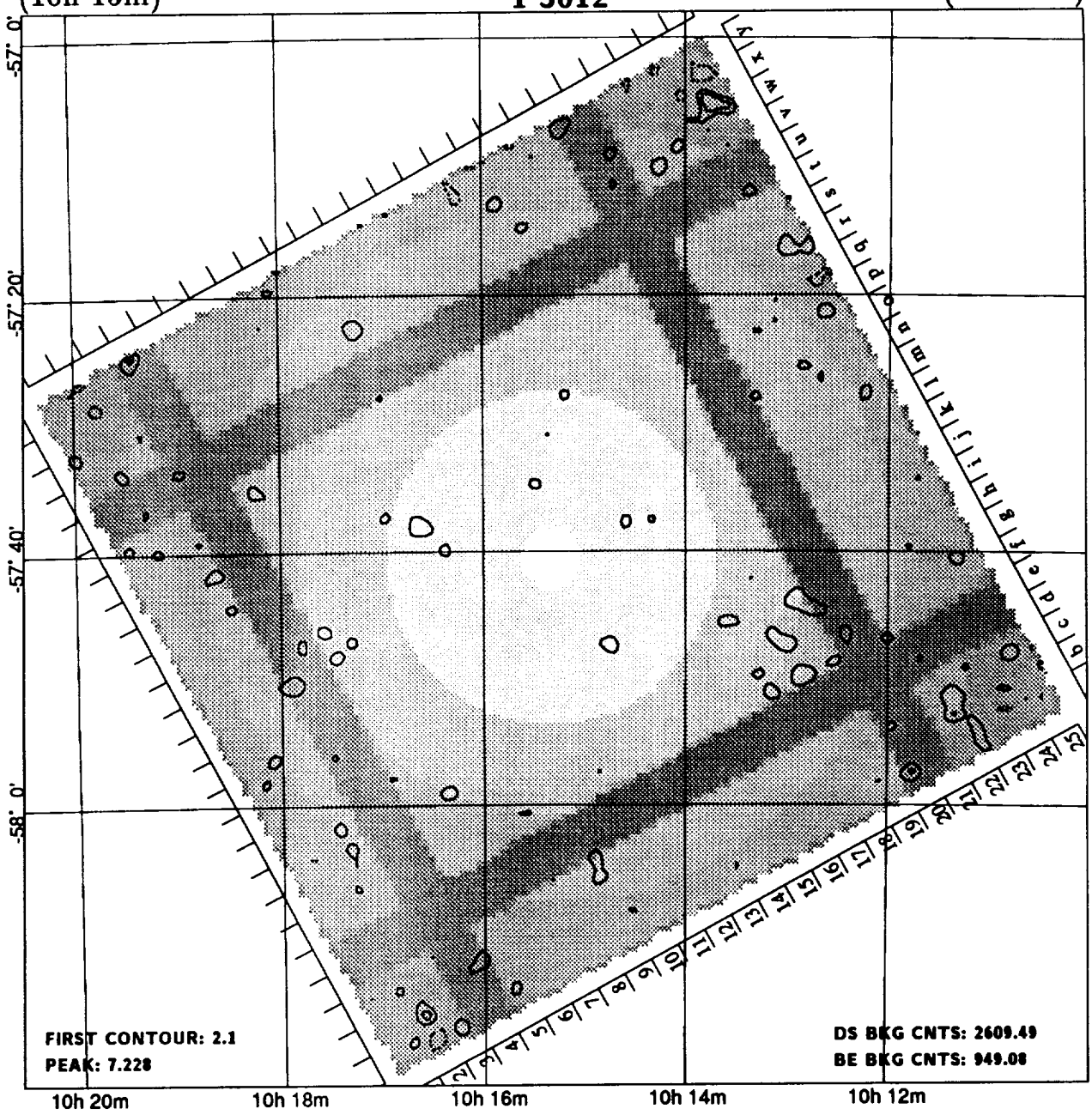
FIELD CENTER: $10^h14^m50.0^s$ $-10°08'59''$ (B1950)
$10^h17^m18.4^s$ $-10°24'00''$ (J2000)
ℓ: 252.79 b: 37.04

DATE: 1980/155 - 1980/155
LIVETIME: 2092.4s
ROLL ANGLE: 66.5°

NH: 5.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2255	1	10 14 54.0	-10 26 03	48	0.0771	0.0085	88.4	5.6	9.1	3.9	300	17.0	H	CLG

(10h 15m) **I 3012** (10h 15m)

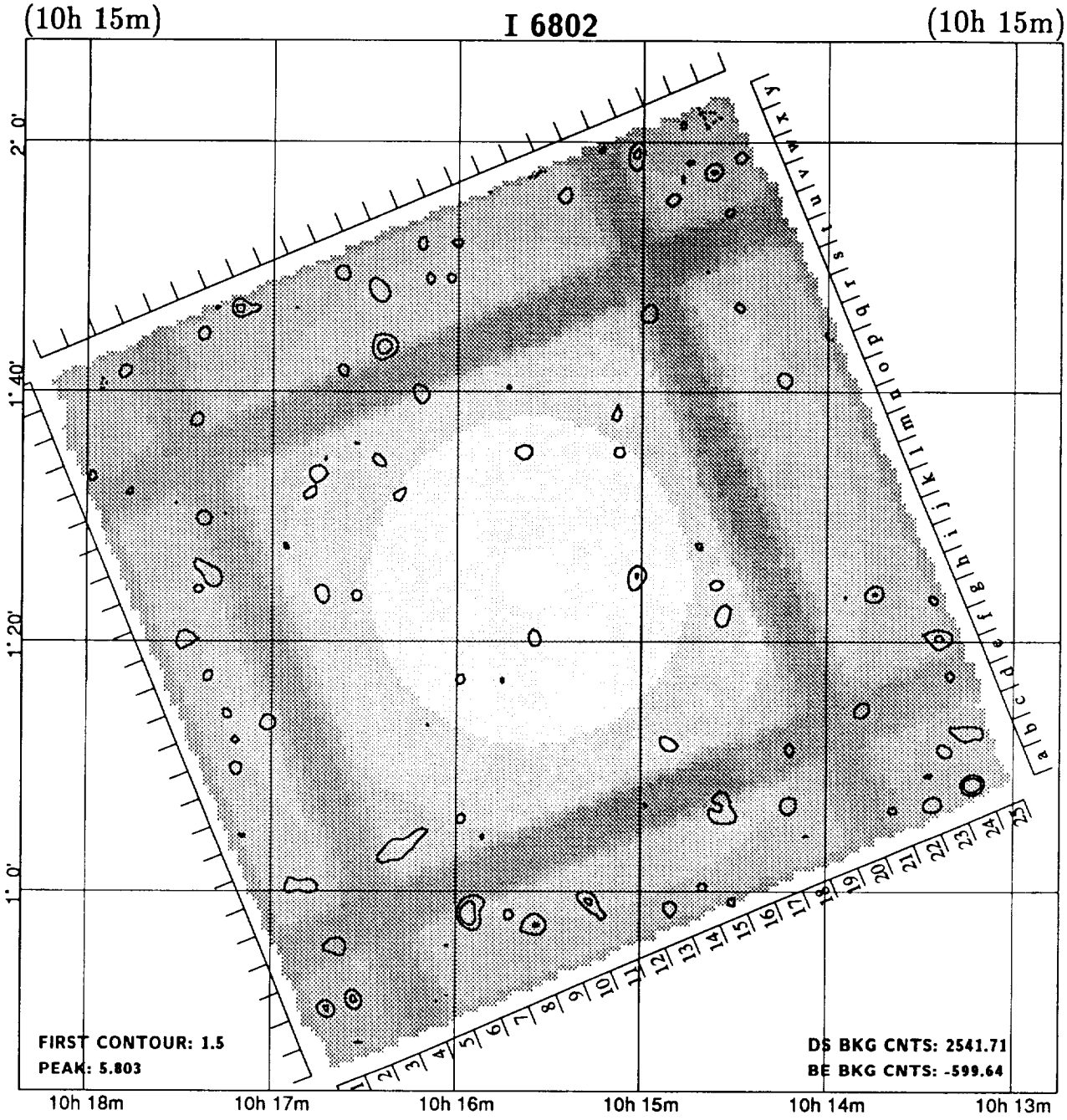


FILAMENTARY NEBULAE: HD89358/N3199

FIELD CENTER: $10^h15^m17.0^s$ $-57°39'59''$ **(B1950)**
$10^h17^m04.3^s$ $-57°55'01''$ **(J2000)**
ℓ: 283.58 b: -0.97

DATE: 1979/350 - 1979/350
LIVETIME: 2114.6s
ROLL ANGLE: -118.4°

NH: 1.5E+21
REF/ID: S
FIELD FLAGS:

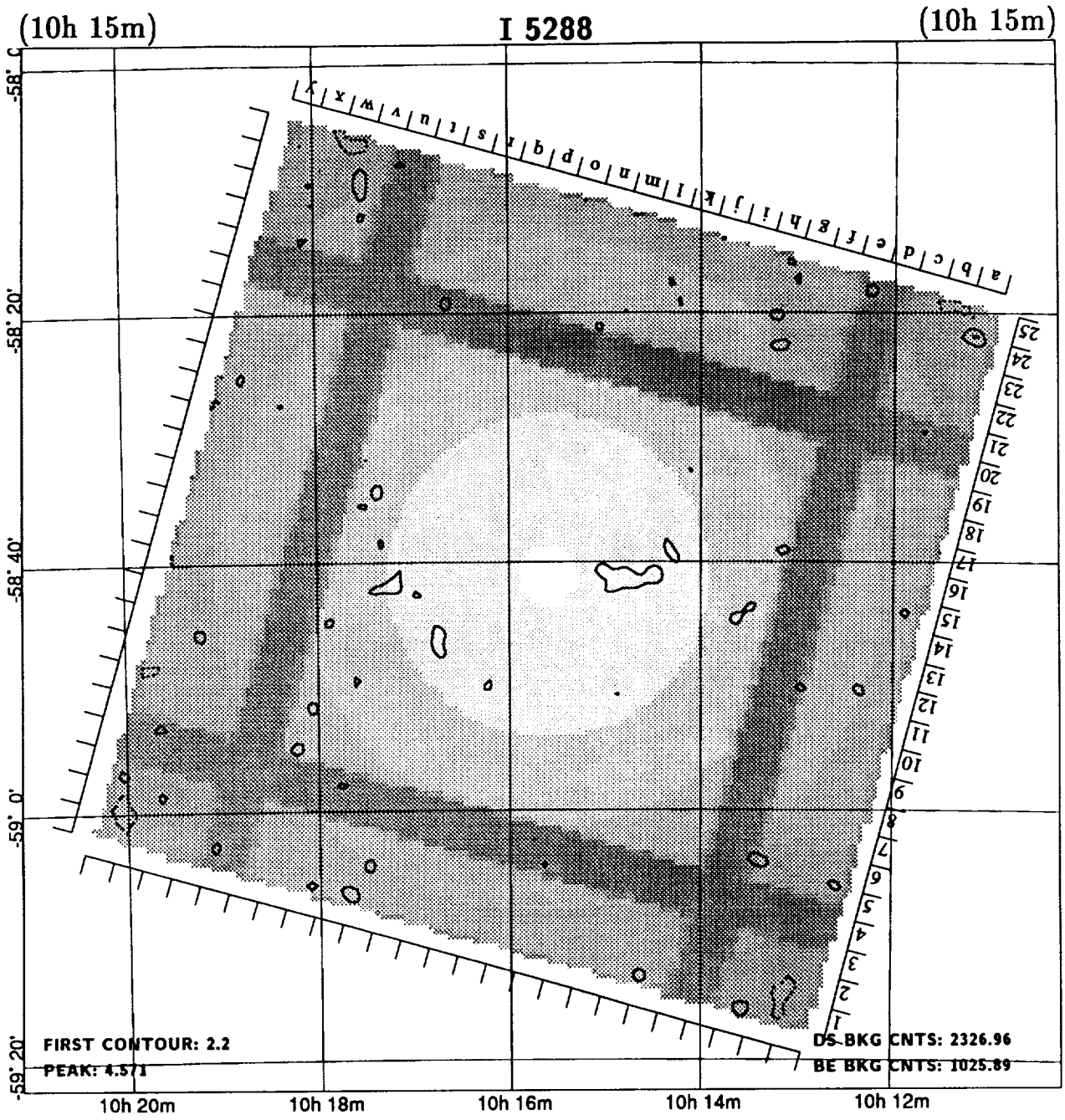


MAGNETIC WHITE DWARF SURVEY: PG 1015+01

FIELD CENTER: $10^h15^m33.0^s$ $01°25'59''$ (B1950)
$10^h18^m07.4^s$ $01°10'57''$ (J2000)
ℓ: 241.62 b: 45.03

DATE: 1979/341 - 1979/341
LIVETIME: 2059.6s
ROLL ANGLE: -112.6°

NH: 4.1E+20
REF/ID:
FIELD FLAGS:

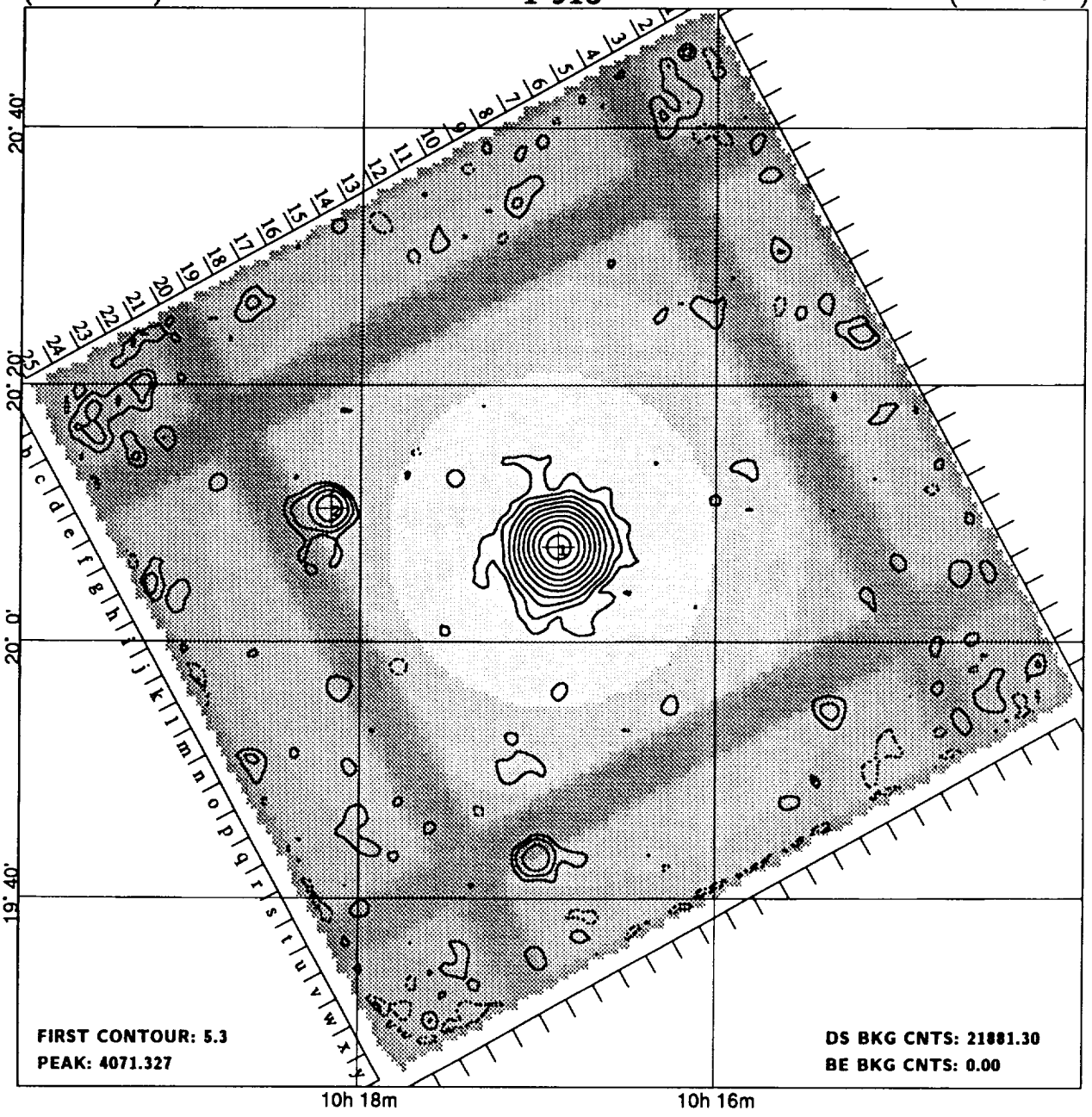


SNR MSH 10-33:SEARCH FOR X-RAYS FROM NON-THERMAL RADIO SOURCES

FIELD CENTER: $10^h15^m40.0^s$ $-58°40'29''$ (B1950)
$10^h17^m25.6^s$ $-58°55'31''$ (J2000)
ℓ: 284.18 b: -1.78

DATE: 1980/ 36 - 1980/ 36
LIVETIME: 1885.6s
ROLL ANGLE: -164.4°

NH: 1.5E+21
REF/ID:
FIELD FLAGS:



AD LEO (GLS388) STELLAR OBSERVATIONS, VARIABLE STARS

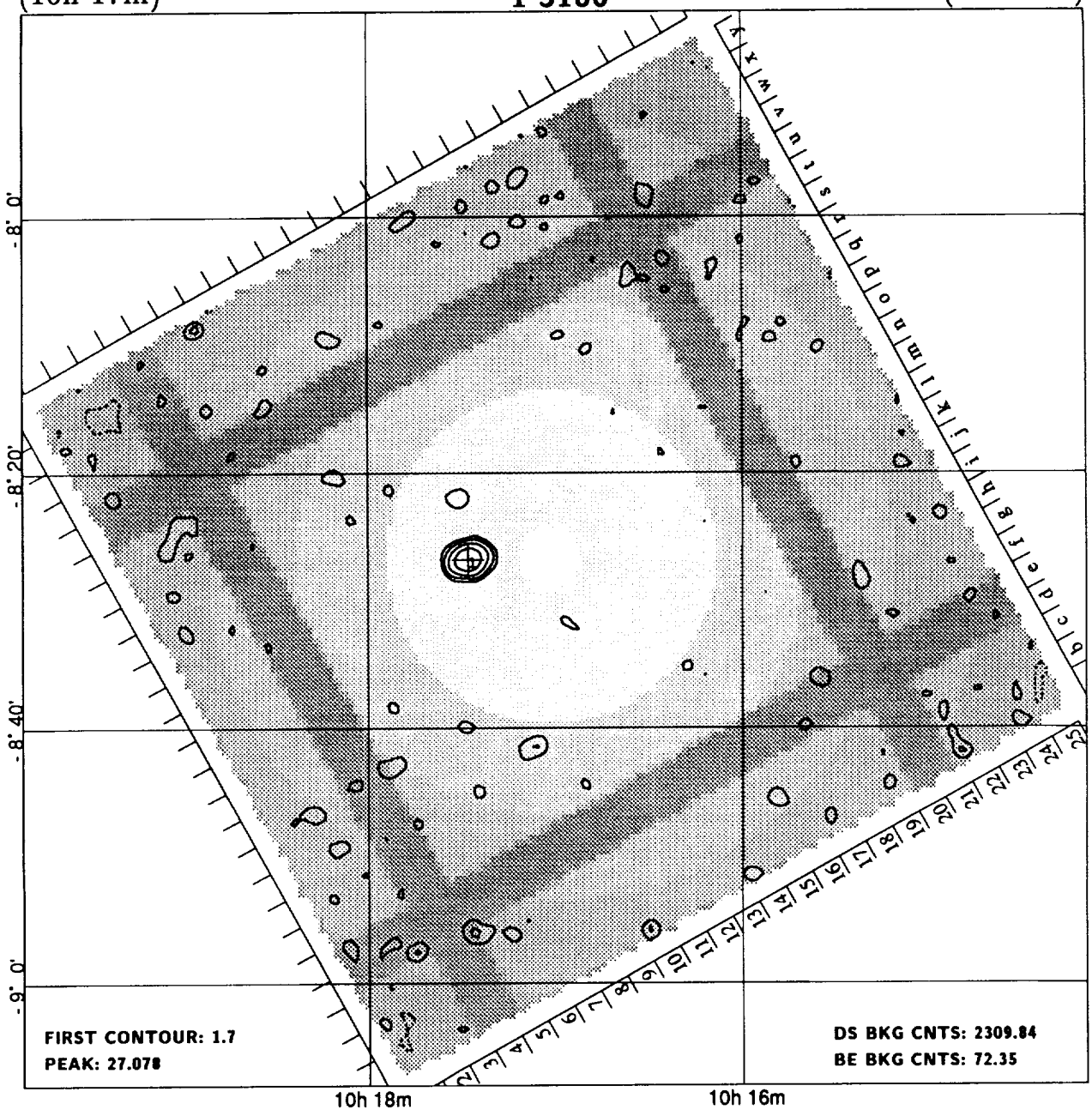
FIELD CENTER: $10^h16^m55.5^s$ $20°07'17''$ (B1950) | $10^h19^m39.7^s$ $19°52'12''$ (J2000) | ℓ: 216.46 b: 54.59

DATE: 1980/134 - 1980/136 | **LIVETIME:** 17731.1s | **ROLL ANGLE:** 61.2°

NH: 2.4E+20 | **REF/ID:** | **FIELD FLAGS:** L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2259	1L	10 16 53.0	20 07 23	31	1.172	0.012	15494.6	3428.4	97.7	1.5	0	0.7		S
2262	2L	10 18 10.0	20 10 21	47	0.0230	0.0020	223.7	57.3	11.3	1.2	200	17.8	A	AGN

(10h 17m) **I 3186** (10h 17m)



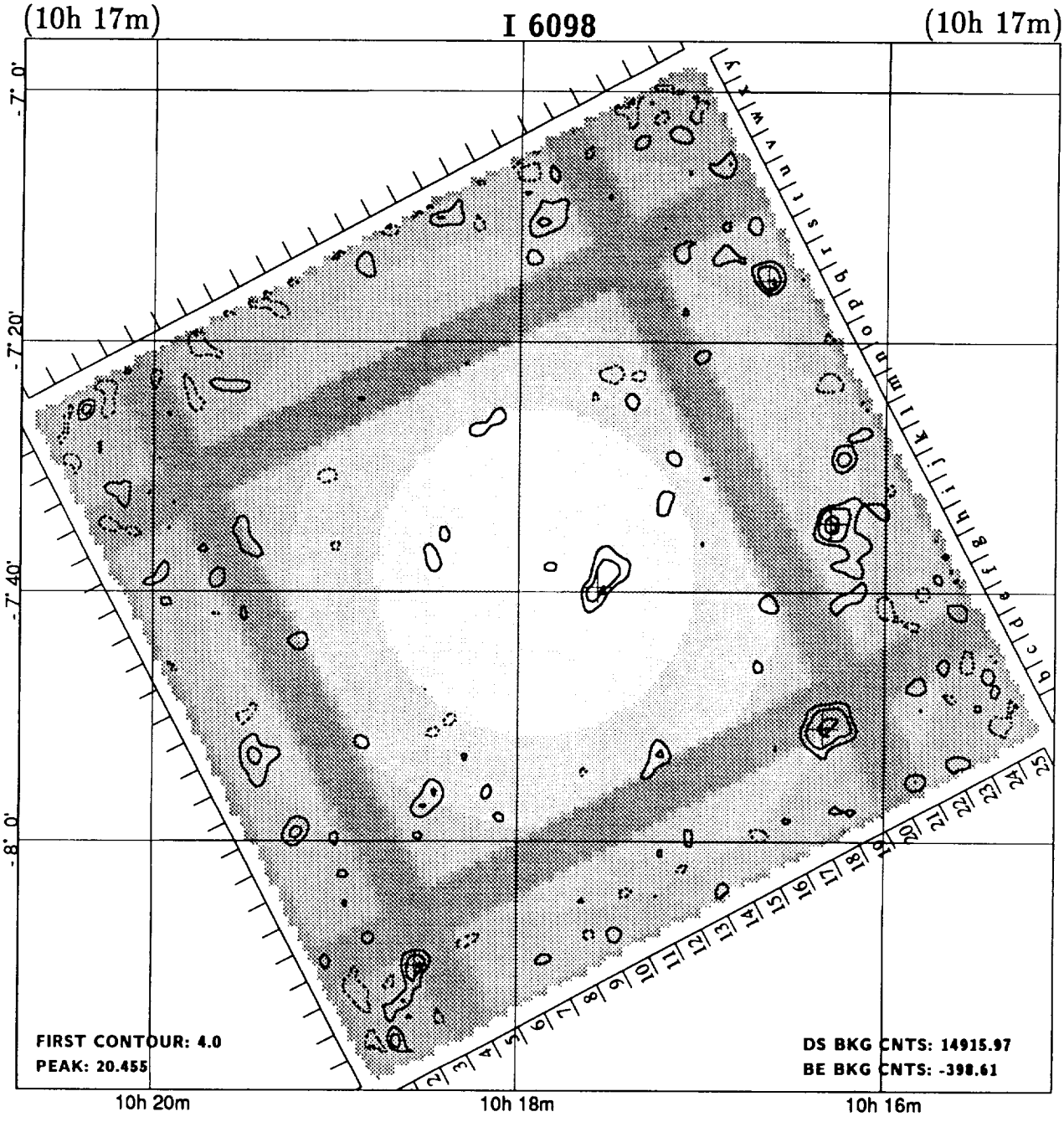
OLD NOVAE: BD-7

FIELD CENTER: $10^h17^m00.0^s$ $-08°25'59''$ (B1950)
$10^h19^m29.4^s$ $-08°41'04''$ (J2000)
ℓ: 251.76 b: 38.65

DATE: 1979/336 - 1979/336
LIVETIME: 1871.7s
ROLL ANGLE: -119.0°

NH: 4.7E+20
REF/ID: CV
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2260	1	10 17 27.9	-08 26 44	38	0.0726	0.0077	95.1	5.9	9.5	1.0	0	7.1	H	CV



A 979,DETAILED STUDY OF NEARBY CLUSTERS

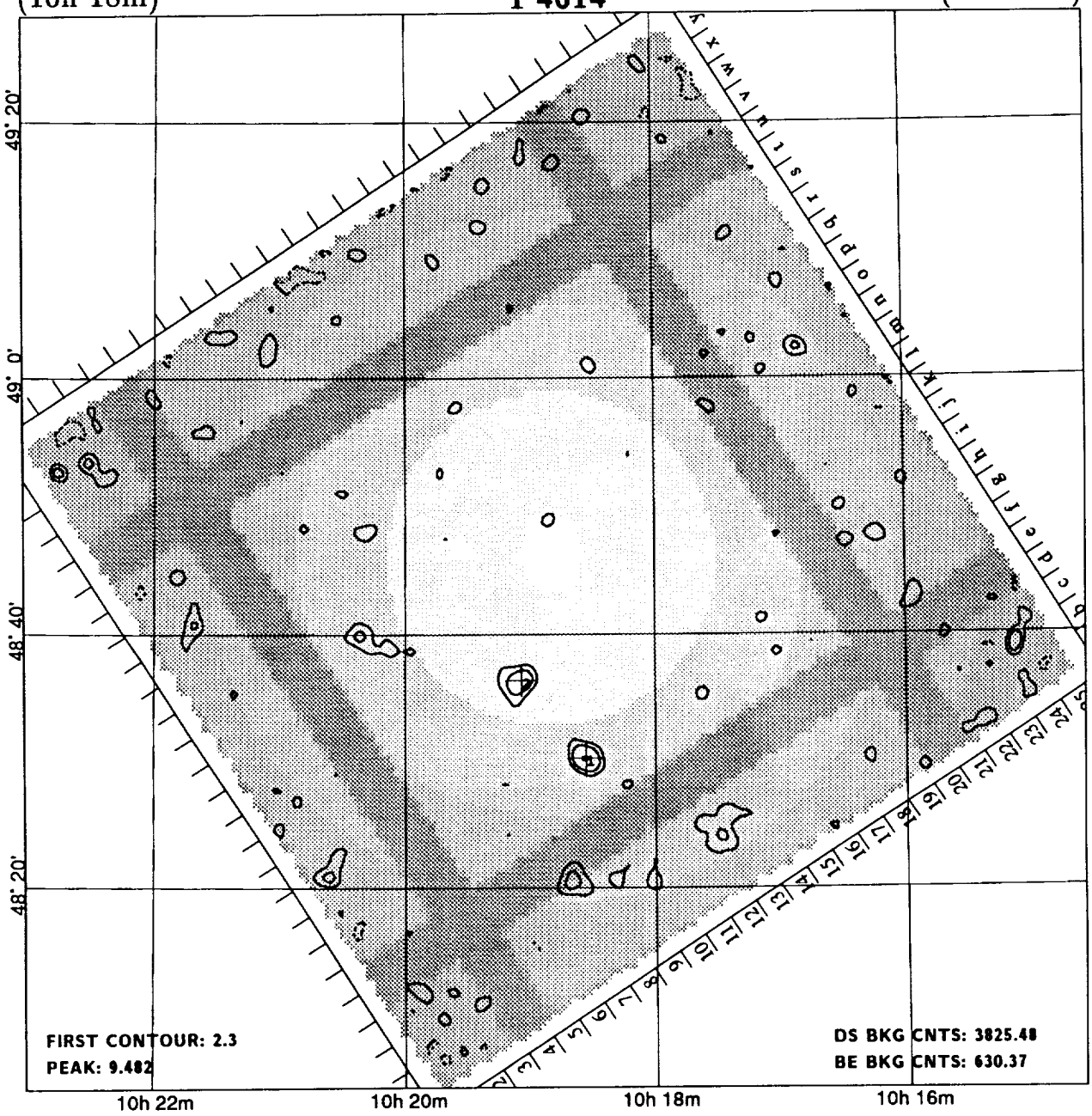
FIELD CENTER: $10^h17^m54.0^s$ $-07°37'59''$ (B1950) | $10^h20^m23.8^s$ $-07°53'06''$ (J2000) | ℓ: 251.24 b: 39.38

DATE: 1980/354 - 1980/355 | **LIVETIME:** 12086.9s | **ROLL ANGLE:** -117.9°

NH: 4.6E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2256	1	10 16 17.8	-07 34 30	51	0.0107	0.0017	57.1	24.9	6.3	1.5	0	23.9	H	
2257	2	10 16 20.1	-07 50 56	51	*0.0096	0.0017	47.5	19.5	5.8	1.4	1107	26.4	H	
2258	3	10 16 38.6	-07 15 03	56	0.0064	0.0017	27.1	22.9	3.8	0.8	100	29.6		
2261	4	10 17 33.9	-07 39 37	42	0.0056	0.0011	48.2	34.8	5.3	1.3	0	5.5	H	
2265	5	10 18 33.5	-08 09 54	99	*0.0060	0.0016	22.1	14.9	3.6	1.1	1308	33.0		

(10h 18m) **I 4614** (10h 18m)



POOR ZWICKY CLUSTER: 1017+487

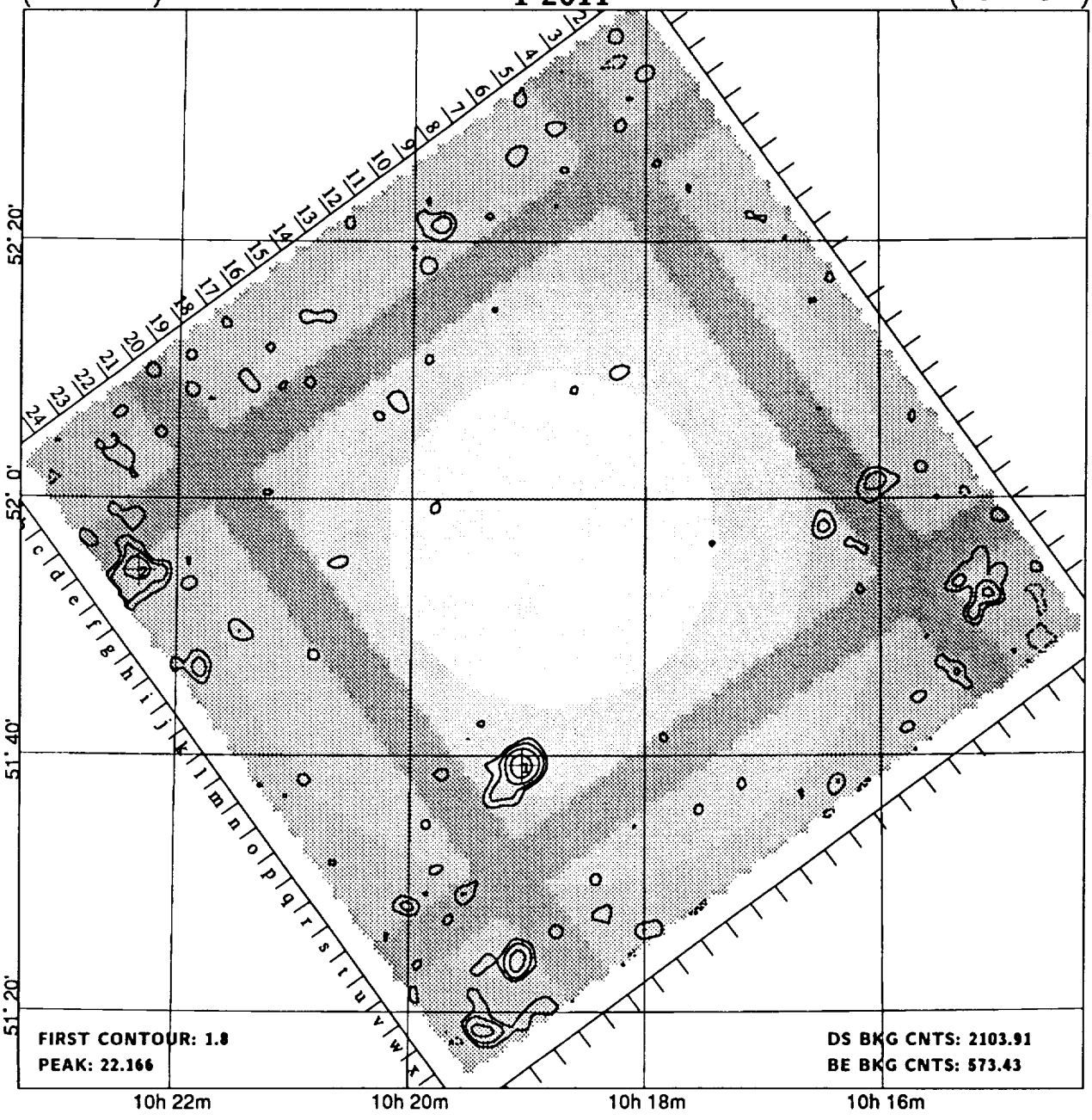
FIELD CENTER: $10^h18^m48.0^s$ $48°46'29''$ (B1950)
$10^h21^m53.7^s$ $48°31'21''$ (J2000)
ℓ: 166.23 b: 54.10

DATE: 1979/302 - 1979/302
LIVETIME: 3099.9s
ROLL ANGLE: -123.0°

NH: 1.2E+20
REF/ID: G
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2264	1	10 18 33.3	48 30 14	51	0.0167	0.0035	29.9	9.1	4.8	0.8	0	16.3	H	
2267	2	10 19 04.3	48 36 18	42	0.0131	0.0030	27.0	12.0	4.3	0.8	0	10.4	H	

(10h 18m) **I 2611** (10h 18m)



SEYFERT GALAXY SURVEY: MKN 142

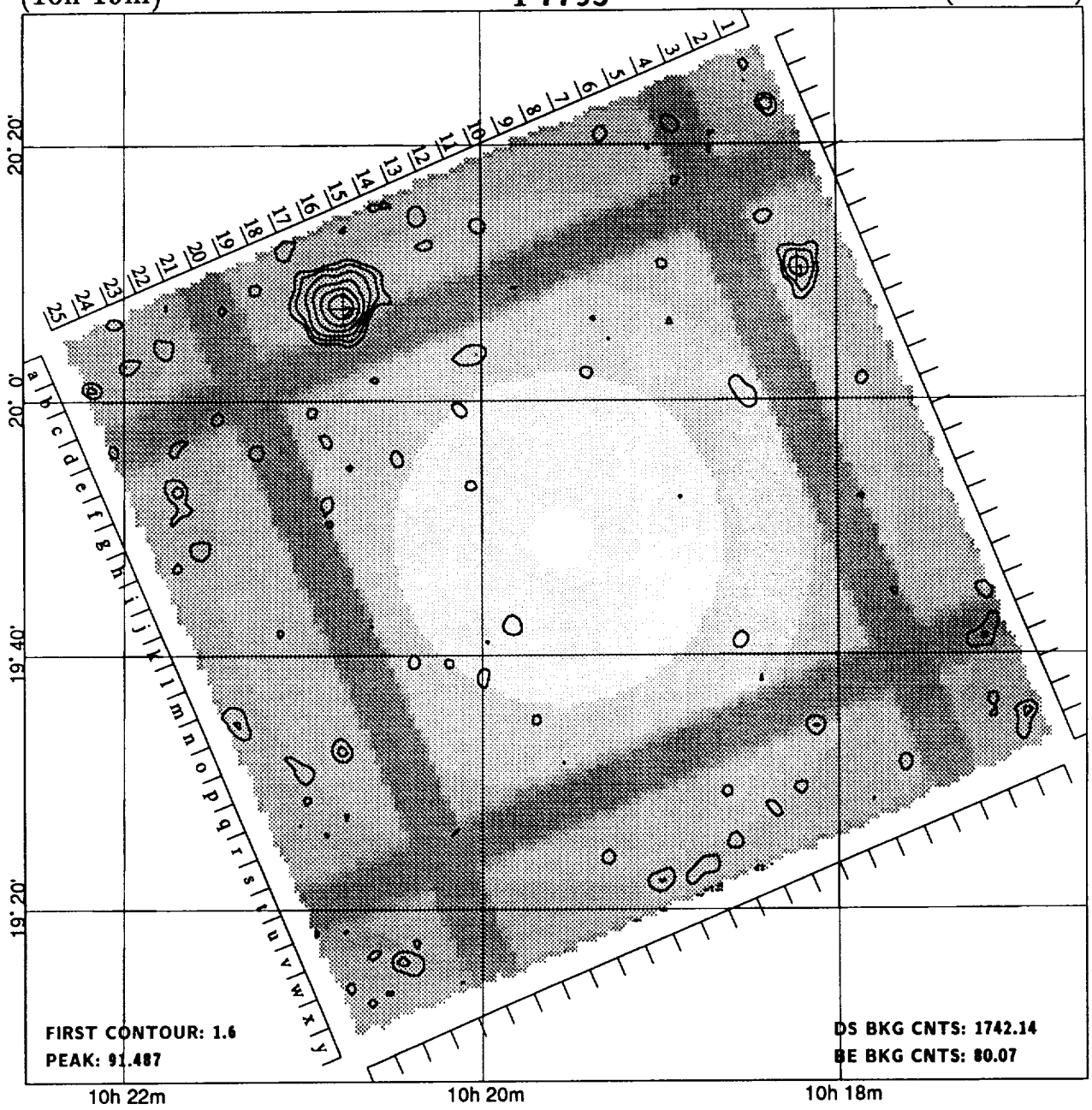
FIELD CENTER: $10^h18^m48.0^s$ $51°55'59''$ (B1950)
$10^h21^m57.5^s$ $51°40'50''$ (J2000)
ℓ: 161.41 b: 52.78

DATE: 1980/111 - 1980/111
LIVETIME: 1766.1s
ROLL ANGLE: 53.7°

NH: 9.5E+19
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2266	1	10 19 02.9	51 39 16	48	0.0704	0.0088	68.2	4.8	8.0	1.2	0	16.6	H	
2283	2	10 22 19.6	51 54 23	53	*0.0350	0.0087	18.8	3.2	4.0	1.4	703	32.7	H	

(10h 19m) **I 7793** (10h 19m)



A992/A991,CLUSTERS OF GALAXIES SURVEY

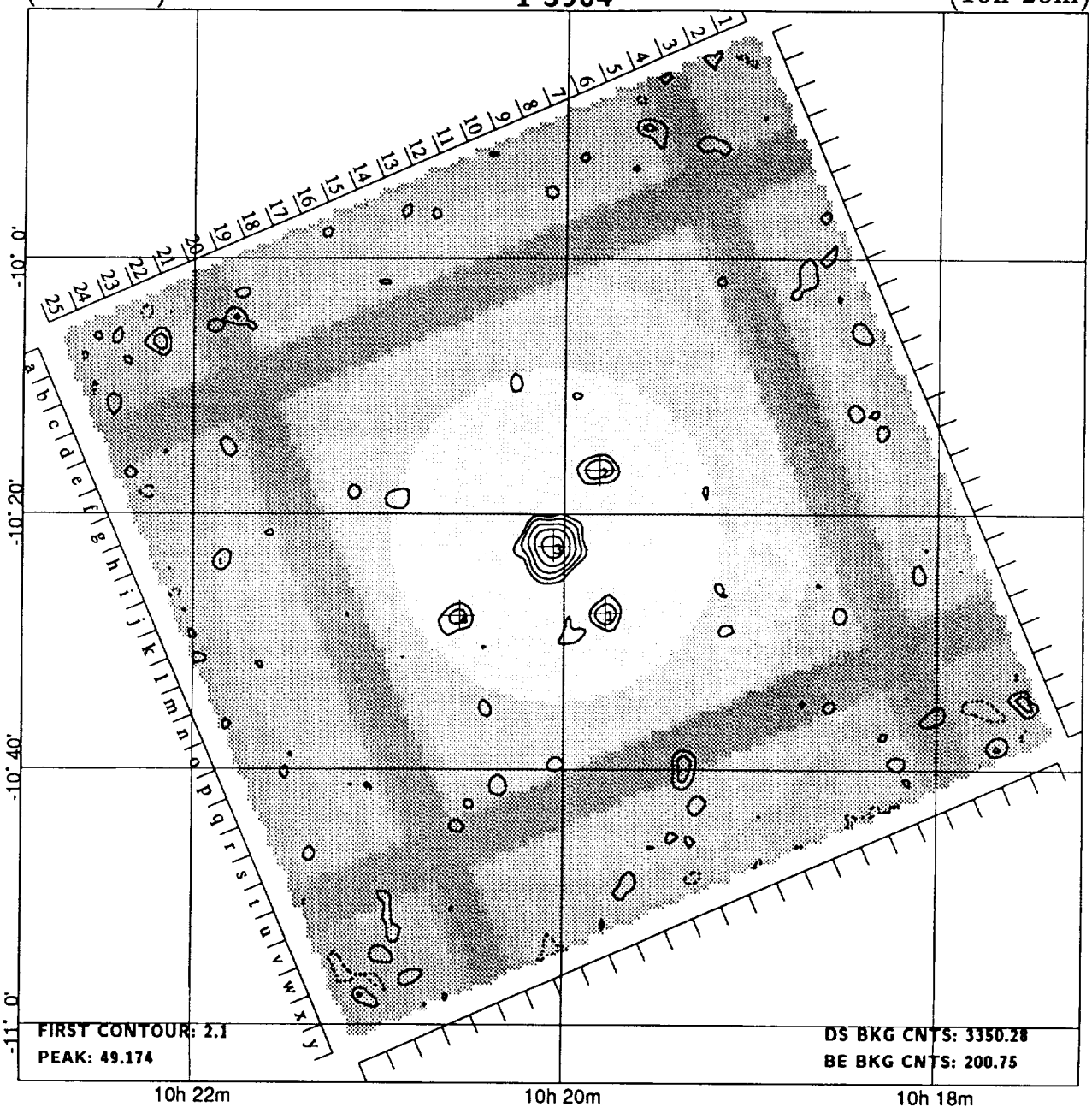
FIELD CENTER: $10^h19^m35.0^s$ 19°48'35" (B1950) | $10^h22^m18.7^s$ 19°33'25" (J2000) | ℓ: 217.34 b: 55.08

DATE: 1980/131 - 1980/131 | **LIVETIME:** 1462.4s | **ROLL ANGLE:** 67.1°

NH: 2.4E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2262	1	10 18 13.3	20 10 19	54	0.0350	0.0086	19.2	2.8	4.1	1.0	100	28.9	AH	AGN
2275	2	10 20 46.5	20 07 16	47	*0.335	0.023	211.0	3.0	14.4	1.4	501	25.3	AH	

(10h 20m) **I 3964** (10h 20m)



1020-103, BRIGHT NEARBY QUASAR

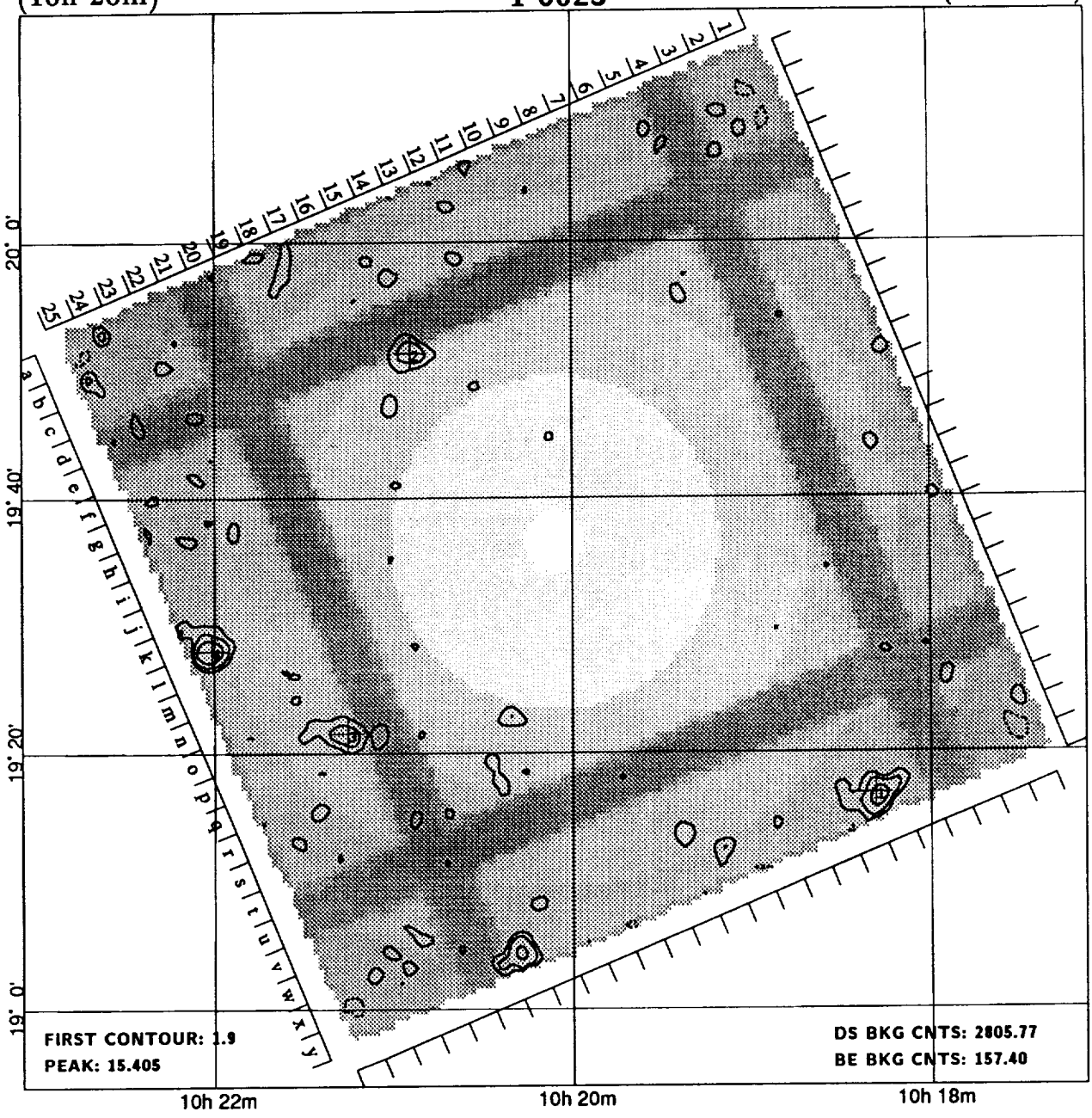
FIELD CENTER: $10^h20^m04.1^s$ $-10°22'31''$ (B1950)
$10^h22^m32.7^s$ $-10°37'42''$ (J2000)
ℓ: 254.16 b: 37.76

DATE: 1980/155 - 1980/155
LIVETIME: 2714.8s
ROLL ANGLE: 66.7°

NH: 4.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2268	1	10 19 46.6	-10 27 43	42	0.0104	0.0028	19.5	8.5	3.7	0.7	0	6.4	H	
2269	2	10 19 48.7	-10 16 30	42	0.0147	0.0032	28.1	8.9	4.6	0.8	0	7.4	H	
2271	3	10 20 03.5	-10 22 31	31	0.1099	0.0075	222.1	8.9	14.6	1.2	0	0.2	H	
2273	4	10 20 33.8	-10 27 56	43	0.0111	0.0029	20.2	7.8	3.8	0.8	0	9.1	H	

(10h 20m) **I 6025** (10h 20m)



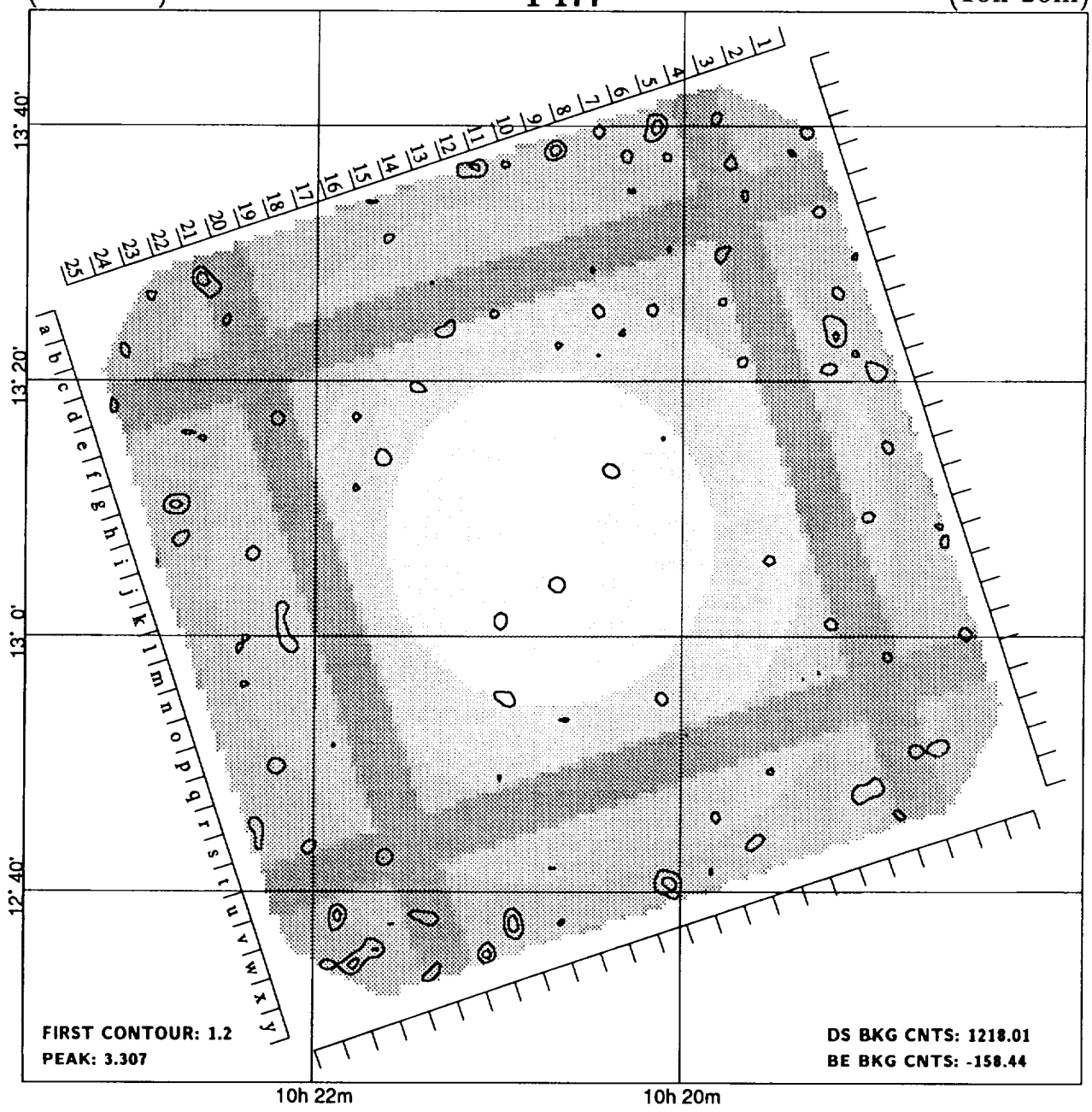
A994,RICH CLUSTERS WITH DOMINANT GALAXIES

FIELD CENTER: $10^h20^m06.0^s$ $19°35'59''$ (B1950)
$10^h22^m49.6^s$ $19°20'48''$ (J2000)
ℓ: 217.75 b: 55.12

DATE: 1980/134 - 1980/134
LIVETIME: 2273.6s
ROLL ANGLE: 67.5°

NH: 2.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2263	1	10 18 18.4	19 16 47	55	0.0224	0.0064	16.1	4.9	3.5	1.4	0	31.4	H	
2277	2	10 20 54.4	19 51 18	55	*0.0158	0.0040	19.2	3.8	4.0	0.9	703	18.7	H	
2278	3	10 21 15.5	19 21 34	55	*0.0166	0.0044	17.9	4.1	3.8	1.1	602	21.9	H	
2280	4	10 22 00.9	19 28 07	51	0.0335	0.0068	28.2	4.8	4.9	1.0	500	28.4	H	

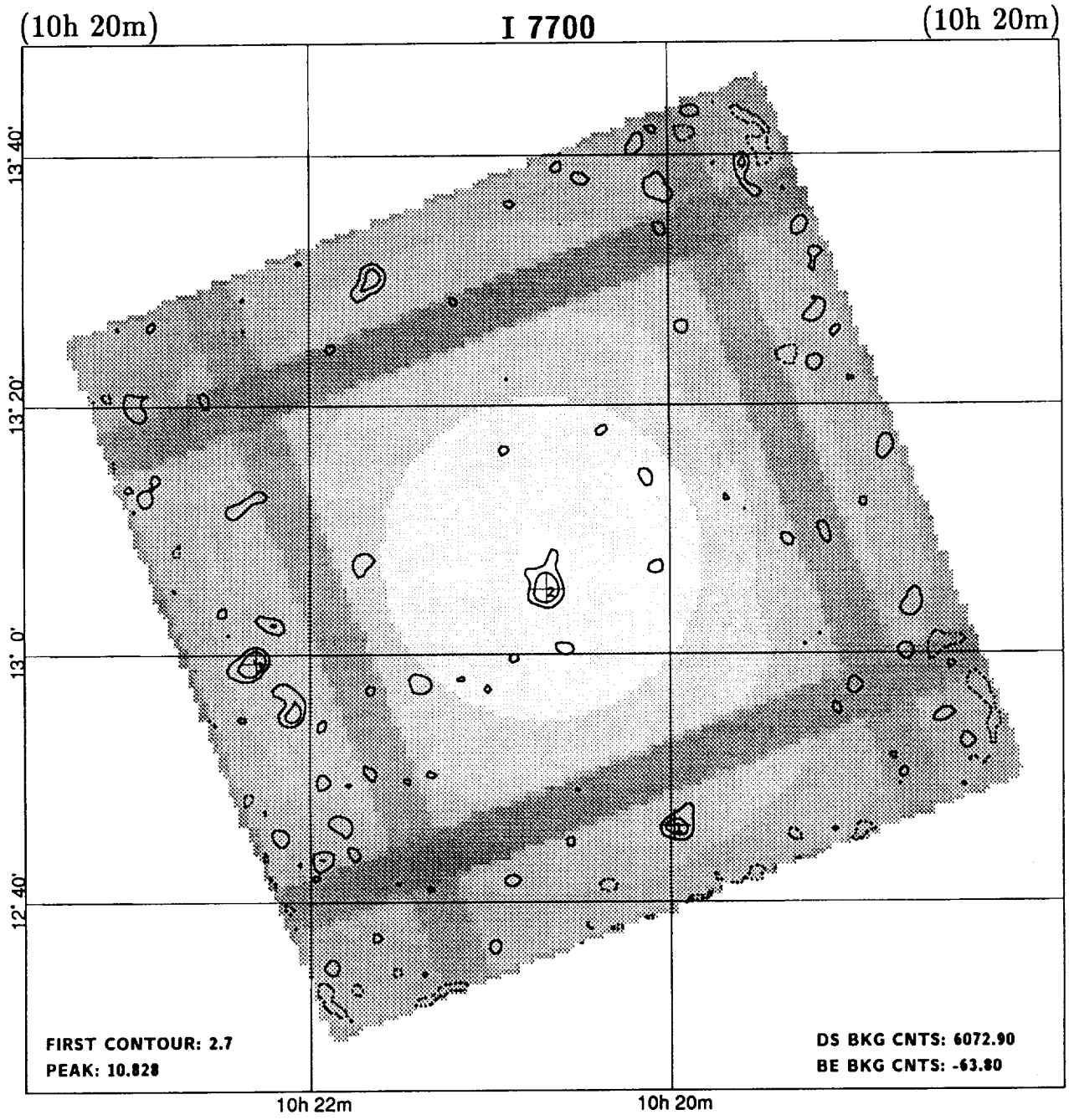


A999 CLUSTER SURFACE BRIGHTNESS

FIELD CENTER: $10^h20^m42.0^s$ 13°06′57″ (B1950)
$10^h23^m22.1^s$ 12°51′45″ (J2000)
ℓ: 227.89 b: 52.59

DATE: 1979/140 - 1979/140
LIVETIME: 987.0s
ROLL ANGLE: 71.6°

NH: 3.9E+20
REF/ID:
FIELD FLAGS:



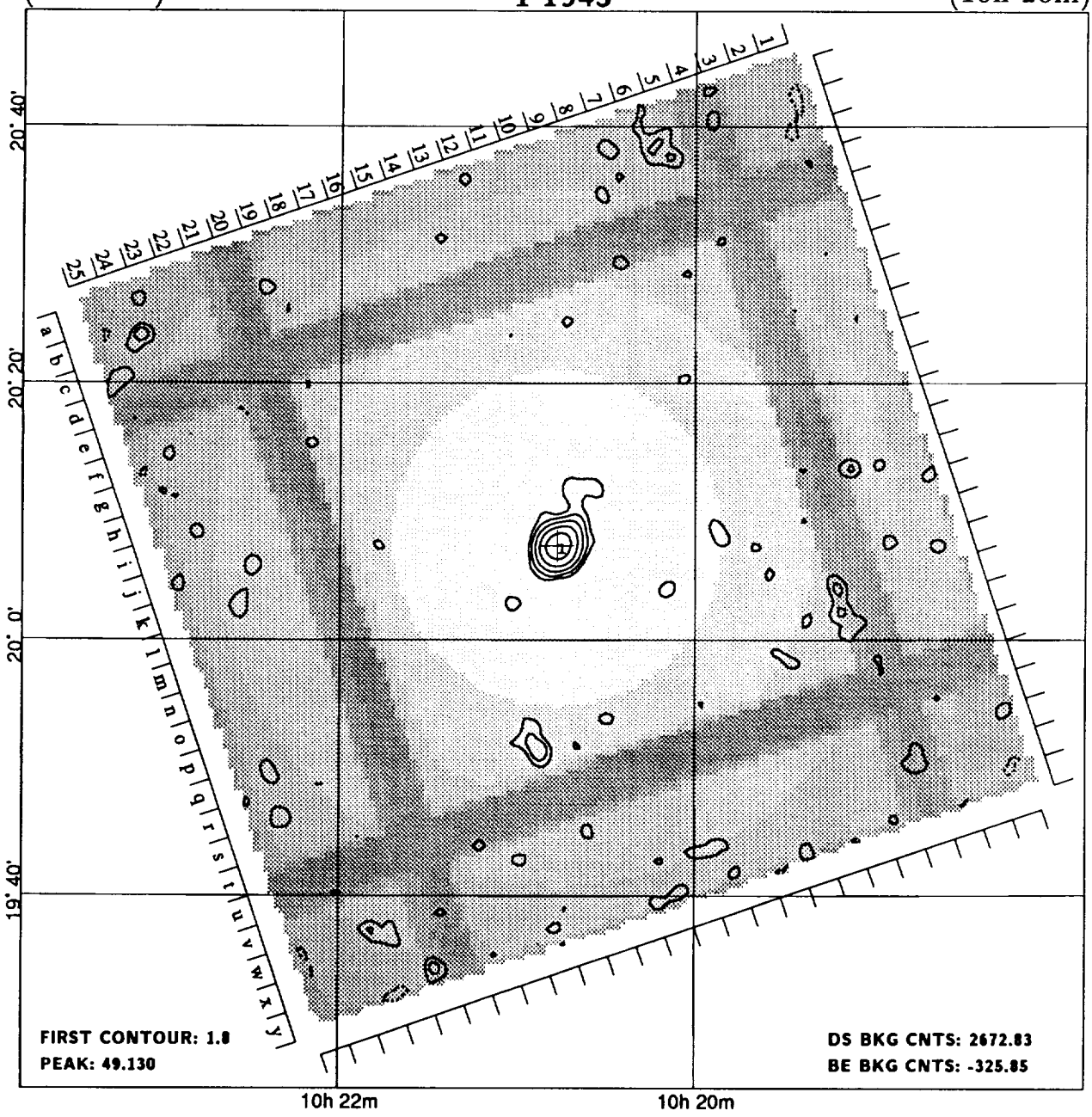
ABELL 999,CLUSTERS OF GALAXIES

FIELD CENTER: $10^h20^m42.0^s$ $13°06'59''$ (B1950) $10^h23^m22.1^s$ $12°51'47''$ (J2000) ℓ: 227.89 b: 52.59

DATE: 1980/153 - 1980/153
LIVETIME: 4921.0s

NH: 3.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2270	1	10 19 58.9	12 46 12	56	0.0086	0.0024	19.0	9.0	3.6	0.9	0	23.2	H	
2274	2	10 20 41.2	13 05 14	35	0.0111	0.0021	40.2	14.8	5.4	1.0	0	1.7	H	
2282	3	10 22 17.9	12 59 18	52	0.0114	0.0028	24.5	10.5	4.1	0.9	0	24.8	H	



NGC 3227: SEYFERT AND N-TYPE GALAXIES

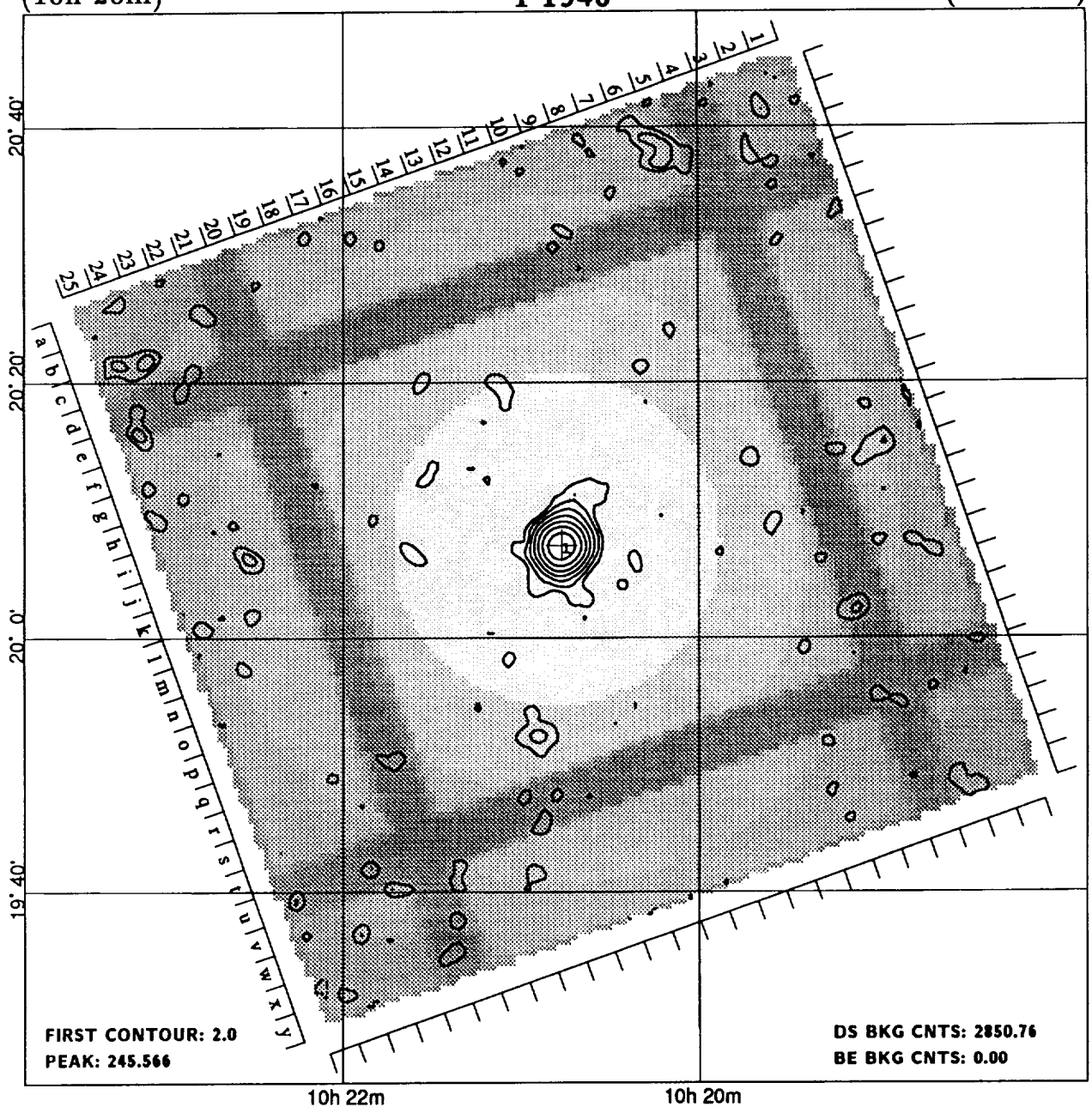
FIELD CENTER: $10^h20^m48.0^s$ $20°06'59''$ (B1950) | $10^h23^m31.8^s$ $19°51'47''$ (J2000) | ℓ: 217.00 b: 55.45

DATE: 1979/140 - 1979/140 | **LIVETIME:** 2165.9s | **ROLL ANGLE:** 71.4°

NH: 2.2E+20 | **REF/ID:** | **FIELD FLAGS:** C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2275	1	10 20 46.5	20 07 19	31	0.1323	0.0092	213.7	5.3	14.4	1.3	0	0.6	AH	

(10h 20m) **I 1946** (10h 20m)



NGC 3227: SEYFERT AND N-TYPE GALAXIES

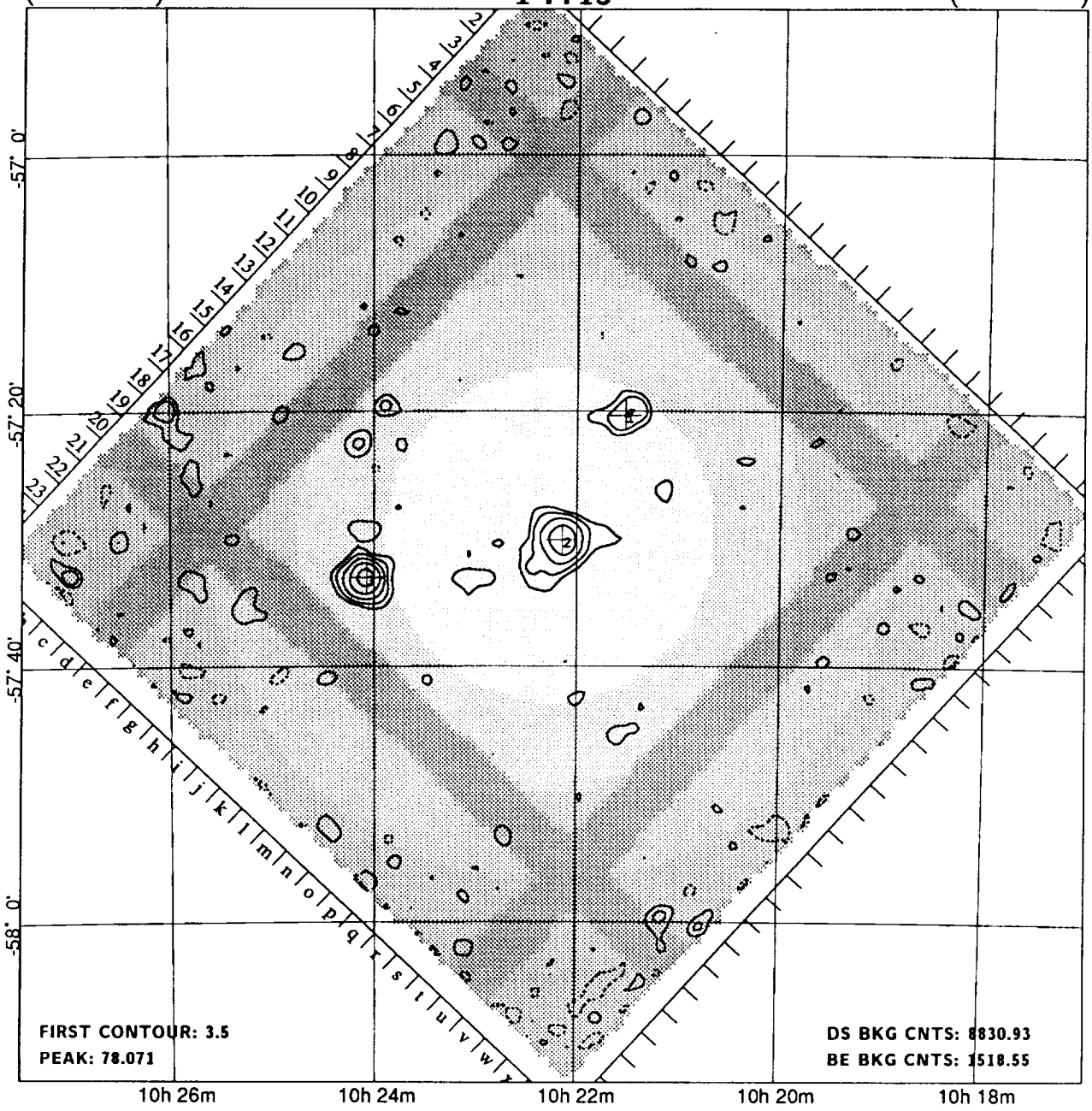
FIELD CENTER: $10^h20^m48.0^s$ 20°06'59" (B1950)
$10^h23^m31.8^s$ 19°51'47" (J2000)
ℓ: 217.00 b: 55.45

DATE: 1980/135 - 1980/154
LIVETIME: 2310.0s
ROLL ANGLE: 70.6°

NH: 2.2E+20
REF/ID:
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2275	1L	10 20 46.3	20 07 15	31	0.568	0.021	978.1	91.9	26.4	1.3	0	0.5	A	

(10h 22m) **I 7715** (10h 22m)



FOLLOW-UP OF CG284-1 REGION

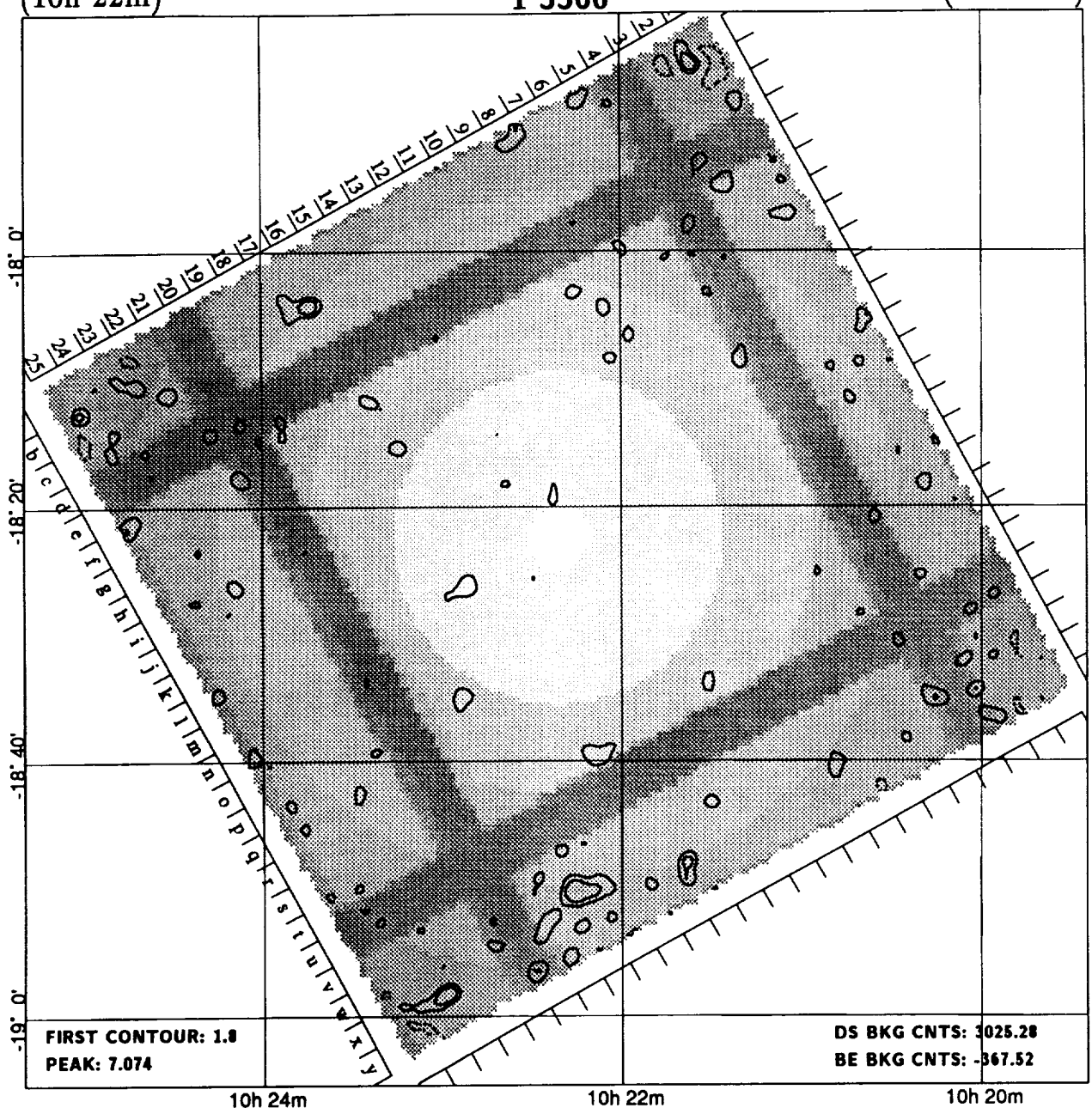
FIELD CENTER: $10^h22^m14.4^s$ $-57°30'35''$ (B1950)
$10^h24^m04.9^s$ $-57°45'49''$ (J2000)
ℓ: 284.28 b: -0.33

DATE: 1980/190 - 1980/190
LIVETIME: 7156.0s
ROLL ANGLE: 42.8°

NH: 1.5E+21
REF/ID:
FIELD FLAGS:

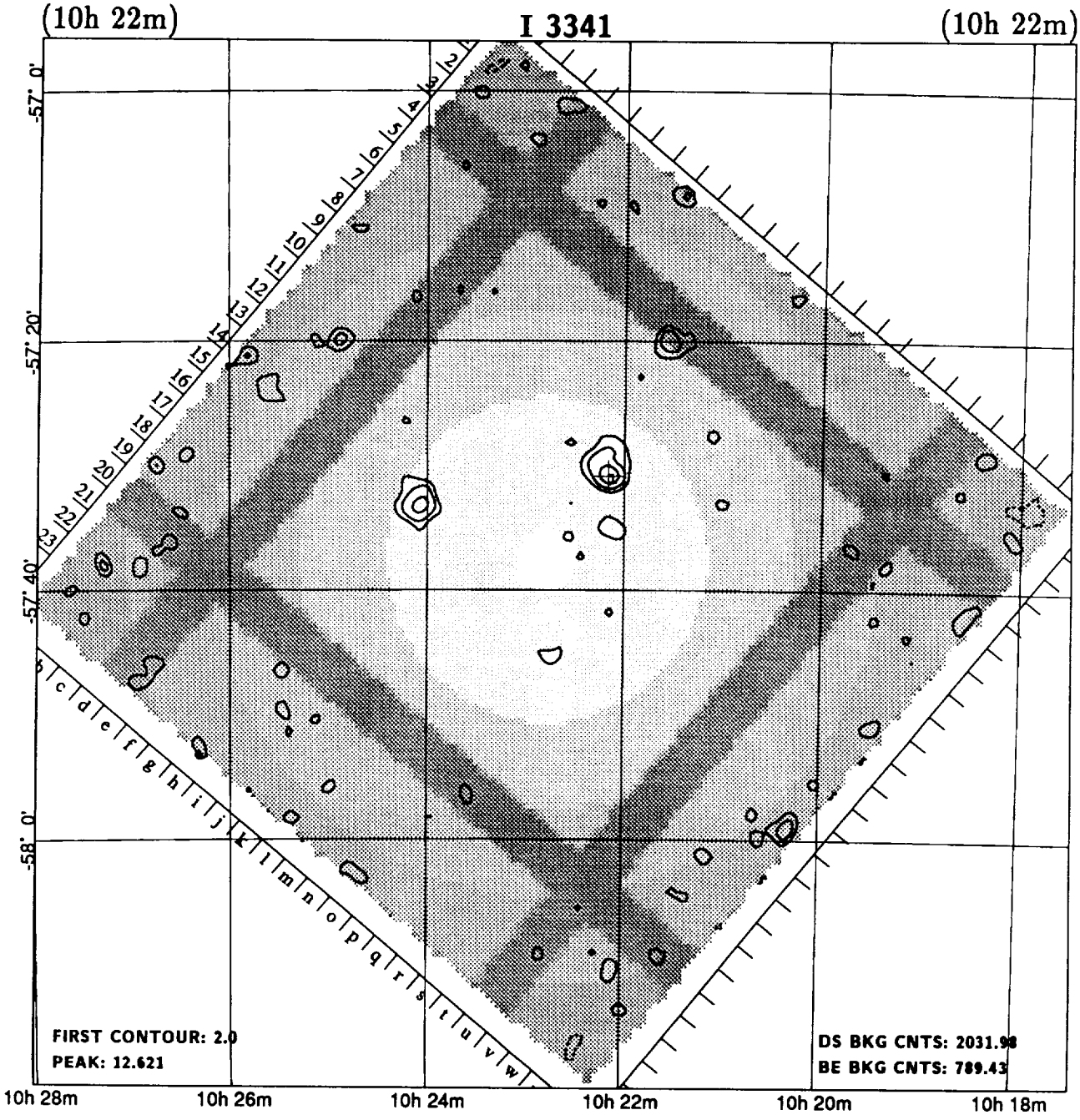
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2279	1	10 21 31.6	-57 20 20	41	0.0132	0.0019	61.9	19.1	6.9	1.1	0	12.1	H	
2281	2	10 22 08.5	-57 30 07	31	0.0407	0.0029	216.3	23.7	14.0	1.6	0	1.1	AH	
2286	3	10 24 04.3	-57 33 05	47	0.0538	0.0037	227.3	19.7	14.5	1.1	0	15.0	H	

(10h 22m) **I 3360** (10h 22m)



NGC 3242: EXPANDING STELLAR ATMOSPHERES

FIELD CENTER:	$10^h22^m22.0^s$ -18°23′18″ (B1950)	**DATE:** 1979/168 - 1979/168	**NH:** 6.8E+20
	$10^h24^m46.6^s$ -18°38′33″ (J2000)	**LIVETIME:** 2451.5s	**REF/ID:**
	ℓ: 261.05 b: 32.05	**ROLL ANGLE:** 61.3°	**FIELD FLAGS:**



COS-B GAMMA RAY SOURCE REGION E

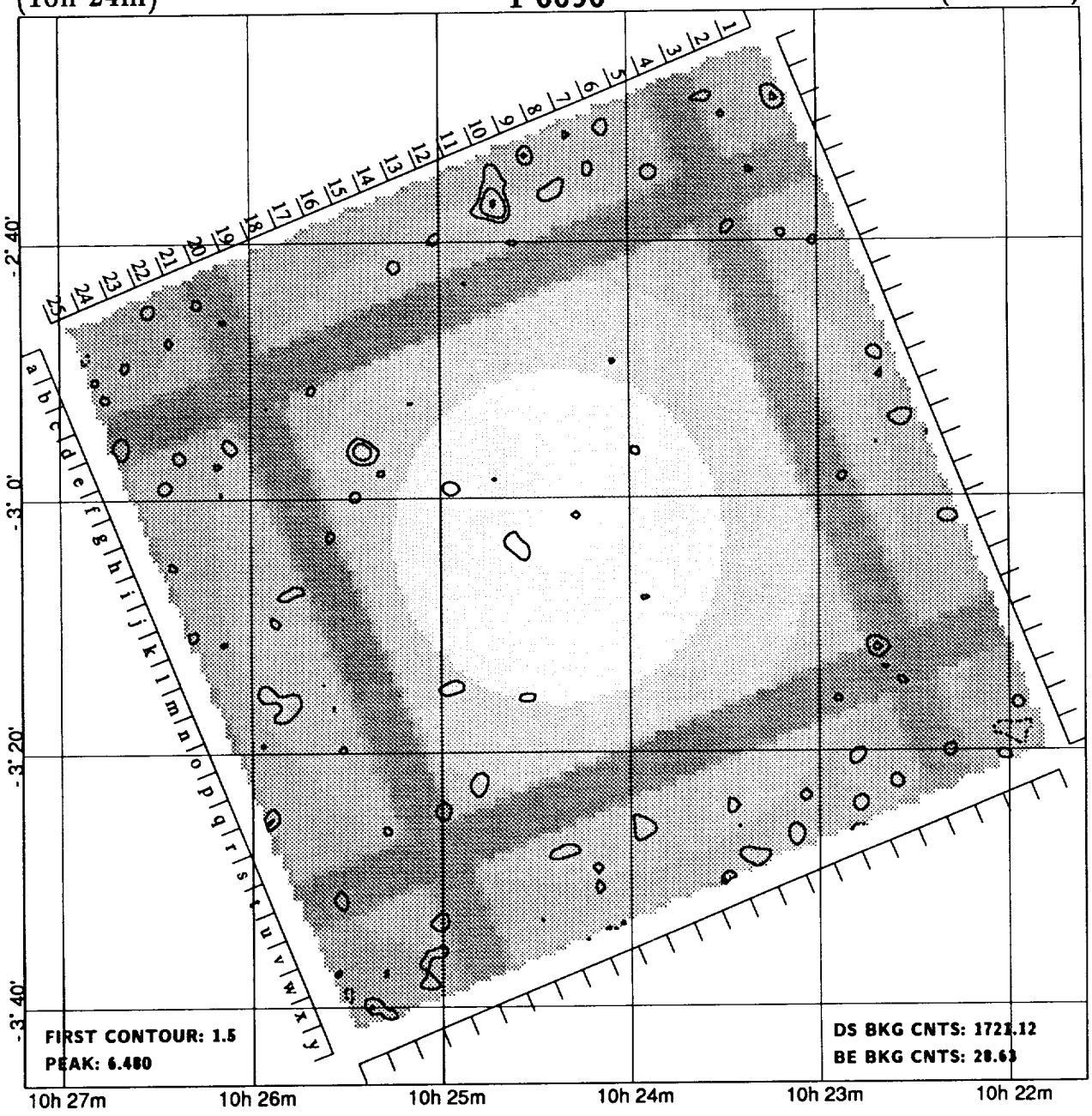
FIELD CENTER: $10^h22^m43.0^s$ $-57°37'58''$ (B1950)
$10^h24^m33.5^s$ $-57°53'13''$ (J2000)
ℓ: 284.40 b: -0.40

DATE: 1979/194 - 1979/194
LIVETIME: 1646.6s
ROLL ANGLE: 39.7°

NH: 1.5E+21
REF/ID:
FIELD FLAGS: LS

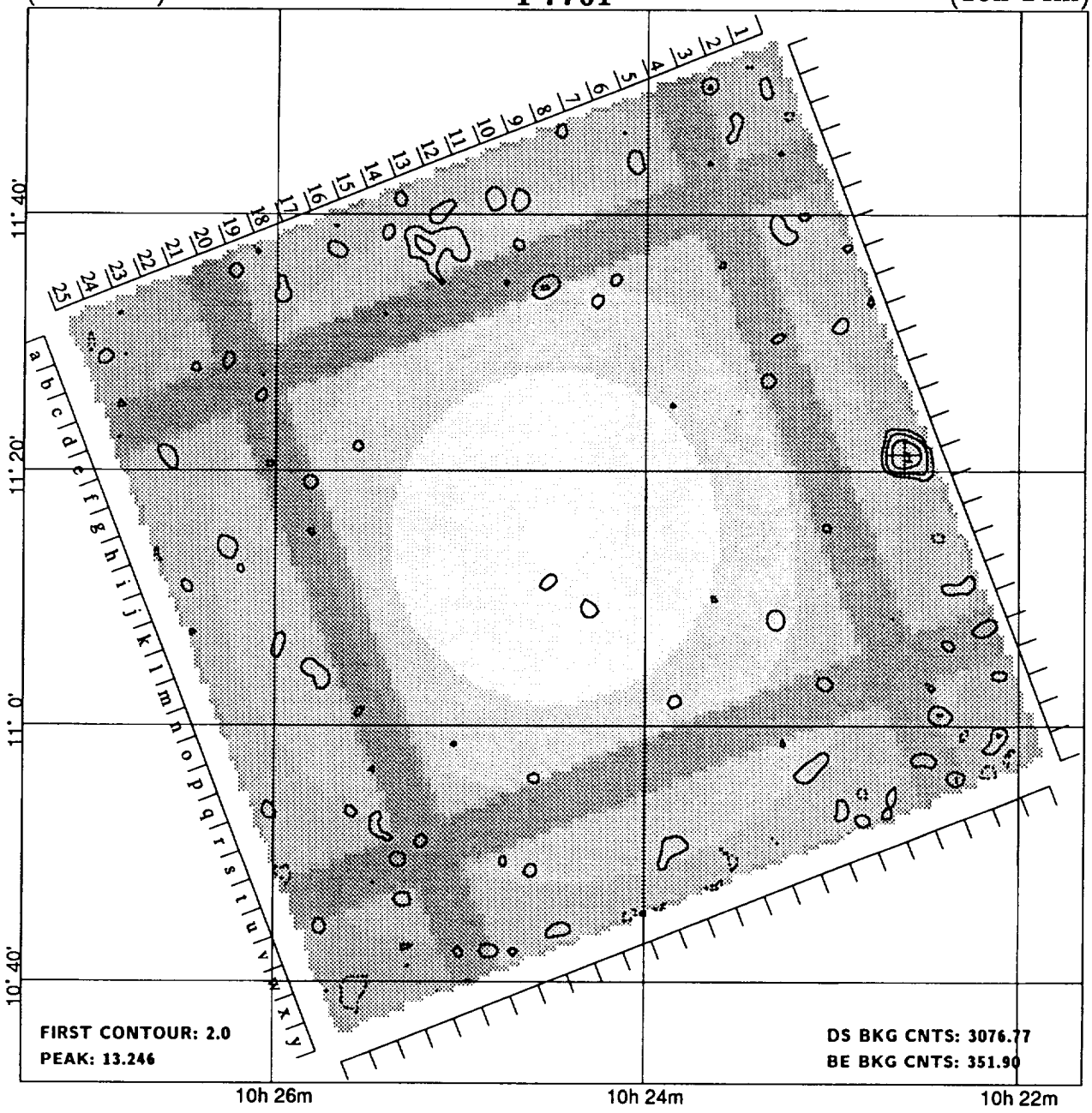
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2281	1L	10 22 09.7	-57 30 46	41	0.0290	0.0072	32.6	14.4	3.9	1.2	0	8.5	A	

(10h 24m) **I 6696** (10h 24m)



MKW 2S: CD GALAXIES IN POOR CLUSTERS

FIELD CENTER:	$10^h24^m24.0^s$ -03°03'59" (B1950)	**DATE:** 1980/152 - 1980/153	**NH:** 4.4E+20
	$10^h26^m56.2^s$ -03°19'18" (J2000)	**LIVETIME:** 1394.7s	**REF/ID:** !
	ℓ: 248.40 b: 43.73	**ROLL ANGLE:** 67.8°	**FIELD FLAGS:**



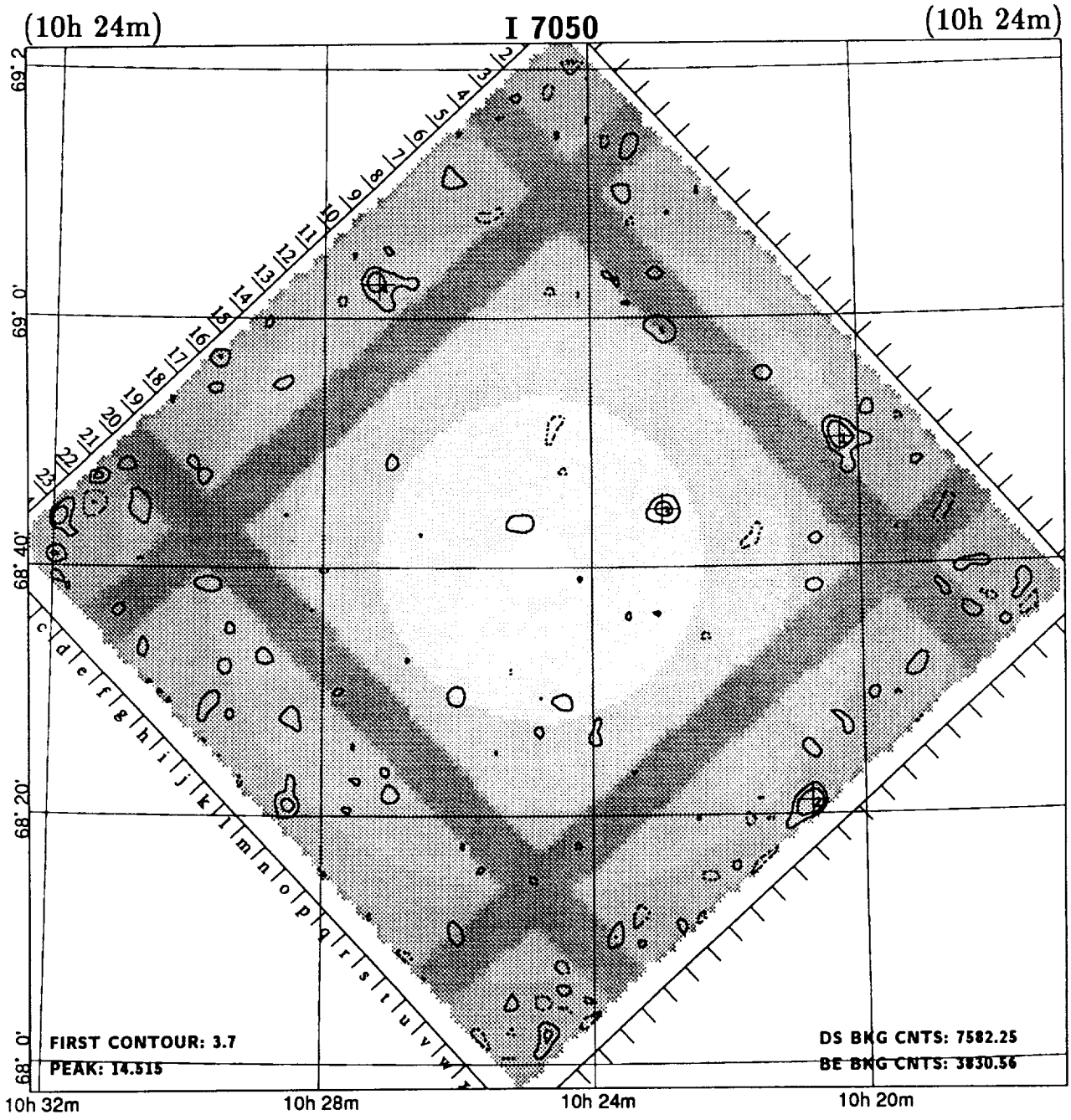
ABELL 1016,CLUSTERS OF GALAXIES

FIELD CENTER: $10^h24^m30.0^s$ $11°13'59''$ (B1950)
$10^h27^m09.0^s$ $10°58'41''$ (J2000)
ℓ: 231.34 b: 52.47

DATE: 1980/153 - 1980/153
LIVETIME: 2493.2s
ROLL ANGLE: 68.7°

NH: 3.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2284	1	10 22 36.7	11 21 19	51	0.0345	0.0067	31.4	5.6	5.2	1.1	200	28.9	H	



I 2574,LATE GALAXY SURVEY

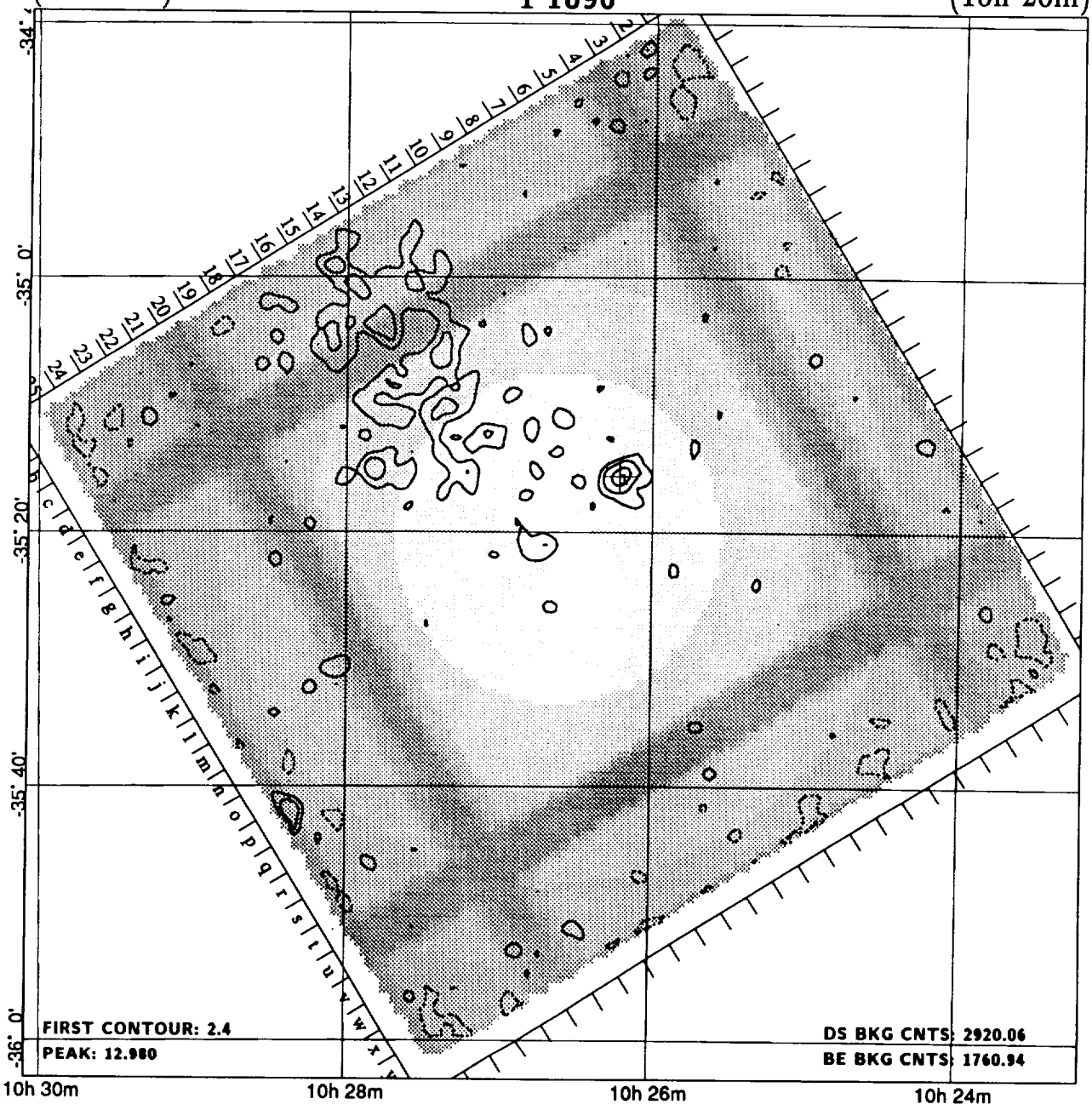
FIELD CENTER: $10^h24^m40.0^s$ 68°40′05″ (B1950)
$10^h28^m21.1^s$ 68°24′46″ (J2000)
ℓ: 140.21 b: 43.60

DATE: 1980/111 - 1980/111
LIVETIME: 6144.1s
ROLL ANGLE: 47.5°

NH: 2.1E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2272	1	10 20 16.6	68 50 11	55	*0.0122	0.0028	31.1	18.9	4.4	1.0	501	25.7	H	
2276	2	10 20 46.9	68 21 06	55	*0.0129	0.0032	27.3	18.7	4.0	0.9	501	28.5	H	
2285	3	10 22 56.9	68 44 35	42	0.0080	0.0019	32.3	25.7	4.2	0.7	0	10.8	H	
2288	4	10 27 10.9	69 02 42	61	0.0100	0.0026	25.5	18.5	3.8	1.0	0	26.1	H	

(10h 26m) **I 1896** (10h 26m)



NGC3258: X-RAY STUDY OF RADIO GALAXIES

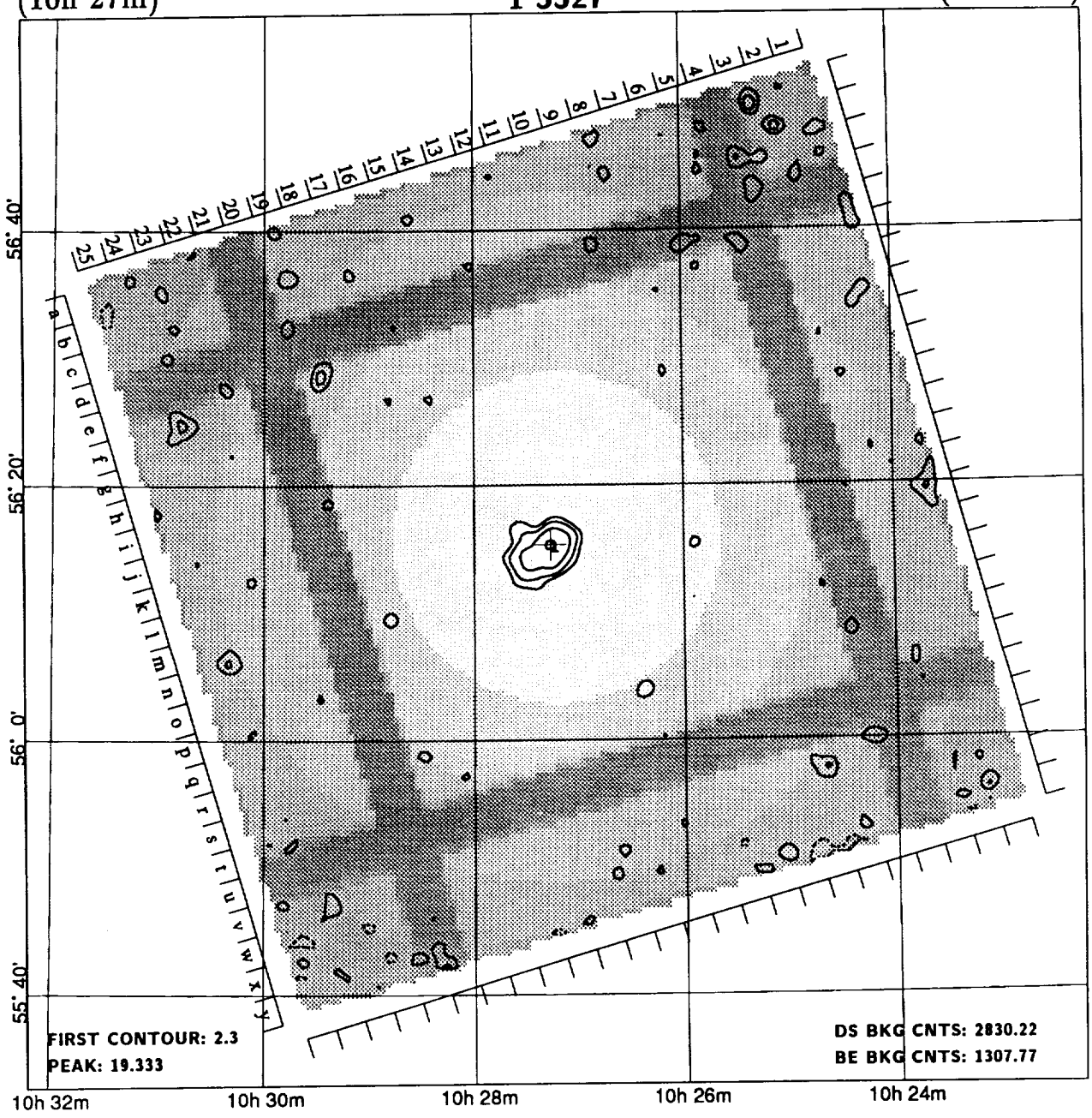
FIELD CENTER: $10^h26^m38.4^s$ -35°21′10″ (B1950)
$10^h28^m53.5^s$ -35°36′33″ (J2000)
ℓ: 272.90 b: 18.82

DATE: 1979/171 - 1979/171
LIVETIME: 2366.2s
ROLL ANGLE: 58.3°

NH: 6.4E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2287	1L	10 26 12.8	-35 15 38	41	0.0282	0.0056	46.8	16.2	4.9	1.1	0	7.6		

(10h 27m) **I 5527** (10h 27m)



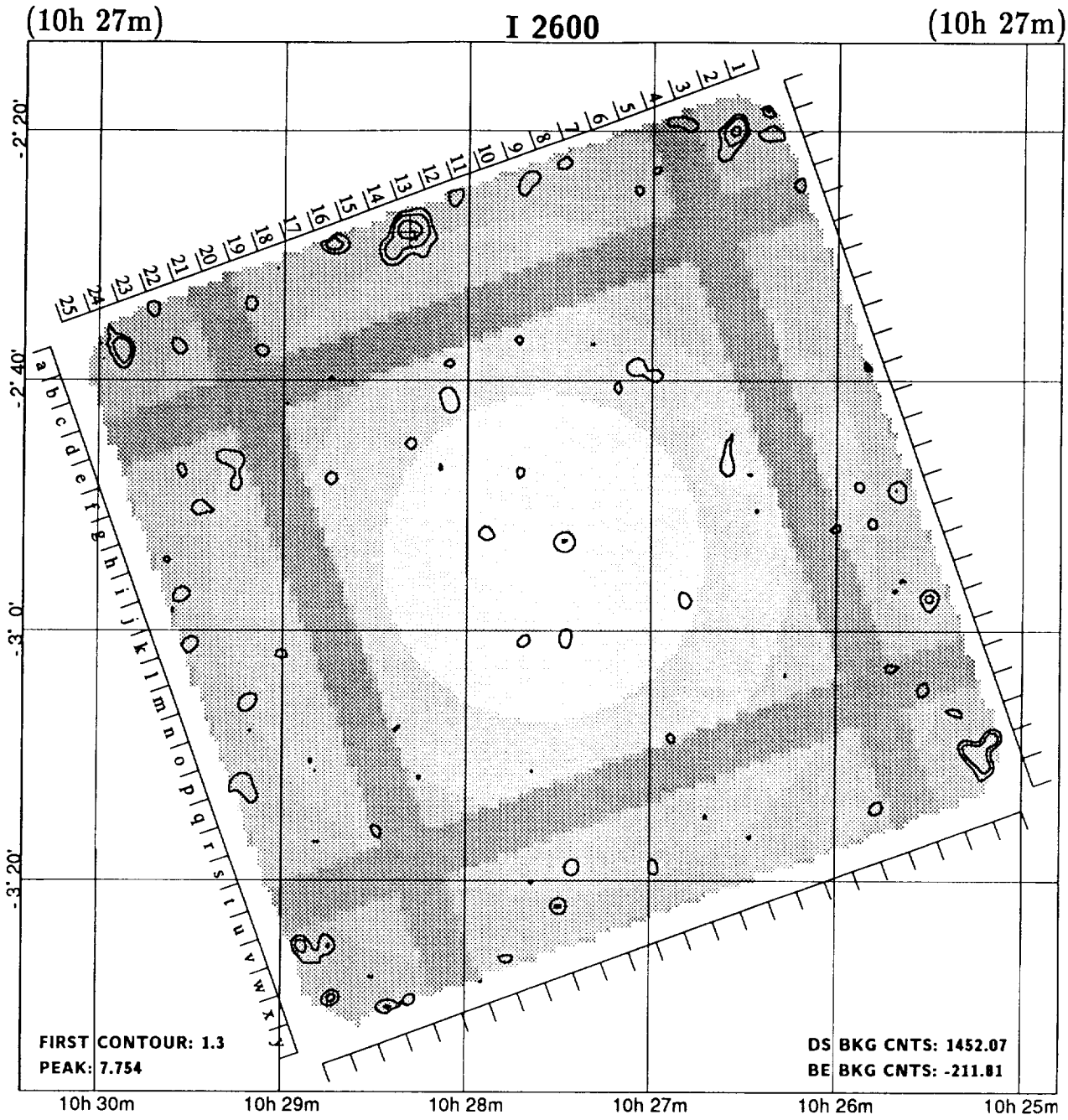
DM+56 1458

FIELD CENTER: $10^h27^m14.0^s$ $56°14'59''$ (B1950)
$10^h30^m26.3^s$ $55°59'36''$ (J2000)
ℓ: 154.30 b: 51.67

DATE: 1980/145 - 1980/145
LIVETIME: 2293.4s
ROLL ANGLE: 73.8°

NH: 6.8E+19
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2289	1L	10 27 16.3	56 15 22	32	0.0291	0.0070	49.6	46.4	4.0	1.9	0	0.3		S



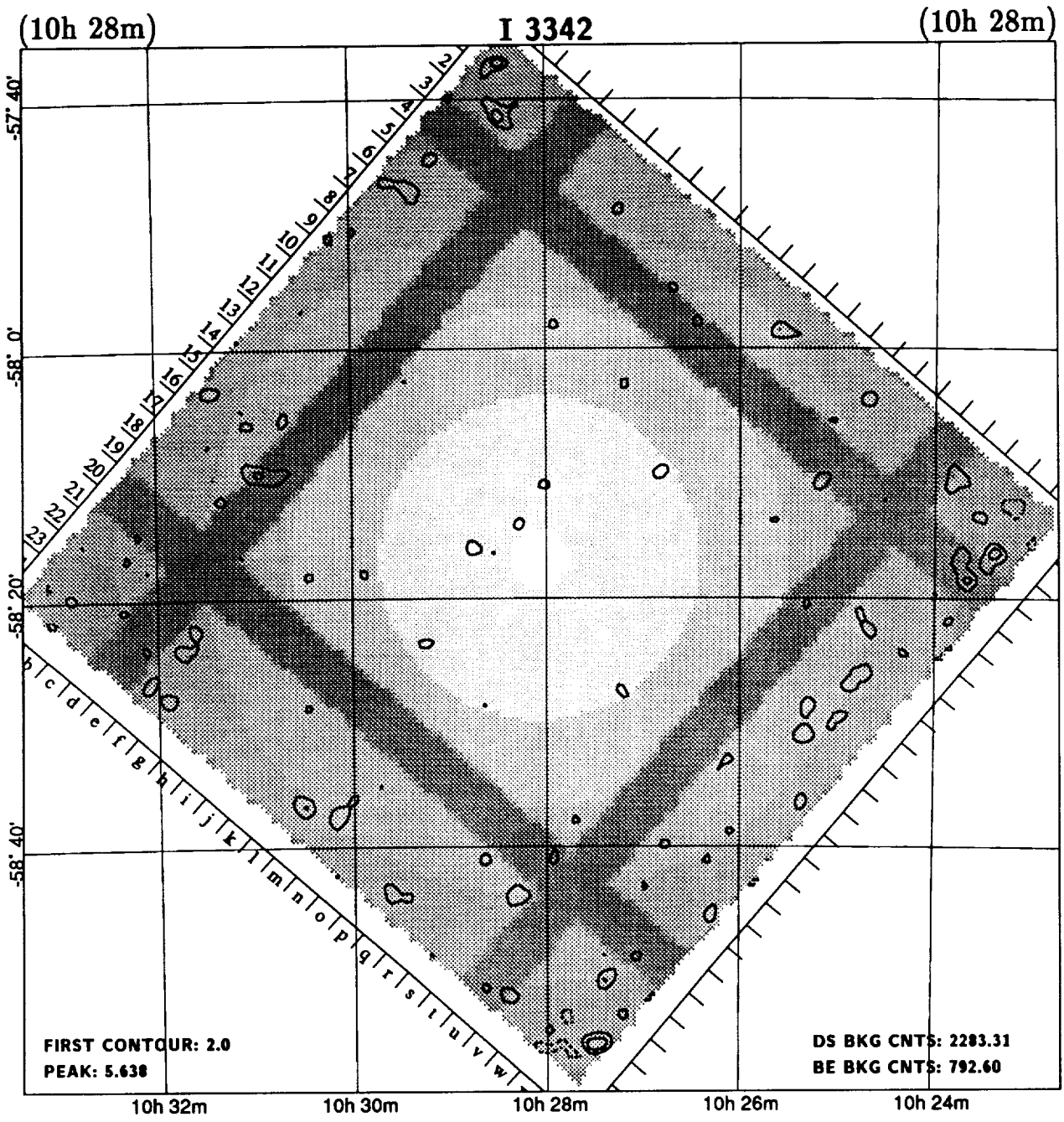
MKW 2: CD GALAXIES IN POOR CLUSTERS

FIELD CENTER: $10^h27^m36.0^s$ -02°54′59″ (B1950) $10^h30^m08.3^s$ -03°10′23″ (J2000) ℓ: 249.01 b: 44.41

DATE: 1979/141 - 1979/141
LIVETIME: 1176.7s
ROLL ANGLE: 70.1°

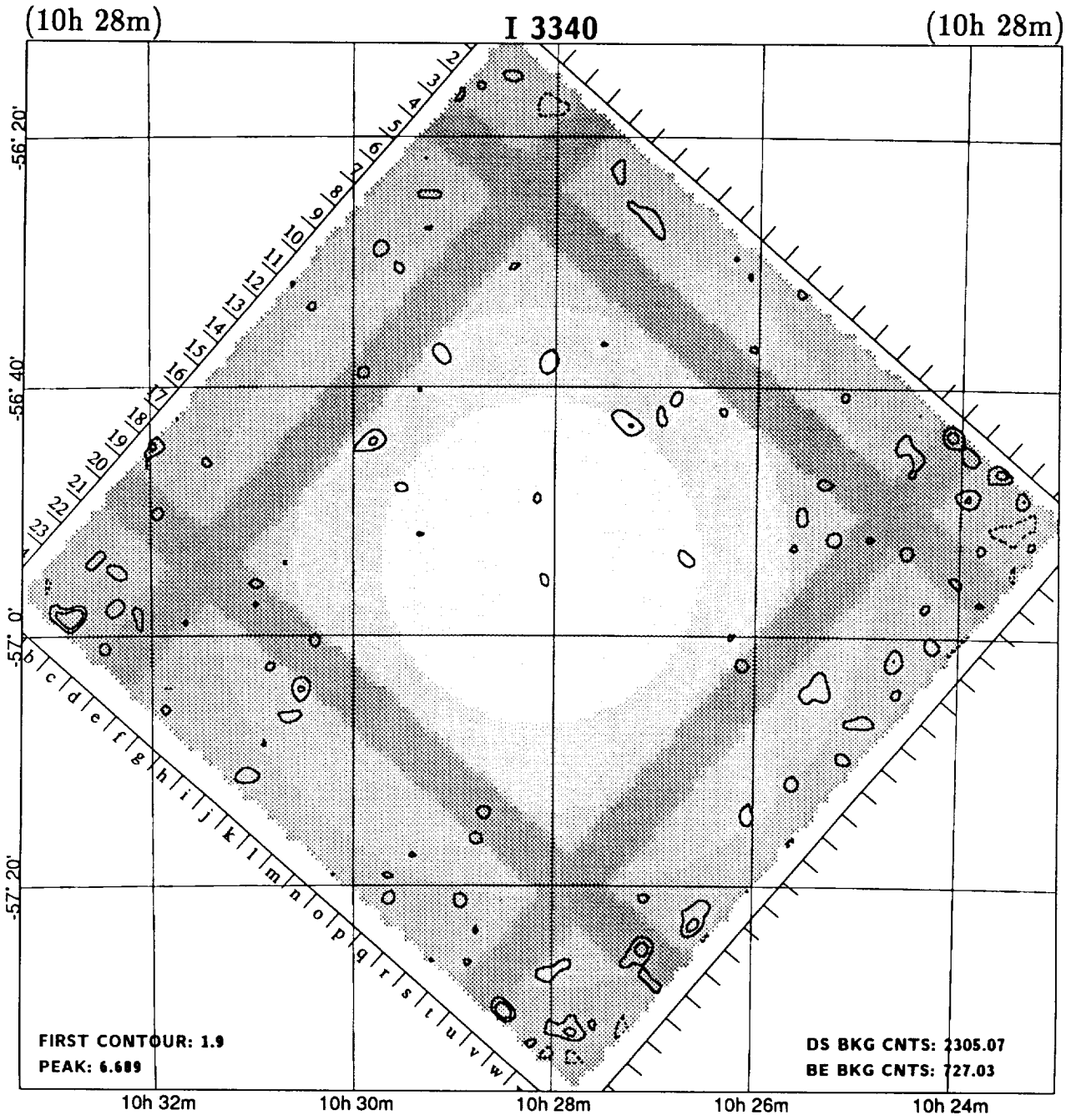
NH: 4.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2292	1	10 28 19.3	-02 28 12	54	0.0382	0.0098	17.0	2.0	3.9	1.5	400	29.2	H	



COS-B GAMMA RAY SOURCE REGION E

FIELD CENTER:	$10^h28^m03.0^s$ -58°17′42″ (B1950)	**DATE:** 1979/194 - 1979/194	**NH:** 1.5E+21
	$10^h29^m54.7^s$ -58°33′06″ (J2000)	**LIVETIME:** 1850.2s	**REF/ID:** S
	ℓ: 285.35 b: -0.60	**ROLL ANGLE:** 40.8°	**FIELD FLAGS:**



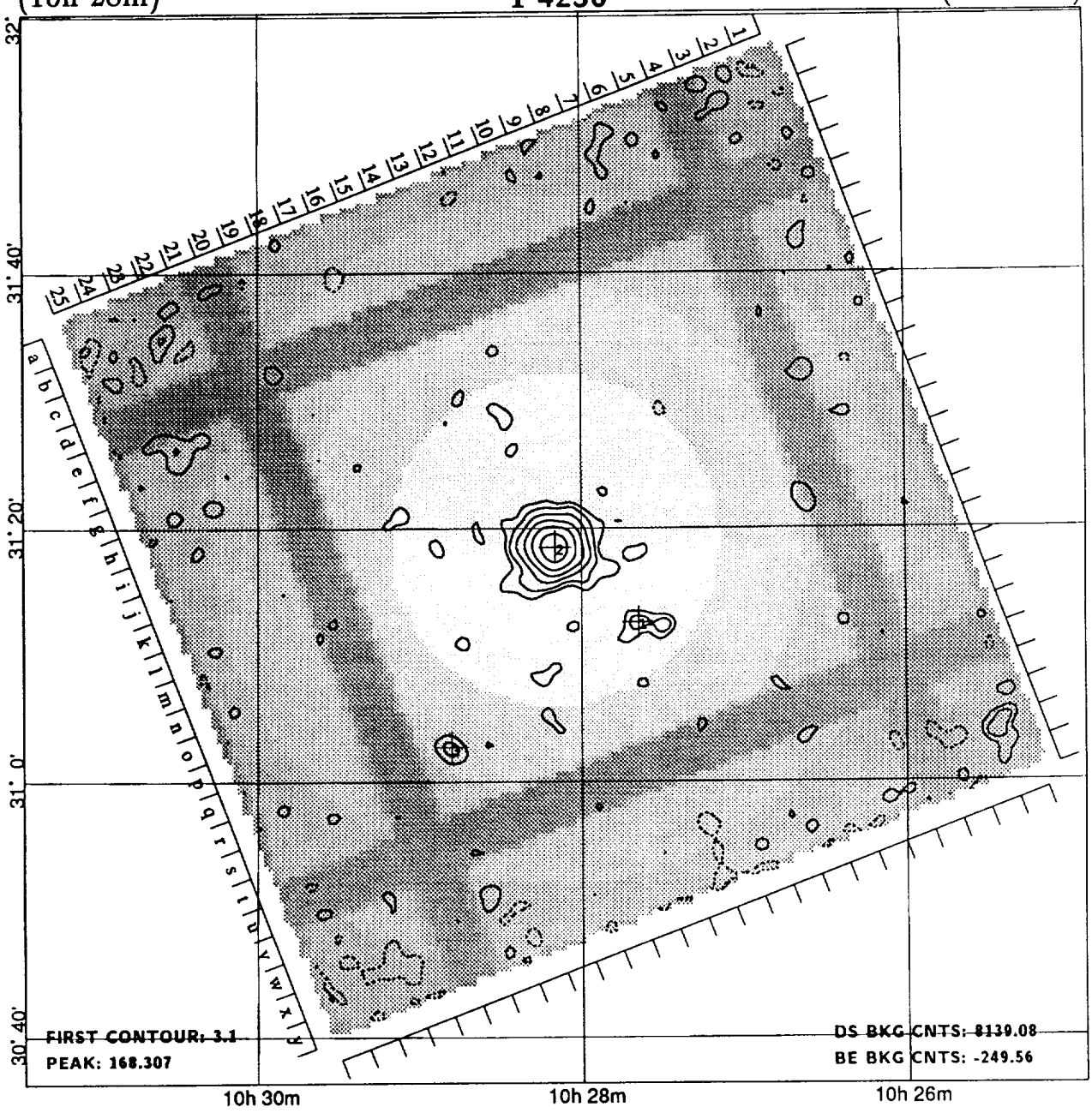
COS-B GAMMA RAY SOURCE REGION E

FIELD CENTER: $10^h28^m09.0^s$ -56°54′31″ (B1950)
$10^h30^m02.9^s$ -57°09′56″ (J2000)
ℓ: 284.65 b: 0.60

DATE: 1979/194 - 1979/194
LIVETIME: 1867.9s
ROLL ANGLE: 40.9°

NH: 1.4E+21
REF/ID:
FIELD FLAGS:

(10h 28m) **I 4256** (10h 28m)



OPTICALLY BRIGHT, RADIO-QUIET QSO

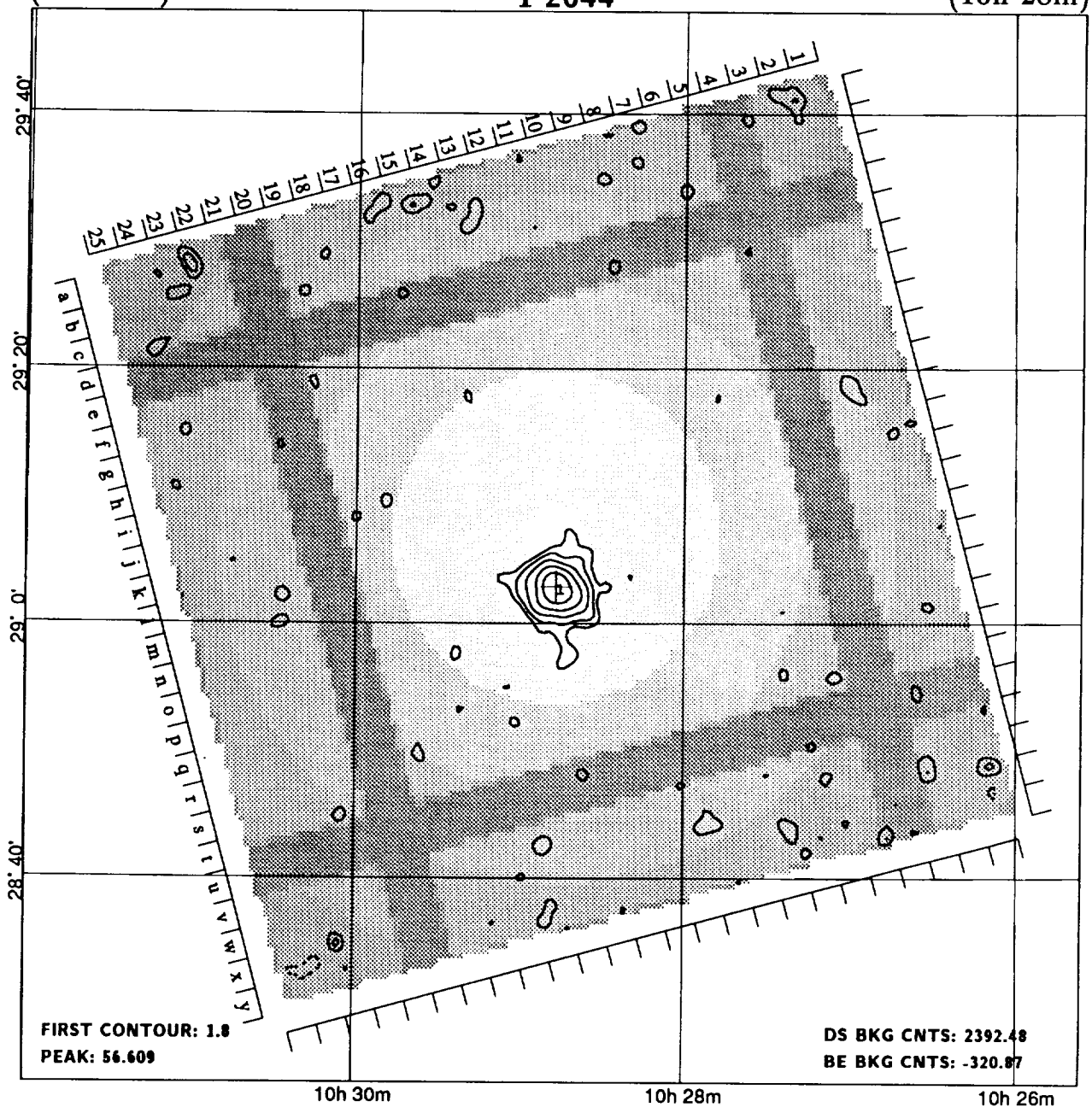
FIELD CENTER: $10^h28^m09.8^s$ $31°18'20''$ (B1950)
$10^h30^m59.1^s$ $31°02'55''$ (J2000)
ℓ: 197.13 b: 59.19

DATE: 1979/144 - 1979/145
LIVETIME: 6595.3s
ROLL ANGLE: 69.2°

NH: 1.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2290	1	10 27 38.9	31 12 38	42	0.0055	0.0015	24.6	18.4	3.7	1.2	0	8.7		
2291	2	10 28 09.8	31 18 33	31	0.1527	0.0056	751.4	18.6	27.1	1.6	0	0.2	H	Q
2294	3	10 28 48.5	31 02 43	55	0.0060	0.0017	21.3	14.7	3.5	0.7	0	17.7	H	

(10h 28m) **I 2644** (10h 28m)



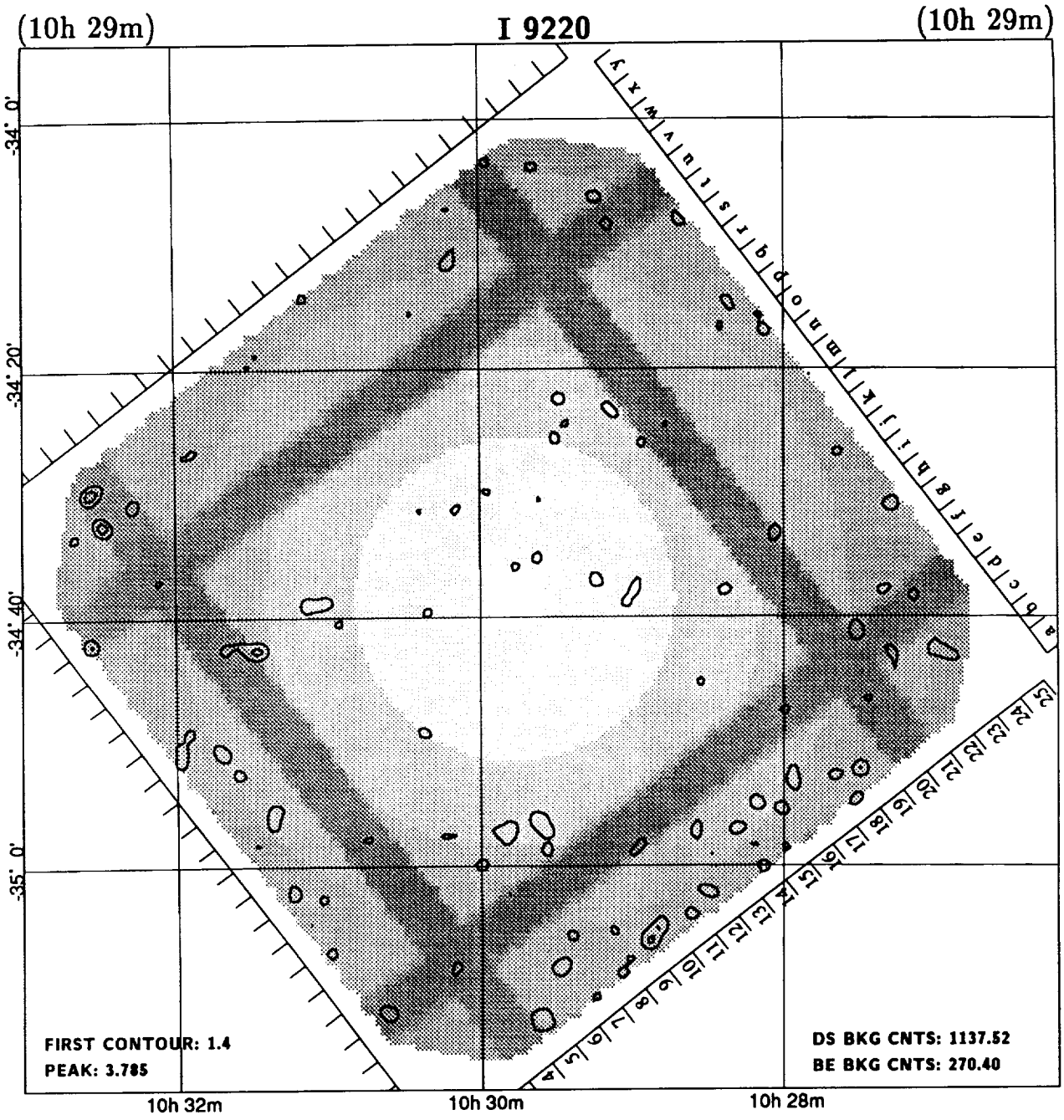
SEYFERT GALAXY SURVEY: TON424A

FIELD CENTER: $10^h28^m48.0^s$ 29°05′59″ (B1950)
$10^h31^m35.8^s$ 28°50′33″ (J2000)
ℓ: 201.45 b: 59.19

DATE: 1979/143 - 1979/143
LIVETIME: 1938.7s
ROLL ANGLE: 75.0°

NH: 1.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2293	1	10 28 46.7	29 02 55	31	0.175	0.011	245.7	5.3	15.5	1.7	0	3.1	H	

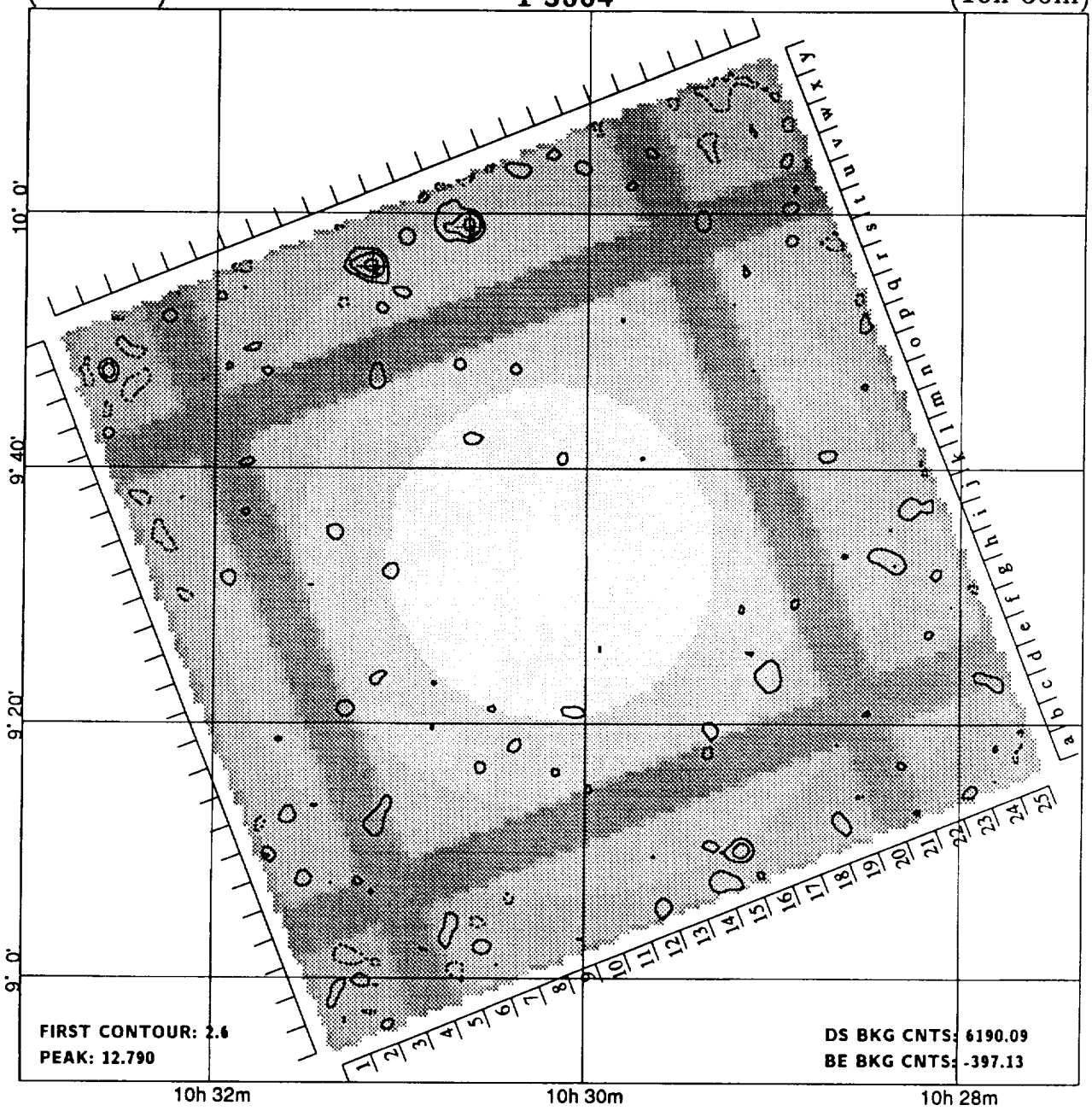


UNIDENTIFIED 3A SOURCES:3A 1029-344

FIELD CENTER: $10^h29^m36.0^s$ -34°35'59" (B1950)
$10^h31^m52.1^s$ -34°51'27" (J2000)
ℓ: 273.01 b: 19.78

DATE: 1980/364 - 1980/364
LIVETIME: 921.8s
ROLL ANGLE: -127.4°

NH: 6.5E+20
REF/ID:
FIELD FLAGS:



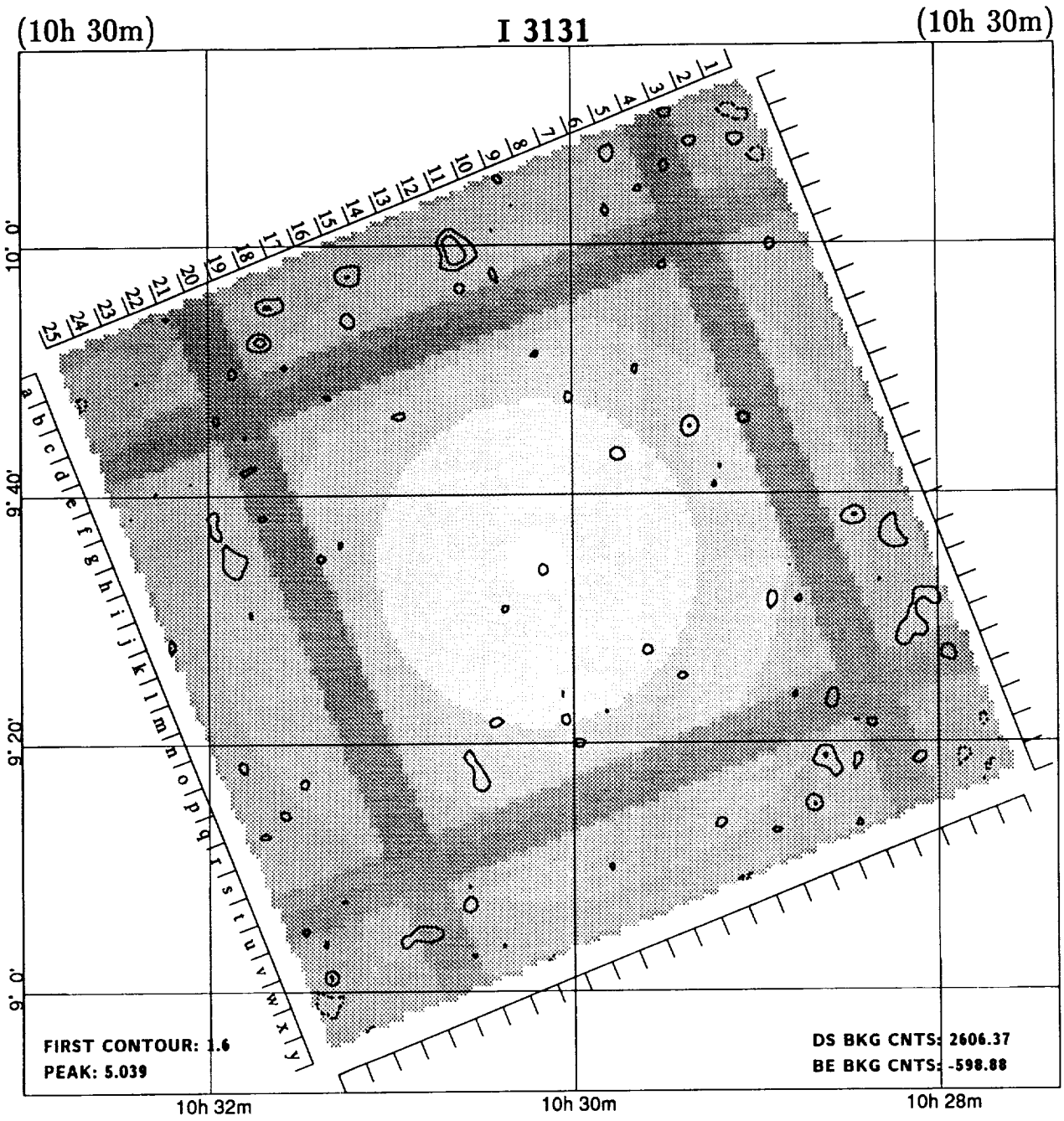
RHO LEO, LUMINOUS EARLY-TYPE STAR

FIELD CENTER: $10^h30^m11.0^s$ $09°33'50''$ (B1950)
$10^h32^m48.9^s$ $09°18'21''$ (J2000)
ℓ: 234.89 b: 52.77

DATE: 1979/339 - 1979/339
LIVETIME: 5016.0s
ROLL ANGLE: -111.6°

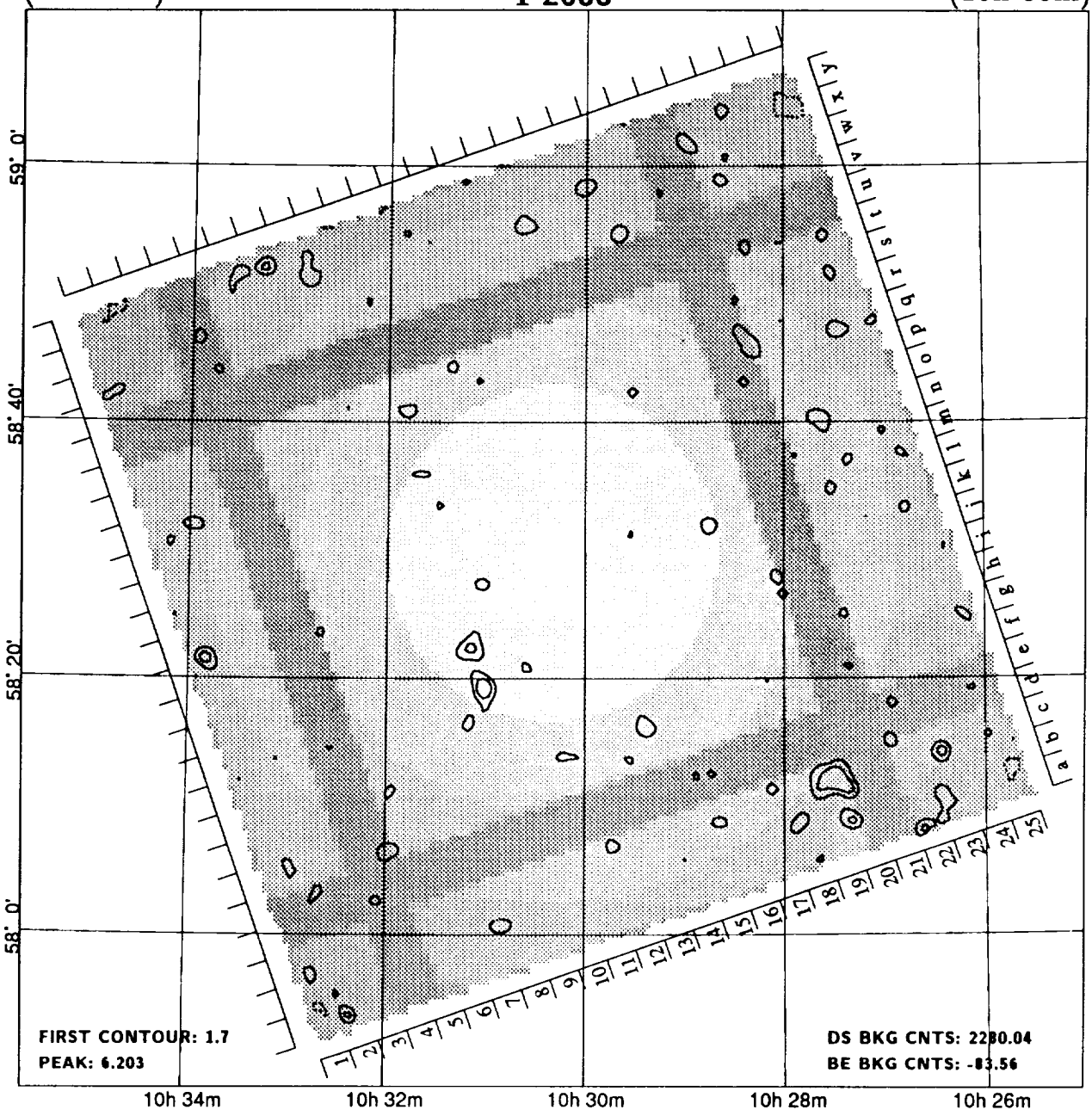
NH: 3.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2296	1	10 30 38.6	09 58 53	52	0.0104	0.0027	21.3	9.7	3.8	1.1	0	26.1	H	
2297	2	10 31 10.0	09 55 46	51	0.0110	0.0028	22.2	9.8	3.9	0.9	0	26.4	H	



CORONAL EMISSION FROM OB SUPERGIANTS: RHO LEO

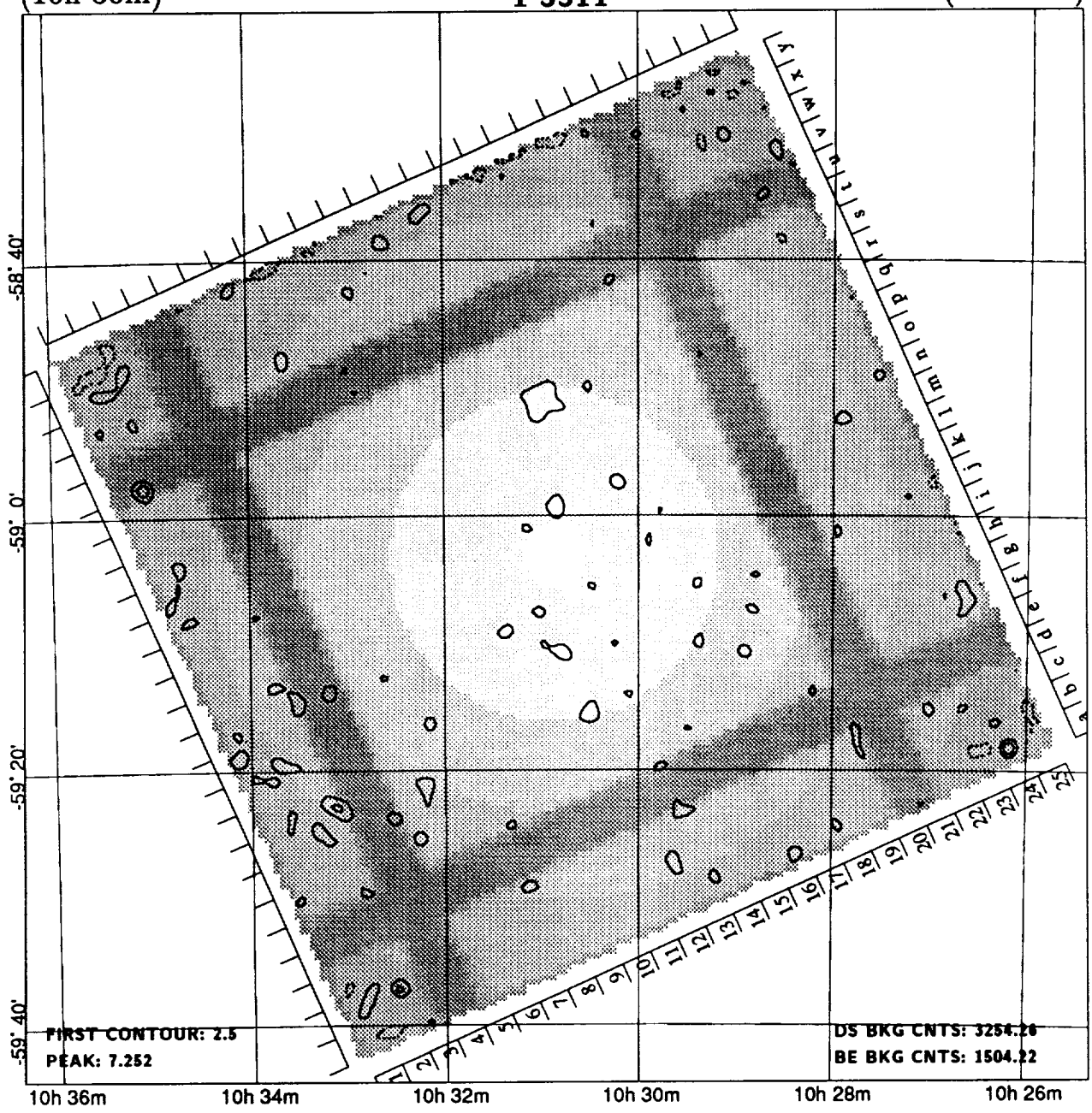
FIELD CENTER:	$10^h30^m11.0^s$ $09°33'59''$ (B1950)	DATE: 1979/143 - 1979/143	NH: 3.2E+20
	$10^h32^m48.9^s$ $09°18'31''$ (J2000)	LIVETIME: 2112.0s	REF/ID:
	ℓ: 234.88 b: 52.77	ROLL ANGLE: 68.4°	FIELD FLAGS:



3C 244.1: BRIGHT X-GALACTIC RADIO SOURCESS

FIELD CENTER:	$10^h30^m20.0^s$ 58°30'05" (B1950)	DATE: 1979/326 - 1979/326	NH: 6.5E+19
	$10^h33^m34.4^s$ 58°14'36" (J2000)	LIVETIME: 1847.6s	REF/ID: !
	ℓ: 150.99 b: 50.71	ROLL ANGLE: -109.0°	FIELD FLAGS:

(10h 30m) **I 5311** (10h 30m)



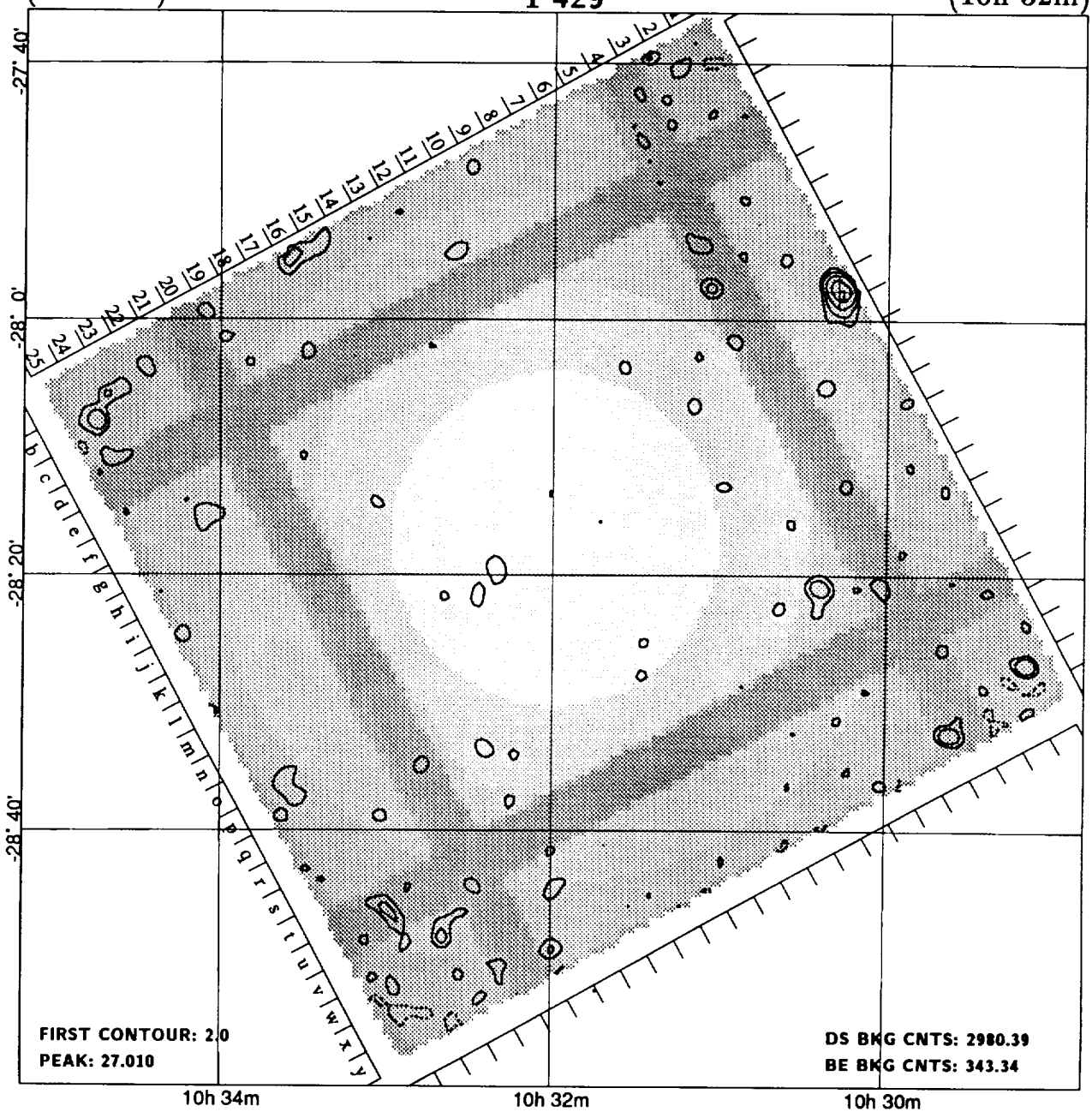
SEARCH FOR YOUNG GALACTIC SNR

FIELD CENTER: $10^h30^m50.8^s$ -59°02'31" (B1950)
$10^h32^m42.5^s$ -59°18'00" (J2000)
ℓ: 286.04 b: -1.06

DATE: 1979/349 - 1979/349
LIVETIME: 2637.0s
ROLL ANGLE: -114.0°

NH: 1.5E+21
REF/ID:
FIELD FLAGS: L

(10h 32m) **I 429** (10h 32m)



TOLOLO 9 ABNORMAL GALAXIES SURVEY

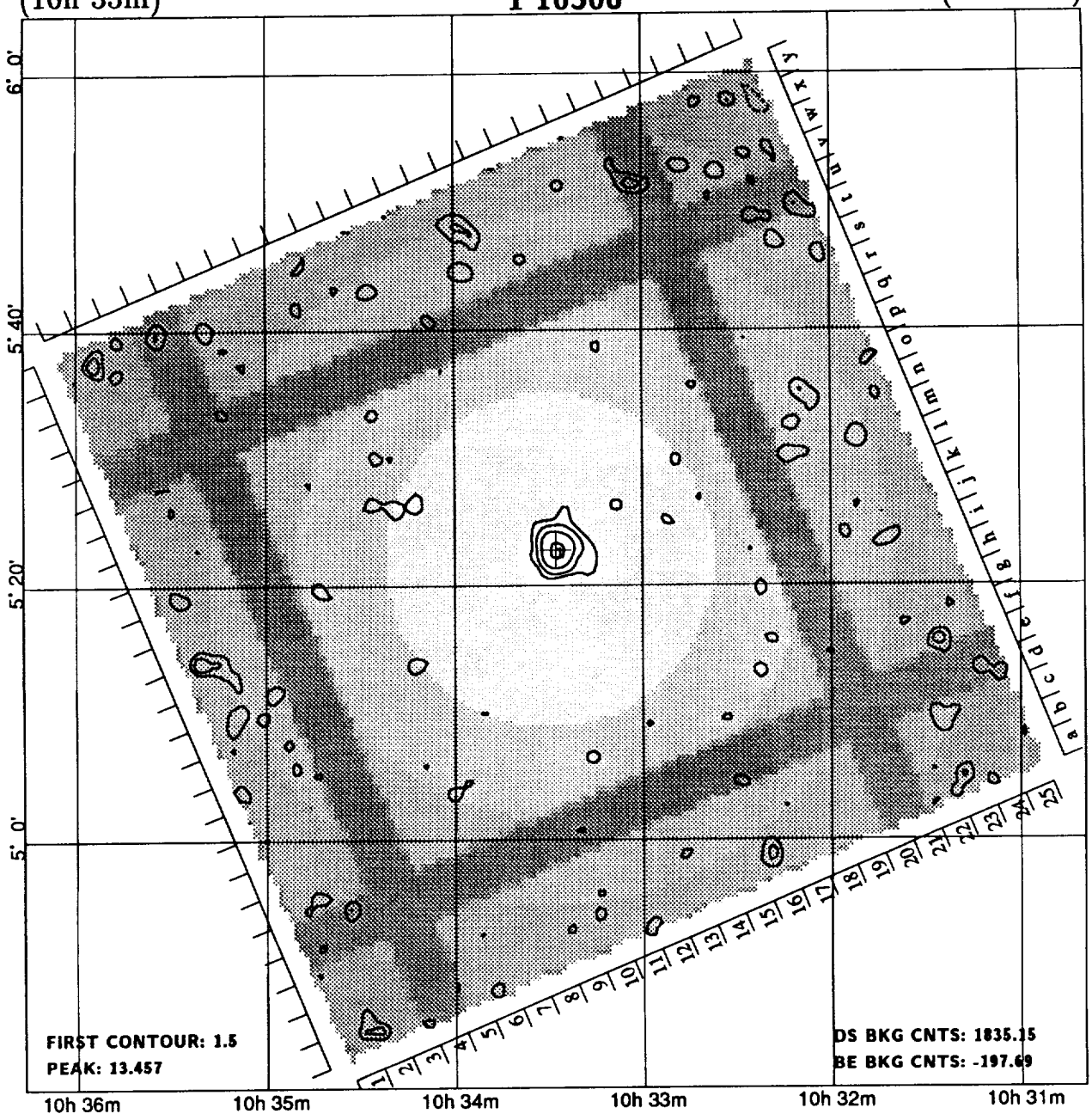
FIELD CENTER: $10^h32^m00.0^s$ -28°17′59″ (B1950)
$10^h34^m20.3^s$ -28°33′31″ (J2000)
ℓ: 269.75 b: 25.34

DATE: 1979/168 - 1979/168
LIVETIME: 2415.1s
ROLL ANGLE: 61.4°

NH: 4.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2295	1	10 30 17.6	-27 57 44	50	*0.0478	0.0079	40.5	4.5	6.0	1.0	501	30.4	H	

(10h 33m) **I 10308** (10h 33m)



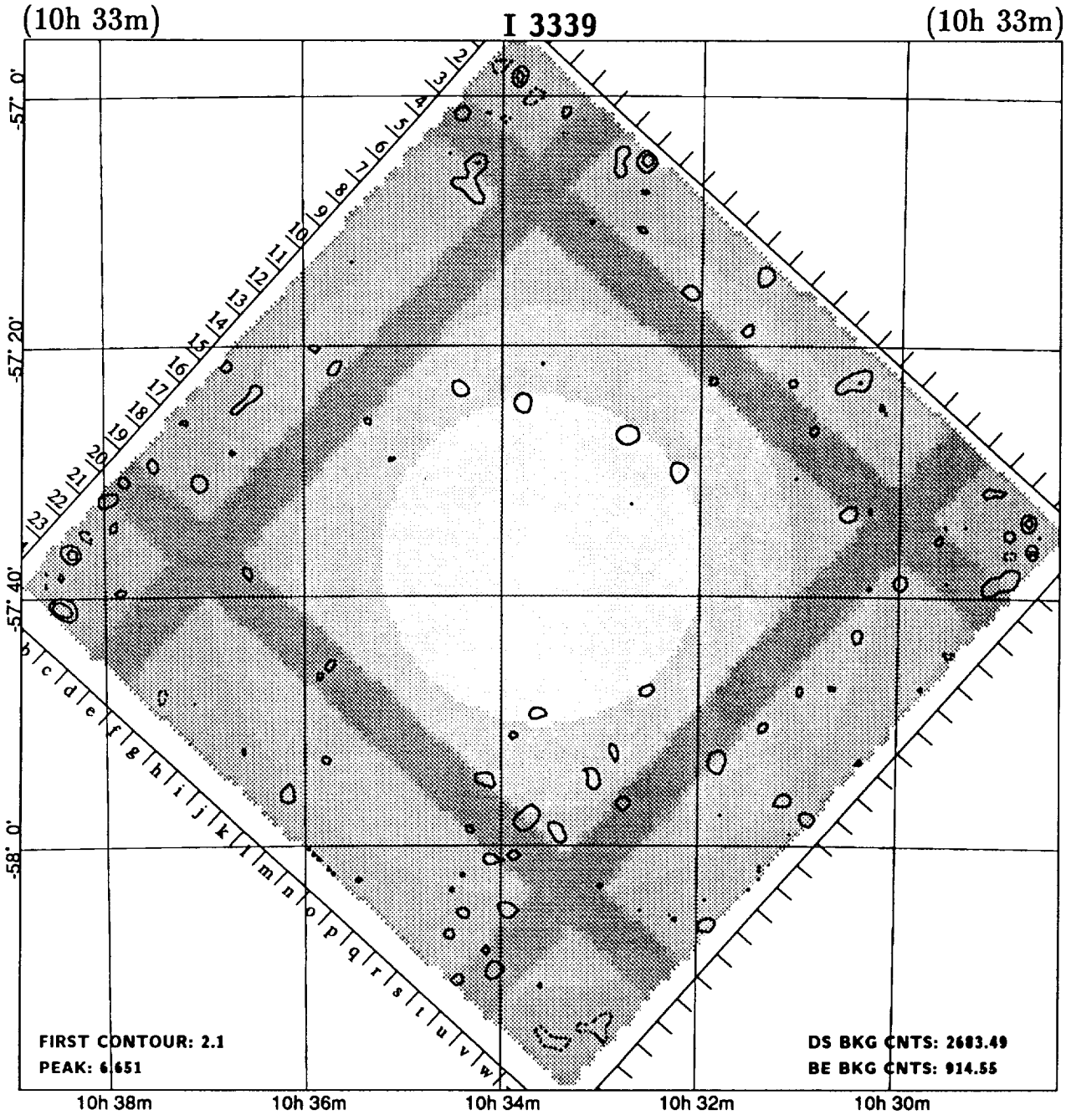
G 398,SOLAR NEIGHBORHOOD FLARE STARS

FIELD CENTER: $10^h33^m28.0^s$ $05°22'34''$ (B1950)
$10^h36^m03.9^s$ $05°07'01''$ (J2000)
ℓ: 241.16 b: 50.98

DATE: 1980/348 - 1980/348
LIVETIME: 1487.1s
ROLL ANGLE: -112.7°

NH: 3.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2298	1	10 33 27.7	05 22 44	34	0.0552	0.0073	61.0	4.0	7.6	1.4	0	0.2	H	S

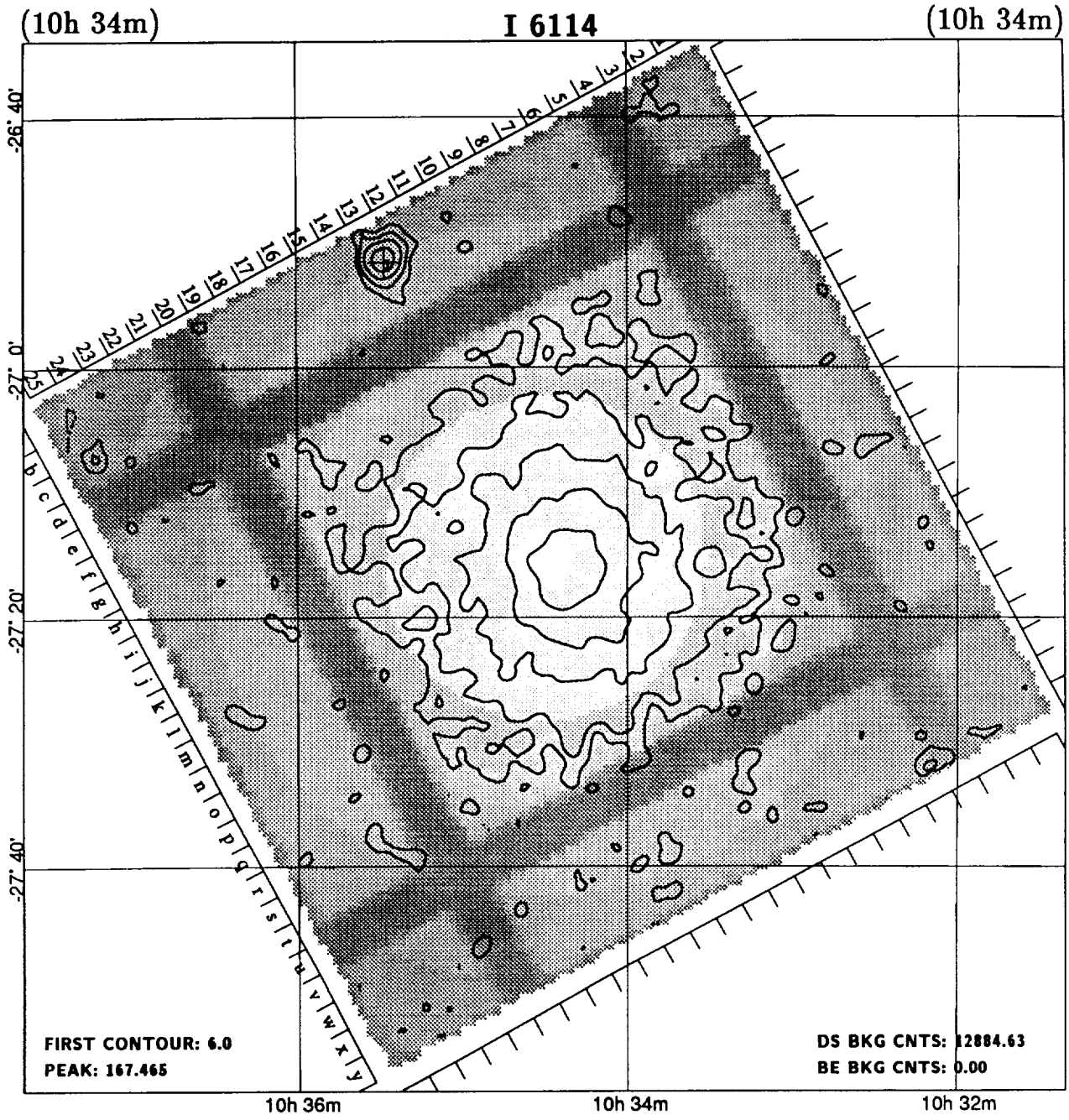


COS-B GAMMA RAY SOURCE REGION E

FIELD CENTER: $10^h33^m37.0^s$ $-57°37'40''$ (B1950)
$10^h35^m32.1^s$ $-57°53'14''$ (J2000)
ℓ: 285.65 b: 0.35

DATE: 1979/194 - 1979/194
LIVETIME: 2174.5s
ROLL ANGLE: 42.0°

NH: 1.4E+21
REF/ID:
FIELD FLAGS:



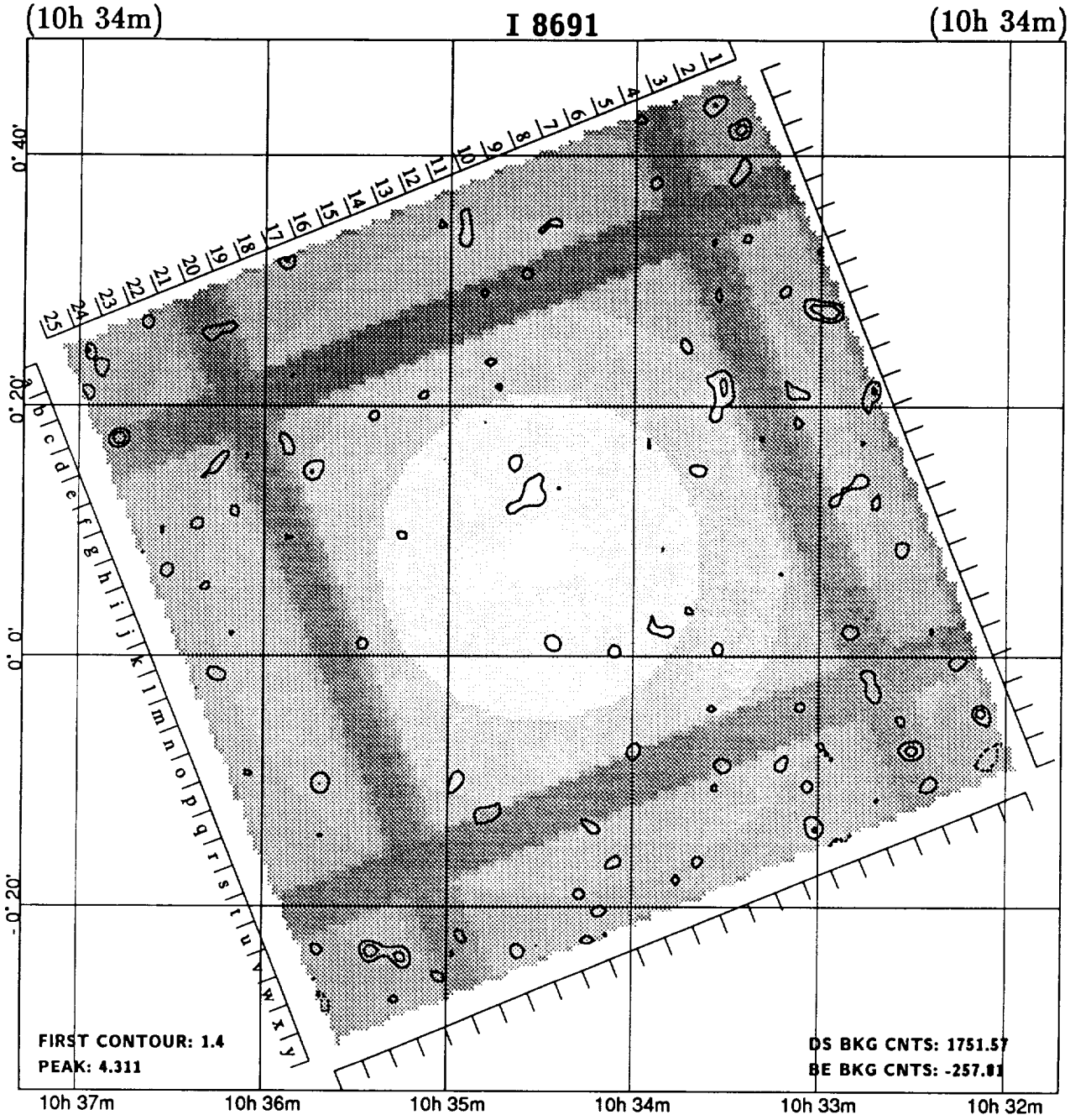
A 1060,DETAILED STUDY OF NEARBY CLUSTERS

FIELD CENTER: $10^h34^m30.0^s$ $-27°15'59''$ (B1950) | $10^h36^m51.3^s$ $-27°31'35''$ (J2000) | ℓ: 269.63 b: 26.51

DATE: 1980/168 - 1980/168 | **LIVETIME:** 10440.8s | **ROLL ANGLE:** 61.8°

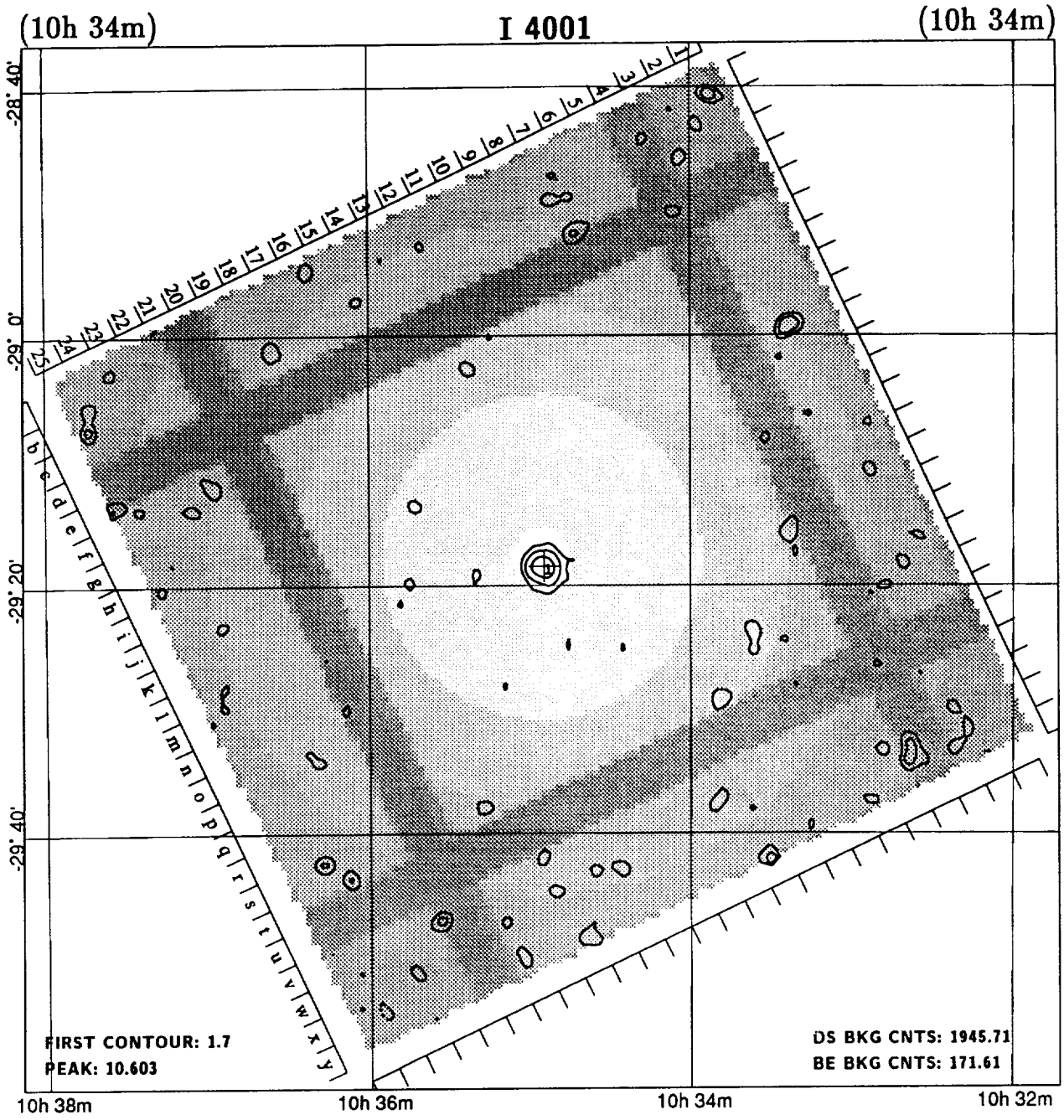
NH: 5.0E+20 | **REF/ID:** ! | **FIELD FLAGS:** DLS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2300	1L	10 35 28.3	-26 51 38	48	0.0349	0.0040	144.9	51.1	8.7	1.3	0	27.8		



PG 1034+00, VERY HOT WHITE DWARFS

FIELD CENTER:	$10^h34^m30.0^s$ 00°07'14" (B1950)	DATE: 1980/152 - 1980/152	NH: 5.0E+20
	$10^h37^m03.7^s$ -00°08'20" (J2000)	LIVETIME: 1419.3s	REF/ID:
	ℓ: 247.55 b: 47.75	ROLL ANGLE: 68.0°	FIELD FLAGS:



1034-293, OPTICALLY-QUIET COMPACT RADIO SOURCE

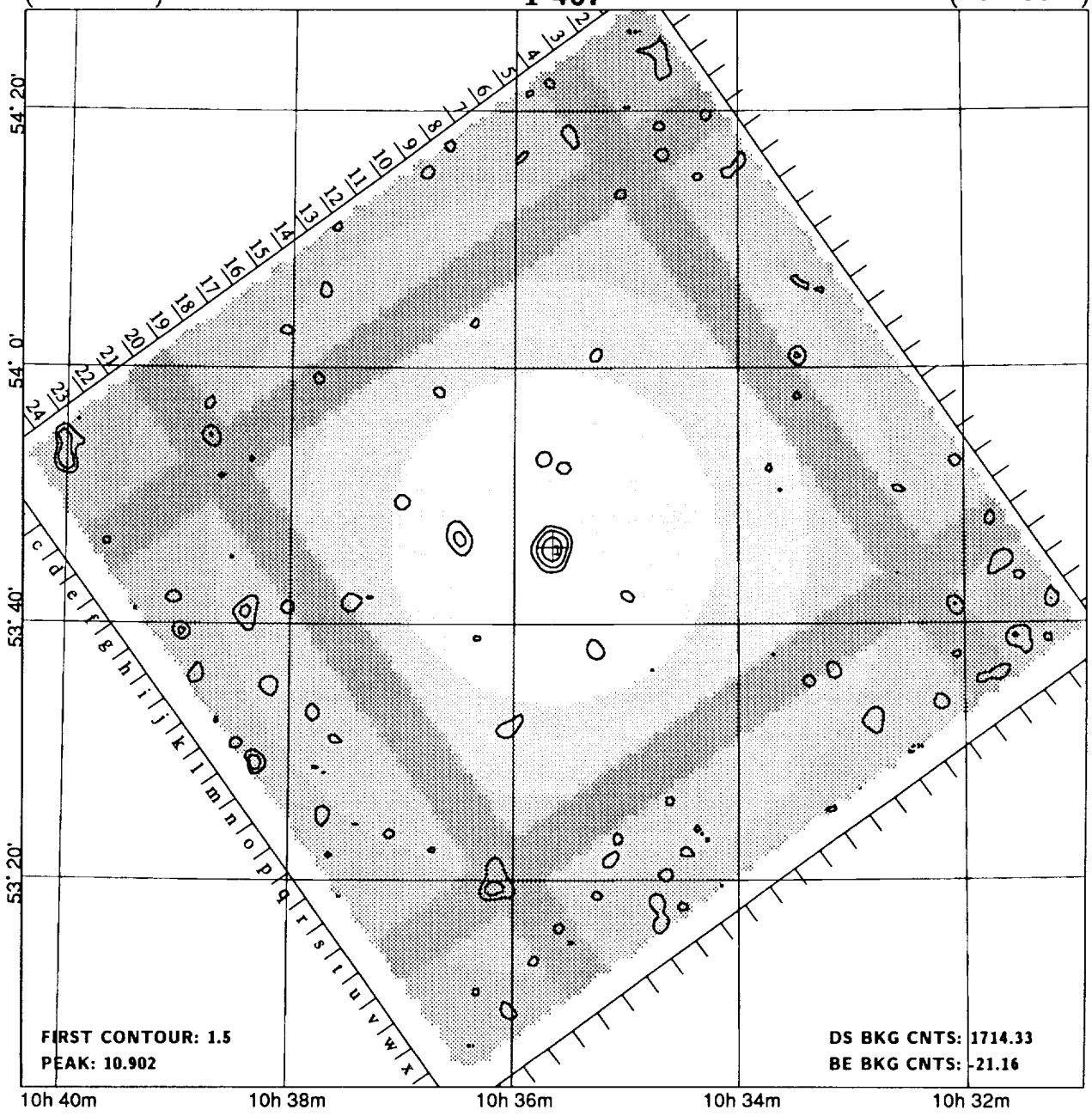
FIELD CENTER: $10^h34^m55.9^s$ -29°18'29" (B1950)
$10^h37^m16.1^s$ -29°34'05" (J2000)
ℓ: 270.95 b: 24.85

DATE: 1980/163 - 1980/163
LIVETIME: 1576.7s
ROLL ANGLE: 64.7°

NH: 4.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2299	1	10 34 54.8	-29 18 25	35	0.0399	0.0061	46.9	5.1	6.5	1.1	0	0.2	H	BL

(10h 35m) **I 467** (10h 35m)



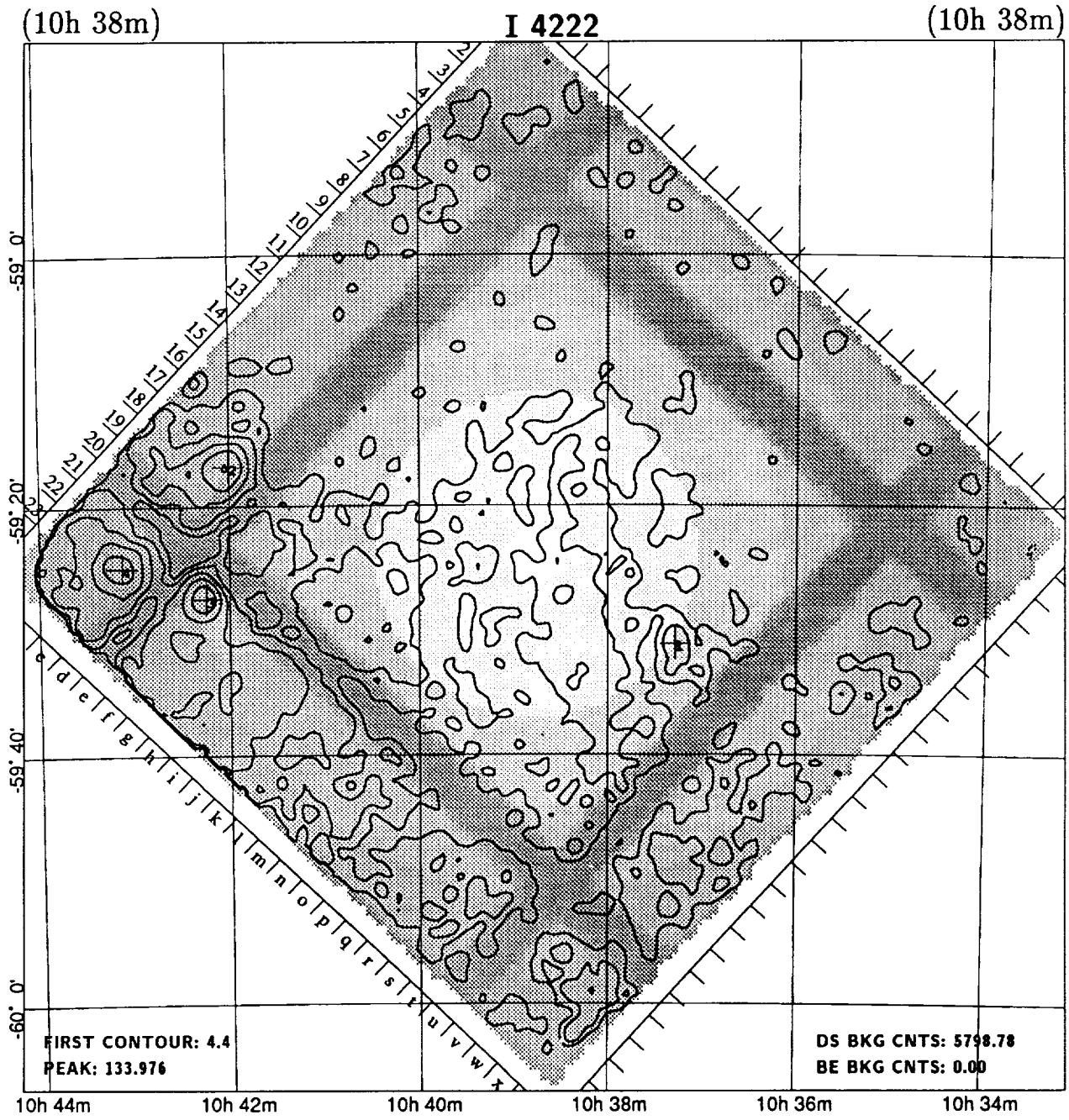
NGC 3310 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $10^h35^m39.0^s$ $53°45'53''$ (B1950) | $10^h38^m44.8^s$ $53°30'16''$ (J2000) | ℓ: 156.60 b: 54.06

DATE: 1979/118 - 1979/118 | **LIVETIME:** 1389.2s | **ROLL ANGLE:** 54.3°

NH: 1.1E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2301	1	10 35 39.4	53 46 02	35	0.0366	0.0063	37.9	4.1	5.9	0.9	0	0.4	H	G



ETA CARINA FOLLOW-UP

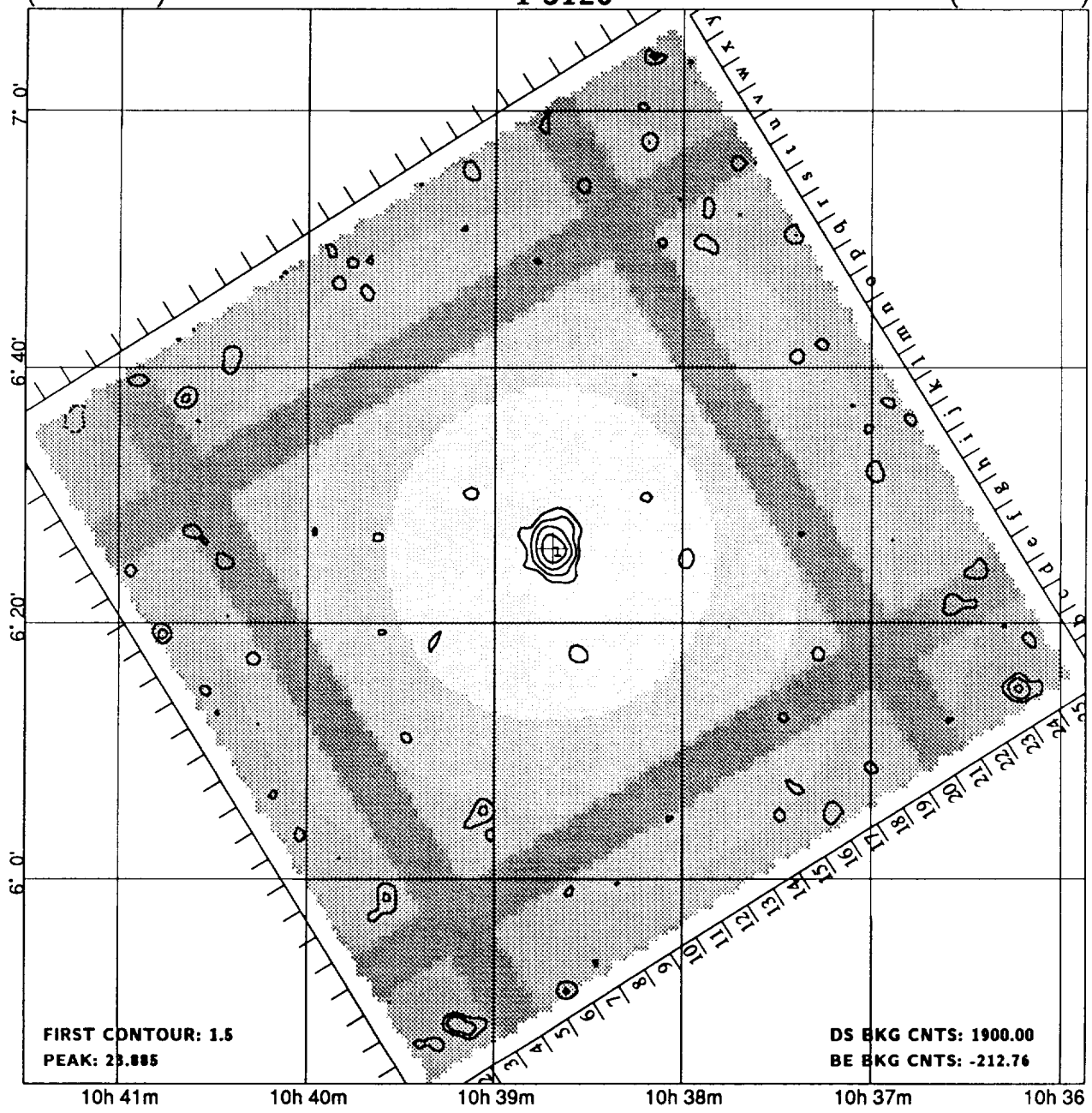
FIELD CENTER: $10^h38^m40.0^s$ -59°24'59" (B1950) | $10^h40^m34.7^s$ -59°40'40" (J2000) | ℓ: 287.10 b: -0.89

DATE: 1979/194 - 1979/194 | **LIVETIME:** 4698.9s | **ROLL ANGLE:** 43.0°

NH: 1.5E+21 | **REF/ID:** * | **FIELD FLAGS:** L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2302	1L	10 37 16.9	-59 31 05	42	0.0172	0.0037	50.1	28.9	4.6	169.5	0	12.2		
2312	2L	10 42 00.8	-59 16 50	48	*0.063	0.011	122.6	73.9	5.7	36.8	703	27.0	A	S
2313	3L	10 42 14.9	-59 27 25	47	*0.120	0.015	225.9	78.3	7.9	26.2	904	27.4	A	S
2318	4L	10 43 08.1	-59 24 53	48	*0.095	0.014	130.6	87.6	6.6	24.2	501	34.1	A	*

(10h 38m) **I 5126** (10h 38m)



QSO 4C06.41

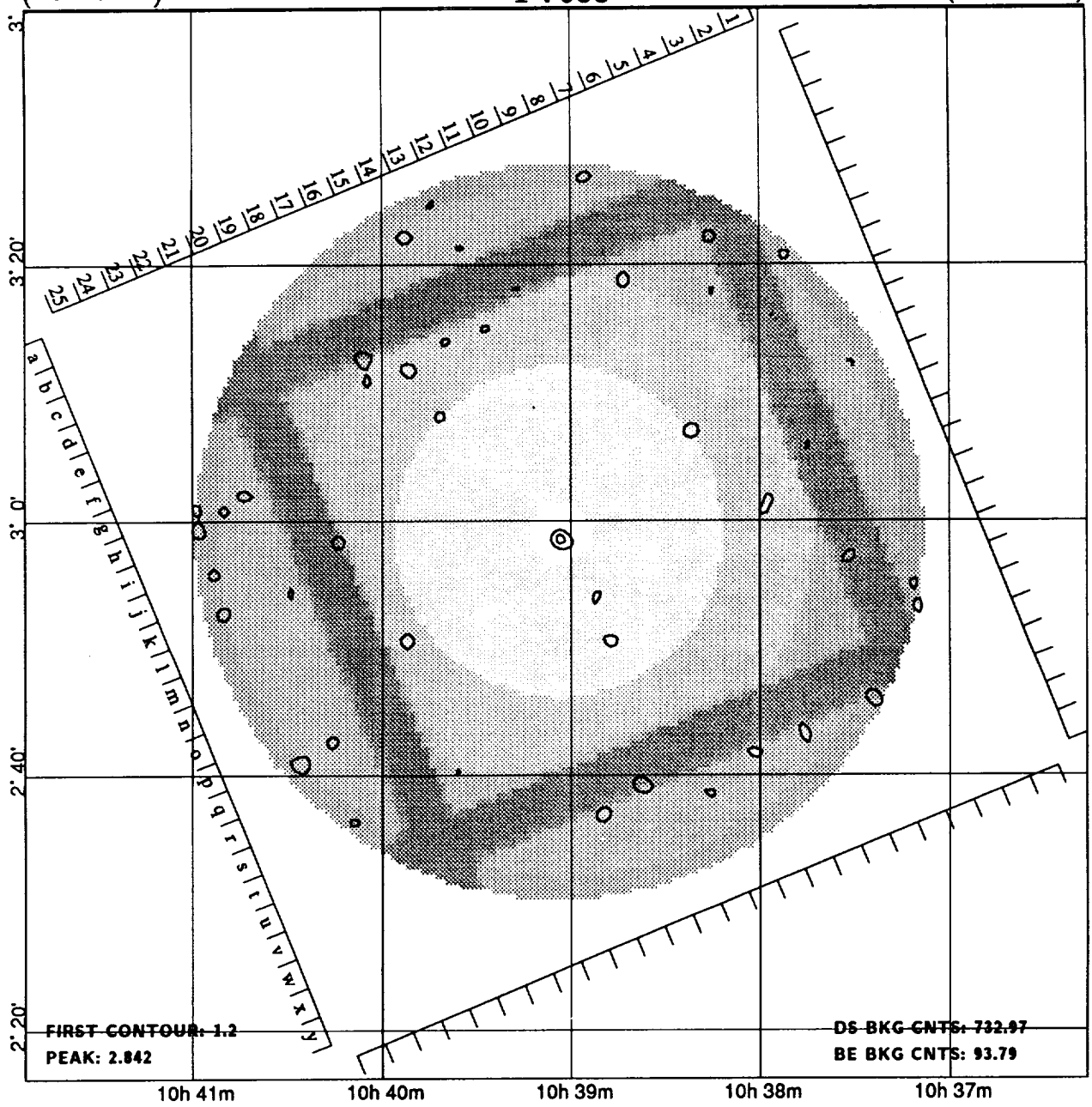
FIELD CENTER: $10^h38^m41.0^s$ $06°25'57''$ (B1950)
$10^h41^m17.2^s$ $06°10'16''$ (J2000)
ℓ: 241.11 b: 52.65

DATE: 1979/338 - 1979/338
LIVETIME: 1539.6s
ROLL ANGLE: -122.0°

NH: 2.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2303	1	10 38 41.4	06 25 51	31	0.0768	0.0084	88.0	4.0	9.2	1.3	0	0.2	H	Q

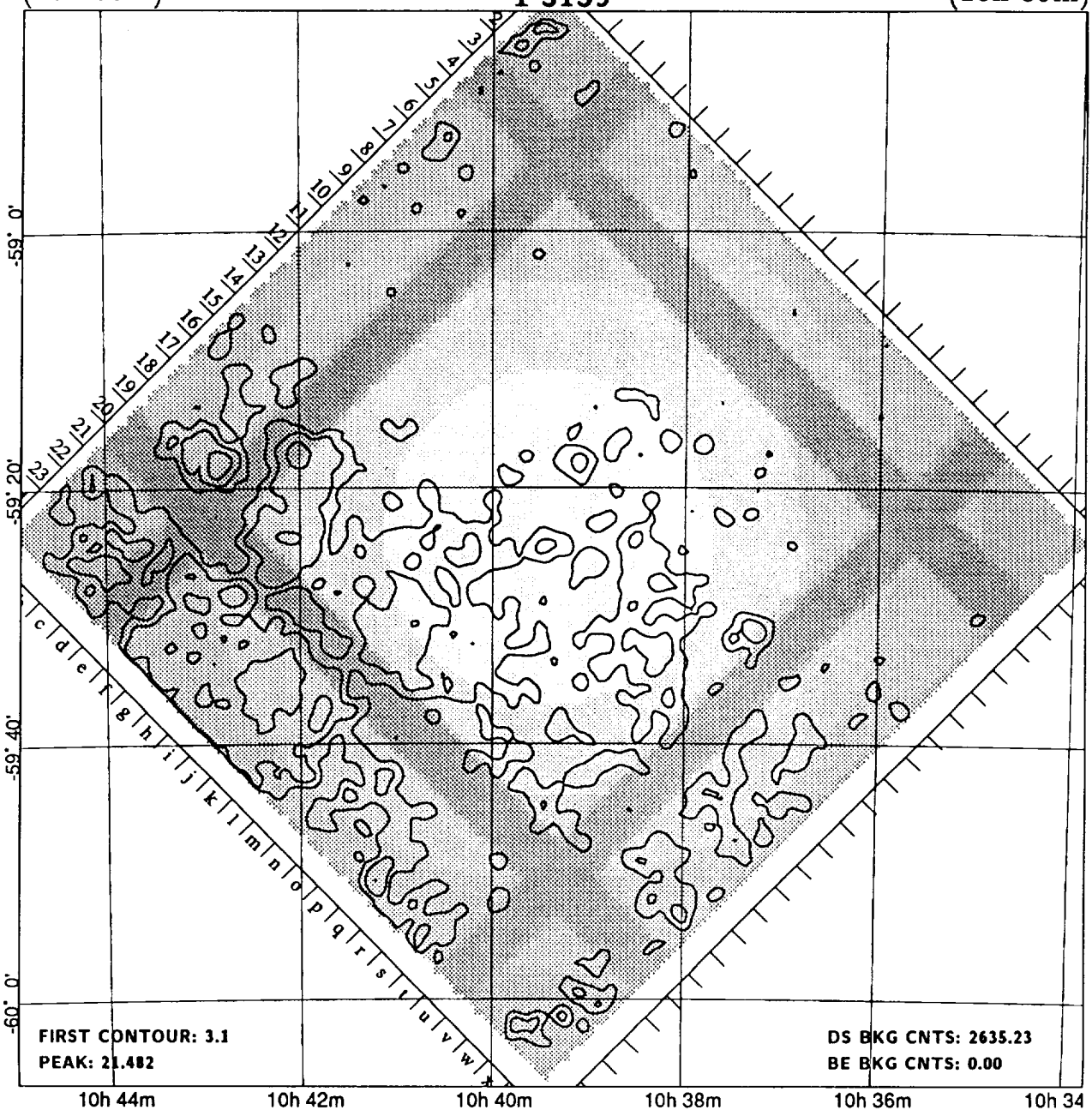
(10h 39m) **I 7633** (10h 39m)



1039+02,LOW FREQUENCY VARIABLES

FIELD CENTER:	$10^h39^m04.5^s$ $02°58'10''$ (B1950)	DATE: 1980/153 - 1980/153	NH: 3.5E+20
	$10^h41^m39.3^s$ $02°42'28''$ (J2000)	LIVETIME: 593.9s	REF/ID:
	ℓ: 245.50 b: 50.51	ROLL ANGLE: 67.8°	FIELD FLAGS:

(10h 39m) **I 3139** (10h 39m)

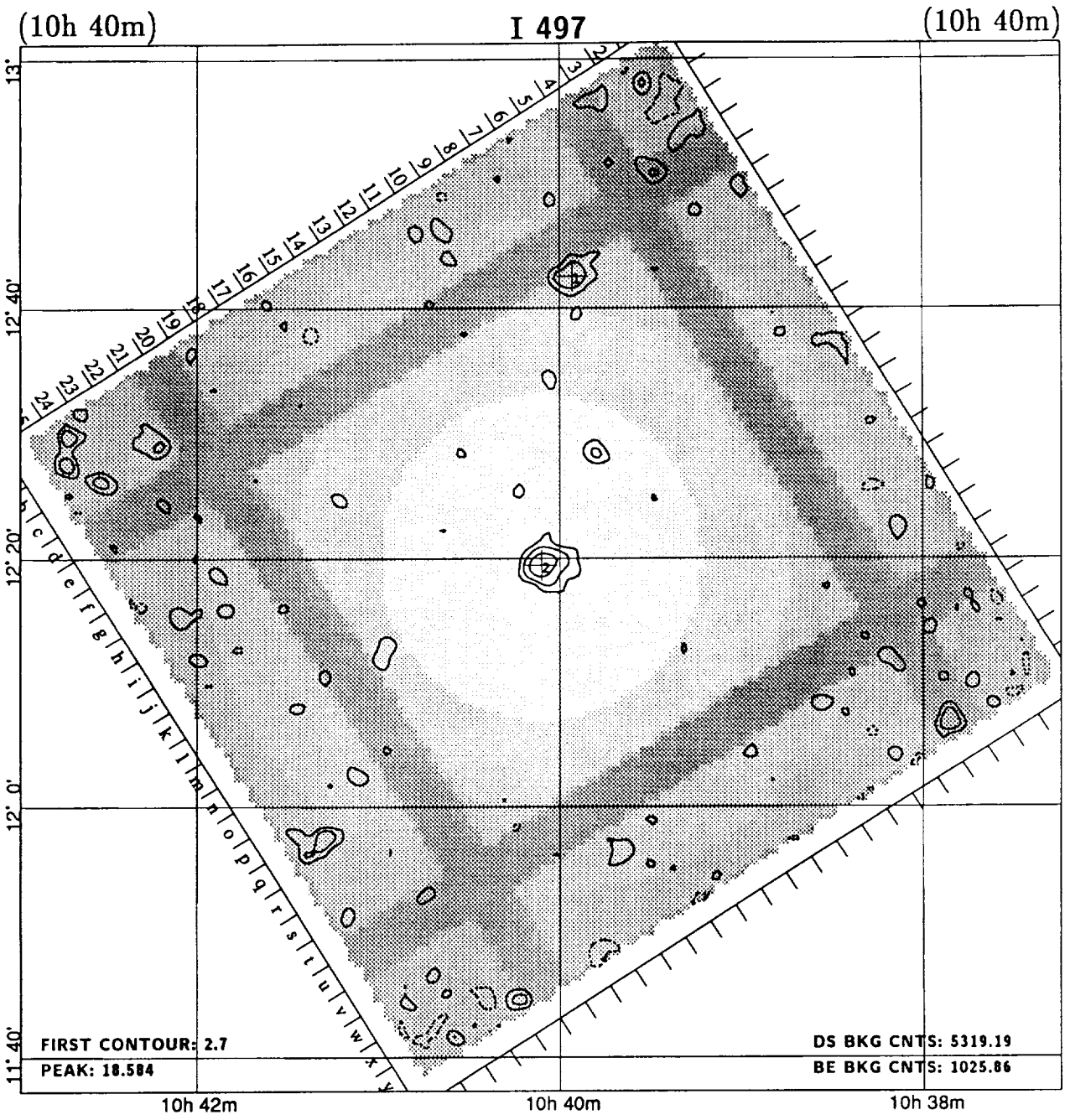


CORONAL EMISSION FROM OB SUPERGIANTS: HD 92740

FIELD CENTER: $10^h39^m23.0^s$ -59°24′53″ (B1950)
$10^h41^m18.0^s$ -59°40′35″ (J2000)
ℓ: 287.17 b: -0.85

DATE: 1979/192 - 1979/192
LIVETIME: 2135.4s
ROLL ANGLE: 45.1°

NH: 1.5E+21
REF/ID:
FIELD FLAGS: LS



3CR 245 (QSO 1040+123) QUASAR SURVEY

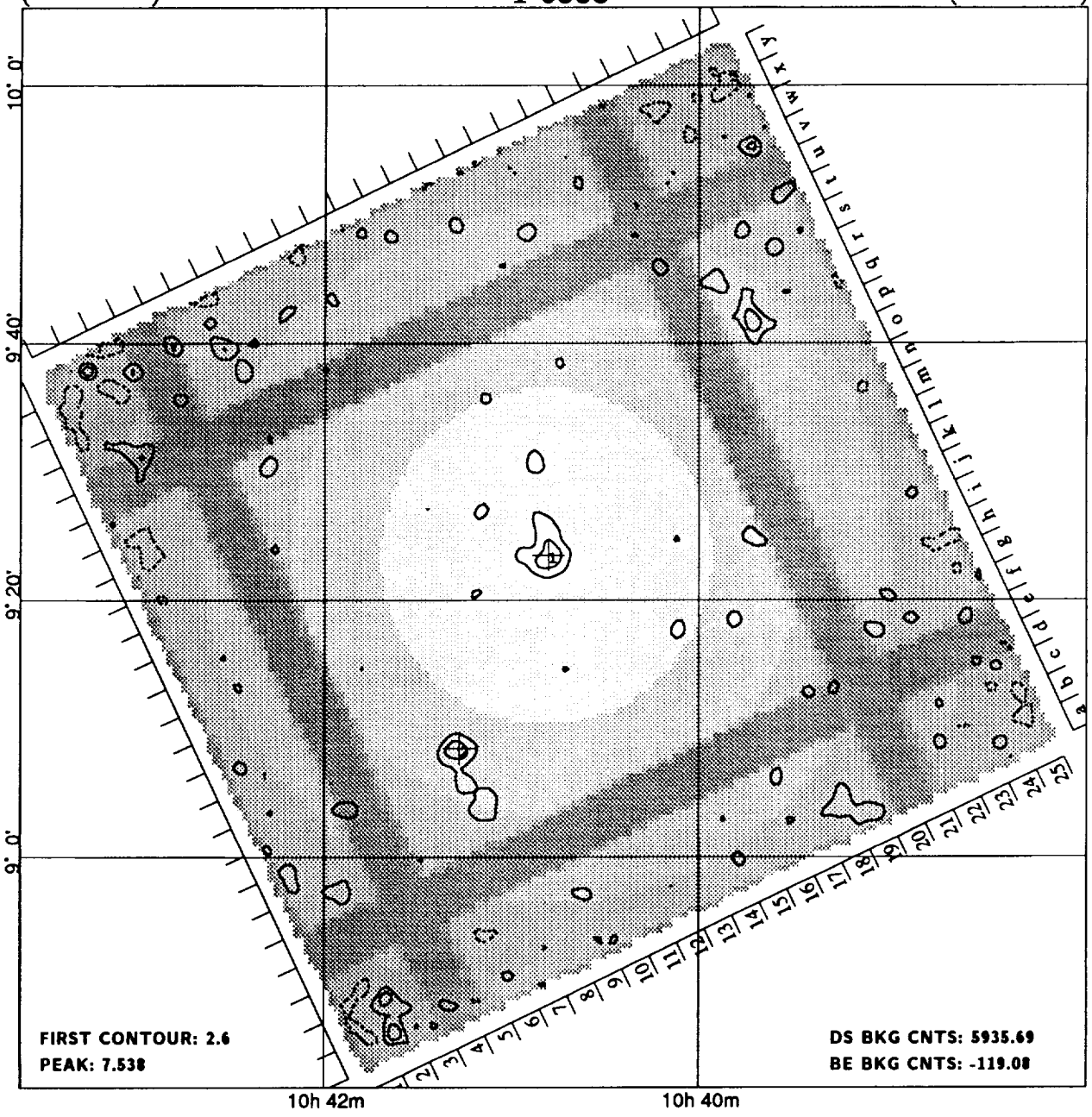
FIELD CENTER: $10^h40^m06.1^s$ $12°19'14''$ (B1950) | $10^h42^m44.7^s$ $12°03'31''$ (J2000) | ℓ: 233.12 b: 56.30

DATE: 1980/145 - 1980/145 | **LIVETIME:** 4310.3s | **ROLL ANGLE:** 57.8°

NH: 2.9E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2304	1	10 39 55.7	12 42 32	55	*0.0128	0.0029	25.9	8.1	4.4	1.1	704	23.4	H	
2306	2	10 40 06.1	12 19 28	32	0.0220	0.0029	70.9	16.1	7.6	1.2	0	0.2	H	Q

(10h 40m) **I 6535** (10h 40m)



JUPITER

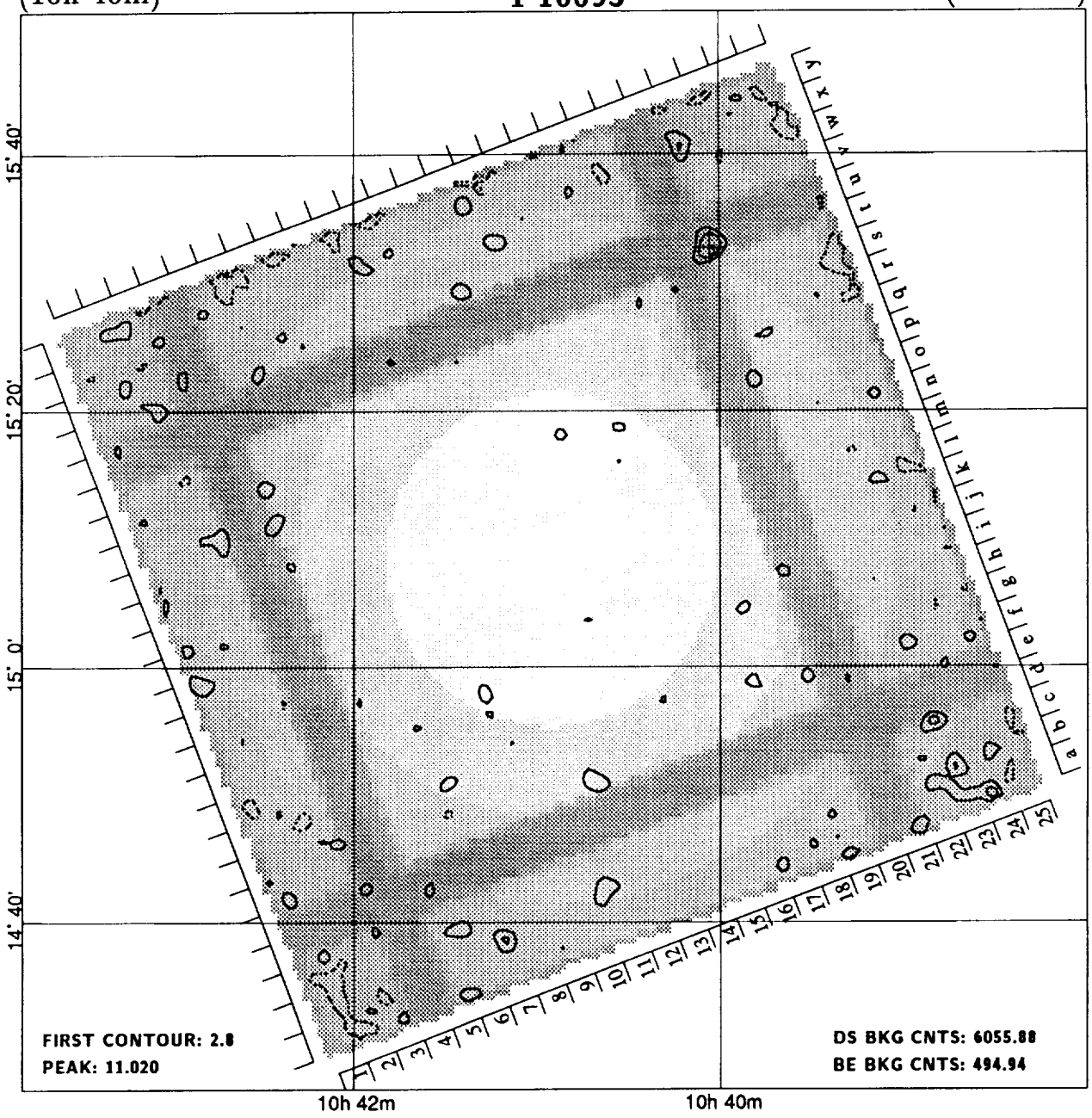
FIELD CENTER: $10^h40^m47.0^s$ 09°24′03″ (B1950)
$10^h43^m24.4^s$ 09°08′19″ (J2000)
ℓ: 237.61 b: 54.84

DATE: 1979/328 - 1979/328
LIVETIME: 4809.9s
ROLL ANGLE: -115.4°

NH: 2.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2307	1	10 40 48.1	09 23 29	36	0.0095	0.0019	34.0	14.0	4.9	1.5	0	1.1	H	
2311	2	10 41 16.6	09 08 28	54	0.0089	0.0022	24.4	11.6	4.1	1.0	0	17.2	H	

(10h 40m) **I 10093** (10h 40m)



NGC 3346,SERSIC-PASTORIZA GALAXIES

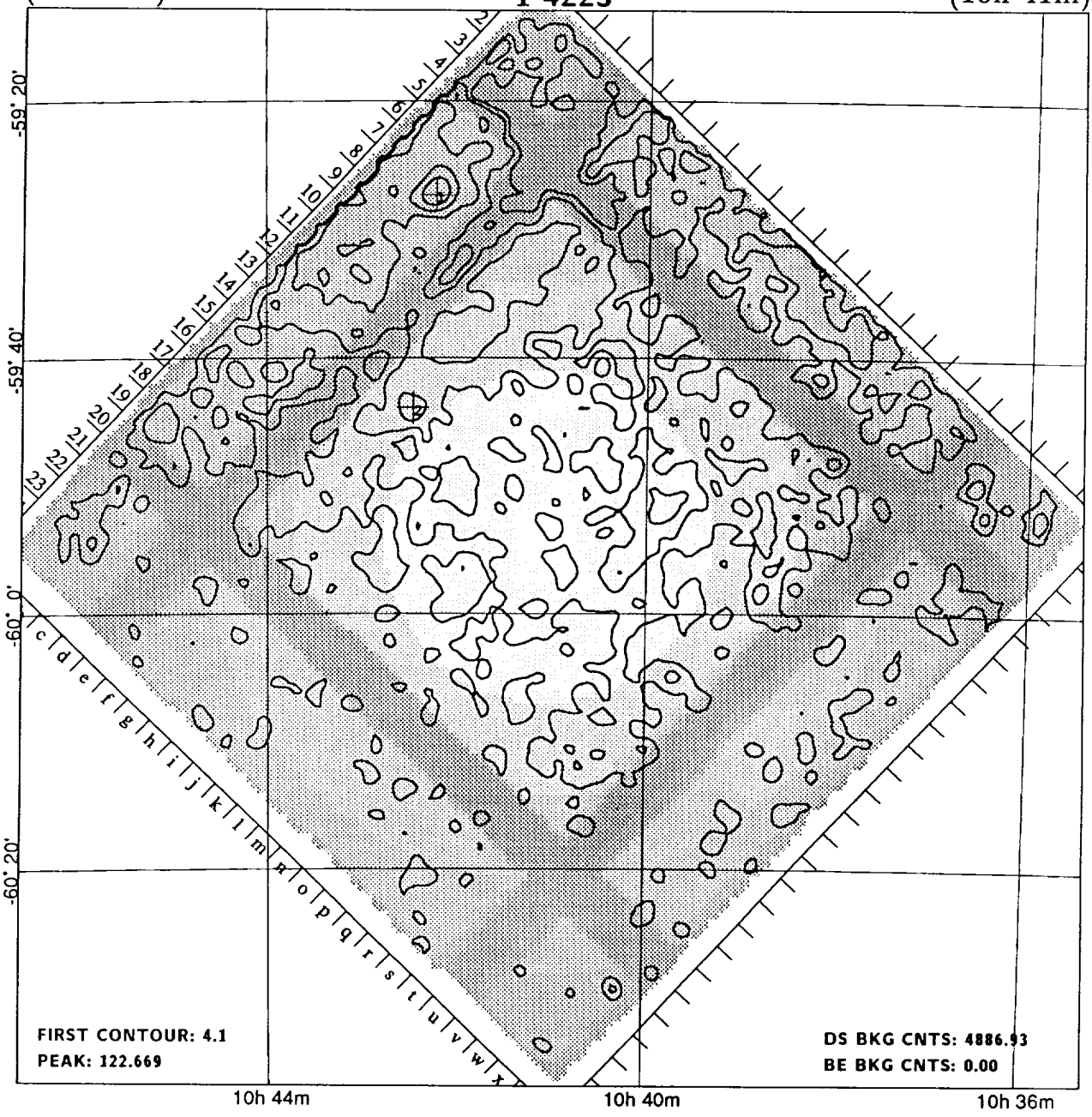
FIELD CENTER: $10^h40^m54.0^s$ $15°09'05''$ **(B1950)** | $10^h43^m33.7^s$ $14°53'20''$ **(J2000)** | ℓ: 228.77 b: 57.87

DATE: 1980/346 - 1980/346 | **LIVETIME:** 4907.3s | **ROLL ANGLE:** -110.7°

NH: 2.9E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2305	1	10 40 03.2	15 32 39	56	*0.0105	0.0027	20.3	6.7	3.9	0.8	1409	26.3		

(10h 41m) **I 4223** (10h 41m)



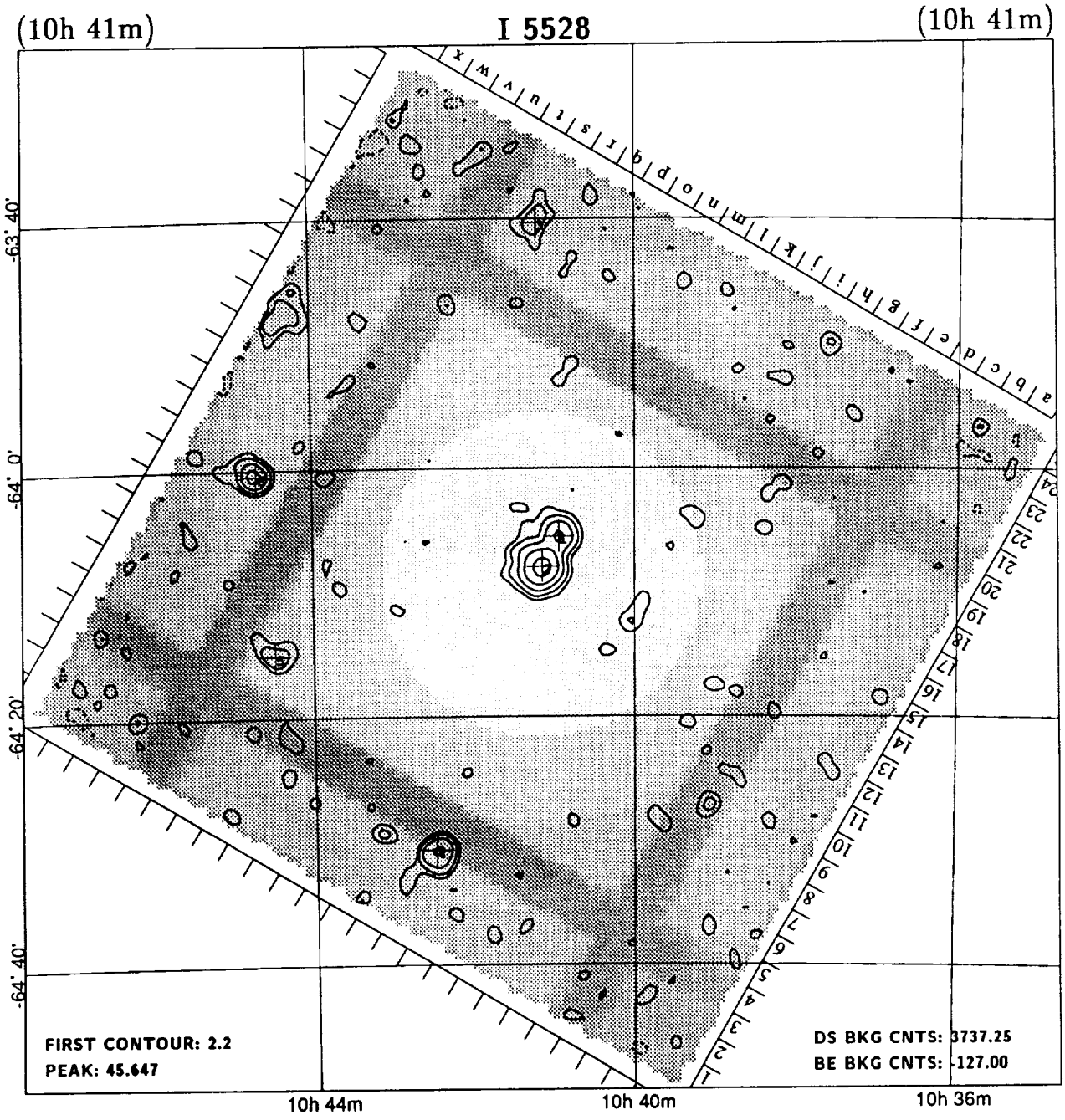
ETA CARINA FOLLOW-UP

FIELD CENTER: $10^h41^m00.0^s$ -59°54′59″ (B1950)
$10^h42^m55.0^s$ -60°10′44″ (J2000)
ℓ: 287.59 b: -1.19

DATE: 1979/194 - 1979/194
LIVETIME: 3960.0s
ROLL ANGLE: 43.4°

NH: 1.5E+21
REF/ID: *
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2313	1L	10 42 13.6	-59 27 14	47	0.131	0.012	195.9	59.1	10.4	21.7	0	29.3	A	S
2315	2L	10 42 27.8	-59 43 52	50	0.0220	0.0053	51.9	50.1	4.1	89.4	0	15.5	A	



Theta CAR

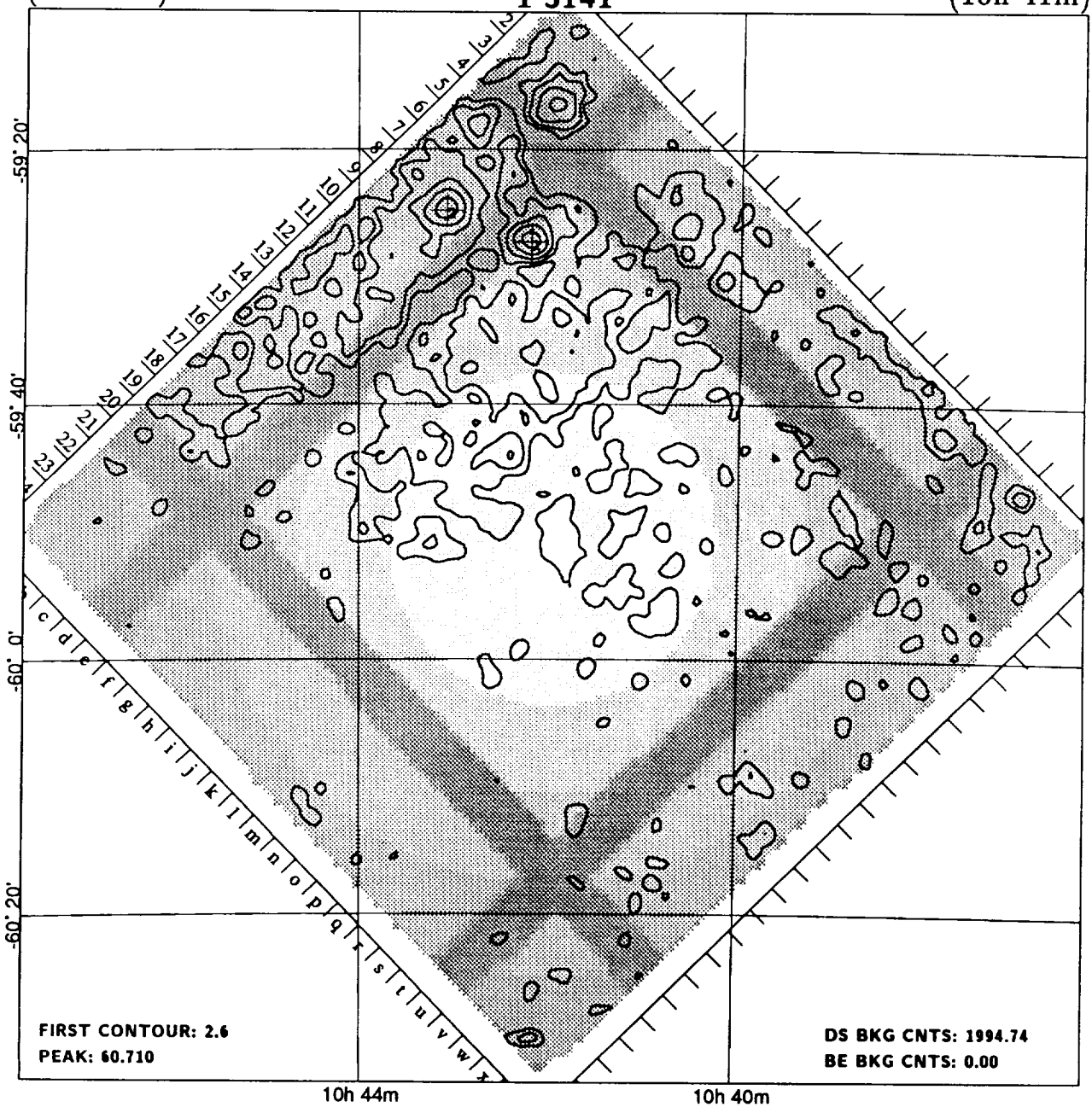
FIELD CENTER: $10^h41^m10.0^s$ $-64°07'59''$ (B1950)
$10^h42^m57.5^s$ $-64°23'44''$ (J2000)
ℓ: 289.60 b: -4.90

DATE: 1981/ 25 - 1981/ 25
LIVETIME: 3028.4s
ROLL ANGLE: -149.5°

NH: 1.2E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2308	1L	10 40 56.5	-64 05 26	32	0.0224	0.0053	49.2	40.8	4.1	4.3	0	3.2	H	
2309	2	10 41 09.0	-64 07 53	31	0.0887	0.0064	200.0	9.0	13.8	1.7	0	0.2	H	
2310	3	10 41 12.1	-63 40 21	56	0.0146	0.0041	16.7	5.3	3.6	1.1	0	27.3	H	
2316	4	10 42 29.9	-64 30 44	50	*0.0364	0.0054	49.6	5.4	6.7	1.1	907	24.0	H	
2325	5	10 44 28.8	-64 14 57	55	0.0127	0.0034	18.0	6.0	3.7	0.9	300	22.9	H	
2327	6	10 44 41.0	-64 00 29	50	0.0319	0.0052	42.3	5.7	6.1	1.0	0	24.2	H	

(10h 41m) **I 3141** (10h 41m)



CORONAL EMISSION FROM OB SUPERGIANTS: HD 93131

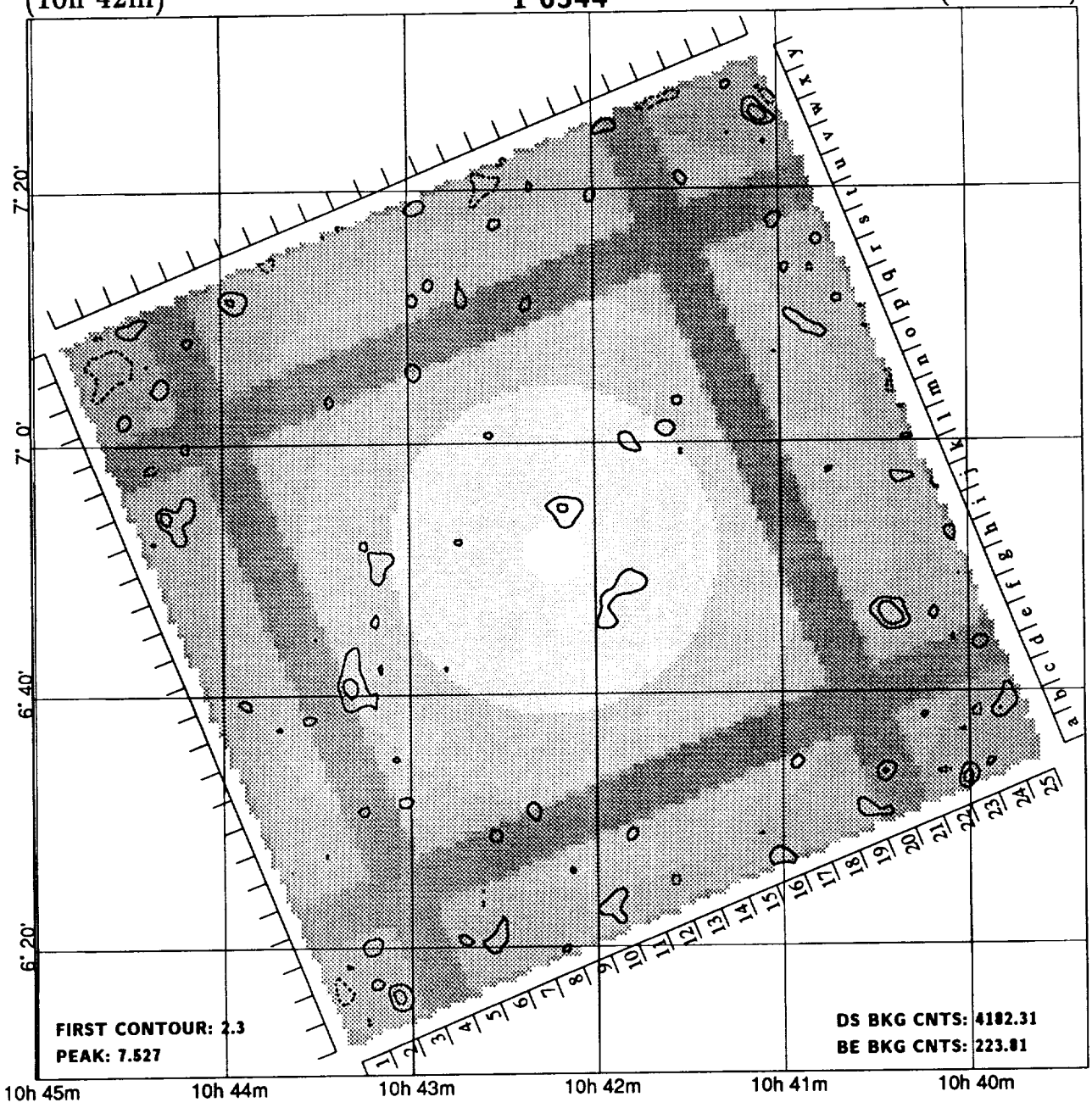
FIELD CENTER: $10^h41^m56.9^s$ -59°51′17″ (B1950)
$10^h43^m52.4^s$ -60°07′03″ (J2000)
ℓ: 287.67 b: -1.08

DATE: 1979/192 - 1979/192
LIVETIME: 1616.4s
ROLL ANGLE: 45.6°

NH: 1.5E+21
REF/ID: S
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2313	1L	10 42 11.4	-59 27 19	48	*0.172	0.023	127.5	16.5	7.4	13.5	703	24.1	A	S
2318	2L	10 43 04.8	-59 24 52	48	0.173	0.022	111.3	33.7	7.8	11.6	100	27.8	A	*

(10h 42m) **I 6344** (10h 42m)



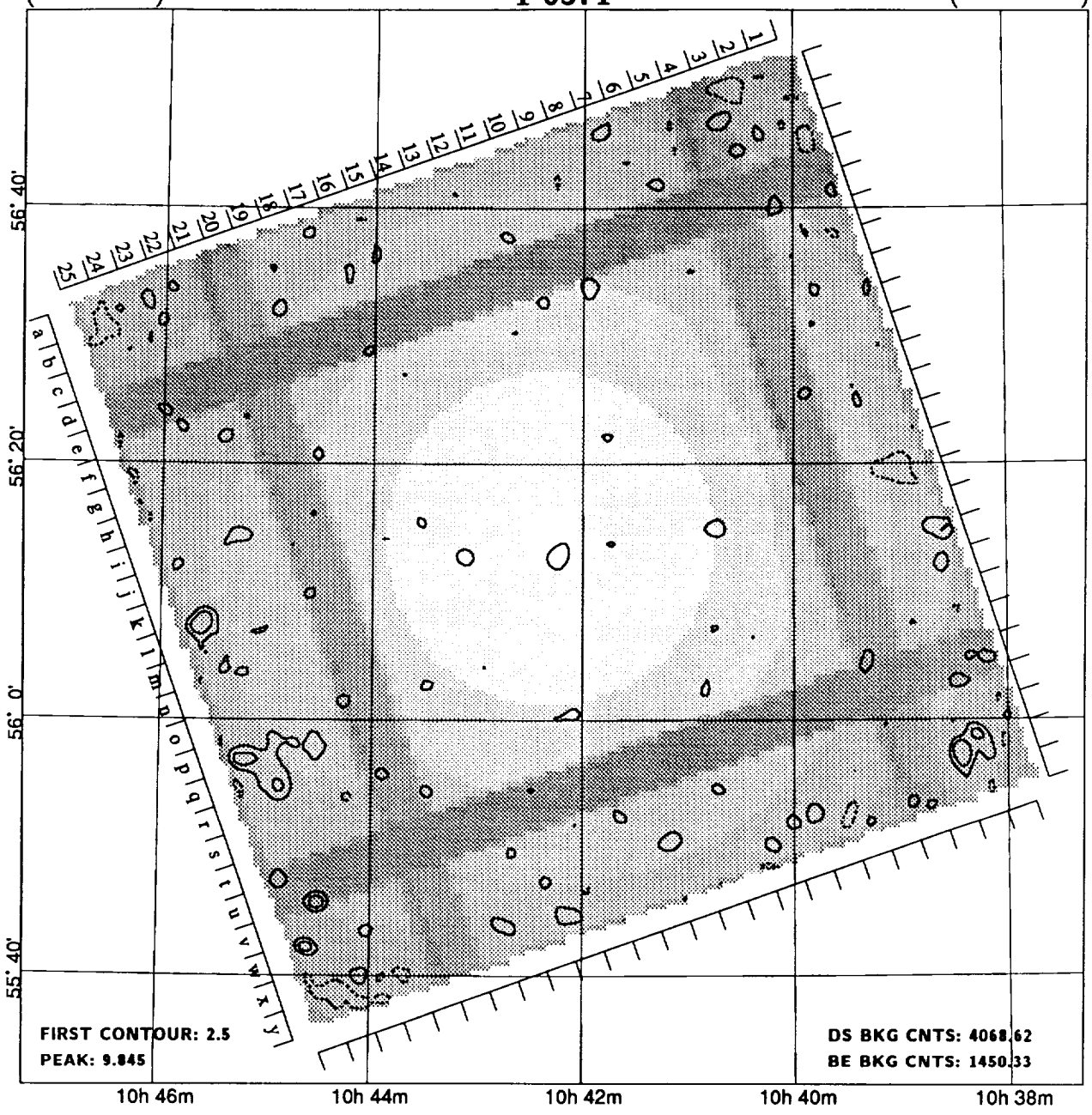
N 3362,EMISSION LINE GALAXY SURVEY

FIELD CENTER: $10^h42^m12.0^s$ 06°51'59" (B1950)
$10^h44^m48.3^s$ 06°36'13" (J2000)
ℓ: 241.44 b: 53.61

DATE: 1979/339 - 1979/339
LIVETIME: 3389.0s
ROLL ANGLE: -112.2°

NH: 2.7E+20
REF/ID:
FIELD FLAGS:

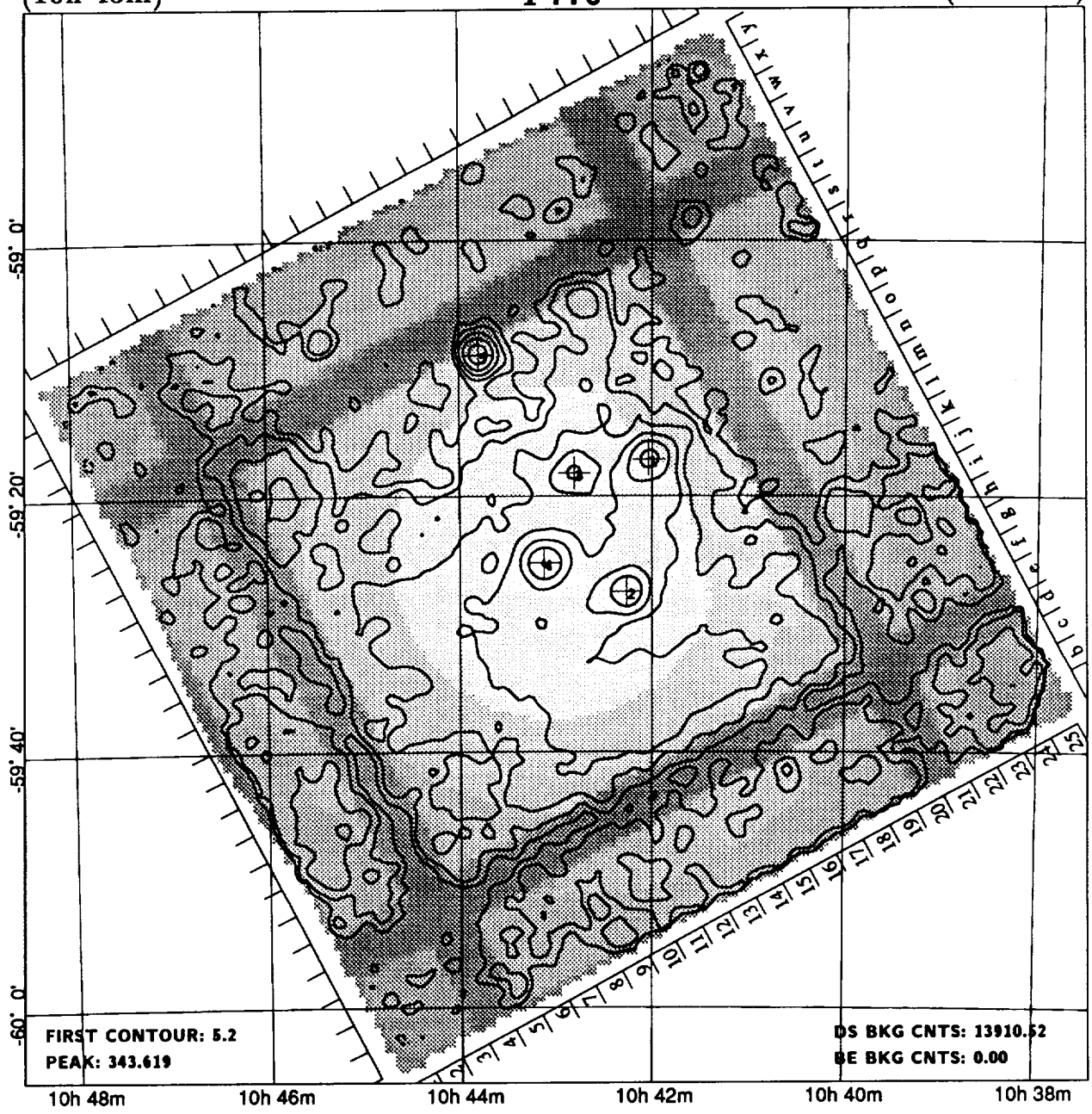
(10h 42m) **I 6371** (10h 42m)



N 3353,EMISSION LINE GALAXY SURVEY

FIELD CENTER:	$10^h42^m17.0^s$ 56°13′35″ (B1950)	DATE: 1980/145 - 1980/145	NH: 6.2E+19
	$10^h45^m23.1^s$ 55°57′48″ (J2000)	LIVETIME: 3296.9s	REF/ID:
	ℓ: 152.30 b: 53.37	ROLL ANGLE: 70.9°	FIELD FLAGS: L

(10h 43m) **I 776** (10h 43m)



G287.8-0.5 SNR'S,SEARCH FOR X-RAY EMISSION

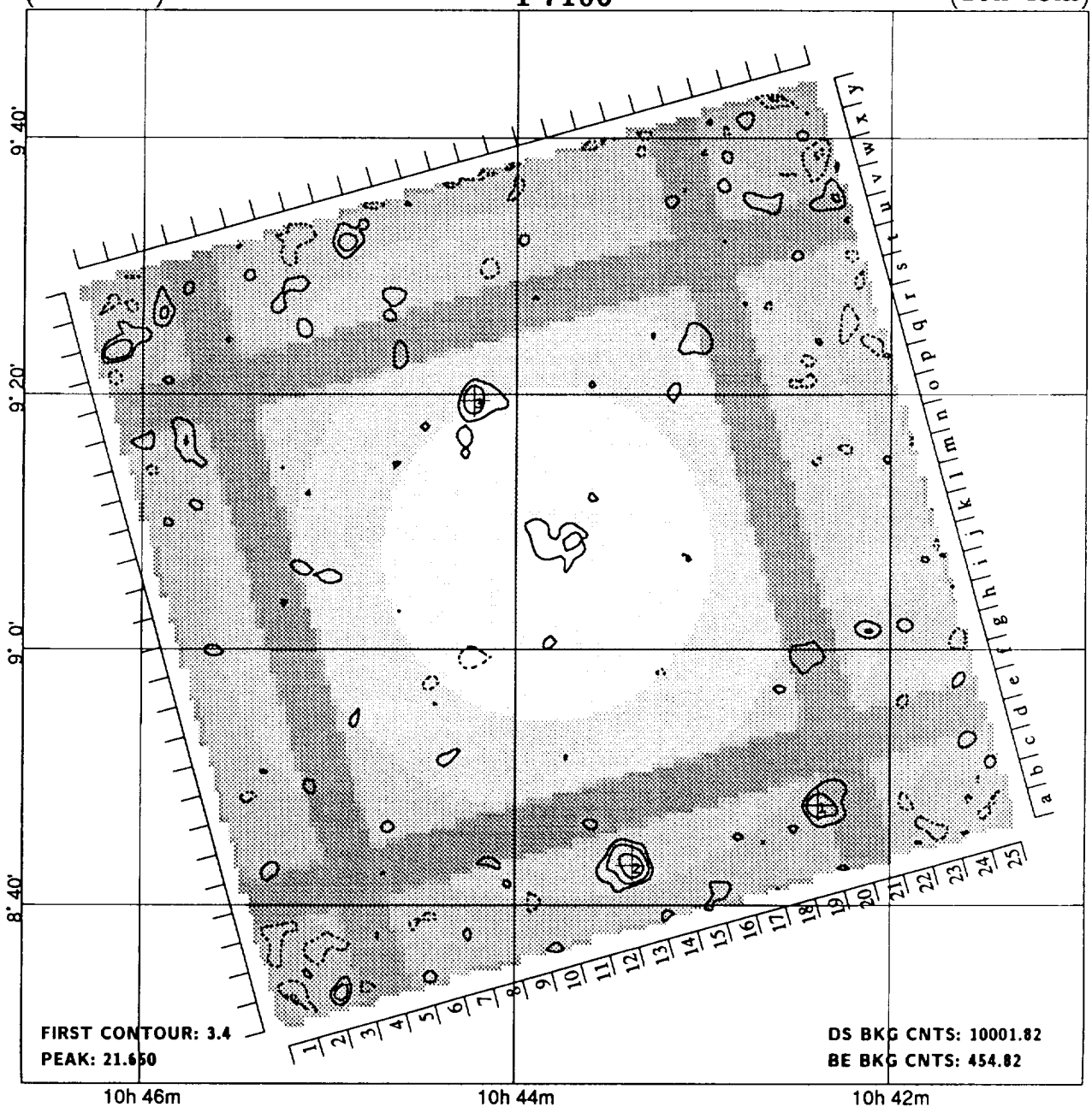
FIELD CENTER: $10^h43^m00.0^s$ -59°23′59″ (B1950)
$10^h44^m56.7^s$ -59°39′47″ (J2000)
ℓ: 287.57 b: -0.62

DATE: 1978/356 - 1978/356
LIVETIME: 11272.1s
ROLL ANGLE: -118.1°

NH: 1.5E+21
REF/ID: *
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2312	1L	10 42 02.2	-59 17 08	37	0.0772	0.0047	575.0	298.0	16.2	46.3	0	10.1	A	S
2313	2L	10 42 16.0	-59 27 27	37	0.1228	0.0055	973.2	389.8	22.2	31.7	0	6.6	A	S
2317	3L	10 42 48.5	-59 18 12	38	0.0285	0.0033	225.3	221.7	8.6	97.2	0	5.9		S
2318	4L	10 43 07.5	-59 25 13	31	0.1394	0.0056	1165.2	404.8	25.0	29.6	0	1.6	A	*
2321	5L	10 43 47.9	-59 08 58	47	*0.0581	0.0041	369.4	30.5	14.1	99.0	702	16.3		S

(10h 43m) **I 7106** (10h 43m)



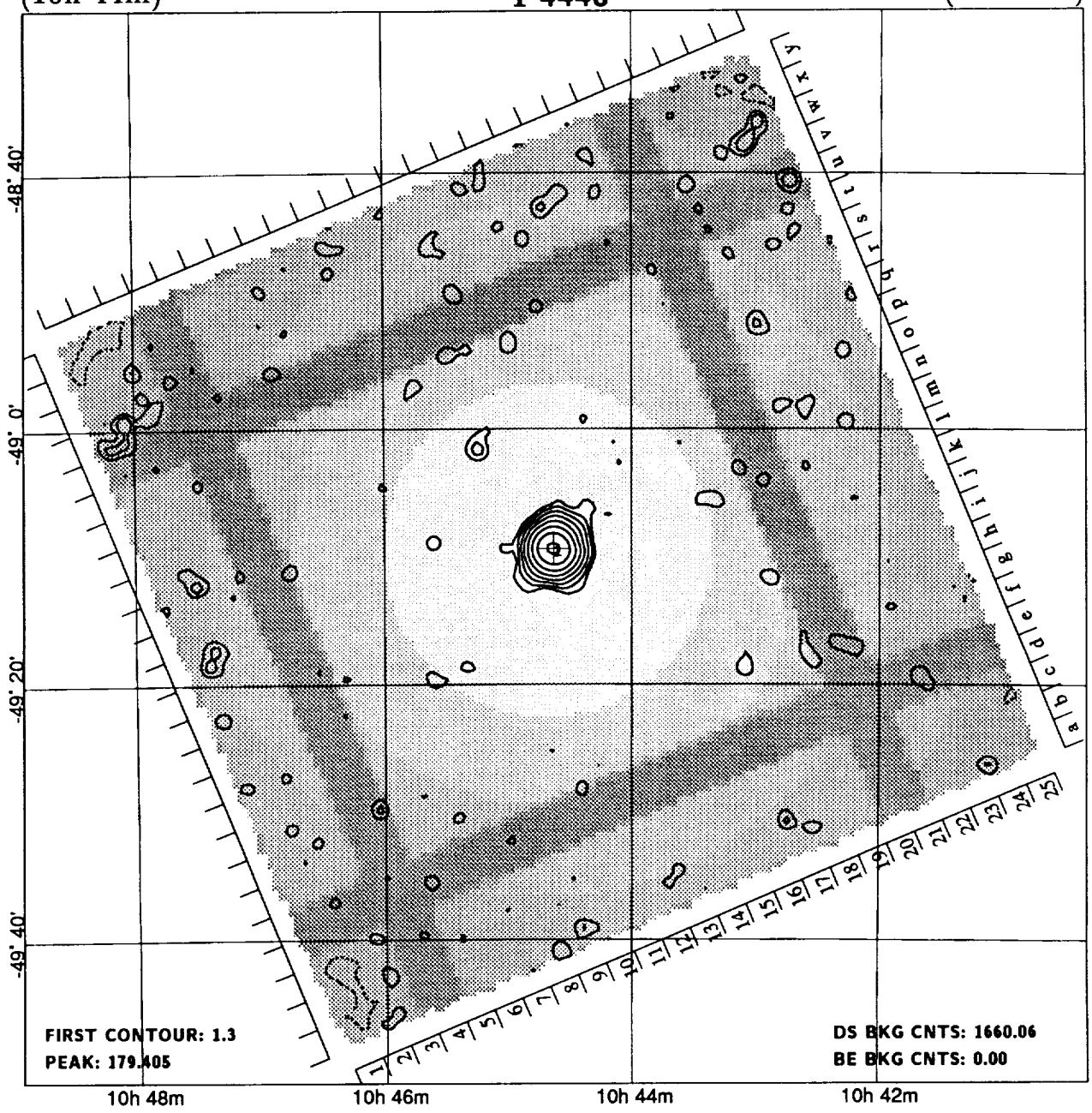
JUPITER

FIELD CENTER: $10^h43^m48.0^s$ 09°08′02″ (B1950)
$10^h46^m25.1^s$ 08°52′13″ (J2000)
ℓ: 238.74 b: 55.29

DATE: 1979/337 - 1979/337
LIVETIME: 8104.8s
ROLL ANGLE: -105.5°

NH: 2.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2314	1	10 42 22.8	08 47 52	56	0.0084	0.0022	24.8	16.2	3.9	1.4	500	28.8	H	
2320	2	10 43 22.3	08 43 09	50	0.0154	0.0024	53.4	16.6	6.4	1.1	0	25.4	H	
2324	3	10 44 13.6	09 19 31	42	0.0081	0.0016	40.4	21.6	5.1	1.0	0	13.2	H	



MU VEL, CORRELLATION OF X RAYS WITH STELLAR WIND AND ROTATION

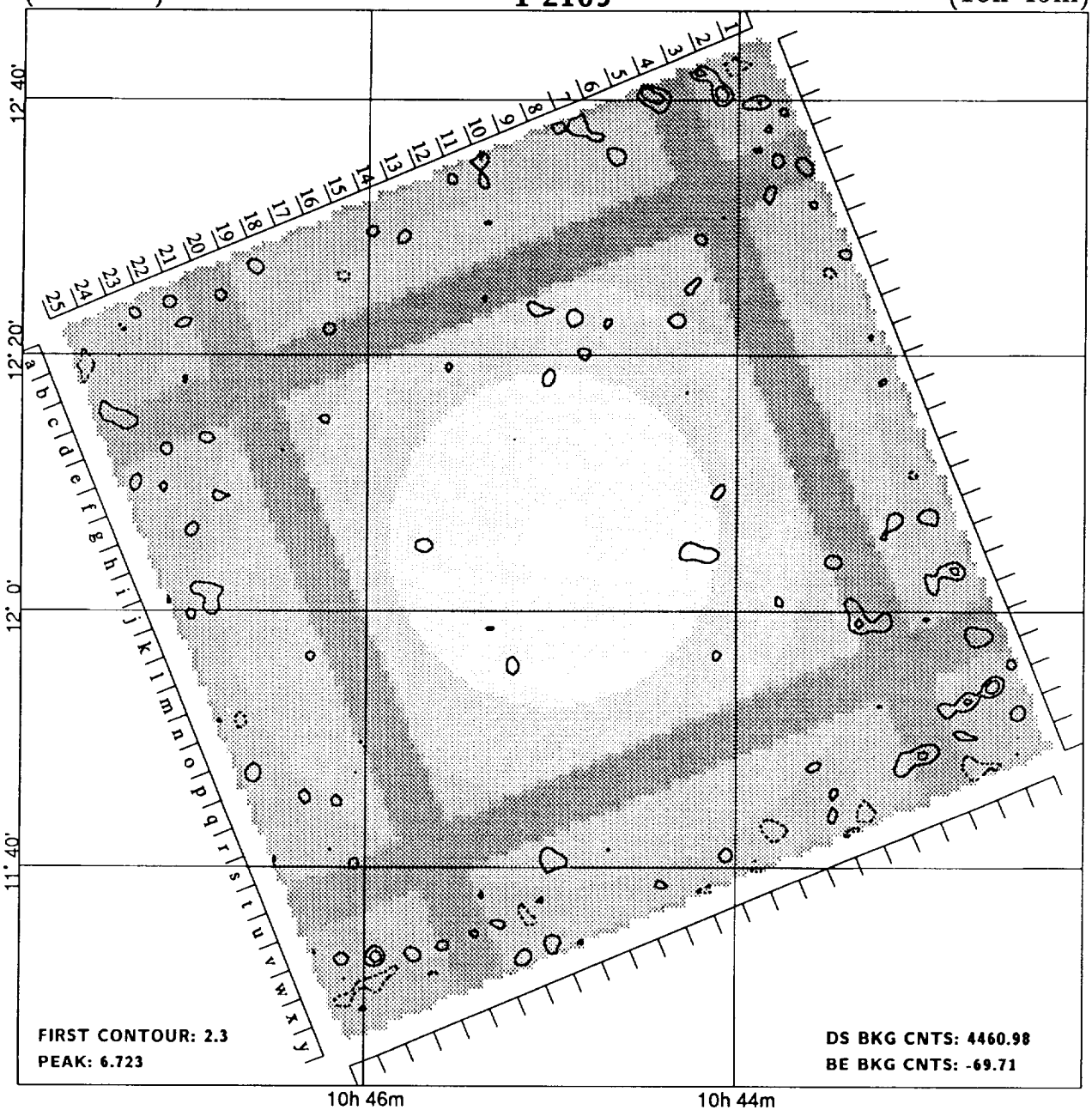
FIELD CENTER: $10^h44^m37.0^s$ -49°09'19" (B1950)
$10^h46^m46.0^s$ -49°25'09" (J2000)
ℓ: 283.03 b: 8.57

DATE: 1979/348 - 1979/348
LIVETIME: 1345.2s
ROLL ANGLE: -112.6°

NH: 1.4E+21
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2326	1L	10 44 38.0	-49 09 22	31	0.717	0.032	718.8	88.2	22.2	1.3	0	0.3		S

(10h 45m) **I 2109** (10h 45m)

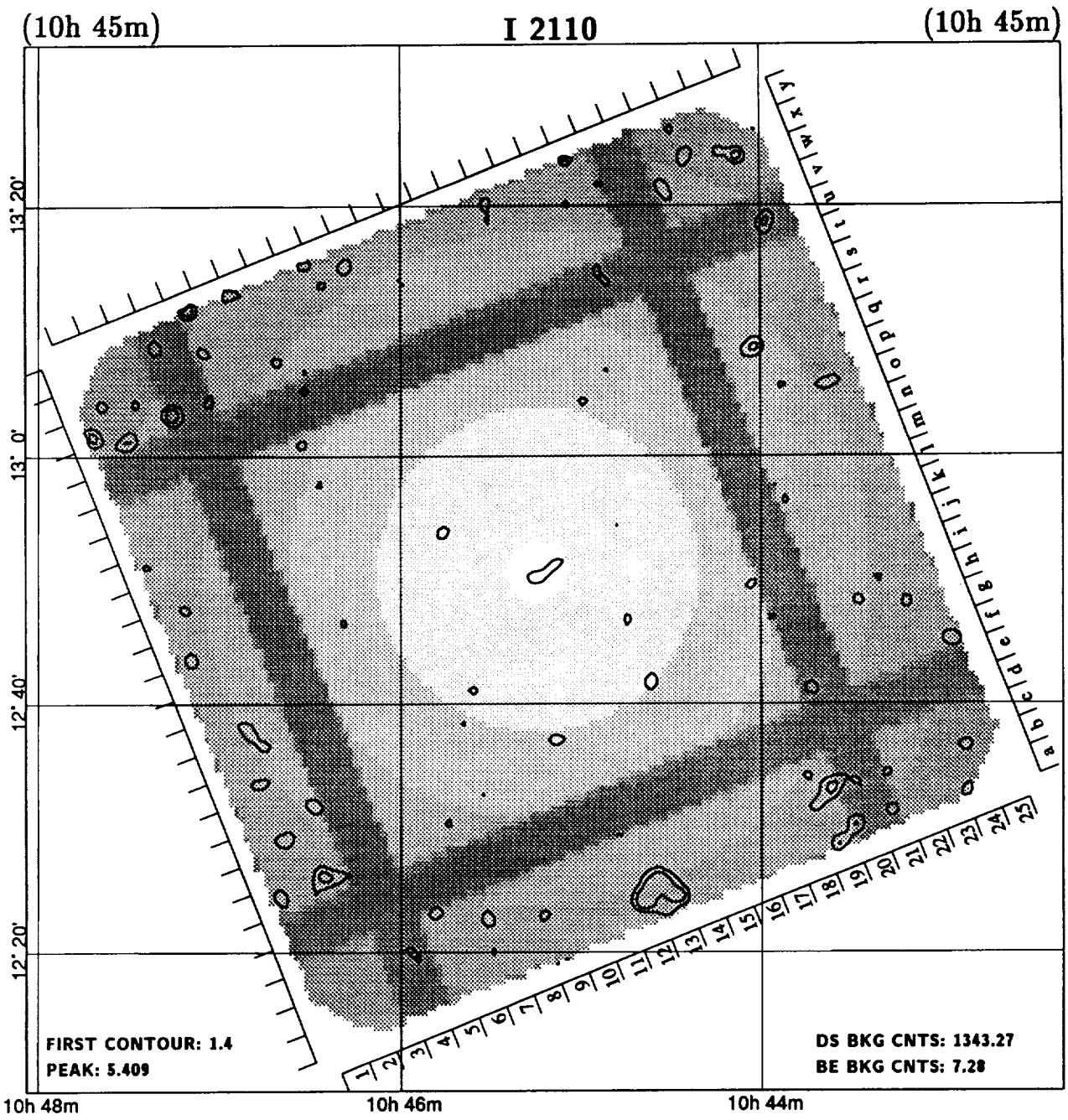


X-RAY SURVEY OF NORMAL GALAXIES: NGC3368=M96

FIELD CENTER: $10^h45^m00.0^s$ 12°04′52″ (B1950)
$10^h47^m38.2^s$ 11°49′01″ (J2000)
ℓ: 234.65 b: 57.19

DATE: 1980/148 - 1980/148
LIVETIME: 3614.9s
ROLL ANGLE: 67.6°

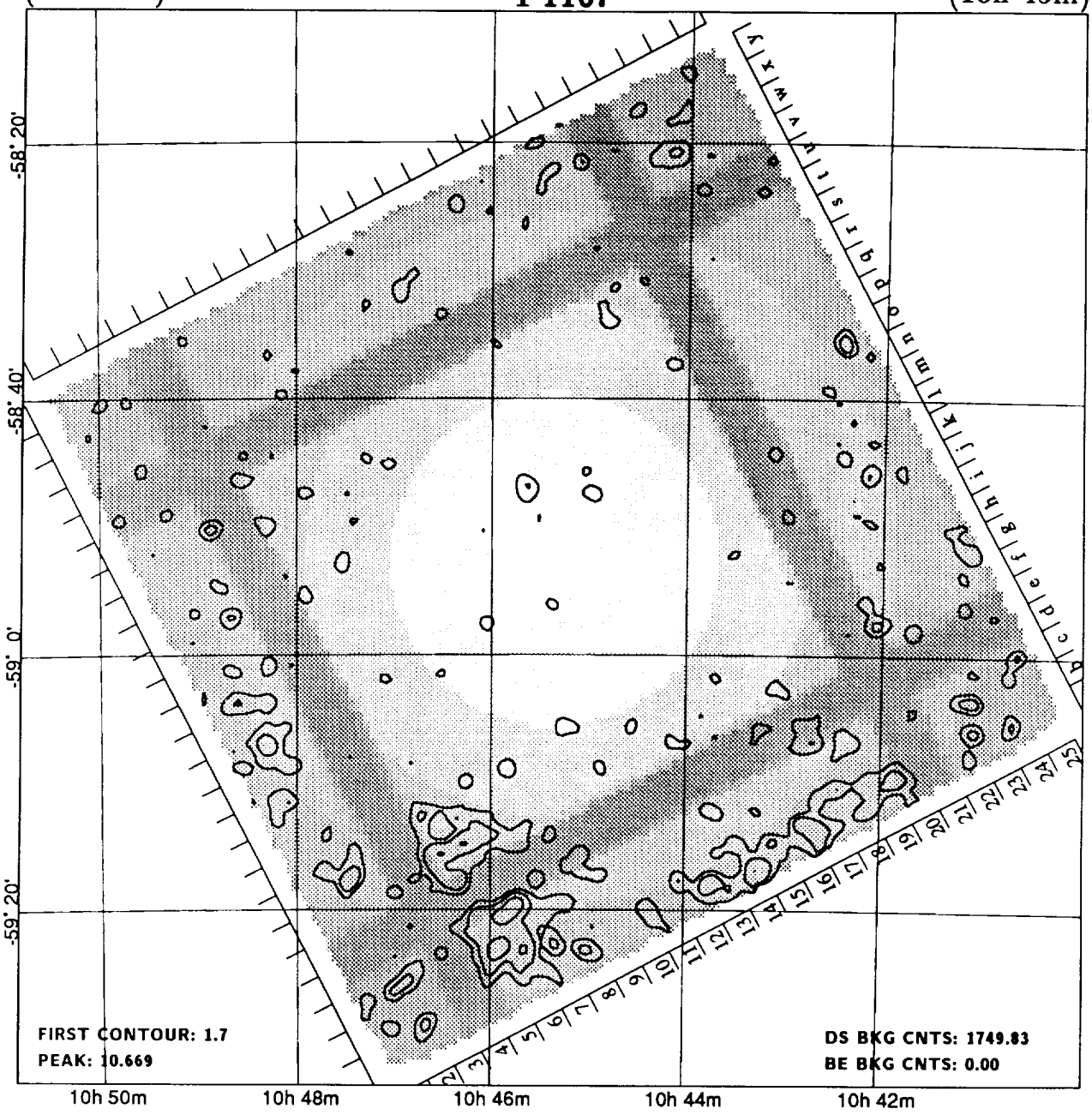
NH: 2.8E+20
REF/ID: !
FIELD FLAGS:



X-RAY SURVEY OF NORMAL GALAXIES: NGC3379=M105

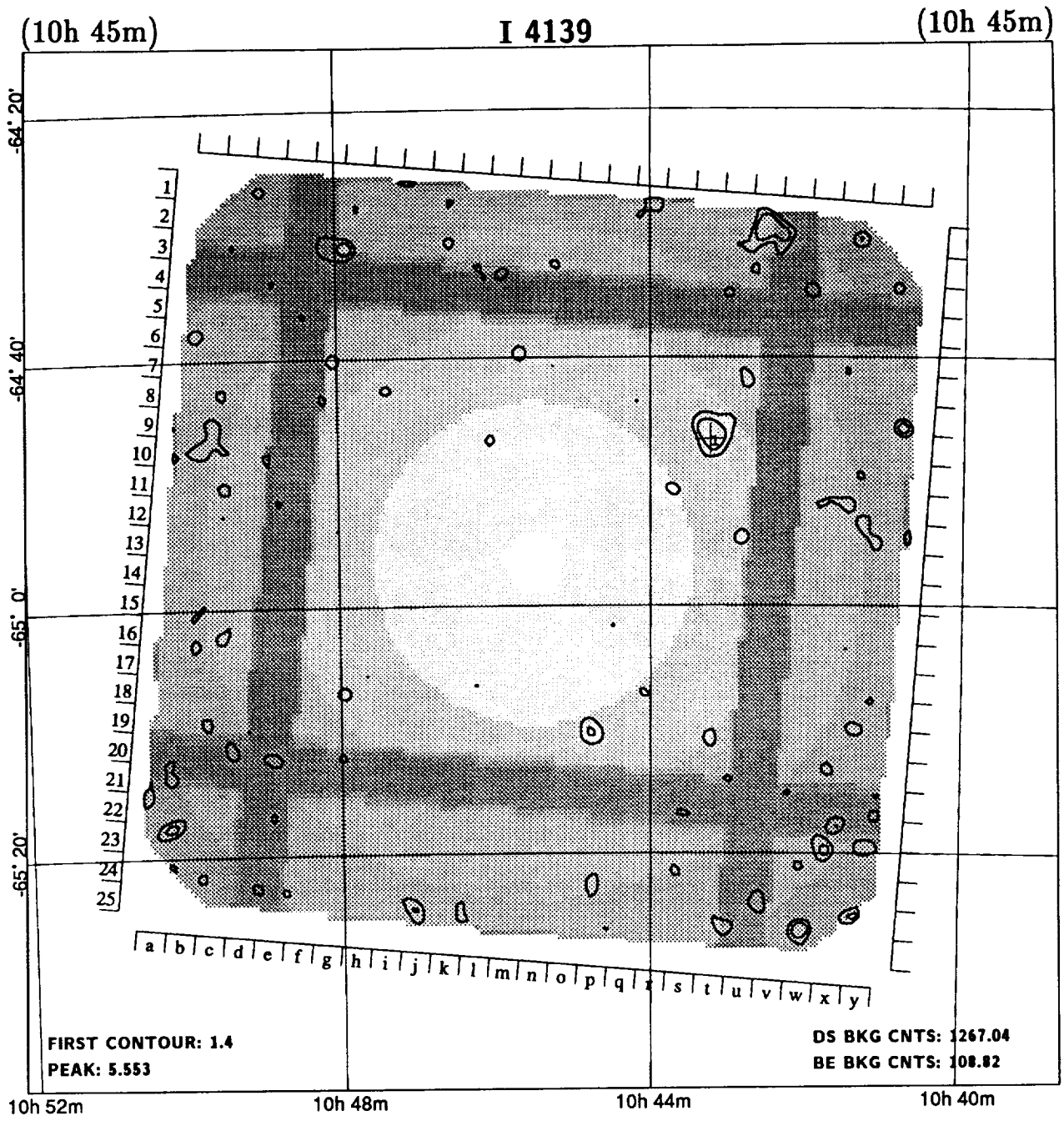
FIELD CENTER:	$10^h45^m12.0^s$ 12°50'59" (B1950)	DATE: 1979/342 - 1979/342	NH: 2.8E+20
	$10^h47^m50.5^s$ 12°35'09" (J2000)	LIVETIME: 1088.5s	REF/ID:
	ℓ: 233.49 b: 57.64	ROLL ANGLE: -111.6°	FIELD FLAGS:

(10h 45m) **I 1167** (10h 45m)



ETA CARINA GALACTIC PLANE SURVEY

FIELD CENTER:	$10^h45^m23.4^s$ -58°51′47″ (B1950)	**DATE:** 1978/356 - 1978/356	**NH:** 1.4E+21
	$10^h47^m22.0^s$ -59°07′38″ (J2000)	**LIVETIME:** 1417.9s	**REF/ID:** S
	ℓ: 287.60 b: 0.00	**ROLL ANGLE:** -117.8°	**FIELD FLAGS:** L



H1049-65 POSITION

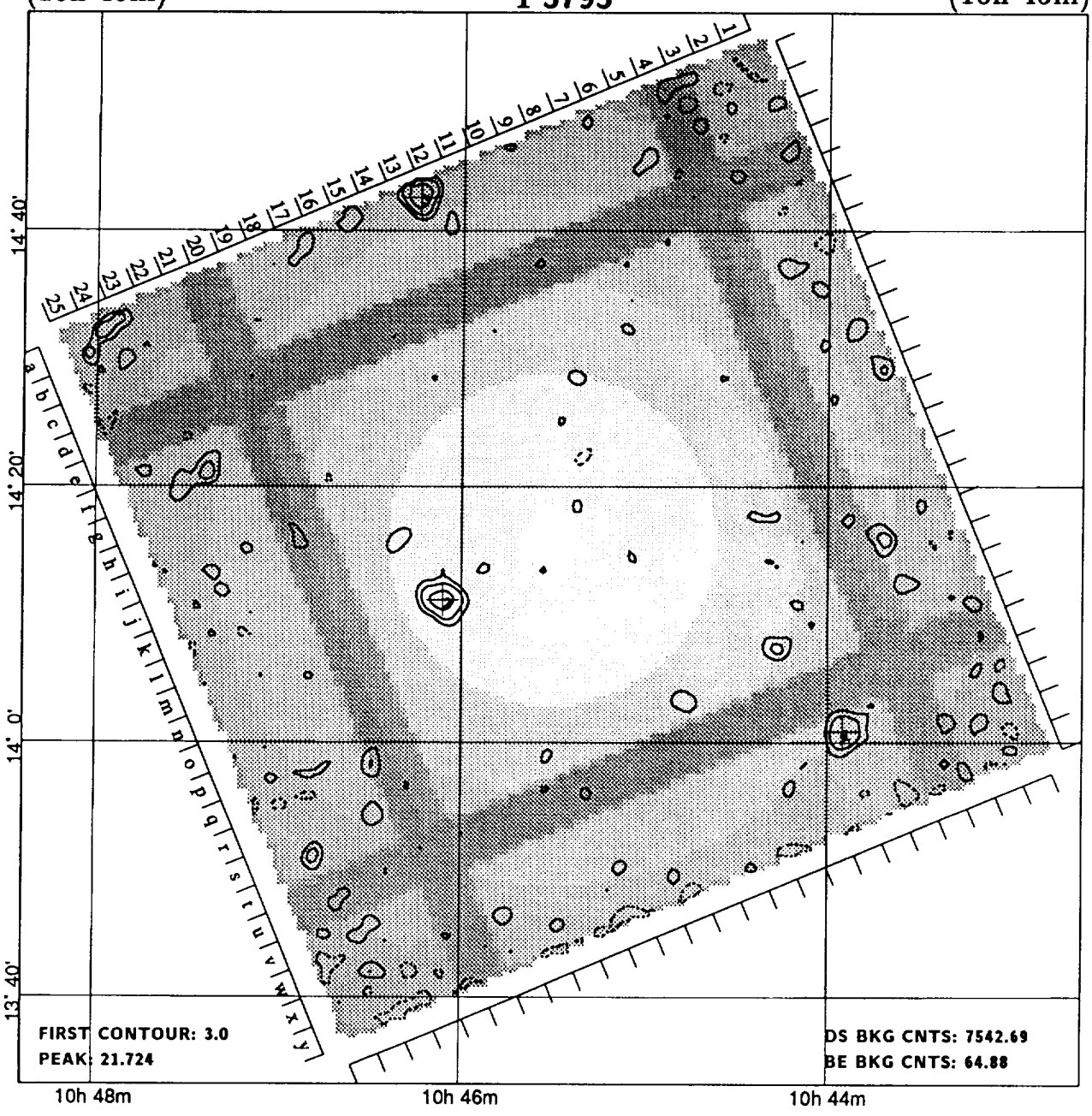
FIELD CENTER: $10^h45^m24.0^s$ $-64°56'59''$ (B1950)
$10^h47^m12.2^s$ $-65°12'50''$ (J2000)
ℓ: 290.38 b: -5.41

DATE: 1980/237 - 1980/237
LIVETIME: 1026.7s
ROLL ANGLE: 4.9°

NH: 1.2E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2319	1	10 43 13.7	-64 46 37	55	0.0323	0.0081	18.3	2.7	4.0	1.2	0	17.4	H	

(10h 45m) **I 5793** (10h 45m)



NORMAL GALAXIES: N3377

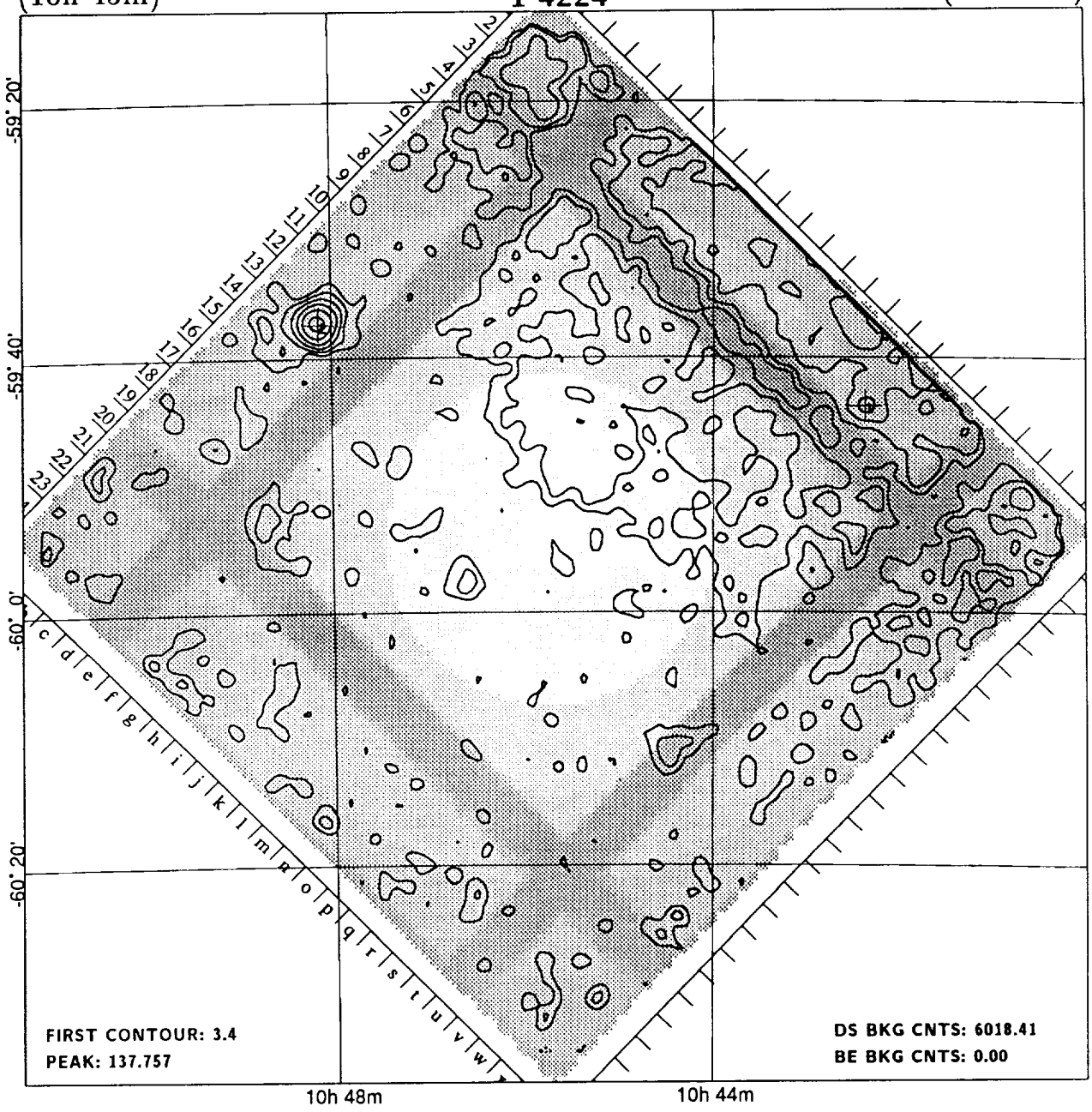
FIELD CENTER: $10^h45^m30.5^s$ $14°15'07''$ **(B1950)**
$10^h48^m09.5^s$ $13°59'15''$ **(J2000)**
ℓ: **231.28** b: **58.41**

DATE: 1980/147 - 1980/147
LIVETIME: 6112.1s
ROLL ANGLE: 67.4°

NH: 2.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2322	1	10 43 55.1	14 00 50	55	0.0142	0.0028	34.0	10.0	5.1	1.0	500	27.1	H	
2329	2	10 46 06.2	14 11 03	41	0.0153	0.0022	62.2	15.8	7.0	1.1	0	9.5	H	
2330	3	10 46 14.1	14 42 35	51	0.0178	0.0032	39.4	10.6	5.6	0.9	500	29.3	H	

(10h 45m) **I 4224** (10h 45m)



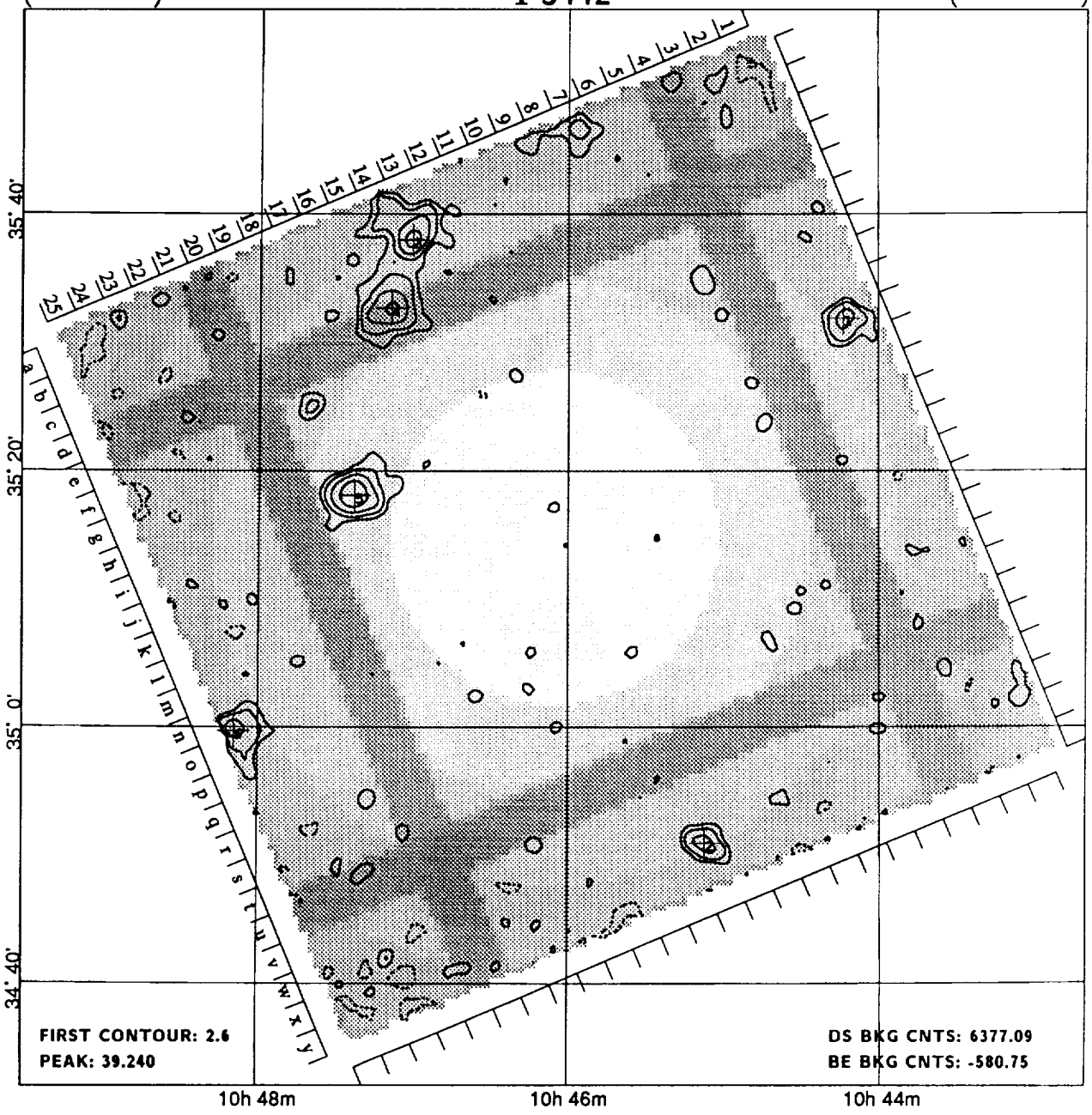
ETA CARINA FOLLOW-UP

FIELD CENTER: $10^h45^m40.0^s$ -59°54′59″ (B1950)
$10^h47^m37.2^s$ -60°10′50″ (J2000)
ℓ: 288.11 b: -0.92

DATE: 1979/194 - 1979/194
LIVETIME: 4876.9s
ROLL ANGLE: 44.6°

NH: 1.4E+21
REF/ID: Q
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2315	1L	10 42 24.9	-59 43 50	50	*0.0259	0.0065	50.4	39.6	3.8	46.3	301	26.8	A	
2336	2L	10 48 08.1	-59 37 22	47	0.1409	0.0095	296.0	19.0	14.8	1.3	0	25.7		P



A 1099,MAGNETIC FIELDS IN CLUSTERS OF GALAXIES

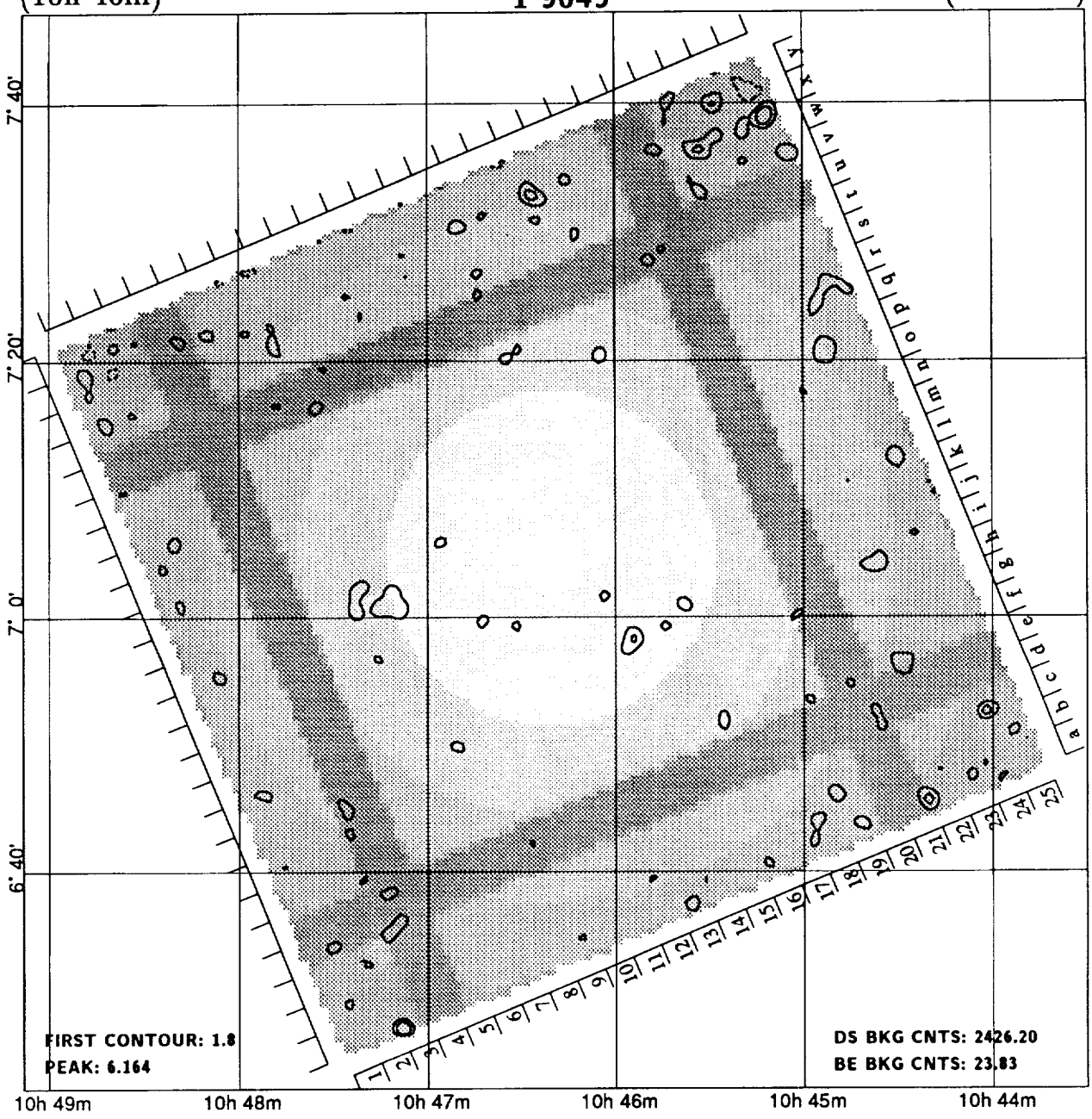
FIELD CENTER: $10^h46^m06.0^s$ 35°13'59" (B1950)
$10^h48^m54.3^s$ 34°58'07" (J2000)
ℓ: 188.63 b: 62.73

DATE: 1979/145 - 1979/145
LIVETIME: 5167.5s
ROLL ANGLE: 67.3°

NH: 1.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2323	1	10 44 13.4	35 31 50	51	0.0145	0.0032	28.2	9.8	4.6	1.3	0	28.8	H	
2328	2	10 45 07.0	34 50 55	51	0.0140	0.0030	29.3	9.7	4.7	1.0	0	25.9	H	
2331	3	10 47 00.7	35 37 59	50	0.0261	0.0038	56.1	9.9	6.9	3.5	0	26.7	H	
2333	4	10 47 08.9	35 32 38	50	*0.0270	0.0035	66.5	7.5	7.7	3.5	1107	22.8	H	
2334	5	10 47 23.0	35 18 06	48	0.0416	0.0039	122.4	9.6	10.7	1.3	0	16.1	H	
2337	6	10 48 09.2	34 59 41	51	*0.0228	0.0046	31.5	8.5	5.0	1.8	703	29.1	EH	

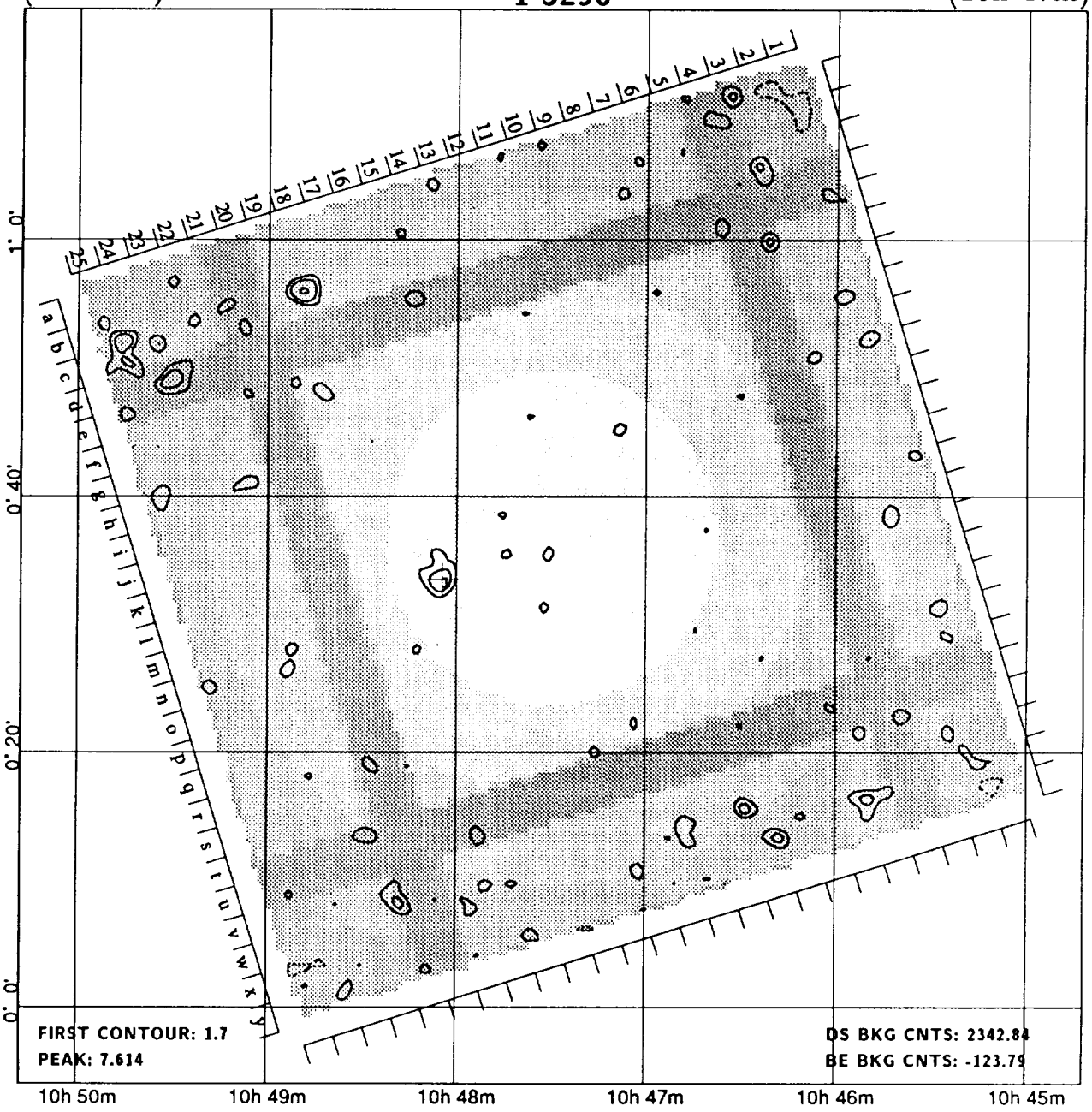
(10h 46m) **I 9049** (10h 46m)



SPECTROSCOPIC BINARIES WITHIN 25 Pc: WOOLLEY# 402

FIELD CENTER:	$10^h46^m19.0^s$ 07°05′05″ (B1950)	**DATE:** 1980/348 - 1980/348	**NH:** 2.7E+20
	$10^h48^m55.3^s$ 06°49′13″ (J2000)	**LIVETIME:** 1966.0s	**REF/ID:**
	ℓ: 242.23 b: 54.54	**ROLL ANGLE:** -112.4°	**FIELD FLAGS:**

(10h 47m) **I 3296** (10h 47m)



CD GALAXIES IN POOR CLUSTERS: K30

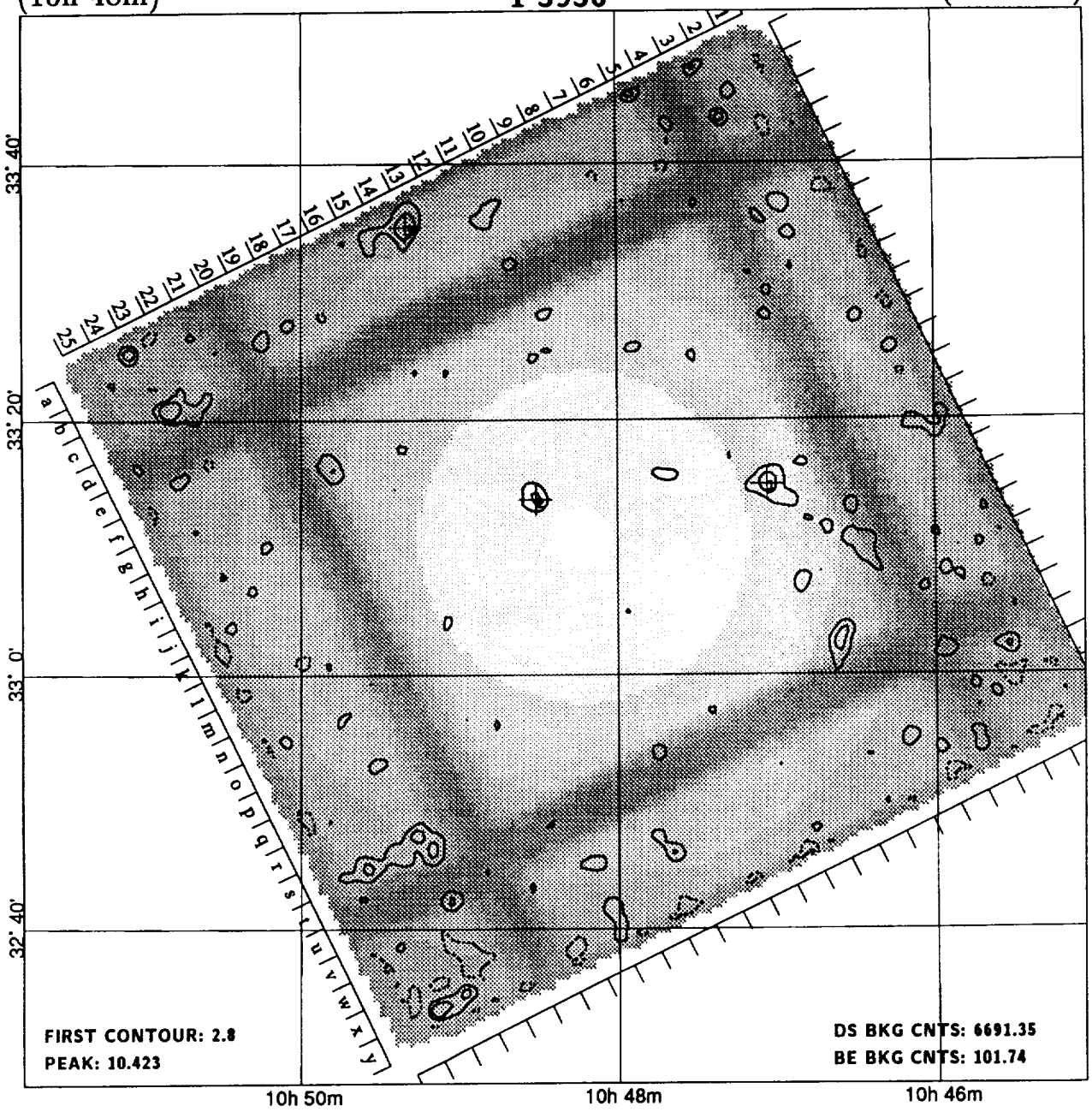
FIELD CENTER: $10^h47^m30.0^s$ 00°35′59″ (B1950)
$10^h50^m03.9^s$ 00°20′05″ (J2000)
ℓ: 250.48 b: 50.42

DATE: 1979/168 - 1979/168
LIVETIME: 1898.5s
ROLL ANGLE: 72.8°

NH: 3.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2335	1	10 48 04.6	00 33 28	43	0.0146	0.0038	18.6	4.4	3.9	0.9	0	9.0	H	

(10h 48m) **I 3936** (10h 48m)



TG 28 GROUP OF GALAXIES

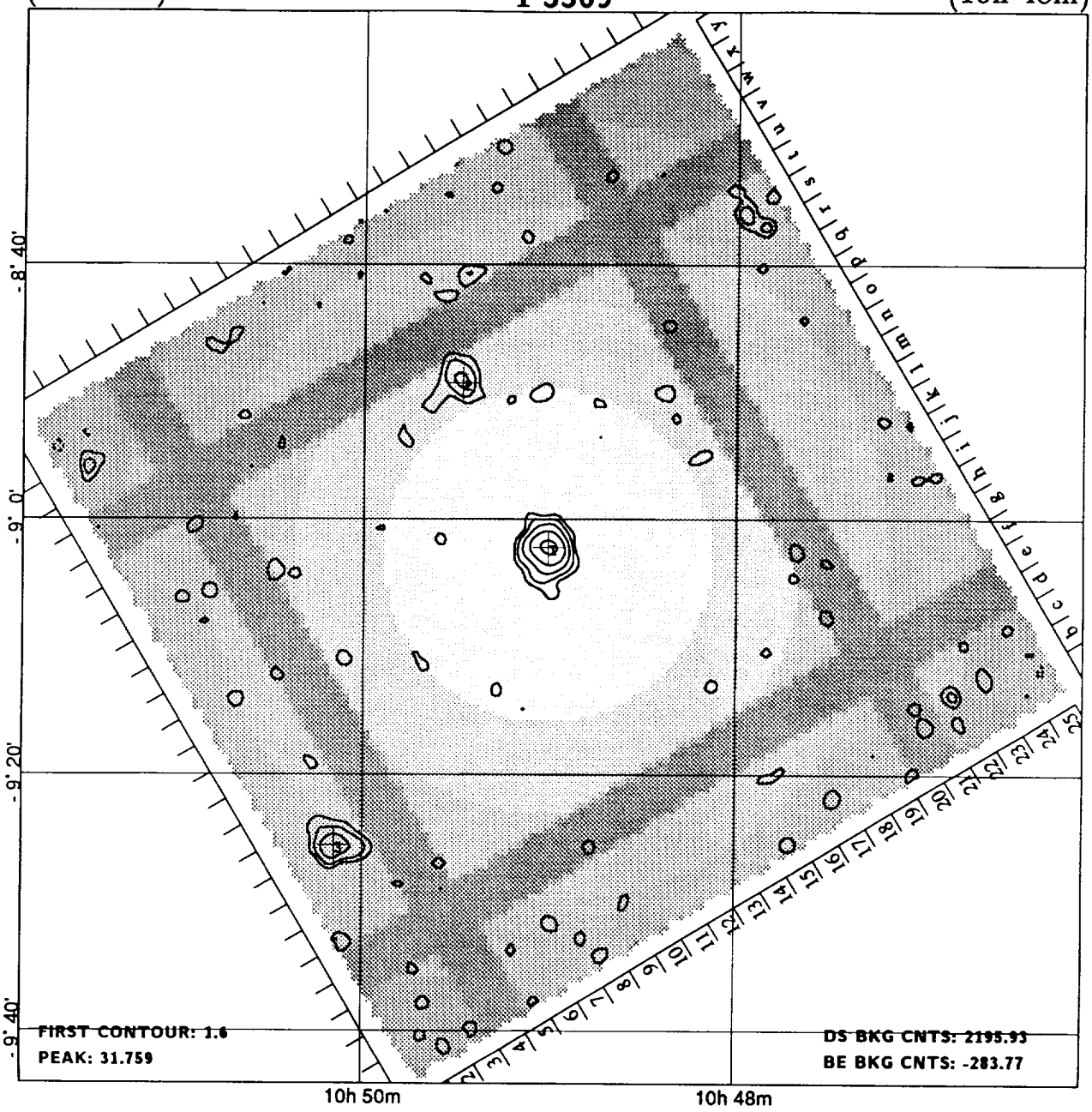
FIELD CENTER: $10^h48^m24.0^s$ $33°09'57''$ (B1950)
$10^h51^m10.8^s$ $32°54'02''$ (J2000)
ℓ: 193.05 b: 63.43

DATE: 1980/138 - 1980/138
LIVETIME: 5422.2s
ROLL ANGLE: 64.0°

NH: 2.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2332	1	10 47 03.3	33 14 57	53	0.0067	0.0018	21.6	12.4	3.7	1.1	0	17.5	H	
2338	2	10 48 31.0	33 13 46	37	0.0064	0.0017	24.7	18.3	3.8	0.6	0	4.5		
2341	3	10 49 20.3	33 35 03	56	0.0094	0.0027	19.3	10.7	3.5	1.2	300	27.9	H	

(10h 48m) **I 5369** (10h 48m)



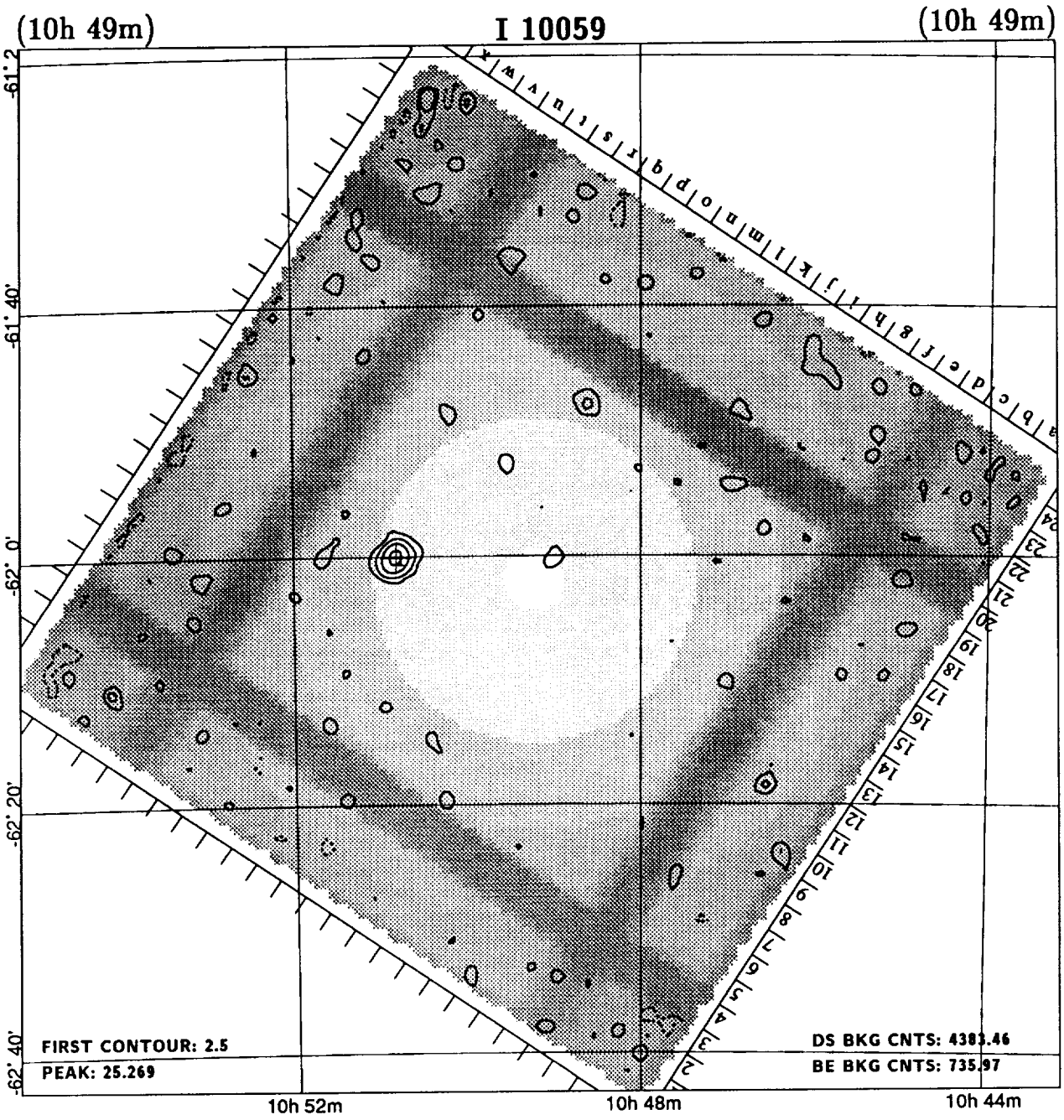
SURVEY OF BRIGHT QUASARS (PG)

FIELD CENTER: $10^h48^m59.4^s$ $-09°02'12''$ **(B1950)**
$10^h51^m29.9^s$ $-09°18'09''$ **(J2000)**
ℓ: **260.19** b: **43.39**

DATE: 1981/ 5 - 1981/ 5
LIVETIME: 1779.4s
ROLL ANGLE: -121.0°

NH: 3.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2340	1	10 49 00.5	-09 02 16	31	0.1007	0.0089	133.5	4.5	11.4	1.3	0	0.4	H	Q
2342	2	10 49 28.2	-08 49 18	42	0.0219	0.0050	22.9	4.1	4.4	1.2	100	14.7	H	
2343	3	10 50 09.1	-09 25 32	51	0.0318	0.0073	21.4	2.6	4.4	1.2	0	29.0	H	



CORONAL EMISSION FROM WOLF-RAYET STARS W/OVI EMISSION:HD 94305

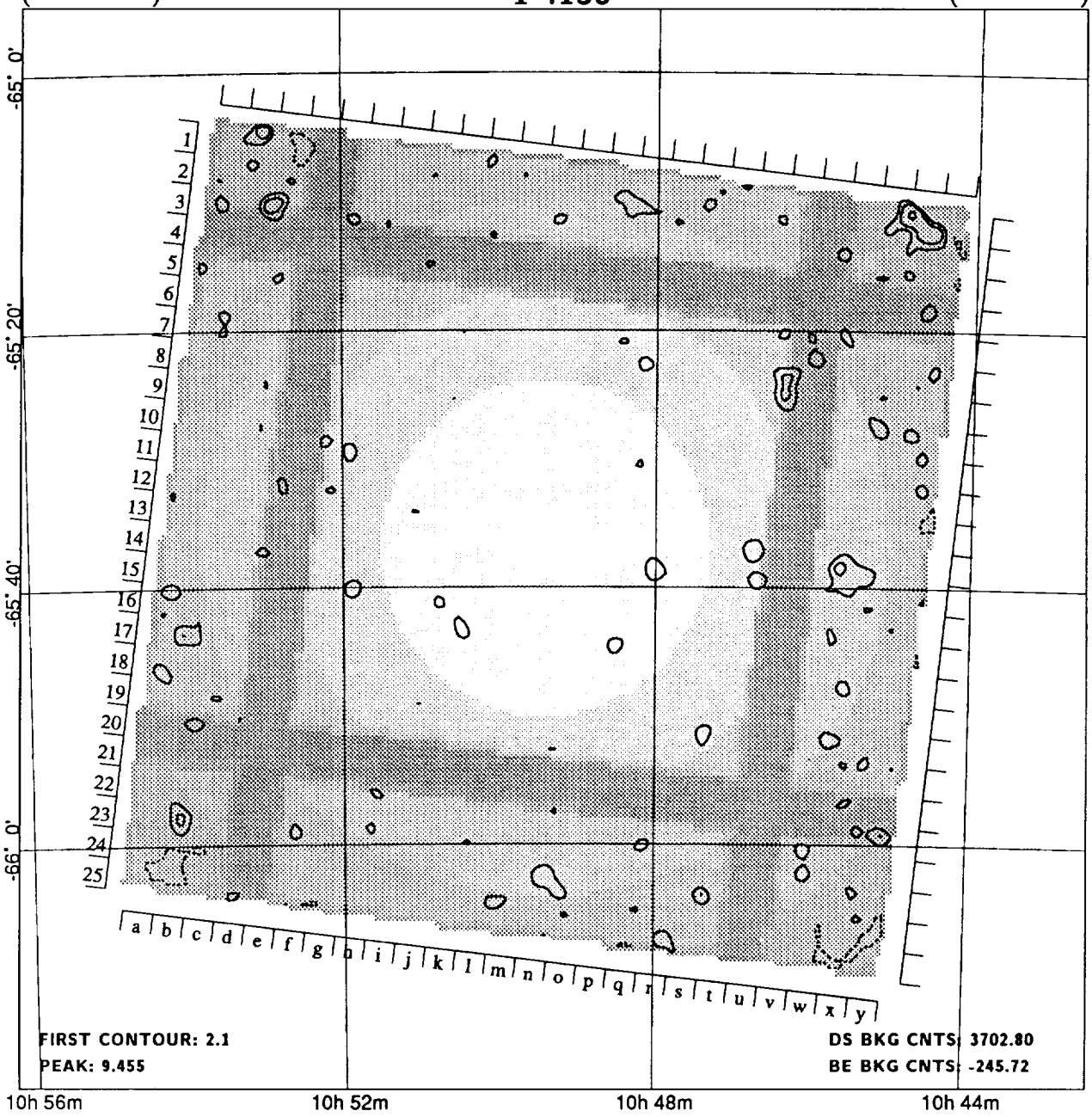
FIELD CENTER: $10^h49^m10.1^s$ $-62°01'07''$ (B1950)
$10^h51^m05.8^s$ $-62°17'03''$ (J2000)
ℓ: 289.44 b: -2.61

DATE: 1981/ 24 - 1981/ 24
LIVETIME: 3552.1s
ROLL ANGLE: -146.3°

NH: 1.2E+21
REF/ID: S
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2346	1	10 50 49.2	-62 00 06	38	0.0367	0.0043	84.7	13.3	8.6	1.0	0	11.6	H	

(10h 49m) **I 4138** (10h 49m)



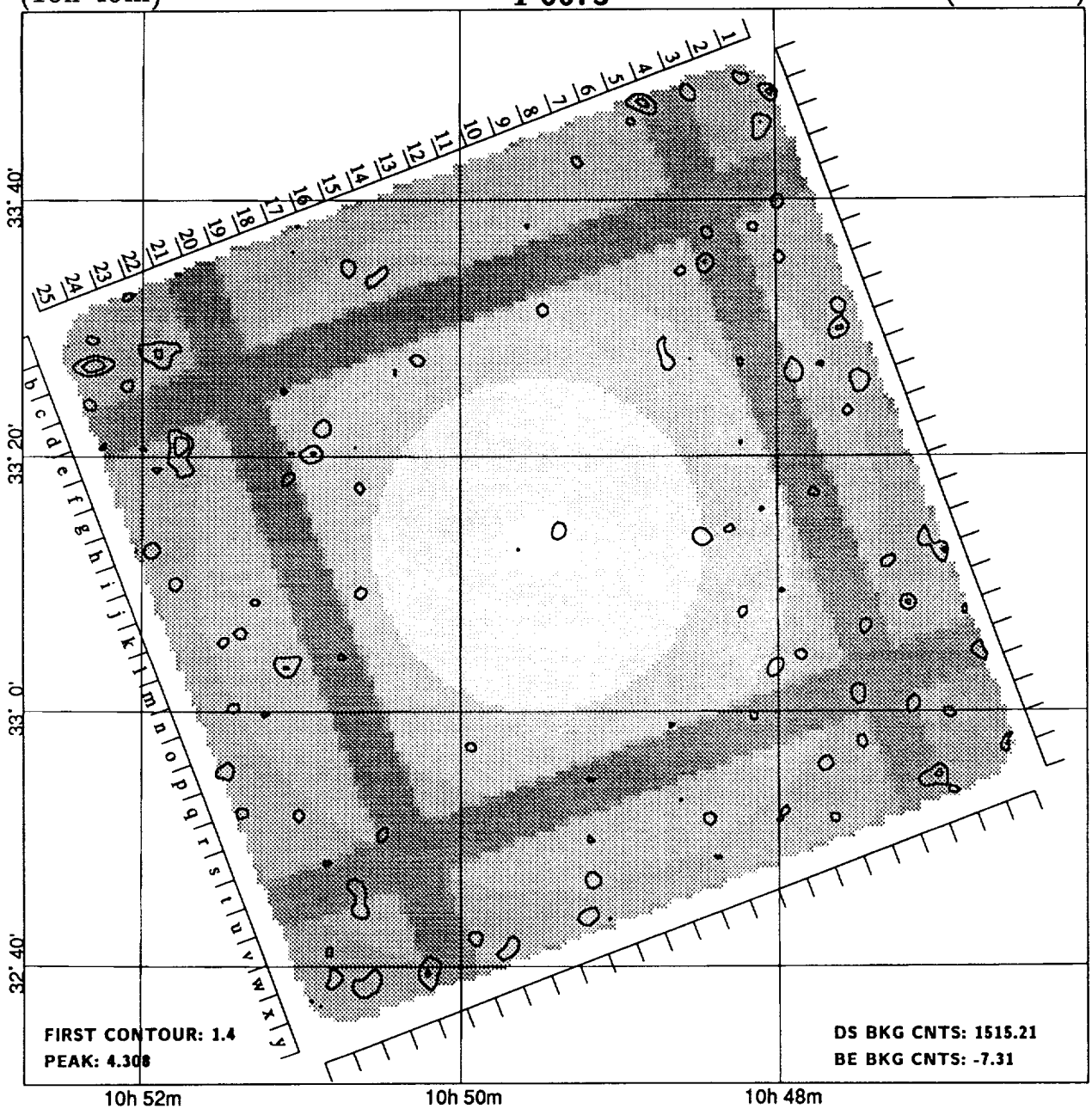
H1049-65 POSITION

FIELD CENTER: $10^h49^m19.2^s$ $-65°37'11''$ (B1950)
$10^h51^m08.4^s$ $-65°53'07''$ (J2000)
ℓ: 291.06 b: -5.83

DATE: 1979/239 - 1979/239
LIVETIME: 3000.5s
ROLL ANGLE: 6.8°

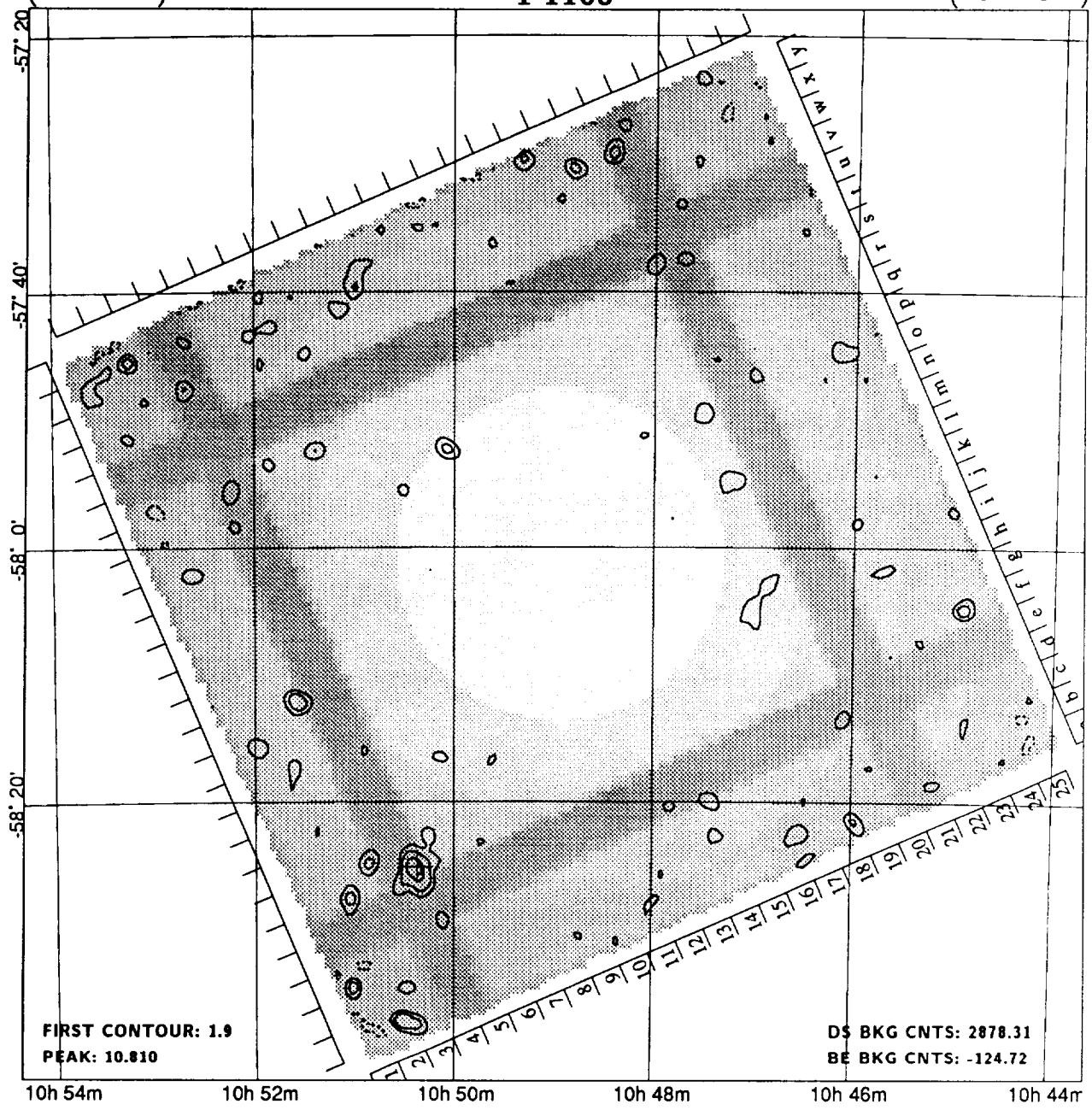
NH: 1.2E+21
REF/ID:
FIELD FLAGS:

(10h 49m) **I 6675** (10h 49m)



DE VAU G43,SURVEY OF GROUPS OF GALAXIES

FIELD CENTER:	$10^h49^m24.0^s$ $33°12'53''$ (B1950)	**DATE:** 1980/152 - 1980/152	**NH:** 2.0E+20
	$10^h52^m10.7^s$ $32°56'57''$ (J2000)	**LIVETIME:** 1227.8s	**REF/ID:**
	ℓ: 192.91 b: 63.64	**ROLL ANGLE:** 69.4°	**FIELD FLAGS:**



ETA CARINA GALACTIC PLANE SURVEY

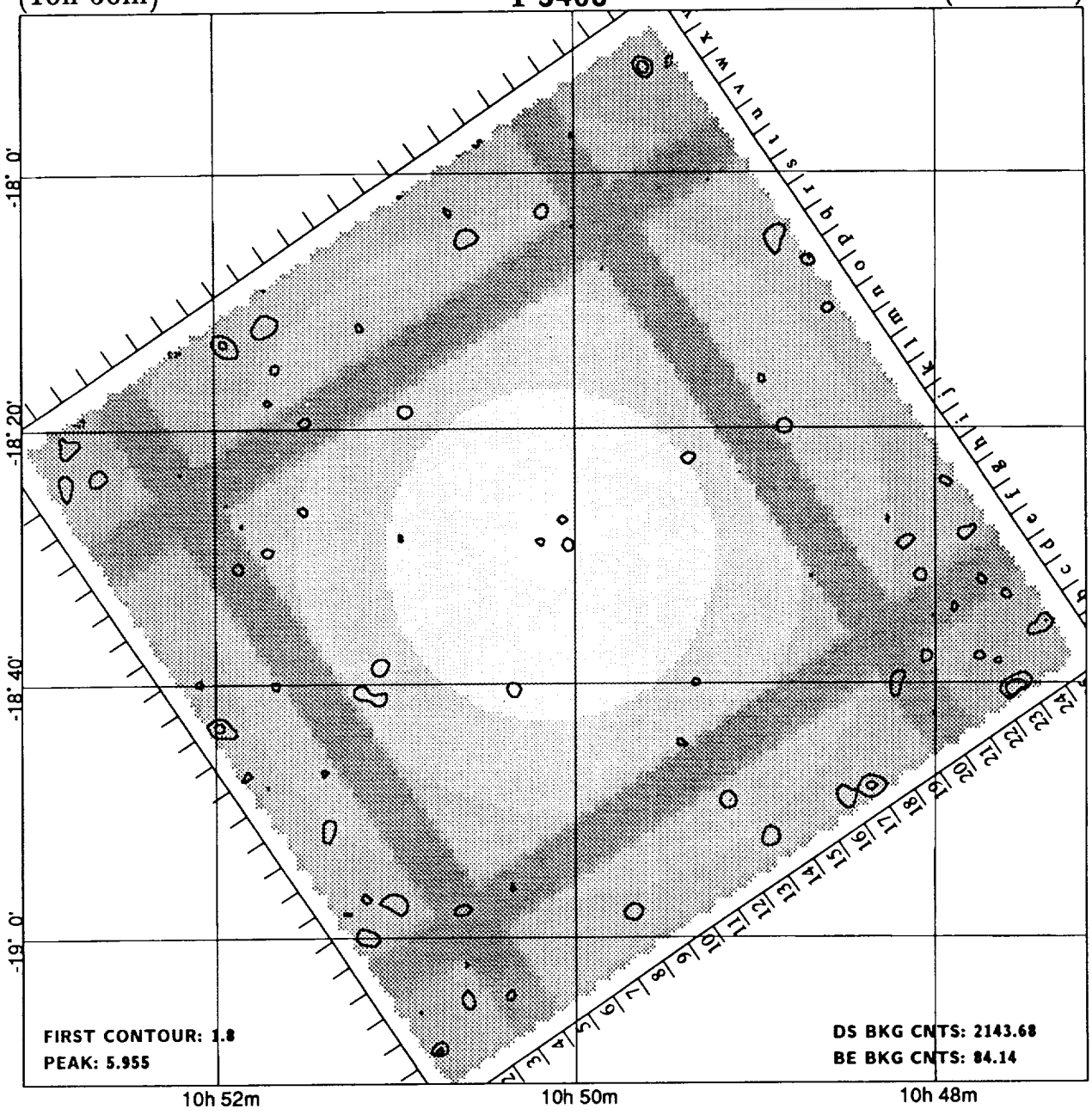
FIELD CENTER: $10^h49^m00.0^s$ -57°59′59″ (B1950)
$10^h51^m01.4^s$ -58°15′55″ (J2000)
ℓ: 287.63 b: 0.98

DATE: 1978/357 - 1978/357
LIVETIME: 2332.4s
ROLL ANGLE: -113.5°

NH: 1.4E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2344	1	10 50 22.4	-58 25 08	52	*0.0261	0.0056	24.3	2.7	4.7	1.1	1309	27.4	EH	

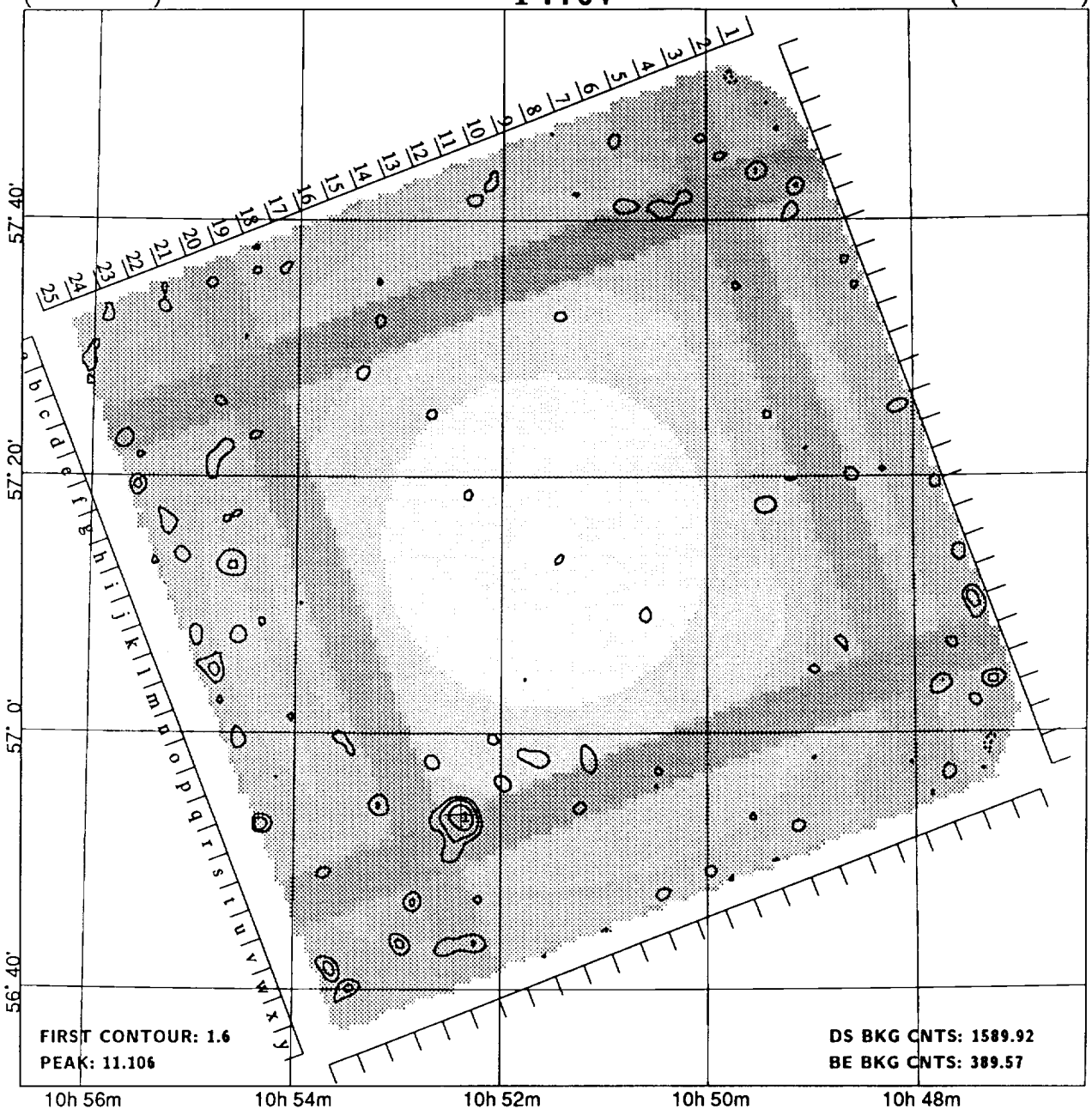
(10h 50m) **I 5408** (10h 50m)



1050-184,QSO'S WITH RADIO FLAT SPECTRUM

FIELD CENTER:	$10^h50^m06.9^s$ -18°29'20" (B1950)	DATE: 1981/ 4 - 1981/ 4	NH: 3.9E+20
	$10^h52^m34.0^s$ -18°45'18" (J2000)	LIVETIME: 1737.1s	REF/ID:
	ℓ: 267.56 b: 35.82	ROLL ANGLE: -124.0°	FIELD FLAGS:

(10h 51m) **I 7764** (10h 51m)



NGC 3445 A&B,PAIRS OF GALAXIES W/STRONG ELS

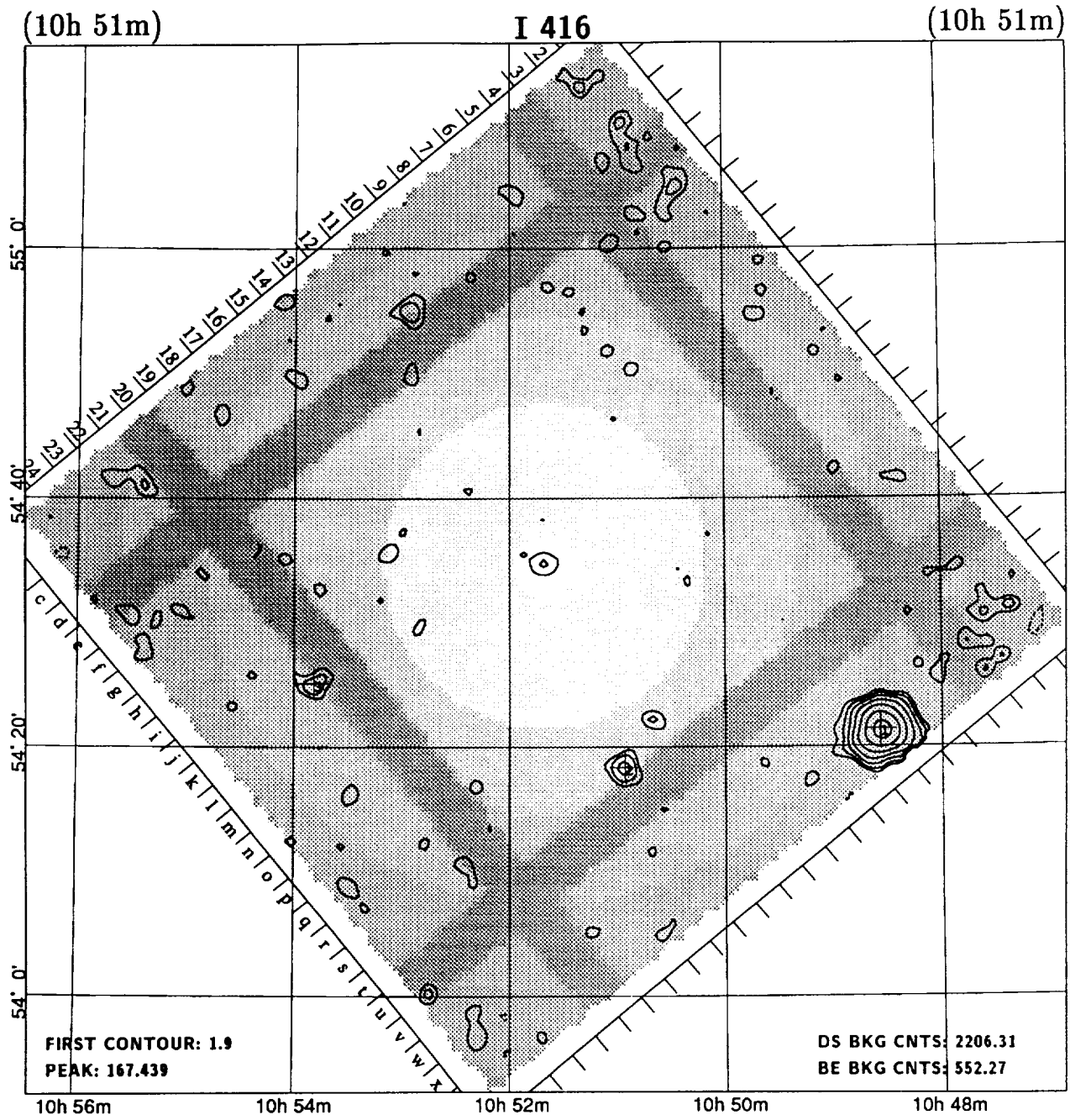
FIELD CENTER: $10^h51^m30.0^s$ $57°14'29''$ (B1950)
$10^h54^m33.5^s$ $56°58'30''$ (J2000)
ℓ: 149.62 b: 53.67

DATE: 1980/145 - 1980/145
LIVETIME: 1288.4s
ROLL ANGLE: 68.9°

NH: 6.1E+19
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2349	1	10 52 23.0	56 53 38	51	*0.0446	0.0091	27.4	3.6	4.9	1.1	1007	22.4	H	

(10h 51m) **I 416** (10h 51m)



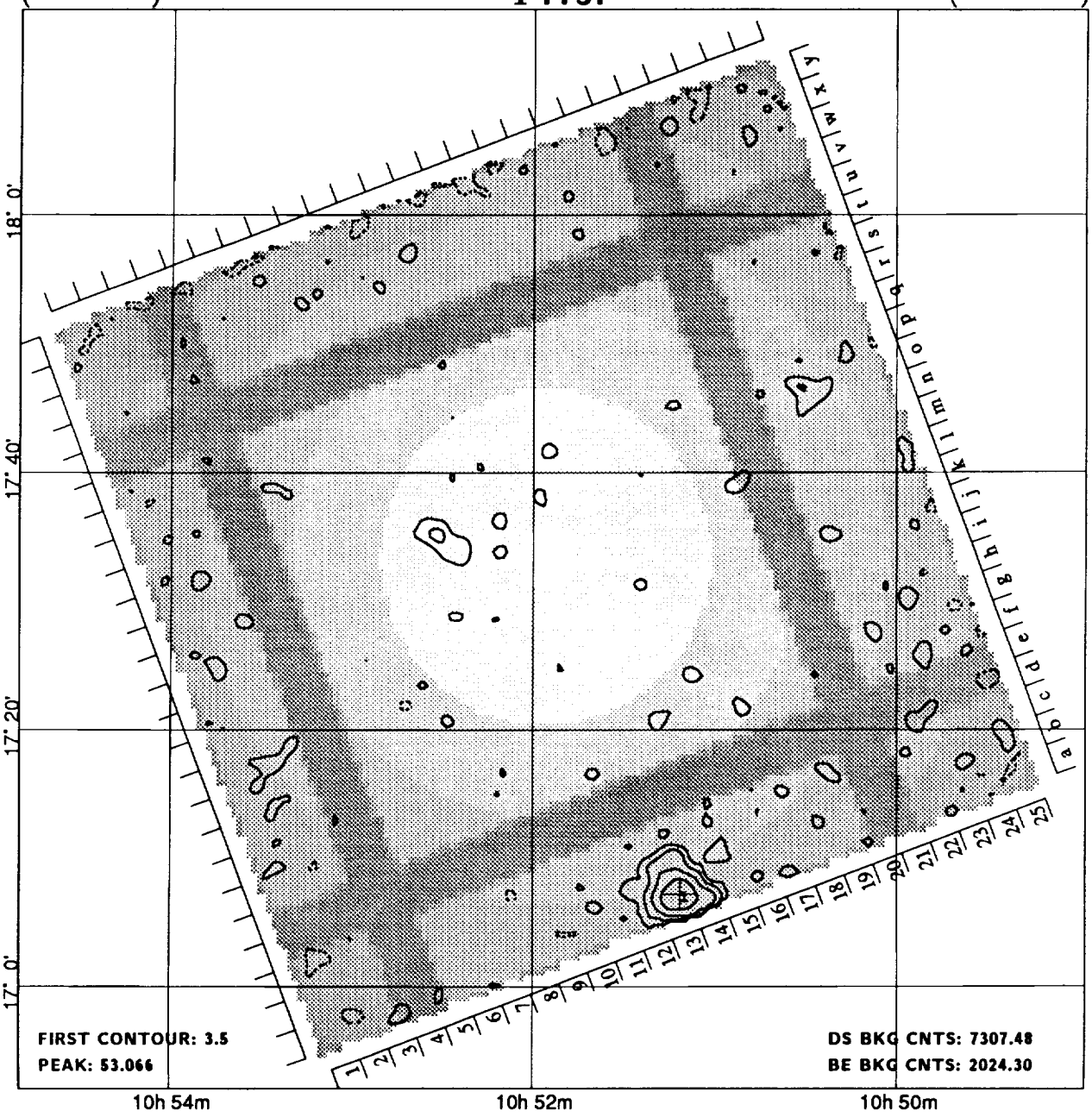
NGC 3448 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $10^h51^m39.6^s$ $54°34'29''$ (B1950) | $10^h54^m40.2^s$ $54°18'30''$ (J2000) | ℓ: 153.05 b: 55.45

DATE: 1979/118 - 1979/118 | **LIVETIME:** 1787.9s | **ROLL ANGLE:** 50.8°

NH: 8.6E+19 | **REF/ID:** ! | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2339	1	10 48 34.3	54 21 25	47	0.516	0.029	323.5	4.5	17.9	1.4	0	30.0	H	S
2347	2	10 50 55.8	54 18 19	51	*0.0258	0.0057	25.4	5.6	4.6	0.8	501	17.2	H	
2354	3	10 53 49.0	54 25 07	56	*0.0178	0.0050	15.8	4.2	3.5	0.7	805	20.8	H	



N 3454/3455,BRIGHT NEARBY PAIRS OF GALAXIES

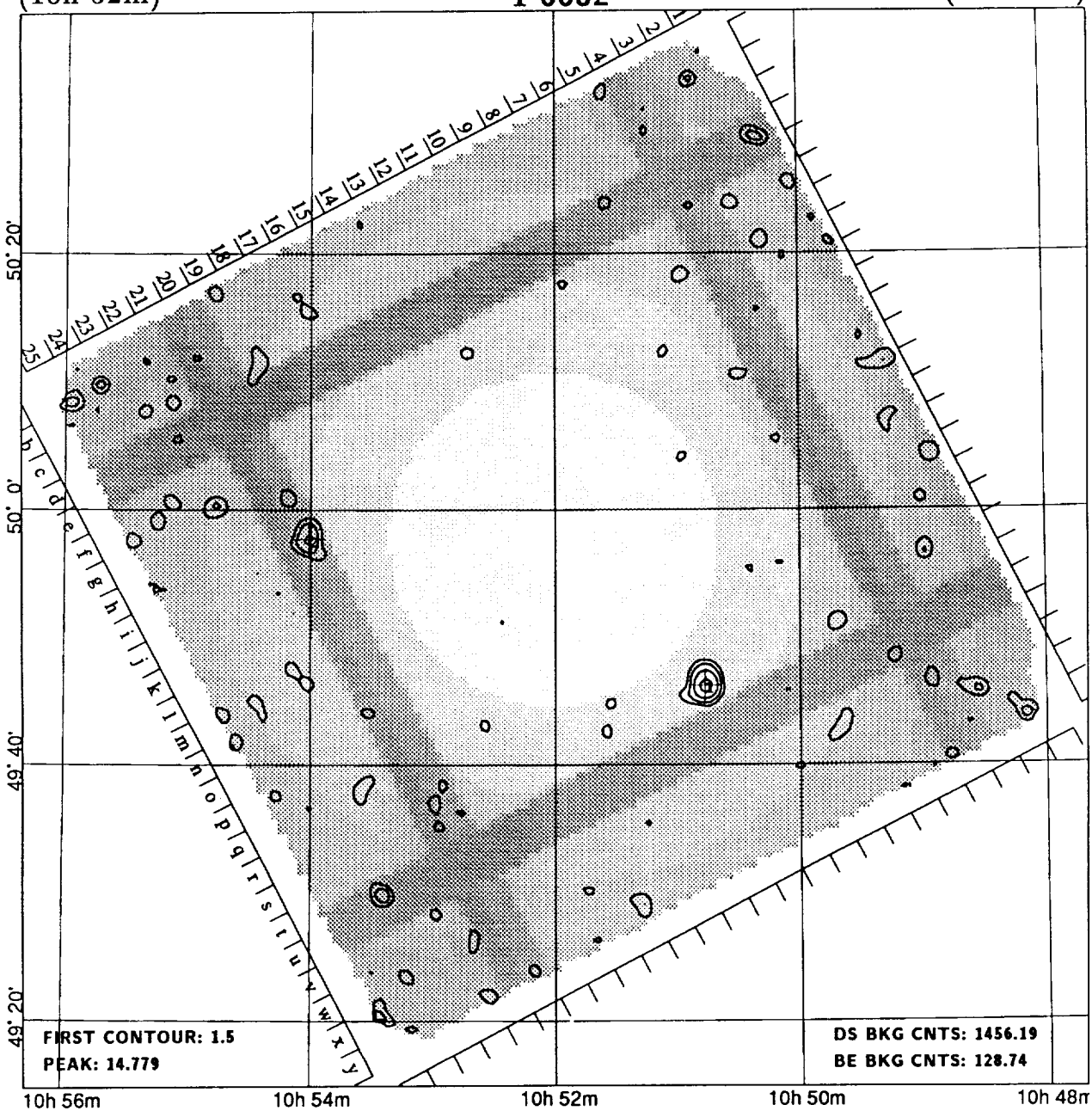
FIELD CENTER: $10^h51^m54.0^s$ $17°33'59''$ (B1950) | $10^h54^m33.7^s$ $17°18'00''$ (J2000) | ℓ: 226.83 b: 61.31

DATE: 1980/346 - 1980/347 | **LIVETIME:** 5921.5s | **ROLL ANGLE:** -110.7°

NH: 2.4E+20 | **REF/ID:** | **FIELD FLAGS:** L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2348	1L	10 51 11.2	17 07 11	48	0.0398	0.0064	89.1	51.9	6.0	1.8	200	28.7		

(10h 52m) **I 6682** (10h 52m)



GROUPS OF GALAXIES: TG 29

FIELD CENTER: $10^h52^m00.0^s$ $49°56'59''$ (B1950)
$10^h54^m56.4^s$ $49°40'59''$ (J2000)
ℓ: 159.74 b: 58.29

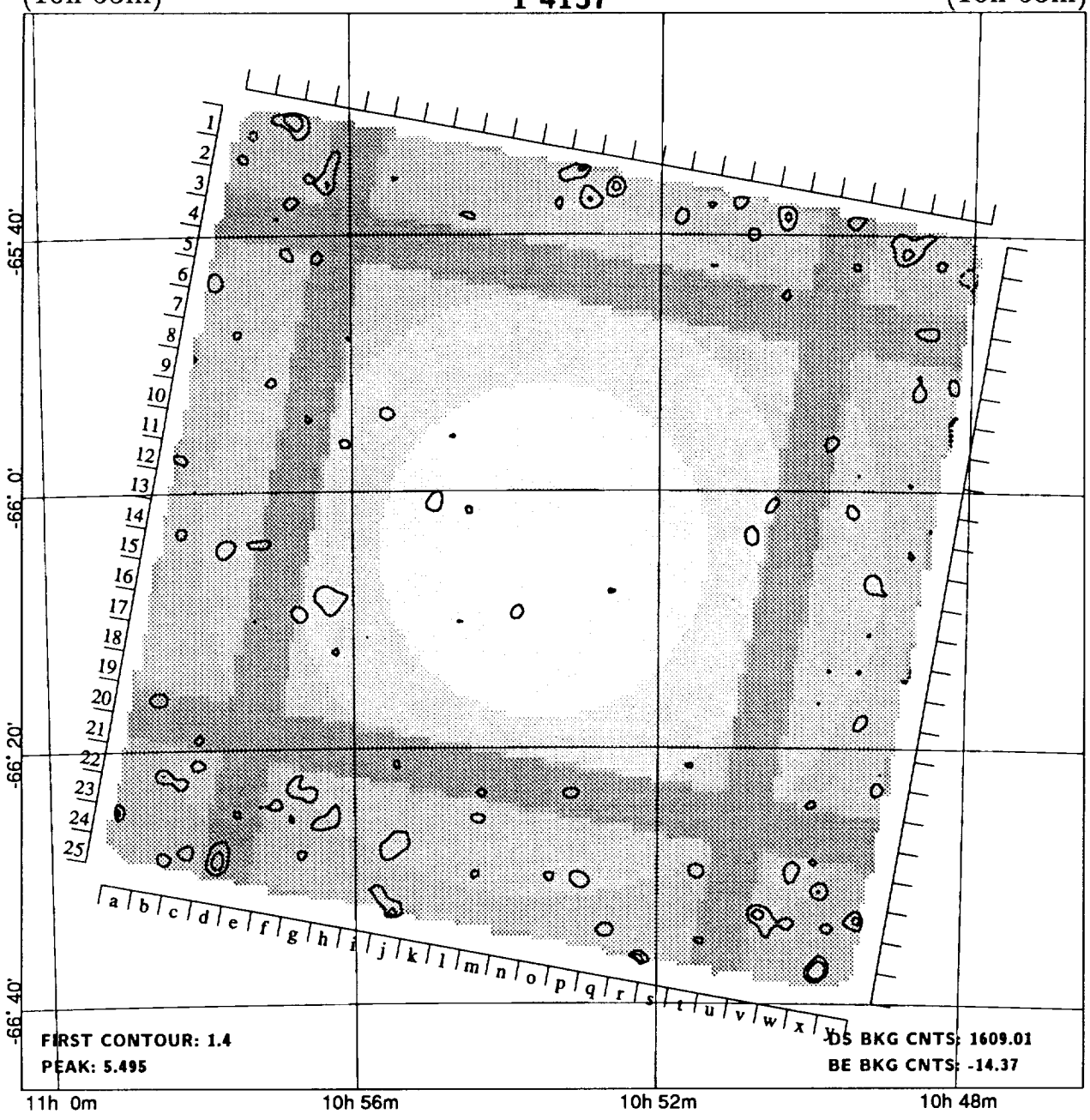
DATE: 1980/136 - 1980/136
LIVETIME: 1180.0s
ROLL ANGLE: 62.5°

NH: 1.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2345	1	10 50 46.7	49 46 14	50	0.0533	0.0093	35.8	3.2	5.7	0.9	100	15.7	H	
2359	2	10 54 00.7	49 57 44	55	*0.0278	0.0071	17.2	1.8	3.9	0.8	1209	19.4		

C-5

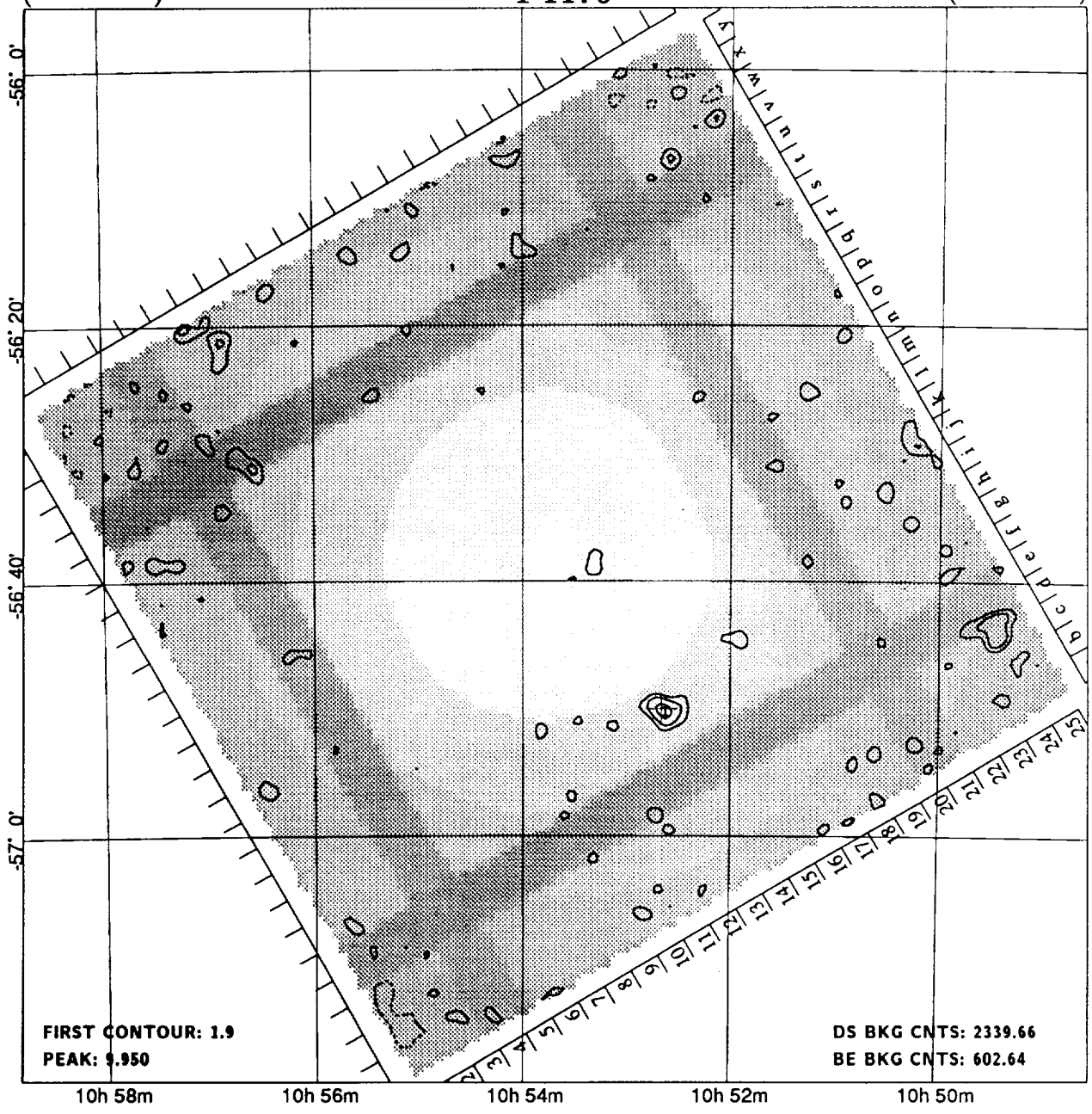
(10h 53m) **I 4137** (10h 53m)



H1049-65 POSITION

FIELD CENTER:	$10^h53^m24.0^s$ -66°04′47″ (B1950)	**DATE:** 1980/237 - 1980/237	**NH:** 1.2E+21
	$10^h55^m14.9^s$ -66°20′49″ (J2000)	**LIVETIME:** 1303.8s	**REF/ID:**
	ℓ: 291.64 b: -6.06	**ROLL ANGLE:** 10.2°	**FIELD FLAGS:**

(10h 53m) **I 1170** (10h 53m)



ETA CARINA GALACTIC PLANE SURVEY

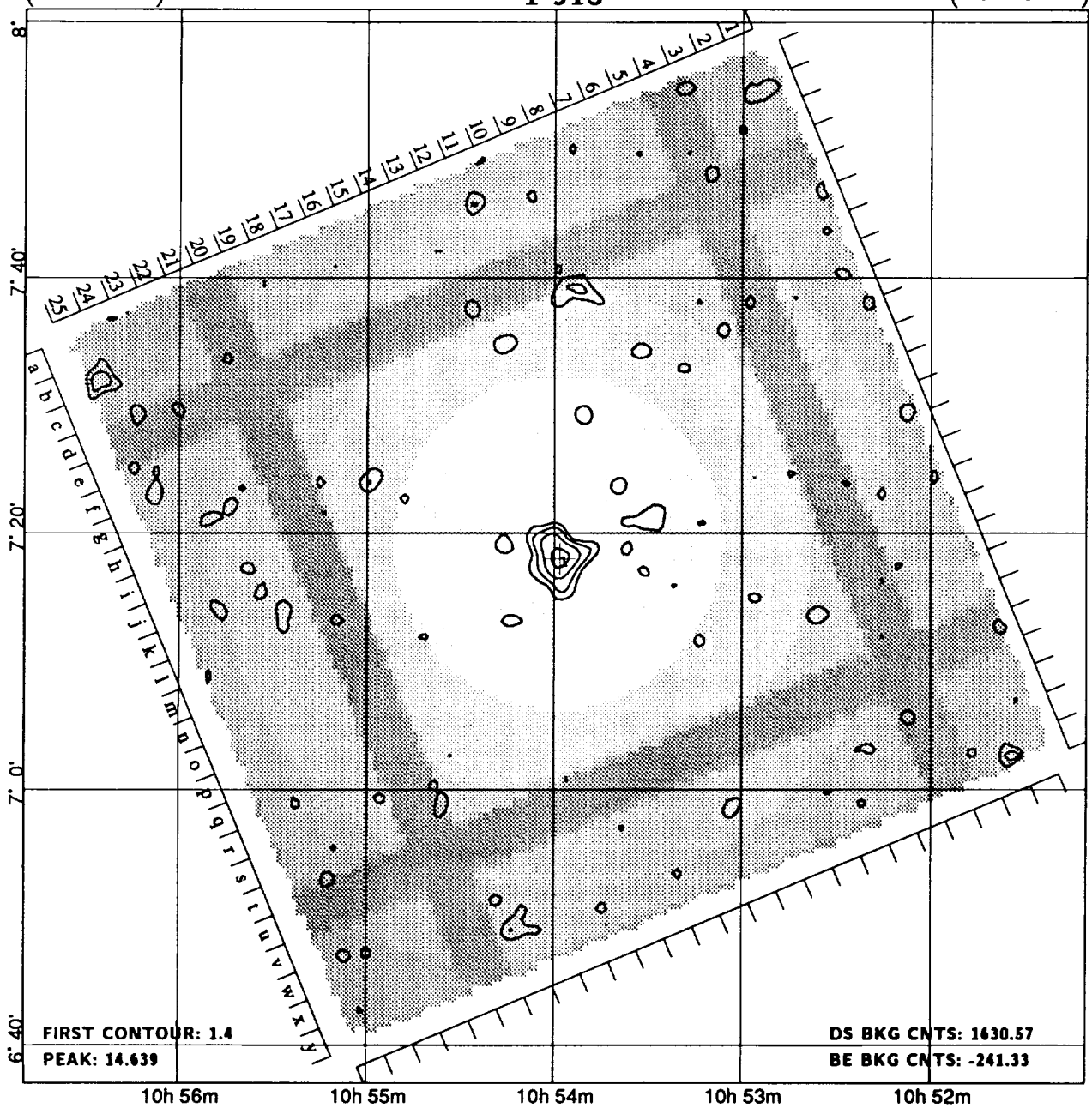
FIELD CENTER: $10^h53^m40.6^s$ $-56°37'15''$ (B1950)
$10^h55^m45.7^s$ $-56°53'17''$ (J2000)
ℓ: 287.60 b: 2.50

DATE: 1978/360 - 1978/360
LIVETIME: 1895.9s
ROLL ANGLE: -120.2°

NH: 1.4E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2350	1	10 52 39.9	-56 50 02	51	0.0206	0.0048	23.1	5.9	4.3	0.9	0	15.4	H	

(10h 54m) **I 915** (10h 54m)



CN LEO STELLAR OBSERVATIONS, VARIABLE STARS

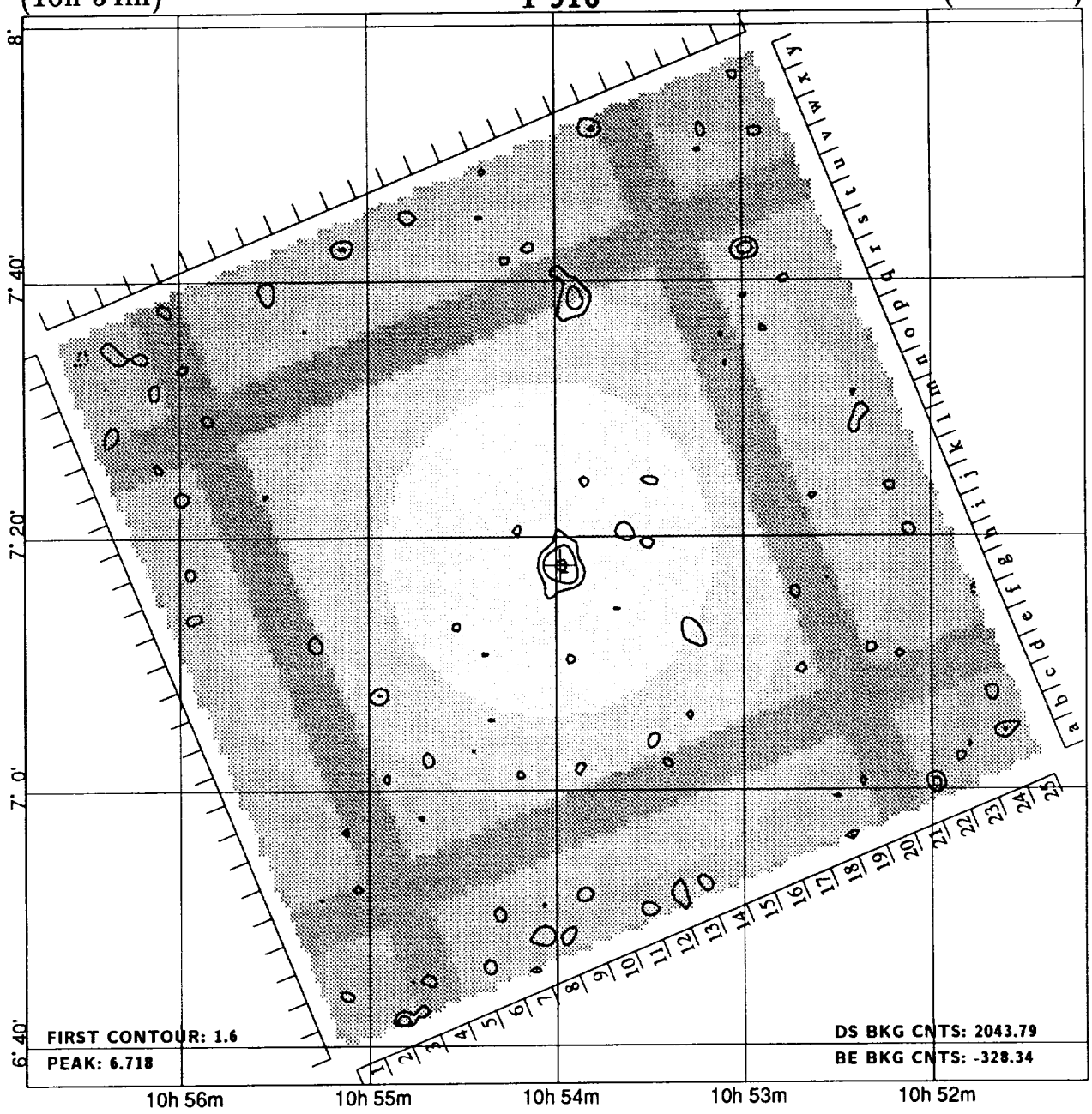
FIELD CENTER: $10^h54^m00.0^s$ 07°18′59″ (B1950)
$10^h56^m36.1^s$ 07°02′57″ (J2000)
ℓ: 244.04 b: 56.16

DATE: 1979/141 - 1979/141
LIVETIME: 1321.3s
ROLL ANGLE: 67.5°

NH: 3.0E+20
REF/ID: !
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2358	1	10 53 58.2	07 18 00	34	0.0621	0.0082	60.8	3.2	7.6	1.4	0	1.0	AH	S

(10h 54m) **I 916** (10h 54m)



CN LEO STELLAR OBSERVATIONS, VARIABLE STARS

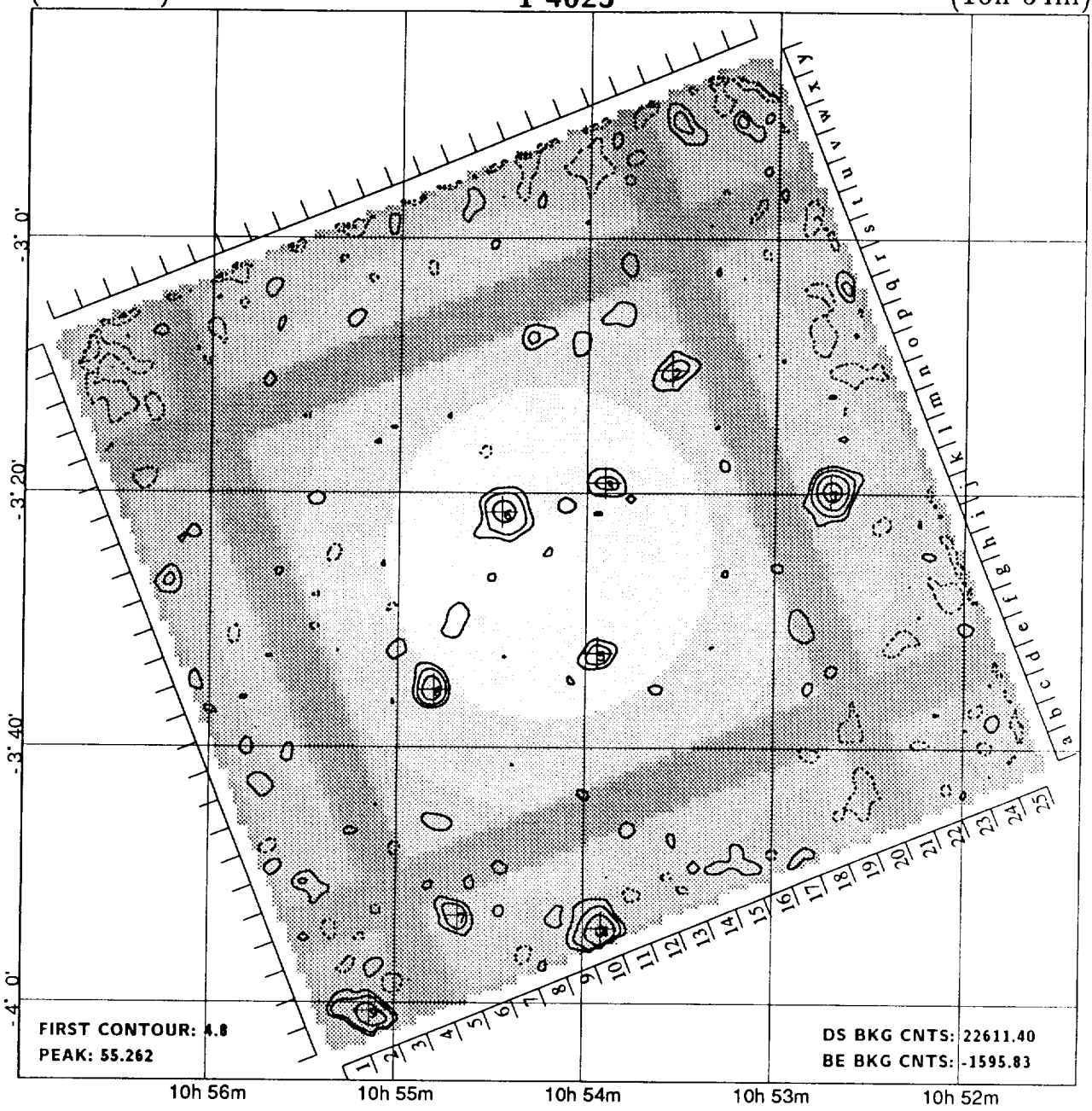
FIELD CENTER: $10^h54^m00.0^s$ $07°18'59''$ (B1950)
$10^h56^m36.1^s$ $07°02'57''$ (J2000)
ℓ: 244.04 b: 56.16

DATE: 1979/339 - 1979/339
LIVETIME: 1656.1s
ROLL ANGLE: -112.5°

NH: 3.0E+20
REF/ID: !
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2358	1	10 53 58.6	07 17 47	36	0.0265	0.0050	32.5	4.5	5.3	1.2	0	0.9	AH	S

(10h 54m) **I 4025** (10h 54m)



QUASAR Q 1054-034

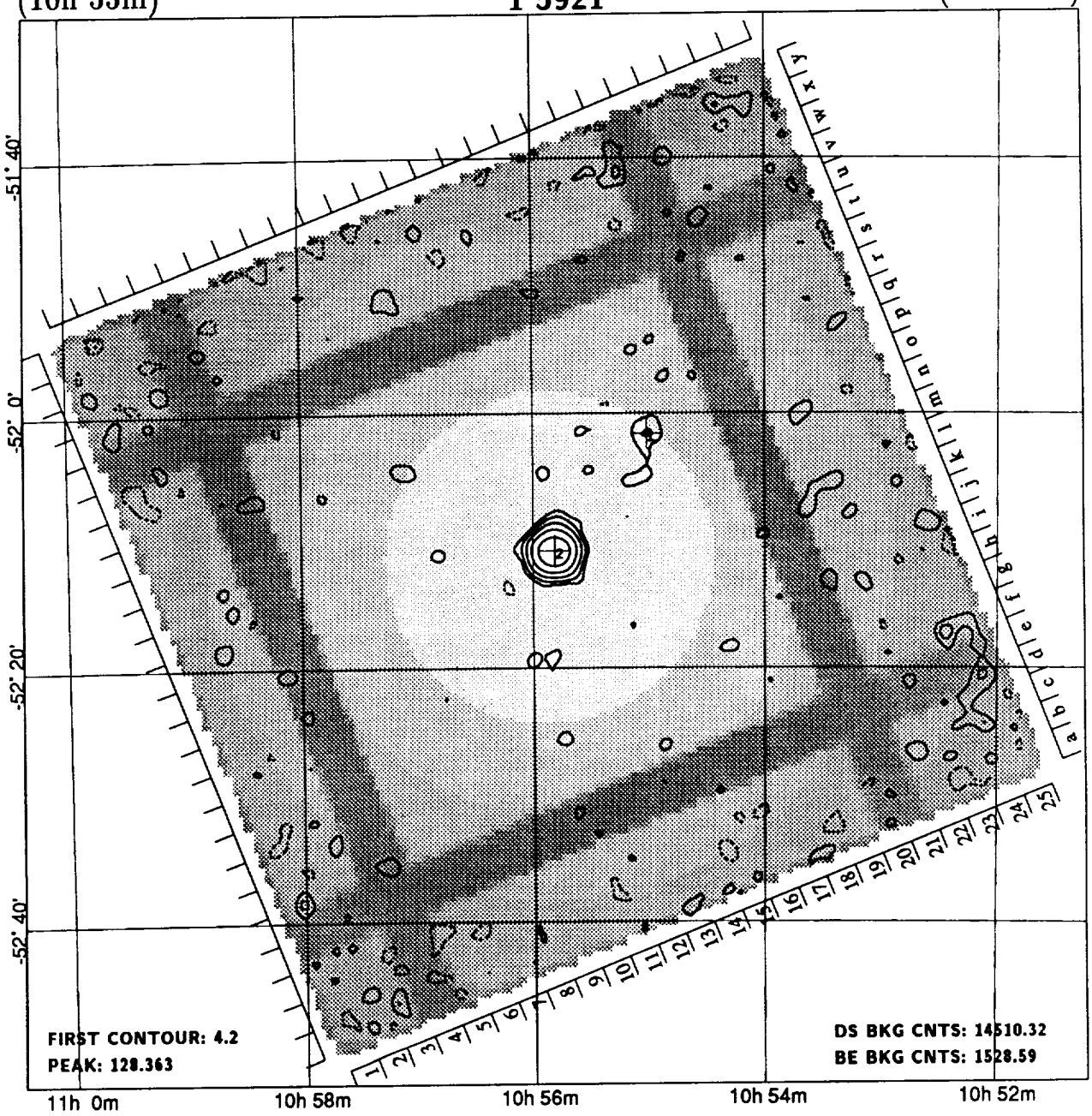
FIELD CENTER: $10^h54^m11.0^s$ -03°24′14″ (B1950)
$10^h56^m43.6^s$ -03°40′17″ (J2000)
ℓ: 256.54 b: 48.59

DATE: 1979/336 - 1979/338
LIVETIME: 18322.7s
ROLL ANGLE: -111.9°

NH: 3.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2351	1	10 52 42.5	-03 19 52	48	0.0161	0.0016	137.4	37.6	10.4	1.1	0	22.5	H	
2353	2	10 53 33.2	-03 10 23	51	0.00406	0.00091	41.1	42.9	4.5	0.9	300	17.1	H	
2355	3	10 53 54.3	-03 19 11	42	0.00418	0.00079	53.2	47.8	5.3	0.8	0	6.3	H	
2356	4	10 53 54.3	-03 54 08	50	0.0128	0.0017	80.6	28.4	7.7	1.2	500	30.0	H	
2357	5	10 53 56.4	-03 32 33	41	0.00461	0.00084	57.4	52.6	5.5	0.8	0	8.8		
2360	6	10 54 27.1	-03 21 29	32	0.00825	0.00098	107.9	56.1	8.4	1.4	0	5.0	H	
2361	7	10 54 40.1	-03 53 10	58	*0.0049	0.0012	32.8	29.2	4.2	1.0	902	29.5	H	
2362	8	10 54 48.5	-03 35 26	38	0.0093	0.0011	103.1	49.9	8.3	0.9	0	14.7	H	
2364	9	10 55 08.0	-04 00 37	58	0.0090	0.0021	34.8	30.2	4.3	1.3	200	39.4	H	

(10h 55m) **I 5921** (10h 55m)



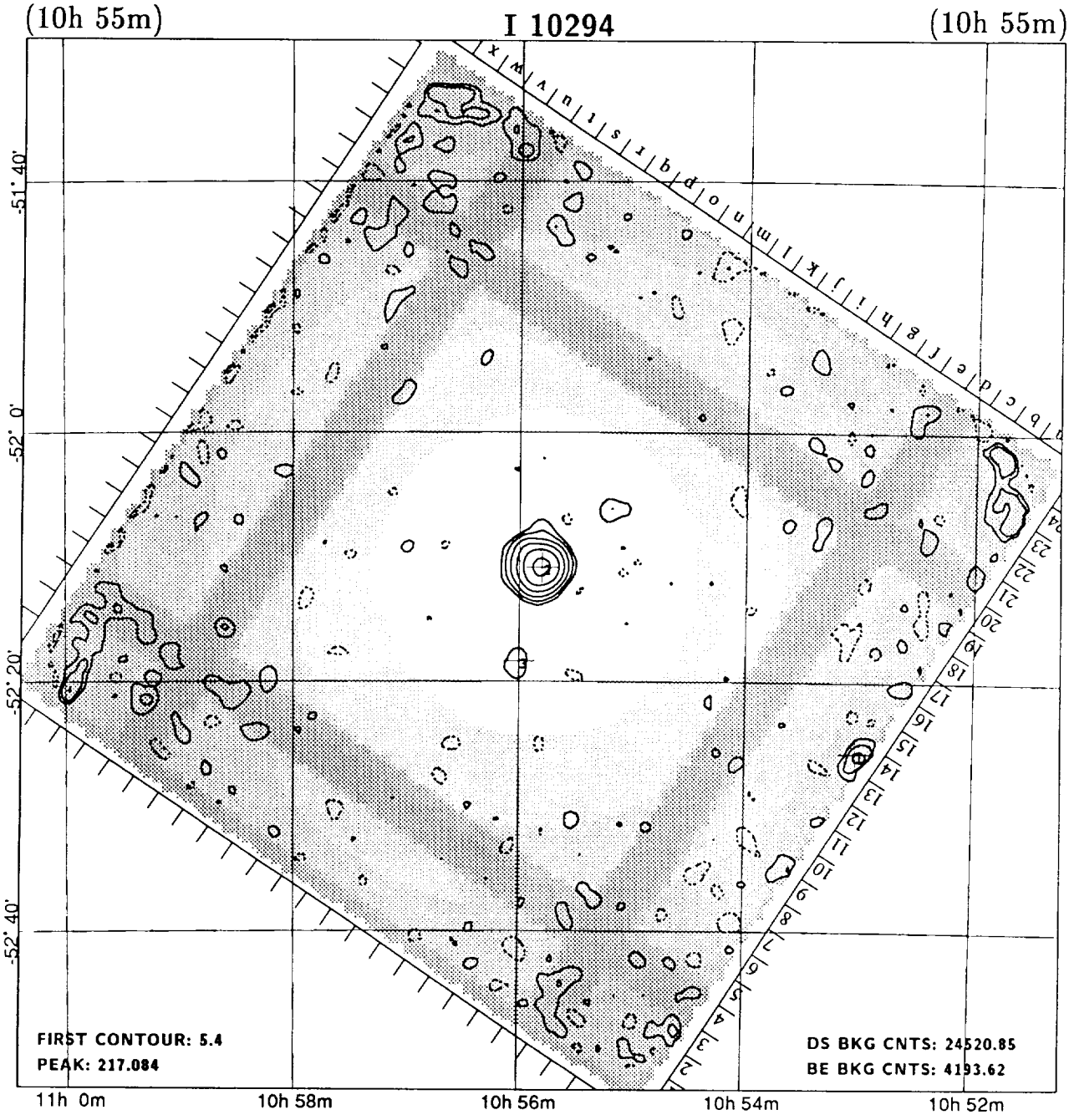
RADIO PULSAR PROJECT:

FIELD CENTER: $10^h55^m49.0^s$ $-52°10'45''$ (B1950)
$10^h57^m59.2^s$ $-52°26'50''$ (J2000)
ℓ: 285.98 b: 6.65

DATE: 1979/349 - 1979/350
LIVETIME: 11758.2s
ROLL ANGLE: -111.6°

NH: 1.3E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2363	1	10 55 00.9	-52 01 37	46	0.0041	0.0011	30.8	32.2	3.9	0.7	0	11.8	H	
2365	2	10 55 48.8	-52 10 49	31	0.0645	0.0028	565.0	40.0	23.0	1.4	0	0.4	AH	P



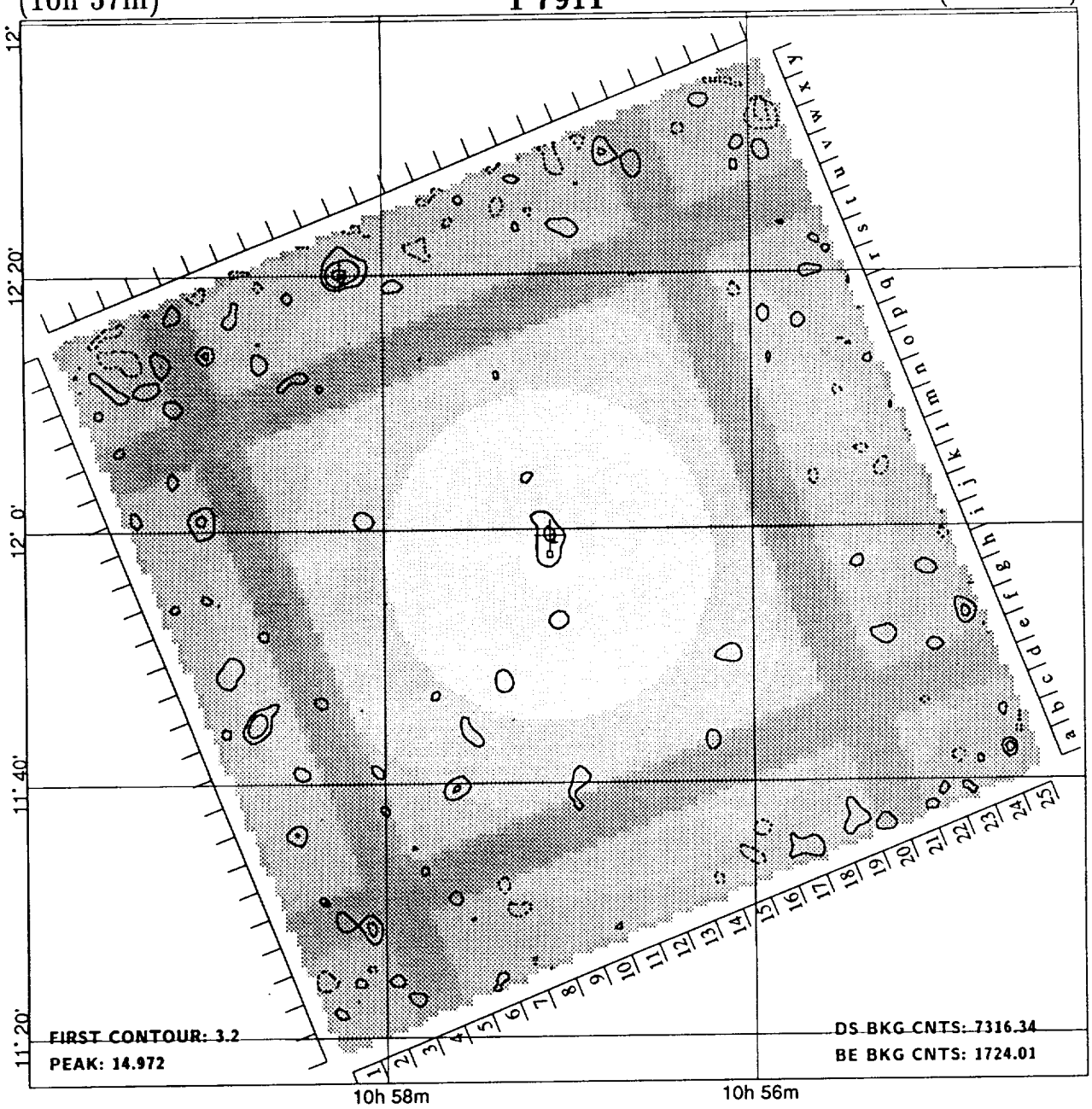
PSR 1055-52

FIELD CENTER: $10^h55^m49.0^s$ $-52°10'43''$ (B1950)
$10^h57^m59.2^s$ $-52°26'48''$ (J2000)
ℓ: 285.98 b: 6.65

DATE: 1981/ 26 - 1981/ 27
LIVETIME: 19870.0s
ROLL ANGLE: -146.5°

NH: 1.3E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2352	1	10 53 01.6	-52 25 38	85	*0.0057	0.0012	39.6	30.4	4.7	0.9	601	29.5	H	
2365	2	10 55 48.0	-52 10 51	31	0.0701	0.0023	1038.3	75.7	31.1	1.5	0	0.4	AH	P
2366	3	10 56 00.1	-52 18 21	43	0.00267	0.00076	36.9	72.1	3.5	0.6	0	8.1		



HD 95216,CORONAL ACTIVITY IN F,G, & K STARS

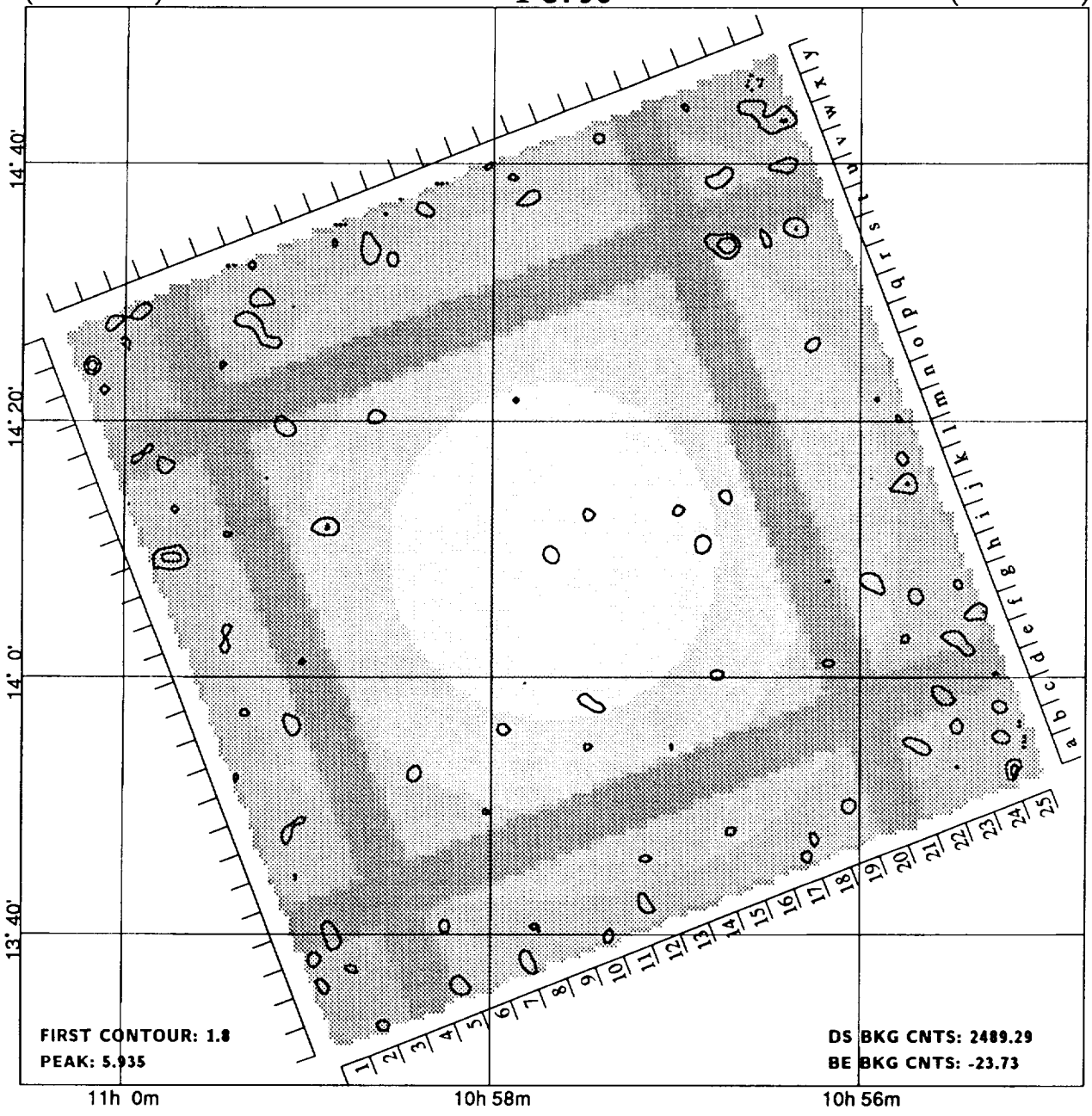
FIELD CENTER: $10^h57^m04.4^s$ $11°58'24''$ (B1950)
$10^h59^m41.8^s$ $11°42'18''$ (J2000)
ℓ: 237.93 b: 59.59

DATE: 1980/347 - 1980/347
LIVETIME: 5928.6s
ROLL ANGLE: -111.9°

NH: 2.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2367	1	10 57 06.0	11 59 29	37	0.0055	0.0016	24.2	22.8	3.5	1.1	0	1.6	H	
2371	2	10 58 13.8	12 19 58	51	0.0132	0.0030	30.2	15.8	4.5	1.0	0	27.6	H	

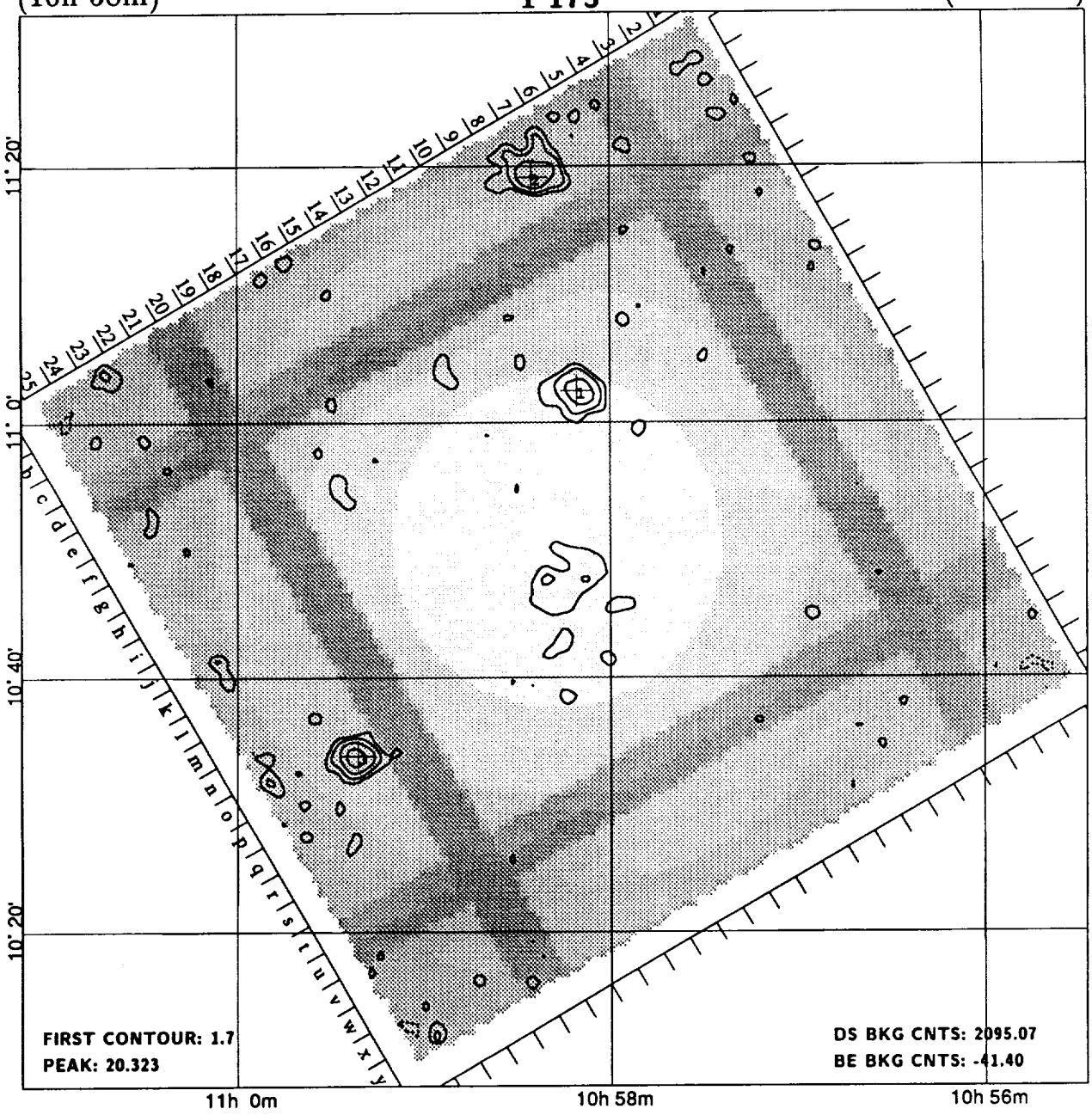
(10h 57m) **I 5796** (10h 57m)



NORMAL GALAXIES: N3489

FIELD CENTER:	$10^h57^m40.0^s$ 14°10′11″ (B1950)	**DATE:** 1980/349 - 1980/349	**NH:** 1.9E+20
	$11^h00^m18.1^s$ 13°54′05″ (J2000)	**LIVETIME:** 2017.1s	**REF/ID:**
	ℓ: 234.38 b: 60.91	**ROLL ANGLE:** -111.2°	**FIELD FLAGS:**

(10h 58m) **I 173** (10h 58m)



A1142 CLUSTER SURFACE BRIGHTNESS

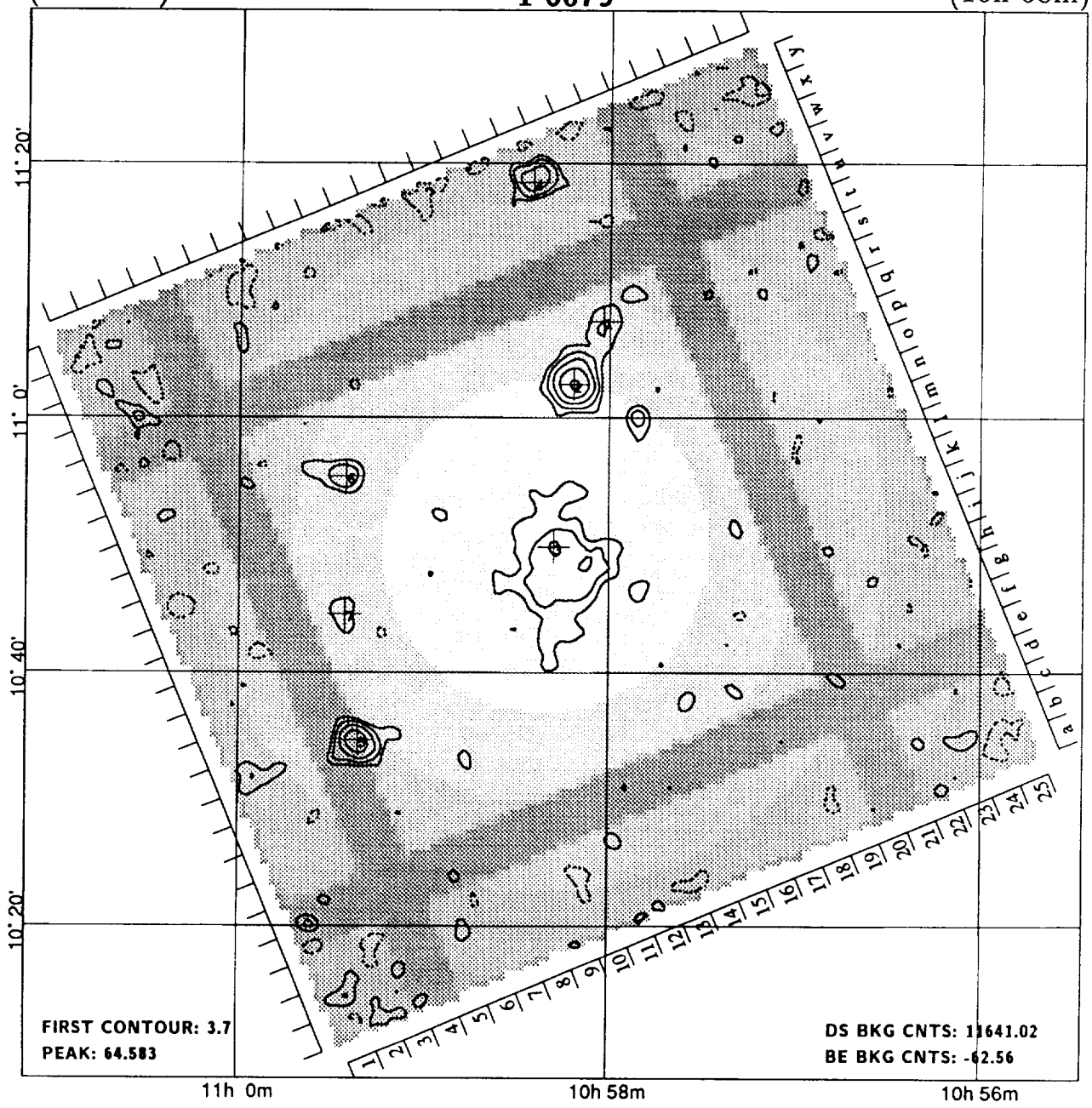
FIELD CENTER: $10^h58^m18.0^s$ $10°49'58''$ (B1950)
$11^h00^m55.0^s$ $10°33'51''$ (J2000)
ℓ: 240.10 b: 59.17

DATE: 1979/142 - 1979/142
LIVETIME: 1697.7s
ROLL ANGLE: 60.0°

NH: 2.2E+20
REF/ID: CLG
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2370	1	10 58 10.8	11 02 27	41	0.0353	0.0060	38.4	4.6	5.9	1.3	0	12.5	AH	
2374	2	10 58 25.3	11 19 07	51	0.0472	0.0091	29.8	3.2	5.2	1.5	0	29.3	AH	
2378	3	10 59 21.4	10 33 47	50	0.0586	0.0089	45.9	3.1	6.6	1.1	100	22.6	AH	

(10h 58m) **I 6079** (10h 58m)



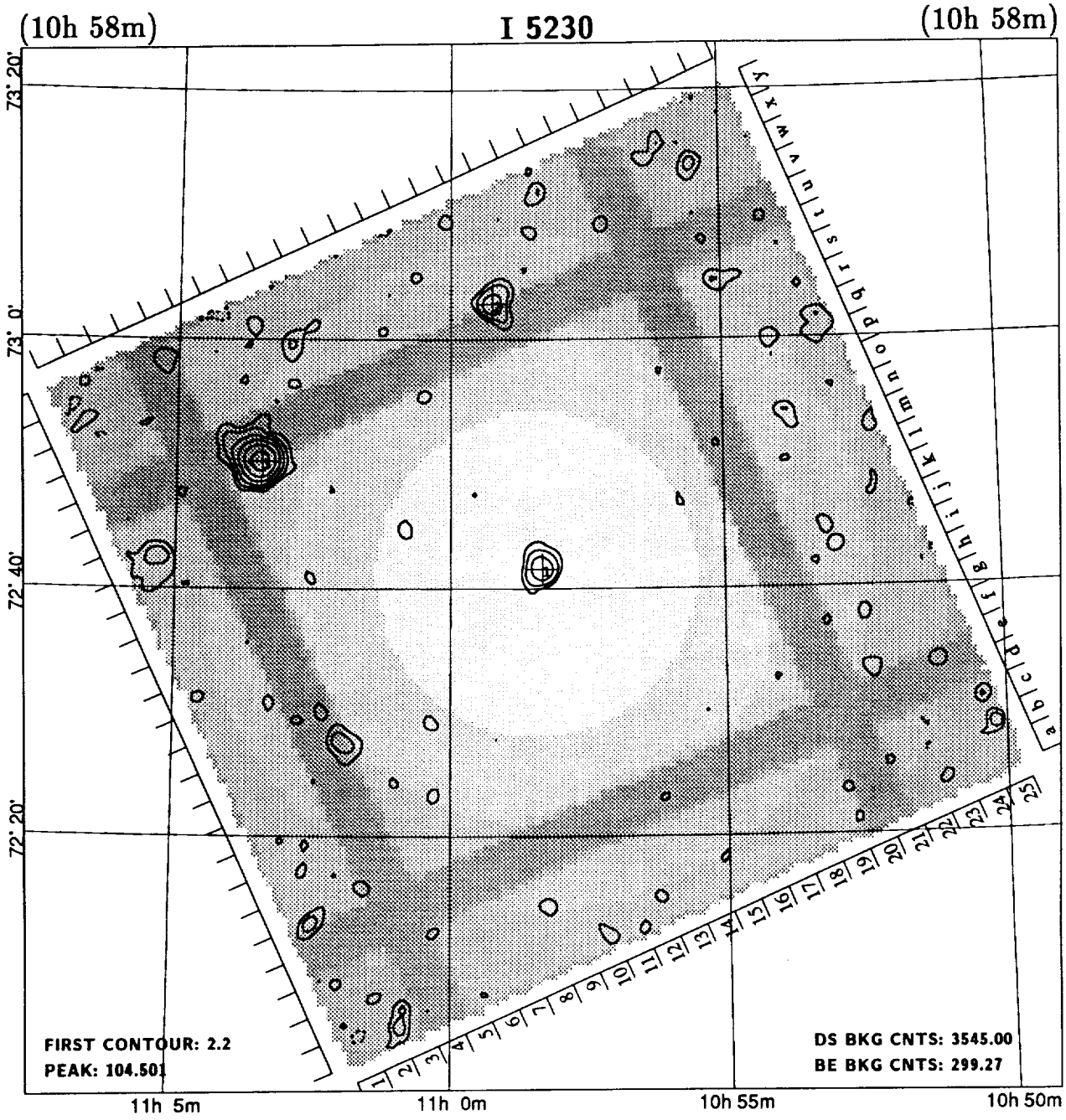
A1142,DETAILED STUDY OF CLUSTER EXTENTS

FIELD CENTER: $10^h58^m18.0^s$ $10°49'59''$ (B1950)
$11^h00^m55.0^s$ $10°33'52''$ (J2000)
ℓ: 240.10 b: 59.17

DATE: 1979/340 - 1979/340
LIVETIME: 9433.1s
ROLL ANGLE: -112.5°

NH: 2.2E+20
REF/ID: CLG
FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
2368	1	10 58 02.0	11 07 35	56	0.0059	0.0014	29.9	21.1	4.2	9.2	0	17.6	H
2370	2	10 58 11.7	11 02 35	38	0.0383	0.0027	226.1	23.9	14.3	1.4	0	12.8	AH
2372	3	10 58 17.9	10 49 50	35	0.0098	0.0014	69.2	28.8	7.0	5.2	0	0.4	H
2374	4	10 58 25.1	11 18 32	51	0.0160	0.0025	56.2	18.8	6.5	1.1	0	28.7	AH
2378	5	10 59 21.2	10 34 38	48	*0.0269	0.0026	123.7	17.3	10.4	1.1	907	21.9	AH
2379	6	10 59 25.4	10 55 24	51	0.0074	0.0015	39.1	20.9	5.0	1.0	0	17.5	H
2380	7	10 59 25.7	10 44 33	60	0.0048	0.0012	25.4	16.6	3.9	0.6	0	17.5	H



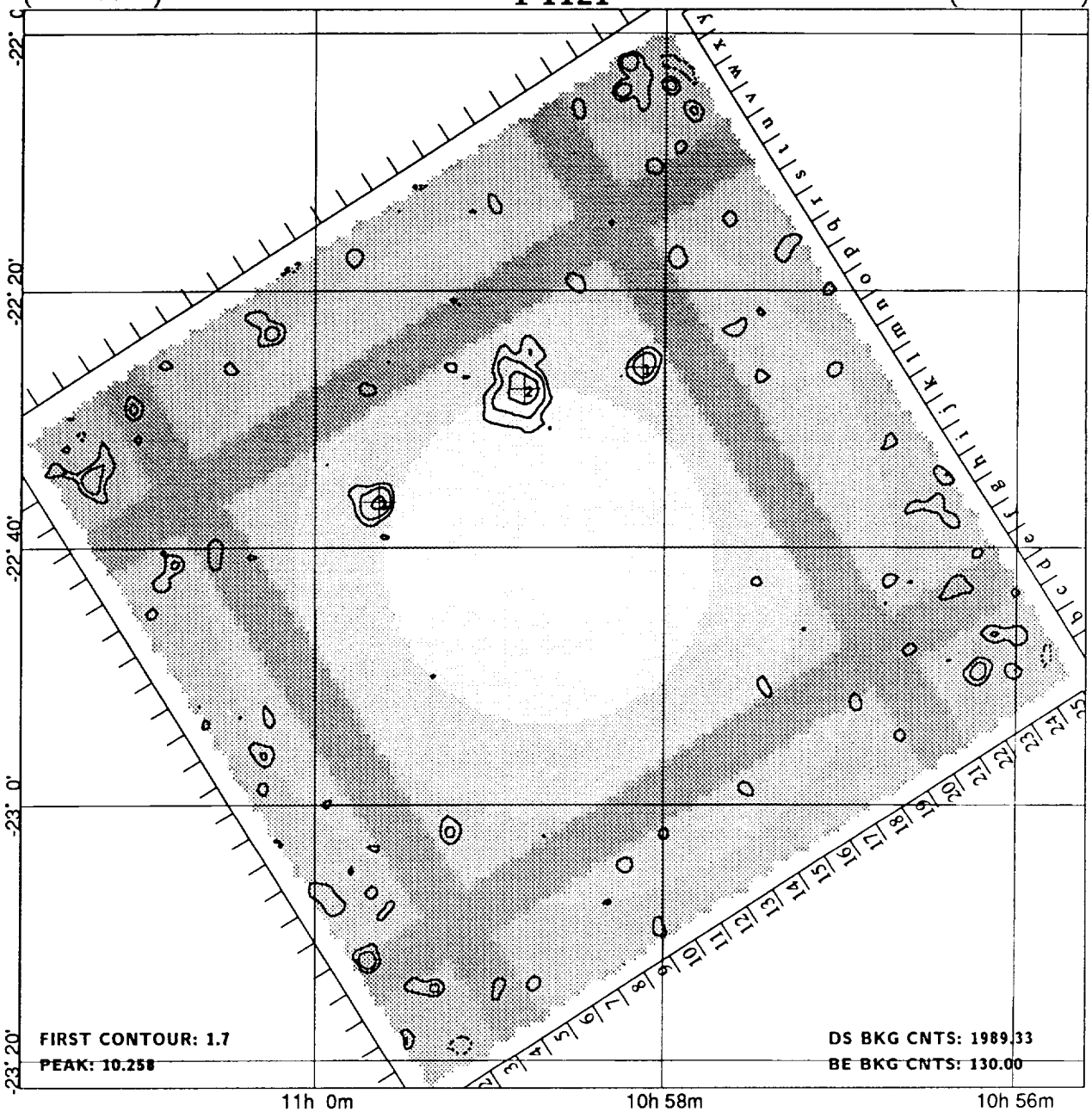
QSO 1058+72W1,RADIO WEAK QUASARS

FIELD CENTER: $10^h58^m20.1^s$ $72°41'44''$ (B1950)
$11^h01^m48.8^s$ $72°25'36''$ (J2000)
ℓ: 133.77 b: 42.32

DATE: 1979/324 - 1979/324
LIVETIME: 2872.6s
ROLL ANGLE: -113.9°

NH: 3.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2373	1	10 58 19.7	72 41 37	34	0.0281	0.0039	60.2	9.8	7.2	1.0	0	0.2	AH	Q
2377	2	10 59 14.0	73 02 52	51	*0.0246	0.0045	33.9	4.1	5.5	1.0	906	21.3	AH	AGN
2395	3	11 03 27.0	72 50 12	47	*0.190	0.012	242.4	5.6	15.4	1.1	907	24.4	AH	

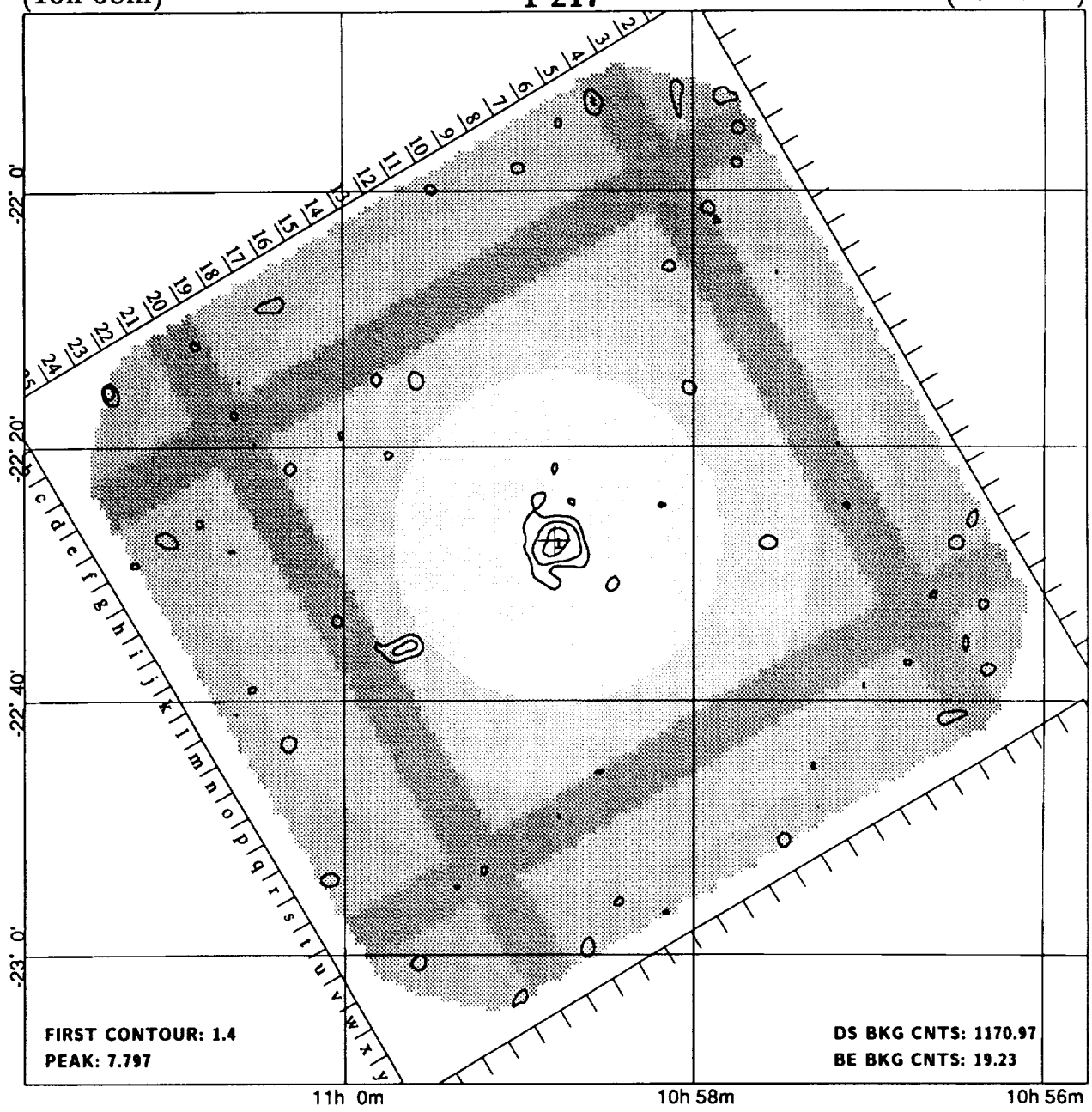


2A1058-226, UNIDENTIFIED HIGH LATITUDE SOURCE

FIELD CENTER: $10^h58^m38.4^s$ -22°40'11" (B1950) DATE: 1980/ 1 - 1980/ 1 NH: 5.3E+20
$11^h01^m04.8^s$ -22°56'19" (J2000) LIVETIME: 1612.0s REF/ID:
ℓ: 272.26 b: 33.28 ROLL ANGLE: -122.4° FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2369	1	10 58 07.5	-22 25 58	52	0.0183	0.0050	16.7	4.3	3.6	0.8	100	15.9	H	
2375	2	10 58 48.1	-22 27 39	41	0.0445	0.0070	44.4	4.6	6.3	2.0	0	12.9	AH	CLG
2382	3	10 59 37.9	-22 36 26	42	0.0255	0.0055	24.8	4.2	4.6	1.0	0	14.3	H	

(10h 58m) **I 217** (10h 58m)



A 1146 CLUSTER EVOLUTION

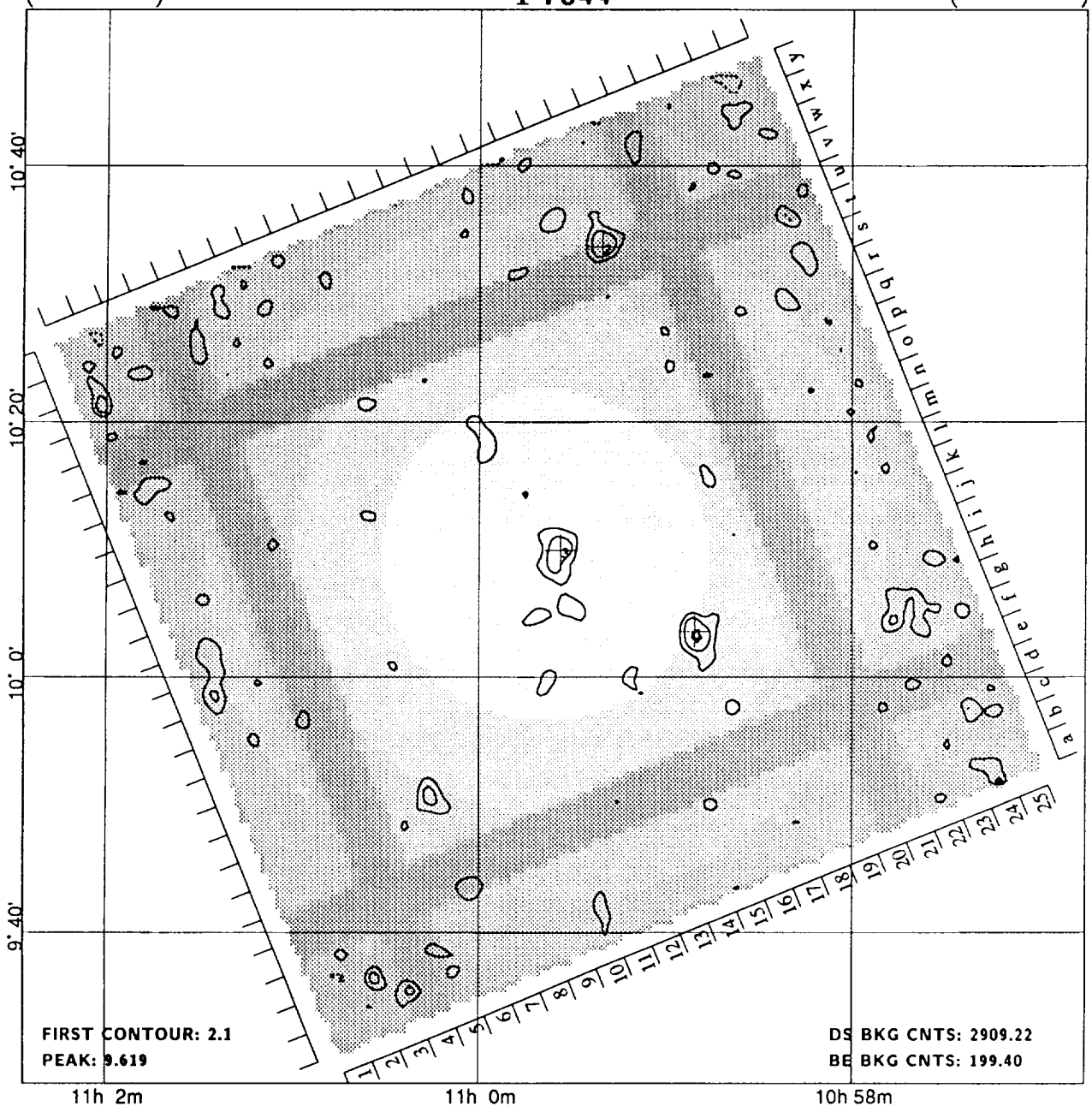
FIELD CENTER: $10^h58^m47.0^s$ $-22°27'59''$ (B1950) | $11^h01^m13.5^s$ $-22°44'08''$ (J2000) | ℓ: 272.17 b: 33.47

DATE: 1979/179 - 1979/179 | **LIVETIME:** 948.9s | **ROLL ANGLE:** 59.5°

NH: 5.3E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2375	1	10 58 47.6	-22 27 20	35	0.0510	0.0088	36.1	2.9	5.8	1.6	0	0.9	AH	CLG

(10h 59m) **I 7844** (10h 59m)



AM LEO,SURVEY OF W URSAE MAJORIS STARS

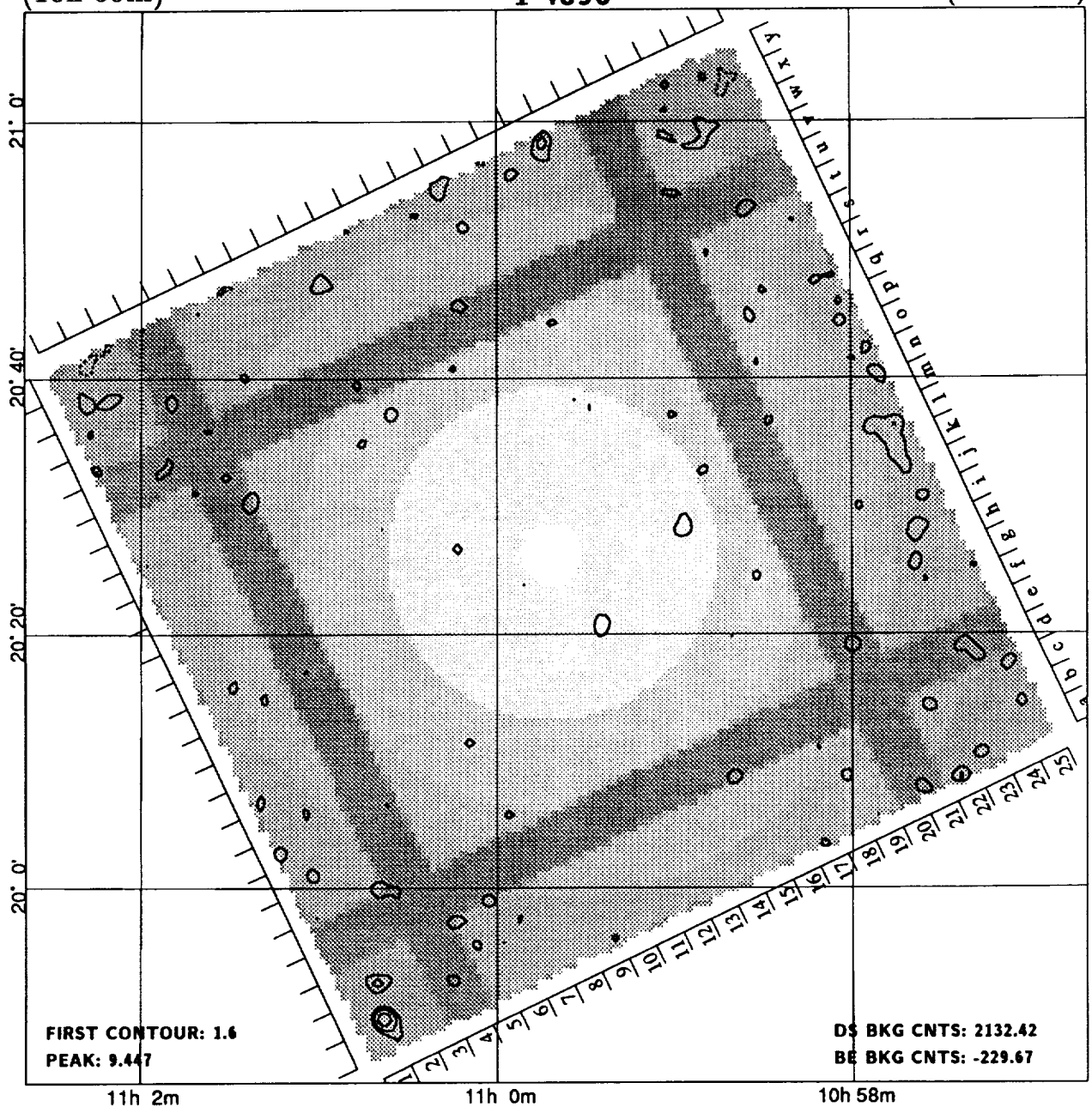
FIELD CENTER: $10^h59^m36.0^s$ $10°10'11''$ (B1950)
$11^h02^m12.7^s$ $09°54'02''$ (J2000)
ℓ: 241.50 b: 59.03

DATE: 1980/348 - 1980/348
LIVETIME: 2357.4s
ROLL ANGLE: -112.1°

NH: 2.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2376	1	10 58 50.5	10 03 34	42	0.0187	0.0040	27.5	6.5	4.7	1.0	0	13.4	H	
2378	2	10 59 20.4	10 33 37	55	*0.0192	0.0046	19.8	3.2	4.1	0.9	1007	23.9	AH	
2381	3	10 59 33.7	10 09 57	36	0.0186	0.0037	32.7	8.3	5.1	1.2	0	0.4	H	S

(10h 59m) **I 4896** (10h 59m)

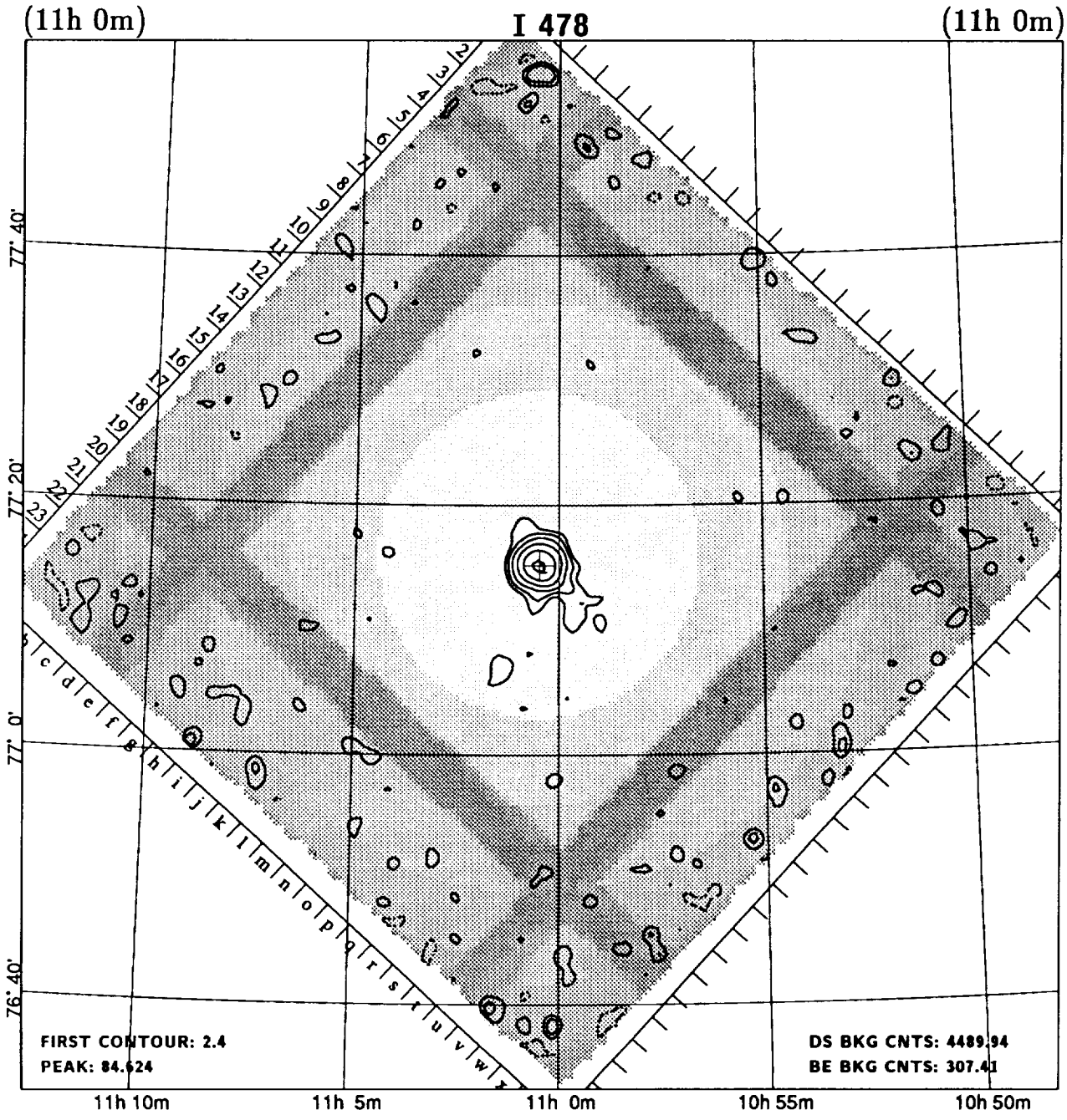


STAR 60 LEO (HD 95608),AP STARSA

FIELD CENTER: $10^h59^m39.8^s$ 20°26′52″ (B1950)
$11^h02^m19.8^s$ 20°10′43″ (J2000)
ℓ: 222.62 b: 64.13

DATE: 1979/339 - 1979/340
LIVETIME: 1728.0s
ROLL ANGLE: -115.4°

NH: 1.6E+20
REF/ID:
FIELD FLAGS:



3CR 249.1 (QSO 1100+772) QUASAR SURVEY

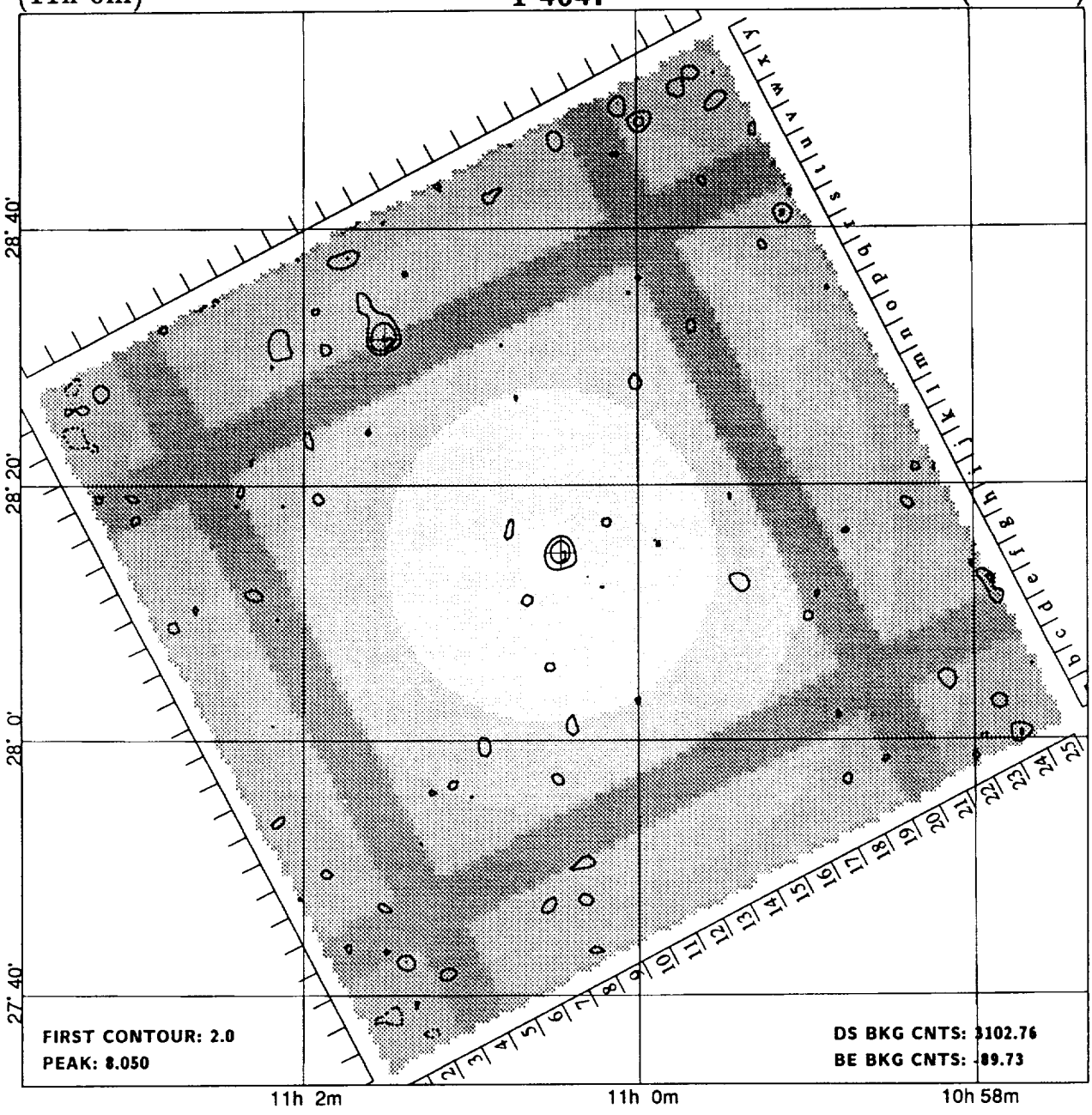
FIELD CENTER: $11^h00^m27.4^s$ $77°15'08''$ (B1950)
$11^h04^m13.8^s$ $76°58'58''$ (J2000)
ℓ: 130.39 b: 38.55

DATE: 1979/117 - 1980/111
LIVETIME: 3638.4s
ROLL ANGLE: 42.5°

NH: 3.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2389	1	11 00 28.9	77 15 11	31	0.1376	0.0072	372.8	12.2	19.0	1.4	0	0.2	H	Q

(11h 0m) **I 4047** (11h 0m)



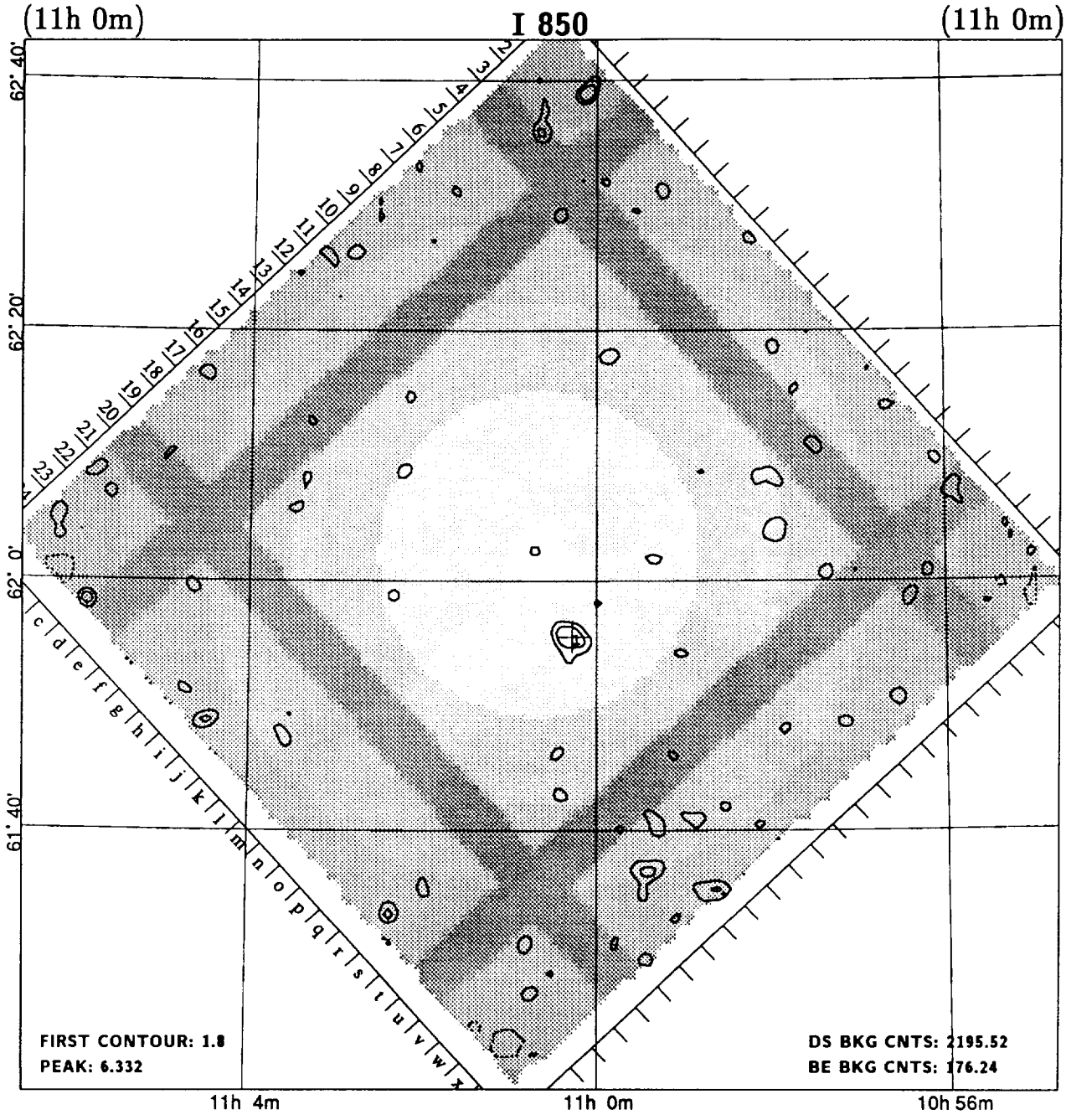
NGC 3504 NUCLEUS

FIELD CENTER: $11^h00^m30.0^s$ $28°14'59''$ (B1950)
$11^h03^m12.7^s$ $27°58'49''$ (J2000)
ℓ: 204.58 b: 66.05

DATE: 1979/341 - 1979/341
LIVETIME: 2514.3s
ROLL ANGLE: -117.5°

NH: 1.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2388	1	11 00 27.8	28 14 38	36	0.0146	0.0032	27.2	7.8	4.6	0.7	0	0.8	H	
2391	2	11 01 30.8	28 31 23	53	*0.0172	0.0041	20.9	4.1	4.2	1.0	905	21.2	H	



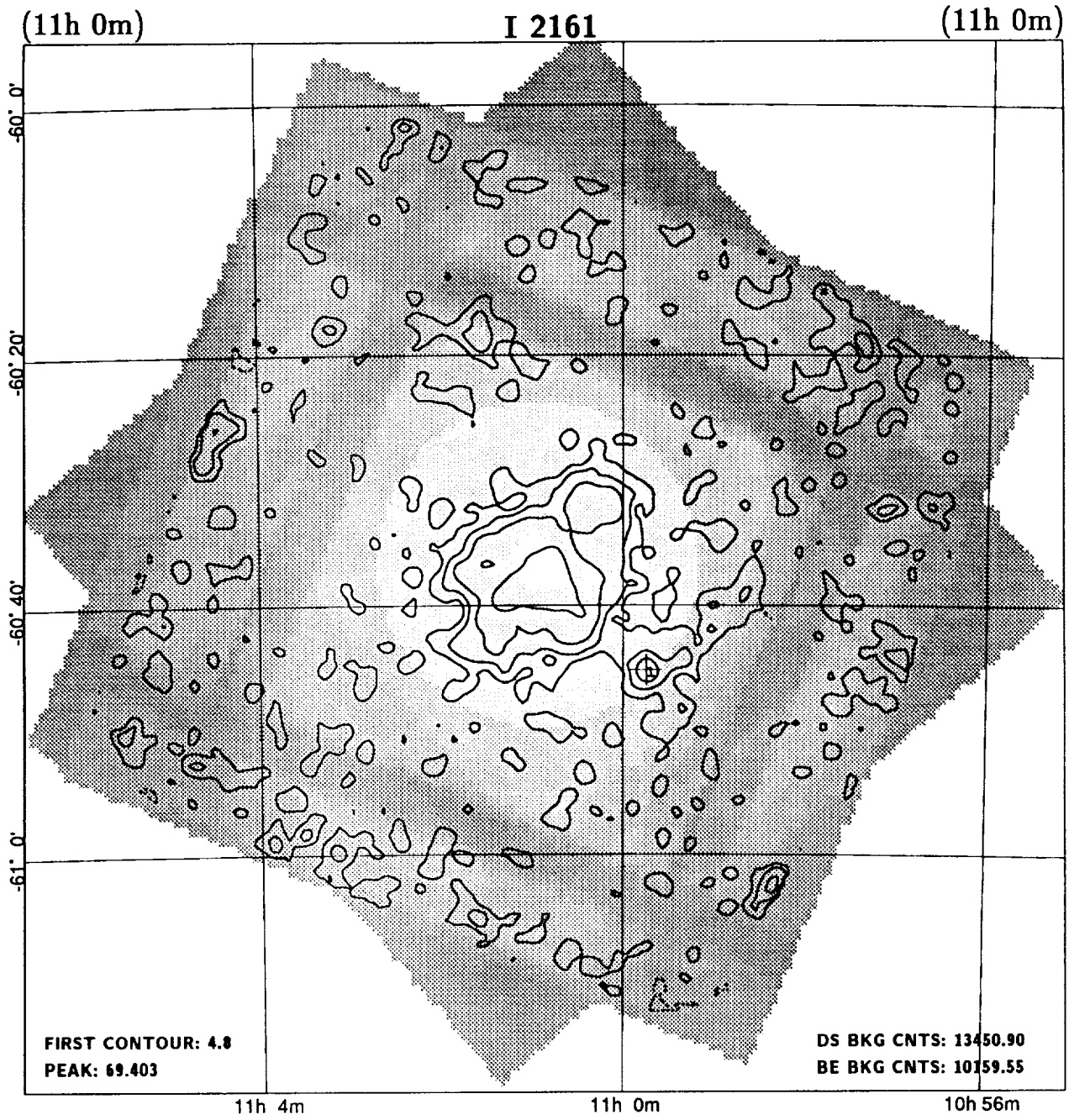
ALPHA UMA (DUBHE) STELLAR OBSERVATIONS, G STARS

FIELD CENTER: $11^h00^m39.5^s$ $62°01'16''$ (B1950) | $11^h03^m44.4^s$ $61°45'06''$ (J2000) | ℓ: 142.85 b: 51.01

DATE: 1979/117 - 1979/117 | **LIVETIME:** 1779.1s | **ROLL ANGLE:** 47.3°

NH: 8.0E+19 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2385	1	11 00 16.7	61 55 32	42	0.0174	0.0042	21.6	5.4	4.2	0.9	0	6.3		S



X-RAY STUDY OF SUPERNOVA REMNANTS: G290.1-0.8=MSH11-61A

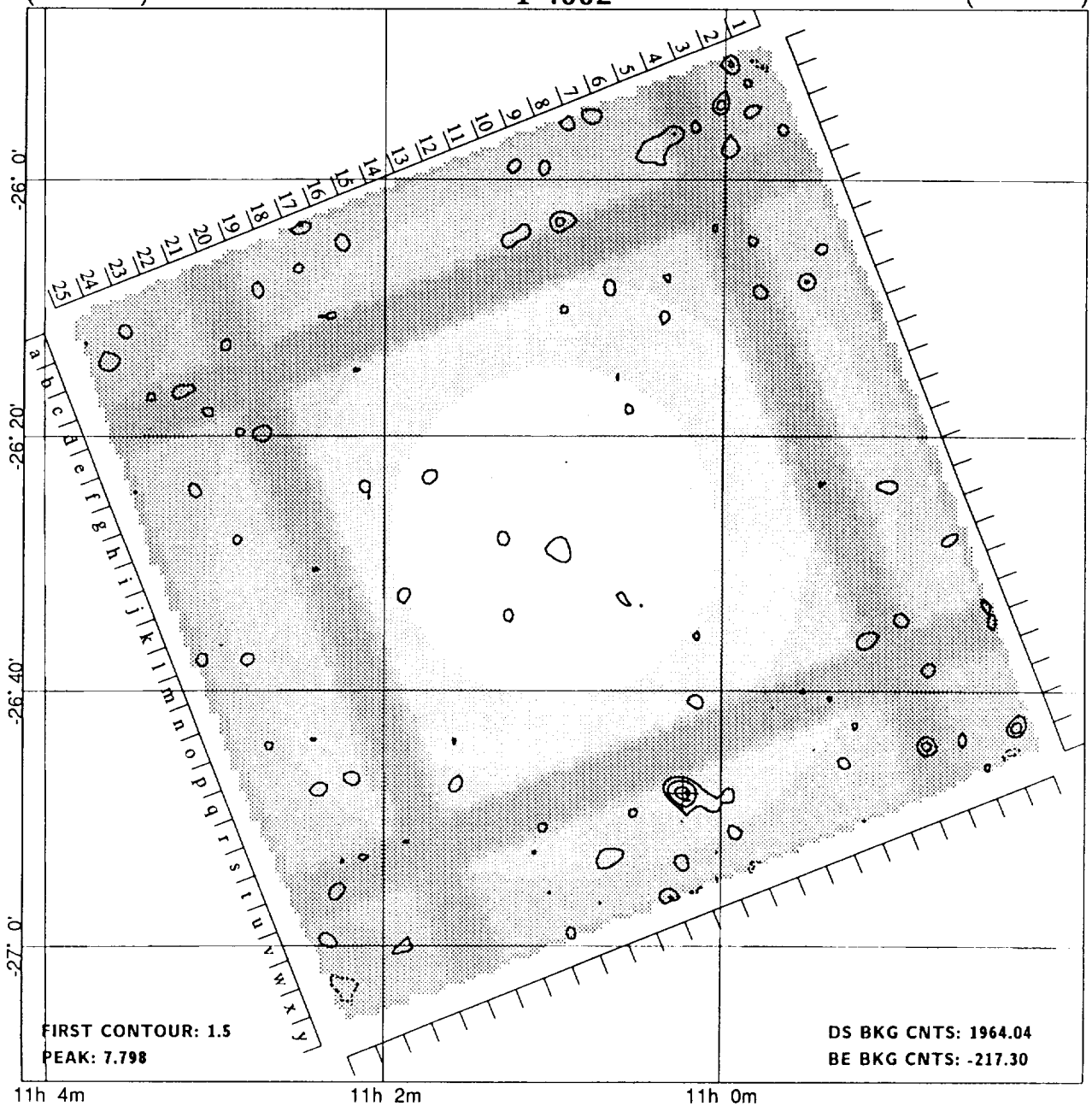
FIELD CENTER: $11^h00^m51.8^s$ $-60°36'56''$ (B1950)
$11^h02^m55.6^s$ $-60°53'07''$ (J2000)
ℓ: 290.11 b: -0.74

DATE: 1979/192 - 1980/ 40
LIVETIME: 10899.7s

NH: 1.2E+21
REF/ID: S
FIELD FLAGS: DLS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2383	1L	10 59 44.4	-60 45 12	38	0.0106	0.0020	74.3	59.7	5.2	35.5	0	11.7		

(11h 1m) **I 4002** (11h 1m)



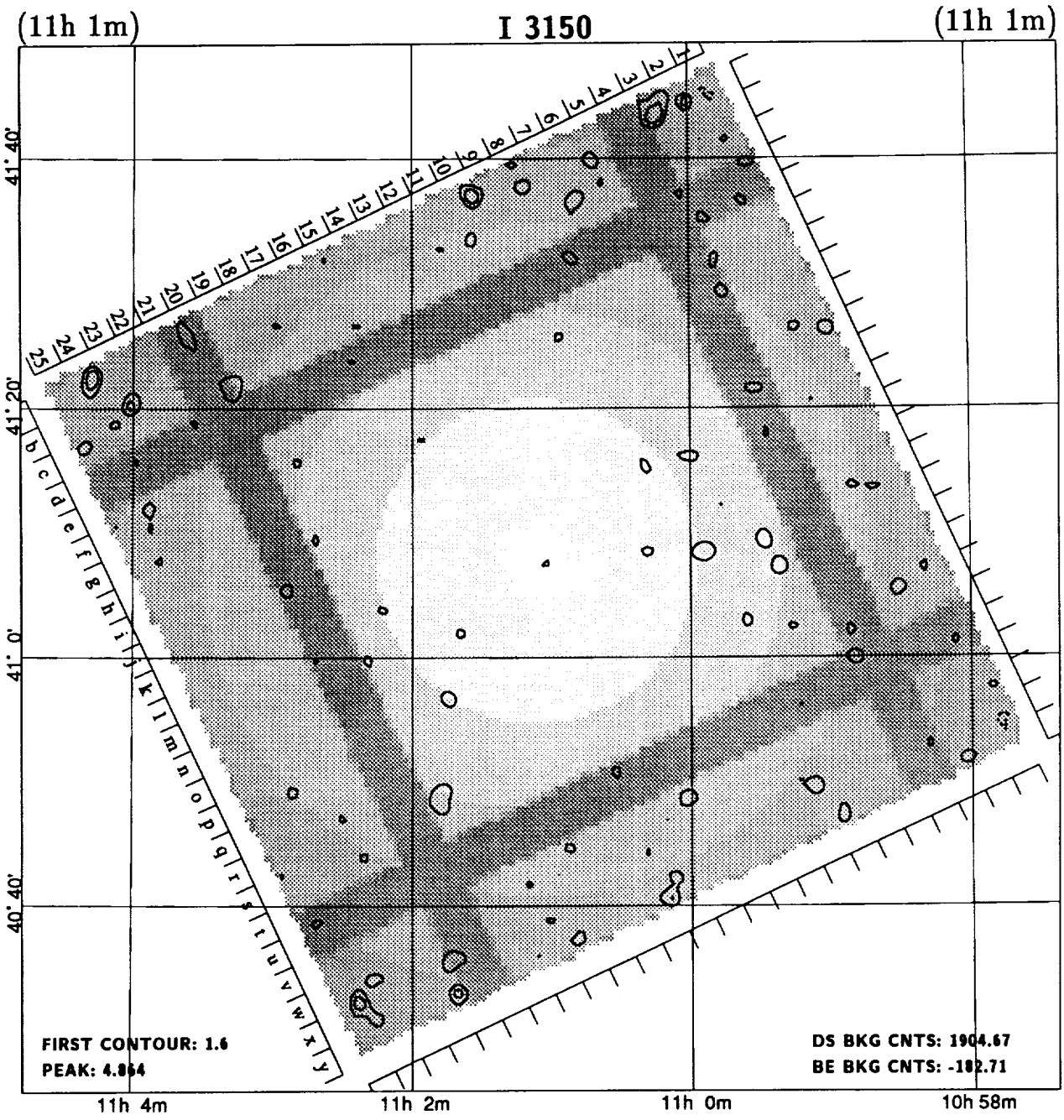
QUASAR Q 1101-264

FIELD CENTER: $11^h01^m00.0^s$ -26°28′39″ (B1950) | $11^h03^m25.4^s$ -26°44′50″ (J2000) | ℓ: 274.96 b: 30.19

DATE: 1980/161 - 1980/161 | **LIVETIME:** 1591.5s | **ROLL ANGLE:** 68.3°

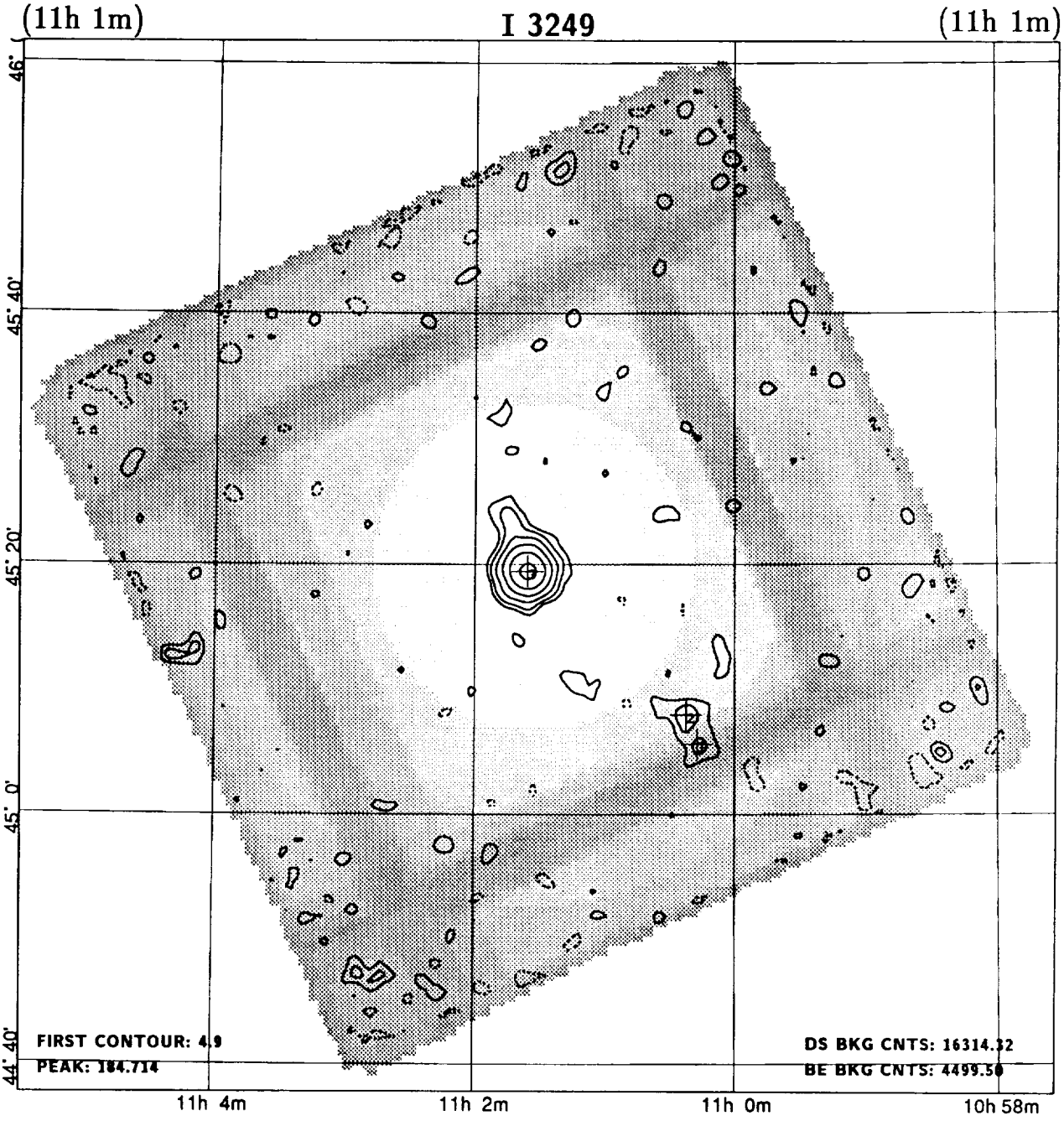
NH: 5.5E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2384	1	11 00 13.5	-26 47 56	53	*0.0194	0.0055	14.4	2.6	3.5	1.0	501	21.9	H	



ARP 148: RING GALAXIES SURVEY

FIELD CENTER:	$11^h01^m04.7^s$ $41°07'11''$ (B1950)	**DATE:** 1979/144 - 1979/144	**NH:** 1.3E+20
	$11^h03^m52.8^s$ $40°51'01''$ (J2000)	**LIVETIME:** 1543.4s	**REF/ID:**
	ℓ: 174.19 b: 63.98	**ROLL ANGLE:** 64.9°	**FIELD FLAGS:**



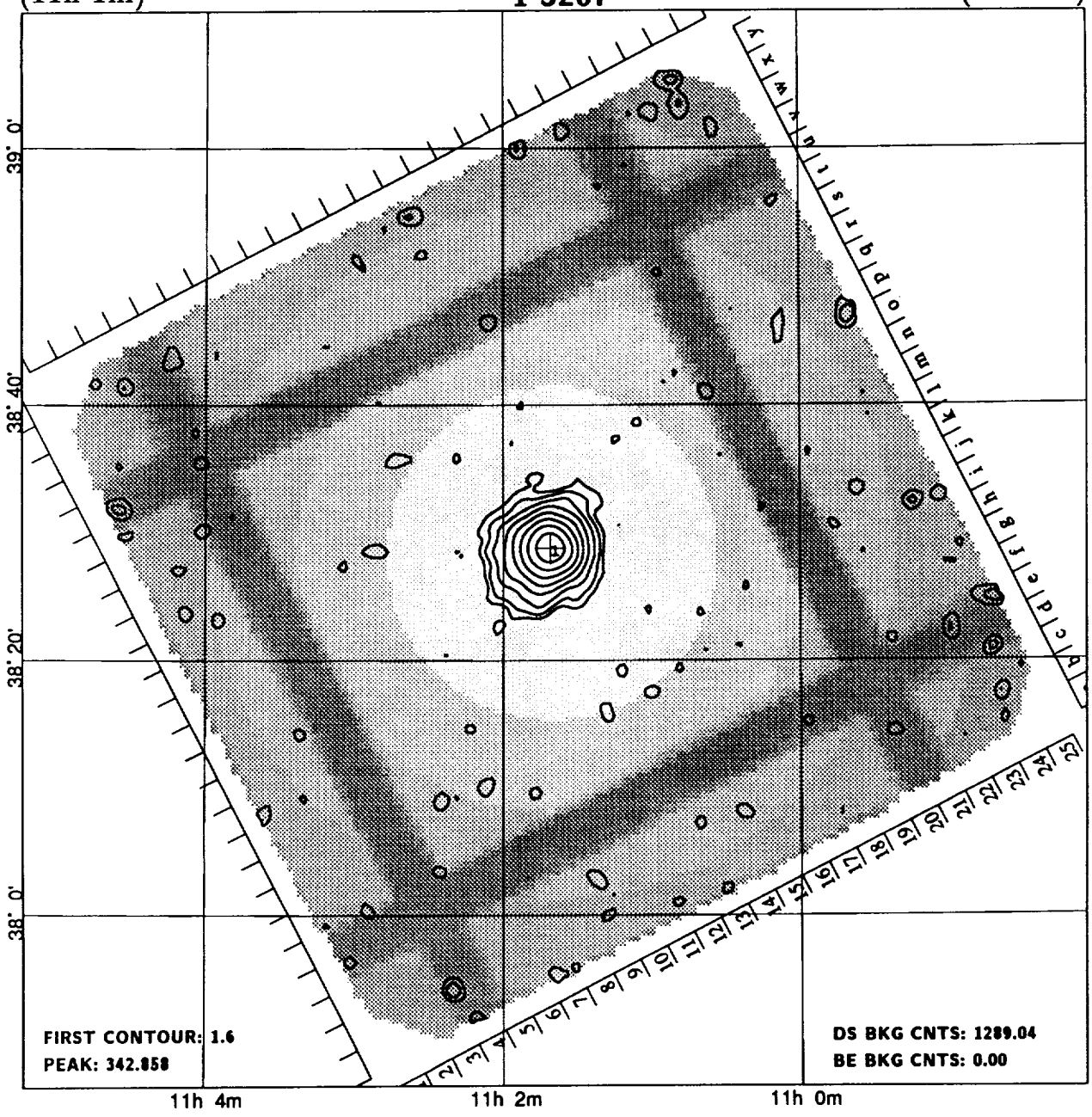
HIGH POLARIZATION VARIABLES: AN UMA

FIELD CENTER: $11^h01^m31.2^s$ $45°19'47''$ (B1950)
$11^h04^m21.5^s$ $45°03'36''$ (J2000)
ℓ: 165.83 b: 62.13

DATE: 1979/139 - 1979/325
LIVETIME: 13220.1s

NH: 1.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2386	1	11 00 17.1	45 05 37	65	*0.0051	0.0011	35.2	25.8	4.5	2.2	1209	19.3		
2387	2	11 00 22.2	45 07 57	51	0.0055	0.0012	40.9	42.1	4.5	1.9	400	17.0	H	
2392	3	11 01 35.6	45 19 26	31	0.0868	0.0031	855.6	51.4	28.4	1.6	0	0.9	H	S



BL LAC MK 421,QUASI-SIMULTANEOUS OBSERVATION WITH IUE

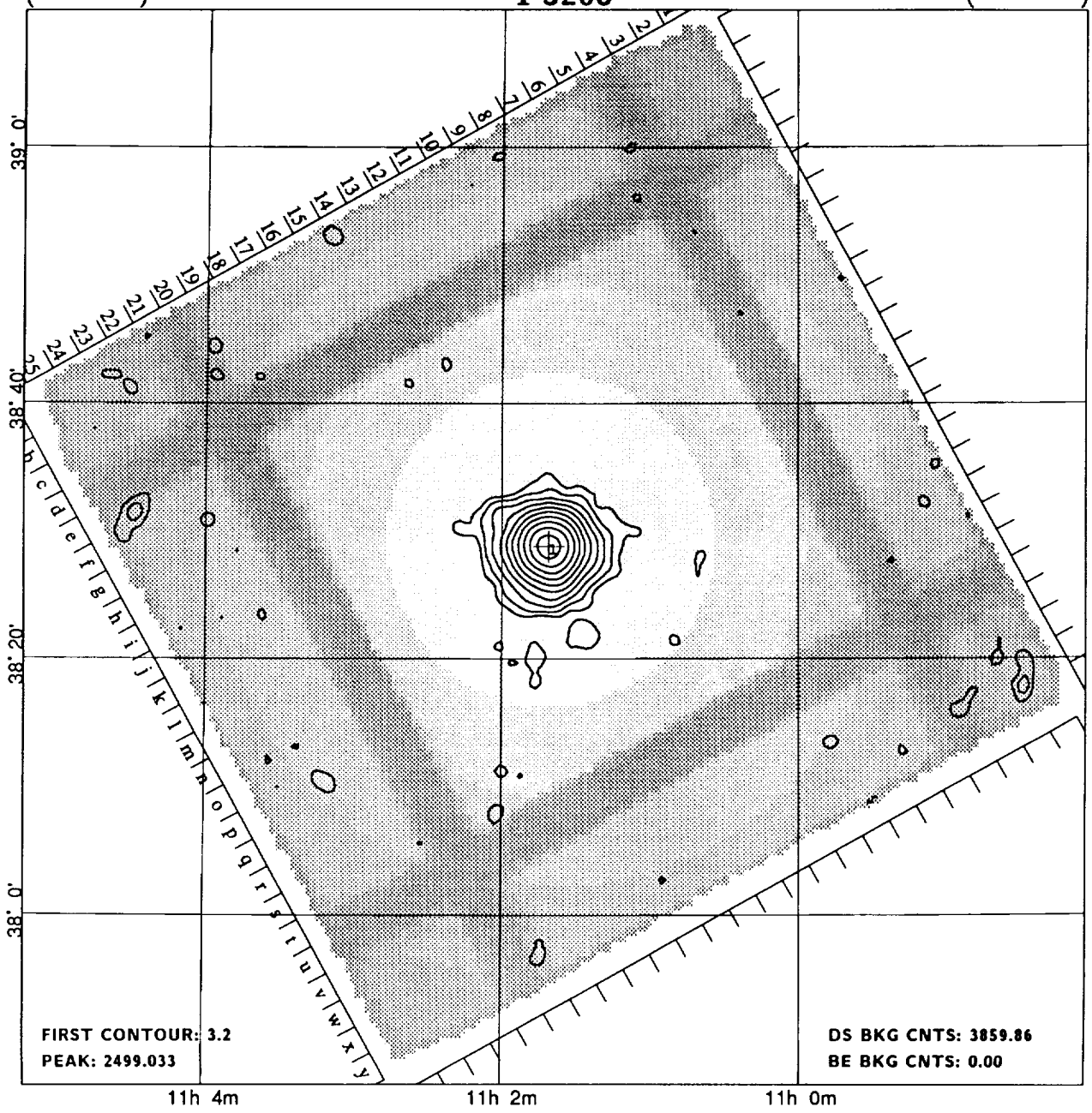
FIELD CENTER: $11^h01^m39.0^s$ $38°28'42''$ (B1950)
$11^h04^m25.7^s$ $38°12'31''$ (J2000)
ℓ: 179.84 b: 65.03

DATE: 1979/324 - 1979/328
LIVETIME: 1044.6s
ROLL ANGLE: -117.2°

NH: 1.8E+20
REF/ID: I
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2393	1L	11 01 40.8	38 28 44	31	1.617	0.060	1259.9	347.1	26.9	1.6	0	0.4	A	*

(11h 1m) **I 5208** (11h 1m)



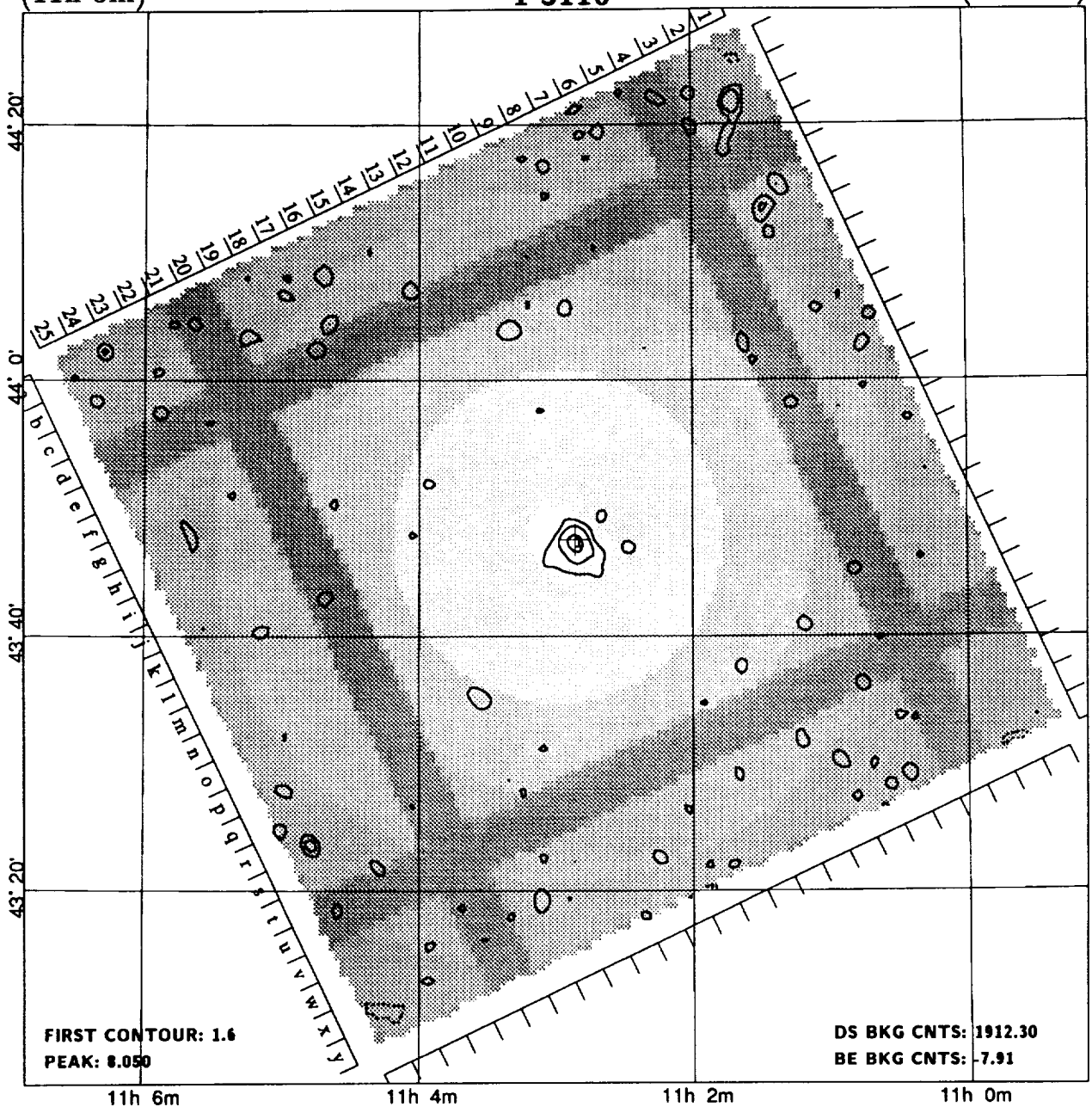
BL LAC MK 421,QUASI-SIMULTANEOUS OBSERVATION WITH IUE

FIELD CENTER: $11^h01^m39.0^s$ $38°28'42''$ (B1950)
$11^h04^m25.7^s$ $38°12'31''$ (J2000)
ℓ: 179.84 b: 65.03

DATE: 1980/133 - 1980/138
LIVETIME: 3127.8s
ROLL ANGLE: 61.0°

NH: 1.8E+20
REF/ID: !
FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2393	1L	11 01 41.0	38 28 47	31	4.008	0.052	9348.7	1873.3	76.7	1.4	0	0.3	A	*



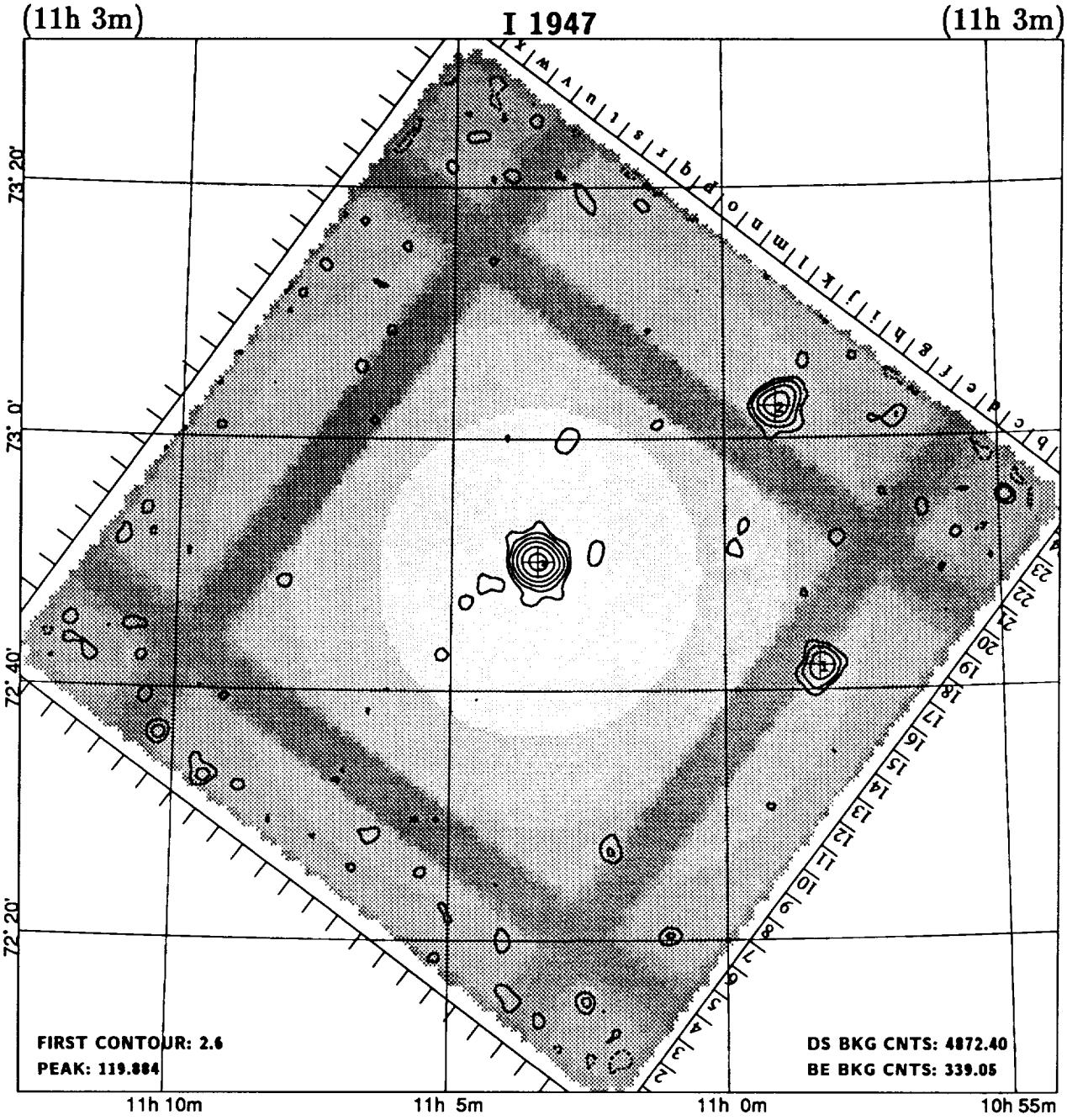
COHERENT SAMPLING OF NEARBY STARS: WX UMA A/B

FIELD CENTER: $11^h03^m00.0^s$ $43°46'59''$ (B1950)
$11^h05^m49.0^s$ $43°30'47''$ (J2000)
ℓ: 168.46 b: 63.13

DATE: 1979/144 - 1979/144
LIVETIME: 1549.6s
ROLL ANGLE: 64.7°

NH: 1.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2394	1	11 02 51.7	43 47 37	36	0.0268	0.0051	30.8	4.2	5.2	1.4	0	1.7	H	S



NGC 3516: SEYFERT AND N-TYPE GALAXIES

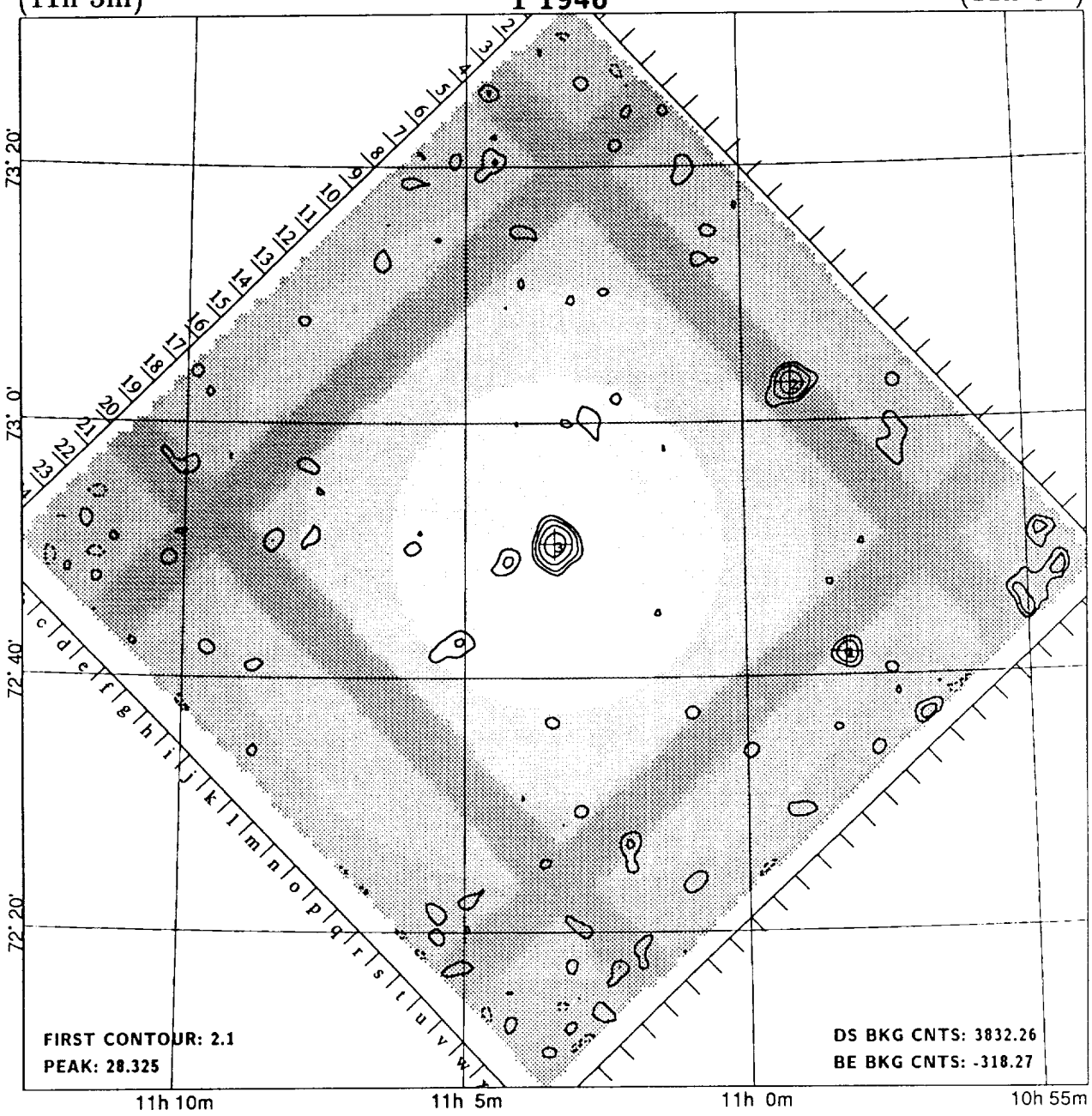
FIELD CENTER: $11^h03^m24.0^s$ $72°49'59''$ (B1950)
$11^h06^m48.6^s$ $72°33'46''$ (J2000)
ℓ: 133.24 b: 42.41

DATE: 1979/278 - 1979/293
LIVETIME: 3948.3s
ROLL ANGLE: -143.3°

NH: 3.0E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2373	1	10 58 17.5	72 41 57	50	*0.0270	0.0042	47.9	8.1	6.4	1.0	805	23.9	AH	Q
2377	2	10 59 03.0	73 02 39	48	0.0530	0.0057	95.7	9.3	9.3	1.1	200	22.8	AH	AGN
2395	3	11 03 25.2	72 50 14	31	0.1561	0.0074	458.5	13.5	21.1	1.1	0	0.4	AH	

(11h 3m) **I 1948** (11h 3m)



NGC 3516: SEYFERT AND N-TYPE GALAXIES

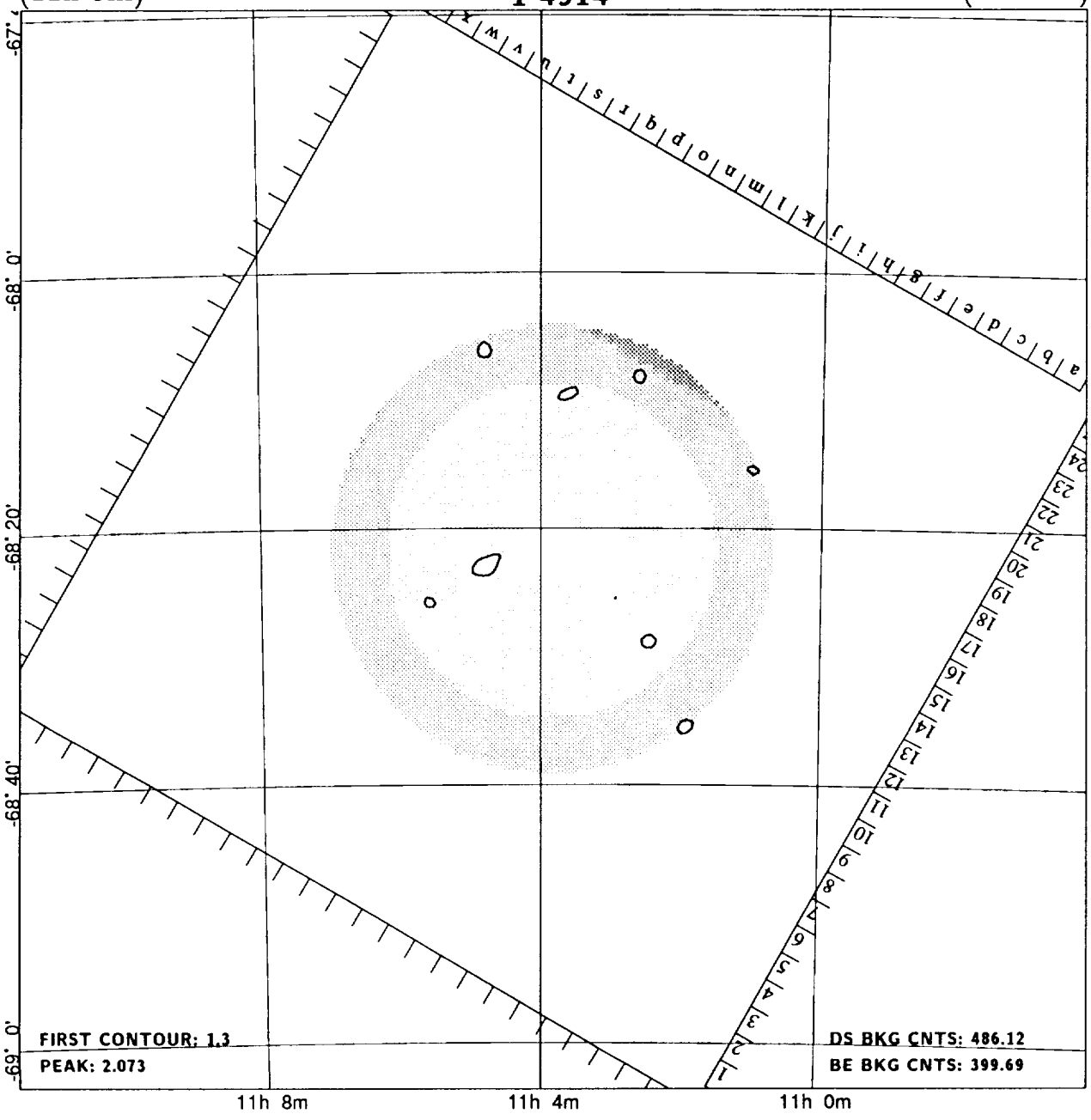
FIELD CENTER: $11^h03^m24.0^s$ $72°49'59''$ **(B1950)**
$11^h06^m48.6^s$ $72°33'46''$ **(J2000)**
ℓ: **133.24** b: **42.41**

DATE: 1979/117 - 1979/117
LIVETIME: 3105.4s
ROLL ANGLE: 46.5°

NH: 3.0E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2373	1	10 58 14.2	72 41 52	55	*0.0120	0.0033	16.6	4.4	3.6	0.7	703	24.4	AH	Q
2377	2	10 59 08.0	73 02 57	50	*0.0249	0.0043	36.7	4.3	5.7	0.9	1309	22.8	A	AGN
2395	3	11 03 24.1	72 50 32	31	0.0462	0.0046	107.0	8.0	10.0	1.1	0	0.7	AH	

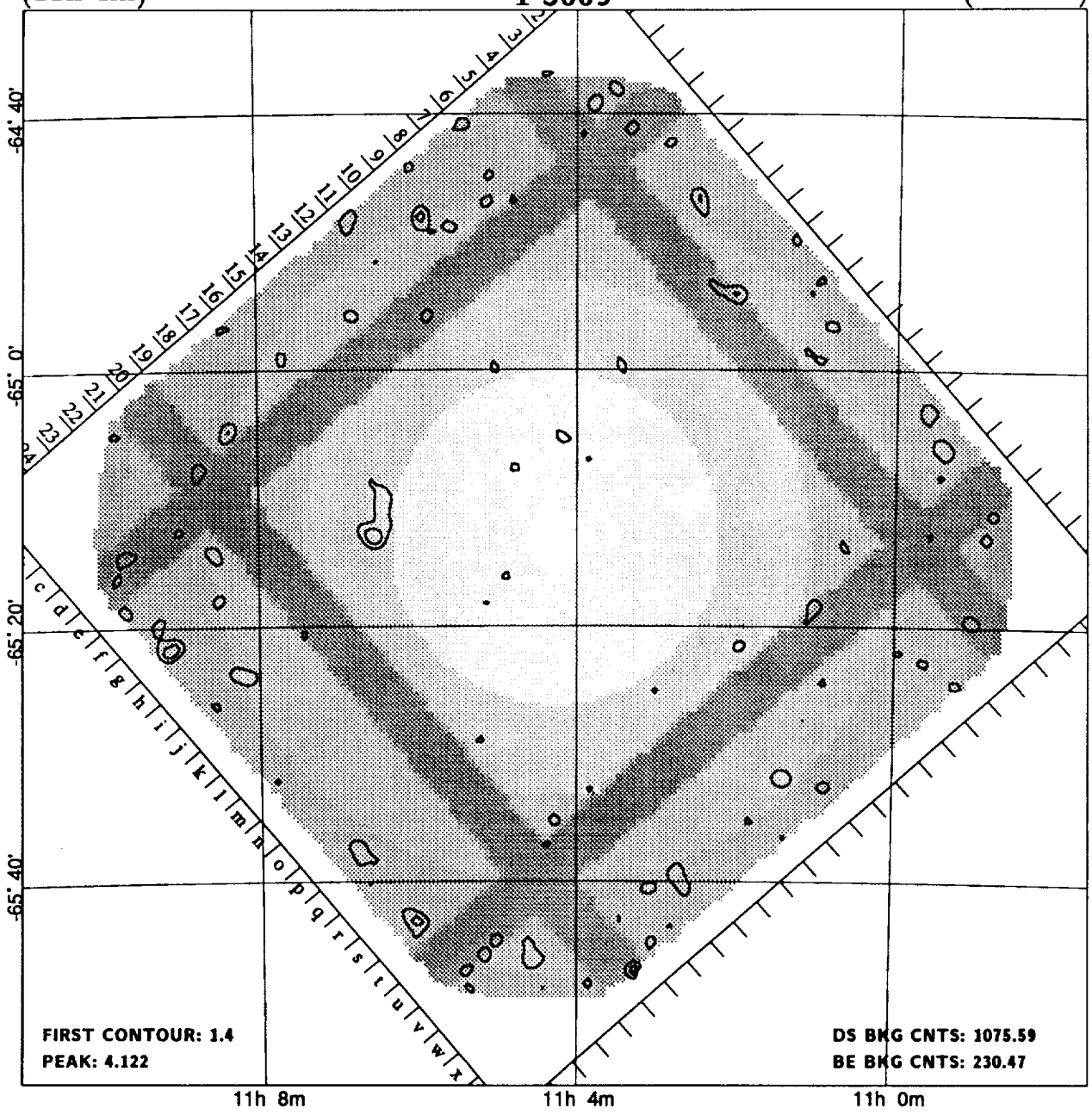
(11h 3m) **I 4914** (11h 3m)



STAR HDE 310376

FIELD CENTER:	$11^h03^m50.4^s$ -68°21′39″ (B1950)	**DATE:** 1980/ 36 - 1980/ 36	**NH:** 1.3E+21
	$11^h05^m43.6^s$ -68°37′53″ (J2000)	**LIVETIME:** 393.9s	**REF/ID:**
	ℓ: 293.51 b: -7.71	**ROLL ANGLE:** -150.1°	**FIELD FLAGS:**

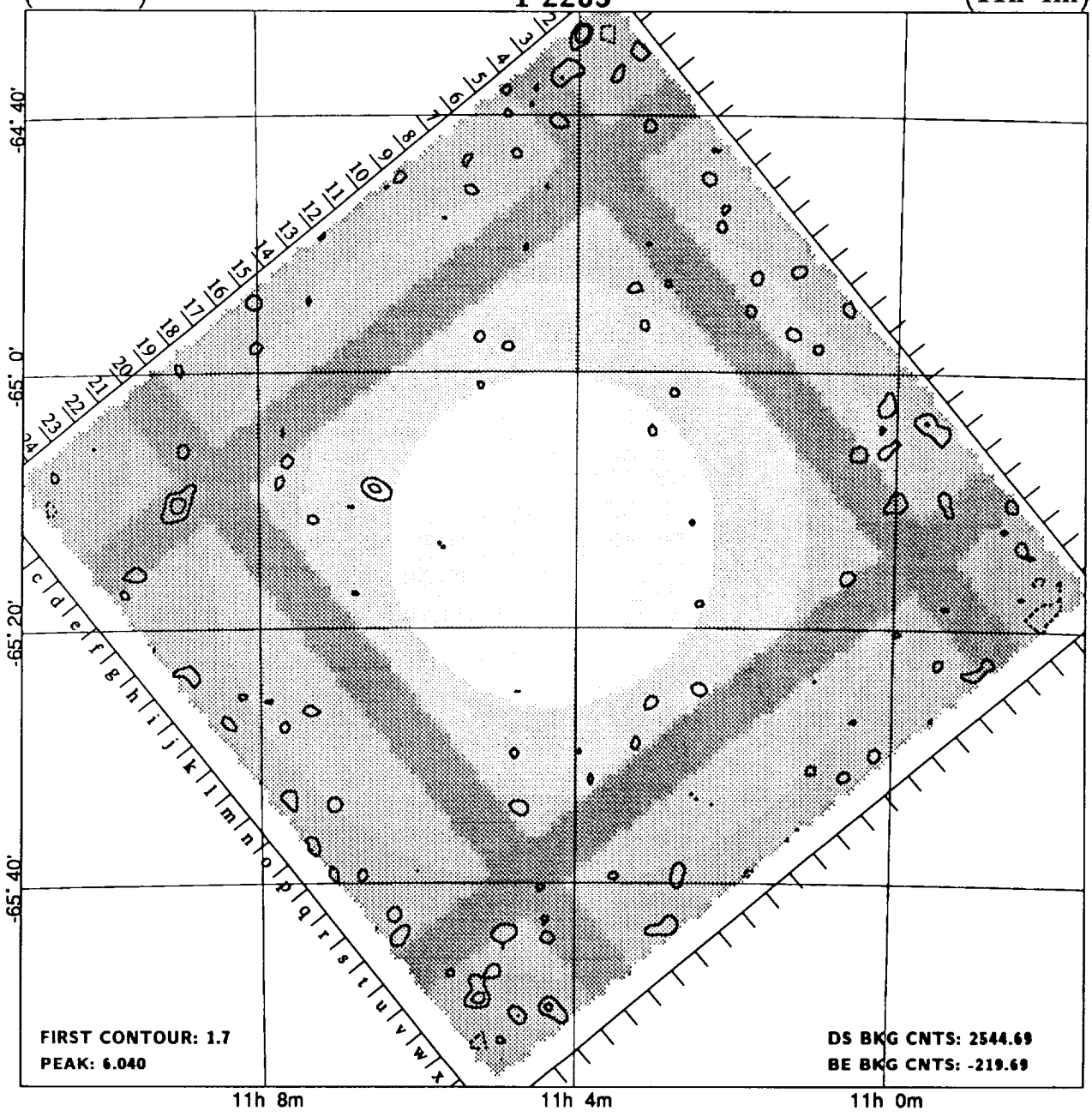
(11h 4m) **I 3009** (11h 4m)



FILAMENTARY NEBULAE: RCW58

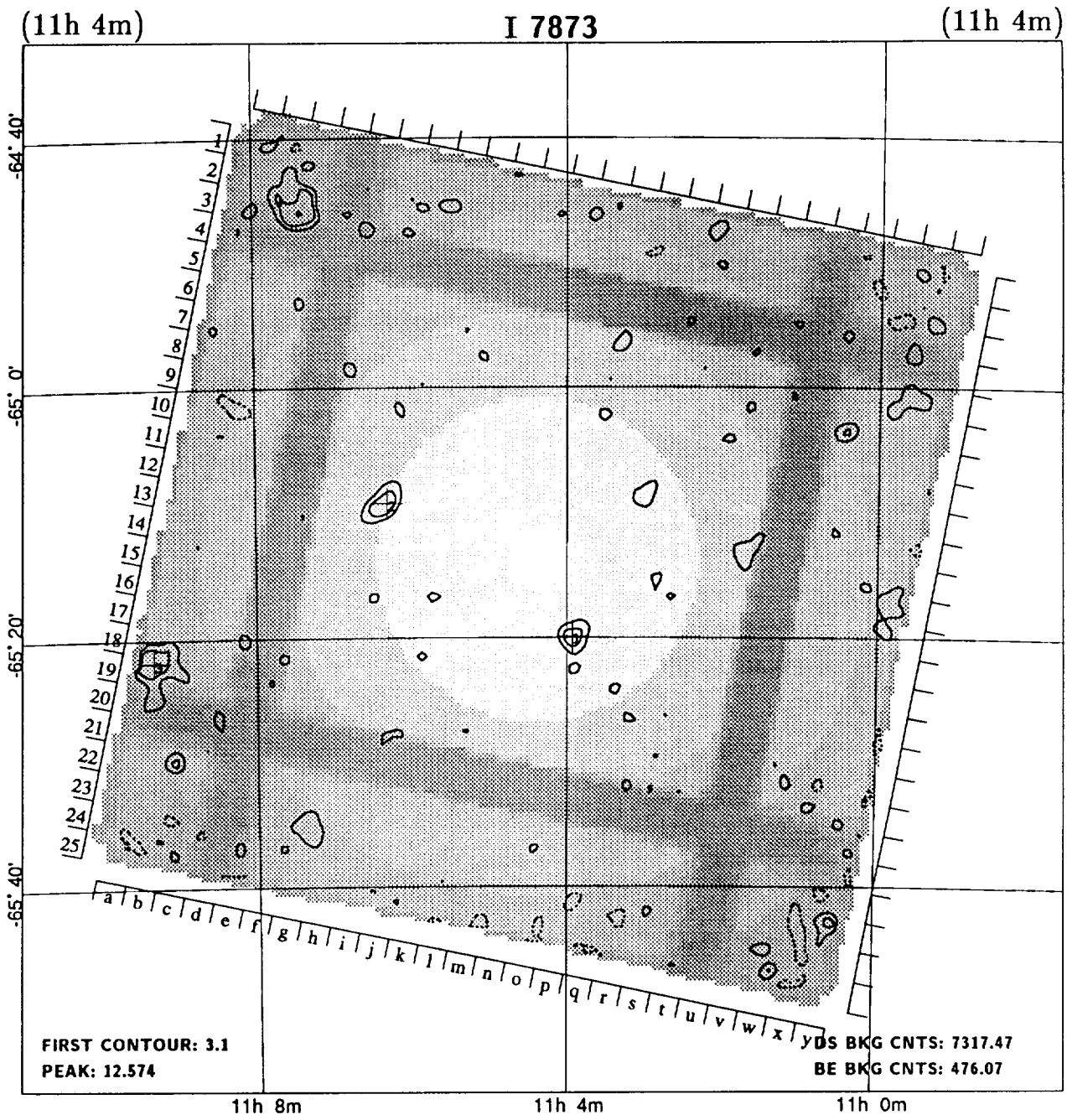
FIELD CENTER:	$11^h04^m16.0^s$ -65°13′59″ (B1950)	**DATE:** 1979/194 - 1979/194	**NH:** 1.2E+21
	$11^h06^m15.2^s$ -65°30′13″ (J2000)	**LIVETIME:** 871.6s	**REF/ID:** S
	ℓ: 292.31 b: -4.82	**ROLL ANGLE:** 49.3°	**FIELD FLAGS:**

(11h 4m) **I 2285** (11h 4m)



STELLAR SURVEY-WOLF-RAYET STARS: HD96548=RCW58

FIELD CENTER:	$11^h04^m18.0^s$ -65°13′58″ (B1950)	**DATE:** 1979/192 - 1979/192	**NH:** 1.2E+21
	$11^h06^m17.3^s$ -65°30′12″ (J2000)	**LIVETIME:** 2062.0s	**REF/ID:** S
	ℓ: 292.31 b: -4.82	**ROLL ANGLE:** 50.7°	**FIELD FLAGS:**



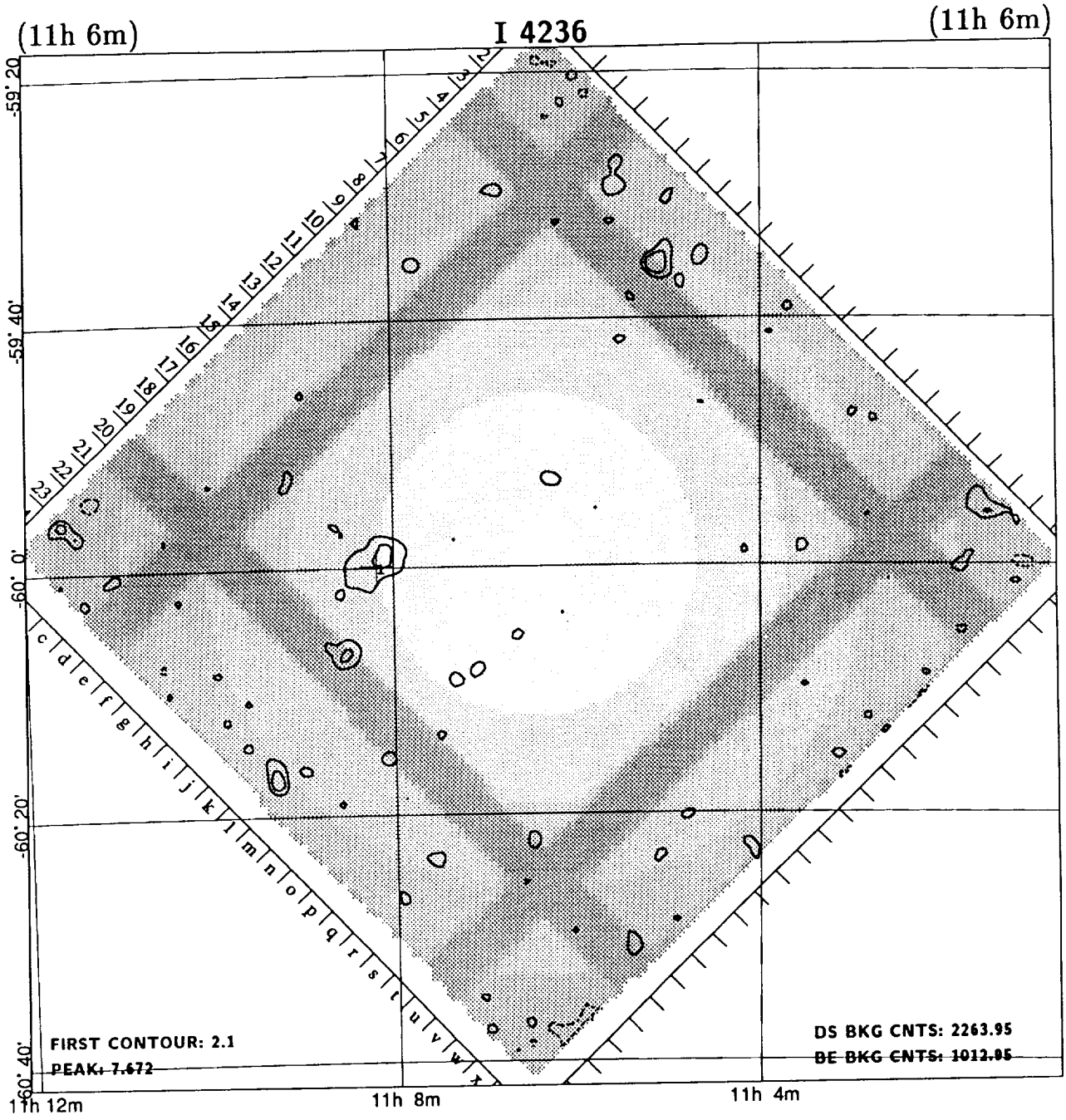
HD 96548,COMPACT COMPANIONS OF SINGLE-LINE WR STARS

FIELD CENTER: $11^h04^m18.1^s$ $-65°14'27''$ (B1950)
$11^h06^m17.3^s$ $-65°30'41''$ (J2000)
ℓ: 292.32 b: -4.83

DATE: 1980/237 - 1980/240
LIVETIME: 5929.6s
ROLL ANGLE: 11.5°

NH: 1.2E+21
REF/ID: S
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2396	1	11 03 55.7	-65 19 53	42	0.0088	0.0018	36.5	17.5	5.0	0.7	0	5.8		
2400	2	11 06 19.1	-65 09 13	42	0.0090	0.0019	33.4	16.6	4.7	0.9	0	13.8	H	
2414	3	11 09 19.6	-65 21 48	56	*0.0109	0.0030	19.6	9.4	3.6	1.4	801	32.5	H	



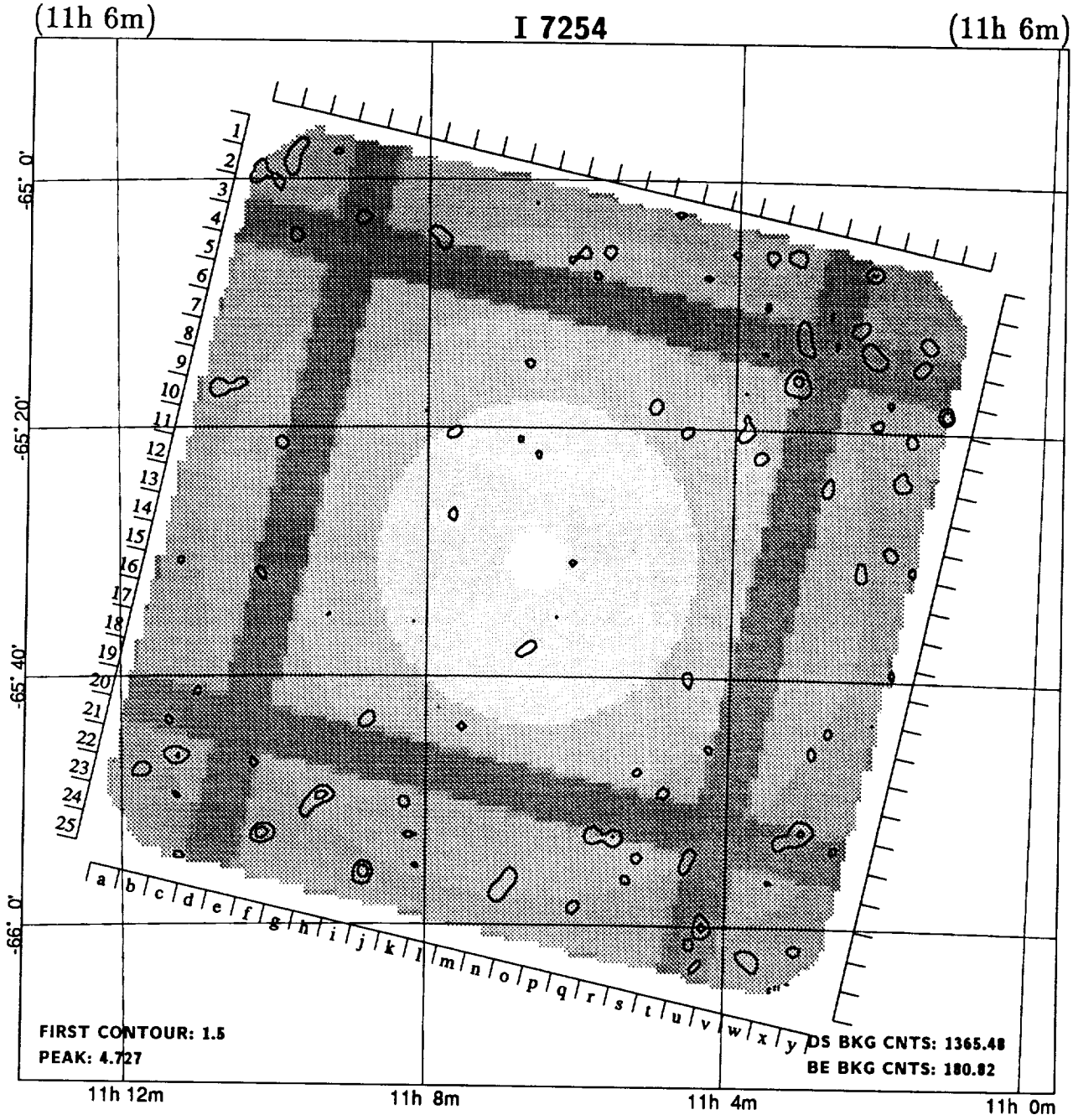
OB ASSOCIATIONS: CAR OB2

FIELD CENTER: $11^h06^m24.0^s$ $-59°59'59''$ (B1950)
$11^h08^m31.3^s$ $-60°16'16''$ (J2000)
ℓ: 290.50 b: 0.09

DATE: 1979/194 - 1979/194
LIVETIME: 1834.6s
ROLL ANGLE: 46.0°

NH: 1.2E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2407	1	11 08 11.0	-59 59 51	47	0.0177	0.0046	20.2	6.8	3.9	1.7	0	13.0	H	*



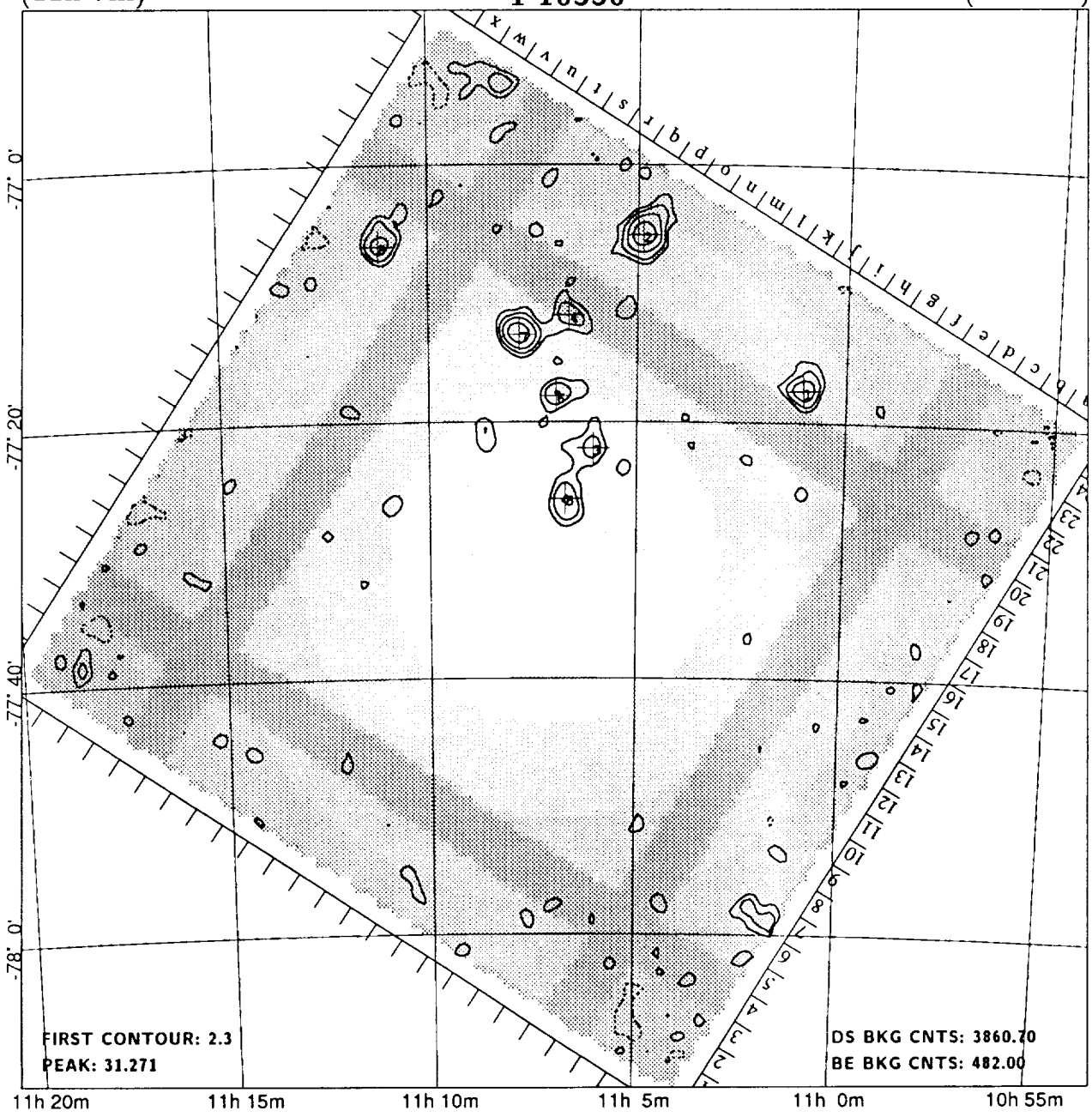
SS 29, STRONG EMISSION LINE STAR

FIELD CENTER: $11^h06^m27.3^s$ -65°31'01" (B1950)
$11^h08^m27.4^s$ -65°47'17" (J2000)
ℓ: 292.63 b: -5.00

DATE: 1980/238 - 1980/238
LIVETIME: 1106.5s
ROLL ANGLE: 12.6°

NH: 1.2E+21
REF/ID:
FIELD FLAGS:

(11h 7m) **I 10350** (11h 7m)



W CHA POS 2

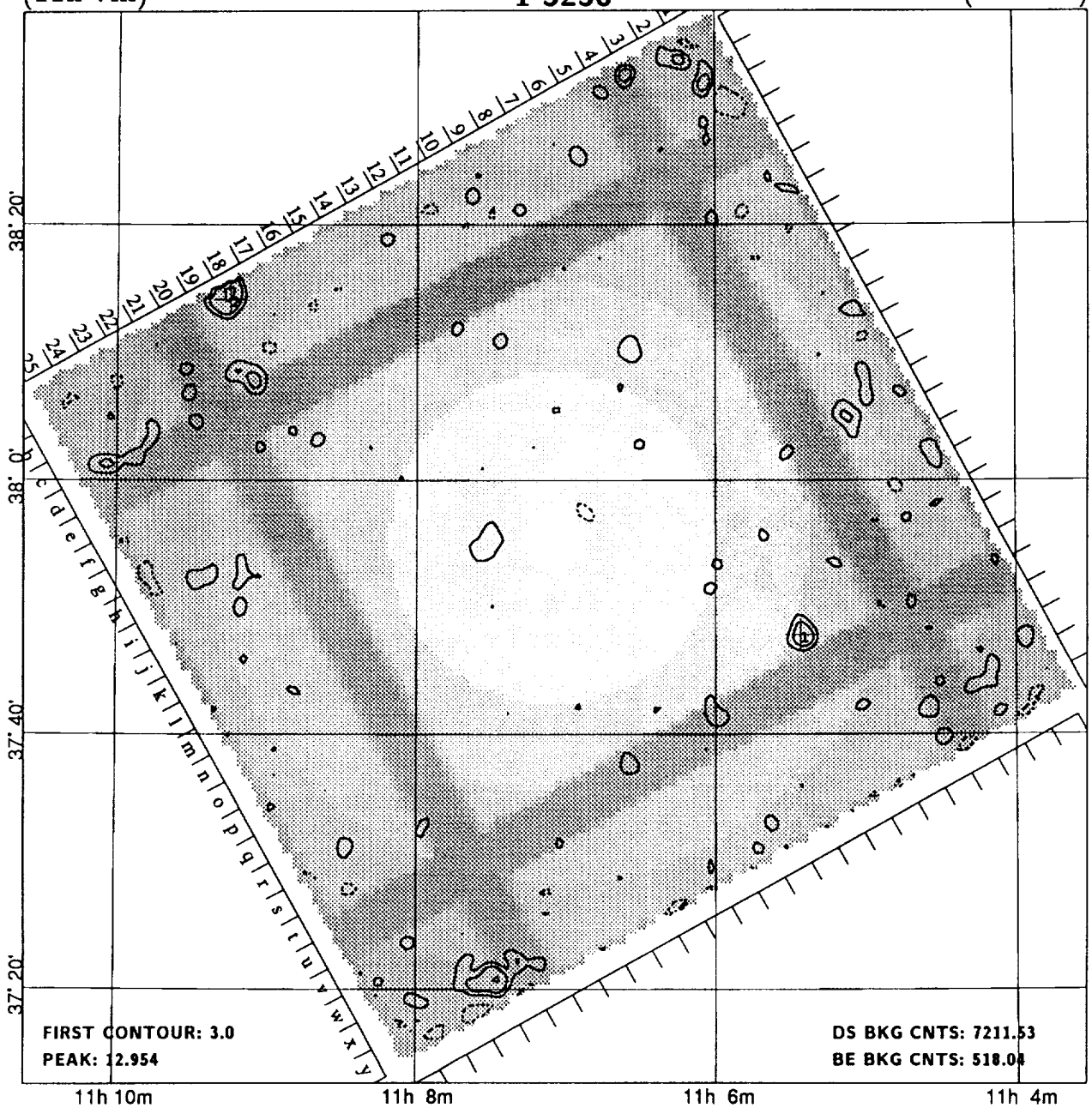
FIELD CENTER: $11^h07^m00.0^s$ -77°29′59″ (B1950)
$11^h08^m24.7^s$ -77°46′15″ (J2000)
ℓ: 297.44 b: -16.01

DATE: 1981/ 23 - 1981/ 23
LIVETIME: 3128.4s
ROLL ANGLE: -147.5°

NH: 9.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2390	1	11 01 01.4	-77 17 32	51	0.0235	0.0044	33.5	6.5	5.3	0.9	400	23.3	H	
2397	2	11 04 52.8	-77 05 30	50	0.0547	0.0068	70.9	7.1	8.0	1.1	0	25.4	H	
2399	3	11 06 03.2	-77 22 04	43	0.0106	0.0027	22.3	9.7	3.9	2.6	0	8.7	H	
2401	4	11 06 38.0	-77 11 42	55	*0.0111	0.0030	18.2	5.8	3.7	4.5	1007	18.6		
2402	5	11 06 43.1	-77 26 01	36	0.0157	0.0030	35.3	9.7	5.3	1.7	0	4.2	H	
2403	6	11 06 56.6	-77 18 01	42	0.0128	0.0030	25.2	8.8	4.3	0.9	0	11.9	H	
2404	7	11 07 49.5	-77 13 13	48	0.0464	0.0055	79.6	8.4	8.5	1.2	0	17.2	H	
2423	8	11 11 10.6	-77 06 22	52	0.0195	0.0046	23.4	7.6	4.2	1.1	0	27.6	H	

(11h 7m) **I 3238** (11h 7m)



4C+37.29: DISTANT CLUSTERS ASSOCIATED WITH QSO'S

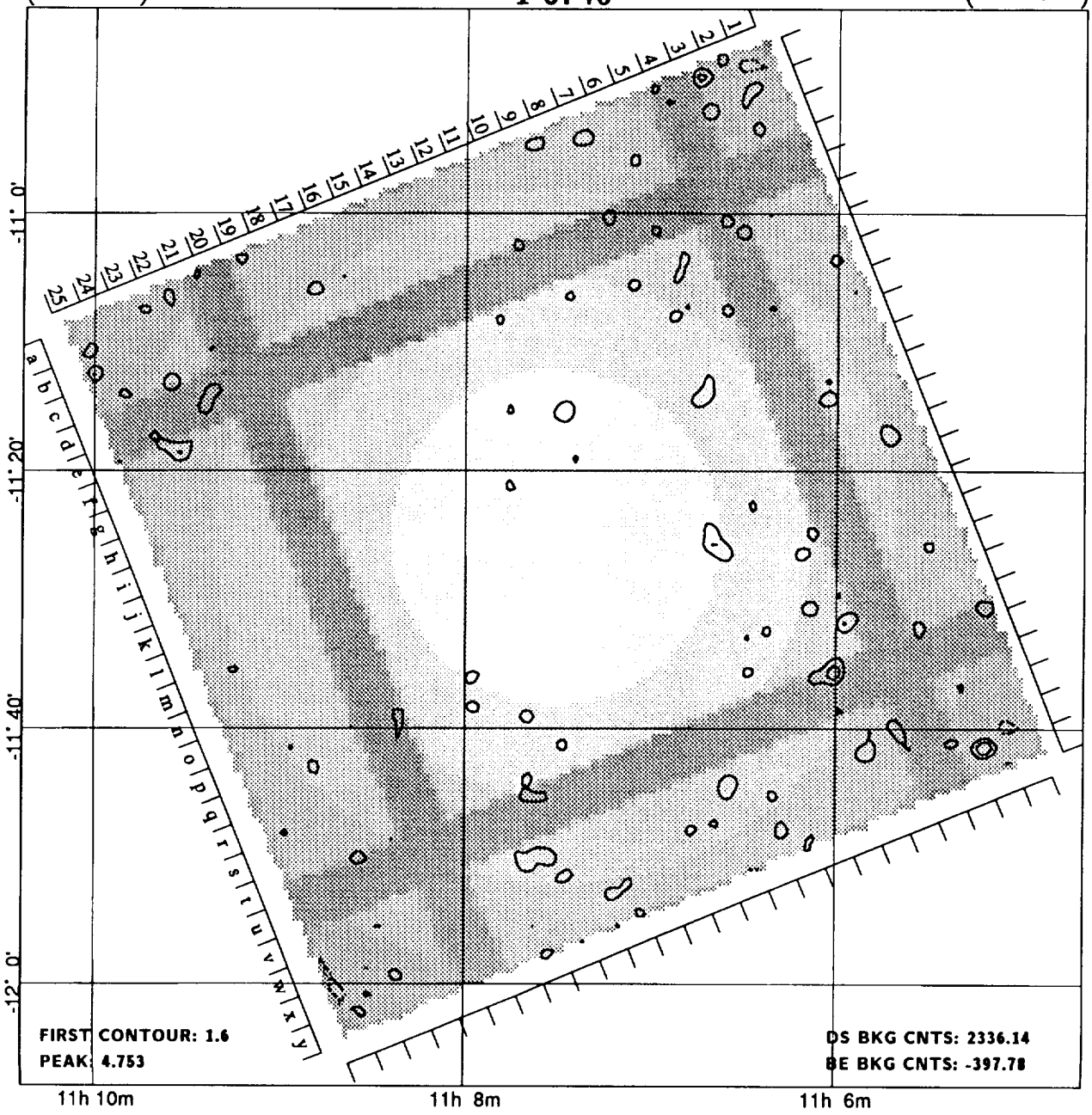
FIELD CENTER: $11^h07^m04.0^s$ $37°54'43''$ (B1950)
$11^h09^m49.3^s$ $37°38'26''$ (J2000)
ℓ: 180.32 b: 66.22

DATE: 1980/138 - 1980/138
LIVETIME: 5843.8s
ROLL ANGLE: 61.0°

NH: 1.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2398	1	11 05 26.1	37 47 54	52	*0.0088	0.0022	25.6	14.4	4.0	0.7	401	20.7	H	
2413	2	11 09 14.9	38 14 09	55	*0.0136	0.0032	24.9	9.1	4.3	0.9	501	32.1	H	

(11h 7m) **I 6740** (11h 7m)

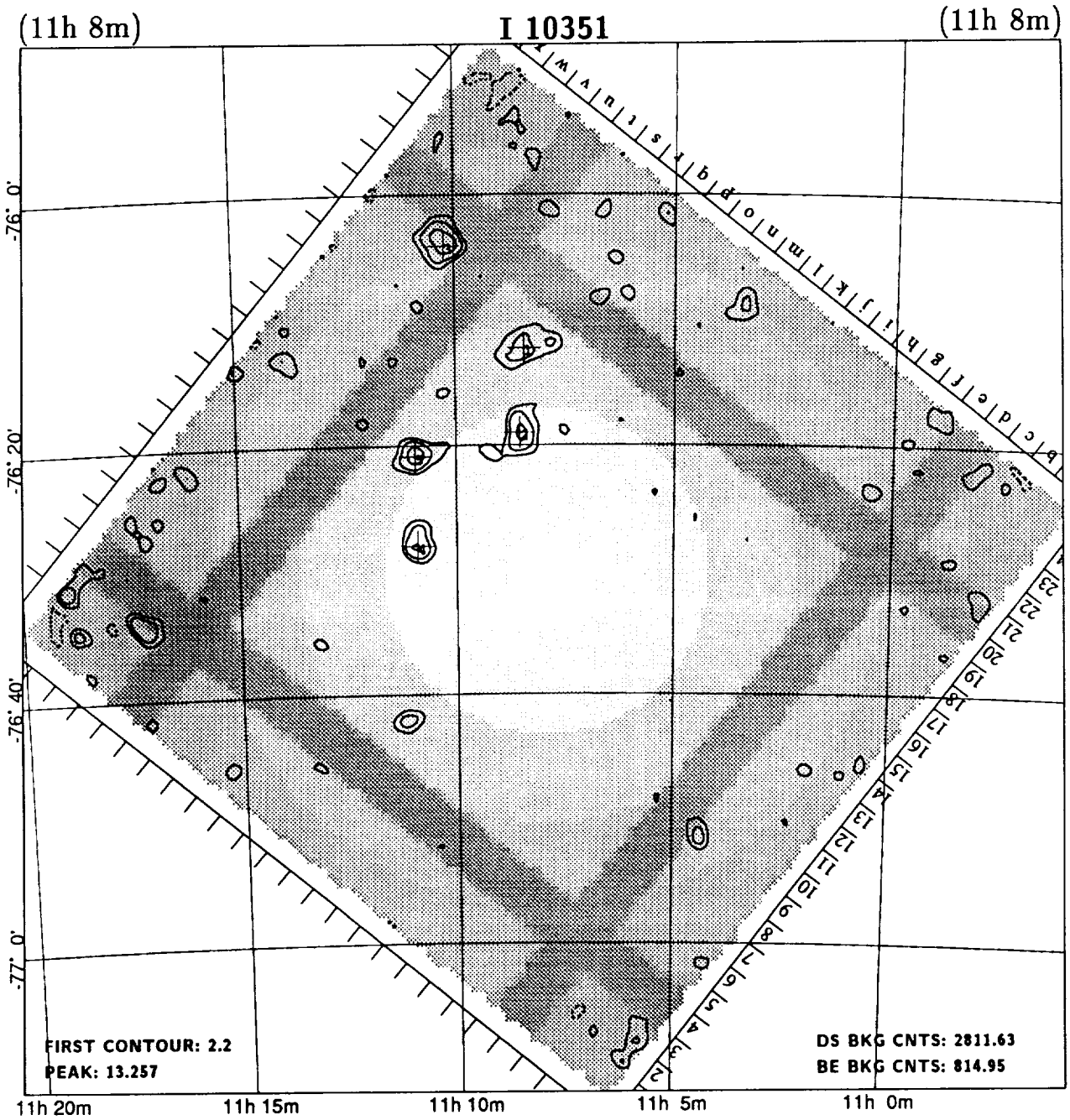


SEARCH FOR HIGH LX QSO'S: 16

FIELD CENTER: $11^h07^m31.9^s$ -11°26'02" (B1950)
$11^h10^m02.6^s$ -11°42'20" (J2000)
ℓ: 267.26 b: 44.03

DATE: 1980/171 - 1980/171
LIVETIME: 1893.0s
ROLL ANGLE: 67.9°

NH: 4.8E+20
REF/ID:
FIELD FLAGS:



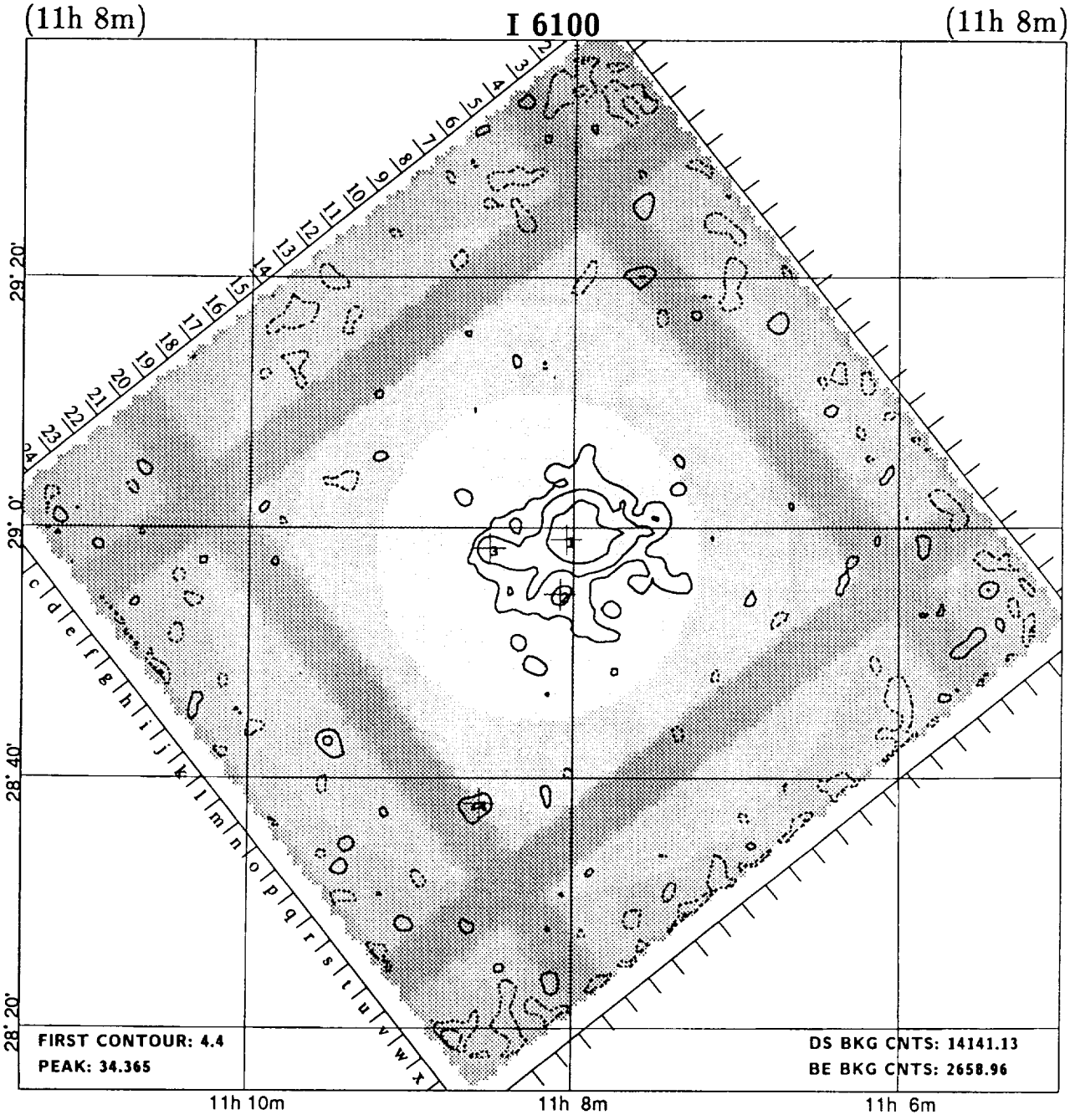
W CHA POS 3

FIELD CENTER: $11^h08^m00.0^s$ $-76°29'59''$ (B1950)
$11^h09^m31.3^s$ $-76°46'17''$ (J2000)
ℓ: 297.08 b: -15.07

DATE: 1981/ 23 - 1981/ 23
LIVETIME: 2278.3s
ROLL ANGLE: -141.4°

NH: 9.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2409	1	11 08 25.8	-76 12 16	55	0.0204	0.0046	25.2	6.8	4.5	1.5	0	17.5	H	
2411	2	11 08 32.1	-76 19 02	41	0.0227	0.0044	33.5	8.5	5.2	1.0	0	11.2	H	
2418	3	11 10 13.9	-76 04 05	51	*0.0348	0.0068	30.9	5.1	5.2	1.1	801	27.2	H	
2421	4	11 10 54.3	-76 28 00	42	0.0206	0.0042	30.8	9.2	4.9	0.9	0	10.2	H	
2422	5	11 10 56.1	-76 20 52	41	0.0276	0.0049	37.9	8.1	5.6	0.9	0	14.0	H	



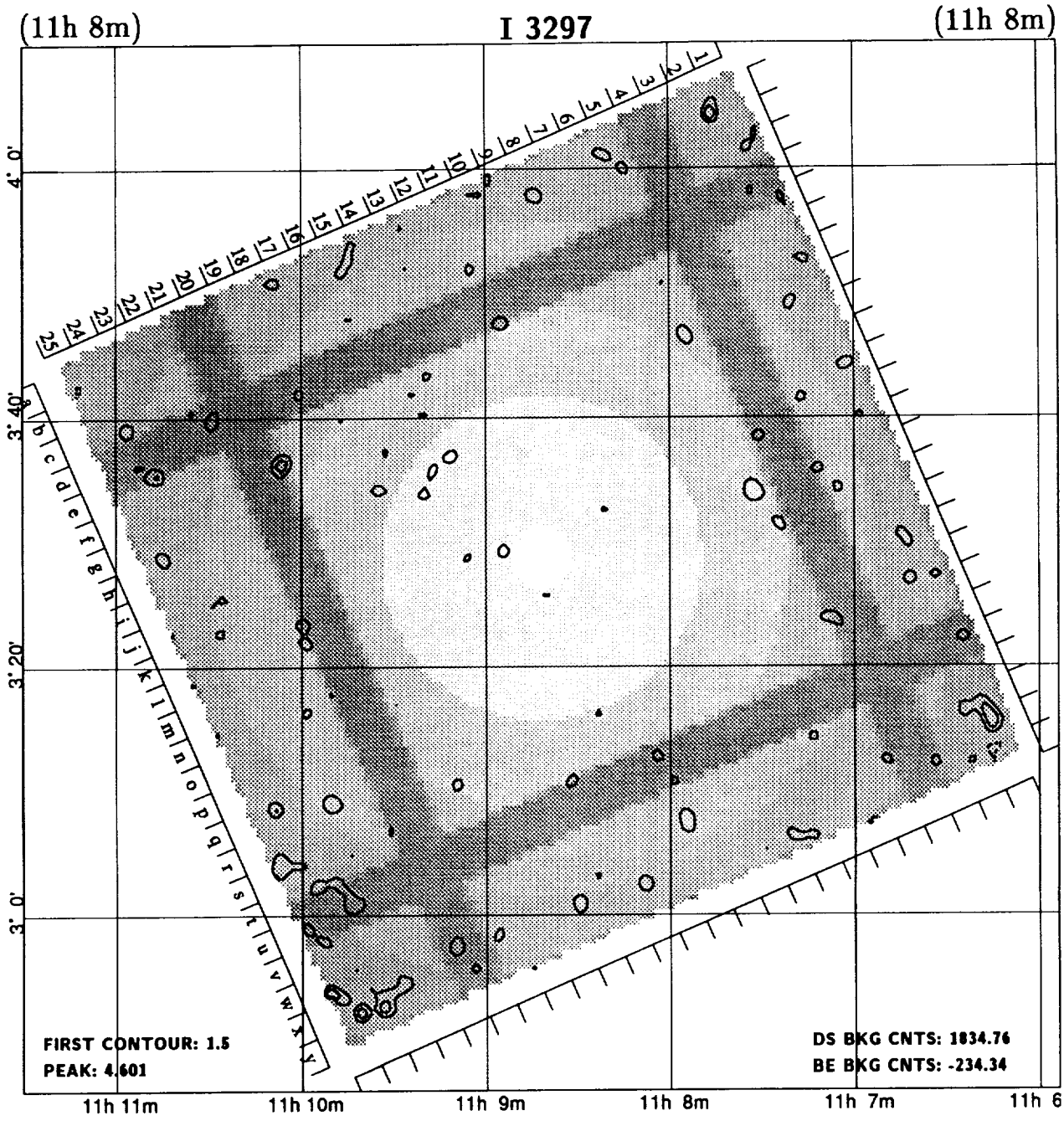
A 1185,DETAILED STUDY OF NEARBY CLUSTERS

FIELD CENTER: $11^h08^m12.0^s$ $28°56'59''$ (B1950) | $11^h10^m53.7^s$ $28°40'42''$ (J2000) | ℓ: 203.05 b: 67.77

DATE: 1980/137 - 1980/138 | **LIVETIME:** 11459.0s | **ROLL ANGLE:** 51.5°

NH: 1.8E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2405	1	11 08 02.6	28 59 03	31	0.0199	0.0017	167.3	42.7	11.5	6.7	0	3.0	H	CLG
2406	2	11 08 04.8	28 54 41	36	0.0053	0.0011	44.2	45.8	4.7	21.5	0	2.9	H	
2410	3	11 08 31.0	28 58 21	35	0.0083	0.0013	69.0	45.0	6.5	16.1	0	4.3	H	
2412	4	11 08 34.4	28 37 57	65	*0.0049	0.0012	28.3	22.7	4.0	0.7	805	19.7	H	

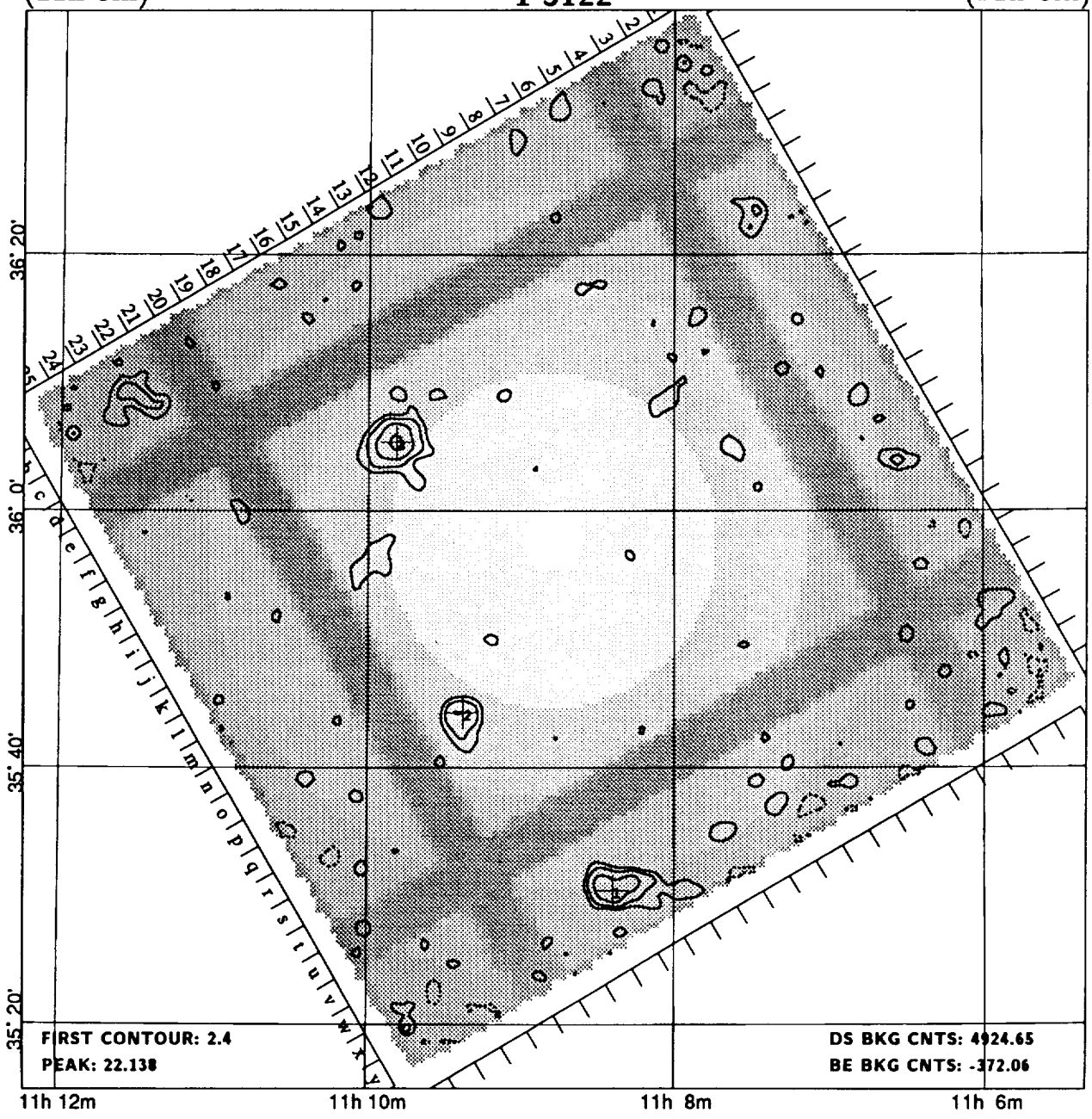


CD GALAXIES IN POOR CLUSTERS: K103

FIELD CENTER: $11^h08^m42.0^s$ 03°27'59" (B1950)
$11^h11^m16.6^s$ 03°11'41" (J2000)
ℓ: 253.58 b: 56.15

DATE: 1979/171 - 1979/171
LIVETIME: 1486.8s
ROLL ANGLE: 66.8°

NH: 4.6E+20
REF/ID:
FIELD FLAGS:

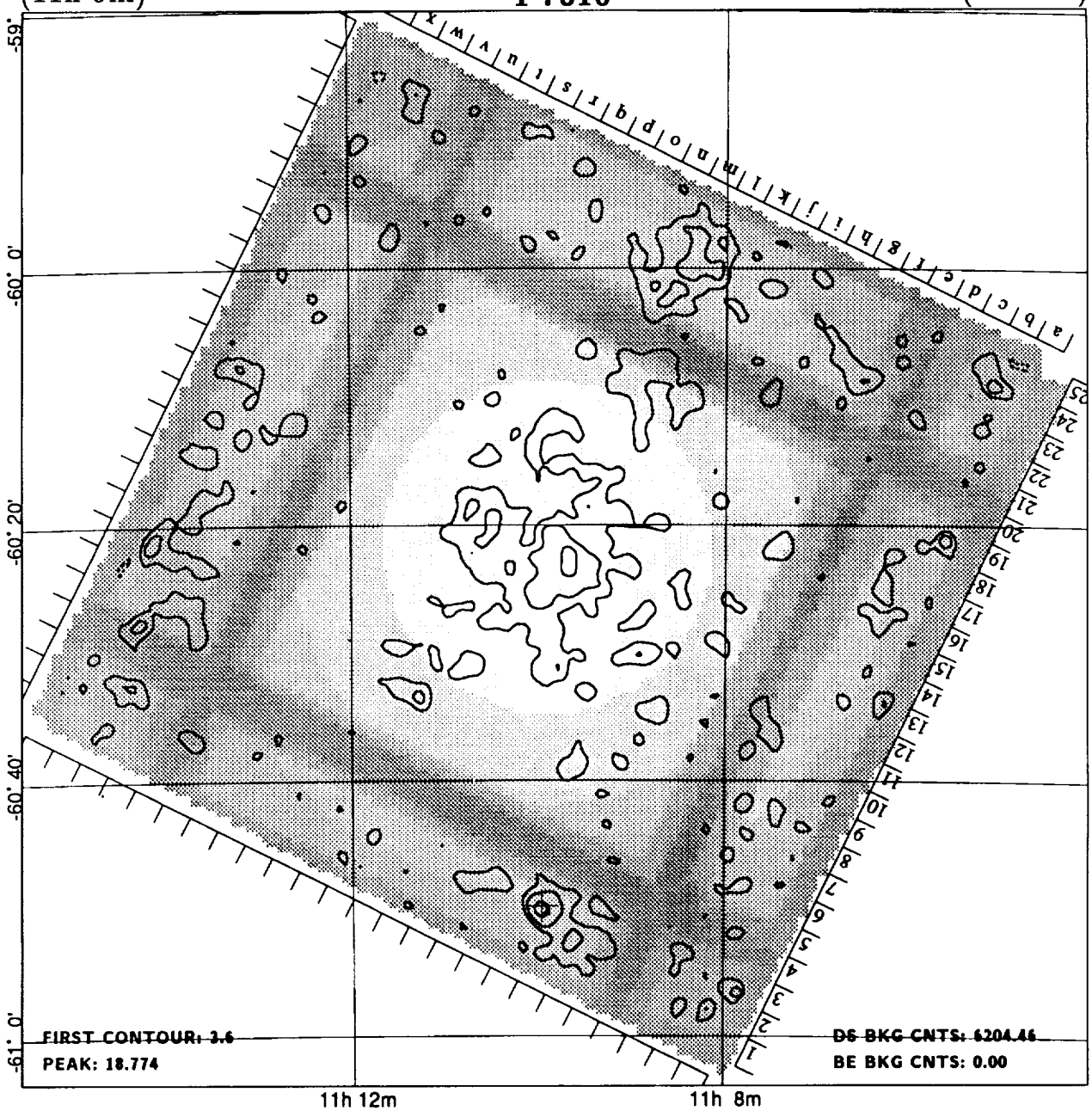


3C 252: OPTICAL OBJECTS IN THE LOBES OF RADIO GALAXIES

FIELD CENTER: $11^h08^m47.0^s$ 35°56'59" (B1950) DATE: 1979/143 - 1979/143 NH: 2.1E+20
$11^h11^m31.1^s$ 35°40'41" (J2000) LIVETIME: 3990.6s REF/ID:
ℓ: 184.81 b: 67.11 ROLL ANGLE: 59.8° FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2408	1	11 08 23.8	35 30 22	51	0.0256	0.0044	39.8	7.2	5.8	1.9	0	26.6	H	
2415	2	11 09 22.5	35 44 19	42	0.0130	0.0026	30.8	8.2	4.9	1.2	0	14.4	H	
2416	3	11 09 49.0	36 05 21	48	0.0316	0.0039	75.2	9.8	8.2	1.6	0	15.3	H	S

(11h 9m) **I 7810** (11h 9m)



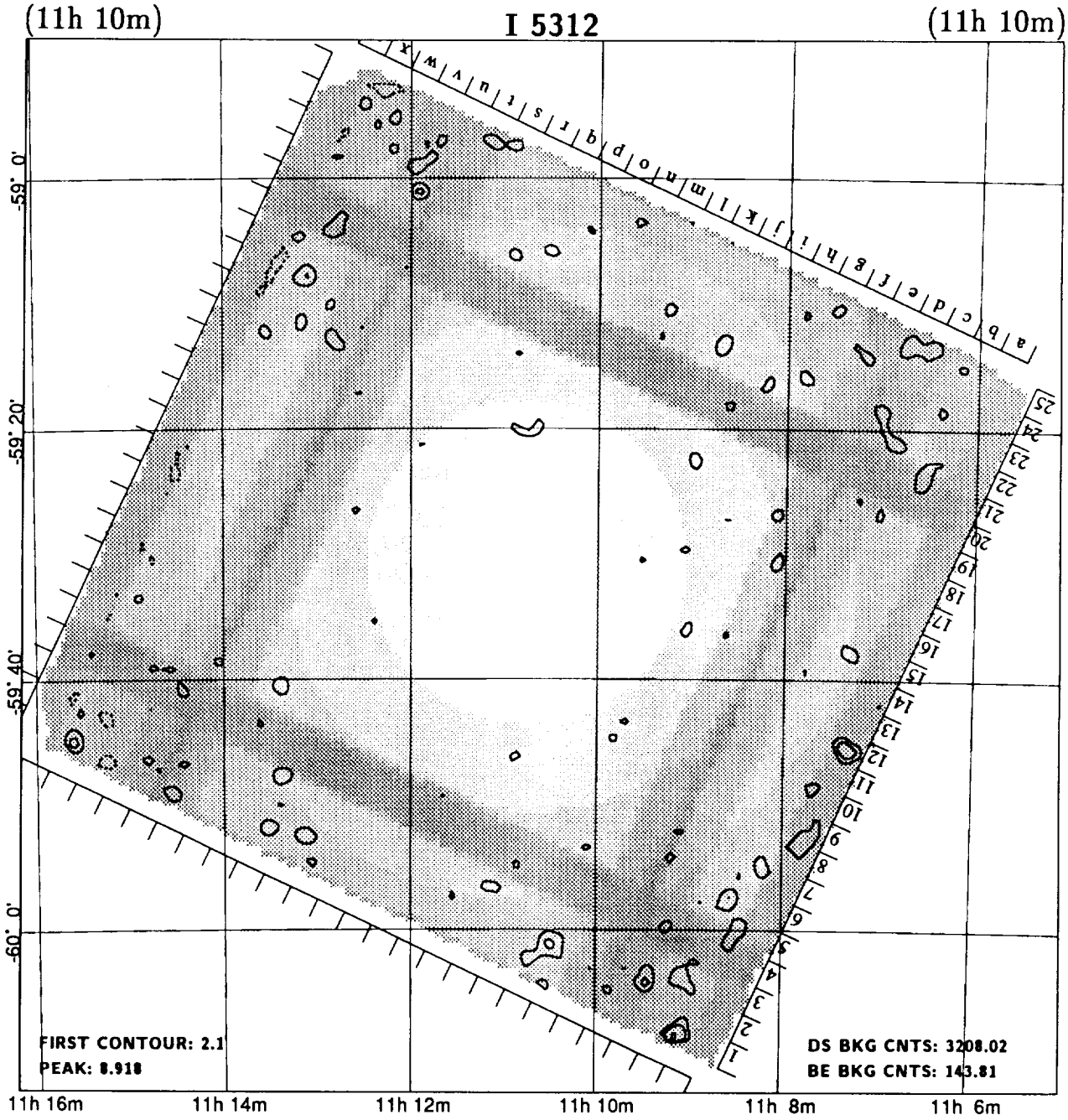
G291.0-0.1,CRAB-LIKE SNR'S

FIELD CENTER: $11^h09^m49.0^s$ $-60°21'59''$ (B1950)
$11^h11^m57.6^s$ $-60°38'19''$ (J2000)
ℓ: 291.03 b: -0.09

DATE: 1980/ 37 - 1980/ 39
LIVETIME: 5027.7s
ROLL ANGLE: -153.6°

NH: 1.2E+21
REF/ID: SNR
FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2417	1L	11 09 57.9	-60 49 49	55	0.0185	0.0043	35.7	12.3	4.1	2.3	400	27.9		*



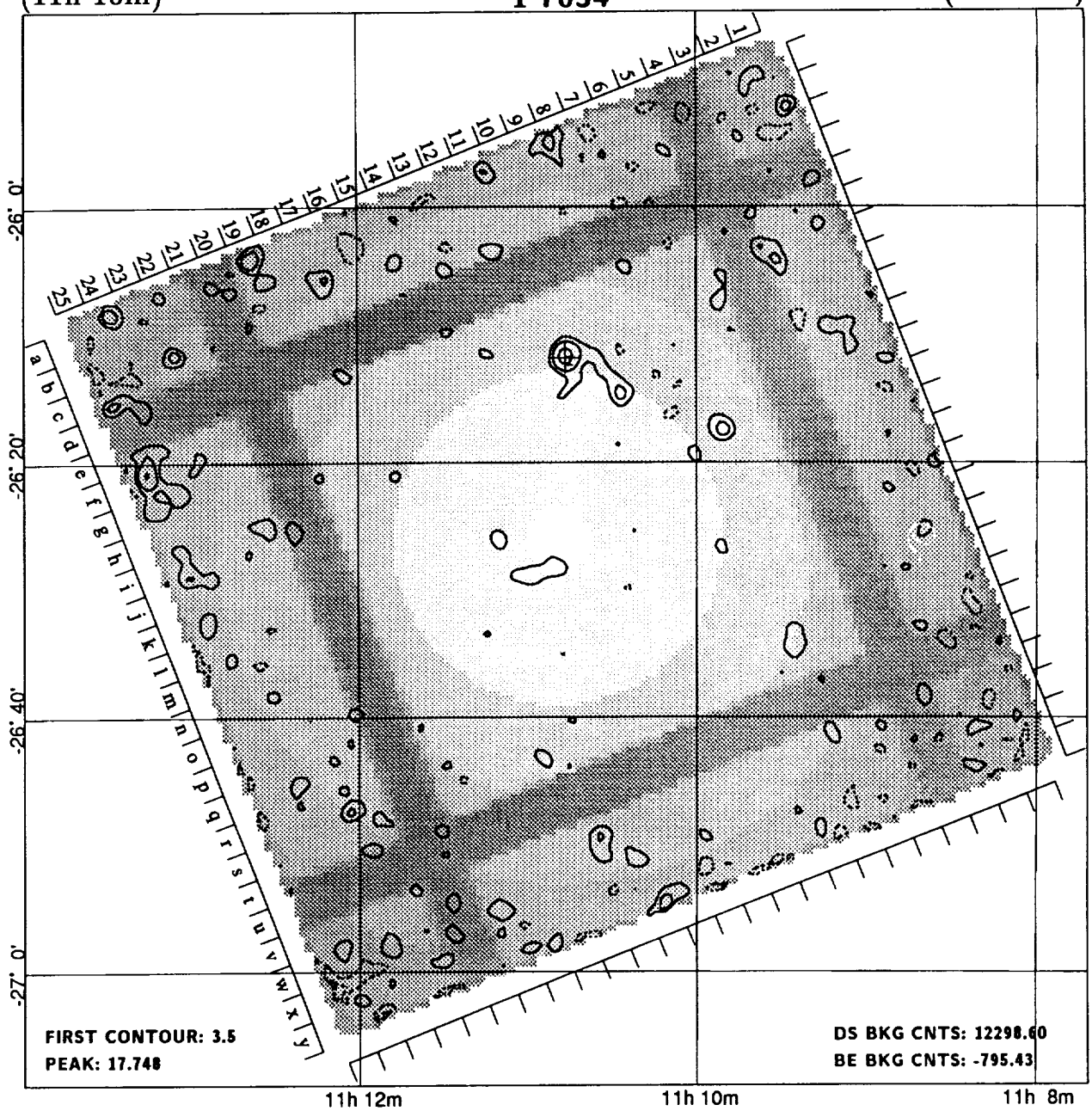
SEARCH FOR YOUNG GALACTIC SNR

FIELD CENTER: $11^h10^m37.0^s$ $-59°31'06''$ (B1950)
$11^h12^m46.8^s$ $-59°47'26''$ (J2000)
ℓ: 290.81 b: 0.74

DATE: 1980/ 40 - 1980/ 40
LIVETIME: 2599.6s
ROLL ANGLE: -155.0°

NH: 1.2E+21
REF/ID:
FIELD FLAGS:

(11h 10m) **I 7034** (11h 10m)



NGC 3585,EARLY GALAXY SURVEY

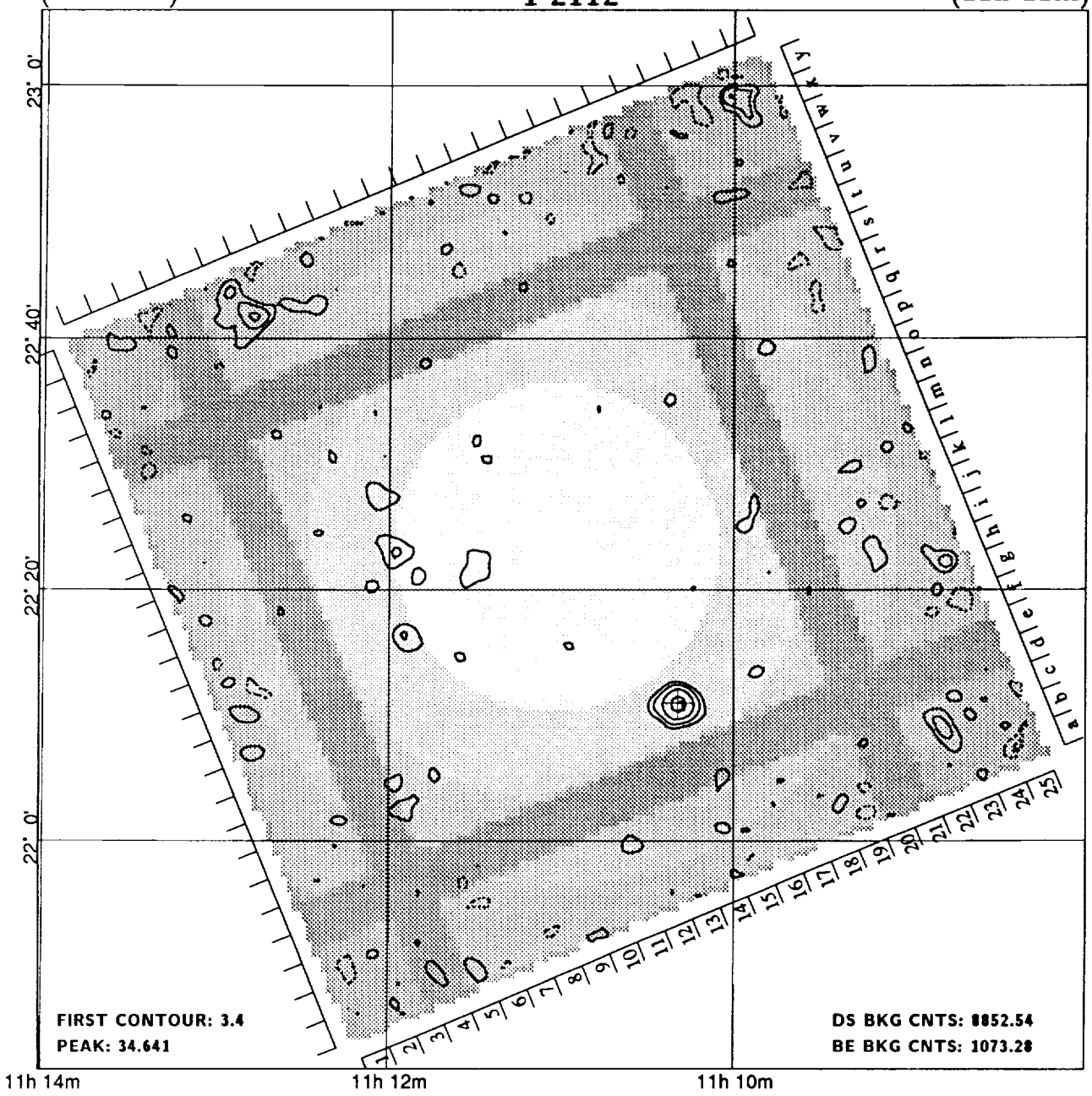
FIELD CENTER: $11^h10^m50.0^s$ $-26°26'47''$ (B1950)
$11^h13^m16.8^s$ $-26°43'08''$ (J2000)
ℓ: 277.23 b: 31.21

DATE: 1980/161 - 1980/163
LIVETIME: 9965.9s
ROLL ANGLE: 68.7°

NH: 5.3E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2420	1	11 10 46.4	-26 11 52	41	0.0090	0.0015	54.5	23.5	6.2	1.4	0	14.8	H	

(11h 11m) **I 2112** (11h 11m)



X-RAY SURVEY OF NORMAL GALAXIES: LEO II

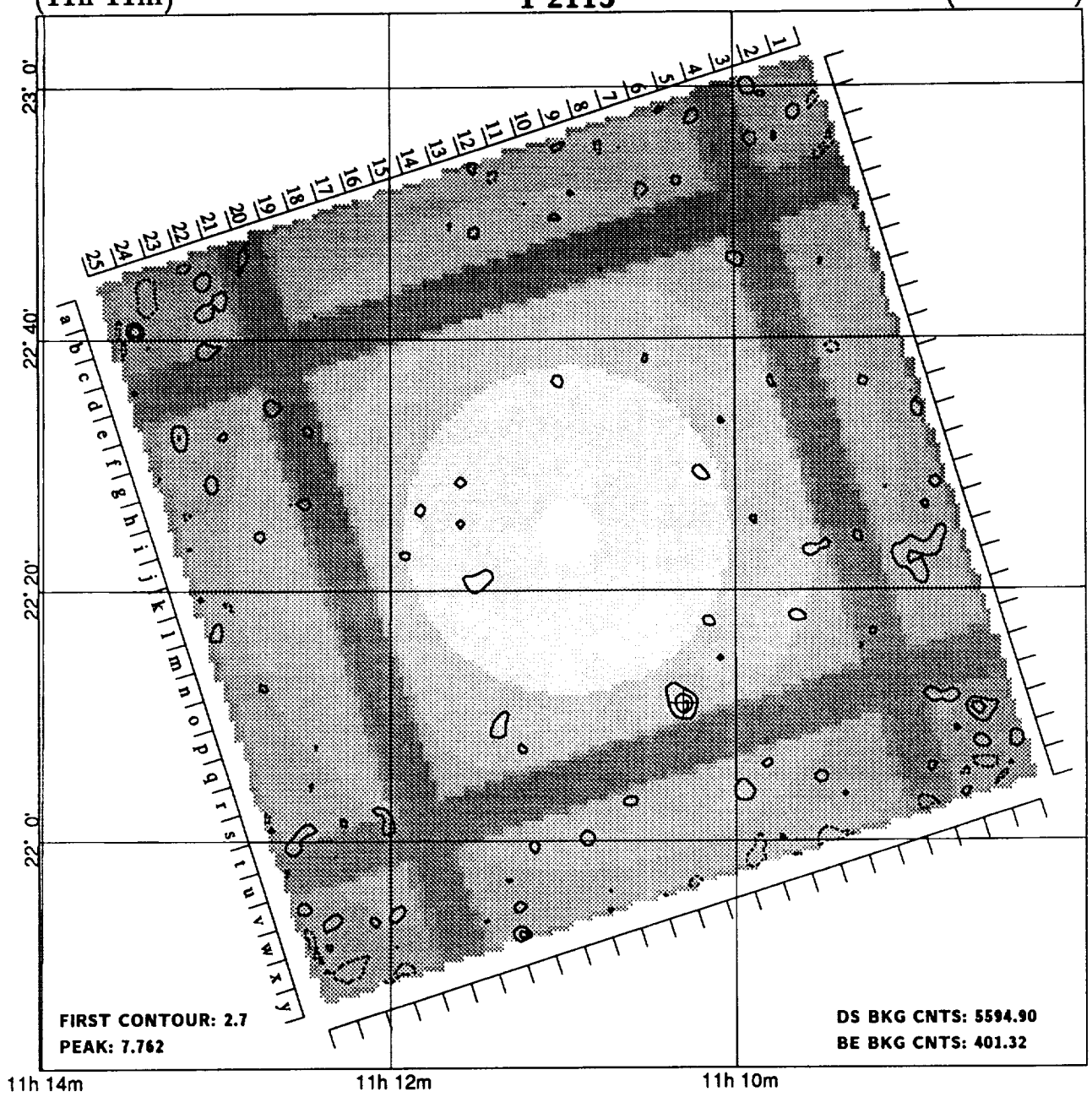
FIELD CENTER: $11^h11^m00.0^s$ $22°23'59''$ **(B1950)**
$11^h13^m39.4^s$ $22°07'39''$ **(J2000)**
ℓ: **220.26** b: **67.26**

DATE: 1979/341 - 1979/342
LIVETIME: 7173.5s
ROLL ANGLE: -112.4°

NH: 1.1E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2419	1	11 10 19.3	22 11 00	48	0.0270	0.0028	112.2	18.8	9.8	1.1	0	15.9	AH	

(11h 11m) **I 2113** (11h 11m)



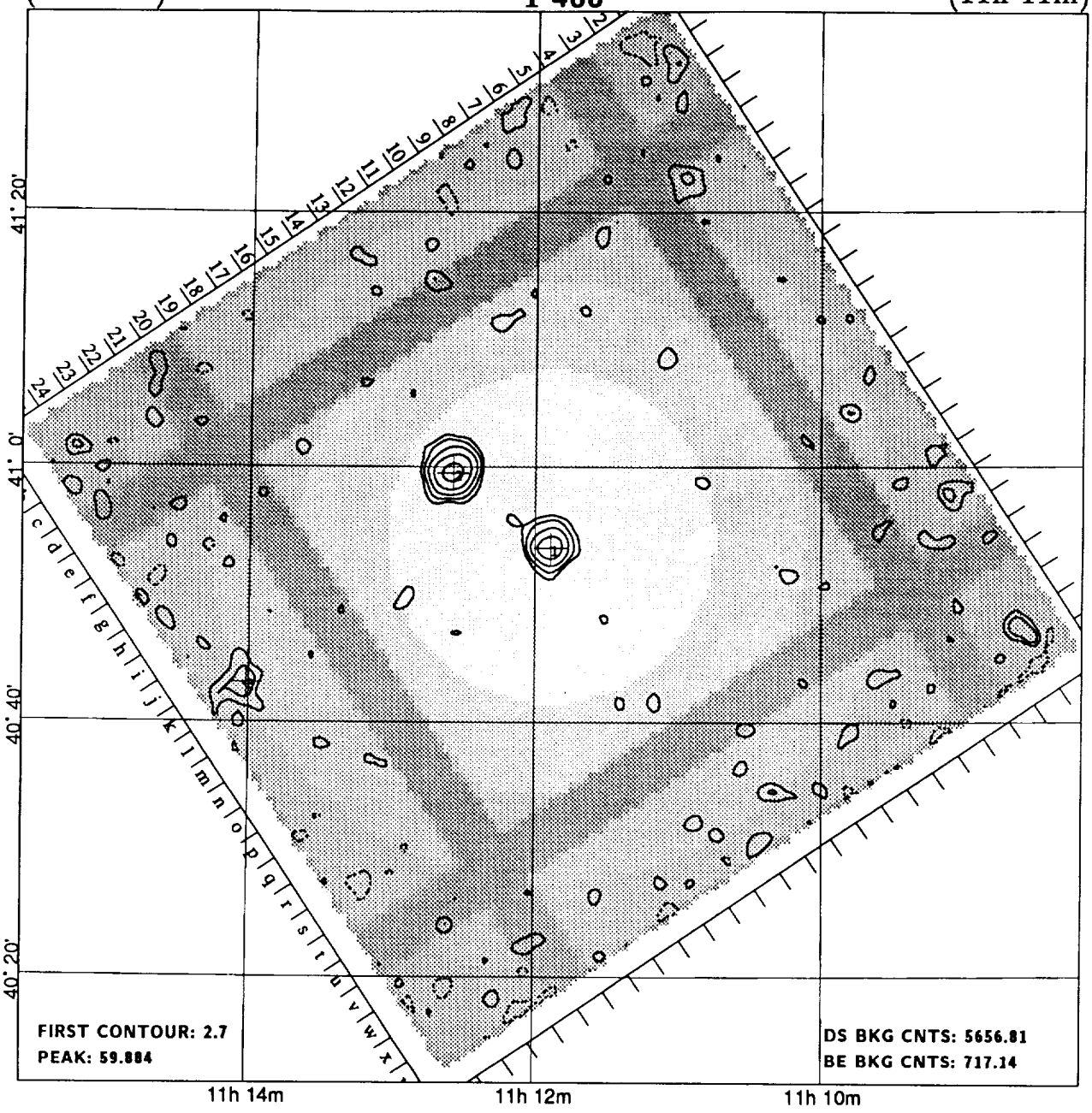
X-RAY SURVEY OF NORMAL GALAXIES: LEO II

FIELD CENTER: $11^h11^m00.0^s$ 22°23′59″ (B1950)
$11^h13^m39.4^s$ 22°07′39″ (J2000)
ℓ: 220.26 b: 67.26

DATE: 1980/138 - 1980/138
LIVETIME: 4533.7s
ROLL ANGLE: 72.5°

NH: 1.1E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2419	1	11 10 18.3	22 10 58	52	0.0086	0.0023	22.1	11.9	3.8	0.7	400	16.2	A	



3CR 254 (QSO 1111+408) QUASAR SURVEY

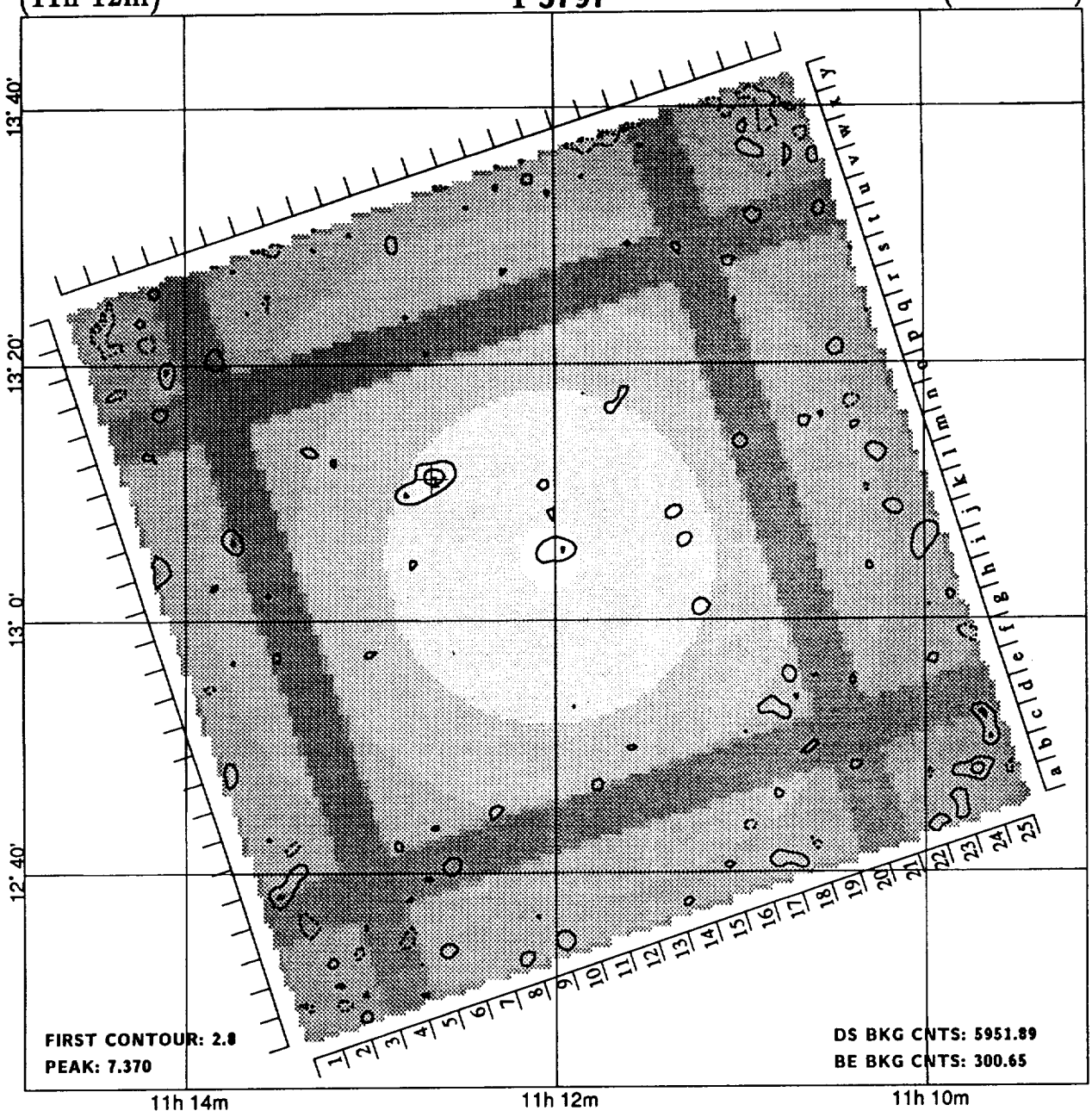
FIELD CENTER: $11^h11^m53.4^s$ 40°53′41″ (B1950)
$11^h14^m38.8^s$ 40°37′20″ (J2000)
ℓ: 172.64 b: 65.93

DATE: 1980/130 - 1980/131
LIVETIME: 4748.5s
ROLL ANGLE: 56.2°

NH: 1.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2426	1	11 11 53.6	40 53 41	31	0.0436	0.0037	154.1	15.9	11.8	1.2	0	0.2	H	Q
2428	2	11 12 34.7	40 59 31	38	0.0707	0.0049	225.7	15.3	14.5	1.3	0	10.1	H	AGN
2432	3	11 14 01.0	40 43 06	53	0.0102	0.0029	19.5	10.5	3.6	1.3	0	26.6	H	

(11h 12m) **I 5797** (11h 12m)



NORMAL GALAXIES: N3593

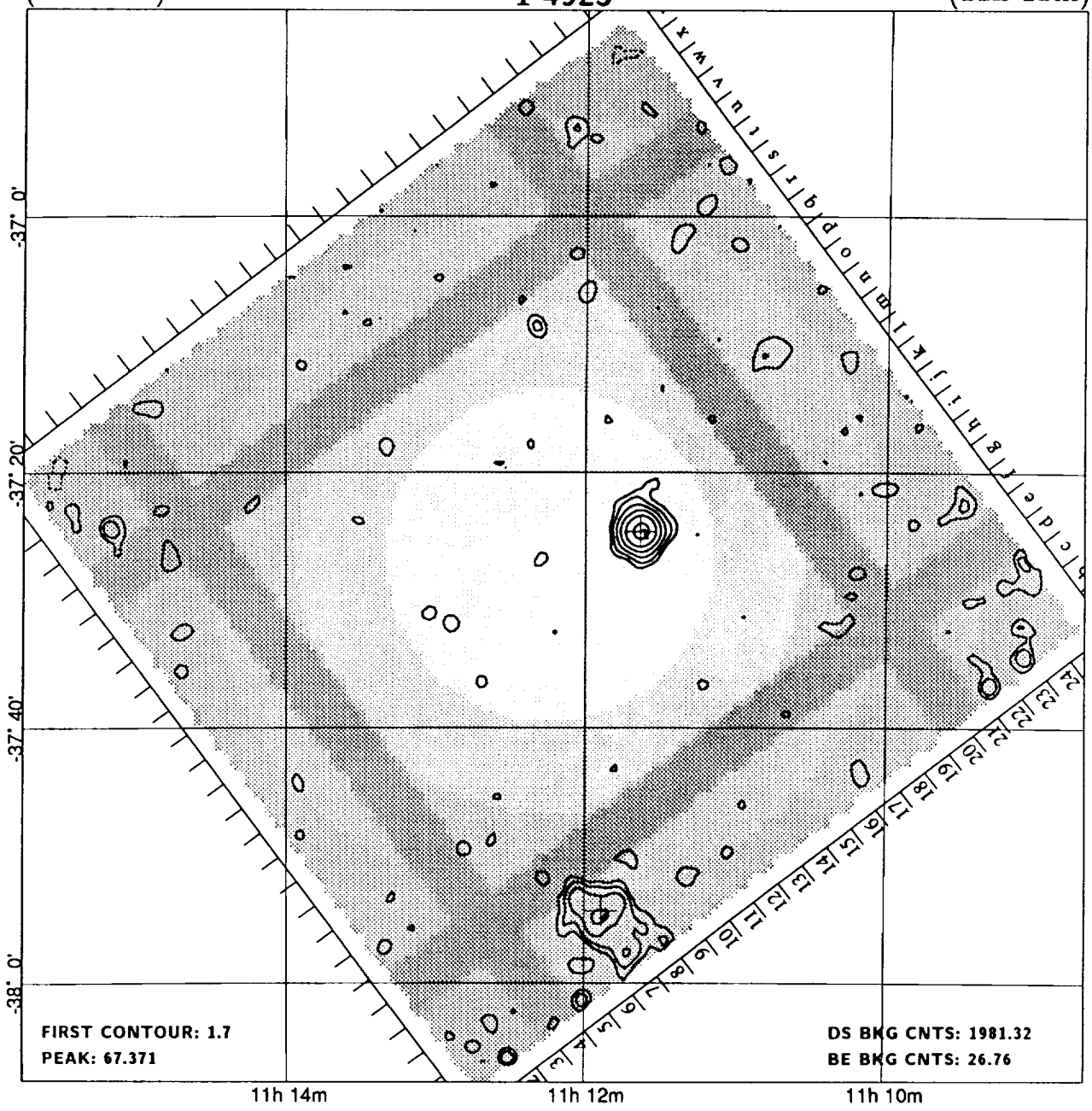
FIELD CENTER: $11^h12^m00.0^s$ $13°05'23''$ (B1950)
$11^h14^m36.8^s$ $12°49'02''$ (J2000)
ℓ: 240.43 b: 63.21

DATE: 1979/353 - 1979/353
LIVETIME: 4823.0s
ROLL ANGLE: -108.1°

NH: 1.8E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2429	1	11 12 40.3	13 10 56	46	0.0082	0.0020	25.8	14.2	4.1	1.2	0	11.1	H	

(11h 12m) **I 4923** (11h 12m)



CATACLYSMIC VARIABLE STARS: V436 CEN

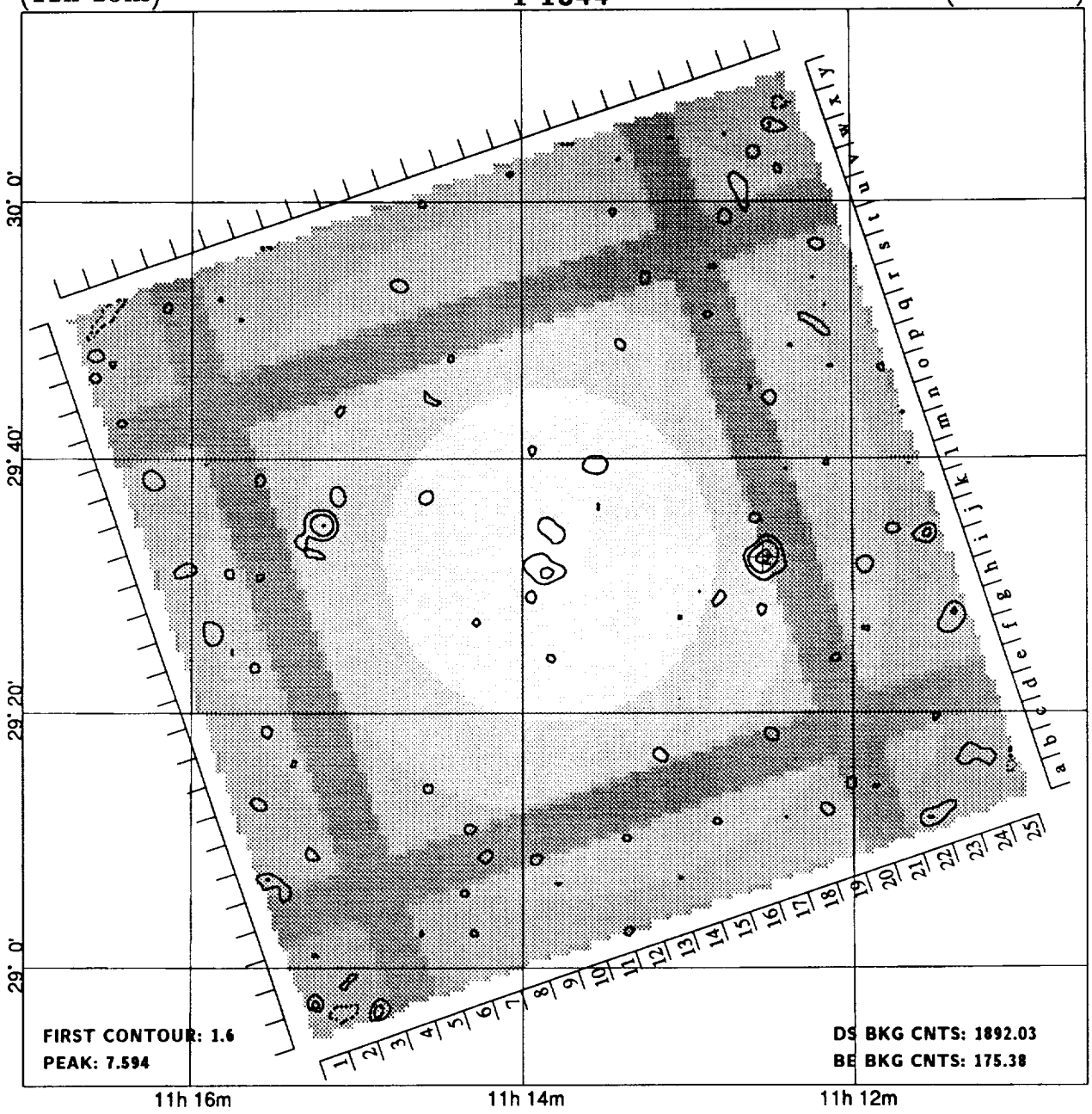
FIELD CENTER: $11^h12^m13.0^s$ $-37°25'53''$ **(B1950)**
$11^h14^m36.3^s$ $-37°42'15''$ **(J2000)**
ℓ: **282.55** b: **21.31**

DATE: 1980/ 9 - 1980/ 9
LIVETIME: 1605.5s
ROLL ANGLE: -127.2°

NH: 9.0E+20
REF/ID: CV
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2424	1	11 11 38.0	-37 24 39	38	0.233	0.015	259.4	4.6	16.0	1.1	0	6.9	H	CV
2425	2	11 11 53.2	-37 54 24	51	0.062	0.010	37.8	3.2	5.9	2.5	100	28.6	H	

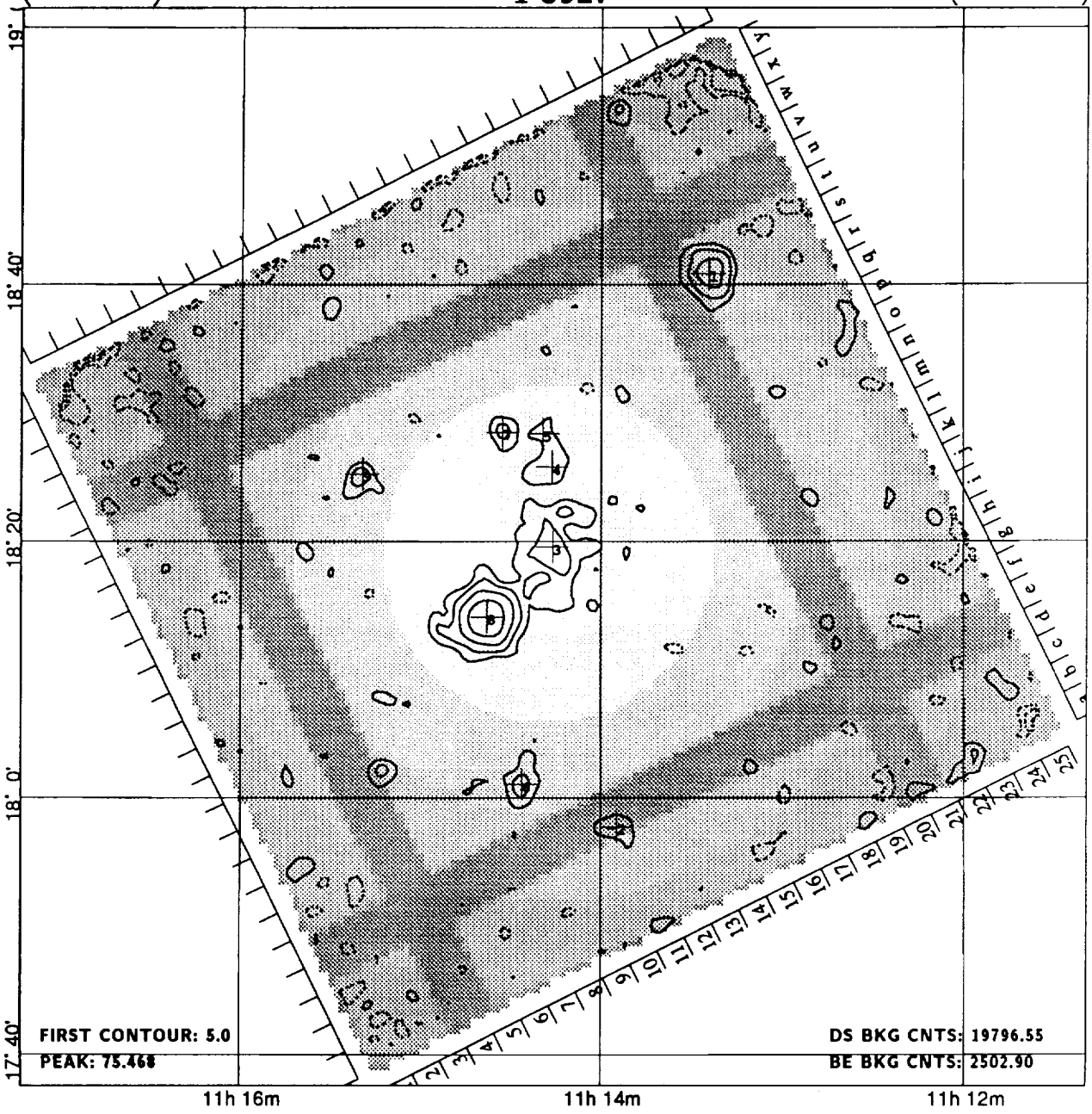
(11h 13m) **I 1844** (11h 13m)



A1213: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: $11^h13^m48.0^s$ $29°32'59''$ (B1950) | DATE: 1979/350 - 1979/350 | NH: 1.5E+20
$11^h16^m29.1^s$ $29°16'36''$ (J2000) | LIVETIME: 1533.2s | REF/ID: !
ℓ: 201.48 b: 69.01 | ROLL ANGLE: -108.7° | FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2427	1	11 12 32.5	29 32 13	51	*0.0240	0.0057	20.7	3.3	4.2	0.9	805	16.4	H	



NGC 3607 GROUP

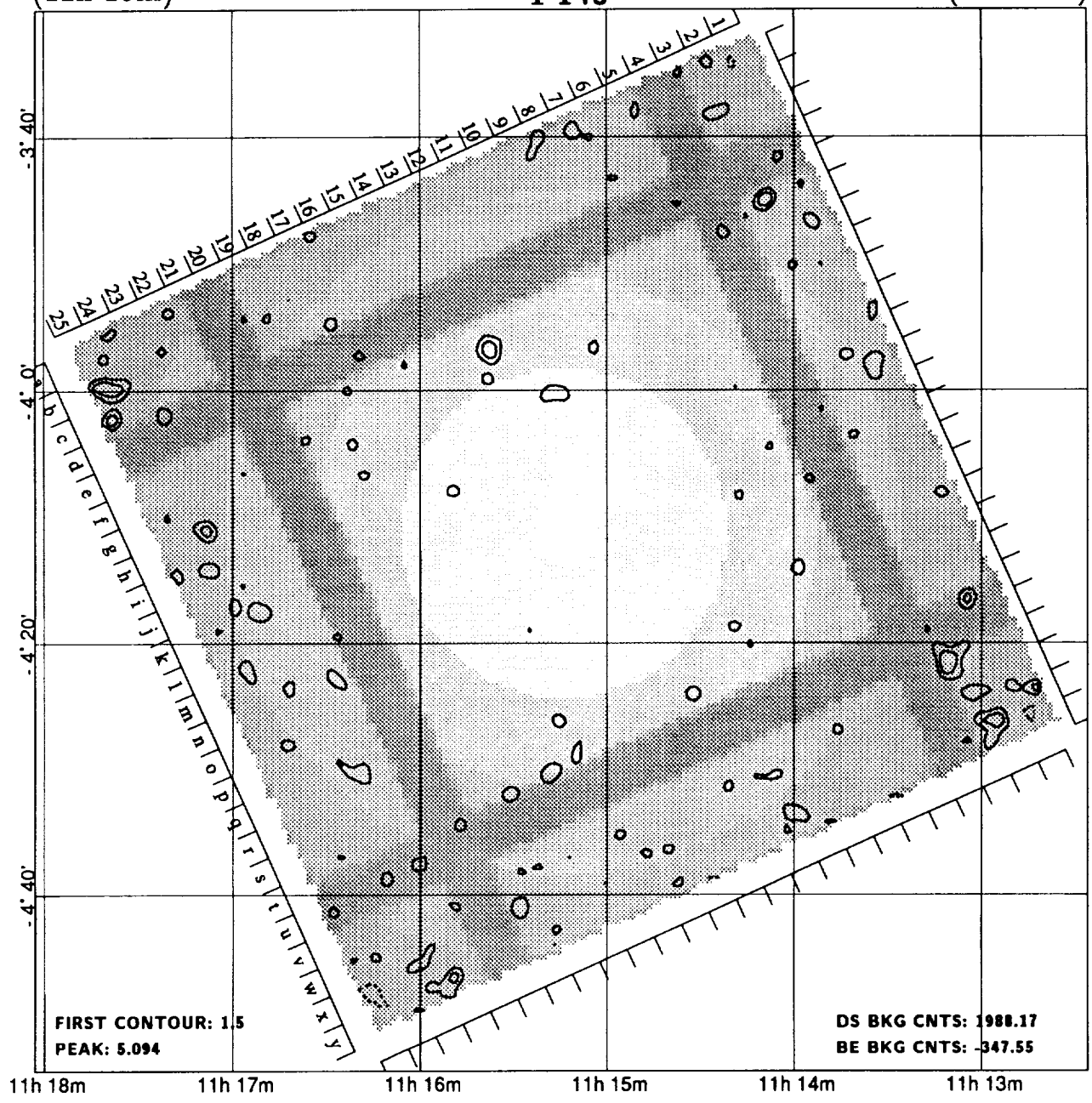
FIELD CENTER: $11^h14^m16.1^s$ $18°19'34''$ (B1950)
$11^h16^m54.0^s$ $18°03'11''$ (J2000)
ℓ: 230.59 b: 66.42

DATE: 1979/341 - 1979/341
LIVETIME: 16041.8s
ROLL ANGLE: -116.4°

NH: 1.5E+20
REF/ID:
FIELD FLAGS:

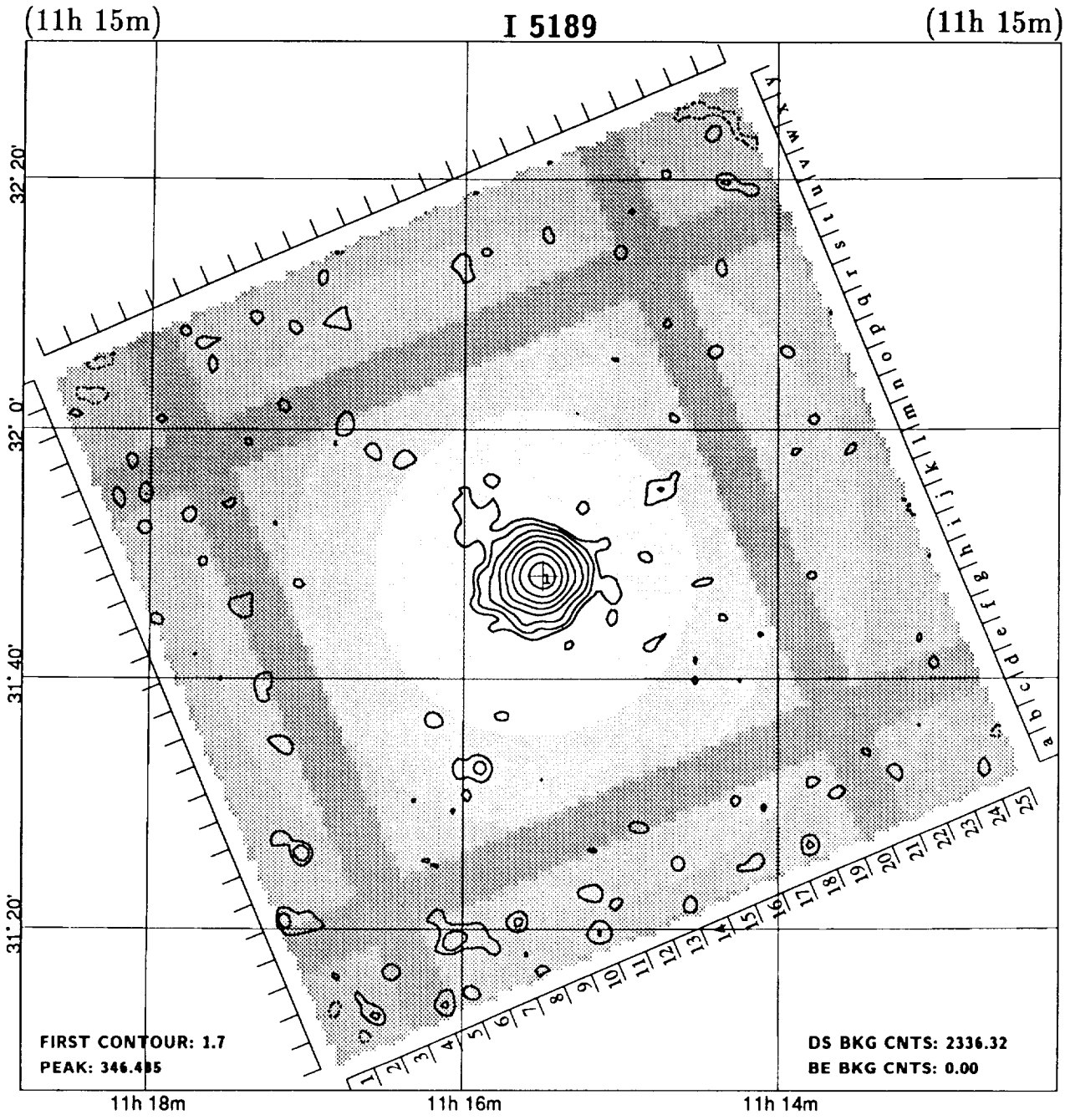
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2430	1	11 13 24.1	18 40 48	50	*0.0117	0.0015	80.1	31.9	7.6	1.5	702	24.7	H	*
2431	2	11 13 54.6	17 57 45	99	*0.00368	0.00097	28.3	27.7	3.8	0.8	1209	22.3	H	
2433	3	11 14 16.1	18 19 33	35	0.00665	0.00098	79.4	56.6	6.8	11.7	0	0.2	H	G
2434	4	11 14 16.3	18 25 52	44	0.00431	0.00088	48.2	47.8	4.9	1.3	0	6.3	H	
2435	5	11 14 19.5	18 28 24	55	0.00292	0.00082	31.4	46.6	3.6	1.9	0	9.0		
2436	6	11 14 26.3	18 01 04	54	0.00397	0.00097	34.6	37.4	4.1	1.0	0	18.4	H	
2437	7	11 14 32.9	18 28 31	42	0.00414	0.00094	44.0	56.0	4.4	0.7	0	10.1		
2438	8	11 14 38.0	18 14 07	38	0.0319	0.0018	356.4	57.6	17.5	2.7	0	7.4	H	CV
2439	9	11 15 19.6	18 25 18	54	0.00443	0.00098	40.8	40.2	4.5	0.8	0	16.4	H	

(11h 15m) **I 148** (11h 15m)



A1216 CLUSTER SURFACE BRIGHTNESS

FIELD CENTER:	$11^h15^m14.4^s$ -04°11'59" (B1950)	DATE: 1979/171 - 1979/171	NH: 4.4E+20
	$11^h17^m47.2^s$ -04°28'24" (J2000)	LIVETIME: 1611.1s	REF/ID:
	ℓ: 263.78 b: 51.14	ROLL ANGLE: 65.8°	FIELD FLAGS:



STAR XI UMA,CORRELATION OF CORONAL ACTIVITY WITH BINARY PERIOD

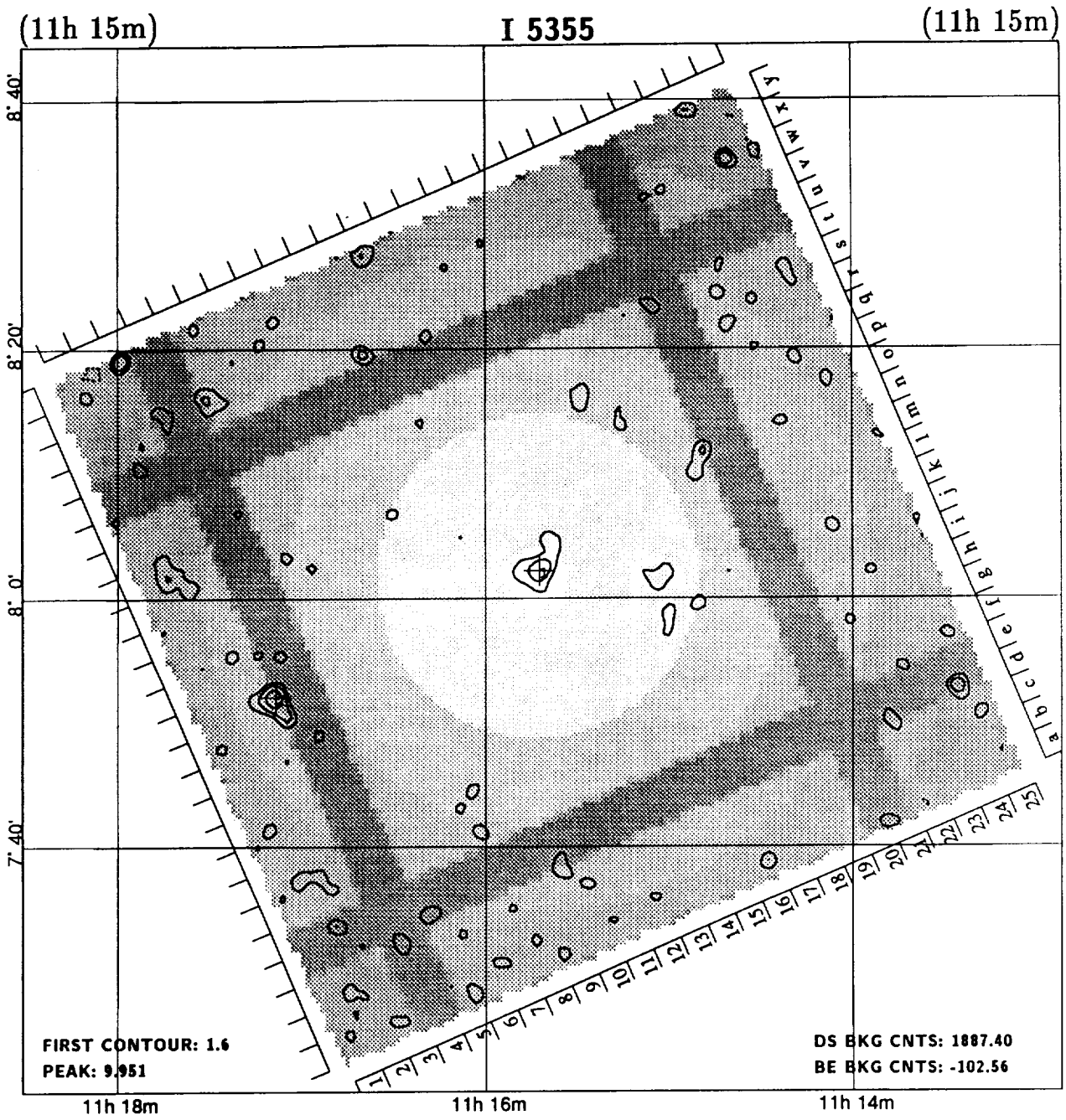
FIELD CENTER: $11^h15^m31.0^s$ $31°48'59''$ **(B1950)**
$11^h18^m12.4^s$ $31°32'35''$ **(J2000)**
ℓ: **195.07** b: **69.25**

DATE: 1979/339 - 1979/339
LIVETIME: 1893.2s
ROLL ANGLE: -113.1°

NH: 2.1E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2440	1L	11 15 29.8	31 48 17	31	0.873	0.033	1231.5	383.5	26.1	1.7	0	0.7		S

(11h 15m) **I 5355** (11h 15m)



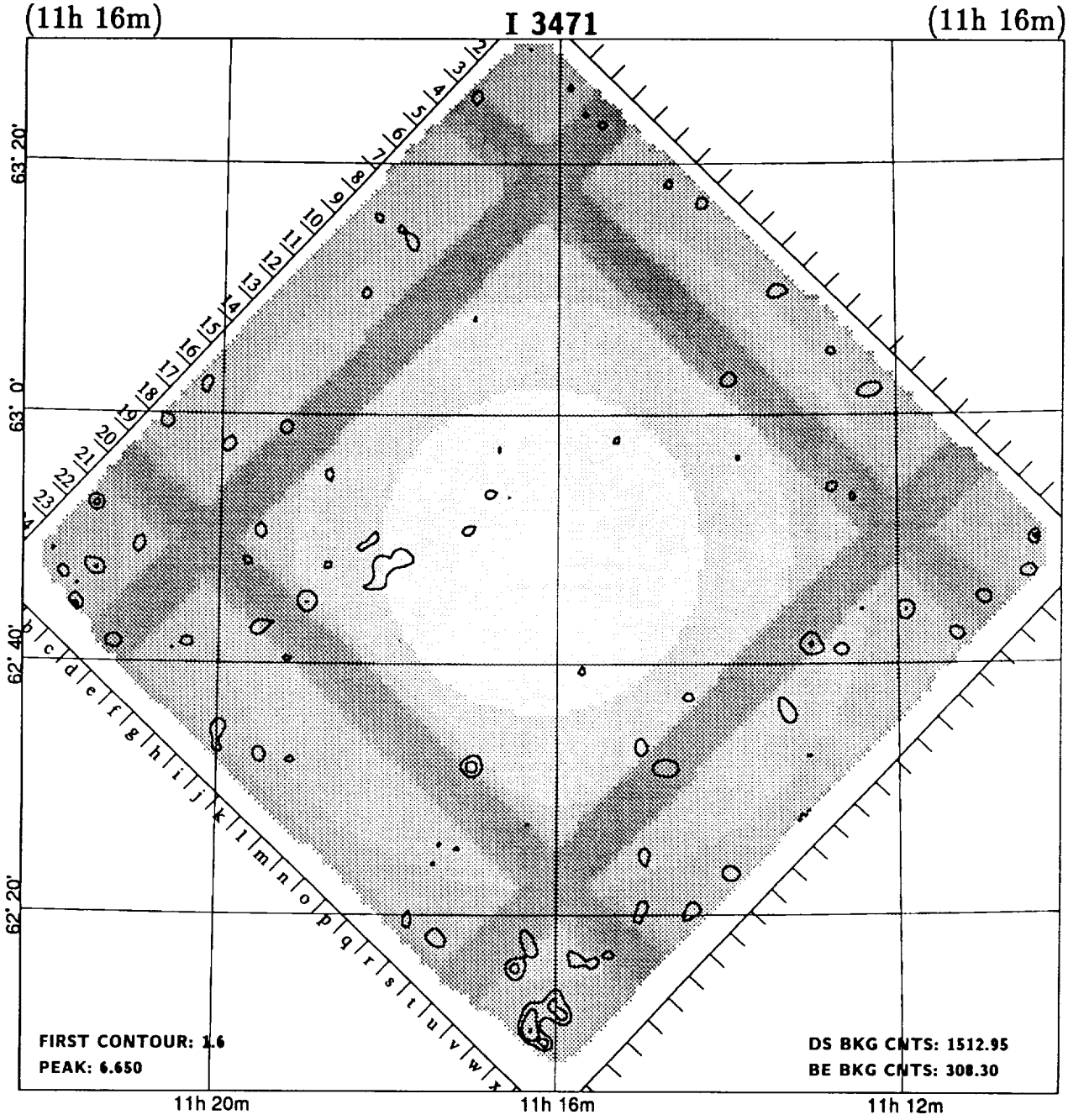
SURVEY OF BRIGHT QUASARS (PG)

FIELD CENTER: $11^h15^m41.4^s$ $08°02'21''$ **(B1950)**
$11^h18^m16.8^s$ $07°45'57''$ **(J2000)**
ℓ: **249.89** b: **60.64**

DATE: 1979/339 - 1979/339
LIVETIME: 1529.4s
ROLL ANGLE: -113.3°

NH: 3.7E+20
REF/ID:
FIELD FLAGS:

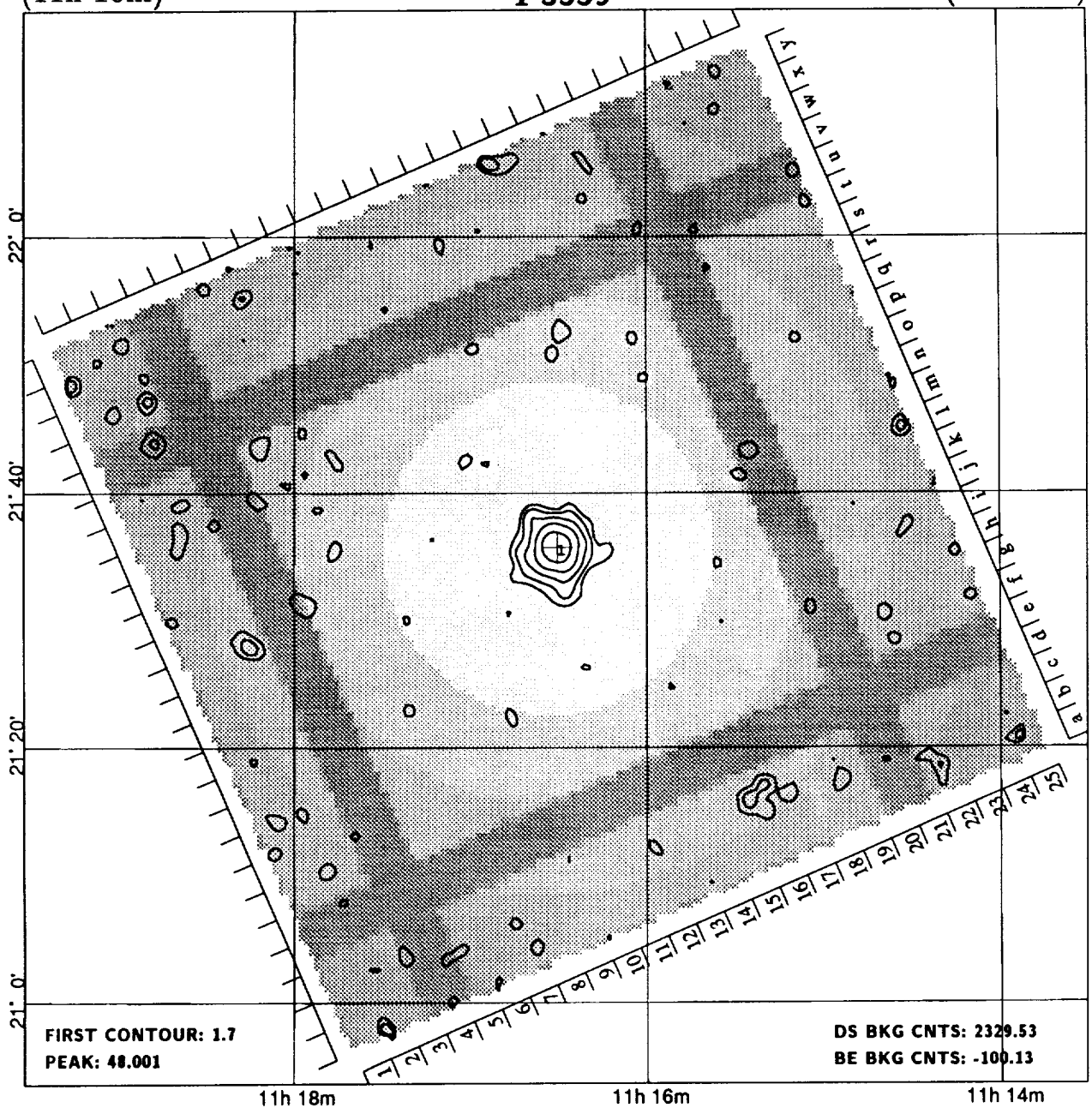
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2441	1	11 15 42.3	08 02 13	36	0.0174	0.0043	19.9	4.1	4.1	1.2	0	0.4	H	Q
2444	2	11 17 08.6	07 52 04	52	*0.0261	0.0066	18.2	2.8	4.0	1.0	905	24.0		



MKN 166,SEYFERT AND ACTIVE NUCLEI GALAXIES

FIELD CENTER:	$11^h16^m12.0^s$ 62°47'59" (B1950)	**DATE:** 1979/117 - 1979/117	**NH:** 9.5E+19
	$11^h19^m09.4^s$ 62°31'34" (J2000)	**LIVETIME:** 1226.0s	**REF/ID:**
	ℓ: 139.80 b: 51.47	**ROLL ANGLE:** 43.7°	**FIELD FLAGS:**

(11h 16m) **I 5339** (11h 16m)



SURVEY OF BRIGHT QUASARS (PG)

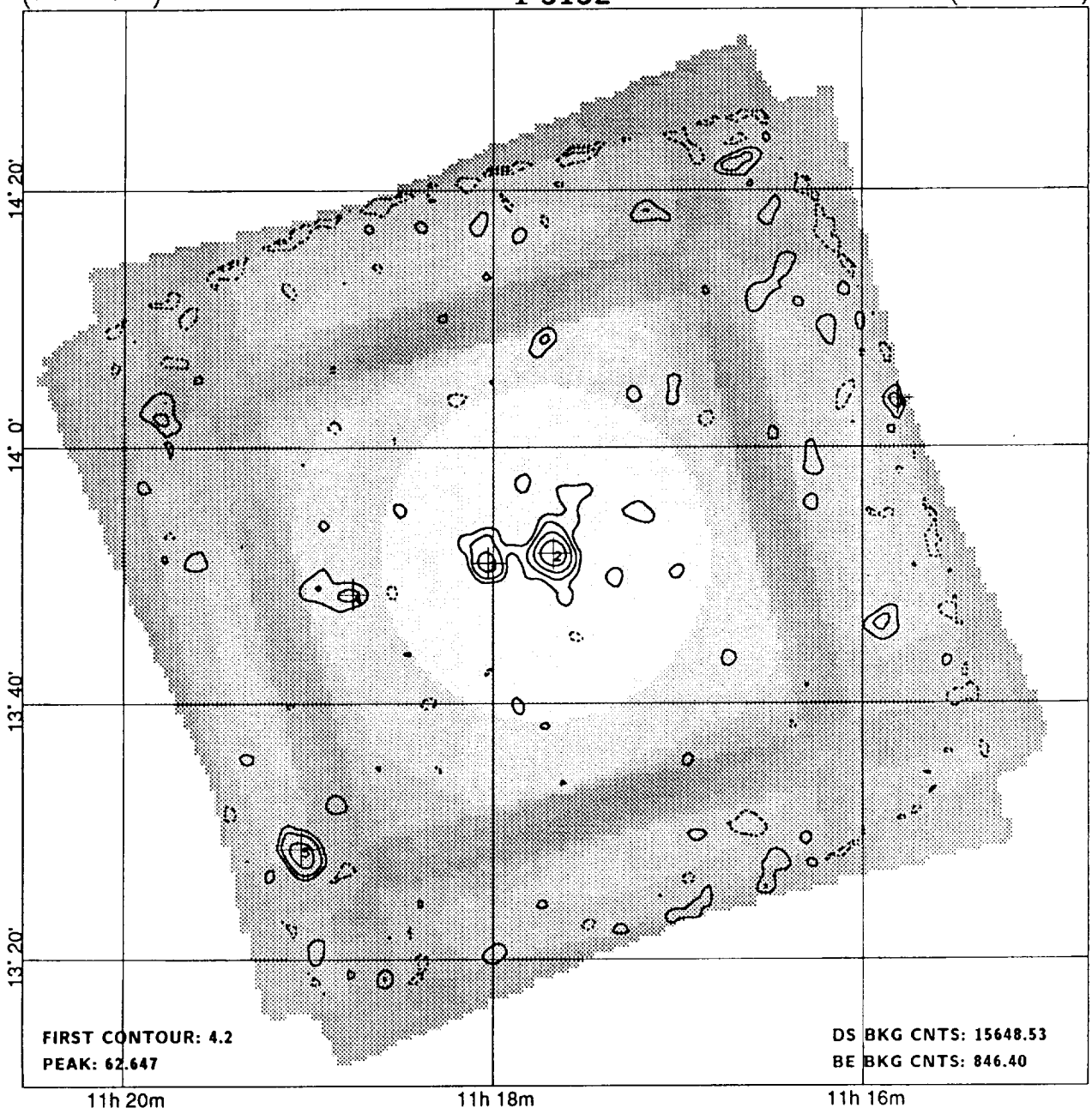
FIELD CENTER: $11^h16^m30.9^s$ $21°35'43''$ (B1950)
$11^h19^m09.4^s$ $21°19'18''$ (J2000)
ℓ: 223.36 b: 68.21

DATE: 1979/340 - 1979/340
LIVETIME: 1887.7s
ROLL ANGLE: -113.4°

NH: 1.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2443	1	11 16 30.5	21 35 42	31	0.158	0.011	222.5	5.5	14.7	1.8	0	0.2	H	Q

(11h 17m) **I 5152** (11h 17m)



NGC 3628, GASEOUS HALOES OF GALAXIES

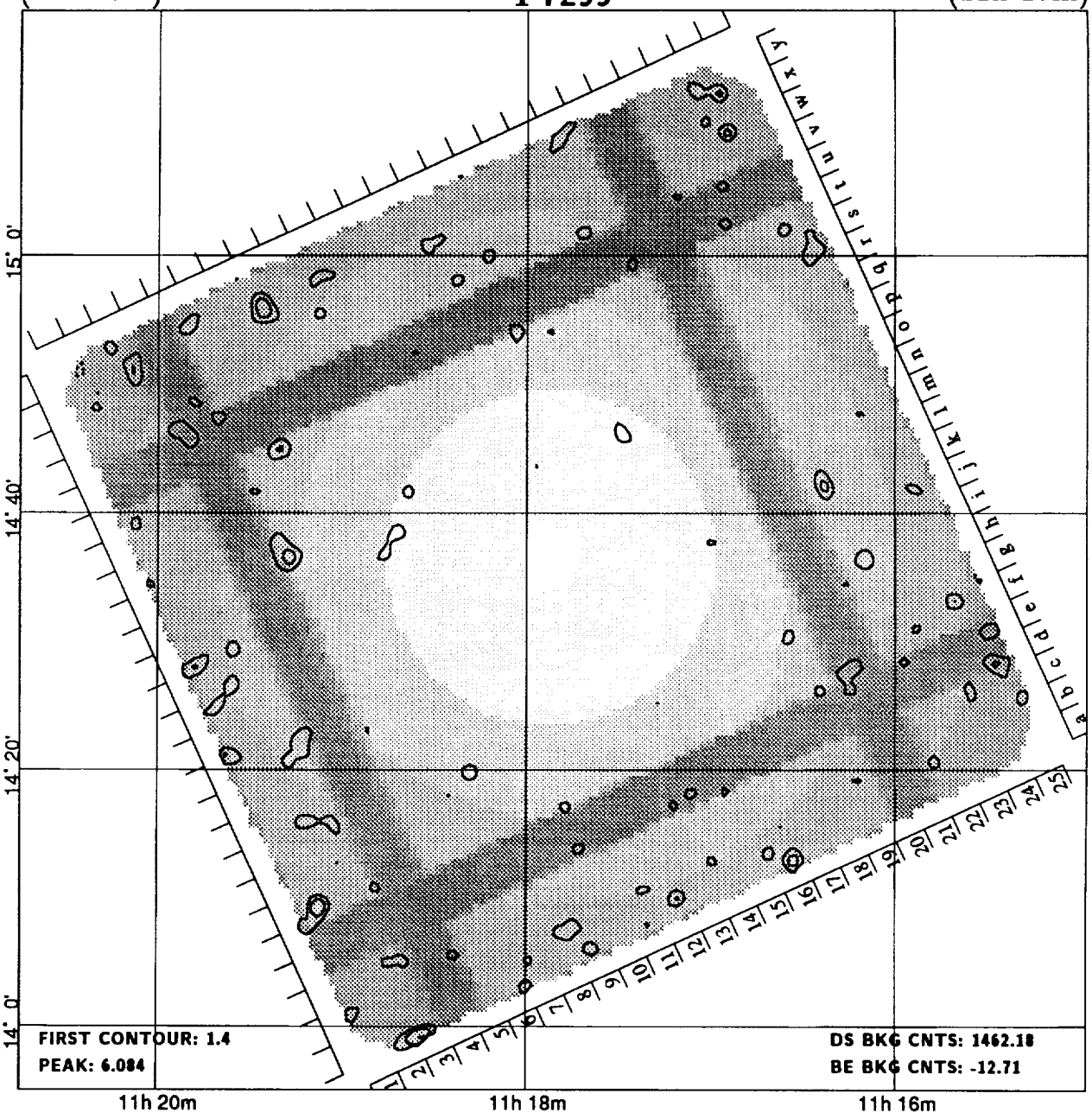
FIELD CENTER: $11^h17^m40.0^s$ $13°52'05''$ **(B1950)**
$11^h20^m16.6^s$ $13°35'39''$ **(J2000)**
ℓ: **240.84** b: **64.78**

DATE: 1979/339 - 1979/340
LIVETIME: 12680.4s

NH: 2.0E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2442	1	11 15 48.6	14 03 49	68	*0.0088	0.0024	22.7	16.3	3.6	0.8	907	29.6	EH	
2445	2	11 17 40.4	13 51 43	31	0.0276	0.0018	261.4	41.6	15.0	1.8	0	0.4	H	G
2447	3	11 18 01.6	13 50 56	38	0.0104	0.0013	94.5	41.5	8.1	4.8	0	5.3		*
2449	4	11 18 45.8	13 48 31	55	0.0047	0.0011	34.8	29.2	4.4	1.4	0	16.5		
2451	5	11 19 02.4	13 28 41	51	*0.0109	0.0019	48.9	22.1	5.8	1.2	1002	30.8	H	

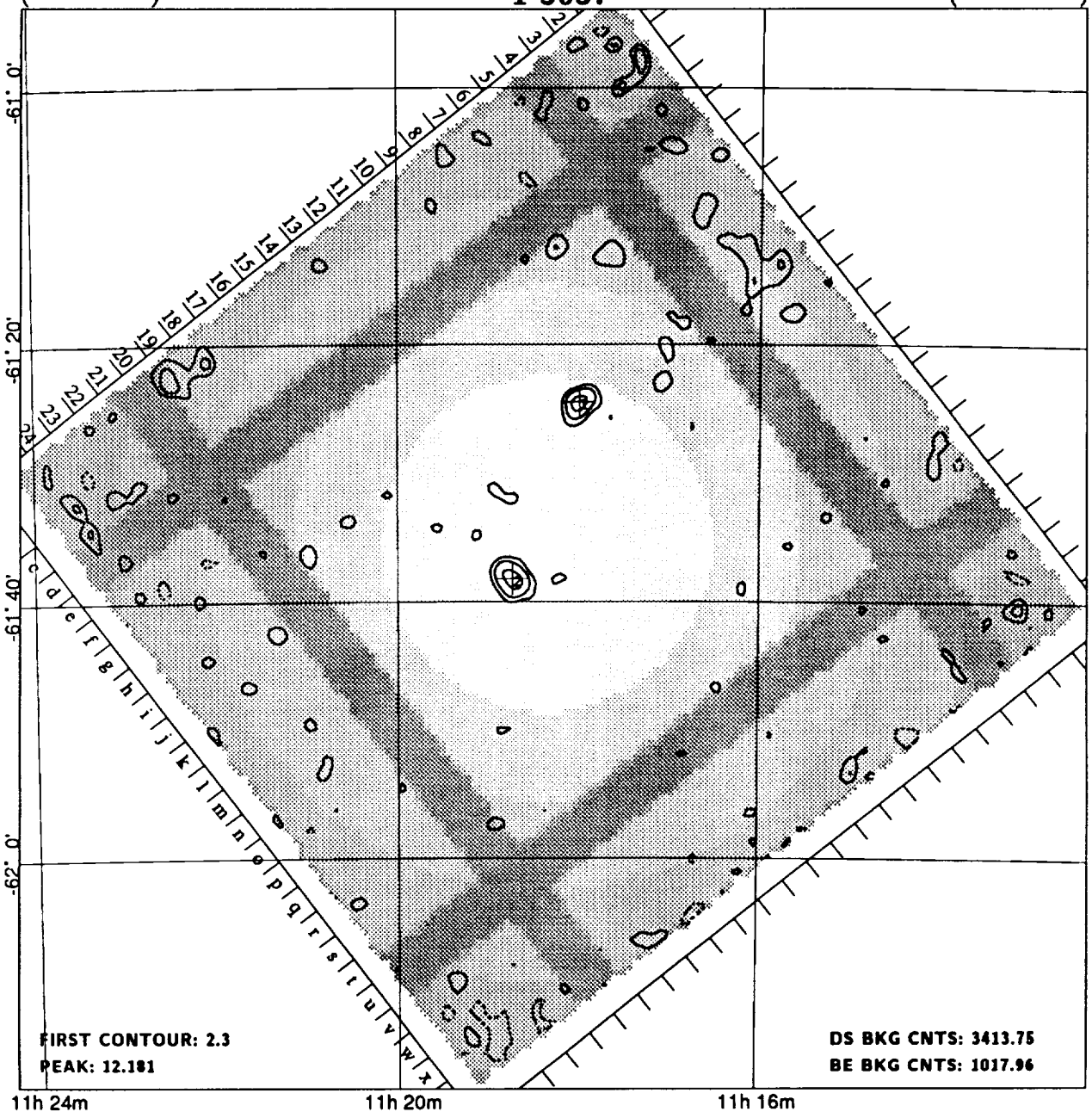
(11h 17m) **I 7299** (11h 17m)



1117+14, LOW FREQ. VAR. EXTRAGAL. RADIO SOURCE

FIELD CENTER:	$11^h17^m51.0^s$ $14°37'05''$ (B1950)	**DATE:** 1980/346 - 1980/346	**NH:** 1.9E+20
	$11^h20^m27.8^s$ $14°20'39''$ (J2000)	**LIVETIME:** 1184.9s	**REF/ID:**
	ℓ: 239.45 b: 65.25	**ROLL ANGLE:** -114.6°	**FIELD FLAGS:**

(11h 18m) **I 3057** (11h 18m)



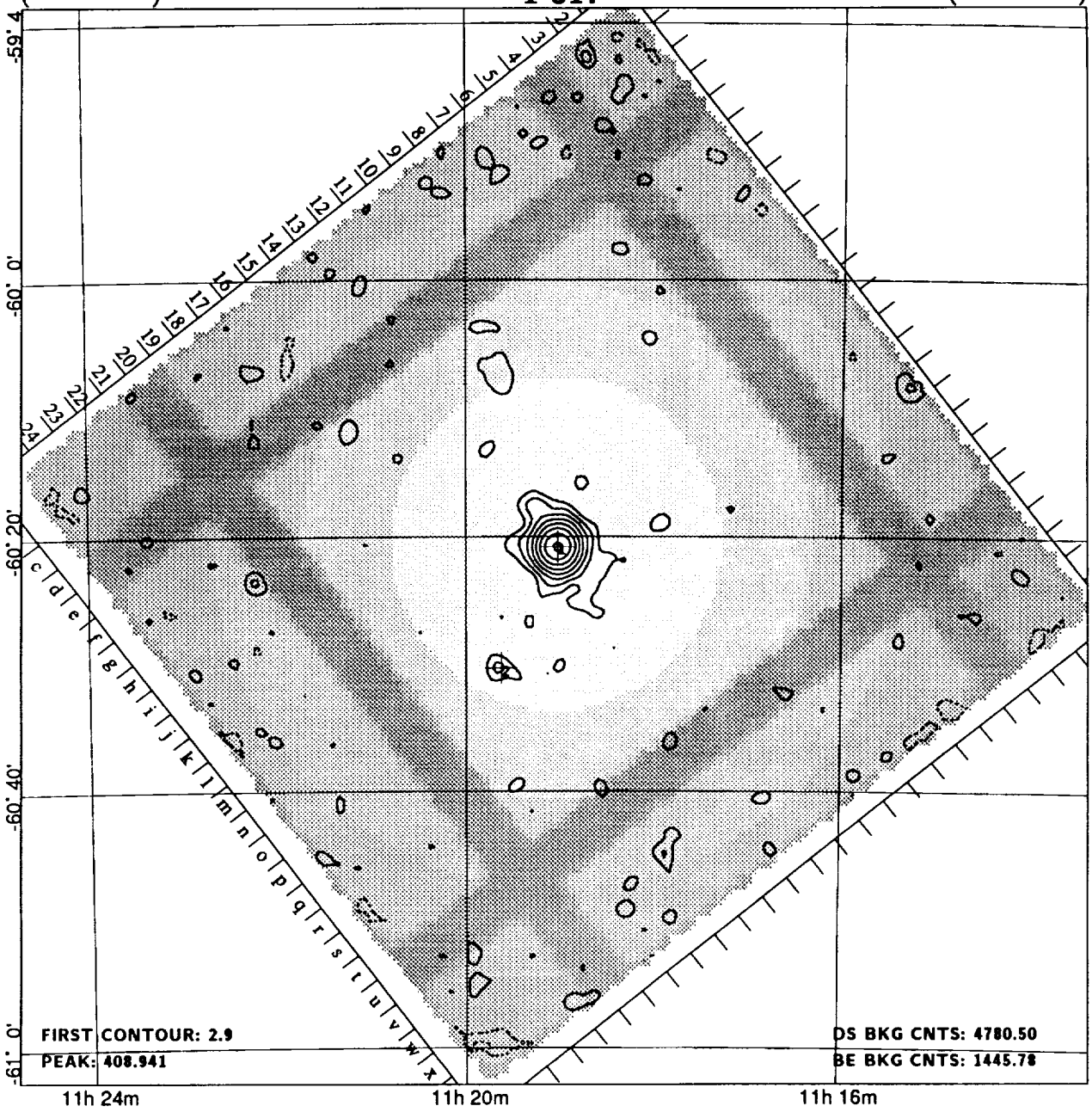
ACCRETING WHITE DWARFS: RS CEN

FIELD CENTER: $11^h18^m17.0^s$ $-61°35'59''$ (B1950) | $11^h20^m28.8^s$ $-61°52'26''$ (J2000) | ℓ: 292.43 b: -0.87

DATE: 1979/194 - 1979/194 | **LIVETIME:** 2766.3s | **ROLL ANGLE:** 52.1°

NH: 1.2E+21 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2446	1	11 17 59.2	-61 24 29	41	0.0210	0.0039	37.8	11.2	5.4	0.9	0	11.8	H	
2448	2	11 18 43.6	-61 38 13	35	0.0265	0.0040	53.0	12.0	6.6	1.0	0	4.0		



CEN X-3 INTERSTELLAR GRAIN HALO

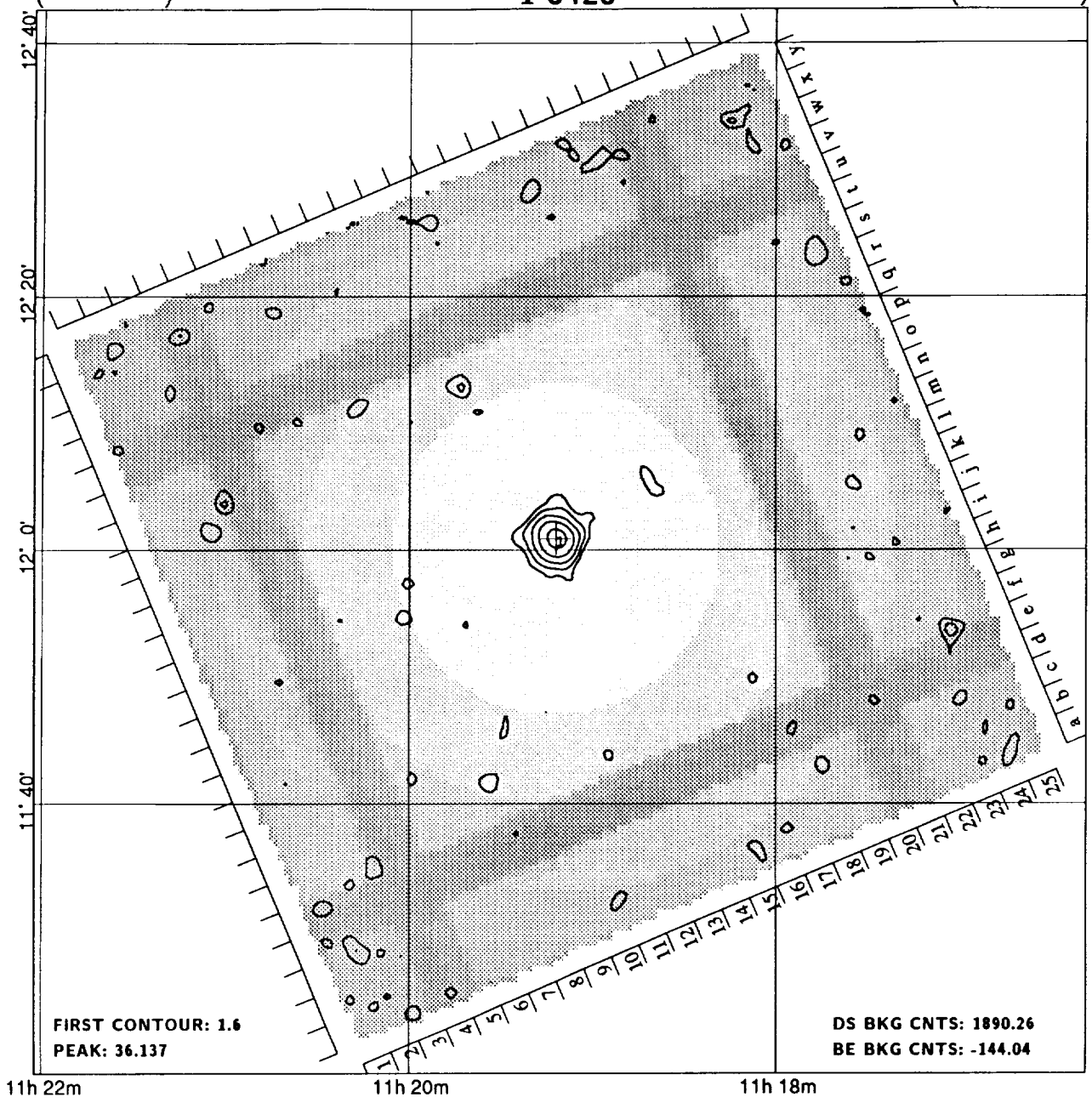
FIELD CENTER: $11^h19^m03.0^s$ $-60°20'53''$ (B1950) | $11^h21^m16.3^s$ $-60°37'20''$ (J2000) | ℓ: 292.09 b: 0.34

DATE: 1979/194 - 1979/194 | **LIVETIME:** 3873.8s | **ROLL ANGLE:** 52.1°

NH: 1.2E+21 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2450	1	11 19 01.3	-60 20 49	31	0.512	0.013	1480.2	15.8	38.3	1.1	0	0.2	H	
2453	2	11 19 37.4	-60 30 17	46	0.0083	0.0023	21.2	12.8	3.6	0.6	0	10.4		

(11h 19m) **I 8428** (11h 19m)



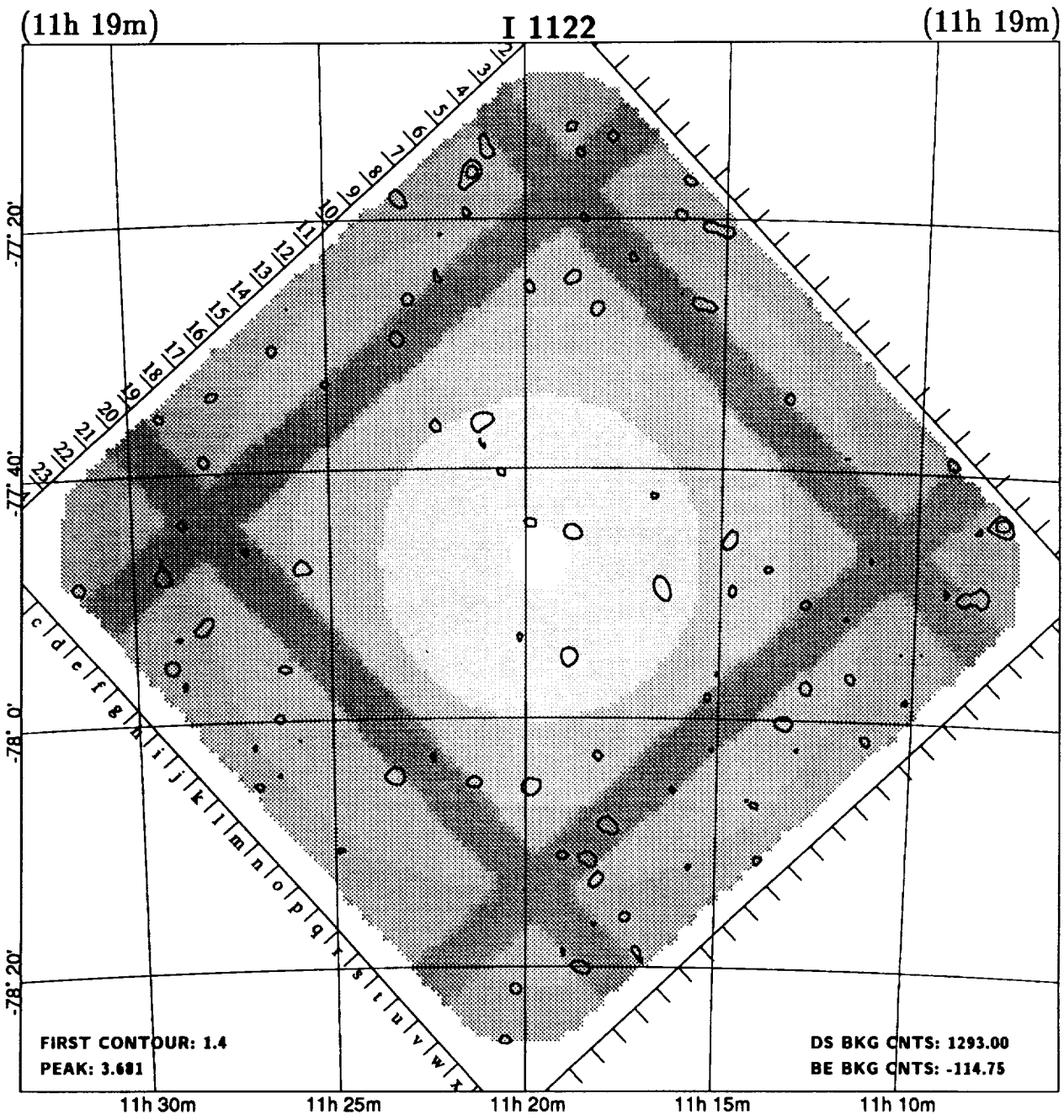
SURVEY OF BRIGHT (PG) QUASARS

FIELD CENTER: $11^h19^m11.0^s$ $12°00'41''$ (B1950)
$11^h21^m47.1^s$ $11°44'14''$ (J2000)
ℓ: 244.76 b: 63.94

DATE: 1980/346 - 1980/346
LIVETIME: 1531.7s
ROLL ANGLE: -112.9°

NH: 2.5E+20
REF/ID:
FIELD FLAGS:

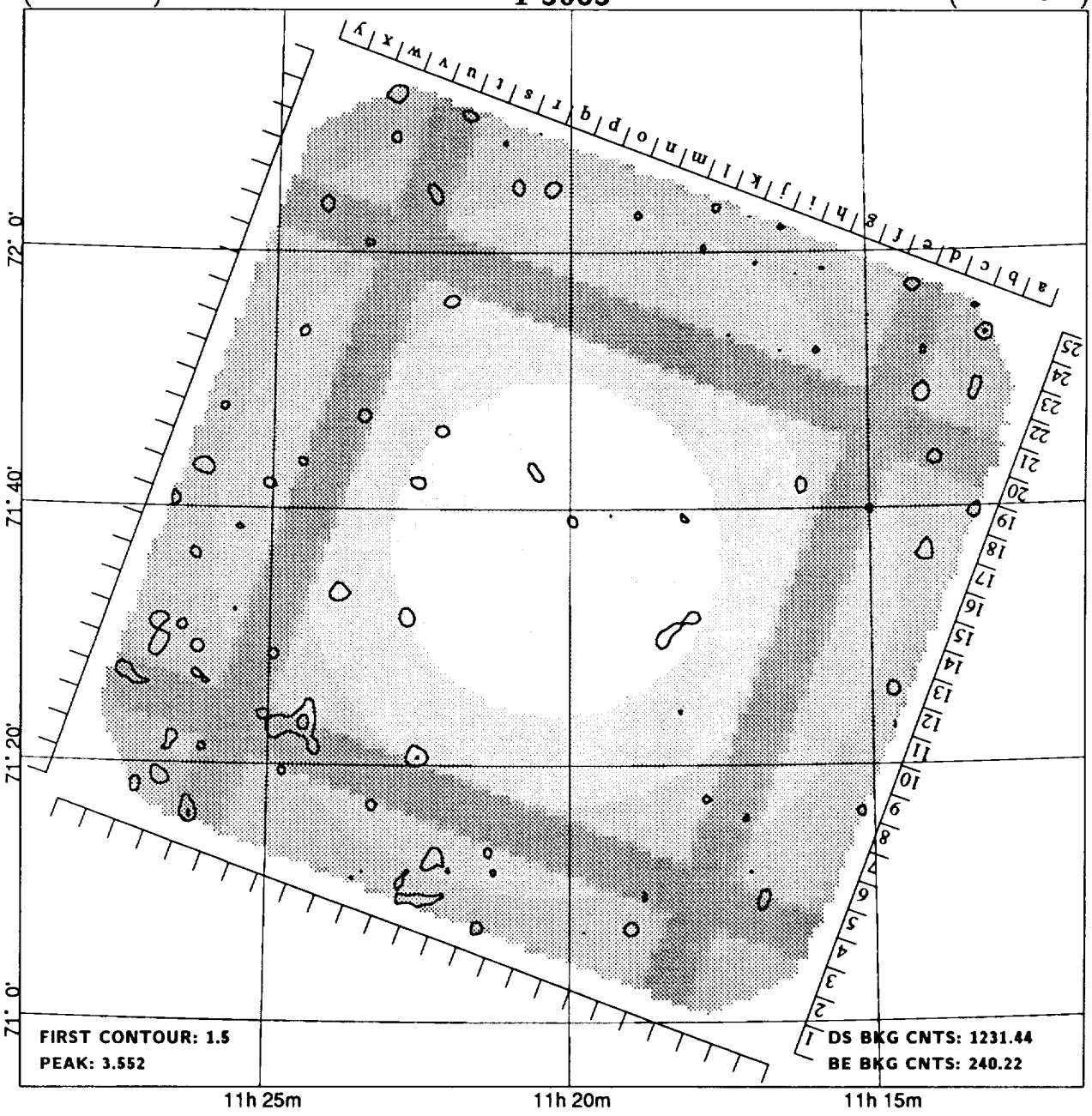
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2452	1	11 19 11.8	12 00 52	31	0.133	0.011	151.9	4.1	12.2	1.4	0	0.4	H	Q



4U1119-77, UNIDENTIFIED HIGH LATITUDE SOURCE

FIELD CENTER:	$11^h19^m36.0^s$ -77°47′59″ (B1950)	**DATE:** 1979/201 - 1979/201	**NH:** 9.5E+20
	$11^h21^m16.0^s$ -78°04′26″ (J2000)	**LIVETIME:** 1047.8s	**REF/ID:**
	ℓ: 298.20 b: -16.04	**ROLL ANGLE:** 47.6°	**FIELD FLAGS:**

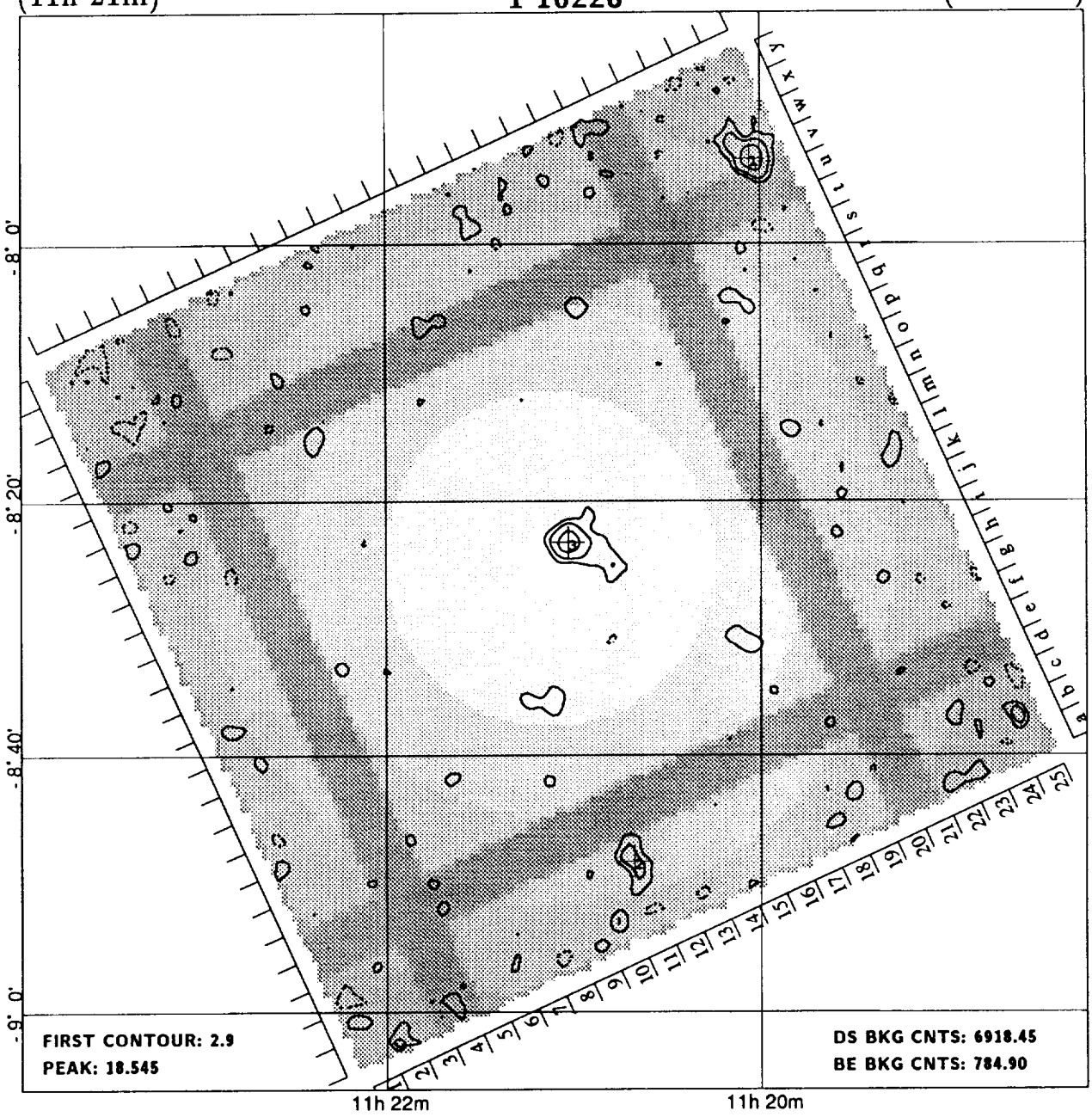
(11h 20m) **I 3085** (11h 20m)



RADIO SOURCES WITH STEEP SPECTRA: NB71.12

FIELD CENTER:	$11^h20^m18.0^s$ 71°36'56" (B1950)	**DATE:** 1979/277 - 1979/277	**NH:** 1.9E+20
	$11^h23^m24.7^s$ 71°20'28" (J2000)	**LIVETIME:** 997.9s	**REF/ID:**
	ℓ: 132.54 b: 44.11	**ROLL ANGLE:** -159.7°	**FIELD FLAGS:**

(11h 21m) **I 10228** (11h 21m)



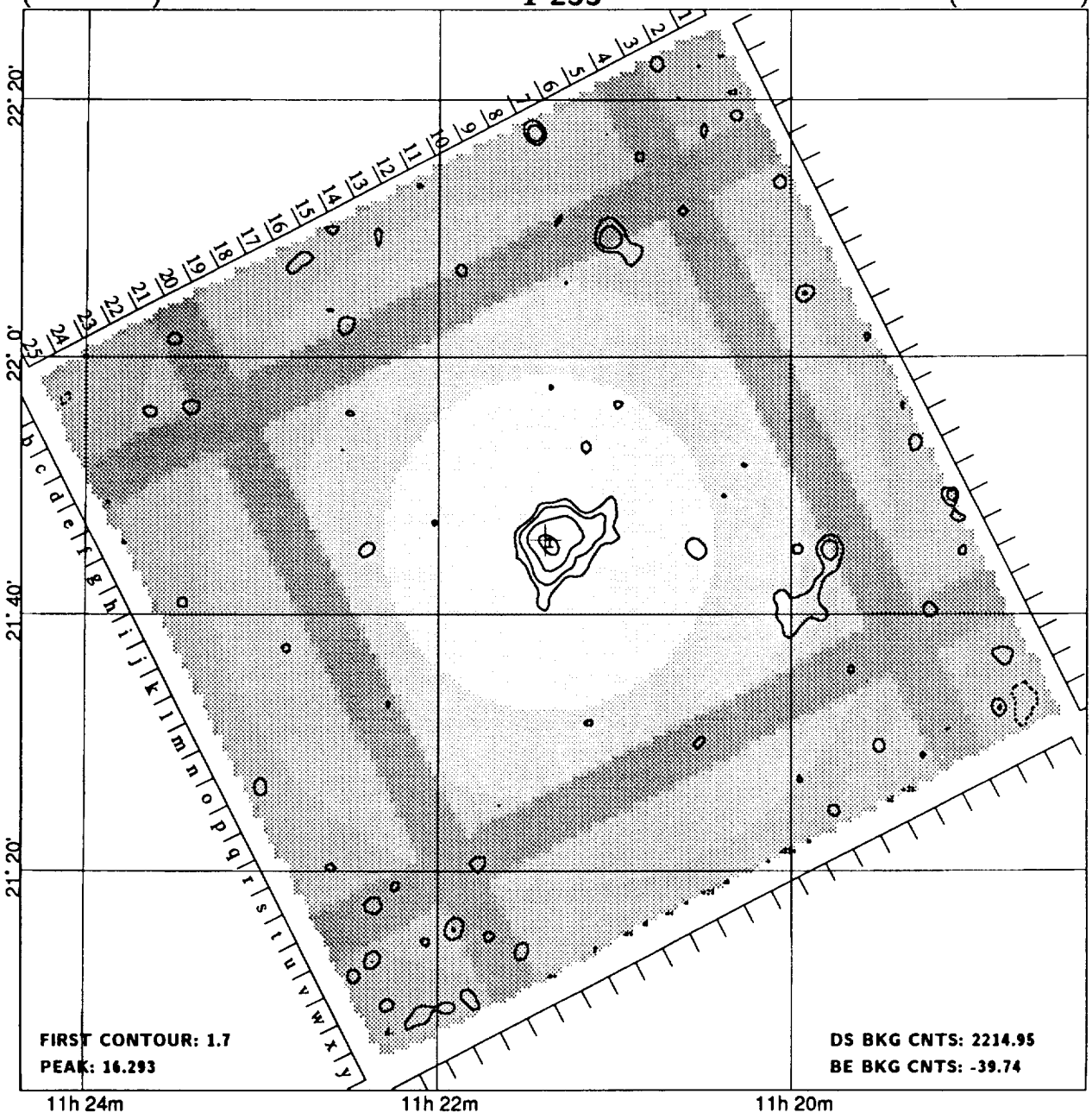
N 3660: ACTIVE NUCLEI OF BARRED SPIRALS

FIELD CENTER: $11^h21^m06.0^s$ $-08°23'59''$ (B1950) | $11^h23^m38.1^s$ $-08°40'28''$ (J2000) | ℓ: 269.15 b: 48.35

DATE: 1980/355 - 1980/355 | **LIVETIME:** 5606.3s | **ROLL ANGLE:** -114.5°

NH: 3.8E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2454	1	11 20 03.5	-07 53 20	55	*0.0186	0.0040	28.0	8.0	4.7	1.2	704	34.3	H	
2455	2	11 20 40.5	-08 48 13	56	0.0084	0.0023	20.7	12.3	3.6	1.1	300	24.8	H	
2456	3	11 21 01.6	-08 23 15	34	0.0178	0.0023	73.8	19.2	7.6	1.4	0	1.1	H	



A 1246 CLUSTER EVOLUTION

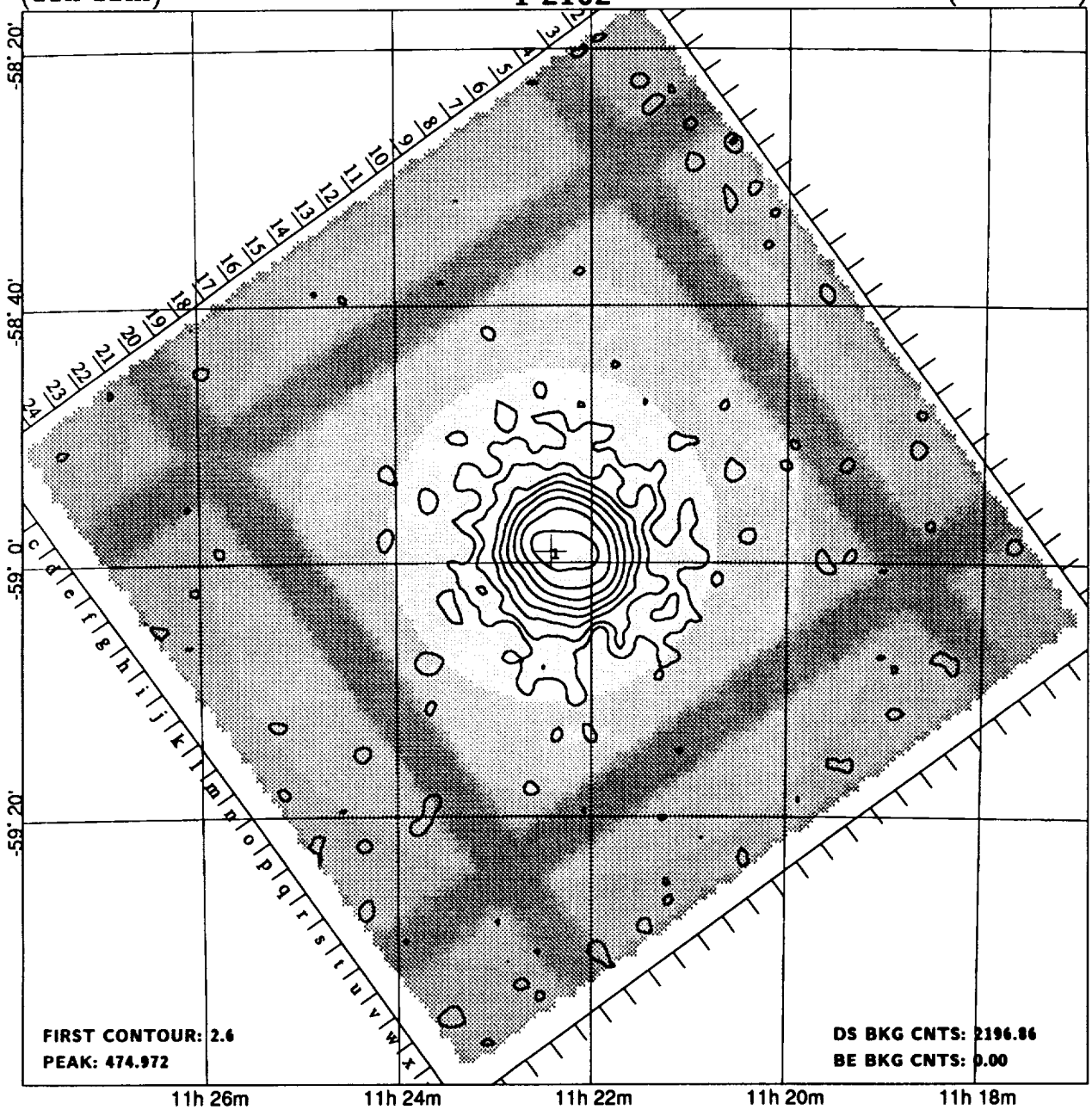
FIELD CENTER: $11^h21^m21.0^s$ 21°44′59″ (B1950)
$11^h23^m59.0^s$ 21°28′31″ (J2000)
ℓ: 224.03 b: 69.32

DATE: 1979/143 - 1979/143
LIVETIME: 1794.8s
ROLL ANGLE: 62.9°

NH: 1.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2458	1	11 21 23.6	21 45 45	32	0.0555	0.0067	74.3	5.7	8.3	2.4	0	0.8	H	CLG

(11h 22m) **I 2162** (11h 22m)



X-RAY STUDY OF SUPERNOVA REMNANTS: G292.0+1.8=MSH11-54

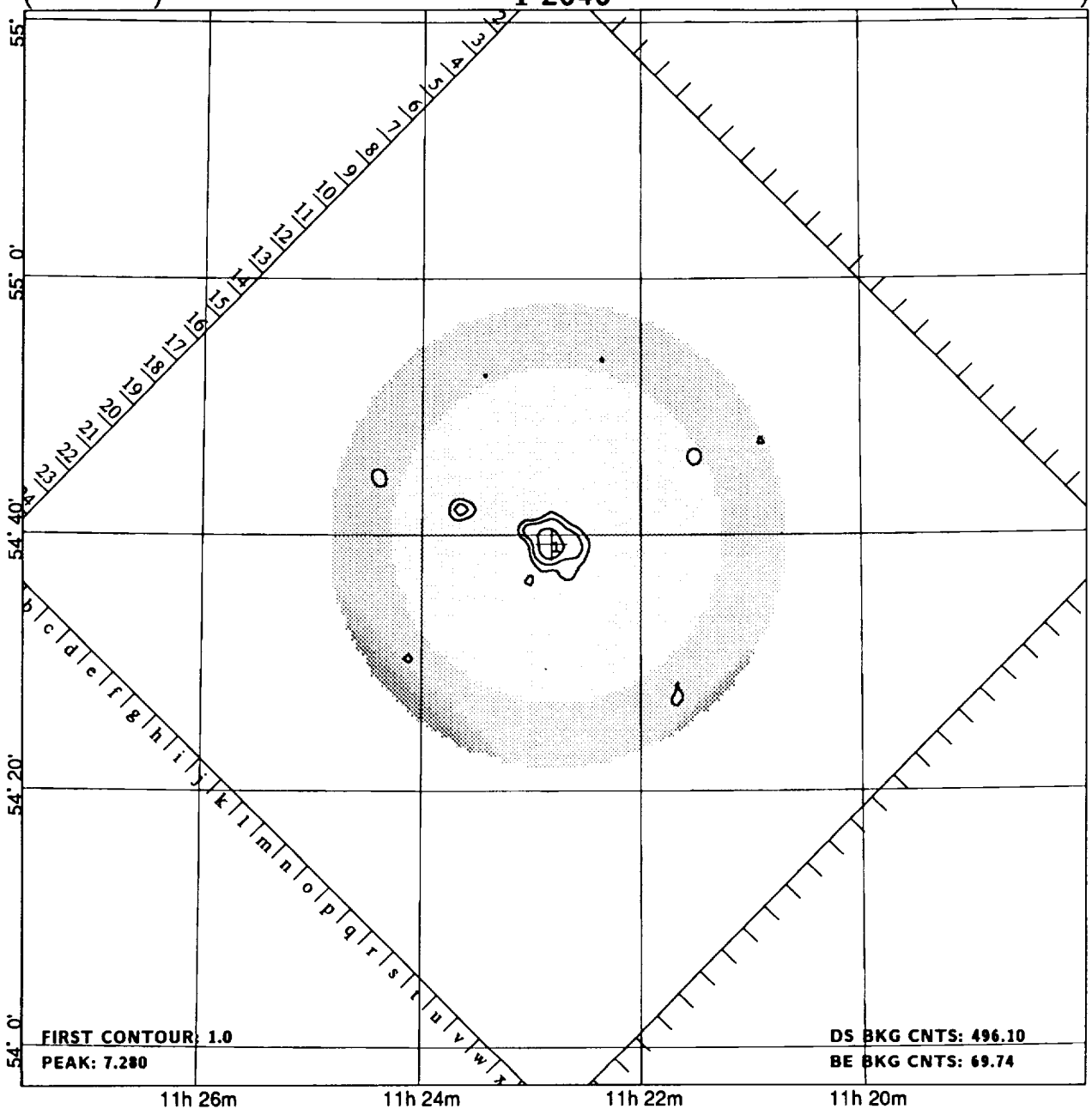
FIELD CENTER: $11^h22^m21.8^s$ -58°58′58″ (B1950)
$11^h24^m37.8^s$ -59°15′27″ (J2000)
ℓ: 292.03 b: 1.76

DATE: 1979/192 - 1979/192
LIVETIME: 1780.2s
ROLL ANGLE: 54.2°

NH: 1.2E+21
REF/ID: SNR
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2460	1L	11 22 24.9	-58 59 05	31	0.735	0.048	973.0	1593.0	15.1	4.5	0	0.4		

(11h 22m) **I 2646** (11h 22m)



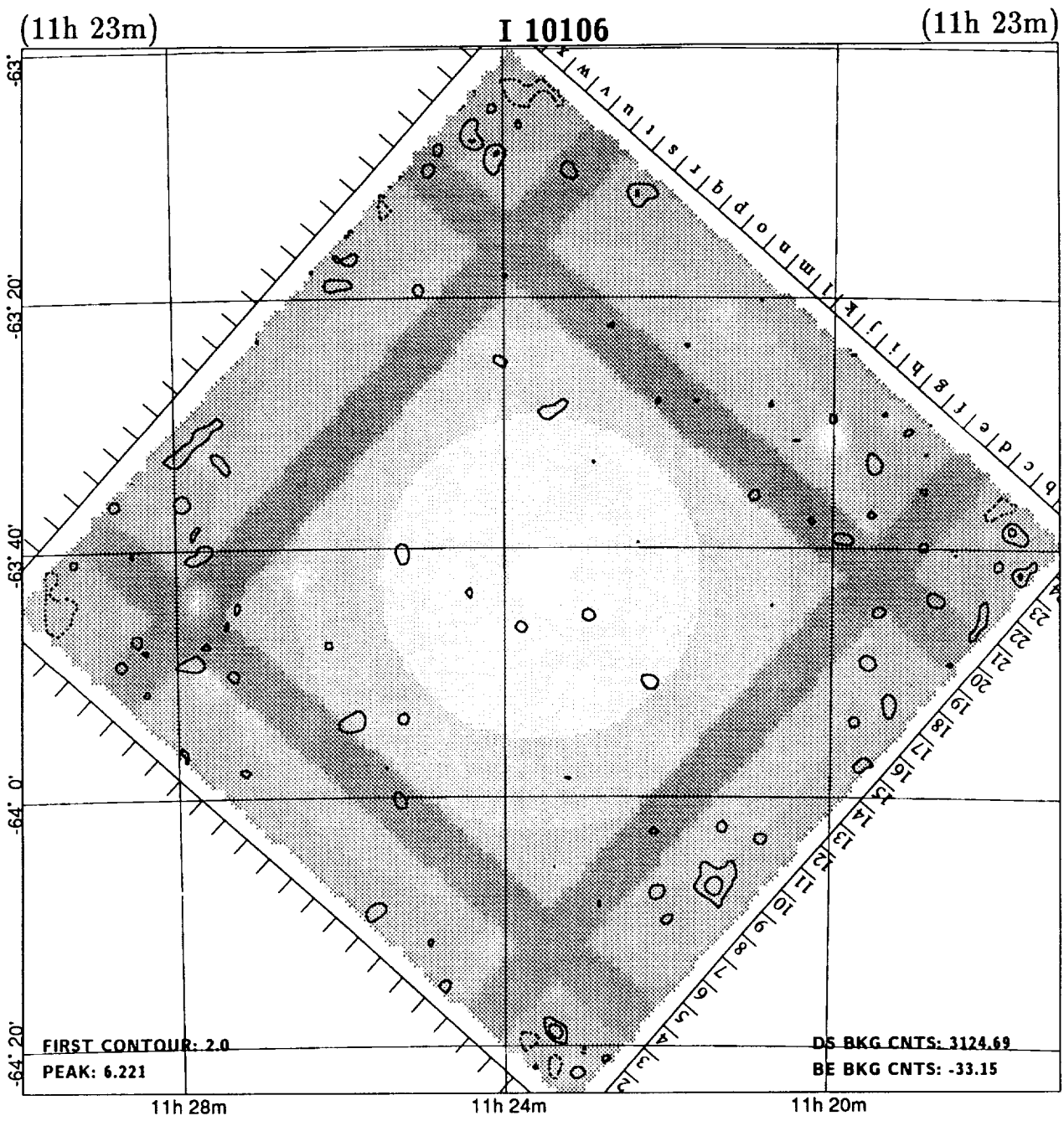
SEYFERT GALAXY SURVEY: VV 144

FIELD CENTER: $11^h22^m48.0^s$ $54°38'59''$ (B1950)
$11^h25^m36.3^s$ $54°22'30''$ (J2000)
ℓ: 147.04 b: 58.55

DATE: 1979/119 - 1979/119
LIVETIME: 402.0s
ROLL ANGLE: 44.7°

NH: 1.0E+20
REF/ID:
FIELD FLAGS:

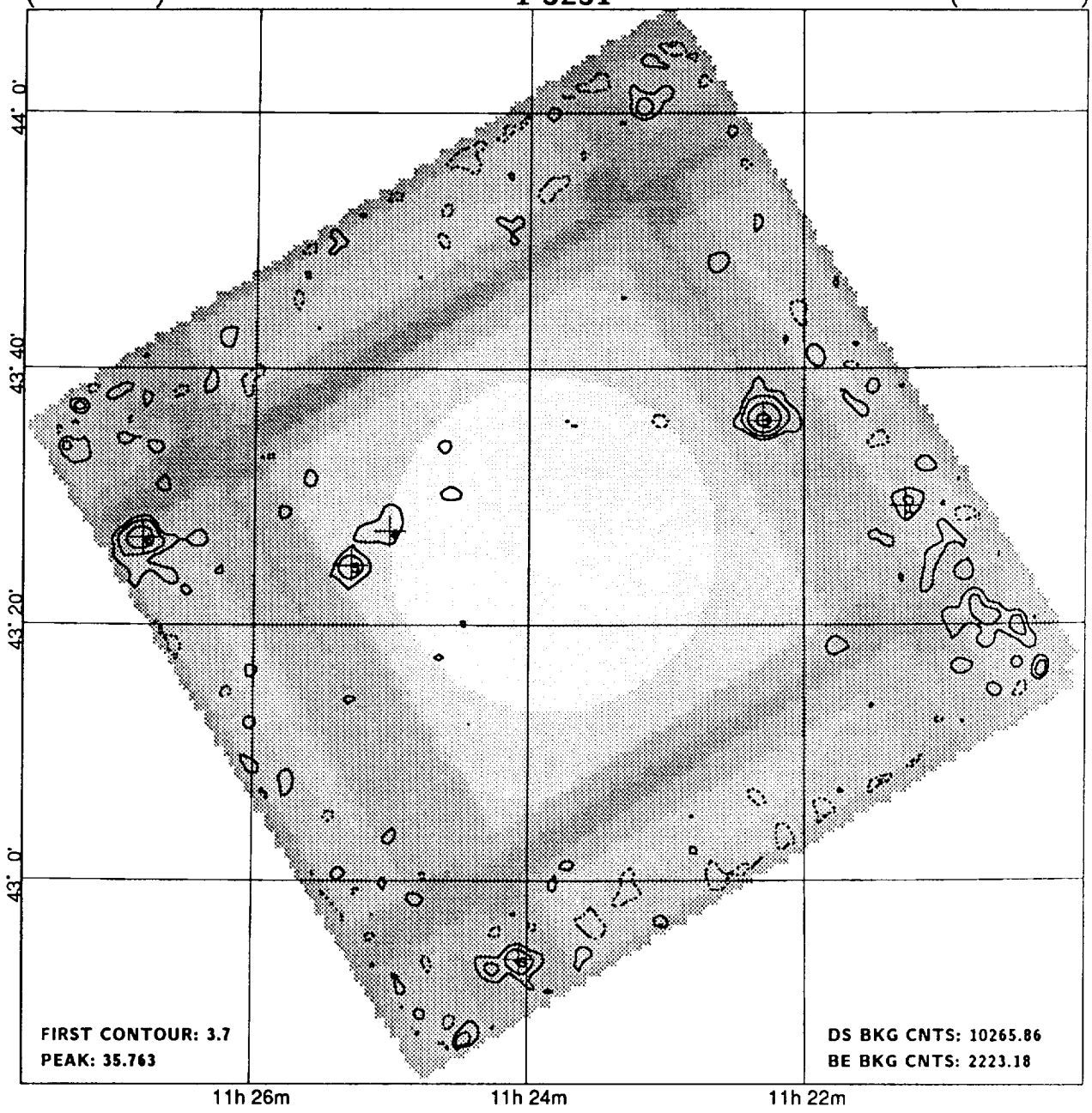
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2462	1	11 22 48.9	54 39 17	35	0.105	0.019	31.5	1.5	5.5	1.5	0	0.4	H	



HR4413,HERTZSPRUNG GAP AND RELATED STARS

FIELD CENTER:	$11^h23^m32.7^s$ -63°41′46″ (B1950)	DATE: 1981/ 23 - 1981/ 23	NH: 1.3E+21
	$11^h25^m45.5^s$ -63°58′17″ (J2000)	LIVETIME: 2532.0s	REF/ID:
	ℓ: 293.70 b: -2.65	ROLL ANGLE: -138.4°	FIELD FLAGS:

(11h 23m) **I 5231** (11h 23m)



QSO 1123+43W1,RADIO WEAK QUASARS

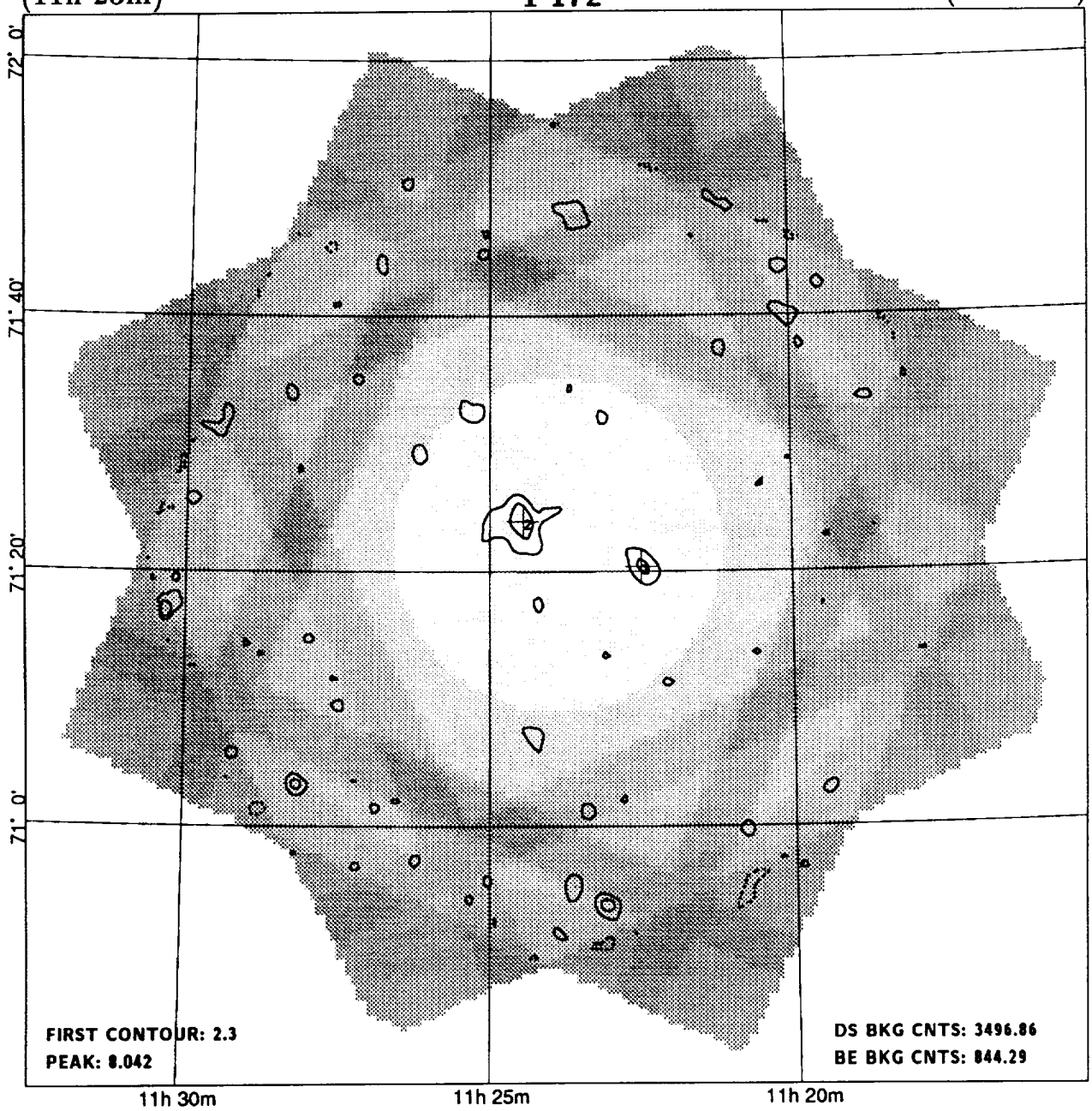
FIELD CENTER: $11^h23^m49.4^s$ 43°26'06" (B1950)
$11^h26^m32.6^s$ 43°09'36" (J2000)
ℓ: 164.41 b: 66.50

DATE: 1979/325 - 1980/137
LIVETIME: 8318.7s

NH: 2.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2457	1	11 21 16.2	43 29 18	68	0.0071	0.0020	22.5	18.5	3.5	0.7	400	27.8		
2459	2	11 22 18.0	43 35 58	48	*0.0234	0.0025	102.3	15.7	9.4	1.2	1609	19.2		
2463	3	11 24 03.5	42 53 50	56	*0.0091	0.0024	23.4	14.6	3.8	1.2	1509	32.2		
2465	4	11 25 01.0	43 27 20	47	0.0049	0.0014	25.5	25.5	3.6	1.2	0	12.9		
2466	5	11 25 17.6	43 24 40	51	0.0085	0.0017	40.7	25.3	5.0	0.8	300	16.2	H	
2468	6	11 26 48.4	43 26 48	51	*0.0174	0.0030	45.0	15.0	5.8	1.4	1007	32.7	H	

(11h 23m) **I 172** (11h 23m)



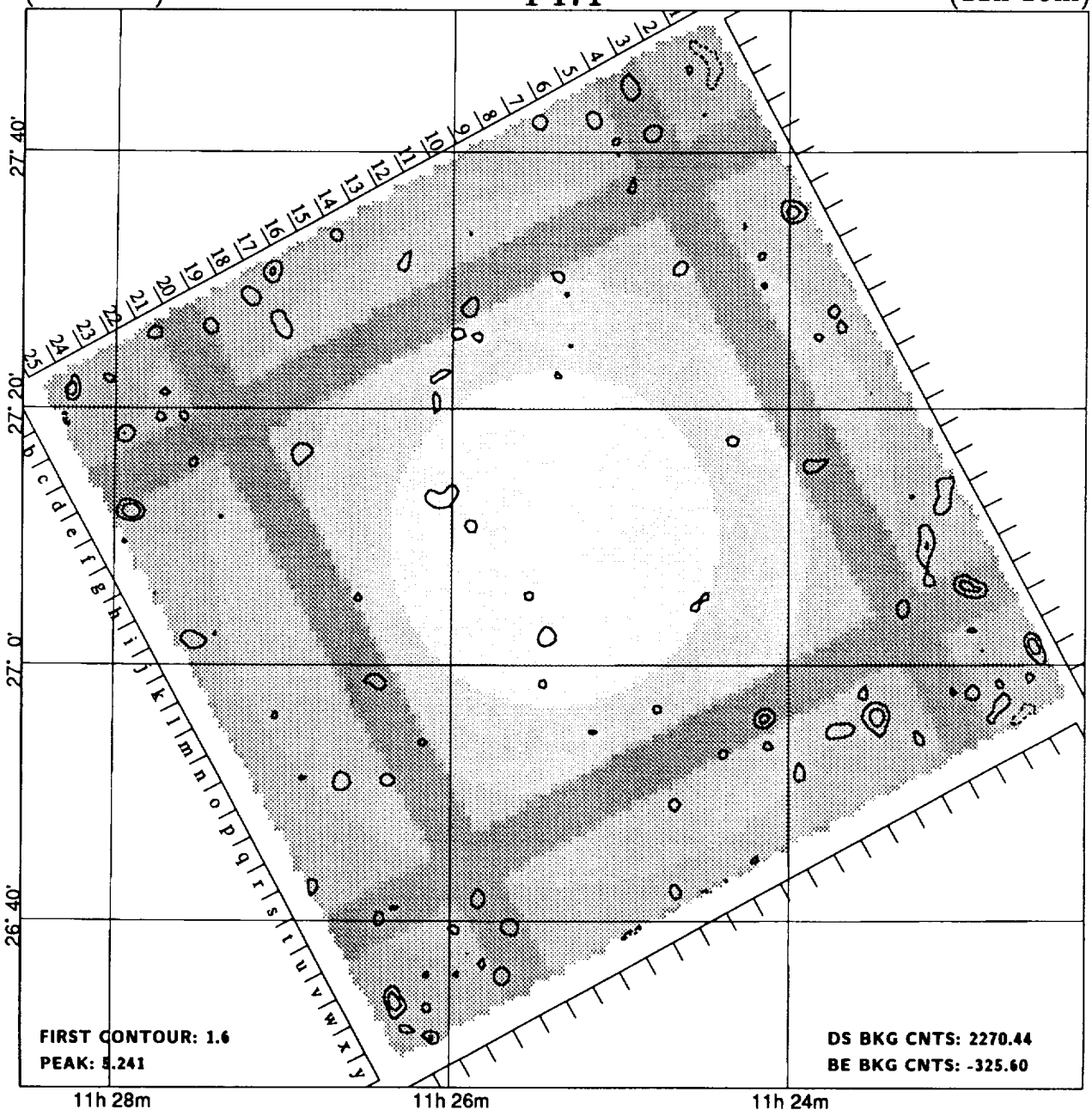
A1254 CLUSTER SURFACE BRIGHTNESS

FIELD CENTER: $11^h23^m54.0^s$ $71°21'57''$ **(B1950)**
$11^h26^m57.3^s$ $71°05'27''$ **(J2000)**
ℓ: **132.35** b: **44.46**

DATE: 1979/283 - 1980/145
LIVETIME: 2833.6s

NH: 1.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2461	1	11 22 29.8	71 20 22	43	0.0112	0.0029	22.2	11.8	3.8	0.8	0	6.6	H	
2464	2	11 24 27.0	71 23 58	36	0.0144	0.0031	29.8	12.2	4.6	1.6	0	3.2	H	

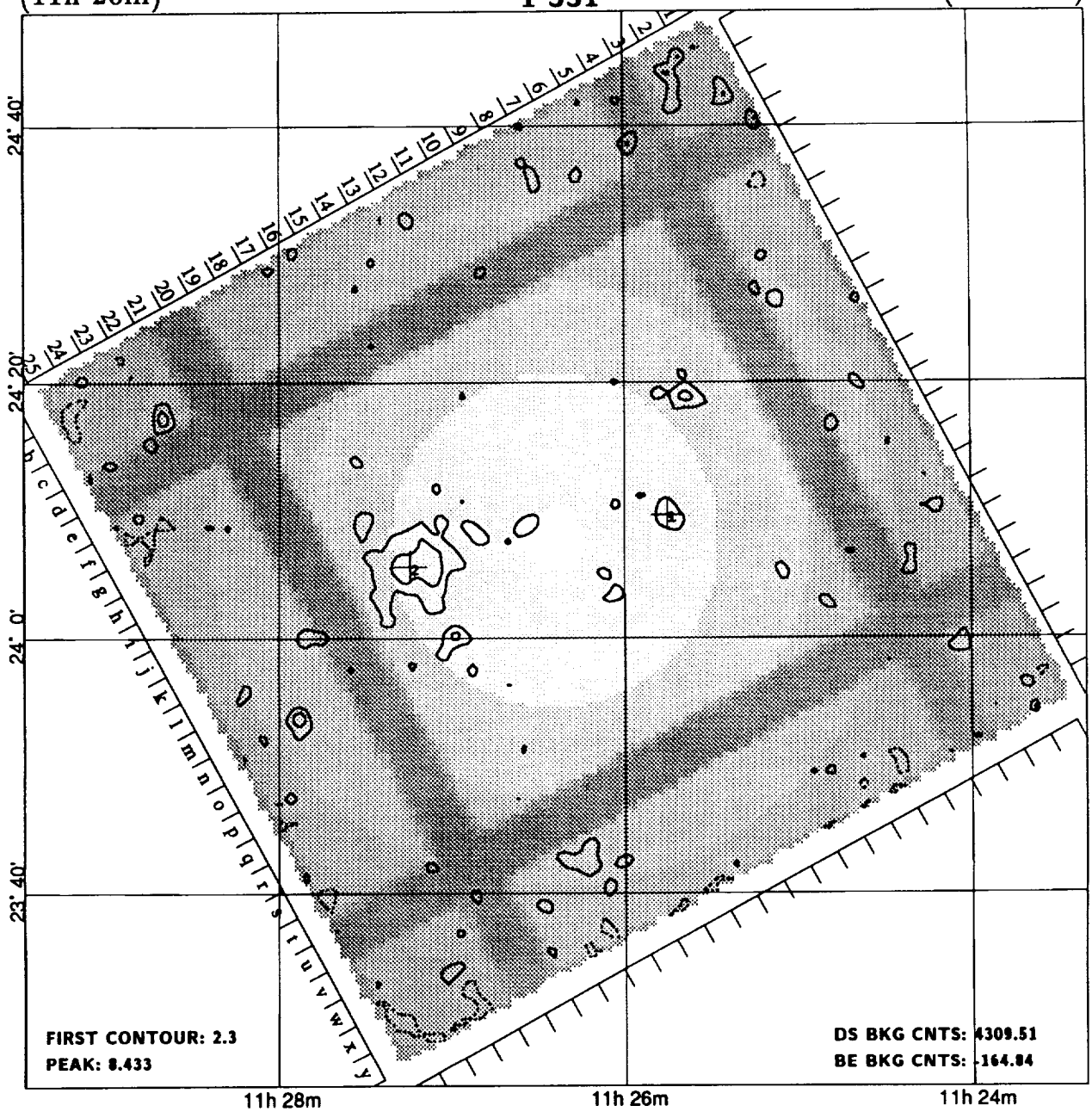


A1267 CLUSTER SURFACE BRIGHTNESS

FIELD CENTER: $11^h25^m24.0^s$ $27°08'59''$ (B1950)
$11^h28^m02.7^s$ $26°52'28''$ (J2000)
ℓ: 208.93 b: 71.44

DATE: 1979/143 - 1979/143
LIVETIME: 1839.8s
ROLL ANGLE: 61.5°

NH: 1.6E+20
REF/ID:
FIELD FLAGS:



A 1268 1272 SUPERCLUSTER STUDY

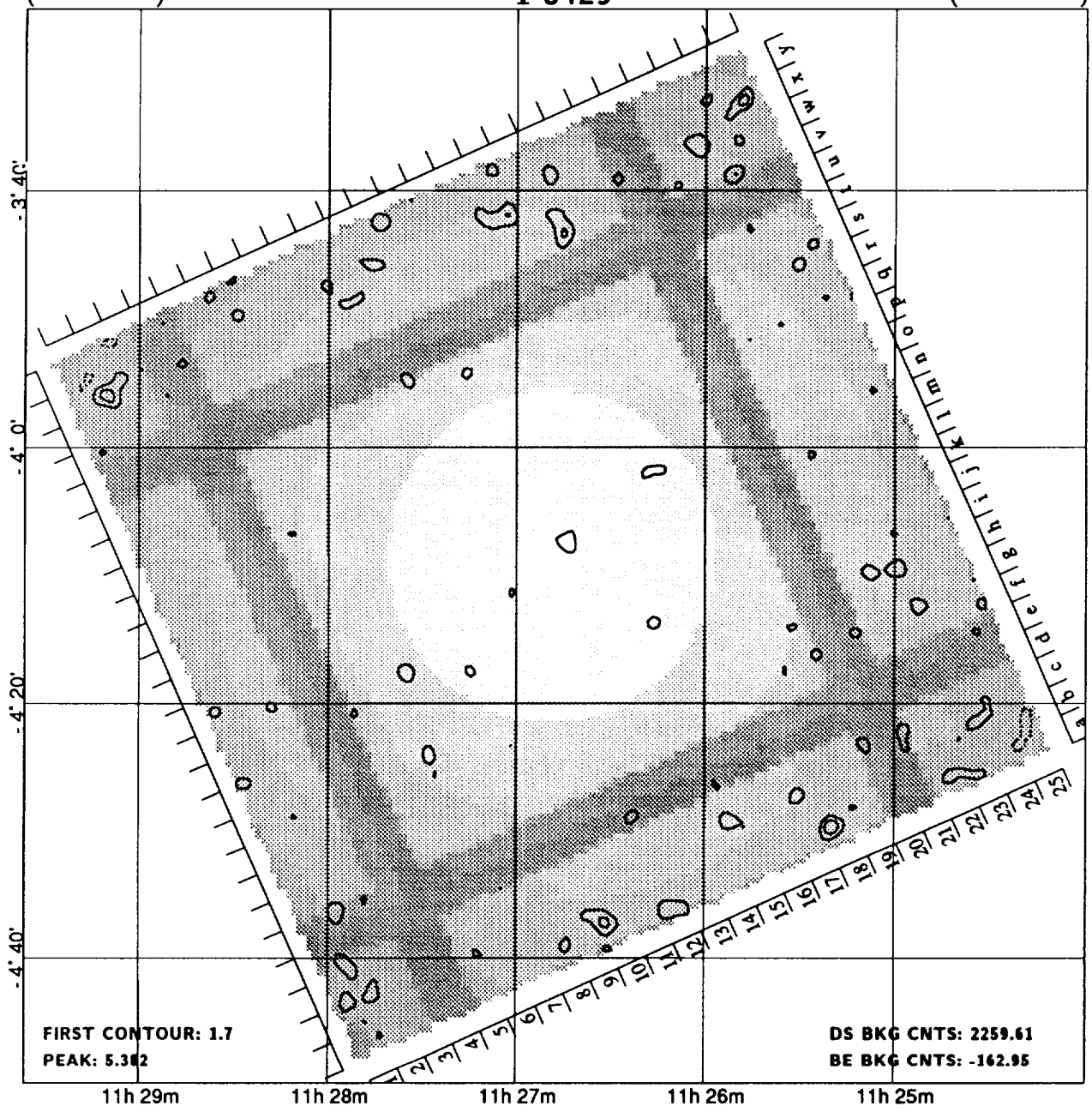
FIELD CENTER: $11^h26^m24.0^s$ 24°06'59" (B1950)
$11^h29^m01.9^s$ 23°50'27" (J2000)
ℓ: 218.38 b: 71.14

DATE: 1979/142 - 1979/142
LIVETIME: 3492.1s
ROLL ANGLE: 61.5°

NH: 1.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2467	1	11 25 45.1	24 09 41	47	0.0082	0.0023	19.3	9.7	3.6	0.7	0	9.0		
2470	2	11 27 14.6	24 05 37	42	0.0149	0.0029	33.6	8.4	5.2	3.6	0	12.2		

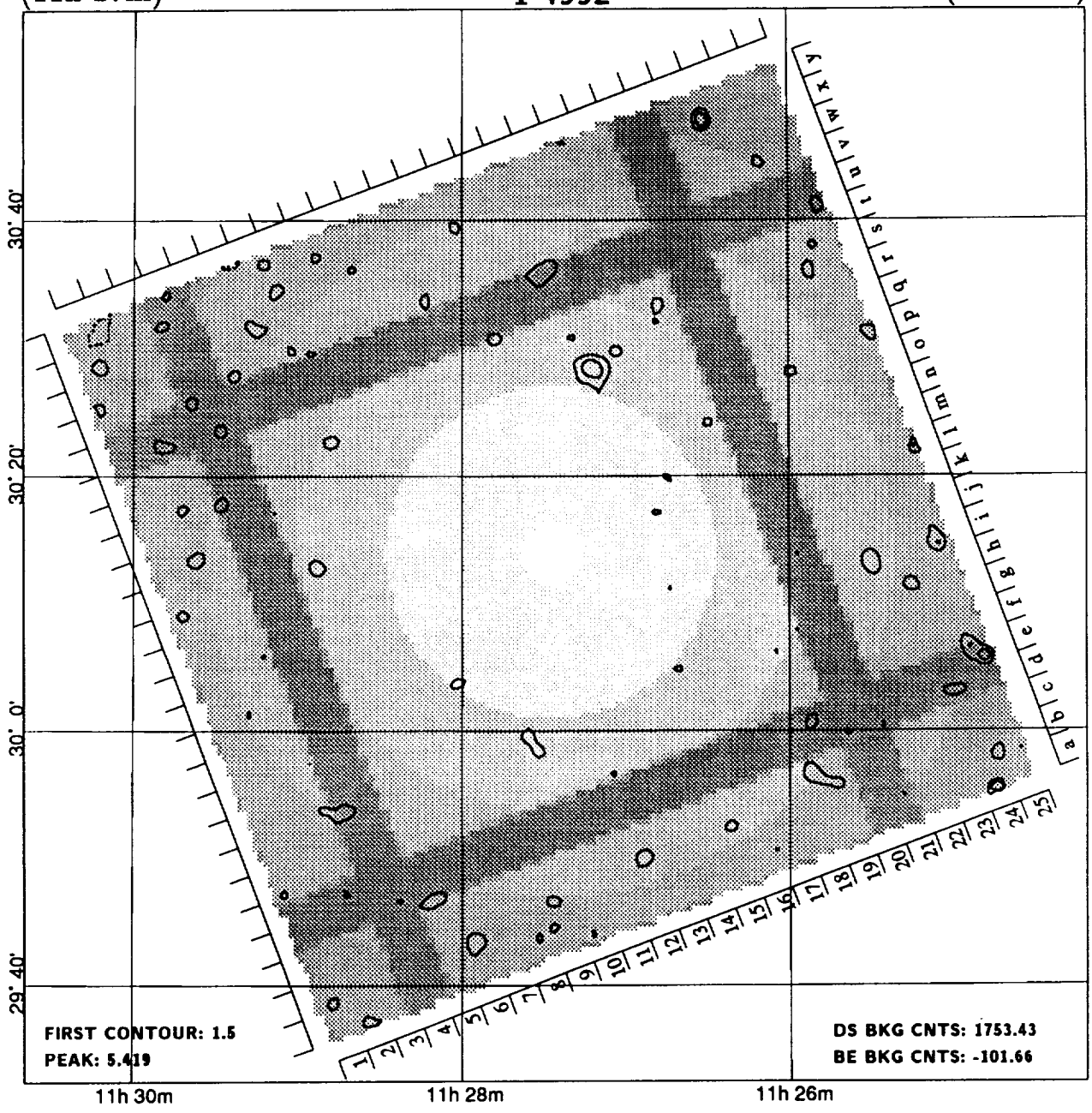
(11h 26m) **I 8429** (11h 26m)



SURVEY OF BRIGHT (PG) QUASARS

FIELD CENTER:	$11^h26^m47.9^s$ -04°07'49" (B1950)	**DATE:** 1980/355 - 1980/355	**NH:** 4.4E+20
	$11^h29^m20.9^s$ -04°24'22" (J2000)	**LIVETIME:** 1831.0s	**REF/ID:** !
	ℓ: 267.66 b: 52.75	**ROLL ANGLE:** -114.1°	**FIELD FLAGS:**

(11h 27m) **I 4992** (11h 27m)



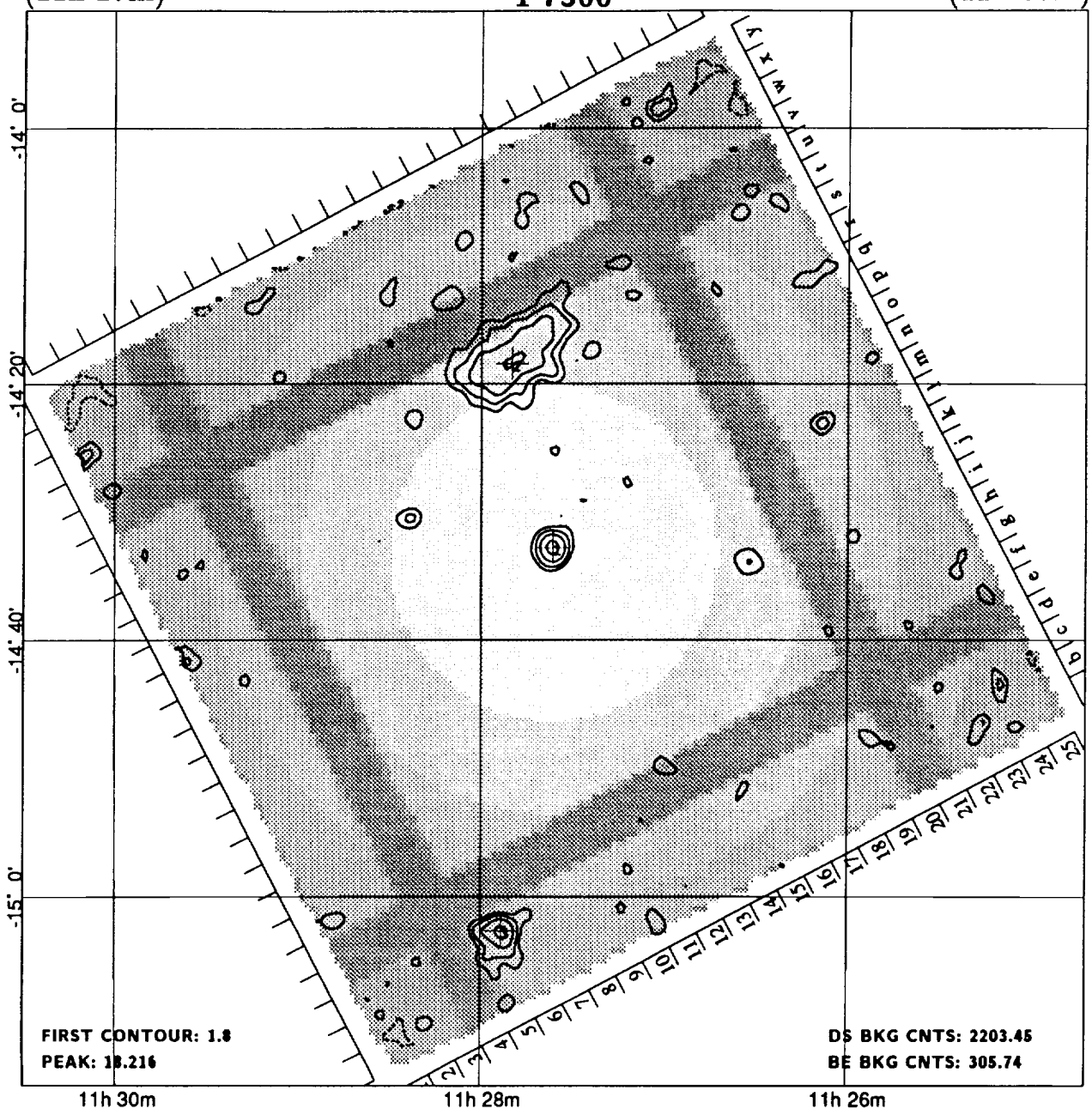
STAR BD+30 2163

FIELD CENTER: $11^h27^m25.6^s$ $30°14'34''$ (B1950)
$11^h30^m04.6^s$ $29°58'02''$ (J2000)
ℓ: 199.10 b: 71.93

DATE: 1979/348 - 1979/348
LIVETIME: 1420.9s
ROLL ANGLE: -110.5°

NH: 1.7E+20
REF/ID:
FIELD FLAGS:

(11h 27m) **I 7300** (11h 27m)



OM-146, LOW FREQ. VAR. EXTRAGAL. RADIO SOURCE

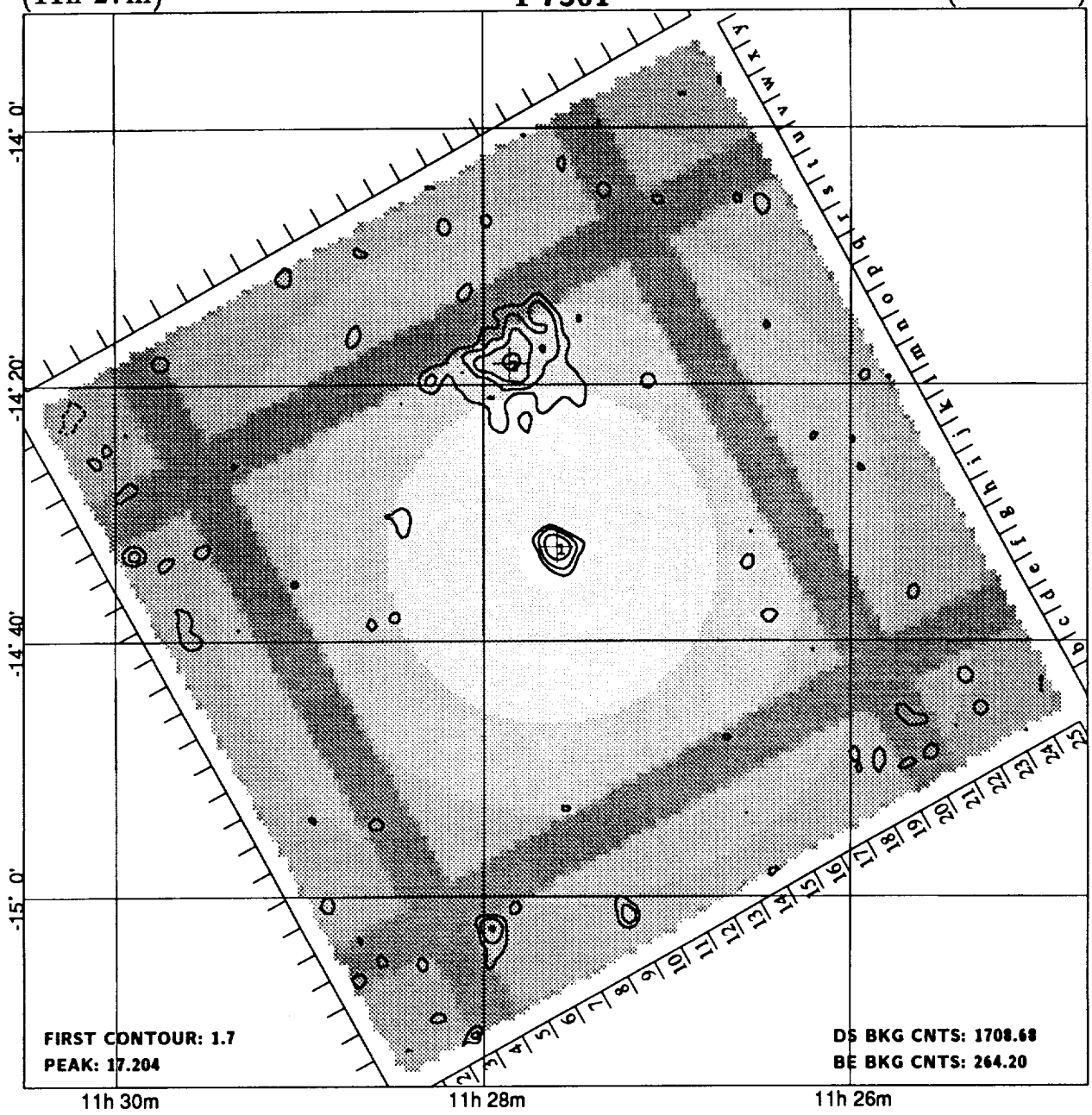
FIELD CENTER: $11^h27^m36.3^s$ -14°32′52″ (B1950) | $11^h30^m07.6^s$ -14°49′25″ (J2000) | ℓ: 275.28 b: 43.64

DATE: 1980/ 1 - 1980/ 1 | **LIVETIME:** 1785.5s | **ROLL ANGLE:** -117.7°

NH: 3.8E+20 | **REF/ID:** | **FIELD FLAGS:** C

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2471	1	11 27 36.4	-14 32 46	34	0.0479	0.0063	63.8	6.2	7.6	0.9	0	0.2	AH	Q
2474	2	11 27 50.0	-14 18 27	50	0.0590	0.0078	61.9	5.1	7.6	4.0	0	15.0	AH	
2473	3	11 27 53.1	-15 02 41	51	0.0431	0.0088	27.3	3.7	4.9	1.2	400	30.0	H	

(11h 27m) **I 7301** (11h 27m)



OM-146, LOW FREQ. VAR. EXTRAGAL. RADIO SOURCE

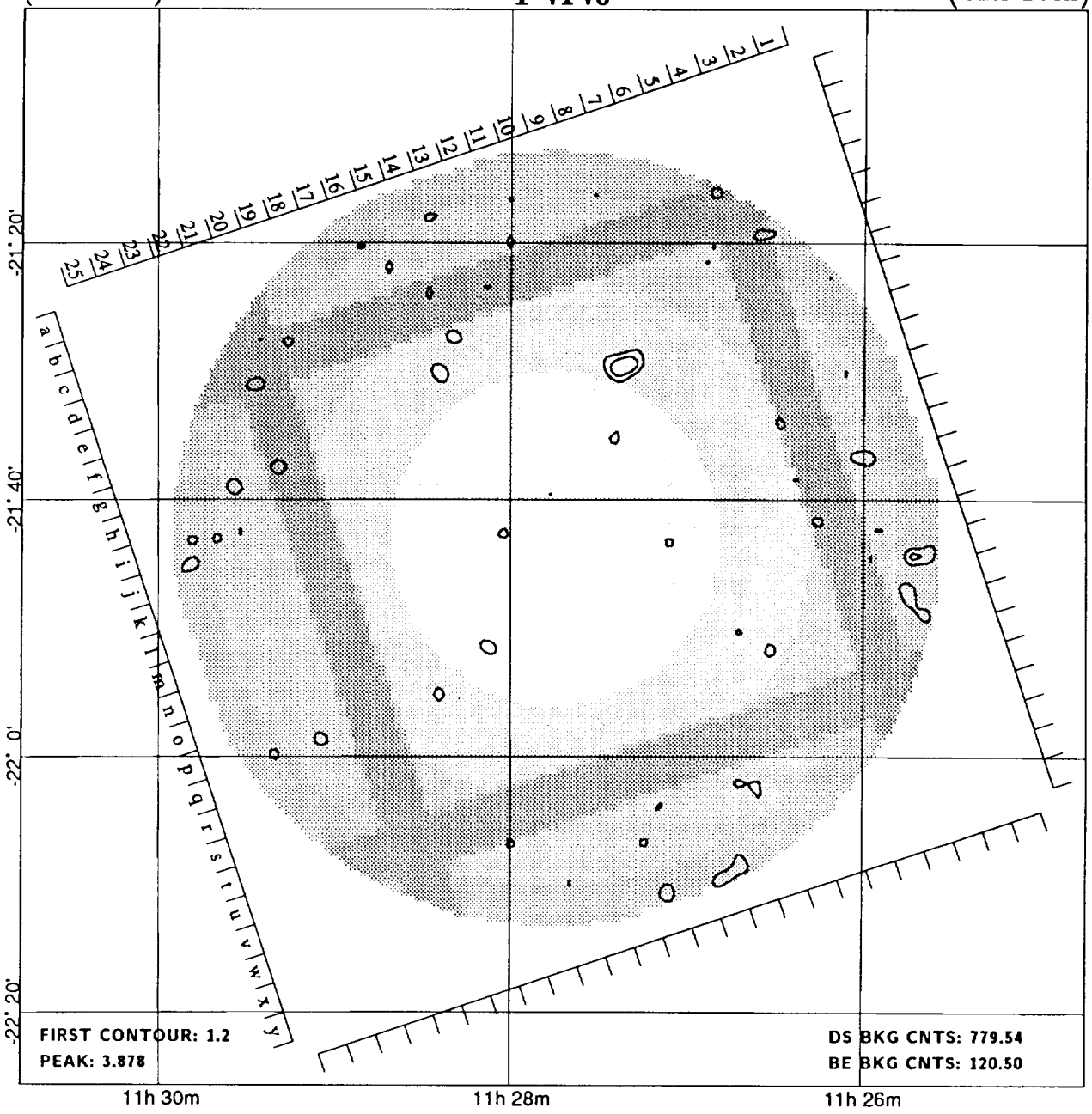
FIELD CENTER: $11^h27^m36.3^s$ $-14°32'52''$ (B1950)
$11^h30^m07.6^s$ $-14°49'25''$ (J2000)
ℓ: 275.28 b: 43.64

DATE: 1981/ 4 - 1981/ 4
LIVETIME: 1384.6s
ROLL ANGLE: -119.0°

NH: 3.8E+20
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2471	1	11 27 35.9	-14 32 36	35	0.0466	0.0071	47.9	5.1	6.6	1.0	0	0.4	AH	Q
2474	2	11 27 51.5	-14 18 19	50	0.0735	0.0099	59.1	3.9	7.4	3.3	200	15.3	AH	

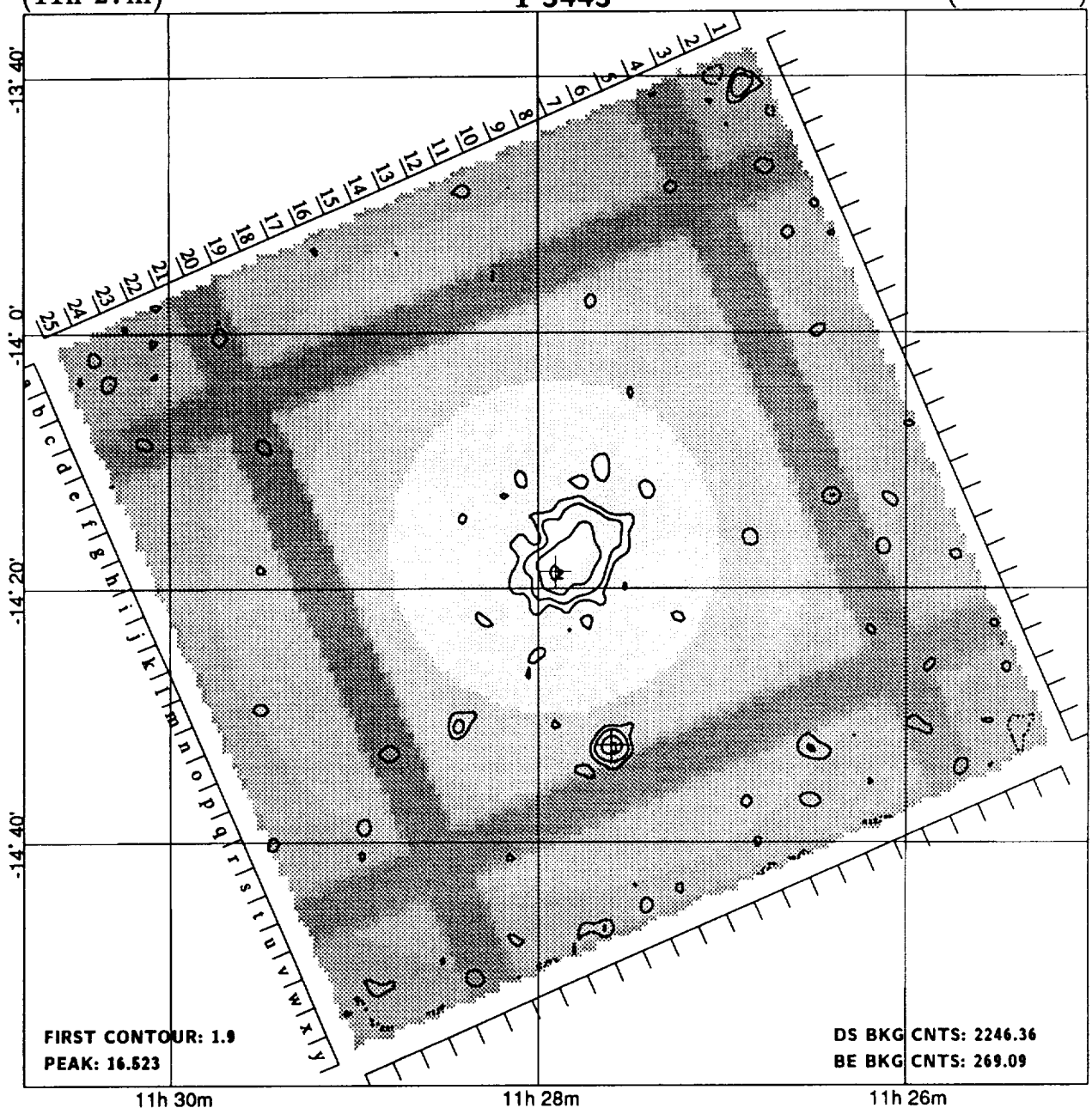
(11h 27m) **I 4140** (11h 27m)



H1125-21 POSITION

FIELD CENTER:	$11^h27^m45.6^s$ -21°43′47″ (B1950)	DATE: 1980/156 - 1980/156	NH: 4.0E+20
	$11^h30^m15.7^s$ -22°00′20″ (J2000)	LIVETIME: 631.7s	REF/ID:
	ℓ: 279.16 b: 37.09	ROLL ANGLE: 71.5°	FIELD FLAGS:

(11h 27m) **I 3443** (11h 27m)



A 1285,MAGNETIC FIELDS IN CLUSTERS OF GALAXIES

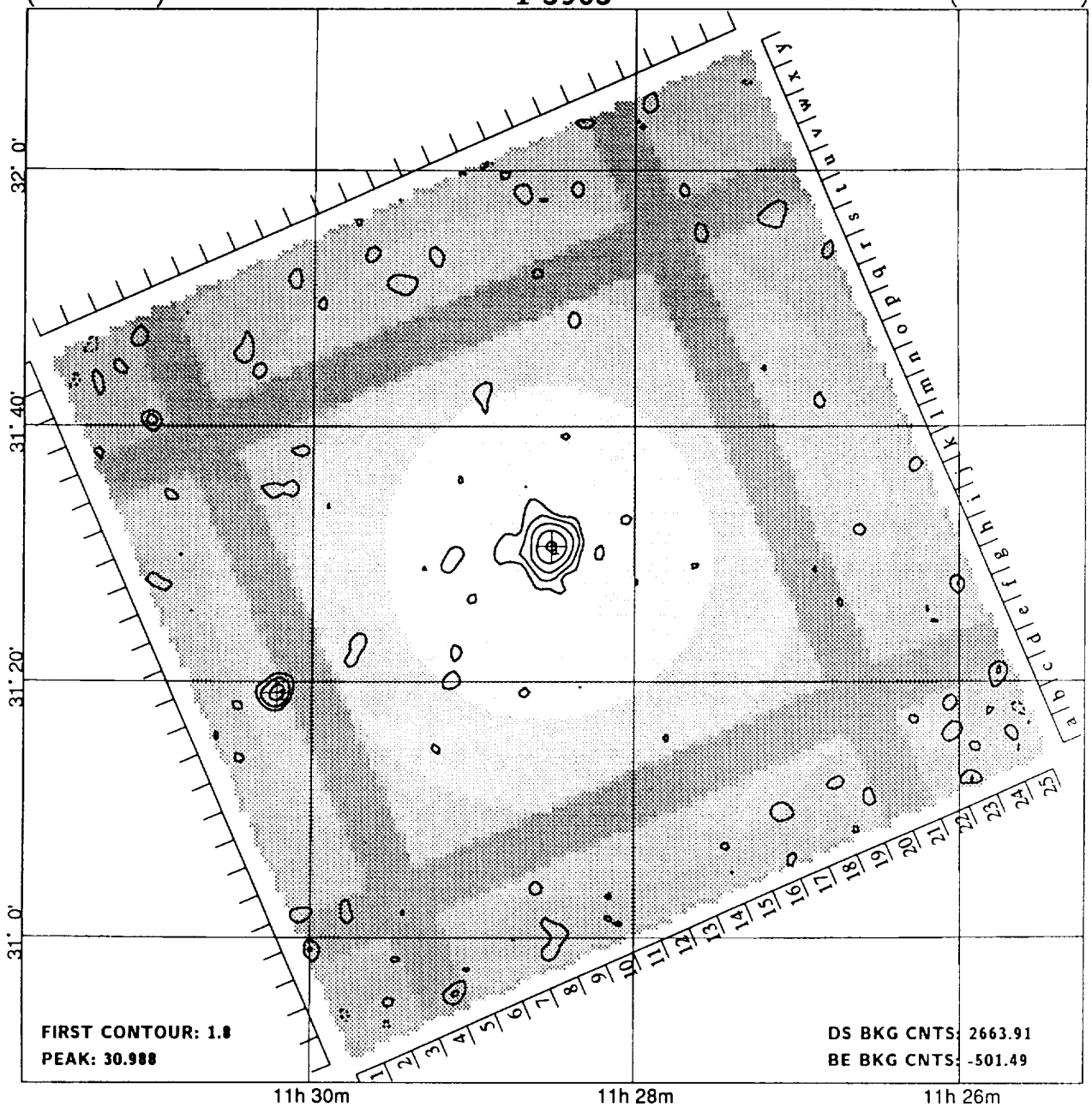
FIELD CENTER: $11^h27^m54.0^s$ $-14°16'59''$ (B1950)
$11^h30^m25.4^s$ $-14°33'33''$ (J2000)
ℓ: 275.22 b: 43.91

DATE: 1979/168 - 1979/168
LIVETIME: 1820.3s
ROLL ANGLE: 66.5°

NH: 3.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2471	1	11 27 36.1	-14 32 22	50	0.0328	0.0060	34.1	4.9	5.5	0.9	500	16.0	AH	Q
2474	2	11 27 54.3	-14 18 41	33	0.0549	0.0067	73.7	6.3	8.2	3.8	0	1.5	AH	

(11h 28m) **I 3965** (11h 28m)



1128+315, BRIGHT NEARBY QUASAR

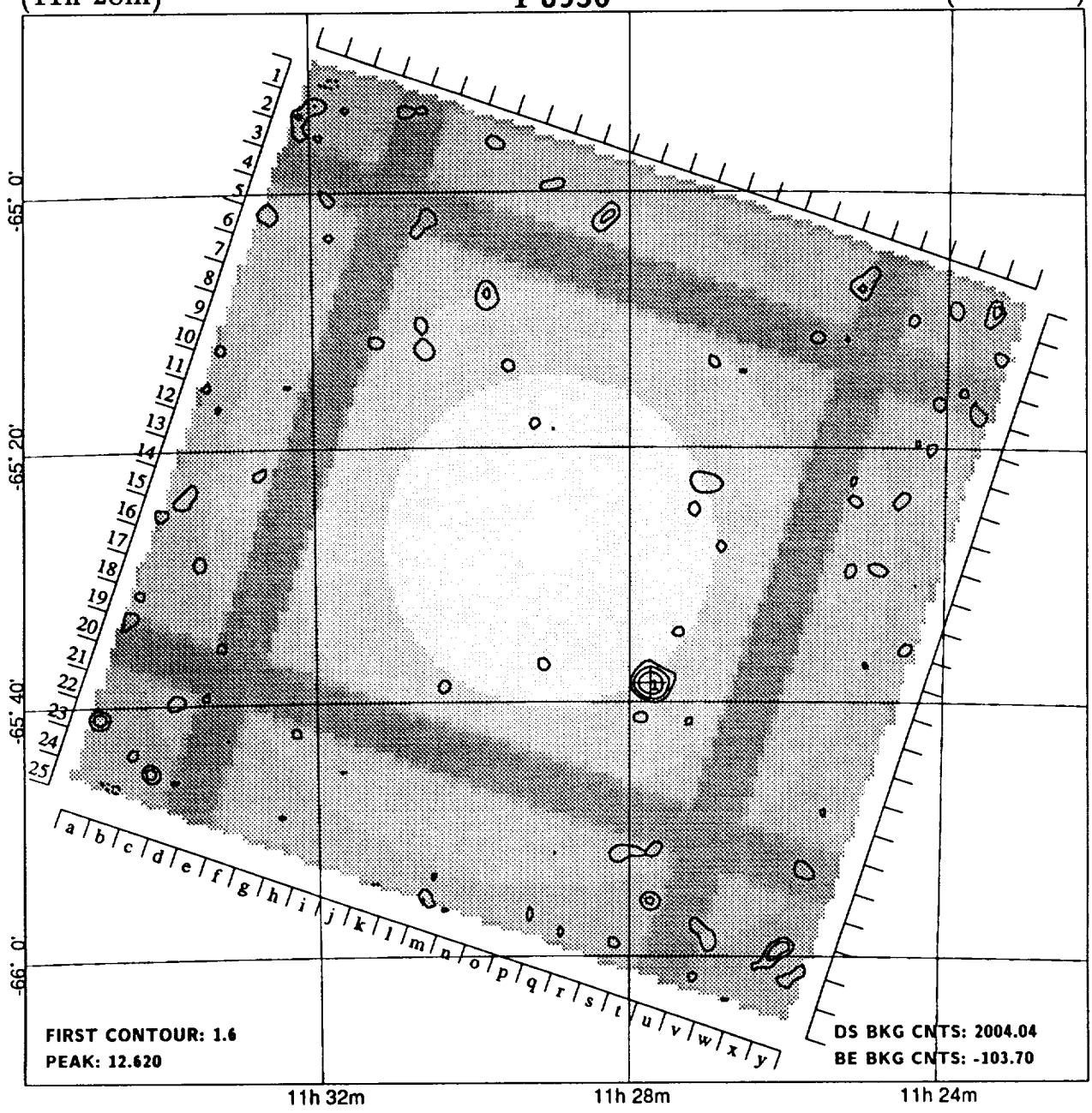
FIELD CENTER: $11^h28^m30.3^s$ $31°30'39''$ (B1950)
$11^h31^m09.4^s$ $31°14'06''$ (J2000)
ℓ: 194.94 b: 72.03

DATE: 1979/341 - 1979/341
LIVETIME: 2158.6s
ROLL ANGLE: -113.6°

NH: 2.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2475	1	11 28 31.0	31 30 39	31	0.0833	0.0073	133.9	5.1	11.4	1.5	0	0.4	H	
2479	2	11 30 13.0	31 19 07	52	*0.0214	0.0051	20.5	3.5	4.2	0.8	702	24.7	H	

(11h 28m) **I 8936** (11h 28m)



SAO 251436: POSSIBLE PROGENITOR OF WOLF-RAYET SYSTEMS

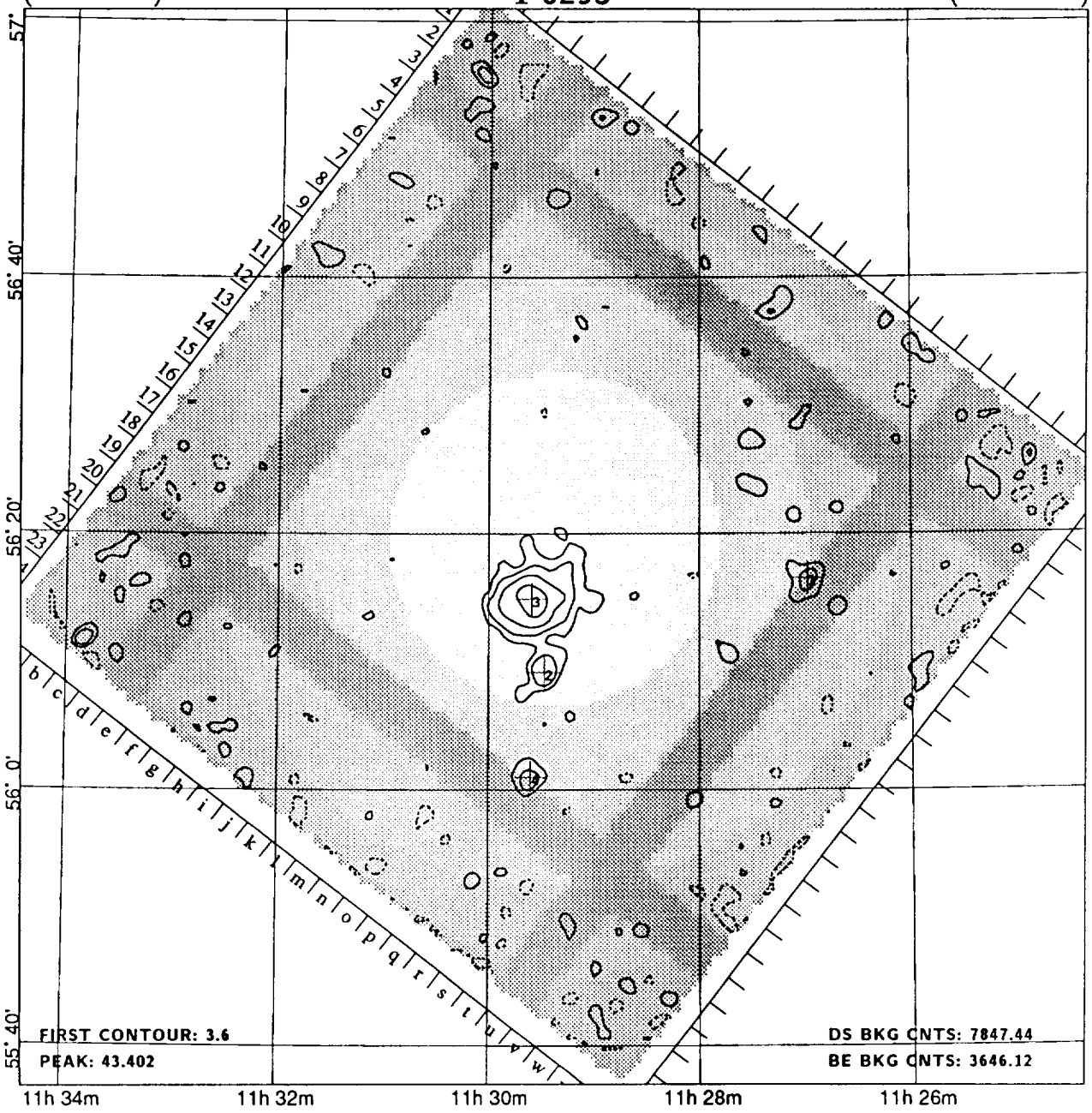
FIELD CENTER: $11^h28^m56.1^s$ -65°27′58″ (B1950)
$11^h31^m10.6^s$ -65°44′32″ (J2000)
ℓ: 294.81 b: -4.14

DATE: 1980/237 - 1980/237
LIVETIME: 1623.9s
ROLL ANGLE: 18.7°

NH: 1.4E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2472	1	11 27 44.0	-65 38 29	41	0.0383	0.0065	38.1	3.9	5.9	0.9	0	12.8	H	

(11h 29m) **I 6293** (11h 29m)



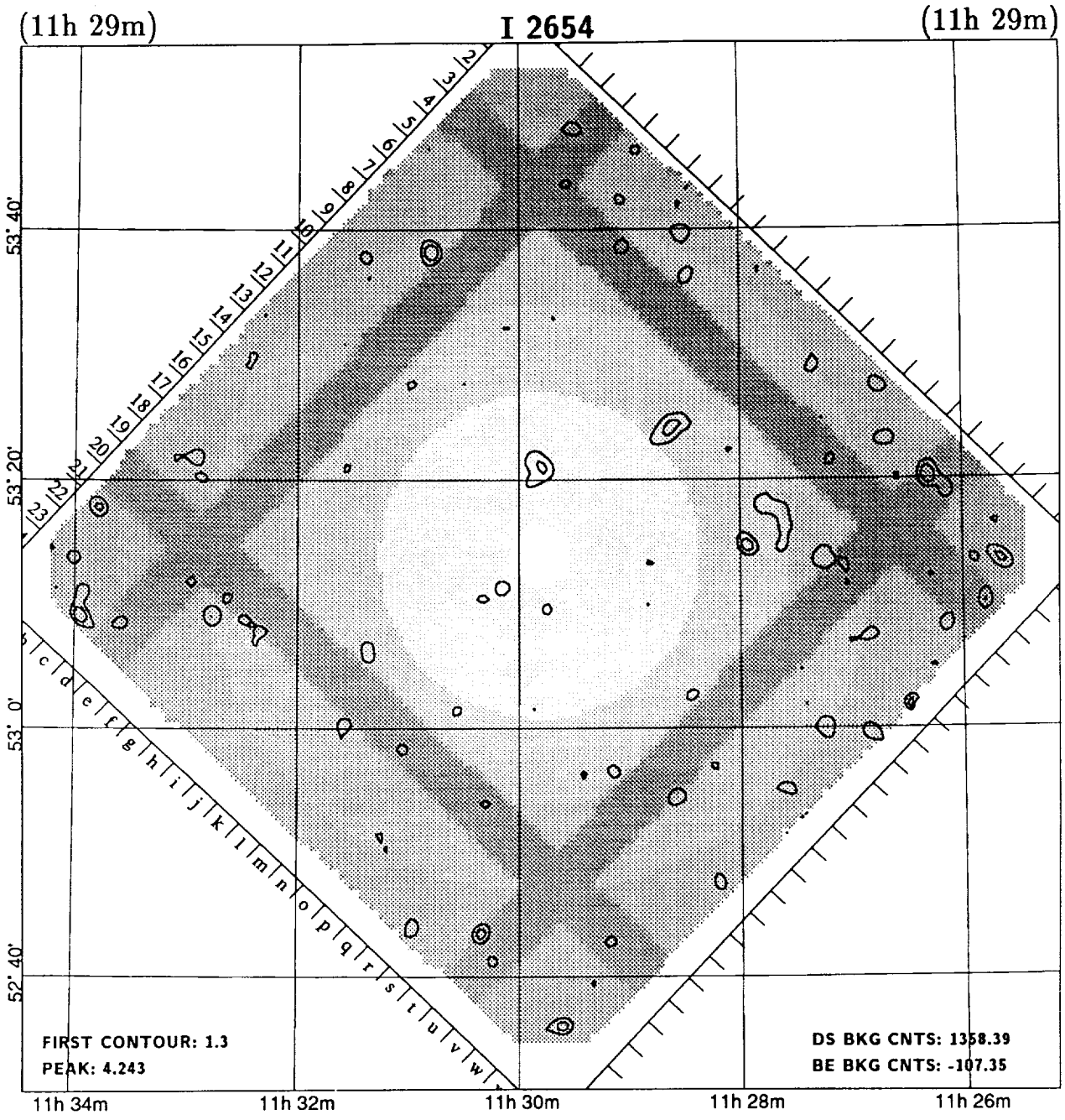
A 1291,COMPLETE SURVEY OF ABELL CLUSTERS

FIELD CENTER: $11^h29^m24.0^s$ $56°18'59''$ (B1950)
$11^h32^m10.4^s$ $56°02'26''$ (J2000)
ℓ: 143.73 b: 57.77

DATE: 1980/112 - 1980/112
LIVETIME: 6587.5s
ROLL ANGLE: 37.6°

NH: 9.6E+19
REF/ID:
FIELD FLAGS:

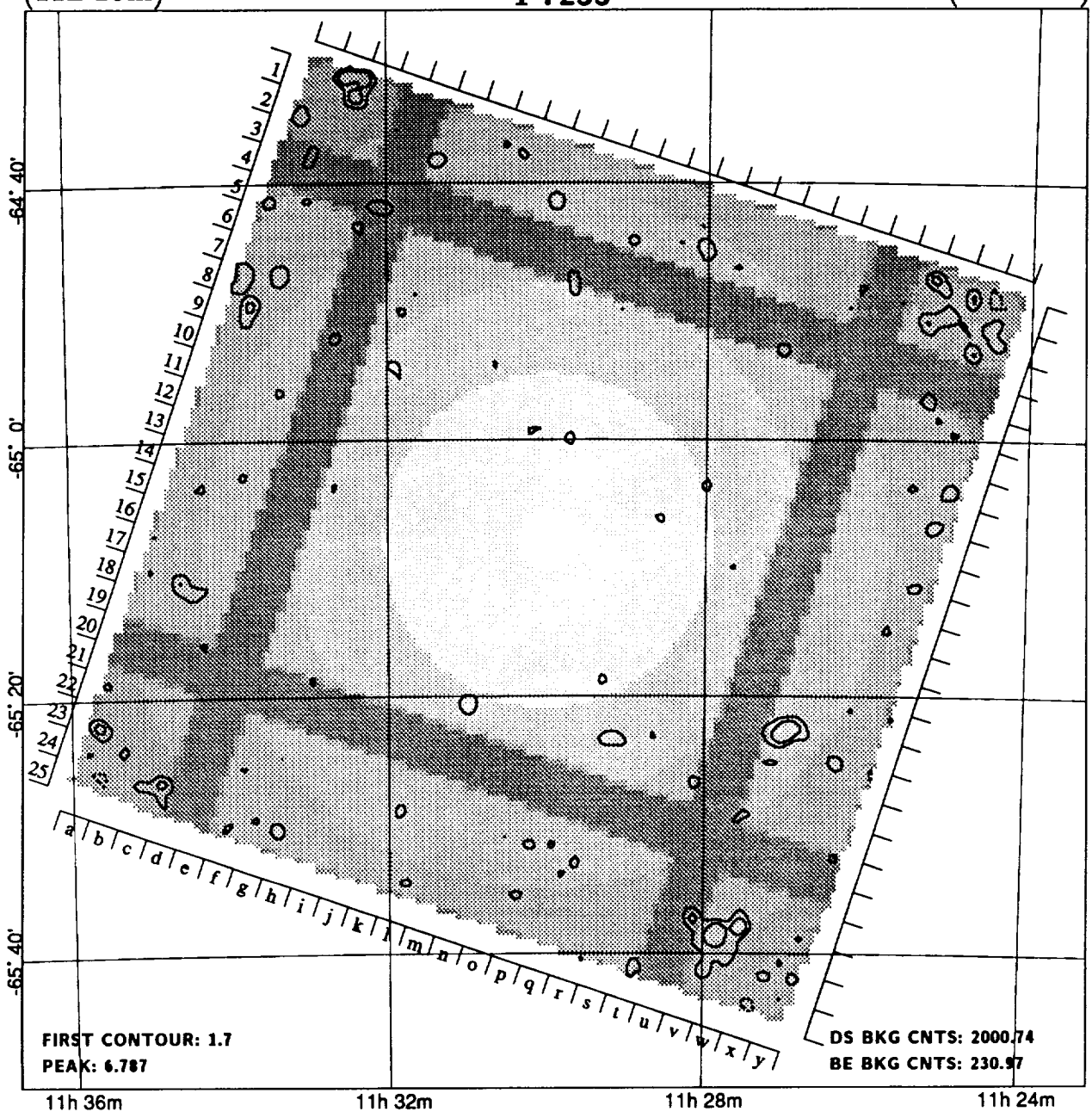
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2469	1	11 26 58.5	56 16 27	56	*0.0083	0.0020	27.9	16.1	4.2	0.9	906	20.3	H	
2476	2	11 29 28.2	56 09 10	41	0.0109	0.0020	47.4	25.6	5.5	10.6	0	9.8	H	
2477	3	11 29 35.4	56 14 51	31	0.0429	0.0032	201.6	28.4	13.3	2.7	0	4.5	H	CLG
2478	4	11 29 36.0	56 01 01	54	*0.0079	0.0020	27.7	20.3	4.0	0.9	906	18.4	H	



SEYFERT GALAXY SURVEY: MKN 176

FIELD CENTER:	$11^h29^m48.0^s$ $53°12'59''$ (B1950)	**DATE:** 1979/119 - 1979/119	**NH:** 1.1E+20
	$11^h32^m32.9^s$ $52°56'25''$ (J2000)	**LIVETIME:** 1100.7s	**REF/ID:**
	ℓ: 147.18 b: 60.32	**ROLL ANGLE:** 43.5°	**FIELD FLAGS:**

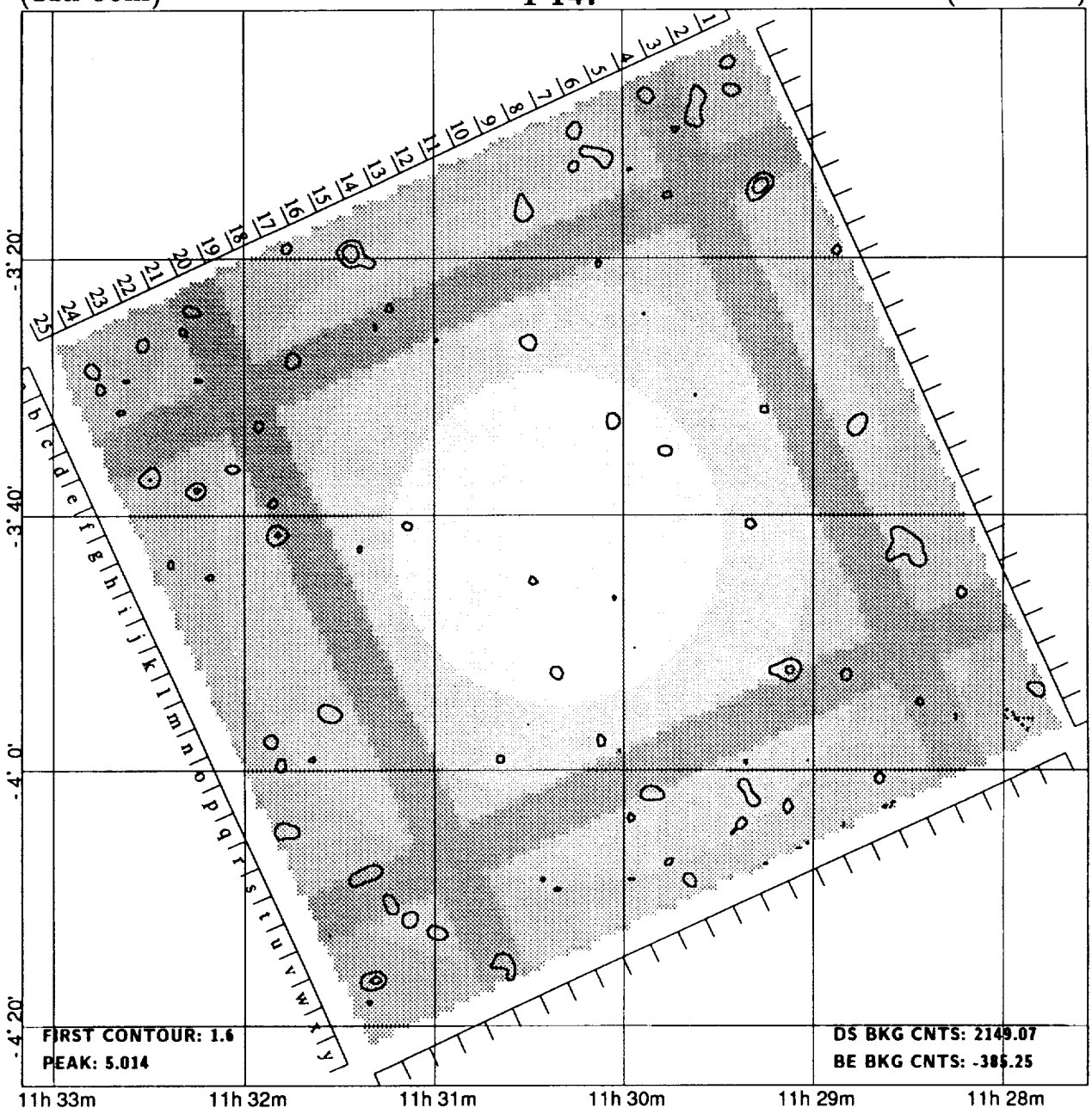
(11h 29m) **I 7255** (11h 29m)



SS 32, STRONG EMISSION LINE STAR

FIELD CENTER:	$11^h29^m55.0^s$ -65°08′35″ (B1950)	DATE: 1980/238 - 1980/238	NH: 1.4E+21
	$11^h32^m10.4^s$ -65°25′09″ (J2000)	LIVETIME: 1621.3s	REF/ID:
	ℓ: 294.81 b: -3.81	ROLL ANGLE: 18.4°	FIELD FLAGS:

(11h 30m) **I 147** (11h 30m)

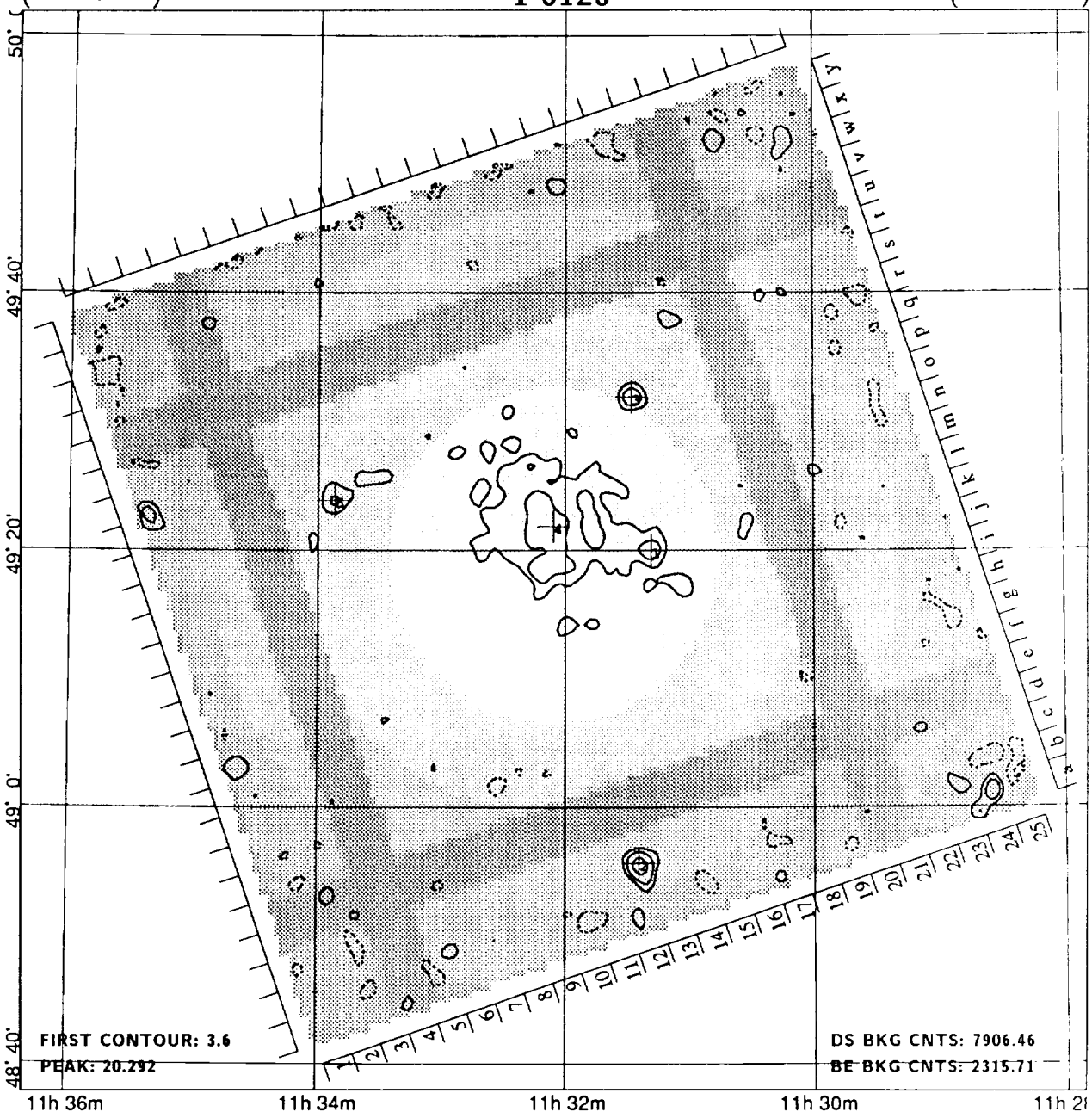


A1308 CLUSTER SURFACE BRIGHTNESS

FIELD CENTER: $11^h30^m21.6^s$ -03°42′35″ (B1950)
$11^h32^m54.8^s$ -03°59′10″ (J2000)
ℓ: 268.58 b: 53.56

DATE: 1979/178 - 1979/178
LIVETIME: 1741.4s
ROLL ANGLE: 65.4°

NH: 4.0E+20
REF/ID:
FIELD FLAGS:

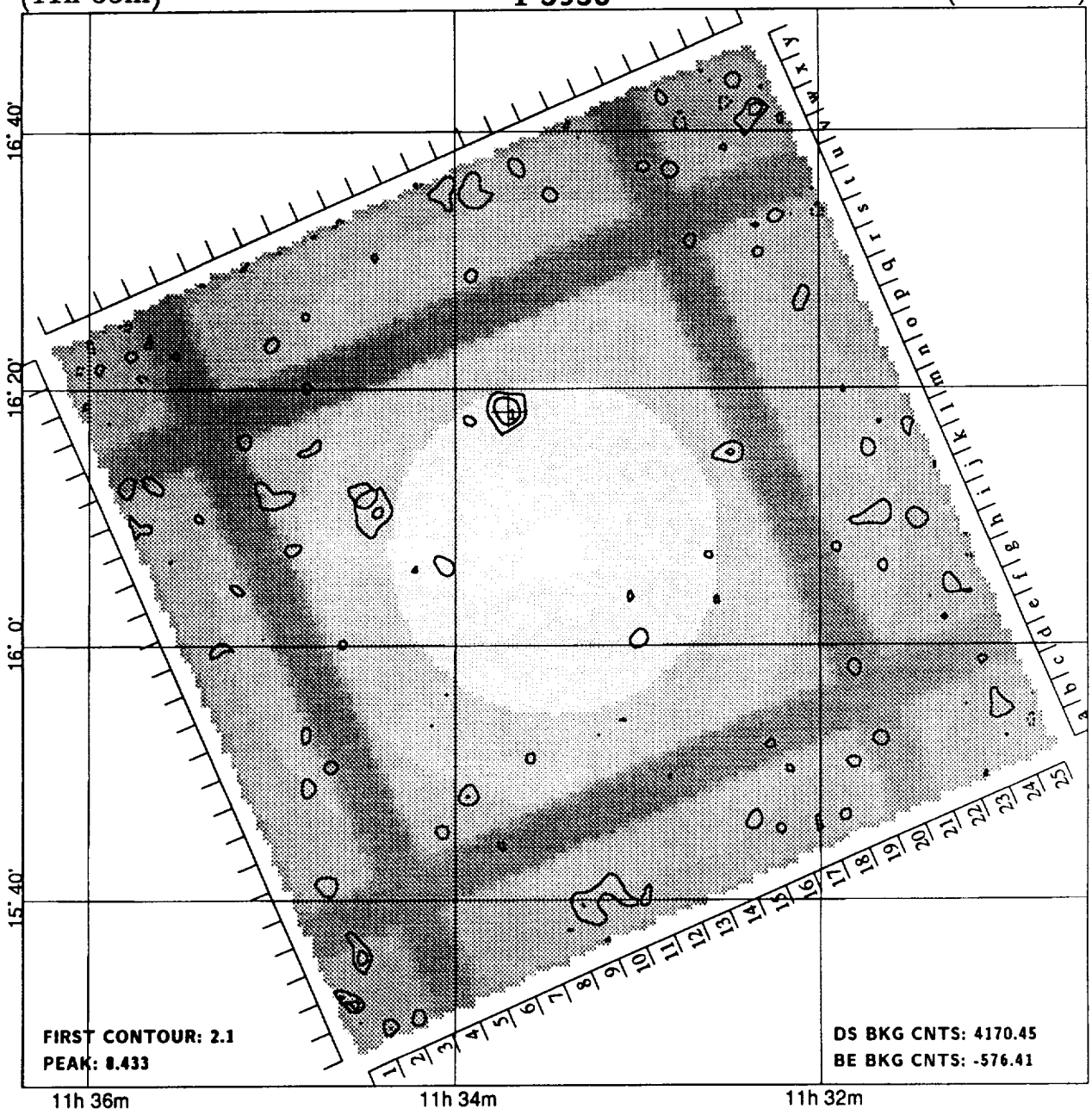


A 1314,DETAILED STUDY OF NEARBY CLUSTERS

FIELD CENTER: $11^h32^m06.0^s$ 49°19'59" (B1950) | **DATE:** 1979/345 - 1979/346 | **NH:** 1.7E+20
$11^h34^m48.7^s$ 49°03'24" (J2000) | **LIVETIME:** 6406.9s | **REF/ID:**
ℓ: 151.80 b: 63.55 | **ROLL ANGLE:** -108.8° | **FIELD FLAGS:** D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2480	1	11 31 18.3	49 19 57	42	0.0089	0.0018	39.5	25.5	4.9	12.1	0	7.6	H	
2481	2	11 31 24.4	48 55 37	51	0.0148	0.0027	41.1	15.9	5.4	0.8	0	25.3	H	
2482	3	11 31 27.8	49 31 57	42	0.0081	0.0019	31.7	23.3	4.3	0.6	0	13.4		
2483	4	11 32 05.8	49 21 51	35	0.0133	0.0020	62.8	27.2	6.6	7.5	0	2.0		CLG
2489	5	11 33 51.9	49 23 54	55	0.0080	0.0020	27.8	20.2	4.0	0.7	0	17.7		

(11h 33m) **I 5938** (11h 33m)



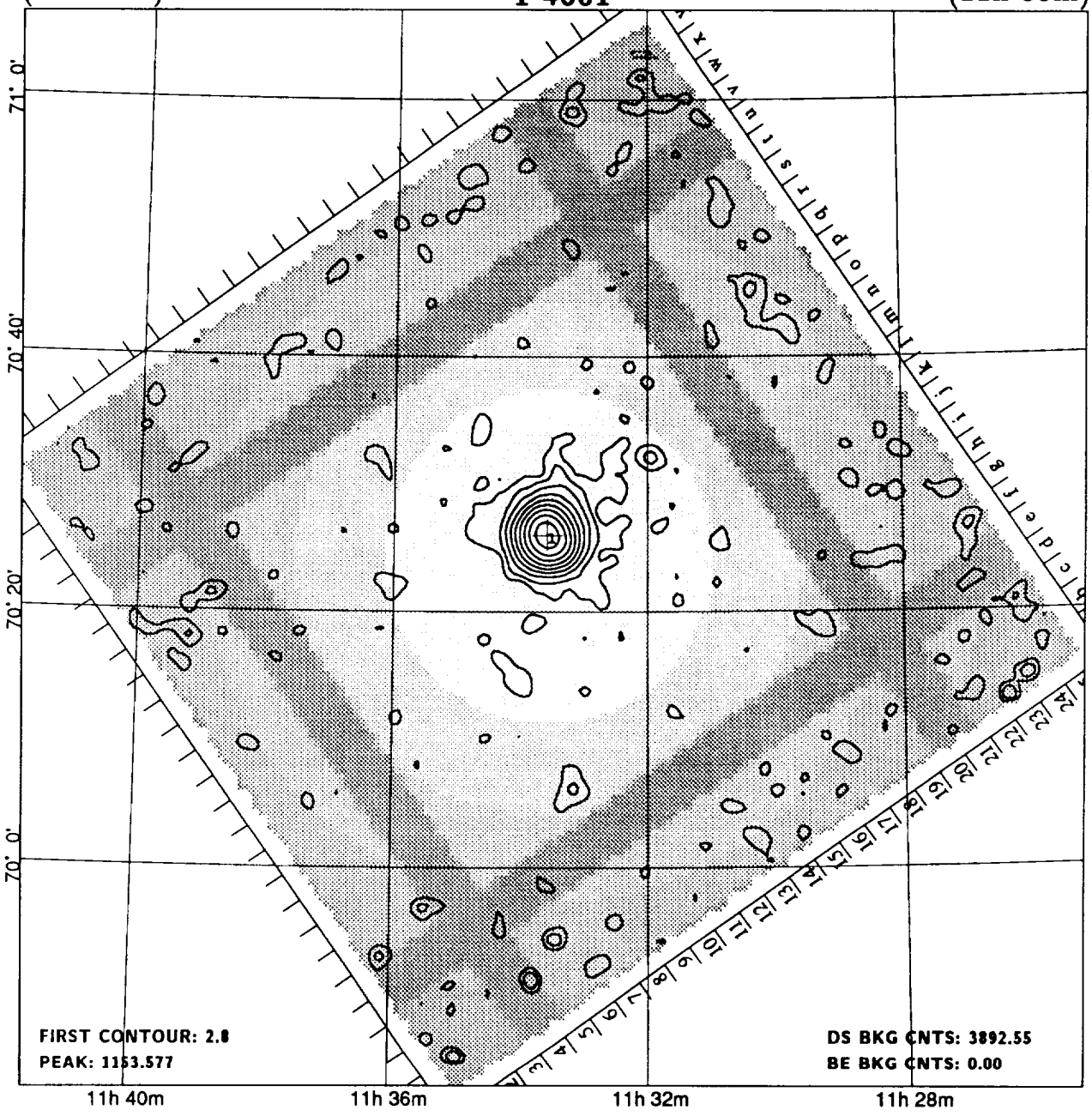
RADIO PULSAR PROJECT:

FIELD CENTER: $11^h33^m27.0^s$ $16°07'33''$ (B1950)
$11^h36^m02.8^s$ $15°50'57''$ (J2000)
ℓ: 241.90 b: 69.19

DATE: 1980/345 - 1980/346
LIVETIME: 3379.4s
ROLL ANGLE: -113.6°

NH: 2.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2488	1	11 33 42.5	16 18 12	42	0.0139	0.0028	30.6	8.4	4.9	0.9	0	11.5	H	

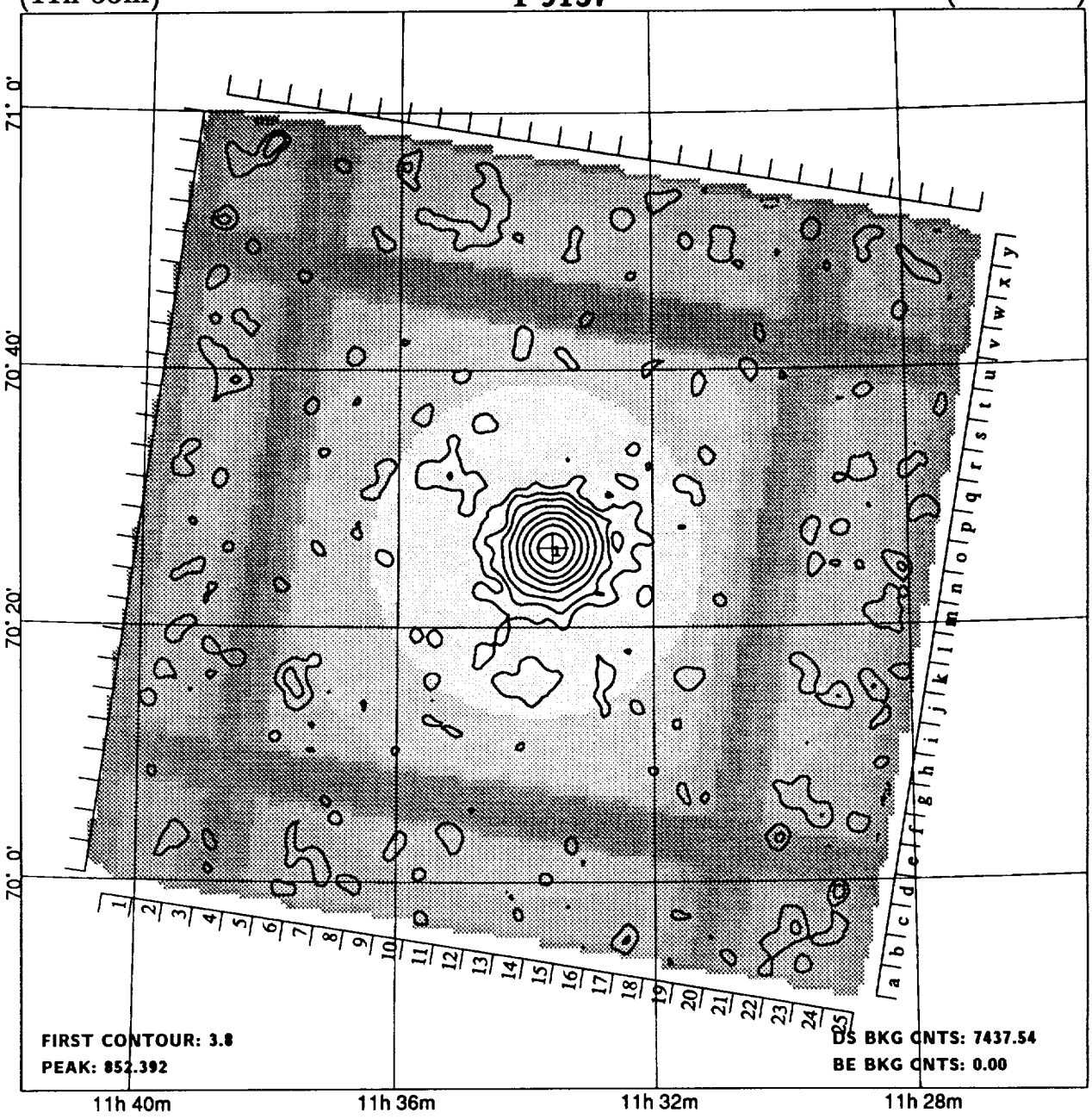


MKN 180: S-TYPE MARKARIAN GALAXY

FIELD CENTER: $11^h33^m30.0^s$ $70°24'59''$ (B1950) DATE: 1979/317 - 1979/317 NH: 1.4E+20
$11^h36^m24.0^s$ $70°08'23''$ (J2000) LIVETIME: 3154.2s REF/ID:
ℓ: 131.92 b: 45.66 ROLL ANGLE: -125.1° FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2487	1L	11 33 34.8	70 26 03	31	1.972	0.035	4594.6	529.4	56.6	1.3	0	1.1	A	*

(11h 33m) **I 9157** (11h 33m)



MARKARIAN 180

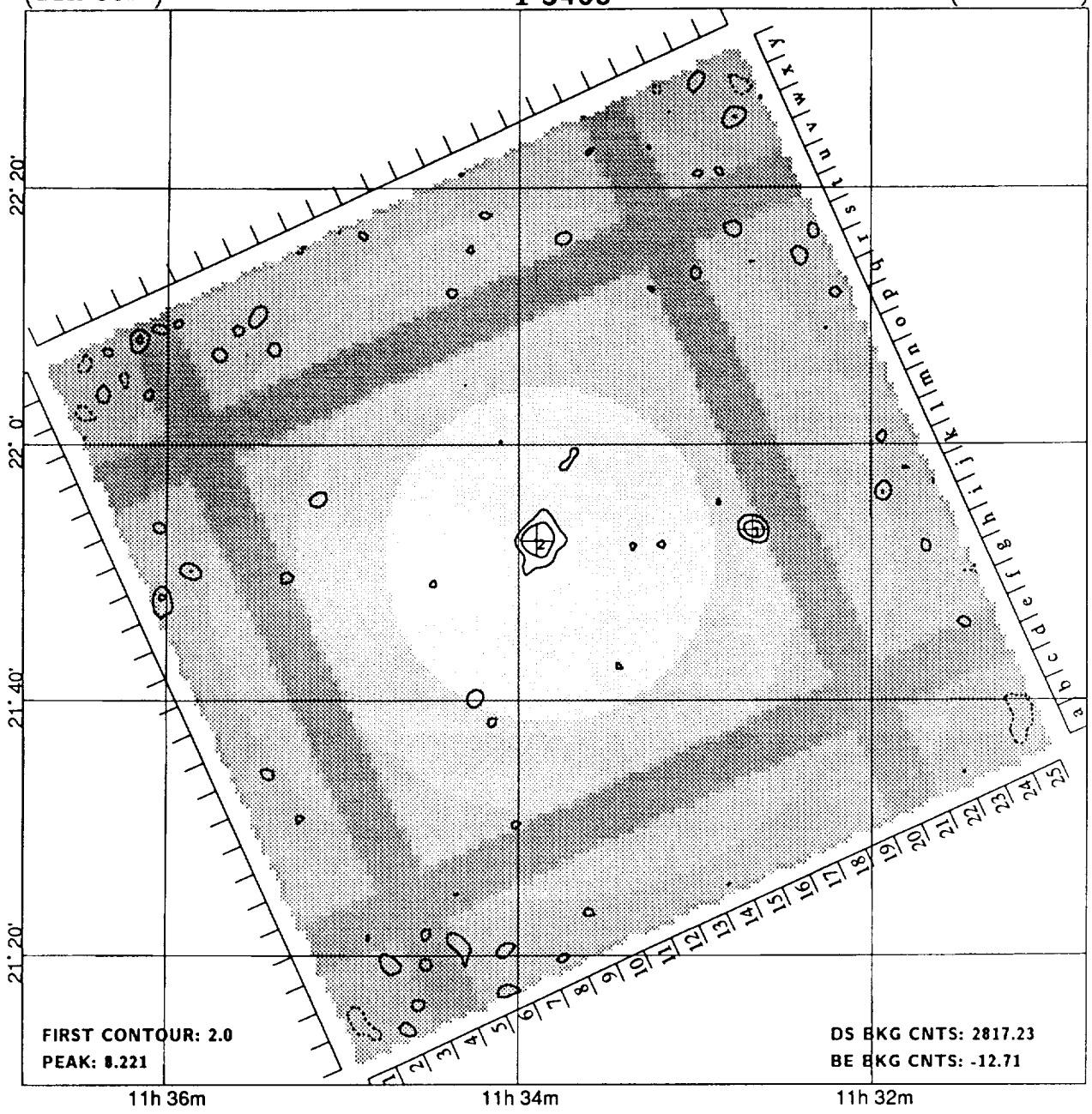
FIELD CENTER: $11^h33^m32.7^s$ $70°25'59''$ (B1950)
$11^h36^m26.7^s$ $70°09'23''$ (J2000)
ℓ: 131.91 b: 45.64

DATE: 1980/363 - 1980/363
LIVETIME: 6026.8s
ROLL ANGLE: -80.9°

NH: 1.4E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2487	1L	11 33 34.8	70 26 09	31	0.681	0.016	3056.6	872.4	41.8	1.7	0	0.3	A	*

(11h 33m) **I 3468** (11h 33m)



MKN 739,SEYFERT AND ACTIVE NUCLEI GALAXIES

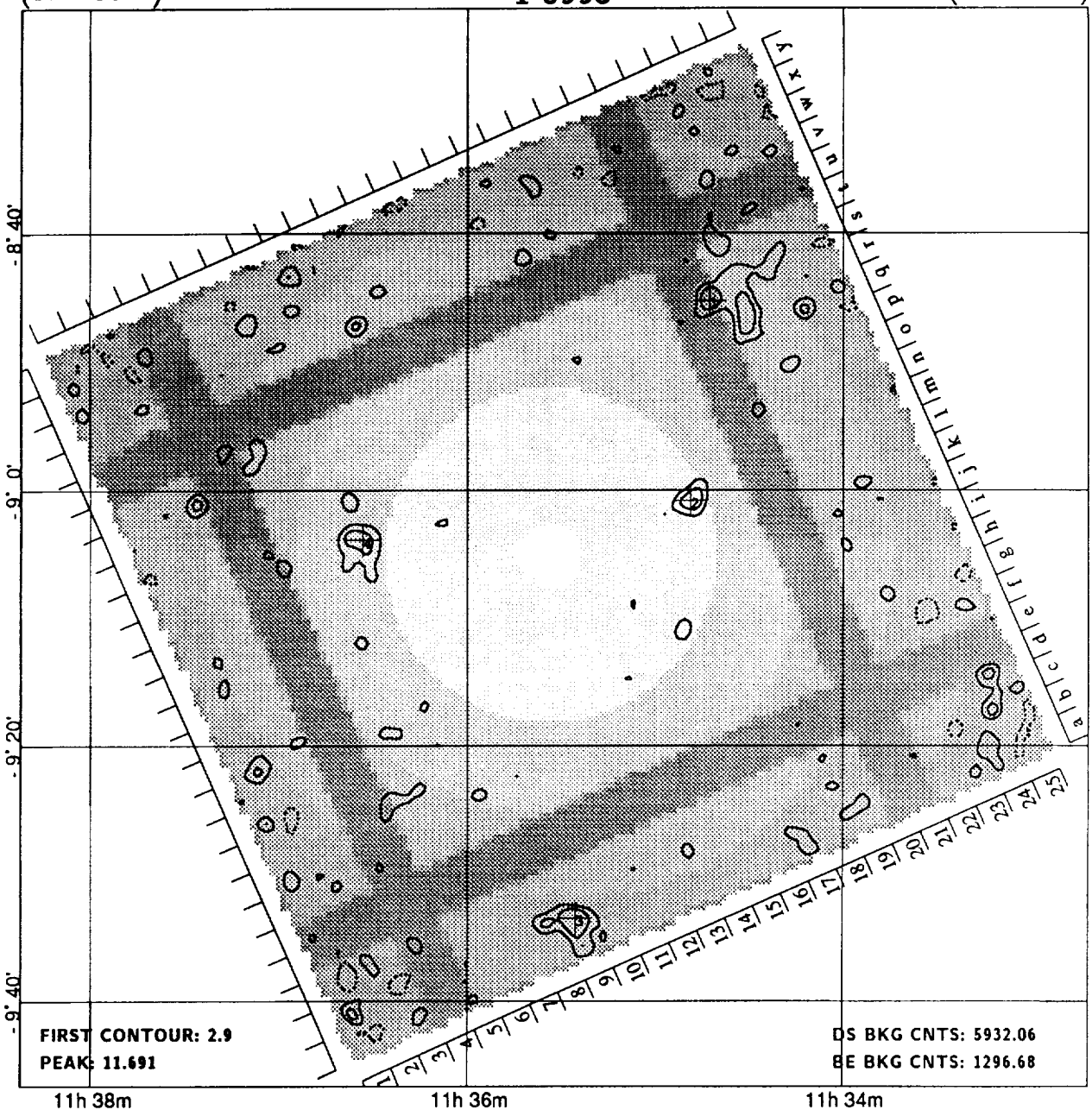
FIELD CENTER: $11^h33^m48.0^s$ $21°51'59''$ **(B1950)**
$11^h36^m24.6^s$ $21°35'23''$ **(J2000)**
ℓ: **226.83** b: **72.06**

DATE: 1979/341 - 1979/341
LIVETIME: 2282.9s
ROLL ANGLE: -114.5°

NH: 1.8E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2484	1	11 32 40.3	21 53 21	55	*0.0132	0.0036	17.2	4.8	3.7	0.7	601	15.4	H	
2490	2	11 33 53.9	21 52 28	36	0.0217	0.0039	36.7	6.3	5.6	1.2	0	1.9	H	SY

(11h 35m) **I 8995** (11h 35m)



DISTANCE 4 ABELL CLUSTERS: ABELL 1332

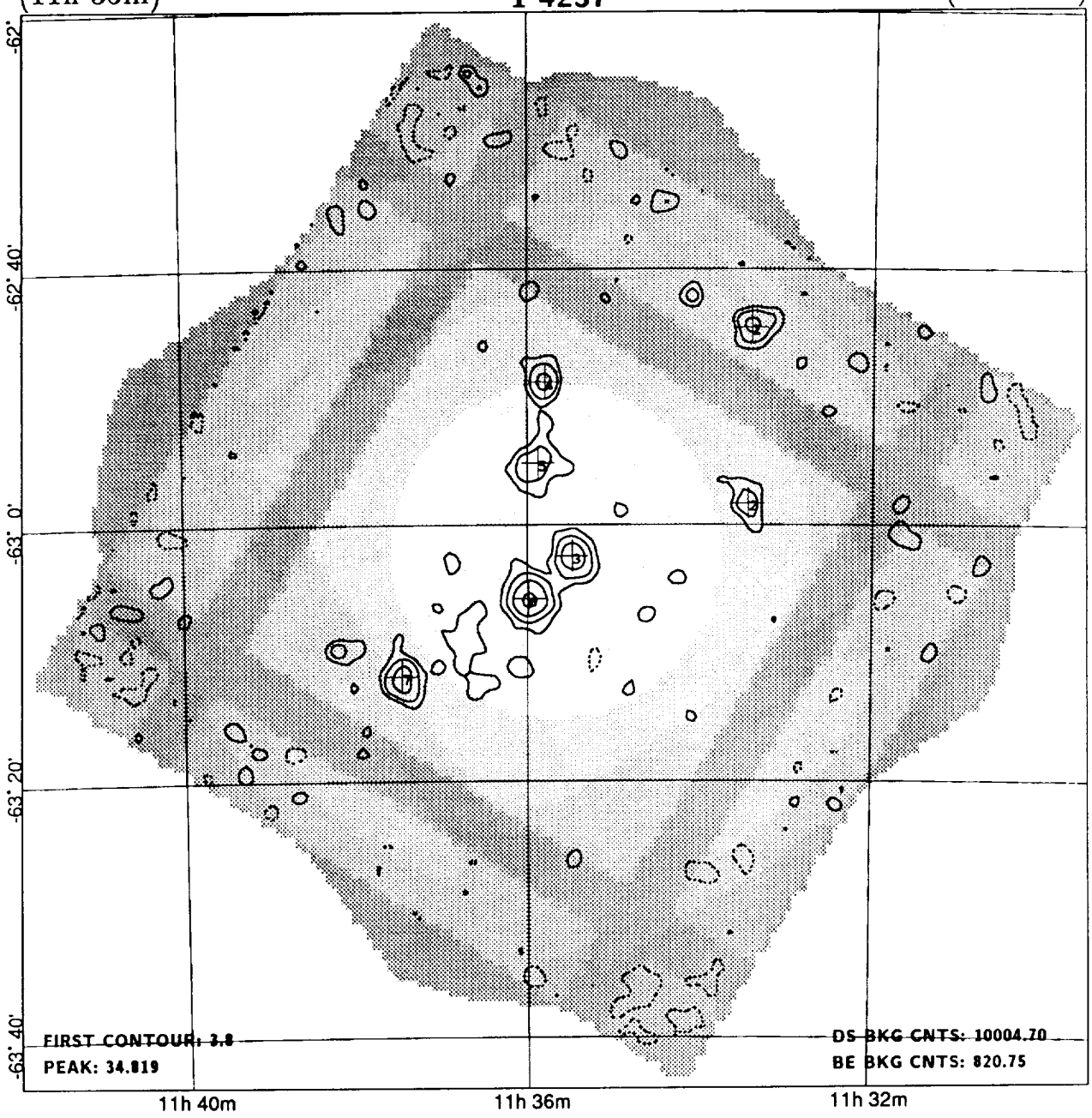
FIELD CENTER: $11^h35^m32.0^s$ -09°04′30″ (B1950) | $11^h38^m04.6^s$ -09°21′08″ (J2000) | ℓ: 274.43 b: 49.42

DATE: 1980/354 - 1980/354 | **LIVETIME:** 4807.0s | **ROLL ANGLE:** -113.9°

NH: 3.3E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2491	1	11 34 42.6	-08 45 17	55	*0.0105	0.0025	22.9	8.1	4.1	2.6	1109	22.6		
2492	2	11 34 48.7	-09 00 49	42	0.0106	0.0022	32.7	14.3	4.8	1.0	0	11.9	H	
2494	3	11 35 25.3	-09 33 28	55	0.0116	0.0031	21.0	10.0	3.8	1.4	0	29.0	H	
2500	4	11 36 33.5	-09 03 54	51	0.0101	0.0024	28.9	16.1	4.3	1.1	0	15.3	H	

(11h 35m) **I 4237** (11h 35m)



OB ASSOCIATIONS: CRU OB1

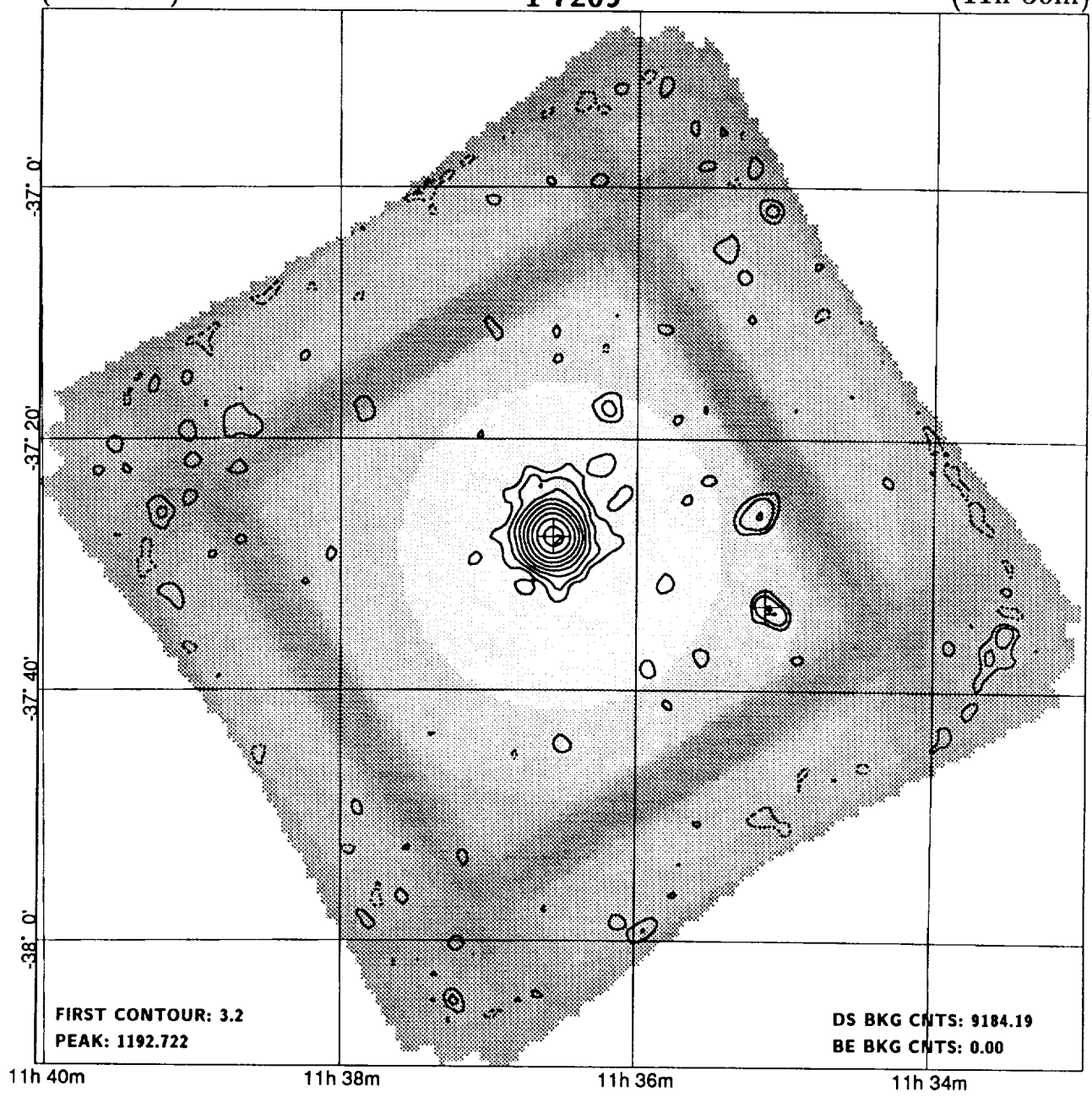
FIELD CENTER: $11^h35^m42.0^s$ $-63°01'59''$ (B1950)
$11^h38^m02.4^s$ $-63°18'36''$ (J2000)
ℓ: 294.80 b: -1.60

DATE: 1979/194 - 1980/ 39
LIVETIME: 8107.1s

NH: 1.4E+21
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2485	1	11 33 23.8	-62 44 36	51	0.0130	0.0022	48.3	17.7	6.0	1.1	0	23.6	H	
2486	2	11 33 25.9	-62 58 20	51	0.0078	0.0016	36.8	19.2	4.9	1.0	0	15.8	H	
2495	3	11 35 28.6	-63 02 27	31	0.0182	0.0020	109.1	29.9	9.3	3.0	0	1.5	H	
2496	4	11 35 47.5	-62 48 54	41	0.0127	0.0018	63.8	22.2	6.9	0.9	0	13.0	H	
2497	5	11 35 52.3	-62 55 12	42	0.0099	0.0016	55.8	24.2	6.2	1.7	0	7.1	H	
2498	6	11 35 59.2	-63 05 44	31	0.0251	0.0023	146.4	28.6	11.1	2.1	0	4.1	H	
2504	7	11 37 28.2	-63 11 48	50	0.0150	0.0020	70.3	19.7	7.4	1.2	0	15.2	H	

(11h 36m) **I 7209** (11h 36m)



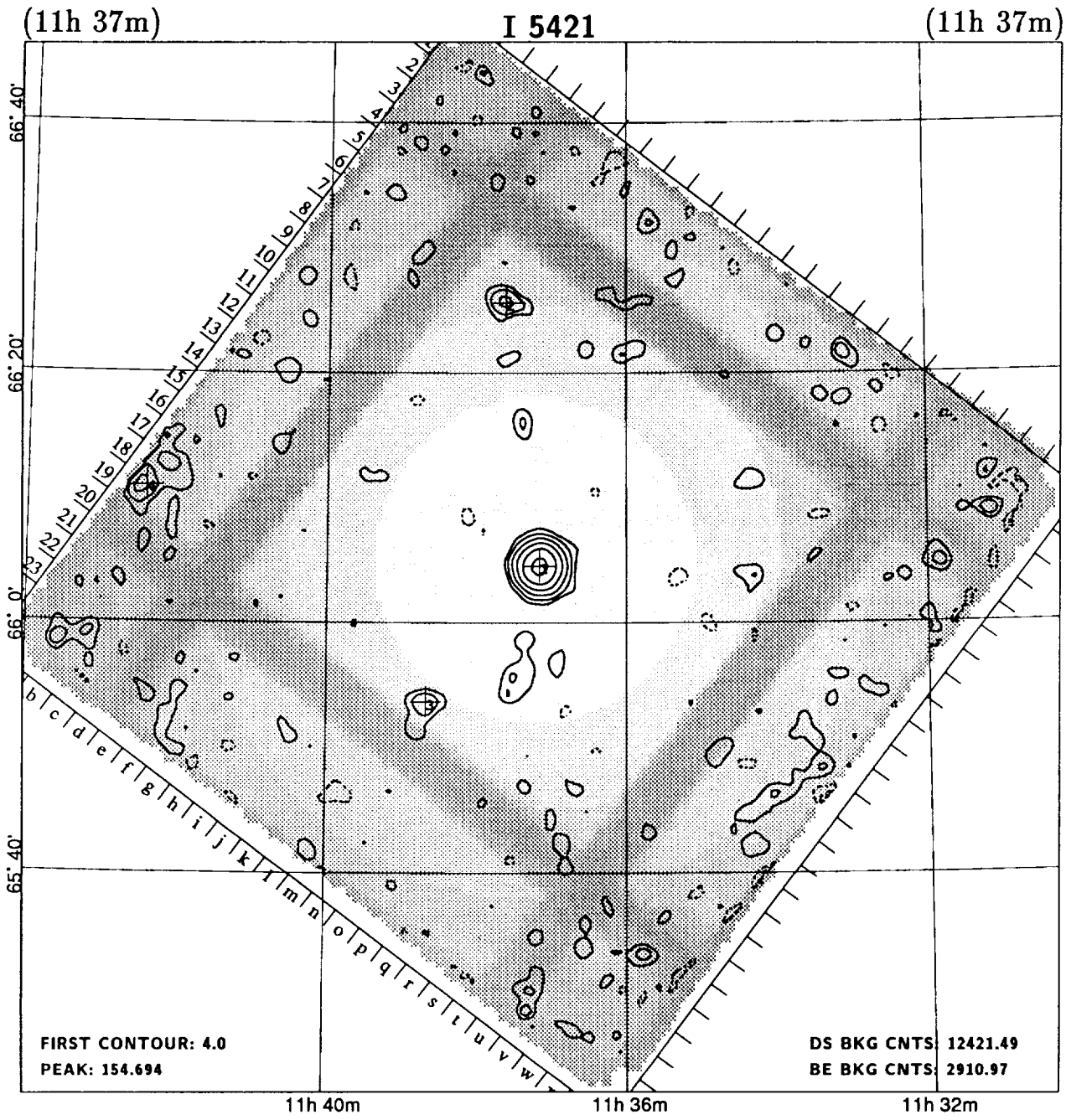
N3783, VARIABILITY OF TYPE 2 SEYFERTS

FIELD CENTER: $11^h36^m30.0^s$ -37°27′59″ (B1950) $11^h38^m58.7^s$ -37°44′37″ (J2000) ℓ: 287.45 b: 22.94

DATE: 1980/ 1 - 1980/ 17 **LIVETIME:** 7442.2s

NH: 9.3E+20 **REF/ID:** **FIELD FLAGS:** L

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2493	1L	11 35 07.8	-37 33 15	51	0.0088	0.0021	36.8	19.2	4.0	0.9	0	17.1		
2501	2L	11 36 33.8	-37 27 43	31	0.840	0.014	4644.6	338.4	58.5	1.2	0	0.8		



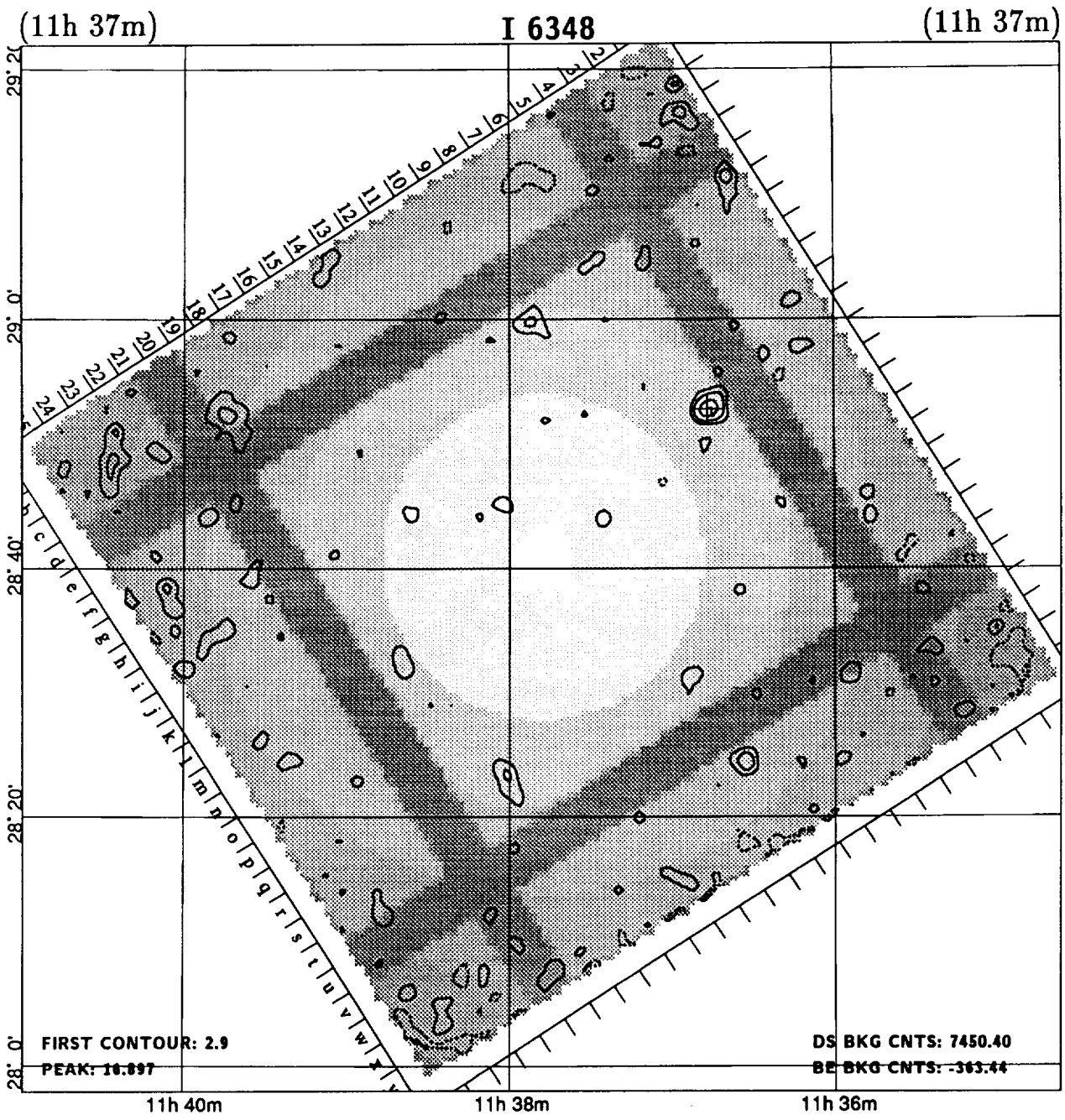
3CR263,LONG OBS. OF HIGH COUNT QUASARS

FIELD CENTER: $11^h37^m09.3^s$ $66°04'26''$ (B1950)
$11^h39^m57.0^s$ $65°47'49''$ (J2000)
ℓ: 134.16 b: 49.74

DATE: 1980/111 - 1980/113
LIVETIME: 10427.1s
ROLL ANGLE: 37.0°

NH: 1.0E+20
REF/ID: !
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2503	1	11 37 09.5	66 04 31	31	0.0938	0.0036	729.3	38.7	26.3	1.3	0	0.2	AH	Q
2505	2	11 37 37.0	66 25 34	51	0.0088	0.0017	45.6	28.4	5.3	0.9	0	21.1	H	
2510	3	11 38 40.3	65 53 40	41	0.0064	0.0013	40.1	30.9	4.8	1.0	300	14.2	H	
2519	4	11 42 24.8	66 10 54	56	*0.0102	0.0023	30.5	18.5	4.4	1.8	801	32.6	H	



A 1137+28,EMISSION LINE GALAXY SURVEY

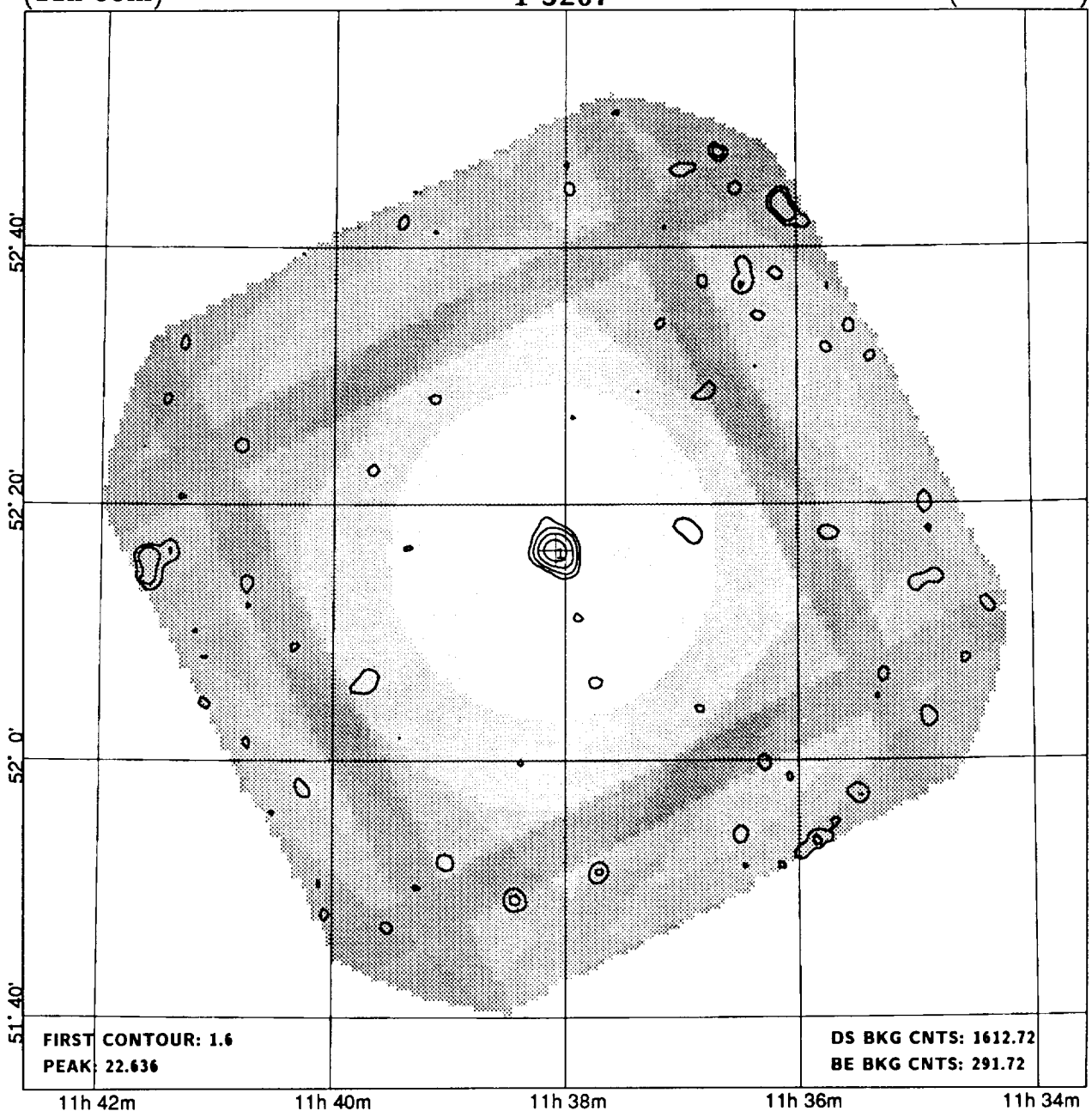
FIELD CENTER: $11^h37^m48.0^s$ $28°39'59''$ (B1950) | $11^h40^m25.0^s$ $28°23'21''$ (J2000) | ℓ: 204.22 b: 74.25

DATE: 1980/138 - 1980/138 | **LIVETIME:** 6037.3s | **ROLL ANGLE:** 57.5°

NH: 1.9E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2502	1	11 36 46.8	28 52 44	50	0.0144	0.0023	47.3	11.7	6.2	0.8	300	18.5	H	

(11h 38m) **I 3207** (11h 38m)



RS CVN SYSTEMS: RW UMA

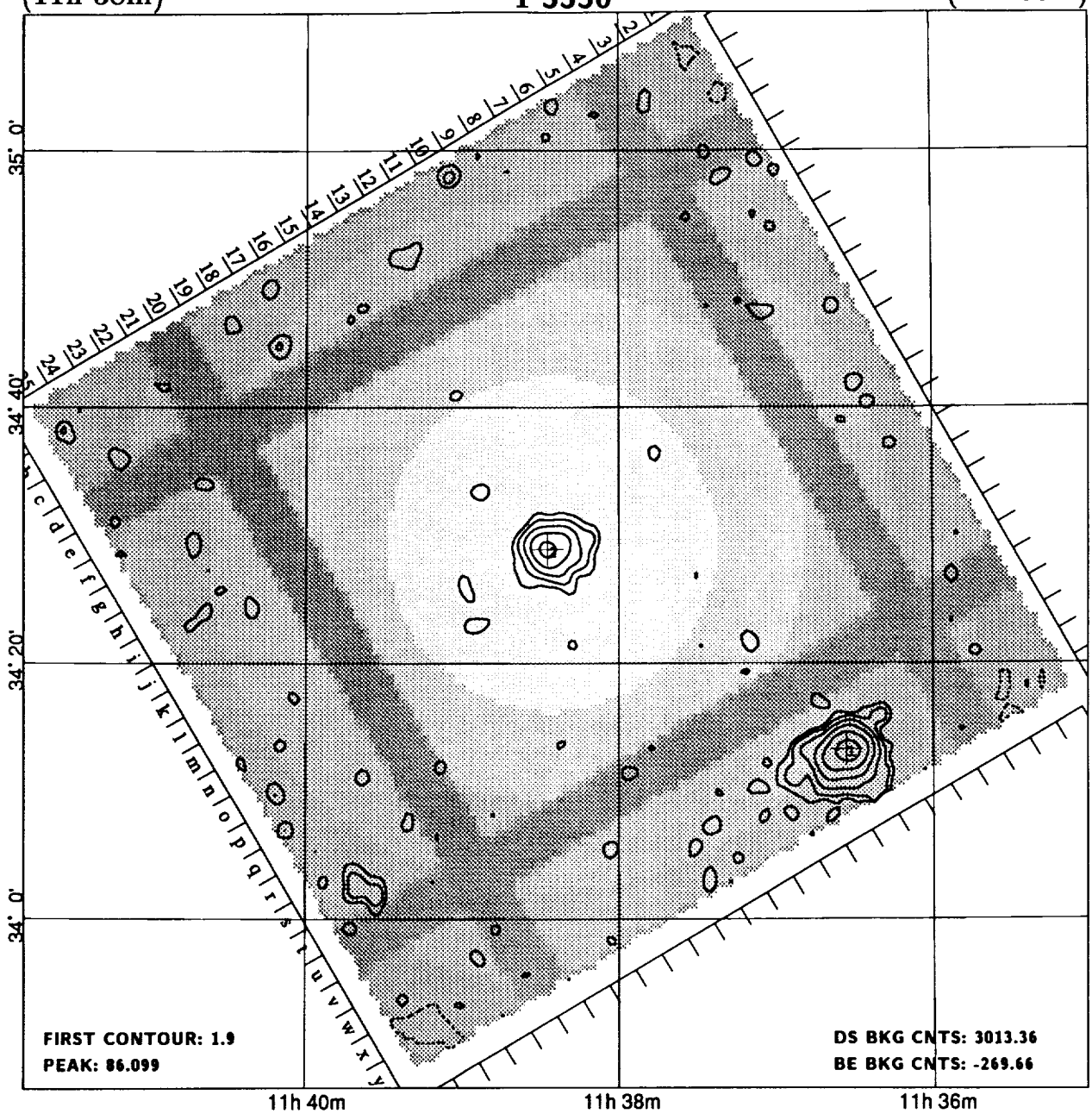
FIELD CENTER: $11^h38^m06.0^s$ $52°16'29''$ (B1950)
$11^h40^m47.4^s$ $51°59'51''$ (J2000)
ℓ: 146.23 b: 61.82

DATE: 1979/316 - 1979/325
LIVETIME: 1306.8s

NH: 1.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2507	1	11 38 05.0	52 16 27	31	0.0892	0.0098	87.0	5.0	9.1	1.1	0	0.2	H	CV

(11h 38m) **I 3530** (11h 38m)



61 UMA,CORONAL ACTIVITY OF F, G, K STARS

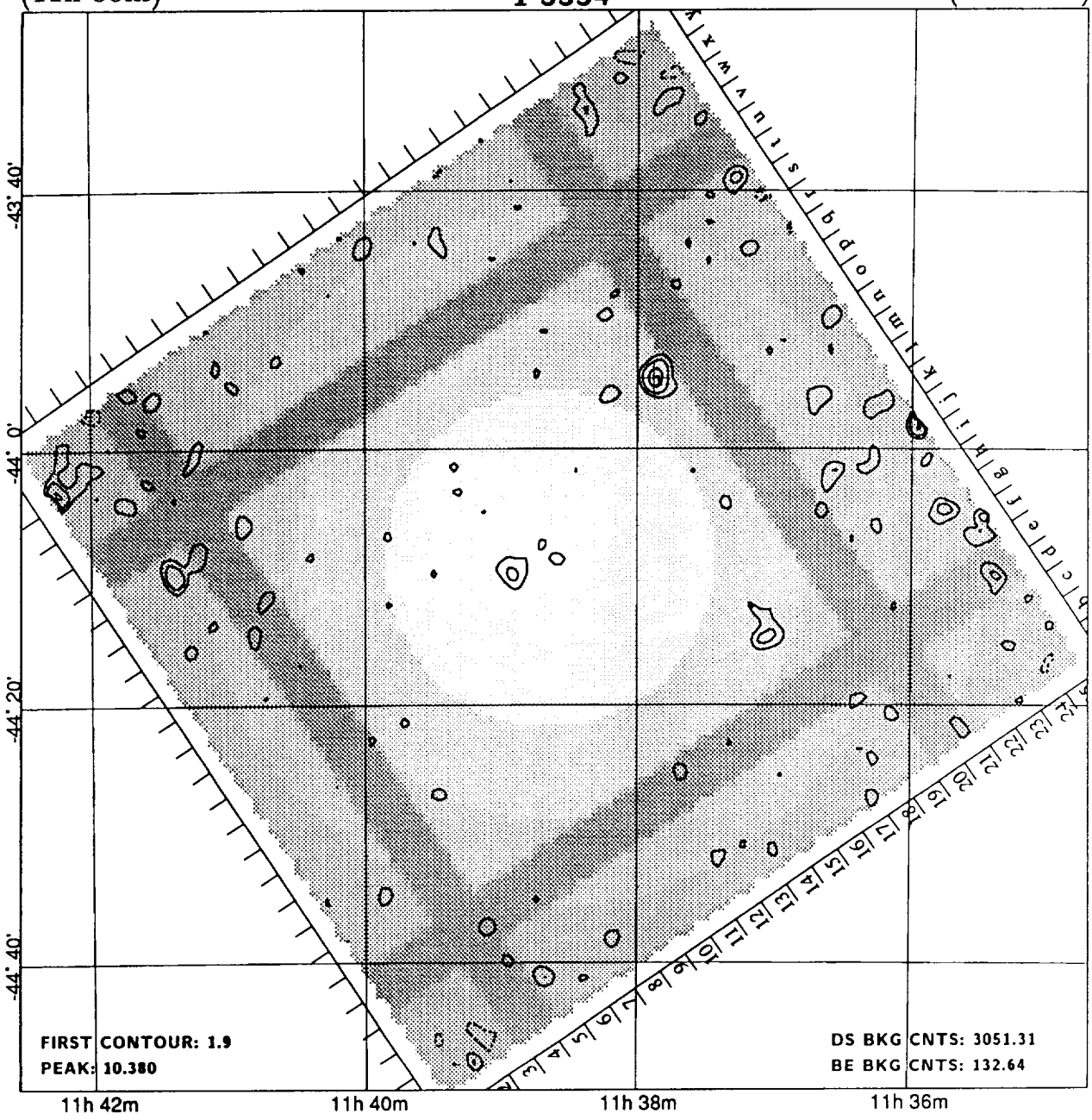
FIELD CENTER: $11^h38^m24.0^s$ $34°28'47''$ (B1950)
$11^h41^m01.8^s$ $34°12'09''$ (J2000)
ℓ: 183.55 b: 73.32

DATE: 1979/145 - 1979/145
LIVETIME: 2441.8s
ROLL ANGLE: 59.7°

NH: 1.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2499	1	11 36 33.0	34 13 16	47	0.219	0.016	202.0	4.0	14.1	1.8	0	27.5	H	
2509	2	11 38 27.4	34 28 57	31	0.0957	0.0074	174.1	6.9	12.9	1.7	0	0.9	H	S

(11h 38m) **I 5534** (11h 38m)



HD 101581

FIELD CENTER: $11^h38^m37.0^s$ $-44°07'59''$ (B1950)
$11^h41^m05.0^s$ $-44°24'38''$ (J2000)
ℓ: 289.91 b: 16.67

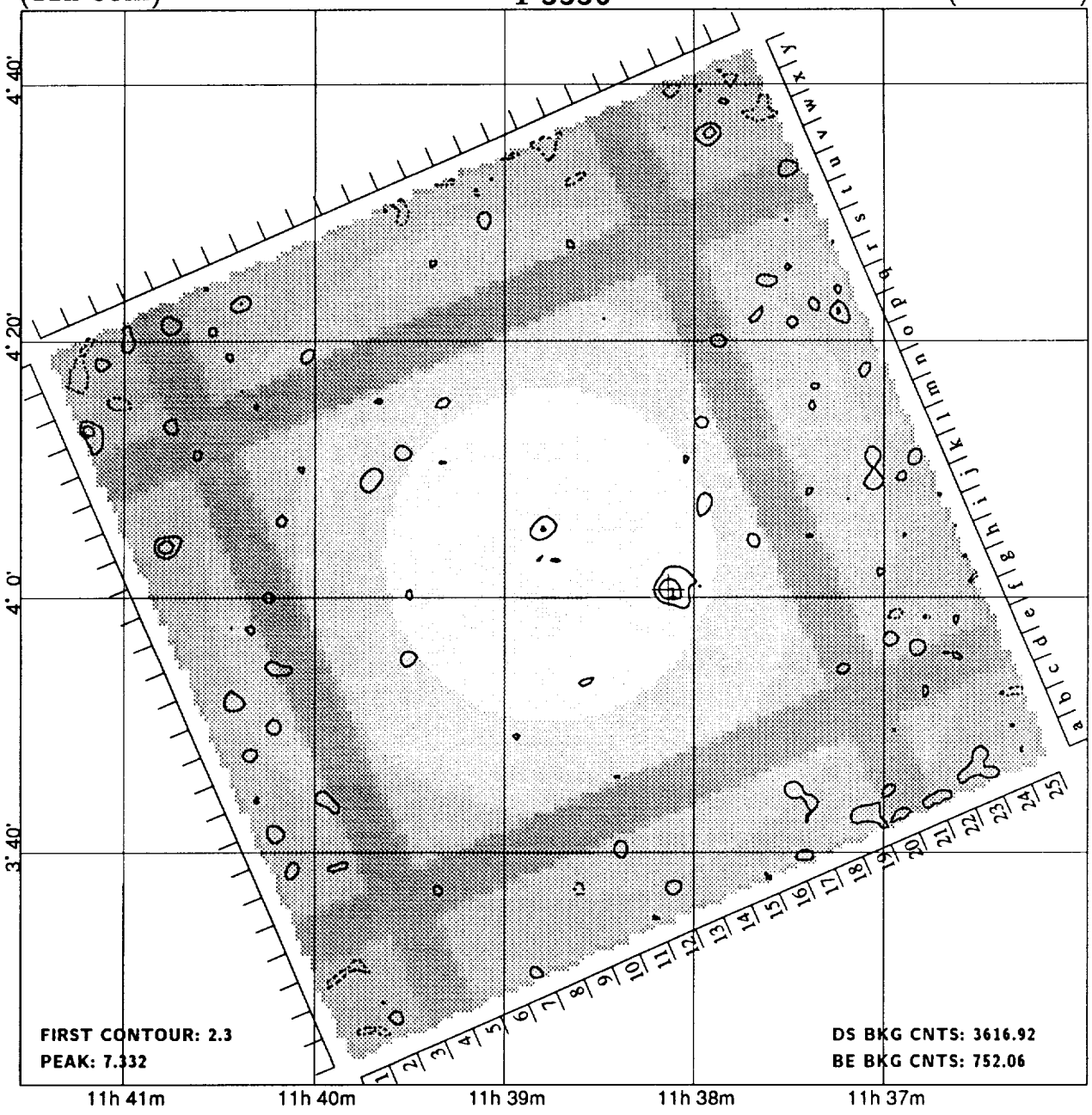
DATE: 1980/ 10 - 1980/ 10
LIVETIME: 2472.6s
ROLL ANGLE: -124.0°

NH: 9.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2506	1	11 37 52.7	-43 54 34	51	0.0198	0.0041	27.9	6.1	4.8	0.8	400	15.8	H	

C-6

(11h 38m) **I 5356** (11h 38m)



SURVEY OF BRIGHT QUASARS (PG)

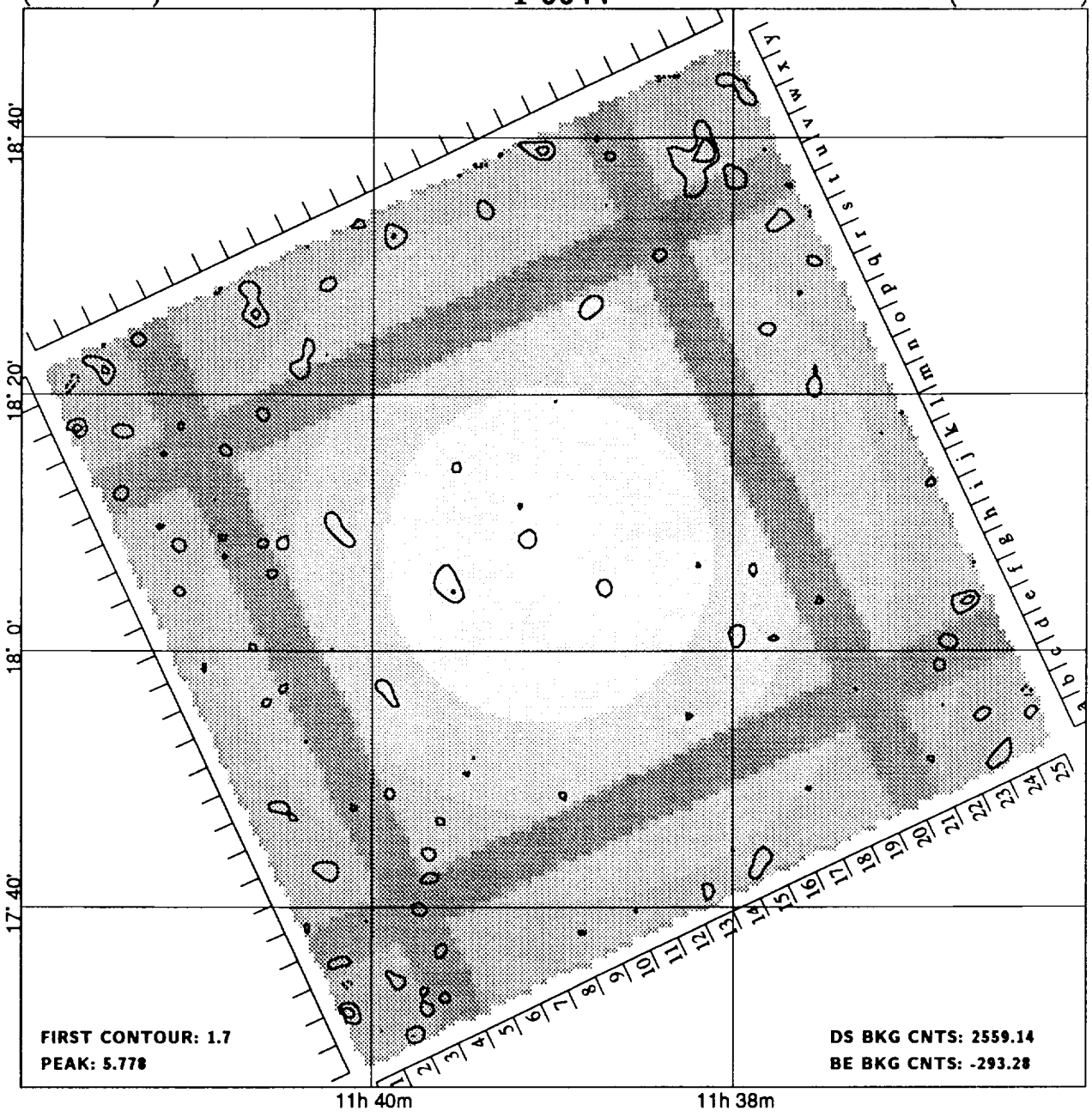
FIELD CENTER: $11^h38^m44.0^s$ $04°03'53''$ (B1950)
$11^h41^m18.1^s$ $03°47'15''$ (J2000)
ℓ: 264.22 b: 61.27

DATE: 1980/348 - 1980/349
LIVETIME: 2930.9s
ROLL ANGLE: -113.5°

NH: 2.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2508	1	11 38 08.1	04 00 36	42	0.0119	0.0030	23.3	10.7	4.0	0.9	0	9.2	H	

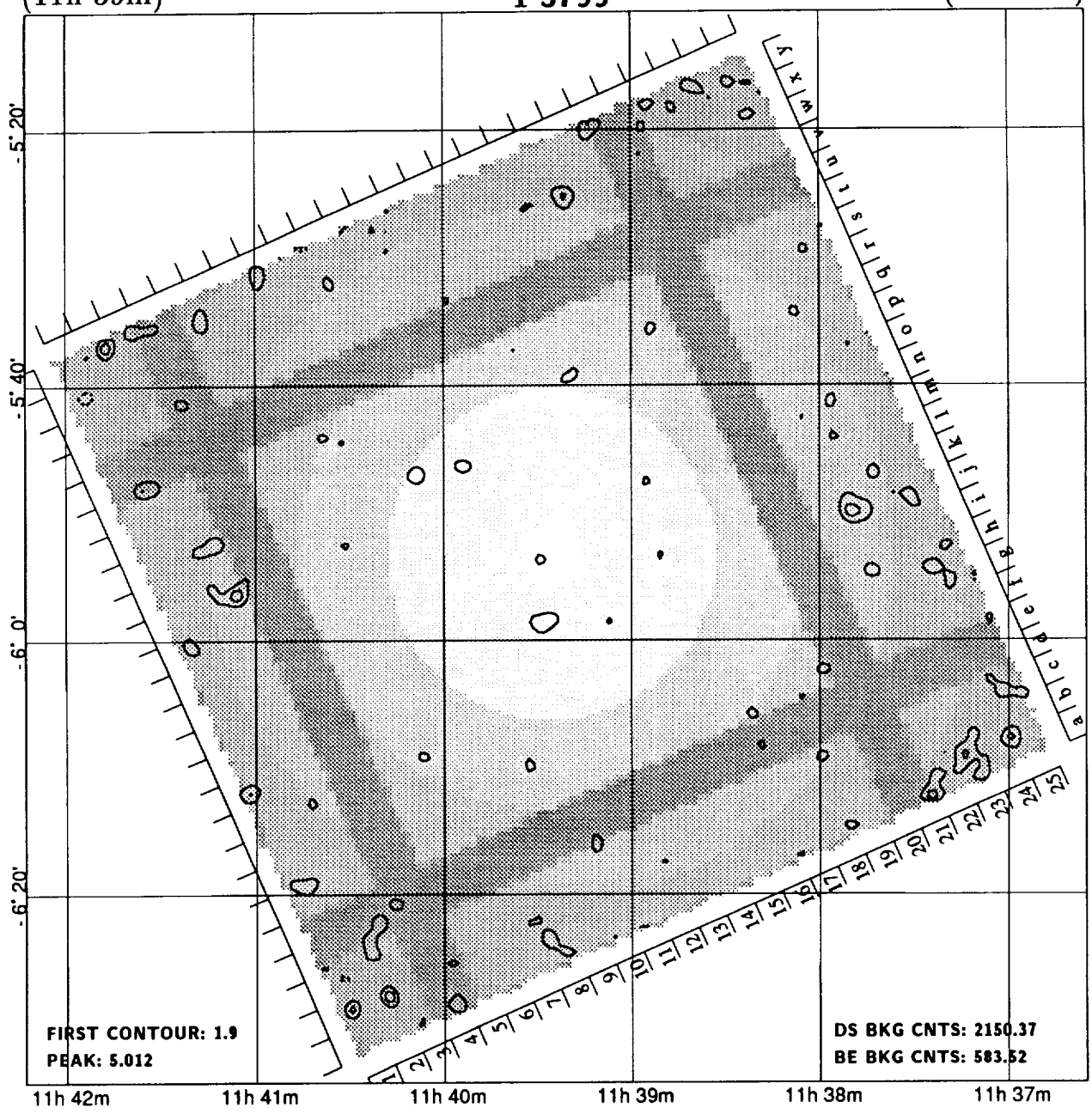
(11h 39m) **I 6644** (11h 39m)



TG39A,SURVEY OF GROUPS OF GALAXIES

FIELD CENTER:	$11^h39^m00.0^s$ $18°07'59''$ (B1950)	**DATE:** 1979/340 - 1979/340	**NH:** 2.1E+20
	$11^h41^m35.6^s$ $17°51'21''$ (J2000)	**LIVETIME:** 2073.7s	**REF/ID:**
	ℓ: 239.23 b: 71.42	**ROLL ANGLE:** -115.3°	**FIELD FLAGS:**

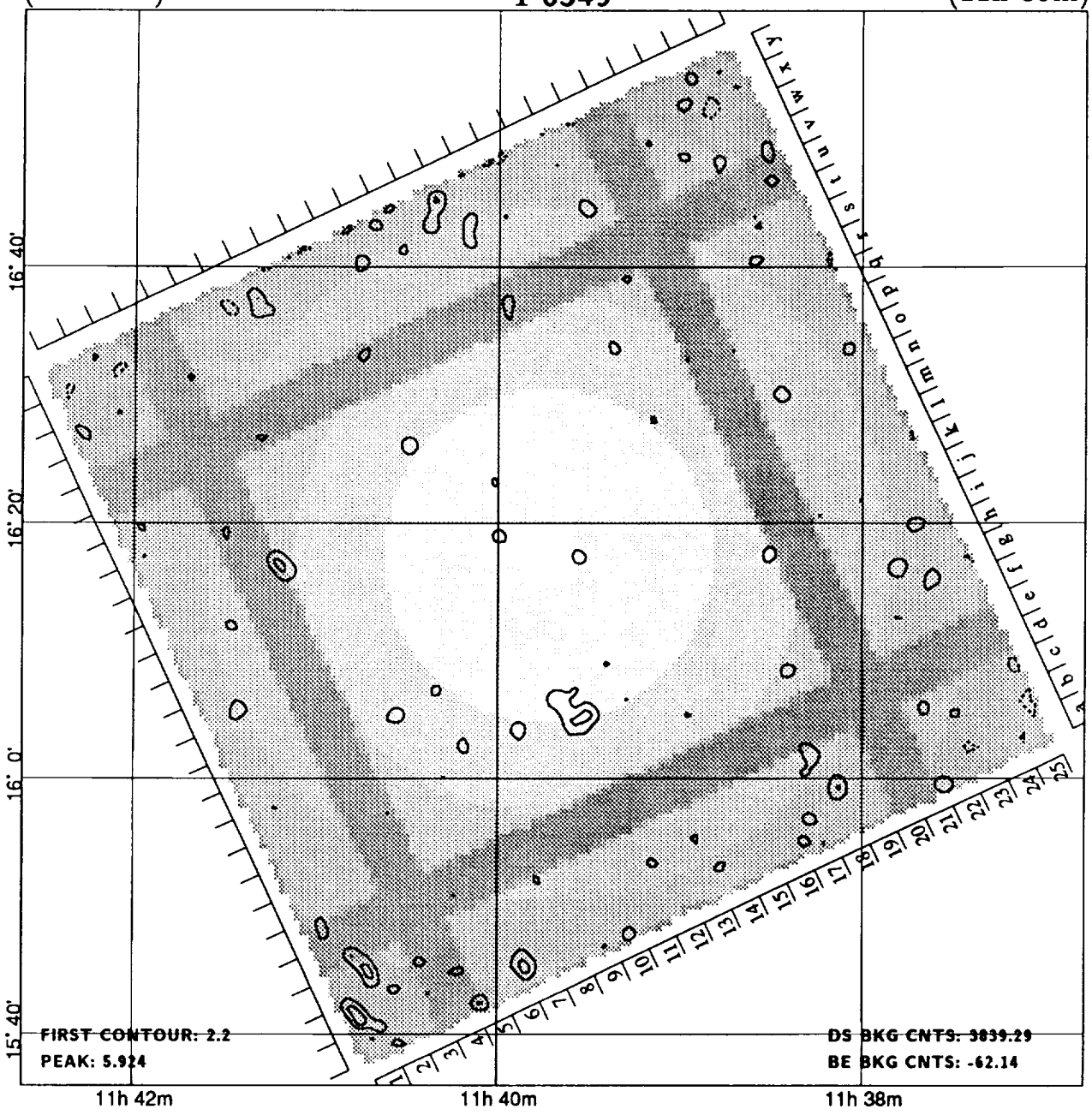
(11h 39m) **I 5799** (11h 39m)



NORMAL GALAXIES: N3818

FIELD CENTER:	$11^h39^m24.0^s$ -05°52′41″ (B1950)	**DATE:** 1980/354 - 1980/354	**NH:** 3.5E+20
	$11^h41^m57.1^s$ -06°09′20″ (J2000)	**LIVETIME:** 1742.5s	**REF/ID:**
	ℓ: 273.59 b: 52.71	**ROLL ANGLE:** -113.7°	**FIELD FLAGS:**

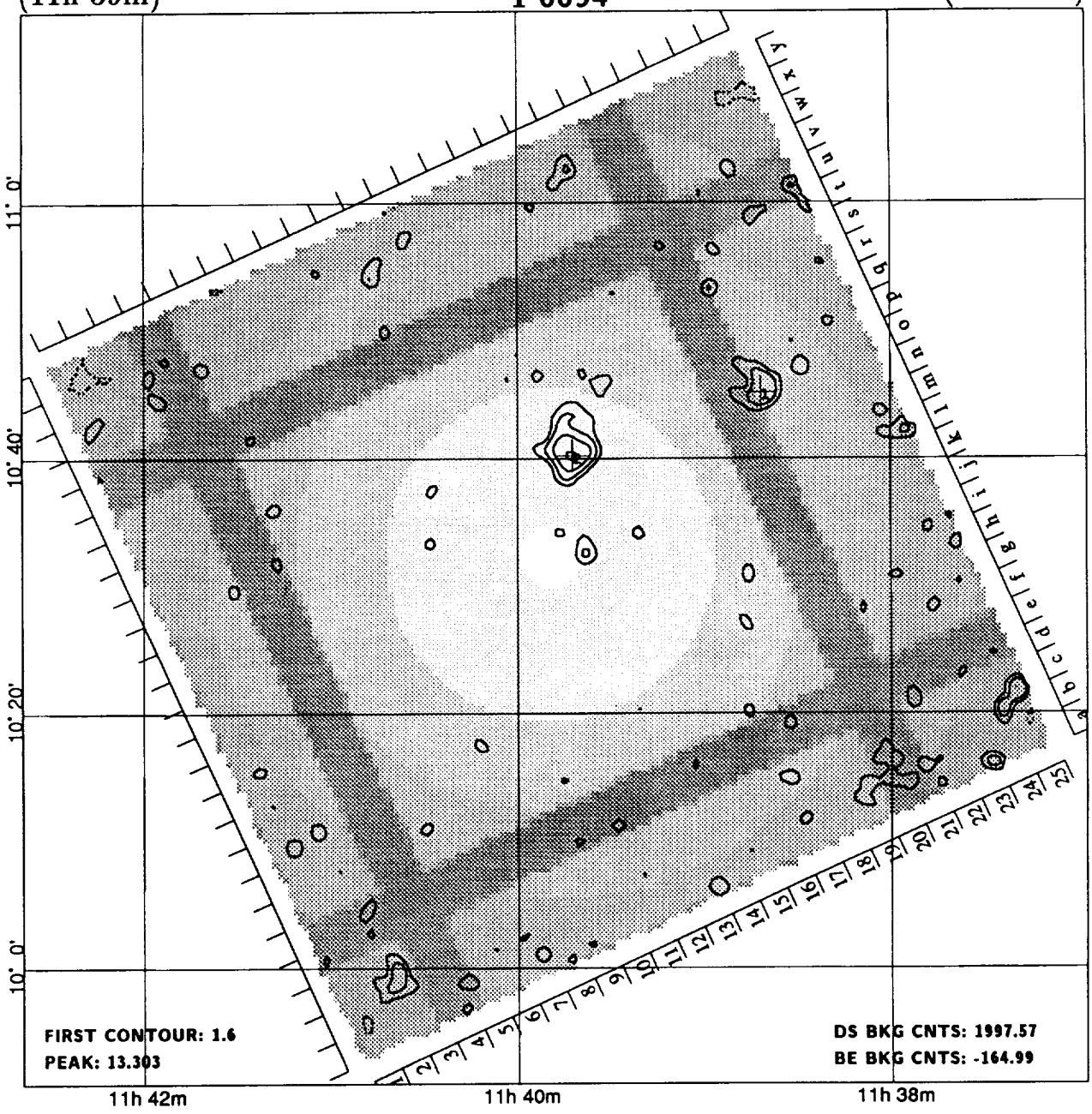
(11h 39m) **I 6349** (11h 39m)



A 1139+16,EMISSION LINE GALAXY SURVEY

FIELD CENTER:	$11^h39^m42.0^s$ 16°17′59″ (B1950)	DATE: 1979/340 - 1979/340	NH: 2.7E+20
	$11^h42^m17.3^s$ 16°01′21″ (J2000)	LIVETIME: 3111.1s	REF/ID:
	ℓ: 244.11 b: 70.50	ROLL ANGLE: -115.2°	FIELD FLAGS:

(11h 39m) **I 6694** (11h 39m)



MKW 10: CD GALAXIES IN POOR CLUSTERS

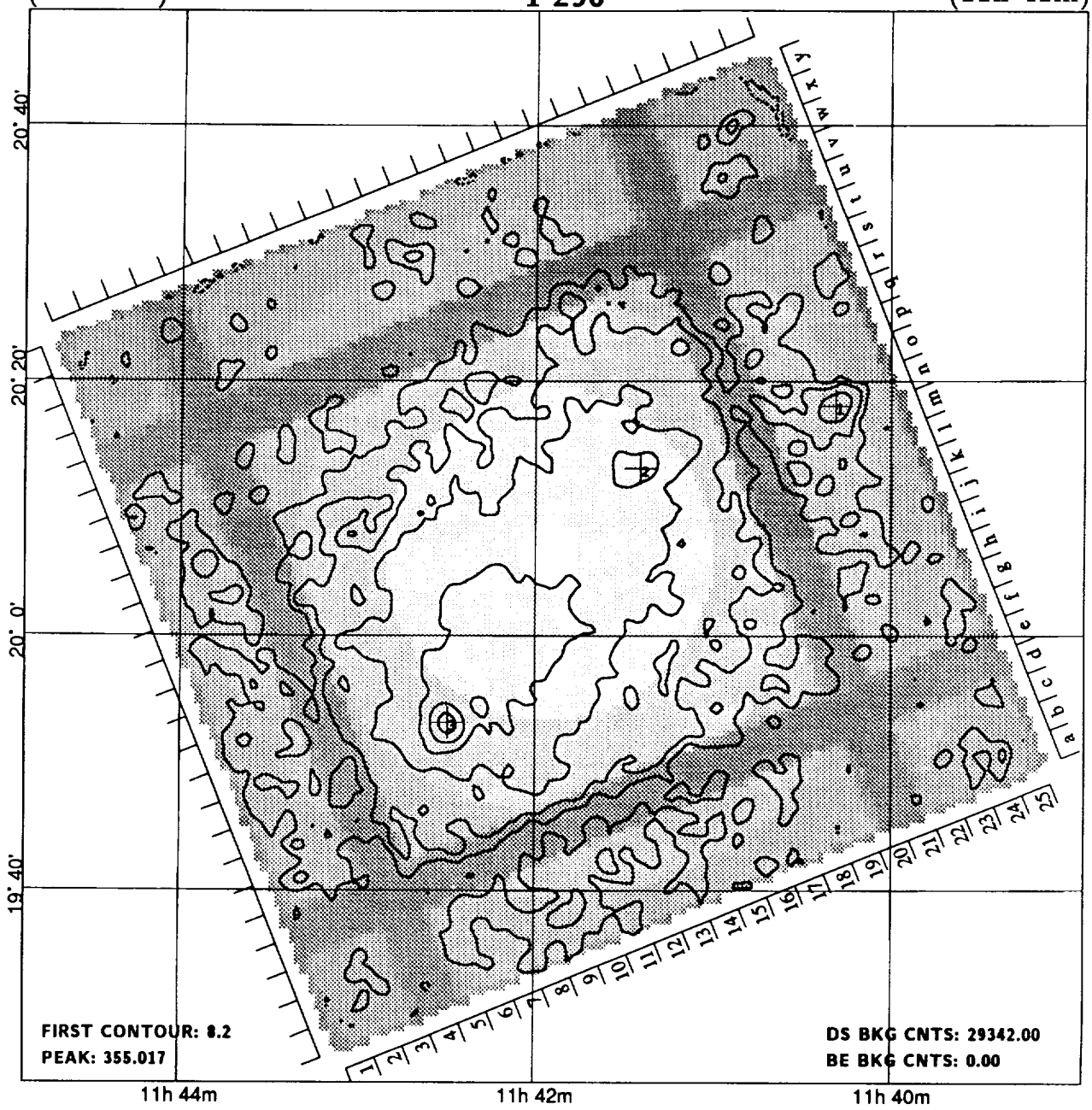
FIELD CENTER: $11^h39^m48.0^s$ $10°32'59''$ **(B1950)**
$11^h42^m22.7^s$ $10°16'21''$ **(J2000)**
ℓ: **255.66** b: **66.58**

DATE: 1979/341 - 1979/341
LIVETIME: 1618.7s
ROLL ANGLE: -114.5°

NH: 3.4E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2511	1	11 38 41.6	10 45 07	53	*0.0219	0.0056	17.5	2.5	3.9	1.2	704	20.5	H	
2512	2	11 39 42.3	10 40 12	41	0.0452	0.0066	50.1	3.9	6.8	1.5	0	7.4	H	AGN

(11h 41m) **I 296** (11h 41m)



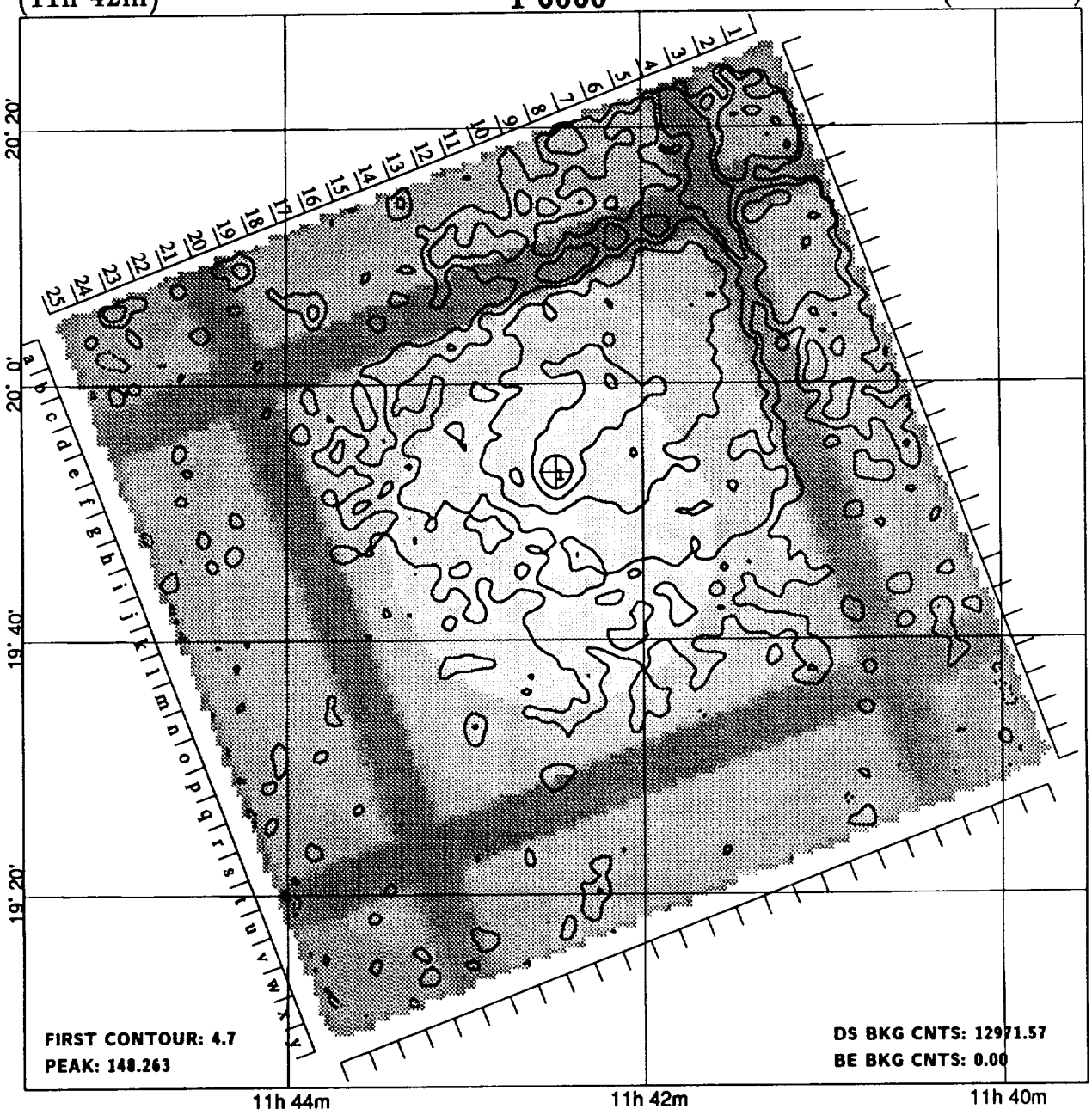
A1367 DETAILED CLUSTER STUDY

FIELD CENTER: $11^h41^m54.0^s$ $20°06'59''$ (B1950)
$11^h44^m29.5^s$ $19°50'20''$ (J2000)
ℓ: 234.80 b: 73.03

DATE: 1978/352 - 1979/353
LIVETIME: 23776.7s
ROLL ANGLE: -112.0°

NH: 2.2E+20
REF/ID: CLG
FIELD FLAGS: DL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2514	1L	11 40 18.5	20 18 04	55	0.0096	0.0017	96.8	95.2	5.6	161.1	0	25.0		AGN
2516	2L	11 41 24.4	20 13 09	38	0.0104	0.0018	165.6	345.4	5.7	74.9	0	9.3		RS
2521	3L	11 42 29.6	19 53 13	47	0.0624	0.0030	867.2	357.8	20.9	26.9	0	16.1	A	G



A1367,DETAILED STUDY OF CLUSTER EXTENTS

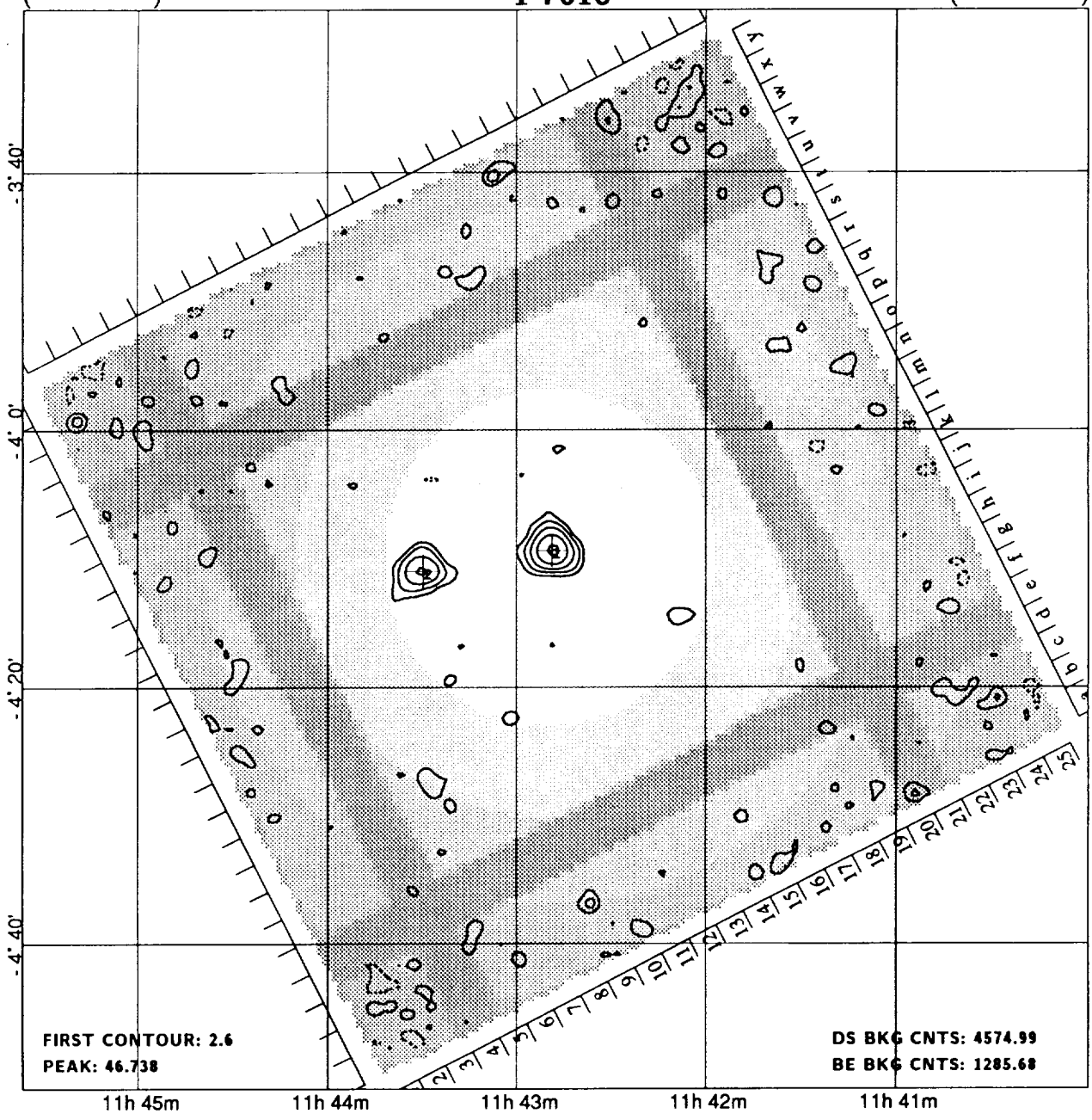
FIELD CENTER: $11^h42^m30.0^s$ $19°46'59''$ (B1950)
$11^h45^m05.4^s$ $19°30'20''$ (J2000)
ℓ: 236.03 b: 72.99

DATE: 1980/173 - 1980/173
LIVETIME: 10511.2s
ROLL ANGLE: 69.0°

NH: 2.3E+20
REF/ID:
FIELD FLAGS: DL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2521	1L	11 42 29.3	19 53 04	37	0.0568	0.0041	424.2	223.8	13.8	24.2	0	6.0	A	G

(11h 42m) **I 7618** (11h 42m)



TW VIR,CATACLYSMIC VARIABLES

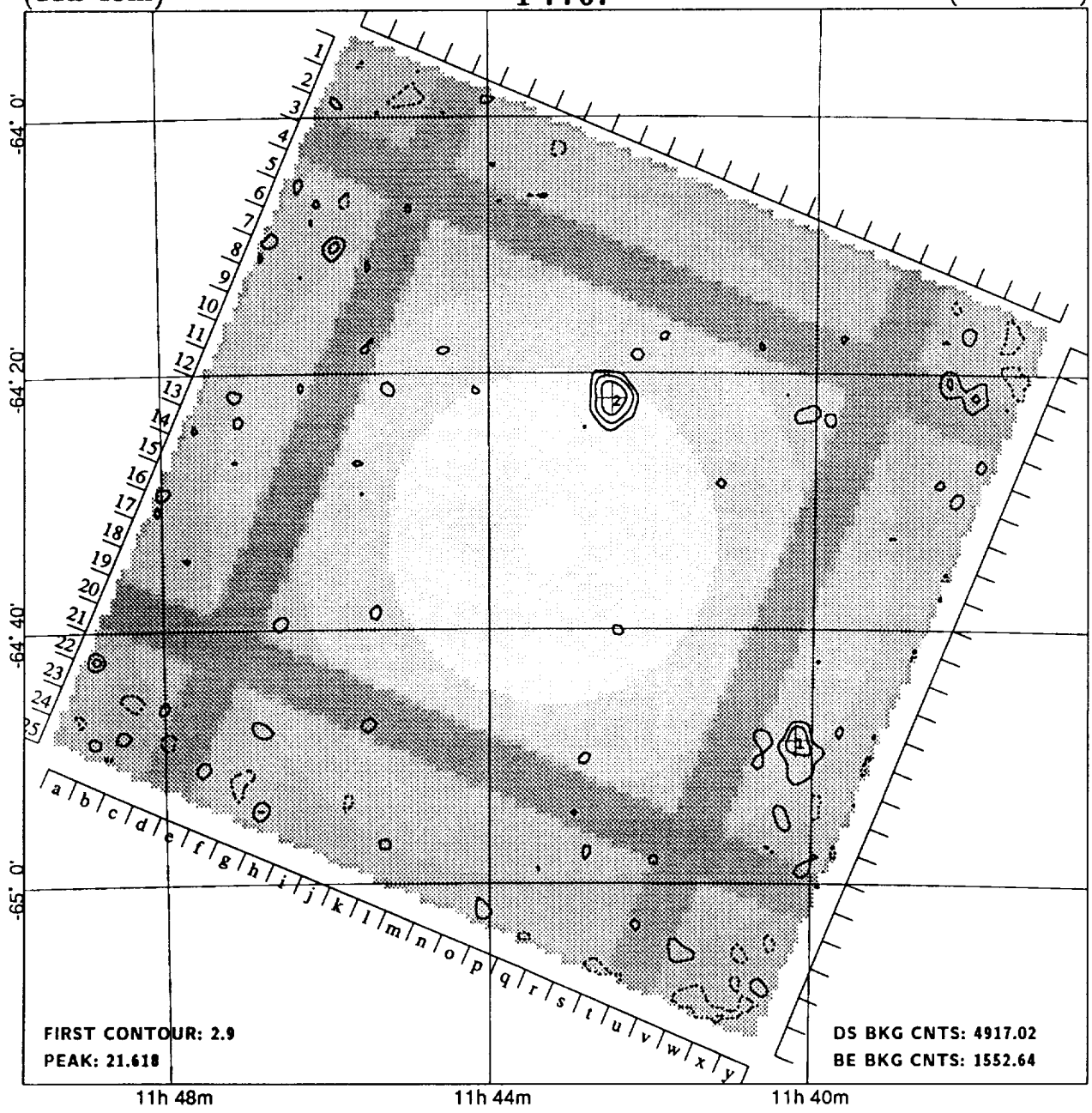
FIELD CENTER: $11^h42^m48.0^s$ $-04°09'17''$ (B1950)
$11^h45^m21.4^s$ $-04°25'57''$ (J2000)
ℓ: 273.60 b: 54.63

DATE: 1980/347 - 1980/348
LIVETIME: 3707.3s
ROLL ANGLE: -117.0°

NH: 2.7E+20
REF/ID: CV
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2522	1	11 42 48.7	-04 09 27	31	0.0701	0.0052	193.7	15.3	13.4	1.2	0	0.4	H	CV
2524	2	11 43 29.6	-04 11 02	38	0.0351	0.0041	86.4	13.6	8.6	1.2	0	10.7	H	

(11h 43m) **I 7707** (11h 43m)



L145-141,NEARBY STARS

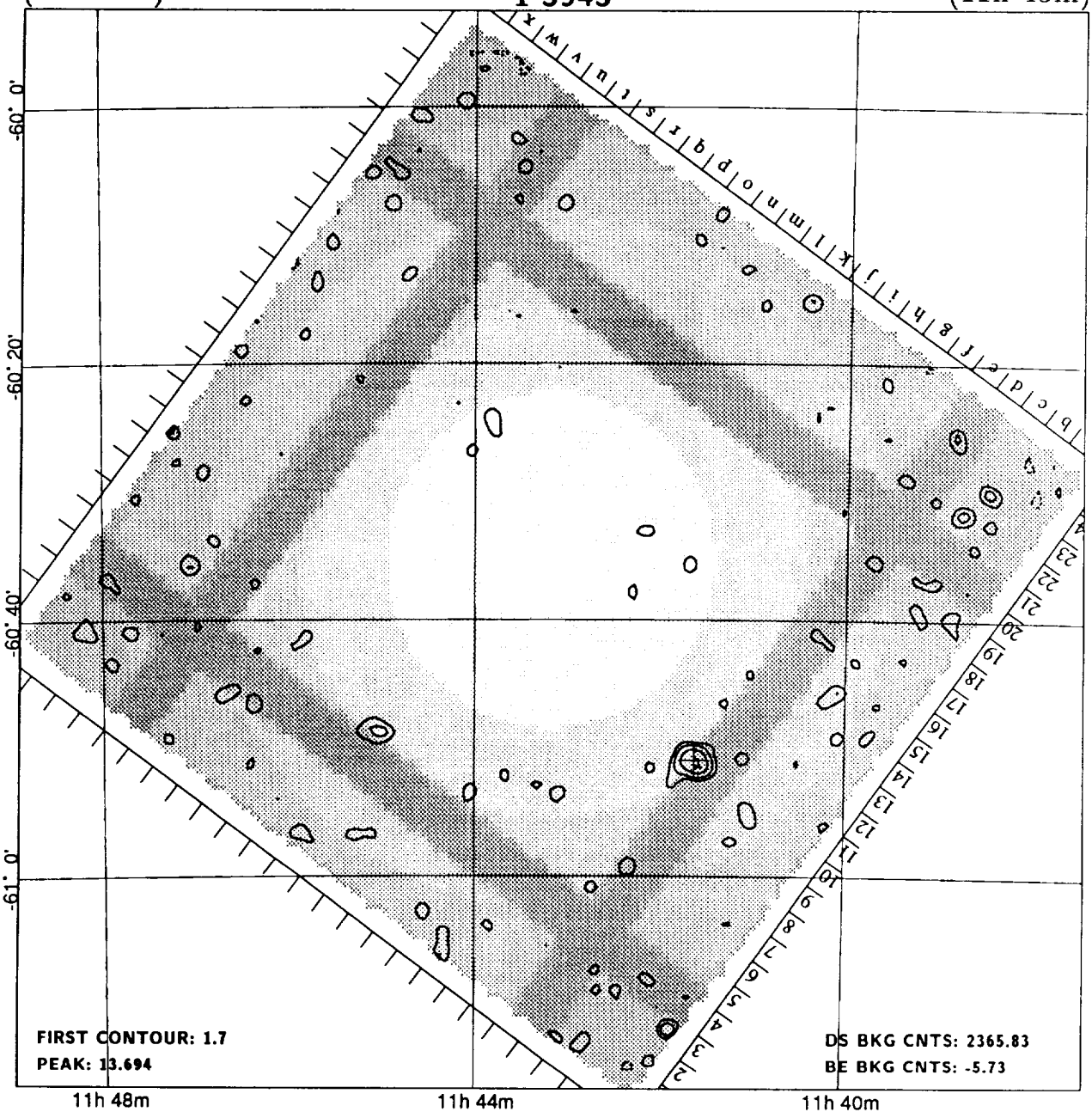
FIELD CENTER: $11^h43^m10.0^s$ -64°33′39″ (B1950) | $11^h45^m34.1^s$ -64°50′19″ (J2000) | ℓ: 296.00 b: -2.86

DATE: 1980/236 - 1980/237 | **LIVETIME:** 3984.5s | **ROLL ANGLE:** 22.8°

NH: 1.4E+21 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2513	1	11 40 12.2	-64 48 48	55	0.0148	0.0035	25.3	10.7	4.2	1.3	0	24.3	H	
2520	2	11 42 29.5	-64 21 57	39	0.0329	0.0039	83.9	14.1	8.5	1.1	0	12.4	H	

(11h 43m) **I 3943** (11h 43m)



COS-B GAMMA RAY SOURCE REGION CC

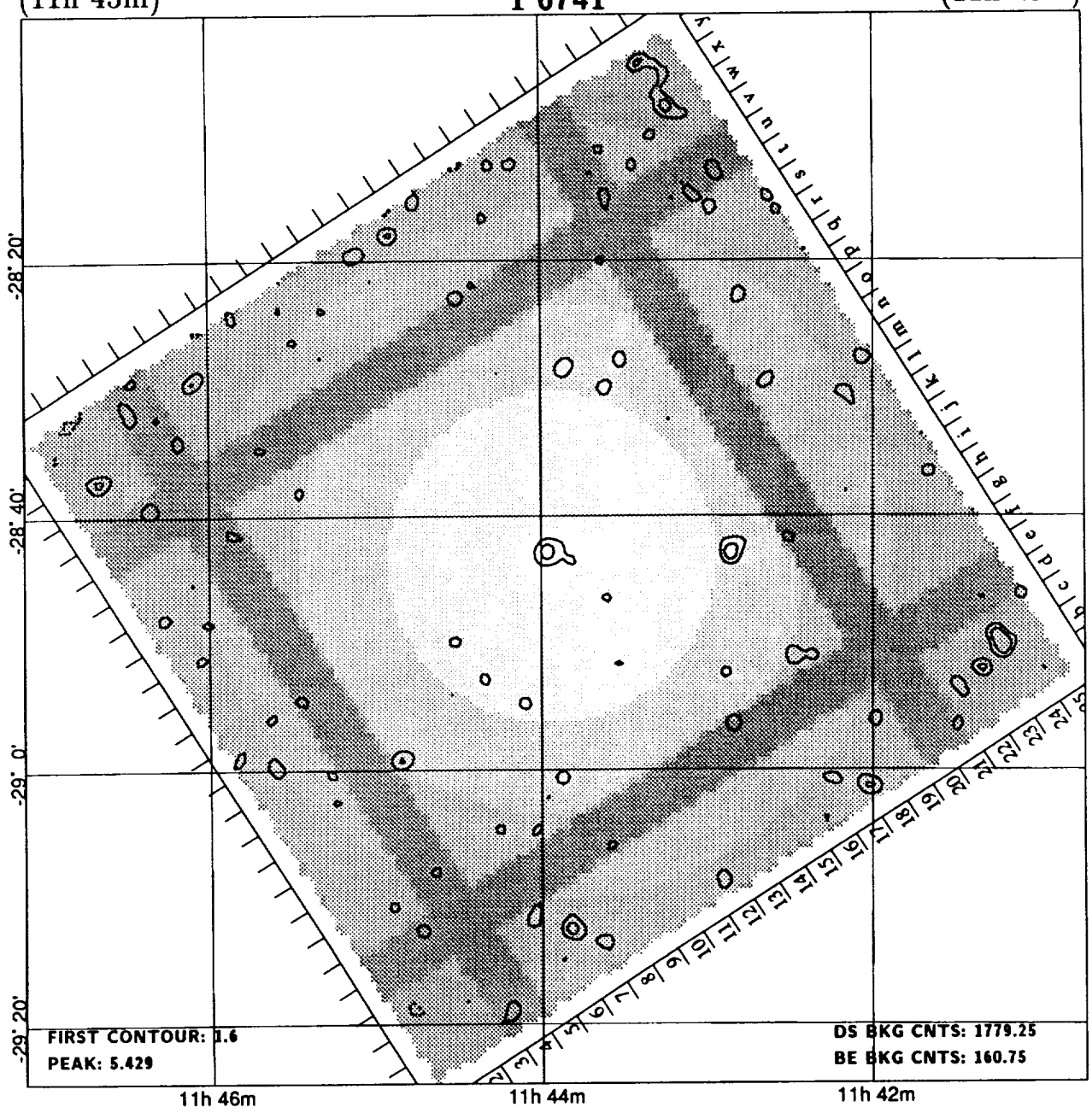
FIELD CENTER: $11^h43^m11.0^s$ -60°34′35″ (B1950) | $11^h45^m36.6^s$ -60°51′15″ (J2000) | ℓ: 295.00 b: 1.00

DATE: 1980/ 36 - 1980/ 36 | **LIVETIME:** 1917.1s | **ROLL ANGLE:** -143.8°

NH: 1.2E+21 | **REF/ID:** | **FIELD FLAGS:**

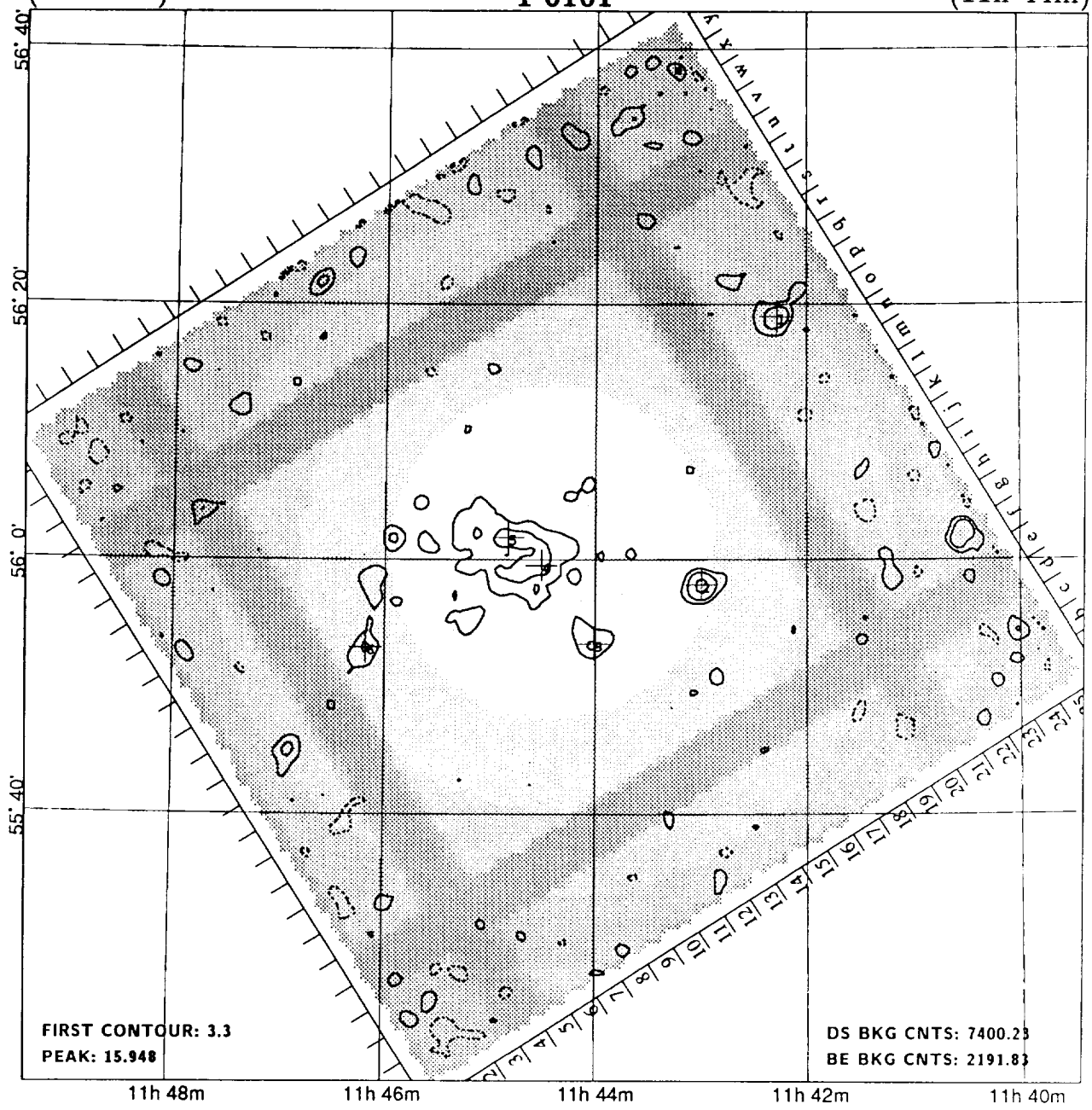
CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2517	1	11 41 37.1	-60 50 57	50	*0.0372	0.0063	37.3	2.7	5.9	1.0	905	19.9	H	

(11h 43m) **I 6741** (11h 43m)



SEARCH FOR HIGH LX QSO'S: 17

FIELD CENTER:	$11^h43^m54.9^s$ $-28°42'41''$ (B1950)	**DATE:** 1980/ 12 - 1980/ 12	**NH:** 6.3E+20
	$11^h46^m26.2^s$ $-28°59'22''$ (J2000)	**LIVETIME:** 1441.8s	**REF/ID:**
	ℓ: 286.20 b: 31.76	**ROLL ANGLE:** -122.5°	**FIELD FLAGS:**



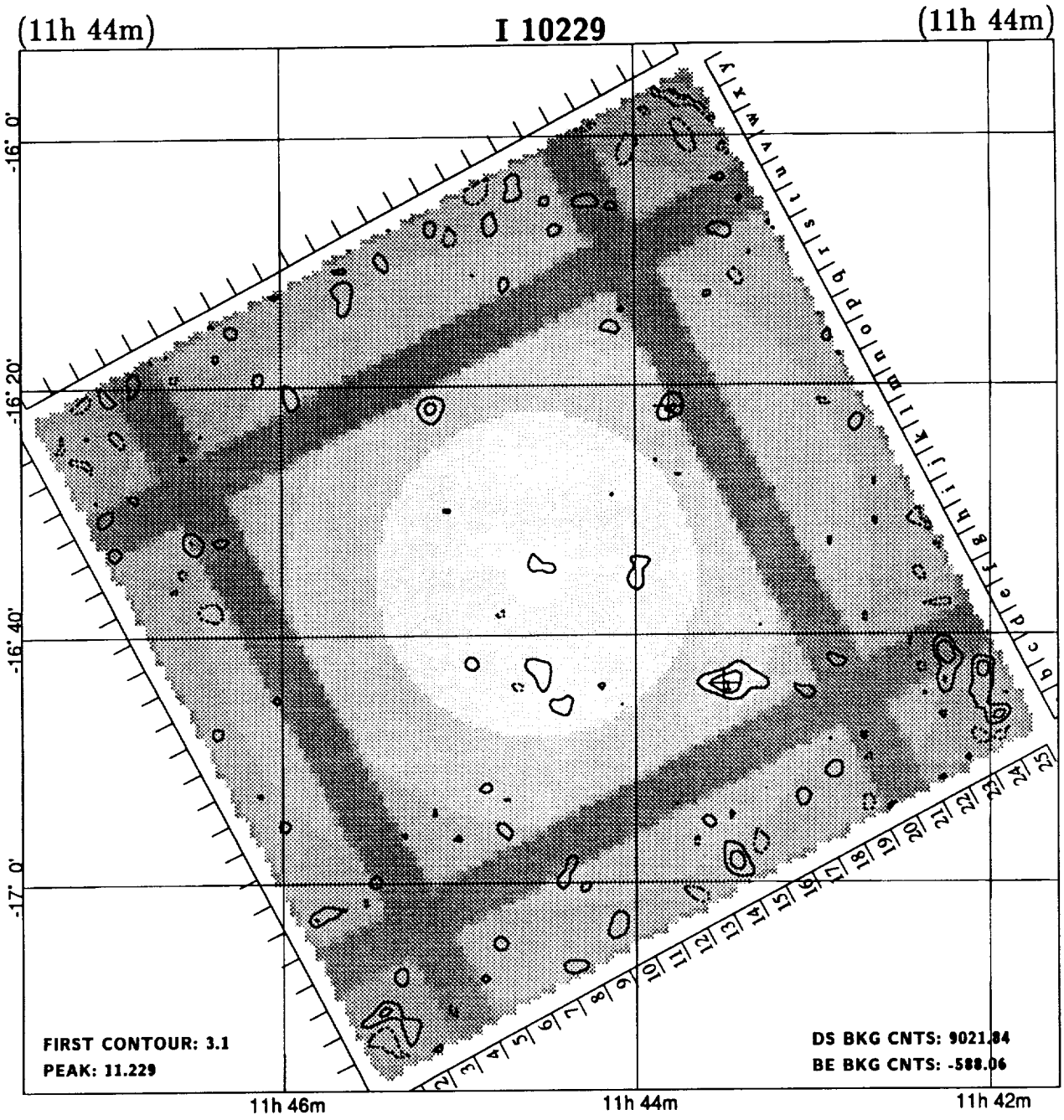
A 1377,DETAILED STUDY OF NEARBY CLUSTERS

FIELD CENTER: $11^h44^m24.0^s$ $56°00'59''$ (B1950)
$11^h47^m03.9^s$ $55°44'19''$ (J2000)
ℓ: 140.63 b: 59.12

DATE: 1979/324 - 1979/325
LIVETIME: 5996.7s
ROLL ANGLE: -122.5°

NH: 1.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2518	1	11 42 17.1	56 19 01	55	0.0088	0.0024	22.2	14.8	3.6	1.0	0	25.5	H	
2523	2	11 42 59.7	55 57 57	41	0.0144	0.0023	55.5	22.5	6.3	0.9	0	12.3	H	
2528	3	11 44 00.6	55 53 21	42	0.0069	0.0018	28.6	25.4	3.9	0.9	0	7.8		
2529	4	11 44 30.7	55 59 31	36	0.0100	0.0019	44.4	23.6	5.4	4.3	0	2.0	H	CLG
2530	5	11 44 49.8	56 01 44	36	0.0093	0.0019	40.5	24.5	5.0	5.2	0	4.0		
2536	6	11 46 10.7	55 53 05	57	0.0063	0.0018	21.3	14.7	3.5	0.8	0	17.0	H	



N 3887: ACTIVE NUCLEI OF BARRED SPIRALS

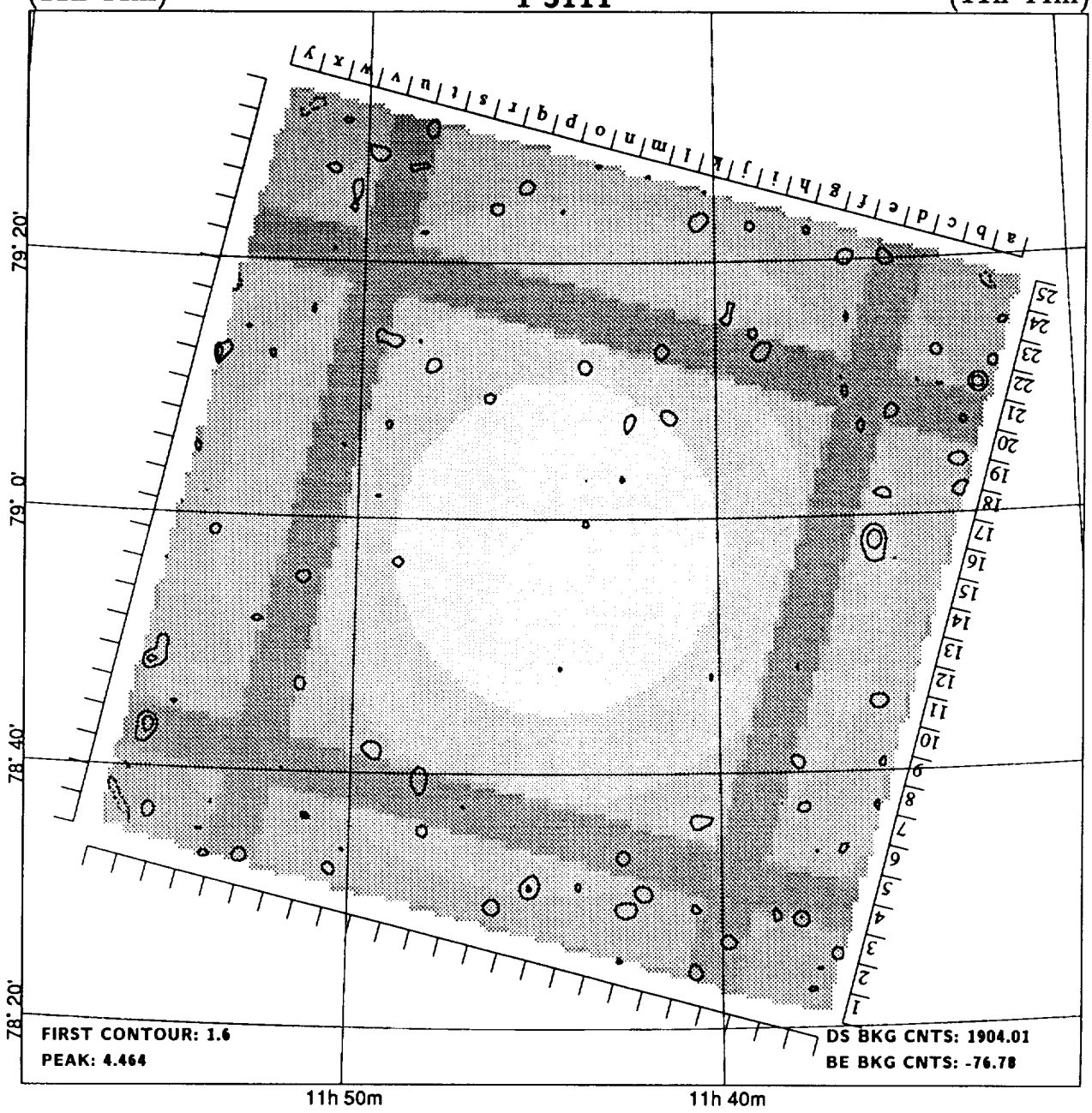
FIELD CENTER: $11^h44^m32.4^s$ $-16°34'35''$ (B1950) | $11^h47^m04.9^s$ $-16°51'16''$ (J2000) | ℓ: 281.55 b: 43.33

DATE: 1981/ 5 - 1981/ 5 | **LIVETIME:** 7310.7s | **ROLL ANGLE:** -117.9°

NH: 3.4E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2525	1	11 43 30.2	-16 43 55	54	0.0075	0.0017	30.2	15.8	4.4	1.2	0	17.2	H	
2527	2	11 43 48.5	-16 21 41	55	*0.0053	0.0015	21.5	14.5	3.6	0.6	704	16.7		

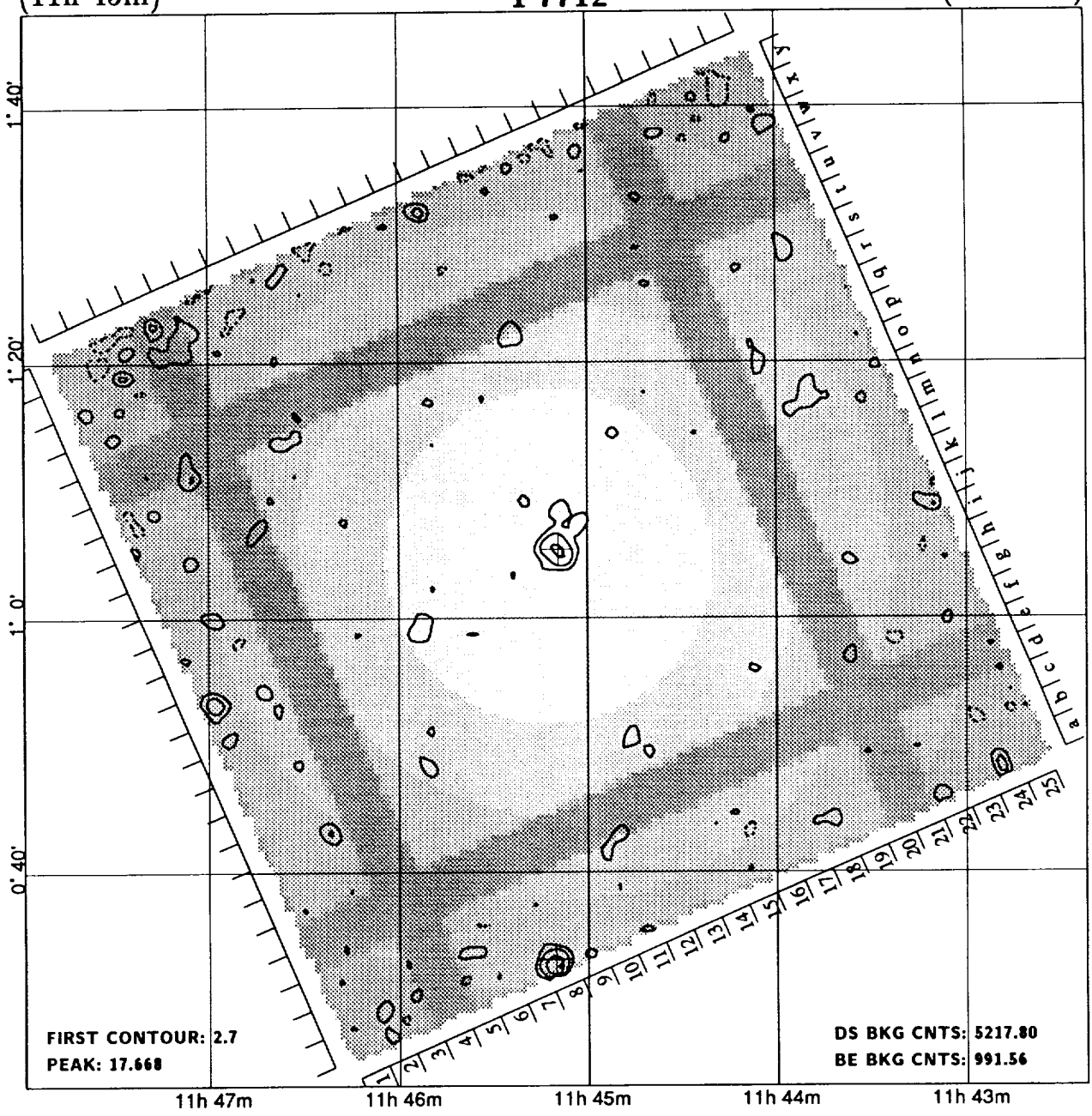
(11h 44m) **I 3111** (11h 44m)



COHERENT SAMPLING OF NEARBY STARS: AC +79 3888

FIELD CENTER:	$11^h44^m33.8^s$ 78°57′38″ (B1950)	DATE: 1979/278 - 1979/278	NH: 4.7E+20
	$11^h47^m28.1^s$ 78°40′58″ (J2000)	LIVETIME: 1542.9s	REF/ID:
	ℓ: 126.86 b: 37.95	ROLL ANGLE: -165.7°	FIELD FLAGS:

(11h 45m) **I 7712** (11h 45m)



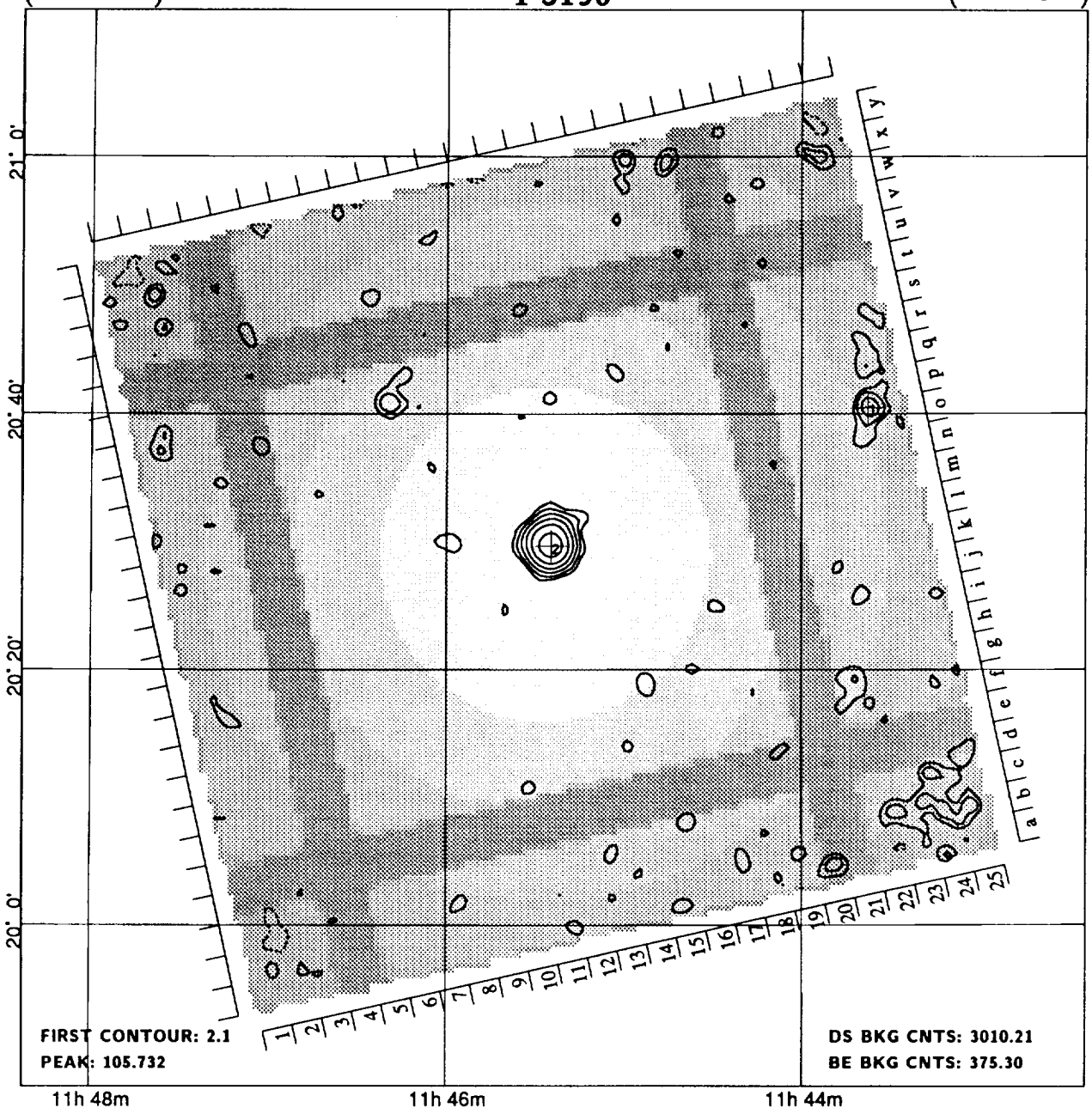
ROSS 128,NEARBY STARS

FIELD CENTER: $11^h45^m10.0^s$ $01°05'21''$ (B1950)
$11^h47^m43.8^s$ $00°48'41''$ (J2000)
ℓ: 270.14 b: 59.56

DATE: 1980/349 - 1980/349
LIVETIME: 4228.2s
ROLL ANGLE: -113.4°

NH: 2.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2532	1	11 45 09.3	01 05 22	35	0.0166	0.0026	52.3	16.7	6.3	1.3	0	0.2	H	
2533	2	11 45 10.3	00 33 10	52	0.0186	0.0042	24.9	6.1	4.5	0.8	500	31.9	H	



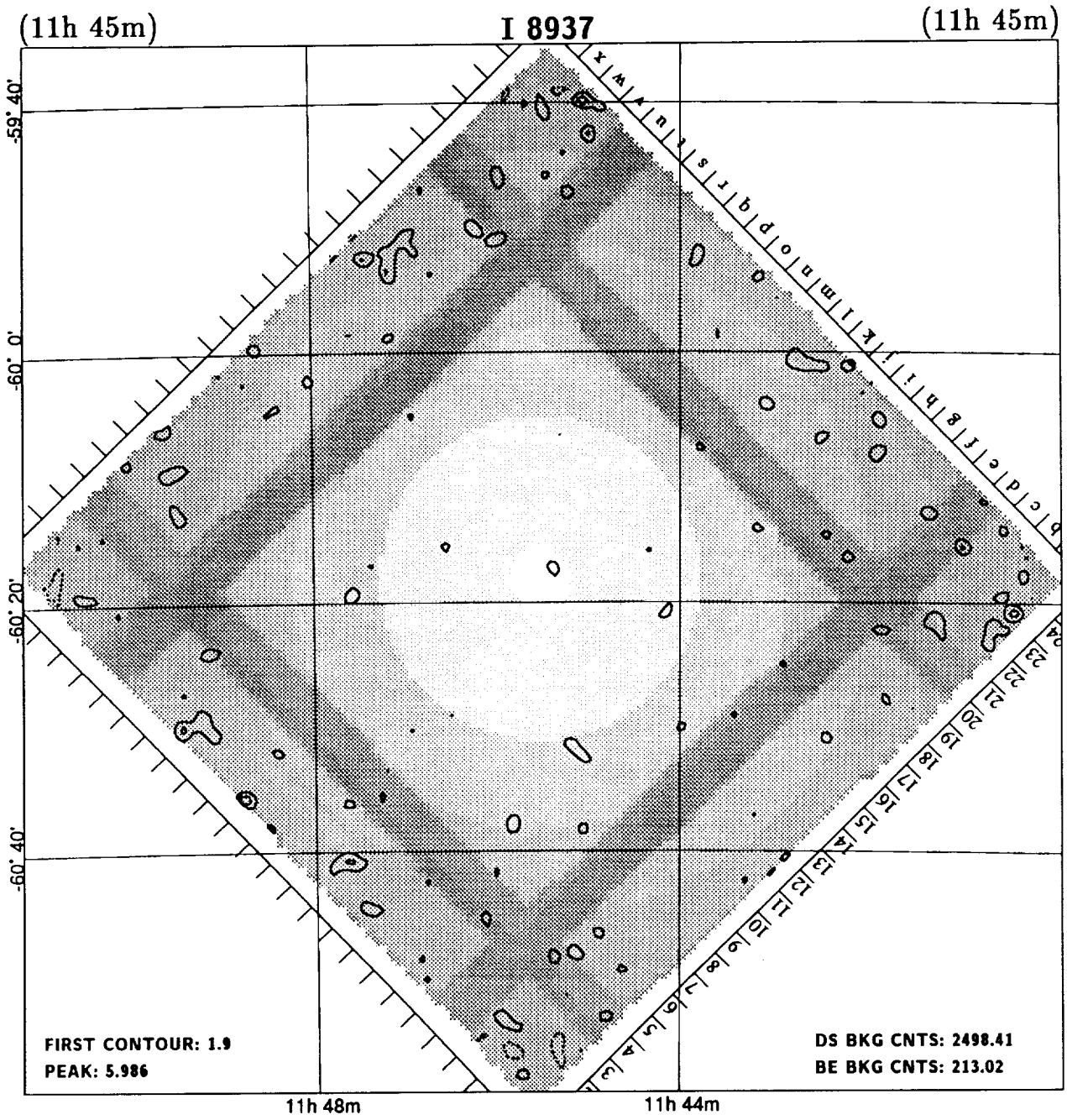
STAR 93 LEO,CORRELATION OF CORONAL ACTIVITY WITH BINARY PERIOD

FIELD CENTER: $11^h45^m24.0^s$ $20°29'29''$ (B1950)
$11^h47^m59.2^s$ $20°12'49''$ (J2000)
ℓ: 235.02 b: 73.93

DATE: 1979/352 - 1979/352
LIVETIME: 2439.3s
ROLL ANGLE: -102.5°

NH: 2.6E+20
REF/ID: S
FIELD FLAGS:

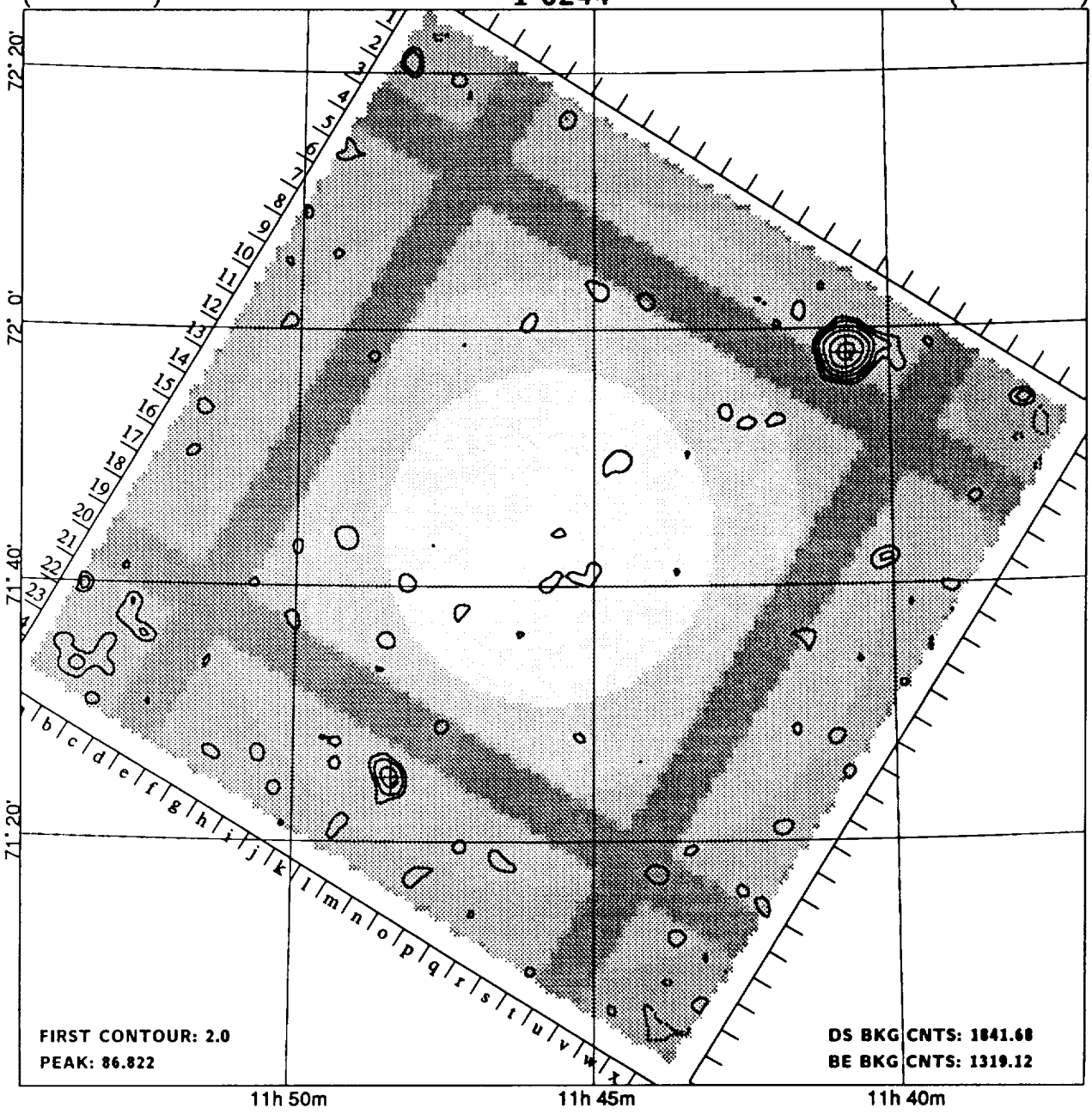
CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2526	1	11 43 37.6	20 40 27	51	0.0223	0.0054	20.8	5.2	4.1	1.0	0	27.3	H	G
2534	2	11 45 24.5	20 29 42	31	0.259	0.012	469.3	8.7	21.5	1.2	0	0.6	H	



HD 102552: POSSIBLE PROGENITOR OF WOLF-RAYET SYSTEMS

FIELD CENTER:	$11^h45^m30.0^s$ -60°17′17″ (B1950)	DATE: 1981/ 24 - 1981/ 24	NH: 1.2E+21
	$11^h47^m56.9^s$ -60°33′58″ (J2000)	LIVETIME: 2024.6s	REF/ID:
	ℓ: 295.21 b: 1.35	ROLL ANGLE: -134.2°	FIELD FLAGS:

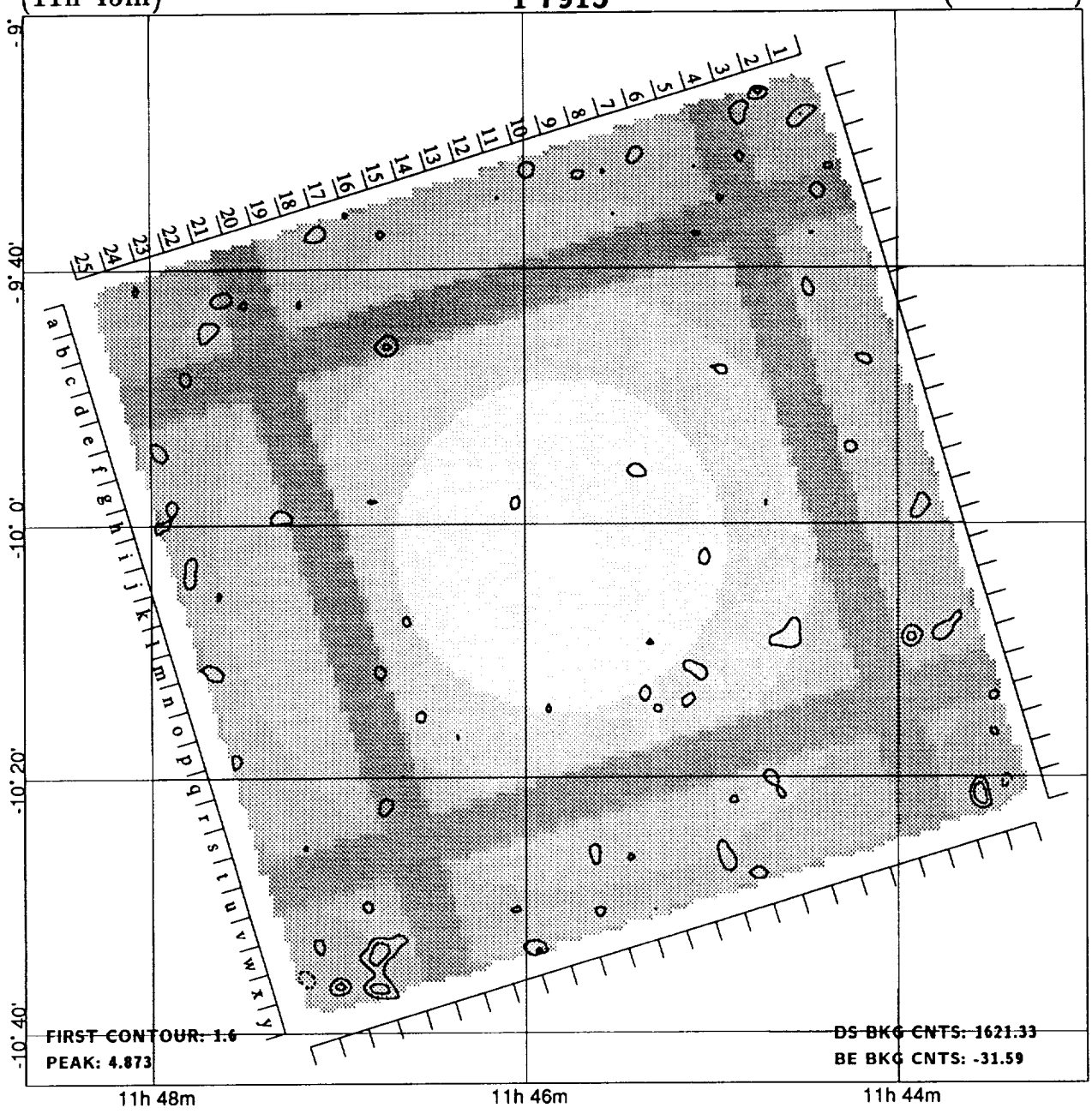
(11h 45m) **I 6244** (11h 45m)



A 1382,COMPLETE SURVEY OF ABELL CLUSTERS

FIELD CENTER: $11^h45^m42.0^s$ 71°42'59" (B1950) | DATE: 1980/111 - 1980/111 | NH: 1.5E+20
$11^h48^m27.0^s$ 71°26'19" (J2000) | LIVETIME: 1546.0s | REF/ID:
ℓ: 129.93 b: 44.82 | ROLL ANGLE: 31.5° | FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2515	1	11 40 43.9	71 58 02	47	*0.302	0.023	182.4	4.6	13.3	1.2	401	27.7	H	
2546	2	11 48 22.2	71 25 01	51	0.0423	0.0084	30.8	6.2	5.1	0.9	100	21.8	H	



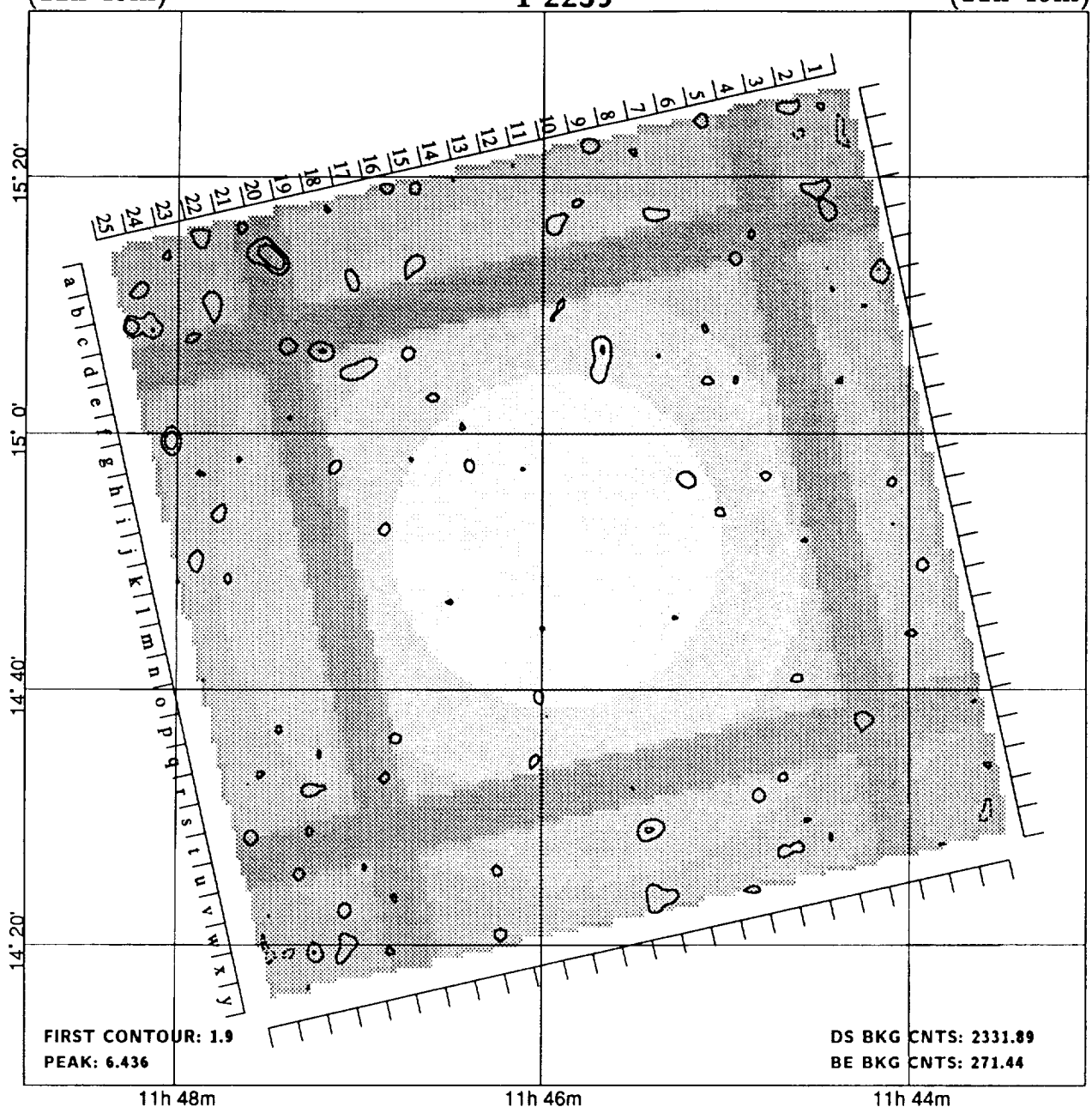
HD 102574,CORONAL ACTIVITY IN F,G, & K STARS

FIELD CENTER: $11^h45^m50.0^s$ $-10°02'00''$ (B1950)
$11^h48^m23.0^s$ $-10°18'41''$ (J2000)
ℓ: 278.60 b: 49.56

DATE: 1980/171 - 1980/171
LIVETIME: 1313.8s
ROLL ANGLE: 73.2°

NH: 2.9E+20
REF/ID:
FIELD FLAGS:

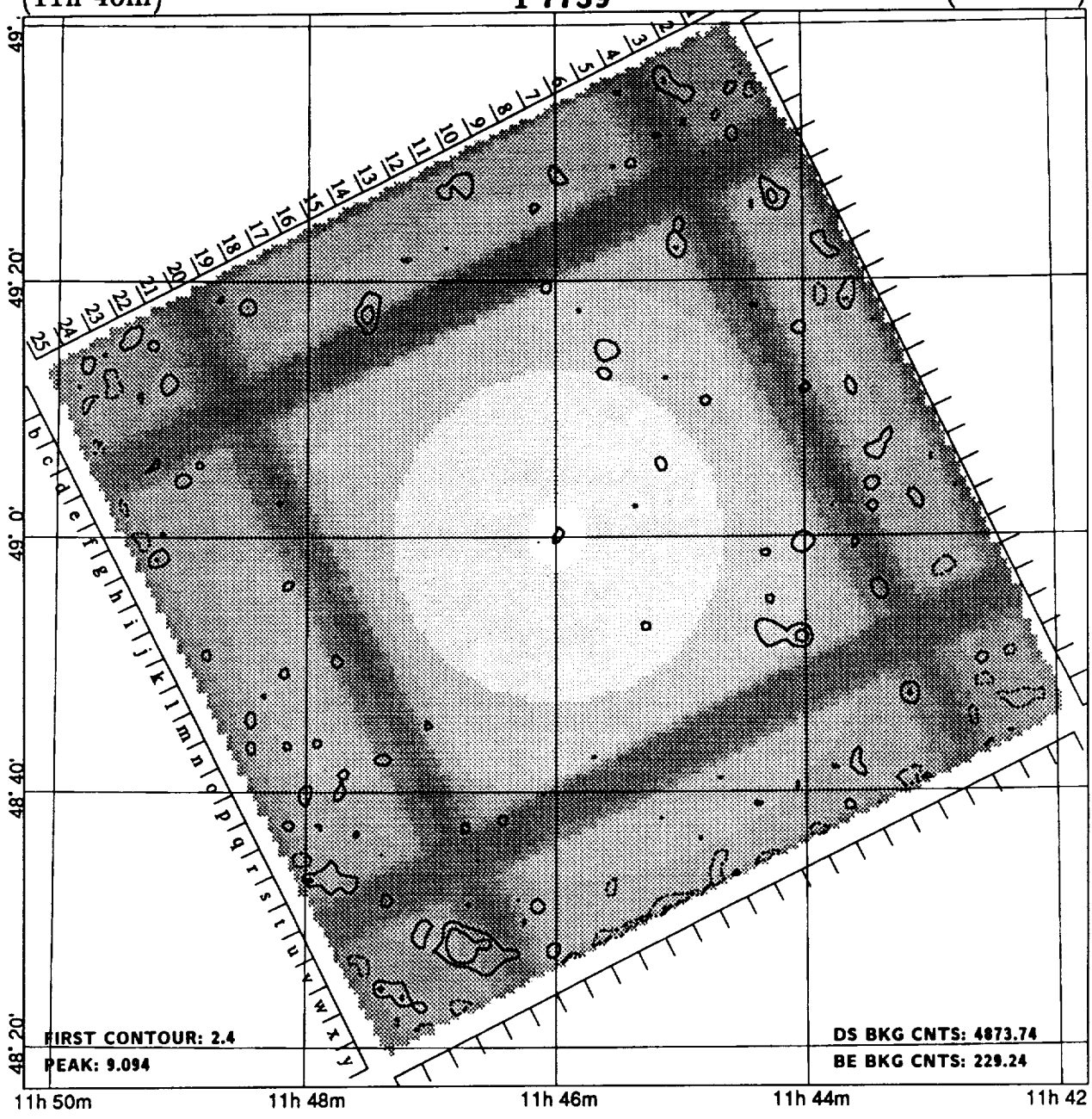
(11h 45m) **I 2239** (11h 45m)



STELLAR SURVEY-EARLY TYPE STARS: HD102647=BETA LEO

FIELD CENTER:	$11^h45^m56.0^s$ $14°50'59''$ (B1950)	**DATE:** 1980/178 - 1980/179	**NH:** 3.3E+20
	$11^h48^m30.7^s$ $14°34'19''$ (J2000)	**LIVETIME:** 1889.6s	**REF/ID:**
	ℓ: 250.37 b: 70.70	**ROLL ANGLE:** 77.3°	**FIELD FLAGS:**

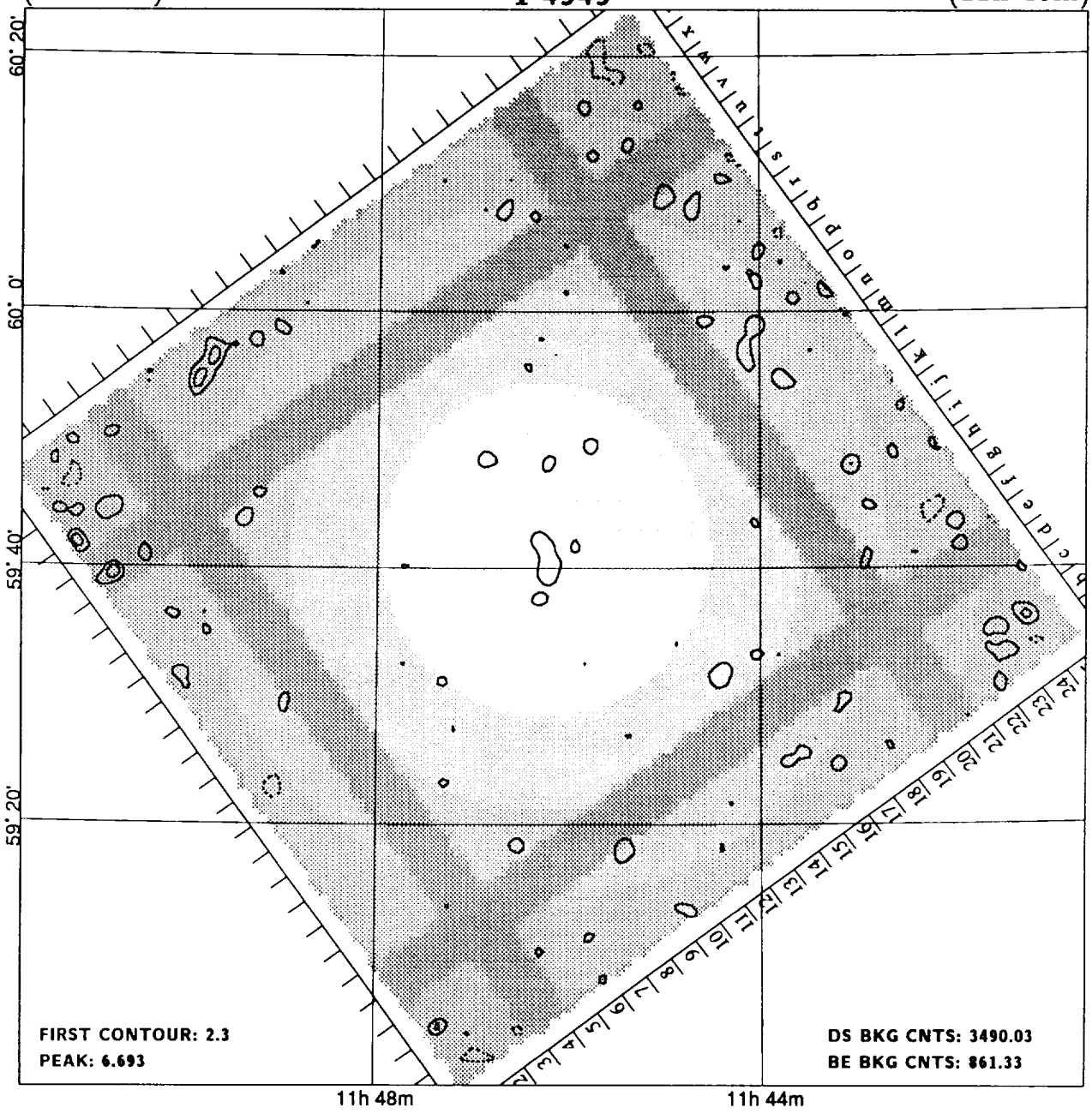
(11h 46m) **I 7759** (11h 46m)



N 3893/3896,BRIGHT NEARBY PAIRS OF GALAXIES

FIELD CENTER:	$11^h46^m00.0^s$ $48°58'59''$ (B1950)	**DATE:** 1980/154 - 1980/154	**NH:** 2.2E+20
	$11^h48^m38.0^s$ $48°42'19''$ (J2000)	**LIVETIME:** 3949.3s	**REF/ID:**
	ℓ: 148.16 b: 65.23	**ROLL ANGLE:** 63.5°	**FIELD FLAGS:**

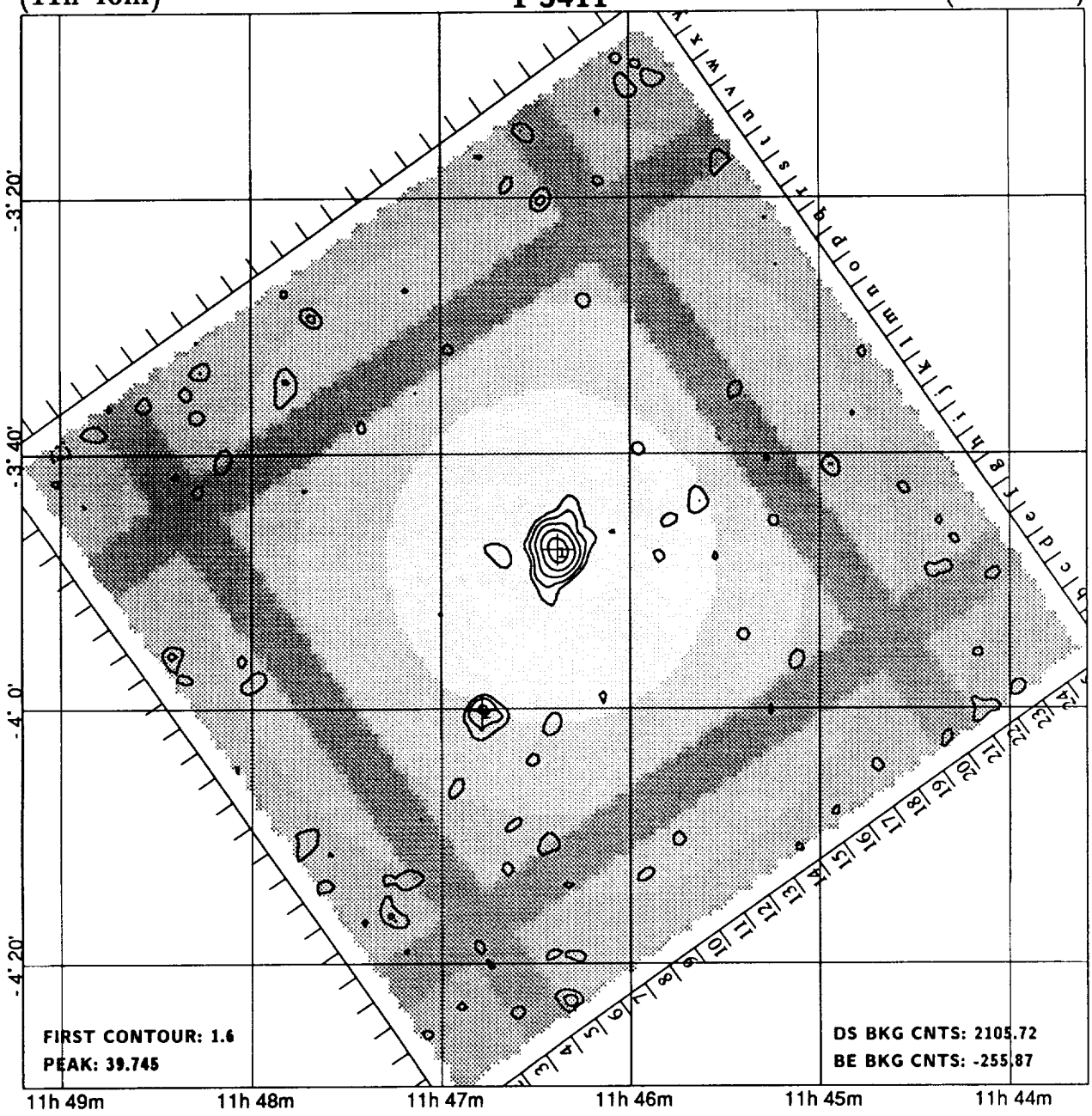
(11h 46m) **I 4949** (11h 46m)



NGC3894,INTERACTING GALAXIES WITH COMPACT RADIO NUCLEI

FIELD CENTER:	$11^h46^m10.3^s$ 59°41′36″ (B1950)	DATE: 1979/324 - 1979/324	NH: 1.7E+20
	$11^h48^m50.2^s$ 59°24′56″ (J2000)	LIVETIME: 2828.1s	REF/ID: !
	ℓ: 137.12 b: 55.95	ROLL ANGLE: -126.2°	FIELD FLAGS:

(11h 46m) **I 5411** (11h 46m)



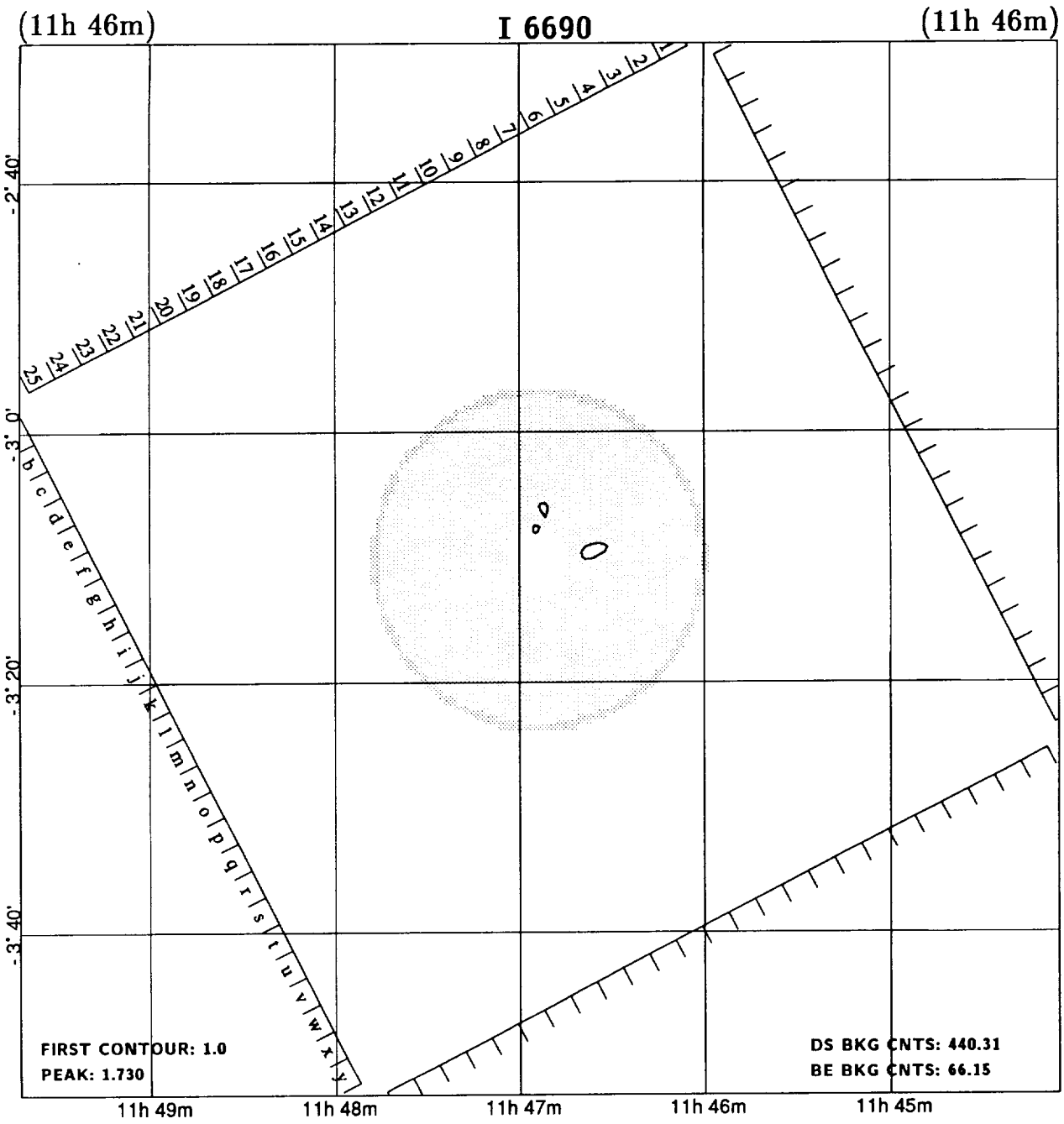
1146-037,QSO'S WITH RADIO FLAT SPECTRUM

FIELD CENTER: $11^h46^m23.9^s$ $-03°47'29''$ (B1950)
$11^h48^m57.4^s$ $-04°04'10''$ (J2000)
ℓ: 274.75 b: 55.35

DATE: 1981/ 6 - 1981/ 6
LIVETIME: 1706.3s
ROLL ANGLE: -125.1°

NH: 2.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2537	1	11 46 23.1	-03 47 28	31	0.135	0.010	171.3	4.7	12.9	1.3	0	0.2	H	Q
2538	2	11 46 47.1	-04 00 08	42	0.0183	0.0046	19.4	4.6	4.0	1.1	0	13.7	H	



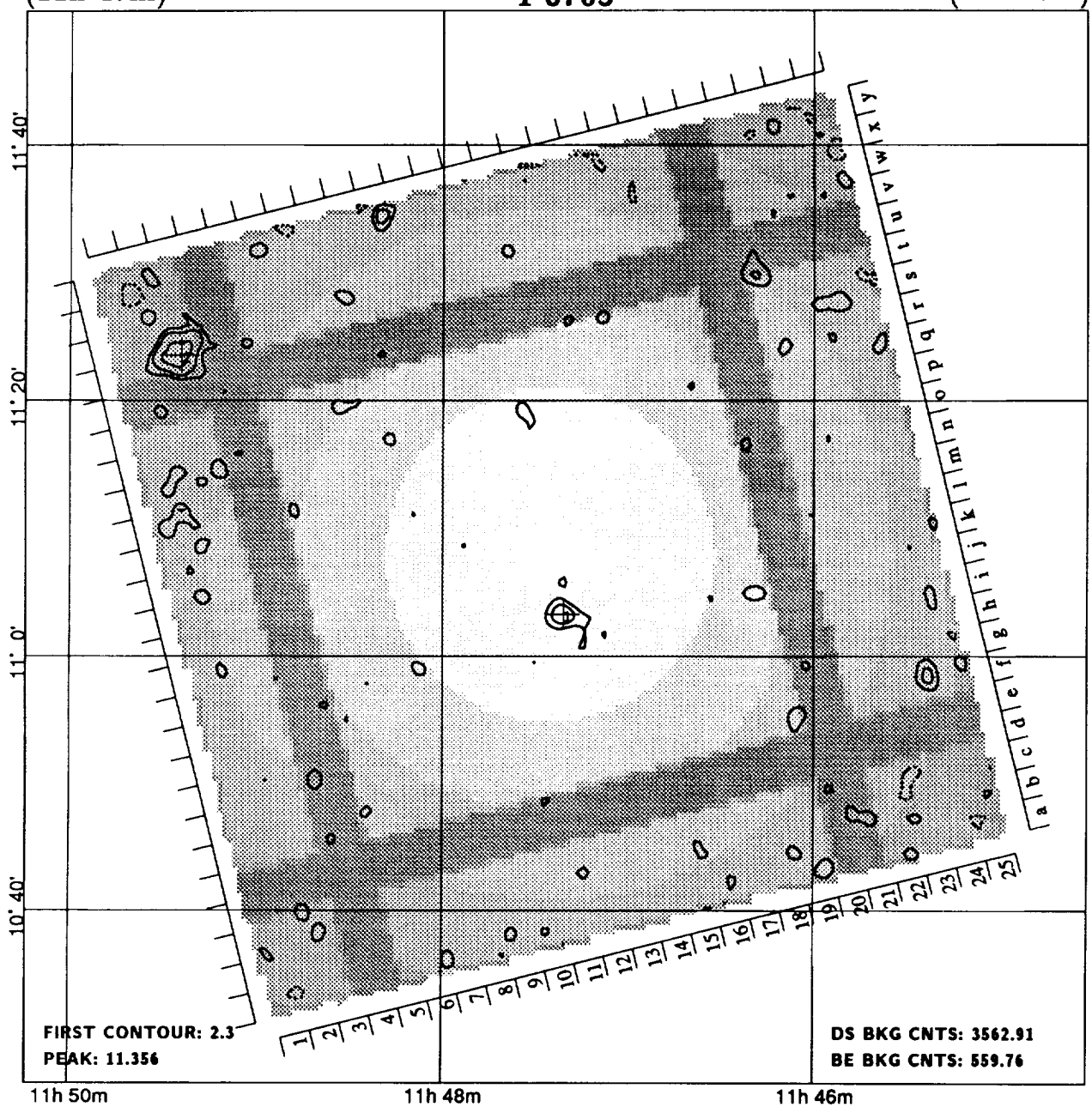
MKW 3: CD GALAXIES IN POOR CLUSTERS

FIELD CENTER: $11^h46^m54.0^s$ -03°10'59" (B1950)
$11^h49^m27.5^s$ -03°27'40" (J2000)
ℓ: 274.49 b: 55.95

DATE: 1980/175 - 1980/176
LIVETIME: 356.8s
ROLL ANGLE: 62.8°

NH: 2.3E+20
REF/ID:
FIELD FLAGS:

(11h 47m) **I 8705** (11h 47m)



TARGET 4: REGIONS OF INTENSE STAR FORMATION

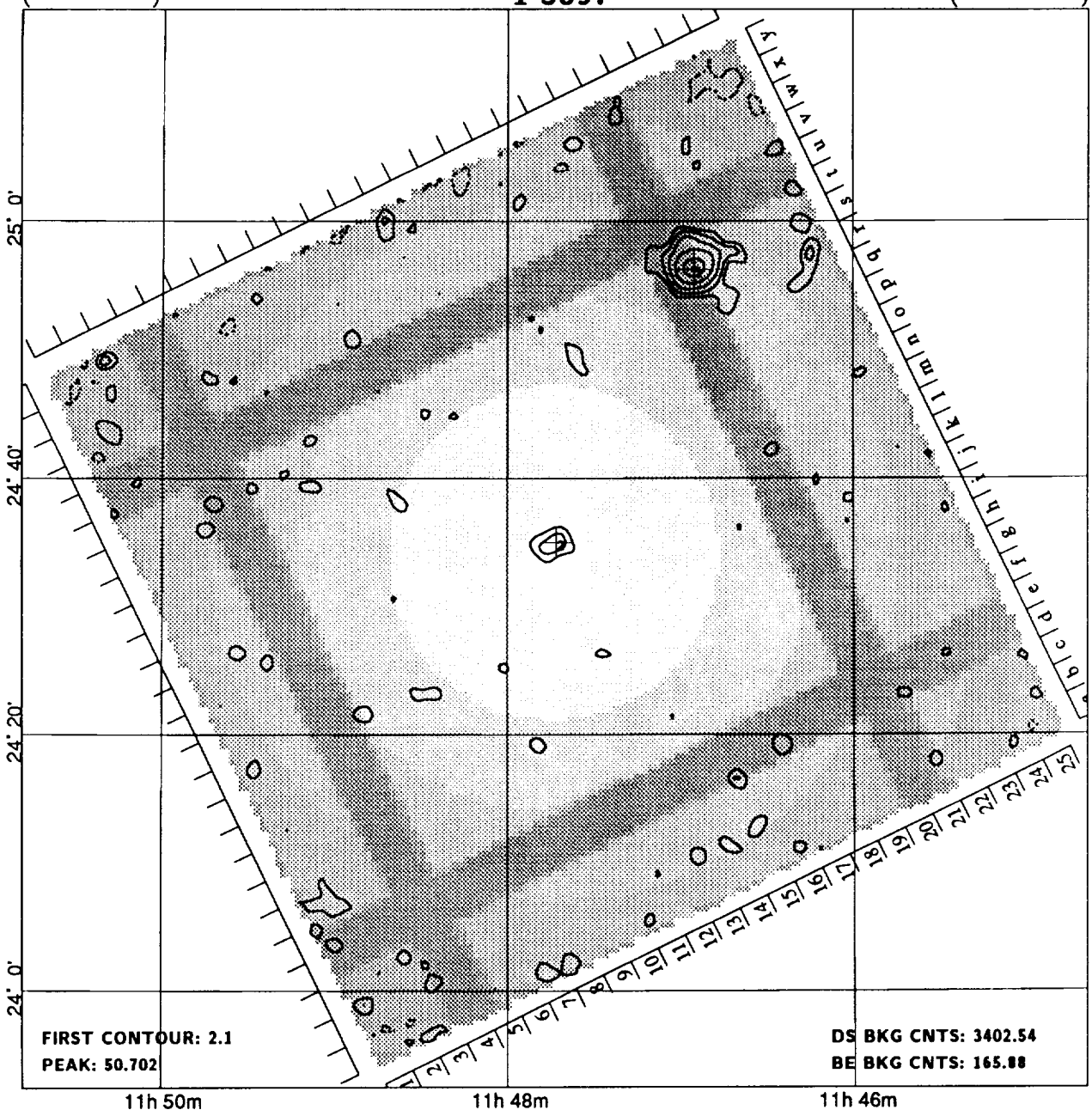
FIELD CENTER: $11^h47^m23.0^s$ $11°08'29''$ (B1950) | $11^h49^m57.4^s$ $10°51'49''$ (J2000) | ℓ: 258.34 b: 68.24

DATE: 1980/347 - 1980/347 | **LIVETIME:** 2887.2s | **ROLL ANGLE:** -104.0°

NH: 2.5E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2540	1	11 47 20.9	11 03 23	42	0.0122	0.0029	25.3	10.7	4.2	0.8	0	5.2		
2552	2	11 49 24.4	11 23 34	55	*0.0337	0.0068	29.1	4.9	5.0	1.4	1003	33.1	H	

(11h 47m) **I 3897** (11h 47m)



1147+245, BL-LAC OBJECT

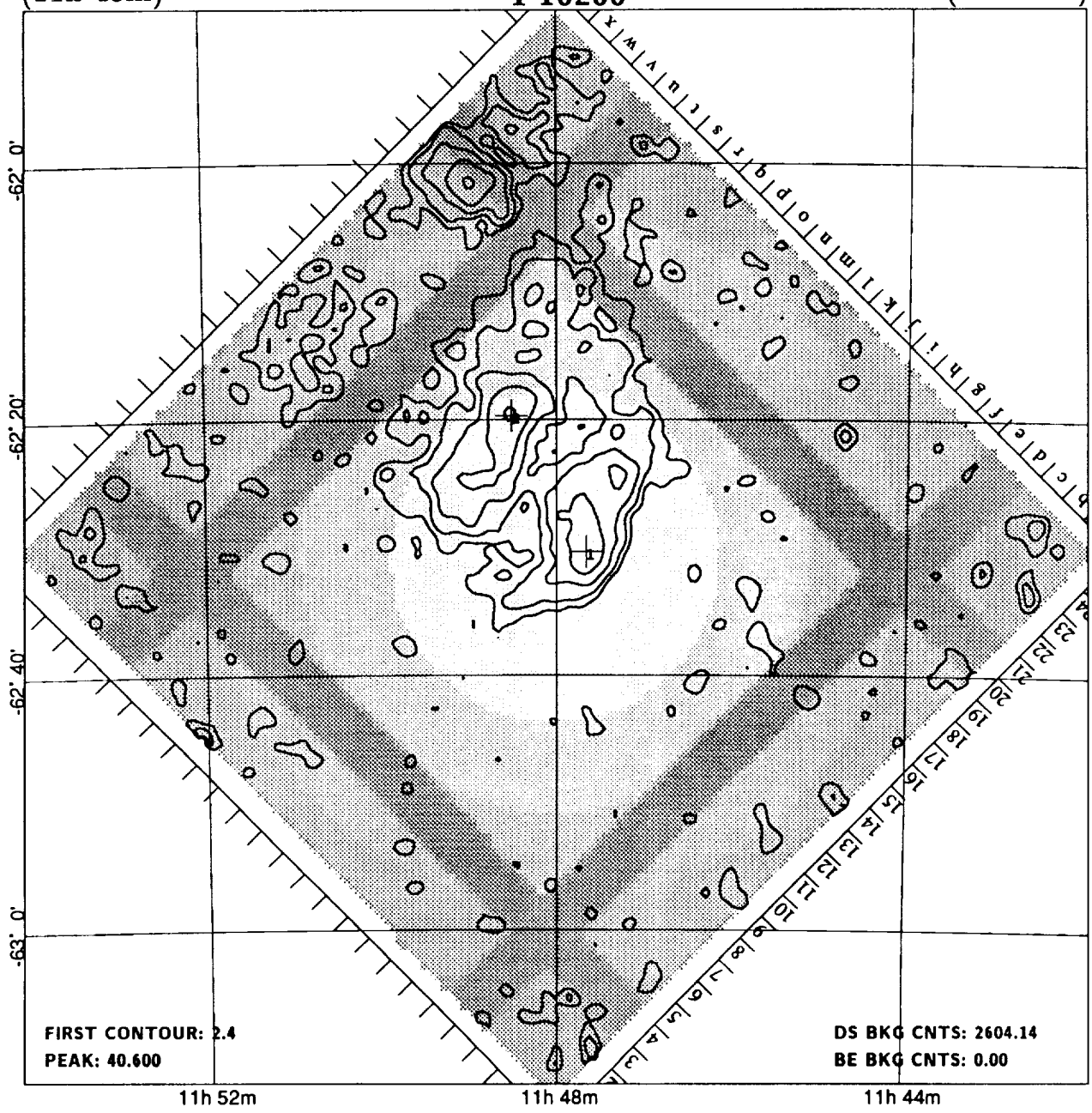
FIELD CENTER: $11^h47^m44.0^s$ $24°34'33''$ **(B1950)**
$11^h50^m19.2^s$ $24°17'52''$ **(J2000)**
ℓ: **221.15** b: **75.96**

DATE: 1979/341 - 1979/341
LIVETIME: 2757.2s
ROLL ANGLE: -116.0°

NH: 1.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2539	1	11 46 55.0	24 56 16	48	*0.0984	0.0092	118.1	3.9	10.7	1.5	1208	24.3	H	
2542	2	11 47 43.1	24 35 01	36	0.0122	0.0028	25.1	8.9	4.3	0.8	0	0.2		BL

(11h 48m) **I 10200** (11h 48m)



DIFFUSE ARC,FOLLOW-UP OF CG295+0 REGION

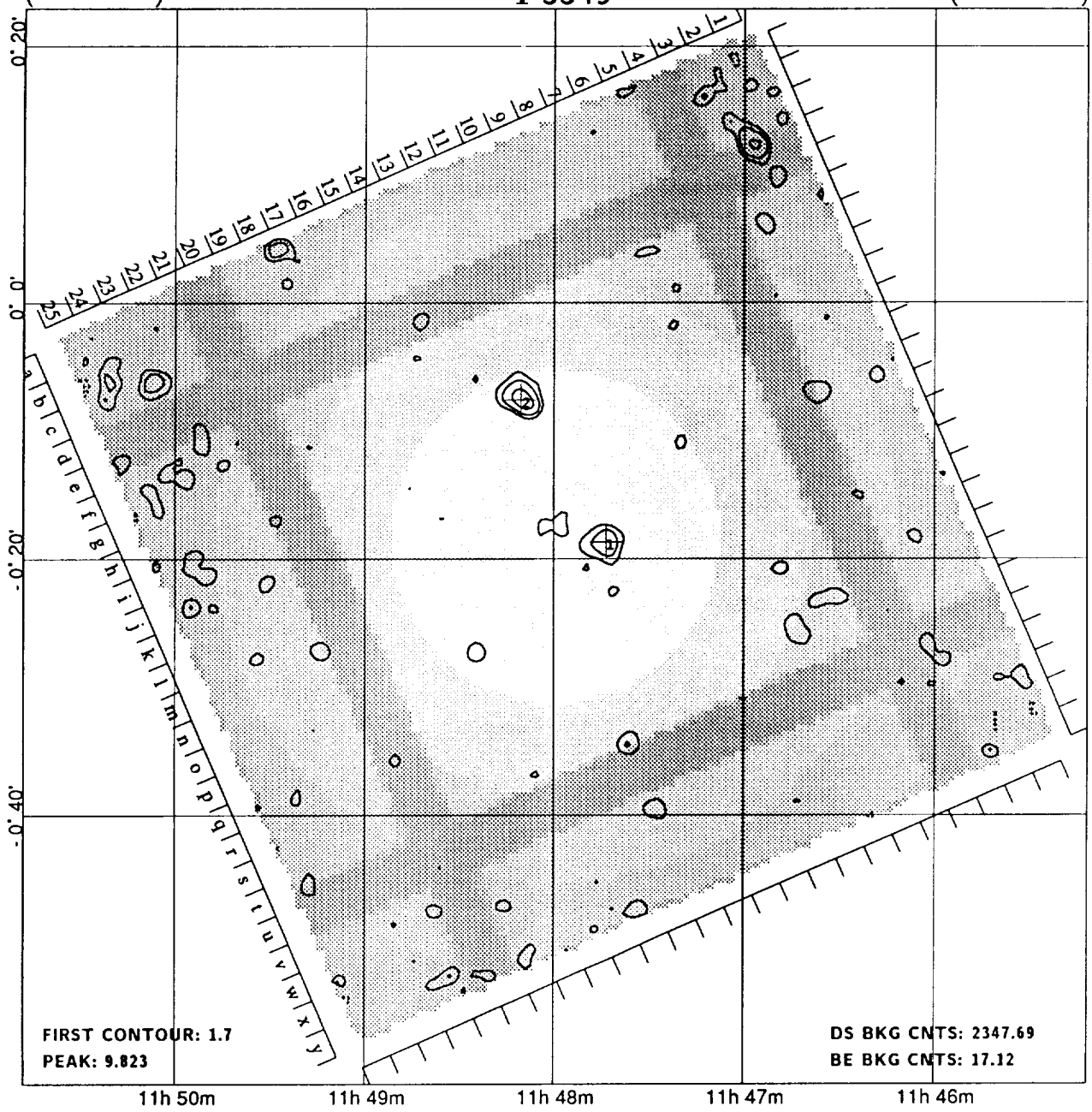
FIELD CENTER: $11^h48^m00.0^s$ $-62°29'59''$ (B1950) | $11^h50^m27.7^s$ $-62°46'41''$ (J2000) | ℓ: 296.02 b: -0.73

DATE: 1981/ 26 - 1981/ 26 | **LIVETIME:** 2110.2s | **ROLL ANGLE:** -135.0°

NH: 1.4E+21 | **REF/ID:** SNR | **FIELD FLAGS:** LS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2541	1L	11 47 39.7	-62 30 19	31	0.067	0.011	104.3	77.7	6.3	17.1	0	2.4		
2548	2L	11 48 30.8	-62 19 41	38	0.048	0.012	65.0	106.0	3.9	14.6	0	10.9		

(11h 48m) **I 3549** (11h 48m)



A 1392, MAGNETIC FIELDS IN CLUSTERS OF GALAXIES

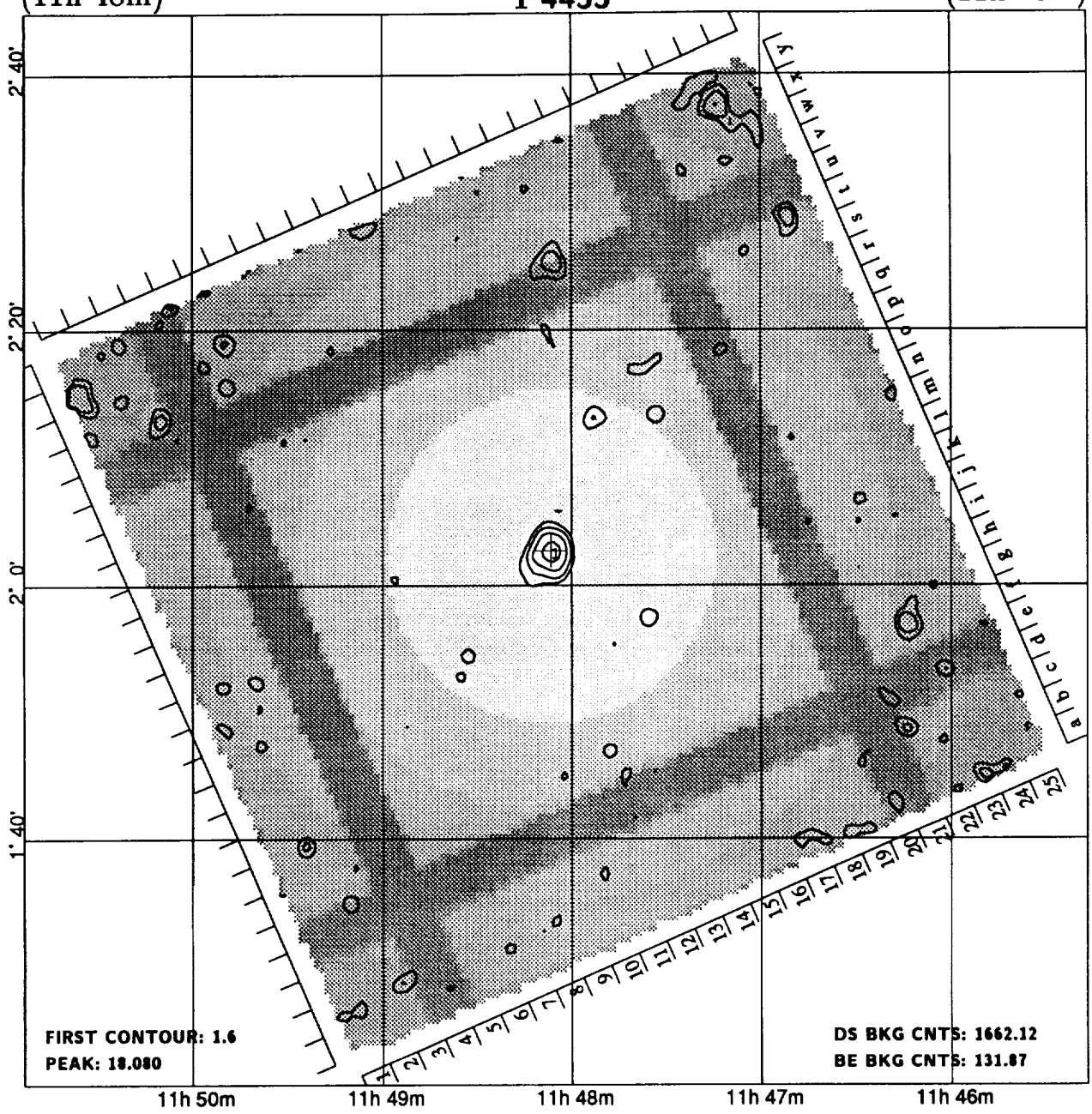
FIELD CENTER: $11^h48^m00.0^s$ -00°18'59" (B1950) | $11^h50^m33.7^s$ -00°35'41" (J2000) | ℓ: 272.63 b: 58.65

DATE: 1979/171 - 1979/171 | **LIVETIME:** 1902.4s | **ROLL ANGLE:** 66.5°

NH: 2.2E+20 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2543	1	11 47 43.4	-00 18 40	37	0.0175	0.0040	24.1	5.9	4.4	1.0	0	3.9	H	
2545	2	11 48 10.4	-00 07 31	41	0.0274	0.0050	34.0	5.0	5.4	1.1	0	12.3	H	

(11h 48m) **I 4455** (11h 48m)



BETA VIR, CORRELLATION OF X RAYS WITH STELLAR WIND AND ROTATION

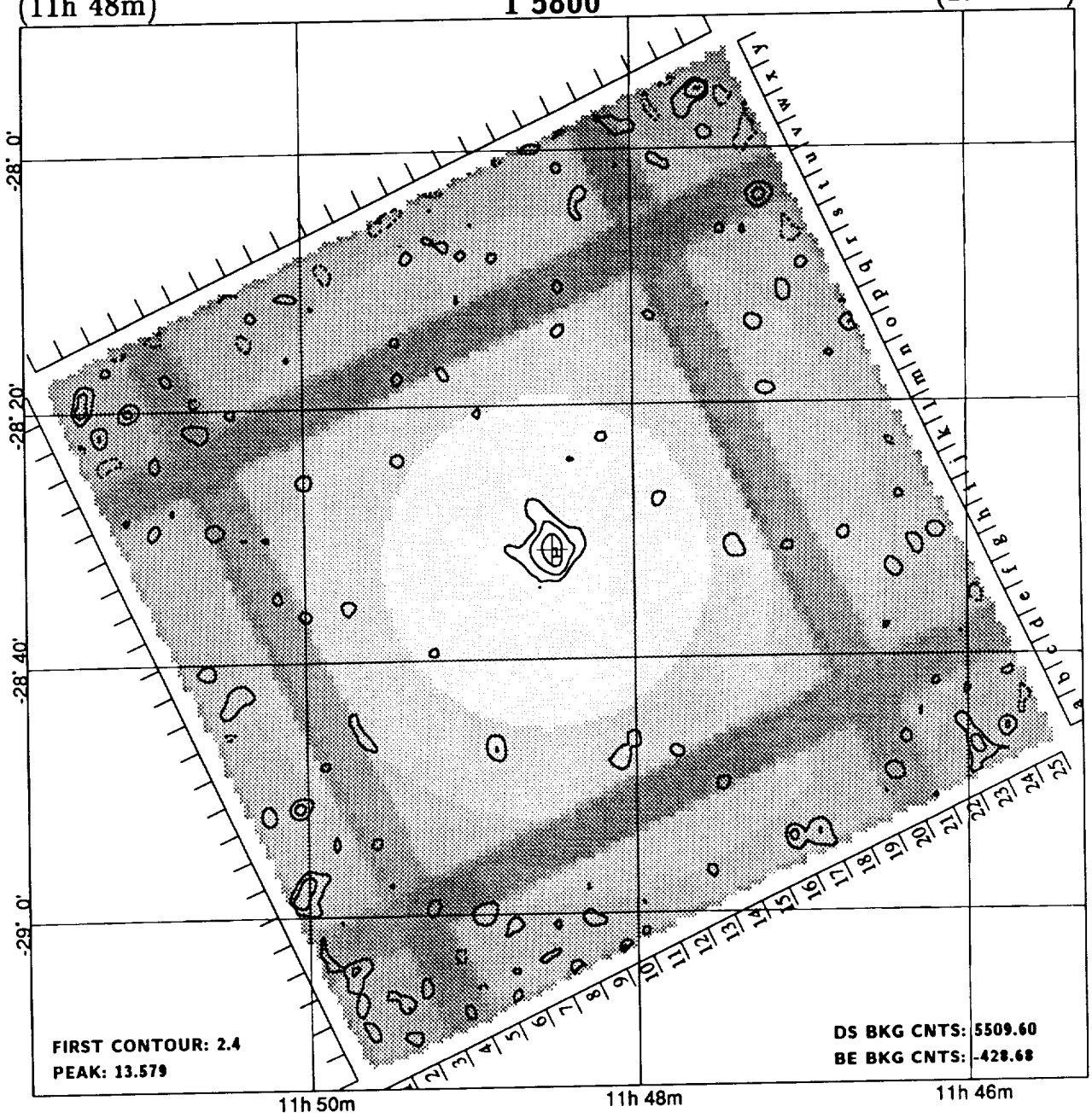
FIELD CENTER: $11^h48^m05.0^s$ $02°02'46''$ (B1950)
$11^h50^m38.8^s$ $01°46'05''$ (J2000)
ℓ: 270.50 b: 60.75

DATE: 1979/354 - 1979/354
LIVETIME: 1346.9s
ROLL ANGLE: -113.4°

NH: 2.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2544	1	11 48 06.5	02 02 43	32	0.0723	0.0087	72.6	4.4	8.3	1.2	0	0.7	H	S

(11h 48m) **I 5800** (11h 48m)



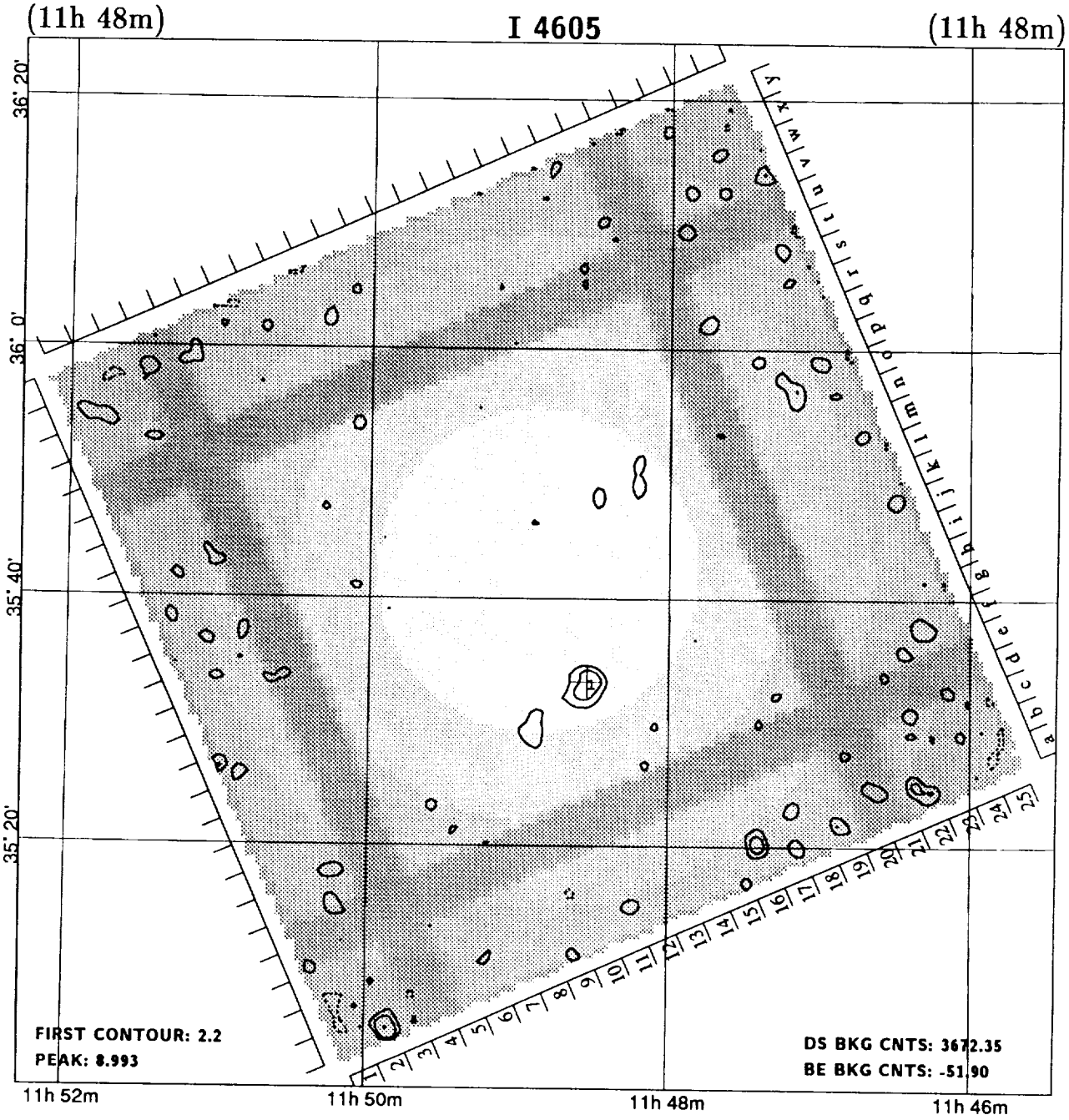
NORMAL GALAXIES: N3923

FIELD CENTER: $11^h48^m30.0^s$ $-28°31'41''$ (B1950)
$11^h51^m02.1^s$ $-28°48'23''$ (J2000)
ℓ: 287.28 b: 32.22

DATE: 1980/363 - 1980/364
LIVETIME: 4464.6s
ROLL ANGLE: -115.3°

NH: 6.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2547	1	11 48 29.8	-28 31 23	35	0.0180	0.0026	59.8	12.2	7.0	1.7	0	0.4	H	G



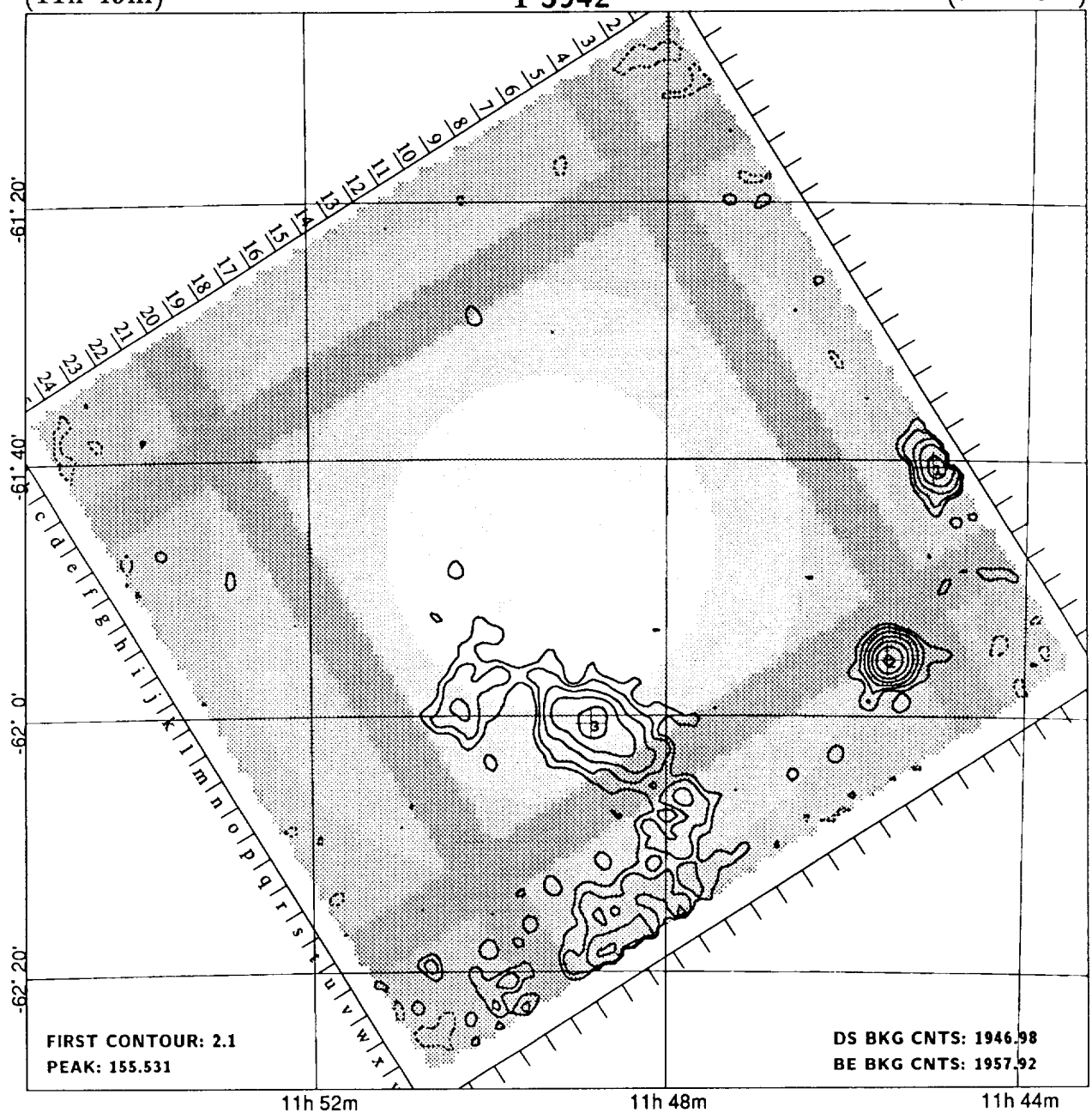
MKN 431: S-TYPE MARKARIAN GALAXY

FIELD CENTER: $11^h48^m51.8^s$ $35°42'32''$ (B1950)
$11^h51^m27.6^s$ $35°25'51''$ (J2000)
ℓ: 176.25 b: 74.76

DATE: 1979/346 - 1979/346
LIVETIME: 2975.8s
ROLL ANGLE: -113.7°

NH: 1.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2549	1	11 48 32.6	35 33 14	42	0.0152	0.0031	30.3	7.7	4.9	1.2	0	9.6	H	S



COS-B GAMMA RAY SOURCE REGION CC

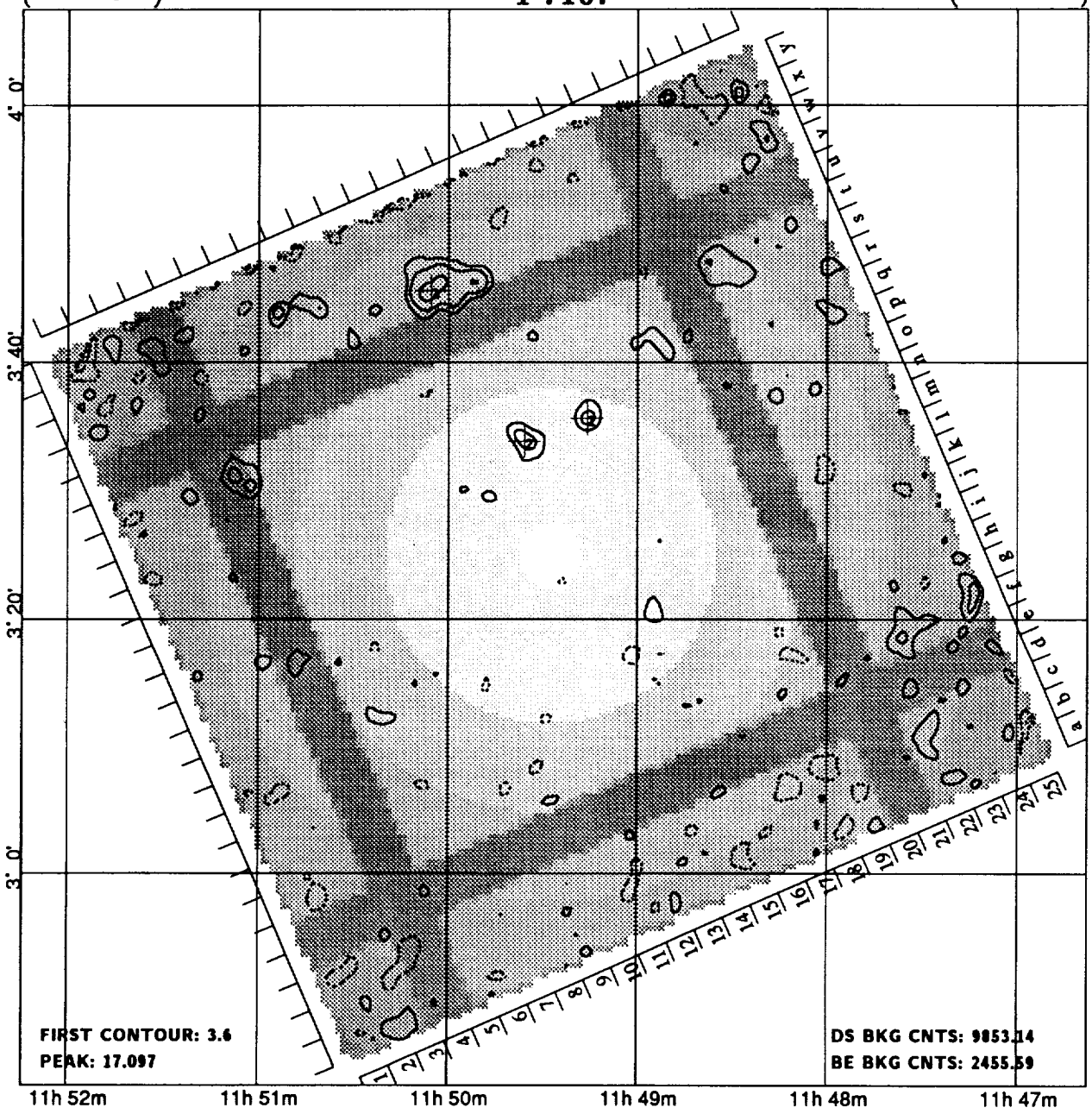
FIELD CENTER: $11^h49^m15.0^s$ -61°47′11″ (B1950) | $11^h51^m43.5^s$ -62°03′53″ (J2000) | ℓ: 296.00 b: 0.00

DATE: 1979/194 - 1979/194 | **LIVETIME:** 1577.7s | **ROLL ANGLE:** 58.0°

NH: 1.3E+21 | **REF/ID:** SNR | **FIELD FLAGS:** L

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2531	1L	11 45 02.8	-61 40 32	48	*0.129	0.022	74.2	26.0	5.7	1.3	401	30.7	I	P
2535	2L	11 45 32.0	-61 55 36	47	*0.493	0.037	295.6	2.7	13.3	1.1	802	27.6	A	*
2550	3L	11 48 51.0	-62 00 38	38	0.101	0.019	96.3	108.7	5.3	5.7	0	14.1		

(11h 49m) **I 7107** (11h 49m)



SATURN

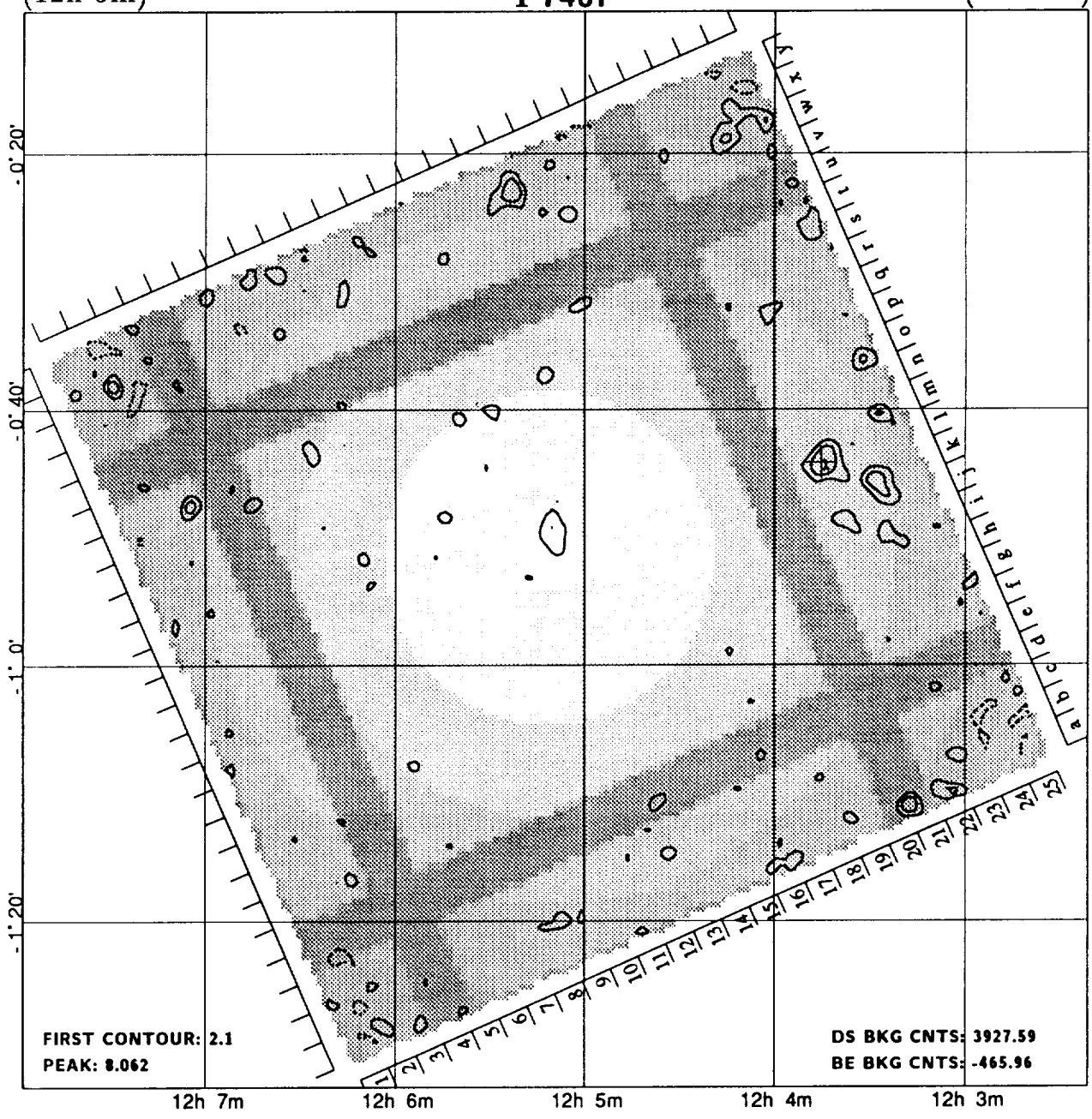
FIELD CENTER: $11^h49^m26.1^s$ $03°25'29''$ (B1950)
$11^h52^m00.0^s$ $03°08'48''$ (J2000)
ℓ: 269.73 b: 62.12

DATE: 1979/351 - 1979/351
LIVETIME: 7984.4s
ROLL ANGLE: -113.5°

NH: 2.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2551	1	11 49 16.0	03 35 36	42	0.0054	0.0014	28.0	28.0	3.7	0.8	0	10.5		
2553	2	11 49 35.9	03 33 49	42	0.0064	0.0015	34.6	31.4	4.3	0.9	0	8.9	H	
2554	3	11 50 05.6	03 45 35	51	0.0154	0.0023	57.1	18.9	6.5	2.1	200	22.7	H	

(12h 5m) **I 7487** (12h 5m)



1205-00,SURVEY OF X-RAY EMISSION FROM BL LAC OBJECTS

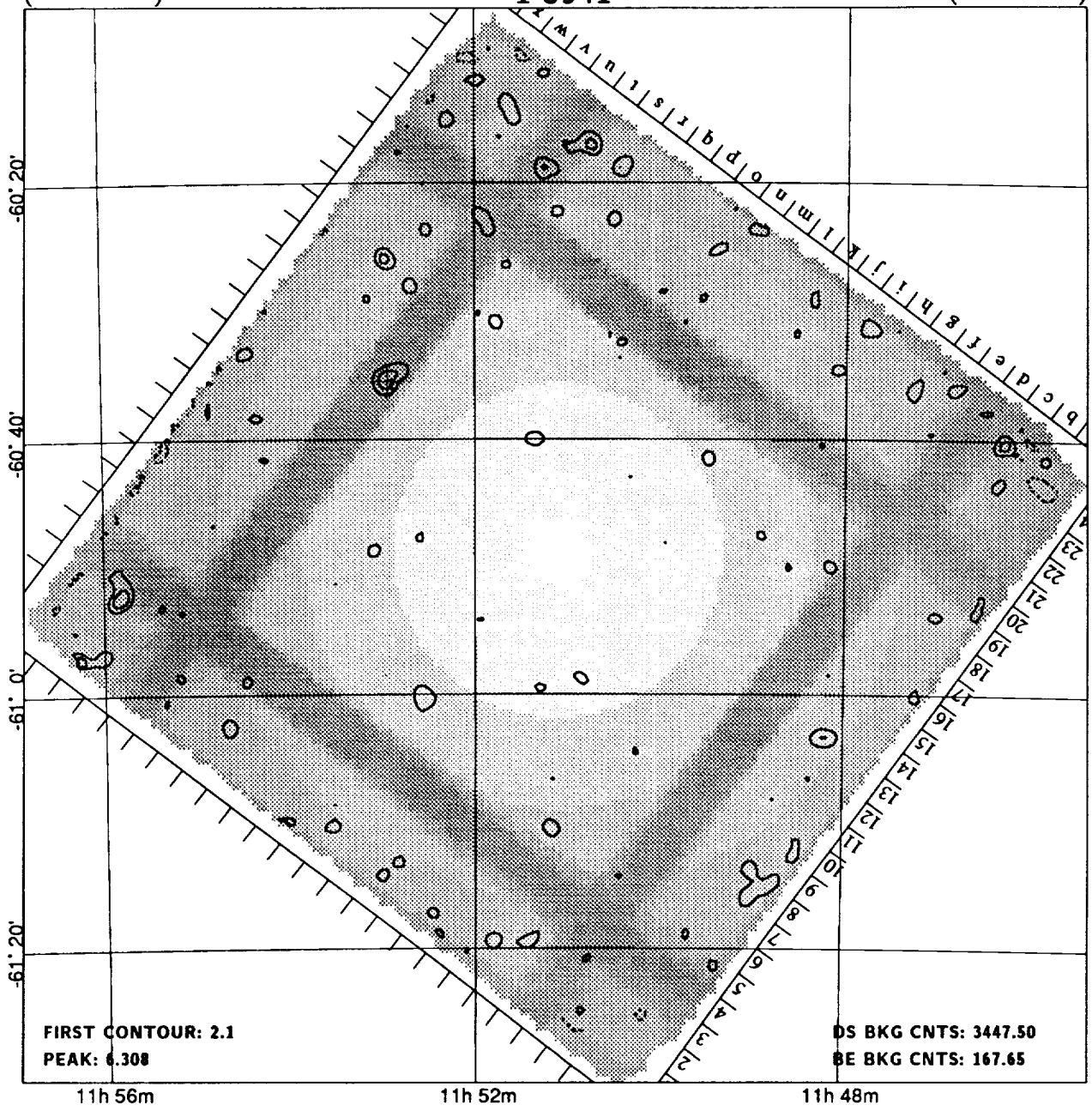
FIELD CENTER: $12^h05^m09.5^s$ -00°50′59″ (B1950)
$12^h07^m43.3^s$ -01°07′41″ (J2000)
ℓ: 280.76 b: 59.85

DATE: 1981/ 7 - 1981/ 7
LIVETIME: 3182.6s
ROLL ANGLE: -113.6°

NH: 2.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2586	1	12 03 45.2	-00 44 10	55	0.0137	0.0035	20.3	6.7	3.9	1.0	0	22.2	H	

(11h 51m) **I 3941** (11h 51m)



COS-B GAMMA RAY SOURCE REGION CC

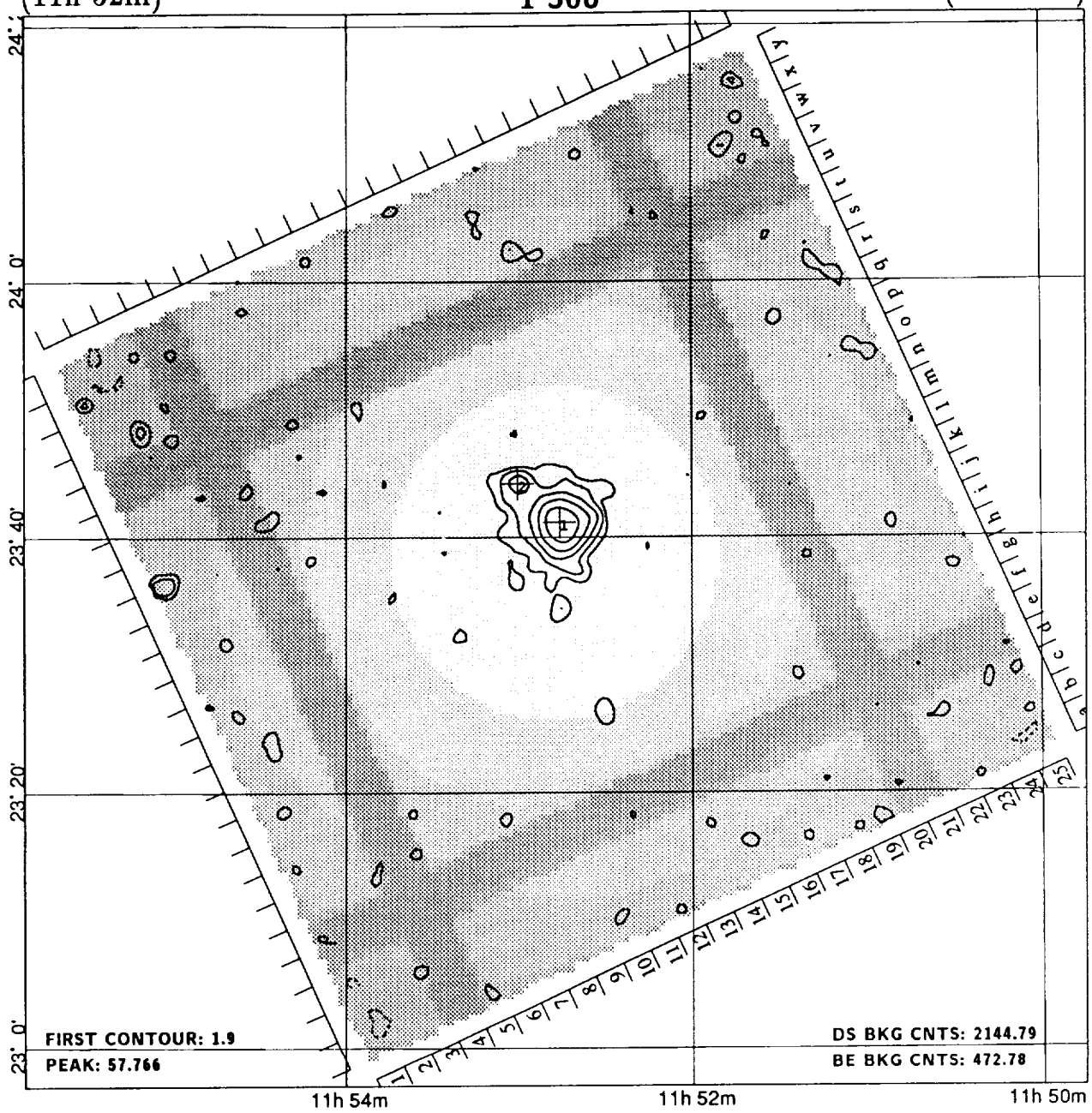
FIELD CENTER: $11^h51^m07.0^s$ -60°48′23″ (B1950) | $11^h53^m36.7^s$ -61°05′05″ (J2000) | ℓ: 296.00 b: 1.01

DATE: 1980/ 36 - 1980/ 39 | **LIVETIME:** 2793.6s | **ROLL ANGLE:** -143.2°

NH: 1.3E+21 | **REF/ID:** | **FIELD FLAGS:**

CAT #	FLD #	RA (1950)	DEC (1950)	± ″	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2556	1	11 52 56.3	-60 35 31	55	*0.0116	0.0031	17.1	3.9	3.7	0.8	1409	18.5		

(11h 52m) **I 308** (11h 52m)



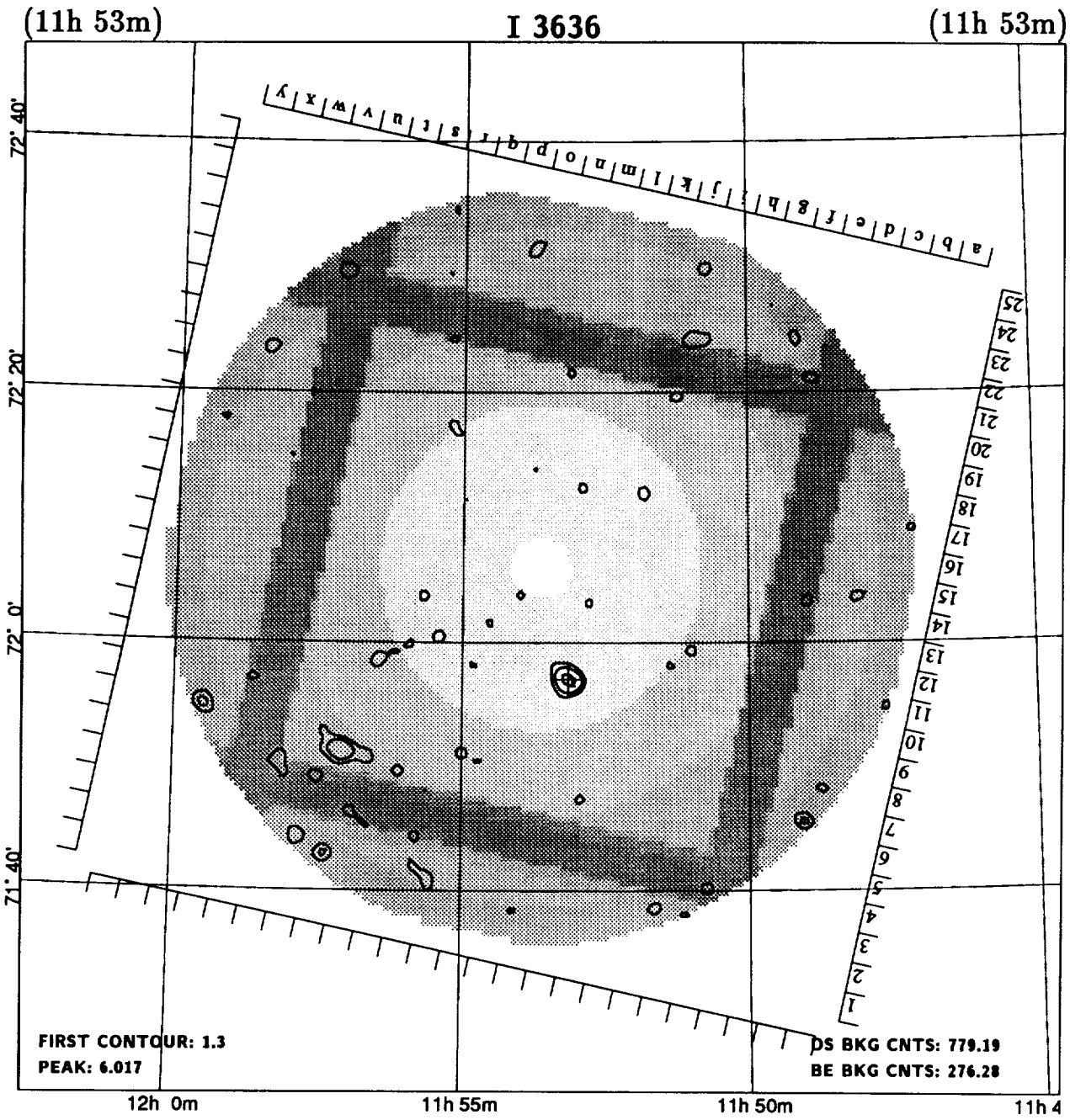
A 1413 CLUSTERS WITH WELL STUDIED OPTICAL PROPERTIES

FIELD CENTER: $11^h52^m48.0^s$ $23°38'59''$ (B1950)
$11^h55^m22.5^s$ $23°22'18''$ (J2000)
ℓ: 226.35 b: 76.79

DATE: 1978/358 - 1978/358
LIVETIME: 1738.0s
ROLL ANGLE: -114.5°

NH: 2.0E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2555	1	11 52 45.7	23 41 09	31	0.208	0.013	265.2	6.8	16.1	2.1	0	2.0	H	CLG
2557	2	11 53 00.4	23 44 12	41	0.0316	0.0055	38.6	6.4	5.8	13.1	0	5.9	H	



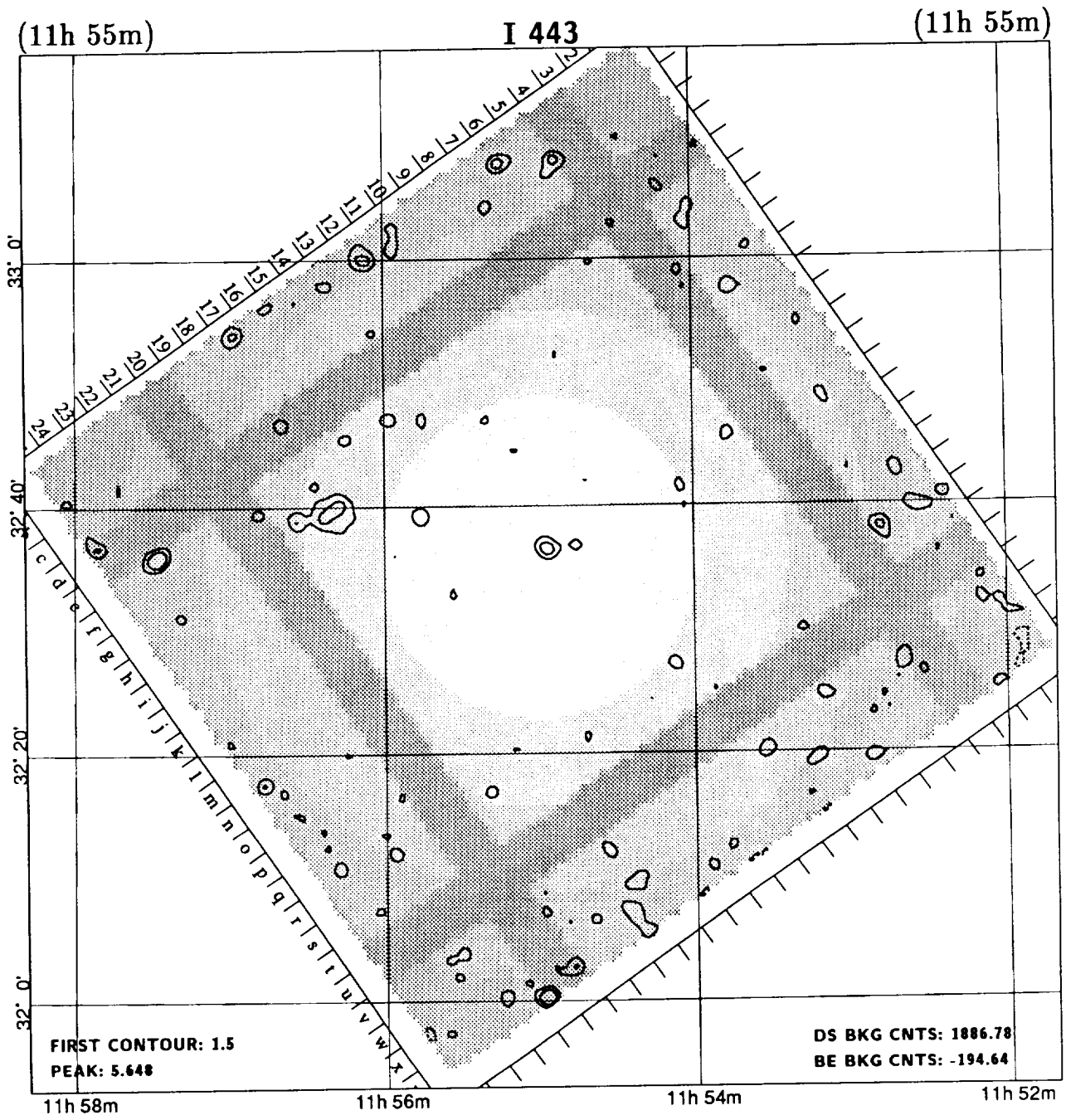
2A 1150+720, UNIDENTIFIED HIGH LATITUDE SOURCE

FIELD CENTER: $11^h53^m36.0^s$ $72°05'59''$ (B1950)
$11^h56^m14.3^s$ $71°49'17''$ (J2000)
ℓ: 128.94 b: 44.66

DATE: 1979/278 - 1979/278
LIVETIME: 631.4s
ROLL ANGLE: -167.7°

NH: 1.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R′	SRC FLG	ID
2558	1	11 53 09.2	71 57 01	42	0.048	0.011	20.5	2.5	4.3	0.8	0	9.2	H	

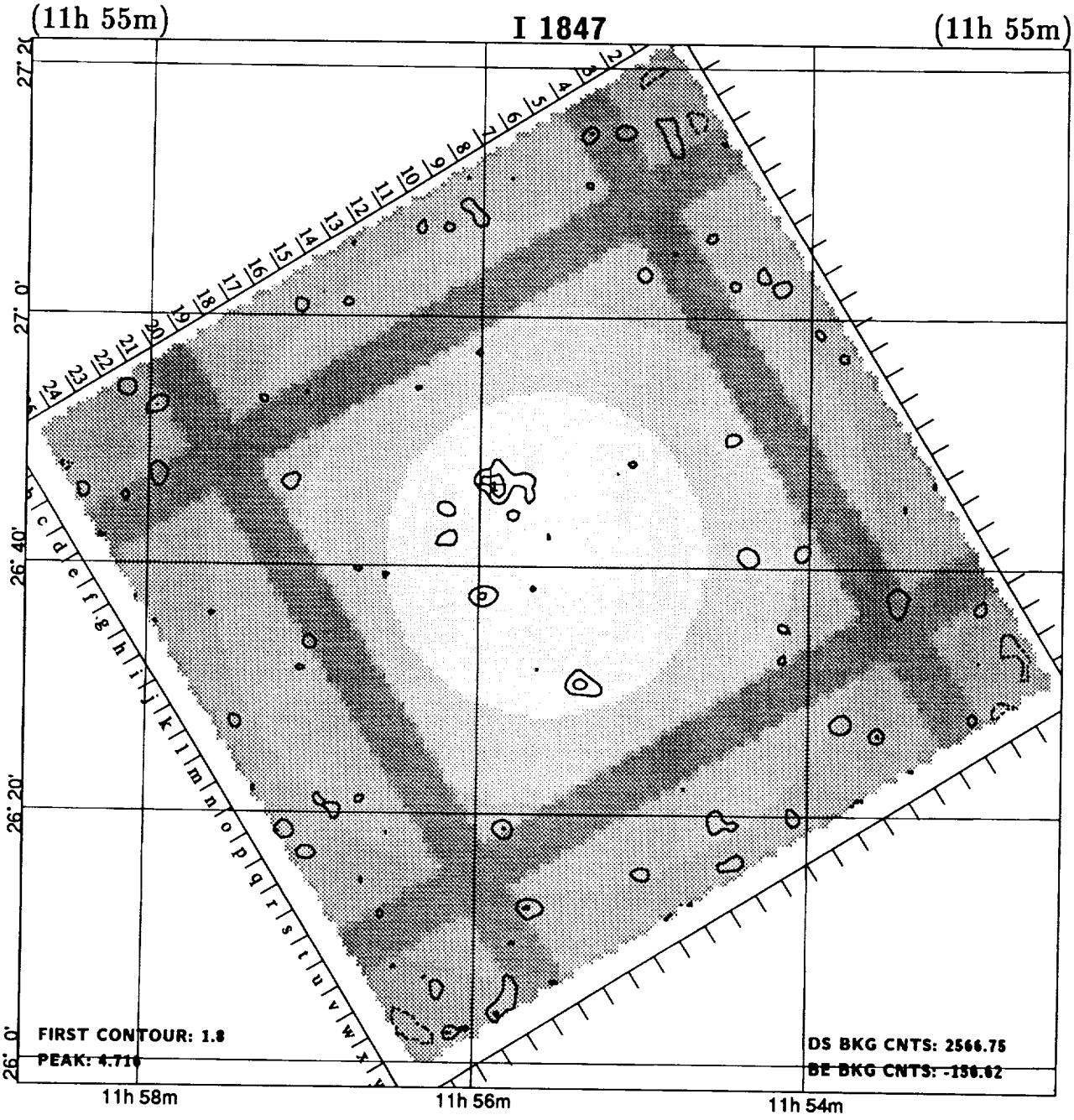


NGC 3991/94/95 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $11^h55^m00.0^s$ $32°34'59''$ (B1950)
$11^h57^m34.4^s$ $32°18'17''$ (J2000)
ℓ: 185.81 b: 77.22

DATE: 1979/141 - 1979/141
LIVETIME: 1528.9s
ROLL ANGLE: 55.4°

NH: 1.7E+20
REF/ID: !
FIELD FLAGS:



A1425: X-RAY STUDY OF CLUSTERS OF GALAXIES

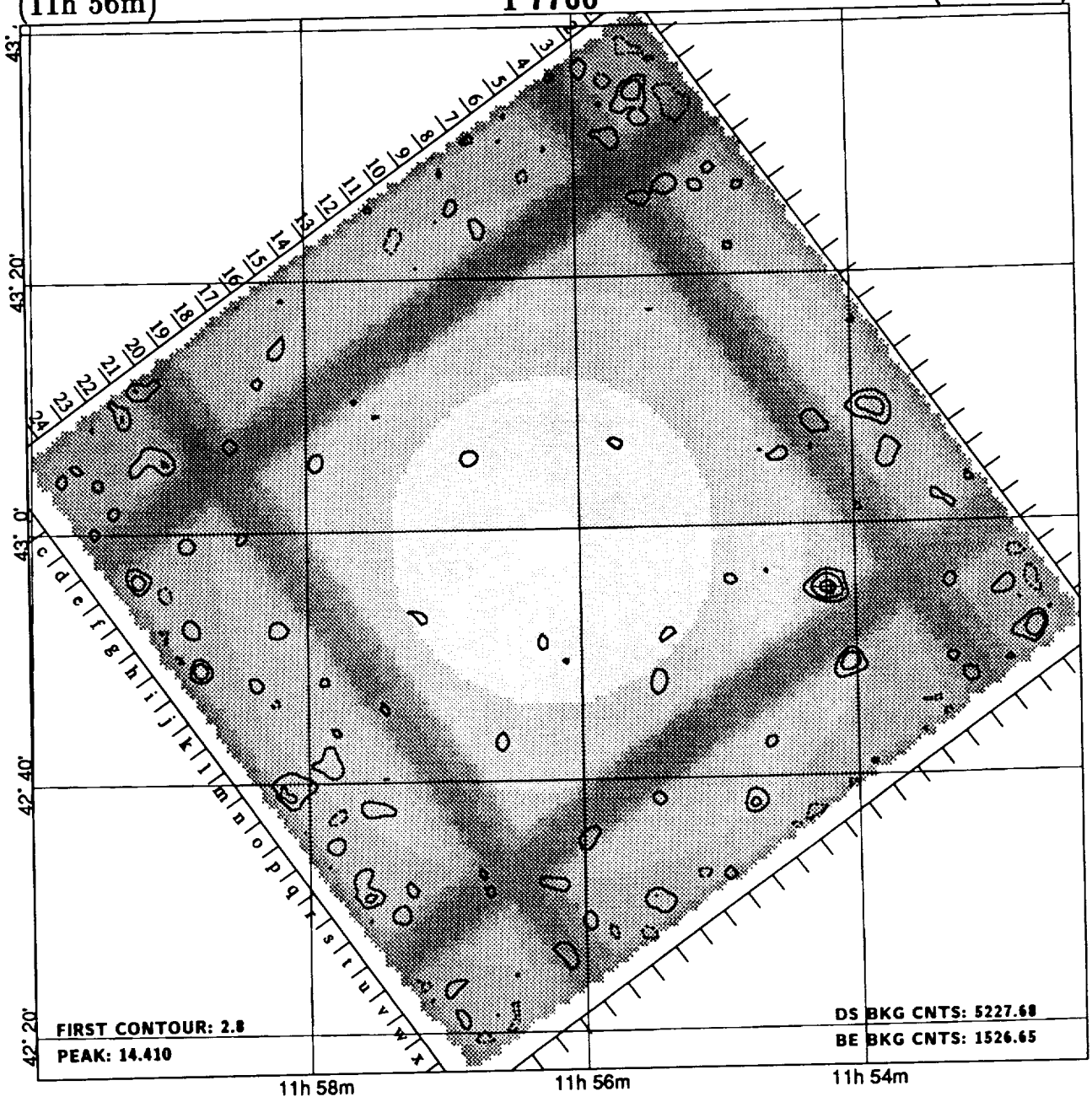
FIELD CENTER: $11^h55^m36.0^s$ $26°39'59''$ (B1950)
$11^h58^m10.2^s$ $26°23'17''$ (J2000)
ℓ: 213.47 b: 78.09

DATE: 1979/145 - 1979/145
LIVETIME: 2079.9s
ROLL ANGLE: 58.3°

NH: 1.7E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2563	1	11 55 56.3	26 46 29	46	0.0137	0.0036	19.8	7.2	3.8	1.3	0	8.2	H	

(11h 56m) **I 7760** (11h 56m)



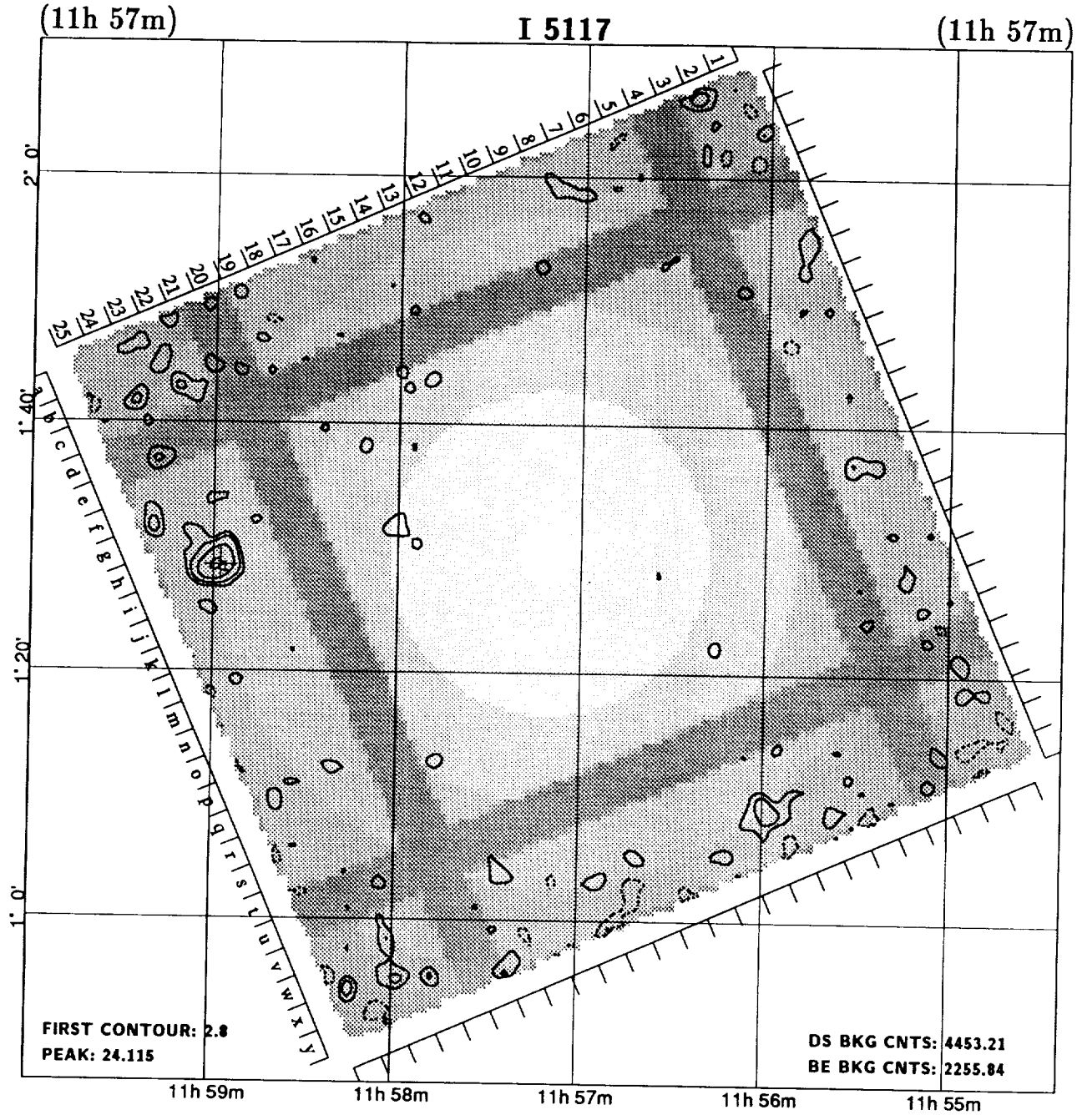
IC 749/750,BRIGHT NEARBY PAIRS OF GALAXIES

FIELD CENTER: $11^h56^m12.0^s$ $42°58'59''$ (B1950)
$11^h58^m46.4^s$ $42°42'17''$ (J2000)
ℓ: 154.04 b: 71.10

DATE: 1980/131 - 1980/132
LIVETIME: 4388.3s
ROLL ANGLE: 54.4°

NH: 1.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2559	1	11 54 12.7	42 54 55	51	*0.0160	0.0032	33.5	11.5	5.0	0.8	401	22.3	H	



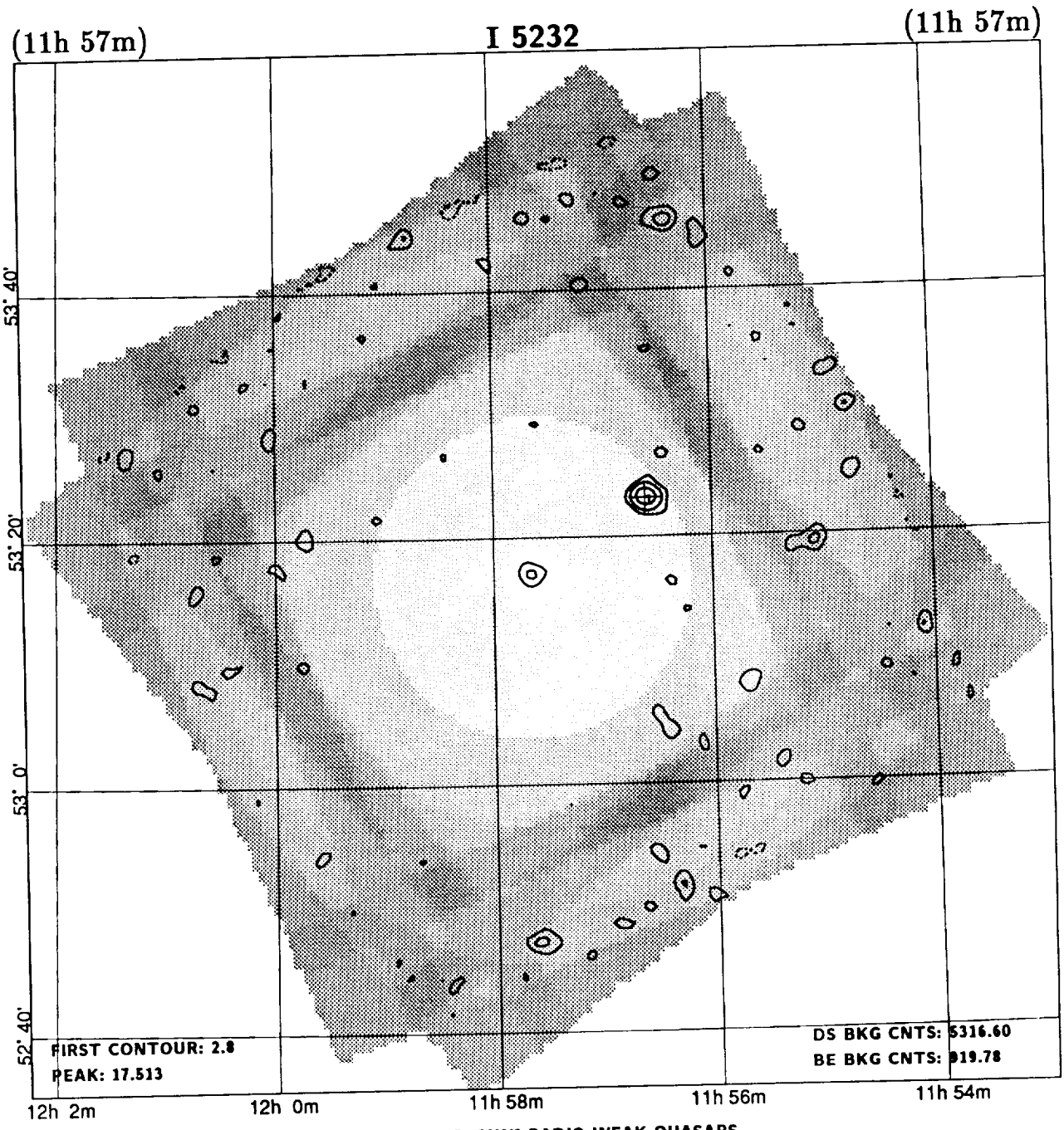
QSO 1157+014

FIELD CENTER: $11^h57^m11.0^s$ $01°28'50''$ (B1950)
$11^h59^m44.7^s$ $01°12'08''$ (J2000)
ℓ: 275.22 b: 61.26

DATE: 1980/176 - 1980/176
LIVETIME: 3608.6s
ROLL ANGLE: 66.6°

NH: 2.0E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2571	1L	11 58 57.7	01 28 34	50	0.0259	0.0068	37.4	27.6	3.7	1.5	0	26.6		Q



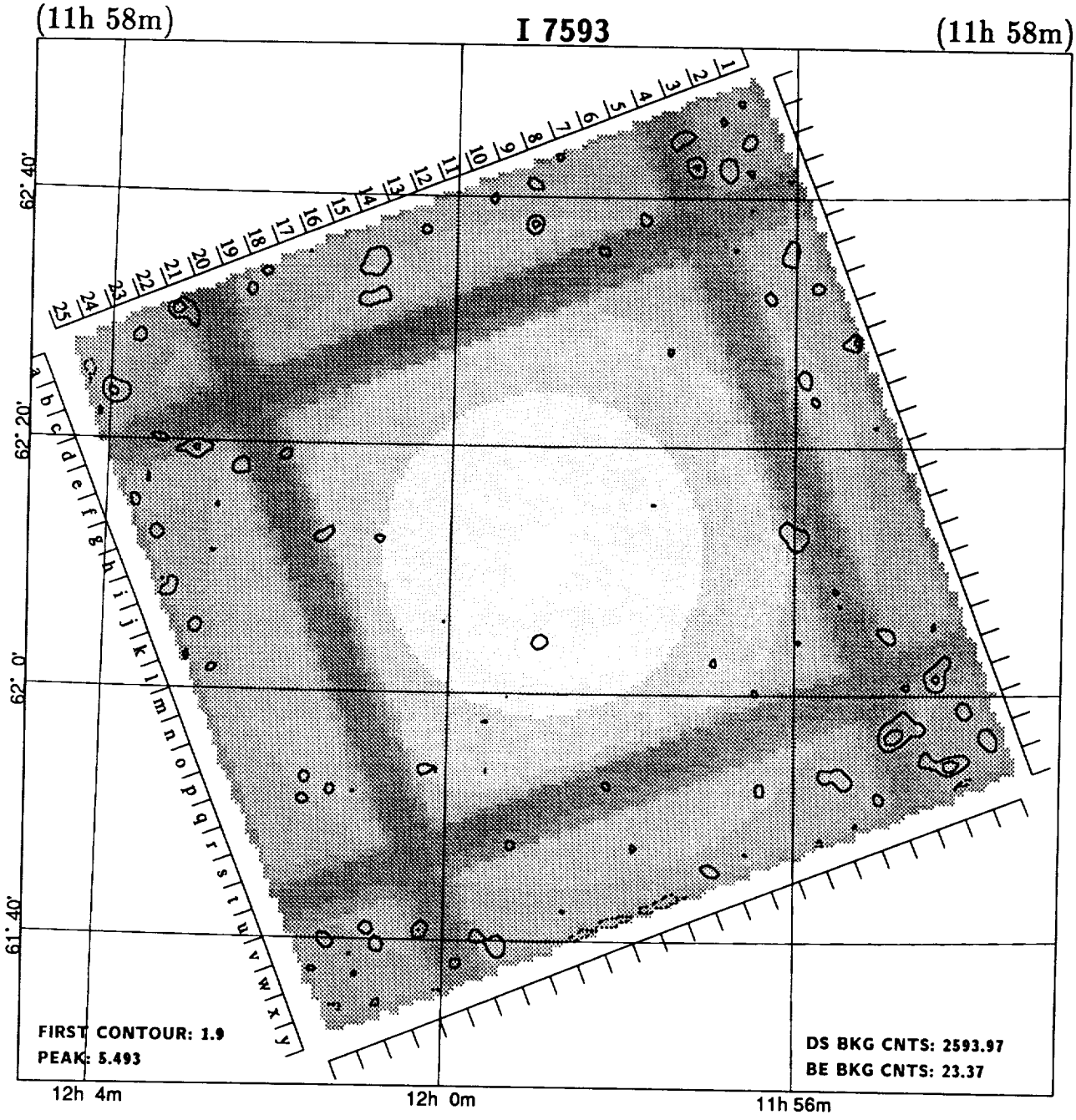
QSO 1157+53W2,RADIO WEAK QUASARS

FIELD CENTER: $11^h57^m37.3^s$ $53°17'27''$ (B1950)
$12^h00^m11.4^s$ $53°00'45''$ (J2000)
ℓ: 139.68 b: 62.42

DATE: 1979/325 - 1979/346
LIVETIME: 4308.2s

NH: 1.6E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2564	1	11 56 36.4	53 23 08	41	0.0184	0.0029	51.7	13.3	6.4	0.9	0	10.8	H	



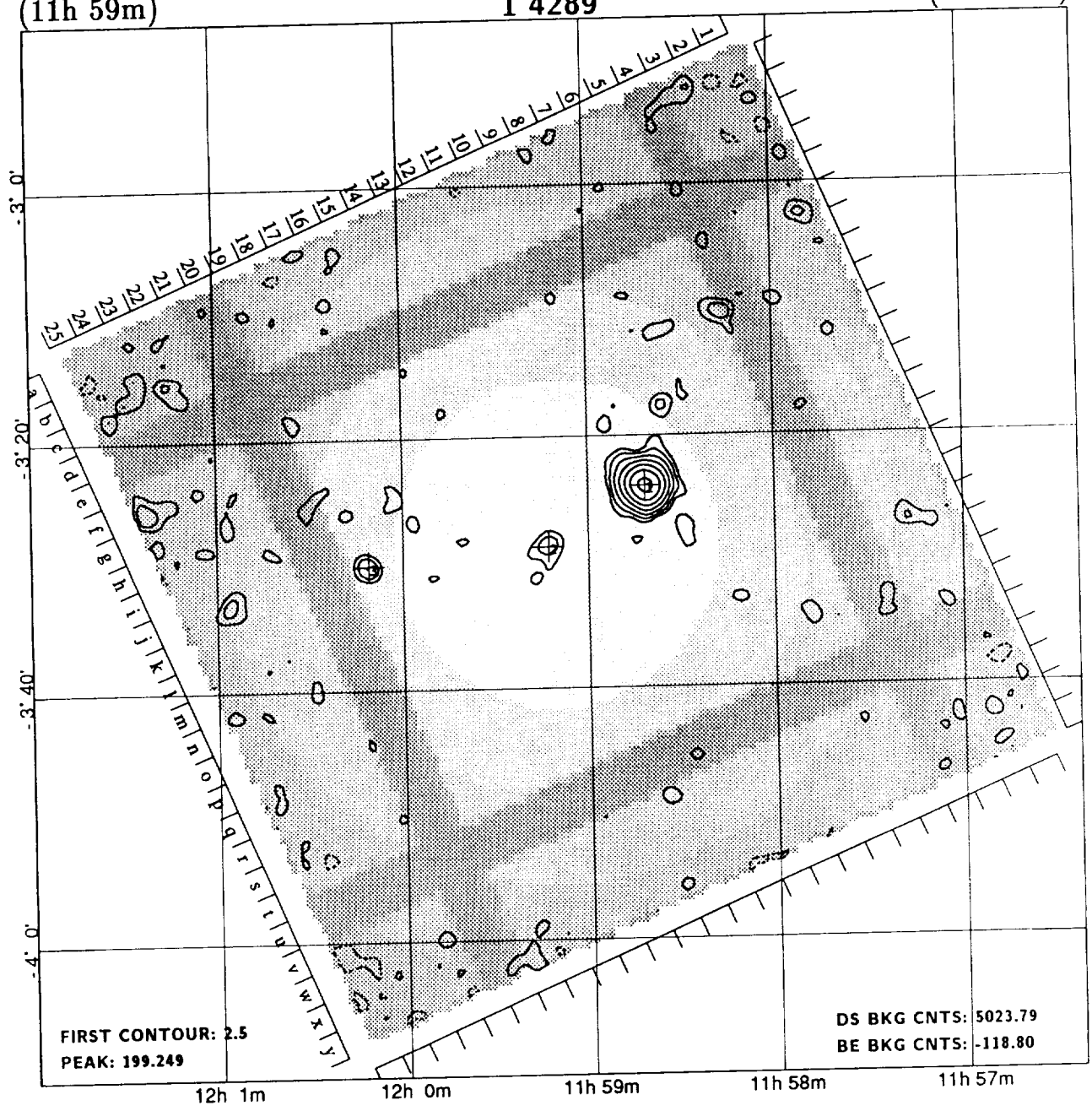
N 4036,LOW IONISATION NUCLEAR EMISSION LINE GALAXIES

FIELD CENTER: $11^h58^m53.6^s$ 62°10′22″ (B1950)
$12^h01^m27.2^s$ 61°53′40″ (J2000)
ℓ: 132.98 b: 54.25

DATE: 1980/161 - 1980/161
LIVETIME: 2102.0s
ROLL ANGLE: 68.5°

NH: 2.1E+20
REF/ID:
FIELD FLAGS:

(11h 59m) **I 4289** (11h 59m)



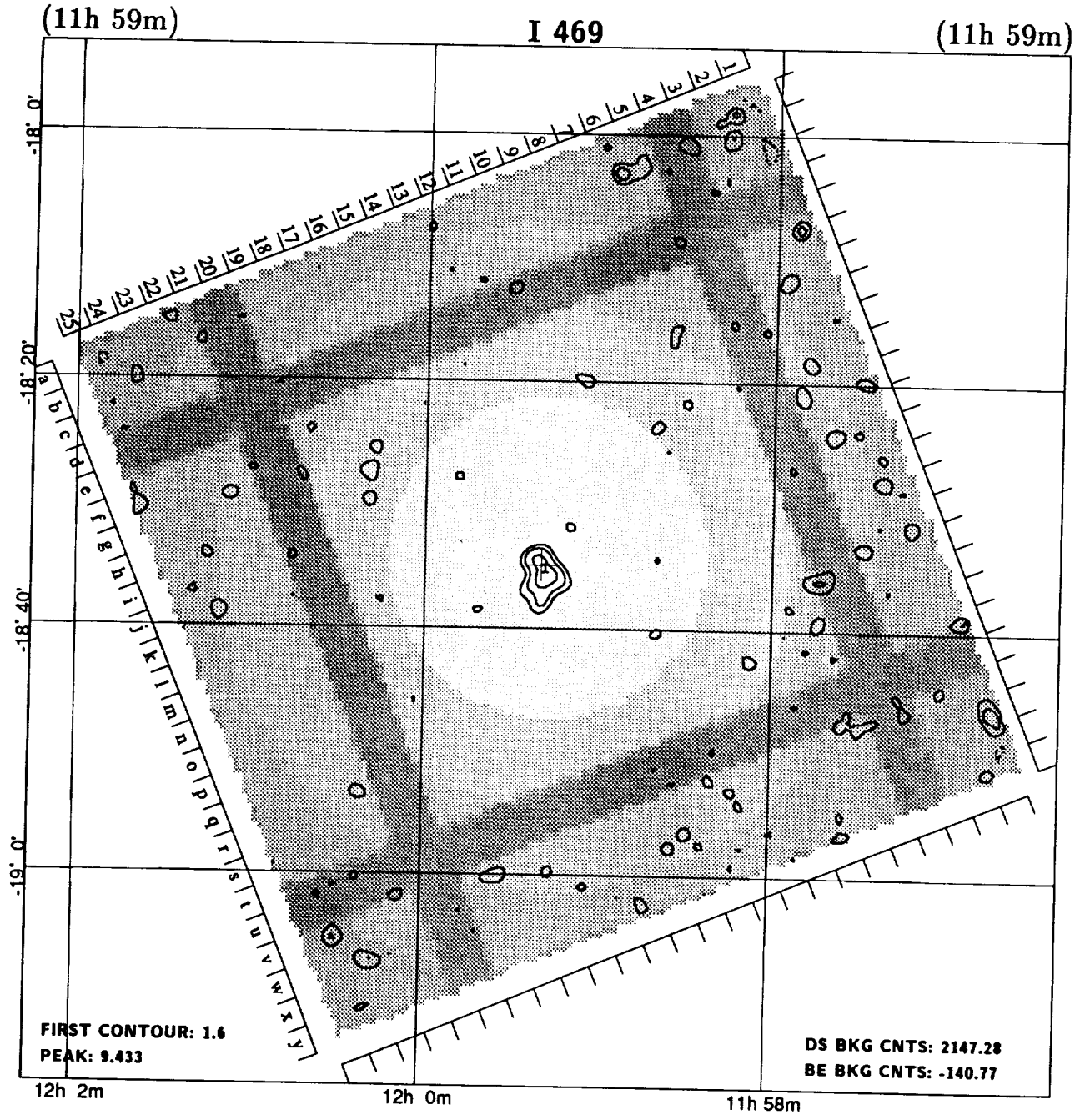
STARFIELD'S STAR

FIELD CENTER: $11^h59^m11.3^s$ $-03°28'45''$ (B1950)
$12^h01^m45.0^s$ $-03°45'28''$ (J2000)
ℓ: 279.81 b: 56.87

DATE: 1979/171 - 1979/171
LIVETIME: 4070.9s
ROLL ANGLE: 66.6°

NH: 2.5E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2570	1	11 58 41.6	-03 23 58	37	0.2562	0.0097	711.0	12.0	26.4	1.2	0	8.8	H	
2572	2	11 59 12.9	-03 28 43	36	0.0094	0.0021	28.6	12.4	4.5	0.7	0	0.4		
2576	3	12 00 11.1	-03 30 04	51	0.0095	0.0024	22.8	9.2	4.0	0.7	400	15.1	H	



NGC 4038/39 ABNORMAL GALAXIES SURVEY

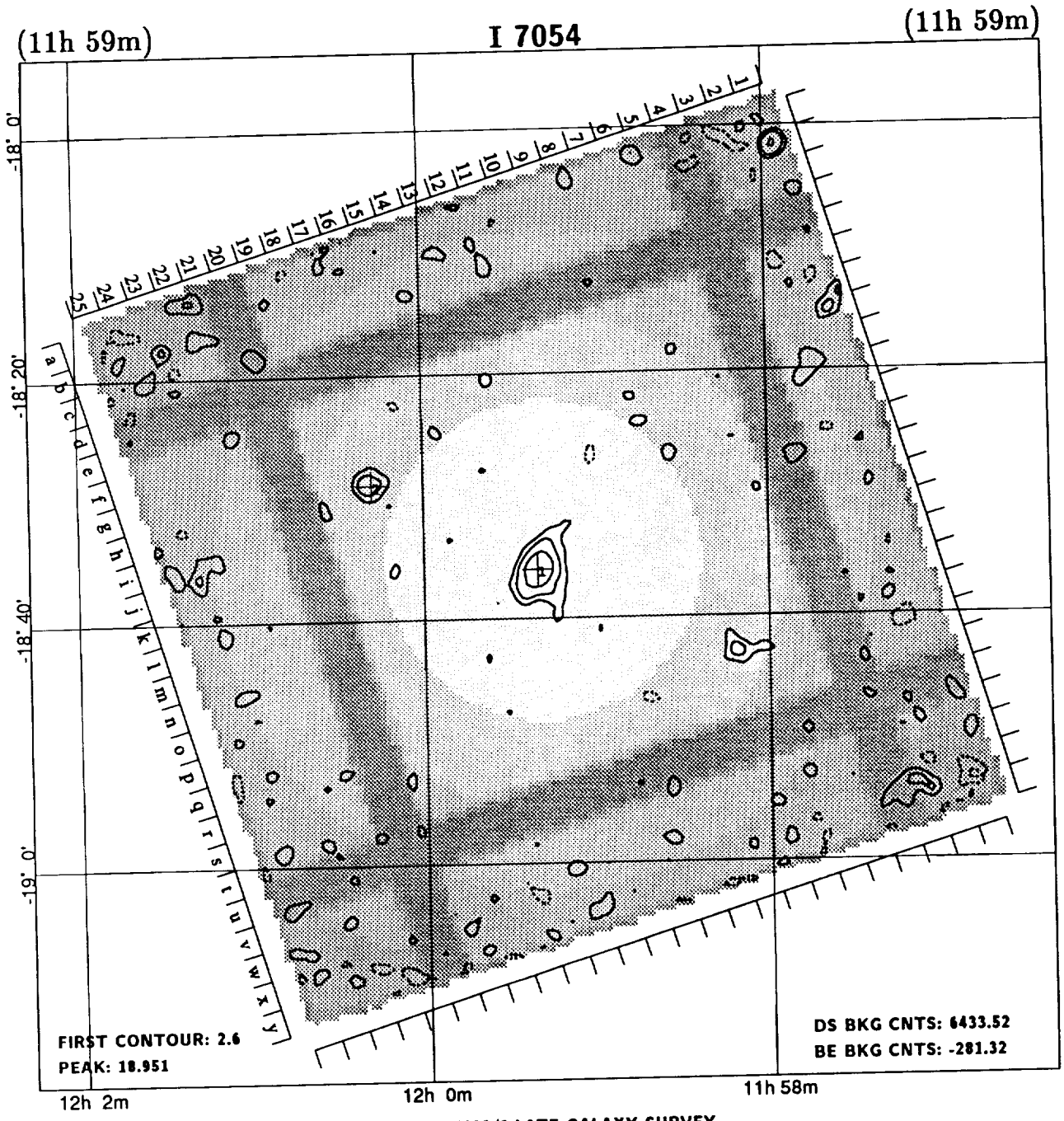
FIELD CENTER: $11^h59^m18.0^s$ $-18°34'59''$ (B1950)
$12^h01^m51.8^s$ $-18°51'42''$ (J2000)
ℓ: 286.95 b: 42.47

DATE: 1979/172 - 1979/172
LIVETIME: 1740.0s
ROLL ANGLE: 67.8°

NH: 4.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2573	1	11 59 19.8	-18 34 54	35	0.0333	0.0054	43.0	5.0	6.2	1.7	0	0.8	AH	G

(11h 59m) **I 7054** (11h 59m)



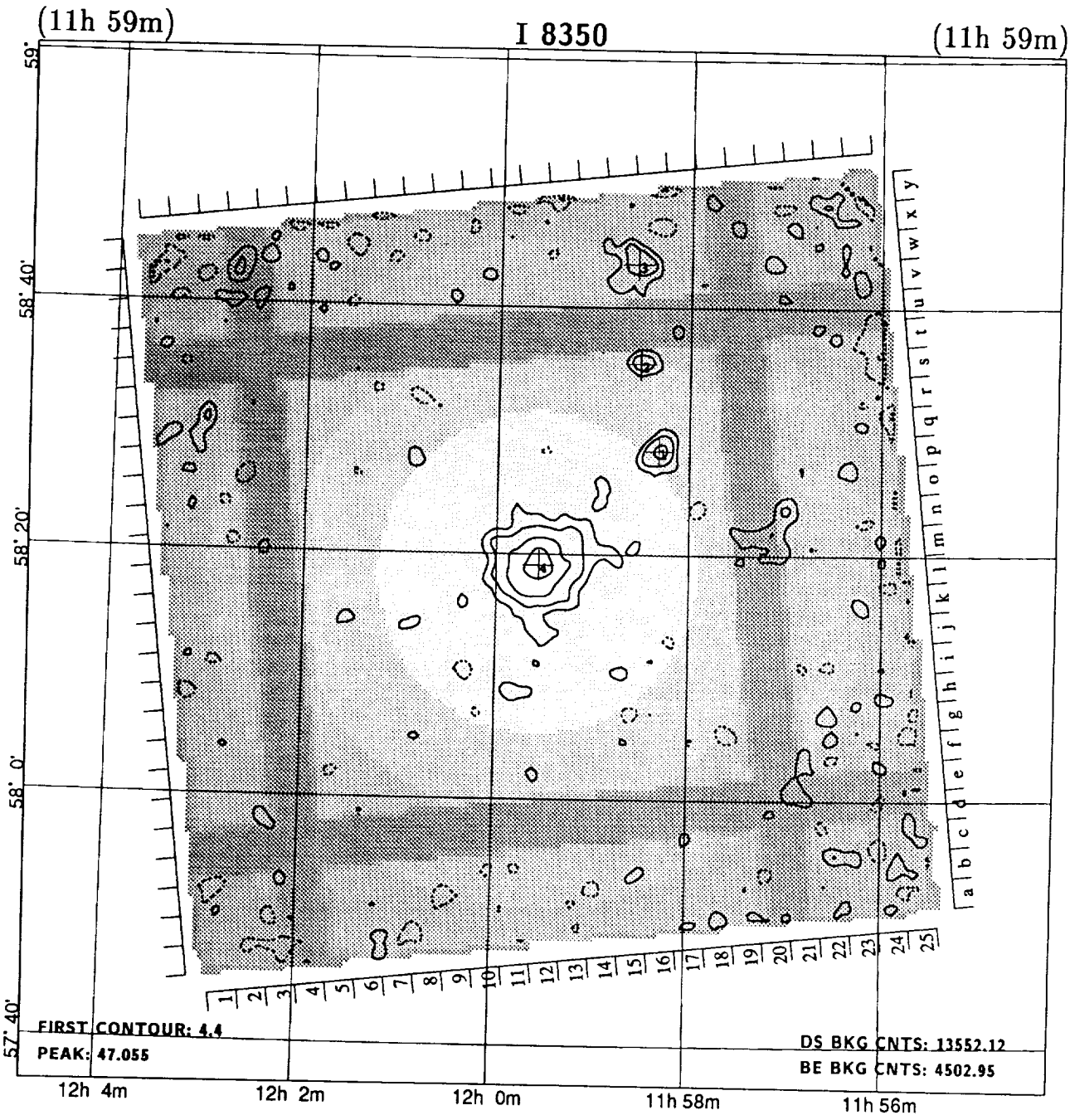
NGC 4038/9,LATE GALAXY SURVEY

FIELD CENTER: $11^h59^m20.0^s$ $-18°35'41''$ (B1950)
$12^h01^m53.8^s$ $-18°52'24''$ (J2000)
ℓ: 286.96 b: 42.46

DATE: 1980/166 - 1980/166
LIVETIME: 5213.2s
ROLL ANGLE: 72.7°

NH: 4.1E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2573	1	11 59 20.4	-18 35 58	32	0.0219	0.0026	84.8	15.2	8.5	1.8	0	0.2	AH	G
2577	2	12 00 18.0	-18 28 59	52	0.0094	0.0021	28.7	10.3	4.6	0.8	0	15.3	H	



A1446, CLUSTERS OF GALAXIES W/RADIO SOURCES

FIELD CENTER: $11^h59^m31.0^s$ $58°18'49''$ (B1950)
$12^h02^m04.3^s$ $58°02'07''$ (J2000)
ℓ: 135.23 b: 57.90

DATE: 1980/363 - 1980/364
LIVETIME: 10981.7s
ROLL ANGLE: -96.0°

NH: 1.5E+20
REF/ID: !
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
2567	1	11 58 19.4	58 28 20	41	0.0112	0.0016	75.1	38.9	7.0	1.0	0	13.2	H	*
2568	2	11 58 31.3	58 35 23	53	0.0057	0.0014	32.9	32.1	4.1	0.8	500	18.2	H	*
2569	3	11 58 33.5	58 43 27	55	0.0079	0.0018	35.7	27.3	4.5	1.4	0	26.0	H	
2574	4	11 59 33.6	58 19 04	31	0.0298	0.0021	243.5	44.5	14.3	3.7	0	1.3	H	CLG

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13. ABSTRACT *(Maximum 200 words)*

The Einstein Observatory (HEAO-2, launched November 13, 1978) achieved radically improved sensitivity over previous x-ray missions through the use of focusing optics, which simultaneously afforded greatly reduced background and produced true images. During its 2.5-yr mission, the Einstein X-Ray Telescope was pointed toward some 5,000 celestial targets, most of which were detected, and discovered several thousand additional "serendipitous" sources in the observed fields. This catalog contains contour diagrams and source data, obtained with the imaging proportional counter in the 0.16 to 3.5 keV energy band, and descibes methods for recovering upper limits for any sky position within the observed images.

The main catalog consists of six volumes (numbered 2 through 7) of right ascension ordered pages, each containing data for one observation. Along with the primary documentaion describing how the catalog was constructed, volume 1 contains a complete source list, results or merged fields, a reference system to published papers and data useful for calculating upper limits and fluxes. A machine readable version of the catalog is available as a set of three CD-ROM (Compact Disk-Read Only Memory), and source information is also accessible via an on-line computer service.

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