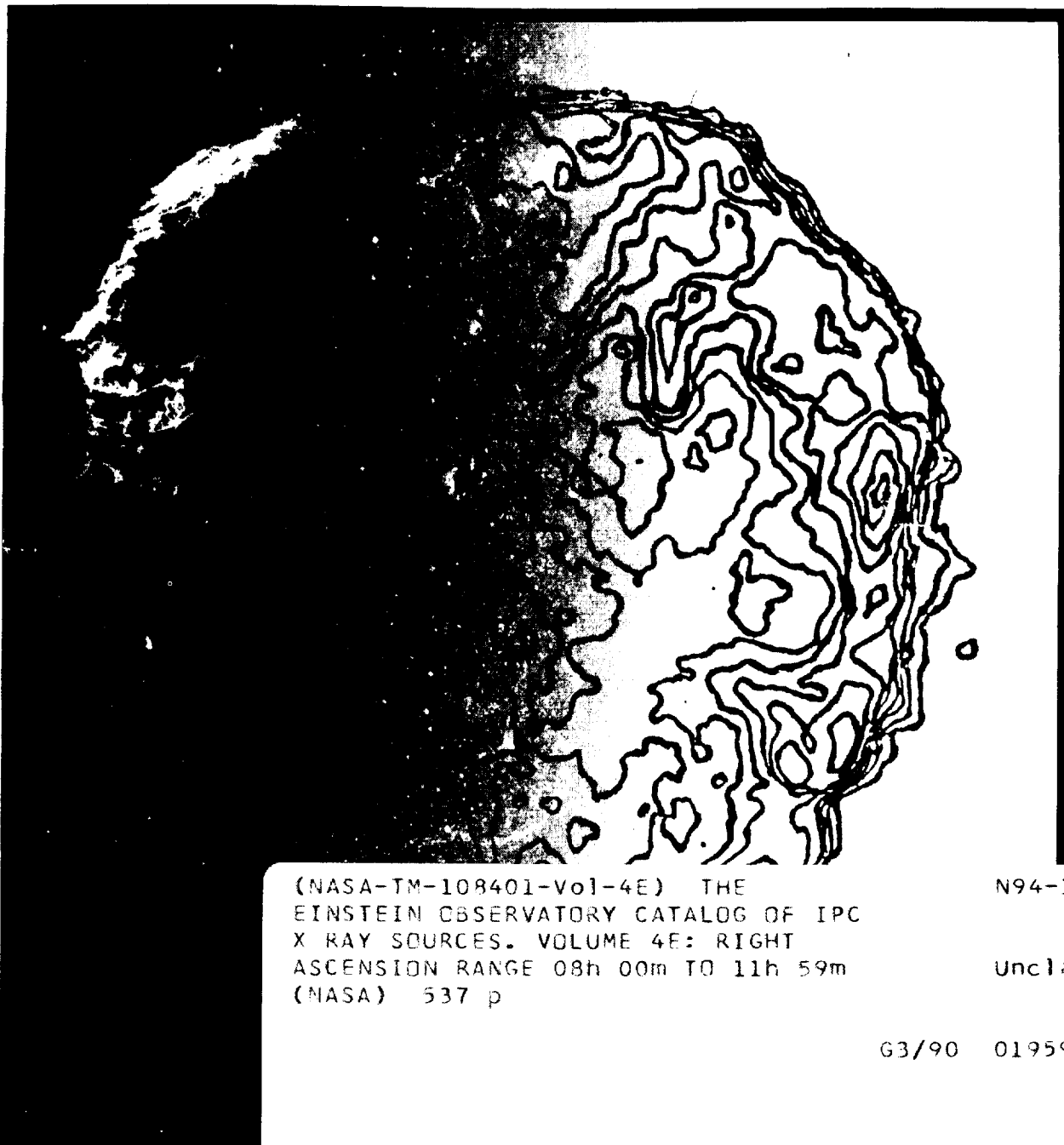


THE EINSTEIN OBSERVATORY CATALOG OF IPC X-RAY SOURCES



(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

D. E. Harris (*chair*)

W. Forman

I.M. Gioia

J.A. Hale

F.R. Harnden, Jr.

C. Jones

T. Karakashian

T. Maccacaro

J. D. McSweeney

F. A. Primini

J. Schwarz

H. D. Tananbaum

J. Thurman

Smithsonian Astrophysical Observatory
Cambridge, MA, USA

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 ≥ 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 1σ 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

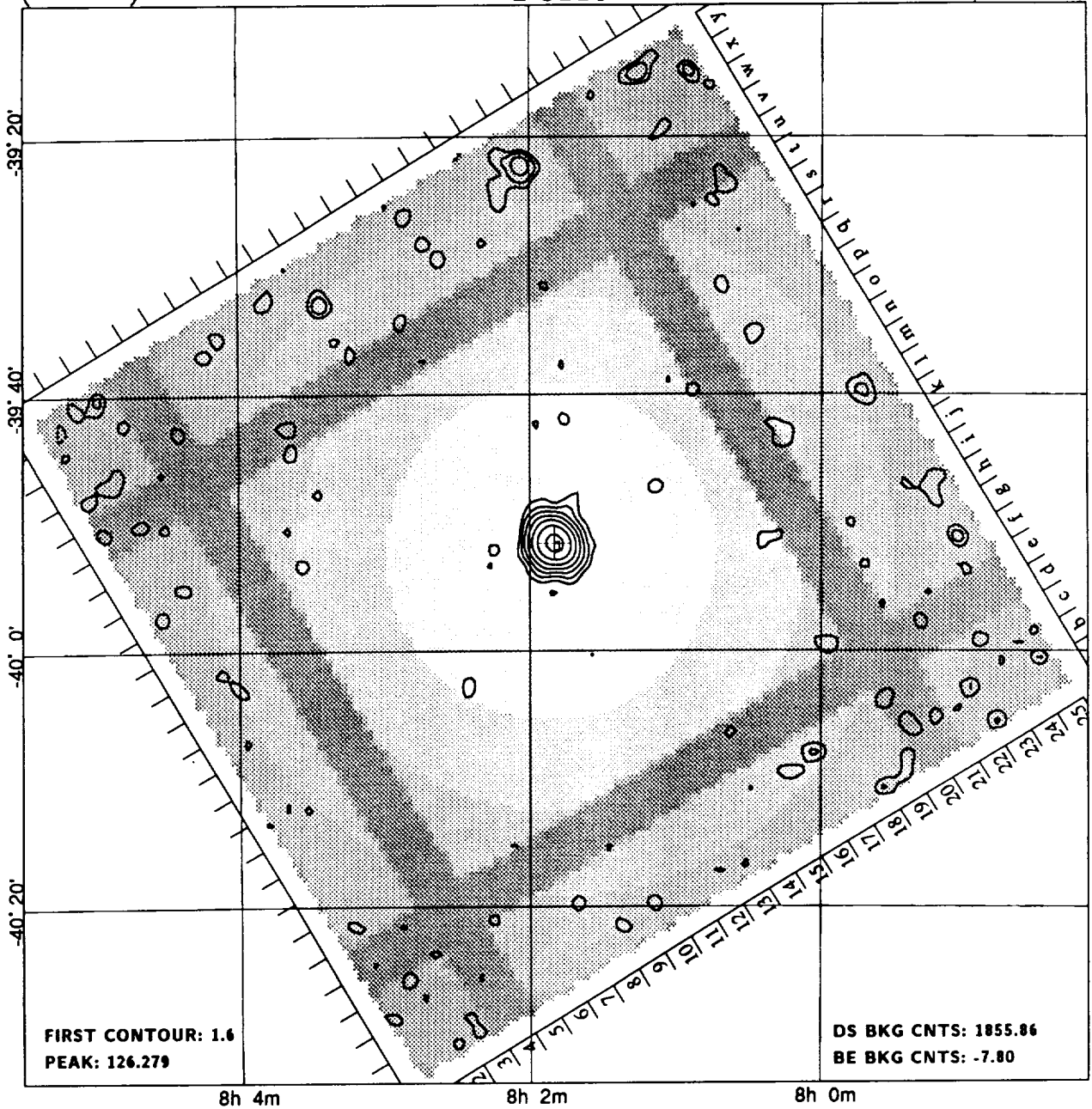
- A: Additional detection(s) occurred in other field(s).
- a: Probably should be paired with another detection, but separation exceeded cutoff; thus not assigned an “A” flag.
- E: Intensity corrected for source near the exposure cutoff at the field edge.
- H: A hardness ratio is available (cf. Appendix D of Vol. 1).
- I: Source detected by LDETECT near field edge. Intensity adjusted to remove redundant exposure correction.



(8h 1m)

I 5110

(8h 1m)



ZETA PUPPIS

FIELD CENTER: $08^h 01^m 50.0^s$ $-39^\circ 51' 40''$ (B1950)
 $08^h 03^m 35.6^s$ $-40^\circ 00' 12''$ (J2000)
 $l: 255.98$ $b: -4.70$

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

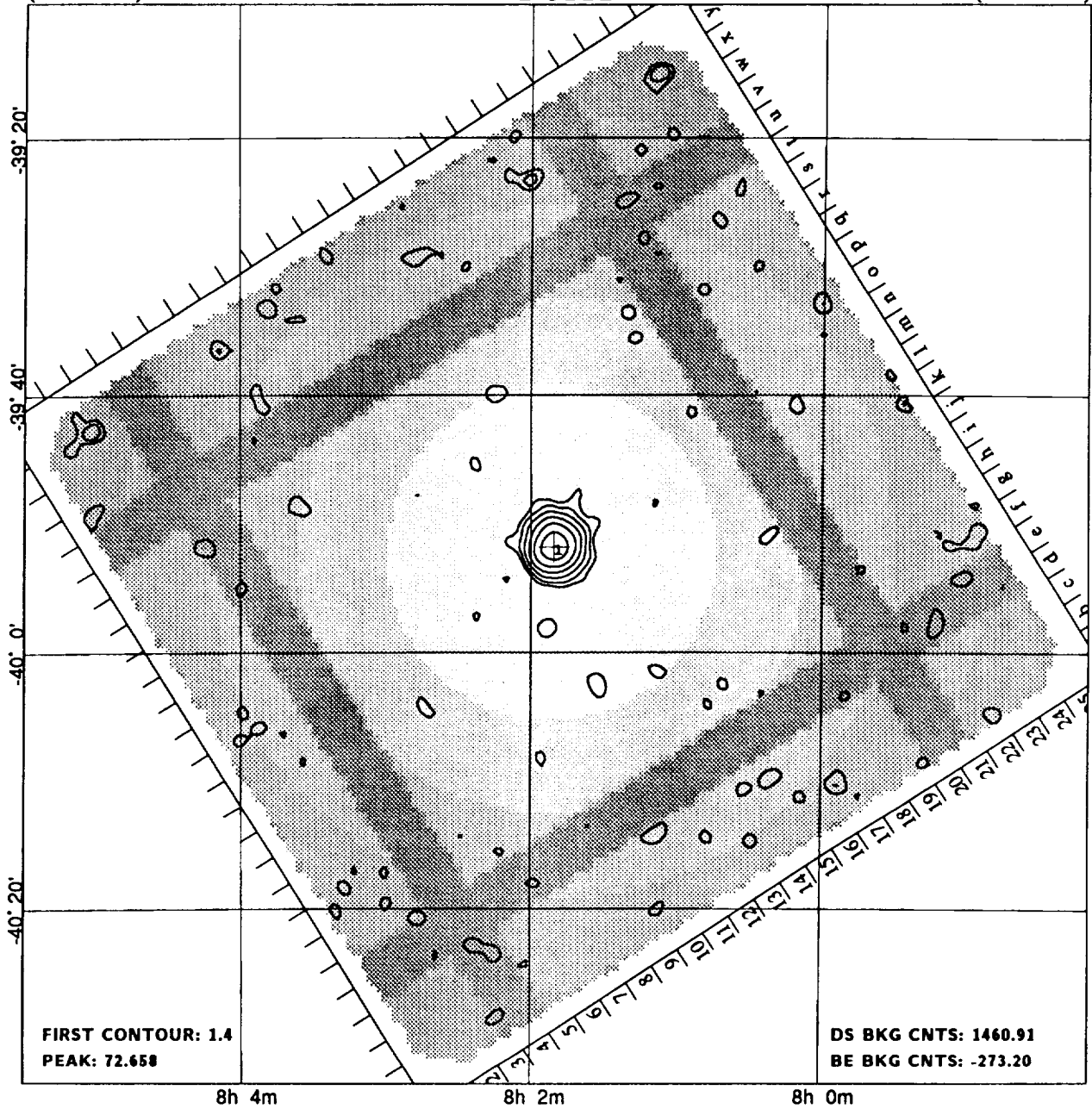
NH: $5.8E+21$
 REF/ID:
 FIELD FLAGS: C

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 5112

(8h 1m)



8h 4m

8h 2m

8h 0m

ZETA PUPPIS

FIELD CENTER: $08^h 01^m 50.0^s$ $-39^\circ 51' 40''$ (B1950)
 $08^h 03^m 35.6^s$ $-40^\circ 00' 12''$ (J2000)
 $l: 255.98$ $b: -4.70$

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

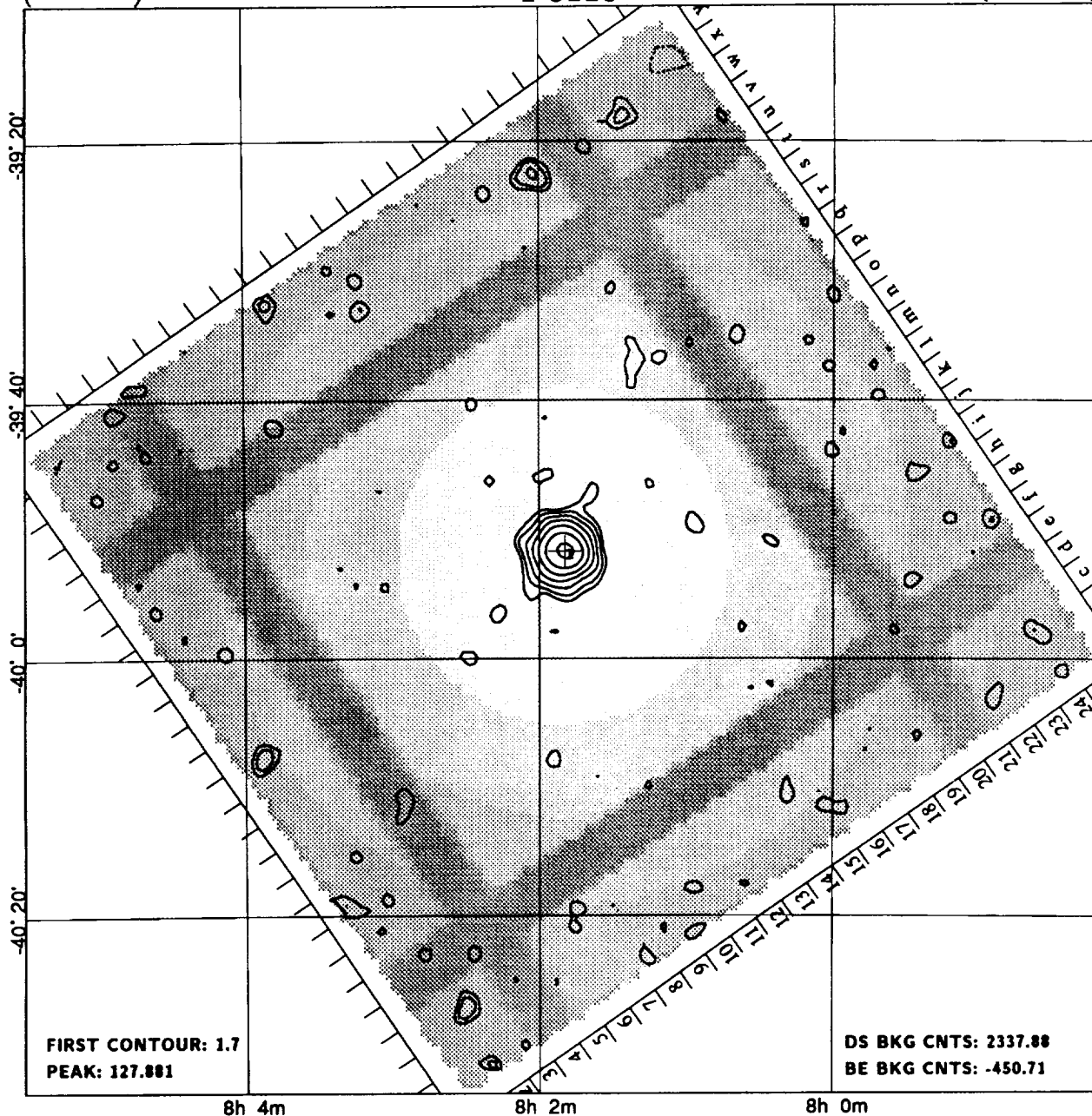
NH: $5.8E+21$
 REF/ID:
 FIELD FLAGS: C

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: $08^h 01^m 50.0^s$ $-39^\circ 51' 40''$ (B1950)
 $08^h 03^m 35.6^s$ $-40^\circ 00' 12''$ (J2000)
 $l: 255.98$ $b: -4.70$

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

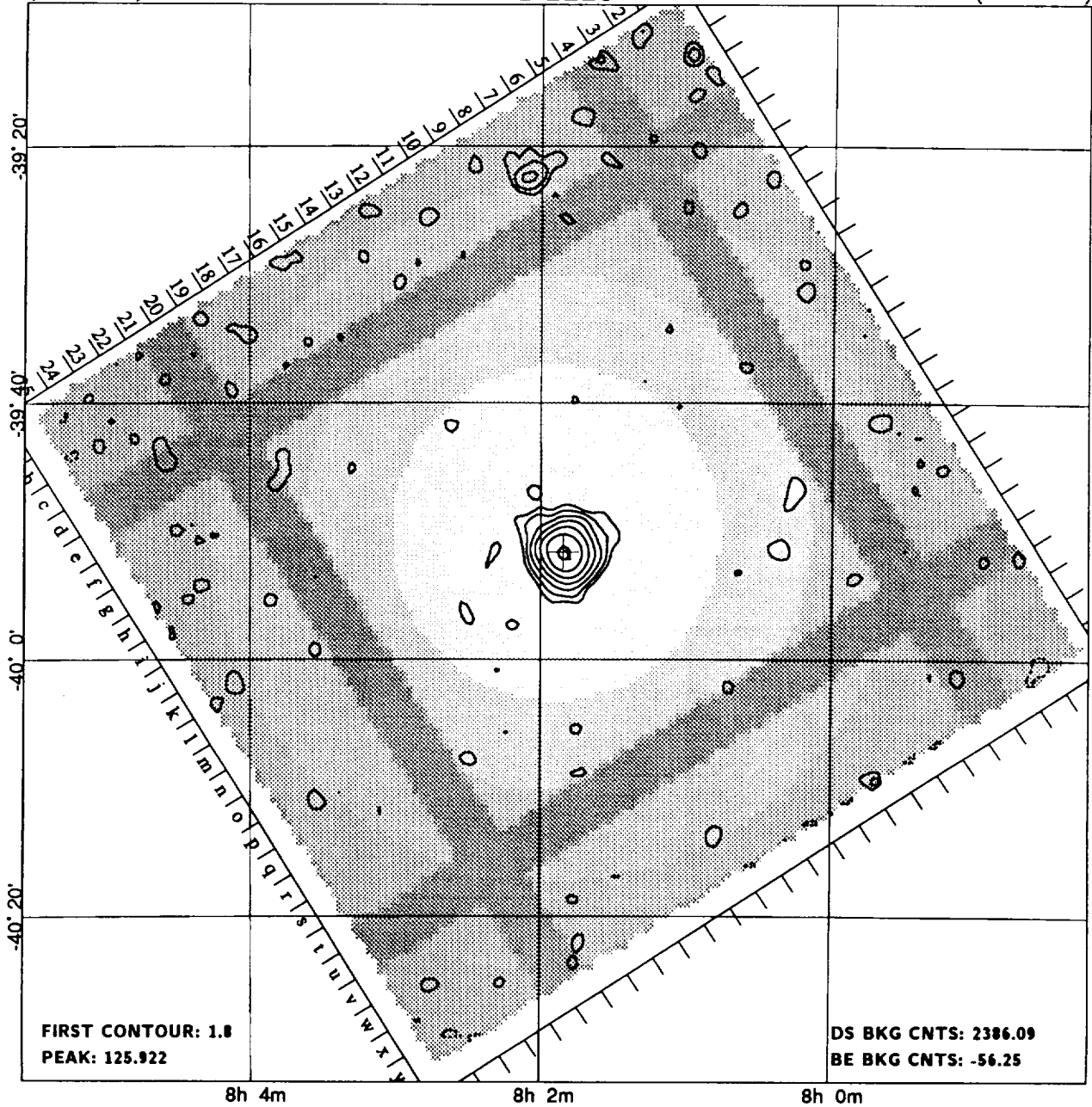
NH: $5.8E+21$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $08^h 01^m 54.0^s$ $-39^\circ 50' 59''$ (B1950)
 $08^h 03^m 39.6^s$ $-39^\circ 59' 31''$ (J2000)
 $l: 255.97$ $b: -4.69$

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

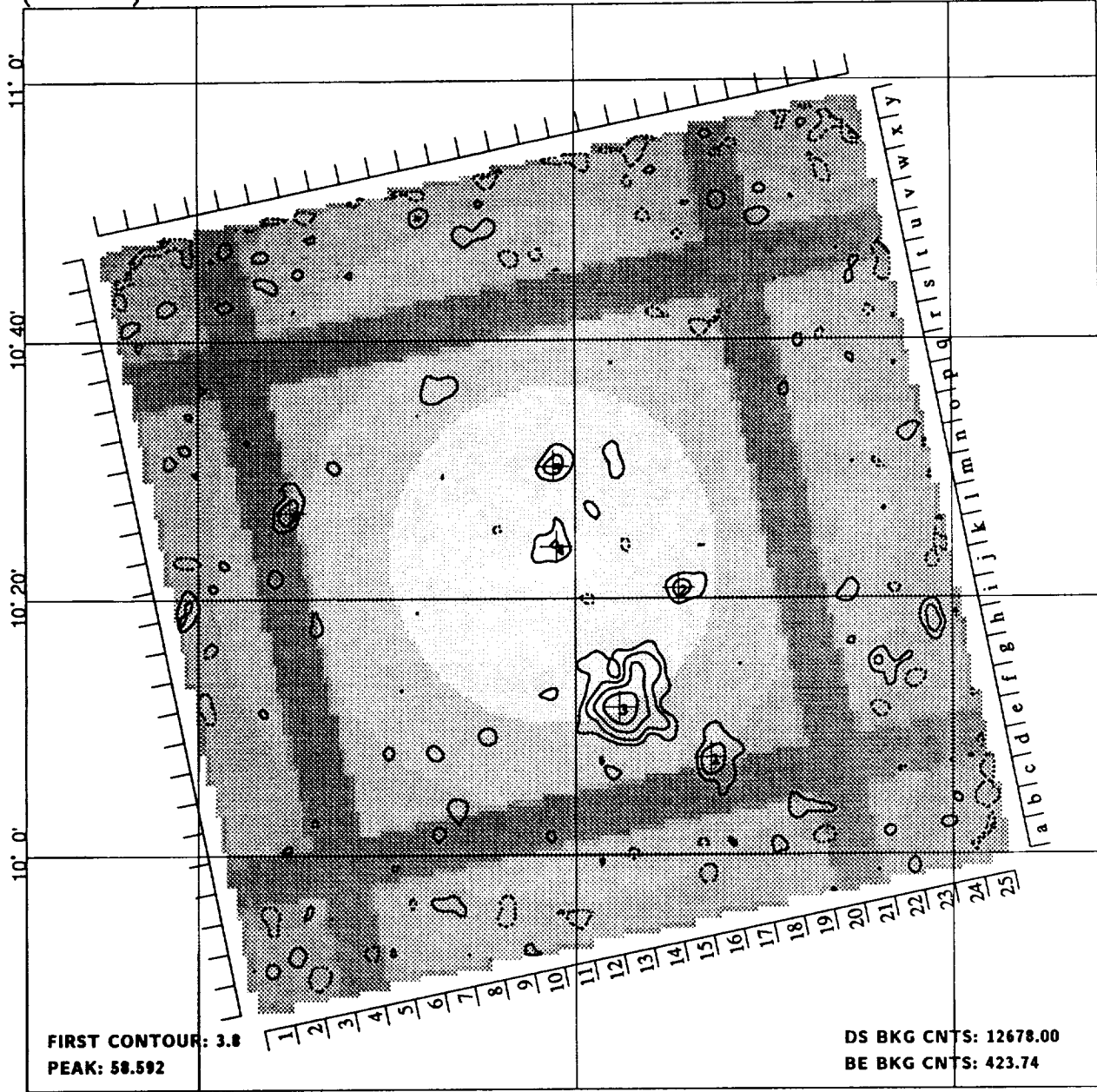
NH: $5.8E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)



8h 4m

8h 2m

8h 0m

3CR 191

FIELD CENTER: $08^{\text{h}}02^{\text{m}}03.8^{\text{s}}$ $10^{\circ}23'55''$ (B1950)
 $08^{\text{h}}04^{\text{m}}48.0^{\text{s}}$ $10^{\circ}15'21''$ (J2000)
 $l: 211.87$ $b: 20.90$

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

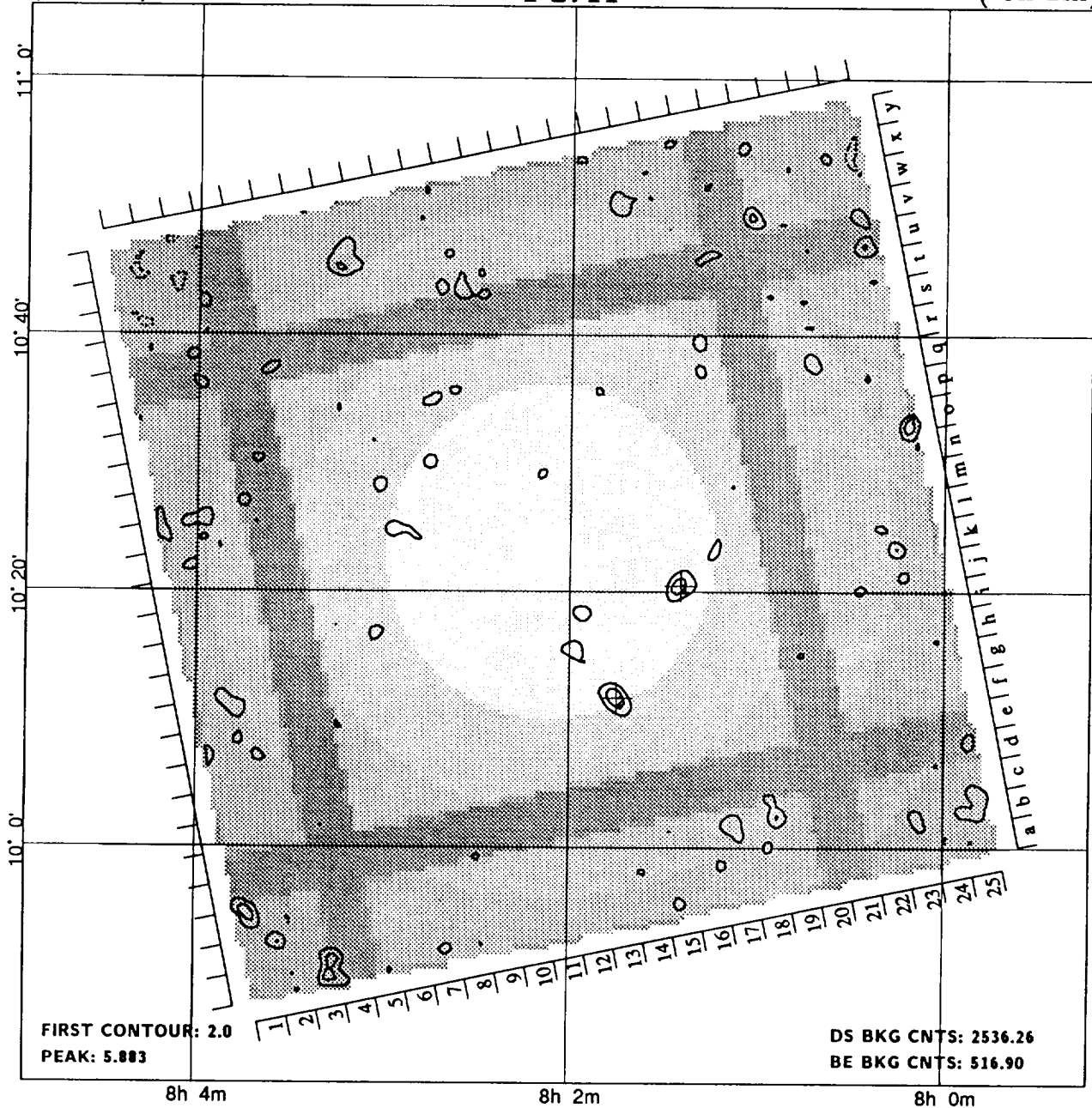
NH: $2.7\text{E}+20$
REF/ID:
FIELD FLAGS:

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°

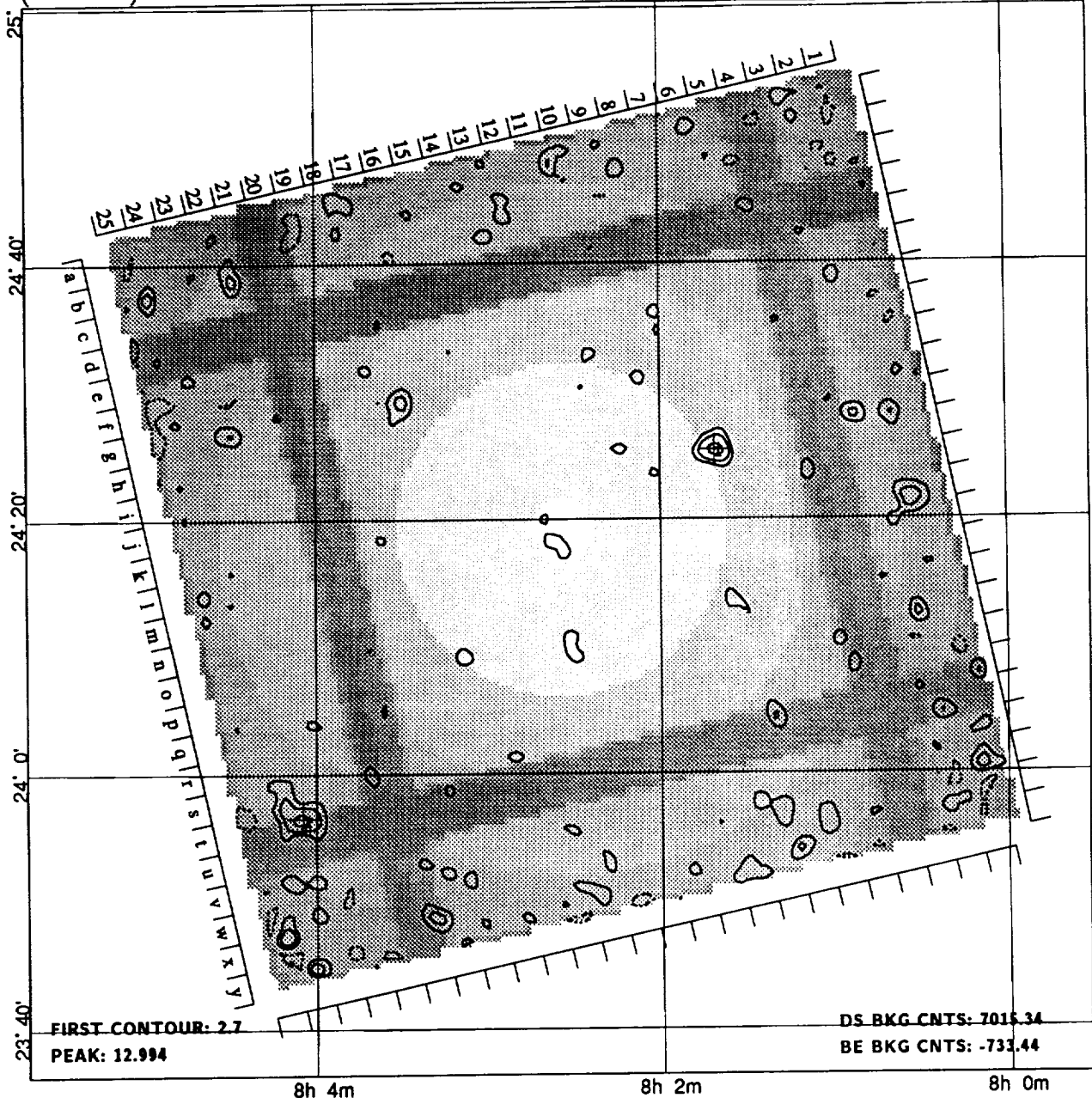
NH: 2.7E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $08^h 02^m 35.5^s$ $24^\circ 18' 27''$ (B1950)
 $08^h 05^m 35.0^s$ $24^\circ 09' 51''$ (J2000)
 $l: 197.92$ $b: 26.41$

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

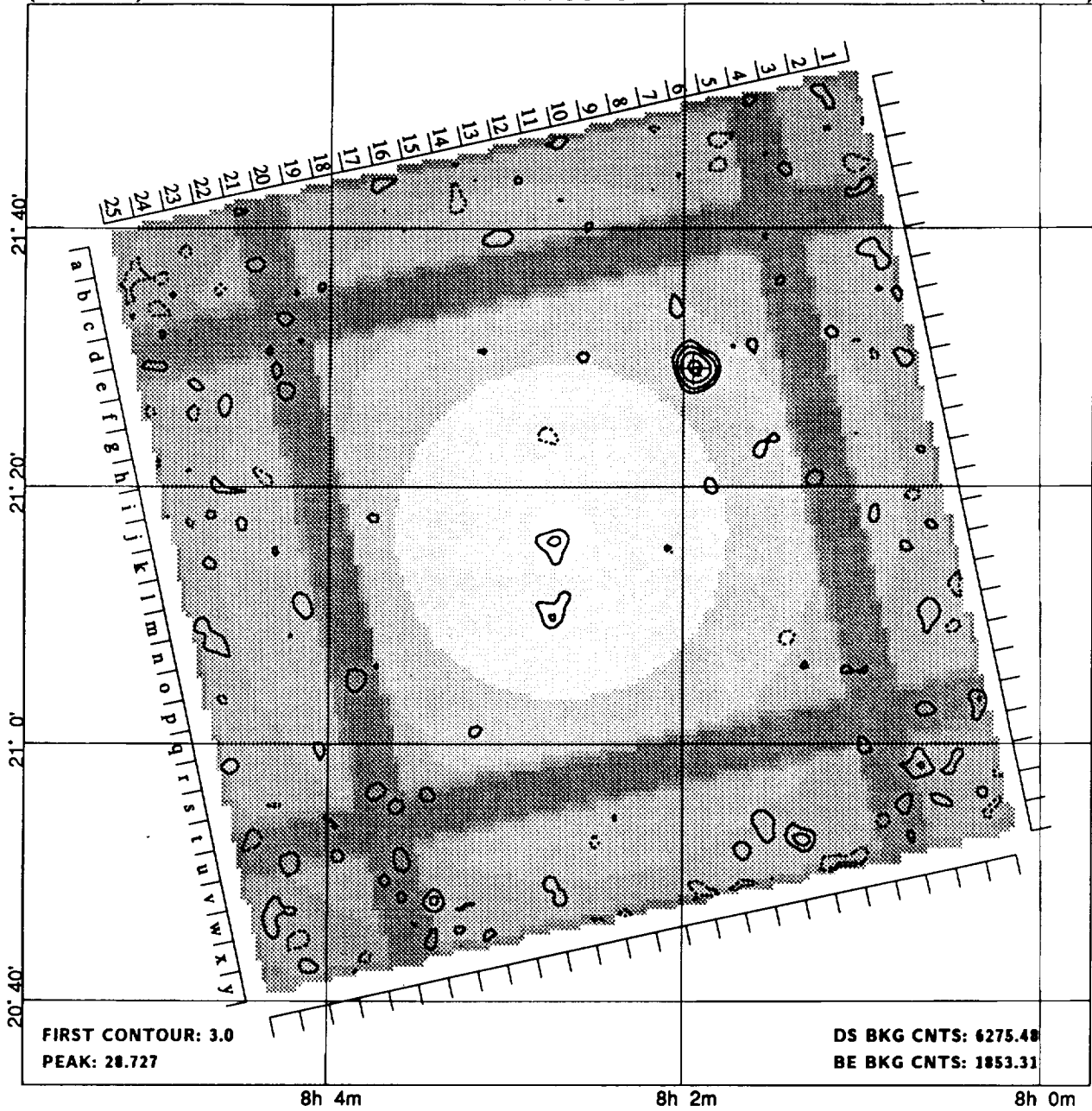
NH: $4.3E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE \pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $08^h 02^m 42.6^s$ $21^\circ 15' 27''$ (B1950)
 $08^h 05^m 38.5^s$ $21^\circ 06' 51''$ (J2000)
 $l: 201.10$ $b: 25.37$

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

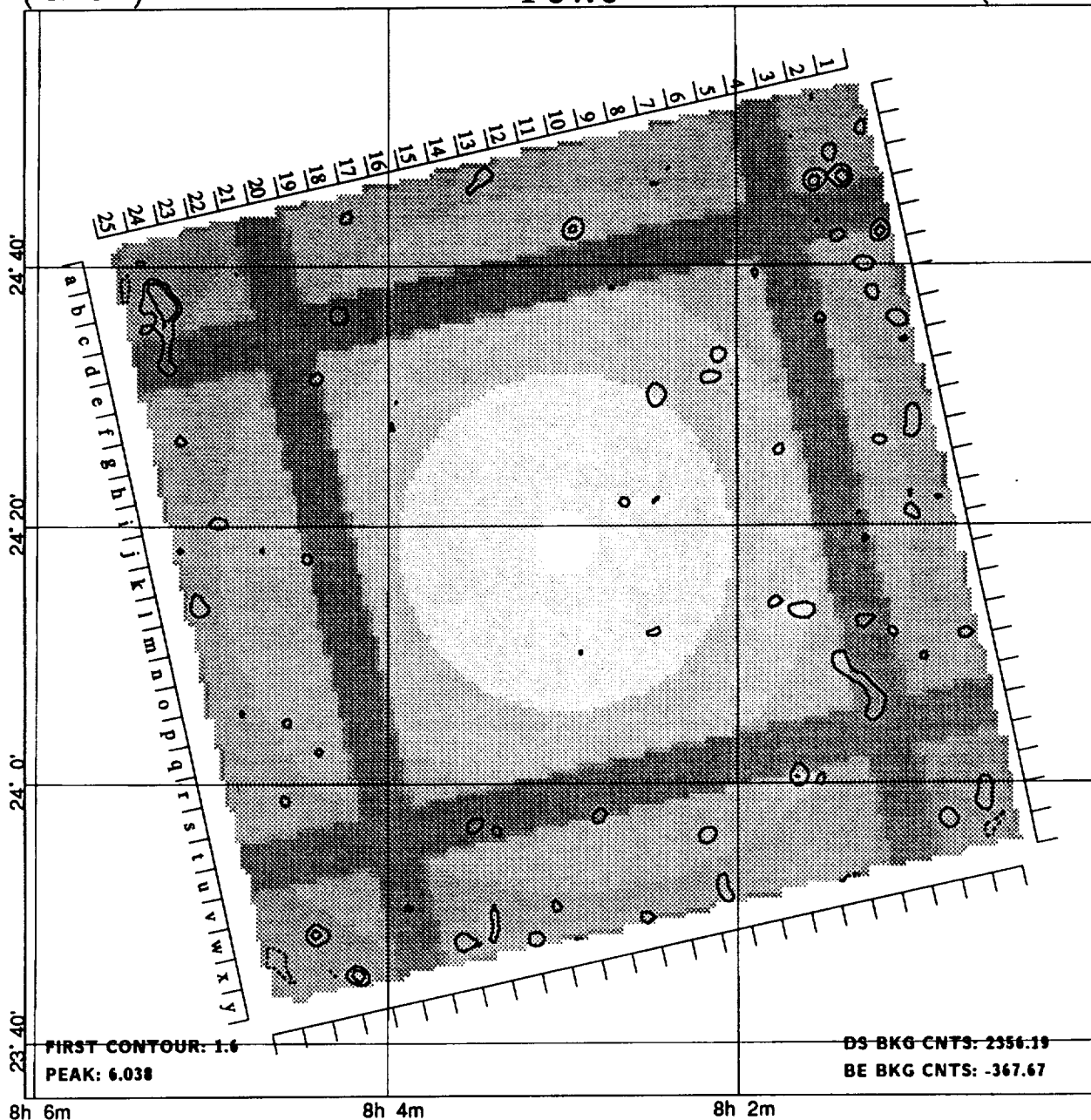
NH: $4.3E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
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	

(8h 3m)

I 3475

(8h 3m)



8h 6m

8h 4m

8h 2m

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

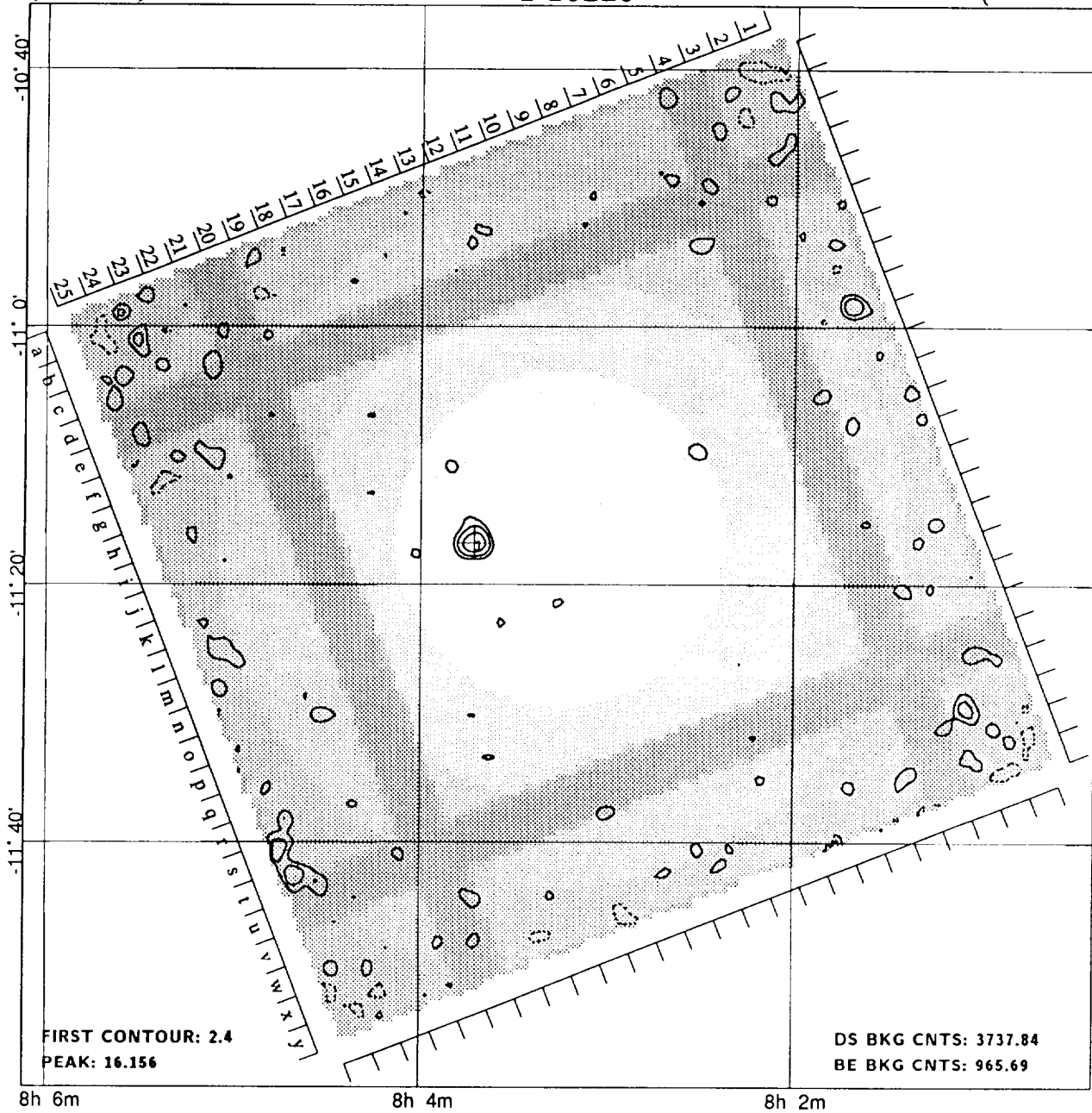
DATE: 1979/ 99 - 1979/ 99
 LIVETIME: 1909.3s
 ROLL ANGLE: 77.6°

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

(8h 3m)

I 10226

(8h 3m)



N 2525: ACTIVE NUCLEI OF BARRED SPIRALS

FIELD CENTER: $08^h 03^m 15.6^s$ $-11^\circ 17' 05''$ (B1950)
 $08^h 05^m 37.8^s$ $-11^\circ 25' 43''$ (J2000)
 l : 231.85 b : 10.79

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

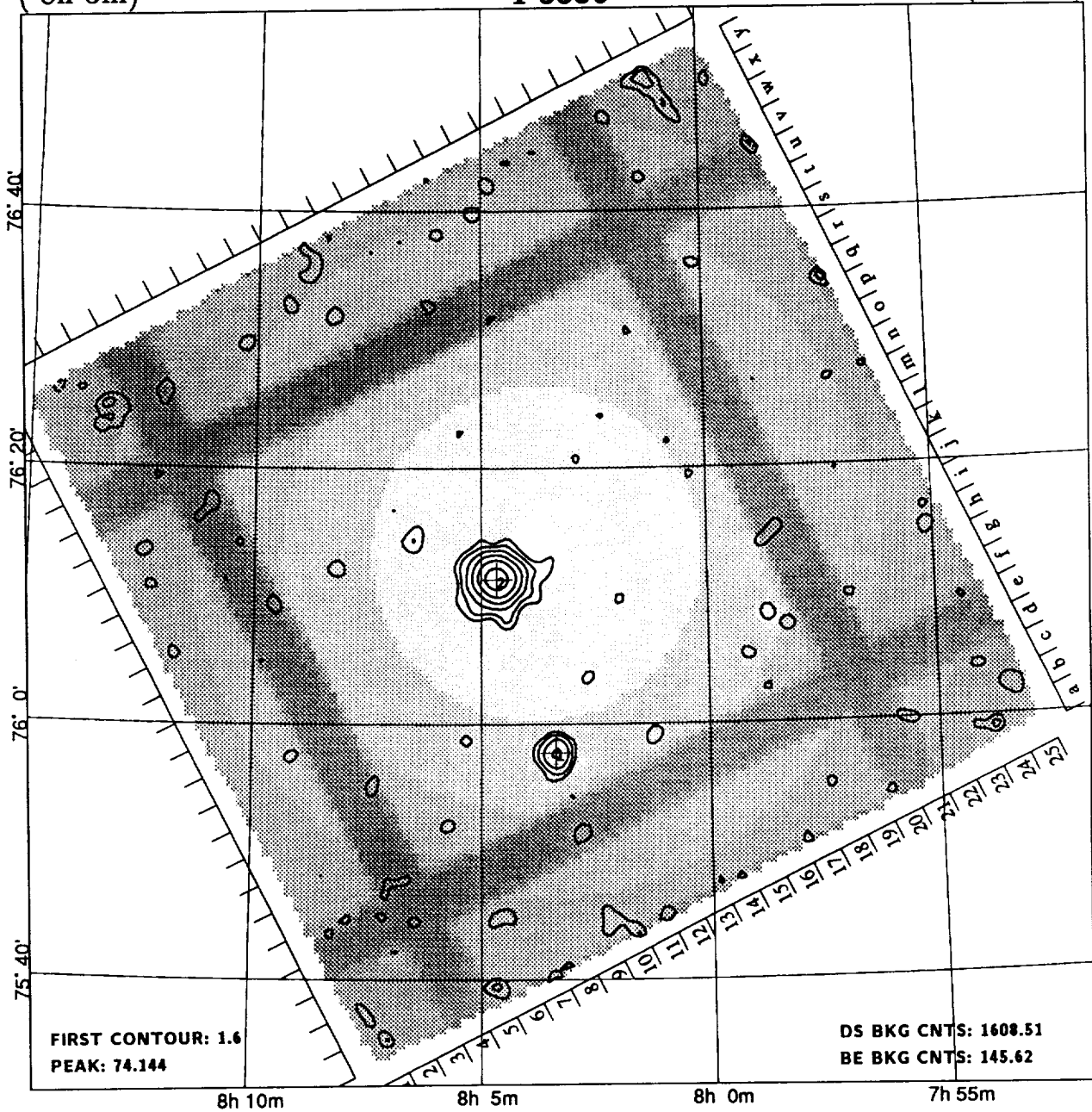
NH: $9.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(8h 3m)

I 5336

(8h 3m)



SURVEY OF BRIGHT QUASARS (PG)

FIELD CENTER: $08^h 03^m 17.2^s$ $76^\circ 13' 48''$ (B1950)
 $08^h 09^m 41.7^s$ $76^\circ 05' 03''$ (J2000)
 $l: 138.25$ $b: 30.95$

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

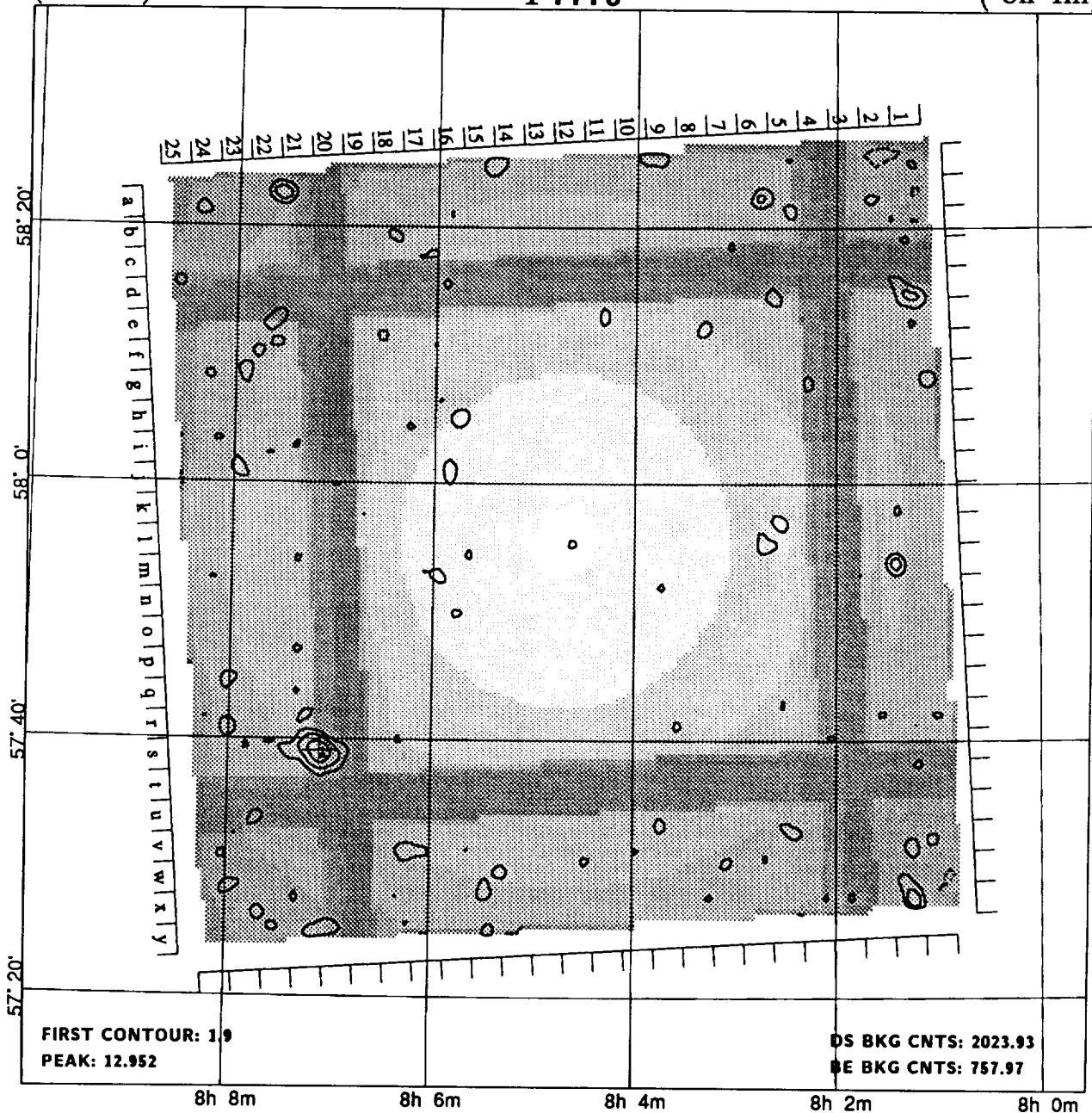
NH: $3.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $08^h 04^m 45.5^s$ $57^\circ 54' 57''$ (B1950)
 $08^h 08^m 49.6^s$ $57^\circ 46' 11''$ (J2000)
 $l: 159.75$ $b: 32.89$

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

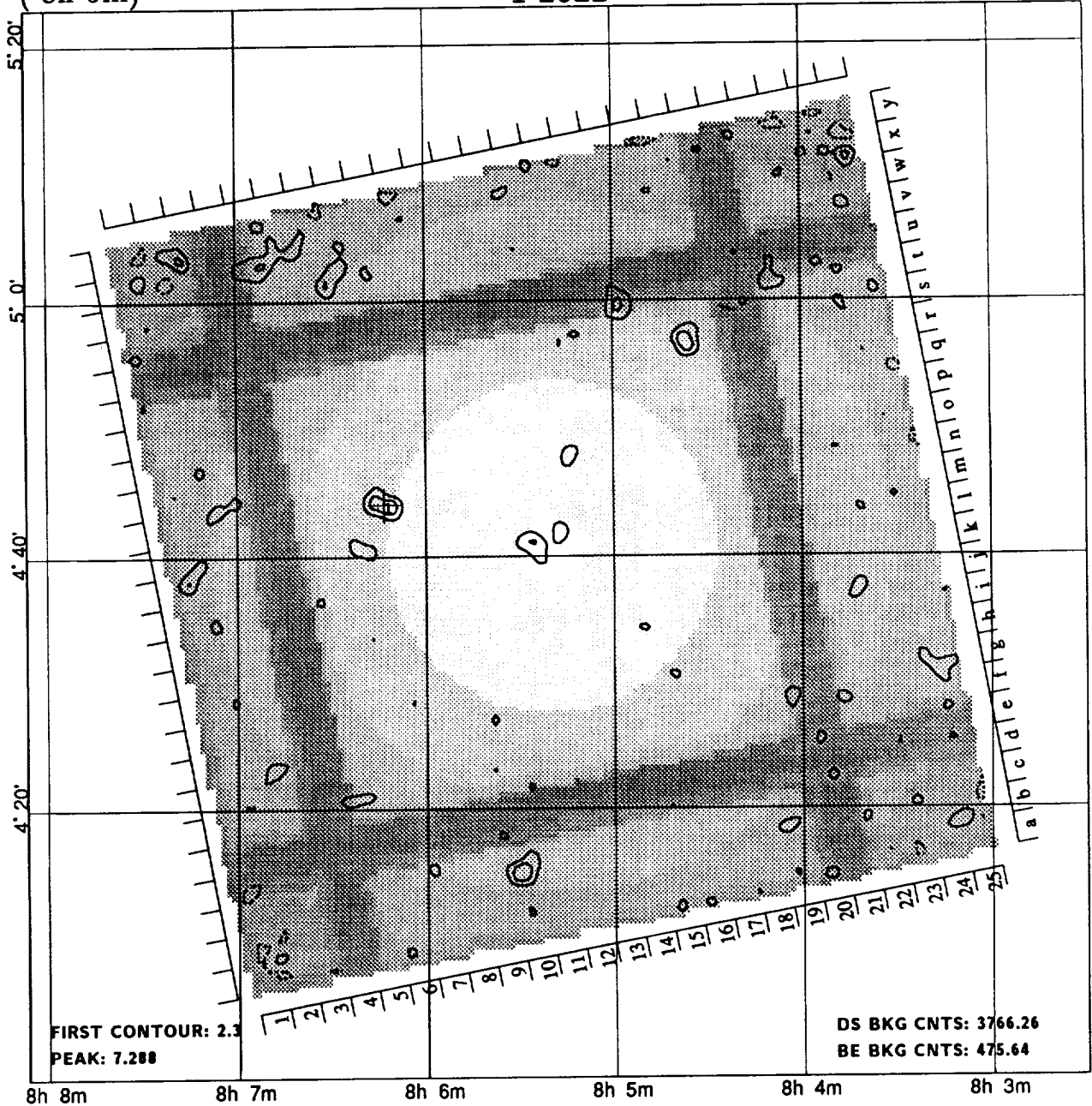
NH: $4.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $08^h 05^m 18.0^s$ $04^\circ 40' 58''$ (B1950)
 $08^h 07^m 56.3^s$ $04^\circ 32' 12''$ (J2000)
 $l: 217.70$ $b: 19.07$

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

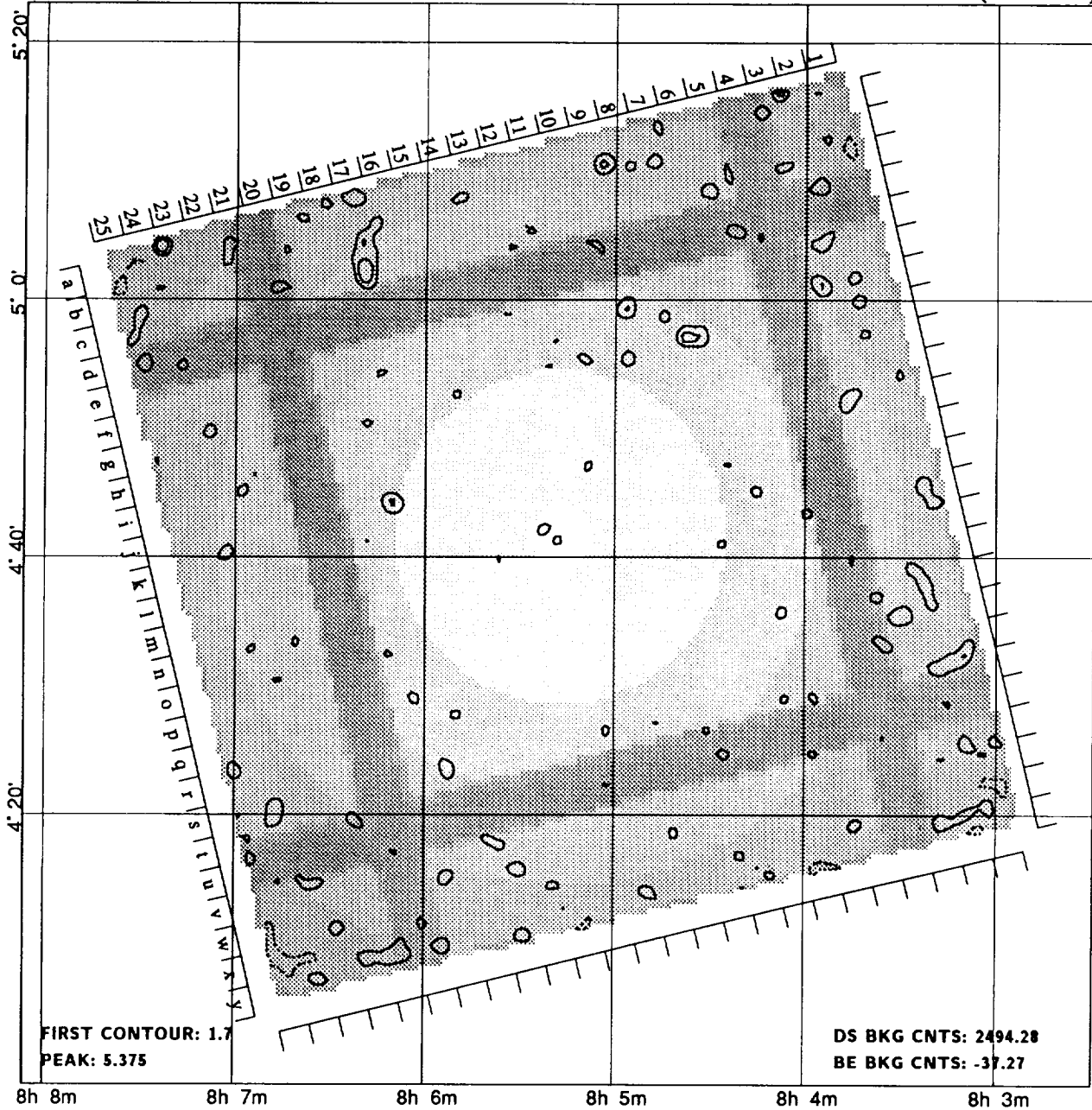
NH: $3.5E+20$
 REF/ID: 1
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(8h 5m)

I 2021

(8h 5m)



4C 05.34: STUDY, QUASARS

FIELD CENTER: $08^h 05^m 18.0^s$ $04^\circ 40' 59''$ (B1950)
 $08^h 07^m 56.3^s$ $04^\circ 32' 14''$ (J2000)
 $l: 217.70$ $b: 19.07$

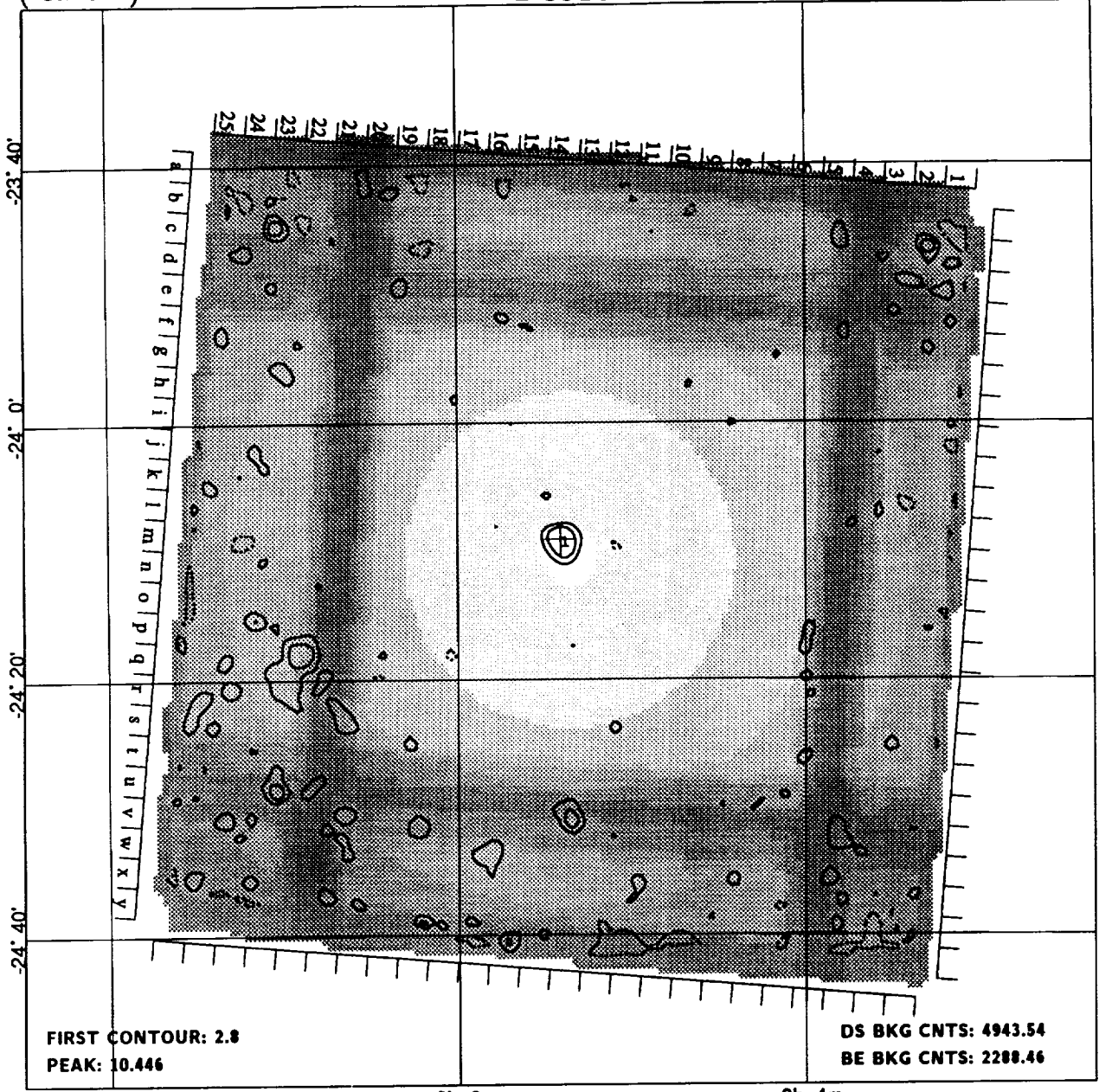
DATE: 1979/117 - 1979/117
 LIVETIME: 2021.2s
 ROLL ANGLE: 76.3°

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

(8h 5m)

I 8916

(8h 5m)



FIRST CONTOUR: 2.8
 PEAK: 10.446

DS BKG CNTS: 4943.54
 BE BKG CNTS: 2288.46

8h 8m

8h 6m

8h 4m

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°

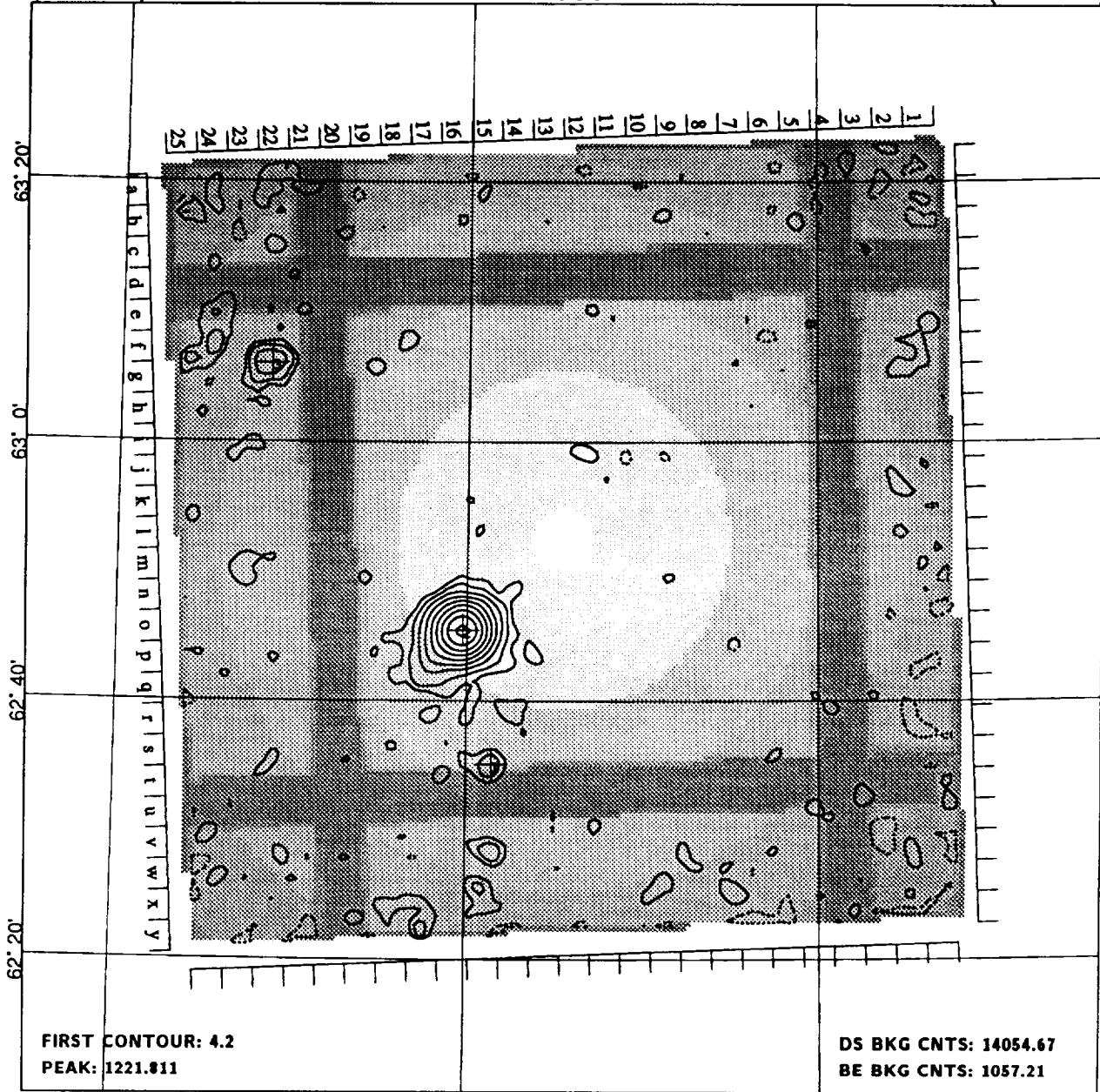
NH: 2.2E+21
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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	

(8h 6m)

I 8357

(8h 6m)



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°

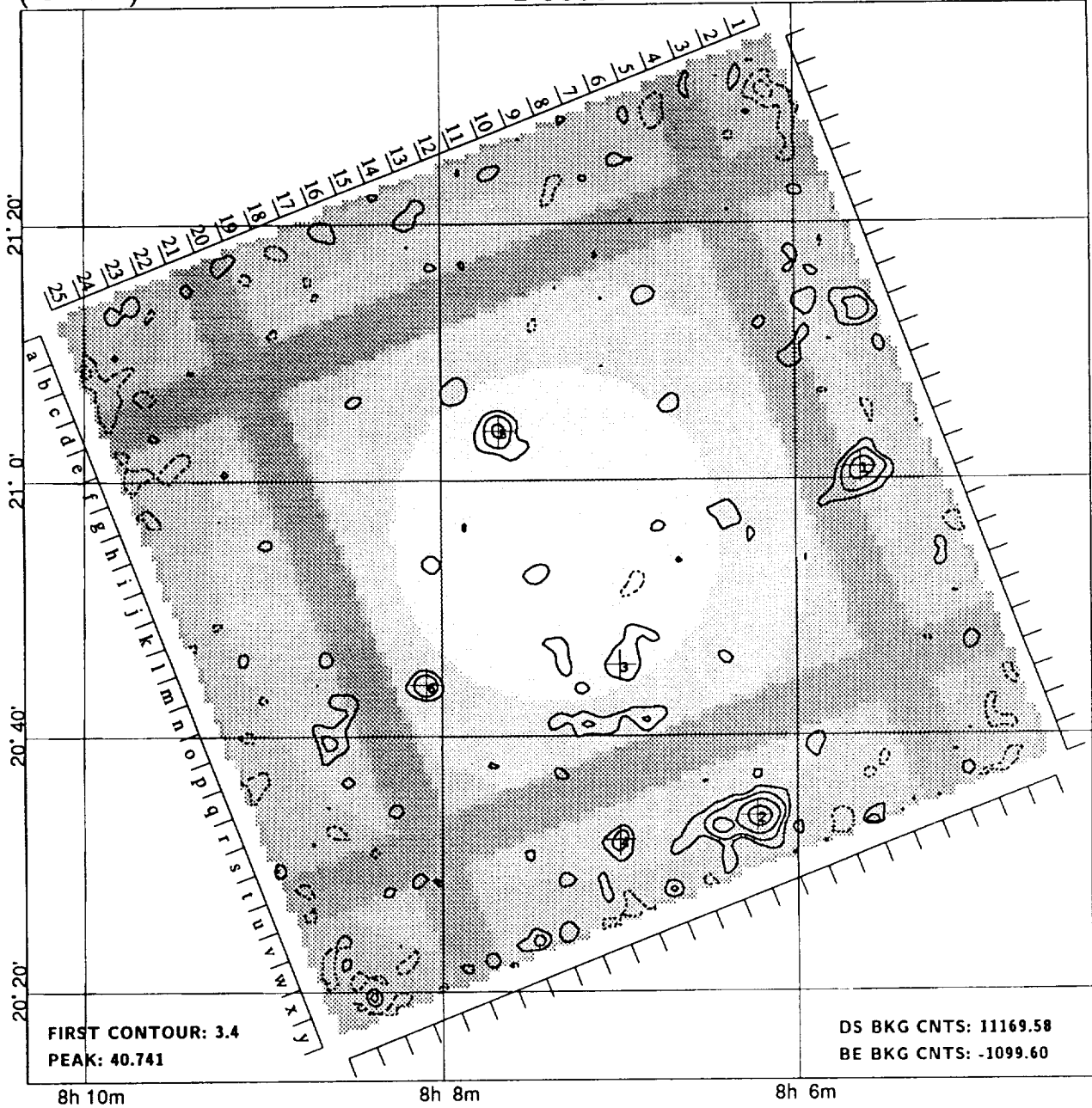
NH: 4.3E+20
 REF/ID:
 FIELD FLAGS:

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°

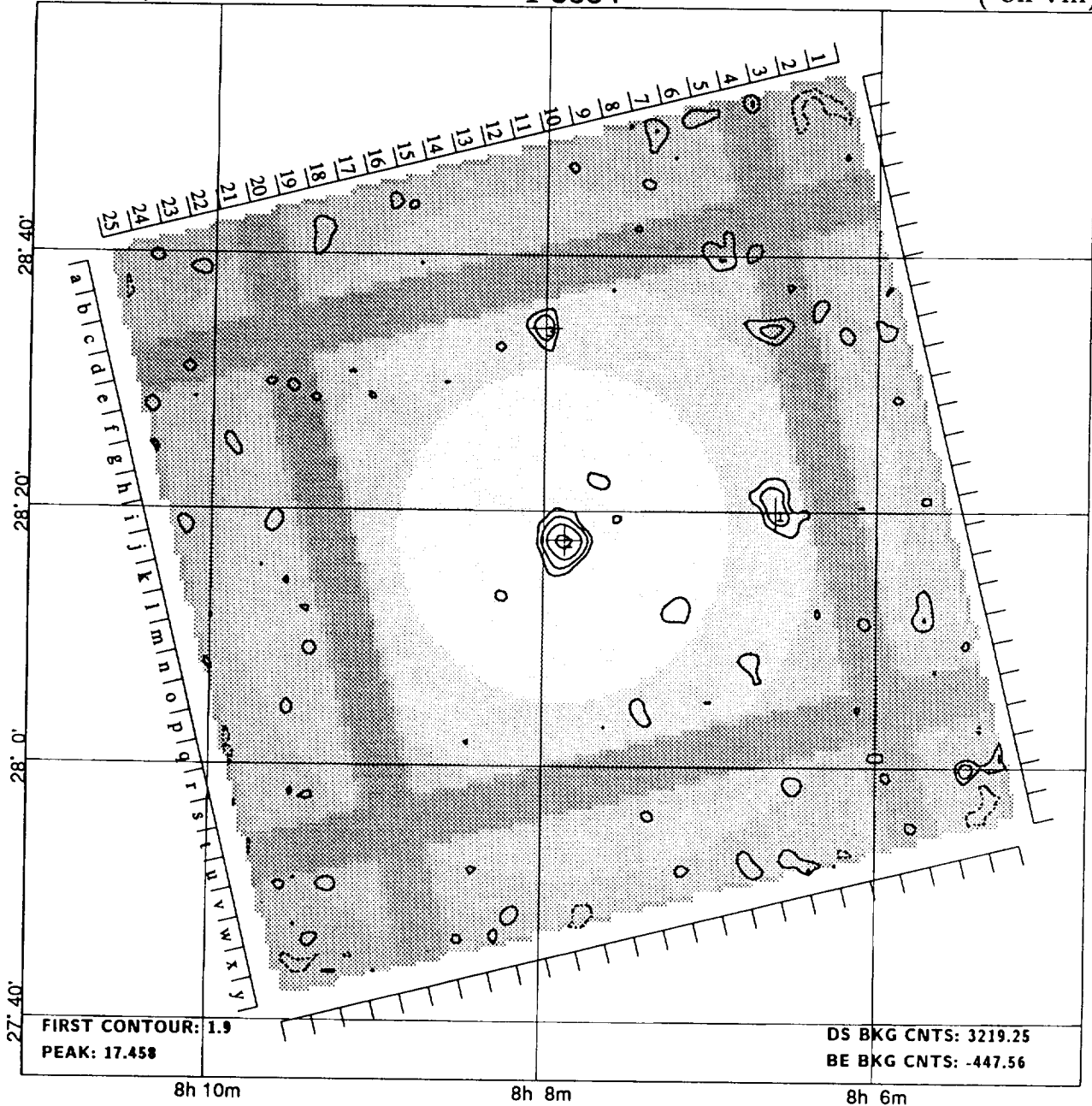
NH: 4.0E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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°

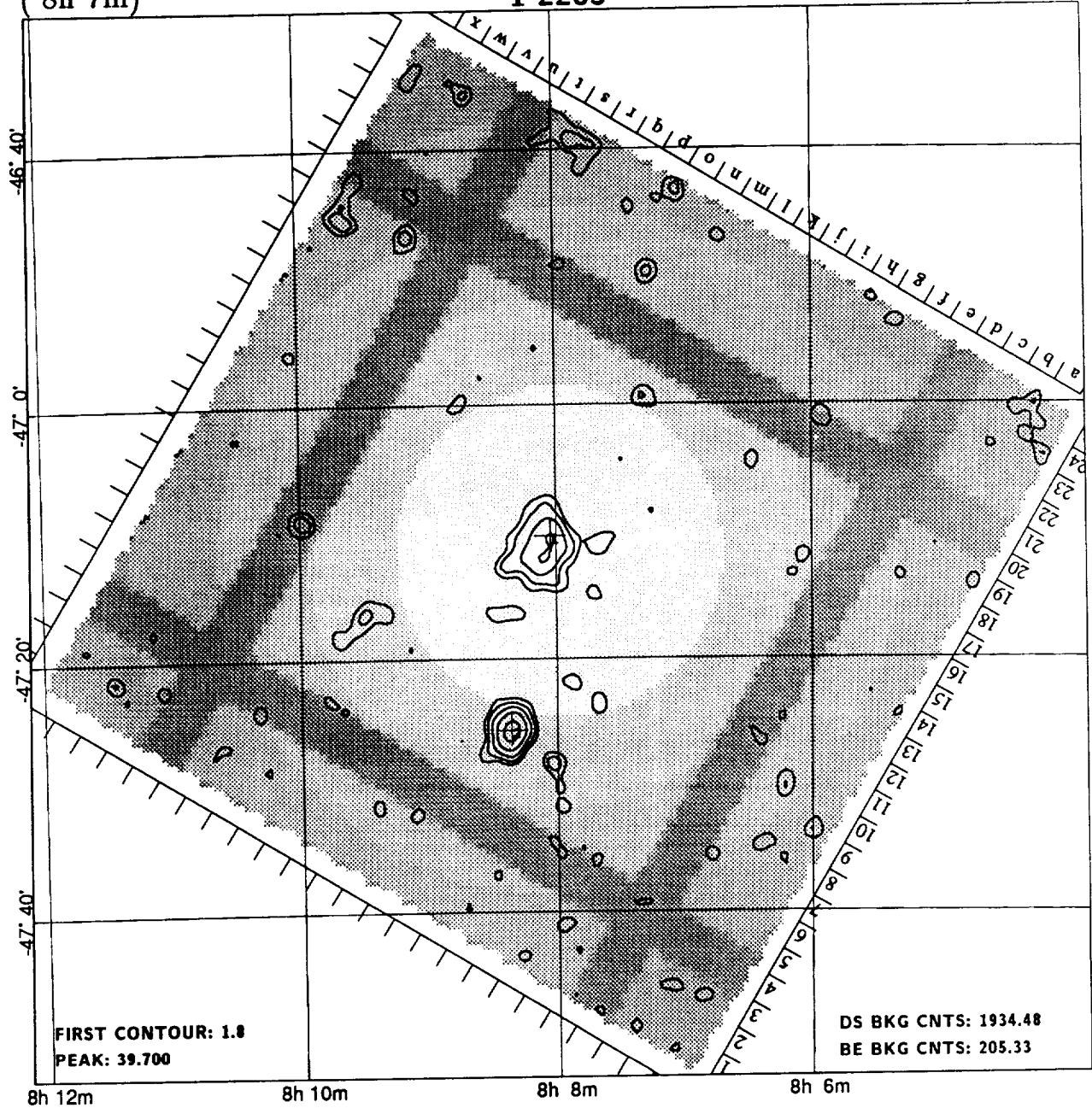
NH: 3.7E+20
 REF/ID: CV
 FIELD FLAGS:

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: $08^h 07^m 58.8^s$ $-47^\circ 10' 58''$ (B1950)
 $08^h 09^m 31.3^s$ $-47^\circ 19' 52''$ (J2000)
 $l: 262.80$ $b: -7.68$

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

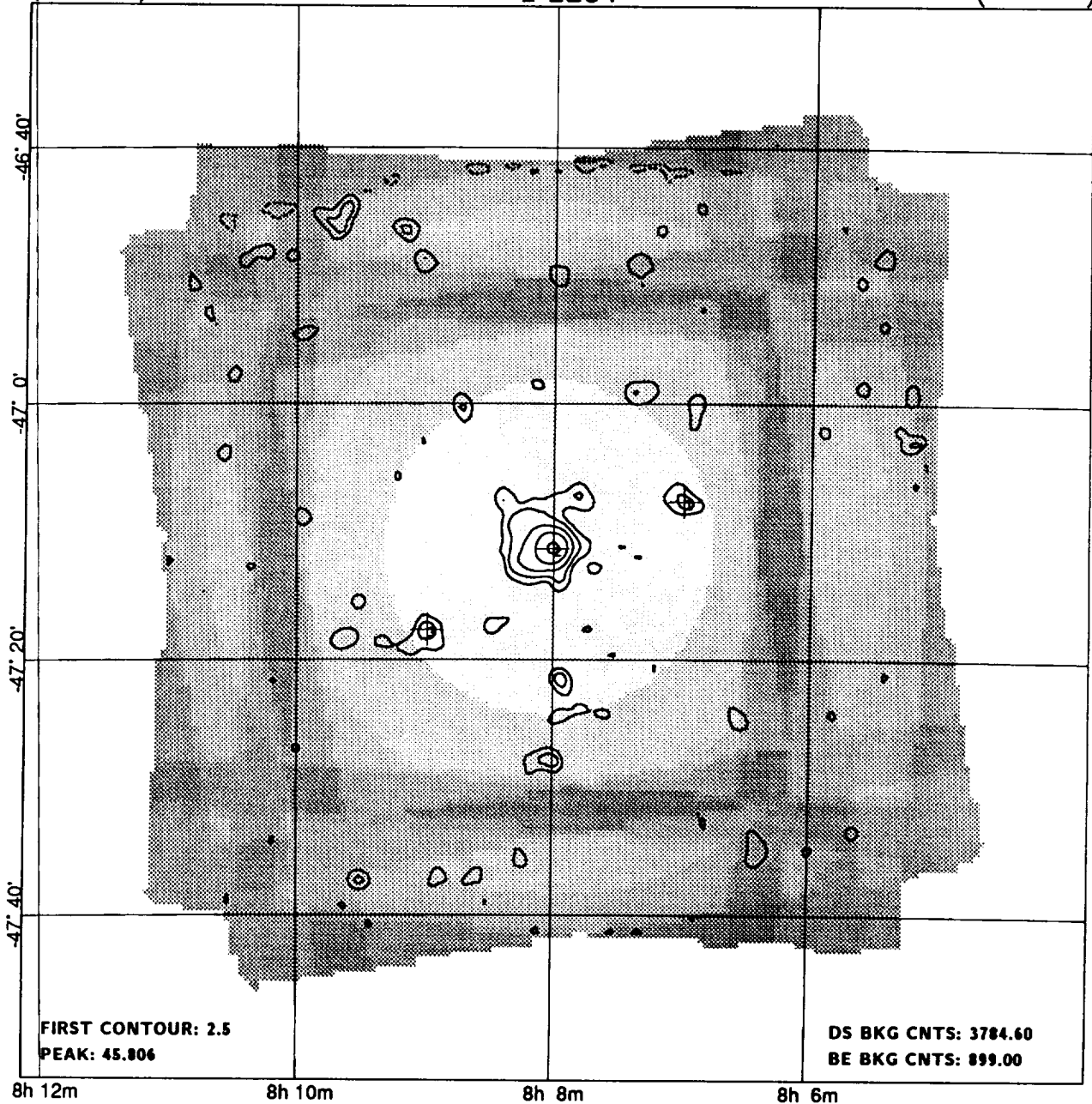
NH: $1.7E+21$
 REF/ID: S
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE \pm	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	

(8h 7m)

I 2284

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

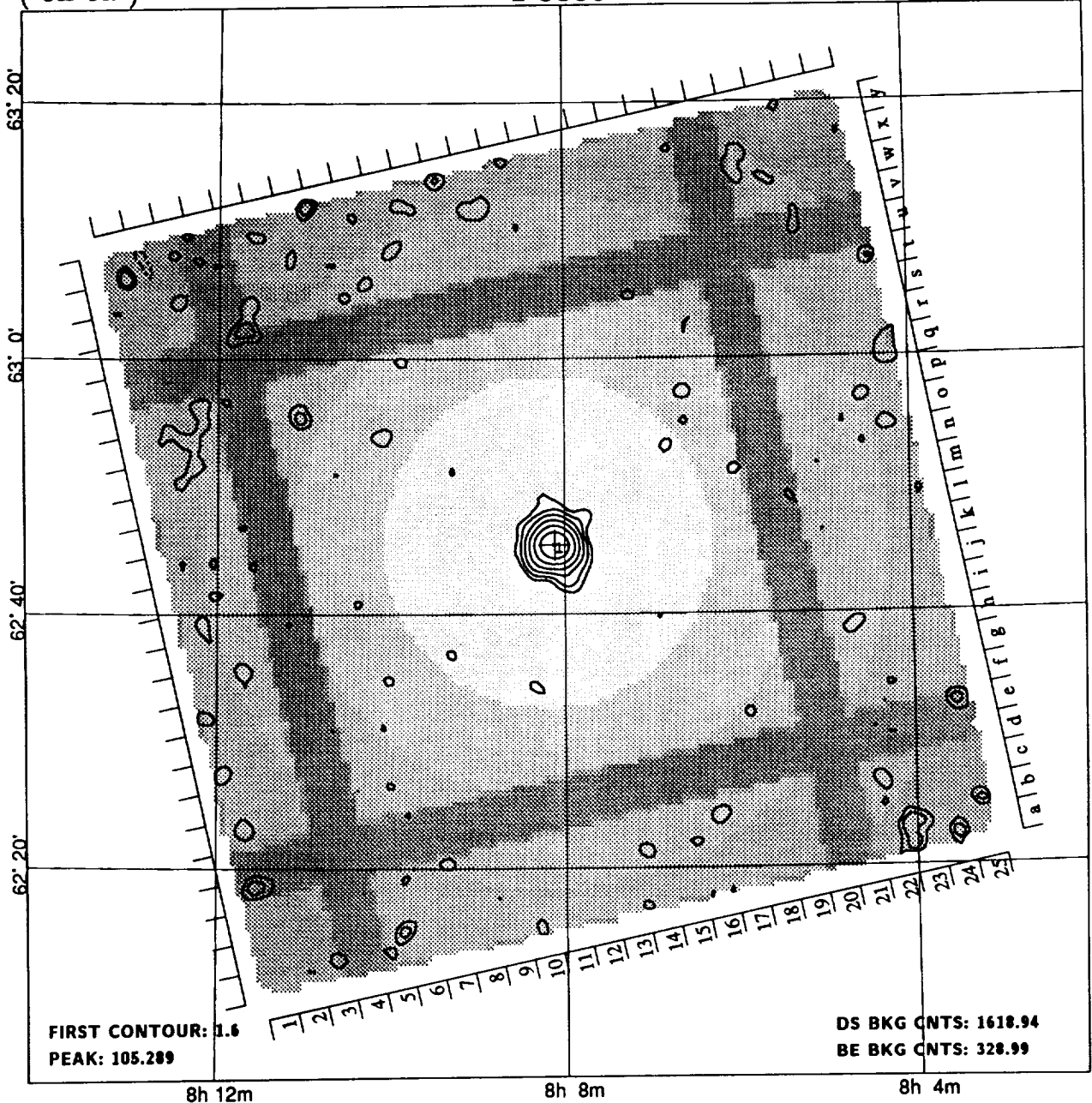
NH: 1.7E+21
 REF/ID: S
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(8h 8m)

I 3355

(8h 8m)



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°

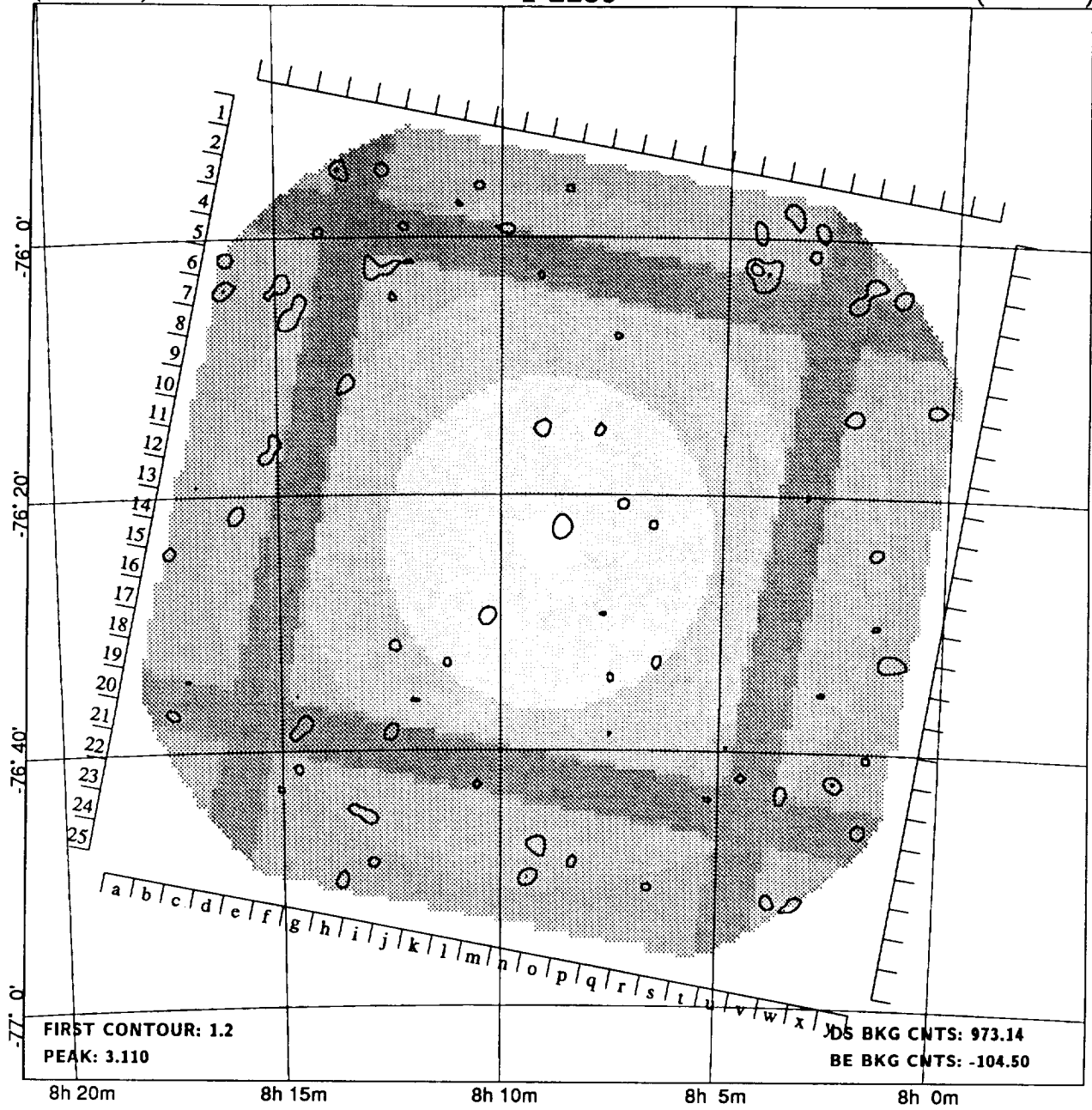
NH: 4.2E+20
 REF/ID: CV
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(8h 8m)

I 2259

(8h 8m)



STELLAR SURVEY-CATAclysmic VARIABLES: Z CHA

FIELD CENTER: $08^h 08^m 44.0^s$ $-76^\circ 23' 57''$ (B1950)
 $08^h 07^m 22.1^s$ $-76^\circ 32' 48''$ (J2000)
 $l: 289.20$ $b: -22.09$

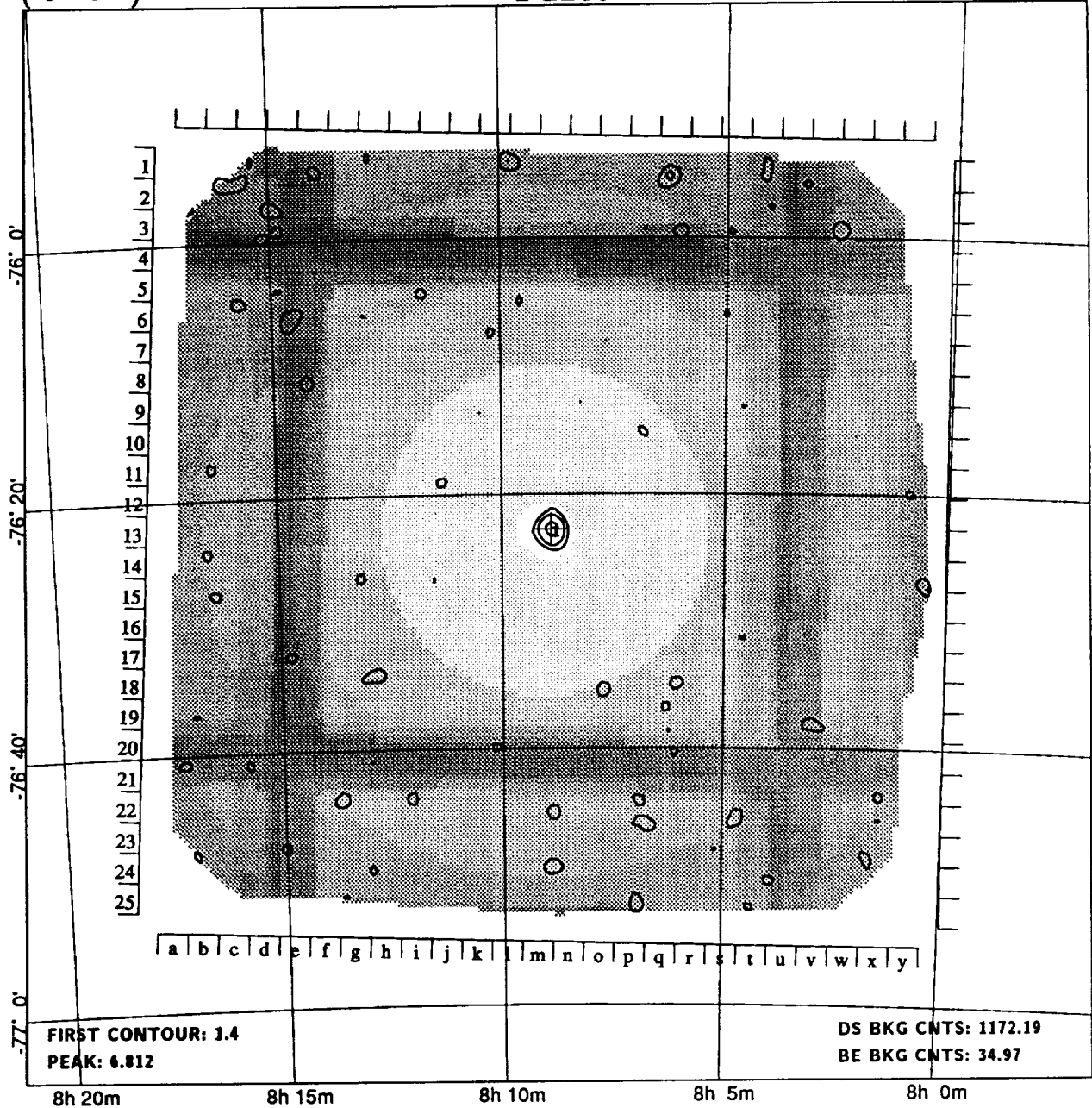
DATE: 1979/193 - 1979/193
 LIVETIME: 788.6s
 ROLL ANGLE: 10.5°

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

(8h 8m)

I 2260

(8h 8m)



FIRST CONTOUR: 1.4
PEAK: 6.812

DS BKG CNTS: 1172.19
BE BKG CNTS: 34.97

STELLAR SURVEY-CATAclysmic VARIABLES: Z CHA

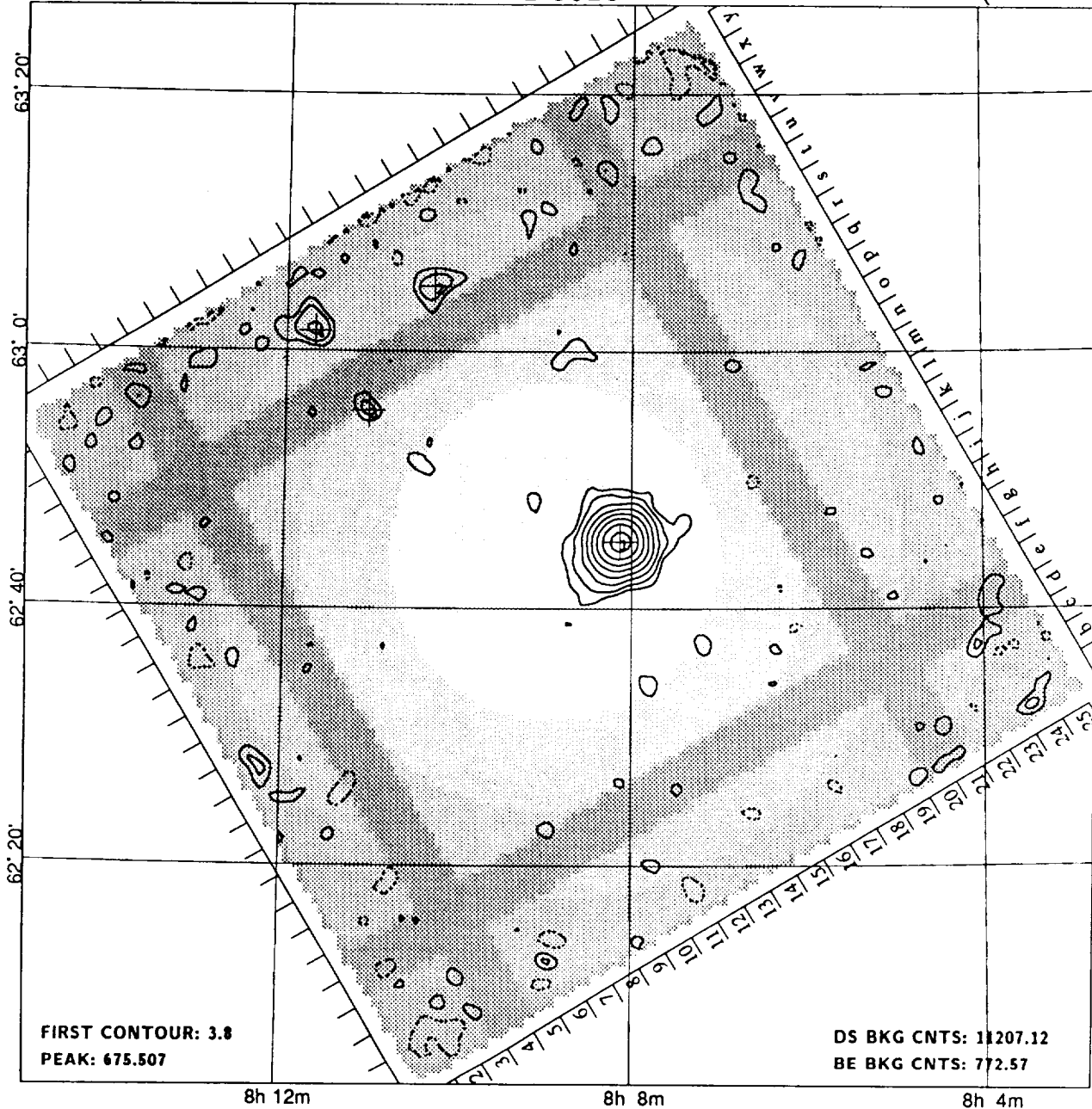
FIELD CENTER: $08^h 08^m 44.0^s$ $-76^\circ 23' 57''$ (B1950) DATE: 1979/202 - 1979/202 NH: $1.2E+21$
 $08^h 07^m 22.1^s$ $-76^\circ 32' 48''$ (J2000) LIVETIME: 949.8s REF/ID:
 $l: 289.20$ $b: -22.09$ ROLL ANGLE: 1.5° FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(8h 8m)

I 8018

(8h 8m)



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°

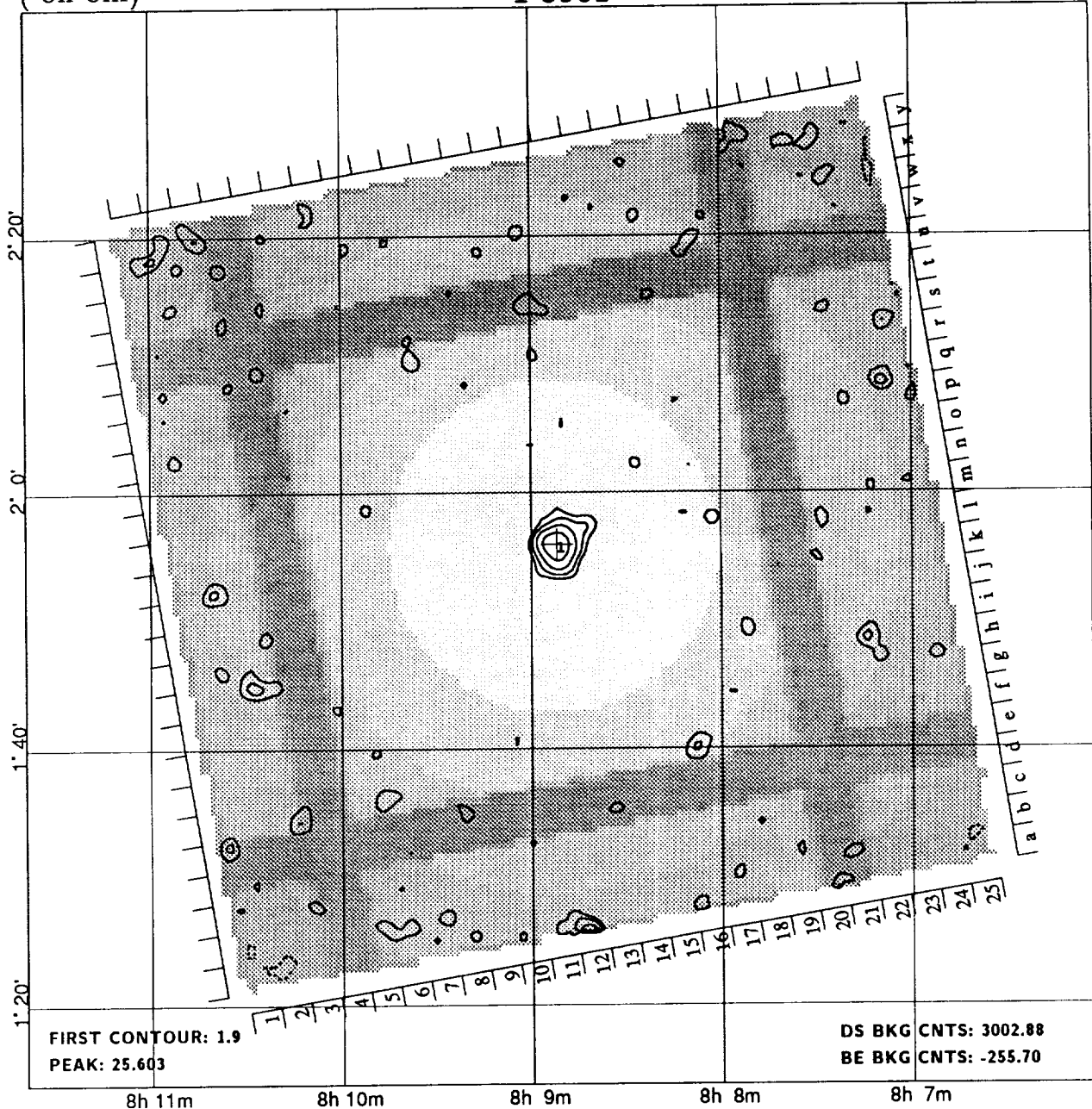
NH: 4.2E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE ±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(8h 8m)

I 3901

(8h 8m)



FIRST CONTOUR: 1.9
 PEAK: 25.603

DS BKG CNTS: 3002.88
 BE BKG CNTS: -255.70

8h 11m

8h 10m

8h 9m

8h 8m

8h 7m

0808+019, BL-LAC OBJECT

FIELD CENTER: $08^h 08^m 51.1^s$ $01^\circ 55' 49''$ (B1950)
 $08^h 11^m 26.6^s$ $01^\circ 46' 50''$ (J2000)
 $l: 220.71$ $b: 18.57$

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

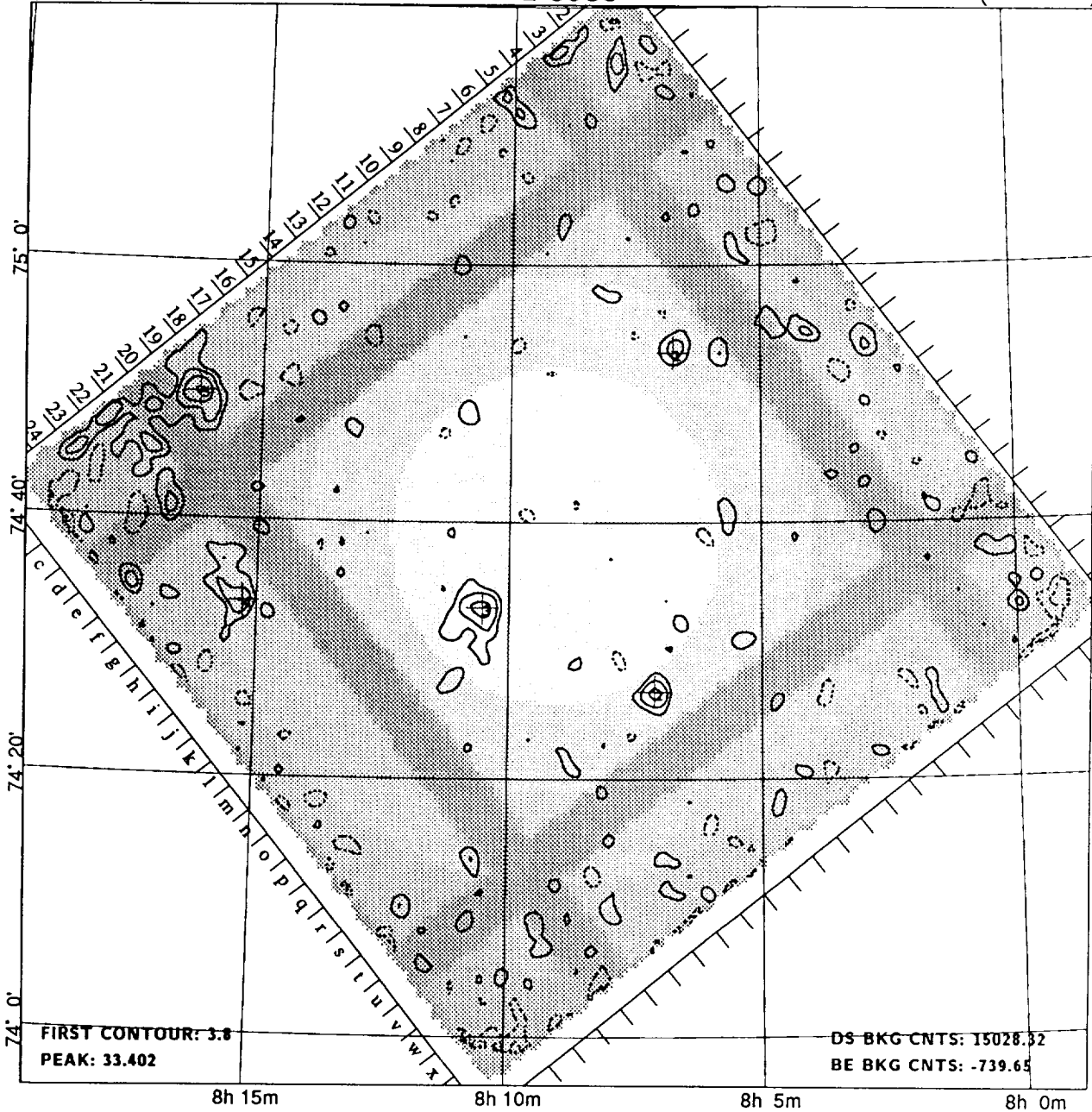
NH: $4.0E+20$
 REF/ID:
 FIELD FLAGS:

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

(8h 9m)

I 5933

(8h 9m)



FIRST CONTOUR: 3.8
 PEAK: 33.402

DS-BKG CNTS: 15028.32
 BE BKG CNTS: -739.65

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°

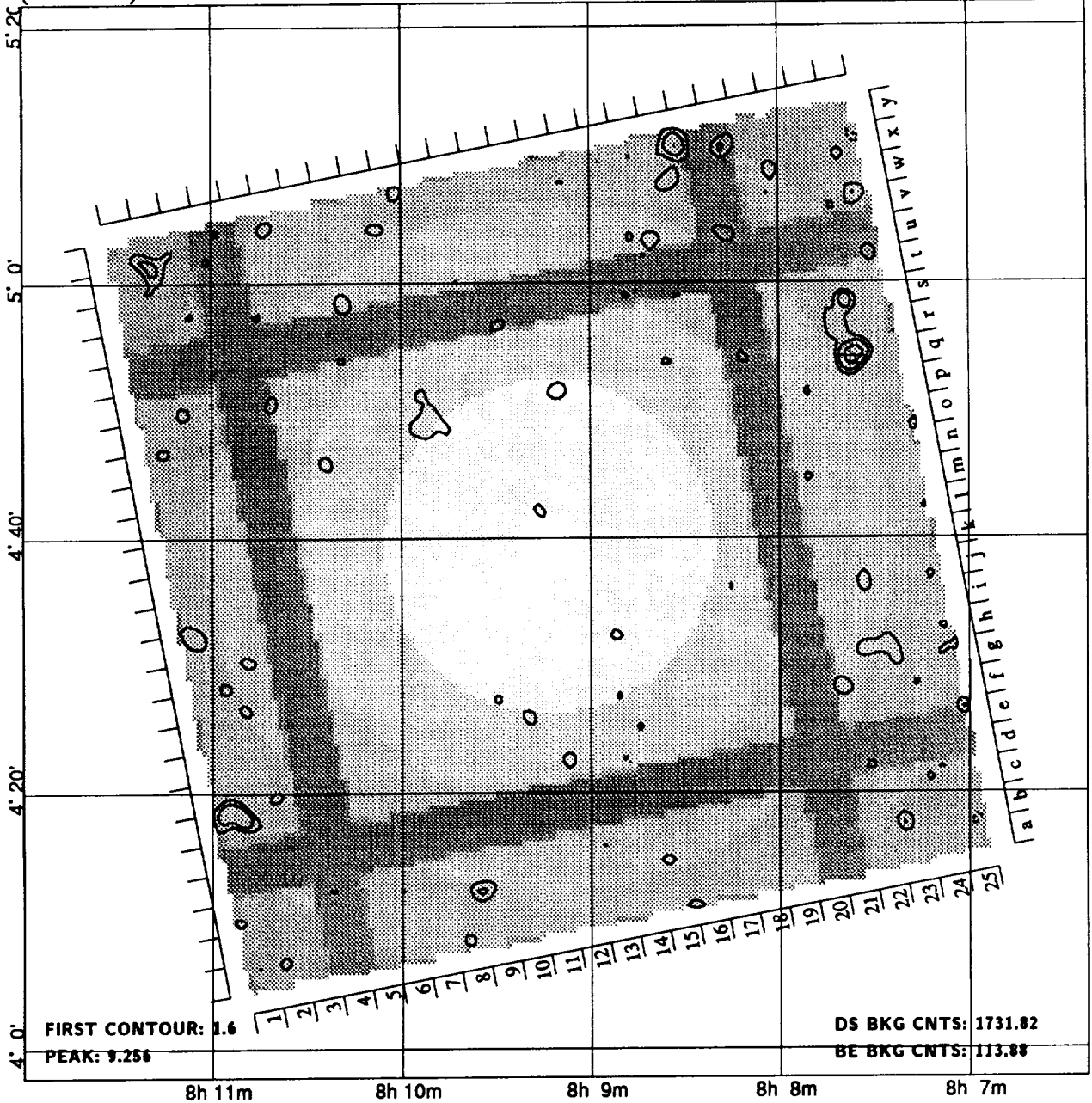
NH: 2.7E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
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)



FIRST CONTOUR: 1.6
PEAK: 9.256

DS BKG CNTS: 1731.82
BE BKG CNTS: 113.88

8h 11m 8h 10m 8h 9m 8h 8m 8h 7m

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°

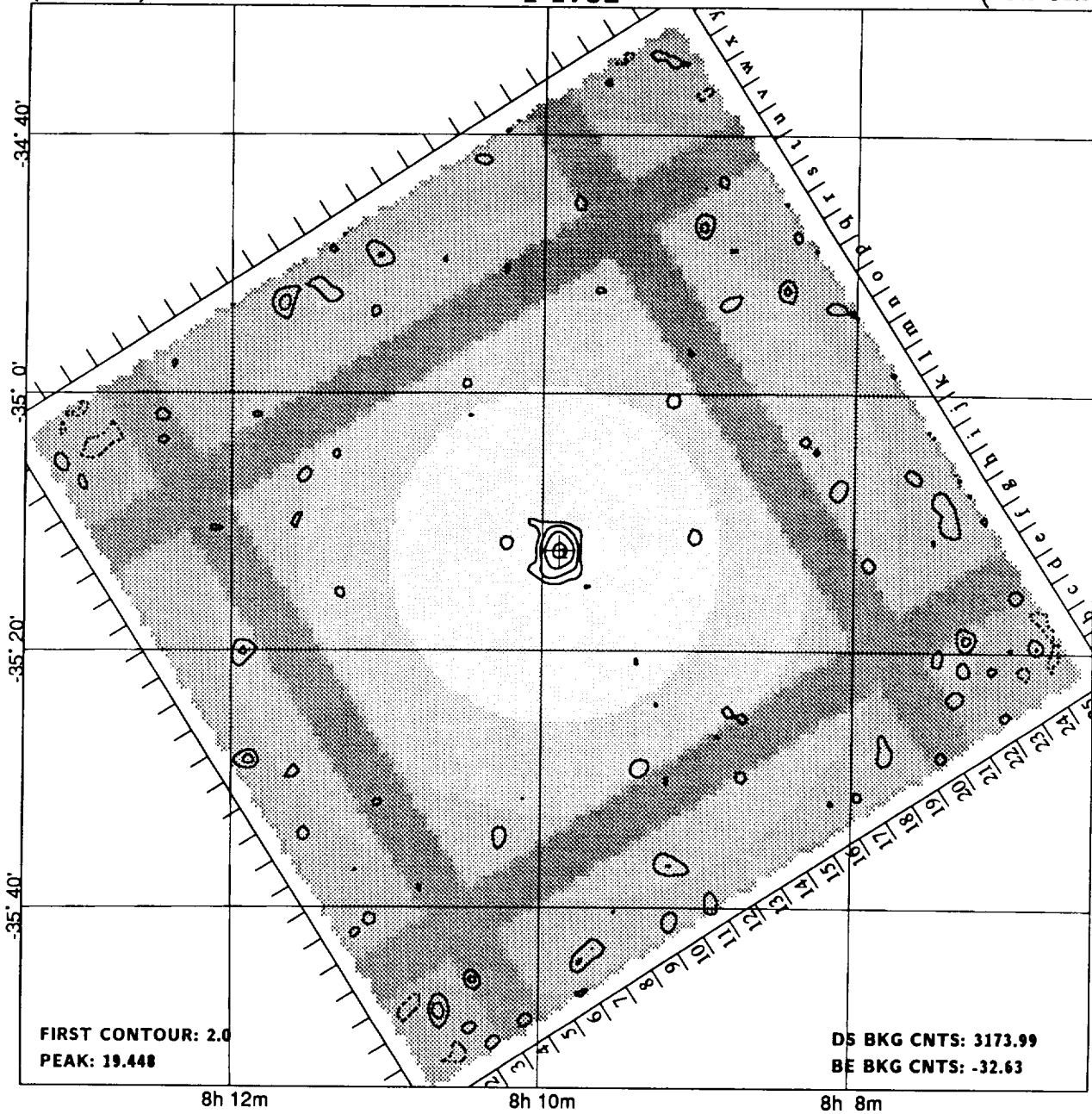
NH: 3.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $08^h 09^m 54.0^s$ $-35^\circ 11' 59''$ (B1950)
 $08^h 11^m 47.9^s$ $-35^\circ 21' 01''$ (J2000)
 $l: 252.93$ $b: -0.83$

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

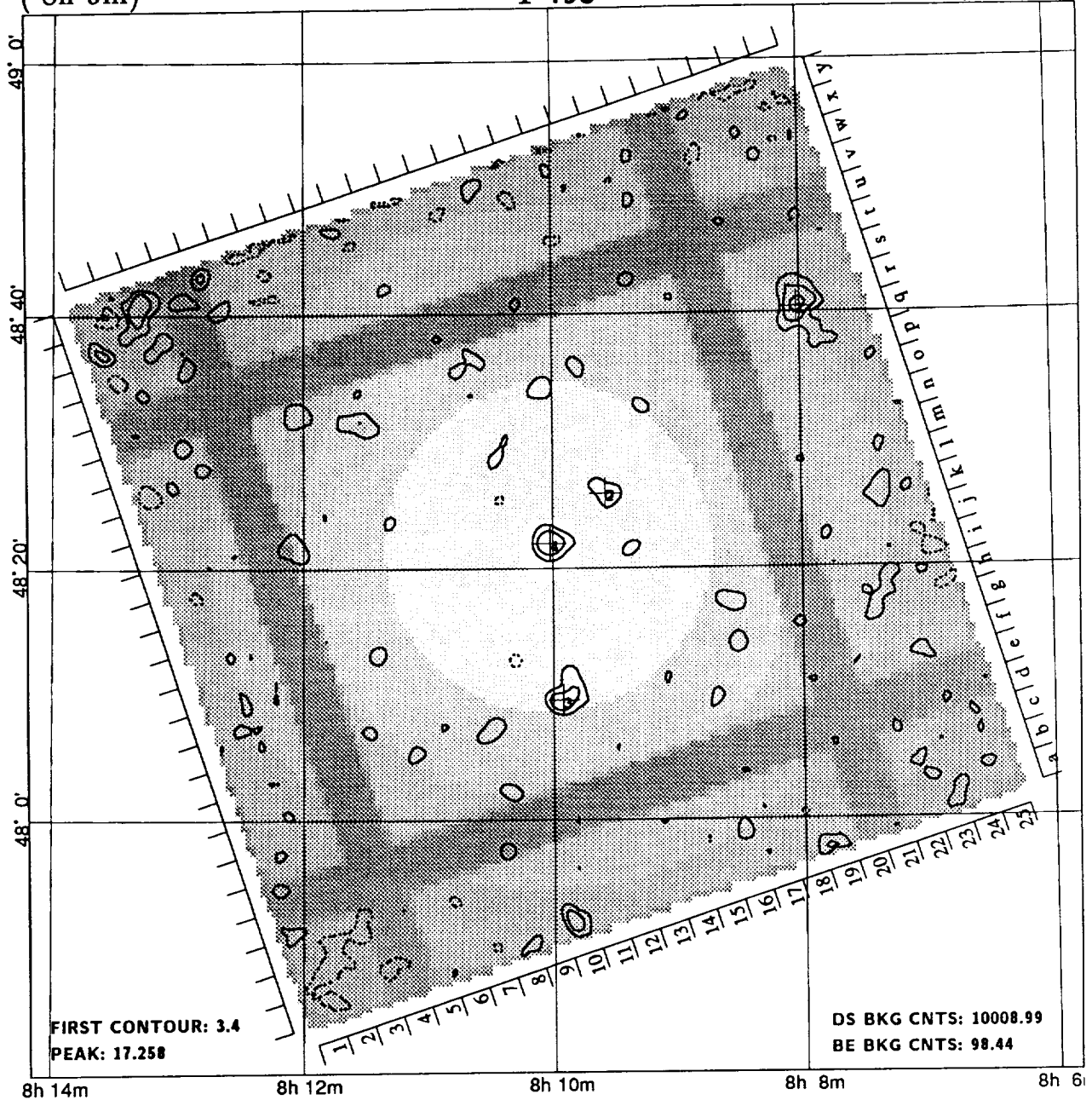
NH: 6.3E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(8h 9m)

I 493

(8h 9m)



3CR 196 (QSO 0809+483) QUASAR SURVEY

FIELD CENTER: $08^h 09^m 59.4^s$ $48^\circ 22' 07''$ (B1950)
 $08^h 13^m 36.0^s$ $48^\circ 13' 02''$ (J2000)
 $l: 171.17$ $b: 33.24$

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

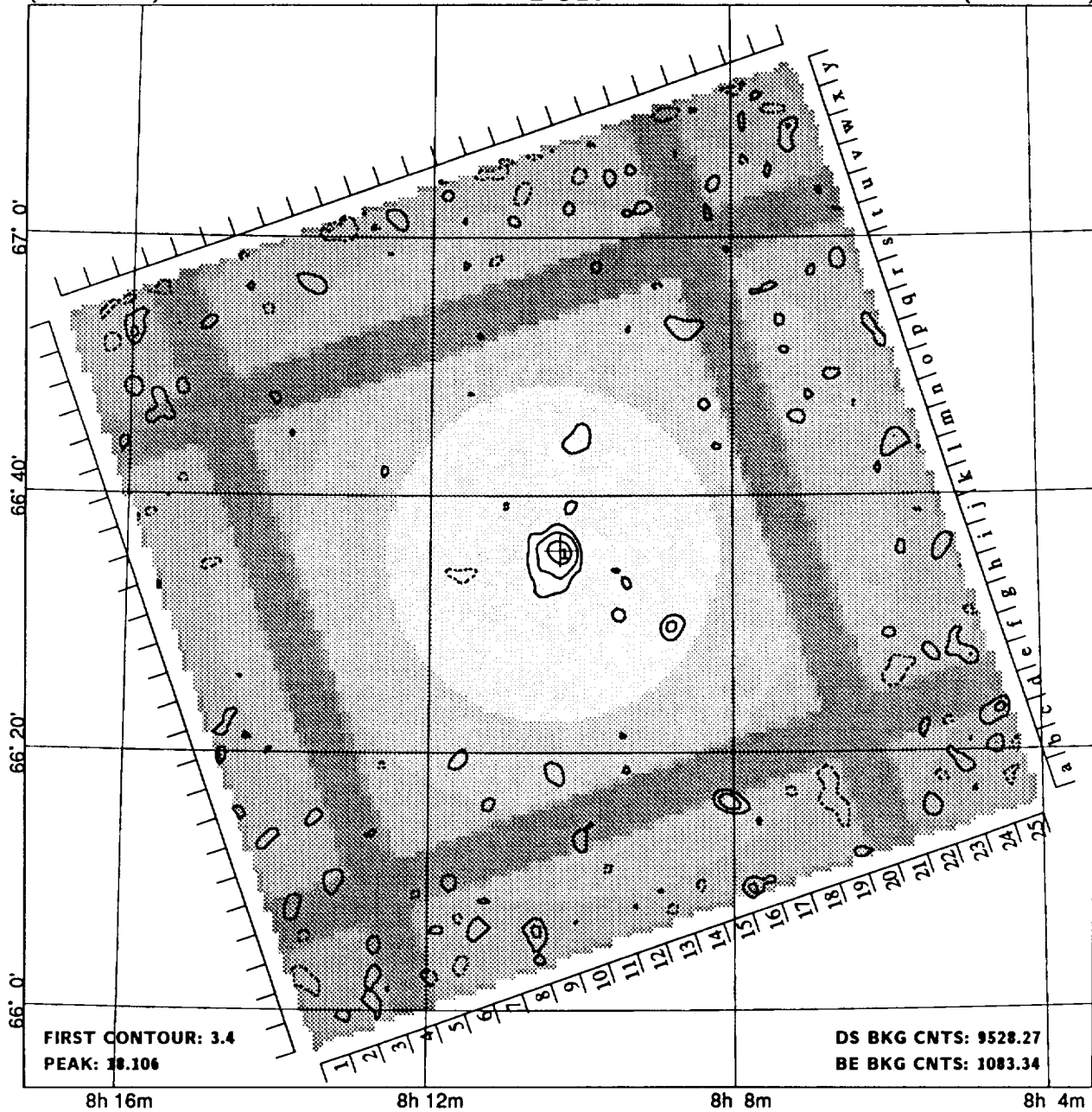
NH: $4.6E+20$
 REF/ID:
 FIELD FLAGS:

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

(8h 10m)

I 317

(8h 10m)



A 629 CLUSTERS WITH TAILED RADIO SOURCES

FIELD CENTER: $08^h 10^m 18.0^s$ $66^\circ 35' 59''$ (B1950)
 $08^h 15^m 00.5^s$ $66^\circ 26' 51''$ (J2000)
 $l: 149.37$ $b: 33.01$

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

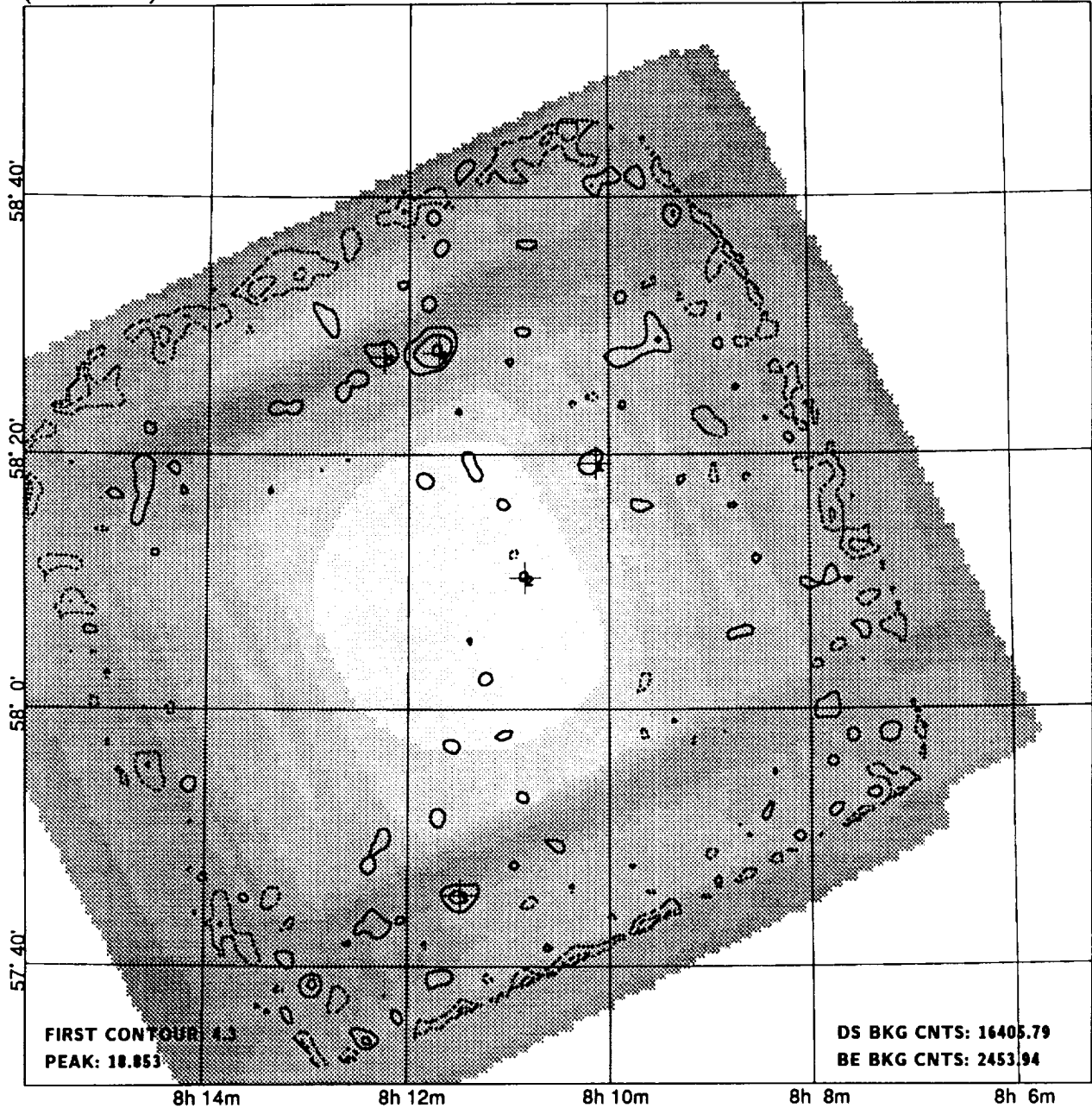
NH: $4.3E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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:

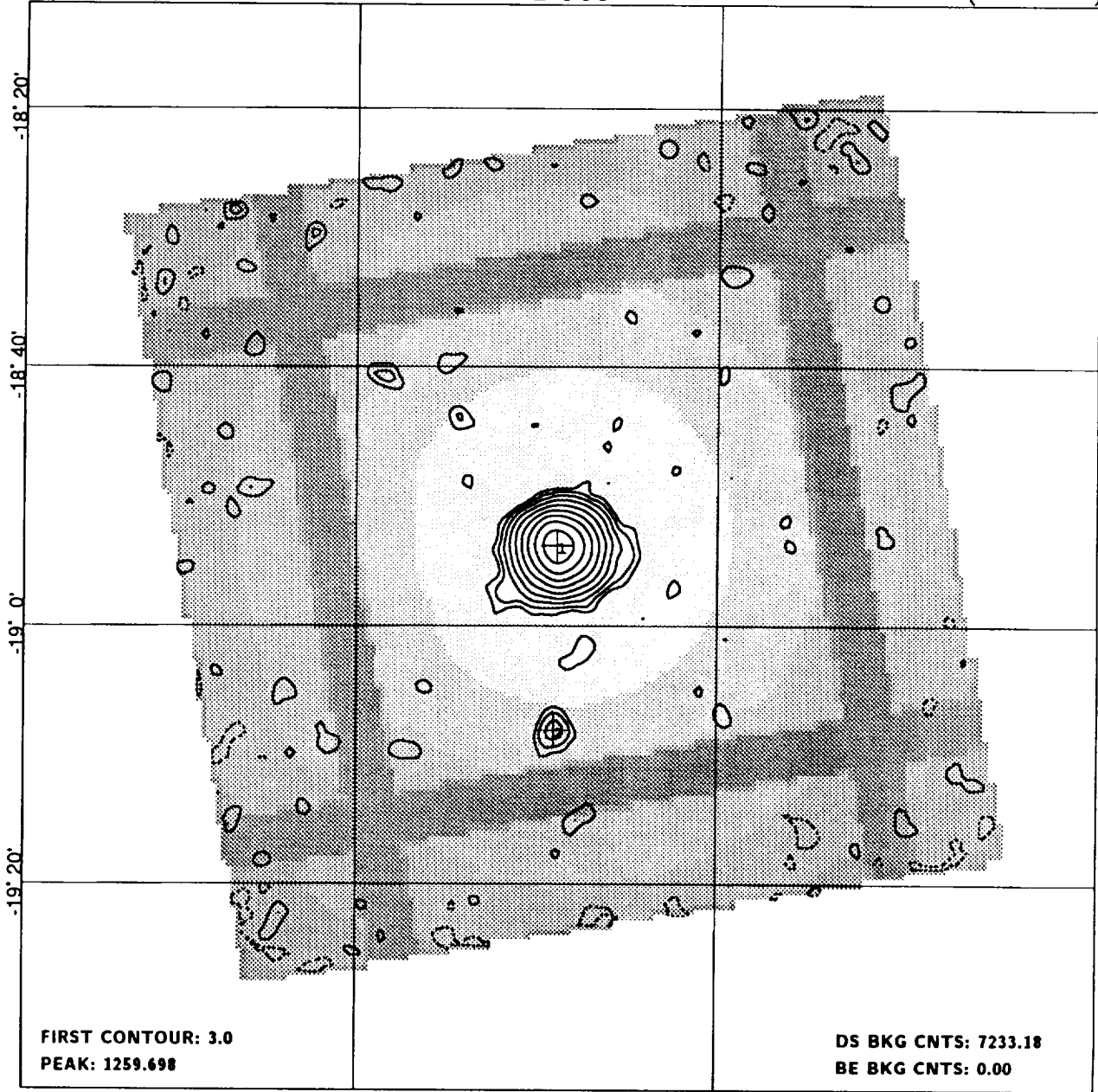
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE ±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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	

(8h 12m)

I 909

(8h 12m)



8h 14m

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

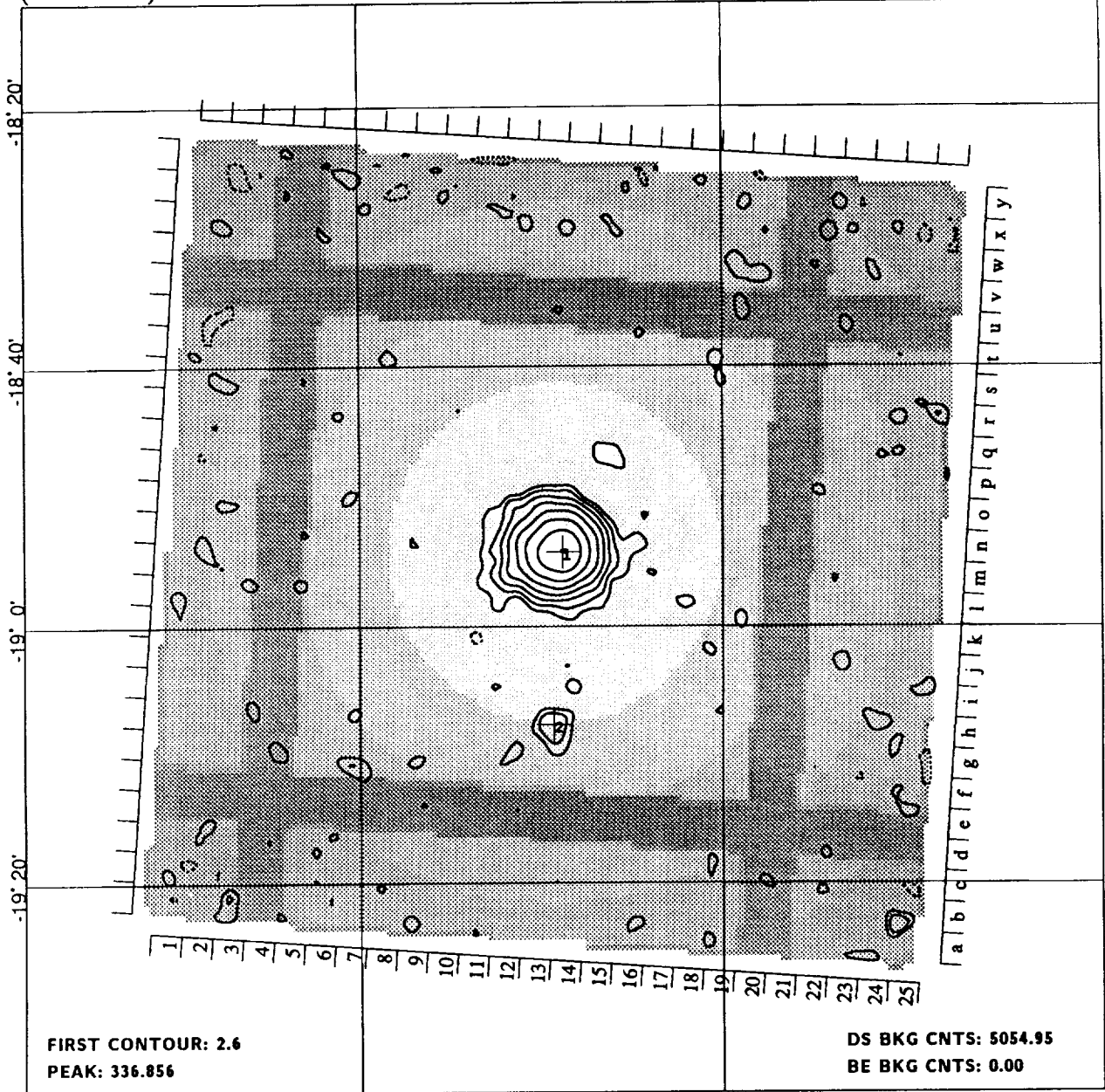
NH: 1.0E+21
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm ''	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
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)



8h 14m

8h 12m

VV PUP STELLAR OBSERVATIONS, VARIABLE STARS

FIELD CENTER: $08^h 12^m 52.5^s$ $-18^\circ 53' 58''$ (B1950)
 $08^h 15^m 07.1^s$ $-19^\circ 03' 12''$ (J2000)
 $l: 239.65$ $b: 8.71$

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

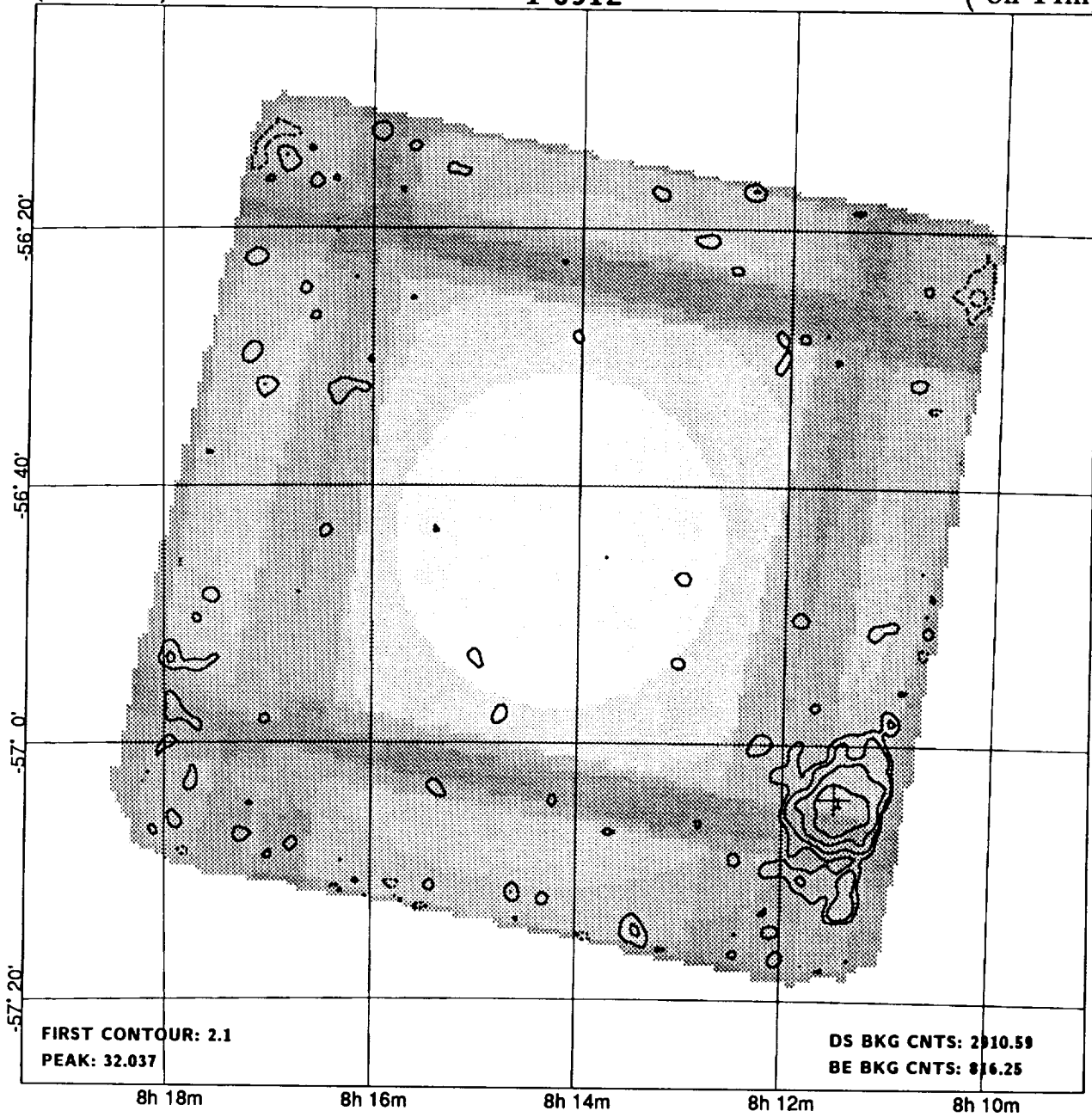
NH: $1.0E+21$
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	*

(8h 14m)

I 6912

(8h 14m)



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

FIELD CENTER: 08^h 14^m 12.0^s -56° 44' 59" (B1950)
 08^h 15^m 20.6^s -56° 54' 15" (J2000)
 l : 271.52 b : -12.01

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

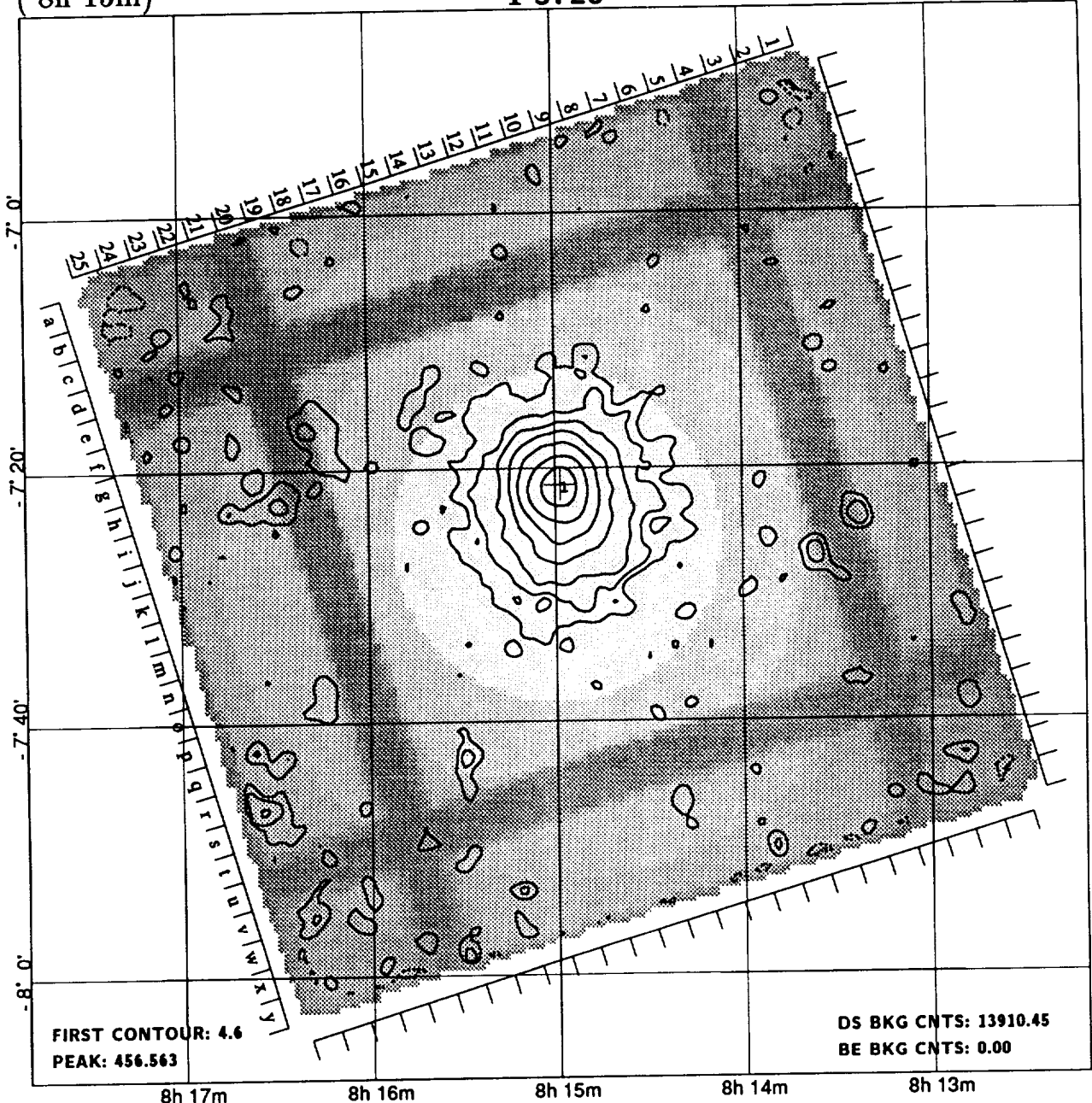
NH: 1.7E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(8h 15m)

I 5728

(8h 15m)



FIRST CONTOUR: 4.6
 PEAK: 456.563

DS BKG CNTS: 13910.45
 BE BKG CNTS: 0.00

8h 17m 8h 16m 8h 15m 8h 14m 8h 13m

CLUSTERS WITH IPC: A644

FIELD CENTER: 08^h 15^m 00.0^s -07° 25' 59" (B1950)
 08^h 17^m 26.4^s -07° 35' 21" (J2000)
 l : 230.00 b : 15.25

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

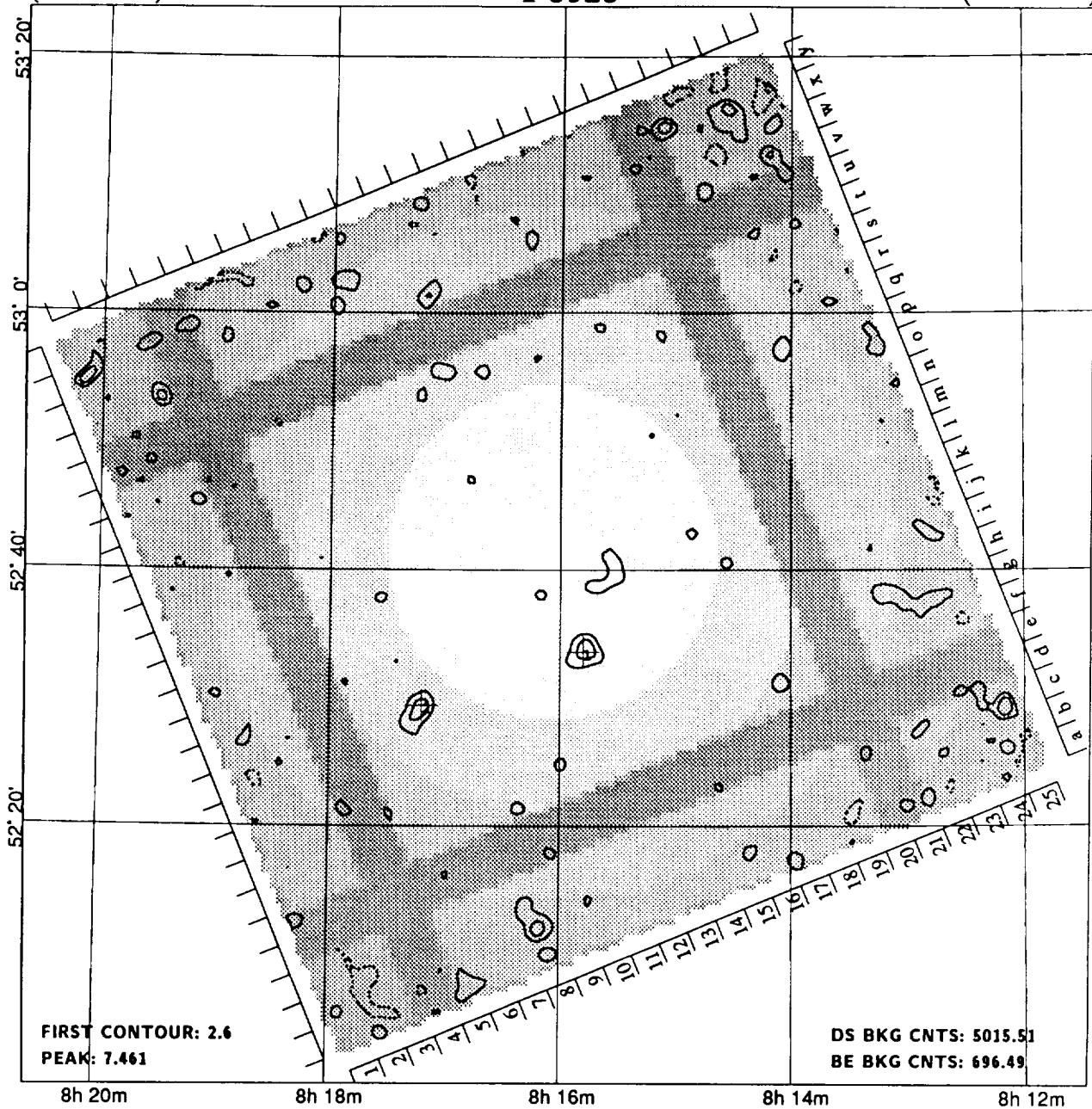
NH: 7.4E+20
 REF/ID:
 FIELD FLAGS: L

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: $08^h 16^m 02.0^s$ $52^\circ 41' 54''$ (B1950)
 $08^h 19^m 47.8^s$ $52^\circ 32' 27''$ (J2000)
 $l: 166.03$ $b: 34.44$

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

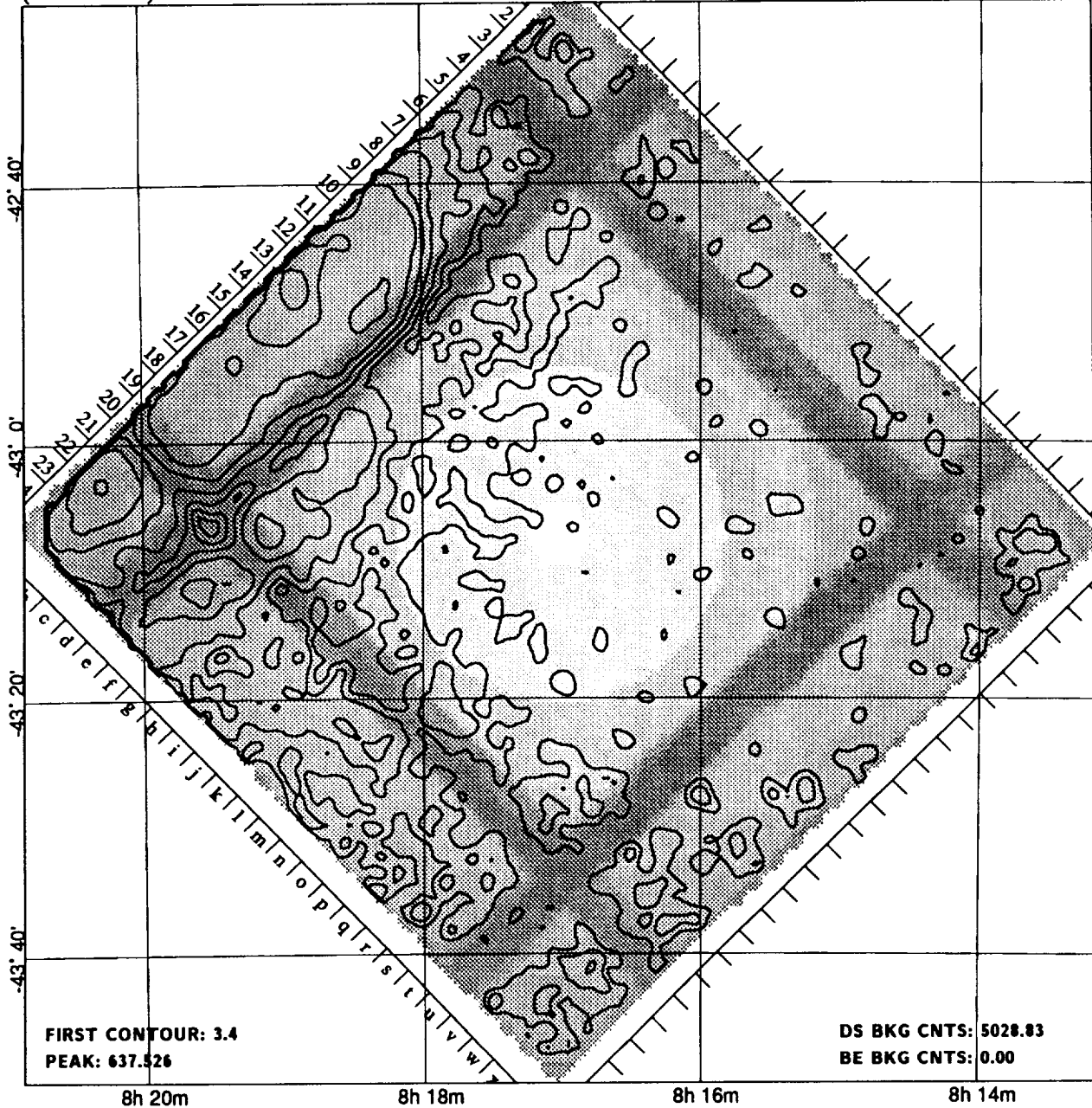
NH: $4.3E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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	

(8h 17m)

I 2155

(8h 17m)



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

FIELD CENTER: 08^h17^m00.9^s -43°07'58" (B1950)
 08^h18^m42.9^s -43°17'25" (J2000)
 l : 260.28 b : -4.12

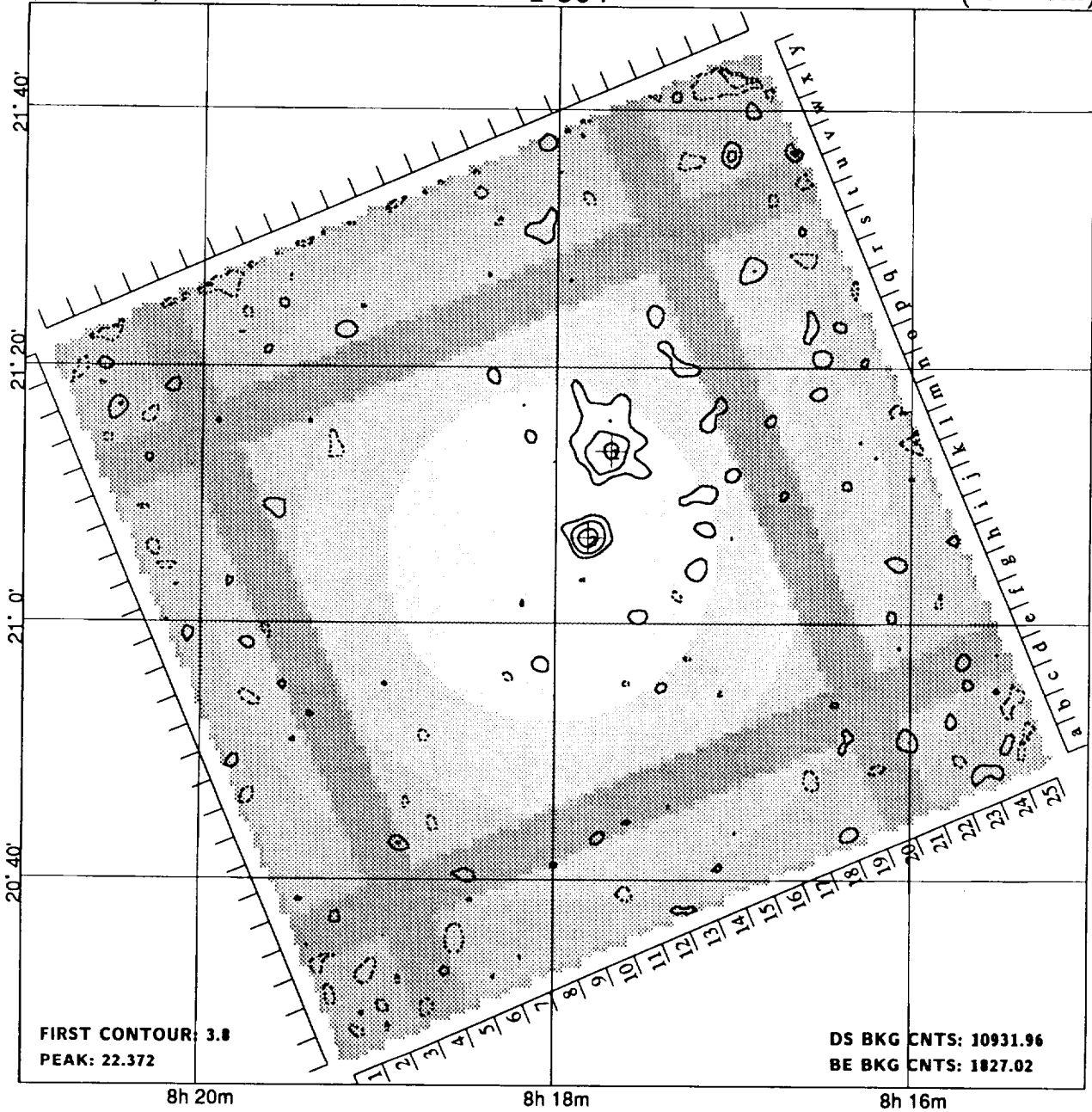
DATE: 1980/157 - 1980/158
 LIVETIME: 4075.1s
 ROLL ANGLE: 45.8°

NH: 5.1E+21
 REF/ID:
 FIELD FLAGS: DLST

(8h 18m)

I 304

(8h 18m)



CANCER CLUSTERS WITH WELL STUDIED OPTICAL PROPERTIES

FIELD CENTER: $08^h 18^m 00.0^s$ $21^\circ 05' 59''$ (B1950)
 $08^h 20^m 54.8^s$ $20^\circ 56' 27''$ (J2000)
 $l: 202.69$ $b: 28.64$

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

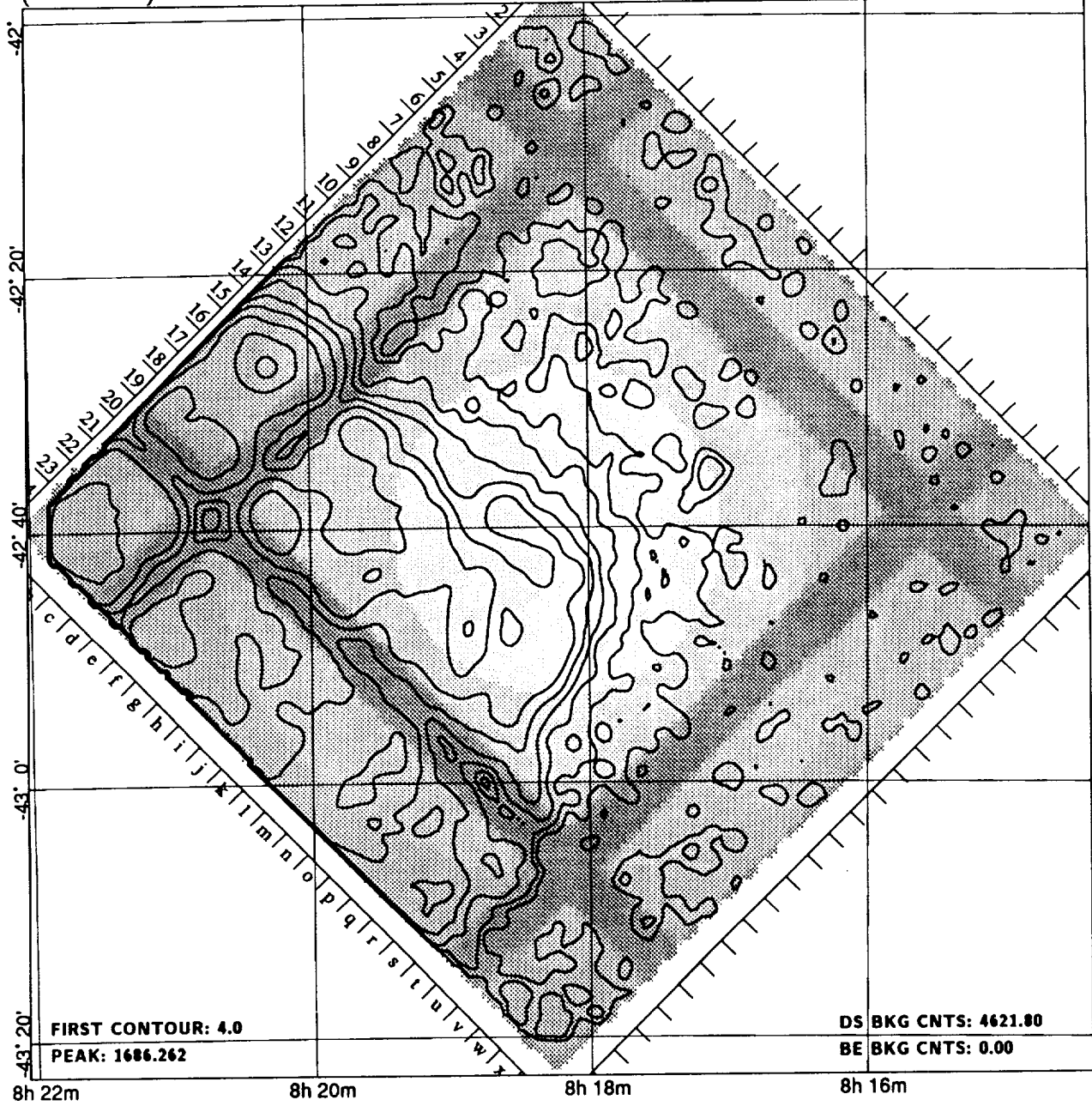
NH: $4.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(8h 18m)

I 2158

(8h 18m)



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

FIELD CENTER: $08^h 18^m 12.9^s$ $-42^\circ 40' 58''$ (B1950)
 $08^h 19^m 55.8^s$ $-42^\circ 50' 30''$ (J2000)
 $l: 260.04$ $b: -3.69$

DATE: 1980/158 - 1980/158
LIVETIME: 3745.2s
ROLL ANGLE: 45.5°

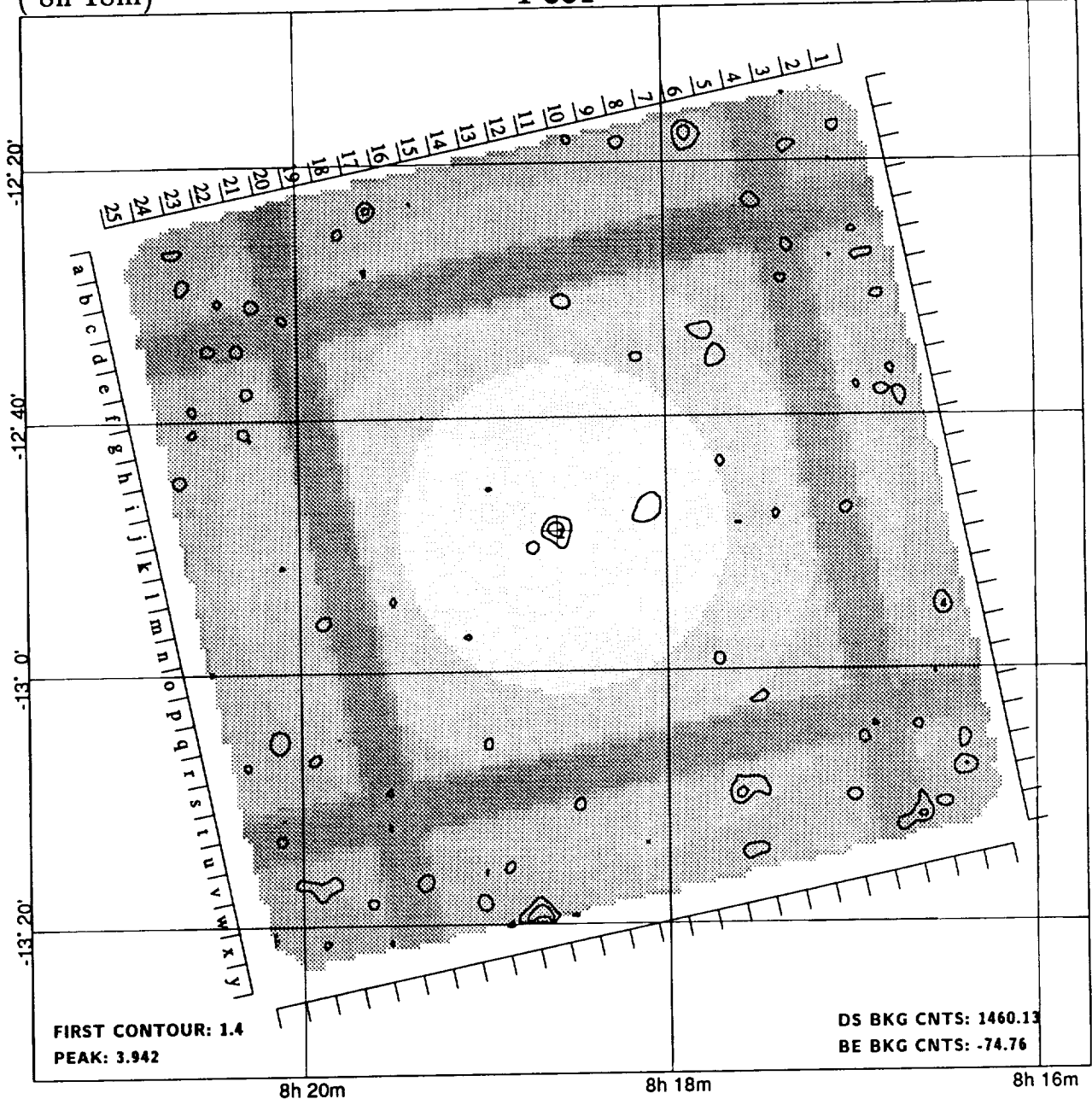
NH: $6.2E+21$
REF/ID:
FIELD FLAGS: DLST

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(8h 18m)

I 551

(8h 18m)



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°

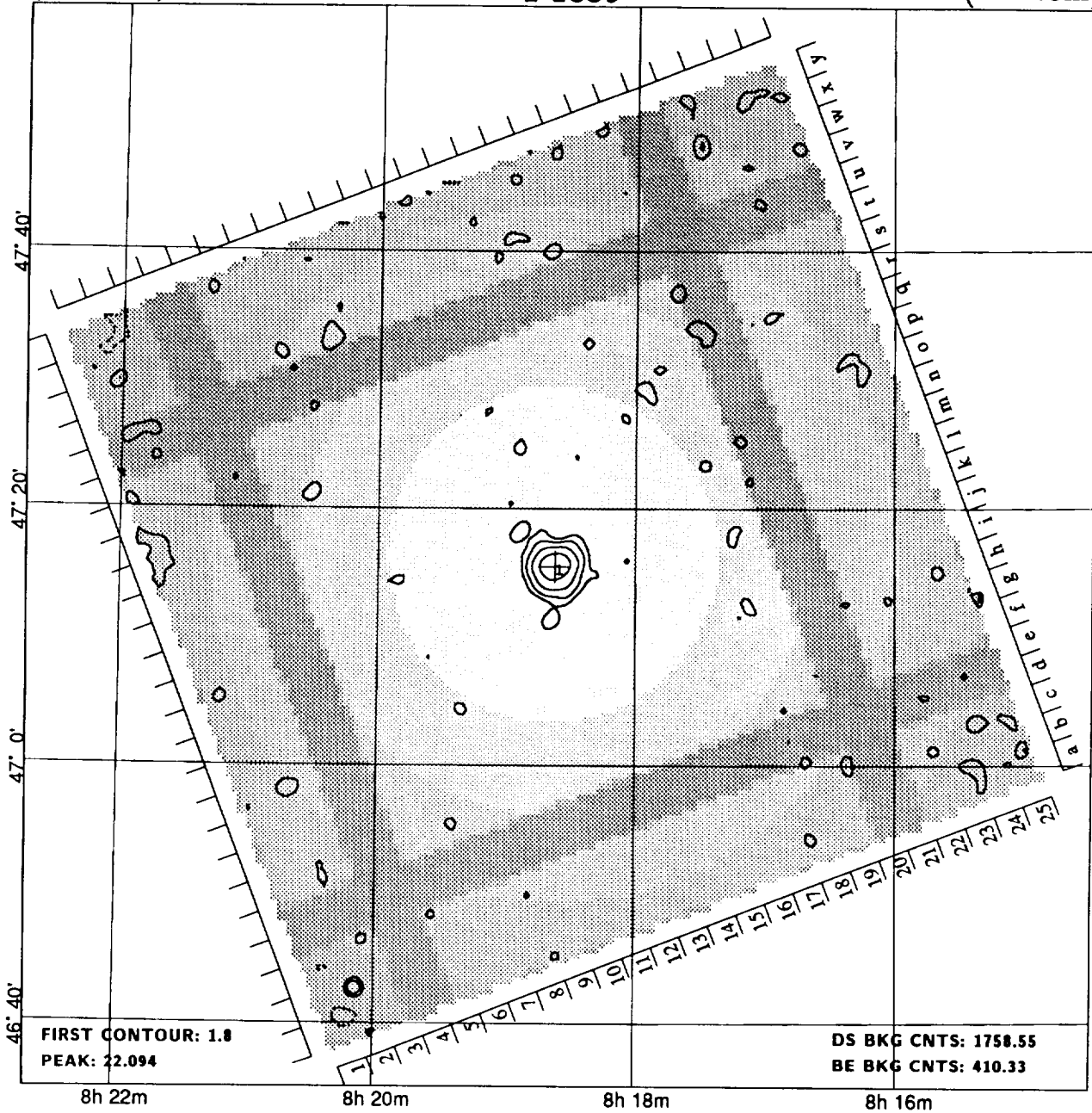
NH: 7.0E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(8h 18m)

I 1839

(8h 18m)



A646: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: $08^h 18^m 36.0^s$ $47^\circ 16' 59''$ (B1950)
 $08^h 22^m 08.8^s$ $47^\circ 07' 23''$ (J2000)
 $l: 172.62$ $b: 34.58$

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

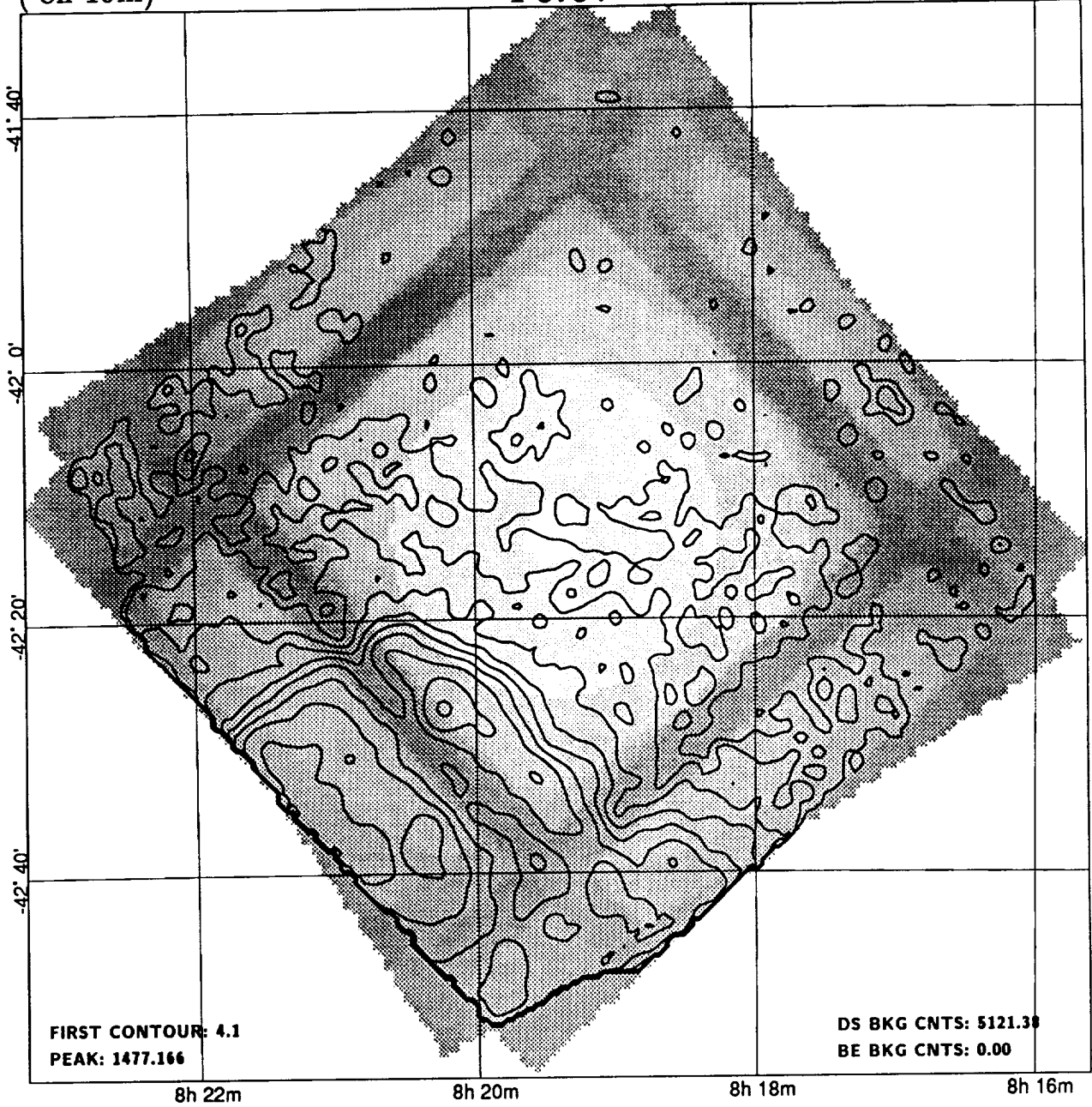
NH: $4.5E+20$
 REF/ID:
 FIELD FLAGS:

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

(8h 19m)

I 3754

(8h 19m)



PUPPIS A SUPERNOVA REMNANT

FIELD CENTER: $08^h 19^m 25.0^s$ $-42^\circ 13' 59''$ (B1950)
 $08^h 21^m 08.9^s$ $-42^\circ 23' 35''$ (J2000)
 $l: 259.79$ $b: -3.25$

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

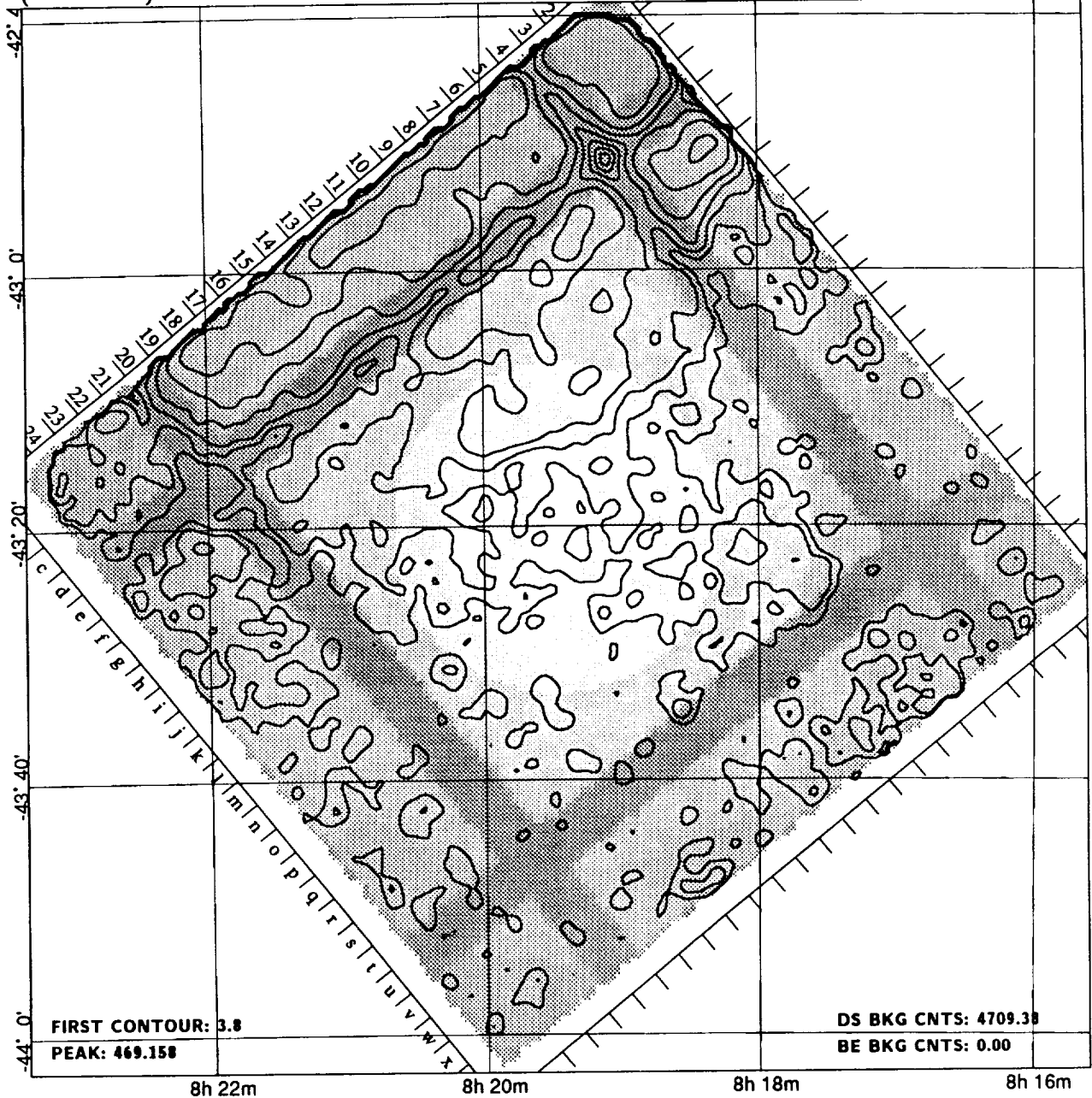
NH: $6.3E+21$
 REF/ID:
 FIELD FLAGS: DLST

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(8h 19m)

I 2156

(8h 19m)



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

FIELD CENTER: $08^h 19^m 28.1^s$ $-43^\circ 20' 59''$ (B1950)
 $08^h 21^m 10.0^s$ $-43^\circ 30' 35''$ (J2000)
 $l: 260.72$ $b: -3.88$

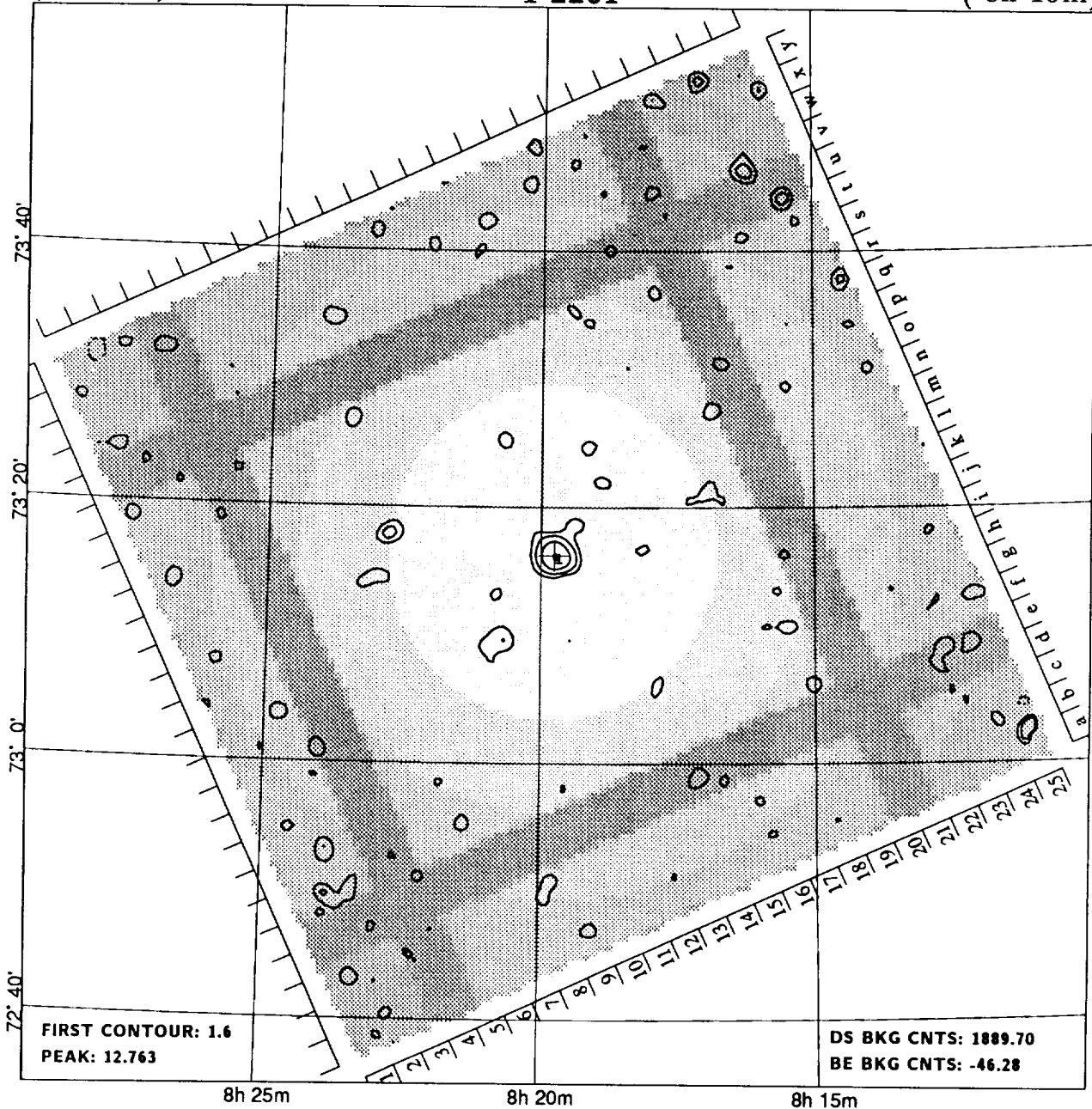
DATE: 1980/152 - 1980/152
 LIVETIME: 3016.2s
 ROLL ANGLE: 51.0°

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

(8h 19m)

I 2261

(8h 19m)



STELLAR SURVEY-CATAclysmic VARIABLES: Z CAM

FIELD CENTER: $08^h 19^m 42.0^s$ $73^\circ 16' 59''$ (B1950)
 $08^h 25^m 15.6^s$ $73^\circ 07' 15''$ (J2000)
 $l: 141.37$ $b: 32.63$

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

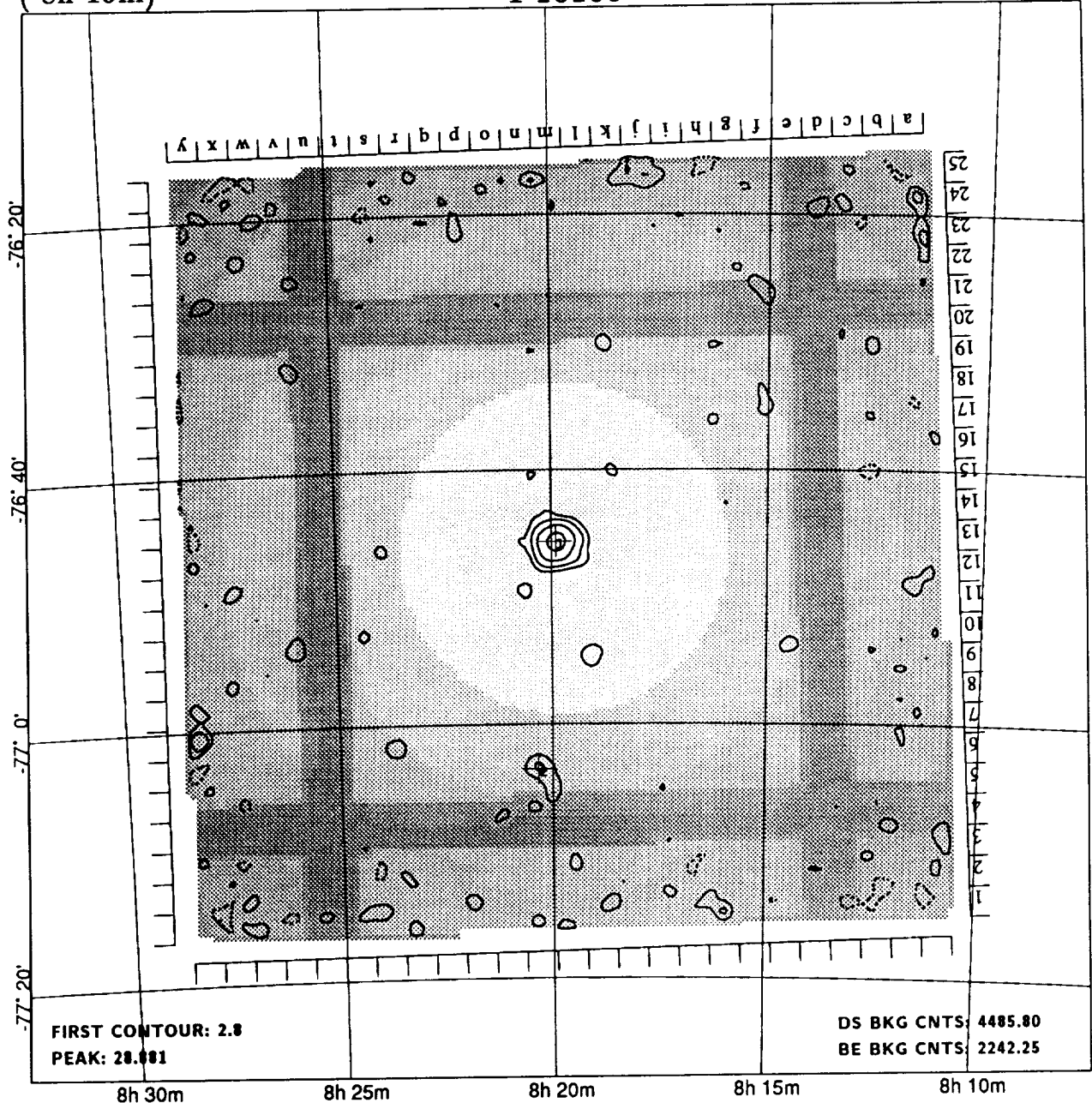
NH: $2.7E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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°

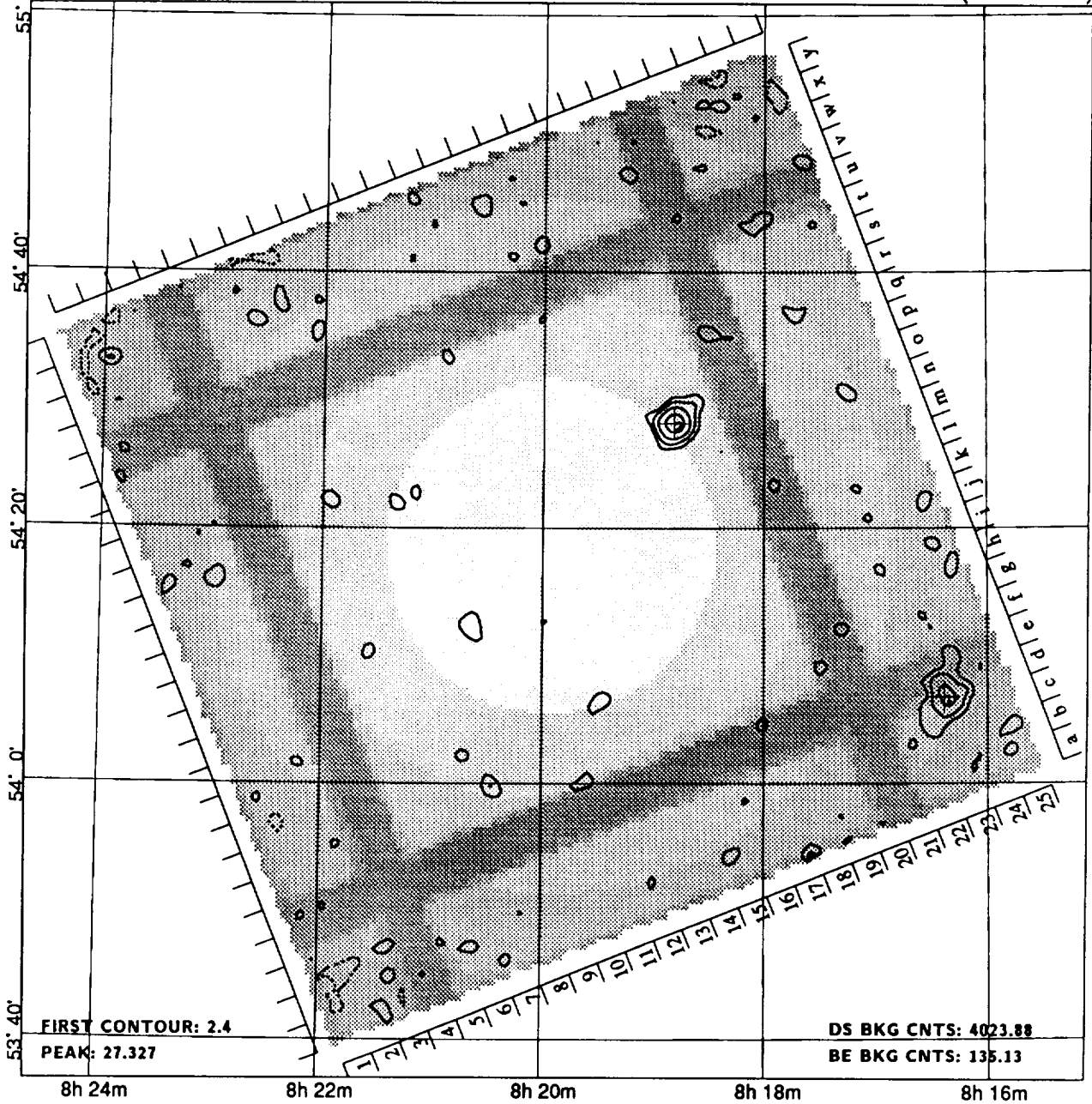
NH: 1.1E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(8h 19m)

I 246

(8h 19m)



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°

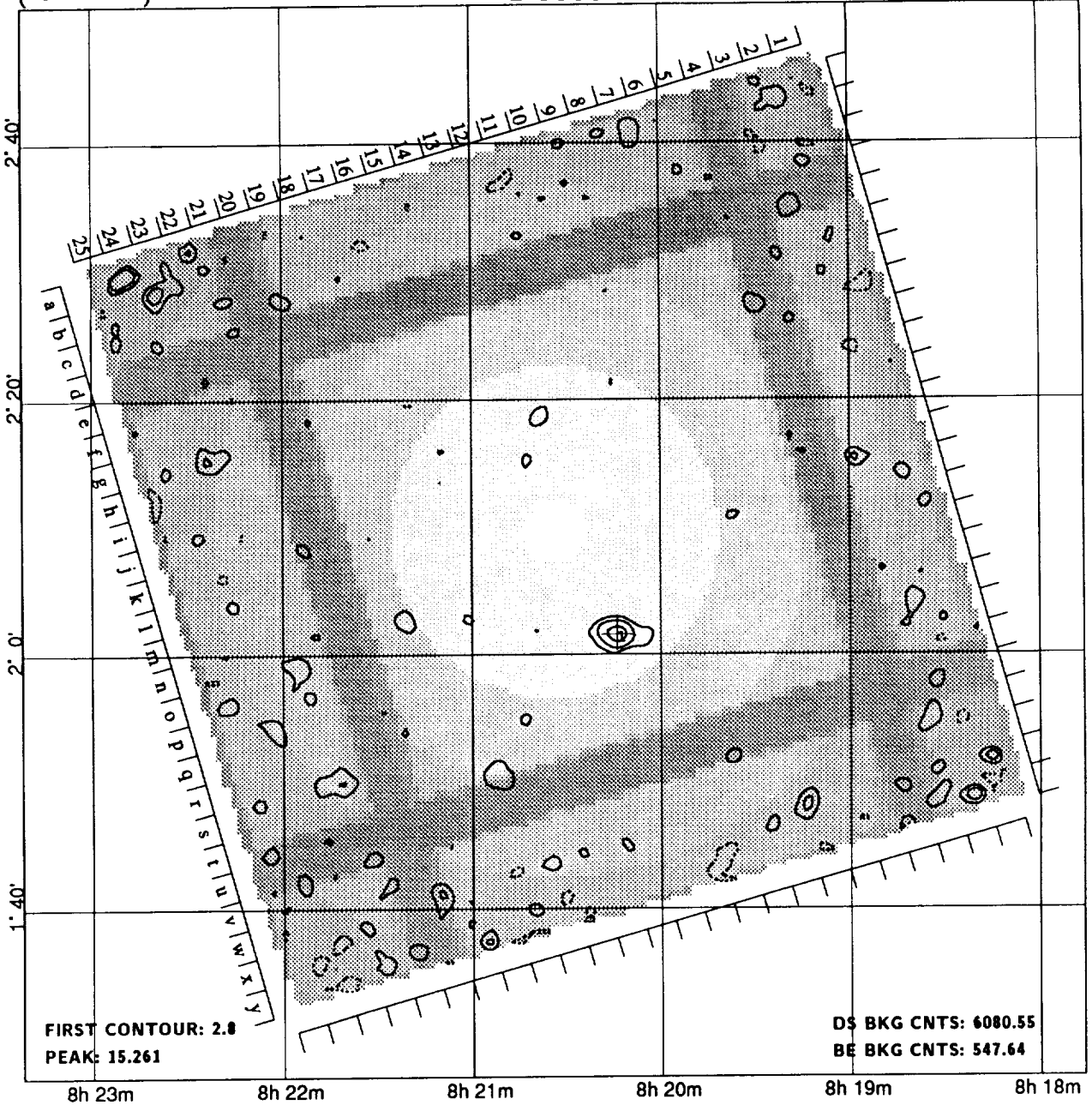
NH: 4.3E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE ±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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)



FIRST CONTOUR: 2.8
PEAK: 15.261

DS BKG CNTS: 6080.55
BE BKG CNTS: 547.64

BINARY PULSAR PSR 0820+02

FIELD CENTER: $08^h 20^m 34.0^s$ $02^{\circ} 08' 54''$ (B1950)
 $08^h 23^m 09.7^s$ $01^{\circ} 59' 13''$ (J2000)
 $l: 221.99$ $b: 21.25$

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

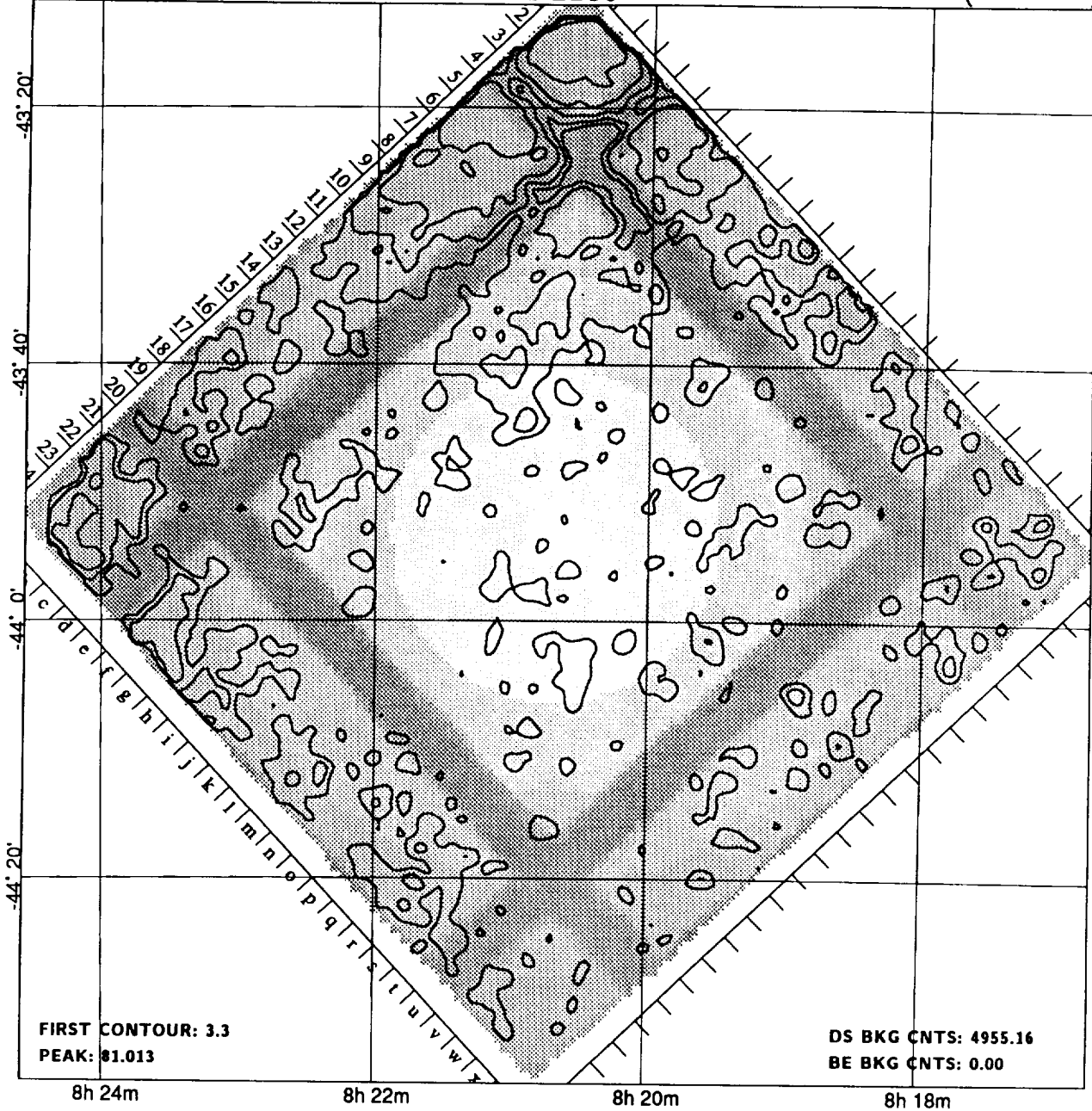
NH: $4.2E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(8h 20m)

I 2159

(8h 20m)



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

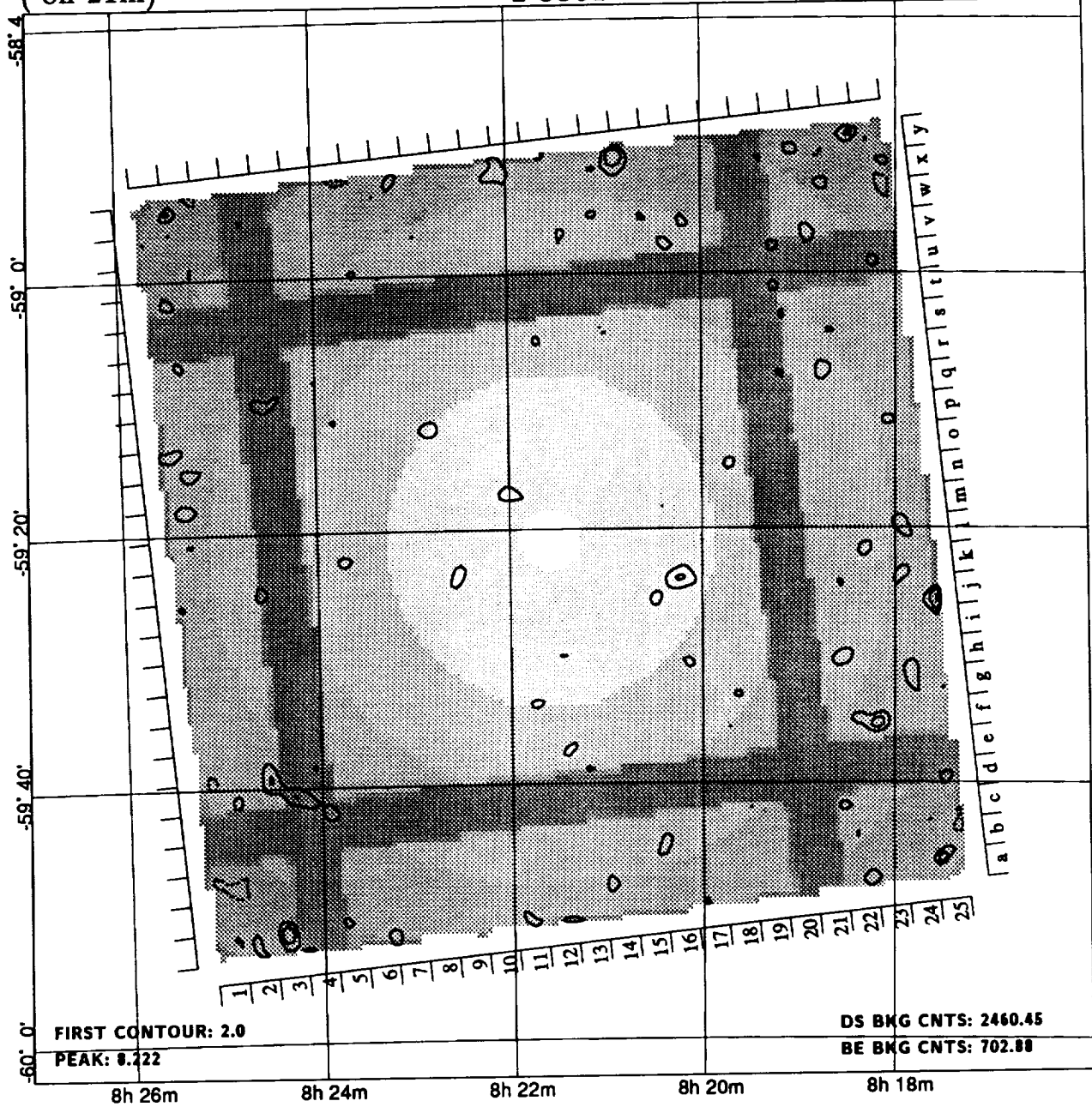
DATE: 1980/157 - 1980/157
 LIVETIME: 4015.3s
 ROLL ANGLE: 46.7°

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

(8h 21m)

I 5501

(8h 21m)



Epsil. CAR

FIELD CENTER: $00^h 21^m 29.4^s$ $-59^\circ 20' 52''$ (B1950)
 $00^h 22^m 31.0^s$ $-59^\circ 30' 34''$ (J2000)
 $l: 274.29$ $b: -12.60$

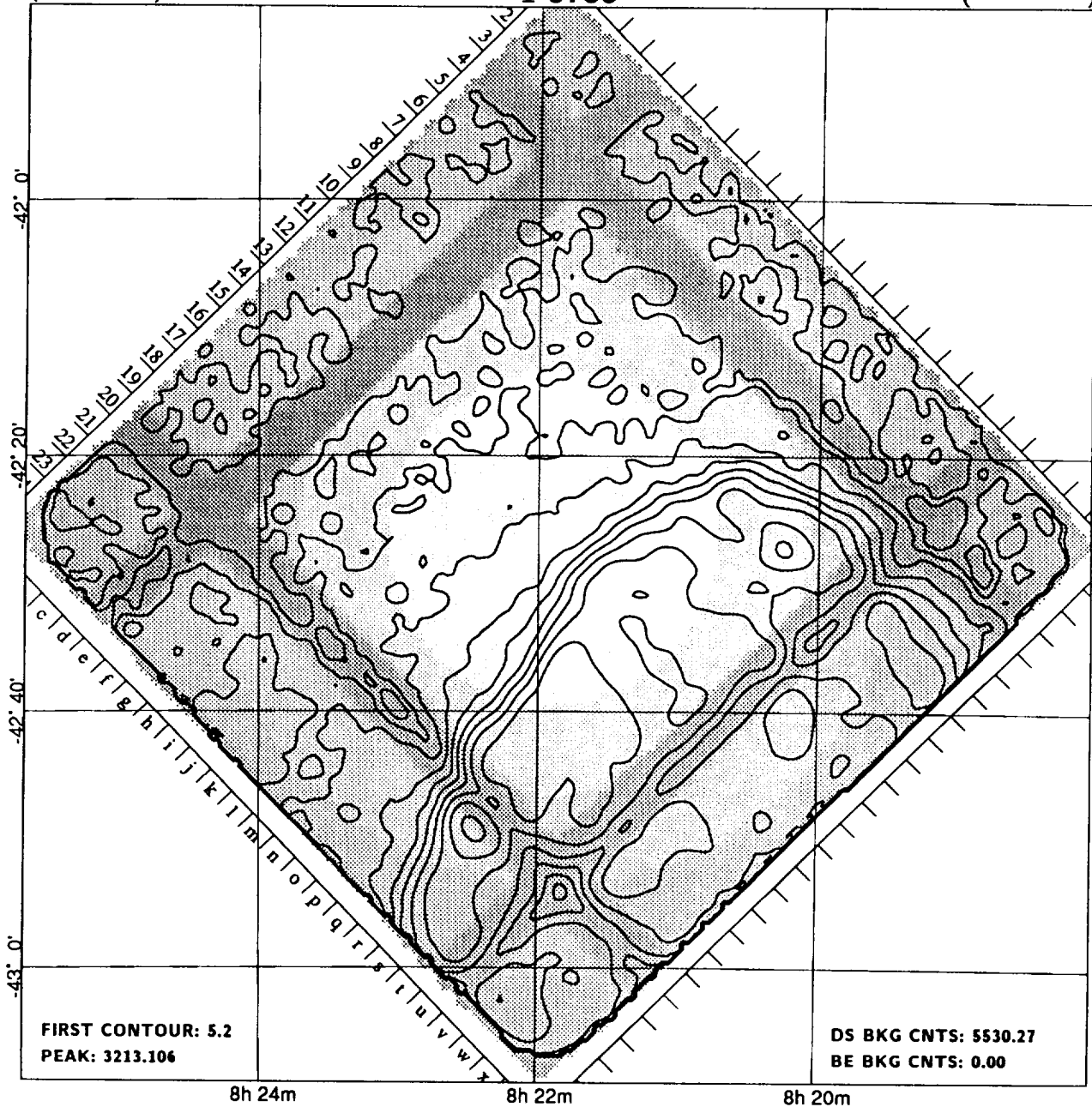
DATE: 1979/303 - 1979/303
 LIVETIME: 1993.8s
 ROLL ANGLE: -95.9°

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

(8h 21m)

I 3755

(8h 21m)



PUPPIS A SUPERNOVA REMNANT

FIELD CENTER: $08^h 21^m 52.0^s$ $-42^\circ 26' 59''$ (B1950)
 $08^h 23^m 35.9^s$ $-42^\circ 36' 44''$ (J2000)
 $l: 260.23$ $b: -3.00$

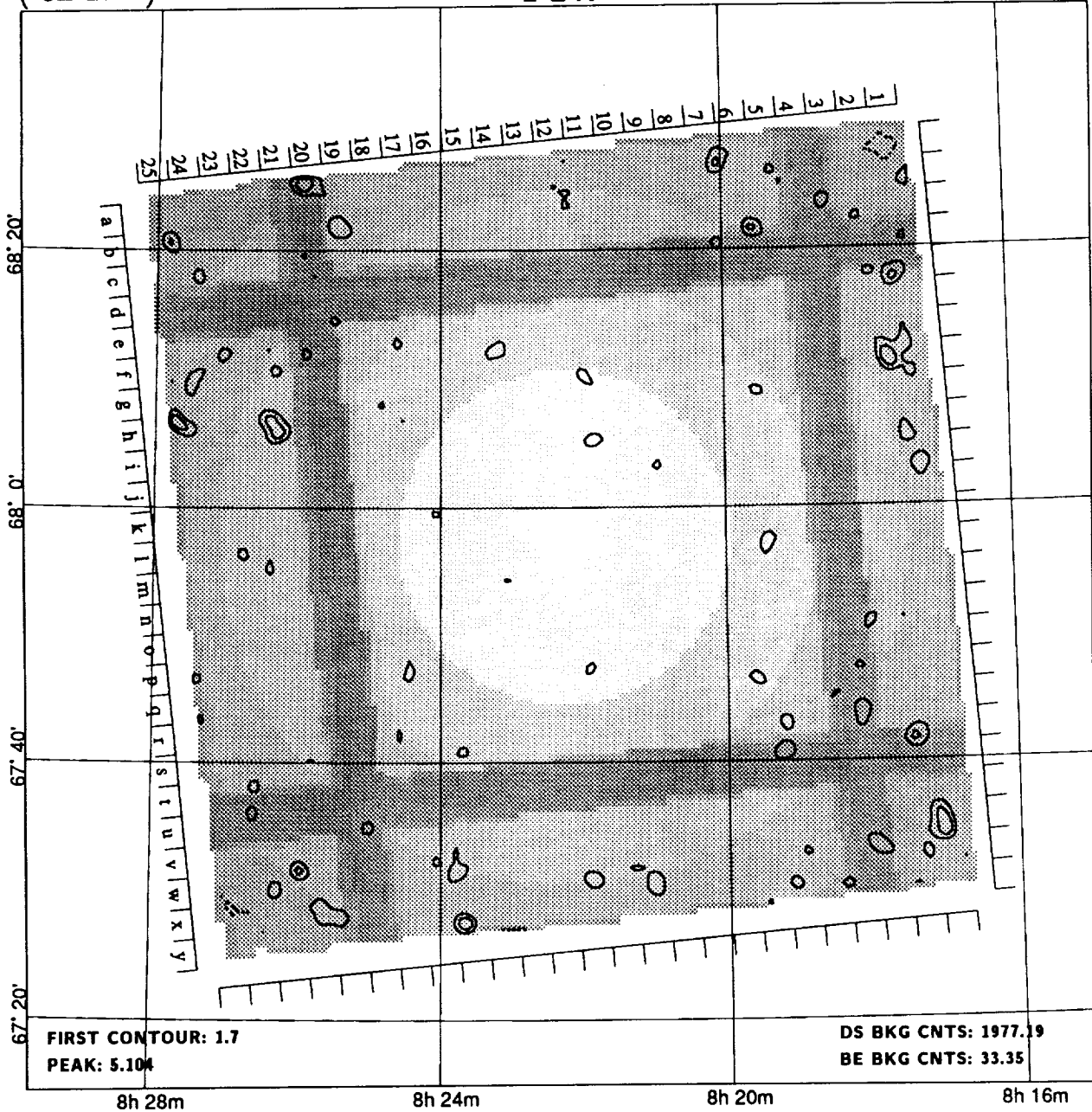
DATE: 1980/159 - 1980/159
 LIVETIME: 4481.4s
 ROLL ANGLE: 45.7°

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° 67°56'59" (B1950)
08^h27^m07.3° 67°47'08" (J2000)
ℓ: 147.56 b: 33.96

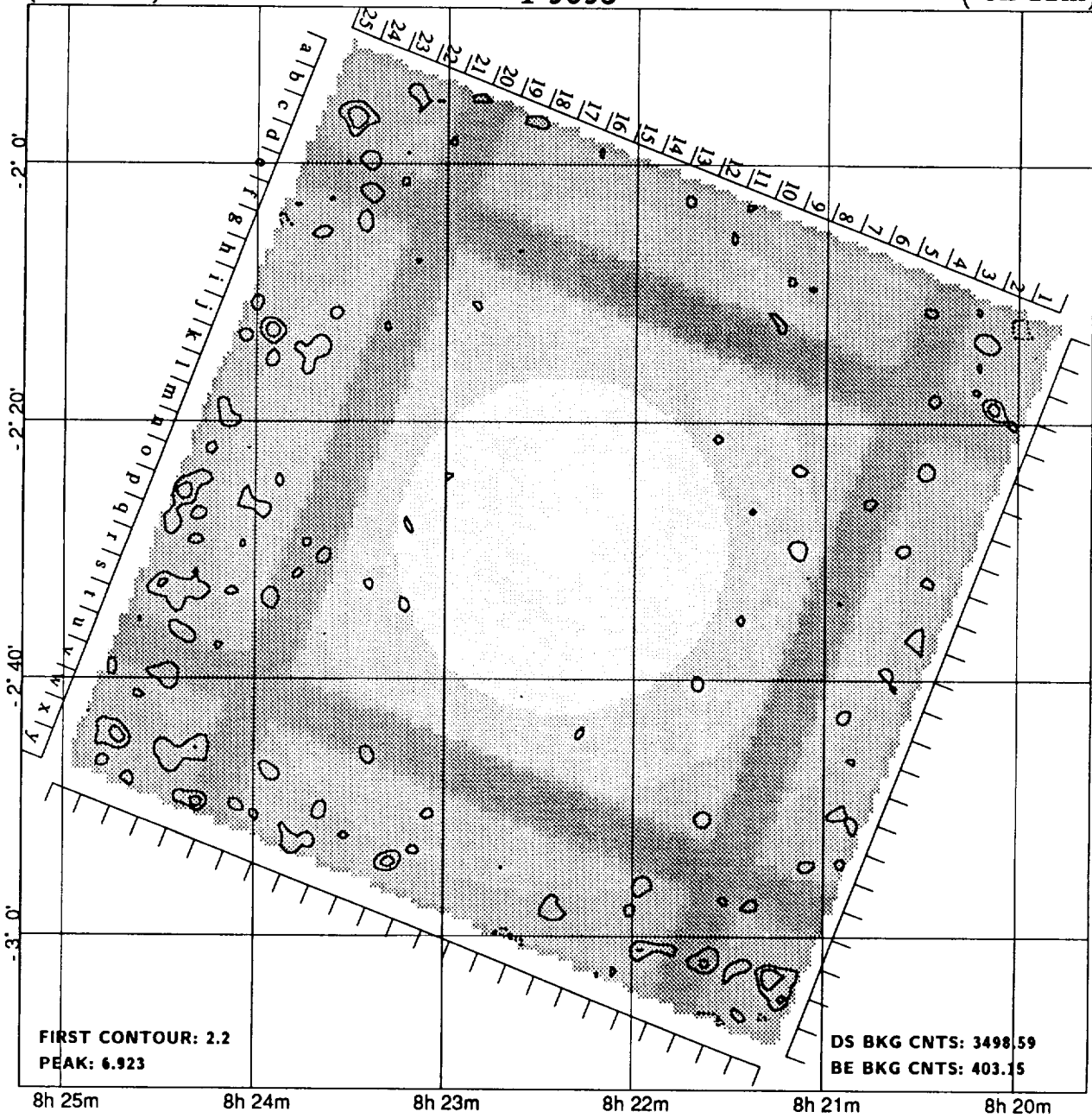
DATE: 1979/119 - 1979/119
LIVETIME: 1602.2s
ROLL ANGLE: 84.7°

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

(8h 22m)

I 9693

(8h 22m)



EMPTY FIELD (MISPOINT)

FIELD CENTER: $08^h 22^m 24.9^s -02^\circ 29' 52''$ (B1950)
 $08^h 24^m 56.2^s -02^\circ 39' 40''$ (J2000)
 $l: 226.54 \quad b: 19.36$

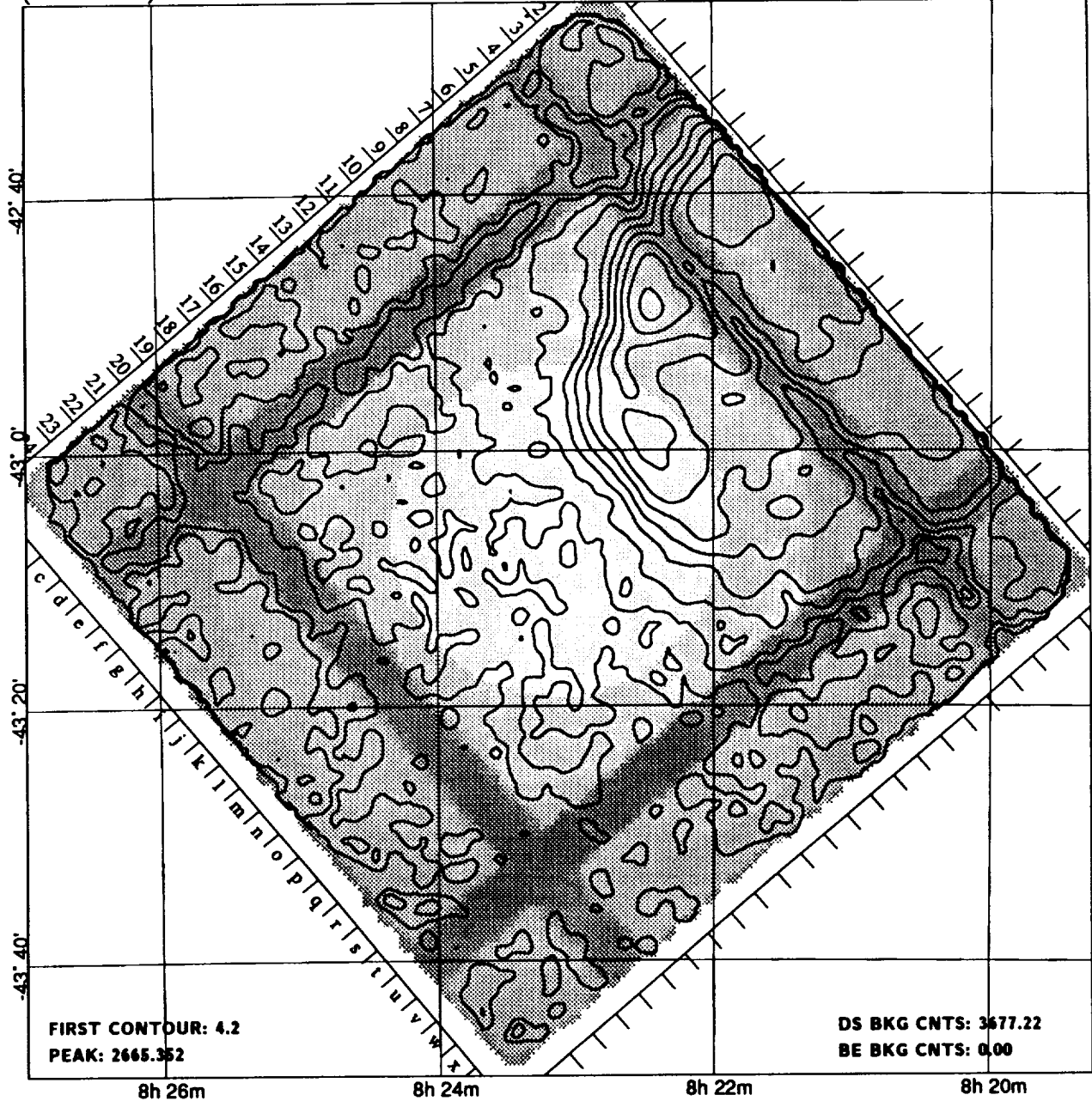
DATE: 1981/114 - 1981/114
 LIVETIME: 2835.0s
 ROLL ANGLE: 111.3°

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

(8h 23m)

I 3753

(8h 23m)



FIRST CONTOUR: 4.2
 PEAK: 2665.352

DS BKG CNTS: 3677.22
 BE BKG CNTS: 0.00

PUPPIS A SUPERNOVA REMNANT

FIELD CENTER: $08^h 23^m 07.0^s -43^\circ 06' 59''$ (B1950)
 $08^h 24^m 49.9^s -43^\circ 16' 48''$ (J2000)
 $l: 260.91 \quad b: -3.20$

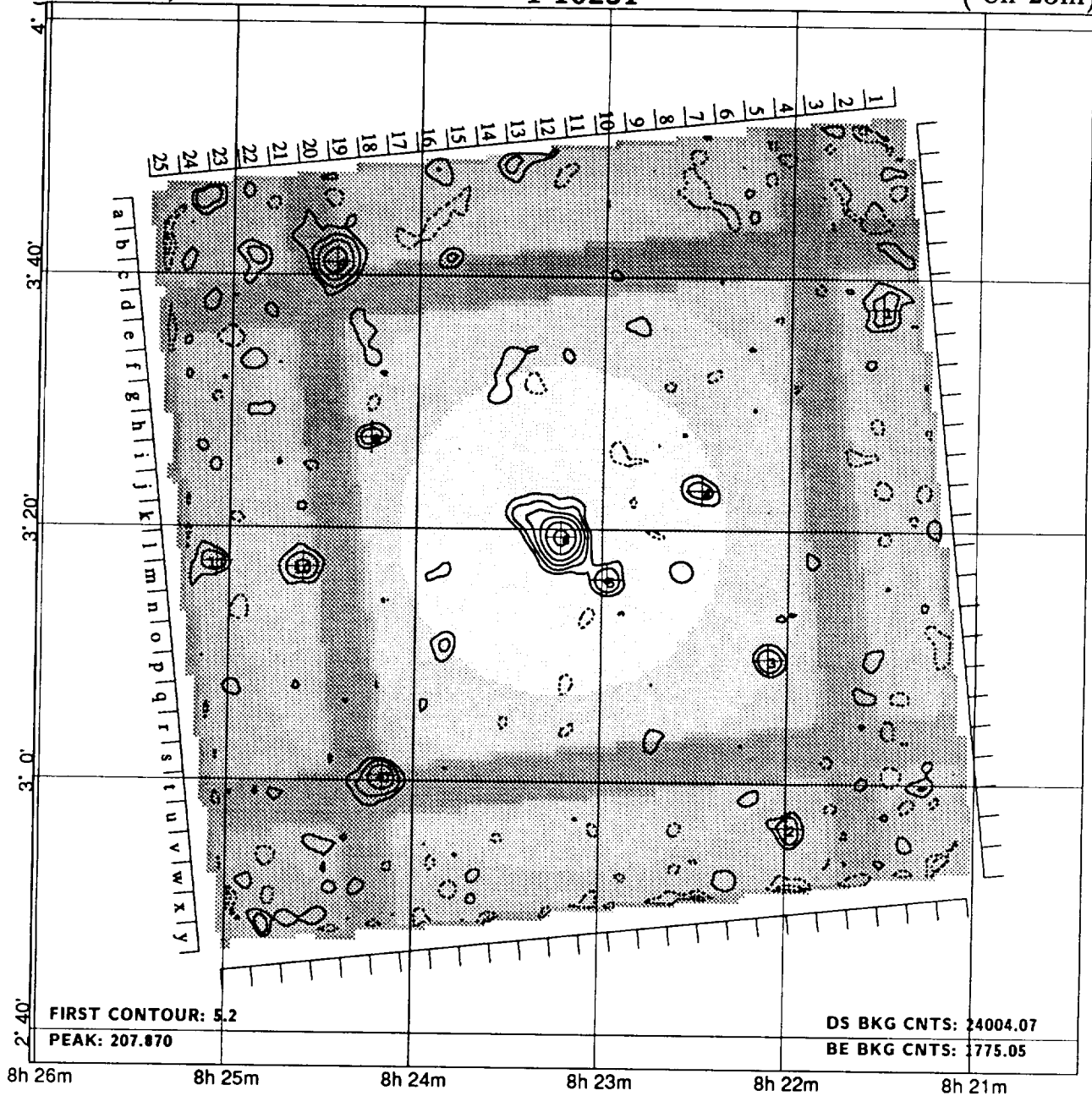
DATE: 1980/154 - 1980/154
 LIVETIME: 2979.8s
 ROLL ANGLE: 49.9°

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

(8h 23m)

I 10231

(8h 23m)



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 ID FLG
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.

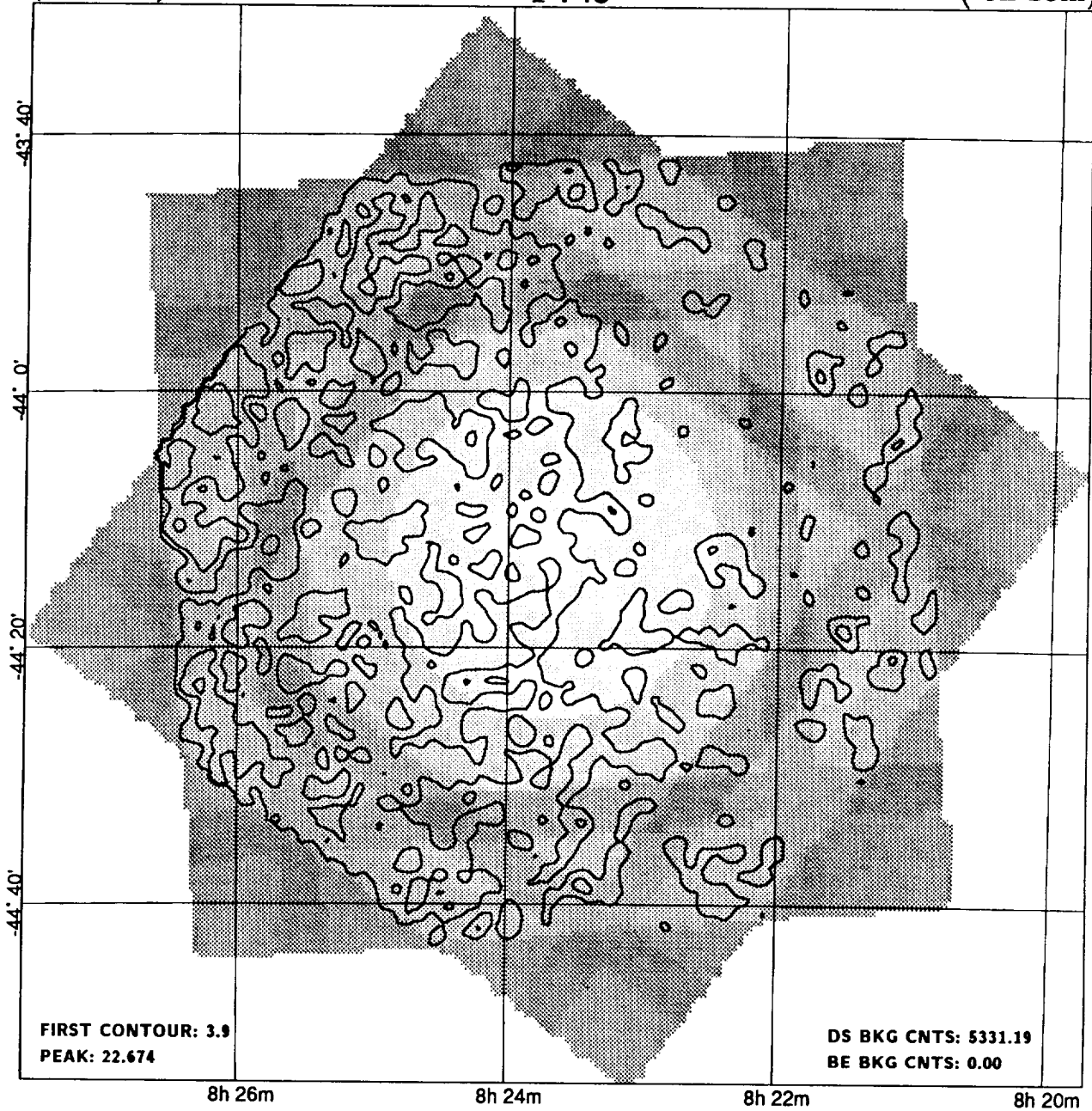
I 10231 cont.

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(8h 23m)

I 743

(8h 23m)



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 23^m 39.0^s$ $-44^\circ 11' 59''$ (B1950)
 $08^h 25^m 20.1^s$ $-44^\circ 21' 50''$ (J2000)
 $l: 261.85$ $b: -3.75$

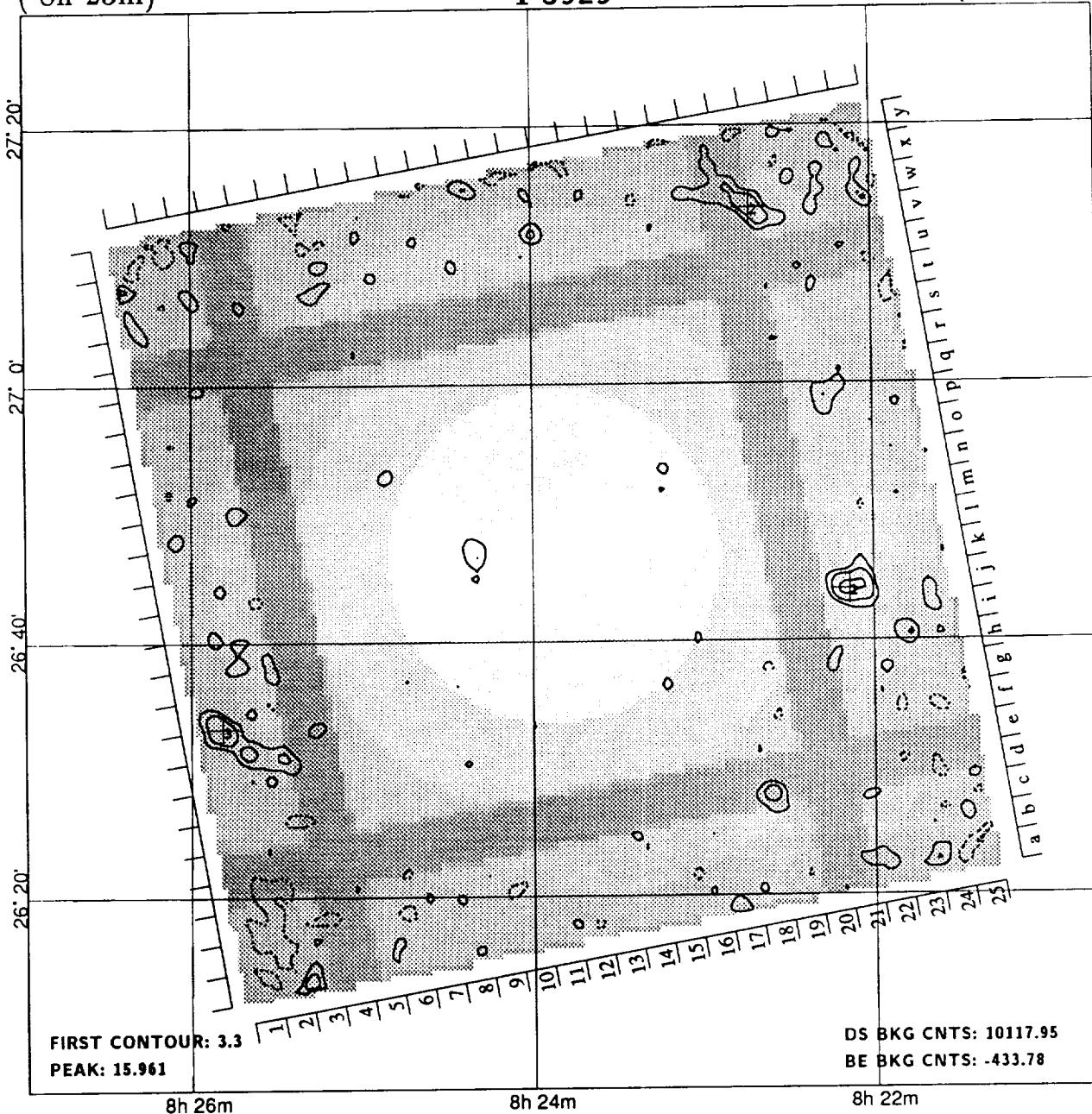
DATE: 1978/353 - 1979/298
 LIVETIME: 4320.0s

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

(8h 23m)

I 5929

(8h 23m)



RADIO PULSAR PROJECT:

FIELD CENTER: $08^h 23^m 49.9^s$ $26^\circ 47' 09''$ (B1950)
 $08^h 26^m 50.7^s$ $26^\circ 37' 16''$ (J2000)
 $l: 196.96$ $b: 31.74$

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

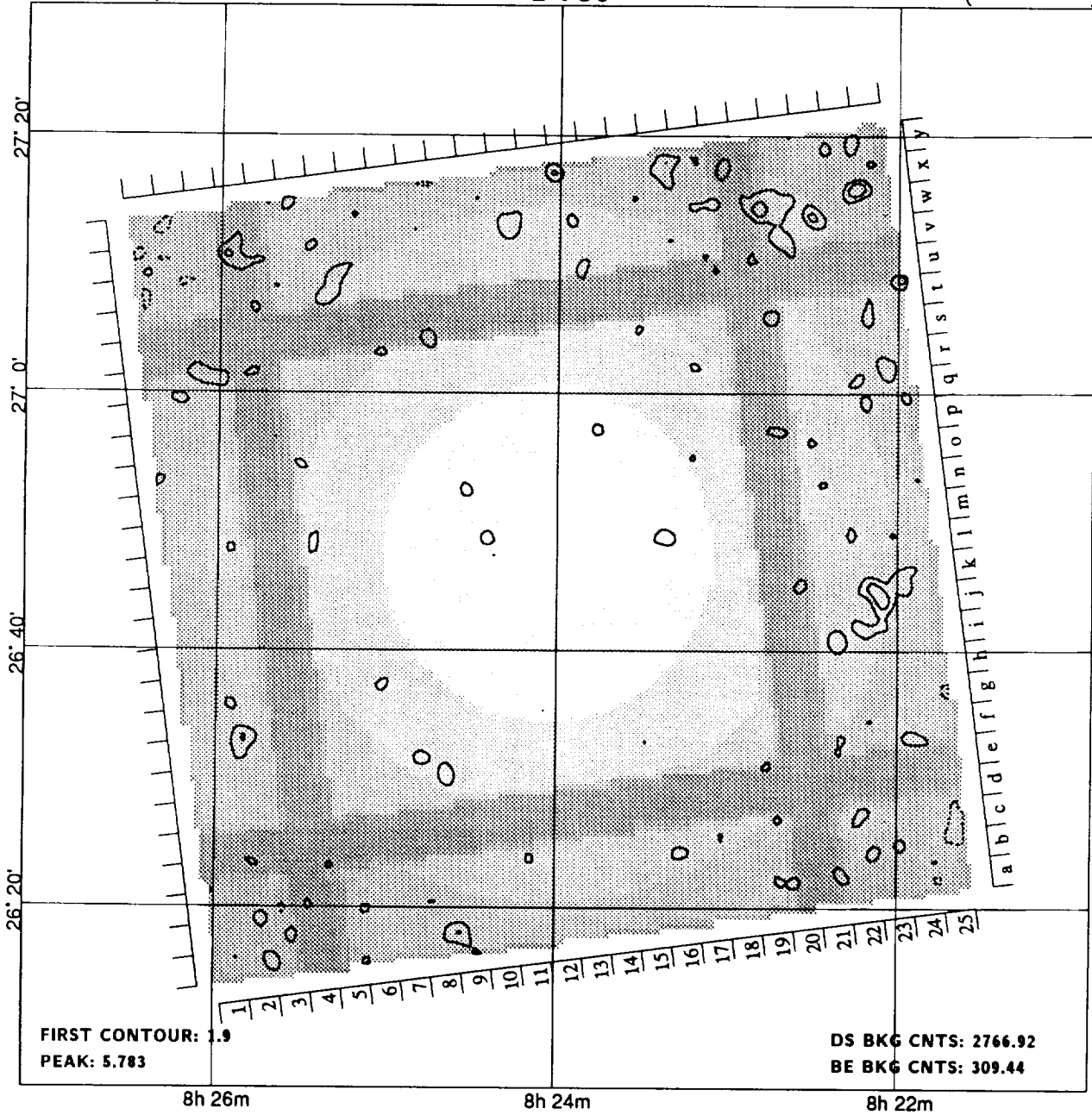
NH: $3.9E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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^h 24^m 00.0^s 26° 47' 59" (B1950)
 08^h 27^m 00.8^s 26° 38' 05" (J2000)
 l : 196.96 b : 31.78

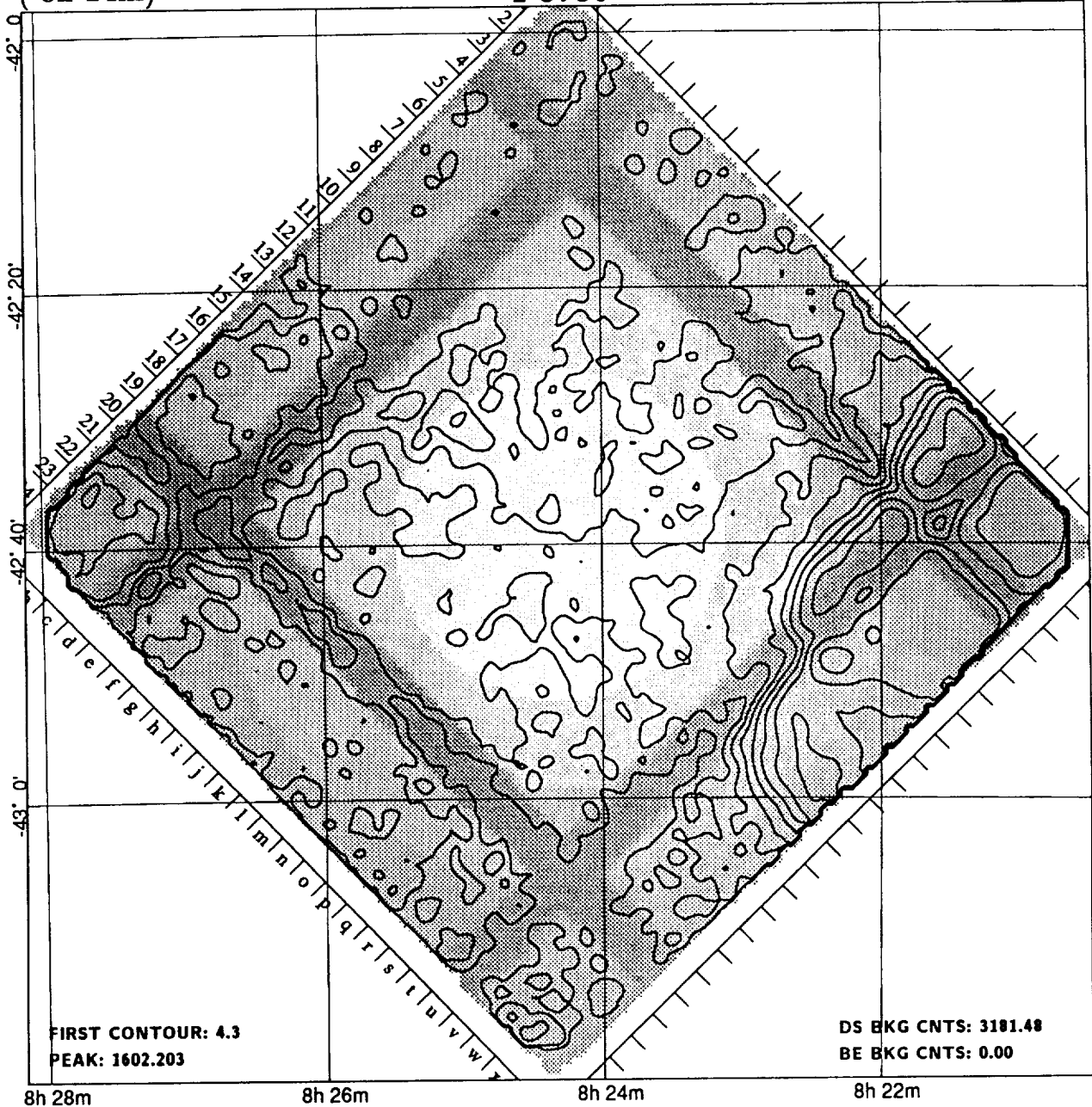
DATE: 1979/296 - 1979/296
 LIVETIME: 2242.1s
 ROLL ANGLE: -97.4°

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

(8h 24m)

I 3756

(8h 24m)



PUPPIS A SUPERNOVA REMNANT

FIELD CENTER: $08^h 24^m 19.0^s$ $-42^\circ 39' 59''$ (B1950)
 $08^h 26^m 02.9^s$ $-42^\circ 49' 53''$ (J2000)
 $l: 260.67$ $b: -2.76$

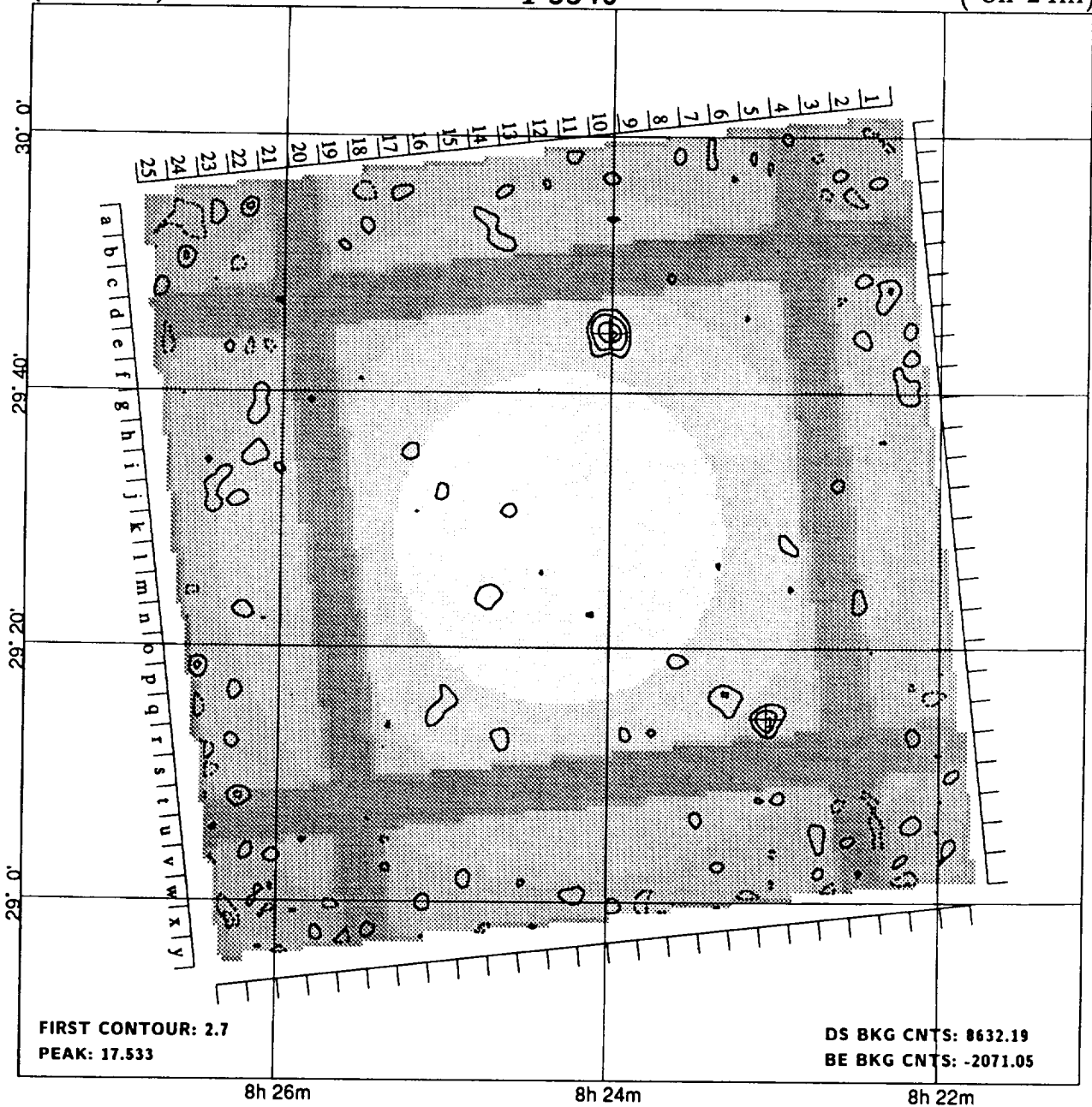
DATE: 1980/159 - 1980/159
 LIVETIME: 2578.0s
 ROLL ANGLE: 45.9°

NH: $7.2E+21$
 REF/ID:
 FIELD FLAGS: DLT

(8h 24m)

I 3546

(8h 24m)



3C 200, CLUSTER SPECTRA EVOLUTION

FIELD CENTER: $08^h 24^m 20.0^s$ $29^\circ 27' 59''$ (B1950)
 $08^h 27^m 24.0^s$ $29^\circ 18' 04''$ (J2000)
 $l: 193.96$ $b: 32.60$

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

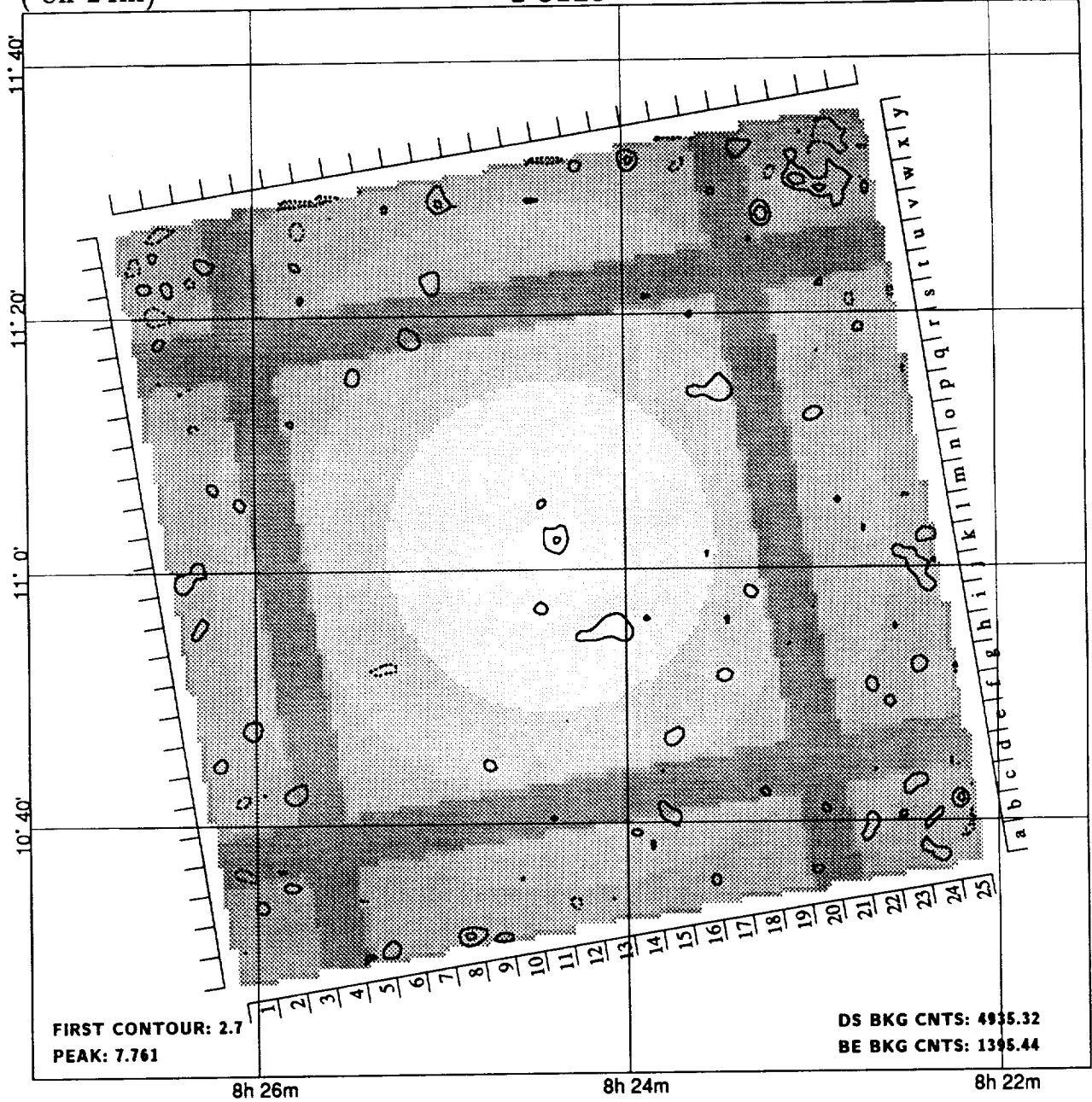
NH: $3.8E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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)



8h 26m

8h 24m

8h 22m

QSO MC5 0824+11

FIELD CENTER: $08^h 24^m 22.0^s$ $11^\circ 02' 18''$ (B1950)
 $08^h 27^m 06.1^s$ $10^\circ 52' 23''$ (J2000)
 $l: 213.80$ $b: 26.13$

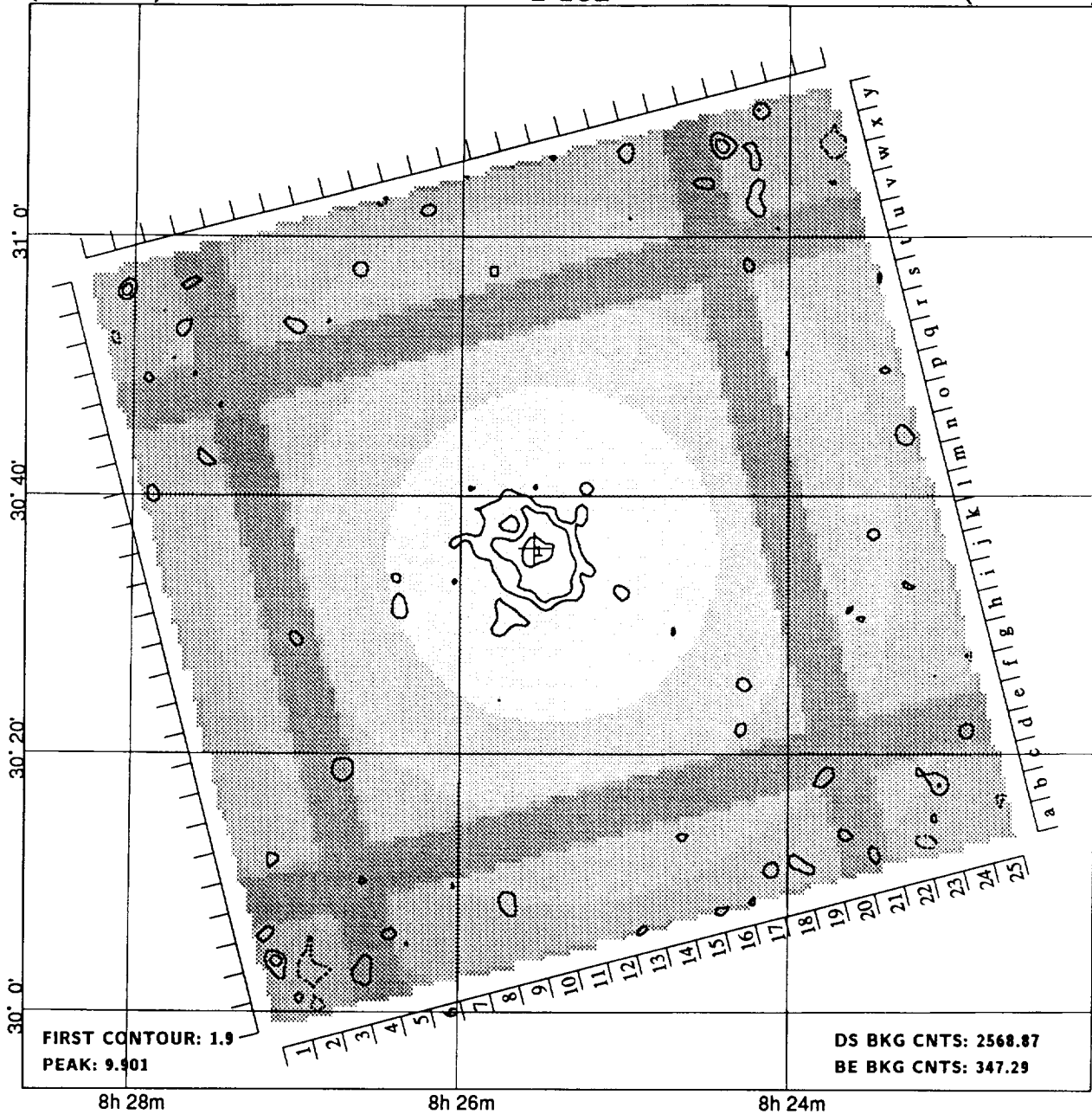
DATE: 1979/293 - 1979/293
 LIVETIME: 3999.2s
 ROLL ANGLE: -99.1°

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

(8h 25m)

I 182

(8h 25m)



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°

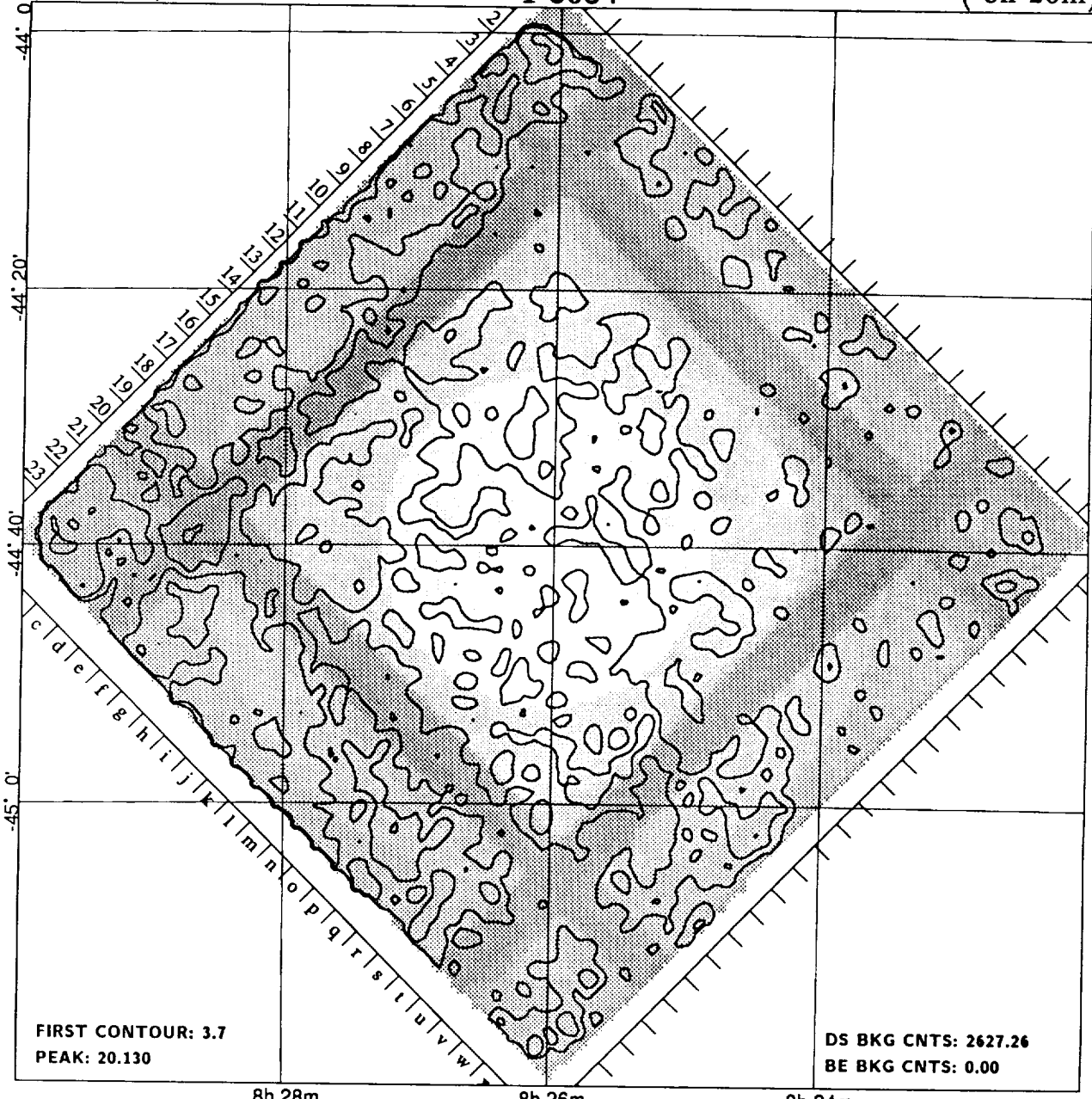
NH: 4.0E+20
 REF/ID:
 FIELD FLAGS: D

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 26m)

I 8034

(8h 26m)



NEW VELA SNR FIELDS: PRIORITY 5

FIELD CENTER: $08^h 26^m 00.0^s$ $-44^\circ 39' 59''$ (B1950)
 $08^h 27^m 40.6^s$ $-44^\circ 49' 58''$ (J2000)
 $l: 262.47$ $b: -3.68$

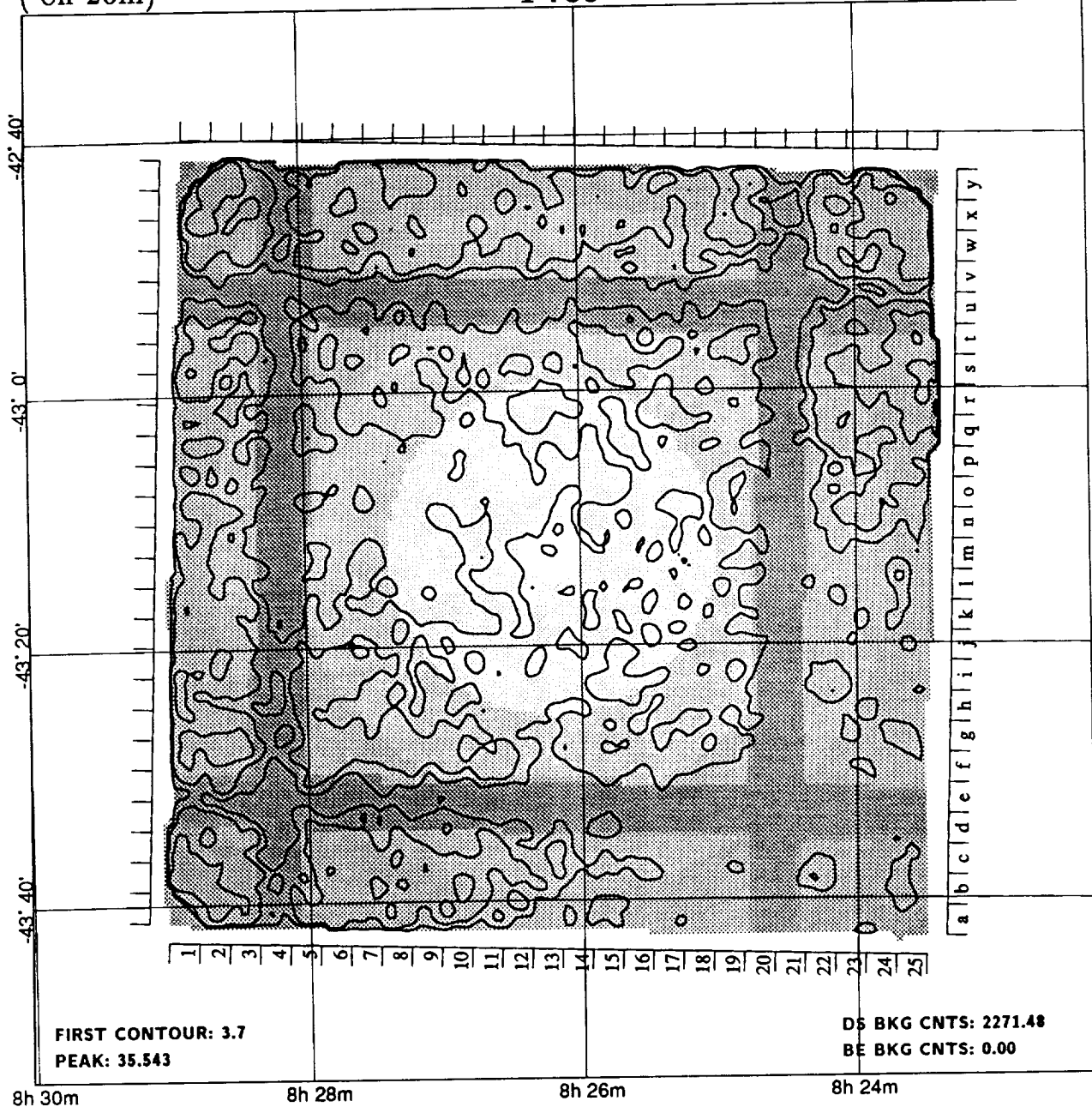
DATE: 1980/157 - 1980/157
 LIVETIME: 2128.9s
 ROLL ANGLE: 44.6°

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

(8h 26m)

I 738

(8h 26m)



FIRST CONTOUR: 3.7
PEAK: 35.543

D5 BKG CNTS: 2271.48
BE BKG CNTS: 0.00

VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 26^m 09.0^s$ $-43^\circ 11' 59''$ (B1950)
 $08^h 27^m 52.3^s$ $-43^\circ 21' 59''$ (J2000)
 $l: 261.30$ $b: -2.80$

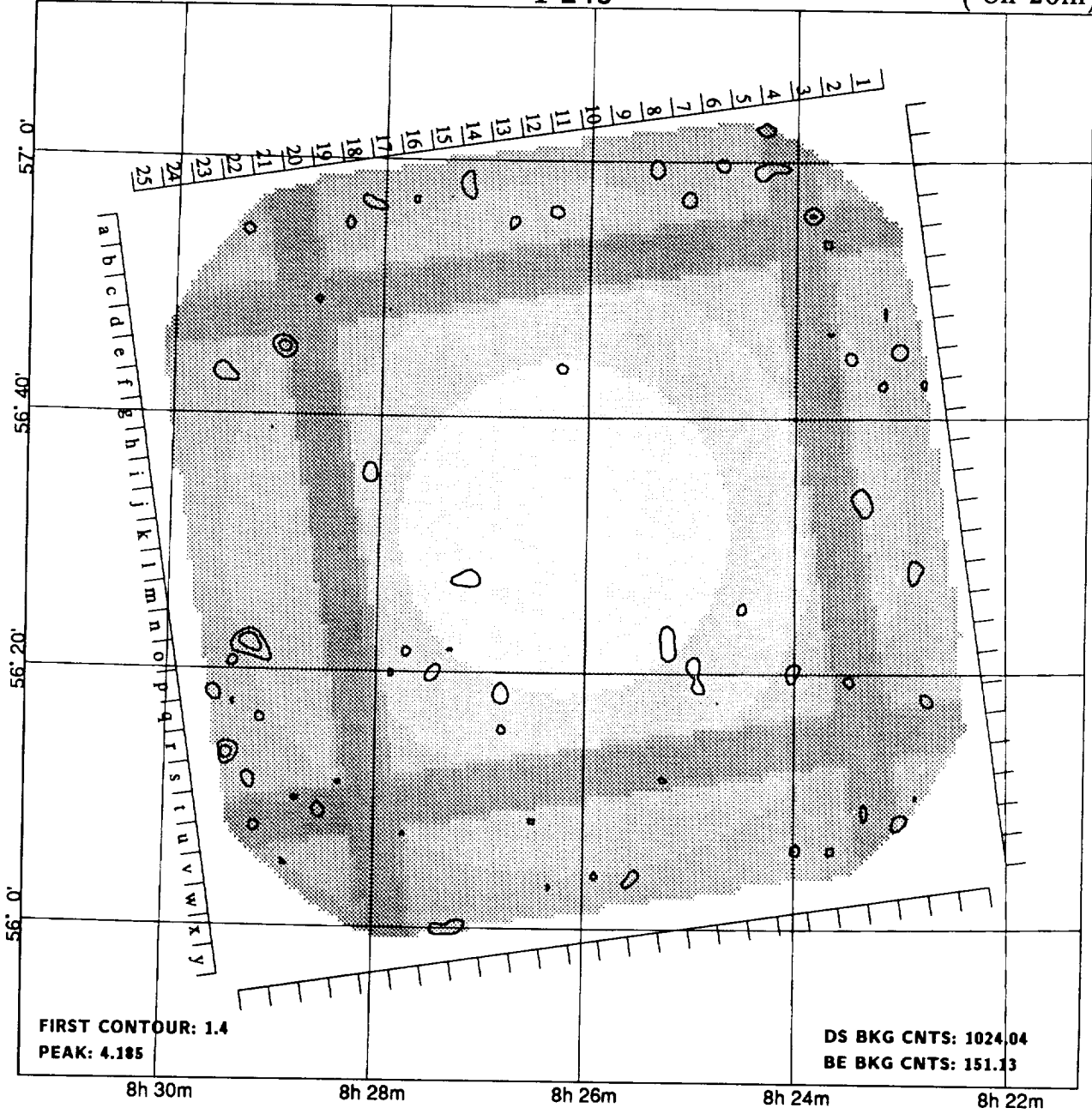
DATE: 1979/299 - 1979/299
LIVETIME: 1840.6s
ROLL ANGLE: -88.5°

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

(8h 26m)

I 248

(8h 26m)



A 669 CLUSTER EVOLUTION

FIELD CENTER: $08^h 26^m 18.0^s$ $56^\circ 29' 59''$ (B1950)
 $08^h 30^m 12.0^s$ $56^\circ 19' 55''$ (J2000)
 $l: 161.35$ $b: 35.85$

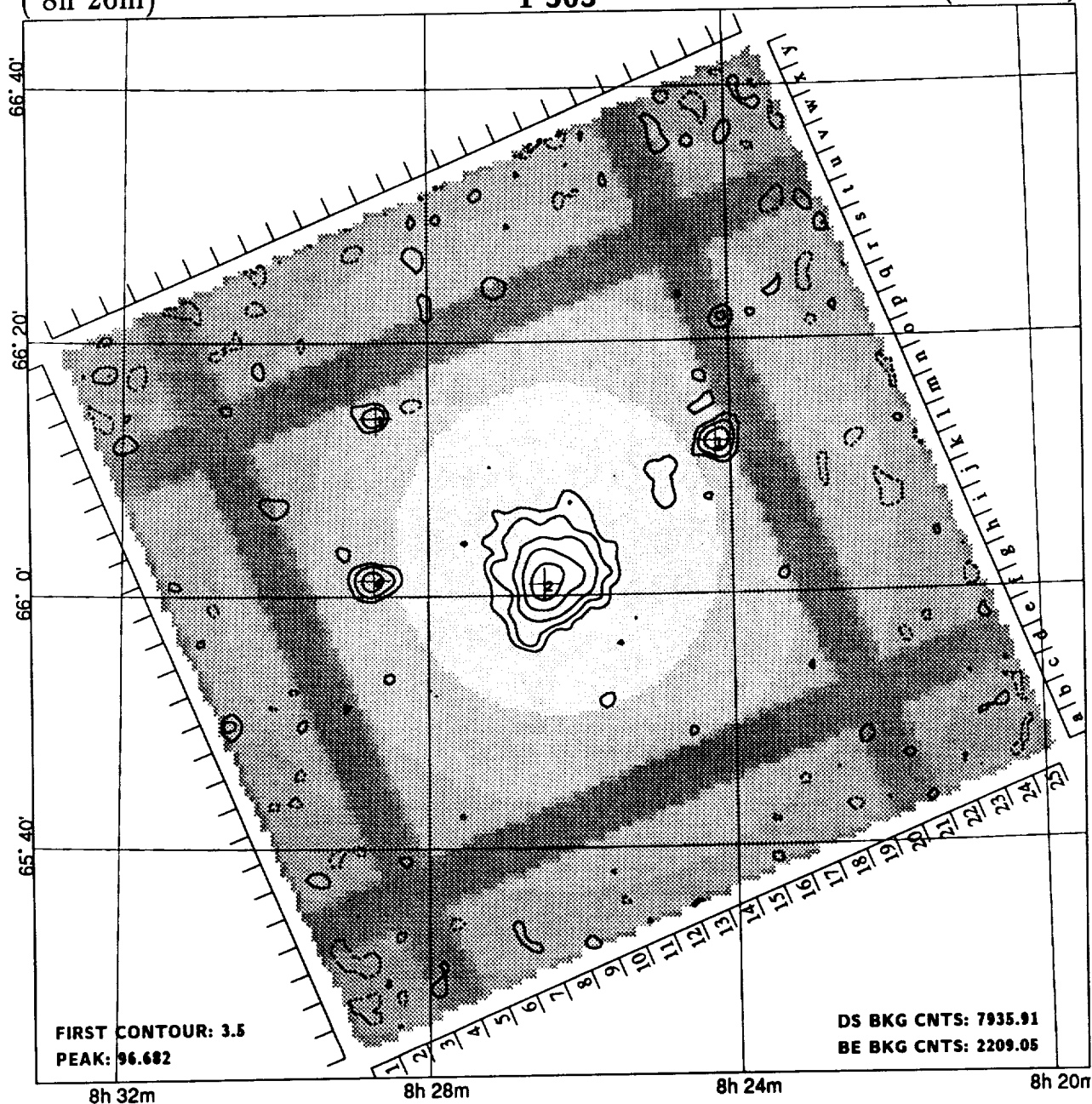
DATE: 1979/119 - 1979/119
 LIVETIME: 829.8s
 ROLL ANGLE: 81.6°

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

(8h 26m)

I 305

(8h 26m)



A 665 CLUSTERS WITH WELL STUDIED OPTICAL PROPERTIES

FIELD CENTER: $08^h 26^m 18.0^s$ $66^\circ 03' 59''$ (B1950)
 $08^h 30^m 51.2^s$ $65^\circ 53' 54''$ (J2000)
 $l: 149.71$ $b: 34.68$

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

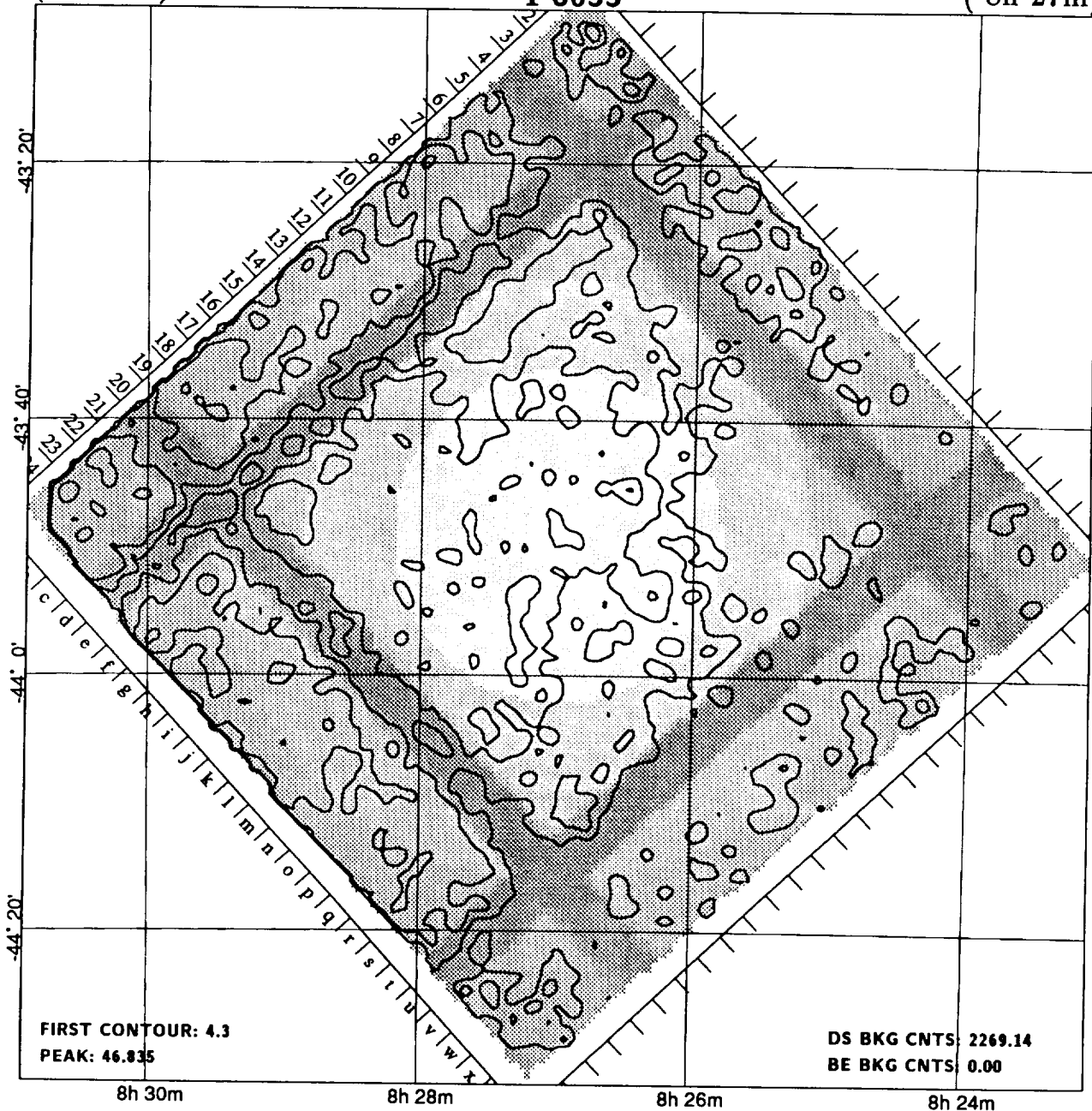
NH: $4.2E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	H	
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	

(8h 27m)

I 8033

(8h 27m)



NEW VELA SNR FIELDS: PRIORITY 4

FIELD CENTER: $00^h 27^m 00.0^s$ $-43^\circ 49' 59''$ (B1950)
 $00^h 28^m 42.3^s$ $-44^\circ 00' 02''$ (J2000)
 $l: 261.90$ $b: -3.05$

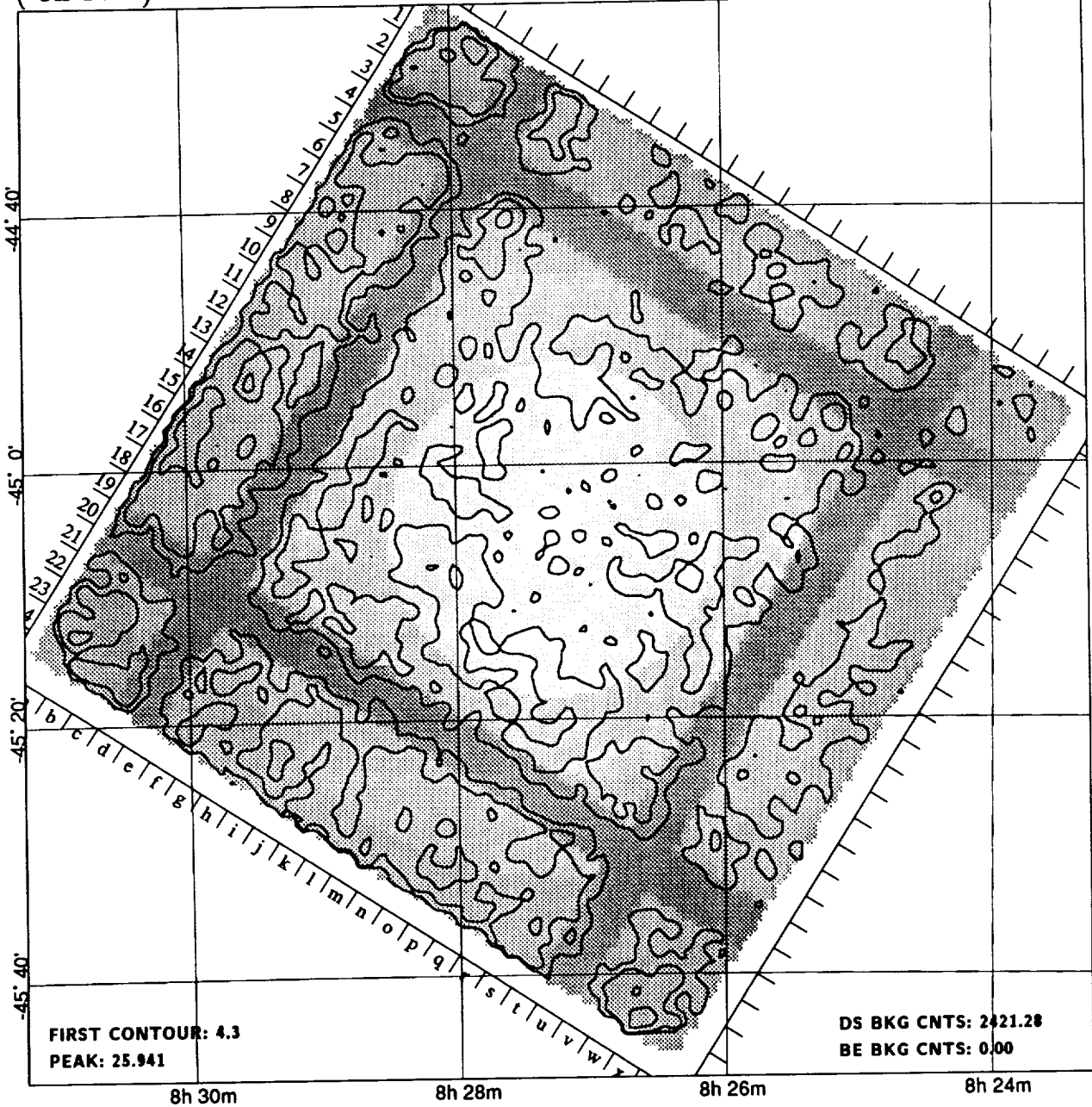
DATE: 1980/158 - 1980/158
 LIVETIME: 1838.8s
 ROLL ANGLE: 47.3°

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

(8h 27m)

I 744

(8h 27m)



FIRST CONTOUR: 4.3
 PEAK: 25.941

DS BKG CNTS: 2421.28
 BE BKG CNTS: 0.00

8h 30m

8h 28m

8h 26m

8h 24m

VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 27^m 15.0^s$ $-45^\circ 05' 59''$ (B1950)
 $08^h 28^m 55.0^s$ $-45^\circ 16' 03''$ (J2000)
 $l: 262.96$ $b: -3.75$

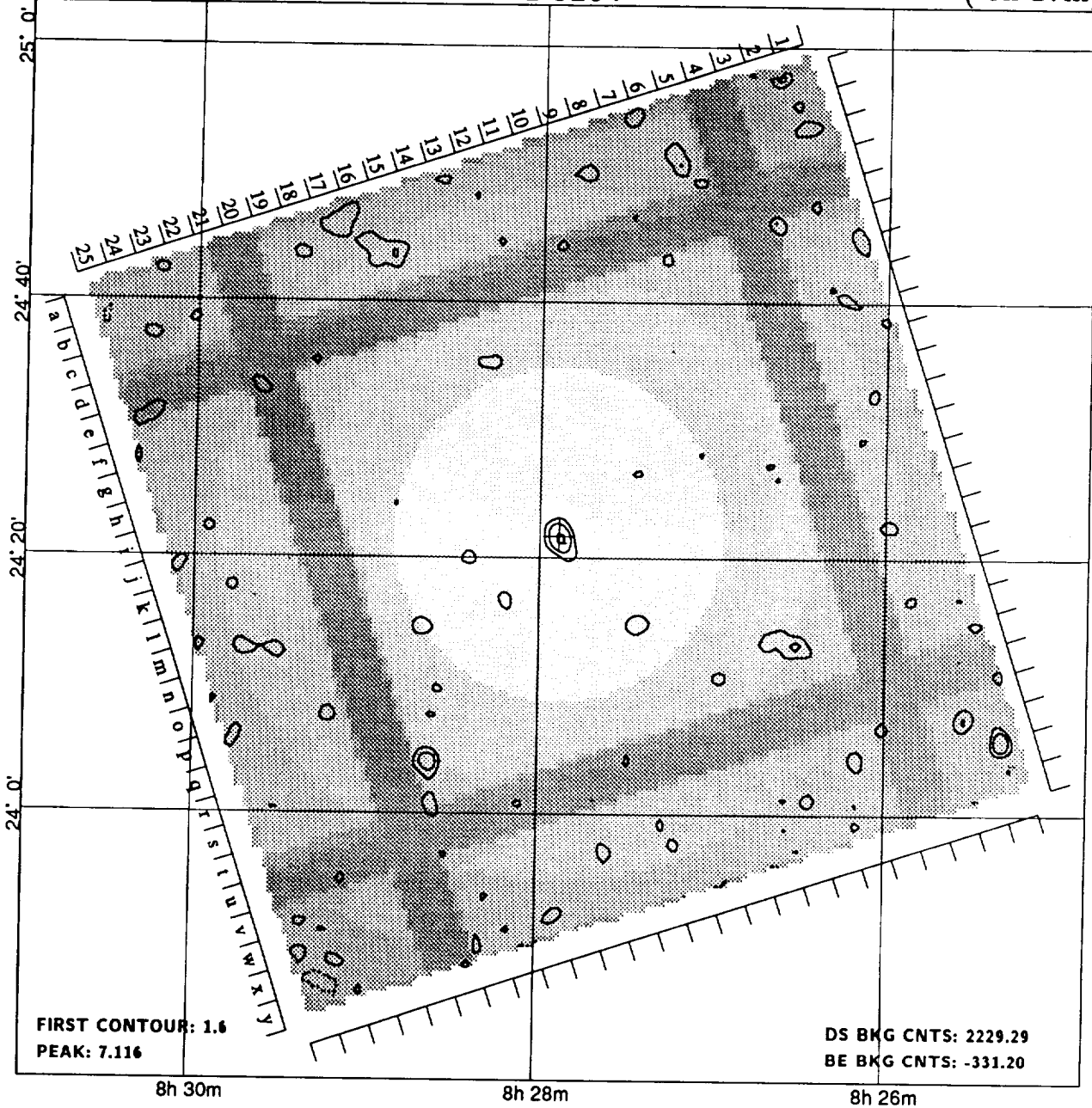
DATE: 1979/171 - 1979/171
 LIVETIME: 1962.0s
 ROLL ANGLE: 32.6°

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

(8h 27m)

I 3264

(8h 27m)



FIRST CONTOUR: 1.6
PEAK: 7.116

DS BKG CNTS: 2229.29
BE BKG CNTS: -331.20

0827+24: EXTRAGALACTIC STRONG MILLIMETER SOURCES

FIELD CENTER: 08^h 27^m 54.4^s 24° 21' 07" (B1950)
08^h 30^m 52.1^s 24° 10' 59" (J2000)
l: 200.02 b: 31.88

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

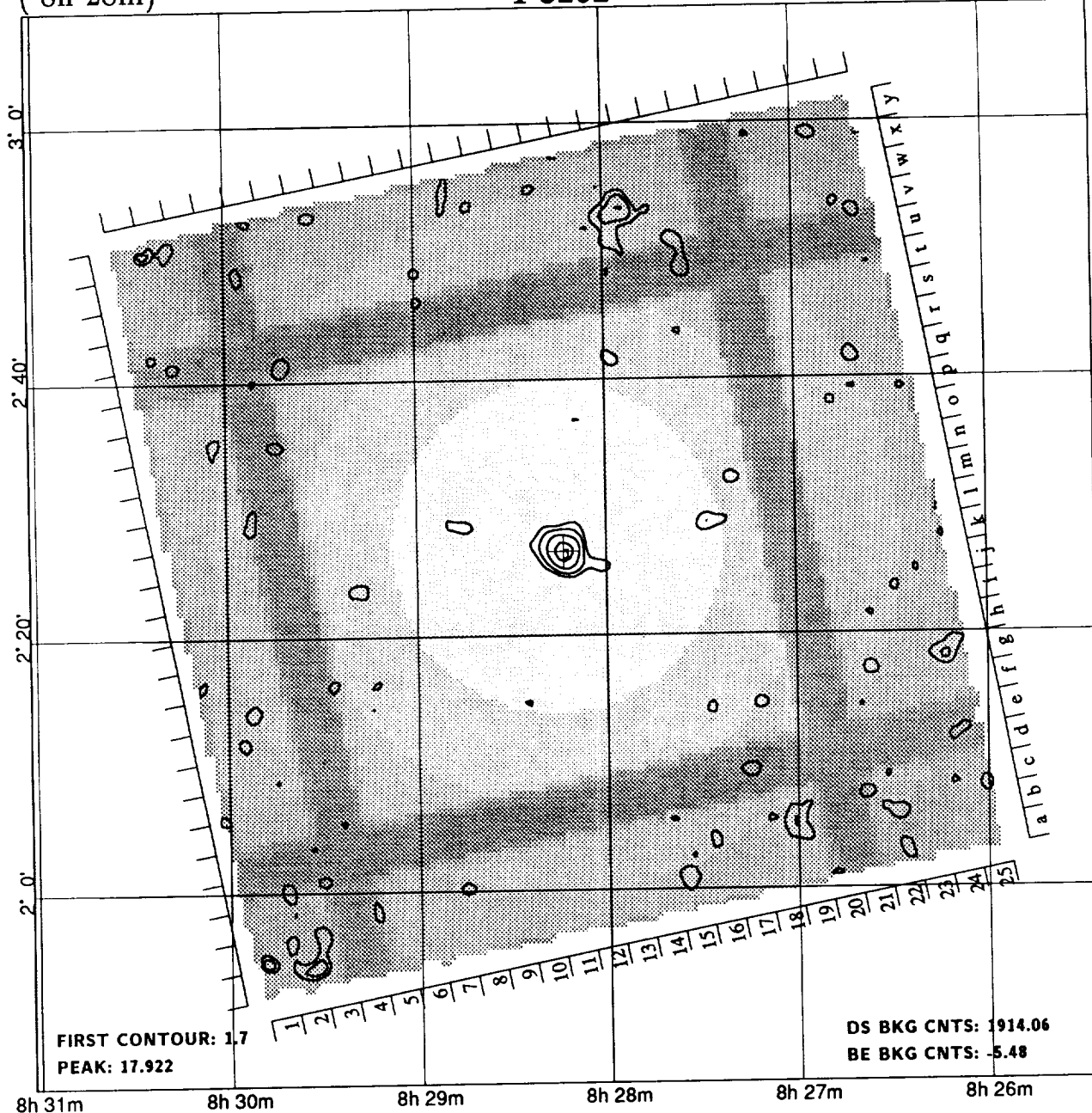
NH: 3.5E+20
REF/ID:
FIELD FLAGS:

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°

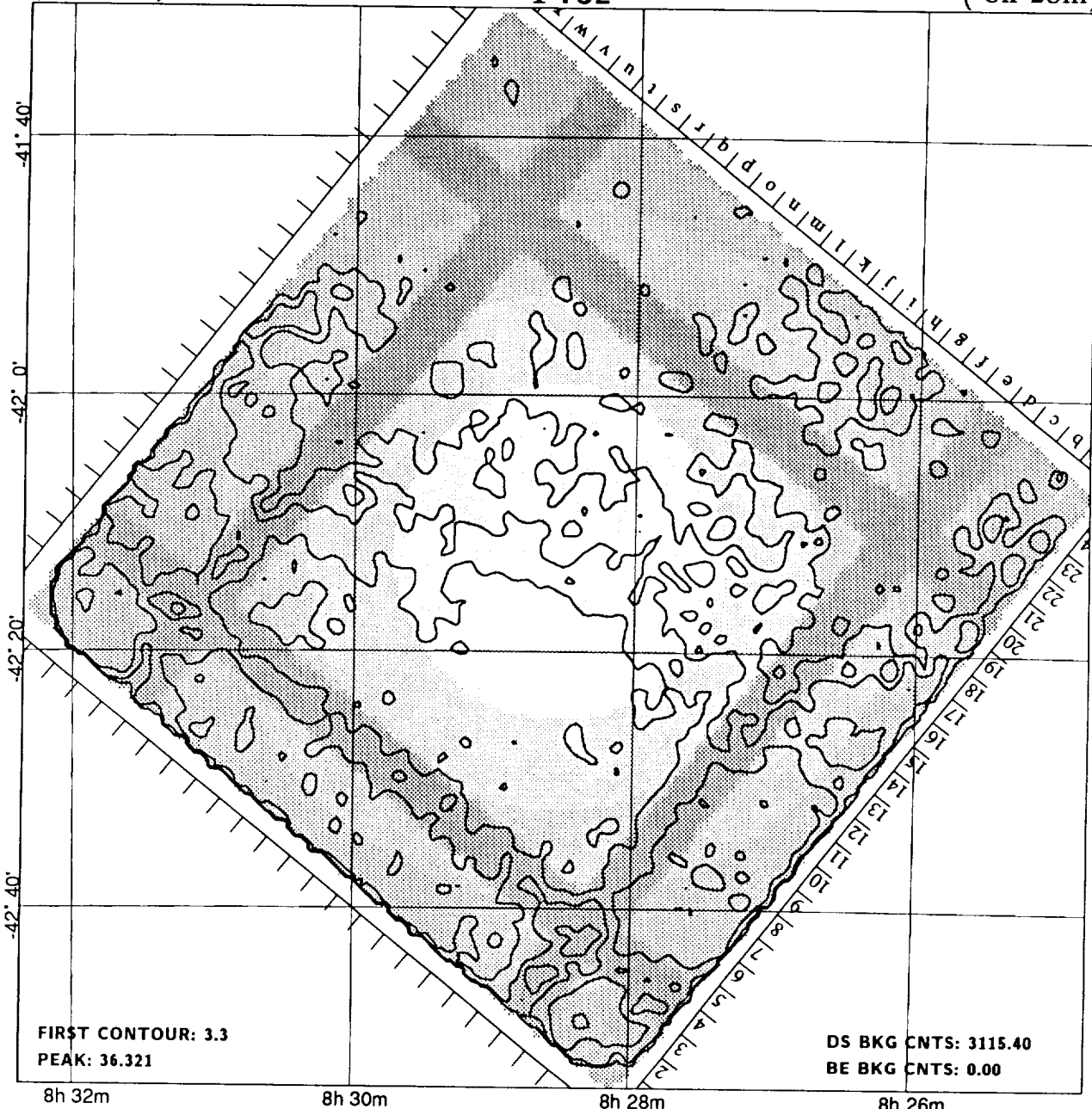
NH: 4.1E+20
 REF/ID:
 FIELD FLAGS:

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: $08^h 28^m 34.0^s$ $-42^\circ 11' 59''$ (B1950)
 $08^h 30^m 19.4^s$ $-42^\circ 22' 08''$ (J2000)
 $l: 260.75$ $b: -1.85$

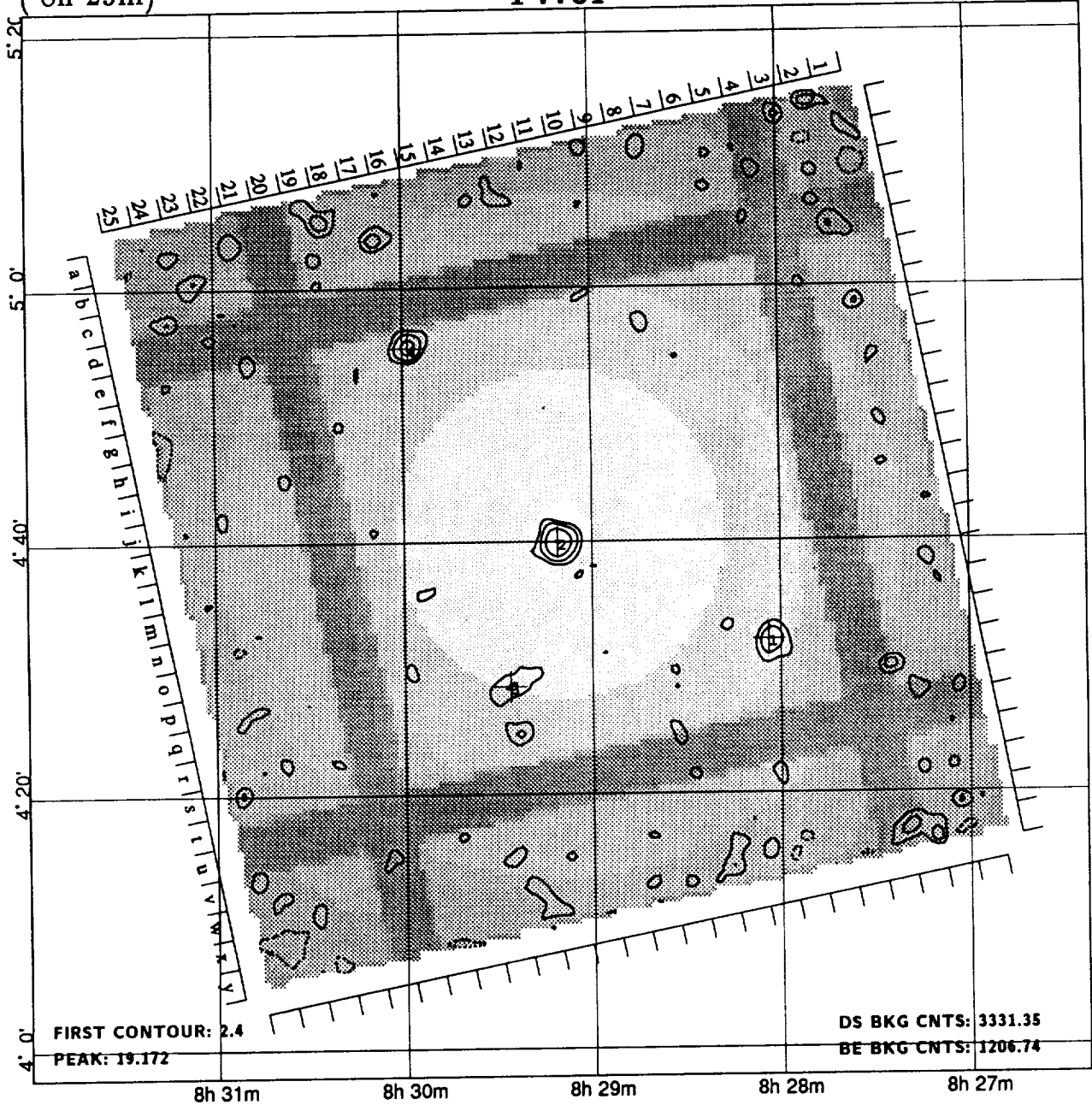
DATE: 1978/352 - 1978/352
 LIVETIME: 2524.5s
 ROLL ANGLE: -141.5°

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

(8h 29m)

I 7731

(8h 29m)



OJ 049, FAINT BL LAC OBJECTS

FIELD CENTER: $08^h 29^m 11.0^s$ $04^\circ 39' 50''$ (B1950)
 $08^h 31^m 48.9^s$ $04^\circ 29' 39''$ (J2000)
 $l: 220.69$ $b: 24.33$

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

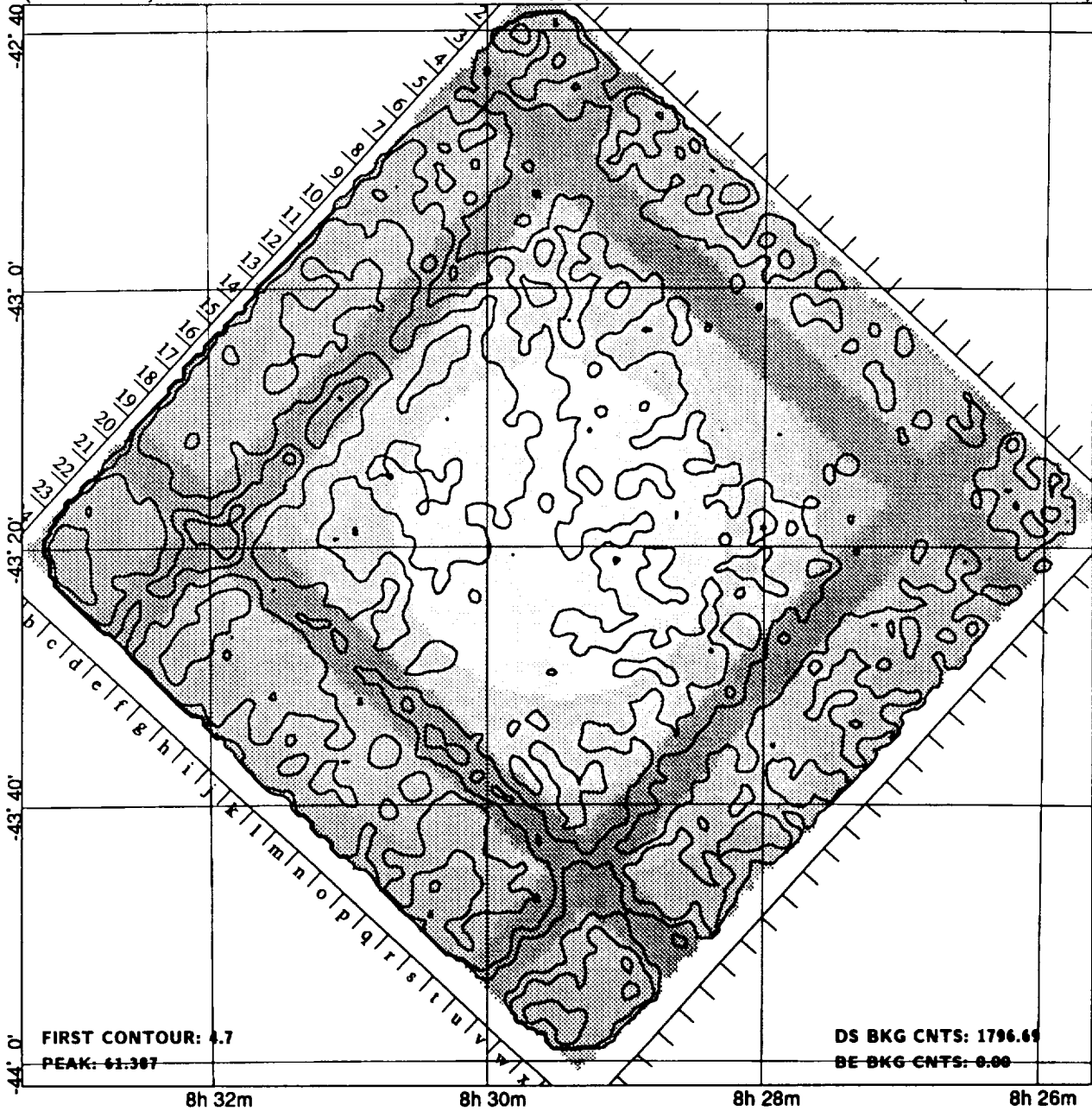
NH: $3.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)
 08^h31^m13.6^s -43°30'11" (J2000)
 l : 261.77 b : -2.39

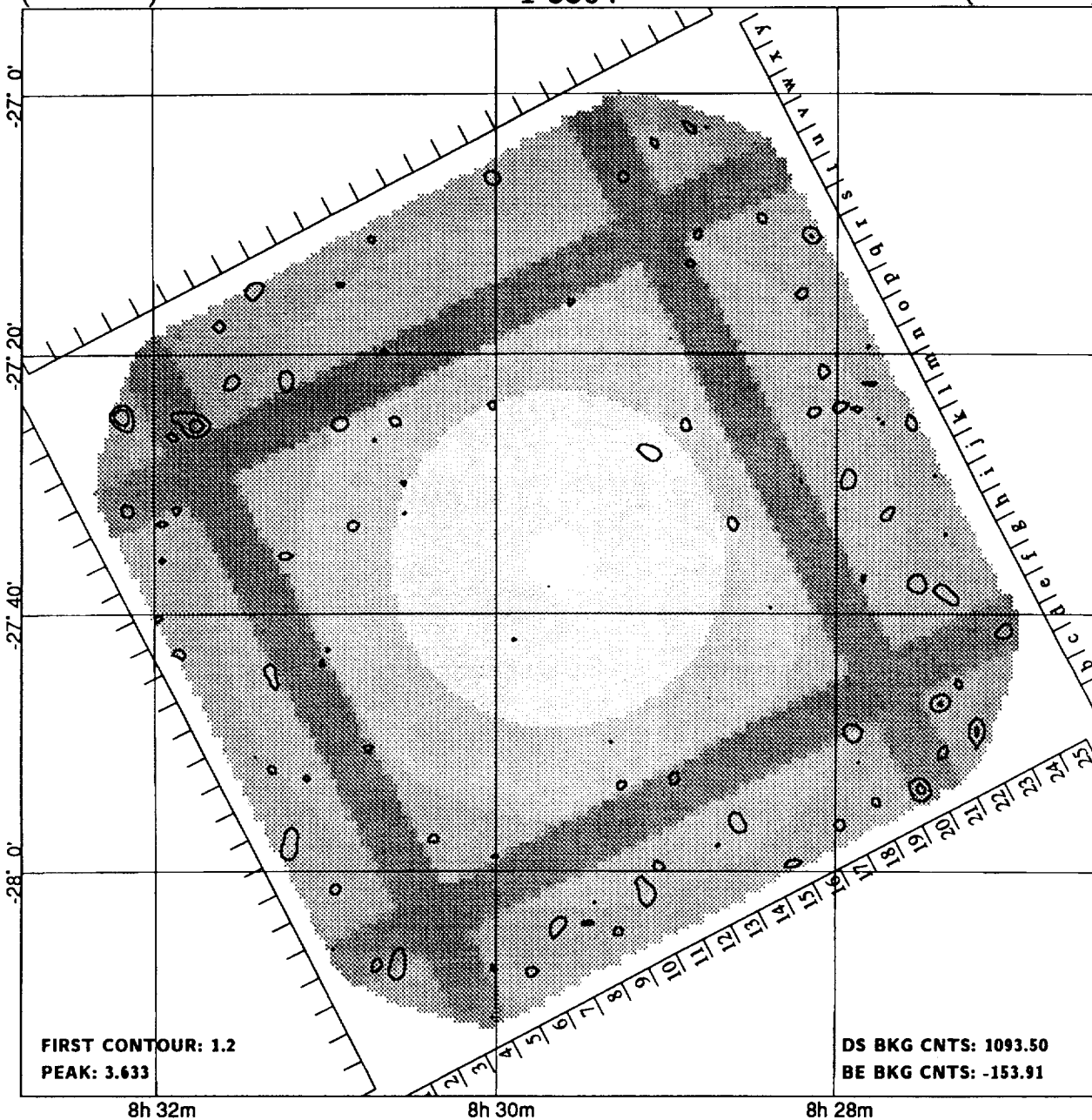
DATE: 1980/164 - 1980/164
 LIVETIME: 1455.9s
 ROLL ANGLE: 42.5°

NH: 5.4E+21
 REF/ID: SNR
 FIELD FLAGS: DLST

(8h 29m)

I 3304

(8h 29m)



8h 32m

8h 30m

8h 28m

SYMBIOTIC STARS: AS 201

FIELD CENTER: $08^h 29^m 36.8^s - 27^\circ 35' 19''$ (B1950)
 $08^h 31^m 42.8^s - 27^\circ 45' 32''$ (J2000)
 $l: 249.08 \quad b: 6.97$

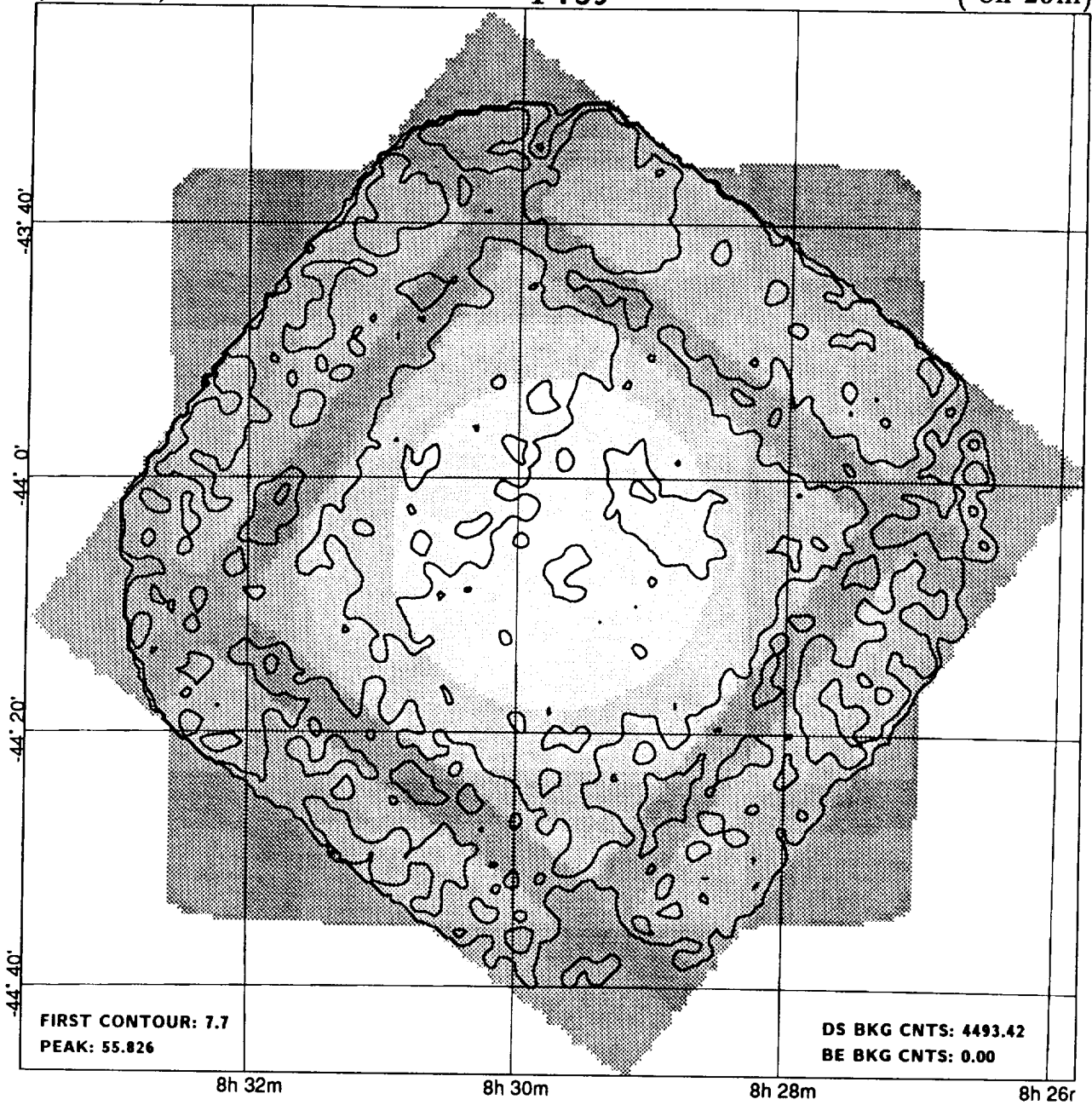
DATE: 1979/326 - 1979/326
 LIVETIME: 886.1s
 ROLL ANGLE: -117.4°

NH: $1.5E+21$
 REF/ID: S
 FIELD FLAGS:

(8h 29m)

I 739

(8h 29m)



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

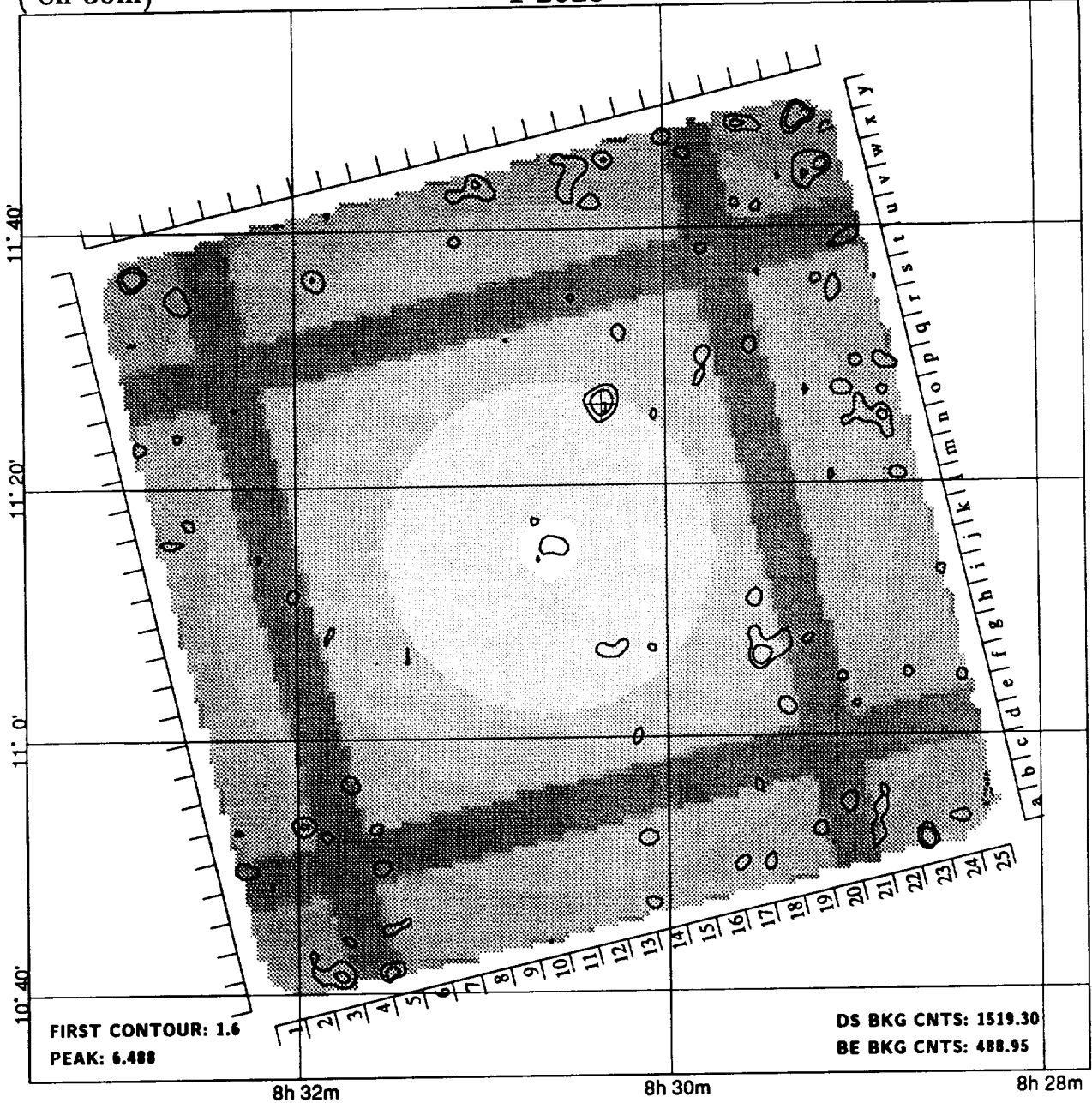
DATE: 1978/354 - 1979/298
LIVETIME: 3641.4s

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

(8h 30m)

I 2023

(8h 30m)



MC 5: STUDY, QUASARS

FIELD CENTER: $08^h 30^m 36.0^s$ $11^\circ 15' 28''$ (B1950)
 $08^h 33^m 20.1^s$ $11^\circ 05' 11''$ (J2000)
 $l: 214.31$ $b: 27.60$

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

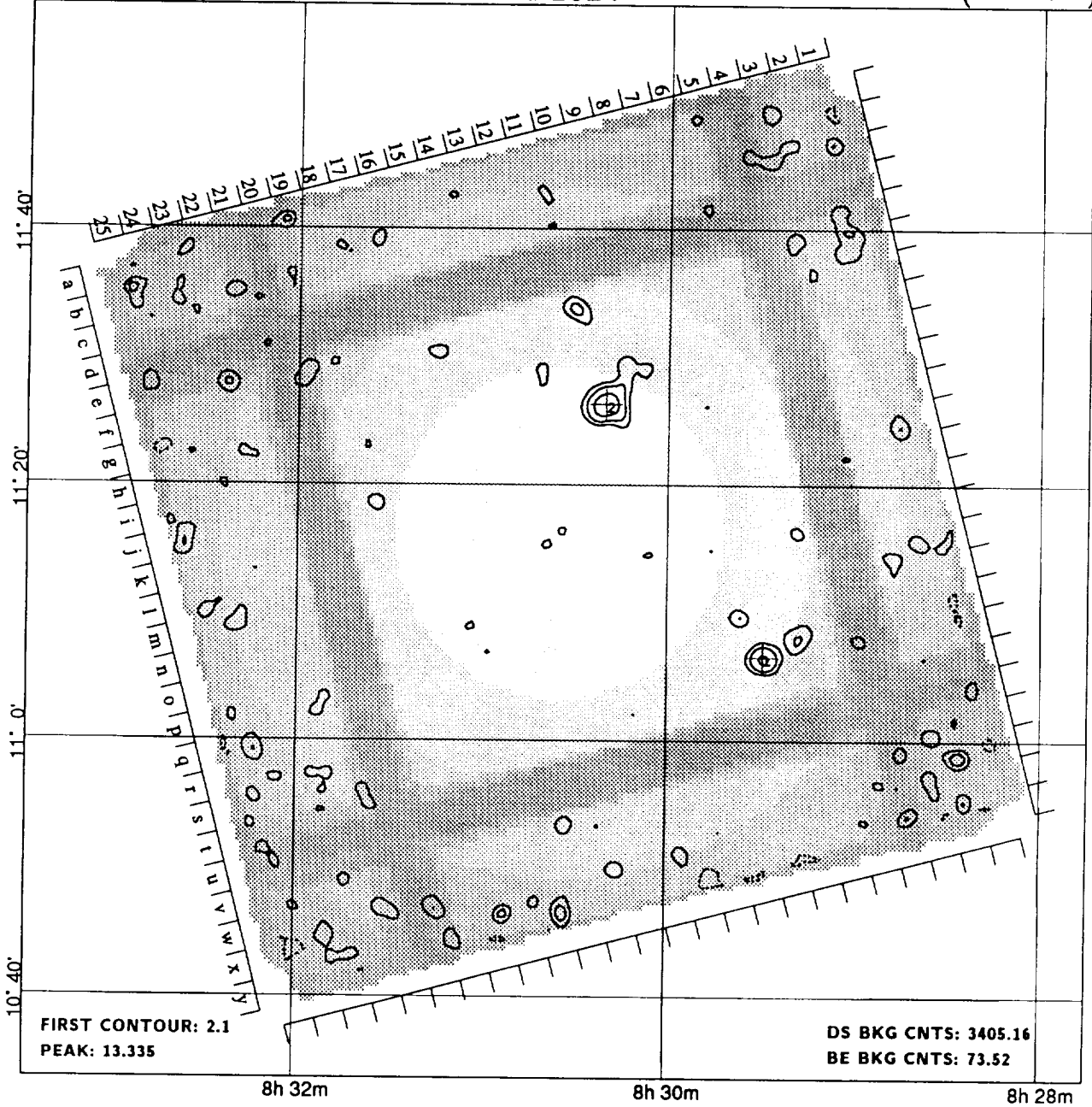
NH: $3.9E+20$
 REF/ID: !
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
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	

(8h 30m)

I 2024

(8h 30m)



MC 5: STUDY, QUASARS

FIELD CENTER: $08^h 30^m 36.0^s$ $11^\circ 15' 20''$ (B1950)
 $08^h 33^m 20.1^s$ $11^\circ 05' 11''$ (J2000)
 $l: 214.31$ $b: 27.60$

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

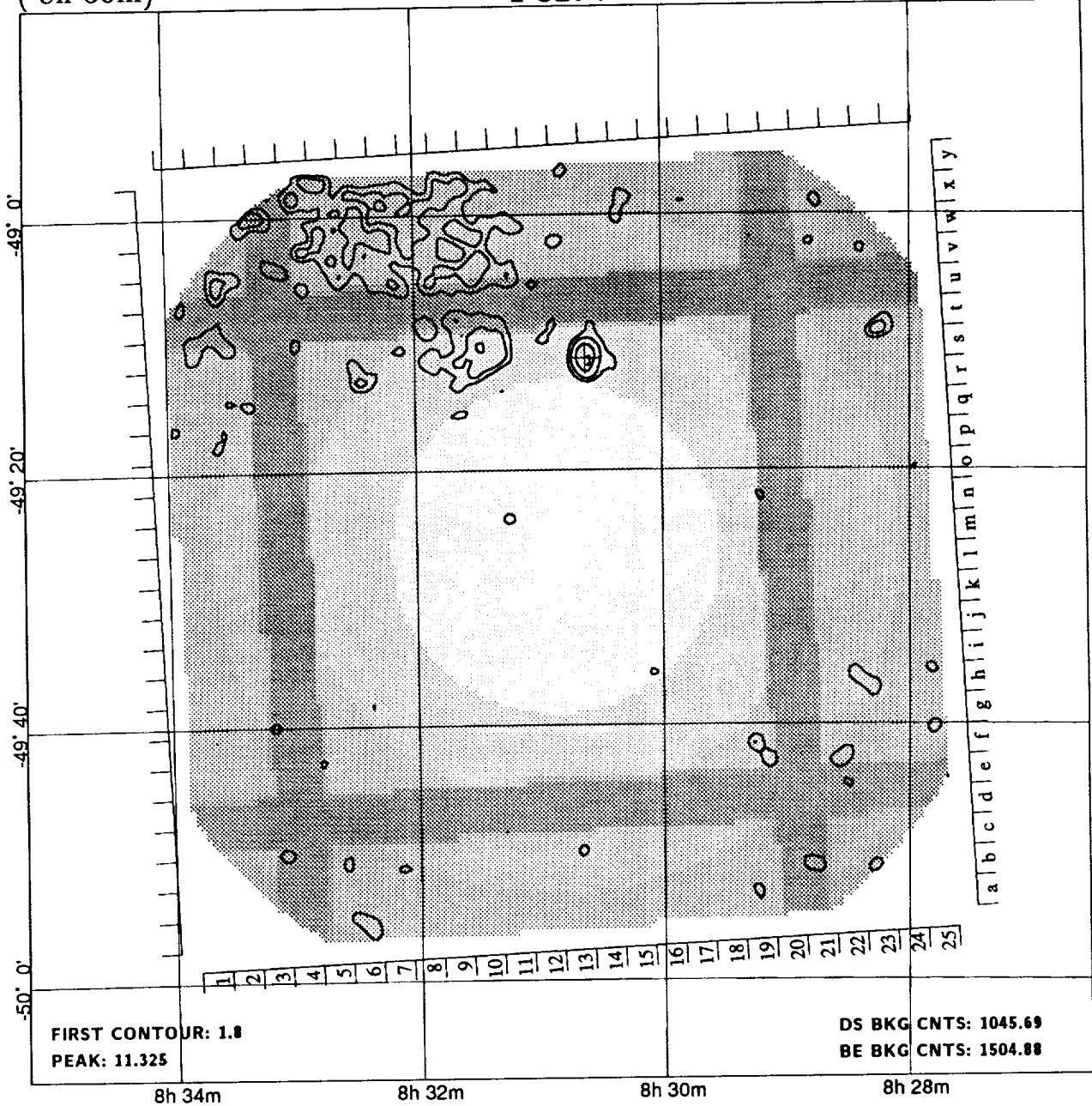
NH: $3.9E+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(8h 30m)

I 3274

(8h 30m)



FIRST CONTOUR: 1.0
PEAK: 11.325

DS BKG CNTS: 1045.69
BE BKG CNTS: 1504.88

8h 34m

8h 32m

8h 30m

8h 28m

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°

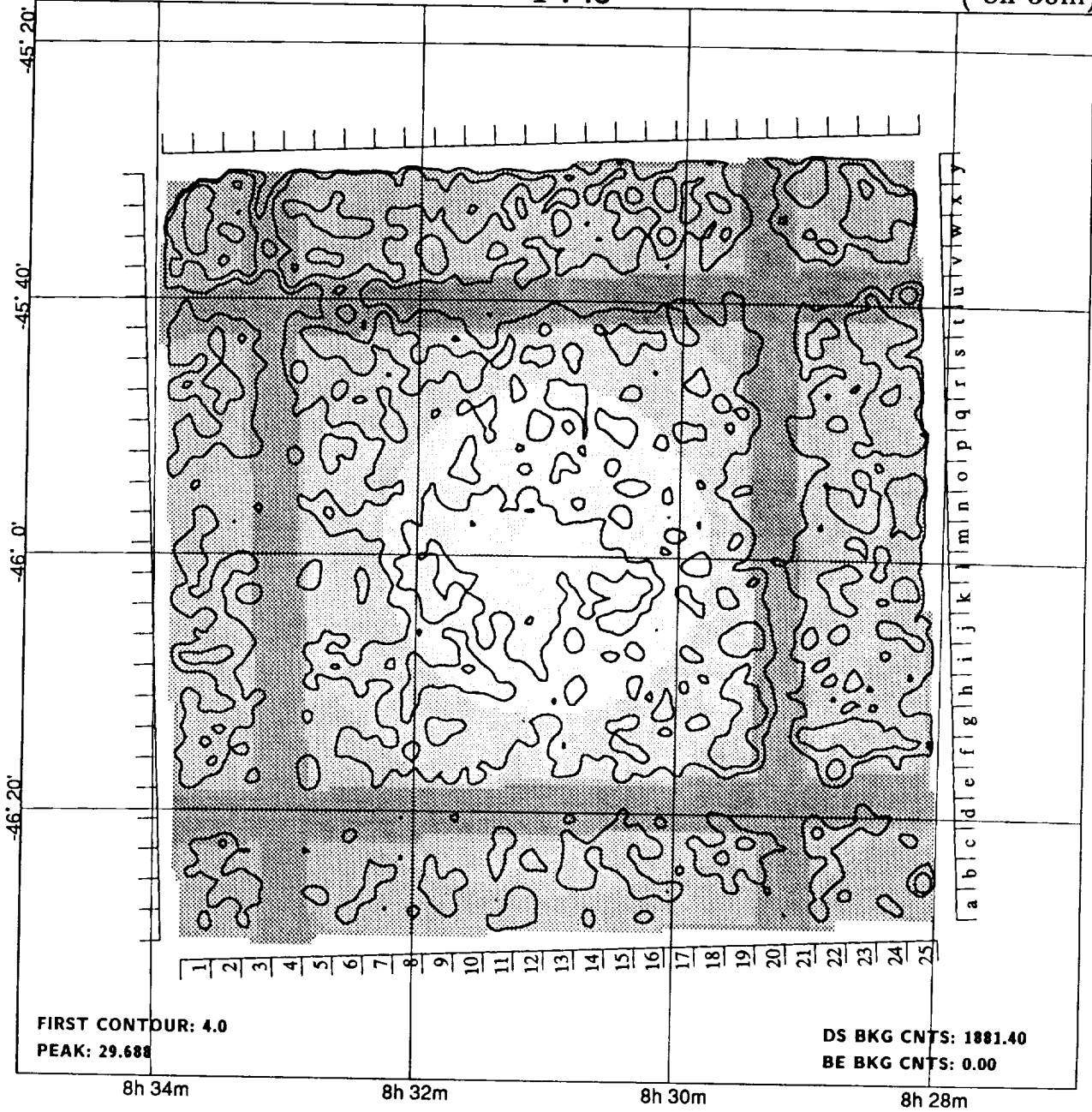
NH: 1.9E+21
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
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		

(8h 30m)

I 745

(8h 30m)



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 30^m 57.0^s$ $-45^\circ 58' 59''$ (B1950)
 $08^h 32^m 36.0^s$ $-46^\circ 09' 16''$ (J2000)
 $l: 264.05$ $b: -3.75$

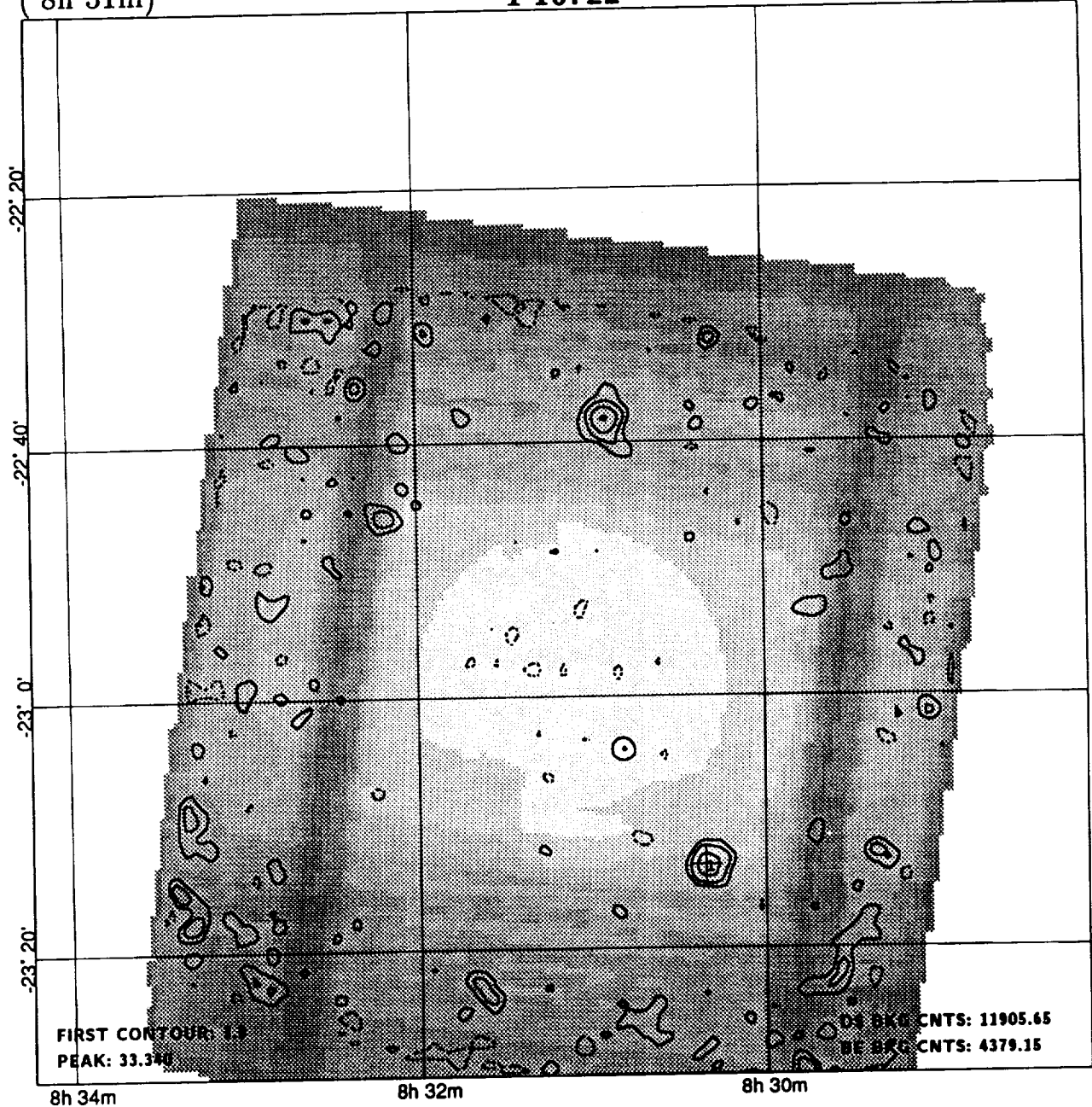
DATE: 1978/357 - 1979/298
LIVETIME: 1524.5s
ROLL ANGLE: -92.2°

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

(8h 31m)

I 10722

(8h 31m)



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

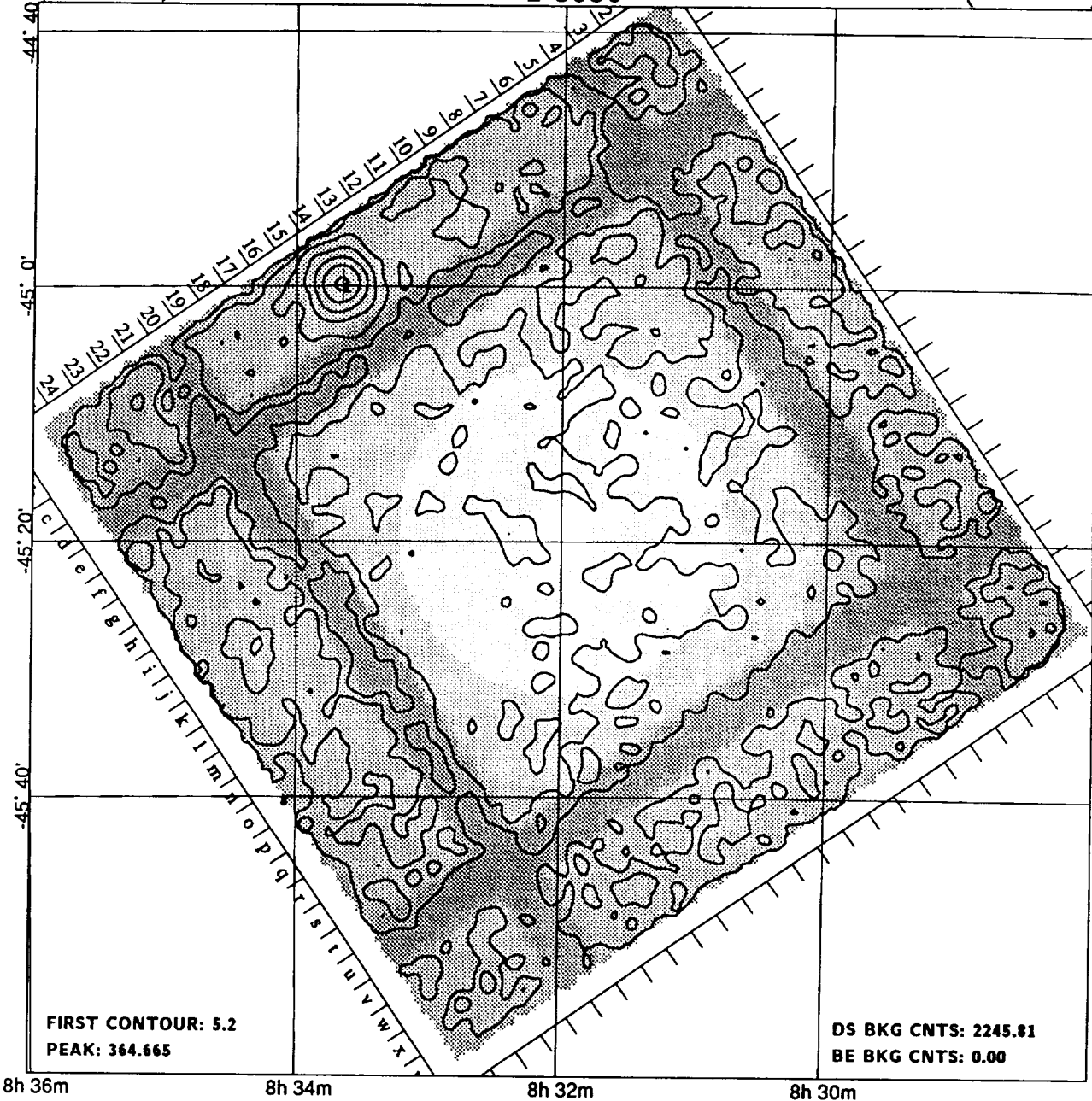
NH: 7.9E+20
 REF/ID:
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
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		

(8h 32m)

I 8030

(8h 32m)



NEW VELA SNR FIELDS: PRIORITY 1

FIELD CENTER: $08^h 32^m 00.0^s$ $-45^\circ 19' 59''$ (B1950)
 $08^h 33^m 40.4^s$ $-45^\circ 30' 19''$ (J2000)
 $l: 263.64$ $b: -3.22$

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

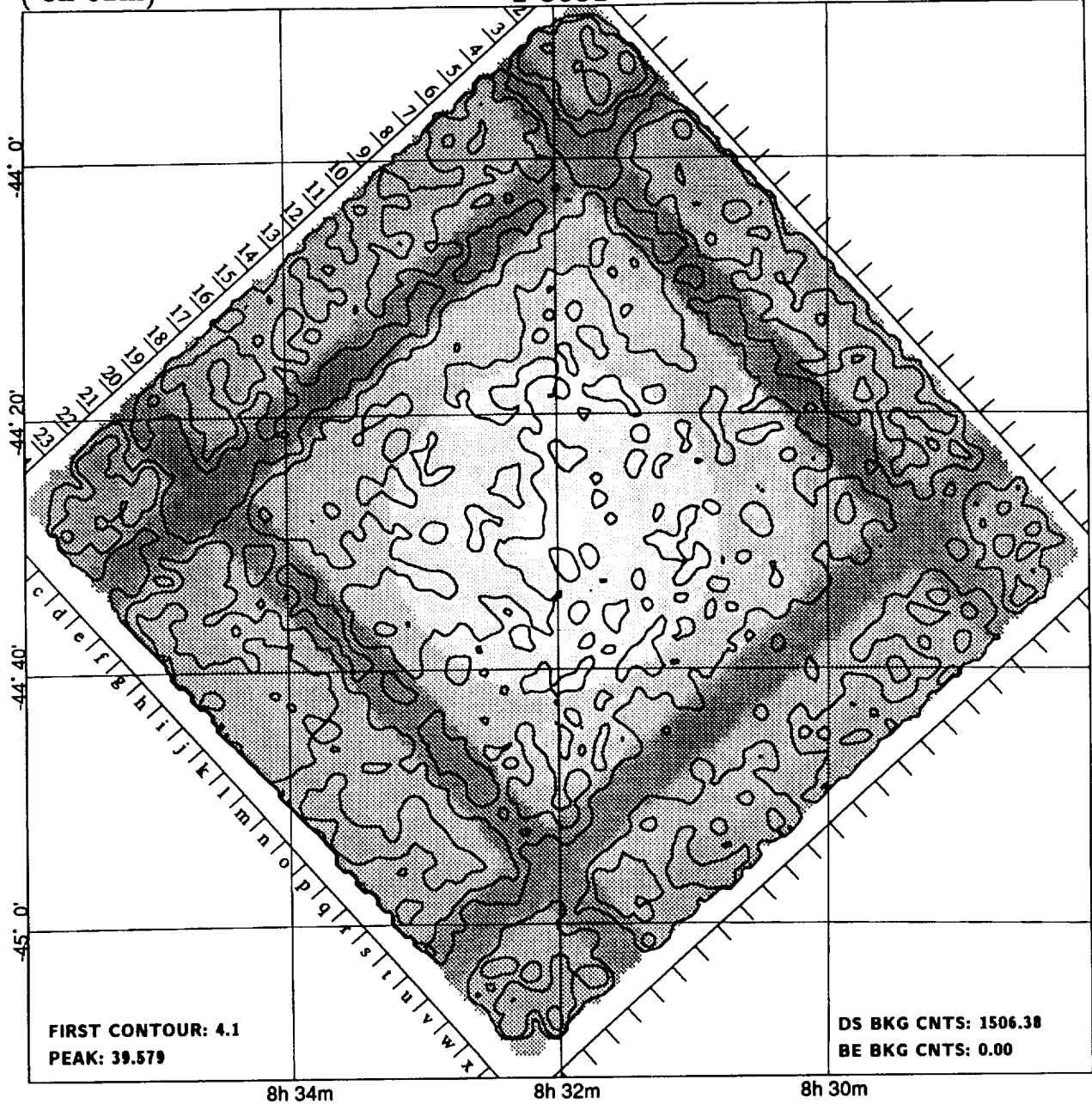
NH: $3.4E+21$
 REF/ID: SNR
 FIELD FLAGS: LST

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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)



FIRST CONTOUR: 4.1
PEAK: 39.579

DS BKG CNTS: 1506.38
BE BKG CNTS: 0.00

8h 34m

8h 32m

8h 30m

NEW VELA SNR FIELDS: PRIORITY 2

FIELD CENTER: $08^h 32^m 00.0^s -44^\circ 29' 59''$ (B1950)
 $08^h 33^m 42.0^s -44^\circ 40' 19''$ (J2000)
 $l: 262.97 \quad b: -2.72$

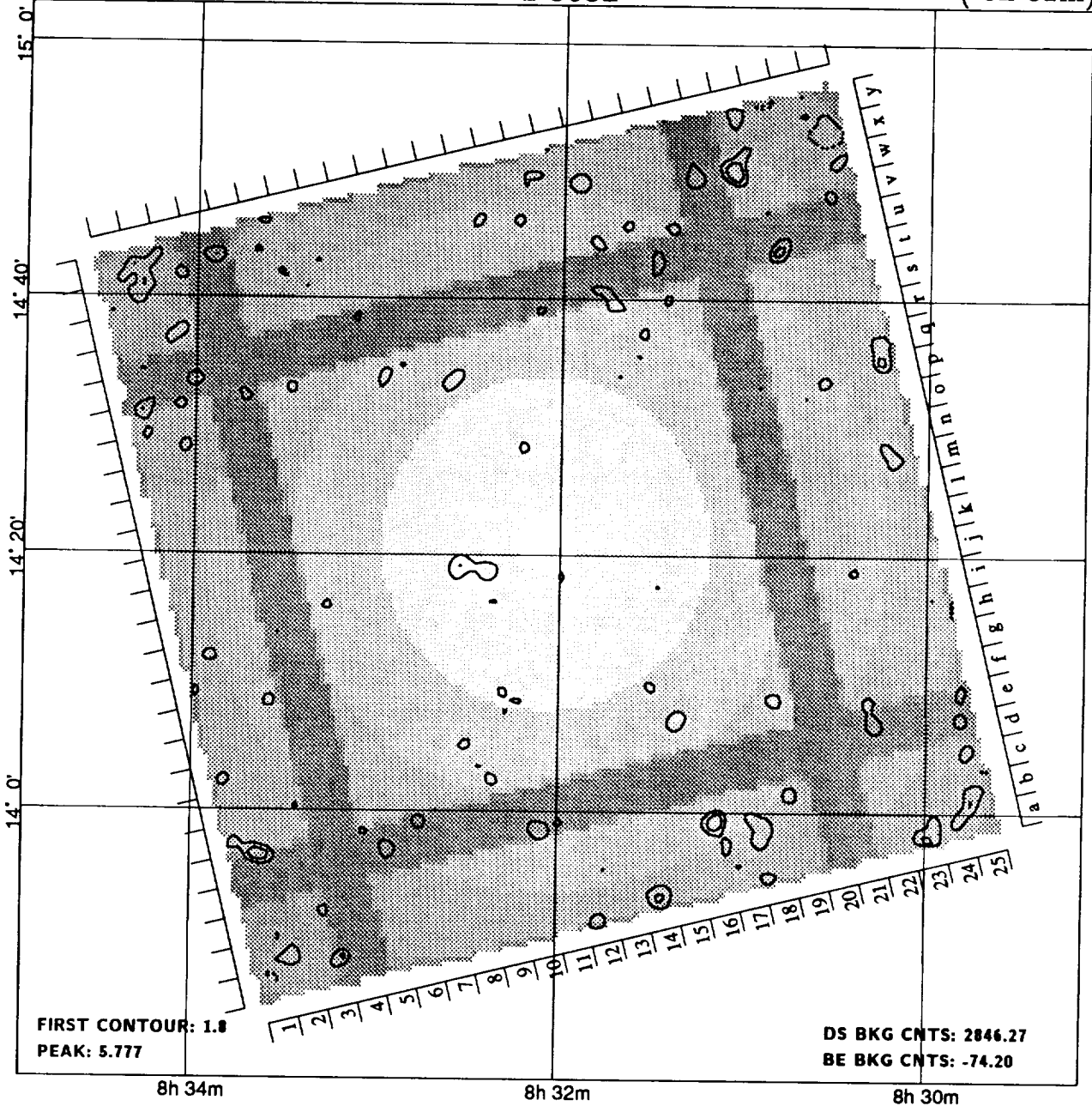
DATE: 1980/158 - 1980/158
LIVETIME: 1220.7s
ROLL ANGLE: 48.2°

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

(8h 32m)

I 3032

(8h 32m)



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

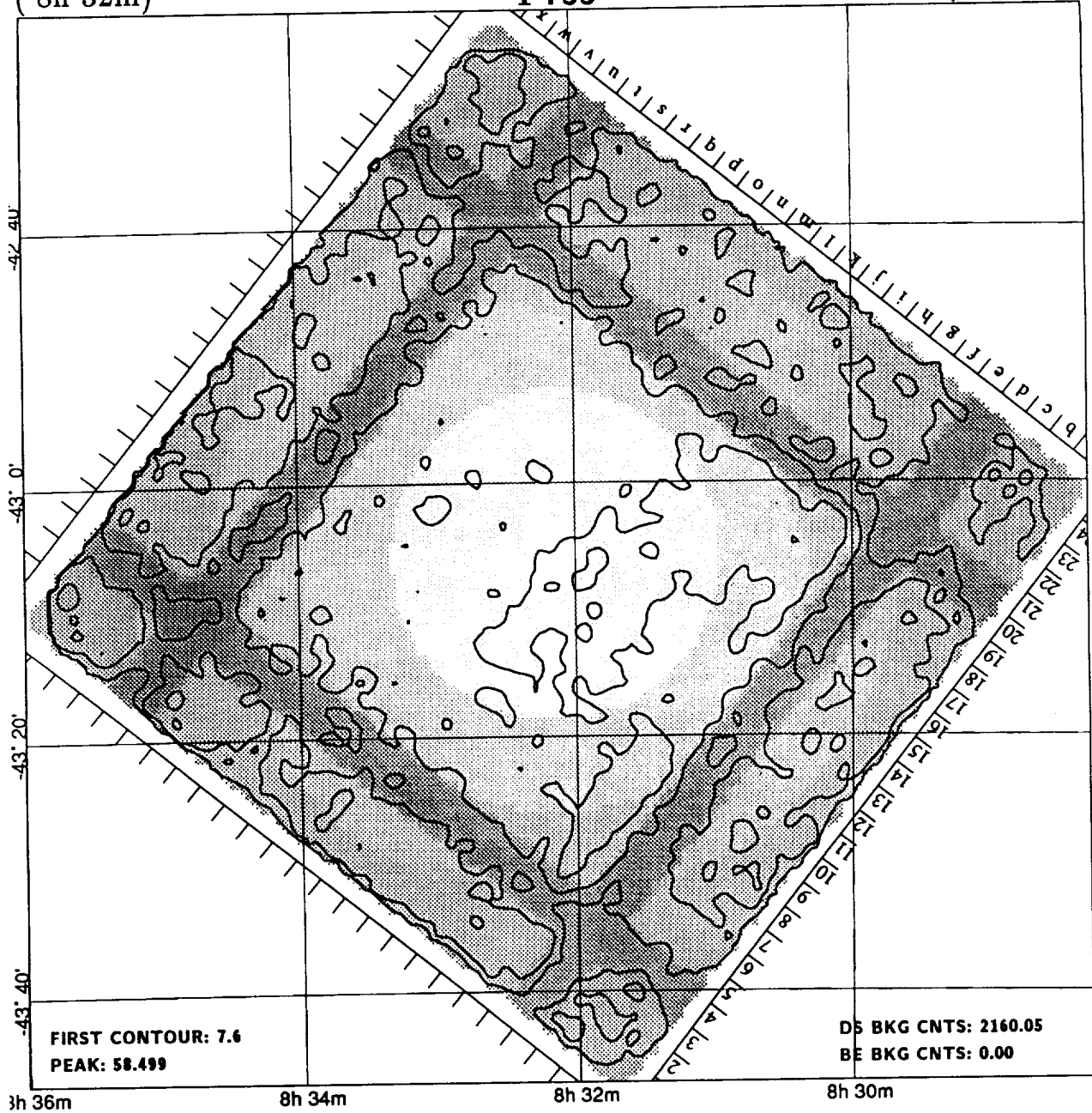
DATE: 1979/296 - 1979/296
 LIVETIME: 2306.4s
 ROLL ANGLE: -103.7°

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

(8h 32m)

I 733

(8h 32m)



FIRST CONTOUR: 7.6
 PEAK: 58.499

DS BKG CNTS: 2160.05
 BE BKG CNTS: 0.00

8h 36m

8h 34m

8h 32m

8h 30m

VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 32^m 08.0^s$ $-43^\circ 04' 59''$ (B1950)
 $08^h 33^m 52.5^s$ $-43^\circ 15' 20''$ (J2000)
 $l: 261.85$ $b: -1.85$

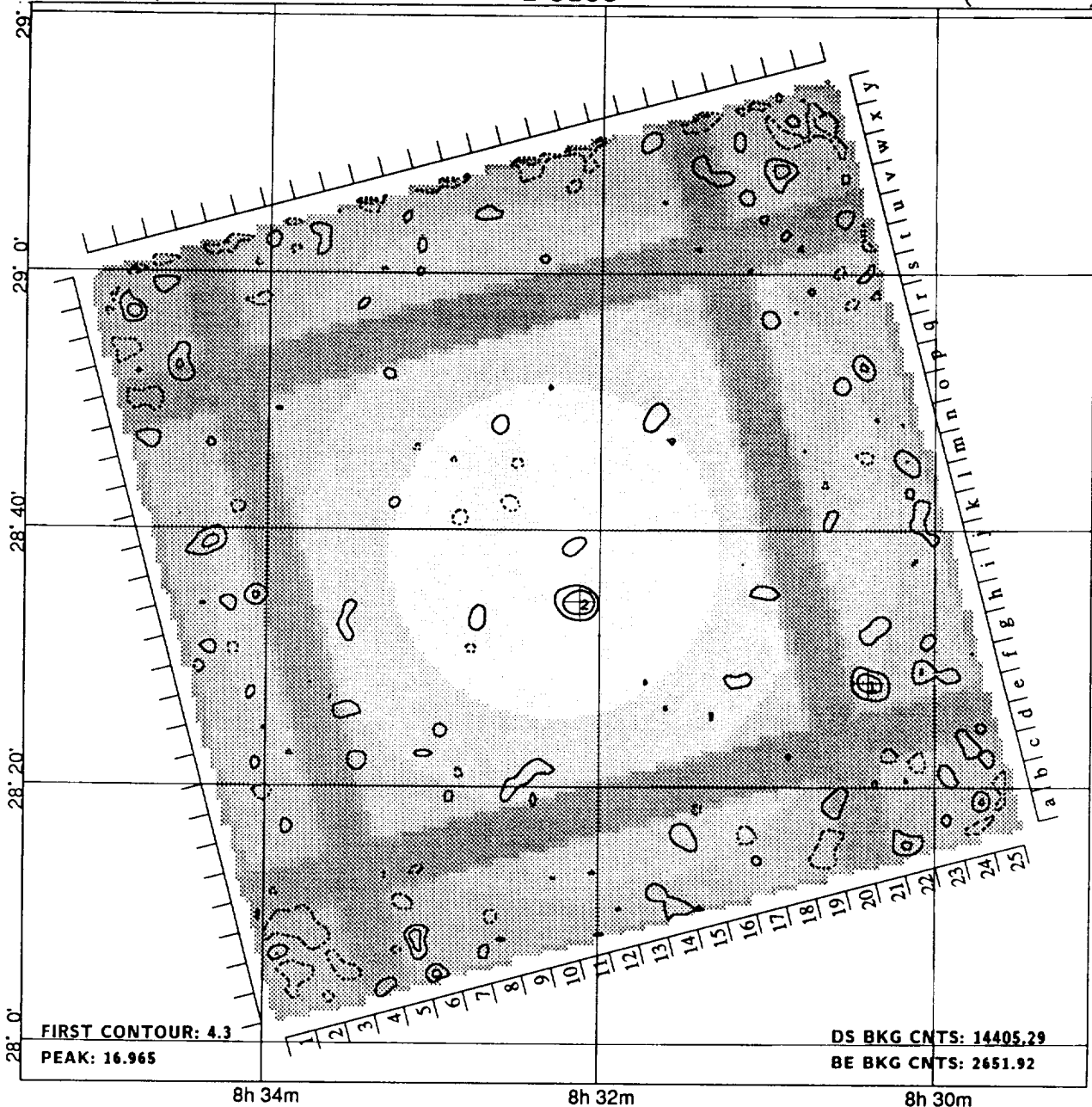
DATE: 1978/353 - 1978/353
 LIVETIME: 1750.4s
 ROLL ANGLE: -141.6°

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

(8h 32m)

I 5155

(8h 32m)



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°

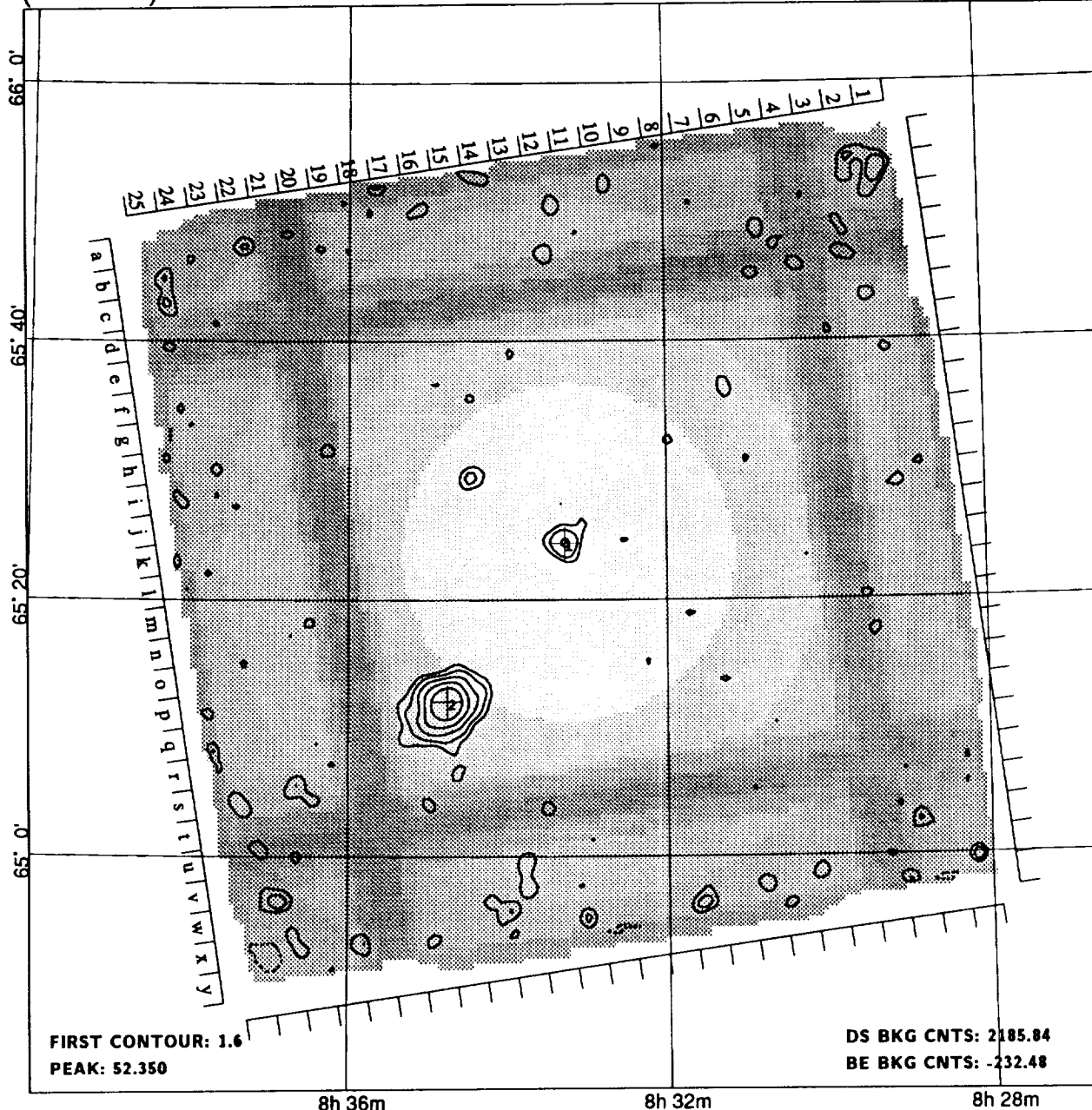
NH: 4.0E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(8h 33m)

I 501

(8h 33m)



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°

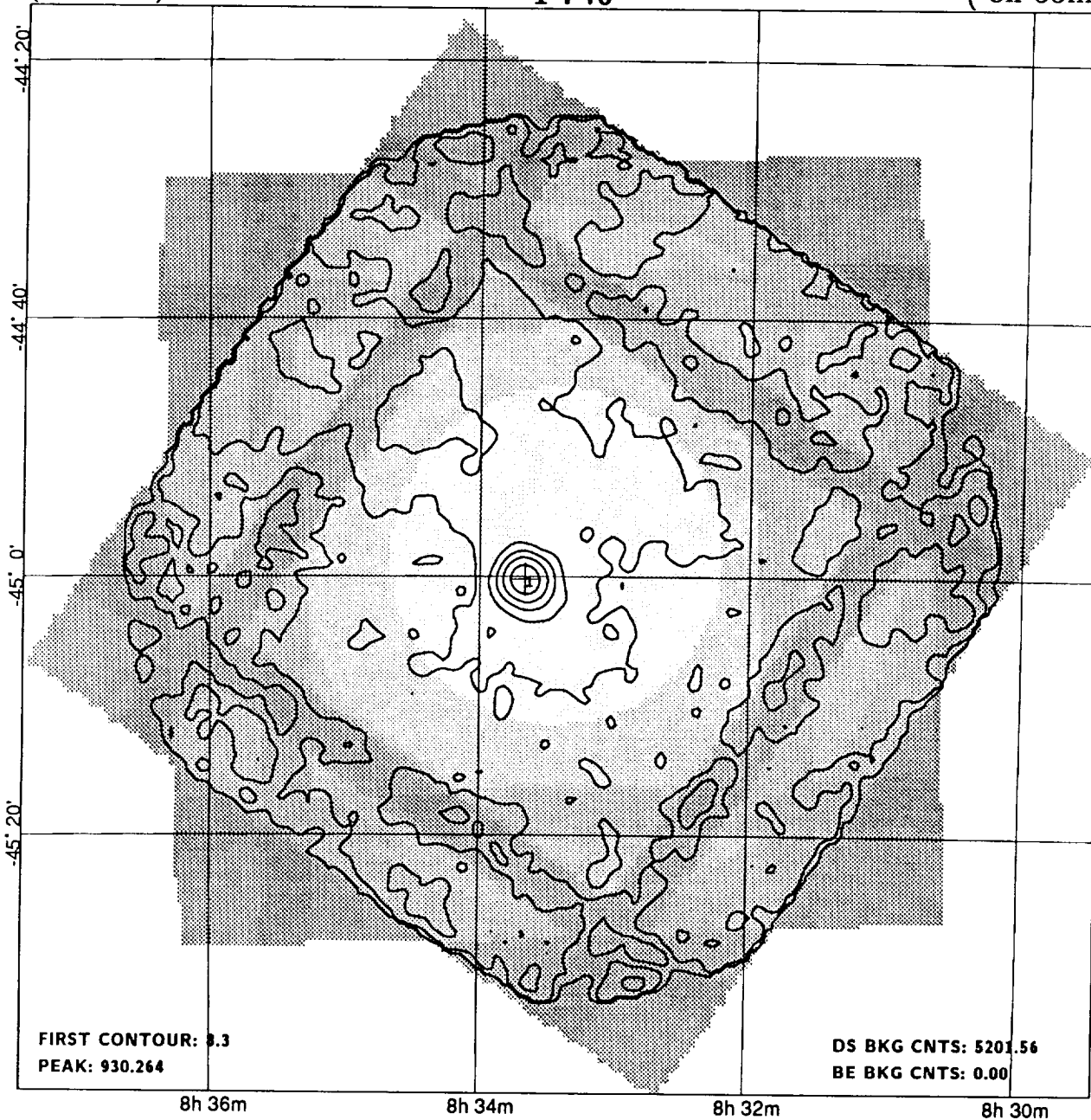
NH: 4.3E+20
 REF/ID:
 FIELD FLAGS:

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

(8h 33m)

I 740

(8h 33m)



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 33^m 25.0^s$ $-44^\circ 57' 59''$ (B1950)
 $08^h 35^m 06.4^s$ $-45^\circ 08' 24''$ (J2000)
 $l: 263.50$ $b: -2.80$

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

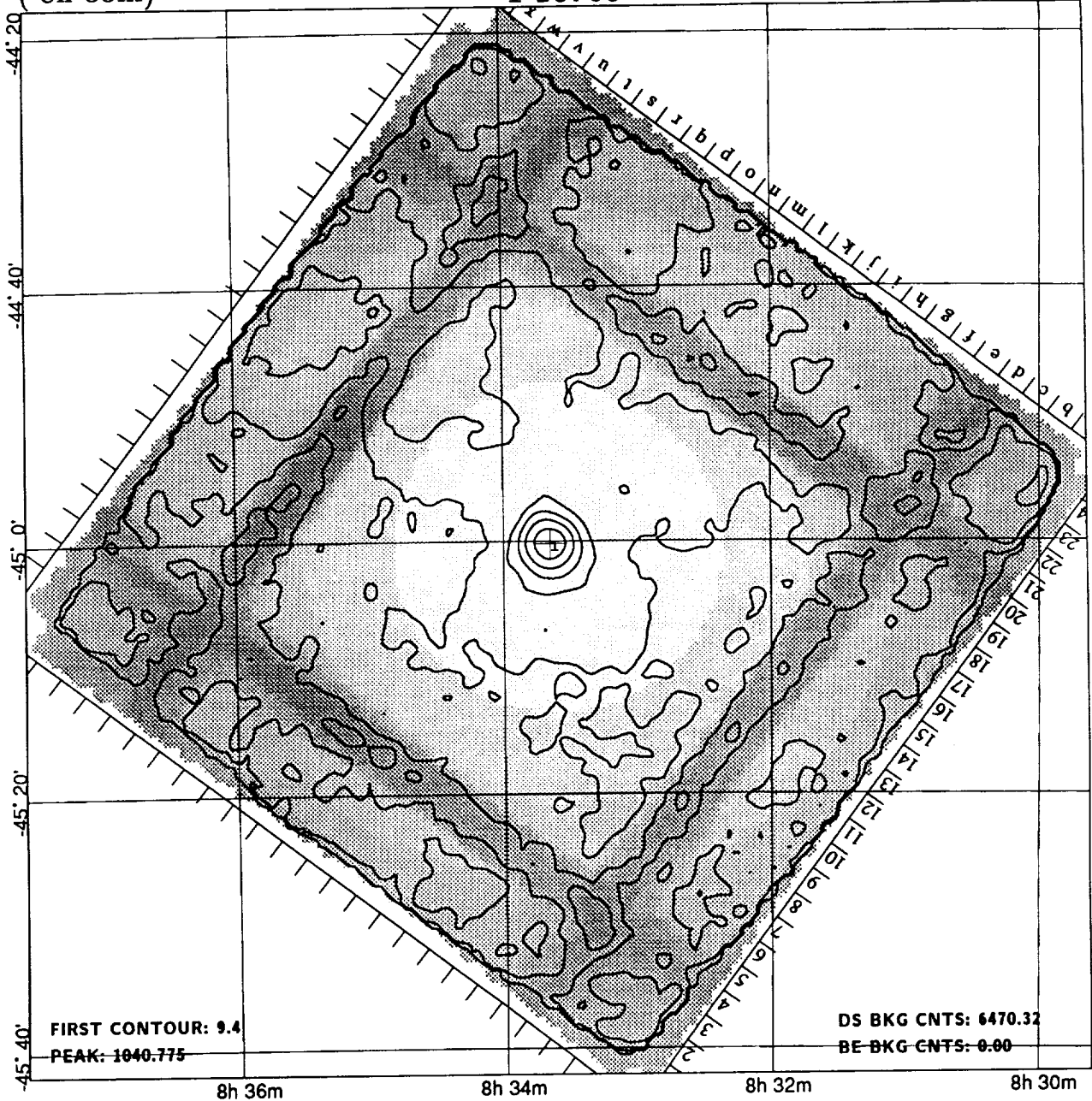
NH: $3.9E+21$
 REF/ID: SNR
 FIELD FLAGS: DLT

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(8h 33m)

I 10765

(8h 33m)



FIRST CONTOUR: 9.4
 PEAK: 1040.775

DS BKG CNTS: 6470.32
 BE BKG CNTS: 0.00

VELA PULSAR STUDY

FIELD CENTER: $08^h 33^m 36.0^s -44^\circ 59' 59''$ (B1950)
 $08^h 35^m 17.3^s -45^\circ 10' 25''$ (J2000)
 $l: 263.54 \quad b: -2.79$

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

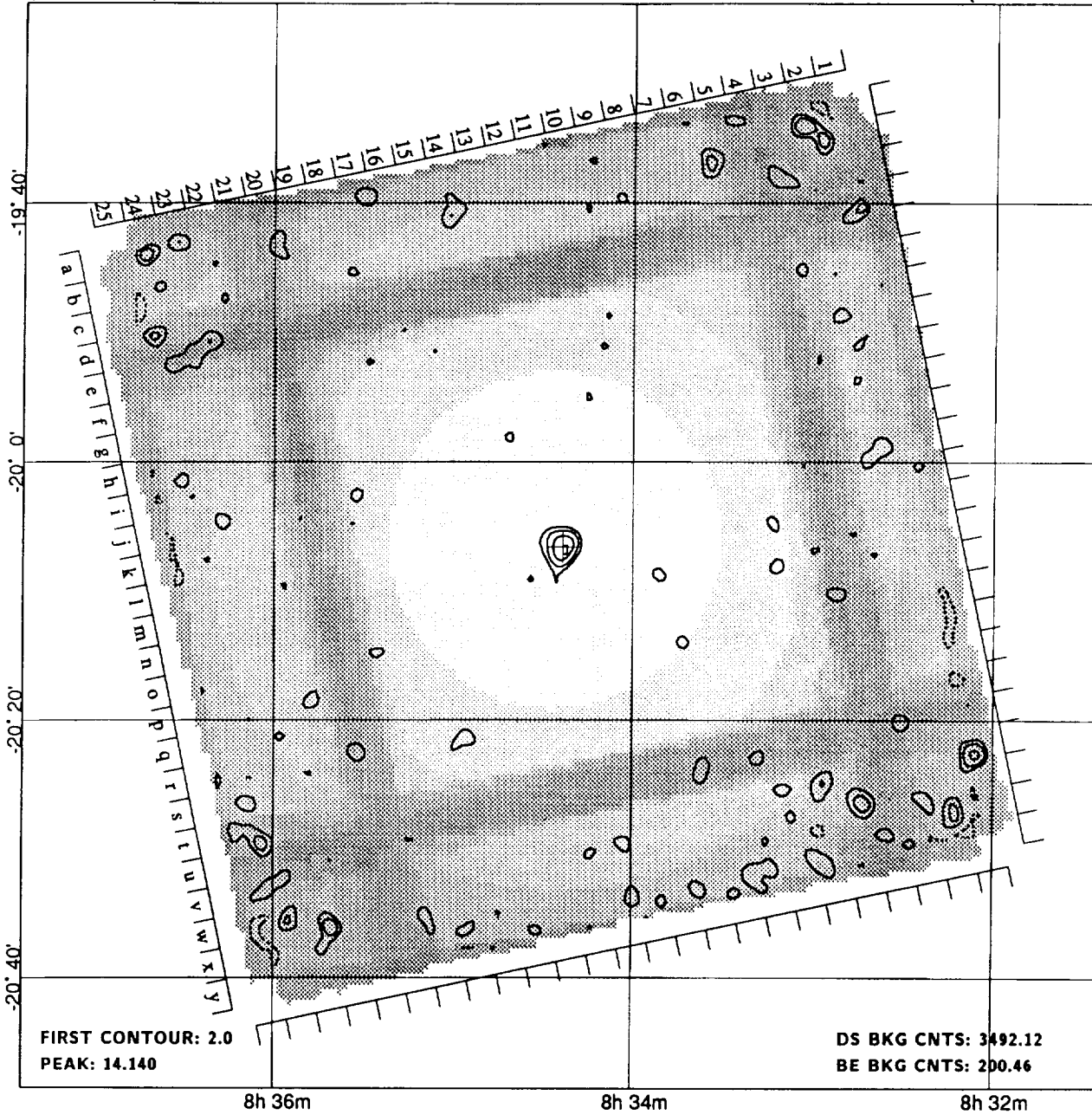
NH: $3.8E+21$
 REF/ID: SNR
 FIELD FLAGS: DLT

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
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

(8h 34m)

I 7296

(8h 34m)



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

FIELD CENTER: 08^h 34^m 24.7^s -20° 06' 34" (B1950)
 08^h 36^m 39.3^s -20° 17' 03" (J2000)
 l : 243.57 b : 12.23

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

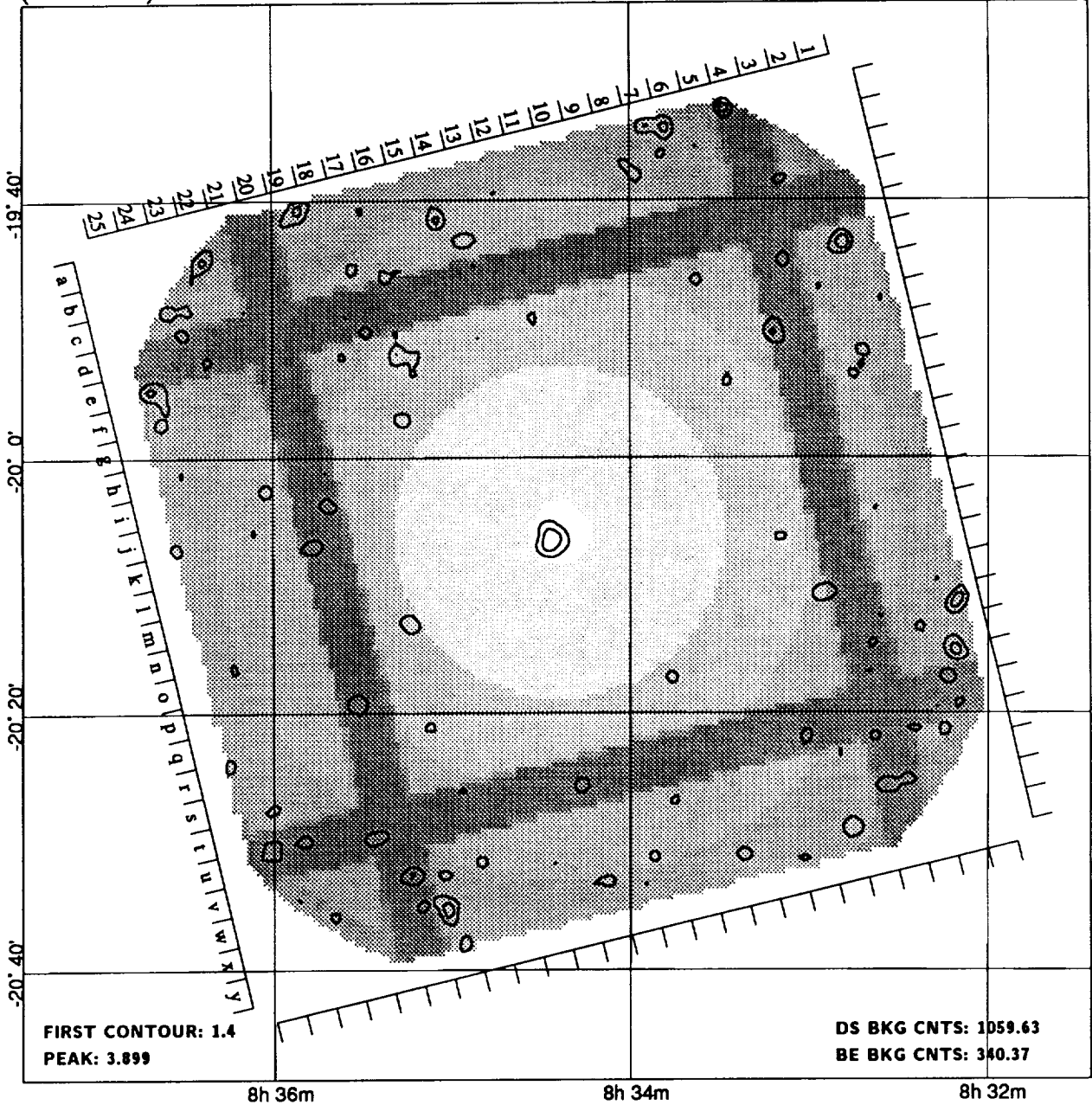
NH: 7.6E+20
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(8h 34m)

I 7297

(8h 34m)



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

FIELD CENTER: $08^h 34^m 24.7^s$ $-20^\circ 06' 34''$ (B1950)
 $08^h 36^m 39.3^s$ $-20^\circ 17' 03''$ (J2000)
 $l: 243.57$ $b: 12.23$

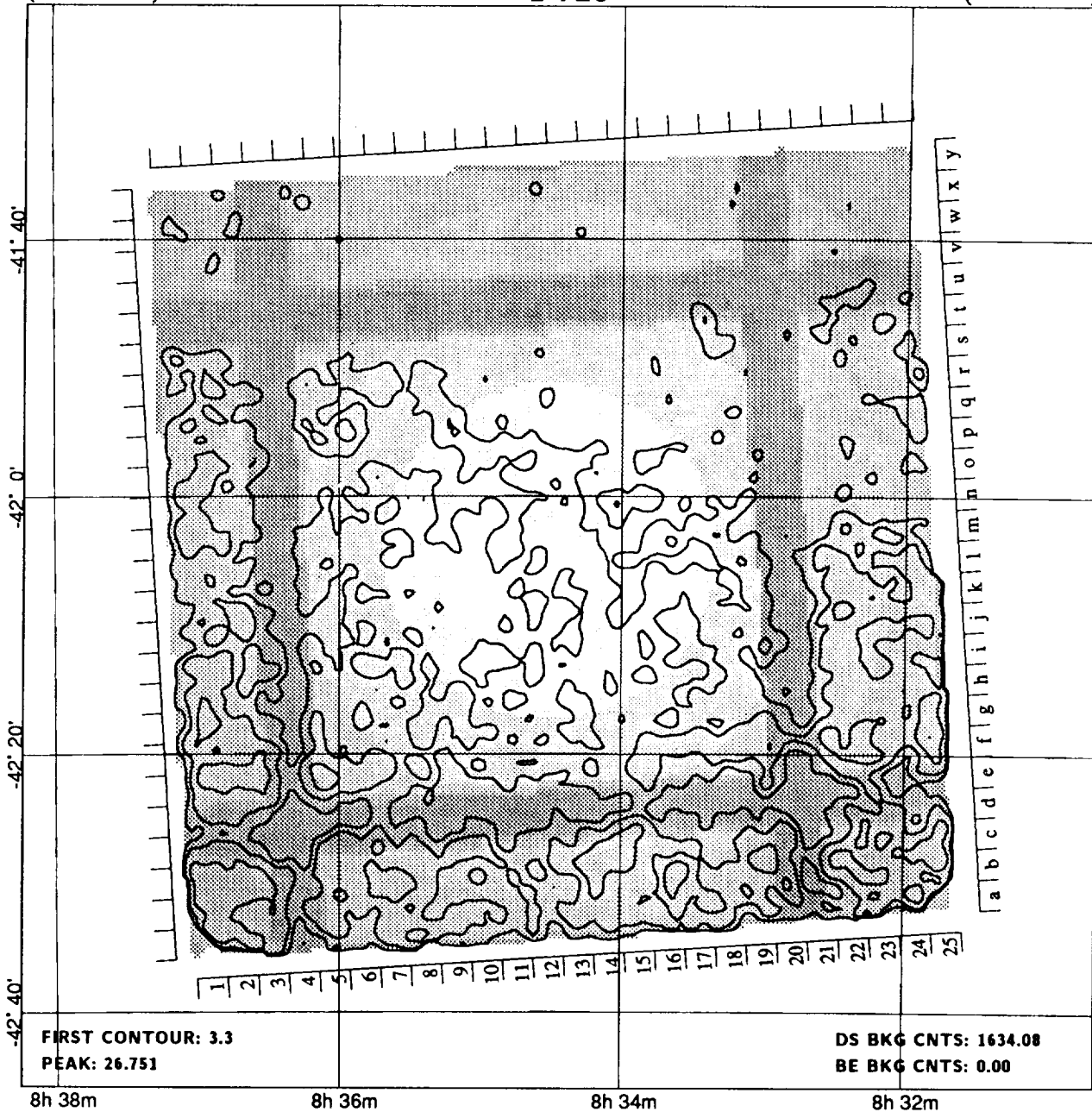
DATE: 1981/ 97 - 1981/ 98
 LIVETIME: 858.6s
 ROLL ANGLE: 76.6°

NH: $7.6E+20$
 REF/ID:
 FIELD FLAGS: CL

(8h 34m)

I 726

(8h 34m)



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 34^m 27.0^s$ $-42^\circ 03' 59''$ (B1950)
 $08^h 36^m 13.6^s$ $-42^\circ 14' 28''$ (J2000)
 $l: 261.30$ $b: -0.90$

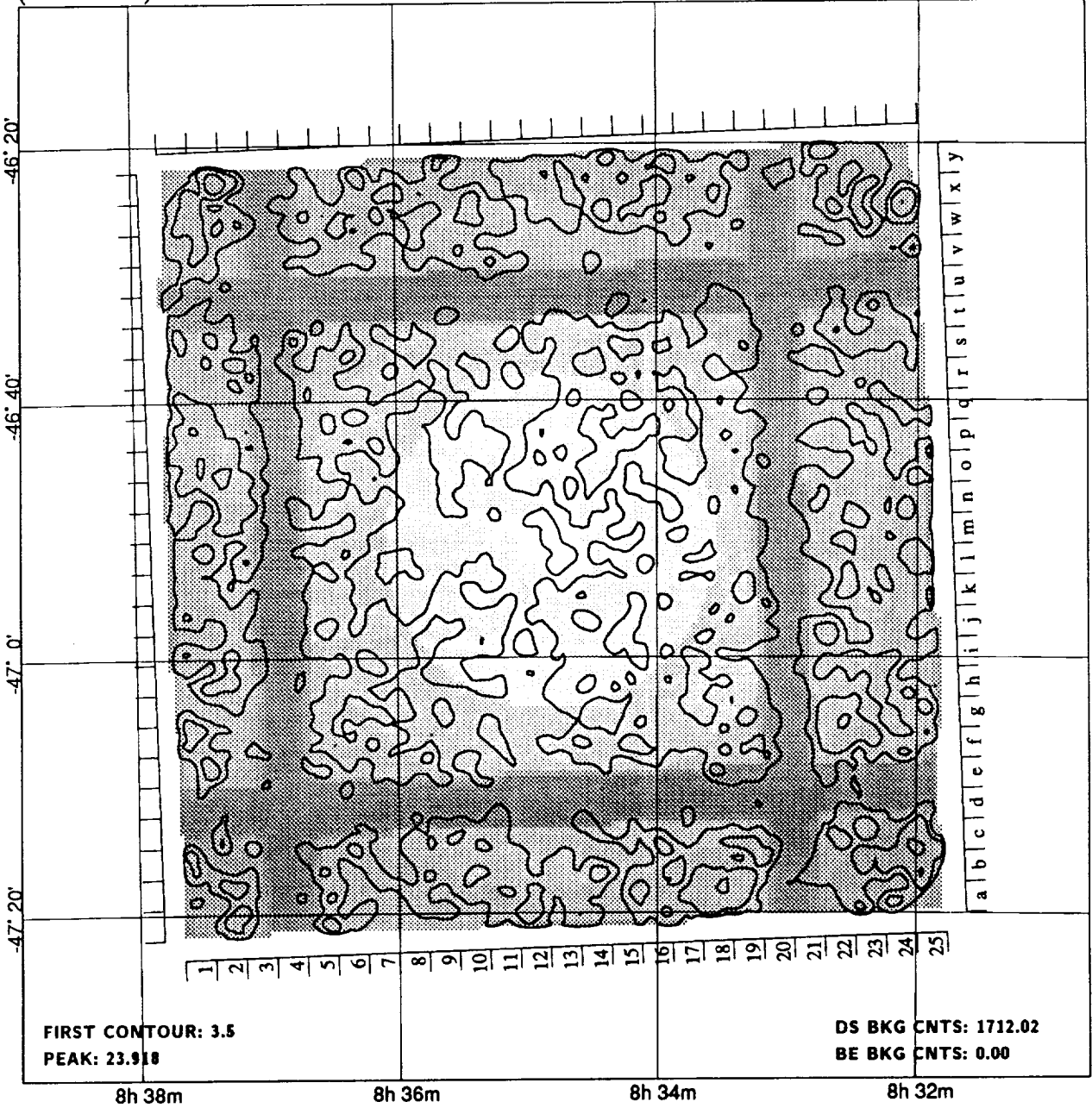
DATE: 1979/299 - 1979/299
 LIVETIME: 1324.1s
 ROLL ANGLE: -93.6°

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

(8h 34m)

I 746

(8h 34m)



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 34^m 47.0^s$ $-46^\circ 50' 59''$ (B1950)
 $08^h 36^m 25.1^s$ $-47^\circ 01' 29''$ (J2000)
 $l: 265.15$ $b: -3.75$

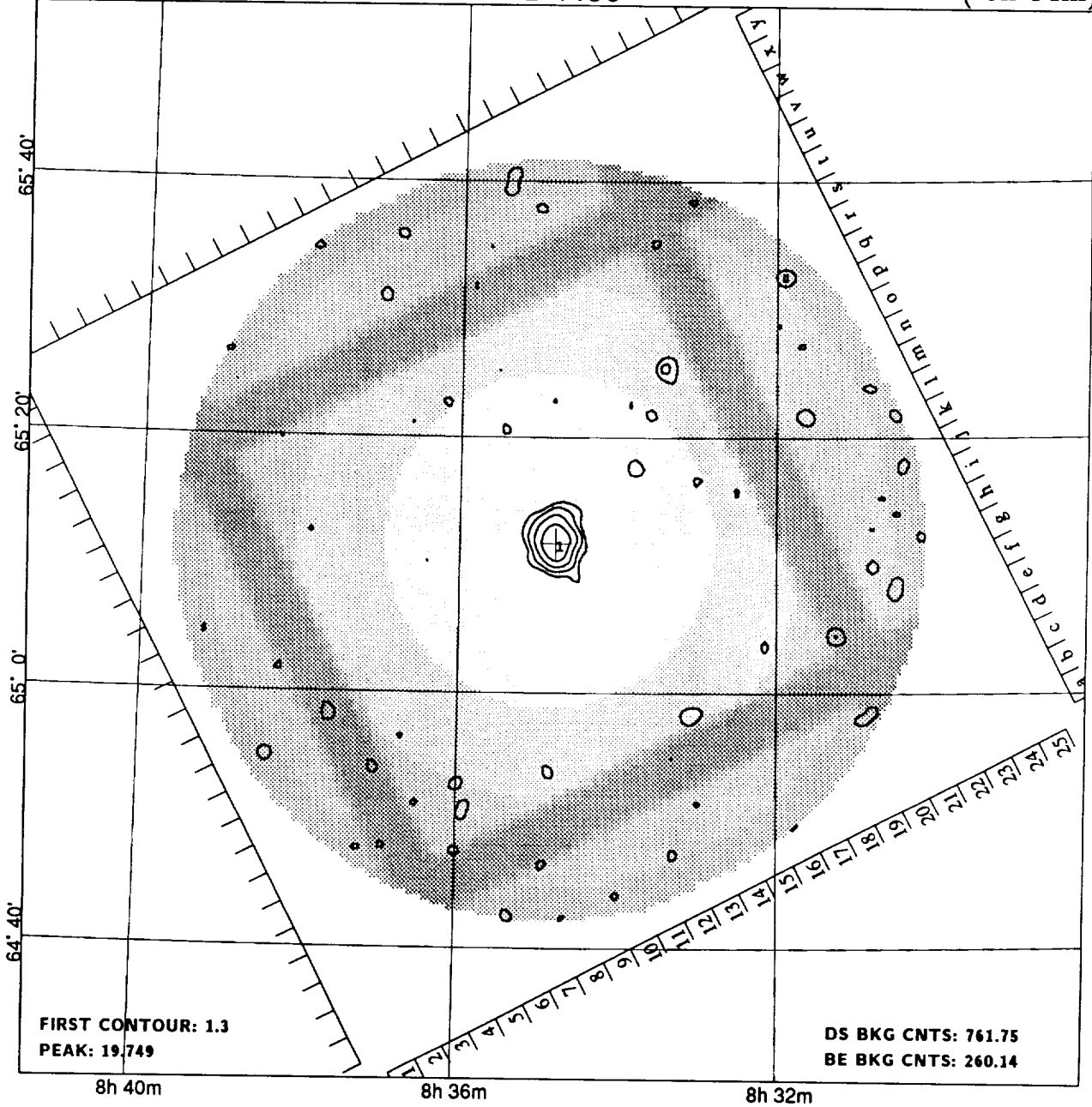
DATE: 1979/298 - 1979/298
 LIVETIME: 1387.3s
 ROLL ANGLE: -91.9°

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

(8h 34m)

I 4456

(8h 34m)



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

FIELD CENTER: $08^h 34^m 47.0^s$ $65^\circ 11' 44''$ (B1950)
 $08^h 39^m 12.2^s$ $65^\circ 01' 10''$ (J2000)
 $l: 150.55$ $b: 35.71$

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

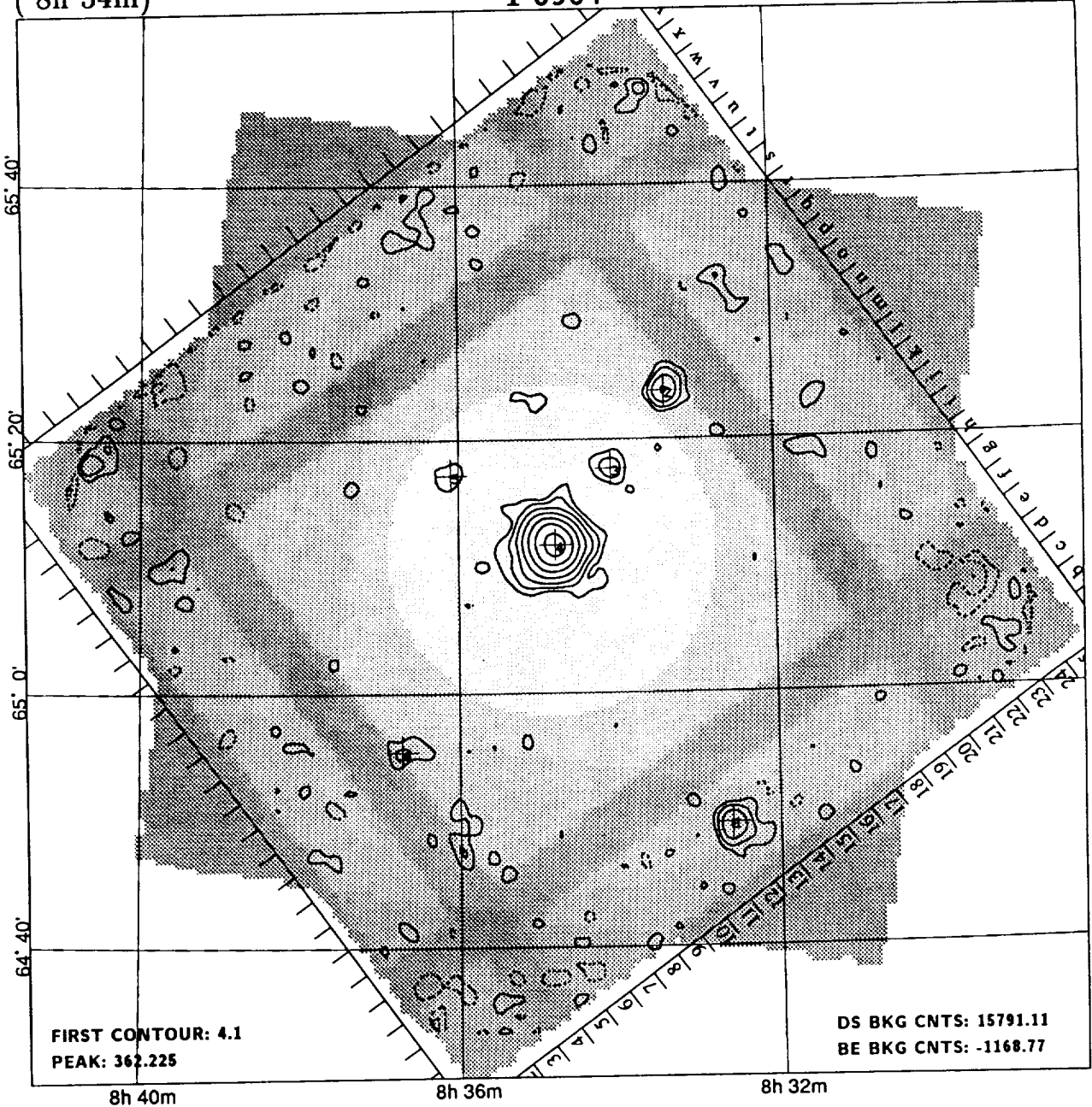
NH: $4.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(8h 34m)

I 6964

(8h 34m)



PI2 UMA, STELLAR X-RAY VARIABILITY STUDIES

FIELD CENTER: $08^h 34^m 47.0^s$ $65^\circ 11' 46''$ (B1950)
 $08^h 39^m 12.2^s$ $65^\circ 01' 12''$ (J2000)
 $l: 150.55$ $b: 35.71$

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

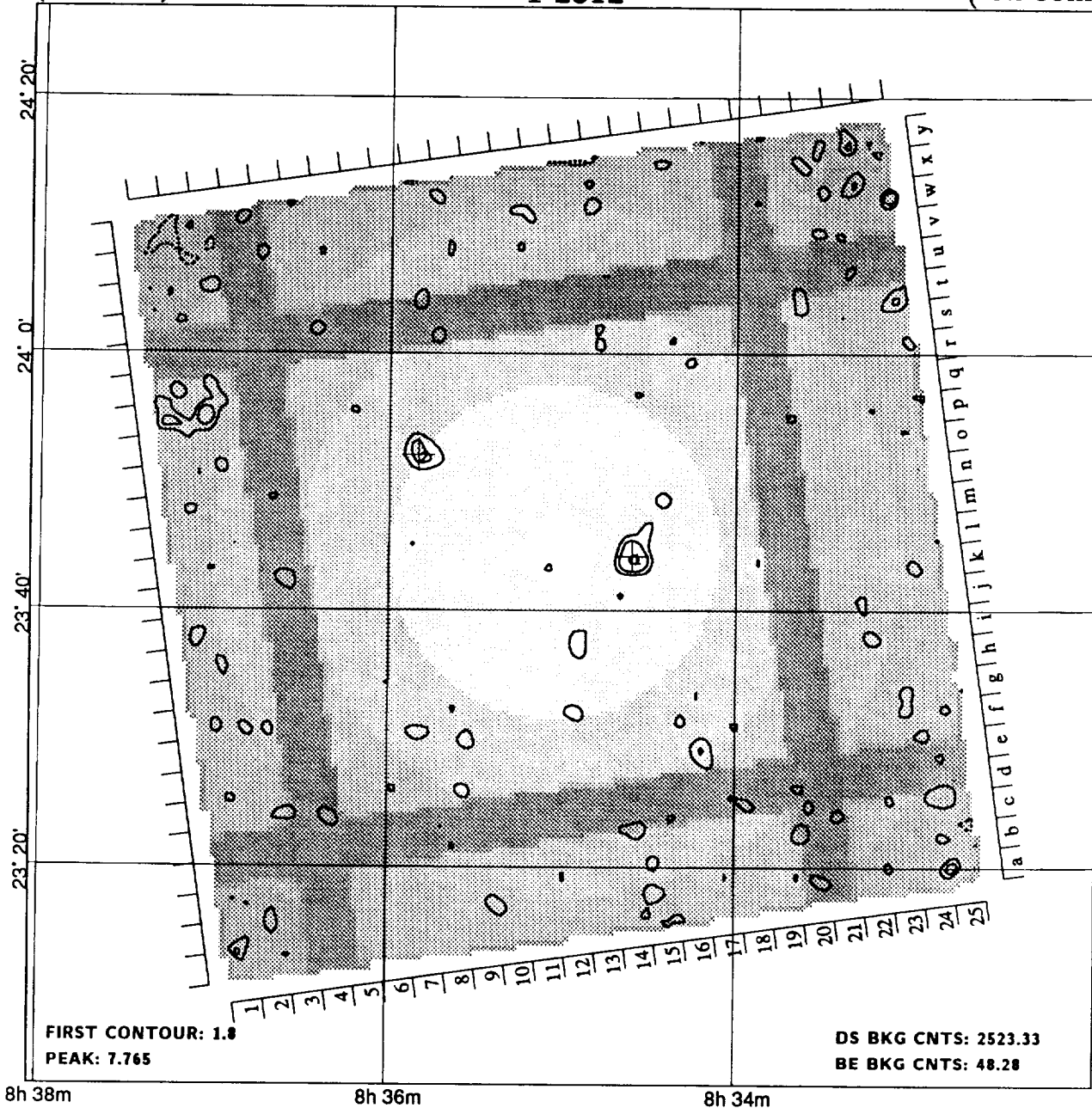
NH: $4.4E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	H	
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	

(8h 35m)

I 2312

(8h 35m)



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°

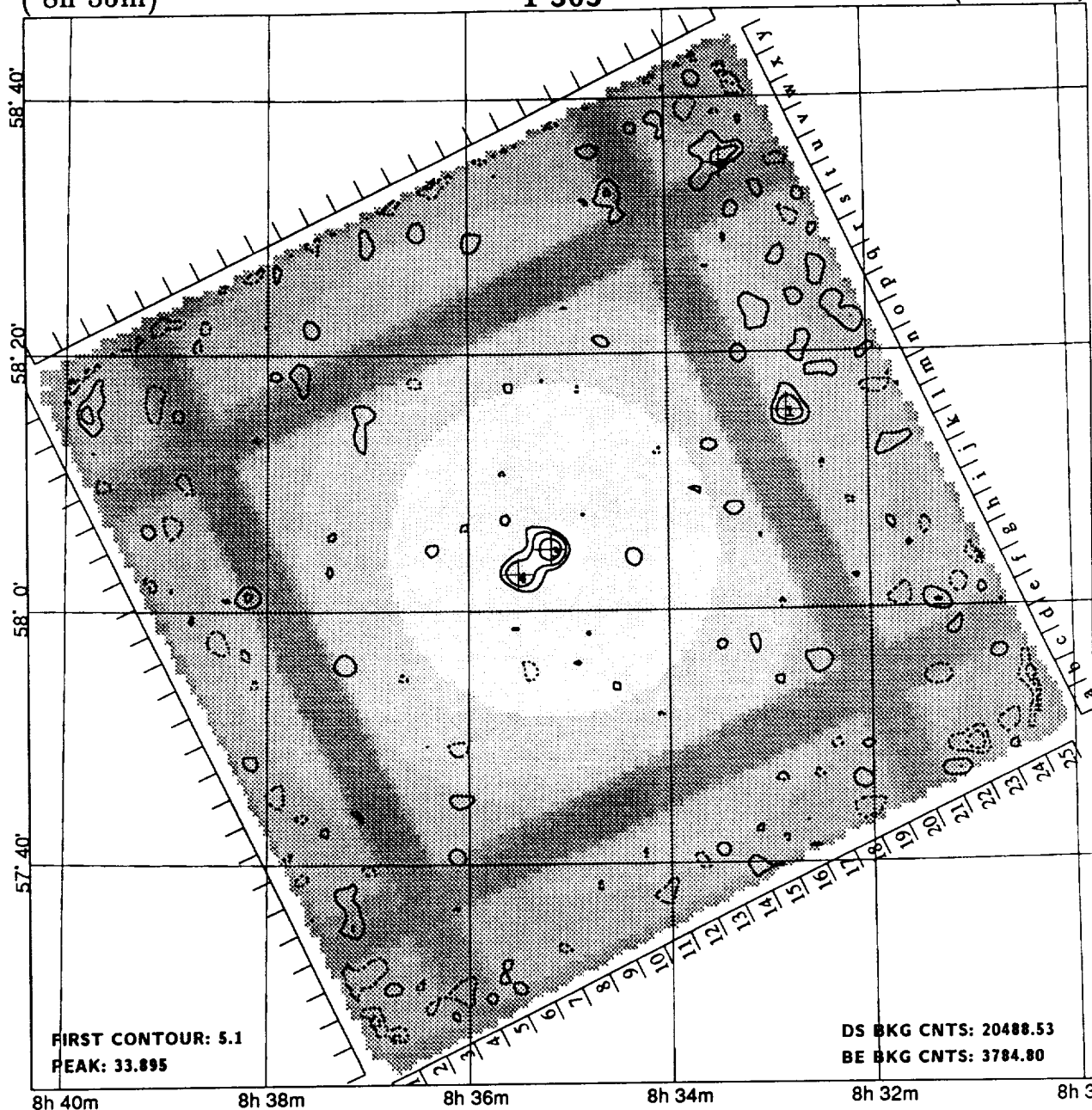
NH: 3.3E+20
 REF/ID:
 FIELD FLAGS:

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	

(8h 35m)

I 503

(8h 35m)



3CR 205 (QSO 0835+580) QUASAR SURVEY

FIELD CENTER: $08^h 35^m 04.9^s$ $58^\circ 04' 51''$ (B1950)
 $08^h 39^m 01.4^s$ $57^\circ 54' 17''$ (J2000)
 $l: 159.26$ $b: 36.89$

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

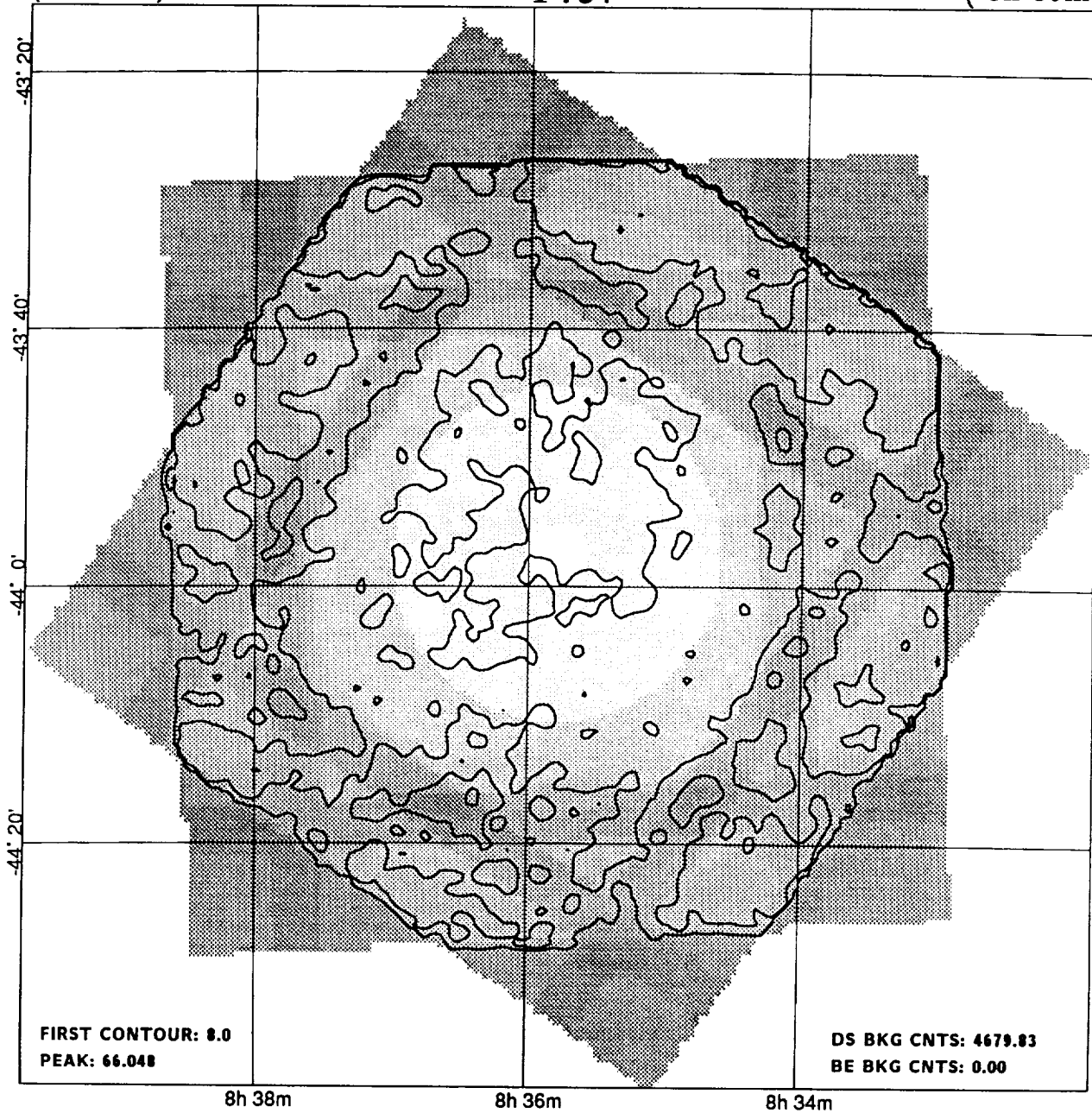
NH: $4.7E+20$
 REF/ID:
 FIELD FLAGS:

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	

(8h 35m)

I 734

(8h 35m)



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 35^m 47.0^s$ $-43^{\circ} 56' 59''$ (B1950)
 $08^h 37^m 30.6^s$ $-44^{\circ} 07' 32''$ (J2000)
 $l: 262.94$ $b: -1.85$

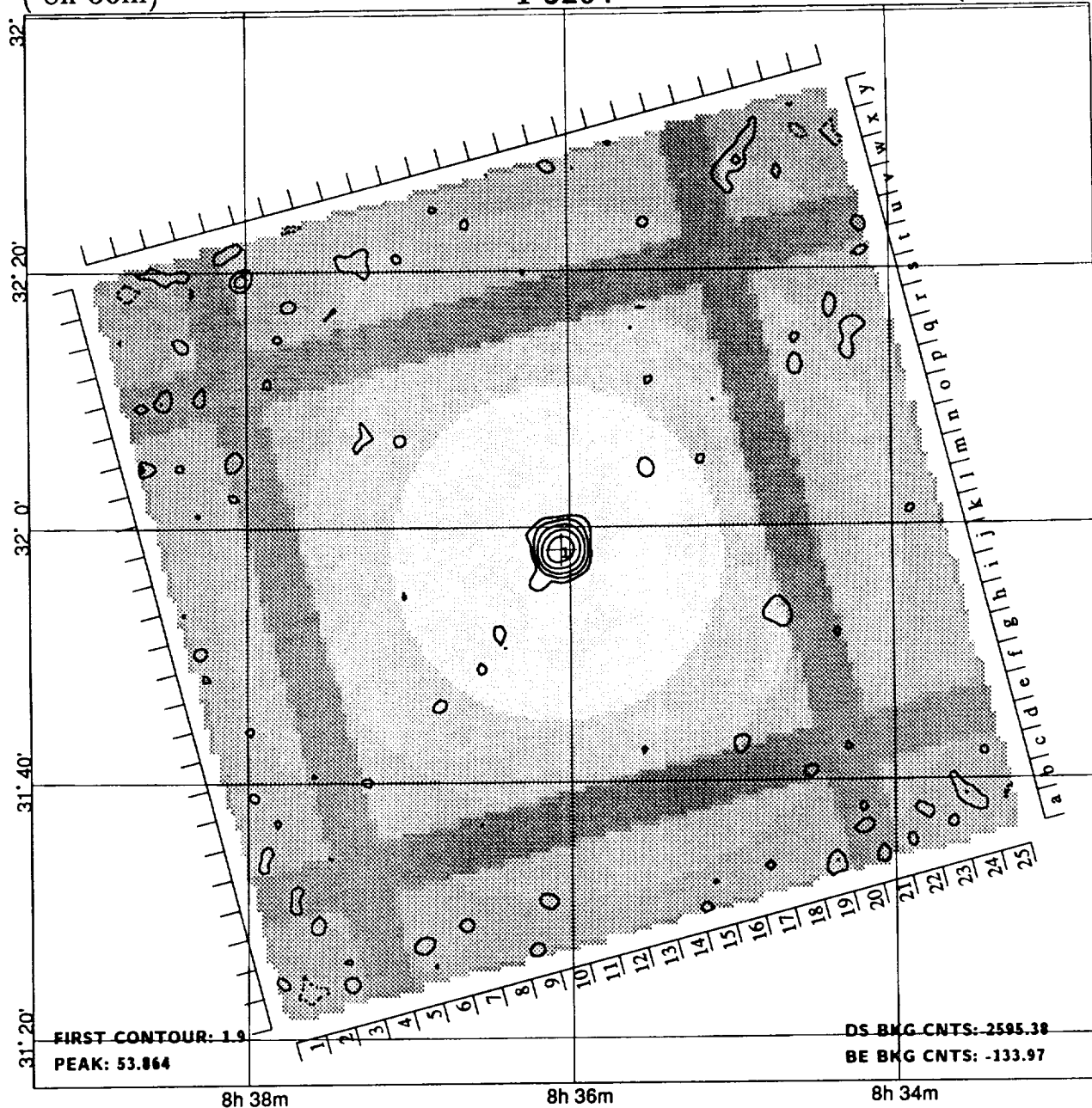
DATE: 1978/358 - 1979/299
LIVETIME: 3792.2s

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

(8h 36m)

I 3204

(8h 36m)



RS CVN SYSTEMS: RZ CNC

FIELD CENTER: $08^{\text{h}}36^{\text{m}}02.5^{\text{s}}$ $31^{\circ}58'26''$ (B1950)
 $08^{\text{h}}39^{\text{m}}08.3^{\text{s}}$ $31^{\circ}47'50''$ (J2000)
 $l: 191.76$ $b: 35.65$

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

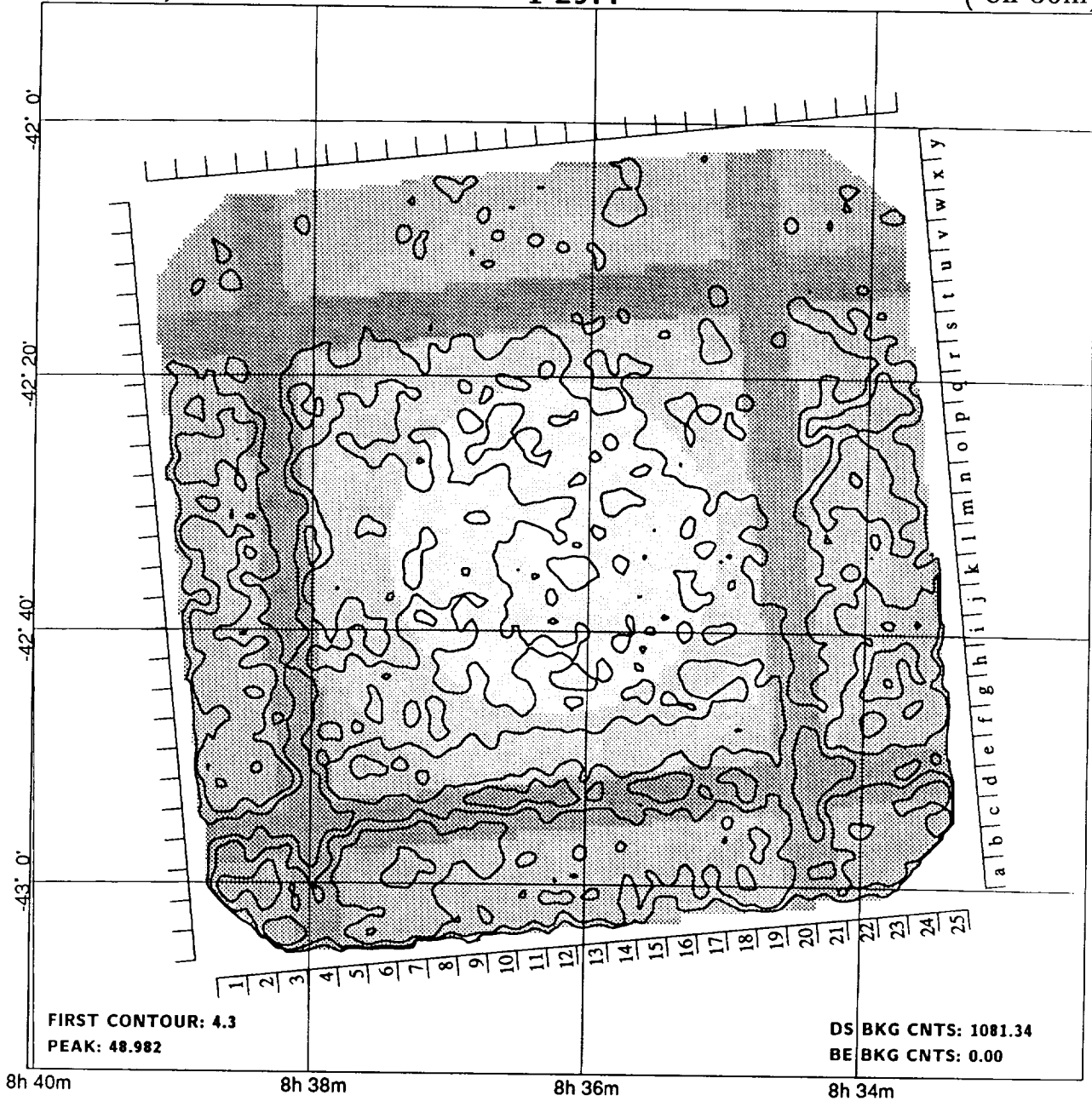
NH: $4.0\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(8h 36m)

I 2977

(8h 36m)



MX AND ARIEL SOURCES: MX0836-42

FIELD CENTER: $08^h 36^m 12.0^s$ $-42^\circ 32' 59''$ (B1950)
 $08^h 37^m 58.1^s$ $-42^\circ 43' 34''$ (J2000)
 $l: 261.88$ $b: -0.93$

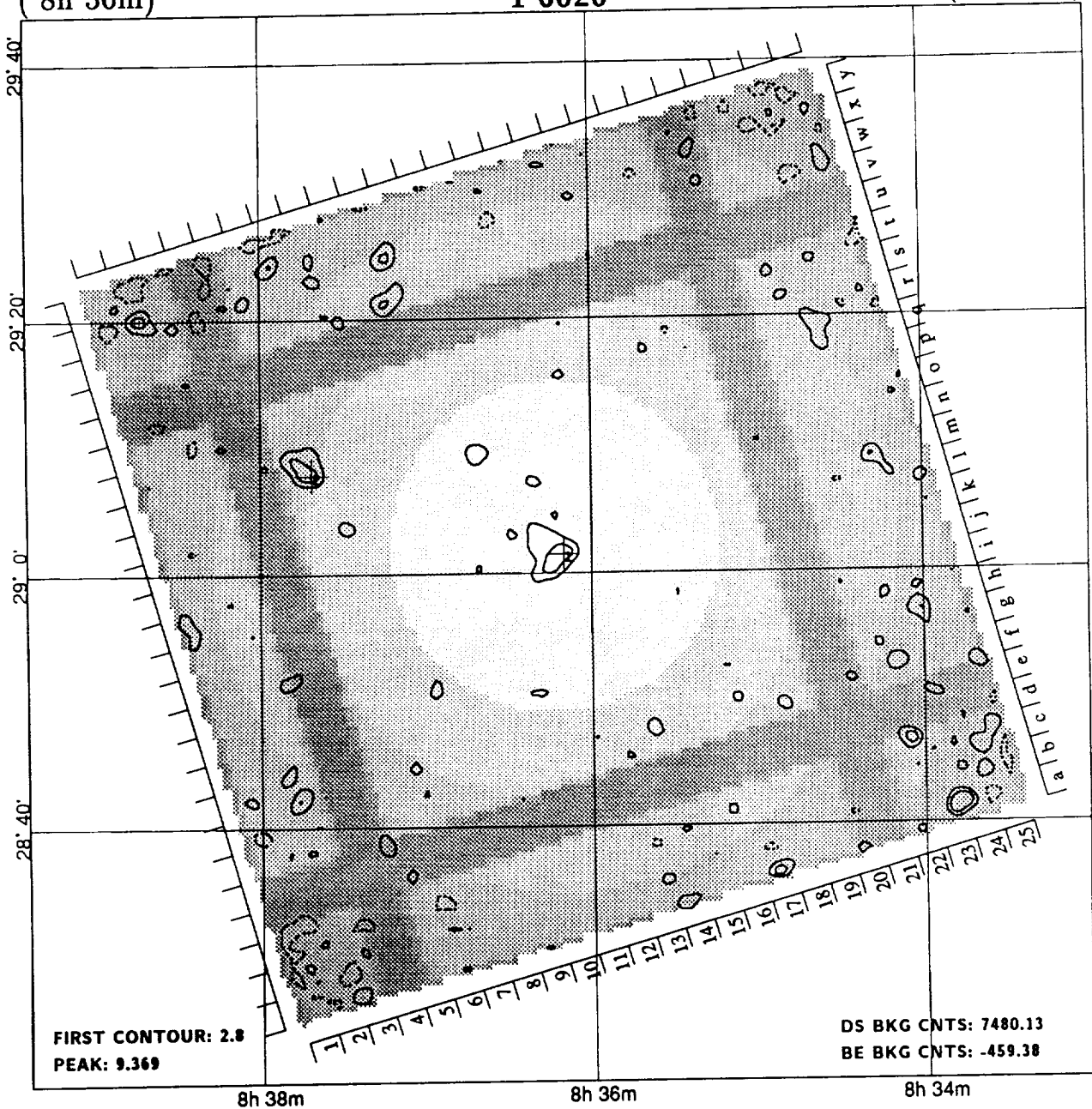
DATE: 1979/302 - 1979/302
 LIVETIME: 876.2s
 ROLL ANGLE: -95.8°

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

(8h 36m)

I 6020

(8h 36m)



A690,RICH CLUSTERS WITH DOMINANT GALAXIES

FIELD CENTER: $08^h 36^m 12.0^s$ $29^{\circ} 01' 59''$ (B1950)
 $08^h 39^m 14.2^s$ $28^{\circ} 51' 23''$ (J2000)
 $l: 195.27$ $b: 34.98$

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

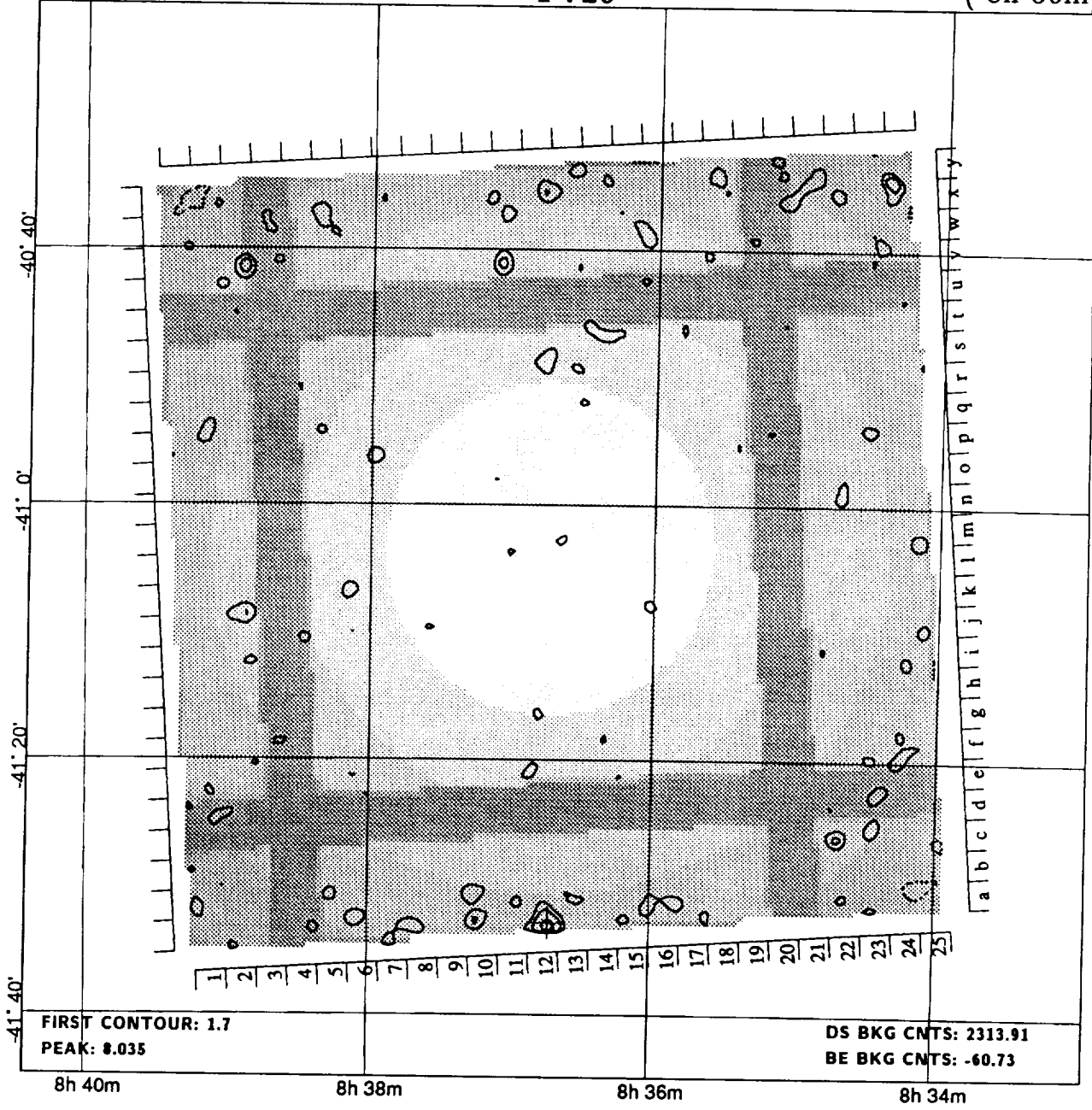
NH: $4.1E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
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	

(8h 36m)

I 720

(8h 36m)



8h 40m

8h 38m

8h 36m

8h 34m

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°

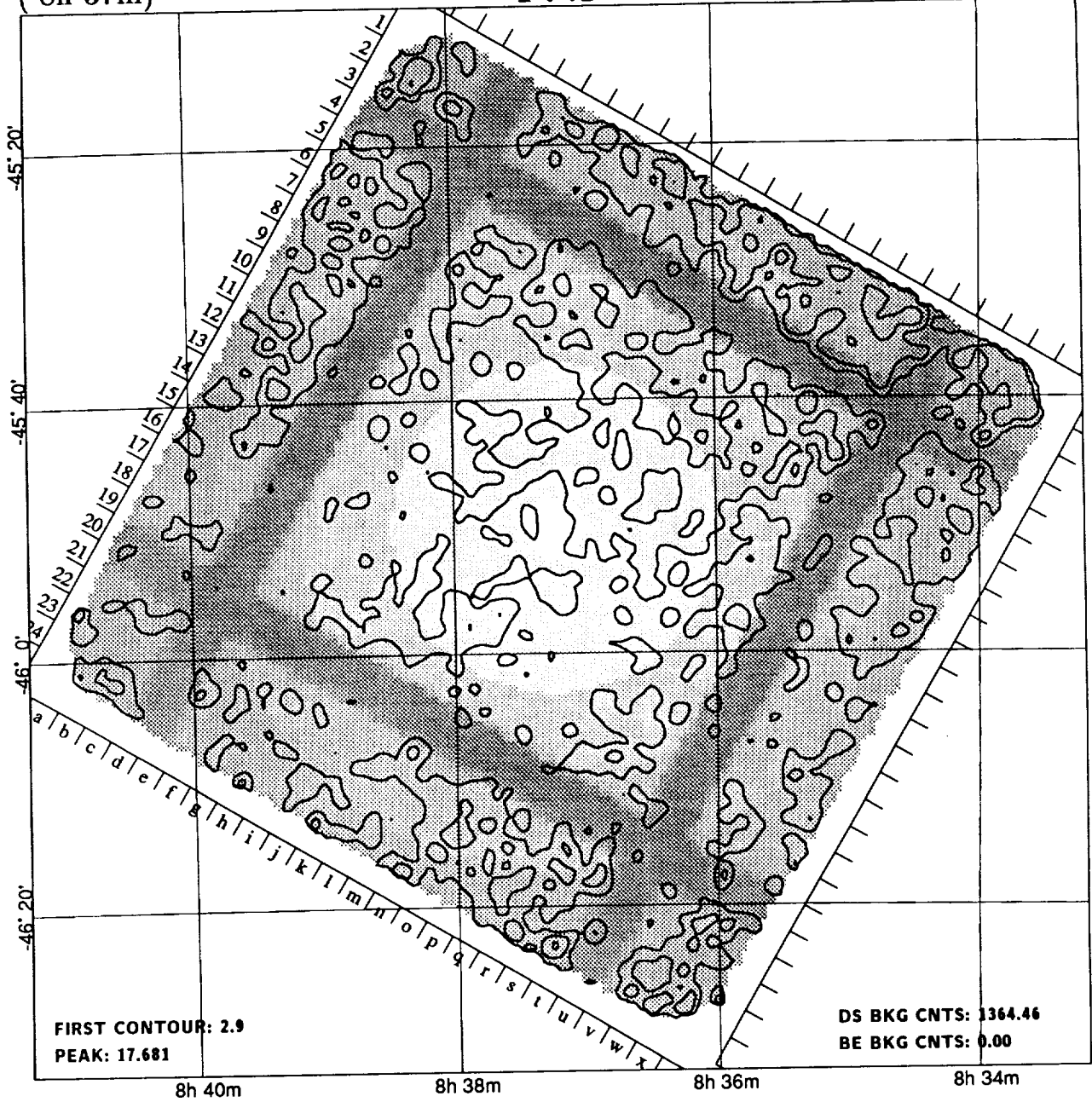
NH: 7.7E+21
 REF/ID: SNR
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(8h 37m)

I 741

(8h 37m)



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 37^m 13.0^s$ $-45^\circ 50' 59''$ (B1950)
 $08^h 38^m 53.4^s$ $-46^\circ 01' 37''$ (J2000)
 $l: 264.61$ $b: -2.80$

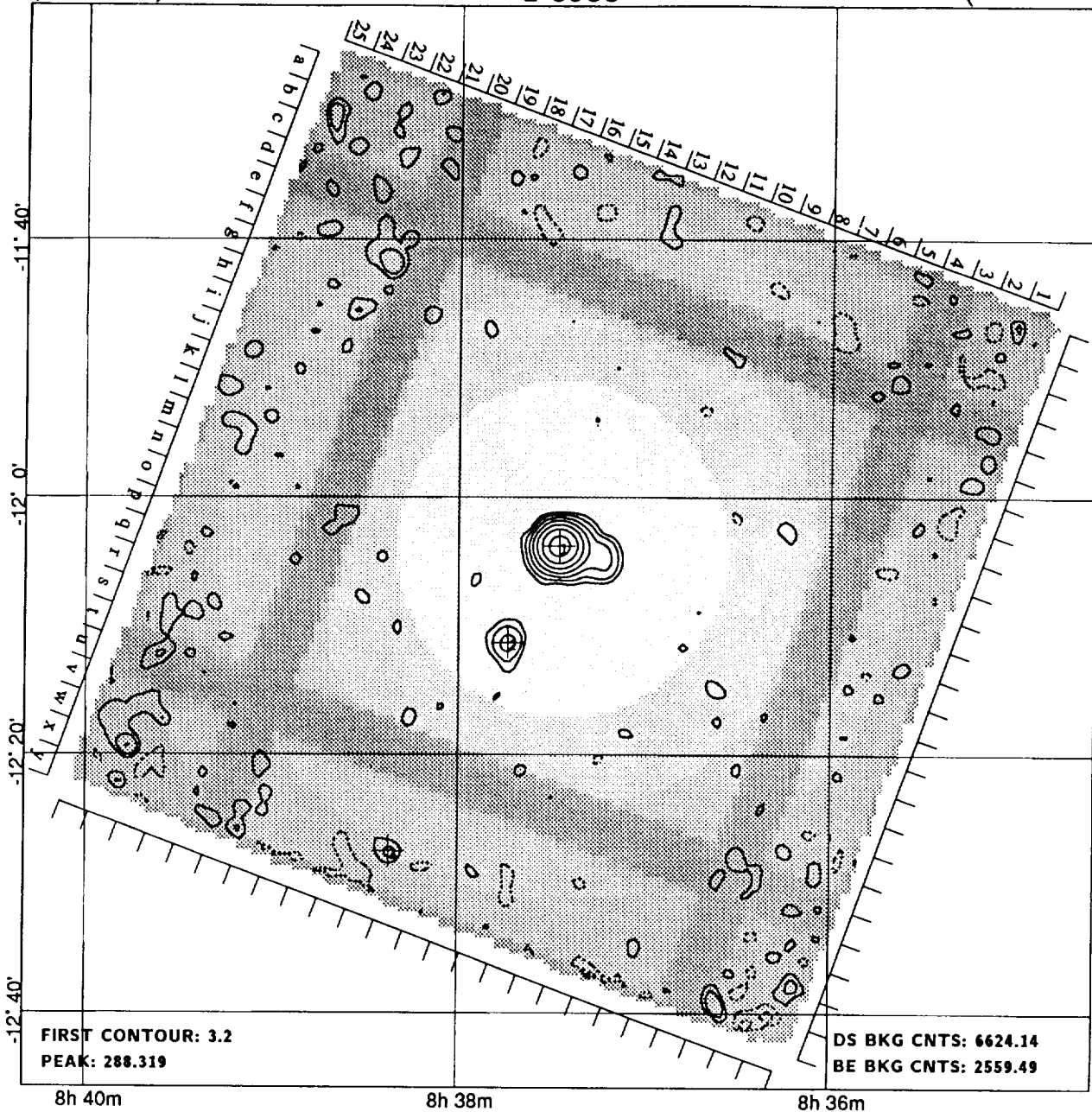
DATE: 1979/172 - 1979/172
 LIVETIME: 1105.7s
 ROLL ANGLE: 30.3°

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

(8h 37m)

I 8933

(8h 37m)



3C 206

FIELD CENTER: $08^h 37^m 27.9^s$ $-12^\circ 03' 53''$ (B1950)
 $08^h 39^m 50.5^s$ $-12^\circ 14' 33''$ (J2000)
 $l: 237.17$ $b: 17.43$

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

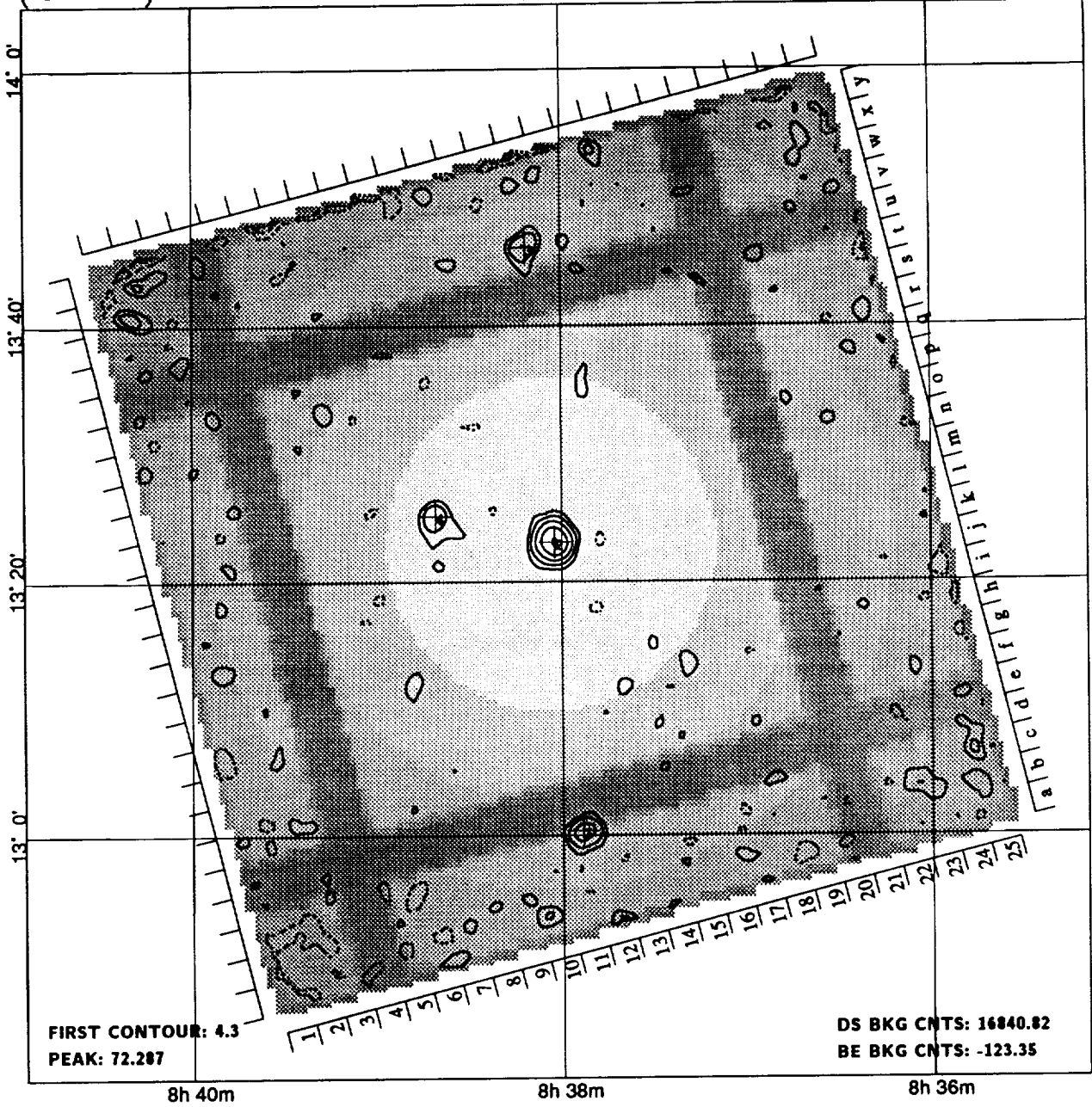
NH: $5.9E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $08^h 38^m 01.7^s$ $13^\circ 23' 04''$ (B1950)
 $08^h 40^m 47.5^s$ $13^\circ 12' 22''$ (J2000)
 $l: 212.97$ $b: 30.14$

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

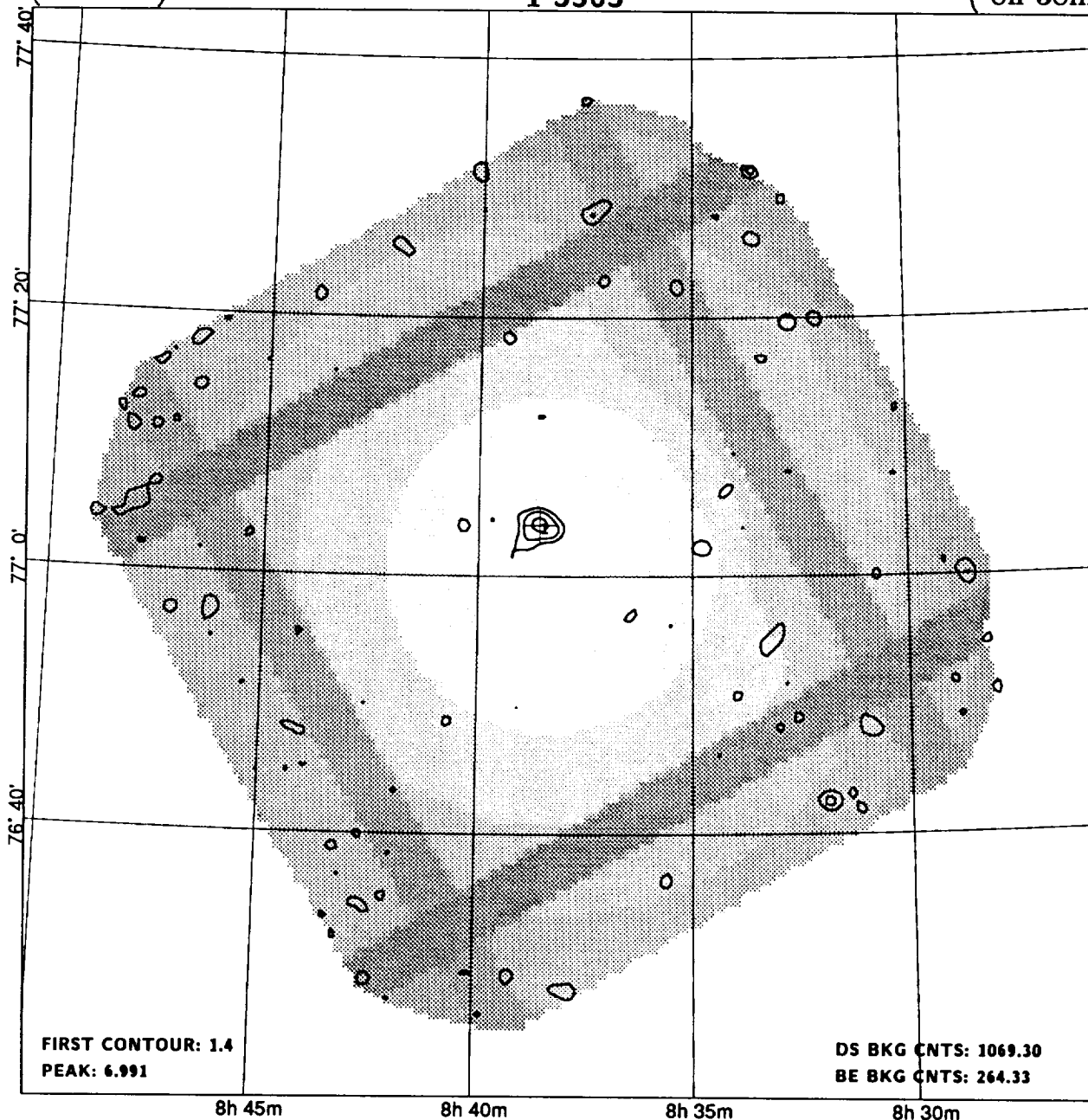
NH: $4.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(8h 38m)

I 5363

(8h 38m)



SURVEY OF BRIGHT QUASARS (PG)

FIELD CENTER: $08^h 38^m 04.1^s$ $77^\circ 01' 42''$ (B1950)
 $08^h 44^m 17.4^s$ $76^\circ 50' 54''$ (J2000)
 $l: 136.71$ $b: 32.67$

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

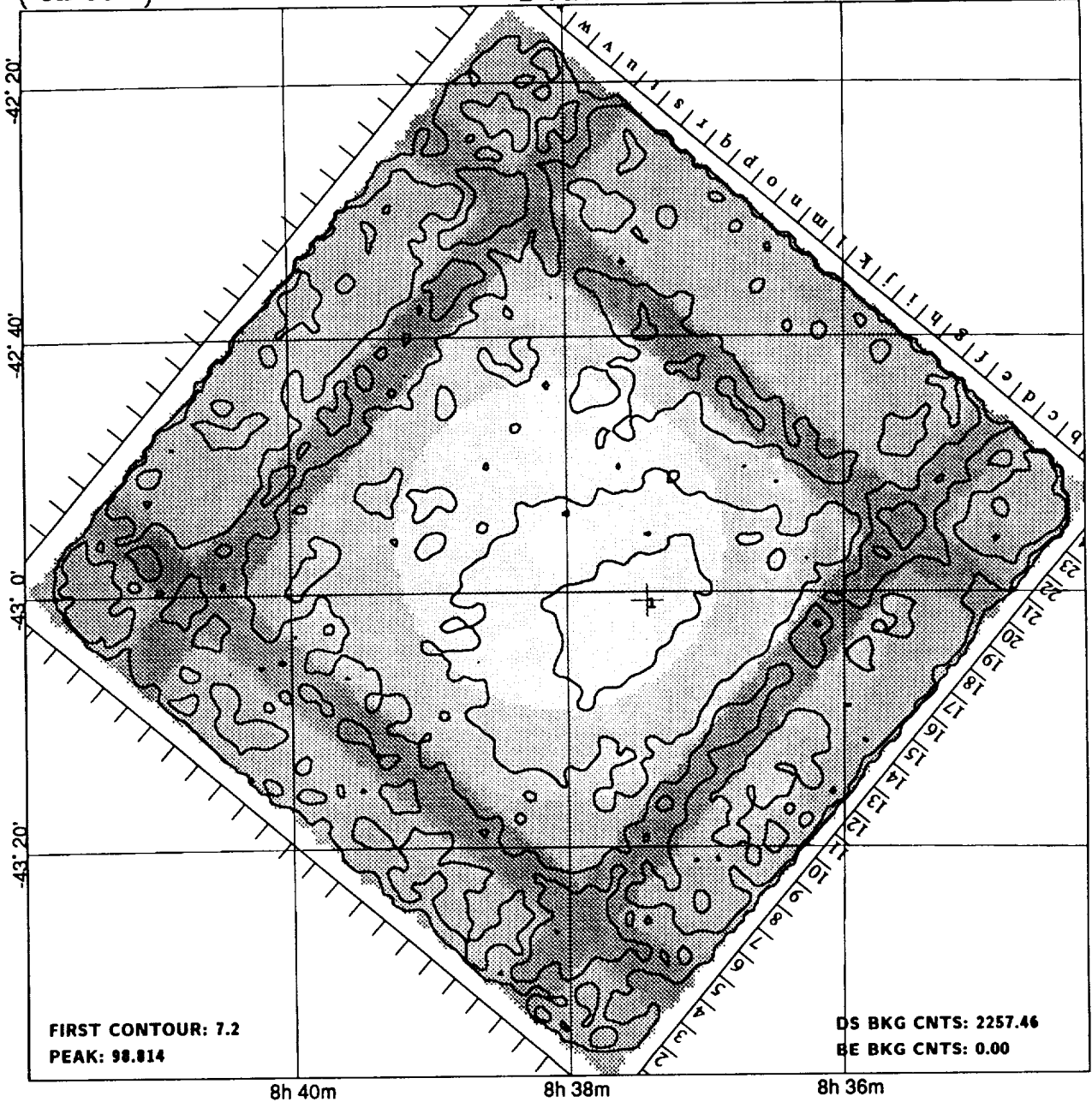
NH: $1.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(8h 38m)

I 727

(8h 38m)



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 38^m 05.0^s$ $-42^\circ 55' 59''$ (B1950)
 $08^h 39^m 50.8^s$ $-43^\circ 06' 40''$ (J2000)
 $l: 262.39$ $b: -0.90$

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

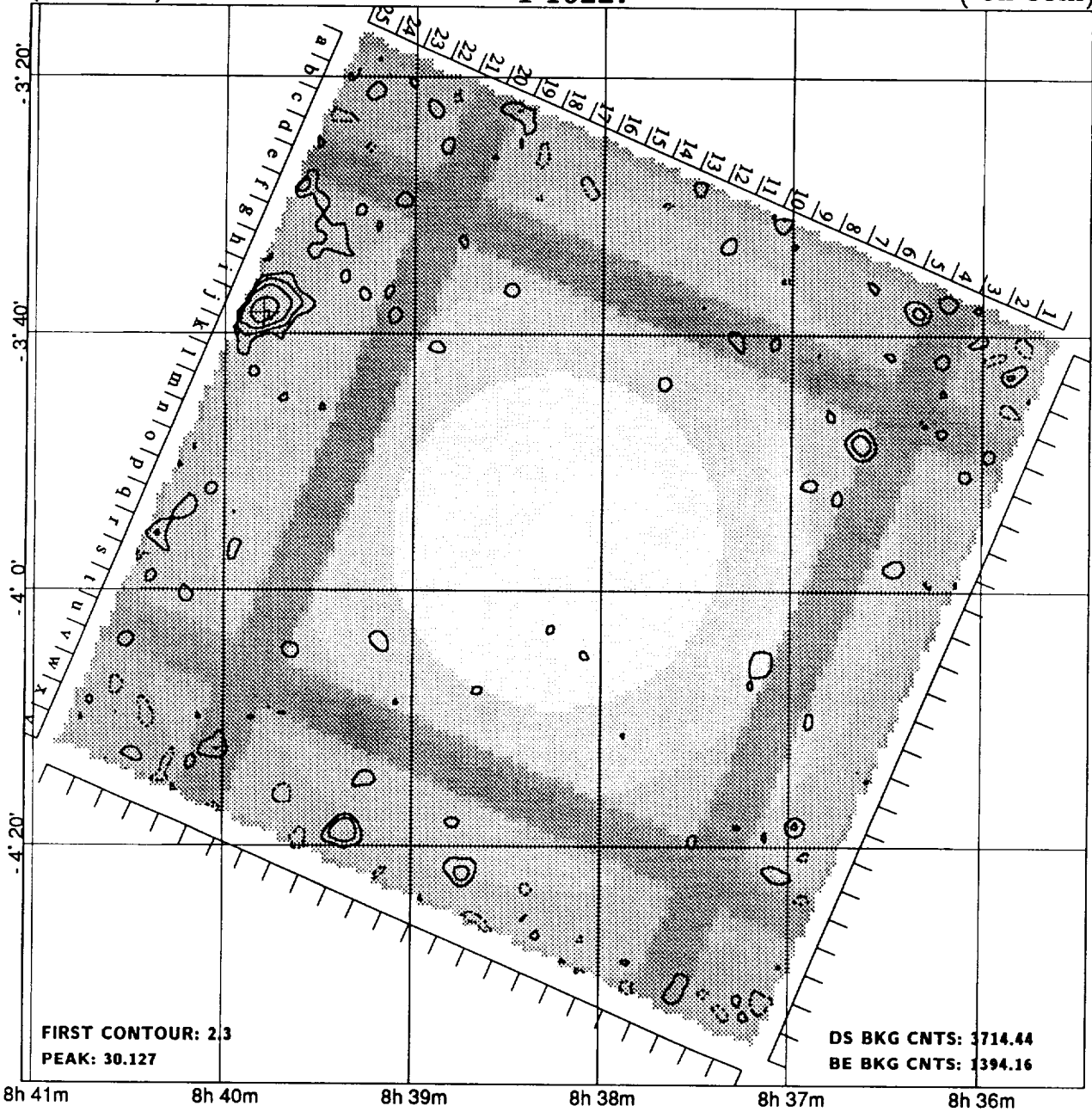
NH: $6.7E+21$
REF/ID: SNR
FIELD FLAGS: LT

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
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		

(8h 38m)

I 10227

(8h 38m)



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°

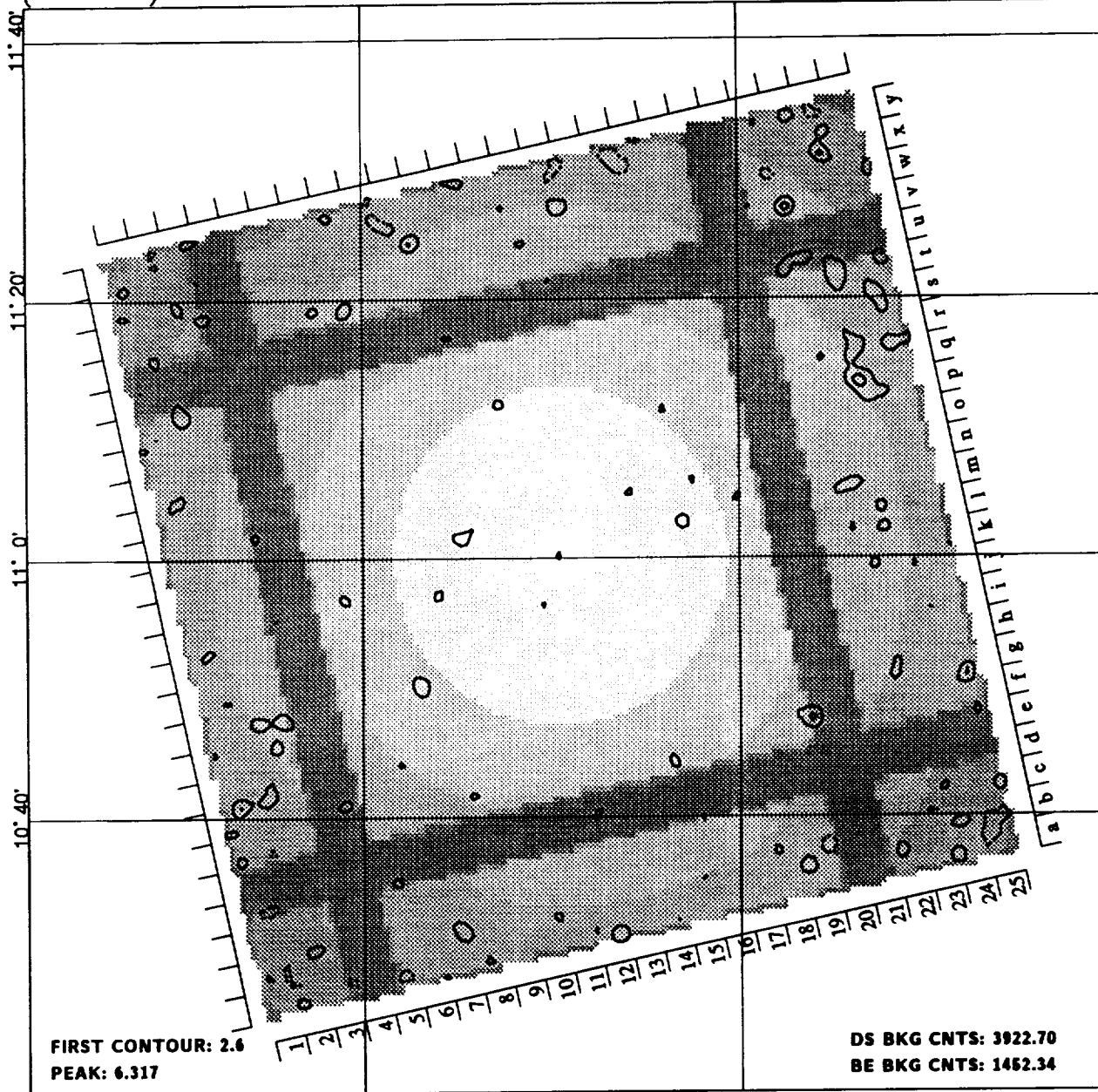
NH: 3.2E+20
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	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		

(8h 38m)

I 8703

(8h 38m)



FIRST CONTOUR: 2.6
PEAK: 6.317

DS BKG CNTS: 3922.70
BE BKG CNTS: 1452.34

8h 40m

8h 38m

TARGET 2: REGIONS OF INTENSE STAR FORMATION

FIELD CENTER: $08^h 38^m 55.0^s$ $11^\circ 00' 43''$ (B1950)
 $08^h 41^m 38.6^s$ $10^\circ 49' 58''$ (J2000)
 $l: 215.55$ $b: 29.34$

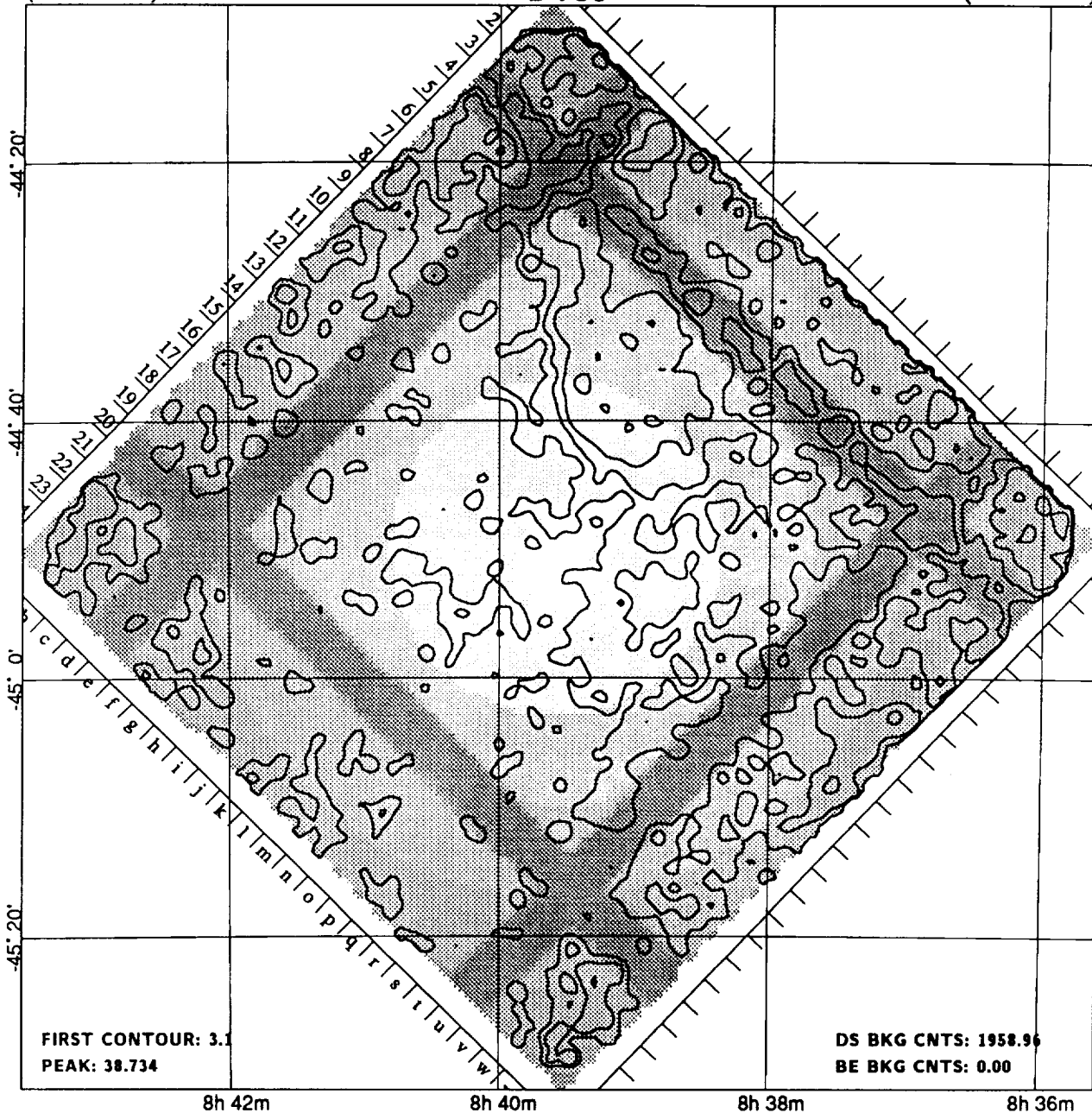
DATE: 1980/285 - 1980/285
LIVETIME: 3178.7s
ROLL ANGLE: -102.2°

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

(8h 39m)

I 735

(8h 39m)



FIRST CONTOUR: 3.1
 PEAK: 38.734

DS BKG CNTS: 1958.96
 BE BKG CNTS: 0.00

VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 39^m 34.0^s$ $-44^\circ 49' 59''$ (B1950)
 $08^h 41^m 16.7^s$ $-45^\circ 00' 45''$ (J2000)
 $l: 264.06$ $b: -1.85$

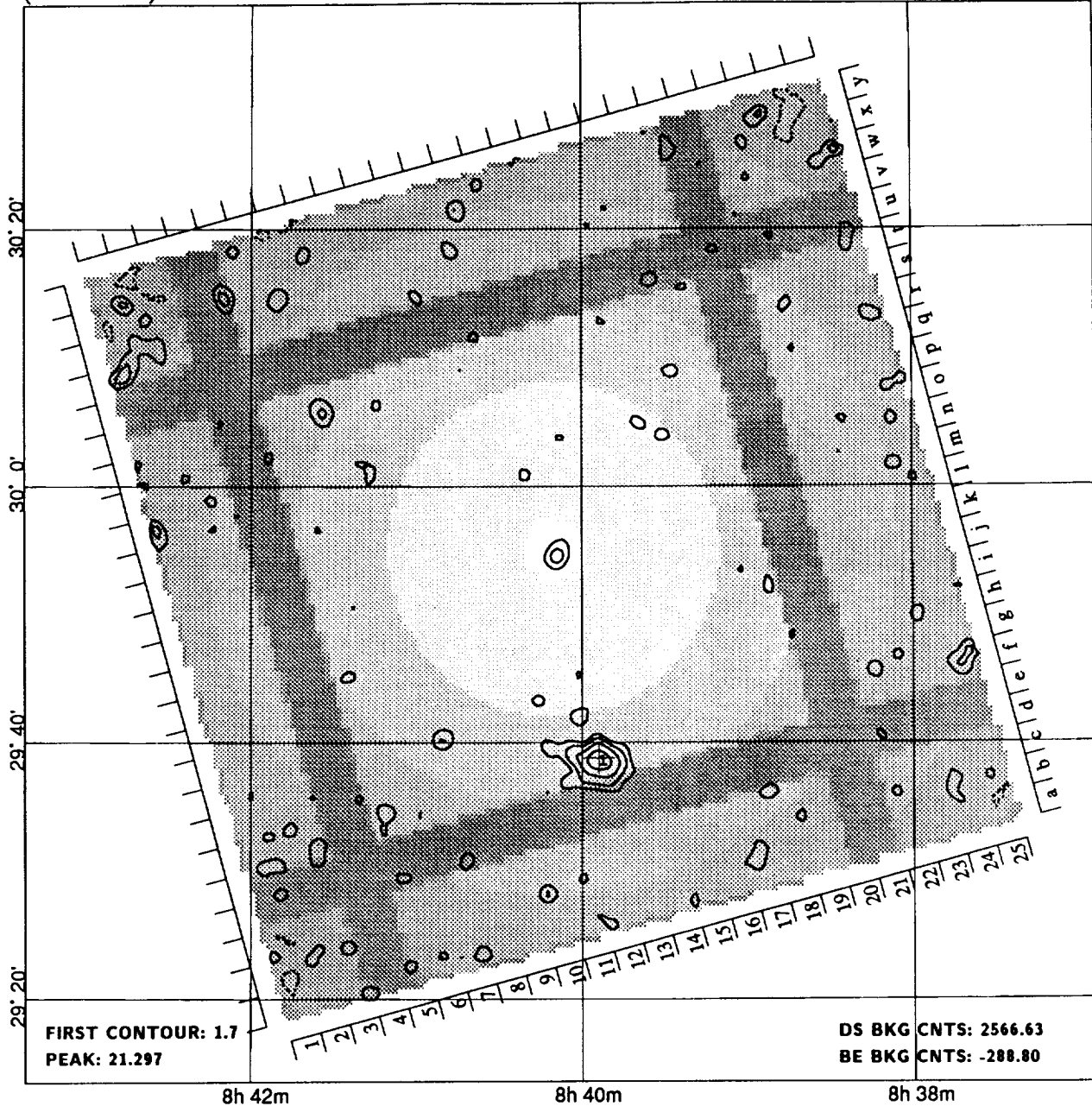
DATE: 1978/357 - 1980/165
 LIVETIME: 1587.4s
 ROLL ANGLE: 44.0°

NH: $5.1E+21$
 REF/ID: SNR
 FIELD FLAGS: LS

(8h 40m)

I 3033

(8h 40m)



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°

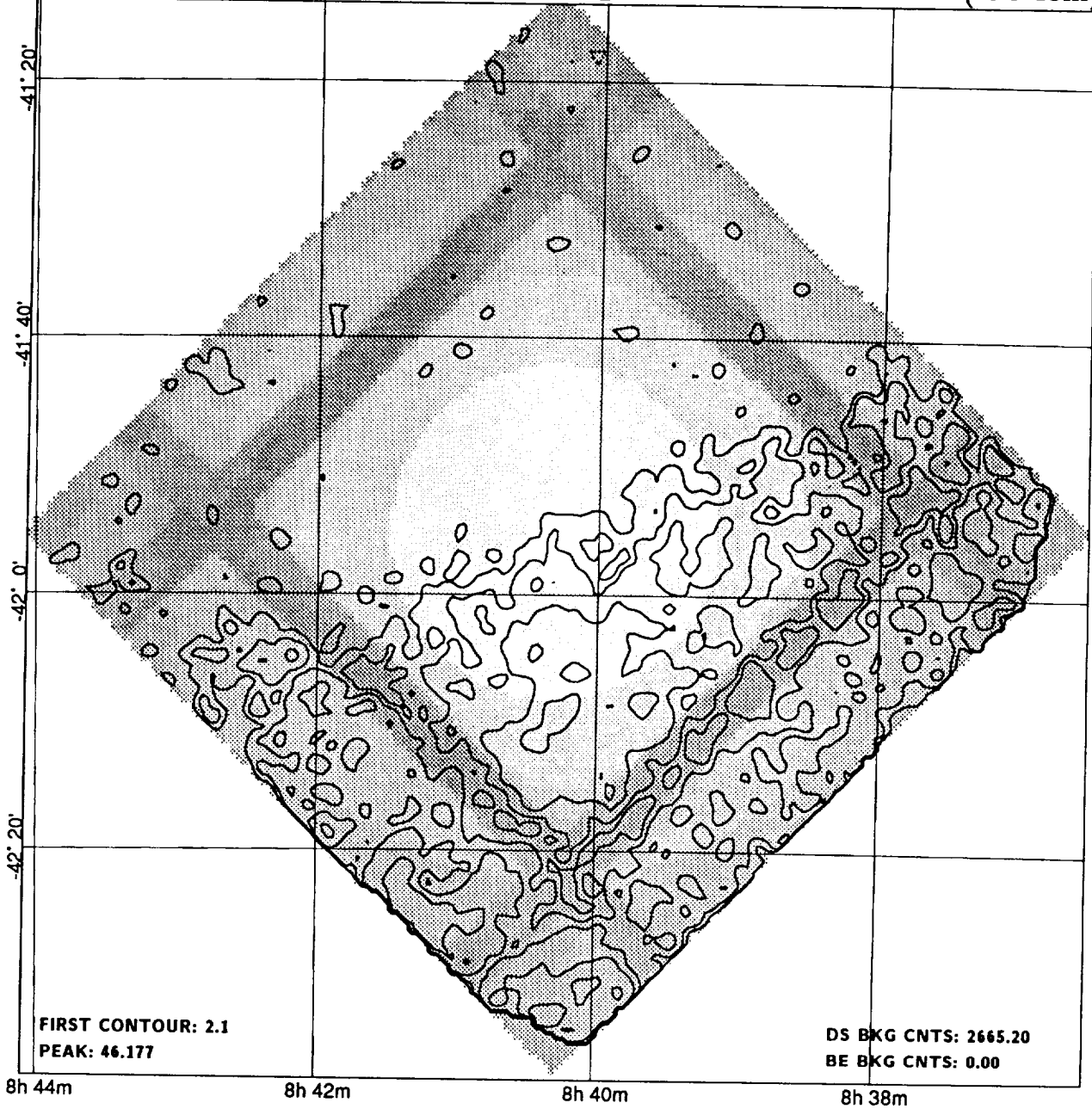
NH: 4.2E+20
 REF/ID:
 FIELD FLAGS:

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	

(8h 40m)

I 721

(8h 40m)



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 40^m 18.0^s$ $-41^\circ 55' 59''$ (B1950)
 $08^h 42^m 05.8^s$ $-42^\circ 06' 48''$ (J2000)
 $l: 261.86$ $b: 0.04$

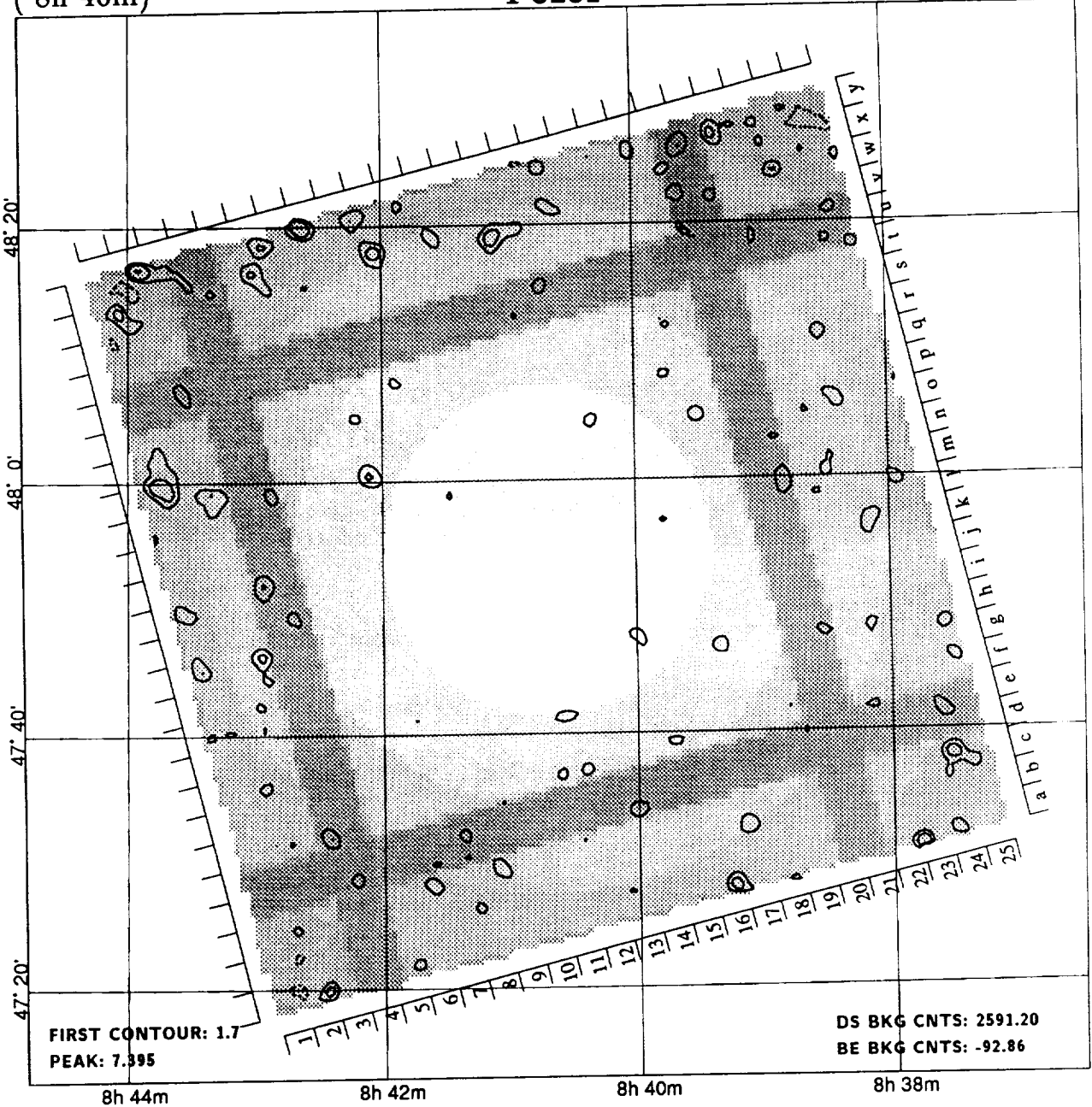
DATE: 1979/172 - 1980/164
 LIVETIME: 2159.7s

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

(8h 40m)

I 5281

(8h 40m)



FIRST CONTOUR: 1.7
 PEAK: 7.395

DS BKG CNTS: 2591.20
 BE BKG CNTS: -92.86

8h 44m 8h 42m 8h 40m 8h 38m

Empty field in UMa (mispointed)

FIELD CENTER: $08^h 40^m 39.0^s$ $47^\circ 54' 59''$ (B1950)
 $08^h 44^m 08.7^s$ $47^\circ 44' 07''$ (J2000)
 $l: 172.02$ $b: 38.32$

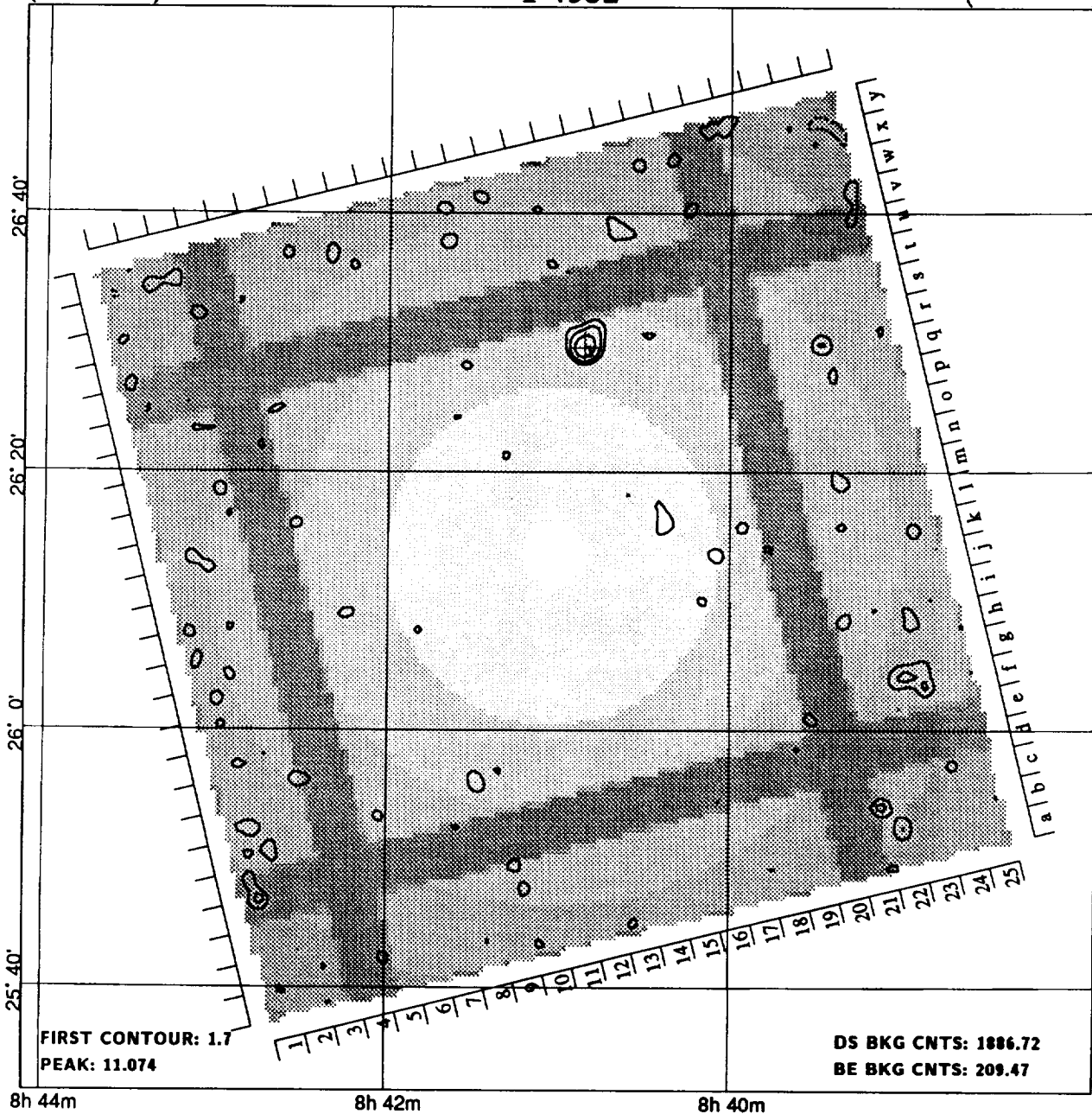
DATE: 1979/302 - 1979/302
 LIVETIME: 2099.7s
 ROLL ANGLE: -104.1°

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

(8h 41m)

I 4932

(8h 41m)



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°

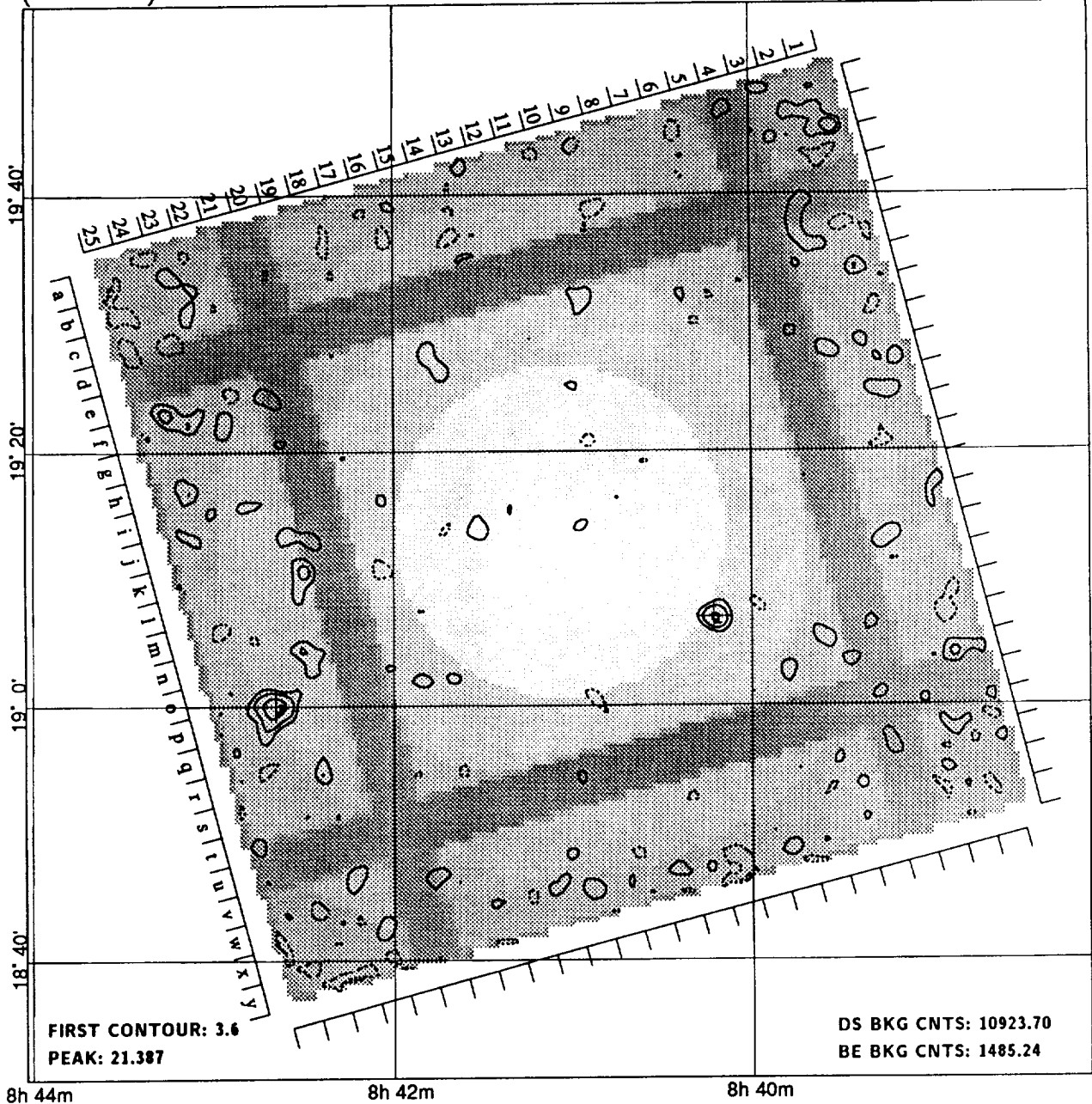
NH: 3.7E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)



8h 44m

8h 42m

8h 40m

S CNC, ALGOL-LIKE SYSTEM

FIELD CENTER: $08^h 41^m 04.8^s$ $19^\circ 12' 57''$ (B1950)
 $08^h 43^m 56.1^s$ $19^\circ 02' 05''$ (J2000)
 $l: 206.97$ $b: 33.05$

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

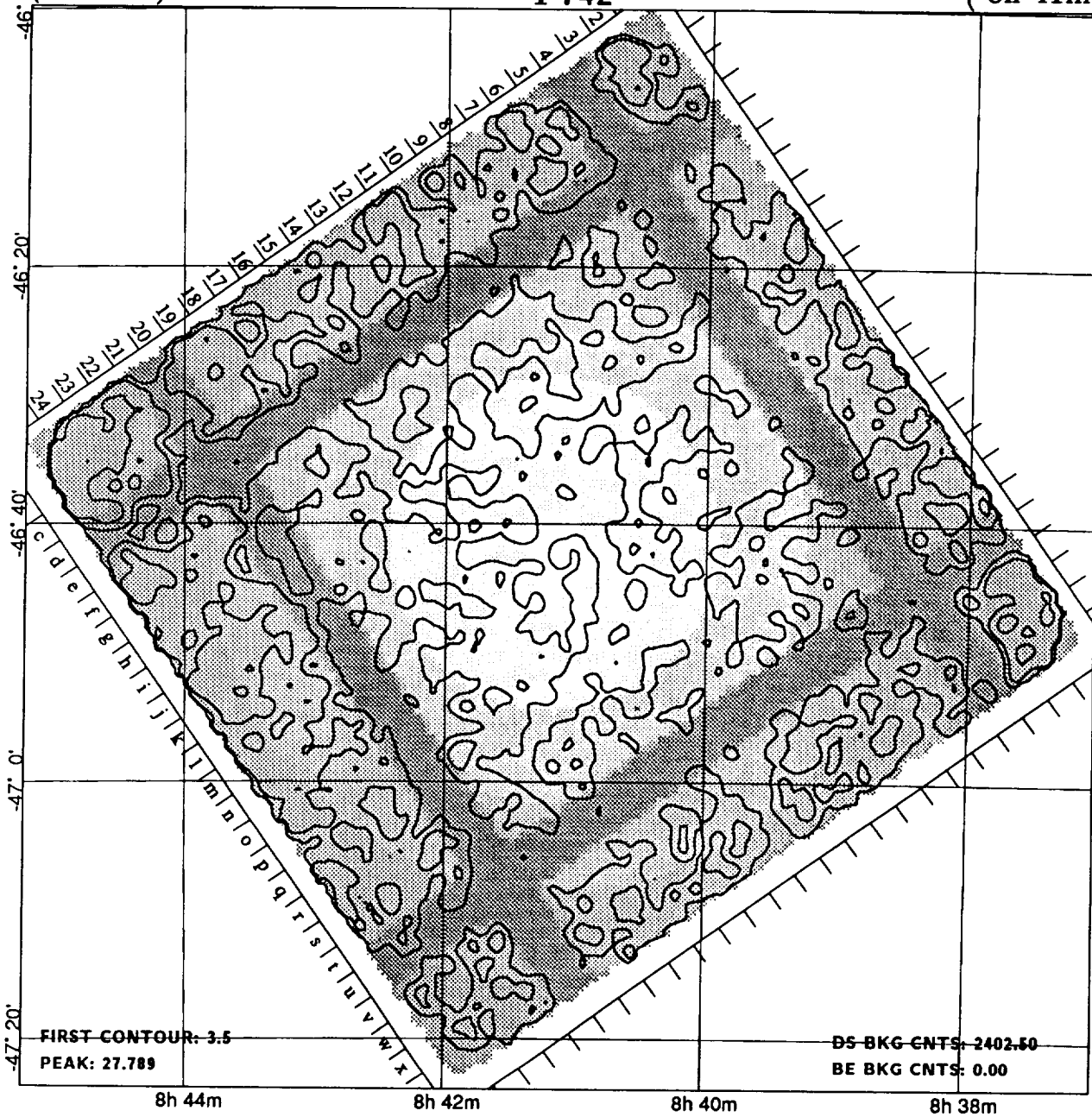
NH: $2.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(8h 41m)

I 742

(8h 41m)



FIRST CONTOUR: 3.5
PEAK: 27.789

DS BKG CNTS: 2402.60
BE BKG CNTS: 0.00

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

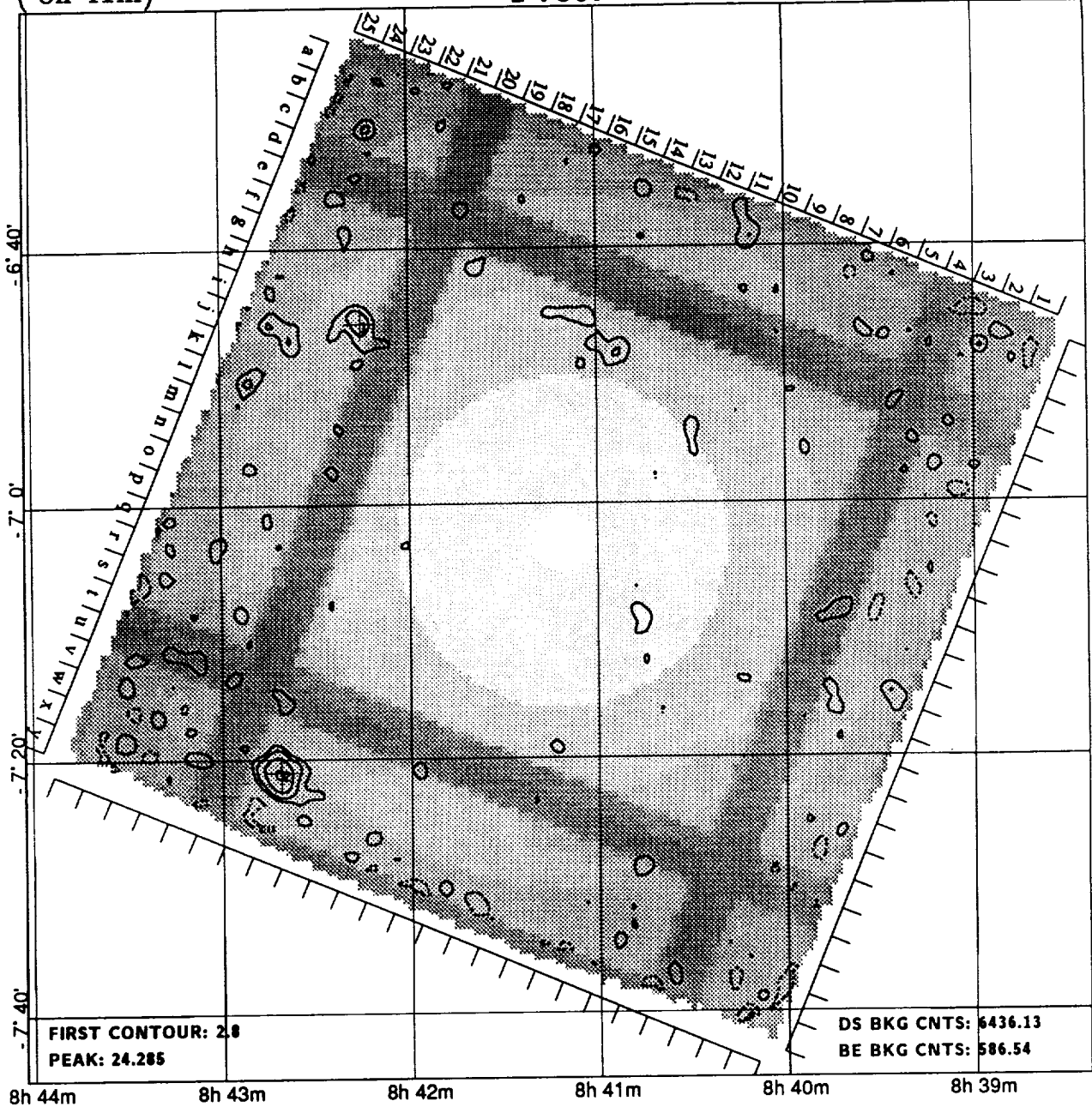
DATE: 1980/152 - 1980/152
LIVETIME: 1946.8s
ROLL ANGLE: 54.9°

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

(8h 41m)

I 7867

(8h 41m)



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

FIELD CENTER: $08^h 41^m 13.1^s -07^\circ 03' 08''$ (B1950)
 $08^h 43^m 40.5^s -07^\circ 14' 01''$ (J2000)
 $l: 233.29 \quad b: 20.97$

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

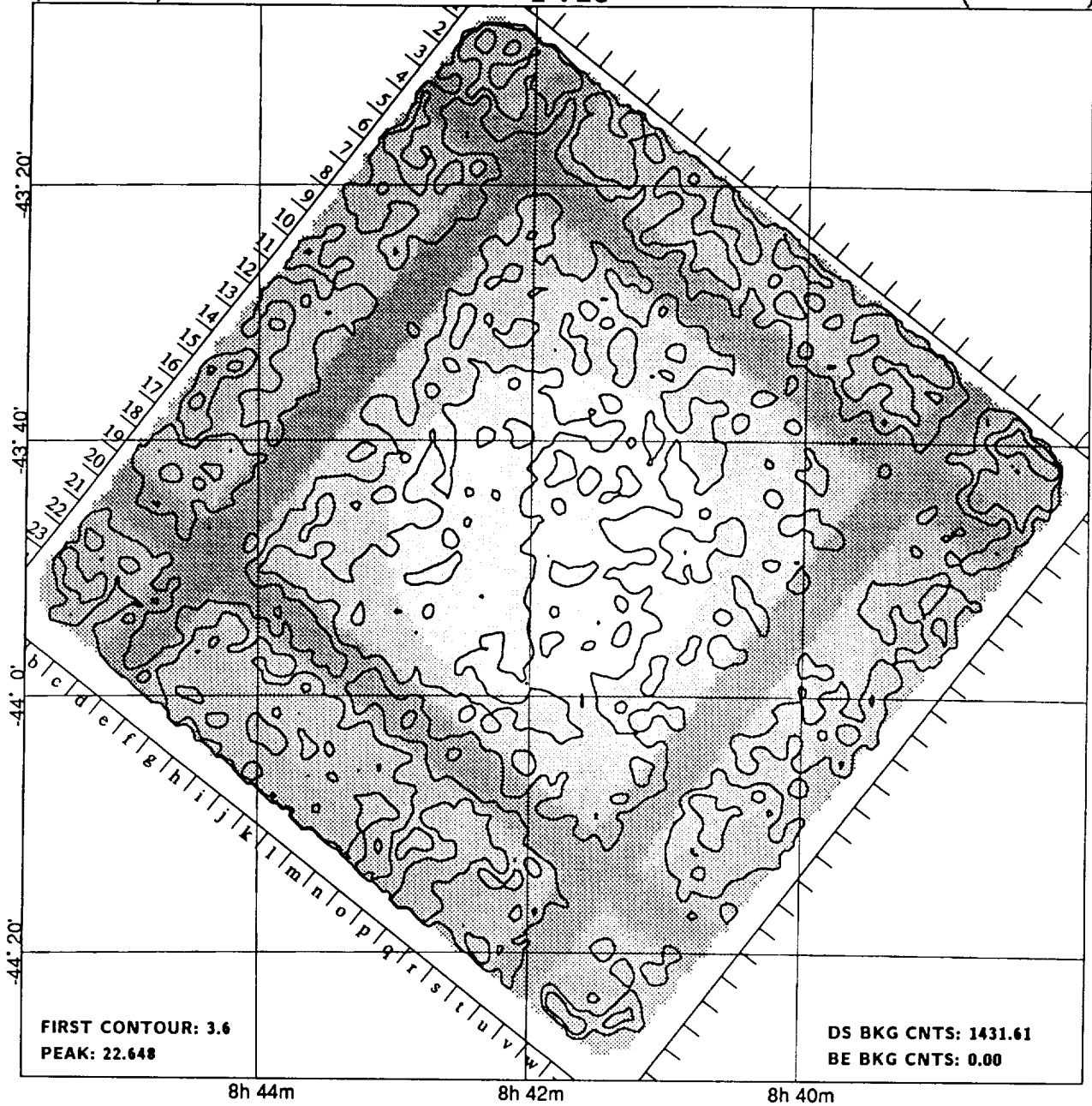
NH: $3.2E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE \pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(8h 41m)

I 728

(8h 41m)



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 41^m 49.0^s$ $-43^\circ 47' 59''$ (B1950)
 $08^h 43^m 34.0^s$ $-43^\circ 58' 53''$ (J2000)
 $l: 263.50$ $b: -0.90$

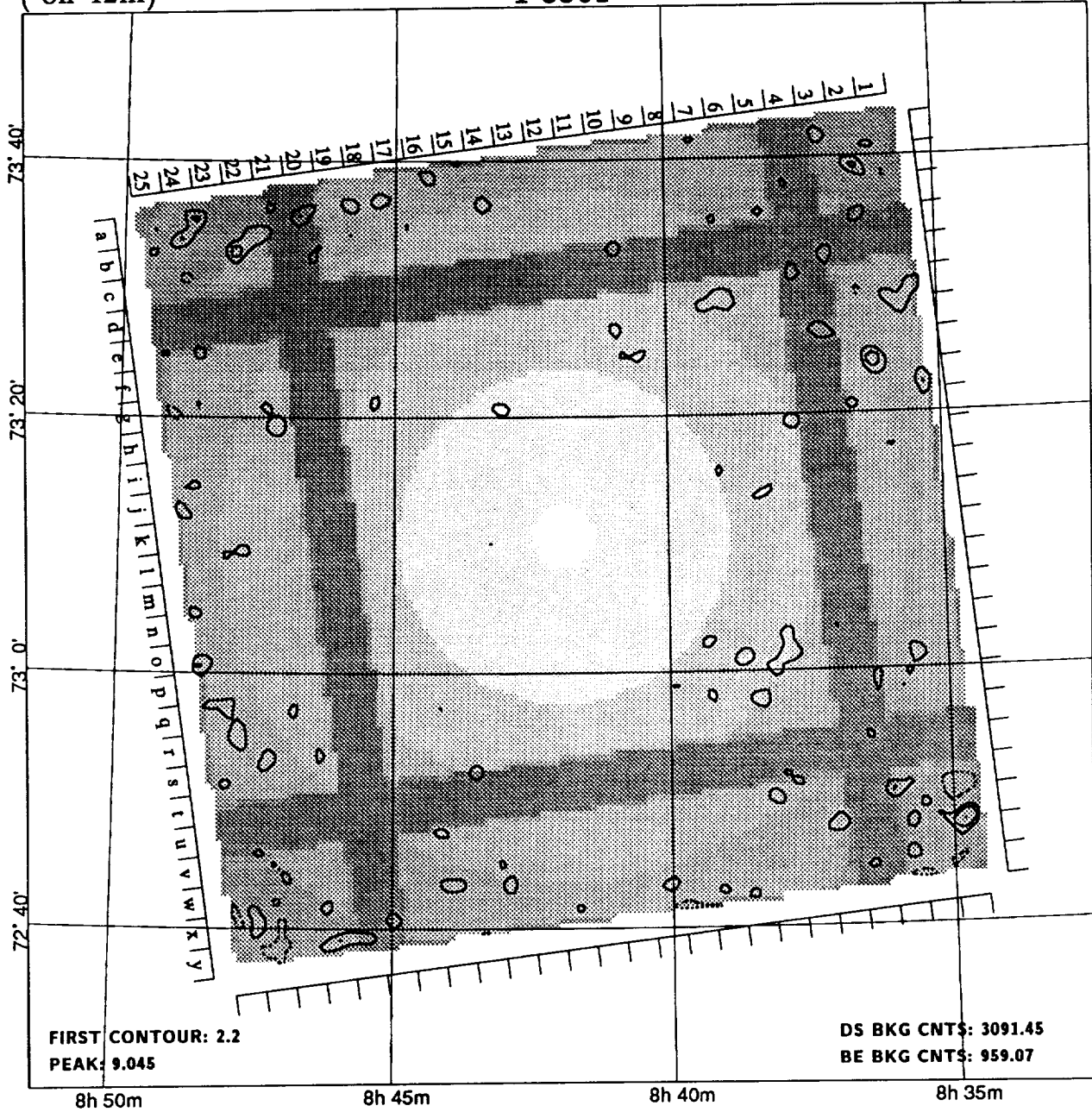
DATE: 1979/172 - 1979/172
 LIVETIME: 1160.1s
 ROLL ANGLE: 38.0°

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: $08^h 42^m 00.0^s$ $73^\circ 09' 59''$ (B1950)
 $08^h 47^m 19.0^s$ $72^\circ 59' 00''$ (J2000)
 $l: 140.97$ $b: 34.21$

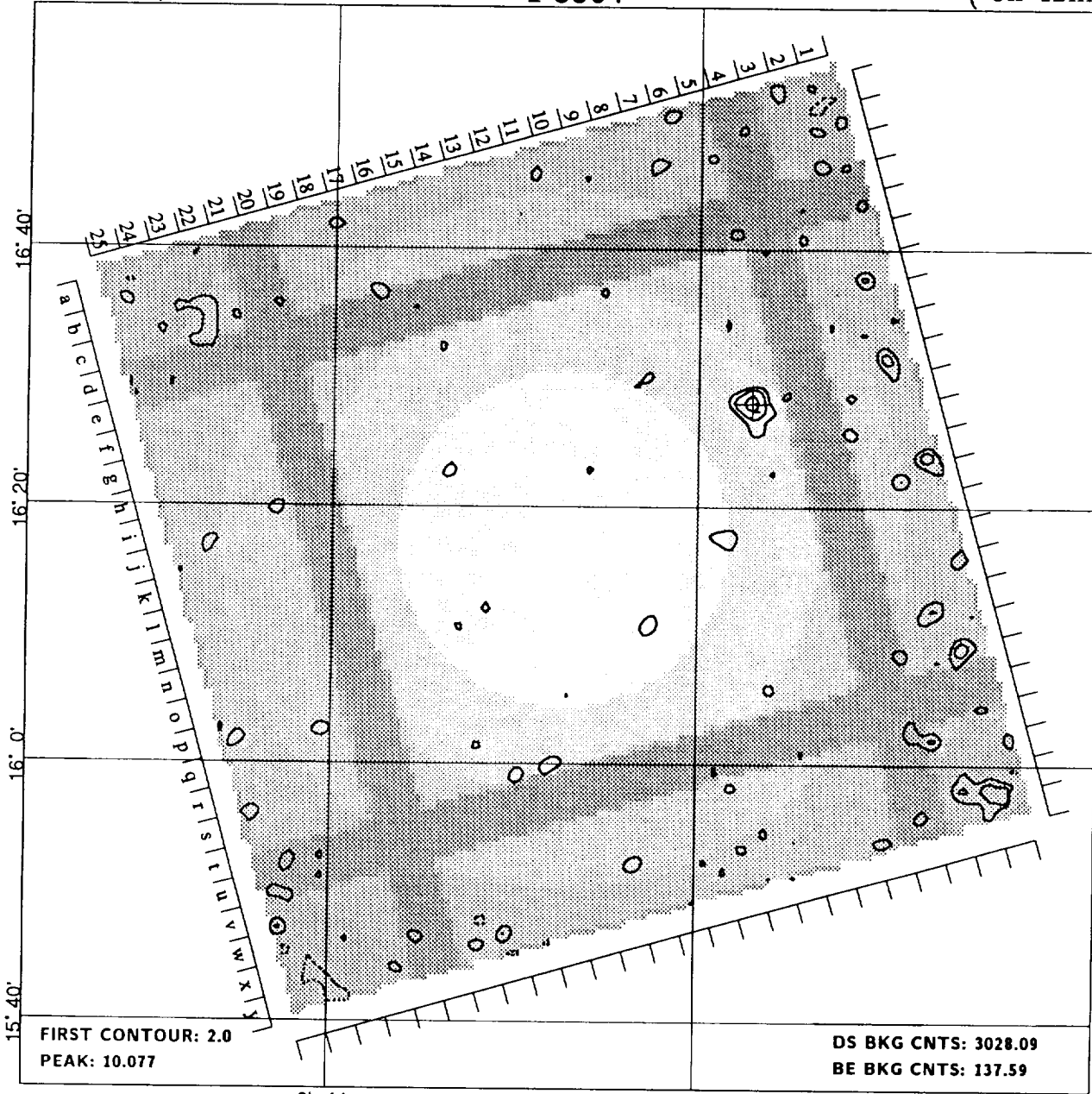
DATE: 1980/121 - 1980/121
 LIVETIME: 2595.1s
 ROLL ANGLE: 82.9°

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

(8h 42m)

I 5364

(8h 42m)



8h 44m

8h 42m

SURVEY OF BRIGHT QUASARS (PG)

FIELD CENTER: $08^h 42^m 45.1^s$ $16^\circ 16' 43''$ (B1950)
 $08^h 45^m 33.4^s$ $16^\circ 05' 45''$ (J2000)
 $l: 210.39$ $b: 32.33$

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

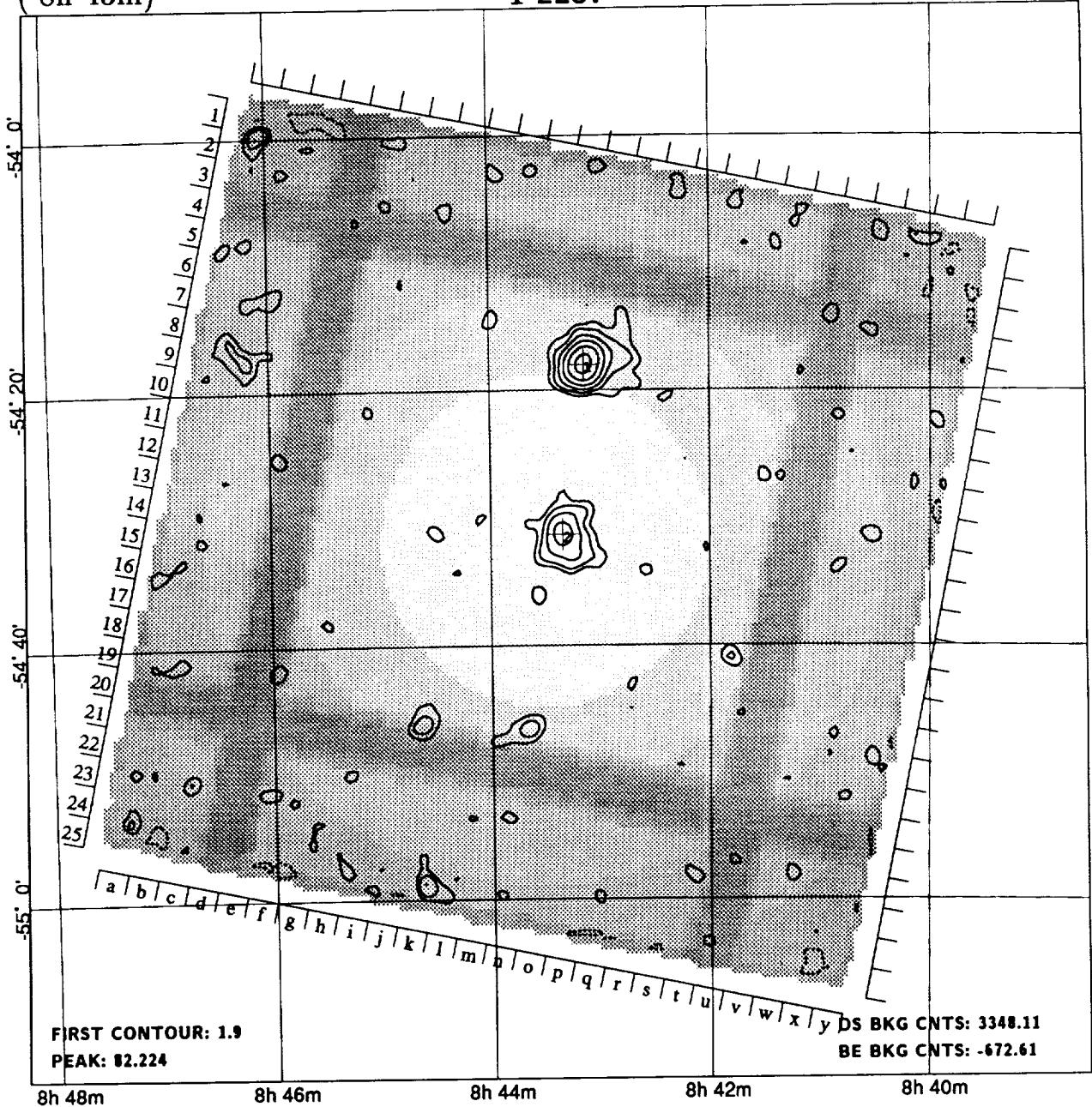
NH: $3.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(8h 43m)

I 2237

(8h 43m)



STELLAR SURVEY-EARLY TYPE STARS: HD74956=DELTA VEL

FIELD CENTER: $08^h 43^m 24.0^s -54^\circ 31' 59''$ (B1950)
 $08^h 44^m 46.7^s -54^\circ 42' 57''$ (J2000)
 $l: 272.09 \quad b: -7.37$

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

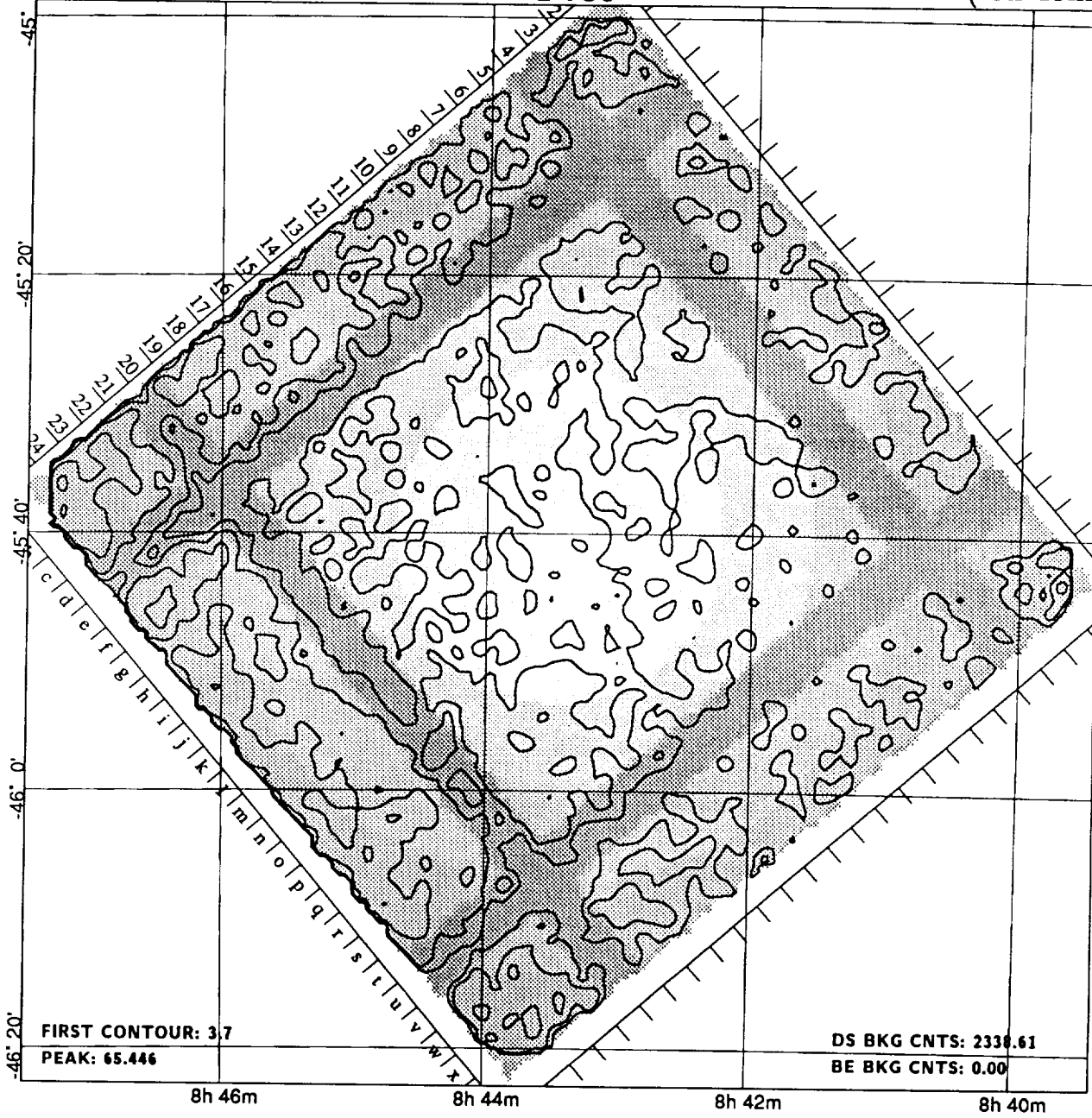
NH: $1.7E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(8h 43m)

I 736

(8h 43m)



FIELD CENTER: $08^h 43^m 27.0^s$ $-45^\circ 40' 59''$ (B1950)
 $08^h 45^m 09.0^s$ $-45^\circ 51' 58''$ (J2000)
 $l: 265.15$ $b: -1.85$

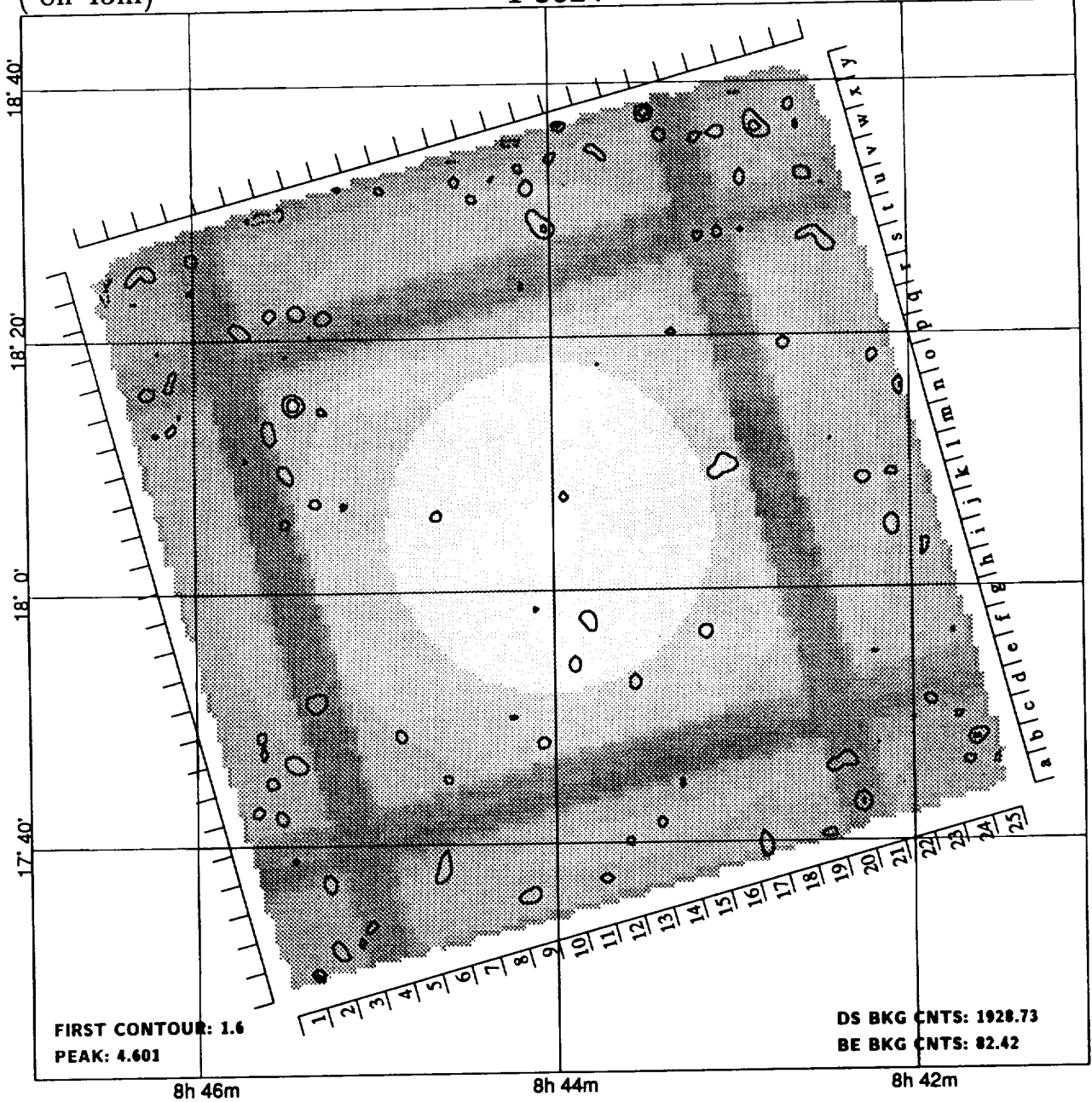
DATE: 1980/159 - 1980/159
 LIVETIME: 1895.1s
 ROLL ANGLE: 49.6°

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

(8h 43m)

I 3024

(8h 43m)



A 30: PLANETARY NEBULAE WITH HOT STARS

FIELD CENTER: $08^h 43^m 59.0^s$ $18^\circ 03' 59''$ (B1950)
 $08^h 46^m 49.0^s$ $17^\circ 52' 57''$ (J2000)
 $l: 208.55$ $b: 33.27$

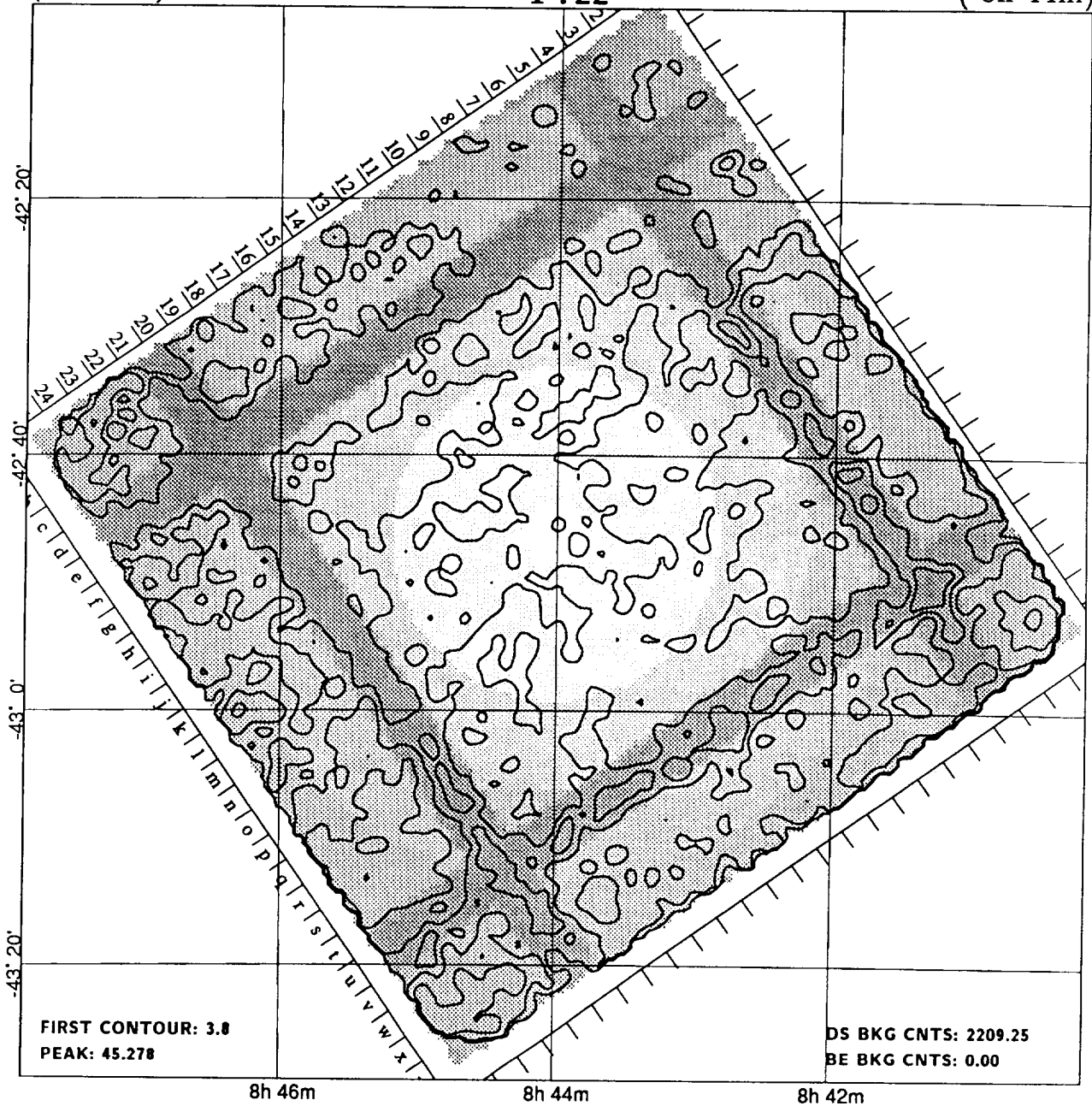
DATE: 1979/295 - 1979/295
LIVETIME: 1562.9s
ROLL ANGLE: -105.2°

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

(8h 44m)

I 722

(8h 44m)



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 44^m 01.0^s$ $-42^\circ 46' 59''$ (B1950)
 $08^h 45^m 48.1^s$ $-42^\circ 58' 00''$ (J2000)
 $l: 262.95$ $b: 0.05$

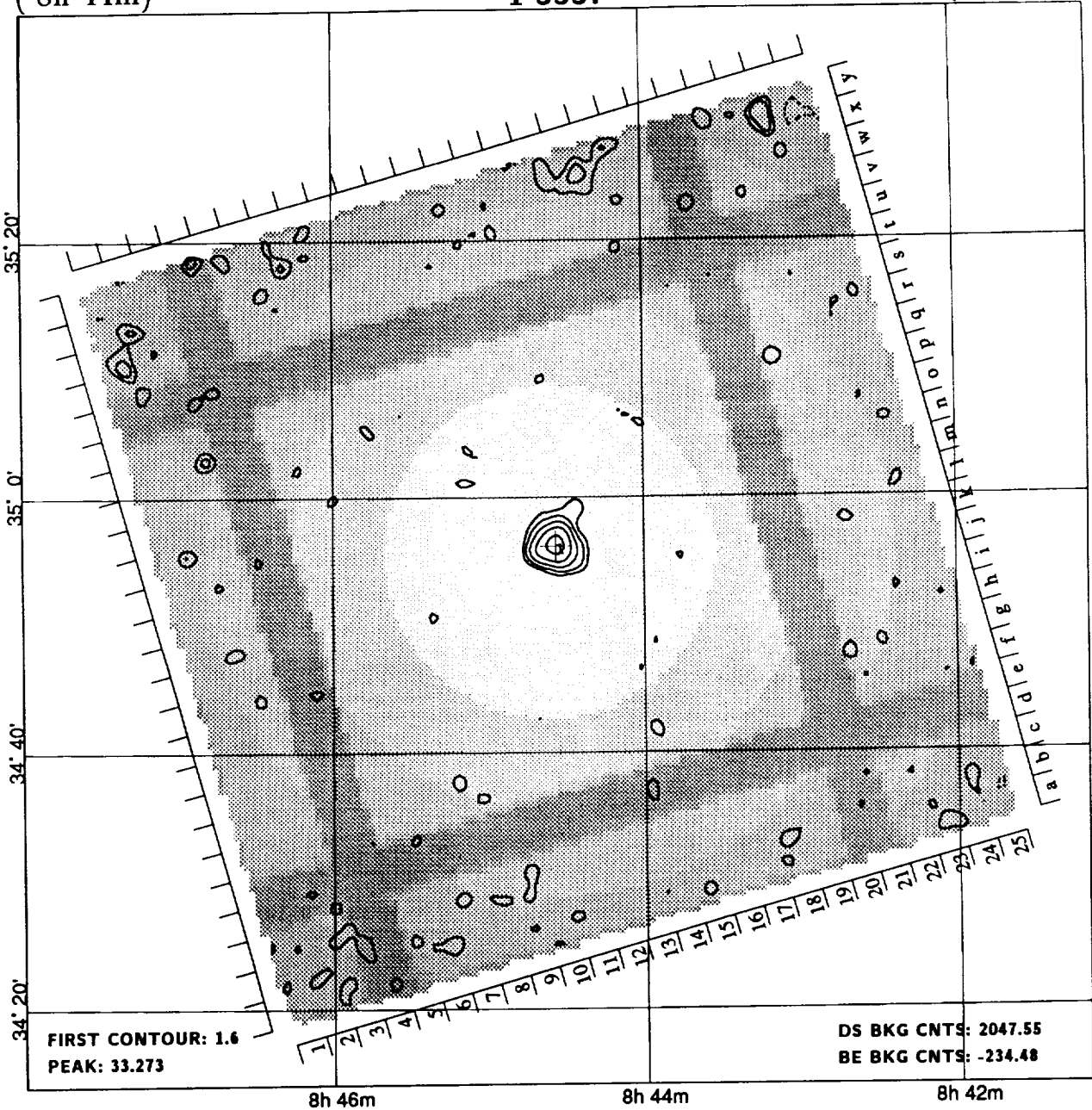
DATE: 1980/152 - 1980/152
 LIVETIME: 1790.2s
 ROLL ANGLE: 55.0°

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

(8h 44m)

I 5337

(8h 44m)



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 : 198.57 b : 37.97

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

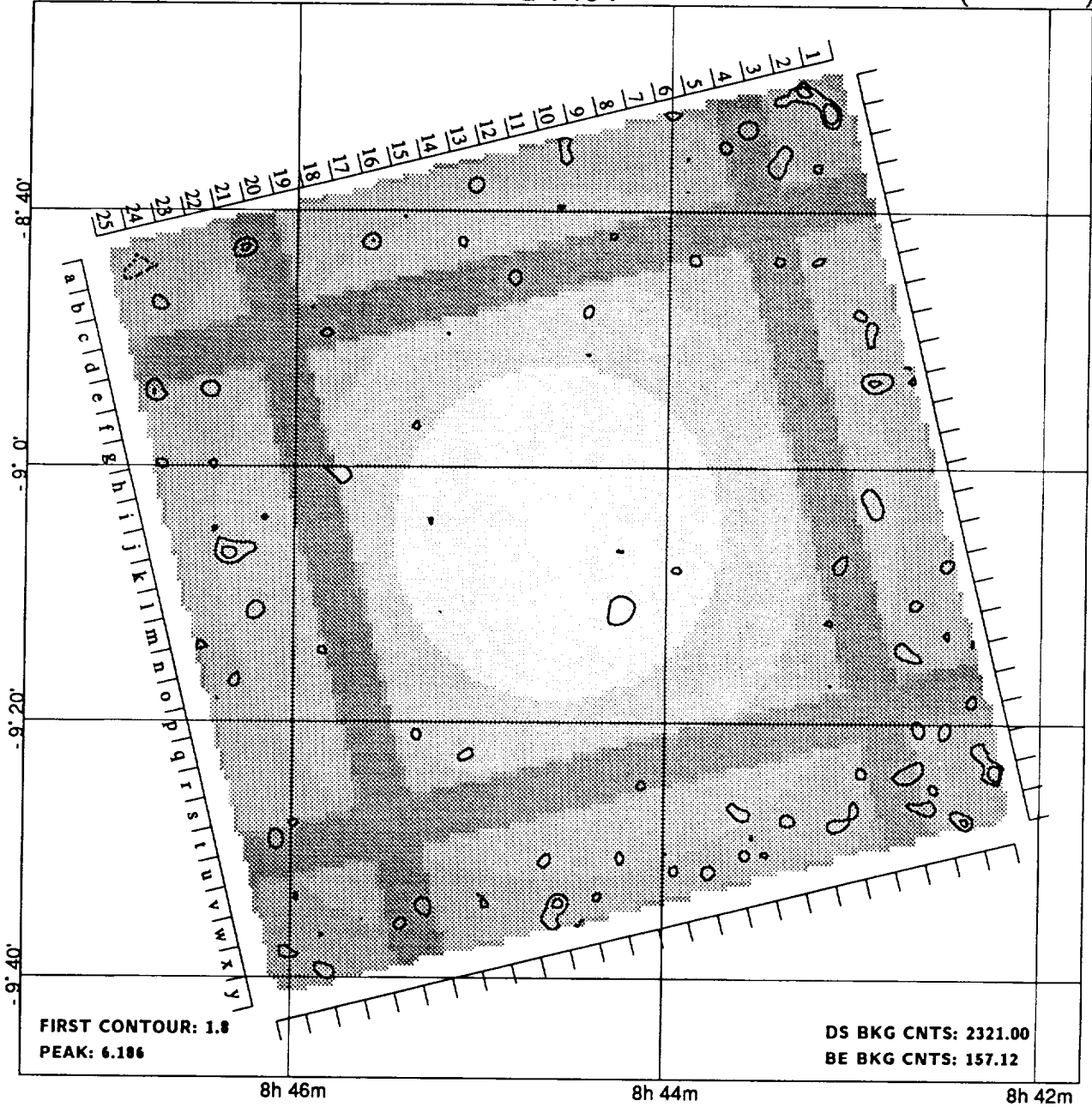
NH: 3.2E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(8h 44m)

I 7404

(8h 44m)



GD 104, SUBDWARF STAR

FIELD CENTER: $08^h 44^m 36.0^s$ $-09^\circ 05' 53''$ (B1950)
 $08^h 47^m 01.6^s$ $-09^\circ 16' 57''$ (J2000)
 $l: 235.61$ $b: 20.54$

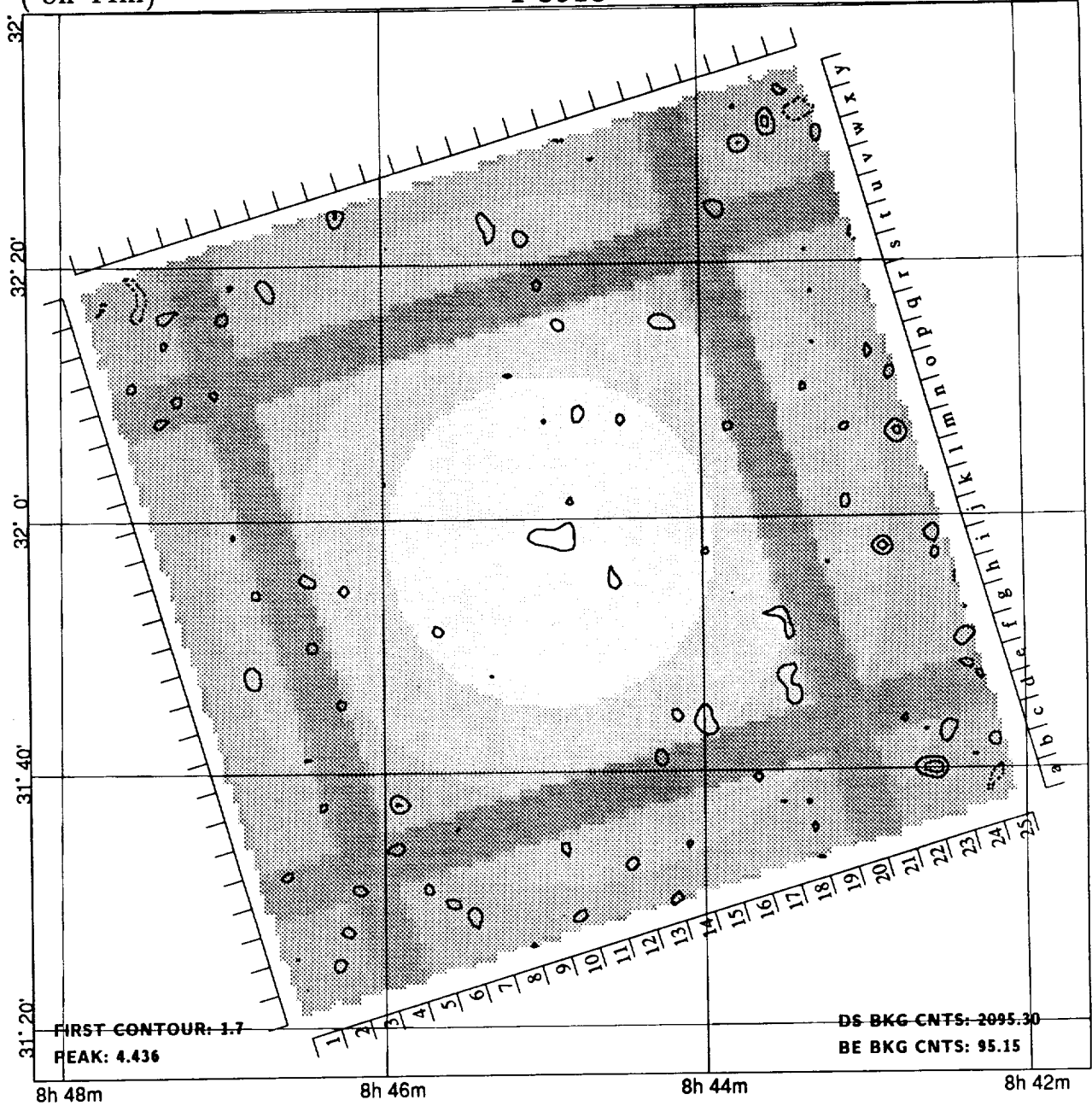
DATE: 1980/120 - 1980/120
 LIVETIME: 1948.3s
 ROLL ANGLE: 76.2°

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

(8h 44m)

I 3918

(8h 44m)



FIRST CONTOUR: 1.7
PEAK: 4.436

DS BKG CNTS: 2095.30
BE BKG CNTS: 95.15

8h 48m

8h 46m

8h 44m

8h 42m

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

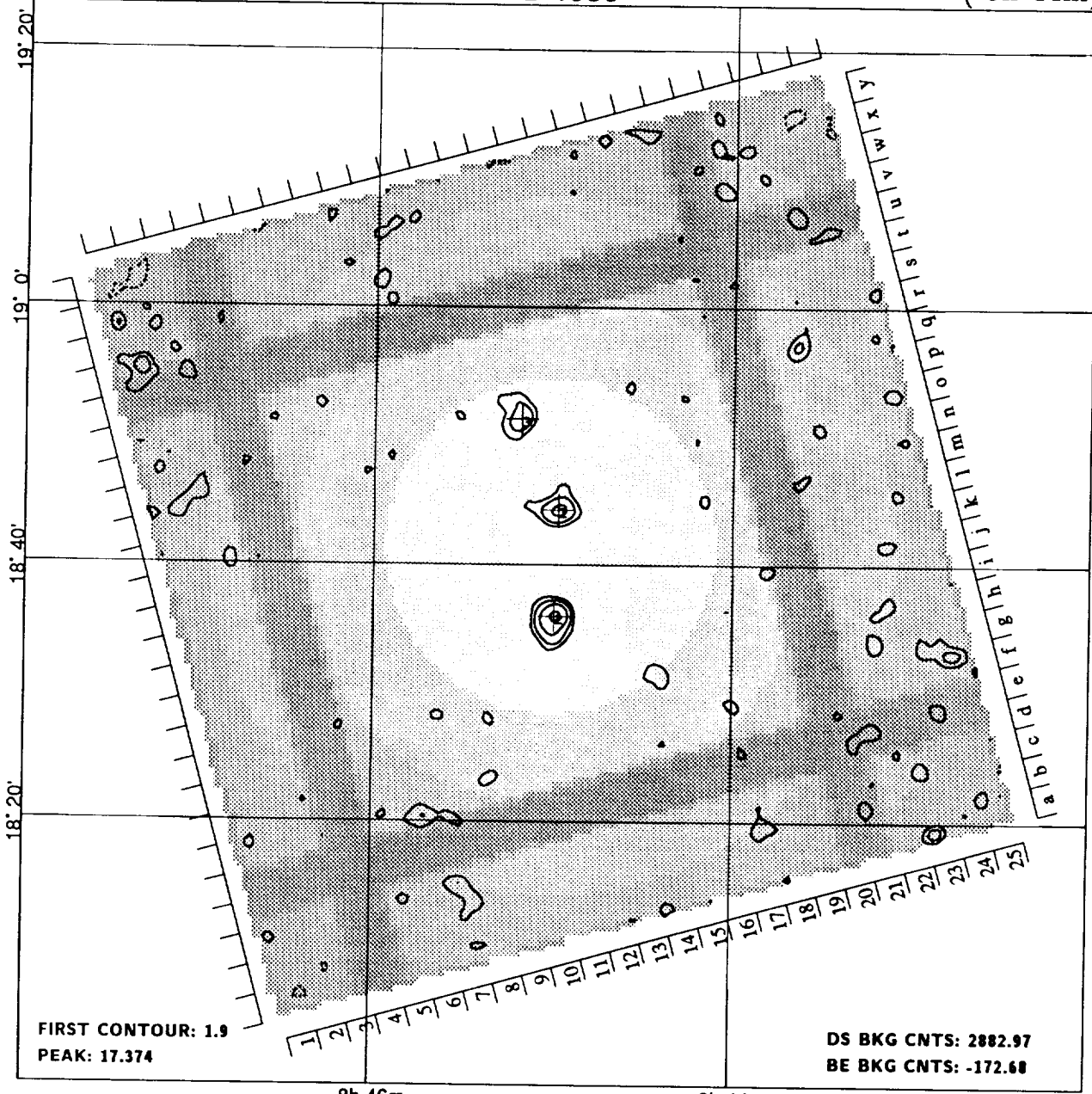
DATE: 1979/298 - 1979/298
LIVETIME: 1697.9s
ROLL ANGLE: -106.6°

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

(8h 44m)

I 4059

(8h 44m)



LB 8684, RADIO QUIET QUASAR WITH CONTINUOUS SPECTRUM

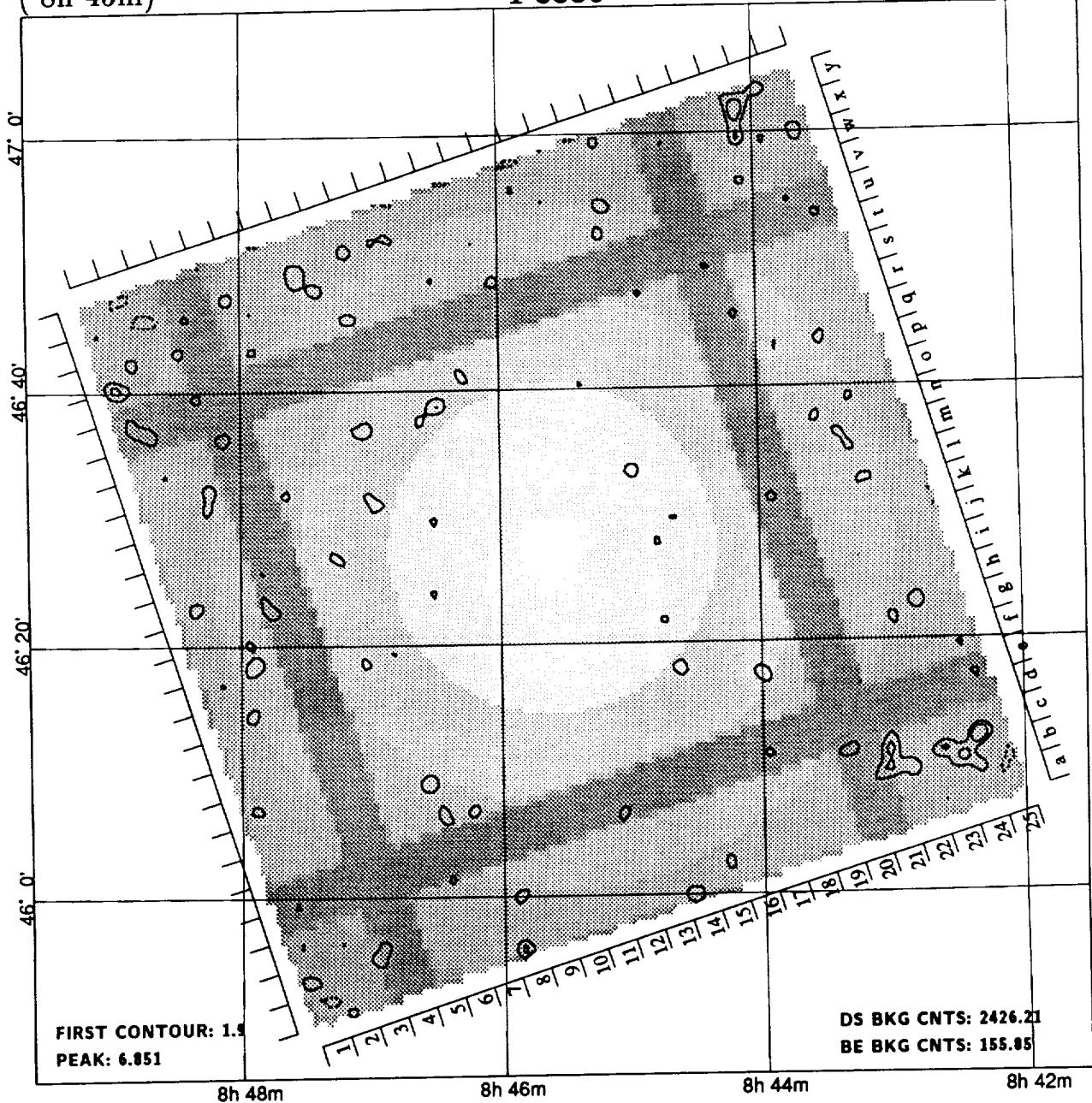
FIELD CENTER: 08^h44^m59.0^s 18°41'29" (B1950) DATE: 1979/296 - 1979/296 NH: 2.7E+20
 08^h47^m49.5^s 18°30'24" (J2000) LIVETIME: 2336.2s REF/ID:
l: 207.95 *b*: 33.72 ROLL ANGLE: -105.3° FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(8h 45m)

I 3550

(8h 45m)



FIRST CONTOUR: 1.5
PEAK: 6.851

DS BKG CNTS: 2426.21
BE BKG CNTS: 155.85

8h 48m

8h 46m

8h 44m

8h 42m

MKN 96, SEYFERT AND ACTIVE NUCLEI GALAXIES

FIELD CENTER: 08^h 45^m 33.6^s 46° 28' 00" (B1950)
08^h 48^m 59.5^s 46° 16' 52" (J2000)
ℓ: 173.88 b: 39.15

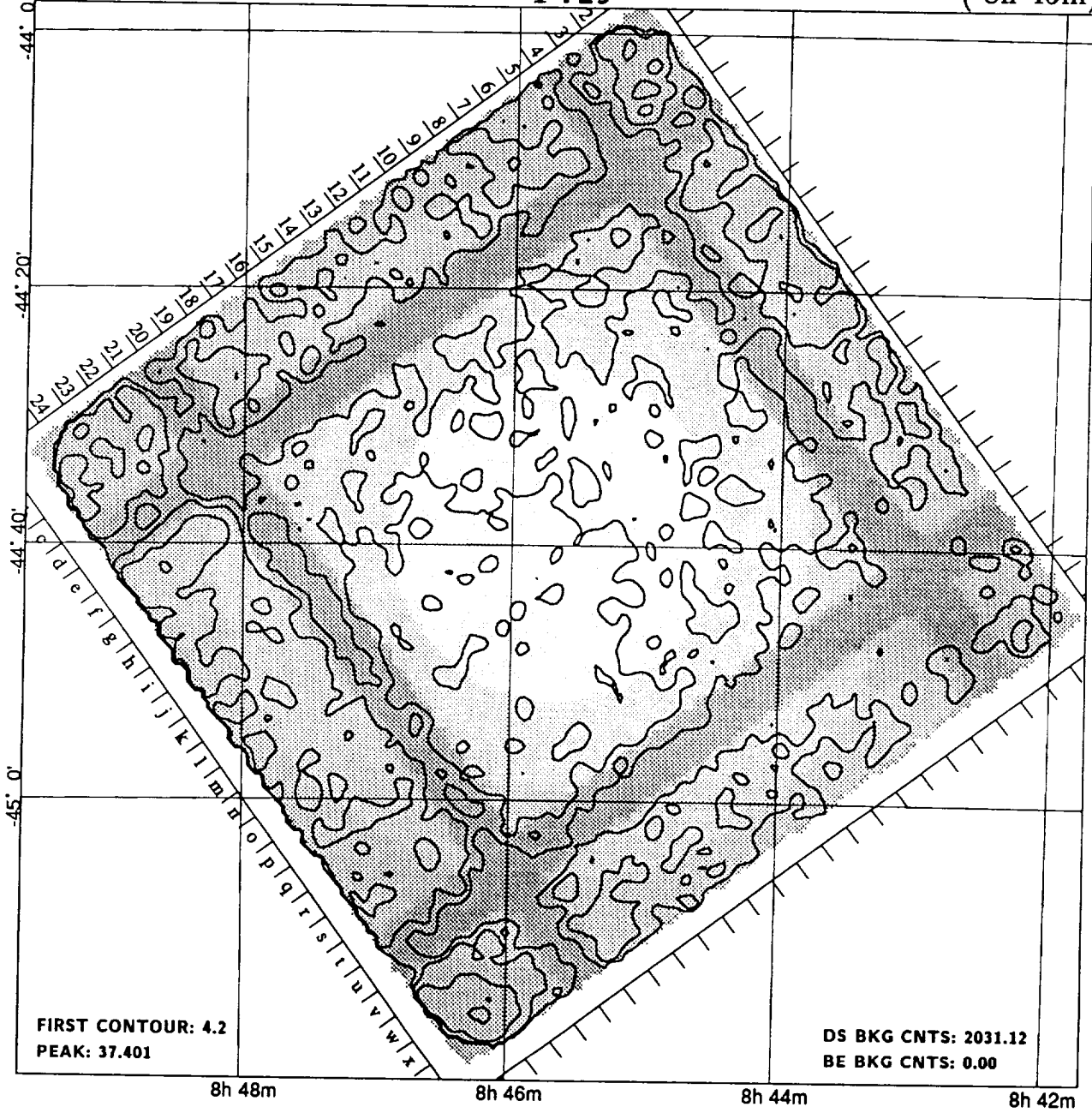
DATE: 1979/297 - 1979/297
LIVETIME: 1966.0s
ROLL ANGLE: -107.6°

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

(8h 45m)

I 729

(8h 45m)



FIRST CONTOUR: 4.2
PEAK: 37.401

DS BKG CNTS: 2031.12
BE BKG CNTS: 0.00

8h 48m 8h 46m 8h 44m 8h 42m

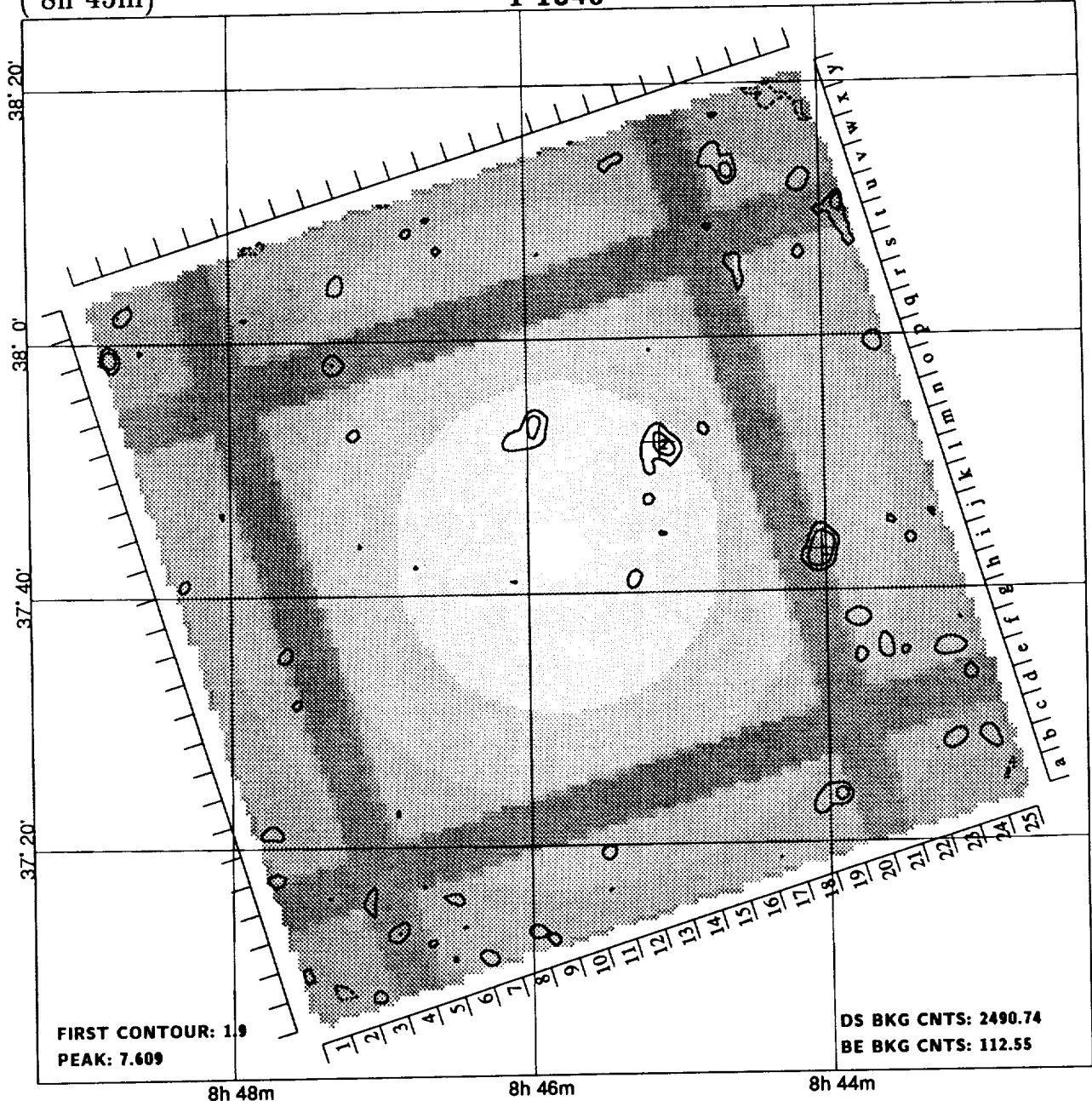
VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 45^m 41.0^s$ $-44^\circ 39' 59''$ (B1950)	DATE: 1980/154 - 1980/154	NH: $6.1E+21$
$08^h 47^m 25.2^s$ $-44^\circ 51' 05''$ (J2000)	LIVETIME: 1645.9s	REF/ID: SNR
l : 264.60 b : -0.90	ROLL ANGLE: 53.6°	FIELD FLAGS: LST

(8h 45m)

I 1840

(8h 45m)



A708: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: $08^h 45^m 48.0^s$ $37^\circ 43' 59''$ (B1950)
 $08^h 49^m 00.1^s$ $37^\circ 32' 51''$ (J2000)
 $l: 185.08$ $b: 38.62$

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

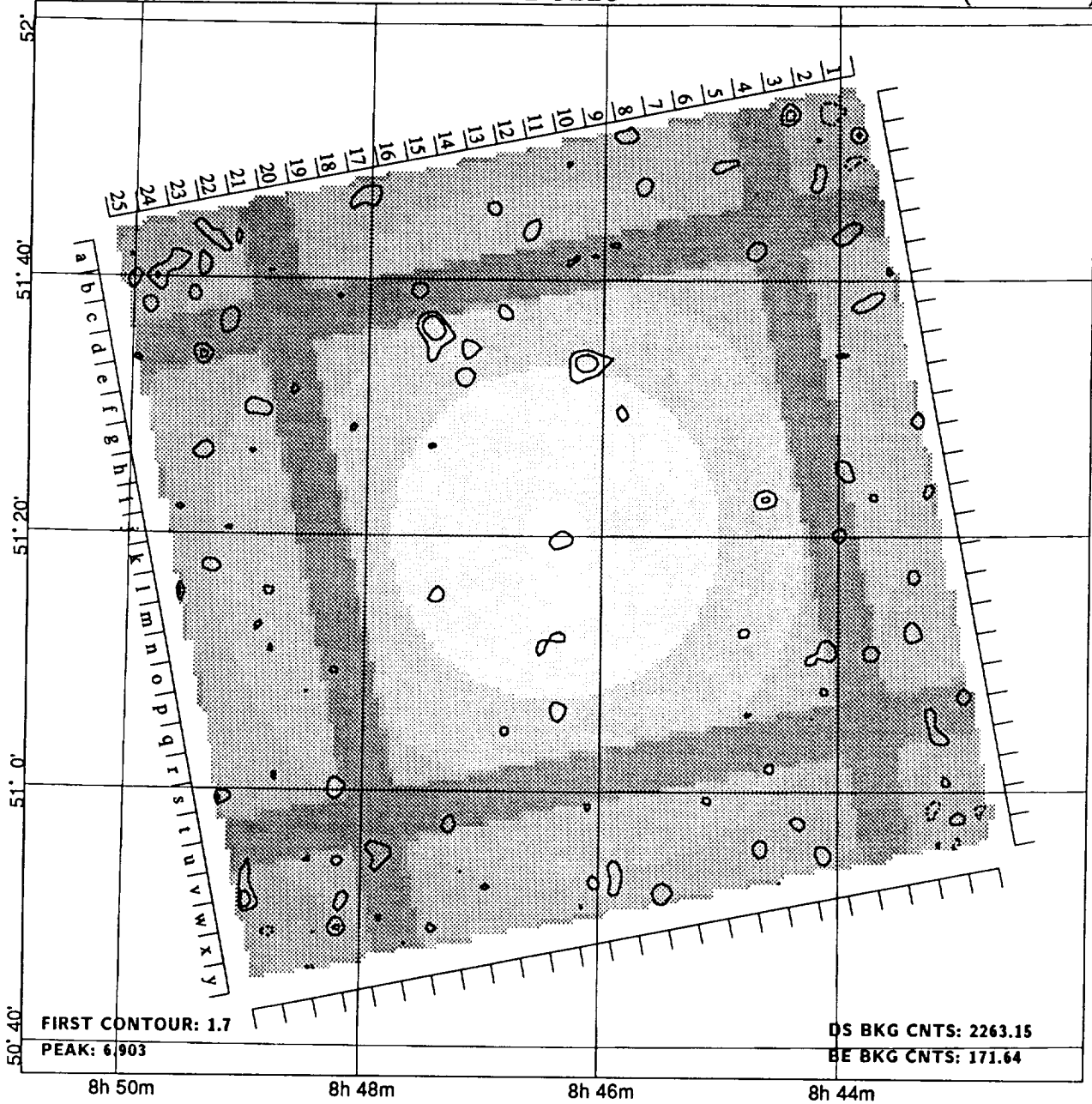
NH: $3.1E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(8h 46m)

I 5228

(8h 46m)



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

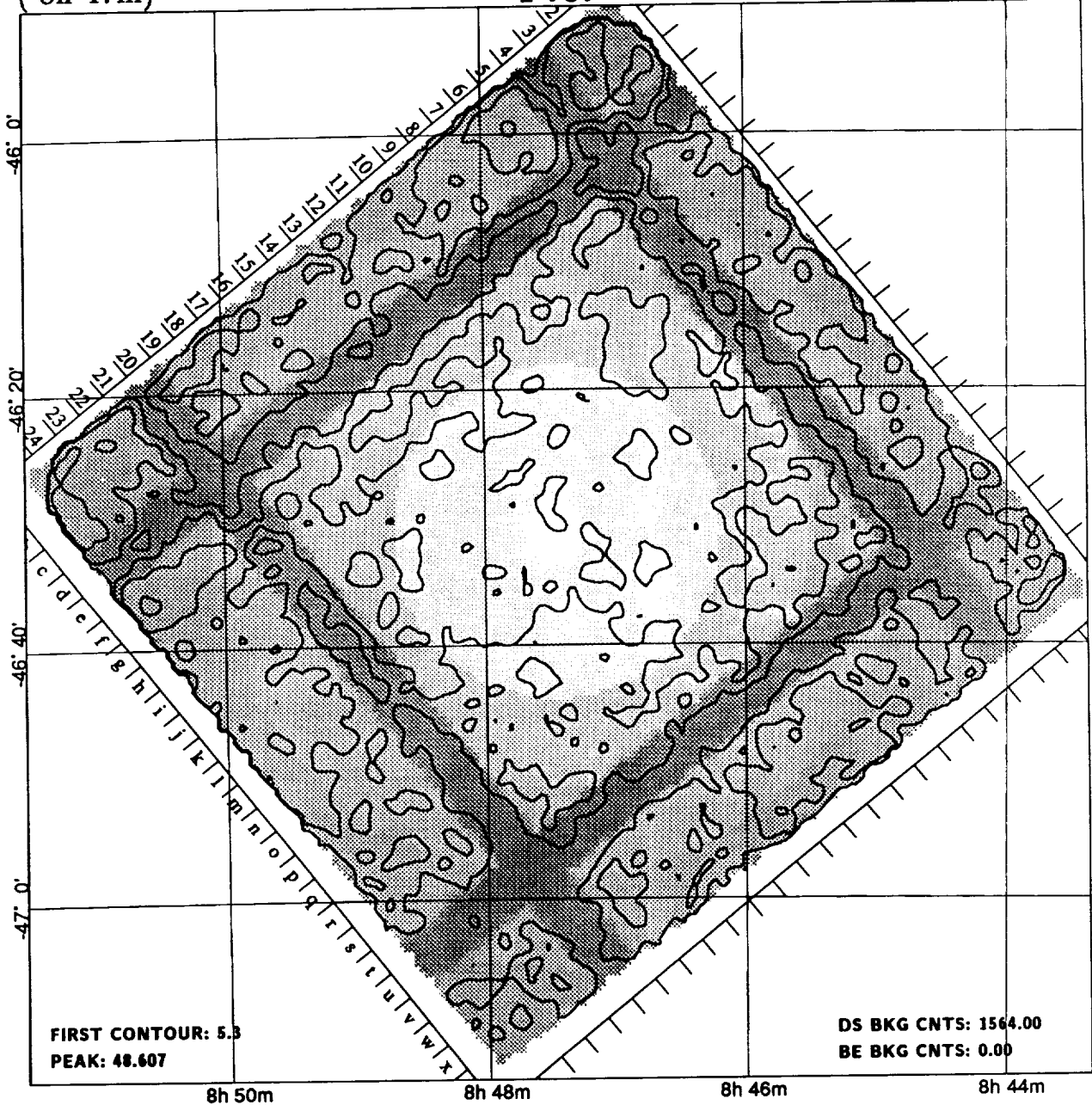
DATE: 1980/123 - 1980/123
 LIVETIME: 1899.7s
 ROLL ANGLE: 79.0°

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

(8h 47m)

I 737

(8h 47m)



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 47^m 27.0^s$ $-46^\circ 31' 59''$ (B1950)
 $08^h 49^m 08.2^s$ $-46^\circ 43' 11''$ (J2000)
 $l: 266.25$ $b: -1.05$

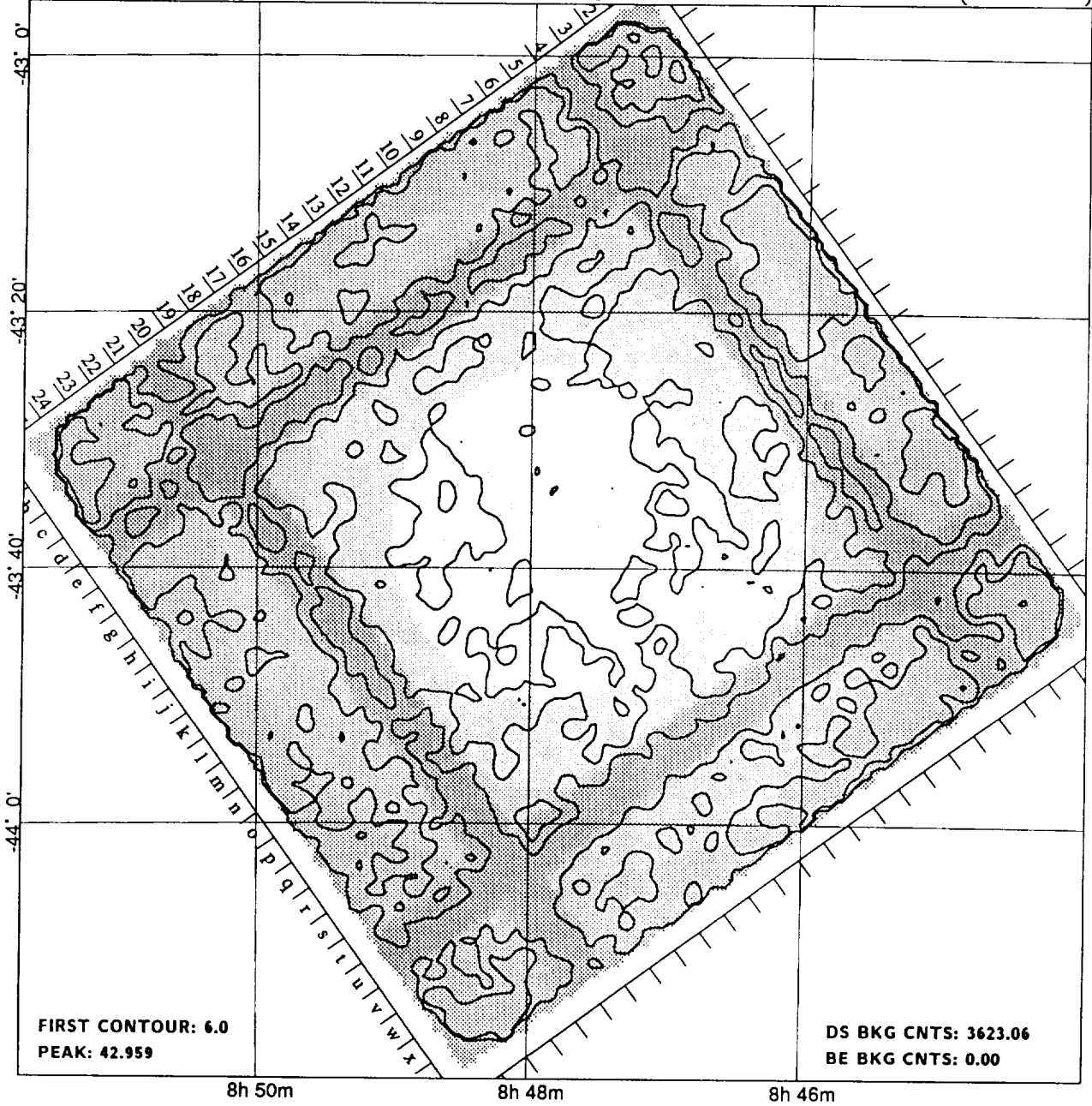
DATE: 1980/157 - 1980/157
 LIVETIME: 1267.4s
 ROLL ANGLE: 51.3°

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

(8h 47m)

I 723

(8h 47m)



FIRST CONTOUR: 6.0
PEAK: 42.959

DS BKG CNTS: 3623.06
BE BKG CNTS: 0.00

8h 50m

8h 48m

8h 46m

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

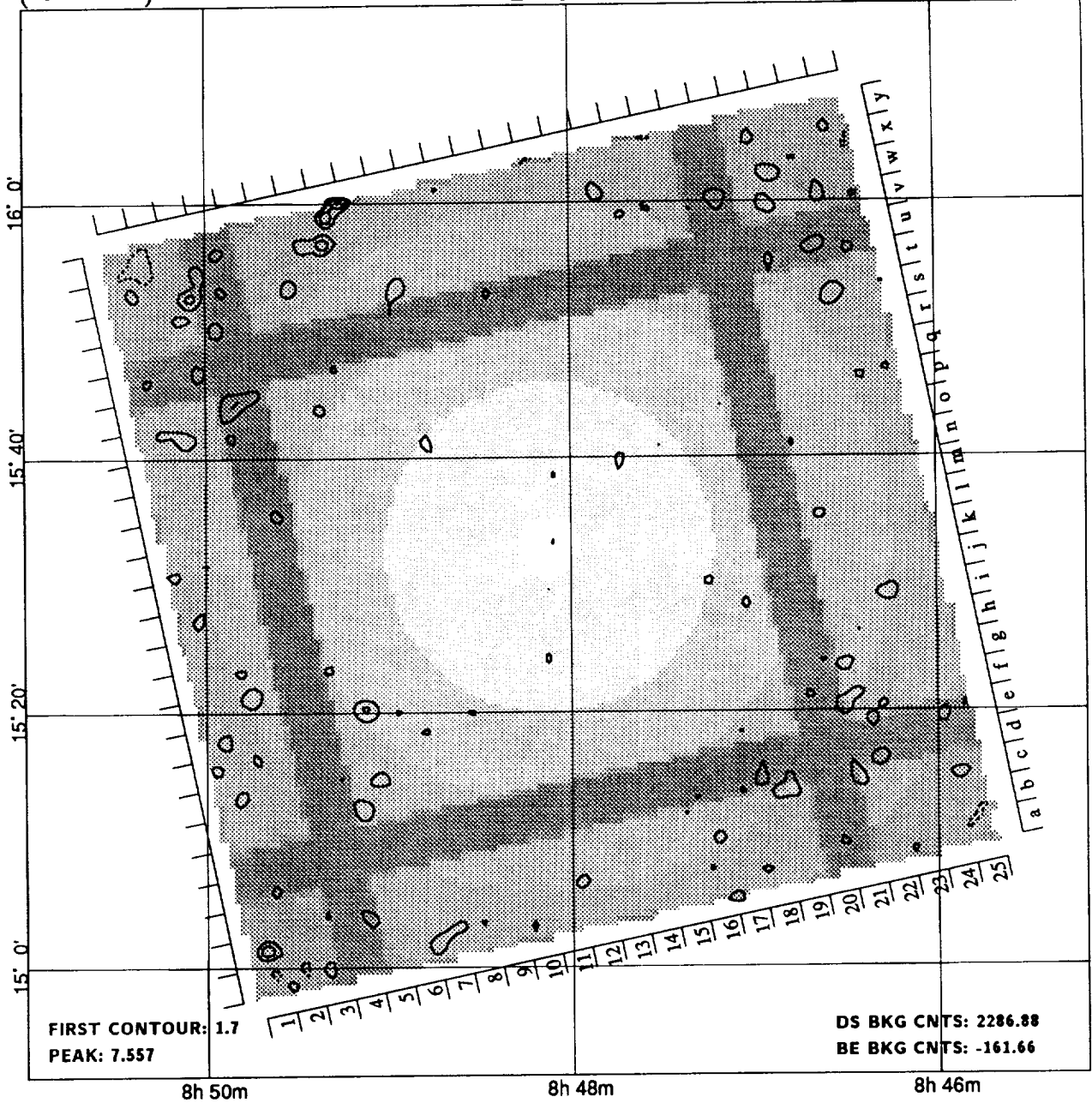
DATE: 1980/154 - 1980/154
LIVETIME: 2935.9s
ROLL ANGLE: 54.1°

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)
 08^h50^m52.4^s 15°22'13" (J2000)
 l : 211.77 b : 33.24

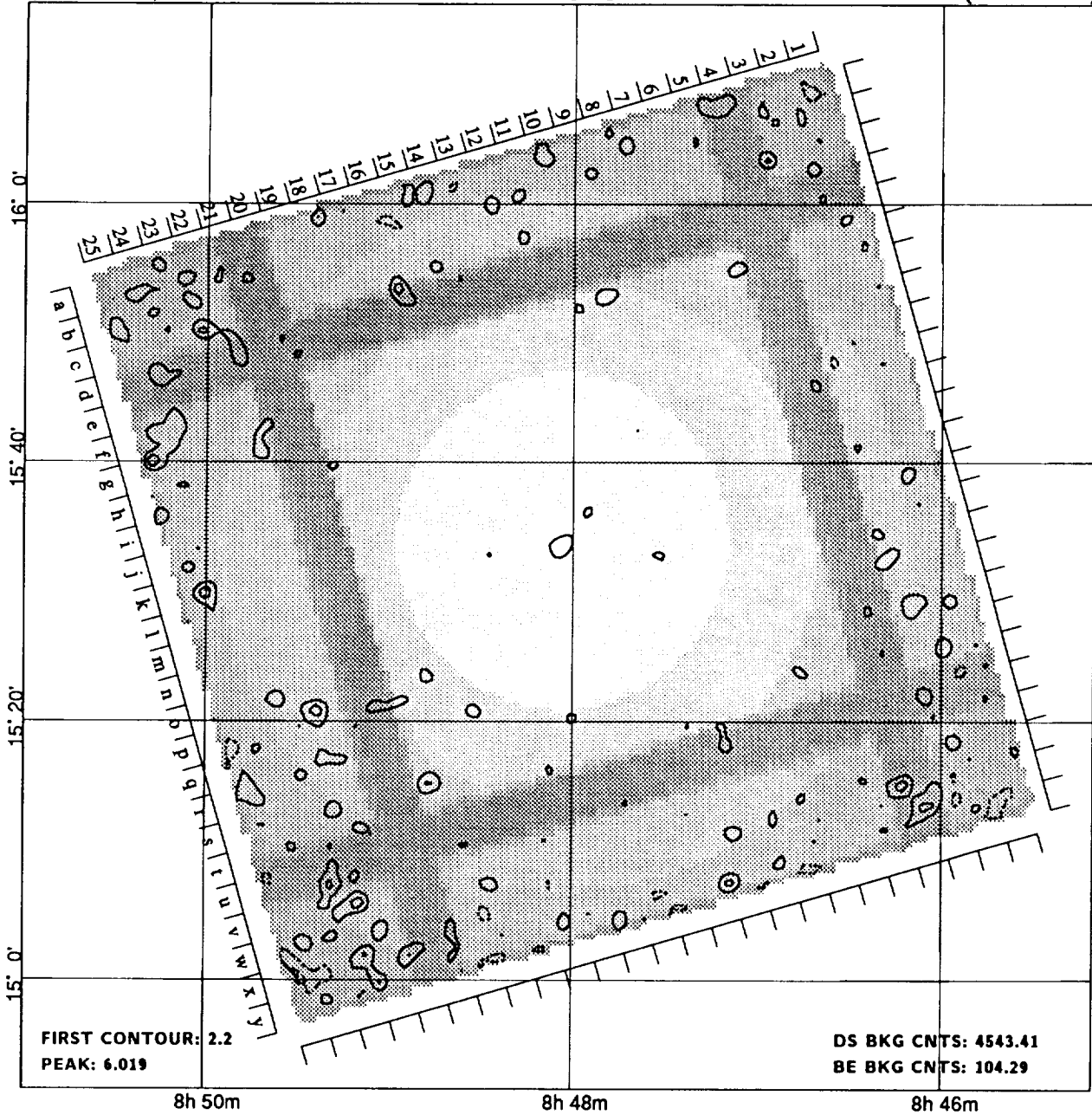
DATE: 1979/296 - 1979/296
 LIVETIME: 1853.1s
 ROLL ANGLE: -101.8°

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

(8h 48m)

I 2026

(8h 48m)



LB 8755/96: STUDY, QUASARS

FIELD CENTER: 08^h48^m05.0^s 15°33'28" (B1950)
 08^h50^m52.4^s 15°22'13" (J2000)
 $l: 211.77$ $b: 33.24$

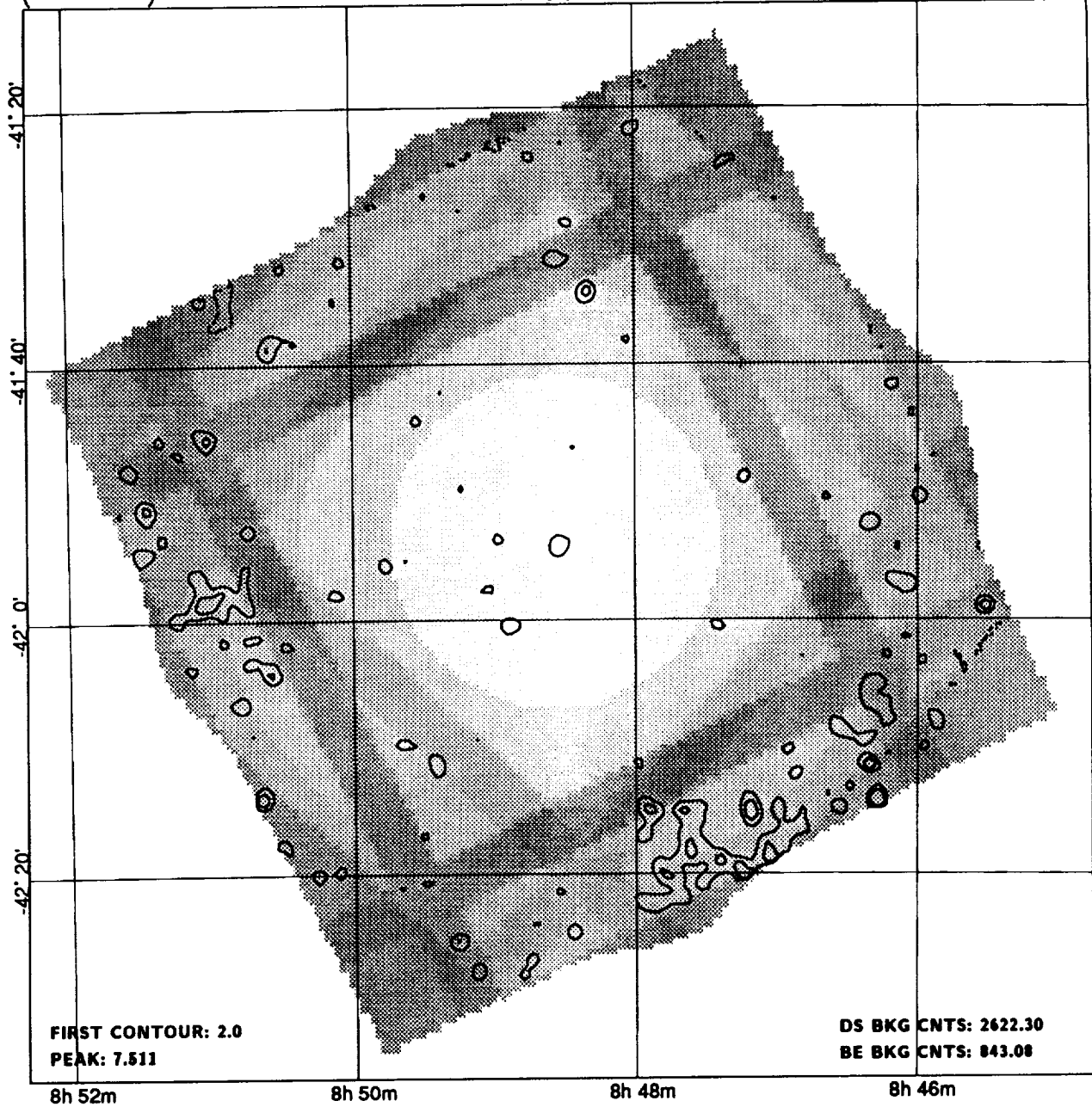
DATE: 1980/133 - 1980/135
 LIVETIME: 3681.6s
 ROLL ANGLE: 73.9°

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

(8h 48m)

I 3051

(8h 48m)



FIRST CONTOUR: 2.0
PEAK: 7.511

DS BKG CNTS: 2622.30
BE BKG CNTS: 843.08

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

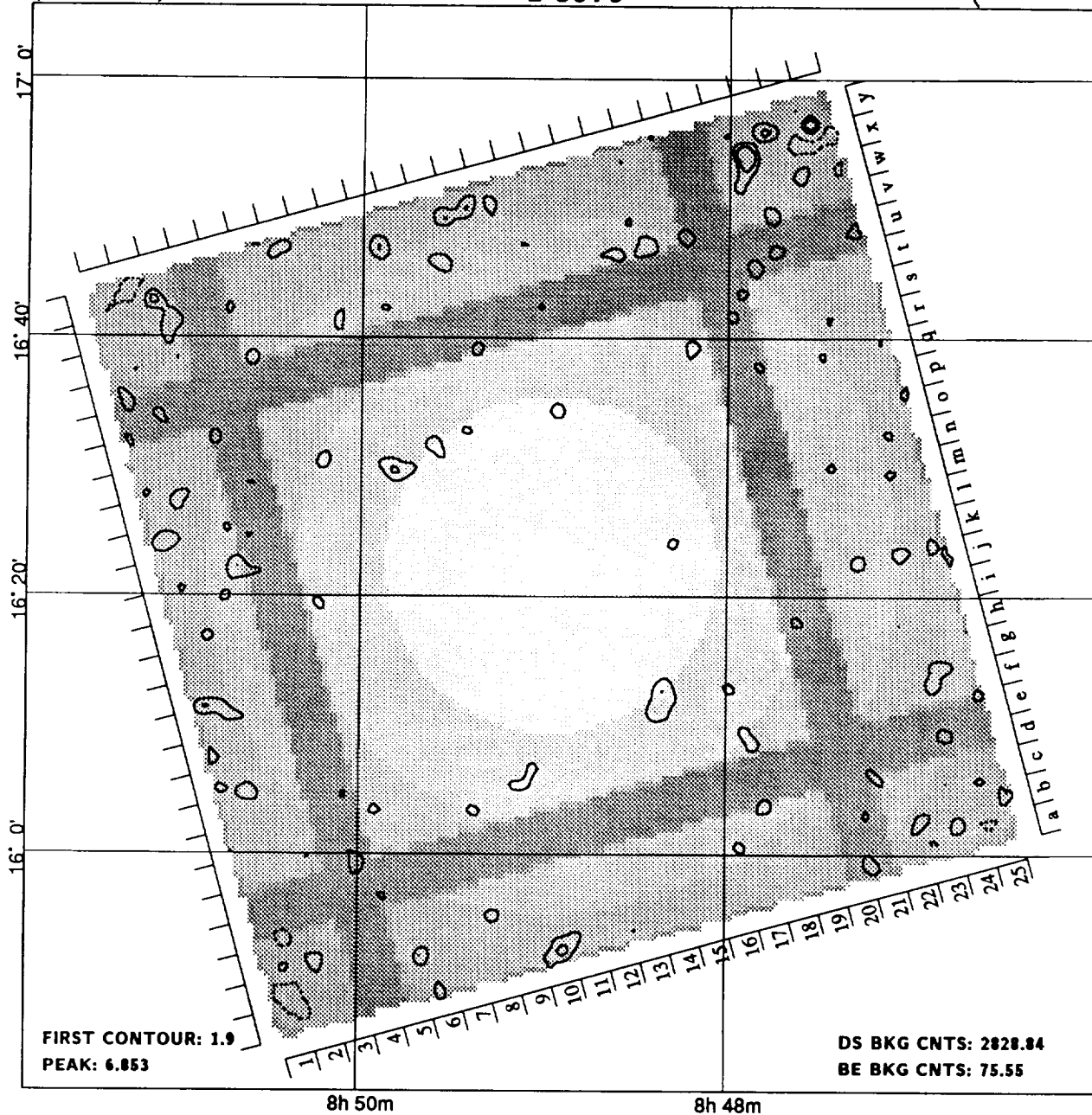
DATE: 1979/172 - 1979/328
LIVETIME: 2124.9s

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

(8h 48m)

I 3979

(8h 48m)



8h 50m 8h 48m
LB 8775, BRIGHT OPTICALLY-SELECTED QUASAR

FIELD CENTER: $08^h 48^m 53.7^s$ $16^\circ 23' 39''$ (B1950)
 $08^h 51^m 41.8^s$ $16^\circ 12' 21''$ (J2000)
 $l: 210.93$ $b: 33.74$

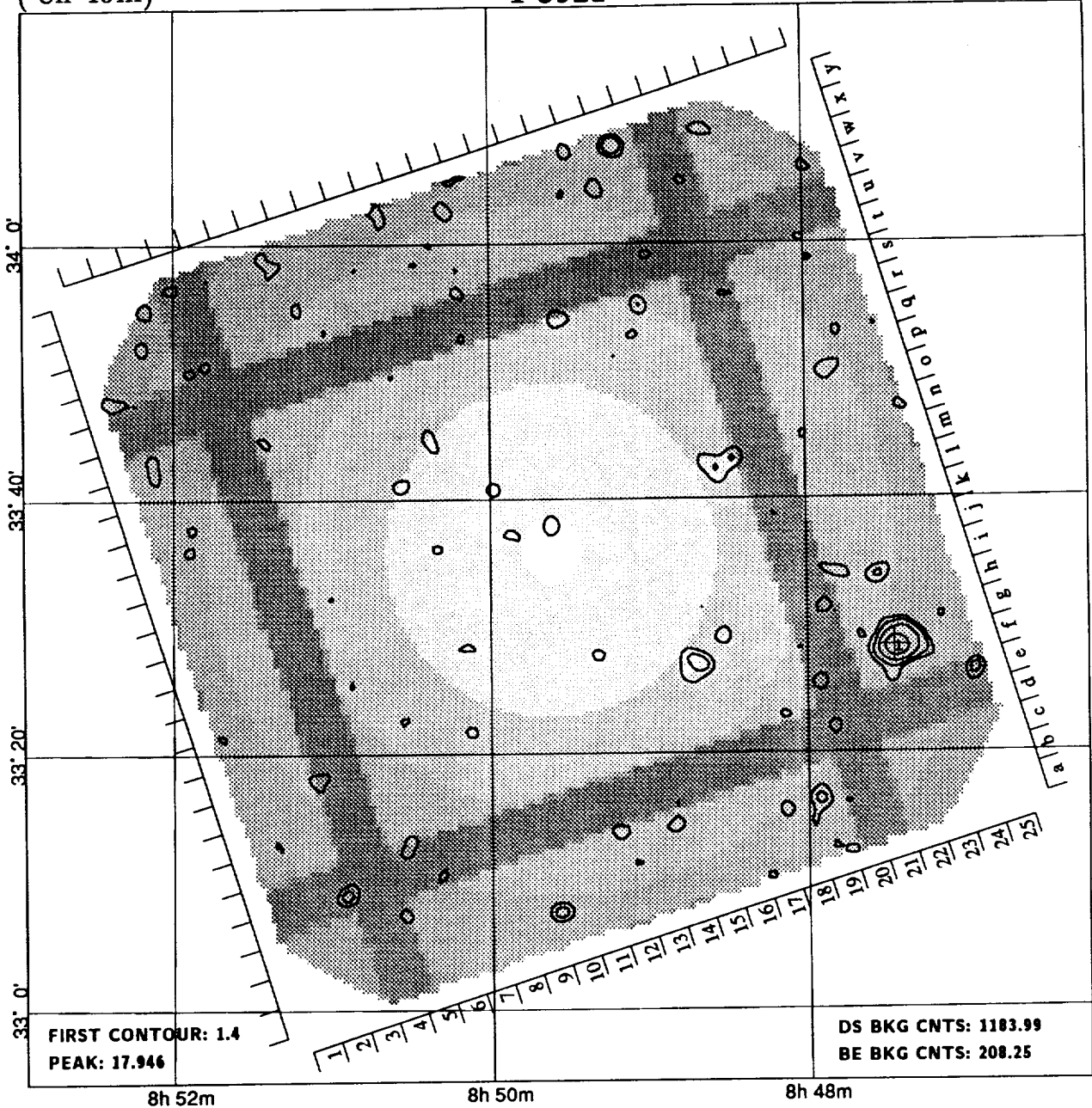
DATE: 1979/296 - 1979/296
LIVETIME: 2292.3s
ROLL ANGLE: -105.3°

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

(8h 49m)

I 3921

(8h 49m)



NGC 2683 HALO

FIELD CENTER: $08^h 49^m 34.8^s$ $33^\circ 36' 29''$ (B1950)
 $08^h 52^m 41.0^s$ $33^\circ 25' 09''$ (J2000)
 $l: 190.46$ $b: 38.76$

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

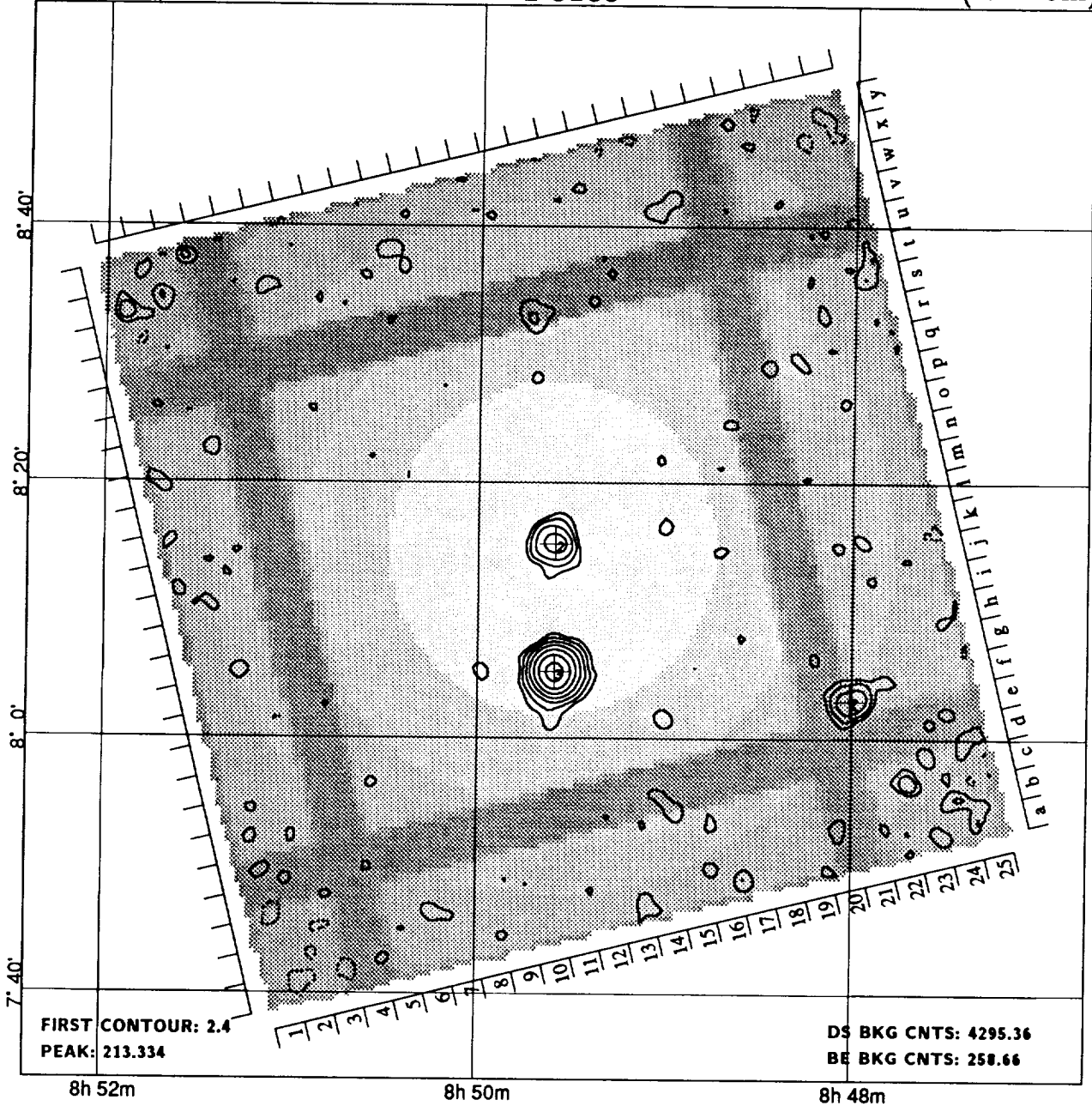
NH: $2.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(8h 49m)

I 5185

(8h 49m)



FIRST CONTOUR: 2.4
PEAK: 213.334

DS BKG CNTS: 4295.36
BE BKG CNTS: 258.66

8h 52m

8h 50m

8h 48m

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: 3480.7e
ROLL ANGLE: -103.8°

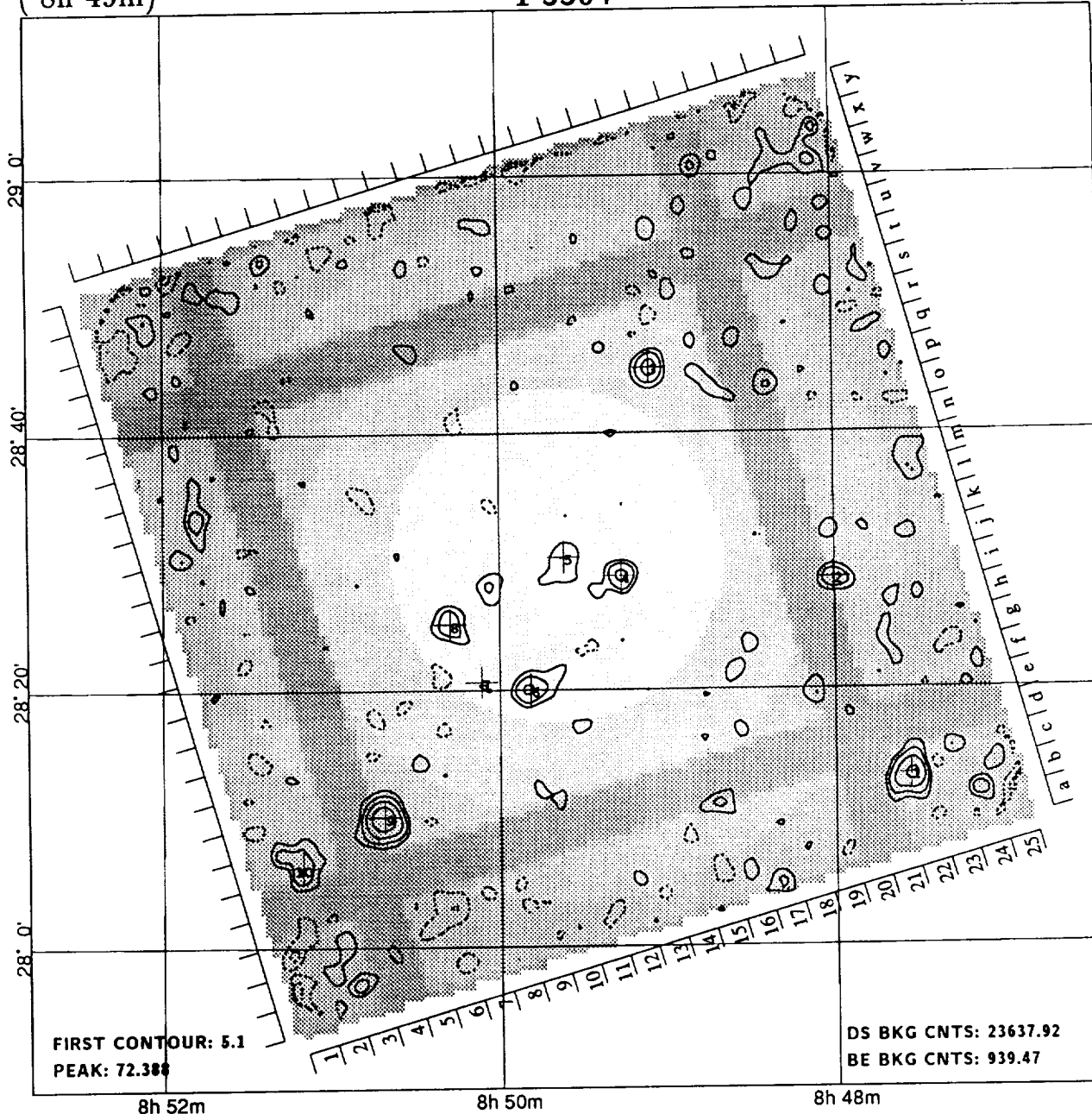
NH: 4.6E+20
REF/ID: S
FIELD FLAGS:

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

(8h 49m)

I 5504

(8h 49m)



HD 075732

FIELD CENTER: $08^h 49^m 37.0^s$ $28^\circ 30' 59''$ (B1950)
 $08^h 52^m 37.2^s$ $28^\circ 19' 39''$ (J2000)
 $l: 196.80$ $b: 37.70$

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

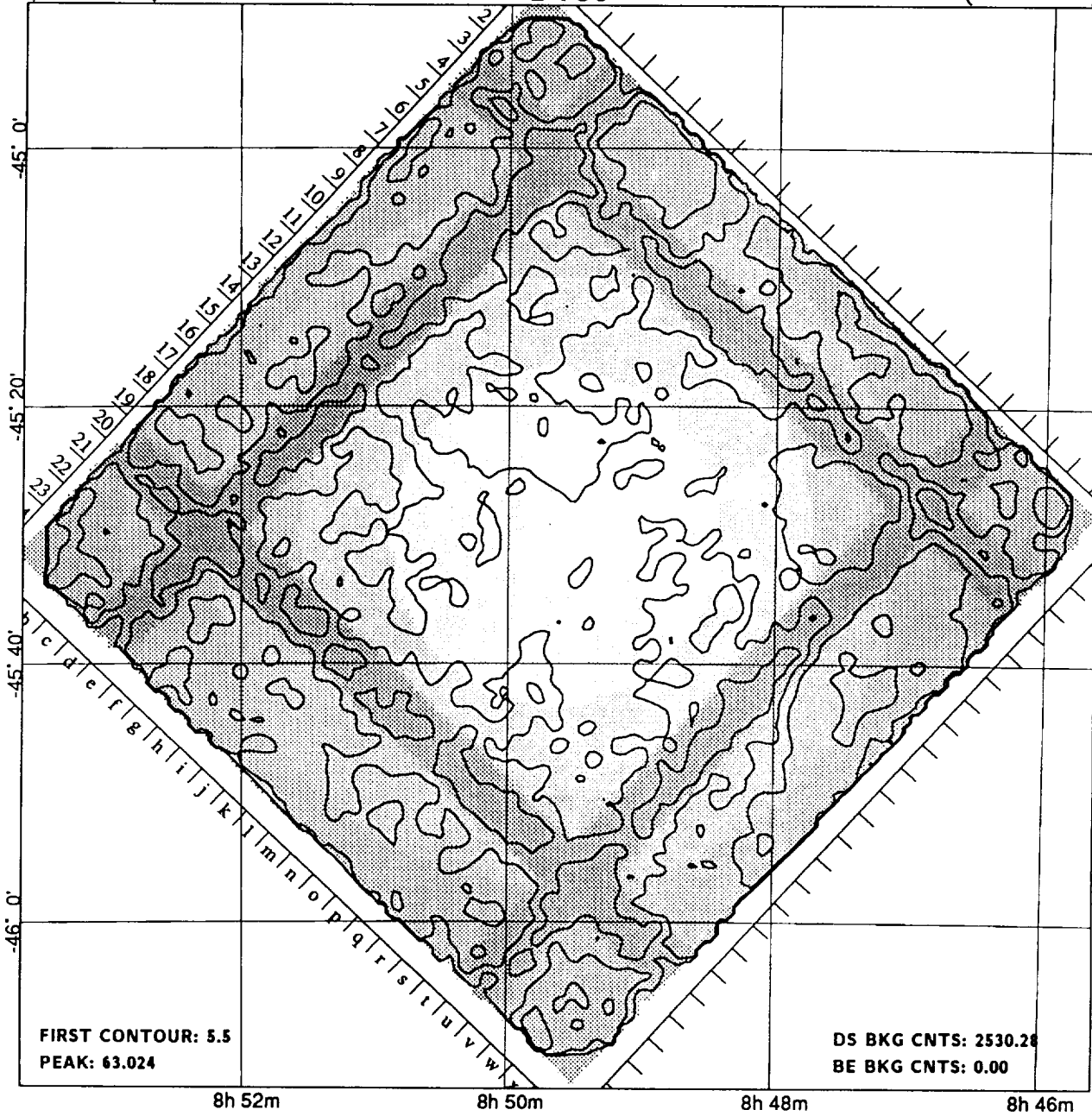
NH: $3.2E+20$
 REF/ID: !
 FIELD FLAGS:

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	

(8h 49m)

I 730

(8h 49m)



FIRST CONTOUR: 5.5
PEAK: 63.024

DS BKG CNTS: 2530.24
BE BKG CNTS: 0.00

VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 49^m 38.0^s$ $-45^\circ 30' 59''$ (B1950)
 $08^h 51^m 21.5^s$ $-45^\circ 42' 18''$ (J2000)
 $l: 265.70$ $b: -0.91$

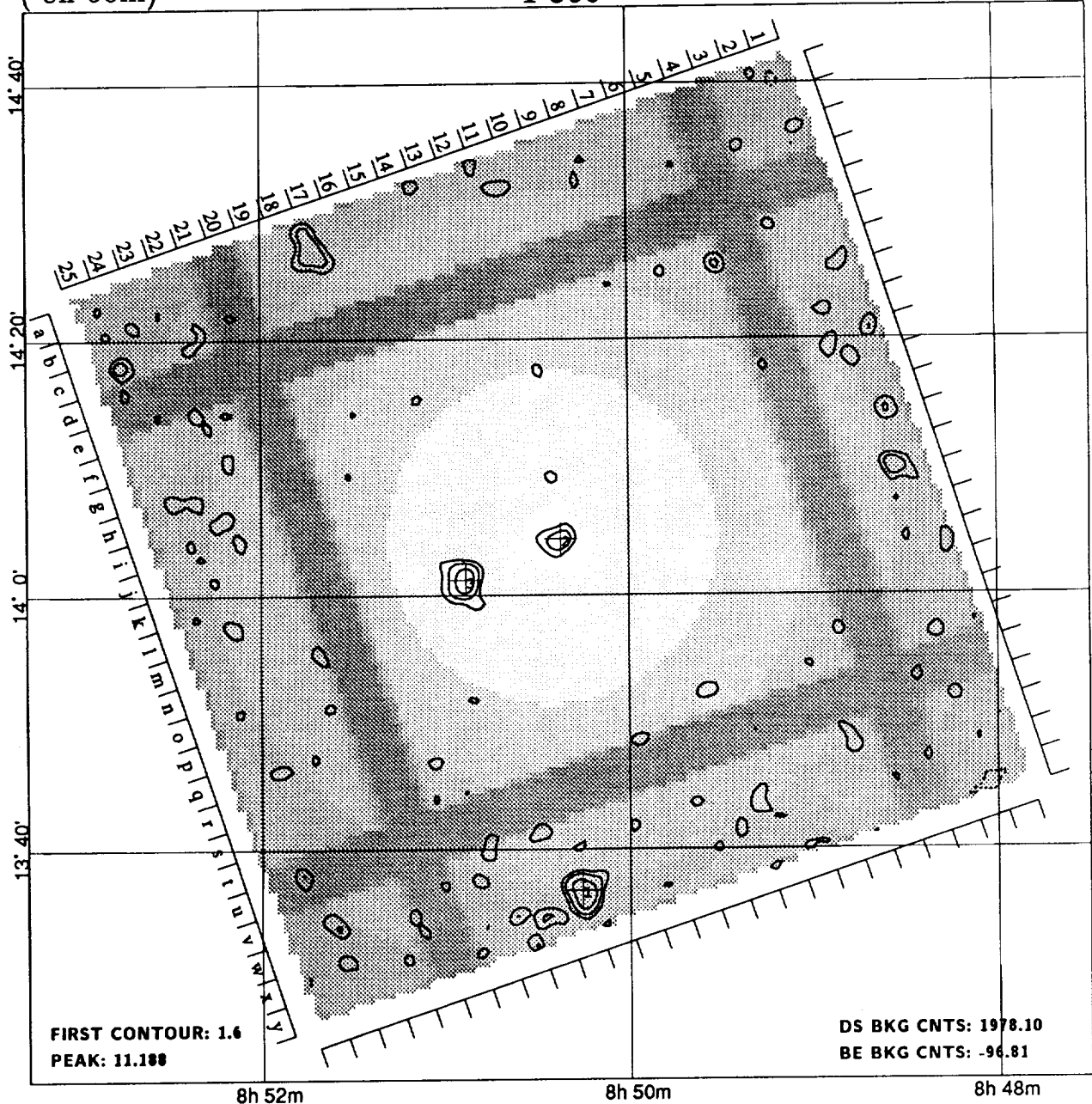
DATE: 1979/172 - 1979/172
LIVETIME: 2050.4s
ROLL ANGLE: 42.9°

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

(8h 50m)

I 500

(8h 50m)



3CR 208 (QSO 0850+140) QUASAR SURVEY

FIELD CENTER: $08^h 50^m 22.8^s$ $14^\circ 03' 57''$ (B1950)
 $08^h 53^m 08.7^s$ $13^\circ 52' 35''$ (J2000)
 $l: 213.67$ $b: 33.16$

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

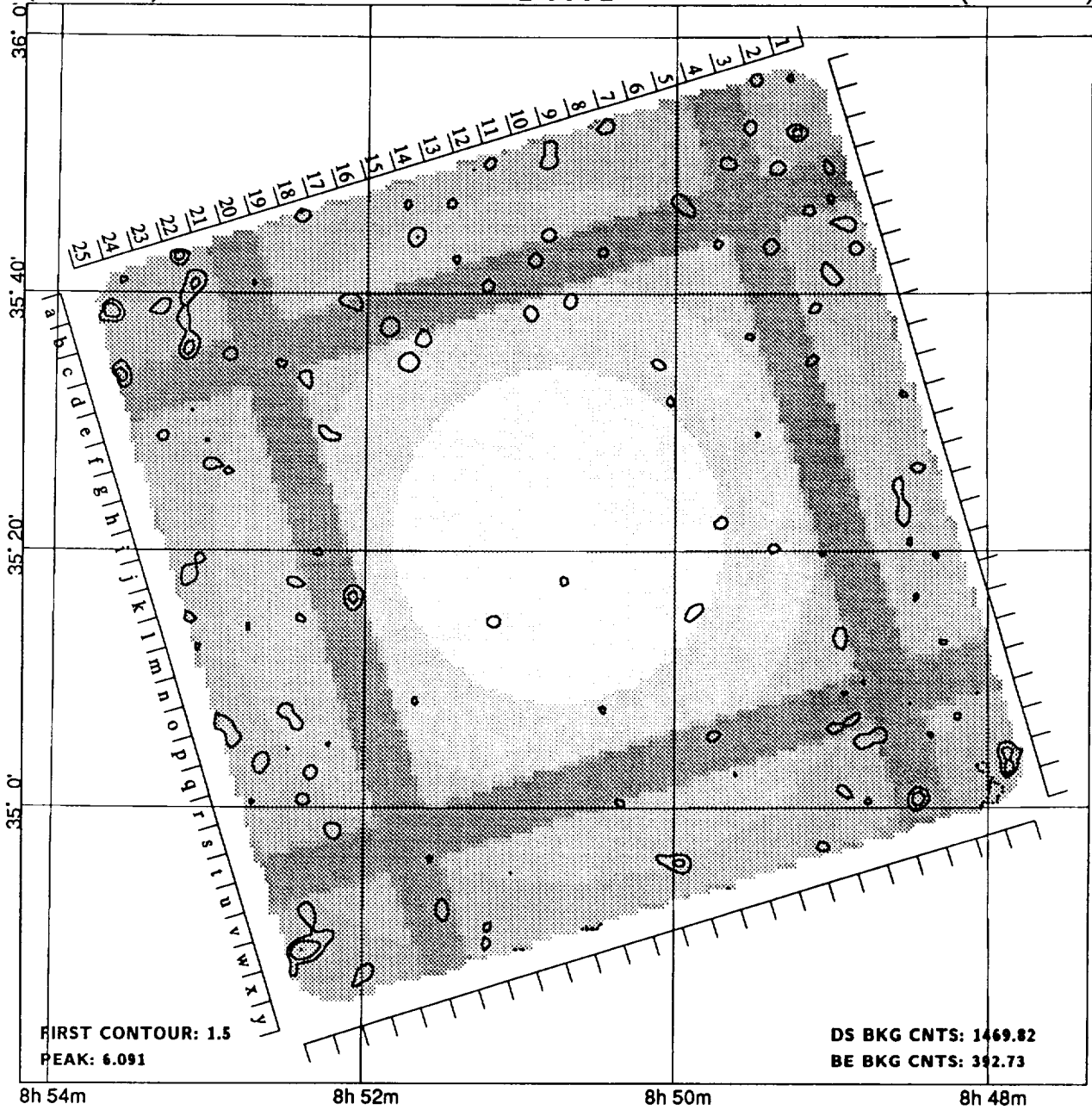
NH: $3.5E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(8h 50m)

I 7771

(8h 50m)



VV 243, KNOTS IN IRREGULAR GALAXIES

FIELD CENTER: $08^h 50^m 46.3^s$ $35^\circ 20' 26''$ (B1950)
 $08^h 53^m 54.5^s$ $35^\circ 09' 02''$ (J2000)
 $l: 188.31$ $b: 39.28$

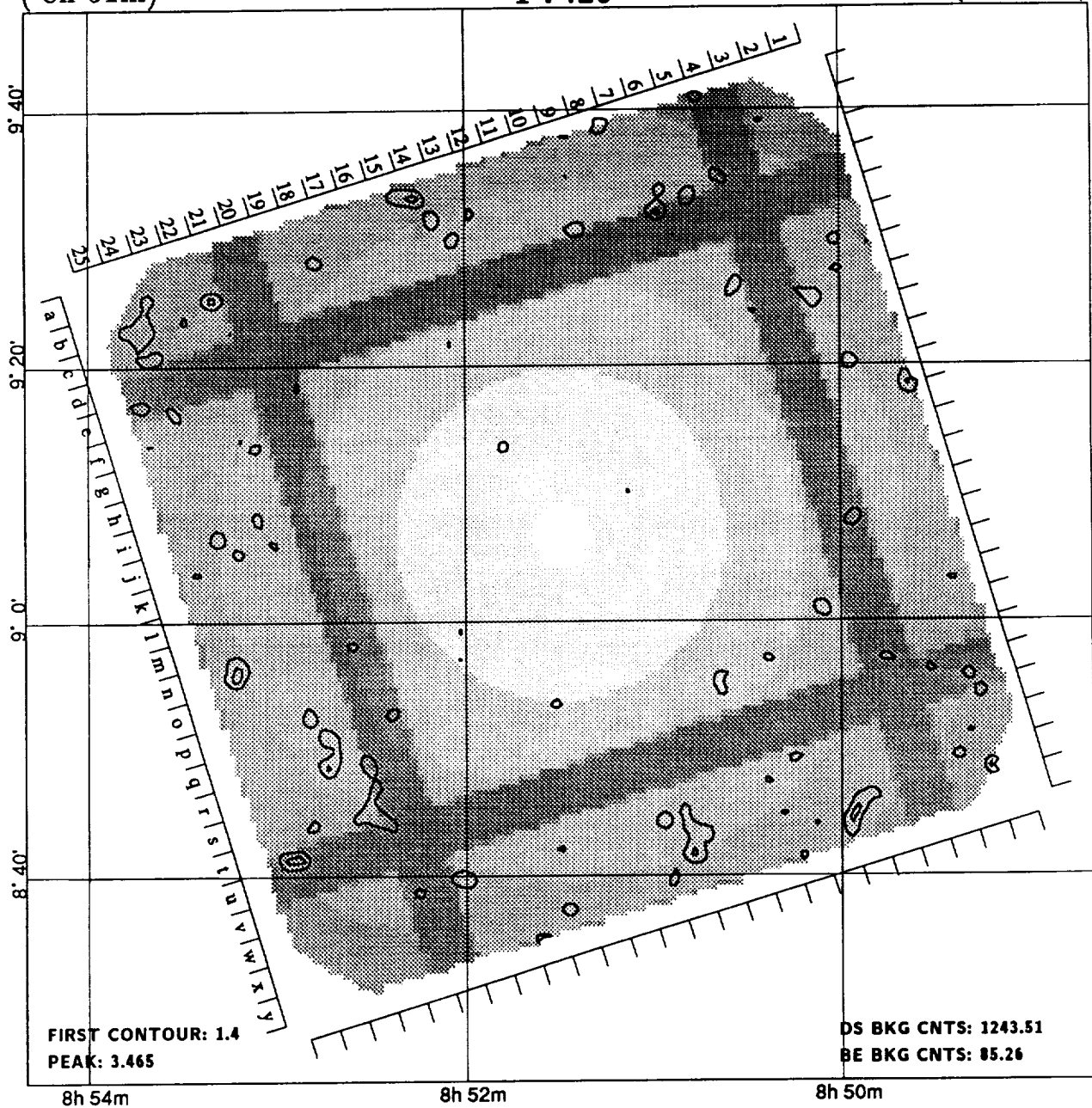
DATE: 1980/114 - 1980/114
 LIVETIME: 1233.8s
 ROLL ANGLE: 73.0°

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

(8h 51m)

I 7426

(8h 51m)



A 31, HOT PLANETARY NEBULA NUCLEUS

FIELD CENTER: $08^h 51^m 30.0^s$ $09^\circ 05' 59''$ (B1950)
 $08^h 54^m 11.4^s$ $08^\circ 54' 33''$ (J2000)
 $l: 219.12$ $b: 31.29$

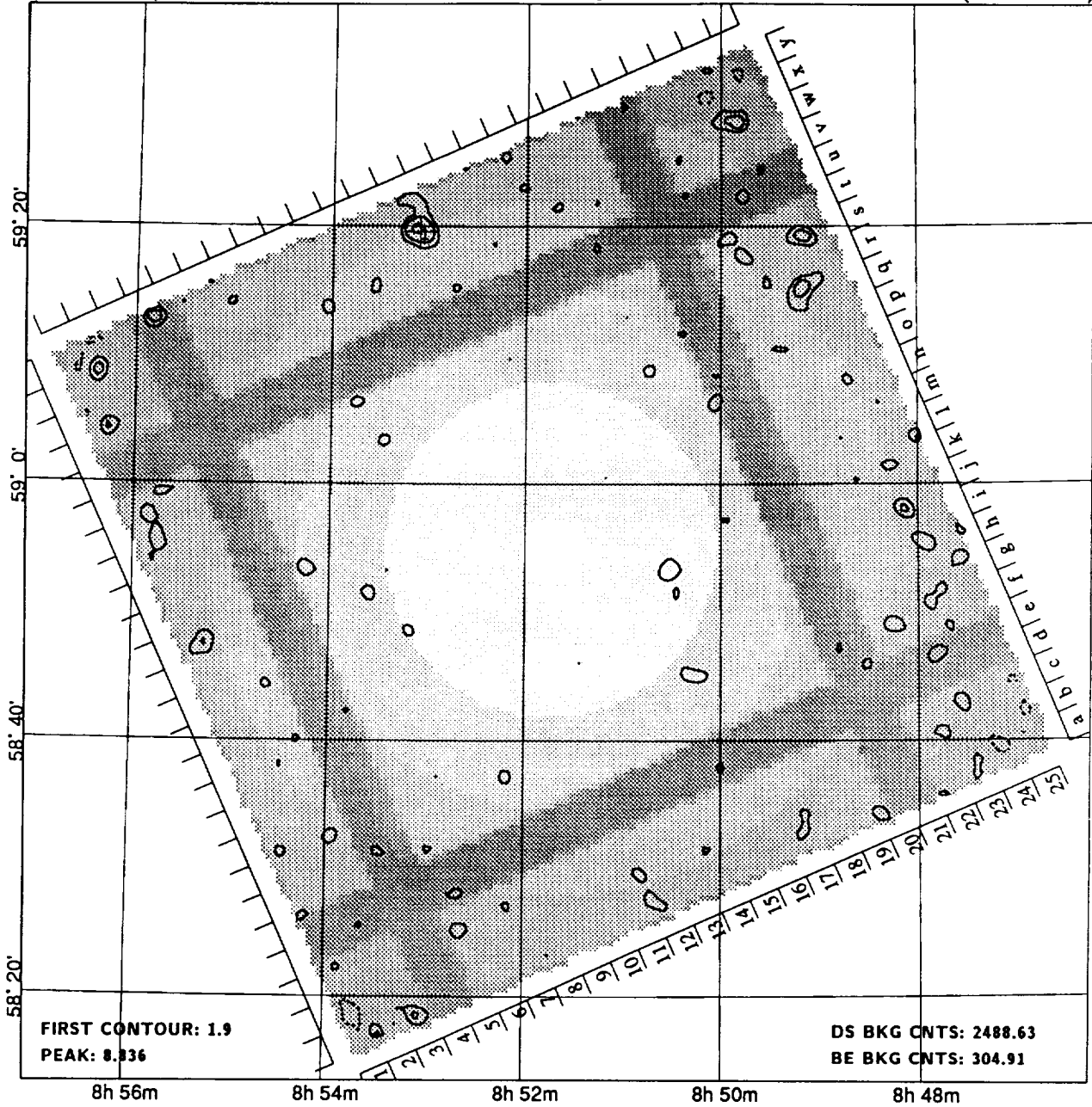
DATE: 1980/130 - 1980/130
 LIVETIME: 1043.8s
 ROLL ANGLE: 73.1°

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

(8h 51m)

I 415

(8h 51m)



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°

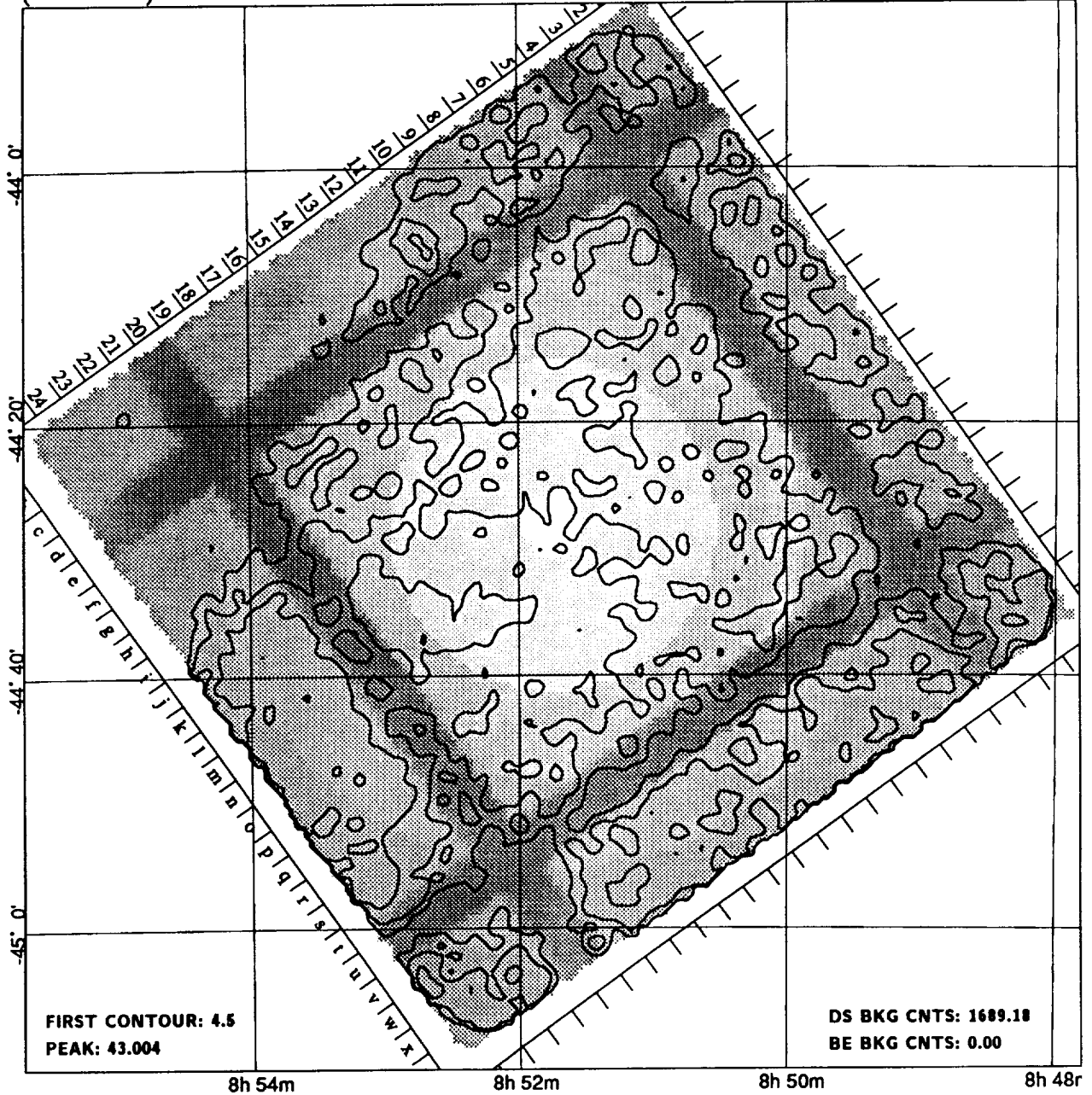
NH: 4.2E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
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	

(8h 51m)

I 724

(8h 51m)

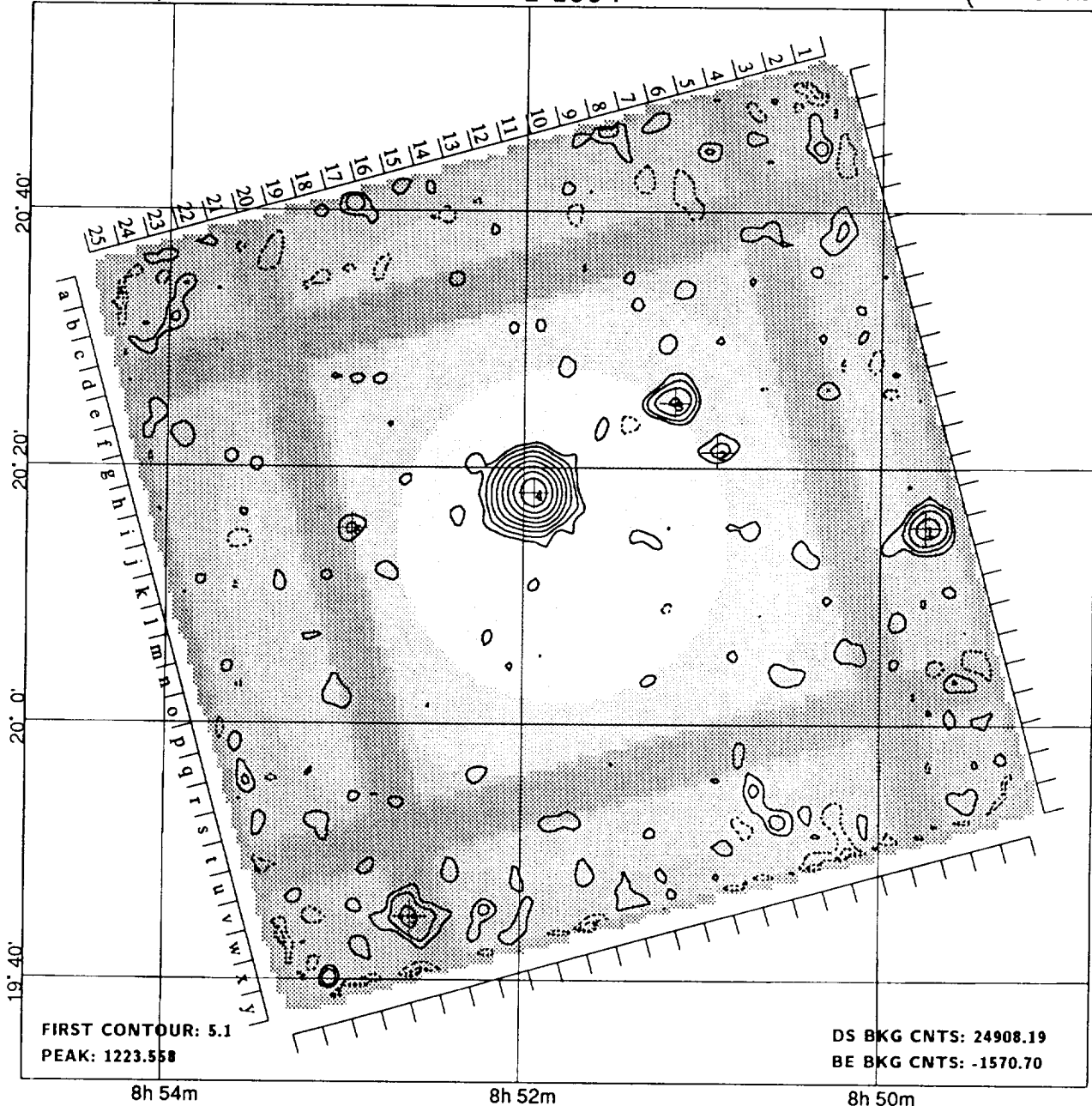


VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 51^m 45.0^s$ $-44^\circ 28' 59''$ (B1950)
 $08^h 53^m 30.7^s$ $-44^\circ 40' 25''$ (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°

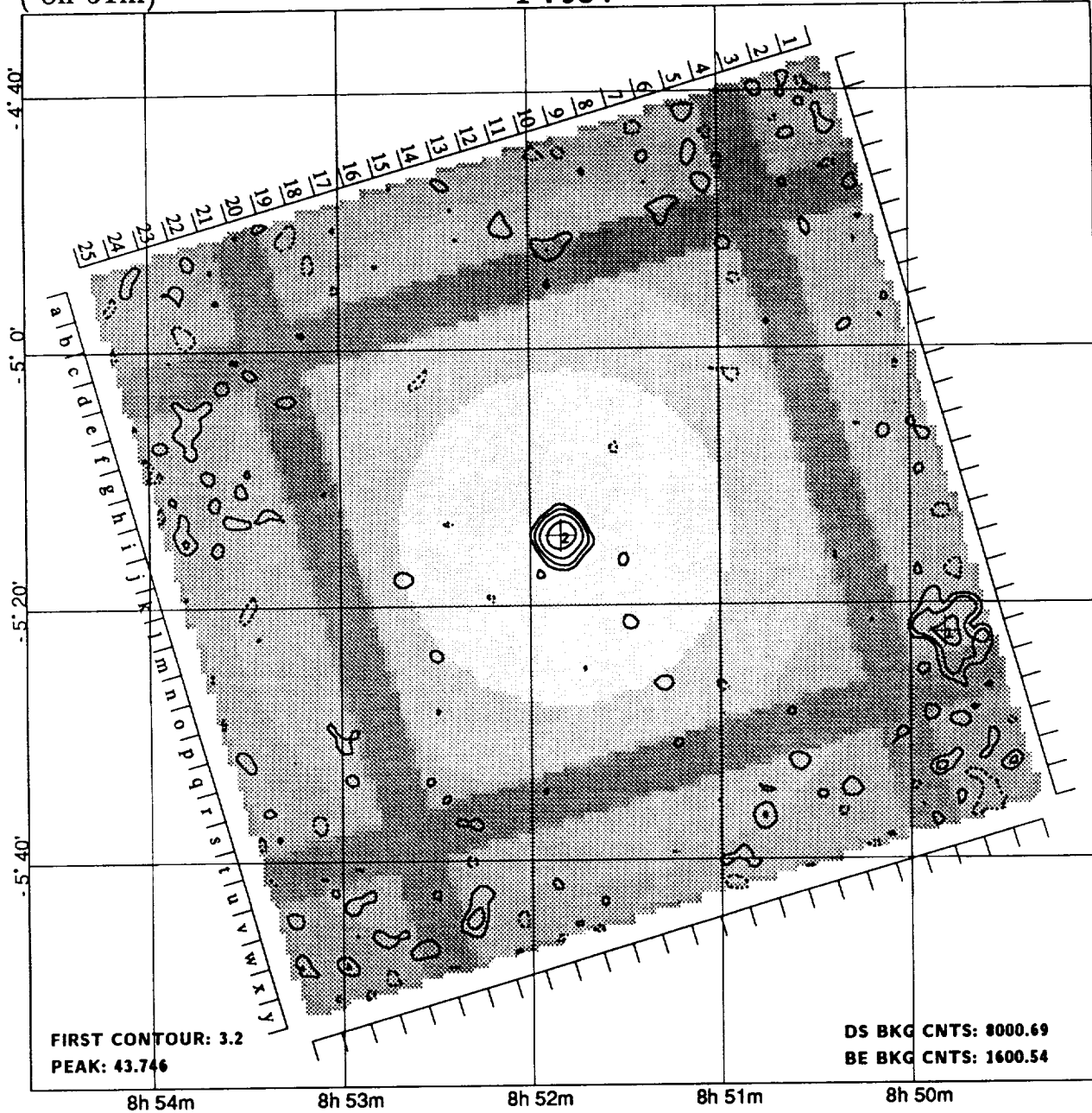
NH: 3.0E+20
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC	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	H	
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	H	

(8h 51m)

I 7954

(8h 51m)



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°

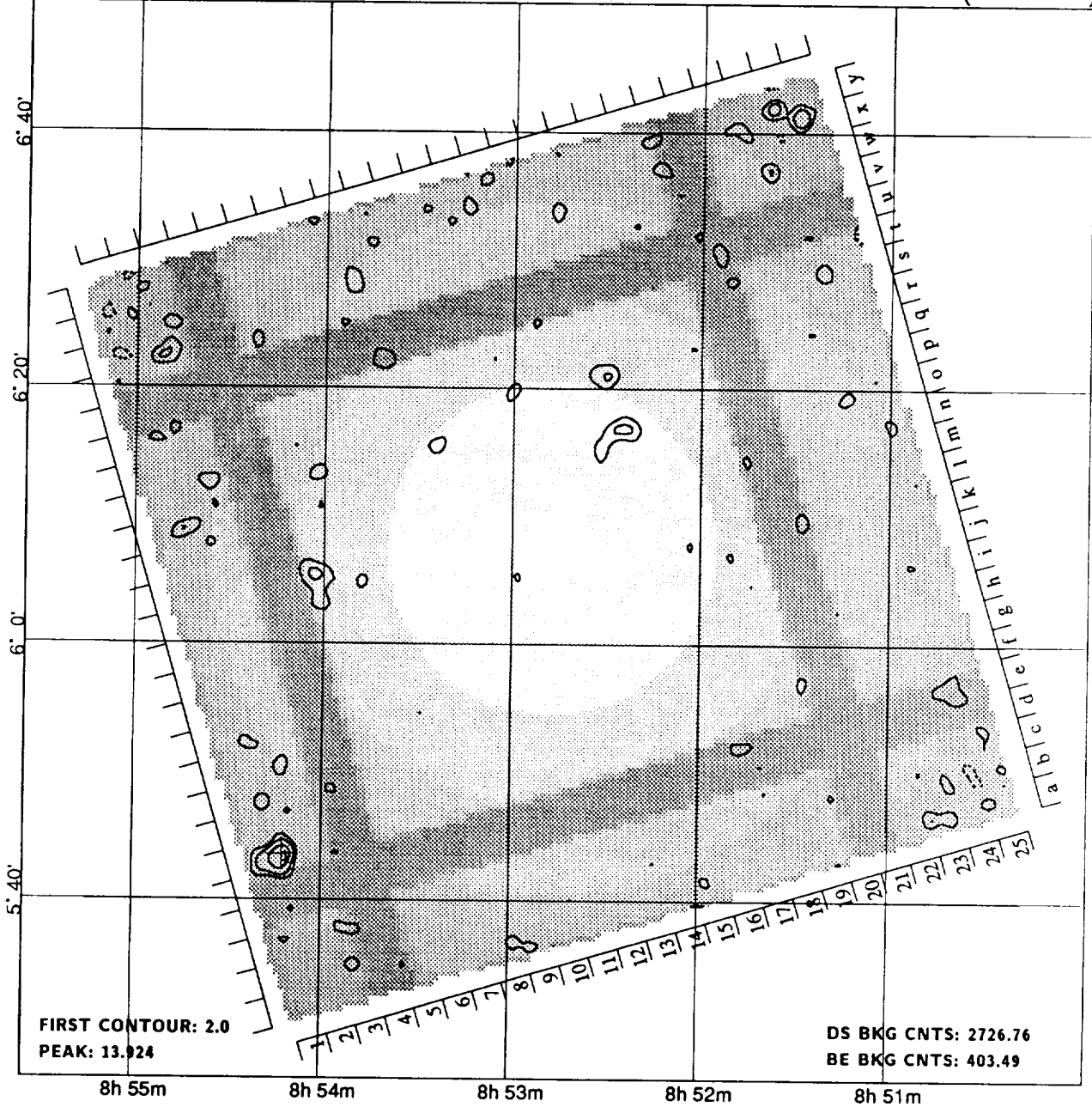
NH: 2.6E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(8h 52m)

I 5506

(8h 52m)



FIELD CENTER: $08^h 52^m 46.0^s$ $06^{\circ} 07' 59''$ (B1950)
 $08^h 55^m 24.8^s$ $05^{\circ} 56' 29''$ (J2000)
 $l: 222.35$ $b: 30.20$

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

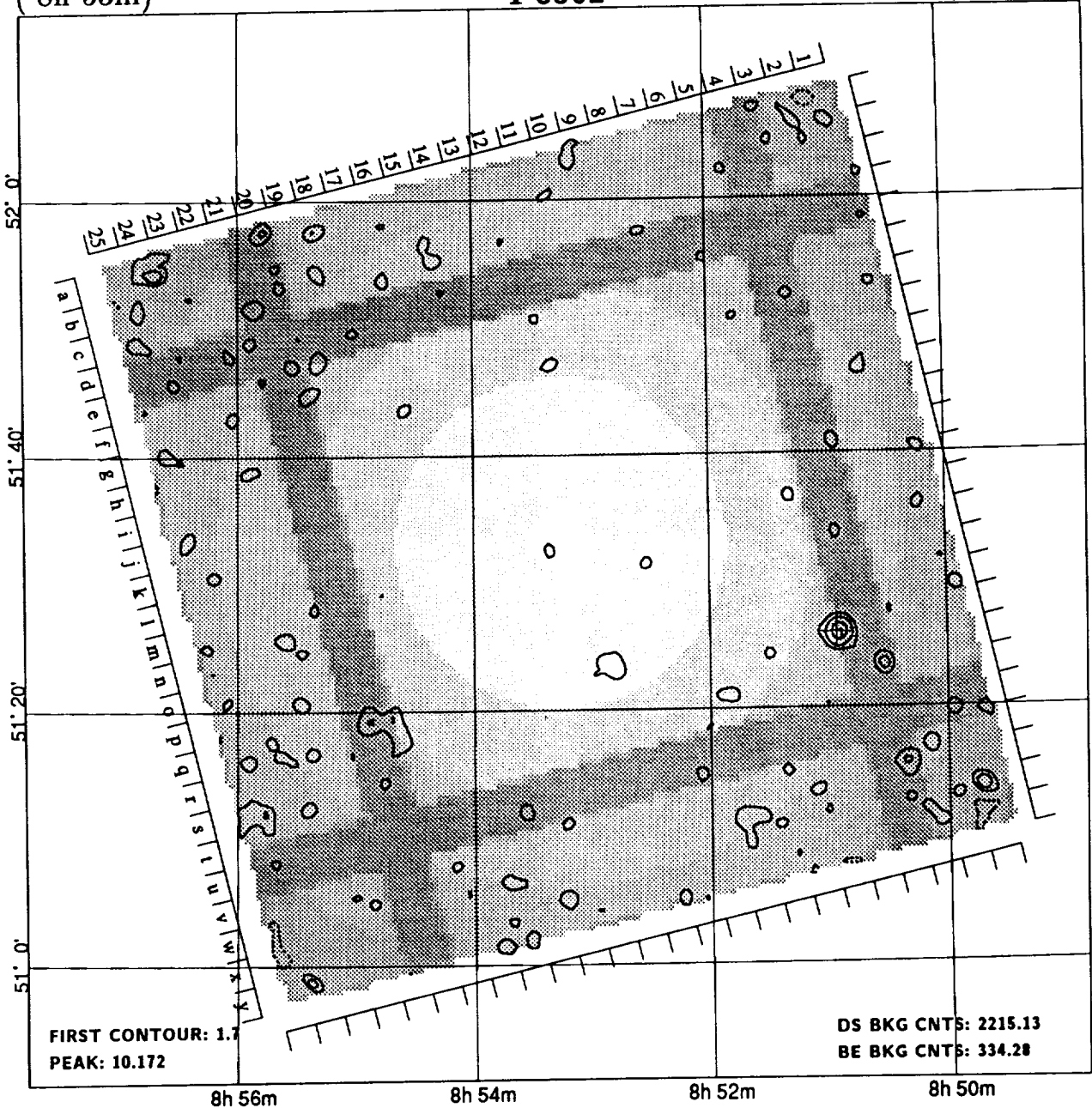
NH: $4.3E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(8h 53m)

I 8362

(8h 53m)



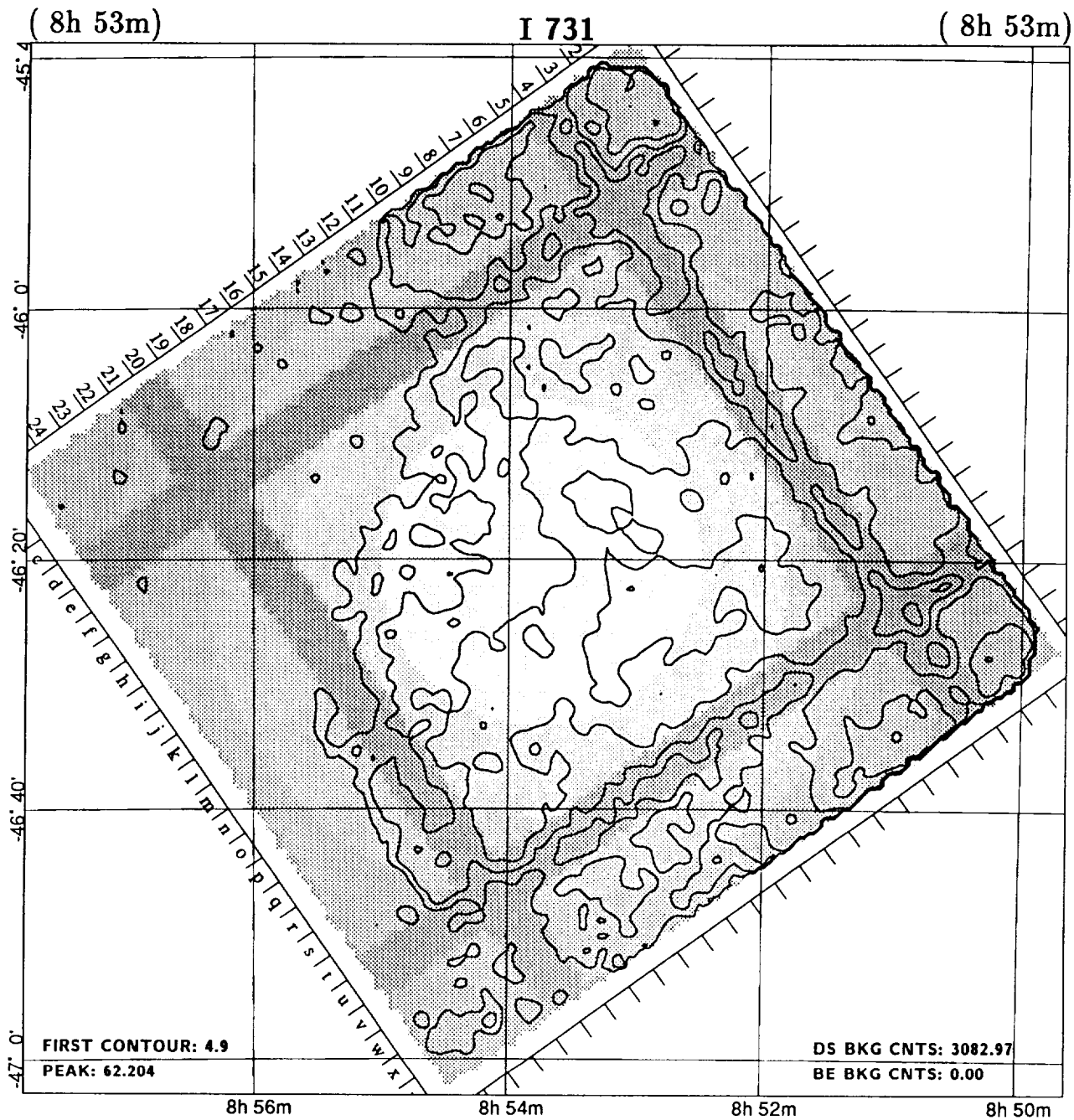
N 2693, ELLIPTICAL GALAXIES W/LARGE VELOCITY DISPERSIONS

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 ID FLG
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



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 53^m 43.0^s$ $-46^\circ 20' 59''$ (B1950)
 $08^h 55^m 25.8^s$ $-46^\circ 32' 31''$ (J2000)
 $l: 266.80$ $b: -0.90$

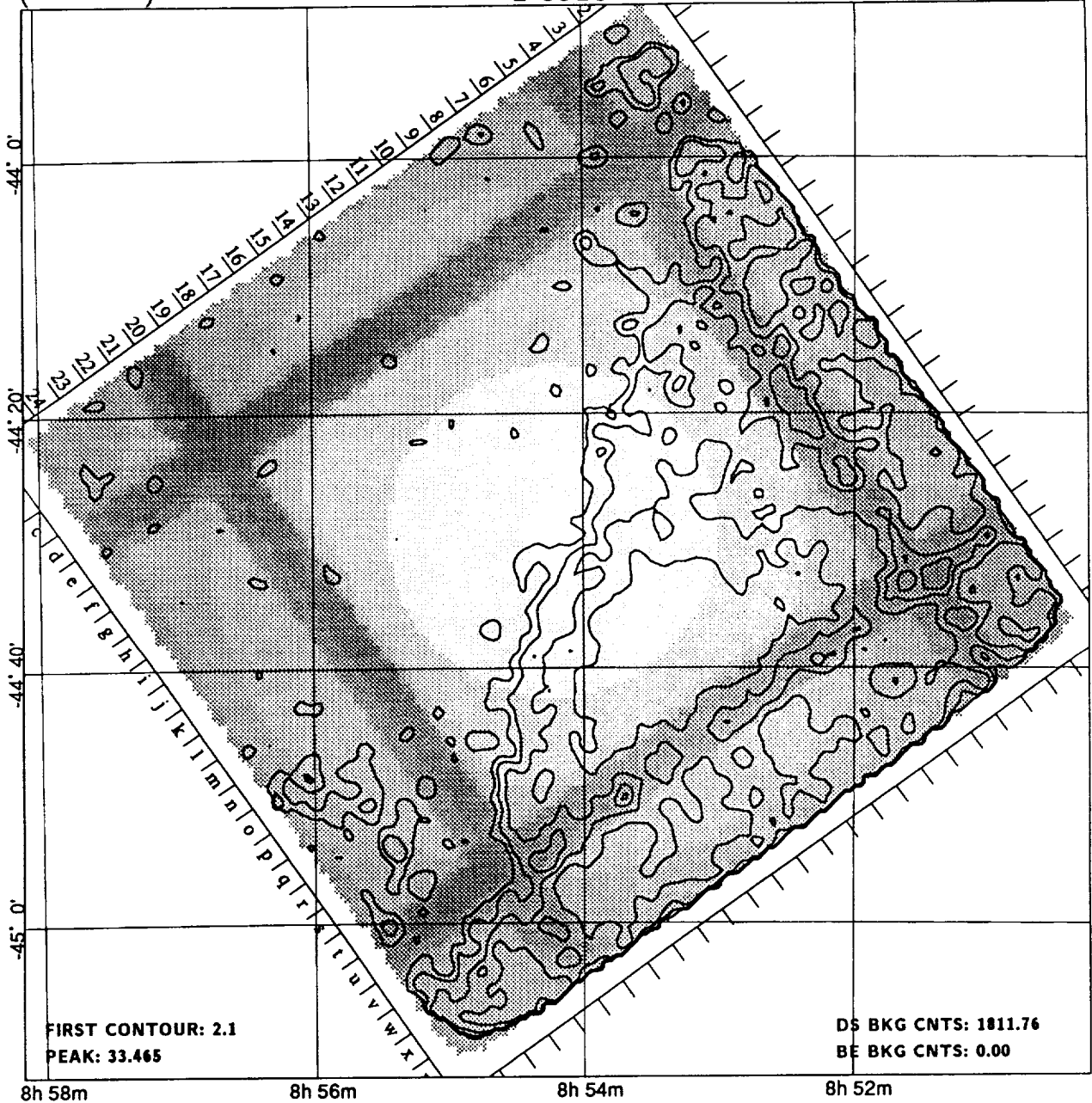
DATE: 1980/155 - 1980/155
LIVETIME: 2498.3s
ROLL ANGLE: 54.7°

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

(8h 54m)

I 6913

(8h 54m)



FIRST CONTOUR: 2.1
 PEAK: 33.465

DS BKG CNTS: 1811.76
 BE BKG CNTS: 0.00

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

FIELD CENTER: $08^h 54^m 12.0^s$ $-44^\circ 29' 59''$ (B1950)
 $08^h 55^m 58.1^s$ $-44^\circ 41' 33''$ (J2000)
 $l: 265.45$ $b: 0.37$

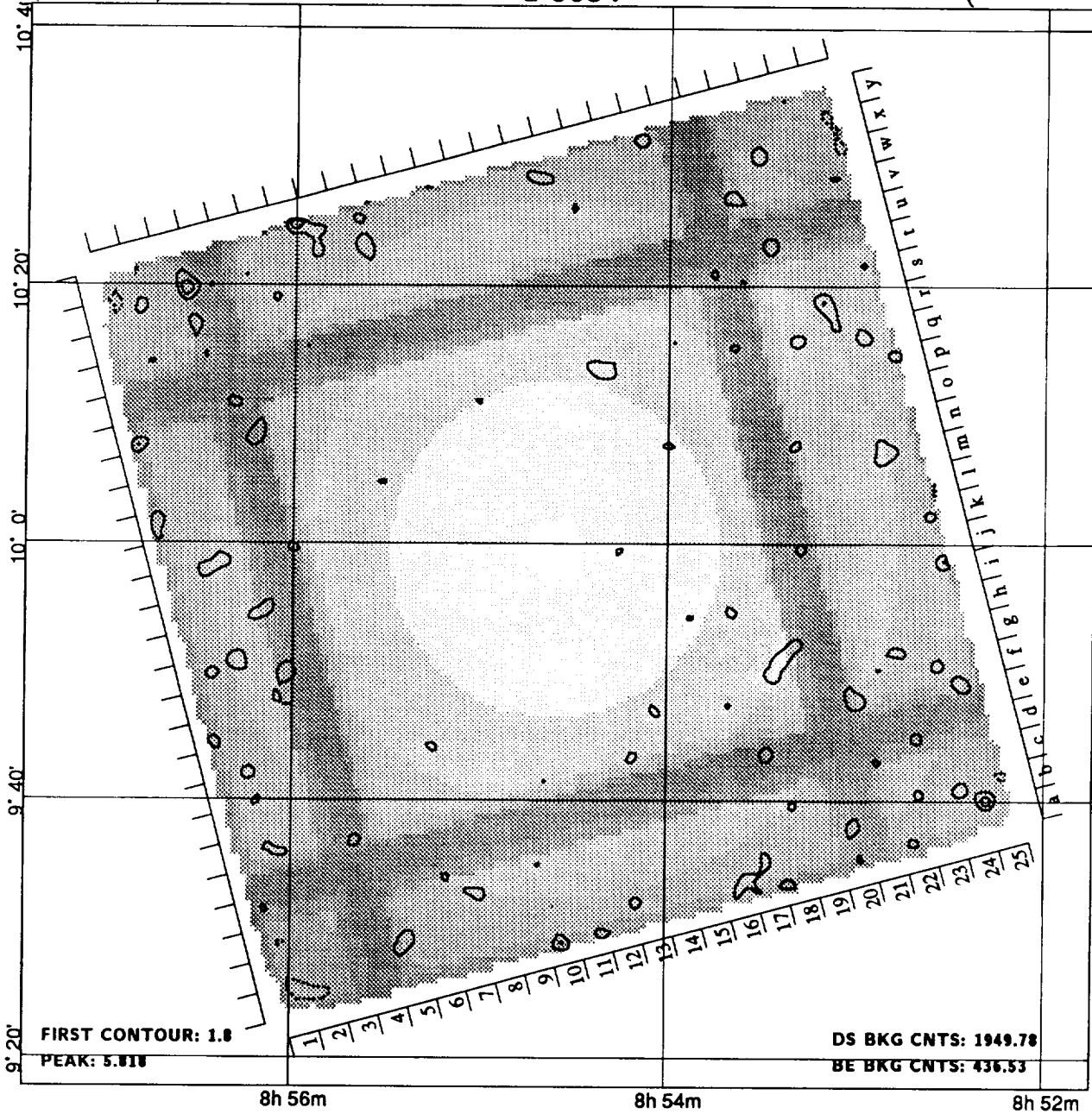
DATE: 1980/155 - 1980/155
 LIVETIME: 1468.1s
 ROLL ANGLE: 54.9°

NH: $5.5E+21$
 REF/ID: SNR
 FIELD FLAGS: LST

(8h 54m)

I 3034

(8h 54m)



4C09.32: HIGH REDSHIFT CLUSTERS OF GALAXIES

FIELD CENTER: 08^h54^m35.0^s 09°59'41" (B1950)
 08^h57^m17.1^s 09°48'06" (J2000)
 l : 218.57 b : 32.37

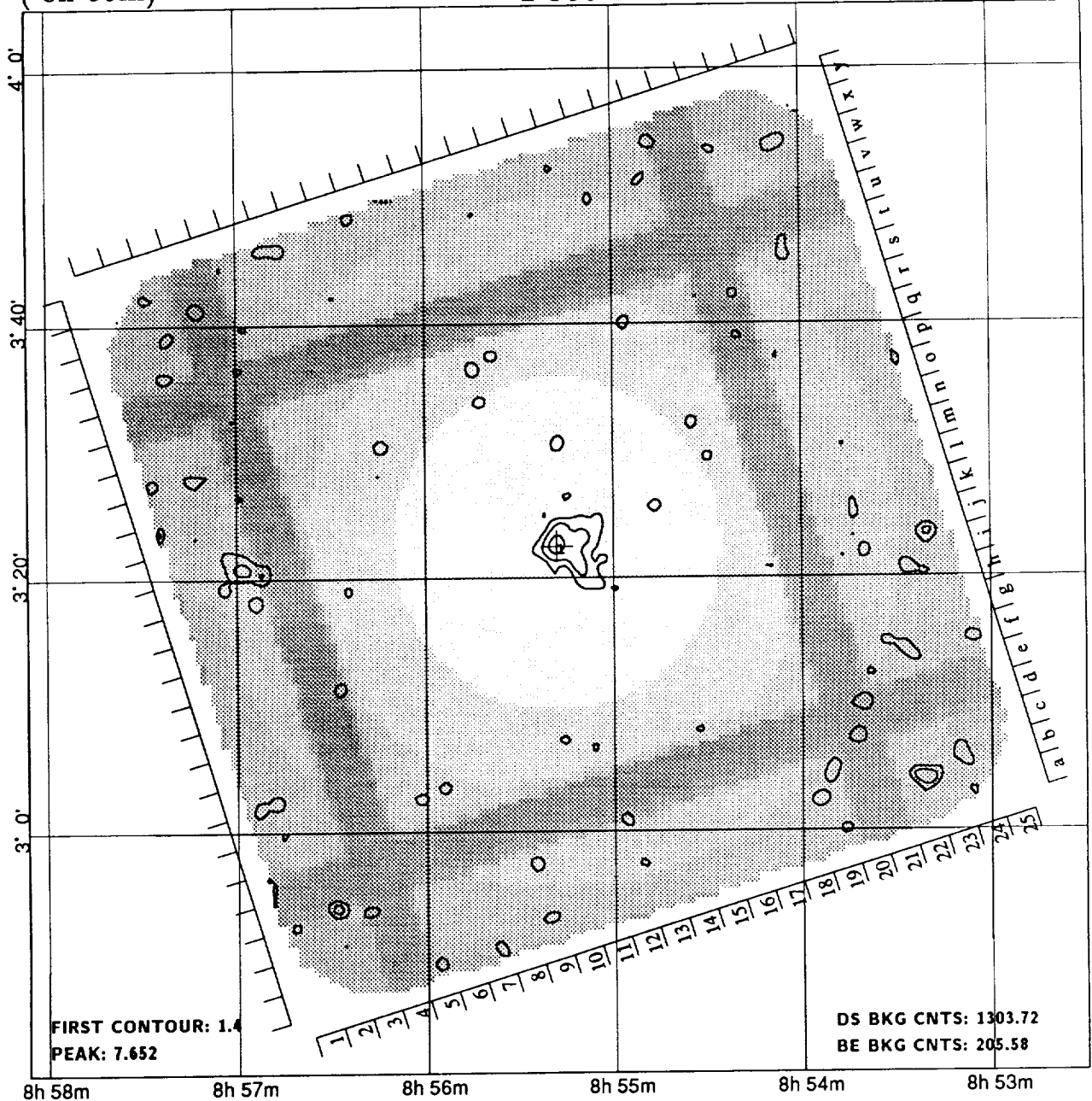
DATE: 1979/300 - 1979/300
 LIVETIME: 1580.0s
 ROLL ANGLE: -104.9°

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

(8h 55m)

I 306

(8h 55m)



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°

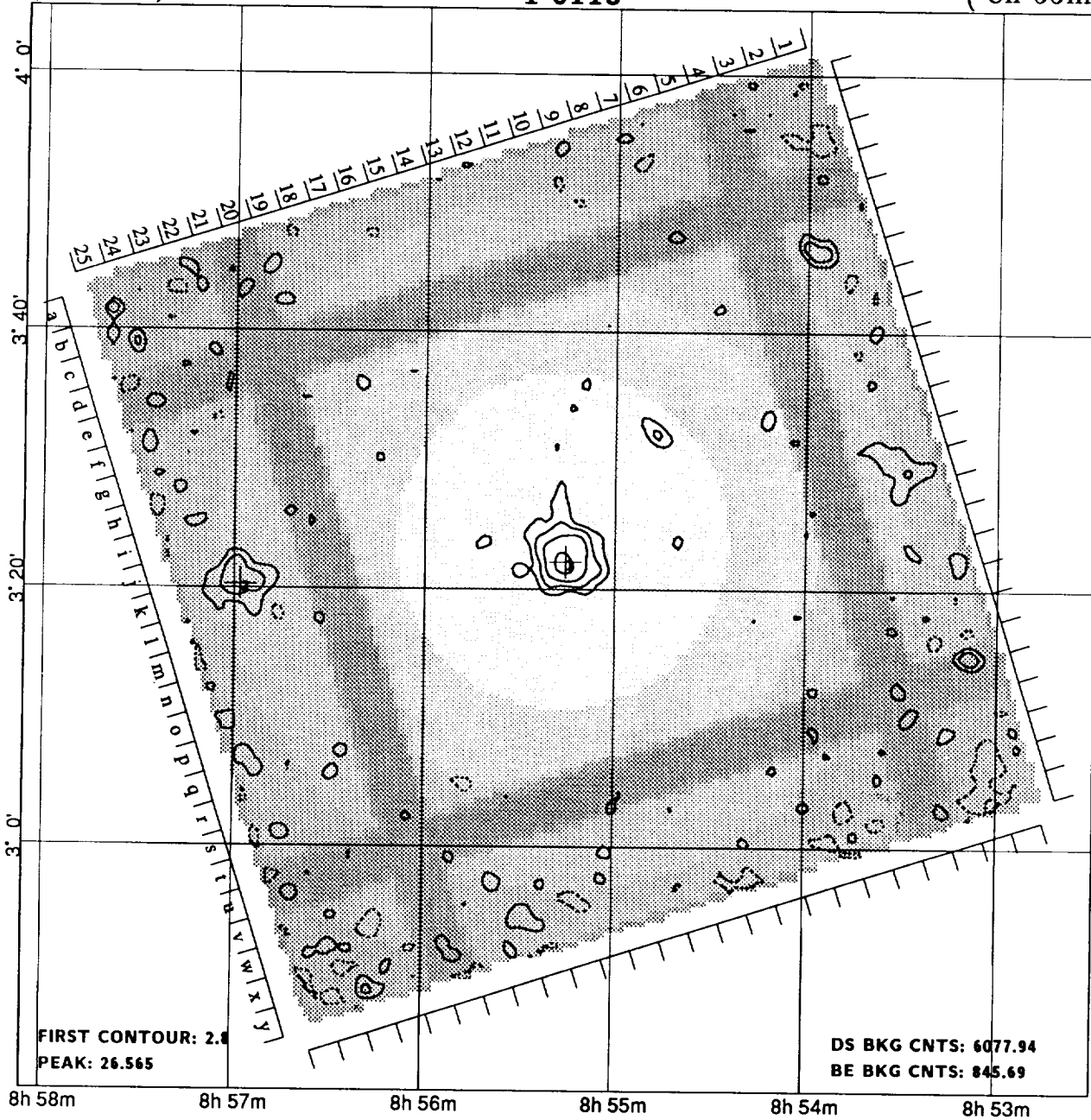
NH: 3.9E+20
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID CLG
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

(8h 55m)

I 6118

(8h 55m)



A 732.DETAILED STUDY OF NEARBY CLUSTERS

FIELD CENTER: $08^h 55^m 18.0^s$ $03^{\circ} 22' 59''$ (B1950)
 $08^h 57^m 54.5^s$ $03^{\circ} 11' 21''$ (J2000)
 $l: 225.47$ $b: 29.42$

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

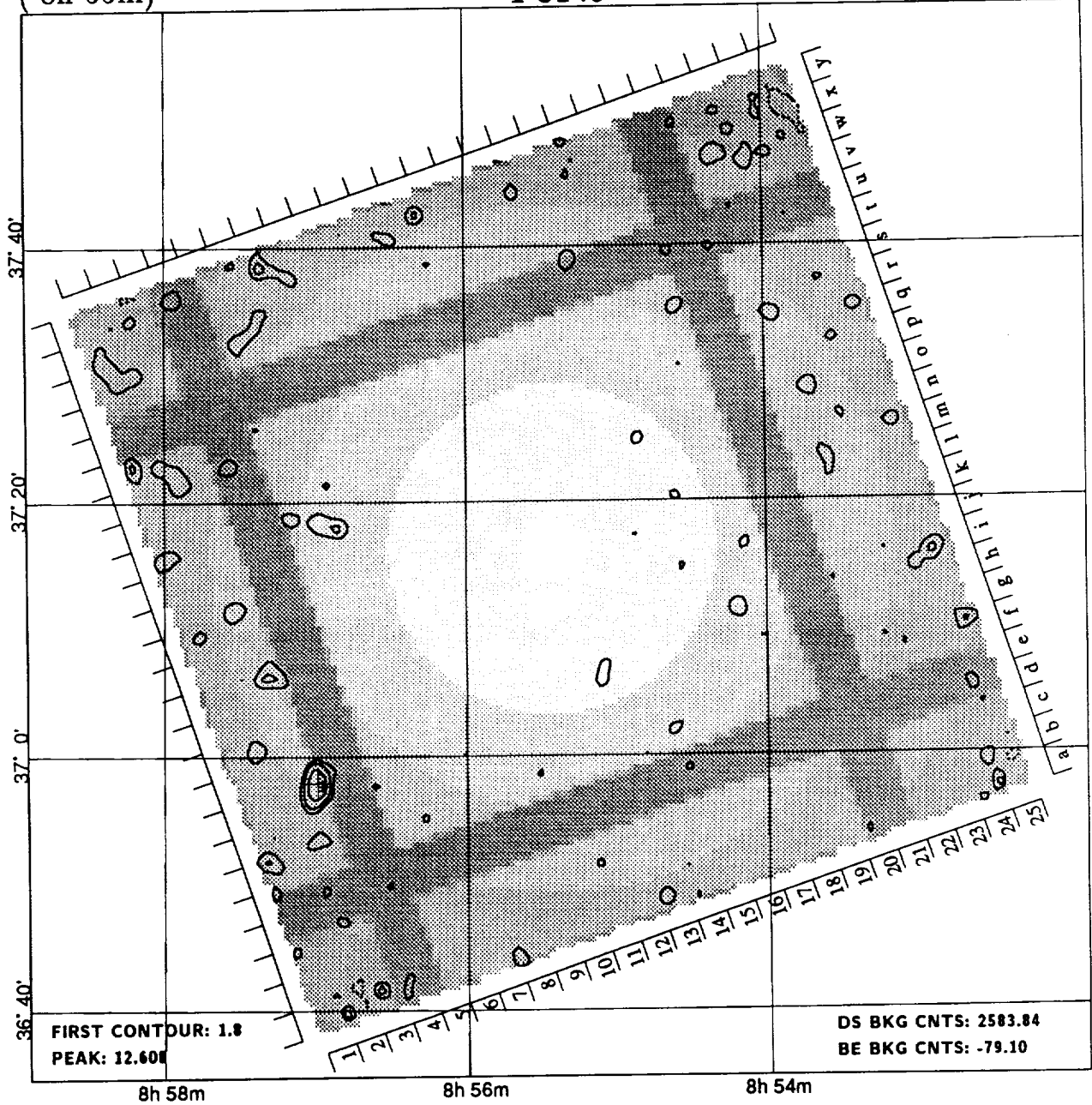
NH: $3.9E+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(8h 55m)

I 3149

(8h 55m)



RING GALAXIES SURVEY: II HZ 4

FIELD CENTER: $08^h 55^m 23.5^s$ $37^\circ 16' 46''$ (B1950)
 $08^h 58^m 33.5^s$ $37^\circ 05' 07''$ (J2000)
 $l: 185.96$ $b: 40.46$

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

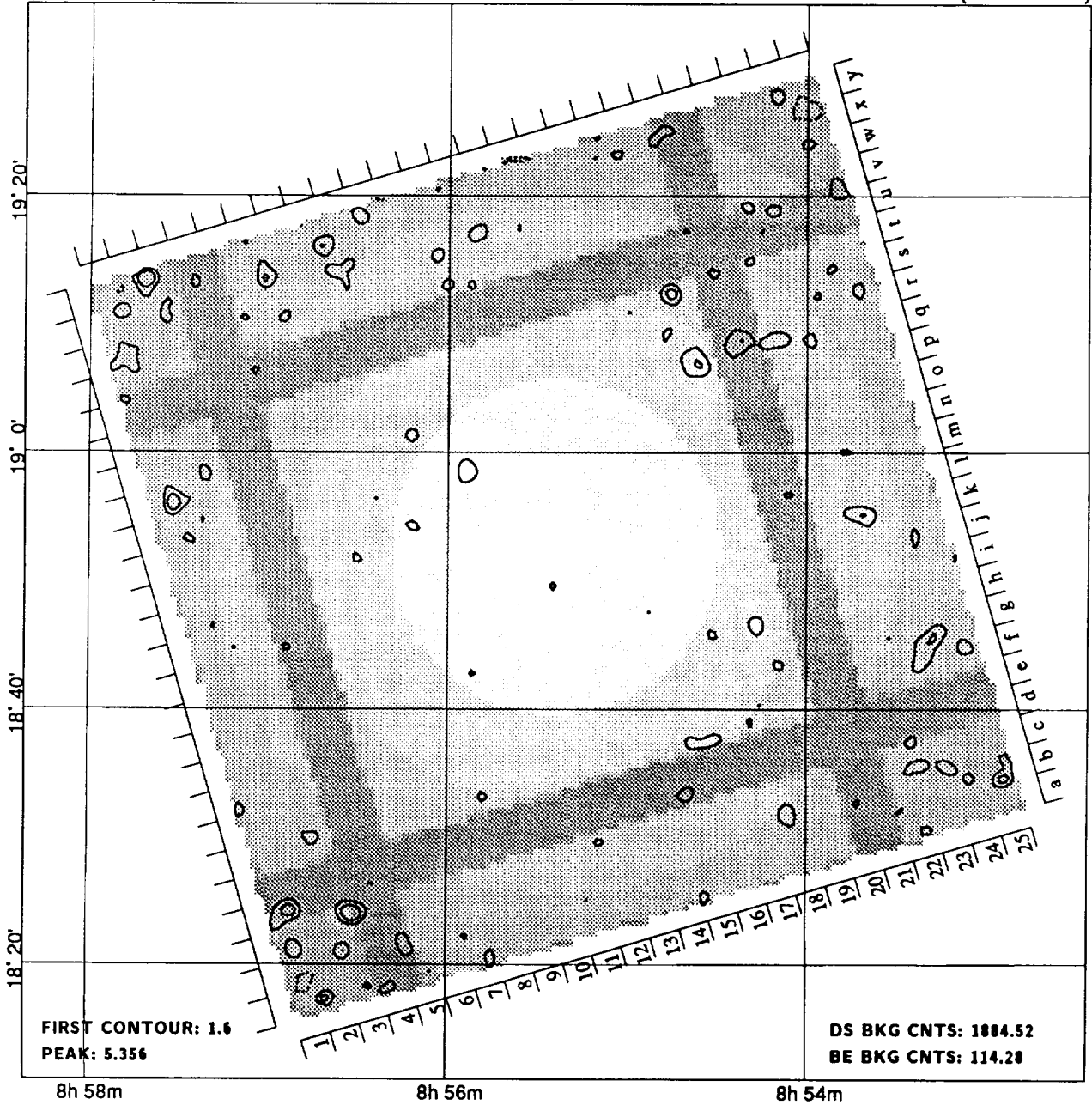
NH: $3.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
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	

(8h 55m)

I 2027

(8h 55m)



5 QSO'S: STUDY, QUASARS

FIELD CENTER: $08^h 55^m 24.0^s$ $18^\circ 52' 59''$ (B1950)
 $08^h 58^m 14.0^s$ $18^\circ 41' 21''$ (J2000)
 $l: 208.80$ $b: 36.09$

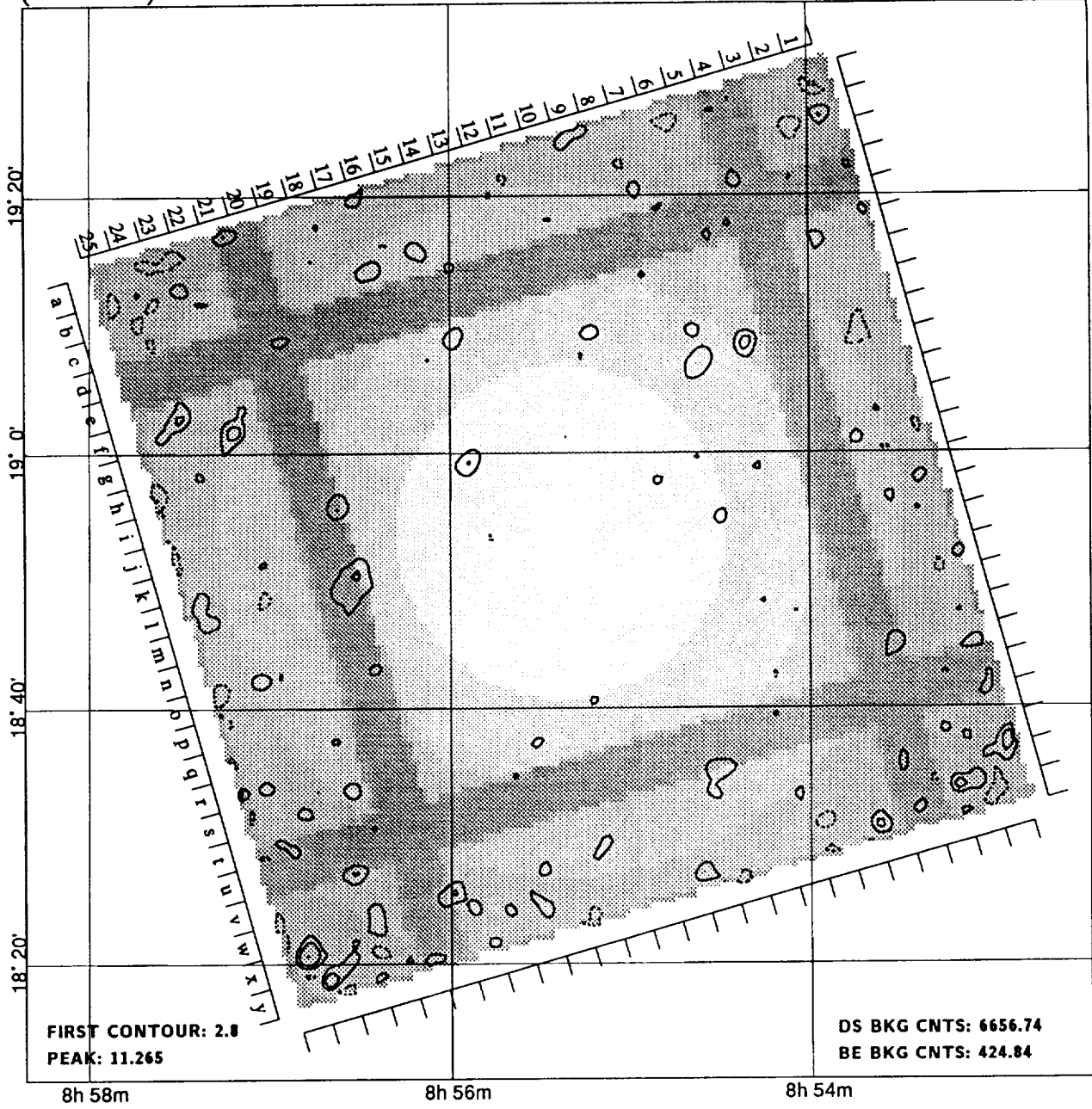
DATE: 1979/295 - 1979/295
 LIVETIME: 1527.1s
 ROLL ANGLE: -106.4°

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

(8h 55m)

I 2028

(8h 55m)



FIRST CONTOUR: 2.8
 PEAK: 11.265

DS BKG CNTS: 6656.74
 BE BKG CNTS: 424.84

8h 58m

8h 56m

8h 54m

5 QSO'S: STUDY, QUASARS

FIELD CENTER: $08^h 55^m 24.0^s$ $18^\circ 52' 59''$ (B1950)
 $08^h 58^m 14.0^s$ $18^\circ 41' 21''$ (J2000)
 $l: 208.80$ $b: 36.09$

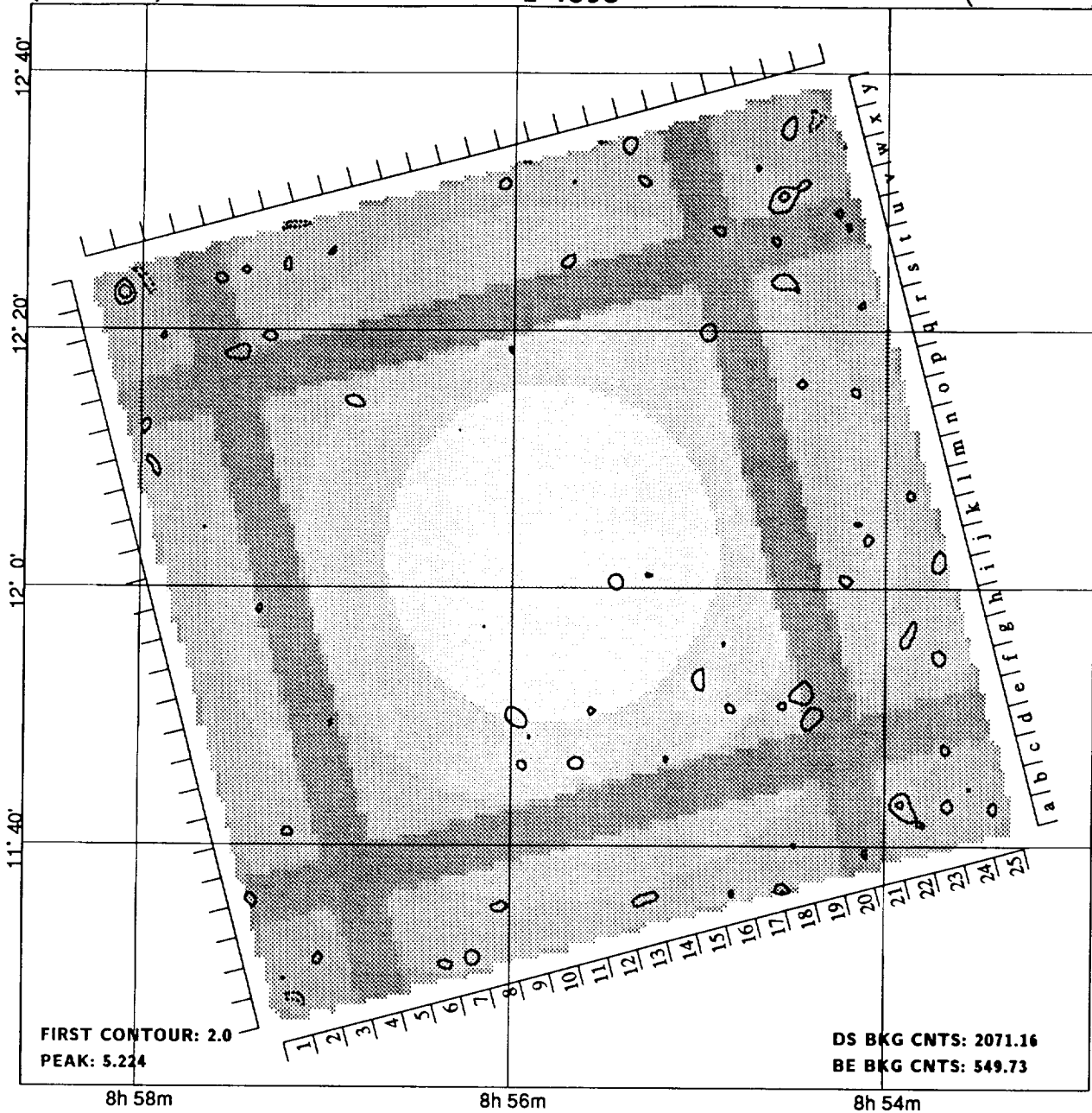
DATE: 1980/135 - 1980/135
 LIVETIME: 5394.1s
 ROLL ANGLE: 74.2°

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

(8h 55m)

I 4895

(8h 55m)



STAR ALPHA CNC (HD 76756),AP STARS

FIELD CENTER: $08^h 55^m 45.3^s$ $12^\circ 03' 10''$ (B1950)
 $08^h 58^m 29.1^s$ $11^\circ 51' 31''$ (J2000)
 $l: 216.51$ $b: 33.52$

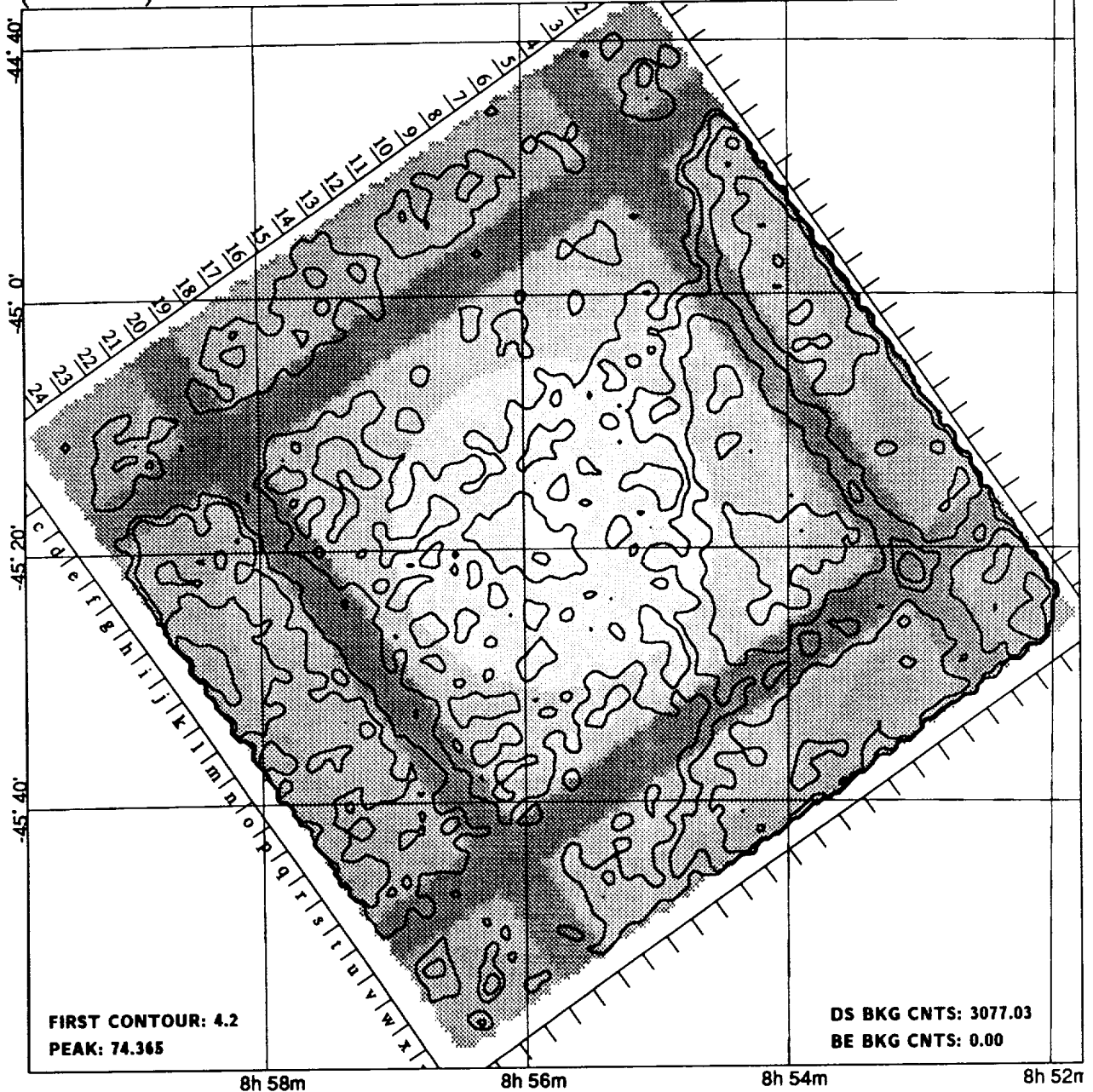
DATE: 1979/294 - 1979/294
LIVETIME: 1678.3s
ROLL ANGLE: -104.8°

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

(8h 55m)

I 725

(8h 55m)



VELA X SNR X-RAY STUDY

FIELD CENTER: $08^h 55^m 47.0^s$ $-45^\circ 18' 59''$ (B1950)
 $08^h 57^m 32.1^s$ $-45^\circ 30' 38''$ (J2000)
 $l: 266.25$ $b: 0.05$

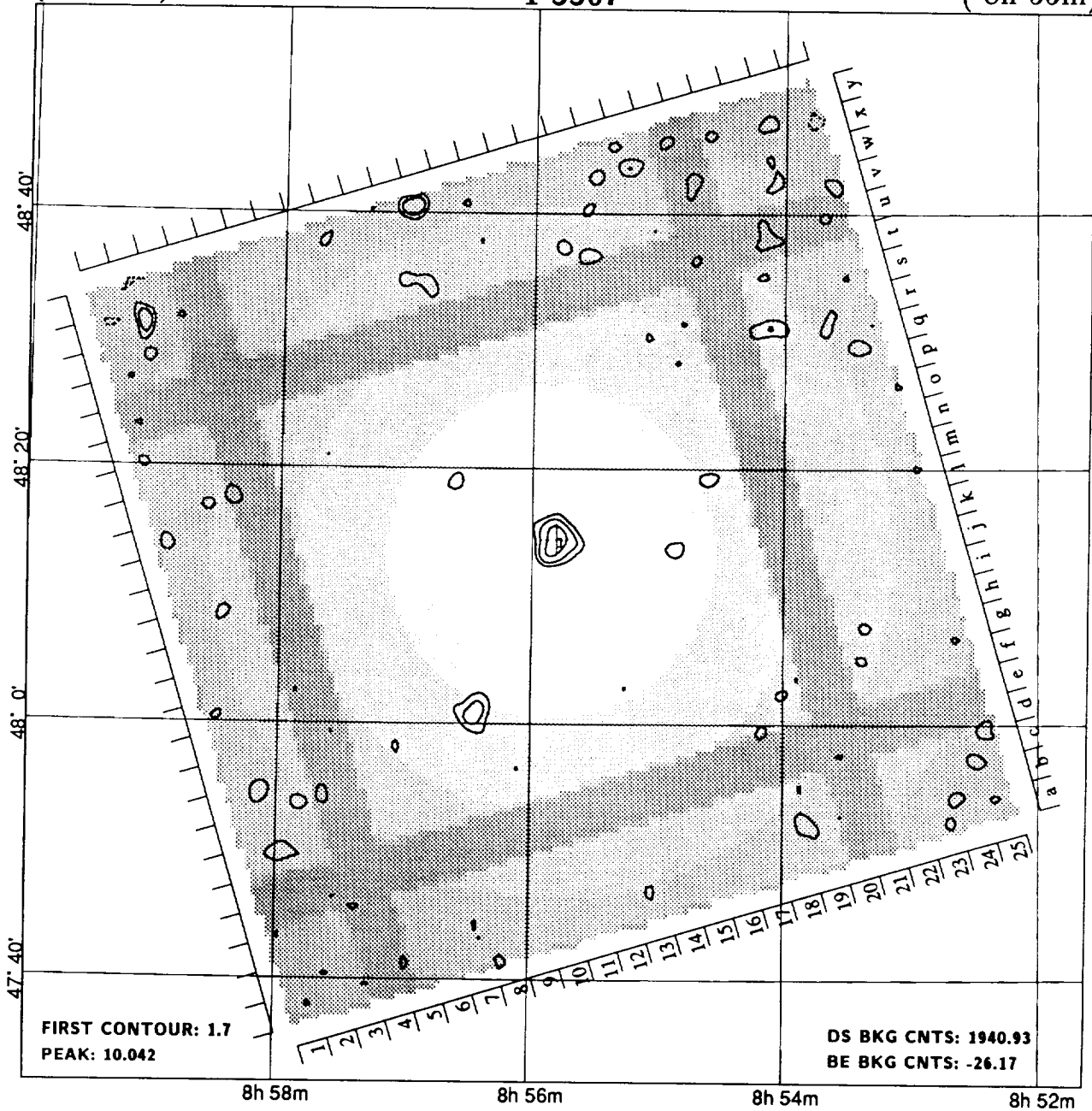
DATE: 1980/155 - 1980/155
LIVETIME: 2493.4s
ROLL ANGLE: 55.1°

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

(8h 55m)

I 5507

(8h 55m)



FIRST CONTOUR: 1.7
PEAK: 10.042

DS BKG CNTS: 1940.93
BE BKG CNTS: -26.17

8h 58m

8h 56m

8h 54m

8h 52m

lote UMA

FIELD CENTER: $08^h 55^m 48.0^s$ $48^\circ 13' 59''$ (B1950)
 $08^h 59^m 15.0^s$ $48^\circ 02' 19''$ (J2000)
 $l: 171.52$ $b: 40.84$

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

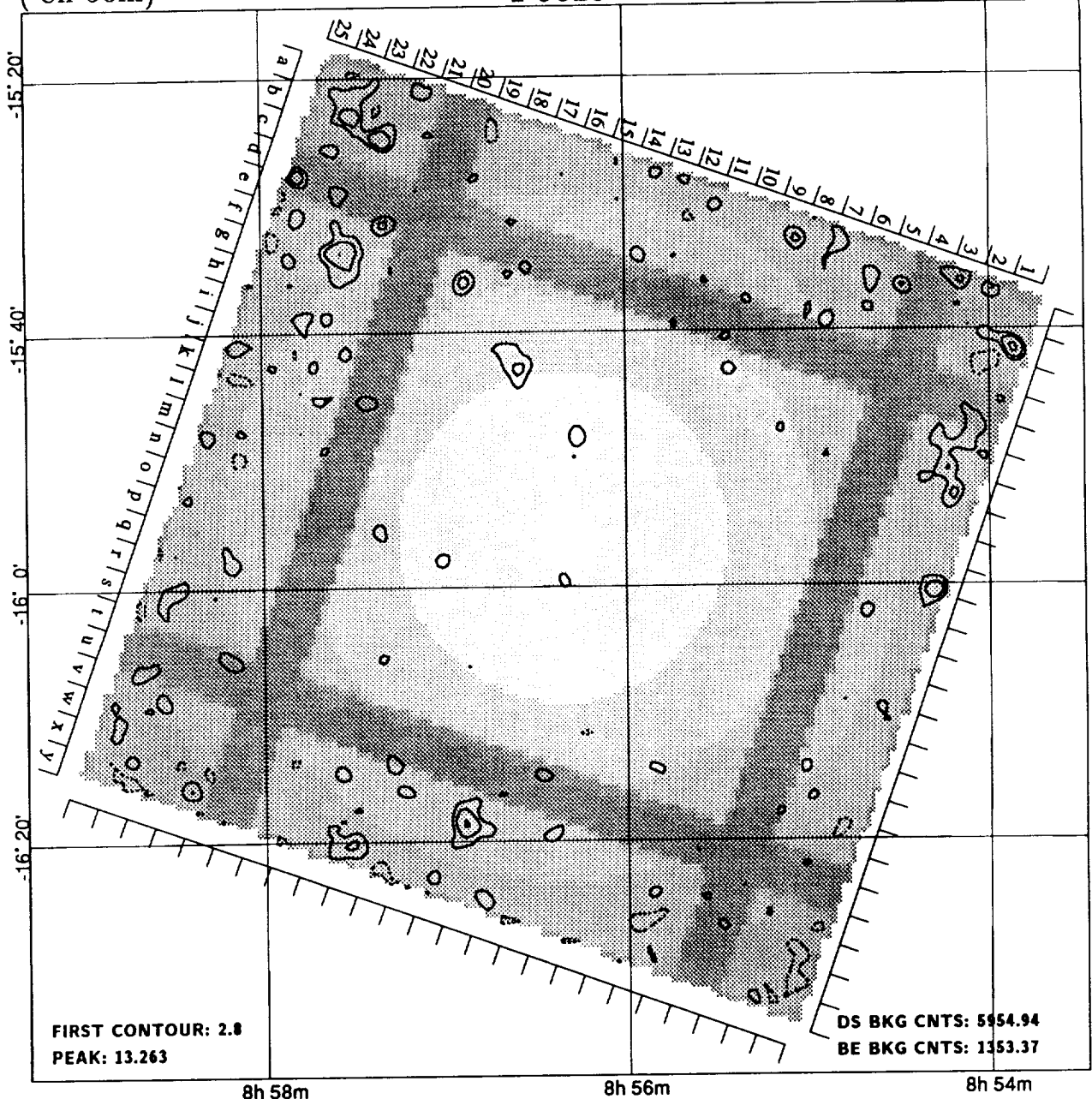
NH: $2.3E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(8h 56m)

I 9020

(8h 56m)



CORONAE OF METAL DEFICIENT STARS: HR 3578

FIELD CENTER: $08^h 56^m 23.1^s$ $-15^\circ 56' 26''$ (B1950)
 $08^h 58^m 43.1^s$ $-16^\circ 08' 07''$ (J2000)
 $l: 243.30$ $b: 18.91$

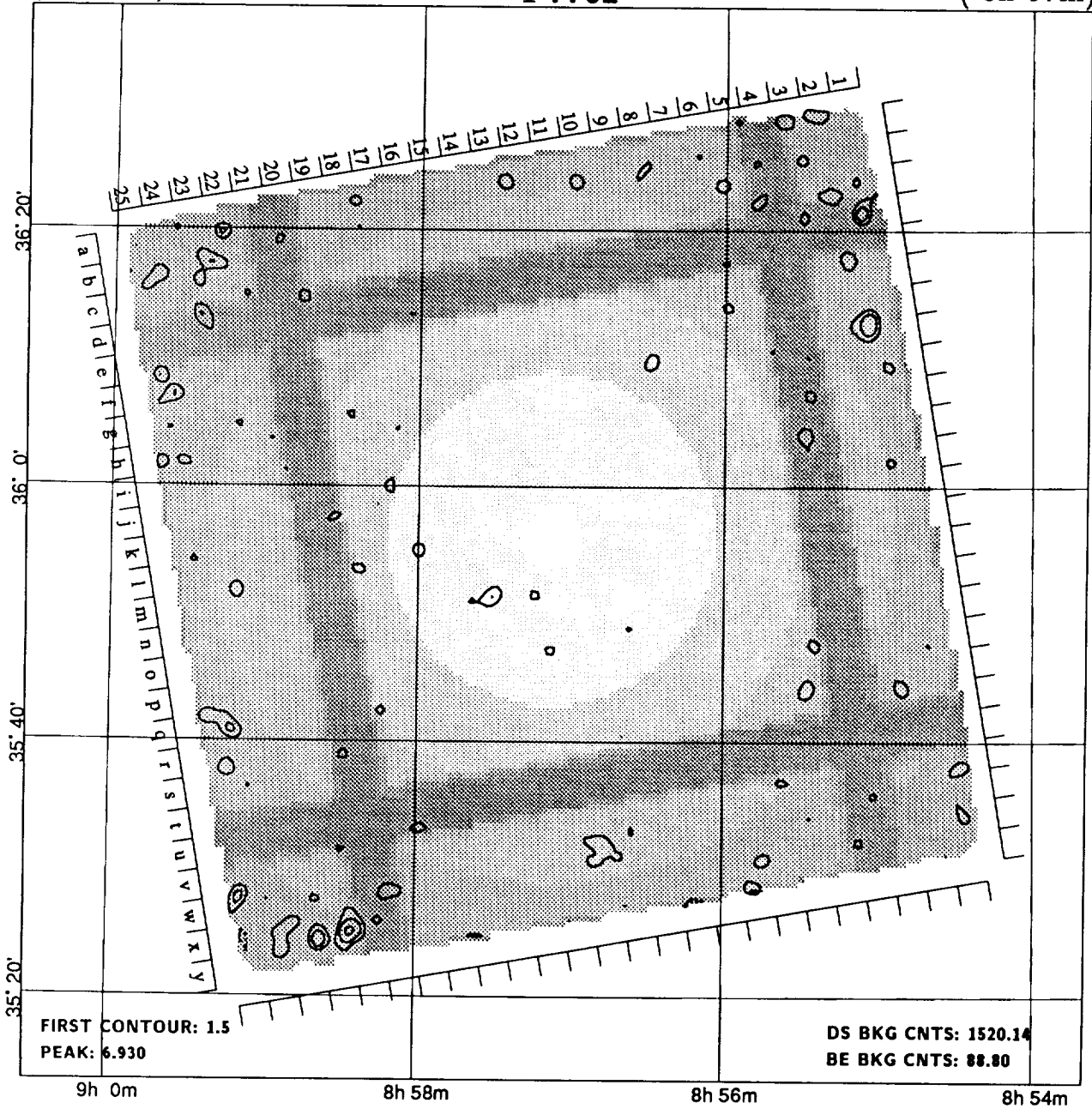
DATE: 1981/109 - 1981/109
 LIVETIME: 4825.4s
 ROLL ANGLE: 109.4°

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

(8h 57m)

I 7762

(8h 57m)



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

FIELD CENTER: $08^h 57^m 06.0^s$ $35^\circ 55' 29''$ (B1950)
 $09^h 00^m 14.0^s$ $35^\circ 43' 45''$ (J2000)
 $l: 187.79$ $b: 40.64$

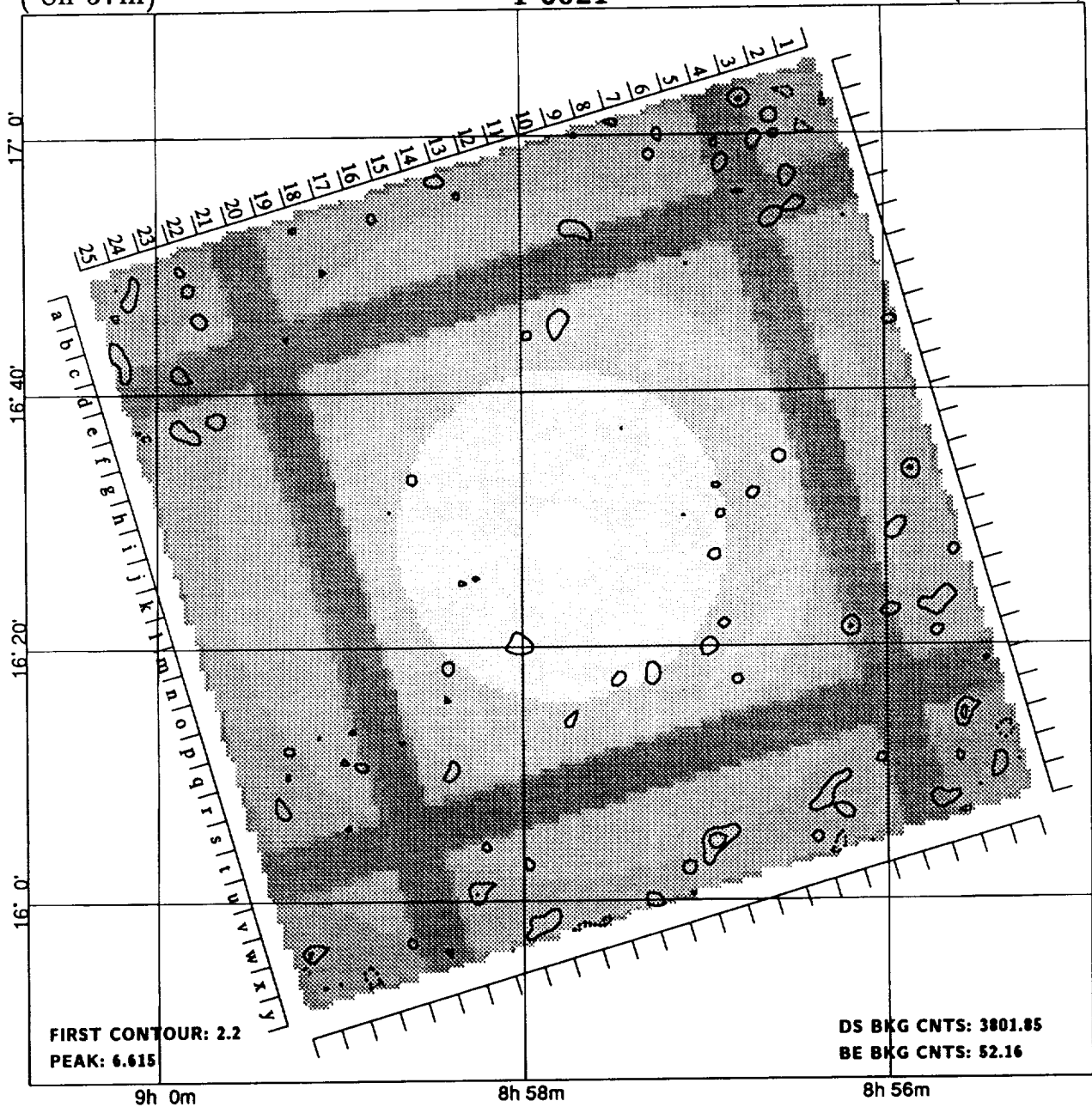
DATE: 1980/130 - 1980/130
 LIVETIME: 1276.0s
 ROLL ANGLE: 80.2°

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

(8h 57m)

I 6021

(8h 57m)



A734, RICH CLUSTERS WITH DOMINANT GALAXIES

FIELD CENTER: $08^h 57^m 48.0^s$ $16^\circ 27' 59''$ (B1950)
 $09^h 00^m 35.6^s$ $16^\circ 16' 13''$ (J2000)
 $l: 211.84$ $b: 35.74$

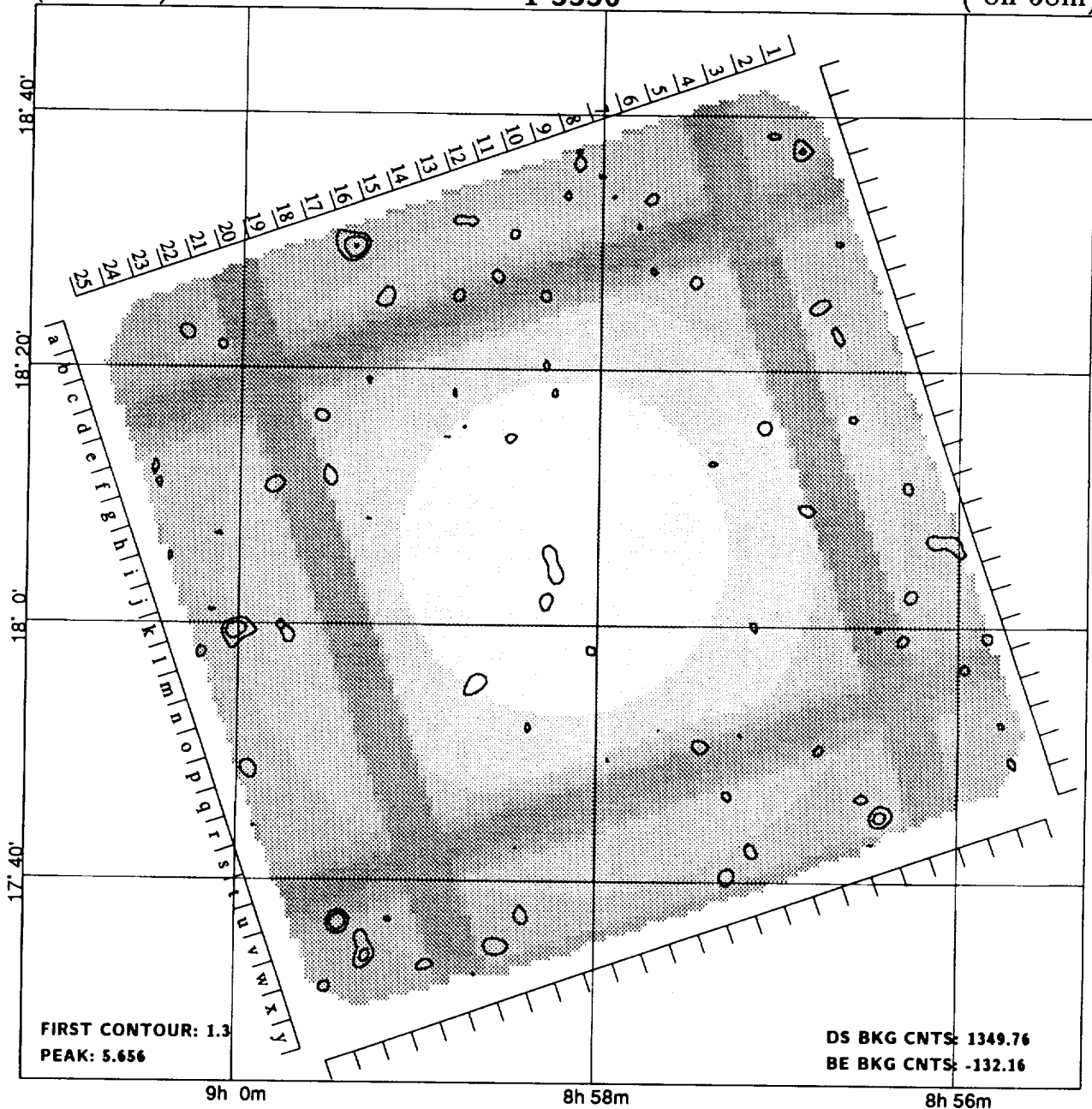
DATE: 1980/133 - 1980/135
 LIVETIME: 3080.7s
 ROLL ANGLE: 73.6°

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

(8h 58m)

I 3356

(8h 58m)



FIRST CONTOUR: 1.3
PEAK: 5.656

DS BKG CNTS: 1349.76
BE BKG CNTS: -132.16

9h 0m

8h 58m

8h 56m

DWARF NOVAE: SY CNC

FIELD CENTER: $08^h 58^m 14.0^s$ $18^{\circ} 06' 07''$ (B1950)
 $09^h 01^m 03.1^s$ $17^{\circ} 54' 20''$ (J2000)
 $l: 210.00$ $b: 36.44$

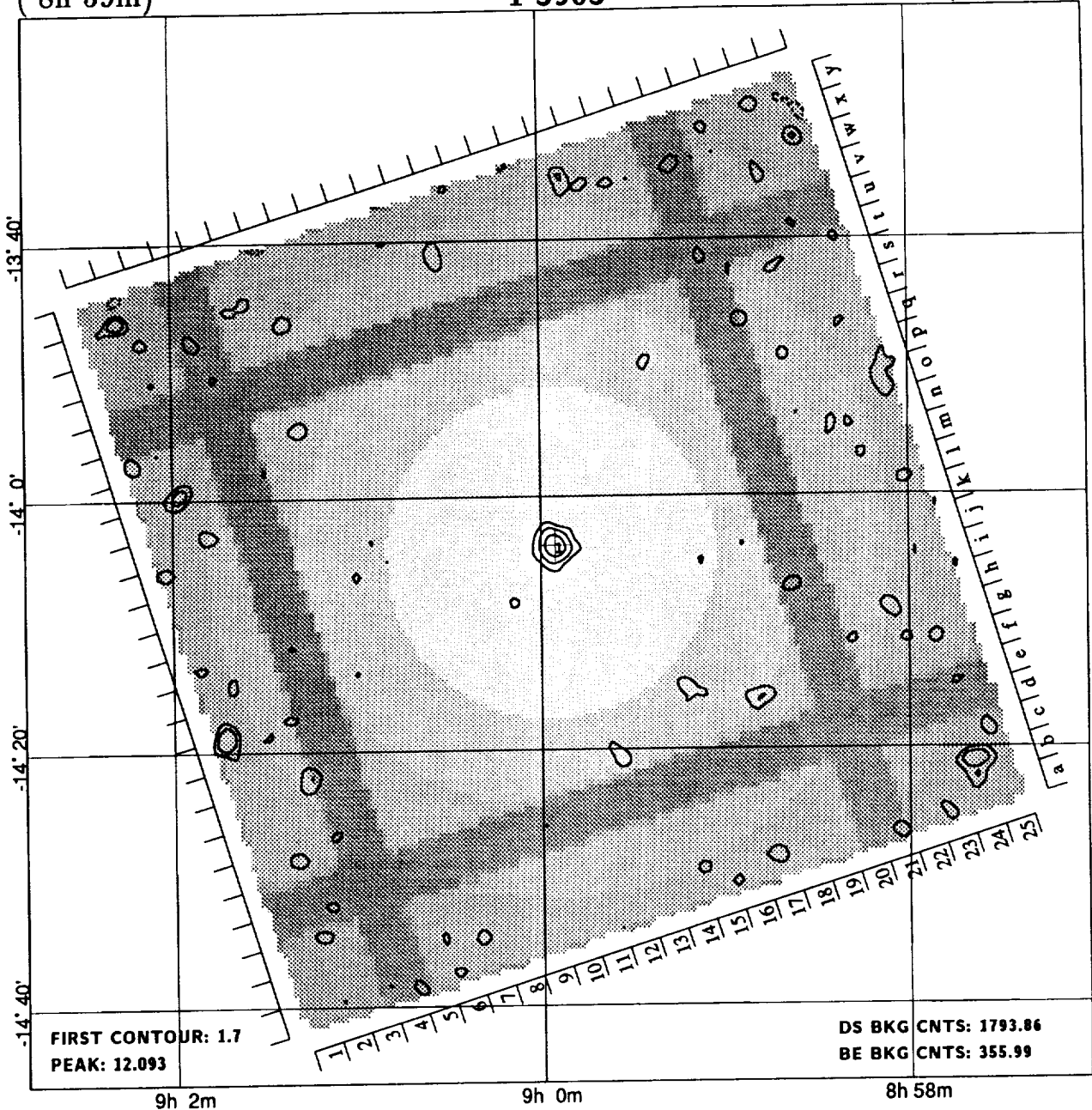
DATE: 1979/139 - 1979/139
LIVETIME: 1093.8s
ROLL ANGLE: 71.0°

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

(8h 59m)

I 3903

(8h 59m)



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°

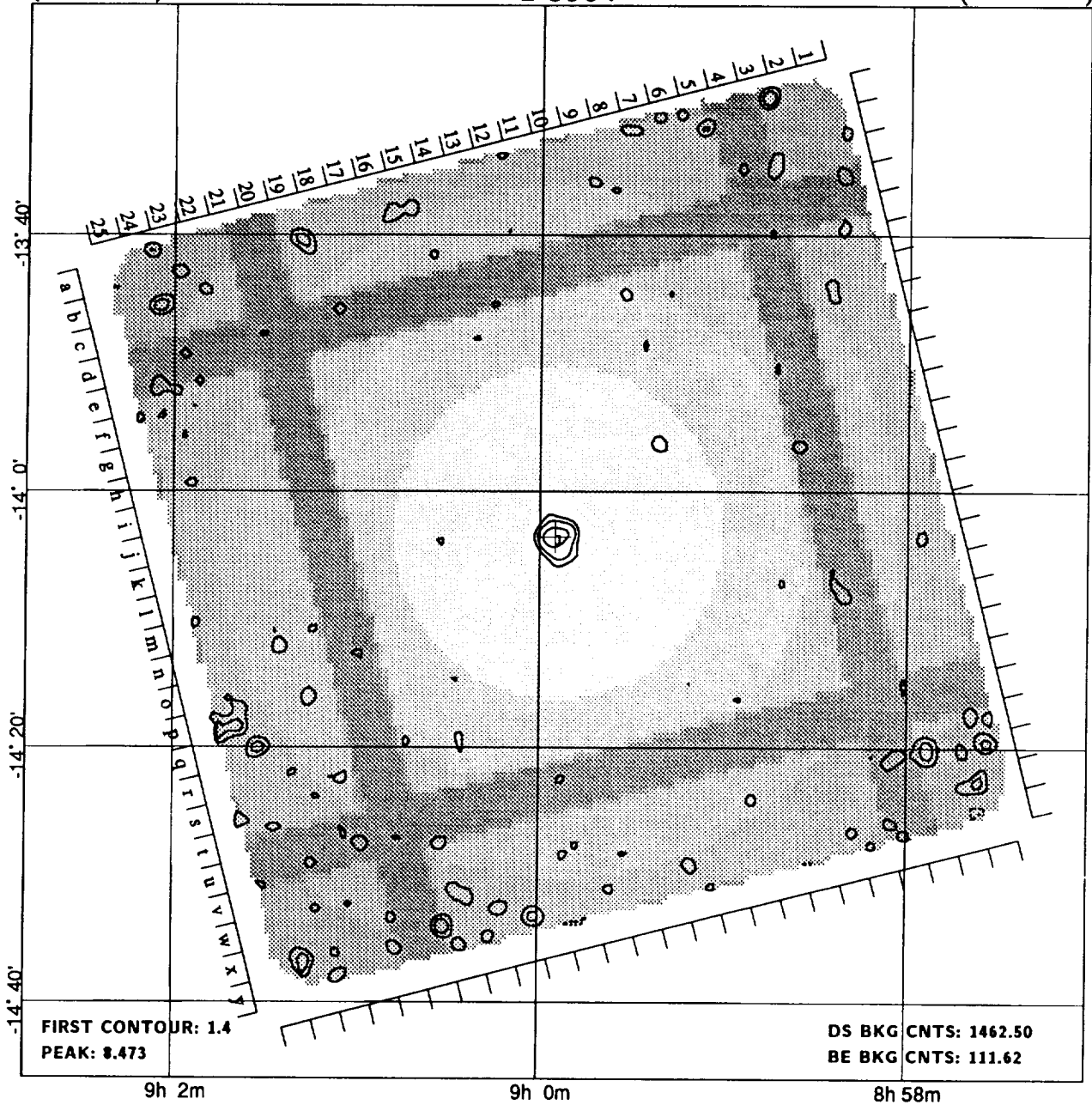
NH: 5.7E+20
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(8h 59m)

I 3904

(8h 59m)



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°

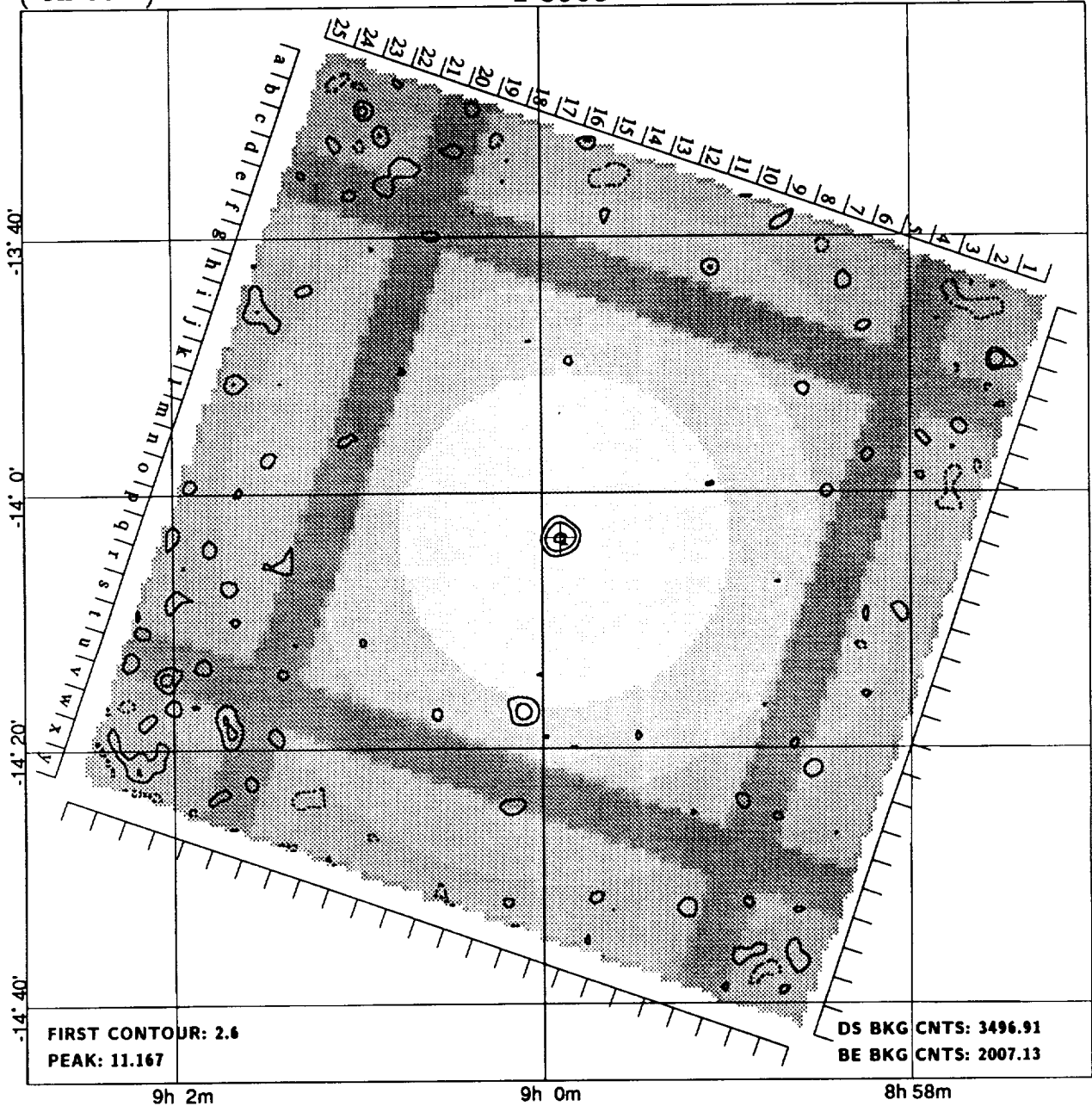
NH: 5.7E+20
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(8h 59m)

I 3905

(8h 59m)



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°

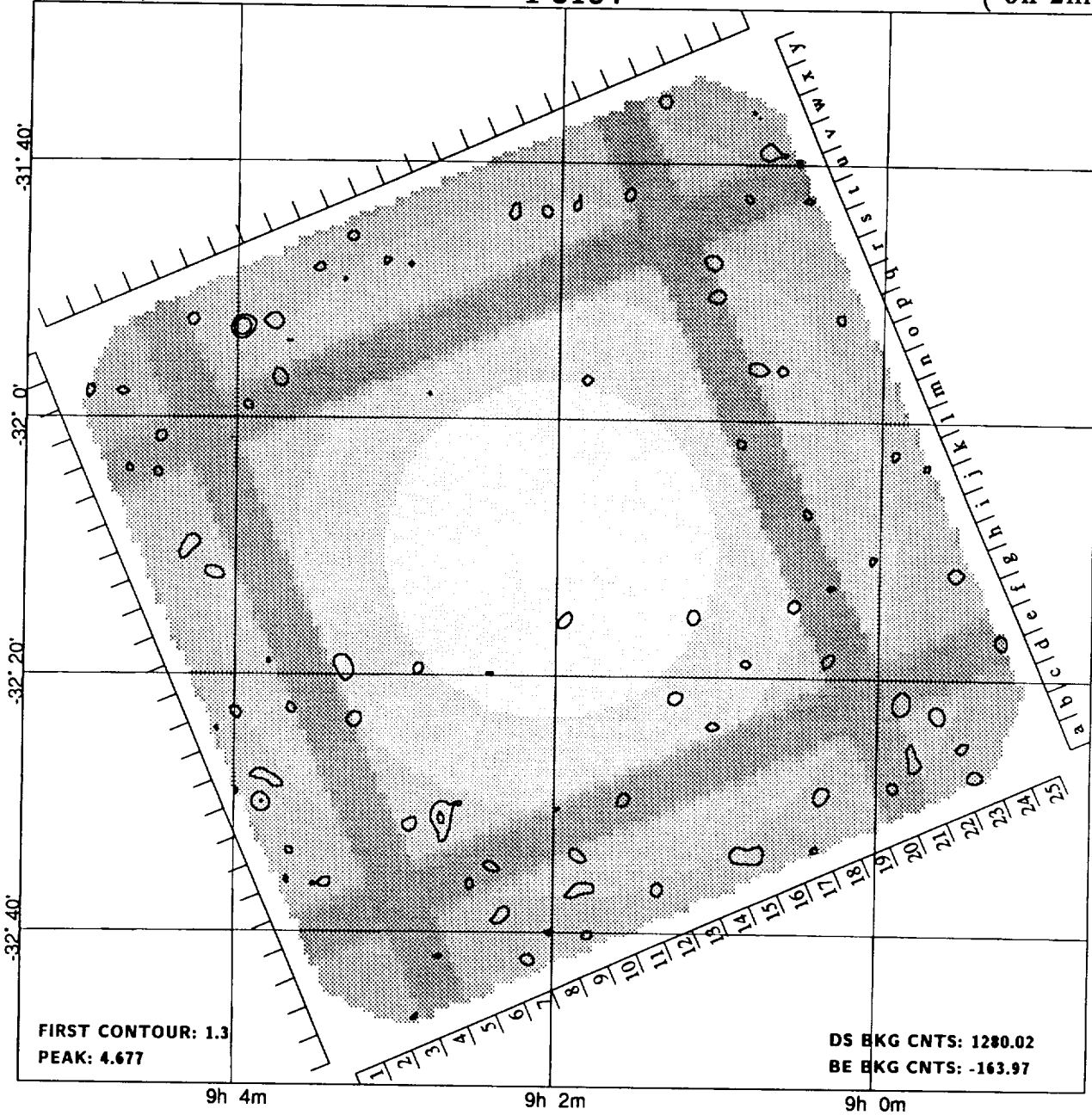
NH: 5.7E+20
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(9h 2m)

I 3184

(9h 2m)



FIRST CONTOUR: 1.3
PEAK: 4.677

DS BKG CNTS: 1280.02
BE BKG CNTS: -163.97

9h 4m

9h 2m

9h 0m

OLD NOVAE: T PYX

FIELD CENTER: $09^h 02^m 00.0^s$ $-32^\circ 09' 59''$ (B1950)
 $09^h 04^m 04.3^s$ $-32^\circ 21' 57''$ (J2000)
 $l: 257.11$ $b: 9.62$

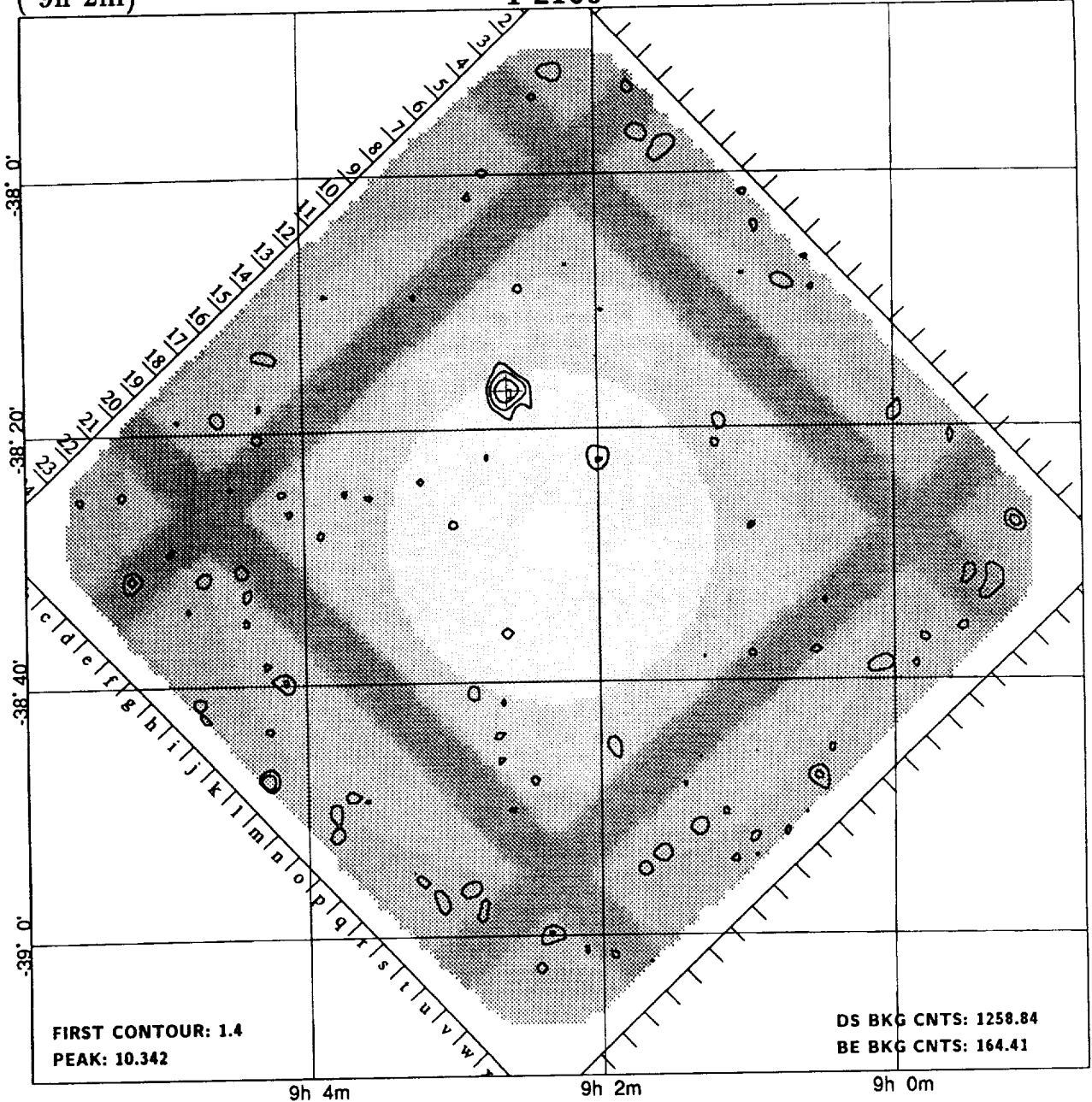
DATE: 1979/326 - 1979/326
LIVETIME: 1037.2s
ROLL ANGLE: -113.5°

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

(9h 2m)

I 2160

(9h 2m)



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°

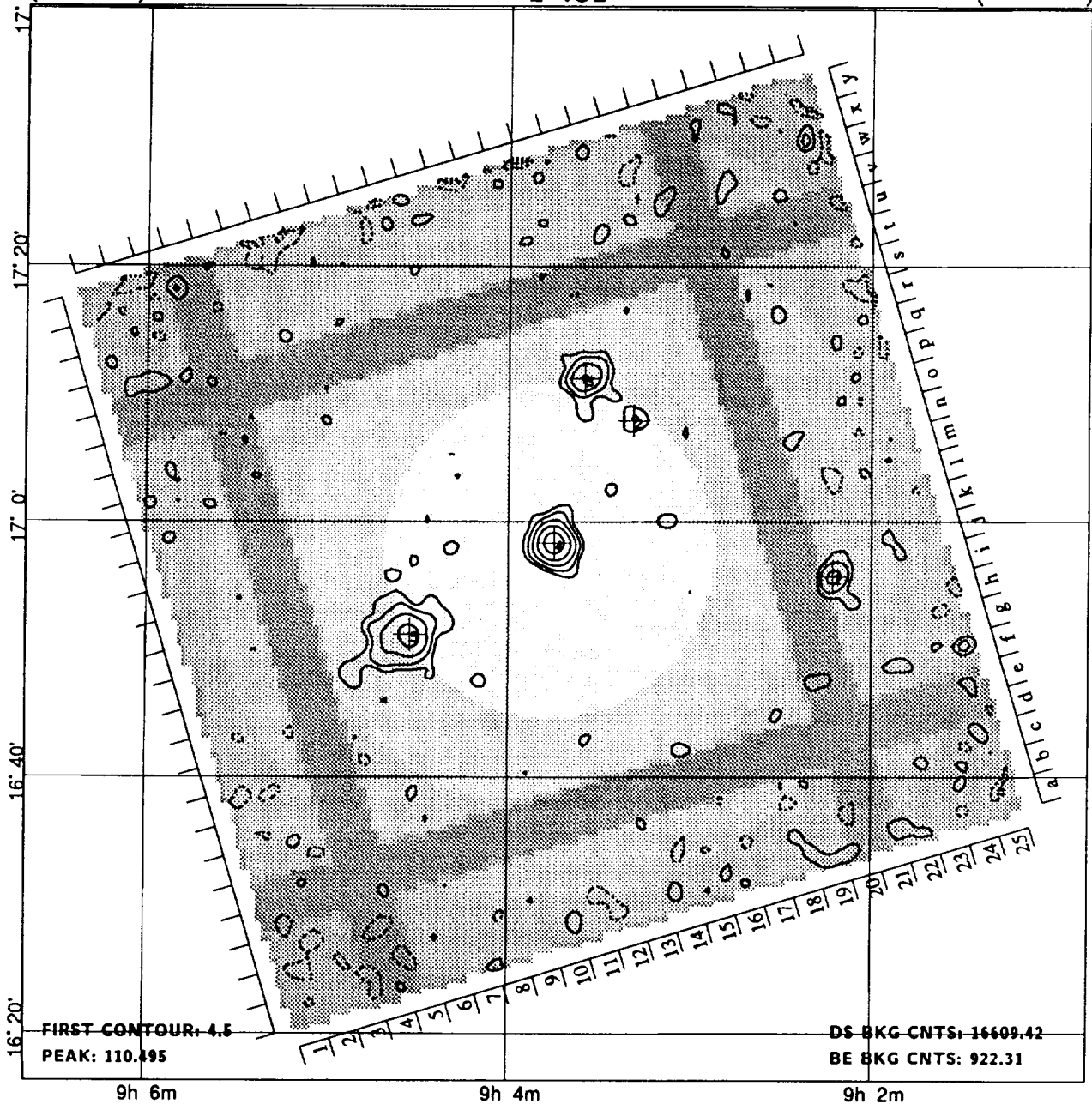
NH: 3.0E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(9h 3m)

I 481

(9h 3m)



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°

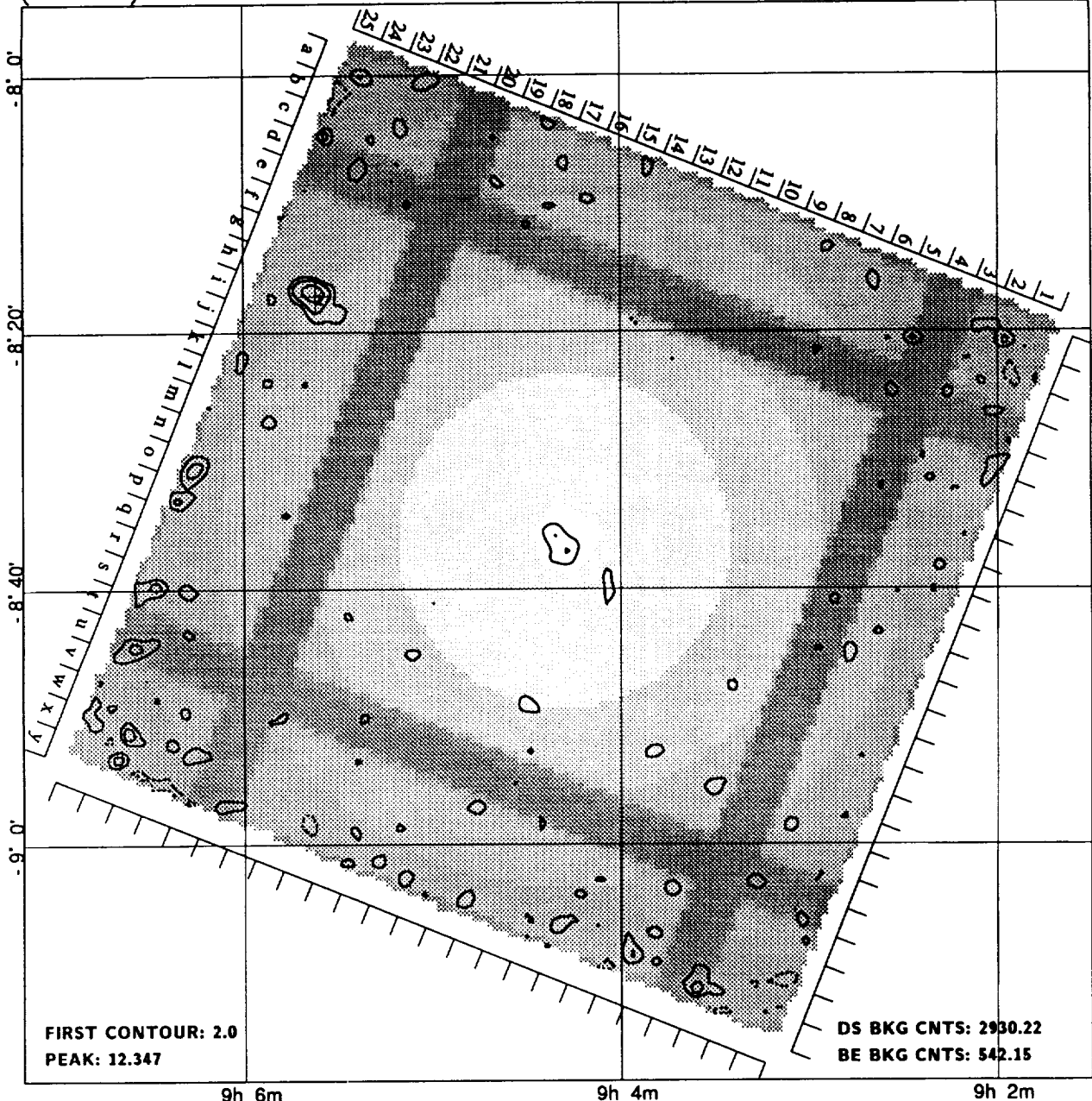
NH: 3.6E+20
 REF/ID:
 FIELD FLAGS:

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

(9h 4m)

I 9048

(9h 4m)



FIRST CONTOUR: 2.0
PEAK: 12.347

DS BKG CNTS: 2930.22
BE BKG CNTS: 542.15

SPECTROSCOPIC BINARIES WITHIN 25 Pc: WOOLLEY# 334

FIELD CENTER: $09^h 04^m 20.0^s -08^\circ 36' 29''$ (B1950)
 $09^h 06^m 46.7^s -08^\circ 48' 35''$ (J2000)
 $l: 238.19 \quad b: 24.83$

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

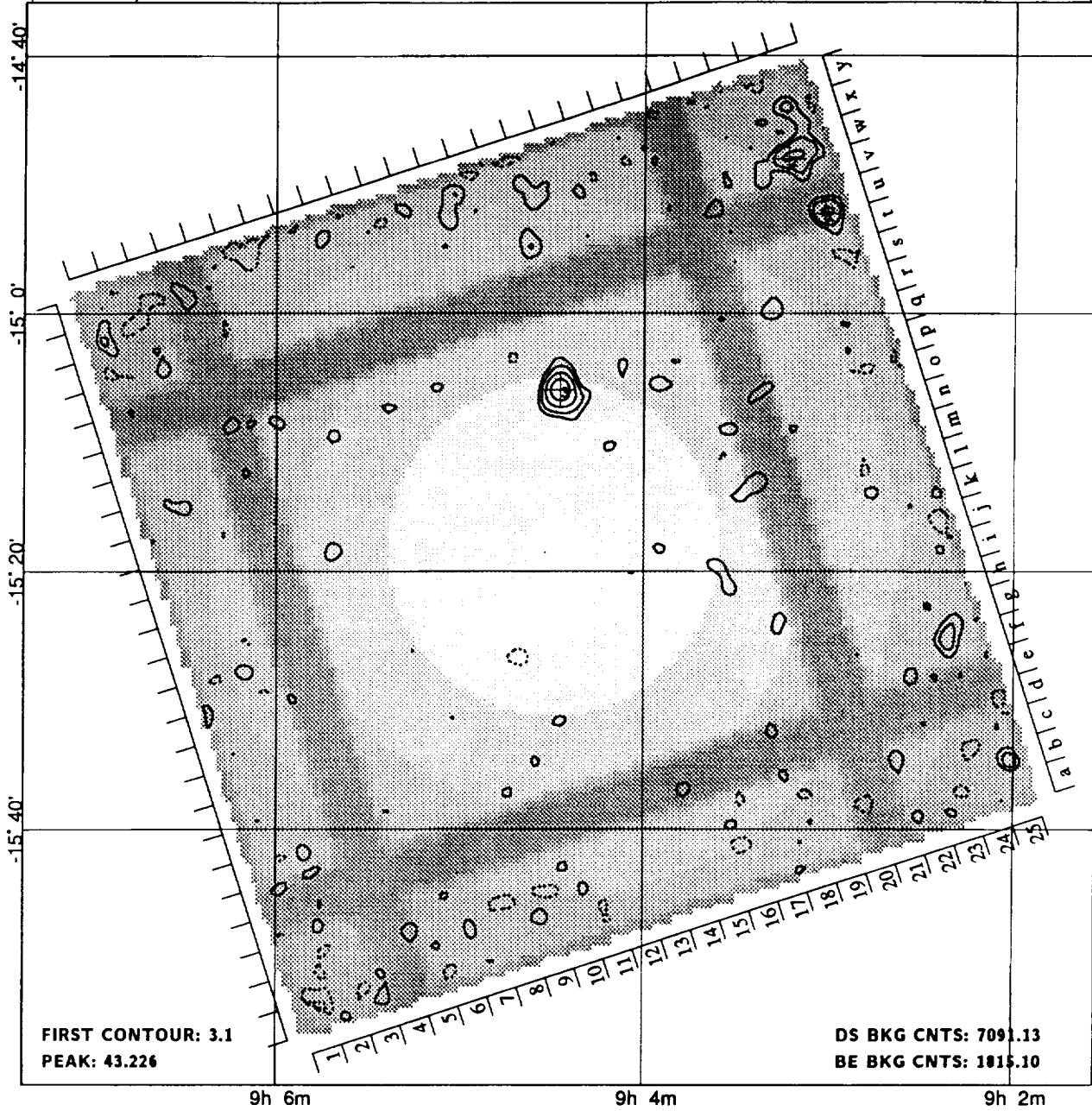
NH: $4.3E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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	

(9h 4m)

I 5789

(9h 4m)



9h 6m

9h 4m

9h 2m

NORMAL GALAXIES: N2763

FIELD CENTER: $09^h 04^m 28.0^s$ $-15^\circ 17' 53''$ (B1950)
 $09^h 06^m 49.0^s$ $-15^\circ 29' 59''$ (J2000)
 $l: 244.02$ $b: 20.84$

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

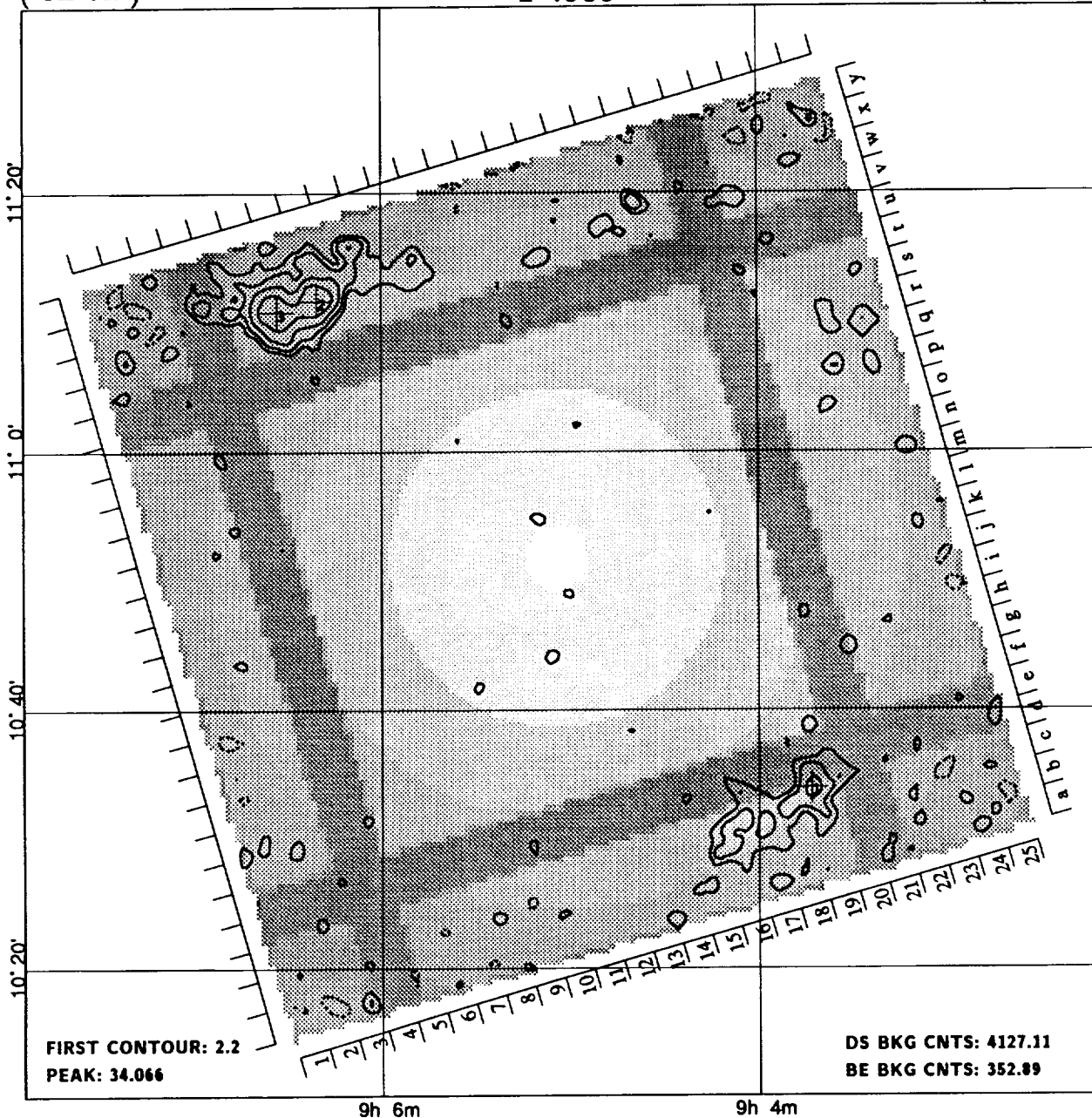
NH: $6.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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°

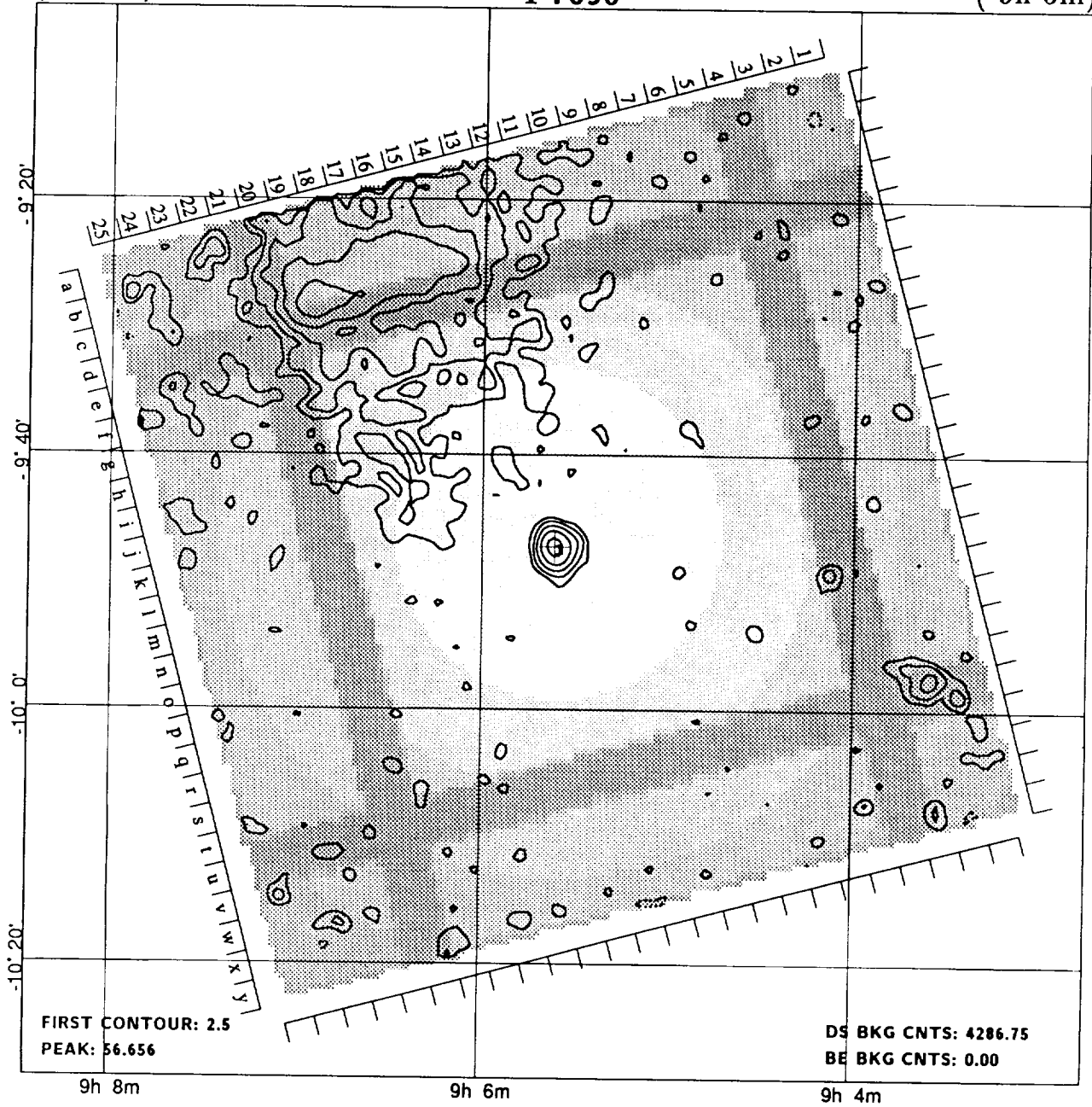
NH: 3.7E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(9h 5m)

I 7690

(9h 5m)



A 754, GALAXIES IN CLUSTERS

FIELD CENTER: $09^h 05^m 36.0^s$ $-09^\circ 46' 59''$ (B1950)
 $09^h 08^m 01.7^s$ $-09^\circ 59' 09''$ (J2000)
 $l: 239.43$ $b: 24.39$

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

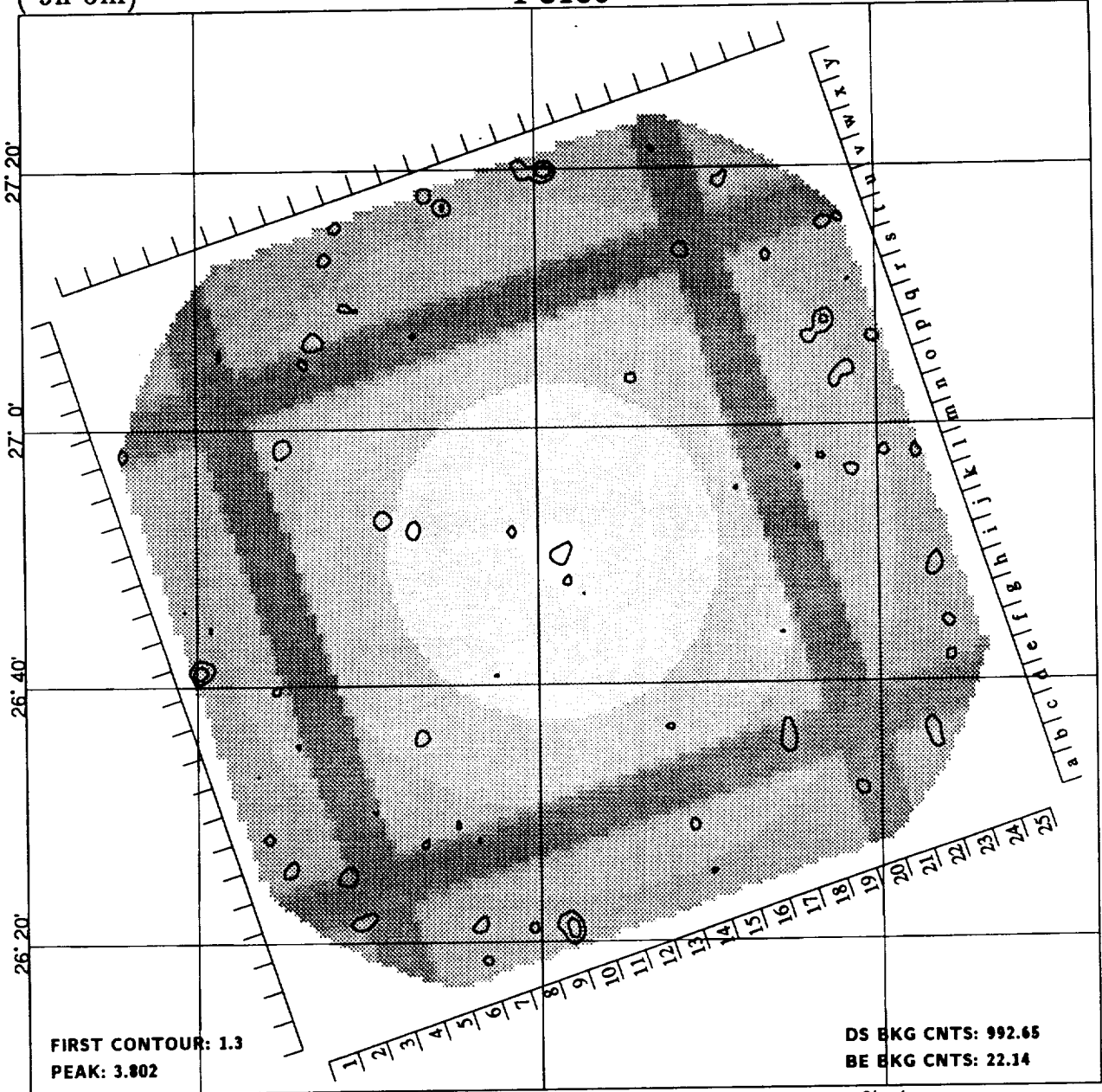
NH: $4.5E+20$
 REF/ID:
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(9h 5m)

I 5186

(9h 5m)



STAR 75 CNC, CORRELATION OF CORONAL ACTIVITY WITH BINARY PERIOD

FIELD CENTER: $09^h 05^m 52.0^s$ $26^\circ 50' 29''$ (B1950)
 $09^h 08^m 48.7^s$ $26^\circ 38' 18''$ (J2000)
 $l: 200.03$ $b: 40.79$

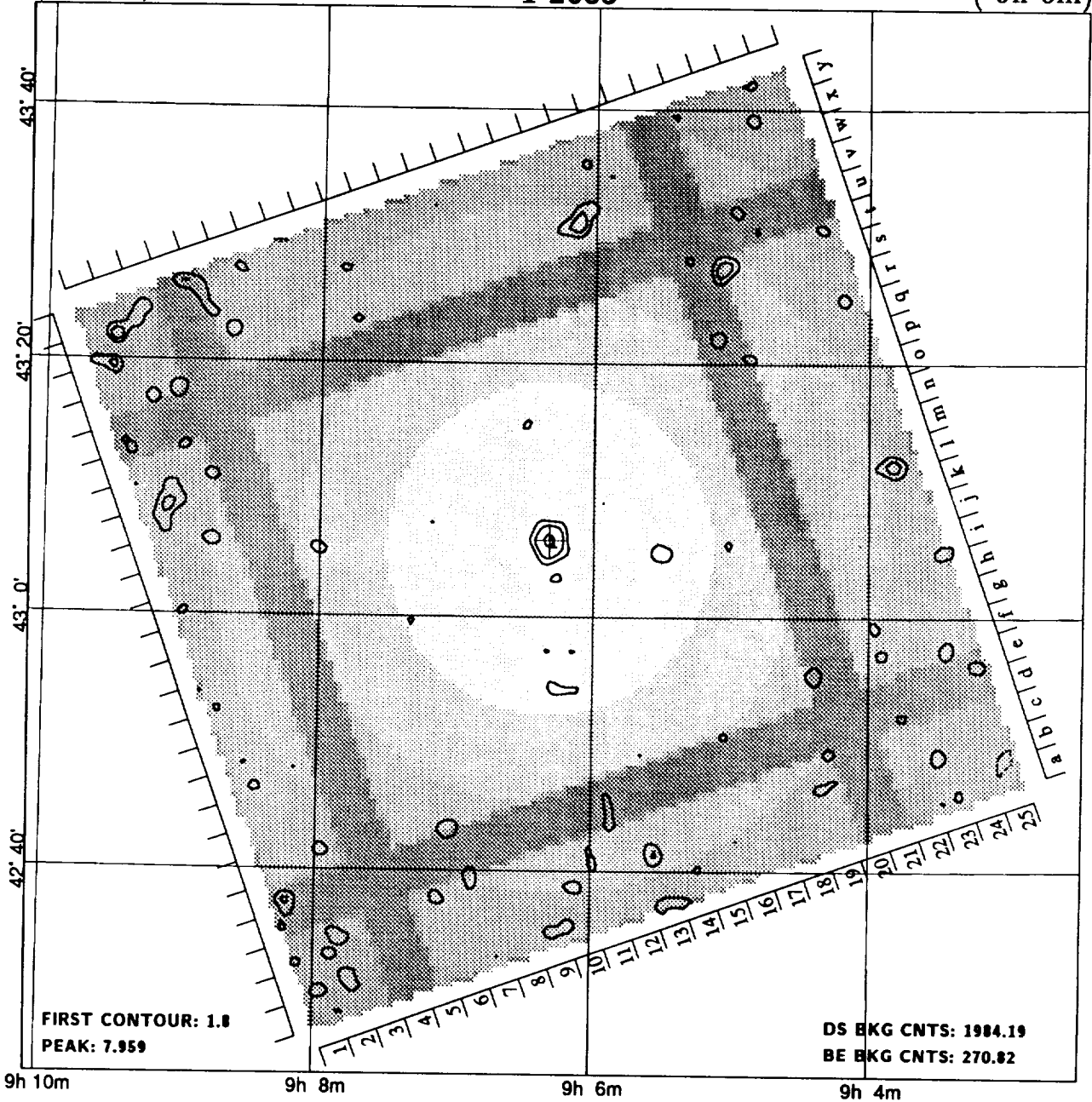
DATE: 1979/299 - 1979/299
 LIVETIME: 804.4s
 ROLL ANGLE: -108.6°

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

(9h 6m)

I 2685

(9h 6m)



3C 216.0: BRIGHT X-GALACTIC RADIO SOURCES

FIELD CENTER: $09^h 06^m 17.0^s$ $43^\circ 05' 58''$ (B1950)
 $09^h 09^m 33.2^s$ $42^\circ 53' 46''$ (J2000)
 $l: 178.33$ $b: 42.84$

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

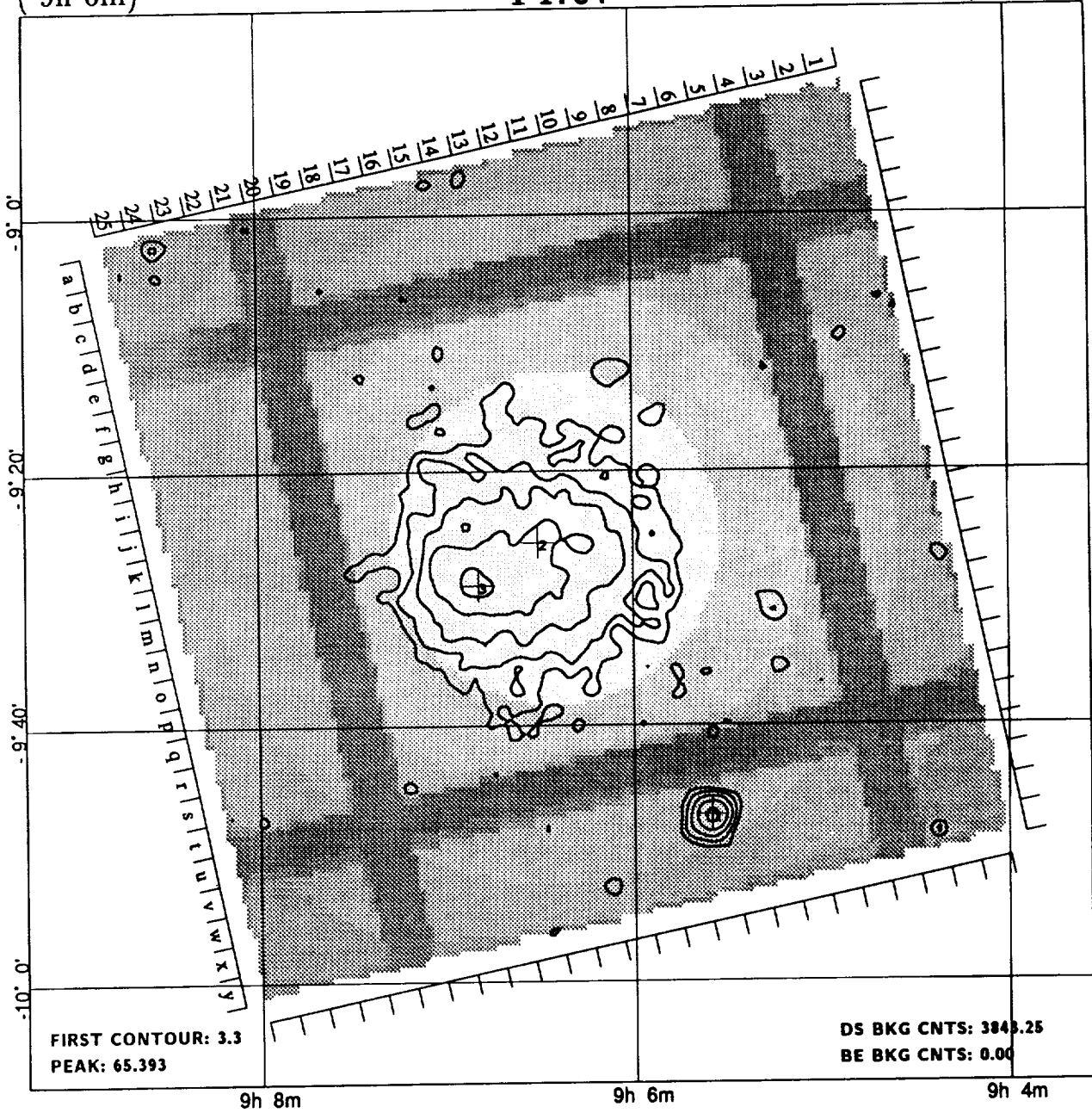
NH: $1.5E+20$
 REF/ID: !
 FIELD FLAGS:

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

(9h 6m)

I 1784

(9h 6m)



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°

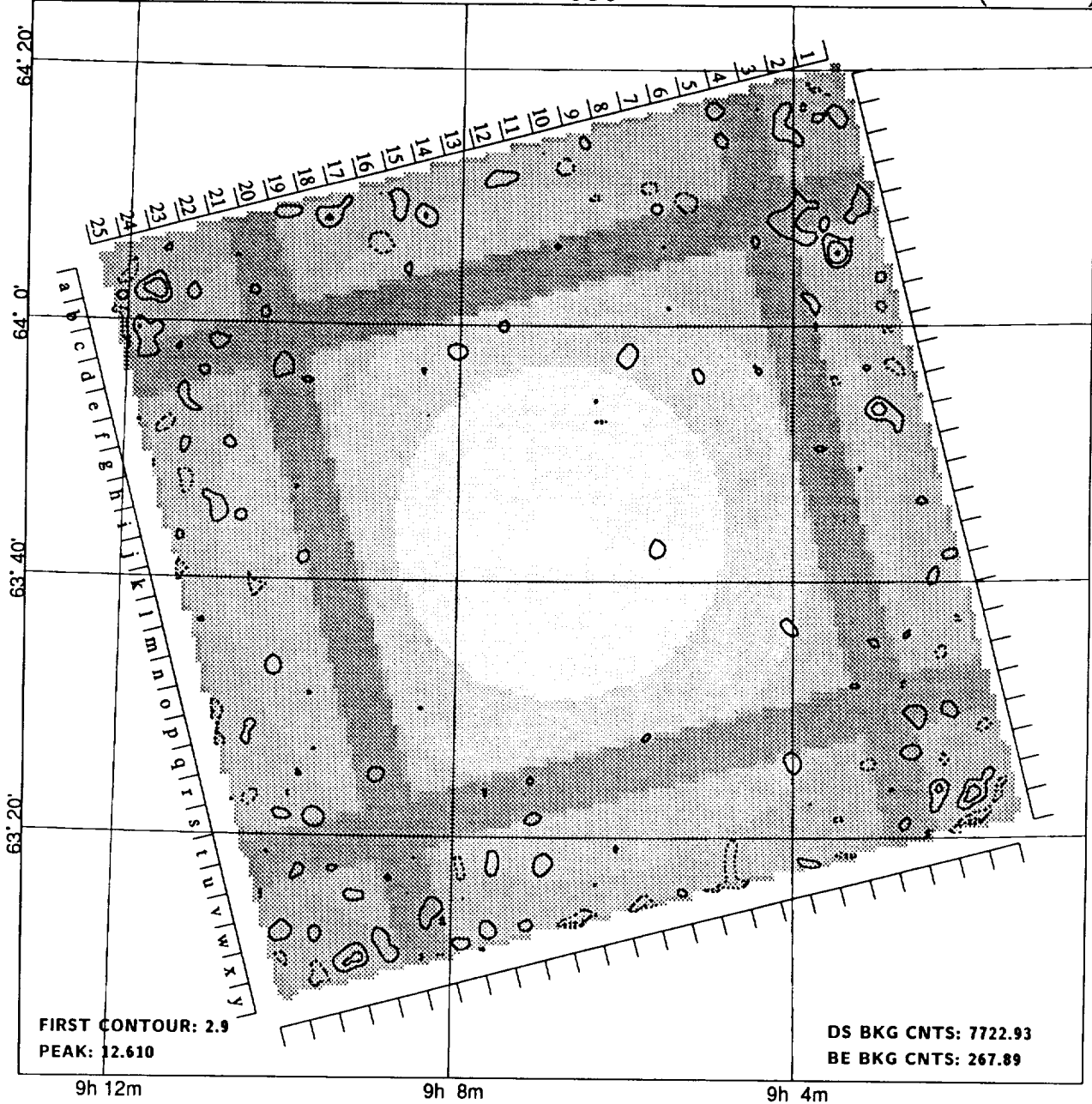
NH: 4.7E+20
 REF/ID:
 FIELD FLAGS: L

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

(9h 6m)

I 7680

(9h 6m)



FIRST CONTOUR: 2.9
PEAK: 12.610

DS BKG CNTS: 7722.93
BE BKG CNTS: 267.89

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

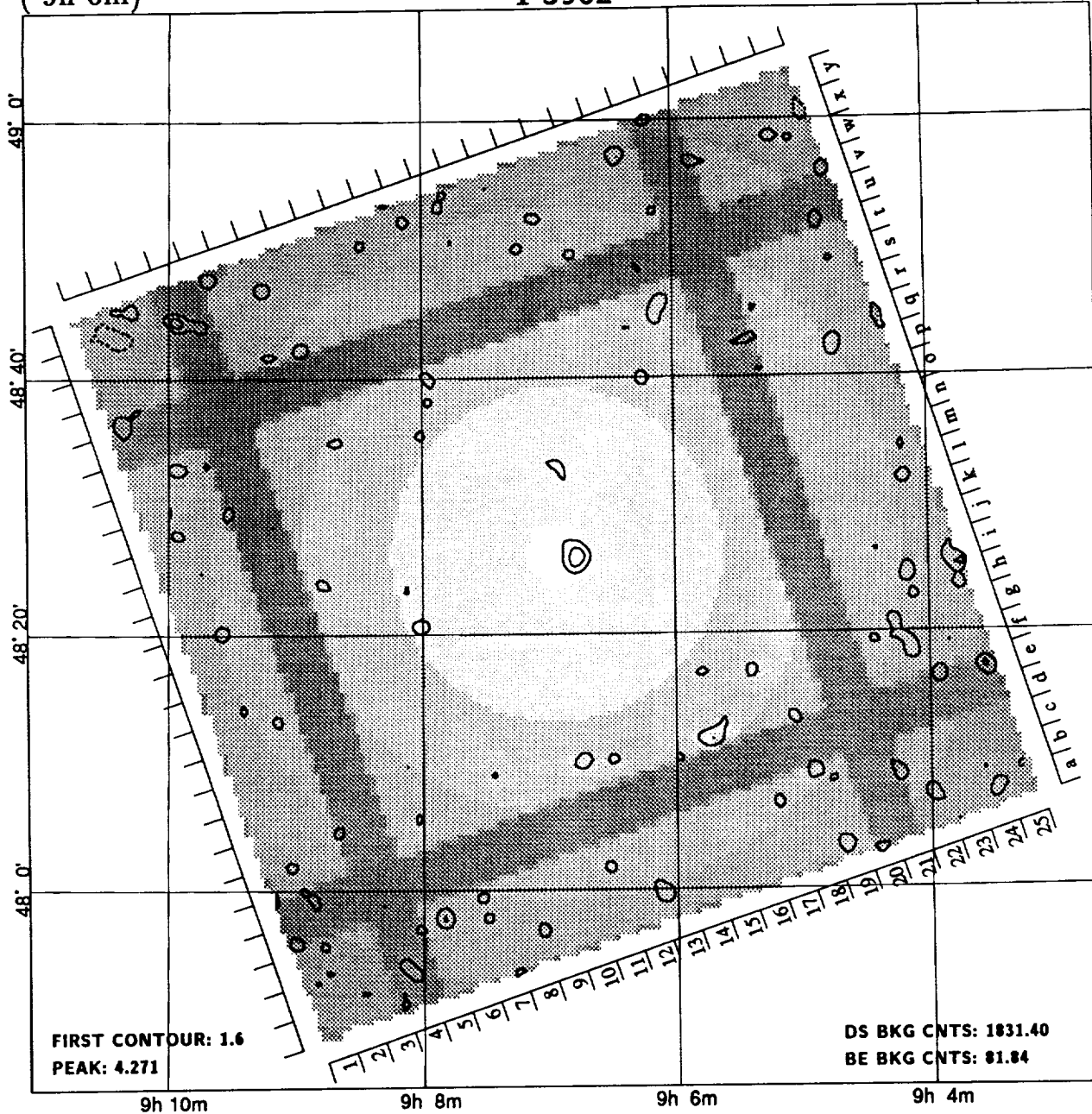
DATE: 1980/121 - 1980/121
LIVETIME: 6482.9s
ROLL ANGLE: 75.6°

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

(9h 6m)

I 3962

(9h 6m)



FIRST CONTOUR: 1.6
PEAK: 4.271

DS BKG CNTS: 1831.40
BE BKG CNTS: 81.84

9h 10m

9h 8m

9h 6m

9h 4m

0906+484, BRIGHT NEARBY QUASAR

FIELD CENTER: $09^h 06^m 53.8^s$ $48^\circ 26' 45''$ (B1950)
 $09^h 10^m 18.6^s$ $48^\circ 14' 31''$ (J2000)
 $l: 171.05$ $b: 42.67$

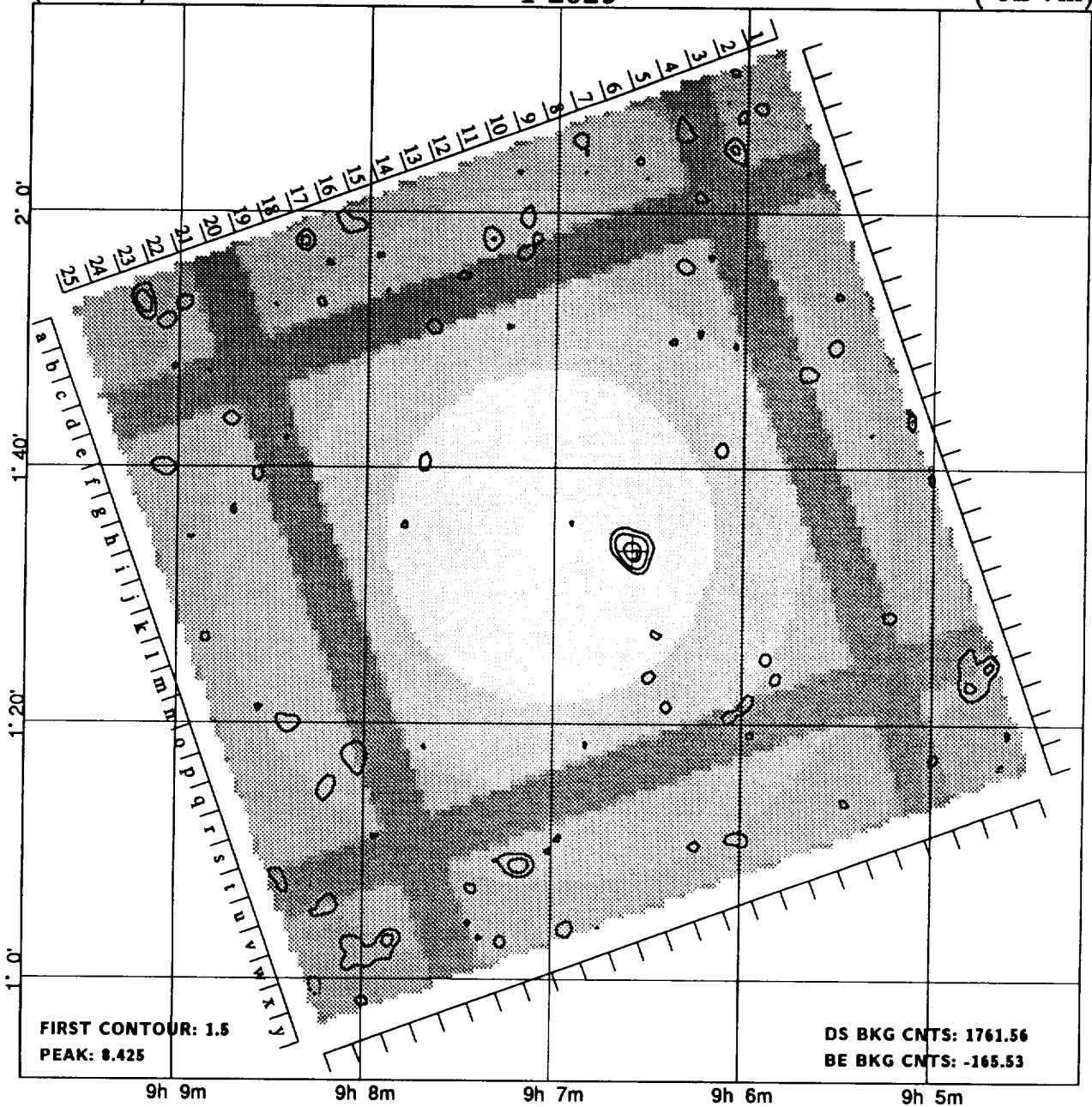
DATE: 1979/303 - 1979/303
LIVETIME: 1484.1s
ROLL ANGLE: -108.6°

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

(9h 7m)

I 2029

(9h 7m)



0906+01: STUDY, QUASARS

FIELD CENTER: $09^h 07^m 00.0^s$ $01^{\circ} 33' 59''$ (B1950)
 $09^h 09^m 34.9^s$ $01^{\circ} 21' 46''$ (J2000)
 $l: 229.00$ $b: 31.01$

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

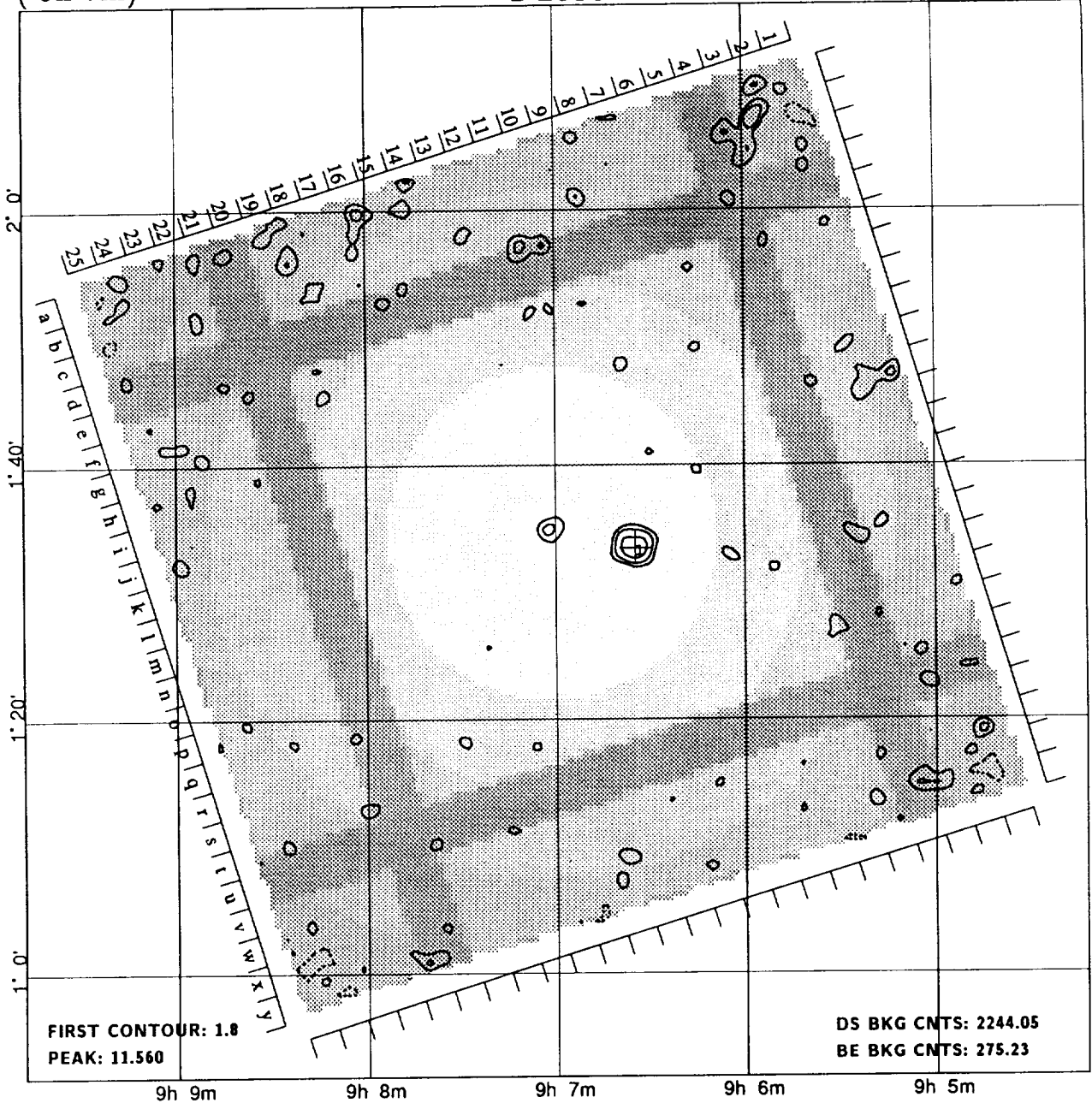
NH: $3.1E+20$
 REF/ID:
 FIELD FLAGS: C

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: $09^h 07^m 00.0^s$ $01^\circ 33' 59''$ (B1950)
 $09^h 09^m 34.9^s$ $01^\circ 21' 46''$ (J2000)
 $l: 229.00$ $b: 31.01$

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

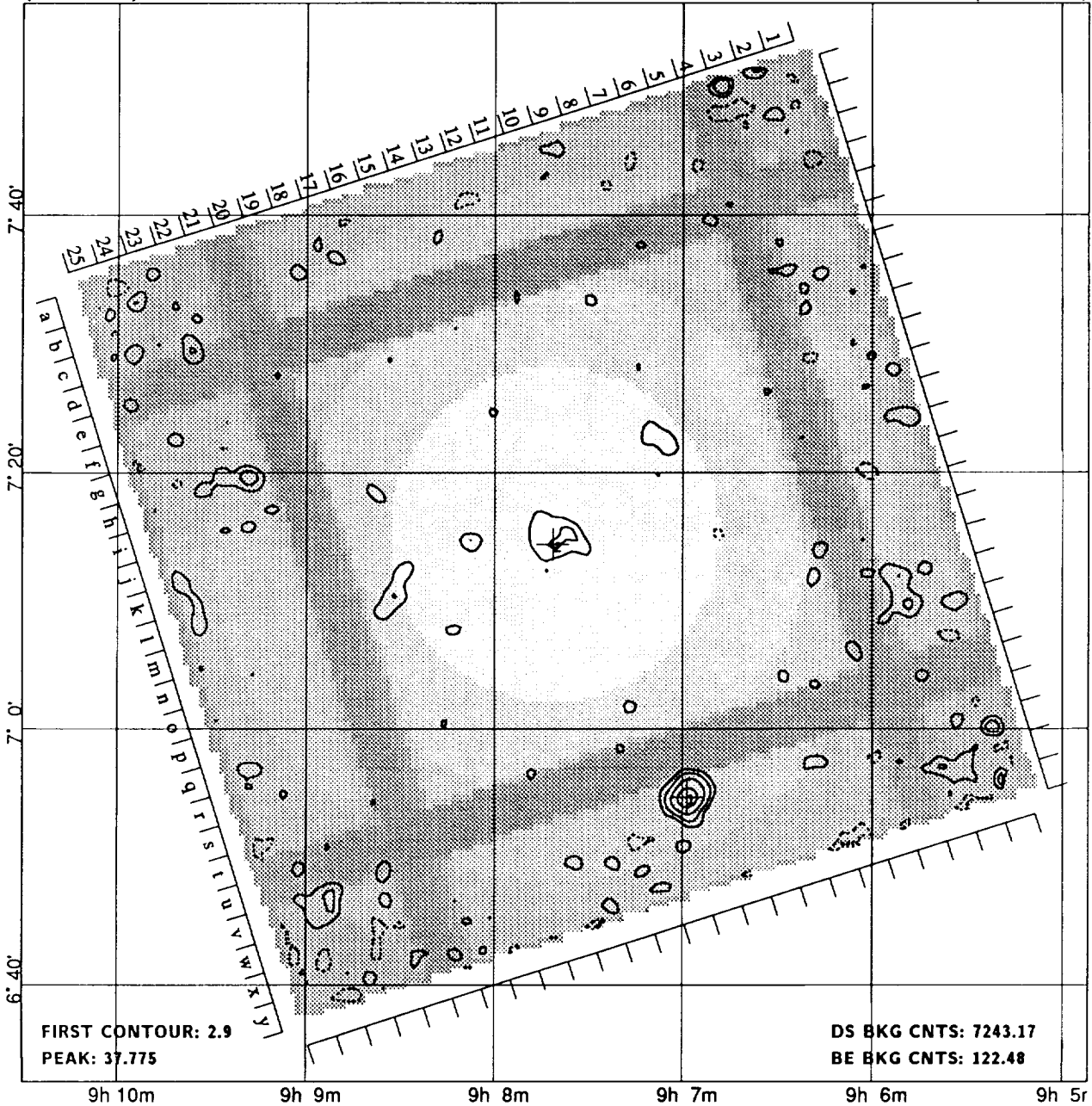
NH: $3.1E+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
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: $09^h 07^m 41.0^s$ $07^\circ 14' 29''$ (B1950)
 $09^h 10^m 20.4^s$ $07^\circ 02' 14''$ (J2000)
 $l: 223.27$ $b: 33.99$

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

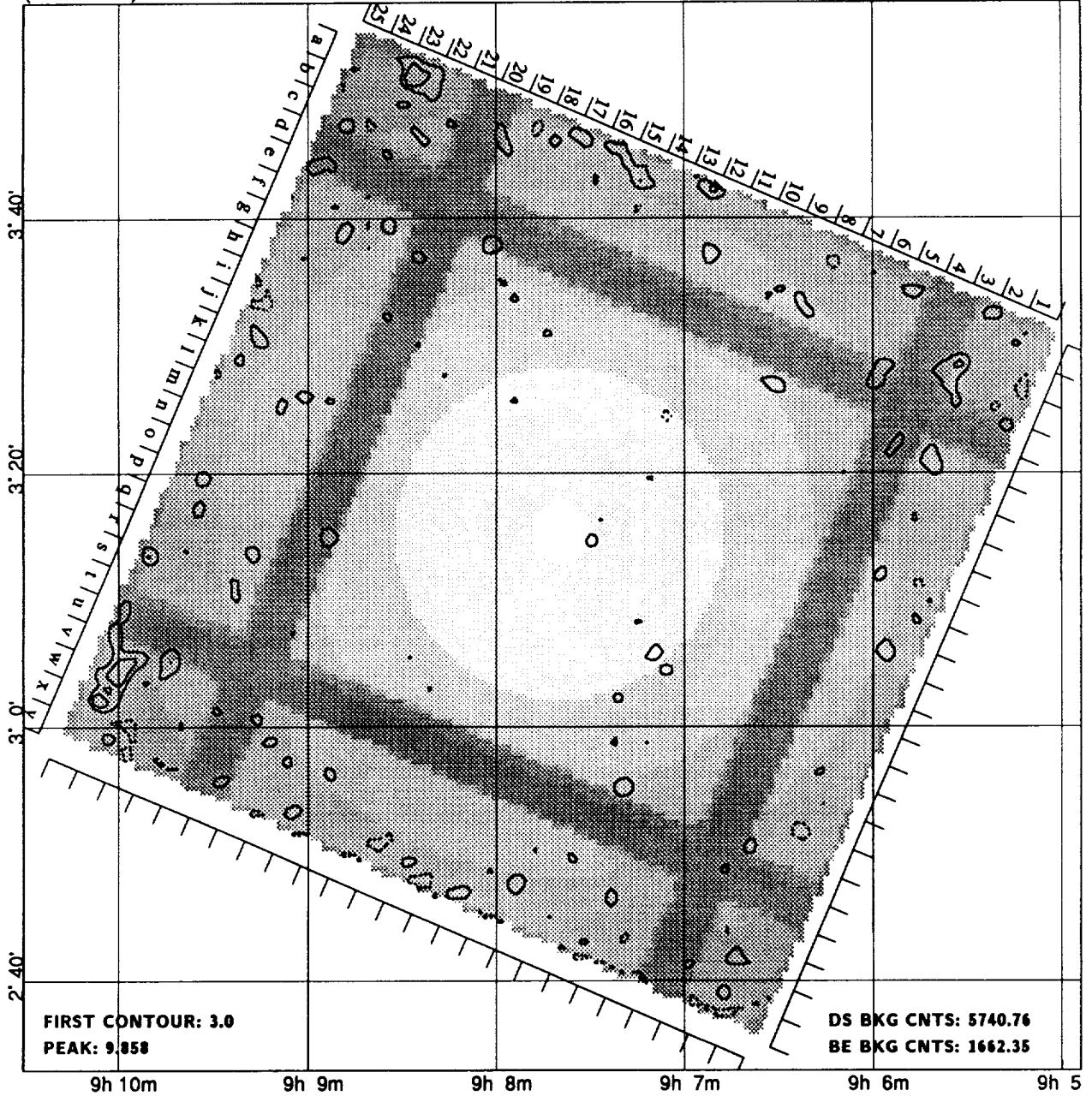
NH: 4.0E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)
 09^h10^m18.2^s 03°02'44" (J2000)
 ℓ : 227.42 b : 32.03

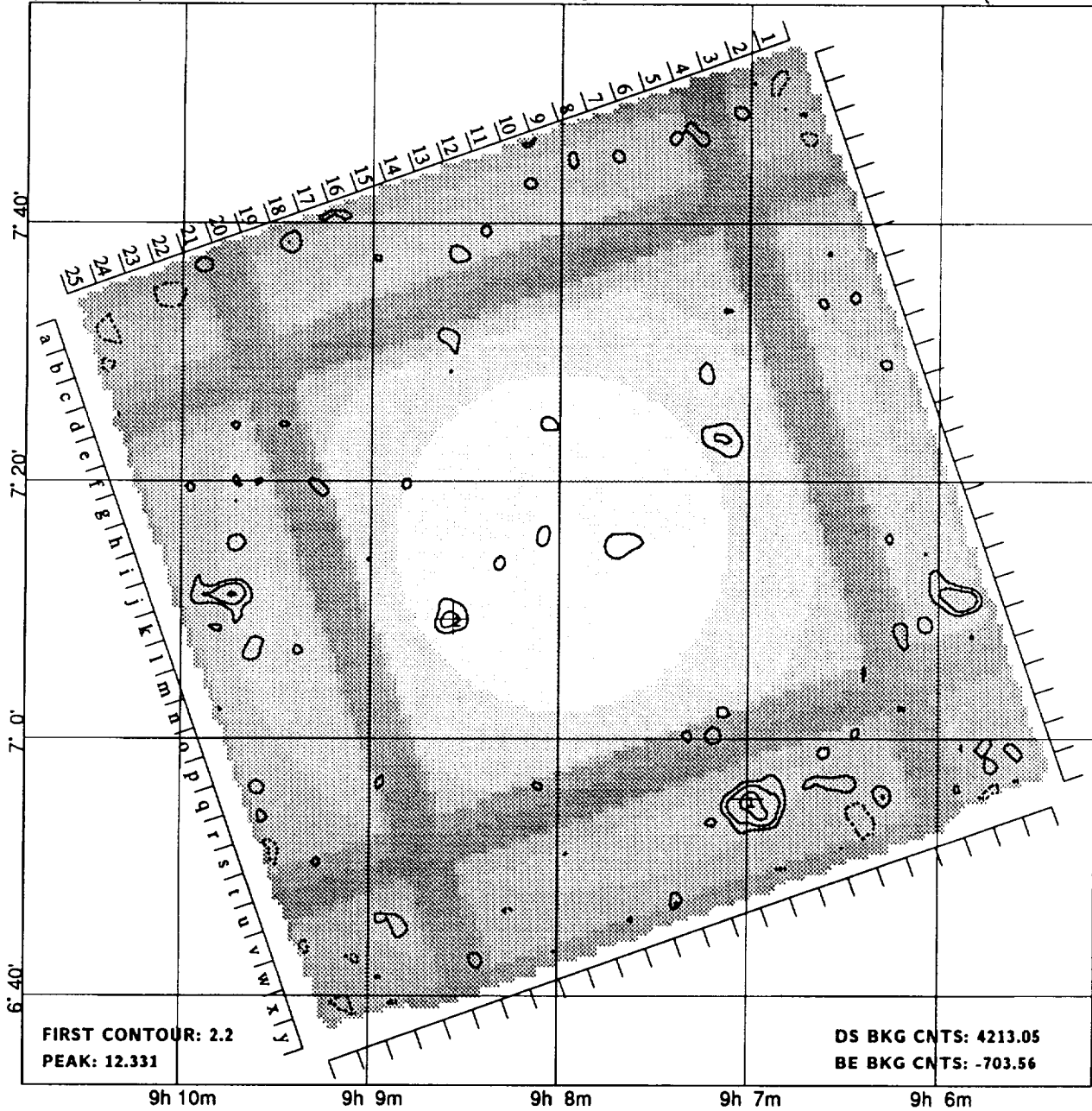
DATE: 1981/114 - 1981/115
 LIVETIME: 4651.9s
 ROLL ANGLE: 113.2°

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

(9h 8m)

I 457

(9h 8m)



NGC 2773/75/77 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $09^h 08^m 00.0^s$ $07^\circ 14' 59''$ (B1950)
 $09^h 10^m 39.4^s$ $07^\circ 02' 43''$ (J2000)
 $l: 223.30$ $b: 34.06$

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

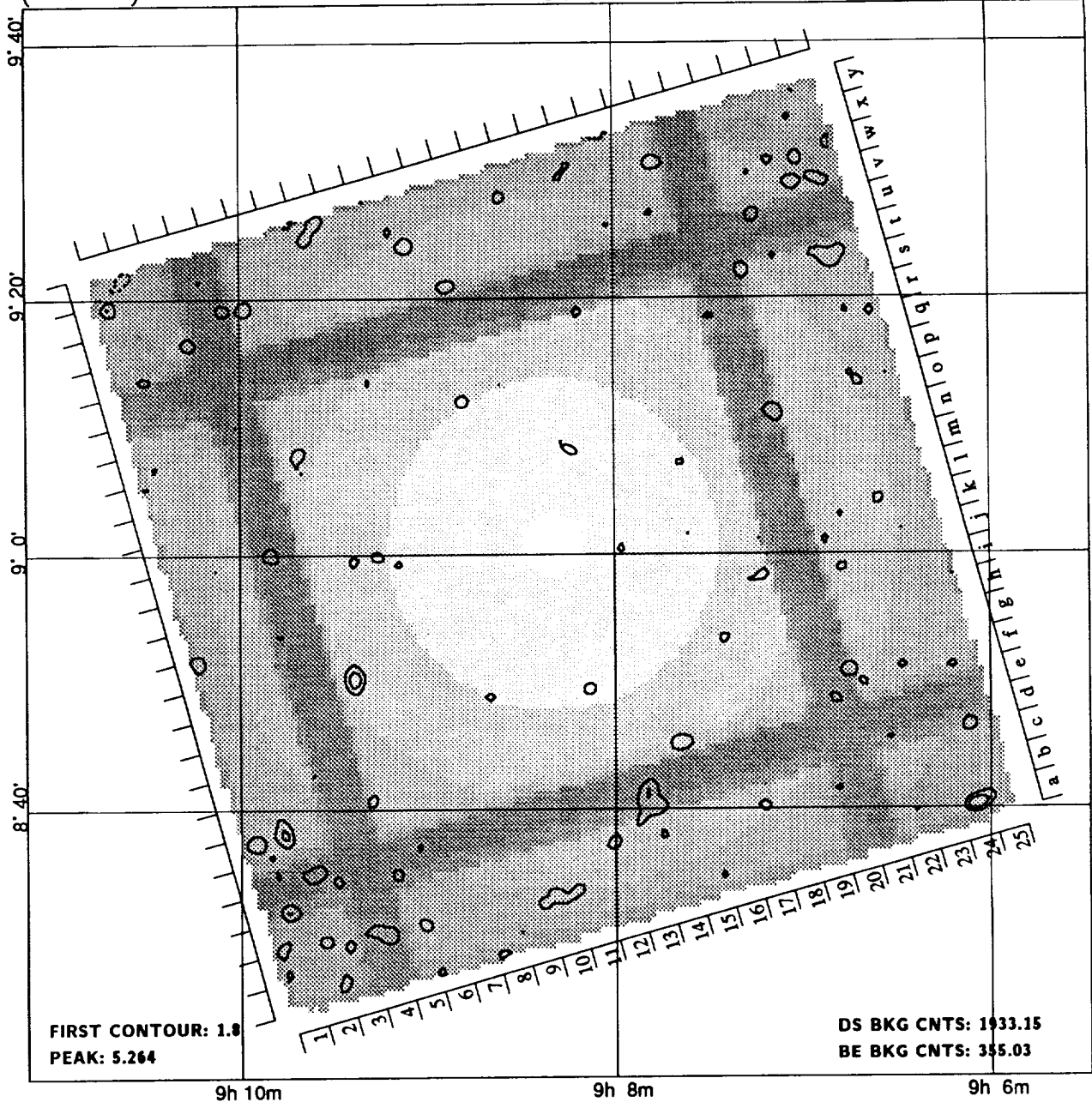
NH: $4.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(9h 8m)

I 3018

(9h 8m)



FIRST CONTOUR: 1.8
PEAK: 5.264

DS BKG CNTS: 1933.15
BE BKG CNTS: 355.03

9h 10m

9h 8m

9h 6m

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

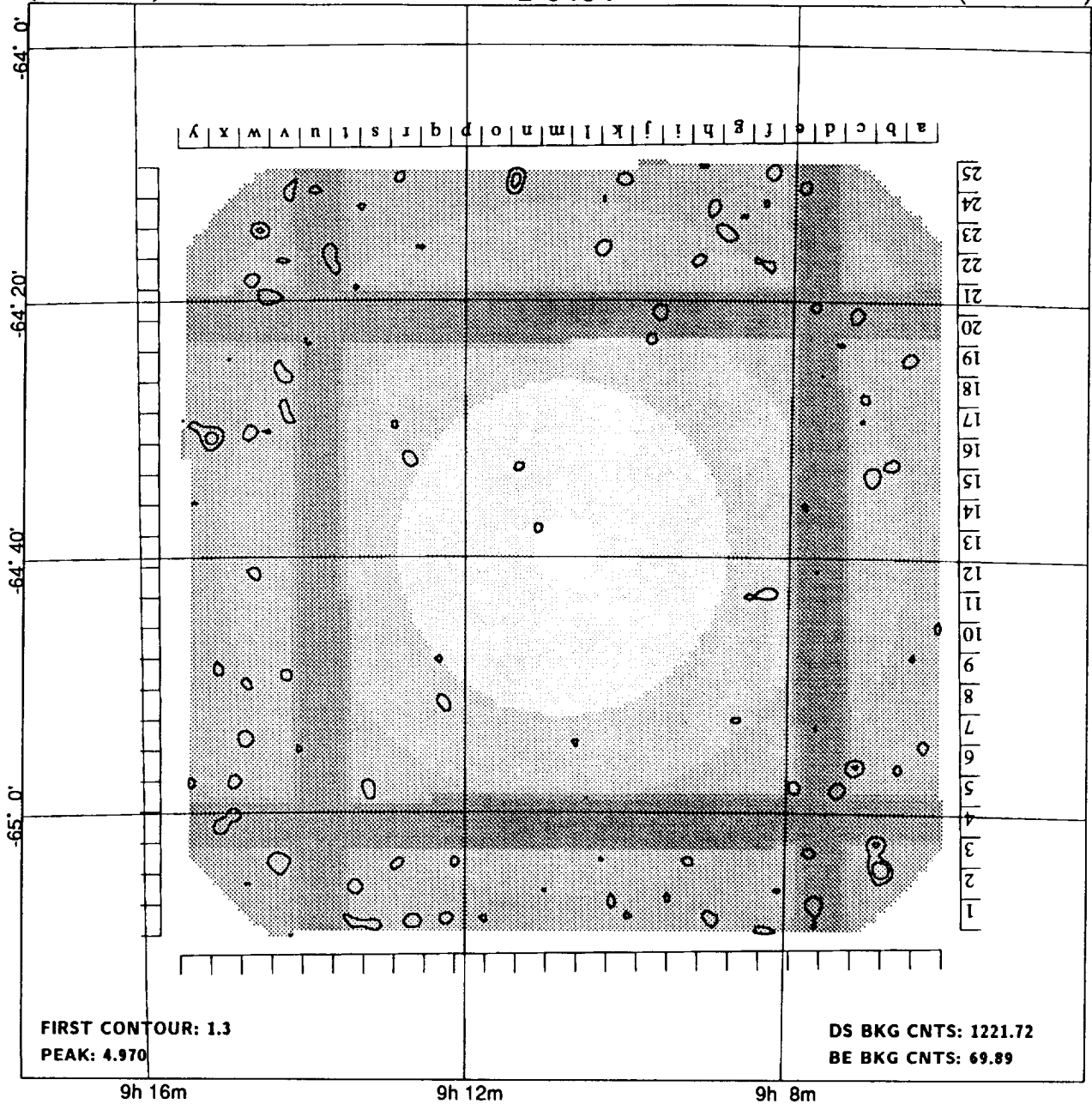
DATE: 1979/300 - 1979/300
LIVETIME: 1566.5s
ROLL ANGLE: -105.5°

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

(9h 10m)

I 6404

(9h 10m)



NGC 2808, GLOBULAR CLUSTER SURVEY

FIELD CENTER: $09^h 10^m 54.0^s$ $-64^\circ 38' 59''$ (B1950)
 $09^h 11^m 52.6^s$ $-64^\circ 51' 22''$ (J2000)
 $l: 282.17$ $b: -11.26$

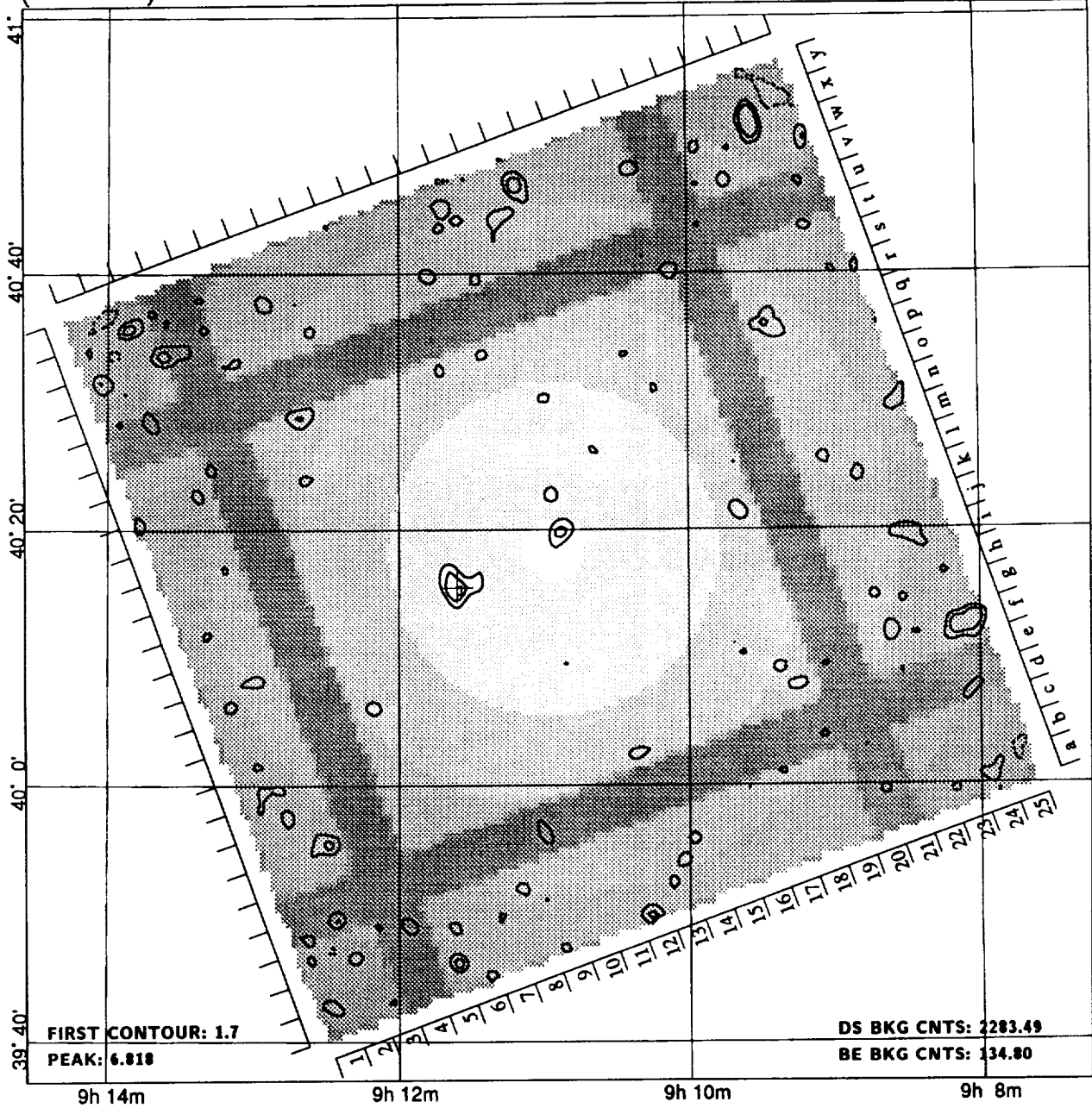
DATE: 1980/ 36 - 1980/ 36
 LIVETIME: 990.0s
 ROLL ANGLE: 179.4°

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

(9h 10m)

I 1941

(9h 10m)



NGC 2782: SEYFERT AND N-TYPE GALAXIESX

FIELD CENTER: $09^{\text{h}}10^{\text{m}}54.0^{\text{s}}$ $40^{\circ}18'59''$ (B1950)
 $09^{\text{h}}14^{\text{m}}05.4^{\text{s}}$ $40^{\circ}06'33''$ (J2000)
 $l: 182.16$ $b: 43.68$

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

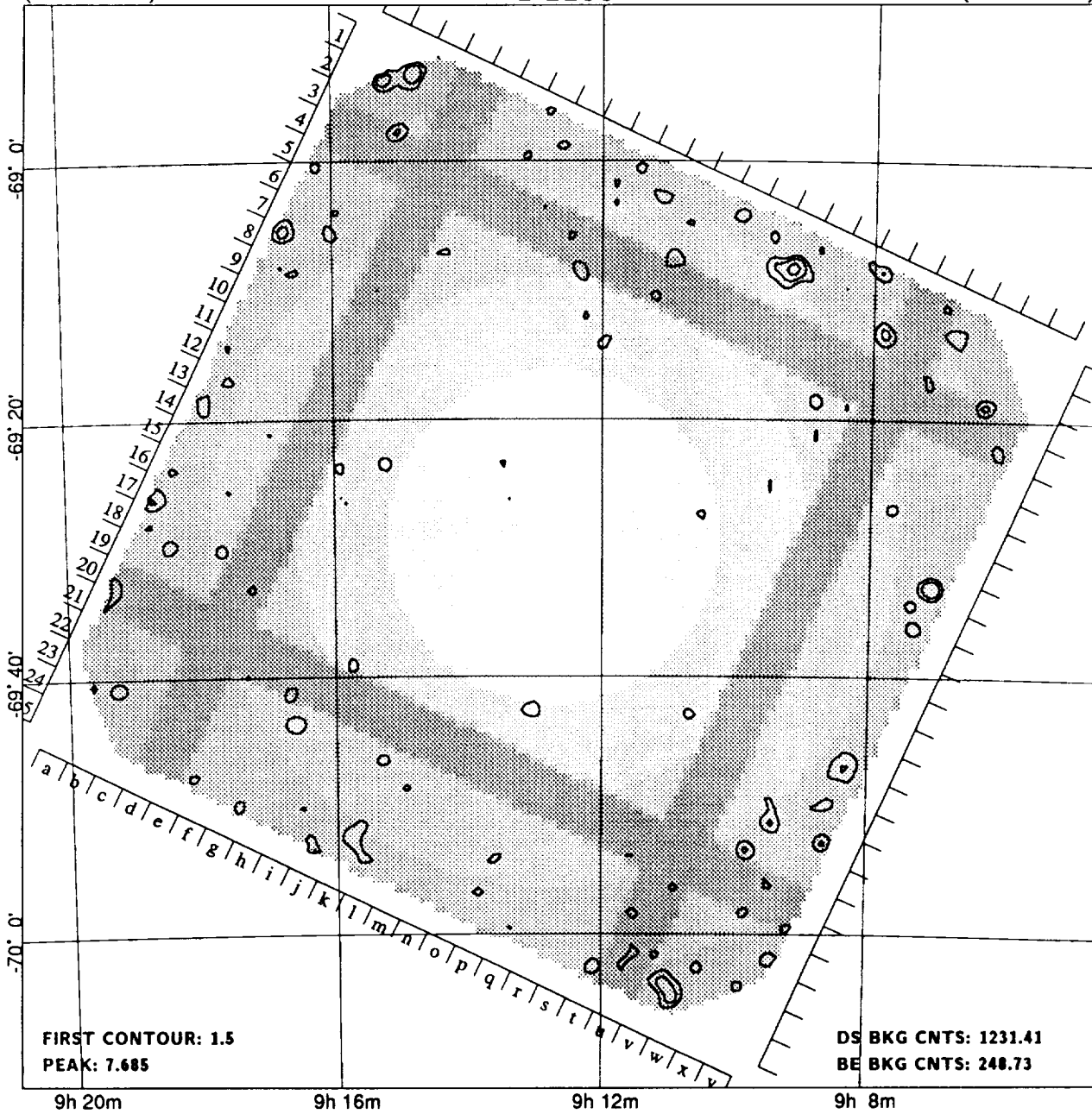
NH: $1.7\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: HD00007=BETA CAR

FIELD CENTER: $09^h 12^m 39.8^s$ $-69^\circ 29' 59''$ (B1950)
 $09^h 13^m 13.8^s$ $-69^\circ 42' 27''$ (J2000)
 $l: 285.97$ $b: -14.40$

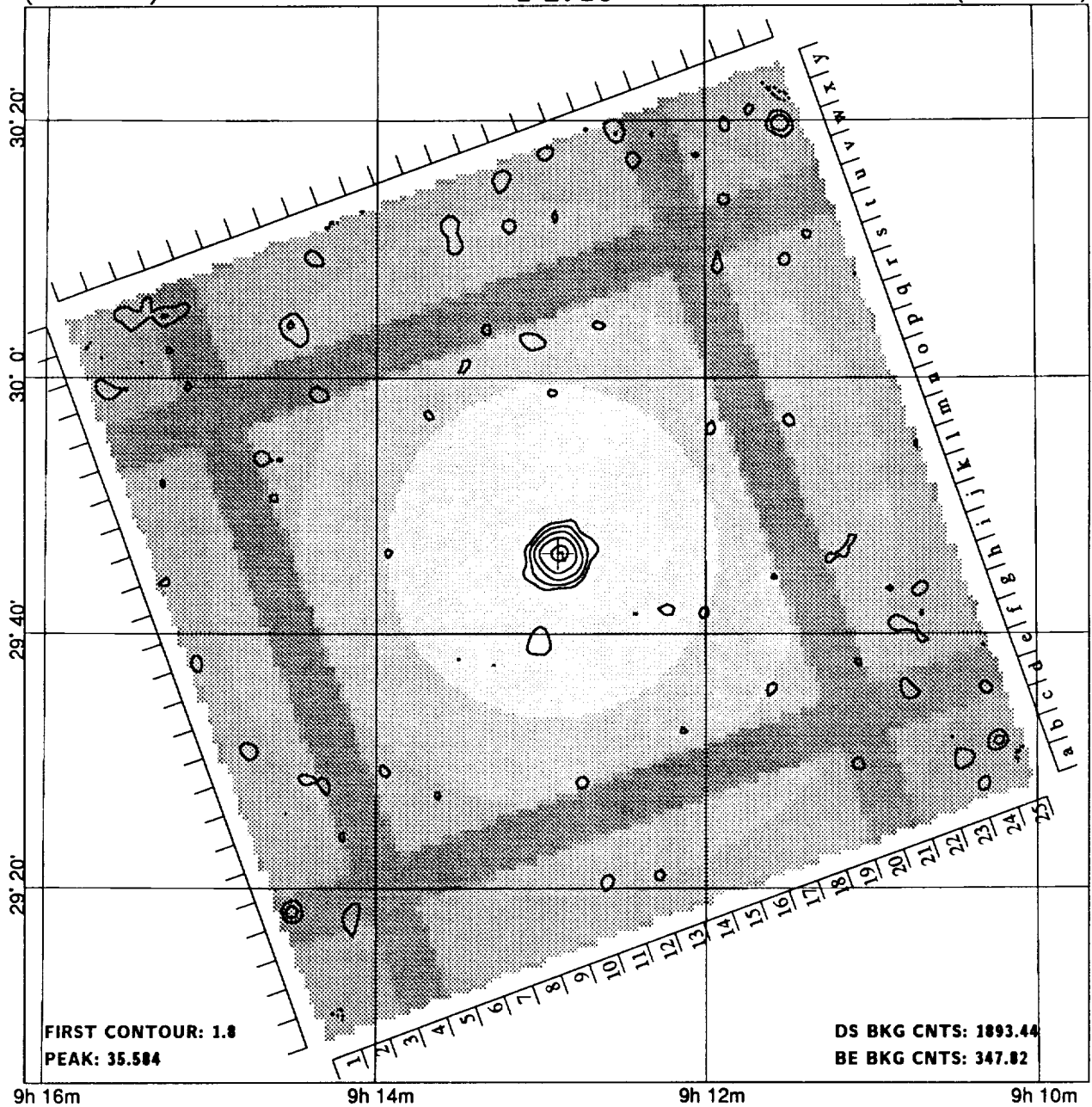
DATE: 1979/193 - 1979/193
 LIVETIME: 997.8s
 ROLL ANGLE: 25.1°

NH: $9.5E+20$
 REF/ID:
 FIELD FLAGS:

(9h 12m)

I 2716

(9h 12m)



QUASAR SURVEY: B30912+29

FIELD CENTER: $09^{\text{h}}12^{\text{m}}54.0^{\text{s}}$ $29^{\circ}46'59''$ (B1950)
 $09^{\text{h}}15^{\text{m}}52.9^{\text{s}}$ $29^{\circ}34'28''$ (J2000)
 $l: 196.63$ $b: 42.94$

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

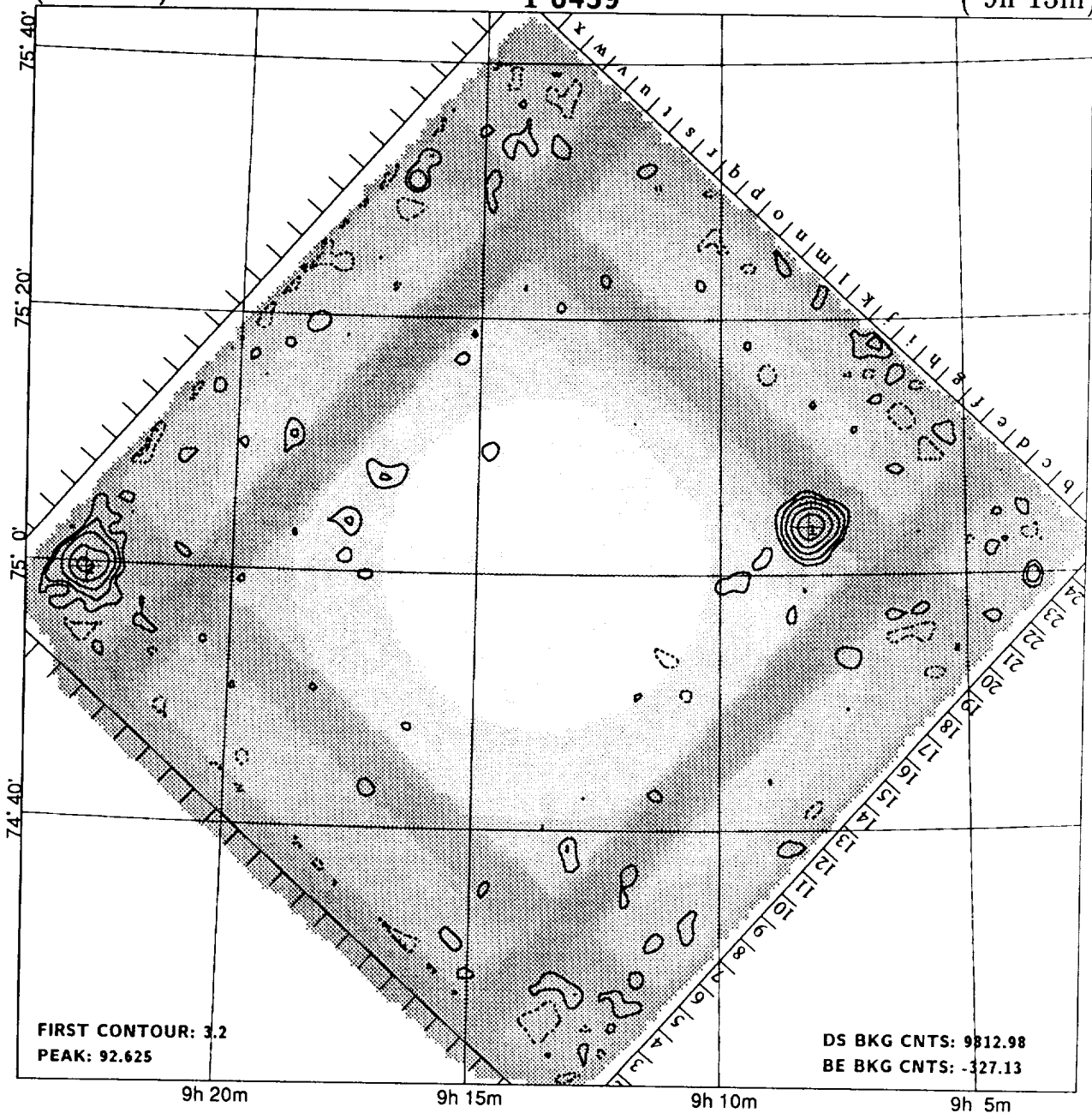
NH: $2.1\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(9h 13m)

I 8439

(9h 13m)



Mispointed

FIELD CENTER: $09^h 13^m 24.0^s$ $75^\circ 01' 59''$ (B1950)
 $09^h 18^m 40.4^s$ $74^\circ 49' 23''$ (J2000)
 $l: 137.84$ $b: 35.43$

DATE: 1980/266 - 1980/266

NH: 2.1E+20

LIVETIME: 7951.8s

REF/ID:

ROLL ANGLE: -138.1°

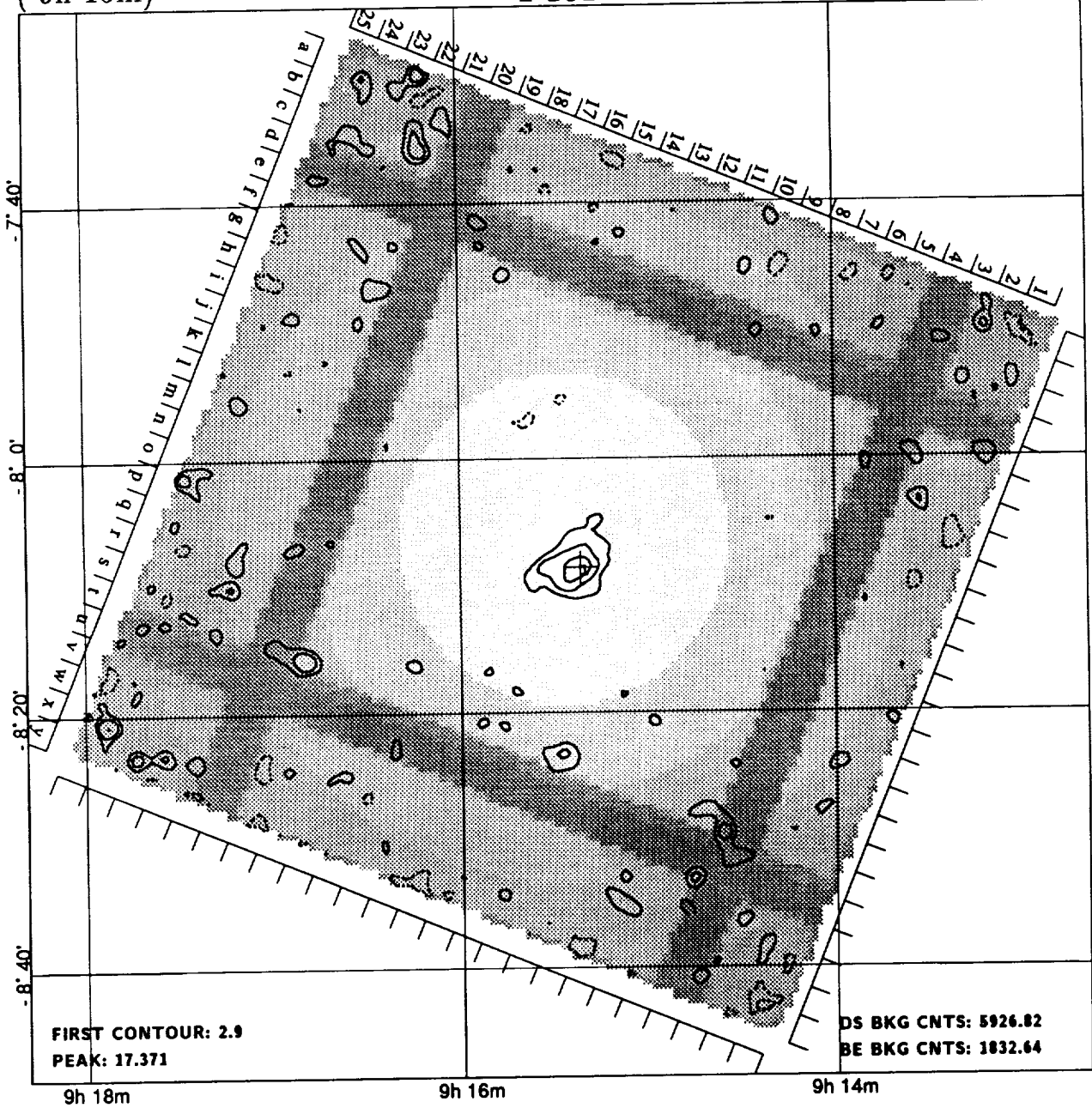
FIELD FLAGS:

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	

(9h 15m)

I 151

(9h 15m)



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°

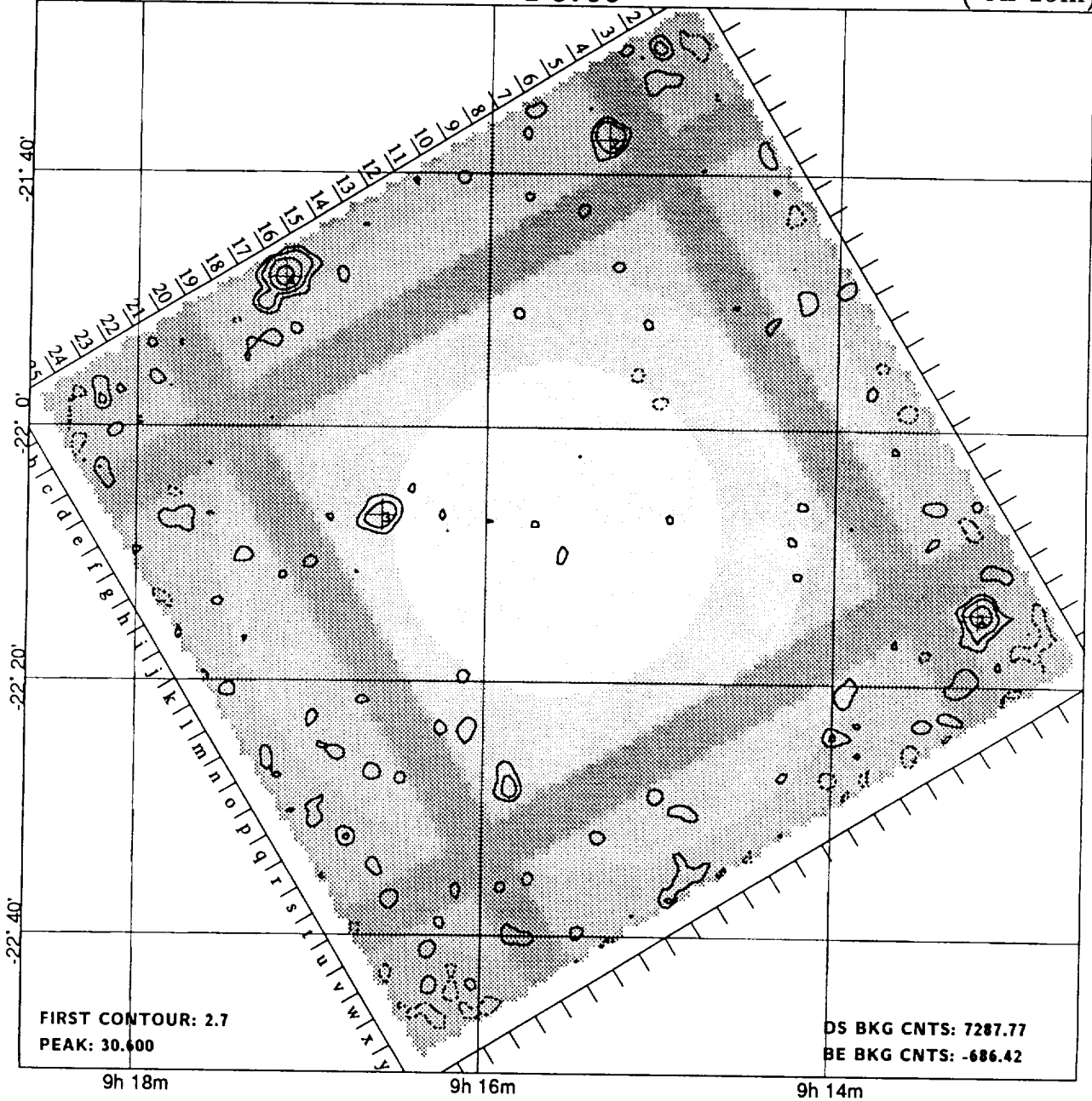
NH: 3.7E+20
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE ±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
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		

(9h 15m)

I 5790

(9h 15m)



9h 18m

9h 16m

9h 14m

NORMAL GALAXIES: N2835

FIELD CENTER: $09^h 15^m 36.0^s -22^\circ 08' 47''$ (B1950)
 $09^h 17^m 51.8^s -22^\circ 21' 26''$ (J2000)
 $l: 251.41 \quad b: 18.50$

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

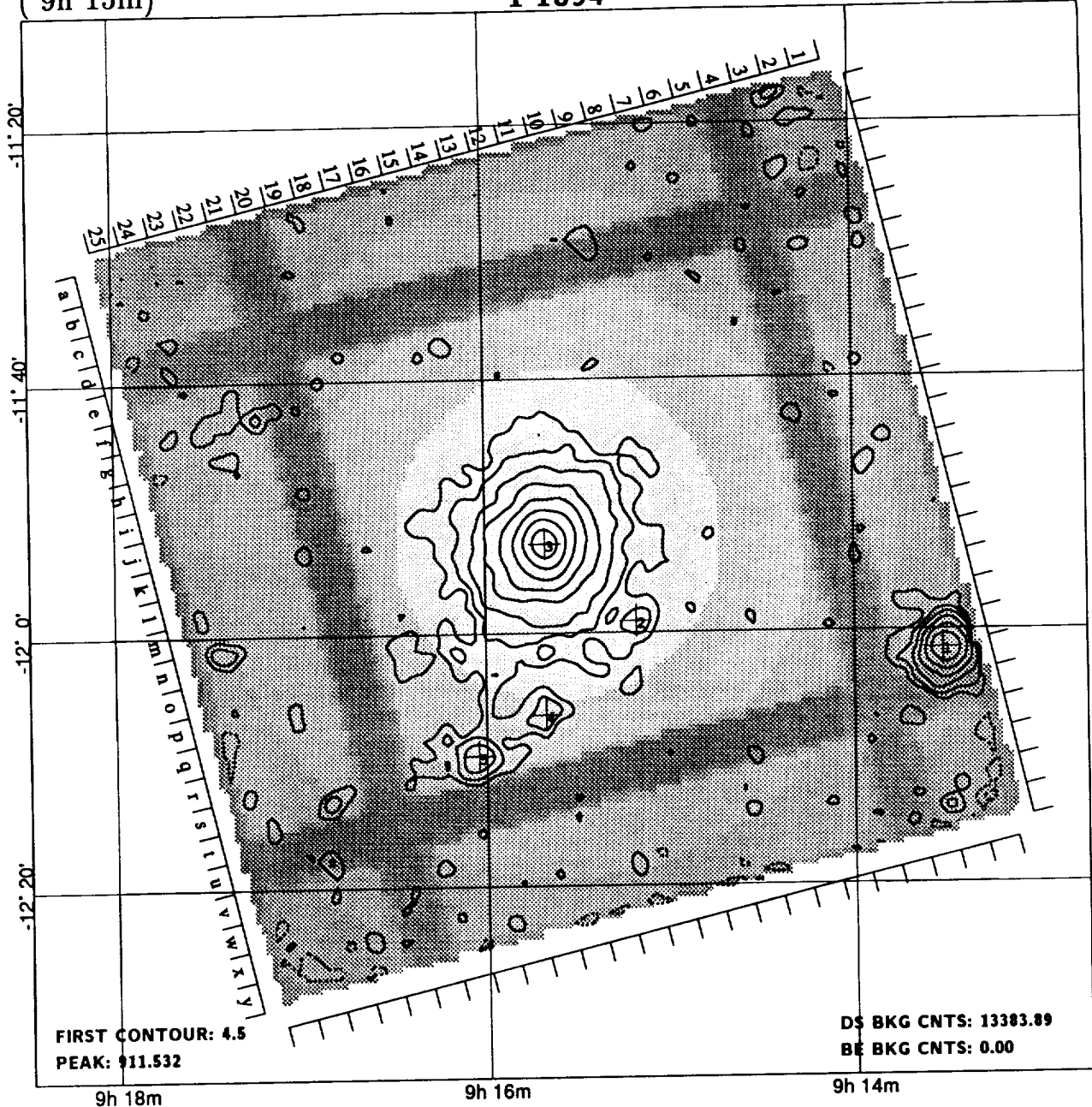
NH: $8.3E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE ±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(9h 15m)

I 1894

(9h 15m)



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

FIELD CENTER: 09^h 15^m 36.0^s -11° 52' 59" (B1950)
 09^h 16^m 00.4^s -12° 05' 38" (J2000)
 l : 242.91 b : 25.08

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

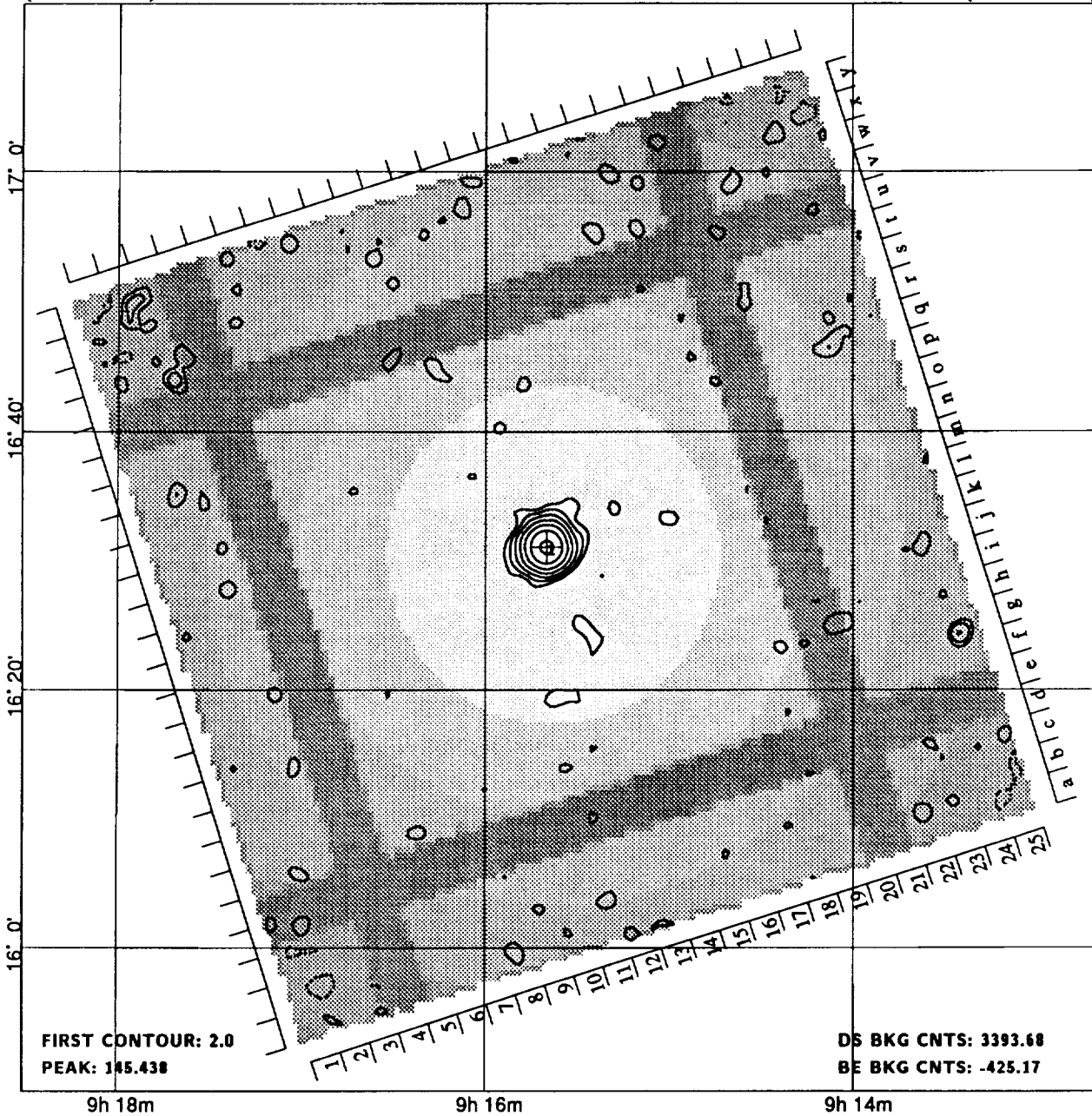
NH: 4.8E+20
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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	

(9h 15m)

I 3467

(9h 15m)



MKN 704, SEYFERT AND ACTIVE NUCLEI GALAXIES

FIELD CENTER: 09^h 15^m 36.0^s 16° 30' 59" (B1950)
 09^h 18^m 22.6^s 16° 18' 20" (J2000)
 l : 213.82 b : 39.71

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

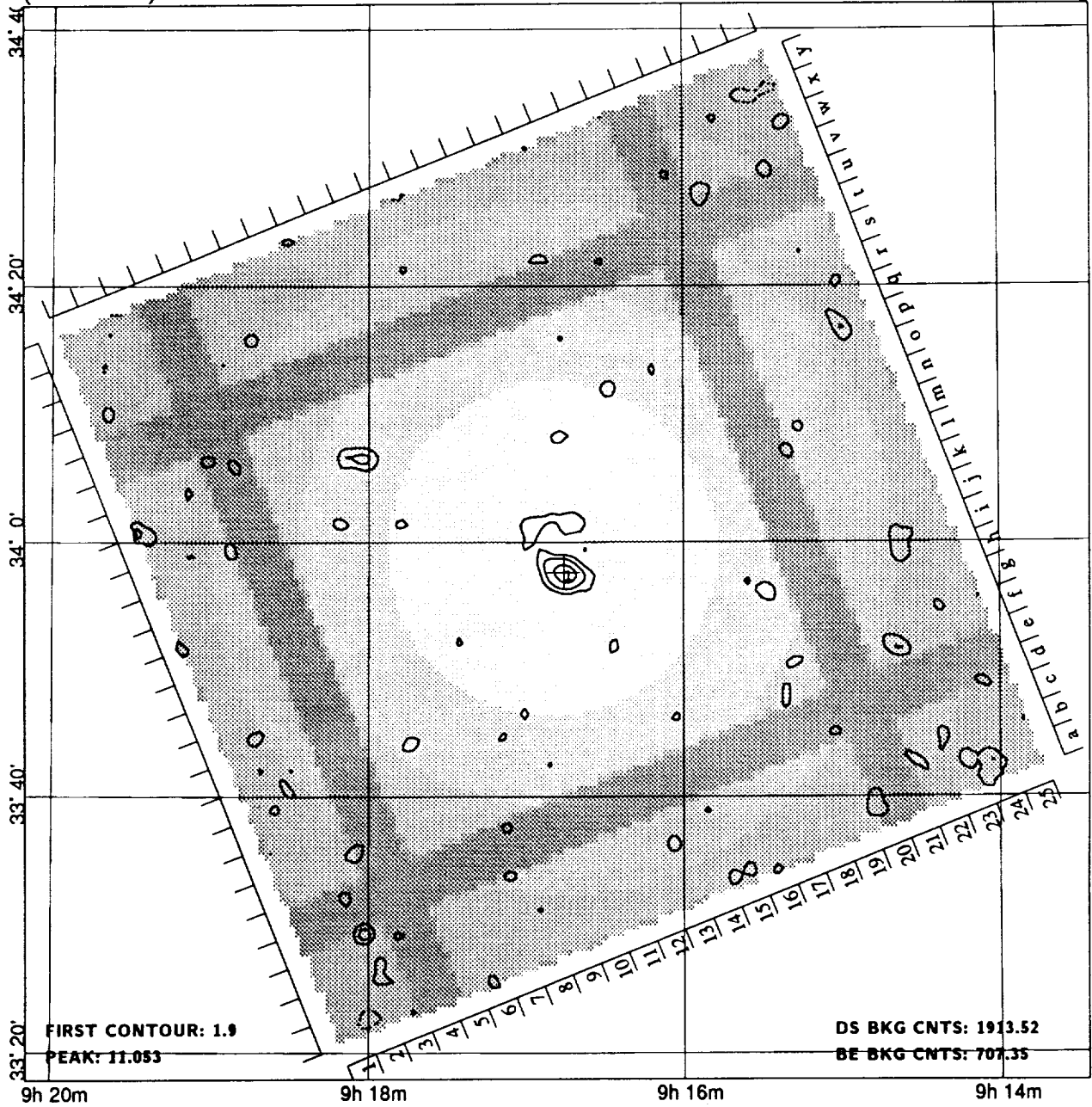
NH: 3.3E+20
 REF/ID:
 FIELD FLAGS:

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

(9h 16m)

I 1841

(9h 16m)



A779: X-RAY STUDY OF CLUSTERS OF GALAXIES

FIELD CENTER: $09^h 16^m 48.0^s$ $33^\circ 59' 59''$ (B1950)
 $09^h 19^m 50.8^s$ $33^\circ 47' 17''$ (J2000)
 $l: 191.04$ $b: 44.41$

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

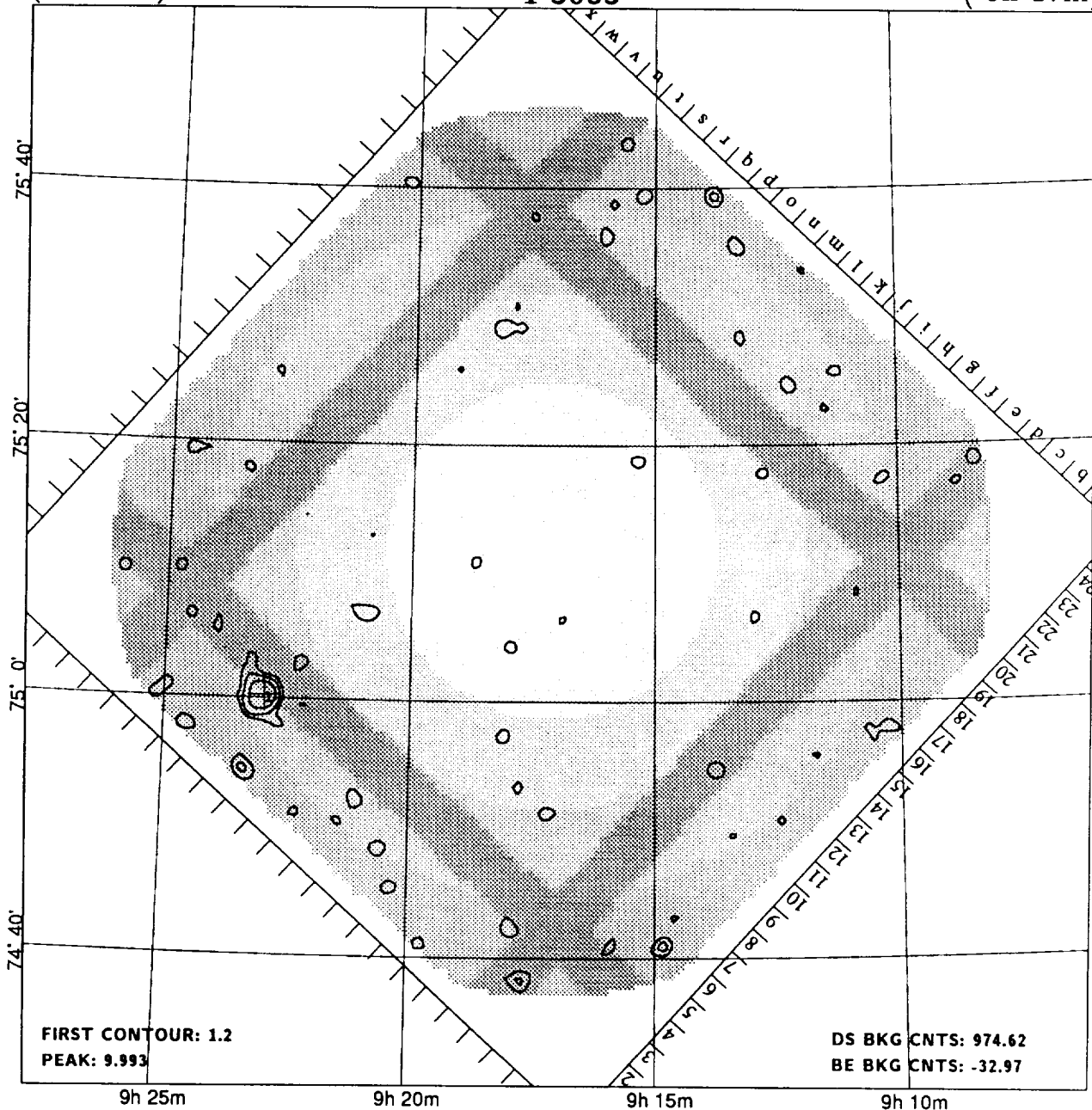
NH: $1.7E+20$
 REF/ID: !
 FIELD FLAGS:

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: $09^h 17^m 00.0^s$ $75^\circ 11' 59''$ (B1950)
 $09^h 22^m 15.3^s$ $74^\circ 59' 13''$ (J2000)
 $l: 137.52$ $b: 35.55$

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

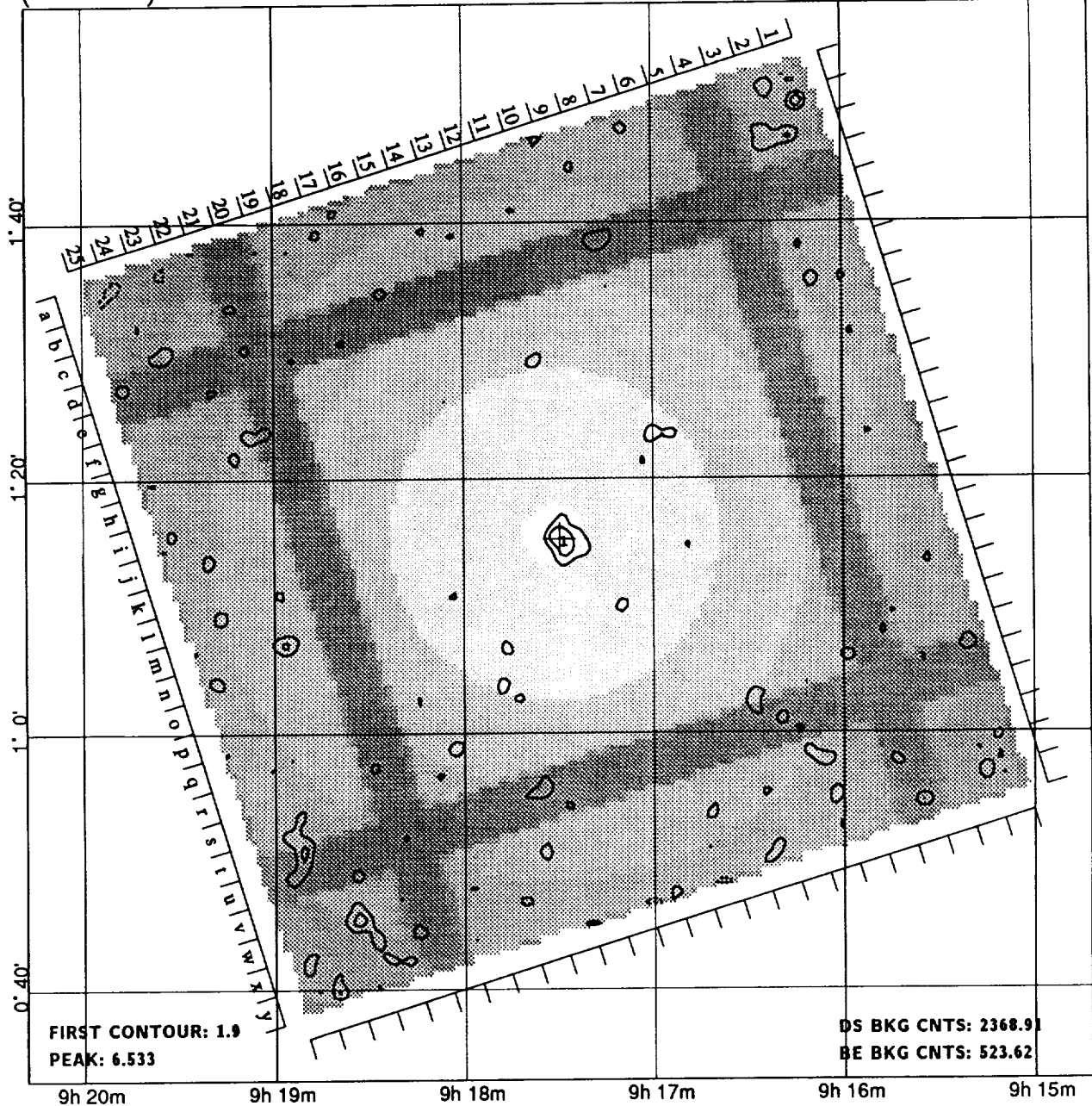
NH: $2.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	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	

(9h 17m)

I 6695

(9h 17m)



MKW 15: CD GALAXIES IN POOR CLUSTERS

FIELD CENTER: $09^{\text{h}}17^{\text{m}}30.0^{\text{s}}$ $01^{\circ}14'59''$ (B1950)
 $09^{\text{h}}20^{\text{m}}04.6^{\text{s}}$ $01^{\circ}02'15''$ (J2000)
 $l: 230.96$ $b: 33.08$

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

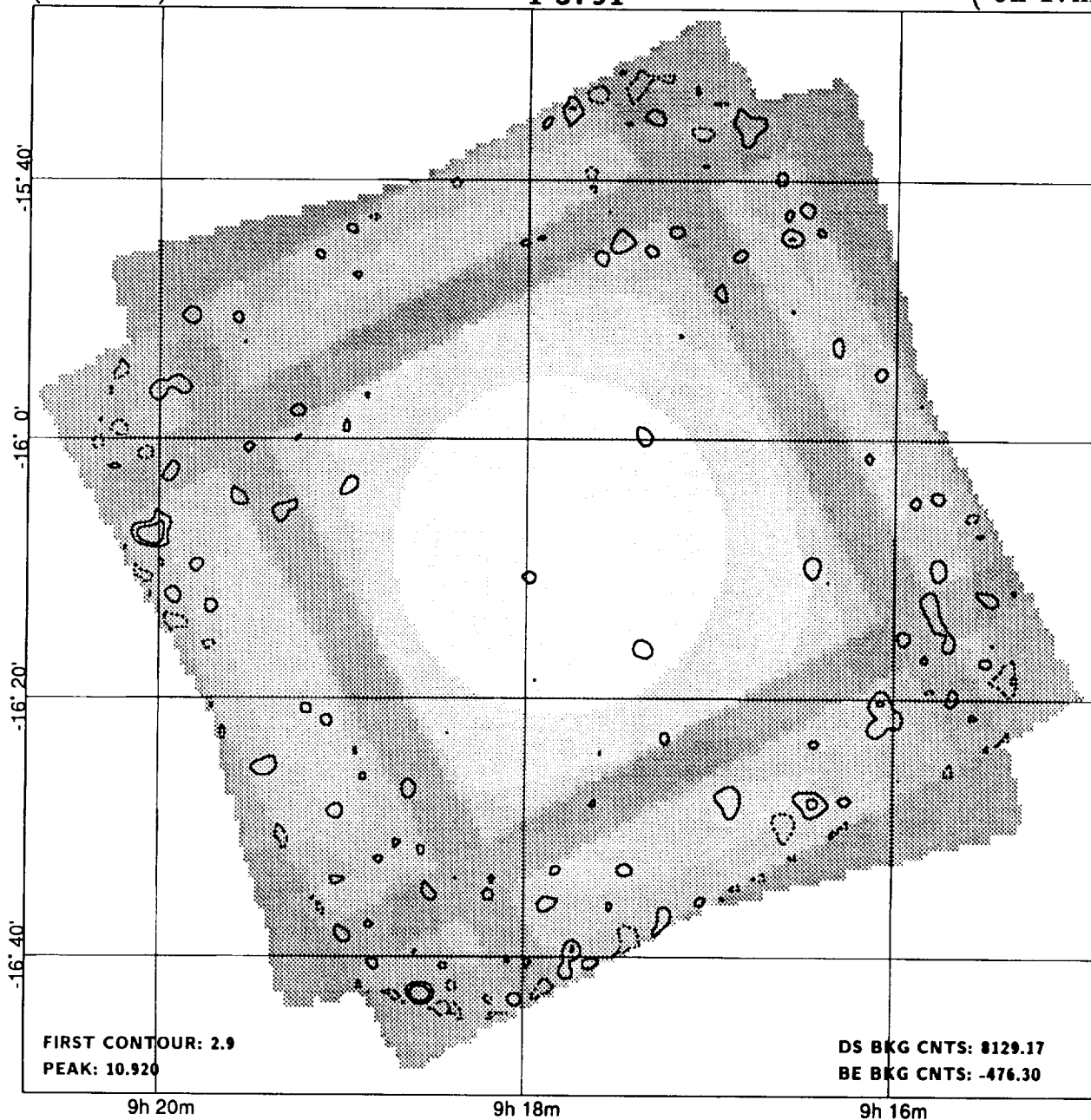
NH: $2.7\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(9h 17m)

I 5791

(9h 17m)



FIRST CONTOUR: 2.9
PEAK: 10.920

DS BKG CNTS: 8129.17
BE BKG CNTS: -476.30

NORMAL GALAXIES: N2848

FIELD CENTER: $09^h 17^m 48.0^s$ $-16^\circ 08' 47''$ (B1950)
 $09^h 20^m 09.1^s$ $-16^\circ 21' 32''$ (J2000)
 $l: 246.90$ $b: 22.81$

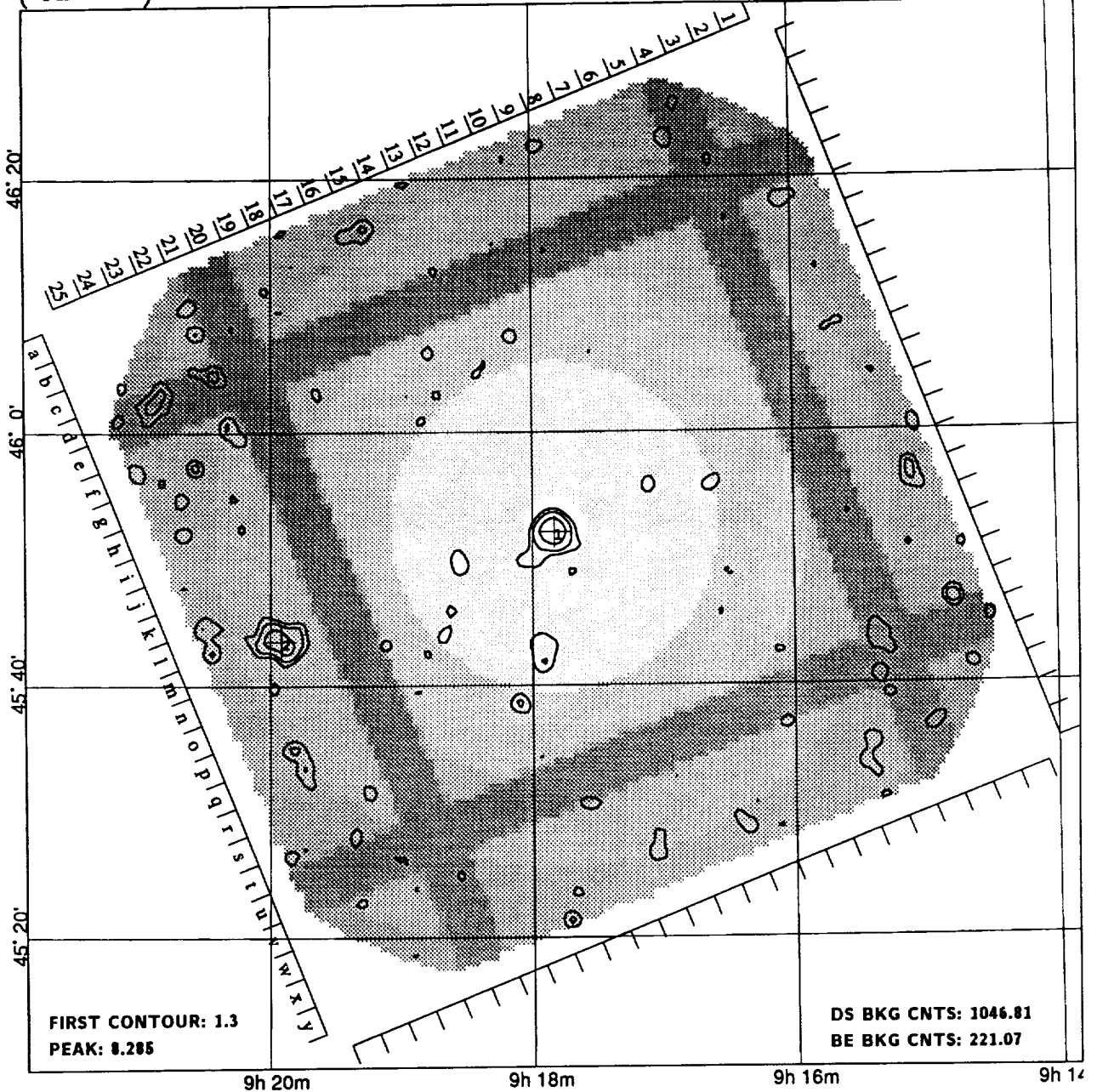
DATE: 1980/125 - 1980/157
LIVETIME: 6587.3s

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

(9h 17m)

I 6315

(9h 17m)



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°

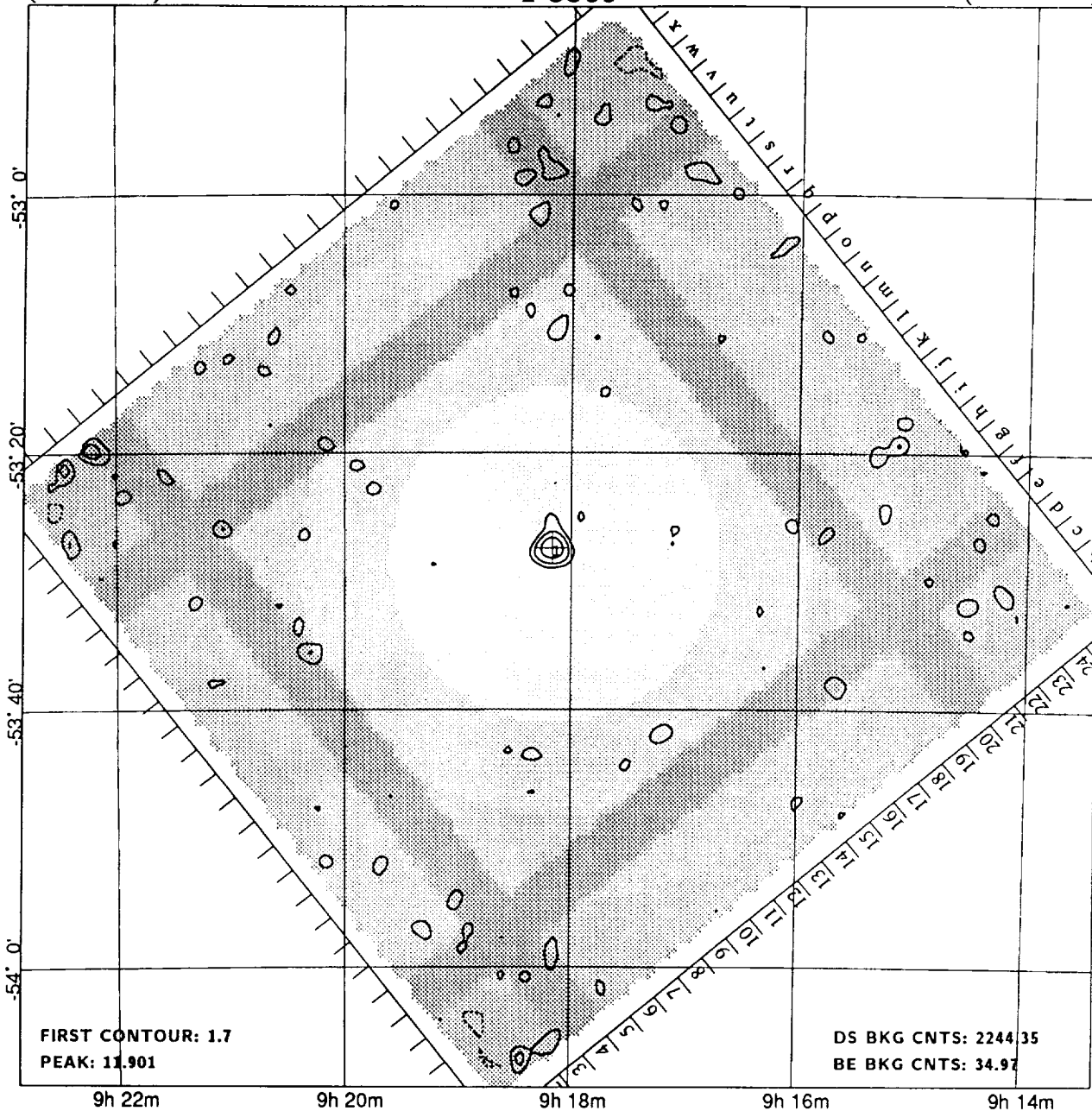
NH: 1.5E+20
 REF/ID:
 FIELD FLAGS:

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°

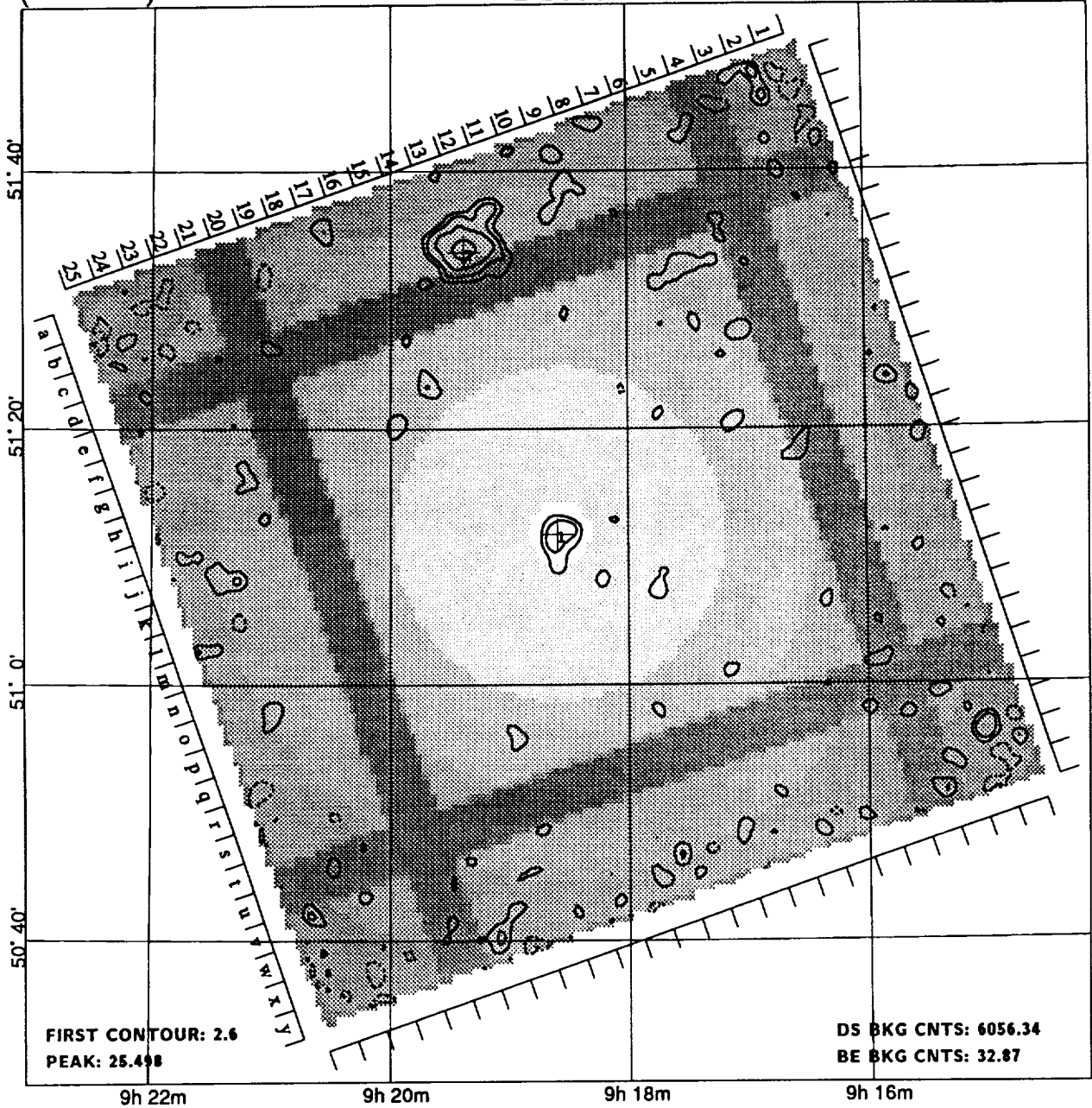
NH: 1.6E+21
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(9h 18m)

I 2099

(9h 18m)



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°

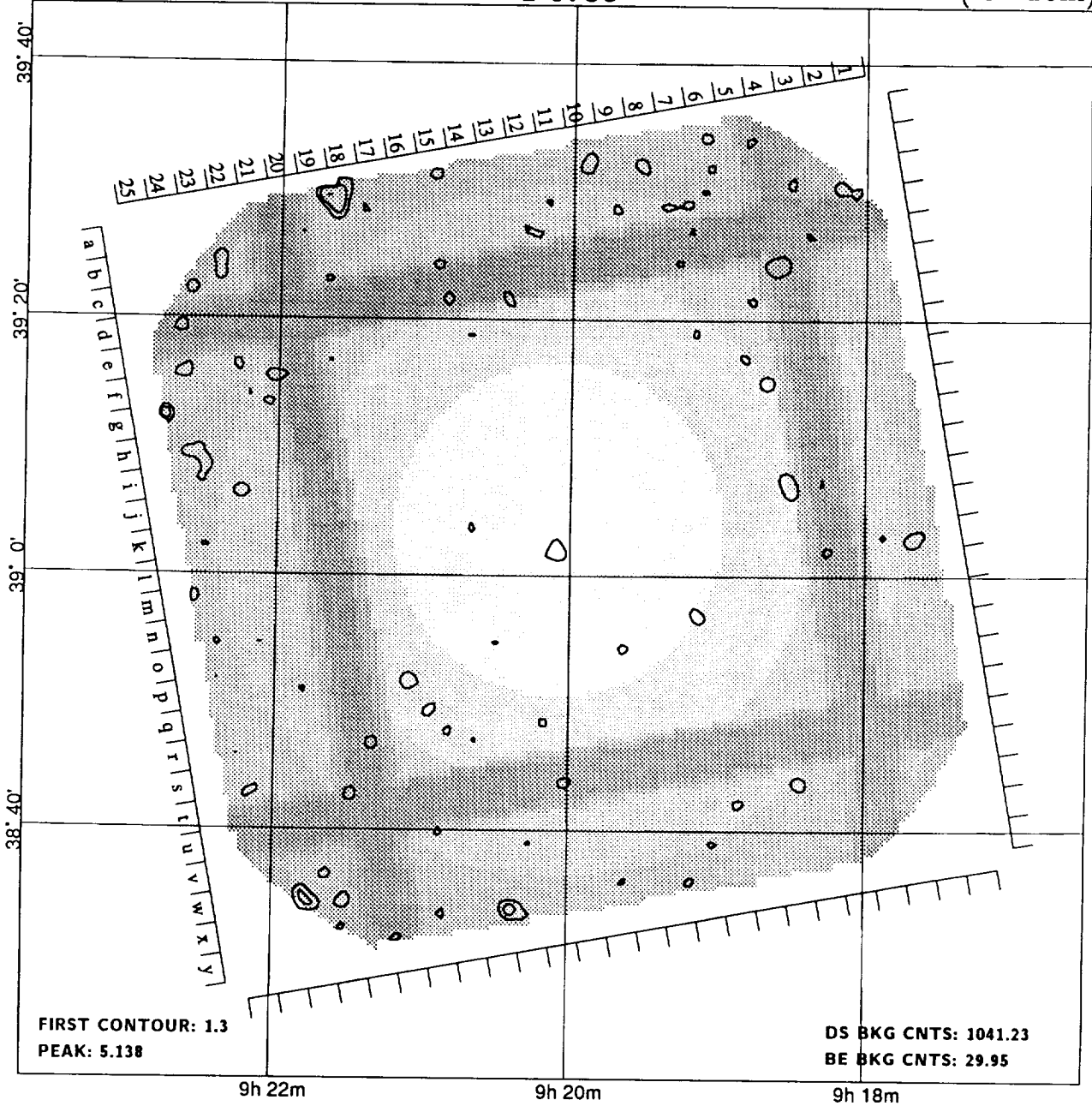
NH: 1.4E+20
 REF/ID:
 FIELD FLAGS:

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

(9h 20m)

I 6738

(9h 20m)



SEARCH FOR HIGH LX QSO'S: 14

FIELD CENTER: $09^h 20^m 06.3^s$ $39^\circ 02' 31''$ (B1950)
 $09^h 23^m 14.4^s$ $38^\circ 49' 39''$ (J2000)
 $l: 184.00$ $b: 45.42$

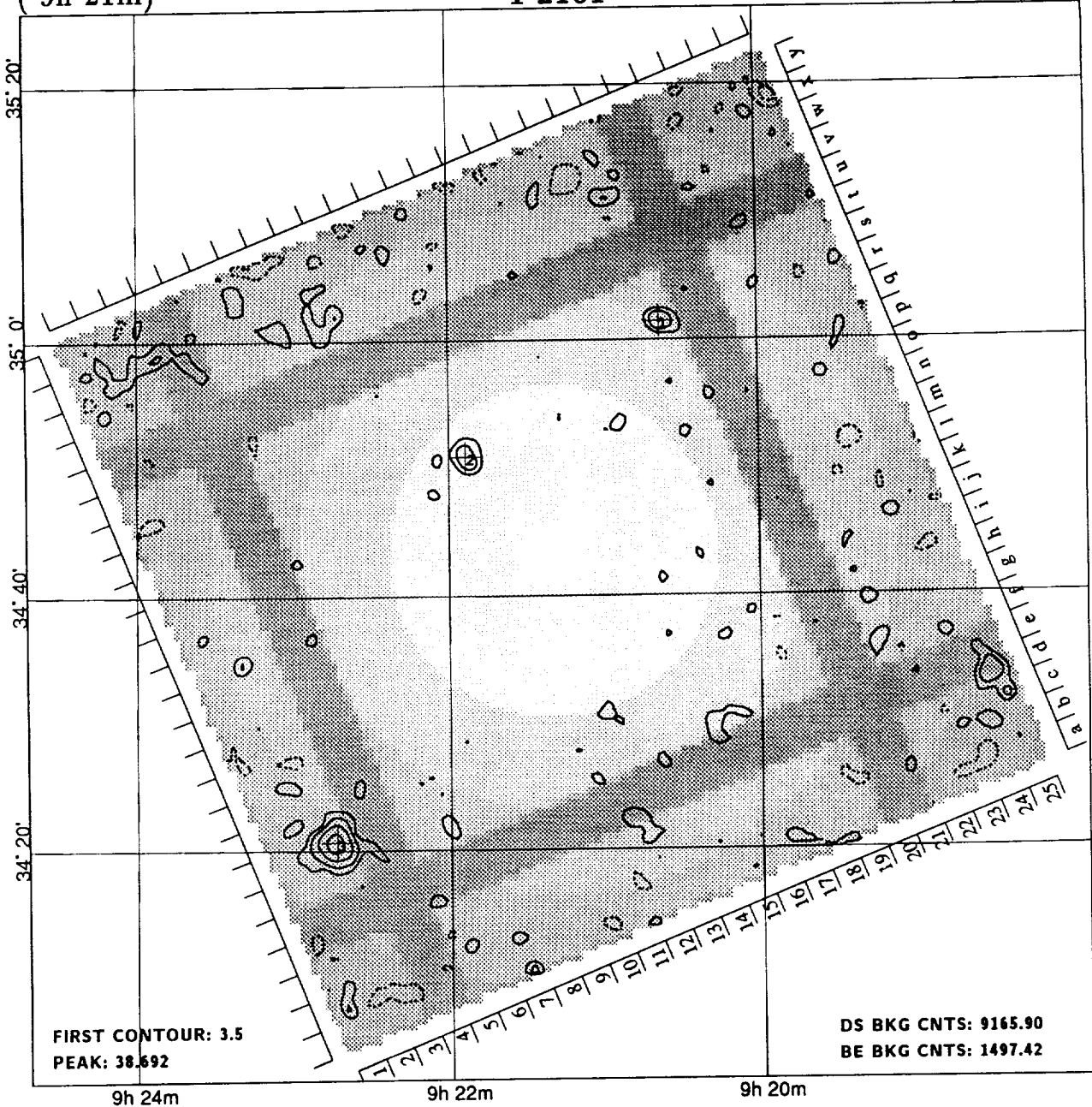
DATE: 1980/136 - 1980/136
 LIVETIME: 843.7s
 ROLL ANGLE: 79.8°

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

(9h 21m)

I 2101

(9h 21m)



X-RAY SURVEY OF NORMAL GALAXIES: NGC2859

FIELD CENTER: $09^h 21^m 18.0^s$ $34^\circ 43' 59''$ (B1950)
 $09^h 24^m 20.9^s$ $34^\circ 31' 04''$ (J2000)
 $l: 190.15$ $b: 45.41$

DATE: 1979/298 - 1979/299
 LIVETIME: 7427.4s
 ROLL ANGLE: -112.0°

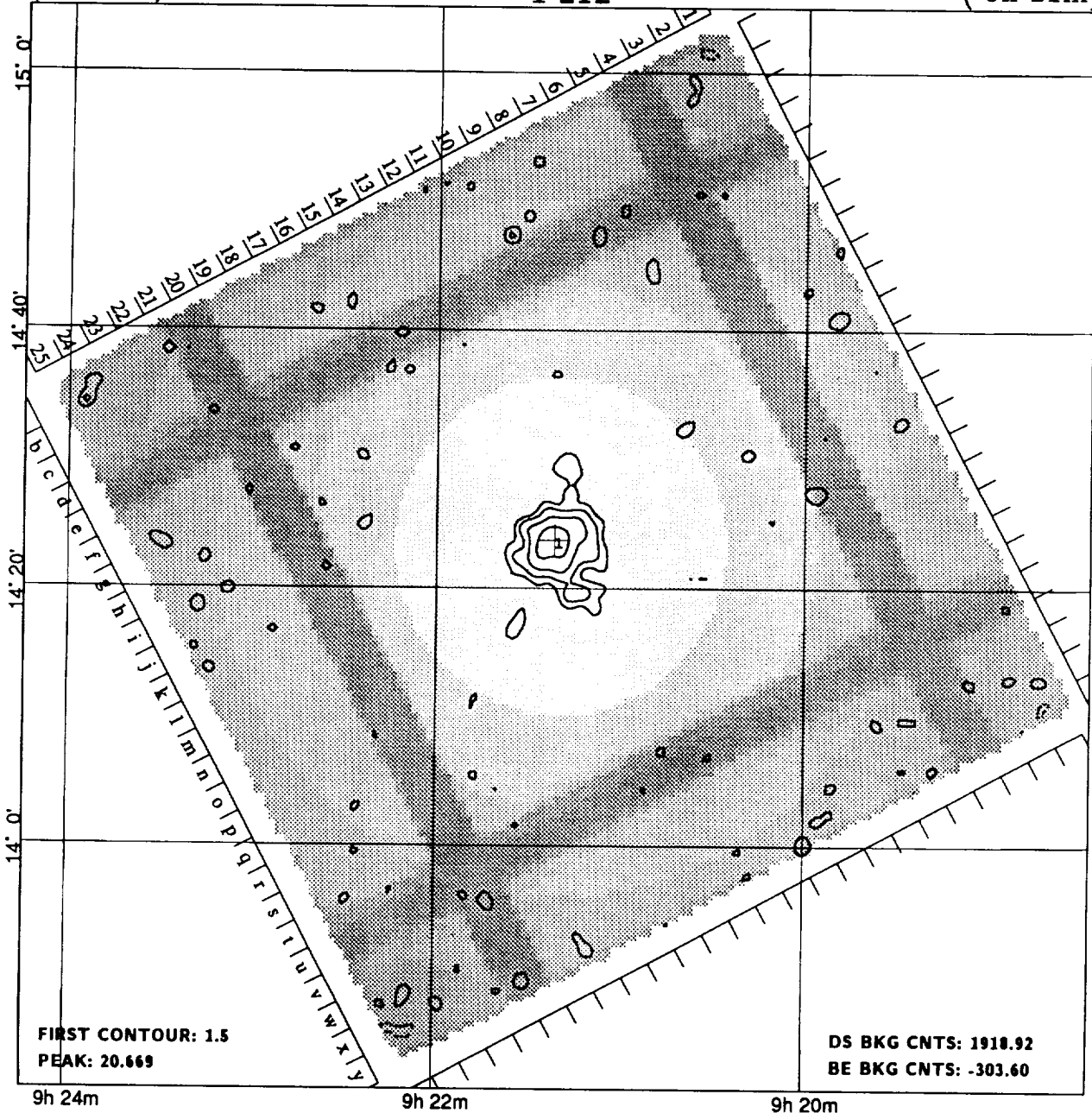
NH: $1.5E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(9h 21m)

I 212

(9h 21m)



A 795 CLUSTER EVOLUTION

FIELD CENTER: $09^h 21^m 21.0^s$ $14^\circ 22' 59''$ (B1950)
 $09^h 24^m 05.5^s$ $14^\circ 10' 04''$ (J2000)
 $l: 217.08$ $b: 40.15$

DATE: 1979/141 - 1979/141
 LIVETIME: 1554.9s
 ROLL ANGLE: 61.9°

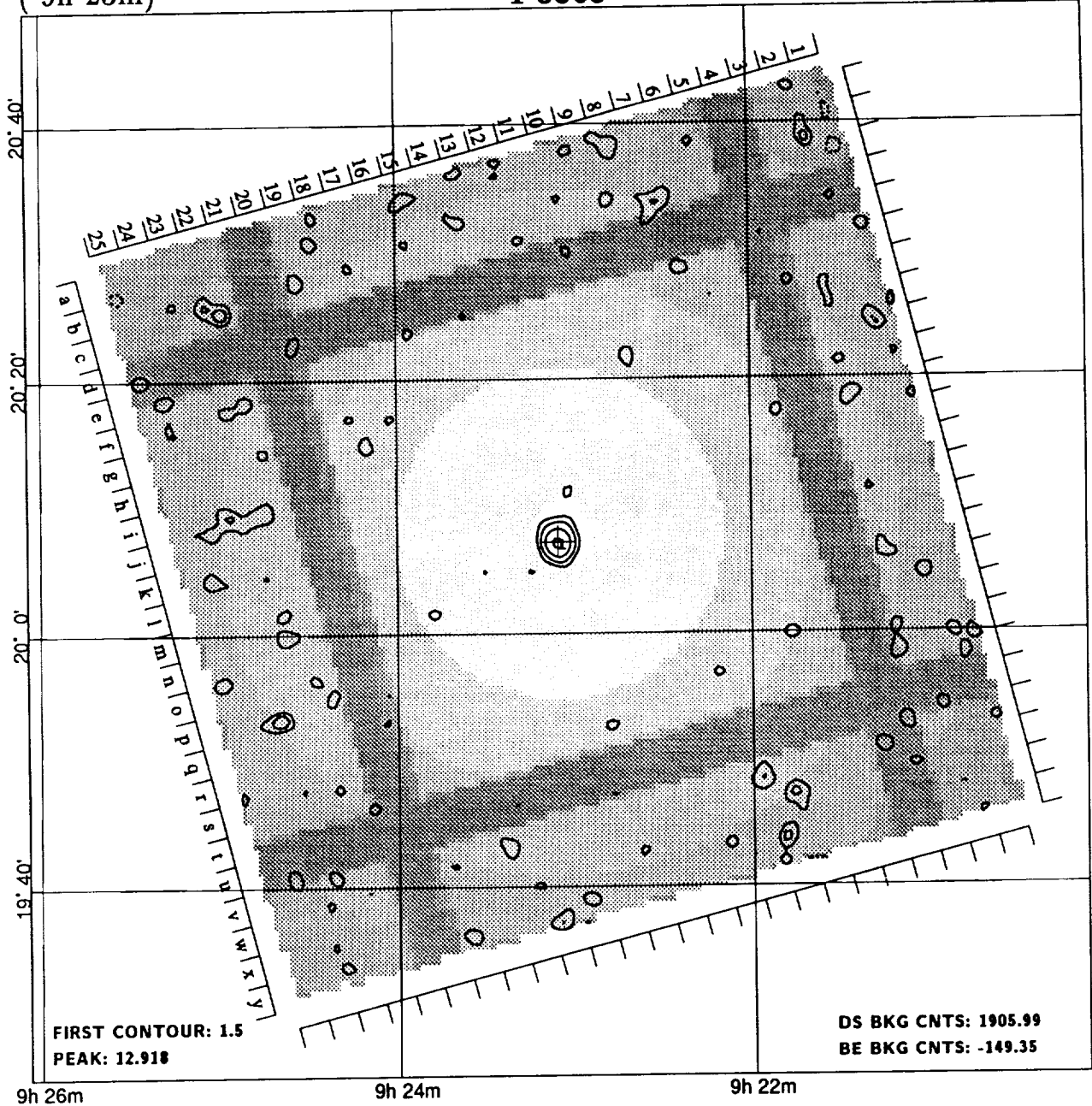
NH: $3.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(9h 23m)

I 5365

(9h 23m)



SURVEY OF BRIGHT QUASARS (PG)

FIELD CENTER: $09^h 23^m 05.6^s$ $20^\circ 07' 05''$ (B1950)
 $09^h 25^m 54.6^s$ $19^\circ 54' 05''$ (J2000)
 $l: 210.18$ $b: 42.65$

DATE: 1980/130 - 1980/130
 LIVETIME: 1599.9s
 ROLL ANGLE: 75.4°

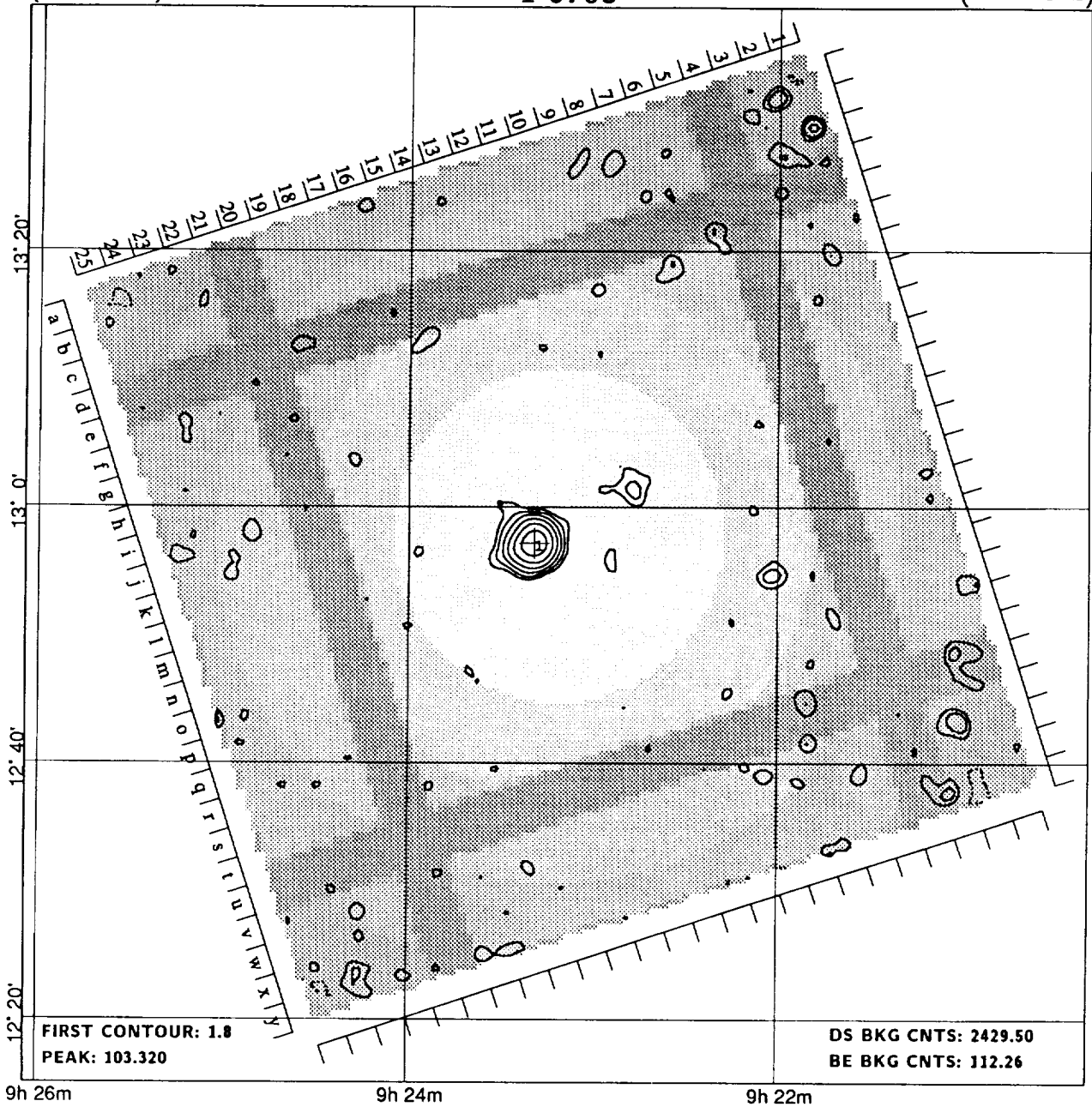
NH: $3.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(9h 23m)

I 6708

(9h 23m)



9h 26m

9h 24m

9h 22m

SEYFERT SURVEY: MKN 705

FIELD CENTER: $09^h 23^m 12.0^s$ $12^\circ 56' 59''$ (B1950)
 $09^h 25^m 55.3^s$ $12^\circ 43' 59''$ (J2000)
 $l: 219.03$ $b: 39.97$

DATE: 1980/129 - 1980/129
 LIVETIME: 2039.4s
 ROLL ANGLE: 72.0°

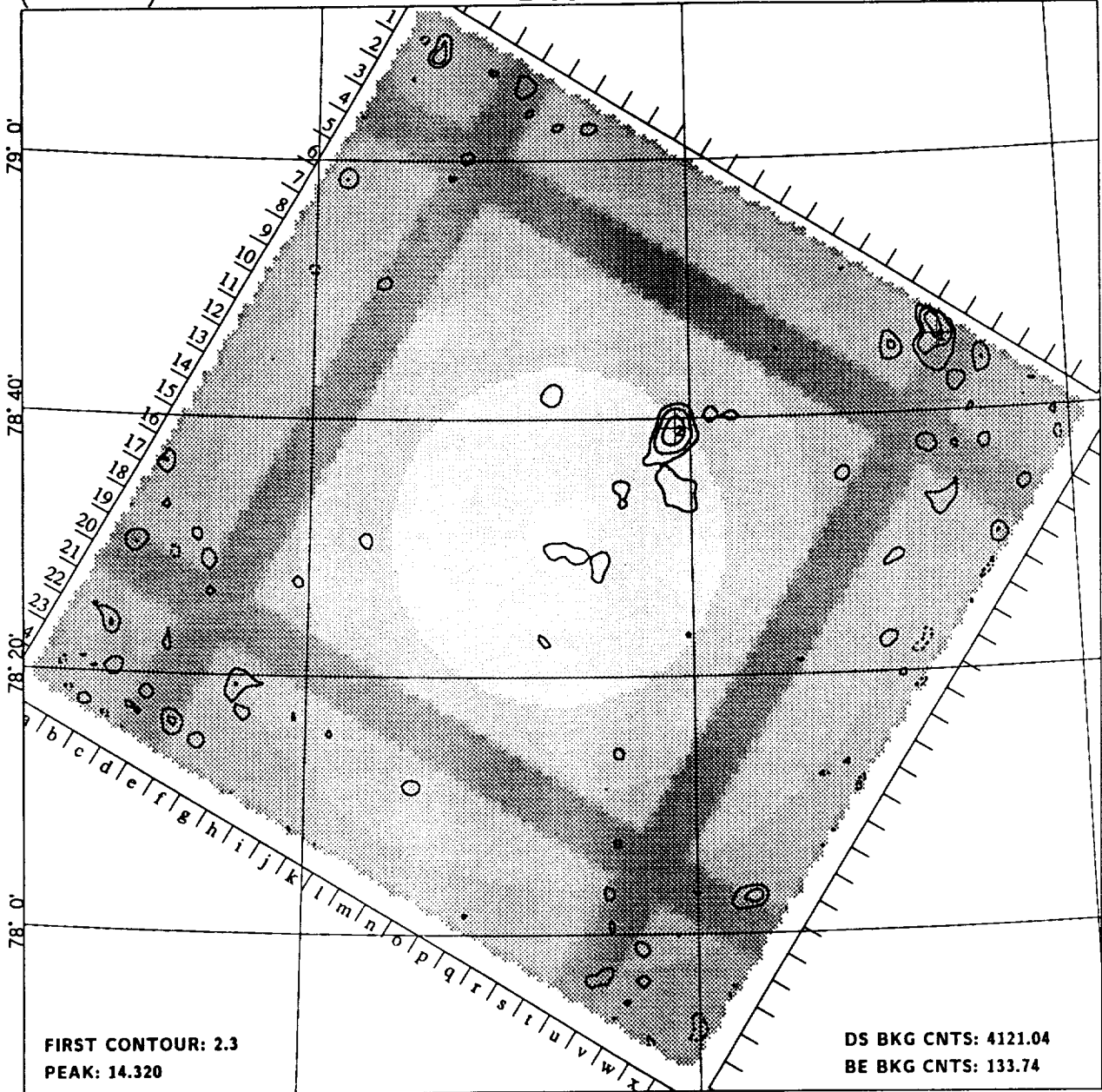
NH: $3.5E+20$
 REF/ID: *
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(9h 23m)

I 6844

(9h 23m)



A777, OBSERVATIONS OF BUTCHER-OEMLER CLUSTERS

FIELD CENTER: 09^h 23^m 24.0^s 78° 29' 59" (B1950)
 09^h 29^m 19.7^s 78° 16' 54" (J2000)
l: 133.85 *b*: 34.15

DATE: 1980/ 70 - 1980/ 71
 LIVETIME: 3459.3s
 ROLL ANGLE: 31.1°

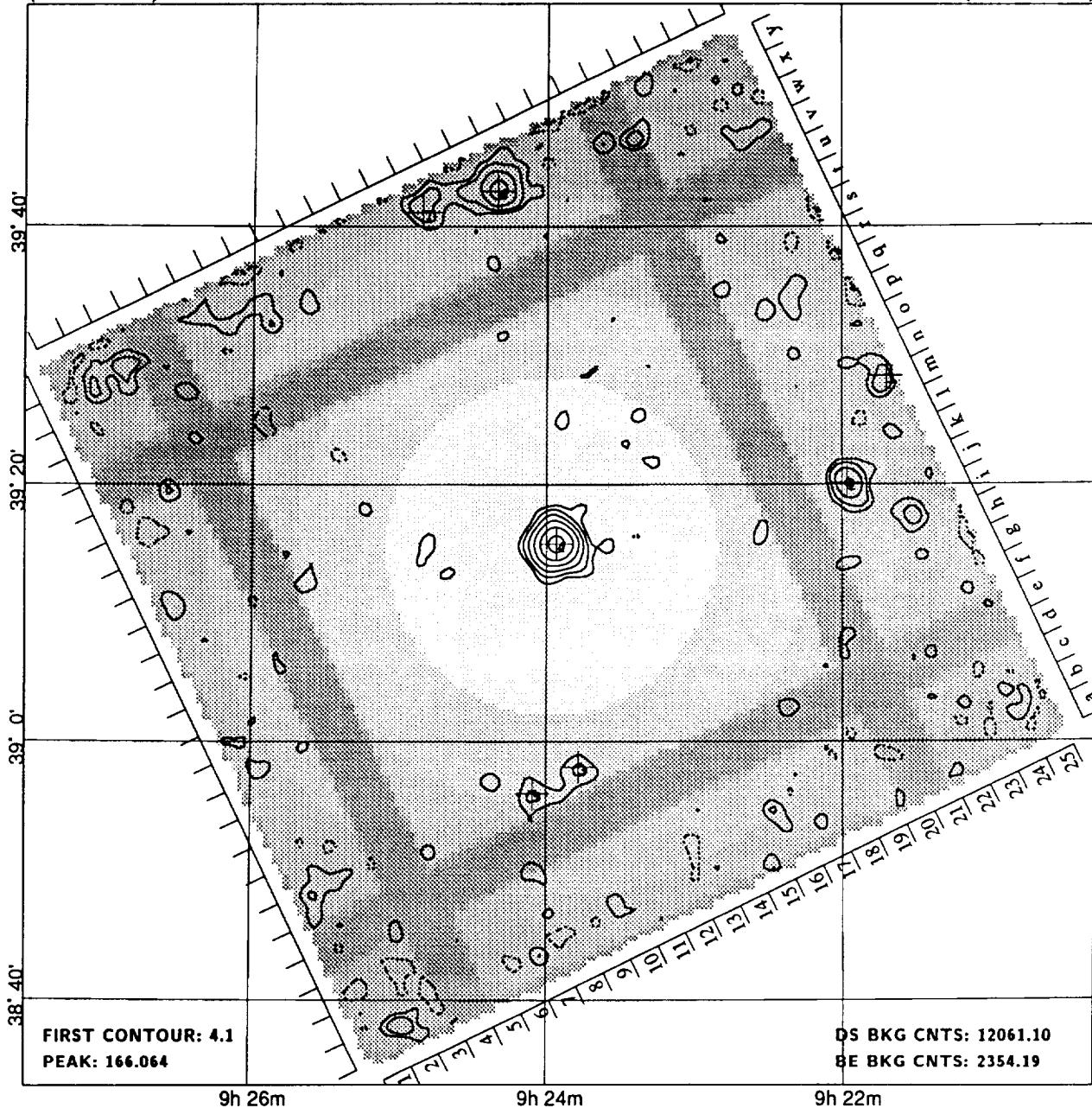
NH: 1.8E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE ±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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°

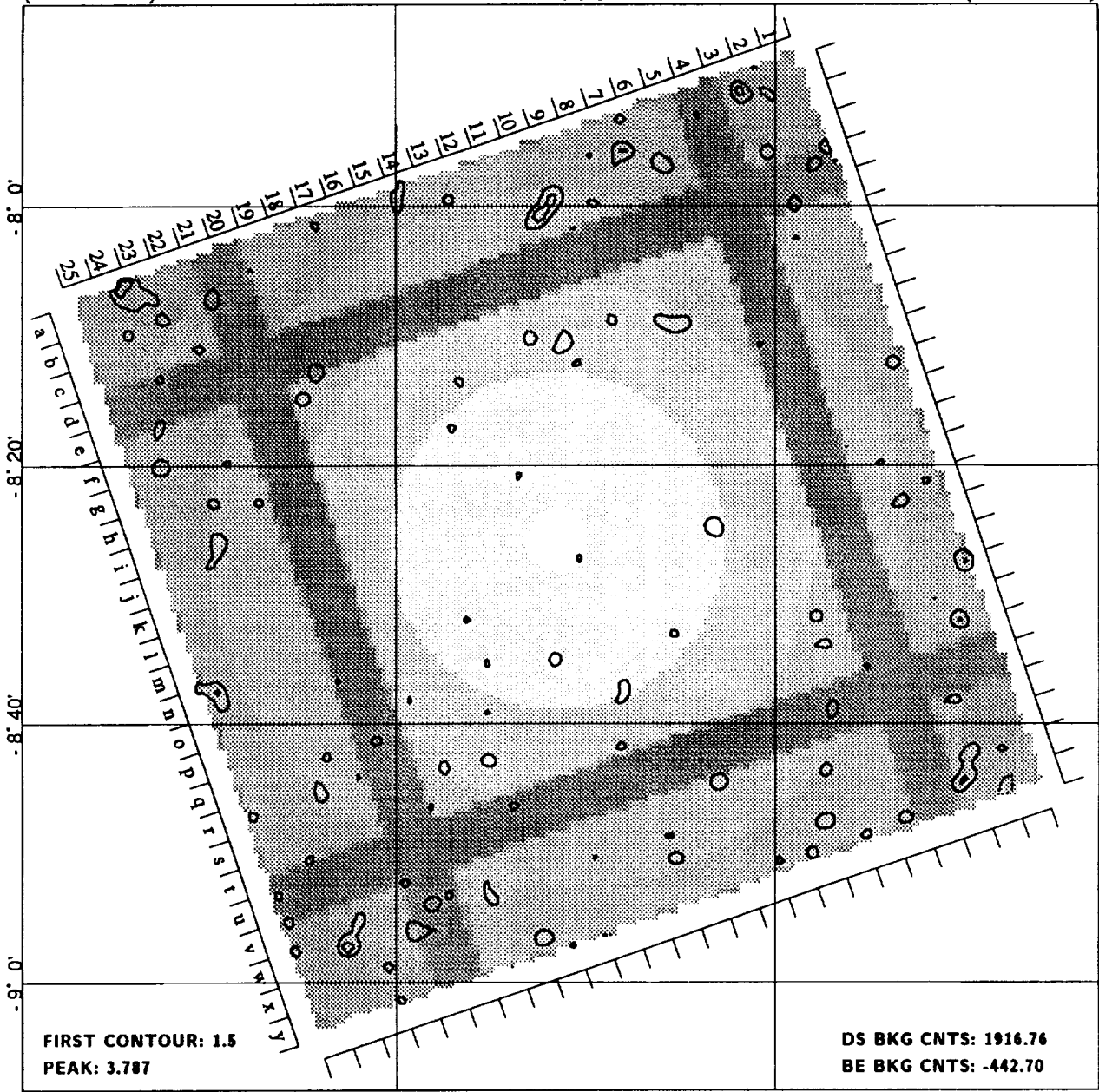
NH: 1.5E+20
 REF/ID:
 FIELD FLAGS:

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	

(9h 25m)

I 853

(9h 25m)



ALPHA HYA (ALPHARD) STELLAR OBSERVATIONS, K STARS

FIELD CENTER: $09^h 25^m 07.8^s - 08^\circ 26' 26''$ (B1950)
 $09^h 27^m 35.3^s - 08^\circ 39' 32''$ (J2000)
 $l: 241.49 \quad b: 29.05$

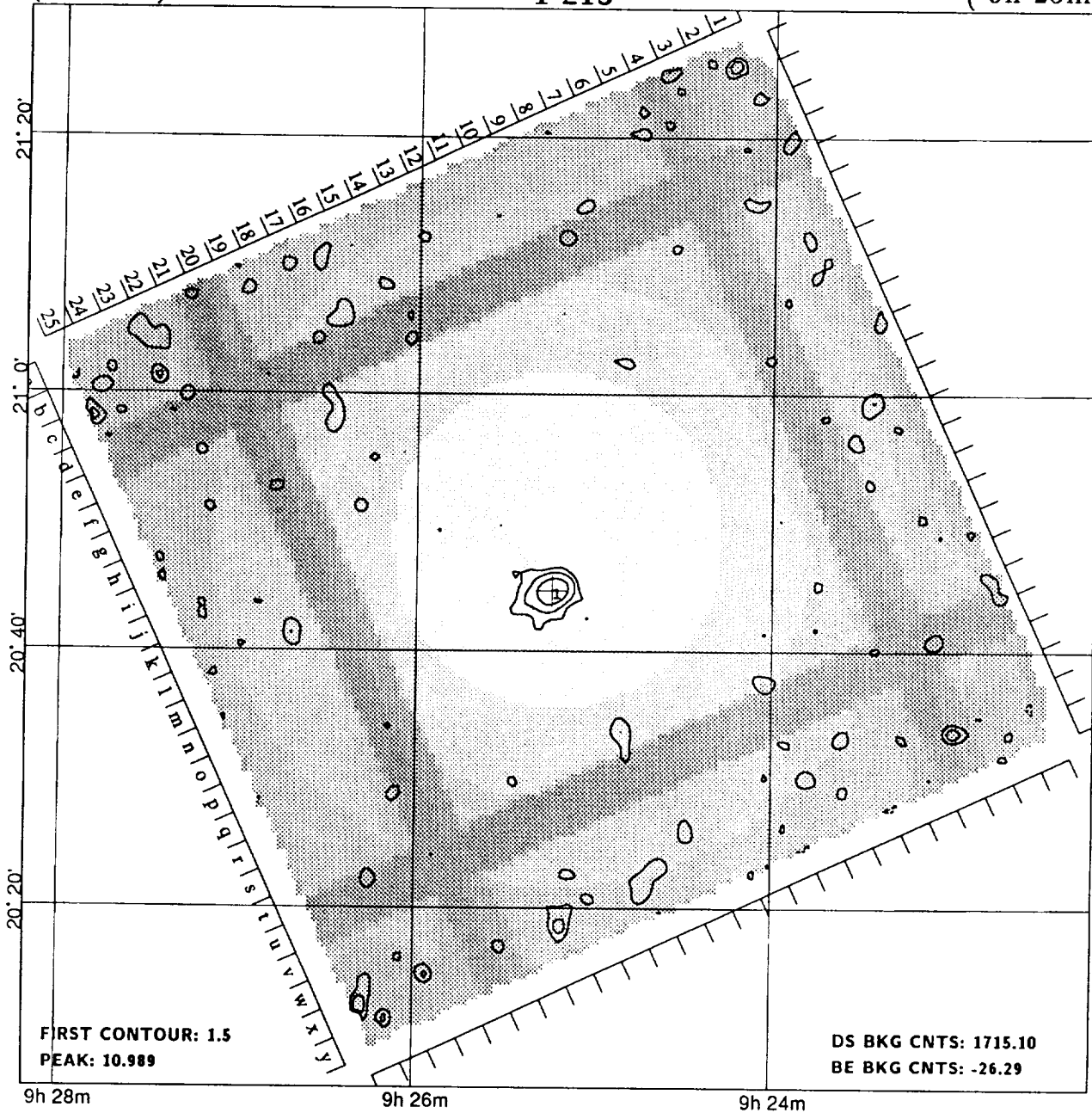
DATE: 1979/144 - 1979/144
 LIVETIME: 1553.2e
 ROLL ANGLE: 71.2°

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

(9h 25m)

I 213

(9h 25m)



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°

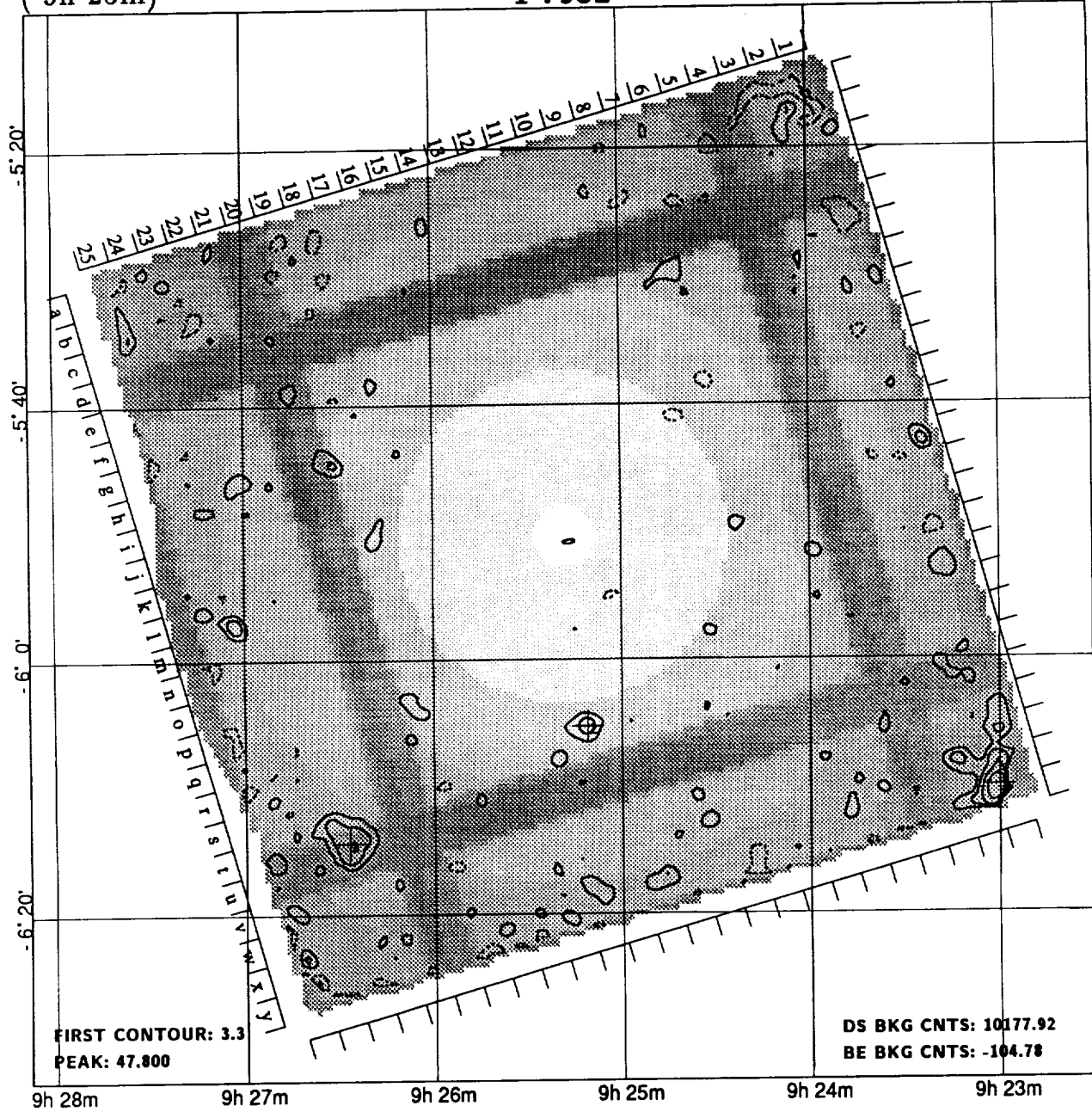
NH: 3.7E+20
 REF/ID:
 FIELD FLAGS:

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: $09^h 25^m 19.0^s -05^\circ 50' 59''$ (B1950)
 $09^h 27^m 48.4^s -06^\circ 04' 05''$ (J2000)
 $l: 239.15 \quad b: 30.65$

DATE: 1980/127 - 1980/127
 LIVETIME: 8543.6s
 ROLL ANGLE: 74.0°

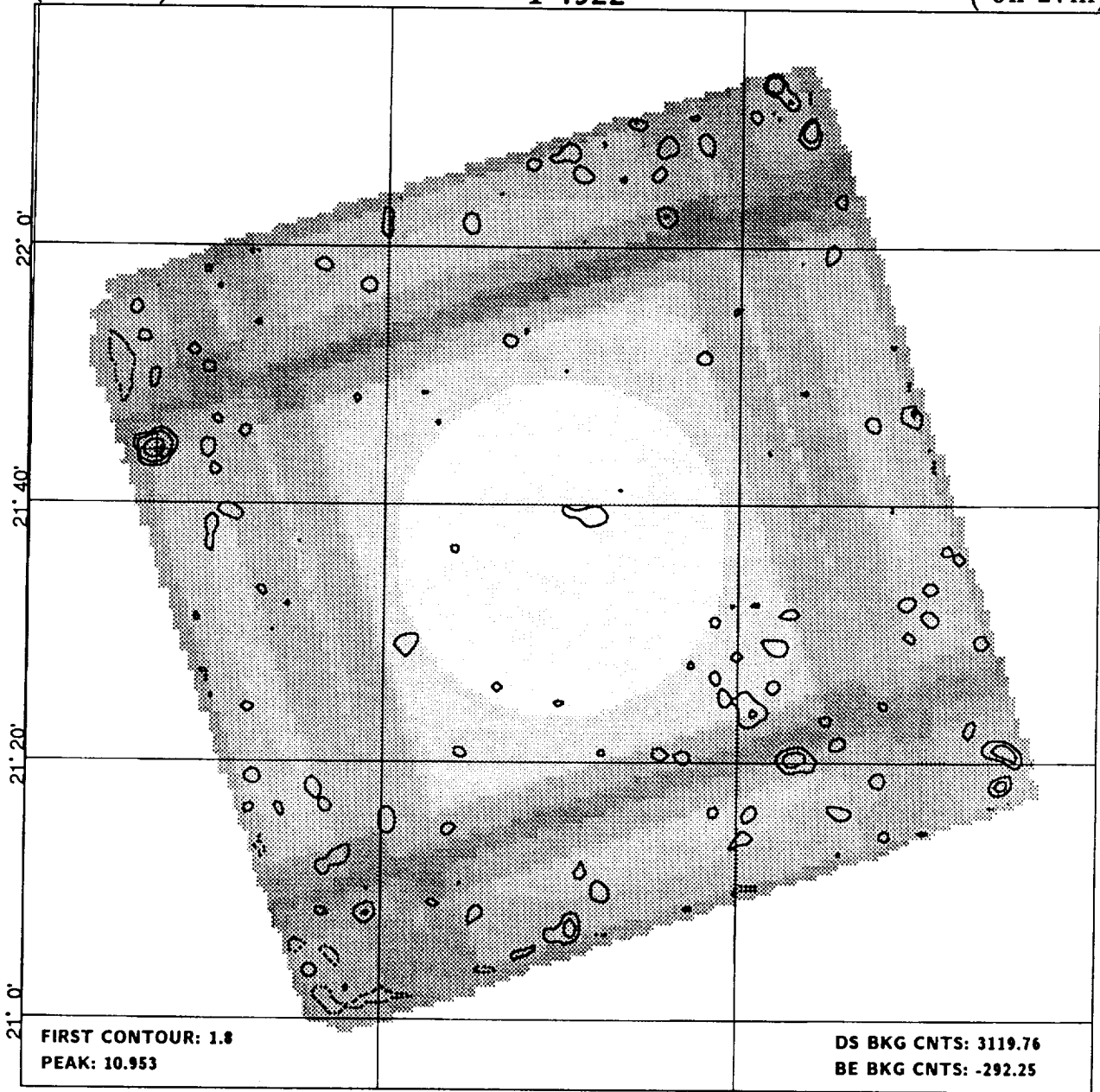
NH: $3.2E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(9h 27m)

I 4922

(9h 27m)



9h 28m

9h 26m

CATAclysmic VARIABLE STARS: TU LEO

FIELD CENTER: $09^h 27^m 00.0^s$ $21^\circ 36' 29''$ (B1950)
 $09^h 29^m 49.9^s$ $21^\circ 23' 19''$ (J2000)
 $l: 208.63$ $b: 43.99$

DATE: 1979/310 - 1980/136
 LIVETIME: 2528.0s

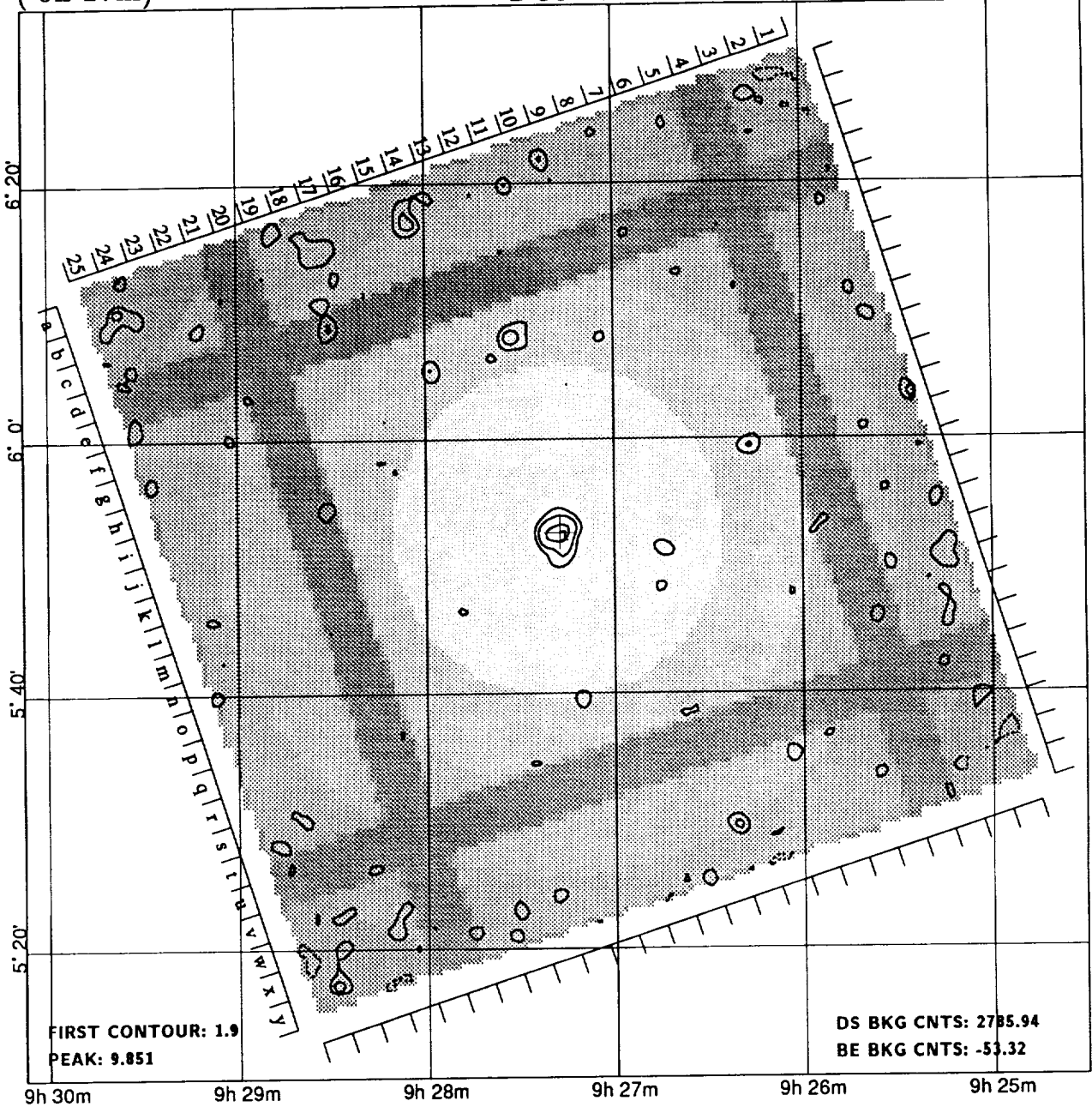
NH: $3.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
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)



FIELD CENTER: $09^h 27^m 19.0^s$ $05^\circ 51' 59''$ (B1950)
 $09^h 29^m 56.8^s$ $05^\circ 38' 48''$ (J2000)
 $l: 227.69$ $b: 37.57$

DATE: 1980/129 - 1980/129
 LIVETIME: 2338.6s
 ROLL ANGLE: 72.0°

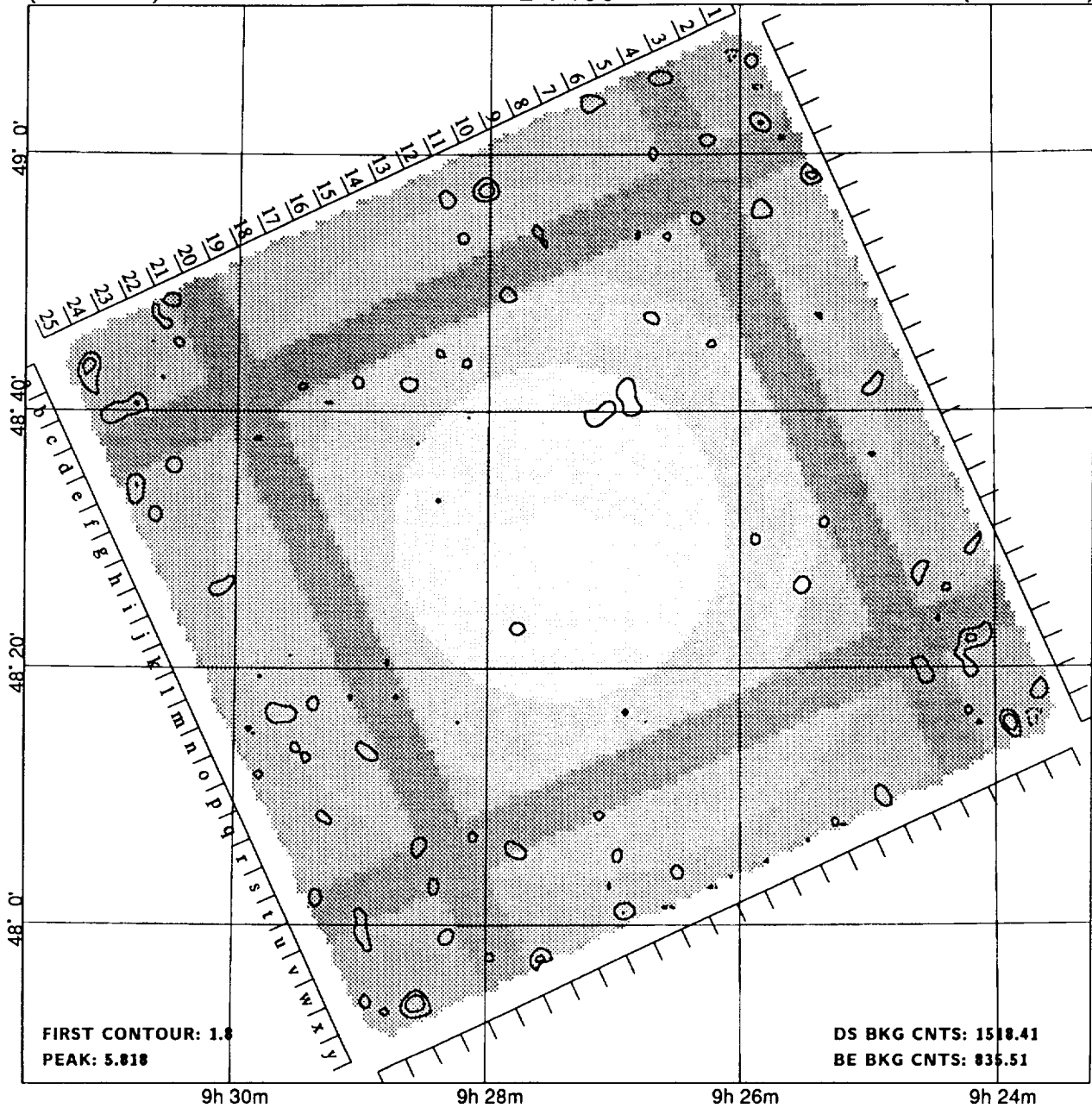
NH: $3.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)



FIRST CONTOUR: 1.8
PEAK: 5.818

DS BKG CNTS: 1518.41
BE BKG CNTS: 835.51

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

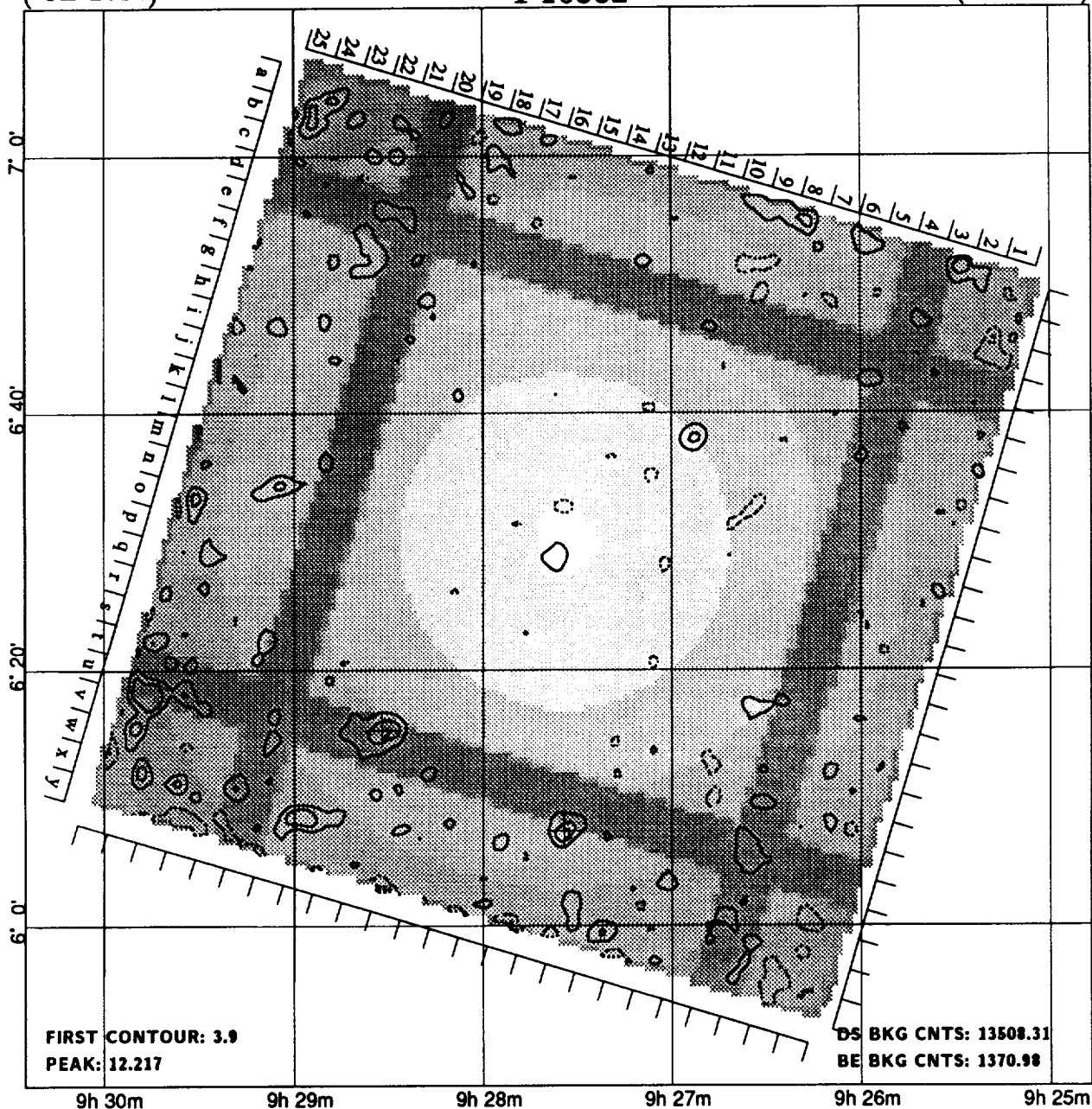
DATE: 1980/112 - 1980/112
LIVETIME: 1274.6s
ROLL ANGLE: 65.1°

NH: 1.4E+20
REF/ID:
FIELD FLAGS:

(9h 27m)

I 10382

(9h 27m)



CLUSTERS W/STEEP SPECTRUM RADIO SOURCES: TARGET 10

FIELD CENTER: 09^h 27^m 36.0^s 06° 29' 35" (B1950)
 09^h 30^m 14.3^s 06° 16' 23" (J2000)
 l : 227.04 b : 37.95

DATE: 1981/115 - 1981/115
 LIVETIME: 10946.1s
 ROLL ANGLE: 106.6°

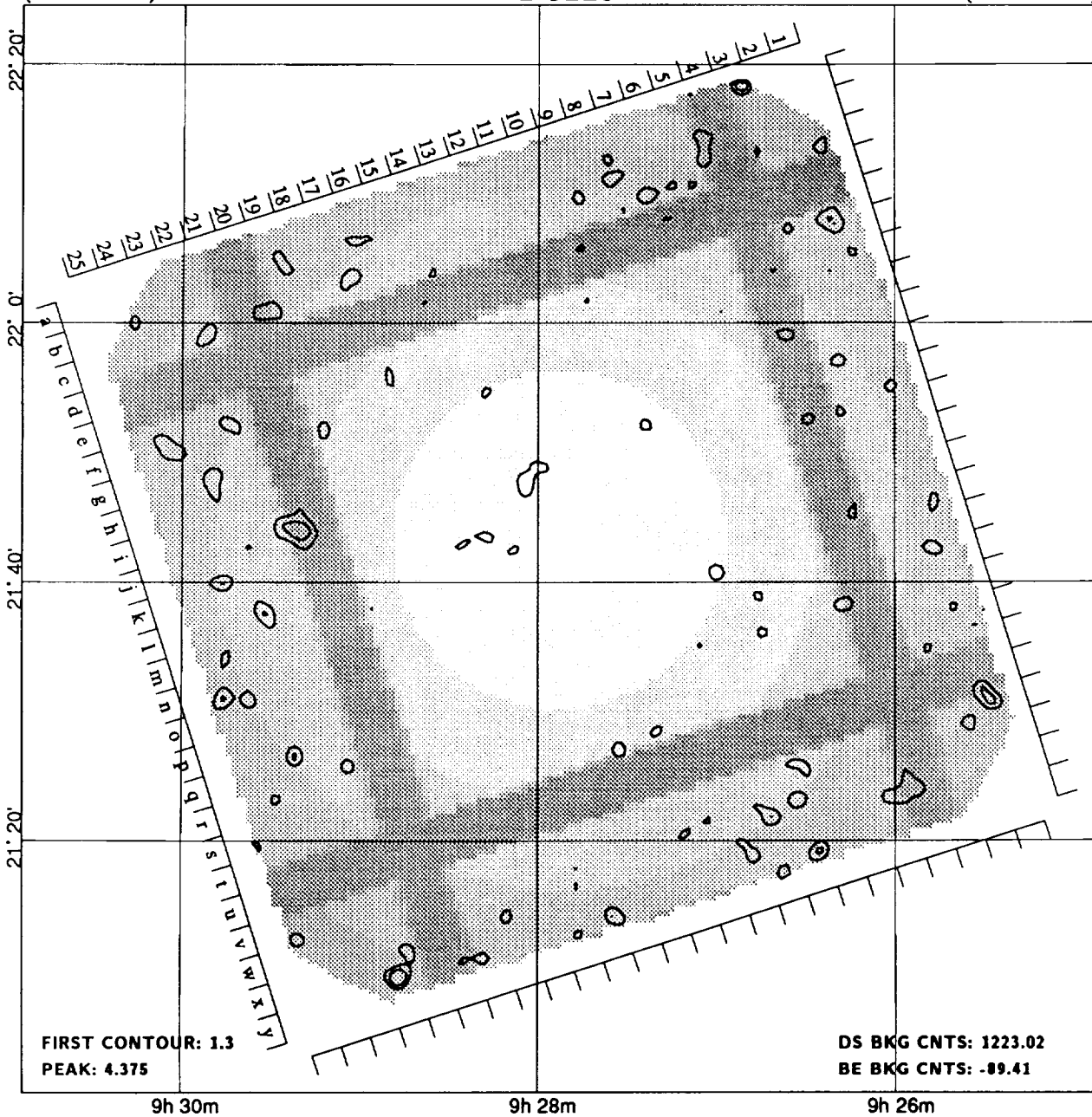
NH: 3.9E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)
 09^h30^m42.9^s 21°29'20" (J2000)
 $l: 208.59$ $b: 44.21$

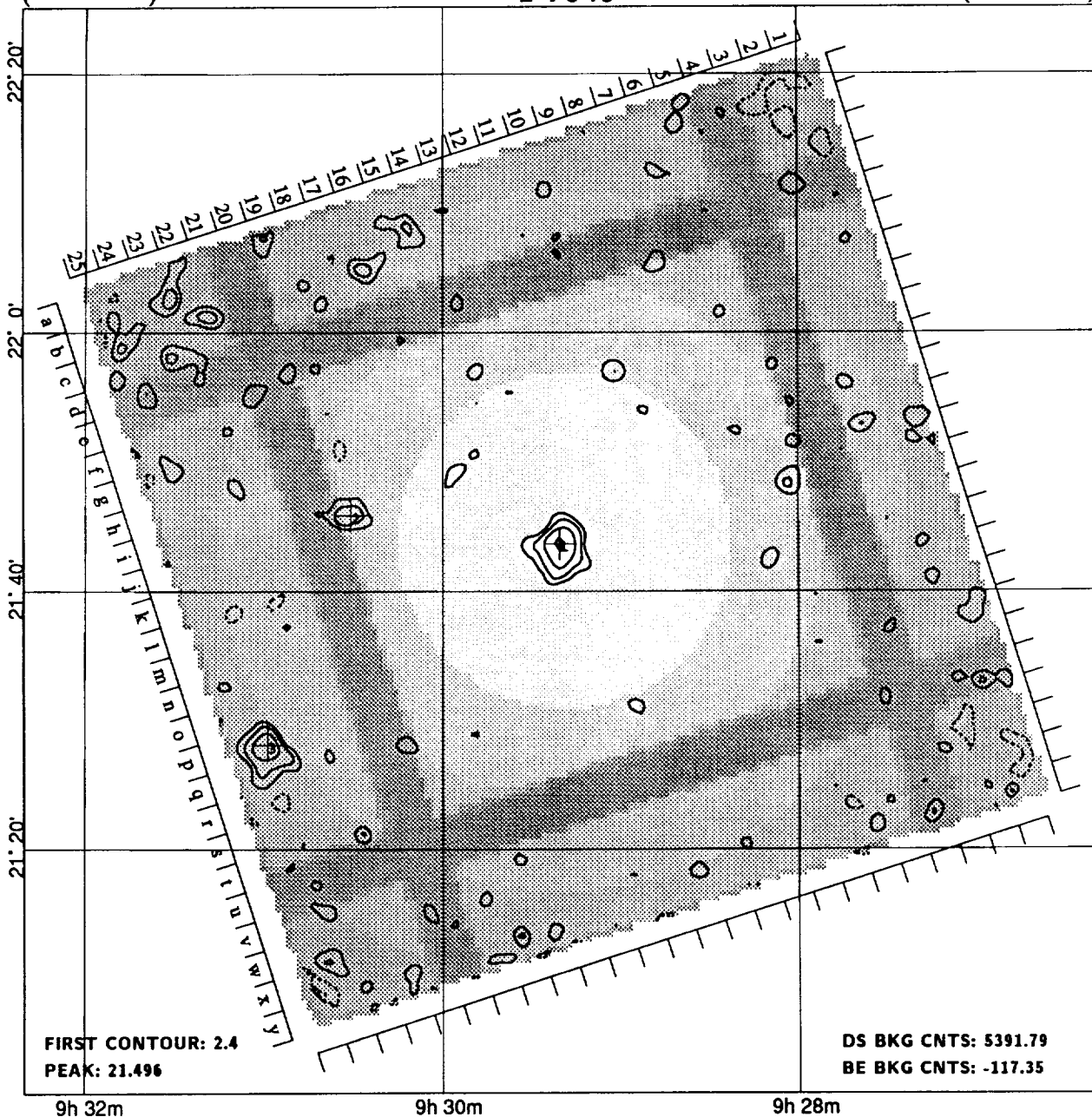
DATE: 1980/136 - 1980/136
 LIVETIME: 991.0s
 ROLL ANGLE: 72.4°

NH: 3.4E+20
 REF/ID:
 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°

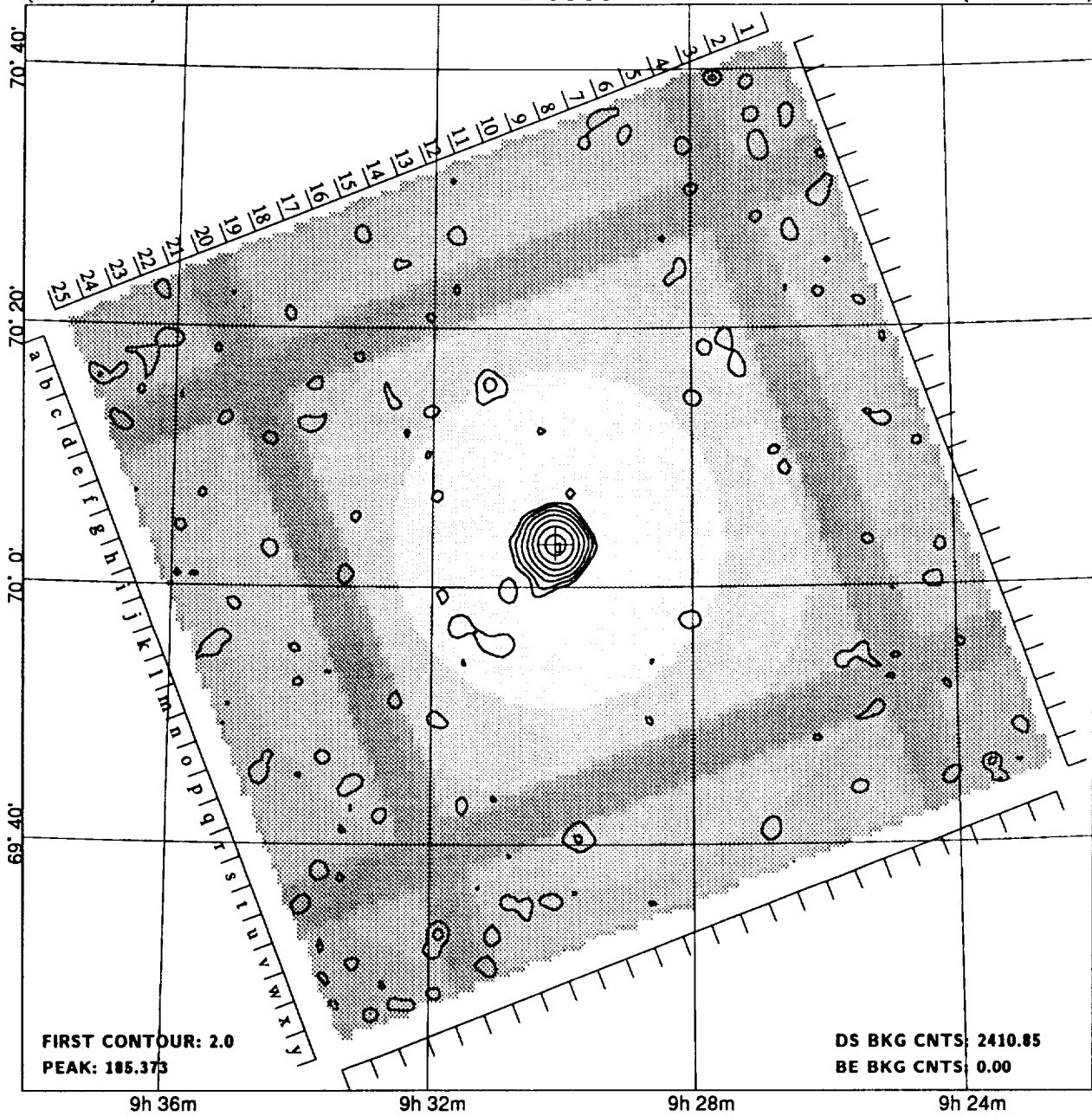
NH: 3.3E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $09^h 30^m 04.8^s$ $70^\circ 02' 59''$ (B1950)
 $09^h 34^m 28.4^s$ $69^\circ 49' 38''$ (J2000)
 $l: 142.55$ $b: 38.93$

DATE: 1979/118 - 1979/118
 LIVETIME: 1953.6s
 ROLL ANGLE: 69.0°

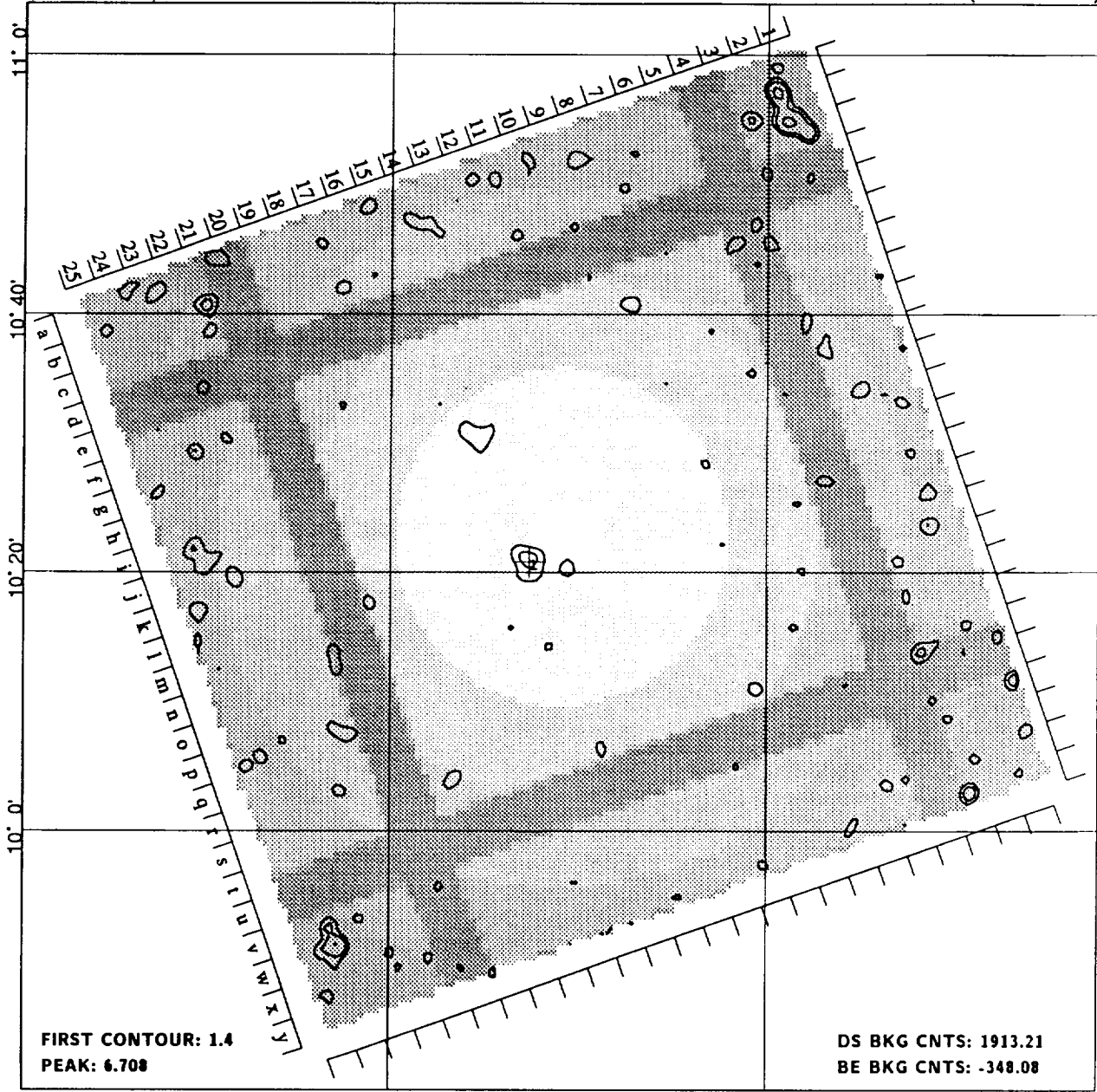
NH: $4.7E+20$
 REF/ID:
 FIELD FLAGS: L

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	

(9h 31m)

I 3293

(9h 31m)



FIRST CONTOUR: 1.4
PEAK: 6.708

DS BKG CNTS: 1913.21
BE BKG CNTS: -348.08

9h 32m 9h 30m

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°

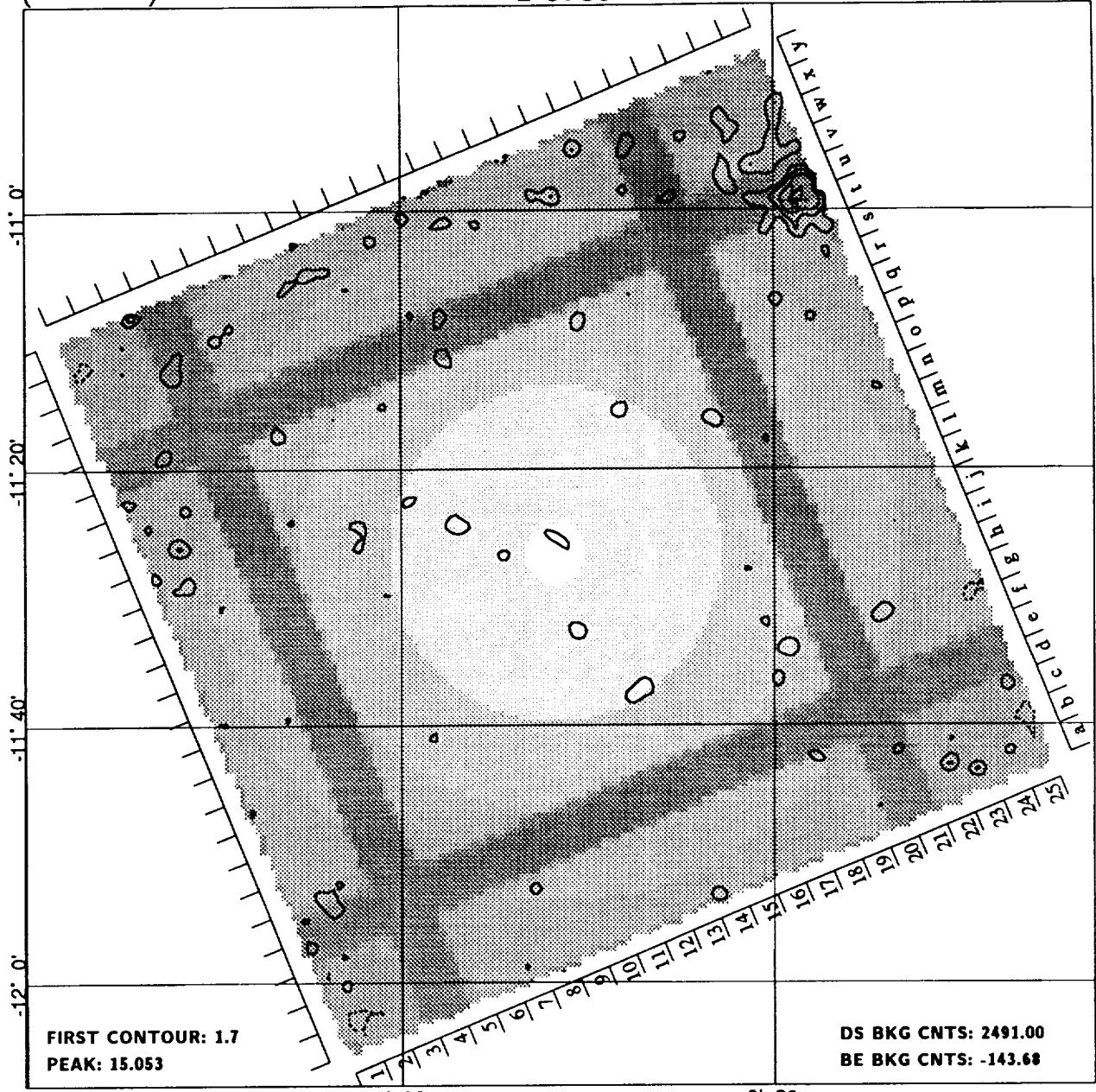
NH: 3.3E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)



9h 34m

9h 32m

9h 30m

SEARCH FOR HIGH LX QSO'S: 15

FIELD CENTER: $09^h 31^m 08.9^s$ $-11^\circ 26' 02''$ (B1950)
 $09^h 33^m 34.4^s$ $-11^\circ 39' 24''$ (J2000)
 $l: 245.20$ $b: 28.32$

DATE: 1979/338 - 1979/338
 LIVETIME: 2018.5s
 ROLL ANGLE: -112.4°

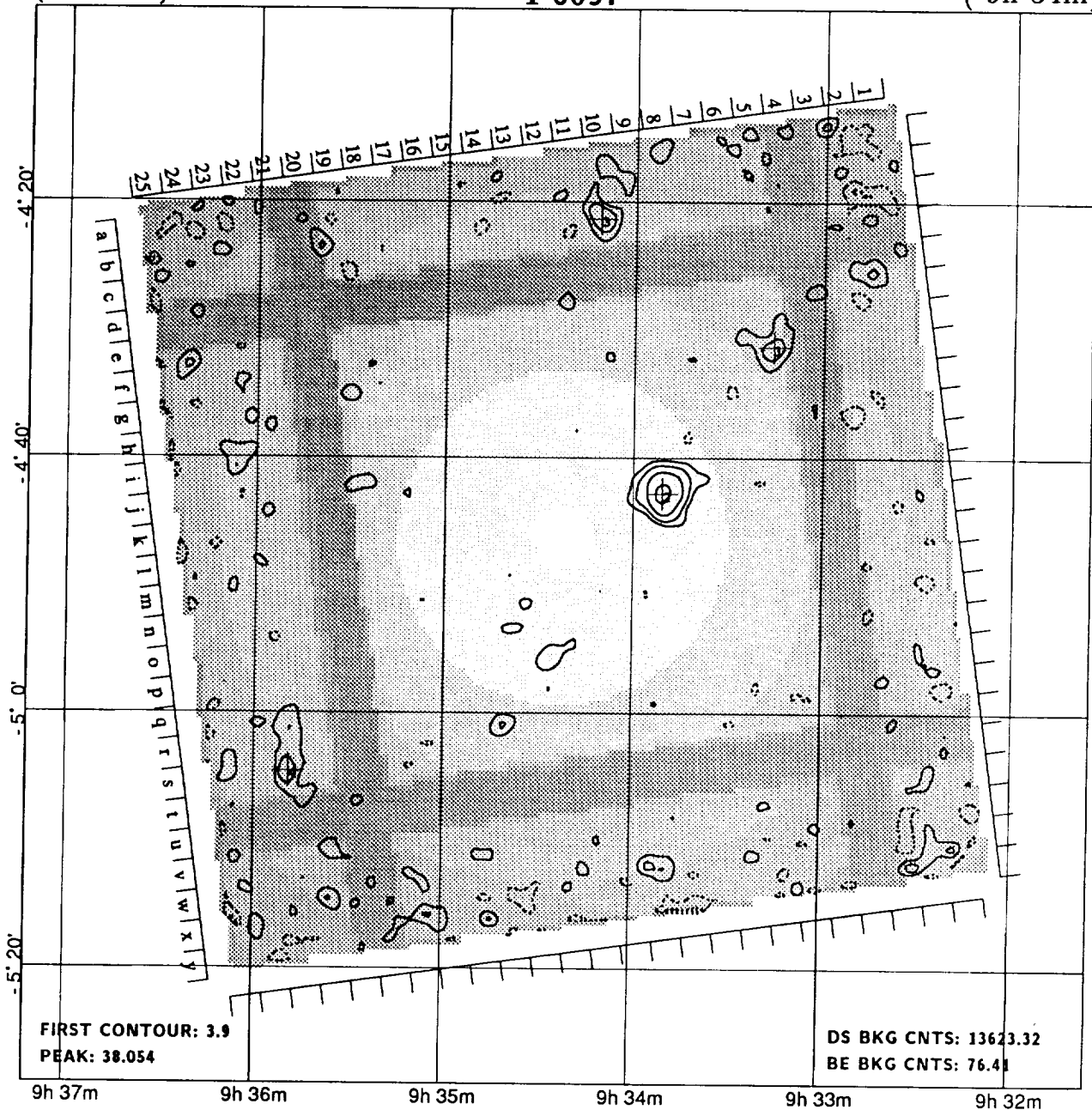
NH: $4.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(9h 34m)

I 6097

(9h 34m)



A 838, DETAILED STUDY OF NEARBY CLUSTERS

FIELD CENTER: $09^h 34^m 24.0^s$ $-04^\circ 46' 59''$ (B1950)
 $09^h 36^m 54.3^s$ $-05^\circ 00' 29''$ (J2000)
 $l: 239.75$ $b: 33.10$

DATE: 1980/126 - 1980/127
 LIVETIME: 11039.4s
 ROLL ANGLE: 82.1°

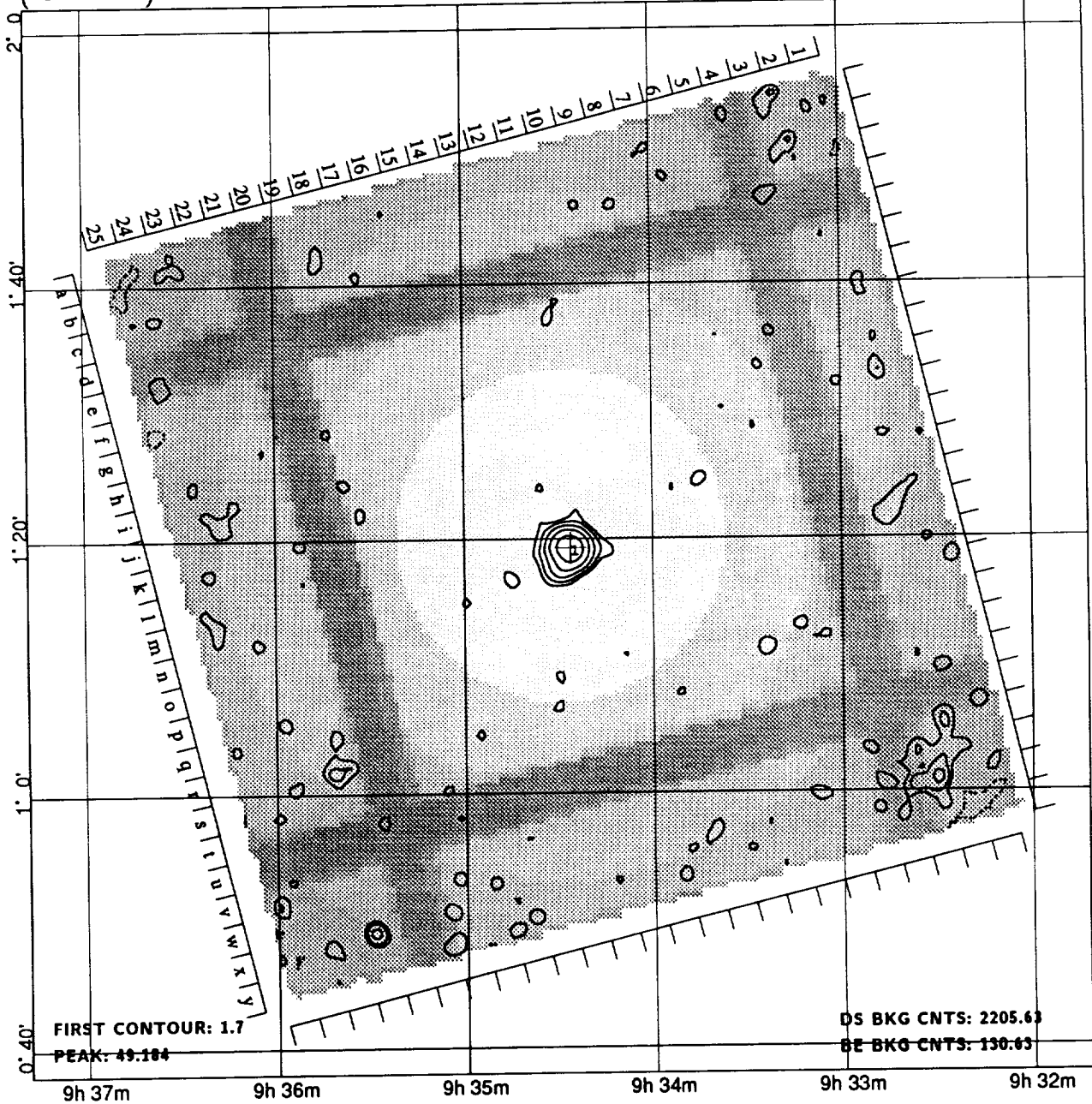
NH: $3.5E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $09^h 34^m 30.0^s$ $01^{\circ} 19' 59''$ (B1950)
 $09^h 37^m 04.6^s$ $01^{\circ} 06' 29''$ (J2000)
 $l: 233.70$ $b: 36.68$

DATE: 1980/128 - 1980/128
 LIVETIME: 1851.5s
 ROLL ANGLE: 76.0°

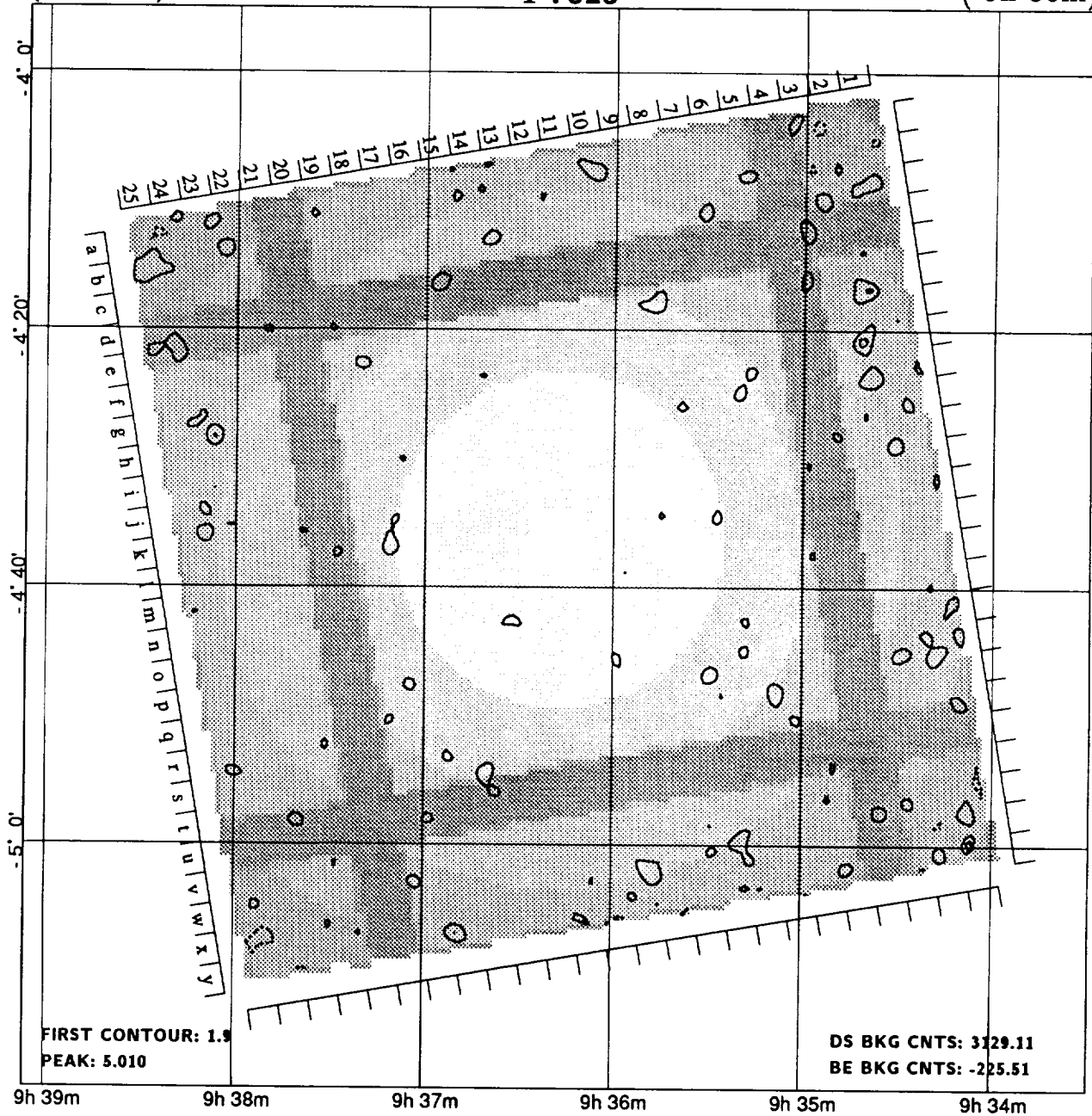
NH: $4.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(9h 36m)

I 7823

(9h 36m)



VV 116, COMPACT V-V GROUPS OF GALAXIES

FIELD CENTER: $09^h 36^m 18.0^s$ $-04^\circ 36' 59''$ (B1950)
 $09^h 38^m 48.5^s$ $-04^\circ 50' 34''$ (J2000)
 $l: 239.93$ $b: 33.58$

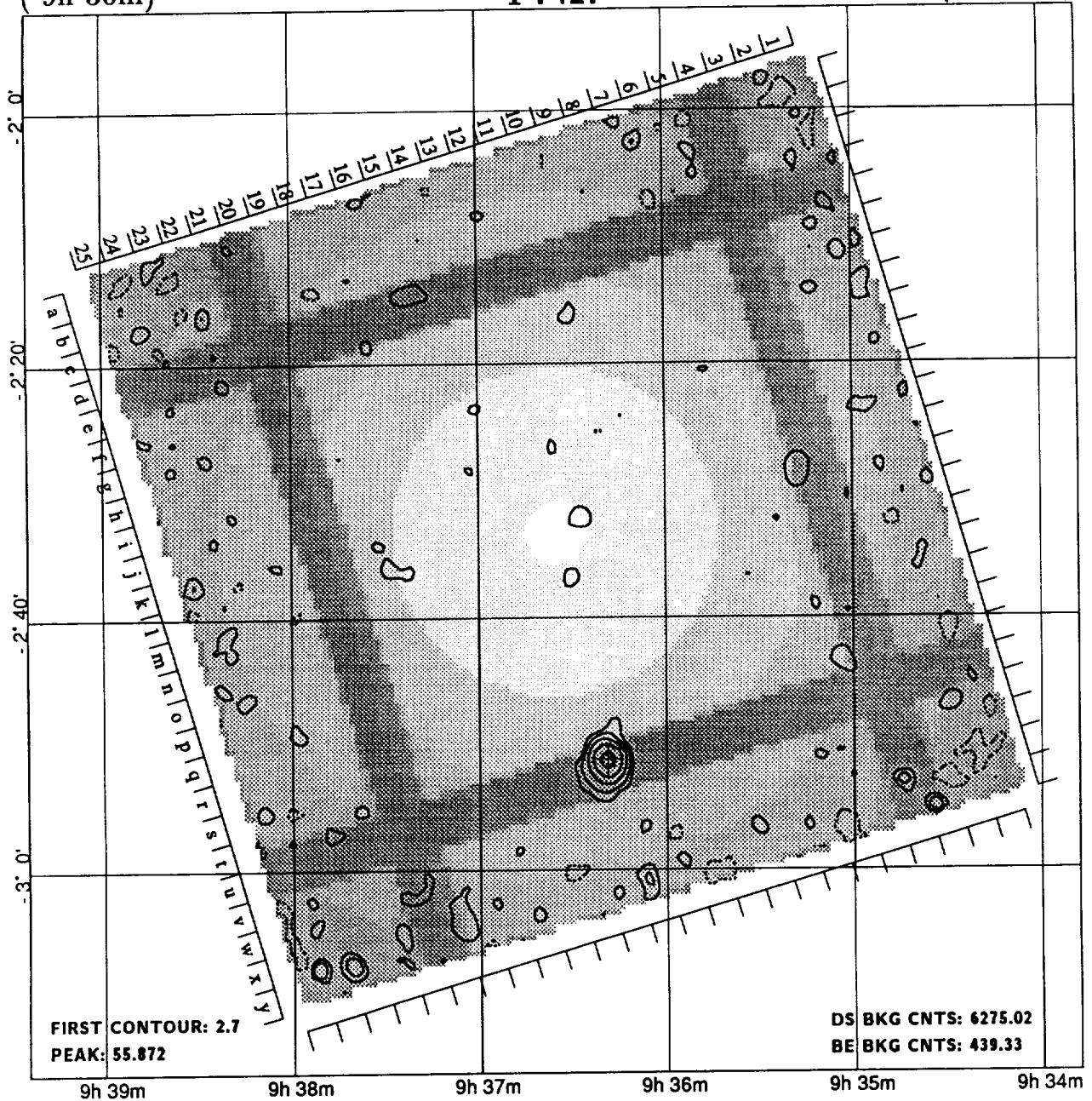
DATE: 1980/127 - 1980/127
 LIVETIME: 2535.6s
 ROLL ANGLE: 80.3°

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

(9h 36m)

I 7427

(9h 36m)



A 33, HOT PLANETARY NEBULA NUCLEUS

FIELD CENTER: $09^h 36^m 36.0^s$ $-02^\circ 33' 59''$ (B1950)
 $09^h 39^m 07.9^s$ $-02^\circ 47' 35''$ (J2000)
 $l: 238.00$ $b: 34.87$

DATE: 1980/127 - 1980/127
 LIVETIME: 5267.4s
 ROLL ANGLE: 73.5°

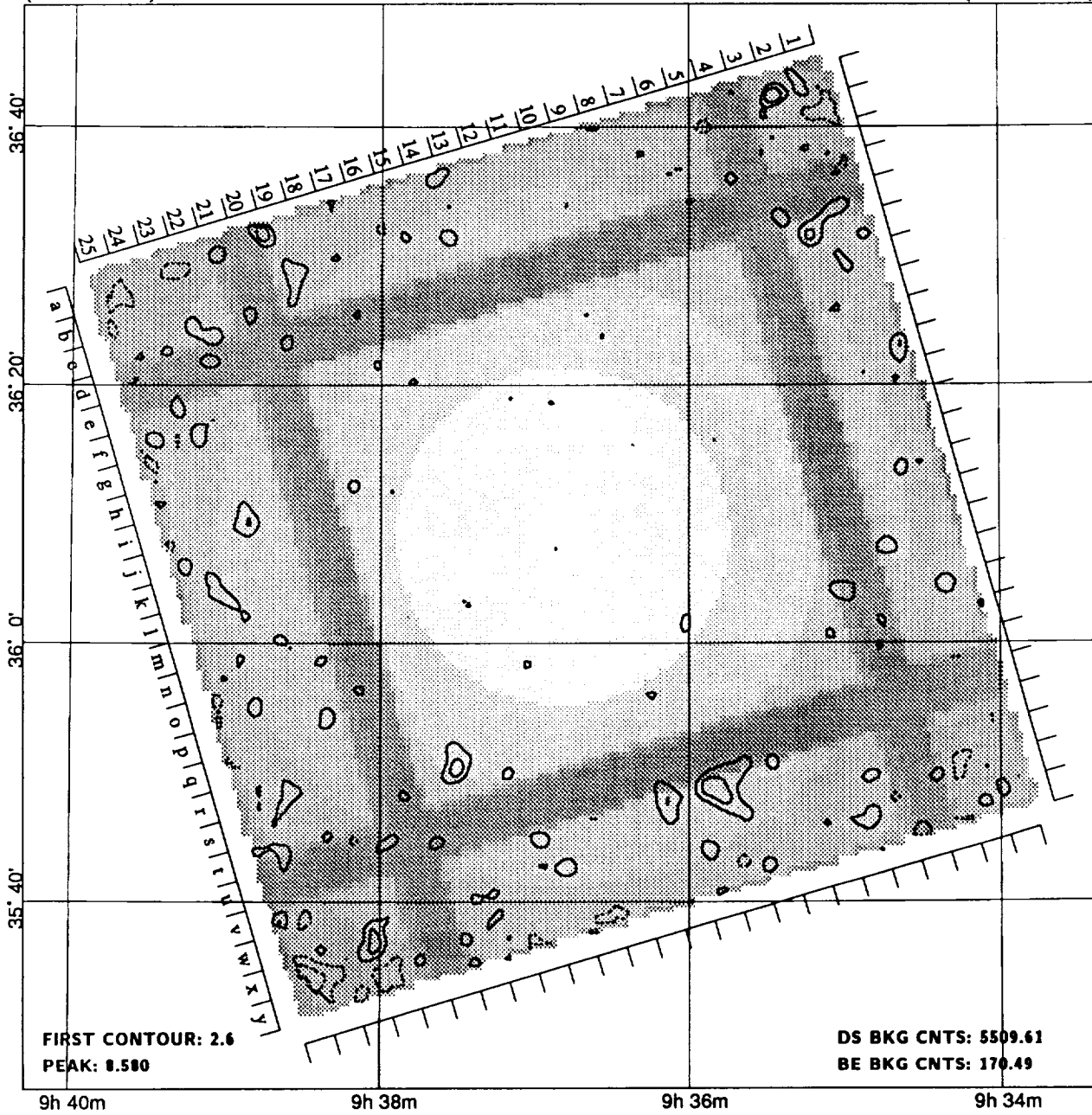
NH: $3.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(9h 36m)

I 7720

(9h 36m)



223, COMPLETE SAMPLE OF 3CR RADIO GALAXIES

FIELD CENTER: 09^h36^m50.9^s 36°07'34" (B1950)
 09^h39^m52.8^s 35°53'58" (J2000)
 l : 188.41 b : 48.66

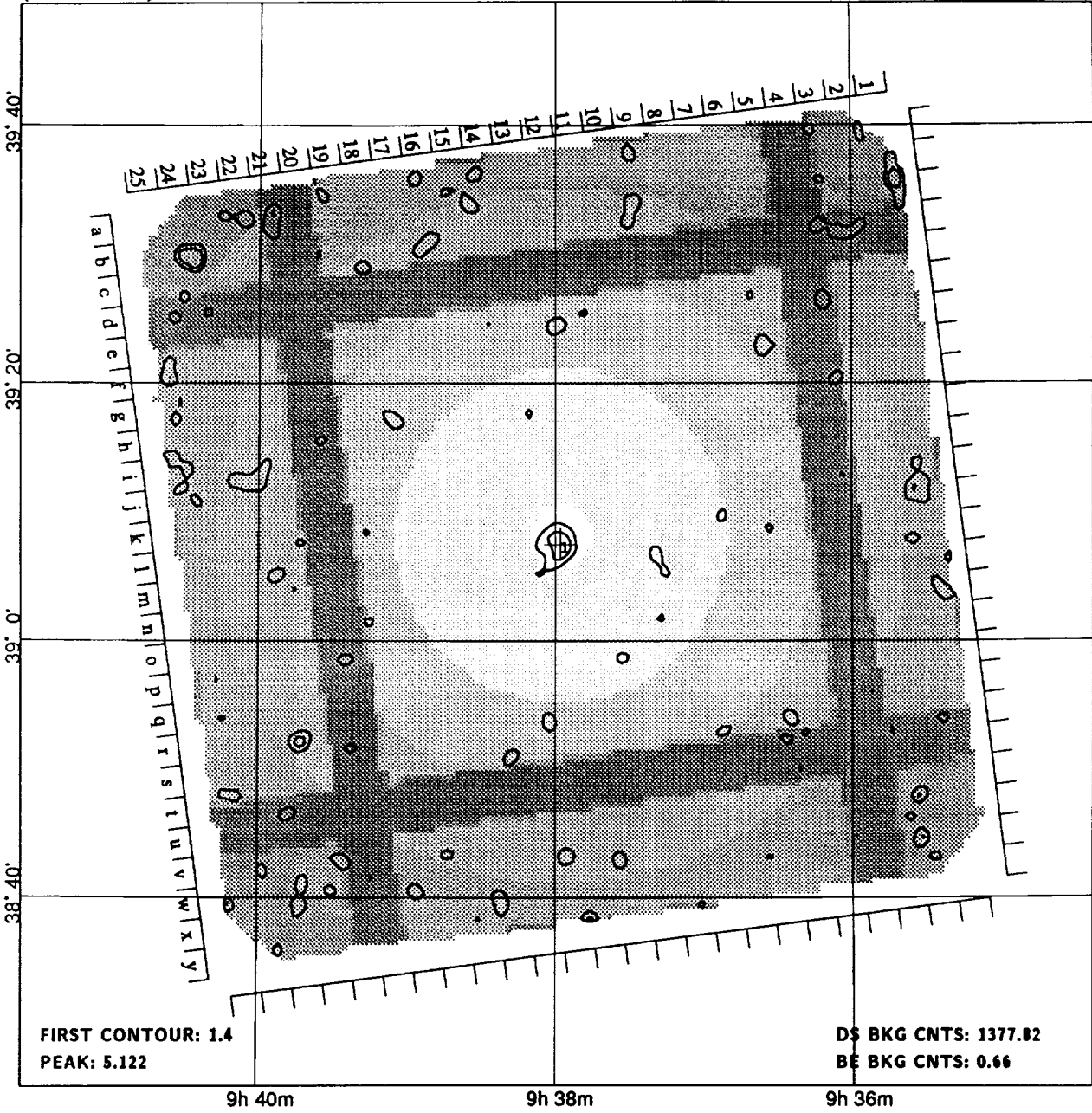
DATE: 1980/136 - 1980/137
 LIVETIME: 4464.6s
 ROLL ANGLE: 73.7°

NH: 1.3E+20
 REF/ID:
 FIELD FLAGS:

(9h 37m)

I 8409

(9h 37m)



FIRST CONTOUR: 1.4
 PEAK: 5.122

DS BKG CNTS: 1377.82
 BE BKG CNTS: 0.66

9h 40m

9h 38m

9h 36m

4C 39.27

FIELD CENTER: $09^h 37^m 59.2^s$ $39^\circ 07' 29''$ (B1950)
 $09^h 41^m 04.0^s$ $38^\circ 53' 50''$ (J2000)
 $l: 183.86$ $b: 48.89$

DATE: 1980/133 - 1980/133
 LIVETIME: 1116.5s
 ROLL ANGLE: 82.6°

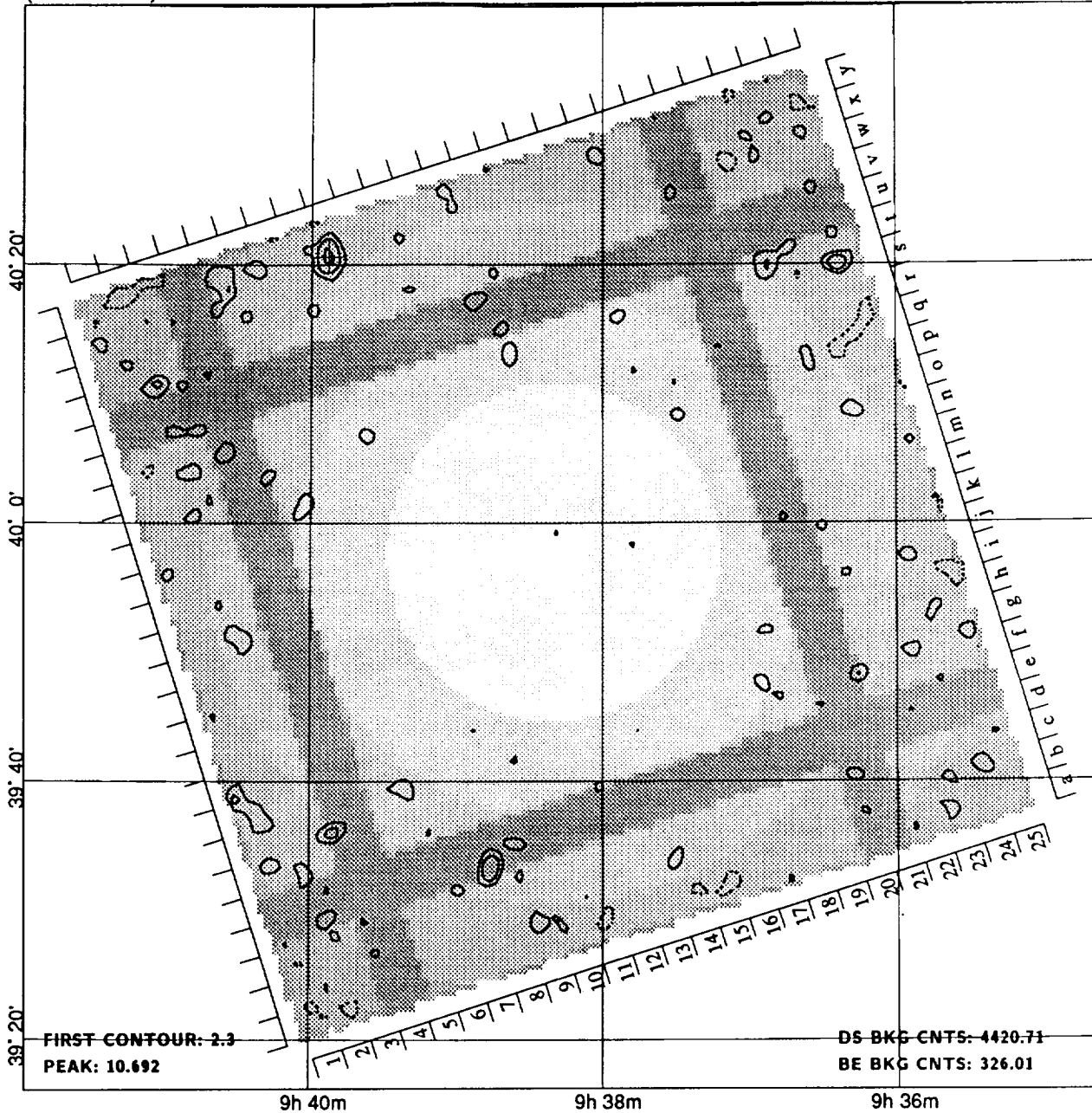
NH: $1.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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°

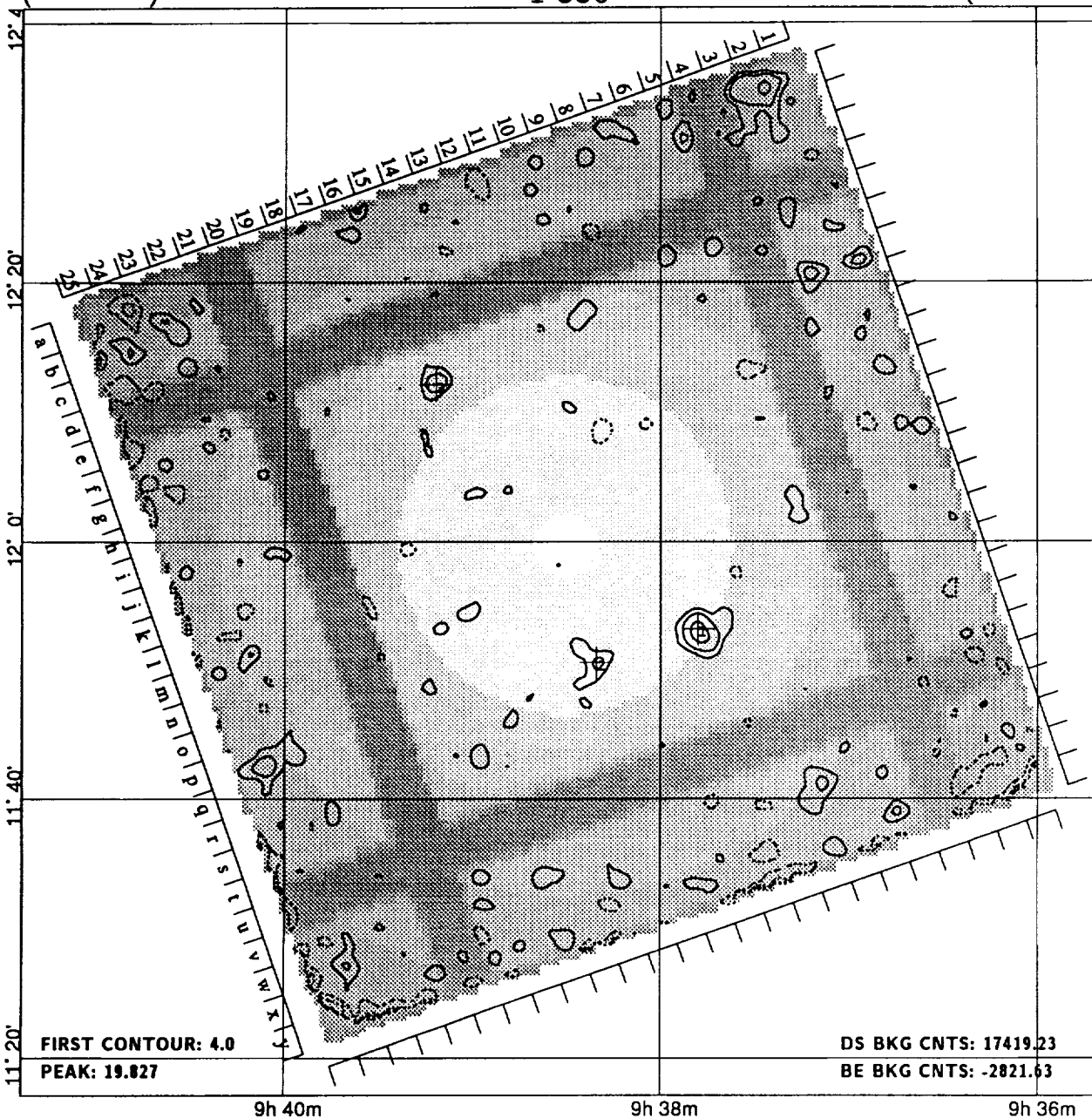
NH: 1.5E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(9h 38m)

I 530

(9h 38m)



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°

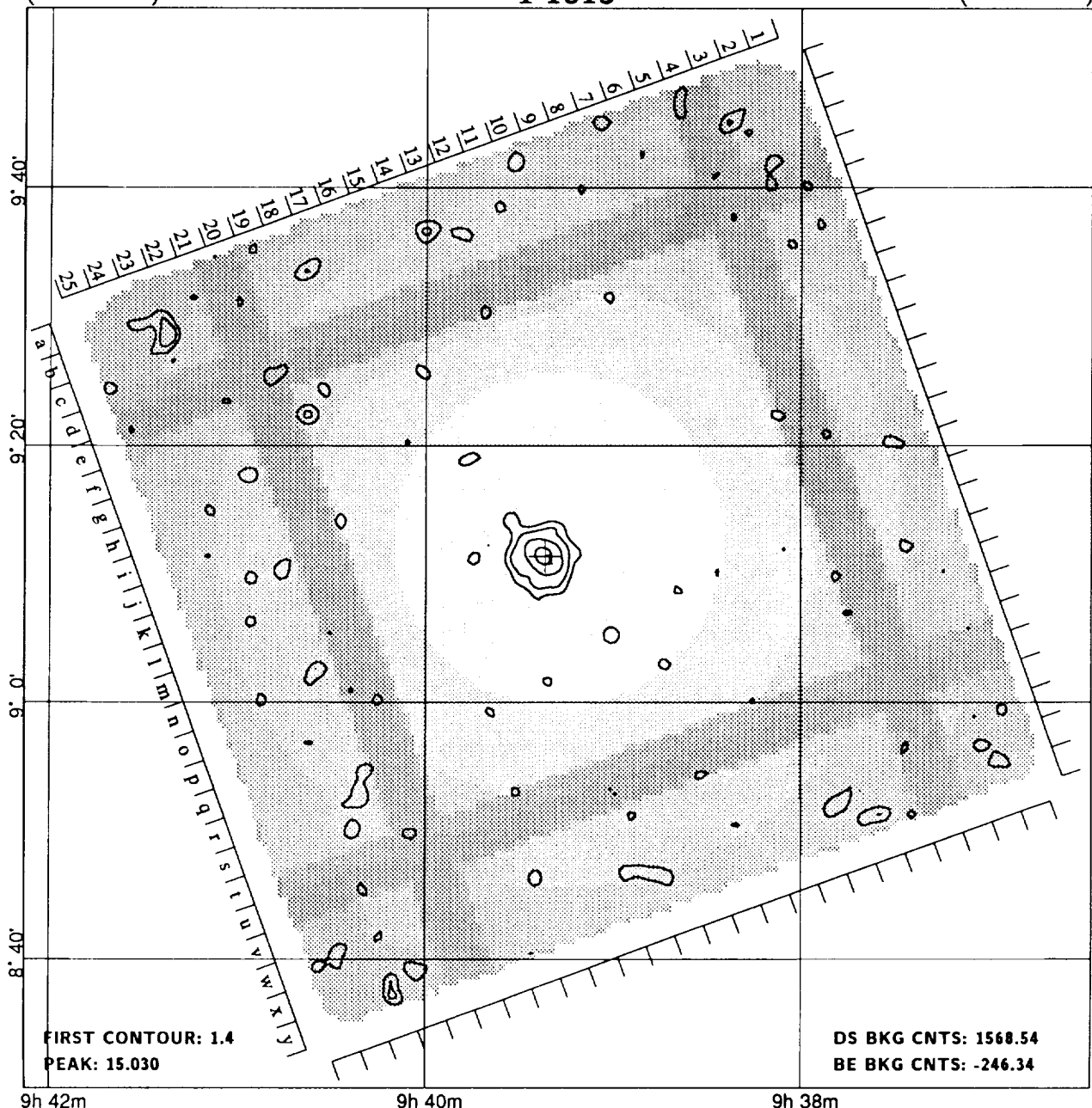
NH: 3.0E+20
 REF/ID:
 FIELD FLAGS:

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°

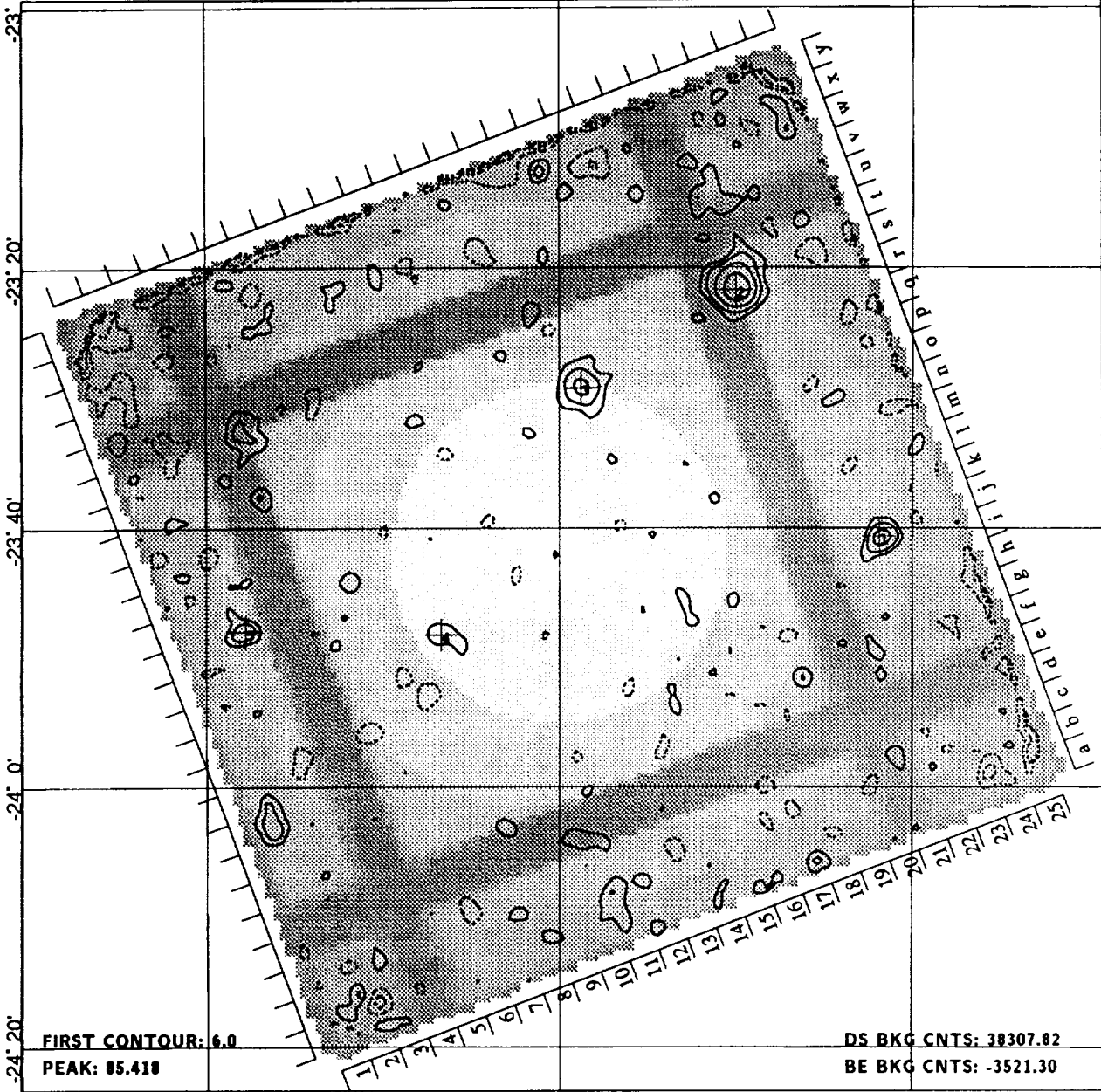
NH: 3.0E+20
 REF/ID:
 FIELD FLAGS:

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

(9h 39m)

I 5516

(9h 39m)



FIELD CENTER: $09^h 39^m 59.0^s$ $-23^\circ 41' 23''$ (B1950)
 $09^h 42^m 15.9^s$ $-23^\circ 55' 07''$ (J2000)
 $l: 256.70$ $b: 21.53$

DATE: 1979/327 - 1979/330
 LIVETIME: 31042.0s
 ROLL ANGLE: -110.6°

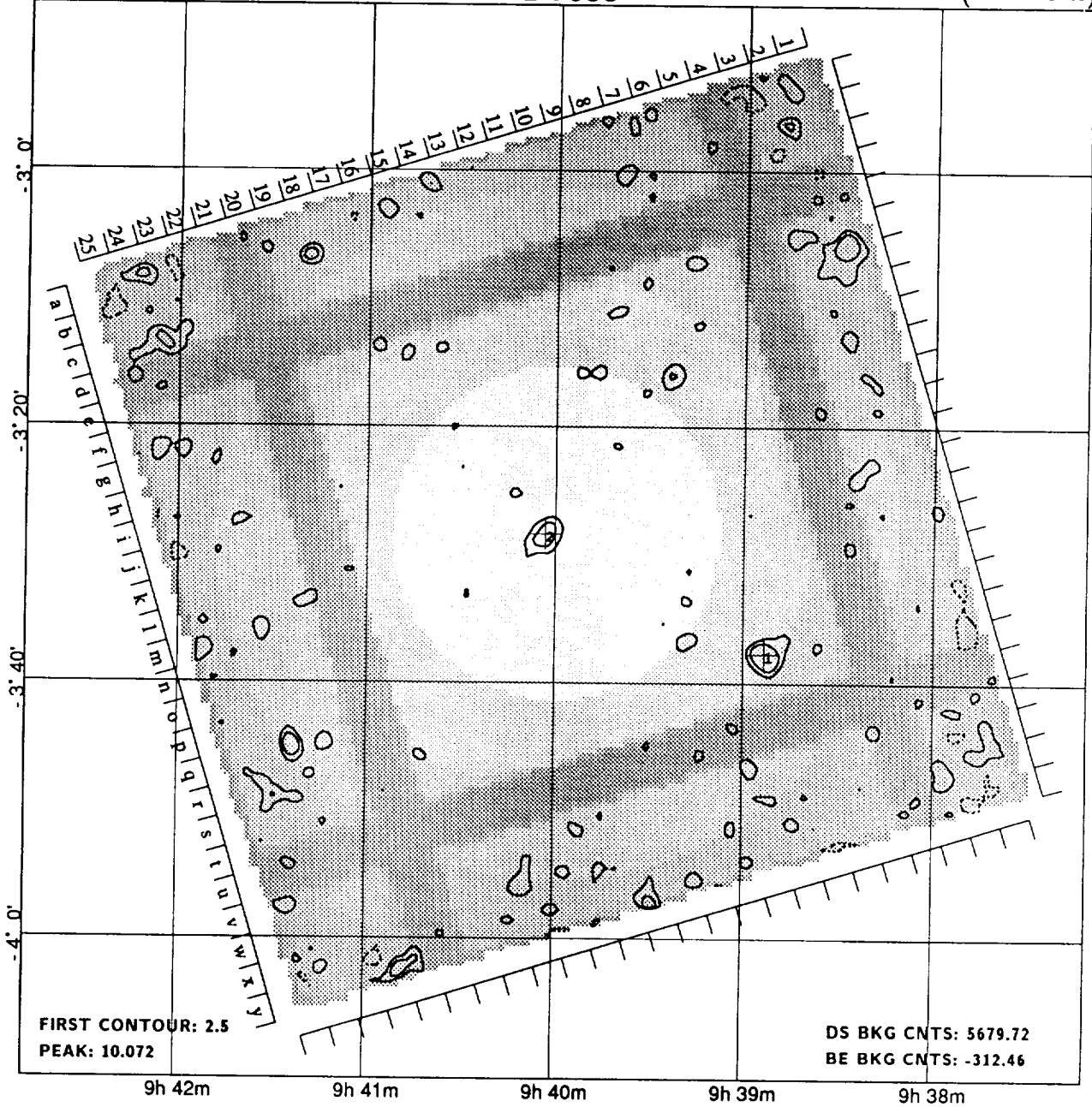
NH: 4.5E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	H	

(9h 40m)

I 7655

(9h 40m)



NGC 2974, ELLIPTICAL & OTHER ISOLATED GALAXIES

FIELD CENTER: $09^h 40^m 00.0^s - 03^\circ 28' 59''$ (B1950)
 $09^h 42^m 31.3^s - 03^\circ 42' 44''$ (J2000)
 $l: 239.52 \quad b: 35.00$

DATE: 1980/128 - 1980/129
 LIVETIME: 4767.7s
 ROLL ANGLE: 73.2°

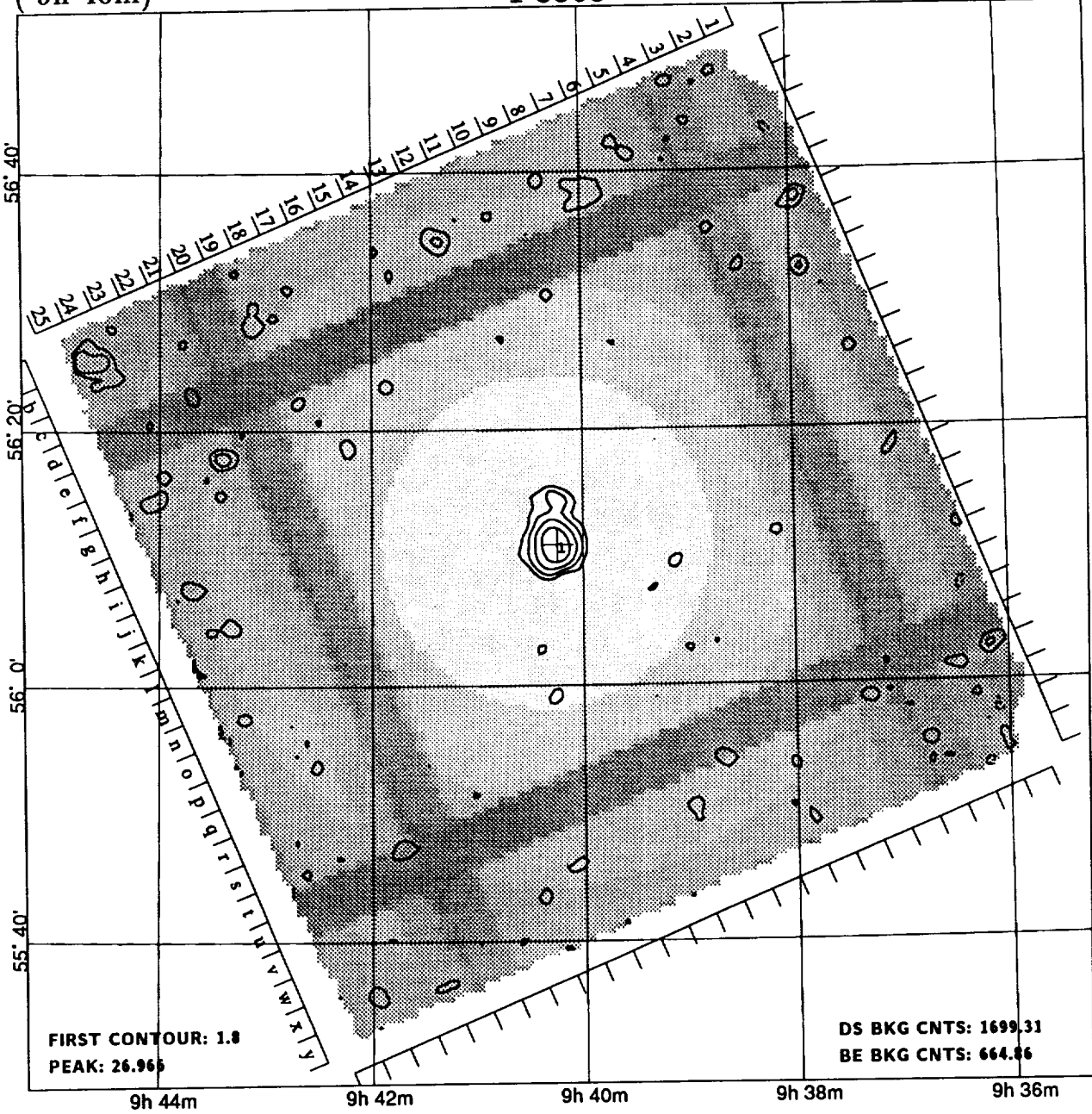
NH: $3.7E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT ± RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $09^h 40^m 15.0^s$ $56^\circ 10' 55''$ (B1950)
 $09^h 43^m 45.0^s$ $55^\circ 57' 09''$ (J2000)
 $l: 158.92$ $b: 45.90$

DATE: 1980/121 - 1980/121
 LIVETIME: 1426.4s
 ROLL ANGLE: 67.2°

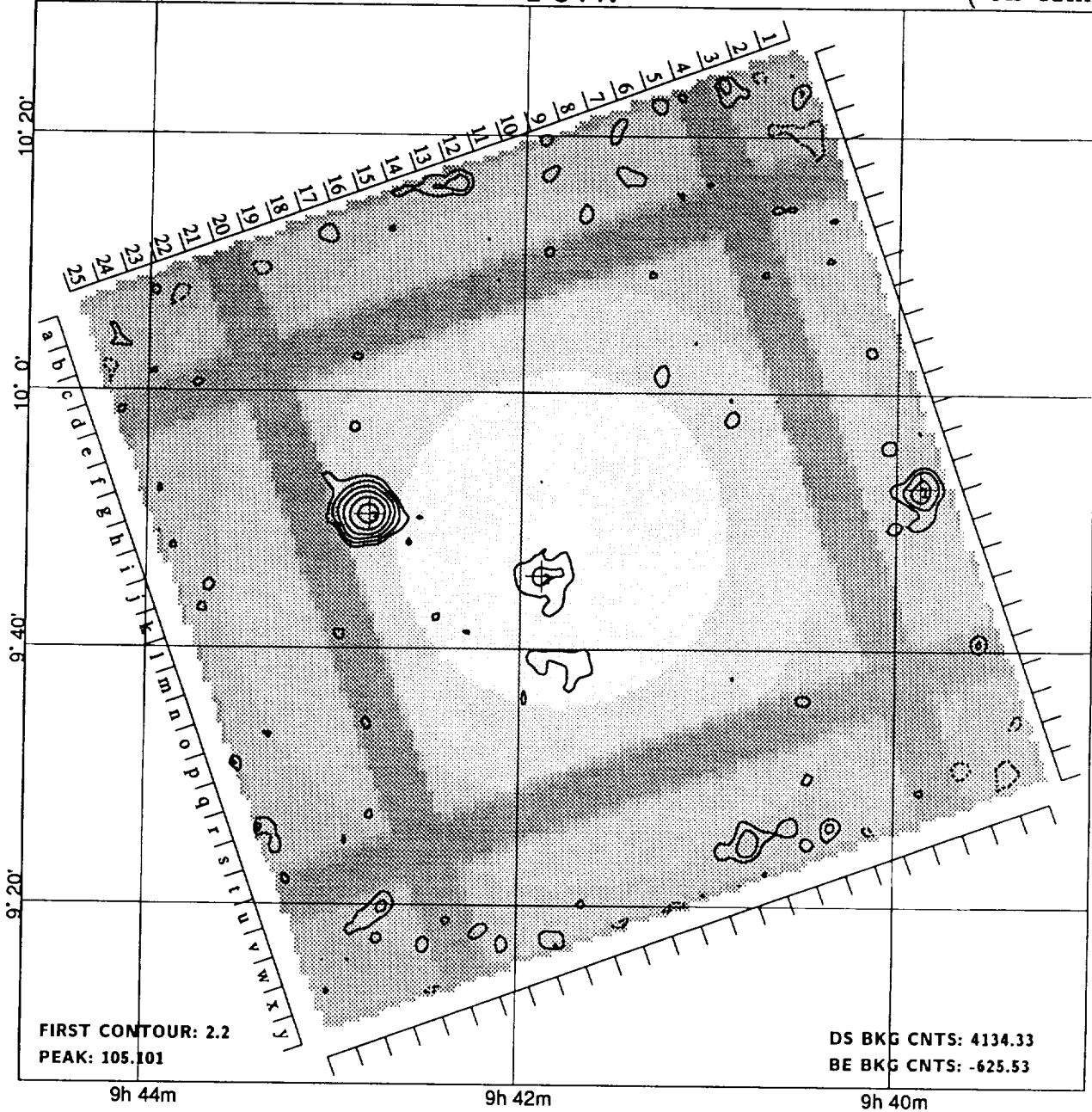
NH: $1.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC	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

(9h 41m)

I 3447

(9h 41m)



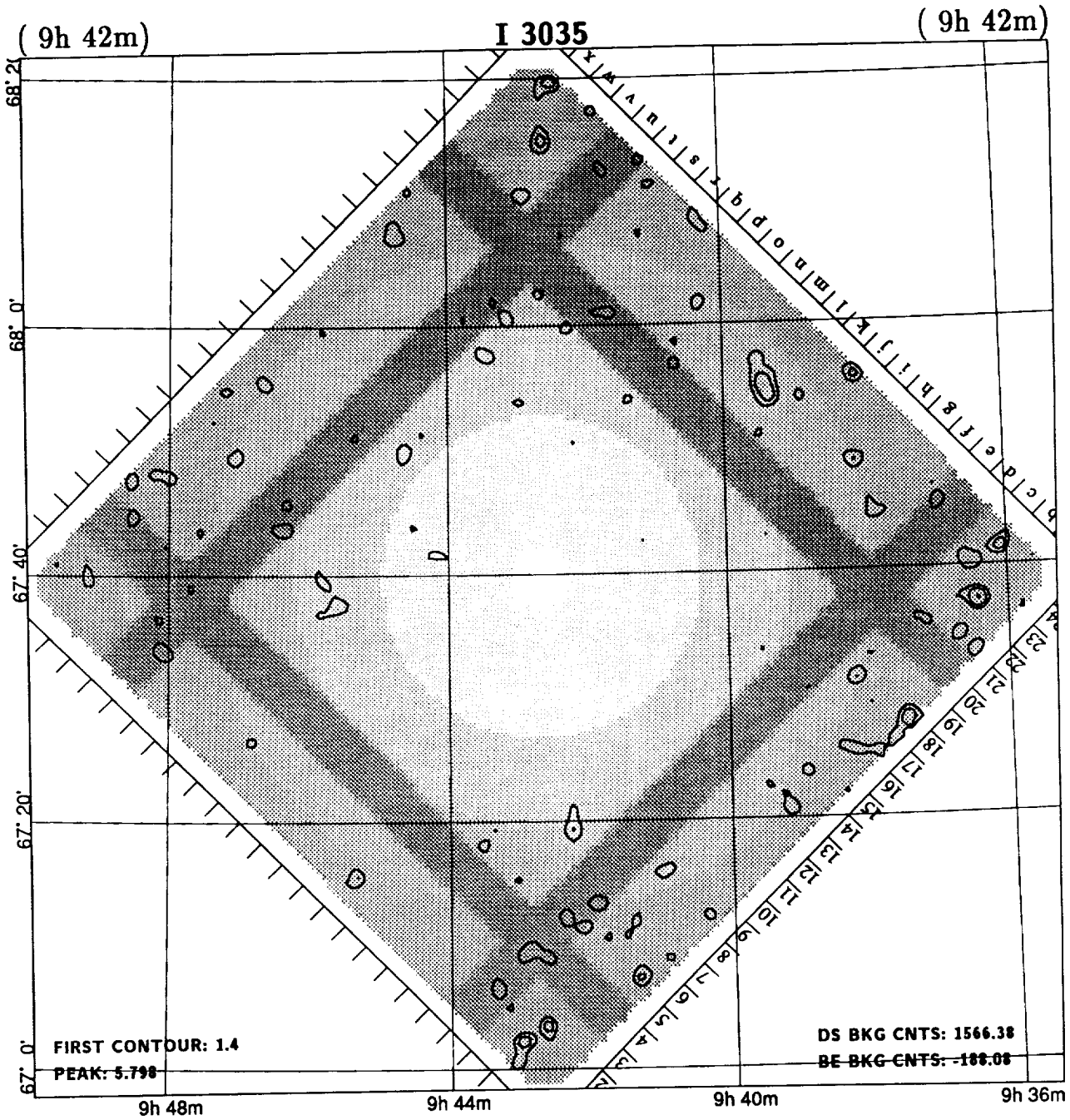
A 862, MAGNETIC FIELDS IN CLUSTERS OF GALAXIES

FIELD CENTER: 09^h 41^m 48.0^s 09° 47' 59" (B1950)
 09^h 41^m 28.1^s 09° 34' 11" (J2000)
 $l: 225.51$ $b: 42.63$

DATE: 1979/141 - 1979/141
 LIVETIME: 3350.2_e
 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 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: $09^{\text{h}}42^{\text{m}}39.0^{\text{s}}$ $67^{\circ}40'24''$ (B1950)
 $09^{\text{h}}46^{\text{m}}42.7^{\text{s}}$ $67^{\circ}26'32''$ (J2000)
 $l: 144.48$ $b: 41.11$

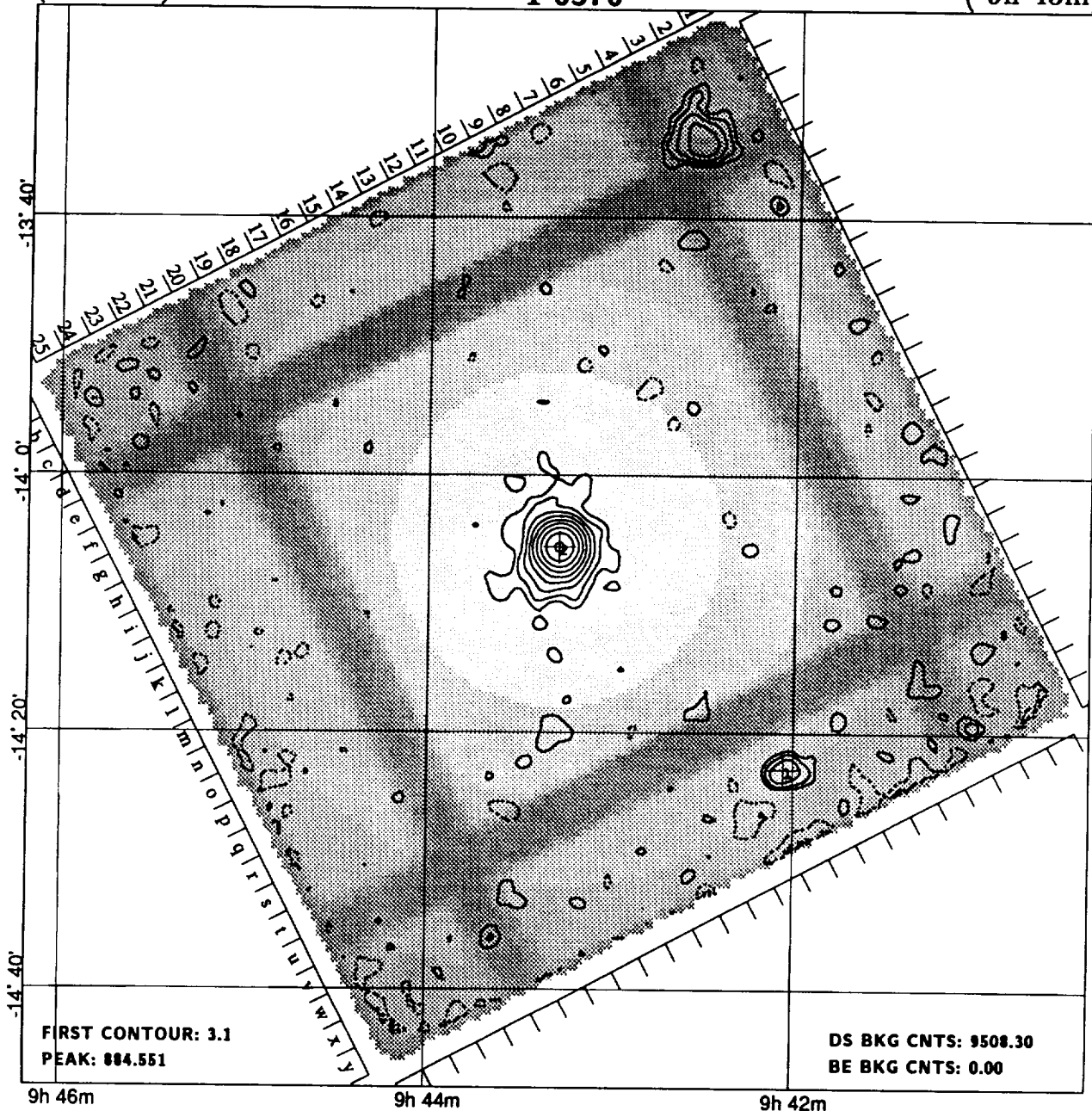
DATE: 1979/117 - 1979/277
LIVETIME: 1269.3s
ROLL ANGLE: -134.9°

NH: $4.6\text{E}+20$
REF/ID:
FIELD FLAGS:

(9h 43m)

I 6376

(9h 43m)



NGC 2992, SEYFERT VARIABILITY STUDY

FIELD CENTER: $09^h 43^m 17.6^s$ $-14^\circ 05' 43''$ (B1950)
 $09^h 45^m 41.9^s$ $-14^\circ 19' 36''$ (J2000)
 $l: 249.71$ $b: 28.78$

DATE: 1980/157 - 1980/161
 LIVETIME: 7704.9s
 ROLL ANGLE: 62.4°

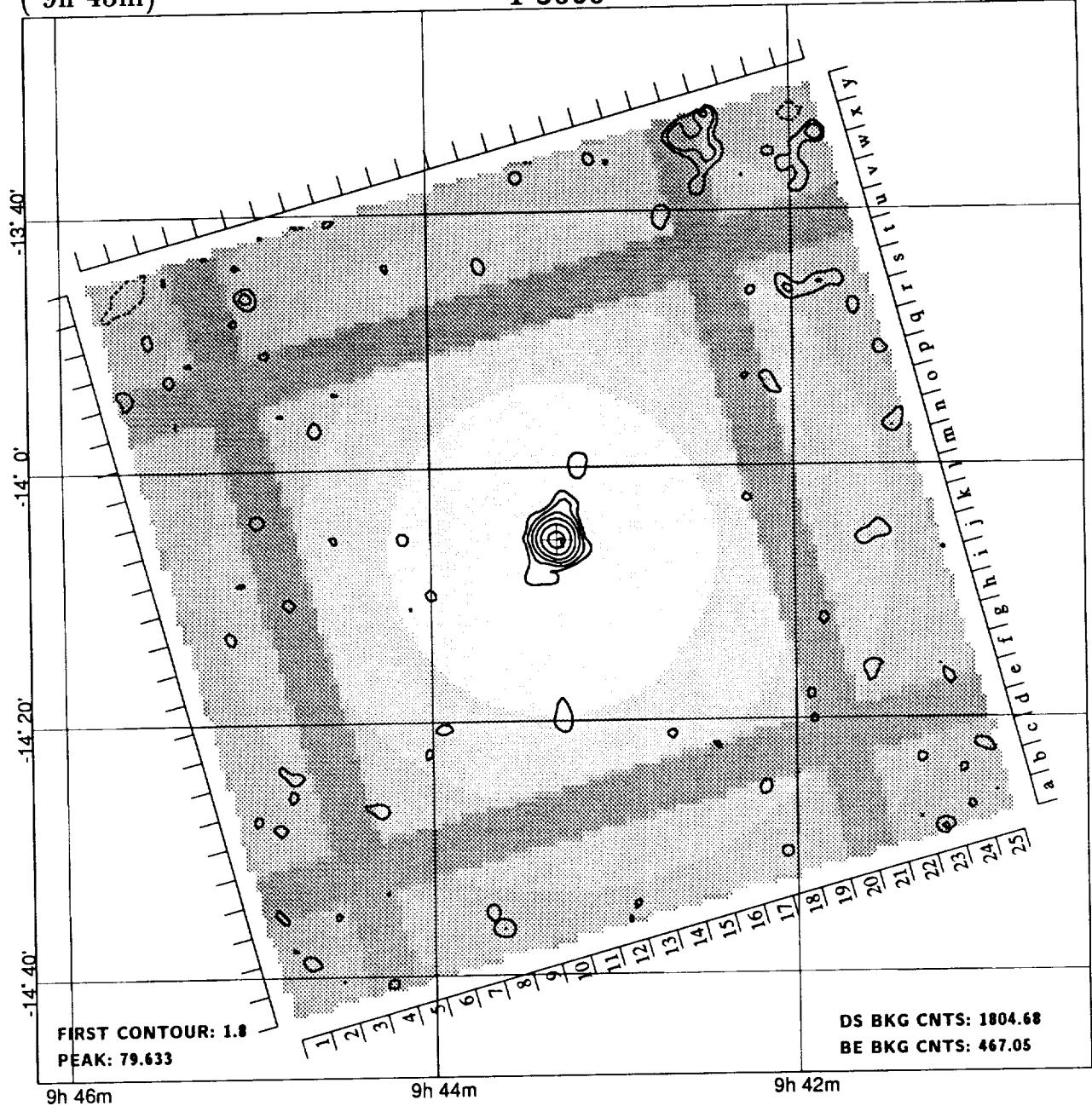
NH: $5.2E+20$
 REF/ID:
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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°

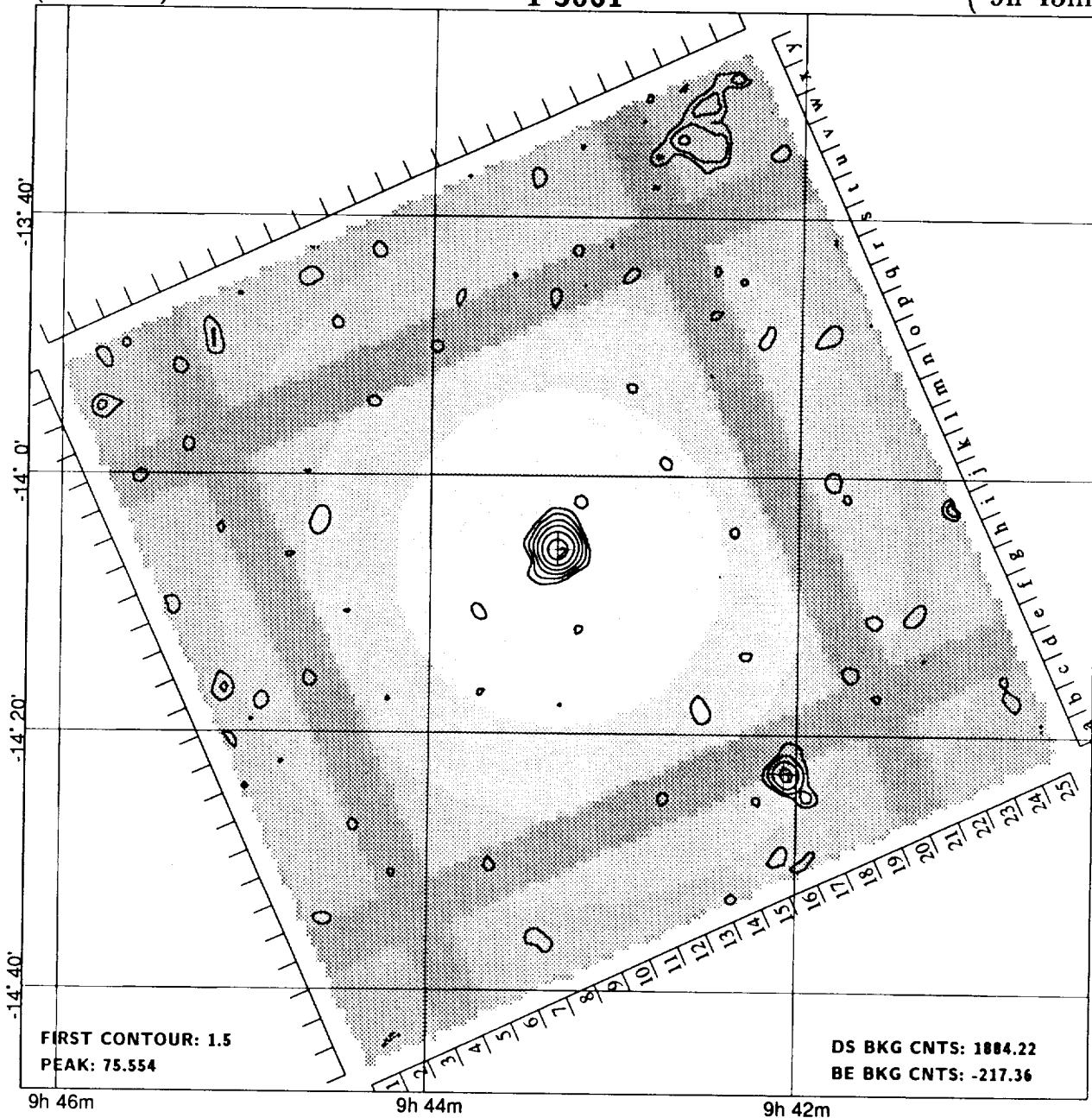
NH: 5.2E+20
 REF/ID:
 FIELD FLAGS: C

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

(9h 43m)

I 3061

(9h 43m)



FIRST CONTOUR: 1.5
PEAK: 75.554

DS BKG CNTS: 1884.22
BE BKG CNTS: -217.36

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°

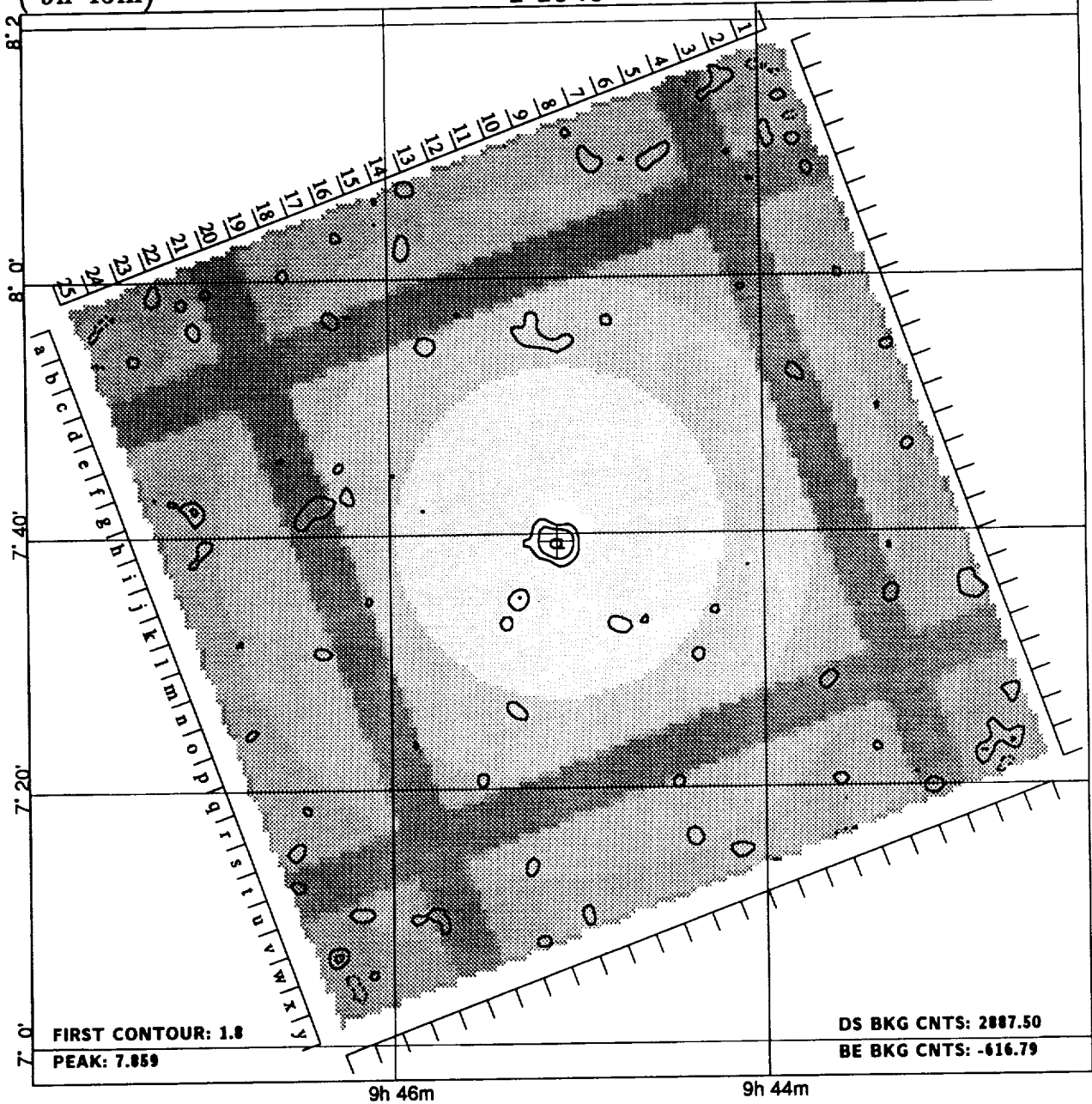
NH: 5.2E+20
REF/ID:
FIELD FLAGS: C

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

(9h 45m)

I 1943

(9h 45m)



3C 227: SEYFERT AND N-TYPE GALAXIES

FIELD CENTER: $09^{\text{h}}45^{\text{m}}06.3^{\text{s}}$ $07^{\circ}39'16''$ (B1950)
 $09^{\text{h}}47^{\text{m}}44.9^{\text{s}}$ $07^{\circ}25'20''$ (J2000)
 $l: 228.58$ $b: 42.29$

DATE: 1979/145 - 1979/145
 LIVETIME: 2339.8s
 ROLL ANGLE: 69.8°

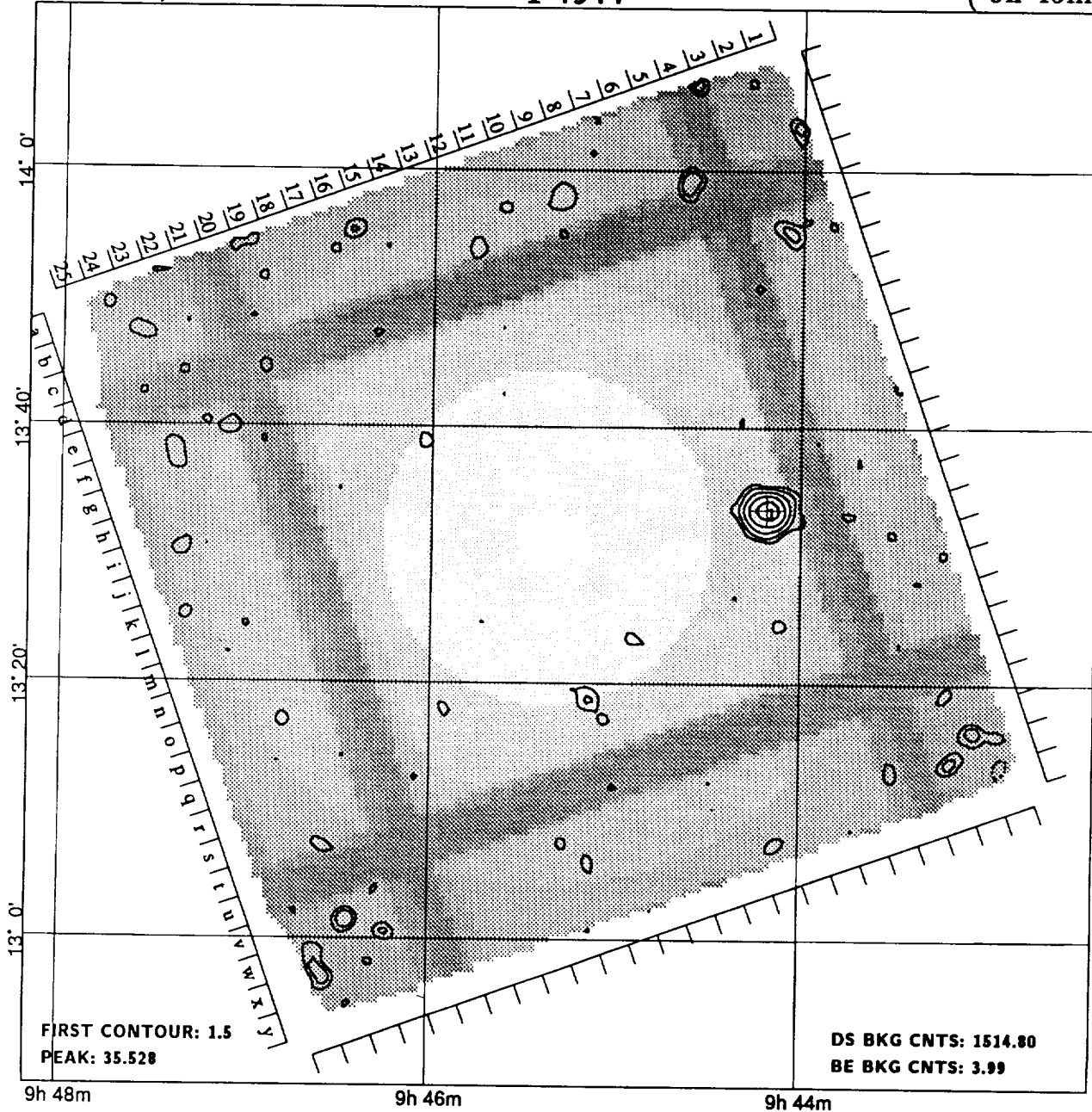
NH: $2.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(9h 45m)

I 4944

(9h 45m)



SELECTED SINGLE STARS: IRC 10216

FIELD CENTER: $09^h 45^m 18.0^s$ $13^\circ 30' 35''$ (B1950)
 $09^h 48^m 00.5^s$ $13^\circ 16' 38''$ (J2000)
 $l: 221.46$ $b: 45.07$

DATE: 1980/143 - 1980/143
 LIVETIME: 1227.5s
 ROLL ANGLE: 70.6°

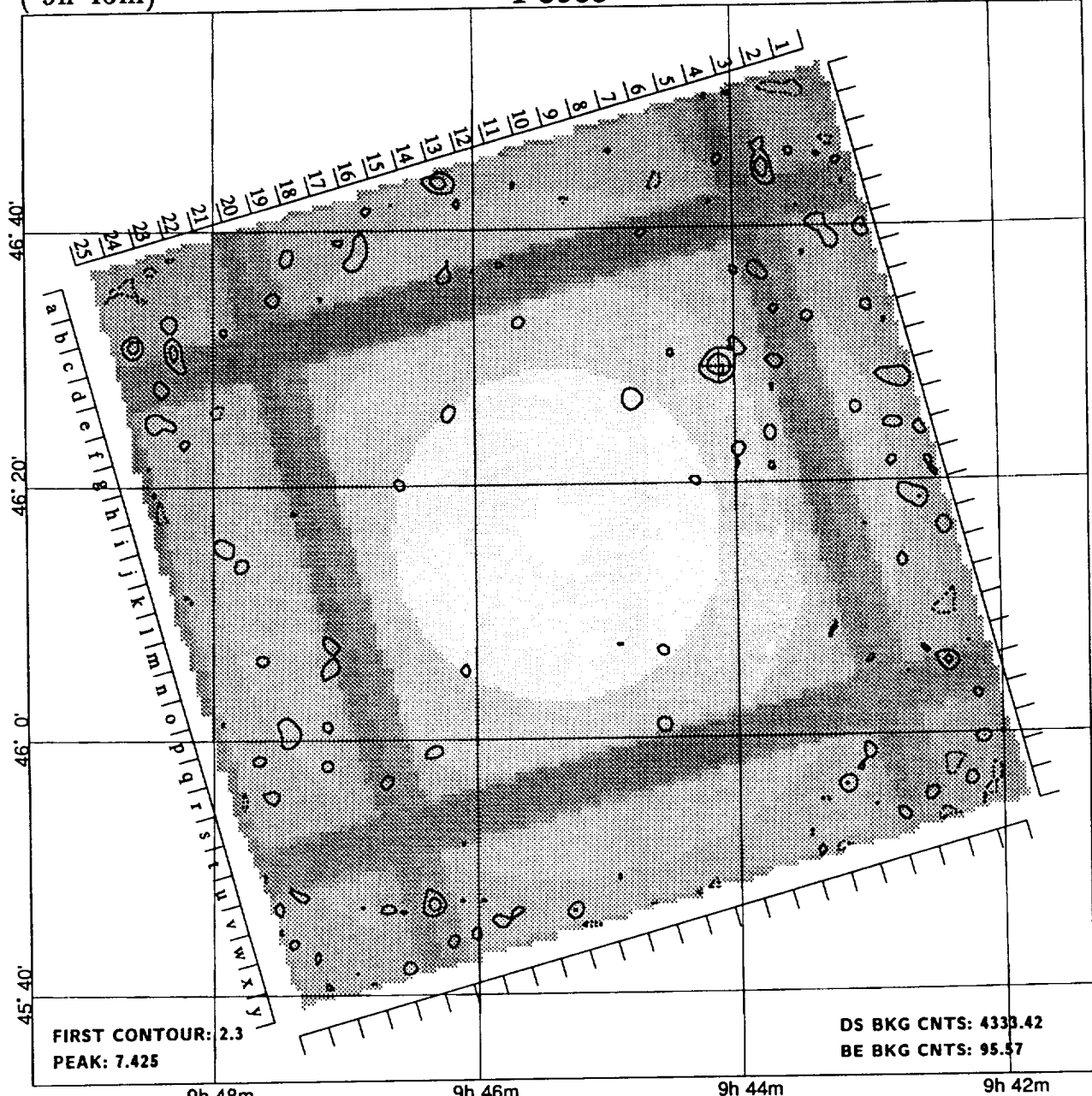
NH: $3.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)



FIRST CONTOUR: 2.3
PEAK: 7.425

DS BKG CNTS: 4333.42
BE BKG CNTS: 95.57

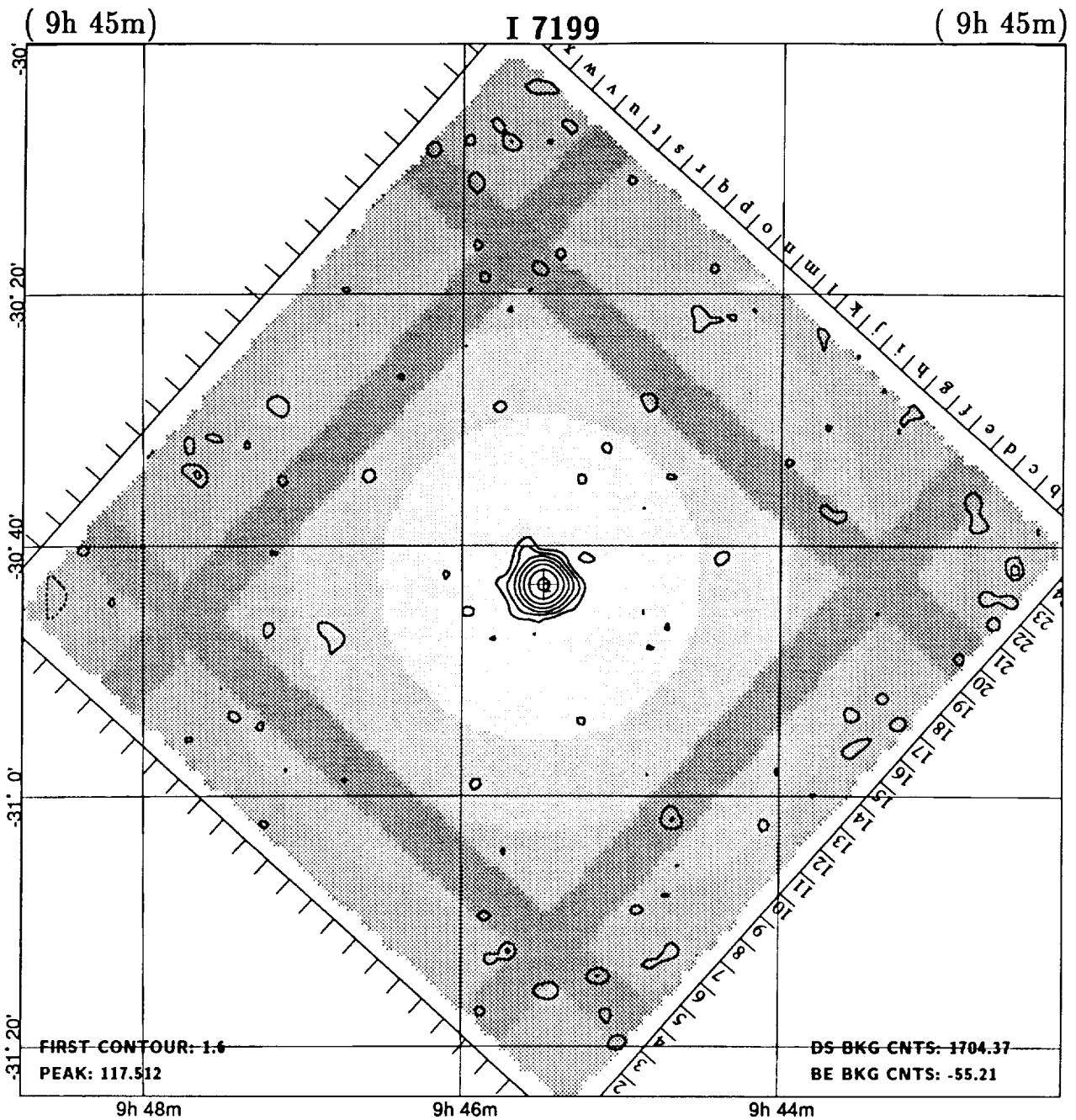
Chromospherically Inactive Stars: 368 (G2)

FIELD CENTER: 09^h 45^m 22.0^s 46° 15' 17" (B1950)
09^h 48^m 33.8^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 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



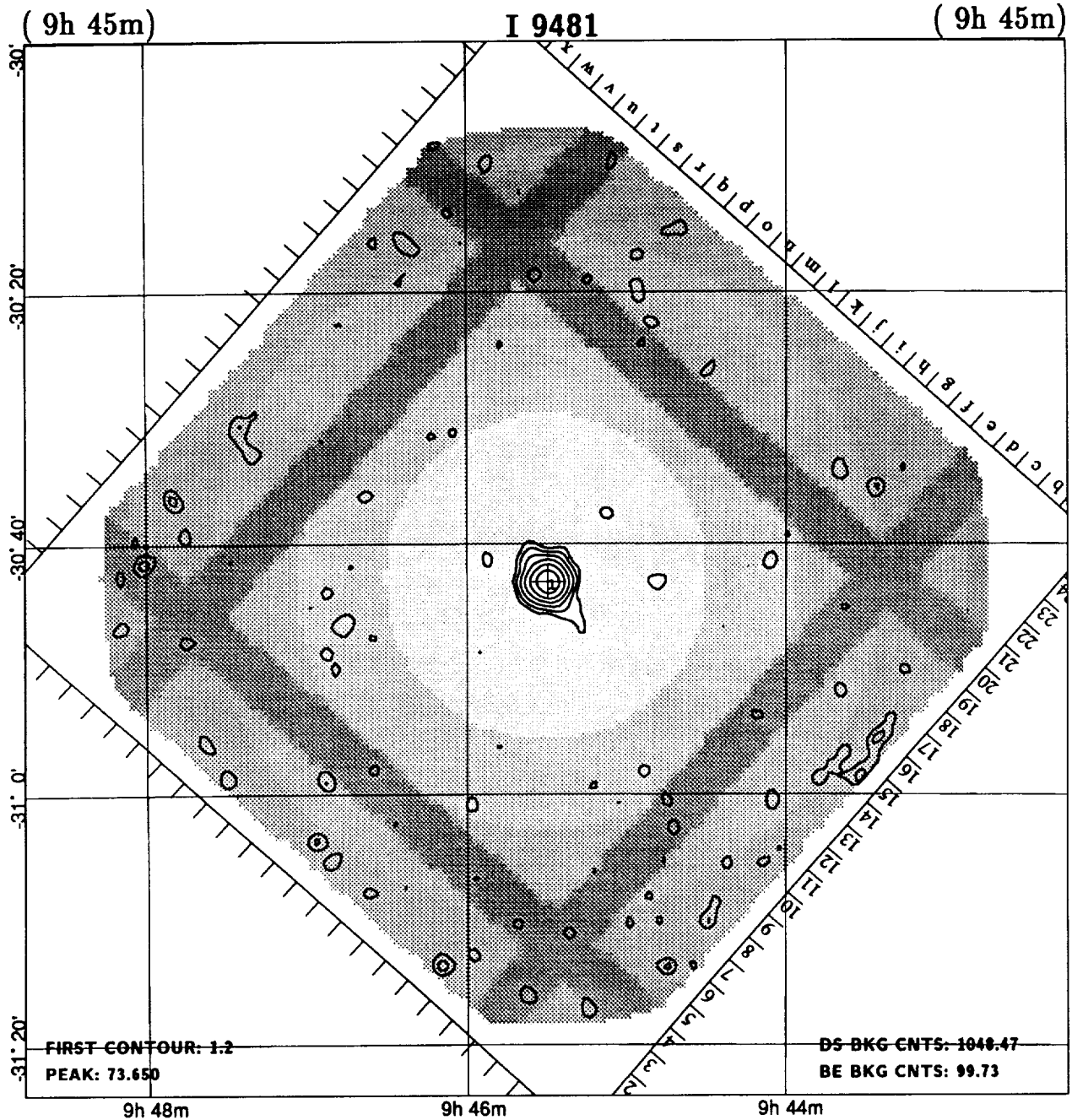
0945-30, VARIABILITY OF TYPE 2 SEYFERTS

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 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



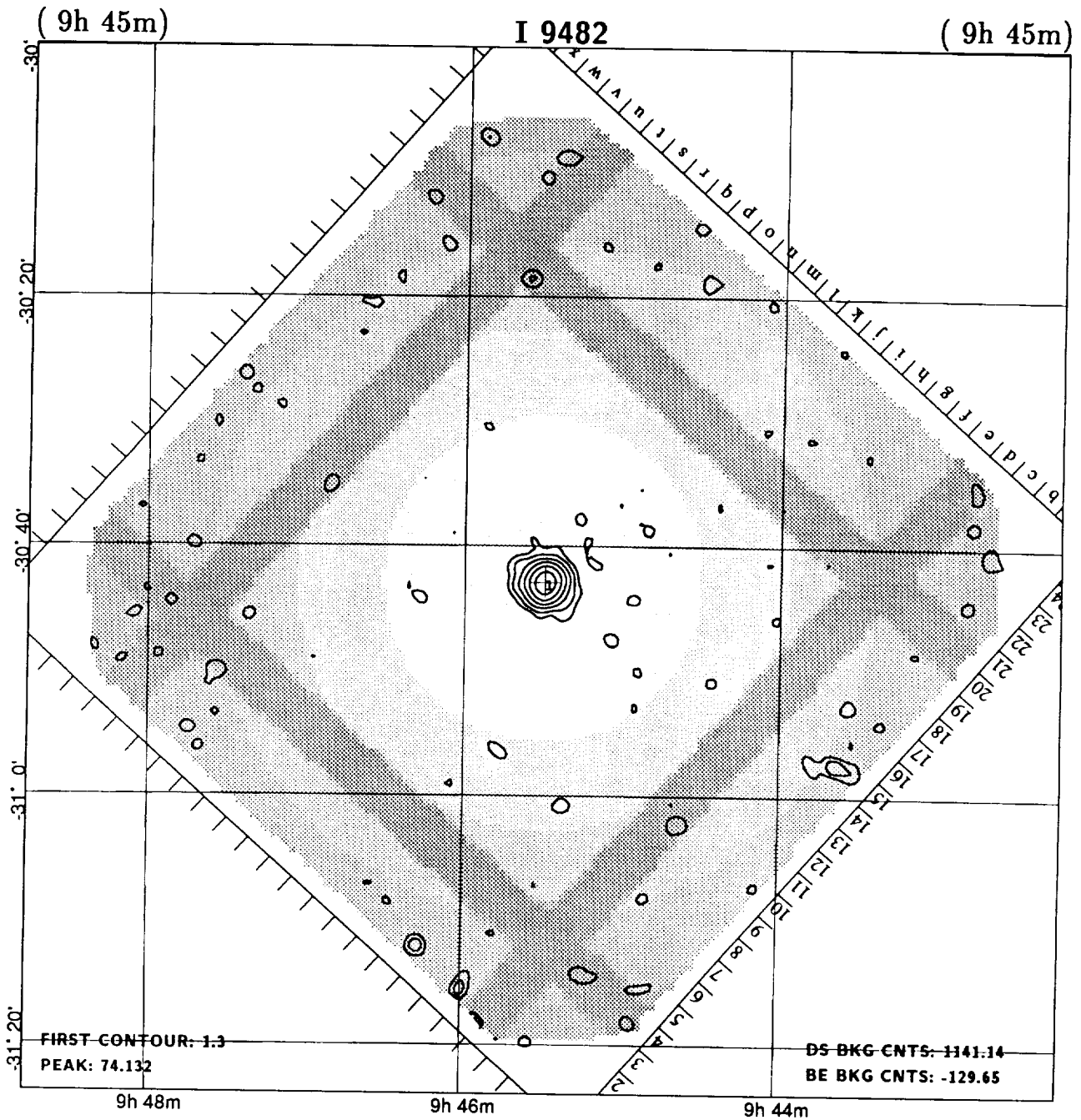
0945-30: VARIABILITY OF TYPE 2 SEYFERTS

FIELD CENTER: $09^h 45^m 30.0^s$ $-30^\circ 41' 59''$ (B1950)
 $09^h 47^m 41.0^s$ $-30^\circ 55' 57''$ (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 ID FLG
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: VARIABILITY OF TYPE 2 SEYFERTS

FIELD CENTER: $09^h 45^m 30.0^s$ $-30^\circ 41' 59''$ (B1950)
 $09^h 47^m 41.8^s$ $-30^\circ 55' 57''$ (J2000)
 $l: 262.74$ $b: 17.25$

DATE: 1981/ 4 - 1981/ 4
LIVETIME: 924.7s
ROLL ANGLE: -138.6°

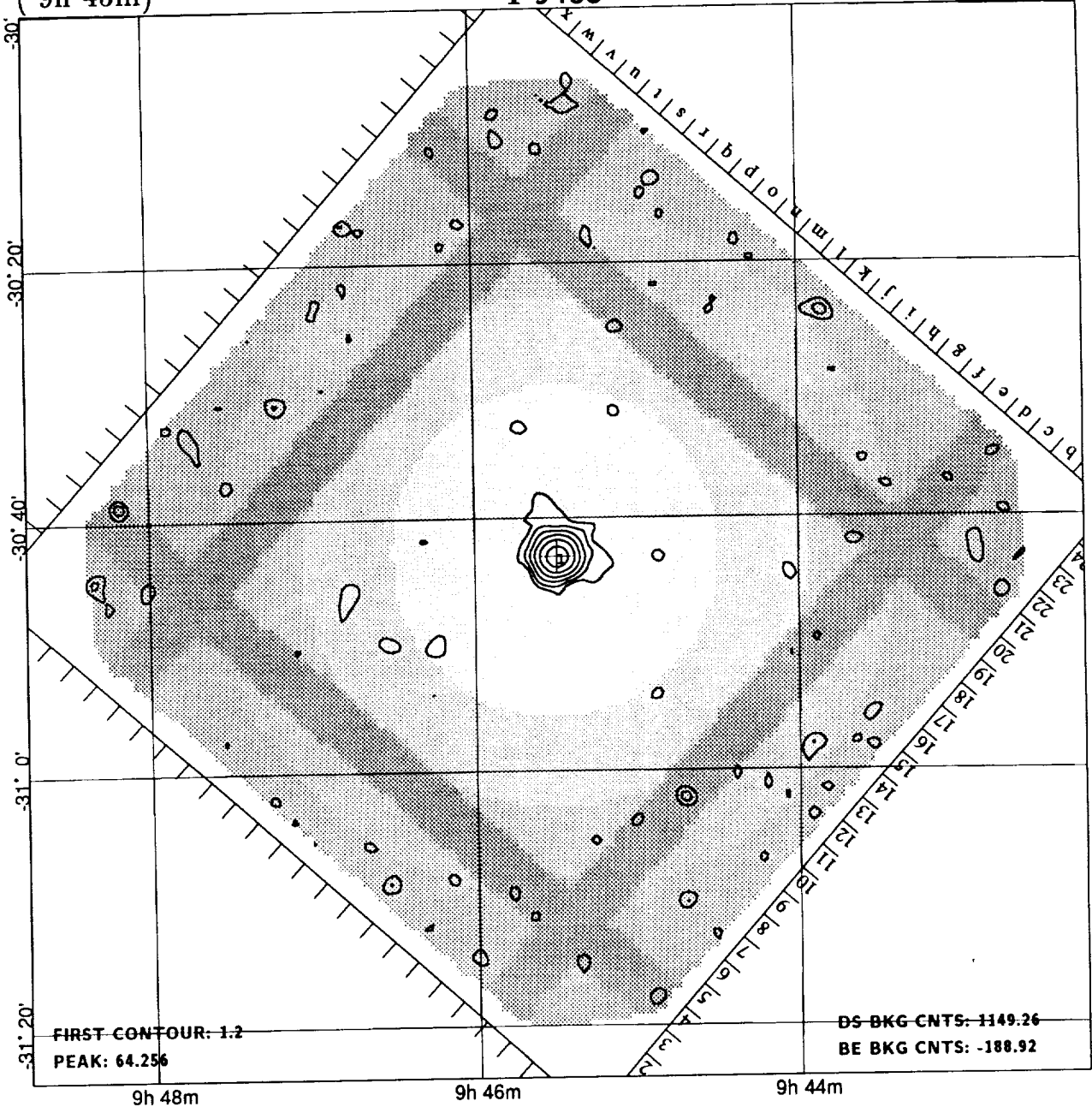
NH: $8.5E+20$
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(9h 45m)

I 9483

(9h 45m)



0945-30: VARIABILITY OF TYPE 2 SEYFERTS

FIELD CENTER: 09^h 45^m 30.0^s -30° 41' 59" (B1950)
 09^h 47^m 41.8^s -30° 55' 57" (J2000)
 l : 262.74 b : 17.25

DATE: 1981/ 4 - 1981/ 4
 LIVETIME: 931.3s
 ROLL ANGLE: -138.6°

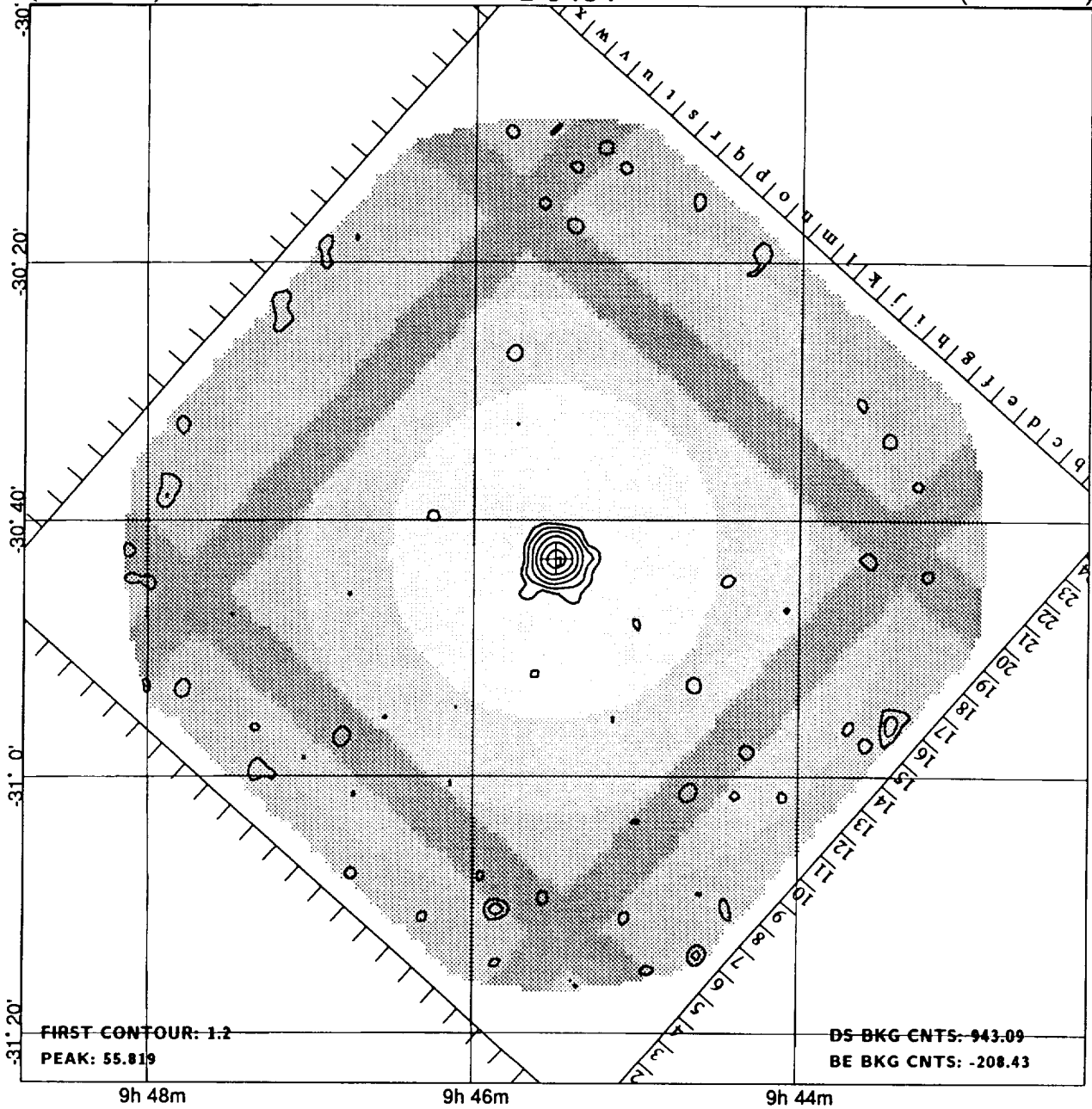
NH: 8.5E+20
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(9h 45m)

I 9484

(9h 45m)



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: 764.2s
 ROLL ANGLE: -138.7°

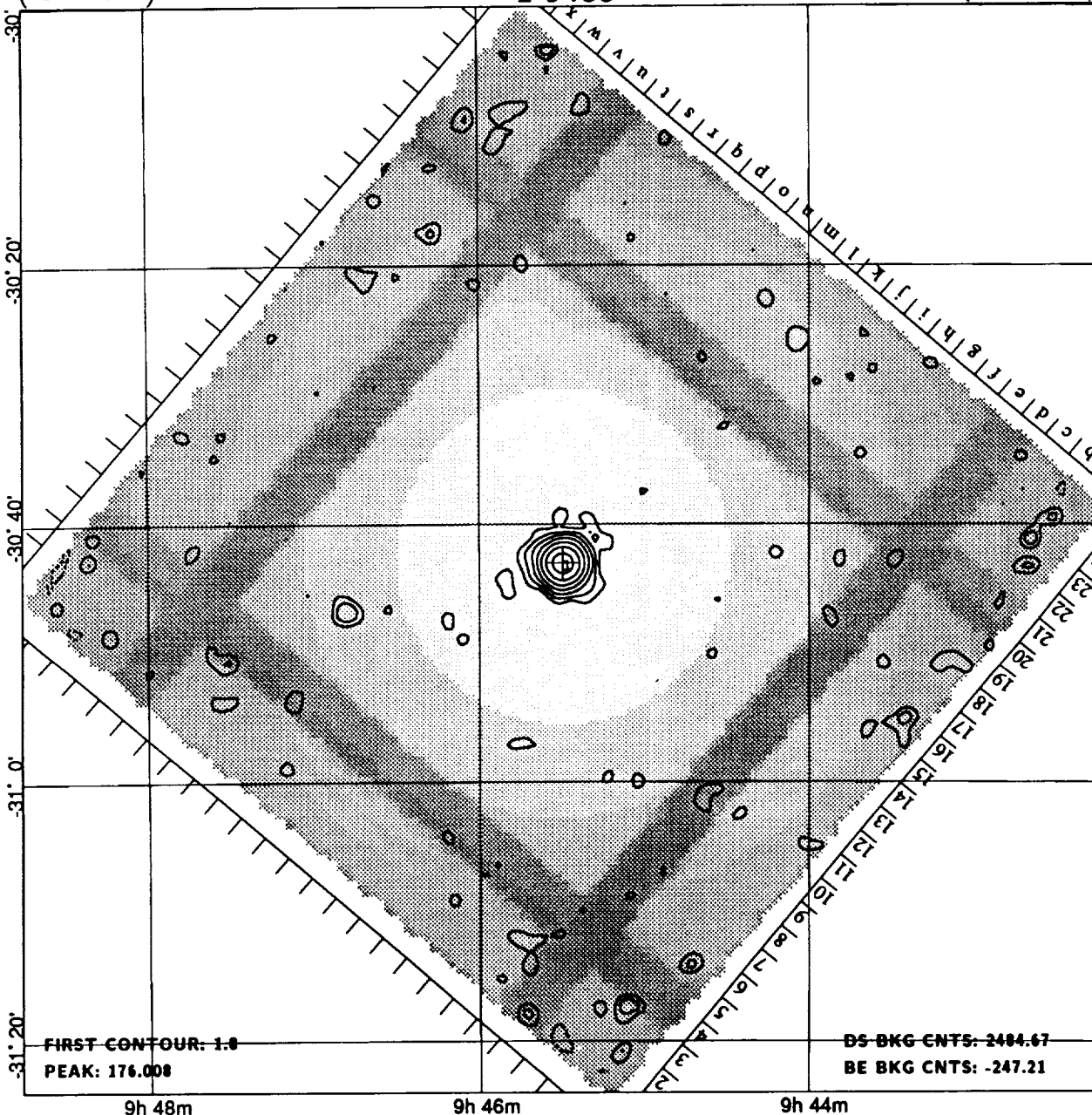
NH: 8.5E+20
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(9h 45m)

I 9485

(9h 45m)



0945-30: VARIABILITY OF TYPE 2 SEYFERTS

FIELD CENTER: $09^h 45^m 30.0^s$ $-30^\circ 41' 59''$ (B1950)
 $09^h 47^m 41.8^s$ $-30^\circ 55' 57''$ (J2000)
 $l: 262.74$ $b: 17.25$

DATE: 1981/ 5 - 1981/ 5
 LIVETIME: 2013.4s
 ROLL ANGLE: -139.7°

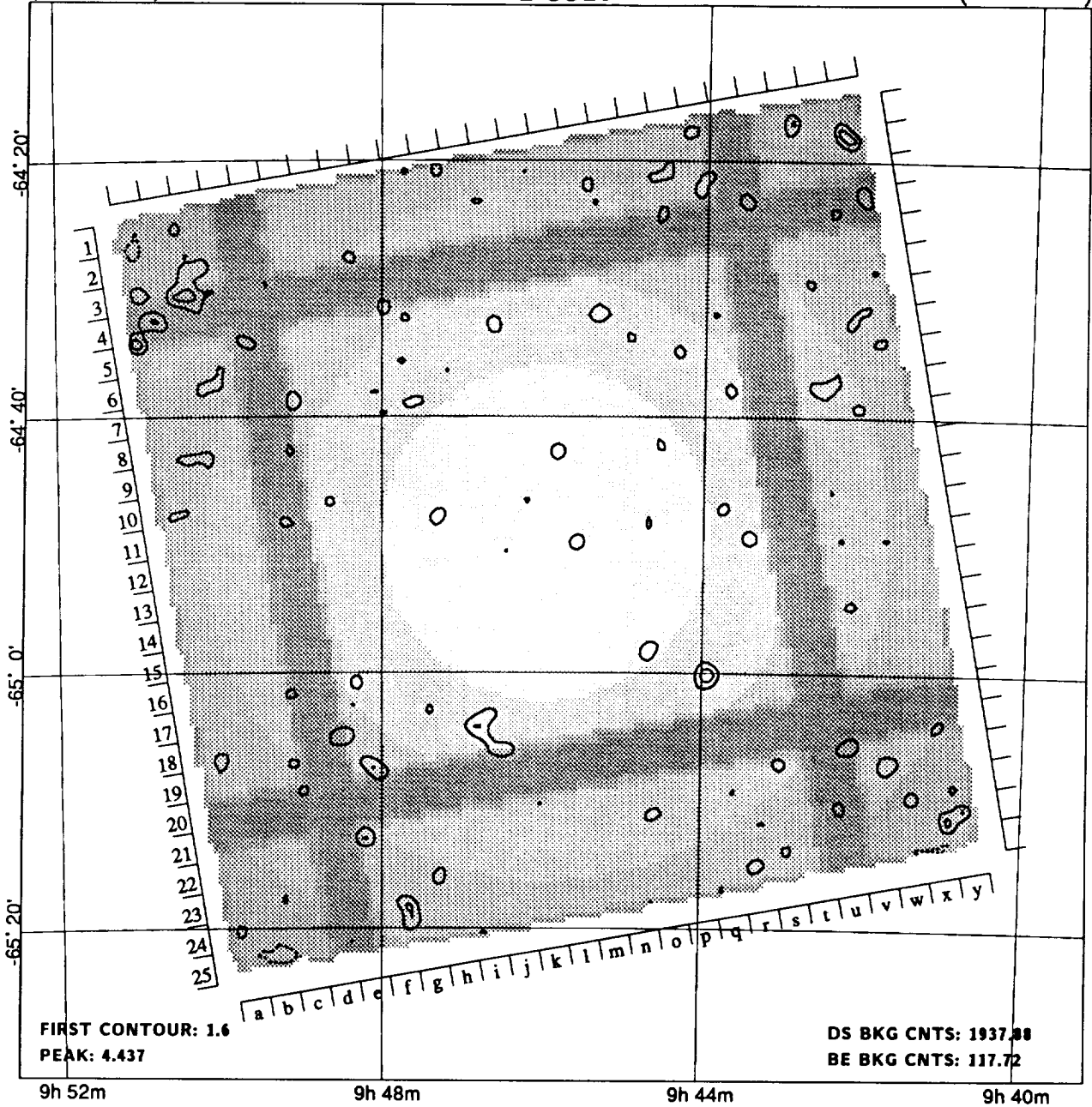
NH: $8.5E+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(9h 45m)

I 5517

(9h 45m)



FIRST CONTOUR: 1.6
 PEAK: 4.437

DS BKG CNTS: 1937.88
 BE BKG CNTS: 117.72

9h 52m

9h 48m

9h 44m

9h 40m

Nu CAR

FIELD CENTER: $09^h 45^m 51.0^s$ $-64^\circ 49' 59''$ (B1950)
 $09^h 47^m 06.0^s$ $-65^\circ 03' 56''$ (J2000)
 $l: 285.03$ $b: -8.81$

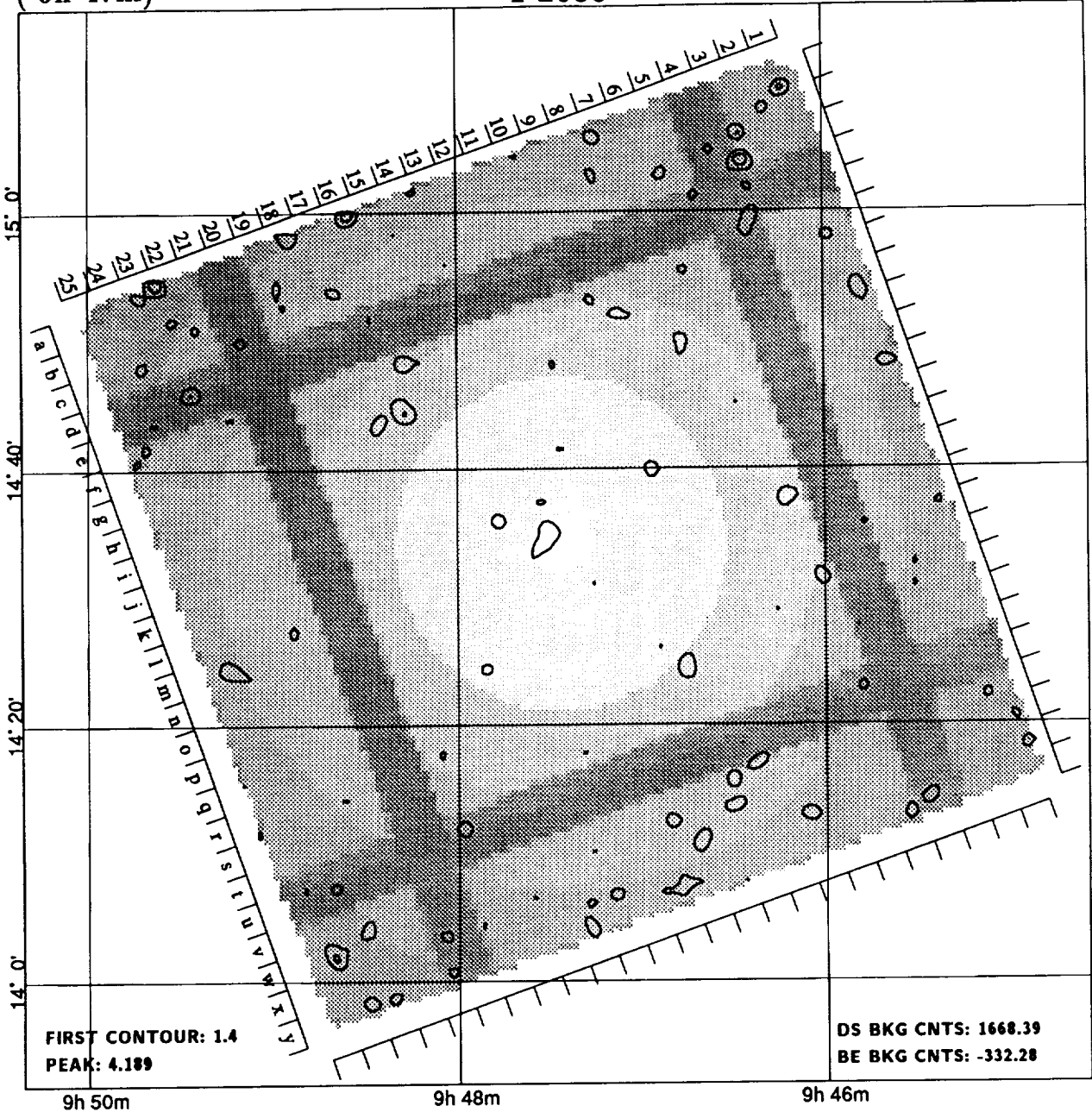
DATE: 1980/240 - 1980/240
 LIVETIME: 1570.3s
 ROLL ANGLE: -9.9°

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

(9h 47m)

I 2686

(9h 47m)



3C 228.0: BRIGHT X-GALACTIC RADIO SOURCES

FIELD CENTER: $09^h 47^m 28.0^s$ $14^\circ 34' 01''$ (B1950)
 $09^h 50^m 11.0^s$ $14^\circ 19' 59''$ (J2000)
 $l: 220.40$ $b: 45.99$

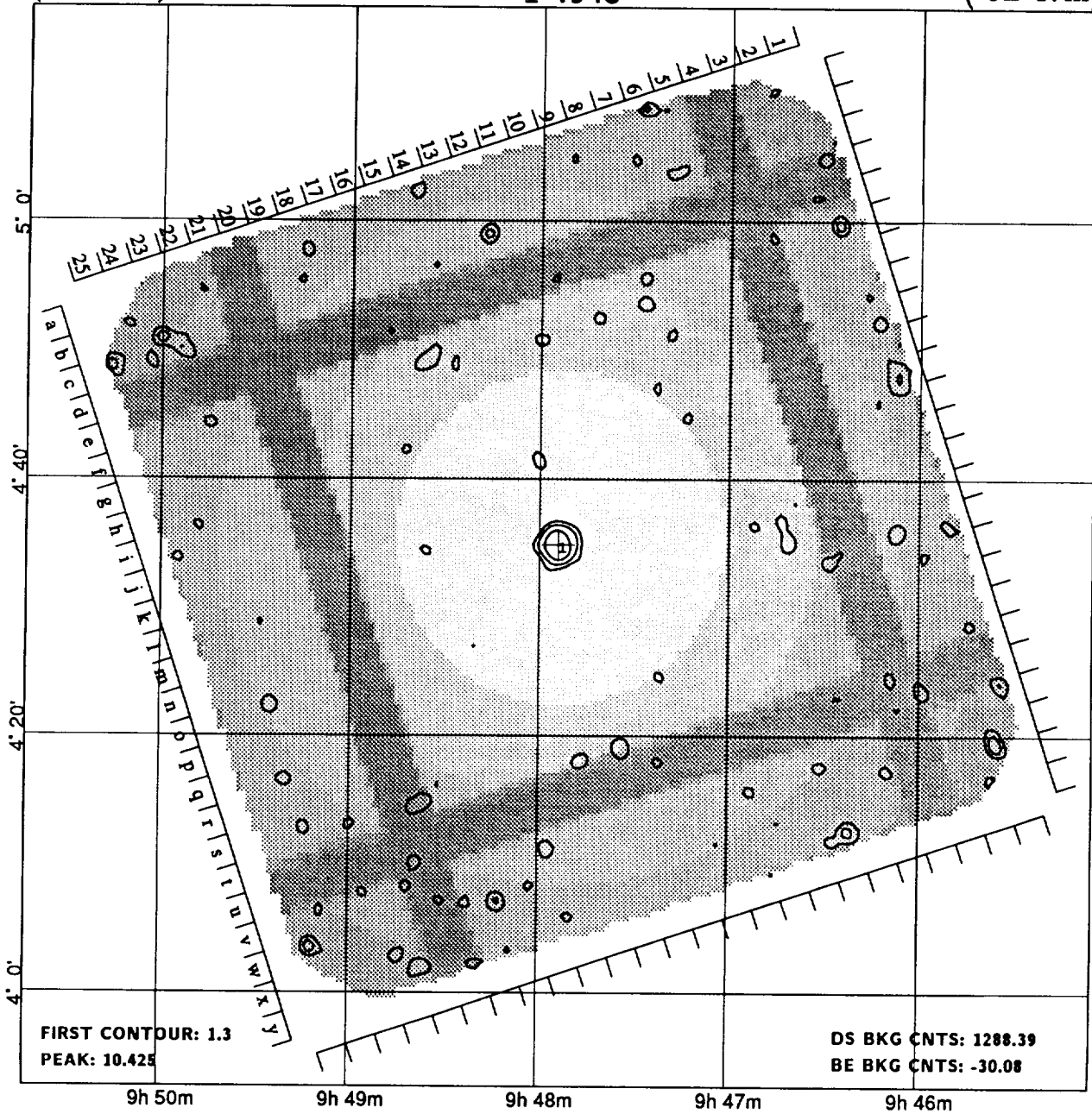
DATE: 1979/143 - 1979/143
 LIVETIME: 1351.9s
 ROLL ANGLE: 70.7°

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

(9h 47m)

I 4945

(9h 47m)



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°

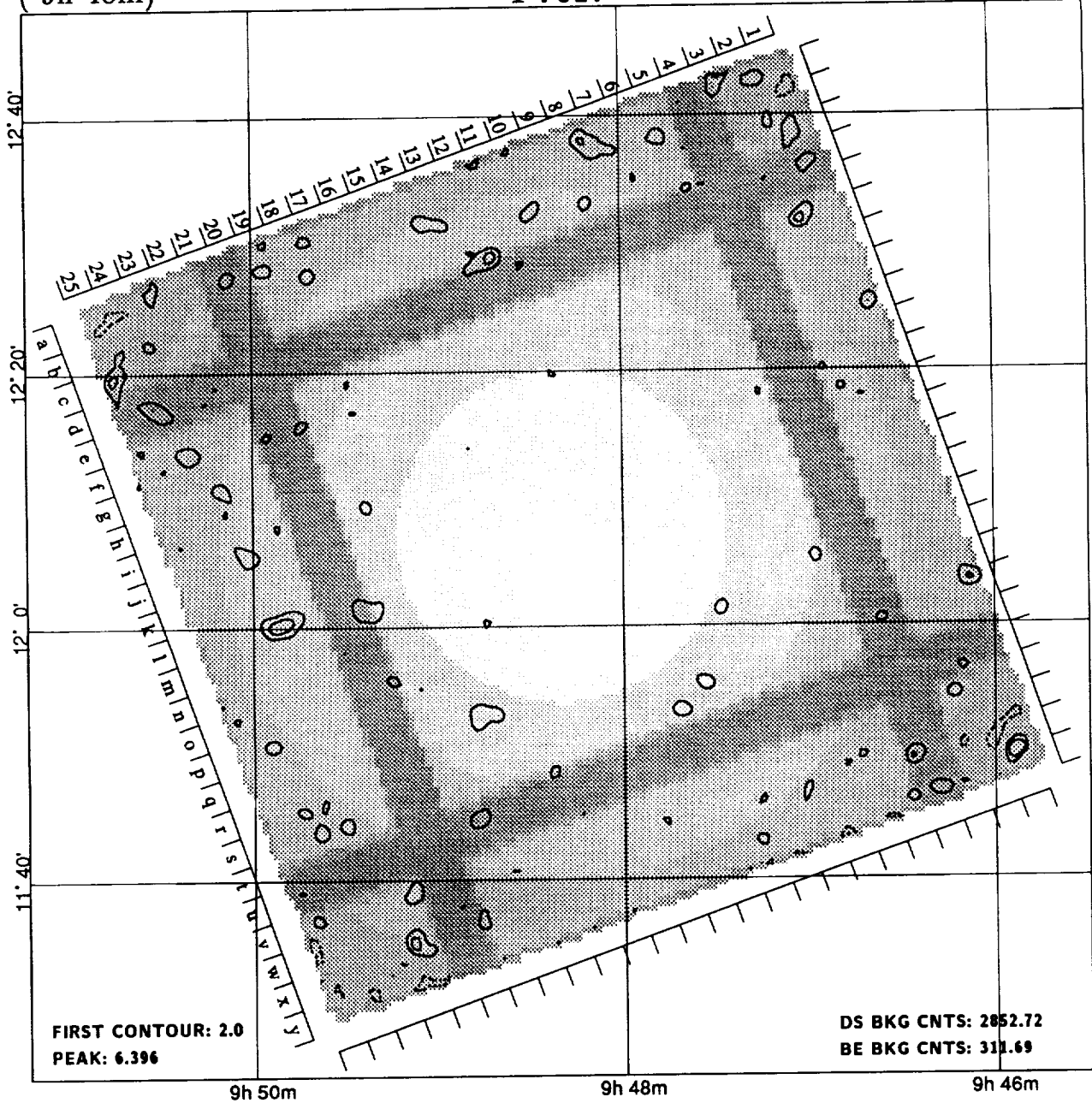
NH: 3.4E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
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

(9h 48m)

I 7617

(9h 48m)



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

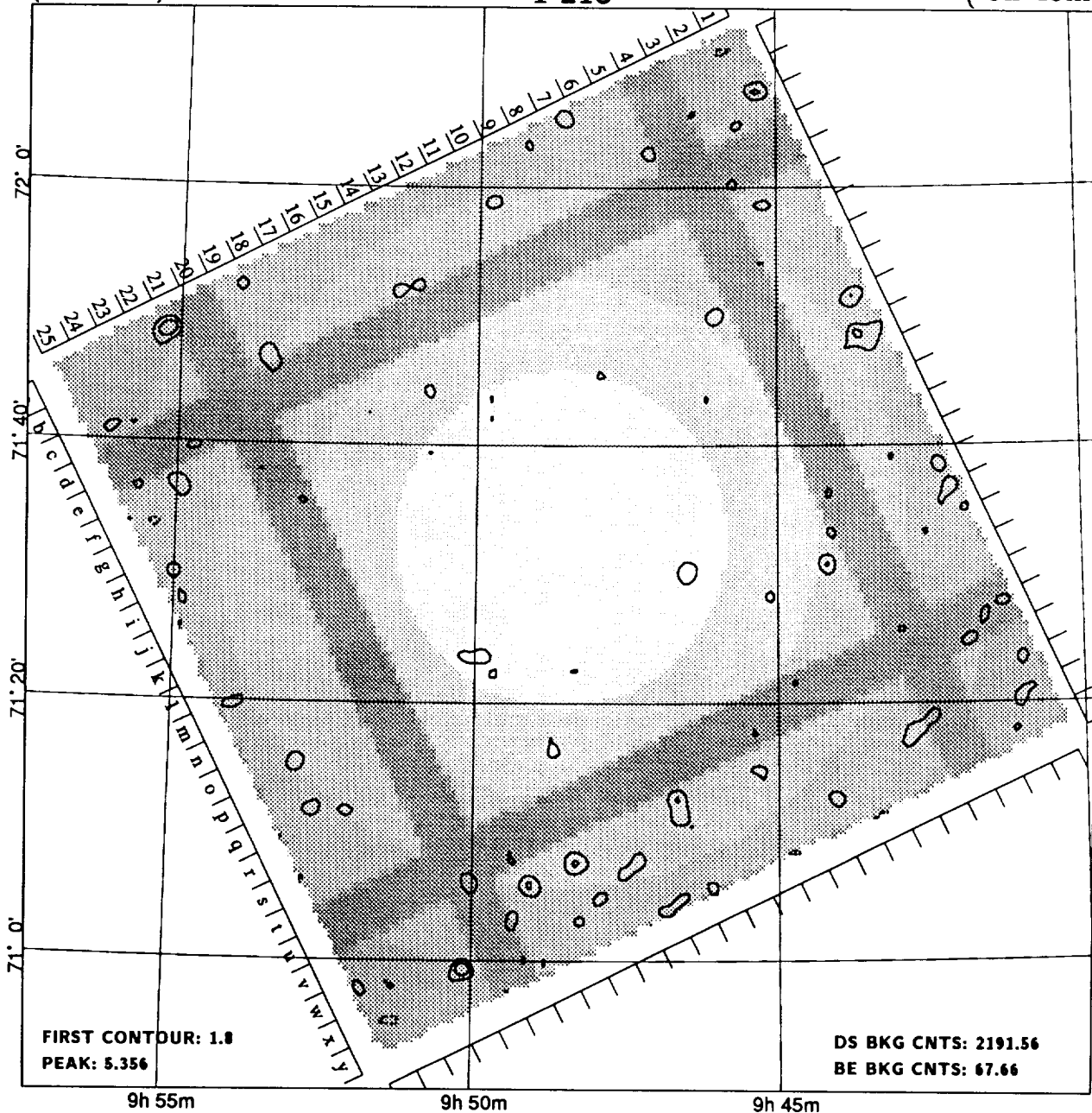
DATE: 1980/131 - 1980/131
 LIVETIME: 2394.7s
 ROLL ANGLE: 70.5°

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

(9h 48m)

I 215

(9h 48m)



A 873 CLUSTER EVOLUTION

FIELD CENTER: $09^{\text{h}}48^{\text{m}}37.0^{\text{s}}$ $71^{\circ}31'59''$ (B1950)
 $09^{\text{h}}52^{\text{m}}56.9^{\text{s}}$ $71^{\circ}17'52''$ (J2000)
 $l: 139.88$ $b: 39.42$

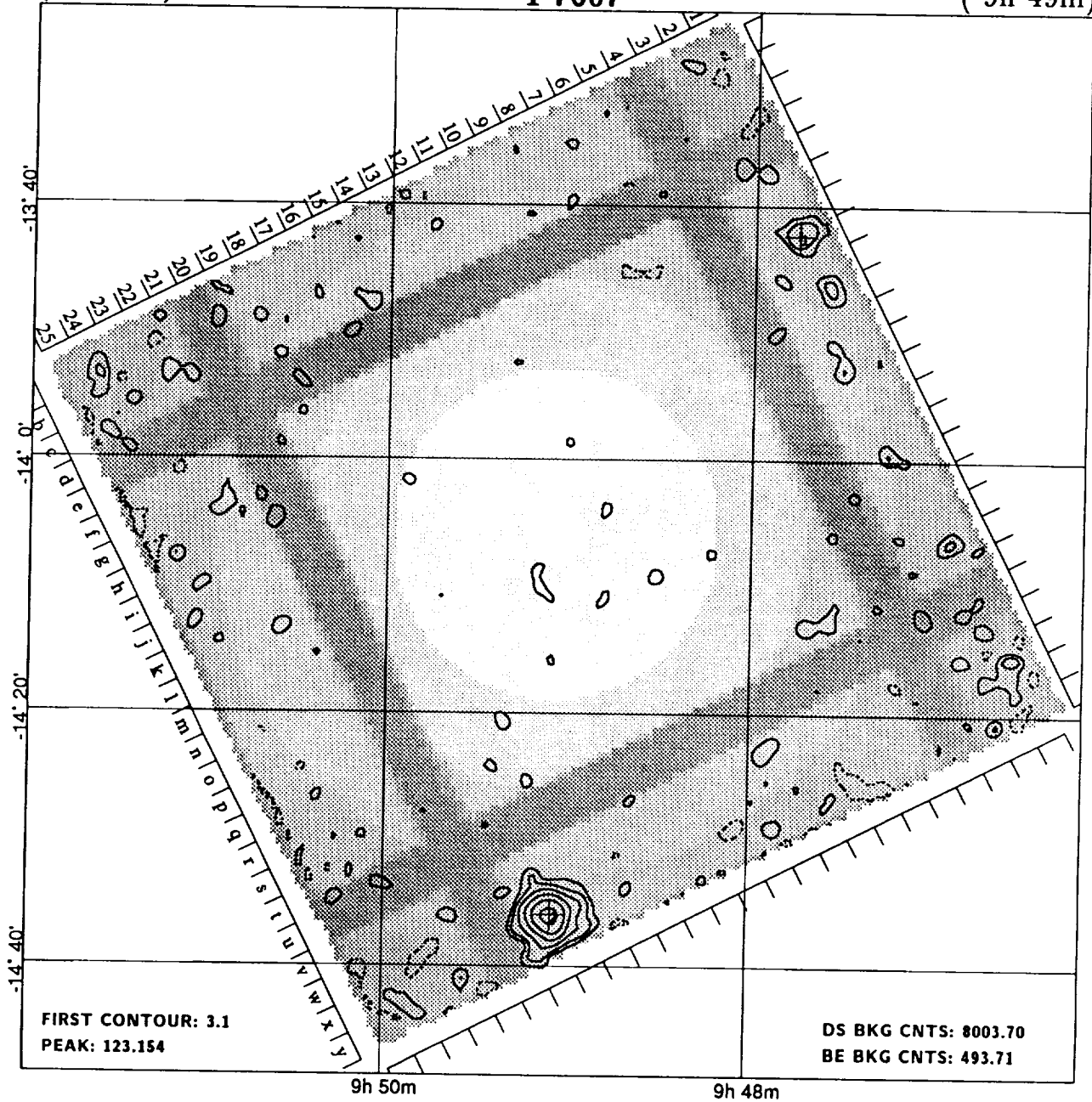
DATE: 1979/117 - 1979/117
LIVETIME: 1775.9s
ROLL ANGLE: 63.9°

NH: $3.4\text{E}+20$
REF/ID:
FIELD FLAGS:

(9h 49m)

I 7607

(9h 49m)



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 : 250.92 b : 29.79

DATE: 1980/158 - 1980/159
 LIVETIME: 6485.7s
 ROLL ANGLE: 63.1°

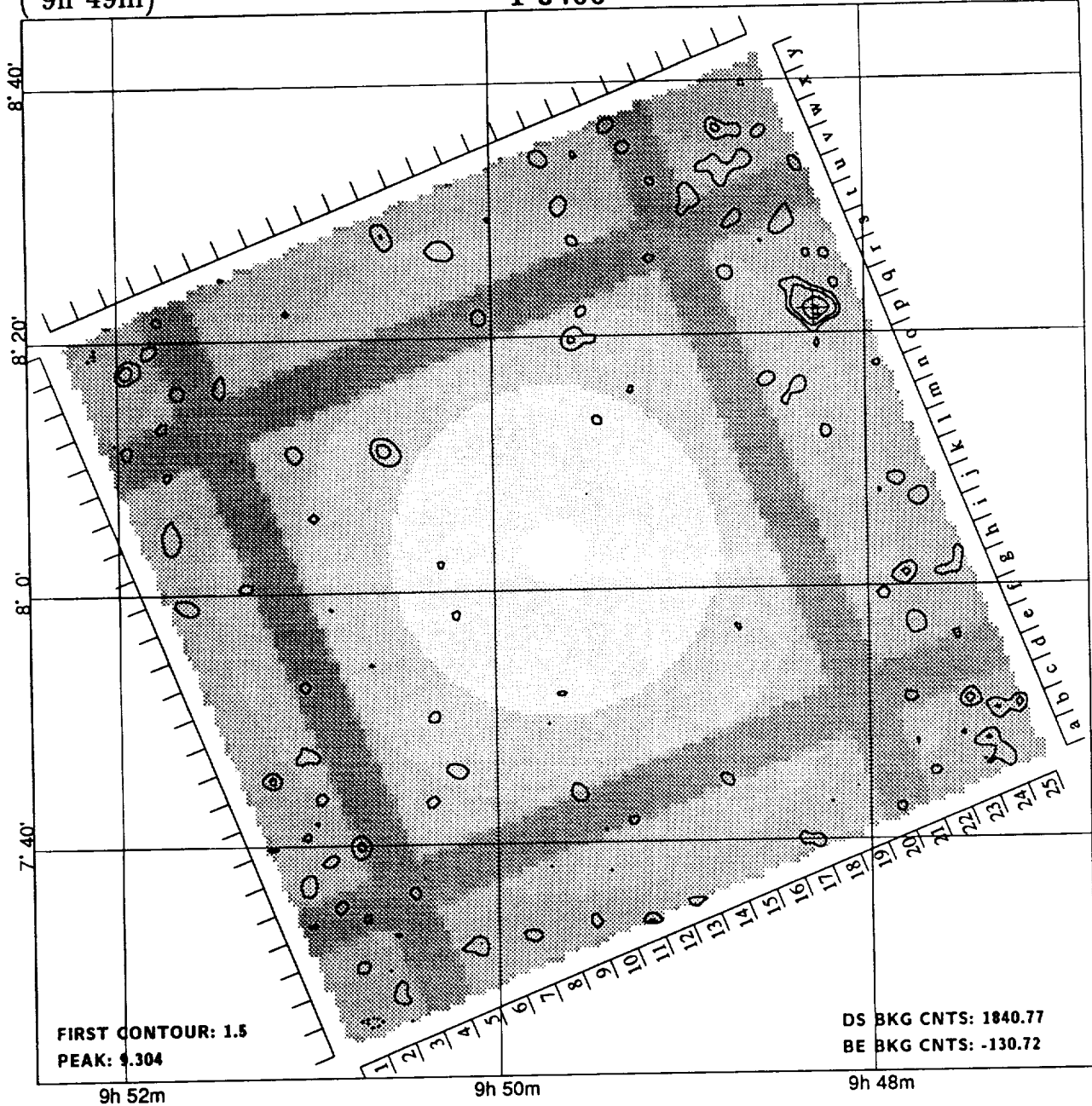
NH: 5.1E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $09^h 49^m 39.0^s$ $08^\circ 03' 41''$ (B1950)
 $09^h 52^m 17.7^s$ $07^\circ 49' 34''$ (J2000)
 $l: 228.88$ $b: 43.46$

DATE: 1980/348 - 1980/348
 LIVETIME: 1491.6s
 ROLL ANGLE: -111.9°

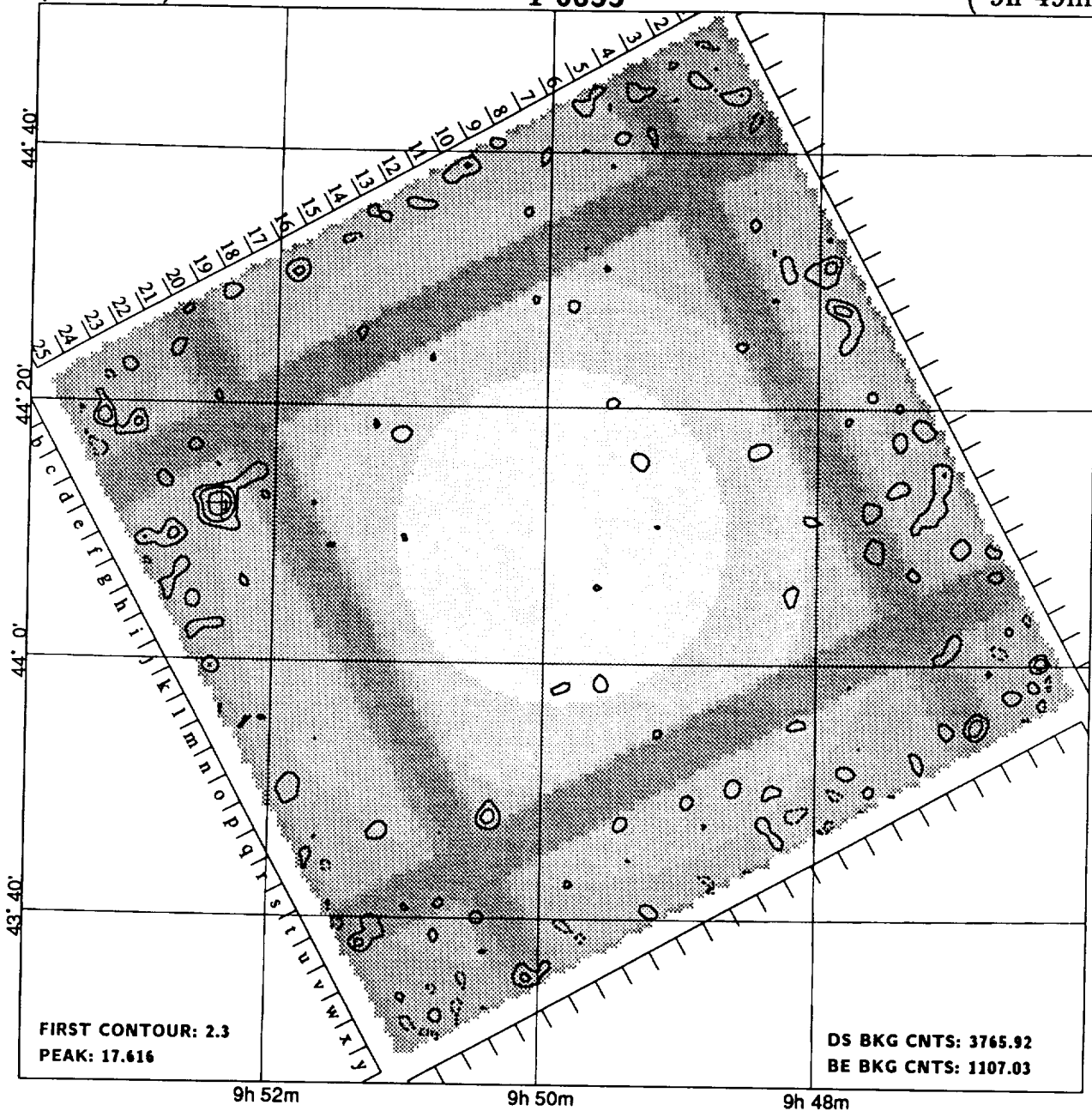
NH: $3.0E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(9h 49m)

I 6853

(9h 49m)



C1 0949+44, OBSERVATIONS OF BUTCHER-OEMLER CLUSTERS

FIELD CENTER: $09^h 49^m 54.0^s$ $44^\circ 08' 59''$ (B1950)
 $09^h 53^m 02.1^s$ $43^\circ 54' 51''$ (J2000)
 $l: 175.77$ $b: 50.60$

DATE: 1980/112 - 1980/112
 LIVETIME: 3161.2s
 ROLL ANGLE: 61.3°

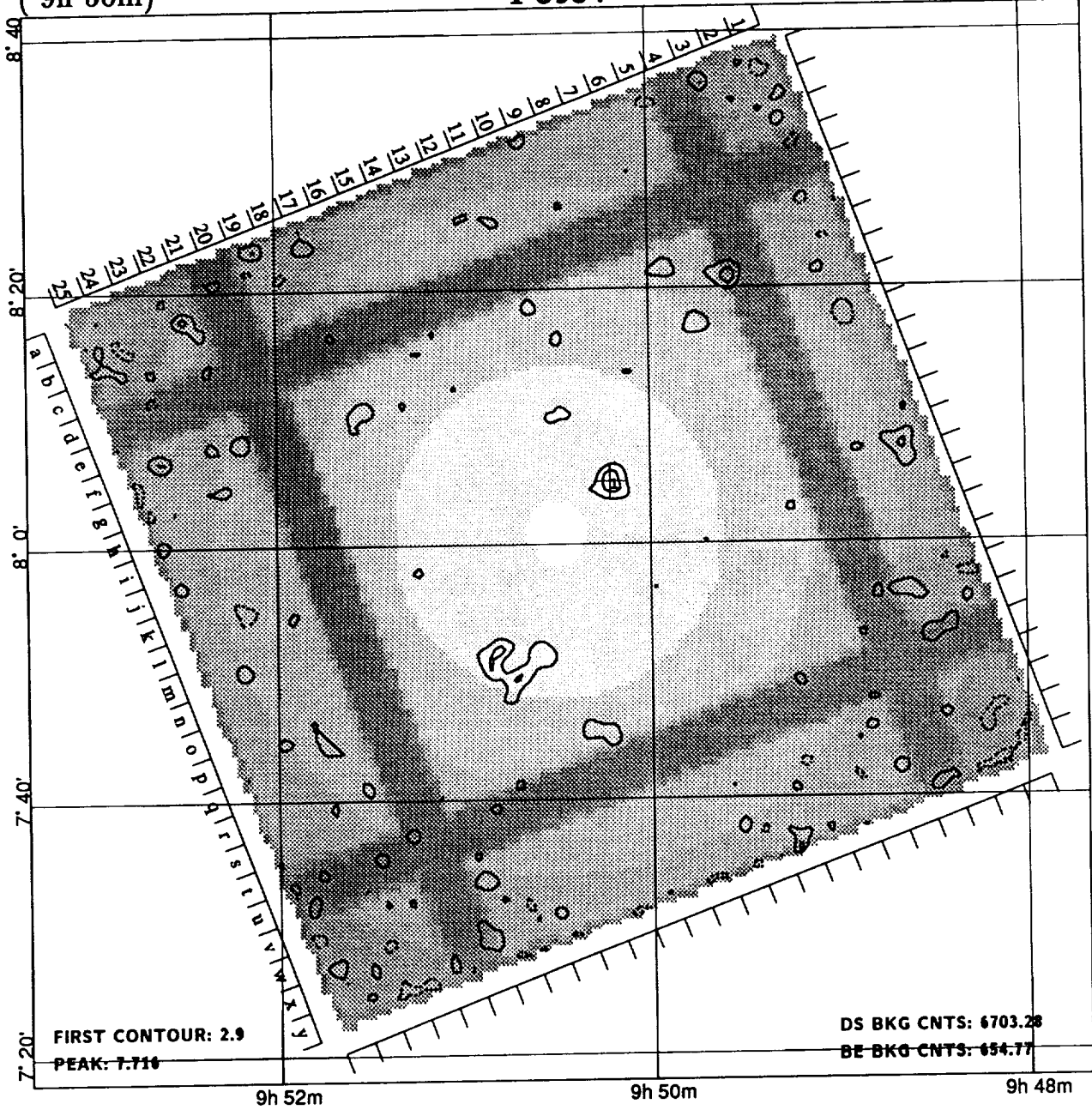
NH: $1.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $09^{\text{h}} 50^{\text{m}} 30.0^{\text{s}}$ $07^{\circ} 59' 59''$ (B1950)
 $09^{\text{h}} 53^{\text{m}} 08.6^{\text{s}}$ $07^{\circ} 45' 50''$ (J2000)
 $l: 229.10$ $b: 43.61$

DATE: 1980/149 - 1980/149
 LIVETIME: 5431.9s
 ROLL ANGLE: 69.4°

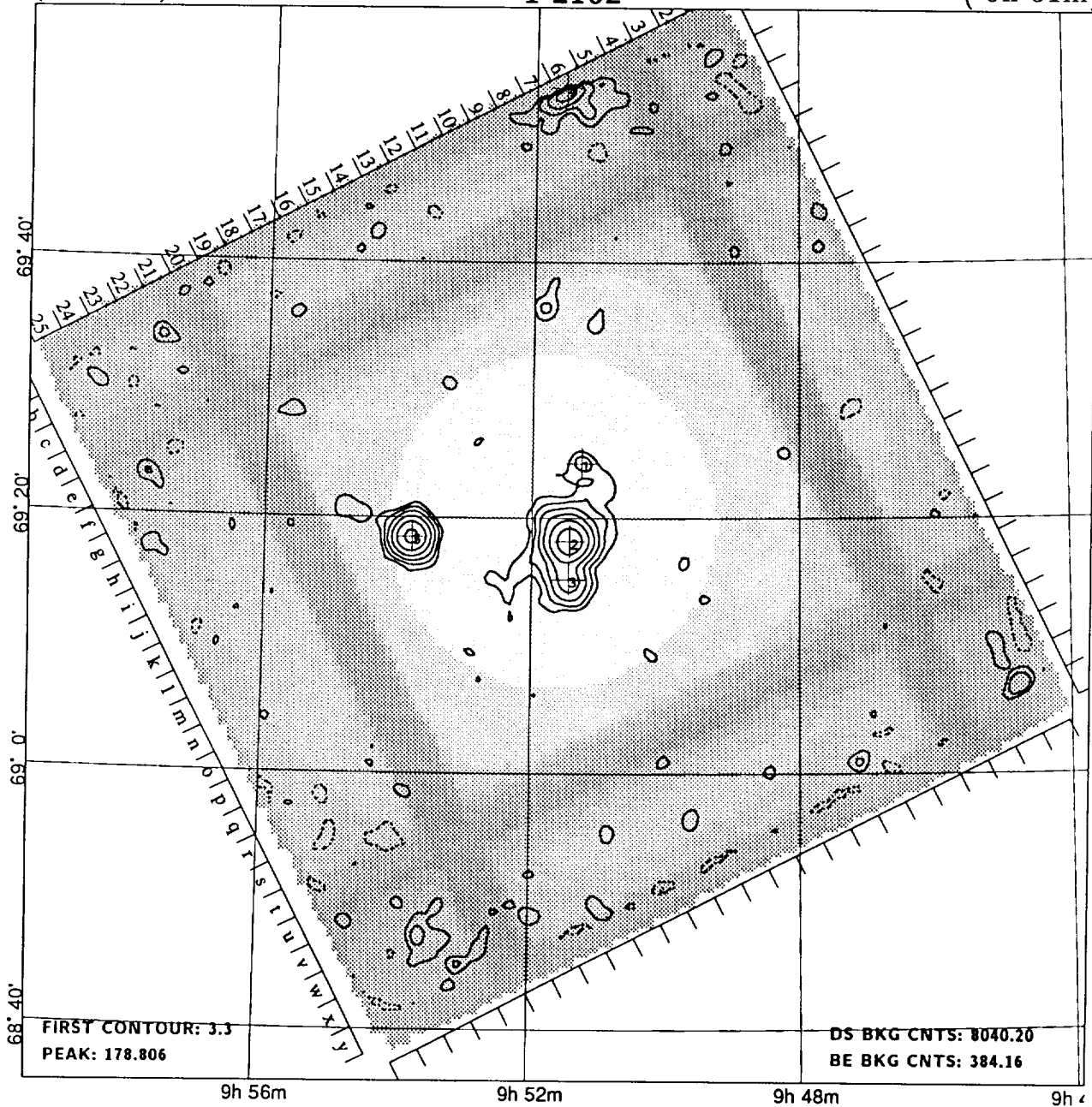
NH: $3.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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	

(9h 51m)

I 2102

(9h 51m)



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°

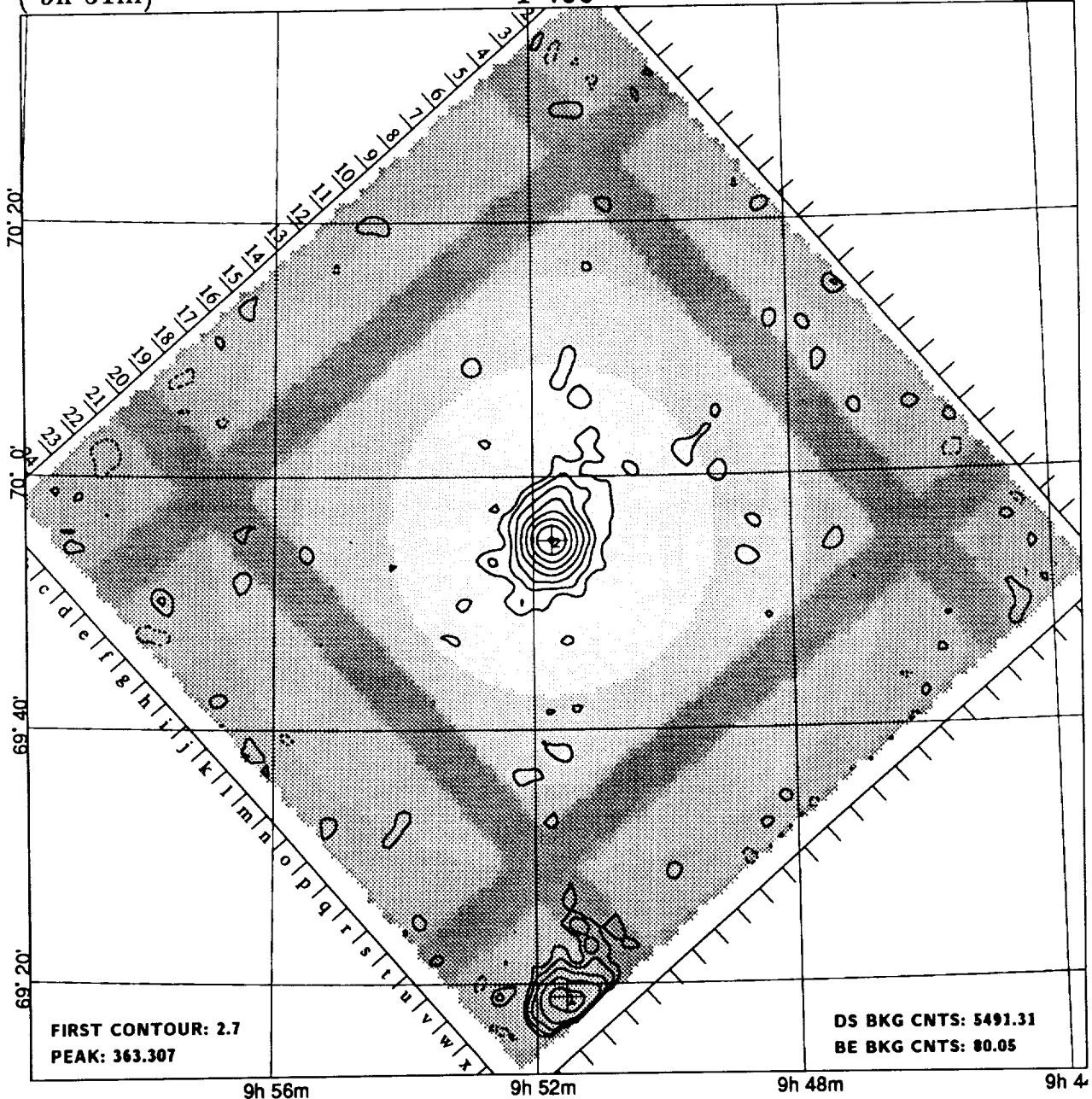
NH: 4.1E+20
 REF/ID:
 FIELD FLAGS:

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	

(9h 51m)

I 466

(9h 51m)



FIRST CONTOUR: 2.7
PEAK: 363.307

DS BKG CNTS: 5491.31
BE BKG CNTS: 80.05

NGC 3034 ABNORMAL GALAXIES SURVEY

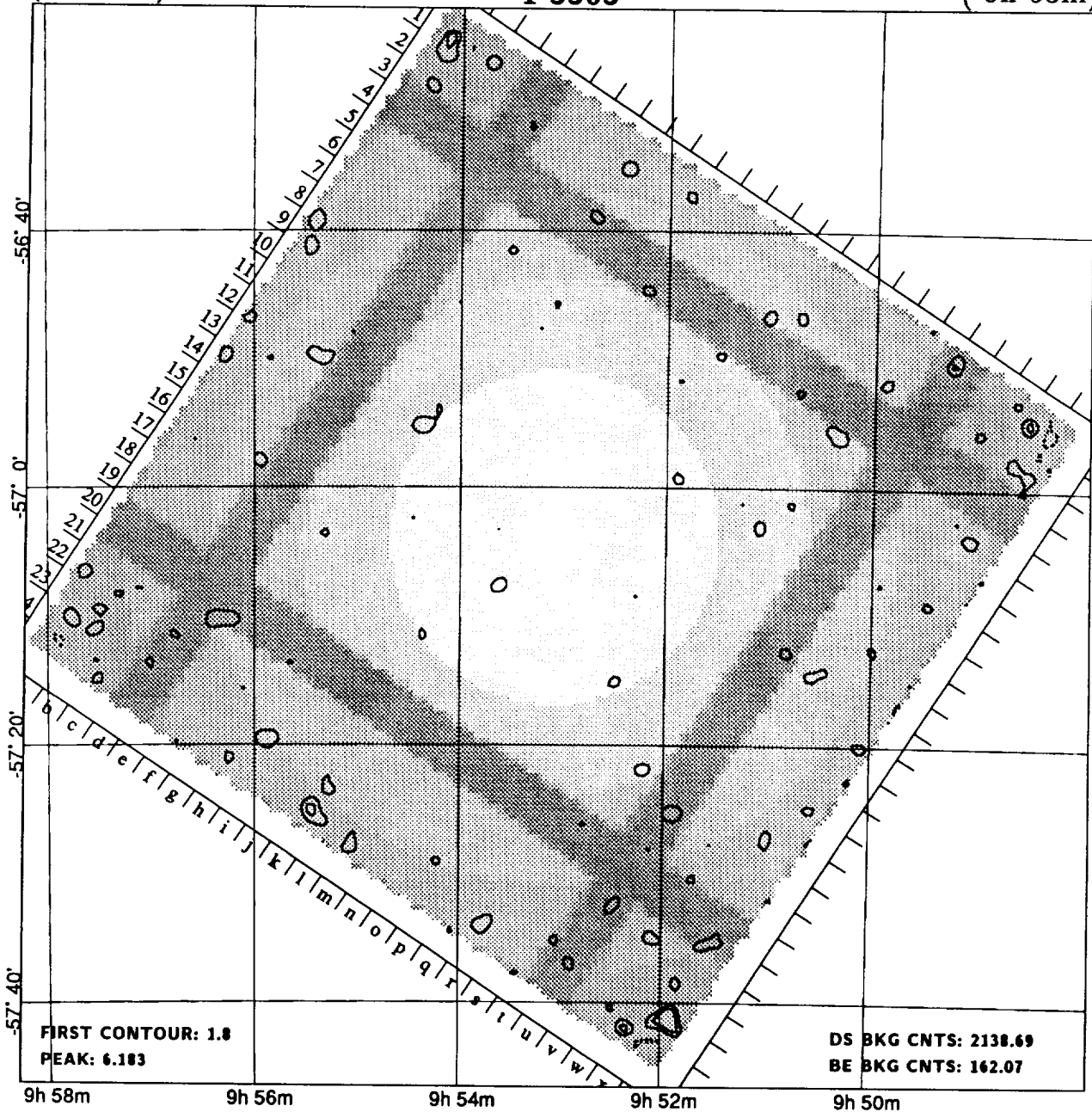
FIELD CENTER: 09^h51^m40.5^s 69°54'52" (B1950) DATE: 1979/ 98 - 1979/ 99 NH: 4.3E+20
 09^h55^m49.2^s 69°40'38" (J2000) LIVETIME: 4449.8s REF/ID: G
 l : 141.42 b : 40.56 ROLL ANGLE: 48.9° FIELD FLAGS:

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	*

(9h 53m)

I 3305

(9h 53m)



FIELD CENTER: $09^h 53^m 03.7^s$ $-57^\circ 04' 38''$ (B1950)
 $09^h 54^m 43.2^s$ $-57^\circ 18' 53''$ (J2000)
 $l: 280.81$ $b: -2.24$

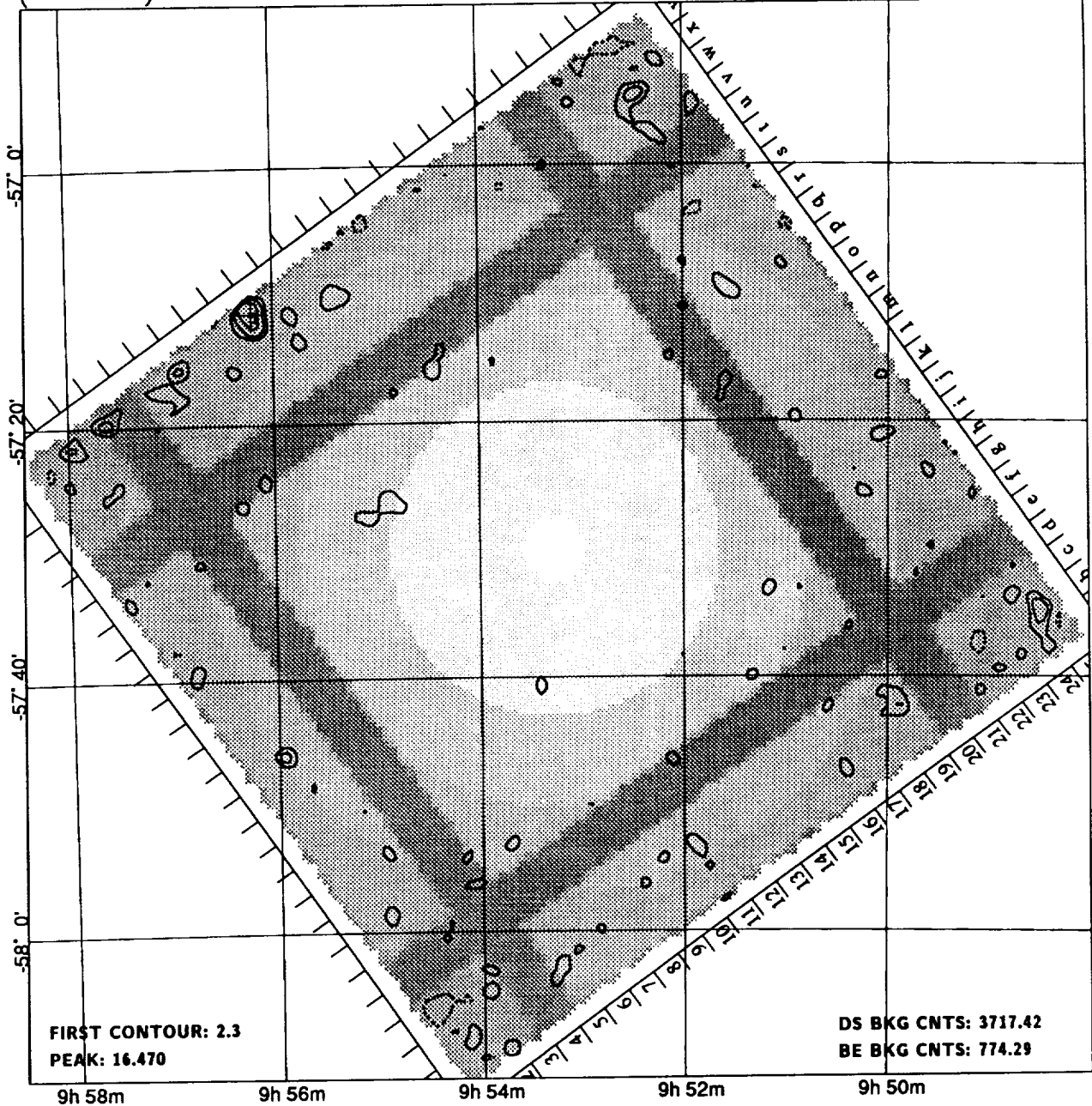
DATE: 1979/194 - 1979/194
 LIVETIME: 1733.1s
 ROLL ANGLE: 33.3°

NH: $1.5E+21$
 REF/ID:
 FIELD FLAGS:

(9h 53m)

I 5077

(9h 53m)



HD 86161, LUMINOUS EARLY-TYPE STAR

FIELD CENTER: $09^h 53^m 14.4^s$ $-57^\circ 29' 23''$ (B1950)
 $09^h 54^m 53.1^s$ $-57^\circ 43' 38''$ (J2000)
 $l: 281.08$ $b: -2.55$

DATE: 1979/353 - 1979/353
 LIVETIME: 3012.3s
 ROLL ANGLE: -125.5°

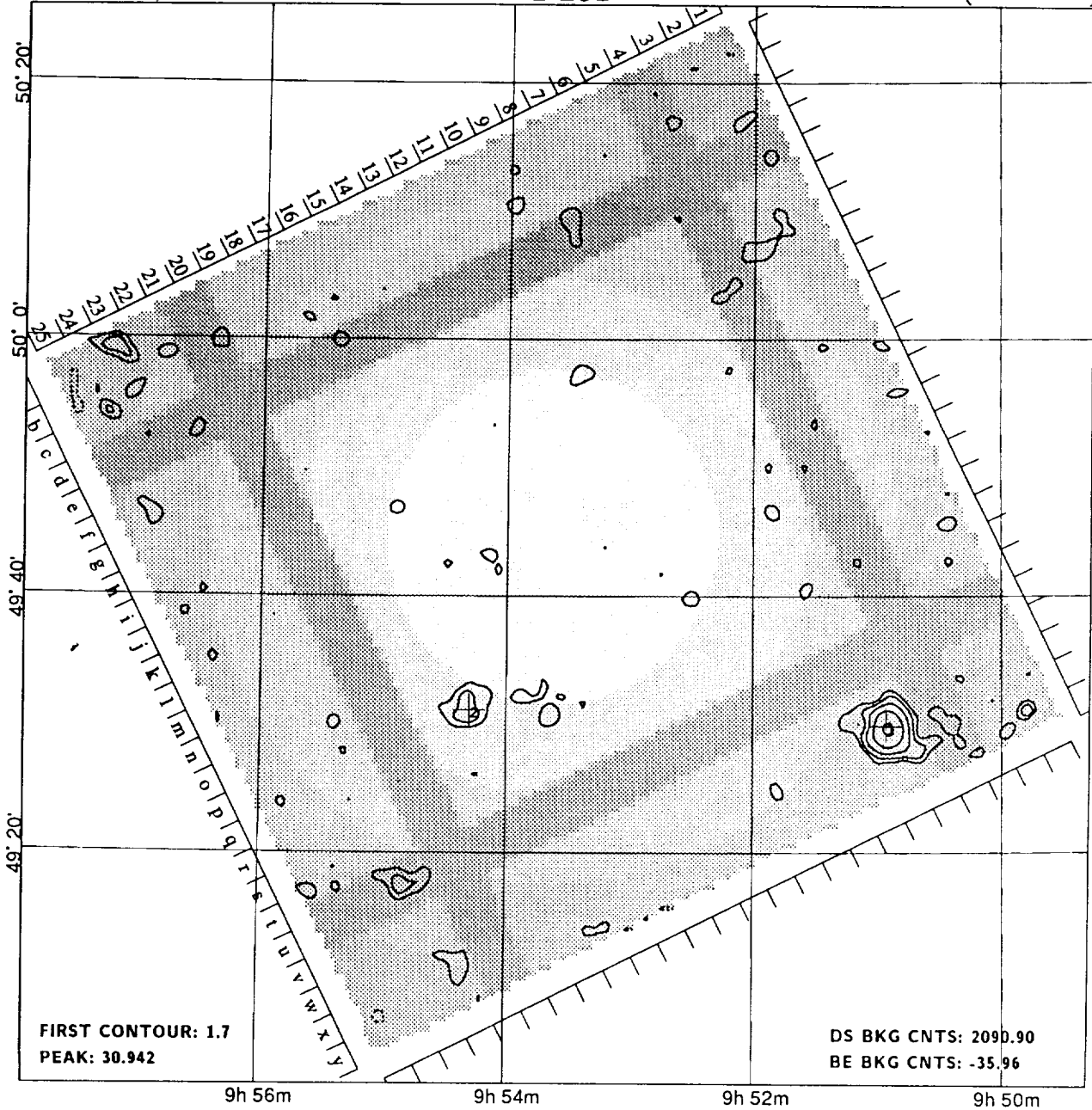
NH: $1.5E+21$
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(9h 53m)

I 251

(9h 53m)



A 895 CLUSTER EVOLUTION

FIELD CENTER: $09^h 53^m 36.0^s$ $49^\circ 43' 59''$ (B1950)
 $09^h 56^m 50.4^s$ $49^\circ 29' 42''$ (J2000)
 $l: 167.05$ $b: 49.91$

DATE: 1979/119 - 1979/119
 LIVETIME: 1694.3s
 ROLL ANGLE: 63.7°

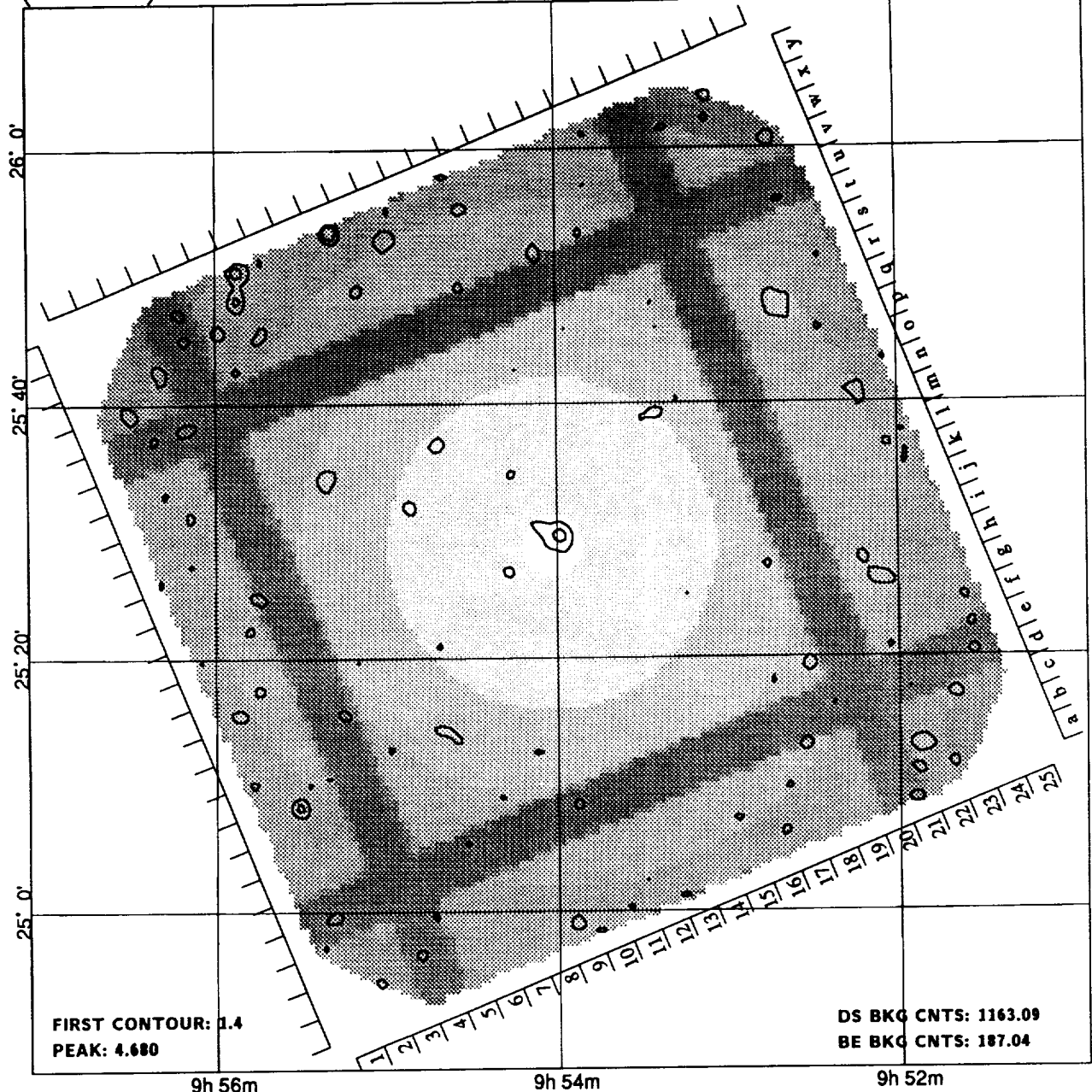
NH: $9.2E+19$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(9h 53m)

I 3265

(9h 53m)



FIRST CONTOUR: 1.4
 PEAK: 4.680

DS BKG CNTS: 1163.09
 BE BKG CNTS: 187.04

0953+25: EXTRAGALACTIC STRONG MILLIMETER SOURCES

FIELD CENTER: 09^h 53^m 59.7^s 25° 29' 33" (B1950)
 09^h 56^m 49.8^s 25° 15' 16" (J2000)
 l : 205.51 b : 50.98

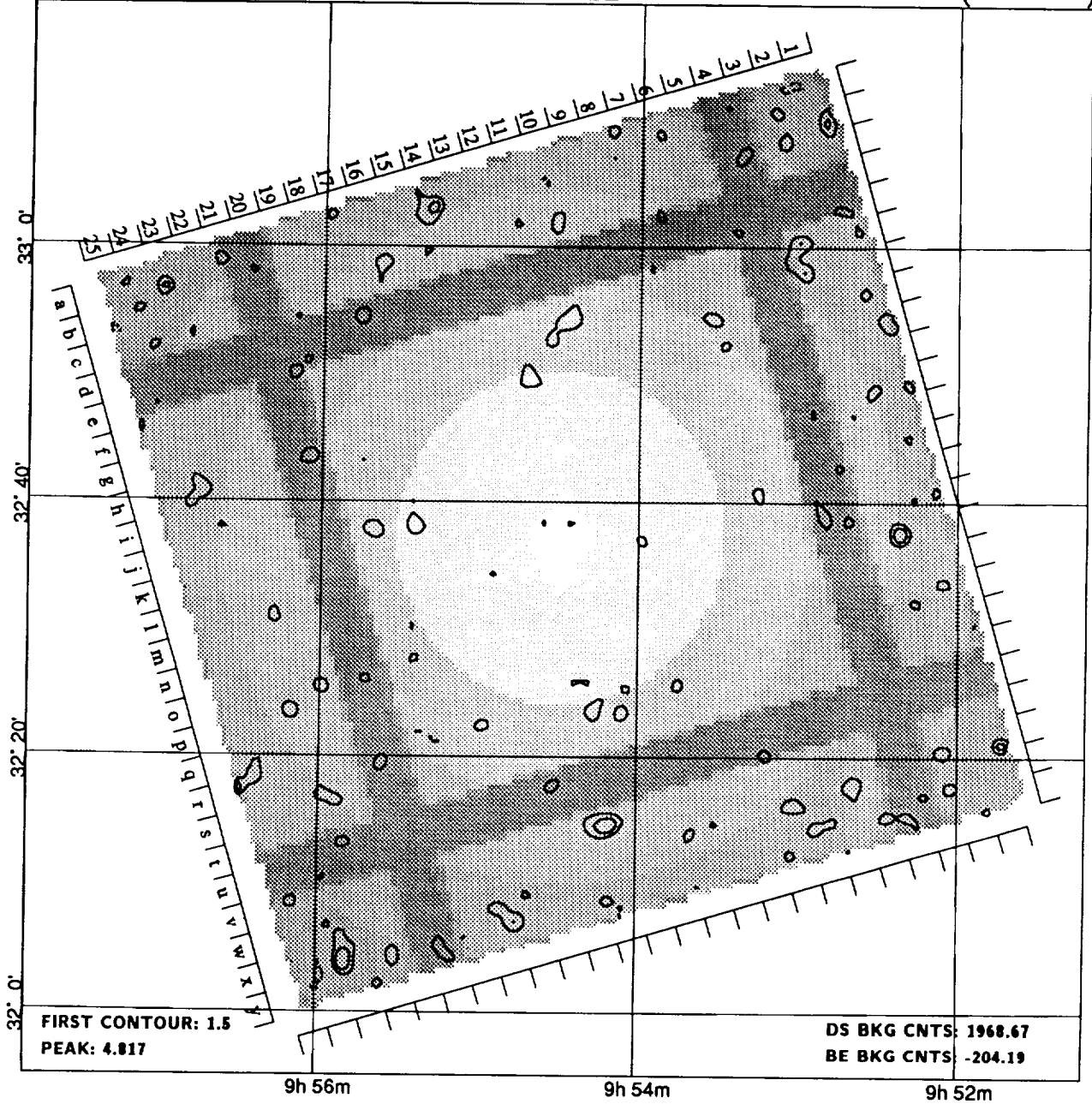
DATE: 1979/310 - 1979/310
 LIVETIME: 942.5s
 ROLL ANGLE: -112.1°

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

(9h 54m)

I 2712

(9h 54m)



9h 56m

9h 54m

9h 52m

QUASAR SURVEY: 3C232

FIELD CENTER: $09^h 54^m 31.0^s$ $32^\circ 36' 59''$ (B1950)
 $09^h 57^m 26.6^s$ $32^\circ 22' 40''$ (J2000)
 $l: 194.19$ $b: 52.13$

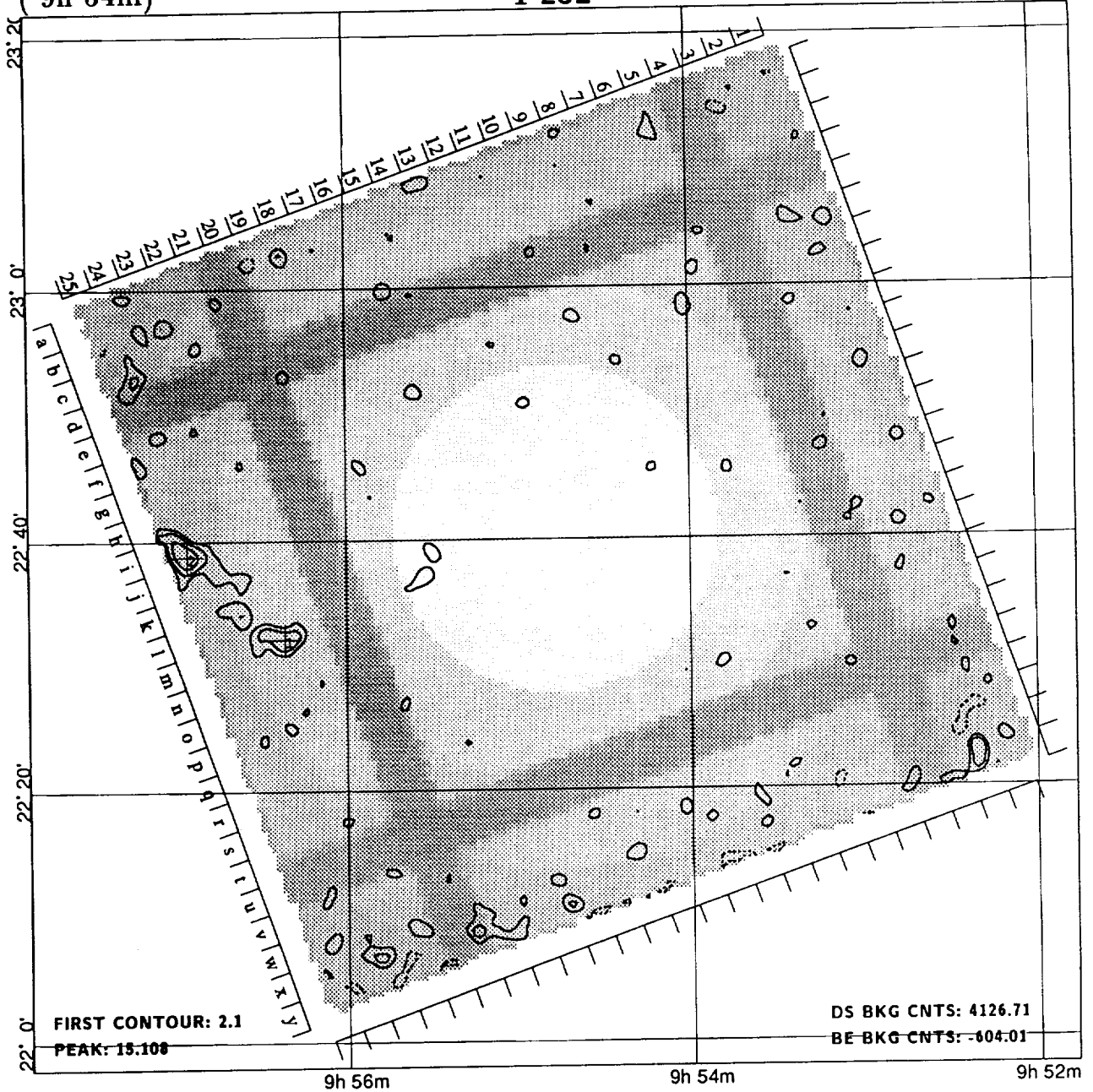
DATE: 1979/145 - 1979/145
 LIVETIME: 1595.3s
 ROLL ANGLE: 73.6°

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

(9h 54m)

I 252

(9h 54m)



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°

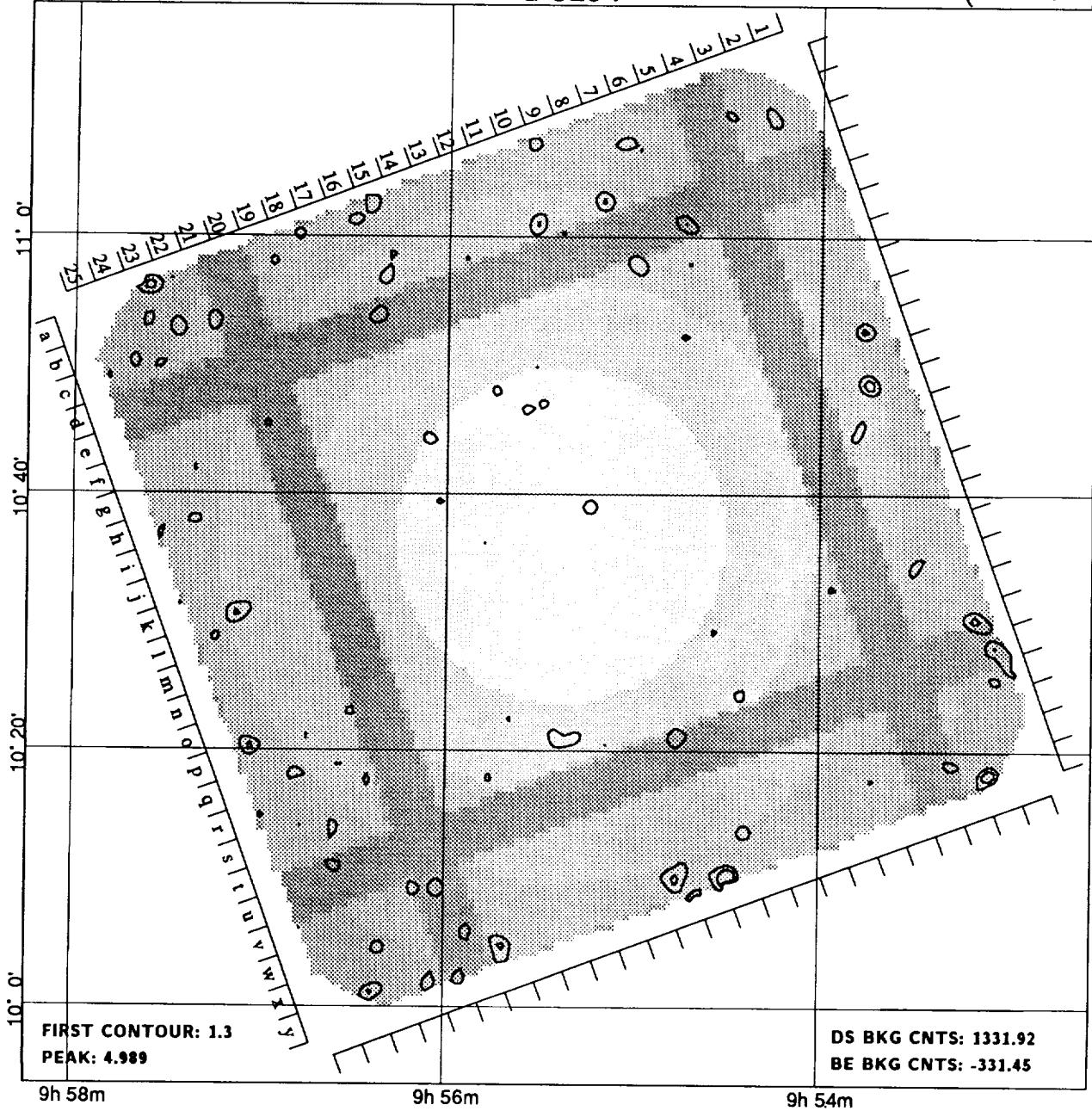
NH: 2.8E+20
 REF/ID:
 FIELD FLAGS:

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

(9h 55m)

I 3294

(9h 55m)



CD GALAXIES IN POOR CLUSTERS: K182

FIELD CENTER: $09^{\text{h}}55^{\text{m}}24.0^{\text{s}}$ $10^{\circ}35'59''$ (B1950)
 $09^{\text{h}}58^{\text{m}}04.0^{\text{s}}$ $10^{\circ}21'39''$ (J2000)
 $l: 226.76$ $b: 45.95$

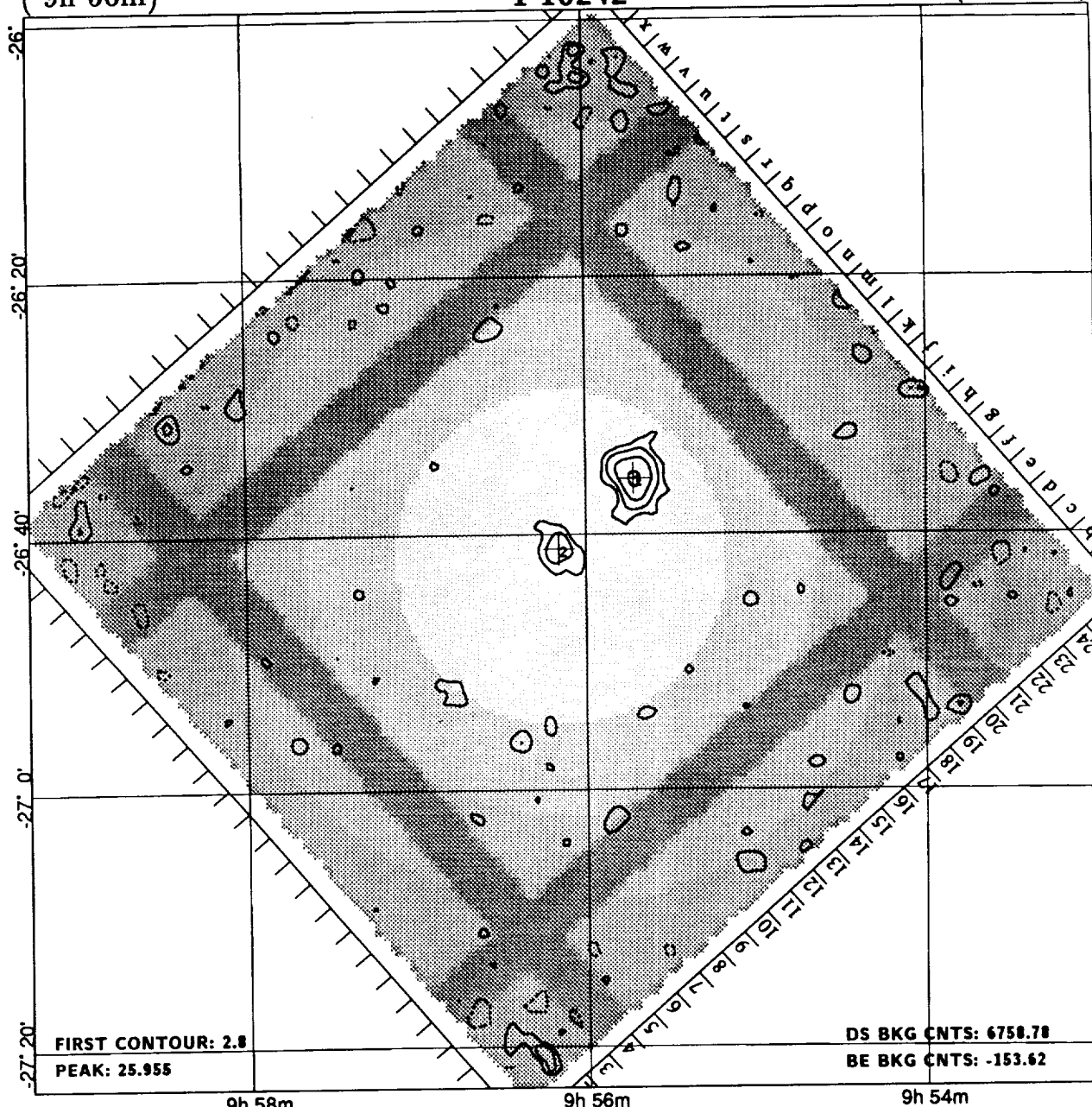
DATE: 1979/142 - 1979/142
 LIVETIME: 1079.3s
 ROLL ANGLE: 69.9°

NH: $3.2\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(9h 56m)

I 10242

(9h 56m)



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°

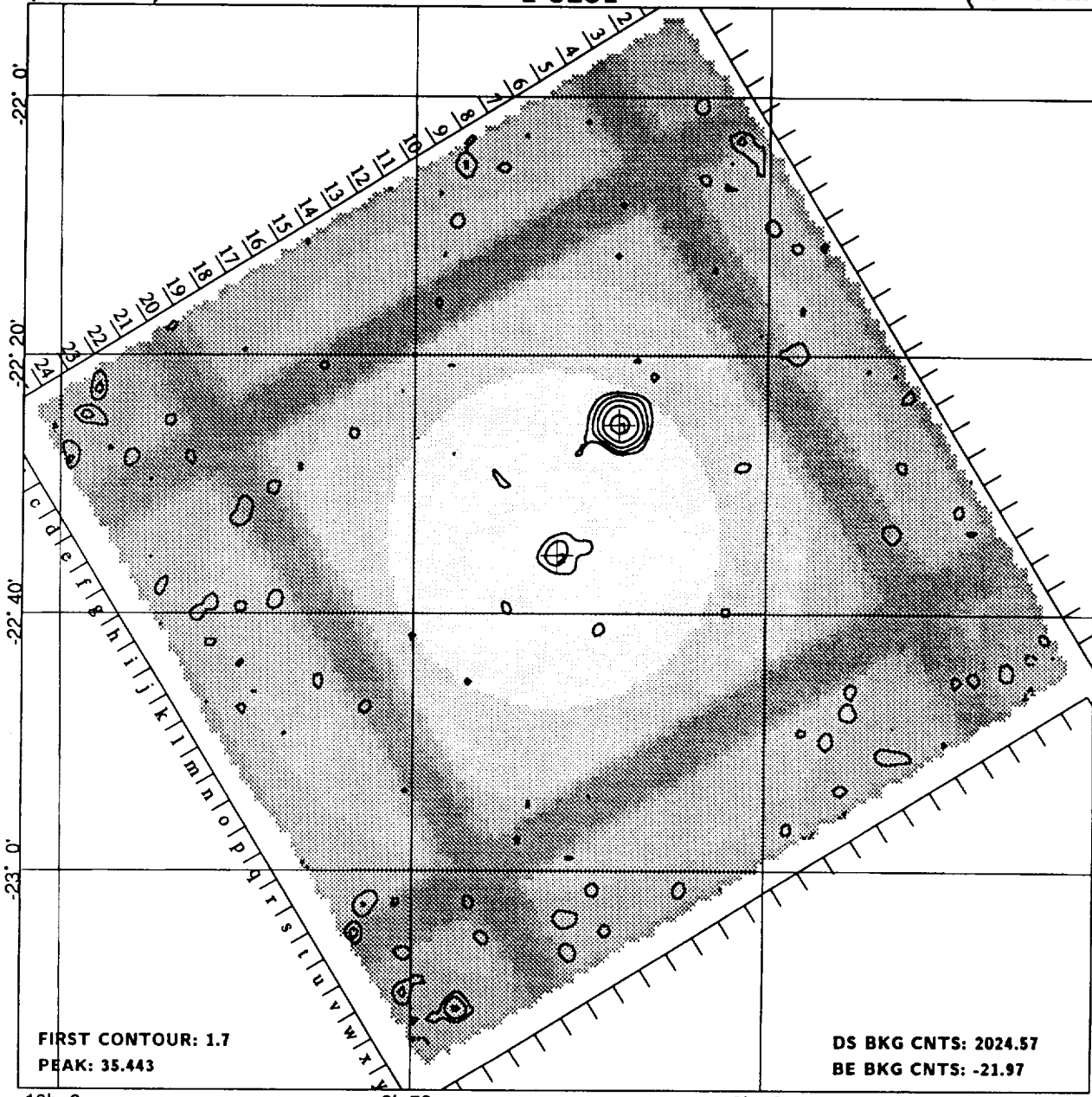
NH: 5.2E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(9h 57m)

I 5251

(9h 57m)



FIRST CONTOUR: 1.7
PEAK: 35.443

DS BKG CNTS: 2024.57
BE BKG CNTS: -21.97

10h 0m

9h 58m

9h 56m

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°

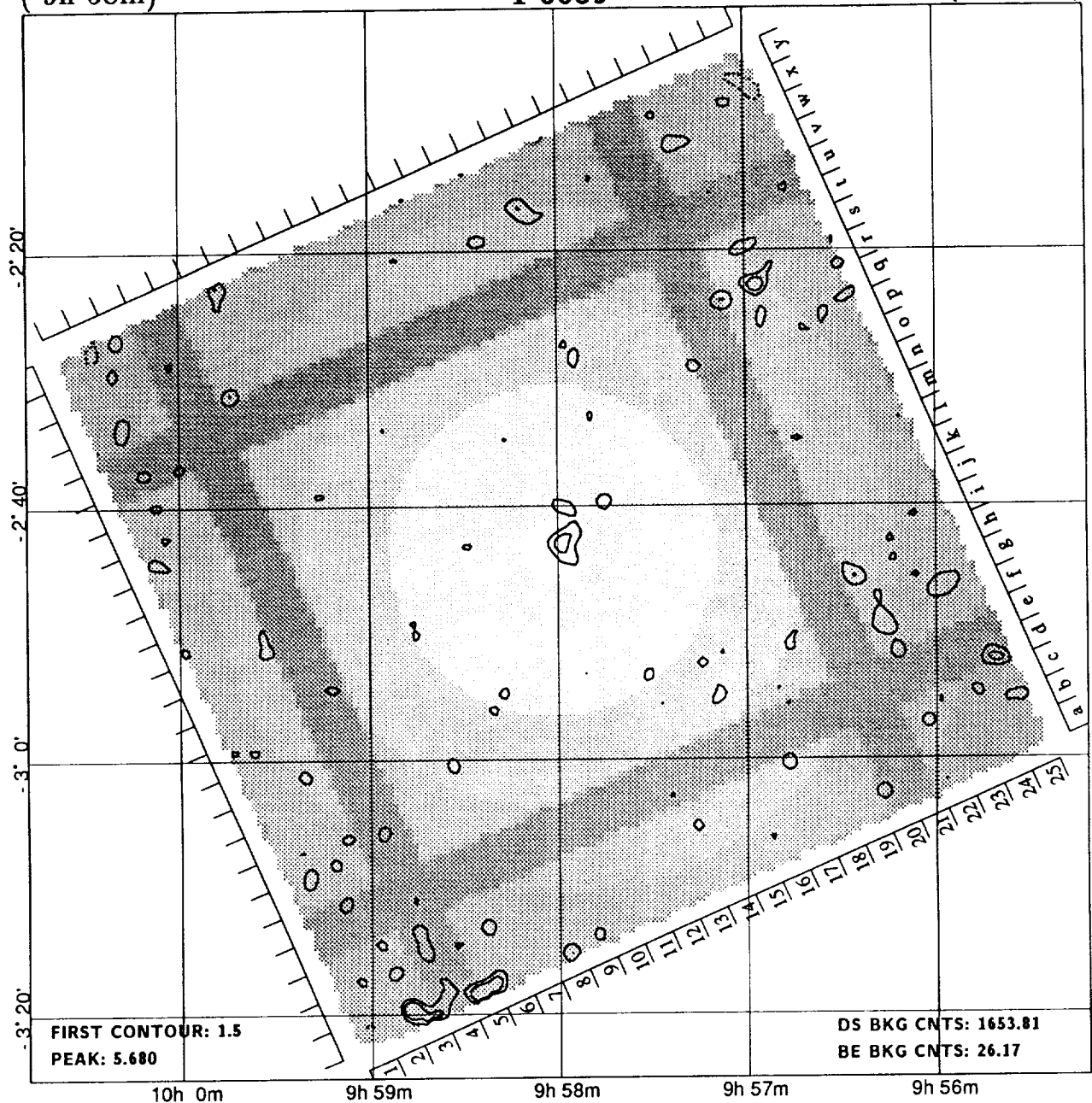
NH: 4.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(9h 58m)

I 6689

(9h 58m)



MKW 1: CD GALAXIES IN POOR CLUSTERS

FIELD CENTER: $09^{\text{h}}58^{\text{m}}00.0^{\text{s}}$ $-02^{\circ}42'59''$ (B1950)
 $10^{\text{h}}00^{\text{m}}32.1^{\text{s}}$ $-02^{\circ}57'26''$ (J2000)
 $l: 242.24$ $b: 39.01$

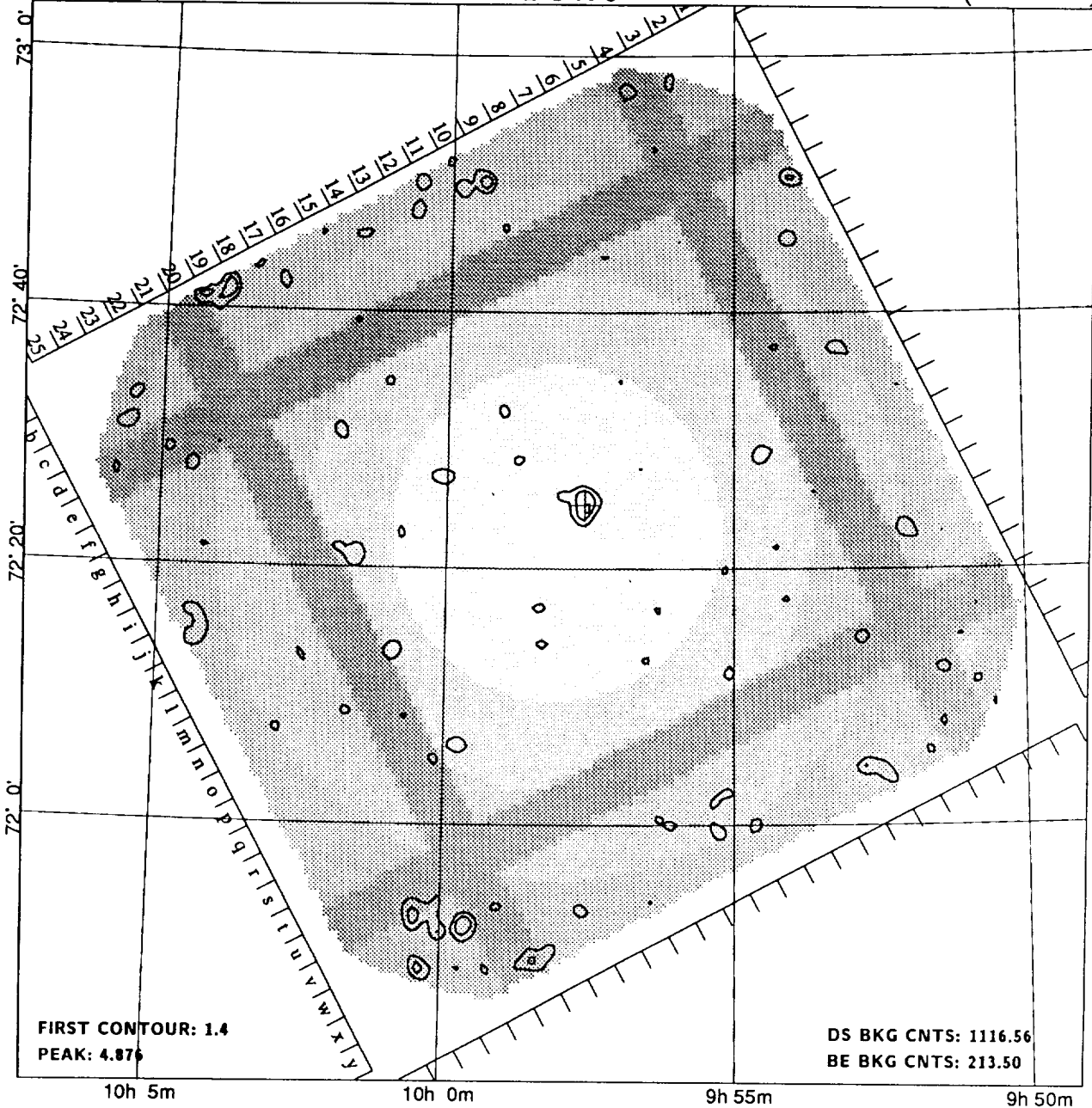
DATE: 1979/340 - 1979/341
LIVETIME: 1340.1s
ROLL ANGLE: -113.7°

NH: $3.7\text{E}+20$
REF/ID:
FIELD FLAGS:

(9h 58m)

I 3470

(9h 58m)



MKN 133,SEYFERT AND ACTIVE NUCLEI GALAXIES

FIELD CENTER: $09^h 58^m 06.0^s$ $72^\circ 21' 59''$ (B1950)
 $10^h 02^m 23.8^s$ $72^\circ 07' 31''$ (J2000)
 $l: 138.45$ $b: 39.51$

DATE: 1979/117 - 1979/117
 LIVETIME: 904.8s
 ROLL ANGLE: 62.0°

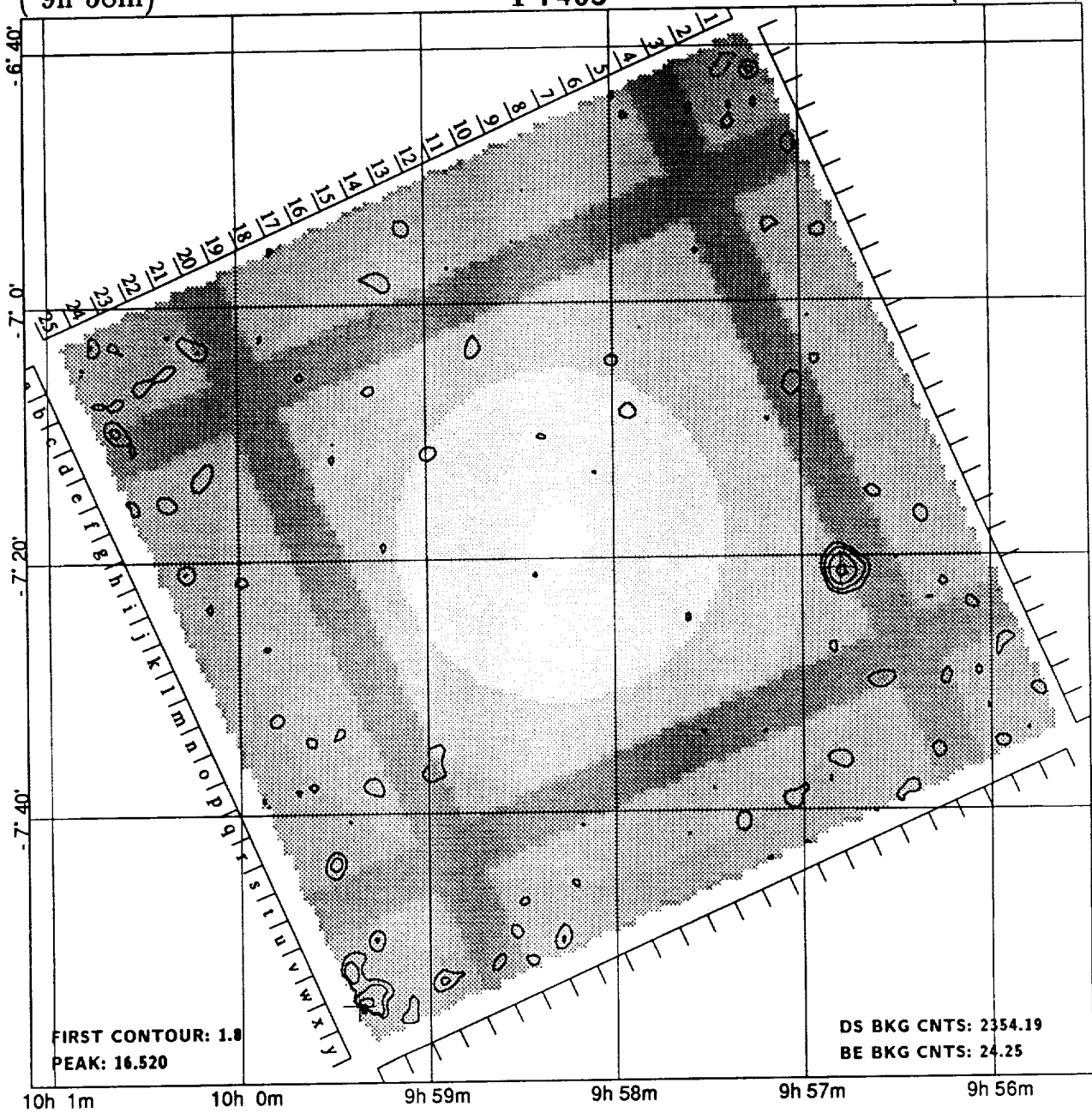
NH: $3.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(9h 58m)

I 7405

(9h 58m)



GD 108, SUBDWARF STAR

FIELD CENTER: $09^h 58^m 18.0^s$ $-07^\circ 19' 05''$ (B1950)
 $10^h 00^m 47.3^s$ $-07^\circ 33' 32''$ (J2000)
 $l: 246.72$ $b: 36.07$

DATE: 1980/155 - 1980/155
 LIVETIME: 1907.7s
 ROLL ANGLE: 66.0°

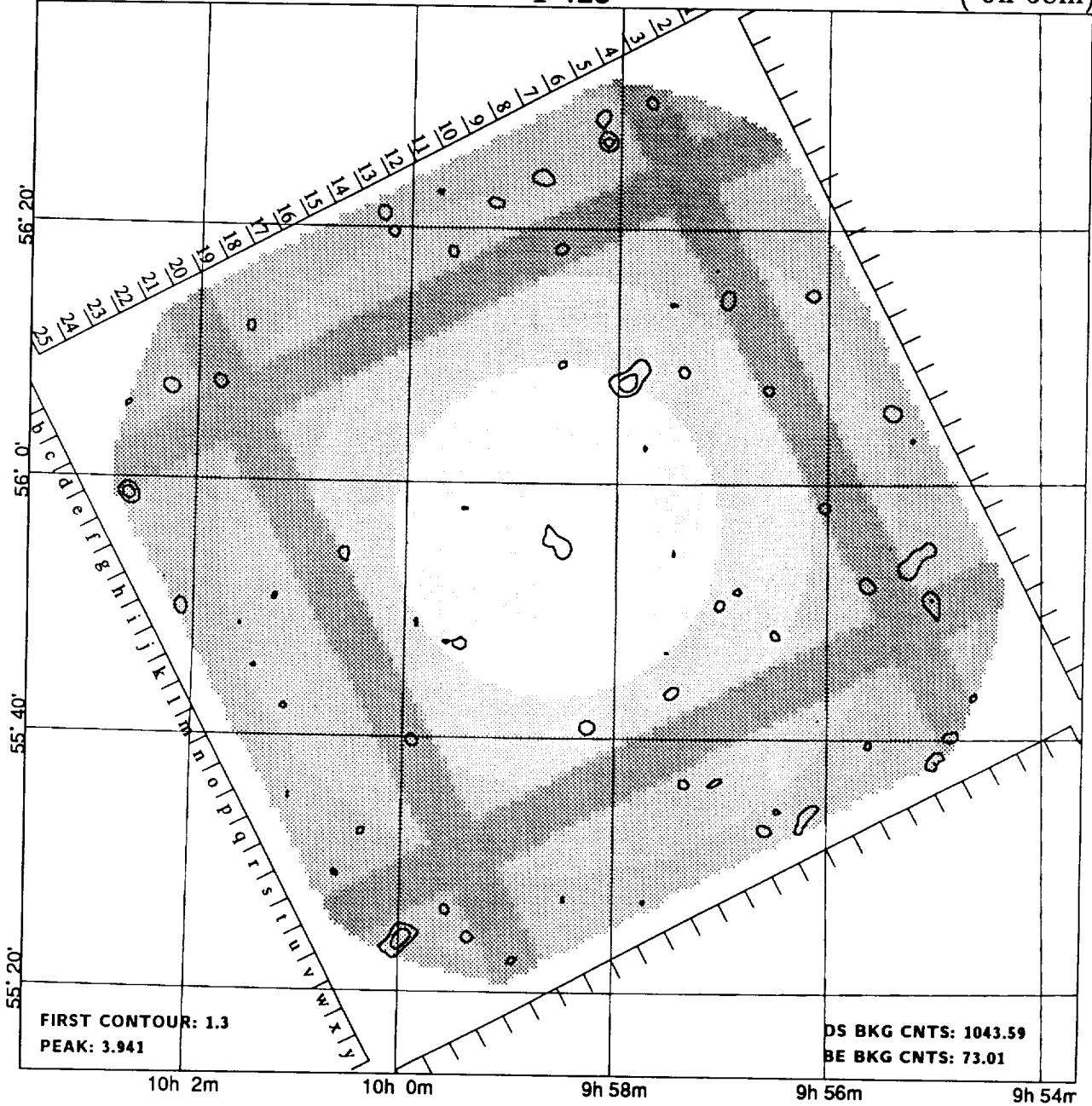
NH: $4.6E+20$
 REF/ID:
 FIELD FLAGS:

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	

(9h 58m)

I 423

(9h 58m)



NGC 3079 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $09^h 58^m 34.8^s$ $55^\circ 55' 23''$ (B1950)
 $10^h 01^m 57.6^s$ $55^\circ 40' 55''$ (J2000)
 $l: 157.81$ $b: 48.36$

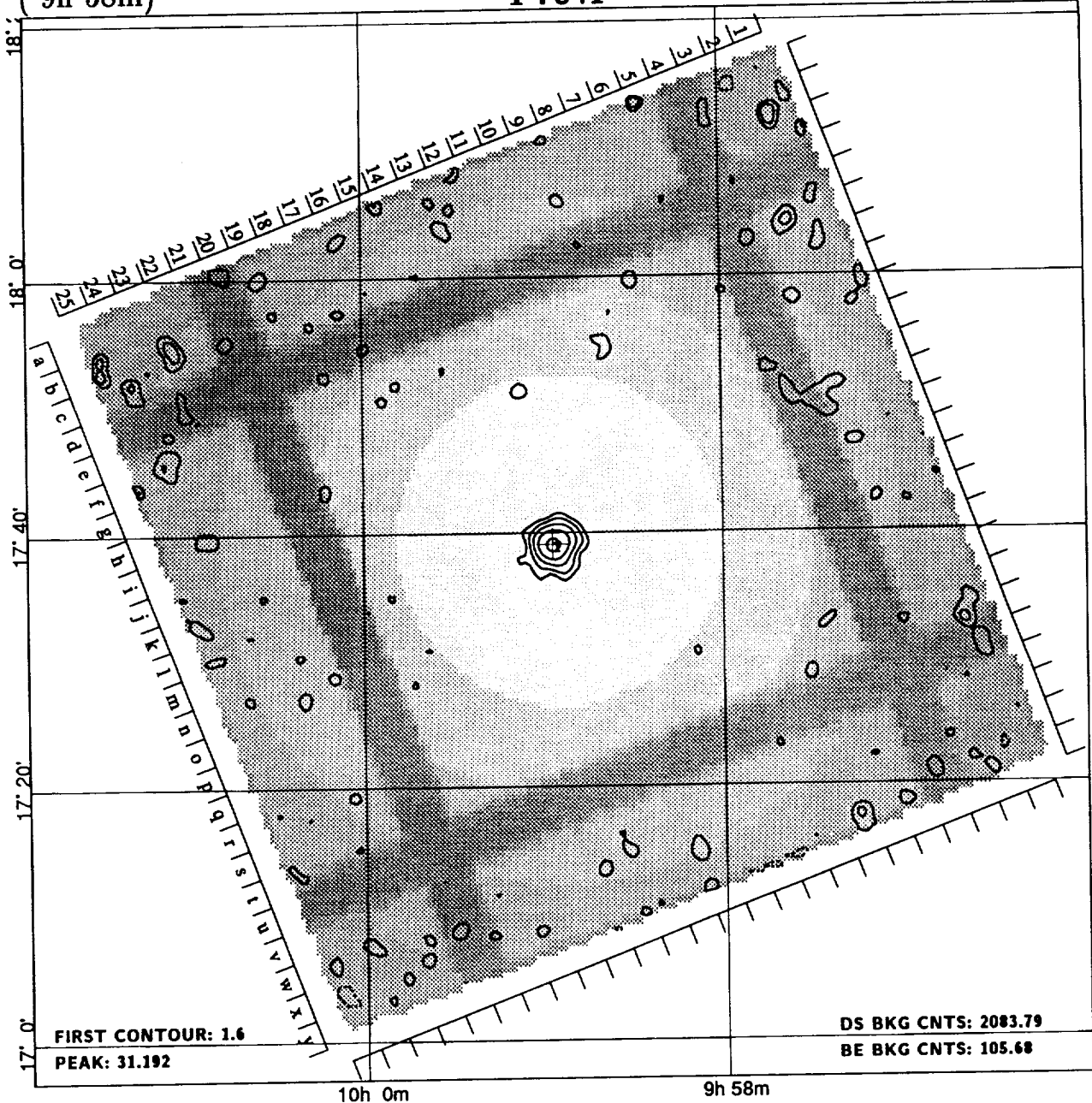
DATE: 1979/119 - 1979/119
 LIVETIME: 845.7s
 ROLL ANGLE: 62.4°

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°

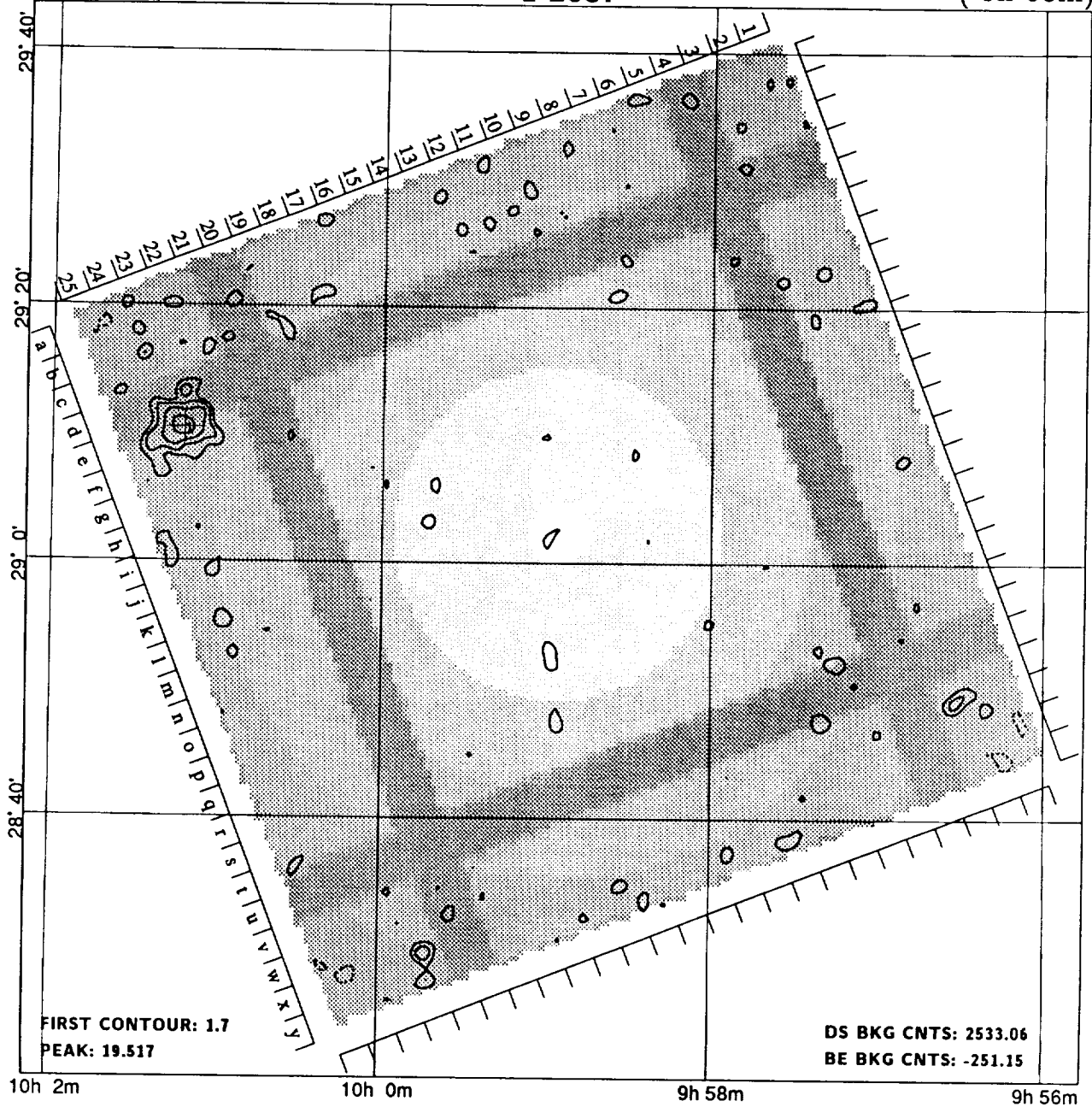
NH: 3.3E+20
 REF/ID:
 FIELD FLAGS:

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

(9h 58m)

I 2687

(9h 58m)



3C 234.0: BRIGHT X-GALACTIC RADIO SOURCE

FIELD CENTER: $09^h 58^m 57.0^s$ $29^\circ 01' 36''$ (B1950)
 $10^h 01^m 49.1^s$ $28^\circ 47' 08''$ (J2000)
 $l: 200.21$ $b: 52.71$

DATE: 1979/144 - 1979/144
 LIVETIME: 2052.6s
 ROLL ANGLE: 68.8°

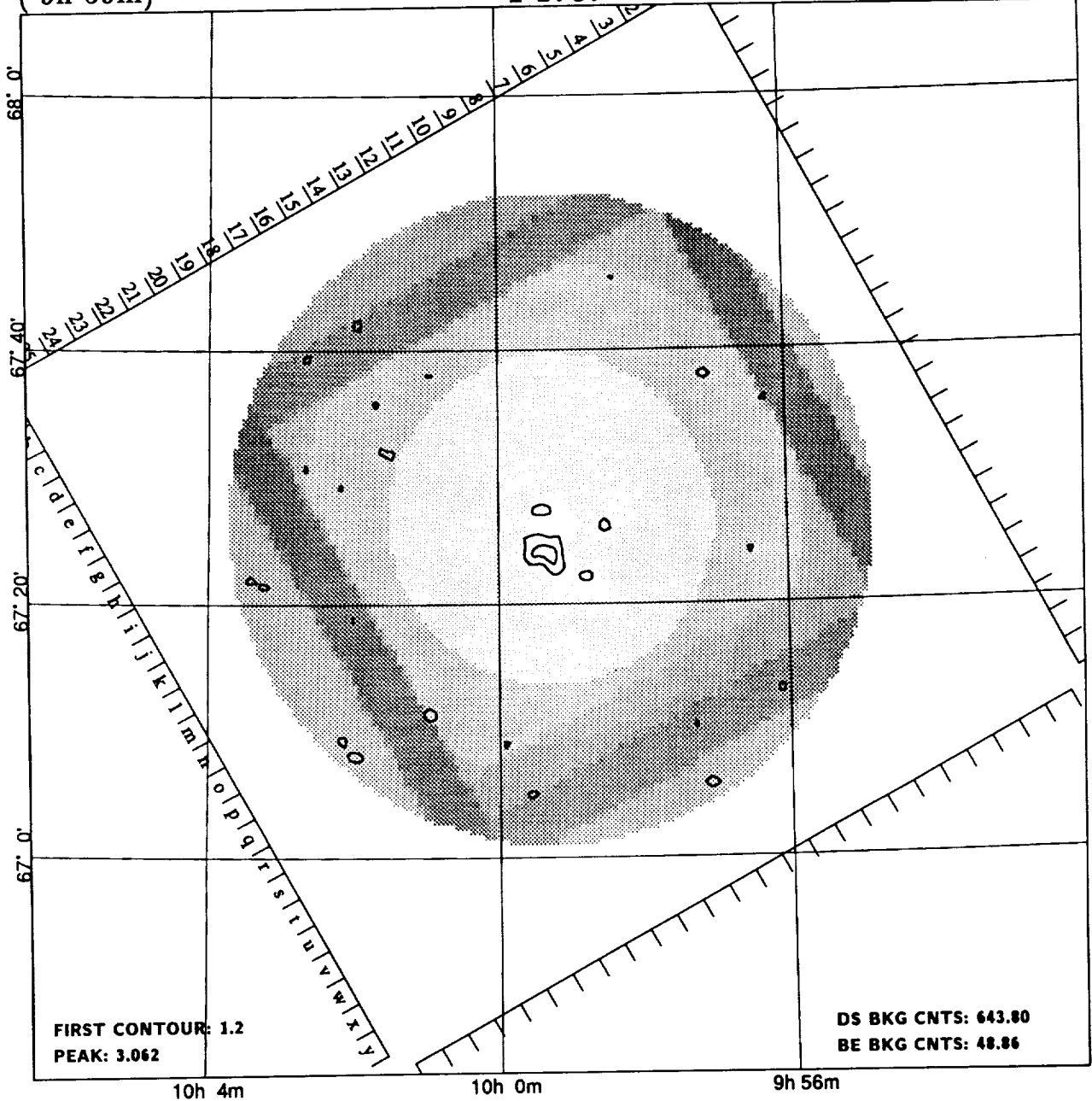
NH: $2.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(9h 59m)

I 1787

(9h 59m)



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

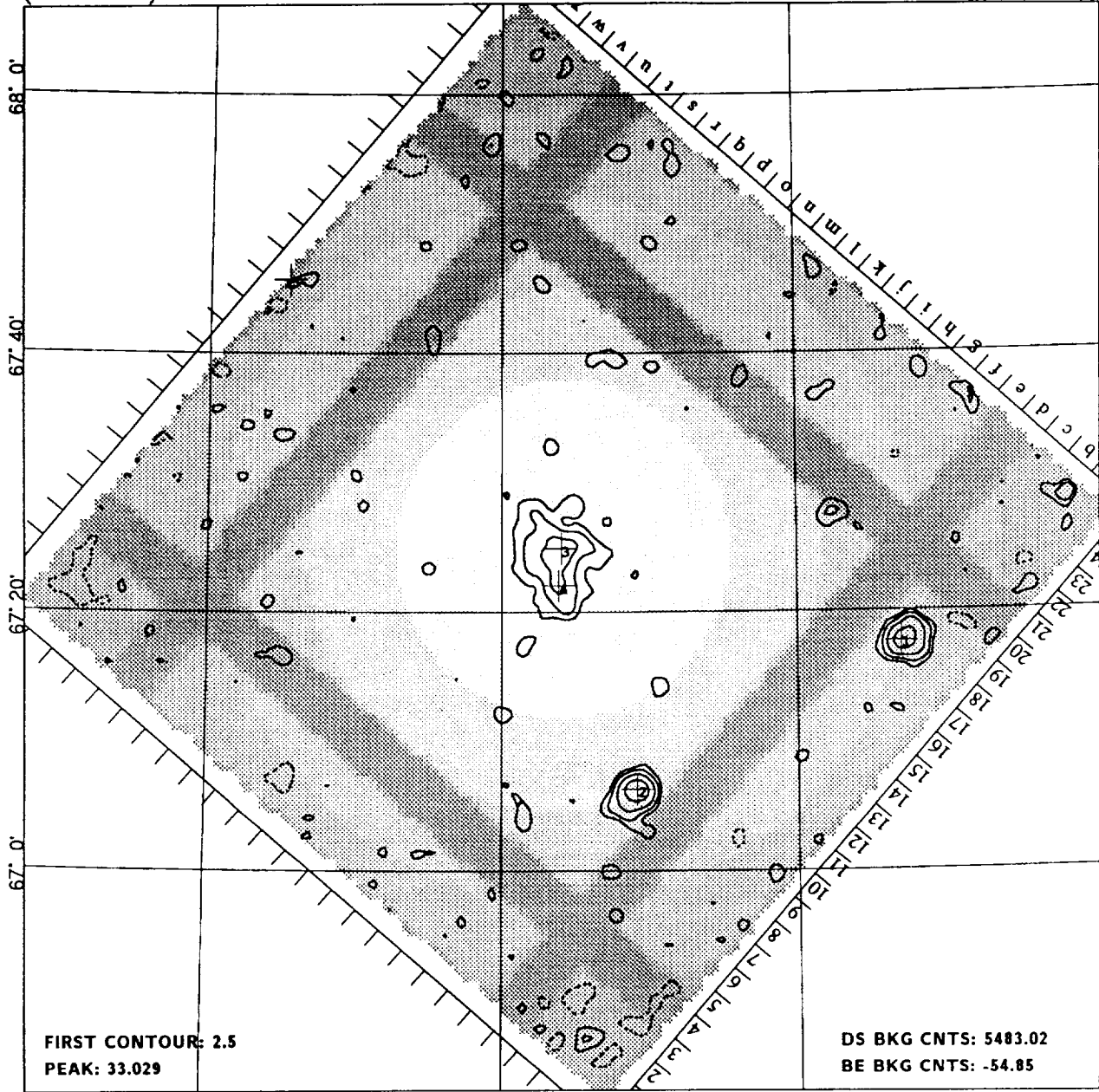
DATE: 1979/117 - 1979/117
LIVETIME: 521.7s
ROLL ANGLE: 61.2°

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

(9h 59m)

I 1788

(9h 59m)



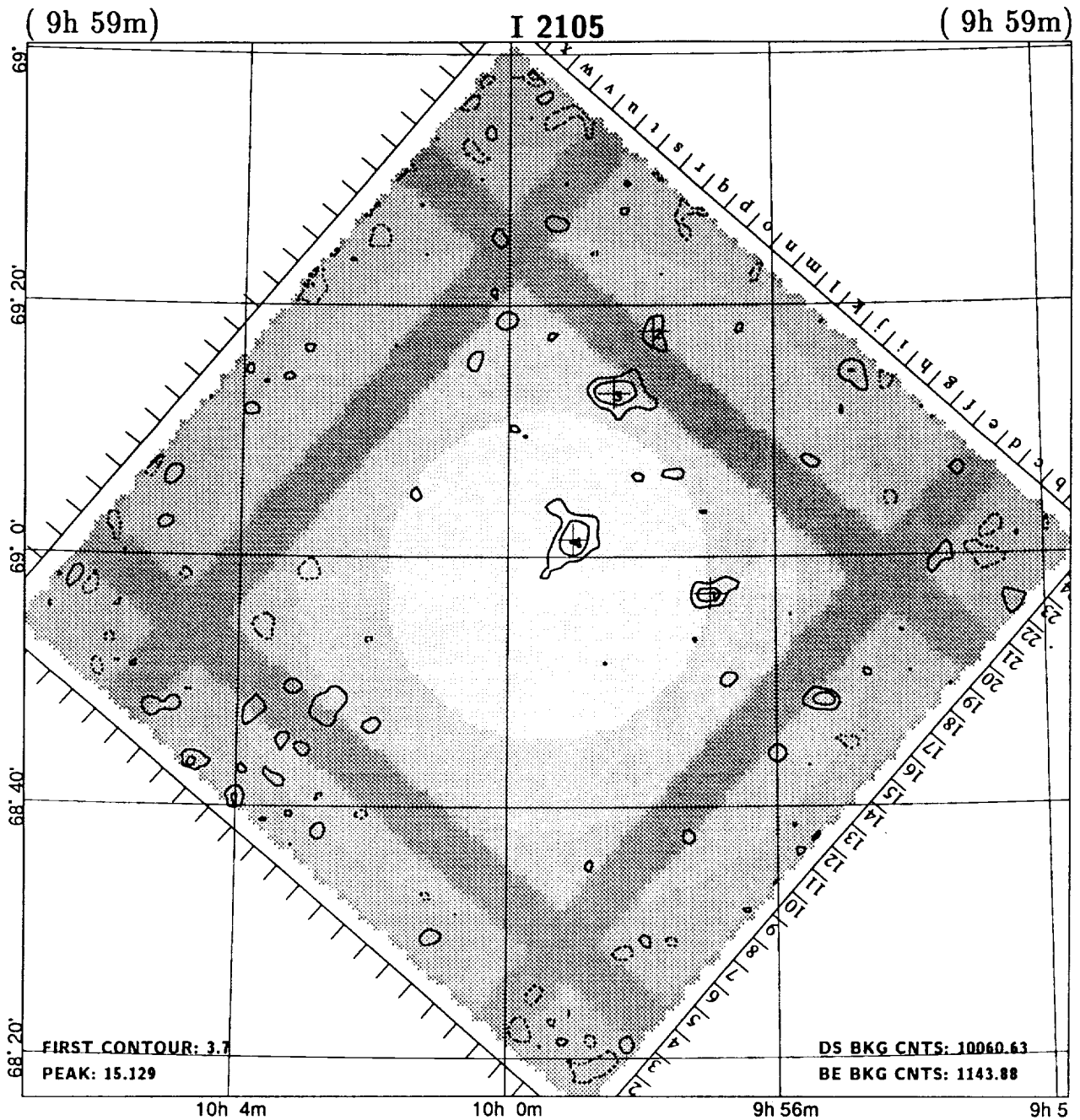
A910: STUDY, CLUSTERS OF GALAXIESF

FIELD CENTER: $09^h 59^m 12.0^s$ $67^\circ 25' 00''$ (B1950)
 $10^h 03^m 04.9^s$ $67^\circ 10' 30''$ (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: $09^{\text{h}}59^{\text{m}}24.0^{\text{s}}$ $68^{\circ}58'59''$ (B1950)
 $10^{\text{h}}03^{\text{m}}23.2^{\text{s}}$ $68^{\circ}44'28''$ (J2000)
 $l: 141.89$ $b: 41.66$

DATE: 1979/277 - 1979/277
LIVETIME: 8152.7s
ROLL ANGLE: -139.2°

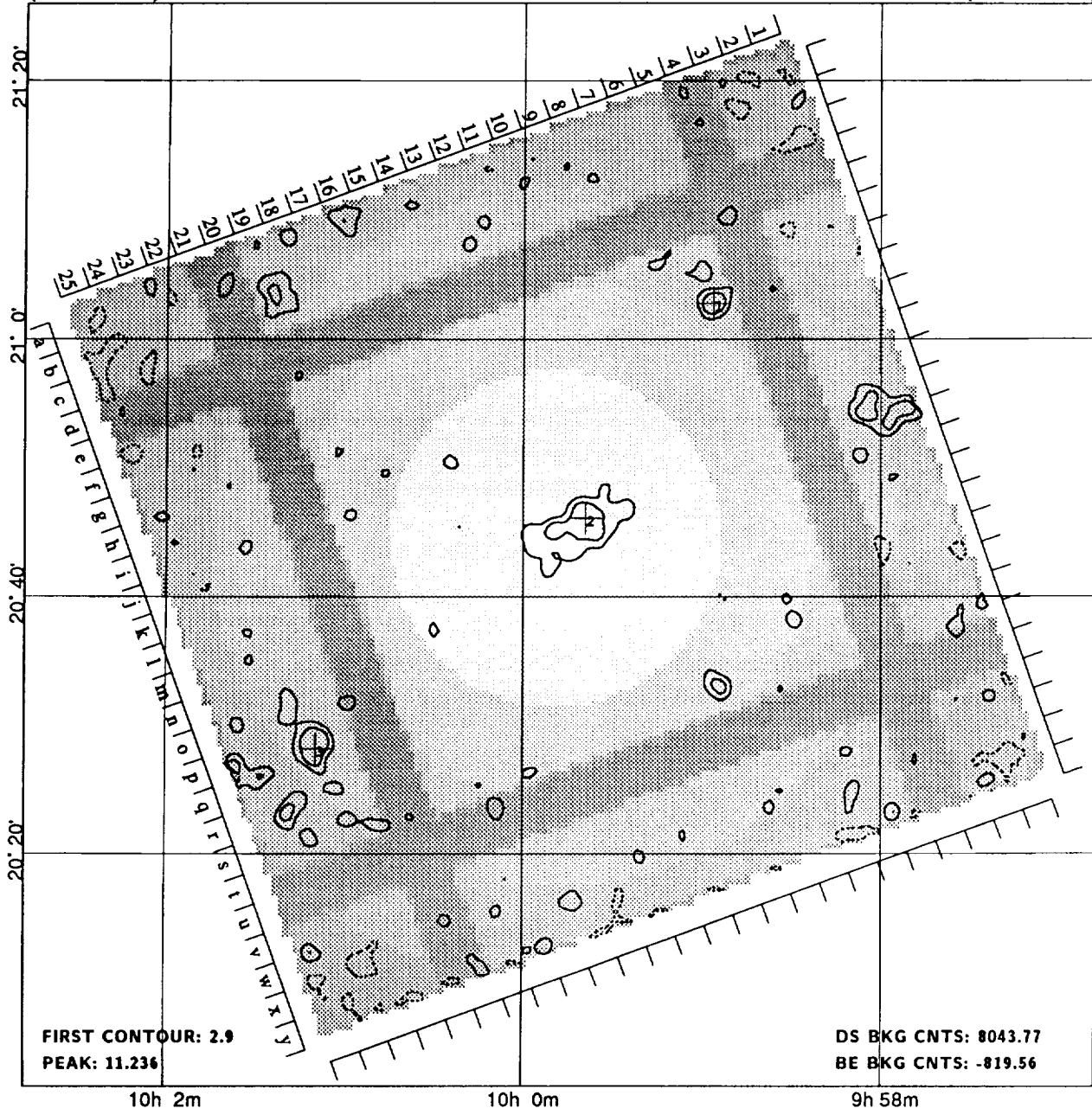
NH: $3.7\text{E}+20$
REF/ID:
FIELD FLAGS:

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	*

(9h 59m)

I 253

(9h 59m)



A 913 CLUSTER EVOLUTION

FIELD CENTER: $09^h 59^m 48.0^s$ $20^\circ 43' 59''$ (B1950)
 $10^h 02^m 34.2^s$ $20^\circ 29' 29''$ (J2000)
 $l: 213.37$ $b: 50.99$

DATE: 1979/140 - 1979/140
 LIVETIME: 6518.1s
 ROLL ANGLE: 70.2°

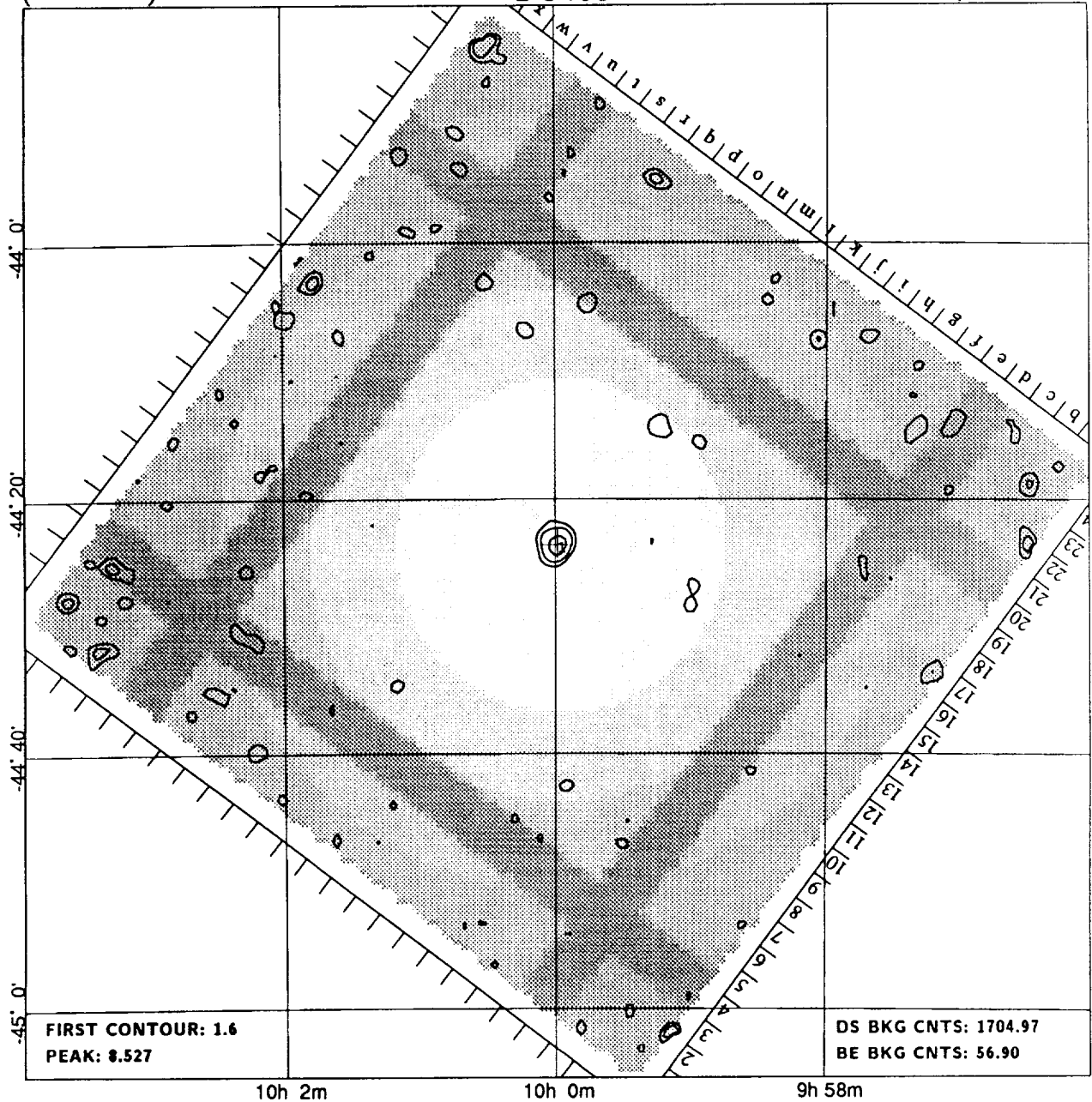
NH: $2.8E+20$
 REF/ID:
 FIELD FLAGS: D

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°

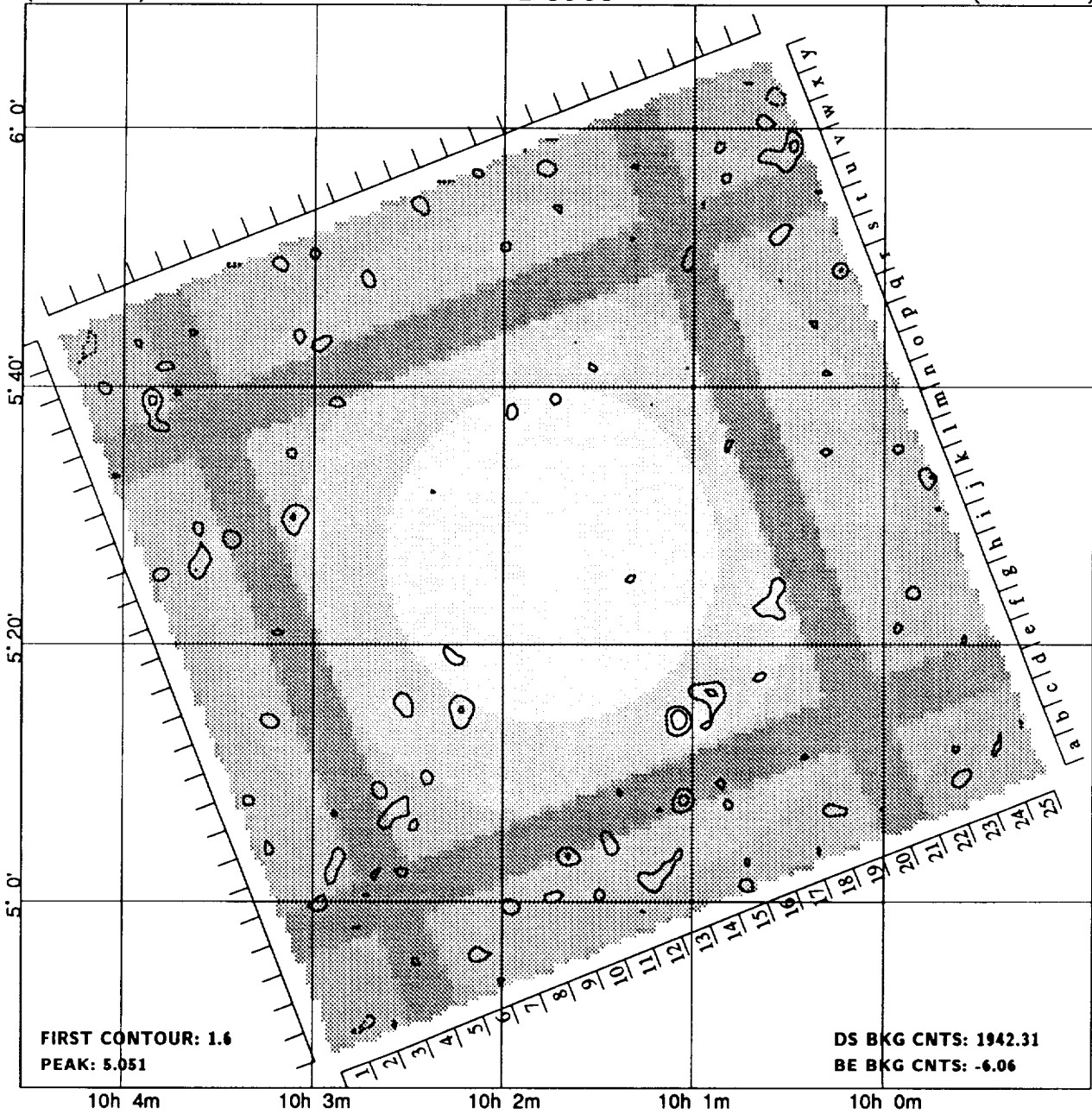
NH: 1.4E+21
 REF/ID:
 FIELD FLAGS:

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)



FIRST CONTOUR: 1.6
PEAK: 5.051

DS BKG CNTS: 1942.31
BE BKG CNTS: -6.06

1001+054, BRIGHT NEARBY QUASAR

FIELD CENTER: $10^{\text{h}}01^{\text{m}}43.3^{\text{s}}$ $05^{\circ}27'33''$ (B1950)
 $10^{\text{h}}04^{\text{m}}20.1^{\text{s}}$ $05^{\circ}12'59''$ (J2000)
 l : 234.16 b : 44.62

DATE: 1979/336 - 1979/336
 LIVETIME: 1573.9s
 ROLL ANGLE: -111.5°

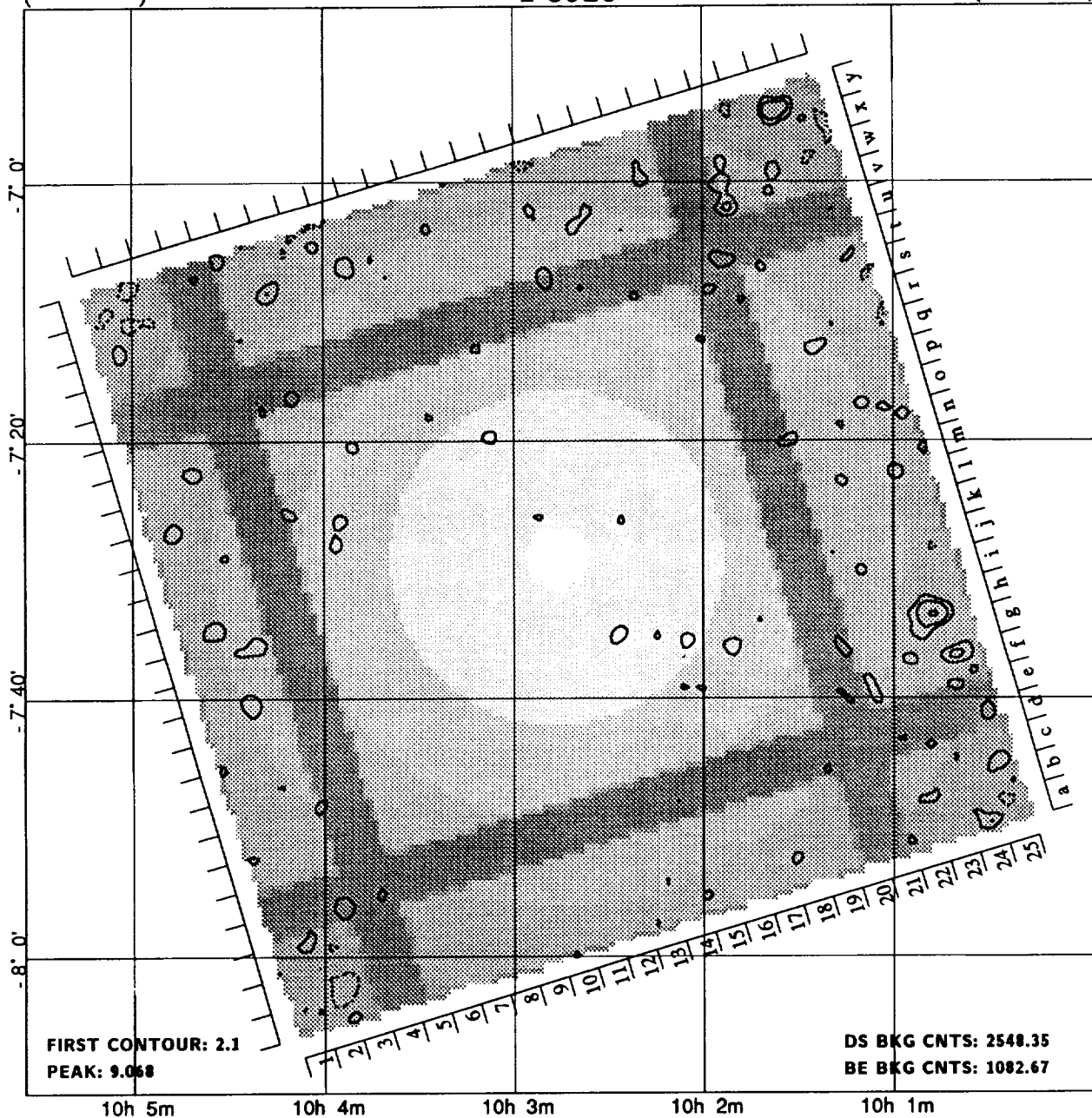
NH: $2.3\text{E}+20$
 REF/ID:
 FIELD FLAGS:

C-4

(10h 2m)

I 3920

(10h 2m)



NGC 3115 HALO

FIELD CENTER: $10^h 02^m 44.4^s -07^\circ 28' 29''$ (B1950)
 $10^h 05^m 13.8^s -07^\circ 43' 06''$ (J2000)
 $l: 247.78 \quad b: 36.78$

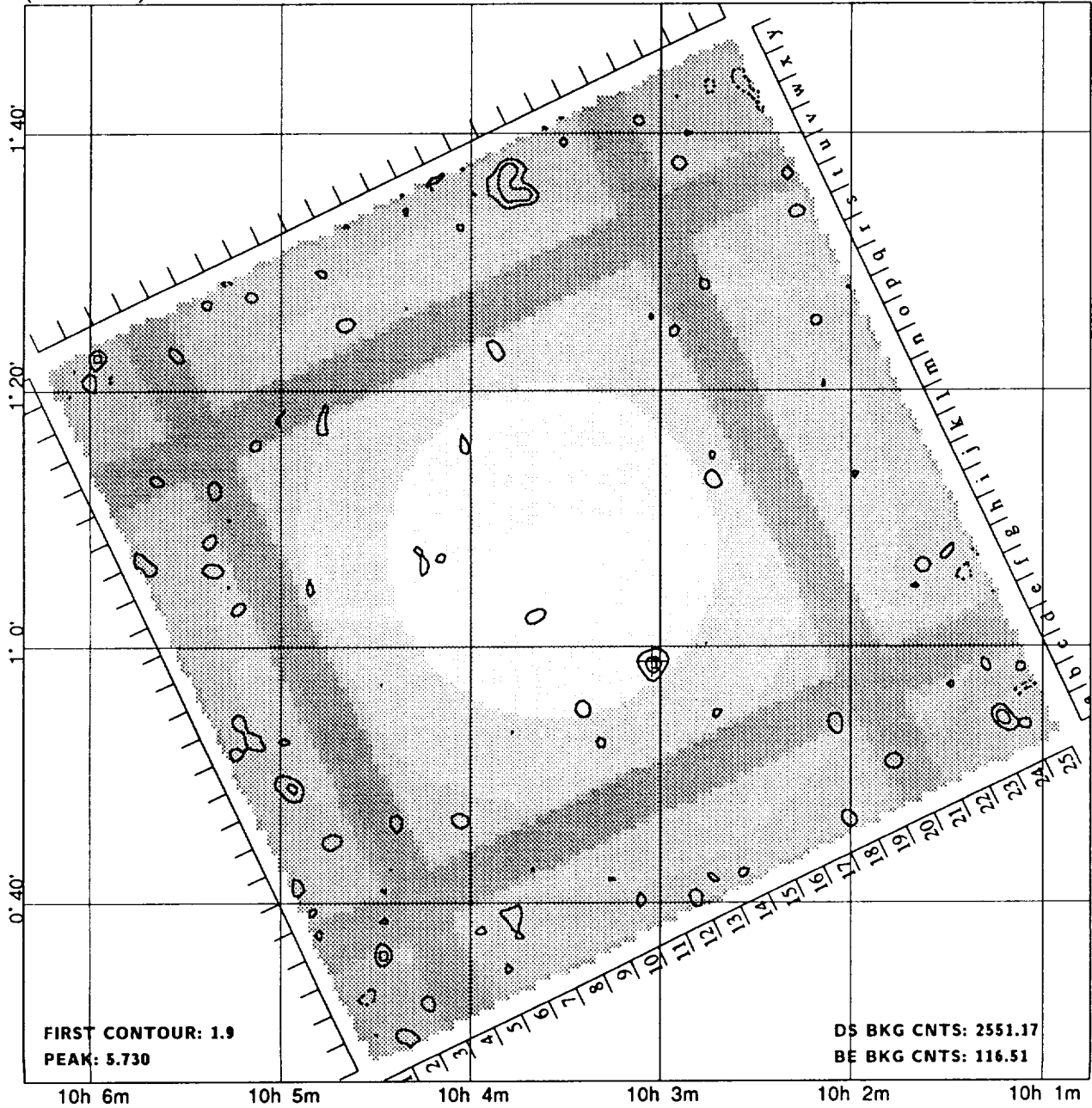
DATE: 1979/316 - 1979/316
 LIVETIME: 2065.0s
 ROLL ANGLE: -106.5°

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

(10h 3m)

I 7406

(10h 3m)



GD 113, SUBDWARF STAR

FIELD CENTER: $10^h 03^m 33.0^s$ $01^\circ 08' 05''$ (B1950)
 $10^h 06^m 07.3^s$ $00^\circ 53' 27''$ (J2000)
 $l: 239.38$ $b: 42.48$

DATE: 1980/354 - 1980/355
 LIVETIME: 2067.3s
 ROLL ANGLE: -115.6°

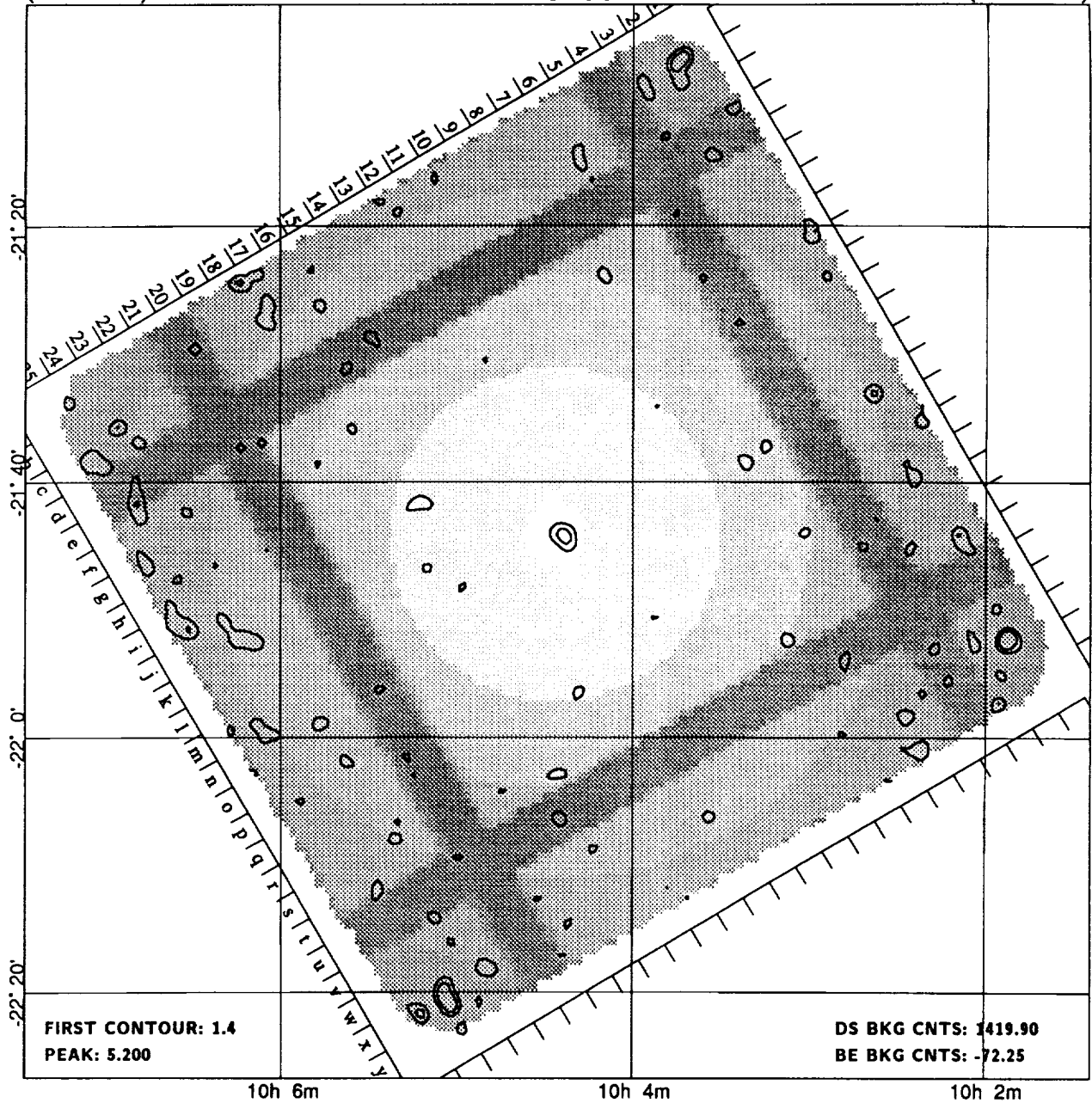
NH: $2.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $10^h 04^m 25.4^s$ $-21^\circ 44' 43''$ (B1950)
 $10^h 06^m 46.3^s$ $-21^\circ 59' 23''$ (J2000)
 $l: 259.80$ $b: 26.78$

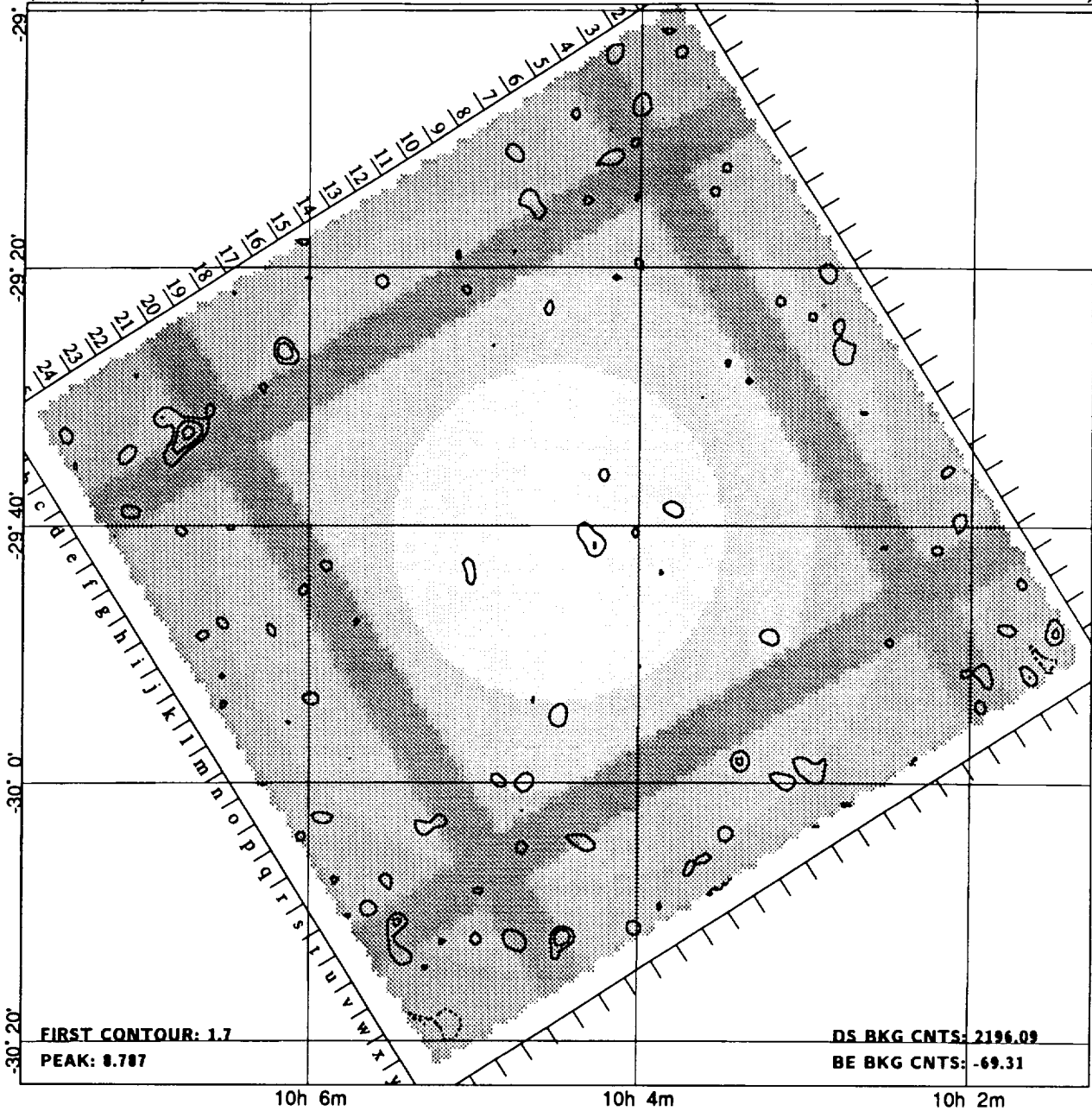
DATE: 1980/166 - 1980/167
LIVETIME: 1150.6s
ROLL ANGLE: 59.6°

NH: $5.4E+20$
REF/ID: !
FIELD FLAGS:

(10h 4m)

I 430

(10h 4m)



NGC 3125 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $10^h 04^m 30.0^s$ $-29^\circ 41' 29''$ (B1950)
 $10^h 06^m 45.4^s$ $-29^\circ 56' 09''$ (J2000)
 $l: 265.36$ $b: 20.67$

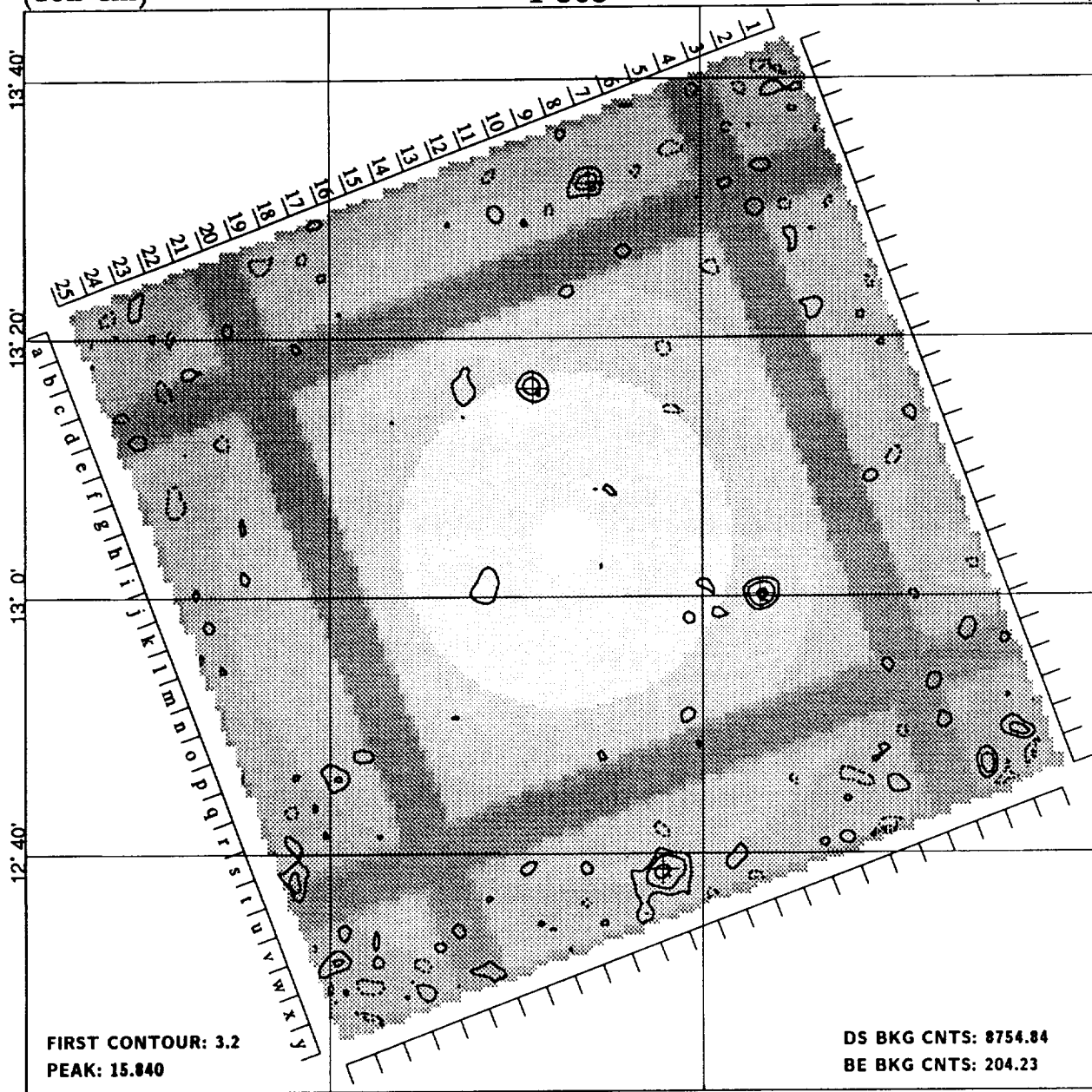
DATE: 1979/168 - 1979/168
 LIVETIME: 1779.6s
 ROLL ANGLE: 57.7°

NH: $6.2E+20$
 REF/ID:
 FIELD FLAGS:

(10h 4m)

I 563

(10h 4m)



QSO 1004+130 (4C 13.41) QUASAR SURVEY

FIELD CENTER: $10^h 04^m 45.0^s$ $13^\circ 03' 37''$ (B1950)
 $10^h 07^m 26.0^s$ $12^\circ 48' 57''$ (J2000)
 $l: 225.12$ $b: 49.12$

DATE: 1979/141 - 1980/130
 LIVETIME: 7094.3s
 ROLL ANGLE: 69.4°

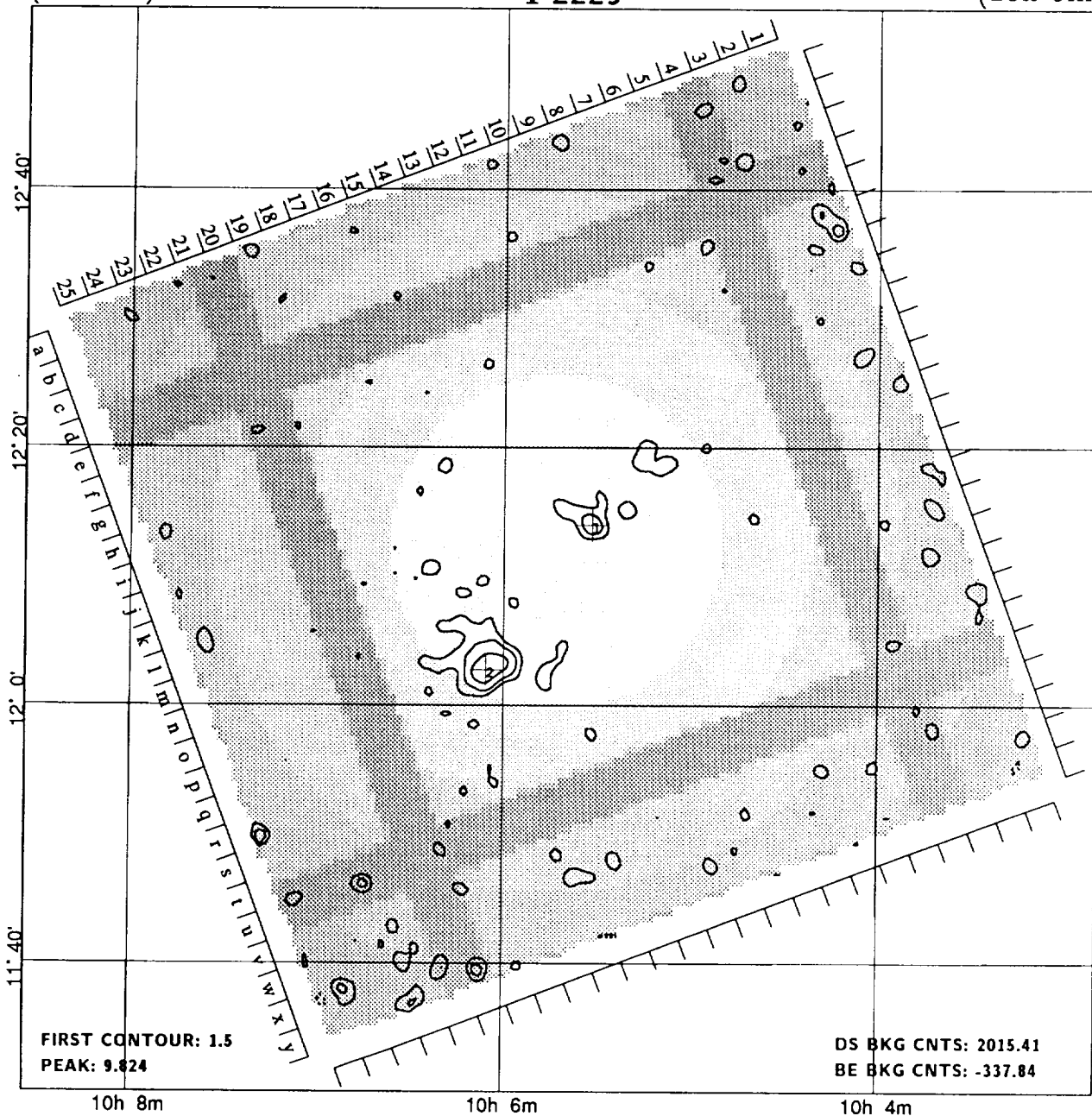
NH: $3.8E+20$
 REF/ID: Q
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^h 05^m 42.0^s$ $12^\circ 11' 59''$ (B1950)
 $10^h 08^m 22.5^s$ $11^\circ 57' 17''$ (J2000)
 $l: 226.44$ $b: 48.93$

DATE: 1979/143 - 1979/143
 LIVETIME: 1633.1s
 ROLL ANGLE: 69.5°

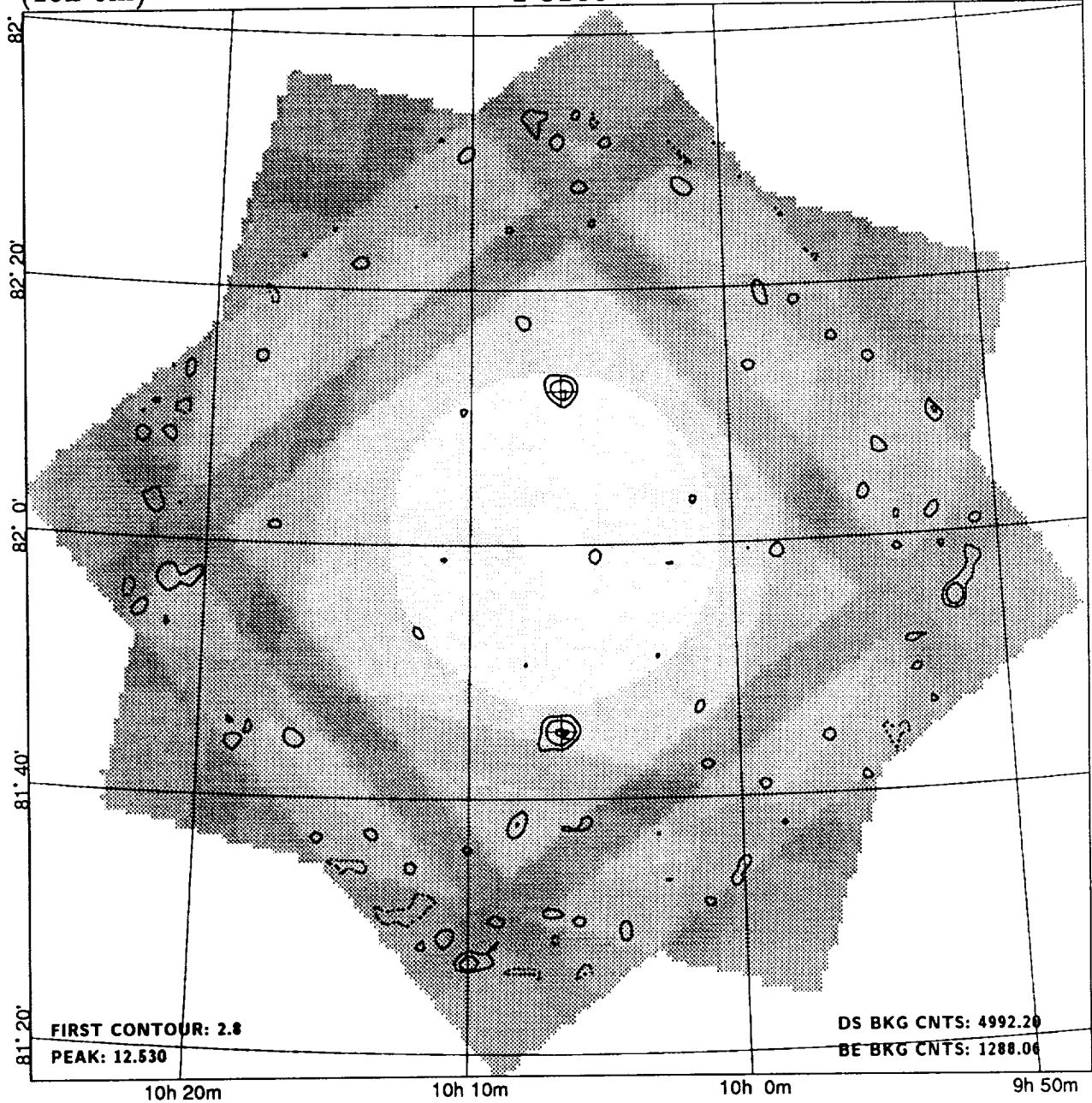
NH: $3.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(10h 6m)

I 5188

(10h 6m)



STAR HD 96511, CORRELATION OF CORONAL ACTIVITY WITH BINARY PERIOD

FIELD CENTER: $10^h 06^m 40.0^s$ $82^\circ 00' 19''$ (B1950)
 $10^h 12^m 50.4^s$ $81^\circ 45' 31''$ (J2000)
 $l: 129.22$ $b: 33.33$

DATE: 1979/292 - 1980/ 65
 LIVETIME: 4045.4s

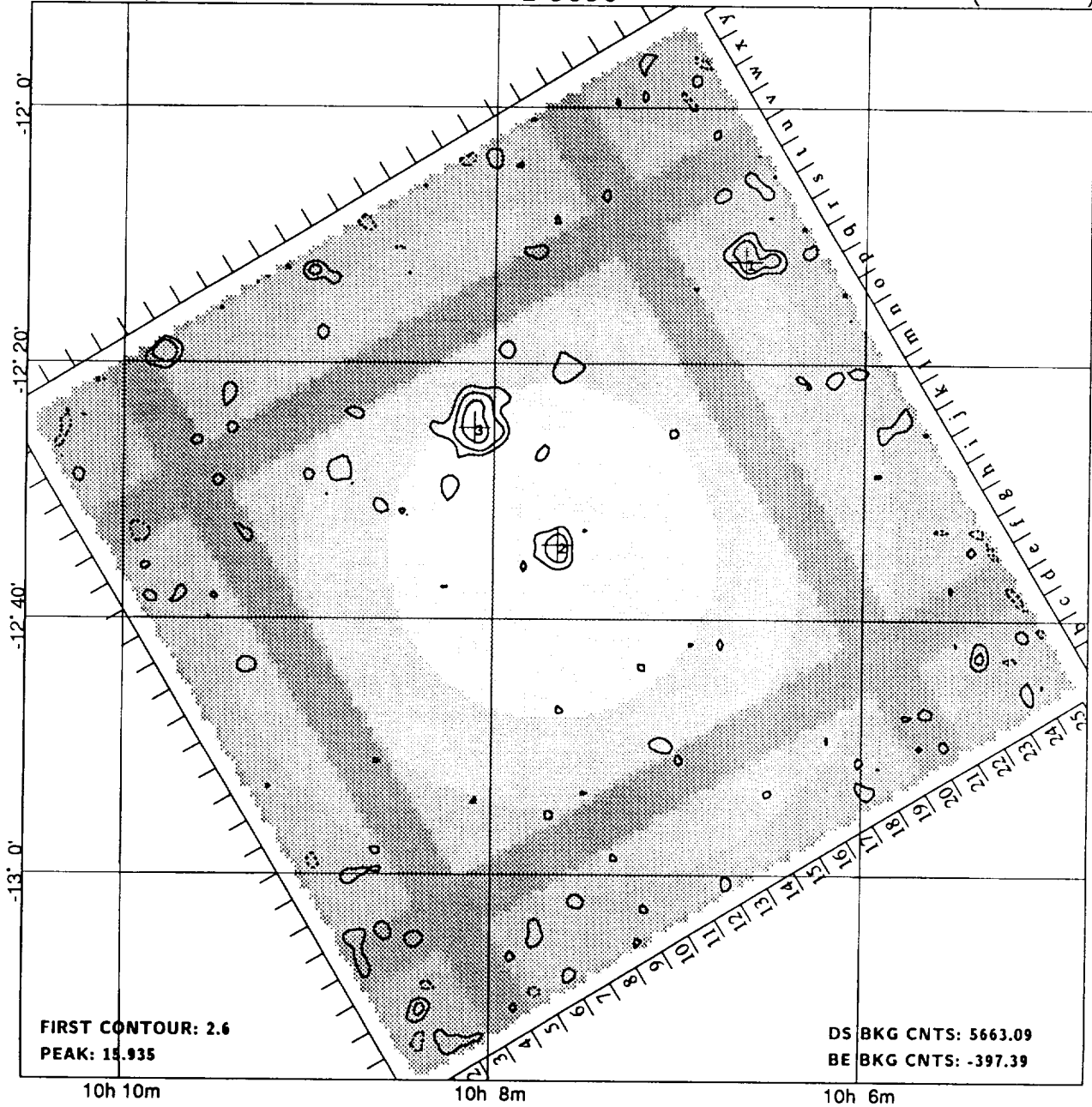
NH: $3.5E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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)



FIRST CONTOUR: 2.6
PEAK: 15.935

DS BKG CNTS: 5663.09
BE BKG CNTS: -397.39

10h 10m

10h 8m

10h 6m

F0-G5 STARS: HR 3991

FIELD CENTER: $10^h 07^m 39.5^s - 12^\circ 34' 04''$ (B1950)
 $10^h 10^m 06.2^s - 12^\circ 48' 51''$ (J2000)
 $l: 253.29 \quad b: 34.08$

DATE: 1980/356 - 1980/357
LIVETIME: 4589.0s
ROLL ANGLE: -121.0°

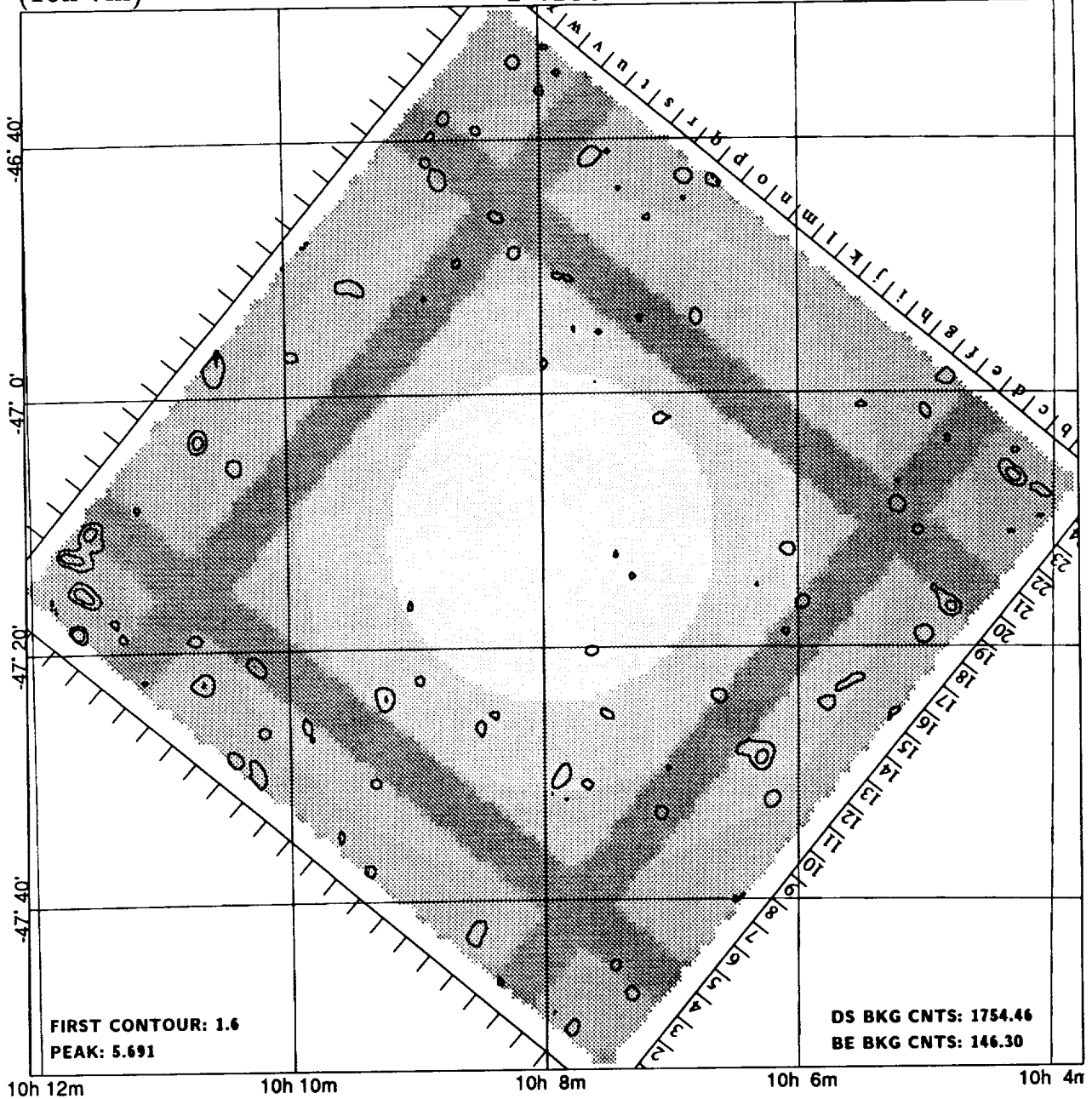
NH: $6.1E+20$
REF/ID:
FIELD FLAGS:

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	

(10h 7m)

I 4136

(10h 7m)



FIRST CONTOUR: 1.6
 PEAK: 5.691

DS BKG CNTS: 1754.46
 BE BKG CNTS: 146.30

H1011-47 POSITION

FIELD CENTER: $10^{\text{h}}07^{\text{m}}55.2^{\text{s}}$ $-47^{\circ}11'23''$ (B1950)
 $10^{\text{h}}09^{\text{m}}55.2^{\text{s}}$ $-47^{\circ}26'10''$ (J2000)
 $l: 276.73$ $b: 7.05$

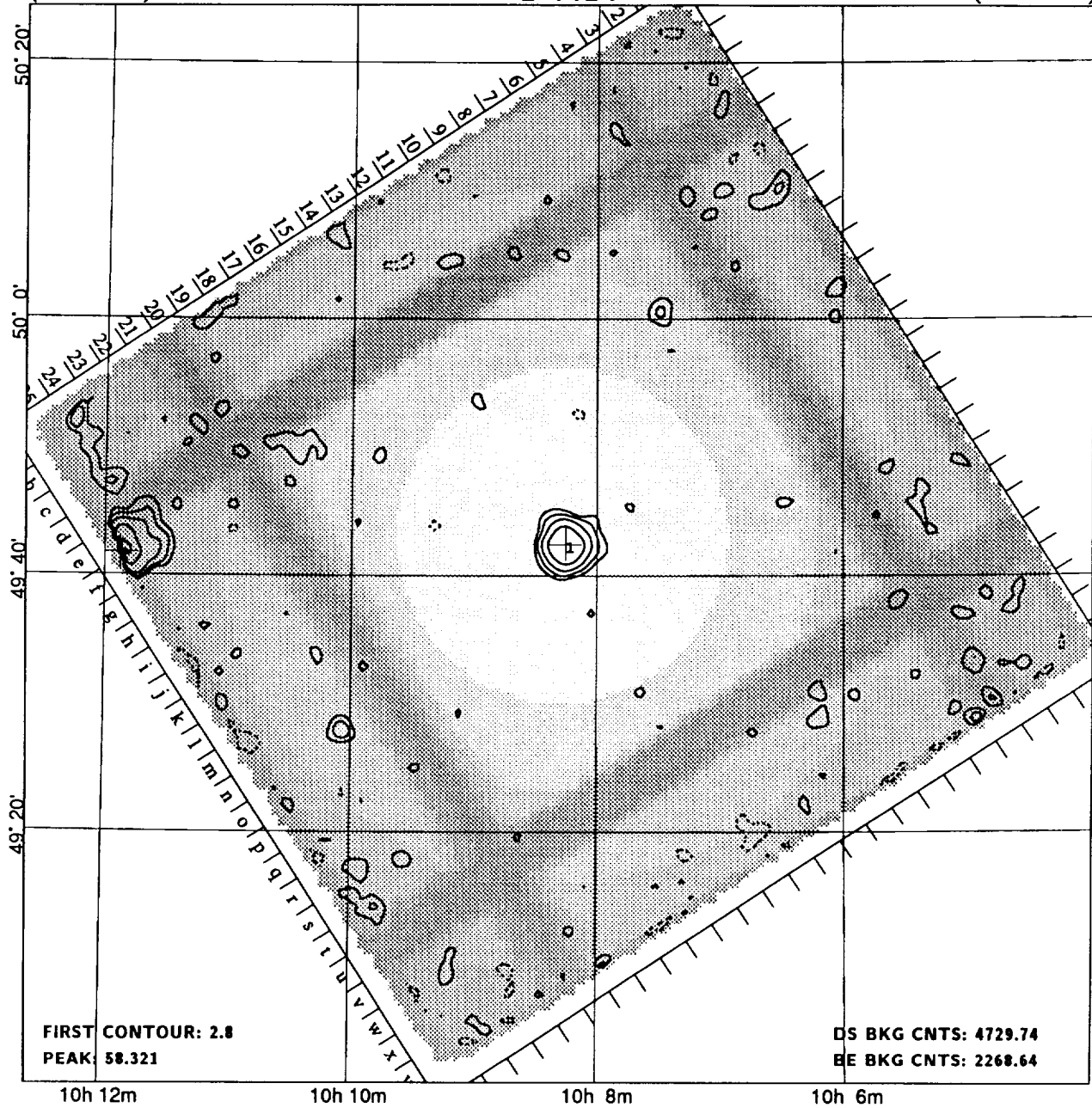
DATE: 1980/ 8 - 1980/ 9
 LIVETIME: 1421.7s
 ROLL ANGLE: -140.4°

NH: $1.4\text{E}+21$
 REF/ID:
 FIELD FLAGS:

(10h 8m)

I 4414

(10h 8m)



STELLAR SURVEY: HD 88230

FIELD CENTER: $10^{\text{h}}08^{\text{m}}19.0^{\text{s}}$ $49^{\circ}42'28''$ (B1950)
 $10^{\text{h}}11^{\text{m}}29.0^{\text{s}}$ $49^{\circ}27'40''$ (J2000)
 $l: 165.84$ $b: 52.16$

DATE: 1980/111 - 1980/113
 LIVETIME: 3970.3s
 ROLL ANGLE: 57.0°

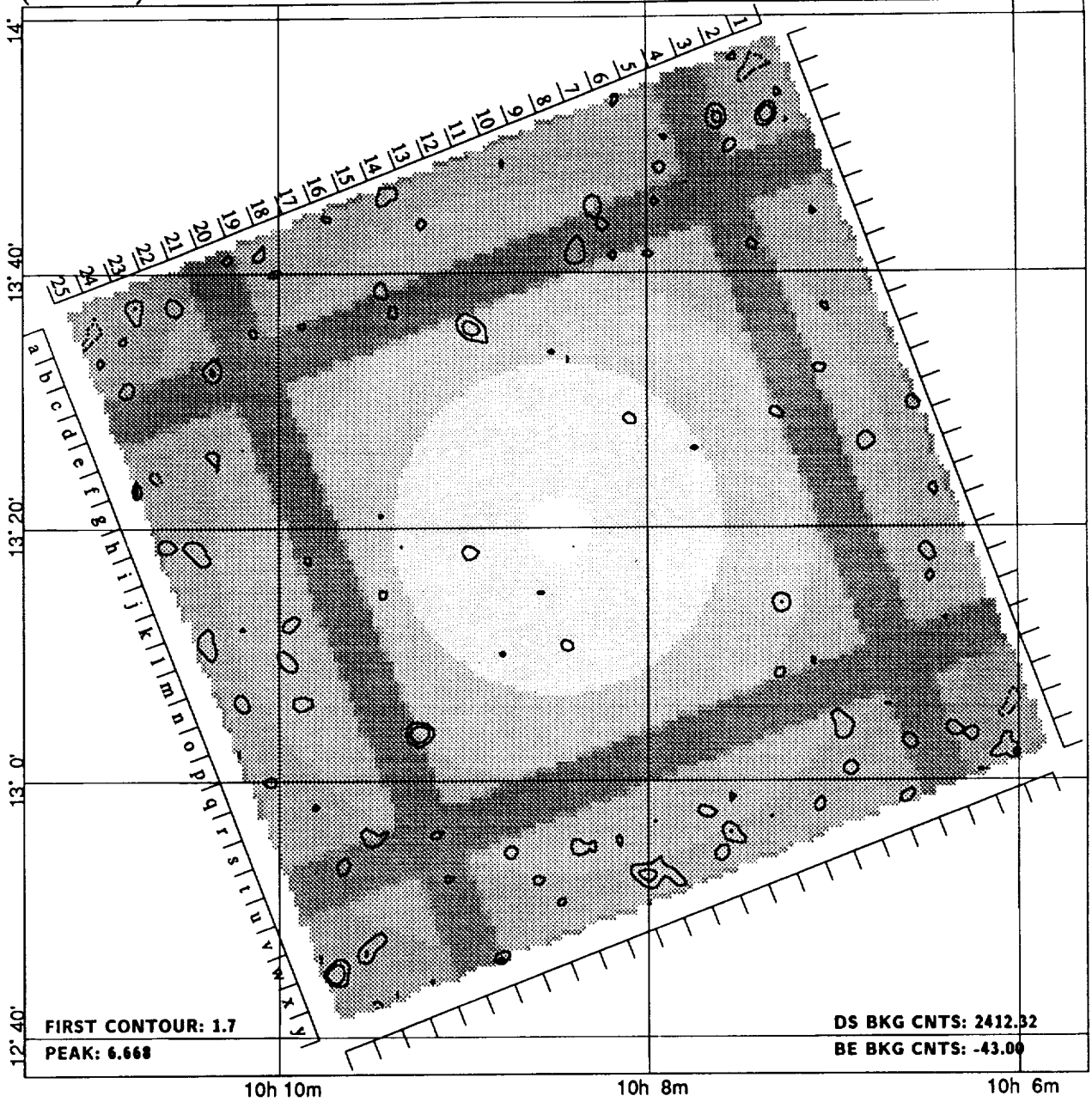
NH: $8.4\text{E}+19$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $10^h 08^m 30.0^s$ $13^\circ 19' 06''$ (B1950)
 $10^h 11^m 11.0^s$ $13^\circ 04' 18''$ (J2000)
 $l: 225.40$ $b: 50.05$

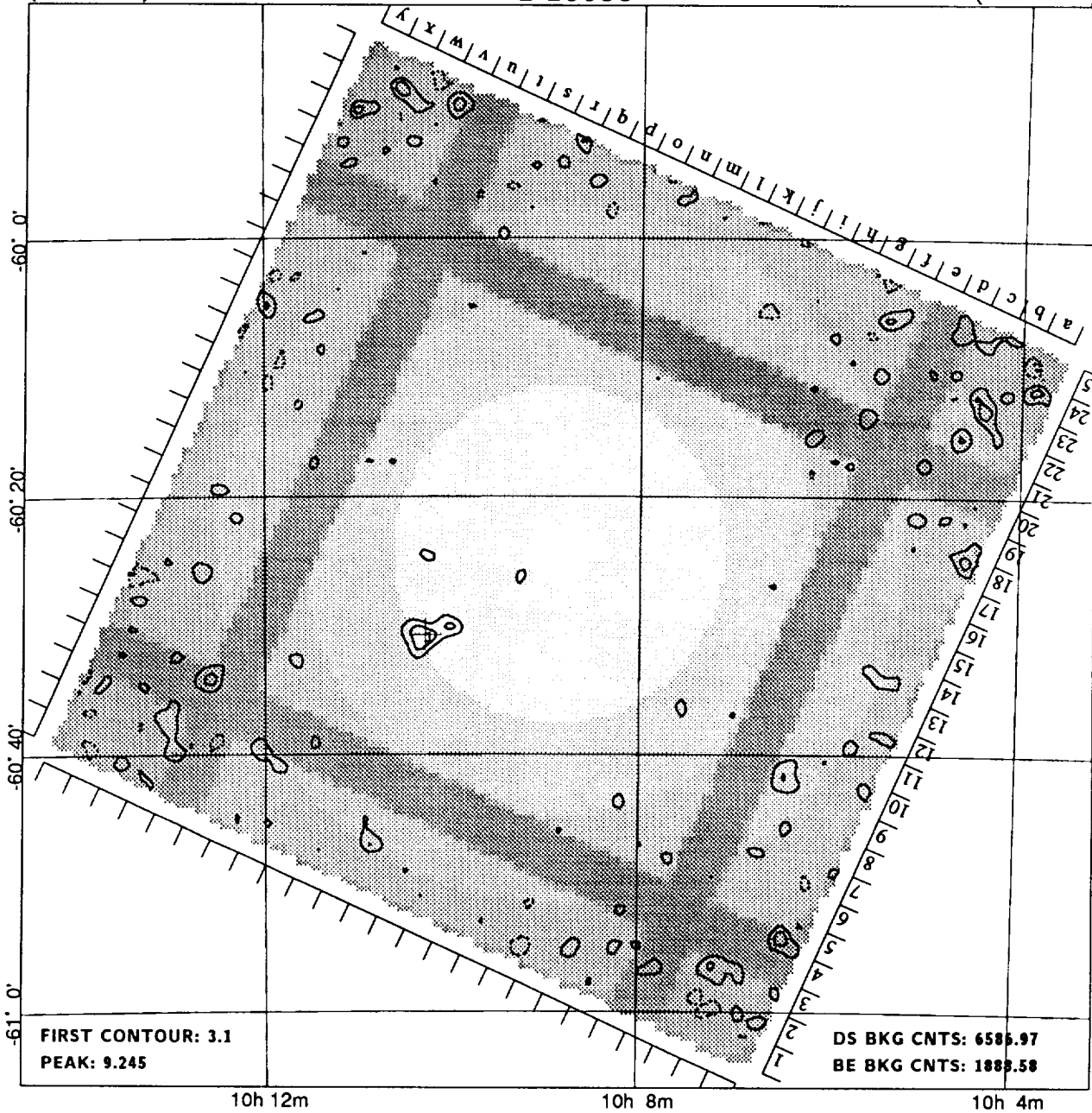
DATE: 1980/129 - 1980/129
 LIVETIME: 2025.0s
 ROLL ANGLE: 68.9°

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: $10^h 08^m 52.8^s$ $-60^\circ 23' 56''$ (B1950)
 $10^h 10^m 31.8^s$ $-60^\circ 38' 45''$ (J2000)
 $l: 284.44$ $b: -3.69$

DATE: 1981/ 24 - 1981/ 24
 LIVETIME: 5337.7s
 ROLL ANGLE: -155.6°

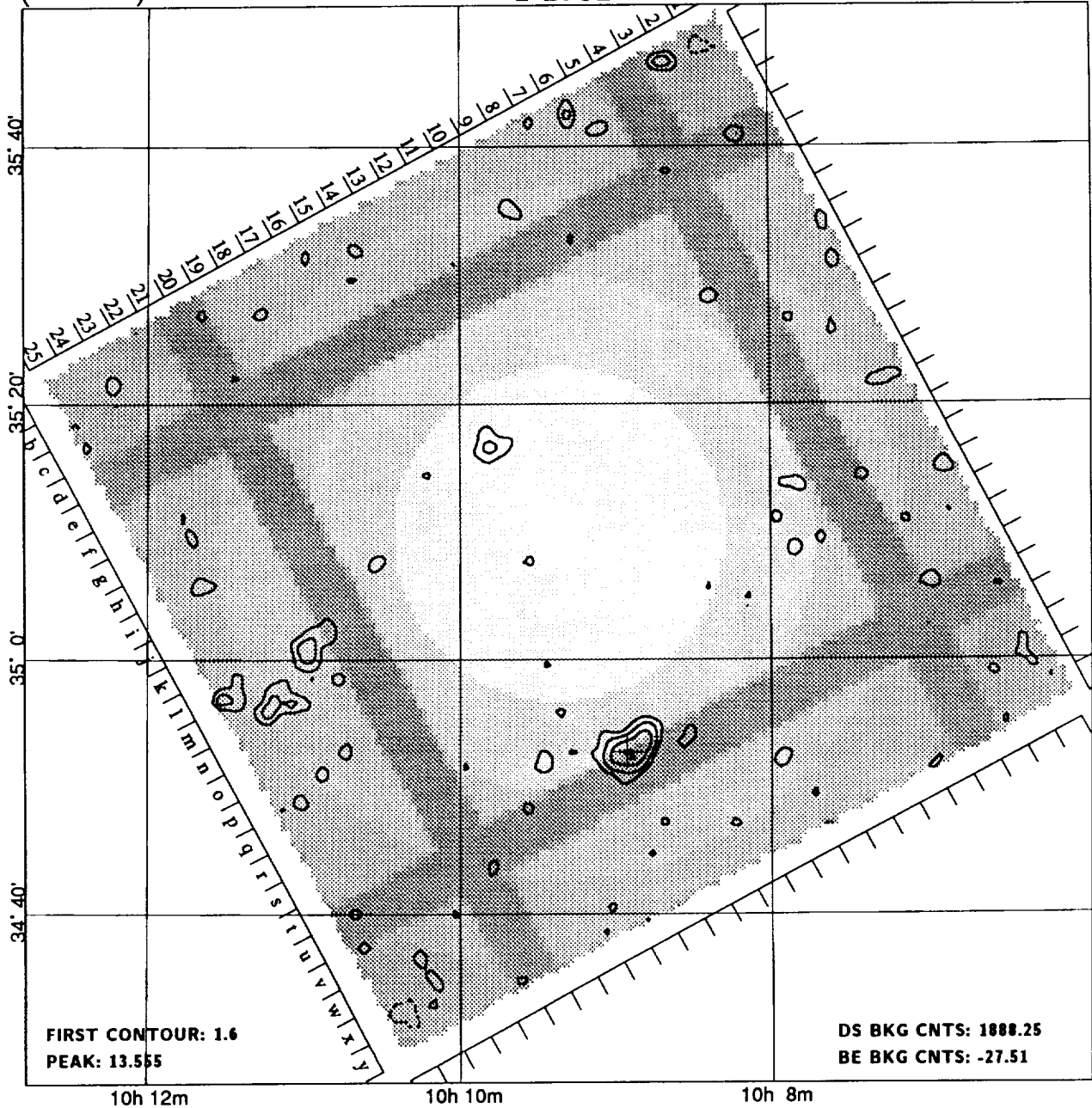
NH: $1.5E+21$
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^h 09^m 22.0^s$ $35^\circ 08' 59''$ (B1950)
 $10^h 12^m 17.2^s$ $34^\circ 54' 09''$ (J2000)
 $l: 190.02$ $b: 55.26$

DATE: 1979/144 - 1979/144
 LIVETIME: 1530.1s
 ROLL ANGLE: 61.9°

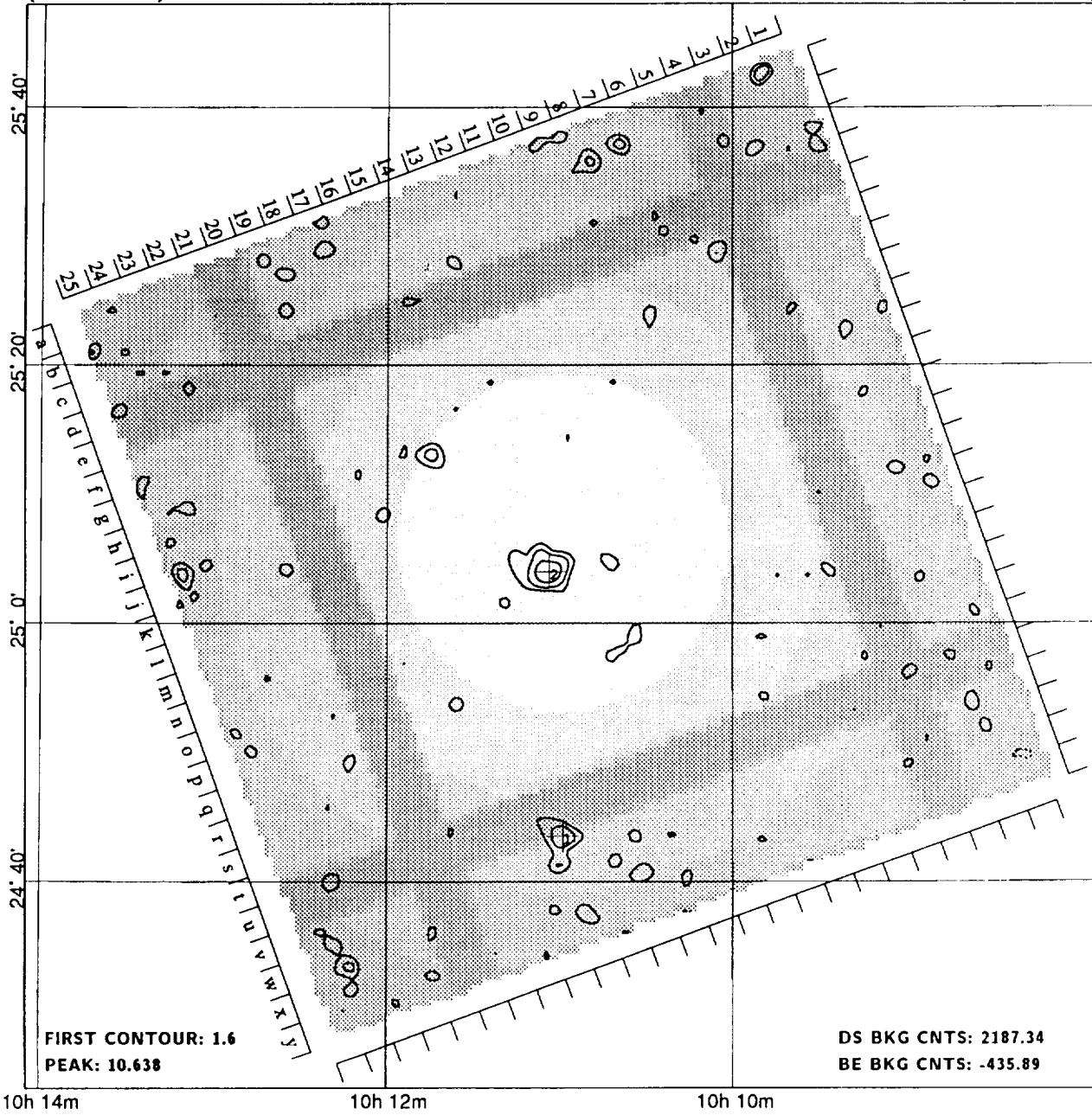
NH: $1.3E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $10^h 11^m 00.0^s$ $25^\circ 05' 59''$ (B1950)
 $10^h 13^m 47.8^s$ $24^\circ 51' 06''$ (J2000)
 $l: 207.54$ $b: 54.65$

DATE: 1979/143 - 1979/143
 LIVETIME: 1772.5s
 ROLL ANGLE: 70.1°

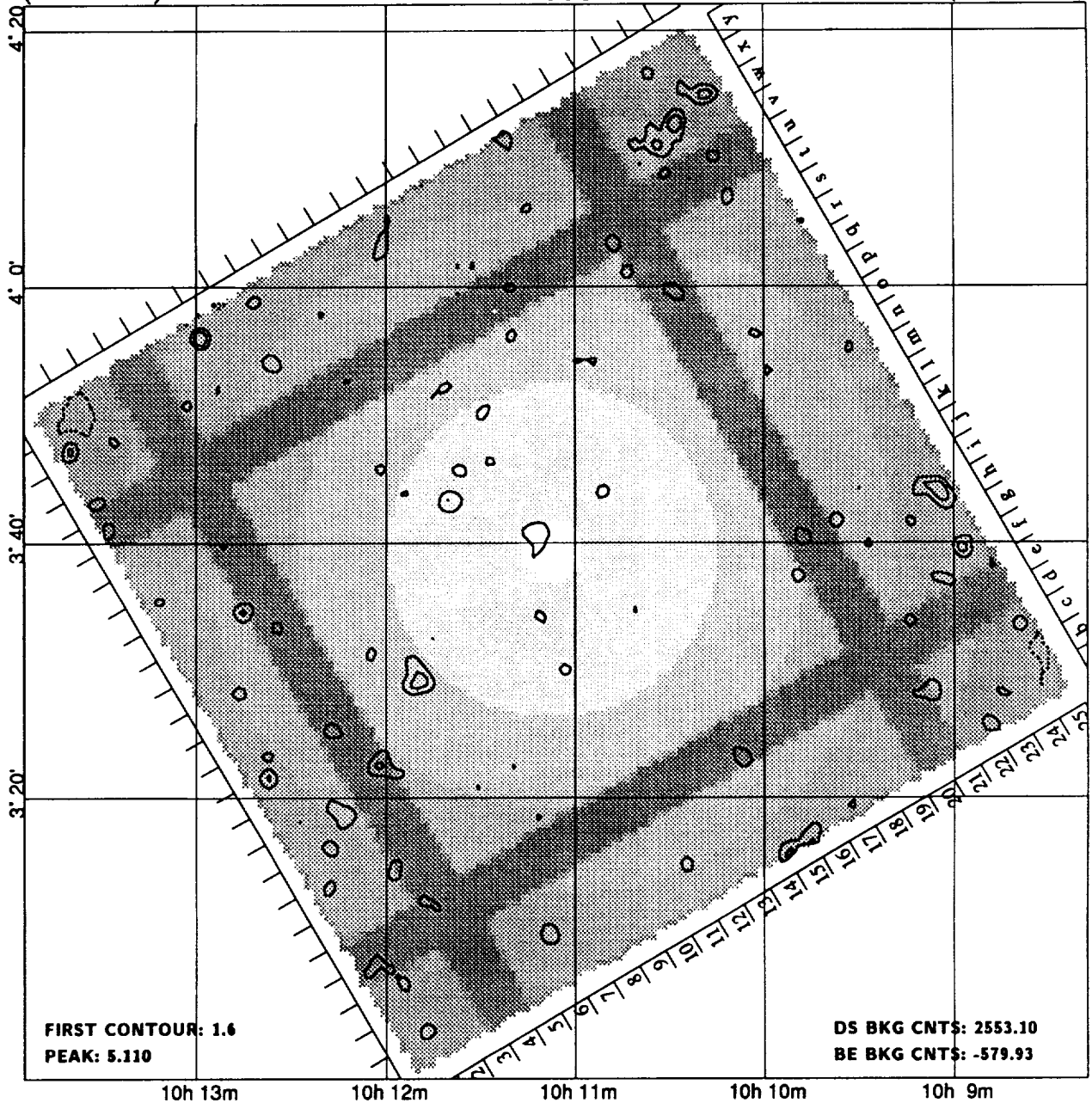
NH: $2.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm ''	COUNT RATE	\pm	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)



FIRST CONTOUR: 1.6
PEAK: 5.110

DS BKG CNTS: 2553.10
BE BKG CNTS: -579.93

GROUPS OF GALAXIES: TG 20

FIELD CENTER: $10^h 11^m 06.0^s$ $03^\circ 39' 59''$ (B1950)
 $10^h 13^m 41.6^s$ $03^\circ 25' 06''$ (J2000)
 $l: 238.14$ $b: 45.51$

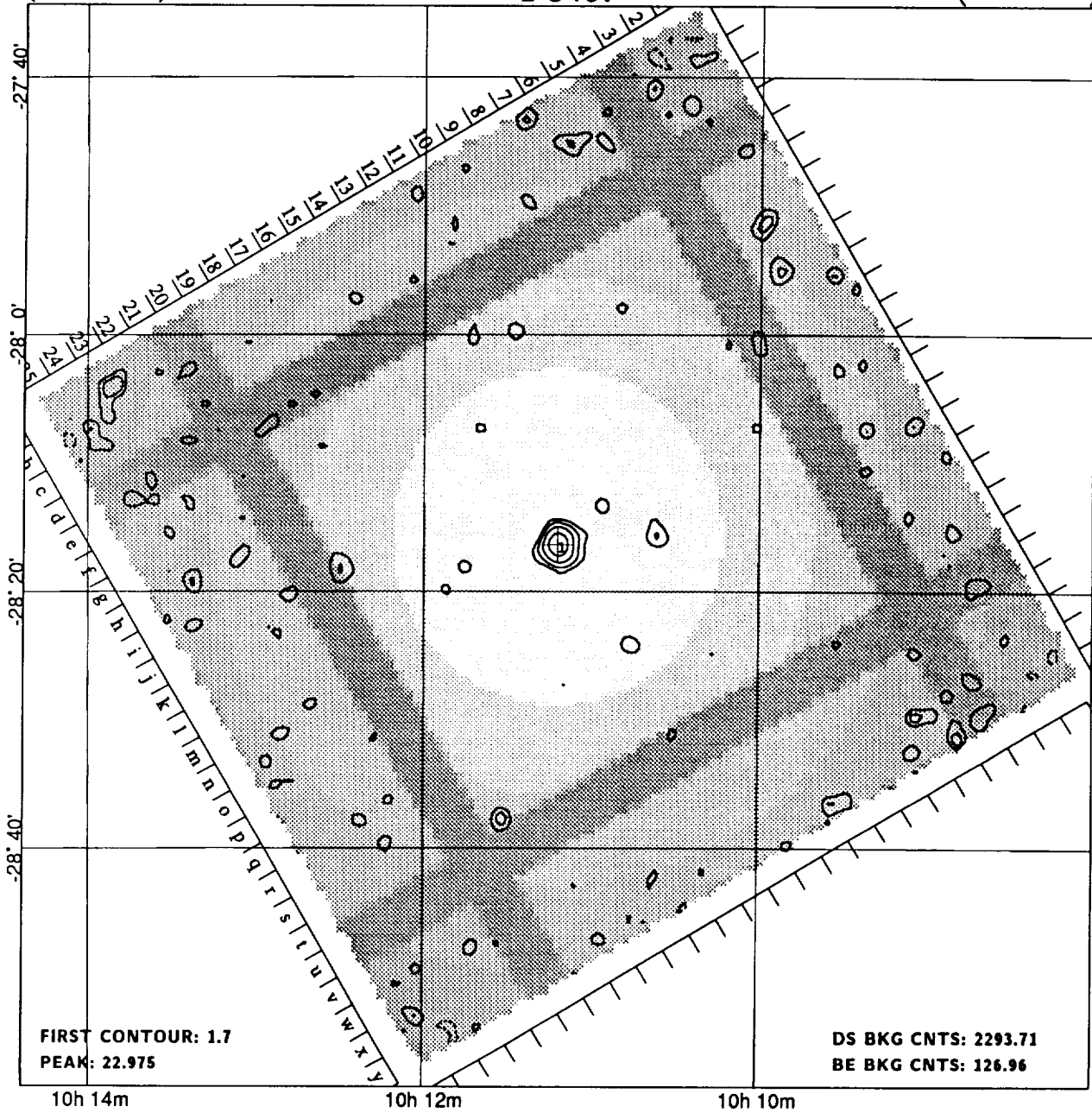
DATE: 1979/341 - 1979/341
LIVETIME: 2068.9s
ROLL ANGLE: -120.3°

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

(10h 11m)

I 5407

(10h 11m)



1011-202, QSO'S WITH RADIO FLAT SPECTRUM

FIELD CENTER: $10^{\text{h}}11^{\text{m}}12.2^{\text{s}}$ $-28^{\circ}16'31''$ (B1950)
 $10^{\text{h}}13^{\text{m}}29.6^{\text{s}}$ $-28^{\circ}31'25''$ (J2000)
 $l: 265.66$ $b: 22.69$

DATE: 1980/167 - 1980/167
 LIVETIME: 1858.7s
 ROLL ANGLE: 59.5°

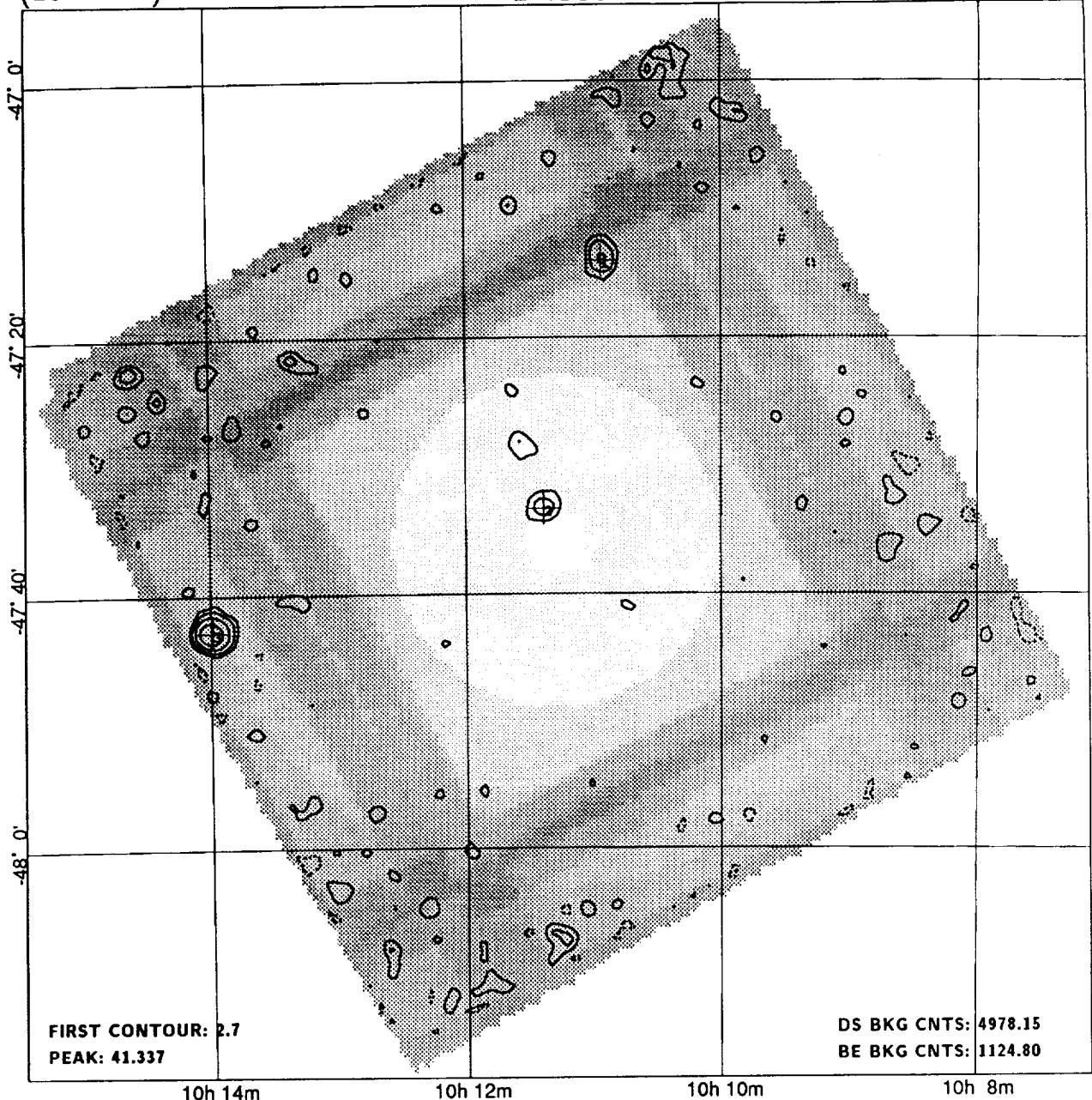
NH: $5.7\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(10h 11m)

I 4135

(10h 11m)



FIRST CONTOUR: 2.7
PEAK: 41.337

DS BKG CNTS: 4978.15
BE BKG CNTS: 1124.80

10h 14m

10h 12m

10h 10m

10h 8m

H1011-47 POSITION

FIELD CENTER: $10^{\text{h}}11^{\text{m}}16.8^{\text{s}}$ $-47^{\circ}35'59''$ (B1950)
 $10^{\text{h}}13^{\text{m}}17.2^{\text{s}}$ $-47^{\circ}50'53''$ (J2000)
 $l: 277.44$ $b: 7.04$

DATE: 1979/349 - 1980/163
LIVETIME: 4034.0s

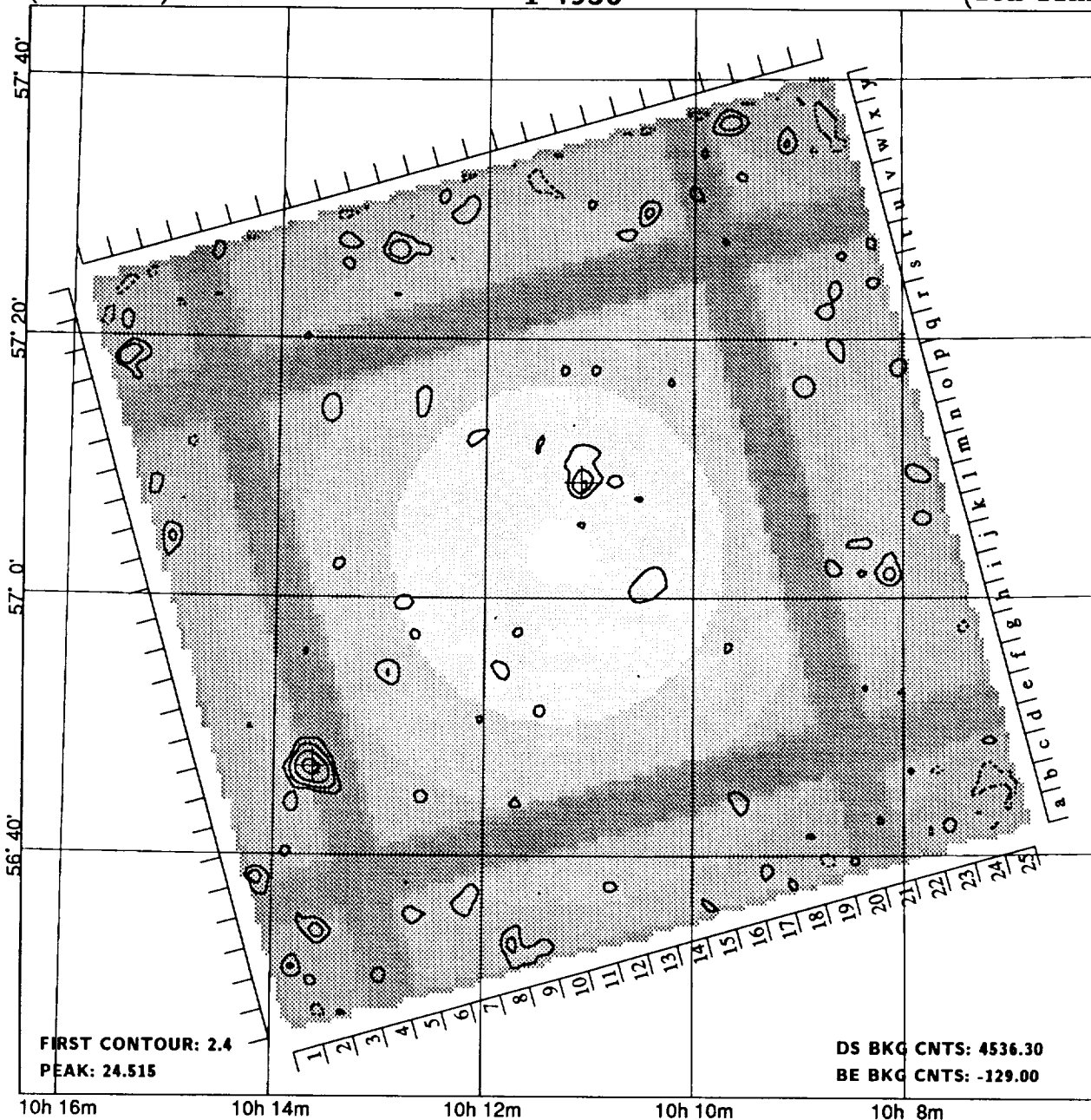
NH: $1.4\text{E}+21$
REF/ID:
FIELD FLAGS:

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	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	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	S

(10h 11m)

I 4936

(10h 11m)



EG386: CORONAL EMISSION FROM HE-RICH WHITE DWARFS

FIELD CENTER: $10^{\text{h}}11^{\text{m}}17.0^{\text{s}}$ $57^{\circ}03'29''$ (B1950)
 $10^{\text{h}}14^{\text{m}}36.9^{\text{s}}$ $56^{\circ}48'35''$ (J2000)
 $l: 155.04$ $b: 49.39$

DATE: 1979/326 - 1979/326
 LIVETIME: 3675.9s
 ROLL ANGLE: -105.6°

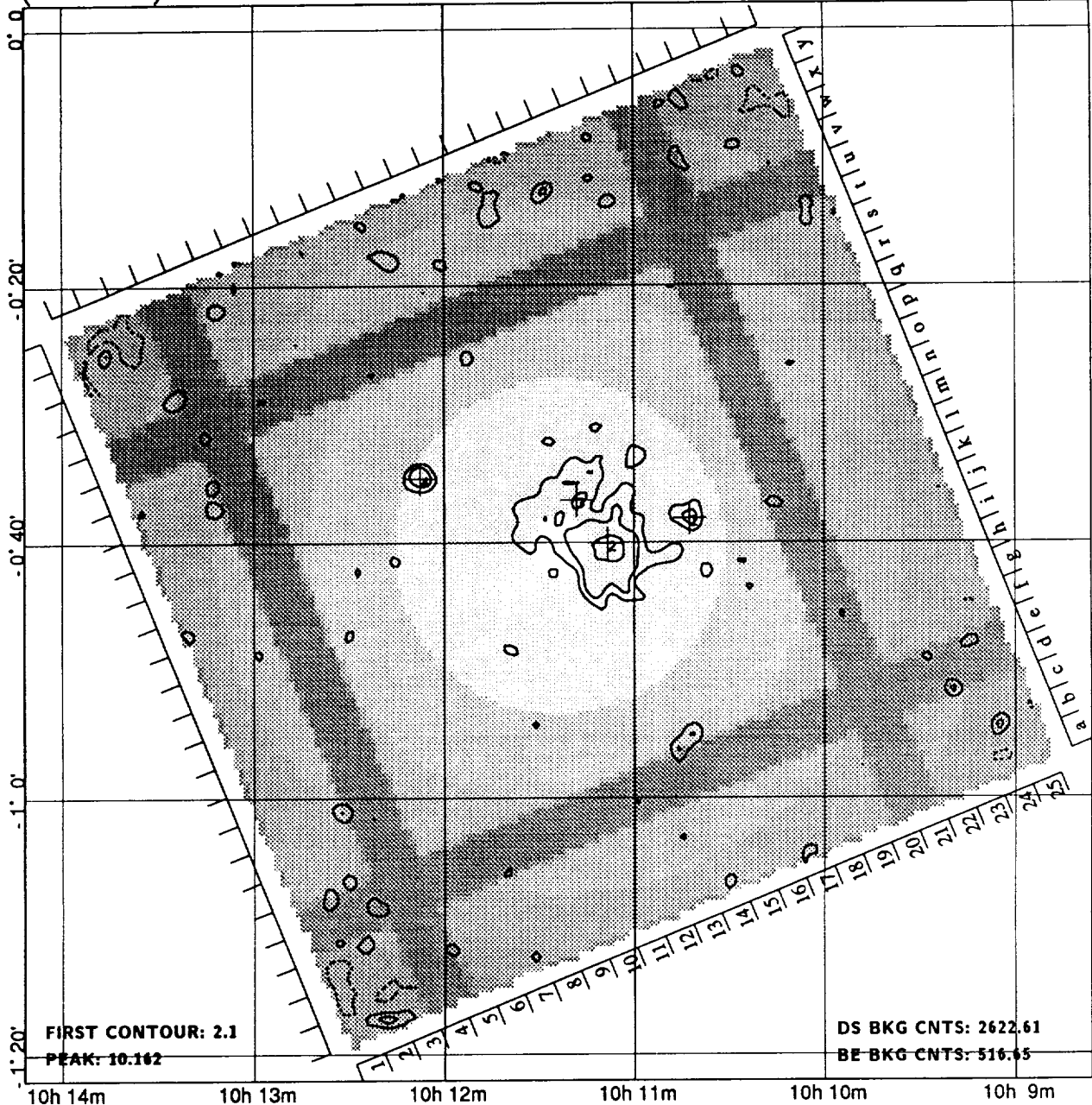
NH: $8.1\text{E}+19$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^{\text{h}}11^{\text{m}}24.0^{\text{s}} -00^{\circ}39'59''$ (B1950)
 $10^{\text{h}}13^{\text{m}}57.3^{\text{s}} -00^{\circ}54'54''$ (J2000)
 $l: 242.96 \quad b: 42.89$

DATE: 1979/336 - 1979/336
 LIVETIME: 2125.2s
 ROLL ANGLE: -112.1°

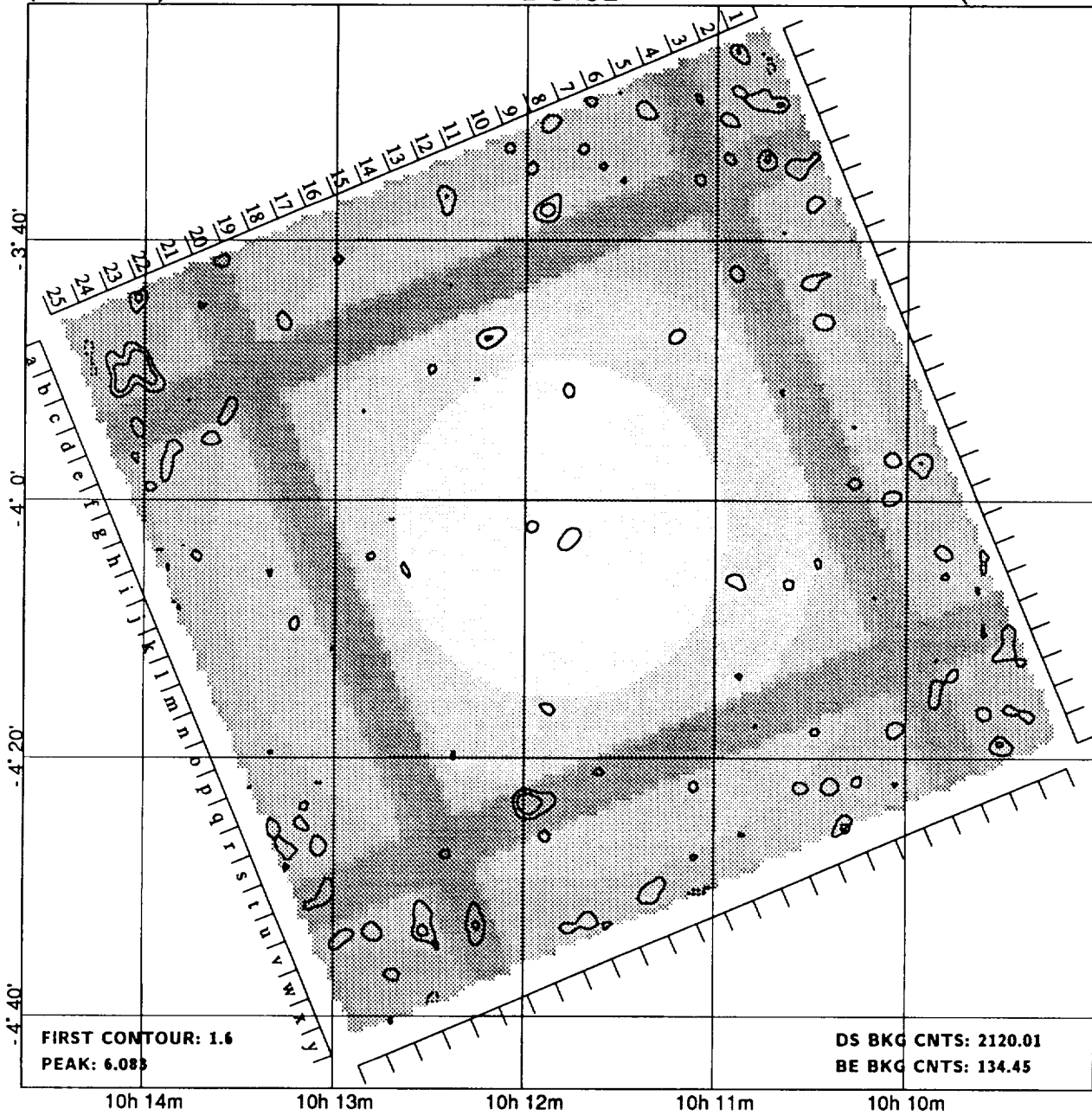
NH: $3.6\text{E}+20$
 REF/ID:
 FIELD FLAGS: D

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: $10^h 11^m 49.2^s -04^\circ 03' 42''$ (B1950)
 $10^h 14^m 20.7^s -04^\circ 18' 38''$ (J2000)
 $l: 246.50 \quad b: 40.75$

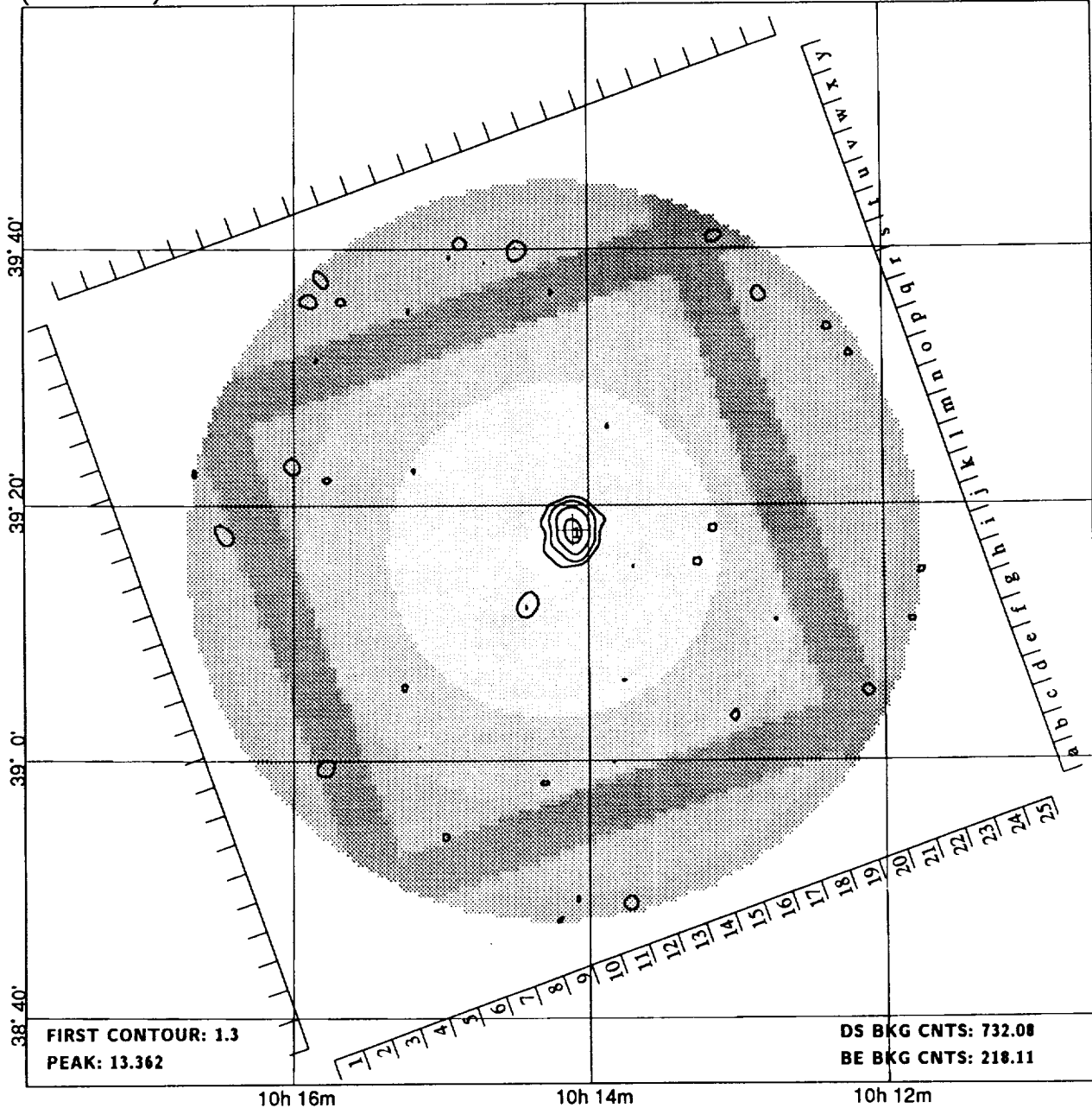
DATE: 1980/153 - 1980/153
 LIVETIME: 1717.9s
 ROLL ANGLE: 67.2°

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

(10h 14m)

I 3446

(10h 14m)



A 963, MAGNETIC FIELDS IN CLUSTERS OF GALAXIES

FIELD CENTER: $10^h 14^m 12.0^s$ $39^\circ 16' 59''$ (B1950)
 $10^h 17^m 09.6^s$ $39^\circ 01' 59''$ (J2000)
 $l: 182.58$ $b: 55.86$

DATE: 1979/326 - 1979/326
 LIVETIME: 593.2s
 ROLL ANGLE: -109.7°

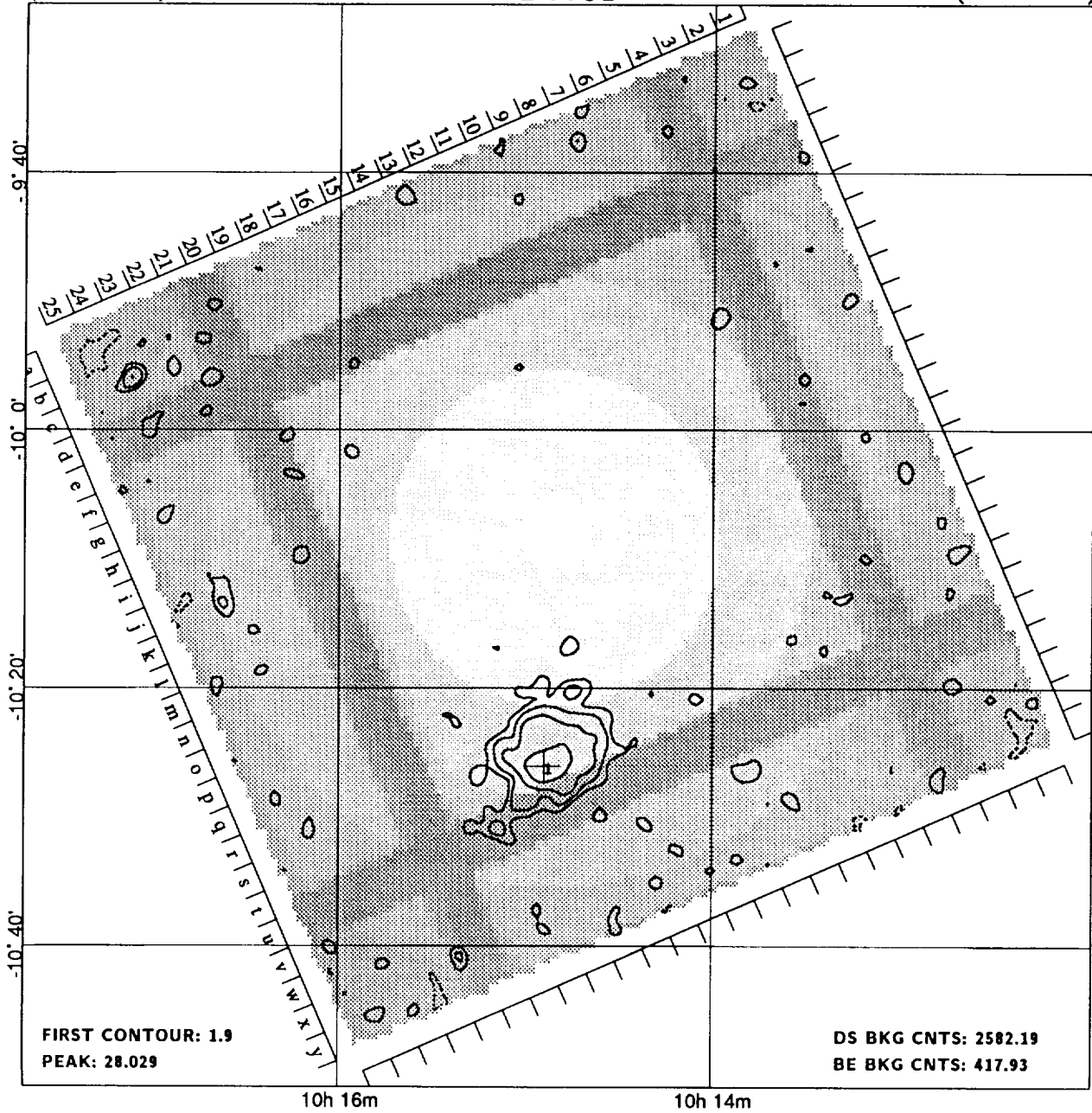
NH: $1.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(10h 14m)

I 7791

(10h 14m)



A970, CLUSTERS OF GALAXIES SURVEY

FIELD CENTER: $10^h 14^m 50.0^s - 10^\circ 08' 59''$ (B1950)
 $10^h 17^m 18.4^s - 10^\circ 24' 00''$ (J2000)
 $l: 252.79 \quad b: 37.04$

DATE: 1980/155 - 1980/155
 LIVETIME: 2092.4s
 ROLL ANGLE: 66.5°

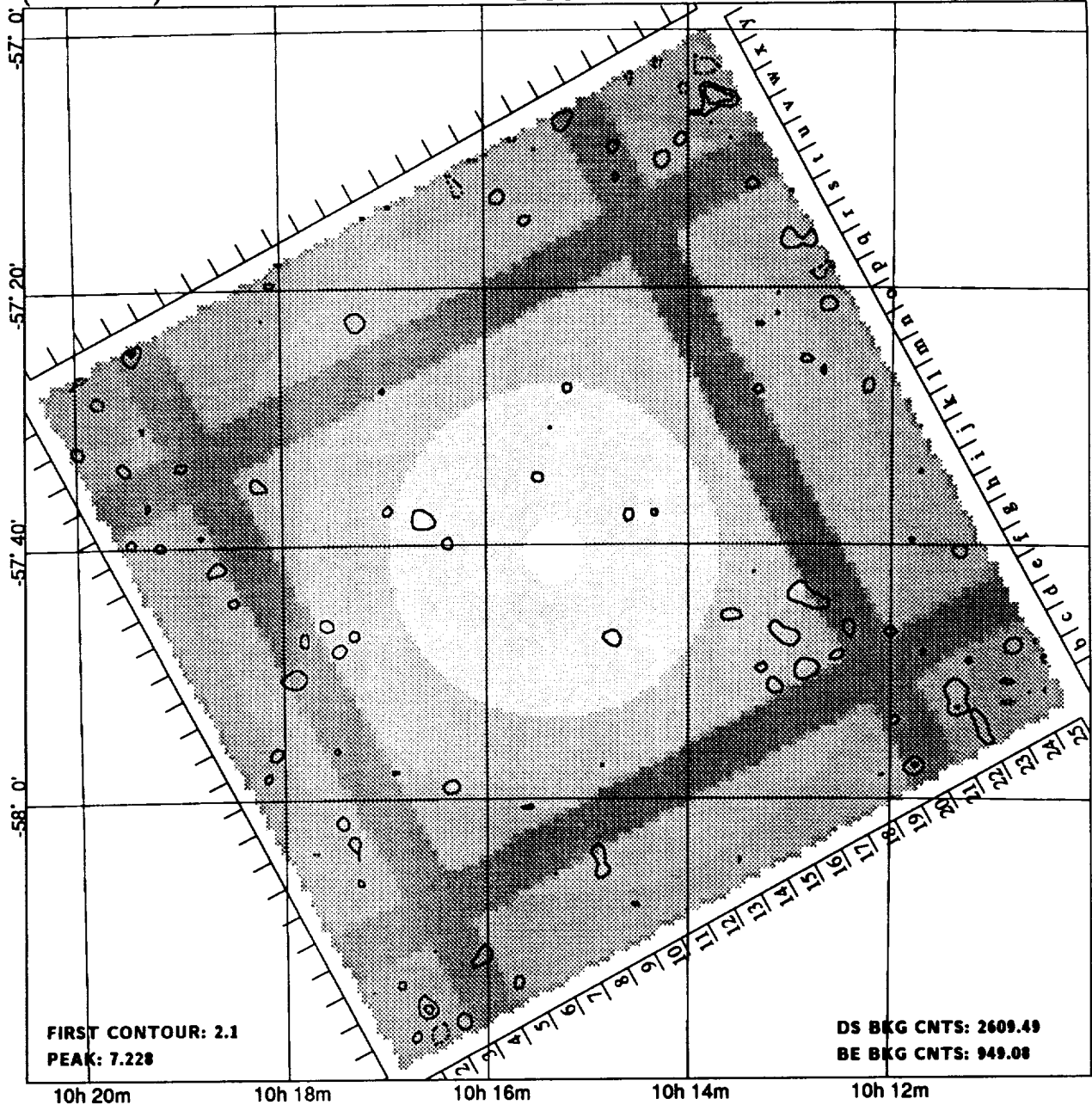
NH: $5.2E+20$
 REF/ID:
 FIELD FLAGS:

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)



FIRST CONTOUR: 2.1
PEAK: 7.228

DS BKG CNTS: 2609.49
BE BKG CNTS: 949.08

FILAMENTARY NEBULAE: HD89358/N3199

FIELD CENTER: $10^h 15^m 17.0^s$ $-57^\circ 39' 59''$ (B1950)
 $10^h 17^m 04.3^s$ $-57^\circ 55' 01''$ (J2000)
 $l: 283.58$ $b: -0.97$

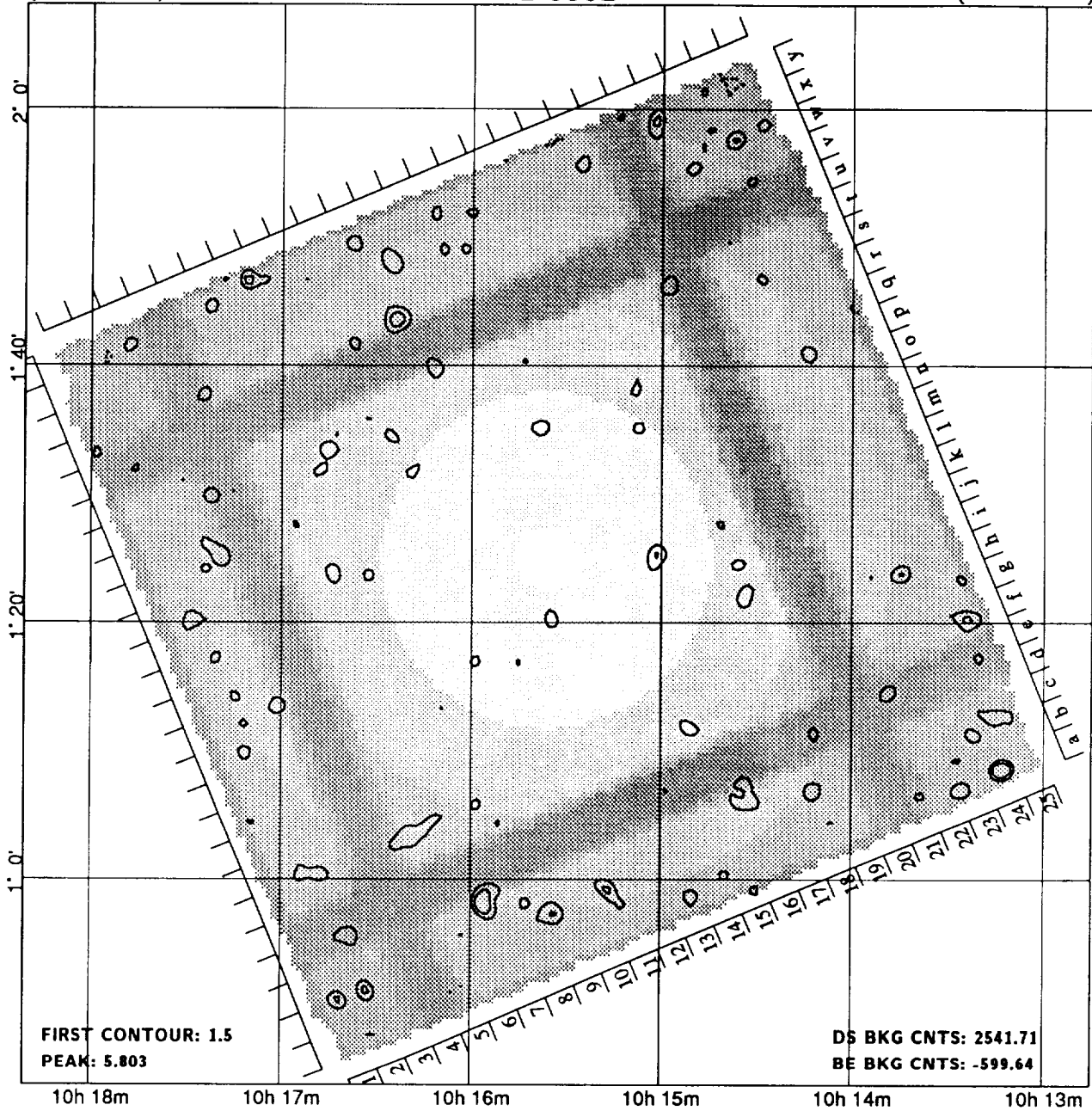
DATE: 1979/350 - 1979/350
LIVETIME: 2114.6s
ROLL ANGLE: -118.4°

NH: $1.5E+21$
REF/ID: S
FIELD FLAGS:

(10h 15m)

I 6802

(10h 15m)



FIELD CENTER: $10^h 15^m 33.0^s$ $01^\circ 25' 59''$ (B1950)
 $10^h 18^m 07.4^s$ $01^\circ 10' 57''$ (J2000)
 l : 241.62 b : 45.03

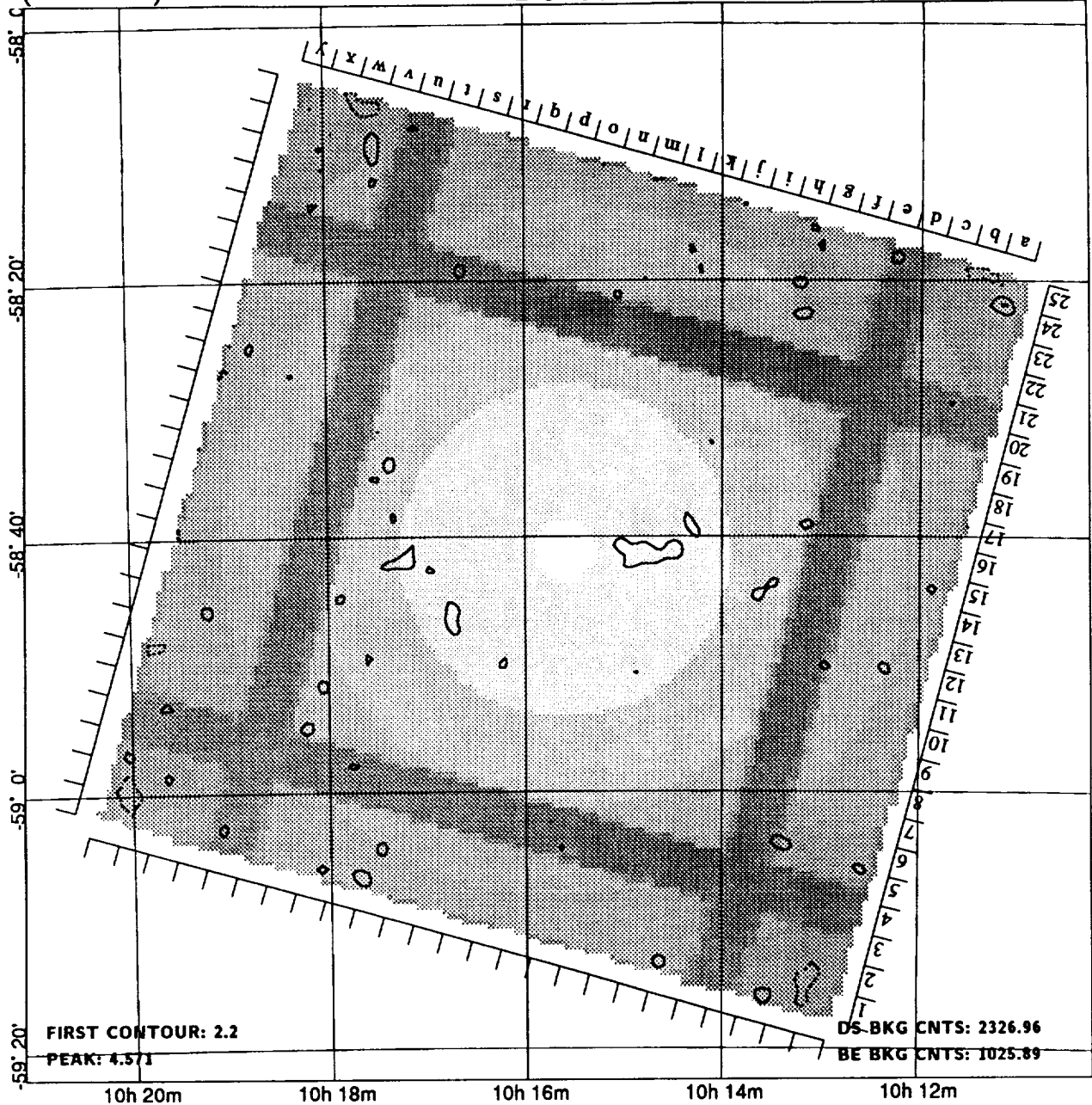
DATE: 1979/341 - 1979/341
 LIVETIME: 2059.6s
 ROLL ANGLE: -112.6°

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

(10h 15m)

I 5288

(10h 15m)



SNR MSH 10-33:SEARCH FOR X-RAYS FROM NON-THERMAL RADIO SOURCES

FIELD CENTER: $10^h 15^m 40.0^s$ $-58^\circ 40' 29''$ (B1950)
 $10^h 17^m 25.6^s$ $-58^\circ 55' 31''$ (J2000)
 $l: 284.18$ $b: -1.78$

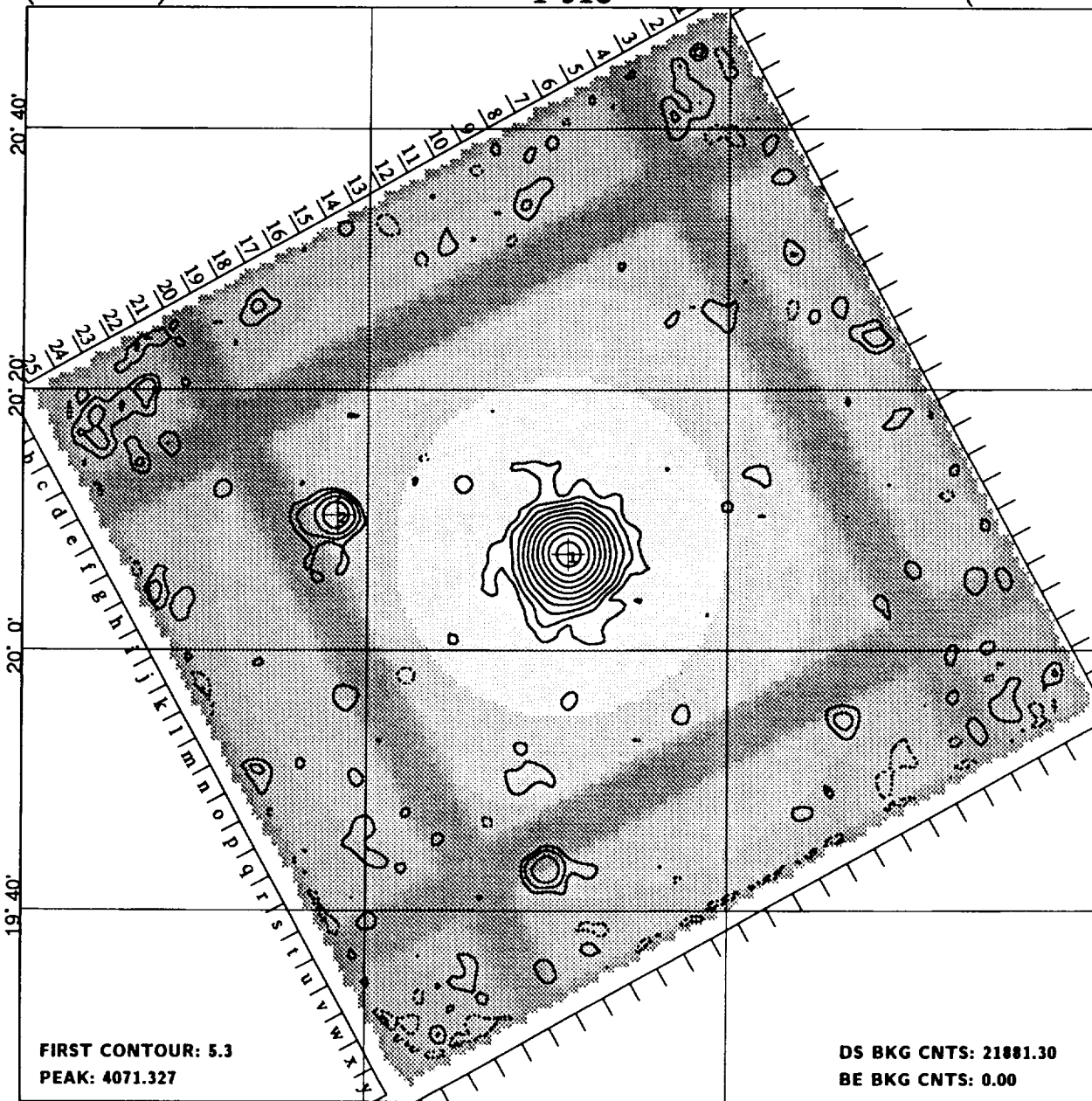
DATE: 1980/ 36 - 1980/ 36
 LIVETIME: 1885.6s
 ROLL ANGLE: -164.4°

NH: $1.5E+21$
 REF/ID:
 FIELD FLAGS:

(10h 16m)

I 913

(10h 16m)



AD LEO (GLS388) STELLAR OBSERVATIONS, VARIABLE STARS

FIELD CENTER: $10^h 16^m 55.5^s$ $20^\circ 07' 17''$ (B1950)
 $10^h 19^m 39.7^s$ $19^\circ 52' 12''$ (J2000)
 $l: 216.46$ $b: 54.59$

DATE: 1980/134 - 1980/136
 LIVETIME: 17731.1s
 ROLL ANGLE: 61.2°

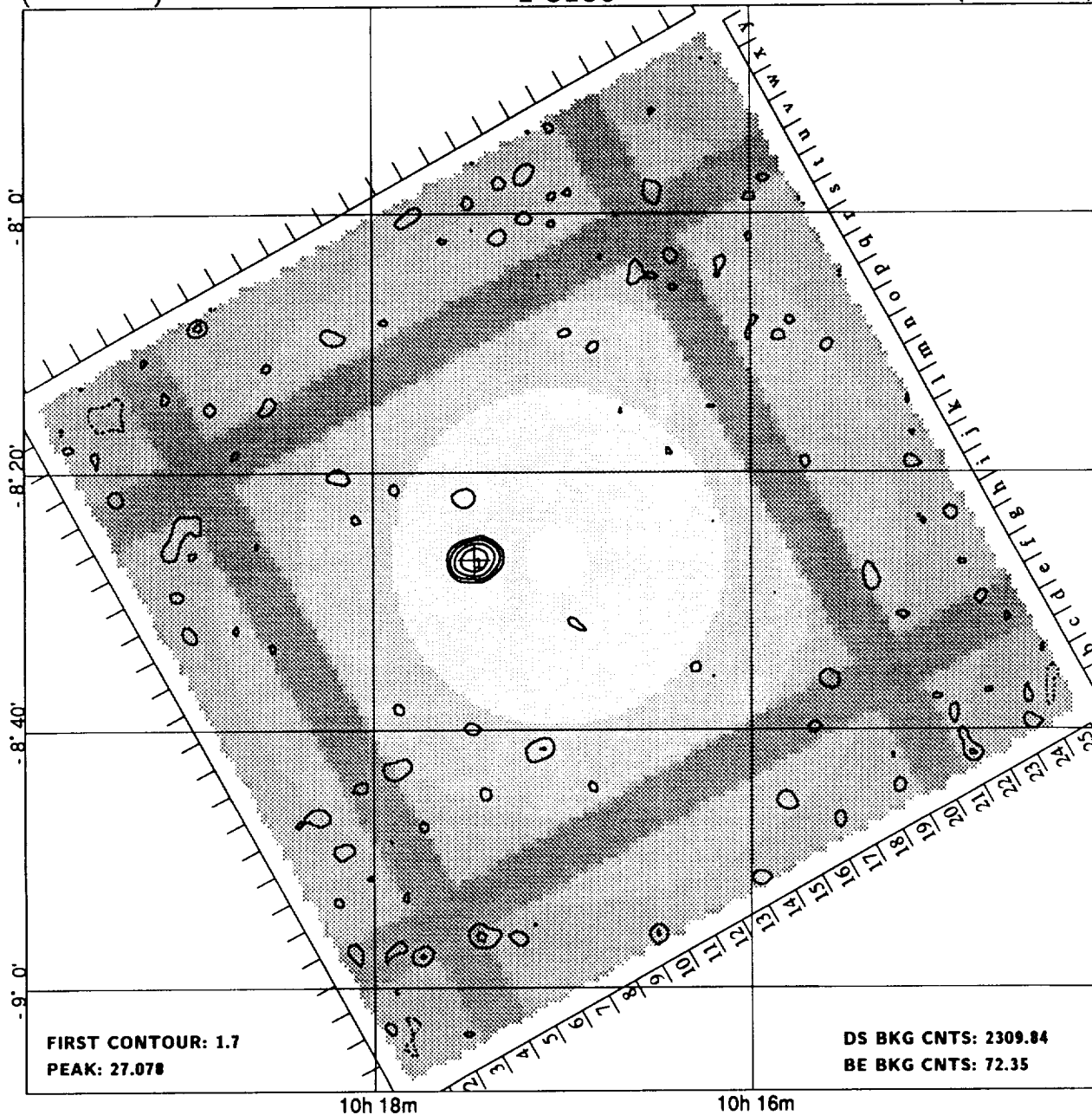
NH: $2.4E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $10^{\text{h}}17^{\text{m}}00.0^{\text{s}}$ $-08^{\circ}25'59''$ (B1950)
 $10^{\text{h}}19^{\text{m}}29.4^{\text{s}}$ $-08^{\circ}41'04''$ (J2000)
 $l: 251.76$ $b: 38.65$

DATE: 1979/336 - 1979/336
 LIVETIME: 1871.7s
 ROLL ANGLE: -119.0°

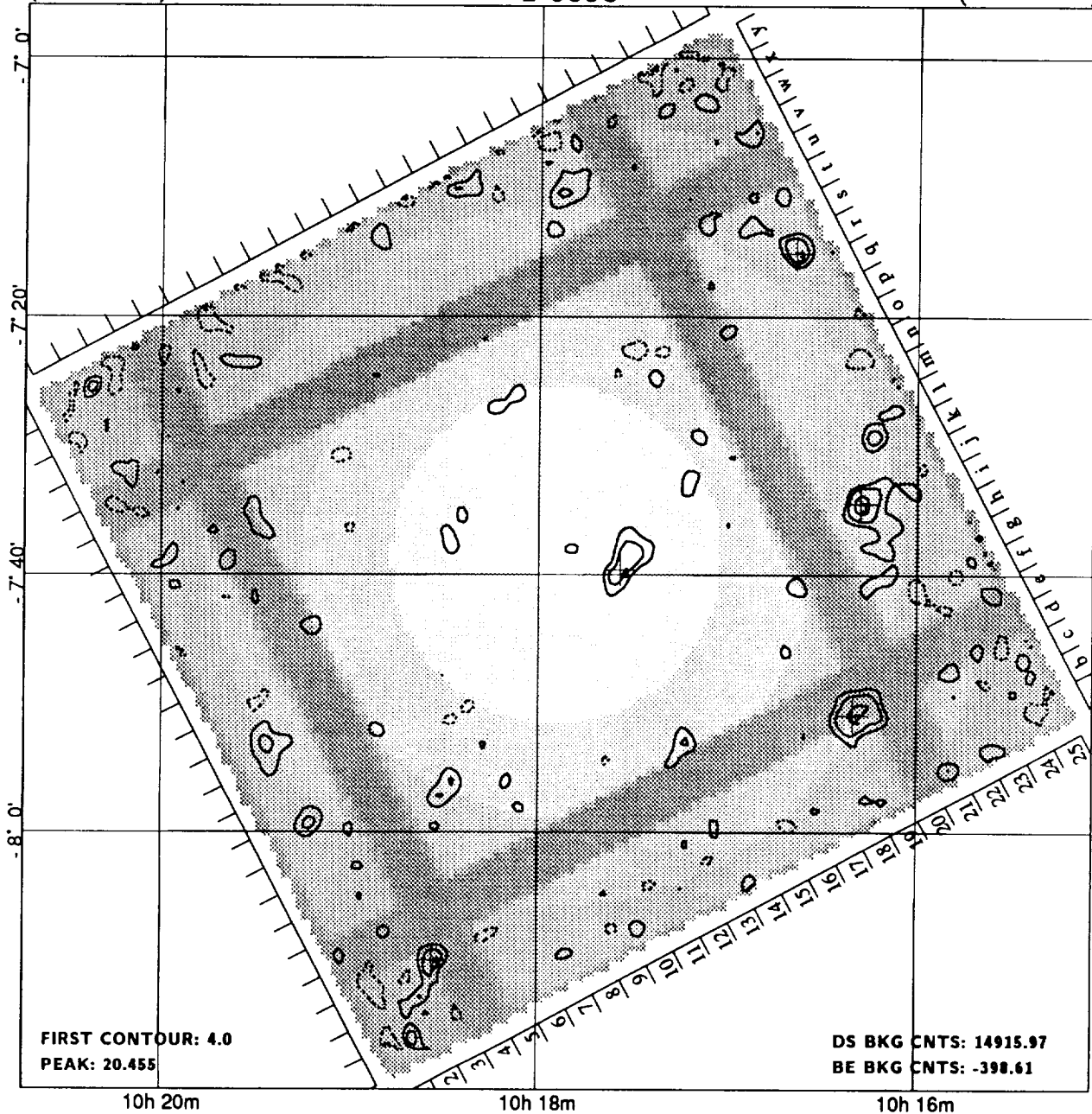
NH: $4.7\text{E}+20$
 REF/ID: CV
 FIELD FLAGS:

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

(10h 17m)

I 6098

(10h 17m)



A 979, DETAILED STUDY OF NEARBY CLUSTERS

FIELD CENTER: $10^h 17^m 54.0^s -07^\circ 37' 59''$ (B1950)
 $10^h 20^m 23.8^s -07^\circ 53' 06''$ (J2000)
 $l: 251.24 \quad b: 39.38$

DATE: 1980/354 - 1980/355
 LIVETIME: 12086.9s
 ROLL ANGLE: -117.9°

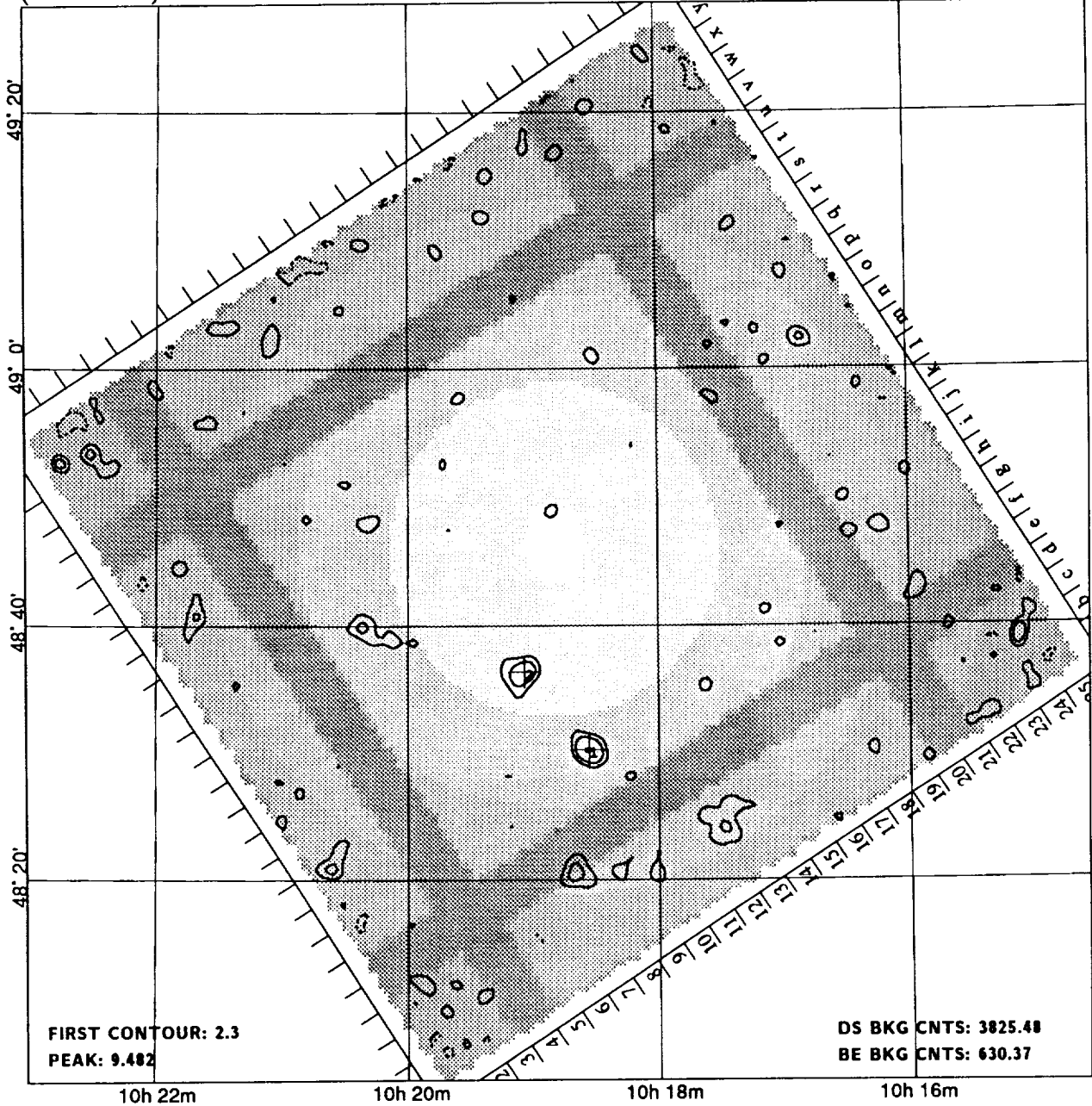
NH: $4.6E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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)



FIRST CONTOUR: 2.3
PEAK: 9.482

DS BKG CNTS: 3825.48
BE BKG CNTS: 630.37

POOR ZWICKY CLUSTER: 1017+487

FIELD CENTER: $10^{\text{h}}18^{\text{m}}48.0^{\text{s}}\ 48^{\circ}46'29''$ (B1950)
 $10^{\text{h}}21^{\text{m}}53.7^{\text{s}}\ 48^{\circ}31'21''$ (J2000)
 $l: 166.23\ b: 54.10$

DATE: 1979/302 - 1979/302
LIVETIME: 3099.9s
ROLL ANGLE: -123.0°

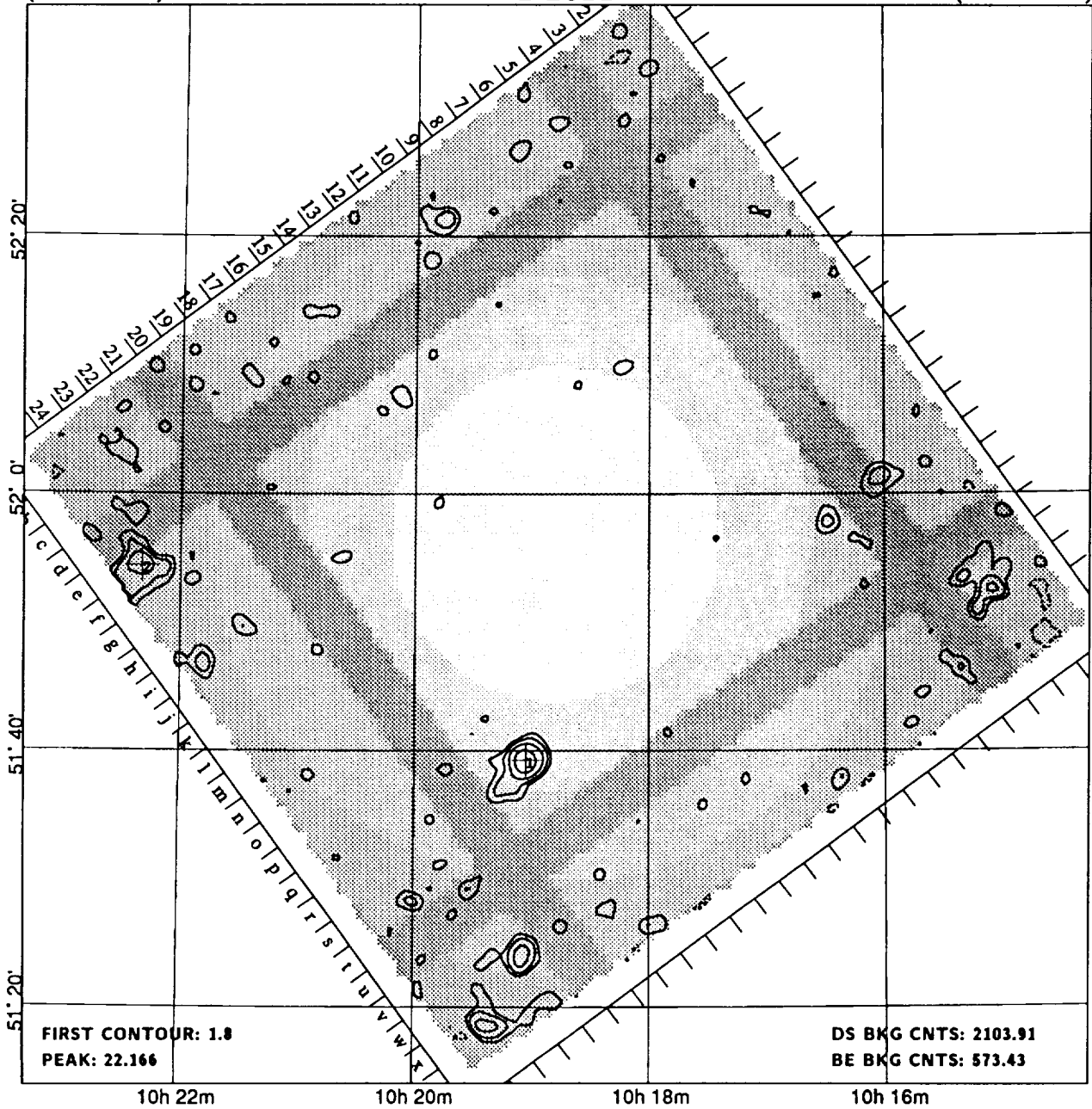
NH: $1.2\text{E}+20$
REF/ID: G
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^{\text{h}}18^{\text{m}}48.0^{\text{s}}$ $51^{\circ}55'59''$ (B1950)
 $10^{\text{h}}21^{\text{m}}57.5^{\text{s}}$ $51^{\circ}40'50''$ (J2000)
 $l: 161.41$ $b: 52.78$

DATE: 1980/111 - 1980/111
 LIVETIME: 1766.1s
 ROLL ANGLE: 53.7°

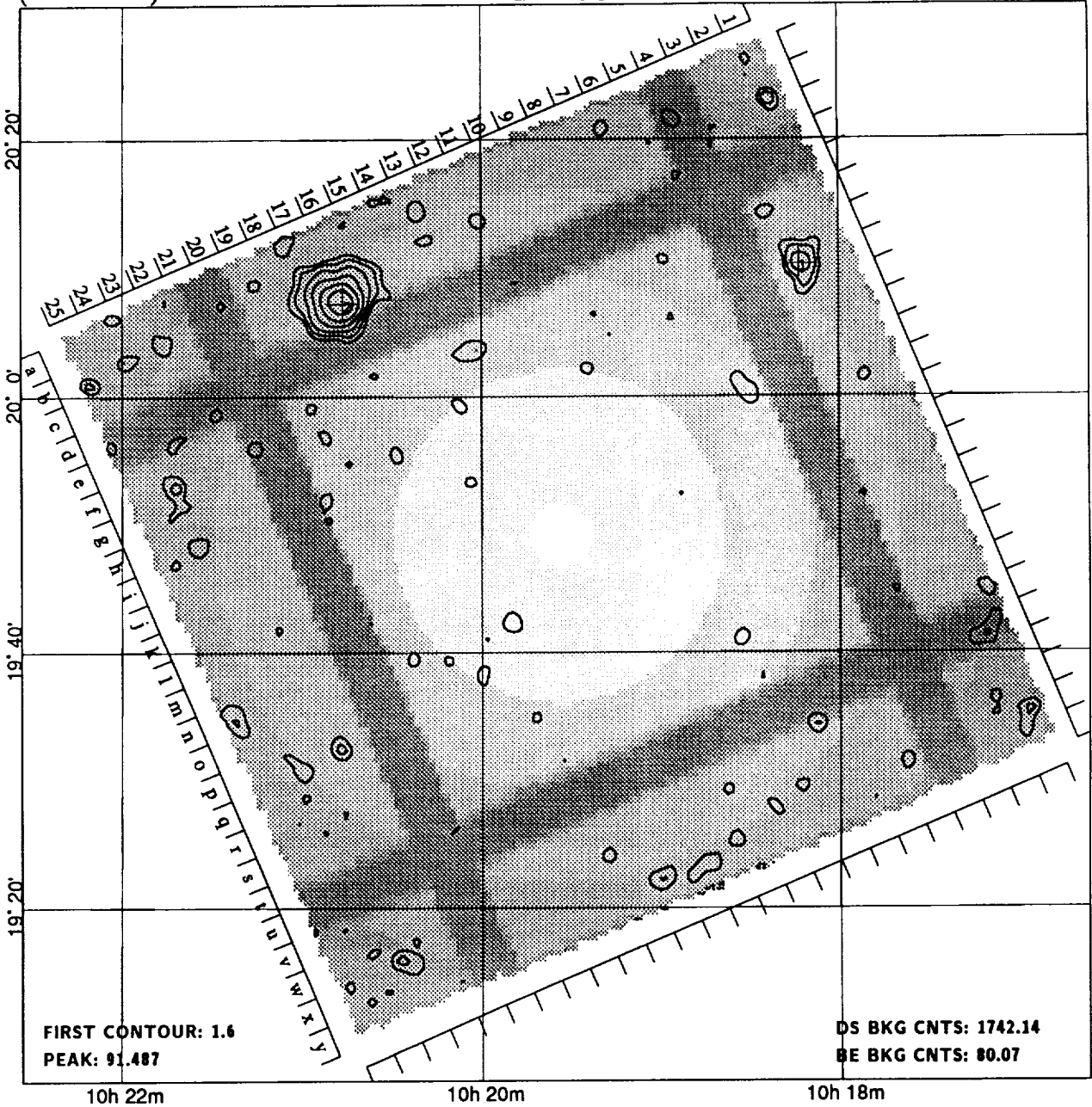
NH: $9.5\text{E}+19$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^h 19^m 35.0^s$ $19^\circ 48' 35''$ (B1950)
 $10^h 22^m 18.7^s$ $19^\circ 33' 25''$ (J2000)
 $l: 217.34$ $b: 55.08$

DATE: 1980/131 - 1980/131
 LIVETIME: 1462.4s
 ROLL ANGLE: 67.1°

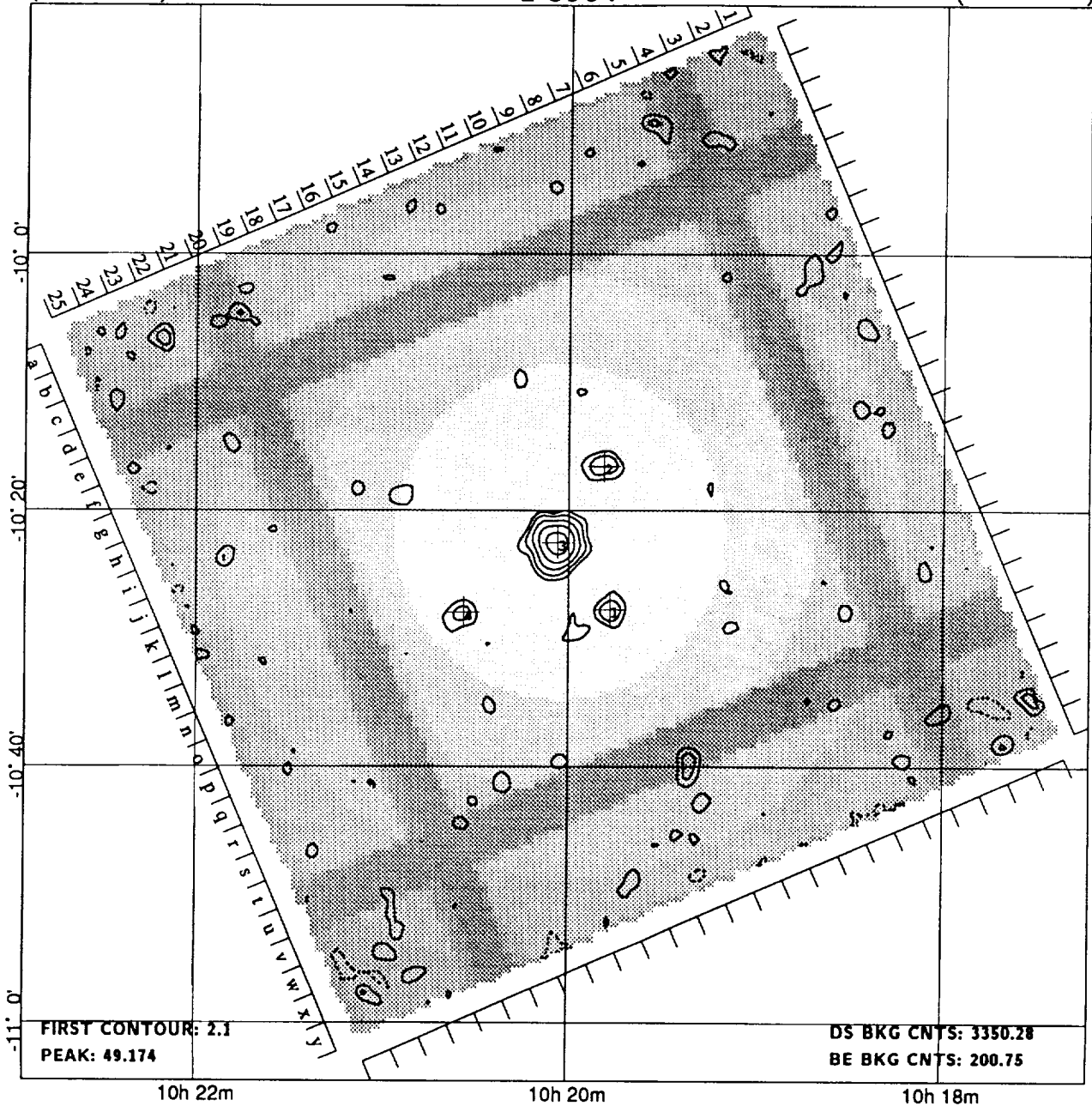
NH: $2.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $10^{\text{h}}20^{\text{m}}04.1^{\text{s}}$ $-10^{\circ}22'31''$ (B1950)
 $10^{\text{h}}22^{\text{m}}32.7^{\text{s}}$ $-10^{\circ}37'42''$ (J2000)
 $l: 254.16$ $b: 37.76$

DATE: 1980/155 - 1980/155
 LIVETIME: 2714.8s
 ROLL ANGLE: 66.7°

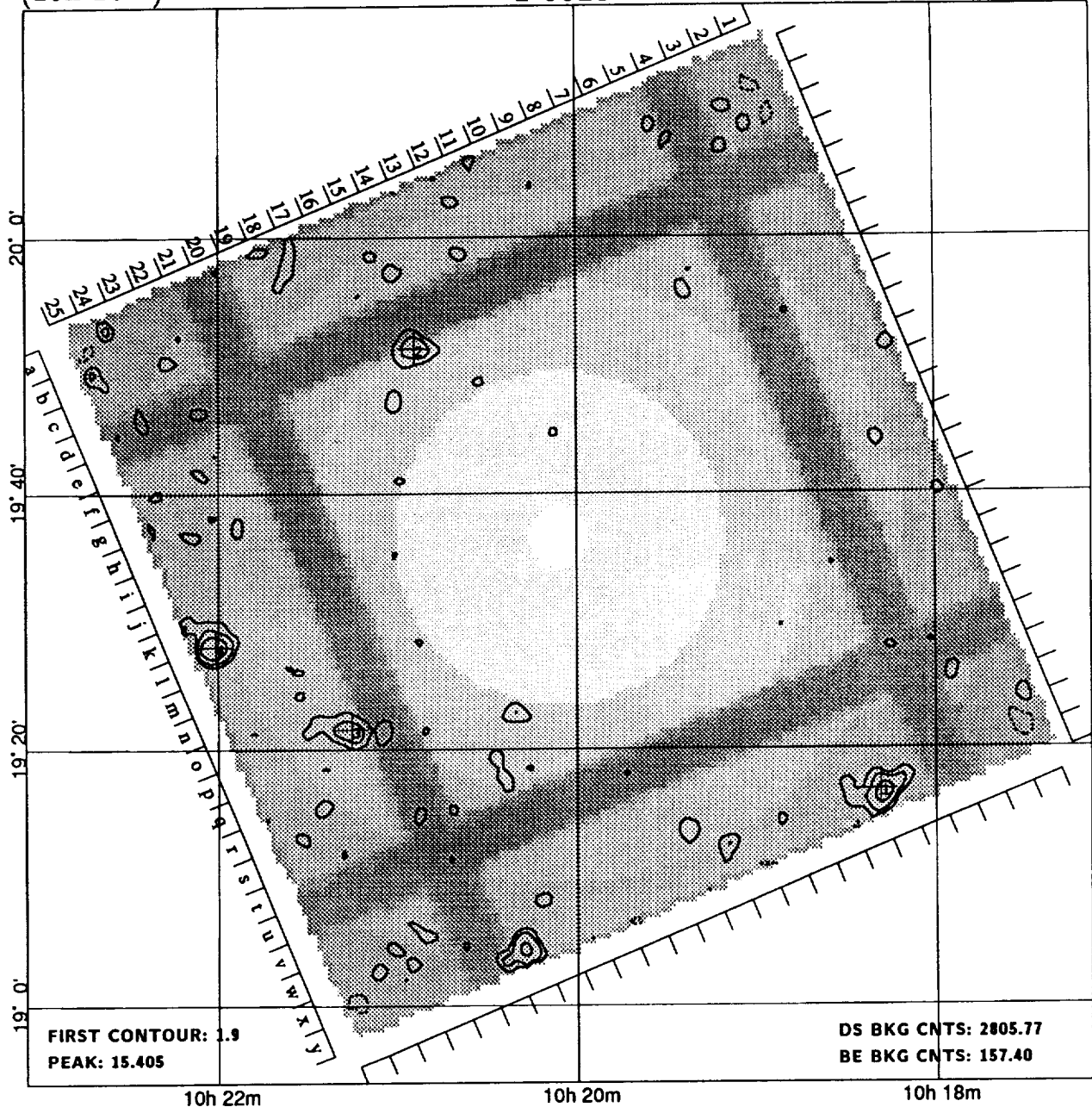
NH: $4.8\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $10^h 20^m 06.0^s$ $19^\circ 35' 59''$ (B1950)
 $10^h 22^m 49.6^s$ $19^\circ 20' 48''$ (J2000)
 $l: 217.75$ $b: 55.12$

DATE: 1980/134 - 1980/134
 LIVETIME: 2273.6s
 ROLL ANGLE: 67.5°

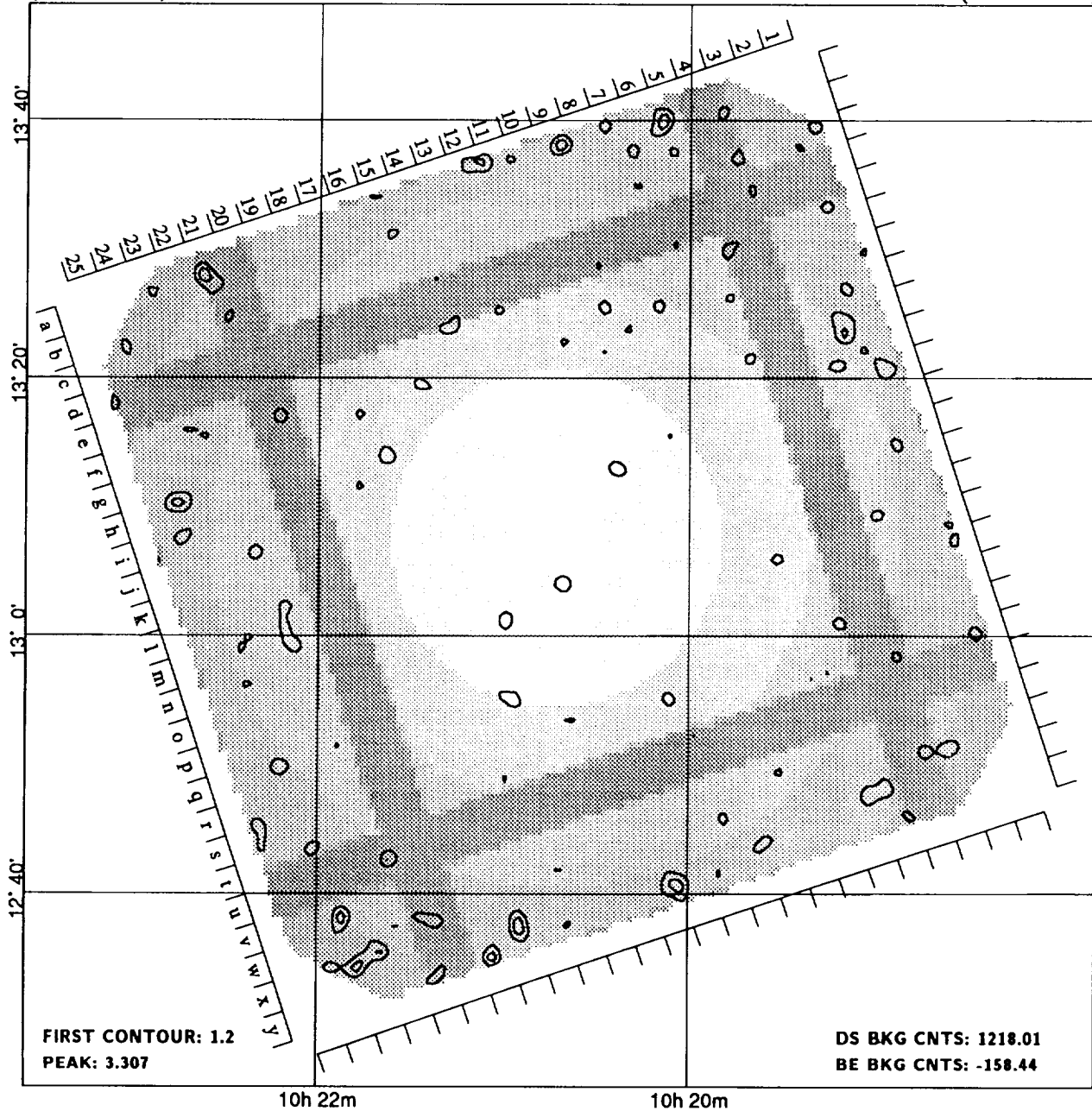
NH: $2.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(10h 20m)

I 177

(10h 20m)



A999 CLUSTER SURFACE BRIGHTNESS

FIELD CENTER: $10^h 20^m 42.0^s$ $13^\circ 06' 57''$ (B1950)
 $10^h 23^m 22.1^s$ $12^\circ 51' 45''$ (J2000)
 $l: 227.89$ $b: 52.59$

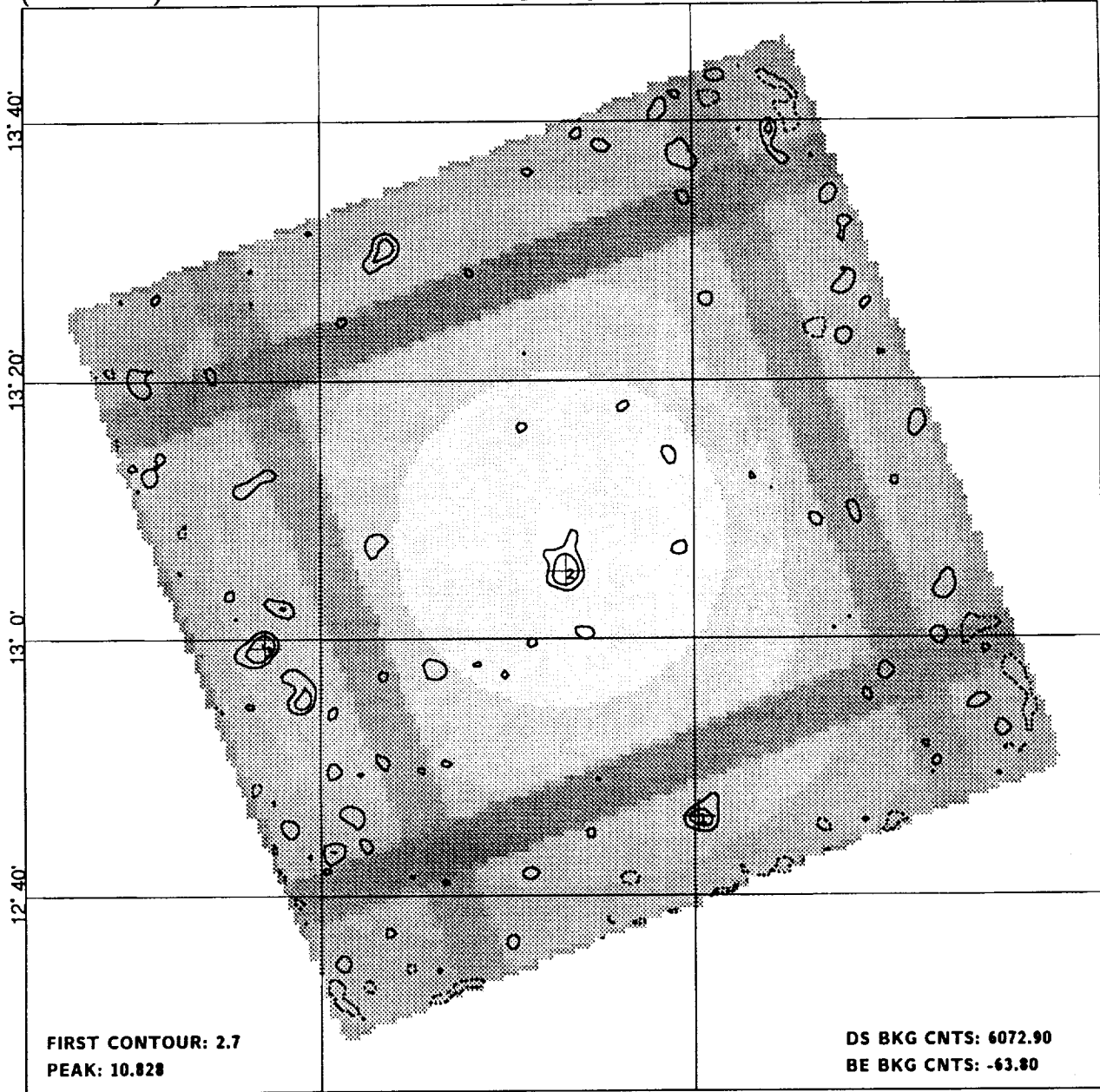
DATE: 1979/140 - 1979/140
LIVETIME: 987.0s
ROLL ANGLE: 71.6°

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

(10h 20m)

I 7700

(10h 20m)



FIRST CONTOUR: 2.7
PEAK: 10.828

DS BKG CNTS: 6072.90
BE BKG CNTS: -63.80

10h 22m

10h 20m

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

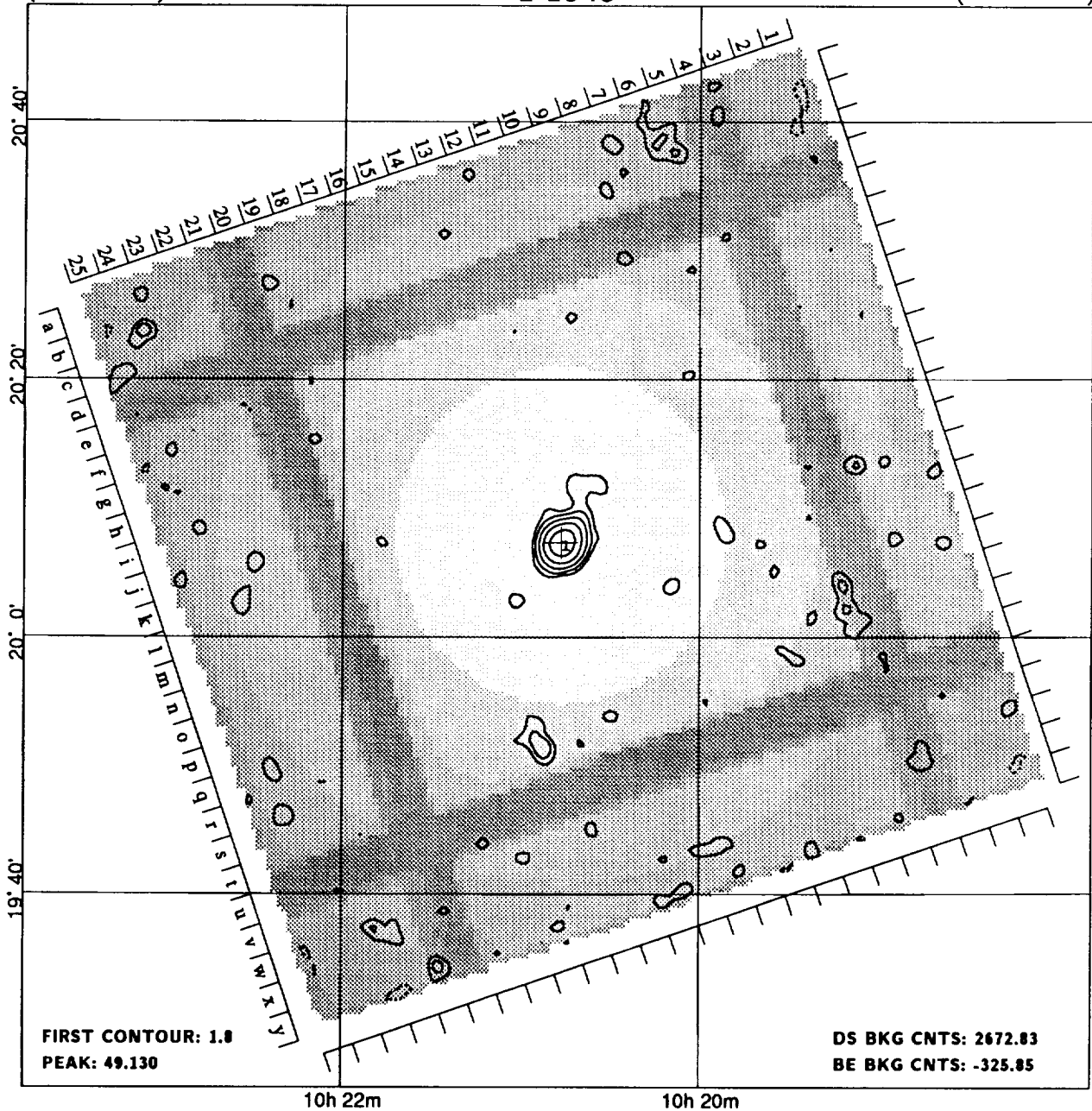
NH: 3.9E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(10h 20m)

I 1945

(10h 20m)



NGC 3227: SEYFERT AND N-TYPE GALAXIES

FIELD CENTER: $10^h 20^m 48.0^s$ $20^\circ 06' 59''$ (B1950)
 $10^h 23^m 31.8^s$ $19^\circ 51' 47''$ (J2000)
 $l: 217.00$ $b: 55.45$

DATE: 1979/140 - 1979/140
LIVETIME: 2165.9s
ROLL ANGLE: 71.4°

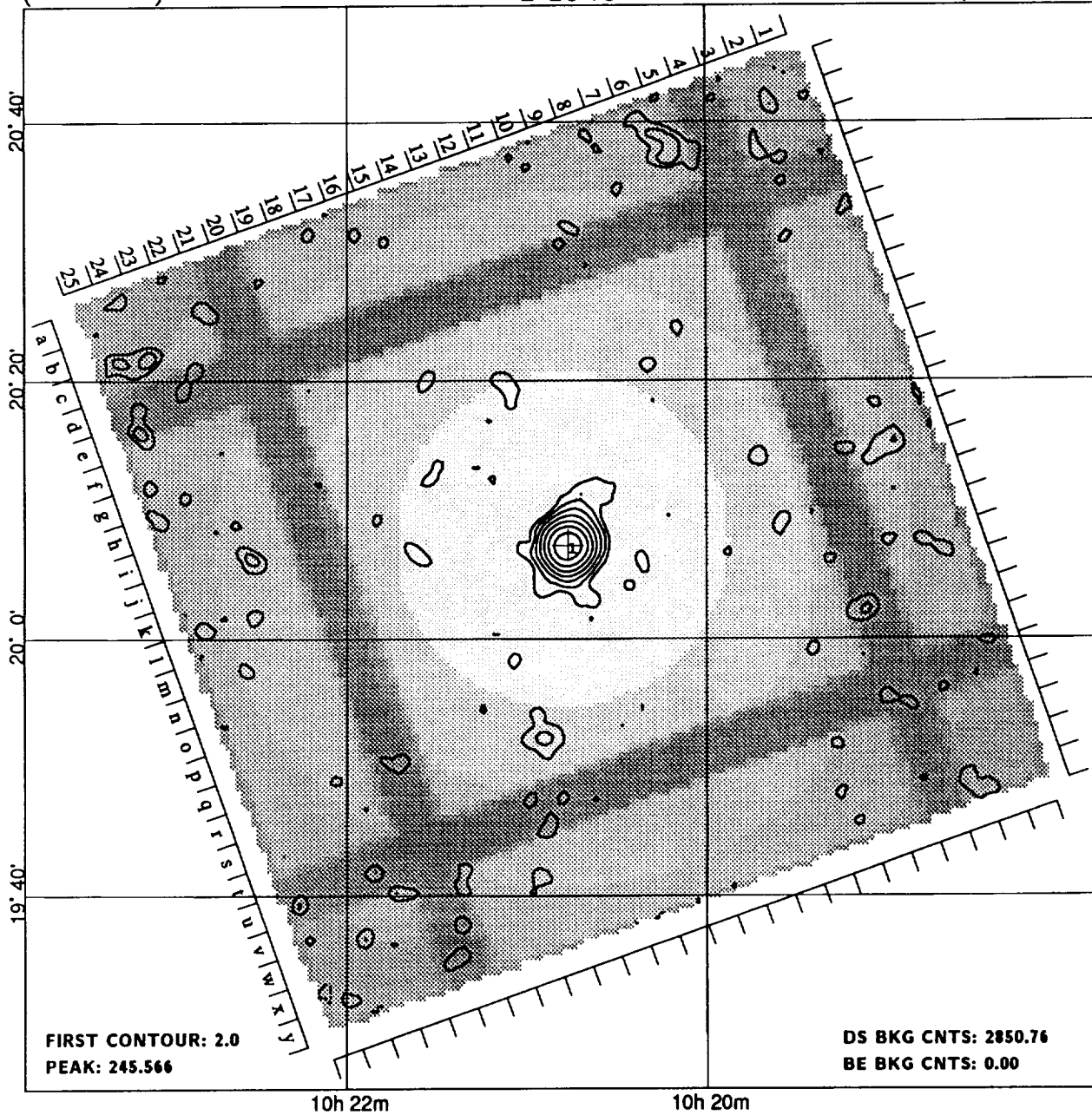
NH: $2.2E+20$
REF/ID:
FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
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: $10^h 20^m 48.0^s$ $20^\circ 06' 59''$ (B1950)
 $10^h 23^m 31.8^s$ $19^\circ 51' 47''$ (J2000)
 $l: 217.00$ $b: 55.45$

DATE: 1980/135 - 1980/154
 LIVETIME: 2310.0s
 ROLL ANGLE: 70.6°

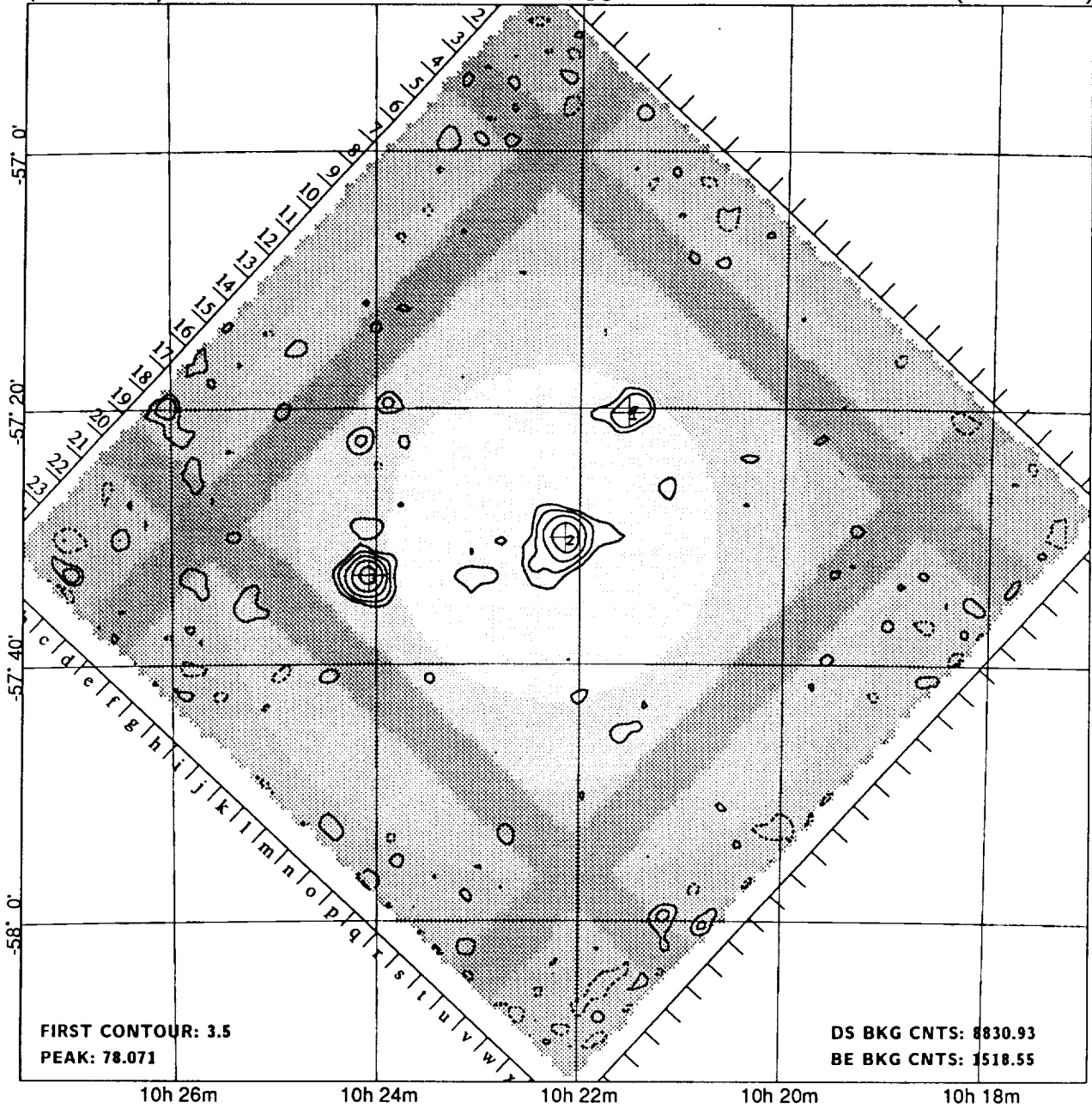
NH: $2.2E+20$
 REF/ID:
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $10^h 22^m 14.4^s -57^\circ 30' 35''$ (B1950)
 $10^h 24^m 04.9^s -57^\circ 45' 49''$ (J2000)
 $l: 284.28 \quad b: -0.33$

DATE: 1980/190 - 1980/190
 LIVETIME: 7156.0s
 ROLL ANGLE: 42.8°

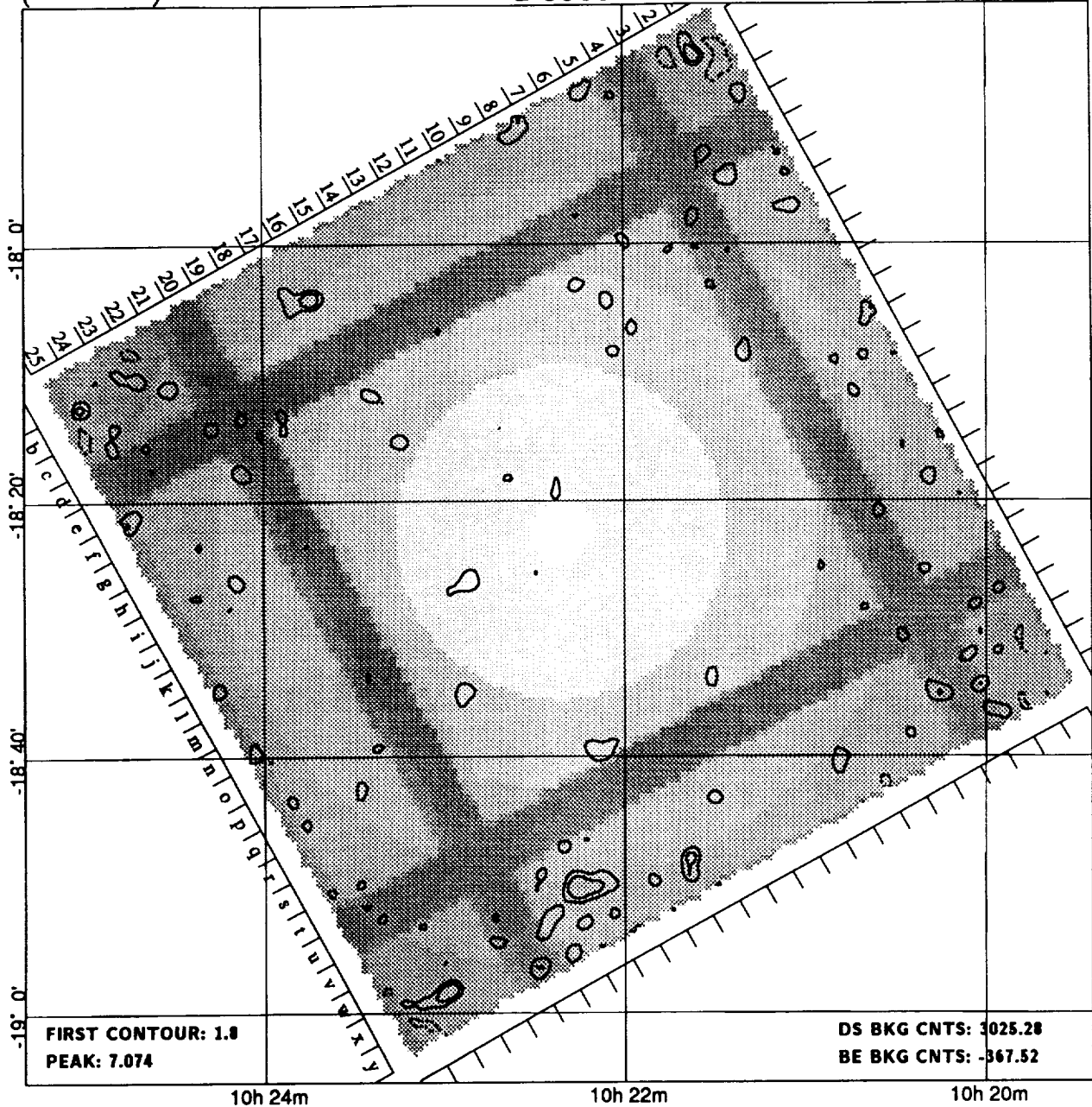
NH: $1.5E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $10^{\text{h}}22^{\text{m}}22.0^{\text{s}}$ $-18^{\circ}23'18''$ (B1950)
 $10^{\text{h}}24^{\text{m}}46.6^{\text{s}}$ $-18^{\circ}38'33''$ (J2000)
 $l: 261.05$ $b: 32.05$

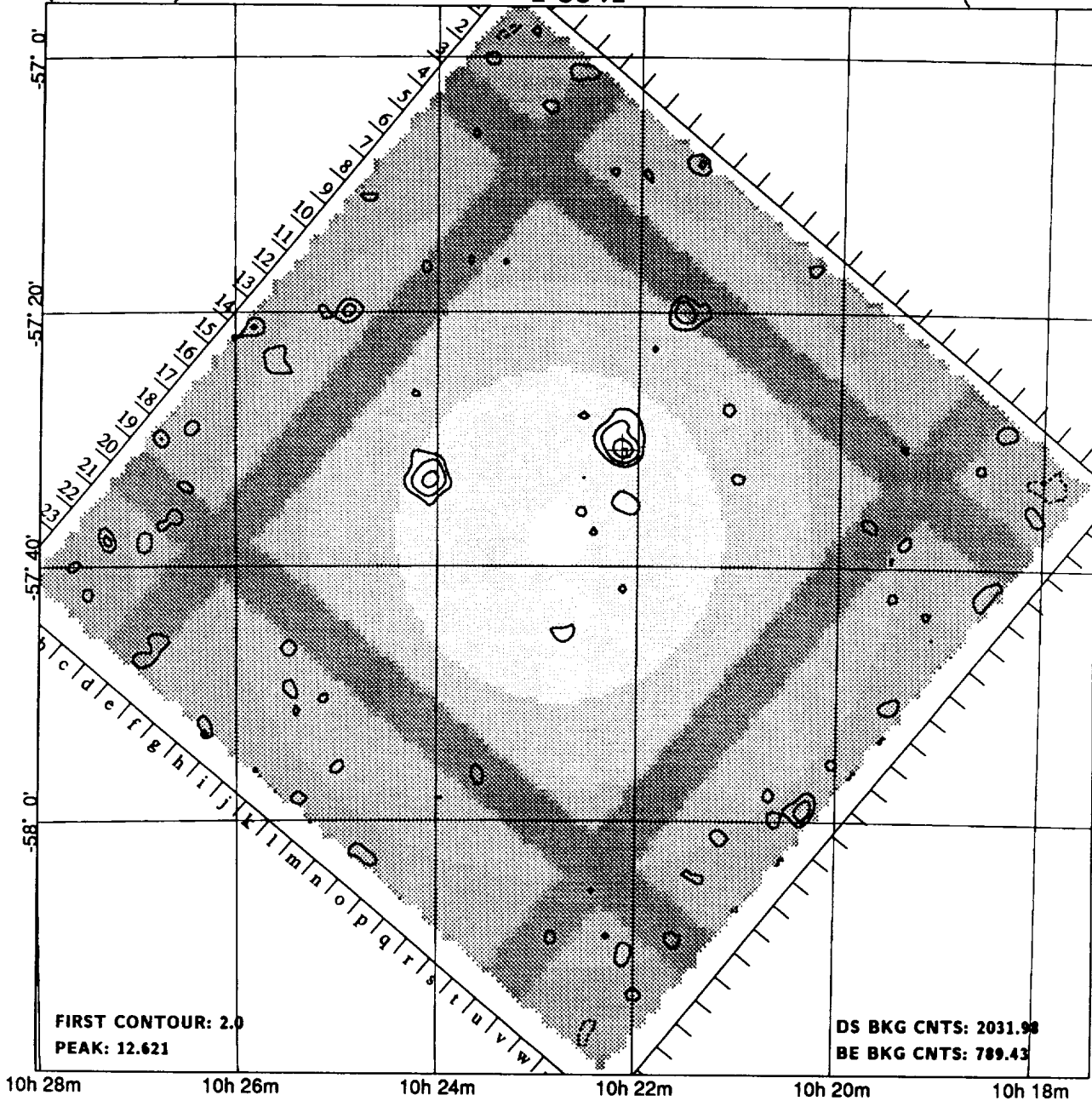
DATE: 1979/168 - 1979/168
LIVETIME: 2451.5s
ROLL ANGLE: 61.3°

NH: $6.8\text{E}+20$
REF/ID:
FIELD FLAGS:

(10h 22m)

I 3341

(10h 22m)



COS-B GAMMA RAY SOURCE REGION E

FIELD CENTER: $10^h 22^m 43.0^s$ $-57^\circ 37' 58''$ (B1950)
 $10^h 24^m 33.5^s$ $-57^\circ 53' 13''$ (J2000)
 $l: 284.40$ $b: -0.40$

DATE: 1979/194 - 1979/194
 LIVETIME: 1646.6s
 ROLL ANGLE: 39.7°

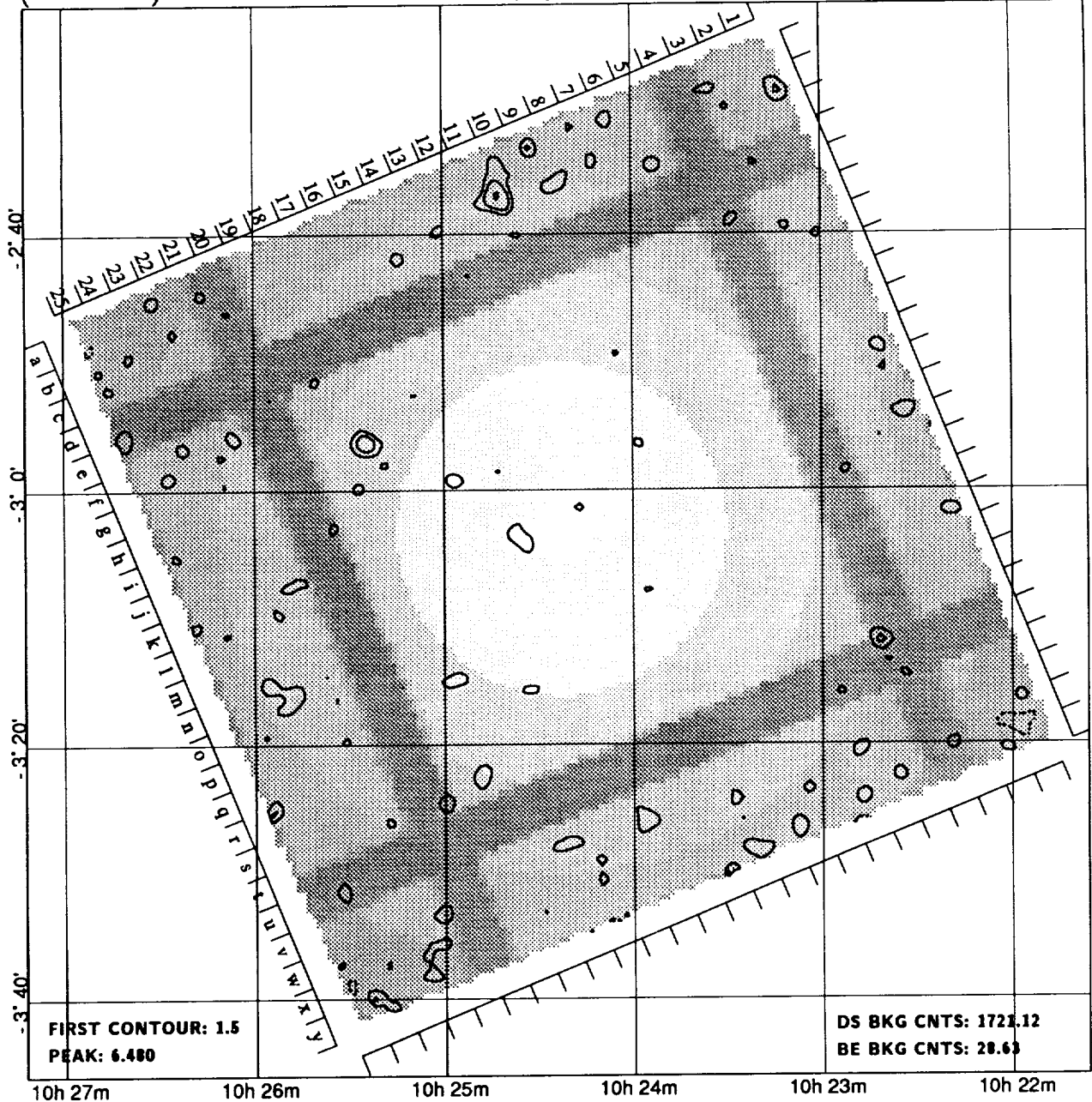
NH: $1.5E+21$
 REF/ID:
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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 25: CD GALAXIES IN POOR CLUSTERS

FIELD CENTER: $10^{\text{h}}24^{\text{m}}24.0^{\text{s}} -03^{\circ}03'59''$ (B1950)
 $10^{\text{h}}26^{\text{m}}56.2^{\text{s}} -03^{\circ}19'18''$ (J2000)
 $l: 248.40 \quad b: 43.73$

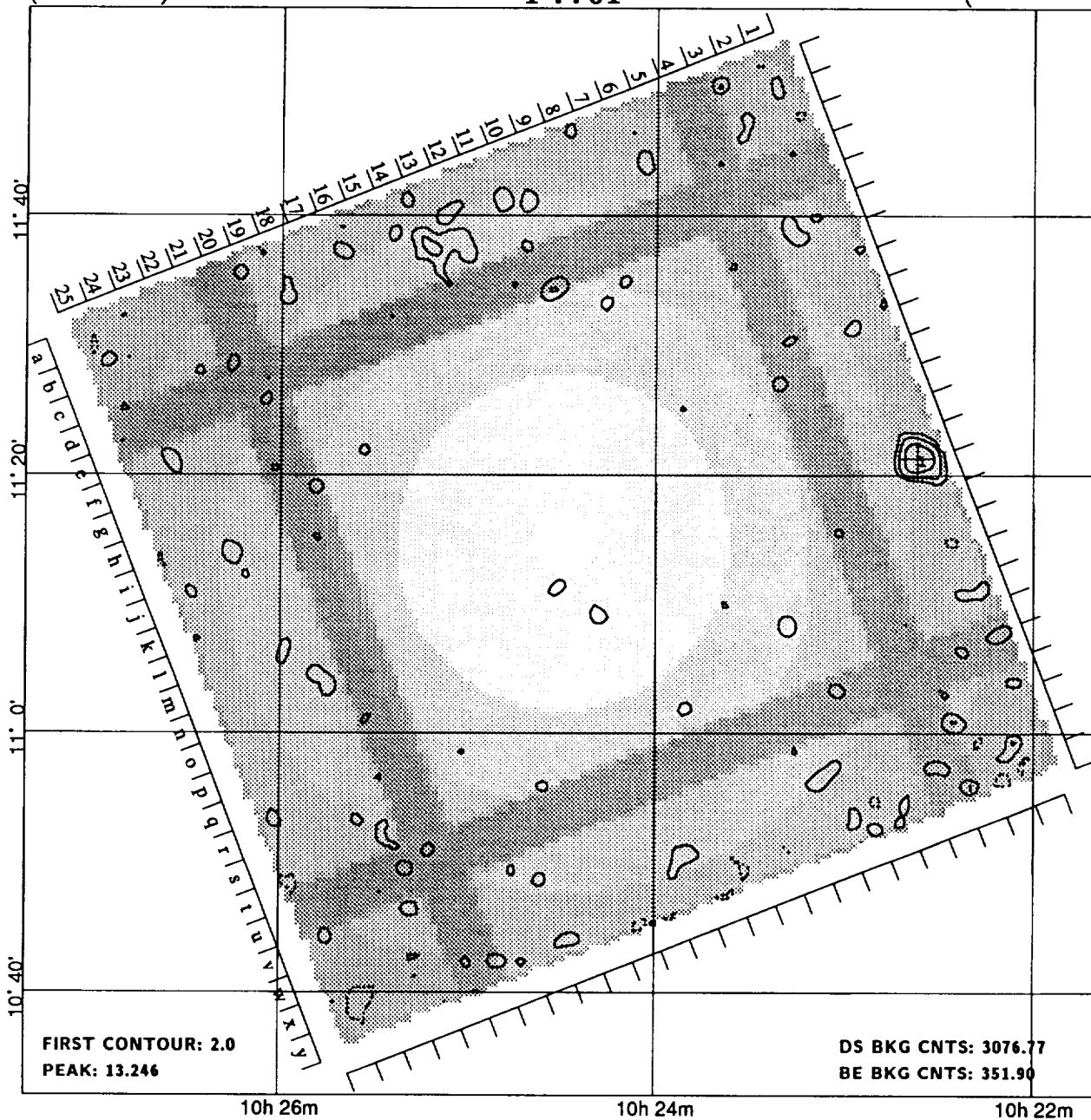
DATE: 1980/152 - 1980/153
 LIVETIME: 1394.7s
 ROLL ANGLE: 67.8°

NH: $4.4\text{E}+20$
 REF/ID: !
 FIELD FLAGS:

(10h 24m)

I 7701

(10h 24m)



ABELL 1016, CLUSTERS OF GALAXIES

FIELD CENTER: $10^h 24^m 30.0^s$ $11^\circ 13' 59''$ (B1950)
 $10^h 27^m 09.0^s$ $10^\circ 58' 41''$ (J2000)
 $l: 231.34$ $b: 52.47$

DATE: 1980/153 - 1980/153
 LIVETIME: 2493.2s
 ROLL ANGLE: 68.7°

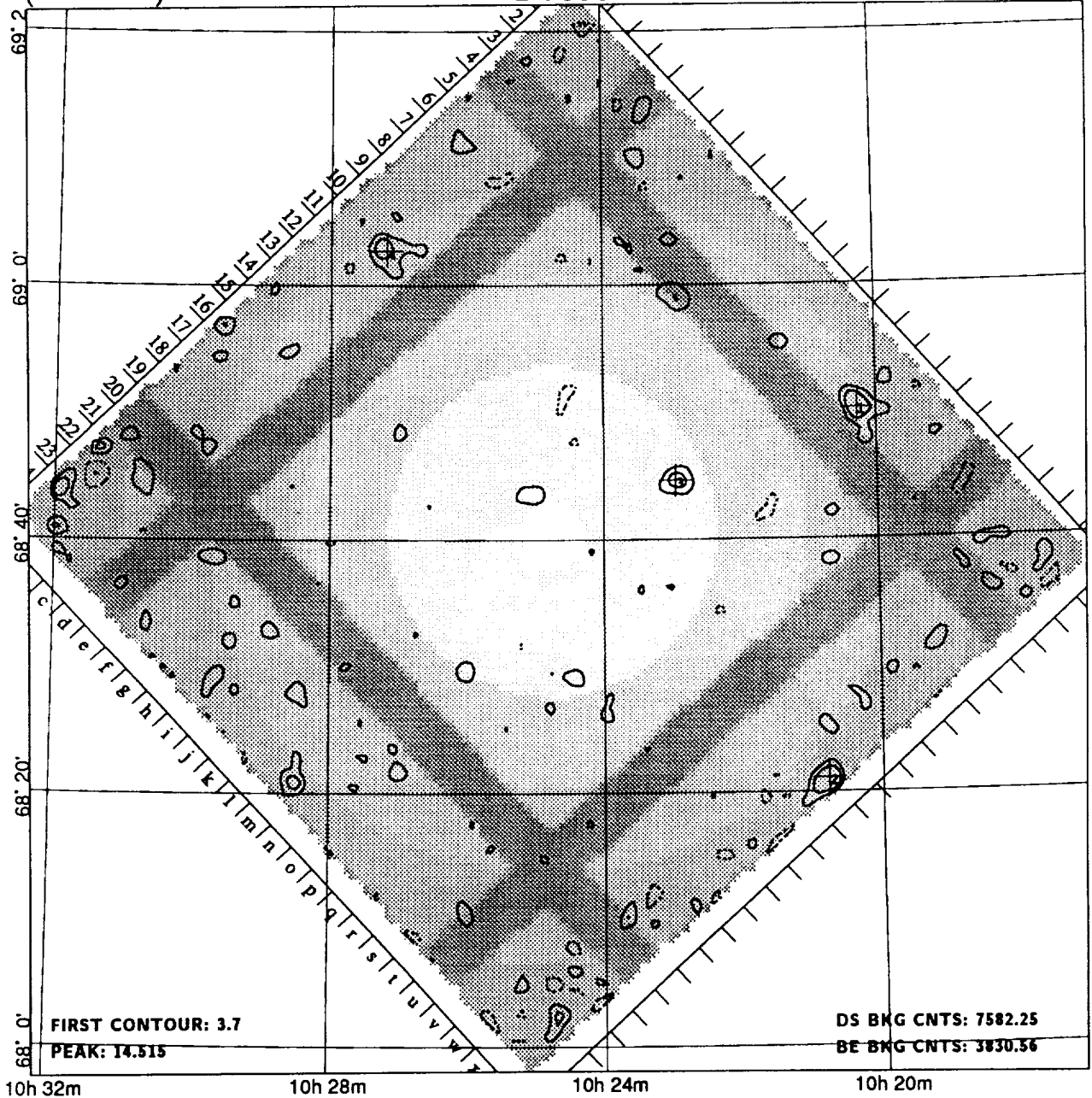
NH: $3.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(10h 24m)

I 7050

(10h 24m)



I 2574, LATE GALAXY SURVEY

FIELD CENTER: $10^{\text{h}}24^{\text{m}}40.0^{\text{s}}$ $68^{\circ}40'05''$ (B1950)
 $10^{\text{h}}28^{\text{m}}21.1^{\text{s}}$ $68^{\circ}24'46''$ (J2000)
 $l: 140.21$ $b: 43.60$

DATE: 1980/111 - 1980/111
 LIVETIME: 6144.1s
 ROLL ANGLE: 47.5°

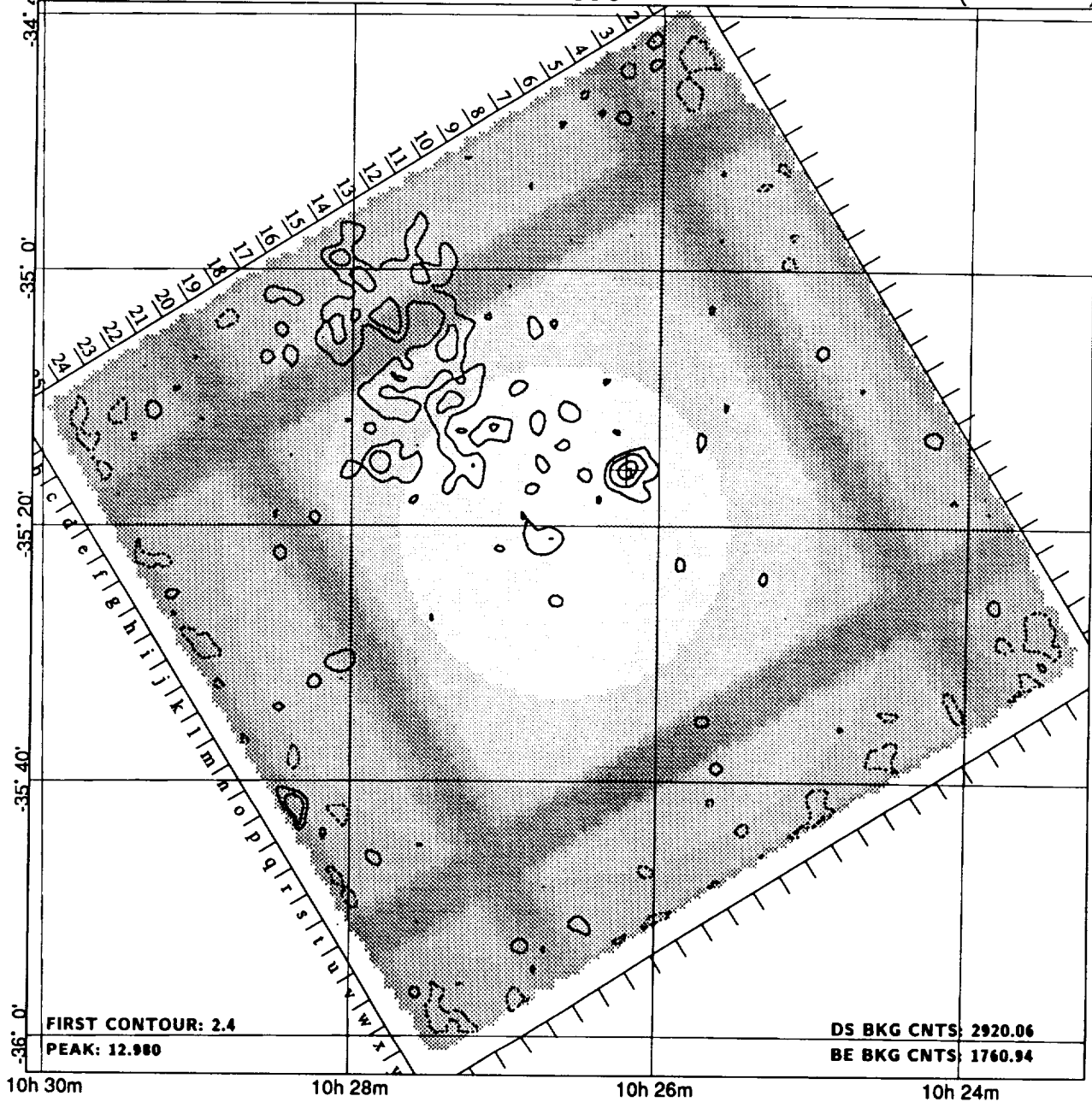
NH: $2.1\text{E}+20$
 REF/ID: I
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^{\text{h}}26^{\text{m}}38.4^{\text{s}}$ $-35^{\circ}21'10''$ (B1950)
 $10^{\text{h}}28^{\text{m}}53.5^{\text{s}}$ $-35^{\circ}36'33''$ (J2000)
 $l: 272.90$ $b: 18.82$

DATE: 1979/171 - 1979/171
 LIVETIME: 2366.2s
 ROLL ANGLE: 58.3°

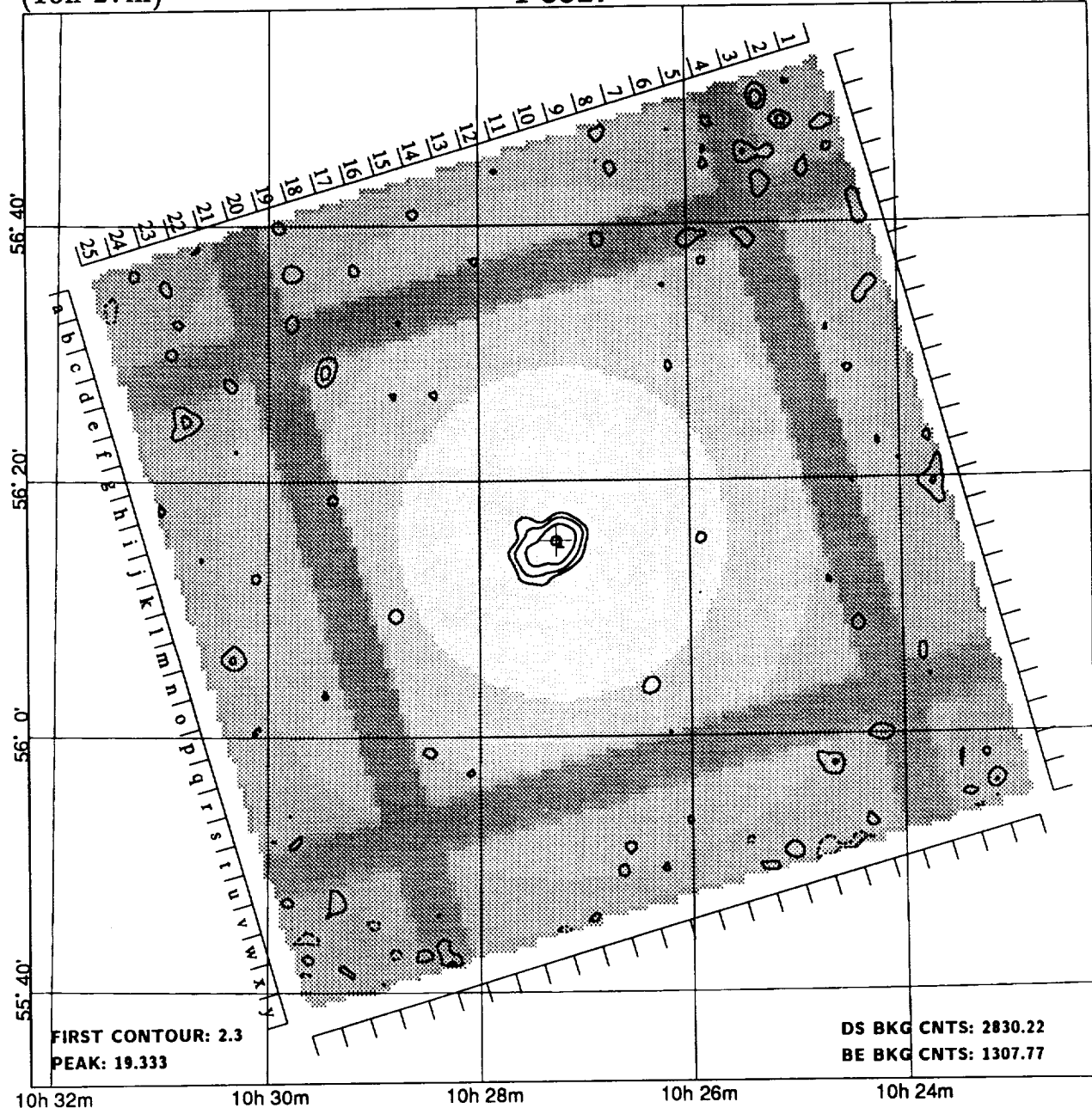
NH: $6.4\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^{\text{h}}27^{\text{m}}14.0^{\text{s}}$ $56^{\circ}14'59''$ (B1950)
 $10^{\text{h}}30^{\text{m}}26.3^{\text{s}}$ $55^{\circ}59'36''$ (J2000)
 $l: 154.30$ $b: 51.67$

DATE: 1980/145 - 1990/145
 LIVETIME: 2293.4s
 ROLL ANGLE: 73.8°

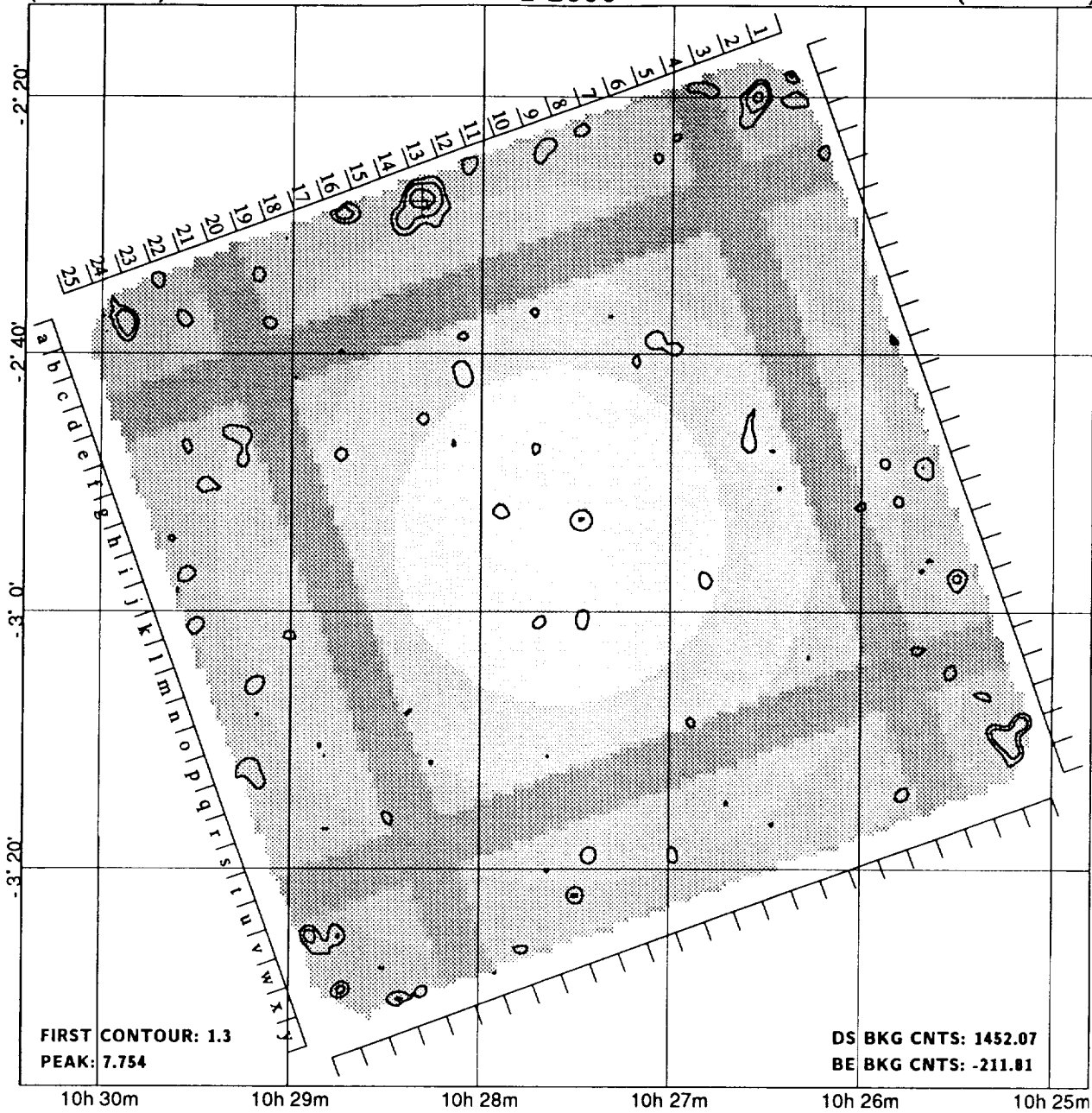
NH: $6.8\text{E}+19$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(10h 27m)

I 2600

(10h 27m)



MKW 2: CD GALAXIES IN POOR CLUSTERS

FIELD CENTER: $10^h 27^m 36.0^s$ $-02^\circ 54' 59''$ (B1950)
 $10^h 30^m 08.3^s$ $-03^\circ 10' 23''$ (J2000)
 $l: 249.01$ $b: 44.41$

DATE: 1979/141 - 1979/141
 LIVETIME: 1176.7s
 ROLL ANGLE: 70.1°

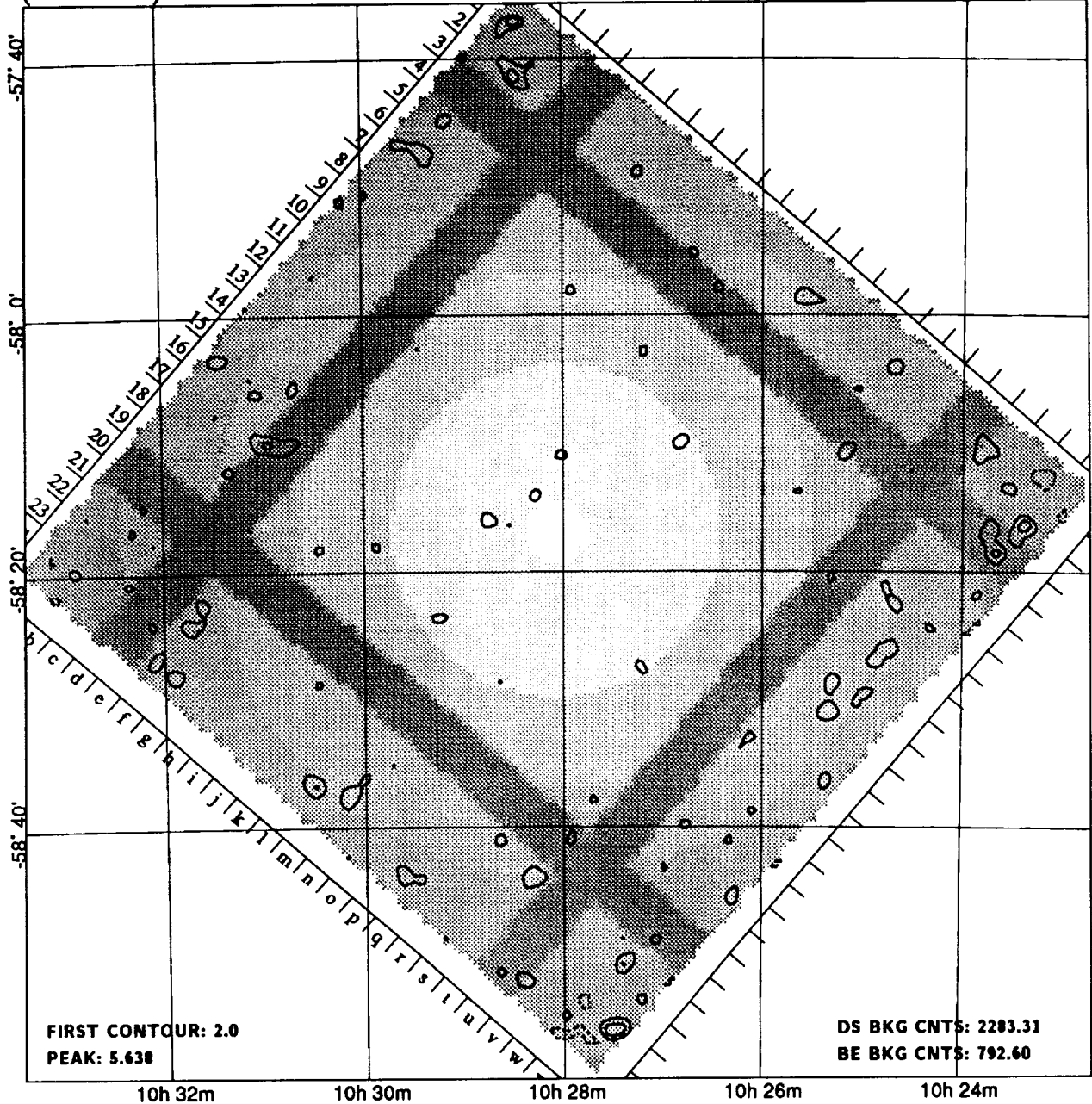
NH: $4.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(10h 28m)

I 3342

(10h 28m)



FIELD CENTER: $10^{\text{h}}28^{\text{m}}03.0^{\text{s}}$ $-58^{\circ}17'42''$ (B1950)
 $10^{\text{h}}29^{\text{m}}54.7^{\text{s}}$ $-58^{\circ}33'06''$ (J2000)
 $l: 285.35$ $b: -0.60$

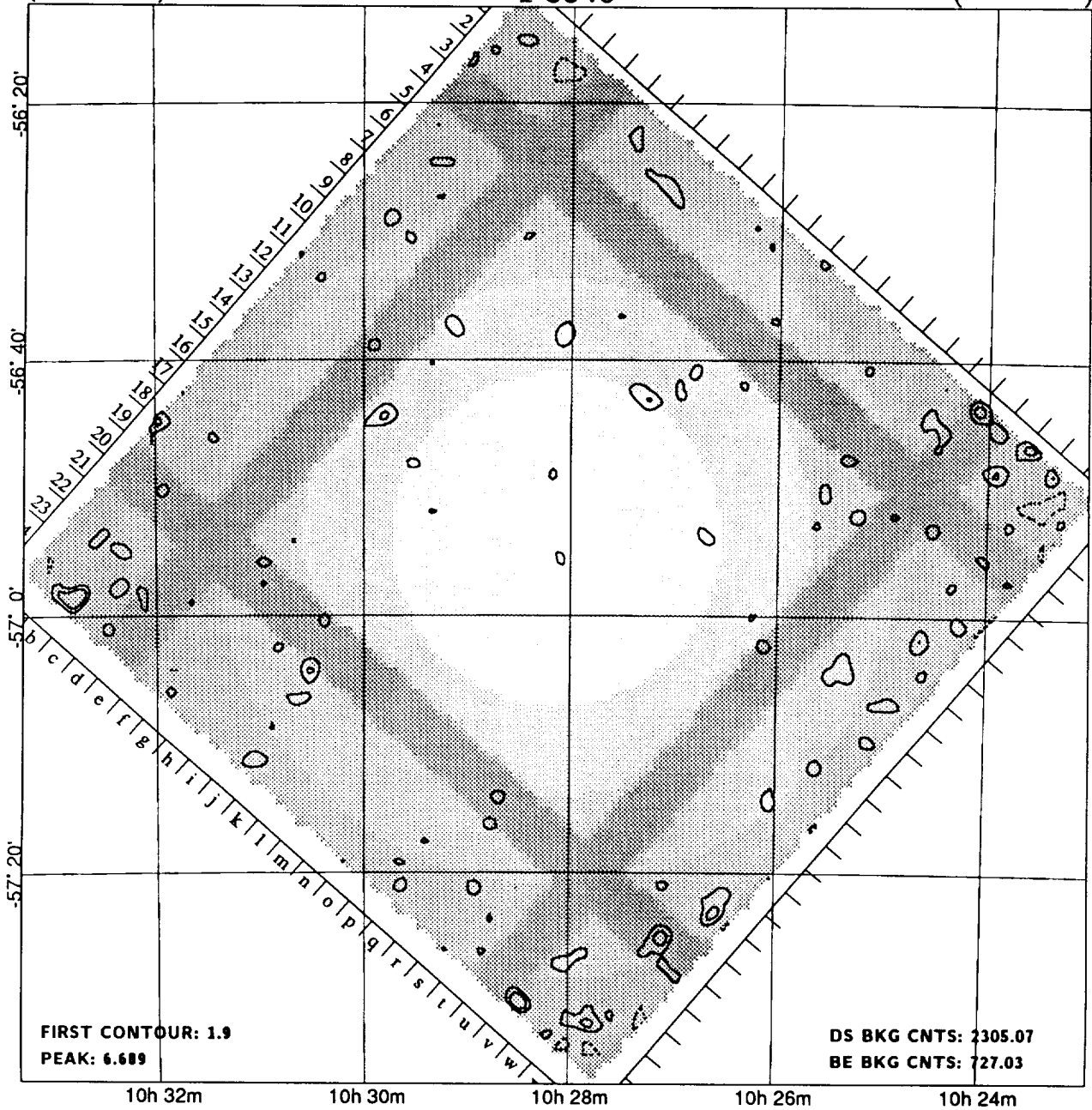
DATE: 1979/194 - 1979/194
LIVETIME: 1850.2s
ROLL ANGLE: 40.8°

NH: $1.5\text{E}+21$
REF/ID: S
FIELD FLAGS:

(10h 28m)

I 3340

(10h 28m)



COS-B GAMMA RAY SOURCE REGION E

FIELD CENTER: $10^h 28^m 09.0^s$ $-56^\circ 54' 31''$ (B1950)
 $10^h 30^m 02.9^s$ $-57^\circ 09' 56''$ (J2000)
 $l: 284.65$ $b: 0.60$

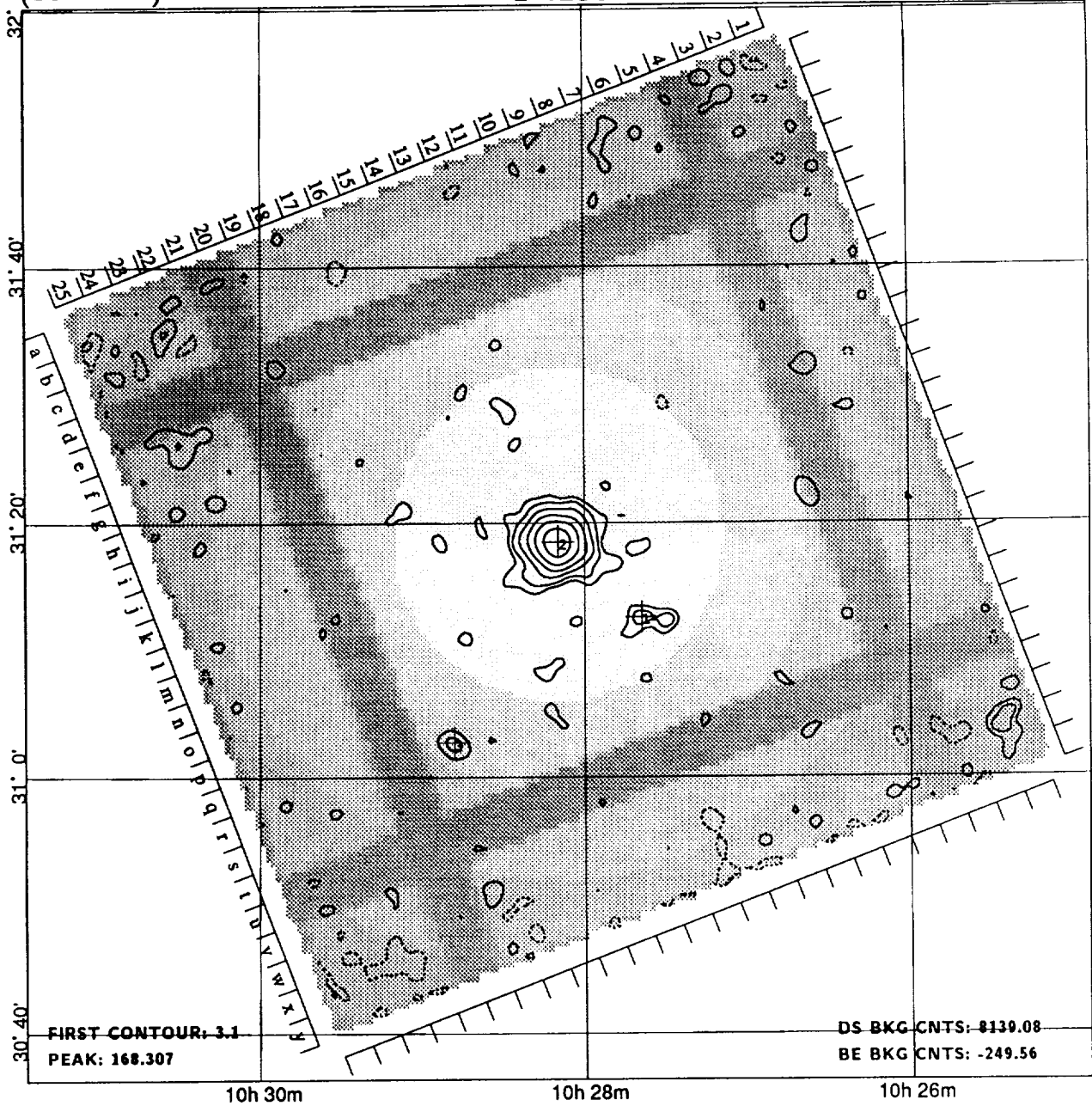
DATE: 1979/194 - 1979/194
 LIVETIME: 1867.9s
 ROLL ANGLE: 40.9°

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

(10h 28m)

I 4256

(10h 28m)



FIRST CONTOUR: 3.1
PEAK: 168.307

DS BKG CNTS: 8139.08
BE BKG CNTS: -249.56

10h 30m

10h 28m

10h 26m

OPTICALLY BRIGHT, RADIO-QUIET QSO

FIELD CENTER: $10^{\text{h}} 28^{\text{m}} 09.8^{\text{s}}$ $31^{\circ} 18' 20''$ (B1950)
 $10^{\text{h}} 30^{\text{m}} 59.1^{\text{s}}$ $31^{\circ} 02' 55''$ (J2000)
 $l: 197.13$ $b: 59.19$

DATE: 1979/144 - 1979/145
LIVETIME: 6595.3s
ROLL ANGLE: 69.2°

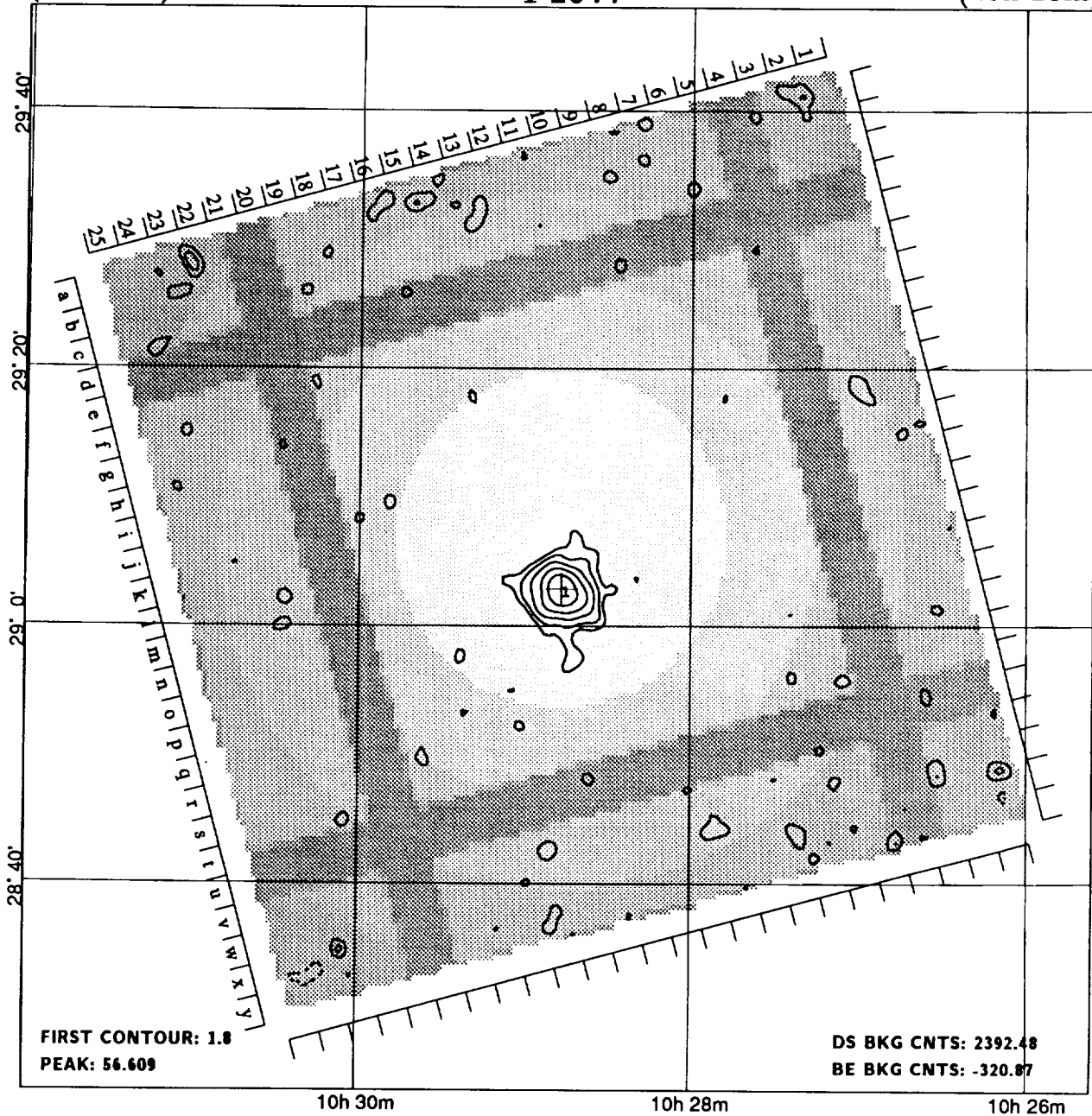
NH: $1.9\text{E}+20$
REF/ID:
FIELD FLAGS:

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: $10^{\text{h}}28^{\text{m}}48.0^{\text{s}}$ $29^{\circ}05'59''$ (B1950)
 $10^{\text{h}}31^{\text{m}}35.8^{\text{s}}$ $28^{\circ}50'33''$ (J2000)
 $l: 201.45$ $b: 59.19$

DATE: 1979/143 - 1979/143
 LIVETIME: 1938.7s
 ROLL ANGLE: 75.0°

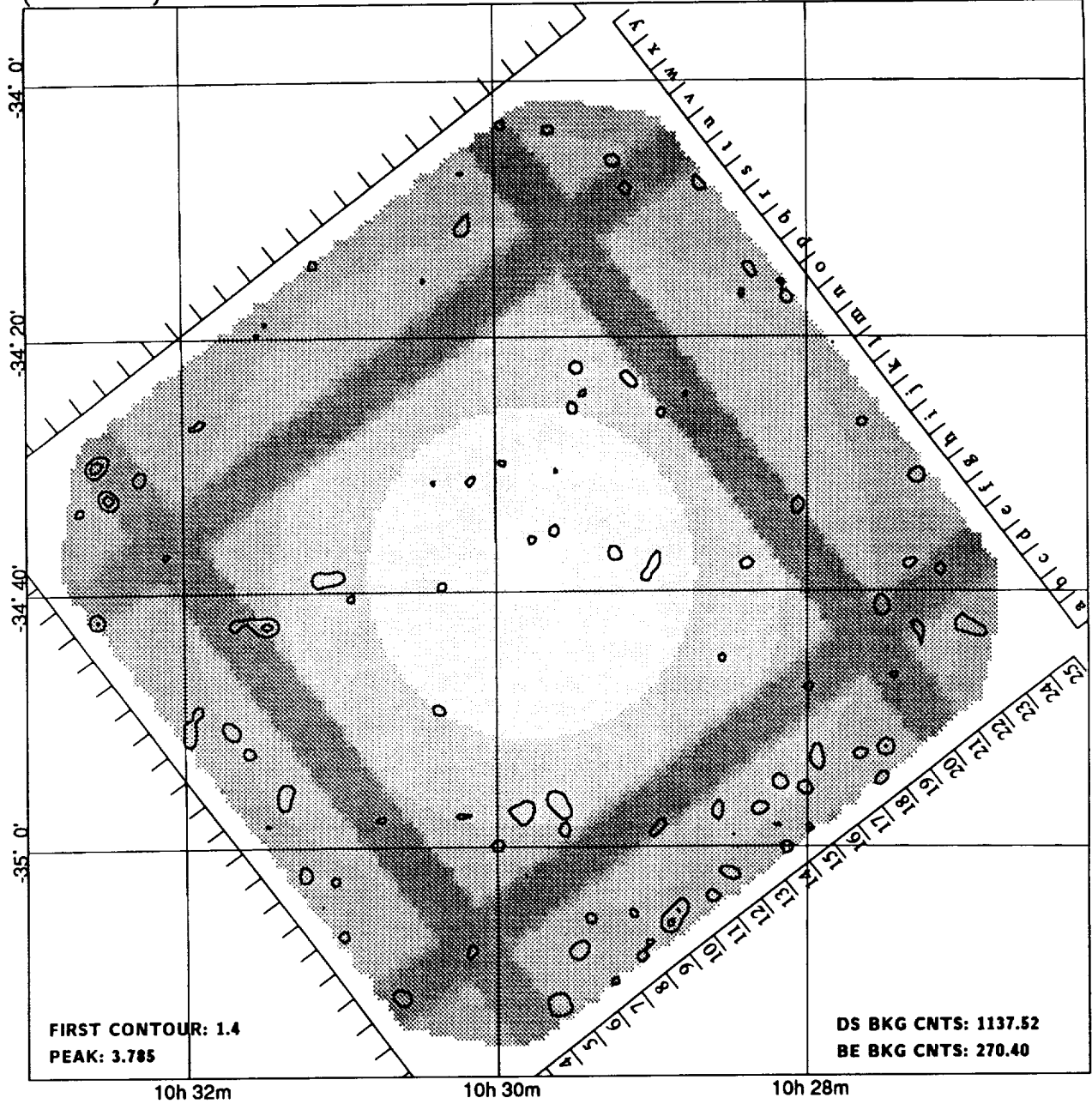
NH: $1.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(10h 29m)

I 9220

(10h 29m)



FIRST CONTOUR: 1.4
PEAK: 3.785

DS BKG CNTS: 1137.52
BE BKG CNTS: 270.40

10h 32m

10h 30m

10h 28m

UNIDENTIFIED 3A SOURCES: 3A 1029-344

FIELD CENTER: $10^{\text{h}}29^{\text{m}}36.0^{\text{s}}$ $-34^{\circ}35'59''$ (B1950)
 $10^{\text{h}}31^{\text{m}}52.1^{\text{s}}$ $-34^{\circ}51'27''$ (J2000)
 $l: 273.01$ $b: 19.78$

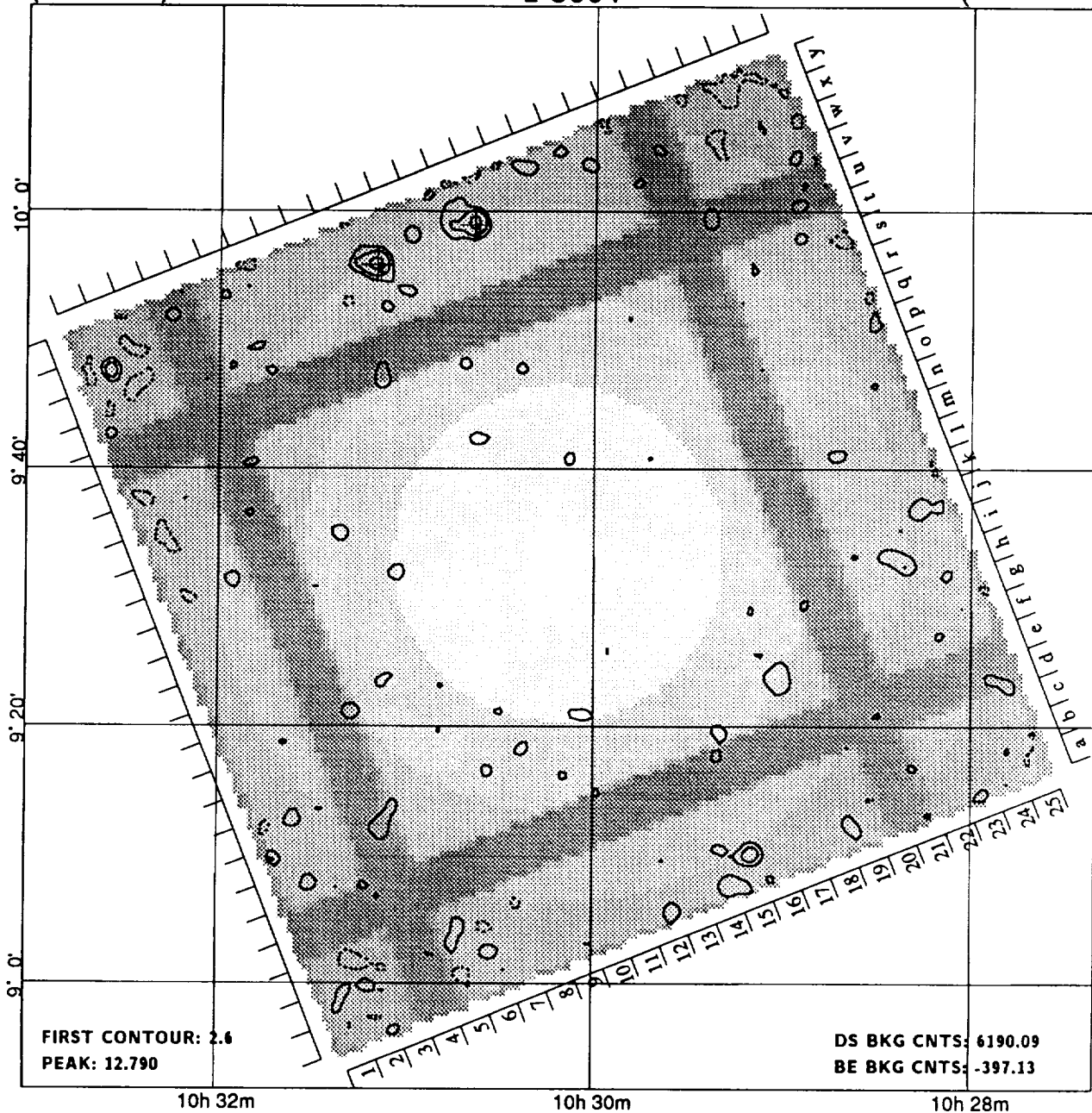
DATE: 1980/364 - 1980/364
LIVETIME: 921.8s
ROLL ANGLE: -127.4°

NH: $6.5\text{E}+20$
REF/ID:
FIELD FLAGS:

(10h 30m)

I 5064

(10h 30m)



RHO LEO, LUMINOUS EARLY-TYPE STAR

FIELD CENTER: $10^{\text{h}}30^{\text{m}}11.0^{\text{s}}$ $09^{\circ}33'50''$ (B1950)
 $10^{\text{h}}32^{\text{m}}48.9^{\text{s}}$ $09^{\circ}18'21''$ (J2000)
 $l: 234.89$ $b: 52.77$

DATE: 1979/339 - 1979/339
 LIVETIME: 5016.0s
 ROLL ANGLE: -111.6°

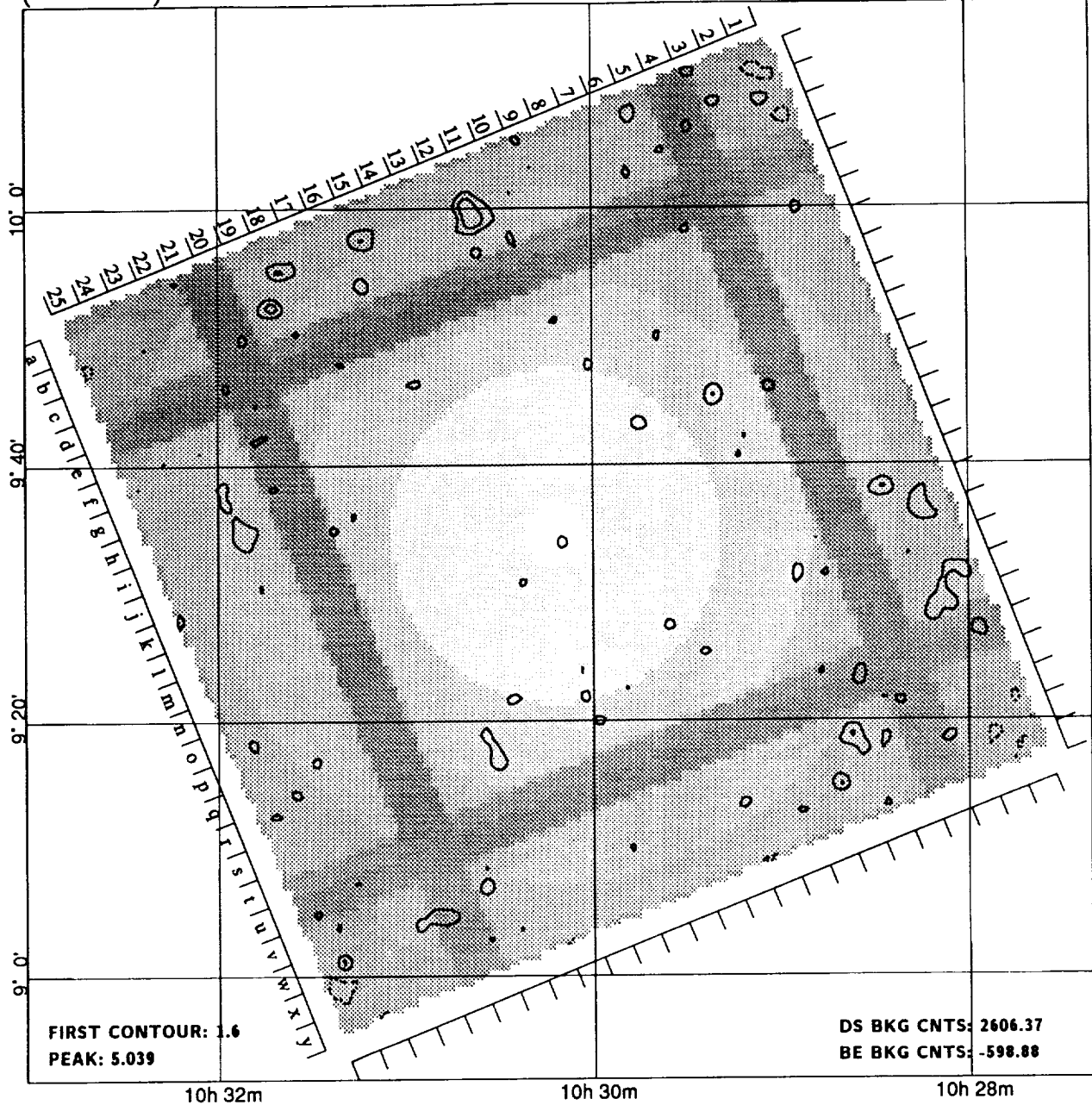
NH: $3.2\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(10h 30m)

I 3131

(10h 30m)



CORONAL EMISSION FROM OB SUPERGIANTS: RHO LEO

FIELD CENTER: $10^h 30^m 11.0^s$ $09^\circ 33' 59''$ (B1950)
 $10^h 32^m 48.9^s$ $09^\circ 18' 31''$ (J2000)
 $l: 234.88$ $b: 52.77$

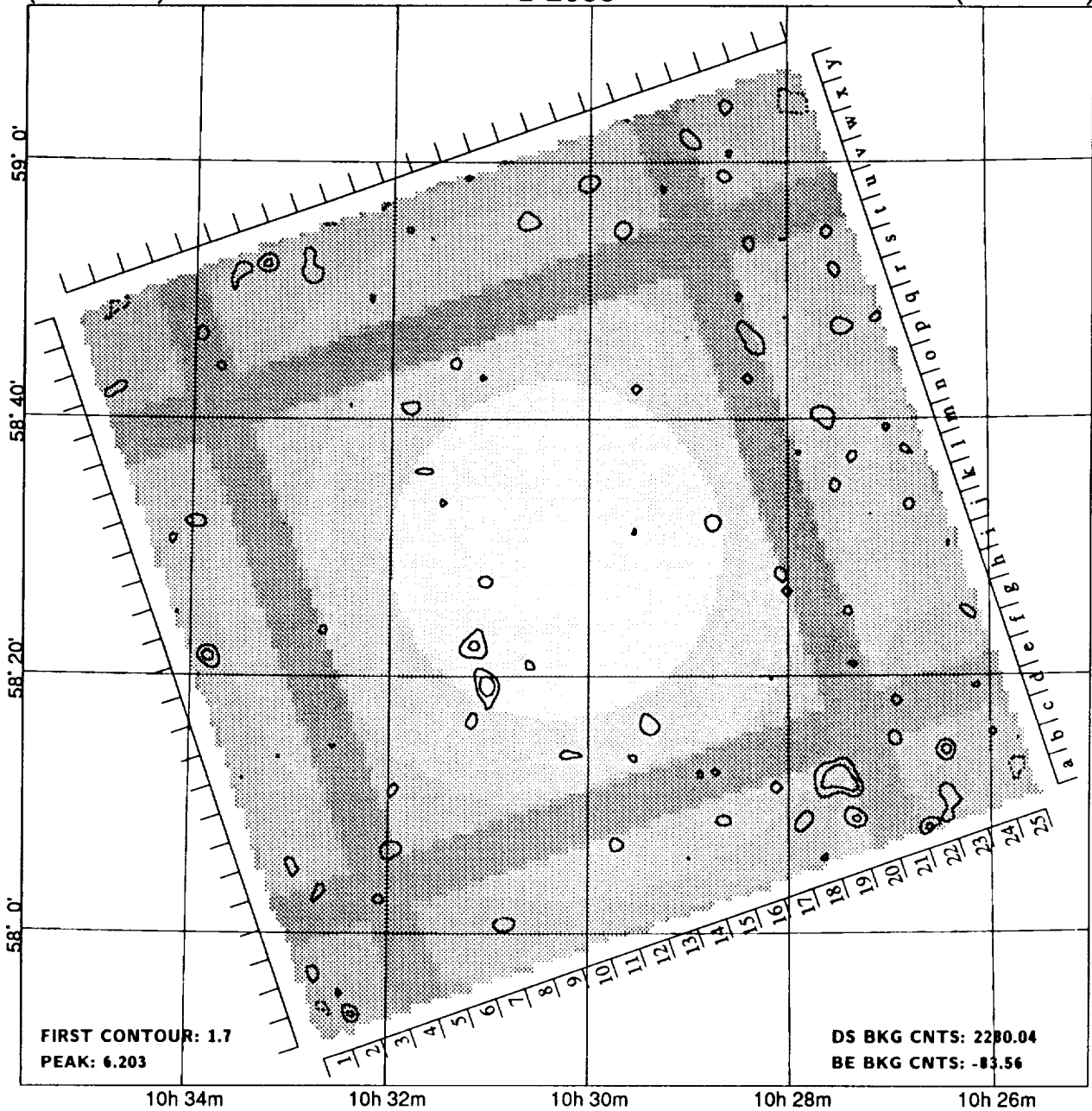
DATE: 1979/143 - 1979/143
 LIVETIME: 2112.0s
 ROLL ANGLE: 68.4°

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

(10h 30m)

I 2688

(10h 30m)



3C 244.1: BRIGHT X-GALACTIC RADIO SOURCES

FIELD CENTER: $10^{\text{h}}30^{\text{m}}20.0^{\text{s}}$ $58^{\circ}30'05''$ (B1950)
 $10^{\text{h}}33^{\text{m}}34.4^{\text{s}}$ $58^{\circ}14'36''$ (J2000)
 $l: 150.99$ $b: 50.71$

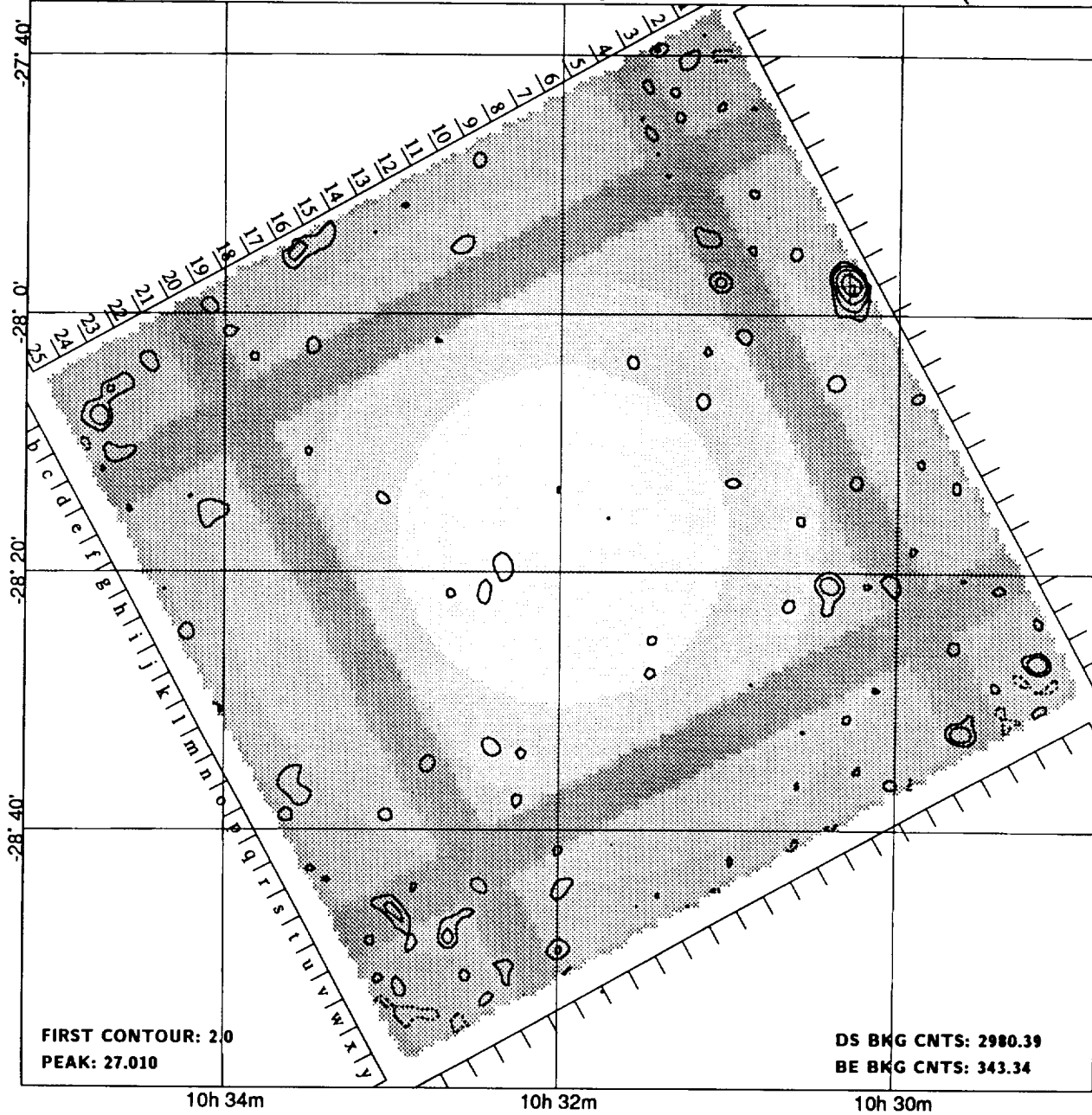
DATE: 1979/326 - 1979/326
 LIVETIME: 1847.6s
 ROLL ANGLE: -109.0°

NH: $6.5E+19$
 REF/ID: !
 FIELD FLAGS:

(10h 32m)

I 429

(10h 32m)



FIRST CONTOUR: 2.0
PEAK: 27.010

DS BKG CNTS: 2980.39
BE BKG CNTS: 343.34

10h 34m

10h 32m

10h 30m

TOLOLO 9 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $10^h 32^m 00.0^s -28^\circ 17' 59''$ (B1950)
 $10^h 34^m 20.3^s -28^\circ 33' 31''$ (J2000)
 $l: 269.75 \quad b: 25.34$

DATE: 1979/168 - 1979/168
LIVETIME: 2415.1s
ROLL ANGLE: 61.4°

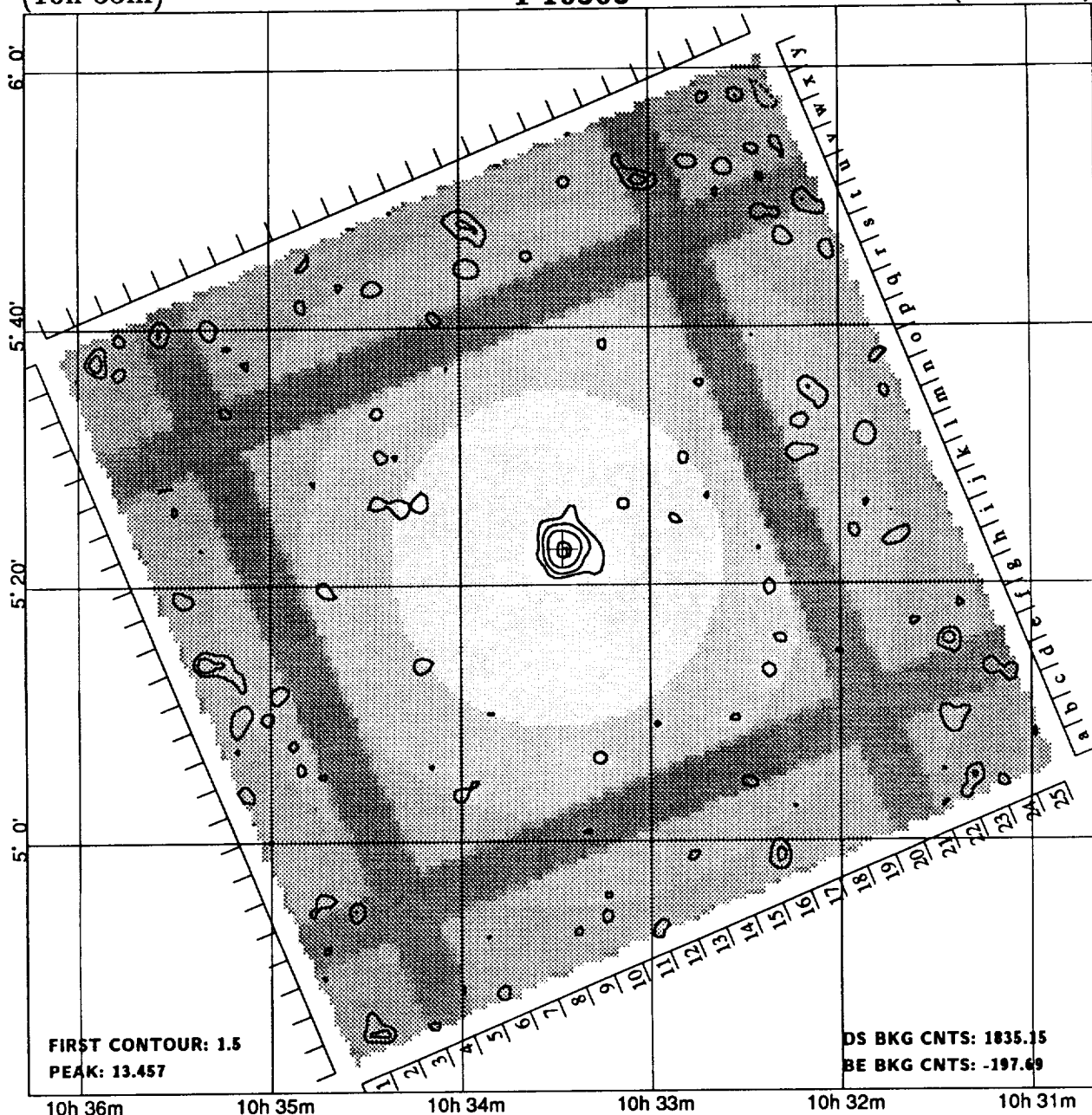
NH: $4.9E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^h 33^m 28.0^s$ $05^\circ 22' 34''$ (B1950)
 $10^h 36^m 03.9^s$ $05^\circ 07' 01''$ (J2000)
 $l: 241.16$ $b: 50.98$

DATE: 1980/348 - 1980/348
 LIVETIME: 1487.1s
 ROLL ANGLE: -112.7°

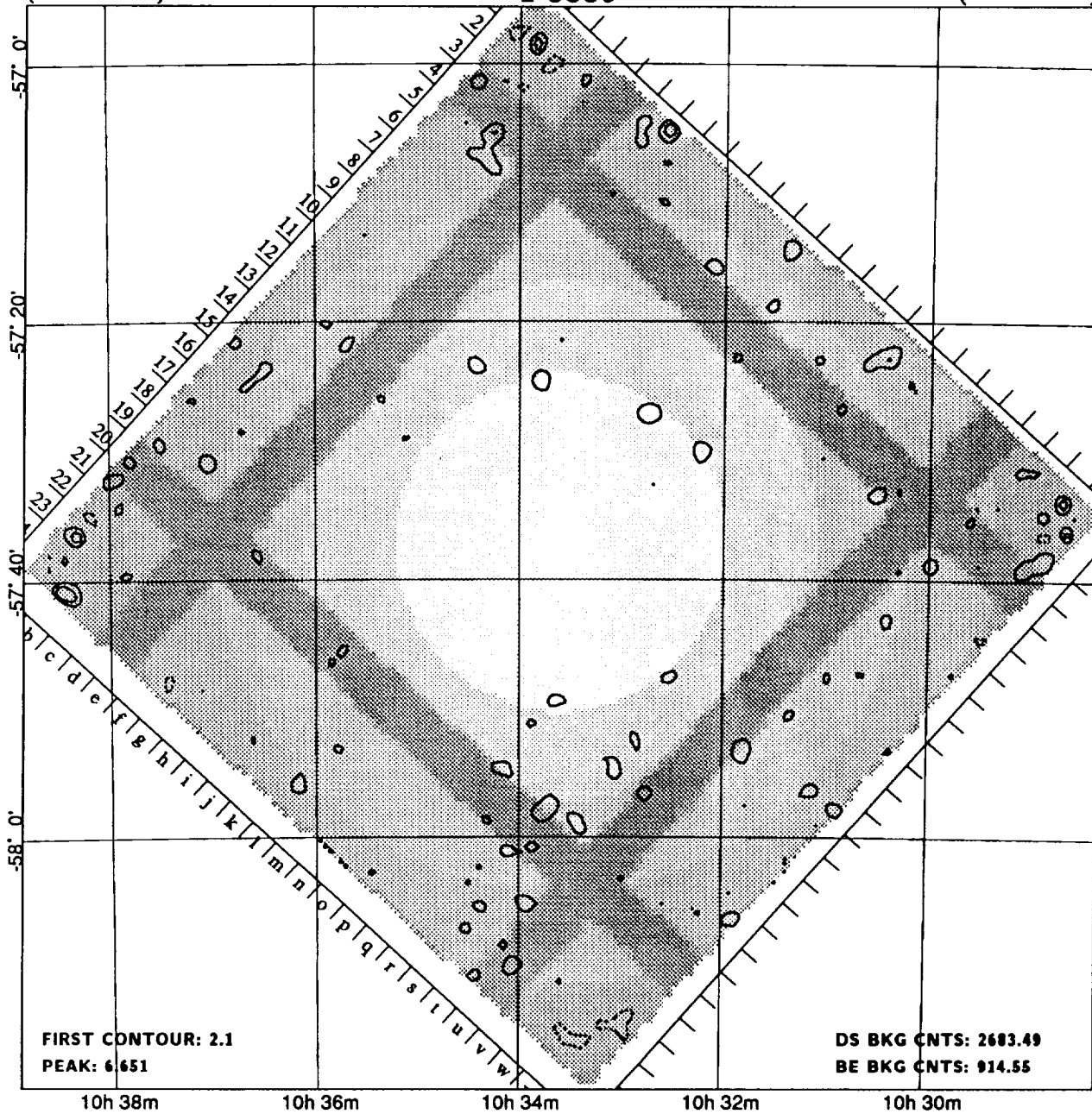
NH: $3.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(10h 33m)

I 3339

(10h 33m)



COS-B GAMMA RAY SOURCE REGION E

FIELD CENTER: $10^h 33^m 37.0^s -57^\circ 37' 40''$ (B1950)
 $10^h 35^m 32.1^s -57^\circ 53' 14''$ (J2000)
 $l: 285.65$ $b: 0.35$

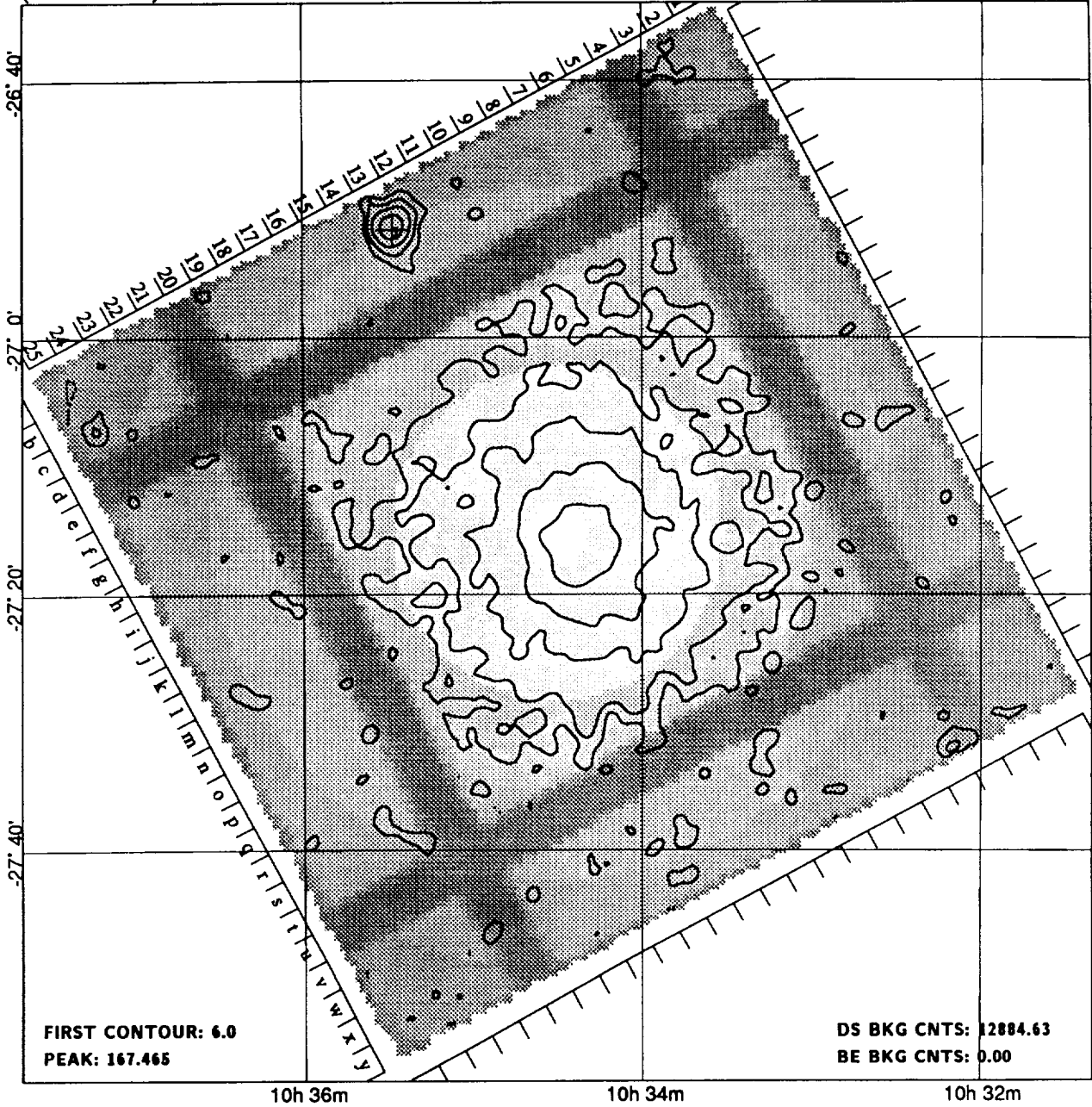
DATE: 1979/194 - 1979/194
 LIVETIME: 2174.5s
 ROLL ANGLE: 42.0°

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

(10h 34m)

I 6114

(10h 34m)



A 1060, DETAILED STUDY OF NEARBY CLUSTERS

FIELD CENTER: $10^h 34^m 30.0^s$ $-27^\circ 15' 59''$ (B1950)
 $10^h 36^m 51.3^s$ $-27^\circ 31' 35''$ (J2000)
 $l: 269.63$ $b: 26.51$

DATE: 1980/168 - 1980/168
 LIVETIME: 10440.8s
 ROLL ANGLE: 61.8°

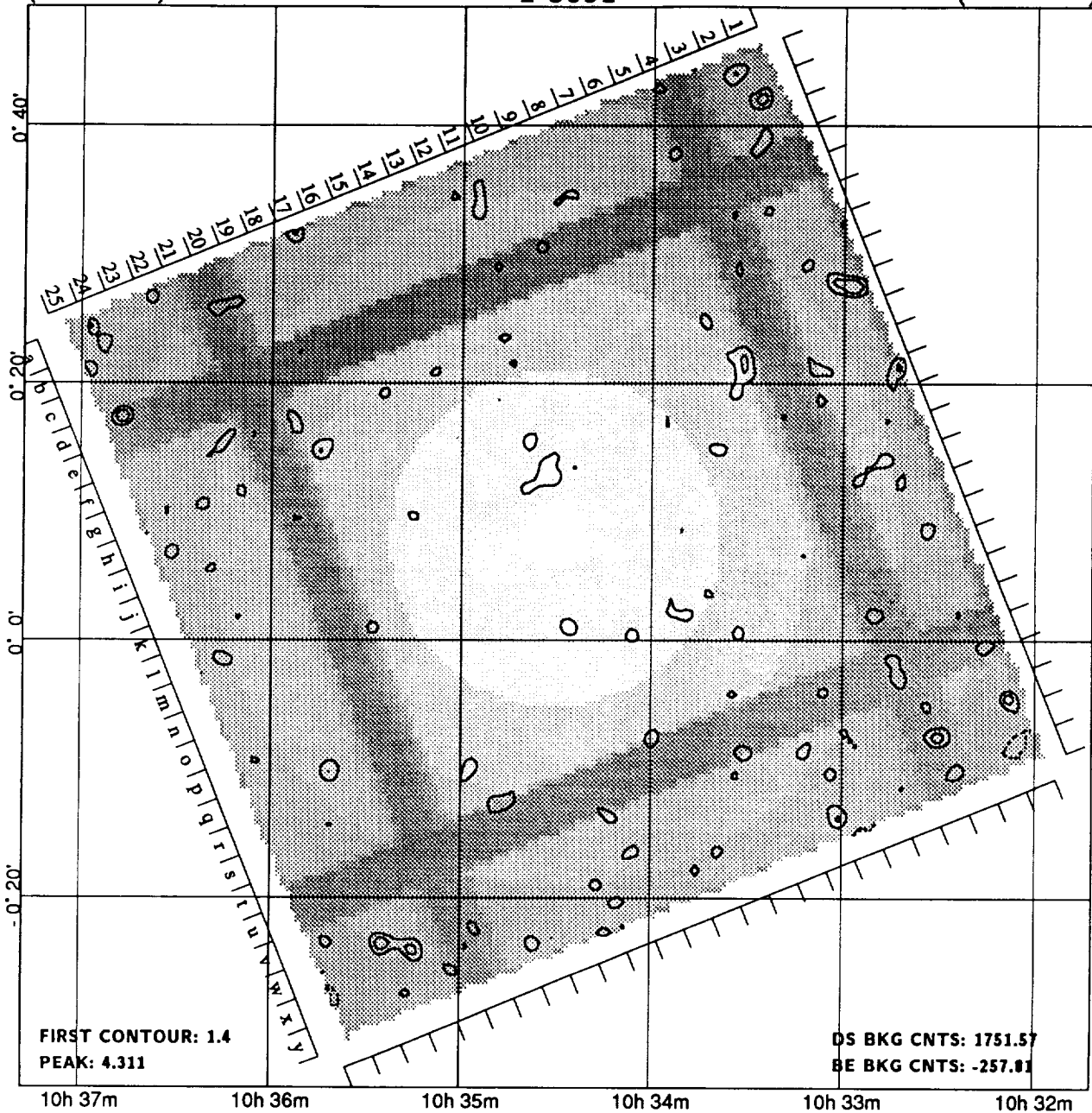
NH: $5.0E+20$
 REF/ID: !
 FIELD FLAGS: DLS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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	

(10h 34m)

I 8691

(10h 34m)



FIRST CONTOUR: 1.4
 PEAK: 4.311

DS BKG CNTS: 1751.57
 BE BKG CNTS: -257.81

10h 37m 10h 36m 10h 35m 10h 34m 10h 33m 10h 32m

PG 1034+00, VERY HOT WHITE DWARFS

FIELD CENTER: $10^h 34^m 30.0^s \ 00^\circ 07' 14''$ (B1950)
 $10^h 37^m 03.7^s \ -00^\circ 08' 20''$ (J2000)
 $l: 247.55 \ b: 47.75$

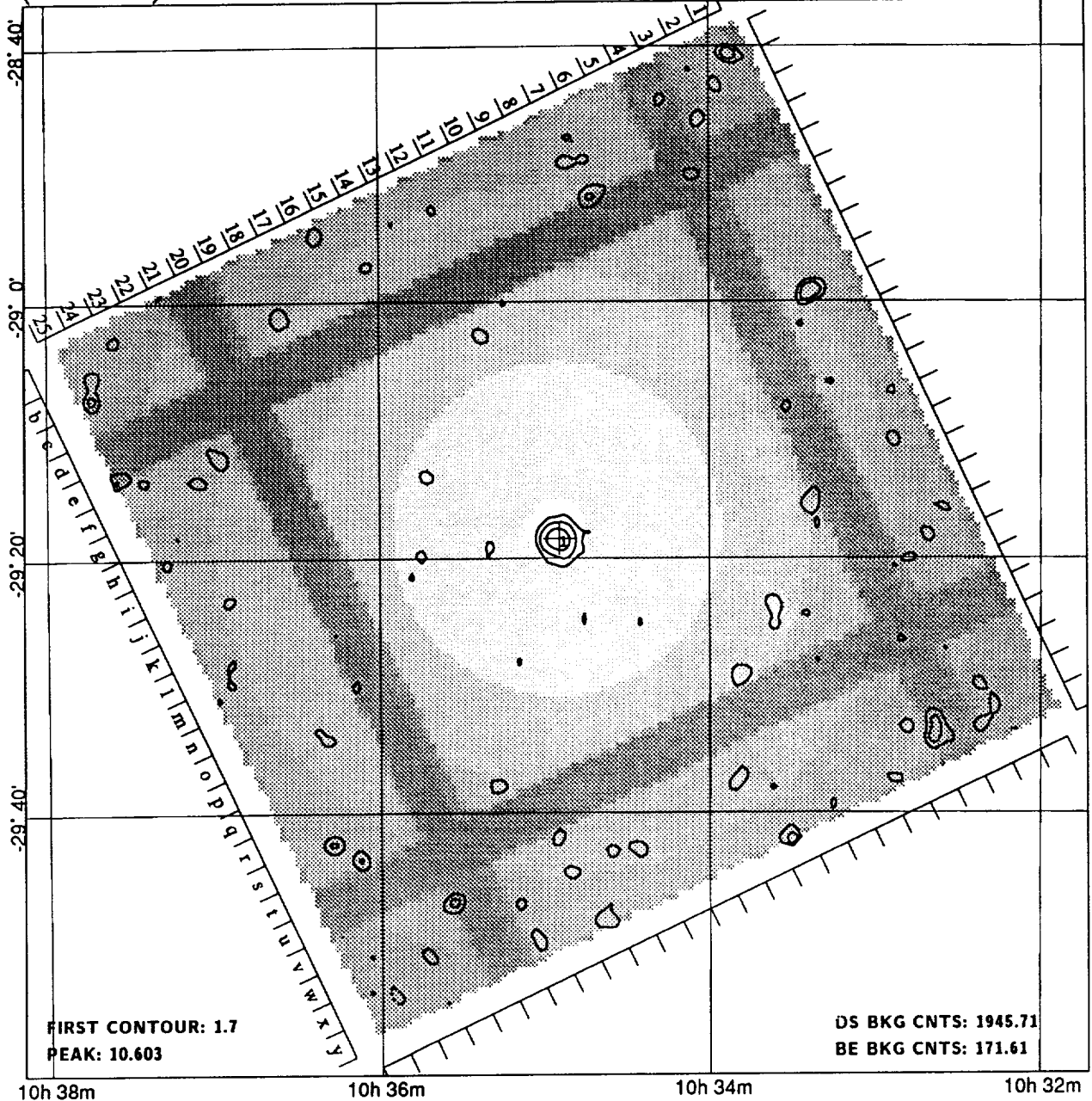
DATE: 1980/152 - 1980/152
 LIVETIME: 1419.3s
 ROLL ANGLE: 68.0°

NH: $5.0E+20$
 REF/ID:
 FIELD FLAGS:

(10h 34m)

I 4001

(10h 34m)



1034-293, OPTICALLY-QUIET COMPACT RADIO SOURCE

FIELD CENTER: $10^h 34^m 55.9^s$ $-29^\circ 18' 29''$ (B1950)
 $10^h 37^m 16.1^s$ $-29^\circ 34' 05''$ (J2000)
 $l: 270.95$ $b: 24.85$

DATE: 1980/163 - 1980/163
 LIVETIME: 1576.7s
 ROLL ANGLE: 64.7°

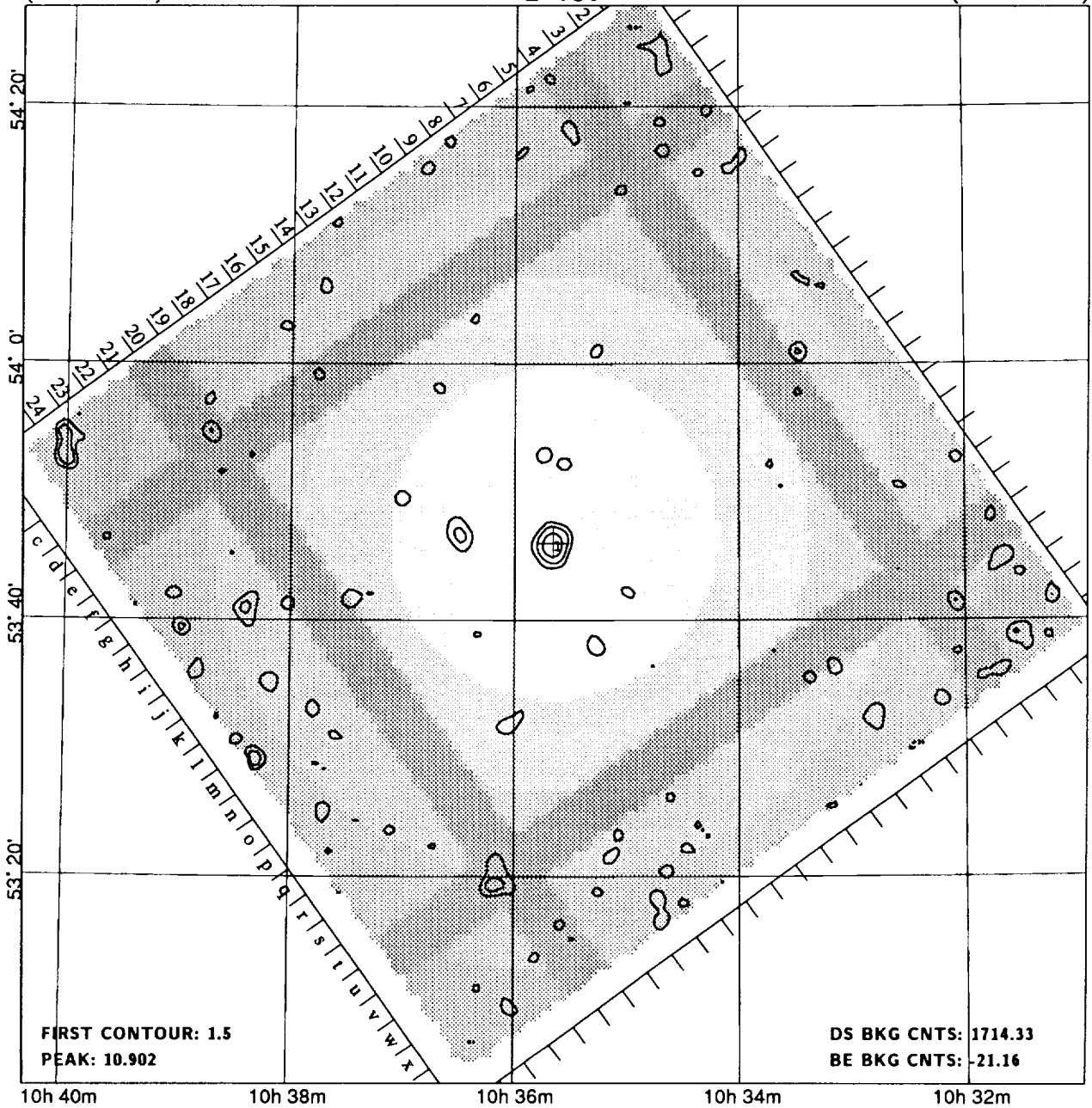
NH: $4.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $10^h 35^m 39.0^s$ $53^\circ 45' 53''$ (B1950)
 $10^h 38^m 44.8^s$ $53^\circ 30' 16''$ (J2000)
 $l: 156.60$ $b: 54.06$

DATE: 1979/118 - 1979/118
 LIVETIME: 1389.2s
 ROLL ANGLE: 54.3°

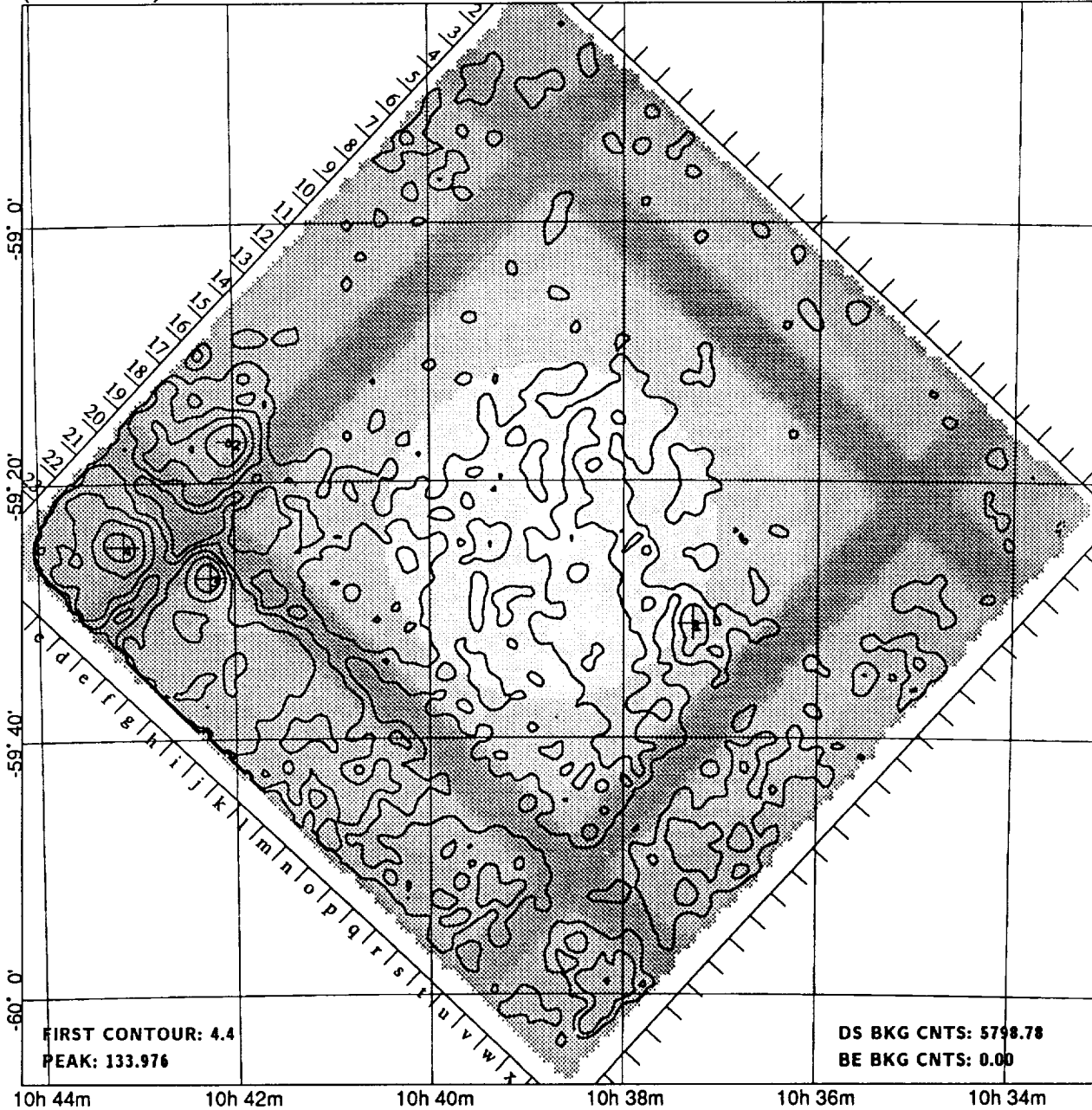
NH: $1.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(10h 38m)

I 4222

(10h 38m)



ETA CARINA FOLLOW-UP

FIELD CENTER: $10^h 38^m 40.0^s$ $-59^\circ 24' 59''$ (B1950)
 $10^h 40^m 34.7^s$ $-59^\circ 40' 40''$ (J2000)
 $l: 287.10$ $b: -0.89$

DATE: 1979/194 - 1979/194
 LIVETIME: 4698.9s
 ROLL ANGLE: 43.0°

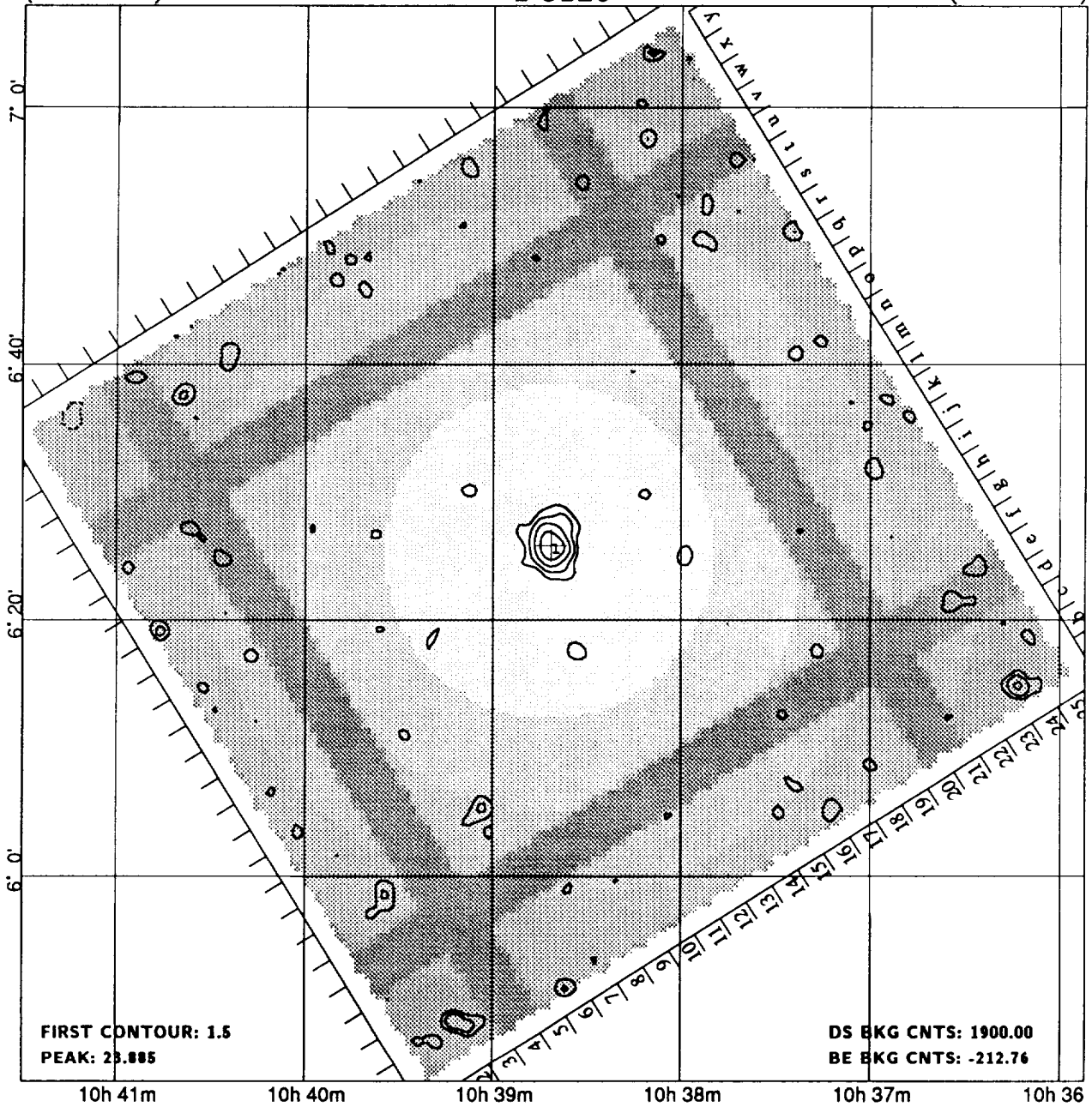
NH: $1.5E+21$
 REF/ID: *
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $10^{\text{h}}38^{\text{m}}41.0^{\text{s}}$ $06^{\circ}25'57''$ (B1950)
 $10^{\text{h}}41^{\text{m}}17.2^{\text{s}}$ $06^{\circ}10'16''$ (J2000)
 $l: 241.11$ $b: 52.65$

DATE: 1979/338 - 1979/338
LIVETIME: 1539.6s
ROLL ANGLE: -122.0°

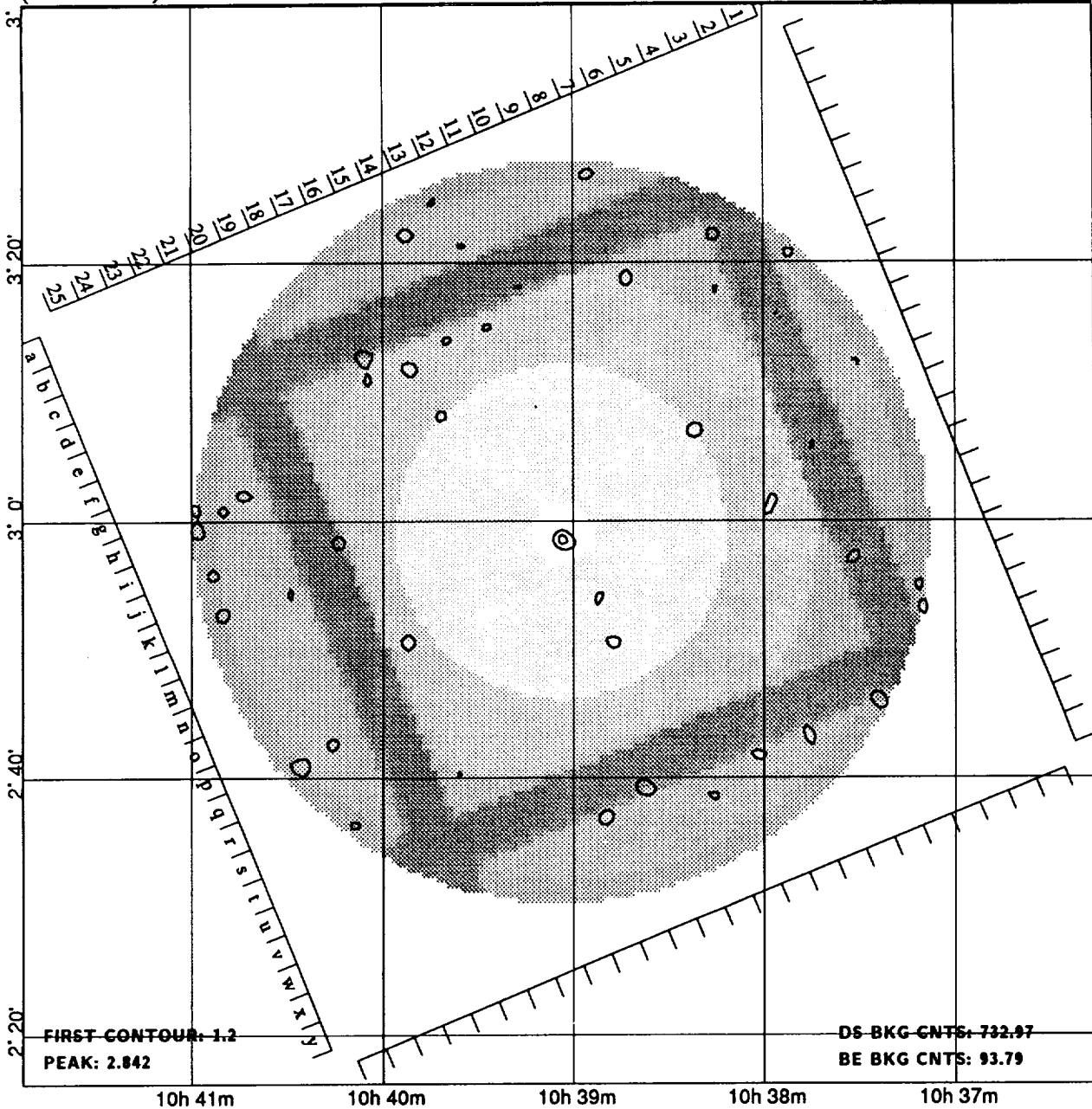
NH: 2.8E+20
REF/ID:
FIELD FLAGS:

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: $10^h 39^m 04.5^s$ $02^\circ 58' 10''$ (B1950)
 $10^h 41^m 39.3^s$ $02^\circ 42' 28''$ (J2000)
 $l: 245.50$ $b: 50.51$

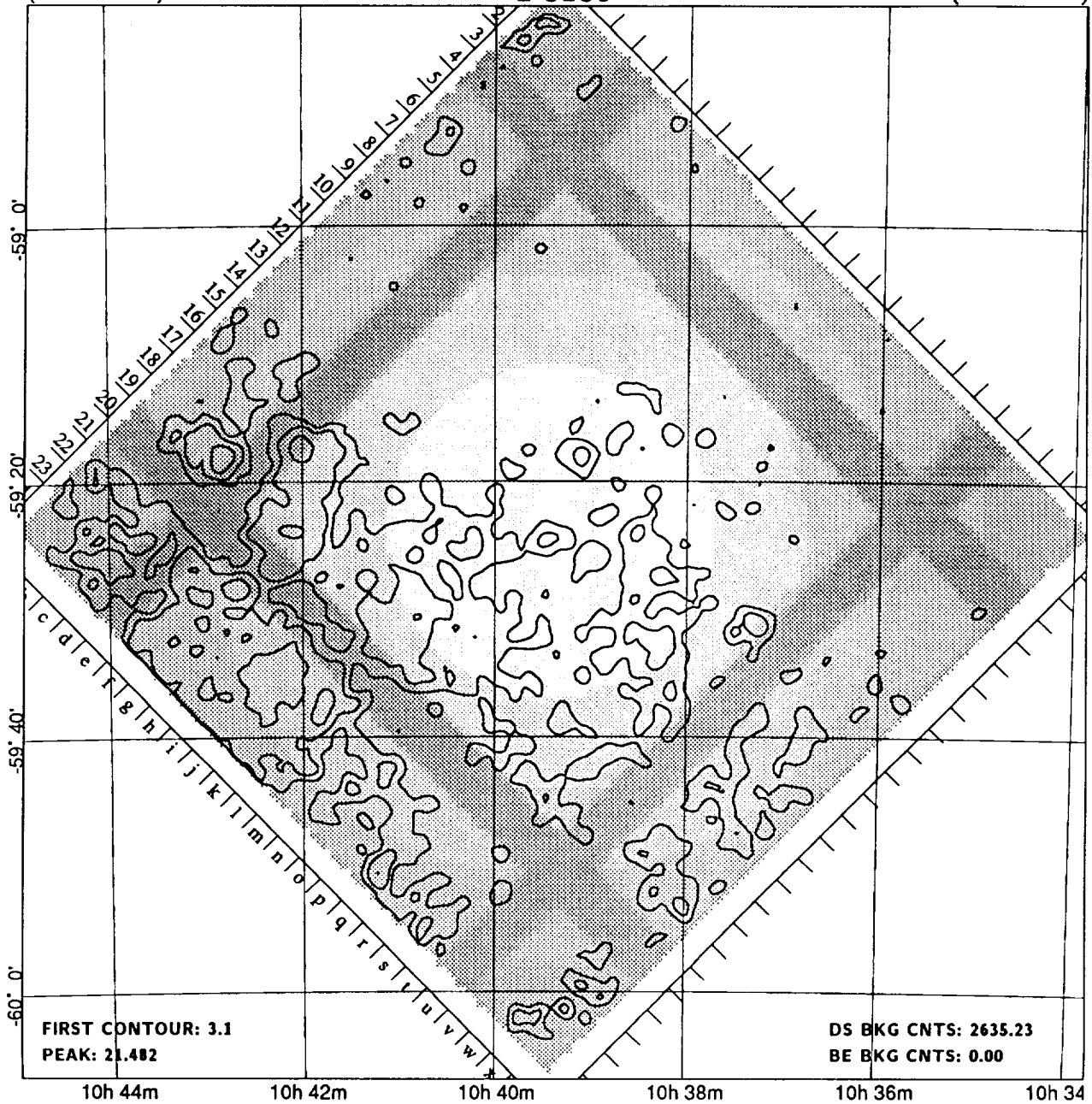
DATE: 1980/153 - 1980/153
 LIVETIME: 593.9s
 ROLL ANGLE: 67.8°

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

(10h 39m)

I 3139

(10h 39m)

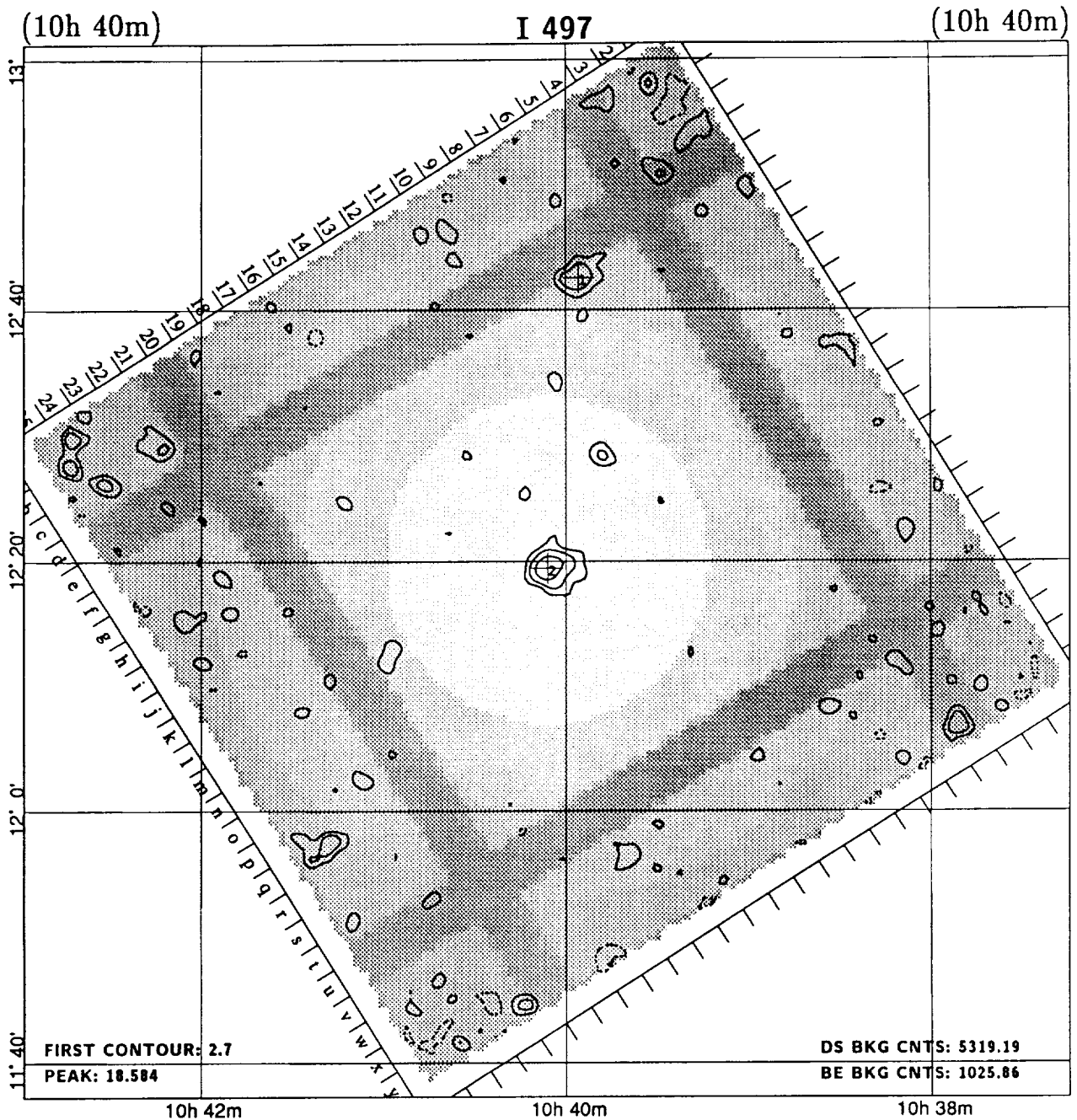


CORONAL EMISSION FROM OB SUPERGIANTS: HD 92740

FIELD CENTER: $10^h 39^m 23.0^s$ $-59^\circ 24' 53''$ (B1950)
 $10^h 41^m 18.0^s$ $-59^\circ 40' 35''$ (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: $10^{\text{h}}40^{\text{m}}06.1^{\text{s}}$ $12^{\circ}19'14''$ (B1950)
 $10^{\text{h}}42^{\text{m}}44.7^{\text{s}}$ $12^{\circ}03'31''$ (J2000)
 $l: 233.12$ $b: 56.30$

DATE: 1980/145 - 1980/145
LIVETIME: 4310.3s
ROLL ANGLE: 57.8°

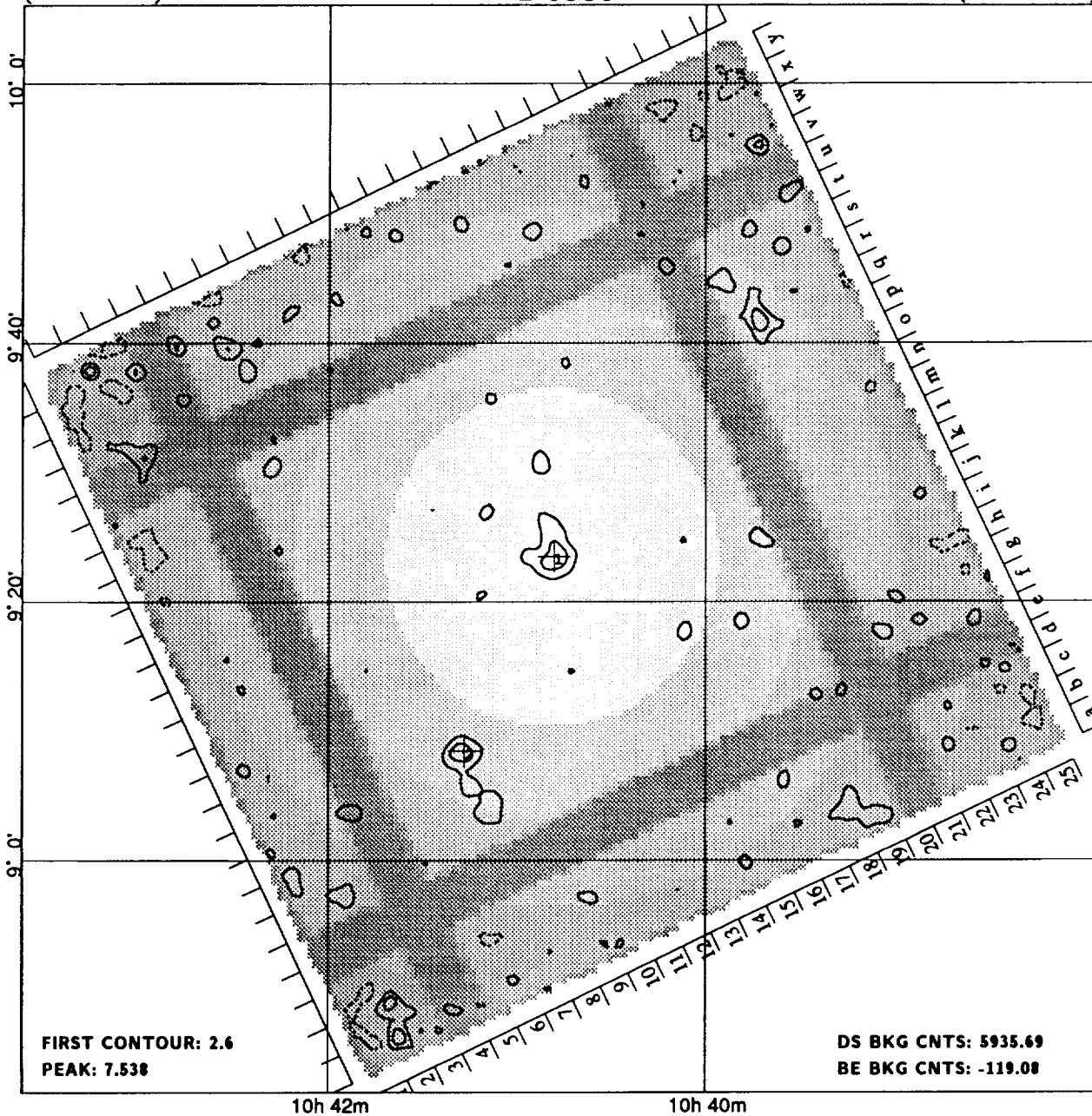
NH: 2.9E+20
REF/ID:
FIELD FLAGS:

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: $10^h 40^m 47.0^s$ $09^\circ 24' 03''$ (B1950)
 $10^h 43^m 24.4^s$ $09^\circ 08' 19''$ (J2000)
 $l: 237.61$ $b: 54.84$

DATE: 1979/328 - 1979/328
 LIVETIME: 4809.9s
 ROLL ANGLE: -115.4°

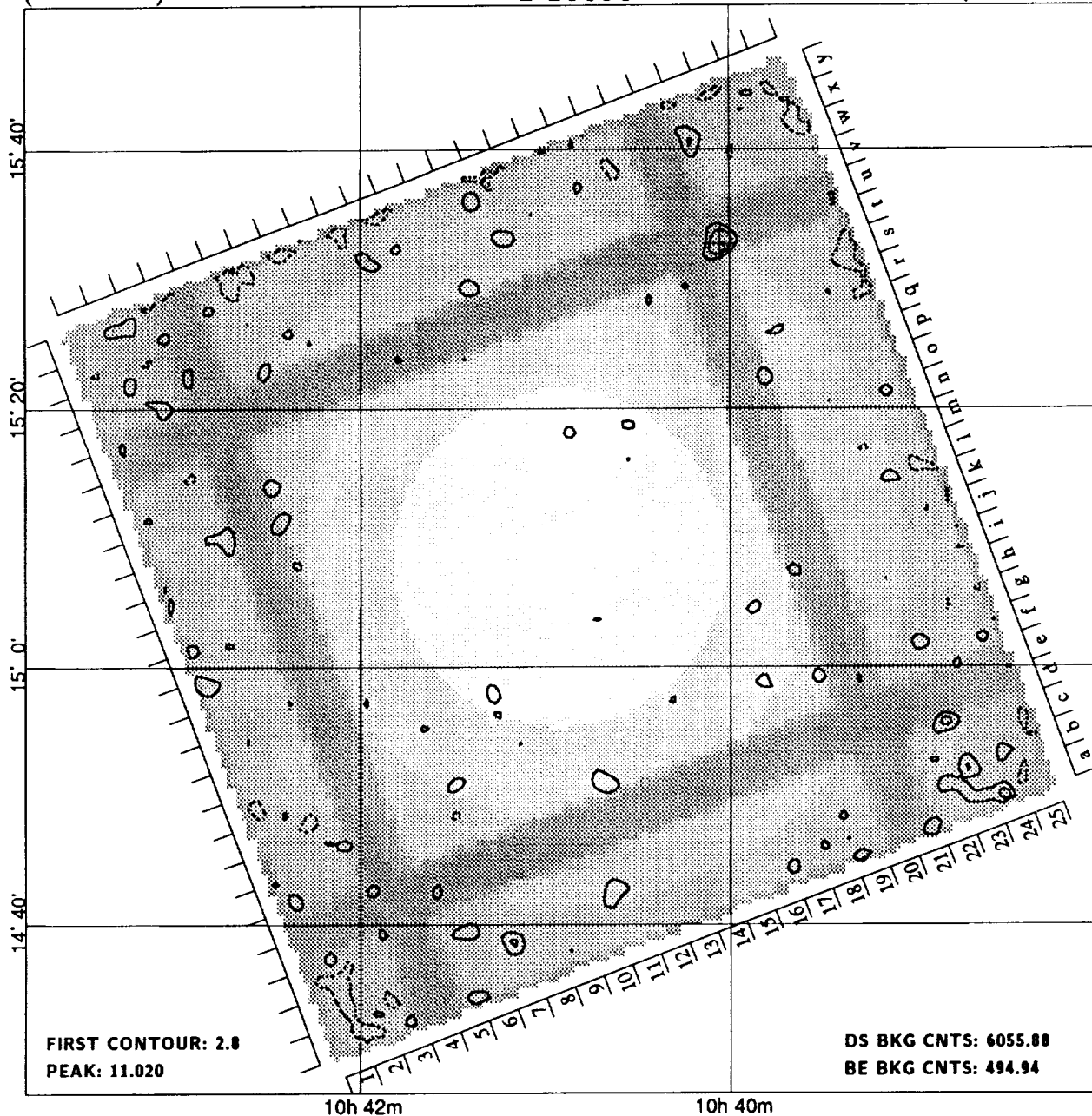
NH: $2.8E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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)



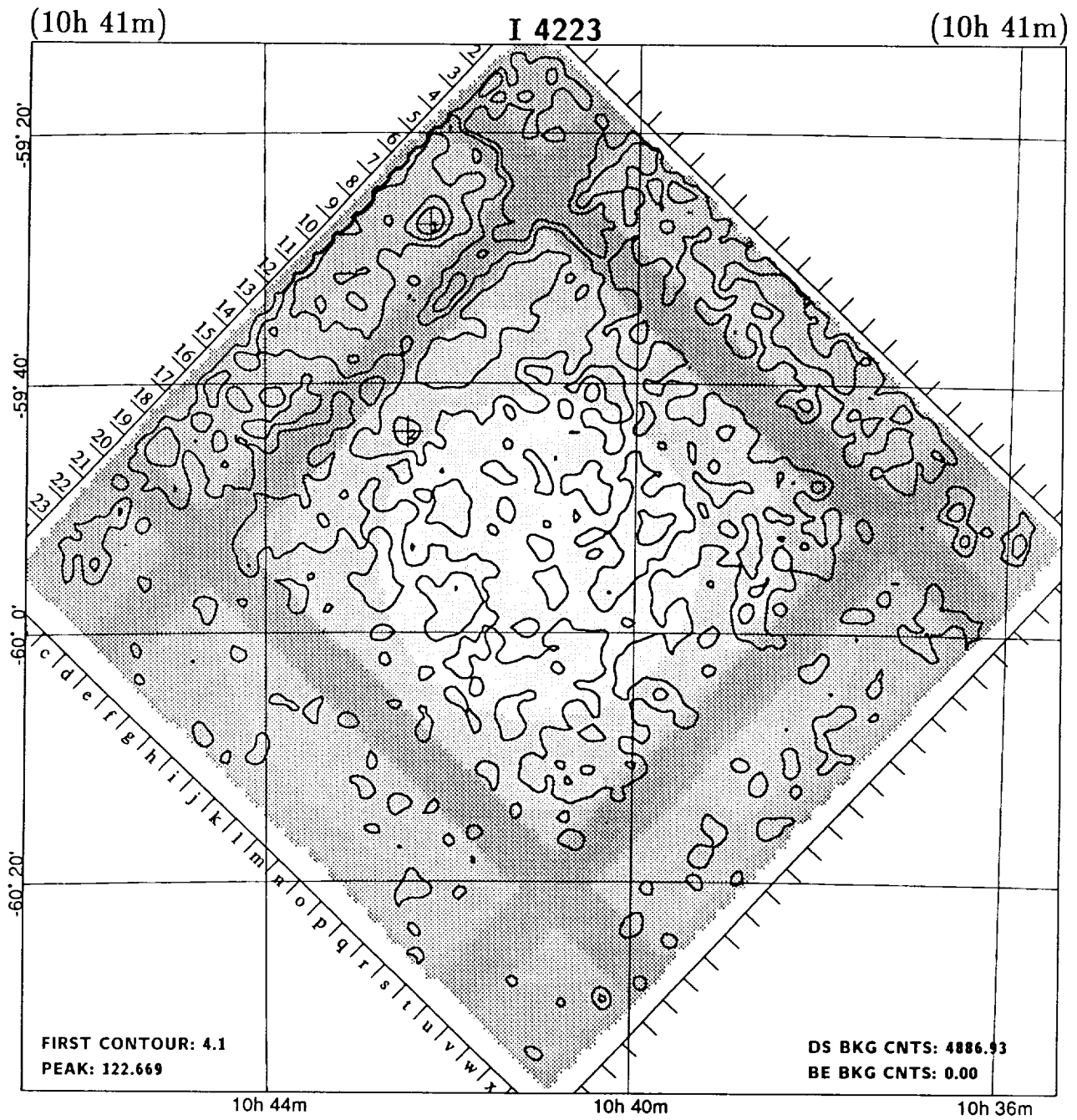
NGC 3346, SERSIC-PASTORIZA GALAXIES

FIELD CENTER: $10^{\text{h}}40^{\text{m}}54.0^{\text{s}}$ $15^{\circ}09'05''$ (B1950)
 $10^{\text{h}}43^{\text{m}}33.7^{\text{s}}$ $14^{\circ}53'20''$ (J2000)
 $l: 228.77$ $b: 57.87$

DATE: 1980/346 - 1980/346
 LIVETIME: 4907.3s
 ROLL ANGLE: -110.7°

NH: $2.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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	



ETA CARINA FOLLOW-UP

FIELD CENTER: $10^h 41^m 00.0^s$ $-59^\circ 54' 59''$ (B1950)
 $10^h 42^m 55.0^s$ $-60^\circ 10' 44''$ (J2000)
 $l: 287.59$ $b: -1.19$

DATE: 1979/194 - 1979/194
 LIVETIME: 3960.0s
 ROLL ANGLE: 43.4°

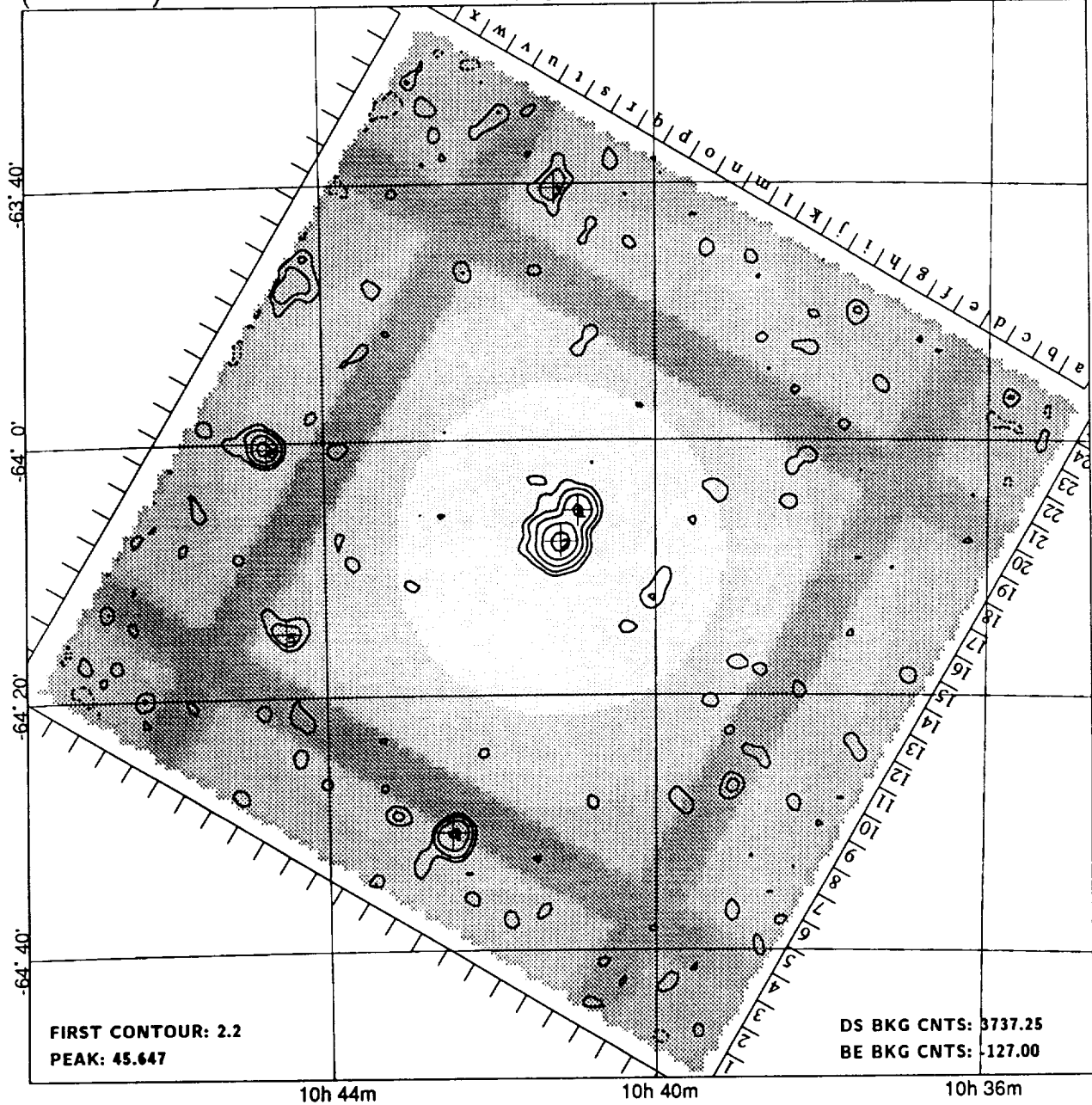
NH: 1.5E+21
 REF/ID: *
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE \pm	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	

(10h 41m)

I 5528

(10h 41m)



FIELD CENTER: $10^h 41^m 10.0^s$ $-64^\circ 07' 59''$ (B1950)
 $10^h 42^m 57.5^s$ $-64^\circ 23' 44''$ (J2000)
 $l: 289.60$ $b: -4.90$

DATE: 1981/ 25 - 1981/ 25
 LIVETIME: 3028.4s
 ROLL ANGLE: -149.5°

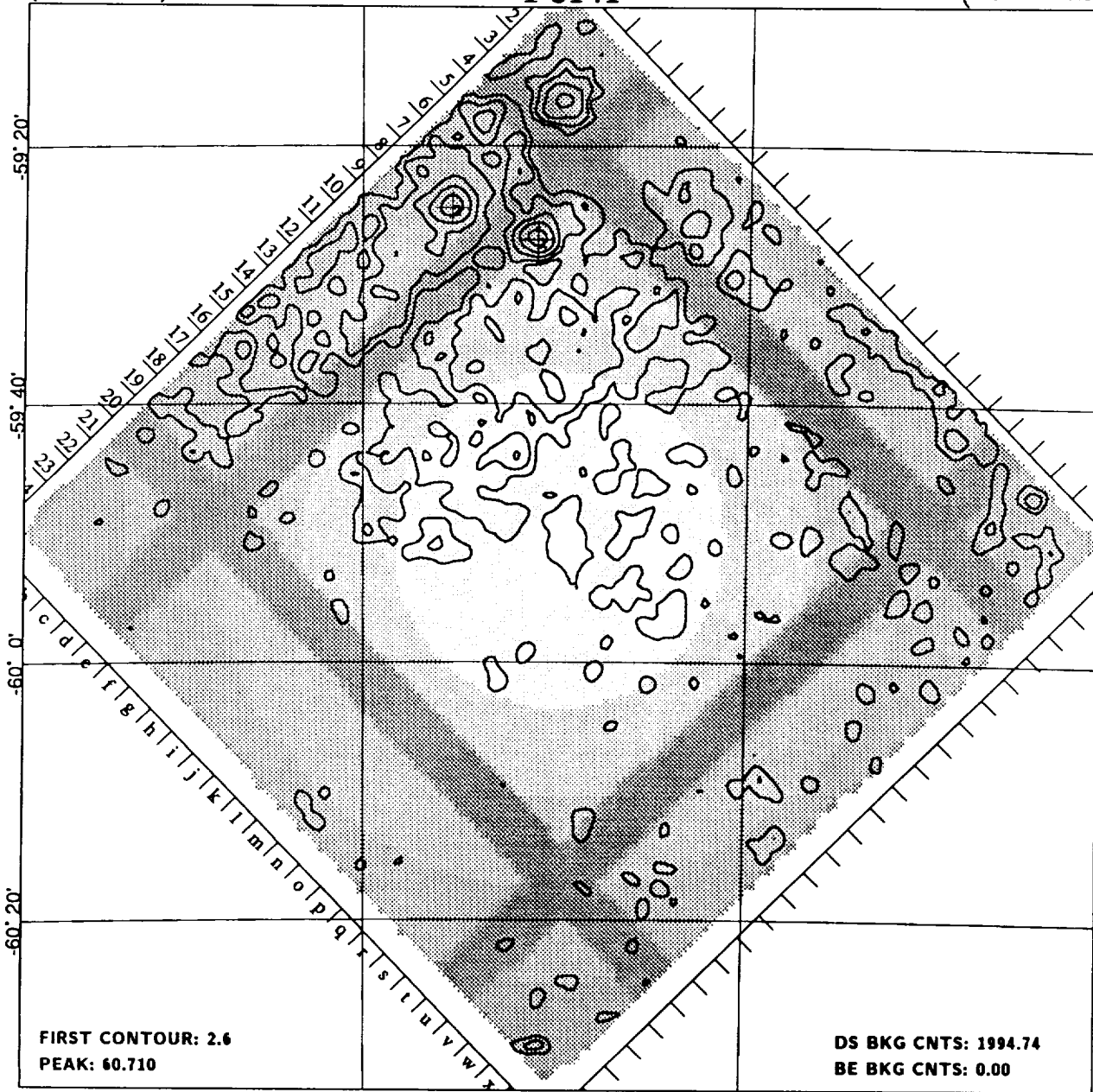
NH: $1.2E+21$
 REF/ID:
 FIELD FLAGS:

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)



FIRST CONTOUR: 2.6
PEAK: 60.710

DS BKG CNTS: 1994.74
BE BKG CNTS: 0.00

10h 44m 10h 40m

CORONAL EMISSION FROM OB SUPERGIANTS: HD 93131

FIELD CENTER: $10^h 41^m 56.9^s$ $-59^\circ 51' 17''$ (B1950)
 $10^h 43^m 52.4^s$ $-60^\circ 07' 03''$ (J2000)
 $l: 287.67$ $b: -1.08$

DATE: 1979/192 - 1979/192
LIVETIME: 1616.4s
ROLL ANGLE: 45.6°

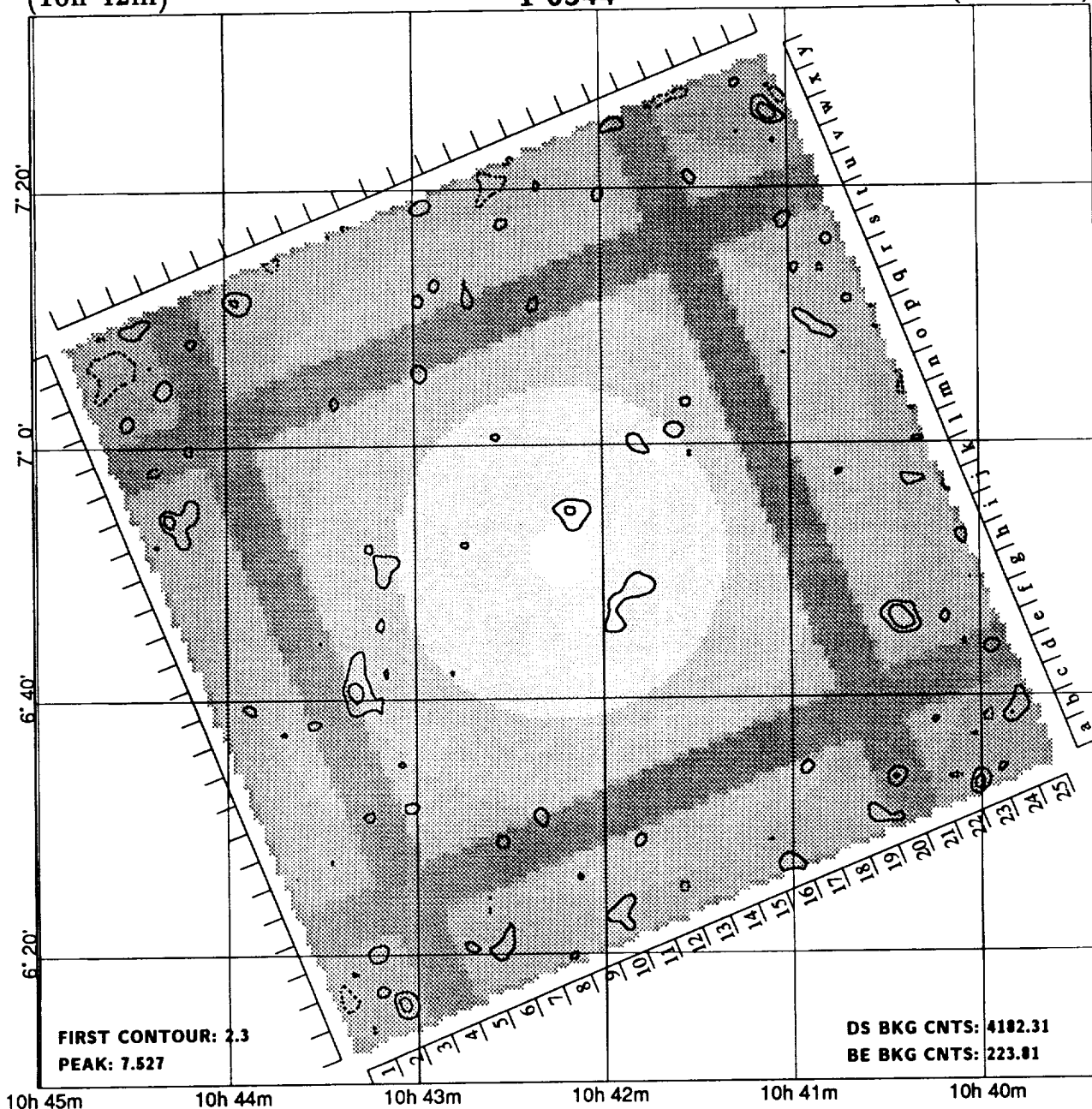
NH: $1.5E+21$
REF/ID: S
FIELD FLAGS: L

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: $10^{\text{h}}42^{\text{m}}12.0^{\text{s}}$ $06^{\circ}51'59''$ (B1950)
 $10^{\text{h}}44^{\text{m}}48.3^{\text{s}}$ $06^{\circ}36'13''$ (J2000)
 l : 241.44 b : 53.61

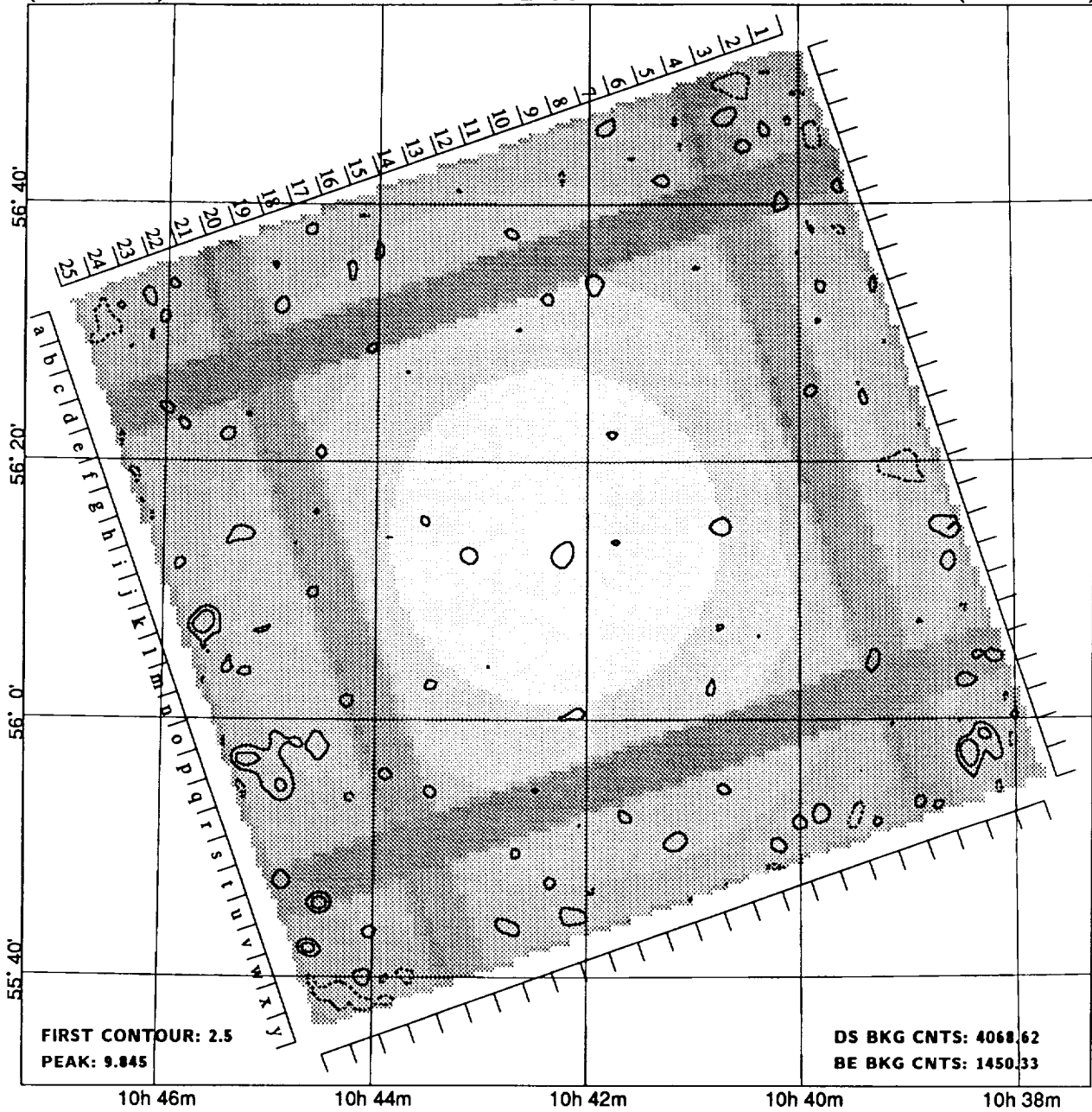
DATE: 1979/339 - 1979/339
 LIVETIME: 3389.0s
 ROLL ANGLE: -112.2°

NH: $2.7\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(10h 42m)

I 6371

(10h 42m)



N 3353, EMISSION LINE GALAXY SURVEY

FIELD CENTER: $10^{\text{h}}42^{\text{m}}17.0^{\text{s}}$ $56^{\circ}13'35''$ (B1950)
 $10^{\text{h}}45^{\text{m}}23.1^{\text{s}}$ $55^{\circ}57'48''$ (J2000)
 $l: 152.30$ $b: 53.37$

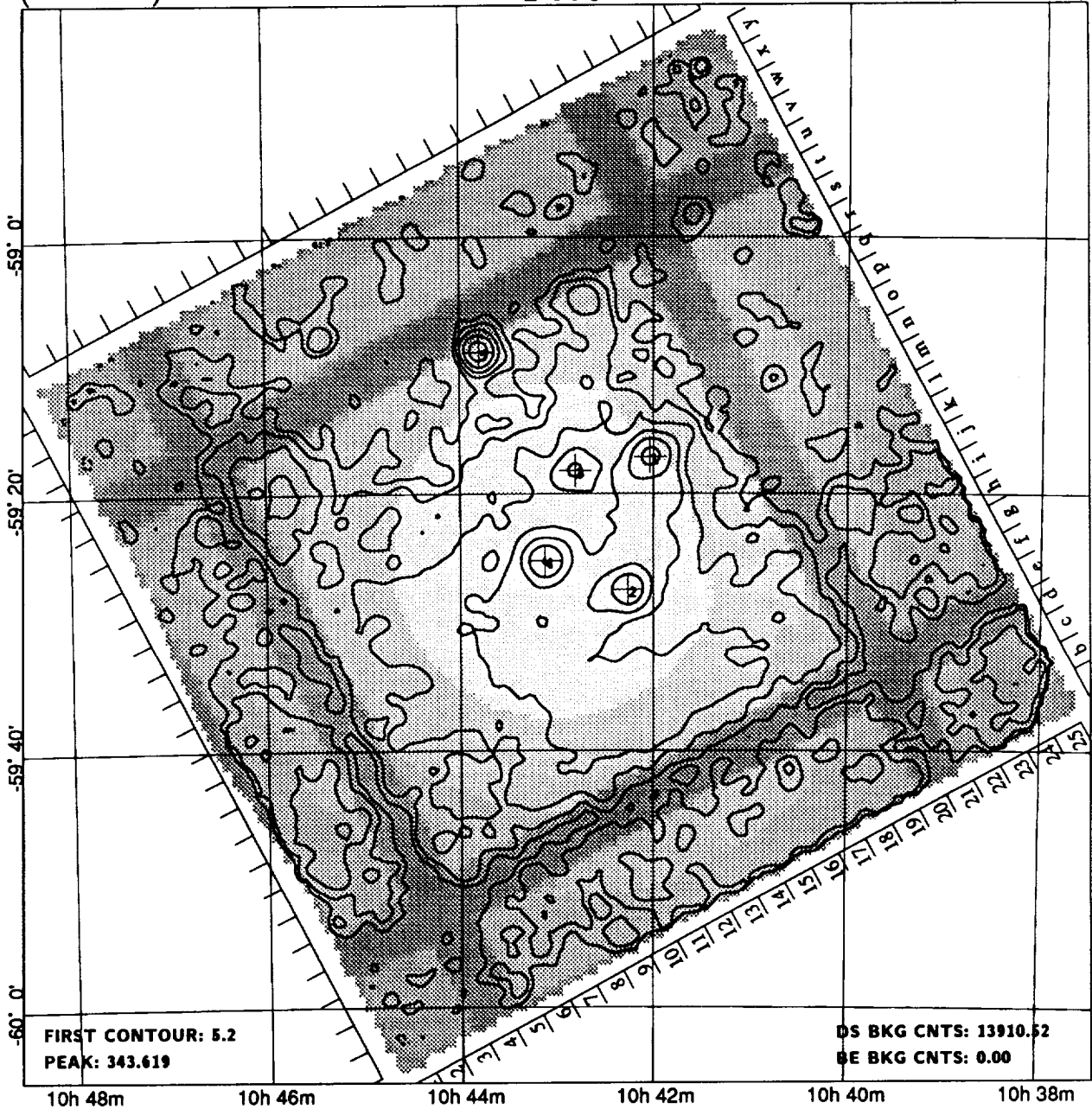
DATE: 1980/145 - 1980/145
 LIVETIME: 3296.9s
 ROLL ANGLE: 70.9°

NH: $6.2\text{E}+19$
 REF/ID:
 FIELD FLAGS: L

(10h 43m)

I 776

(10h 43m)



G287.8-0.5 SNR'S, SEARCH FOR X-RAY EMISSION

FIELD CENTER: $10^h 43^m 00.0^s$ $-59^\circ 23' 59''$ (B1950)
 $10^h 44^m 56.7^s$ $-59^\circ 39' 47''$ (J2000)
 $l: 287.57$ $b: -0.62$

DATE: 1978/356 - 1978/356
 LIVETIME: 11272.1s
 ROLL ANGLE: -118.1°

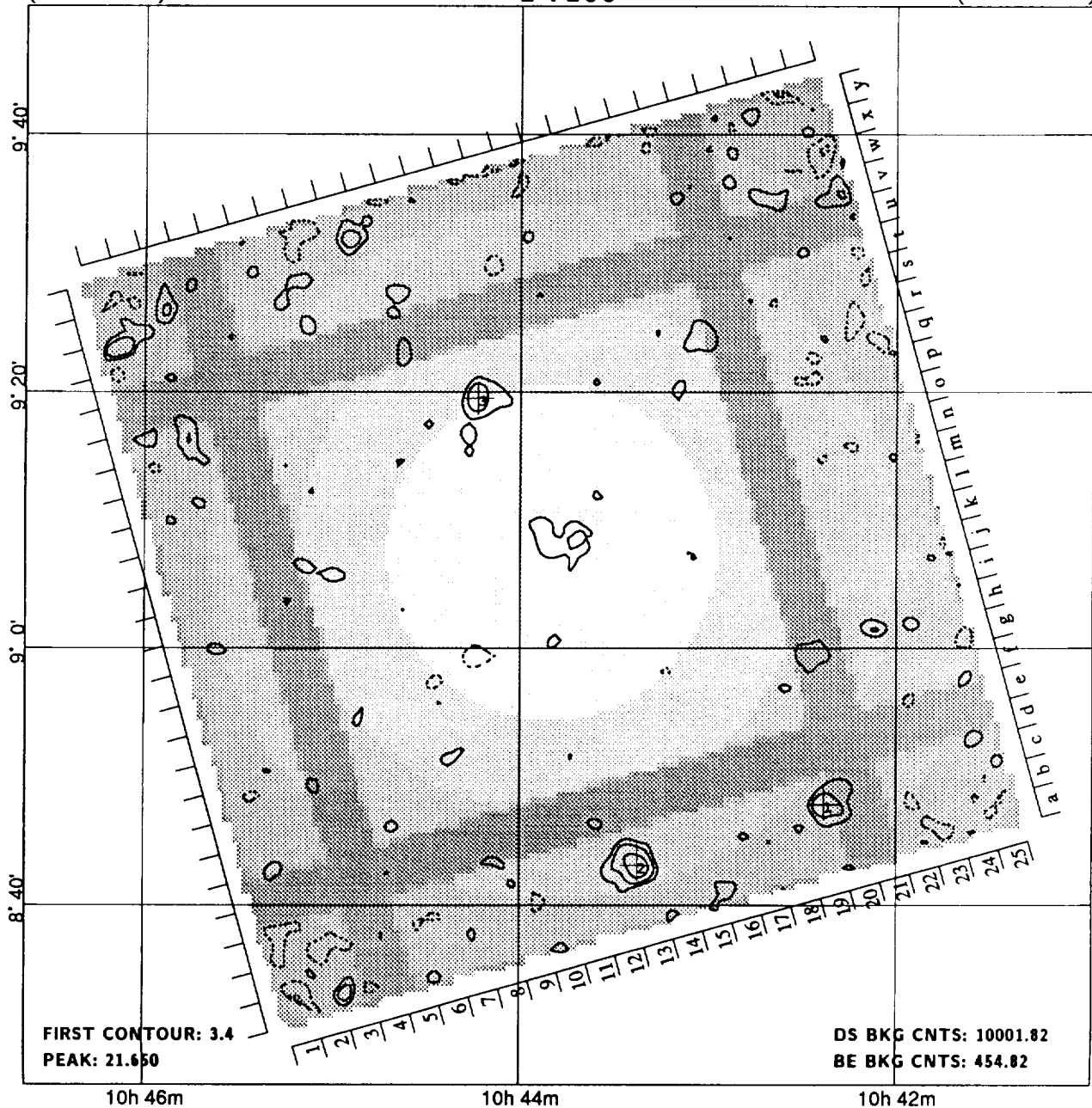
NH: $1.5E+21$
 REF/ID: *
 FIELD FLAGS: L

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	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	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	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 *	S
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	S

(10h 43m)

I 7106

(10h 43m)



JUPITER

FIELD CENTER: $10^h 43^m 48.0^s$ $09^\circ 08' 02''$ (B1950)
 $10^h 46^m 25.1^s$ $08^\circ 52' 13''$ (J2000)
 $l: 238.74$ $b: 55.29$

DATE: 1979/337 - 1979/337
 LIVETIME: 8104.8s
 ROLL ANGLE: -105.5°

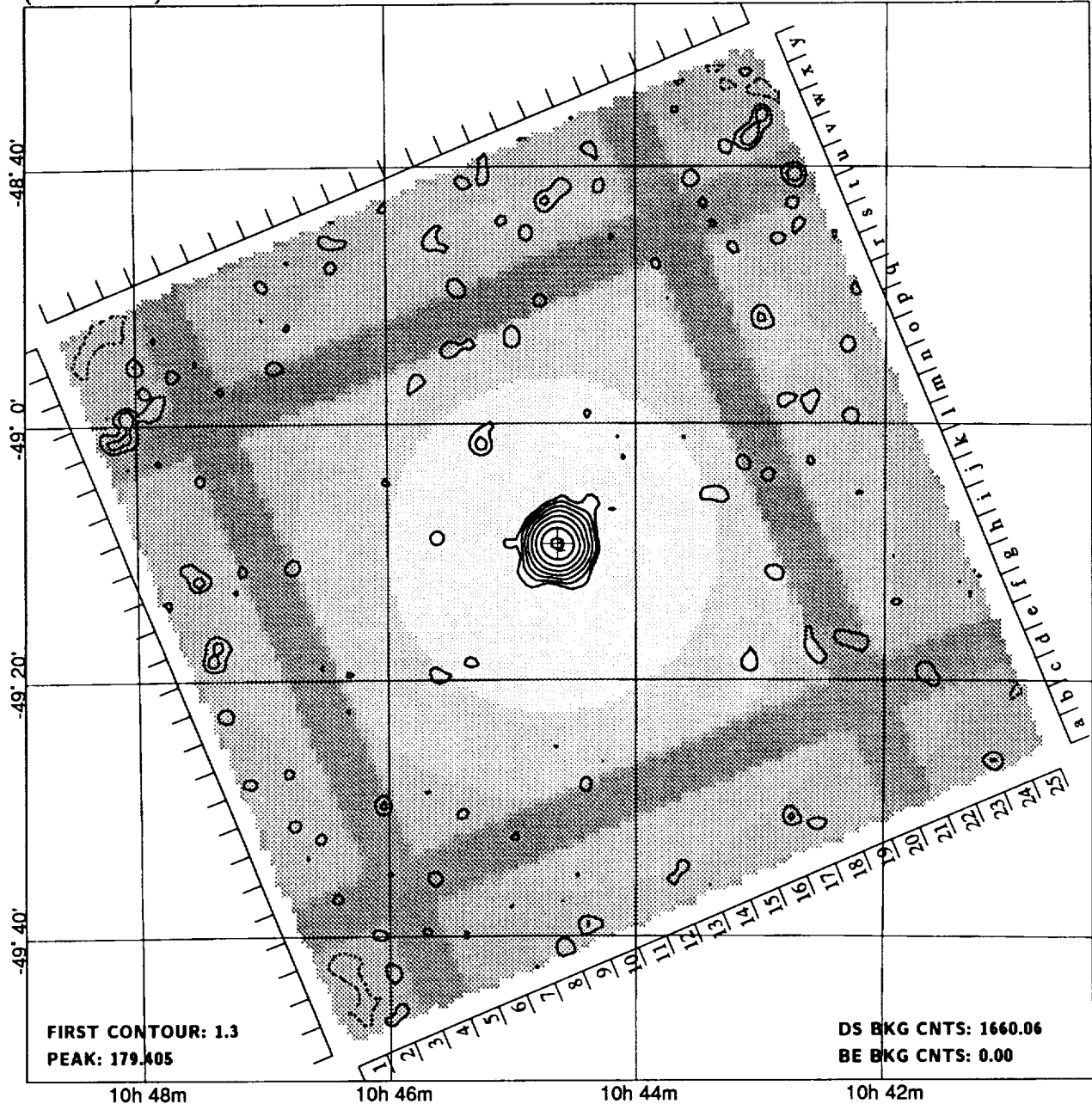
NH: $2.7E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(10h 44m)

I 4448

(10h 44m)



MU VEL, CORRELLATION OF X RAYS WITH STELLAR WIND AND ROTATION

FIELD CENTER: $10^h 44^m 37.0^s$ $-49^\circ 09' 19''$ (B1950)
 $10^h 46^m 46.0^s$ $-49^\circ 25' 09''$ (J2000)
 $l: 283.03$ $b: 8.57$

DATE: 1979/348 - 1979/348
 LIVETIME: 1345.2s
 ROLL ANGLE: -112.6°

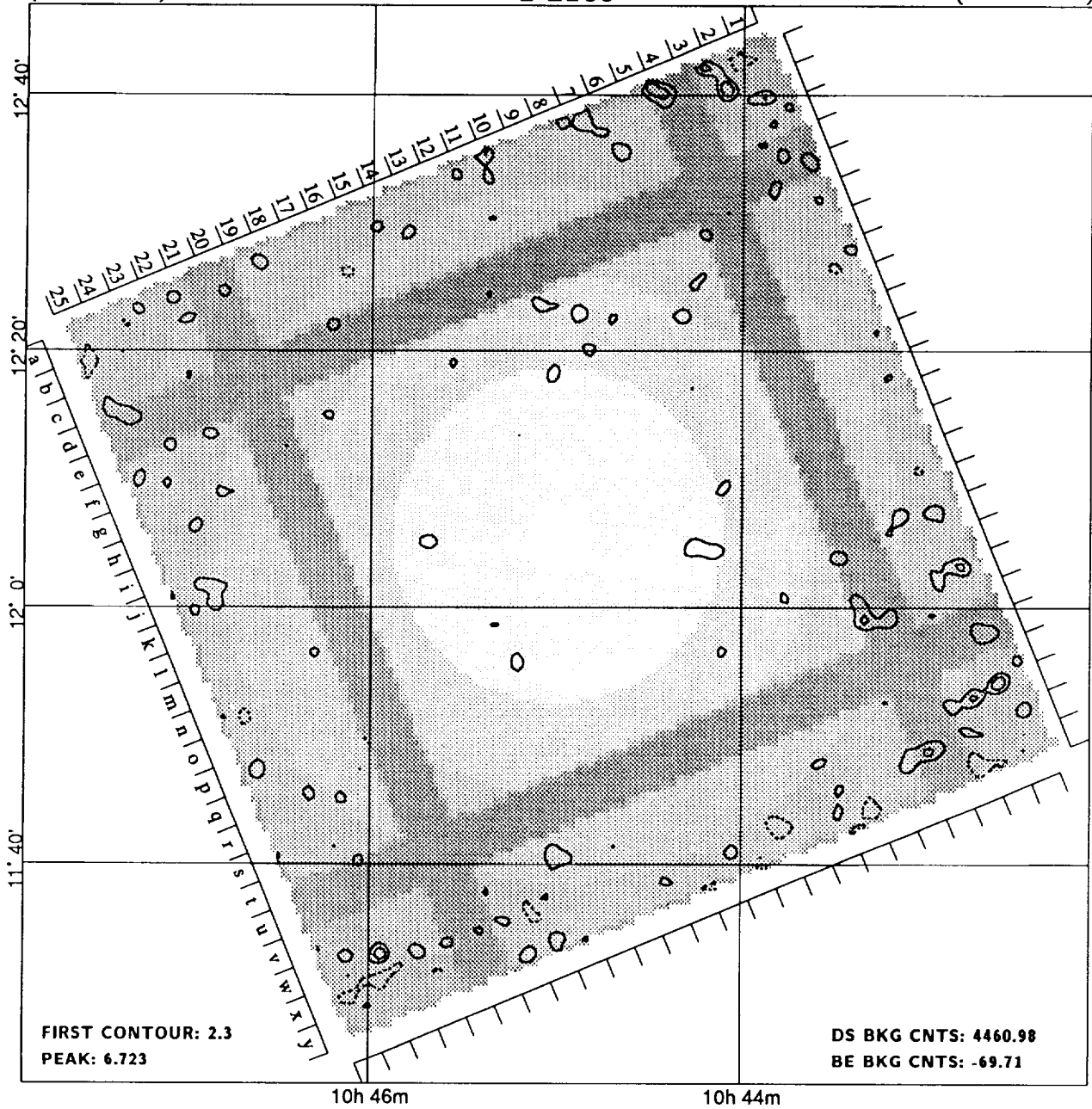
NH: $1.4E+21$
 REF/ID:
 FIELD FLAGS: L

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: $10^h 45^m 00.0^s$ $12^\circ 04' 52''$ (B1950)
 $10^h 47^m 38.2^s$ $11^\circ 49' 01''$ (J2000)
 $l: 234.65$ $b: 57.19$

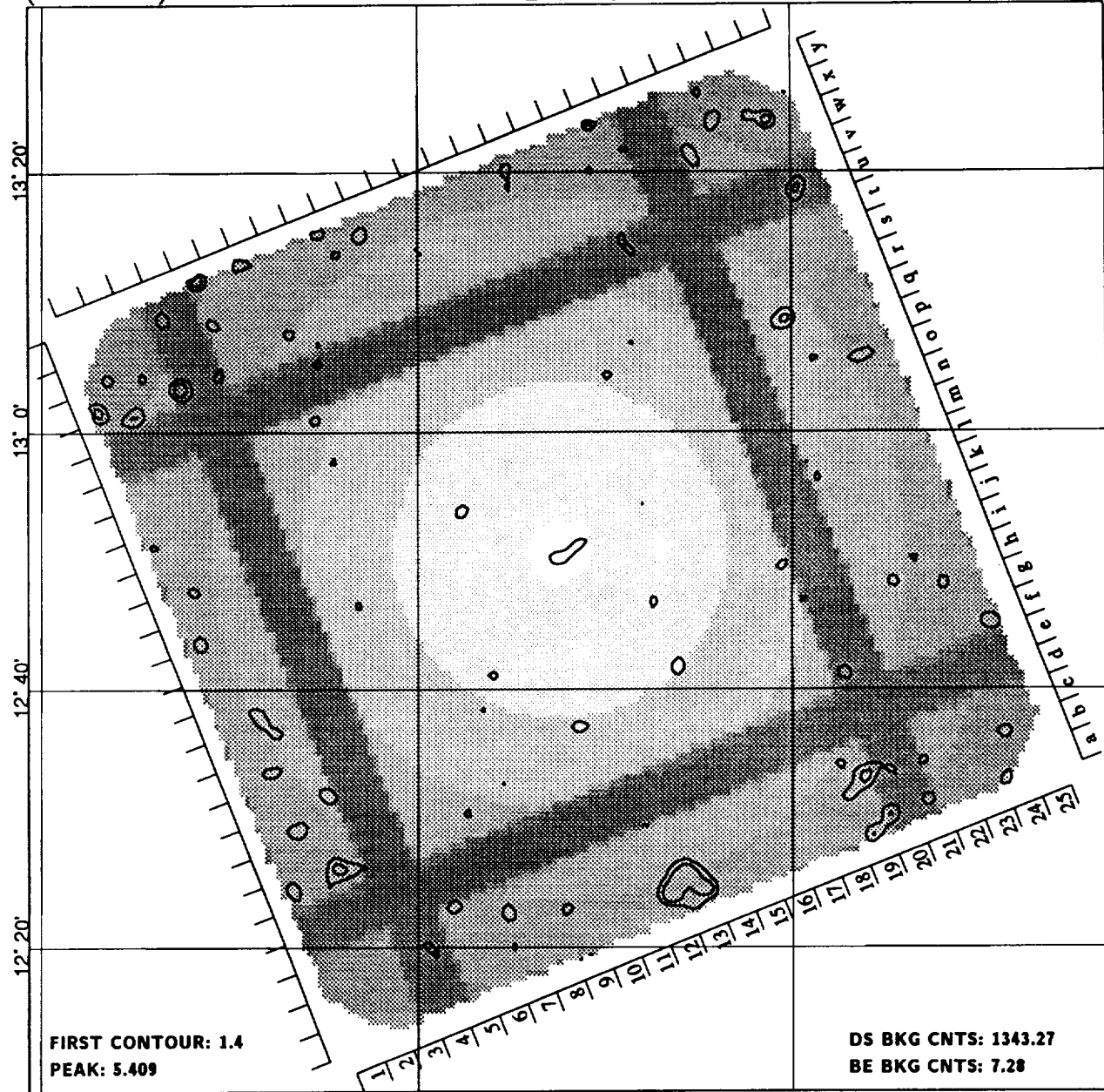
DATE: 1980/148 - 1980/148
 LIVETIME: 3614.9s
 ROLL ANGLE: 67.6°

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

(10h 45m)

I 2110

(10h 45m)



FIRST CONTOUR: 1.4
PEAK: 5.409

DS BKG CNTS: 1343.27
BE BKG CNTS: 7.28

10h 48m

10h 46m

10h 44m

X-RAY SURVEY OF NORMAL GALAXIES: NGC3379=M105

FIELD CENTER: $10^h 45^m 12.0^s$ $12^\circ 50' 59''$ (B1950)
 $10^h 47^m 50.5^s$ $12^\circ 35' 08''$ (J2000)
 $l: 233.49$ $b: 57.64$

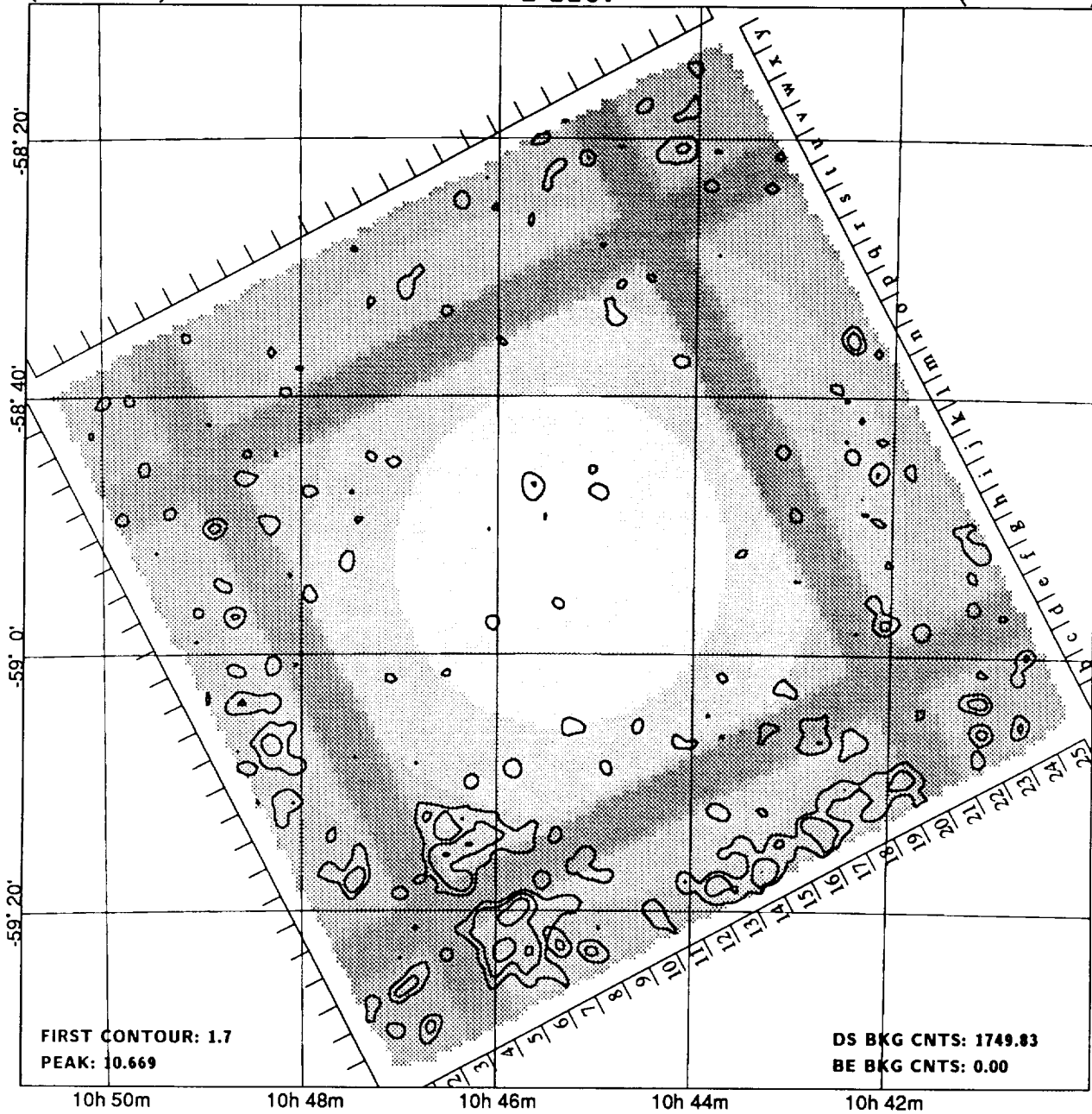
DATE: 1979/342 - 1979/342
LIVETIME: 1088.5s
ROLL ANGLE: -111.6°

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

(10h 45m)

I 1167

(10h 45m)



ETA CARINA GALACTIC PLANE SURVEY

FIELD CENTER: $10^h 45^m 23.4^s$ $-58^\circ 51' 47''$ (B1950)
 $10^h 47^m 22.0^s$ $-59^\circ 07' 38''$ (J2000)
 $l: 287.60$ $b: 0.00$

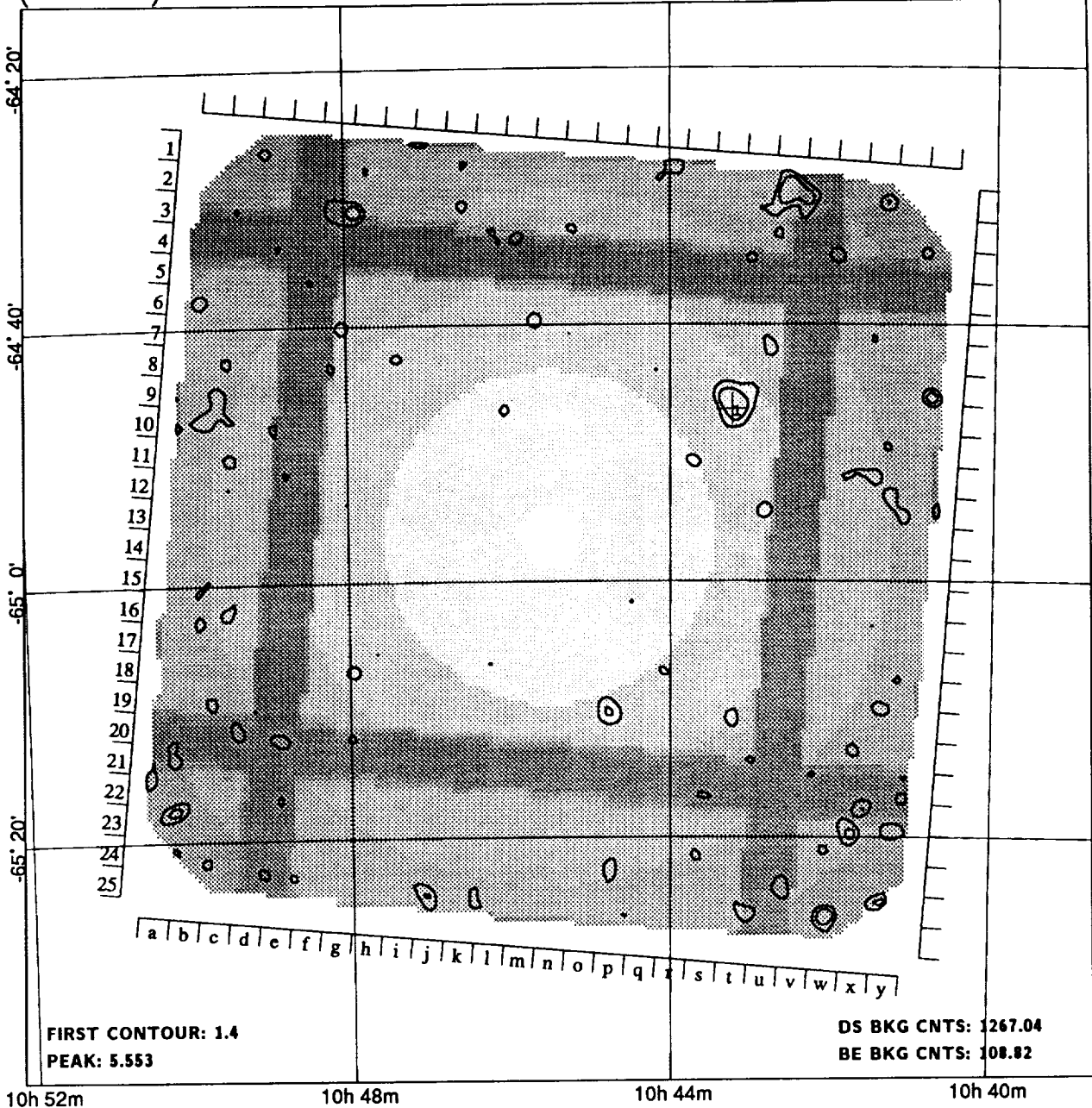
DATE: 1978/356 - 1978/356
 LIVETIME: 1417.9s
 ROLL ANGLE: -117.8°

NH: $1.4E+21$
 REF/ID: S
 FIELD FLAGS: L

(10h 45m)

I 4139

(10h 45m)



10h 52m

10h 48m

10h 44m

10h 40m

H1049-65 POSITION

FIELD CENTER: $10^h 45^m 24.0^s$ $-64^\circ 56' 59''$ (B1950)
 $10^h 47^m 12.2^s$ $-65^\circ 12' 50''$ (J2000)
 $l: 290.38$ $b: -5.41$

DATE: 1980/237 - 1980/237
 LIVETIME: 1026.7s
 ROLL ANGLE: 4.9°

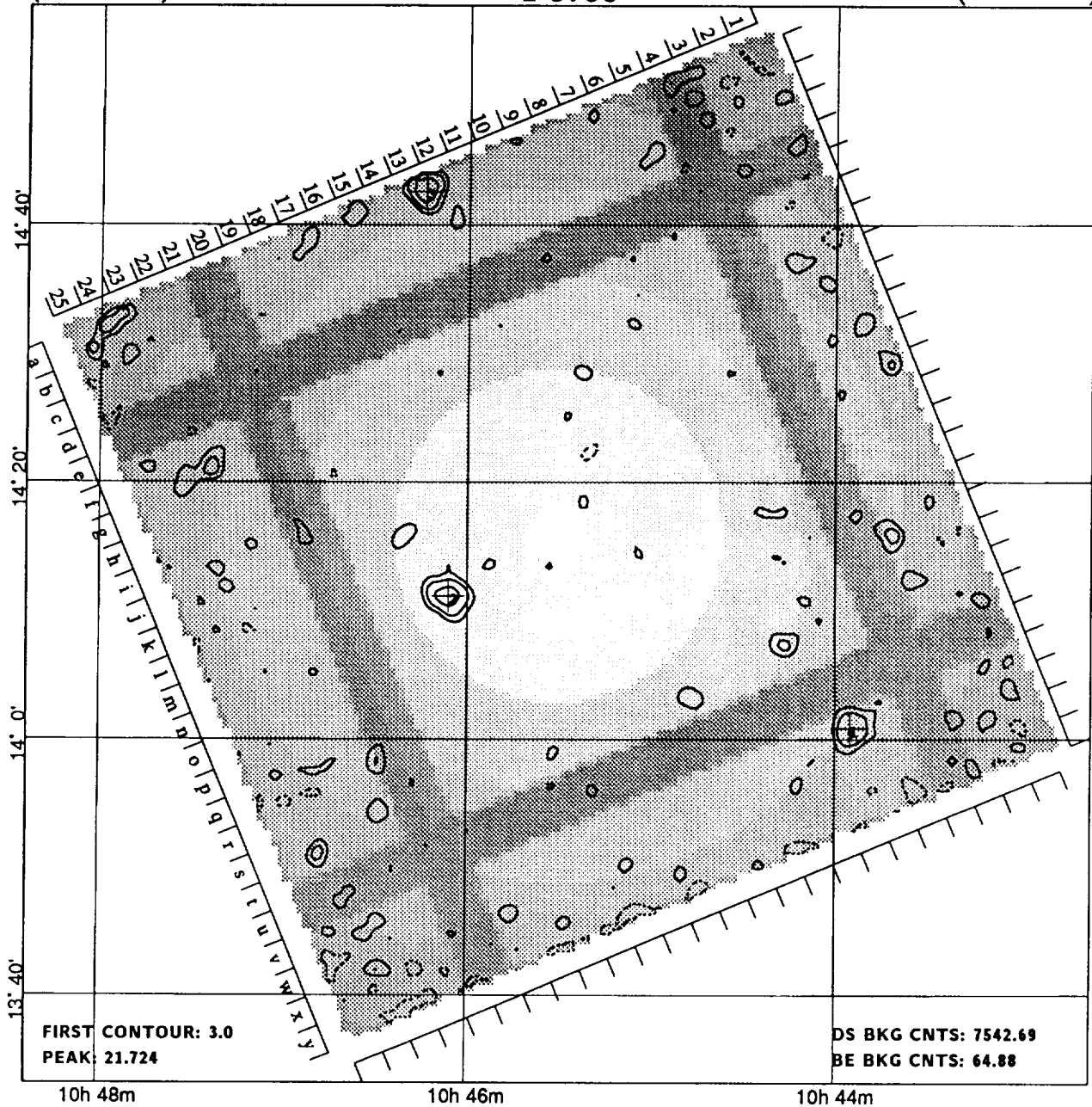
NH: $1.2E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)



FIRST CONTOUR: 3.0
PEAK: 21.724

DS BKG CNTS: 7542.69
BE BKG CNTS: 64.88

10h 48m

10h 46m

10h 44m

NORMAL GALAXIES: N3377

FIELD CENTER: $10^h 45^m 30.5^s$ $14^\circ 15' 07''$ (B1950)
 $10^h 48^m 09.5^s$ $13^\circ 59' 15''$ (J2000)
 $l: 231.28$ $b: 58.41$

DATE: 1980/147 - 1980/147
LIVETIME: 6112.1s
ROLL ANGLE: 67.4°

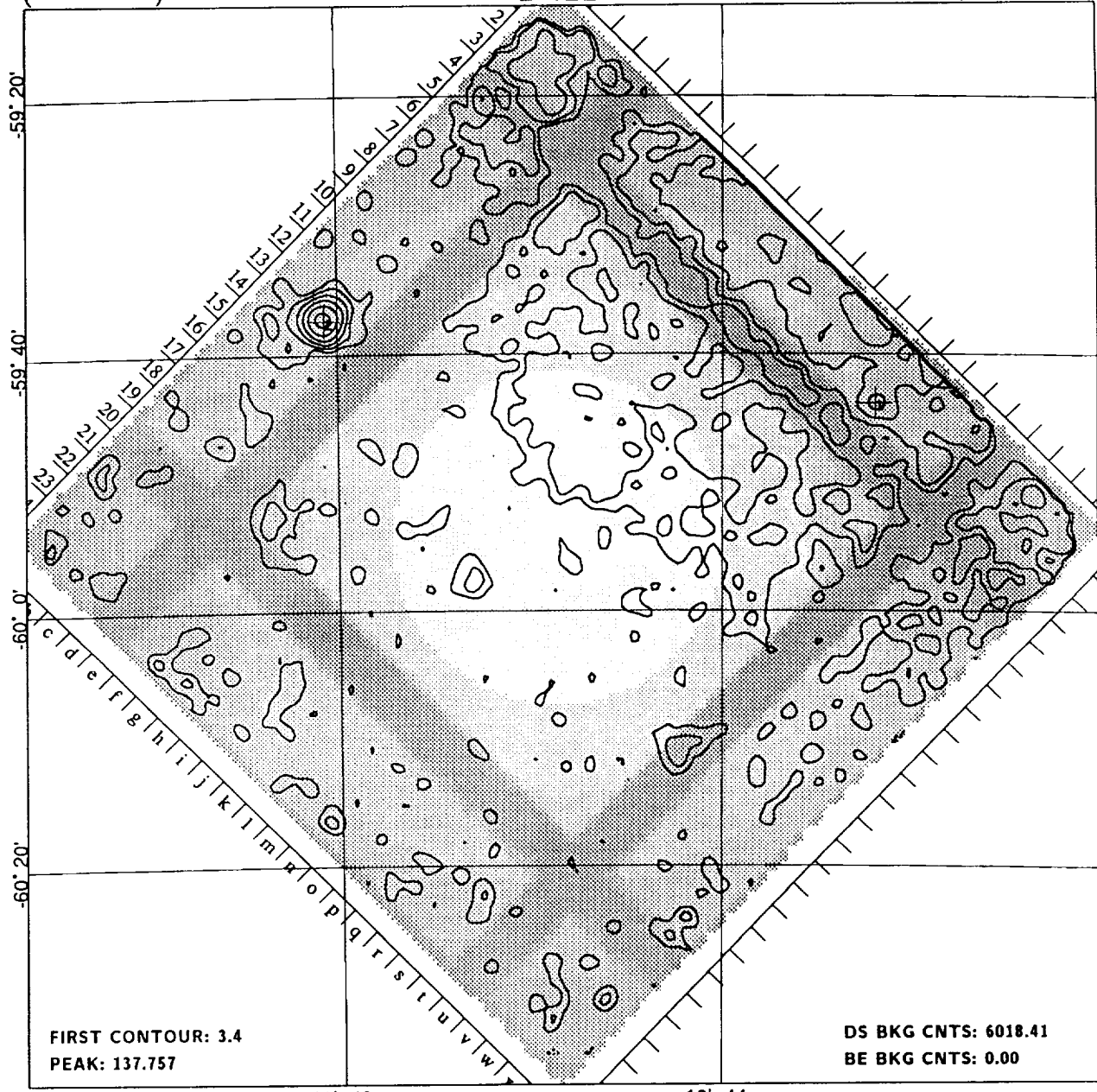
NH: $2.9E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^h 45^m 40.0^s -59^\circ 54' 59''$ (B1950)
 $10^h 47^m 37.2^s -60^\circ 10' 50''$ (J2000)
 $l: 288.11 \quad b: -0.92$

DATE: 1979/194 - 1979/194
 LIVETIME: 4876.9s
 ROLL ANGLE: 44.6°

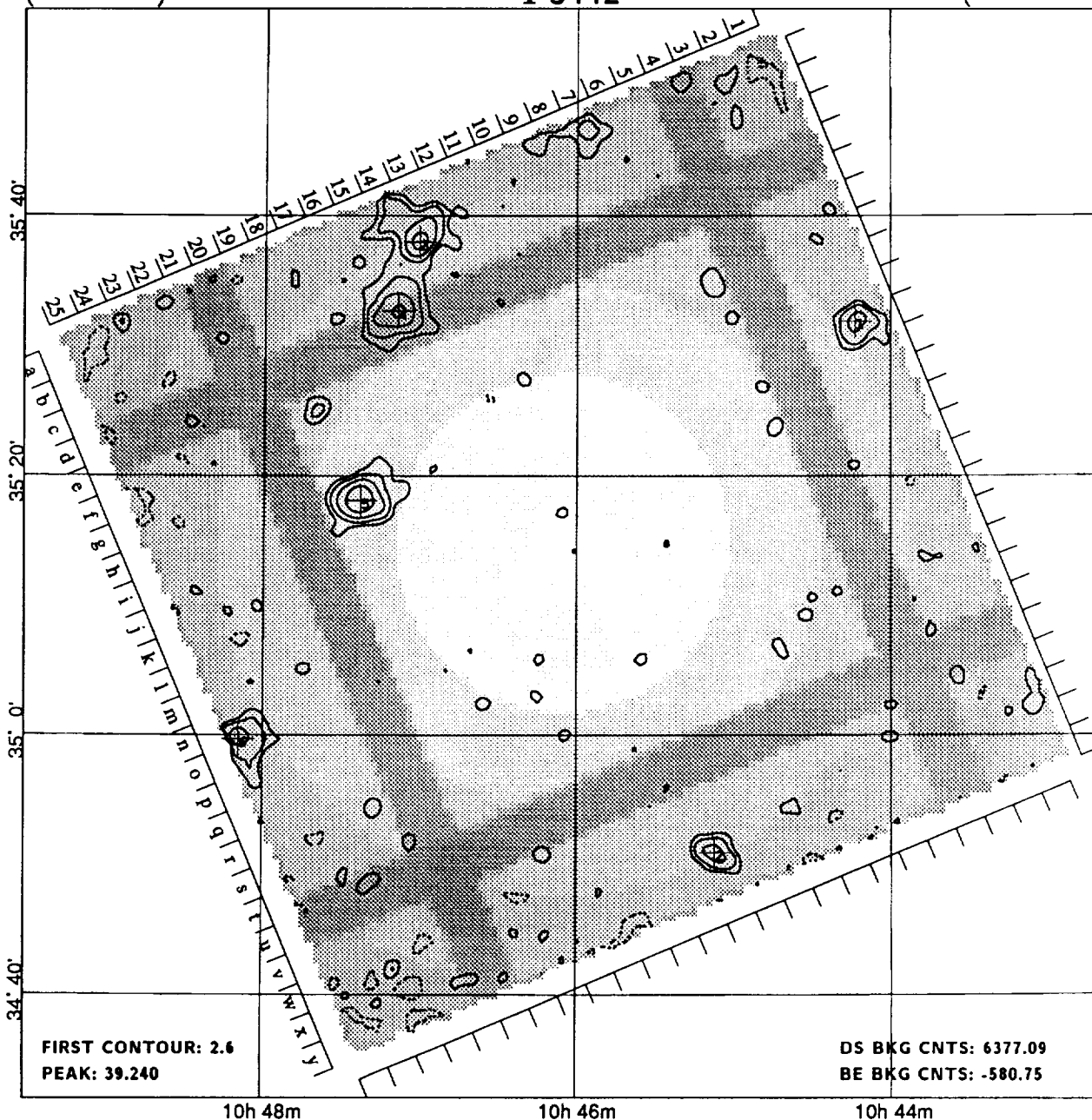
NH: $1.4E+21$
 REF/ID: Q
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(10h 46m)

I 3442

(10h 46m)



A 1099, MAGNETIC FIELDS IN CLUSTERS OF GALAXIES

FIELD CENTER: $10^{\text{h}}46^{\text{m}}06.0^{\text{s}}$ $35^{\circ}13'59''$ (B1950)
 $10^{\text{h}}48^{\text{m}}54.3^{\text{s}}$ $34^{\circ}58'07''$ (J2000)
 $l: 188.63$ $b: 62.73$

DATE: 1979/145 - 1979/145
 LIVETIME: 5167.5s
 ROLL ANGLE: 67.3°

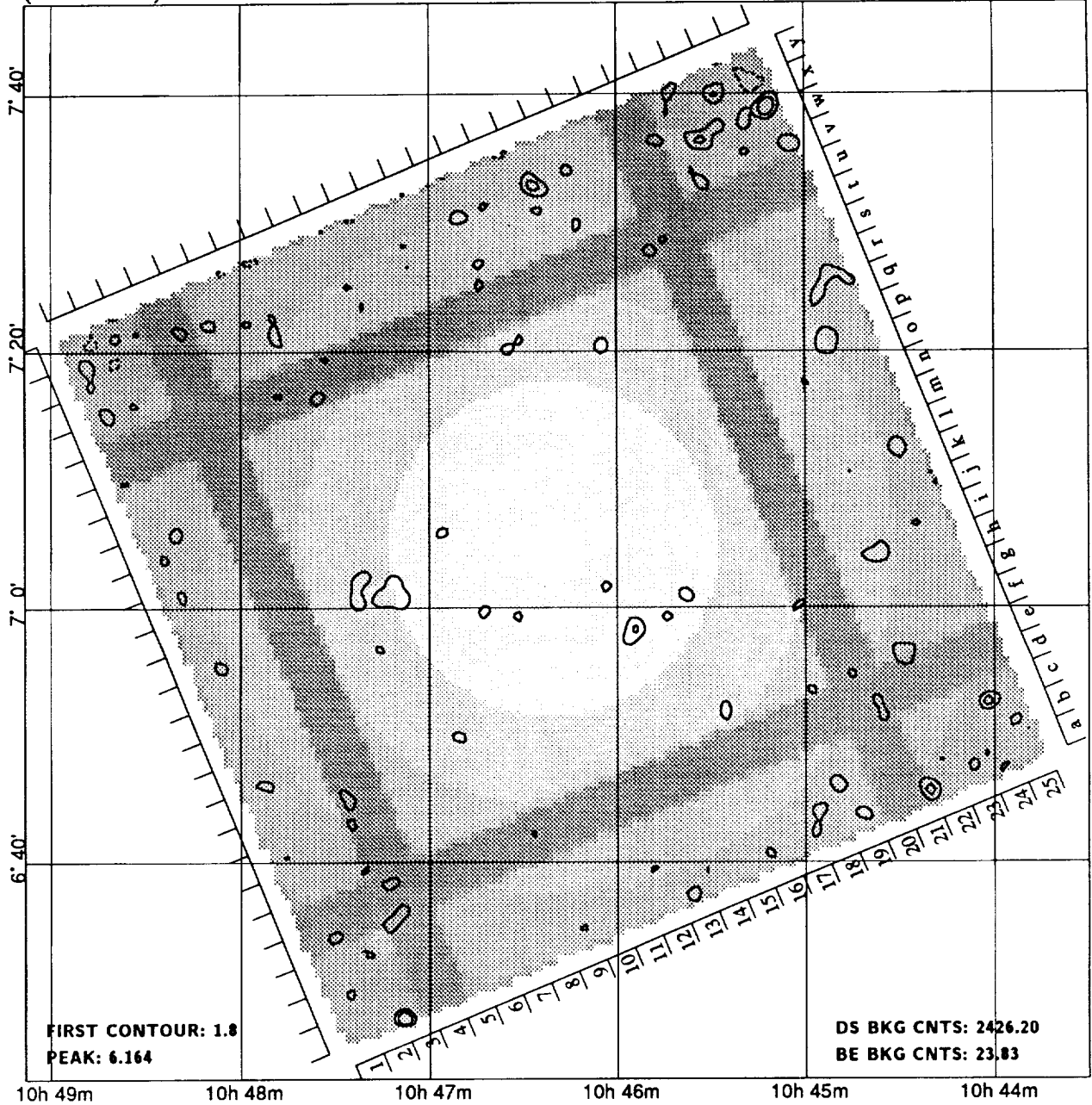
NH: $1.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:

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: $10^{\text{h}}46^{\text{m}}19.0^{\text{s}}$ $07^{\circ}05'05''$ (B1950)
 $10^{\text{h}}48^{\text{m}}55.3^{\text{s}}$ $06^{\circ}49'13''$ (J2000)
 $l: 242.23$ $b: 54.54$

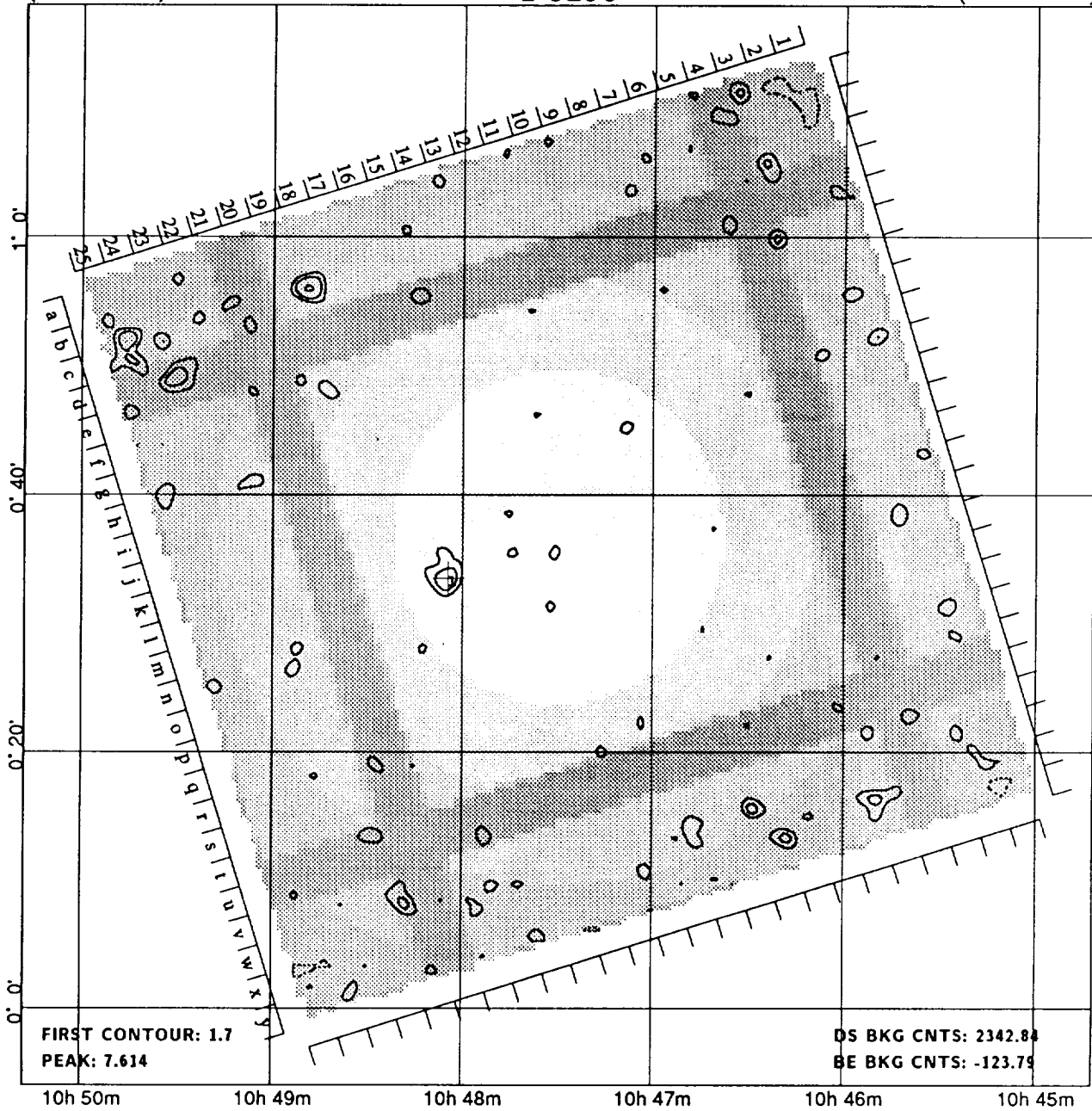
DATE: 1980/348 - 1980/348
 LIVETIME: 1966.0s
 ROLL ANGLE: -112.4°

NH: $2.7\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(10h 47m)

I 3296

(10h 47m)



CD GALAXIES IN POOR CLUSTERS: K30

FIELD CENTER: $10^h 47^m 30.0^s$ $00^\circ 35' 59''$ (B1950)
 $10^h 50^m 03.9^s$ $00^\circ 20' 05''$ (J2000)
 $l: 250.48$ $b: 50.42$

DATE: 1979/168 - 1979/168
 LIVETIME: 1898.5s
 ROLL ANGLE: 72.8°

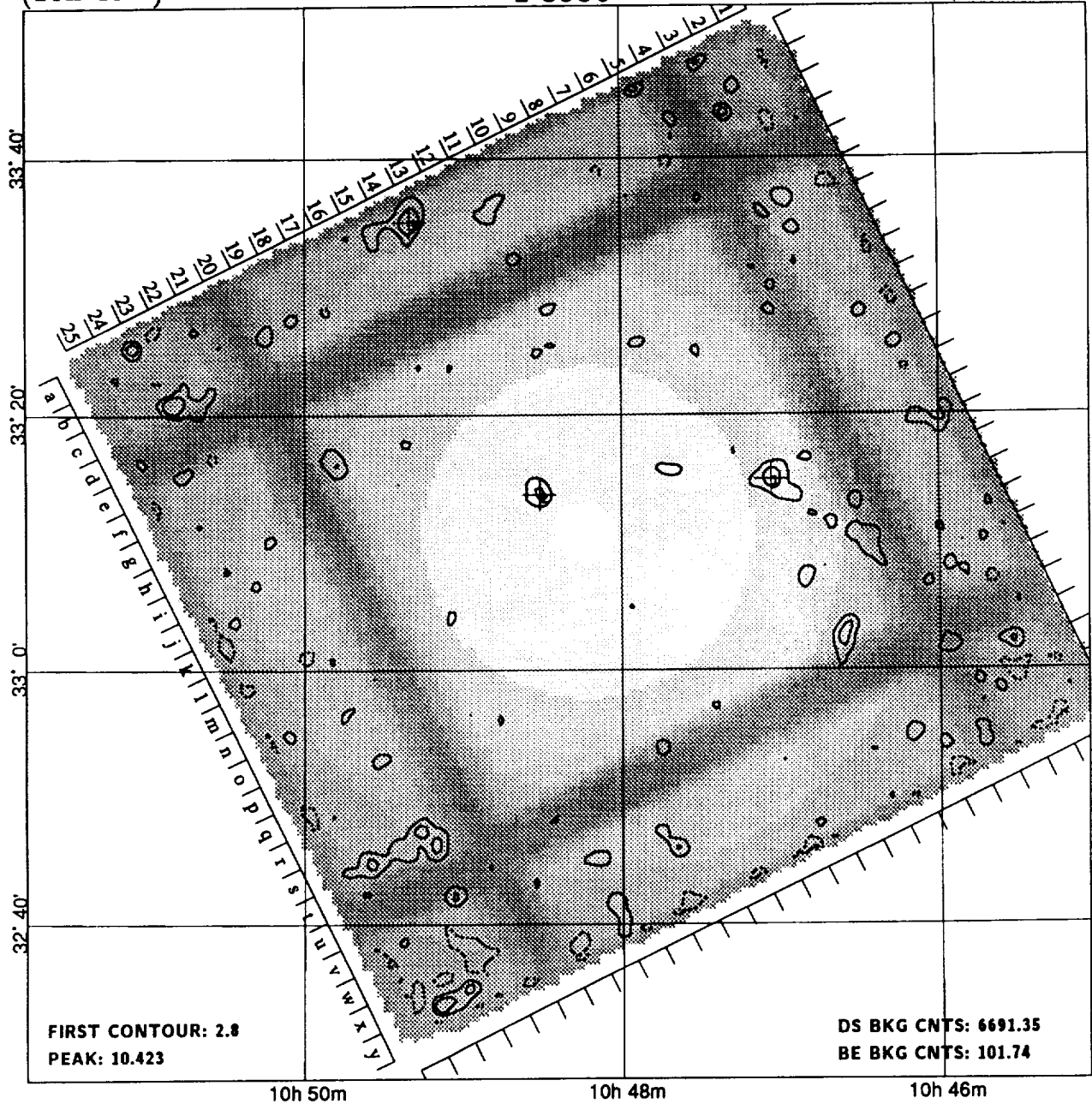
NH: $3.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^h 48^m 24.0^s$ $33^\circ 09' 57''$ (B1950)
 $10^h 51^m 10.8^s$ $32^\circ 54' 02''$ (J2000)
 $l: 193.05$ $b: 63.43$

DATE: 1980/138 - 1980/138
 LIVETIME: 5422.2s
 ROLL ANGLE: 64.0°

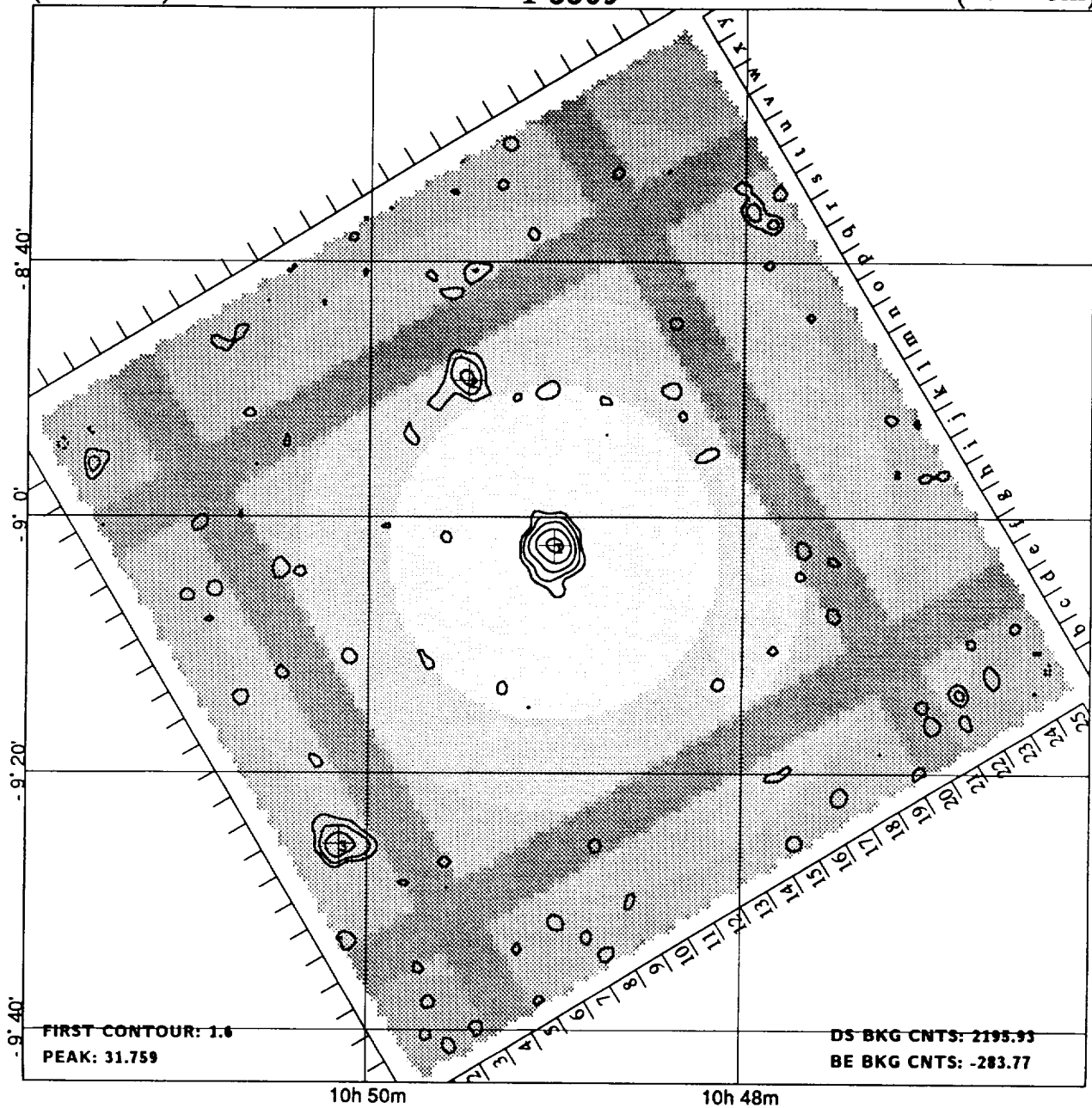
NH: $2.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^h 48^m 59.4^s -09^\circ 02' 12''$ (B1950)
 $10^h 51^m 29.9^s -09^\circ 18' 09''$ (J2000)
 $l: 260.19 \quad b: 43.39$

DATE: 1981/ 5 - 1981/ 5
 LIVETIME: 1779.4s
 ROLL ANGLE: -121.0°

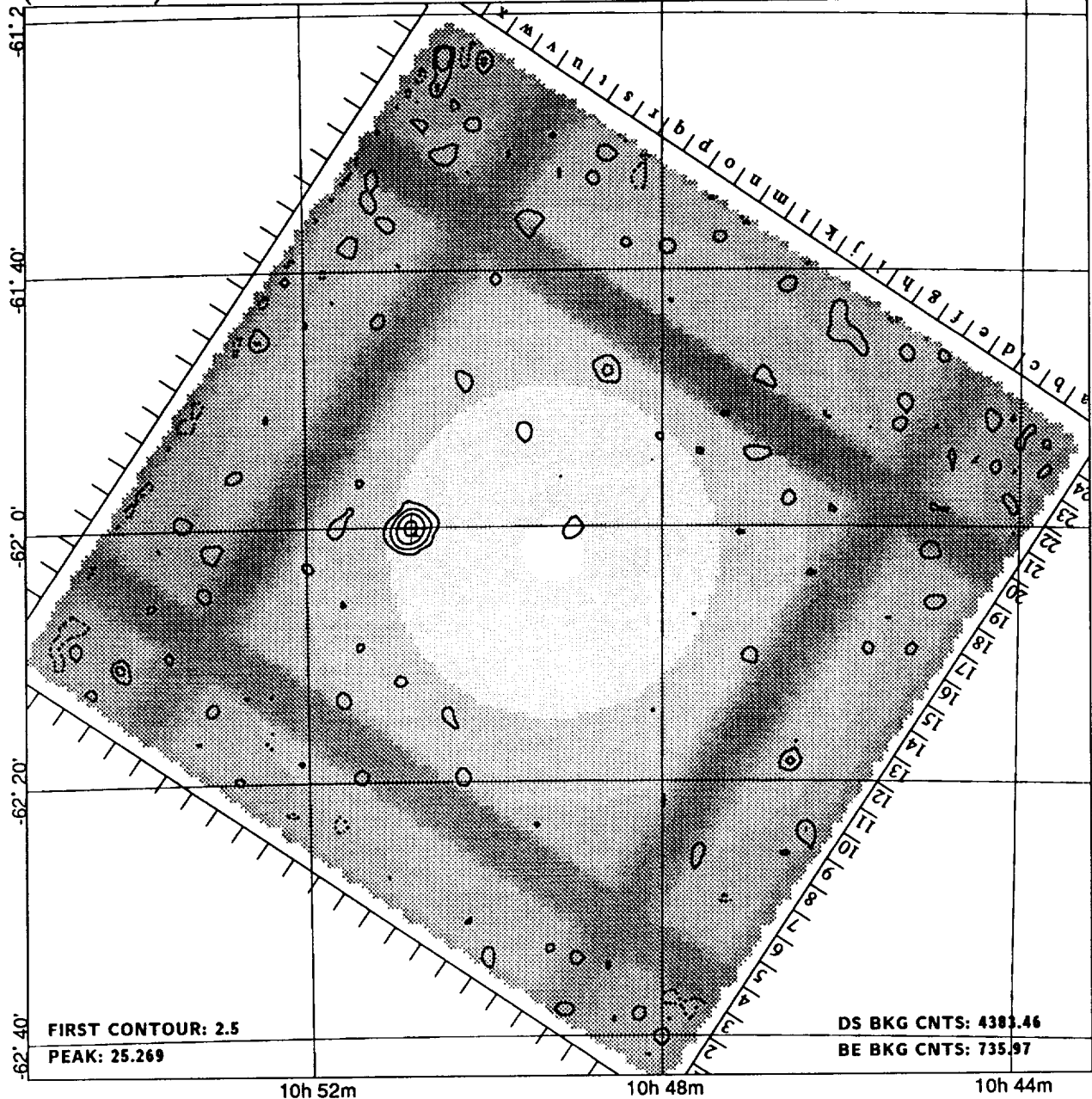
NH: $3.0E+20$
 REF/ID:
 FIELD FLAGS:

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	

(10h 49m)

I 10059

(10h 49m)



CORONAL EMISSION FROM WOLF-RAYET STARS W/OVI EMISSION:HD 94305

FIELD CENTER: $10^h 49^m 10.1^s$ $-62^\circ 01' 07''$ (B1950)
 $10^h 51^m 05.8^s$ $-62^\circ 17' 03''$ (J2000)
 $l: 289.44$ $b: -2.61$

DATE: 1981/ 24 - 1981/ 24
 LIVETIME: 3552.1s
 ROLL ANGLE: -146.3°

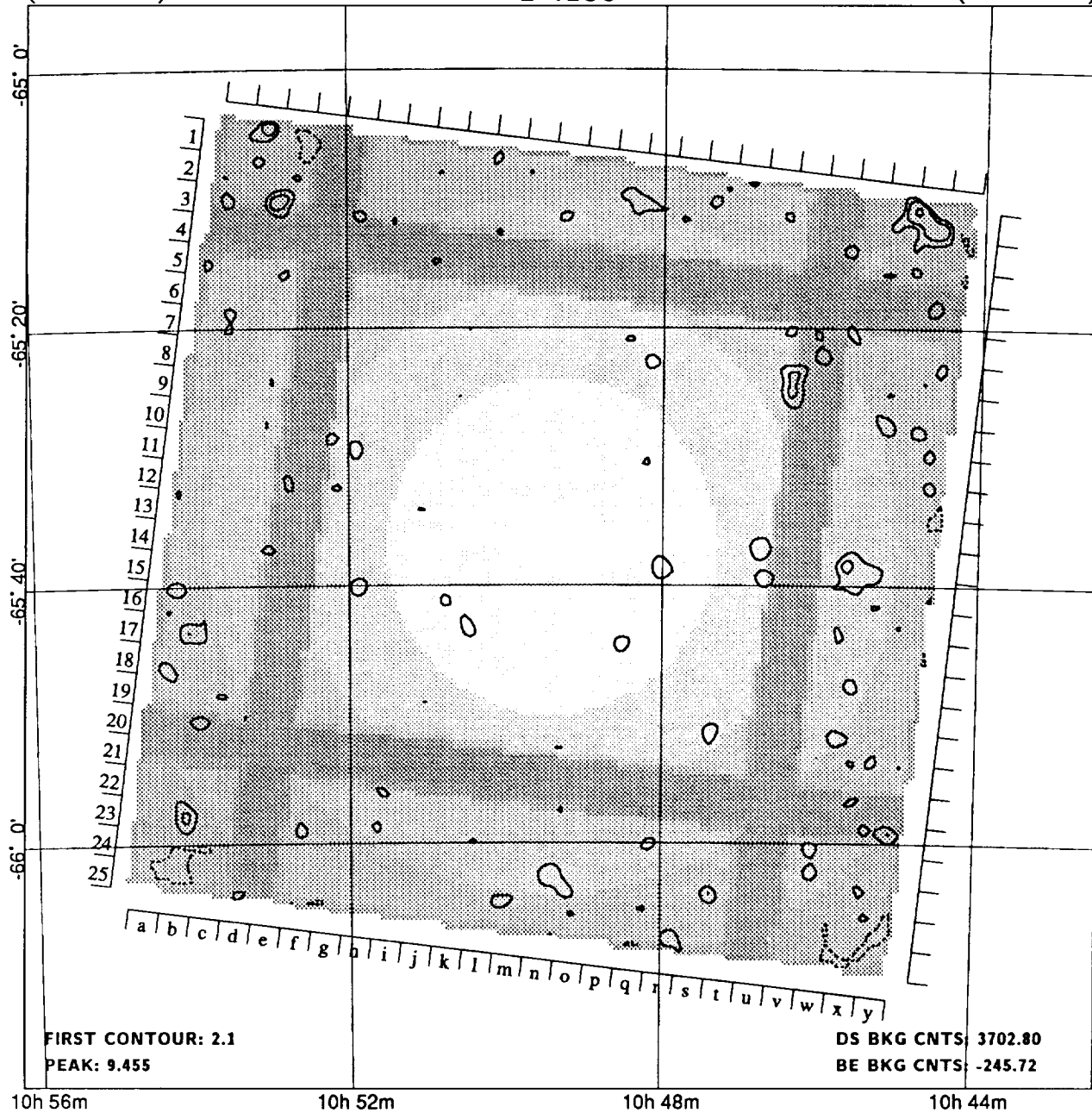
NH: $1.2E+21$
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^h 49^m 19.2^s -65^\circ 37' 11''$ (B1950)
 $10^h 51^m 08.4^s -65^\circ 53' 07''$ (J2000)
 $l: 291.06 \quad b: -5.83$

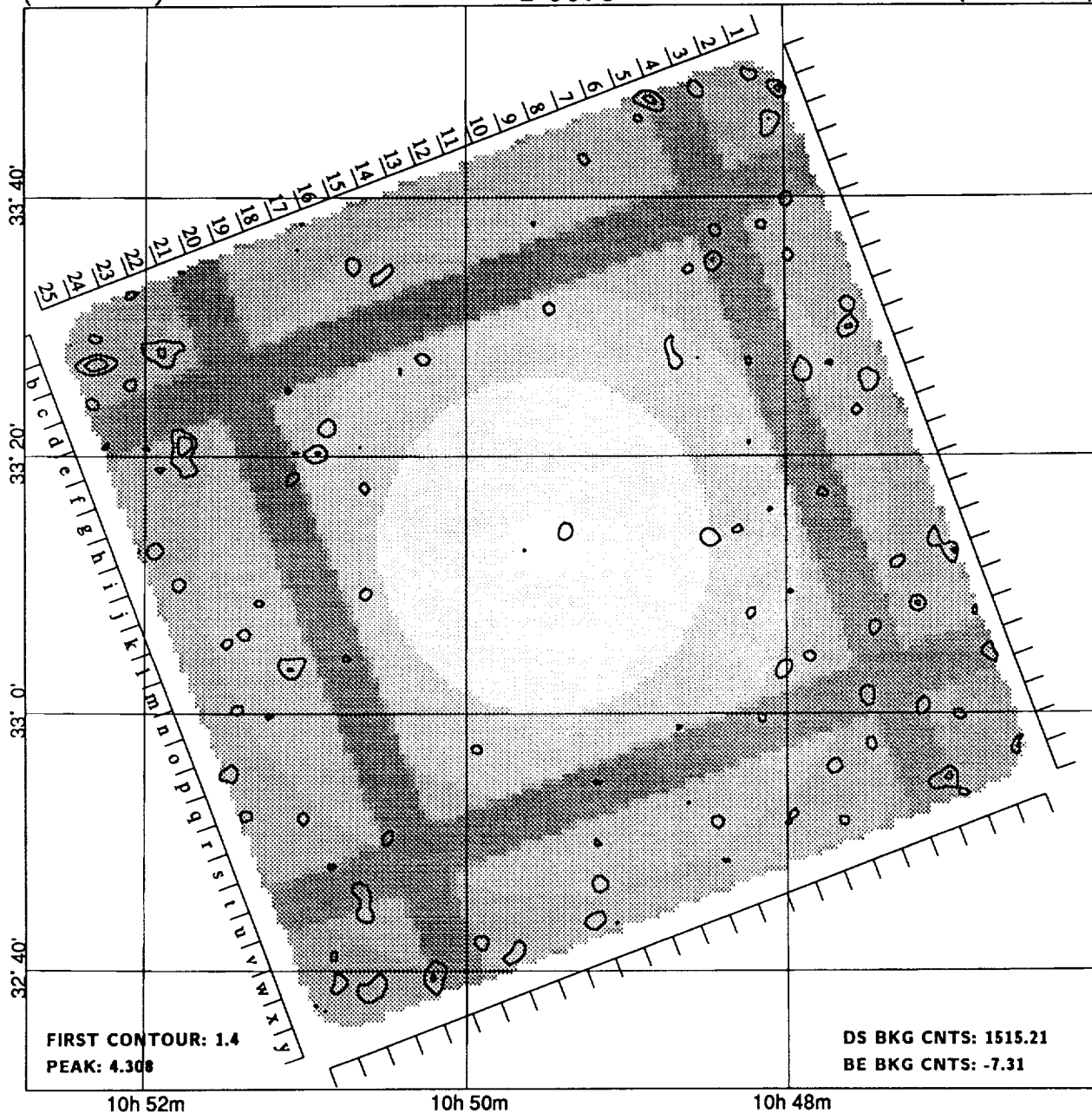
DATE: 1979/239 - 1979/239
LIVETIME: 3000.5s
ROLL ANGLE: 6.8°

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

(10h 49m)

I 6675

(10h 49m)



DE VAU G43, SURVEY OF GROUPS OF GALAXIES

FIELD CENTER: $10^h 49^m 24.0^s$ $33^\circ 12' 53''$ (B1950)
 $10^h 52^m 10.7^s$ $32^\circ 56' 57''$ (J2000)
 $l: 192.91$ $b: 63.64$

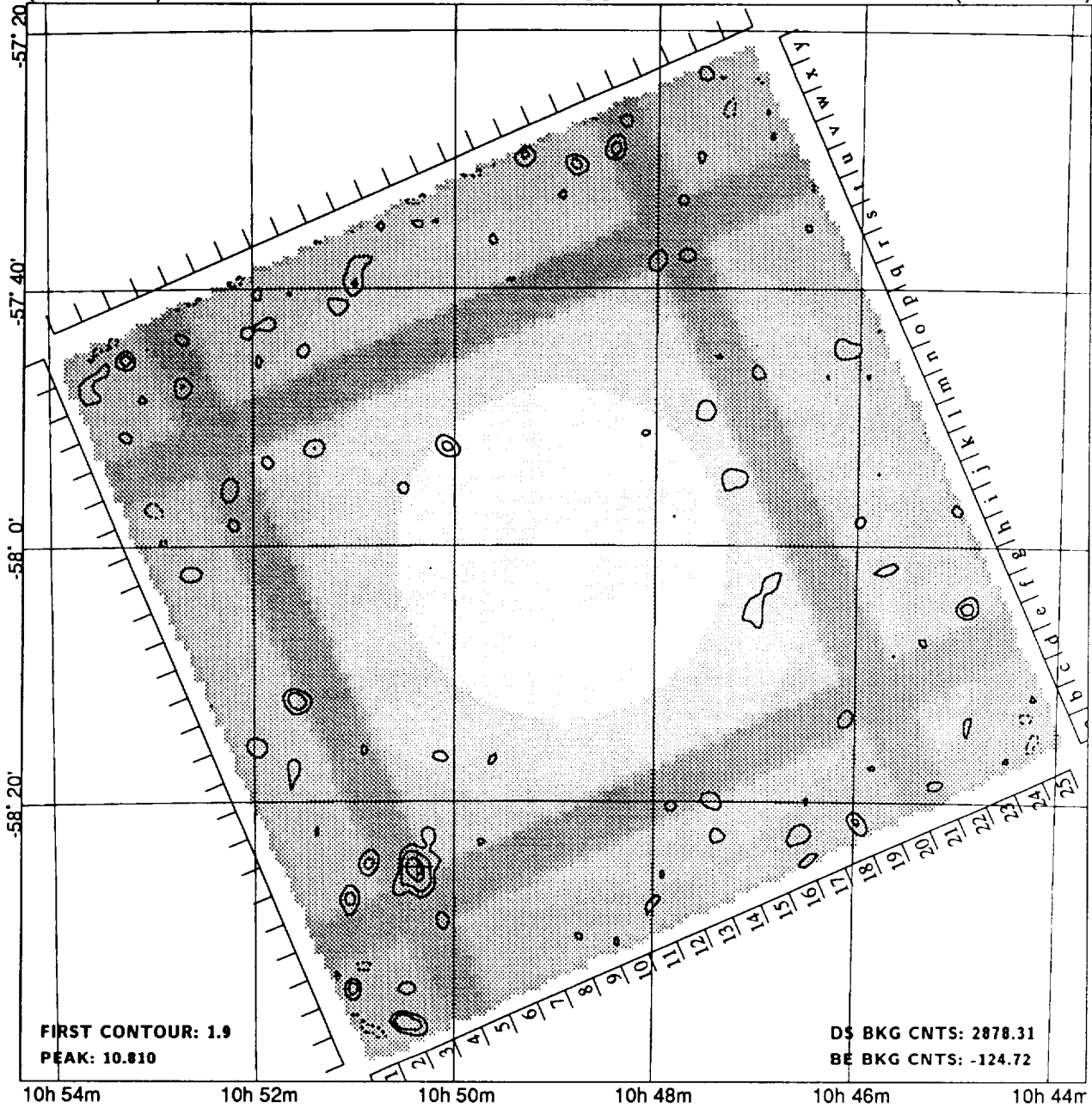
DATE: 1980/152 - 1980/152
 LIVETIME: 1227.8s
 ROLL ANGLE: 69.4°

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

(10h 49m)

I 1168

(10h 49m)



ETA CARINA GALACTIC PLANE SURVEY

FIELD CENTER: $10^h 49^m 00.0^s$ $-57^\circ 59' 59''$ (B1950)
 $10^h 51^m 01.4^s$ $-58^\circ 15' 55''$ (J2000)
 $l: 287.63$ $b: 0.98$

DATE: 1978/357 - 1978/357
 LIVETIME: 2332.4s
 ROLL ANGLE: -113.5°

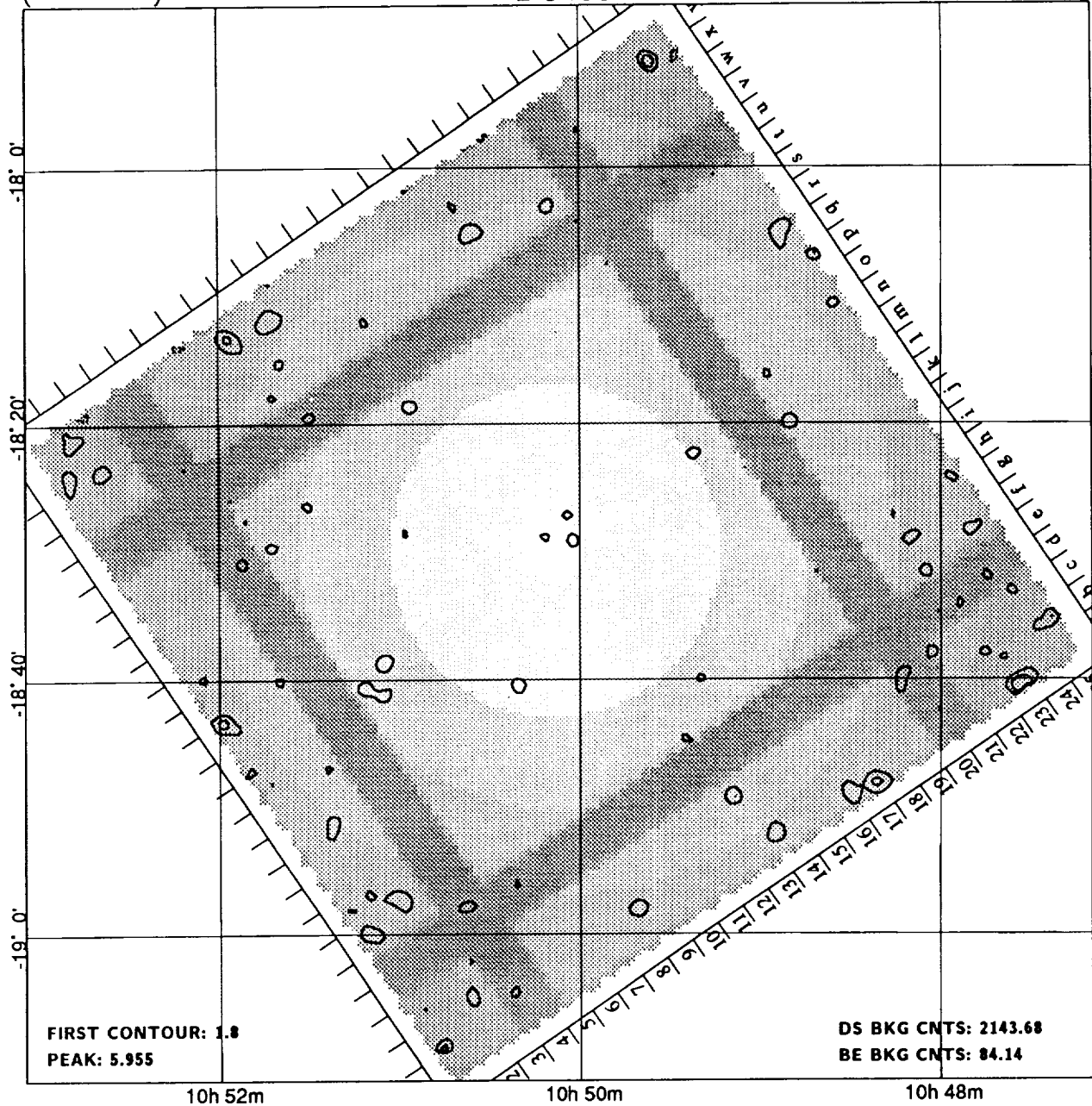
NH: $1.4E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)



FIRST CONTOUR: 1.8
PEAK: 5.955

DS BKG CNTS: 2143.68
BE BKG CNTS: 84.14

10h 52m

10h 50m

10h 48m

1050-184,QSO'S WITH RADIO FLAT SPECTRUM

FIELD CENTER: $10^h 50^m 06.9^s -18^\circ 29' 20''$ (B1950)
 $10^h 52^m 34.0^s -18^\circ 45' 18''$ (J2000)
 $l: 267.56 \quad b: 35.82$

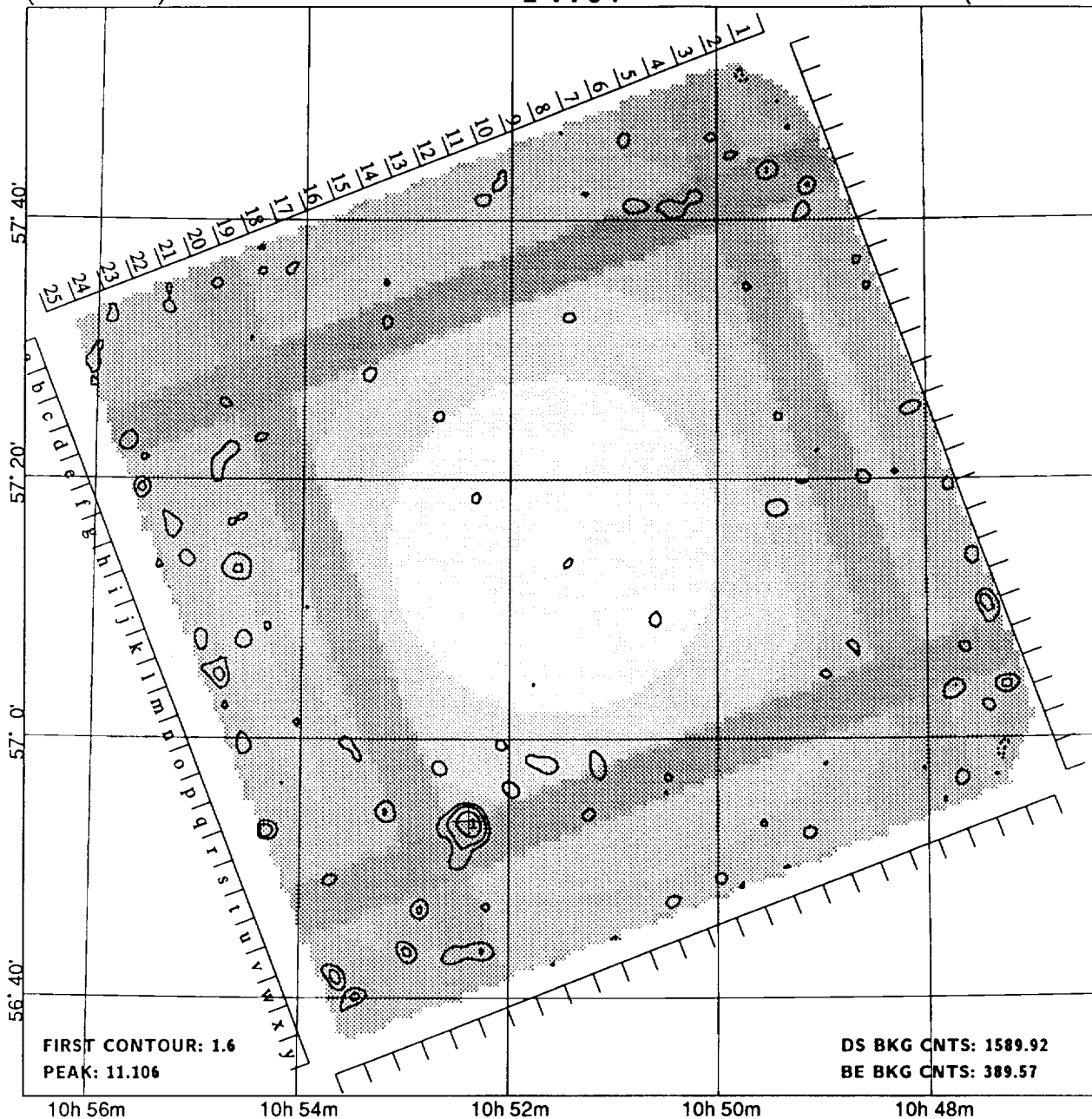
DATE: 1981/ 4 - 1981/ 4
 LIVETIME: 1737.1s
 ROLL ANGLE: -124.0°

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

(10h 51m)

I 7764

(10h 51m)



NGC 3445 A&B, PAIRS OF GALAXIES W/STRONG ELS

FIELD CENTER: $10^{\text{h}}51^{\text{m}}30.0^{\text{s}}$ $57^{\circ}14'29''$ (B1950)
 $10^{\text{h}}54^{\text{m}}33.5^{\text{s}}$ $56^{\circ}58'30''$ (J2000)
 $l: 149.62$ $b: 53.67$

DATE: 1980/145 - 1980/145
 LIVETIME: 1288.4s
 ROLL ANGLE: 68.9°

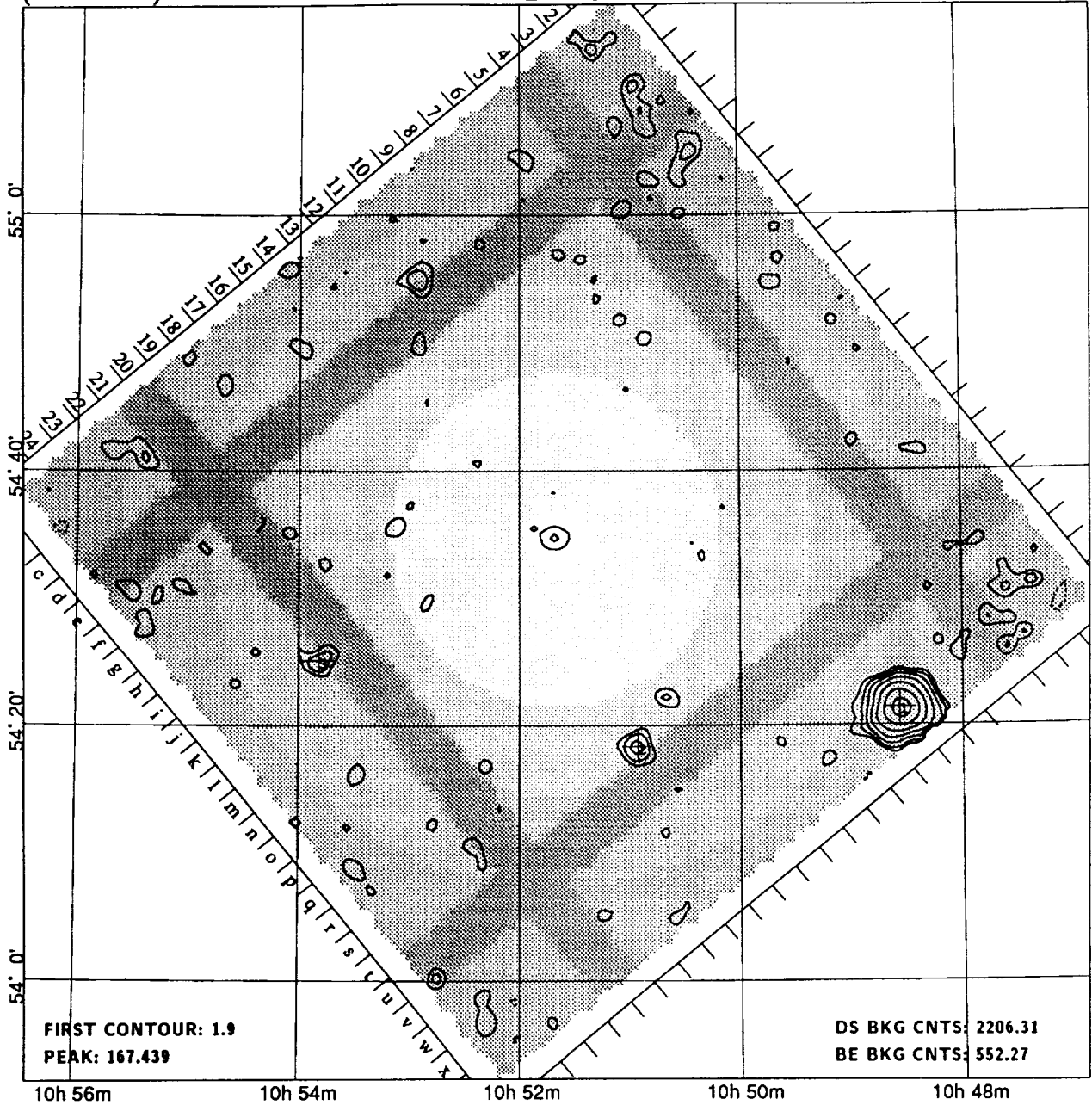
NH: $6.1\text{E}+19$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
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: $10^{\text{h}}51^{\text{m}}39.6^{\text{s}}$ $54^{\circ}34'29''$ (B1950)
 $10^{\text{h}}54^{\text{m}}40.2^{\text{s}}$ $54^{\circ}18'30''$ (J2000)
 $l: 153.05$ $b: 55.45$

DATE: 1979/118 - 1979/118
 LIVETIME: 1787.9s
 ROLL ANGLE: 50.8°

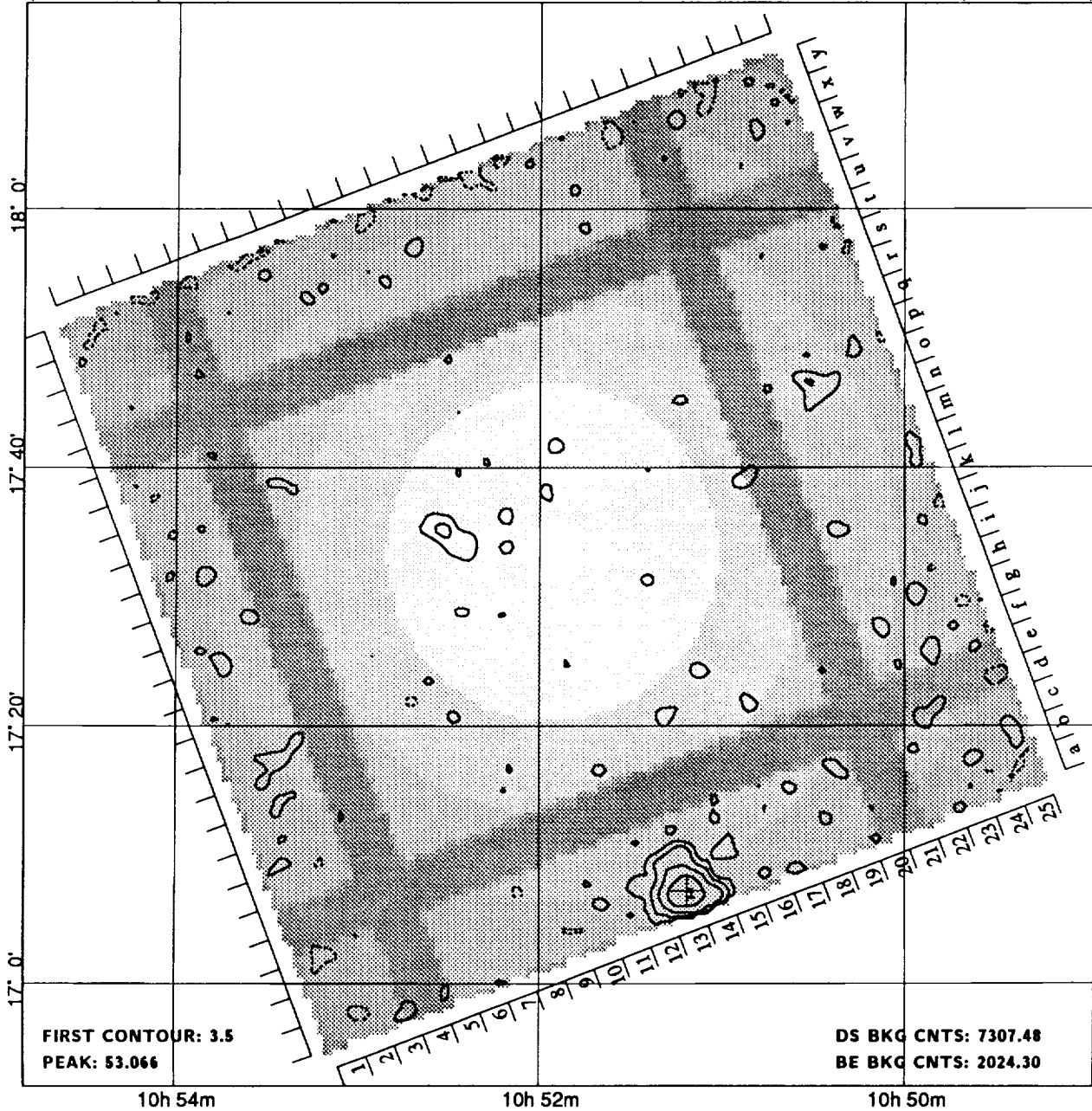
NH: $8.6\text{E}+19$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(10h 51m)

I 7757

(10h 51m)



N 3454/3455, BRIGHT NEARBY PAIRS OF GALAXIES

FIELD CENTER: $10^h 51^m 54.0^s$ $17^\circ 33' 59''$ (B1950)
 $10^h 54^m 33.7^s$ $17^\circ 18' 00''$ (J2000)
 $l: 226.83$ $b: 61.31$

DATE: 1980/346 - 1980/347
 LIVETIME: 5921.5s
 ROLL ANGLE: -110.7°

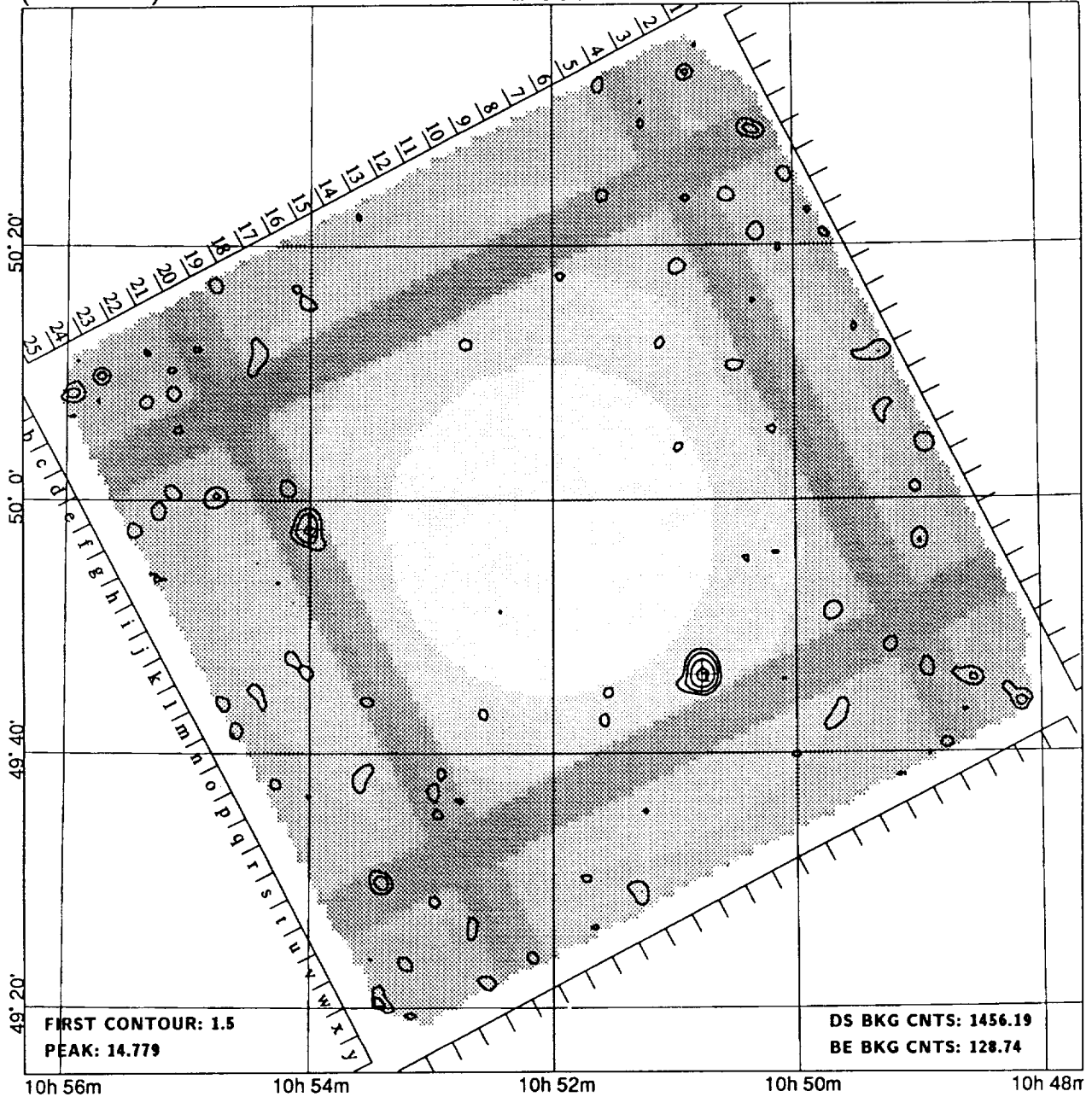
NH: $2.4E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	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: $10^h 52^m 00.0^s$ $49^\circ 56' 59''$ (B1950)
 $10^h 54^m 56.4^s$ $49^\circ 40' 59''$ (J2000)
 $l: 159.74$ $b: 58.29$

DATE: 1980/136 - 1980/136
 LIVETIME: 1180.0s
 ROLL ANGLE: 62.5°

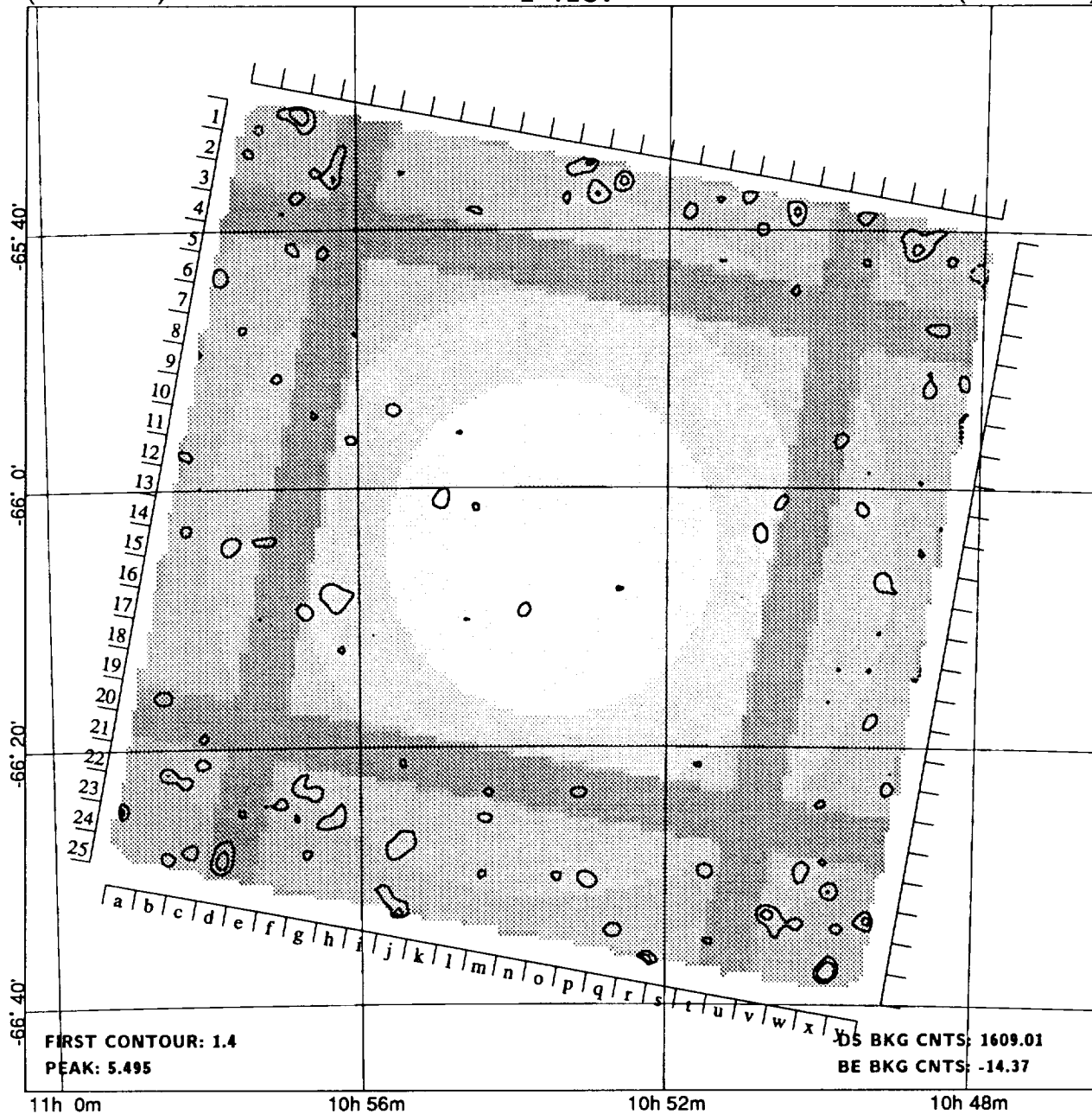
NH: $1.3E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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		

(10h 53m)

I 4137

(10h 53m)



H1049-65 POSITION

FIELD CENTER: $10^h 53^m 24.0^s$ $-66^\circ 04' 47''$ (B1950)
 $10^h 55^m 14.9^s$ $-66^\circ 20' 49''$ (J2000)
 $l: 291.64$ $b: -6.06$

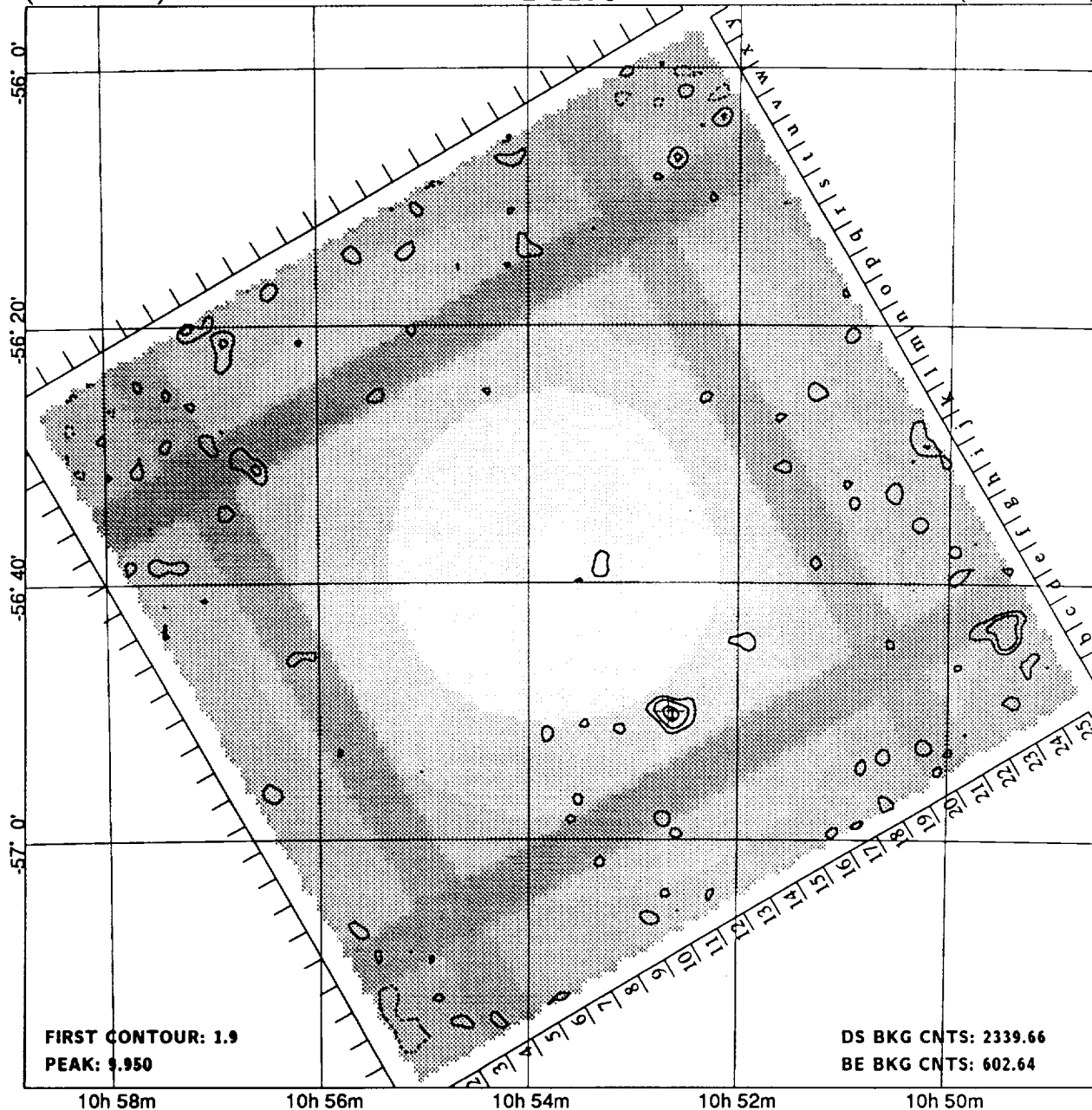
DATE: 1980/237 - 1980/237
LIVETIME: 1303.8s
ROLL ANGLE: 10.2°

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

(10h 53m)

I 1170

(10h 53m)



ETA CARINA GALACTIC PLANE SURVEY

FIELD CENTER: $10^h 53^m 40.6^s$ $-56^\circ 37' 15''$ (B1950)
 $10^h 55^m 45.7^s$ $-56^\circ 53' 17''$ (J2000)
 $l: 287.60$ $b: 2.50$

DATE: 1978/360 - 1978/360
 LIVETIME: 1895.9s
 ROLL ANGLE: -120.2°

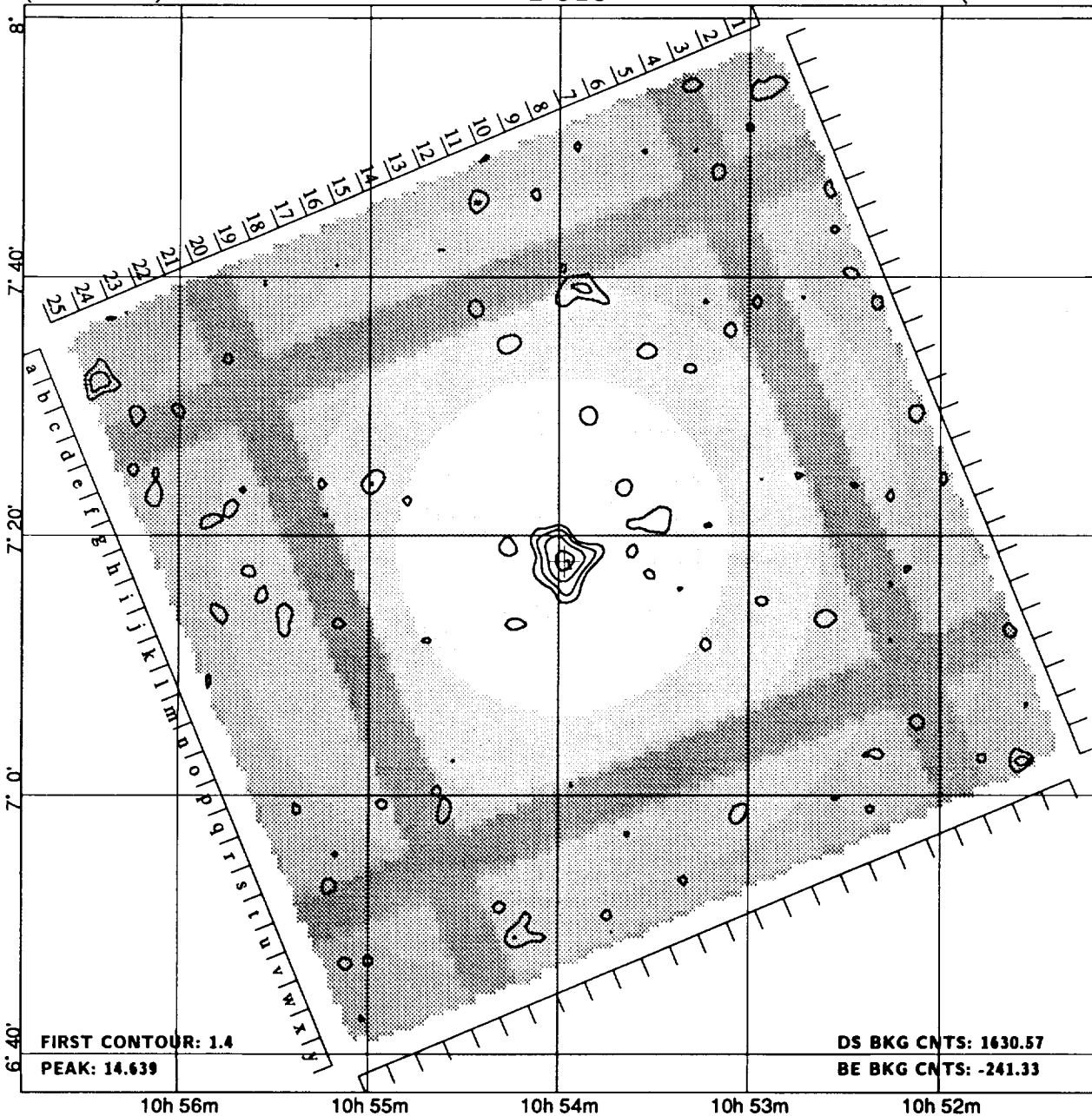
NH: $1.4E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^h 54^m 00.0^s$ $07^\circ 18' 59''$ (B1950)
 $10^h 56^m 36.1^s$ $07^\circ 02' 57''$ (J2000)
 $l: 244.04$ $b: 56.16$

DATE: 1979/141 - 1979/141
 LIVETIME: 1321.3s
 ROLL ANGLE: 67.5°

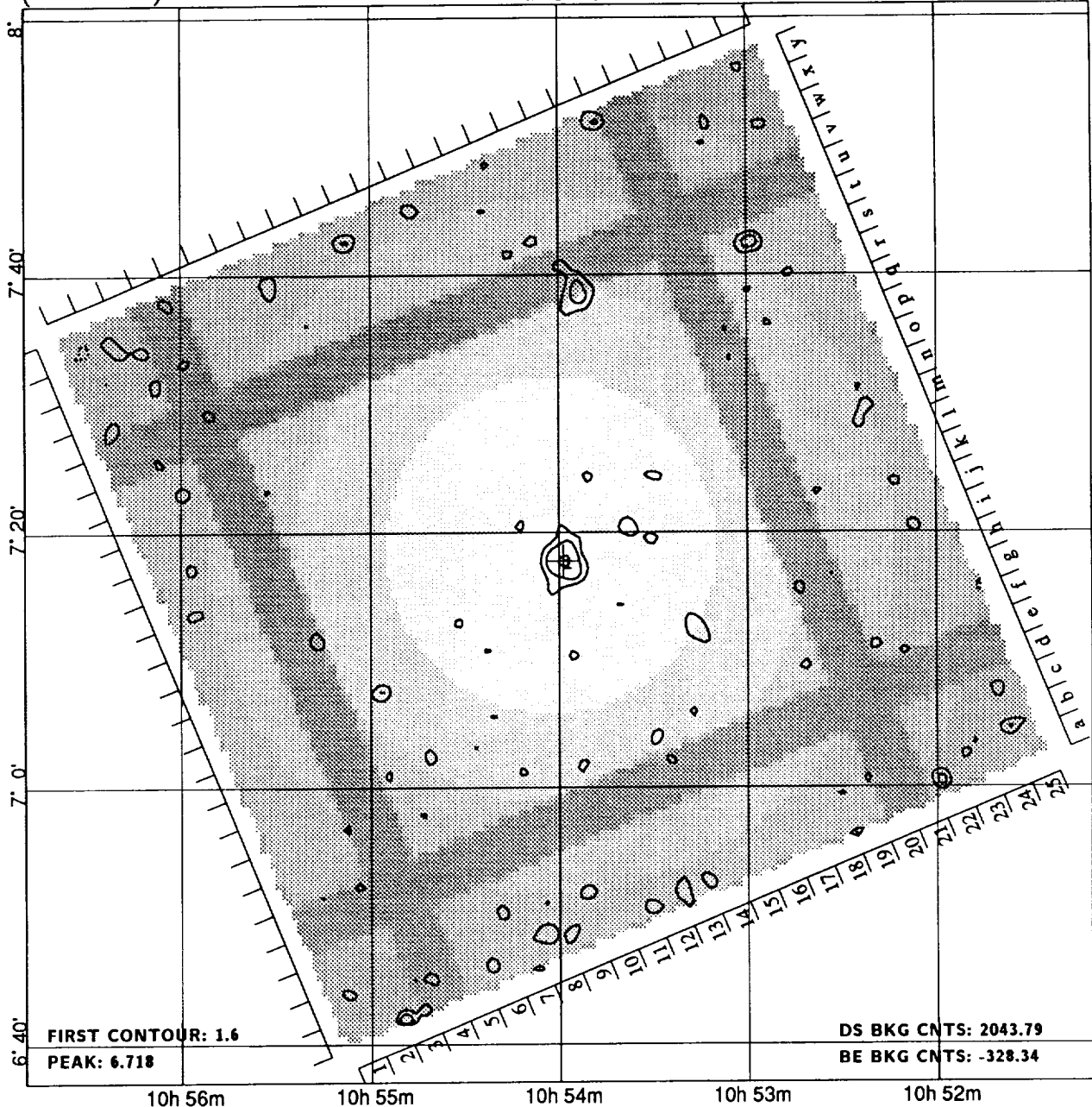
NH: $3.0E+20$
 REF/ID: !
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $10^h 54^m 00.0^s$ $07^\circ 18' 59''$ (B1950)
 $10^h 56^m 36.1^s$ $07^\circ 02' 57''$ (J2000)
 $l: 244.04$ $b: 56.16$

DATE: 1979/339 - 1979/339
 LIVETIME: 1656.1s
 ROLL ANGLE: -112.5°

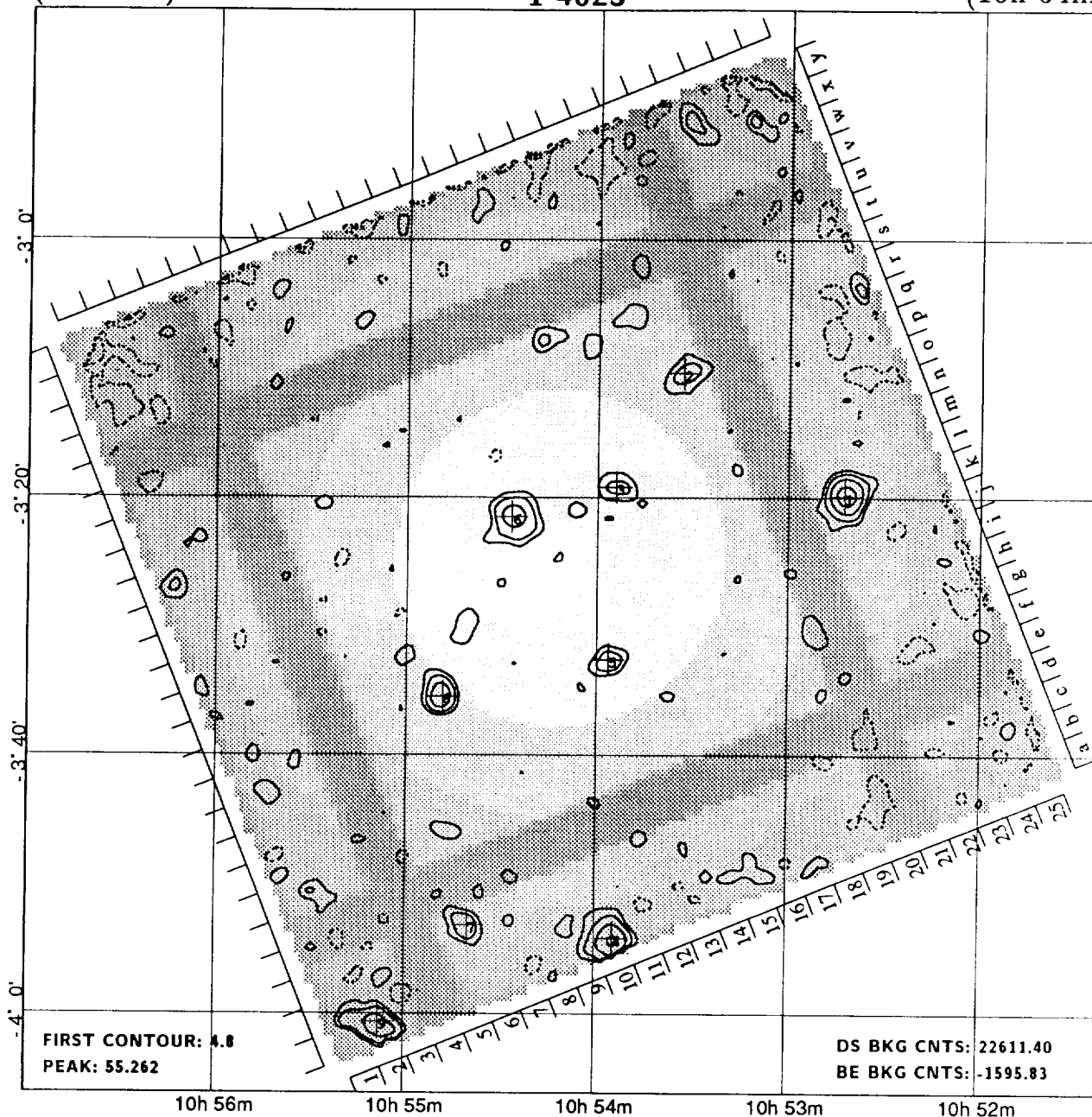
NH: $3.0E+20$
 REF/ID: !
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $10^h 54^m 11.0^s -03^\circ 24' 14''$ (B1950)
 $10^h 56^m 43.6^s -03^\circ 40' 17''$ (J2000)
 $l: 256.54 \quad b: 48.59$

DATE: 1979/336 - 1979/338
 LIVETIME: 18322.7s
 ROLL ANGLE: -111.9°

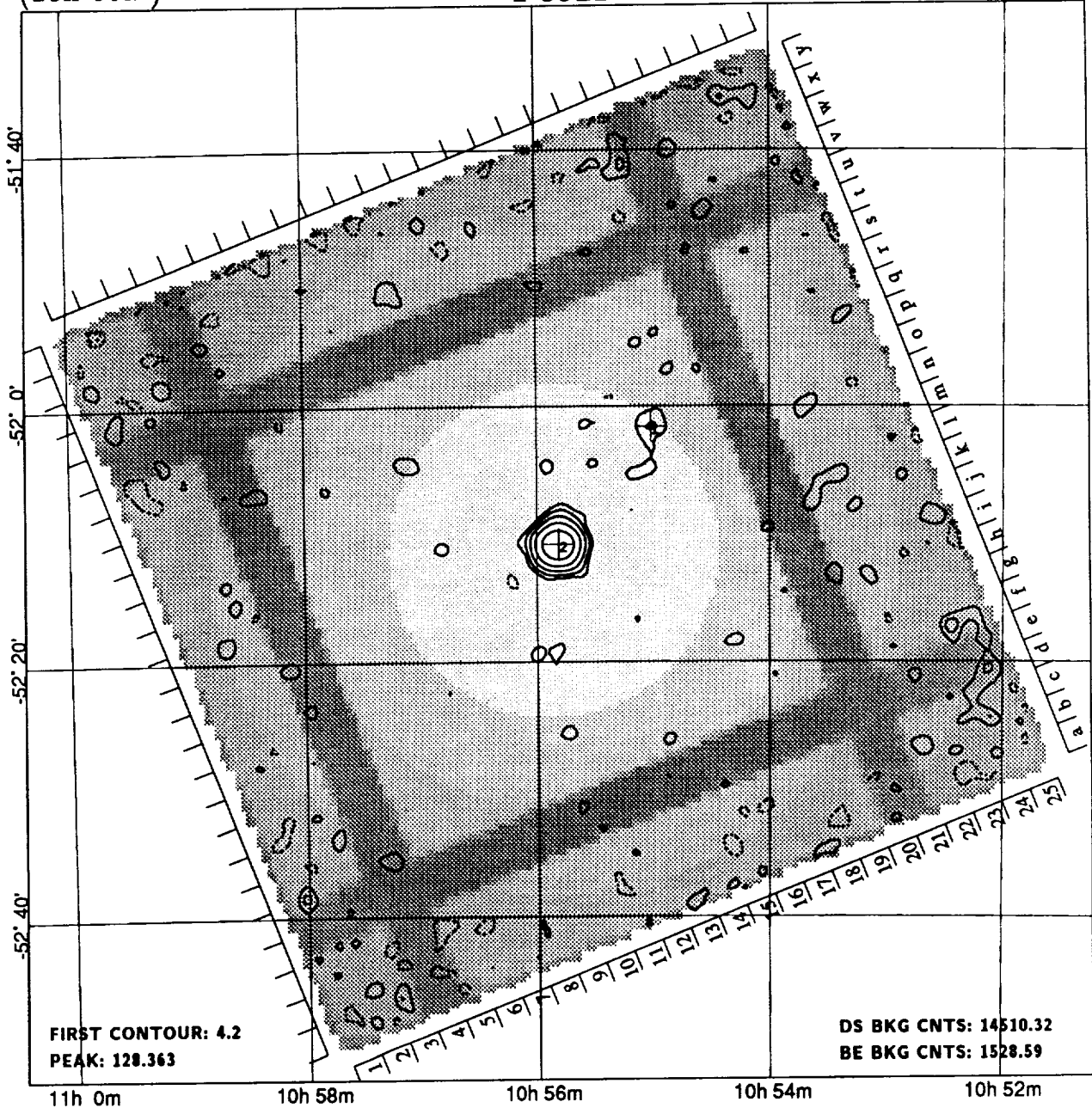
NH: $3.7E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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	H
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: $10^{\text{h}}55^{\text{m}}49.0^{\text{s}}$ $-52^{\circ}10'45''$ (B1950)
 $10^{\text{h}}57^{\text{m}}59.2^{\text{s}}$ $-52^{\circ}26'50''$ (J2000)
 $l: 285.98$ $b: 6.65$

DATE: 1979/349 - 1979/350
 LIVETIME: 11758.2s
 ROLL ANGLE: -111.6°

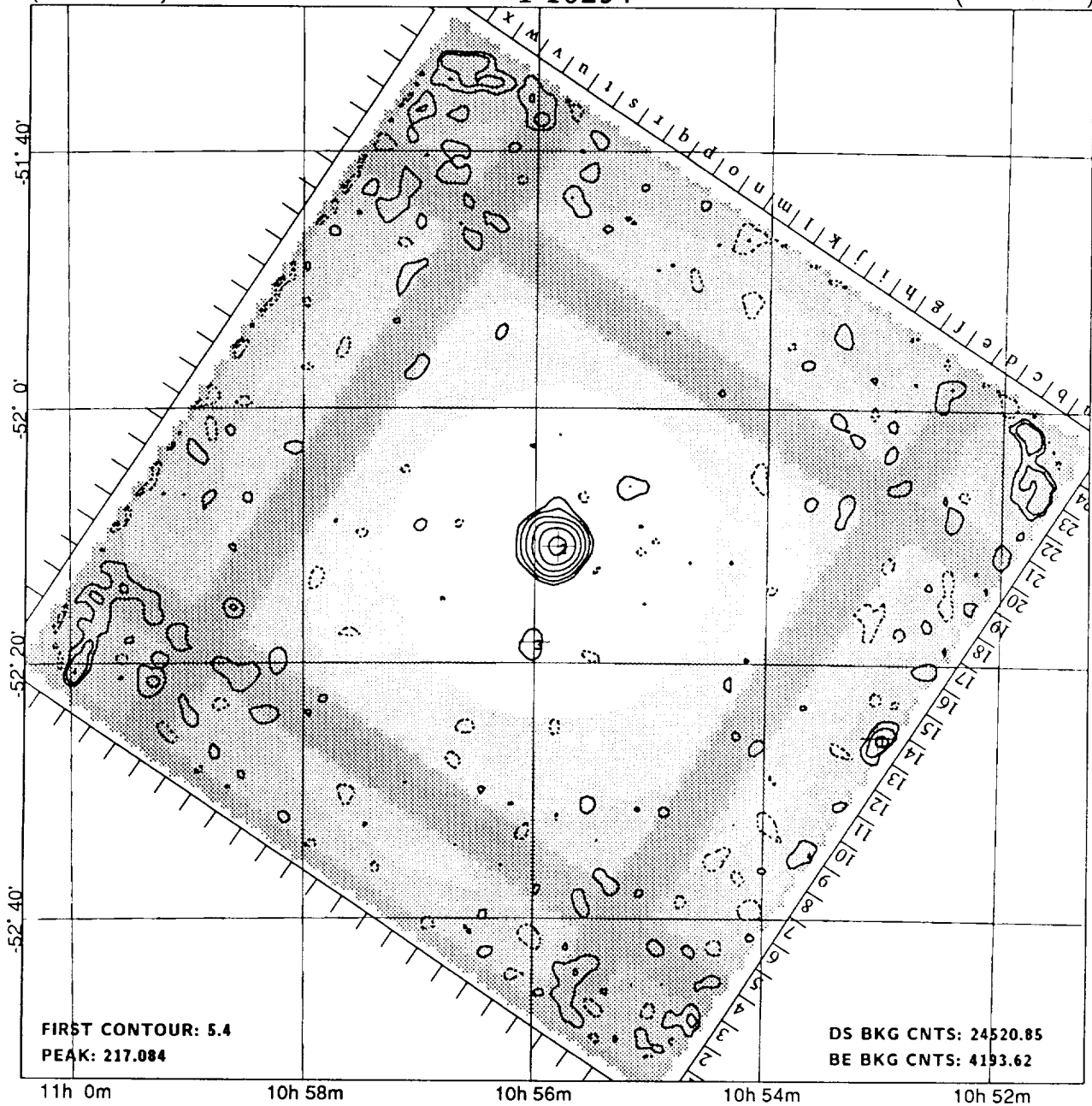
NH: $1.3\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(10h 55m)

I 10294

(10h 55m)



FIRST CONTOUR: 5.4
PEAK: 217.084

DS BKG CNTS: 24520.85
BE BKG CNTS: 4193.62

11h 0m

10h 58m

10h 56m

10h 54m

10h 52m

PSR 1055-52

FIELD CENTER: $10^h 55^m 49.0^s -52^\circ 10' 43''$ (B1950)
 $10^h 57^m 59.2^s -52^\circ 26' 48''$ (J2000)
 $l: 285.98 \quad b: 6.65$

DATE: 1981/ 26 - 1981/ 27
LIVETIME: 19870.0s
ROLL ANGLE: -146.5°

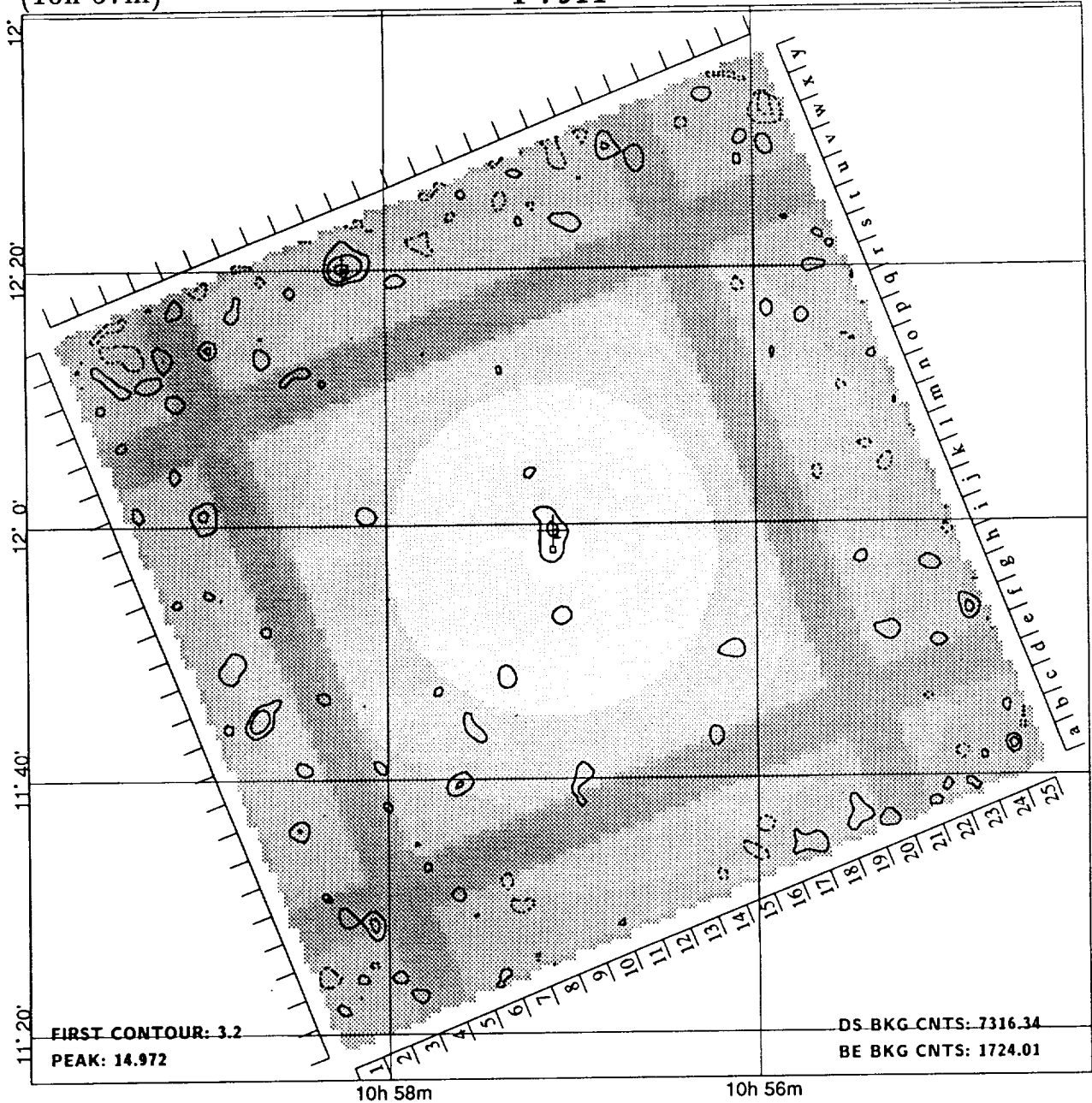
NH: $1.3E+21$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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	

(10h 57m)

I 7911

(10h 57m)



HD 95216, CORONAL ACTIVITY IN F, G, & K STARS

FIELD CENTER: $10^h 57^m 04.4^s$ $11^\circ 58' 24''$ (B1950)
 $10^h 59^m 41.8^s$ $11^\circ 42' 18''$ (J2000)
 $l: 237.93$ $b: 59.59$

DATE: 1980/347 - 1980/347
 LIVETIME: 5928.6s
 ROLL ANGLE: -111.9°

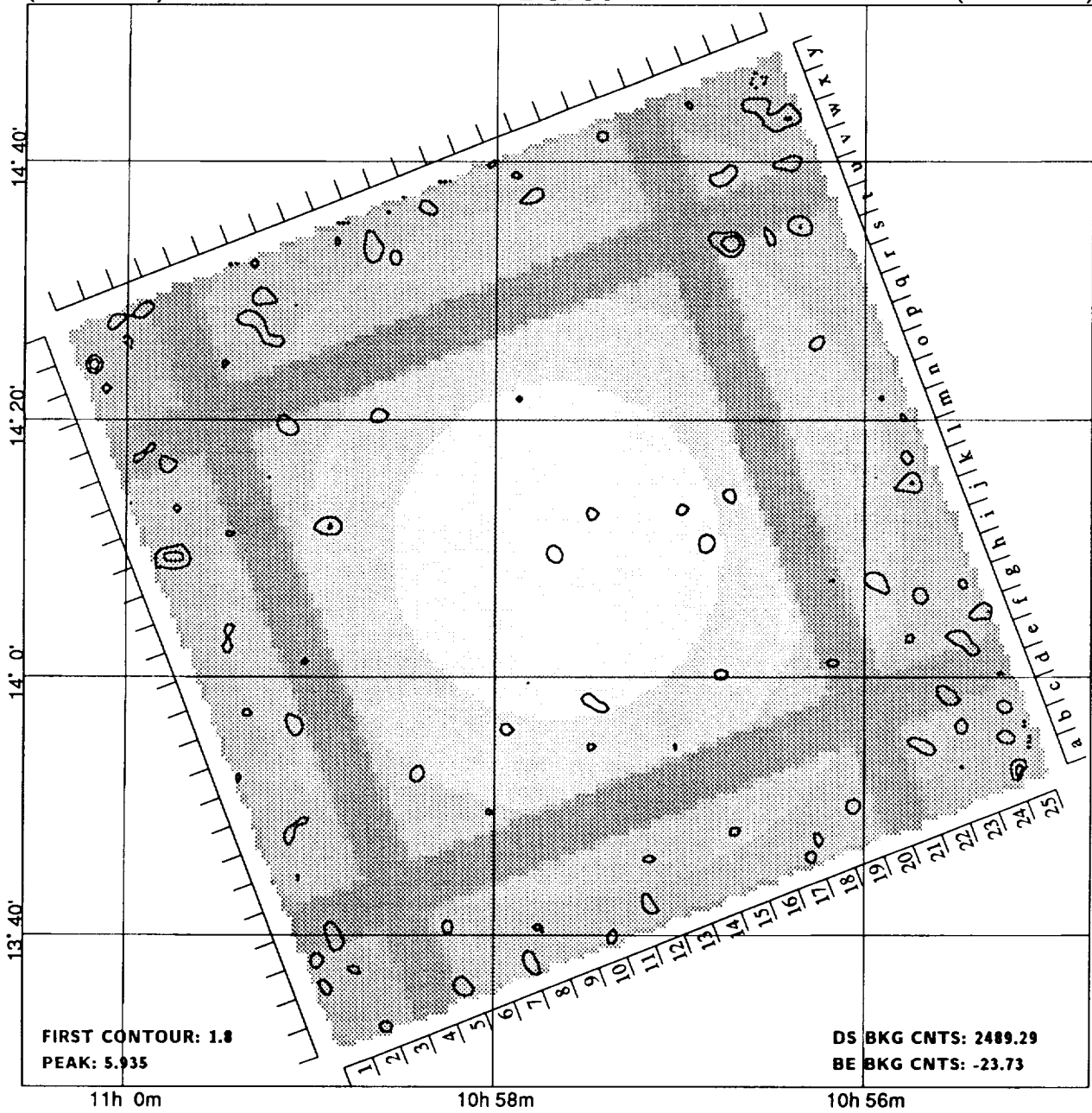
NH: $2.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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)



FIRST CONTOUR: 1.8
PEAK: 5.935

DS BKG CNTS: 2489.29
BE BKG CNTS: -23.73

11h 0m

10h 58m

10h 56m

NORMAL GALAXIES: N3489

FIELD CENTER: $10^{\text{h}}57^{\text{m}}40.0^{\text{s}}$ $14^{\circ}10'11''$ (B1950)
 $11^{\text{h}}00^{\text{m}}18.1^{\text{s}}$ $13^{\circ}54'05''$ (J2000)
 $l: 234.38$ $b: 60.91$

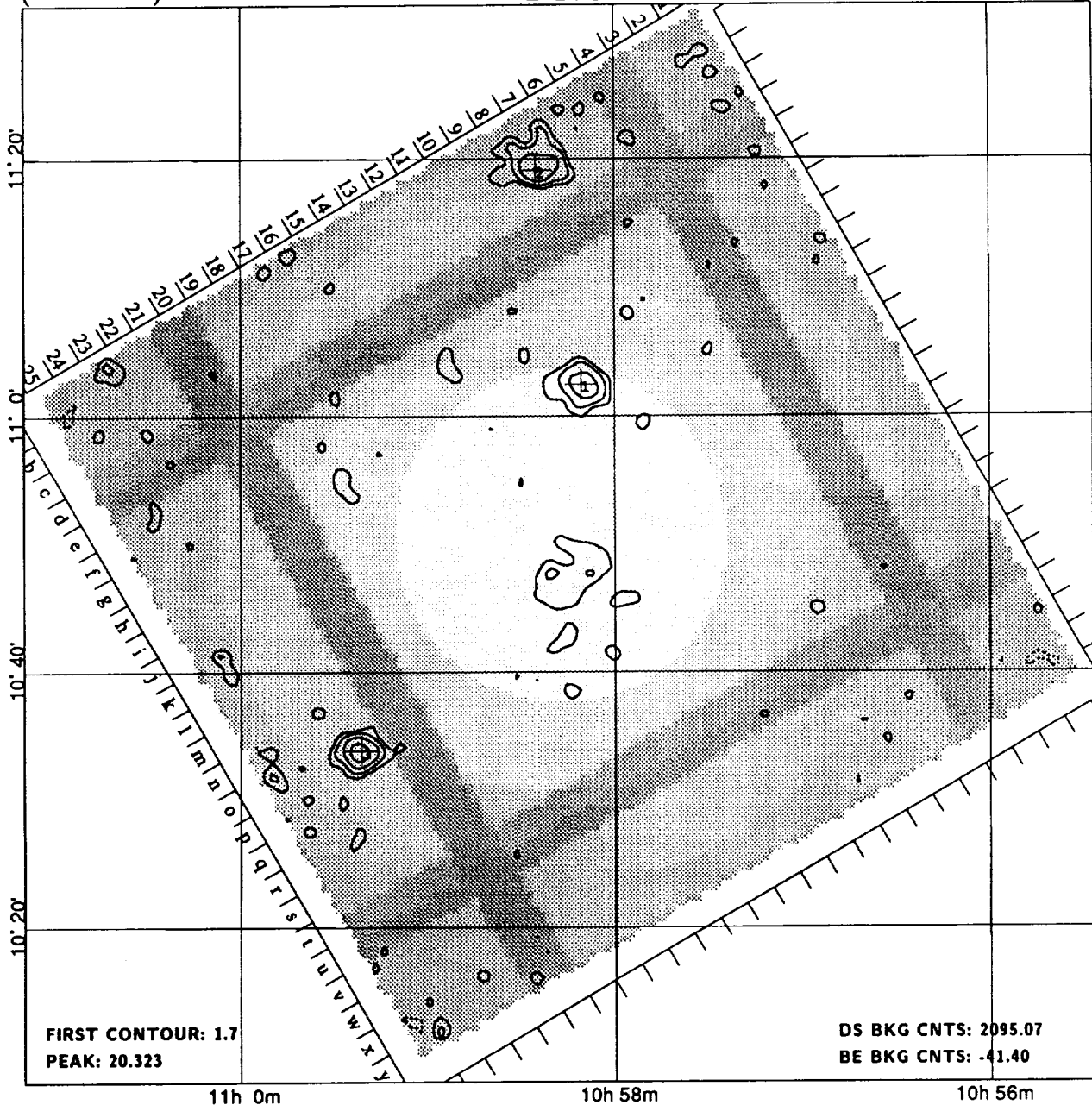
DATE: 1980/349 - 1980/349
LIVETIME: 2017.1s
ROLL ANGLE: -111.2°

NH: $1.9\text{E}+20$
REF/ID:
FIELD FLAGS:

(10h 58m)

I 173

(10h 58m)



A1142 CLUSTER SURFACE BRIGHTNESS

FIELD CENTER: $10^{\text{h}}58^{\text{m}}18.0^{\text{s}}$ $10^{\circ}49'58''$ (B1950)
 $11^{\text{h}}00^{\text{m}}55.0^{\text{s}}$ $10^{\circ}33'51''$ (J2000)
 $l: 240.10$ $b: 59.17$

DATE: 1979/142 - 1979/142
 LIVETIME: 1697.7s
 ROLL ANGLE: 60.0°

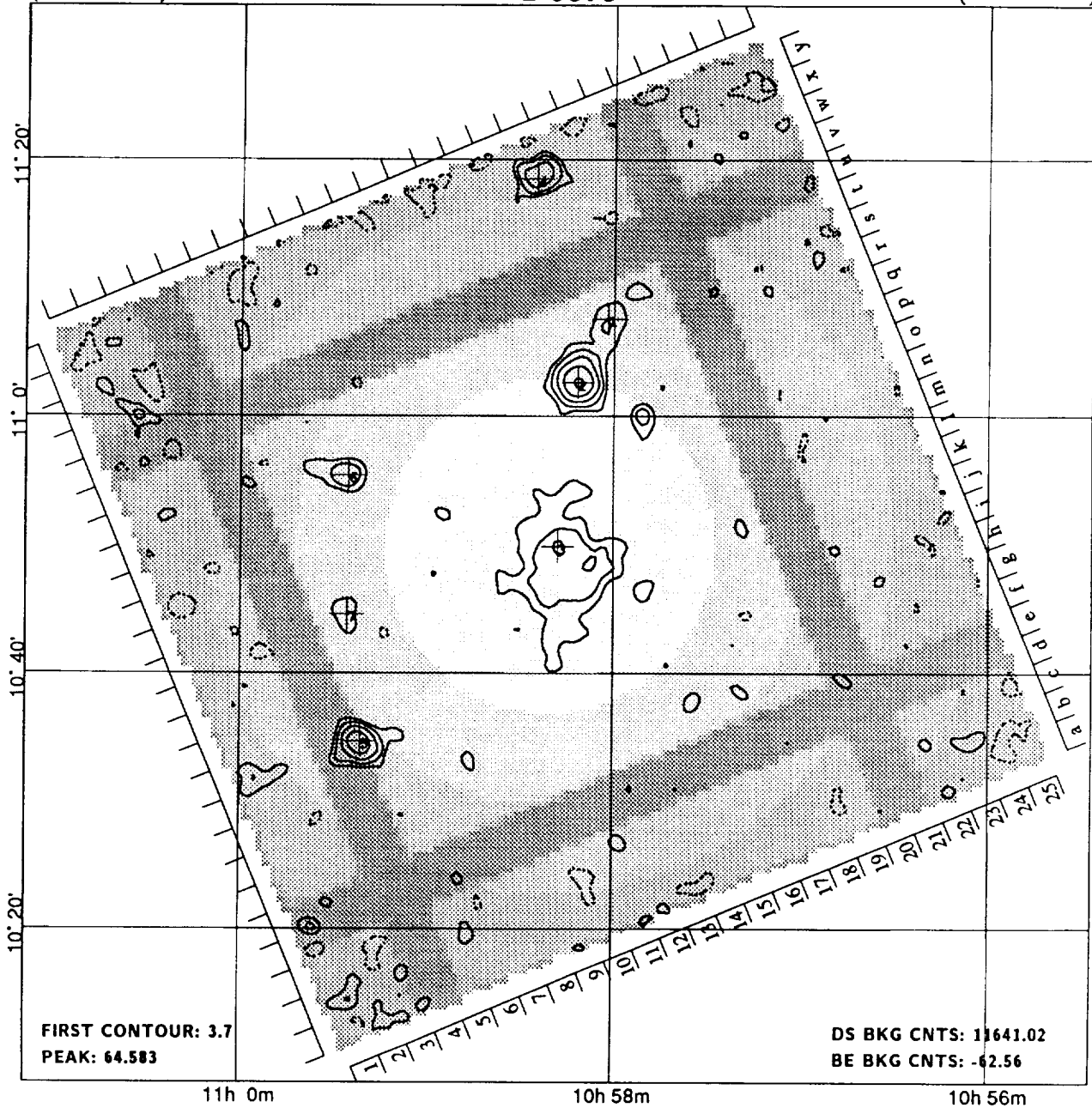
NH: $2.2\text{E}+20$
 REF/ID: CLG
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)



FIRST CONTOUR: 3.7
PEAK: 64.583

DS BKG CNTS: 11641.02
BE BKG CNTS: -62.56

11h 0m

10h 58m

10h 56m

A1142, DETAILED STUDY OF CLUSTER EXTENTS

FIELD CENTER: $10^h 58^m 18.0^s$ $10^\circ 49' 59''$ (B1950)
 $11^h 00^m 55.0^s$ $10^\circ 33' 52''$ (J2000)
 $l: 240.10$ $b: 59.17$

DATE: 1979/340 - 1979/340
 LIVETIME: 9433.1s
 ROLL ANGLE: -112.5°

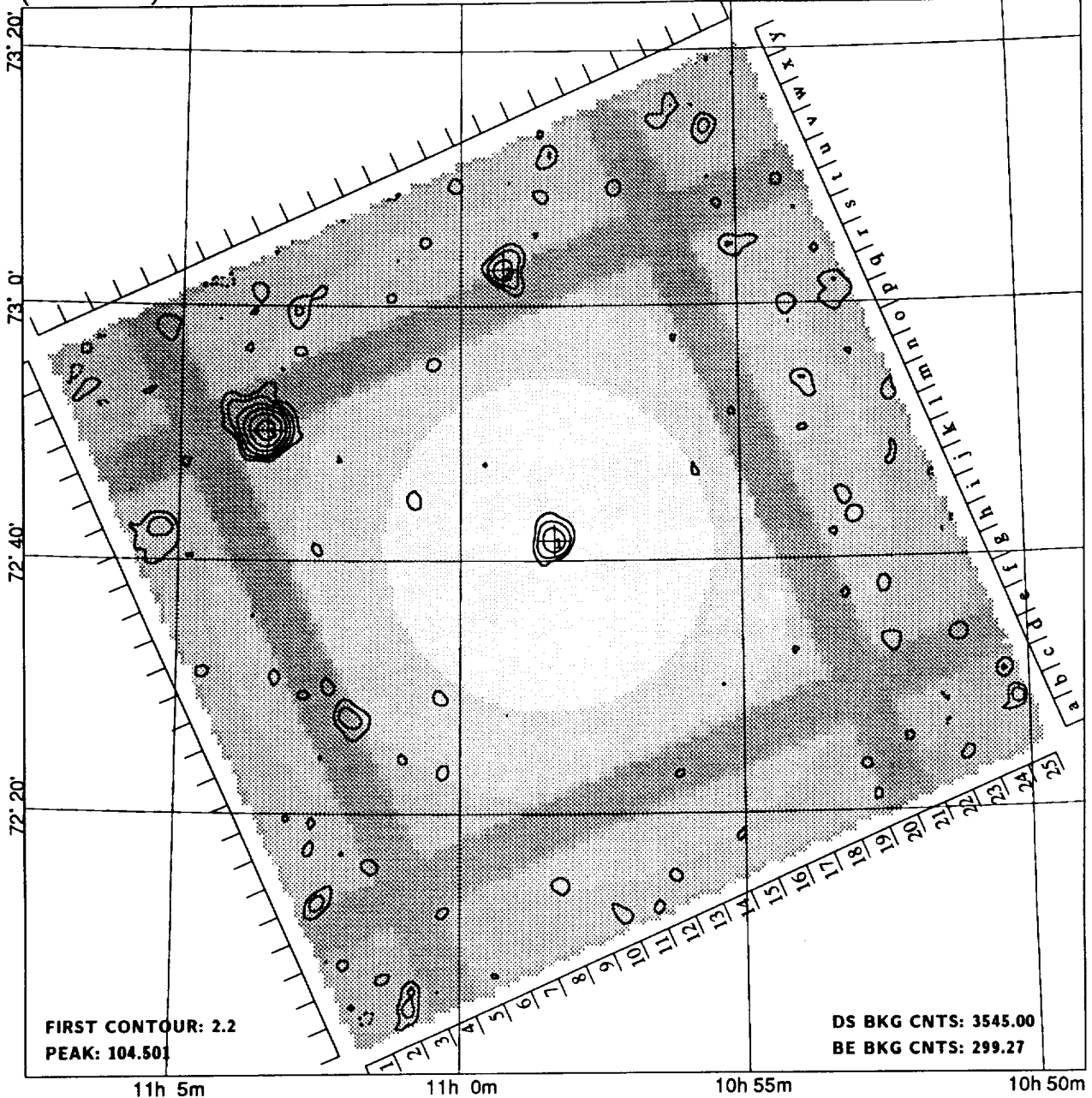
NH: 2.2E+20
 REF/ID: CLG
 FIELD FLAGS: D

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

(10h 58m)

I 5230

(10h 58m)



QSO 1058+72W1,RADIO WEAK QUASARS

FIELD CENTER: $10^{\text{h}}58^{\text{m}}20.1^{\text{s}}$ $72^{\circ}41'44''$ (B1950)
 $11^{\text{h}}01^{\text{m}}48.8^{\text{s}}$ $72^{\circ}25'36''$ (J2000)
 $l: 133.77$ $b: 42.32$

DATE: 1979/324 - 1979/324
 LIVETIME: 2872.6s
 ROLL ANGLE: -113.9°

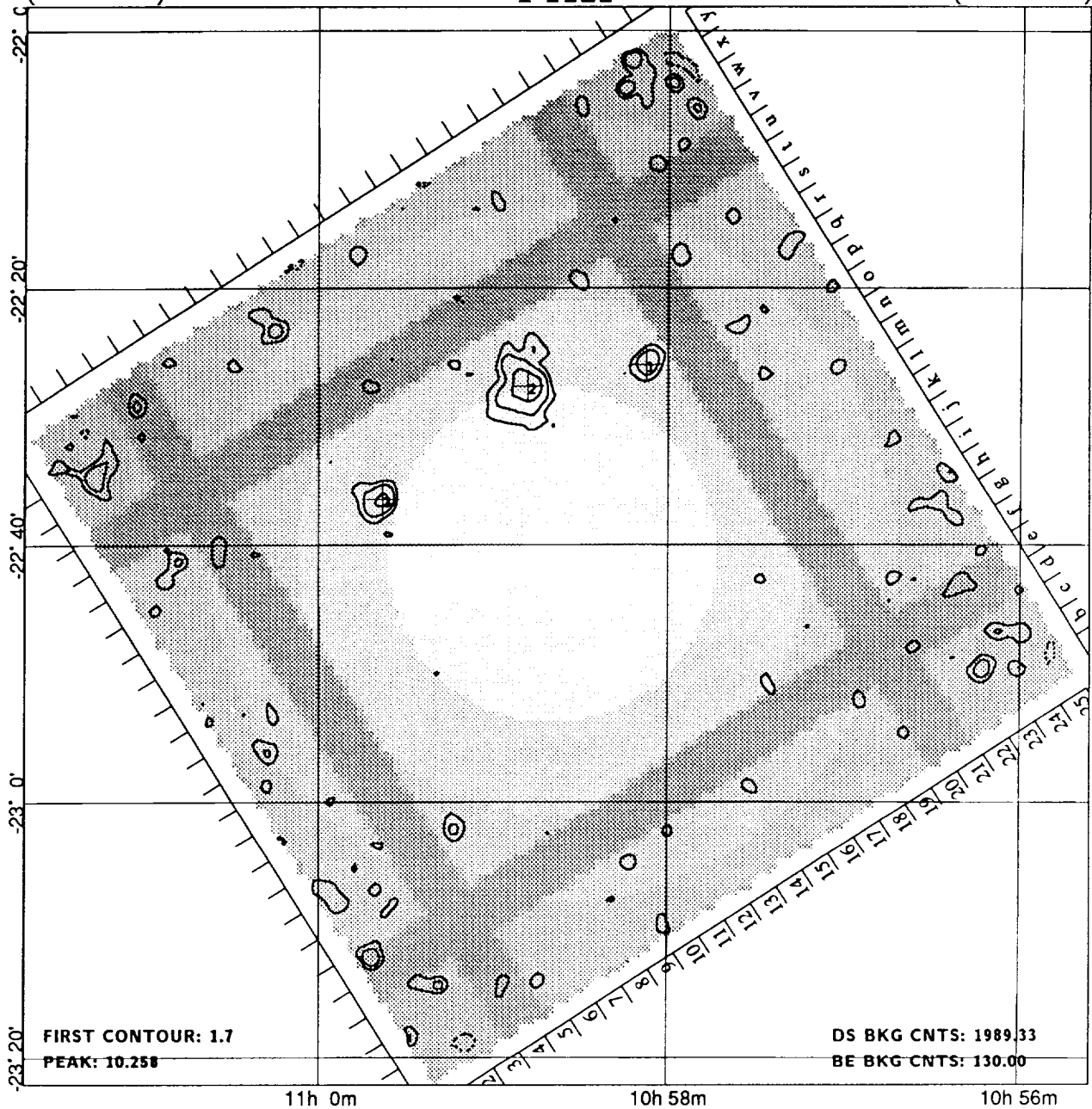
NH: $3.1\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(10h 58m)

I 1121

(10h 58m)



2A1058-226, UNIDENTIFIED HIGH LATITUDE SOURCE

FIELD CENTER: $10^{\text{h}}58^{\text{m}}38.4^{\text{s}}$ $-22^{\circ}40'11''$ (B1950)
 $11^{\text{h}}01^{\text{m}}04.8^{\text{s}}$ $-22^{\circ}56'19''$ (J2000)
 $l: 272.26$ $b: 33.28$

DATE: 1980/ 1 - 1980/ 1
 LIVETIME: 1612.0s
 ROLL ANGLE: -122.4°

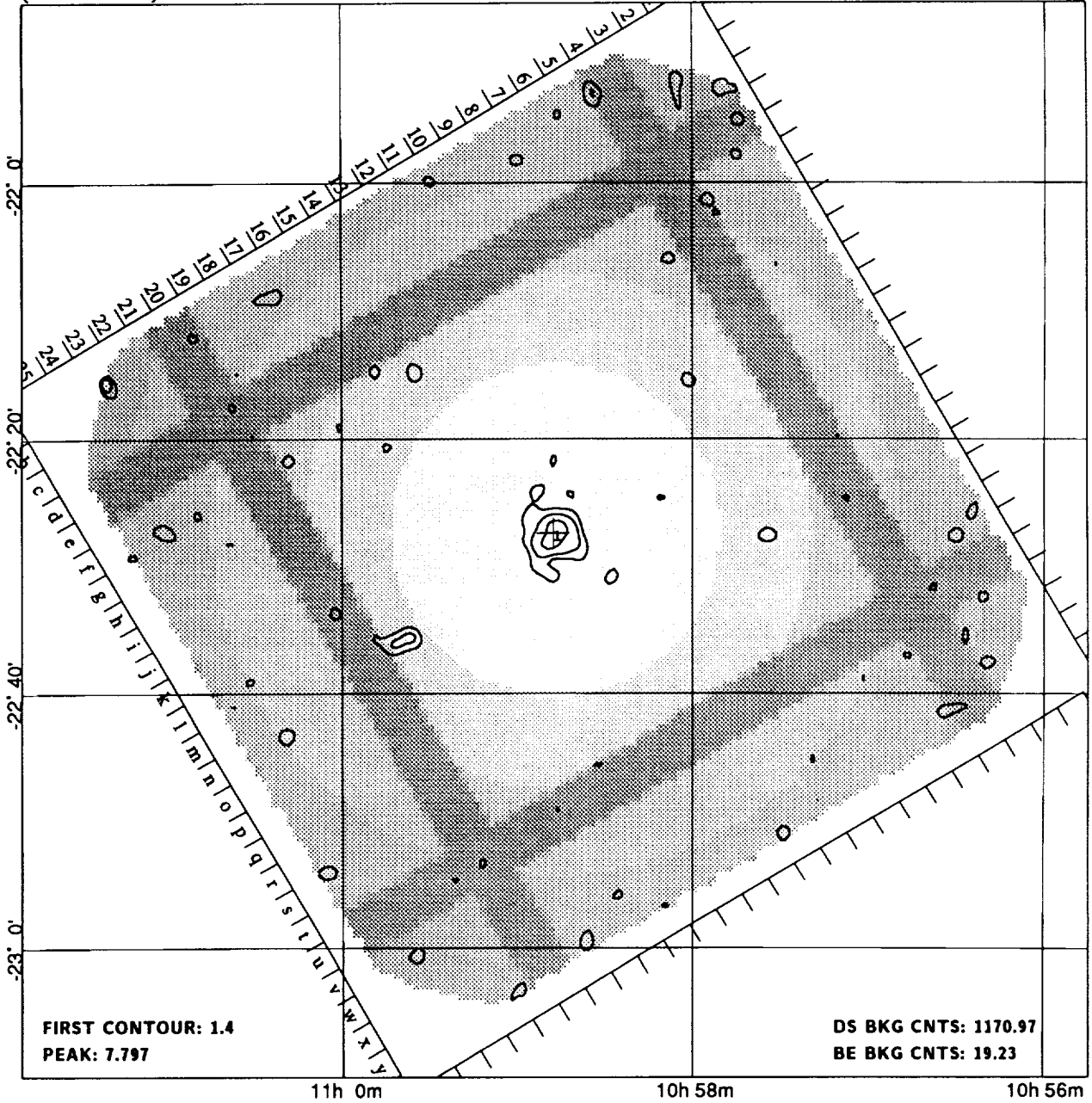
NH: $5.3\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $10^{\text{h}}58^{\text{m}}47.0^{\text{s}}$ $-22^{\circ}27'59''$ (B1950)
 $11^{\text{h}}01^{\text{m}}13.5^{\text{s}}$ $-22^{\circ}44'08''$ (J2000)
 $l: 272.17$ $b: 33.47$

DATE: 1979/179 - 1979/179
 LIVETIME: 948.9s
 ROLL ANGLE: 59.5°

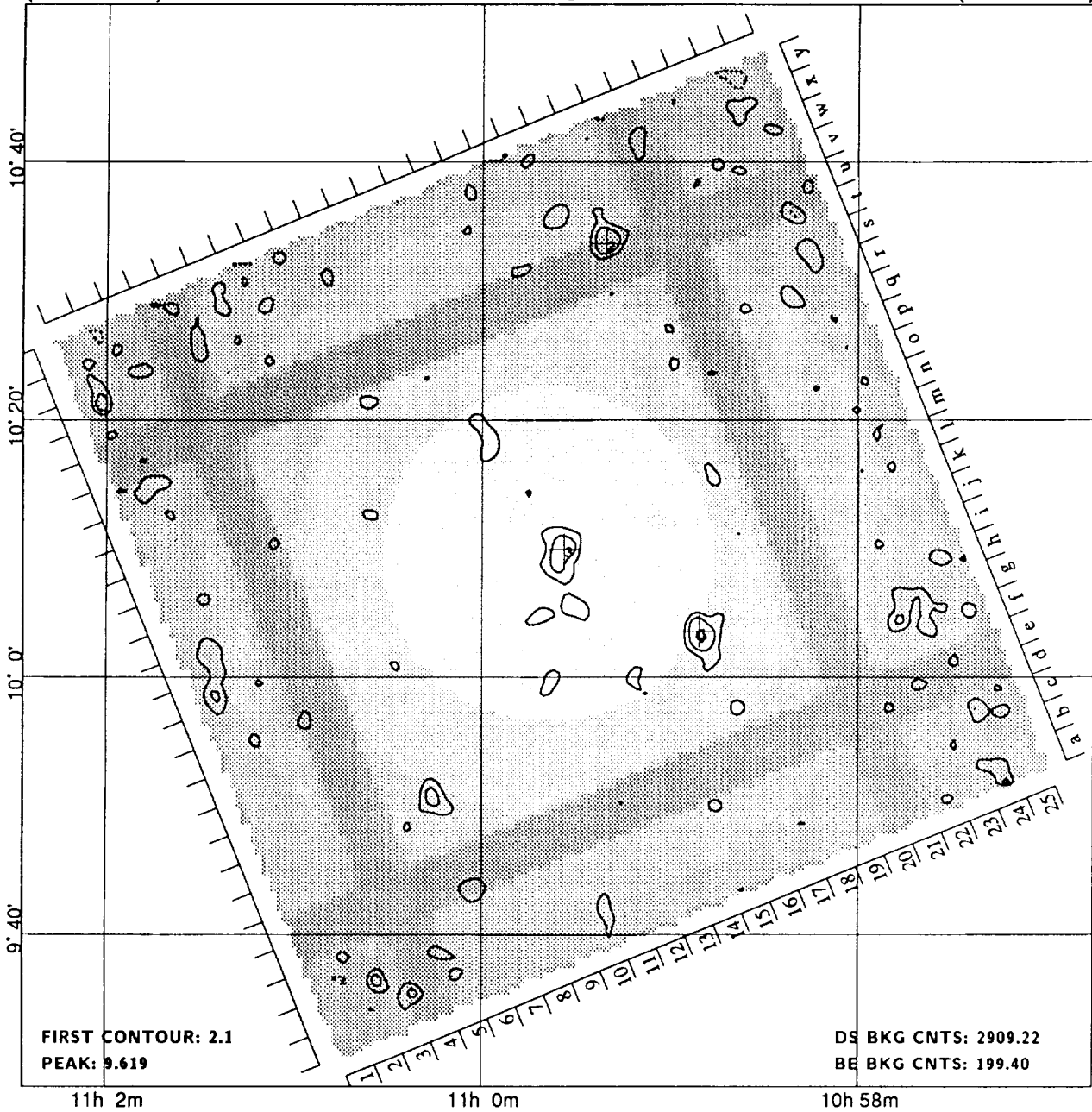
NH: $5.3E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $10^h 59^m 36.0^s$ $10^\circ 10' 11''$ (B1950)
 $11^h 02^m 12.7^s$ $09^\circ 54' 02''$ (J2000)
 $l: 241.50$ $b: 59.03$

DATE: 1980/348 - 1980/348
 LIVETIME: 2357.4s
 ROLL ANGLE: -112.1°

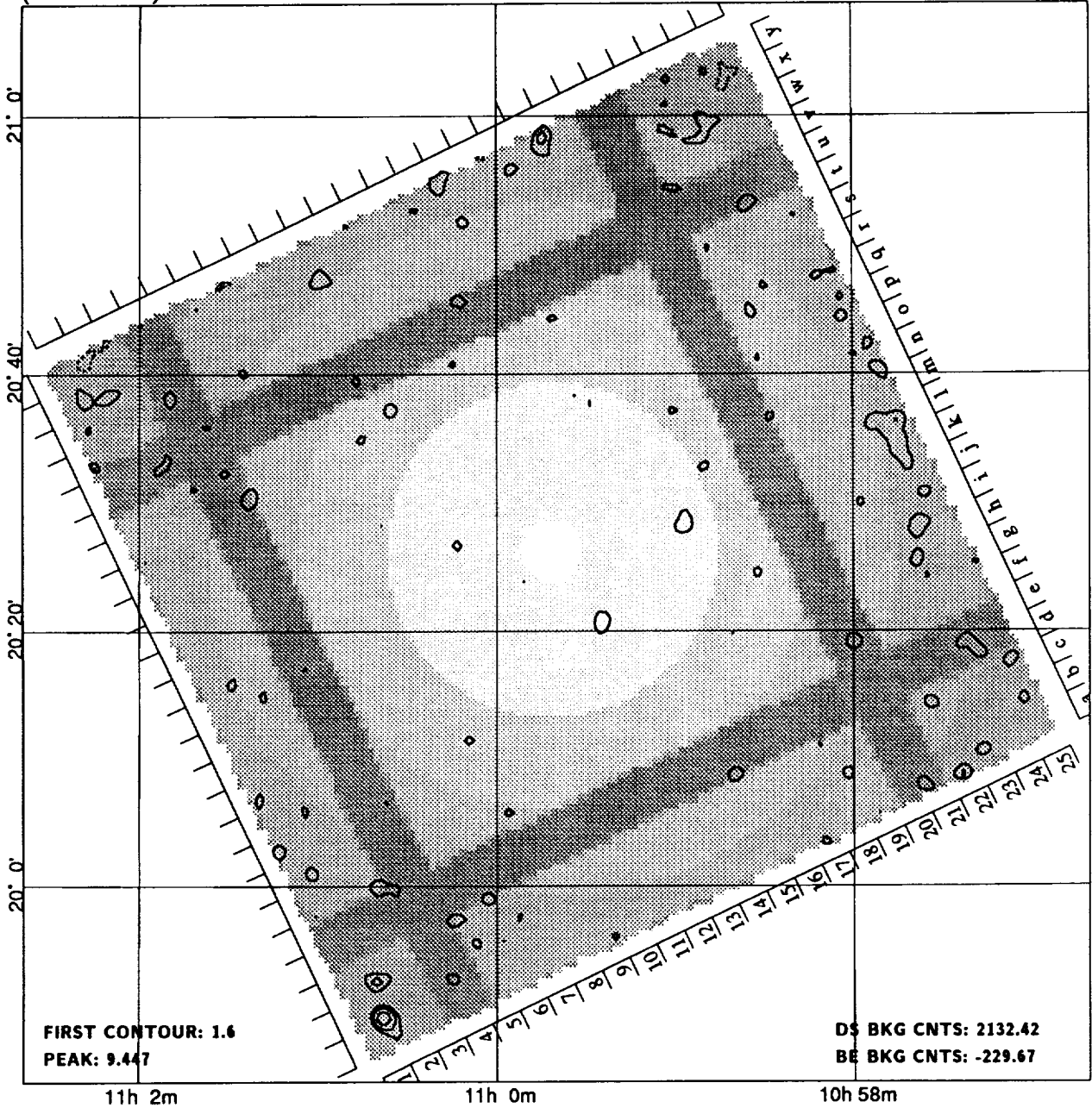
NH: $2.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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)



FIRST CONTOUR: 1.6
 PEAK: 9.447

DS BKG CNTS: 2132.42
 BE BKG CNTS: -229.67

11h 2m

11h 0m

10h 58m

STAR 60 LEO (HD 95608), AP STARS

FIELD CENTER: $10^{\text{h}}59^{\text{m}}39.8^{\text{s}}$ $20^{\circ}26'52''$ (B1950)
 $11^{\text{h}}02^{\text{m}}19.8^{\text{s}}$ $20^{\circ}10'43''$ (J2000)
 $l: 222.62$ $b: 64.13$

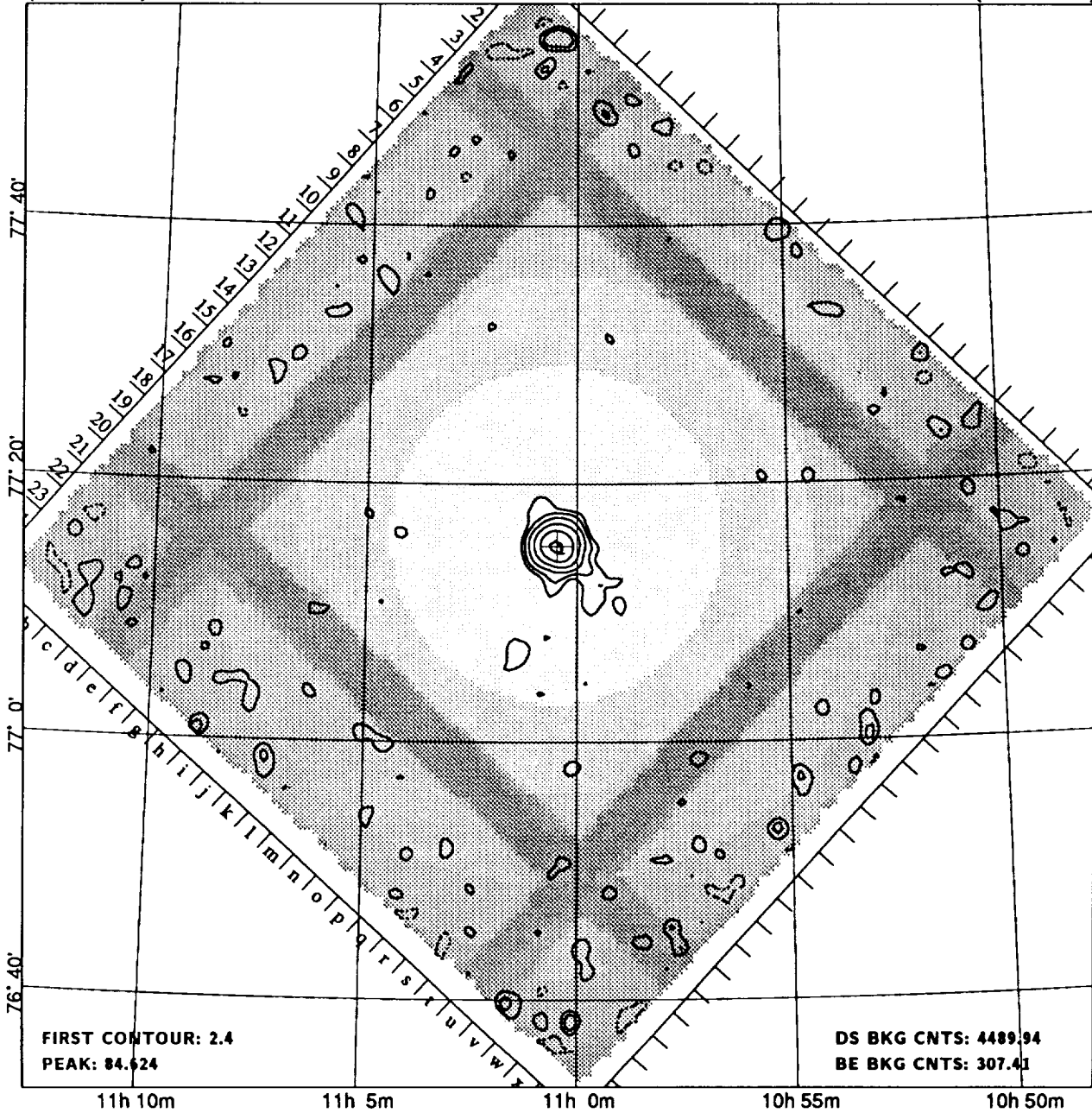
DATE: 1979/339 - 1979/340
 LIVETIME: 1728.0s
 ROLL ANGLE: -115.4°

NH: $1.6\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(11h 0m)

I 478

(11h 0m)



3CR 249.1 (QSO 1100+772) QUASAR SURVEY

FIELD CENTER: $11^{\text{h}}00^{\text{m}}27.4^{\text{s}}$ $77^{\circ}15'00''$ (B1950)
 $11^{\text{h}}04^{\text{m}}13.8^{\text{s}}$ $76^{\circ}58'58''$ (J2000)
 $l: 130.39$ $b: 38.55$

DATE: 1979/117 - 1980/111
 LIVETIME: 3638.4s
 ROLL ANGLE: 42.5°

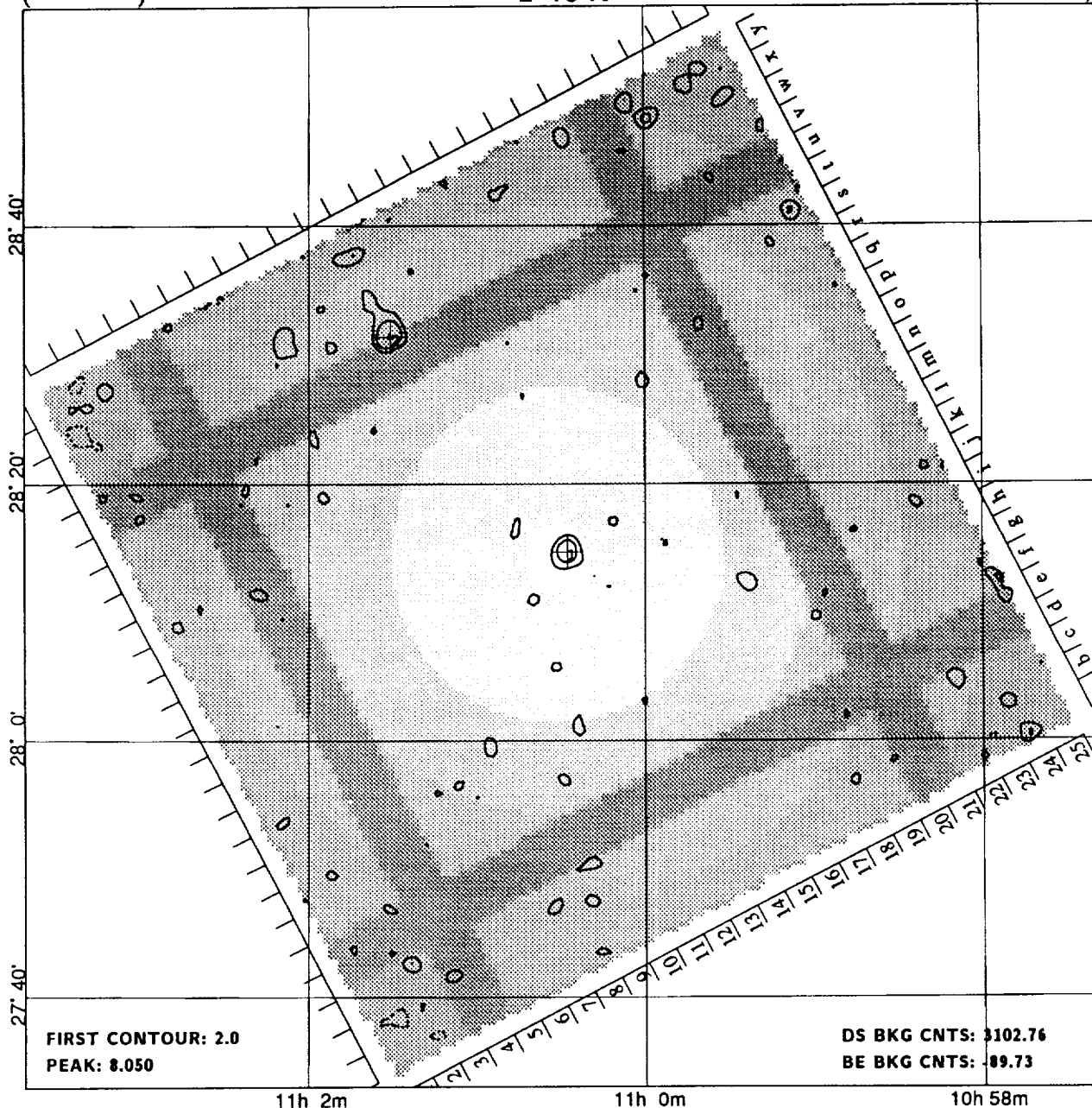
NH: $3.3\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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)



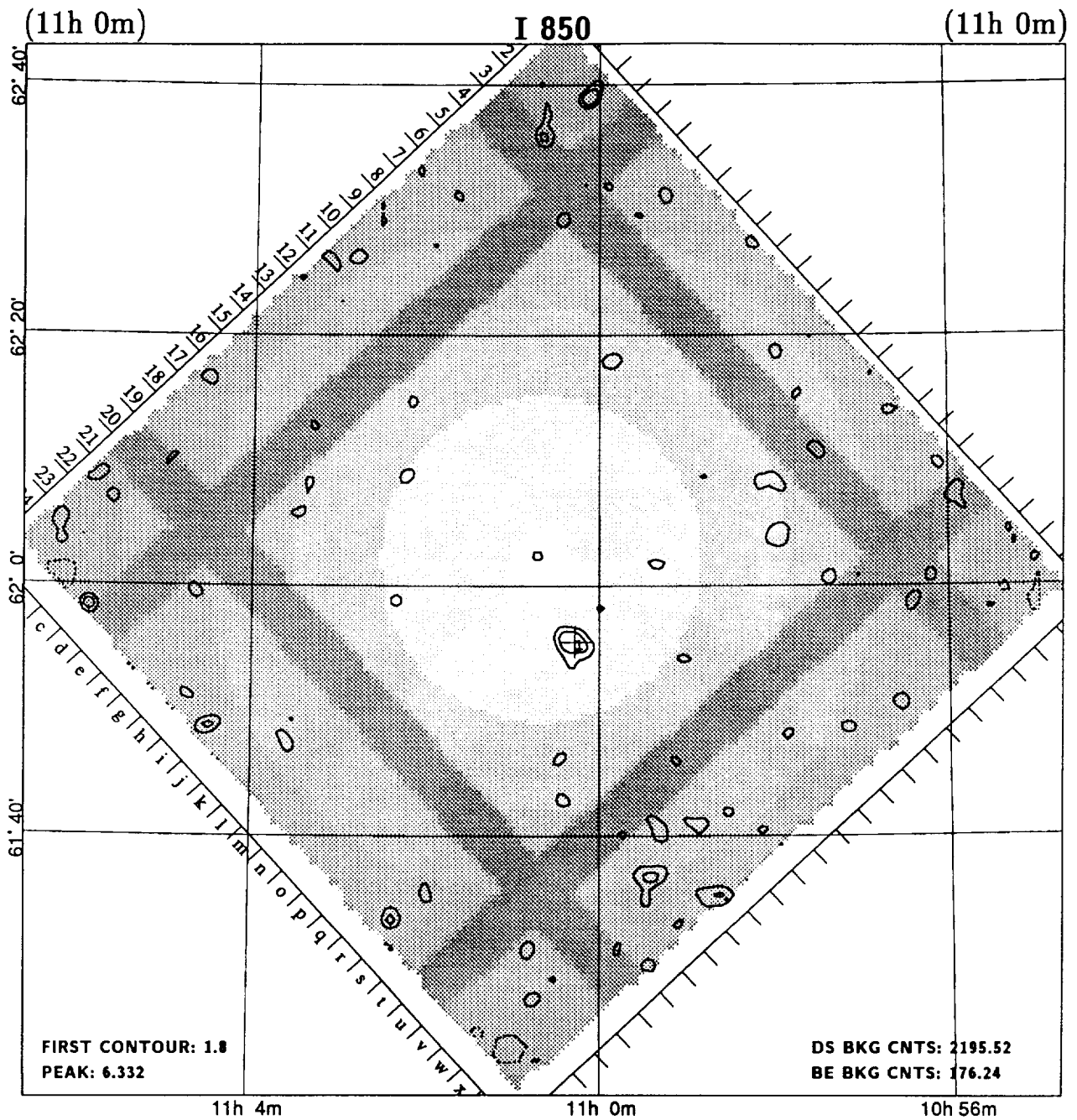
NGC 3504 NUCLEUS

FIELD CENTER: $11^h 00^m 30.0^s$ $28^\circ 14' 59''$ (B1950)
 $11^h 03^m 12.7^s$ $27^\circ 58' 49''$ (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 ID FLG
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: $11^{\text{h}}00^{\text{m}}39.5^{\text{s}}$ $62^{\circ}01'16''$ (B1950)
 $11^{\text{h}}03^{\text{m}}44.4^{\text{s}}$ $61^{\circ}45'06''$ (J2000)
 $l: 142.85$ $b: 51.01$

DATE: 1979/117 - 1979/117
LIVETIME: 1779.1s
ROLL ANGLE: 47.3°

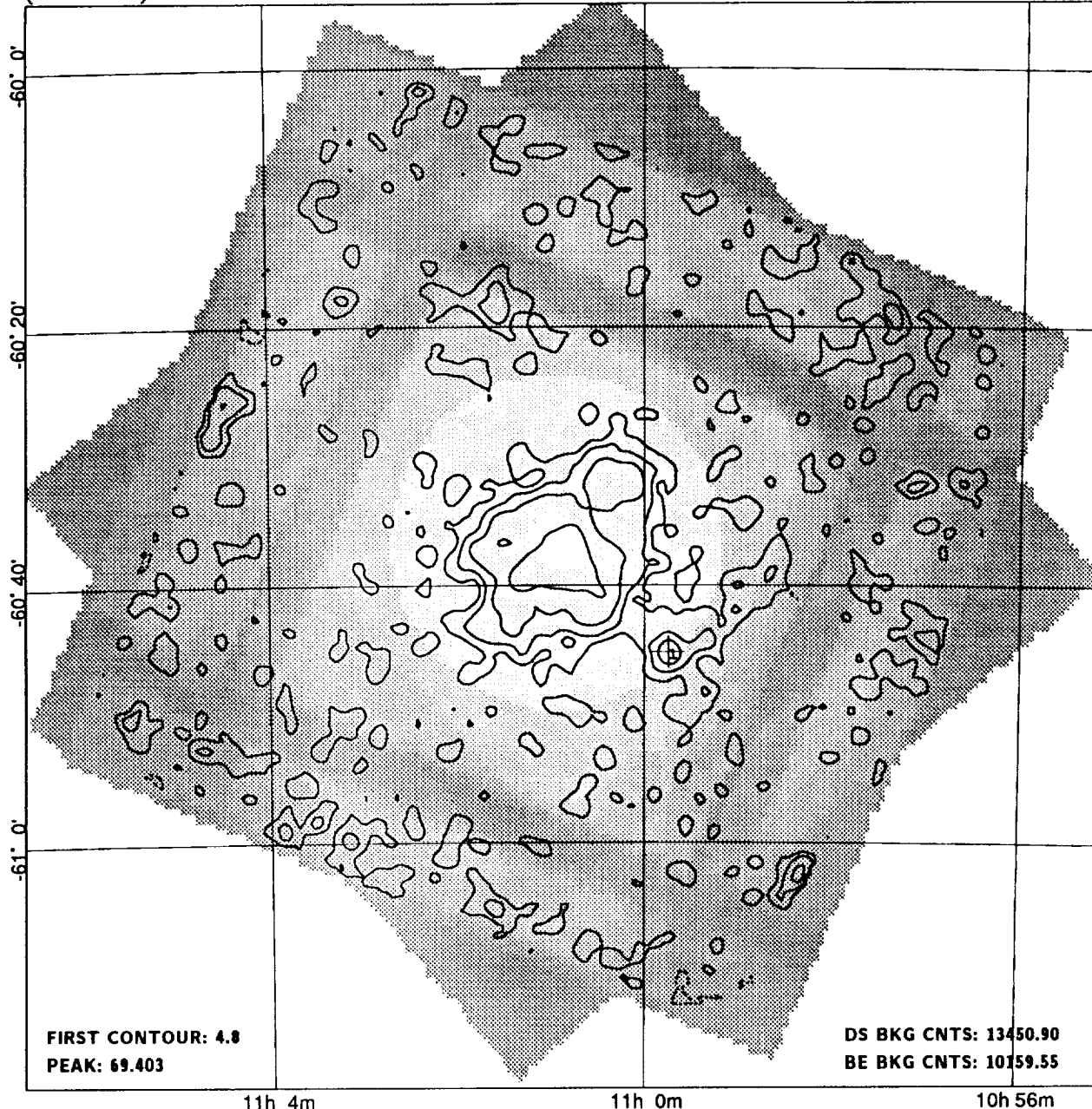
NH: $8.0\text{E}+19$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(11h 0m)

I 2161

(11h 0m)



FIRST CONTOUR: 4.8
PEAK: 69.403

DS BKG CNTS: 13450.90
BE BKG CNTS: 10159.55

11h 4m

11h 0m

10h 56m

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

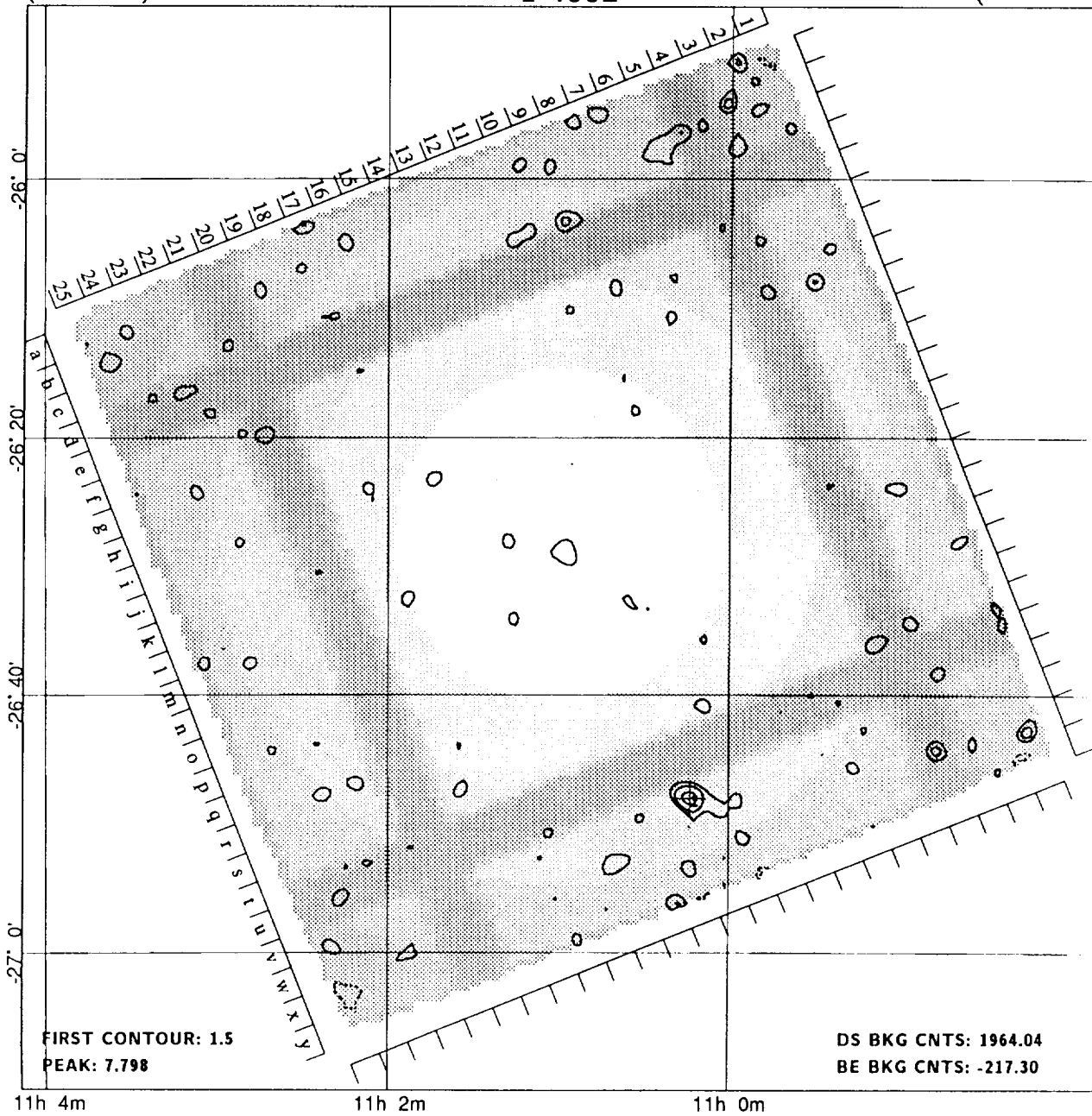
NH: 1.2E+21
REF/ID: S
FIELD FLAGS: DLS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $11^h 01^m 00.0^s$ $-26^\circ 28' 39''$ (B1950)
 $11^h 03^m 25.4^s$ $-26^\circ 44' 50''$ (J2000)
 $l: 274.96$ $b: 30.19$

DATE: 1980/161 - 1980/161
 LIVETIME: 1591.5s
 ROLL ANGLE: 68.3°

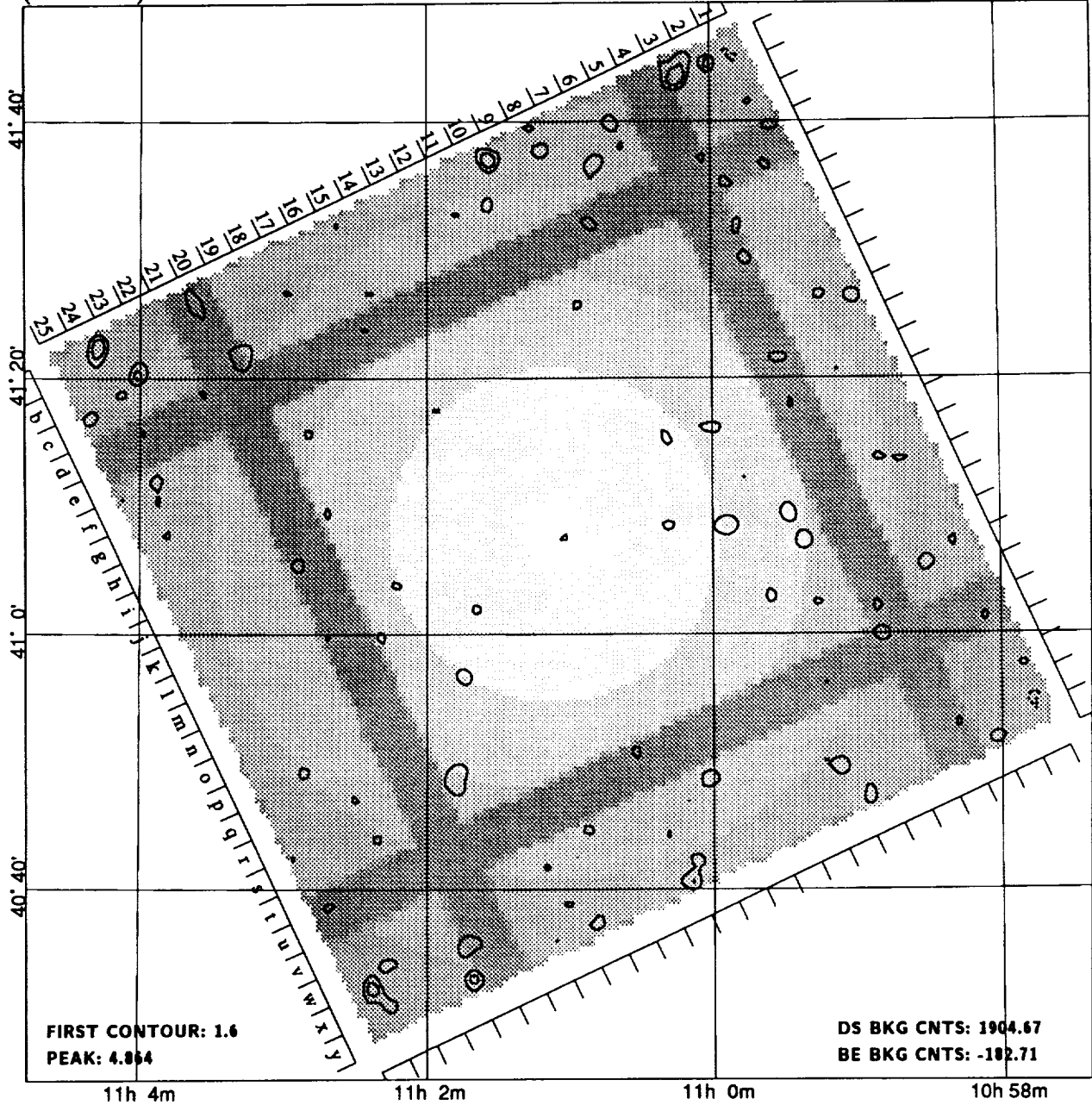
NH: $5.5E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(11h 1m)

I 3150

(11h 1m)



ARP 148: RING GALAXIES SURVEY

FIELD CENTER: $11^{\text{h}}01^{\text{m}}04.7^{\text{s}}$ $41^{\circ}07'11''$ (B1950)
 $11^{\text{h}}03^{\text{m}}52.8^{\text{s}}$ $40^{\circ}51'01''$ (J2000)
 $l: 174.19$ $b: 63.98$

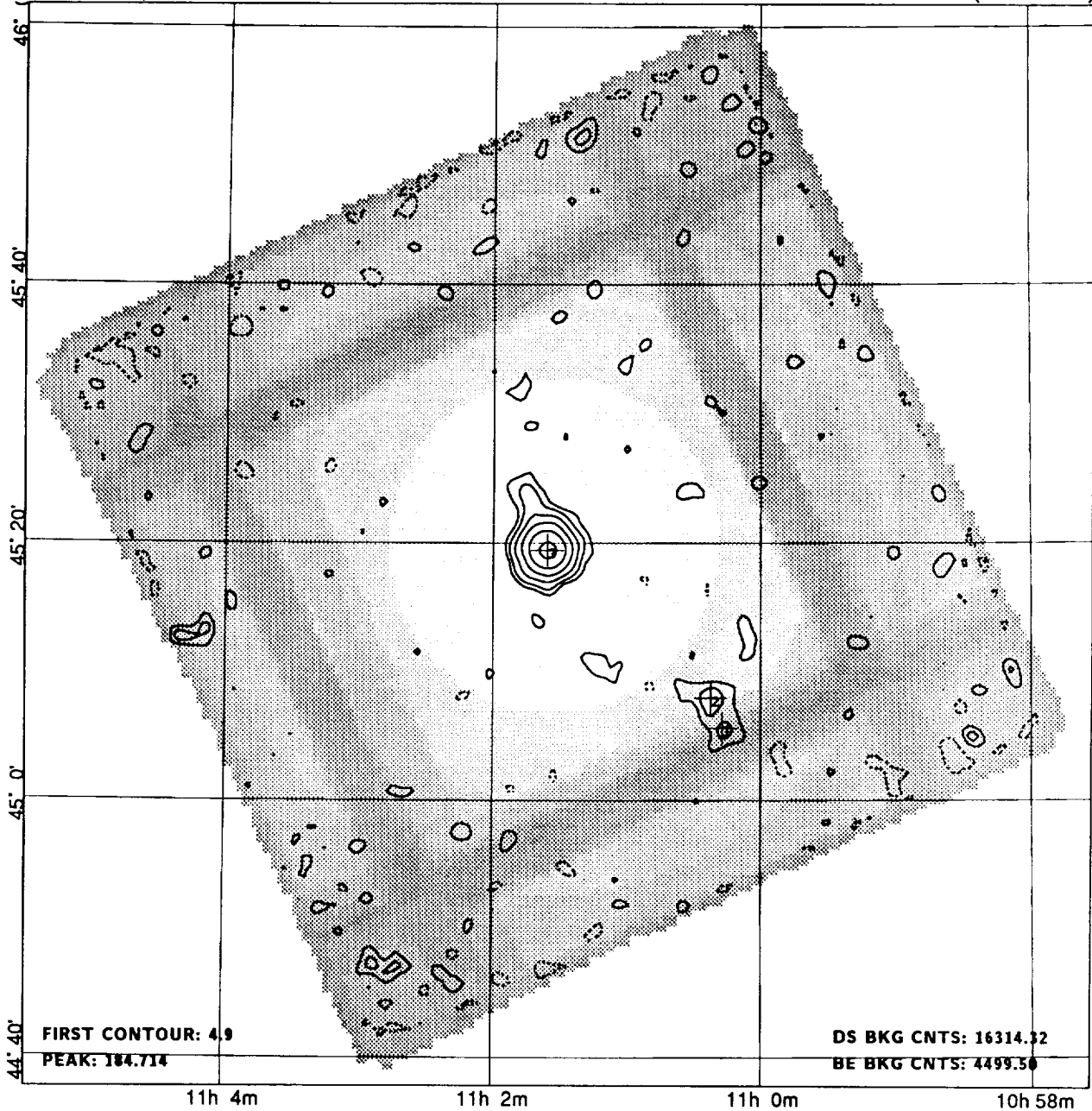
DATE: 1979/144 - 1979/144
 LIVETIME: 1543.4s
 ROLL ANGLE: 64.9°

NH: $1.3\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(11h 1m)

I 3249

(11h 1m)



HIGH POLARIZATION VARIABLES: AN UMA

FIELD CENTER: $11^{\text{h}}01^{\text{m}}31.2^{\text{s}}$ $45^{\circ}19'47''$ (B1950)
 $11^{\text{h}}04^{\text{m}}21.5^{\text{s}}$ $45^{\circ}03'36''$ (J2000)
 $l: 165.83$ $b: 62.13$

DATE: 1979/139 - 1979/325
 LIVETIME: 13220.1s

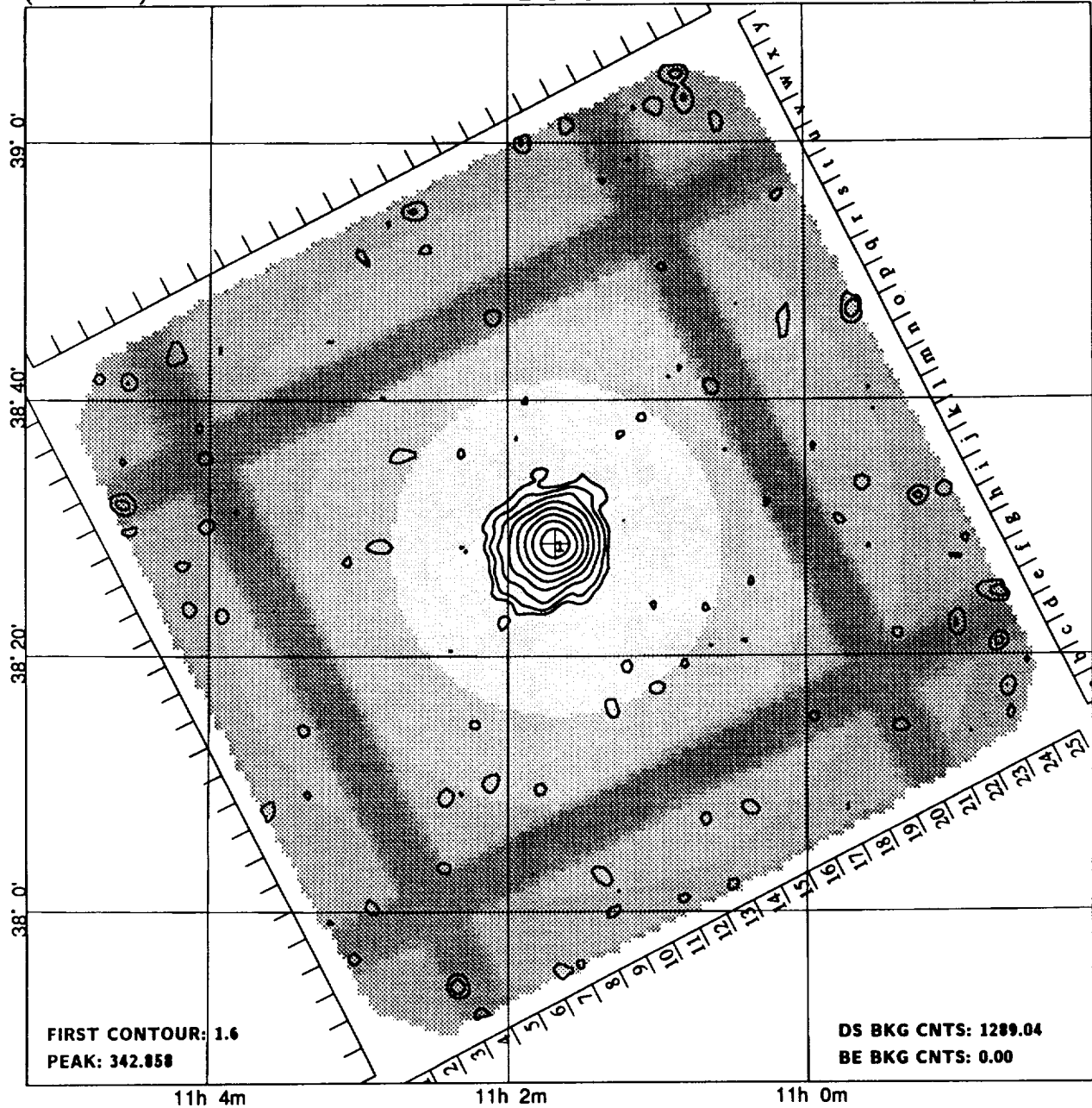
NH: $1.1\text{E}+20$
 REF/ID:
 FIELD FLAGS:

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

(11h 1m)

I 5207

(11h 1m)



BL LAC MK 421, QUASI-SIMULTANEOUS OBSERVATION WITH IUE

FIELD CENTER: $11^h 01^m 39.0^s$ $38^\circ 28' 42''$ (B1950)
 $11^h 04^m 25.7^s$ $38^\circ 12' 31''$ (J2000)
 $l: 179.84$ $b: 65.03$

DATE: 1979/324 - 1979/328
 LIVETIME: 1044.6s
 ROLL ANGLE: -117.2°

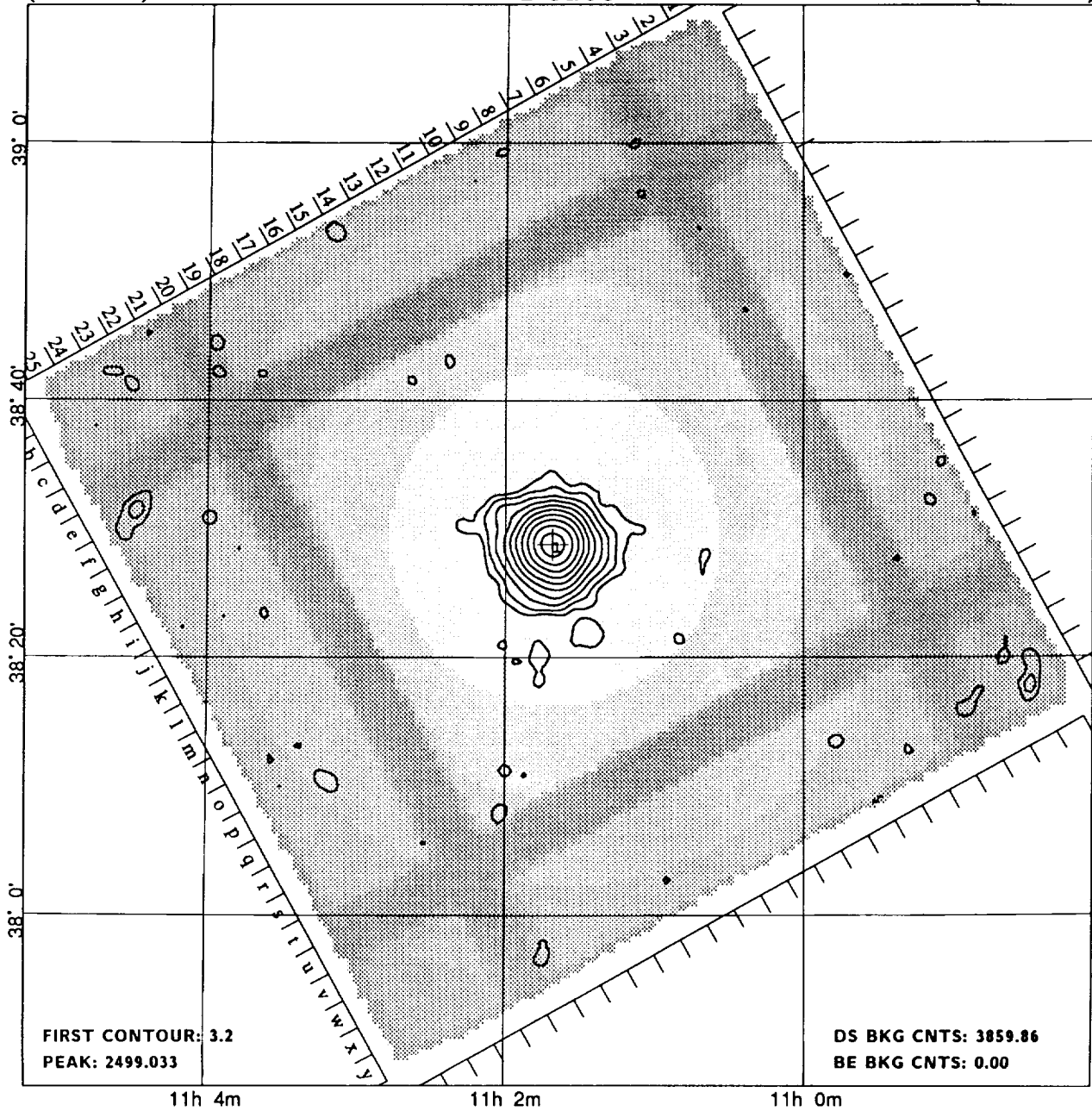
NH: $1.9E+20$
 REF/ID: I
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $11^h 01^m 39.0^s$ $38^\circ 28' 42''$ (B1950)
 $11^h 04^m 25.7^s$ $38^\circ 12' 31''$ (J2000)
 $l: 179.84$ $b: 65.03$

DATE: 1980/133 - 1980/138
 LIVETIME: 3127.8s
 ROLL ANGLE: 61.0°

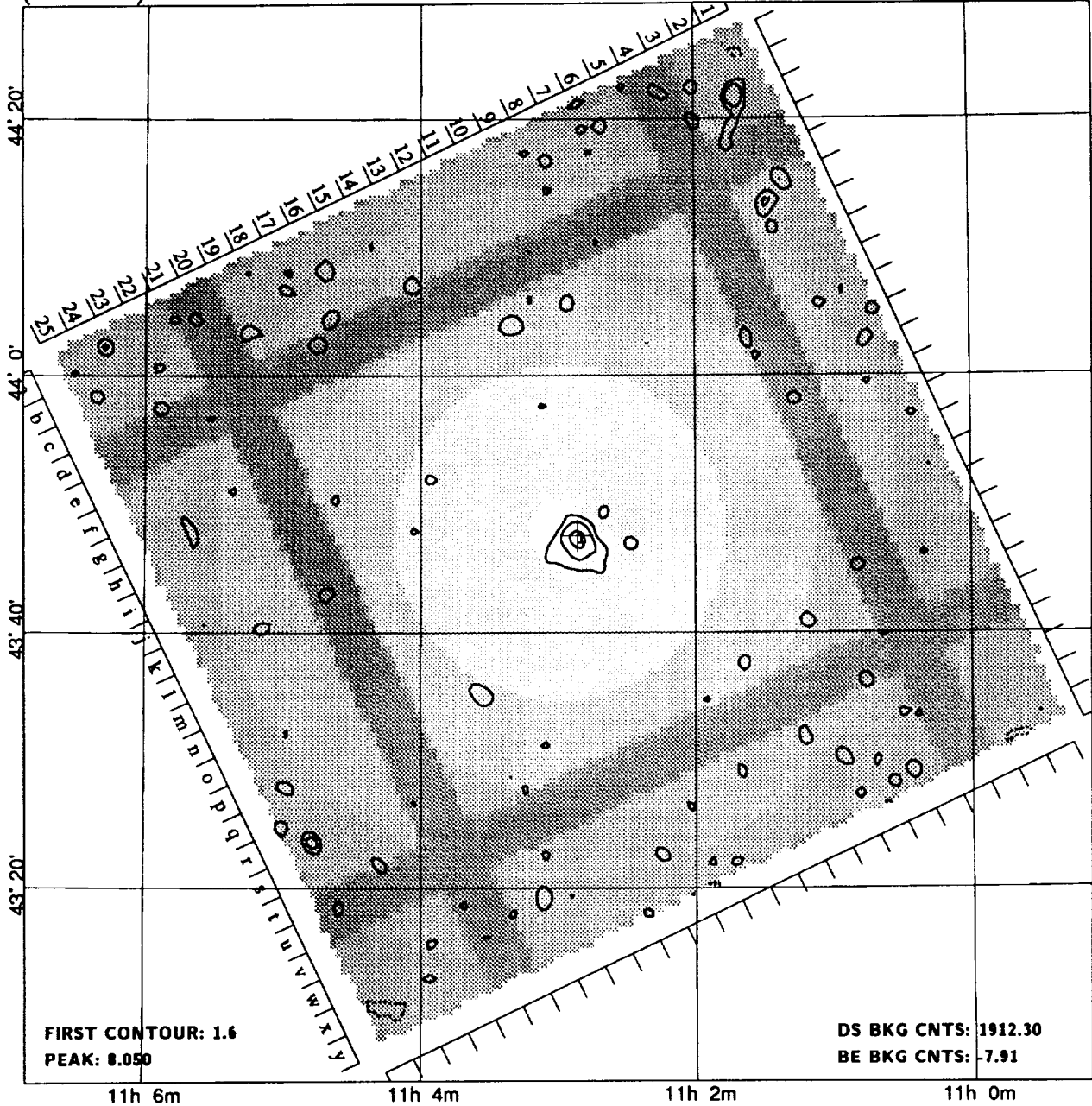
NH: $1.8E+20$
 REF/ID: !
 FIELD FLAGS: CL

CAT #	FLD #	RA (1950)	DEC (1950)	± ''	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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 *

(11h 3m)

I 3110

(11h 3m)



COHERENT SAMPLING OF NEARBY STARS: WX UMA A/B

FIELD CENTER: $11^h 03^m 00.0^s$ $43^\circ 46' 59''$ (B1950)
 $11^h 05^m 49.0^s$ $43^\circ 30' 47''$ (J2000)
 $l: 168.46$ $b: 63.13$

DATE: 1979/144 - 1979/144
 LIVETIME: 1549.6s
 ROLL ANGLE: 64.7°

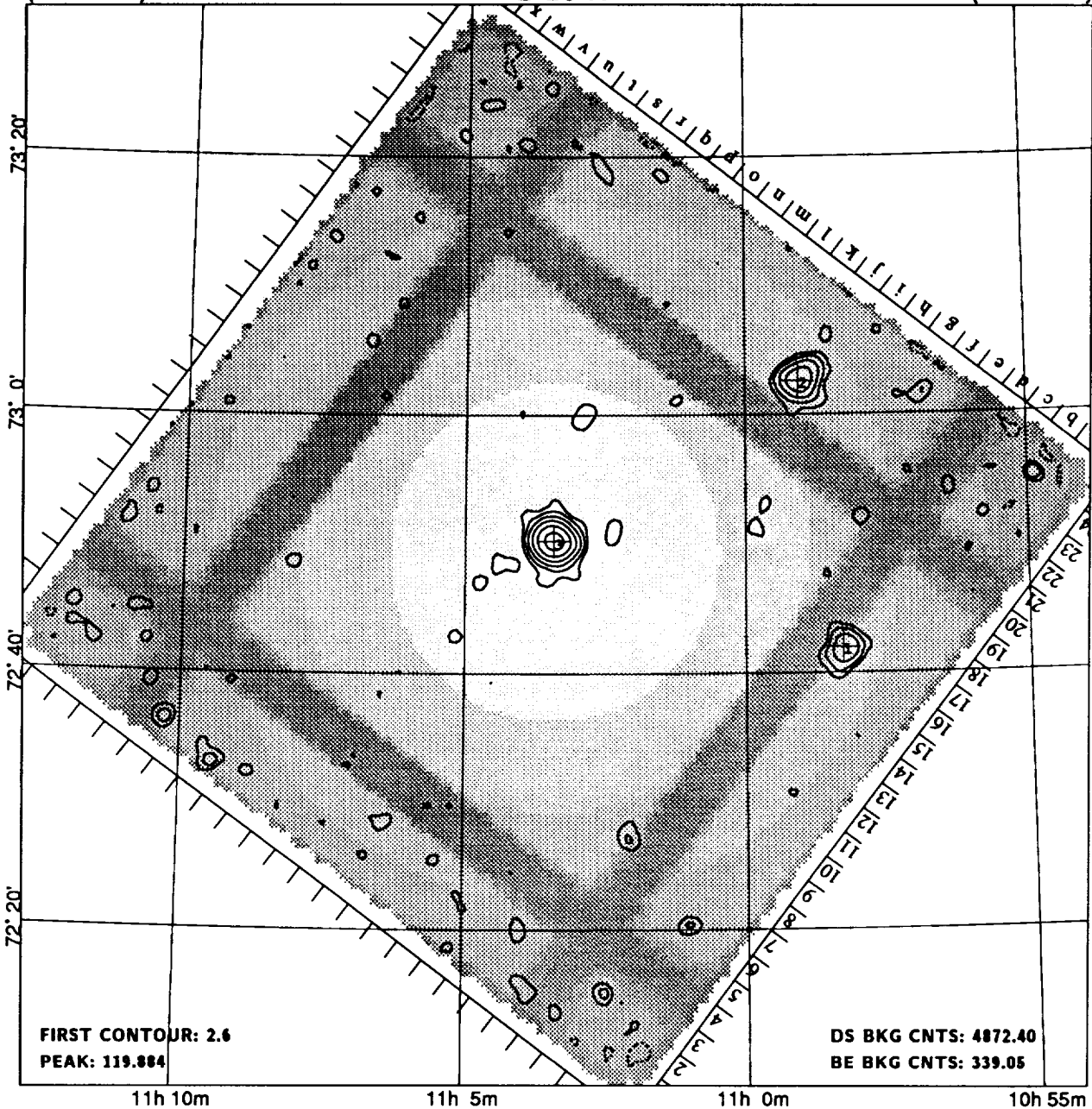
NH: $1.2E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(11h 3m)

I 1947

(11h 3m)



NGC 3516: SEYFERT AND N-TYPE GALAXIES

FIELD CENTER: $11^{\text{h}}03^{\text{m}}24.0^{\text{s}}$ $72^{\circ}49'59''$ (B1950)
 $11^{\text{h}}06^{\text{m}}48.6^{\text{s}}$ $72^{\circ}33'46''$ (J2000)
 $l: 133.24$ $b: 42.41$

DATE: 1979/278 - 1979/293
 LIVETIME: 3948.3s
 ROLL ANGLE: -143.3°

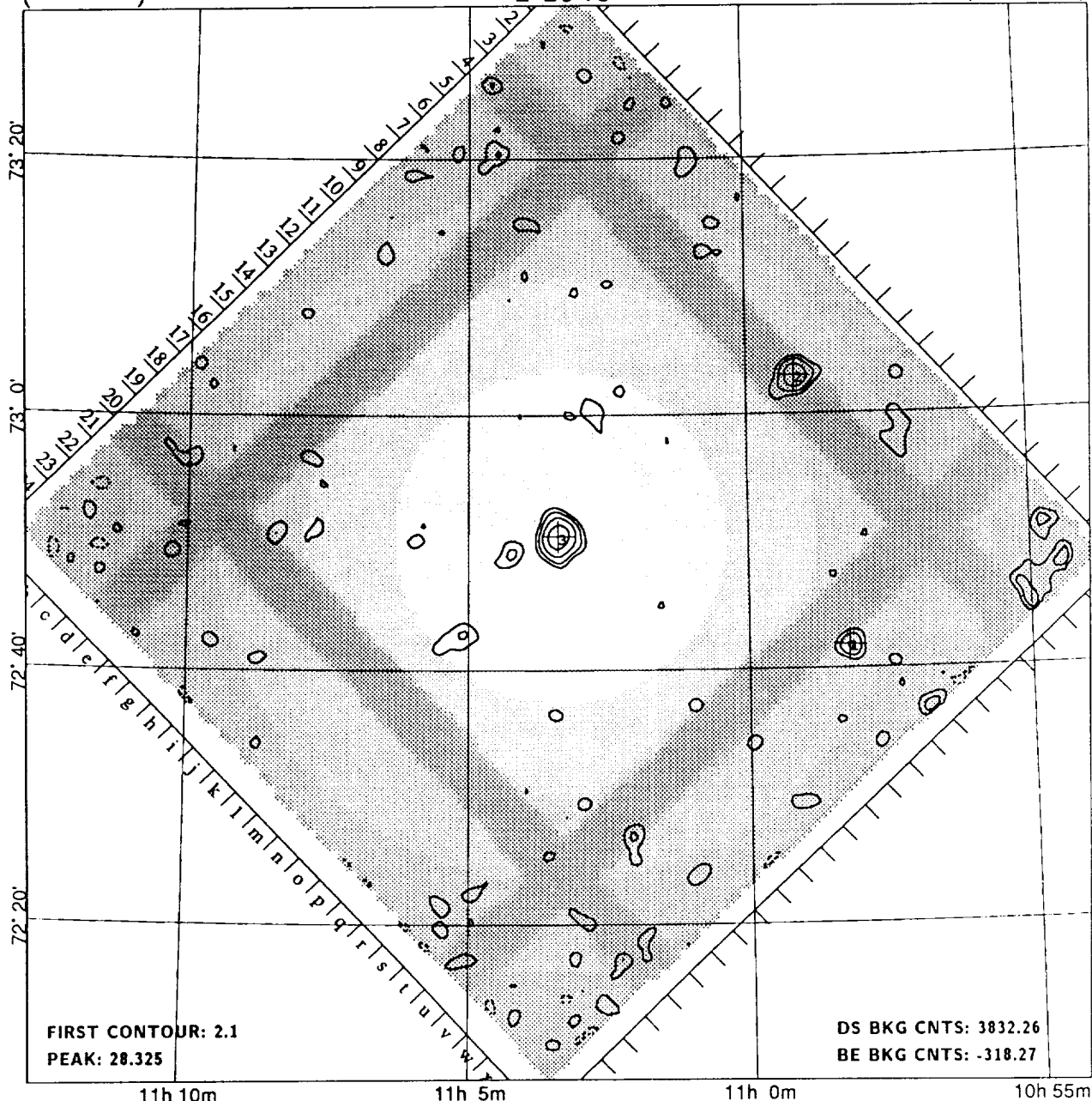
NH: $3.0\text{E}+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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)



FIRST CONTOUR: 2.1
PEAK: 28.325

DS BKG CNTS: 3832.26
BE BKG CNTS: -318.27

NGC 3516: SEYFERT AND N-TYPE GALAXIES

FIELD CENTER: $11^{\text{h}}03^{\text{m}}24.0^{\text{s}}$ $72^{\circ}49'59''$ (B1950)
 $11^{\text{h}}06^{\text{m}}48.6^{\text{s}}$ $72^{\circ}33'46''$ (J2000)
 $l: 133.24$ $b: 42.41$

DATE: 1979/117 - 1979/117
 LIVETIME: 3105.4s
 ROLL ANGLE: 46.5°

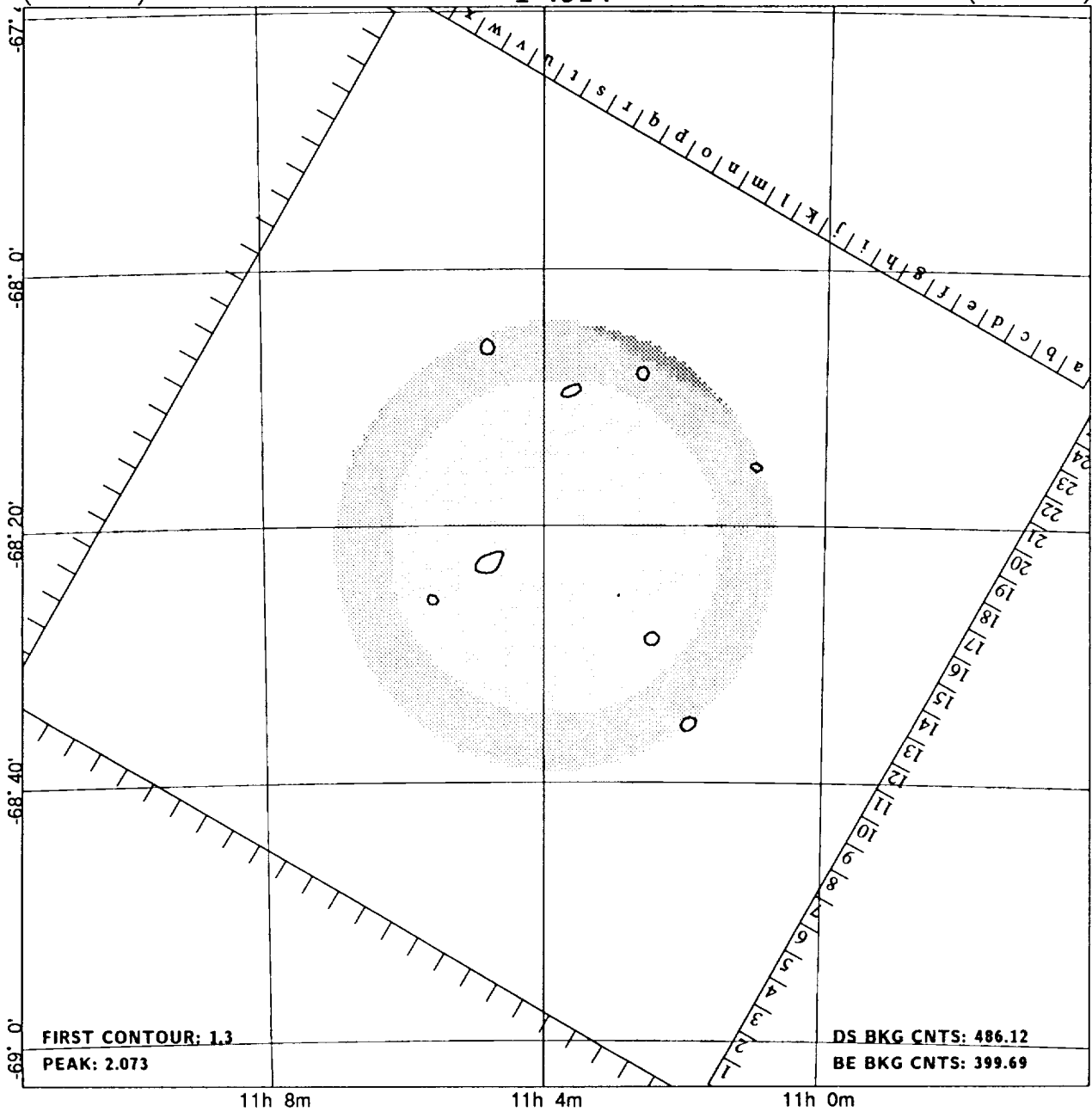
NH: $3.0\text{E}+20$
 REF/ID:
 FIELD FLAGS: C

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)



11h 8m

11h 4m

11h 0m

STAR HDE 310376

FIELD CENTER: $11^h 03^m 50.4^s - 68^\circ 21' 39''$ (B1950)
 $11^h 05^m 43.6^s - 68^\circ 37' 53''$ (J2000)
 $l: 293.51 \quad b: -7.71$

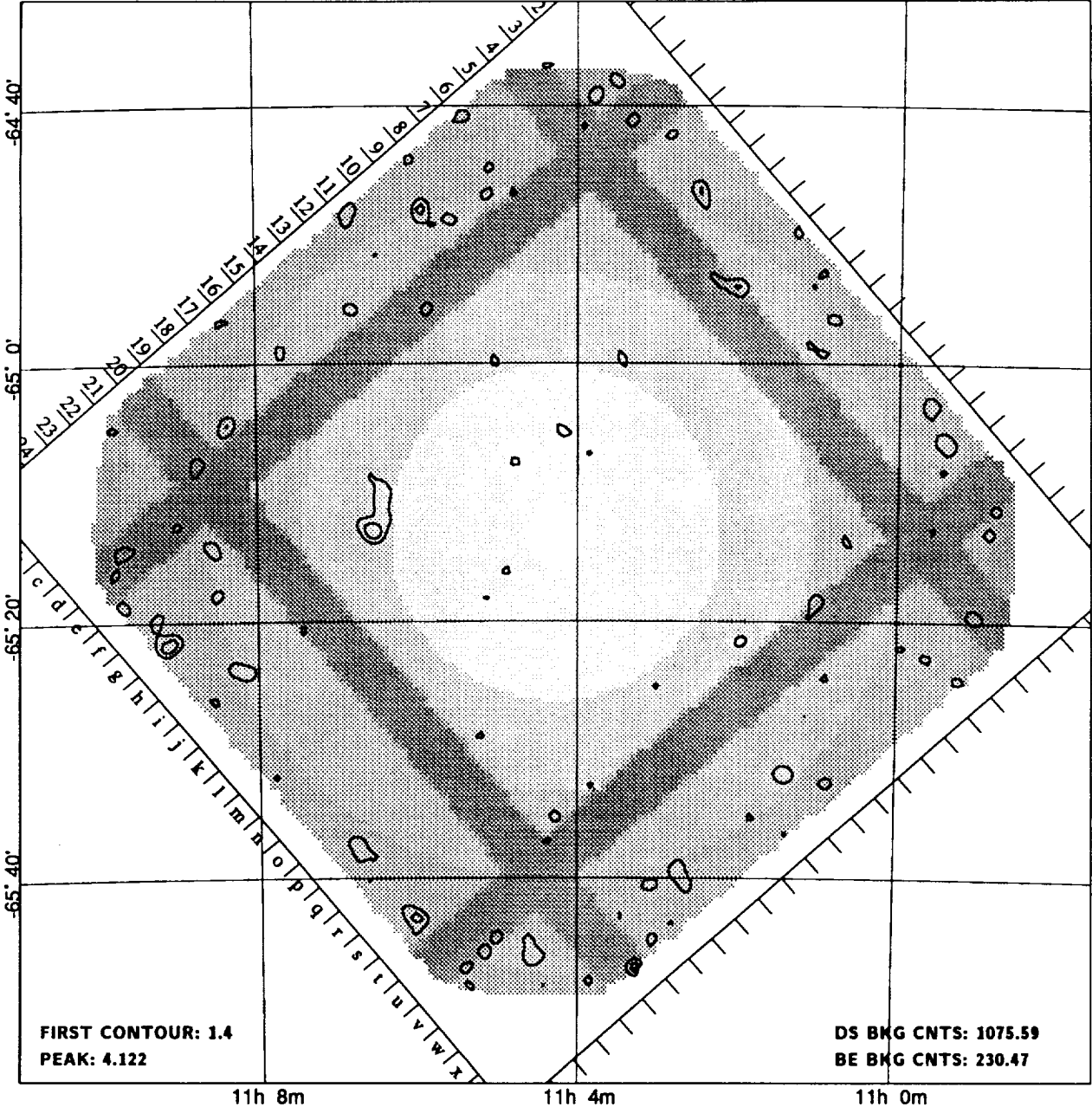
DATE: 1980/ 36 - 1980/ 36
 LIVETIME: 393.9s
 ROLL ANGLE: -150.1°

NH: $1.3E+21$
 REF/ID:
 FIELD FLAGS:

(11h 4m)

I 3009

(11h 4m)



FILAMENTARY NEBULAE: RCW58

FIELD CENTER: $11^h 04^m 16.0^s - 65^\circ 13' 59''$ (B1950)
 $11^h 06^m 15.2^s - 65^\circ 30' 13''$ (J2000)
 $l: 292.31 \quad b: -4.82$

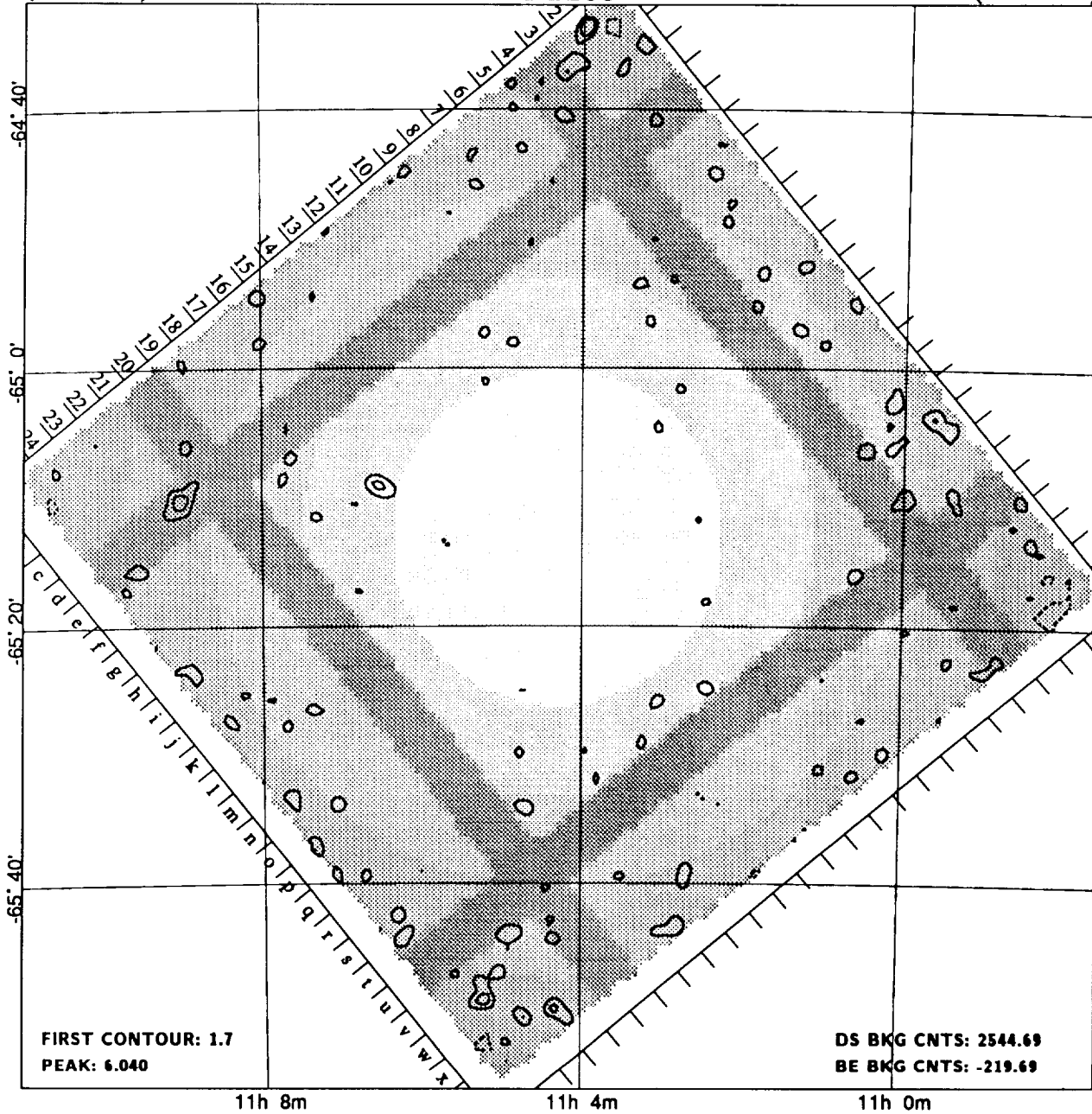
DATE: 1979/194 - 1979/194
 LIVETIME: 871.6s
 ROLL ANGLE: 49.3°

NH: $1.2E+21$
 REF/ID: S
 FIELD FLAGS:

(11h 4m)

I 2285

(11h 4m)



STELLAR SURVEY-WOLF-RAYET STARS: HD96548=RCW58

FIELD CENTER: $11^{\text{h}}04^{\text{m}}18.0^{\text{s}}$ $-65^{\circ}13'58''$ (B1950)
 $11^{\text{h}}06^{\text{m}}17.3^{\text{s}}$ $-65^{\circ}30'12''$ (J2000)
 $l: 292.31$ $b: -4.82$

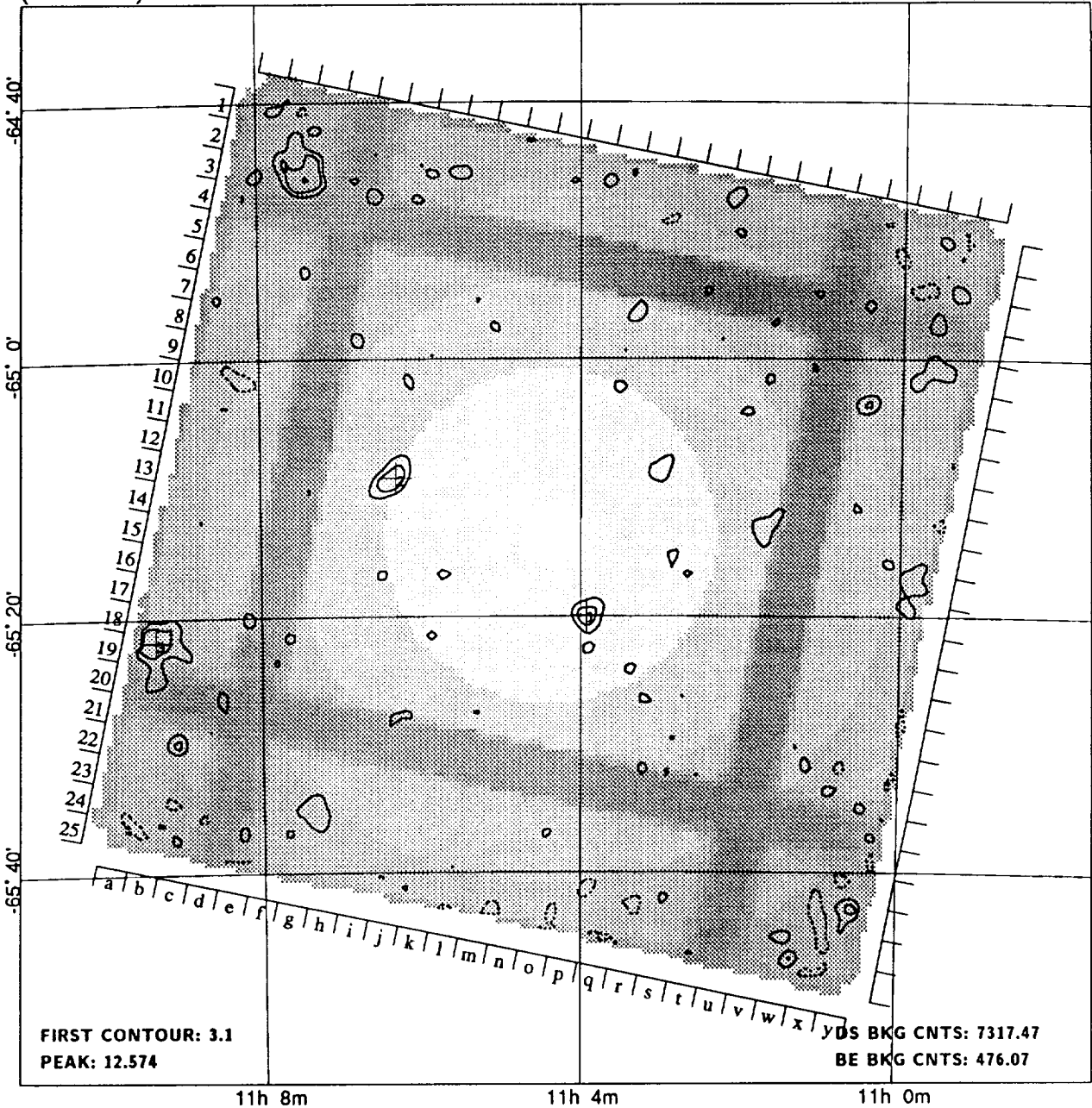
DATE: 1979/192 - 1979/192
 LIVETIME: 2062.0s
 ROLL ANGLE: 50.7°

NH: $1.2\text{E}+21$
 REF/ID: S
 FIELD FLAGS:

(11h 4m)

I 7873

(11h 4m)



HD 96548, COMPACT COMPANIONS OF SINGLE-LINE WR STARS

FIELD CENTER: $11^{\text{h}}04^{\text{m}}18.1^{\text{s}}$ $-65^{\circ}14'27''$ (B1950)
 $11^{\text{h}}06^{\text{m}}17.3^{\text{s}}$ $-65^{\circ}30'41''$ (J2000)
 $l: 292.32$ $b: -4.83$

DATE: 1980/237 - 1980/240
 LIVETIME: 5929.6s
 ROLL ANGLE: 11.5°

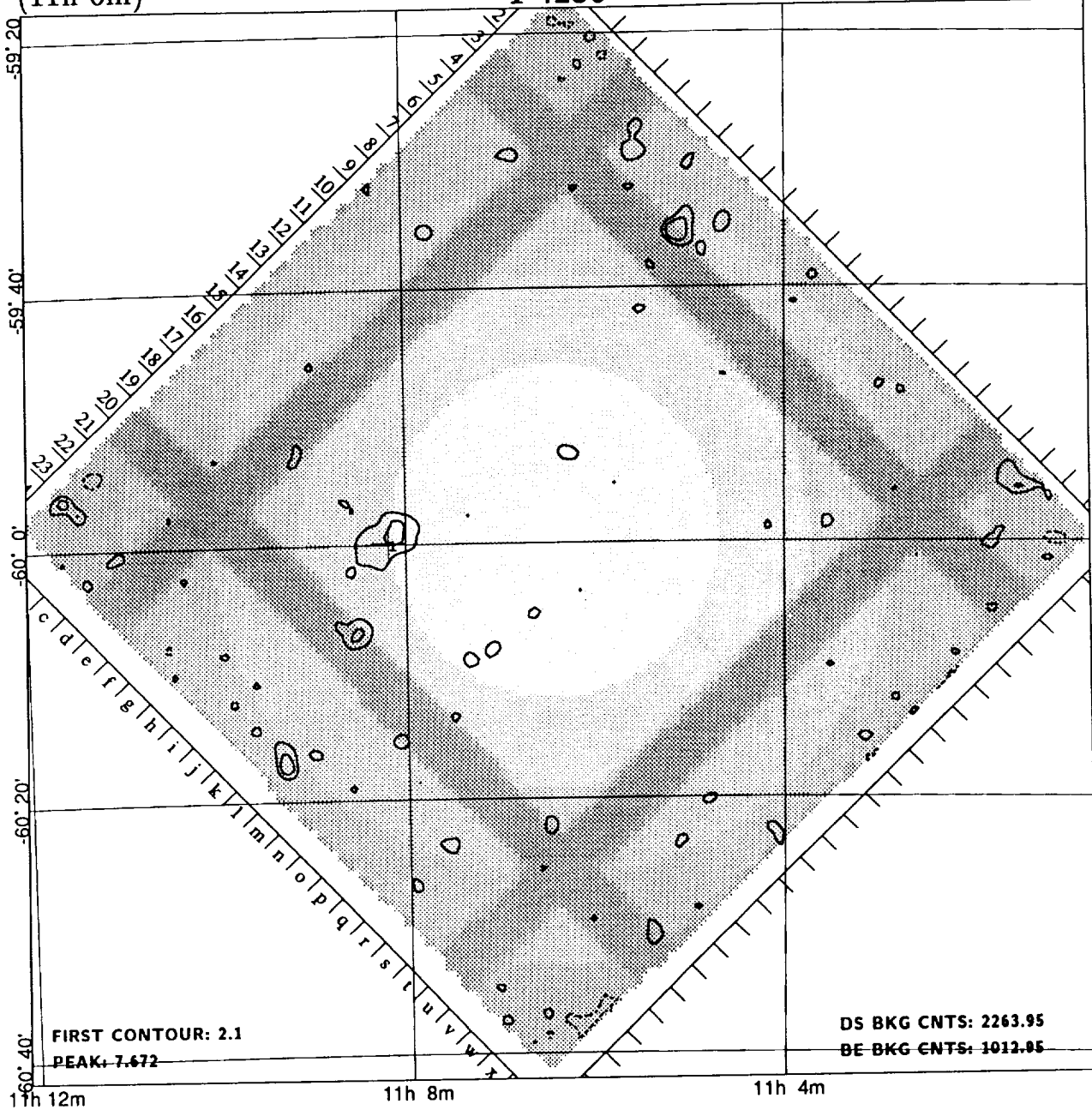
NH: $1.2\text{E}+21$
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(11h 6m)

I 4236

(11h 6m)



FIRST CONTOUR: 2.1
PEAK: 7.672

DS BKG CNTS: 2263.95
BE BKG CNTS: 1012.85

OB ASSOCIATIONS: CAR OB2

FIELD CENTER: $11^{\text{h}}06^{\text{m}}24.0^{\text{s}}$ $-59^{\circ}59'59''$ (B1950)
 $11^{\text{h}}08^{\text{m}}31.3^{\text{s}}$ $-60^{\circ}16'16''$ (J2000)
 $l: 290.50$ $b: 0.09$

DATE: 1979/194 - 1979/194
LIVETIME: 1834.6s
ROLL ANGLE: 46.0°

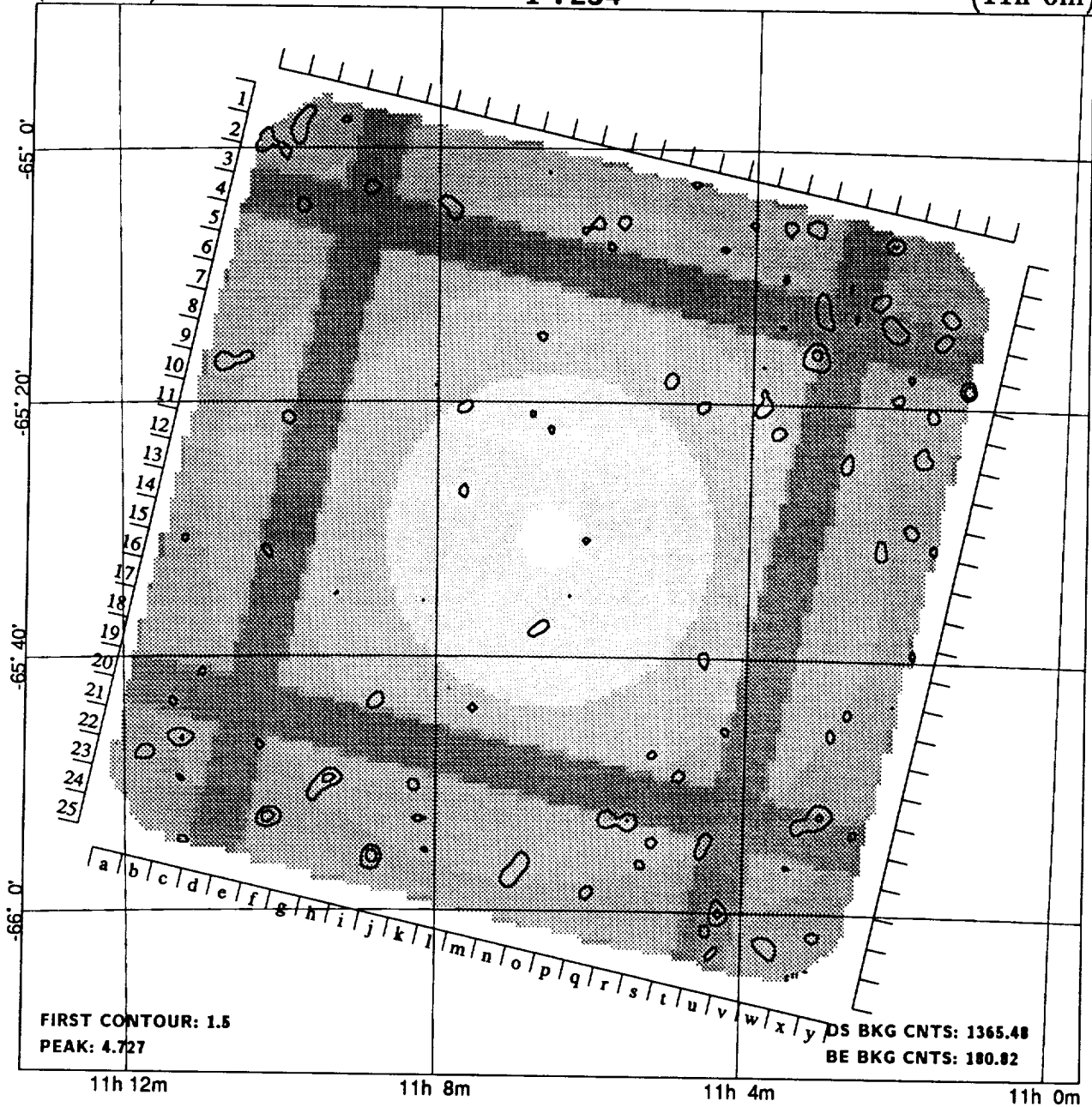
NH: $1.2\text{E}+21$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
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	*

(11h 6m)

I 7254

(11h 6m)



SS 29, STRONG EMISSION LINE STAR

FIELD CENTER: $11^h 06^m 27.3^s$ $-65^\circ 31' 01''$ (B1950)
 $11^h 08^m 27.4^s$ $-65^\circ 47' 17''$ (J2000)
 $l: 292.63$ $b: -5.00$

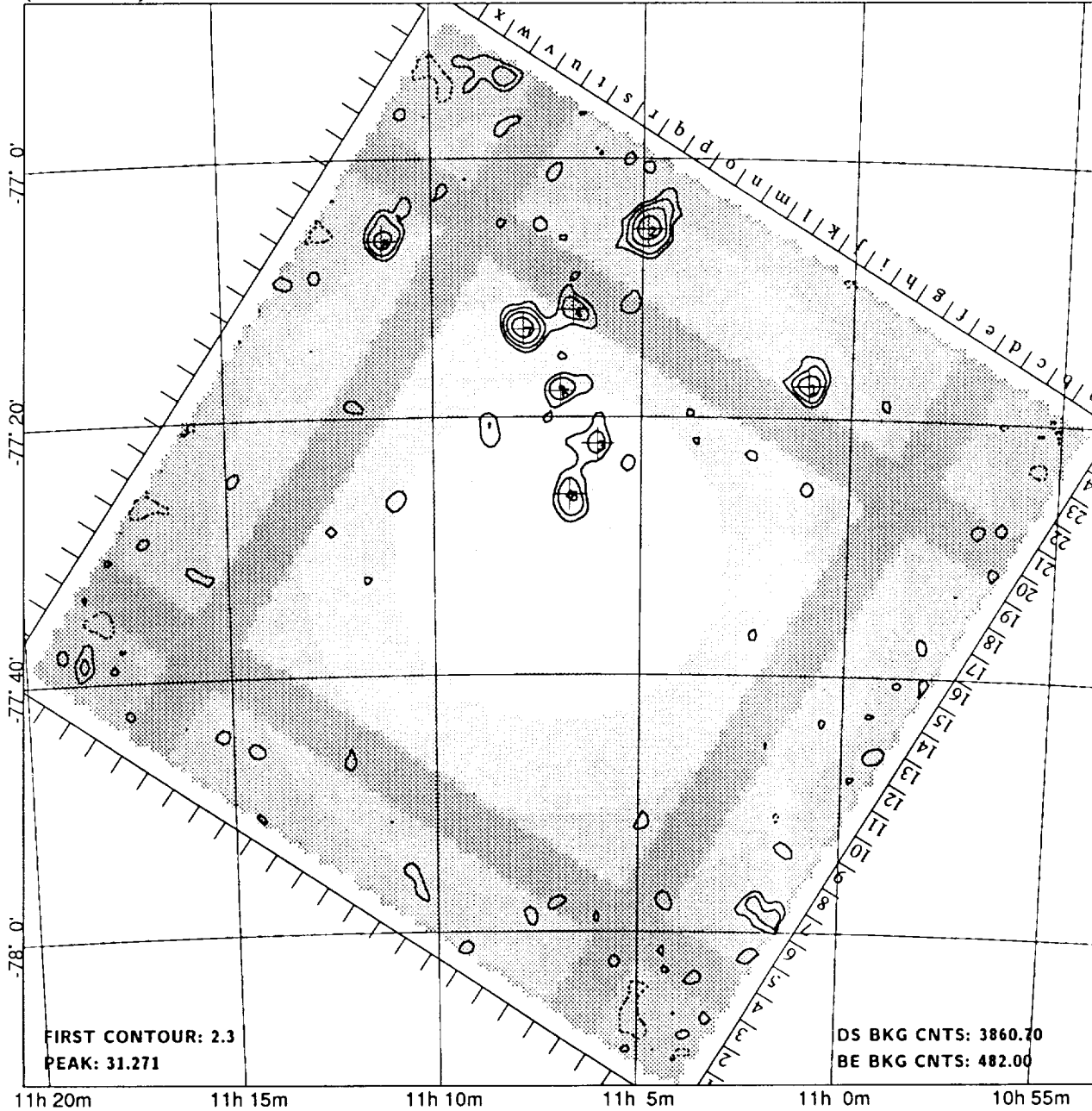
DATE: 1980/238 - 1980/238
 LIVETIME: 1106.5s
 ROLL ANGLE: 12.6°

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

(11h 7m)

I 10350

(11h 7m)



W CHA POS 2

FIELD CENTER: $11^{\text{h}}07^{\text{m}}00.0^{\text{s}}$ $-77^{\circ}29'59''$ (B1950)
 $11^{\text{h}}08^{\text{m}}24.7^{\text{s}}$ $-77^{\circ}46'15''$ (J2000)
 $l: 297.44$ $b: -16.01$

DATE: 1981/ 23 - 1981/ 23
 LIVETIME: 3128.4s
 ROLL ANGLE: -147.5°

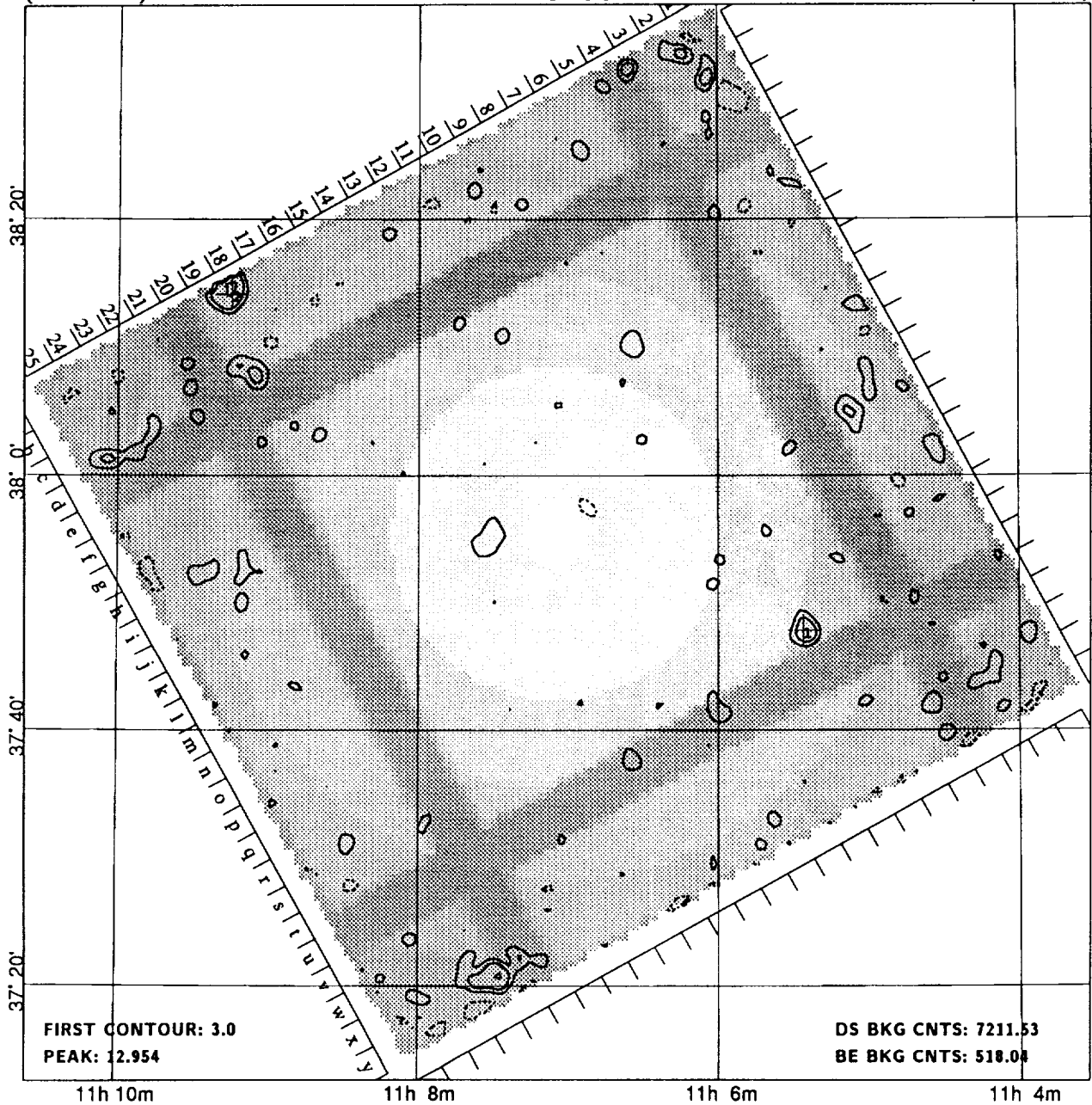
NH: $9.3E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $11^h 07^m 04.0^s$ $37^\circ 54' 43''$ (B1950)
 $11^h 09^m 49.3^s$ $37^\circ 38' 26''$ (J2000)
 $l: 180.32$ $b: 66.22$

DATE: 1980/138 - 1980/138
 LIVETIME: 5843.8s
 ROLL ANGLE: 61.0°

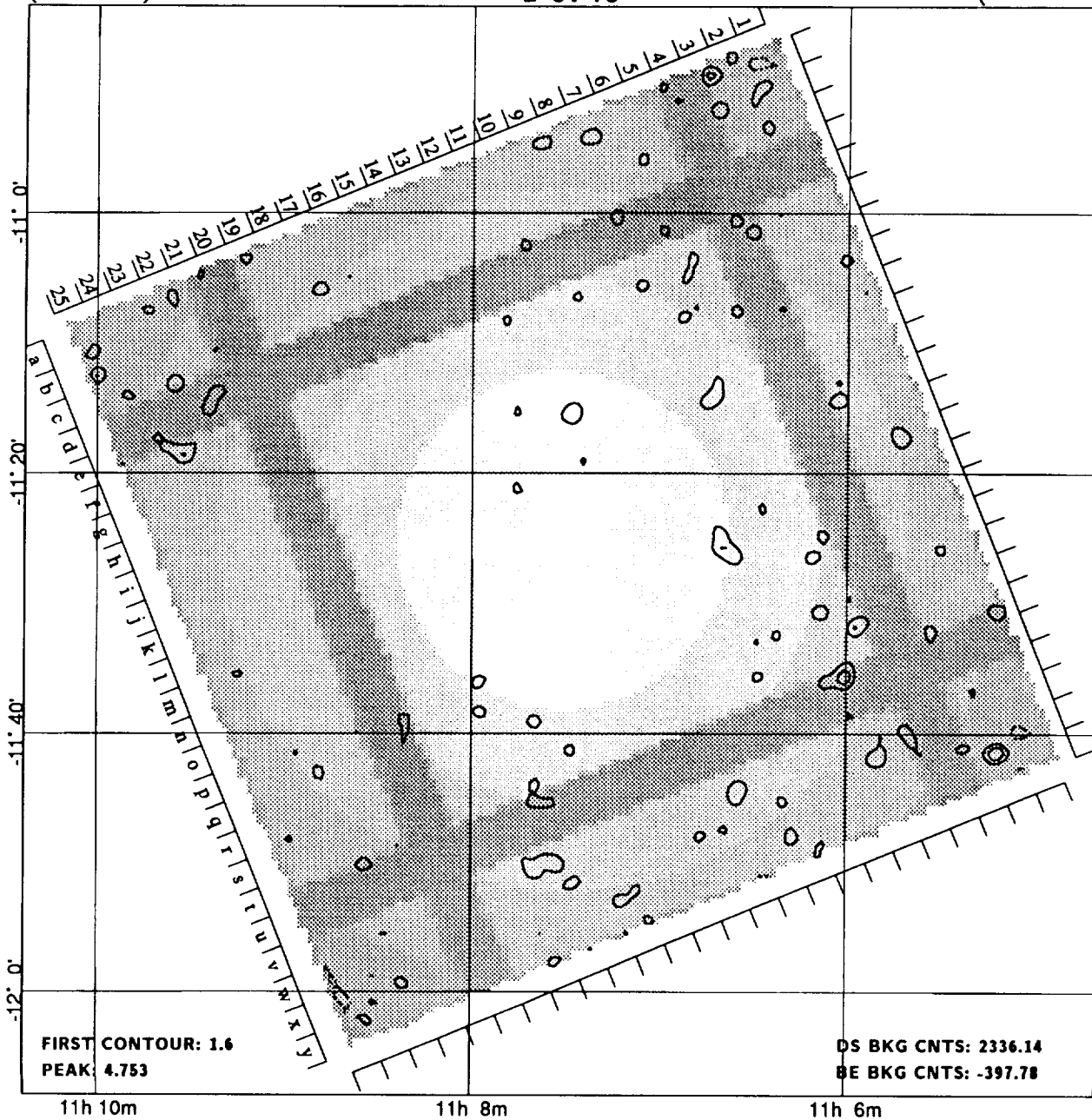
NH: $1.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $11^{\text{h}}07^{\text{m}}31.9^{\text{s}}$ $-11^{\circ}26'02''$ (B1950)
 $11^{\text{h}}10^{\text{m}}02.6^{\text{s}}$ $-11^{\circ}42'20''$ (J2000)
 $l: 267.26$ $b: 44.03$

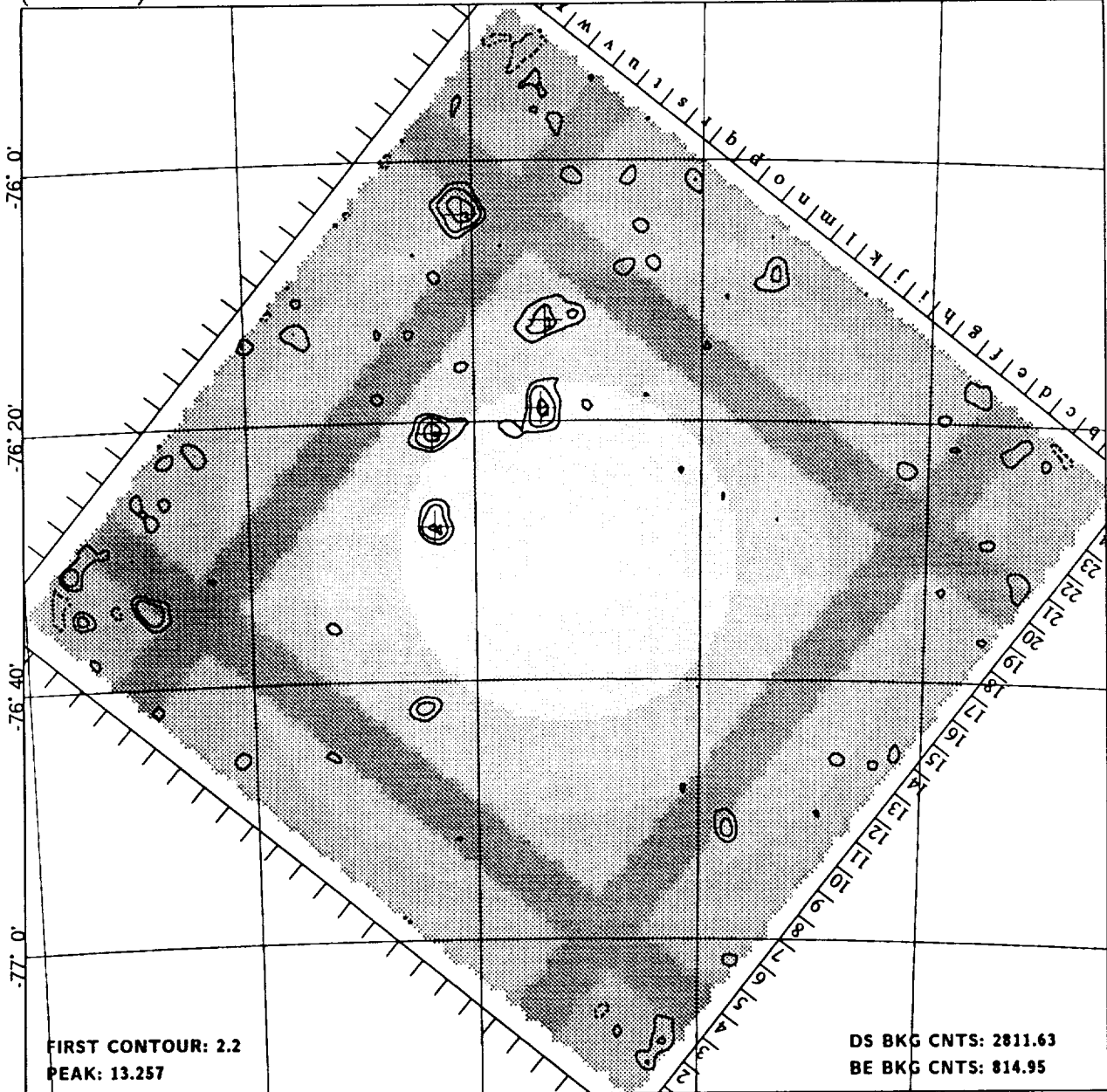
DATE: 1980/171 - 1980/171
LIVETIME: 1893.0s
ROLL ANGLE: 67.9°

NH: $4.8\text{E}+20$
REF/ID:
FIELD FLAGS:

(11h 8m)

I 10351

(11h 8m)



FIRST CONTOUR: 2.2
PEAK: 13.257

DS BKG CNTS: 2811.63
BE BKG CNTS: 814.95

11h 20m

11h 15m

11h 10m

11h 5m

11h 0m

W CHA POS 3

FIELD CENTER: $11^{\text{h}}08^{\text{m}}00.0^{\text{s}}$ $-76^{\circ}29'59''$ (B1950)
 $11^{\text{h}}09^{\text{m}}31.3^{\text{s}}$ $-76^{\circ}46'17''$ (J2000)
 $l: 297.08$ $b: -15.07$

DATE: 1981/ 23 - 1981/ 23
LIVETIME: 2278.3s
ROLL ANGLE: -141.4°

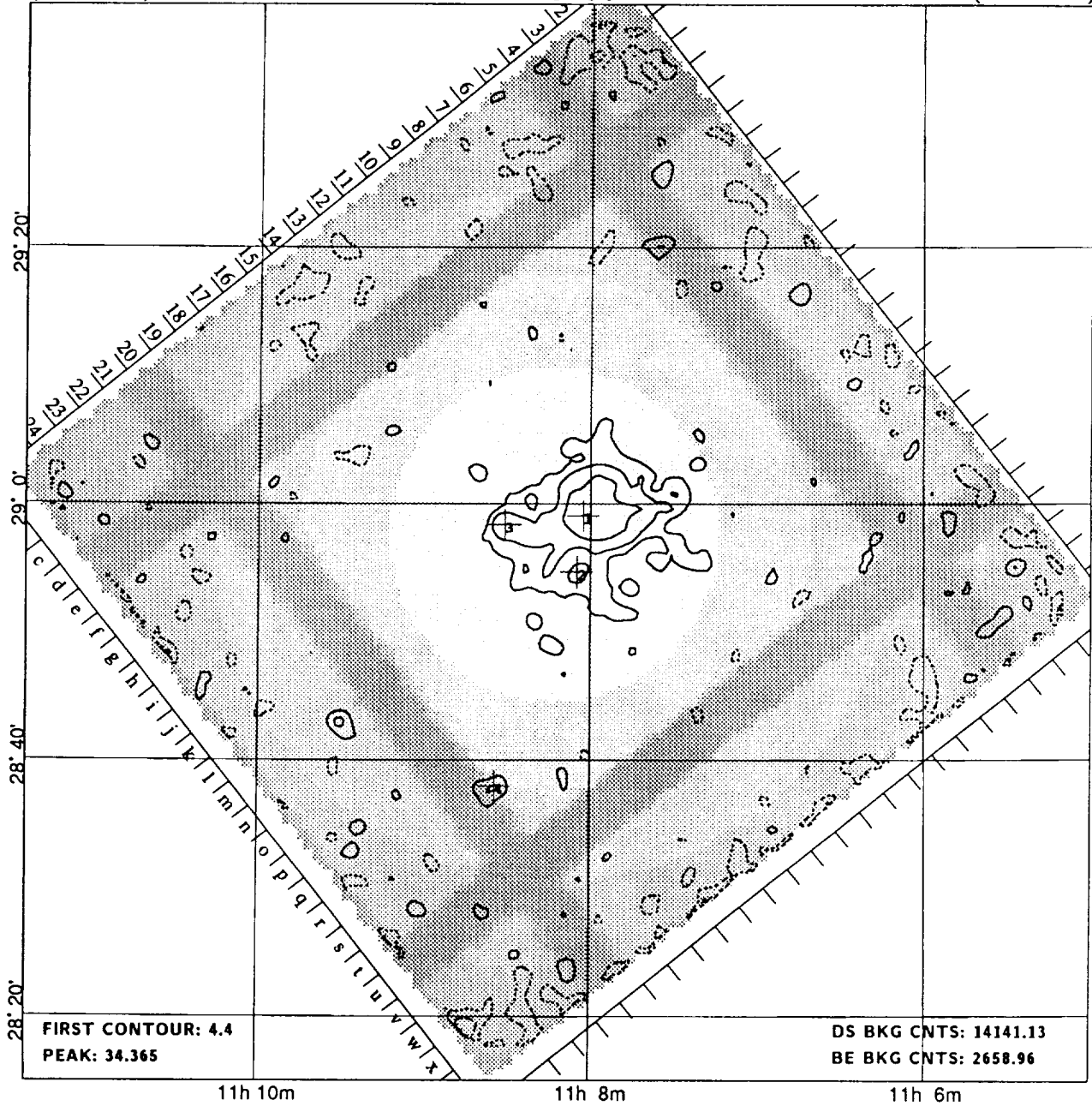
NH: $9.4\text{E}+20$
REF/ID:
FIELD FLAGS:

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	

(11h 8m)

I 6100

(11h 8m)



A 1185, DETAILED STUDY OF NEARBY CLUSTERS

FIELD CENTER: $11^{\text{h}}08^{\text{m}}12.0^{\text{s}}$ $28^{\circ}56'59''$ (B1950)
 $11^{\text{h}}10^{\text{m}}53.7^{\text{s}}$ $28^{\circ}40'42''$ (J2000)
 $l: 203.05$ $b: 67.77$

DATE: 1980/137 - 1980/138
 LIVETIME: 11459.0s
 ROLL ANGLE: 51.5°

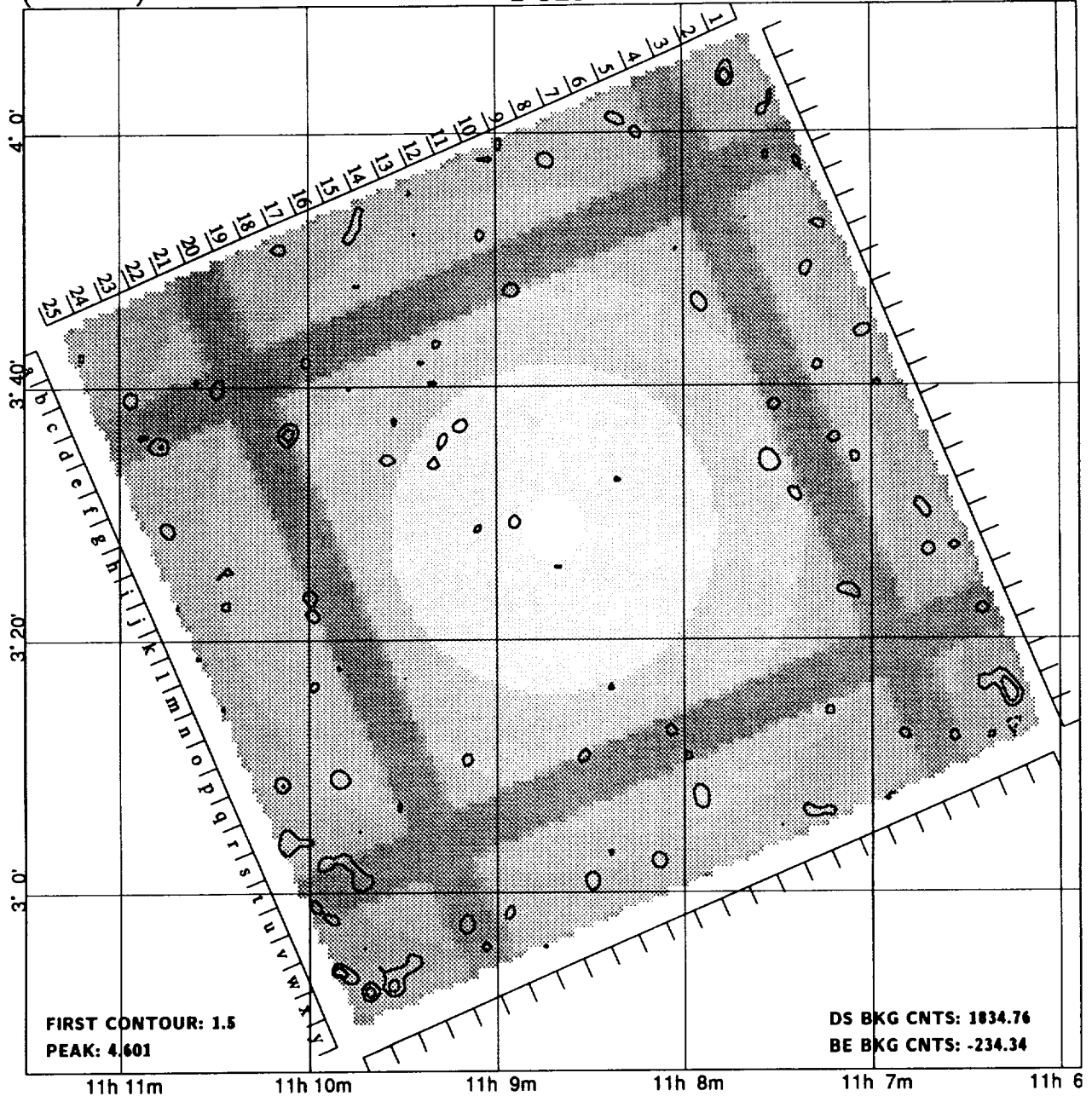
NH: $1.8\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(11h 8m)

I 3297

(11h 8m)



CD GALAXIES IN POOR CLUSTERS: K103

FIELD CENTER: $11^{\text{h}}08^{\text{m}}42.0^{\text{s}}$ $03^{\circ}27'59''$ (B1950)
 $11^{\text{h}}11^{\text{m}}16.6^{\text{s}}$ $03^{\circ}11'41''$ (J2000)
 $l: 253.58$ $b: 56.15$

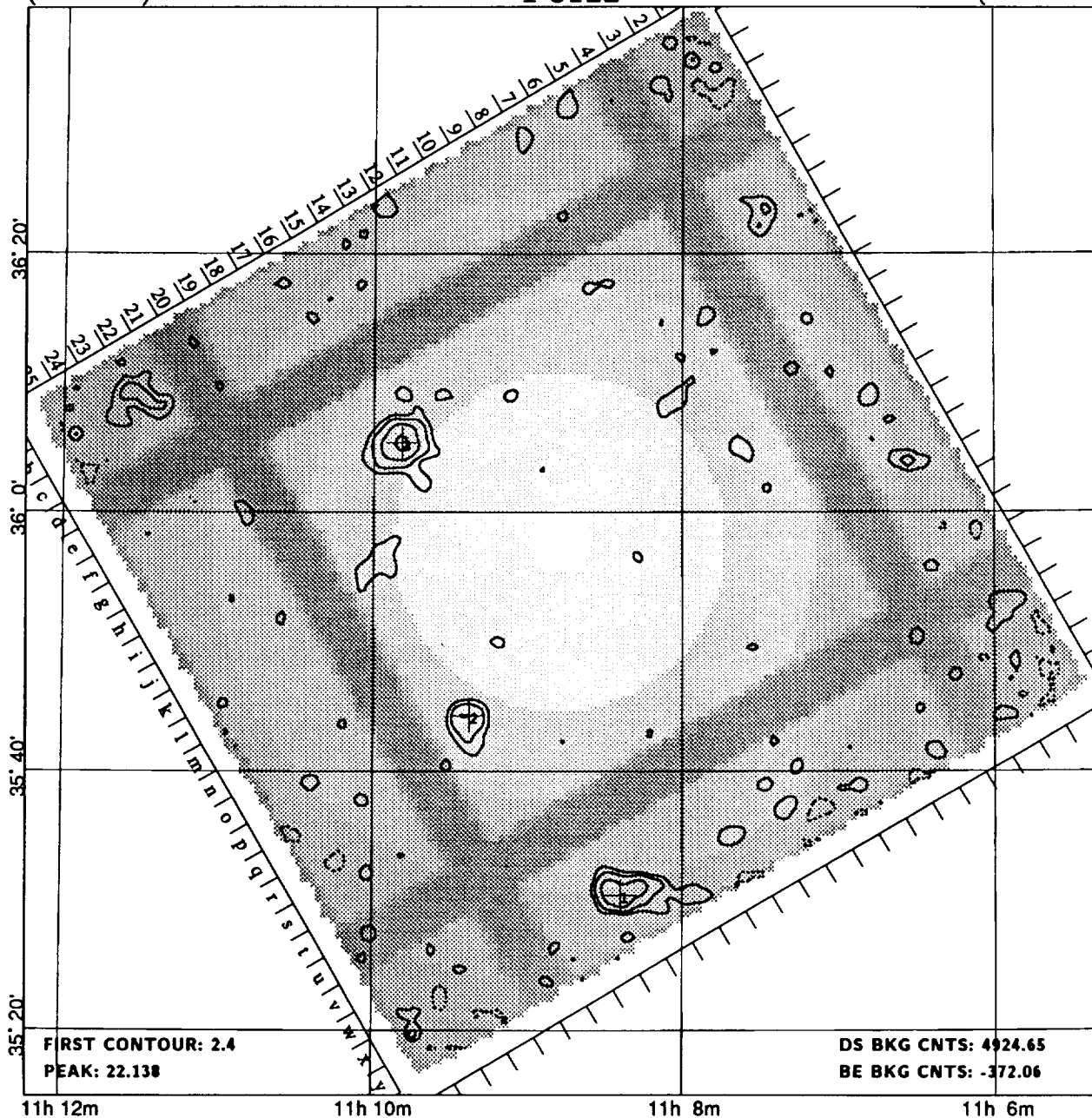
DATE: 1979/171 - 1979/171
 LIVETIME: 1486.8s
 ROLL ANGLE: 66.8°

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

(11h 8m)

I 3122

(11h 8m)



3C 252: OPTICAL OBJECTS IN THE LOBES OF RADIO GALAXIES

FIELD CENTER: $11^{\text{h}}08^{\text{m}}47.0^{\text{s}}$ $35^{\circ}56'59''$ (B1950)
 $11^{\text{h}}11^{\text{m}}31.1^{\text{s}}$ $35^{\circ}40'41''$ (J2000)
 $l: 184.81$ $b: 67.11$

DATE: 1979/143 - 1979/143
 LIVETIME: 3990.6s
 ROLL ANGLE: 59.8°

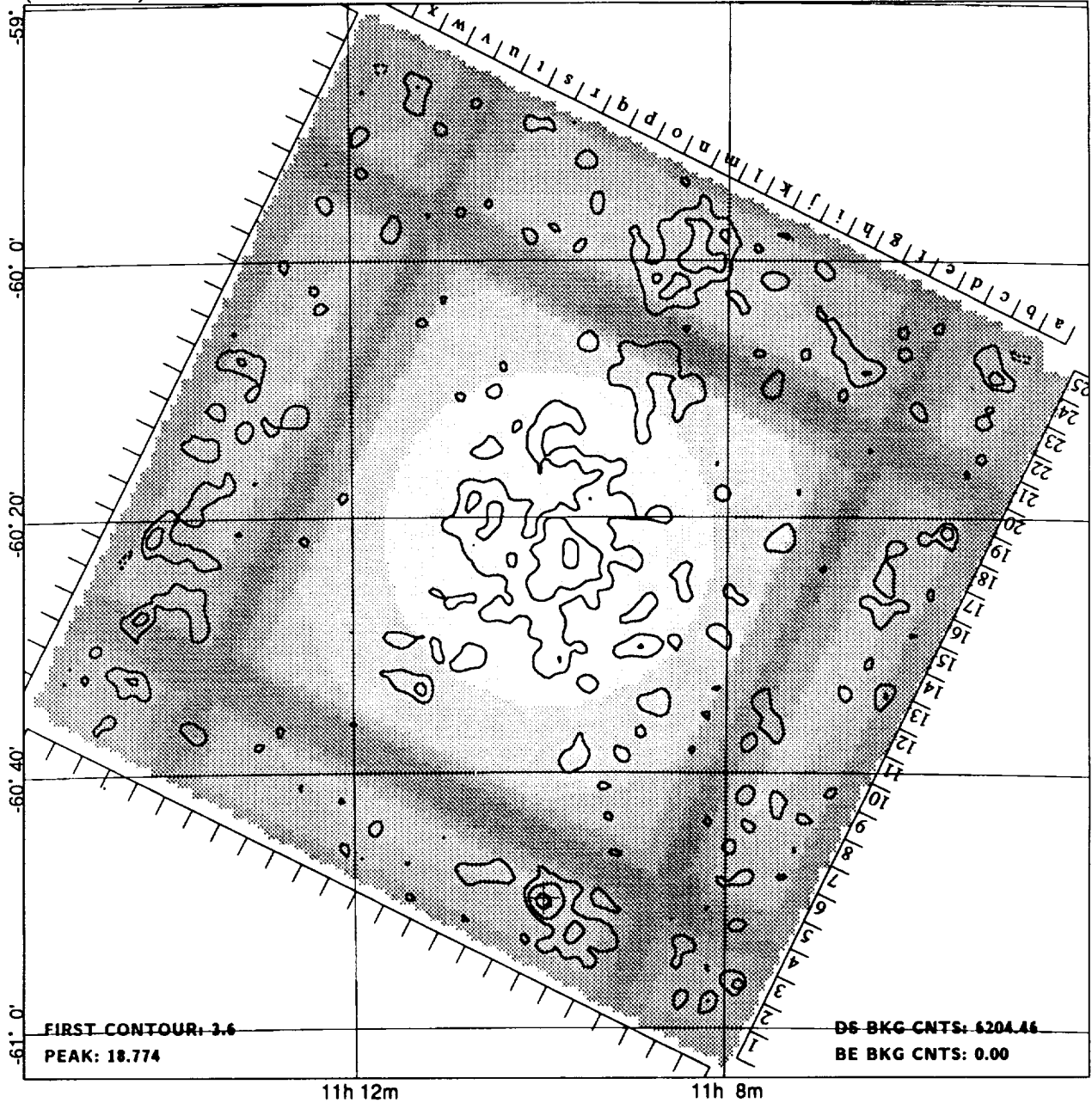
NH: $2.1\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm ''	COUNT RATE	\pm	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: $11^{\text{h}}09^{\text{m}}49.0^{\text{s}}$ $-60^{\circ}21'59''$ (B1950)
 $11^{\text{h}}11^{\text{m}}57.6^{\text{s}}$ $-60^{\circ}38'19''$ (J2000)
 $l: 291.03$ $b: -0.09$

DATE: 1980/ 37 - 1980/ 39
 LIVETIME: 5027.7s
 ROLL ANGLE: -153.6°

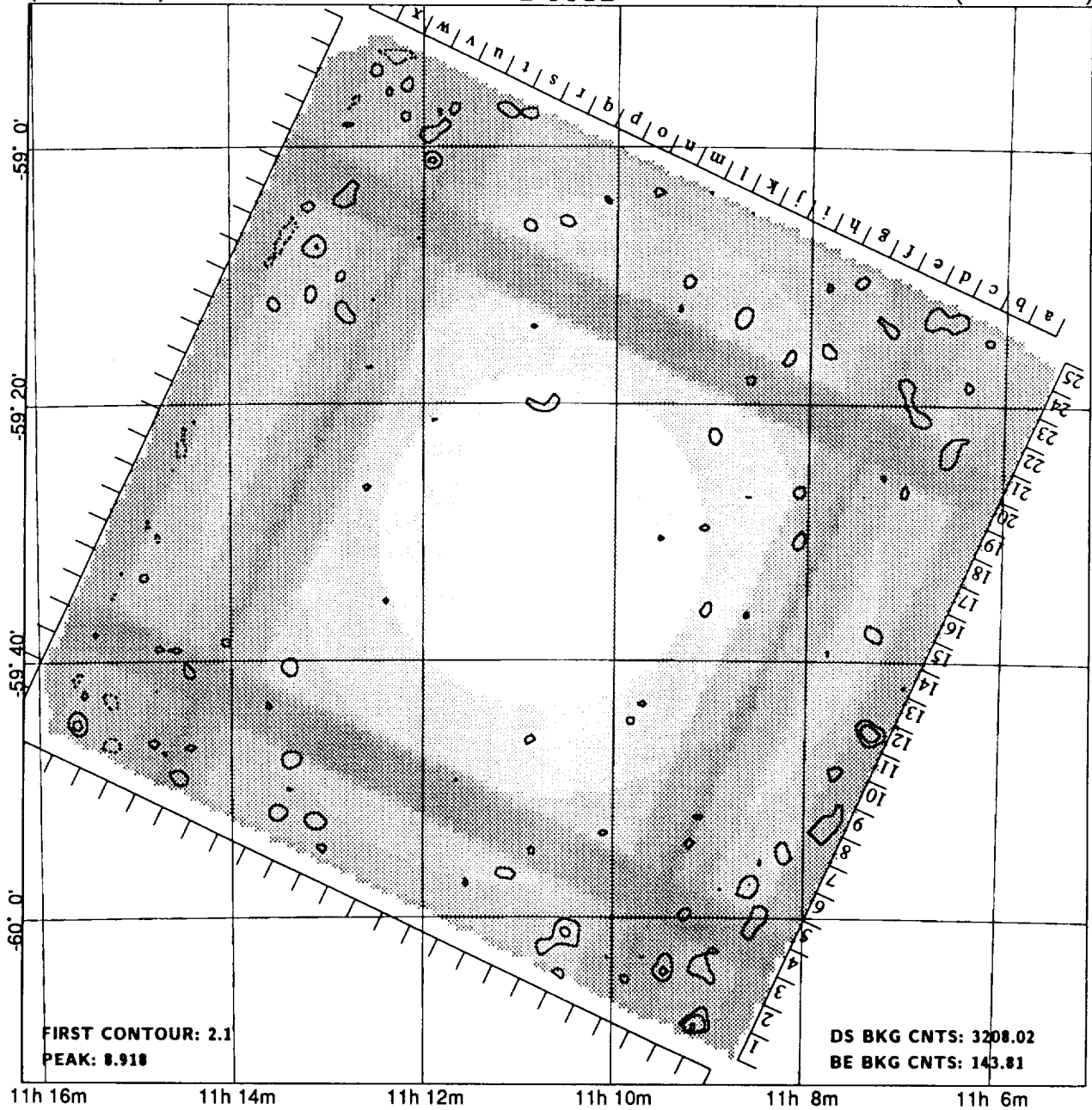
NH: $1.2\text{E}+21$
 REF/ID: SNR
 FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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	*

(11h 10m)

I 5312

(11h 10m)



SEARCH FOR YOUNG GALACTIC SNR

FIELD CENTER: $11^h 10^m 37.0^s$ $-59^\circ 31' 06''$ (B1950)
 $11^h 12^m 46.8^s$ $-59^\circ 47' 26''$ (J2000)
 $l: 290.81$ $b: 0.74$

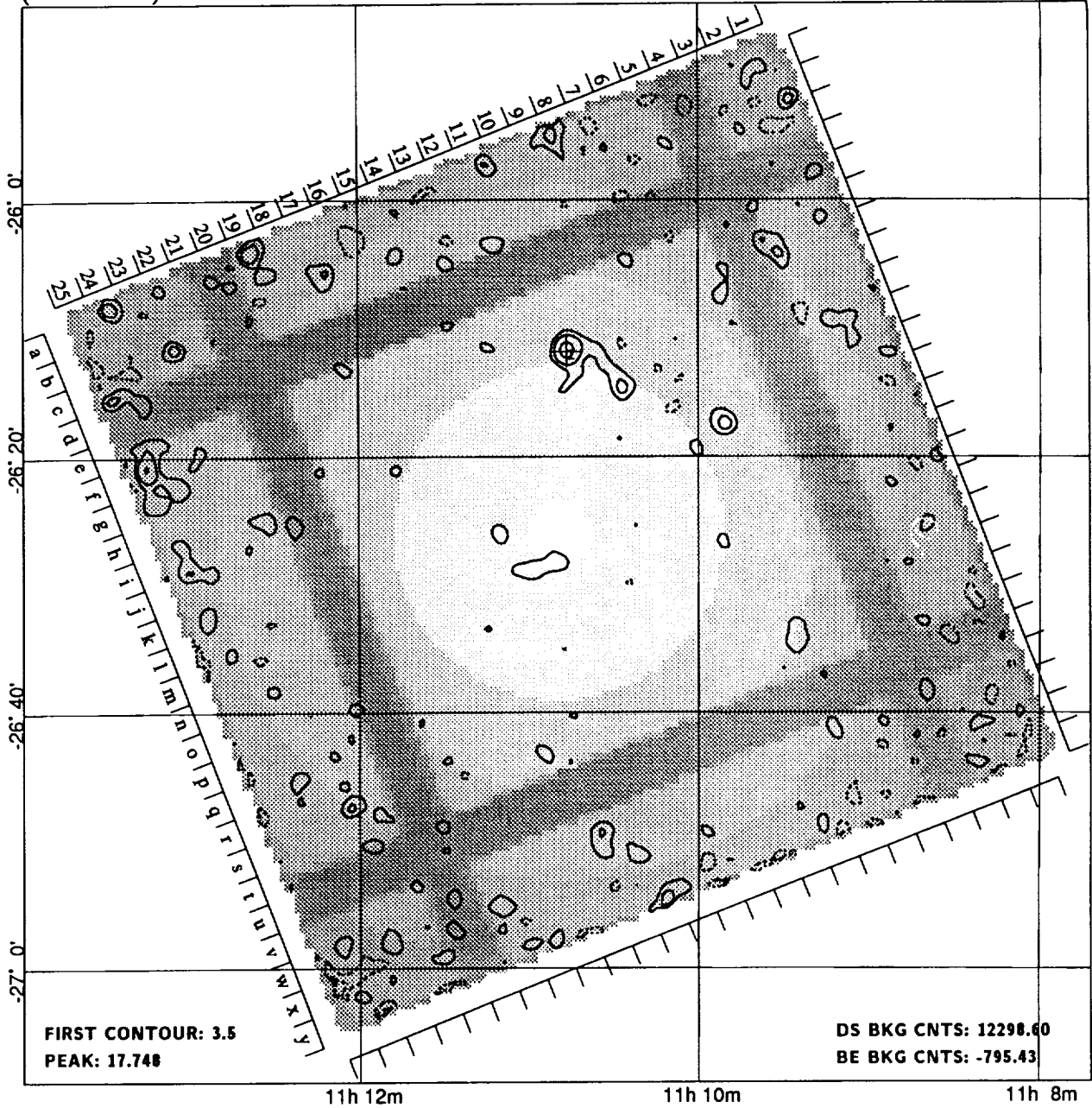
DATE: 1980/ 40 - 1980/ 40
 LIVETIME: 2599.6s
 ROLL ANGLE: -155.0°

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

(11h 10m)

I 7034

(11h 10m)



NGC 3585, EARLY GALAXY SURVEY

FIELD CENTER: $11^h 10^m 50.0^s$ $-26^\circ 26' 47''$ (B1950)
 $11^h 13^m 16.8^s$ $-26^\circ 43' 08''$ (J2000)
 $l: 277.23$ $b: 31.21$

DATE: 1980/161 - 1980/163
 LIVETIME: 9965.9s
 ROLL ANGLE: 68.7°

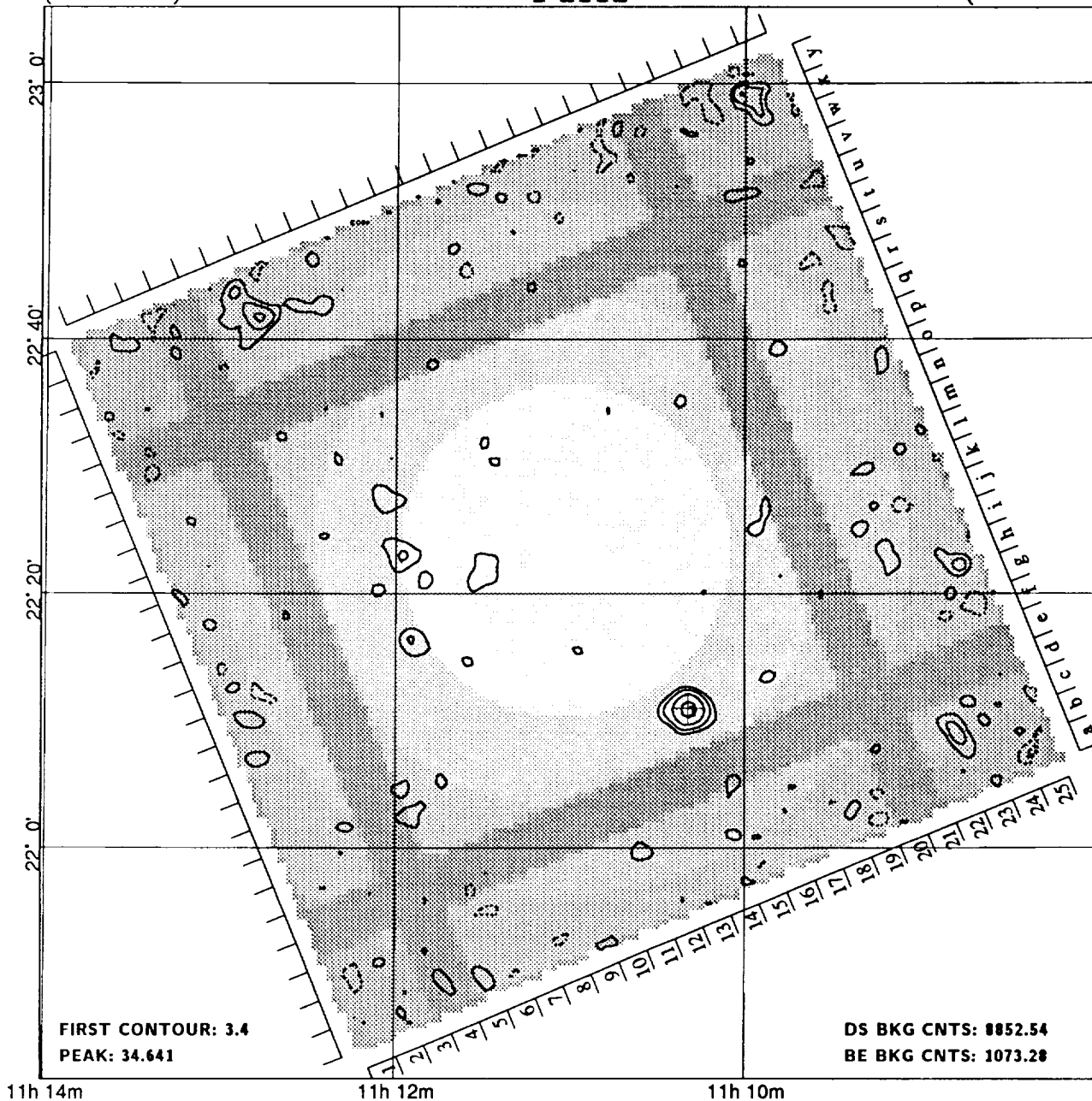
NH: $5.3E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $11^{\text{h}}11^{\text{m}}00.0^{\text{s}}$ $22^{\circ}23'59''$ (B1950)
 $11^{\text{h}}13^{\text{m}}39.4^{\text{s}}$ $22^{\circ}07'39''$ (J2000)
 $l: 220.26$ $b: 67.26$

DATE: 1979/341 - 1979/342
 LIVETIME: 7173.5s
 ROLL ANGLE: -112.4°

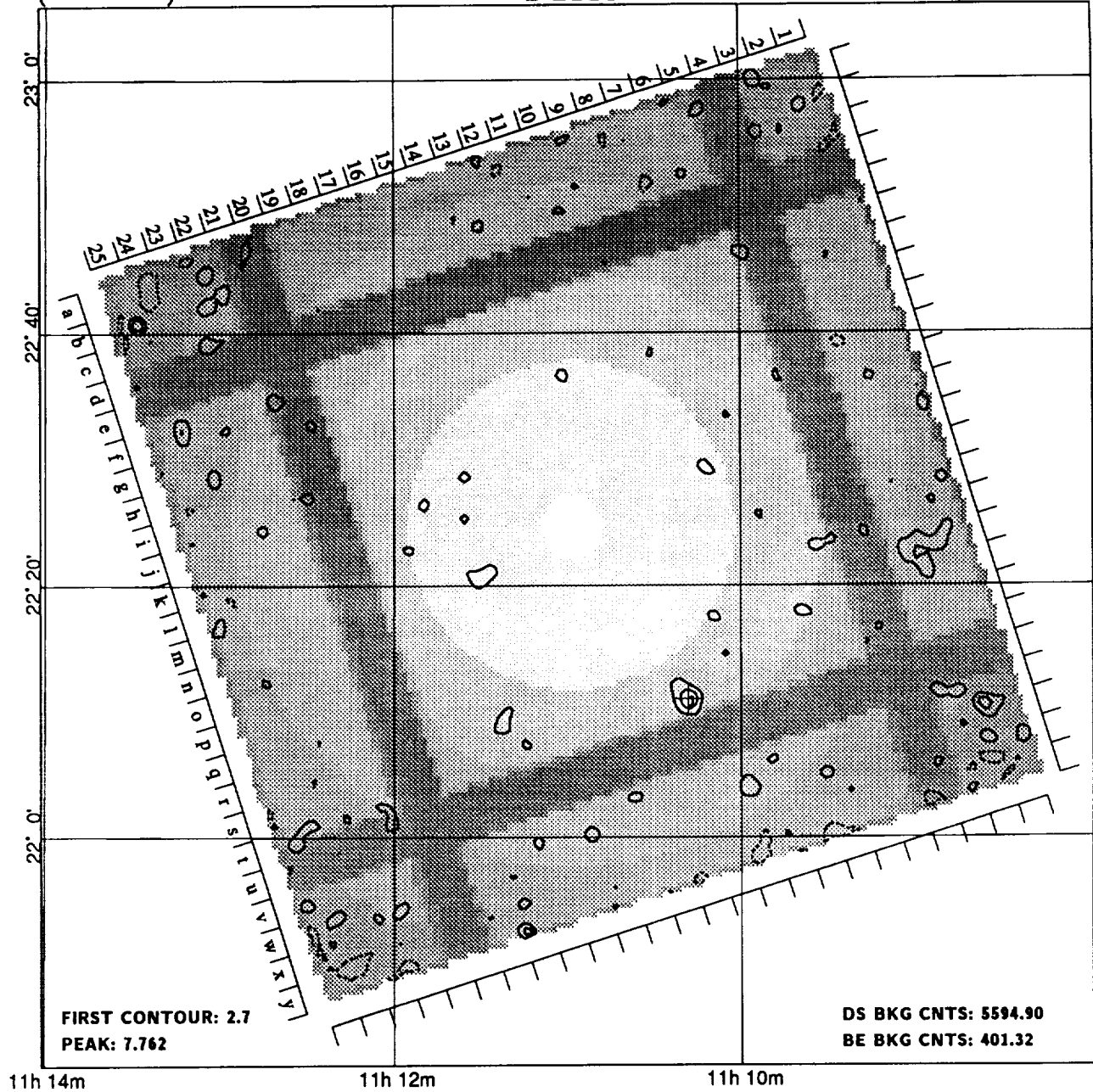
NH: $1.1\text{E}+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $11^h 11^m 00.0^s$ $22^\circ 23' 59''$ (B1950)
 $11^h 13^m 39.4^s$ $22^\circ 07' 39''$ (J2000)
 $l: 220.26$ $b: 67.26$

DATE: 1980/138 - 1980/138
 LIVETIME: 4533.7s
 ROLL ANGLE: 72.5°

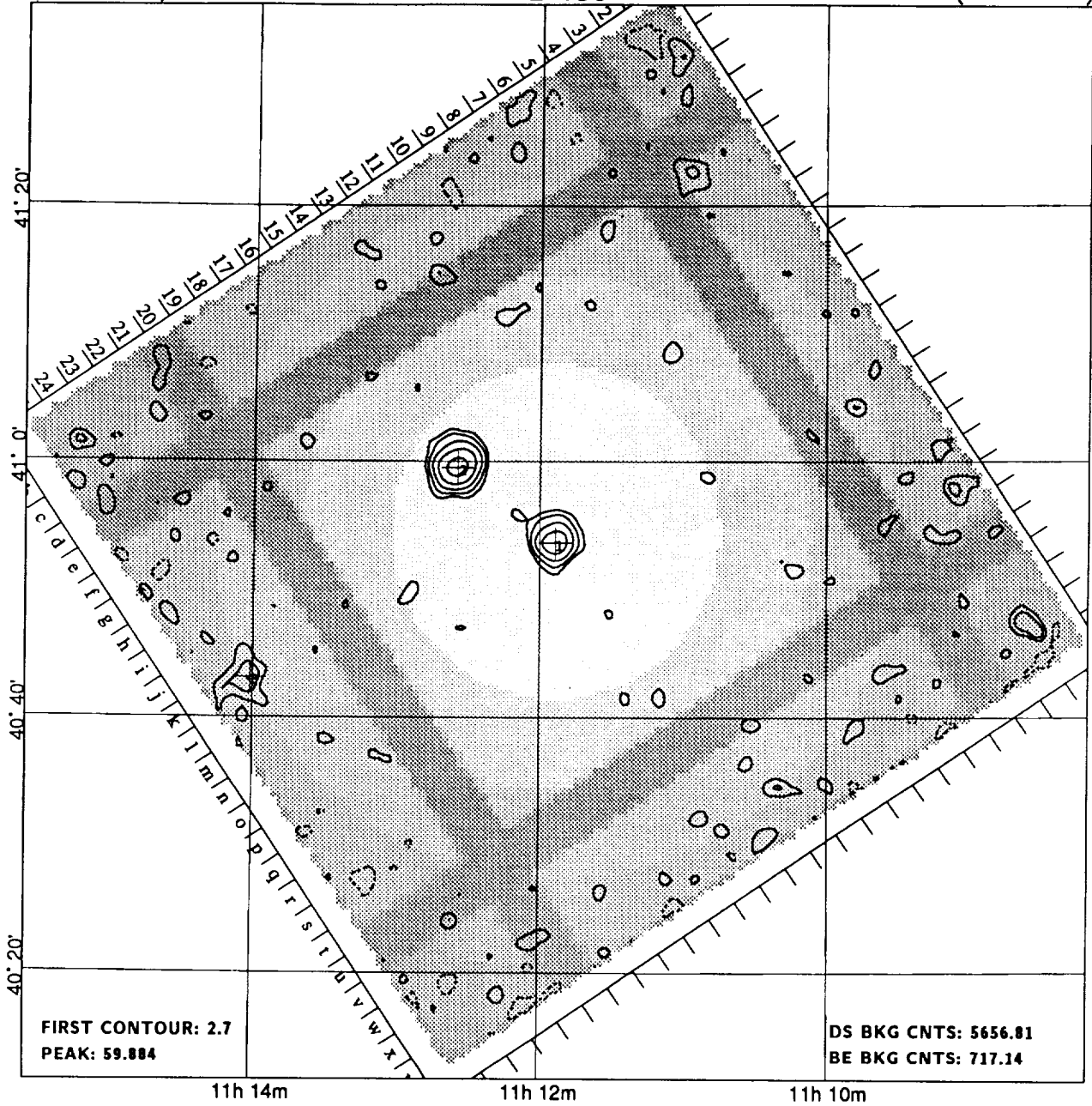
NH: $1.1E+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(11h 11m)

I 488

(11h 11m)



3CR 254 (QSO 1111+408) QUASAR SURVEY

FIELD CENTER: $11^h 11^m 53.4^s$ $40^\circ 53' 41''$ (B1950)
 $11^h 14^m 38.8^s$ $40^\circ 37' 20''$ (J2000)
 $l: 172.64$ $b: 65.93$

DATE: 1980/130 - 1980/131
 LIVETIME: 4748.5s
 ROLL ANGLE: 56.2°

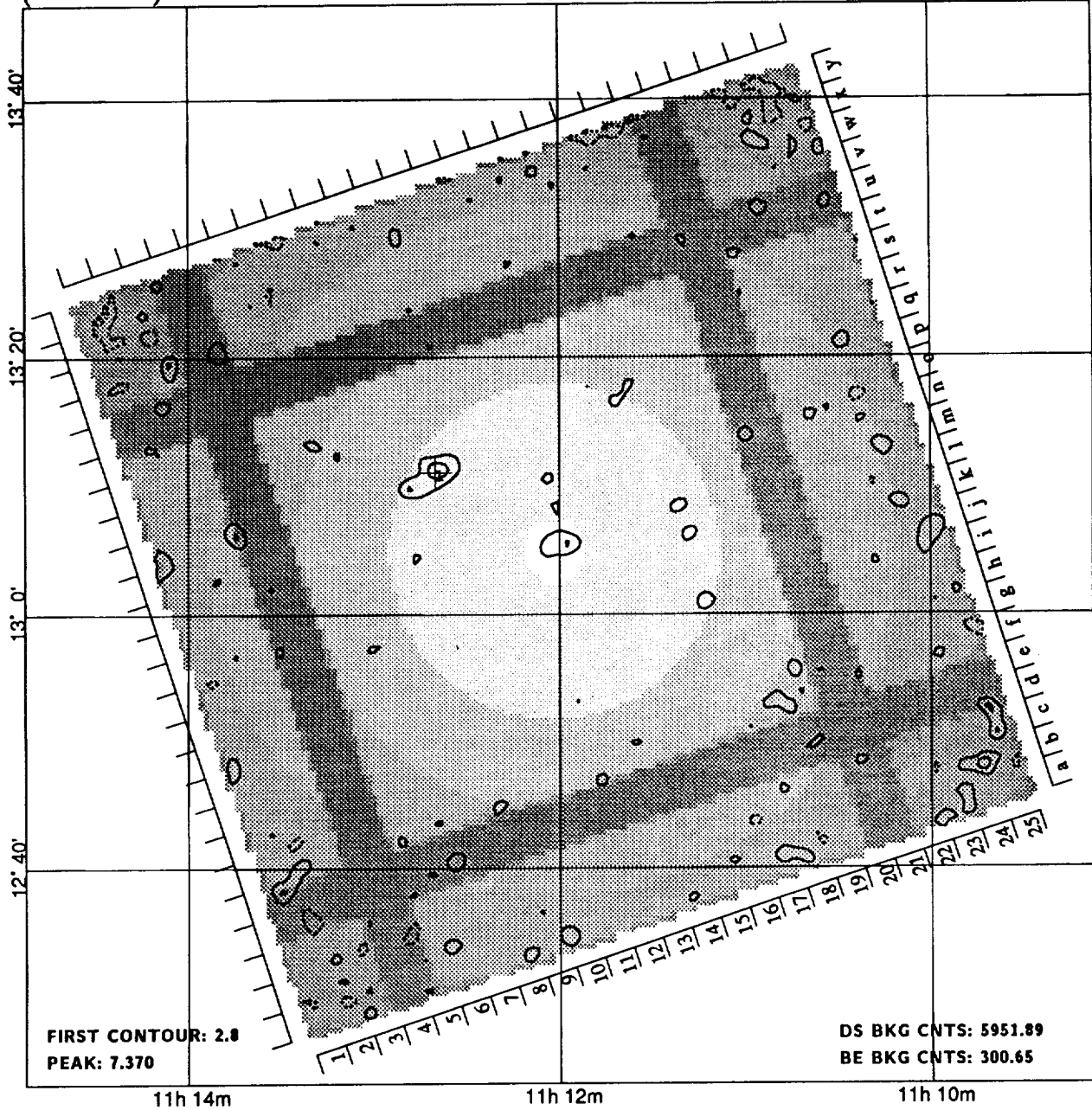
NH: $1.9E+20$
 REF/ID:
 FIELD FLAGS:

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: $11^{\text{h}}12^{\text{m}}00.0^{\text{s}}$ $13^{\circ}05'23''$ (B1950)
 $11^{\text{h}}14^{\text{m}}36.8^{\text{s}}$ $12^{\circ}49'02''$ (J2000)
 $l: 240.43$ $b: 63.21$

DATE: 1979/353 - 1979/353
 LIVETIME: 4823.0s
 ROLL ANGLE: -108.1°

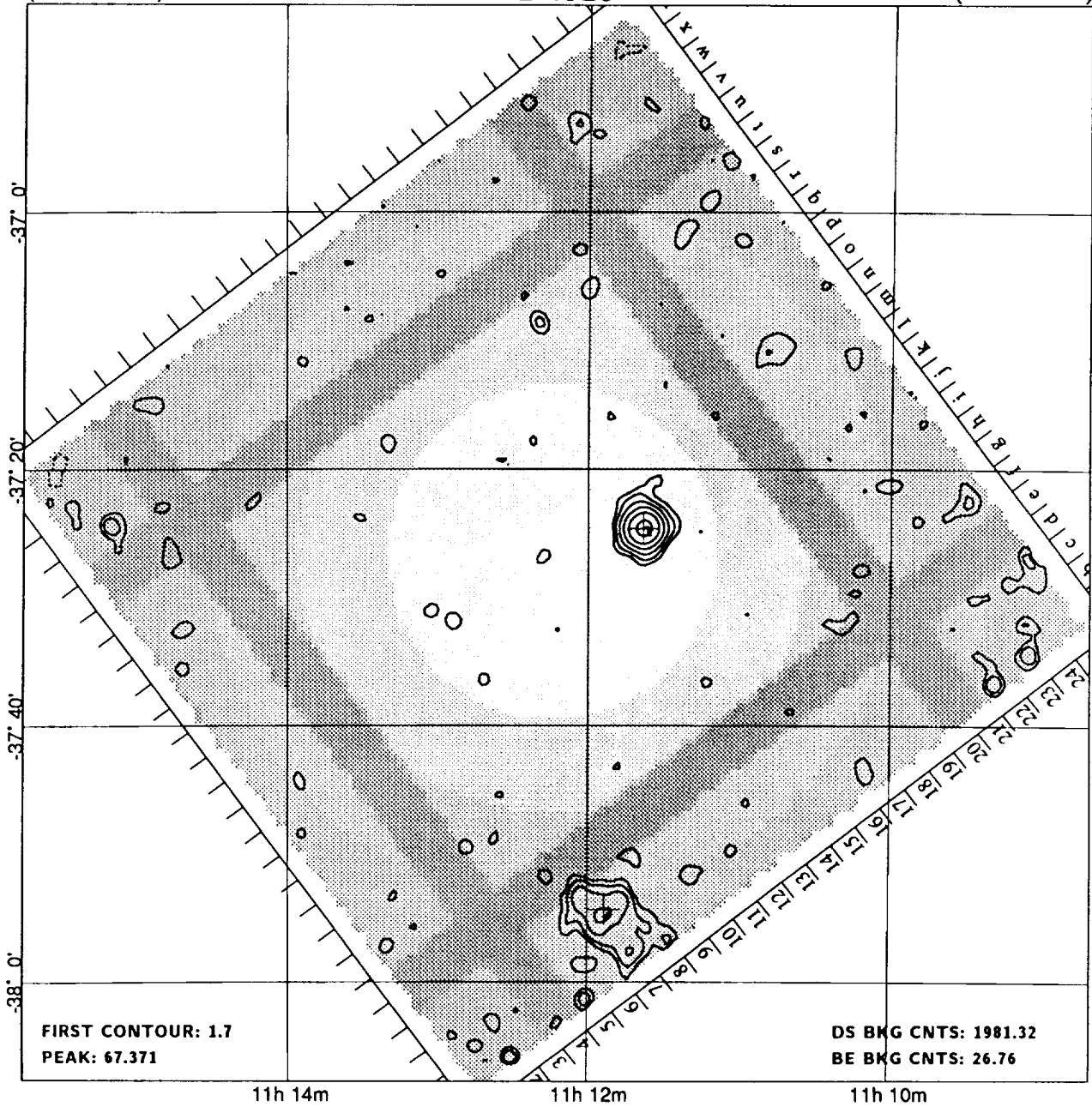
NH: $1.8\text{E}+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $11^h 12^m 13.0^s$ $-37^\circ 25' 53''$ (B1950)
 $11^h 14^m 36.3^s$ $-37^\circ 42' 15''$ (J2000)
 $l: 282.55$ $b: 21.31$

DATE: 1980/ 9 - 1980/ 9
 LIVETIME: 1605.5s
 ROLL ANGLE: -127.2°

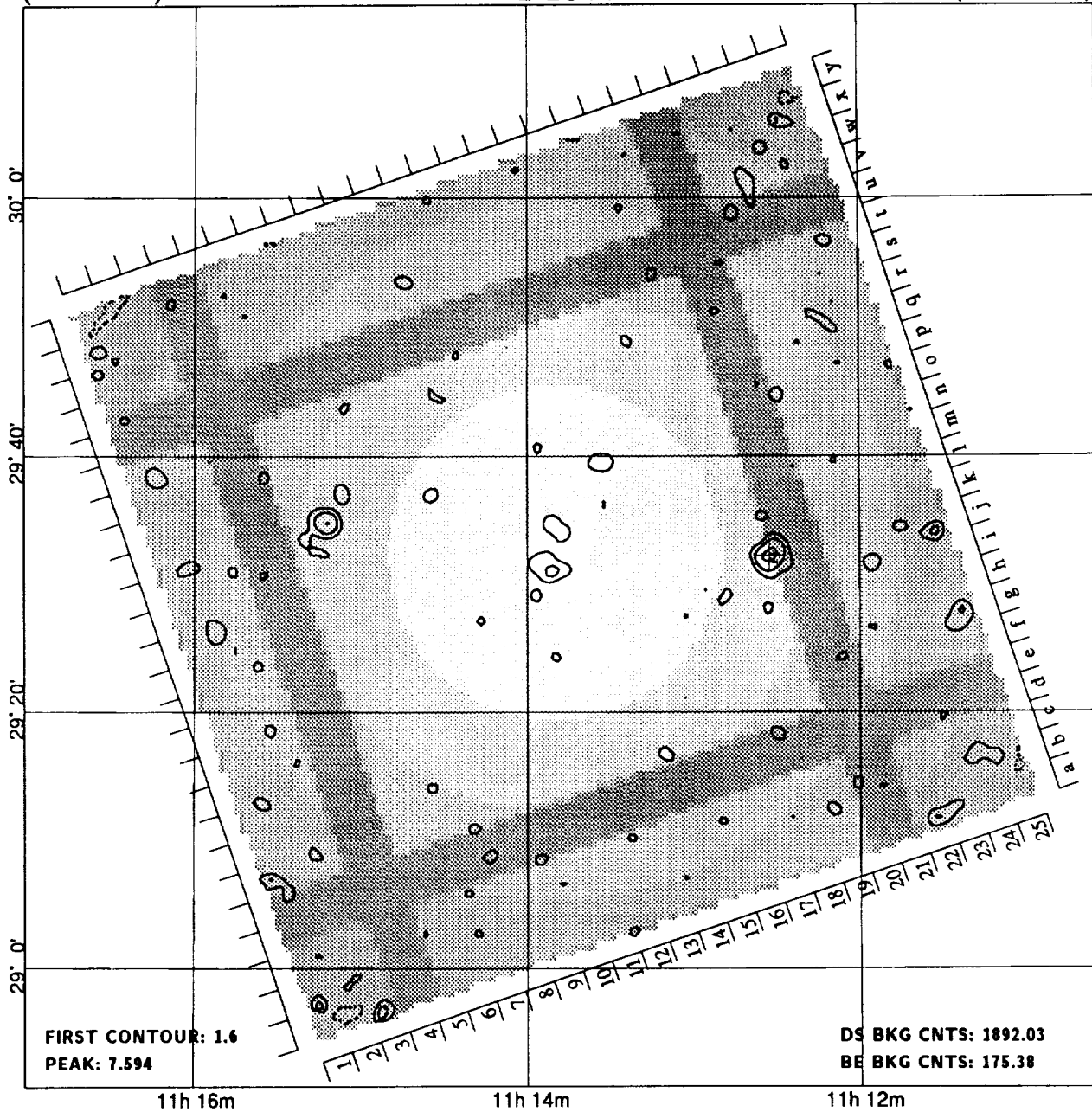
NH: $9.0E+20$
 REF/ID: CV
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $11^h 13^m 48.0^s$ $29^\circ 32' 59''$ (B1950)
 $11^h 16^m 29.1^s$ $29^\circ 16' 36''$ (J2000)
 l : 201.48 b : 69.01

DATE: 1979/350 - 1979/350
 LIVETIME: 1533.2s
 ROLL ANGLE: -108.7°

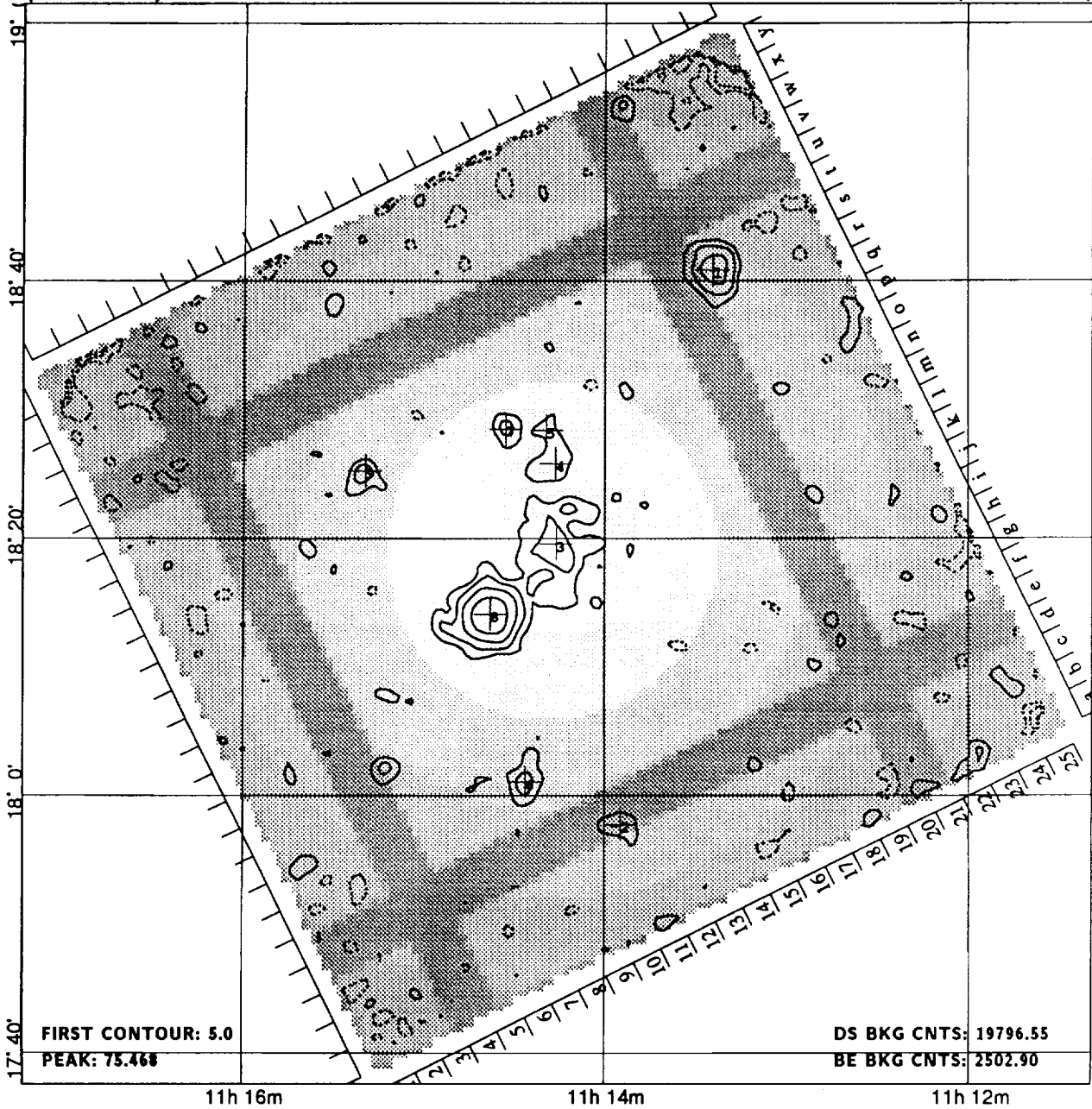
NH: $1.5E+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(11h 14m)

I 3927

(11h 14m)



FIELD CENTER: $11^h 14^m 16.1^s$ $18^\circ 19' 34''$ (B1950)
 $11^h 16^m 54.0^s$ $18^\circ 03' 11''$ (J2000)
 $l: 230.59$ $b: 66.42$

DATE: 1979/341 - 1979/341
 LIVETIME: 16041.8s
 ROLL ANGLE: -116.4°

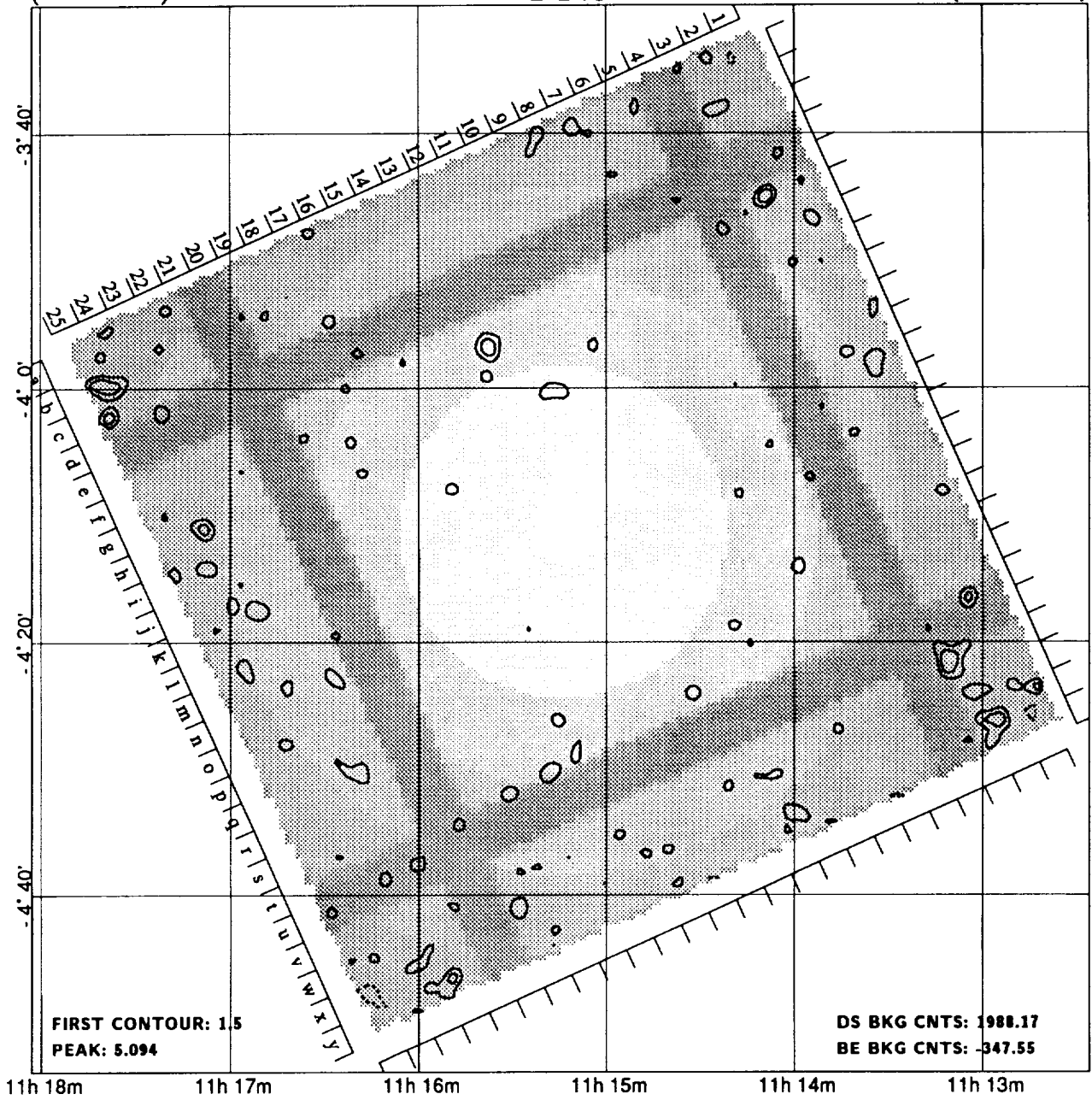
NH: $1.5E+20$
 REF/ID:
 FIELD FLAGS:

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	H	
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	H	
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: $11^h 15^m 14.4^s$ $-04^\circ 11' 59''$ (B1950)
 $11^h 17^m 47.2^s$ $-04^\circ 28' 24''$ (J2000)
 $l: 263.78$ $b: 51.14$

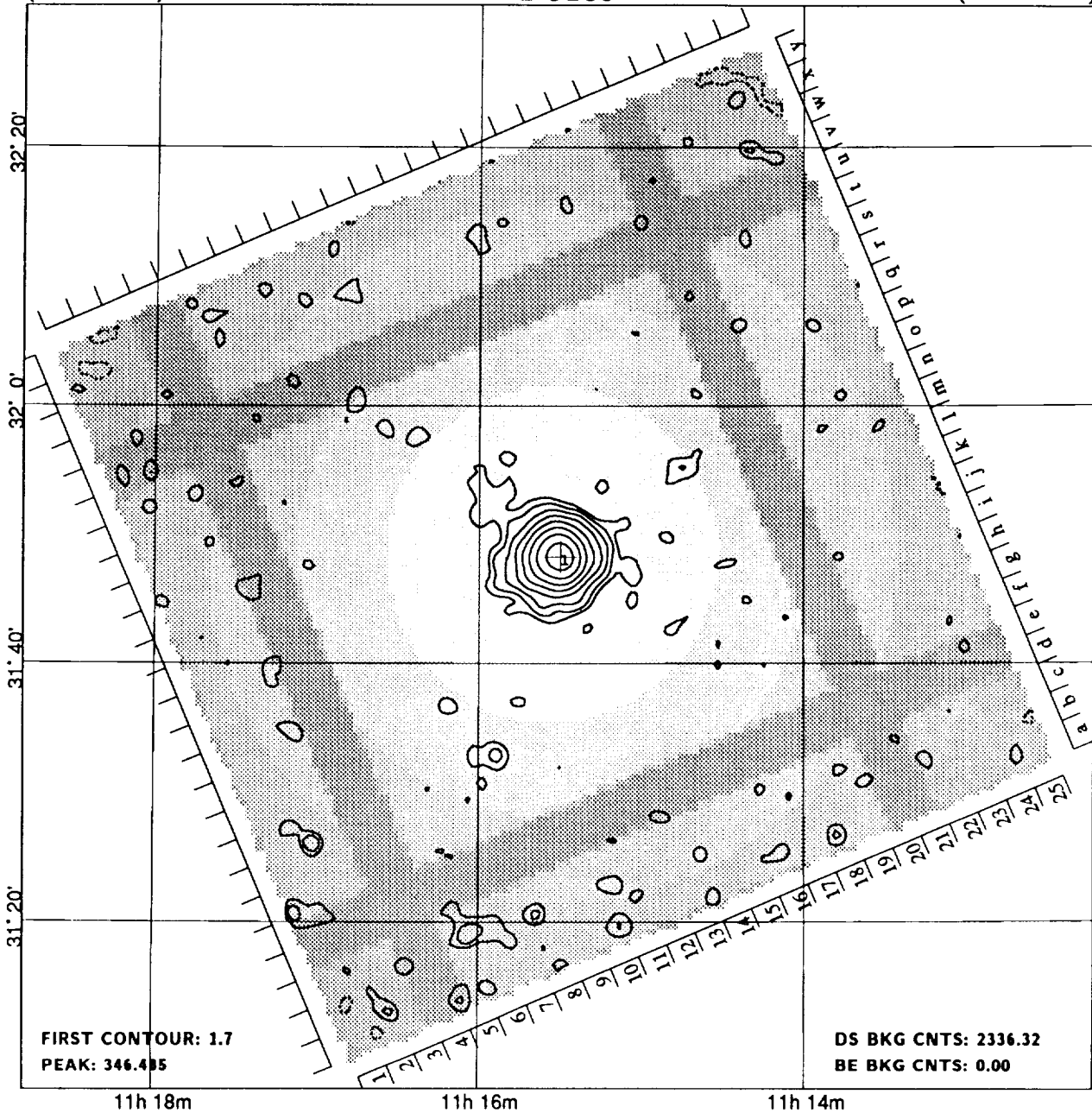
DATE: 1979/171 - 1979/171
LIVETIME: 1611.1s
ROLL ANGLE: 65.8°

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

(11h 15m)

I 5189

(11h 15m)



STAR XI UMA, CORRELATION OF CORONAL ACTIVITY WITH BINARY PERIOD

FIELD CENTER: $11^h 15^m 31.0^s$ $31^\circ 48' 59''$ (B1950)
 $11^h 18^m 12.4^s$ $31^\circ 32' 35''$ (J2000)
 $l: 195.07$ $b: 69.25$

DATE: 1979/339 - 1979/339
 LIVETIME: 1893.2s
 ROLL ANGLE: -113.1°

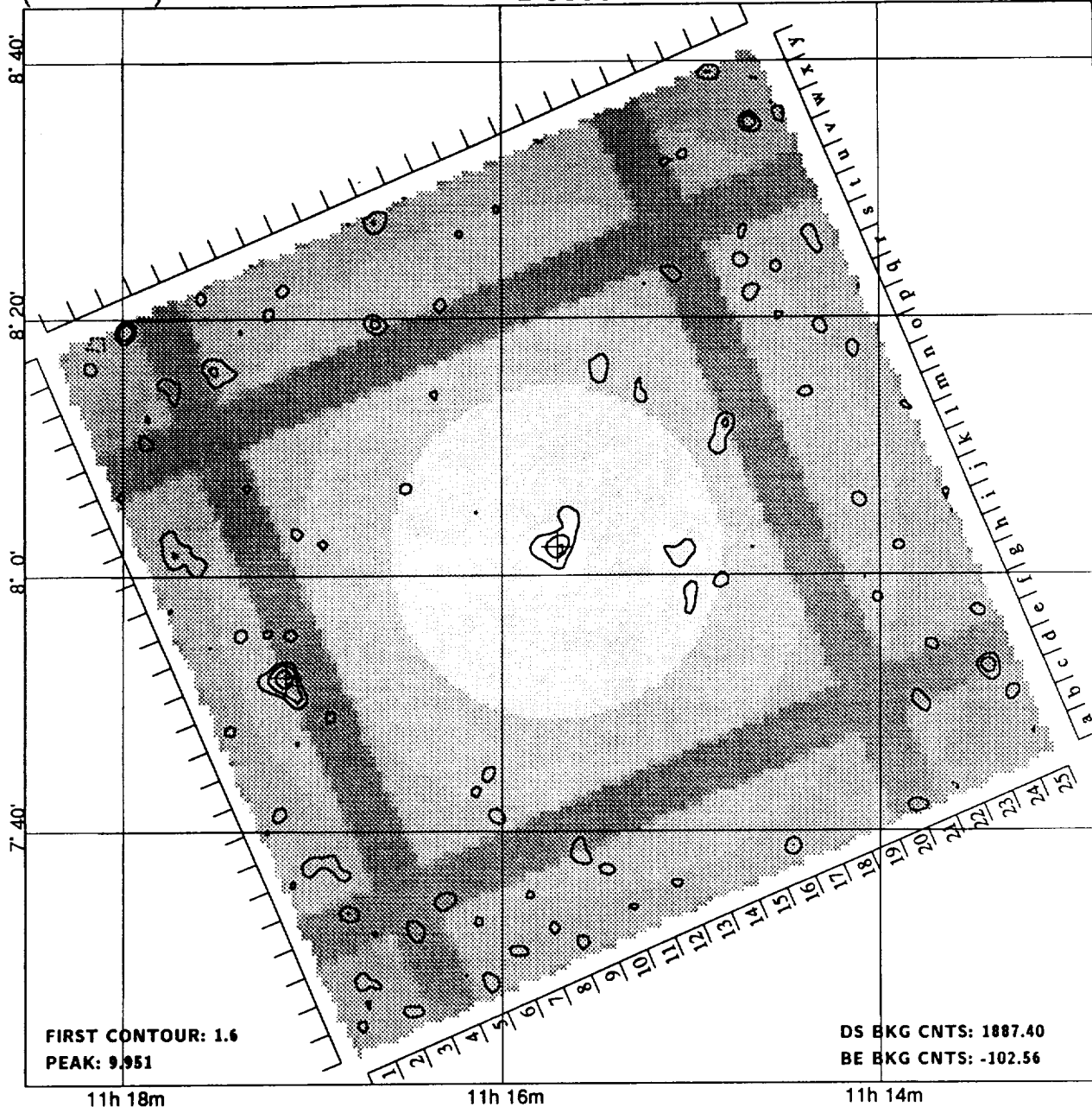
NH: $2.1E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $11^{\text{h}}15^{\text{m}}41.4^{\circ} 08^{\circ}02'21''$ (B1950)
 $11^{\text{h}}18^{\text{m}}16.8^{\circ} 07^{\circ}45'57''$ (J2000)
 $l: 249.89 \quad b: 60.64$

DATE: 1979/339 - 1979/339
 LIVETIME: 1529.4s
 ROLL ANGLE: -113.3°

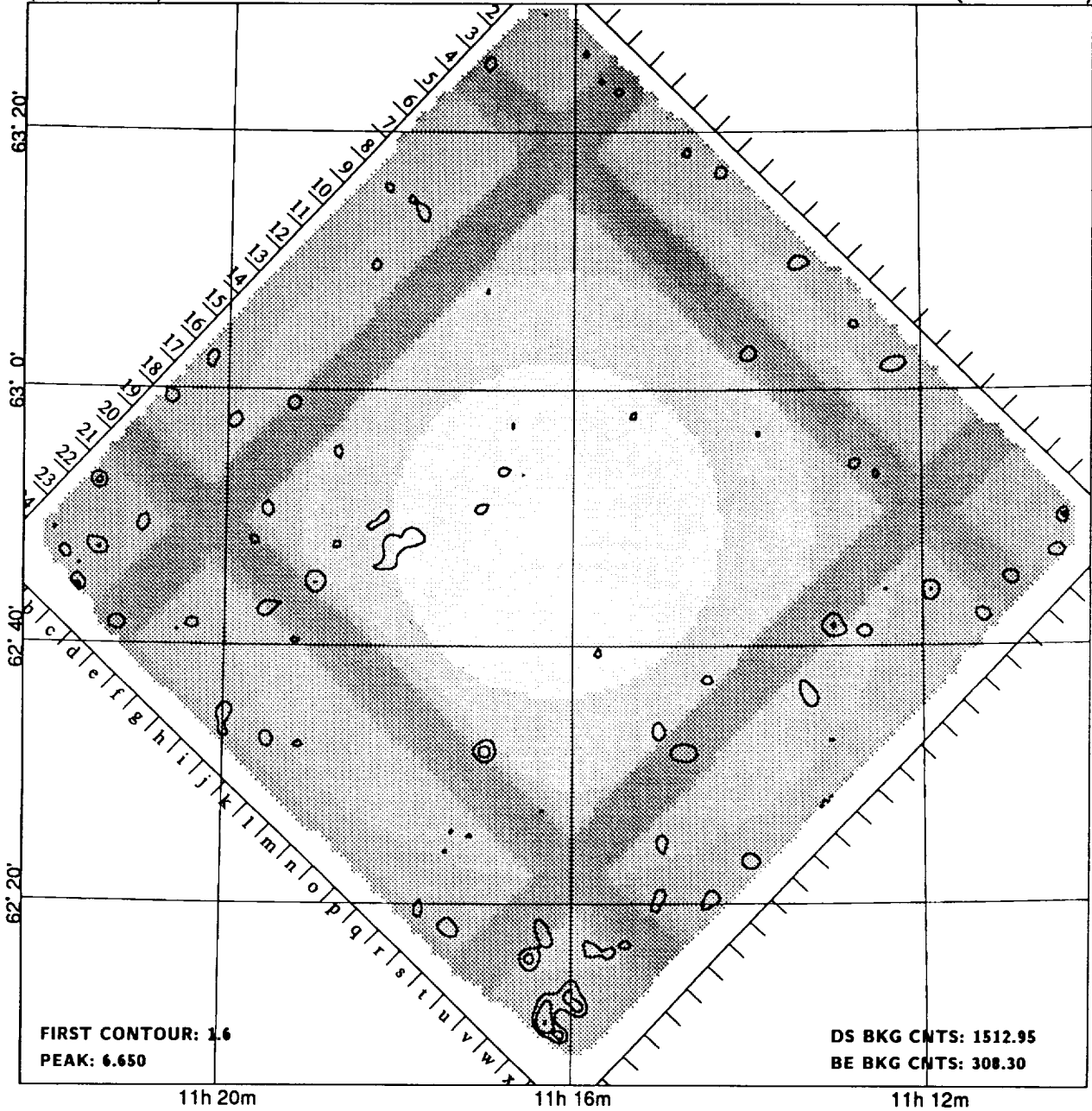
NH: $3.7E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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		

(11h 16m)

I 3471

(11h 16m)



MKN 166, SEYFERT AND ACTIVE NUCLEI GALAXIES

FIELD CENTER: $11^{\text{h}}16^{\text{m}}12.0^{\text{s}}$ $62^{\circ}47'59''$ (B1950)
 $11^{\text{h}}19^{\text{m}}09.4^{\text{s}}$ $62^{\circ}31'34''$ (J2000)
 $l: 139.80$ $b: 51.47$

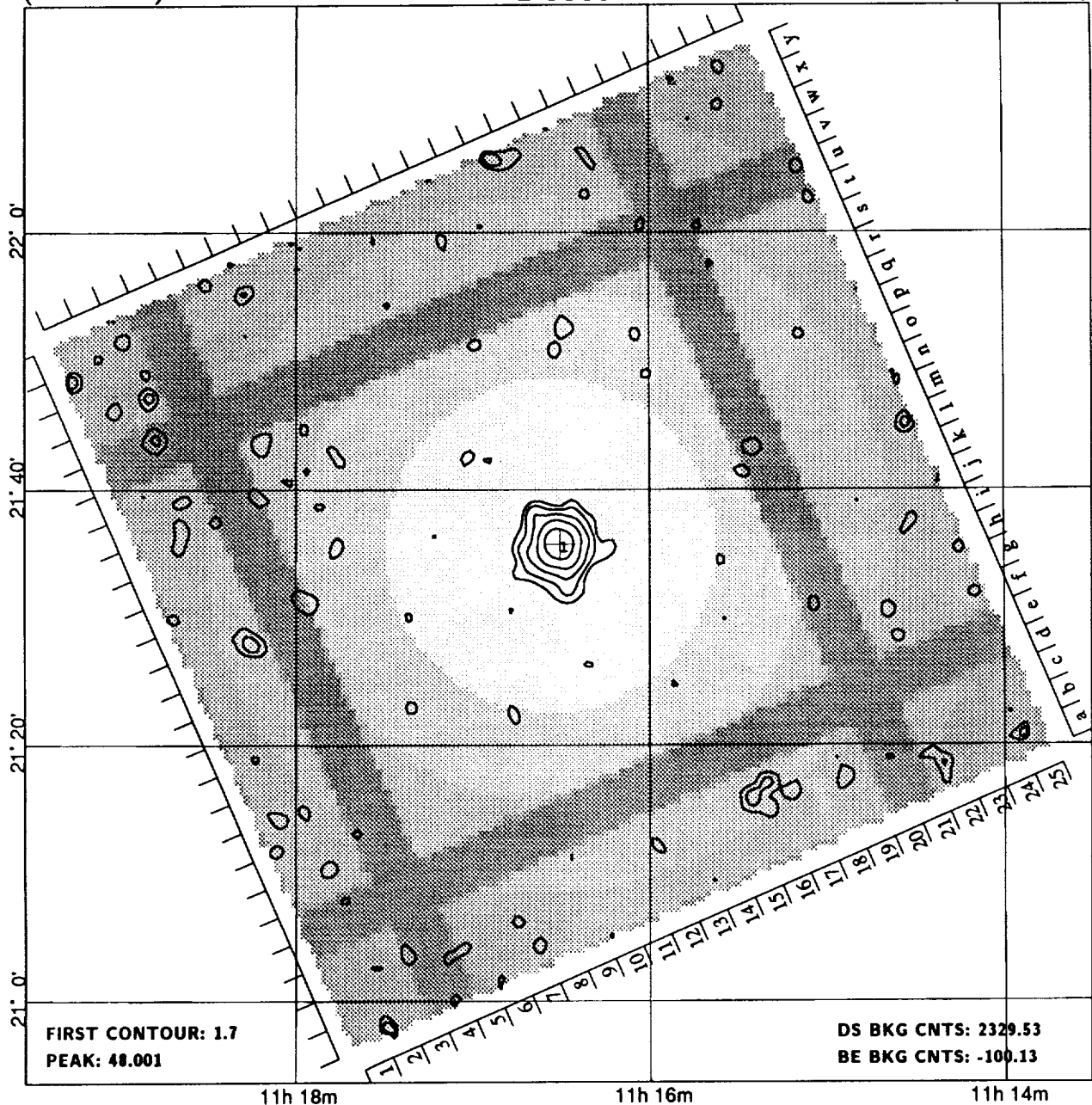
DATE: 1979/117 - 1979/117
 LIVETIME: 1226.0s
 ROLL ANGLE: 43.7°

NH: $9.5\text{E}+19$
 REF/ID:
 FIELD FLAGS:

(11h 16m)

I 5339

(11h 16m)



SURVEY OF BRIGHT QUASARS (PG)

FIELD CENTER: $11^{\text{h}}16^{\text{m}}30.9^{\text{s}}$ $21^{\circ}35'43''$ (B1950)
 $11^{\text{h}}19^{\text{m}}09.4^{\text{s}}$ $21^{\circ}19'18''$ (J2000)
 $l: 223.36$ $b: 68.21$

DATE: 1979/340 - 1979/340
 LIVETIME: 1087.7s
 ROLL ANGLE: -113.4°

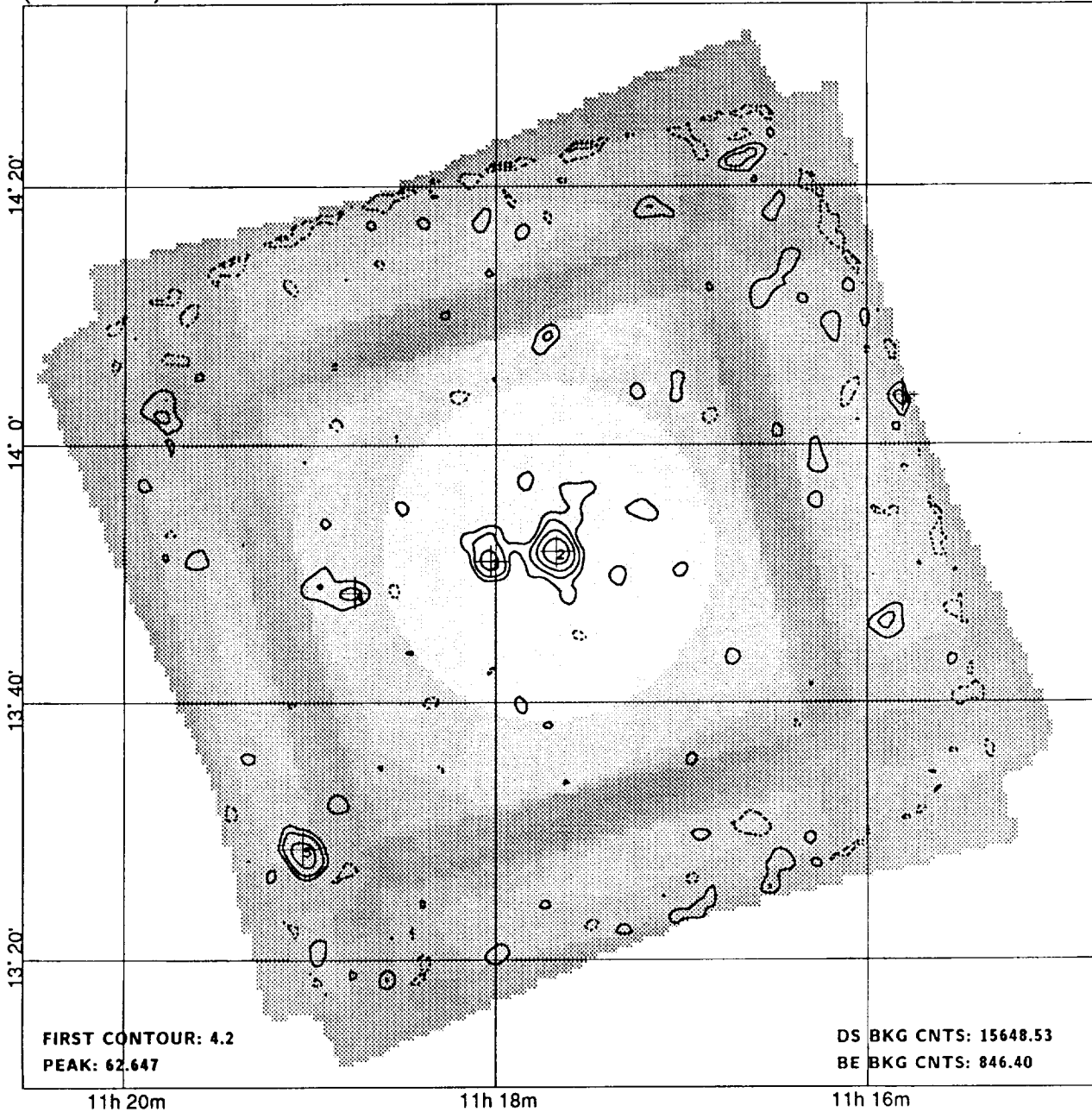
NH: $1.3\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $11^h 17^m 40.0^s$ $13^\circ 52' 05''$ (B1950)
 $11^h 20^m 16.6^s$ $13^\circ 35' 39''$ (J2000)
 $l: 240.84$ $b: 64.78$

DATE: 1979/339 - 1979/340
 LIVETIME: 12680.4s

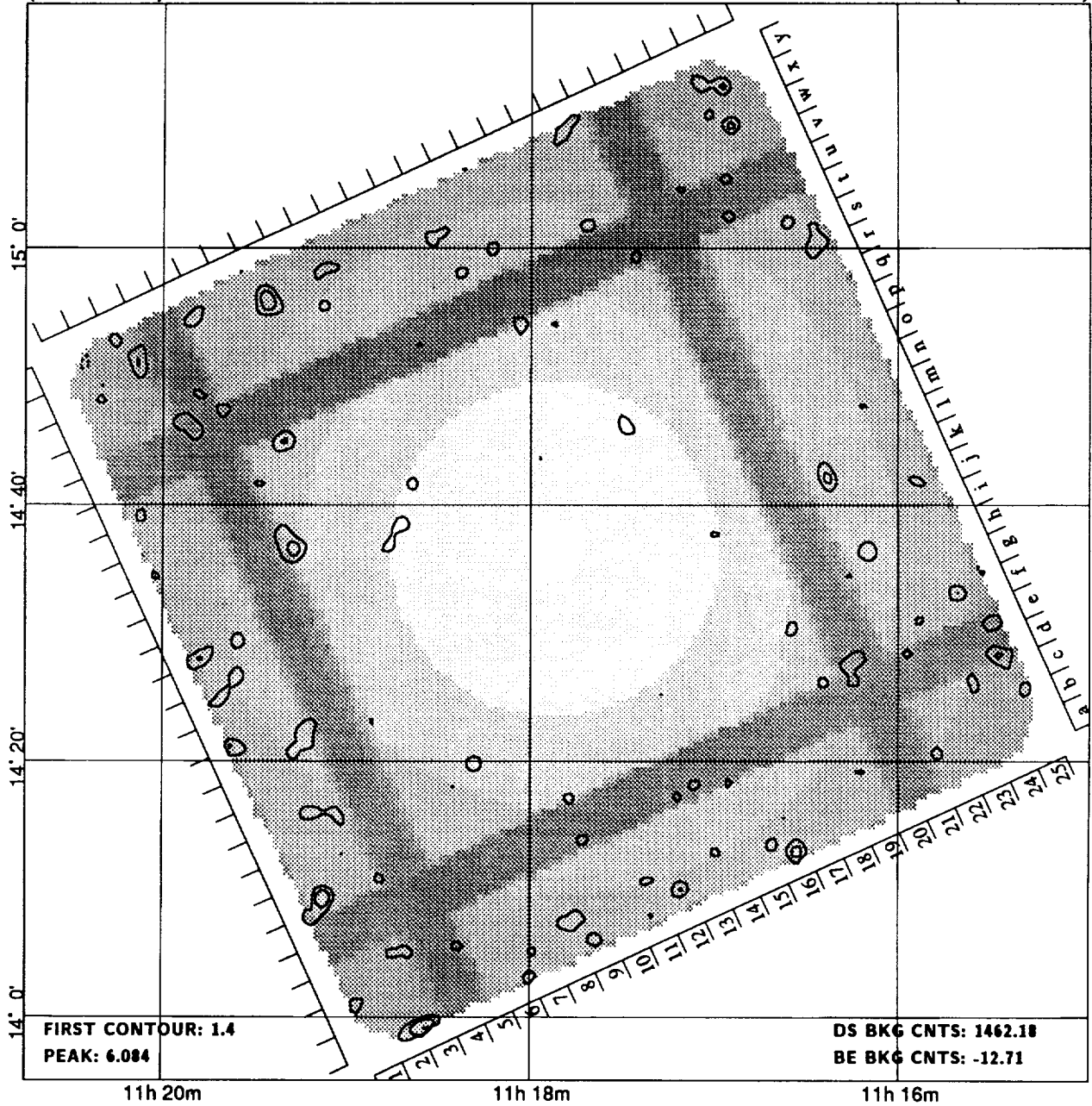
NH: $2.0E+20$
 REF/ID: !
 FIELD FLAGS:

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: $11^{\text{h}}17^{\text{m}}51.0^{\text{s}}$ $14^{\circ}37'05''$ (B1950)
 $11^{\text{h}}20^{\text{m}}27.8^{\text{s}}$ $14^{\circ}20'39''$ (J2000)
 $l: 239.45$ $b: 65.25$

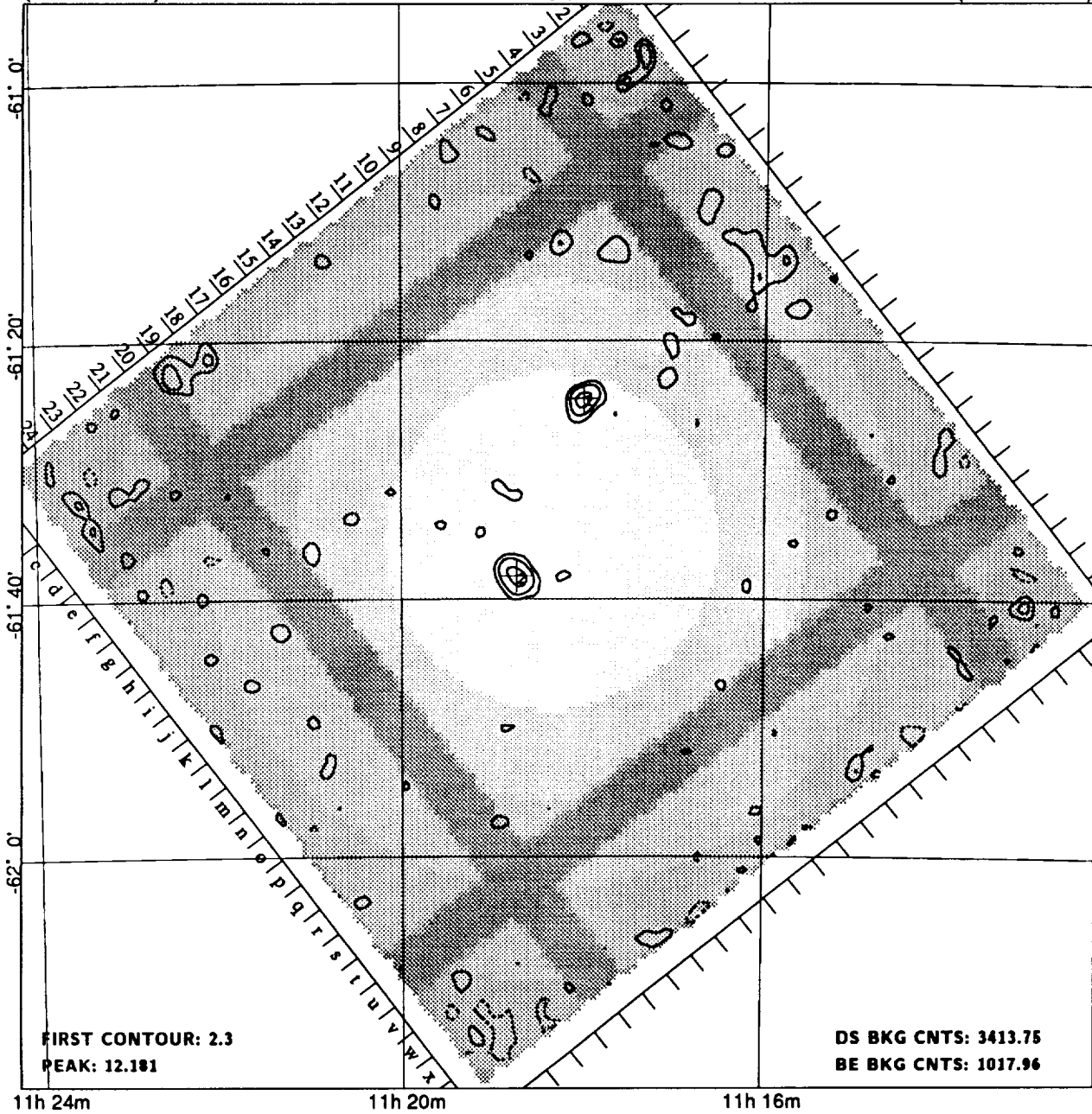
DATE: 1980/346 - 1980/346
 LIVETIME: 1184.9s
 ROLL ANGLE: -114.6°

NH: $1.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(11h 18m)

I 3057

(11h 18m)



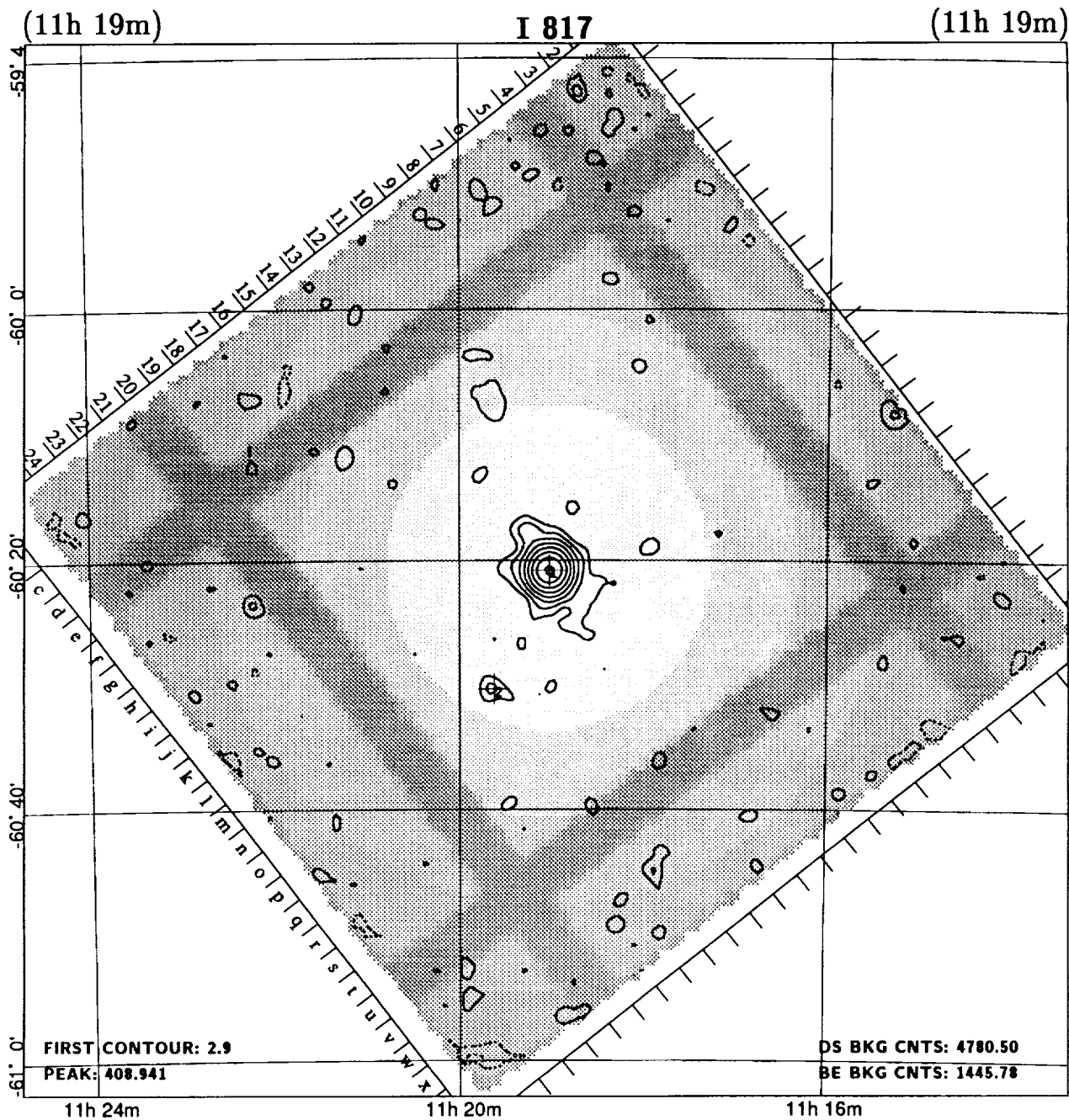
ACCRETING WHITE DWARFS: RS CEN

FIELD CENTER: $11^h 18^m 17.0^s$ $-61^\circ 35' 59''$ (B1950)
 $11^h 20^m 28.8^s$ $-61^\circ 52' 26''$ (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 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: $11^{\text{h}}19^{\text{m}}03.0^{\text{s}}$ $-60^{\circ}20'53''$ (B1950)
 $11^{\text{h}}21^{\text{m}}16.3^{\text{s}}$ $-60^{\circ}37'20''$ (J2000)
 $l: 292.09$ $b: 0.34$

DATE: 1979/194 - 1979/194
 LIVETIME: 3873.8s
 ROLL ANGLE: 52.1°

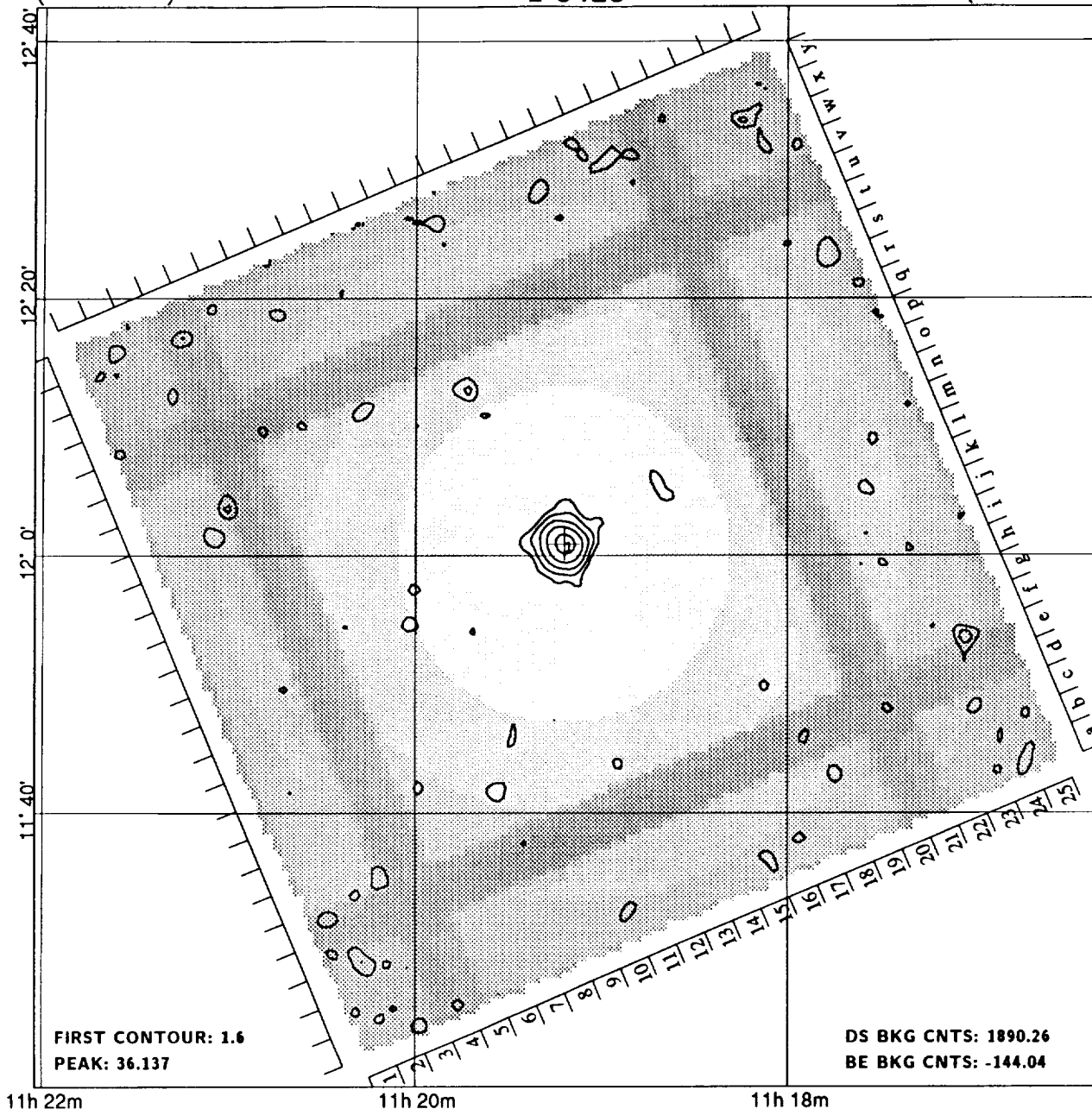
NH: $1.2\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $11^{\text{h}}19^{\text{m}}11.0^{\text{s}}$ $12^{\circ}00'41''$ (B1950)
 $11^{\text{h}}21^{\text{m}}47.1^{\text{s}}$ $11^{\circ}44'14''$ (J2000)
 $l: 244.76$ $b: 63.94$

DATE: 1980/346 - 1980/346
 LIVETIME: 1531.7s
 ROLL ANGLE: -112.9°

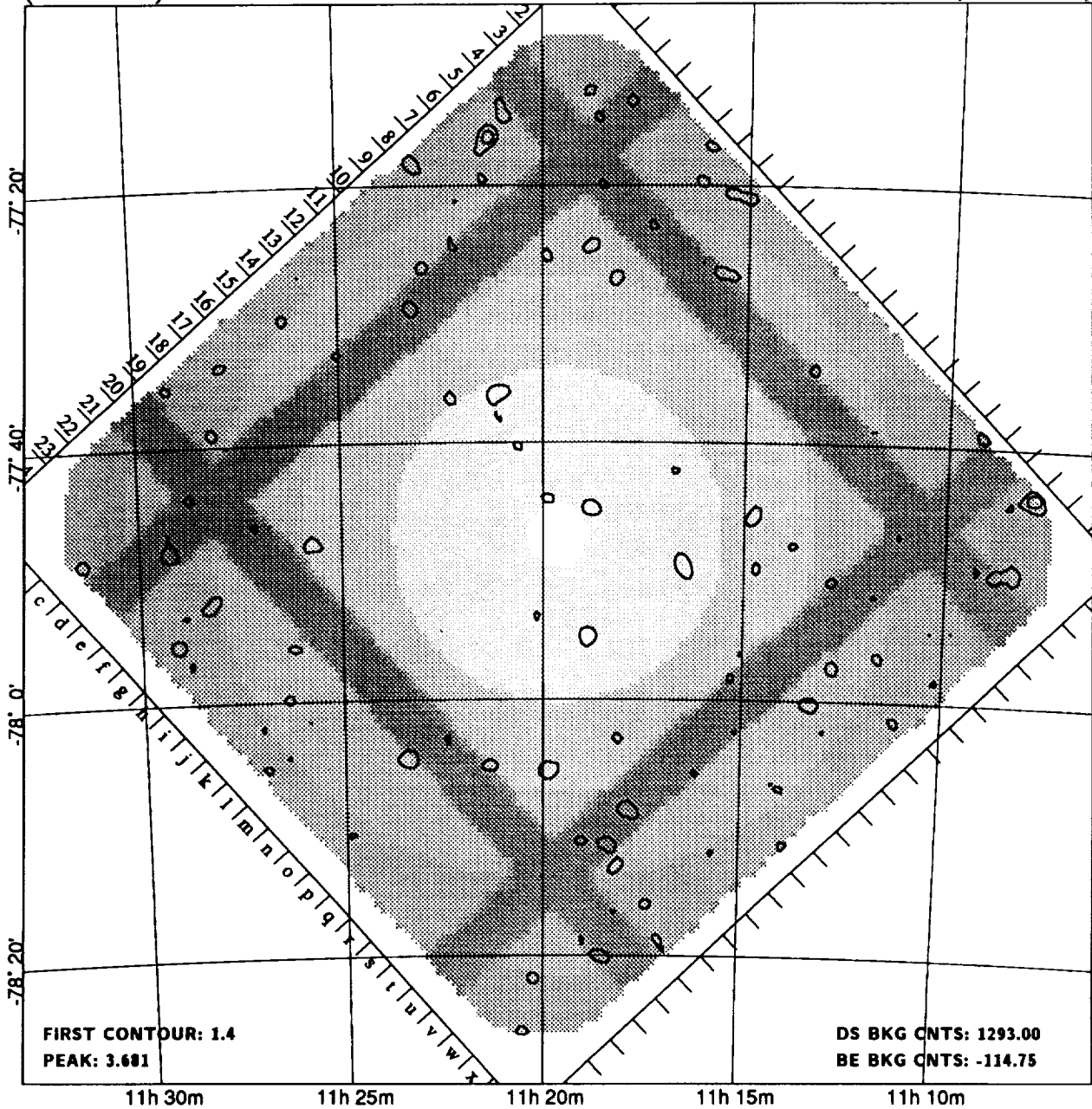
NH: $2.5E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(11h 19m)

I 1122

(11h 19m)



4U1119-77, UNIDENTIFIED HIGH LATITUDE SOURCE

FIELD CENTER: $11^{\text{h}}19^{\text{m}}36.0^{\text{s}}$ $-77^{\circ}47'59''$ (B1950)
 $11^{\text{h}}21^{\text{m}}16.0^{\text{s}}$ $-78^{\circ}04'26''$ (J2000)
 $l: 298.20$ $b: -16.04$

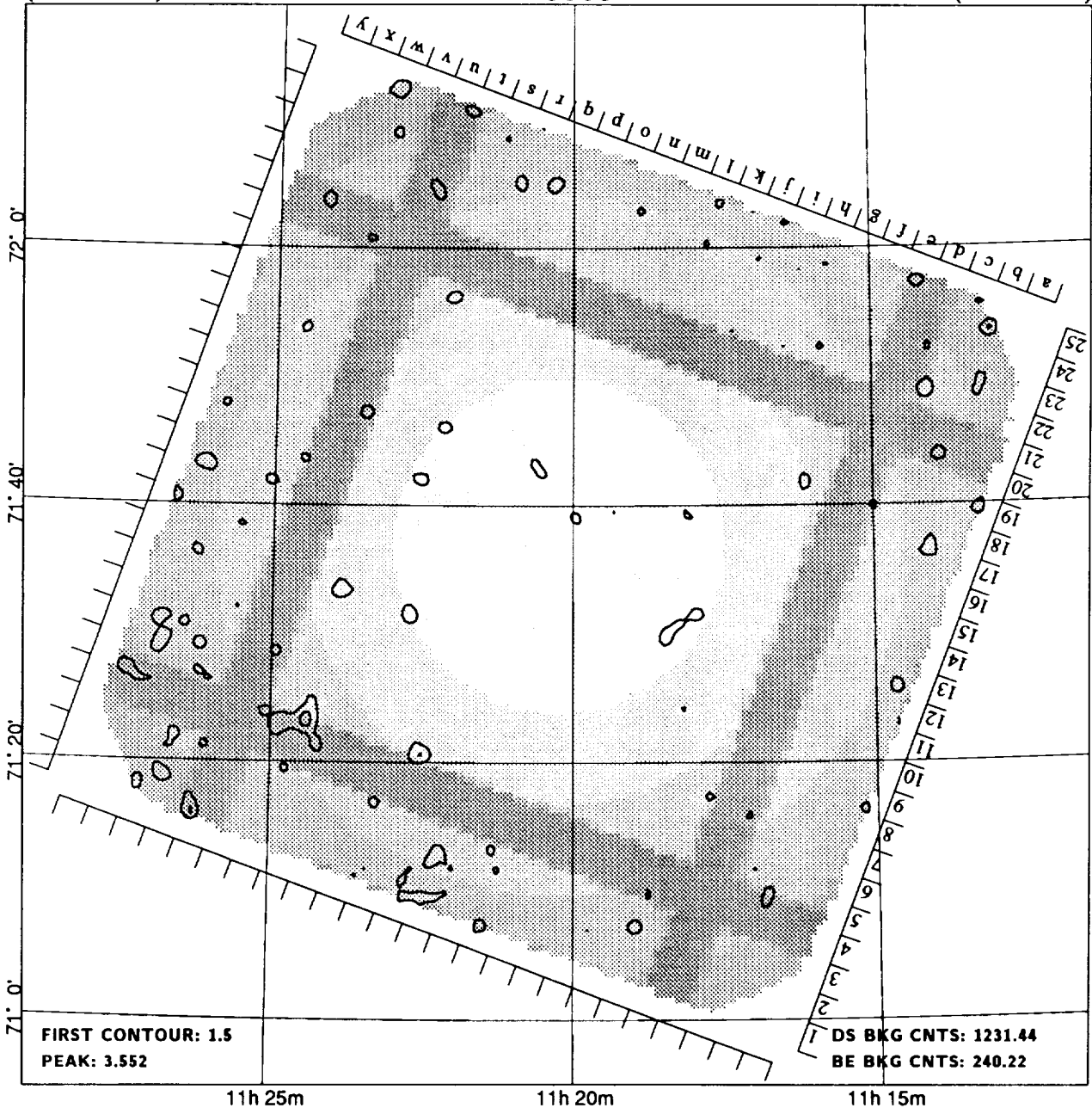
DATE: 1979/201 - 1979/201
LIVETIME: 1047.8s
ROLL ANGLE: 47.6°

NH: 9.5E+20
REF/ID:
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)
 11^h23^m24.7^s 71°20'28" (J2000)
 l : 132.54 b : 44.11

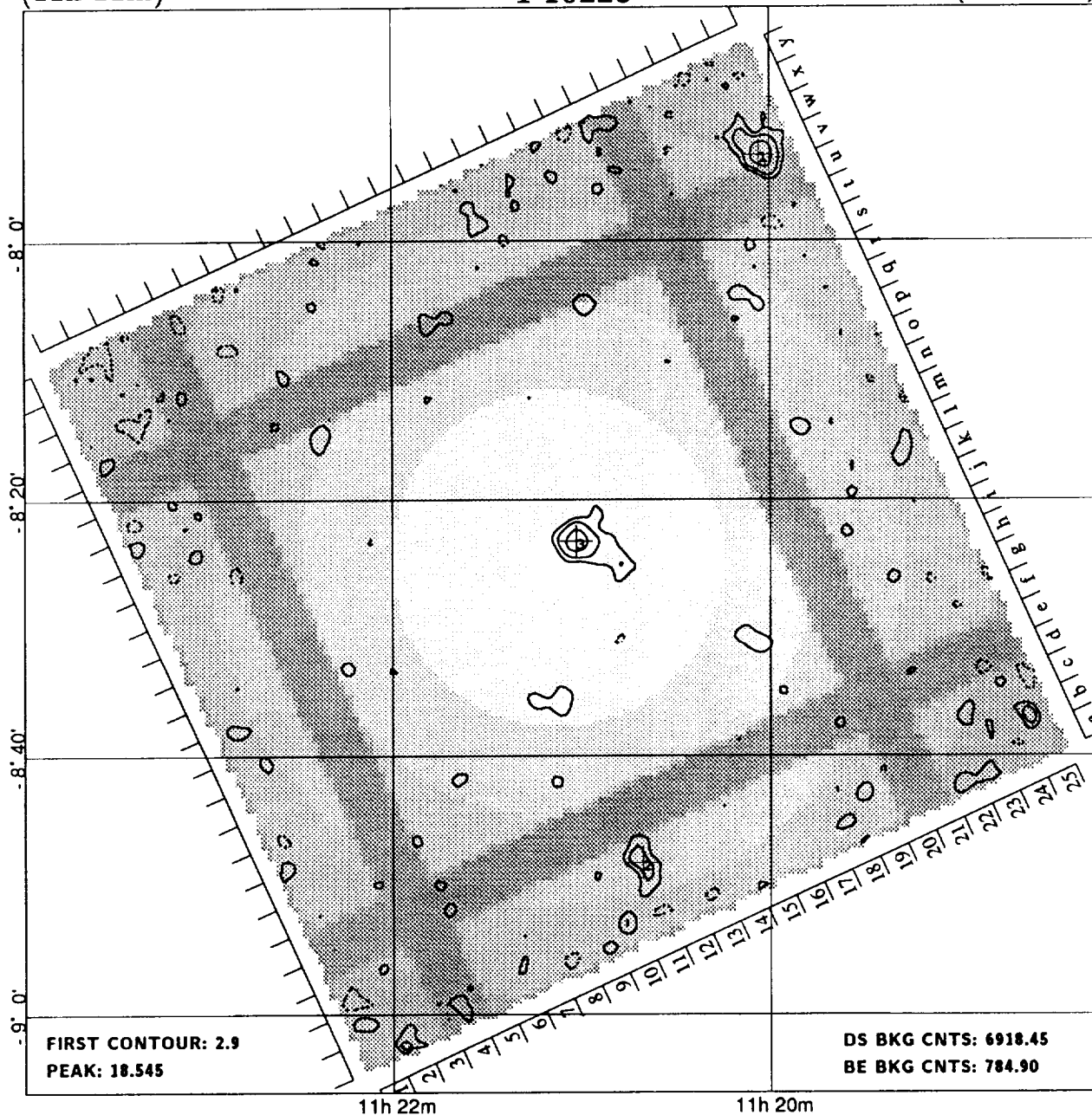
DATE: 1979/277 - 1979/277
 LIVETIME: 997.9s
 ROLL ANGLE: -159.7°

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

(11h 21m)

I 10228

(11h 21m)



N 3660: ACTIVE NUCLEI OF BARRED SPIRALS

FIELD CENTER: $11^{\text{h}}21^{\text{m}}06.0^{\text{s}}$ $-08^{\circ}23'59''$ (B1950)
 $11^{\text{h}}23^{\text{m}}38.1^{\text{s}}$ $-08^{\circ}40'28''$ (J2000)
 $l: 269.15$ $b: 48.35$

DATE: 1980/355 - 1980/355
 LIVETIME: 5606.3s
 ROLL ANGLE: -114.5°

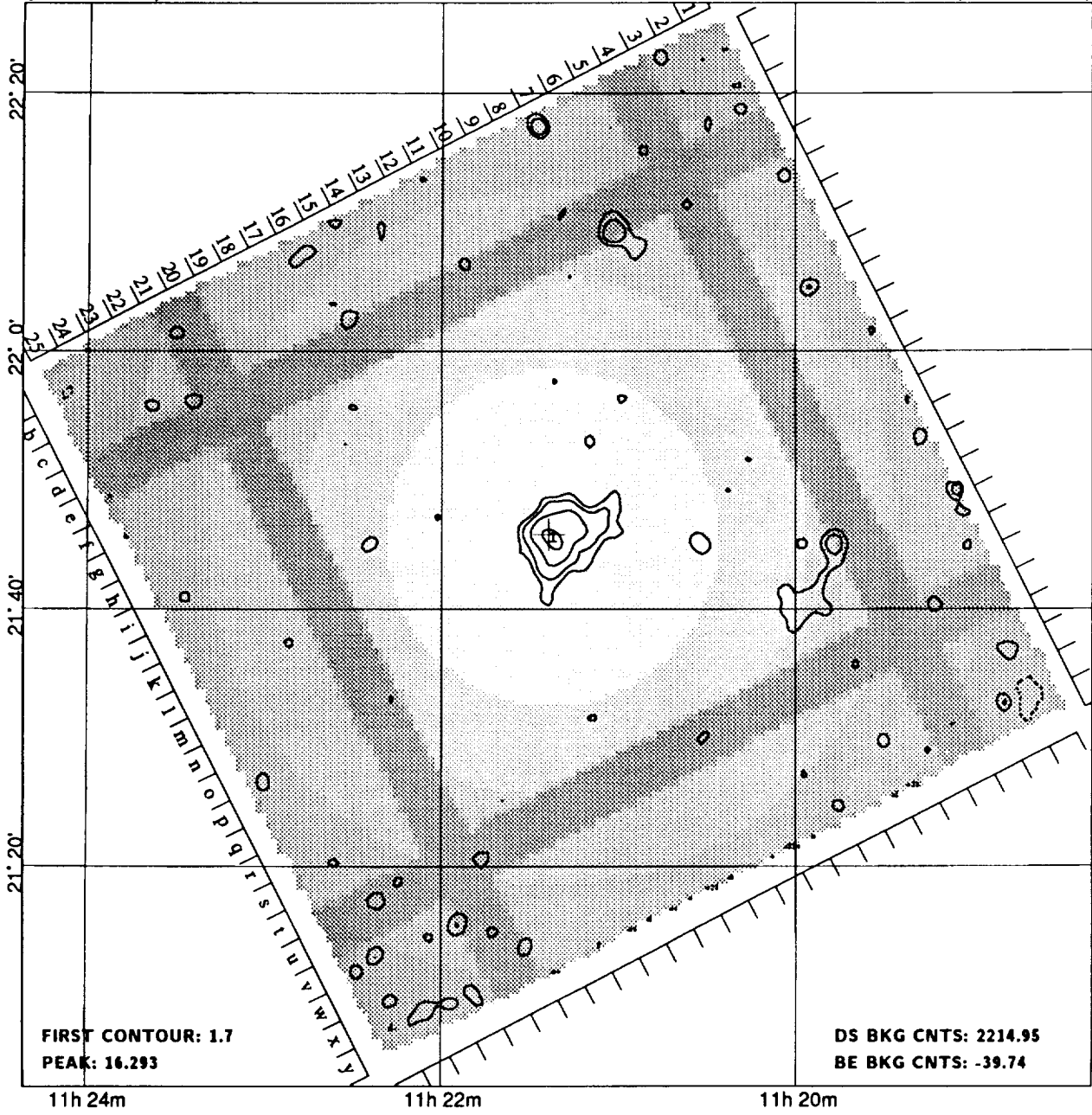
NH: $3.8\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm ''	COUNT RATE	\pm	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	

(11h 21m)

I 233

(11h 21m)



A 1246 CLUSTER EVOLUTION

FIELD CENTER: $11^h 21^m 21.0^s$ $21^\circ 44' 59''$ (B1950)
 $11^h 23^m 59.0^s$ $21^\circ 28' 31''$ (J2000)
 $l: 224.03$ $b: 69.32$

DATE: 1979/143 - 1979/143
 LIVETIME: 1794.8s
 ROLL ANGLE: 62.9°

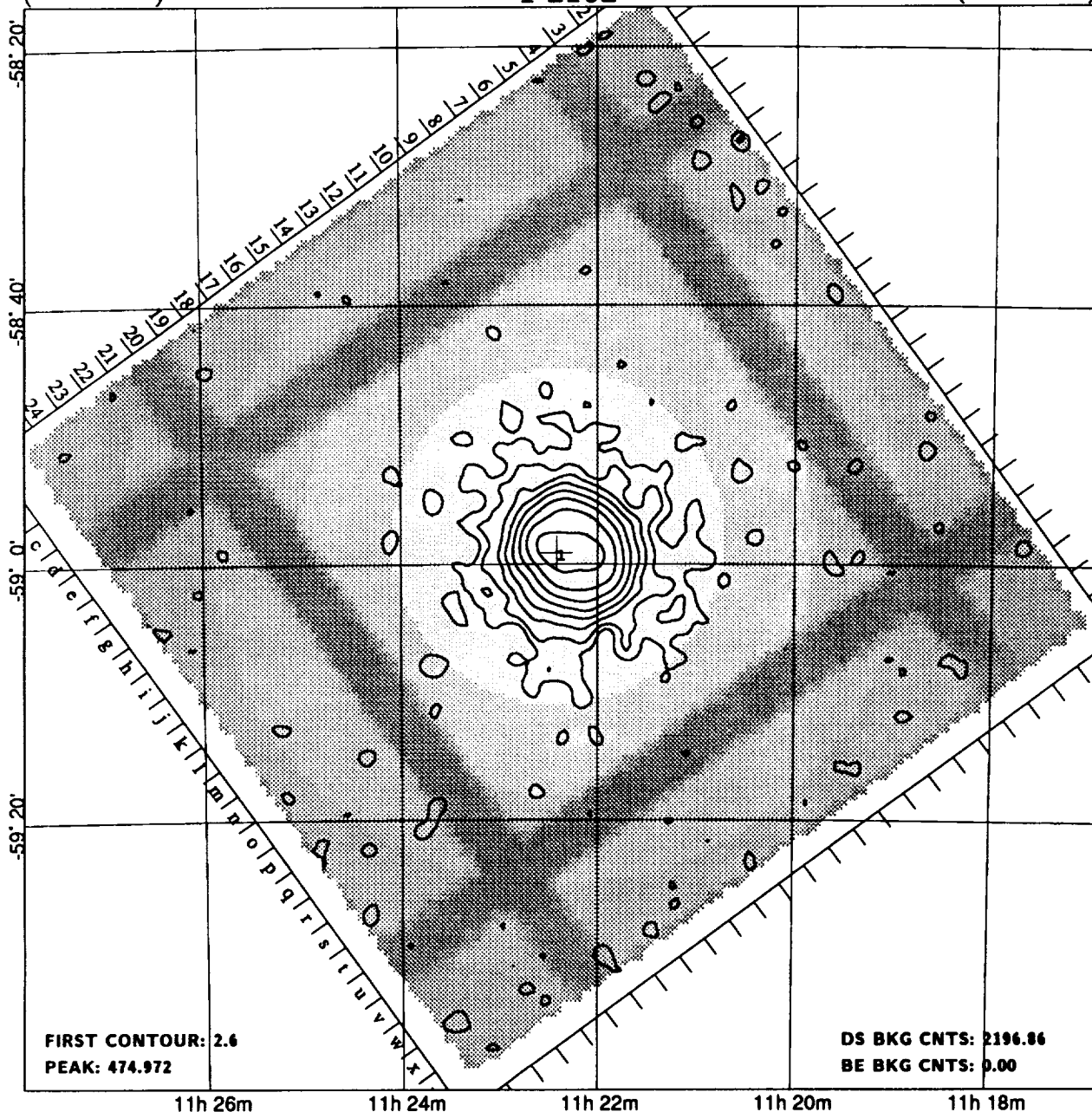
NH: $1.4E+20$
 REF/ID:
 FIELD FLAGS:

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)



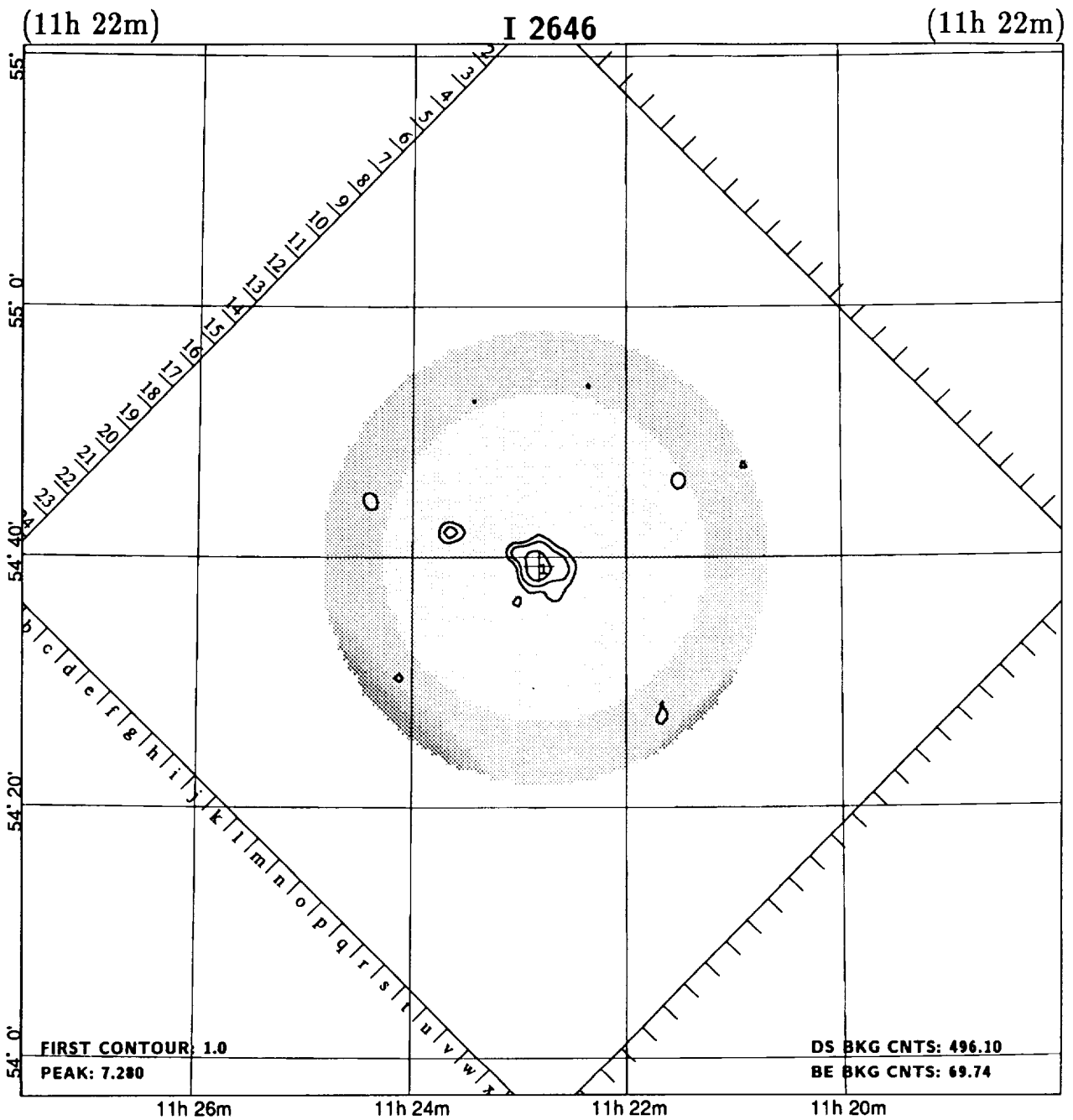
X-RAY STUDY OF SUPERNOVA REMNANTS: G292.0+1.8=MSH11-54

FIELD CENTER: $11^{\text{h}}22^{\text{m}}21.8^{\text{s}}$ $-58^{\circ}58'58''$ (B1950)
 $11^{\text{h}}24^{\text{m}}37.8^{\text{s}}$ $-59^{\circ}15'27''$ (J2000)
 $l: 292.03$ $b: 1.76$

DATE: 1979/192 - 1979/192
 LIVETIME: 1780.2s
 ROLL ANGLE: 54.2°

NH: $1.2\text{E}+21$
 REF/ID: SNR
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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	



SEYFERT GALAXY SURVEY: VV 144

FIELD CENTER: $11^{\text{h}}22^{\text{m}}48.0^{\text{s}}$ $54^{\circ}38'59''$ (B1950)
 $11^{\text{h}}25^{\text{m}}36.3^{\text{s}}$ $54^{\circ}22'30''$ (J2000)
 $l: 147.04$ $b: 58.55$

DATE: 1979/119 - 1979/119
LIVETIME: 402.0s
ROLL ANGLE: 44.7°

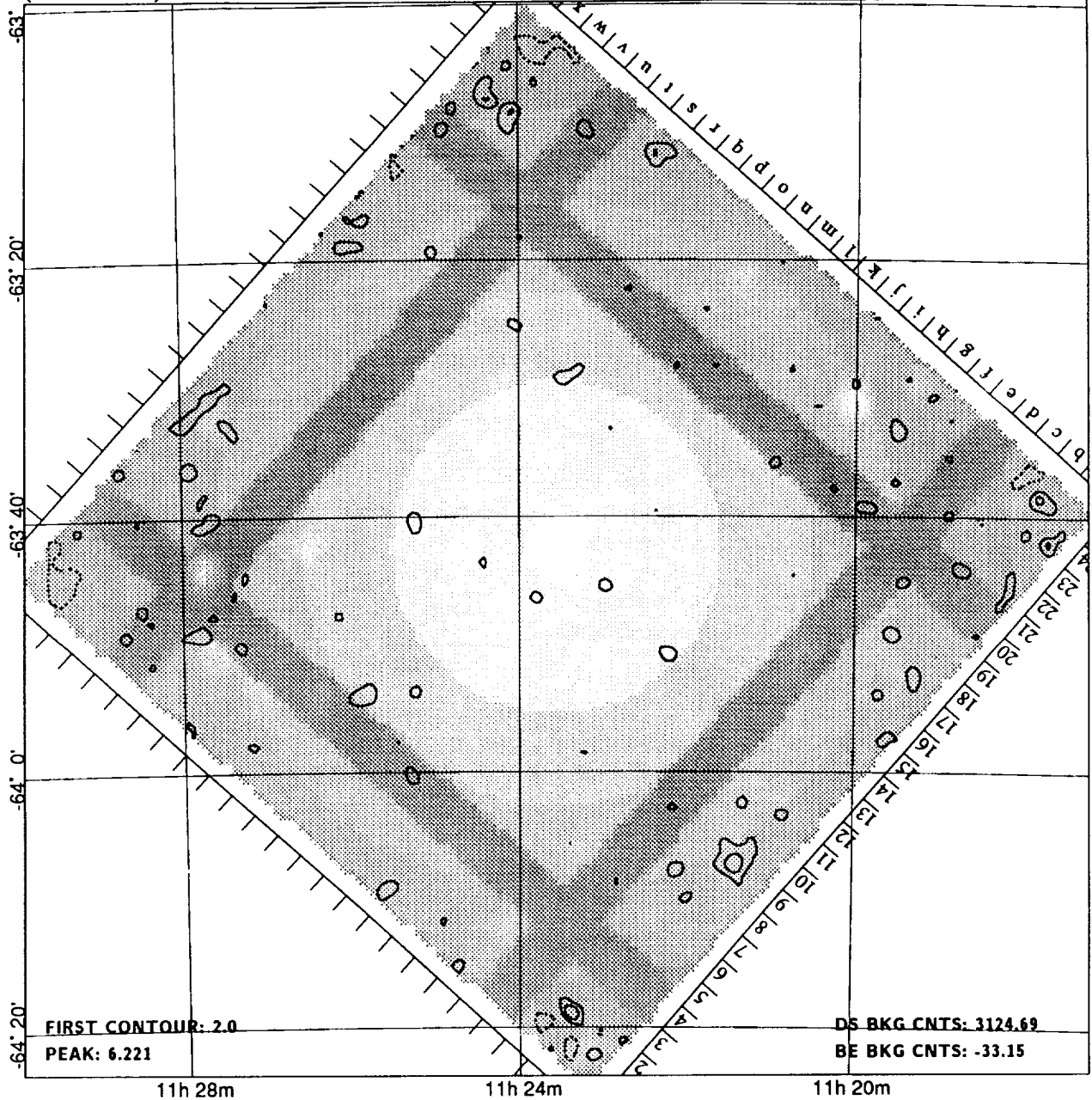
NH: $1.0\text{E}+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(11h 23m)

I 10106

(11h 23m)



HR4413, HERTZSPRUNG GAP AND RELATED STARS

FIELD CENTER: $11^{\text{h}}23^{\text{m}}32.7^{\text{s}}$ $-63^{\circ}41'46''$ (B1950)
 $11^{\text{h}}25^{\text{m}}45.5^{\text{s}}$ $-63^{\circ}58'17''$ (J2000)
 $l: 293.70$ $b: -2.65$

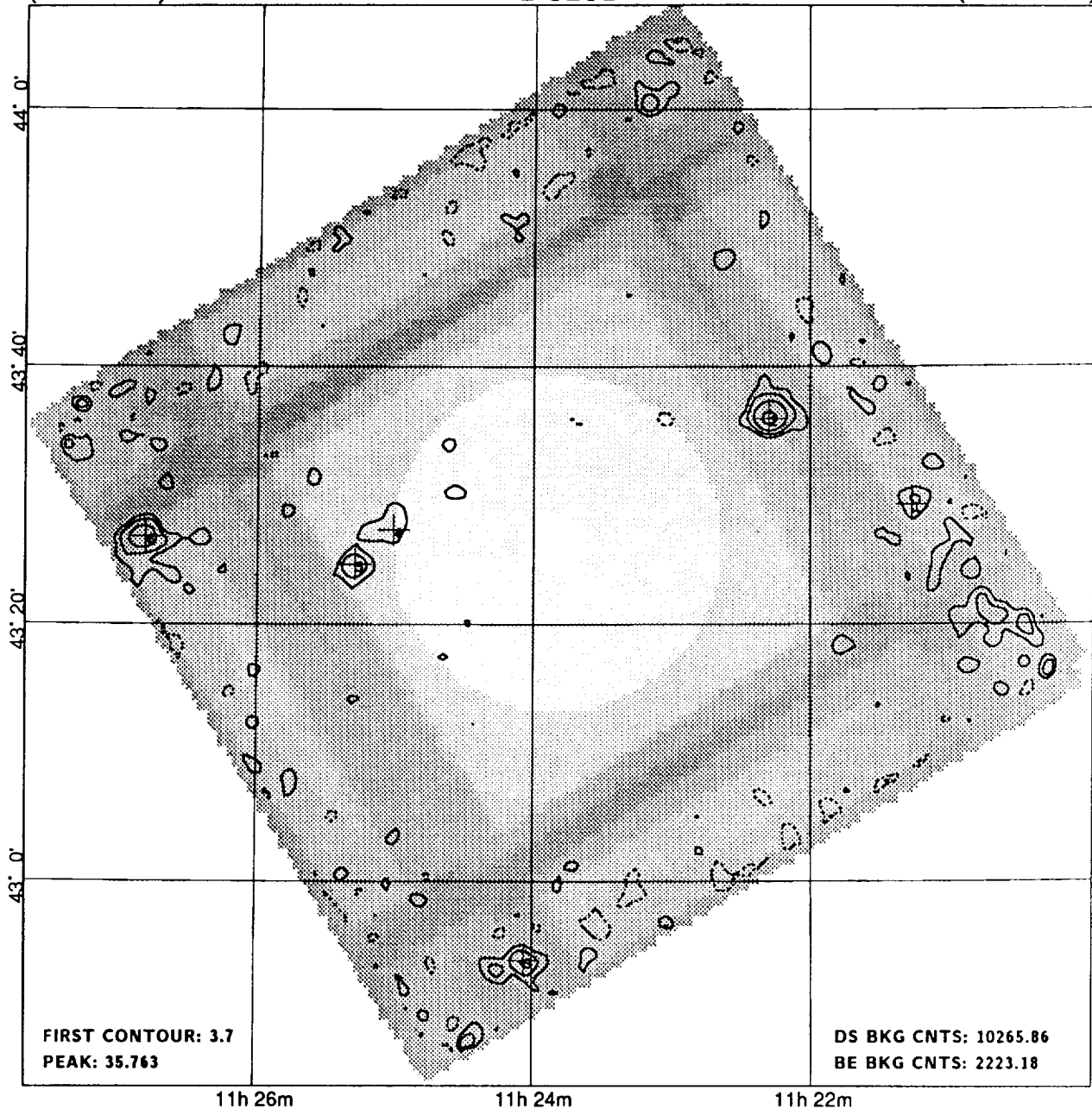
DATE: 1981/ 23 - 1981/ 23
LIVETIME: 2532.0s
ROLL ANGLE: -138.4°

NH: $1.3\text{E}+21$
REF/ID:
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

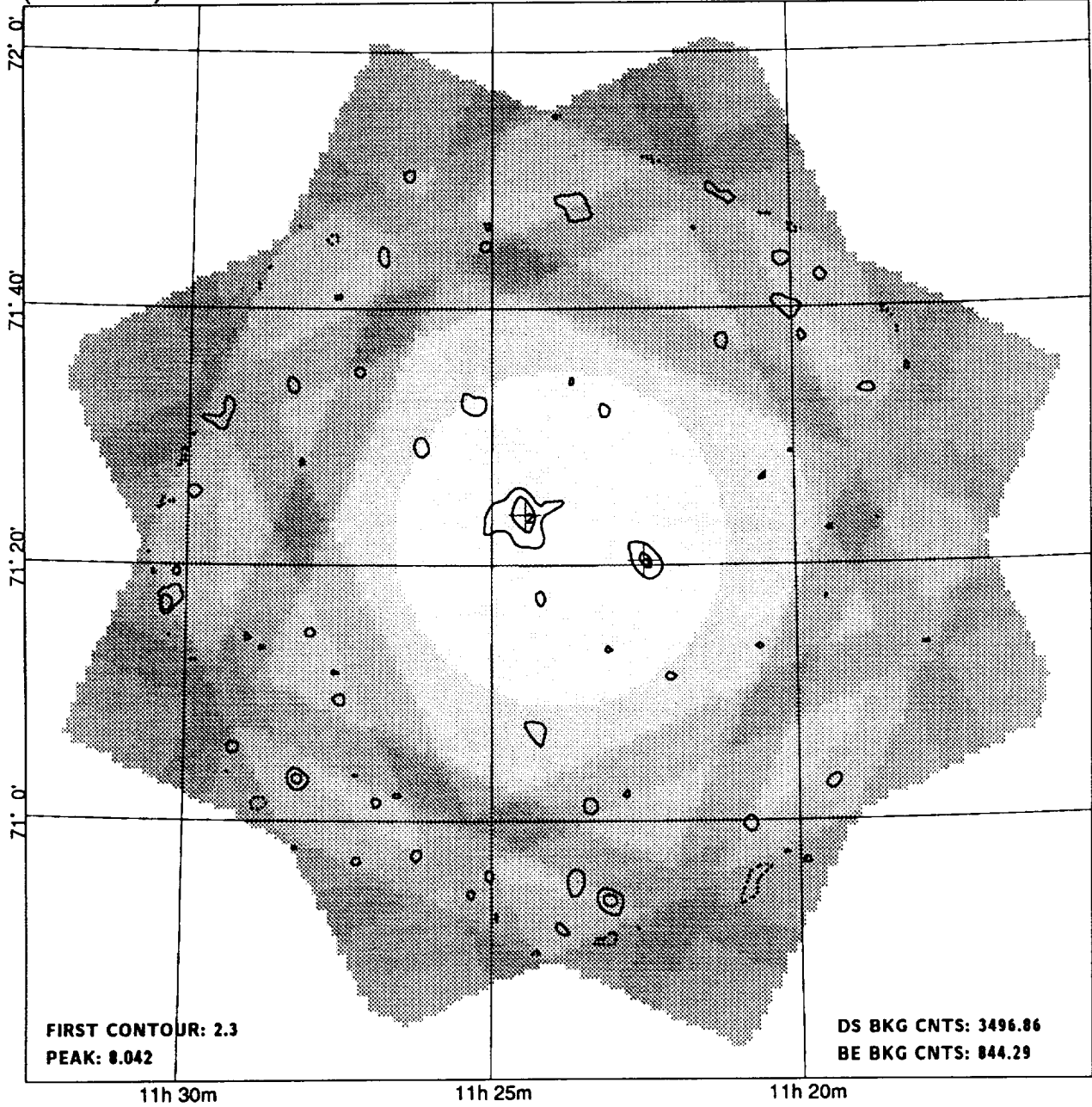
NH: 2.3E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
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: $11^{\text{h}}23^{\text{m}}54.0^{\text{s}}$ $71^{\circ}21'57''$ (B1950)
 $11^{\text{h}}26^{\text{m}}57.3^{\text{s}}$ $71^{\circ}05'27''$ (J2000)
 $l: 132.35$ $b: 44.46$

DATE: 1979/283 - 1980/145
 LIVETIME: 2833.6s

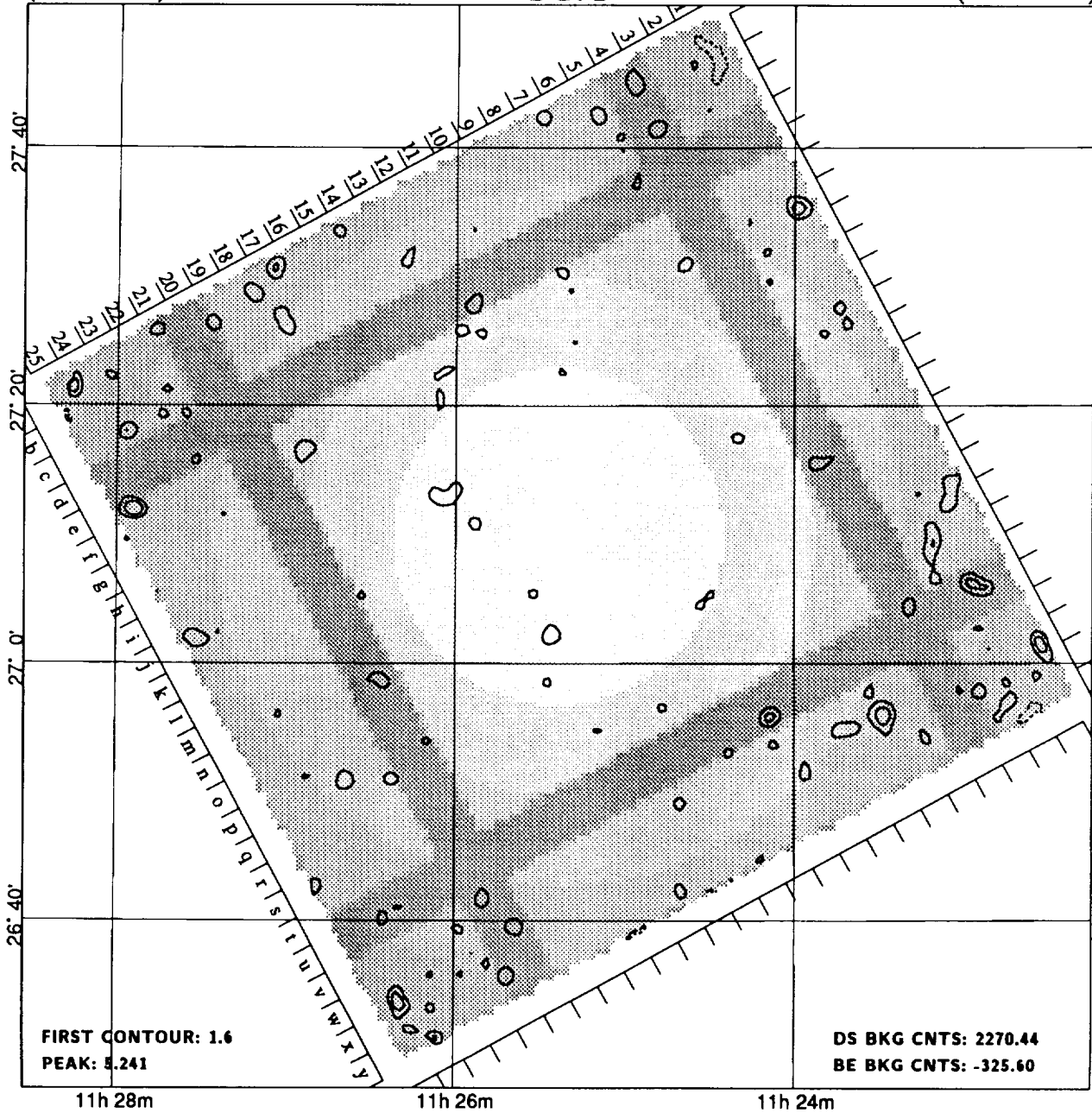
NH: $1.7\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(11h 25m)

I 171

(11h 25m)



FIRST CONTOUR: 1.6
PEAK: 8.241

DS BKG CNTS: 2270.44
BE BKG CNTS: -325.60

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

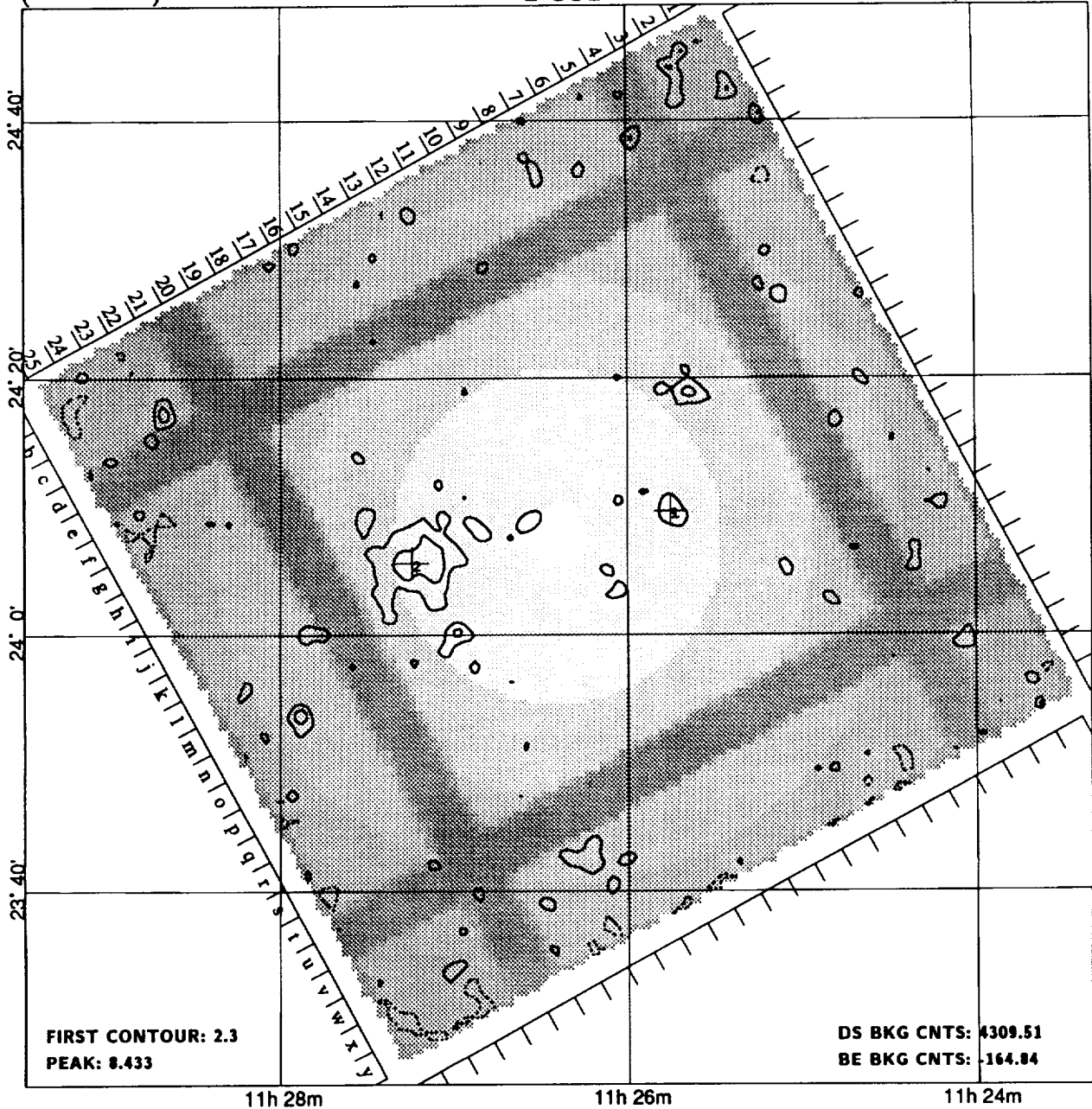
DATE: 1979/143 - 1979/143
LIVETIME: 1839.8s
ROLL ANGLE: 61.5°

NH: 1.6E+20
REF/ID:
FIELD FLAGS:

(11h 26m)

I 331

(11h 26m)



A 1268 1272 SUPERCLUSTER STUDY

FIELD CENTER: $11^h 26^m 24.0^s$ $24^\circ 06' 59''$ (B1950)
 $11^h 29^m 01.9^s$ $23^\circ 50' 27''$ (J2000)
 $l: 218.38$ $b: 71.14$

DATE: 1979/142 - 1979/142
 LIVETIME: 3492.1s
 ROLL ANGLE: 61.5°

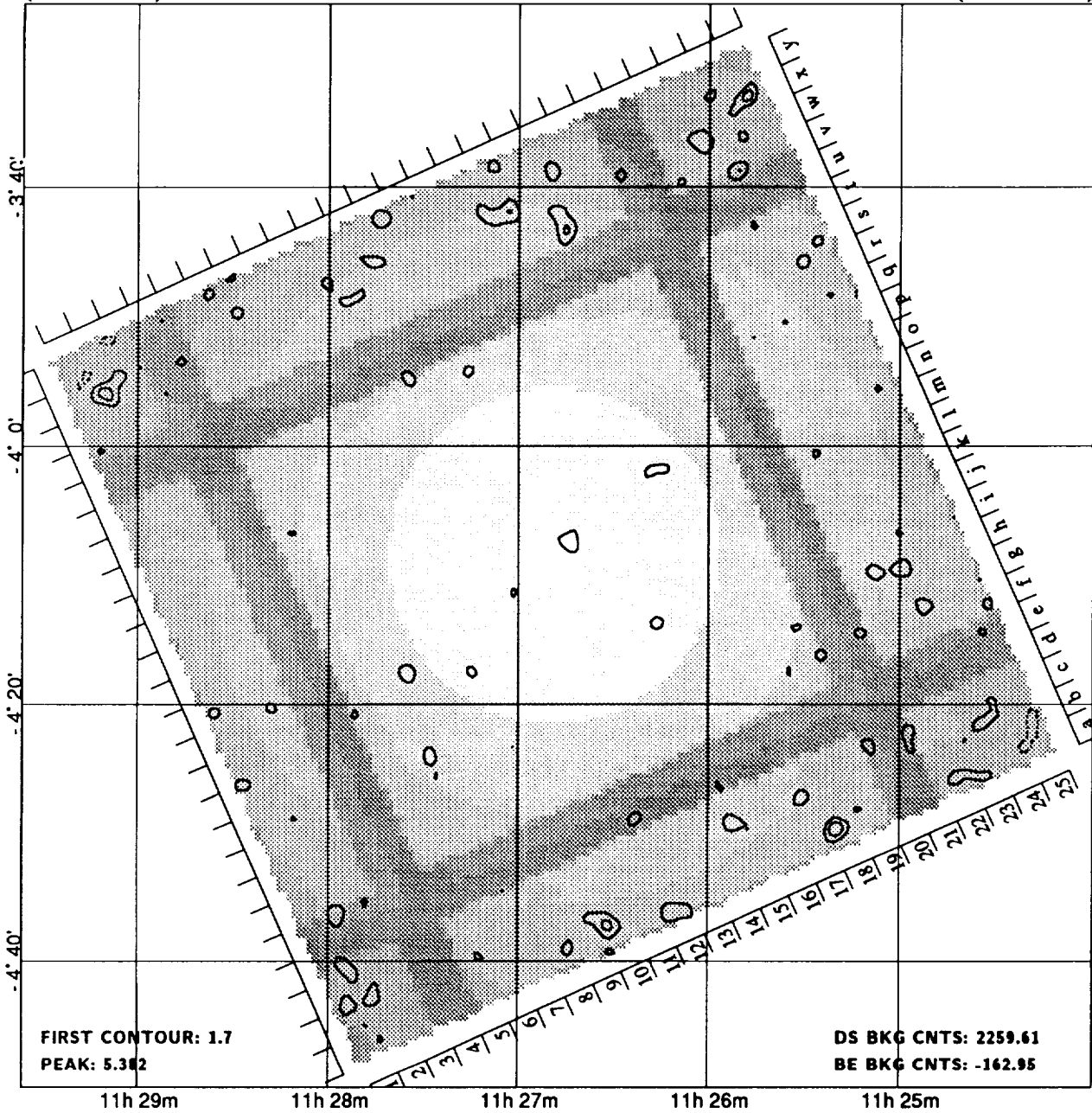
NH: $1.4E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)



FIRST CONTOUR: 1.7
 PEAK: 5.382

DS BKG CNTS: 2259.61
 BE BKG CNTS: -162.95

11h 29m

11h 28m

11h 27m

11h 26m

11h 25m

SURVEY OF BRIGHT (PG) QUASARS

FIELD CENTER: $11^{\text{h}}26^{\text{m}}47.9^{\text{s}} -04^{\circ}07'49''$ (B1950)
 $11^{\text{h}}29^{\text{m}}20.9^{\text{s}} -04^{\circ}24'22''$ (J2000)
 $l: 267.66 \quad b: 52.75$

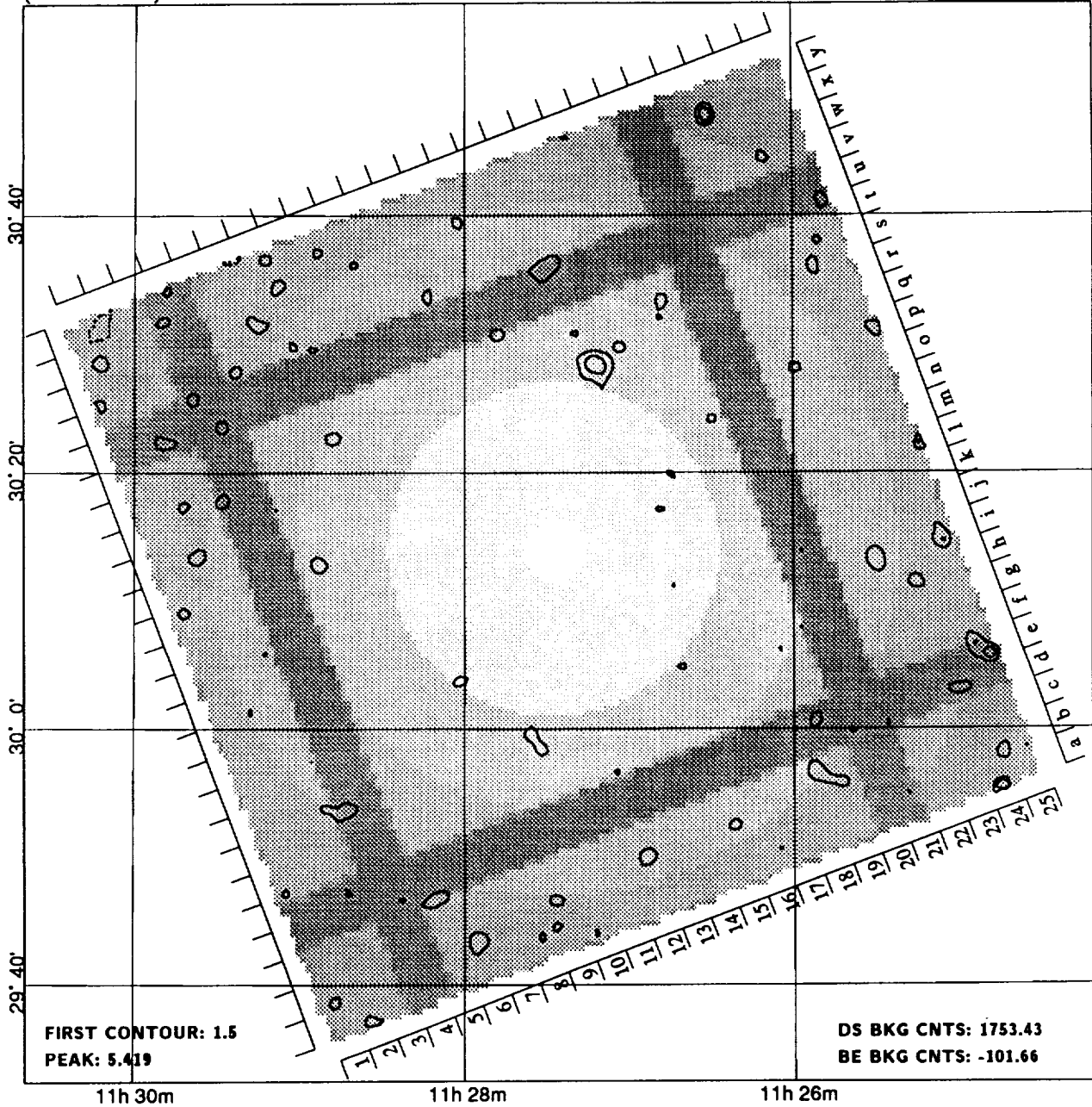
DATE: 1980/355 - 1980/355
 LIVETIME: 1831.0s
 ROLL ANGLE: -114.1°

NH: $4.4\text{E}+20$
 REF/ID: I
 FIELD FLAGS:

(11h 27m)

I 4992

(11h 27m)



FIRST CONTOUR: 1.5
PEAK: 5.419

DS BKG CNTS: 1753.43
BE BKG CNTS: -101.66

11h 30m

11h 28m

11h 26m

STAR BD+30 2163

FIELD CENTER: $11^h 27^m 25.6^s$ $30^\circ 14' 34''$ (B1950)
 $11^h 30^m 04.6^s$ $29^\circ 58' 02''$ (J2000)
 $l: 199.10$ $b: 71.93$

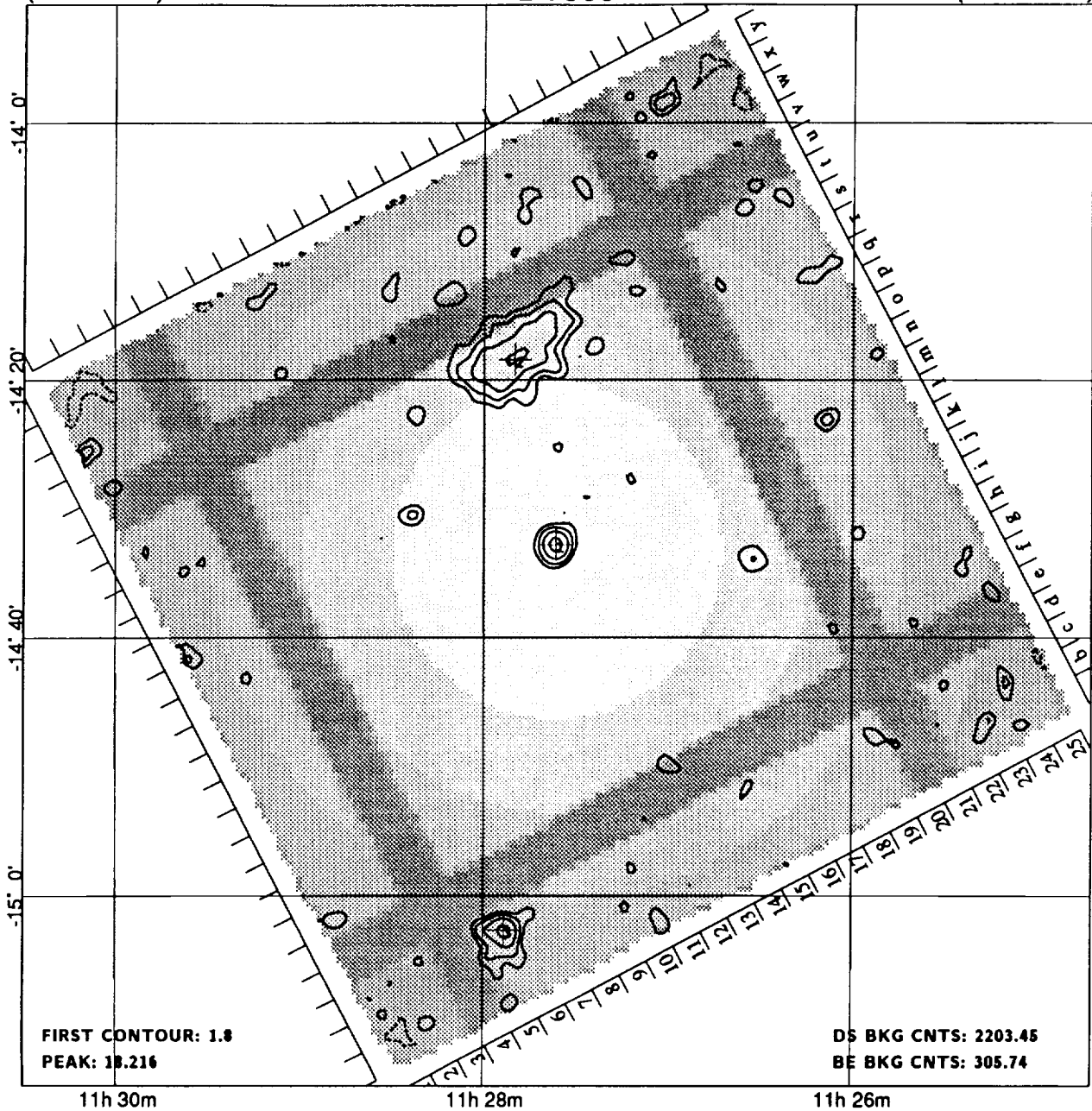
DATE: 1979/348 - 1979/348
LIVETIME: 1420.9s
ROLL ANGLE: -110.5°

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

(11h 27m)

I 7300

(11h 27m)



OM-146, LOW FREQ. VAR. EXTRAGAL. RADIO SOURCE

FIELD CENTER: $11^{\text{h}}27^{\text{m}}36.3^{\text{s}}$ $-14^{\circ}32'52''$ (B1950)
 $11^{\text{h}}30^{\text{m}}07.6^{\text{s}}$ $-14^{\circ}49'25''$ (J2000)
 $l: 275.28$ $b: 43.64$

DATE: 1980/ 1 - 1980/ 1
 LIVETIME: 1785.5s
 ROLL ANGLE: -117.7°

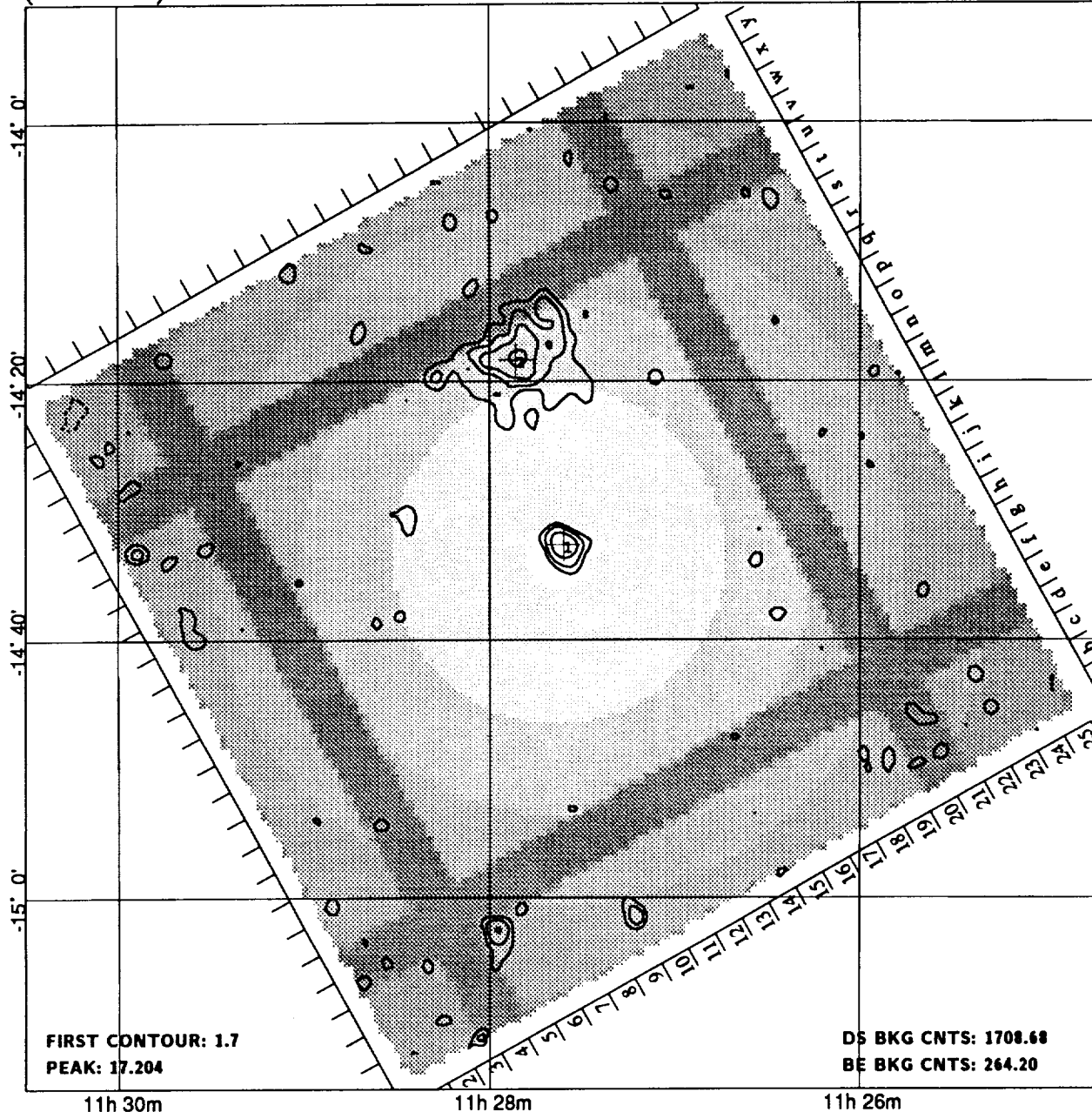
NH: $3.8\text{E}+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $11^{\text{h}}27^{\text{m}}36.3^{\text{s}}$ $-14^{\circ}32'52''$ (B1950)
 $11^{\text{h}}30^{\text{m}}07.6^{\text{s}}$ $-14^{\circ}49'25''$ (J2000)
 $l: 275.28$ $b: 43.64$

DATE: 1981/ 4 - 1981/ 4
 LIVETIME: 1384.6s
 ROLL ANGLE: -119.0°

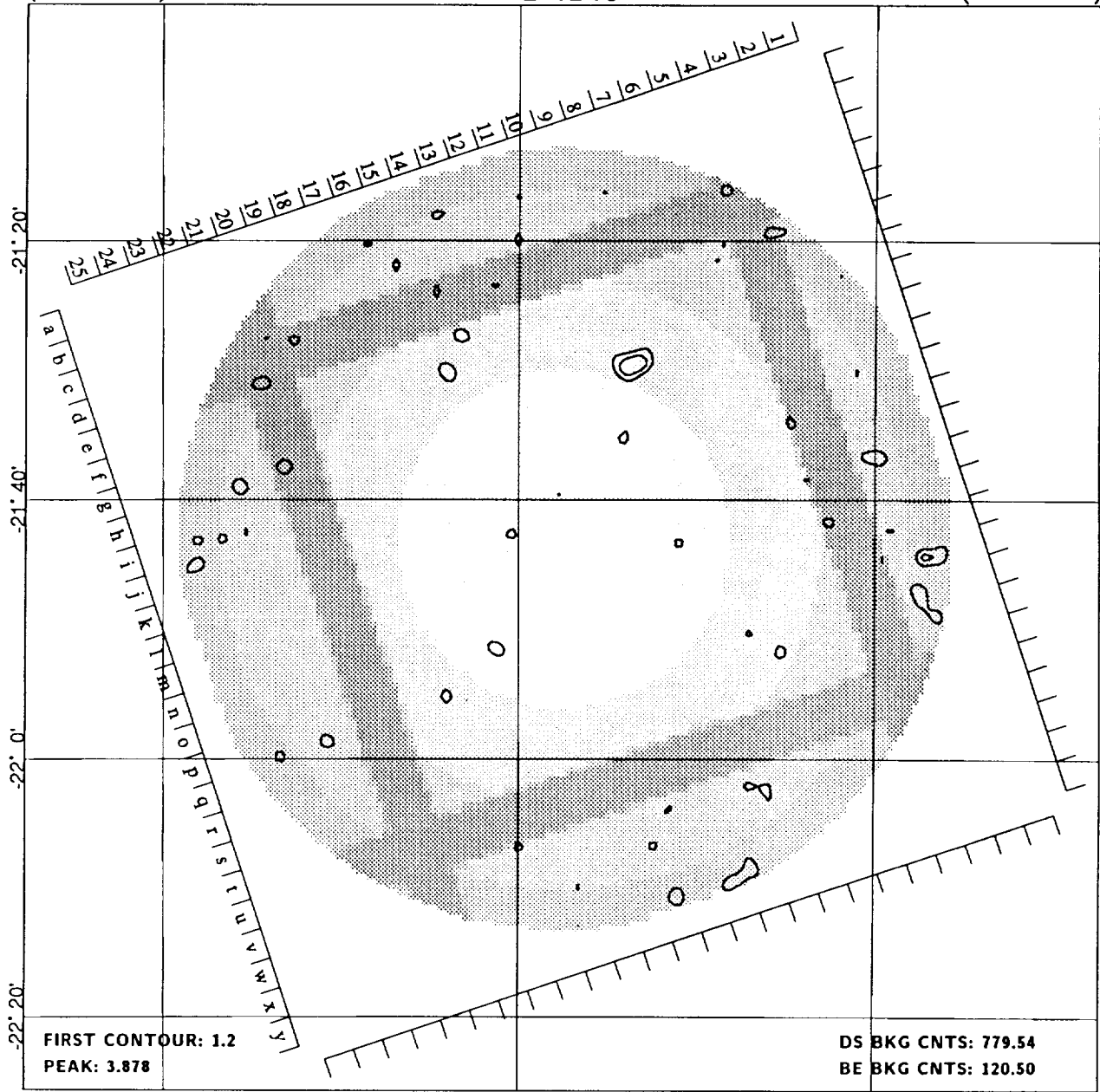
NH: $3.8\text{E}+20$
 REF/ID:
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)



11h 30m

11h 28m

11h 26m

H1125-21 POSITION

FIELD CENTER: $11^{\text{h}}27^{\text{m}}45.6^{\text{s}}$ $-21^{\circ}43'47''$ (B1950)
 $11^{\text{h}}30^{\text{m}}15.7^{\text{s}}$ $-22^{\circ}00'20''$ (J2000)
 $l: 279.16$ $b: 37.09$

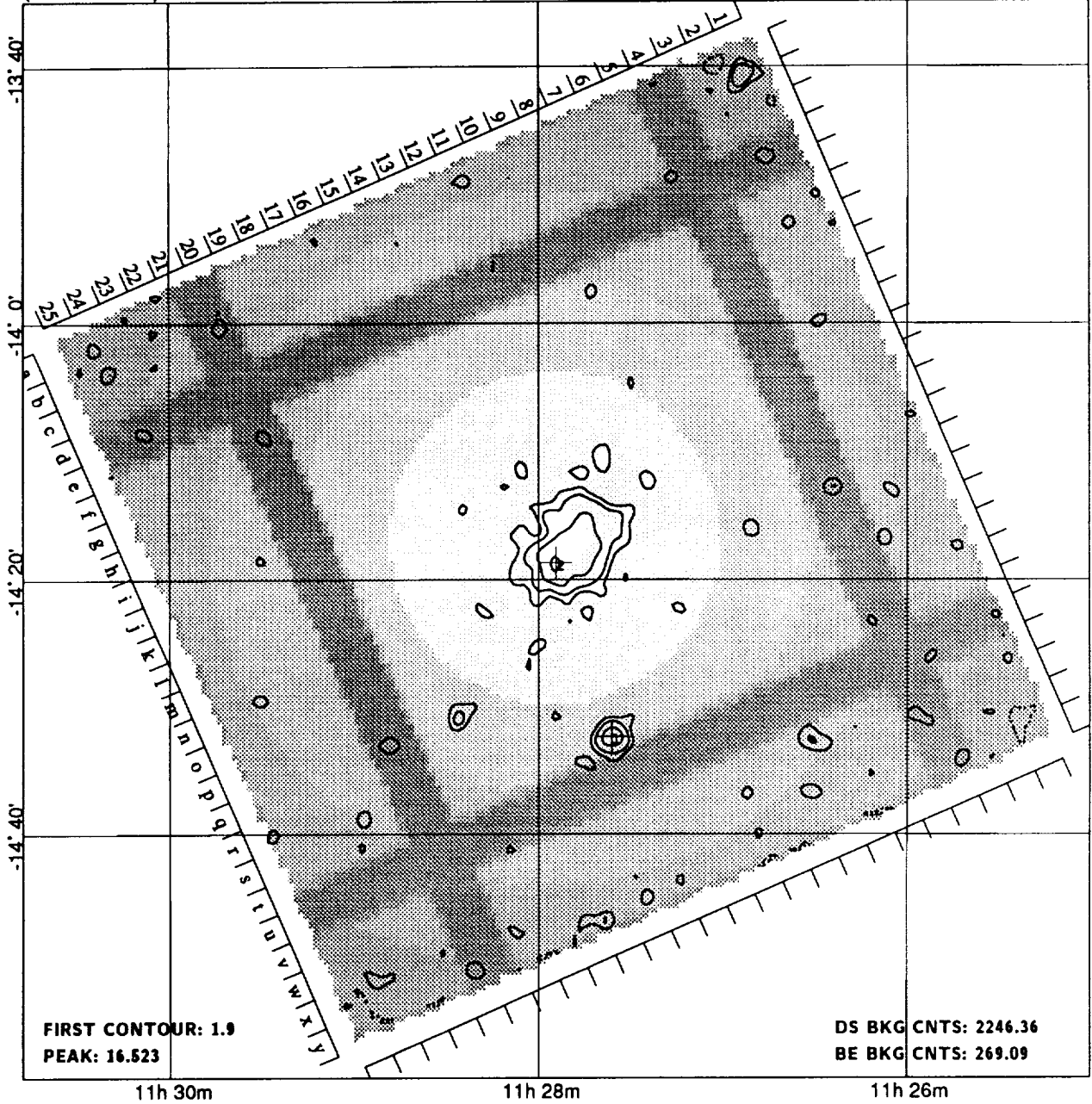
DATE: 1980/156 - 1980/156
LIVETIME: 631.7s
ROLL ANGLE: 71.5°

NH: $4.0\text{E}+20$
REF/ID:
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°

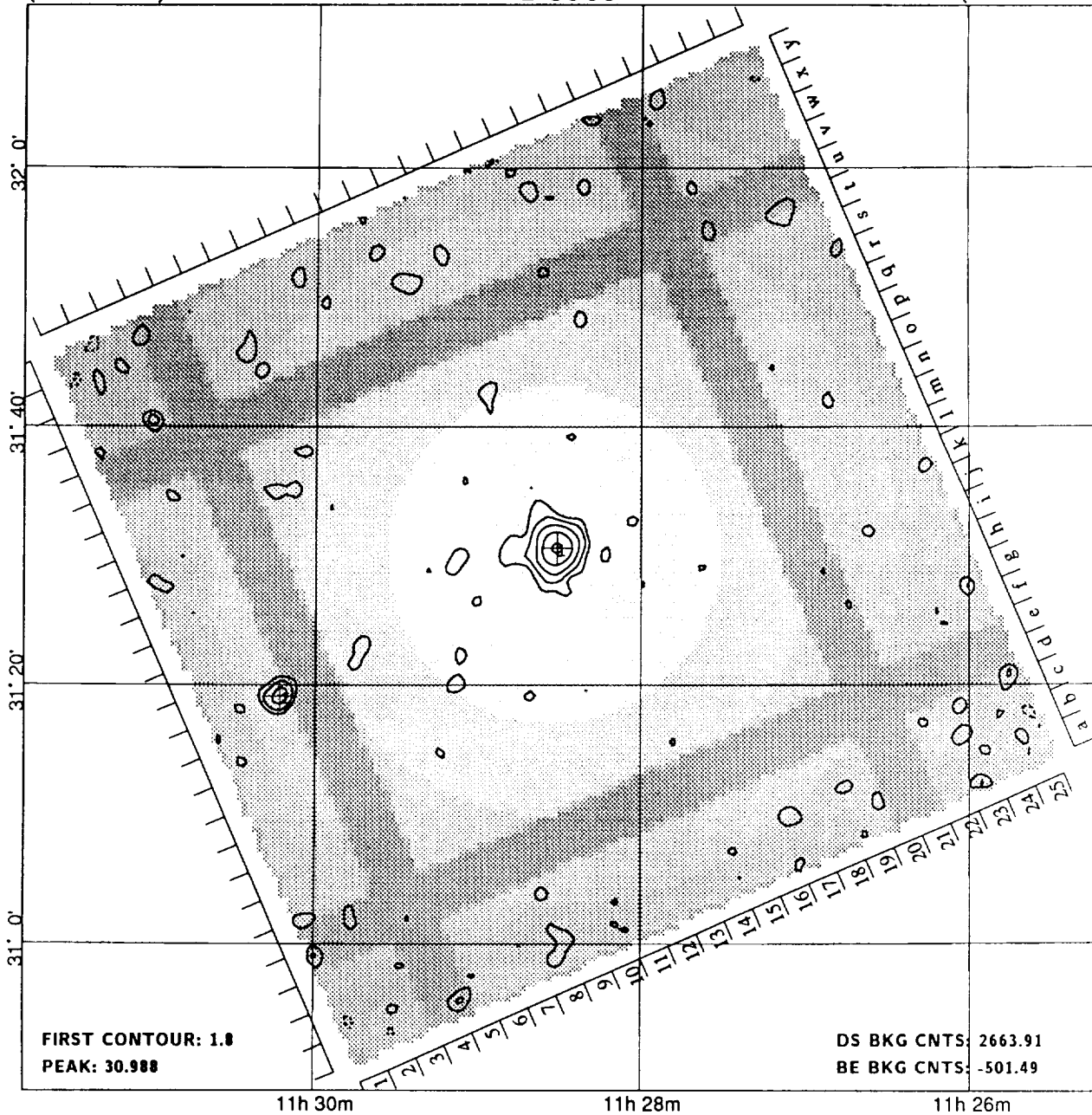
NH: 3.9E+20
 REF/ID:
 FIELD FLAGS:

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: $11^h 28^m 30.3^s$ $31^\circ 30' 39''$ (B1950)
 $11^h 31^m 09.4^s$ $31^\circ 14' 06''$ (J2000)
 $l: 194.94$ $b: 72.03$

DATE: 1979/341 - 1979/341
 LIVETIME: 2158.6s
 ROLL ANGLE: -113.6°

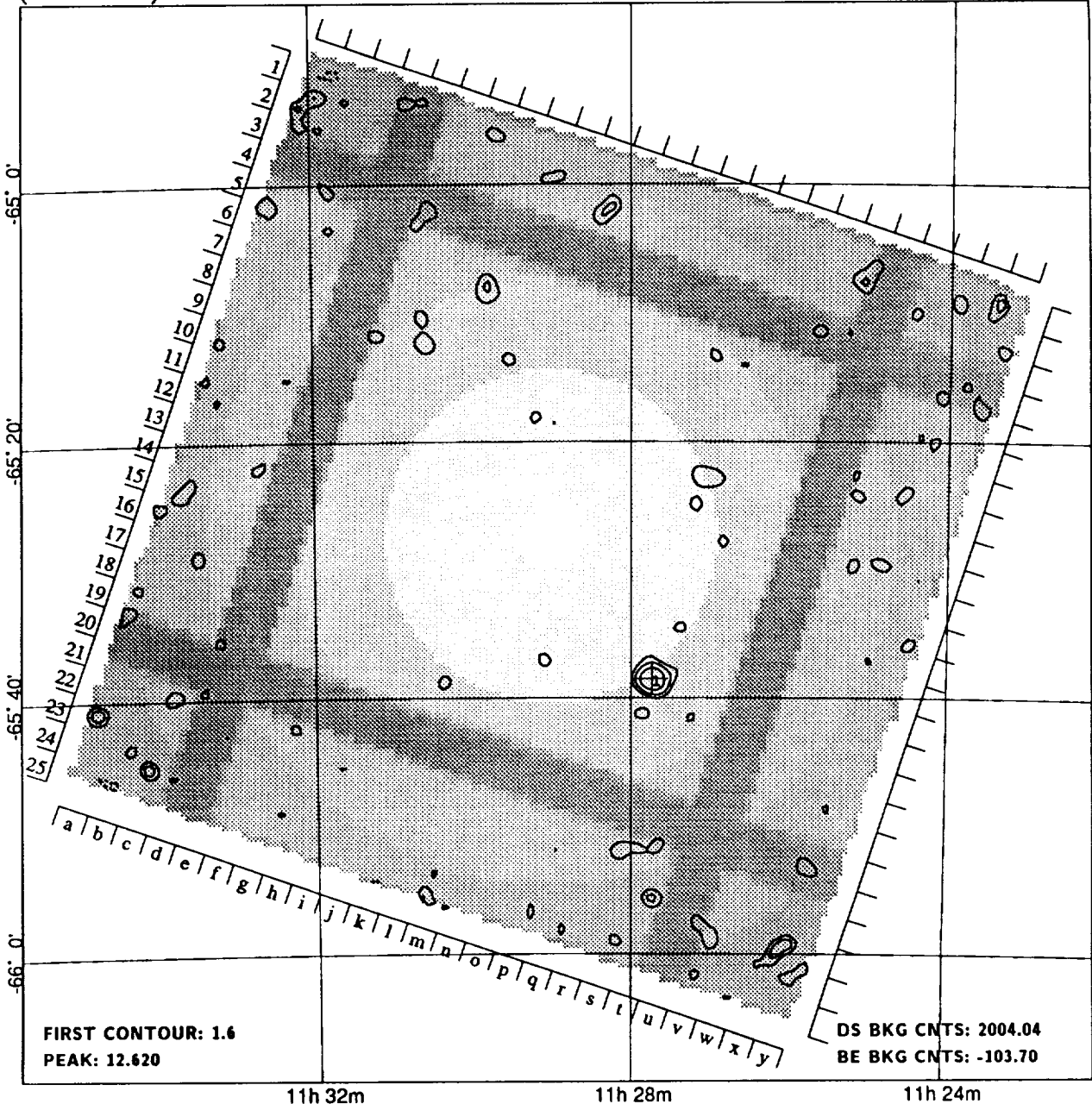
NH: $2.2E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $11^{\text{h}}28^{\text{m}}56.1^{\text{s}} -65^{\circ}27'58''$ (B1950)
 $11^{\text{h}}31^{\text{m}}10.6^{\text{s}} -65^{\circ}44'32''$ (J2000)
 $l: 294.81 \quad b: -4.14$

DATE: 1980/237 - 1980/237
 LIVETIME: 1623.9s
 ROLL ANGLE: 18.7°

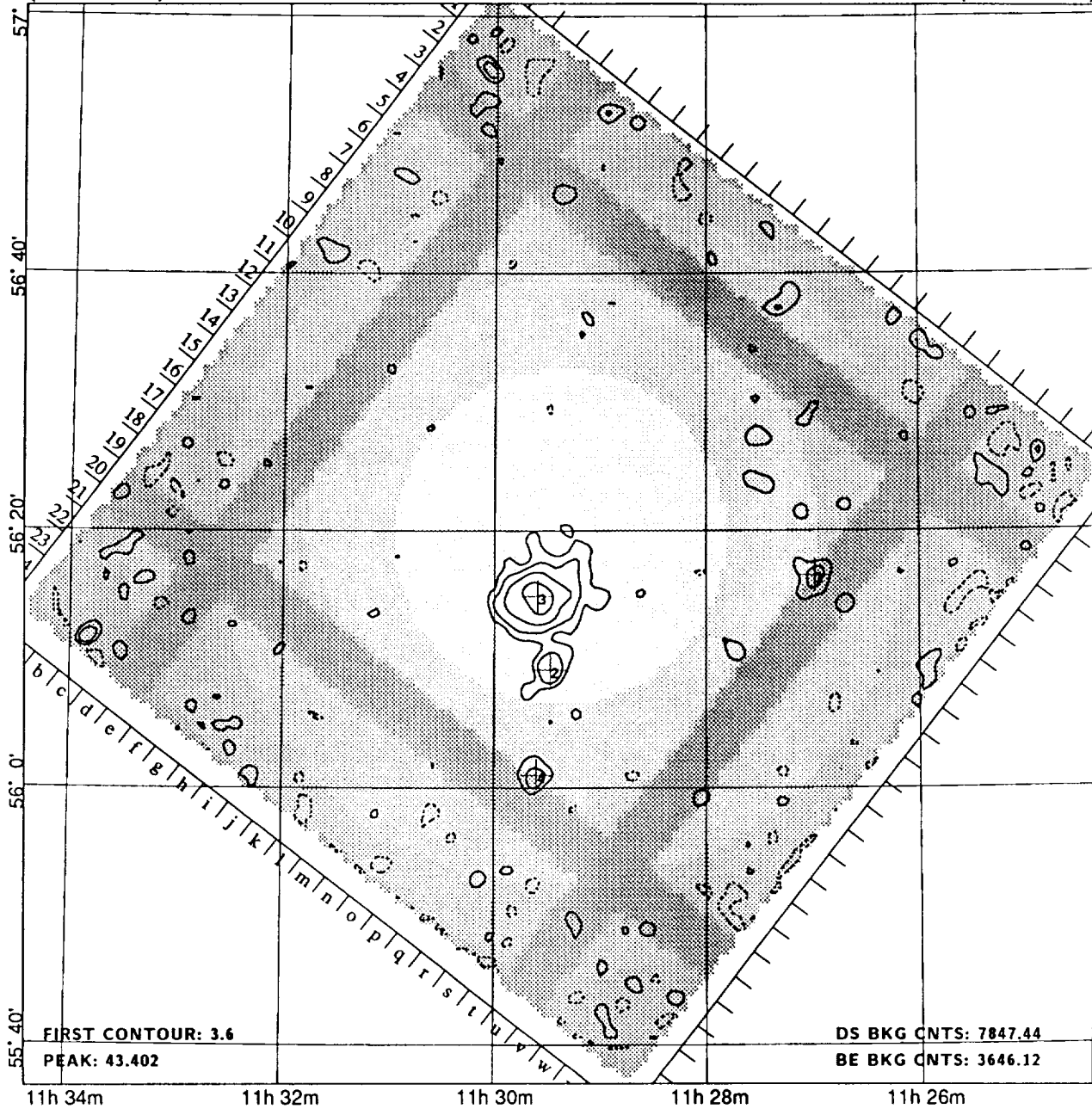
NH: $1.4\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	FLG
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: $11^h 29^m 24.0^s$ $56^\circ 18' 59''$ (B1950)
 $11^h 32^m 10.4^s$ $56^\circ 02' 26''$ (J2000)
 $l: 143.73$ $b: 57.77$

DATE: 1980/112 - 1980/112
 LIVETIME: 6587.5s
 ROLL ANGLE: 37.6°

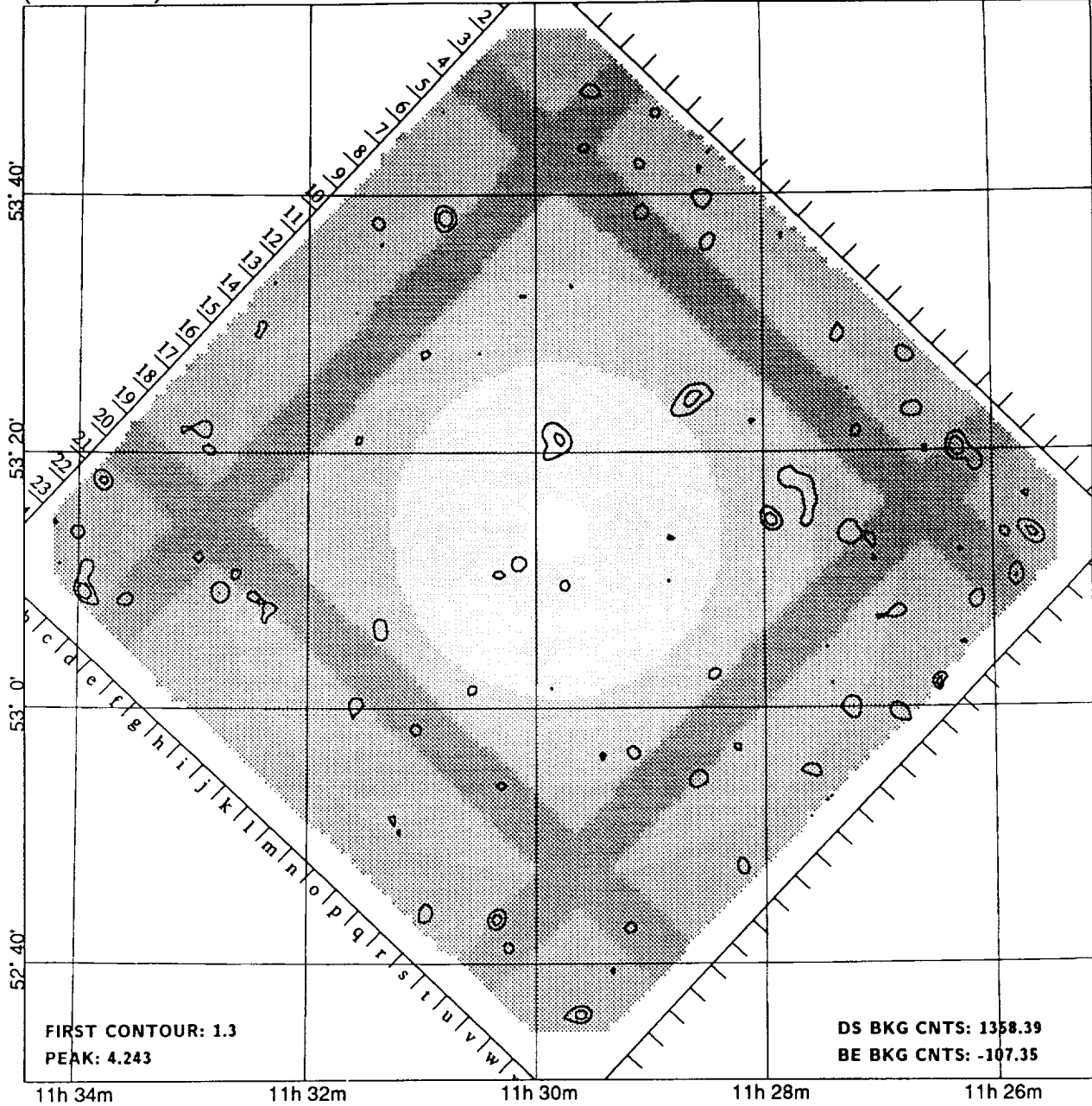
NH: $9.6E+19$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(11h 29m)

I 2654

(11h 29m)



SEYFERT GALAXY SURVEY: MKN 176

FIELD CENTER: $11^{\text{h}}29^{\text{m}}48.0^{\text{s}}\ 53^{\circ}12'59''$ (B1950)
 $11^{\text{h}}32^{\text{m}}32.9^{\text{s}}\ 52^{\circ}56'25''$ (J2000)
 $l: 147.18\ b: 60.32$

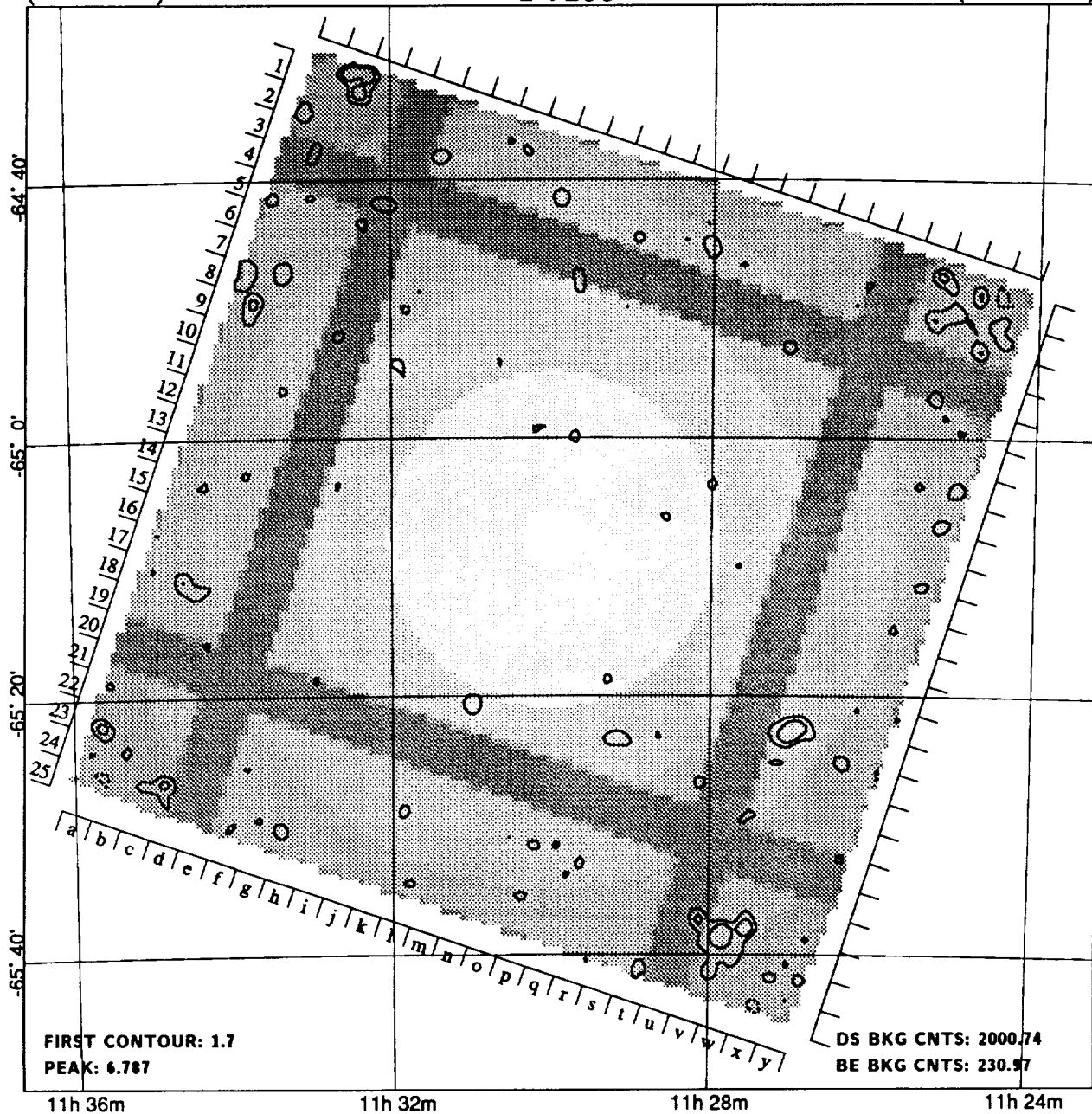
DATE: 1979/119 - 1979/119
 LIVETIME: 1100.7s
 ROLL ANGLE: 43.5°

NH: $1.1\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(11h 29m)

I 7255

(11h 29m)



SS 32, STRONG EMISSION LINE STAR

FIELD CENTER: $11^{\text{h}}29^{\text{m}}55.0^{\text{s}}$ $-65^{\circ}06'35''$ (B1950)
 $11^{\text{h}}32^{\text{m}}10.4^{\text{s}}$ $-65^{\circ}25'09''$ (J2000)
 $l: 294.81$ $b: -3.81$

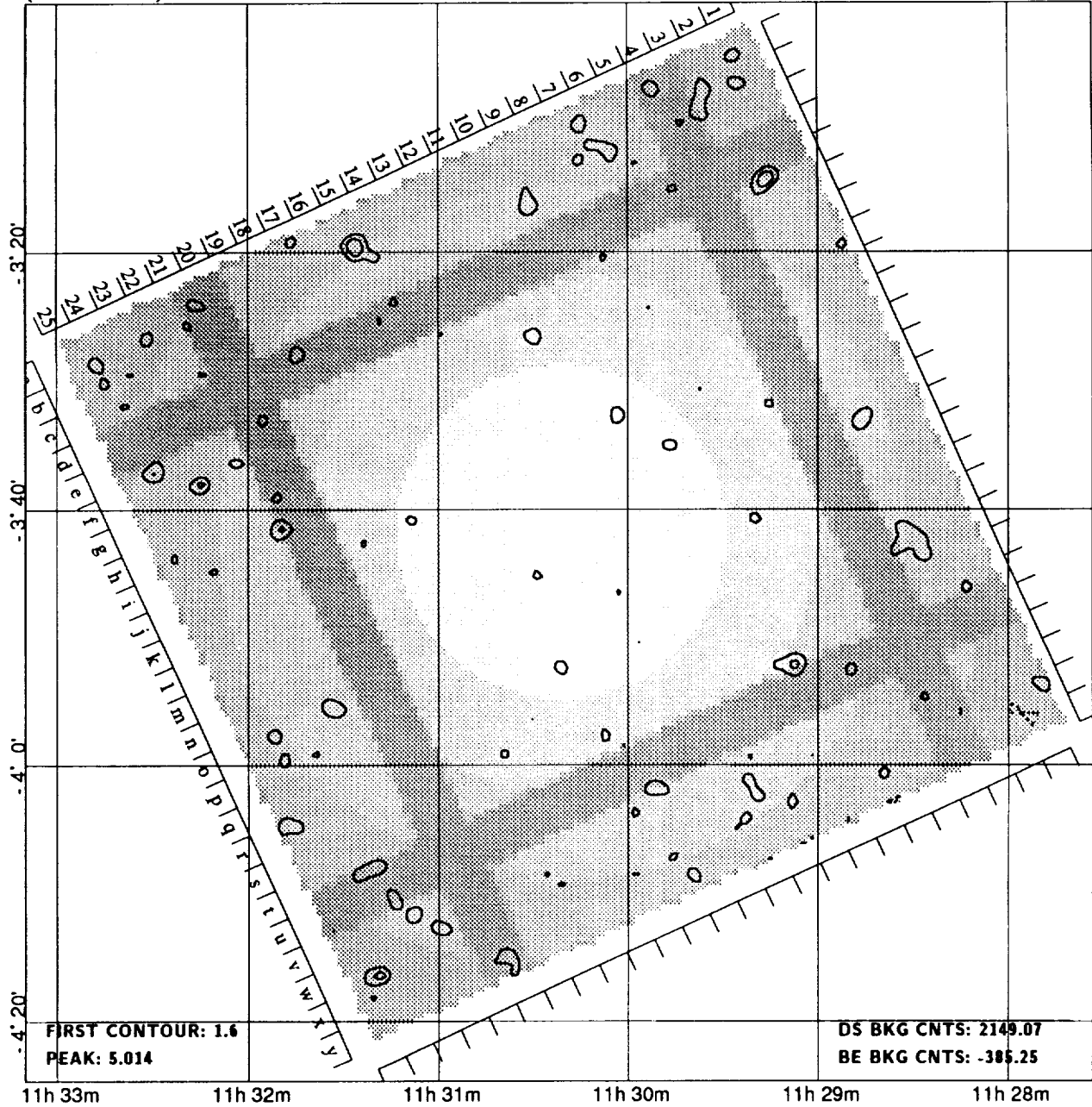
DATE: 1980/238 - 1980/238
LIVETIME: 1621.3s
ROLL ANGLE: 18.4°

NH: $1.4\text{E}+21$
REF/ID:
FIELD FLAGS:

(11h 30m)

I 147

(11h 30m)



A1308 CLUSTER SURFACE BRIGHTNESS

FIELD CENTER: $11^{\text{h}}30^{\text{m}}21.6^{\text{s}} -03^{\circ}42'35''$ (B1950)
 $11^{\text{h}}32^{\text{m}}54.8^{\text{s}} -03^{\circ}59'10''$ (J2000)
 $l: 268.58 \quad b: 53.56$

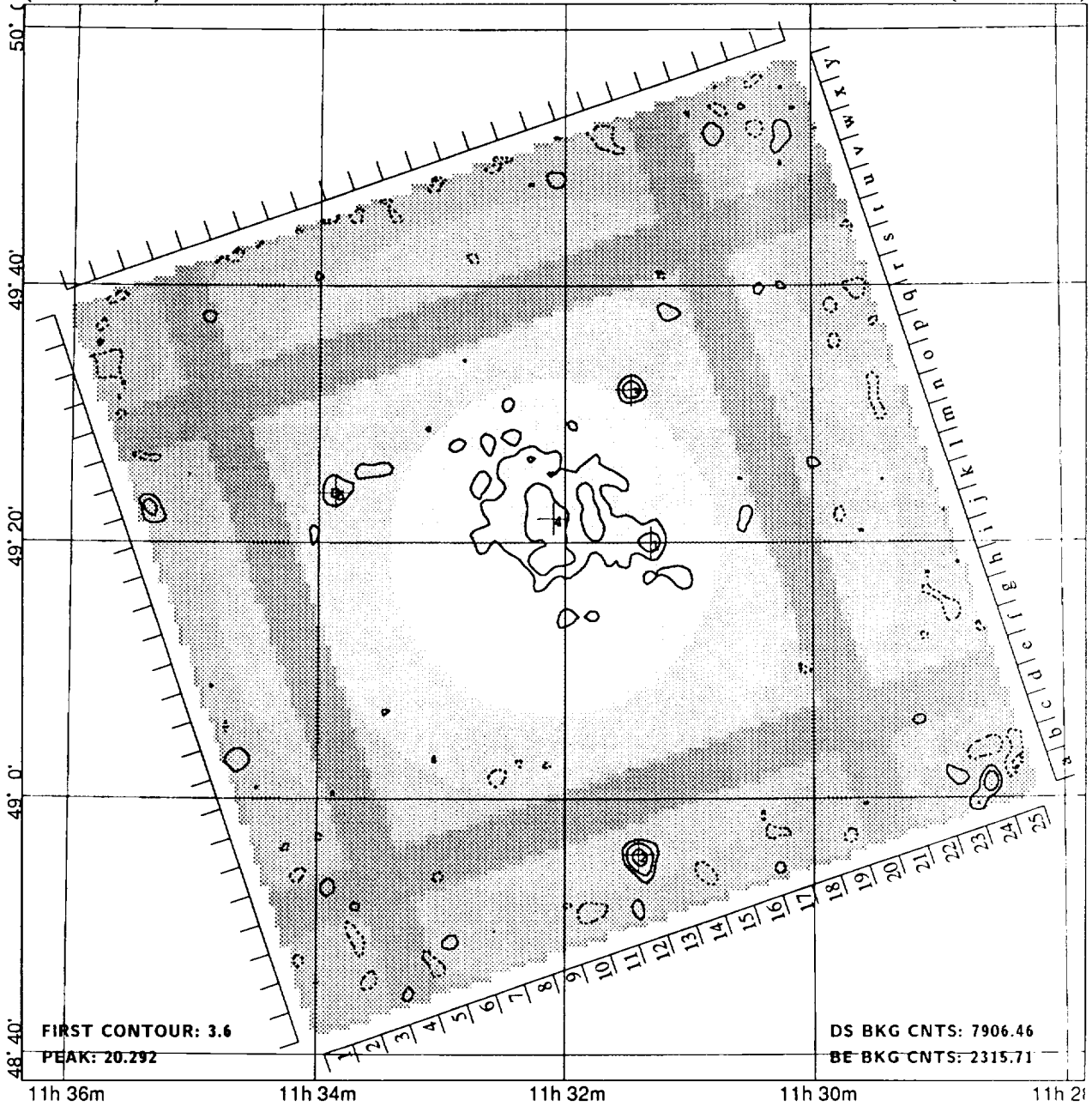
DATE: 1979/178 - 1979/178
 LIVETIME: 1741.4s
 ROLL ANGLE: 65.4°

NH: $4.0\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(11h 32m)

I 6120

(11h 32m)



A 1314, DETAILED STUDY OF NEARBY CLUSTERS

FIELD CENTER: 11^h32^m06.0^s 49°19'59" (B1950)
 11^h34^m48.7^s 49°03'24" (J2000)
 l : 151.80 b : 63.55

DATE: 1979/345 - 1979/346
 LIVETIME: 6406.9s
 ROLL ANGLE: -108.8°

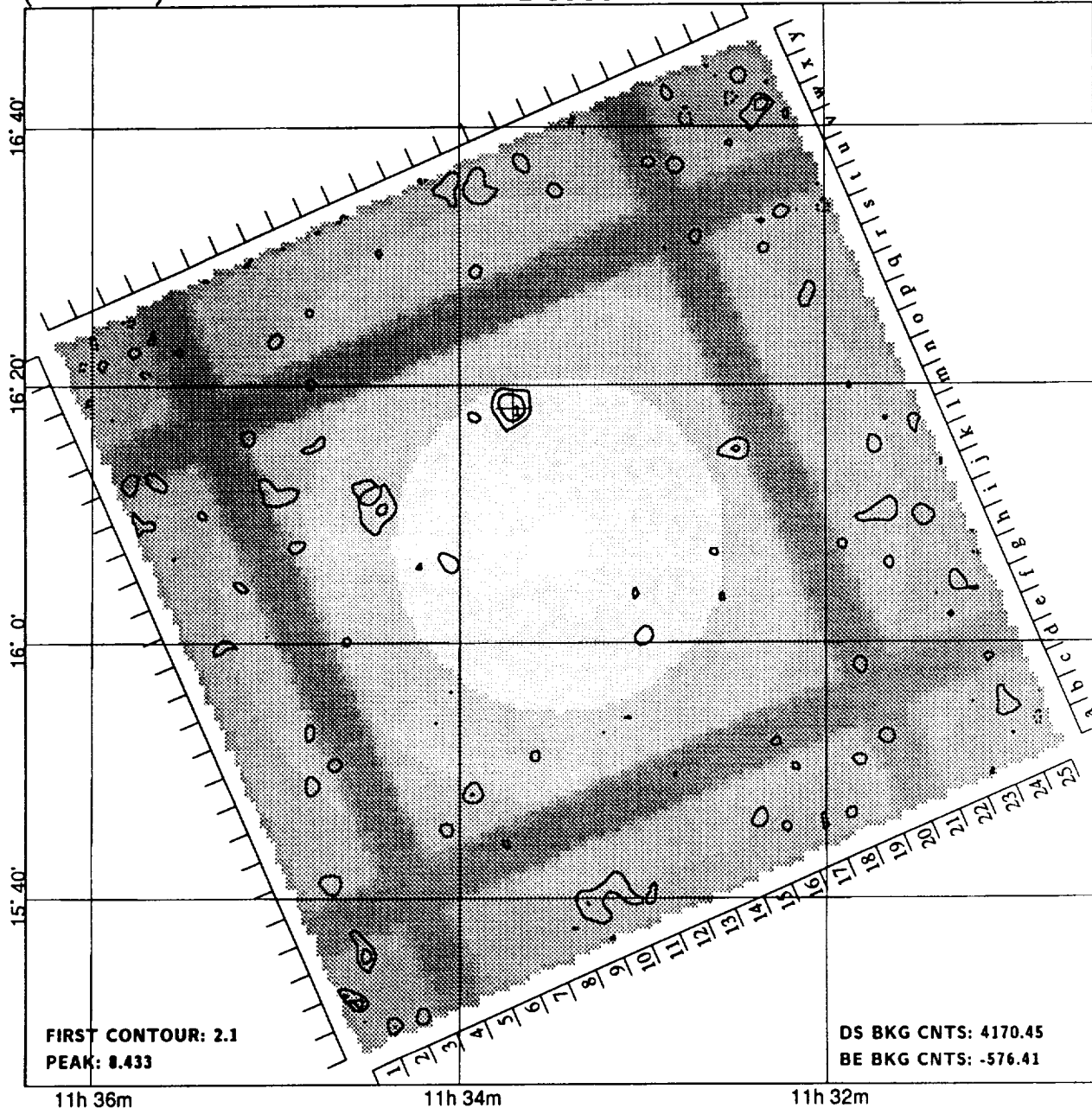
NH: 1.7E+20
 REF/ID:
 FIELD FLAGS: D

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
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: $11^{\text{h}}33^{\text{m}}27.0^{\text{s}}$ $16^{\circ}07'33''$ (B1950)
 $11^{\text{h}}36^{\text{m}}02.8^{\text{s}}$ $15^{\circ}50'57''$ (J2000)
 $l: 241.90$ $b: 69.19$

DATE: 1980/345 - 1980/346
 LIVETIME: 3379.4s
 ROLL ANGLE: -113.6°

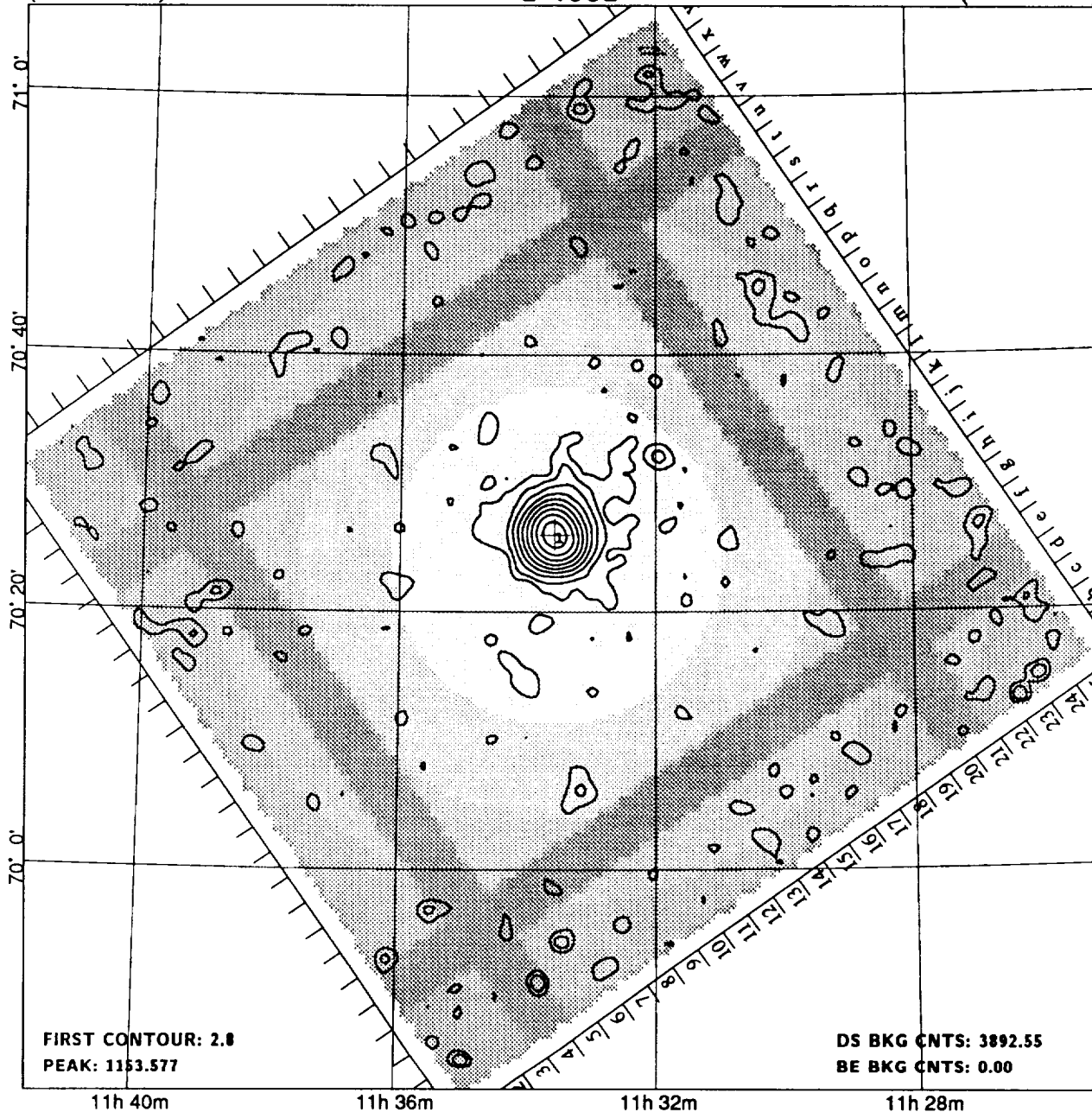
NH: $2.7\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(11h 33m)

I 4601

(11h 33m)



MKN 180: S-TYPE MARKARIAN GALAXY

FIELD CENTER: $11^h 33^m 30.0^s$ $70^\circ 24' 59''$ (B1950)
 $11^h 36^m 24.0^s$ $70^\circ 08' 23''$ (J2000)
 $l: 131.92$ $b: 45.66$

DATE: 1979/317 - 1979/317
 LIVETIME: 3154.2s
 ROLL ANGLE: -125.1°

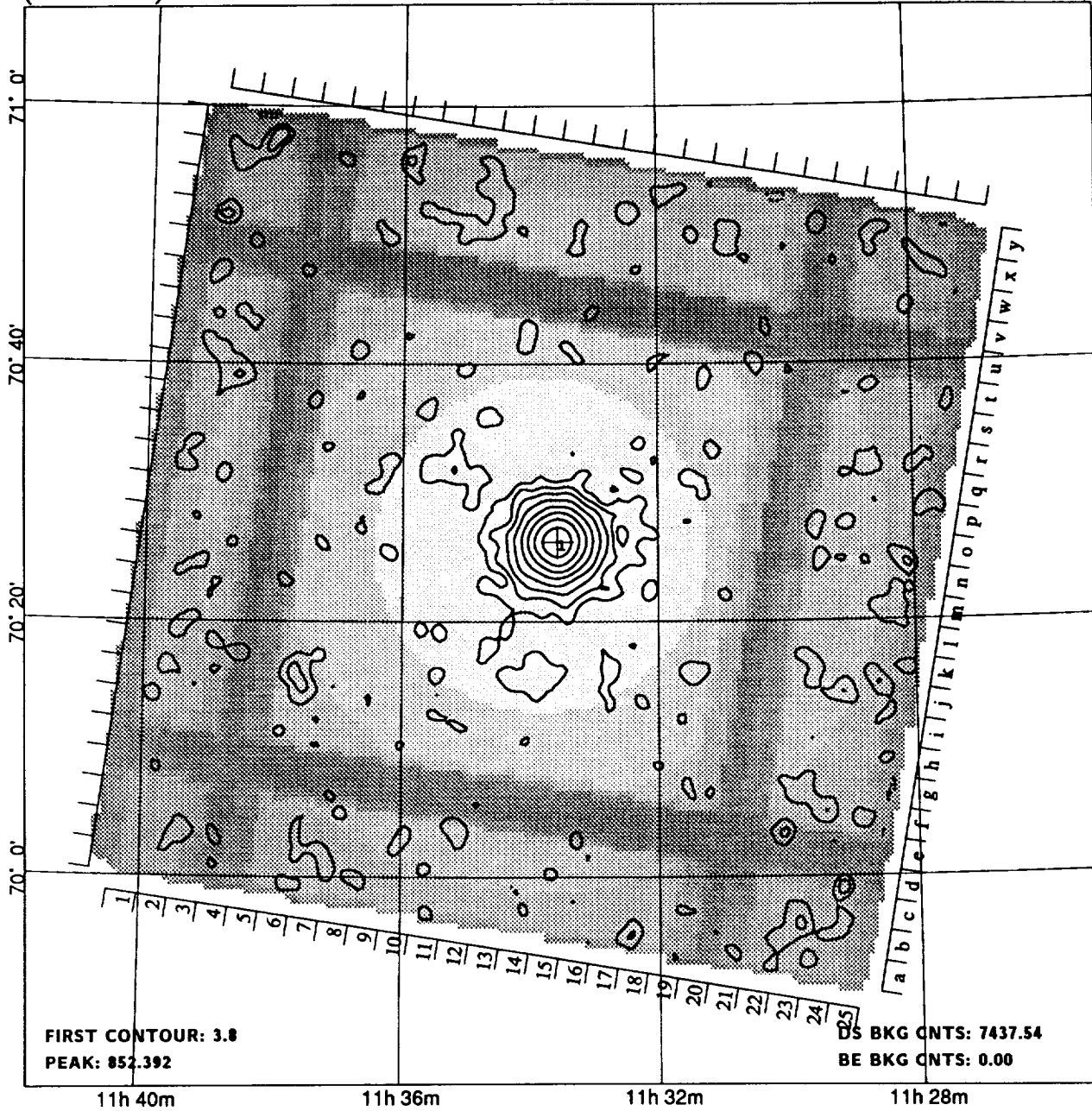
NH: $1.4E+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $11^{\text{h}}33^{\text{m}}32.7^{\text{s}}$ $70^{\circ}25'59''$ (B1950)
 $11^{\text{h}}36^{\text{m}}26.7^{\text{s}}$ $70^{\circ}09'23''$ (J2000)
 $l: 131.91$ $b: 45.64$

DATE: 1980/363 - 1980/363
 LIVETIME: 6026.8s
 ROLL ANGLE: -80.9°

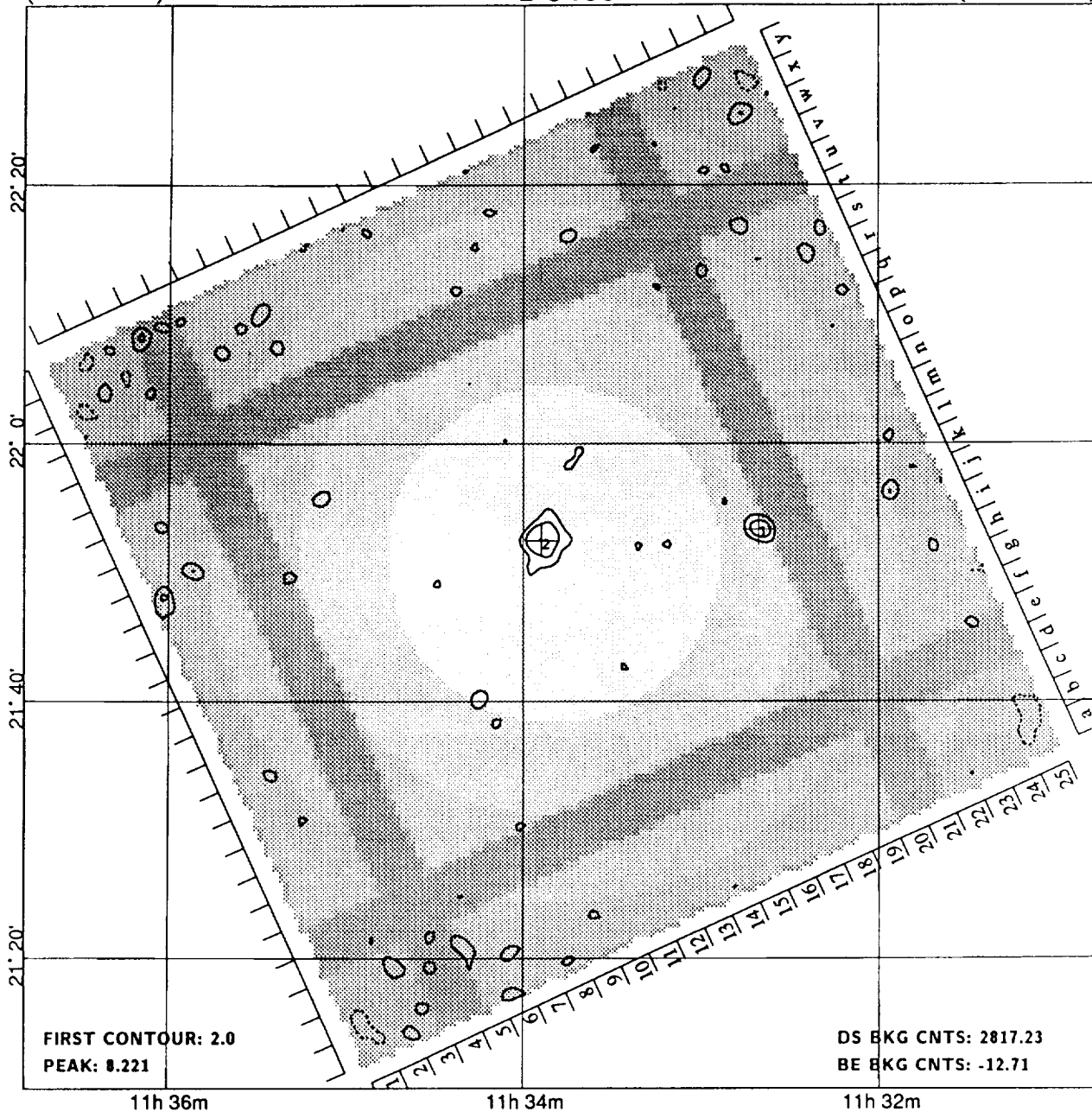
NH: $1.4\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
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: $11^{\text{h}}33^{\text{m}}48.0^{\text{s}}$ $21^{\circ}51'59''$ (B1950)
 $11^{\text{h}}36^{\text{m}}24.6^{\text{s}}$ $21^{\circ}35'23''$ (J2000)
 $l: 226.83$ $b: 72.06$

DATE: 1979/341 - 1979/341
 LIVETIME: 2282.9s
 ROLL ANGLE: -114.5°

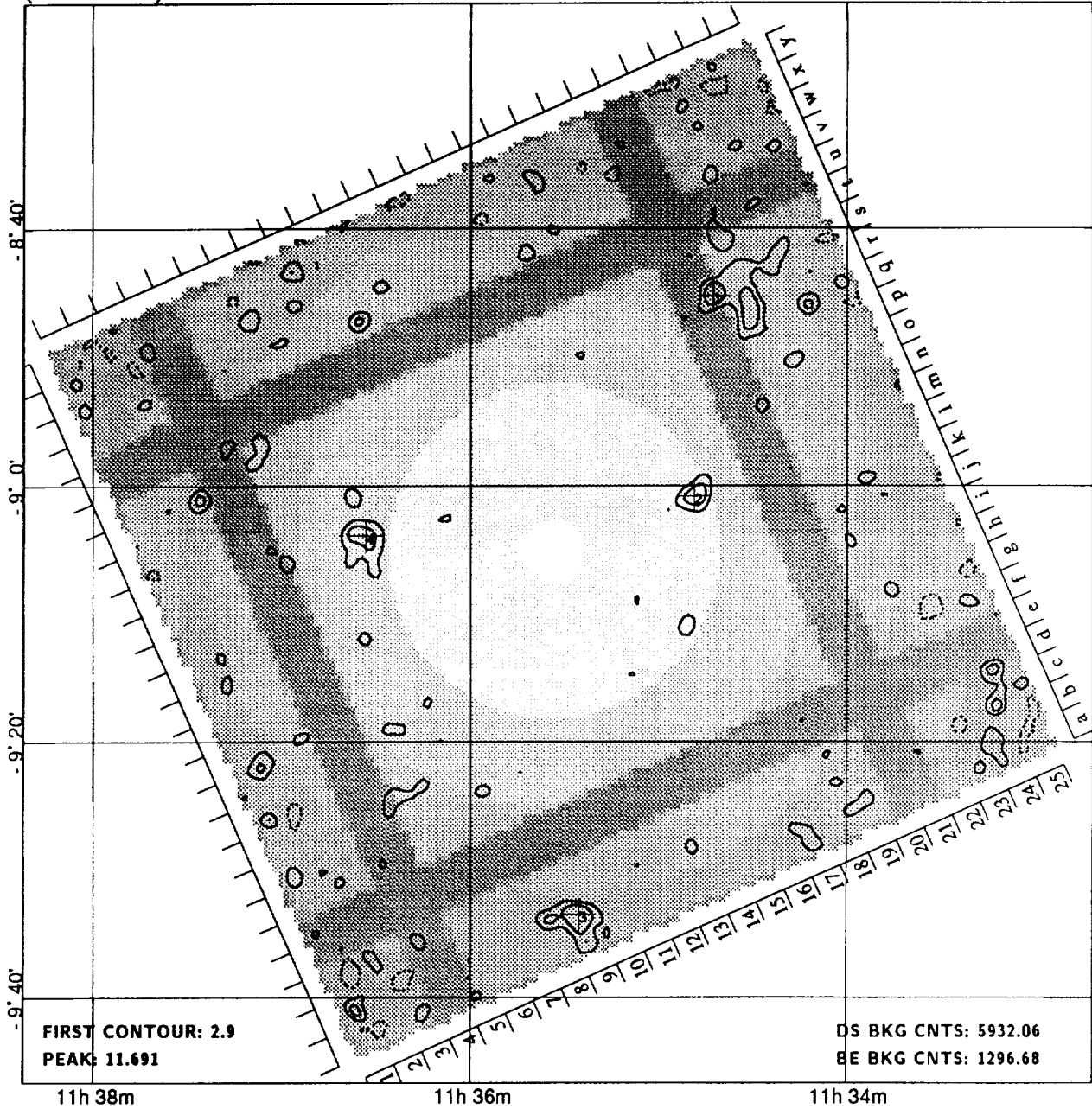
NH: $1.8\text{E}+20$
 REF/ID:
 FIELD FLAGS:

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)



FIRST CONTOUR: 2.9
PEAK: 11.691

DS BKG CNTS: 5932.06
BE BKG CNTS: 1296.68

11h 38m

11h 36m

11h 34m

DISTANCE 4 ABELL CLUSTERS: ABELL 1332

FIELD CENTER: $11^{\text{h}}35^{\text{m}}32.0^{\text{s}}$ $-09^{\circ}04'30''$ (B1950)
 $11^{\text{h}}38^{\text{m}}04.6^{\text{s}}$ $-09^{\circ}21'08''$ (J2000)
 $l: 274.43$ $b: 49.42$

DATE: 1980/354 - 1980/354
LIVETIME: 4807.0s
ROLL ANGLE: -113.9°

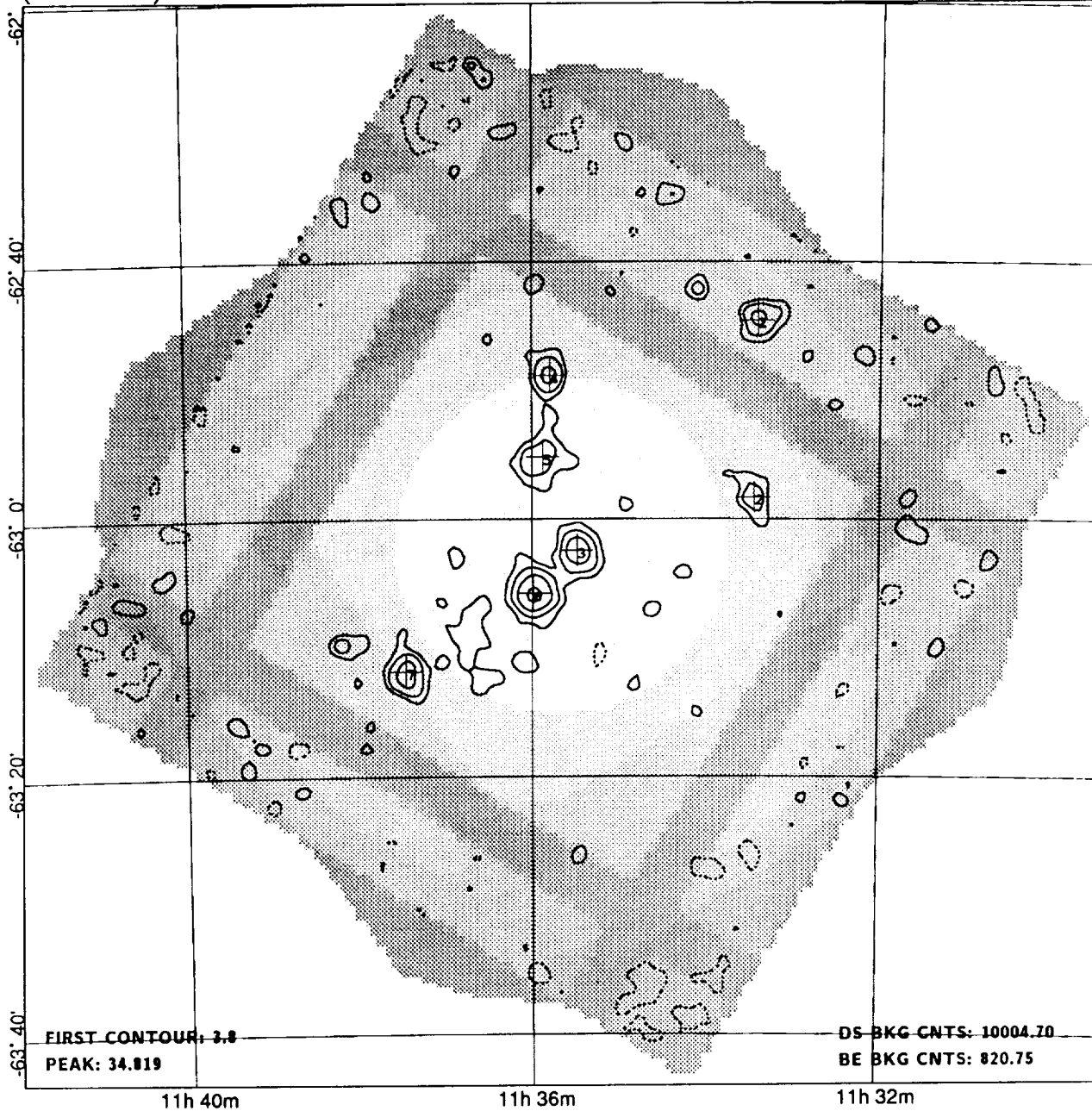
NH: $3.3\text{E}+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $11^{\text{h}}35^{\text{m}}42.0^{\text{s}}$ $-63^{\circ}01'59''$ (B1950)
 $11^{\text{h}}38^{\text{m}}02.4^{\text{s}}$ $-63^{\circ}18'36''$ (J2000)
 $l: 294.80$ $b: -1.60$

DATE: 1979/194 - 1980/ 39
 LIVETIME: 8107.1s

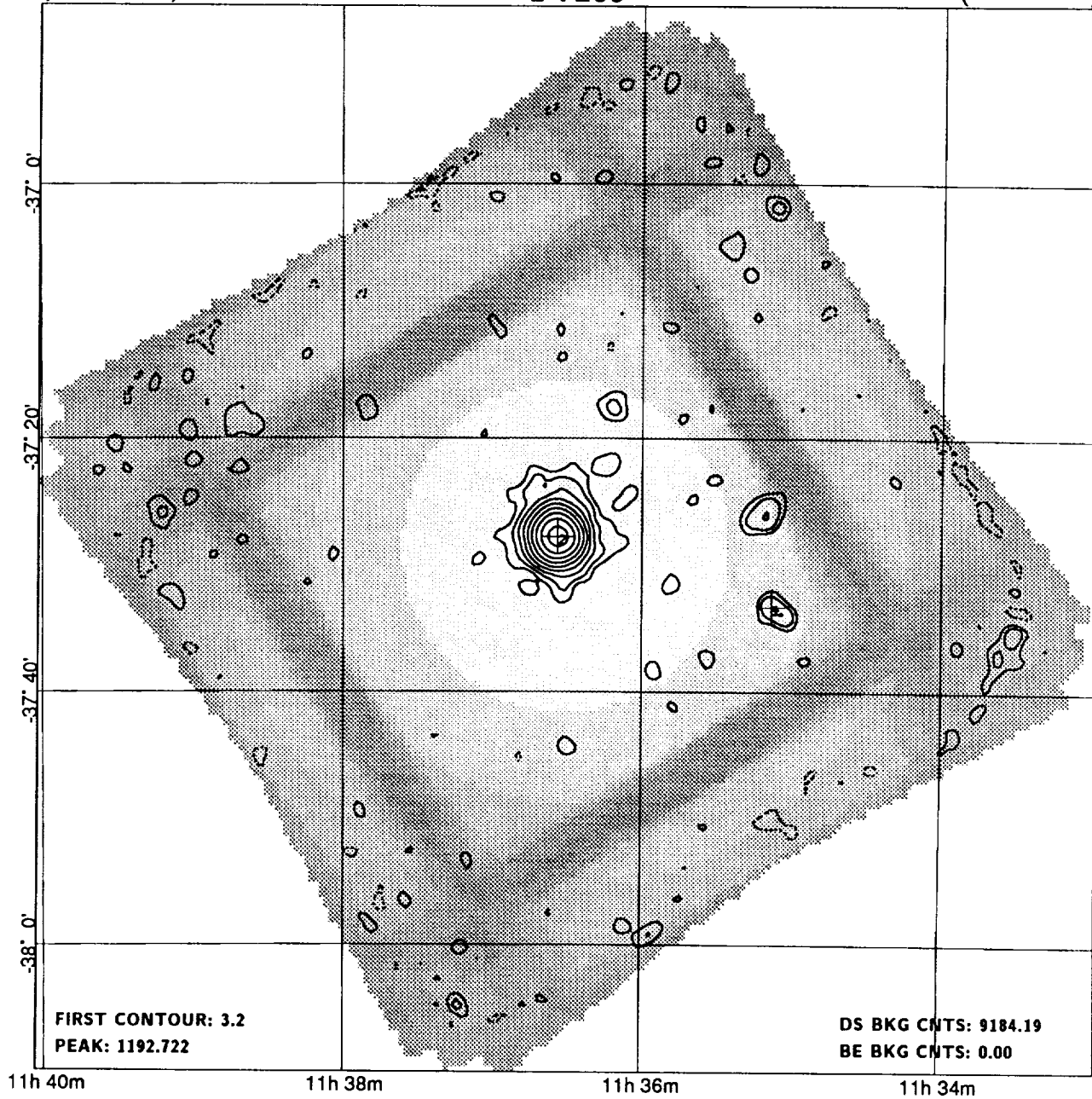
NH: $1.4\text{E}+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

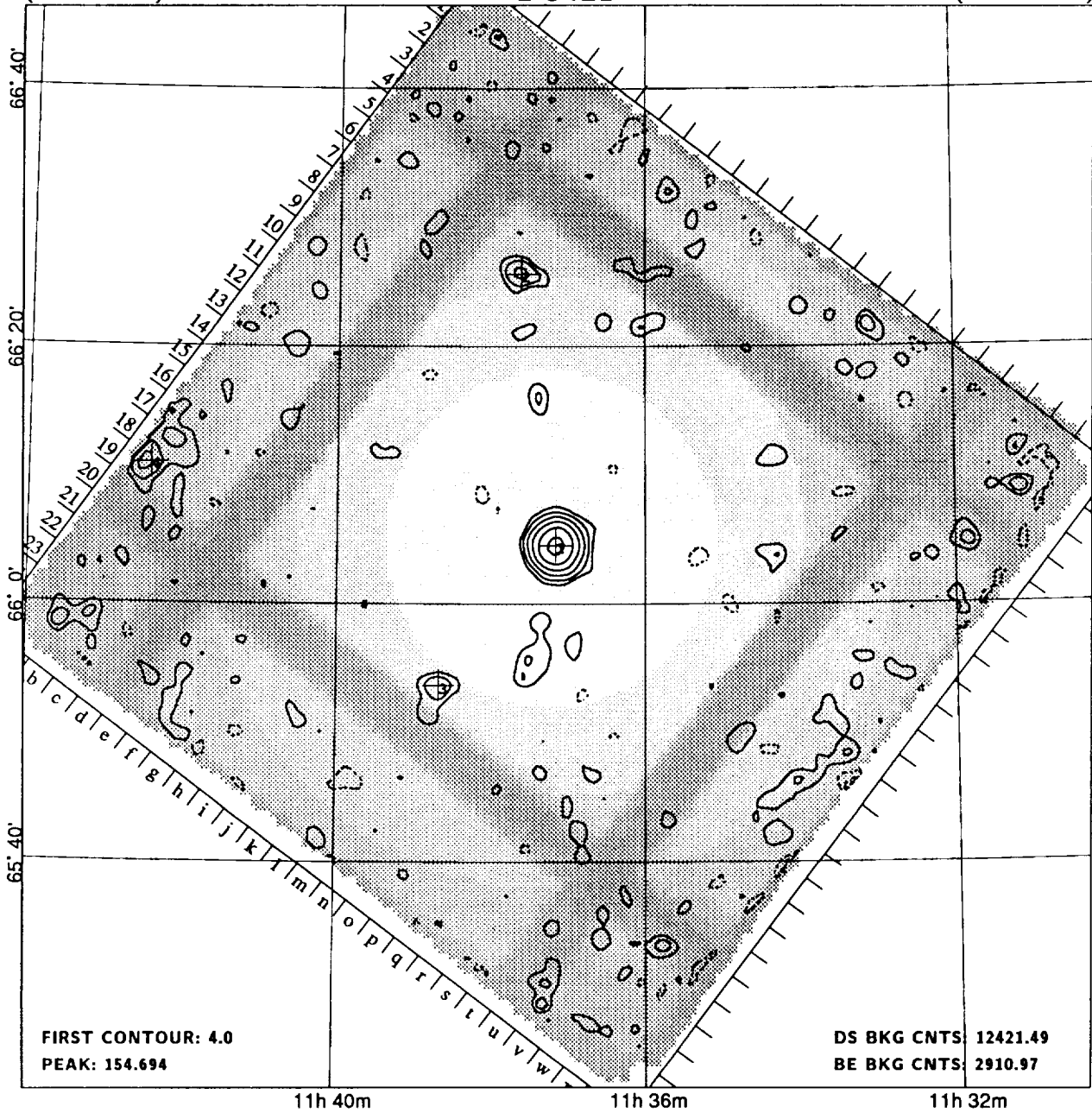
NH: 9.3E+20
REF/ID:
FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE ±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
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		

(11h 37m)

I 5421

(11h 37m)



3CR263, LONG OBS. OF HIGH COUNT QUASARS

FIELD CENTER: $11^{\text{h}}37^{\text{m}}09.3^{\text{s}}$ $66^{\circ}04'26''$ (B1950)
 $11^{\text{h}}39^{\text{m}}57.0^{\text{s}}$ $65^{\circ}47'49''$ (J2000)
 $l: 134.16$ $b: 49.74$

DATE: 1980/111 - 1980/113
 LIVETIME: 10427.1s
 ROLL ANGLE: 37.0°

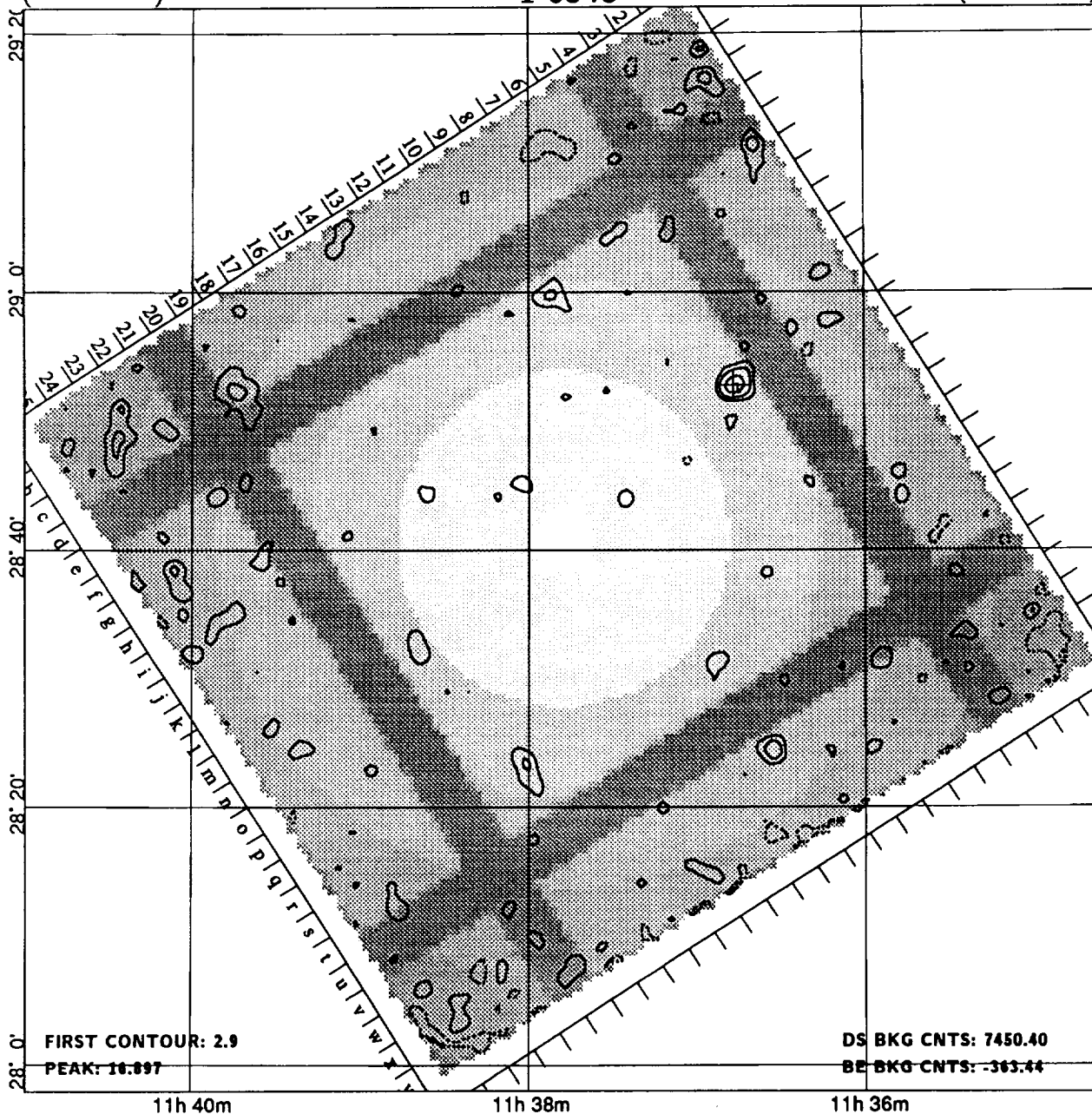
NH: $1.0\text{E}+20$
 REF/ID: !
 FIELD FLAGS: C

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID	ID FLG
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	

(11h 37m)

I 6348

(11h 37m)



A 1137+28,EMISSION LINE GALAXY SURVEY

FIELD CENTER: $11^{\text{h}}37^{\text{m}}48.0^{\text{s}}$ $28^{\circ}39'59''$ (B1950)
 $11^{\text{h}}40^{\text{m}}25.0^{\text{s}}$ $28^{\circ}23'21''$ (J2000)
 $l: 204.22$ $b: 74.25$

DATE: 1980/138 - 1980/138
 LIVETIME: 6037.3s
 ROLL ANGLE: 57.5°

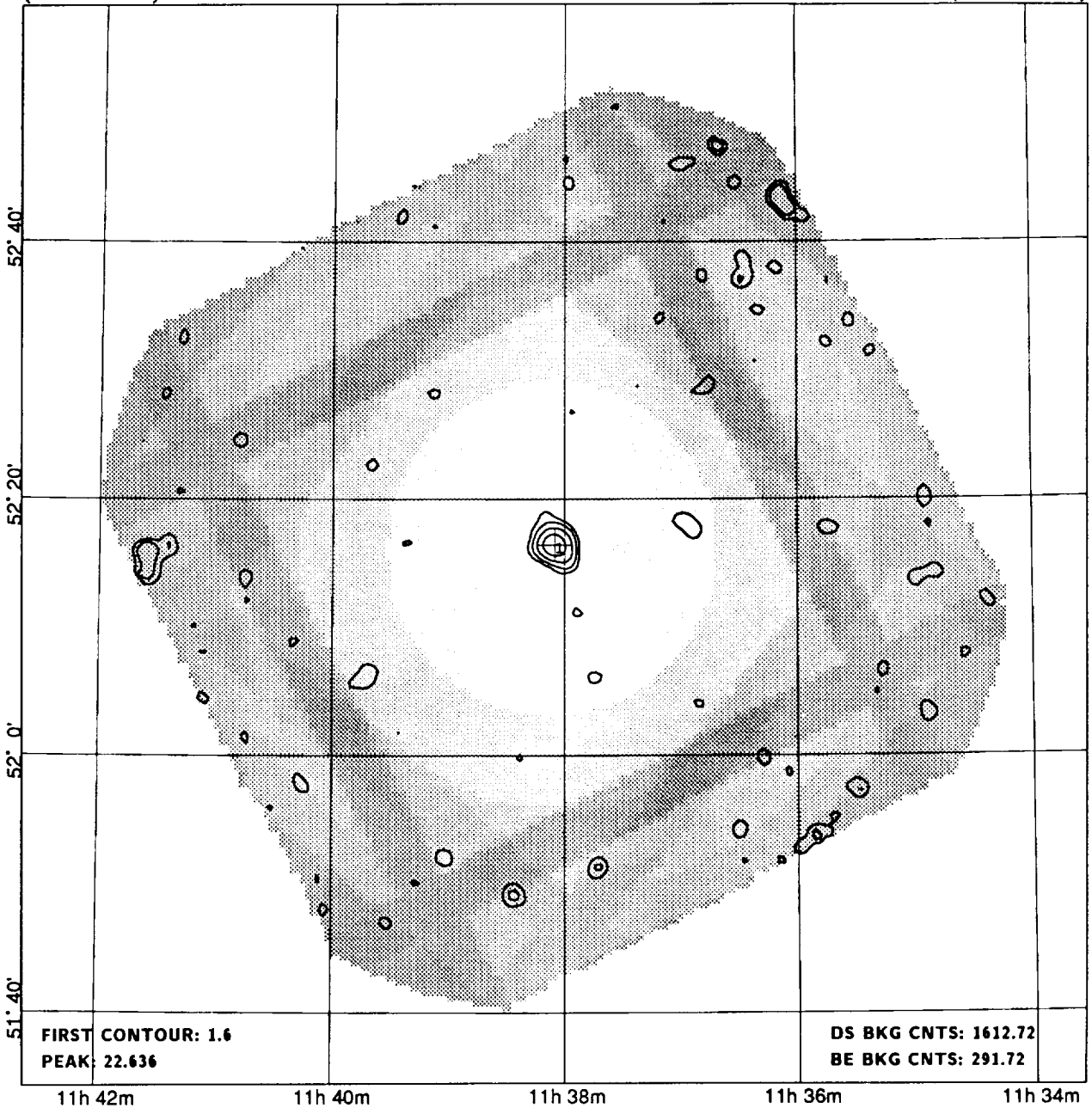
NH: $1.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $11^{\text{h}}38^{\text{m}}06.0^{\text{s}}$ $52^{\circ}16'29''$ (B1950)
 $11^{\text{h}}40^{\text{m}}47.4^{\text{s}}$ $51^{\circ}59'51''$ (J2000)
 $l: 146.23$ $b: 61.82$

DATE: 1979/316 - 1979/325
 LIVETIME: 1306.8s

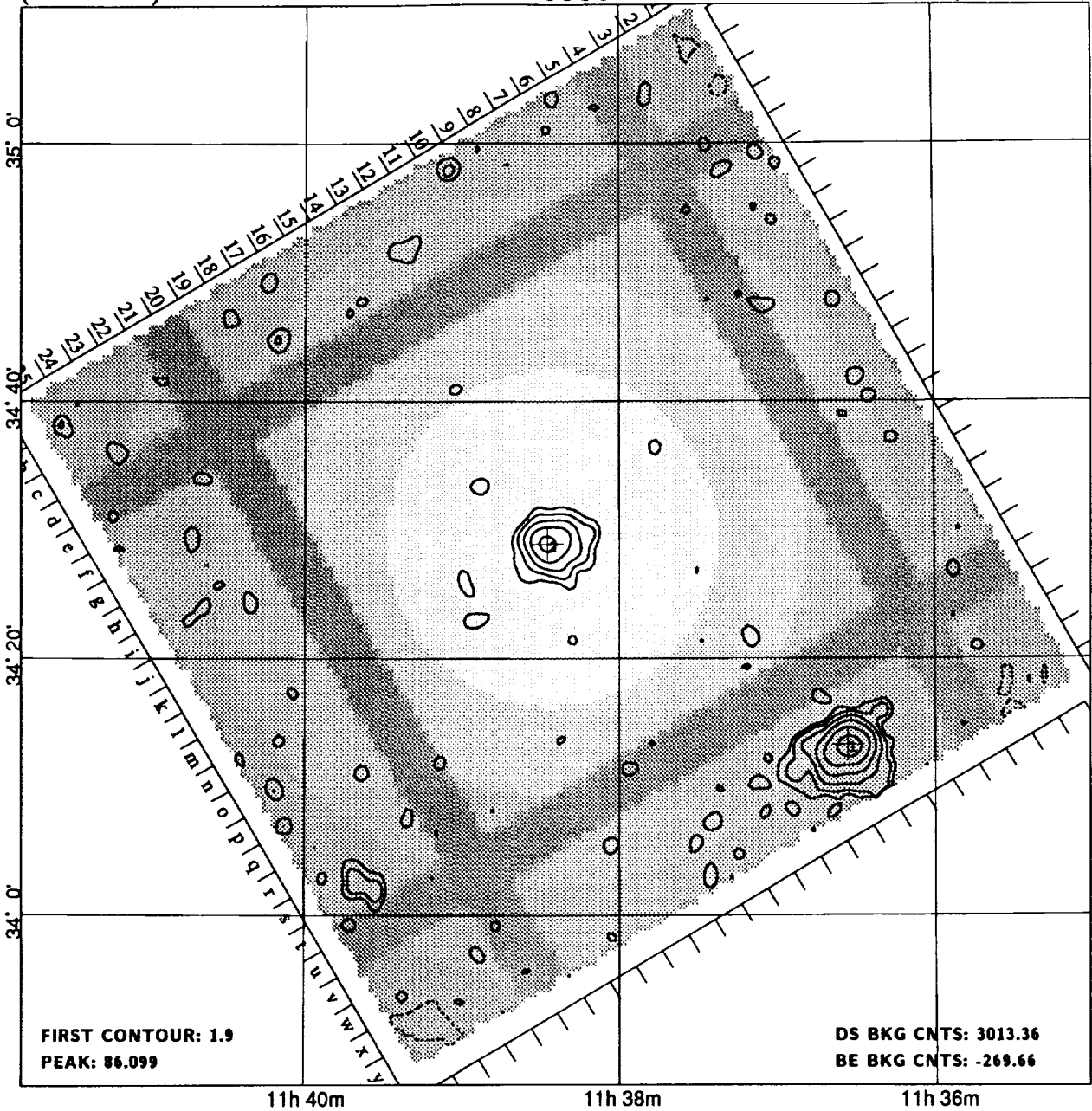
NH: 1.3E+20
 REF/ID:
 FIELD FLAGS:

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: $11^h 38^m 24.0^s$ $34^\circ 26' 47''$ (B1950)
 $11^h 41^m 01.8^s$ $34^\circ 12' 09''$ (J2000)
 $l: 183.55$ $b: 73.32$

DATE: 1979/145 - 1979/145
 LIVETIME: 2441.8s
 ROLL ANGLE: 59.7°

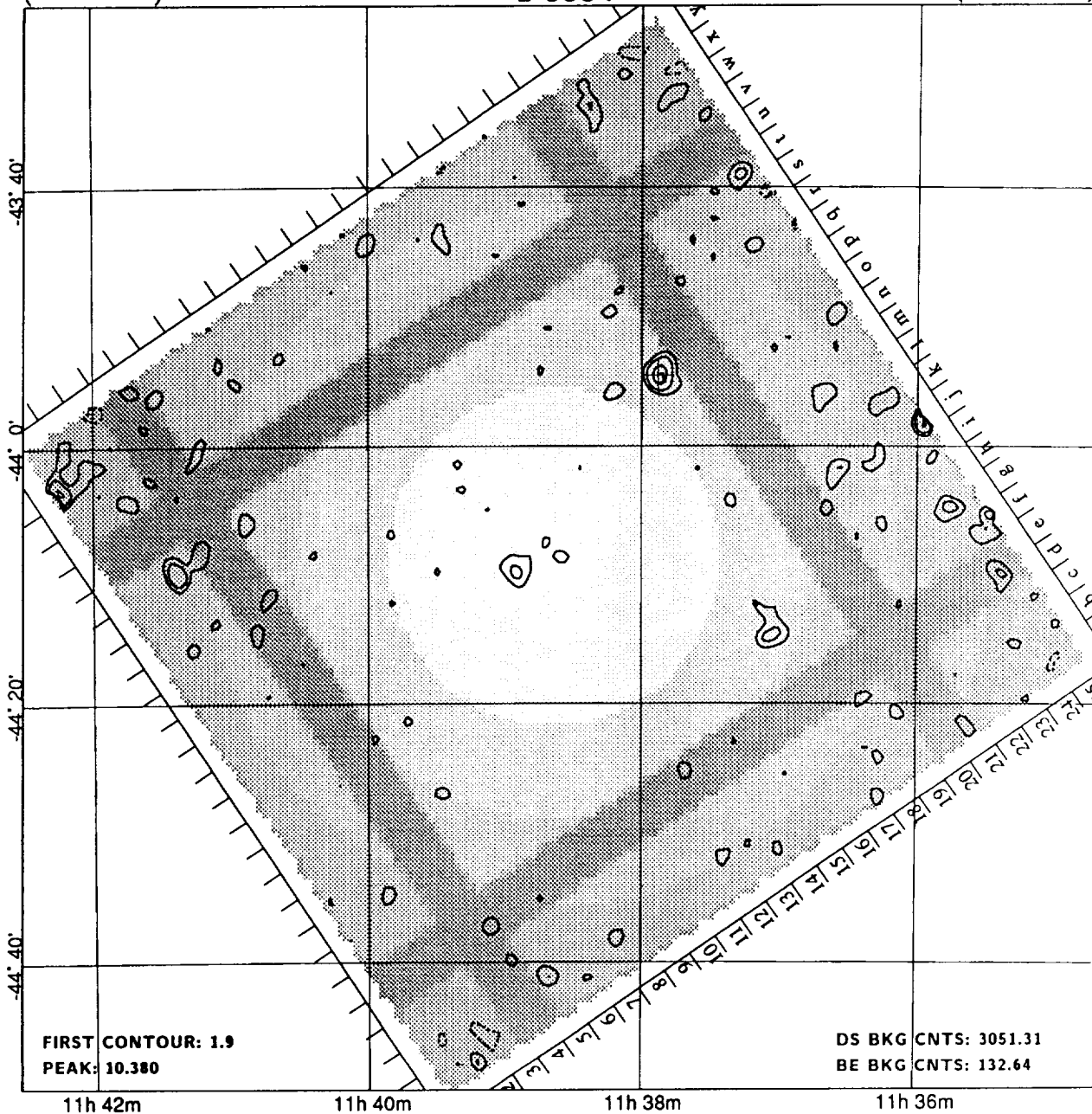
NH: $1.9E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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)



FIRST CONTOUR: 1.9
PEAK: 10.380

DS BKG CNTS: 3051.31
BE BKG CNTS: 132.64

11h 42m

11h 40m

11h 38m

11h 36m

HD 101581

FIELD CENTER: $11^h 38^m 37.0^s$ $-44^\circ 07' 59''$ (B1950)
 $11^h 41^m 05.0^s$ $-44^\circ 24' 38''$ (J2000)
 $l: 289.91$ $b: 16.67$

DATE: 1980/ 10 - 1980/ 10
 LIVETIME: 2472.6s
 ROLL ANGLE: -124.0°

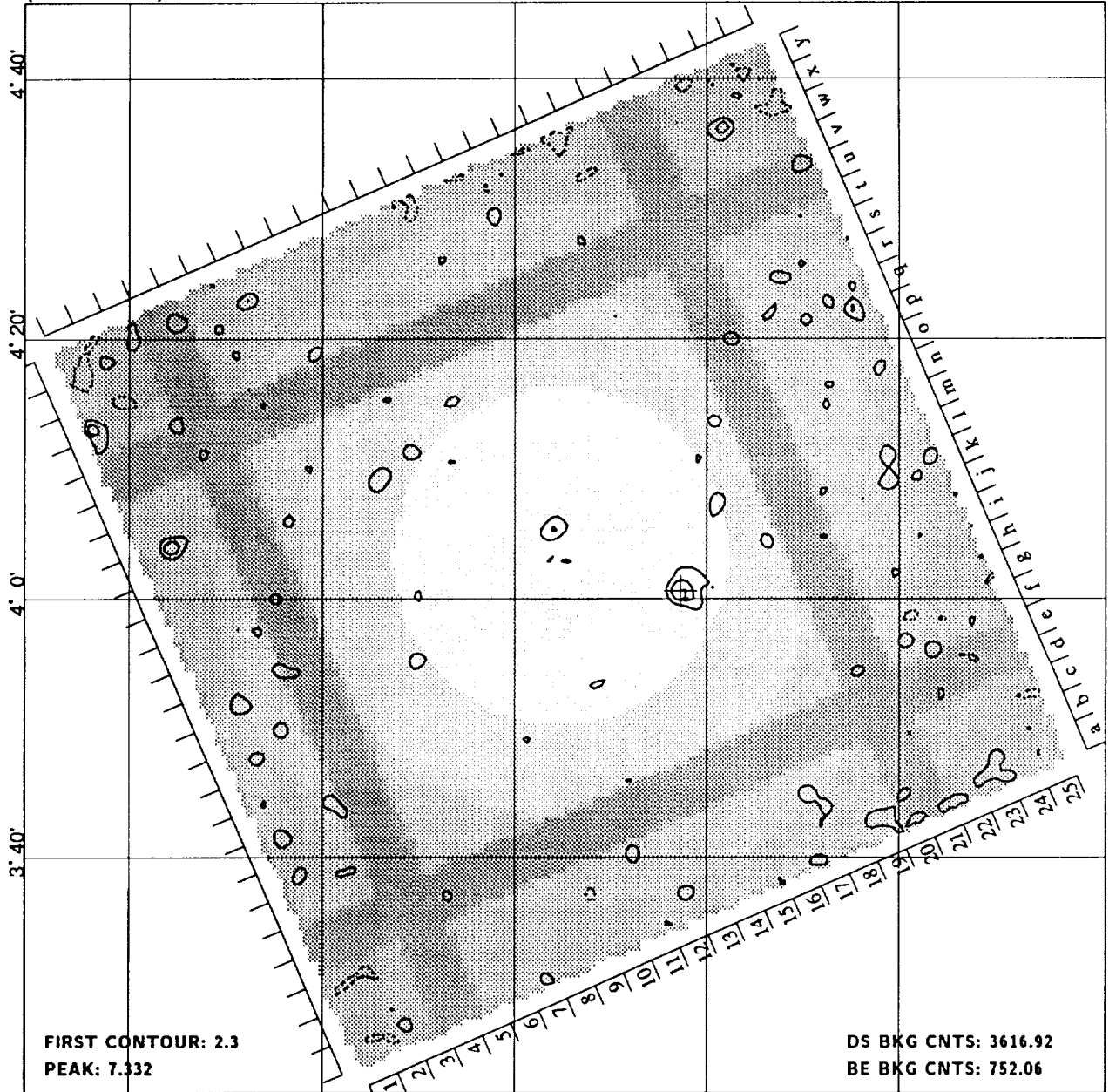
NH: $9.2E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(11h 38m)

I 5356

(11h 38m)



SURVEY OF BRIGHT QUASARS (PG)

FIELD CENTER: $11^{\text{h}}38^{\text{m}}44.0^{\text{s}}$ $04^{\circ}03'53''$ (B1950)
 $11^{\text{h}}41^{\text{m}}18.1^{\text{s}}$ $03^{\circ}47'15''$ (J2000)
 $l: 264.22$ $b: 61.27$

DATE: 1980/348 - 1980/349
 LIVETIME: 2930.9s
 ROLL ANGLE: -113.5°

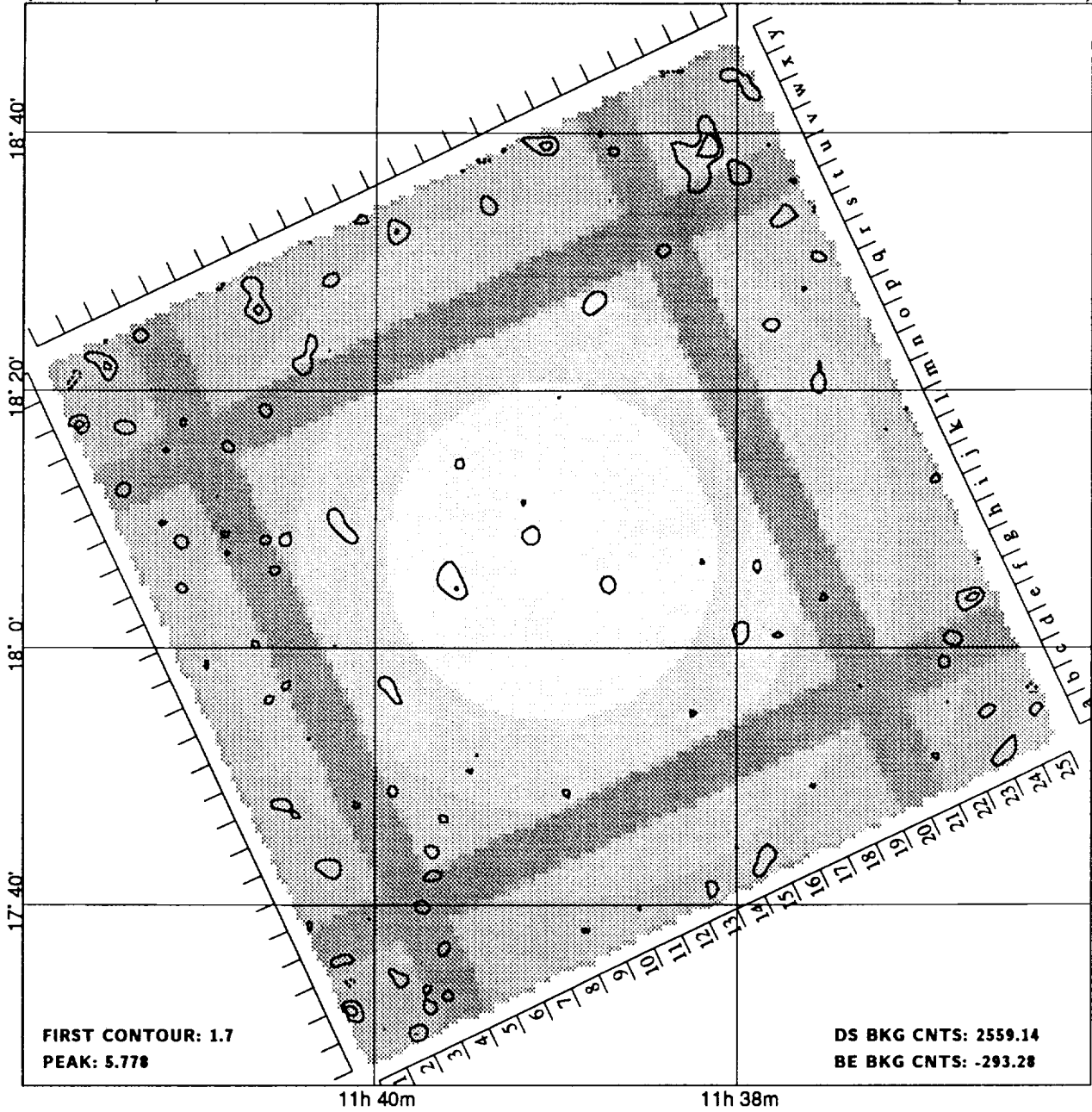
NH: $2.1\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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)



FIRST CONTOUR: 1.7
PEAK: 5.778

DS BKG CNTS: 2559.14
BE BKG CNTS: -293.28

TG39A, SURVEY OF GROUPS OF GALAXIES

FIELD CENTER: $11^{\text{h}}39^{\text{m}}00.0^{\text{s}}$ $18^{\circ}07'59''$ (B1950)
 $11^{\text{h}}41^{\text{m}}35.6^{\text{s}}$ $17^{\circ}51'21''$ (J2000)
 $l: 239.23$ $b: 71.42$

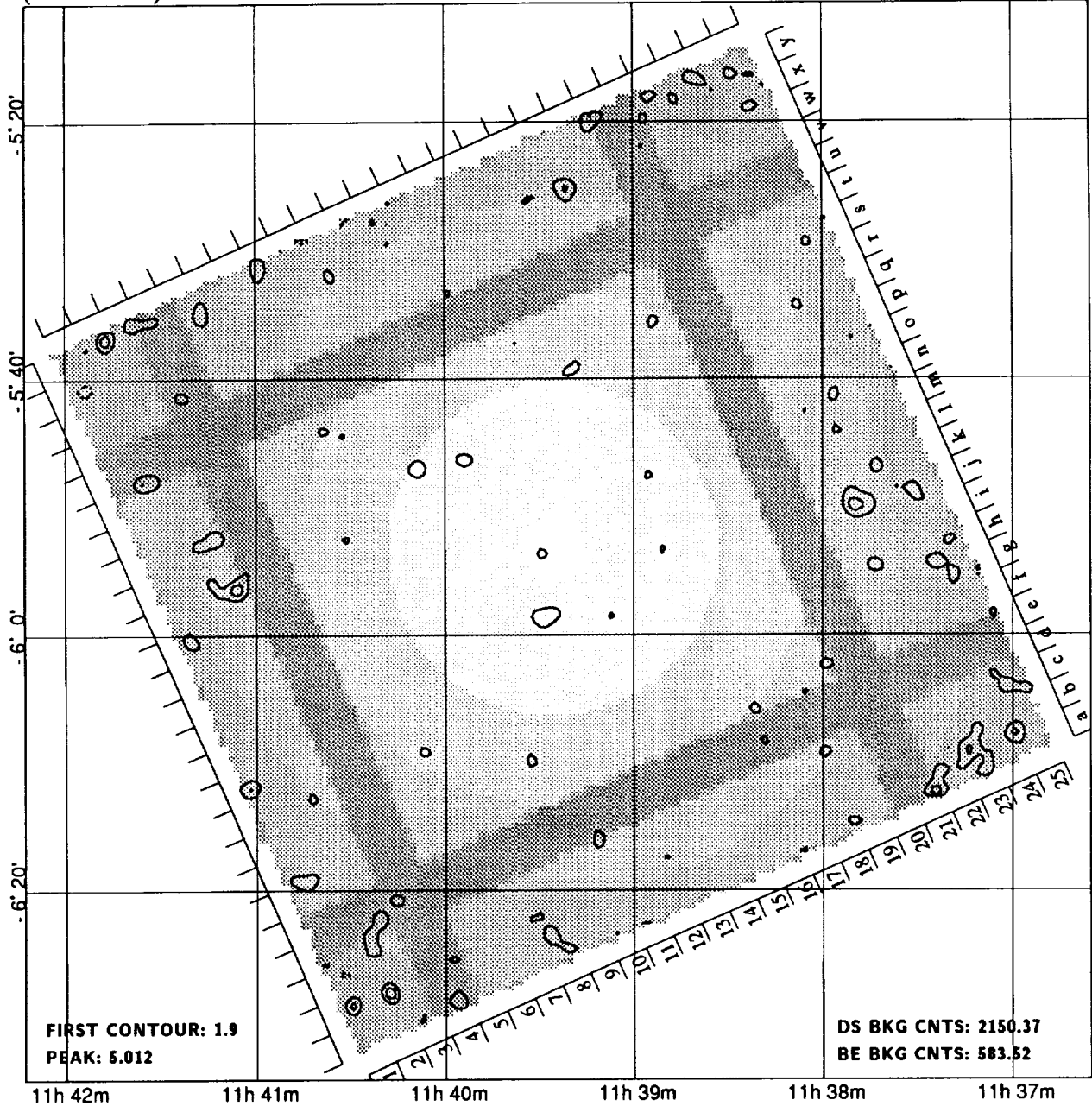
DATE: 1979/340 - 1979/340
LIVETIME: 2073.7s
ROLL ANGLE: -115.3°

NH: $2.1\text{E}+20$
REF/ID:
FIELD FLAGS:

(11h 39m)

I 5799

(11h 39m)



FIELD CENTER: $11^{\text{h}}39^{\text{m}}24.0^{\text{s}}$ $-05^{\circ}52'41''$ (B1950)
 $11^{\text{h}}41^{\text{m}}57.1^{\text{s}}$ $-06^{\circ}09'20''$ (J2000)
 $l: 273.59$ $b: 52.71$

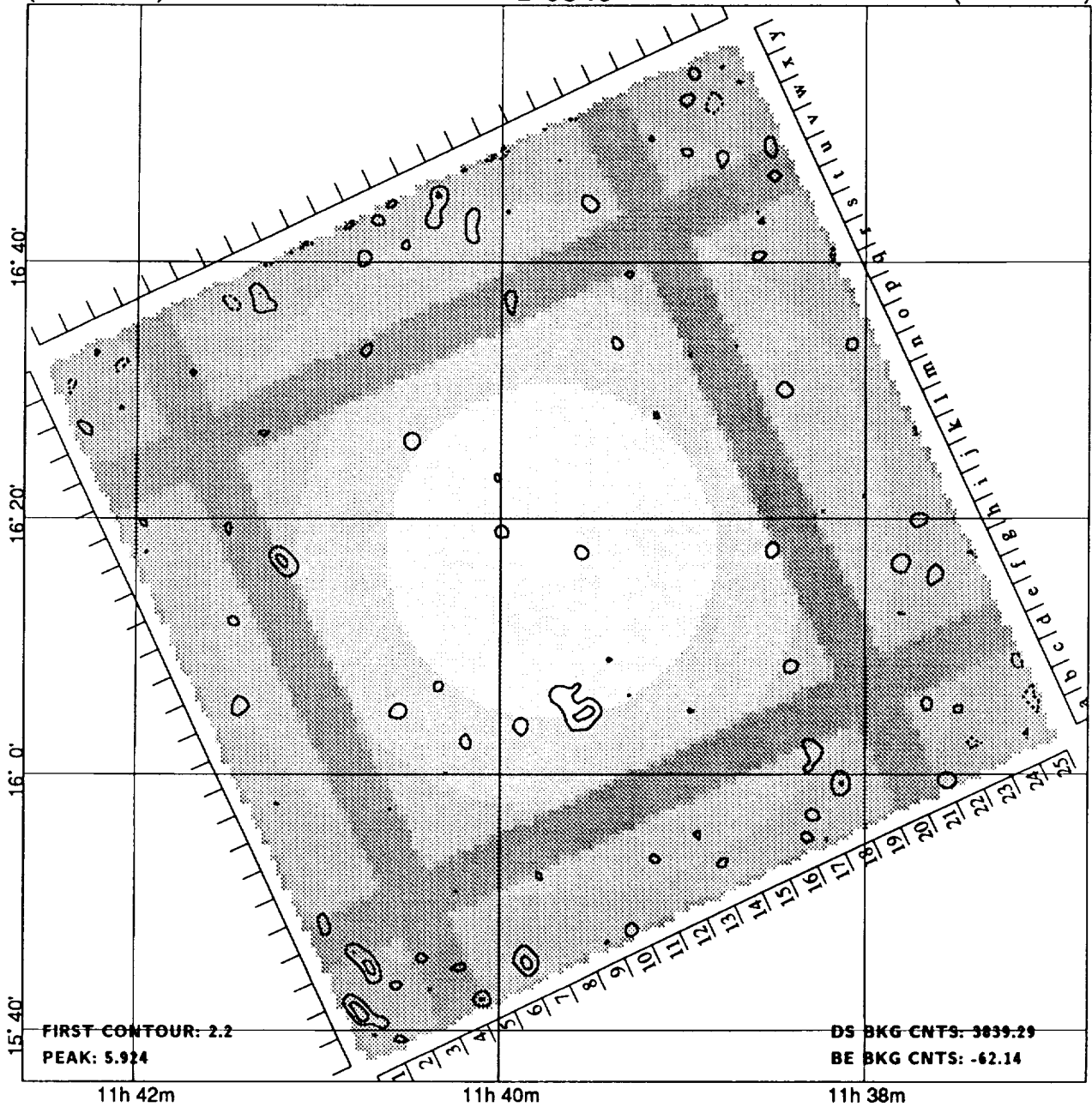
DATE: 1980/354 - 1980/354
LIVETIME: 1742.5s
ROLL ANGLE: -113.7°

NH: $3.5\text{E}+20$
REF/ID:
FIELD FLAGS:

(11h 39m)

I 6349

(11h 39m)



FIRST CONTOUR: 2.2
 PEAK: 5.924

DS BKG CNTS: 3839.29
 BE BKG CNTS: -62.14

11h 42m

11h 40m

11h 38m

A 1139+16, EMISSION LINE GALAXY SURVEY

FIELD CENTER: $11^h 39^m 42.0^s$ $16^\circ 17' 59''$ (B1950)
 $11^h 42^m 17.3^s$ $16^\circ 01' 21''$ (J2000)
 $l: 244.11$ $b: 70.50$

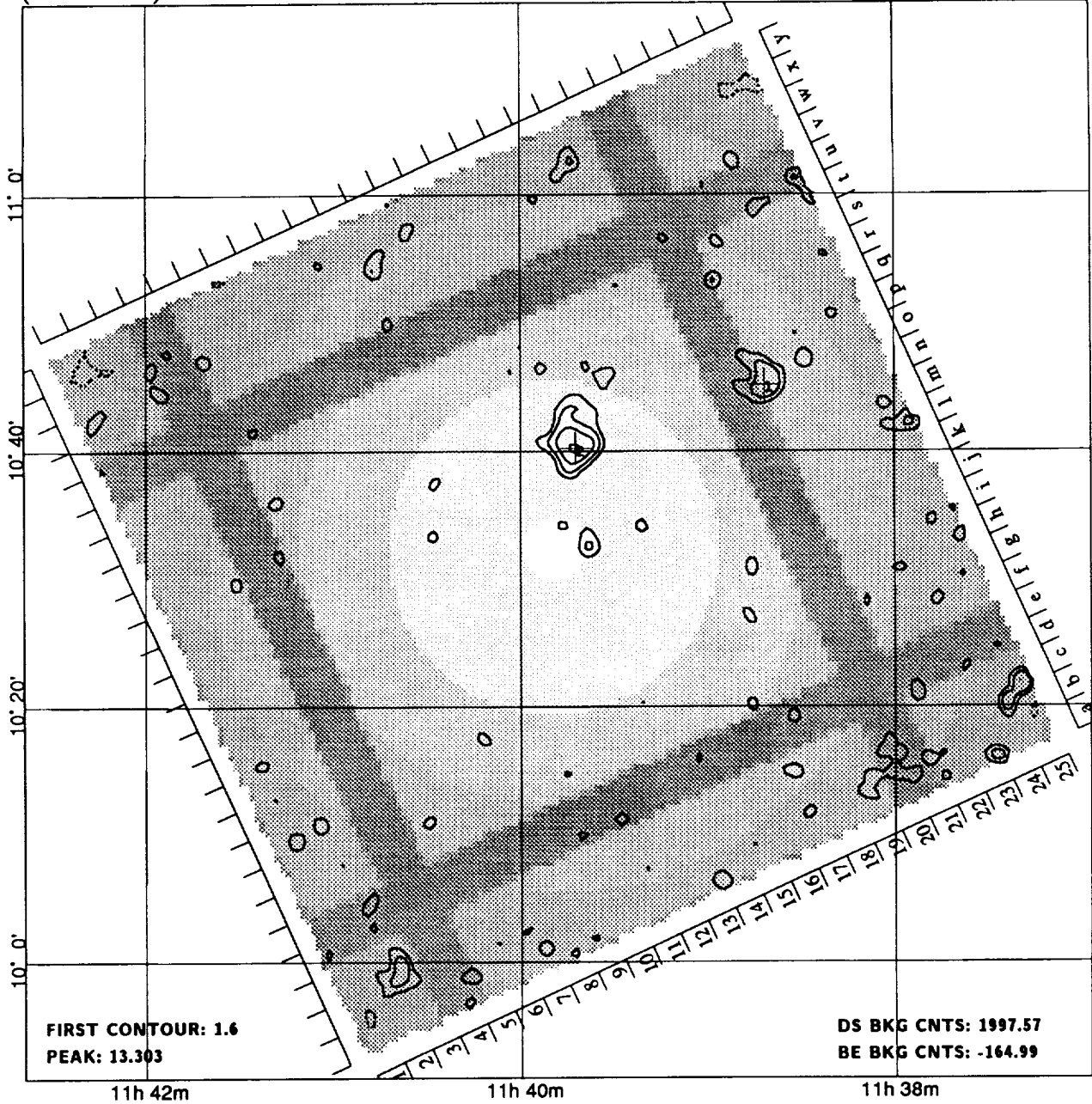
DATE: 1979/340 - 1979/340
 LIVETIME: 3111.1s
 ROLL ANGLE: -115.2°

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

(11h 39m)

I 6694

(11h 39m)



MKW 10: CD GALAXIES IN POOR CLUSTERS

FIELD CENTER: $11^{\text{h}}39^{\text{m}}48.0^{\text{s}}$ $10^{\circ}32'59''$ (B1950)
 $11^{\text{h}}42^{\text{m}}22.7^{\text{s}}$ $10^{\circ}16'21''$ (J2000)
 $l: 255.66$ $b: 66.58$

DATE: 1979/341 - 1979/341
 LIVETIME: 1618.7s
 ROLL ANGLE: -114.5°

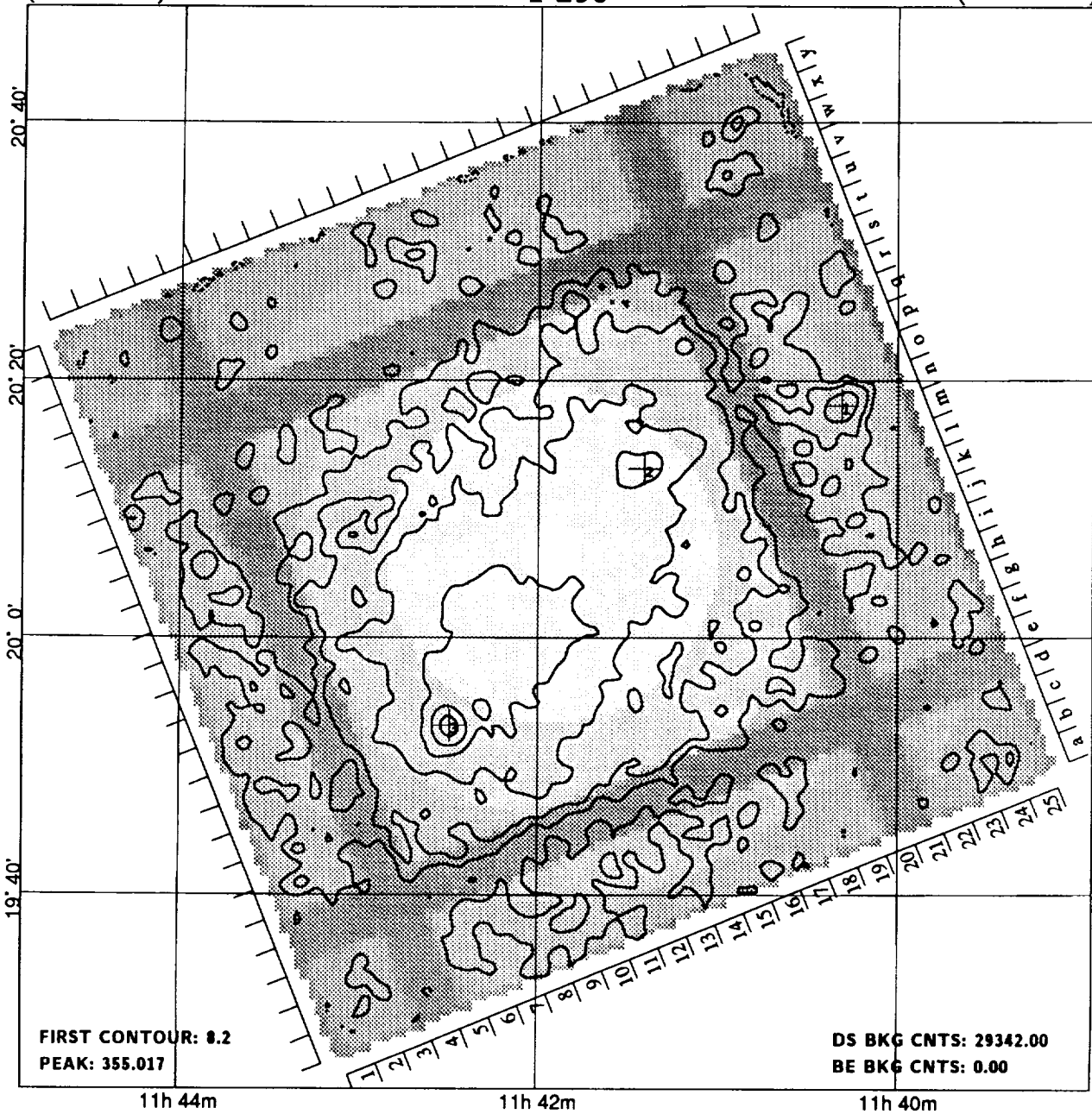
NH: $3.4\text{E}+20$
 REF/ID: !
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $11^h 41^m 54.0^s$ $20^\circ 06' 59''$ (B1950)
 $11^h 44^m 29.5^s$ $19^\circ 50' 20''$ (J2000)
 $l: 234.80$ $b: 73.03$

DATE: 1978/352 - 1979/353
 LIVETIME: 23776.7s
 ROLL ANGLE: -112.0°

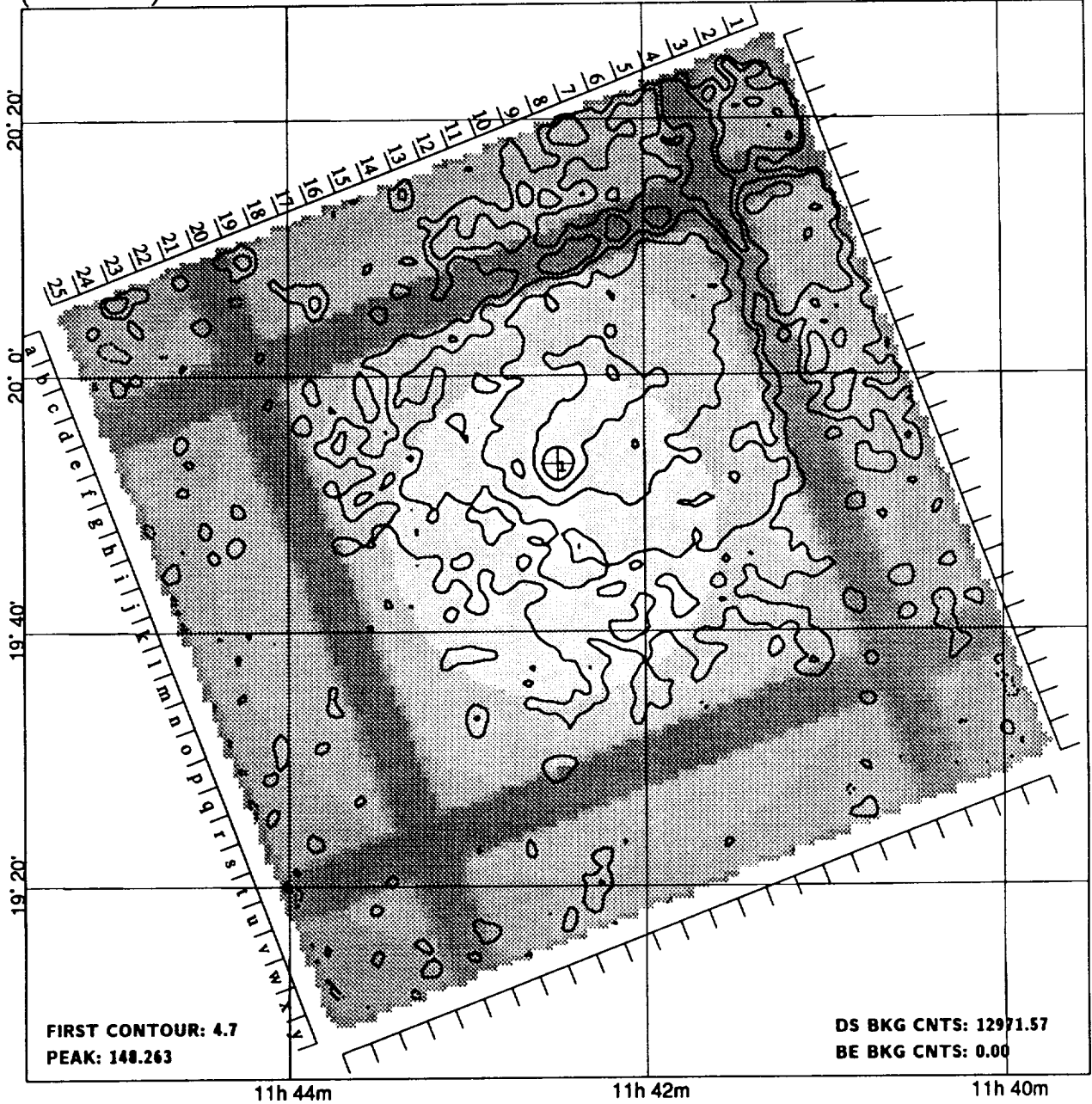
NH: $2.2E+20$
 REF/ID: CLG
 FIELD FLAGS: DL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(11h 42m)

I 6060

(11h 42m)



A1367, DETAILED STUDY OF CLUSTER EXTENTS

FIELD CENTER: $11^h 42^m 30.0^s$ $19^\circ 46' 59''$ (B1950)
 $11^h 45^m 05.4^s$ $19^\circ 30' 20''$ (J2000)
 $l: 236.03$ $b: 72.99$

DATE: 1980/173 - 1980/173
 LIVETIME: 10511.2s
 ROLL ANGLE: 69.0°

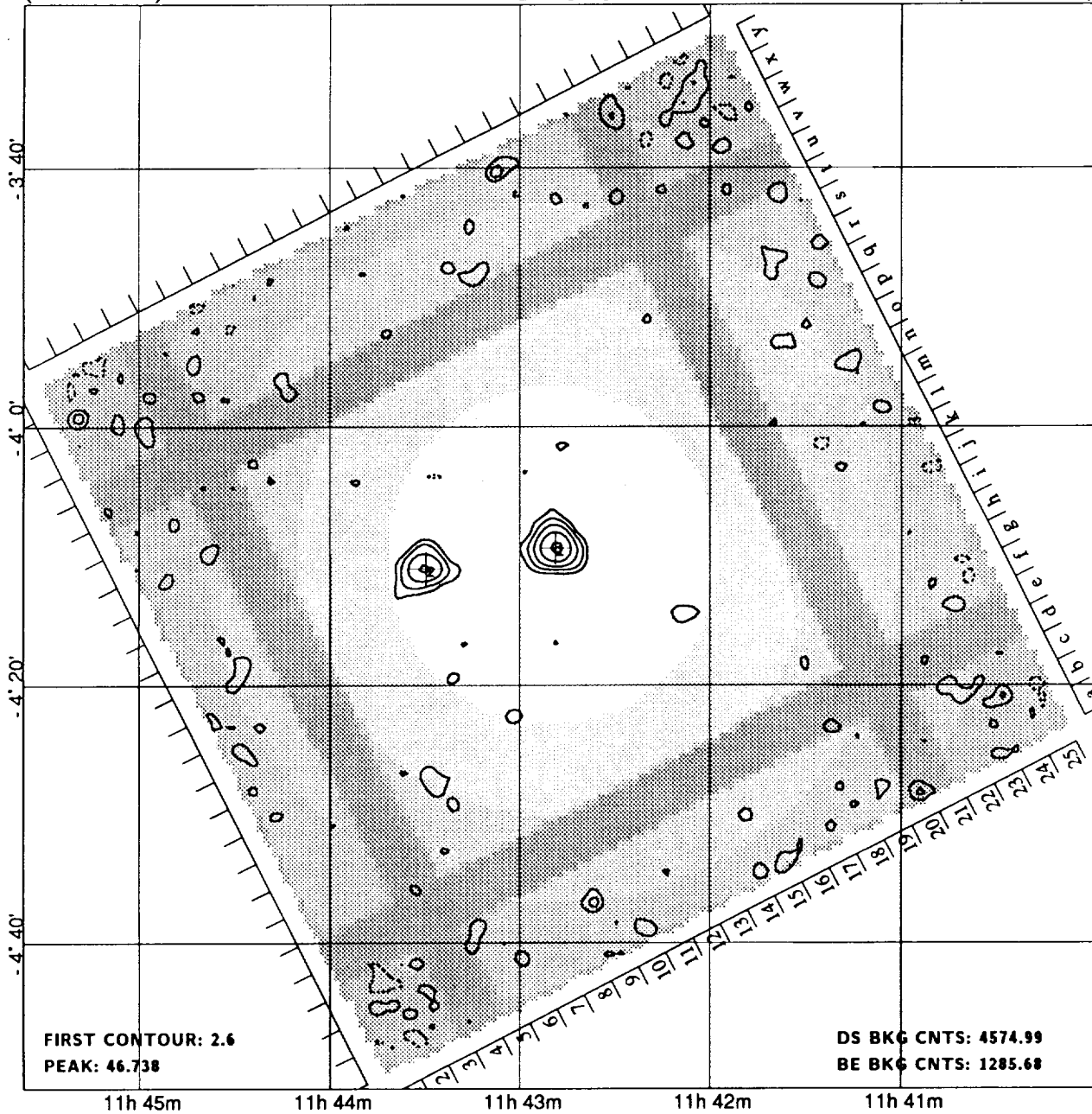
NH: $2.3E+20$
 REF/ID:
 FIELD FLAGS: DL

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $11^h 42^m 48.0^s -04^\circ 09' 17''$ (B1950)
 $11^h 45^m 21.4^s -04^\circ 25' 57''$ (J2000)
 $l: 273.60 \quad b: 54.63$

DATE: 1980/347 - 1980/348
 LIVETIME: 3707.3s
 ROLL ANGLE: -117.0°

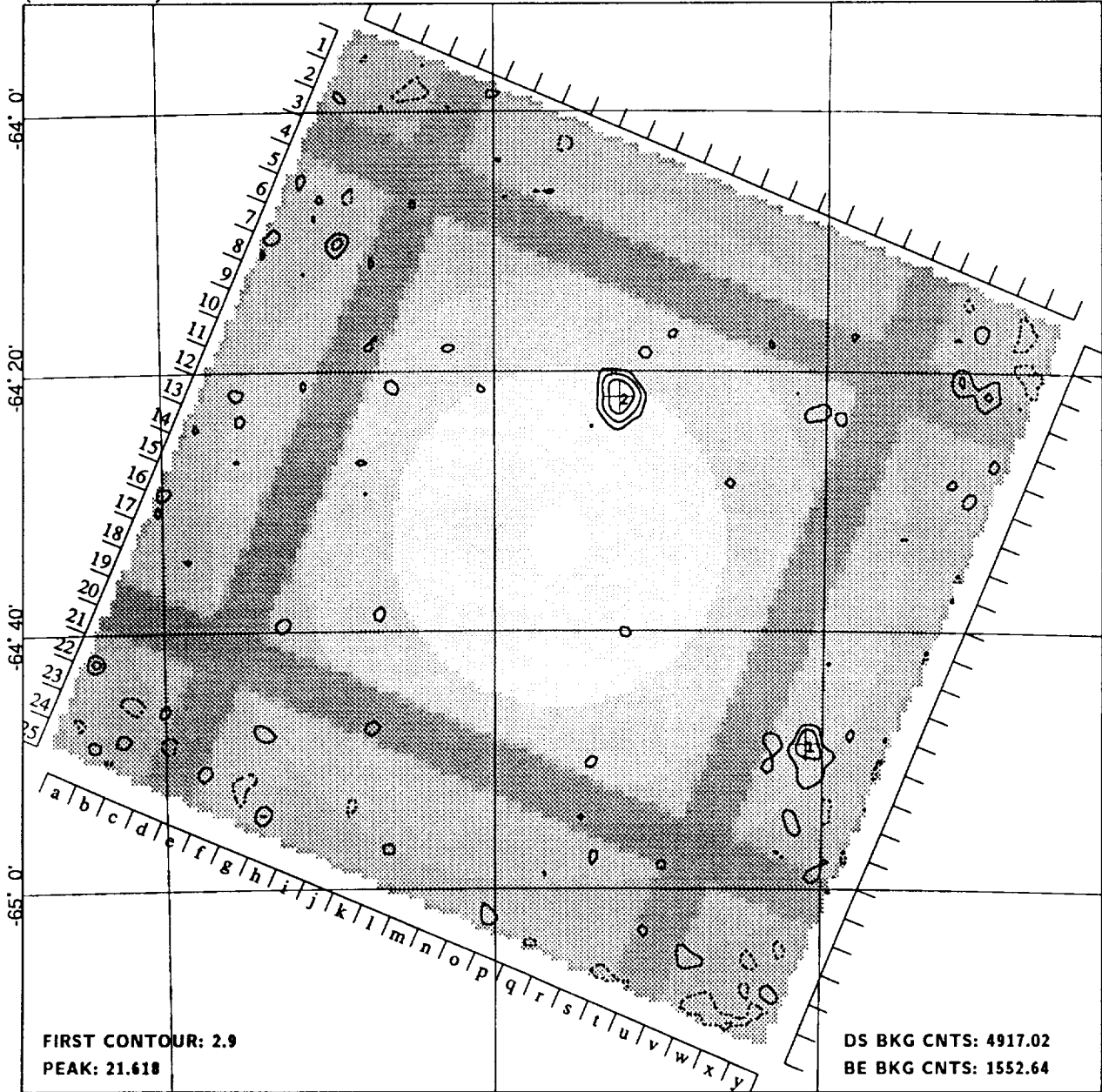
NH: $2.7E+20$
 REF/ID: CV
 FIELD FLAGS:

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: $11^{\text{h}}43^{\text{m}}10.0^{\text{s}}$ $-64^{\circ}33'39''$ (B1950)
 $11^{\text{h}}45^{\text{m}}34.1^{\text{s}}$ $-64^{\circ}50'19''$ (J2000)
 $l: 296.00$ $b: -2.86$

DATE: 1980/236 - 1980/237
 LIVETIME: 3984.5s
 ROLL ANGLE: 22.8°

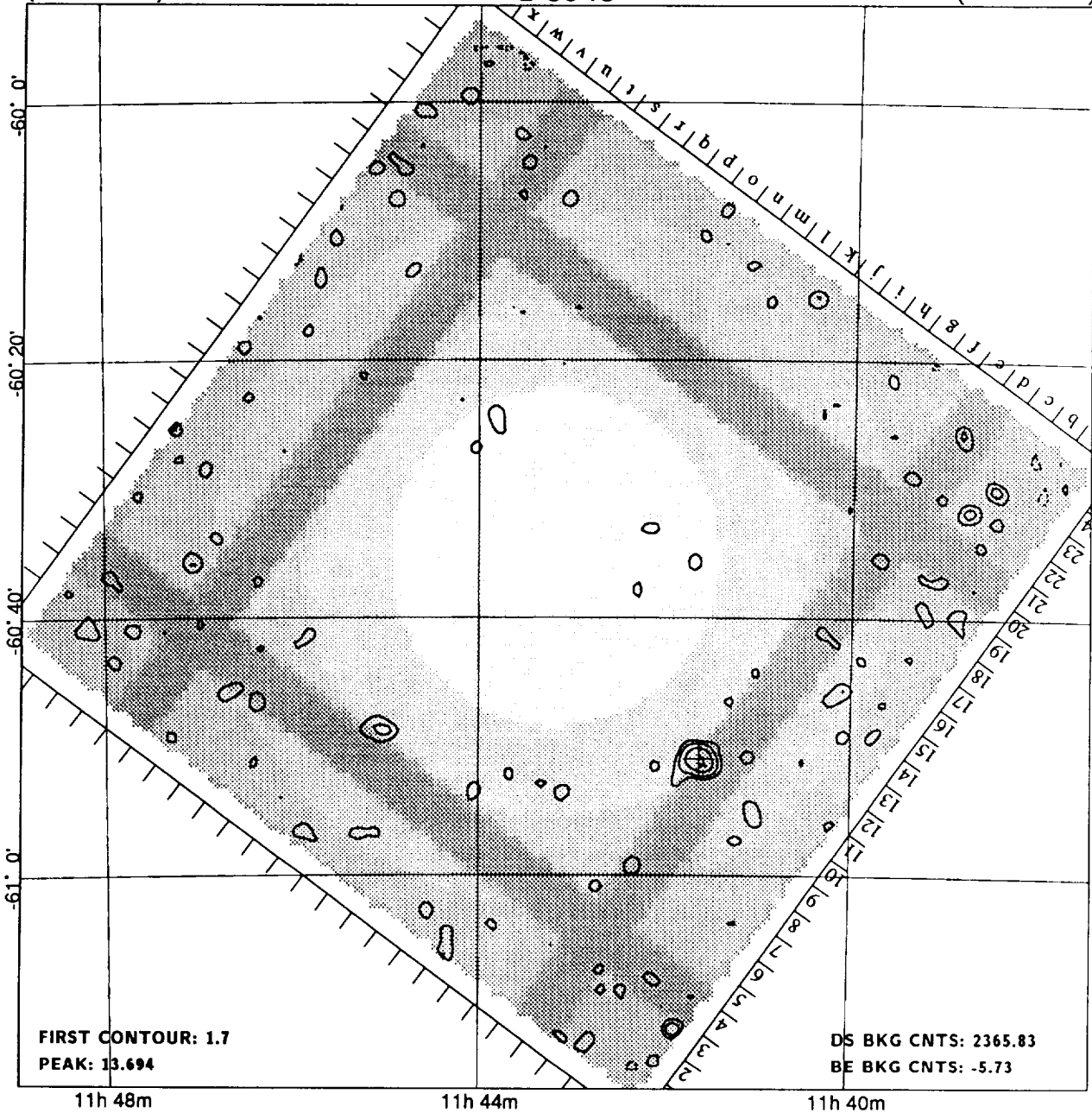
NH: $1.4E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $11^h 43^m 11.0^s$ $-60^\circ 34' 35''$ (B1950)
 $11^h 45^m 36.6^s$ $-60^\circ 51' 15''$ (J2000)
 $l: 295.00$ $b: 1.00$

DATE: 1980/ 36 - 1980/ 36
 LIVETIME: 1917.1s
 ROLL ANGLE: -143.8°

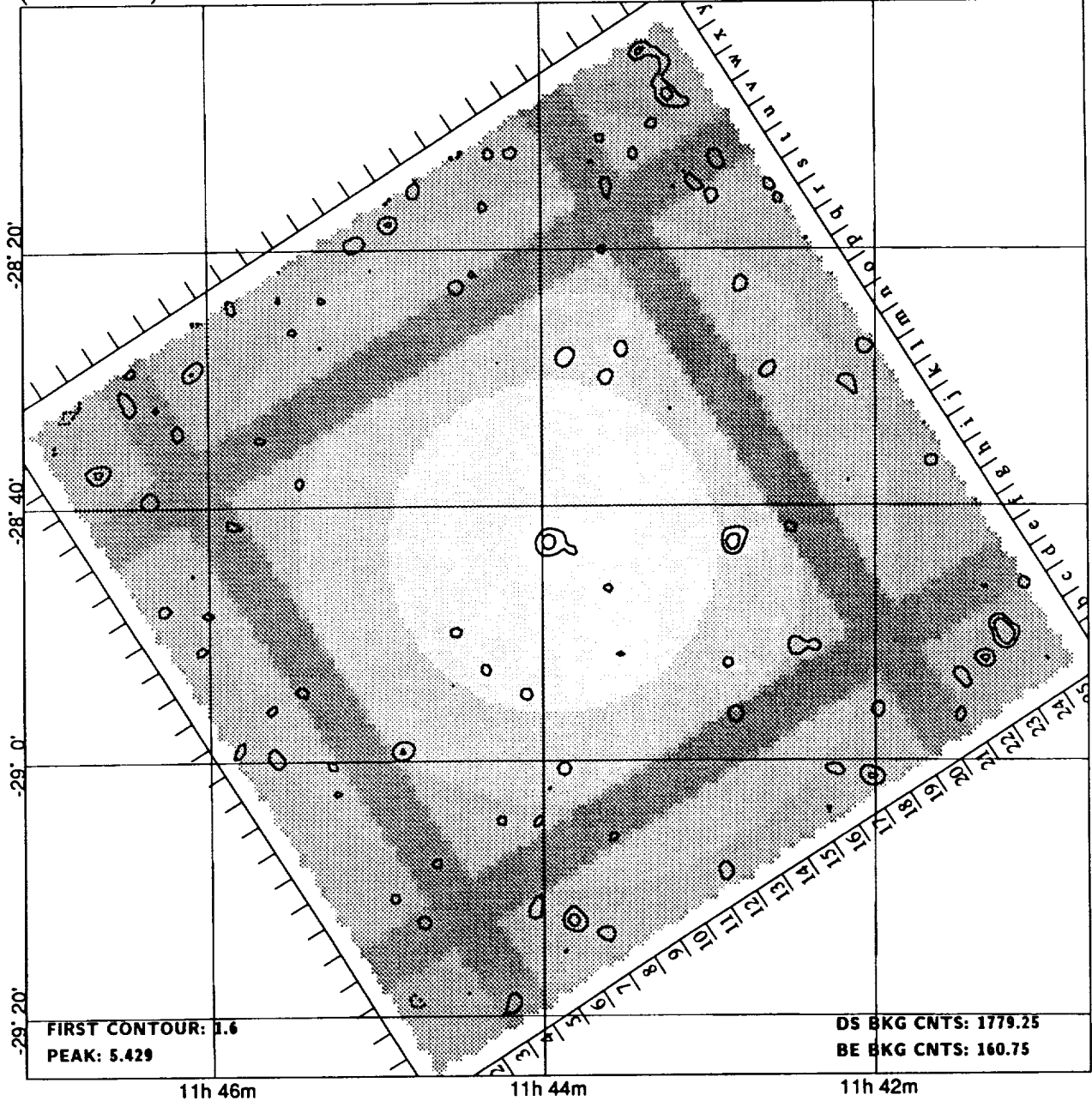
NH: $1.2E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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)



FIRST CONTOUR: 1.6
PEAK: 5.429

DS BKG CNTS: 1779.25
BE BKG CNTS: 160.75

11h 46m

11h 44m

11h 42m

SEARCH FOR HIGH LX QSO'S: 17

FIELD CENTER: $11^{\text{h}}43^{\text{m}}54.9^{\text{s}}$ $-20^{\circ}42'41''$ (B1950)
 $11^{\text{h}}46^{\text{m}}26.2^{\text{s}}$ $-20^{\circ}59'22''$ (J2000)
 $l: 286.20$ $b: 31.76$

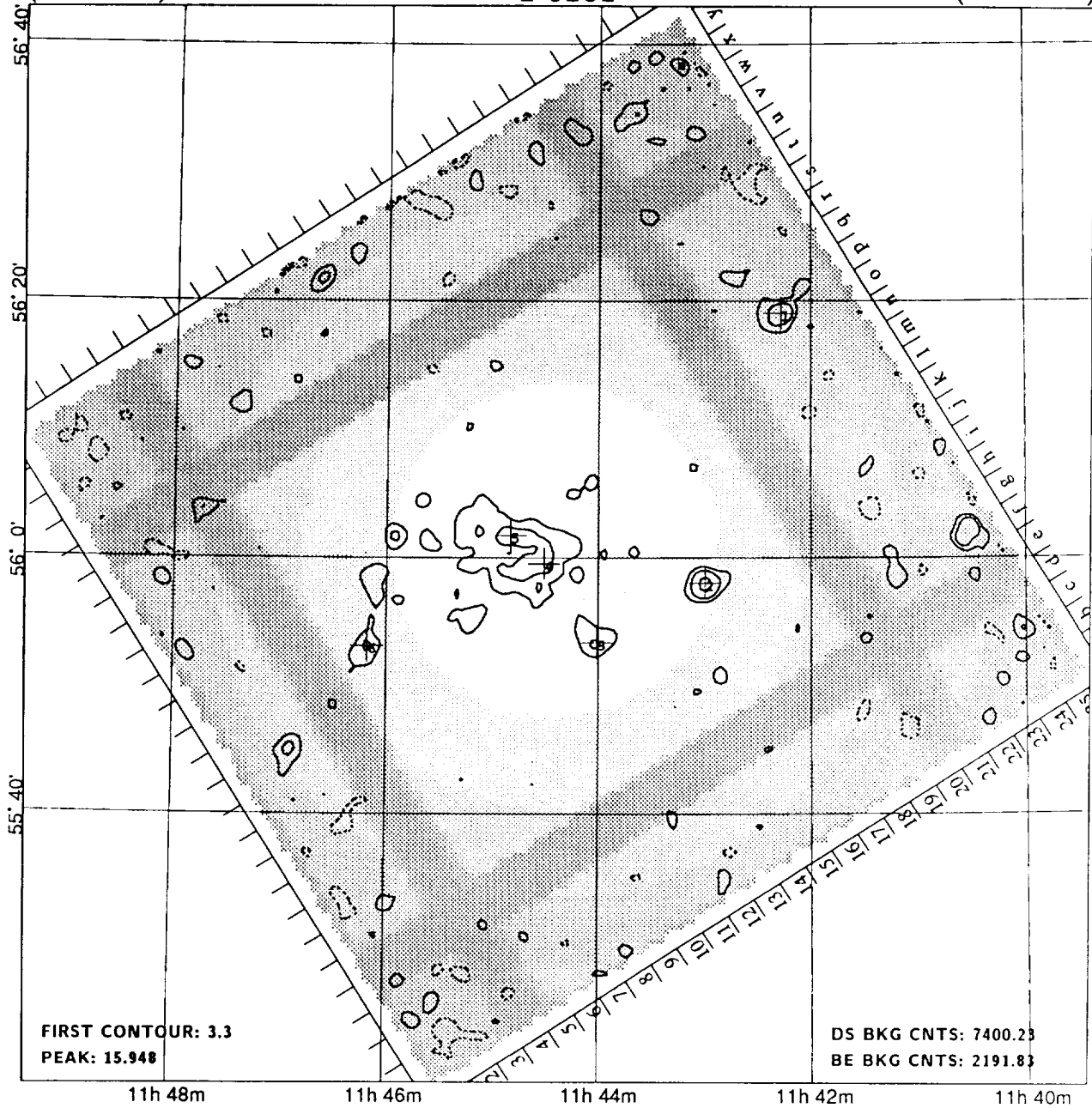
DATE: 1980/ 12 - 1980/ 12
LIVETIME: 1441.8s
ROLL ANGLE: -122.5°

NH: $6.3\text{E}+20$
REF/ID:
FIELD FLAGS:

(11h 44m)

I 6101

(11h 44m)



A 1377, DETAILED STUDY OF NEARBY CLUSTERS

FIELD CENTER: $11^h 44^m 24.0^s$ $56^\circ 00' 59''$ (B1950)
 $11^h 47^m 03.9^s$ $55^\circ 44' 19''$ (J2000)
 $l: 140.63$ $b: 59.12$

DATE: 1979/324 - 1979/325
 LIVETIME: 5996.7s
 ROLL ANGLE: -122.5°

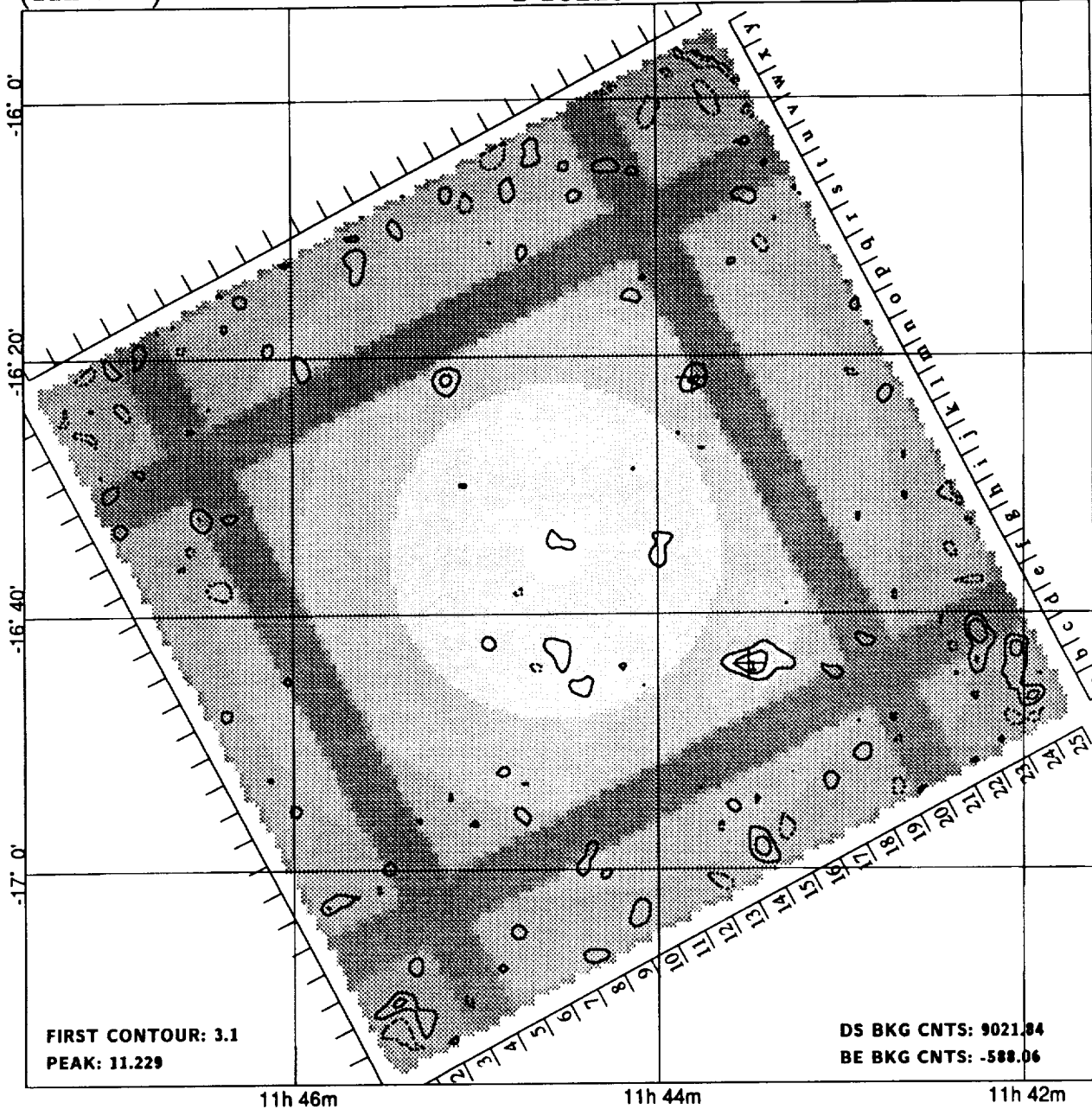
NH: $1.0E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(11h 44m)

I 10229

(11h 44m)



N 3887: ACTIVE NUCLEI OF BARRED SPIRALS

FIELD CENTER: $11^{\text{h}}44^{\text{m}}32.4^{\text{s}}$ $-16^{\circ}34'35''$ (B1950)
 $11^{\text{h}}47^{\text{m}}04.9^{\text{s}}$ $-16^{\circ}51'16''$ (J2000)
 $l: 281.55$ $b: 43.33$

DATE: 1981/ 5 - 1981/ 5
 LIVETIME: 7310.7s
 ROLL ANGLE: -117.9°

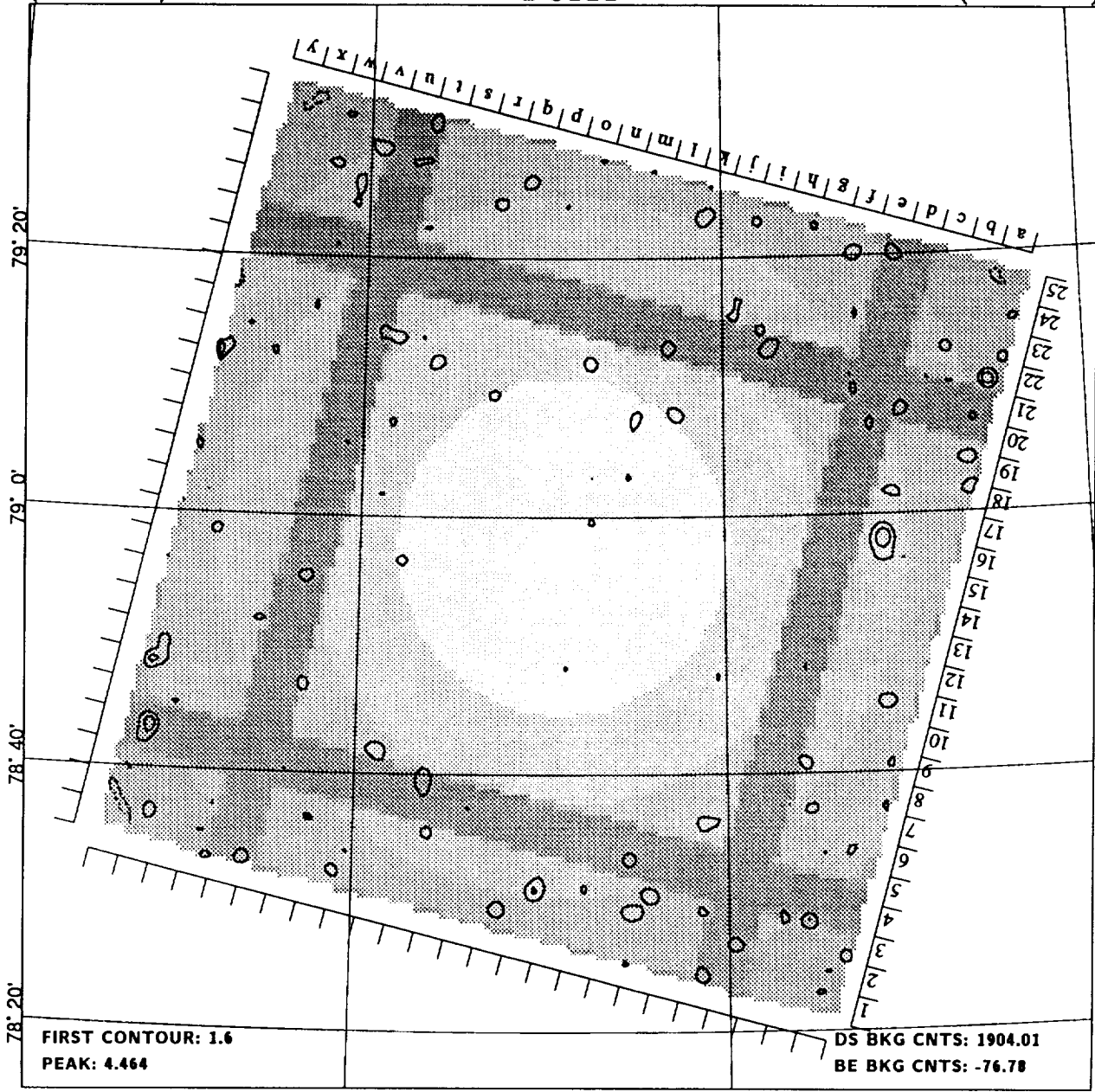
NH: $3.4\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE ±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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)



11h 50m

11h 40m

COHERENT SAMPLING OF NEARBY STARS: AC +79 3888

FIELD CENTER: $11^{\text{h}}44^{\text{m}}33.8^{\text{s}}$ $78^{\circ}57'38''$ (B1950)
 $11^{\text{h}}47^{\text{m}}28.1^{\text{s}}$ $78^{\circ}40'58''$ (J2000)
 $l: 126.86$ $b: 37.95$

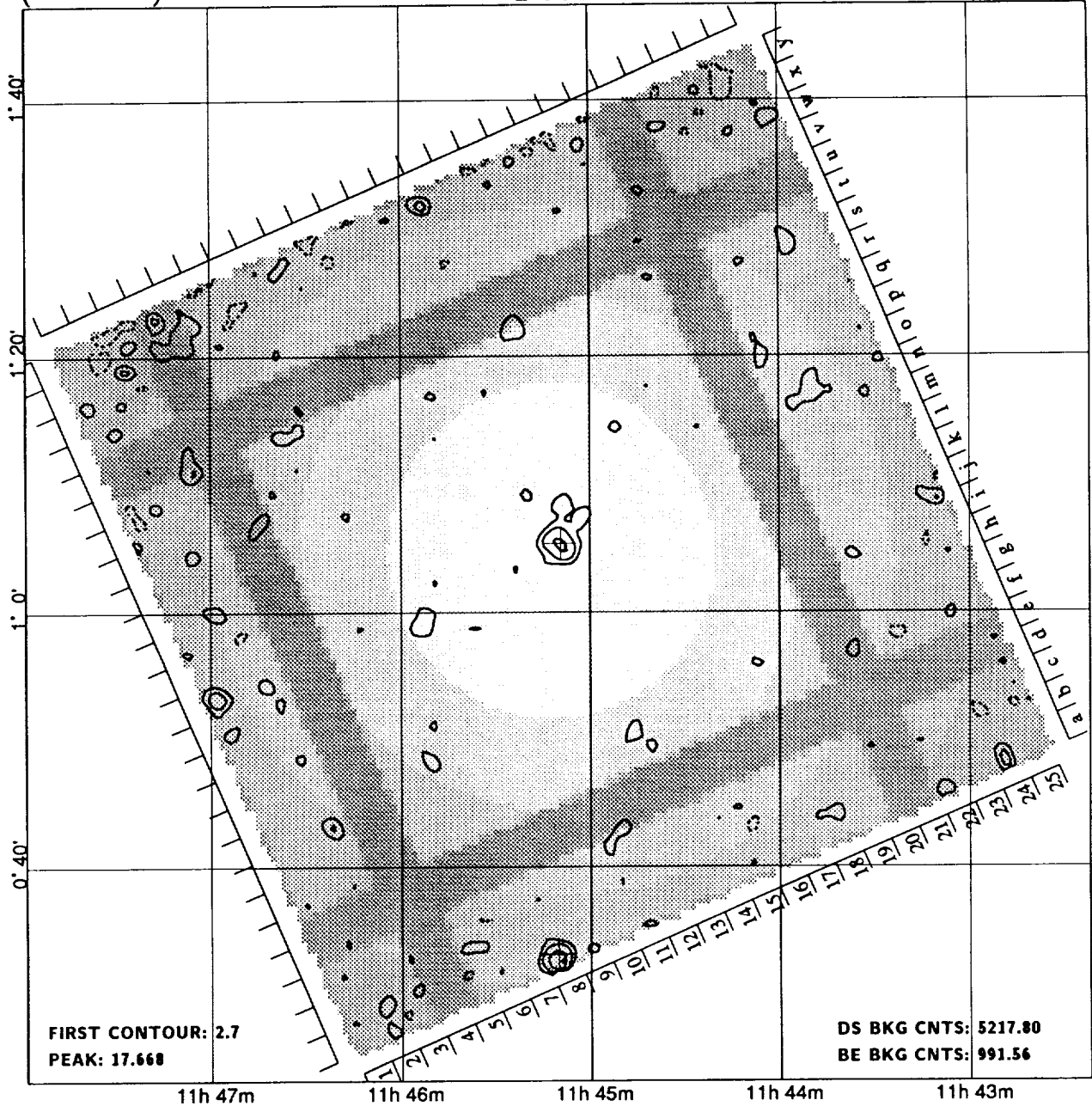
DATE: 1979/278 - 1979/278
LIVETIME: 1542.9s
ROLL ANGLE: -165.7°

NH: $4.7\text{E}+20$
REF/ID:
FIELD FLAGS:

(11h 45m)

I 7712

(11h 45m)



FIRST CONTOUR: 2.7
PEAK: 17.668

DS BKG CNTS: 5217.80
BE BKG CNTS: 991.56

ROSS 128, NEARBY STARS

FIELD CENTER: $11^{\text{h}}45^{\text{m}}10.0^{\text{s}}\ 01^{\circ}05'21''$ (B1950)
 $11^{\text{h}}47^{\text{m}}43.8^{\text{s}}\ 00^{\circ}48'41''$ (J2000)
 $l: 270.14\ b: 59.56$

DATE: 1980/349 - 1980/349
LIVETIME: 4228.2s
ROLL ANGLE: -113.4°

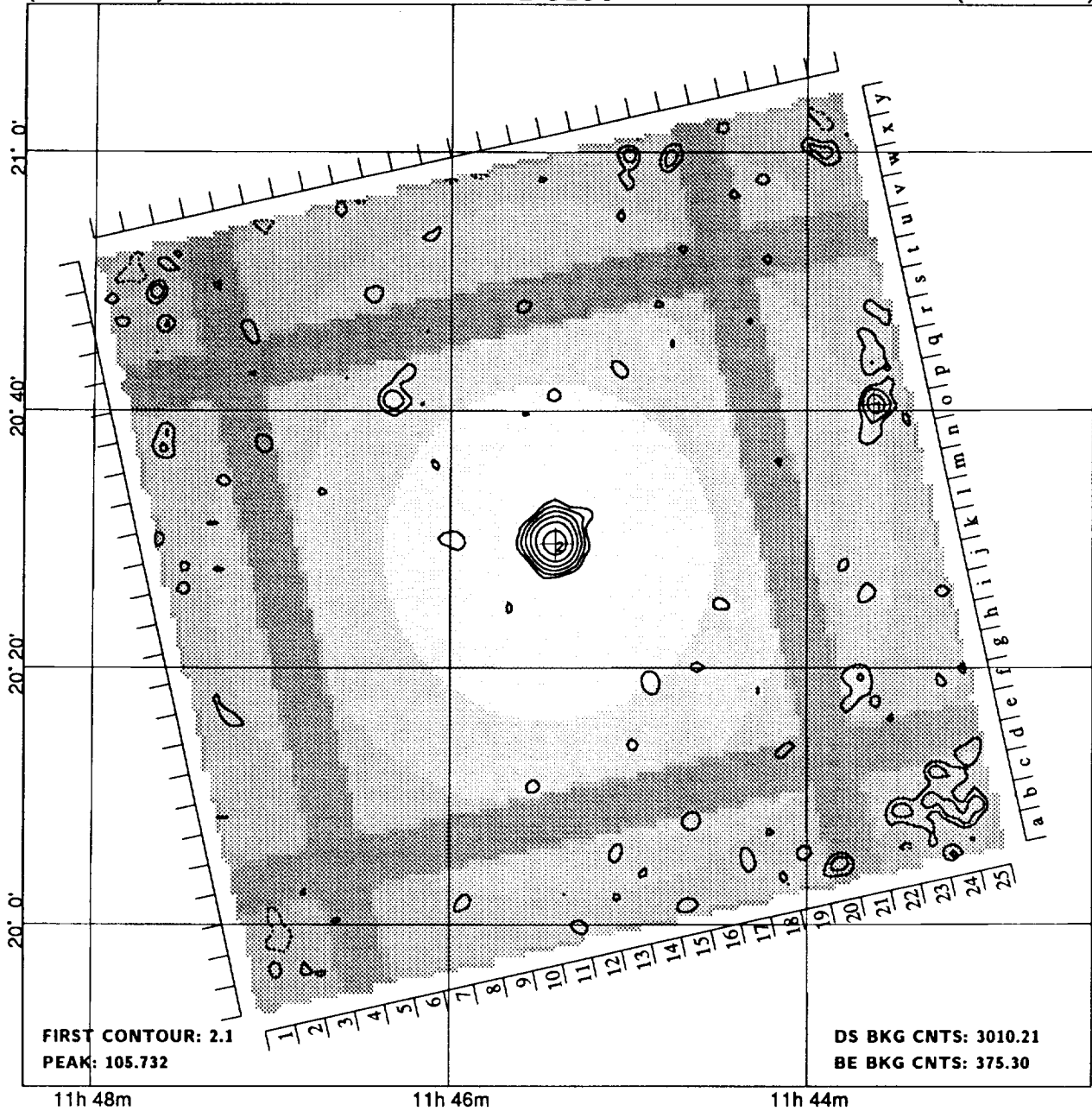
NH: $2.3\text{E}+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm ''	COUNT RATE	\pm	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	

(11h 45m)

I 5190

(11h 45m)



STAR 93 LEO, CORRELATION OF CORONAL ACTIVITY WITH BINARY PERIOD

FIELD CENTER: $11^h 45^m 24.0^s$ $20^\circ 29' 29''$ (B1950)
 $11^h 47^m 59.2^s$ $20^\circ 12' 49''$ (J2000)
 $l: 235.02$ $b: 73.93$

DATE: 1979/352 - 1979/352
 LIVETIME: 2439.3s
 ROLL ANGLE: -102.5°

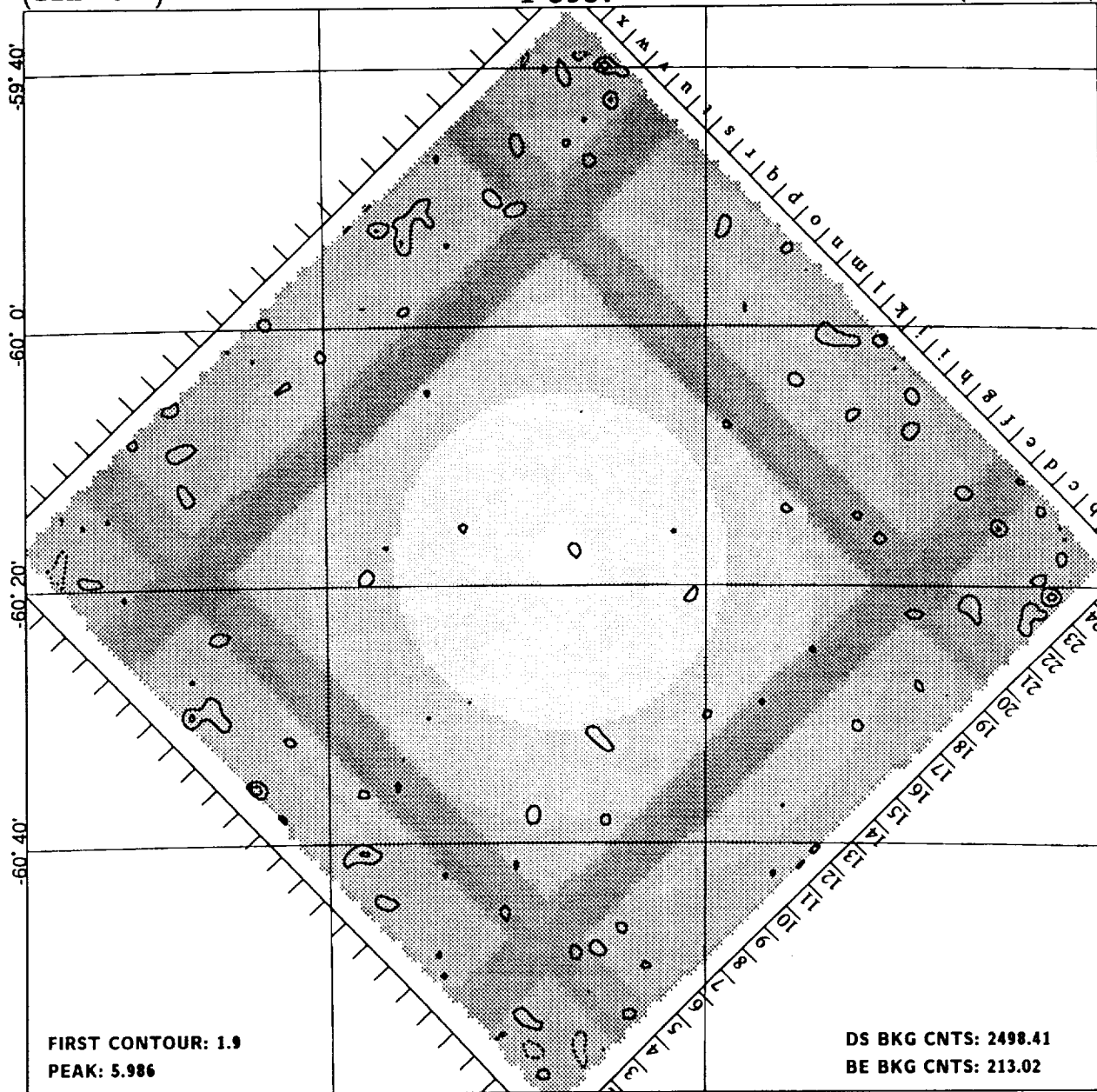
NH: $2.6E+20$
 REF/ID: S
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(11h 45m)

I 8937

(11h 45m)



FIRST CONTOUR: 1.9
 PEAK: 5.986

DS BKG CNTS: 2498.41
 BE BKG CNTS: 213.02

11h 48m

11h 44m

HD 102552: POSSIBLE PROGENITOR OF WOLF-RAYET SYSTEMS

FIELD CENTER: $11^{\text{h}}45^{\text{m}}30.0^{\text{s}} -60^{\circ}17'17''$ (B1950)
 $11^{\text{h}}47^{\text{m}}56.9^{\text{s}} -60^{\circ}33'58''$ (J2000)
 $l: 295.21 \quad b: 1.35$

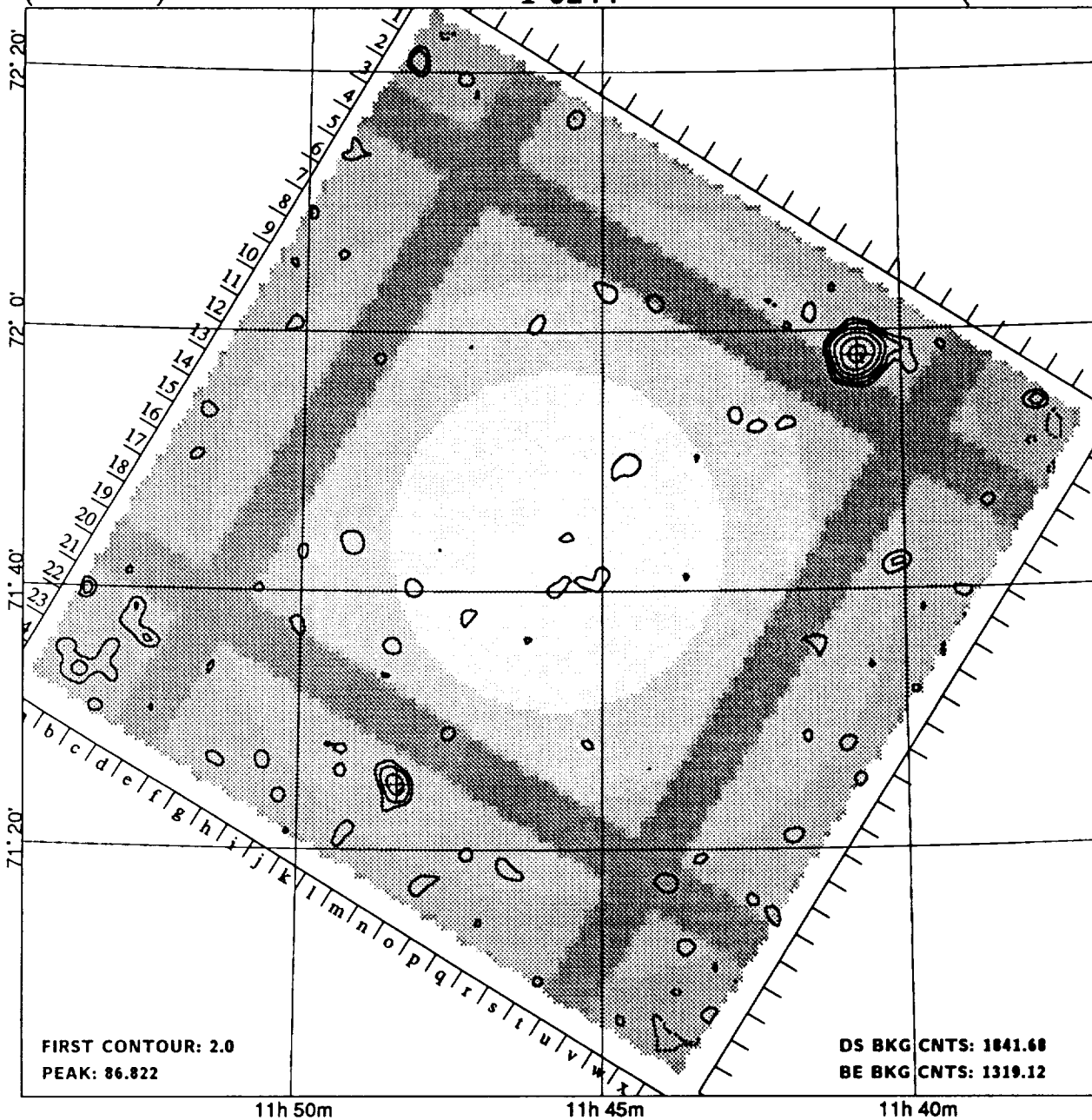
DATE: 1981/ 24 - 1981/ 24
 LIVETIME: 2024.6s
 ROLL ANGLE: -134.2°

NH: $1.2\text{E}+21$
 REF/ID:
 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)
 11^h48^m27.0^s 71°26'19" (J2000)
 ℓ : 129.93 b : 44.82

DATE: 1980/111 - 1980/111
 LIVETIME: 1546.0s
 ROLL ANGLE: 31.5°

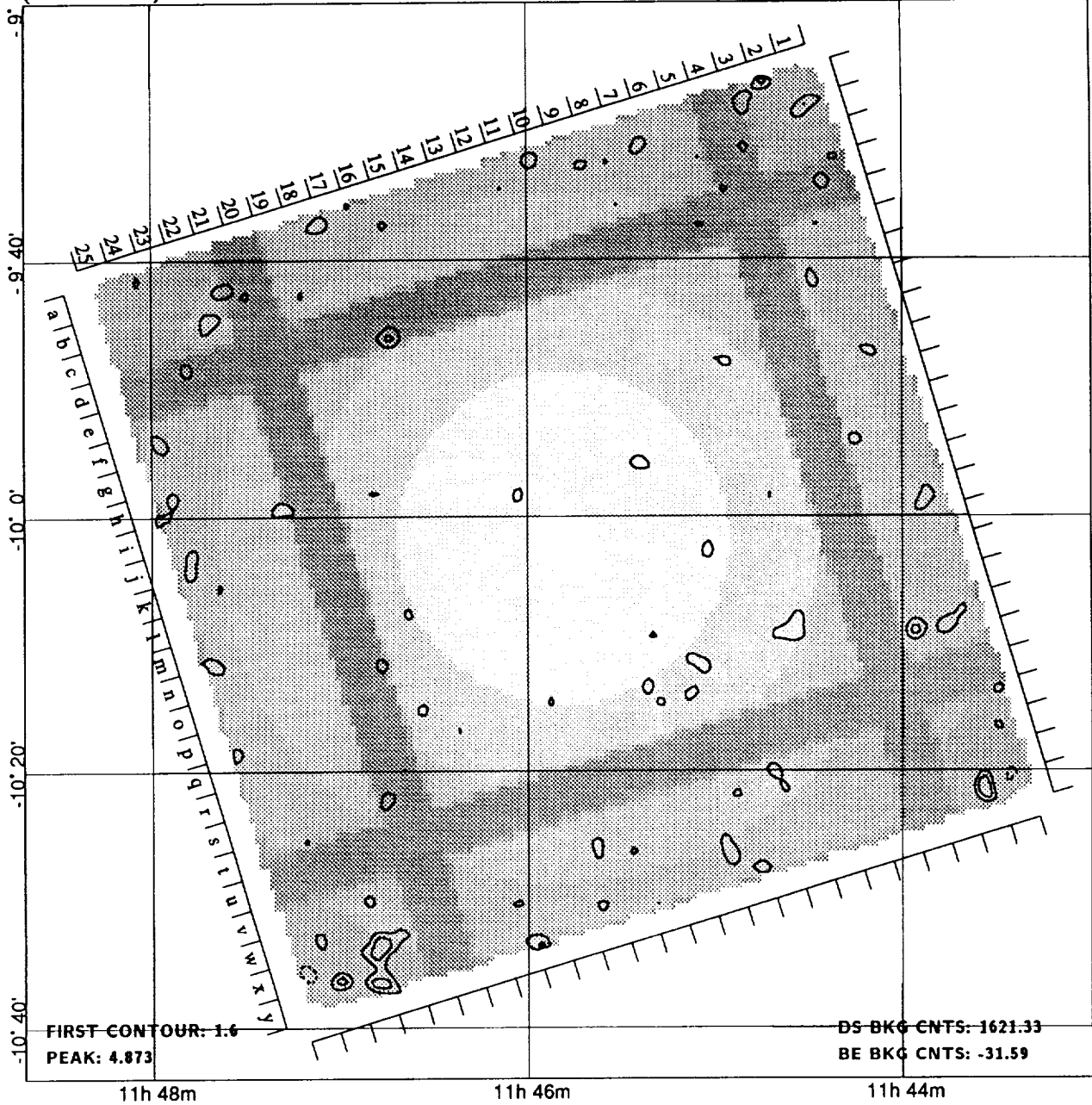
NH: 1.5E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC FLG	ID
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	

(11h 45m)

I 7915

(11h 45m)



FIRST CONTOUR: 1.6
PEAK: 4.873

DS BKG CNTS: 1621.33
BE BKG CNTS: -31.59

11h 48m

11h 46m

11h 44m

HD 102574, CORONAL ACTIVITY IN F, G, & K STARS

FIELD CENTER: 11^h 45^m 50.0^s -10° 02' 00" (B1950)
11^h 48^m 23.0^s -10° 18' 41" (J2000)
ℓ: 278.60 b: 49.56

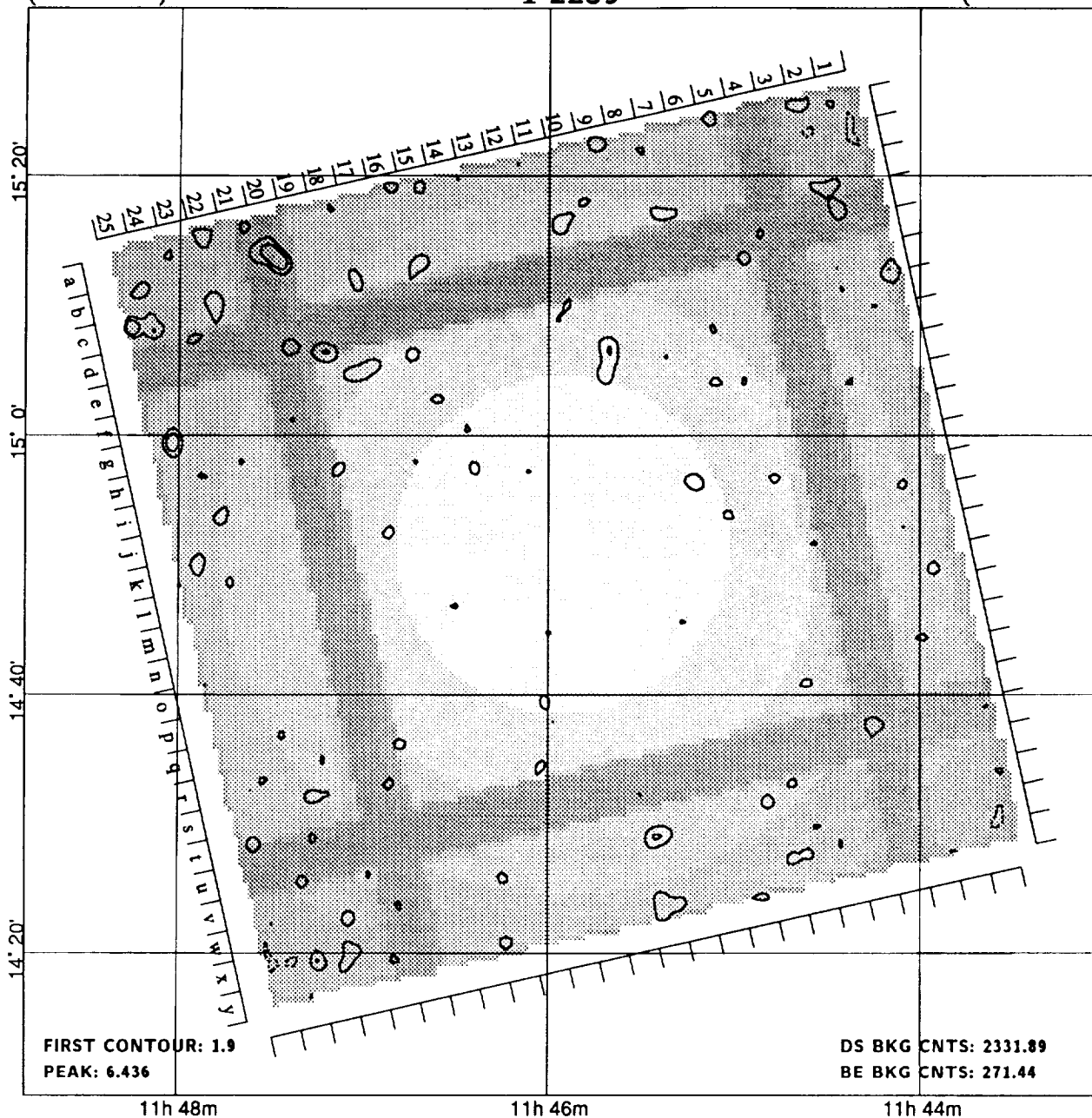
DATE: 1980/171 - 1980/171
LIVETIME: 1313.8s
ROLL ANGLE: 73.2°

NH: 2.9E+20
REF/ID:
FIELD FLAGS:

(11h 45m)

I 2239

(11h 45m)



11h 48m

11h 46m

11h 44m

STELLAR SURVEY-EARLY TYPE STARS: HD102647=BETA LEO

FIELD CENTER: $11^{\text{h}} 45^{\text{m}} 56.0^{\text{s}}$ $14^{\circ} 50' 59''$ (B1950)
 $11^{\text{h}} 48^{\text{m}} 30.7^{\text{s}}$ $14^{\circ} 34' 19''$ (J2000)
 $l: 250.37$ $b: 70.70$

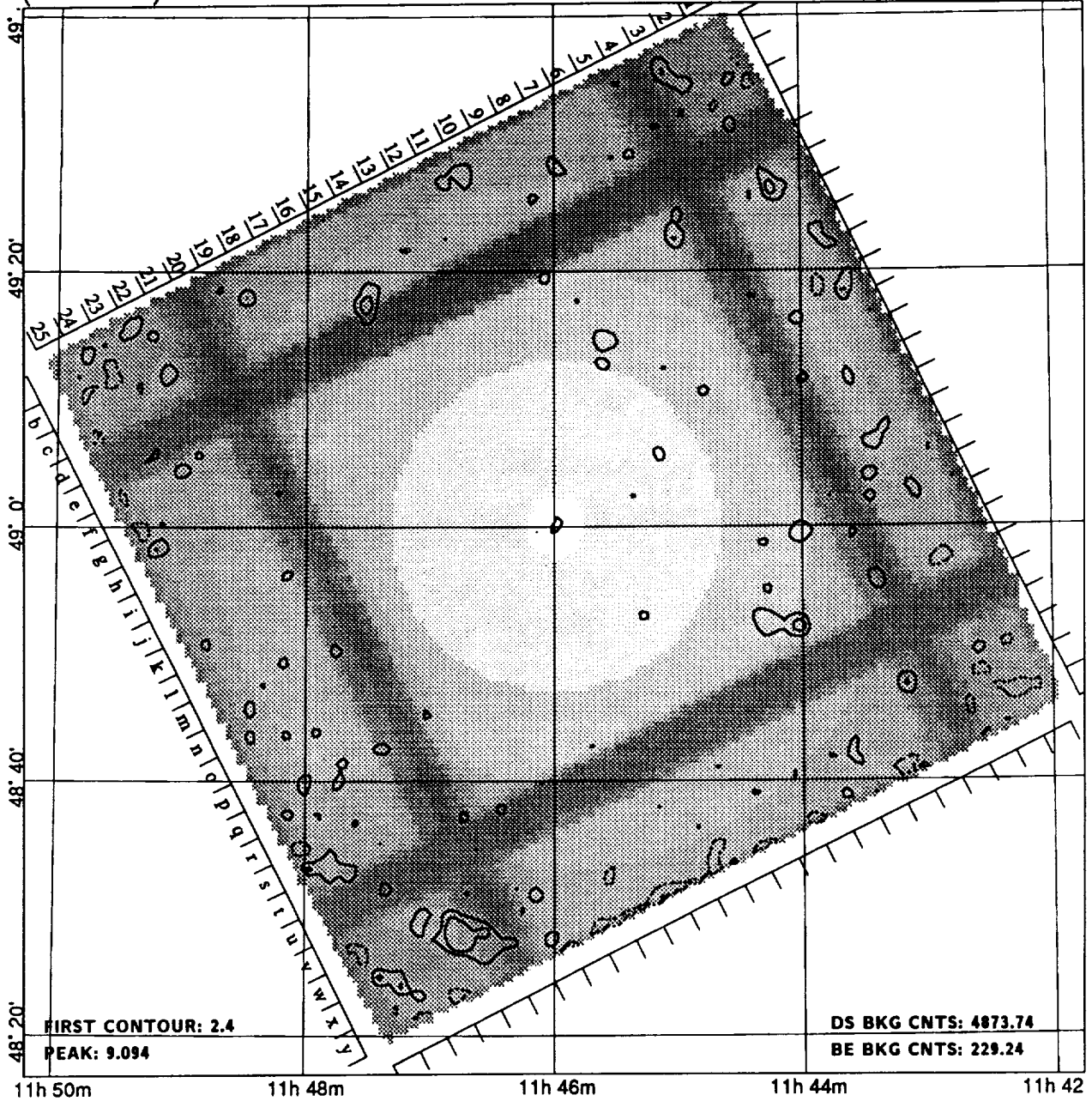
DATE: 1980/178 - 1980/179
 LIVETIME: 1889.6s
 ROLL ANGLE: 77.3°

NH: $3.3\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(11h 46m)

I 7759

(11h 46m)



N 3893/3896, BRIGHT NEARBY PAIRS OF GALAXIES

FIELD CENTER: $11^{\text{h}}46^{\text{m}}00.0^{\text{s}}$ $48^{\circ}58'59''$ (B1950)
 $11^{\text{h}}48^{\text{m}}38.0^{\text{s}}$ $48^{\circ}42'19''$ (J2000)
 $l: 148.16$ $b: 65.23$

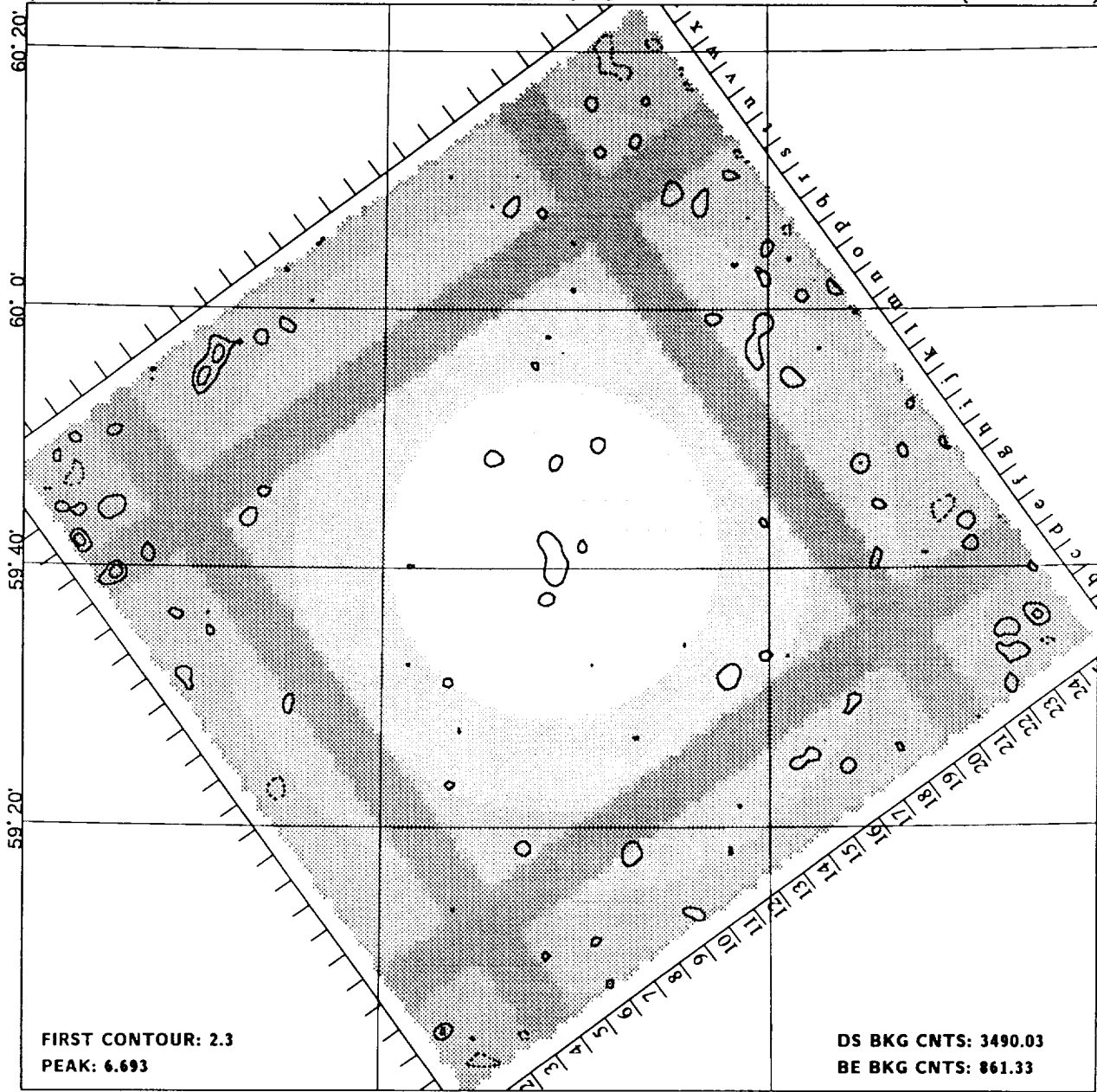
DATE: 1980/154 - 1980/154
 LIVETIME: 3949.3s
 ROLL ANGLE: 63.5°

NH: $2.2\text{E}+20$
 REF/ID:
 FIELD FLAGS:

(11h 46m)

I 4949

(11h 46m)



NGC3894, INTERACTING GALAXIES WITH COMPACT RADIO NUCLEI

FIELD CENTER: $11^h 46^m 10.3^s$ $59^\circ 41' 36''$ (B1950)
 $11^h 48^m 50.2^s$ $59^\circ 24' 56''$ (J2000)
 l : 137.12 b : 55.95

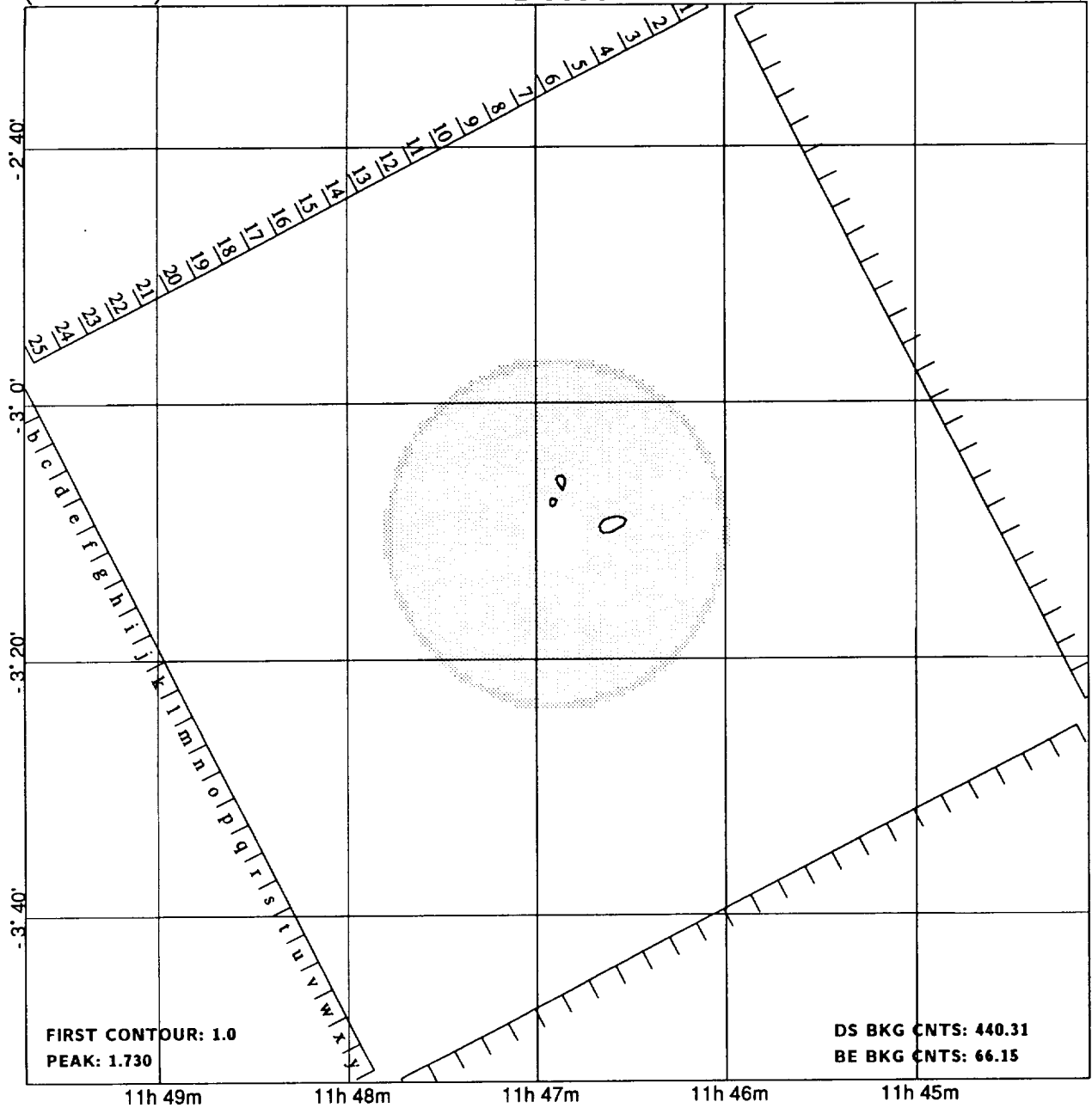
DATE: 1979/324 - 1979/324
 LIVETIME: 2028.1s
 ROLL ANGLE: -126.2°

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

(11h 46m)

I 6690

(11h 46m)



MKW 3: CD GALAXIES IN POOR CLUSTERS

FIELD CENTER: $11^h 46^m 54.0^s -03^\circ 10' 59''$ (B1950)
 $11^h 49^m 27.5^s -03^\circ 27' 40''$ (J2000)
 $l: 274.49$ $b: 55.95$

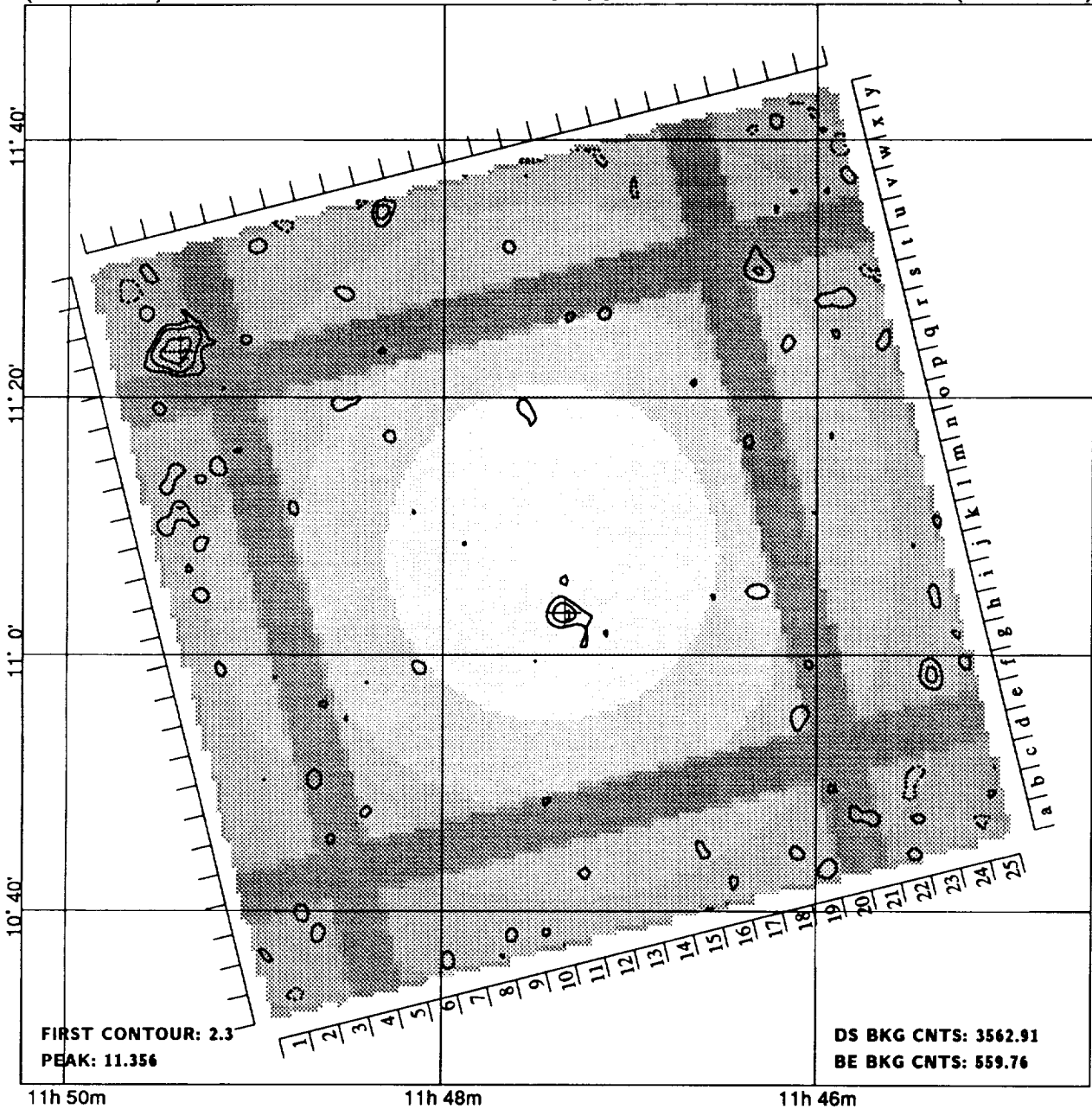
DATE: 1980/175 - 1980/176
 LIVETIME: 356.8s
 ROLL ANGLE: 62.8°

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

(11h 47m)

I 8705

(11h 47m)



TARGET 4: REGIONS OF INTENSE STAR FORMATION

FIELD CENTER: $11^h 47^m 23.0^s$ $11^\circ 08' 29''$ (B1950)
 $11^h 49^m 57.4^s$ $10^\circ 51' 49''$ (J2000)
 $l: 258.34$ $b: 68.24$

DATE: 1980/347 - 1980/347
 LIVETIME: 2897.2s
 ROLL ANGLE: -104.0°

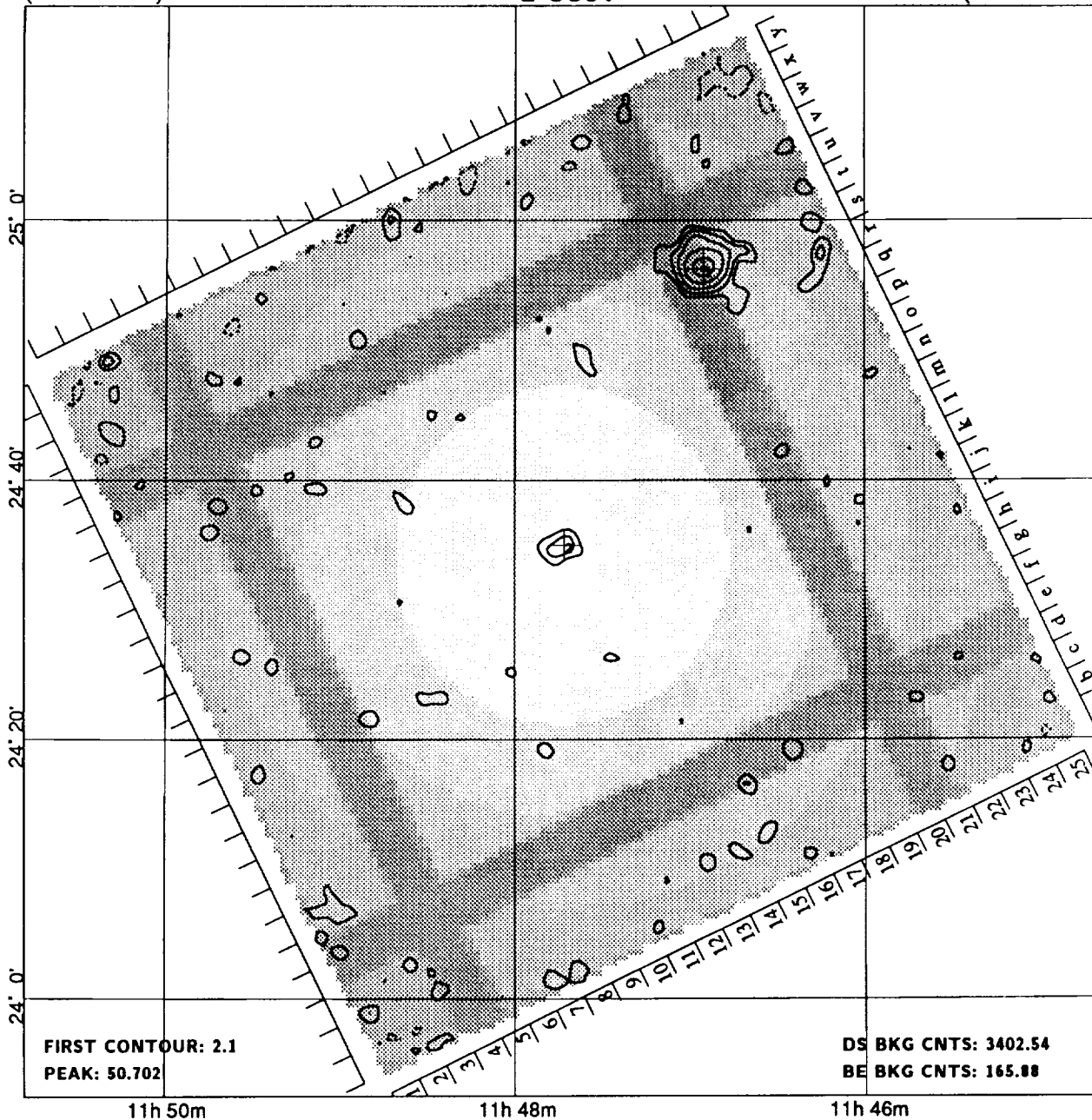
NH: $2.5E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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)



FIRST CONTOUR: 2.1
PEAK: 50.702

DS BKG CNTS: 3402.54
BE BKG CNTS: 165.88

11h 50m

11h 48m

11h 46m

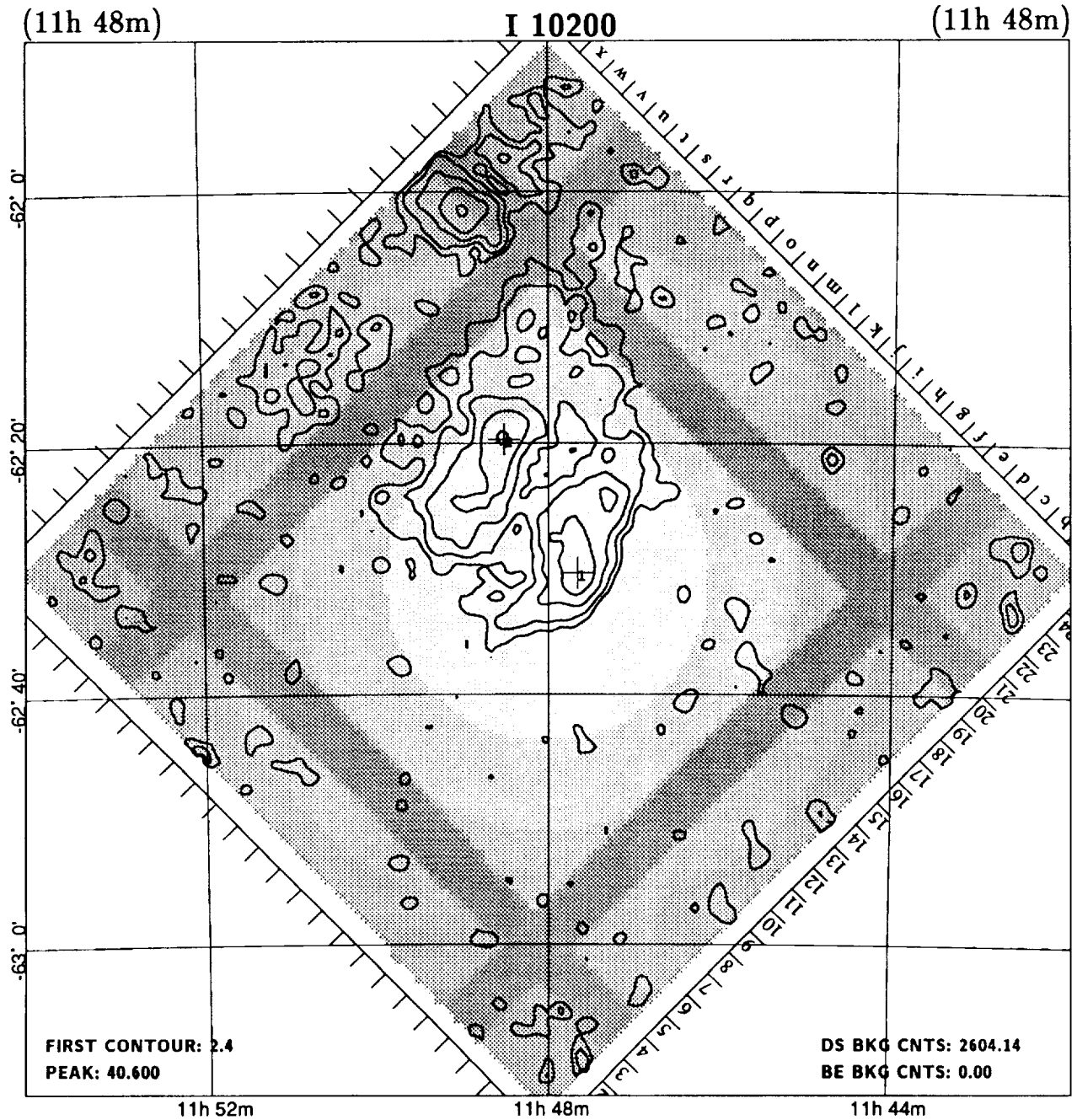
1147+245, BL-LAC OBJECT

FIELD CENTER: $11^{\text{h}}47^{\text{m}}44.0^{\text{s}}$ $24^{\circ}34'33''$ (B1950)
 $11^{\text{h}}50^{\text{m}}19.2^{\text{s}}$ $24^{\circ}17'52''$ (J2000)
 $l: 221.15$ $b: 75.96$

DATE: 1979/341 - 1979/341
LIVETIME: 2757.2s
ROLL ANGLE: -116.0°

NH: $1.9\text{E}+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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



DIFFUSE ARC, FOLLOW-UP OF CG295+0 REGION

FIELD CENTER: $11^{\text{h}}48^{\text{m}}00.0^{\text{s}}$ $-62^{\circ}29'59''$ (B1950)
 $11^{\text{h}}50^{\text{m}}27.7^{\text{s}}$ $-62^{\circ}46'41''$ (J2000)
 $l: 296.02$ $b: -0.73$

DATE: 1981/ 26 - 1981/ 26
LIVETIME: 2110.2s
ROLL ANGLE: -135.0°

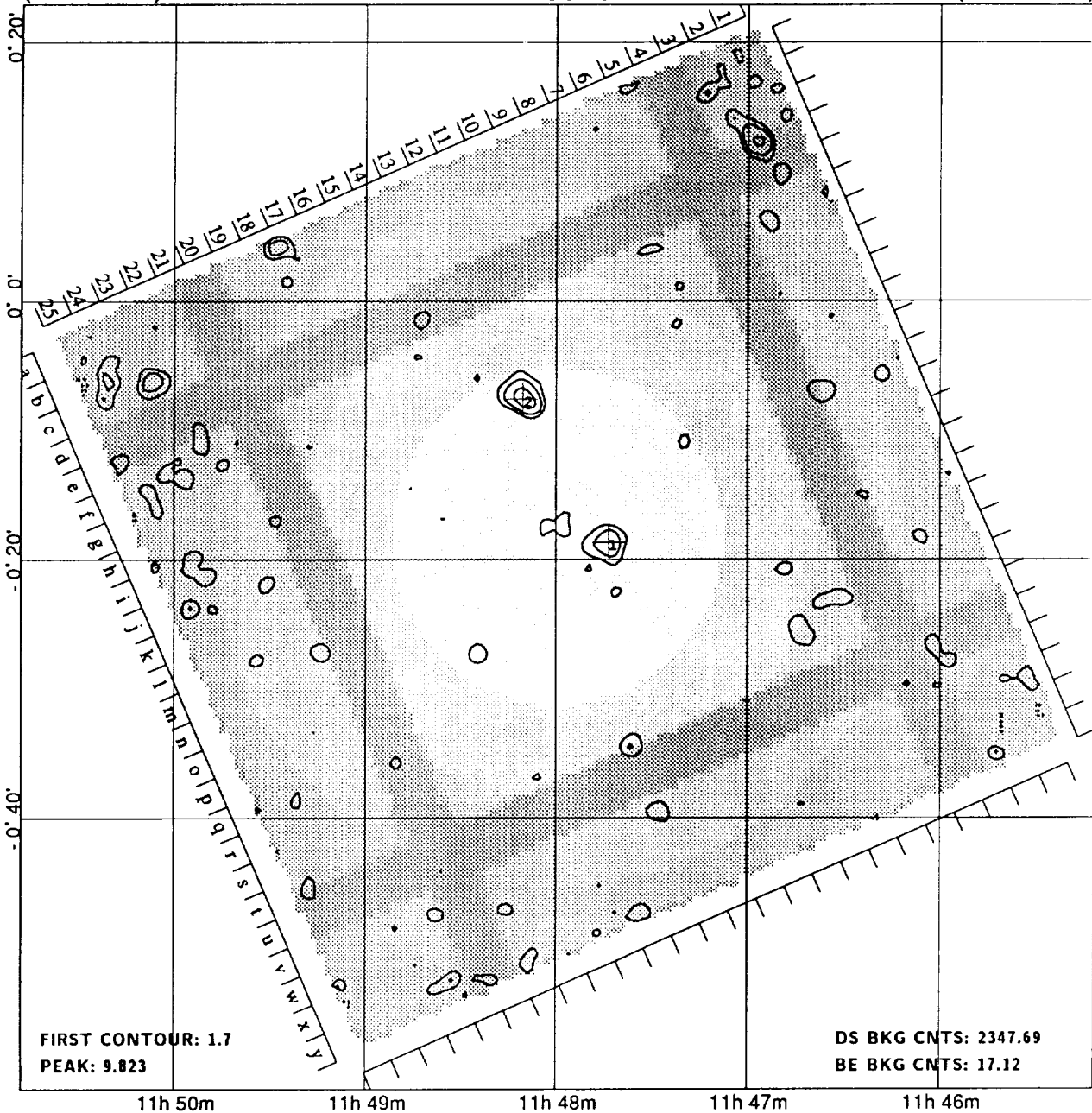
NH: $1.4\text{E}+21$
REF/ID: SNR
FIELD FLAGS: LS

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $11^{\text{h}}48^{\text{m}}00.0^{\text{s}}$ $-00^{\circ}18'59''$ (B1950)
 $11^{\text{h}}50^{\text{m}}33.7^{\text{s}}$ $-00^{\circ}35'41''$ (J2000)
 $l: 272.63$ $b: 58.65$

DATE: 1979/171 - 1979/171
 LIVETIME: 1902.4s
 ROLL ANGLE: 66.5°

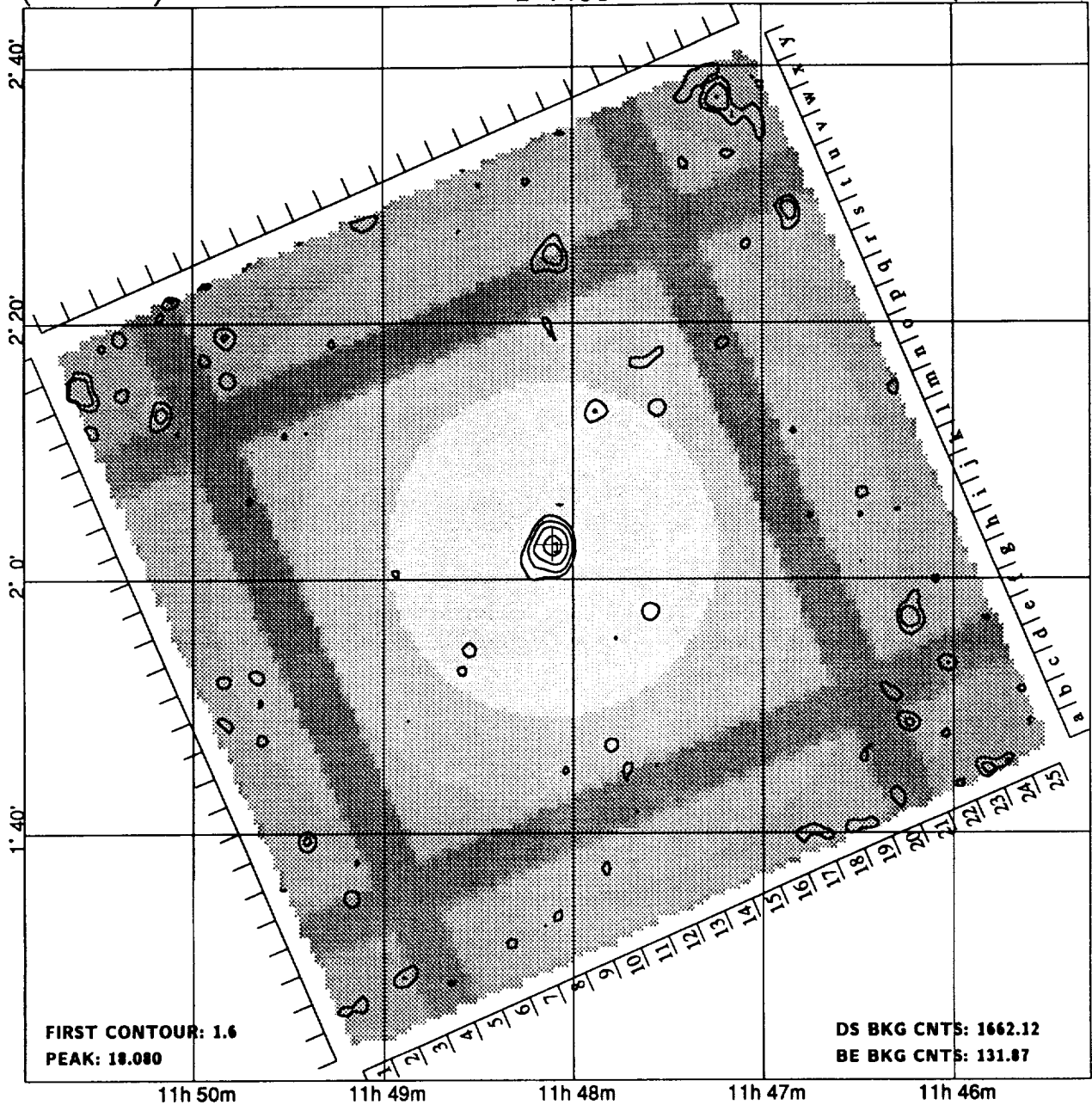
NH: $2.2\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $11^{\text{h}}48^{\text{m}}05.0^{\text{s}}$ $02^{\circ}02'46''$ (B1950)
 $11^{\text{h}}50^{\text{m}}38.8^{\text{s}}$ $01^{\circ}46'05''$ (J2000)
 $l: 270.50$ $b: 60.75$

DATE: 1979/354 - 1979/354
 LIVETIME: 1346.9s
 ROLL ANGLE: -113.4°

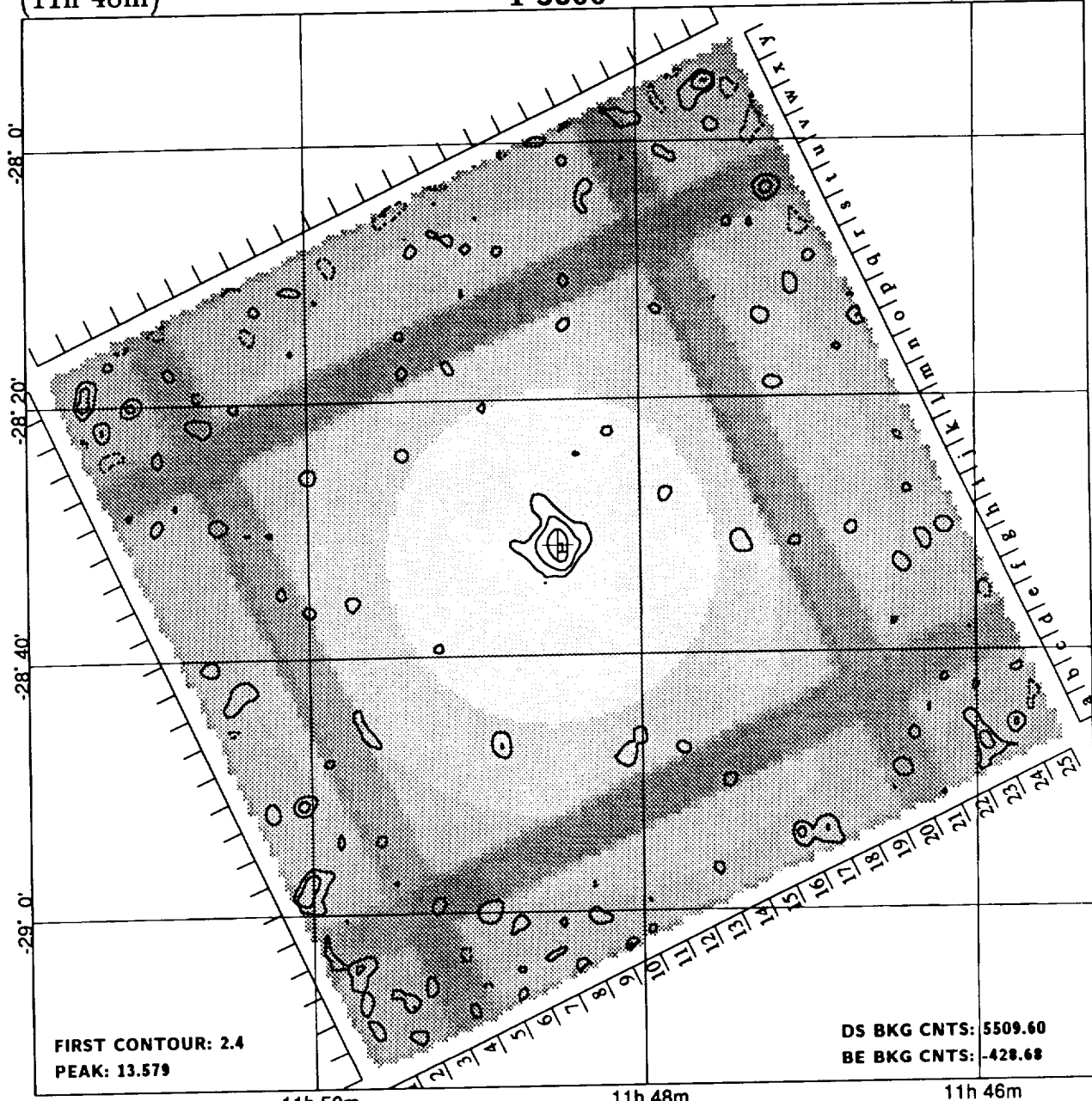
NH: $2.3\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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)



FIRST CONTOUR: 2.4
PEAK: 13.579

DS BKG CNTS: 5509.60
BE BKG CNTS: -428.68

NORMAL GALAXIES: N3923

FIELD CENTER: $11^{\text{h}}48^{\text{m}}30.0^{\text{s}}$ $-28^{\circ}31'41''$ (B1950)
 $11^{\text{h}}51^{\text{m}}02.1^{\text{s}}$ $-28^{\circ}48'23''$ (J2000)
 $l: 287.28$ $b: 32.22$

DATE: 1980/363 - 1980/364
LIVETIME: 4464.6s
ROLL ANGLE: -115.3°

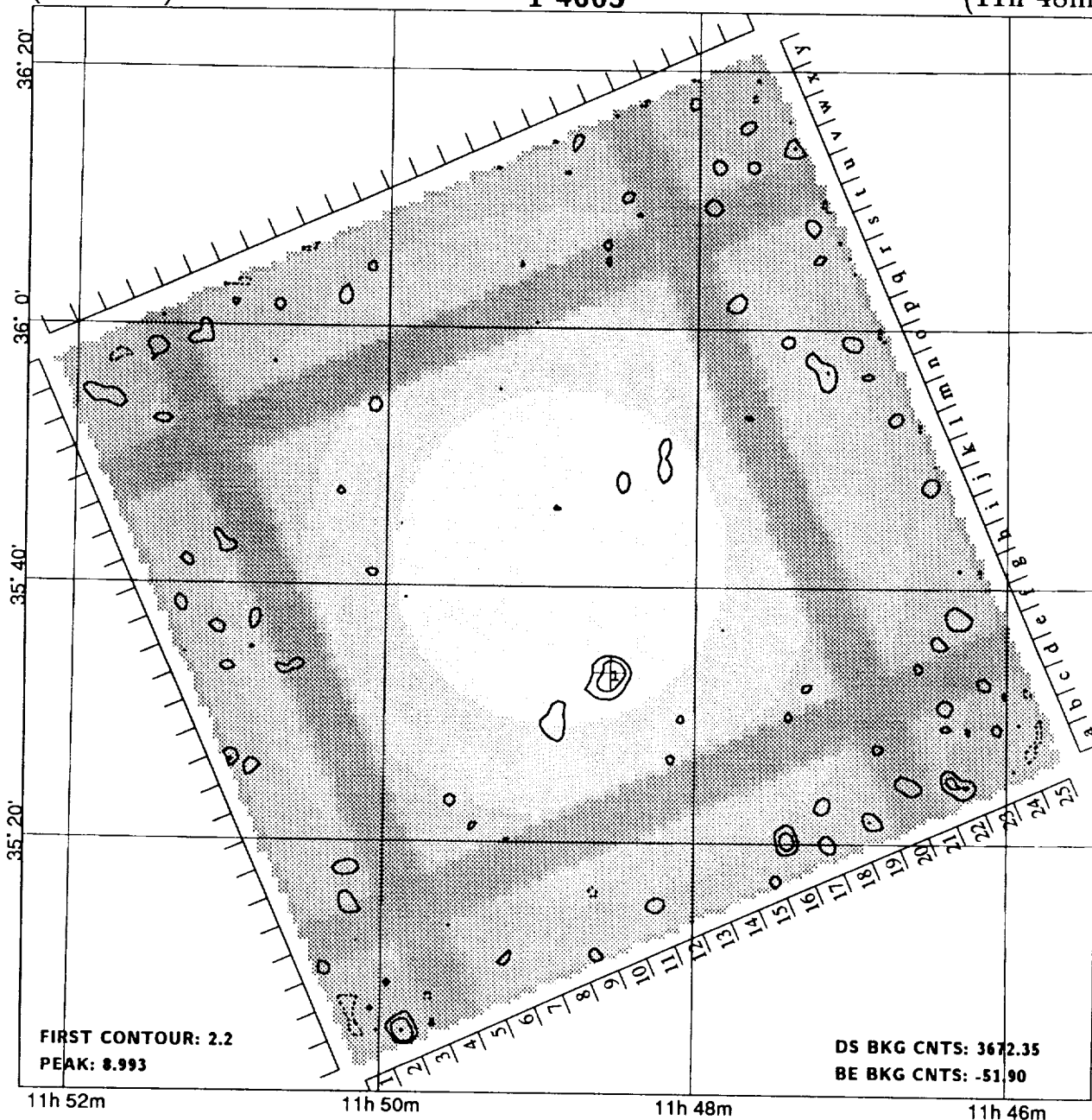
NH: $6.4\text{E}+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(11h 48m)

I 4605

(11h 48m)



MKN 431: S-TYPE MARKARIAN GALAXY

FIELD CENTER: $11^{\text{h}}48^{\text{m}}51.8^{\text{s}}$ $35^{\circ}42'32''$ (B1950)
 $11^{\text{h}}51^{\text{m}}27.6^{\text{s}}$ $35^{\circ}25'51''$ (J2000)
 $l: 176.25$ $b: 74.76$

DATE: 1979/346 - 1979/346
 LIVETIME: 2975.8s
 ROLL ANGLE: -113.7°

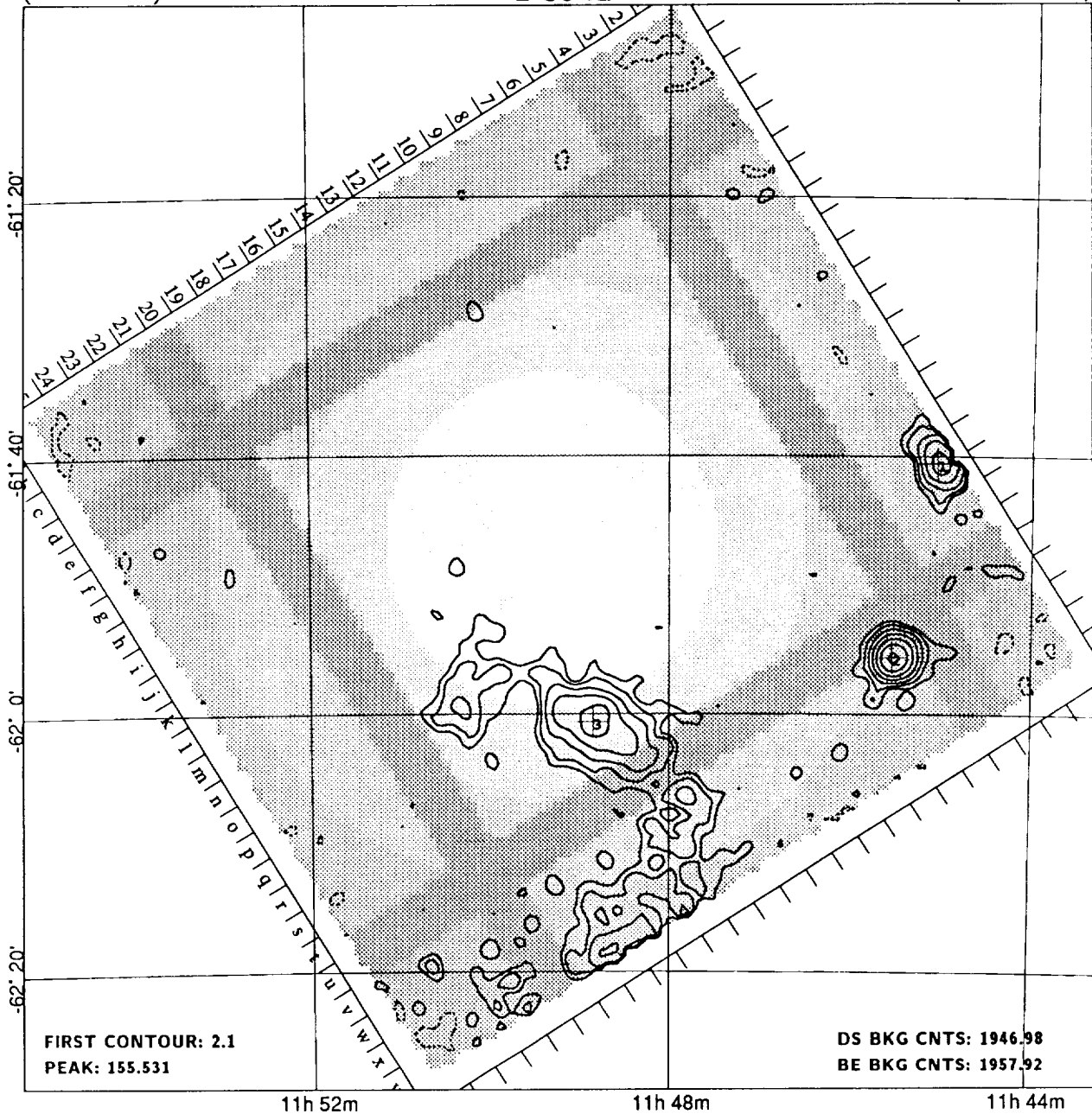
NH: $1.9\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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

(11h 49m)

I 3942

(11h 49m)



COS-B GAMMA RAY SOURCE REGION CC

FIELD CENTER: $11^{\text{h}}49^{\text{m}}15.0^{\text{s}}$ $-61^{\circ}47'11''$ (B1950)
 $11^{\text{h}}51^{\text{m}}43.5^{\text{s}}$ $-62^{\circ}03'53''$ (J2000)
 $l: 296.00$ $b: 0.00$

DATE: 1979/194 - 1979/194
 LIVETIME: 1577.7s
 ROLL ANGLE: 58.0°

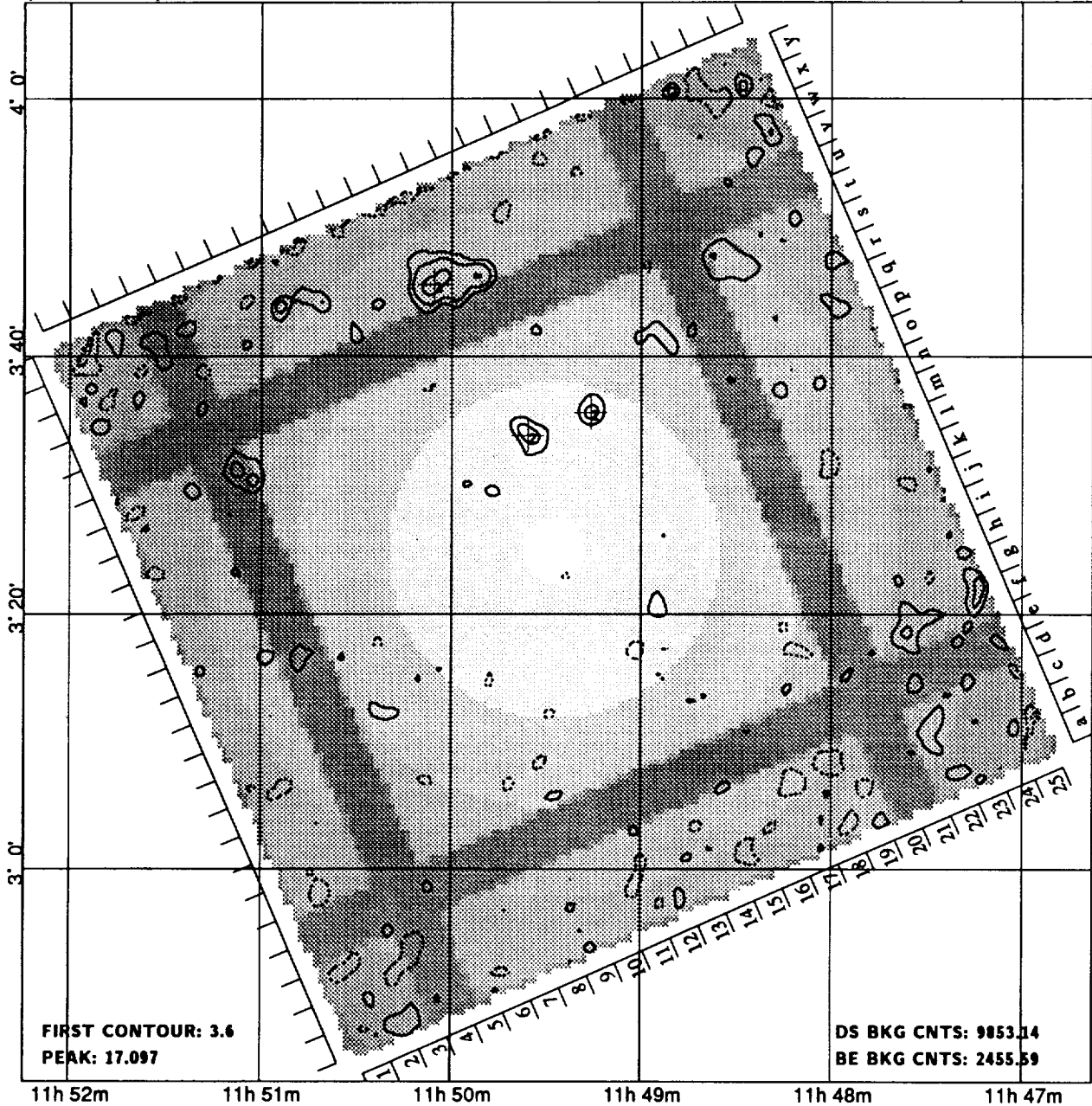
NH: $1.3\text{E}+21$
 REF/ID: SNR
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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: $11^{\text{h}}49^{\text{m}}26.1^{\circ} 03^{\circ}25'29''$ (B1950)
 $11^{\text{h}}52^{\text{m}}00.0^{\circ} 03^{\circ}08'48''$ (J2000)
 $l: 269.73 \quad b: 62.12$

DATE: 1979/351 - 1979/351
 LIVETIME: 7984.4s
 ROLL ANGLE: -113.5°

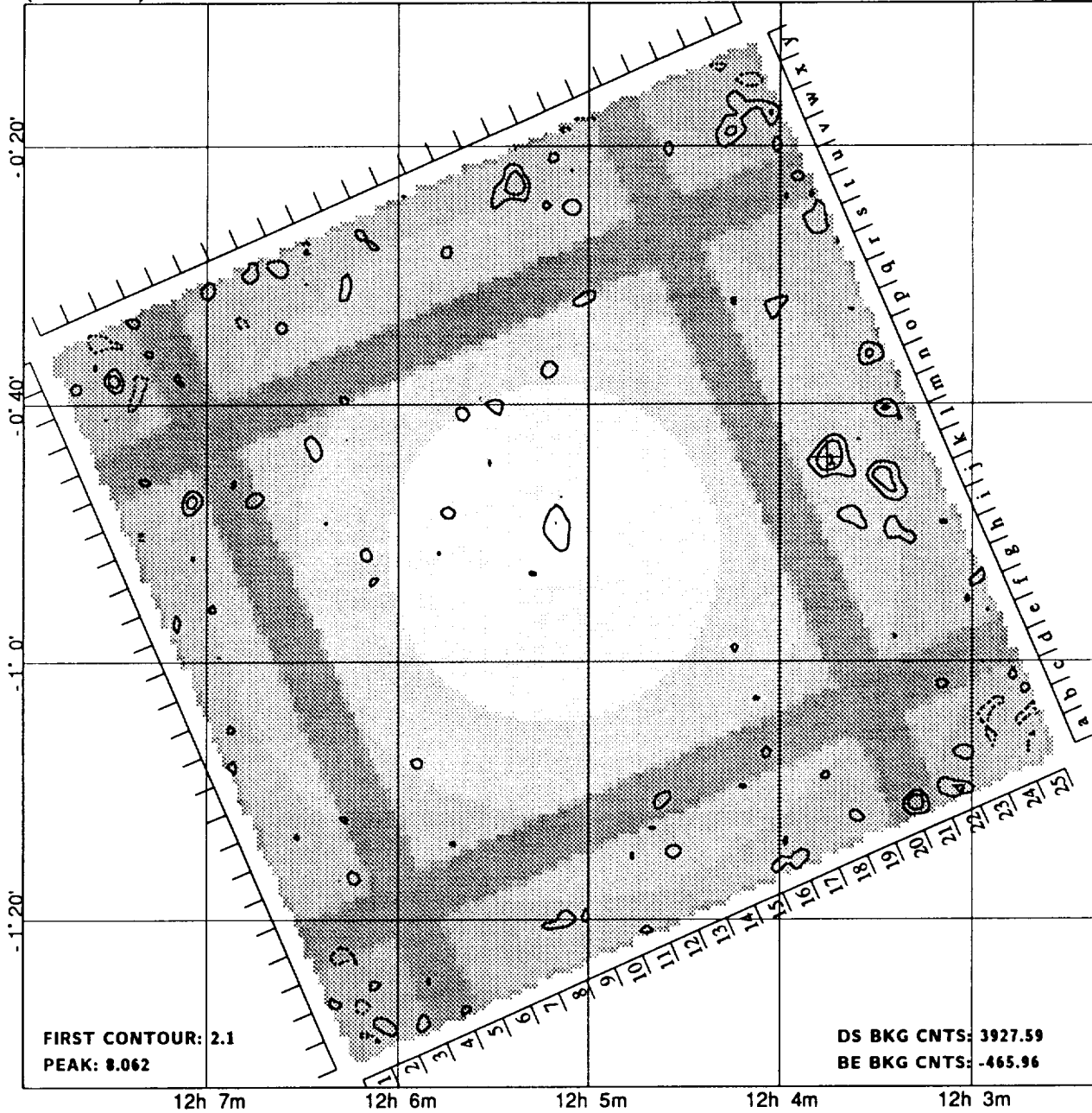
NH: $2.1\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $12^h 05^m 09.5^s -00^\circ 50' 59''$ (B1950)
 $12^h 07^m 43.3^s -01^\circ 07' 41''$ (J2000)
 $l: 290.76 \quad b: 59.85$

DATE: 1981/ 7 - 1981/ 7
 LIVETIME: 3182.6s
 ROLL ANGLE: -113.6°

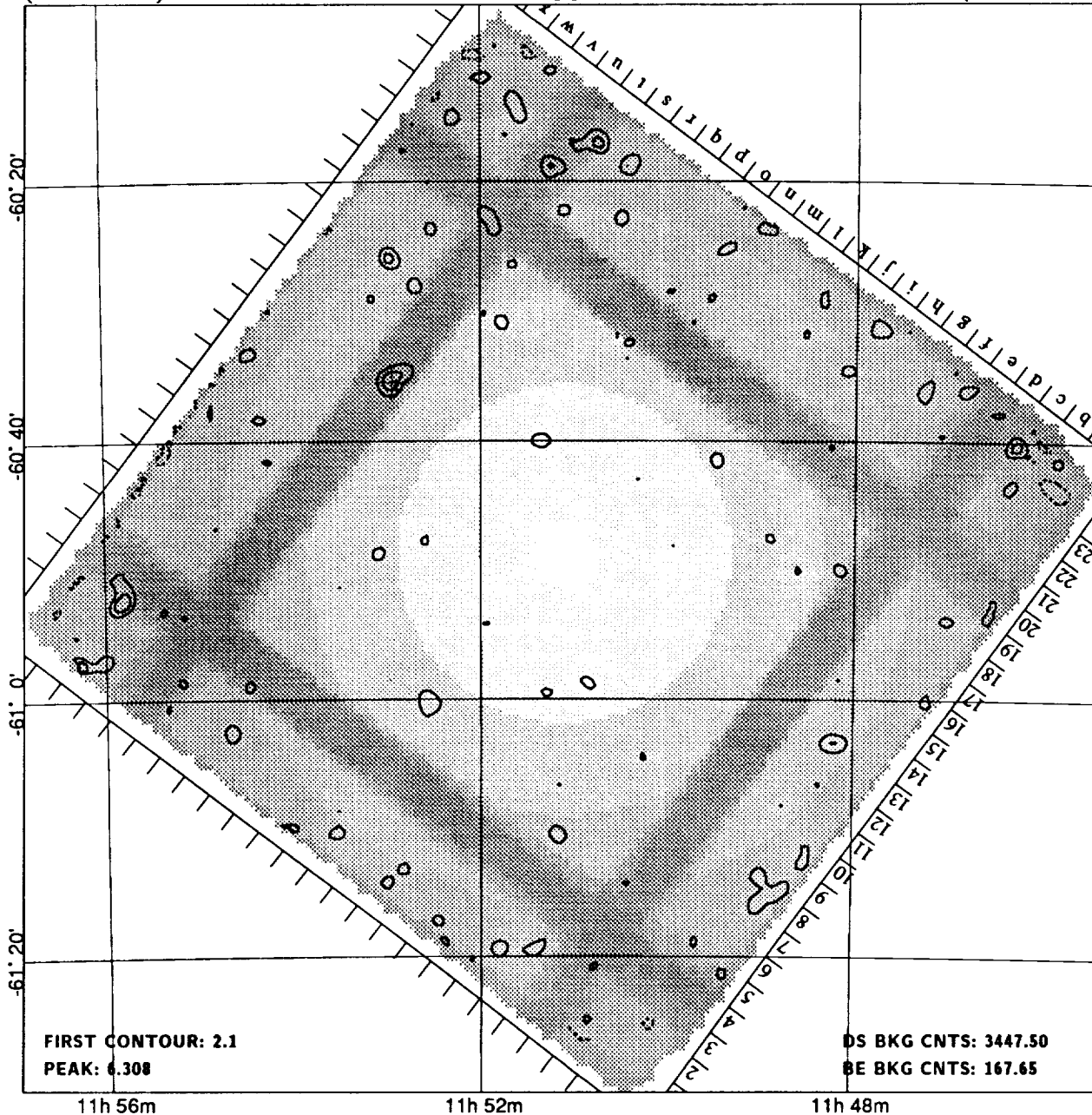
NH: $2.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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: $11^h 51^m 07.0^s$ $-60^\circ 48' 23''$ (B1950)
 $11^h 53^m 36.7^s$ $-61^\circ 05' 05''$ (J2000)
 $l: 296.00$ $b: 1.01$

DATE: 1980/ 36 - 1980/ 39
 LIVETIME: 2793.6s
 ROLL ANGLE: -143.2°

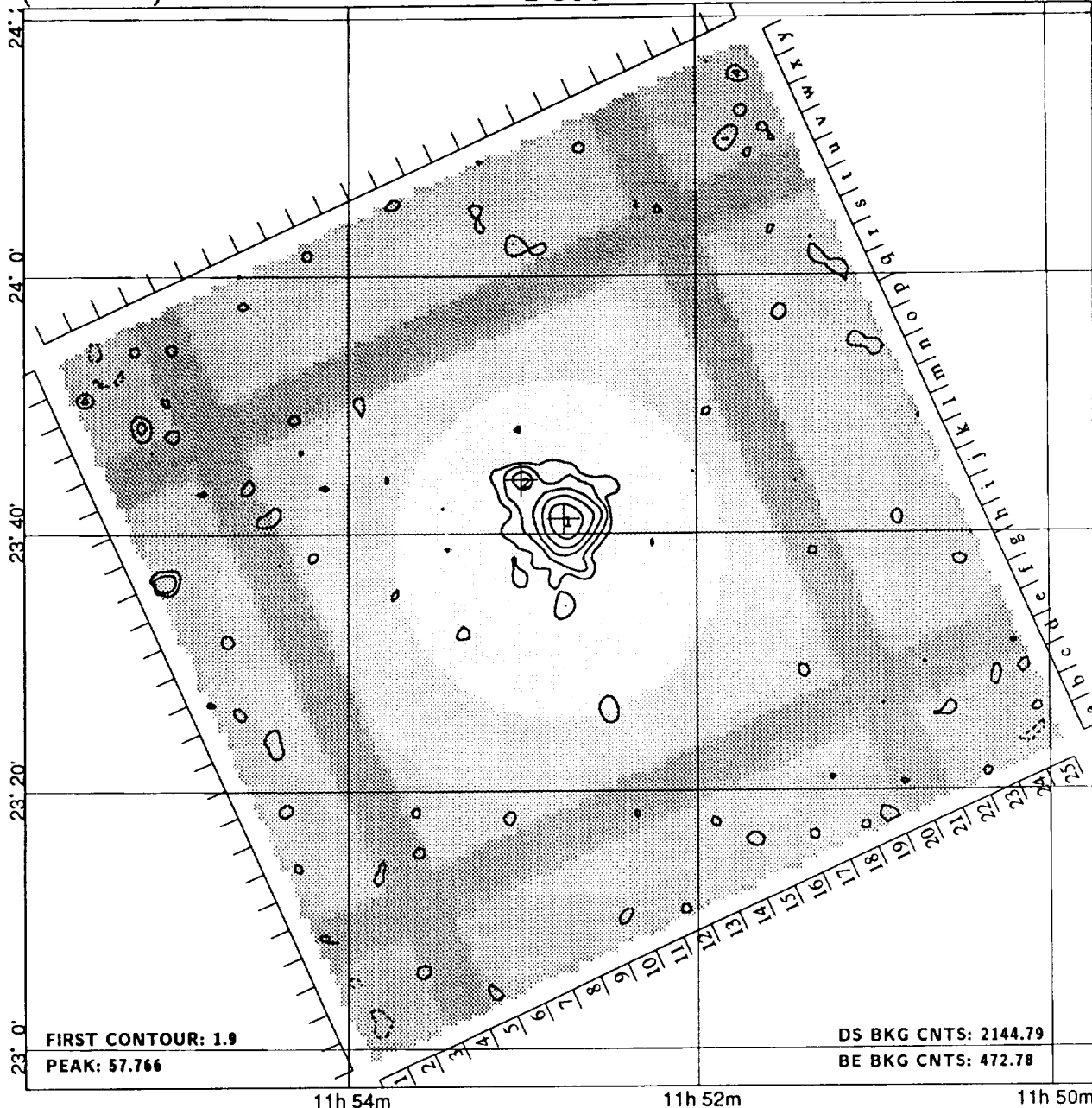
NH: $1.3E+21$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $11^{\text{h}}52^{\text{m}}48.0^{\text{s}}$ $23^{\circ}38'59''$ (B1950)
 $11^{\text{h}}55^{\text{m}}22.5^{\text{s}}$ $23^{\circ}22'18''$ (J2000)
 $l: 226.35$ $b: 76.79$

DATE: 1978/358 - 1978/358
 LIVETIME: 1738.0s
 ROLL ANGLE: -114.5°

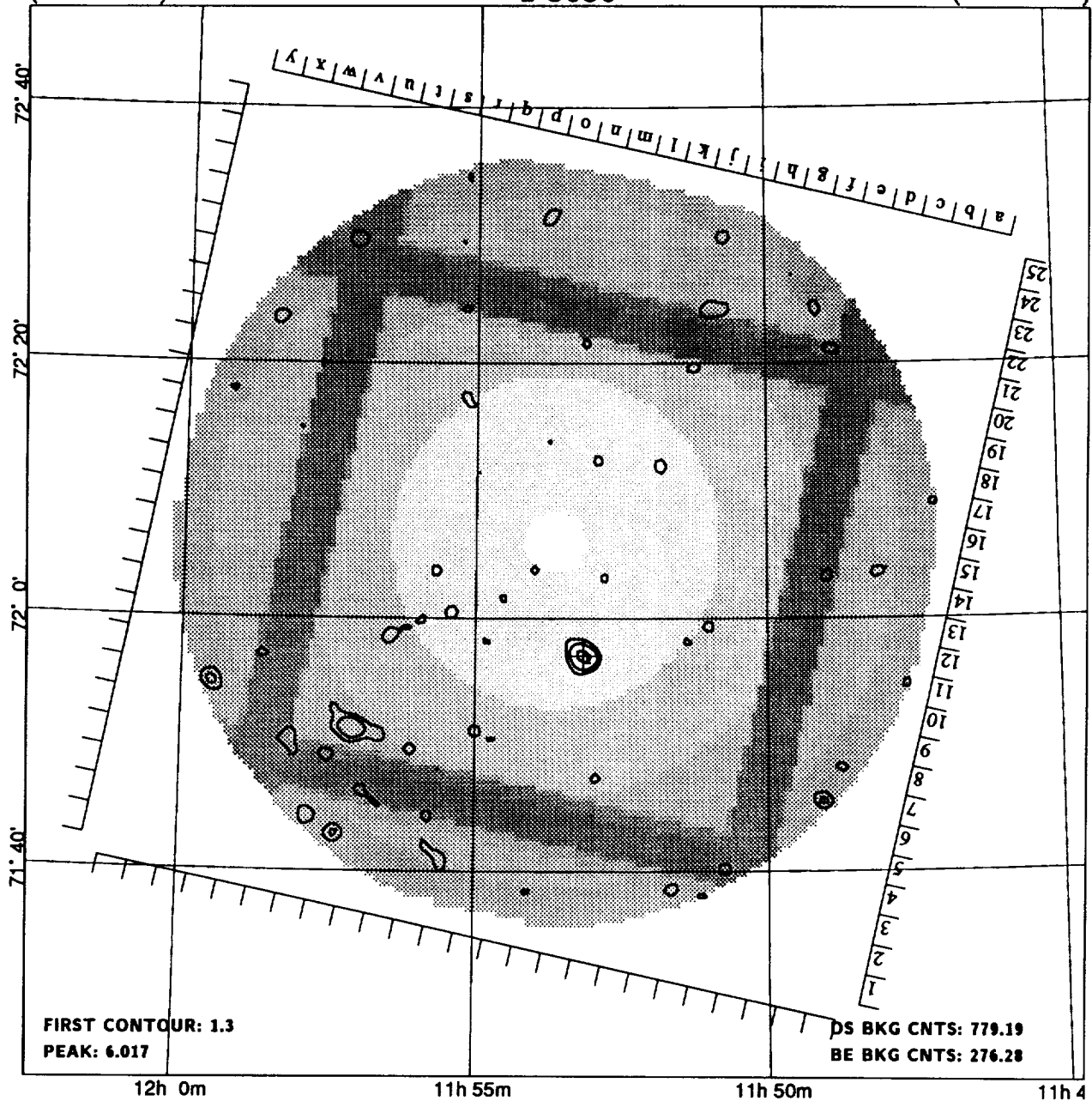
NH: $2.0\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(11h 53m)

I 3636

(11h 53m)



2A 1150+720, UNIDENTIFIED HIGH LATITUDE SOURCE

FIELD CENTER: $11^{\text{h}}53^{\text{m}}36.0^{\text{s}}$ $72^{\circ}05'59''$ (B1950)
 $11^{\text{h}}56^{\text{m}}14.3^{\text{s}}$ $71^{\circ}49'17''$ (J2000)
 $l: 128.94$ $b: 44.66$

DATE: 1979/278 - 1979/278
LIVETIME: 631.4s
ROLL ANGLE: -167.7°

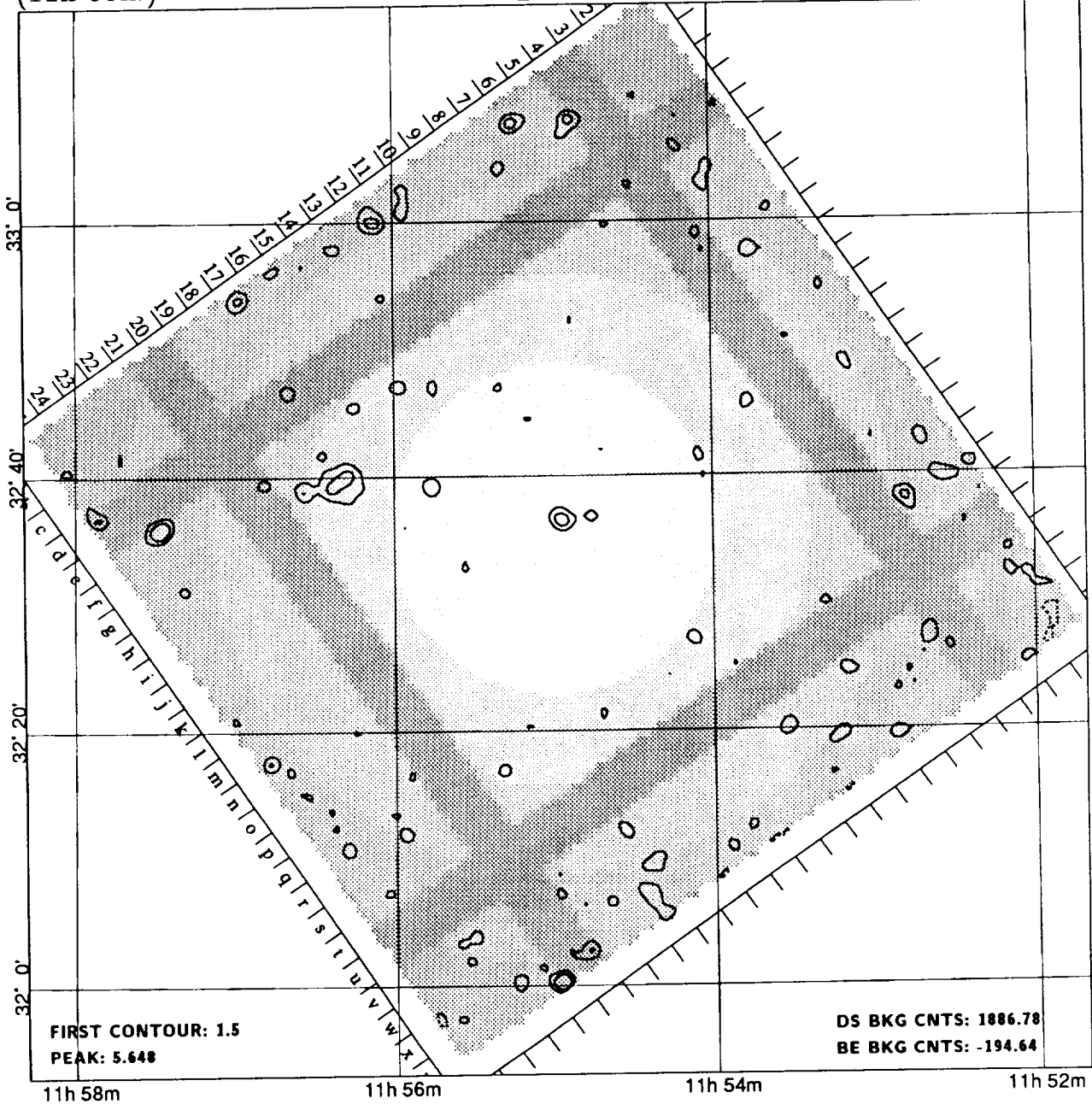
NH: $1.5E+20$
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(11h 55m)

I 443

(11h 55m)

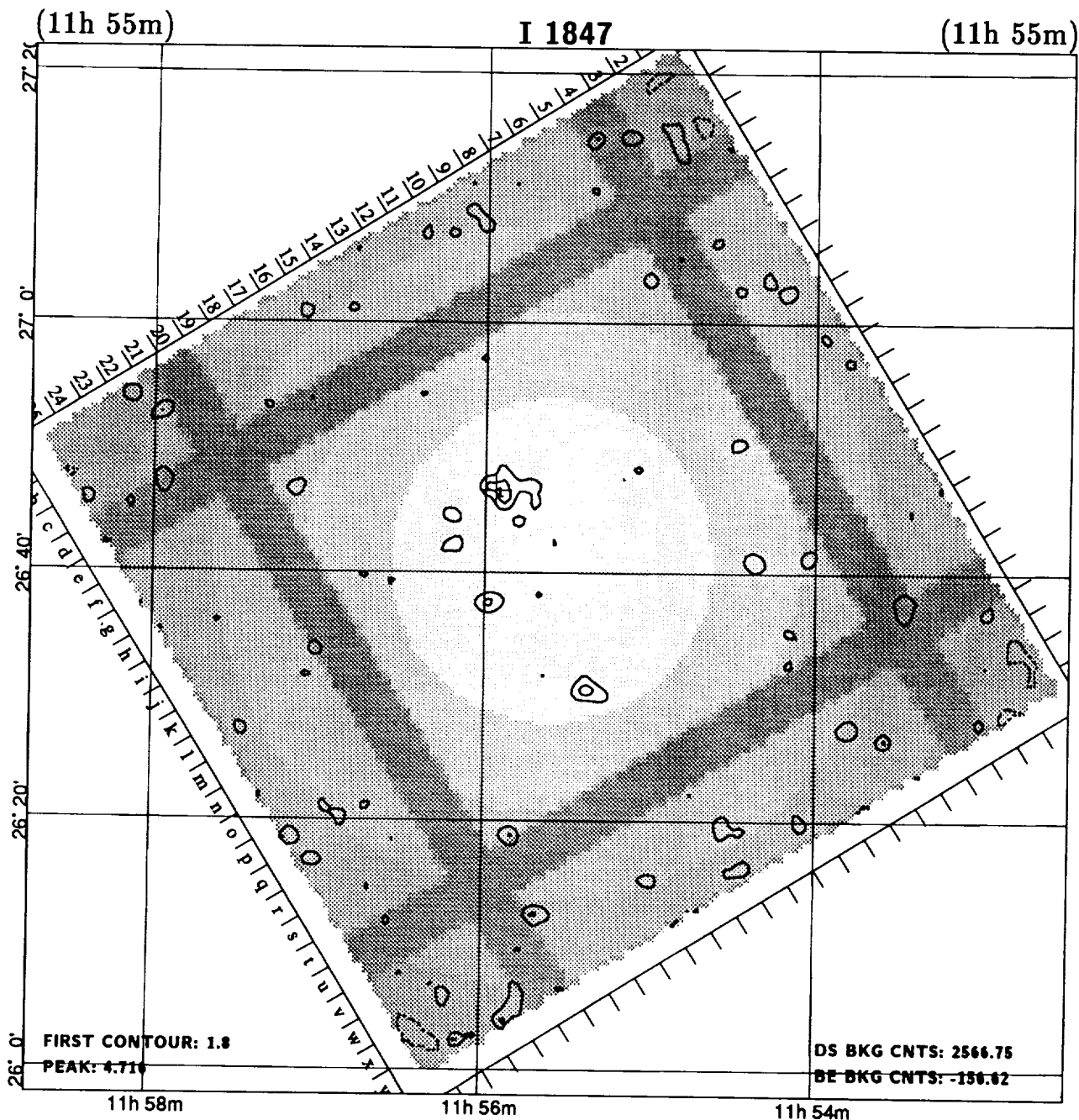


NGC 3991/94/95 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $11^h 55^m 00.0^s$ $32^\circ 34' 59''$ (B1950)
 $11^h 57^m 34.4^s$ $32^\circ 18' 17''$ (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: $11^{\text{h}}55^{\text{m}}36.0^{\text{s}}$ $26^{\circ}39'59''$ (B1950)
 $11^{\text{h}}58^{\text{m}}10.2^{\text{s}}$ $26^{\circ}23'17''$ (J2000)
 $l: 213.47$ $b: 78.09$

DATE: 1979/145 - 1979/145
 LIVETIME: 2079.9s
 ROLL ANGLE: 58.3°

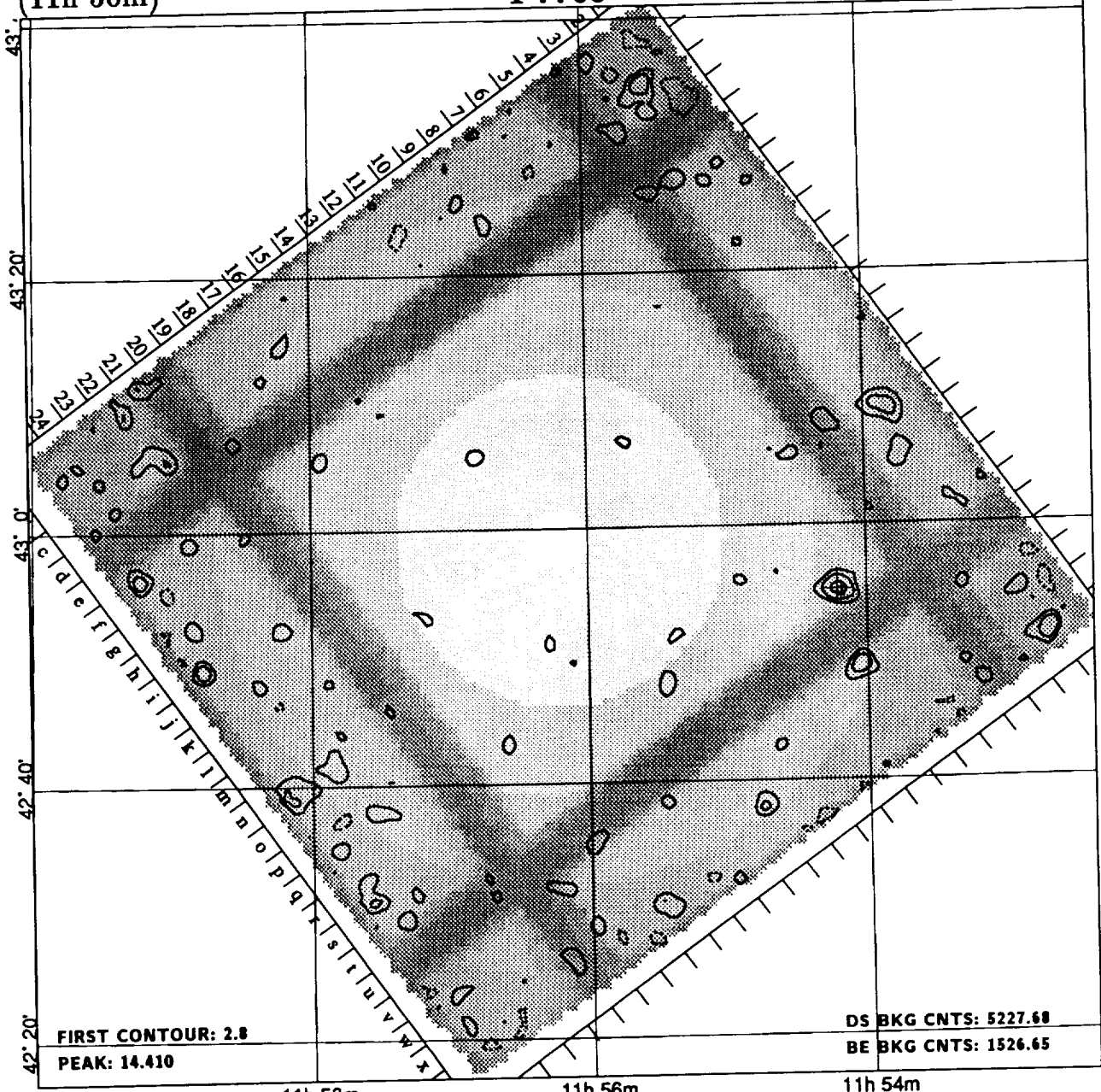
NH: $1.7\text{E}+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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)



FIRST CONTOUR: 2.8
PEAK: 14.410

DS BKG CNTS: 5227.68
BE BKG CNTS: 1526.65

11h 58m 11h 56m 11h 54m

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°

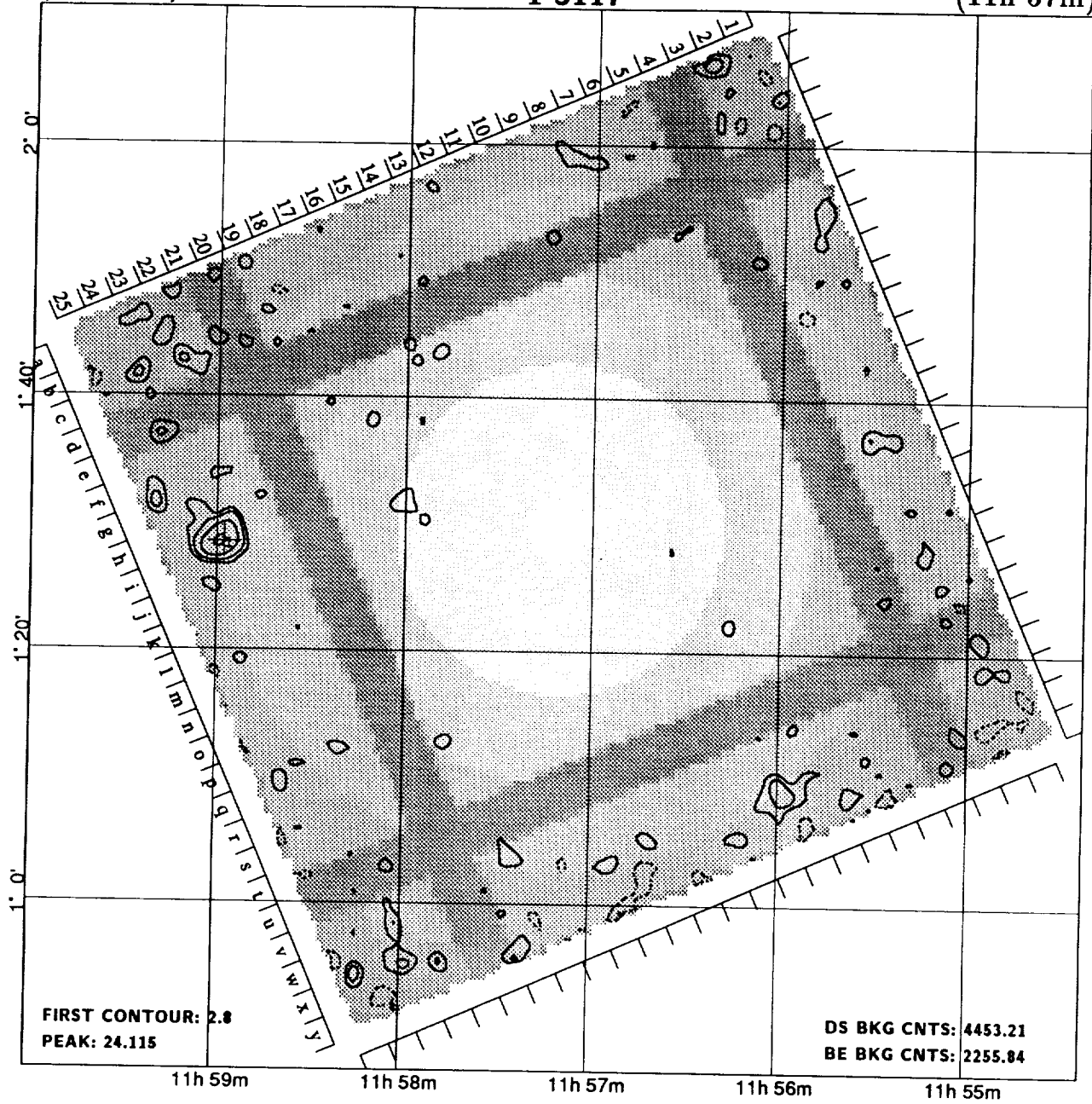
NH: 1.4E+20
REF/ID:
FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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

(11h 57m)

I 5117

(11h 57m)



QSO 1157+014

FIELD CENTER: $11^{\text{h}}57^{\text{m}}11.0^{\text{s}} 01^{\circ}28'50''$ (B1950)
 $11^{\text{h}}59^{\text{m}}44.7^{\text{s}} 01^{\circ}12'08''$ (J2000)
 $l: 275.22 \quad b: 61.26$

DATE: 1980/176 - 1980/176
 LIVETIME: 3608.6s
 ROLL ANGLE: 66.6°

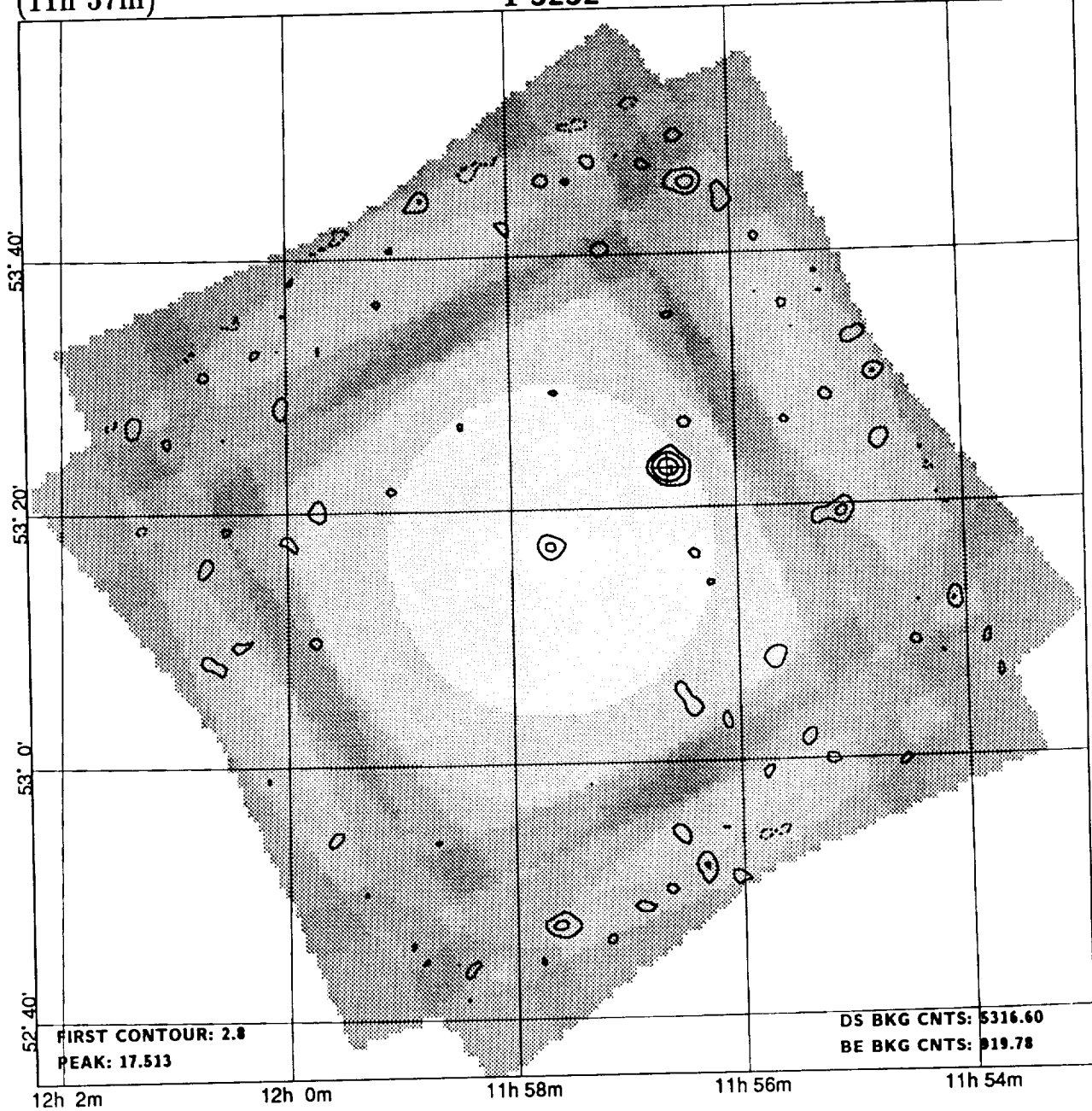
NH: $2.0\text{E}+20$
 REF/ID:
 FIELD FLAGS: L

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	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	

(11h 57m)

I 5232

(11h 57m)



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

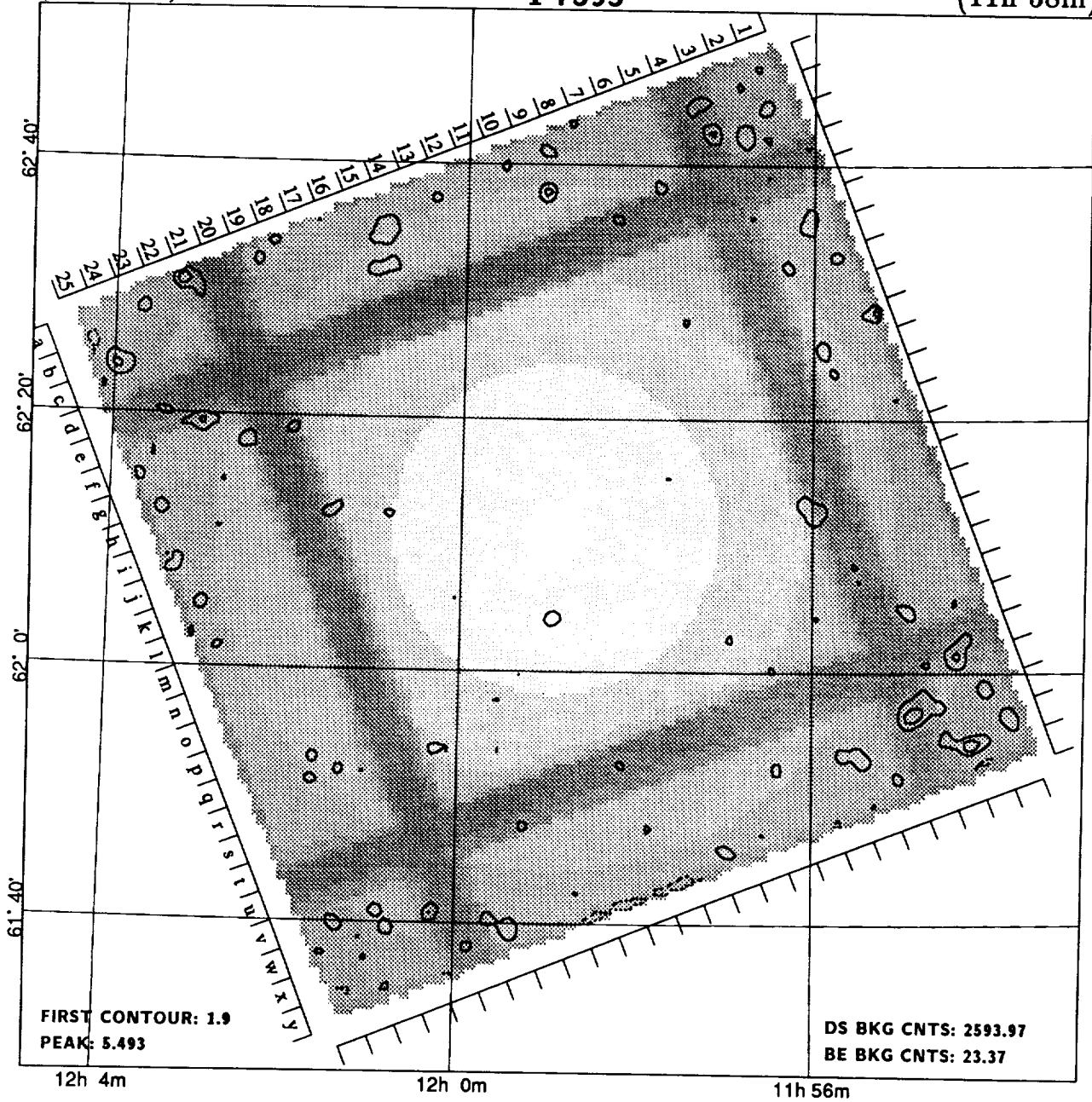
NH: 1.6E+20
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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

(11h 58m)

I 7593

(11h 58m)



N 4036, LOW IONISATION NUCLEAR EMISSION LINE GALAXIES

FIELD CENTER: $11^{\text{h}}58^{\text{m}}53.6^{\text{s}}$ $62^{\circ}10'22''$ (B1950)
 $12^{\text{h}}01^{\text{m}}27.2^{\text{s}}$ $61^{\circ}53'40''$ (J2000)
 $l: 132.98$ $b: 54.25$

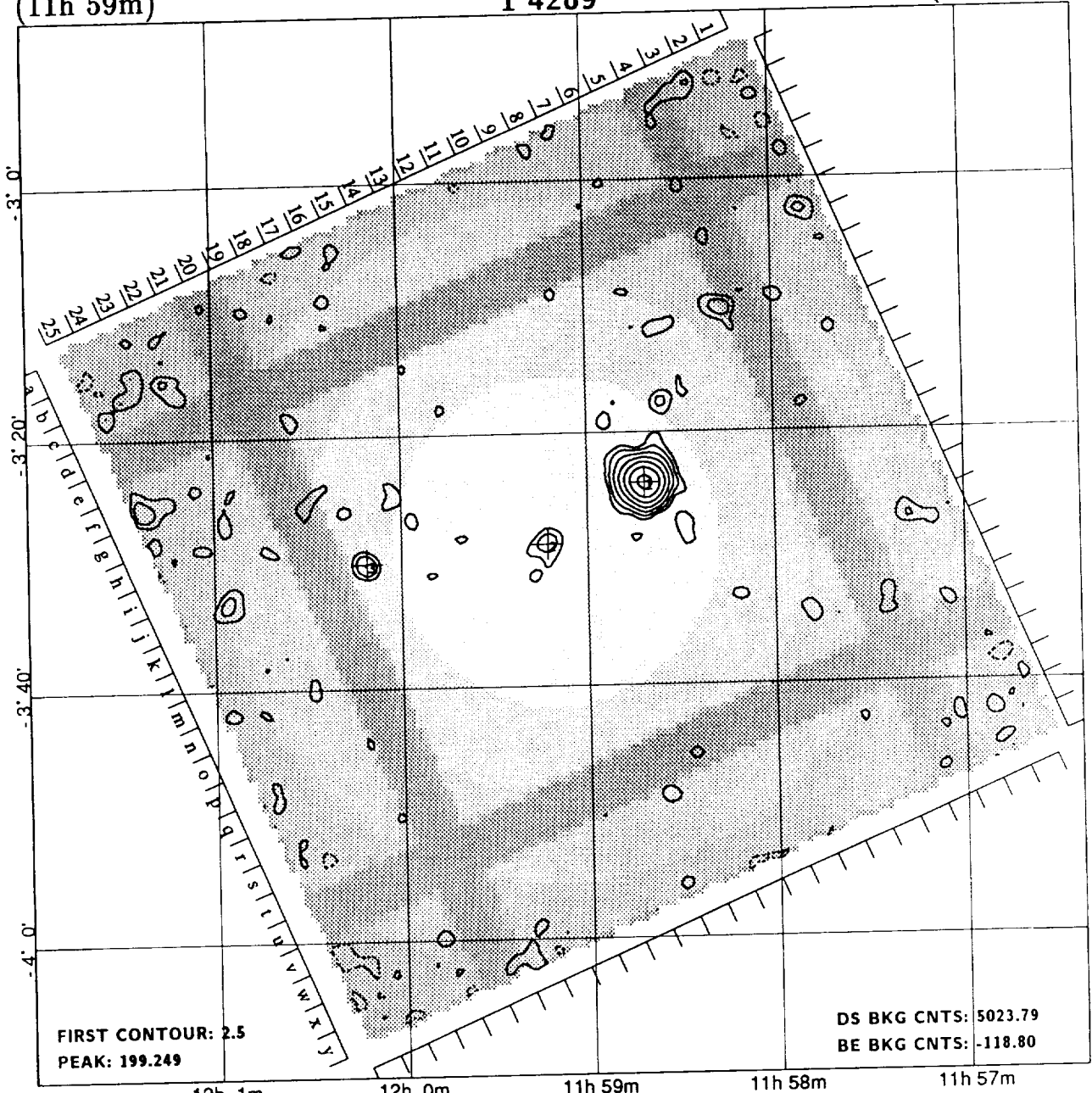
DATE: 1980/161 - 1980/161
LIVETIME: 2102.0s
ROLL ANGLE: 68.5°

NH: $2.1\text{E}+20$
REF/ID:
FIELD FLAGS:

(11h 59m)

I 4289

(11h 59m)



STARFIELD'S STAR

FIELD CENTER: $11^h 59^m 11.3^s -03^\circ 28' 45''$ (B1950)
 $12^h 01^m 45.0^s -03^\circ 45' 28''$ (J2000)
 $l: 279.81 \quad b: 56.87$

DATE: 1979/171 - 1979/171
 LIVETIME: 4070.9s
 ROLL ANGLE: 66.6°

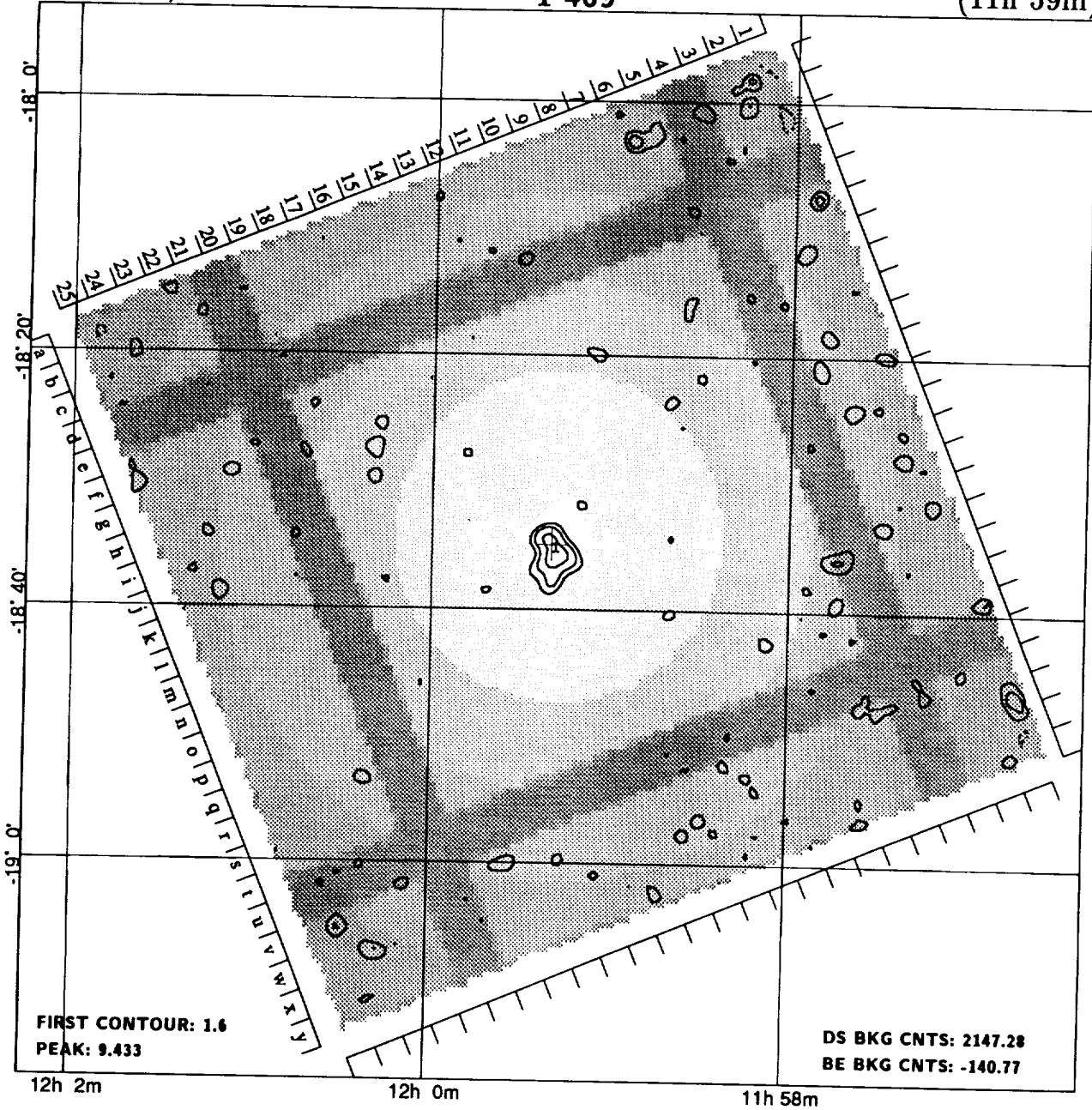
NH: $2.5E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	± "	COUNT RATE	±	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC ID FLG
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	H
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

(11h 59m)

I 469

(11h 59m)



NGC 4038/39 ABNORMAL GALAXIES SURVEY

FIELD CENTER: $11^h 59^m 18.0^s$ $-18^\circ 34' 59''$ (B1950)
 $12^h 01^m 51.8^s$ $-18^\circ 51' 42''$ (J2000)
 $l: 286.95$ $b: 42.47$

DATE: 1979/172 - 1979/172
 LIVETIME: 1740.0s
 ROLL ANGLE: 67.8°

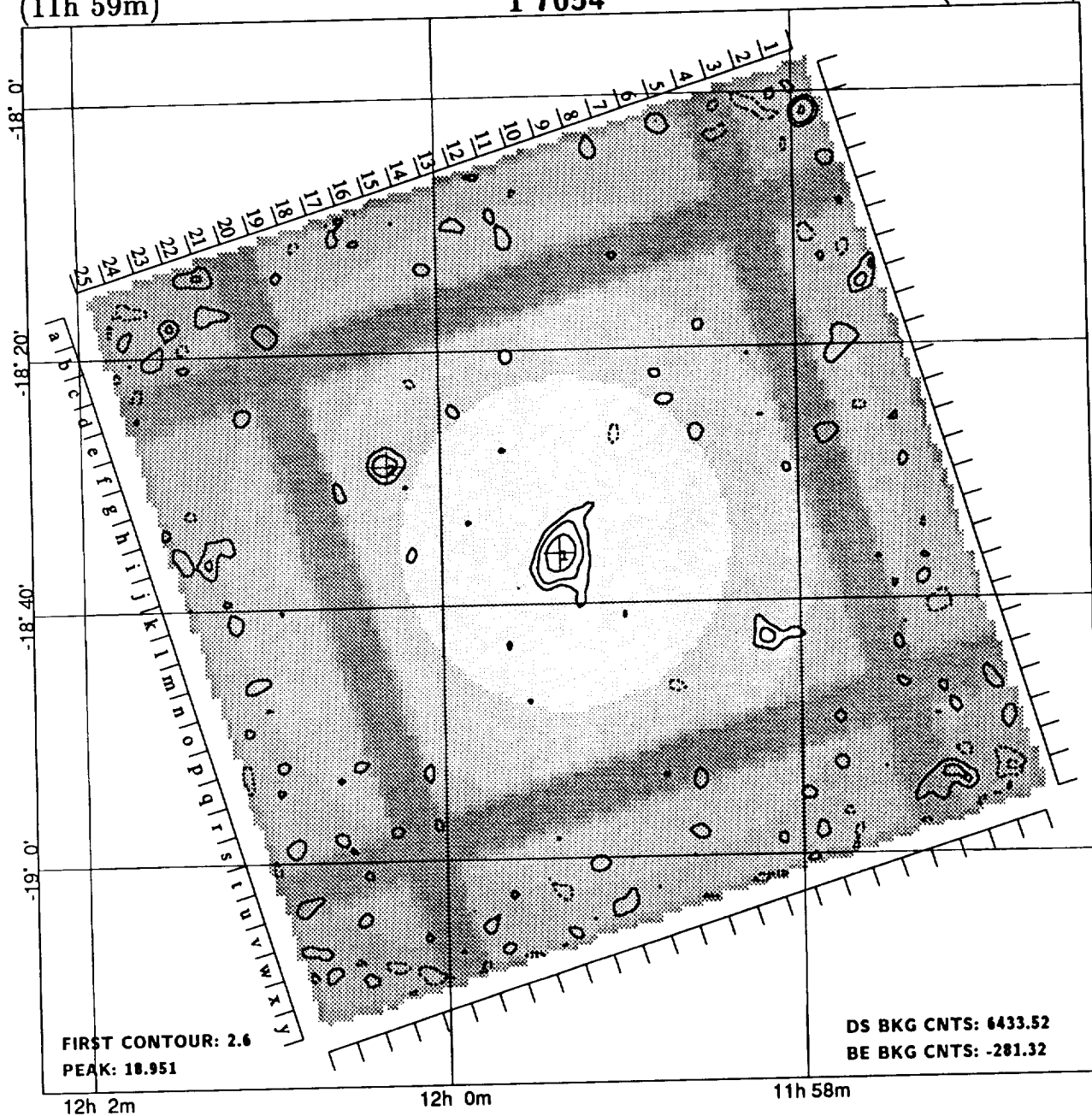
NH: $4.1E+20$
 REF/ID:
 FIELD FLAGS:

CAT #	FLD #	RA (1950)	DEC (1950)	\pm "	COUNT RATE	\pm	NET CTS	BKG CTS	S/N	SIZE COR	RECO	R'	SRC 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: $11^{\text{h}}59^{\text{m}}20.0^{\text{s}} -18^{\circ}35'41''$ (B1950)
 $12^{\text{h}}01^{\text{m}}53.8^{\text{s}} -18^{\circ}52'24''$ (J2000)
 $l: 286.96 \quad b: 42.46$

DATE: 1980/166 - 1980/166
 LIVETIME: 5213.2s
 ROLL ANGLE: 72.7°

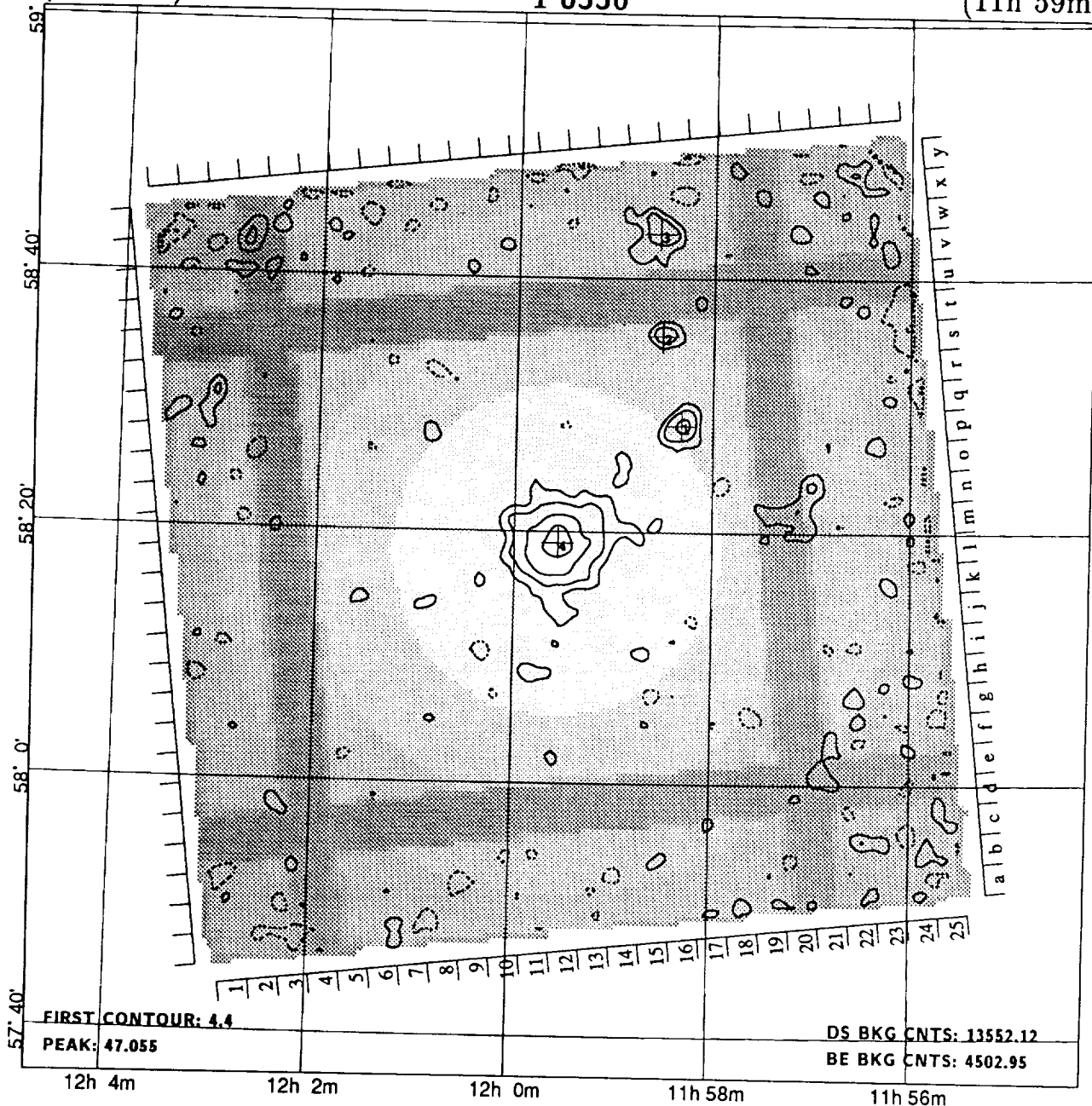
NH: 4.1E+20
 REF/ID:
 FIELD FLAGS:

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	

(11h 59m)

I 8350

(11h 59m)



A1446, CLUSTERS OF GALAXIES W/RADIO SOURCES

FIELD CENTER: $11^h 59^m 31.0^s$ $58^\circ 18' 49''$ (B1950)
 $12^h 02^m 04.3^s$ $58^\circ 02' 07''$ (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)	\pm "	COUNT RATE	\pm	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

REPORT DOCUMENTATION PAGE

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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 describes 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 documentation describing how the catalog was constructed, volume 1 contains a complete source list, results for 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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