LRA 14/76

RADIOMAPPE AD ALTA RISOLUZIONE DI RADIO GALASSIE IDENTIFICATE CON SORGENTI DEL CATALOGO B2

II CAMPIONE

Isabella Maria GIOIA

marzo 1976

16

WS 300

	WS300.070832B	107.14000	32.39377			7	8	33.60	32	23 37.6
	WS300.082832AB	127.08583	32.49356			8	28	20.60	32	29 36.9
	WS300.083629	129.05583	29.02135			8	36	13.40	29	1 16.9
	WS300.083832A	129.52832	32.59421			8	38	6.80	32	35 39.2
	WS300.084331	130.90958	31.61914			8	43	38.30	31	37 9.0
	WS300.090837	137.18916	37.60912			9	8	45.40	37	36 32.9
	WS300.092236B	140.64291	36.66798			9	22	34.30	36	40 4.8
	WS300.100326	150.95583	26.15671			10	3	49.40	26	9 24.2
	WS300.100335	150.77249	35.14635	3C 236		10	3	5.40	35	8 46.9
	WS300.103036 no	157.65125	36.35555			10	30	36.30	36	21 20.0
	WS300.100528	151.27666	28.27477			10	5	6.40	28	16 29.2
	WS300.103336 ?	158.31166	36.37529	Non ident. Same B. m=17.		10	33	14.80	36	22 31.1
	WS300.103730	159.42790	30.22737			10	37	42.70	30	13 38.6
	WS300.104139 no	160.39333	39.28166			10	41	34.40	39	16 54.0
	WS300.111324	168.34999	24.95668			11	13	24.00	24	57 24.1
2u	WS300.111628	169.07957	28.17551			11	16	19.10	28	10 31.9
	WS300.114137	175.45833	37.41846			11	41	50.00	37	25 6.5
	WS300.120424	181.14291	24.18509			12	4	34.30	24	11 6.4
	WS300.120434	181.25208	34.15593			12	5	0.50	34	9 21.4
	WS300.121130 no	182.90125	30.45427			12	11	36.30	30	27 15.4
	WS300.122526A	186.26457	26.50658			12	25	3.50	26	30 23.7
	WS300.123827A	189.67125	27.85356			12	38	41.10	27	51 12.9
	WS300.124326B	190.97749	26.72765			12	43	54.60	26	43 39.6
	WS300.125127B	192.94249	27.39738	3C 277.3		12	51	46.20	27	53 50.6
	WS300.130032	195.22041	32.10693			13	0	52.90	32	6 25.0
	WS300.130331B	195.86790	31.17221			13	3	28.30	31	10 20.0
	WS300.131629	199.17915	29.90555			13	16	43.00	29	54 20.0
2u	WS300.133926B	204.87791	26.62221			13	39	30.70	26	37 20.0
	WS300.134728	206.98457	28.52609			13	47	56.30	28	31 34.0
	WS300.135728	209.43832	28.74109			13	57	45.20	28	44 28.0
	WS300.135828 ?	209.71375	28.91527			13	58	51.30	28	54 55.0
	WS300.135830C	209.63916	30.60599			13	58	33.40	30	36 21.6
	WS300.143025	217.61208	25.14110			14	30	26.90	25	8 28.0
2u	WS300.144126	220.47458	26.23082			14	41	53.90	26	13 51.0
2u	WS300.144727 ?	221.82416	27.98692			14	47	17.80	27	59 13.0
	WS300.145028	222.59915	28.17082			14	50	23.80	28	10 15.0
	WS300.145528	223.93958	28.73776			14	55	45.50	28	44 16.0
	WS300.145729	224.39333	29.25638			14	57	34.40	29	15 23.0
	WS300.150226	225.69540	26.20943	3C 310		15	2	46.90	26	12 34.0
	~~WS300.150229~~	~~225.53458~~	~~28.76413~~			15	2	8.30	28	45 50.9
	WS300.151126	227.87833	26.31081	3C 315		15	11	30.80	26	18 39.0
	WS300.151230	227.99750	30.33167			15	11	59.40	30	19 54.0
	WS300.152128	230.33916	28.80193			15	21	21.40	28	48 7.0
	WS300.152730	231.93040	30.88026			15	27	43.30	30	52 49.0
	WS300.152829	232.02458	29.17856			15	28	5.90	29	10 42.9
	WS300.155530	238.95915	30.84662			15	55	50.20	30	50 47.9
2u	WS300.155726	239.44124	26.08096			15	57	45.90	26	4 51.5
18	WS300.160931	242.42624	31.17812			16	9	42.30	31	10 41.3
	WS300.161327	243.37041	27.57266			16	13	28.90	27	34 21.6
	WS300.161532	243.94499	32.49687	3C 332		16	15	46.80	32	29 48.8
	WS300.163729 ?	249.34250	29.94647			16	37	22.20	29	56 47.4
	WS300.163832	249.64542	32.18584			16	38	34.90	32	11 9.1
	WS300.164327	250.86082	27.42503			16	43	26.60	27	25 30.2
	WS300.165732A	254.28583	32.56783			16	57	8.60	32	34 4.2
	WS300.165830	254.70374	30.20898			16	58	48.90	30	12 32.4
	WS300.165832A	254.57791	32.66026			16	58	18.70	32	39 37.0
	~~WS300.170939~~	~~257.31982~~	~~39.75194~~			17	9	16.80	39	45 7.0
	WS300.172631	261.61401	31.80695	3C 357		17	26	27.40	31	48 25.1
	WS300.173632	264.18823	32.95996			17	36	45.20	32	57 35.9
	WS300.174730B	266.98437	30.31543			17	47	56.30	30	18 55.6
	WS300.175232B	268.18530	32.57910			17	52	44.50	32	34 44.8
	WS300.182732A	276.77026	32.29996			18	27	4.90	32	17 59.9

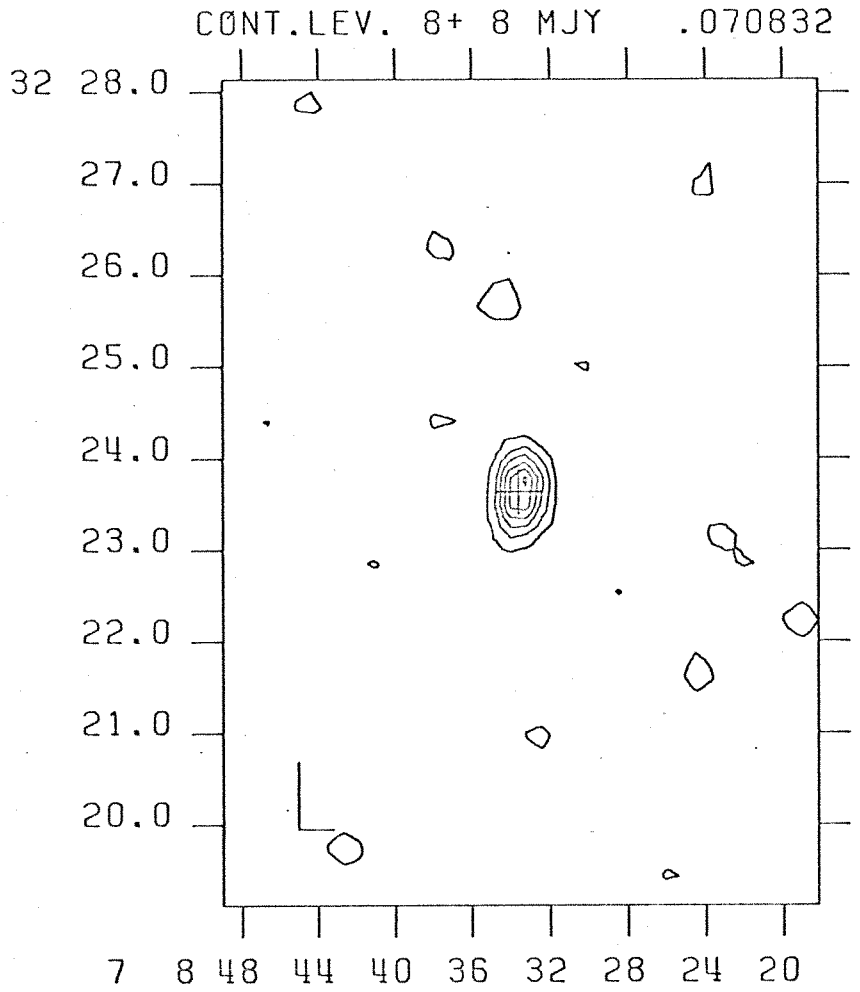
Vengono presentate le mappe radio di 43 galassie ellittiche identificate con radiosorgenti del catalogo B2. Esse costituiscono il 75% di un campione di radiogalassie. Dal punto di vista ottico tale campione è completo sino alla magnitudine visuale $m_v \leq 16.5$, dal punto di vista radio il limite è quello del catalogo B2, $S_{408} \geq 0.25$ Jy a 408 MHz. Le restanti galassie del campione non compaiono in quanto hanno dati di struttura radio già disponibili in letteratura.

Le osservazioni sono state fatte con il radiotelescopio di Westerbork a 1415 MHz; per ciascuna sorgente sono state fatte da 3 a 5 osservazioni per diversi angoli di posizione, ciascunaper un tempo non inferiorea dieci minuti. Per alcune galassie appartenenti a clusters di Abell si avevano a disposizione sino a 10 osservazioni. Ulteriori misure verranno fatte per migliorare la struttura radio di ciascuna sorgente. Nella Tabella 1 viene mostrata la lista delle galassie con la indicazione dei loro flussi radio ed ottici e della appartenenza a clusters di Abell. In ciascuna mappa qui presentata la posizione ottica della radiogalassia é segnata da una croce. In generale i livelli di contorno del flusso sono multipli interi di un valore dato. Viene anche mostrata la semiampiezza a metà potenza del fascio del radiotelescopio di Westerbork mediante una L in ciascuna mappa, i cui bracci rappresentano appunto le semidimensioni del fascio in N-S ed E-O. Una discussione sulle proprietà radio ottiche delle galassie di questo campione, arricchito da ulteriori dati, verrà pubblicata in seguito insieme ad altri ricercatori.

Tabella 1

NAME		S_{408}	θ''	l_{kp}	m_v	z
070832B		0.29			15.8	.0672
082832		2.2 2.17	280"	210	14.9	.0507
083629	A 690	1.14	300"	360	14.5	.079
083832A	695	1.61	180"	180	14.0	.068
084331		0.37	180"	180	16.5	.0665
090837		1.19	< 20"	< 30	15.5	.104
092236B		1.82	150"	250	15.6	.1125
100326	923	0.30	< 20"	< 35	16.6	.1165
100528		0.25	180"	400	16.4	.1476
103730		1.15	< 20"	< 27	16.4	.0908
111324		0.26	< 20"	< 30	15.0	.1021
111628		0.73	220"	220	14.3	.0667
114137		2.35 2.79	270"		16.5	
120424		0.27	< 20"	< 25	15.2	.0769
120434		1.01	35"	41	15.8	.0788
122526B		0.33			16.1	.0636
124326B	1609	0.89	200"	270	14.9 16.0	.0881
130331B	1677	0.32	< 20"	< 55	16.7	.18167
133926	1775	1.26	200"	220	14.2	.0757 .0688
134728	1800	0.52	25"	27	14.9	.0724
135728	1831	0.69	125"	120	14.4	.0629
135828		0.88	< 20"	< 25	14.9	.0823
143025		1.39	70"	85	15.7	.0813
144126		0.56	180	170	14.3	.0621
144727		0.34	75"?	35	14.2	.0306
145028	1934	0.38	25"	47	16.5	.1265
145528		1.64	200	420	16.8	.1411

NAME		S_{408}	θ	ℓ_{HP}	m_v	z
151230		0.27	< 20"	< 28	15.4	.0931
152128		1.57	170"	210	15.4	.0825
152730	A 2083	0.45	< 20"	< 35	15.0	.1143
155530B		0.74	180"	200	16.1	.0748
155726		0.25	30"	20	14.3	.0442
160931		0.22	< 20"	< 30	15.6	.0944
163327		0.45	< 20"	< 20	14.4	.0647
163729		0.55			14.5	.0875
163832		0.60	< 20"	< 40	15.8	.1398
164327		0.29	100"	150	15.8	.1017
165832		0.60	120"		16.1	
165830		1.21	50"	26	14.7	.0351
173632		0.60	~ 20"	22	14.7	.0741
174730B		0.22	~ 30"	58	16.7	.1297
175232B		0.32	~ 50"	34	14.3	.0449
182732A		0.52	~ 80"	80	14.7	.0659



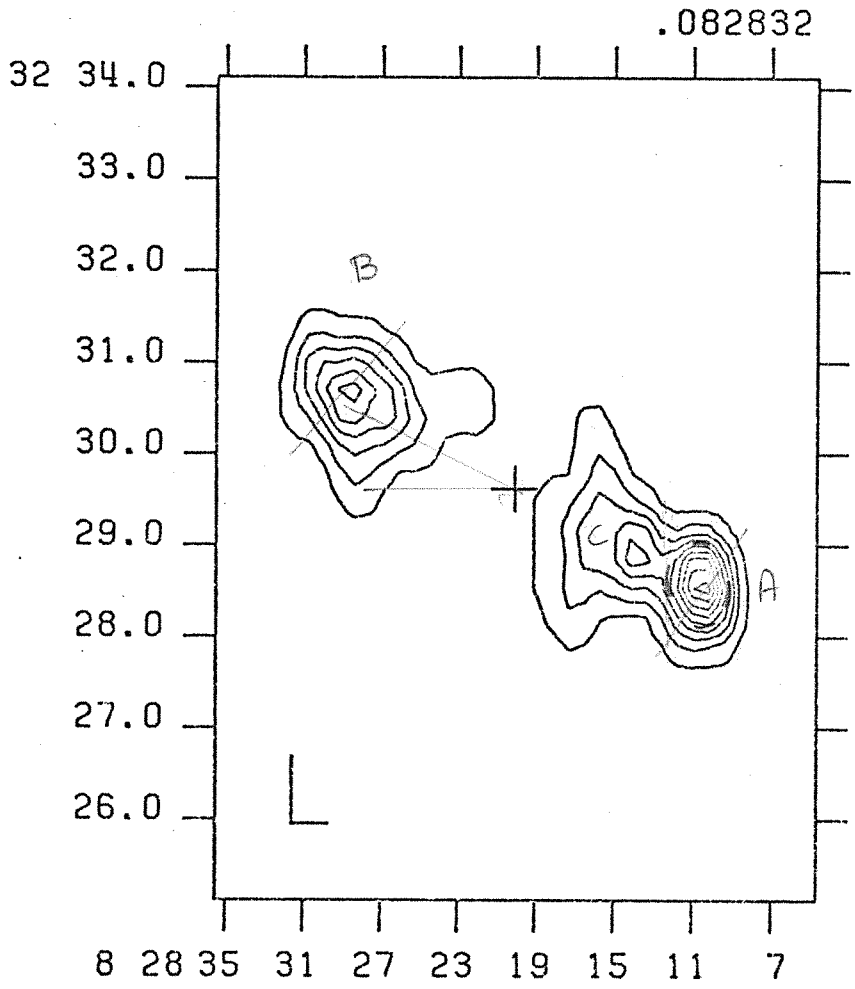
WC115.070832 7 8 33.6 32 23 37.6 SMAX=53.7 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(8.0 16.0 24.0 +8)M.F.U.

TAPER= 23.0 BEAM=(23.5X43.8) NOISE(1XR.M.S.)= 0.9 M.U.

DSN=C070832.CW1 0. SUBTR. *CLEAN*



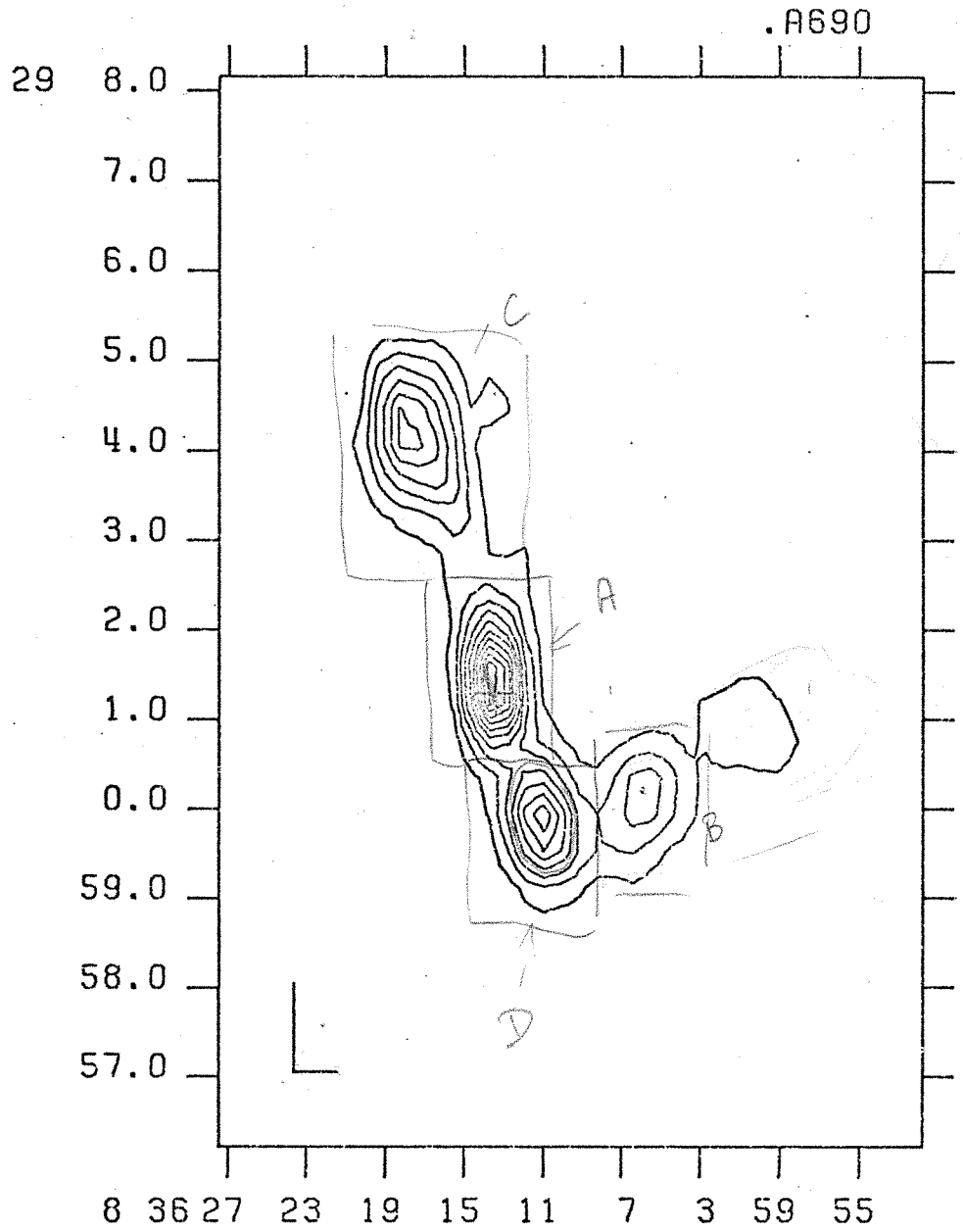
WC115.082832 8 28 20.1 32 29 37.0 SMAX=237.6M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(25.0 50.0 75.0 +29 M.F.U.

TAPER= 23.0 BEAM=(23.6X44.4) NOISE(1XR.M.S.)= 0.9 M.U.

DSN=C062832.CW1 0. SUBTR. *CLEAN*



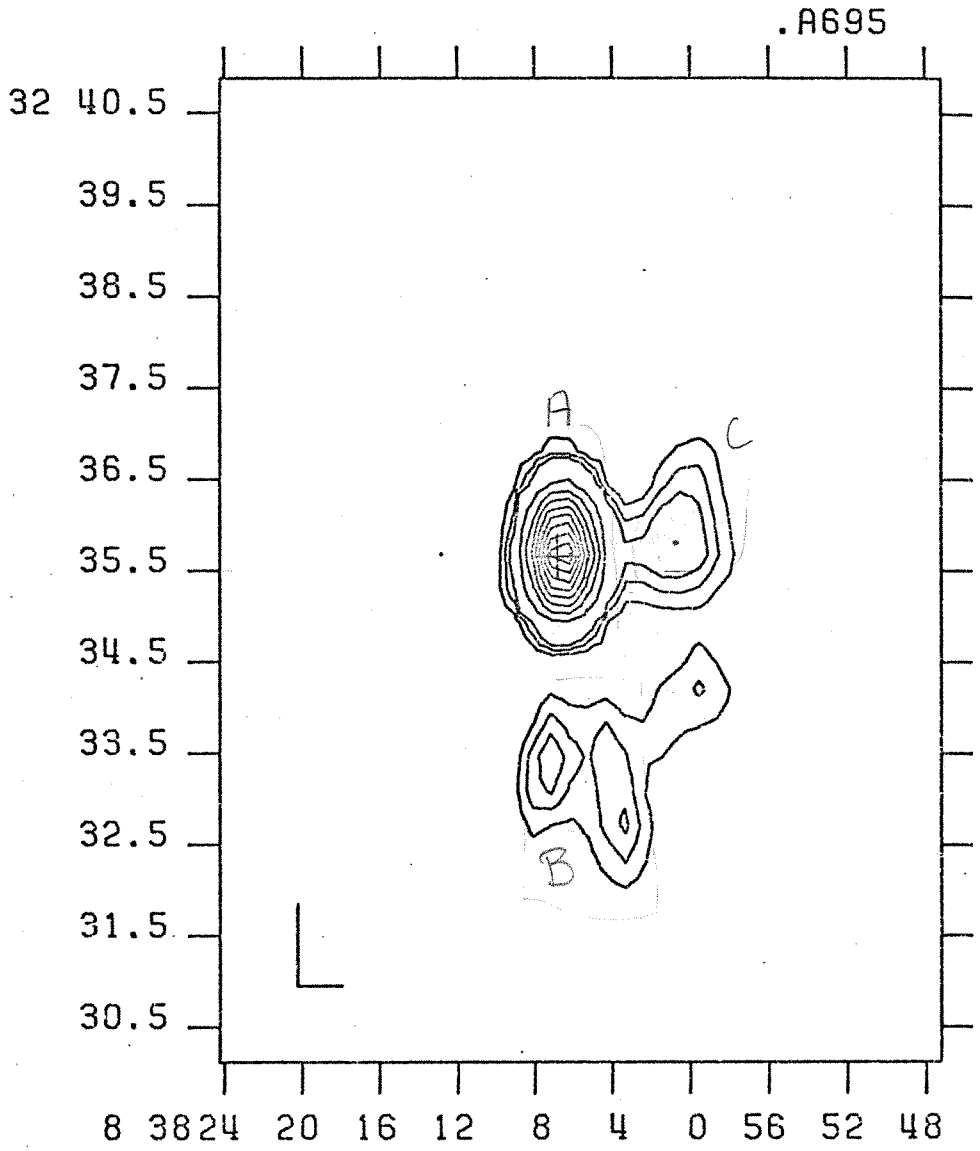
WC105.A690 8 36 14.2 29 2 12.0 SMAX=161.2M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=[15.0 30.0 45.0 +19 M.F.U.

TAPER= 15.0 BEAM=(29.0X59.7) NOISE(1XR.M.S.)= [illegible]

DSN=C083629.CW1 0. SUBTR. *CLEAN*



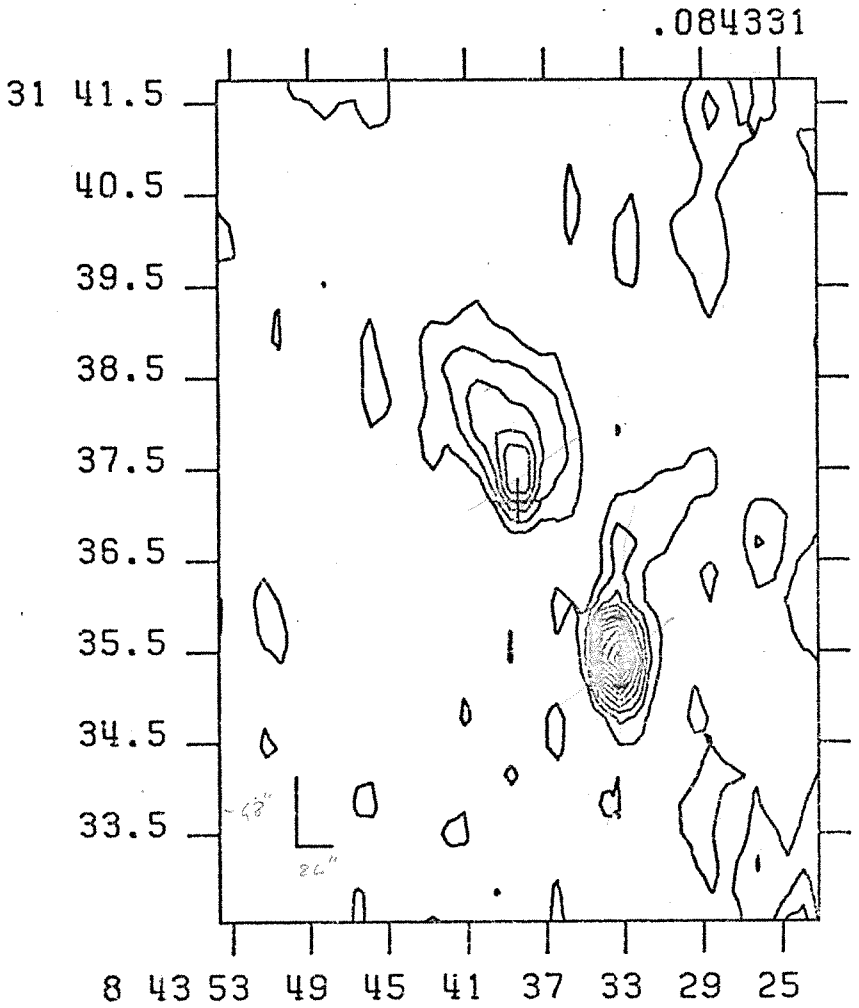
WC105.A695 8 38 5.7 32 35 30.0 SMAX=438.0M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=[3.0 6.0 9.0 +18XR.M.S.

TAPER= 20.0 BEAM=(29.3X54.5) NOISE(1XR.M.S.)= 0.5 M.U.

DSN=AB0695X.CN1 0. SUBTR. *CLEAN*



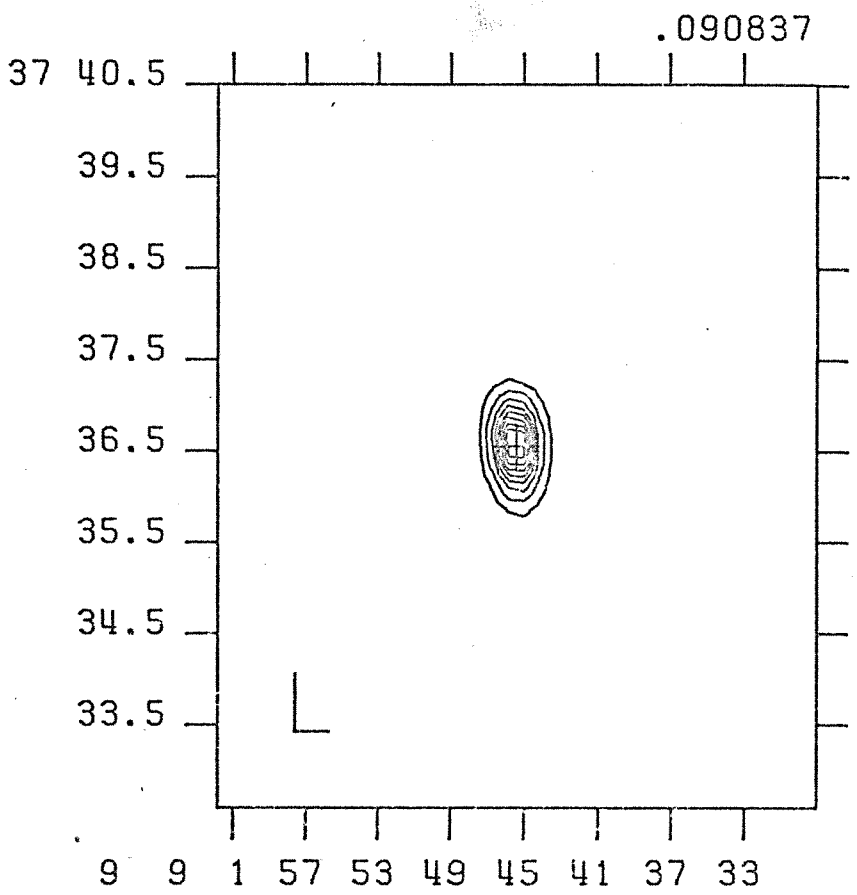
WC115.084331 8 43 36.4 31 37 9.0 SMAX=47.0 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(4.0 8.0 12.0 +4)M.F.U.

TAPER= 23.0 BEAM=(23.8X45.3) NOISE(1XR.M.S.)= 0.7 M.U.

DSN=C084431.CW1 0. SUBTR. *CLEAN*



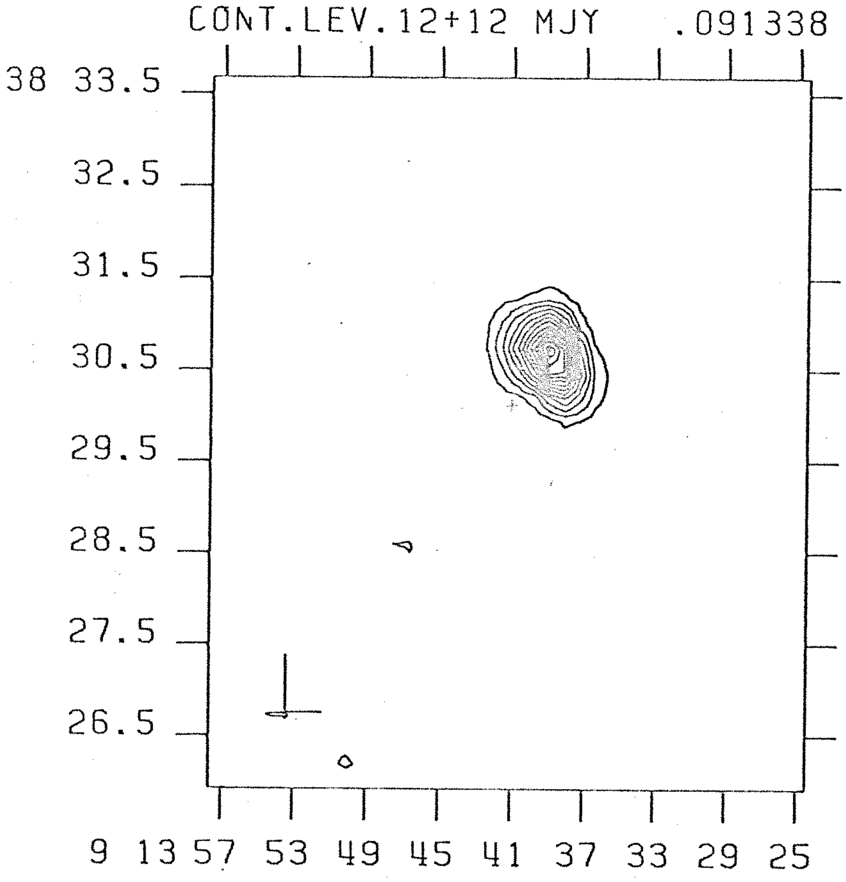
WC115.090837 9 8 45.4 37 36 33.0 SMAX=388.5M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(10.0 20.0 30.0 +8)XR.M.S.

TAPER= 23.0 BEAM=(23.6X38.7) NOISE(1XR.M.S.)= 1.0 M.U.

DSN=C090837.CW1 0. SUBTR. *CLEAN*



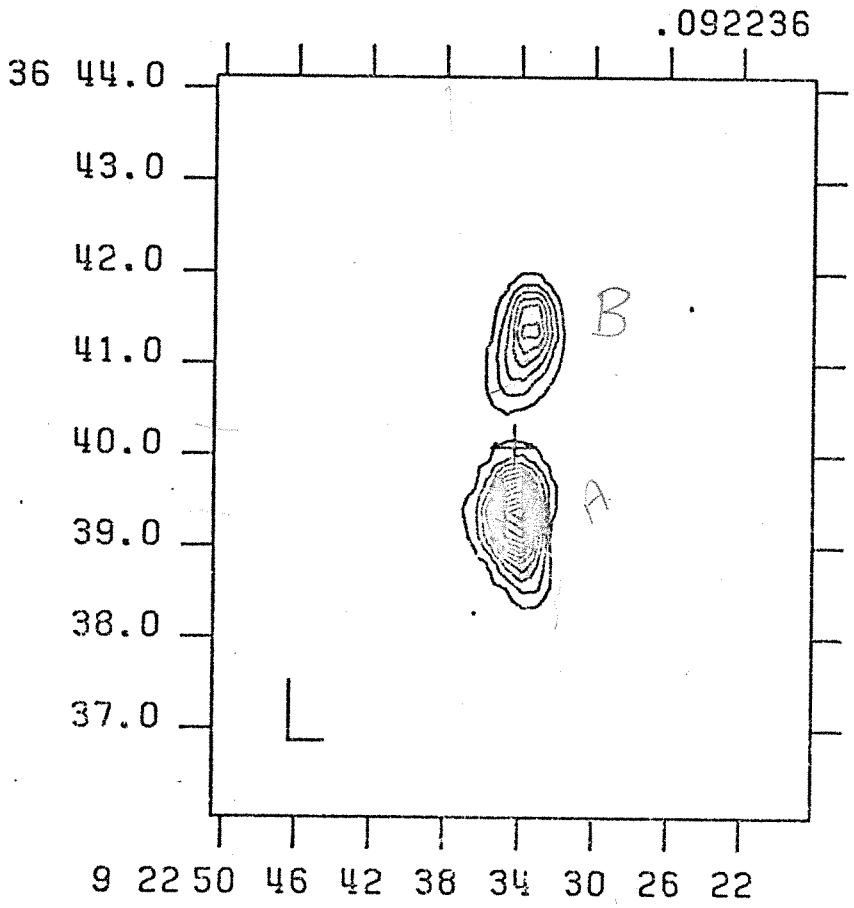
WC115.091338 9 13 41.1 38 29 48.0 SMAX=169.2M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(12.0 24.0 36.0 +12M.F.U.

TAPER= 23.0 BEAM=(23.4X37.6) NOISE(1XR.M.S.)= 1.0 W.U.

DSN=C091338.CW1 0. SUBTR. *CLEAN*



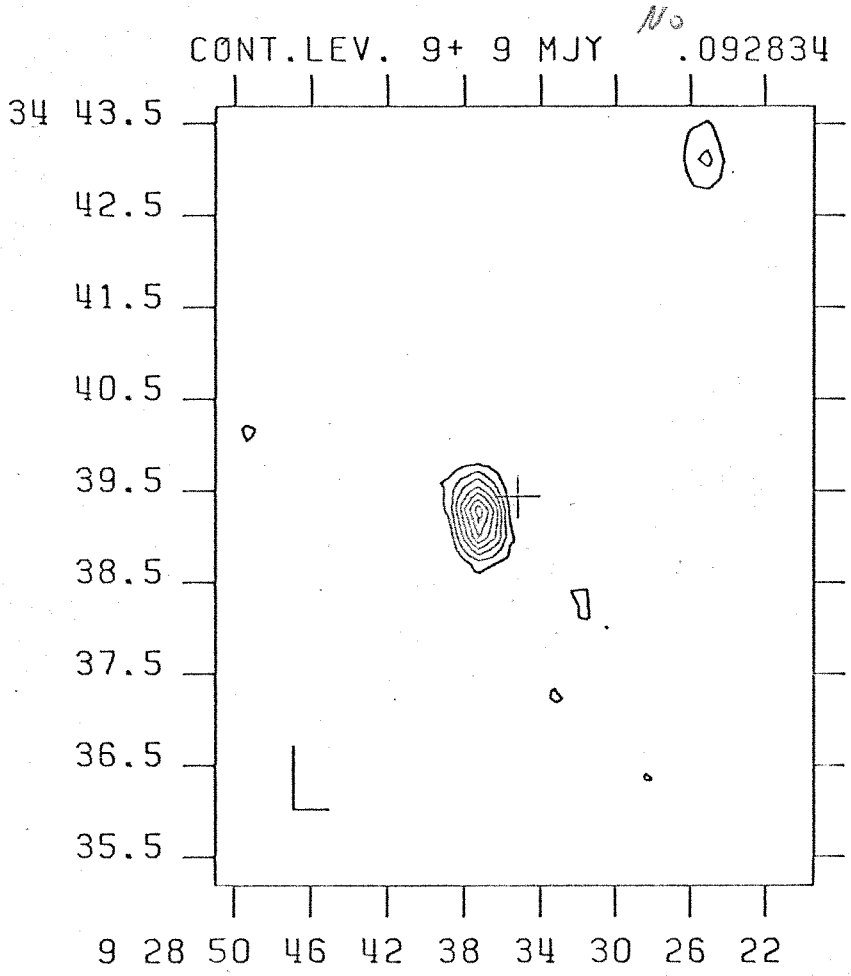
WC115.092236 9 22 34.3 36 40 5.0 SMAX=193.3M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(15.0 30.0 45.0 +19 M.F.U.

TAPER= 23.0 BEAM=(23.5X39.4) NOISE(1XR.M.S.)= 1.0 M.U.

DSN=C092236.CW1 0. SUBTR. *CLEAN*



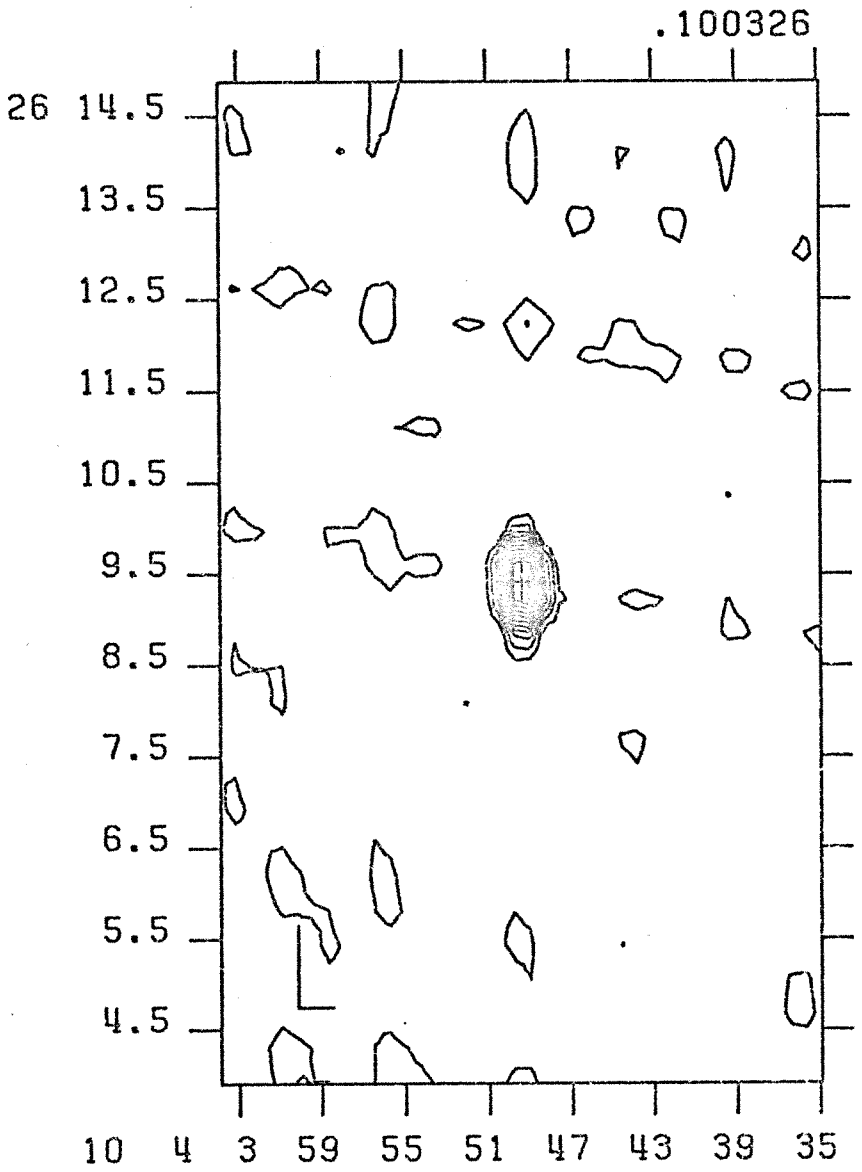
WC115.092834 9 28 35.2 34 39 26.2 SMAX=69.7 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(9.0 18.0 27.0 +9)M.F.U.

TAPER= 23.0 BEAM=(23.6X41.5) NOISE(1XR.M.S.)= 1.0 M.U.

DSN=C092834.CW1 0. SUBTR. *CLEAN*



WC115.100326 10 3 49.4 26 9 24.0 SMAX=55.7 M.F.U.

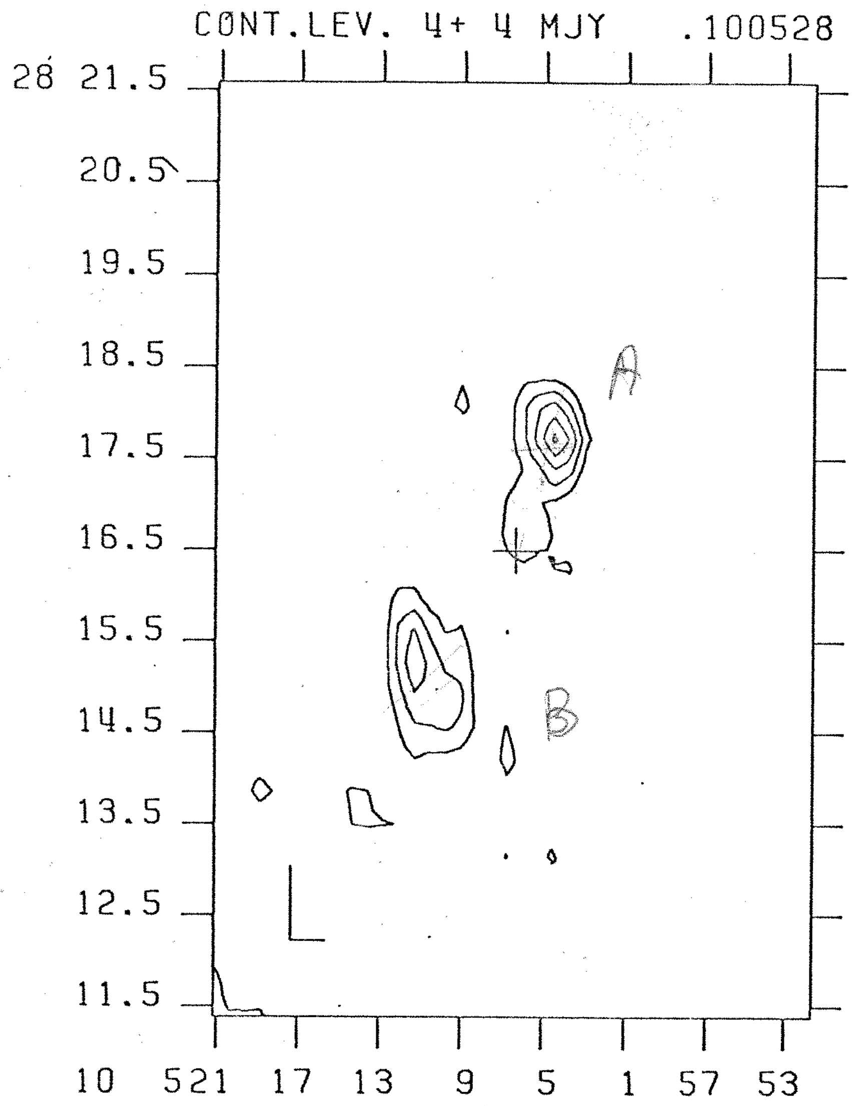
1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(5.0 10.0 15.0 +5)M.F.U.

TAPER= 23.0 BEAM=(23.7X53.9) NOISE(1XR.M.S.)= 0.8 M.U.

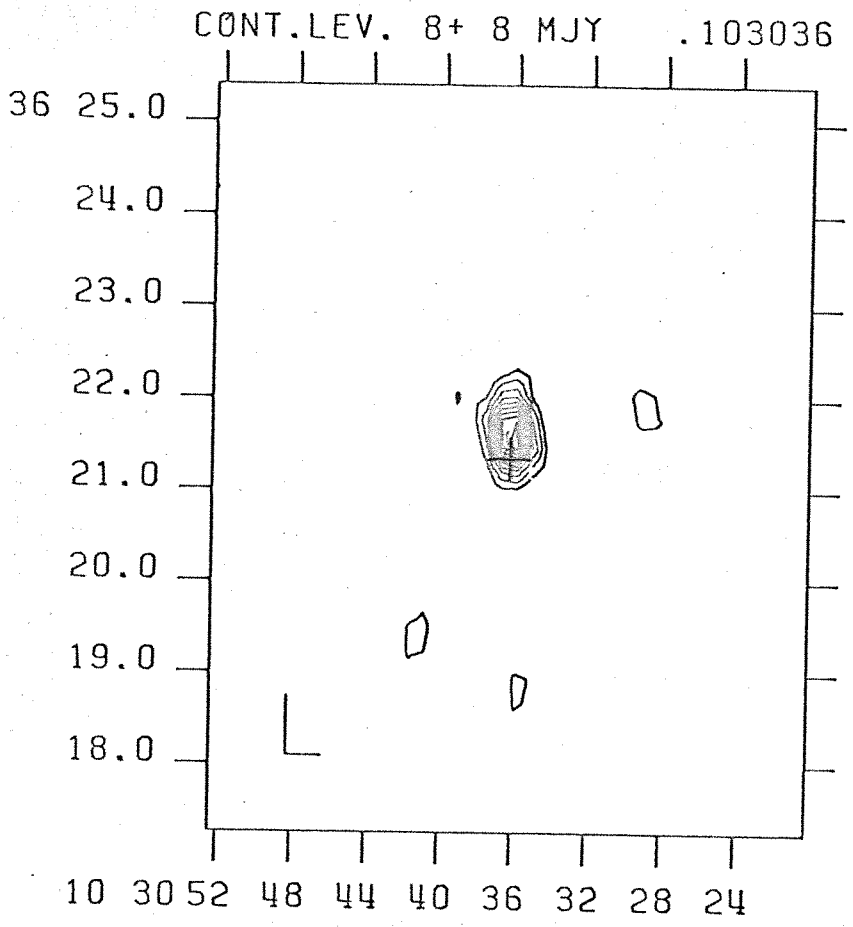
DSN=K100326.CW1 0. SUBTR. *CLEAN*

prendere le mappe nuove e vecchie



NC115.100528 10 5 6.4 28 16 29.2 SMAX=46.5 M.F.U.
1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC
CONT.LEV.=(4.0 8.0 12.0 +4)M.F.U.
TAPER= 23.0 BEAM=(23.2X49.0) NOISE(1XR.M.S.)= 0.7 M.U.
DSN=C100528.CW1 0. SUBTR. *CLEAN*

No. ?



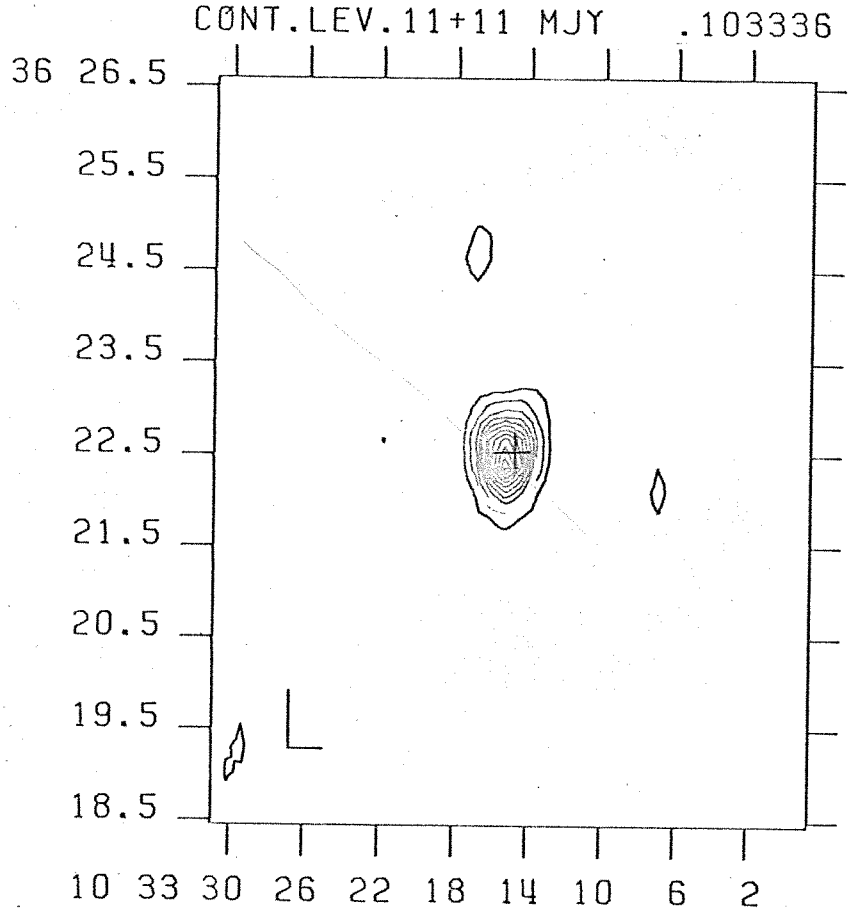
WC115.103036 10 30 36.3 36 21 20.0 SMAX=76.7 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(8.0 16.0 24.0 +8)M.F.U.

TAPER= 23.0 BEAM=(23.3X39.4) NOISE(1XR.M.S.)= 0.9 M.U.

OSN=C103036.CW1 0. SUBTR. *CLEAN*



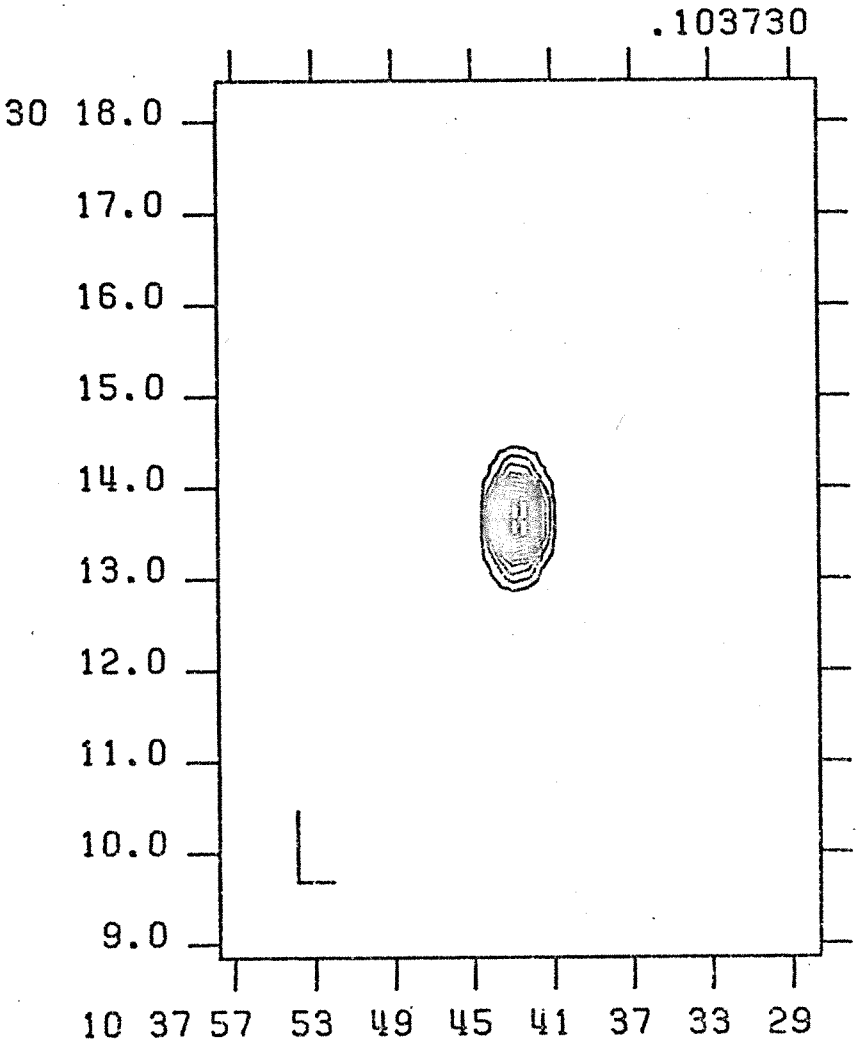
WC115.103336 10 33 14.8 36 22 31.1 SMAX=130.4M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(11.0 22.0 33.0 +10 M.F.U.

TAPER= 23.0 BEAM=(22.7X38.2) NOISE(1XR.M.S.)= 1.0 M.U.

DSN=C103336.CW1 0. SUBTR. *CLEAN*



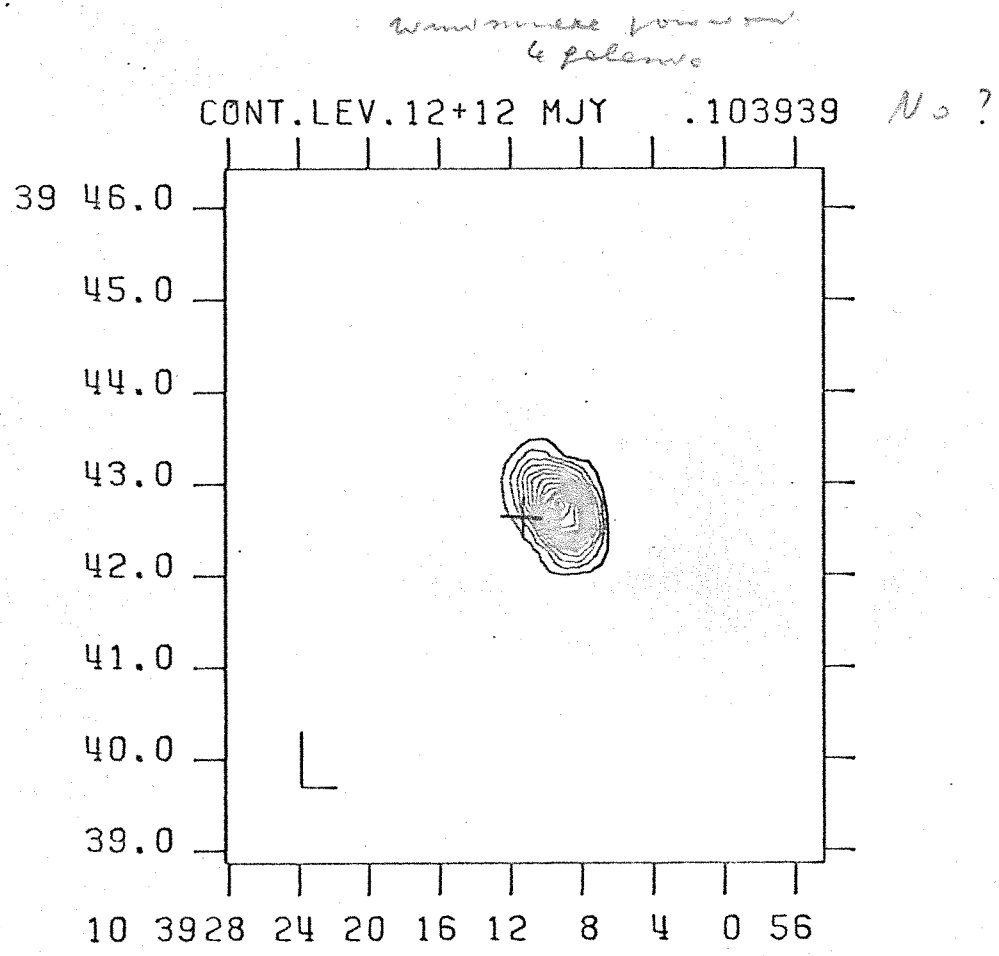
WC115.103730 10 37 42.7 30 13 39.0 SMAX=285.2M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(25.0 50.0 75.0 +25 M.F.U.

TAPER= 23.0 BEAM=(23.6X47.3) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C103730.CN1 0. SUBTR. *CLEAN*



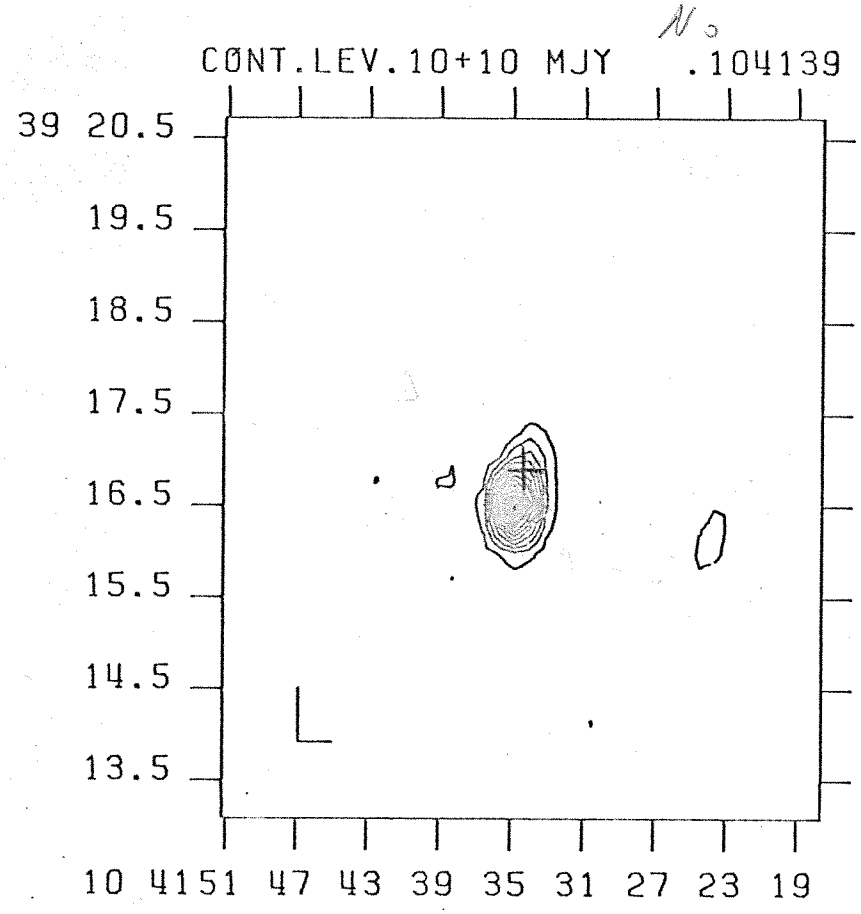
WC115.103939 10 39 11.3 39 42 38.4 SMAX=166.7M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(12.0 24.0 36.0 +12 M.F.U.

TAPER= 23.0 BEAM=(23.4X36.6) NOISE(1XR.M.S.)= 0.9 M.U.

DSN=C103939.CW1 0. SUBTR. *CLEAN*



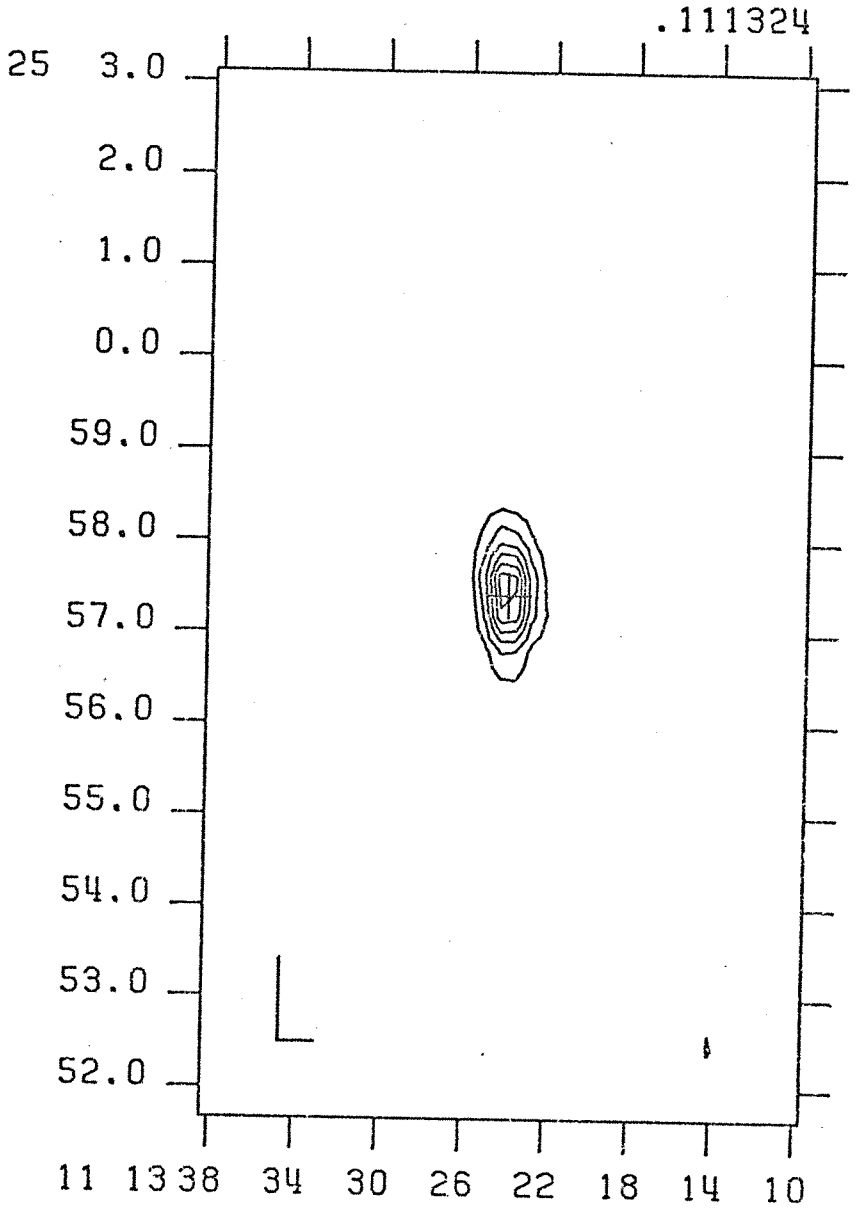
WC115.104139 10 41 34.4 39 16 54.0 SMAX=207.2M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(10.0 20.0 30.0 +10 M.F.U.

TAPER= 23.0 BEAM=(22.6X35.7) NOISE(1XR.M.S.)= 1.0 M.U.

DSN=C104139.CW1 0. SUBTR. *CLEAN*



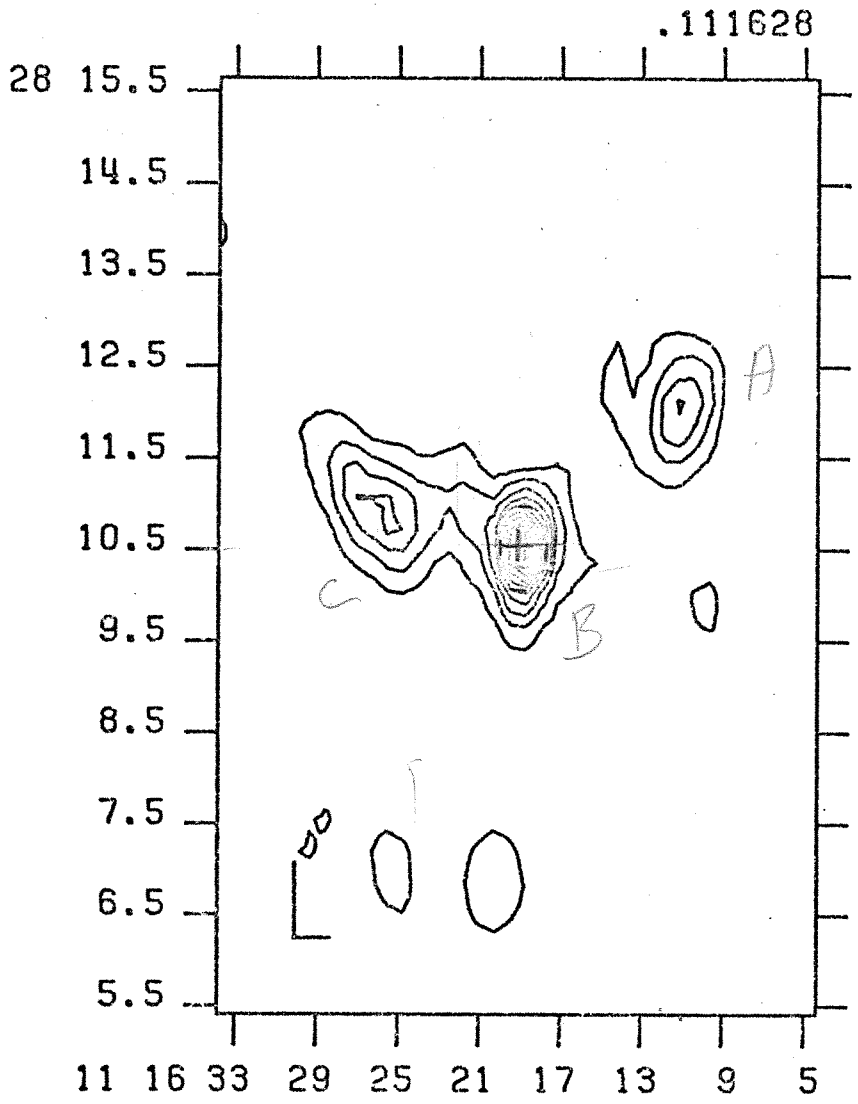
WC115.111324 11 13 24.0 24 57 24.1 SMAX=27.6 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(1.0 2.0 3.0 +1)XR.M.S.

TAPER= 23.0 BEAM=(23.4X55.5) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C111324.CW2 0. SUBTR. *CLEAN*



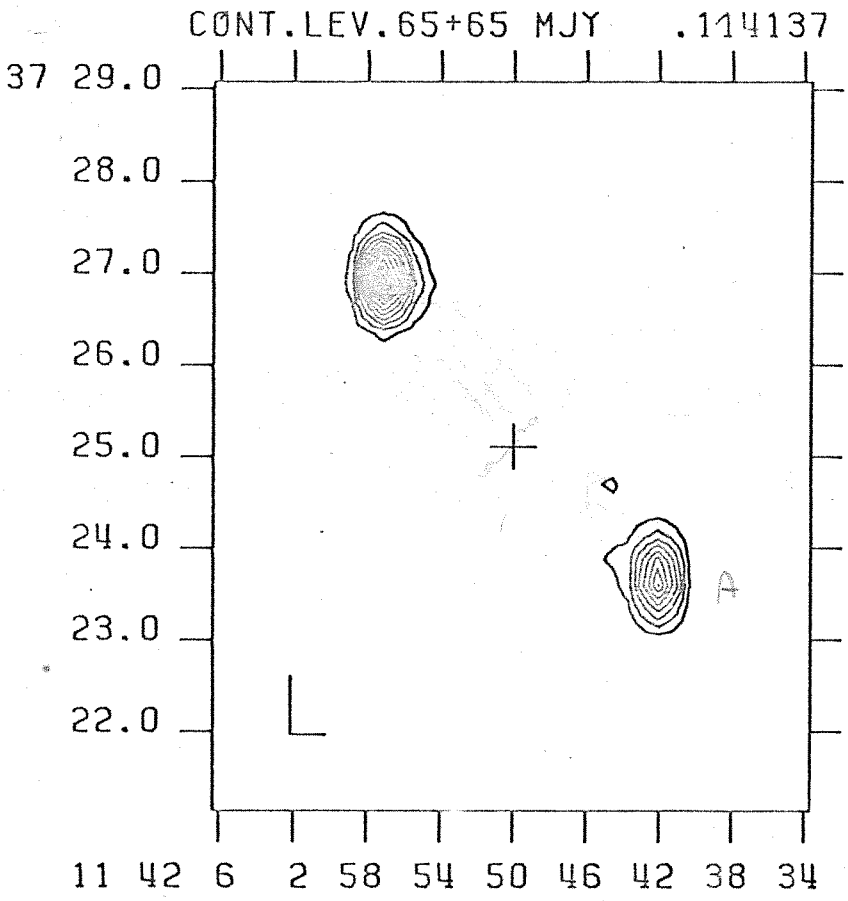
WC115.111628 11 16 19.1 28 10 32.0 SMAX=100.6M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(10.0 20.0 30.0 +10 M.F.U.

TAPER= 23.0 BEAM=(23.6X19.9) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C111628.CW1 0. SUBTR. *CLEAN*



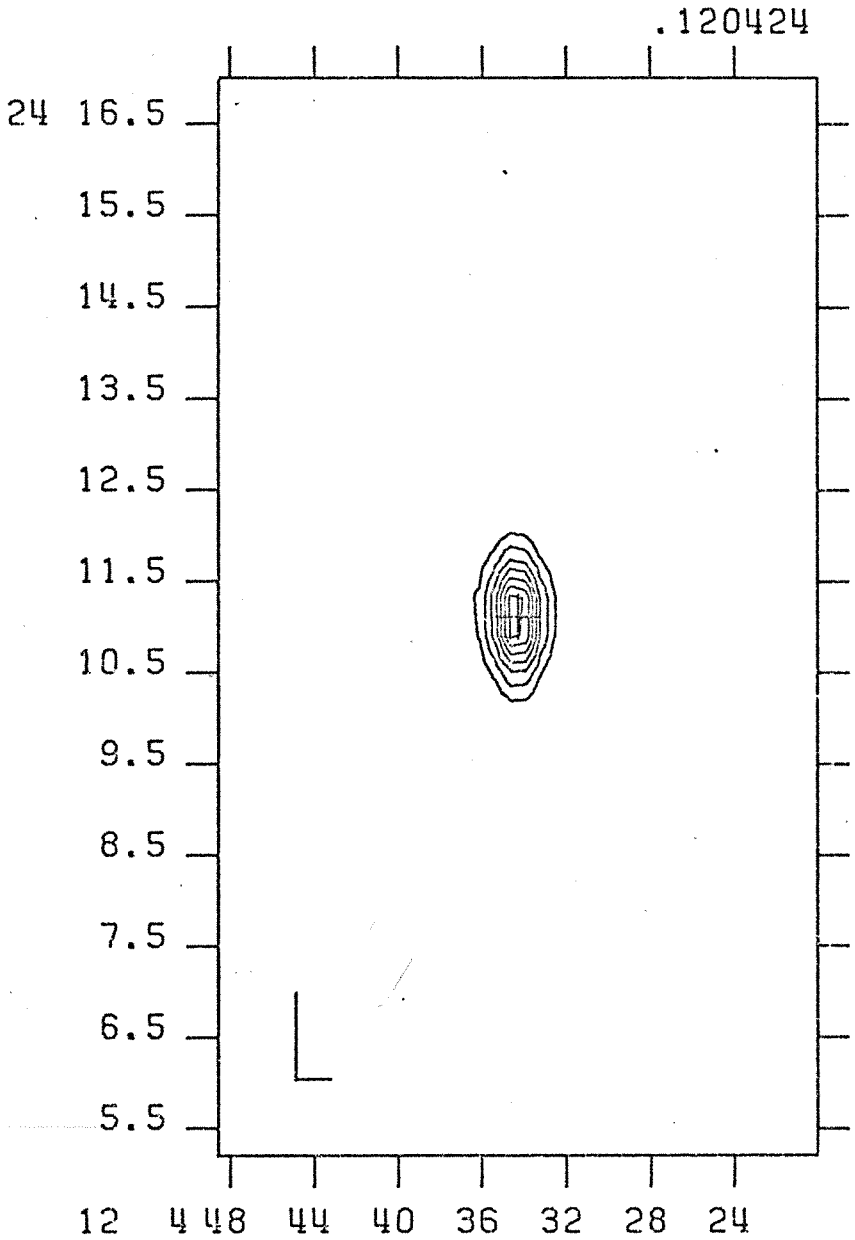
√C115.114137 11 41 50.0 37 25 6.5 SMAX=781.8M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(65.0 130.0195.0+65 M.F.U.

TAPER= 23.0 BEAM=(23.3X38.4) NOISE(1XR.M.S.)= 0.9 M.U.

DSN=C114137.CH1 0. SUBTR. *CLEAN*



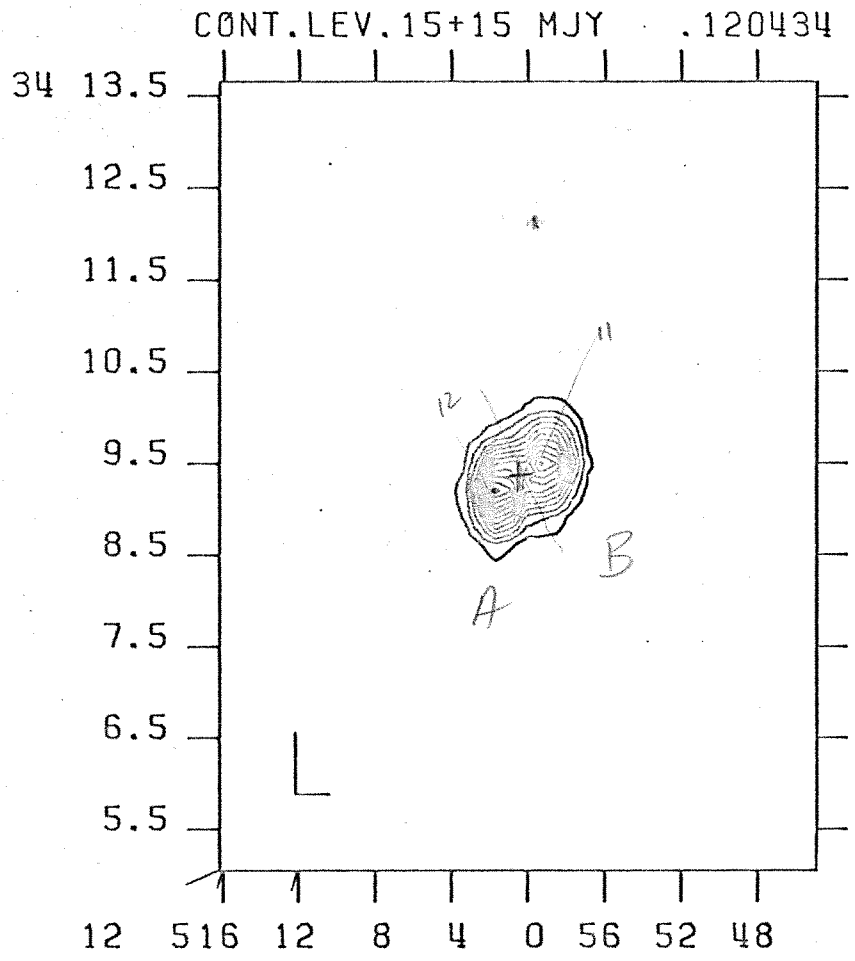
WC115.120424 12 4 34.3 24 11 6.3 SMAX=74.0 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(10.0 20.0 30.0 +10 M.F.U.

TAPER= 23.0 BEAM=(23.4X57.2) NOISE(1XR.M.S.)= 0.6 M.U.

DSN=C120424.CW1 0. SUBTR. *CLEAN*



WC115.120434 12 5 0.5 34 9 21.0 SMAX=185.8M.F.U.

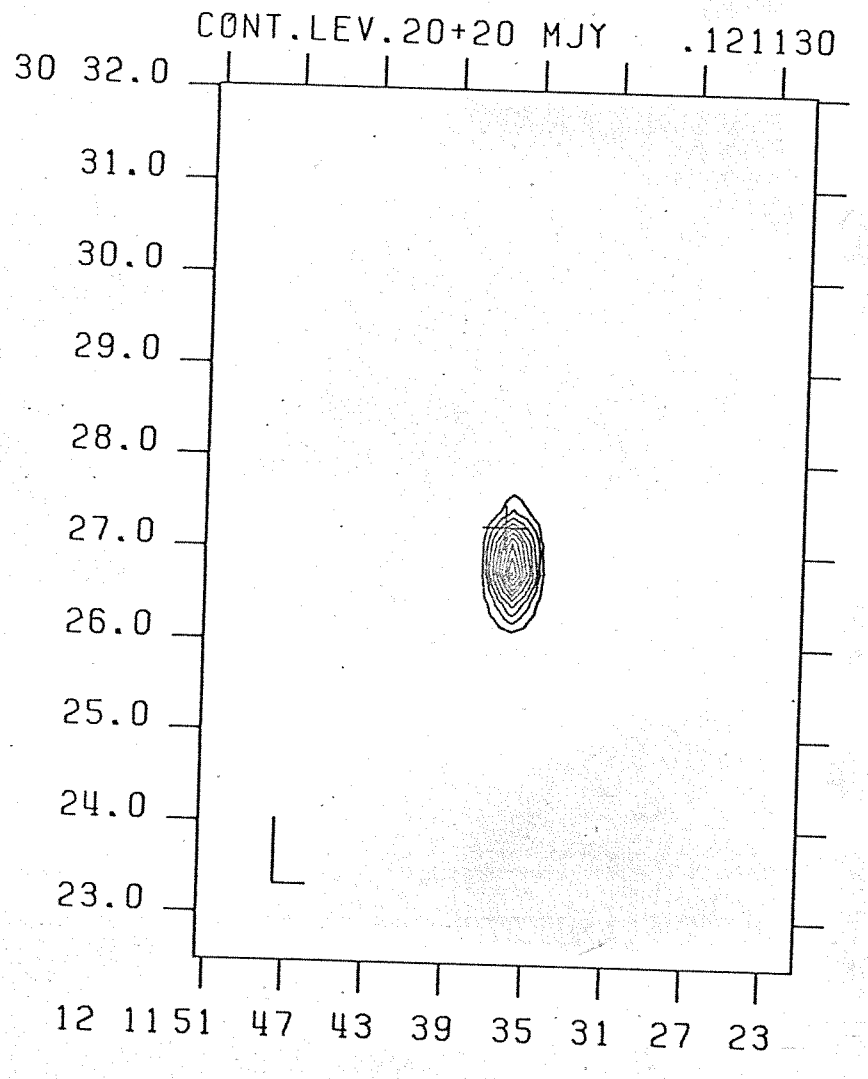
1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(15.0 30.0 45.0 +19 M.F.U.

TAPER= 23.0 BEAM=(22.7X40.5) NOISE(1XR.M.S.)= 0.8 M.U.

OSN=C120434.CW1 0. SUBTR. *CLEAN*

No



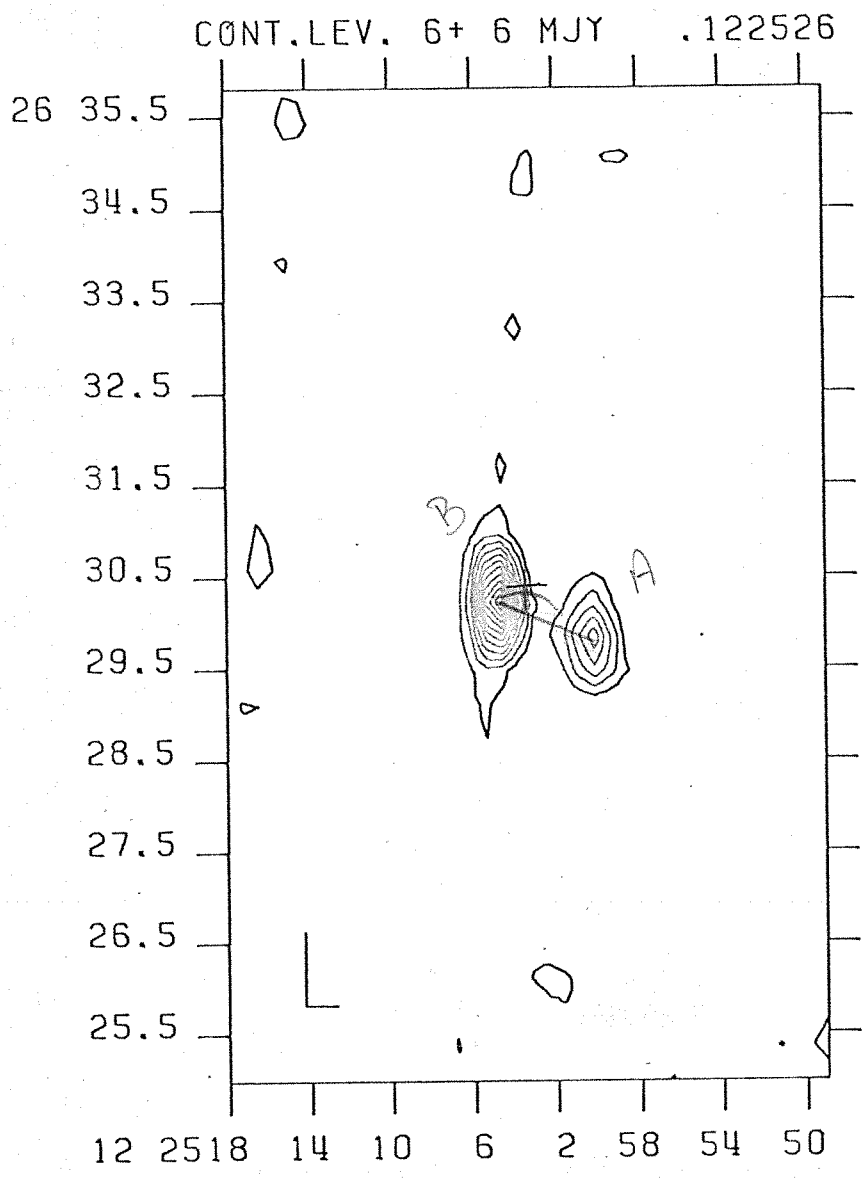
WC115.121130 12 11 36.3 30 27 15.4 SMAX=203.3M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.= (20.0 40.0 60.0 +20 M.F.U.

TAPER= 23.0 BEAM= (21.7X42.9) NOISE(1XR.M.S.)= 1.1 M.U.

DSN=C121130.CW1 0. SUBTR. *CLEAN*



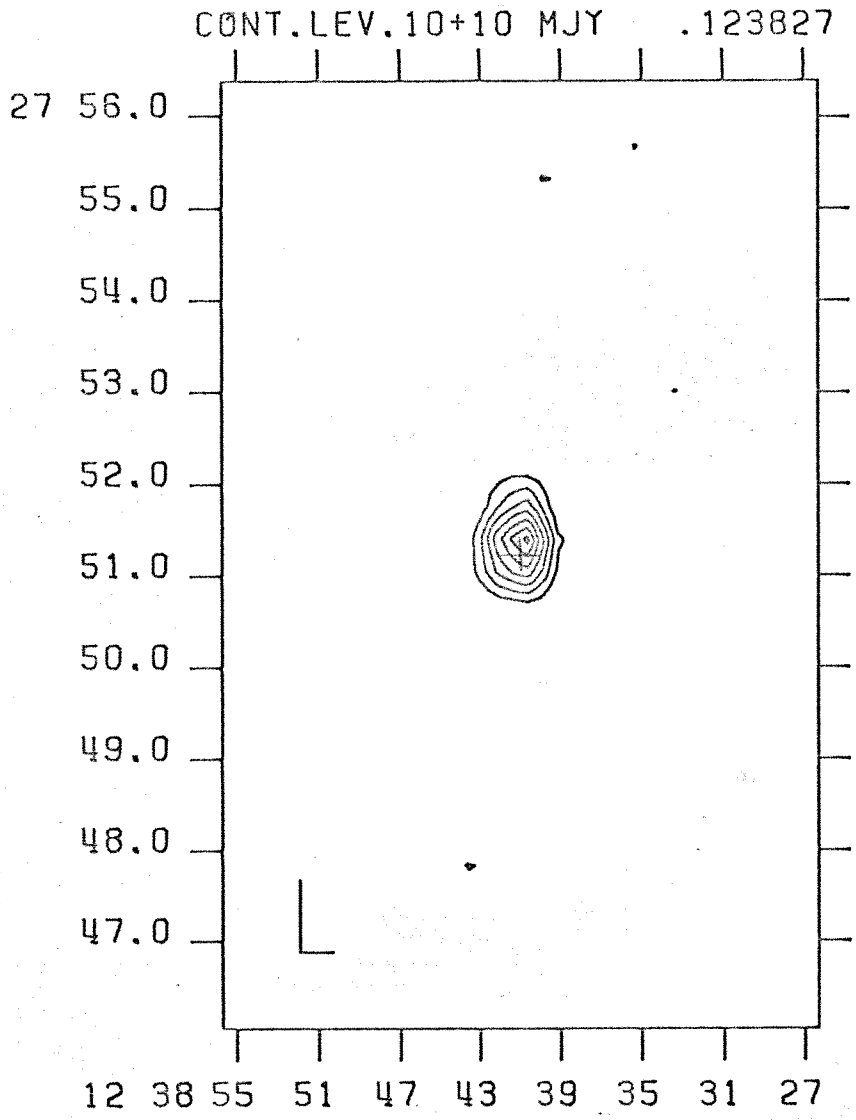
WC115.122526 12 25 3.5 26 30 24.0 SMAX=73.2 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(6.0 12.0 18.0 +6)M.F.U.

TAPER= 23.0 BEAM=(21.7X48.7) NOISE(1XR.M.S.)= 0.9 M.U.

DSN=A122526.CH1 0. SUBTR. *CLEAN*



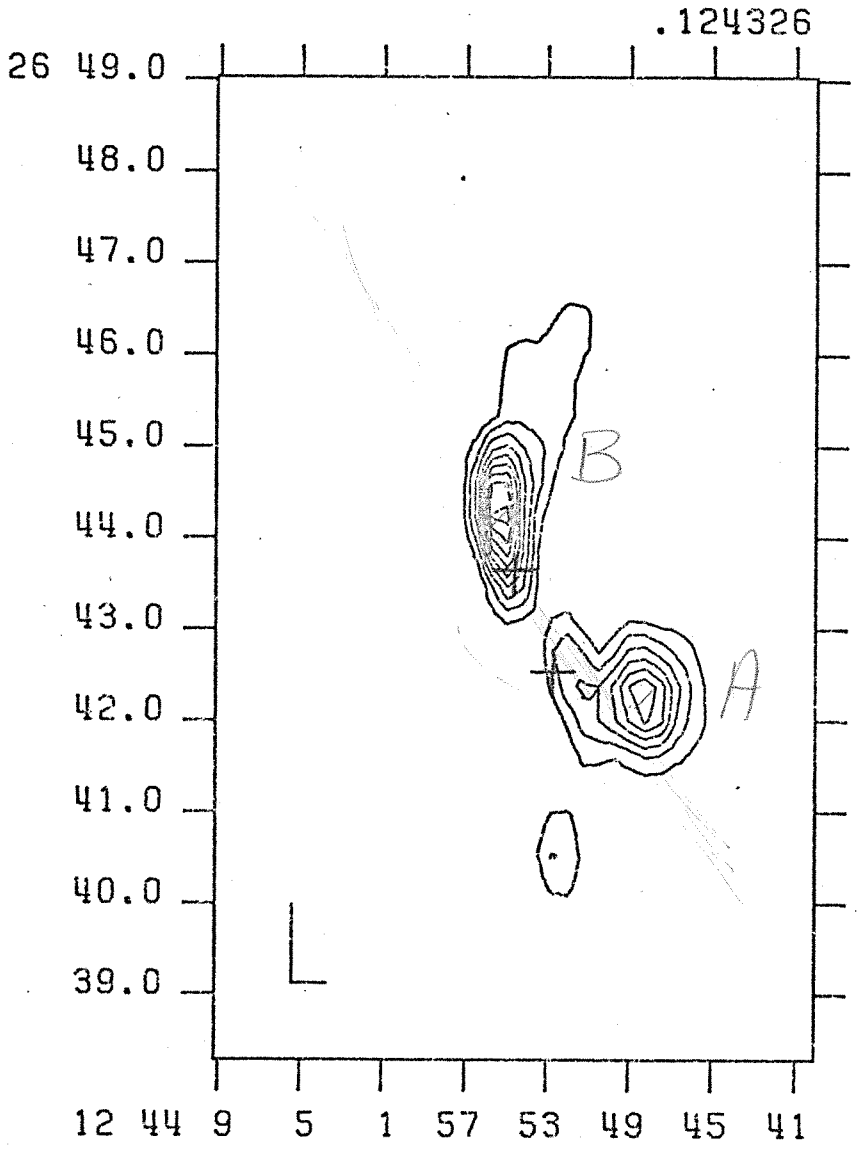
WC115.123827 12 38 41.0 27 51 12.9 SMAX=81.4 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(10.0 20.0 30.0 +10 M.F.U.

TAPER= 23.0 BEAM=(22.2X47.5) NOISE(1XR.M.S.)= 1.0 M.U.

DSN=C123827.CW1 0. SUBTR. *CLEAN*



B

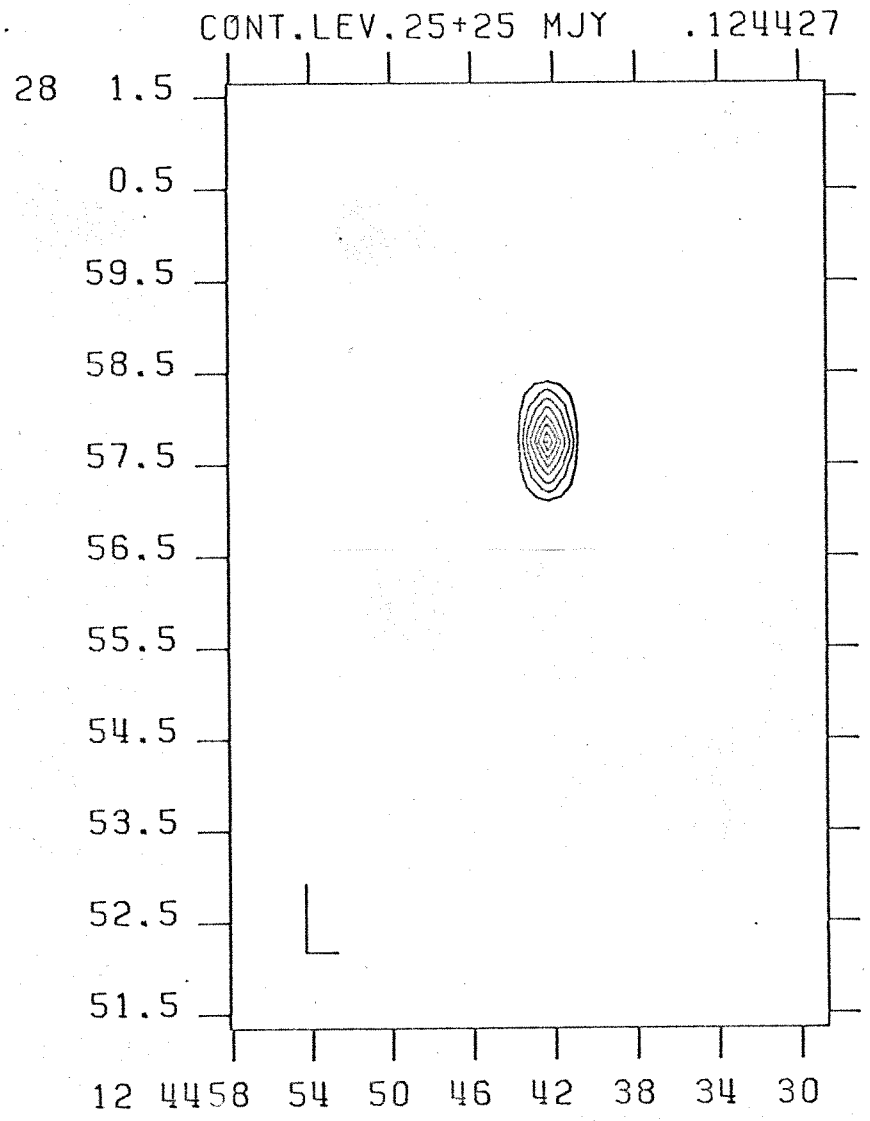
WC115.124326 12 43 54.6 26 43 40.0 SMAX=65.6 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(3.0 5.0 7.0 +2)XR.M.S.

TAPER= 23.0 BEAM=(23.3X51.6) NOISE(1XR.M.S.)= 0.7 M.U.

DSN=C124326.CW3 0. SUBTR. *CLEAN*



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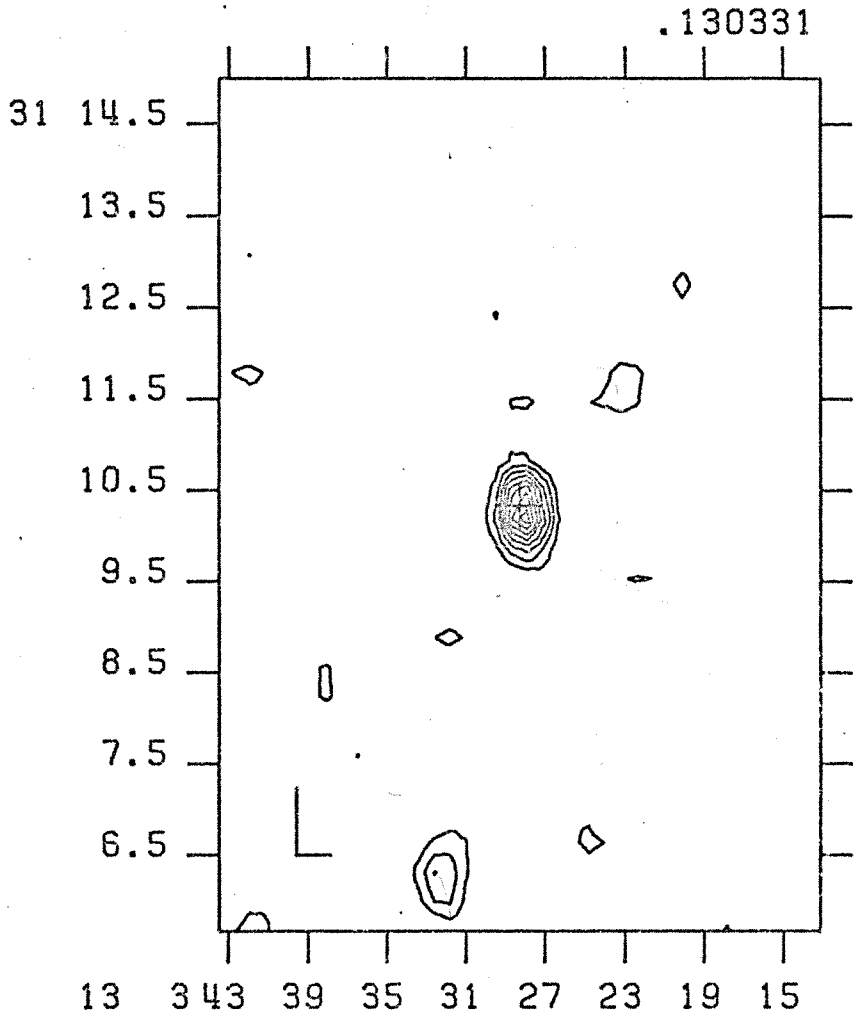
VC115.124427 12 44 43.4 27 56 29.9 SMAX=202.8M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.= (25.0 50.0 75.0 +29 M.F.U.

TAPER= 23.0 BEAM= (21.3X45.4) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C124427.CW1 0. SUBTR. *CLEAN*



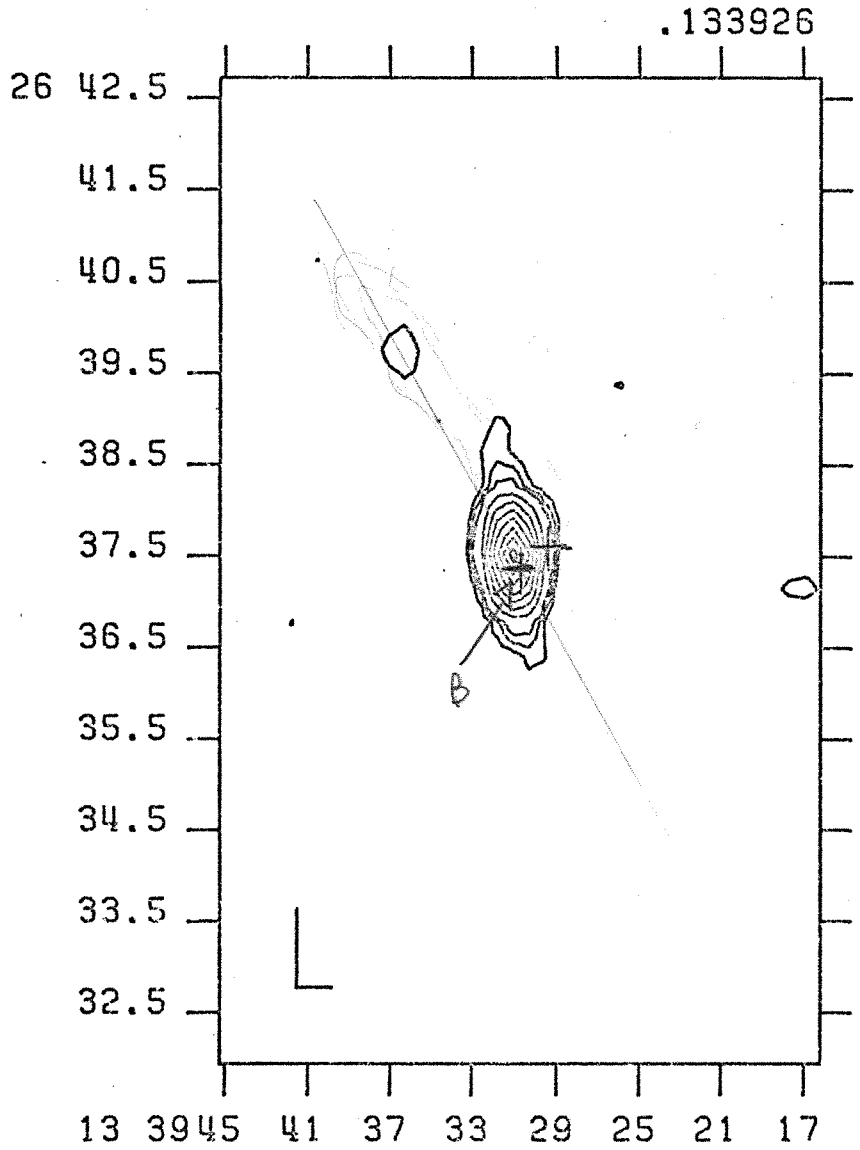
WC115.130331 13 3 26.3 31 10 20.0 SMAX=60.6 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(7.0 14.0 21.0 +7)M.F.U.

TAPER= 23.0 BEAM=(23.1X44.5) NOISE(1XR.M.S.)= 0.7 M.U.

DSN=C130331.CW1 0. SUBTR. *CLEAN*



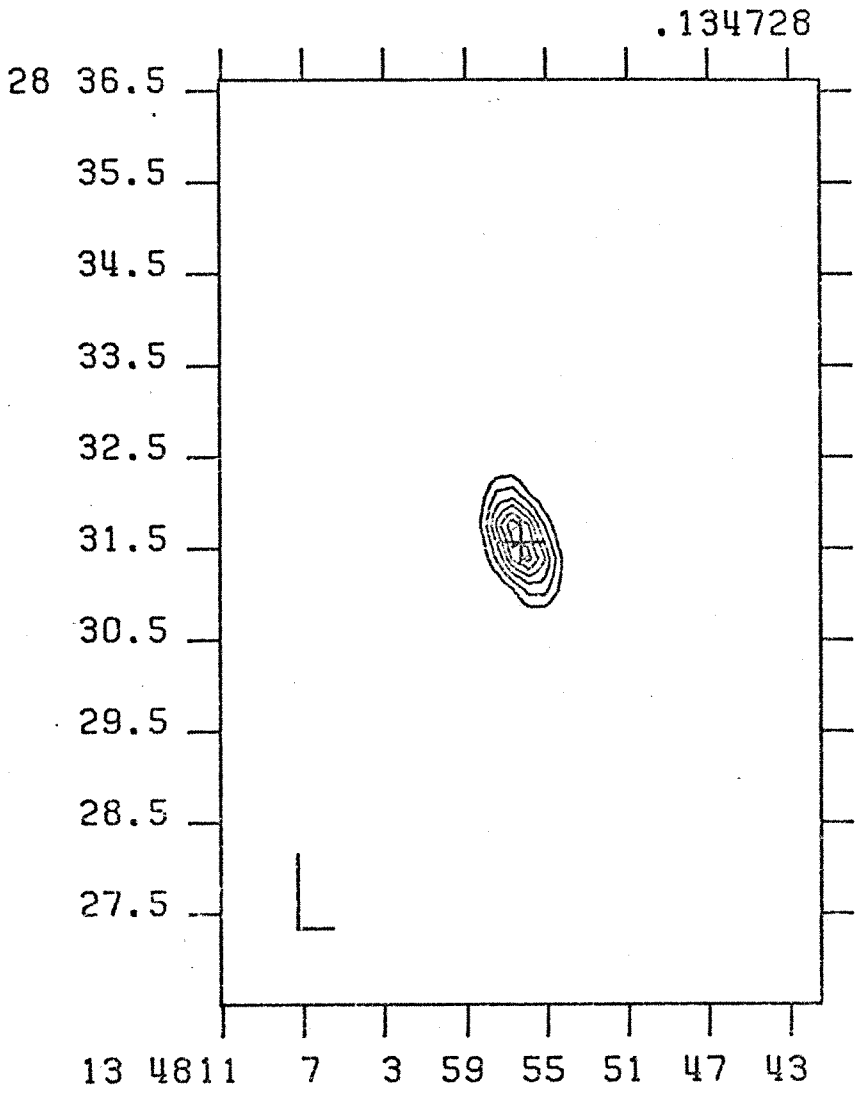
WC115.133926 13 39 30.7 26 37 20.0 SMAX=230.2M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(3.0 5.0 7.0 +7)XR.M.S.

TAPER= 23.0 BEAM=(23.4X52.2) NOISE(1XR.M.S.)= 0.6 M.U.

DSN=C133926.CW1 0. SUBTR. *CLEAN*



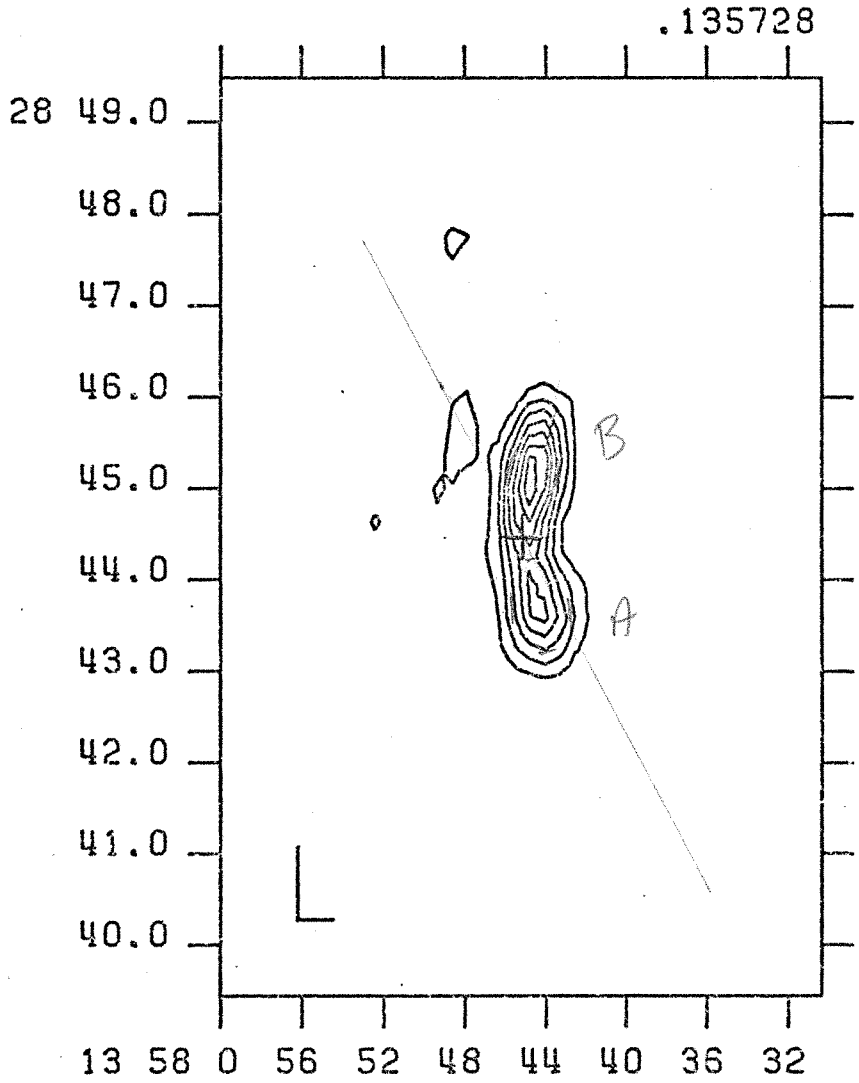
WC115.134728 13 47 56.3 28 31 34.0 SMAX=114.7M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(10.0 15.0 20.0 +4)XR.M.S.

TAPER= 23.0 BEAM=(23.3X48.8) NOISE(1XR.M.S.)= 0.6 M.U.

DSN=C134728.CW2 0. SUBTR. *CLEAN*



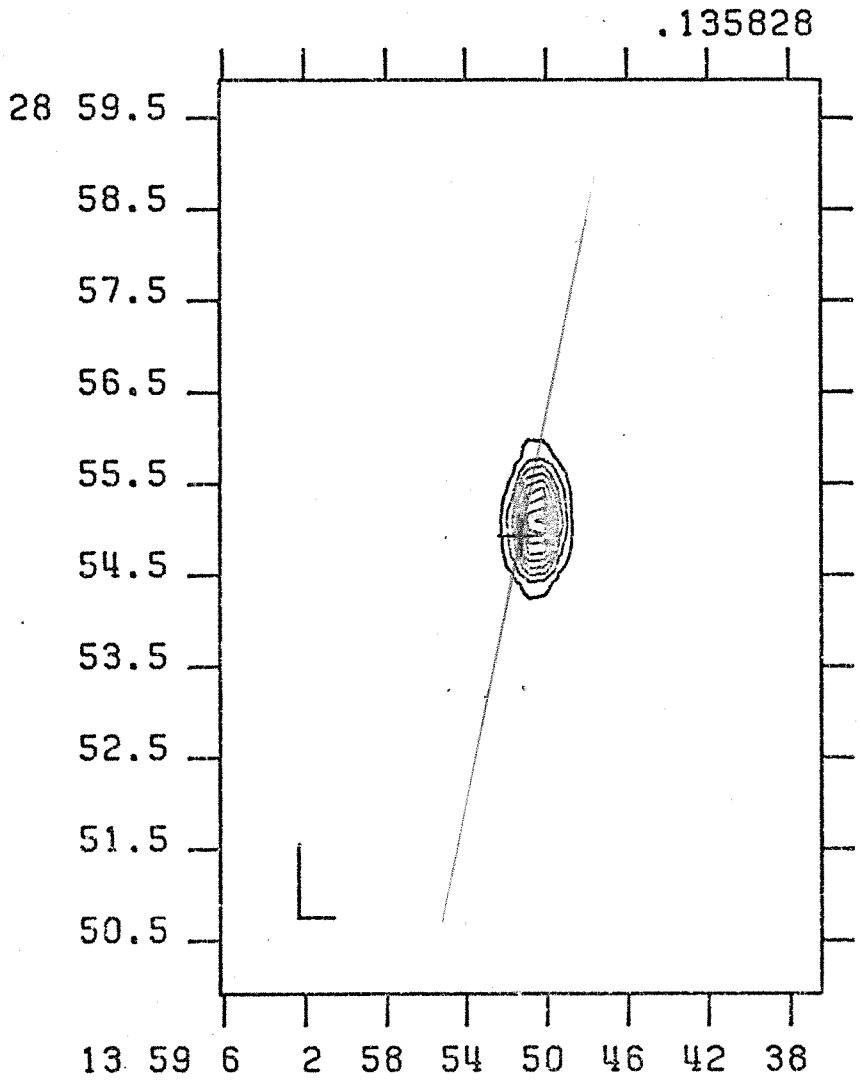
WC115.135728 13 57 45.2 28 44 28.0 SMAX=78.4 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(10.0 20.0 30.0 +10 M.F.U.

TAPER= 23.0 BEAM=(23.4X48.6) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C135726.CW1 0. SUBTR. *CLEAN*



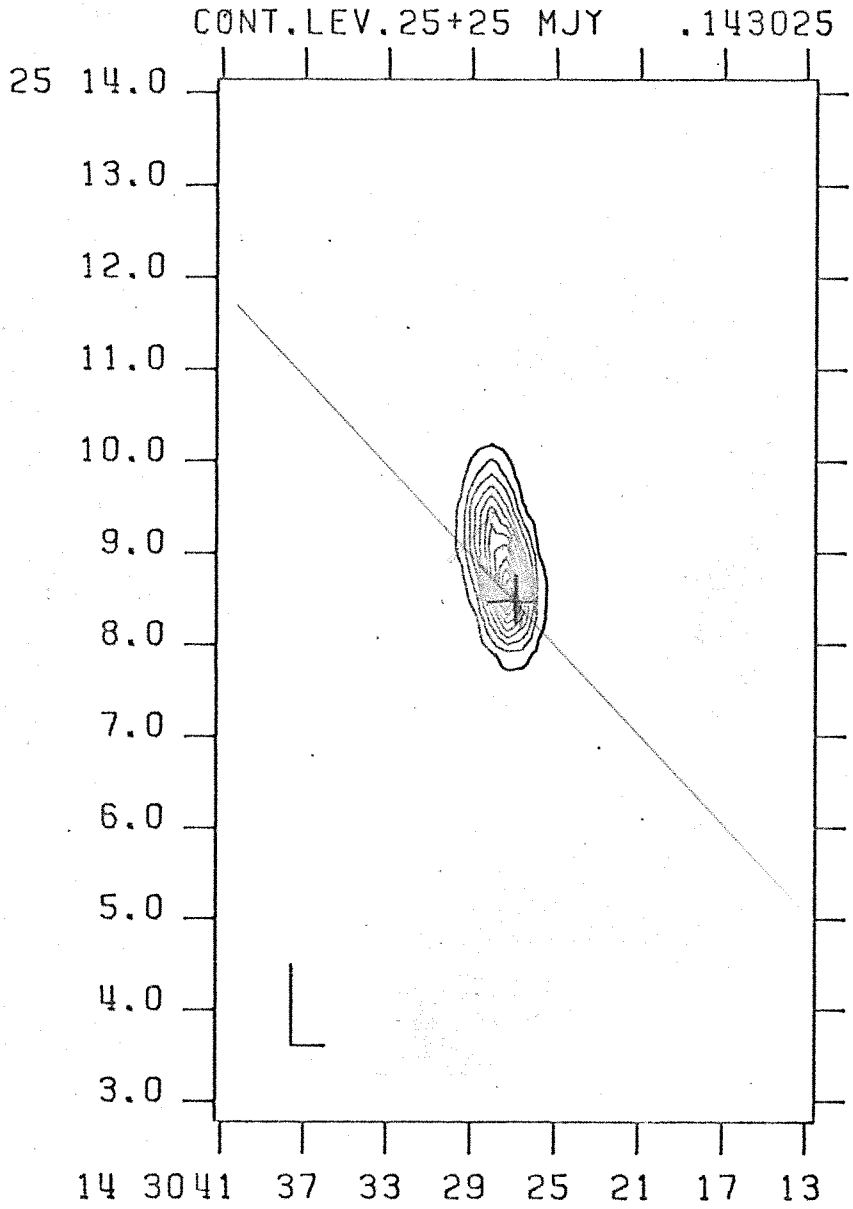
WC115.135828 13 58 51.3 28 54 55.0 SMAX=184.3M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(20.0 40.0 60.0 +20 M.F.U.

TAPER= 23.0 BEAM=(23.4X48.3) NOISE(1XR.M.S.)= 0.6 M.U.

DSN=C135828.CW1 0. SUBTR. *CLEAN*



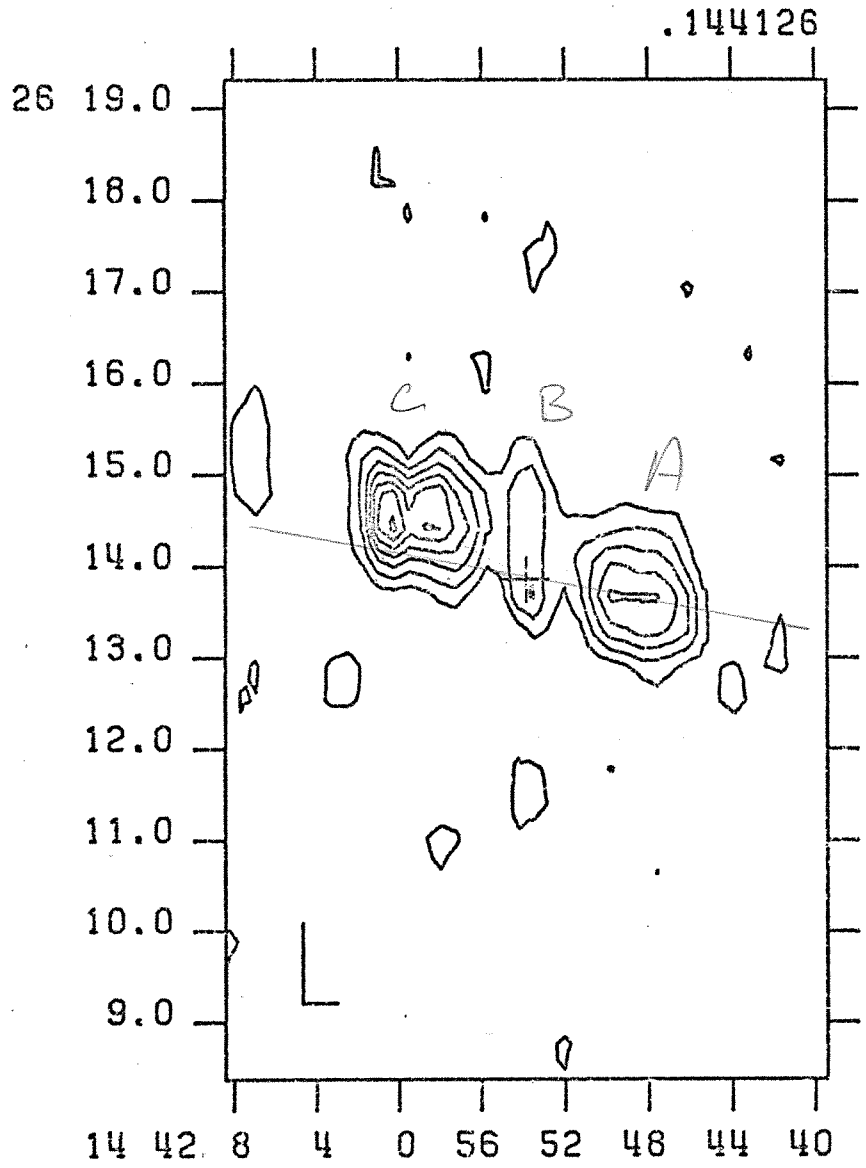
WC115.143025 14 30 26.9 25 8 28.0 SMAX=282.4M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(25.0 50.0 75.0 +29 M.F.U.

TAPER= 23.0 BEAM=(22.6X53.1) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C143025.CW1 0. SUBTR. *CLEAN*



WC115.144126 14 41 59.9 26 13 51.0 SMAX=43.9 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(6.0 12.0 18.0 +6)M.F.U.

TAPER= 23.0 BEAM=(23.4X53.0) NOISE(1XR.M.S.)= 0.6 M.U.

DSN=C144126.CW1 0. SUBTR. *CLEAN*

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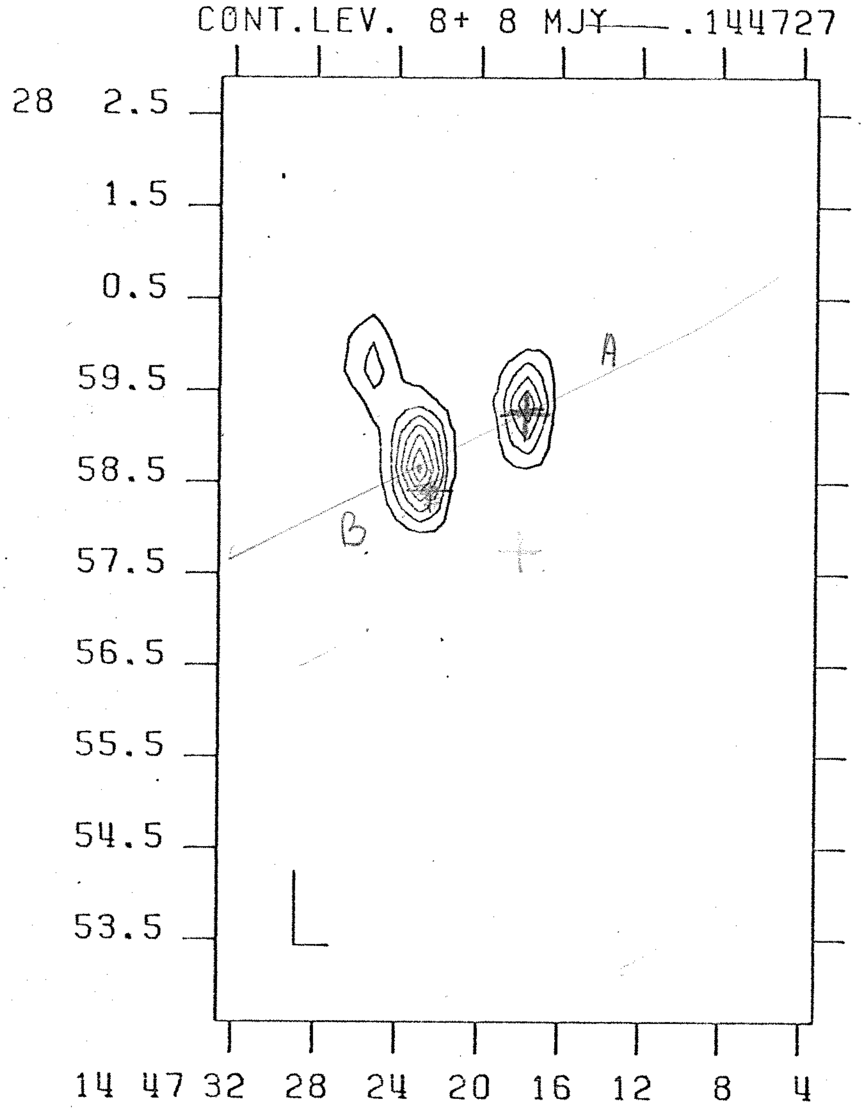


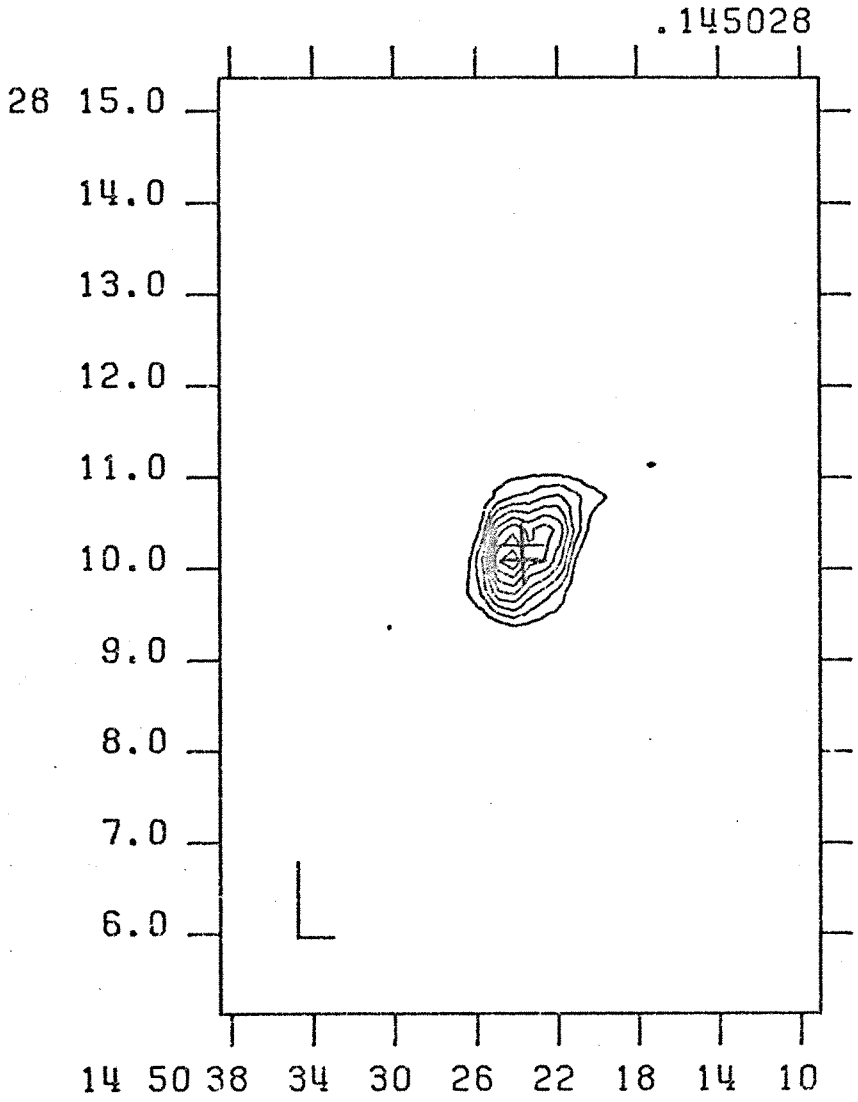
WC115.144727 14 47 18.0 27 57 45.0 SMAX=58.8 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(8.0 16.0 24.0 +8)M.F.U.

TAPER= 23.0 BEAM=(22.8X48.7) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C144727.CW1 0. SUBTR. *CLEAN*



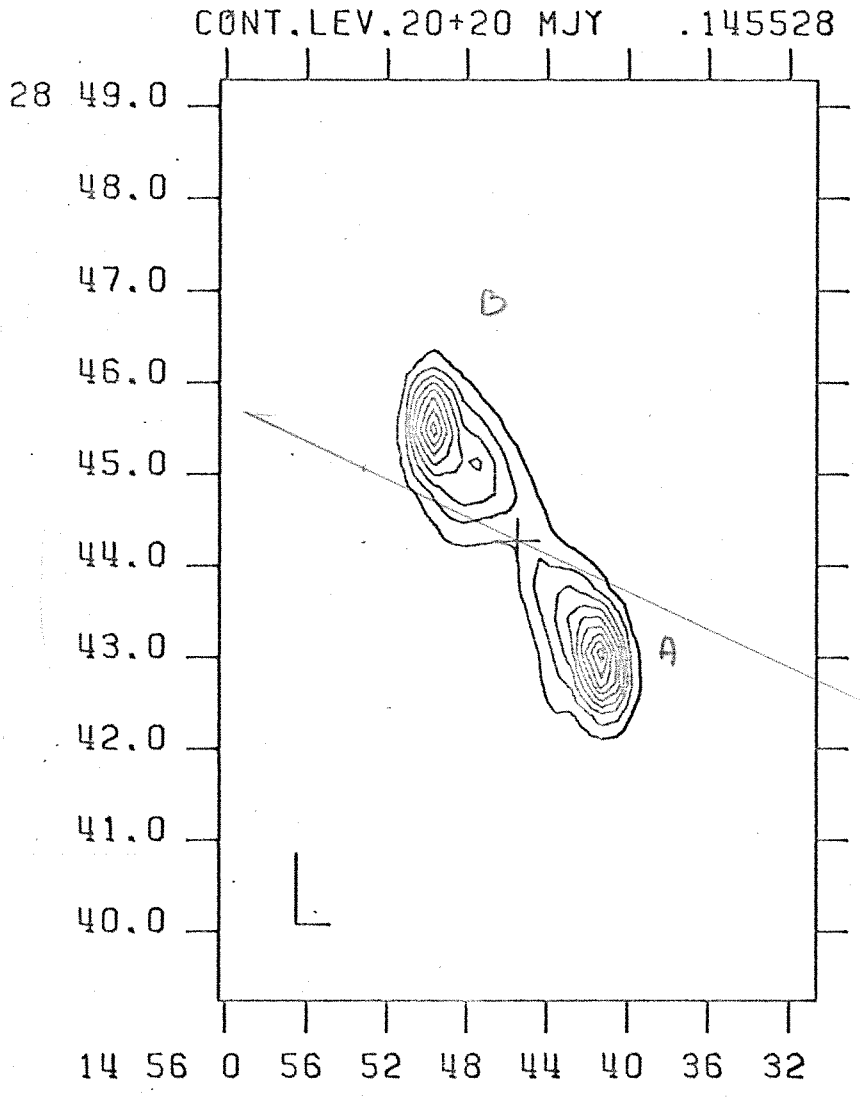
WC115.145028 14 50 23.8 28 10 15.0 SMAX=64.1 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(3.0 5.0 7.0 +2)XR.M.S.

TAPER= 23.0 BEAM=(23.6X49.9) NOISE(1XR.M.S.)= 0.7 M.U.

DSN=C145028.CW2 0. SUBTR. *CLEAN*



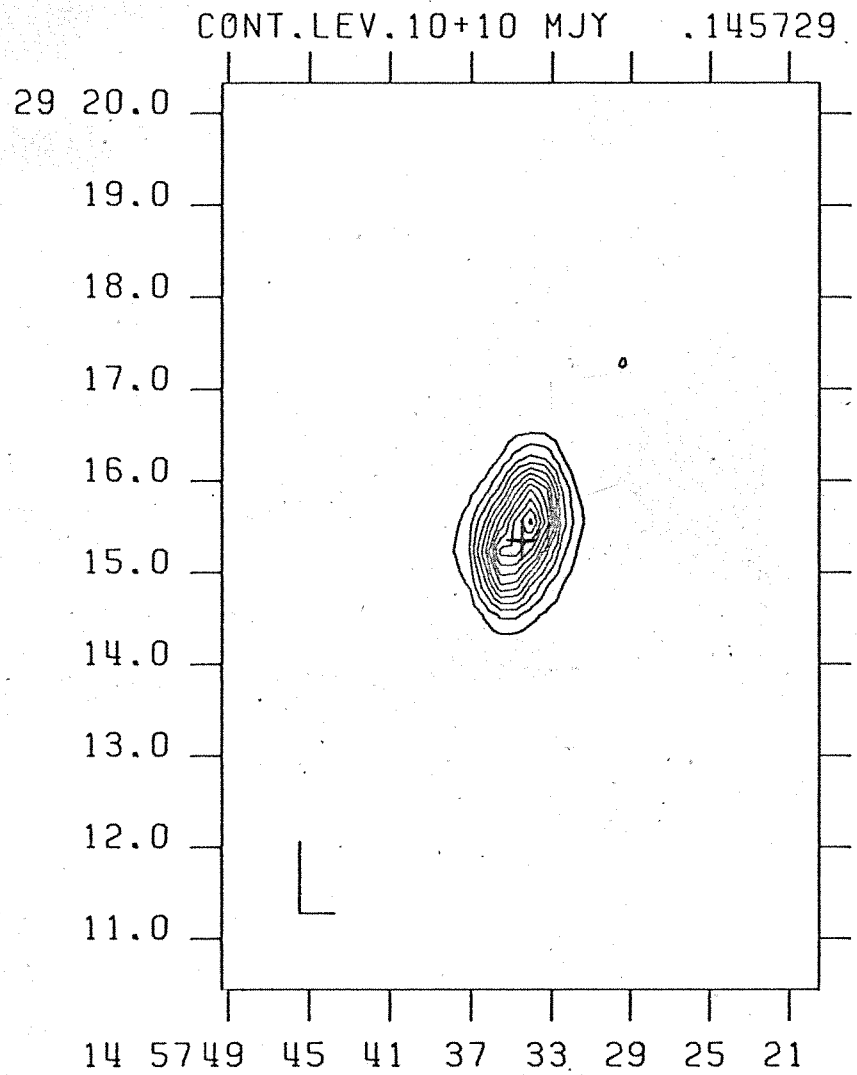
WC115.145528 14 55 45.5 28 44 16.0 SMAX=191.7M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(20.0 40.0 60.0 +20 M.F.U.

TAPER= 23.0 BEAM=(22.6X47.0) NOISE(1XR.M.S.)= 0.9 M.U.

OSN=C145528.CW1 0. SUBTR. *CLEAN*



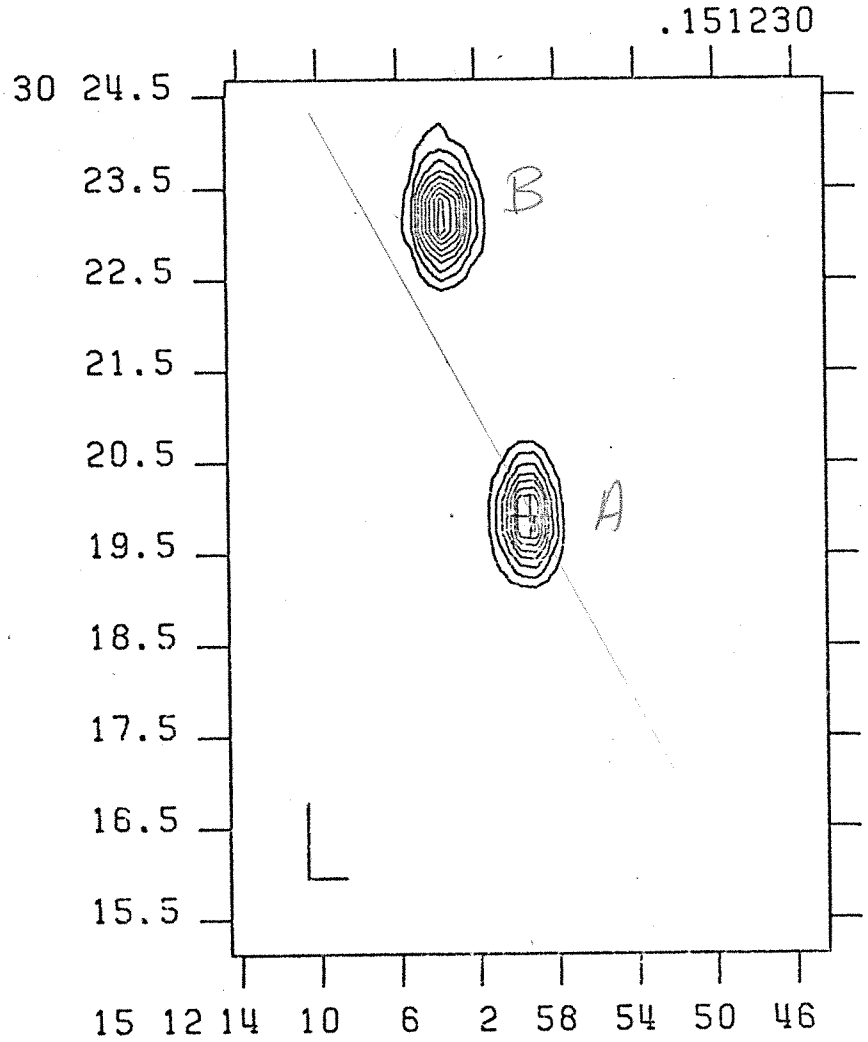
WC115.145729 14 57 34.4 29 15 22.9 SMAX=123.8M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(10.0 20.0 30.0 +10 M.F.U.

TAPER= 23.0 BEAM=(22.9X46.9) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C145729.CW1 0. SUBTR. *CLEAN*



WC115.151230 15 11 59.5 30 19 54.0 SMAX=48.2 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(5.0 10.0 15.0 +5)M.F.U.

TAPER= 23.0 BEAM=(25.4X50.3) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C151230.CW3 0. SUBTR. *CLEAN*

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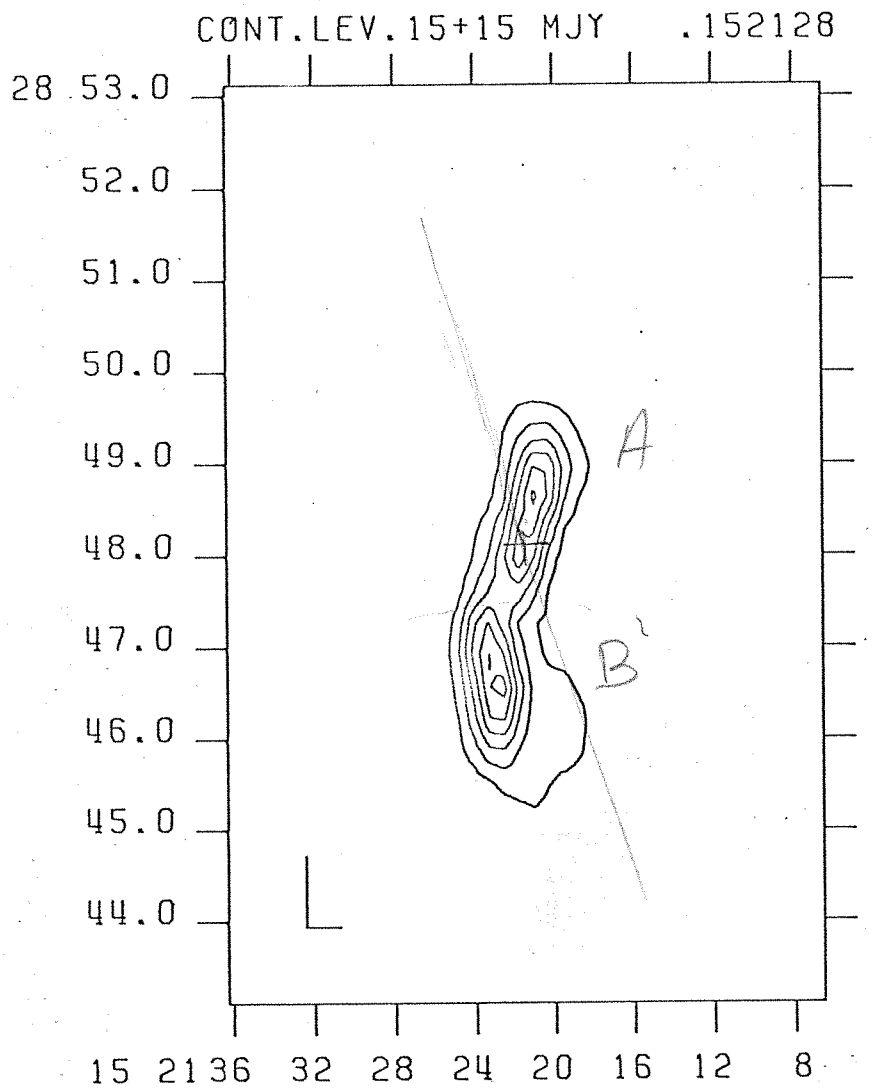


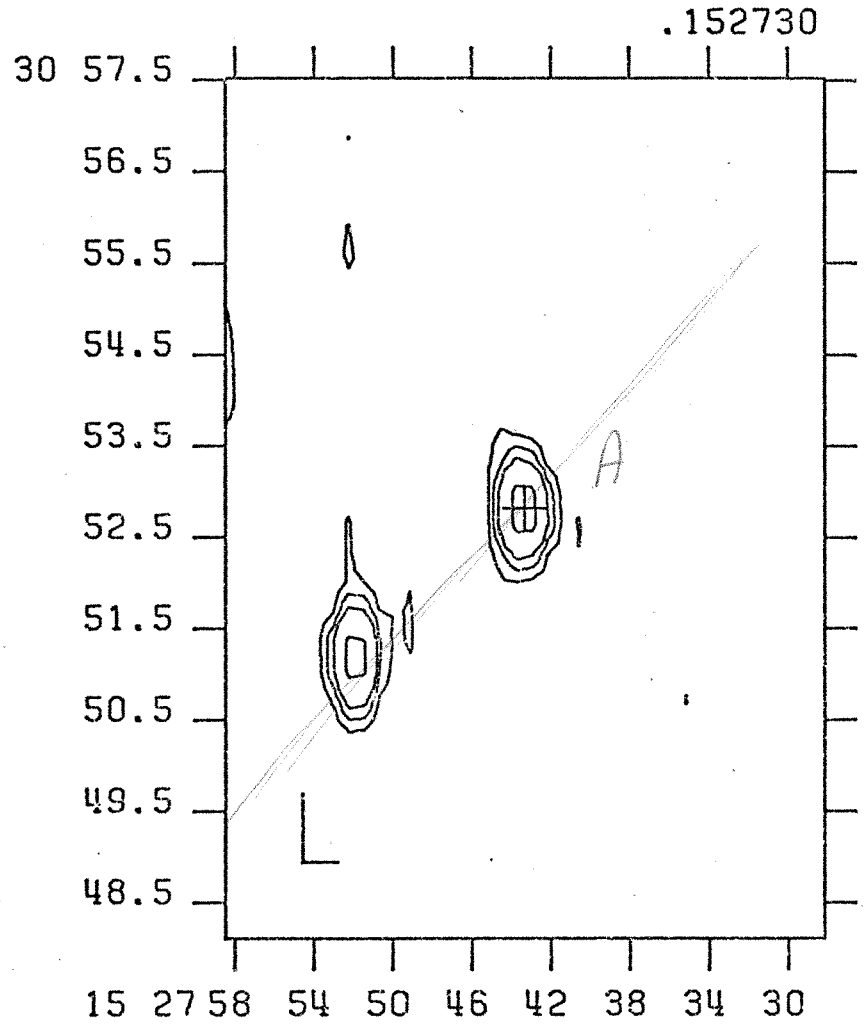
WC115.152128 15 21 21.4 28 48 7.0 SMAX=96.3 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(15.0 30.0 45.0 +19 M.F.U.

TAPER= 23.0 BEAM=(22.9X47.5) NOISE(1XR.M.S.)= 0.9 M.U.

DSN=C152128.CH1 0. SUBTR. *CLEAN*



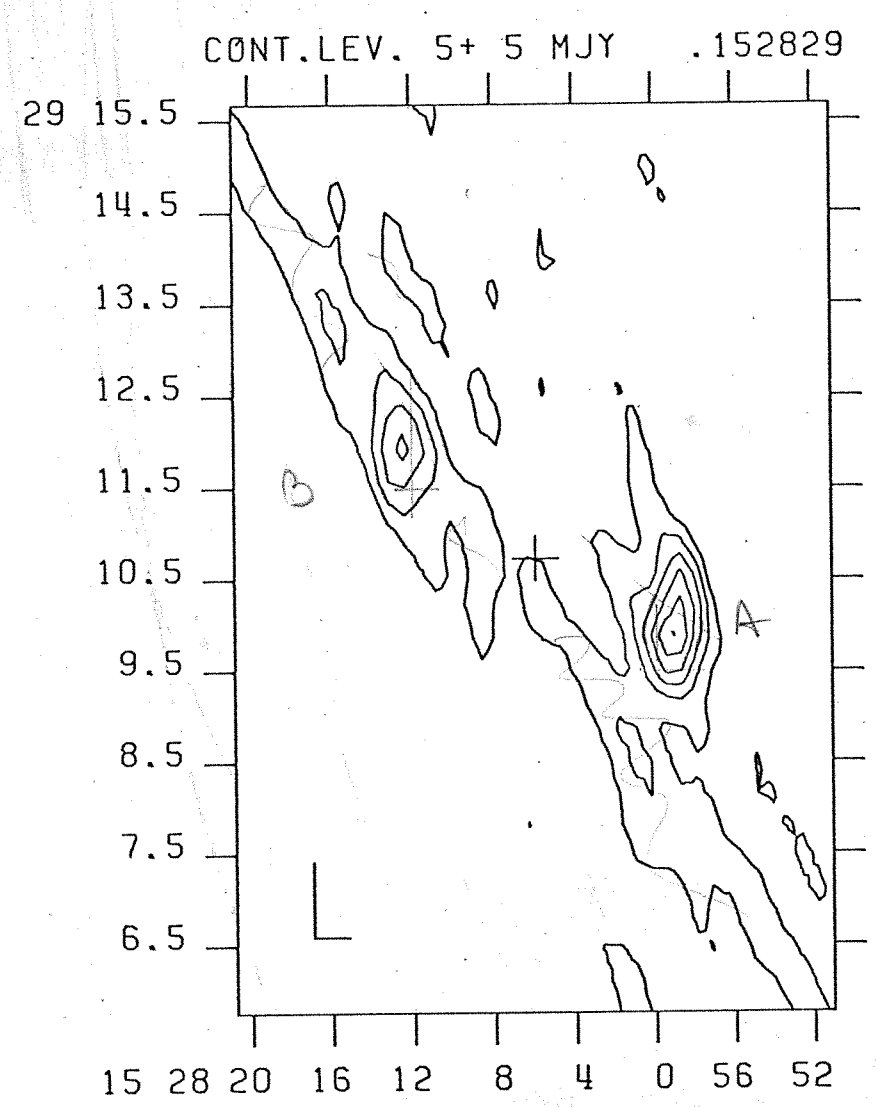
WC115.152730 15 27 43.3 30 52 49.0 SMAX=157.9M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(1.0 2.0 3.0 +4)XR.M.S.

TAPER= 23.0 BEAM=(23.5X45.8) NOISE(1XR.M.S.)= 1.0 M.U.

DSN=C152730.CW2 0. SUBTR. *CLEAN*



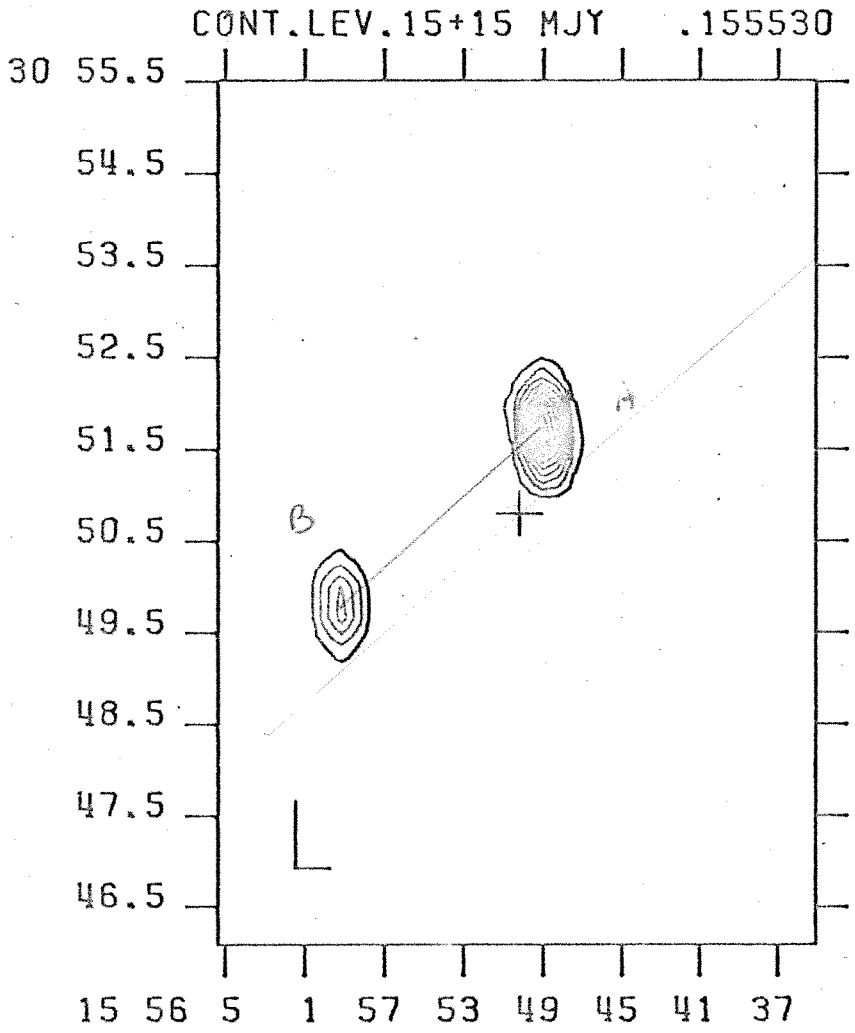
WC115.152829 15 28 5.9 29 10 42.9 SMAX=29.5 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(5.0 10.0 15.0 +5)M.F.U.

TAPER= 23.0 BEAM=(24.2X49.6) NOISE(1XR.M.S.)= 0.9 M.U.

DSN=C152829.CW1 0. SUBTR. *CLEAN*



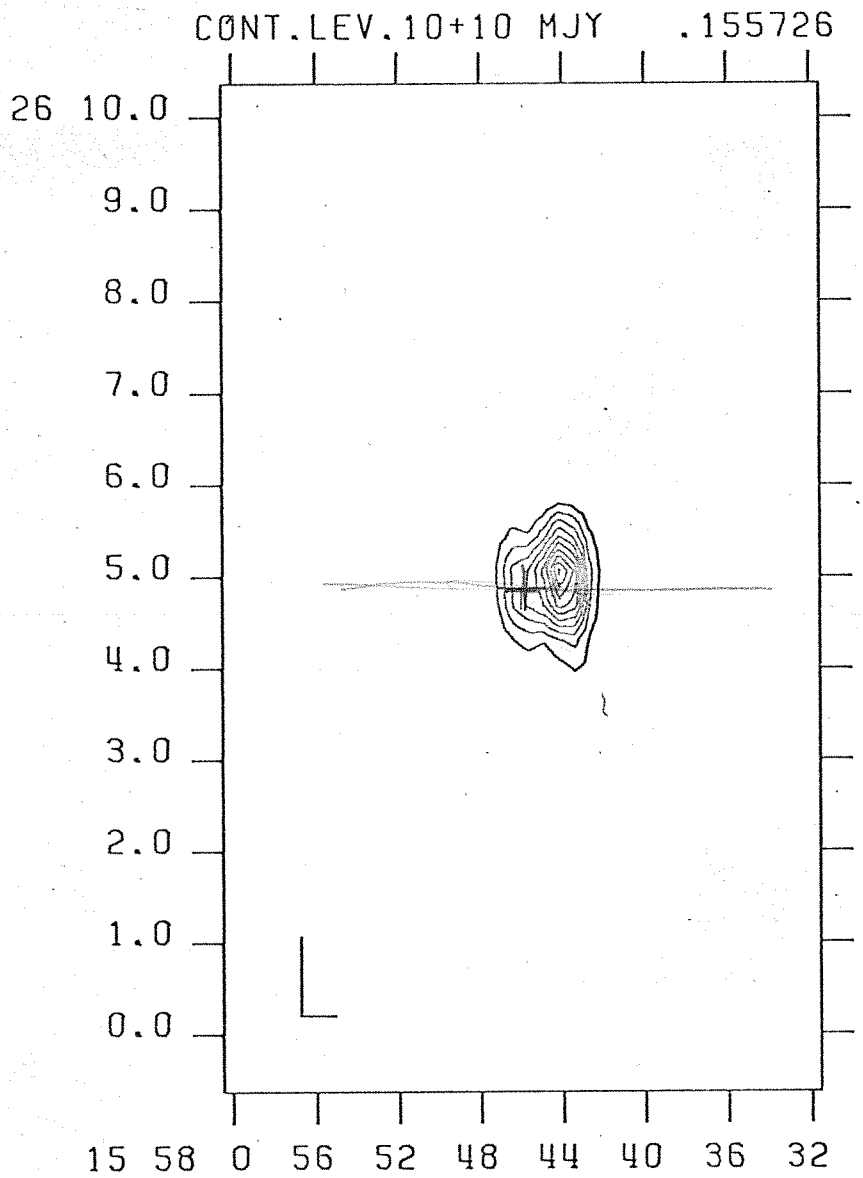
WC115.155530 15 55 50.2 30 50 47.9 SMAX=160.2M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(15.0 30.0 45.0 +19 M.F.U.

TAPER= 23.0 BEAM=(22.8X44.5) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C155530.CW1 0. SUBTR. *CLEAN*



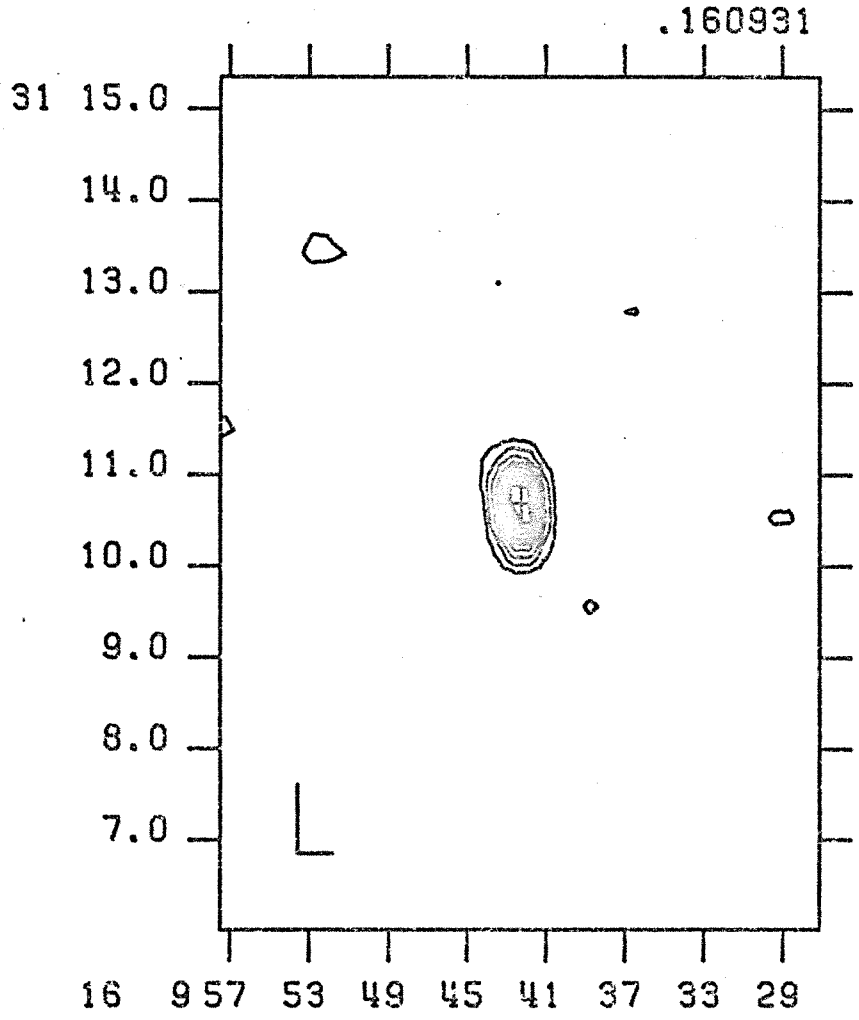
WC115.155726 15 57 46.0 26 4 52.0 SMAX=102.9M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(10.0 20.0 30.0 +10 M.F.U.

TAPER= 23.0 BEAM=(22.8X51.8) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C155726.CW1 0. SUBTR. *CLEAN*



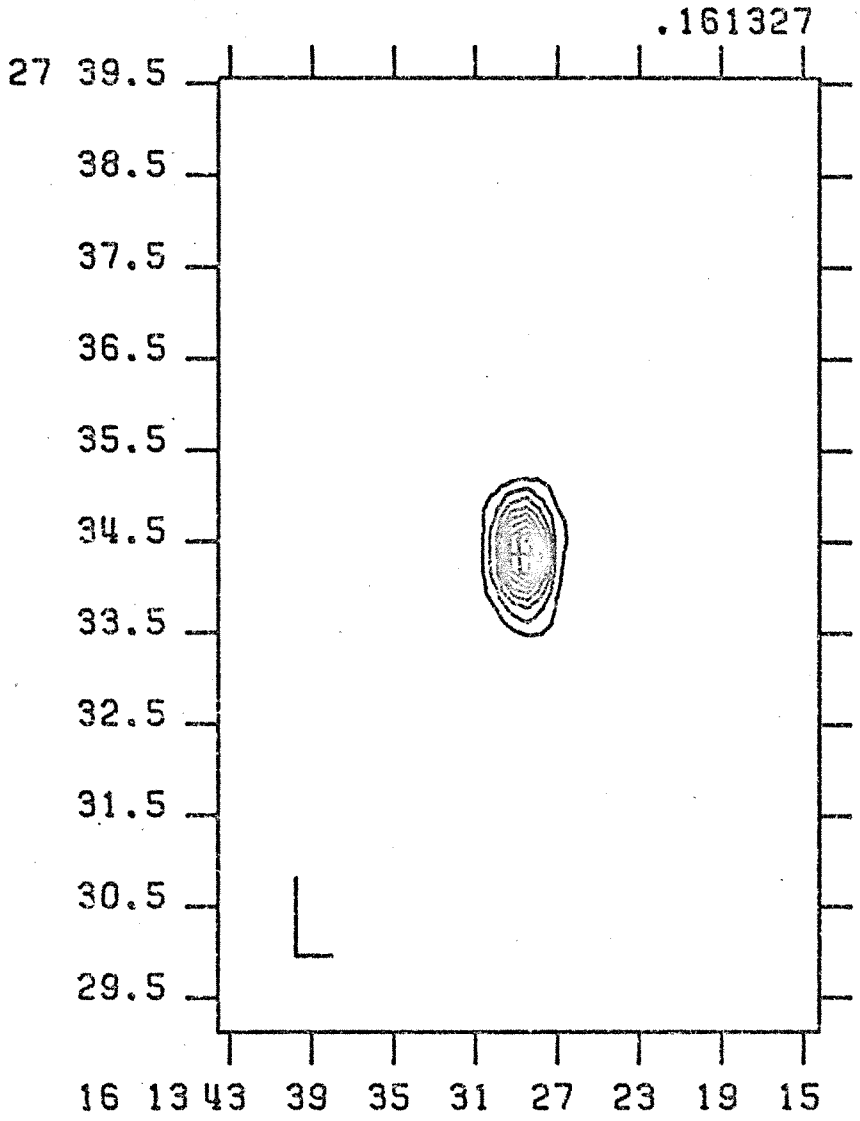
WC115.160931 16 9 42.3 31 10 41.0 SMAX=101.7M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(10.0 20.0 30.0 *10 M.F.U.

TAPER= 23.0 BEAM=(23.7X45.0) NOISE(1XR.M.S.)= 0.9 M.U.

OSN=C160931.CW1 0. SUBTR. *CLEAN*



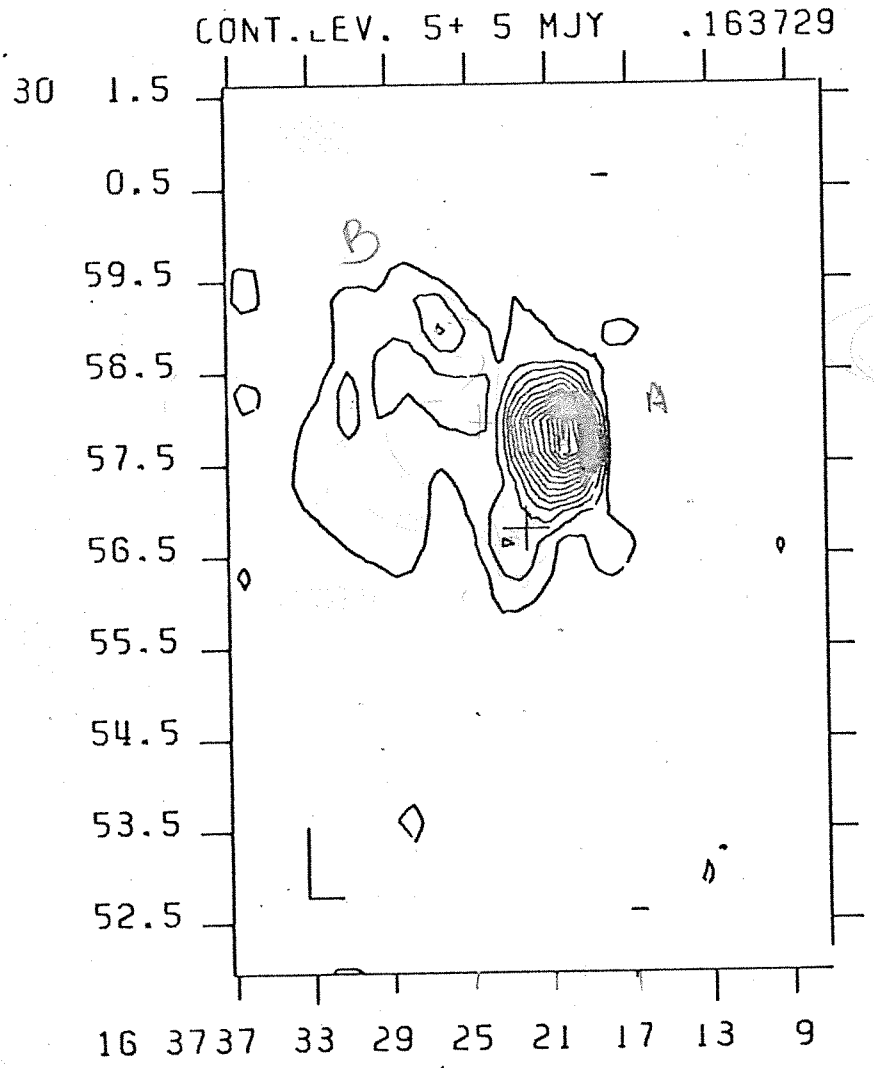
WC115.161327 16 13 26.9 27 34 21.0 SMAX=221.8M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(15.0 30.0 45.0 +19 M.F.U.

TAPER= 23.0 BEAM=(23.6X51.5) NOISE(1XR.M.S.)= 0.9 M.U.

OSN=C161327.CW1 0. SUBTR. *CLEAN*



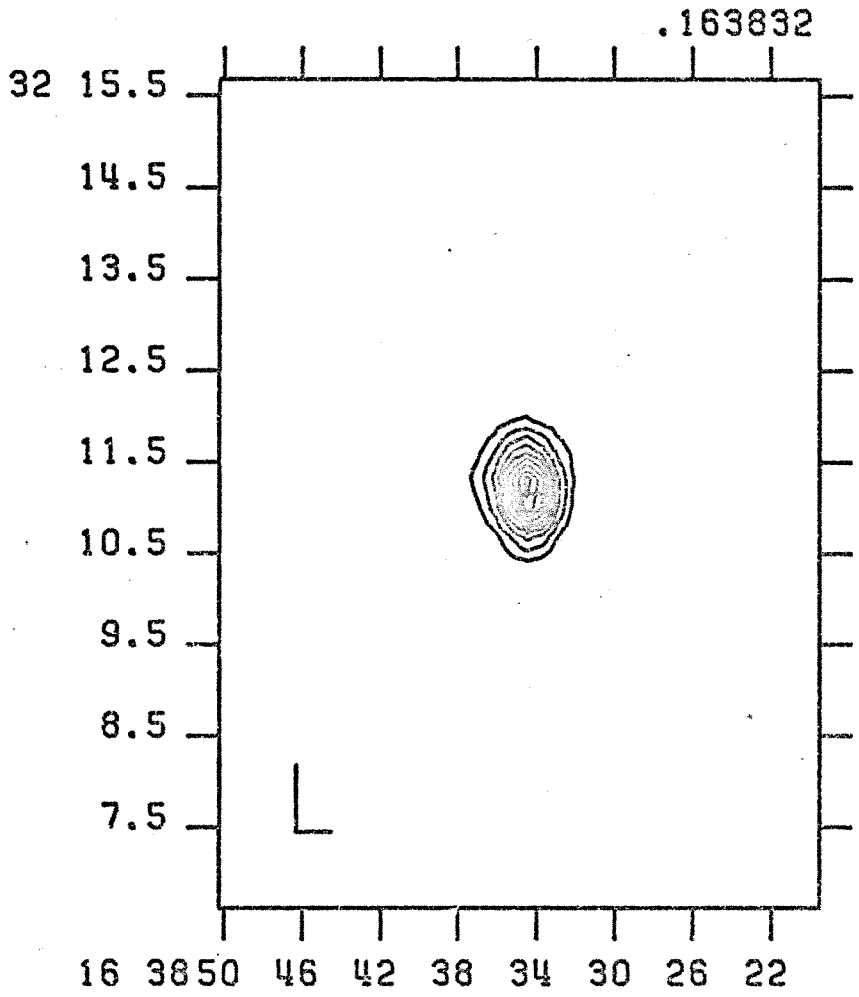
WC115.163729 16 37 22.2 29 56 46.9 SMAX=76.6 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(5.0 10.0 15.0 +5)M.F.U.

TAPER= 23.0 BEAM=(23.0X46.1) NOISE(1XR.M.S.)= 0.7 M.U.

DSN=C163729.CW1 0. SUBTR. *CLEAN*



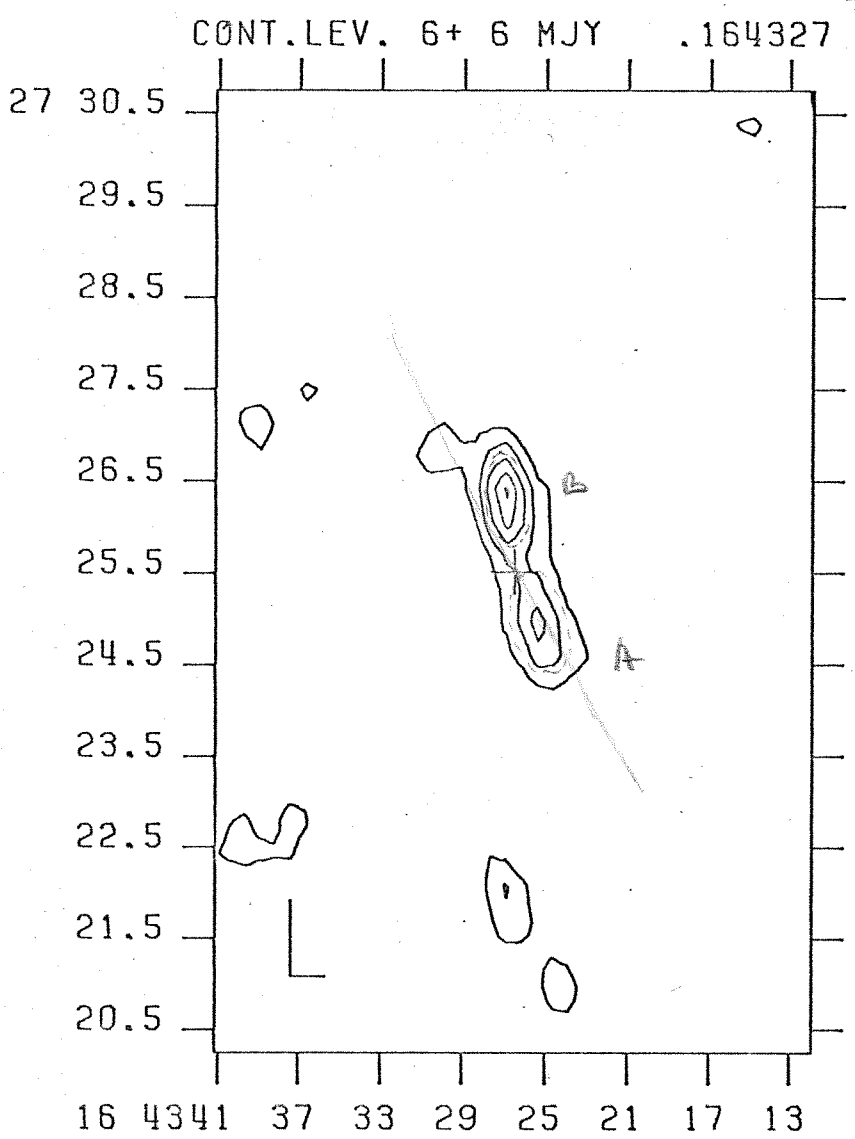
WC115.163832 16 36 34.9 32 11 6.8 SMAX=168.5M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=[20.0 40.0 60.0 +20 M.F.U.

TAPER= 23.0 BEAM=(23.6X44.4) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C163832.CW1 0. SUBTR. *CLEAN*



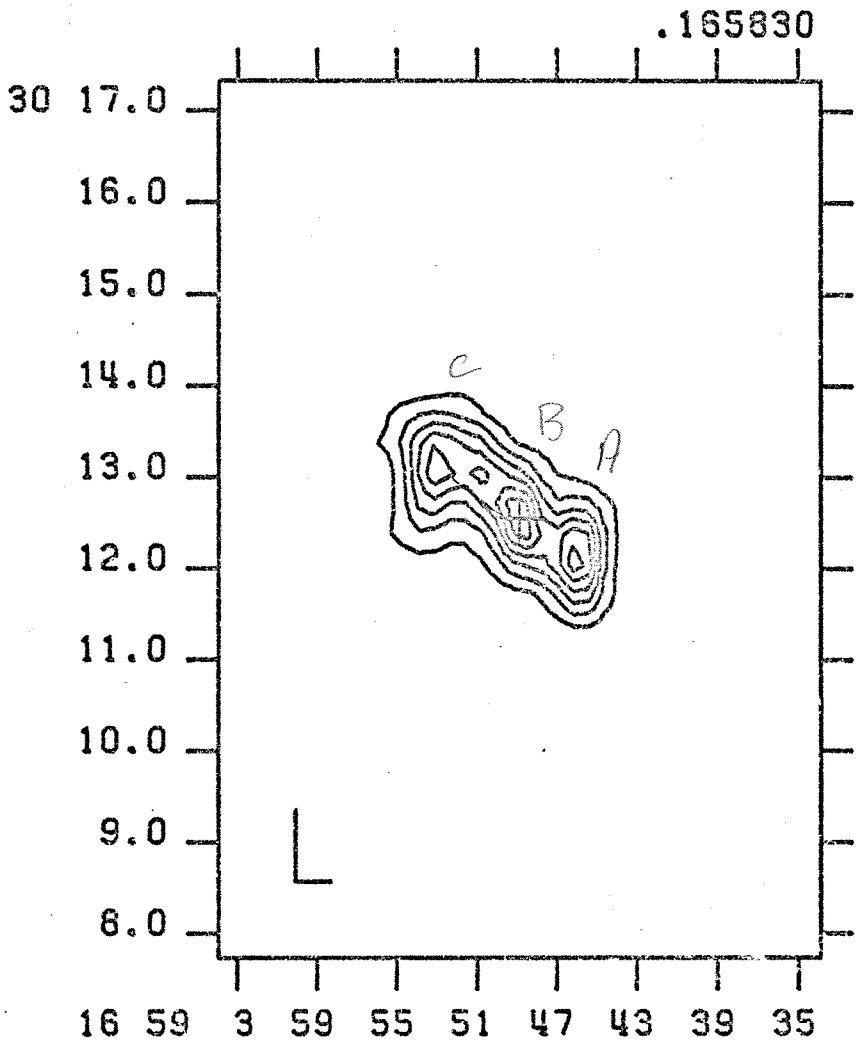
WC115.164327 16 43 26.5 27 25 30.2 SMAX=31.2 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(6.0 12.0 18.0 +6)M.F.U.

TAPER= 23.0 BEAM=(23.0X50.0) NOISE(1XR.M.S.)= 0.7 M.U.

DSN=C164327.CW1 0. SUBTR. *CLEAN*



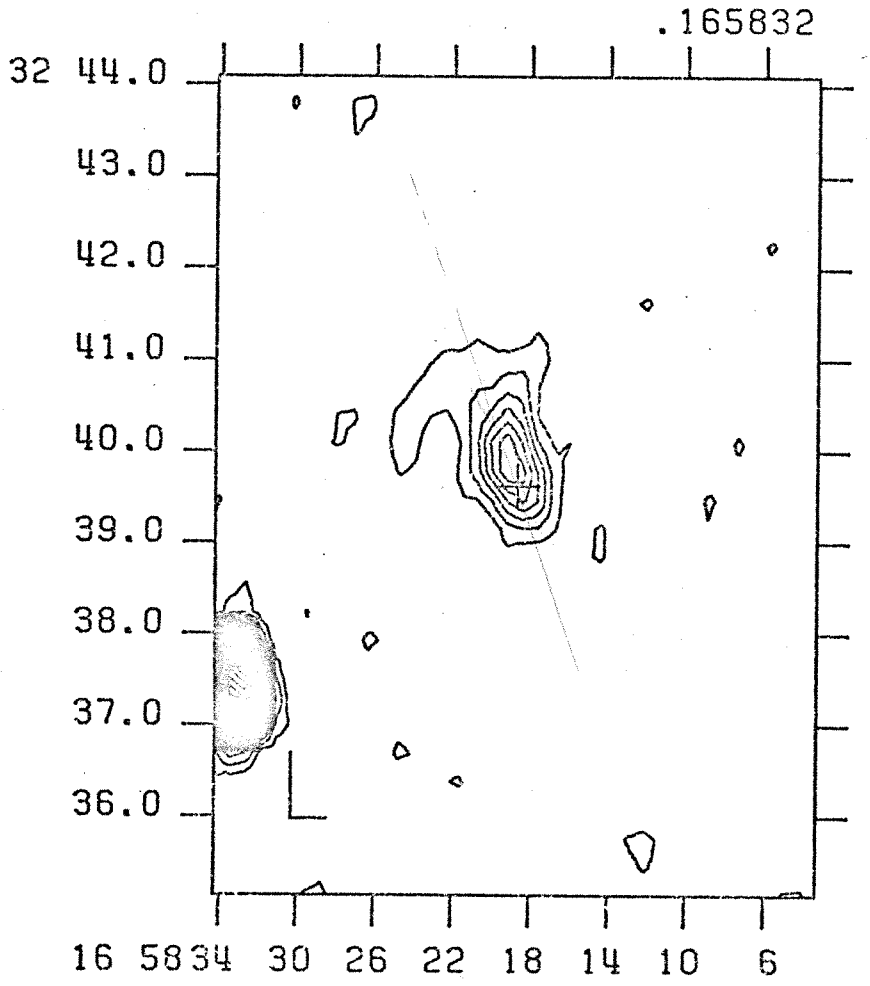
WC115.165830 16 58 48.9 30 12 32.0 SMAX=38.9 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(15.0 30.0 45.0 +19 M.F.U.

TAPER= 23.0 BEAM=(29.7X47.0) NOISE(1XR.M.S.)= 0.9 M.U.

DSN=C165830.CM1 0. SUBTR. *CLEAN*



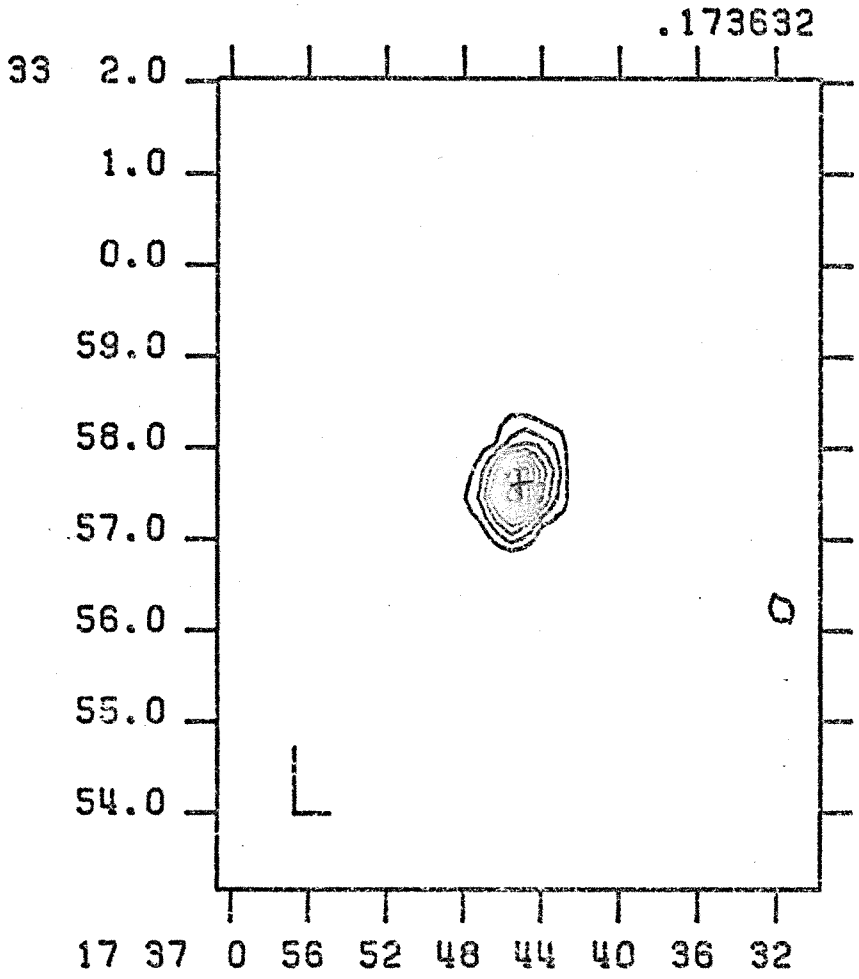
WC115.165832 16 58 18.8 32 39 37.0 SMAX=403.7M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(10.0 20.0 30.0 +10 M.F.U.

TAPER= 23.0 BEAM=(23.4X43.5) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C165832.CW2 0. SUBTR. *CLEAN*



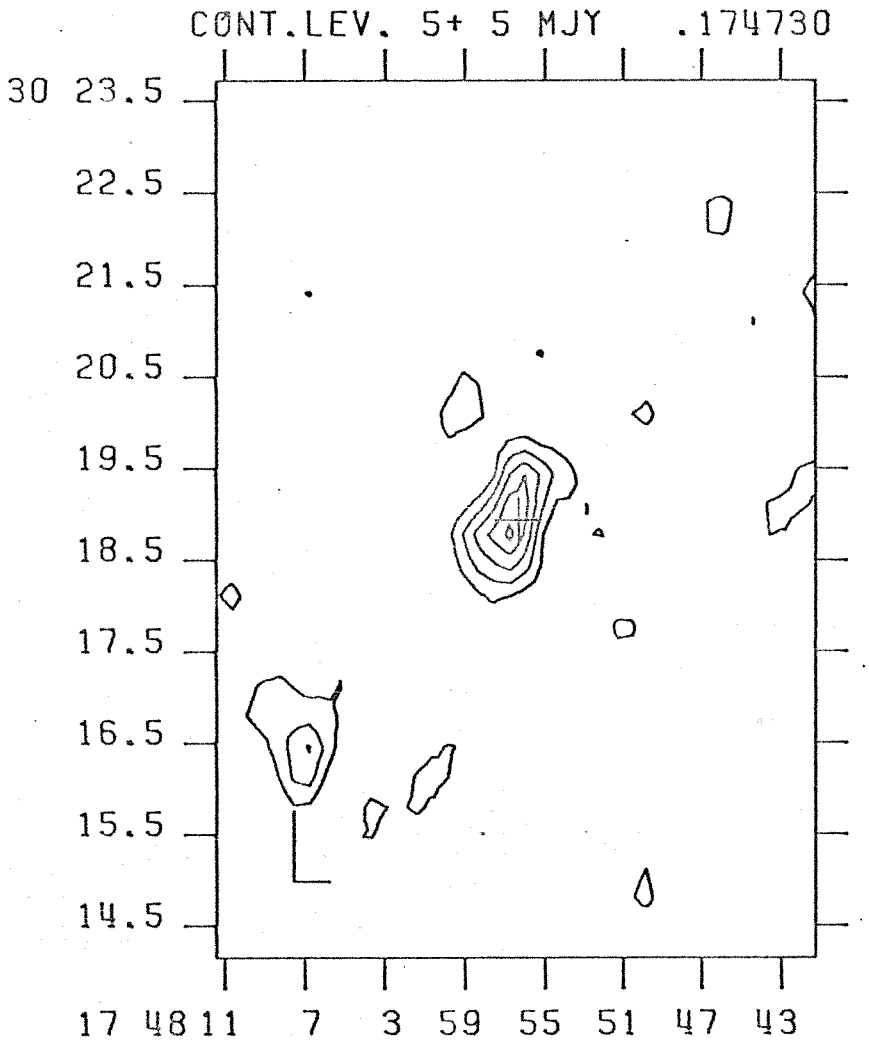
WC115.173632 17 36 45.2 32 57 36.0 SMAX=129.SN.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(15.0 30.0 45.0)*19 M.F.U.

TAPER= 23.0 BEAM=(23.7X43.5) NOISE(1SA.M.S.)= 0.8 M.U.

DSN=C173632.CW1 0. SUBTR. *CLEAN*



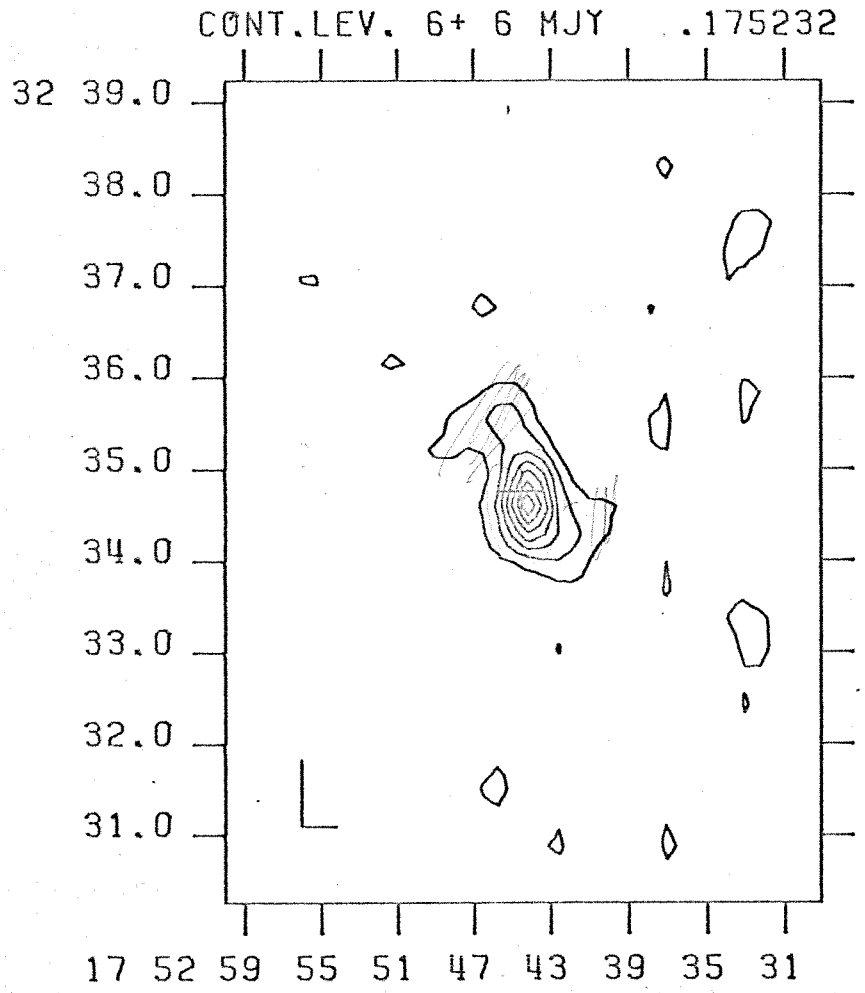
WC115.174730 17 47 56.3 30 18 56.0 SMAX=78.0 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(5.0 10.0 15.0 +5)M.F.U.

TAPER= 23.0 BEAM=(23.5X46.5) NOISE(1XR.M.S.)= 0.7 M.U.

DSN=C174730.CW1 0. SUBTR. *CLEAN*



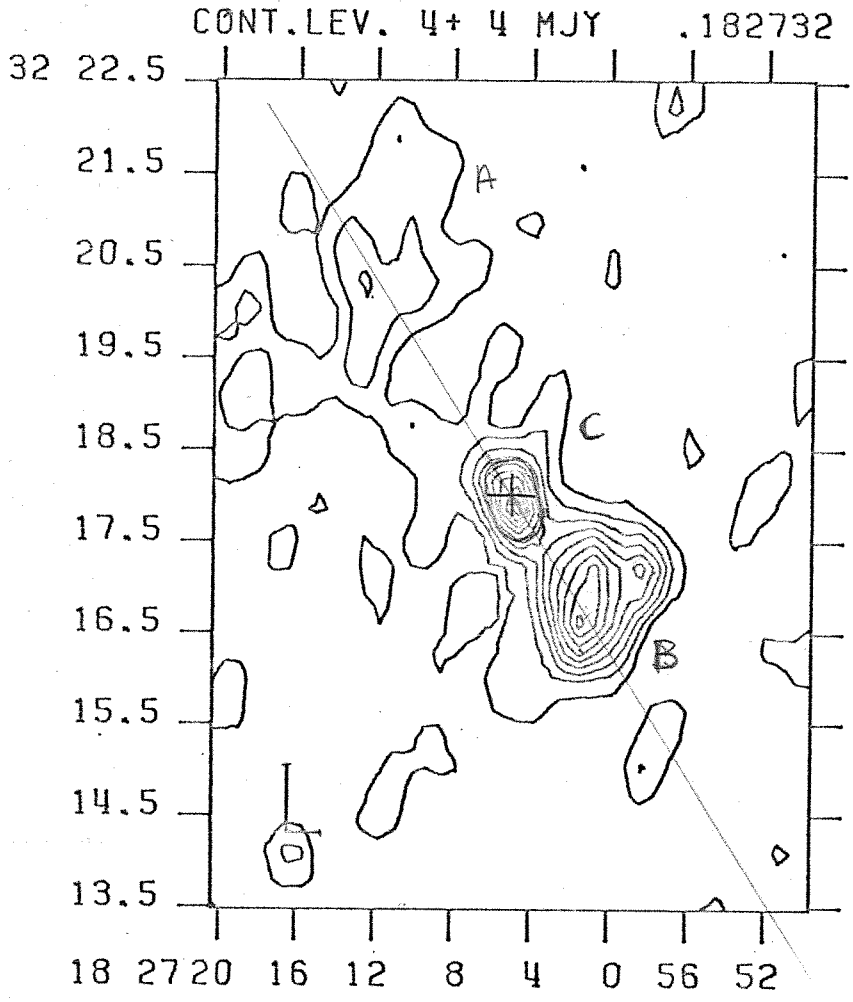
WC115.175232 17 52 44.5 32 34 45.0 SMAX=108.6M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(6.0 12.0 18.0 +6)M.F.U.

TAPER= 23.0 BEAM=(23.5X43.7) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C175232.CW1 0. SUBTR. *CLEAN*



WC115.182732 18 27 5.0 32 17 60.0 SMAX=39.1 M.F.U.

1 CM= 50.0 (R.A.) 50.0 (DEC) ARCSEC

CONT.LEV.=(4.0 8.0 12.0 +4)M.F.U.

TAPER= 23.0 BEAM=(23.5X44.0) NOISE(1XR.M.S.)= 0.8 M.U.

DSN=C182732.CW1 0. SUBTR. *CLEAN*