Table B.1. **SEST source catalogue and the observed SiO $J = 2-1$ and $J = 3-2$ line parameters.**

Source l,b [°] (1)	dist. [kpc]	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	$T_A^\star$ [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
1		5:30:14.5	$2 \rightarrow 1$		0.03										J
IRAS05302-0537		-5:37:52	$3 \rightarrow 2$		0.06										
208.90-20.05	0.5^a		Arc.	20.6	5.4	7.4	6.9	8.3	7.6		1.4		11.1	8.8[10]	Orion A-west
2		5:32:46.4	$2 \rightarrow 1$	0.10	0.02	12.0	10.8	13.2	12.0	11.9 ± 0.9	2.4	1.5 ± 0.1	0.20 ± 0.03	0.0	H
IRAS05327-0457		-4:57:38	$3 \rightarrow 2$	0.07	0.02	11.6	10.8	13.2	12.0	11.7 ± 1.4	2.4	1.1 ± 0.1	0.10 ± 0.04	-0.3	
208.57-19.18	0.5^a		Arc.	11.8	3.4	10.2	7.4	10.7	9.1		3.3		10.2		S279
3		5:32:47.0	$2 \rightarrow 1$	4.32	0.02	11.7	-47.7	55.6	3.9	9.32 ± 0.02	103.3	32.89 ± 0.01	122.6 ± 0.3	0.2	A, G, Gen
Ori KL		-5:24:23	$3 \rightarrow 2$	7.49	0.15	8.7	-26.2	49.1	11.4	10.83 ± 0.05	75.3	31.18 ± 0.03	221.1 ± 2.0	-0.1	
208.99-19.38	0.5^a		Arc.	200900	4	7.5	-10.0	25.0	7.5		35.0		165400	9.0[4]	
4		5:32:58.2	$2 \rightarrow 1$		0.03										(A)
OMC 2(2)		-5: 7:36	$3 \rightarrow 2$		0.07										
208.75-19.22	0.5^a		Arc.	44.3	2.9	7.4	7.0	10.9	8.9		3.9		69.8	11.3[4]	
5		5:32:59.8	$2 \rightarrow 1$		0.03										P208.82-19.24, A
OMC 2(1)		-5:11:29	$3 \rightarrow 2$		0.07										
208.82-19.24	0.5^a		Arc.	152.7	3.8	7.5	6.6	10.6	8.6		4.0		112.1	12.3[2]	
6		5:33:53.2	$2 \rightarrow 1$		0.05										
HH1		-6:46:50													
210.42-19.76	0.5^a		Arc.		2.9									-	IRAS05338-0647
7		5:37:30.9	$2 \rightarrow 1$		0.06										J
IRAS05375-0731		-7:31:51													
211.56-19.29	0.5^a		Arc.		3.1									4.8[10]	L1641 S3
8		5:39:13.7	$2 \rightarrow 1$	0.12	0.03	10.8	9.6	14.4	12.0	11.0 ± 0.9	4.8	1.5 ± 0.1	0.3 ± 0.1	-0.5	A
NGC2024		-1:57:30	$3 \rightarrow 2$	0.08	0.04	10.6	9.0	11.4	10.2	10.7 ± 1.9	2.4	1.2 ± 0.2	0.1 ± 0.1	0.3	
206.57-16.36	0.5^a		Arc.	28.1	2.6	10.2	9.8	10.7	10.2		0.9		27.1	10.7[4]	Orion B
9		5:41:18.6	$2 \rightarrow 1$	0.11	0.01	7.8	-14.8	13.8	-0.5	2.8 ± 0.2	28.6	16.5 ± 0.2	1.5 ± 0.1	0.6	J
IRAS05413-0104		-1: 4:17	$3 \rightarrow 2$	0.19	0.03	9.2	-14.7	13.9	-0.4	4.1 ± 0.2	28.6	13.1 ± 0.1	2.2 ± 0.2	0.7	
206.01-15.48	0.5^a		Arc.	39.2	3.5	2.4	2.0	2.8	2.4		0.8		38.1	10.2[13]	L1630
10		5:43:35.9	$2 \rightarrow 1$		0.04										
HH19-27		-0: 9:26	$3 \rightarrow 2$		0.07										
205.45-14.55	0.5^a		Arc.		4.5									10.0[14]	
11		5:44:31.3	$2 \rightarrow 1$	0.11	0.02	12.0	3.7	19.2	11.5	12.1 ± 0.5	15.5	8.5 ± 0.1	1.0 ± 0.1	0.1	A
NGC2071		0:20:48	$3 \rightarrow 2$	0.12	0.02	12.2	1.1	18.6	9.9	11.9 ± 0.4	17.5	7.6 ± 0.1	1.0 ± 0.1	0.3	
205.11-14.11	0.5^a		Arc.	598.7	9.6	15.9	-8.0	19.4	5.7		27.4		971.7	9.6[4]	IRAS05445+0020
12		6: 5:16.9	$2 \rightarrow 1$		0.03										(A)
Mon R2(1)		-6:22:48	$3 \rightarrow 2$		0.04										
213.70-12.62	1.1		Arc.	38.2	2.3	11.8	11.5	12.0	11.8		0.5		27.4	10.7[4]	NGC2070

A=Anglada et al. (1996); Arc.=Comoretto et al. (1990), Palagi et al. (1993), Brand et al. (1994); B&E=Braz & Epchtein (1983); B89= Braz et al. (1989); Bro=Bronfman et al. (1996); C=Churchwell et al. (1990); Cha=Chan et al. (1996); C95=Caswell et al. (1995) C96=Caswell (1996); CV95=Caswell & Vaile (1995); E=Ellingsen et al. (1996); G=Gaume & Mutel (1987); Gen=Gensheimer et al. (1996); H=Henning et al. (1992); Hof=Hofner & Churchwell (1996); J=Jenness et al. (1995); Juv=Juvela (1996); M=Molinari et al. (1996); Men=Menten (1991); P=Plume et al. (1992); Sca=Scalise et al. (1989); vdW=van der Walt et al. (1995); WB=Wouterloot & Brand (1989); Z95=Zinchenko et al. (1995)
Distance references: [a] Jenniskens & Wouterloot (1990); [b] Brand & Blitz (1993); [c] Avedisova & Palouš (1989); [d] Henning et al. (1990); [e] Simpson & Rubin (1990)
Cloud velocity references: [1] Bronfman et al. (1996); [2] Plume et al. (1992); [4] Anglada et al. (1996); [5] Zinchenko et al. (1995); [6] Juvela (1996); [7] Wouterloot & Brand (1989); [8] Churchwell et al. (1990); [9] Jenness et al. (1995); [10] Wouterloot et al. (1988); [11] Brand & Blitz (1993); [13] Lada et al. (1991); [14] Haschick et al. (1983); [15] Gardner & Whiteoak (1978); [16] Codella & Felli (1995); [17] Cesaroni et al. (1991)

Table B.1. **(continued)**

Source l,b [°] dist. [kpc] (1)	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	$T_A^\star$ [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
13	6: 5:21.7	$2 \rightarrow 1$		0.05										P213.71-12.60, A, J, (H)
Mon R2 IRS3	-6:22:35	$3 \rightarrow 2$		0.06										NGC2070
213.71-12.60 1.0		Arc.	173.8	2.6	18.1	17.8	18.3	18.0		0.5		95.8	10.4^2	IRAS06053-0622
14	6: 8:25.6	$2 \rightarrow 1$		0.03										A, J, (H)
GGD12-15	-6:10:49	$3 \rightarrow 2$		0.10										
213.88-11.83 1.1		Arc.		4.0									11.5^4	IRAS06084-0611
15	6:10:23.0	$2 \rightarrow 1$		0.03										A, J
GGD16-17	-6:12:55	$3 \rightarrow 2$		0.05										
214.13-11.41 1.2		Arc.		3.8									12.6^4	
16	6:52: 6.1	$2 \rightarrow 1$		0.03										P217.33-1.37
S286	-4:28:22	$3 \rightarrow 2$		0.05										(WB909)
217.33-1.37 6.3		Arc.		5.0									51.0^7	IRAS06520-0428
17	6:57:54.5	$2 \rightarrow 1$		0.03										
IRAS06579-0432	-4:32:22	$3 \rightarrow 2$		0.04										Bro
218.05-0.12 2.6		Arc.	191.6	2.7	30.9	29.3	31.7	30.5		2.4		110.6	26.3^1	S287-A, WB931
18	7: 0:39.2	$2 \rightarrow 1$		0.05										
IRAS07006-0654	-6:54: 1	$3 \rightarrow 2$		0.07										
220.46-0.60 2.8		Arc.	49.4	1.9	31.1	21.4	34.9	28.2		13.5		69.0	29.1^7	WB939
19	7: 2:21.0	$2 \rightarrow 1$		0.05										
G224.32-2.14	-11: 1:48	$3 \rightarrow 2$		0.07										
224.32-2.14 1.2^b		Arc.	29.0	1.0	18.0	1.9	19.3	10.6		17.4		31.2	-	S292
20	7: 7:43.5	$2 \rightarrow 1$	0.12	0.02	14.6	0.3	24.1	12.2	12.8 ± 0.6	23.8	7.3 ± 0.1	0.8 ± 0.1	0.2	Bro
IRAS07077-1026	-10:26:49	$3 \rightarrow 2$	0.13	0.02	14.1	12.5	17.0	14.8	14.7 ± 0.9	4.5	3.7 ± 0.1	0.4 ± 0.1	-0.3	
224.42-0.70 1.2		Arc.	35.6	1.6	10.5	2.7	16.5	9.6		13.8		30.0	13.7^1	WB957
21	7:11: 9.9	$2 \rightarrow 1$		0.03										Bro
IRAS07111-1211	-12:11:40	$3 \rightarrow 2$		0.06										
226.36-0.77 1.3		Arc.	16.2	1.8	15.7	10.8	16.9	13.9		6.1		19.8	15.3^1	
22	7:18: 0.8	$2 \rightarrow 1$		0.03										
L1660	-23:56:42	$3 \rightarrow 2$		0.06										WB977
237.51-4.84 1.7		Arc.	33.5	3.3	21.4	20.7	24.0	22.4		3.3		31.8	19.4^7	IRAS07180-2356
23	7:20:43.9	$2 \rightarrow 1$		0.06										Bro
IRAS07207-1435	-14:35:42	$3 \rightarrow 2$		0.07										
229.57+0.15 5.4		Arc.	103.9	2.45	51.9	39.7	62.3	51.0		22.6		472.5	53.3^1	WB985
24	7:22:33.4	$2 \rightarrow 1$		0.03										A
HHL-50	-24:28:58	$3 \rightarrow 2$		0.07										
238.48-4.18 1.8		Arc.	33.0	2.4	6.5	6.3	6.8	6.6		0.5		11.5	19.8^4	IRAS07225-2428
25	7:42:16.1	$2 \rightarrow 1$		0.06										Bro
IRAS07422-2001	-20: 1:15	$3 \rightarrow 2$		0.07										
236.82+1.98 5.1		Arc.	35.1		44.9	43.2	44.9	44.1		1.7		110.6	52.8^1	
26	7:42:45.0	$2 \rightarrow 1$		0.07										H, Bro
IRAS07427-2400	-24: 0:22	$3 \rightarrow 2$		0.07										
240.32+0.07 7.0		Arc.	33.6	3.8	70.9	62.1	71.9	67.0		9.8		61.7	68.0^1	

Table B.1. (continued)

Source l,b [°] dist. [kpc] (1)	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	T_A^* [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
27	8:30:23.2	$2 \rightarrow 1$		0.04										Z95, Bro
IRAS08303-4303	-43: 3:31	$3 \rightarrow 2$		0.05										
261.64-2.09 2.3		Sca	220		8								14.4[5]	
28	8:47: 0.0	$2 \rightarrow 1$	0.09	0.02	12.7	8.0	18.7	13.4	13.9 ± 0.9	10.7	6.8 ± 0.2	0.6 ± 0.1	-0.1	UC, Bro, Cha
IRAS08470-4243	-42:43:12	$3 \rightarrow 2$	0.15	0.03	12.5	8.5	23.6	16.0	14.1 ± 0.6	15.1	5.8 ± 0.1	1.0 ± 0.1	-0.5	
263.25+0.51 2.2		IRAS											12.0[1]	
29	8:54:39.0	$2 \rightarrow 1$		0.06										Z95
RCW34	-42:53:30	$3 \rightarrow 2$		0.07										
264.28+1.48 1.4		B&E	87		11								6.1[5]	
30	8:57:21.7	$2 \rightarrow 1$		0.04										Z95
RCW38	-47:19: 4	$3 \rightarrow 2$		0.07										
267.94-1.06 0.8		B&E	20		-3								1.7[5]	IRAS08573-4718
31	8:57:36.3	$2 \rightarrow 1$		0.05										Z95, (Bro)
RCW36	-43:33:38	$3 \rightarrow 2$		0.06										
265.14+1.45 1.8		B&E	27		9								7.7[5]	IRAS08576-4334
32	9: 0:12.1	$2 \rightarrow 1$	0.14	0.01	3.0	-1.8	7.8	3.0	3.5 ± 0.1	9.6	3.9 ± 0.1	0.64 ± 0.04	0.0	Z95, Bro, Cha
IRAS09002-4732	-47:32: 7	$3 \rightarrow 2$	0.19	0.02	3.6	0.4	6.0	3.2	3.3 ± 0.1	5.6	3.25 ± 0.05	0.7 ± 0.1	0.1	
268.42-0.85 1.3		B89	68		-59								3.4[5]	
33	9: 1:45.0	$2 \rightarrow 1$		0.04										Z95
RCW39	-48:14: 0	$3 \rightarrow 2$		0.06										
269.11-1.12 2.6		B&E	98		5								10.0[5]	IRAS09017-4813
34	9: 1:51.6	$2 \rightarrow 1$	0.06	0.02	10.9	3.8	13.3	8.6	9.6 ± 1.1	9.5	5.5 ± 0.2	0.3 ± 0.1	0.5	Z95, Bro
IRAS09018-4816	-48:16:43	$3 \rightarrow 2$	0.09	0.03	10.8	9.2	12.4	10.8	10.8 ± 1.2	3.2	1.2 ± 0.1	0.2 ± 0.1	0.0	
269.16-1.14 2.6		B89	59		18								10.0[5]	
35	9:14:57.9	$2 \rightarrow 1$	0.19	0.02	9.7	5.0	28.8	16.9	14.8 ± 0.5	23.8	12.1 ± 0.1	1.8 ± 0.1	-0.6	UC, Bro, Cha
IRAS09149-4743	-47:43:50	$3 \rightarrow 2$	0.17	0.03	9.5	3.2	25.3	14.2	12.8 ± 0.5	22.1	9.8 ± 0.1	1.6 ± 0.2	-0.4	
270.26+0.84 2.6		IRAS											9.3[1]	
36	9:14:58.0	$2 \rightarrow 1$		0.05										Z95, (Bro)
RCW41	-47:44: 0	$3 \rightarrow 2$		0.05										
270.26+0.83 2.7		B&E	890		9								9.8[5]	IRAS09149-4743
37	9:22:45.9	$2 \rightarrow 1$		0.02										UC, Bro, Cha
IRAS09227-5146	-51:46:36	$3 \rightarrow 2$		0.03										
274.01-1.15 6.4		IRAS											37.0[1]	
38	10: 4:55.4	$2 \rightarrow 1$		0.02										UC, Bro, Cha
IRAS10049-5657	-56:57:48	$3 \rightarrow 2$		0.03										
282.03-1.18 6.8		IRAS											26.2[1]	
39	10:18:26.5	$2 \rightarrow 1$	0.10	0.03	8.6	7.4	13.3	10.4	9.8 ± 0.6	5.9	3.3 ± 0.1	0.5 ± 0.1	-0.6	UC, Bro, Cha
IRAS10184-5748	-57:48:32	$3 \rightarrow 2$	0.10	0.03	9.5	7.1	12.7	9.9	9.8 ± 0.7	5.6	3.6 ± 0.1	0.4 ± 0.1	-0.1	
284.01-0.85 5.4		IRAS											8.9[1]	

Table B.1. **(continued)**

Source l,b [°] (1)	dist. [kpc]	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	T_A^* [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
40		10:19:42.0	2 → 1		0.02										B&E, Z95
OH284.17-0.79		-57:50: 6	3 → 2		0.03										
284.17-0.79	2.9[c]		OH	130		-27	-30	20						-	RCW48/49
41		10:22:20.0	2 → 1		0.04										Z95
RCW49		-57:32: 0	3 → 2		0.08										
284.30-0.34	6.6		B&E	67		7								19.3[11]	
42		10:22:20.9	2 → 1		0.04										Z95
G284.36-0.42		-57:37:48	3 → 2		0.05										
284.36-0.42	5.1		B&E	340		7								5.7[5]	RCW49
43		10:29:36.8	2 → 1	0.15	0.03	4.8	-8.3	11.9	1.8	5.0 ± 0.3	20.2	6.4 ± 0.1	1.0 ± 0.1	0.3	Z95, (Bro)
G285.26-0.05		-57:46:40	3 → 2	0.28	0.03	4.2	-3.7	13.7	5.0	4.6 ± 0.1	17.4	8.3 ± 0.1	2.3 ± 0.2	-0.1	
285.26-0.05	4.9		B&E	560		3								2.6[5]	IRAS10295-5746
44		10:36:34.8	2 → 1		0.04										Z95, Bro
IRAS10365-5803		-58: 3:22	3 → 2		0.04										
286.20+0.17	-		Sca	25		-20								-20.1[5]	
45		10:41:39.0	2 → 1		0.05										Z95
RCW53		-59:19: 0	3 → 2		0.06										
287.38-0.62	2.8[c]		B&E	38		-20								-23.5[5]	
46		11: 9:42.0	2 → 1	0.16	0.04	-23.1	-26.7	-18.3	-22.5	-22.7 ± 1.7	8.4	4.8 ± 0.1	0.9 ± 0.2	-0.1	Z95, (Bro)
G291.27-0.71		-61: 1:55	3 → 2	0.09	0.05	-22.9	-26.7	-19.7	-23.2	-22.4 ± 3.2	7.0	2.8 ± 0.2	0.3 ± 0.2	0.1	
291.27-0.71	2.8[c]		B&E	250		-32								-23.9[5]	IRAS11097-6102
47		11: 9:44.7	2 → 1	0.14	0.04	-22.7	-27.4	-16.7	-22.0	-22.4 ± 1.5	10.7	5.0 ± 0.1	0.8 ± 0.1	-0.1	UC, Bro
IRAS11097-6102		-61: 2:17	3 → 2	0.13	0.05	-22.9	-25.3	-19.7	-22.5	-22.9 ± 2.2	5.6	3.1 ± 0.1	0.5 ± 0.2	-0.1	
291.27-0.71	2.8[c]		IRAS											-23.4[1]	G 38A
48		11: 9:47.2	2 → 1		0.05										Z95, (Bro)
RCW57		-61: 2:30	3 → 2		0.08										NGC 3576
291.28-0.71	2.8[c]		B&E	250		-123								-23.9[5]	IRAS11097-6102
49		11:12:54.0	2 → 1	0.09	0.02	13.4	7.5	21.7	14.6	13.9 ± 0.9	14.2	5.8 ± 0.1	0.6 ± 0.1	-0.2	Z95
NGC3603		-60:52:57	3 → 2	0.09	0.03	14.4	7.3	19.9	13.6	12.4 ± 0.8	12.6	6.1 ± 0.1	0.6 ± 0.1	0.1	
291.57-0.43	7.7		B&E	360		14								13.5[5]	
50		11:13: 3.5	2 → 1		0.04										Z95
G291.64-0.56		-61: 1:55	3 → 2		0.06										
291.64-0.56	7.6		B&E	87		-4								12.3[5]	NGC3603
51		11:33:12.9	2 → 1		0.04										Z95, Bro
IRAS11332-6258		-62:58:15	3 → 2		0.05										
294.51-1.62	2.1		B89	90		-12								-15.6[5]	
52		11:36:51.6	2 → 1	0.11	0.02	-8.2	-17.7	0.2	-8.8	-6.2 ± 0.3	17.9	7.6 ± 0.1	0.9 ± 0.1	0.1	Z95, Bro, Cha
IRAS11368-6312		-63:12: 9	3 → 2	0.11	0.03	-8.4	-10.7	3.5	-3.6	-6.2 ± 0.3	14.2	7.1 ± 0.1	0.7 ± 0.1	-0.7	
294.97-1.73	1.0		B&E	64		-4								-8.6[5]	

Table B.1. (continued)

Source l,b [°] (1)	 dist. [kpc] 	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	T_A^* [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
53		12: 7:22.0	2 → 1		0.05										Z95, Cha
G298.22-0.34		-62:33:20	3 → 2		0.06										
298.22-0.34	11.3		B&E	15		24								35.0[5]	IRAS12073-6233
54		12:12:42.3	2 → 1		0.02										UC, Bro, Cha
IRAS12127-6244		-62:44:39	3 → 2		0.03										
298.86-0.44	10.8		IRAS											28.5[1]	
55		12:32: 0.2	2 → 1	0.10	0.02	-42.2	-48.2	-41.0	-44.6	-44.4 ± 3.2	7.2	6.6 ± 0.2	0.5 ± 0.1	0.7	Z95
RCW65		-61:23:44	3 → 2	0.06	0.03	-42.0	-45.2	-39.6	-42.4	-42.4 ± 7.8	5.6	0.6 ± 0.2	0.06 ± 0.04	0.1	
300.97+1.14	2.0		B&E	90		-63								-43.0[5]	
56		12:32: 1.7	2 → 1	0.10	0.03	-42.2	-46.5	-40.3	-43.4	-43.0 ± 3.5	6.2	4.2 ± 0.1	0.5 ± 0.1	0.4	UC, Bro
IRAS12320-6122		-61:22:52	3 → 2	0.09	0.04	-45.2	-47.6	-42.0	-44.8	-44.4 ± 5.2	5.6	2.1 ± 0.1	0.3 ± 0.1	-0.1	
300.97+1.15	2.0		IRAS											-43.0[1]	
57		12:32:41.0	2 → 1	0.50	0.02	-40.4	-57.1	-26.2	-41.7	-40.1 ± 0.6	30.9	10.7 ± 0.1	4.1 ± 0.2	0.1	UC, Z95, Bro
IRAS12326-6245		-62:45:57	3 → 2	0.79	0.03	-39.5	-58.5	-23.7	-41.1	-41.0 ± 0.5	34.8	14.2 ± 0.1	7.6 ± 0.3	0.1	G301.12-0.20
301.13-0.22	-		IRAS											-39.4[5]	
58		13: 5:24.6	2 → 1		0.02										UC, Bro
IRAS13054-6159		-61:59: 7	3 → 2		0.03										
304.93+0.55	3.6		IRAS											-34.4[1]	
59		13: 7: 3.5	2 → 1		0.02										UC, Bro
IRAS13070-6227		-62:27:55	3 → 2		0.03										
305.09+0.06	4.1		IRAS											-37.0[1]	
60		13: 7:59.9	2 → 1	0.37	0.03	-40.4	-59.4	-20.2	-39.8	-39.6 ± 0.6	39.2	16.8 ± 0.1	5.6 ± 0.2	0.0	Z95, (Bro), Cha
RCW74		-62:18:50	3 → 2	0.44	0.02	-40.6	-56.4	-22.4	-39.4	-39.6 ± 0.4	34.0	15.2 ± 0.1	6.2 ± 0.2	-0.1	(C95)
305.20+0.20	3.9		B&E	150		-41								-41.3[5]	IRAS13079-6218
61		13: 9:16.3	2 → 1	0.12	0.04	-41.0	-43.4	-37.4	-40.4	-40.6 ± 4.1	6.0	3.8 ± 0.2	0.6 ± 0.1	-0.2	UC
IRAS13092-6218		-62:18:36	3 → 2	0.10	0.06	-41.3	-42.0	-40.5	-41.2	-41.2 ± 8.0	1.5	1.2 ± 0.2	0.2 ± 0.1	-0.1	
305.35+0.20	4.2		IRAS											-37.7[5]	
62		13: 9:21.2	2 → 1	0.13	0.03	-37.4	-44.6	-27.9	-36.2	-36.4 ± 1.8	16.7	7.8 ± 0.1	1.2 ± 0.1	-0.1	Z95
G305.36+0.21		-62:18: 2	3 → 2	0.14	0.04	-38.1	-45.2	-31.0	-38.1	-37.2 ± 1.9	14.2	7.2 ± 0.1	1.1 ± 0.2	0.0	
305.36+0.21	4.2		B&E	60		-37								-37.7[5]	
63		13:29: 8.8	2 → 1		0.02										UC, Bro, Cha
IRAS13291-6229		-62:29:51	3 → 2		0.03										
307.62-0.26	3.4		IRAS											-36.6[1]	
64		13:29:24.3	2 → 1	0.25	0.02	-22.6	-39.2	-10.7	-25.0	-22.2 ± 0.5	28.5	9.8 ± 0.1	2.2 ± 0.1	0.2	Juv
IRAS13294-6011		-60:11:22	3 → 2	0.26	0.02	-21.6	-35.9	-12.1	-24.0	-23.3 ± 0.6	23.8	10.0 ± 0.1	2.1 ± 0.2	0.2	
308.01+2.02	1.9		B89	37		-22								-22.8[6]	
65		13:39:34.4	2 → 1		0.05										Juv, C95
RCW79		-61:53:45	3 → 2		0.07										AFGL4176
308.92+0.12	4.0[c]		B&E	8		-61								-50.9[6]	IRAS13395-6153

Table B.1. **(continued)**

Source l,b dist. [°] [kpc] (1)	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	$T_A^\star$ [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
66	13:47:11.3	2 → 1	0.08	0.03	-58.8	-66.0	-54.1	-60.0	-59.8 ± 4.7	11.9	4.8 ± 0.1	0.5 ± 0.1	0.2	UC, Bro, C95
IRAS13471-6120	-61:20:19	3 → 2	0.09	0.03	-58.7	-66.3	-53.5	-59.9	-58.8 ± 4.2	12.8	5.6 ± 0.2	0.6 ± 0.1	0.2	
309.92+0.48 -		IRAS											-58.4[1]	
67	13:47:12.5	2 → 1		0.03										Juv
G309.92+0.48	-61:19:58	3 → 2		0.05										
309.92+0.48 -		B&E	15		-74								-58.4[6]	IRAS13471-6120
68	14: 1:18.2	2 → 1	0.09	0.02	-55.3	-60.0	-51.7	-55.8	-55.2 ± 4.4	8.3	2.9 ± 0.1	0.3 ± 0.1	0.1	UC, Bro
IRAS14013-6105	-61: 5:45	3 → 2	0.09	0.03	-54.7	-57.9	-50.0	-54.0	-55.4 ± 5.1	7.9	3.2 ± 0.1	0.4 ± 0.1	-0.2	
311.63+0.29 -		IRAS											-56.1[1]	
69	14: 3:57.8	2 → 1		0.02										UC, Bro, Cha
IRAS14039-6113	-61:13: 4	3 → 2		0.03										
311.90+0.08 4.6		IRAS											-50.6[1]	
70	14: 4: 3.0	2 → 1		0.04										Juv
G311.94+0.18	-61: 7: 6	3 → 2		0.05										
311.94+0.18 3.5		B&E	23		-43								-42.2[6]	
71	14:39:26.3	2 → 1		0.04										Bro, Juv
IRAS14394-6004	-60: 4:33	3 → 2		0.05										
316.37-0.37 12.2		B89	46		-3								-1.6[6]	
72	14:40:30.0	2 → 1		0.05										B&E, (Bro), Juv
G316.64-0.08	-59:42:18	3 → 2		0.07										(C95)
316.64-0.08 1.4		OH	1.8		-21.5								-18.3[6]	IRAS14404-5942
73	14:41:10.4	2 → 1	0.14	0.02	-39.6	-44.3	-28.9	-36.6	-38.0 ± 1.3	15.4	8.5 ± 0.1	1.2 ± 0.1	-0.4	Juv
G316.77-0.02	-59:35:30	3 → 2	0.13	0.03	-39.4	-44.1	-33.9	-39.0	-39.1 ± 1.7	10.2	5.5 ± 0.1	0.8 ± 0.1	-0.1	
316.77-0.02 2.9		B&E	40		-39								-39.4[6]	
74	14:41:36.4	2 → 1		0.05										Juv
G316.81-0.06	-59:36:53	3 → 2		0.06										
316.81-0.06 2.9		B&E	290		-46								-38.5[6]	
75	14:41:39.6	2 → 1		0.04										UC, Bro
IRAS14416-5937	-59:37:21	3 → 2		0.06										
316.81-0.07 2.8		IRAS											-38.3[1]	
76	14:49:51.9	2 → 1	0.12	0.02	-51.2	-61.9	-45.3	-53.6	-50.9 ± 2.1	16.6	7.0 ± 0.1	0.9 ± 0.1	0.3	Juv, Bro
IRAS14498-5856	-58:56:40	3 → 2	0.15	0.02	-50.2	-59.7	-46.3	-53.0	-50.5 ± 2.1	13.4	5.6 ± 0.1	0.8 ± 0.1	0.4	
318.05+0.09 3.7		Sca	160		-53								-50.1[6]	
77	14:59:24.5	2 → 1		0.02										UC, Bro, Cha
IRAS14594-5824	-58:24:23	3 → 2		0.03										
319.40-0.01 0.9		IRAS											-11.6[1]	
78	15: 1:30.6	2 → 1		0.02										UC, Bro
IRAS15015-5720	-57:20:11	3 → 2		0.03										
320.16+0.79 2.6		IRAS											-36.3[1]	

Table B.1. (continued)

Source l,b [°] dist. [kpc] (1)	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	T_A^* [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
79	15: 6: 0.3	$2 \rightarrow 1$		0.04										
G320.24-0.28	-58:13:35	$3 \rightarrow 2$		0.06										
320.24-0.28 -		B&E	9		-50								-	
80	15: 6: 8.9	$2 \rightarrow 1$	0.06	0.03	-12.8	-14.0	-6.9	-10.4	-11.3 ± 1.5	7.1	4.1 ± 0.2	0.3 ± 0.1	-0.7	UC, Bro, Cha
IRAS15061-5806	-58: 6:19	$3 \rightarrow 2$	0.07	0.03	-11.9	-13.5	-5.5	-9.5	-11.2 ± 1.4	8.0	2.3 ± 0.1	0.2 ± 0.1	-0.6	
320.32-0.18 0.8		IRAS											-10.1[1]	
81	15:12:16.6	$2 \rightarrow 1$		0.02										UC, Bro, Cha
IRAS15122-5801	-58: 1:12	$3 \rightarrow 2$		0.03										
321.06-0.52 4.3		IRAS											-61.0[1]	
82	15:14:47.7	$2 \rightarrow 1$		0.05										
RCW92	-56:28:52	$3 \rightarrow 2$		0.07										
322.15+0.61 3.8		B&E	19		-54								-55.1[15]	
83	15:27:49.8	$2 \rightarrow 1$		0.05										Bro, Juv, Cha
IRAS15278-5620	-56:20:15	$3 \rightarrow 2$		0.07										(C95)
323.74-0.25 3.4		Sca	135		-57								-49.2[6]	
84	15:29: 1.2	$2 \rightarrow 1$	0.11	0.02	-88.7	-98.2	-75.6	-86.9	-86.4 ± 3.9	22.6	13.2 ± 0.2	1.4 ± 0.1	-0.2	Juv, (Bro), Cha
G324.20+0.12	-55:46:12	$3 \rightarrow 2$	0.13	0.03	-89.3	-111.6	-70.4	-91.0	-88.4 ± 3.2	41.2	16.1 ± 0.2	2.2 ± 0.3	0.1	
324.20+0.12 6.9[e]		B&E	40		-93								-88.4[6]	IRAS15290-5546
85	15:39:28.2	$2 \rightarrow 1$	0.34	0.03	-41.7	-60.7	-27.4	-44.0	-42.4 ± 0.9	33.3	14.6 ± 0.1	4.1 ± 0.2	0.1	Bro, Cha
IRAS15394-5358	-53:58: 1	$3 \rightarrow 2$	0.37	0.04	-41.9	-60.1	-25.2	-42.7	-44.0 ± 0.9	34.9	13.3 ± 0.1	4.3 ± 0.3	0.0	
326.47+0.70 2.9		Sca	35		-47								-40.9[1]	
86	15:40:42.6	$2 \rightarrow 1$	0.55	0.03	-39.8	-52.8	-30.3	-41.5	-40.5 ± 0.8	22.5	10.3 ± 0.1	4.6 ± 0.2	0.2	
G326.64+0.61	-53:56:29	$3 \rightarrow 2$	0.38	0.04	-39.2	-49.5	-31.3	-40.4	-40.4 ± 1.0	18.2	8.7 ± 0.1	3.0 ± 0.3	0.1	
326.64+0.61 4.1		B&E	780		-38								-61.0[1]	
87	15:43:42.9	$2 \rightarrow 1$		0.05										(Bro), E
G327.12+0.51	-53:43:48	$3 \rightarrow 2$		0.07										
327.12+0.51 5.5		B&E	20		-84								-83.6[1]	IRAS15437-5343
88	15:45: 4.1	$2 \rightarrow 1$		0.02										B&E
OH326.77-0.26	-54:32:40	$3 \rightarrow 2$		0.03										
326.77-0.26 3.9		OH	2.5		-58									
89	15:45:27.4	$2 \rightarrow 1$	0.19	0.02	-78.4	-89.1	-67.7	-78.4	-78.0 ± 2.7	21.4	10.1 ± 0.1	1.7 ± 0.1	0.0	E
G327.39+0.44	-53:36:25	$3 \rightarrow 2$	0.10	0.03	-76.2	-80.2	-73.9	-77.1	-77.2 ± 5.5	6.3	4.4 ± 0.1	0.5 ± 0.1	0.3	
327.39+0.44 5.1		B&E	30		-79									
90	15:50:15.3	$2 \rightarrow 1$	0.11	0.02	-93.1	-100.2	-88.3	-94.2	-92.4 ± 6.0	11.9	4.5 ± 0.1	0.5 ± 0.1		Juv, (Bro)
G328.30+0.43	-53: 2:46	$3 \rightarrow 2$	0.09	0.03	-92.9	-99.3	-84.2	-91.8	-91.5 ± 5.3	15.1	8.0 ± 0.2	0.8 ± 0.2		
328.30+0.43 6.1		B&E	40		-95								-92.6[6]	IRAS15502-5302
91	15:51:59.0	$2 \rightarrow 1$	0.96	0.02	-41.8	-63.2	-20.4	-41.8	-42.1 ± 0.3	42.8	15.52 ± 0.04	10.6 ± 0.2	0.0	B&E, (Bro), E
OH328.81+0.63	-52:34:24	$3 \rightarrow 2$	1.21	0.03	-41.2	-62.6	-21.4	-42.0	-41.5 ± 0.3	41.2	14.89 ± 0.03	13.0 ± 0.3	0.0	
328.81+0.63 3.0		OH	129			-49	-36	-42.5		13			-42.3[1]	IRAS15520-5234

Table B.1. **(continued)**

Source l,b [°] (1)	dist. [kpc]	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	$T_A^\star$ [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
92		15:52:13.1	2 → 1		0.05										Bro, Cha
IRAS15522-5411		-54:11: 3	3 → 2		0.06										
327.81-0.63	3.2		Sca	35		-104								-46.1[1]	
93		15:54: 4.9	2 → 1	0.21	0.02	-40.8	-52.7	-33.7	-43.2	-42.8 ± 1.4	19.0	9.1 ± 0.1	1.8 ± 0.1	0.3	
G328.24-0.54		-53:50: 9	3 → 2	0.15	0.04	-41.4	-46.2	-36.7	-41.5	-42.1 ± 3.1	9.5	4.6 ± 0.1	0.6 ± 0.2	0.0	
328.24-0.54	2.9		B&E	5.3		-45									
94		15:54: 7.2	2 → 1	0.43	0.03	-43.2	-58.7	-32.5	-45.6	-44.7 ± 0.8	26.2	11.4 ± 0.1	4.0 ± 0.2	0.2	UC, C95
IRAS15541-5349		-53:49:26	3 → 2	0.49	0.04	-43.0	-58.9	-33.5	-46.2	-44.0 ± 0.7	25.4	10.5 ± 0.1	4.5 ± 0.3	0.3	
328.25-0.53	3.1		IRAS												
95		15:56:40.1	2 → 1	0.72	0.02	-43.2	-69.3	-24.2	-46.8	-45.5 ± 0.3	45.1	18.06 ± 0.05	8.7 ± 0.1	0.2	Juv, C95, E
IRAS15566-5304		-53: 4: 8	3 → 2	0.56	0.02	-43.8	-66.8	-28.0	-47.4	-45.5 ± 0.4	38.8	16.1 ± 0.1	6.3 ± 0.2	0.2	
329.03-0.20	3.1		Sca	80		-45								-44.4[6]	
96		15:56:43.8	2 → 1	0.56	0.03	-43.3	-67.1	-29.1	-48.1	-45.4 ± 0.7	38.0	15.3 ± 0.1	5.5 ± 0.2	0.3	B&E, Juv, E
OH329.04-0.21		-53: 4:11	3 → 2	0.41	0.04	-44.0	-53.5	-32.9	-43.2	-43.8 ± 1.0	20.6	7.8 ± 0.1	2.9 ± 0.2	-0.1	
329.04-0.21	3.1		OH	17.3			-46	-38						-44.4[6]	
97		16: 6: 0.2	2 → 1	0.24	0.04	-91.6	-99.9	-76.2	-88.1	-89.4 ± 3.2	23.7	9.5 ± 0.1	2.3 ± 0.2	-0.3	UC, Bro
IRAS16060-5146		-51:46:54	3 → 2	0.24	0.06	-91.9	95.0	-82.4	-88.7	-89.9 ± 4.3	12.6	5.8 ± 0.1	1.6 ± 0.3	-0.5	
330.95-0.17	5.6		IRAS											-89.7[1]	
98		16: 6: 3.4	2 → 1	0.51	0.03	-90.4	-99.9	-82.1	-91.0	-90.3 ± 1.8	17.8	8.3 ± 0.1	4.0 ± 0.2	0.1	Juv, E
G330.95-0.19		-51:47:30	3 → 2	0.58	0.04	-90.3	-99.8	-79.2	-89.5	-90.3 ± 1.3	20.6	9.9 ± 0.1	5.2 ± 0.3	-0.1	
330.95-0.19	5.8		B&E	460		-90								-92.1[6]	
99		16: 6:30.0	2 → 1	0.28	0.04	-63.1	-73.8	-54.8	-64.3	-63.7 ± 2.3	19.0	7.9 ± 0.1	2.3 ± 0.2	0.1	Juv, (Bro)
G330.88-0.36		-51:58:14	3 → 2	0.43	0.03	-64.2	-80.0	-47.5	-63.8	-63.5 ± 1.0	32.5	15.3 ± 0.1	5.5 ± 0.3	0.0	
330.88-0.36	4.2		B&E	320		-52								-63.1[6]	IRAS16065-5158
100		16: 7:36.0	2 → 1	0.14	0.02	-87.8	-97.3	-73.6	-85.4	-85.5 ± 3.1	23.7	10.9 ± 0.1	1.4 ± 0.1	-0.2	Juv, E
G331.28-0.18		-51:33:40	3 → 2	0.08	0.03	-86.9	-91.5	-85.3	-88.4	-86.6 ± 10.3	6.2	1.5 ± 0.1	0.2 ± 0.1	0.5	
331.28-0.18	5.5		B&E	342		-92								-88.5[6]	
101		16: 8:35.8	2 → 1		0.03										B&E, (C95), (E)
OH331.34-0.34		-51:38:16	3 → 2		0.03										
331.34-0.34	4.4		OH	5.4			-68	-66	-67		2				
102		16:15:52.6	2 → 1		0.04										UC, Bro
IRAS16158-5055		-50:56: 0	3 → 2		0.06										
332.65-0.61	3.5		IRAS											-49.6[1]	
103		16:15:55.7	2 → 1		0.04										Juv
RCW106		-50:56:48	3 → 2		0.06										
332.65-0.63	3.5		B&E	30		-44								-50.0[6]	
104		16:16:23.7	2 → 1	0.20	0.02	-56.0	-70.3	-42.9	-56.6	-56.8 ± 1.6	27.4	9.0 ± 0.1	1.9 ± 0.1	0.0	Juv
G332.83-0.55		-50:45:45	3 → 2	0.20	0.04	-55.5	-64.2	-50.7	-57.4	-56.4 ± 2.1	13.5	6.2 ± 0.1	1.5 ± 0.2	0.3	
332.83-0.55	3.9		B&E	304		-71								-57.2[6]	RCW106

Table B.1. **(continued)**

Source l,b [°] (1)	dist. [kpc]	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	T_A^* [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
105		16:17:12.6	2 → 1	0.35	0.03	-51.6	-61.1	-37.3	-49.2	-50.6 ± 1.1	23.8	11.7 ± 0.1	3.8 ± 0.2	-0.2	Juv, (Bro), Cha
G333.13-0.43		-50:28:18	3 → 2	0.34	0.04	-53.0	-60.9	-41.9	-51.4	-52.0 ± 1.2	19	9.4 ± 0.1	3.3 ± 0.3	-0.2	E
333.13-0.43	3.7		B&E	115		-44								-52.2[6]	IRAS16172-5028
106		16:18:24.5	2 → 1	0.15	0.05	-47.7	-51.3	-42.9	-47.1	-47.3 ± 3.9	8.4	5.3 ± 0.2	1.0 ± 0.2	-0.1	Juv
G333.60-0.22		-49:59: 8	3 → 2	0.15	0.06	-49.1	-53.1	-43.6	-48.3	-47.8 ± 4.2	9.5	4.3 ± 0.2	0.8 ± 0.2	-0.2	
333.60-0.22	3.5		B&E	100		-52								-48.3[6]	IRAS16183-4958
107		16:29:47.1	2 → 1		0.02										UC, Bro, Cha
IRAS16297-4757		-47:57:18	3 → 2		0.03										C96
336.36-0.14	5.1		IRAS											-79.6[1]	
108		16:29:50.9	2 → 1		0.02										B&E, CV95
OH336.36-0.15		-47:57:46	3 → 2		0.03										
336.36-0.15	5.2		OH	1.0			-83	-81	-82		2				
109		16:35: 8.1	2 → 1	0.33	0.03	-41.2	-51.9	-25.8	-38.8	-40.3 ± 1.0	26.1	9.4 ± 0.1	2.7 ± 0.2	0.0	Juv, (Bro)
G337.40-0.40		-47:22:23	3 → 2	0.24	0.03	-40.2	-44.2	-27.6	-35.9	-38.8 ± 1.2	16.6	8.2 ± 0.1	1.8 ± 0.2	-0.5	
337.40-0.40	3.3		B&E	540		-43								-41.3[6]	IRAS16351-4722
110		16:35:56.3	2 → 1		0.04										UC, Bro
IRAS16359-4635		-46:35:36	3 → 2		0.06										
338.07+0.02	3.3		IRAS											-40.5[1]	
111		16:35:58.8	2 → 1		0.02										B&E, CV95
OH338.08+0.02		-46:34:54	3 → 2		0.03										
338.08+0.02	3.9		OH	2.2			-60	-46	-53		14				
112		16:37:25.9	2 → 1	0.22	0.03	-39.4	-50.1	-28.8	-39.4	-39.8 ± 1.2	21.3	8.6 ± 0.1	1.8 ± 0.1	0.0	Juv
G337.91-0.47		-47: 2: 6	3 → 2	0.15	0.04	-40.1	-45.6	-36.1	-40.8	-40.6 ± 2.2	9.5	6.0 ± 0.1	0.9 ± 0.2	0.2	
337.91-0.47	3.3		B&E	210		-39								-40.3[6]	IRAS16374-4701
113		16:38:44.2	2 → 1		0.04										B&E, (Bro)
OH338.68-0.08		-46:12: 9	3 → 2		0.05										
338.68-0.08	2.0		OH	2.0			-23	-20	-21.5		3				IRAS16387-4612
114		16:44:36.4	2 → 1	0.16	0.02	-53.6	-60.7	-41.7	-51.2	-52.0 ± 1.9	19.0	9.7 ± 0.1	1.4 ± 0.1	-0.3	(Bro)
G340.06-0.24		-45:16:26	3 → 2	0.23	0.03	-54.2	-62.1	-44.7	-53.4	-53.6 ± 1.4	17.4	8.4 ± 0.1	1.9 ± 0.2	-0.1	
340.06-0.24	4.1		B&E	40		-53								-53.1[1]	IRAS16445-4516
115		16:48:26.5	2 → 1		0.05										(Bro)
G339.88-1.27		-46: 3:48	3 → 2		0.06										
339.88-1.27	2.8		B&E	100		-37								-31.6[1]	IRAS16484-4603
116		16:53:18.8	2 → 1	0.62	0.02	-14.7	-45.5	0.8	-22.4	-17.4 ± 0.2	46.3	17.3 ± 0.1	7.0 ± 0.2	0.3	Juv
G345.01+1.80		-40: 9:36	3 → 2	0.69	0.04	-14.9	-32.6	1.8	-20.4	-18.6 ± 0.2	44.4	16.7 ± 0.1	8.5 ± 0.3	0.2	
345.01+1.80	1.8		B&E	15		-20								-14.1[6]	IRAS16533-4009
117		16:53:21.7	2 → 1	0.31	0.02	-13.0	-32.0	-7.0	-19.5	-16.1 ± 0.4	25.0	10.9 ± 0.1	2.6 ± 0.1	0.5	Juv, (Men)
G345.01+1.79		-40: 9:51	3 → 2	0.35	0.03	-13.6	-28.6	-8.0	-18.3	-15.1 ± 0.4	20.6	7.7 ± 0.1	2.3 ± 0.2	0.5	
345.01+1.79	1.8		B&E	57		-10								-14.1[6]	IRAS16533-4009

Table B.1. **(continued)**

Source l,b [°] dist. [kpc] (1)	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	T_A^* [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
118	16:54:42.8	$2 \rightarrow 1$	0.28	0.03	-29.8	-45.3	-19.2	-32.2	-31.4 ± 0.8	26.1	13.0 ± 0.1	3.2 ± 0.2	0.2	Juv, (Bro)
G343.12-0.06	-42:47:49	$3 \rightarrow 2$	0.25	0.03	-29.6	-46.3	-17.8	-32.0	-31.0 ± 0.7	28.5	14.1 ± 0.1	3.0 ± 0.2	0.2	
343.12-0.06 3.1		B&E	100		-34								-31.2[6]	IRAS16547-4247
119	16:56:14.1	$2 \rightarrow 1$	0.65	0.02	-11.3	-25.5	1.8	-11.9	-11.4 ± 0.1	27.3	8.76 ± 0.04	5.3 ± 0.1	0.0	UC, Bro
IRAS16562-3959	-39:59:15	$3 \rightarrow 2$	0.82	0.03	-11.5	-29.7	2.0	-13.9	-11.7 ± 0.1	31.7	11.66 ± 0.04	7.8 ± 0.2	0.1	
345.49+1.47 1.6		IRAS											-11.6[1]	
120	17: 0:53.6	$2 \rightarrow 1$	0.21	0.02	-17.9	-26.2	-4.8	-15.5	-16.6 ± 0.4	21.4	11.4 ± 0.1	2.3 ± 0.1	-0.2	Juv, C95, (Men)
G345.51+0.35	-40:40: 2	$3 \rightarrow 2$	0.26	0.04	-18.1	-28.4	-7.0	-17.7	-17.4 ± 0.5	21.4	10.6 ± 0.1	2.8 ± 0.3	0.0	
345.51+0.35 2.2		B&E	530		-28								-17.1[6]	
121	17: 1:40.7	$2 \rightarrow 1$	0.66	0.03	-27.2	-52.1	-2.2	-27.1	-26.8 ± 0.2	49.9	20.8 ± 0.1	11.8 ± 0.2	0.0	Juv, (Bro), (Men)
G345.00-0.23	-41:25: 7	$3 \rightarrow 2$	0.71	0.04	-28.1	-48.7	-5.2	-27.0	-26.7 ± 0.2	43.5	17.8 ± 0.1	12.3 ± 0.4	-0.1	
345.00-0.23 2.9		B&E	92		-23								-25.7[6]	IRAS17016-4124
122	17: 4:55.8	$2 \rightarrow 1$		0.02										B&E, C95
OH346.48+0.13	-40: 1:40	$3 \rightarrow 2$		0.03										
346.48+0.13 1.7		OH	3.3			-17	-7	-12		10				
123	17: 5:59.8	$2 \rightarrow 1$	0.11	0.04	-21.4	-23.6	-20.1	-21.9	-22.0 ± 2.7	3.5	2.5 ± 0.1	0.4 ± 0.1	0.3	UC, Bro, Cha
IRAS17059-4132	-41:32: 9	$3 \rightarrow 2$	0.13	0.06	-21.6	-23.2	-18.4	-20.8	-21.6 ± 3.3	4.8	1.2 ± 0.2	0.2 ± 0.1	-0.3	
345.40-0.94 2.5		IRAS											-20.9[1]	
124	17: 6: 2.3	$2 \rightarrow 1$	0.08	0.03	-20.2	-24.3	-15.0	-19.6	-20.0 ± 1.7	9.3	5.5 ± 0.2	0.5 ± 0.1	-0.1	Juv
RCW117	-41:31:44	$3 \rightarrow 2$	0.08	0.04	-20.8	-24.8	-16.9	-20.8	-20.4 ± 2.3	7.9	3.8 ± 0.2	0.4 ± 0.1	0.0	
345.41-0.94 2.6		B&E	30		-22								-21.5[6]	
125	17: 9:41.7	$2 \rightarrow 1$	0.14	0.02	-31.3	-41.9	-18.2	-30.1	-30.8 ± 1.2	23.7	8.6 ± 0.1	1.3 ± 0.1	-0.1	B&E
OH347.87+0.01	-38:59:13	$3 \rightarrow 2$	0.15	0.03	-31.5	-38.6	-24.4	-31.5	-31.4 ± 1.1	14.2	7.7 ± 0.1	1.3 ± 0.2	0.0	
347.87+0.01 3.7		OH	6.4			-34	-30							
126	17:13:25.5	$2 \rightarrow 1$		0.05										(C95)
G349.07-0.02	-38: 1:56	$3 \rightarrow 2$		0.06										
349.07-0.02 -		B&E	4.7		6								-	IRAS17134-3802
127	17:15:53.1	$2 \rightarrow 1$	0.26	0.02	-16.8	-27.5	-3.7	-15.6	-16.0 ± 0.4	23.8	10.9 ± 0.1	2.6 ± 0.1	-0.1	Juv, C95, (CV95)
G348.55-0.98	-39: 0:57	$3 \rightarrow 2$	0.24	0.04	-17.0	-24.9	-8.3	-16.6	-17.3 ± 0.6	16.6	7.5 ± 0.1	1.8 ± 0.2	0.0	
348.55-0.98 2.45		B&E	9		-15								-16.2[6]	
128	17:16: 1.0	$2 \rightarrow 1$	0.28	0.03	-70.2	-85.6	-53.5	-69.6	-69.2 ± 1.4	32.1	14.1 ± 0.1	3.7 ± 0.2	0.0	A, (Bro)
G350.10+0.09	-37: 7:30	$3 \rightarrow 2$	0.18	0.03	-69.6	-79.1	-57.7	-68.4	-69.0 ± 2.1	21.4	10.4 ± 0.1	1.8 ± 0.2	-0.1	
350.10+0.09 5.9		B&E	3.2		-66								-69.5[1]	IRAS17160-3707
129	17:16:34.5	$2 \rightarrow 1$	0.57	0.03	-6.6	-22.0	4.1	-8.9	-8.2 ± 0.1	26.1	10.6 ± 0.1	5.3 ± 0.2	0.2	A, Juv, Men
NGC6334B	-35:54:44	$3 \rightarrow 2$	0.82	0.03	-6.4	-25.4	6.3	-9.5	-8.8 ± 0.1	31.7	11.96 ± 0.04	8.3 ± 0.3	0.2	RCW127
351.16+0.70 1.7[c]		B&E	20		-6								-6.3[6]	IRAS17165-3554
130	17:16:39.7	$2 \rightarrow 1$	0.16	0.03	-11.6	-18.7	-8.1	-13.4	-12.3 ± 0.5	10.6	9.7 ± 0.1	1.5 ± 0.1	0.3	Juv, Men
RCW122	-38:54:17	$3 \rightarrow 2$	0.21	0.04	-11.4	-23.3	-4.3	-13.8	-12.8 ± 0.5	19.0	10.4 ± 0.1	1.9 ± 0.2	0.3	
348.72-1.04 2.0		B&E	390		-11								-12.4[6]	

Table B.1. (continued)

Source l,b [°] dist. [kpc] (1)	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	$T_A^\star$ [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
131	17:16:56.5	$2 \rightarrow 1$	0.35	0.03	-3.4	-20.1	7.2	-6.5	-4.3 ± 0.1	27.3	11.1 ± 0.1	3.4 ± 0.2	0.2	A, Men
NGC6334C	-35:51:58	$3 \rightarrow 2$	0.50	0.03	-4.1	-21.5	7.0	-7.2	-5.0 ± 0.1	28.5	13.7 ± 0.1	5.5 ± 0.3	0.2	
351.24+0.67 1.7^c		B&E	2300		-81									GGD25
132	17:17:32.5	$2 \rightarrow 1$	0.43	0.03	-7.2	-15.5	15.4	-0.1	-6.1 ± 0.1	30.9	9.7 ± 0.1	3.7 ± 0.2	-0.5	A, Juv, (Bro)
NGC6334A	-35:44:13	$3 \rightarrow 2$	0.53	0.04	-7.0	-24.4	12.8	-5.8	-7.8 ± 0.2	37.2	11.5 ± 0.1	4.8 ± 0.3	-0.1	(Men)
351.41+0.64 1.7^c		B&E	3200		-9								-7.4^6	IRAS17175-3544
133	17:17:33.6	$2 \rightarrow 1$	0.43	0.02	-6.3	-19.4	15.1	-2.1	-4.1 ± 0.1	34.5	14.5 ± 0.1	4.0 ± 0.2	-0.2	UC, Bro
IRAS17175-3544	-35:44: 5	$3 \rightarrow 2$	0.44	0.02	-5.7	-17.6	25.2	3.8	-0.2 ± 0.1	42.8	21.0 ± 0.1	6.0 ± 0.2	-0.4	
351.42+0.64 1.7^c		IRAS											-6.9^1	
134	17:22: 4.2	$2 \rightarrow 1$	0.31	0.02	-95.8	-106.5	-82.8	-94.7	-95.5 ± 1.8	23.7	9.7 ± 0.1	2.7 ± 0.1	-0.1	A, (Bro), C95
G351.58-0.36	-36:10:11	$3 \rightarrow 2$	0.32	0.03	-95.6	-113.1	-83.8	-98.4	-95.8 ± 1.9	29.3	10.9 ± 0.1	3.4 ± 0.2	0.2	
351.58-0.36 -		B&E	47		-100								-98.5^1	IRAS17220-3609
135	17:23:20.9	$2 \rightarrow 1$	1.42	0.02	-2.8	-36.0	24.5	-5.8	-3.49 ± 0.04	60.5	21.19 ± 0.03	20.5 ± 0.2	0.1	A, (Bro), C95
G351.77-0.54	-36: 6:53	$3 \rightarrow 2$	1.54	0.06	-2.2	-23.6	16.8	-3.4	-2.1 ± 0.1	40.4	17.84 ± 0.05	21.4 ± 0.6	0.1	(Men)
351.77-0.54 0.9		B&E	679		-1								-3.4^1	IRAS17233-3606
136	17:27: 6.5	$2 \rightarrow 1$	0.64	0.03	-17.0	-45.5	3.2	-21.1	-16.9 ± 0.3	48.7	17.6 ± 0.1	7.6 ± 0.3	0.2	A, (C95), (Men)
G353.41-0.36	-34:39:41	$3 \rightarrow 2$	0.60	0.05	-16.8	-27.9	-4.1	-16.0	-15.4 ± 0.3	23.8	9.9 ± 0.1	5.2 ± 0.3	-0.1	
353.41-0.36 -		B&E	45		-14								5.2^4	
137	17:40:15.4	$2 \rightarrow 1$		0.04										B&E, A, (C95)
G359.14+0.03	-29:38: 8	$3 \rightarrow 2$		0.05										(CV95), (Men)
359.14+0.03 3.3		Arc.	138.7	3.2	-1.8	-11.0	6.1	-2.5		17.1		472.6		IRAS17402-2938
138	17:43:11.0	$2 \rightarrow 1$	0.23	0.02	38.5	10.0	55.1	32.5	32.7 ± 0.5	45.1	21.4 ± 0.1	4.4 ± 0.2	0.3	A
G0.37+0.04	-28:34:40	$3 \rightarrow 2$	0.21	0.03	39.1	12.9	45.4	29.2	34.1 ± 0.7	32.5	14.7 ± 0.1	2.9 ± 0.2	0.6	
0.37+0.04 -		Arc.	82.4	6.2	37.9	37.4	40.1	38.8		2.7		120.0		
139	17:43:16.1	$2 \rightarrow 1$		0.04										UC, Bro
IRAS17432-2855	-28:55: 5	$3 \rightarrow 2$		0.05										
0.09-0.15 -		IRAS											16.0^1	
140	17:43:19.2	$2 \rightarrow 1$		0.04										
G0.10-0.16	-28:55:10	$3 \rightarrow 2$		0.05										
0.10-0.16 -		Arc.		4.9									-	
141	17:44:10.3	$2 \rightarrow 1$		0.05										B&E, A, J, (Bro)
G359.97-0.46	-29:11: 3	$3 \rightarrow 2$		0.06										Juv, Cha
359.97-0.46 -		Arc.	52.5	3.3	20.1	19.5	20.7	20.1		1.2		66.8	18.8^6	IRAS17441-2910
142	17:47: 3.4	$2 \rightarrow 1$	0.36	0.04	17.6	-5.0	25.9	10.4	15.7 ± 0.4	30.9	11.1 ± 0.1	3.7 ± 0.2	0.5	(P0.55-0.85), A
RCW142	-28:53:39	$3 \rightarrow 2$	0.56	0.05	17.4	-3.2	28.5	12.6	15.0 ± 0.3	31.7	13.4 ± 0.1	6.2 ± 0.4	0.3	C95
0.55-0.85 1.7^c		Arc.	208.8	7.6	17.0	-5.0	81.8	38.4		86.8		1440.0	17.1^4	
143	17:47: 4.7	$2 \rightarrow 1$	0.19	0.04	17.6	6.9	24.7	15.8	16.1 ± 0.7	17.8	10.3 ± 0.2	1.9 ± 0.2	0.2	UC
IRAS17470-2853	-28:53:13	$3 \rightarrow 2$	0.18	0.05	17.4	5.6	21.4	13.5	17.4 ± 1.0	15.8	4.9 ± 0.1	1.0 ± 0.2	0.5	
0.55-0.85 1.7^c		IRAS												RCW142, S21

Table B.1. **(continued)**

Source l,b [°] (1)	dist. [kpc]	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	T_A^* [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
144		17:57:26.8	2 → 1	0.37	0.02	10.6	-13.2	43.8	15.3	14.3 ± 0.2	57.0	24.5 ± 0.1	7.2 ± 0.2	-0.2	(C), (G), P5.88-0.39
W28 A2(2)		-24: 4:12	3 → 2	0.48	0.02	10.0	-17.7	37.7	10.0	11.9 ± 0.1	55.4	25.1 ± 0.1	10.0 ± 0.3	0.0	(A), (Hof), (Bro), (Gen)
5.88-0.39	2.7		Arc.	101.8	3.8	8.8	8.6	20.8	14.7		12.2		95.2	9.8[2]	IRAS17574-2403
145		18: 3:14.7	2 → 1	0.18	0.02	5.3	-12.5	31.5	9.5	6.6 ± 0.2	44.0	15.8 ± 0.1	2.7 ± 0.2	-0.2	(Arc.), UC Bro
IRAS18032-2032		-20:32: 8	3 → 2	0.13	0.03	4.4	-2.6	22.0	9.7	6.3 ± 0.3	24.6	12.6 ± 0.2	1.7 ± 0.2	-0.4	
9.62+0.20	1.1		IRAS											5.0[1]	
146		18: 3:16.0	2 → 1	0.25	0.02	4.7	-9.5	28.5	9.5	6.9 ± 0.2	38.0	19.3 ± 0.1	4.0 ± 0.2	-0.3	G, (C), P9.62+0.19, A
G9.62+0.19		-20:32: 1	3 → 2	0.36	0.03	3.7	-9.8	32.2	11.2	6.7 ± 0.2	42.0	19.7 ± 0.1	5.6 ± 0.3	-0.4	(Hof), (Bro), (Gen), (Men)
9.62+0.19	0.9		Arc.	8.9	1.7	5.2	4.6	5.8	5.2		1.2		23.5	4.3[2]	IRAS18032-2032
147		18: 3:18.6	2 → 1	0.44	0.02	34.4	20.1	47.4	33.8	34.4 ± 0.6	27.3	10.8 ± 0.1	3.9 ± 0.2	0.0	(C), P8.67-0.36, A
G8.67-0.36		-21:37:59	3 → 2	0.53	0.03	34.9	23.8	44.4	34.1	34.2 ± 0.5	20.6	8.96 ± 0.05	4.1 ± 0.2	0.1	(Hof), Cha, Men
8.67-0.36	4.7		B&E	35		35								36.0[2]	
148		18: 3:21.5	2 → 1	0.44	0.03	37.4	27.9	49.2	38.5	37.2 ± 0.7	21.3	8.8 ± 0.1	3.4 ± 0.1	-0.1	J
G8.68-0.36		-21:37:40	3 → 2	0.27	0.03	37.6	30.4	45.5	38.0	37.7 ± 0.9	15.1	7.0 ± 0.1	2.0 ± 0.2	0.0	
8.68-0.36	4.5		Arc.	259.0	2.7	33.2	32.7	33.7	33.2		1.0		290.8	34.0[9]	
149		18: 5:40.4	2 → 1	0.29	0.03	66.7	54.9	79.8	67.4	67.7 ± 1.6	24.9	11.0 ± 0.1	2.7 ± 0.2	-0.1	G, (C), P10.47+0.03, A
W31(1)		-19:52:23	3 → 2	0.34	0.03	66.1	55.8	82.0	68.9	67.2 ± 1.1	26.2	10.0 ± 0.1	3.3 ± 0.2	-0.2	(Hof), (Bro), (Gen), C95
10.47+0.03	5.7		Arc.	146.3	3.7	60.2	56.4	70.5	63.5		14.1		782.1	67.1[2]	Men, IRAS18056-1952
150		18: 7:30.7	2 → 1	0.53	0.03	-3.5	-15.3	9.6	-2.8	-2.8 ± 0.1	24.9	10.0 ± 0.1	4.8 ± 0.2	-0.1	(P10.62-0.38), A, G, (Gen)
W31(2)		-19:56:38	3 → 2	0.66	0.04	-3.3	-13.6	7.8	-2.9	-3.9 ± 0.1	21.4	8.8 ± 0.0	5.8 ± 0.2	0.0	(Men)
10.62-0.38	-		Arc.	147.2	2.8	-0.5	-15.4	3.9	-5.8		19.3		902.8	-3.0[4]	IRAS18075-1956
151		18: 8:56.2	2 → 1	0.09	0.03	33.5	30.0	40.7	35.3	34.9 ± 2.2	10.7	6.9 ± 0.2	0.7 ± 0.1	-0.3	P12.89+0.49, A, M, J, (Bro)
AFGL5451		-17:32:16	3 → 2	0.18	0.03	32.9	28.1	44.0	36.0	34.7 ± 1.2	15.9	8.4 ± 0.1	1.3 ± 0.2	-0.4	Men
12.89+0.49	3.7		Arc.	41.7	4.1	31.6	29.6	31.8	30.7		2.2		61.9	33.7[2]	IRAS18089-1732
152		18: 9:43.7	2 → 1	0.16	0.03	24.4	16.1	31.5	23.8	23.9 ± 1.0	15.4	7.7 ± 0.1	1.3 ± 0.1	0.1	C, P12.21-0.10, A, Hof
G12.21-0.10		-18:25: 9	3 → 2	0.19	0.03	23.0	16.7	30.9	23.8	24.4 ± 0.7	14.2	7.2 ± 0.1	1.6 ± 0.2	-0.1	
12.21-0.10	3.1		Arc.	65.4	2.1	22.6	-7.7	33.9	13.1		41.6		768.0	23.7[2]	
153		18: 9:48.5	2 → 1		0.05										(P12.21-0.12), A
G12.21-0.12		-18:25:25	3 → 2		0.05										
12.21-0.12	3.8		Arc.	69.9	3.2	26.7	-0.1	27.0	13.4		27.1		271.5	33.1[2]	IRAS18097-1825
154		18:10:59.2	2 → 1		0.05										P12.68-0.18, C95, Men
W33B		-18: 2:41	3 → 2		0.06										
12.68-0.18	4.9		Arc.	92.7	5.0	61.1	55.6	61.5	58.5		5.9		251.90	55.4[2]	
155		18:11: 4.3	2 → 1		0.05										C, Hof, (Bro), Men
G11.94-0.62		-18:54:20	3 → 2		0.05										Cha
11.94-0.62	4.2		Arc.	72.8	4.9	39.3	6.2	45.0	25.6		38.8		198.9	38.4[1]	IRAS18110-1854
156		18:11:18.3	2 → 1	0.54	0.03	35.6	26.1	46.2	36.2	36.3 ± 0.5	20.1	8.31 ± 0.05	4.1 ± 0.1	-0.1	P12.81-0.20
W33 cont		-17:56:21	3 → 2	0.58	0.02	34.9	20.7	46.0	33.3	35.6 ± 0.4	25.3	9.03 ± 0.04	4.8 ± 0.2	0.1	
12.81-0.20	3.9		Arc.	7.1	1.6	33.7	32.6	34.7	33.7		2.1		24.3	36.1[2]	
157		18:11:41.5	2 → 1		0.02										(C), P13.87+0.28, A, (Hof)
G13.87+0.28		-16:46:34	3 → 2		0.03										(Bro)
13.87+0.28	4.5		Arc.	16.5	0.7	-26.3	-47.5	-25.8	-36.7		21.7		94.2	48.7[2]	IRAS18116-1646

Table B.1. **(continued)**

Source l,b [°] dist. [kpc] (1)	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	$T_A^\star$ [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
158	18:13:24.6	2 → 1		0.04										M, (Bro), Cha
IRAS18134-1942	-19:42:25	3 → 2		0.05										
11.50-1.48 1.8		Arc.	37.8	1.3	20.8	-79.2	23.6	-27.8		102.8		111.4	10.6[1]	
159	18:14: 8.0	2 → 1	0.15	0.02	27.3	17.8	36.8	27.3	26.0 ± 0.9	19.0	8.6 ± 0.1	1.4 ± 0.1	0.0	P14.60+0.02, A, (Bro)
G14.60+0.02	-16:15:46	3 → 2	0.20	0.03	25.9	16.4	33.9	25.2	25.2 ± 0.8	17.5	8.3 ± 0.1	1.7 ± 0.2	0.1	
14.60+0.02 2.8		Arc.	41.6	2.4	20.8	17.9	25.2	21.5		7.3		102.2	24.4[1]	IRAS18141-1615
160	18:14:30.3	2 → 1	0.18	0.03	47.0	26.8	58.9	42.8	46.1 ± 1.6	32.1	11.7 ± 0.1	1.8 ± 0.2	0.3	P13.66-0.60, A, (M)
G13.66-0.60	-17:23:22	3 → 2	0.12	0.03	45.3	38.0	54.9	46.5	47.5 ± 2.2	16.9	8.1 ± 0.1	1.0 ± 0.2	-0.1	IRAS18144-1723
13.66-0.60 4.6		Arc.	49.2	2.7	51.2	41.8	56.9	49.3		15.1		135.0	49.9[2]	
161	18:15:19.4	2 → 1		0.04										A
M16(1)	-13:46:30	3 → 2		0.05										
16.93+0.96 2.7		Arc.	77.4	2.1	-64.1	-65.2	-61.0	-63.1		4.2		297.2	25.6[16]	
162	18:16: 0.8	2 → 1	0.31	0.03	22.7	6.1	31.1	18.6	19.1 ± 0.4	25.0	12.6 ± 0.1	3.2 ± 0.2	0.3	P14.33-0.64, A
G14.33-0.64	-16:49: 6	3 → 2	0.52	0.03	22.5	3.5	32.0	17.8	19.2 ± 0.2	28.5	13.7 ± 0.1	5.5 ± 0.2	0.3	
14.33-0.64 2.7		B&E	-		23								22.2[2]	IRAS18159-1648
163	18:21:48.0	2 → 1		0.03										B&E, (Bro), (Men)
OH18.46-0.01	-12:53:12	3 → 2		0.03										
18.46-0.01 4.2		OH	2.9			32	55	43.5		23			52.2[1]	IRAS18217-1252
164	18:23:10.3	2 → 1	0.07	0.02	19.4	14.7	25.3	20.0	20.2 ± 1.6	10.6	5.5 ± 0.2	0.4 ± 0.1		B&E, C95, CV95
OH019.48+0.16	-11:54:31	3 → 2		0.02										Men
19.48+0.16 2.0		OH	4.4			13	26	19.5		13				
165	18:24:50.0	2 → 1	0.12	0.03	39.8	37.3	44.5	40.9	41.3 ± 2.2	7.2	5.5 ± 0.1	0.9 ± 0.1	-0.3	(C), P19.61-0.23, A, (Hof)
G19.61-0.23	-11:58:22	3 → 2	0.19	0.03	39.6	24.5	57.0	40.8	41.8 ± 1.0	32.5	14.1 ± 0.1	2.7 ± 0.2	-0.1	(Bro)
19.61-0.23 3.6		Arc.	116.1	2.2	27.3	26.6	56.1	41.3		29.5		476.6	42.7[2]	IRAS18248-1158
166	18:27:43.4	2 → 1	0.26	0.03	20.9	6.6	24.4	15.5	19.3 ± 0.6	17.8	5.5 ± 0.1	1.7 ± 0.1	0.6	
IRAS18277-1516	-15:16:45	3 → 2	0.25	0.03	19.9	12.0	27.8	19.9	19.3 ± 0.6	15.8	8.2 ± 0.1	2.0 ± 0.2	0.0	
17.02-2.40 2.3		Arc.	393.6	3.1	20.3	8.3	26.6	17.5		18.3		244.3		
167	18:28:59.6	2 → 1		0.05										P22.36+0.06, A, (Bro)
G22.36+0.06	-9:24:31	3 → 2		0.05										
22.36+0.06 5.3		Arc.	22.2	5.2	89.0	85.6	89.6	87.6		4.0		114.4	84.3[4]	IRAS18290-0924
168	18:30: 1.1	2 → 1	0.07	0.02	29.4	25.8	34.2	30.0	29.9 ± 2.1	8.4	5.2 ± 0.1	0.4 ± 0.1	-0.1	B&E, C95, CV95
OH22.44-0.18	-9:27:00	3 → 2	0.03	0.02	28.0	28.0	29.6	28.8	28.8 ± 5.3	1.6	1.3 ± 0.2	0.08 ± 0.05	-1.0	Men
22.44-0.18 2.6		OH	4.8			24	35	29.5		11				
169	18:31:39.0	2 → 1	0.21	0.02	42.2	23.2	68.4	45.8	42.1 ± 1.1	45.2	18.3 ± 0.2	3.0 ± 0.2	-0.2	M, J, (Bro)
AFGL7009S	-6: 2: 7	3 → 2	0.27	0.03	43.2	27.4	59.1	43.2	43.3 ± 0.9	31.7	17.4 ± 0.1	3.6 ± 0.3	0.0	Cha, (vdW)
25.65+1.05 3.1		Arc.	734.4	2.5	45.2	36.8	49.0	42.9		12.2		1064.0	41.4[1]	IRAS18316-0602
170	18:31:56.2	2 → 1	0.12	0.02	77.8	58.8	93.2	76.0	76.3 ± 2.6	34.4	13.8 ± 0.2	1.9 ± 0.2	0.1	A, (Men)
G23.01-0.41	-9: 3: 4	3 → 2	0.13	0.04	77.6	64.0	88.7	76.3	77.9 ± 3.4	24.7	11.6 ± 0.2	1.6 ± 0.2	0.1	
23.01-0.41 5.0		Arc.	33.3	2.0	77.2	75.4	82.3	78.9		6.9		129.4	76.5[4]	
171	18:32:32.3	2 → 1		0.03										B&E, Men
OH24.33+0.11	-7:38:24	3 → 2		0.03										
24.33+0.11 4.8		OH	4.5			62	87	74.5		25				

Table B.1. (continued)

Source l,b [°] (1)	dist. [kpc]	R.A. Dec. (1950) (2)	Line SiO Cat. (3)	$T_A^\star$ [K] F_{peak} [Jy] (4)	rms [K] [Jy] (5)	V_{peak} [km/s] (6)	V_{min} [km/s] (7)	V_{max} [km/s] (8)	V_{cen} [km/s] (9)	V_{mean} [km/s] (10)	FW [km/s] (11)	Width [km/s] (12)	Area [K km/s] S [Jy km/s] (13)	P V_{cloud} [km/s] (14)	Remarks (15)
172		18:33:30.2	2 → 1	0.27	0.02	110.5	91.5	130.7	111.1	109.3 ± 2.2	39.2	15.8 ± 0.1	3.5 ± 0.2	0.0	P24.79+0.08, A
W42		-7:14:42	3 → 2	0.36	0.03	110.3	93.6	135.6	114.6	110.0 ± 1.4	42.0	15.9 ± 0.1	5.4 ± 0.2	-0.2	
24.79+0.08	6.5		Arc.	35.7	1.1	107.5	44.3	112.9	78.6		68.6		555.9	110.3[4]	
173		18:36: 1.4	2 → 1	0.16	0.03	102.5	96.6	112.0	104.3	102.3 ± 5.1	15.4	4.4 ± 0.1	0.9 ± 0.1	-0.2	(M), (Bro)
G26.51+0.28		-5:37:49	3 → 2	0.16	0.04	103.1	96.8	106.3	101.6	101.1 ± 6.5	9.5	5.0 ± 0.1	0.9 ± 0.2	0.3	
26.51+0.28	6.2		Arc.	88.6	5.2	105.0	101.1	108.9	105.0		7.8		137.6	101.6[1]	IRAS18360-0537
174		18:38:32.3	2 → 1		0.06										A, Bro
IRAS18385-0512		-5:12: 0	3 → 2		0.08										
27.18-0.08	2.1		Arc.	413.7	3.9	18.0	8.9	41.5	25.2		32.6		835.4	26.0[1]	
175		18:39:16.0	2 → 1		0.03										B&E, Men
OH27.35-0.20		-5: 6:35	3 → 2		0.03										
27.35-0.20	5.2		OH	1.1			79	88	83.5		9				
176		18:41: 7.9	2 → 1		0.06										P28.86+0.07, A, (Bro)
G28.86+0.07		-3:38:41	3 → 2		0.06										
28.86+0.07	6.6		Arc.	89.8	3.1	91.9	91.5	106.8	99.2		15.3		177.7	103.8[2]	IRAS18411-0338
177		18:43:24.6	2 → 1		0.05										P29.95-0.01
W43S		-2:42:48	3 → 2		0.06										
29.95-0.01	6.3		Arc.	65.2	2.5	96.7	96.0	97.3	96.7		1.3		94.4	97.7[17]	
178		18:44:59.5	2 → 1	0.16	0.03	97.0	89.9	105.3	97.6	98.1 ± 5.5	15.4	8.3 ± 0.2	1.3 ± 0.2	-0.1	(C), P31.41+0.31, A
G31.41+0.31		-1:16: 7	3 → 2	0.20	0.04	97.6	83.4	107.1	95.2	97.0 ± 4.0	23.7	6.4 ± 0.1	1.4 ± 0.2	0.2	(Hof), (Bro), (Gen)
31.41+0.31	6.5		Arc.	64.6	3.8	98.8	94.9	102.3	98.6		7.4		263.2	97.0[2]	IRAS18449-0115
179		18:45: 6.3	2 → 1		0.05										(P30.94+0.03), (A)
W43 (OH)		-1:48:31	3 → 2		0.07										
30.95+0.03	4.9		Arc.	27.3	2.7	117.6	-59.0	128.2	34.6		187.2		73.4	76.4[2]	IRAS18450-0148
180		18:45:11.0	2 → 1	0.41	0.03	97.7	79.9	112.0	95.9	97.7 ± 1.8	32.1	11.4 ± 0.1	3.9 ± 0.2	0.1	P30.82-0.06, A, Men
W43 Main3		-1:57:57	3 → 2	0.47	0.04	98.3	86.4	111.8	99.1	98.3 ± 1.9	25.4	10.0 ± 0.1	4.0 ± 0.3	-0.1	
30.82-0.06	6.6		Arc.	207.2	3.2	99.5	78.3	120.5	99.4		42.2		793.8	98.7[2]	
181		18:46: 9.7	2 → 1		0.05										P31.24-0.11, (A), (Bro)
G31.24-0.11		-1:36:38	3 → 2		0.06										
31.24-0.11	1.7		Arc.	3405.0	5.7	18.6	15.4	21.1	18.2		5.7		2444.0	21.5[2]	IRAS18461-0136
182		18:47: 2.0	2 → 1	0.40	0.03	94.9	86.5	106.7	96.6	95.6 ± 1.8	20.2	9.5 ± 0.1	3.6 ± 0.2	-0.2	P32.04+0.06, A
G32.04+0.06		-0:49:19	3 → 2	0.36	0.04	94.2	86.3	105.3	95.8	95.3 ± 2.6	19.0	8.9 ± 0.1	3.2 ± 0.3	-0.2	
32.04+0.06	6.6		Arc.	52.6	3.9	95.3	92.6	95.5	94.1		2.9		142.8	96.0[2]	IRAS18470-0049
183		18:47:57.2	2 → 1	0.09	0.03	12.5	5.3	20.8	13.0	14.4 ± 0.9	15.5	7.4 ± 0.2	0.9 ± 0.1	-0.1	Cha, (C(NH_3,H_2O))
G32.80+0.19		-0: 5:28	3 → 2	0.16	0.04	15.4	10.7	21.8	16.2	15.4 ± 0.8	11.1	6.7 ± 0.1	1.0 ± 0.2	-0.2	
32.80+0.19	1.3		Arc.	10.4	1.6	16.4	11.7	16.9	14.3		5.2		23.0	16.2[8]	IRAS18479-0005
184		18:48:47.9	2 → 1	0.26	0.02	37.1	22.8	46.6	34.7	37.4 ± 0.9	23.8	10.5 ± 0.1	2.7 ± 0.1	0.2	P32.74-0.08, A
G32.74-0.08		-0:15:46	3 → 2	0.37	0.04	38.0	29.3	45.2	37.2	37.8 ± 0.8	15.9	8.5 ± 0.1	3.3 ± 0.2	0.1	
32.74-0.08	2.7		Arc.	83.3	3.7	32.9	32.5	33.2	32.8		0.7		66.2	36.9[2]	