

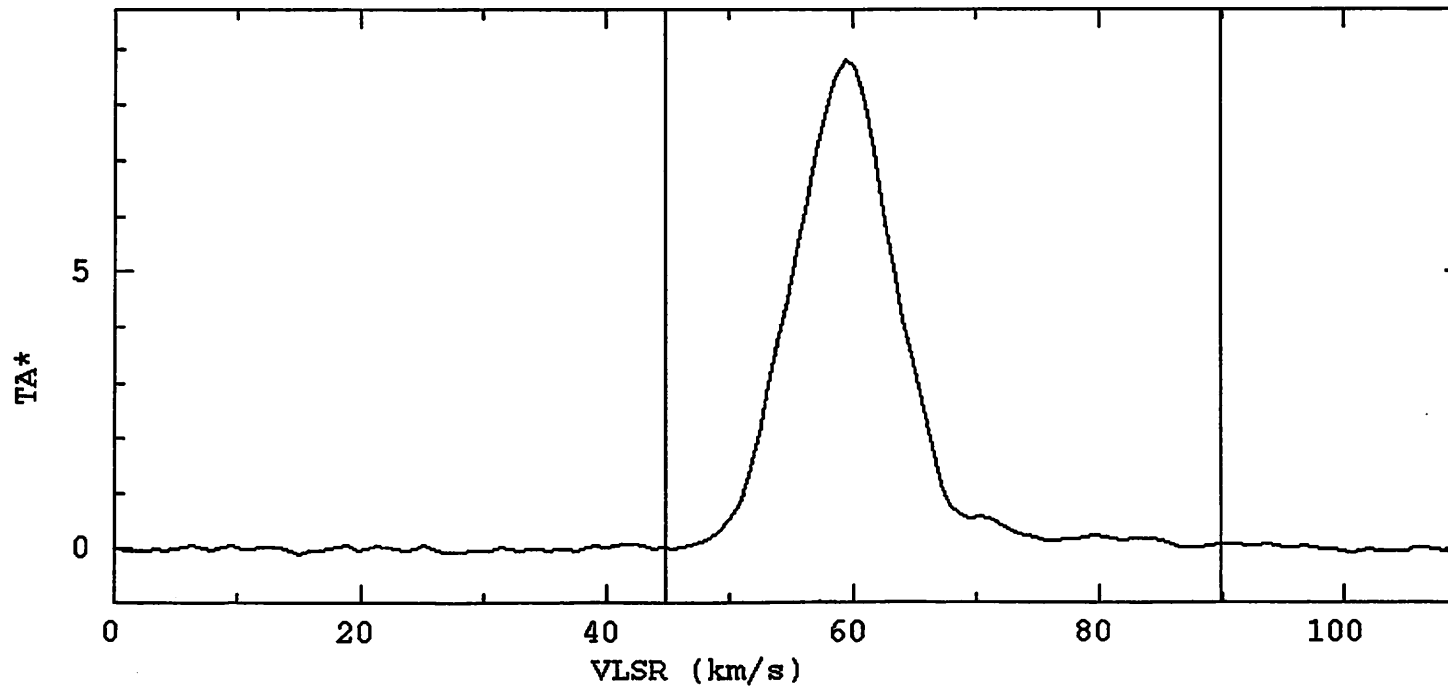
W51 MAIN

Comments CS(1-0)
Spectrum-id = 00001
Ref. coordinate = RA,DEC
X offset = +00d00'00.0"
Y offset = +00d00'00.0"
Center freq. = 49.015964(GHz)
r.m.s = 0.034(K)
Baseline order = 01

W51VIII

: DATE(M D Y) = 01 13 90
: P.A. = 0.000d
: RA = +19h21m26.2s : l = 49.490D
: DEC = +14d24'43.0" : b = -0.387D
: AOS-W
: Integ time = 00h16m40s
: Scaling factor = 1.00

no.	peak T		z of peak		half width		integ. int.	
1	8.826[K]	819.0[ch]	48990.242[MHz]	59.437 [km/s]	11.845[ch]	1.505 [MHz]	9.212 [km/s]	91.143 [K*km/s]



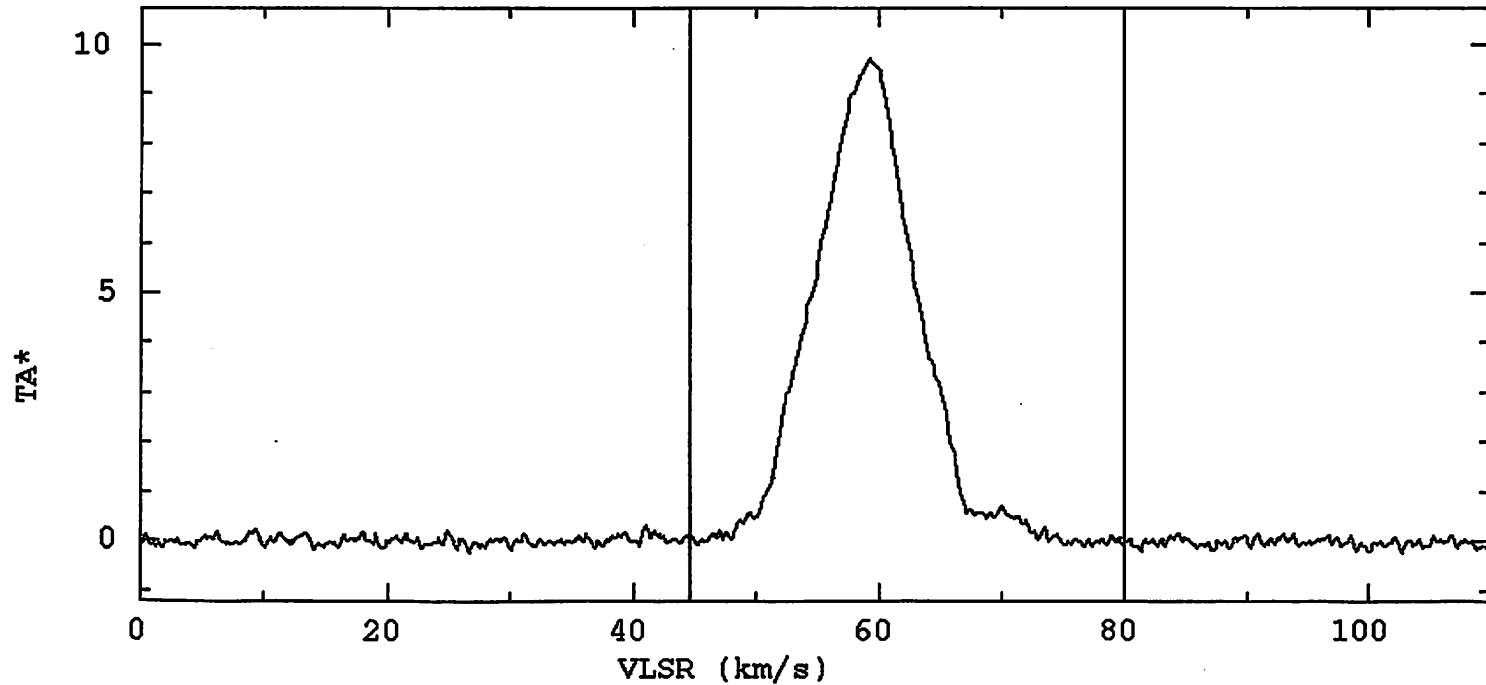
W51 MAIN

Comments CS(1-0)
Spectrum-id = 00002
Ref. coordinate = RA,DEC
X offset = +00d00'00.0"
Y offset = +00d00'00.0"
Center freq. = 48.990964(GHz)
r.m.s = 0.082(K)
Baseline order = 01

W51VIII

: DATE(M D Y) = 01 13 90
: P.A. = 0.000d
: RA = +19h21m26.2s : l = 49.490D
: DEC = +14d24'43.0" : b = -0.387D
: AOS-H
: Integ time = 00h33m20s
: Scaling factor = 1.00

no.	peak T		x of peak		half width		integ. int.
1	9.720[K]	1059.0[ch]	48990.266[MHz]	59.290 [km/s]	71.693[ch]	1.434 [MHz]	8.775 [km/s] 92.533 [K*km/s]



W51 MAIN

Comments CS

Spectrum-id = 00003

Ref. coordinate = RA,DEC

X offset = +00d00'00.0"

Y offset = +00d00'00.0"

Center freq. = 98.030968(GHz)

r.m.s = 0.043(K)

Baseline order = 01

W51VIII

: DATE(M D Y) = 01 13 90

: P.A. = 0.000d

: RA = +19h21m26.2s

: DEC = +14d24'43.0"

: AOS-W

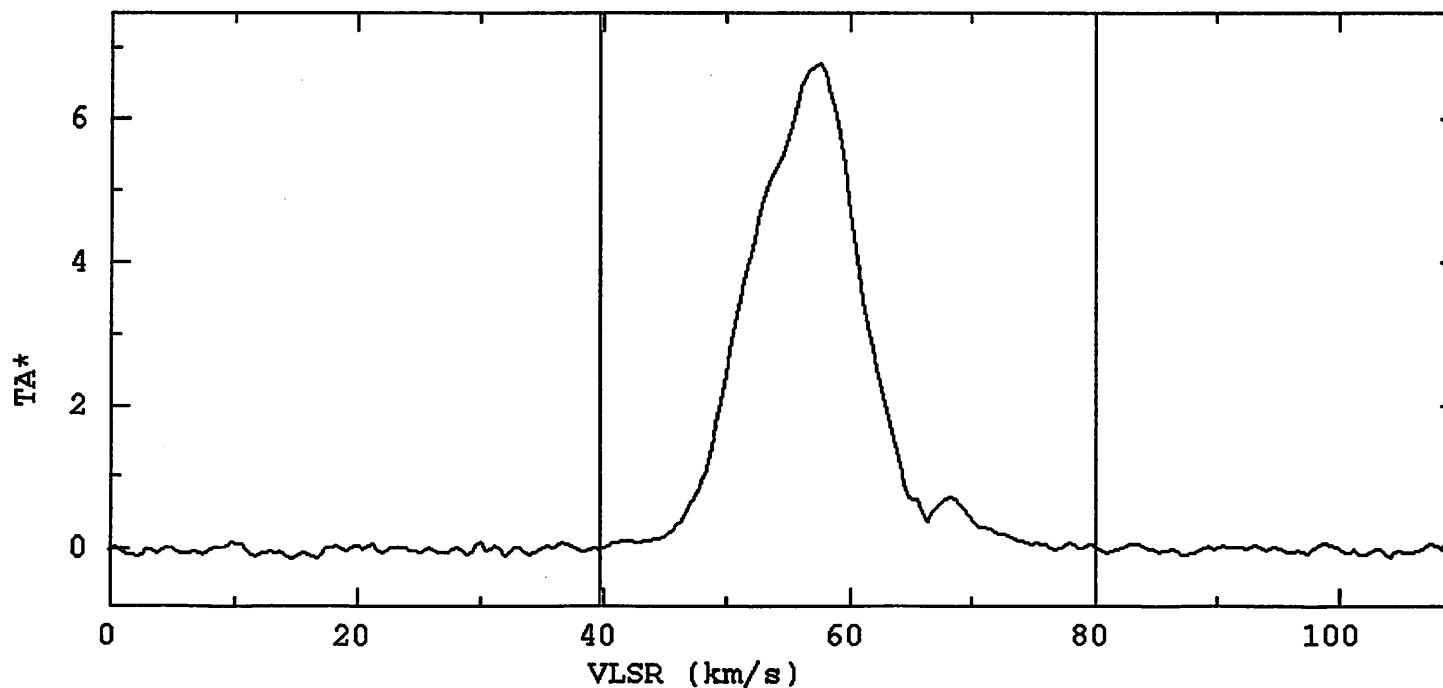
: Integ time = 00h29m40s

: Scaling factor = 1.00

: l = 49.490D

: b = -0.387D

no.	peak T		x of peak		half width		integ. int.
1	6.786[K]	1431.0[ch]	97980.094[MHz]	57.663 [km/s]	26.500[ch]	3.313 [MHz]	10.137 [km/s] 74.720 [K*km/s]



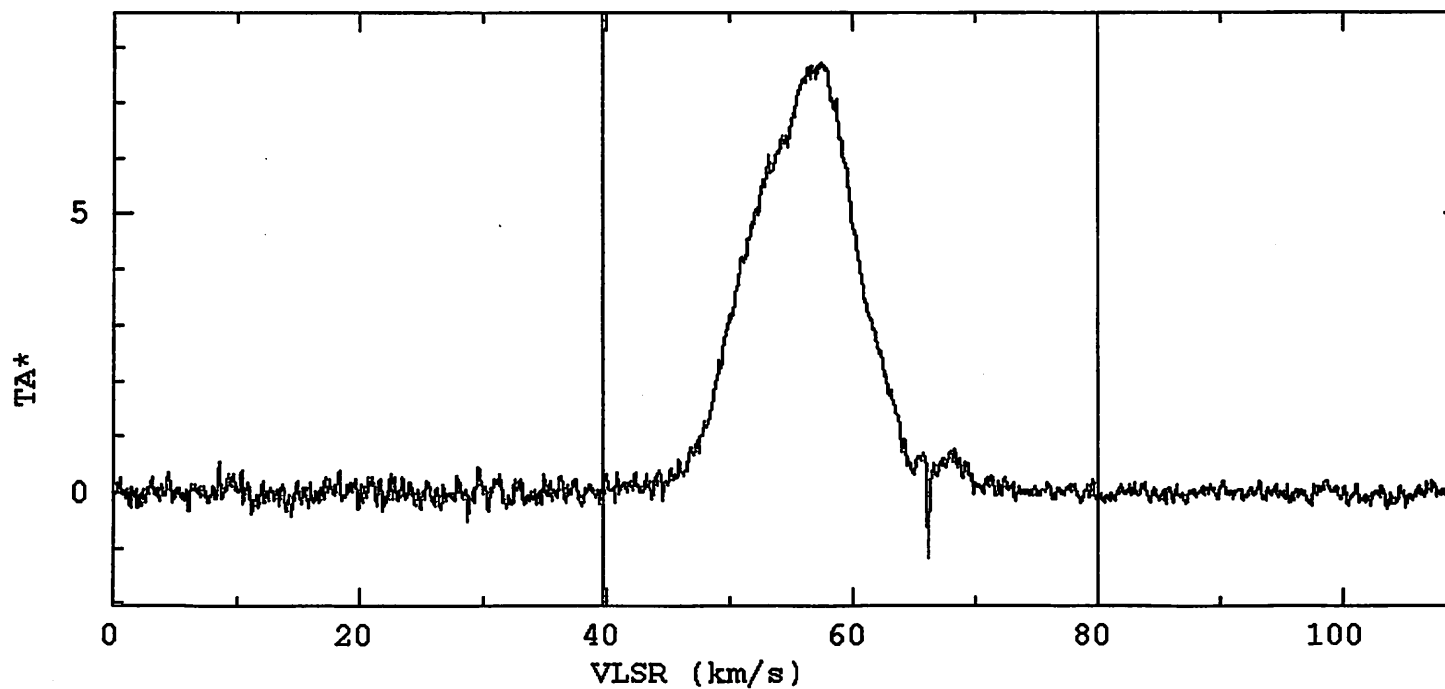
W51 MAIN

Comments CS(2-1)
Spectrum-id = 00004
Ref. coordinate = RA,DEC
X offset = +00d00'00.0"
Y offset = +00d00'00.0"
Center freq. = 97.980968(GHz)
r.m.s = 0.128(K)
Baseline order = 01

W51V8II

: DATE(M D Y) = 01 13 90
: P.A. = 0.000d
: RA = +19h21m26.2s : l = 49.490D
: DEC = +14d24'43.0" : b = -0.387D
: AOS-H
: Integ time = 01h00m00s
: Scaling factor = 1.00

no.	peak T		x of peak		half width		integ. int.
1	7.720[K]	1065.0[ch]	97980.148[MHz]	57.495 [km/s]	*****[ch]	3.254 [MHz]	9.957 [km/s] 81.259 [K*km/s]



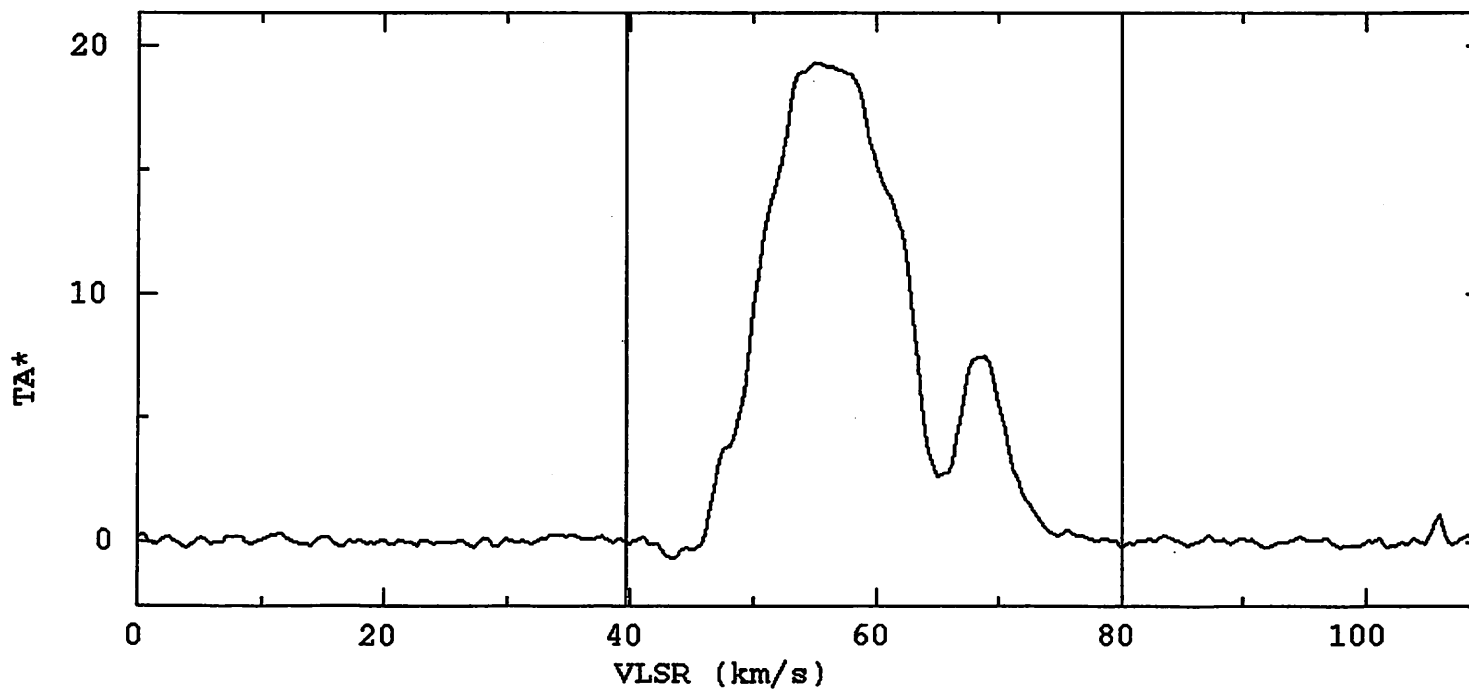
W51 MAIN

Comments CO(1-0)
Spectrum-id = 00005
Ref. coordinate = RA,DEC
X offset = +00d00'00.0"
Y offset = +00d00'00.0"
Center freq. = 115.271204(GHz)
r.m.s = 0.135(K)
Baseline order = 01

W51VIII

: DATE(M D Y) = 01 13 90
: P.A. = 0.000d
: RA = +19h21m26.2s : l = 49.490D
: DEC = +14d24'43.0" : b = -0.387D
: AOS-W
: Integ time = 00h10m00s
: Scaling factor = 1.00

no.	peak T		x of peak		half width		integ. int.
1	19.300[K]	1024.0[ch]	115271.203[MHz]	54.997 [km/s]	39.421[ch]	4.928 [MHz]	12.817 [km/s] 272.911 [K*km/s]



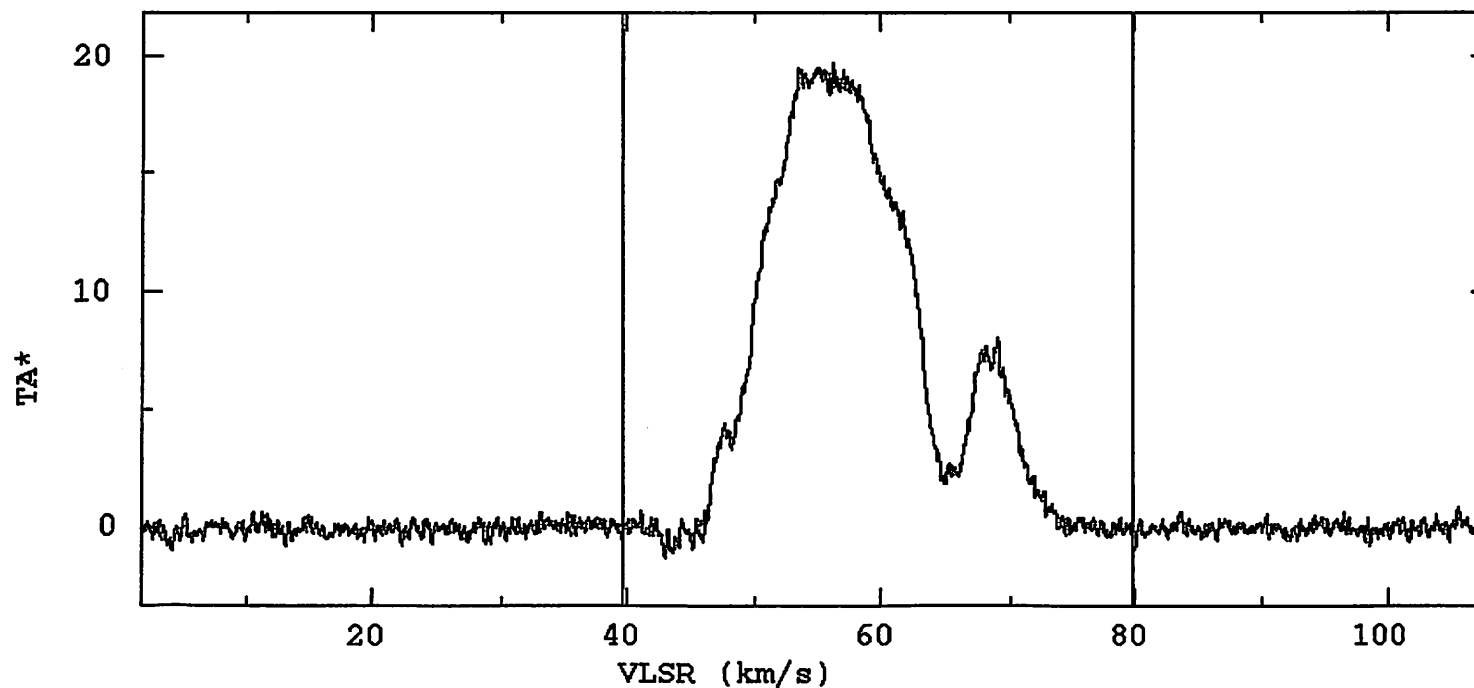
W51 MAIN

Comments CO(1-0)
Spectrum-id = 00006
Ref. coordinate = RA,DEC
X offset = +00d00'00.0"
Y offset = +00d00'00.0"
Center freq. = 115.271204(GHz)
r.m.s = 0.252(K)
Baseline order = 01

W51VIII

: DATE(M D Y) = 01 13 90
: P.A. = 0.000d
: RA = +19h21m26.2s : l = 49.490D
: DEC = +14d24'43.0" : b = -0.387D
: AOS-H
: Integ time = 00h20m00s
: Scaling factor = 1.00

no.	peak T		z of peak		half width		integ. int.
1	19.703[K]	1048.0[ch]	115270.727[MHz]	56.246 [km/s]	*****[ch]	4.875 [MHz]	12.679 [km/s] 267.923 [K*km/s]



W51 MAIN

Comments 13CO

Spectrum-id = 00007

Ref. coordinate = RA,DEC

X offset = +00d00'00.0"

Y offset = +00d00'00.0"

Center freq. = 110.151353(GHz)

r.m.s = 0.137(K)

Baseline order = 01

W51VIII

: DATE(M D Y) = 01 15 90

: P.A. = 0.000d

: RA = +19h21m26.2s

: DEC = +14d24'43.0"

: AOS-W

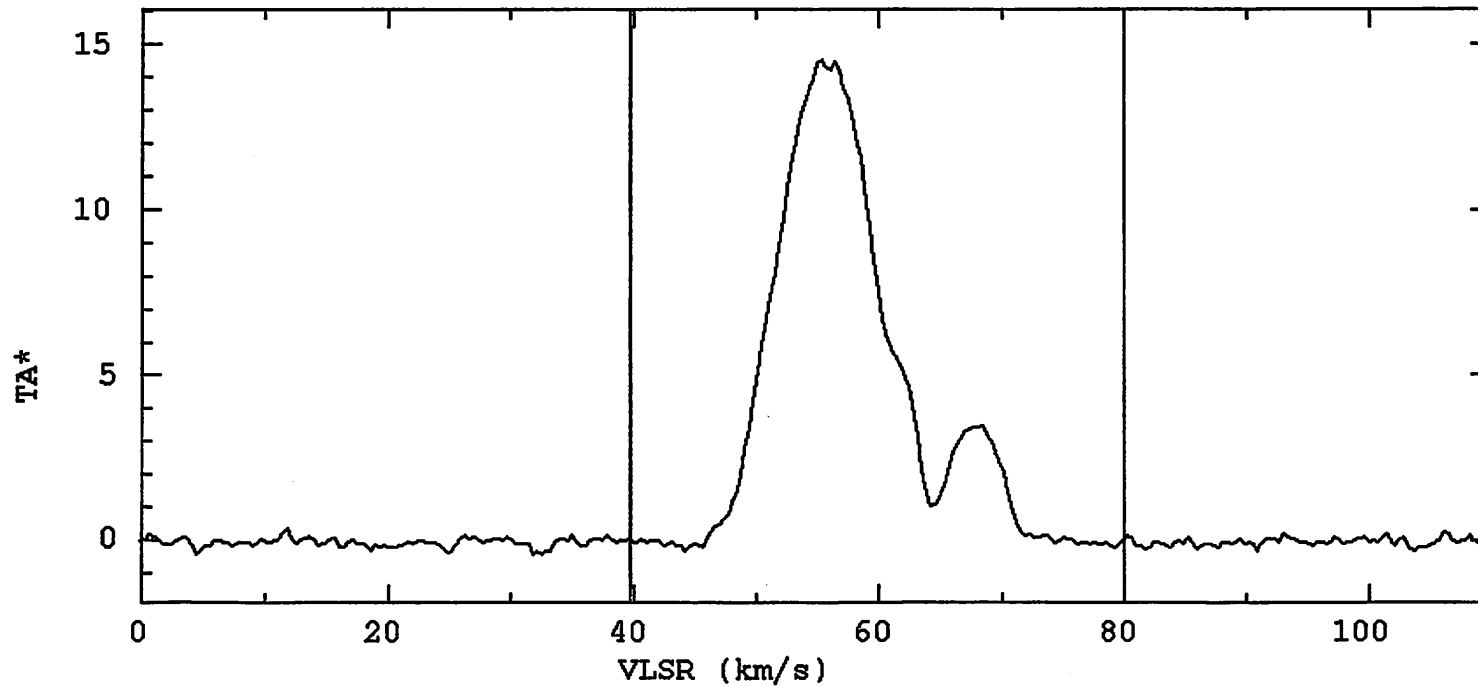
: Integ time = 00h06m00s

: Scaling factor = 1.00

: l = 49.490D

: b = -0.387D

no.	peak T		z of peak		half width		integ. int.
1	14.532[K]	1406.0[ch]	110201.180[MHz]	55.457 [km/s]	25.423[ch]	3.282 [MHz]	8.927 [km/s] 155.021 [K*km/s]



W51 MAIN

Comments 13CO

Spectrum-id = 00008

Ref. coordinate = RA,DEC

X offset = +00d00'00.0"

Y offset = +00d00'00.0"

Center freq. = 110.201353(GHz)

r.m.s = 0.250(K)

Baseline order = 01

W51V8II

: DATE(M D Y) = 01 15 90

: P.A. = 0.000d

: RA = +19h21m26.2s

: DEC = +14d24'43.0"

: AOS-H₀

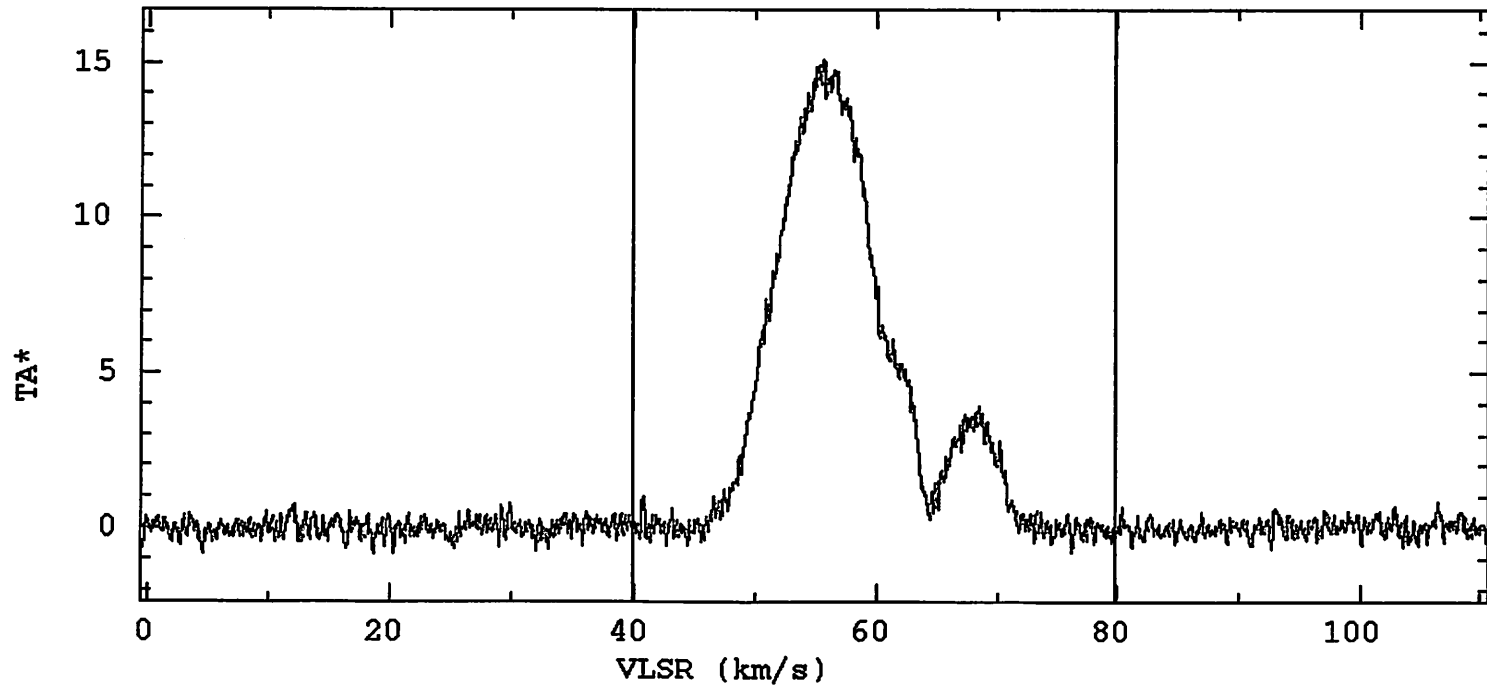
: Integ time = 00h13m20s

: Scaling factor = 1.00

: l = 49.490D

: b = -0.387D

no.	peak T		x of peak		half width		integ. int.
1	15.098[K]	1037.0[ch]	110201.094[MHz]	55.689 [km/s]	*****[ch]	3.115 [MHz]	8.474 [km/s] 155.167 [K*km/s]



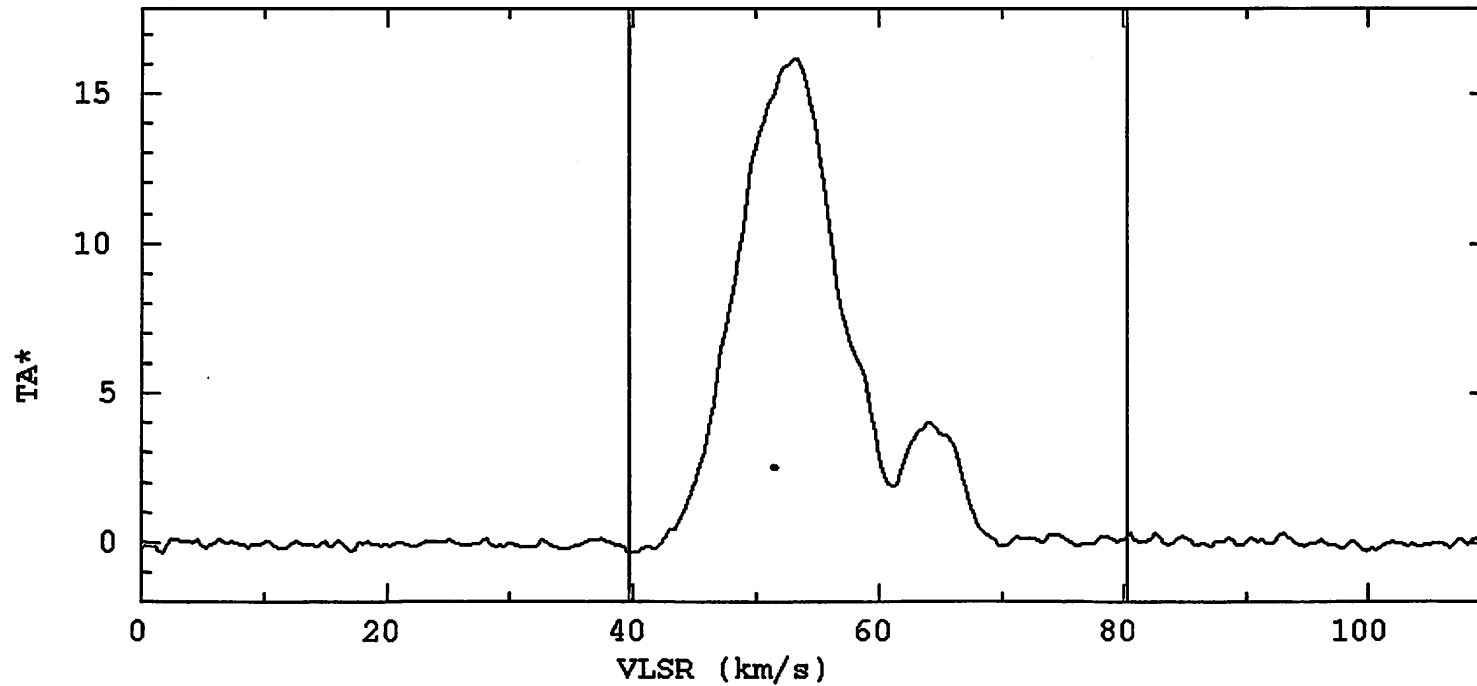
W51 MAIN

Comments 13CO
Spectrum-id = 00009
Ref. coordinate = RA,DEC
X offset = +00d00'00.0"
Y offset = +00d00'00.0"
Center freq. = 110.201353(GHz)
r.m.s = 0.129(K)
Baseline order = 01

W51VIII

: DATE(M D Y) = 01 15 90
: P.A. = 0.000d
: RA = +19h21m26.2s : l = 49.490D
: DEC = +14d24'43.0" : b = -0.387D
: AOS-W
: Integ time = 00h03m20s
: Scaling factor = 1.00

no.	peak T		x of peak		half width		integ. int.
1	16.181[K]	1017.0[ch]	110202.023[MHz]	53.172 [km/s]	25.549[ch]	3.257 [MHz]	8.861 [km/s] 175.639 [K*km/s]



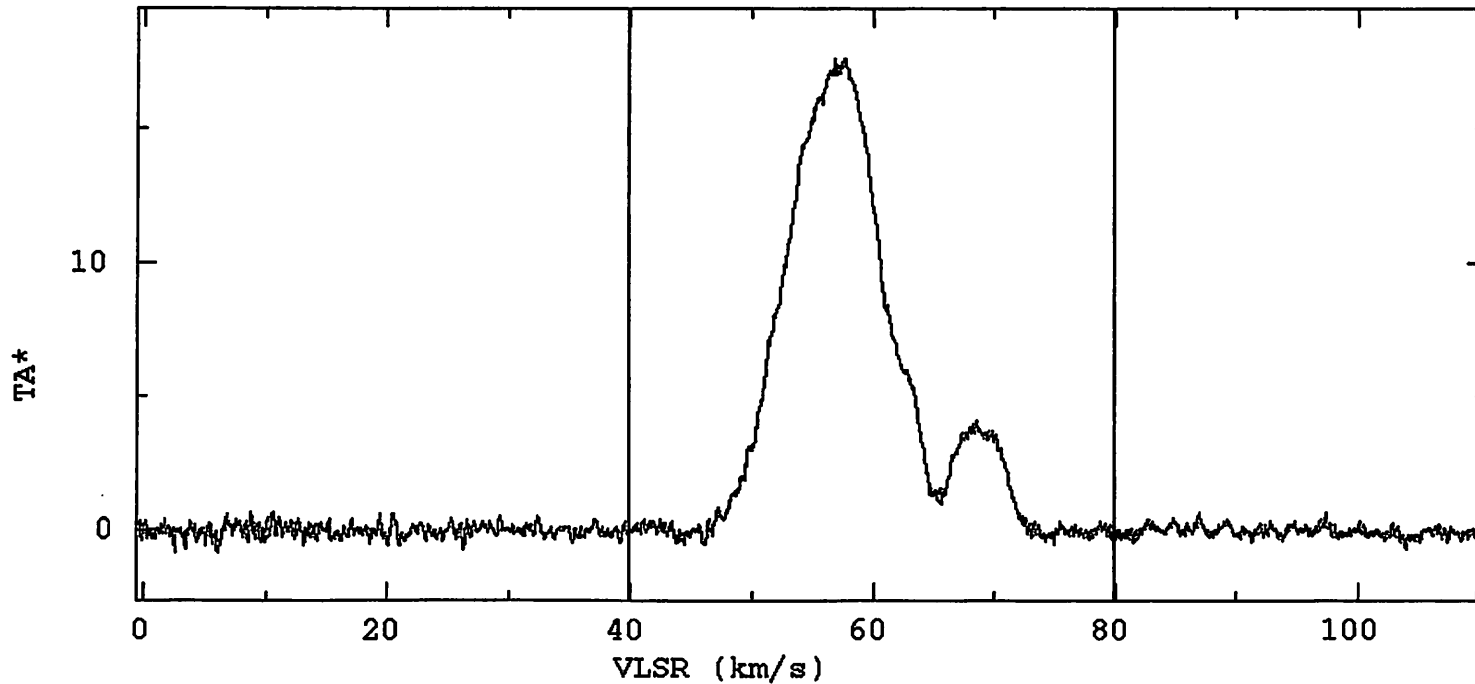
W51 MAIN

Comments 13CO
Spectrum-id = 00010
Ref. coordinate = RA,DEC
X offset = +00d00'00.0"
Y offset = +00d00'00.0"
Center freq. = 110.201353(GHz)
r.m.s = 0.189(K)
Baseline order = 01

W51V8II

: DATE(M D Y) = 01 15 90
: P.A. = 0.000d
: RA = +19h21m26.2s : l = 49.490D
: DEC = +14d24'43.0" : b = -0.387D
: AOS-H
: Integ time = 00h06m40s
: Scaling factor = 1.00

no.	peak T		z of peak		half width		integ. int.
1	17.617[K]	1071.0[ch]	110200.414[MHz]	57.540 [km/s]	*****[ch]	3.112 [MHz]	8.466 [km/s] 180.922 [K*km/s]



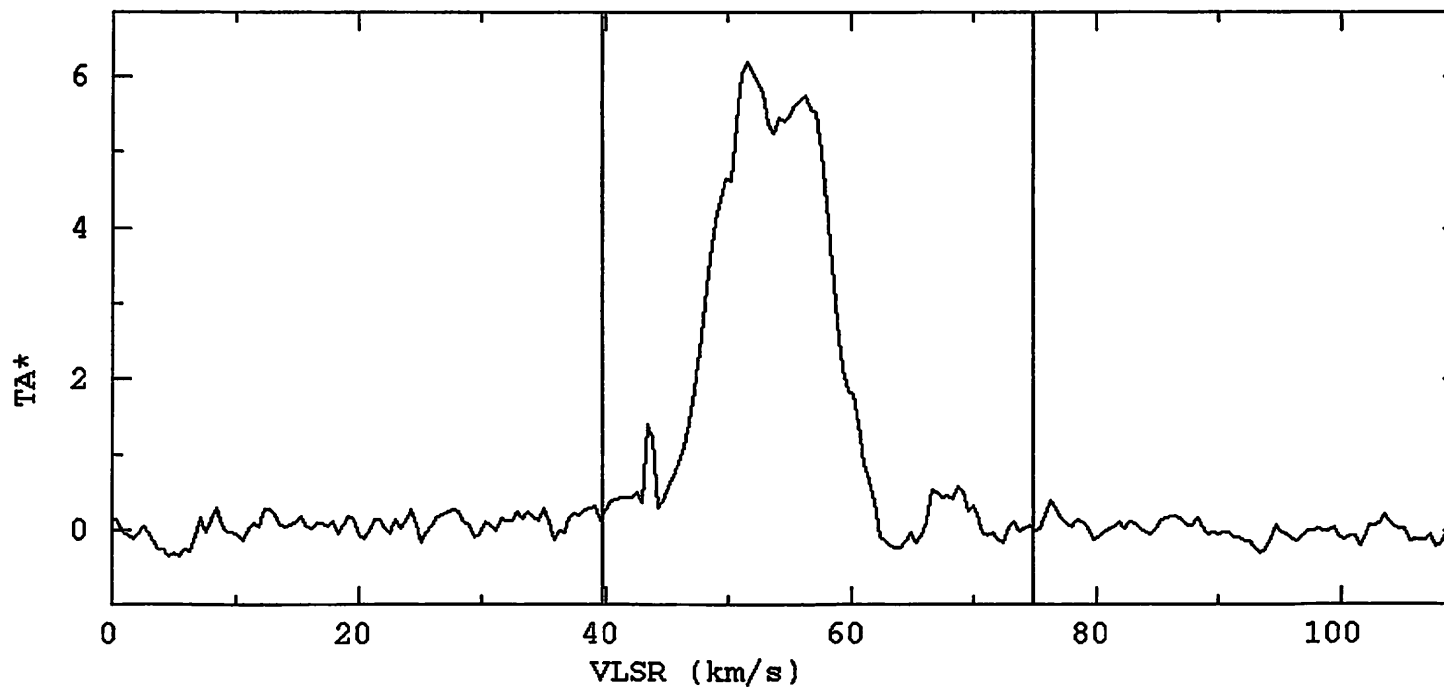
W51 MAIN

Comments HCO+ 1-0
 Spectrum-id = 00011
 Ref. coordinate = RA,DEC
 X offset = +00d00'00.0"
 Y offset = +00d00'00.0"
 Center freq. = 89.163523(GHz)
 r.m.s = 0.132(K)
 Baseline order = 01

W51V8III

: DATE(M D Y) = 01 15 90
 : P.A. = 0.000d
 : RA = +19h21m26.2s : l = 49.490D
 : DEC = +14d24'43.0" : b = -0.387D
 : AOS-W
 : Integ time = 00h03m00s
 : Scaling factor = 1.00

no.	peak T		x of peak		half width		integ. int.
1	6.186[K]	1222.0[ch]	89189.523[MHz]	51.651 [km/s]	24.386[ch]	3.096 [MHz]	10.406 [km/s] 67.417 [K*km/s]



W51 MAIN

Comments HCO+ (1-0)
 Spectrum-id = 00012
 Ref. coordinate = RA,DEC
 X offset = +00d00'00.0"
 Y offset = +00d00'00.0"
 Center freq. = 89.188523(GHz)
 r.m.s = 0.181(K)
 Baseline order = 01

W51VIII

: DATE(M D Y) = 01 15 90
 : P.A. = 0.000d
 : RA = +19h21m26.2s : l = 49.490D
 : DEC = +14d24'43.0" : b = -0.387D
 : AOS-H
 : Integ time = 00h06m00s
 : Scaling factor = 1.00

no.	peak T		x of peak		half width		integ. int.
1	6.129[K]	975.0[ch]	89189.508[MHz]	51.704 [km/s]	*****[ch]	2.760 [MHz]	9.279 [km/s] 64.392 [K*km/s]

