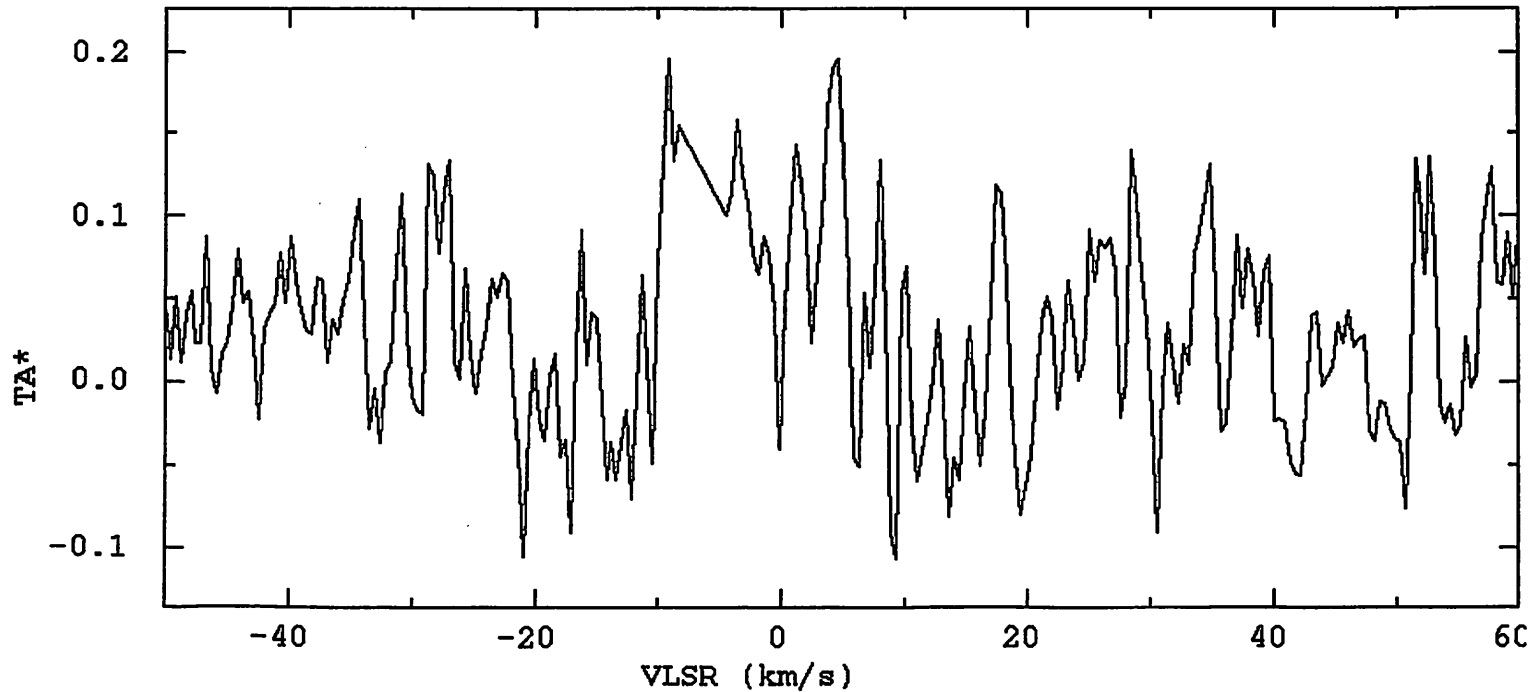


TMC1  
Comments HCO+ 1-0  
Spectrum-id = 00007  
Ref. coordinate = RA,DEC  
X offset = +00d00'00.0"  
Y offset = +00d00'00.0"  
Center freq. = 89.163523(GHz)  
r.m.s = 0.077(K)  
Baseline order = 01

TMC1VIII

: DATE(M D Y) = 01 15 90  
: P.A. = 0.000d  
: RA = +04h38m38.6s : l = 174.377D  
: DEC = +25d35'45.0" : b = -13.441D  
: AOS-W  
: Integ time = 00h09m40s  
: Scaling factor = 1.00

no. peak T x of peak half width integ. int.

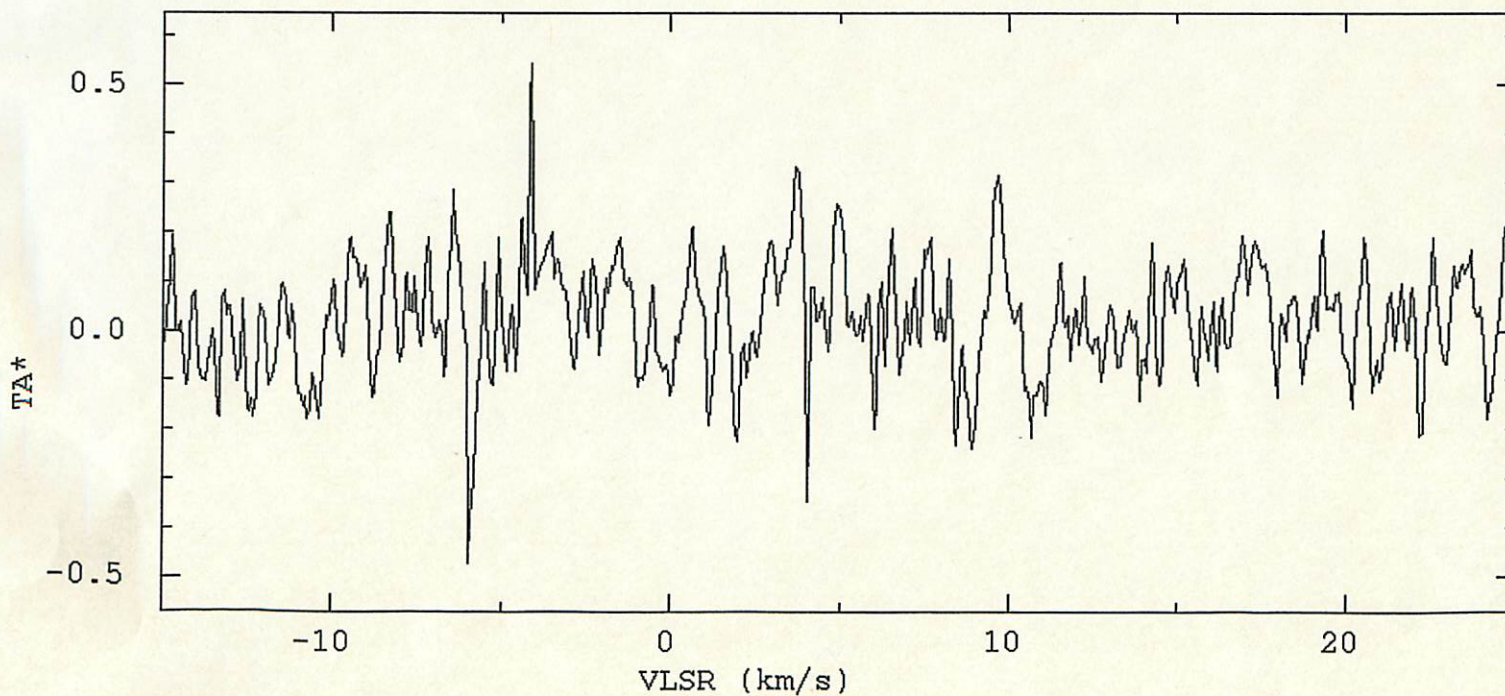


TMC1  
Comments HCO+ (1-0)  
Spectrum-id = 00008  
Ref. coordinate = RA,DEC  
X offset = +00d00'00.0"  
Y offset = +00d00'00.0"  
Center freq. = 89.188523(GHz)  
r.m.s = 0.082(K)  
Baseline order = 01

TMC1VIII

: DATE(M D Y) = 01 15 90  
: P.A. = 0.000d  
: RA = +04h38m38.6s : l = 174.377D  
: DEC = +25d35'45.0" : b = -13.441D  
: AOS-H  
: Integ time = 00h19m40s  
: Scaling factor = 1.00

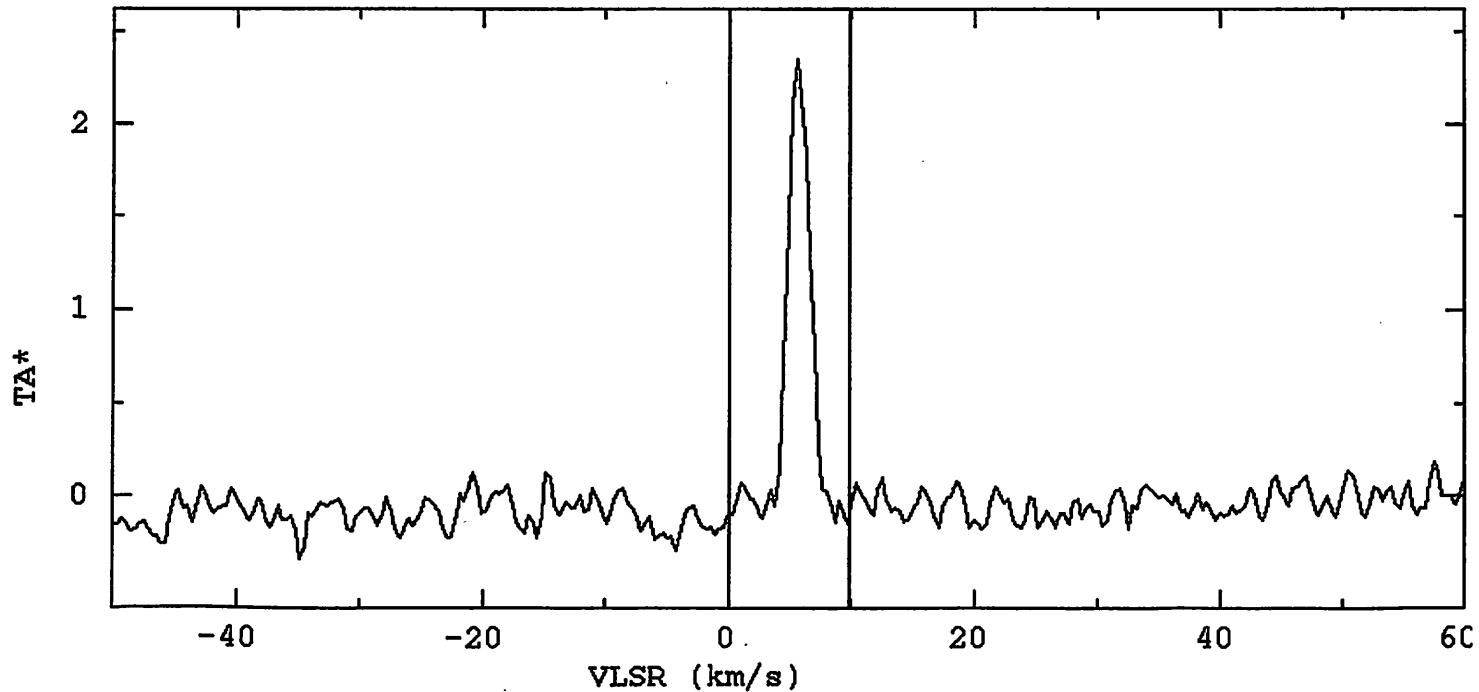
no. peak T x of peak half width integ. int.



TMC1  
 Comments 13CO  
 Spectrum-id = 00009  
 Ref. coordinate = RA,DEC  
 X offset = +00d00'00.0"  
 Y offset = +00d00'00.0"  
 Center freq. = 110.151353(GHz)  
 r.m.s = 0.077(K)  
 Baseline order = 01

TMC1VIII  
 : DATE(M D Y) = 01 15 90  
 : P.A. = 0.000d  
 : RA = +04h38m38.6s : l = 174.377D  
 : DEC = +25d35'45.0" : b = -13.441D  
 : AOS-W  
 : Integ time = 00h10m00s  
 : Scaling factor = 1.00

no.	peak T		z of peak		half width		integ. int.
1	2.348[K]	1408.0[ch]	110201.438[MHz]	5.604 [km/s]	5.603[ch]	0.723 [MHz]	1.967 [km/s] 4.351 [K*km/s]



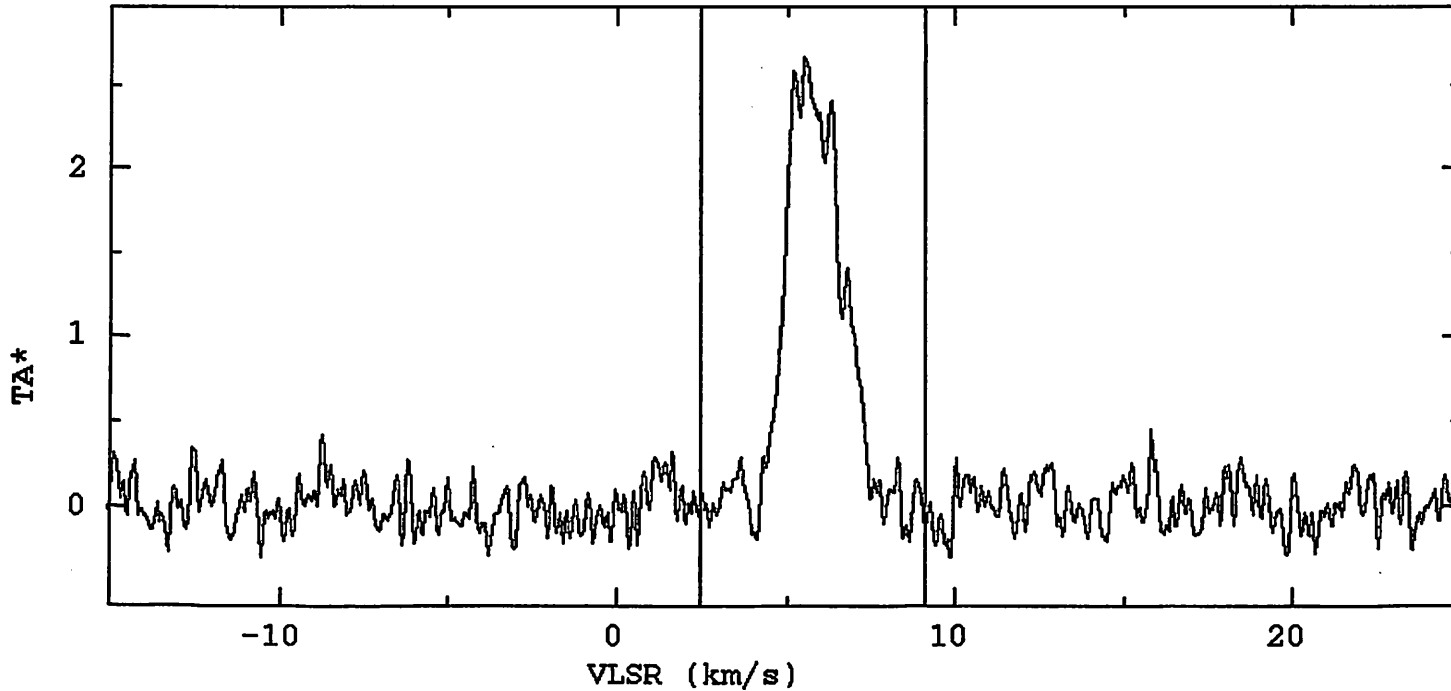
TMC1

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 = 0.139(K)  
 Baseline order = 01

TMC1VIII

: DATE(M D Y) = 01 15 90  
 : P.A. = 0.000d  
 : RA = +04h38m38.6s : l = 174.377D  
 : DEC = +25d35'45.0" : b = -13.441D  
 : AOS-H  
 : Integ time = 00h33m20s  
 : Scaling factor = 1.00

no.	peak T		x of peak		half width		integ. int.
1	2.666[K]	1018.0[ch]	110201.477[MHz]	5.506 [km/s]	29.963[ch]	0.599 [MHz]	1.630 [km/s] 4.965 [K*km/s]



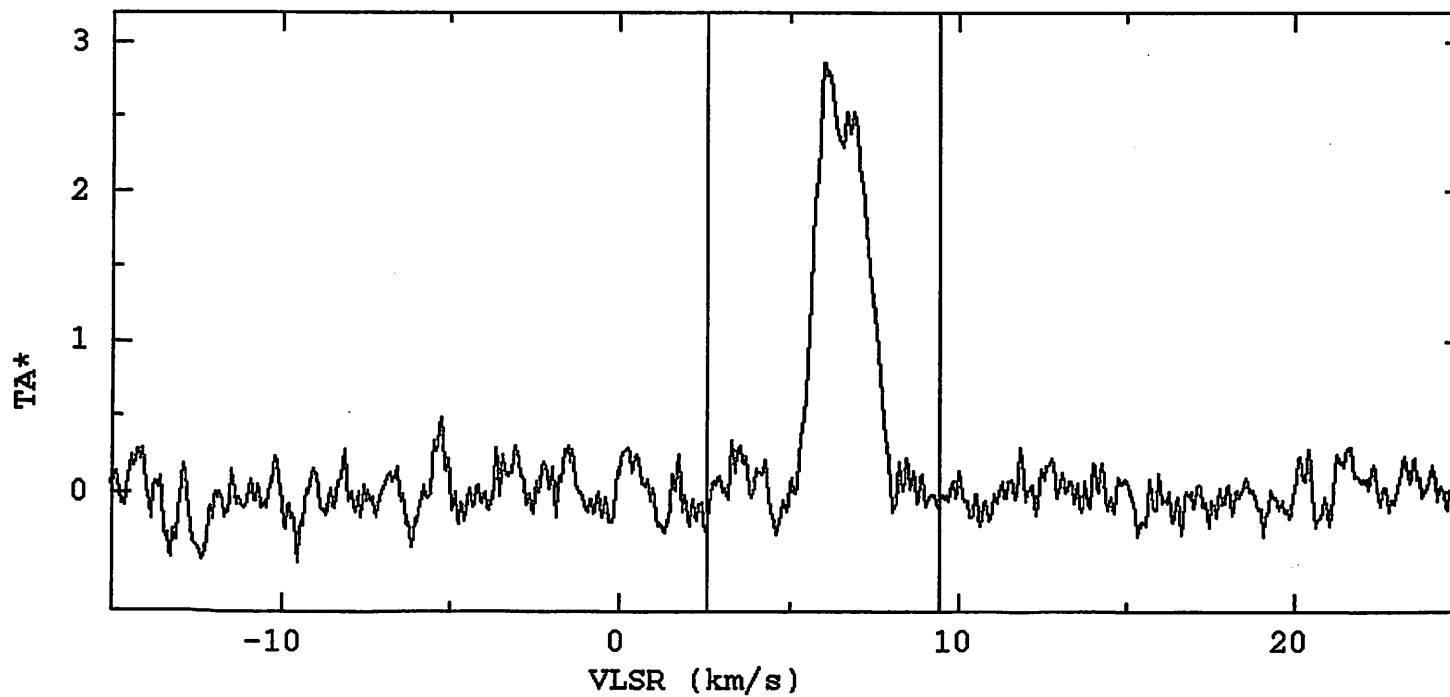
TMC1

Comments 13CO  
 Spectrum-id = 00011  
 Ref. coordinate = RA,DEC  
 X offset = +00d00'00.0"  
 Y offset = +00d00'00.0"  
 Center freq. = 110.201353(GHz)  
 r.m.s = 0.147(K)  
 Baseline order = 01

TMC1VIII

: DATE(M D Y) = 01 15 90  
 : P.A. = 0.000d  
 : RA = +04h38m38.6s : l = 174.377D  
 : DEC = +25d35'45.0" : b = -13.441D  
 : AOS-H  
 : Integ time = 00h13m20s  
 : Scaling factor = 1.00

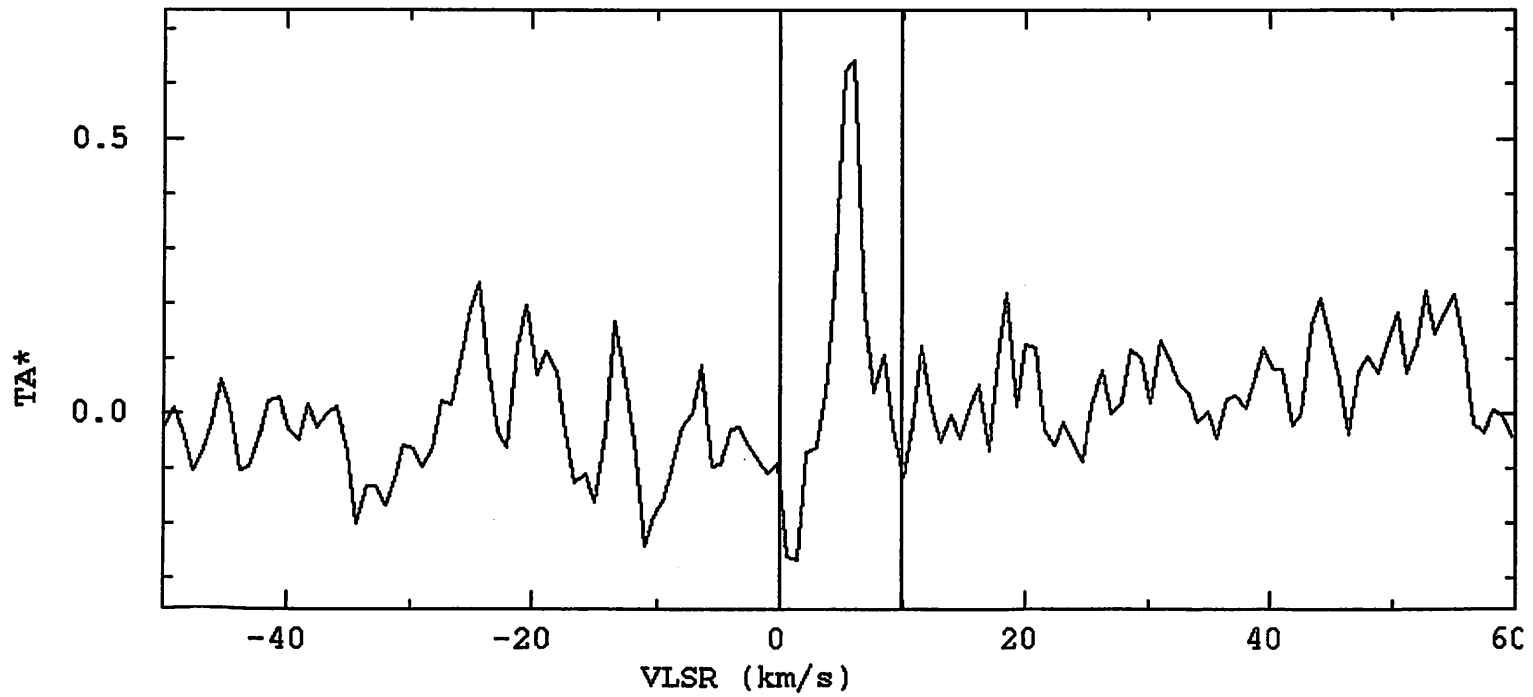
no.	peak T		x of peak		half width		integ. int.
1	2.855[K]	1028.0[ch]	110201.273[MHz]	6.050 [km/s]	31.112[ch]	0.622 [MHz]	1.693 [km/s] 4.797 [K*km/s]



TMC1  
 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 = 0.096(K)  
 Baseline order = 01

TMC1VIII  
 : DATE(M D Y) = 01 14 90  
 : P.A. = 0.000d  
 : RA = +04h38m38.6s : l = 174.377D  
 : DEC = +25d35'45.0" : b = -13.441D  
 : AOS-W  
 : Integ time = 00h03m00s  
 : Scaling factor = 1.00

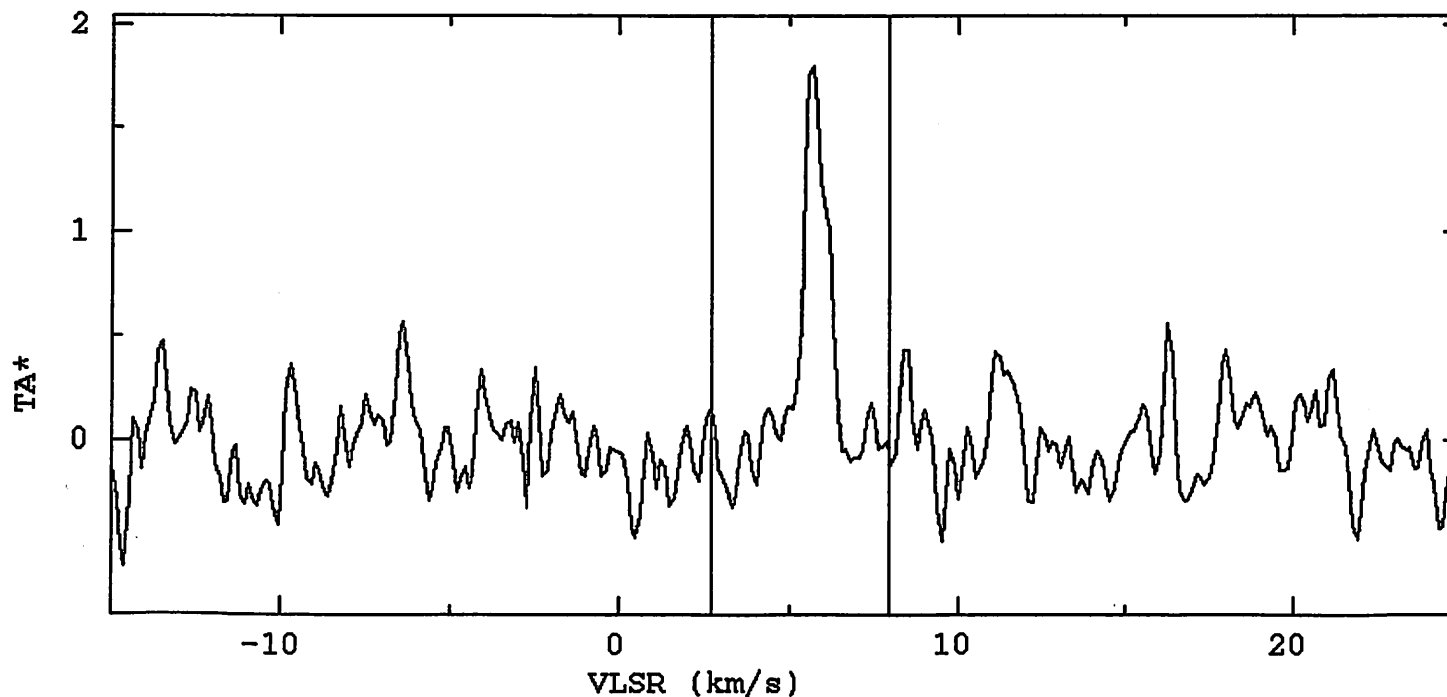
no.	peak T		x of peak		half width		integ. int.
1	0.644[K]	824.0[ch]	48990.922[MHz]	6.119 [km/s]	2.453[ch]	0.312 [MHz]	1.907 [km/s] 0.810 [K*km/s]



TMC1  
 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 = 0.196(K)  
 Baseline order = 01

TMC1VIII  
 : DATE(M D Y) = 01 14 90  
 : P.A. = 0.000d  
 : RA = +04h38m38.6s : l = 174.377D  
 : DEC = +25d35'45.0" : b = -13.441D  
 : AOS-H  
 : Integ time = 00h06m20s  
 : Scaling factor = 1.00

no.	peak T		x of peak		half width		integ. int.
1	1.800[K]	1023.0[ch]	48990.984[MHz]	5.734 [km/s]	6.767[ch]	0.135 [MHz]	0.828 [km/s] 1.299 [K*km/s]



TMC1

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 = 0.099(K)

Baseline order = 01

TMC1VIII

: DATE(M D Y) = 01 14 90

: P.A. = 0.000d

: RA = +04h38m38.6s

: DEC = +25d35'45.0"

: AOS-W

: Integ time = 00h05m00s

: Scaling factor = 1.00

: l = 174.377D

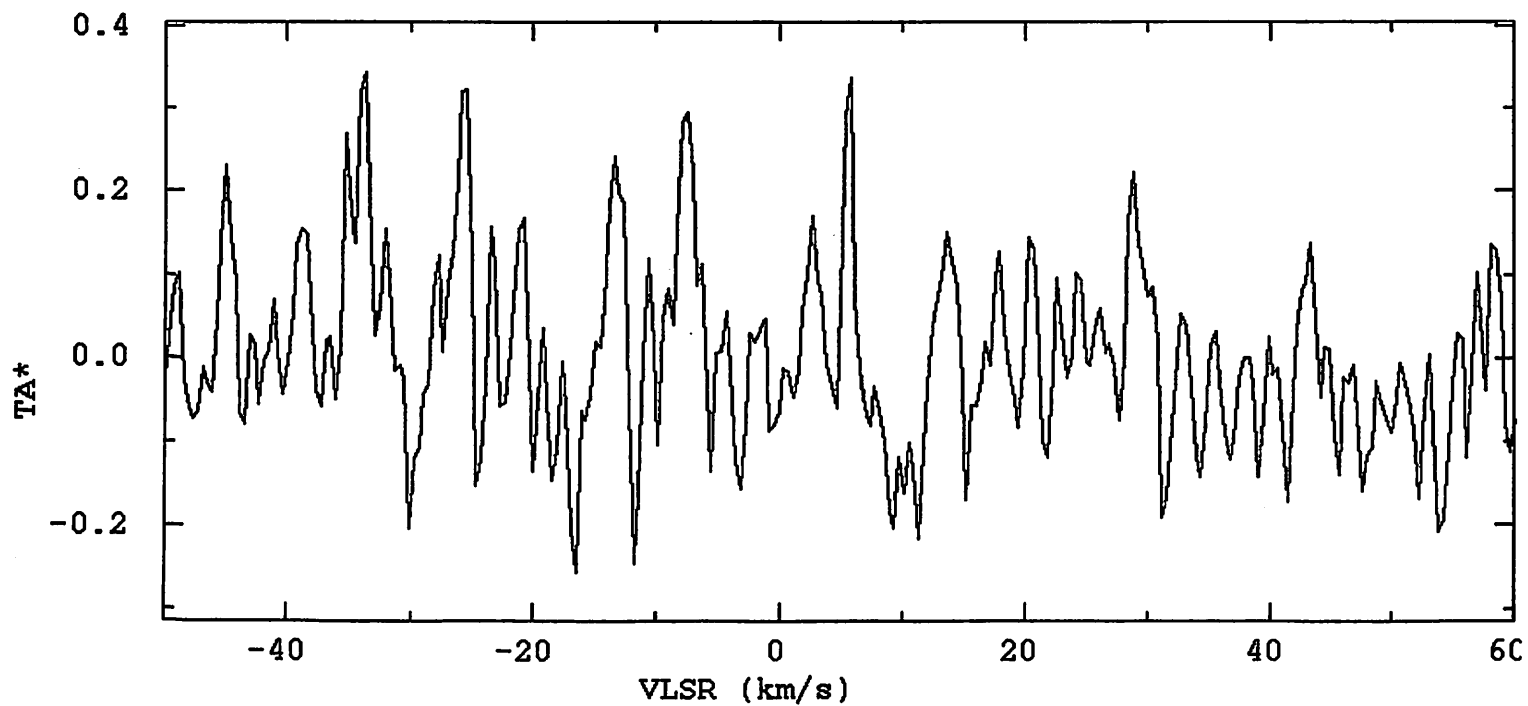
: b = -13.441D

no. peak T

x of peak

half width

integ. int.



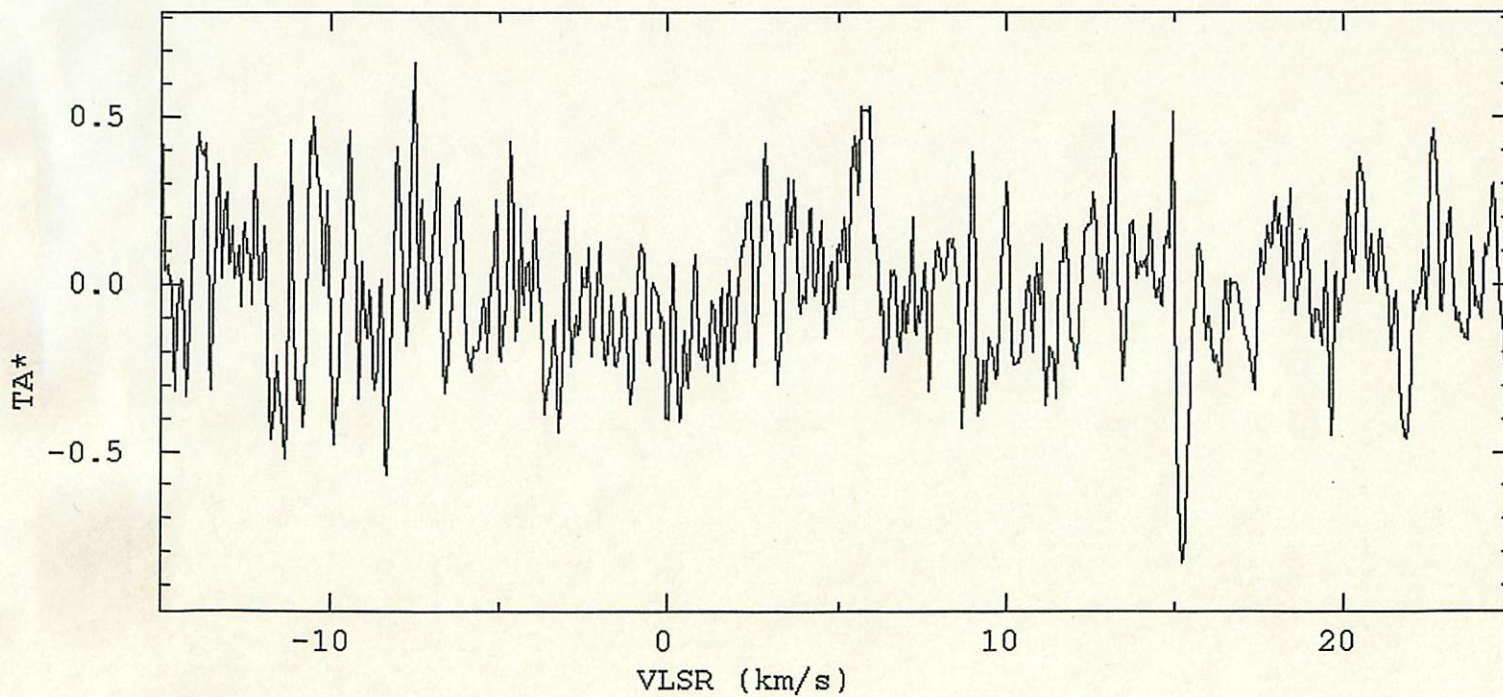


TMC1  
Comments CS(2-1)  
Spectrum-id = 00004  
Ref. coordinate = RA,DEC  
X offset = +00d00'00.0"  
Y offset = +00d00'00.0"  
Center freq. = 97.980968(GHz)  
r.m.s = 0.245(K)  
Baseline order = 01

TMC1VIII

: DATE(M D Y) = 01 14 90  
: P.A. = 0.000d  
: RA = +04h38m38.6s : l = 174.377D  
: DEC = +25d35'45.0" : b = -13.441D  
: AOS-H  
: Integ time = 00h13m20s  
: Scaling factor = 1.00

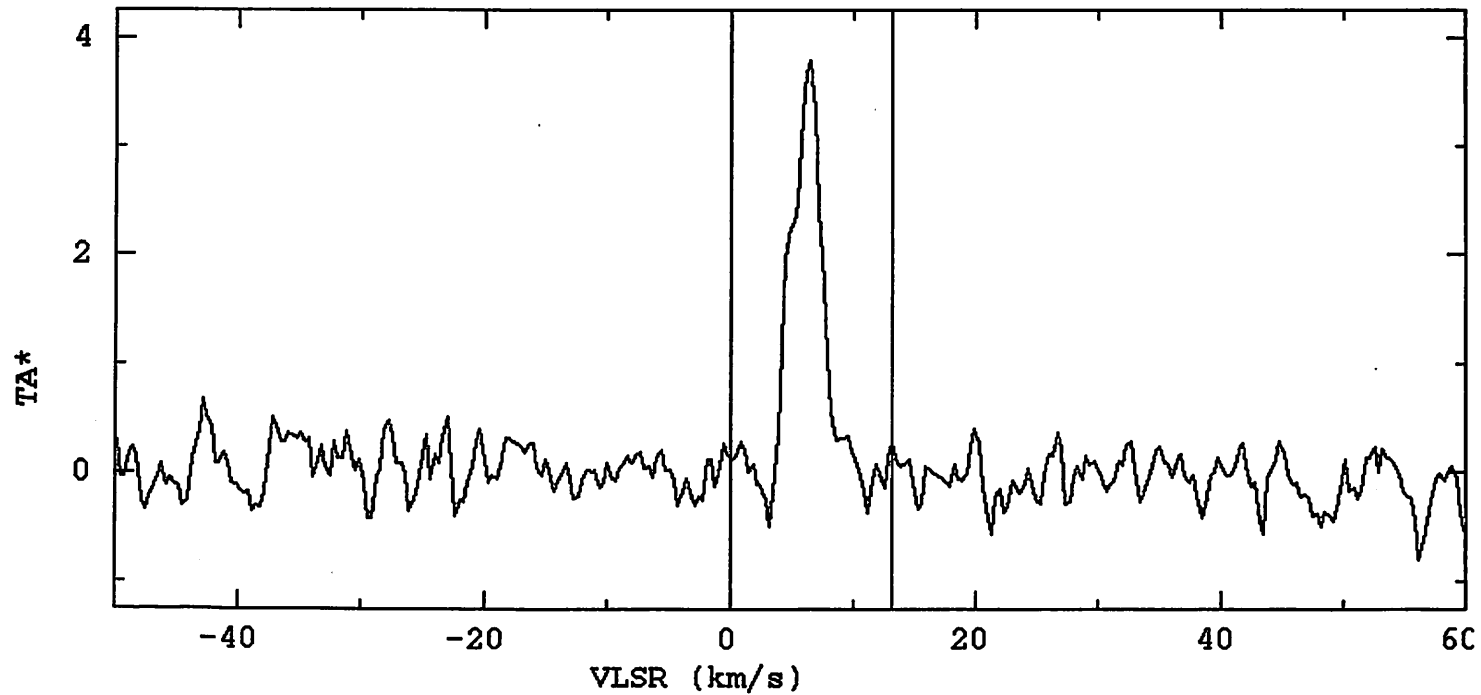
no. peak T x of peak half width integ. int.



TMC1  
 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 = 0.231(K)  
 Baseline order = 01

TMC1VIII  
 : DATE(M D Y) = 01 14 90  
 : P.A. = 0.000d  
 : RA = +04h38m38.6s : l = 174.377D  
 : DEC = +25d35'45.0" : b = -13.441D  
 : AOS-W  
 : Integ time = 00h03m00s  
 : Scaling factor = 1.00

no.	peak T		x of peak		half width		integ. int.
1	3.797[K]	1018.0[ch]	115270.930[MHz]	6.566 [km/s]	8.854 [ch]	1.143 [MHz]	2.974 [km/s] 10.502 [K*km/s]



TMC1  
 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 = 0.431(K)  
 Baseline order = 01

TMC1VIII  
 : DATE(M D Y) = 01 14 90  
 : P.A. = 0.000d  
 : RA = +04h38m38.6s : l = 174.377D  
 : DEC = +25d35'45.0" : b = -13.441D  
 : AOS-H  
 : Integ time = 00h06m40s  
 : Scaling factor = 1.00

no.	peak T		x of peak		half width		integ. int.
1	4.258[K]	1039.0[ch]	115270.906[MHz]	6.626 [km/s]	33.277[ch]	0.666 [MHz]	1.731 [km/s] 10.224 [K*km/s]

