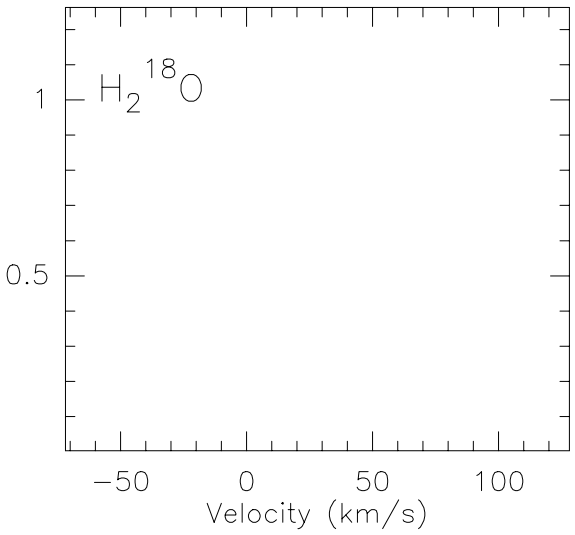
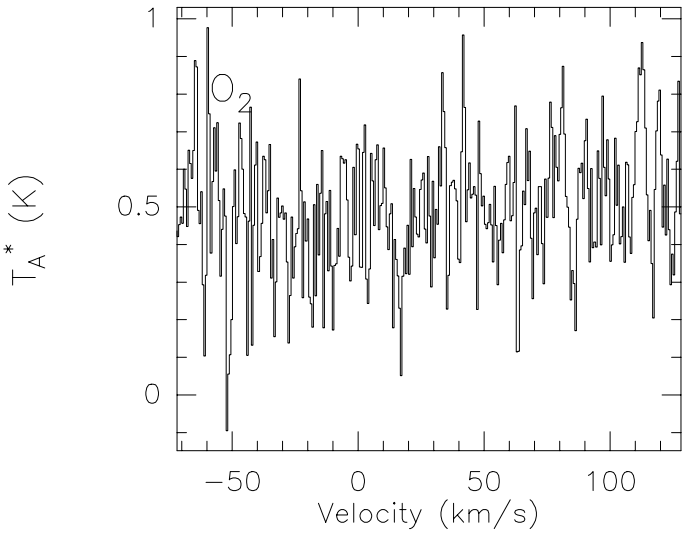
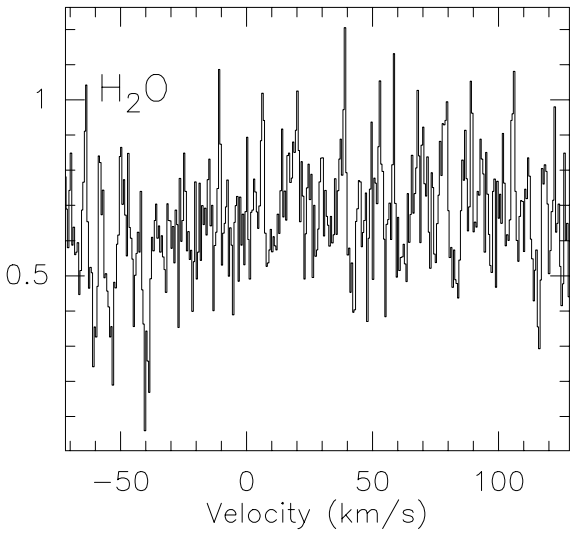
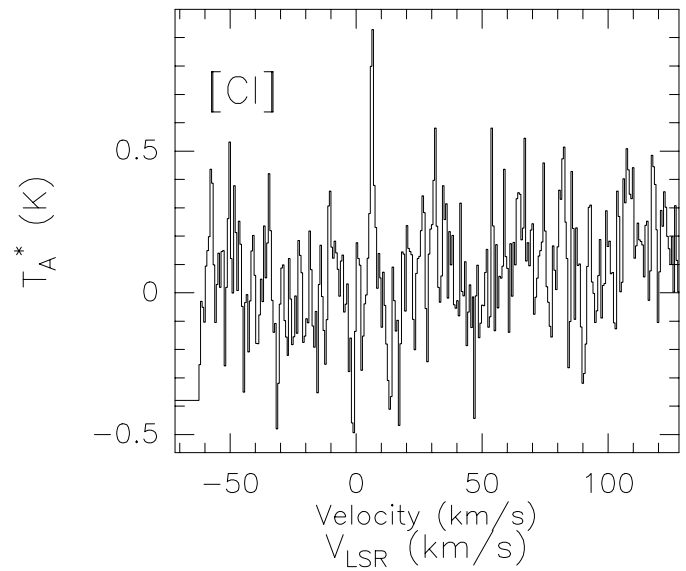
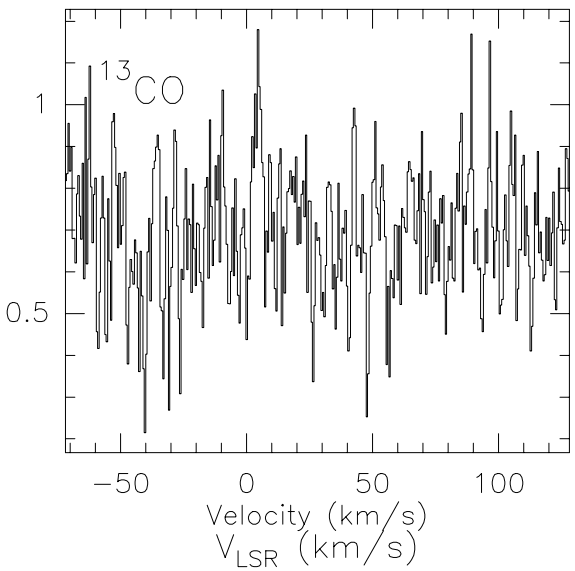
L1527A−1 HI

RA (J2000) = $4^h38^m9.60^s$
Dec(J2000) = $26^\circ14'34.8''$
$\Delta\alpha,\Delta\delta$ = (0.0',0.0')

V_{LSR} = 6.31 (km/s)
(from Gaussian fit to [CI] line)

[CI] : T_{int} = 0.22 hrs
^{13}CO(5−4): T_{int} = 0.22 hrs
O_2 : T_{int} = 0.22 hrs
H_2O : T_{int} = 0.22 hrs
$H_2{}^{18}O$: T_{int} = N/A hrs