^{29}SiO, coord, $T_{rot} = 50.0$ K, $N_{tot} = 5.5e+11$ cm^{-2}, $v_{cen} = 40.0$ km s^{-1}, $v_{disp} = 1.5$ km s^{-1}

$E_U = 6.17$ K

$log_{10}(A_{i,j}) = -4.55$

$E_U = 12.35$ K

$log_{10}(A_{i,j}) = -3.99$

$E_U = 43.21$ K

$log_{10}(A_{i,j}) = -3.06$

Brightness temperature [K]

Frequency [GHz]