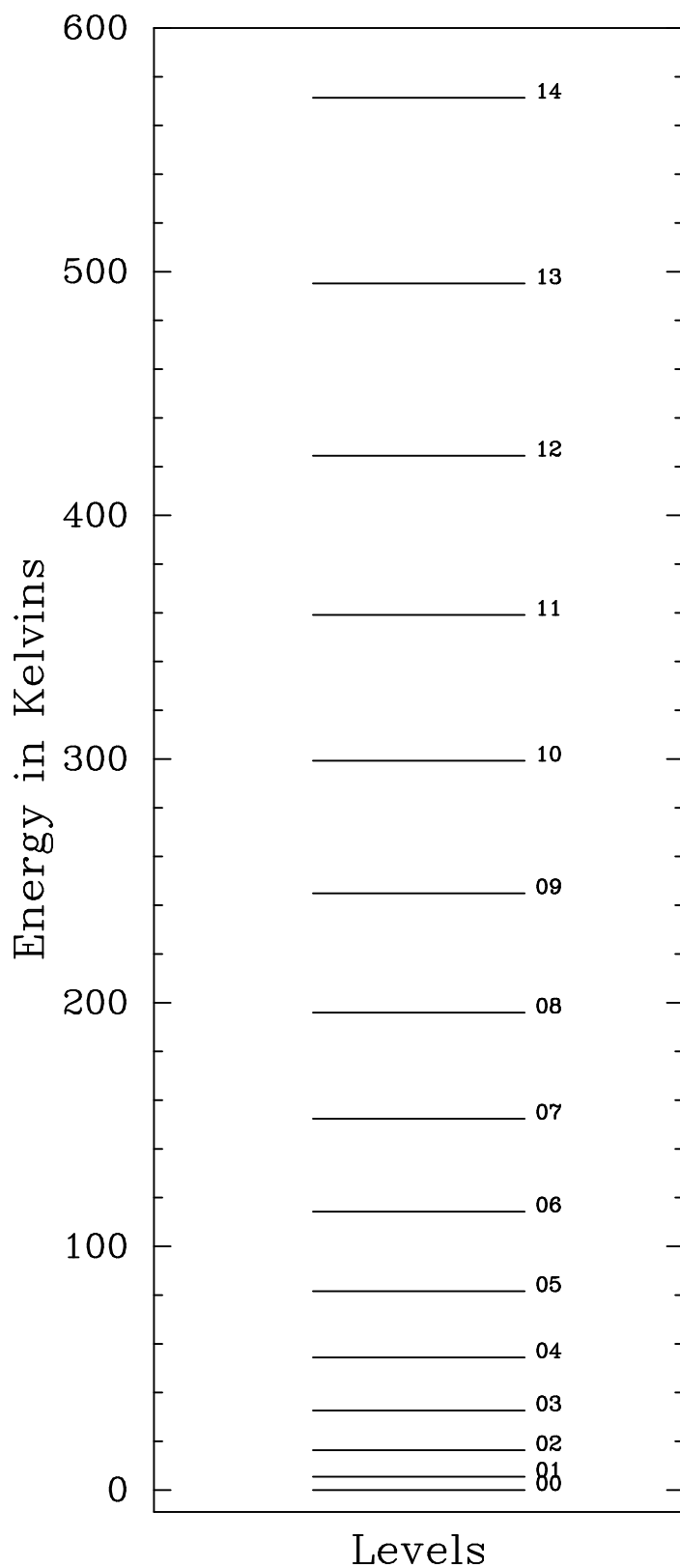


CN

B(rot): 56.69347 GHz De = 1.8357E-06 GHz Dipole Mom = 1.450 Debye



Quantum Numbers J K K1	Level Degeneracy	Energy Above Ground (Kelvins)
00	1.	0.00
01	3.	5.44
02	5.	16.33
03	7.	32.65
04	9.	54.42
05	11.	81.62
06	13.	114.27
07	15.	152.37
08	17.	195.90
09	19.	244.87
10	21.	299.29
11	23.	359.15
12	25.	424.45
13	27.	495.19
14	29.	571.37

QN(up)			QN(low)			Freq (GHz)	A(U-L)	B(L-U)	Log(Tau) relative
J	K	K1	J	K	K1				
01			00			113.387	1.19E-05	1.66E+09	0.07
02			01			226.774	1.14E-04	1.11E+09	0.61
03			02			340.161	4.13E-04	9.96E+08	0.87
04			03			453.547	1.01E-03	9.48E+08	0.98
05			04			566.934	2.03E-03	9.22E+08	1.00
06			05			680.320	3.56E-03	9.05E+08	0.94
07			06			793.706	5.71E-03	8.94E+08	0.82
08			07			907.092	8.60E-03	8.85E+08	0.65
09			08			1020.478	1.23E-02	8.79E+08	0.42
10			09			1133.862	1.70E-02	8.74E+08	0.14
11			10			1247.246	2.27E-02	8.69E+08	-0.19
12			11			1360.631	2.96E-02	8.66E+08	-0.57
13			12			1474.014	3.77E-02	8.63E+08	-0.98
14			13			1587.396	4.73E-02	8.61E+08	-1.45