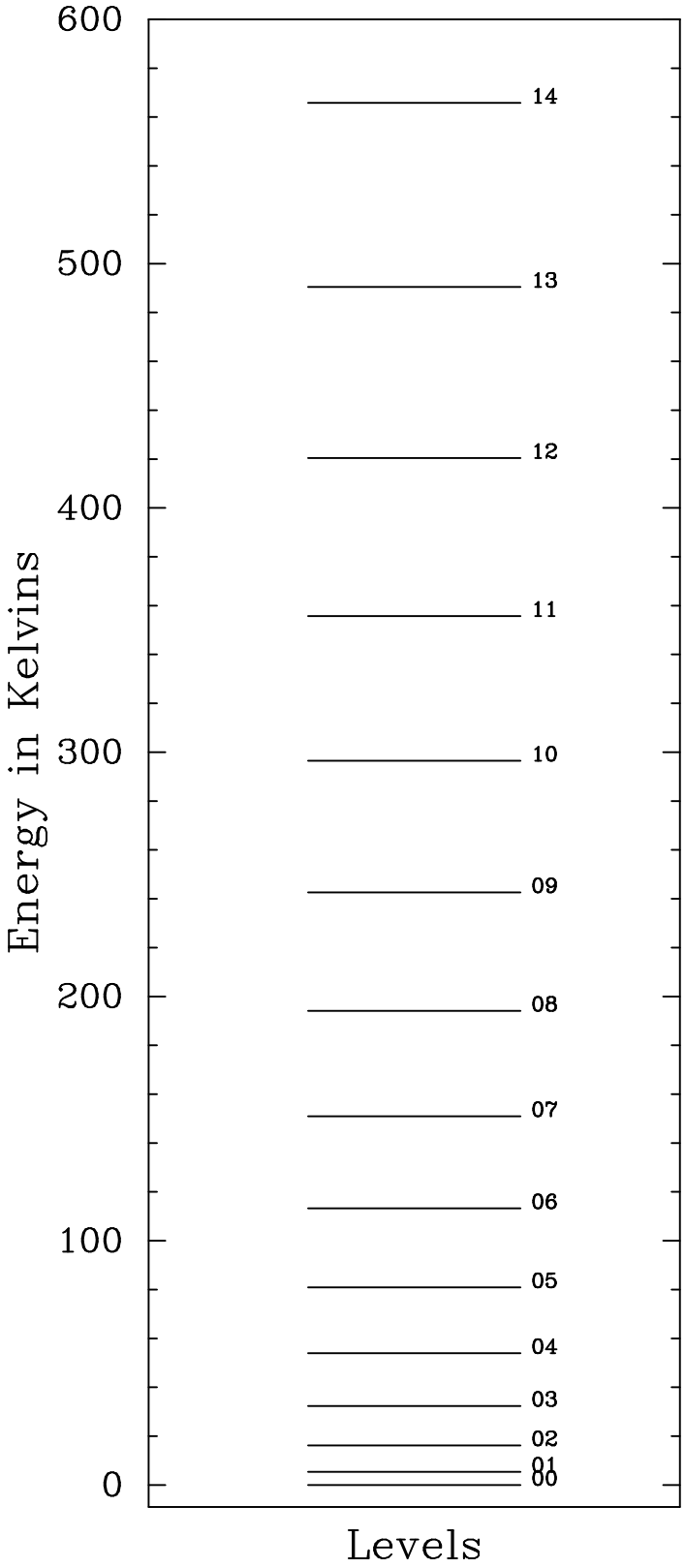
$C^{17}O$

B(rot): 56.17998 GHz De = 1.7439E−04 GHz Dipole Mom = 0.112 Debye



Quantum Numbers J K K1	Level Degeneracy	Energy Above Ground (Kelvins)
00	1.	0.00
01	3.	5.39
02	5.	16.18
03	7.	32.35
04	9.	53.92
05	11.	80.88
06	13.	113.23
07	15.	150.96
08	17.	194.08
09	19.	242.59
10	21.	296.48
11	23.	355.75
12	25.	420.40
13	27.	490.43
14	29.	565.83

QN(up) J K K1	QN(low) J K K1	Freq (GHz)	A(U−L)	B(L−U)	Log(Tau) relative
01	00	112.359	6.90E−08	9.90E+06	0.07
02	01	224.714	6.63E−07	6.60E+06	0.61
03	02	337.061	2.40E−06	5.94E+06	0.87
04	03	449.395	5.89E−06	5.66E+06	0.98
05	04	561.713	1.18E−05	5.50E+06	1.00
06	05	674.009	2.06E−05	5.40E+06	0.95
07	06	786.280	3.31E−05	5.33E+06	0.83
08	07	898.522	4.98E−05	5.28E+06	0.65
09	08	1010.731	7.14E−05	5.24E+06	0.43
10	09	1122.902	9.84E−05	5.21E+06	0.15
11	10	1235.032	1.32E−04	5.19E+06	−0.17
12	11	1347.113	1.71E−04	5.17E+06	−0.54
13	12	1459.147	2.18E−04	5.15E+06	−0.96
14	13	1571.125	2.73E−04	5.13E+06	−1.42