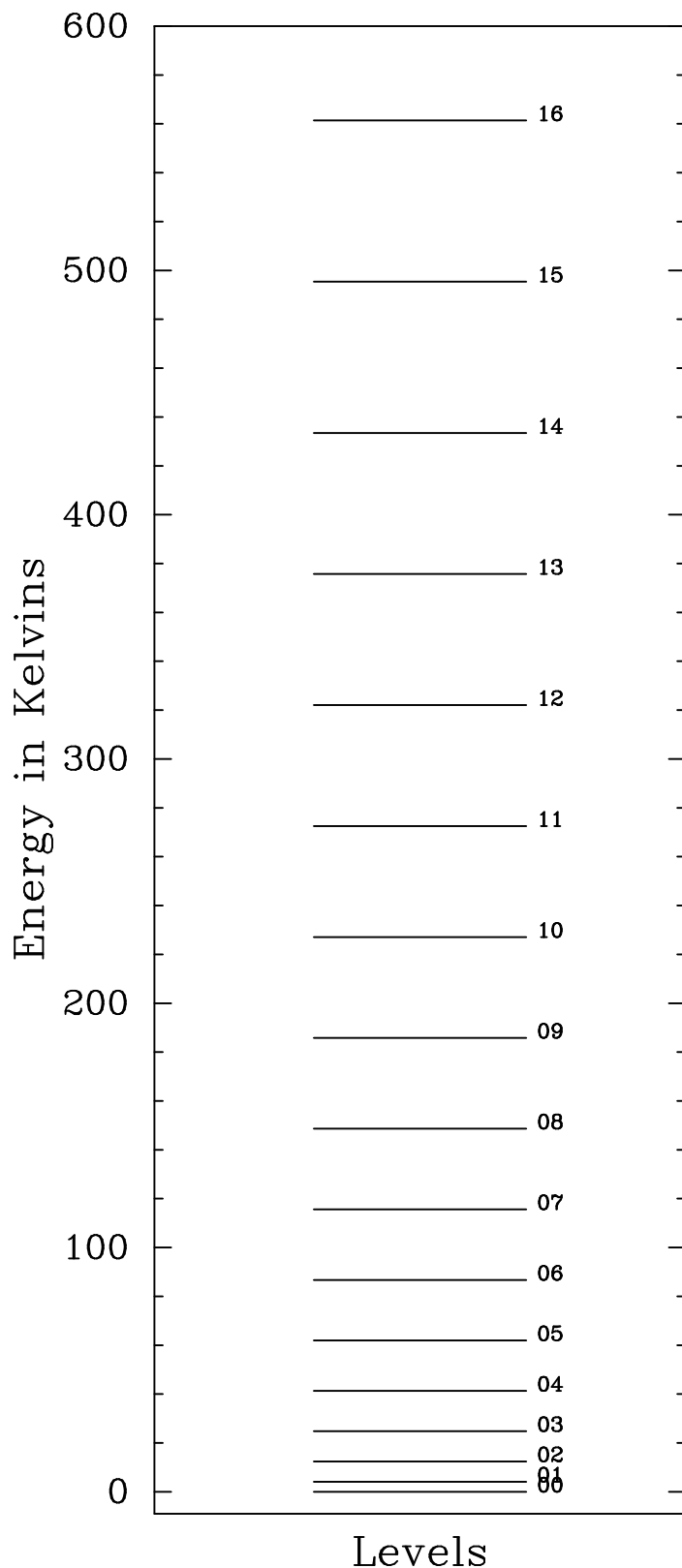


HC¹⁵N

B(rot): 43.02769 GHz De = 8.2340E-05 GHz Dipole Mom = 2.980 Debye



Quantum Numbers			Level Degeneracy	Energy Above Ground (Kelvins)
J	K	K1		
00			1.	0.00
01			3.	4.13
02			5.	12.39
03			7.	24.78
04			9.	41.30
05			11.	61.95
06			13.	86.72
07			15.	115.63
08			17.	148.66
09			19.	185.82
10			21.	227.10
11			23.	272.51
12			25.	322.04
13			27.	375.70
14			29.	433.47
15			31.	495.37
16			33.	561.38

QN(up)			Freq (GHz)	A(U-L)	B(L-U)	Log(Tau) relative
J	K	K1				
01	00		86.055	2.20E-05	7.01E+09	-0.04
02	01		172.108	2.11E-04	4.67E+09	0.52
03	02		258.157	7.62E-04	4.21E+09	0.79
04	03		344.200	1.87E-03	4.01E+09	0.94
05	04		430.236	3.74E-03	3.89E+09	1.00
06	05		516.261	6.56E-03	3.82E+09	0.99
07	06		602.275	1.05E-02	3.77E+09	0.94
08	07		688.274	1.59E-02	3.74E+09	0.83
09	08		774.258	2.27E-02	3.71E+09	0.68
10	09		860.224	3.13E-02	3.69E+09	0.49
11	10		946.171	4.19E-02	3.67E+09	0.26
12	11		1032.095	5.45E-02	3.66E+09	-0.01
13	12		1117.997	6.95E-02	3.65E+09	-0.31
14	13		1203.872	8.71E-02	3.63E+09	-0.65
15	14		1289.718	1.07E-01	3.63E+09	-1.02
16	15		1375.537	1.30E-01	3.62E+09	-1.42