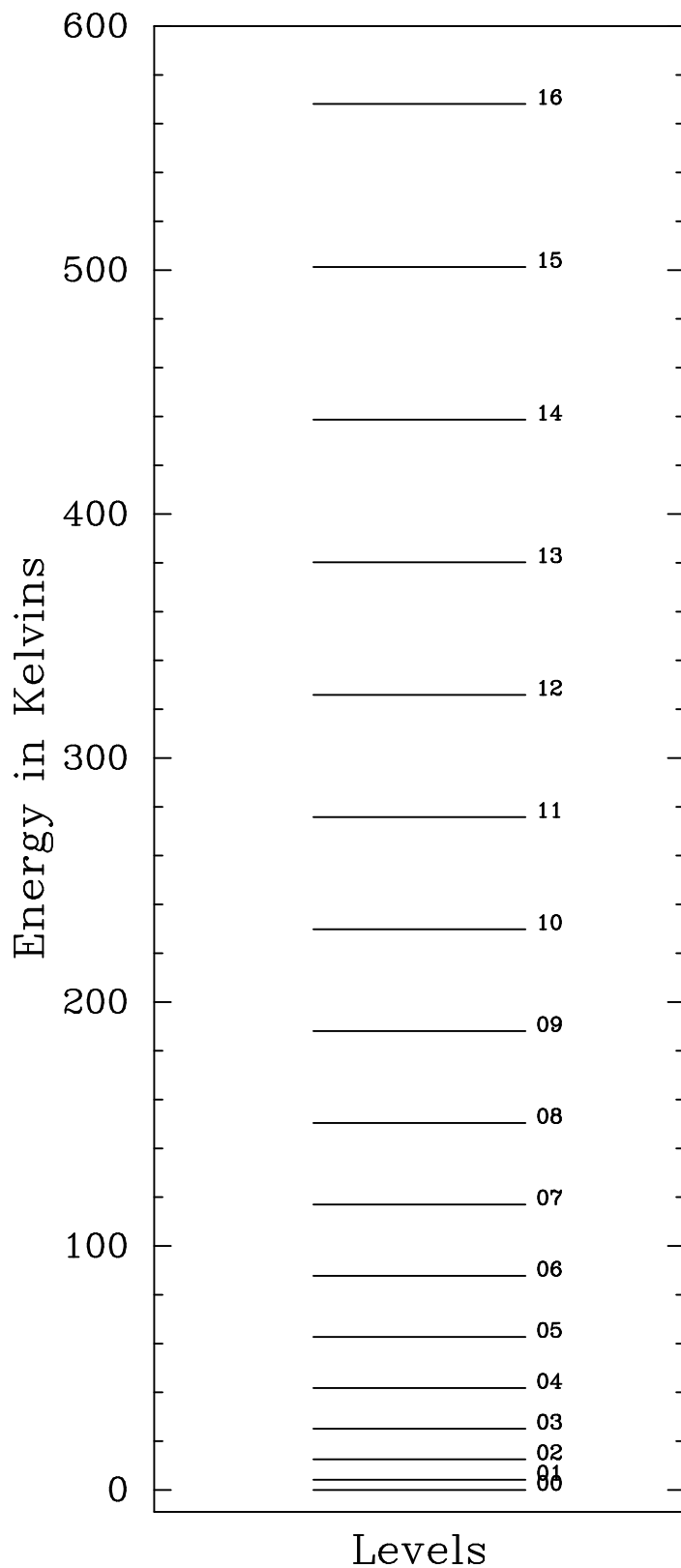


HN¹³C

B(rot): 43.54561 GHz De = 9.6900E-05 GHz Dipole Mom = 2.700 Debye



Quantum Numbers			Level Degeneracy	Energy Above Ground (Kelvins)
J	K	K1		
00			1.	0.00
01			3.	4.18
02			5.	12.54
03			7.	25.08
04			9.	41.79
05			11.	62.69
06			13.	87.77
07			15.	117.02
08			17.	150.44
09			19.	188.05
10			21.	229.83
11			23.	275.78
12			25.	325.90
13			27.	380.20
14			29.	438.66
15			31.	501.29
16			33.	568.09

QN(up)			Freq (GHz)	A(U-L)	B(L-U)	Log(Tau) relative
J	K	K1				
01	00		87.091	1.87E-05	5.75E+09	-0.04
02	01		174.179	1.79E-04	3.84E+09	0.52
03	02		261.263	6.49E-04	3.45E+09	0.80
04	03		348.340	1.59E-03	3.29E+09	0.94
05	04		435.408	3.18E-03	3.20E+09	1.00
06	05		522.464	5.59E-03	3.14E+09	0.99
07	06		609.506	8.97E-03	3.10E+09	0.93
08	07		696.531	1.35E-02	3.07E+09	0.82
09	08		783.538	1.93E-02	3.05E+09	0.67
10	09		870.525	2.67E-02	3.03E+09	0.47
11	10		957.487	3.56E-02	3.01E+09	0.24
12	11		1044.425	4.64E-02	3.00E+09	-0.03
13	12		1131.335	5.92E-02	2.99E+09	-0.34
14	13		1218.213	7.41E-02	2.98E+09	-0.68
15	14		1305.061	9.13E-02	2.98E+09	-1.05
16	15		1391.871	1.11E-01	2.97E+09	-1.46