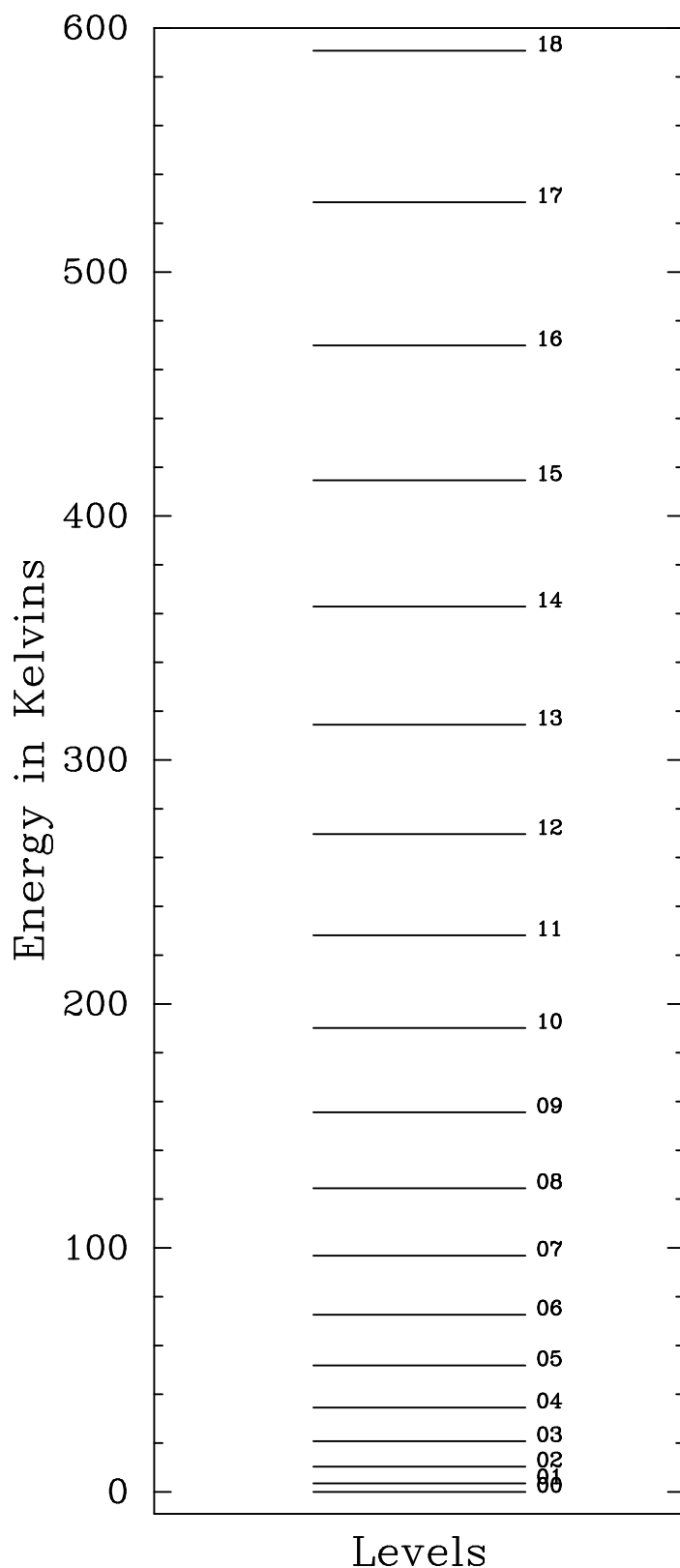


DCO⁺

B(rot): 36.01980 GHz De = 8.0000E-05 GHz Dipole Mom = 3.300 Debye



Quantum Numbers			Level Degeneracy	Energy Above Ground (Kelvins)
J	K	K1		
00			1.	0.00
01			3.	3.46
02			5.	10.37
03			7.	20.74
04			9.	34.57
05			11.	51.86
06			13.	72.60
07			15.	96.79
08			17.	124.44
09			19.	155.55
10			21.	190.11
11			23.	228.12
12			25.	269.58
13			27.	314.49
14			29.	362.85
15			31.	414.66
16			33.	469.91
17			35.	528.61
18			37.	590.75

QN(up)			Freq (GHz)	A(U-L)	B(L-U)	Log(Tau) relative
J	K	K1				
01	00		72.039	1.58E-05	8.60E+09	-0.12
02	01		144.077	1.52E-04	5.73E+09	0.44
03	02		216.110	5.48E-04	5.16E+09	0.73
04	03		288.138	1.35E-03	4.91E+09	0.90
05	04		360.158	2.69E-03	4.78E+09	0.98
06	05		432.168	4.72E-03	4.69E+09	1.00
07	06		504.167	7.58E-03	4.63E+09	0.97
08	07		576.153	1.14E-02	4.58E+09	0.90
09	08		648.123	1.63E-02	4.55E+09	0.79
10	09		720.076	2.25E-02	4.52E+09	0.65
11	10		792.009	3.01E-02	4.50E+09	0.47
12	11		863.922	3.92E-02	4.49E+09	0.26
13	12		935.812	5.00E-02	4.47E+09	0.02
14	13		1007.676	6.26E-02	4.46E+09	-0.26
15	14		1079.514	7.72E-02	4.45E+09	-0.56
16	15		1151.322	9.38E-02	4.44E+09	-0.89
17	16		1223.100	1.13E-01	4.43E+09	-1.24
18	17		1294.848	1.34E-01	4.42E+09	-1.63