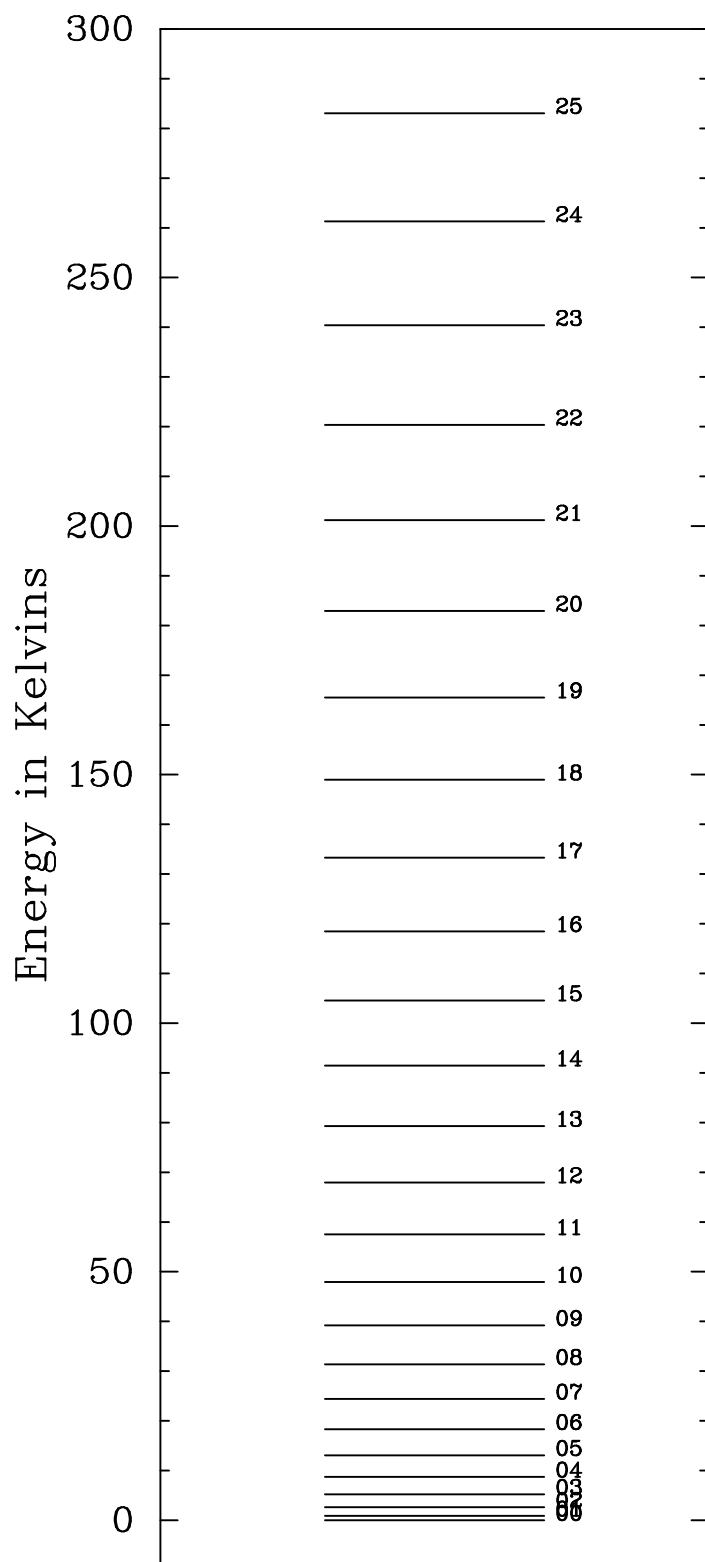


SiS

B(rot): 9.07745 GHz De = 6.0000E-06 GHz Dipole Mom = 1.730 Debye



Quantum Numbers			Level Degeneracy	Energy Above Ground (Kelvins)
J	K	K1		
00			1.	0.00
01			3.	0.87
02			5.	2.61
03			7.	5.23
04			9.	8.71
05			11.	13.07
06			13.	18.30
07			15.	24.40
08			17.	31.36
09			19.	39.21
10			21.	47.92
11			23.	57.50
12			25.	67.95
13			27.	79.28
14			29.	91.47
15			31.	104.54
16			33.	118.47
17			35.	133.28
18			37.	148.96
19			39.	165.50

QN(up)			QN(low)			Freq (GHz)	A(U-L)	B(L-U)	Log(Tau) relative
J	K	K1	J	K	K1				
01			00			18.155	6.95E-08	2.36E+09	-0.71
02			01			36.310	6.67E-07	1.58E+09	-0.12
03			02			54.464	2.41E-06	1.42E+09	0.22
04			03			72.618	5.93E-06	1.35E+09	0.45
05			04			90.771	1.18E-05	1.31E+09	0.61
06			05			108.924	2.08E-05	1.29E+09	0.74
07			06			127.076	3.34E-05	1.27E+09	0.83
08			07			145.227	5.02E-05	1.26E+09	0.90
09			08			163.377	7.20E-05	1.25E+09	0.95
10			09			181.525	9.92E-05	1.24E+09	0.98
11			10			199.672	1.33E-04	1.24E+09	1.00
12			11			217.817	1.73E-04	1.23E+09	1.00
13			12			235.961	2.20E-04	1.23E+09	0.99
14			13			254.103	2.76E-04	1.23E+09	0.97
15			14			272.242	3.40E-04	1.22E+09	0.94
16			15			290.380	4.14E-04	1.22E+09	0.90
17			16			308.515	4.97E-04	1.22E+09	0.85
18			17			326.648	5.91E-04	1.22E+09	0.79
19			18			344.778	6.96E-04	1.21E+09	0.72
20			19			362.906	8.12E-04	1.21E+09	0.64
21			20			381.031	9.41E-04	1.21E+09	0.55
22			21			399.152	1.08E-03	1.21E+09	0.46
23			22			417.271	1.24E-03	1.21E+09	0.35
24			23			435.386	1.41E-03	1.21E+09	0.24
25			24			453.498	1.59E-03	1.21E+09	0.12

Levels