

Frequency [MHz], Lower lev energy [K], Up level, Low level

CO

115271.2018	0.00	1	0
230538.0000	3.84	2	1
345795.9899	11.53	3	2
461040.7682	23.06	4	3
576267.9305	38.44	5	4
691473.0763	57.67	6	5
806651.8060	80.73	7	6
921799.7000	107.6	8	7
1036912.3930	138.3	9	8
1151985.4520	172.9	10	9

HCN

88631.6022	0.0	1	0
177261.1112	4.1	2	1
265886.4339	12.4	3	2
354505.4773	24.8	4	3
443116.1485	41.4	5	4
620304.0022	86.9	7	6
708877.0051	115.9	8	7

C

492160.6510	0.0	1	0
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CII

1900539		2P3/2	2P1/2
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CS

97980.9533	1.6	2 0	1 0
146969.0287	4.9	3 0	2 0
195954.2109	9.8	4 0	3 0
244935.5565	16.3	5 0	4 0
293912.0865	24.5	6 0	5 0
342882.8503	34.3	7 0	6 0
391846.8898	45.6	8 0	7 0
440803.2320	58.8	9 0	8 0
489750.9210	73.5	10 0	9 0
636532.4600	127.4	13 0	12 0
685435.9238	148.7	14 0	13 0

O2

368498.3443	4.0	3 2	1 1
424763.1200	2.1	3 2	1 2
487249.3755	2.1	3 3	1 2
715393.0720	18.3	5 4	3 3

O

2060068.0000		1	0
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