

gas number, isotope number, line center frequency, line strength , E'',
air broadened half width, air pressure shift, speed dependent width
parameter, speed dependent shift parameter

Format = '(I2,I1,F12.6,E10.3,F10.4,F6.4,F9.6,F5.3,F8.5)'

71	7797.419502	0.122E-25	343.96940.0469-0.0032440.148	0.03308
71	7798.846390	0.270E-26	933.53090.0361-0.0033110.210	0.04377
71	7800.634154	0.310E-26	931.74320.0361-0.0032850.207	0.06480
71	7806.422378	0.483E-26	793.20870.0378-0.0031740.187	0.00417
71	7808.227962	0.560E-26	791.40320.0381-0.0031260.192	0.03648
71	7809.894649	0.151E-25	260.68240.0488-0.0030280.150-0.01472	
71	7813.843902	0.816E-26	664.25950.0402-0.0031450.185	0.02818
71	7815.667537	0.954E-26	662.43590.0402-0.0031060.184	0.03975
71	7821.111136	0.128E-25	546.70420.0421-0.0030410.176-0.00102	
71	7822.222347	0.169E-25	188.85310.0505-0.0029190.141-0.01432	
71	7822.953124	0.152E-25	544.86220.0421-0.0029120.174-0.02337	
71	7828.224149	0.189E-25	440.56180.0441-0.0029500.170	0.00300
71	7830.084897	0.227E-25	438.70100.0441-0.0029260.167	0.02912
71	7834.402193	0.166E-25	128.49200.0524-0.0026660.141	0.01601
71	7835.182904	0.257E-25	345.84950.0459-0.0027930.161-0.01754	
71	7837.062985	0.315E-25	343.96940.0458-0.0027830.159	0.00729
71	7841.987260	0.322E-25	262.58270.0476-0.0027840.155-0.00792	
71	7843.887515	0.407E-25	260.68240.0475-0.0027070.153-0.00907	
71	7846.434817	0.134E-25	79.60700.0546-0.0025150.136-0.01172	
71	7848.636972	0.368E-25	190.77480.0492-0.0026910.150-0.02716	
71	7850.558718	0.482E-25	188.85310.0491-0.0026350.147	0.00952
71	7855.131692	0.375E-25	130.43750.0508-0.0025210.145	0.00516
71	7857.077167	0.516E-25	128.49200.0506-0.0024390.143-0.10932	
71	7858.324446	0.732E-26	42.20010.0581-0.0022080.124	0.05664
71	7861.470972	0.327E-25	81.58050.0528-0.0024720.144	0.03424
71	7862.485875	0.715E-27	1422.49840.0290-0.0035320.245	0.04342
71	7863.444477	0.496E-25	79.60700.0526-0.0023960.142-0.00812	
71	7864.966397	0.156E-26	1248.20130.0311-0.0034650.229	0.00190
71	7867.277047	0.317E-26	1085.20330.0328-0.0036740.203	0.08174
71	7867.654259	0.220E-25	44.21170.0557-0.0021660.135	0.02531
71	7869.047170	0.929E-27	1083.43320.0342-0.0033950.210	0.03819
71	7869.419311	0.622E-26	933.53090.0356-0.0028780.205-0.05348	
71	7869.488646	0.832E-27	1082.99170.0355-0.0035650.263	0.06607
71	7869.665852	0.393E-25	42.20010.0555-0.0023230.135	0.05243
71	7871.207074	0.179E-26	931.74320.0353-0.0031200.213	0.01932
71	7871.394565	0.113E-25	793.20870.0377-0.0029890.196-0.01791	
71	7871.612987	0.142E-26	931.33730.0359-0.0031420.232	0.02824
71	7873.200149	0.337E-26	791.40320.0370-0.0029000.195	0.06269
71	7873.204075	0.193E-25	664.25950.0405-0.0040000.183-0.02671	
71	7873.570206	0.251E-26	791.03310.0368-0.0031780.189	0.04437
71	7873.680901	0.696E-26	18.33720.0610-0.0009120.131	0.04440
71	7874.848999	0.310E-25	546.70420.0414-0.0030030.176	0.01632
71	7875.027710	0.569E-26	662.43590.0397-0.0030000.196	0.04657
71	7875.361531	0.429E-26	662.10210.0391-0.0029920.184	0.02831
71	7875.765218	0.190E-25	16.25290.0597-0.0012860.129	0.06180
71	7876.330387	0.465E-25	440.56180.0434-0.0026370.168	0.00281
71	7876.690986	0.916E-26	544.86220.0410-0.0028010.174-0.00718	
71	7876.988071	0.679E-26	544.56510.0409-0.0026660.171-0.04465	
71	7877.649184	0.651E-25	345.84950.0451-0.0024950.161	0.01400
71	7878.191135	0.140E-25	438.70100.0430-0.0028050.169	0.03217

71	7878.450804	0.100E-25	438.44130.0427-0.0027850.166	0.05815
71	7878.806231	0.847E-25	262.58270.0467-0.0023570.152-0.00918	
71	7879.529265	0.201E-25	343.96940.0451-0.0030270.166	0.06142
71	7879.750570	0.141E-25	343.74810.0454-0.0026380.137	0.00409
71	7879.802264	0.101E-24	190.77480.0490-0.0017410.156-0.00109	
71	7880.637916	0.112E-24	130.43750.0501-0.0027410.146-0.09983	
71	7880.706486	0.266E-25	260.68240.0462-0.0037630.152	0.22365
71	7880.888045	0.177E-25	260.50090.0467-0.0023540.152	0.05270
71	7881.313718	0.110E-24	81.58050.0509-0.0021210.140	0.00870
71	7881.724010	0.331E-25	188.85310.0481-0.0029430.145	0.07569
71	7881.830098	0.935E-25	44.21170.0530-0.0016000.140	0.02282
71	7881.863695	0.207E-25	188.71340.0484-0.0027810.162	0.10433
71	7882.187384	0.602E-25	18.33720.0574-0.0015050.135-0.05170	
71	7882.583391	0.382E-25	128.49200.0494-0.0021260.141	0.00849
71	7882.677679	0.218E-25	128.39770.0505-0.0020860.156	0.07704
71	7883.287223	0.410E-25	79.60700.0523-0.0023270.133	0.10559
71	7883.329605	0.201E-25	79.56460.0519-0.0015750.171	0.05667
71	7883.817839	0.152E-25	42.22400.0532-0.0007970.155	0.04600
71	7883.841691	0.405E-25	42.20010.0542-0.0018190.147	0.06460
71	7884.136953	0.766E-26	16.38760.0600-0.0013040.156	0.02924
71	7884.271701	0.378E-25	16.25290.0579-0.0014250.138	0.01115
71	7888.056996	0.669E-25	3.96110.0567-0.0014100.138	0.03946
71	7889.933787	0.174E-25	2.08430.0605-0.0004530.135	0.05947
71	7893.528790	0.779E-25	18.33720.0558-0.0010860.140	0.12029
71	7895.478359	0.409E-25	16.38760.0562-0.0008330.139	0.05117
71	7898.440270	0.349E-25	2.08430.0586-0.0002630.137	0.11925
71	7898.839758	0.854E-25	44.21170.0525-0.0011790.145	0.07143
71	7900.827499	0.557E-25	42.22400.0527-0.0011080.145	0.07271
71	7903.988692	0.859E-25	81.58050.0505-0.0013050.146	0.04329
71	7906.004580	0.624E-25	79.56460.0505-0.0012490.147	0.00846
71	7908.974286	0.795E-25	130.43750.0490-0.0014890.152	0.02534
71	7909.654198	0.424E-25	16.38760.0550-0.0002590.139	0.07249
71	7911.014049	0.616E-25	128.39770.0491-0.0014100.151	0.00833
71	7913.795131	0.682E-25	190.77480.0476-0.0016400.153-0.01273	
71	7915.856562	0.552E-25	188.71340.0476-0.0015910.155-0.00019	
71	7918.449714	0.543E-25	262.58270.0461-0.0017490.162-0.01008	
71	7920.531528	0.453E-25	260.50090.0459-0.0016040.156-0.11462	
71	7920.670245	0.463E-25	42.22400.0521-0.0005930.145	0.14650
71	7922.936423	0.405E-25	345.84950.0444-0.0021660.168-0.00237	
71	7925.037809	0.346E-25	343.74810.0444-0.0021870.167	0.00631
71	7927.253539	0.283E-25	440.56180.0426-0.0023700.175-0.02020	
71	7929.373957	0.245E-25	438.44130.0425-0.0024180.174	0.00594
71	7931.399242	0.186E-25	546.70420.0408-0.0024180.184-0.11852	
71	7931.510803	0.463E-25	79.56460.0502-0.0010370.146	0.11854
71	7933.538314	0.163E-25	544.56510.0407-0.0025820.182-0.00513	
71	7935.371603	0.114E-25	664.25950.0388-0.0028480.194	0.00920
71	7937.529059	0.100E-25	662.10210.0377-0.0026060.158	0.04127