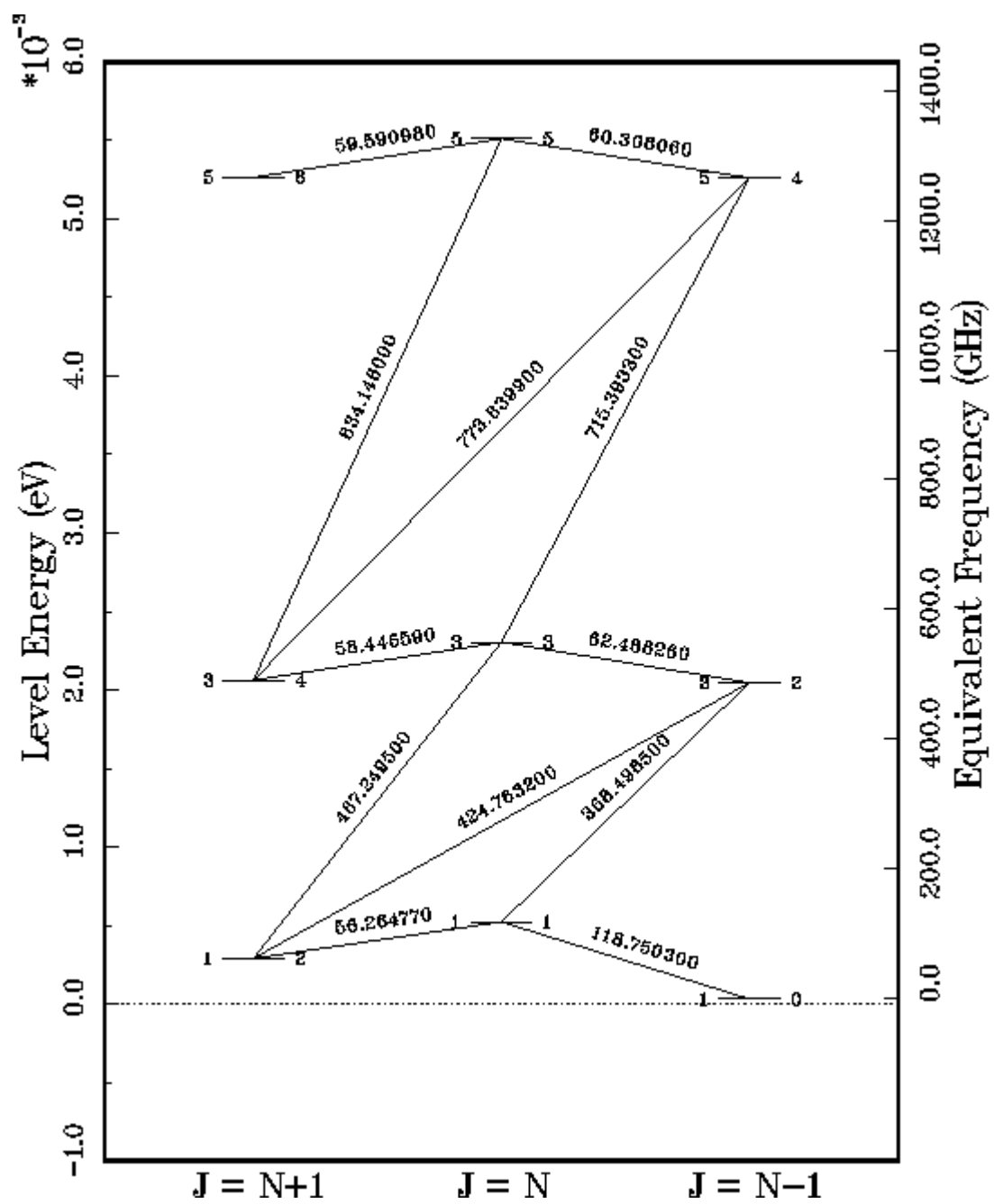


Useful WEB Pages and other information about atomic spectra:

Table 6 : The Helium spectrum

Line	Symbol	Line	Symbol	Line	Symbol
3819.607	HeI	4437.551	HeI	6678.151	HeI
3888.648	HeI	4471.479	HeI	7065.190	HeI
3964.729	HeI	4713.146	HeI	7261.349	HeI
4026.191	HeI	4921.931	HeI	9463.610	HeI
4120.815	HeI	5015.678	HeI	9603.420	HeI
4143.761	HeI	5047.738	HeI	10829.340	HeI
4387.929	HeI	5875.621	HeI		

Figure 6 : The Helium spectrum



References:

1) GEOPHYSICAL RESEARCH LETTERS, VOL. 25, NO. 13, PAGES 2457-2460, JULY 1, 1998

Quantum interference in the Schumann-Runge bands of molecular oxygen

B. R. Lewis and S. T. Gibson

2) Journal of Molecular Spectroscopy **207**, 99–103 (2001)

doi:10.1006/jmsp.2001.8313, available online at <http://www.idealibrary.com> on

Molecular Constants for the $\nu = 0$, $b^1\Sigma_g^+$

Excited State of O_2 : Improved Values Derived from Measurements of the Oxygen A-Band Using Intracavity Laser Spectroscopy

Leah C. O'Brien et al.

Remaining references

Oxygen <http://www.iras.ucalgary.ca/~sat/Odin/science/o2lev.html>

water <http://www.iras.ucalgary.ca/~sat/Odin/science/water.html>

<http://www.rsfphysse.anu.edu.au/ampl/research/uvp/pubs/GL410W01.pdf>

<http://www.cio.phys.rug.nl/HTML-docs/FOM-MAP/FOM-MAP-WvdZ2.pdf>

Oxygen emission spectrum:

<http://www.assumption.edu/users/bniece/CHE131/LineSpectra/HiResolution/O2.pdf>
SETI etc:

<http://www.astrobio.net/news/article878.html>

Oxygen isotopes in atmosphere:

<http://www.lpi.usra.edu/meetings/gold2001/pdf/3879.pdf>

References for Nitrogen Fluorescence in air:

http://www.copernicus.org/icrc/papers/ici6359_p.pdf