Helium Spectrum 1

First three levels ignoring the effect of the mutual repulsion of electrons and not to scale!. Remember that one electron is always in the n=1 state.

Singlet S=0 Triplet S=1

n=3 L=0,1,2 n=3 L=0,1,2

n=2 L=0,1 n=2 L=0,1

n=1 L=0

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