

Hydrogen Energy Level Plot

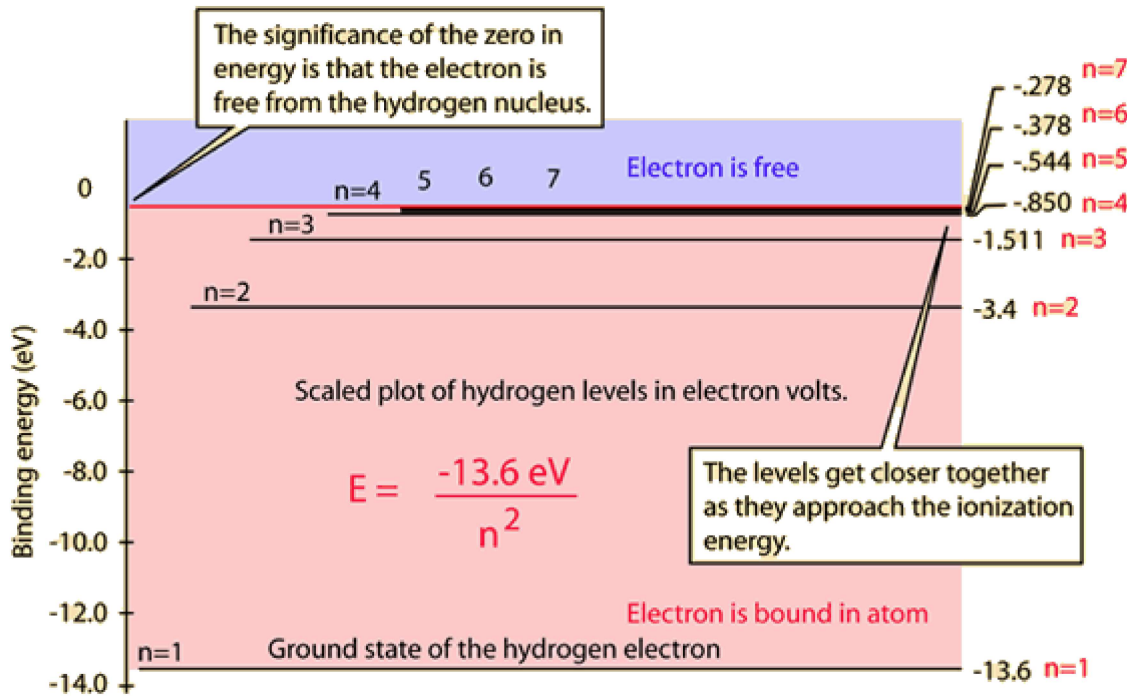
Index to HyperPhysics

[Close](#)
[Index*](#)

*The true address of the document is not shown when the index is open.

[Google search of HyperPhysics](#)

- * [acceleration](#)
- * [absorption, quantum](#)
- * [adhesion](#)
- * [admittance](#)
- * [air, constituents](#)
- * [air friction](#)
- * [airbag](#)
- * [airfoil](#)
- * [airplane in wind](#)
- * [albedo](#)
- * [algebra](#)
- * [Alpha Centauri](#)
- * [alpha particle](#)
- * [alveoli of lungs](#)
- * [Ampere's Law](#)
- * [AM radio](#)
- * [angular acceleration](#)
- * [angular displacement](#)
- * [angular momentum](#)
- * [angular momentum, quantized](#)
- * [angular velocity](#)
- * [Archimedes' principle](#)
- * [arctangent problem](#)
- * [aspirator](#)
- * [astronomical unit](#)
- * [asymptotic freedom](#)
- * [atmosphere, constituents](#)
- * [atmospheric pressure](#)
- * [atomic clock](#)
- * [atomic mass unit](#)



In
Hyd
con
At
stru
con

If you look at the hydrogen energy levels at extremely high resolution, you do find evidence of some other small effects on the energy. The 2p level is split into a pair of lines by the [spin-orbit effect](#). The 2s and 2p states are found to differ a small amount in what is called the [Lamb shift](#). And even the 1s ground state is split by the interaction of electron spin and nuclear spin in what is called [hyperfine structure](#).

