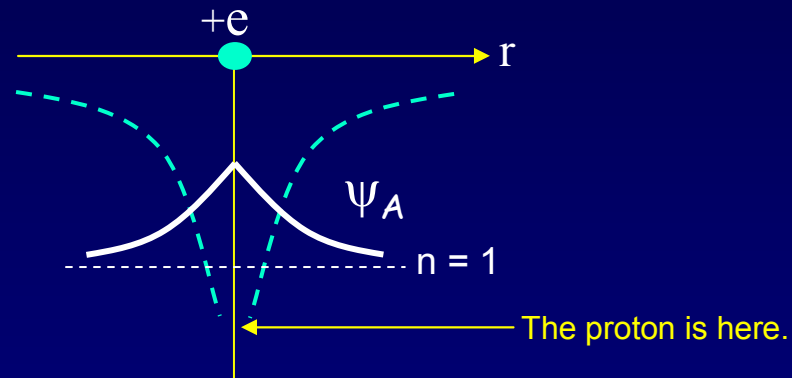


Molecular Wave functions and Energies with the Coulomb Potential

To understand real molecular bonding, we must deal with two issues:

- The atomic potential is not a square well.
- There is more than one electron in the well.

Atomic ground state (1s):



Molecular states:

