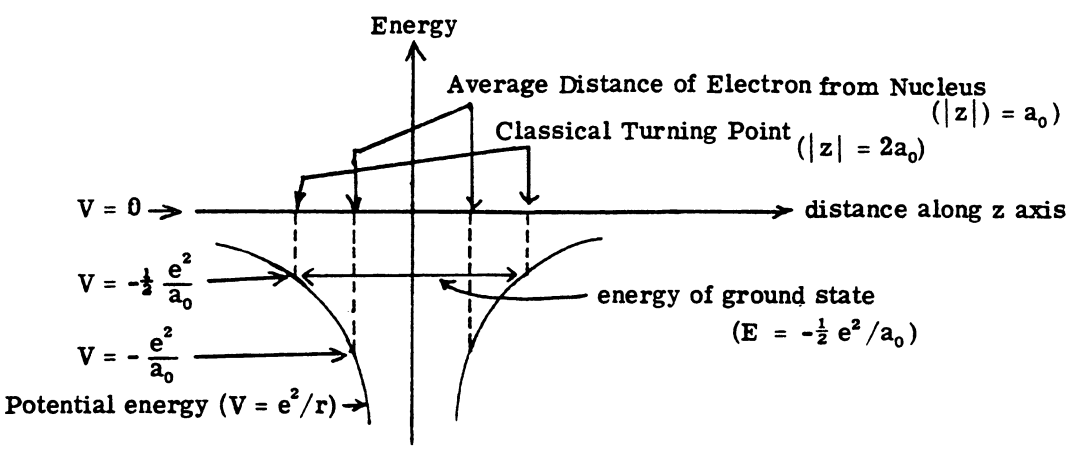
Energy
Average Distance of Electron from Nucleus
(|z|) = a0
Classical Turning Point
(|z| = 2a0)
V = 0
distance along z axis
V = -½ e²/a0
energy of ground state
(E = -½ e²/a0)
V = - e²/a0
Potential energy (V = e²/r)