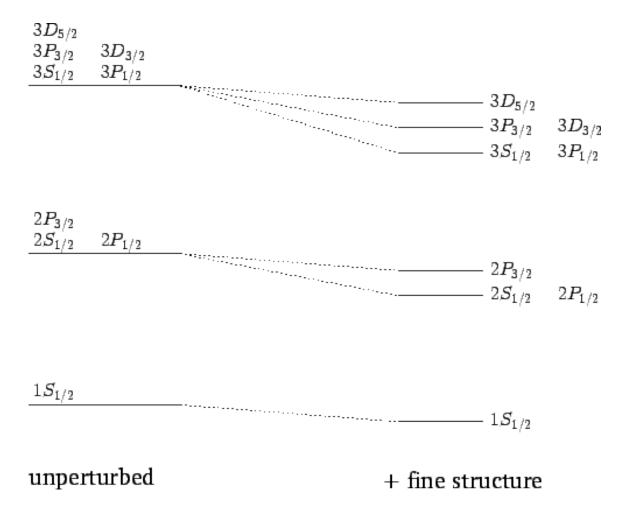
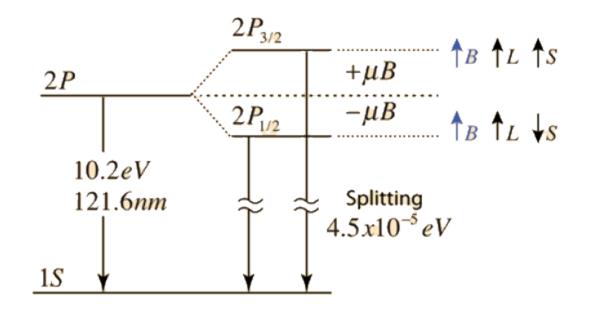
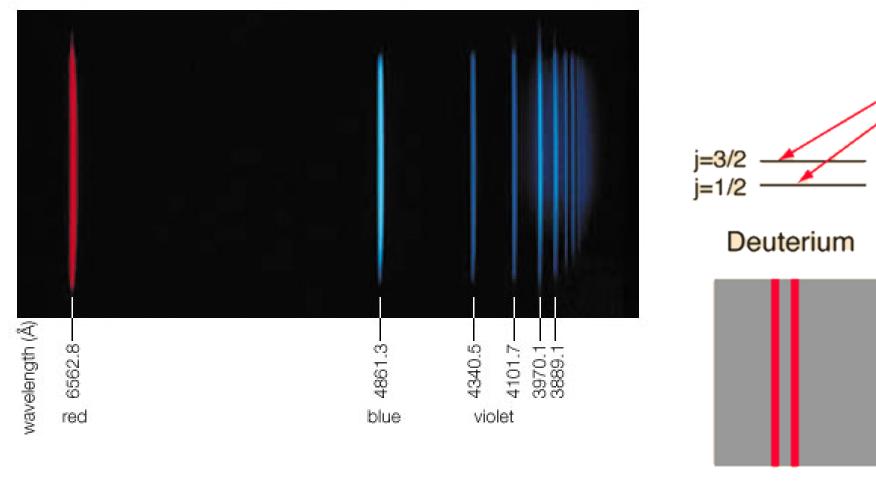
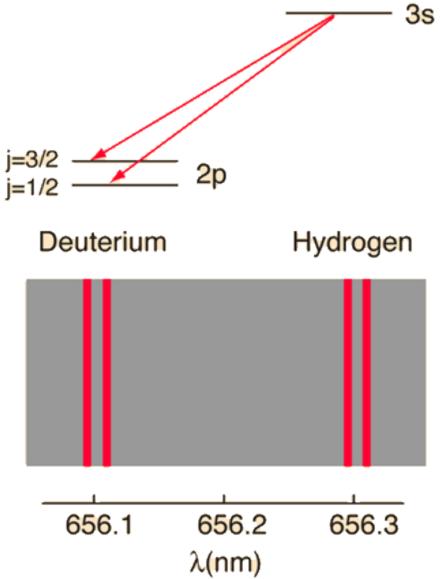
## Fine Structure of the Hydrogen Atom





## The Balmer Series of Hydrogen





## Fine and Hyperfine Structure of the n = 4 Hydrogen Atom State

