

- 1 A hypothetical ground state atom has an ionization energy of 5 eV and a single emission line at 1 eV. The atom has bound energy levels at
 - A 1 eV and 5 eV
 - B -1 eV and -5 eV
 - C -5 eV and -4 eV
 - D 1 eV and 6 eV
- 2 A hypothetical ground state atom has an ionization energy of 5 eV and a single emission line at 1 eV. The ground state atom can ...
 - A absorb light of energy 4 eV
 - B absorb light of 6 eV
 - C absorb light of 2 eV
 - D None of the above