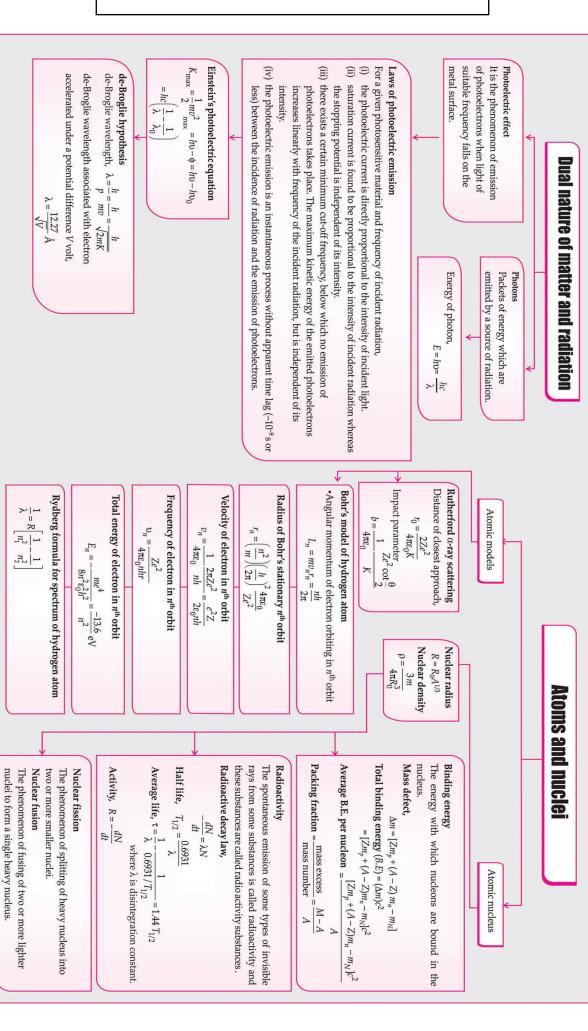
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BRAIN MAP Dual nature of matter and radiation & atoms and nuclei



 $h = \text{planck's constant}, v = \text{frequency}, \phi_0 = \text{work function}, \lambda = \text{wavelength}, v = \text{velocity}, T = \text{temperature}, Z = \text{atomic number}, \varepsilon_0 = \text{permittivity of vacuum}, K = \text{kinetic energy}, m_H = \text{mass of neutron}, m_p = \text{mass of proton}$ m_N = mass of nucleus, A = mass number, N = number of atoms left undecayed, c = speed of light, R_0 = 1.2×10^{-15} m, m = average mass of nucleon, R = 1.0×10^7 m⁻¹

Symbols Used