29 An atom makes a transition from an energy level of energy E_1 to a level of energy E_2, emitting a photon of wavelength λ.

Which expression gives this wavelength in terms of Planck constant h and the speed of light c?

A $\quad \dfrac{E_1}{hc} - \dfrac{E_2}{hc}$ B $\quad \dfrac{hc}{E_1} - \dfrac{hc}{E_2}$ C $\quad \dfrac{hc}{E_2} - \dfrac{hc}{E_1}$ D $\quad \dfrac{hc}{E_1 - E_2}$