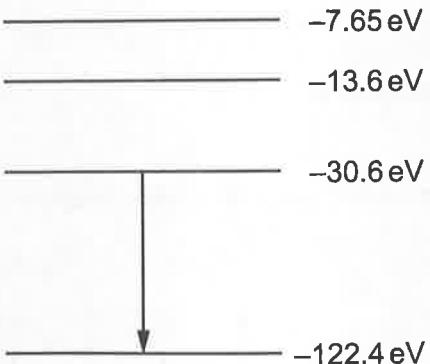


28 Some of the energy levels of an atom are shown.



An electron undergoes the transition shown and a photon is emitted.

What is the wavelength of the emitted photon?

- A $1.35 \times 10^{-8}\text{ m}$
- B $4.06 \times 10^{-8}\text{ m}$
- C $1.02 \times 10^{-7}\text{ m}$
- D $3.06 \times 10^{-7}\text{ m}$

