

- 28** λ_0 is the de Broglie wavelength of an electron accelerated from rest through a potential difference of 1 kV.

λ_1 is the de Broglie wavelength of another electron accelerated from rest through a potential difference of 100 kV.

What is the value of the ratio $\frac{\lambda_0}{\lambda_1}$?

A 0.1

B 1

C 10

D 100