

28 What is the de Broglie wavelength of an alpha particle of kinetic energy E , given that u is the unified atomic mass unit?

A $\frac{h}{2\sqrt{uE}}$

B $\frac{2\sqrt{uE}}{h}$

C $\frac{h}{2\sqrt{2uE}}$

D $\frac{2\sqrt{2uE}}{h}$