

28 What is the wavelength of a particle of mass 1.88×10^{-28} kg when traveling with a speed equal to 10% of the speed of light?

- A 7.1×10^{-9} m
- B 4.4×10^{-10} m
- C 1.3×10^{-12} m
- D 1.2×10^{-13} m

29 In the Rutherford alpha-particle scattering experiment, alpha particles were directed at a thin