

28 What is the de Broglie wavelength of an electron travelling at $2.00 \times 10^7 \text{ ms}^{-1}$?

- A** $3.31 \times 10^{-41} \text{ m}$
- B** $2.07 \times 10^{-22} \text{ m}$
- C** $3.64 \times 10^{-11} \text{ m}$
- D** $5.00 \times 10^{-8} \text{ m}$

29 The figure shows part of a chart of nuclides where neutron number is plotted against proton