

- 30 Differently charged ions of several nuclides are all fired at the same speed into a region where there is a uniform magnetic field at right angles to their initial path.

Which ions travel in a circular path of the smallest radius?

- A singly charged ${}^6_3\text{Li}$ ions
- B doubly charged ${}^6_3\text{Li}$ ions
- C doubly charged ${}^{12}_6\text{C}$ ions
- D singly charged ${}^{16}_8\text{O}$ ions