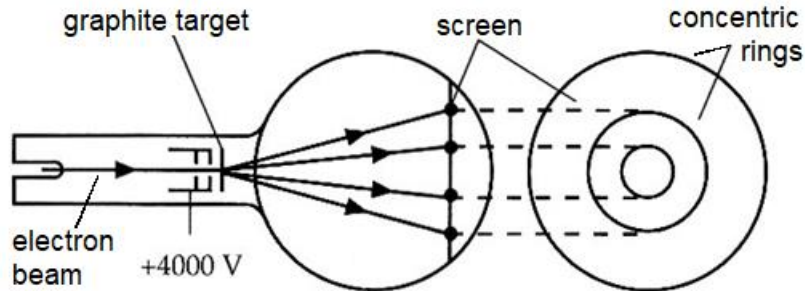


- 28 In an experimental setup, a beam of accelerated electrons strikes an extremely thin layer of polycrystalline graphite target and concentric rings are seen on the tube face as shown.



If the setup is modified such that instead of electron beam, a beam of protons strike the graphite target with the same speed, what can be observed on the screen?

- A The radii of the concentric rings decrease.
- B The radii of the concentric rings increase.
- C The radii of the concentric rings remain the same.
- D No rings appear can be seen

- 29 A radioactive source consists of a mixture of two isotopes P and Q