

**28** To initiate nuclear fission on a nucleus, a particle is usually needed to knock onto the nucleus. The particle is suggested to be a

- A** neutron since the mass is comparable to that of the nucleons.
- B** neutron since it has no electrical interaction with the nucleons.
- C** proton since there will be strong nuclear forces with the nucleons.
- D** proton since the mass is comparable to that of the nucleons.