

- 29** In the Rutherford α - particle scattering experiment, α - particles are directed at a thin gold foil.

Which is a direct deduction from the results of the experiment?

- A** The α - particles are negatively charged.
- B** The α - particles are positively charged.
- C** The atom consists of a large amount of empty space.
- D** The proton number of the gold nucleus is 79.

