

34 In α -particle scattering, α -particles are incident on a thin metal foil.

Which row describes results from the experiment and a conclusion that the results lead to?

	results	conclusion
A	most of the α -particles pass straight through the foil	most of the atom is empty space
B	most of the α -particles pass straight through the foil	the nucleus is very large
C	very few of the α -particles pass straight through the foil	most of the atom is empty space
D	very few of the α -particles pass straight through the foil	the nucleus is very large