

- 30** The deviation of  $\alpha$ -particles by thin metal foils through angles that range from  $0^\circ$  to  $180^\circ$  can be explained by
- A** scattering from free electrons.
  - B** scattering from bound electrons.
  - C** scattering from small but heavy regions of positive charge.
  - D** diffraction from the crystal lattice

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