

- 29** The photoelectric effect refers to the phenomenon that electrons may be ejected from a metal surface when light falls on the surface.

Which of the following statements about the photoelectric effect is correct?

- A** The maximum energy of the electrons is independent of the type of metal.
- B** The maximum energy of the electrons is independent of the intensity of the incident light.
- C** The waves associated with the electrons have the same wavelength as the incident light.
- D** Electrons are ejected only if the wavelength of the incident light is greater than some minimum value.

