

- 27** In the photoelectric effect, light falling on a metal surface causes electrons to be ejected from the surface.

Which statement is correct?

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