

**26** When a clean metal surface is irradiated with ultraviolet light of intensity  $I$ , electrons are emitted. When the intensity of the ultraviolet light is halved, which of the following happens?

- A** Electrons are no longer emitted
- B** Smaller number of electrons are emitted per second, with a lower maximum kinetic energy than before.
- C** Smaller number of electrons are emitted per second, each with the same maximum kinetic energy as before.
- D** Same number of electrons are emitted per second, each with the same maximum kinetic energy as before.