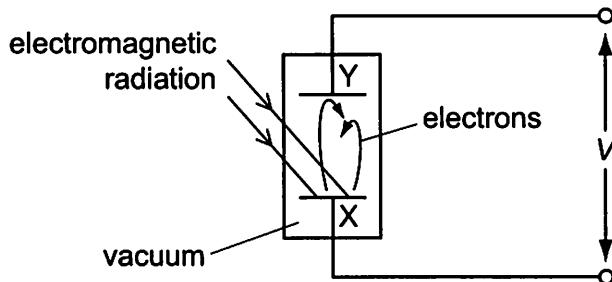
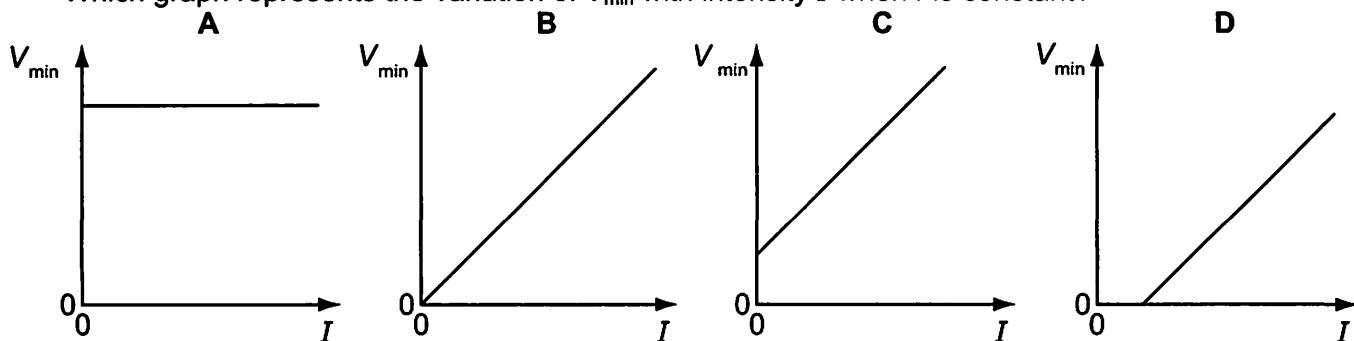


- 30 Electromagnetic radiation of frequency f and intensity I is directed onto a metal electrode X causing photoelectrons to be emitted. Some of these electrons reach electrode Y causing a current in the circuit.



A reverse voltage V_{\min} is applied so that the electrons are just prevented from reaching Y.

Which graph represents the variation of V_{\min} with intensity I when f is constant?



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