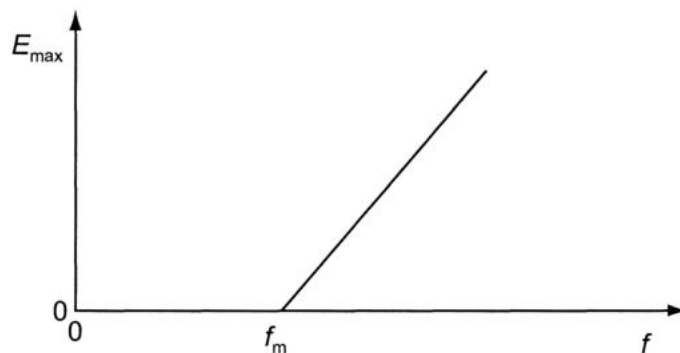


- 36 The graph shows the variation of maximum kinetic energy E_{\max} with frequency f , for photoelectrons emitted from the surface of a metal illuminated with electromagnetic radiation.



The metal is replaced with one that has a smaller work function.

Which line shows the variation of maximum kinetic energy with frequency for the new metal?

