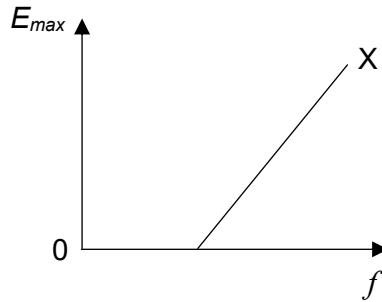


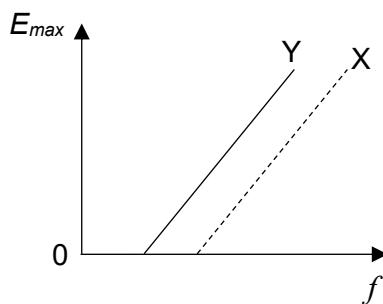
- 27 Light is incident on the surface of metal X so that it emits electrons. The variation with frequency f of the incident light of the maximum kinetic energy E_{max} of the electrons is given below.



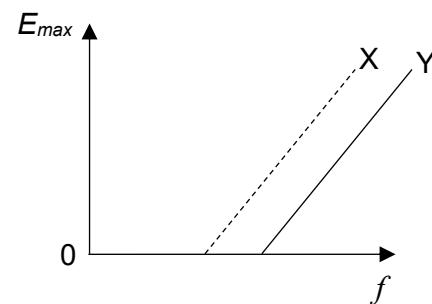
The experiment is repeated with a metal Y of a larger work function.

Which of the following shows the graph for Y?

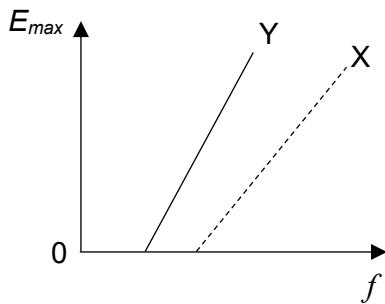
A



B



C



D

