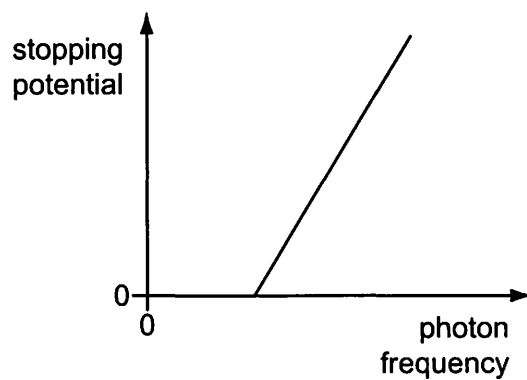30 The graph shows stopping potential of emitted electrons against incoming photon frequency for a certain metal surface.

What changes, if any, would occur in the graph for a metal of lower work function?

	gradient	x-intercept
A	higher	lower
B	lower	lower
C	same	higher
D	same	lower