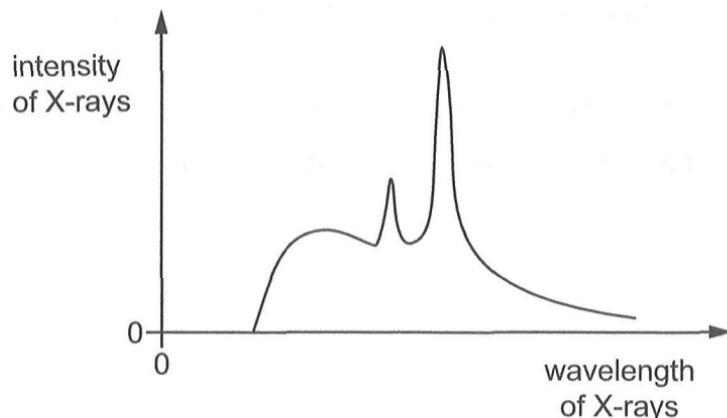


- 28 X-rays are produced when high speed electrons collide with a metal target.

The graph illustrates how the intensity of X-rays varies with their wavelength when the target is molybdenum.



Which feature of the X-ray graph must change when the maximum speed of the electrons changes?

- A maximum intensity
- B maximum wavelength
- C minimum wavelength
- D number of spikes

- 29 The Heisenberg position-momentum uncertainty principle is given by the relationship