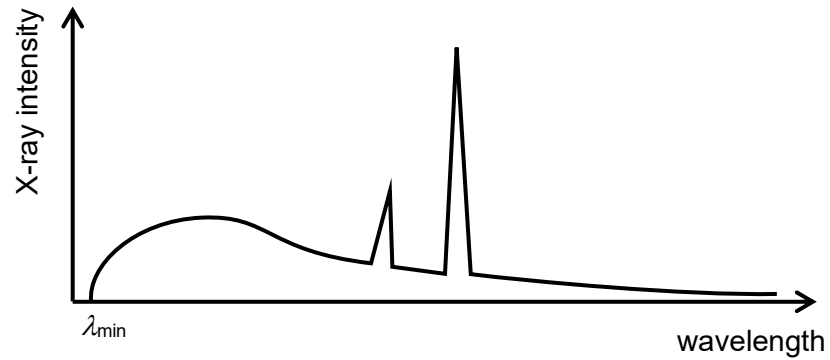


- 26** X-rays are produced when a beam of electrons, accelerated to a high speed by a potential difference, collides with a metal target.

The variation with wavelength of the intensity of the X-rays is illustrated in the diagram below.



Which feature of the X-ray graph remains unchanged when the accelerating potential changes?

- A** the wavelength  $\lambda_{\min}$
- B** the wavelengths at which the spikes occur
- C** the intensity of the spikes
- D** the intensity of the continuous spectrum