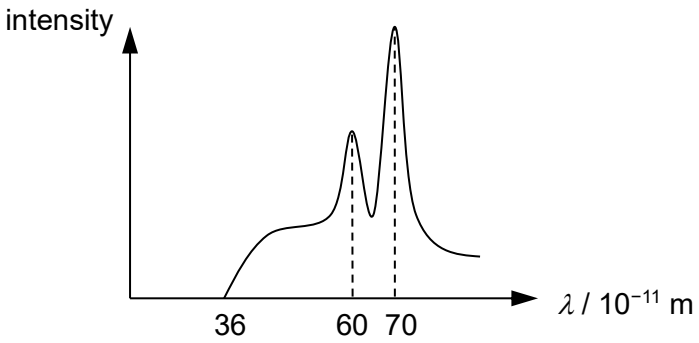
29 X-ray tubes generate X-rays by accelerating electrons across a vacuum and bombarding them into a metal target. The X-ray spectrum of a metal target is shown in the figure below.



Which of the following statements is incorrect?

A The smallest wavelength detected, 36×10^{-11} m, is dependent on the maximum kinetic energy of the electrons.

B The wavelength detected at 50×10^{-11} m is due to photon emitted as a result of energy loss when an electron passes near the atom and its path is deflected.

C The locations of the peaks can be used to identify the element that the target material is made of.

D The positions of the peaks allow us to calculate the energy of the electrons used to bombard the target.