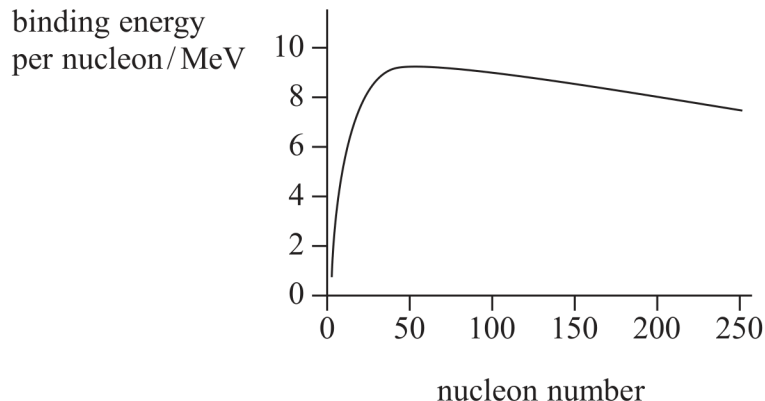


- 2 The graph shows how the binding energy per nucleon varies with nucleon number.



Which of the following conclusions is supported by this graph?

- ☒ A The total energy released is greatest when two low mass nuclei fuse.
- ☒ B The total energy absorbed is greatest when two low mass nuclei fuse.
- ☒ C The total energy released is greatest when a massive nucleus undergoes fission.
- ☒ D The total energy absorbed is greatest when a massive nucleus undergoes fission.

(Total for Question 2 = 1 mark)