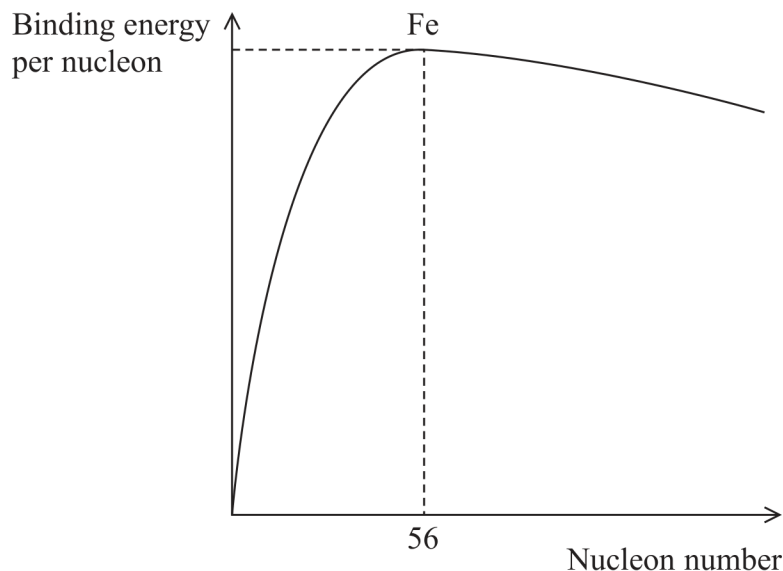


- 10 The graph shows how the binding energy per nucleon depends upon nucleon number for a range of naturally occurring nuclides.



Which of the following can be deduced from the graph?

- ☐ A ^{56}Fe readily undergoes fission.
- ☐ B Fission releases less energy than fusion.
- ☐ C High mass nuclei cannot undergo fusion.
- ☐ D Low mass nuclei release energy during fusion.

(Total for Question 10 = 1 mark)