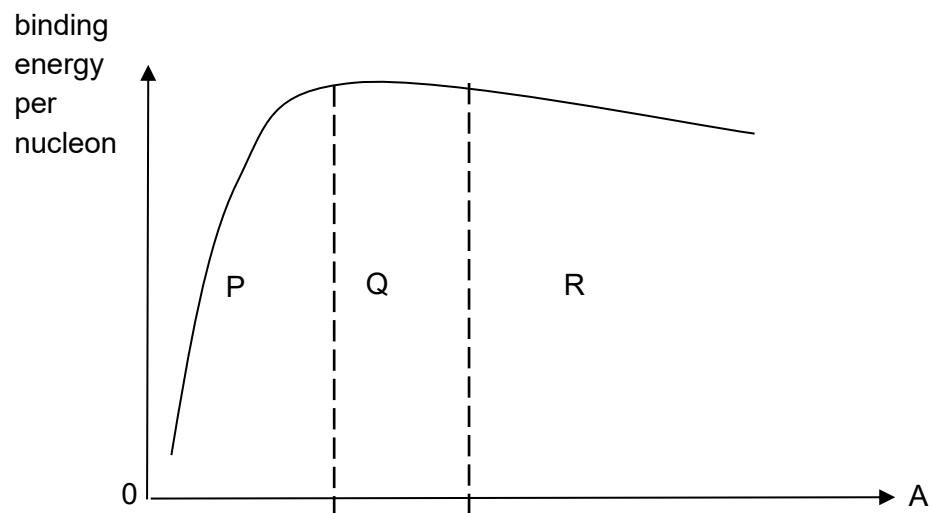


- 29** The graph shows how the binding energy per nucleon of a nucleus varies with nucleon number A .



Which one of the following statements is **not** true?

- A** Nuclei in region Q are more stable than nuclei in region R.
- B** Nuclear fusion reactions bring nuclei in region P closer to region Q.
- C** Energy is released in nuclear fission reactions from nuclei in region P.
- D** The binding energy per nucleon increases most significantly at lower nucleon numbers.