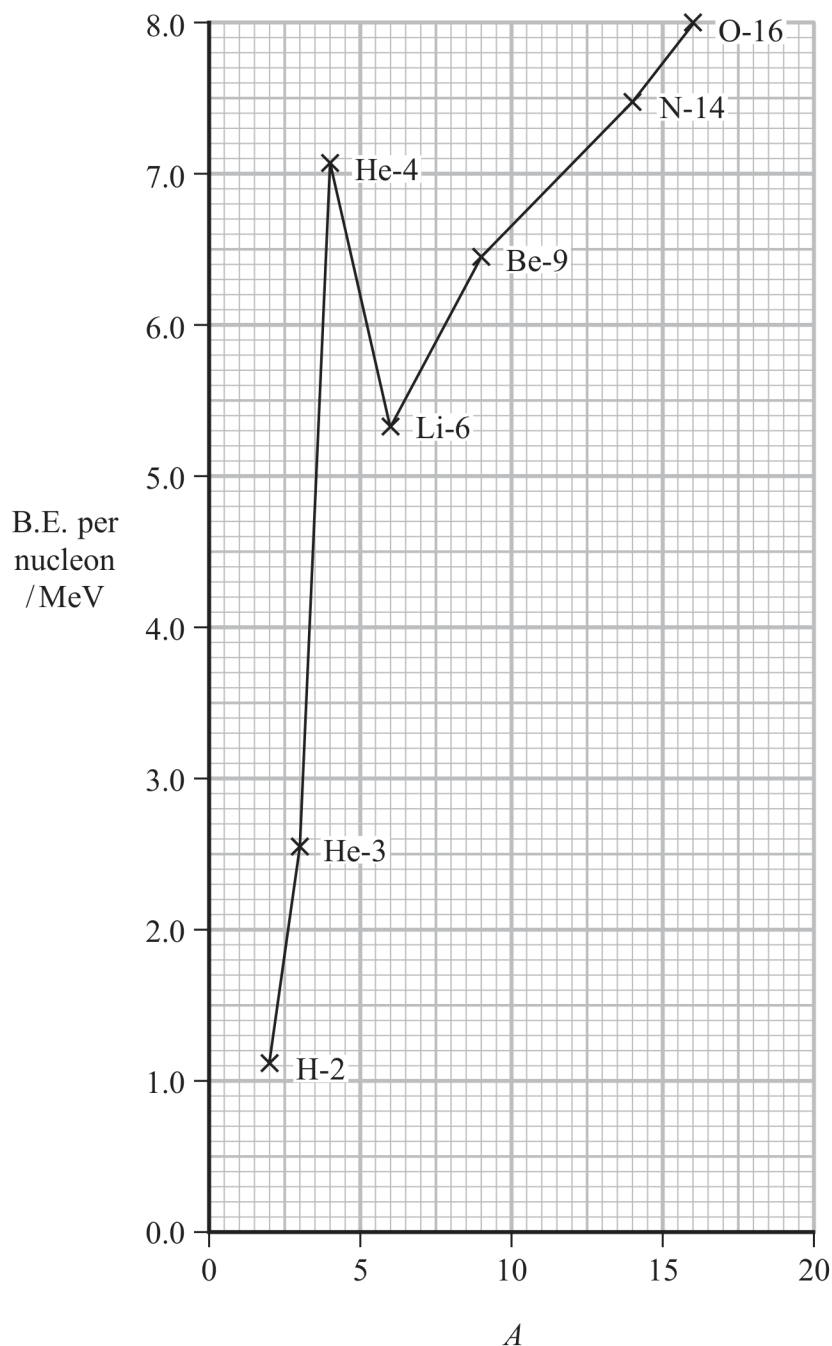


- 7 The graph shows how the binding energy (B.E.) per nucleon varies with nucleon number A for low mass nuclei.



Which of the following is the energy required to split a He-4 nucleus into 2 protons and 2 neutrons?

- ☐ A 2.6 MeV
- ☐ B 7.1 MeV
- ☐ C 14.2 MeV
- ☐ D 28.4 MeV

(Total for Question 7 = 1 mark)

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