

39 The nucleus Z has the notation ${}^y_x\text{Z}$.

The mass defect of this nucleus is Δm .

What is the binding energy per nucleon of the nucleus?

A $\frac{\Delta m}{x}$

B $\frac{\Delta m}{y}$

C $\frac{c^2 \Delta m}{x}$

D $\frac{c^2 \Delta m}{y}$