

Binding energy problem

1. Calculate the binding energy for Lithium (${}^6\text{Li}$, $Z = 3$) in MeV.

$$m_{\text{N}} = 1.008665 \text{ u}$$

$$m_{\text{p}} = 1.007825 \text{ u}$$

$$m_{\text{Li}} = 6.015121 \text{ u}$$

$$1 \text{ u} = 1.660539 \times 10^{-27} \text{ kg}$$