

86. From Appendix F and/or G, we find $Z = 107$ for Bohrium, so this isotope has $N = A - Z = 262 - 107 = 155$ neutrons. Thus,

$$\Delta E_{\text{ben}} = \frac{(Zm_{\text{H}} + Nm_{\text{n}} - m_{\text{Bh}}) c^2}{A} = \frac{((107)(1.007825 \text{ u}) + (155)(1.008665 \text{ u}) - 262.1231 \text{ u}) (931.5 \text{ MeV/u})}{262}$$

which yields 7.3 MeV per nucleon.