

2014 T3 Wk 3

Binding Energy and Stability

# Terms Recap

- Binding Energy per nucleon =  $\text{Binding Energy} / \text{Nucleon Number}$
- The graph shows the binding energy per nucleon against nucleon number.
- Elements with a high binding energy per nucleon are very difficult to break up.
- Iron 56 is close to the peak of the curve and has one of the highest binding energies per nucleon of any isotope.



