

(7) Today

2.3 Periodic Properties

3.1 Lewis Structures

(9) Second Class from Today

3.1.2 Expanded Octets 3.1.4 Failure of Lewis Structures to Predict Unusual Cases

3.2 VSEPR

Next Class (8)

3.1 Lewis Structures

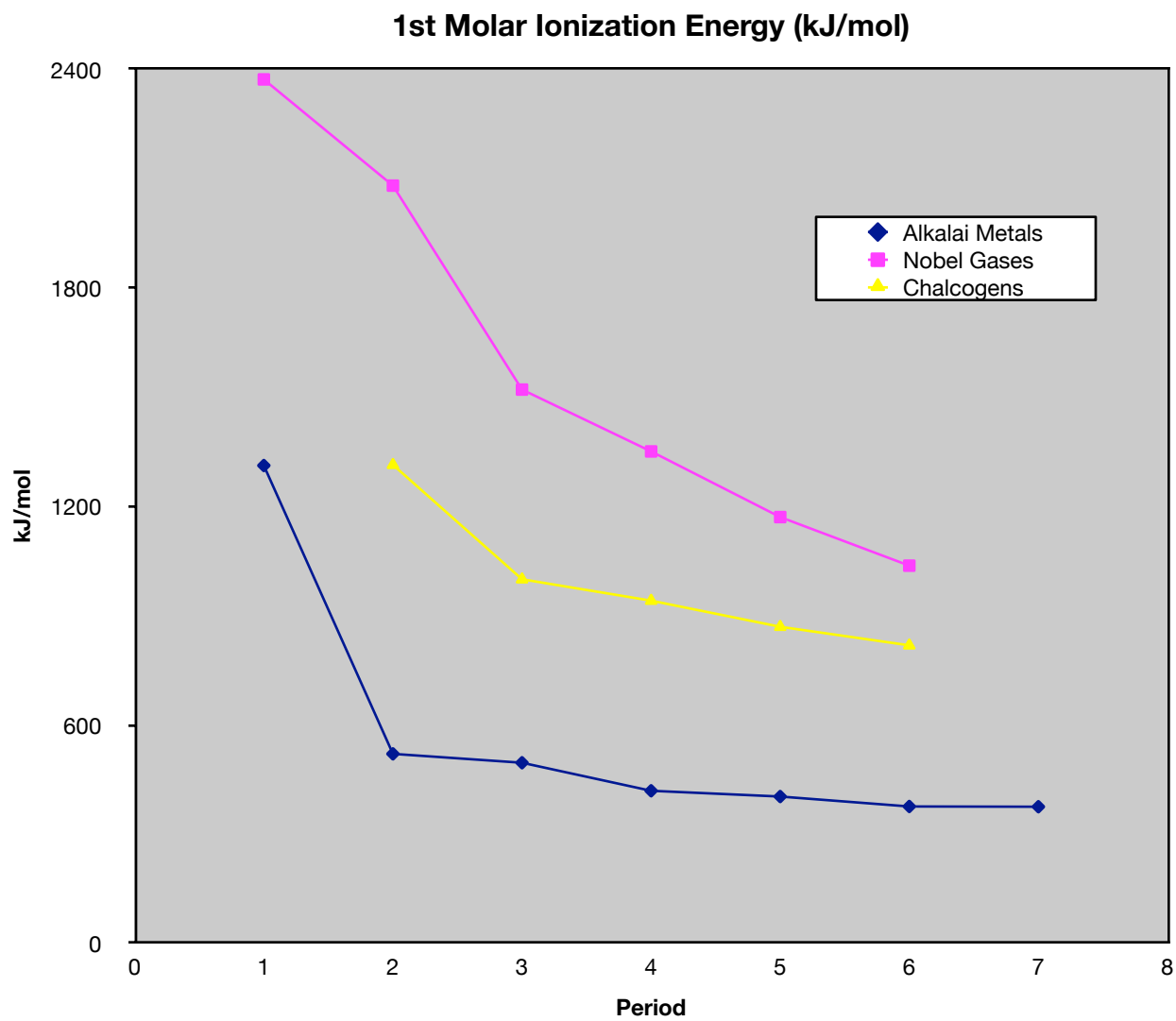
3.1.1 Resonance and 3.1.3 Formal Charge

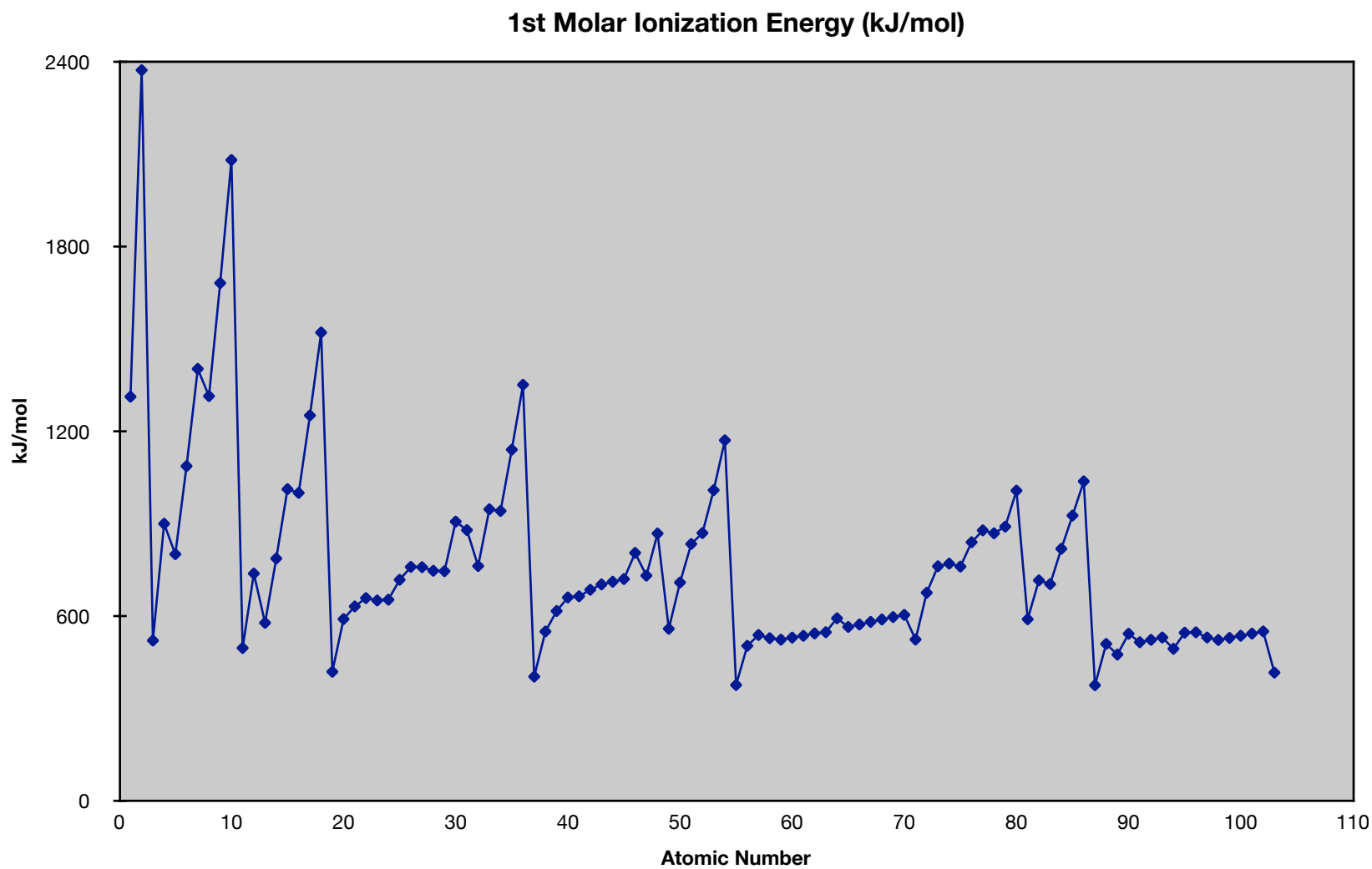
3.1.2 Expanded Octets

Third Class from Today (10)

3.2 VSEPR

3.3 Molecular Polarity

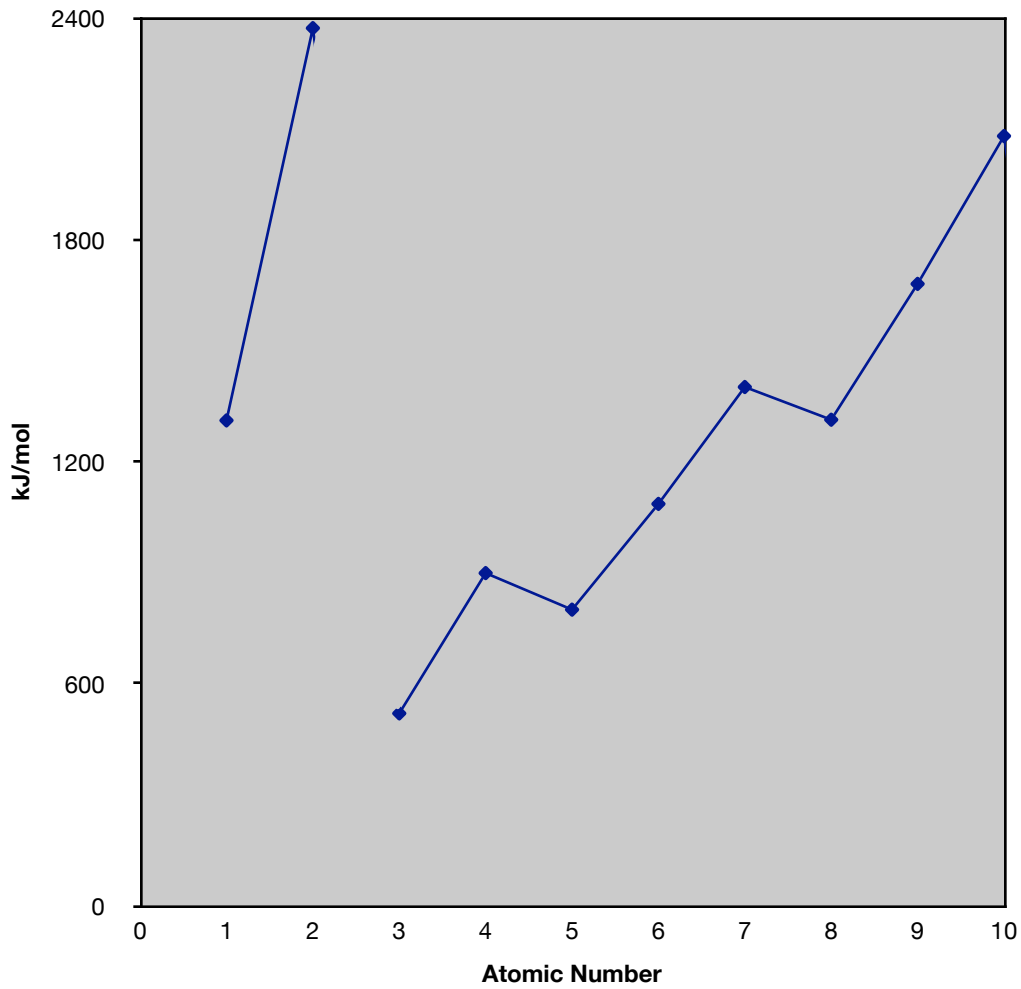




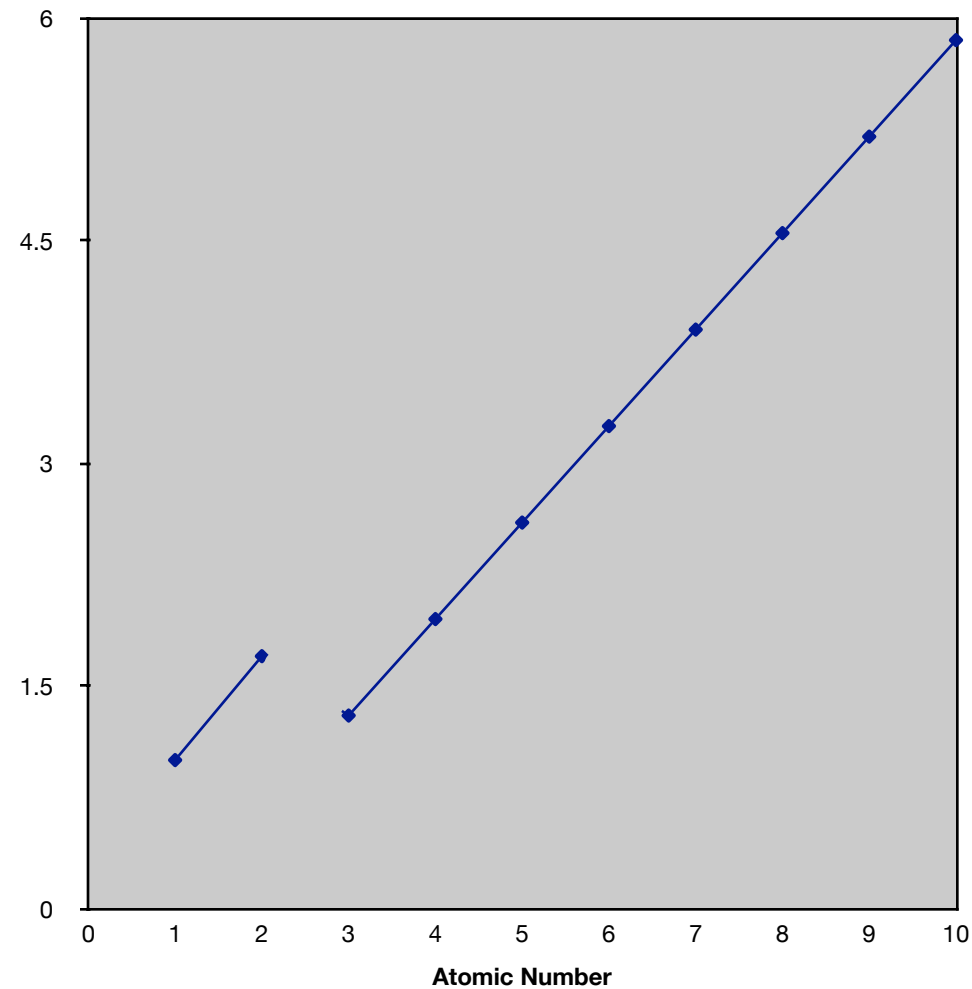
Periodic Trends: Ionization Energy

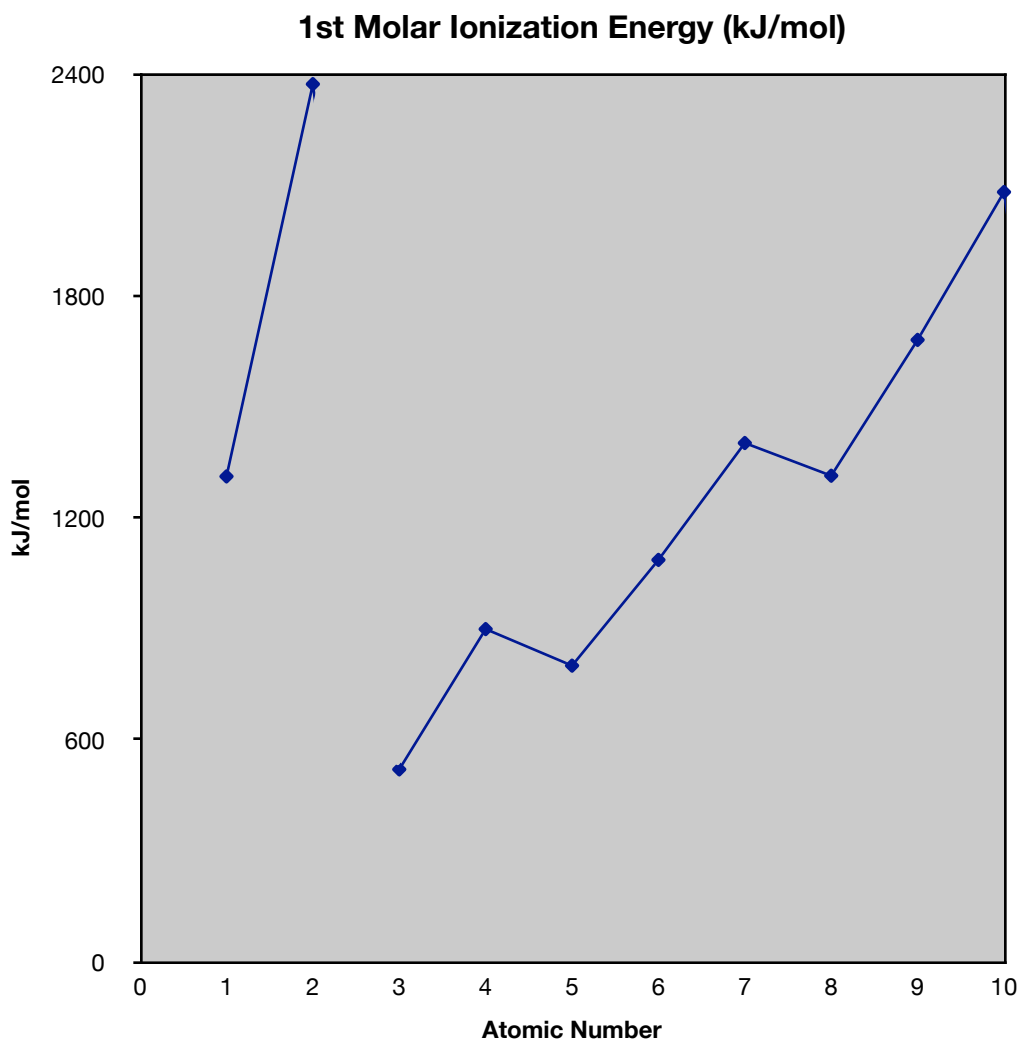
Section 2.3.1

1st Molar Ionization Energy (kJ/mol)

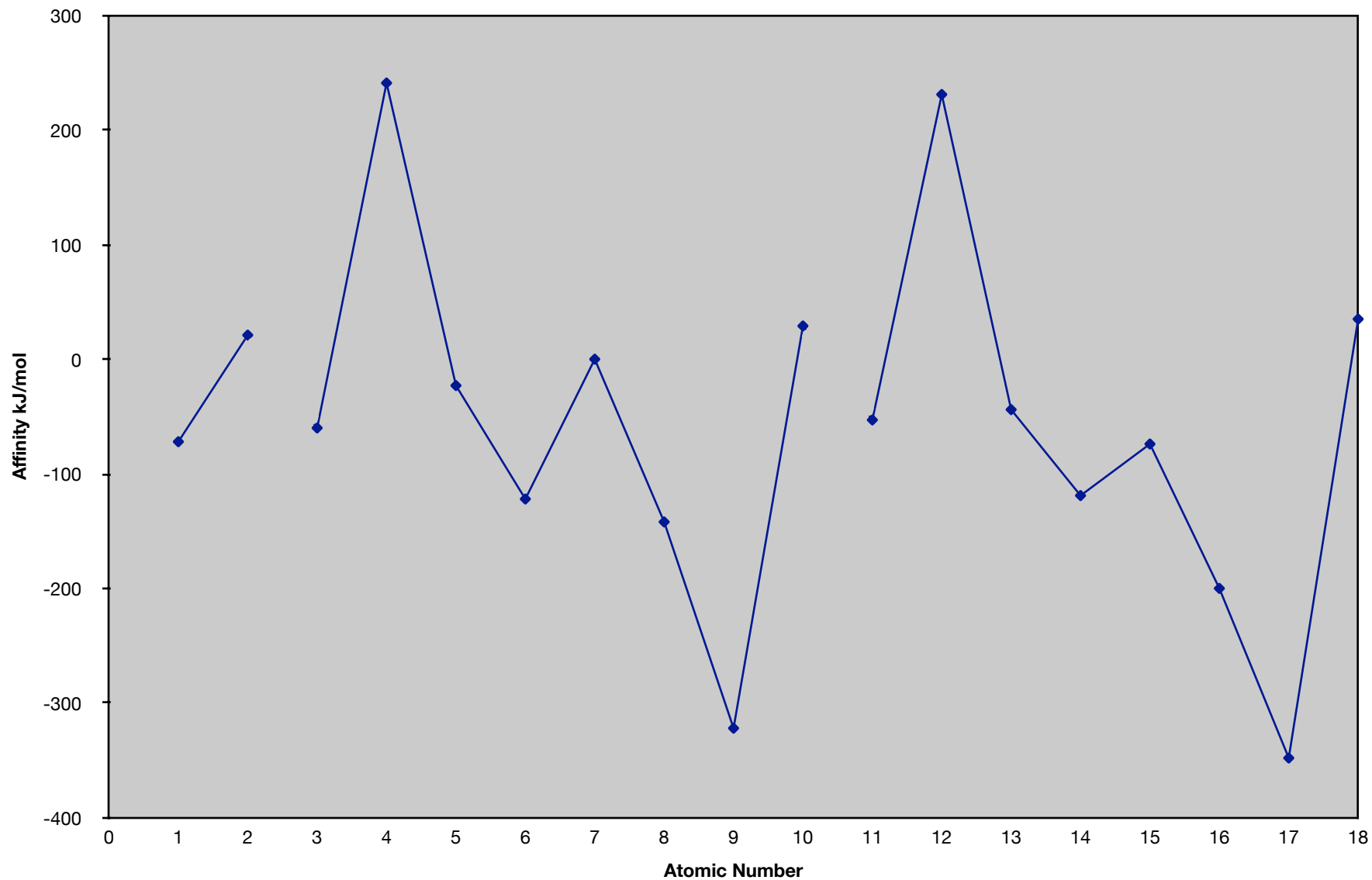


$Z_{\text{eff}} = Z - S$





Electron affinities



Electron affinities

