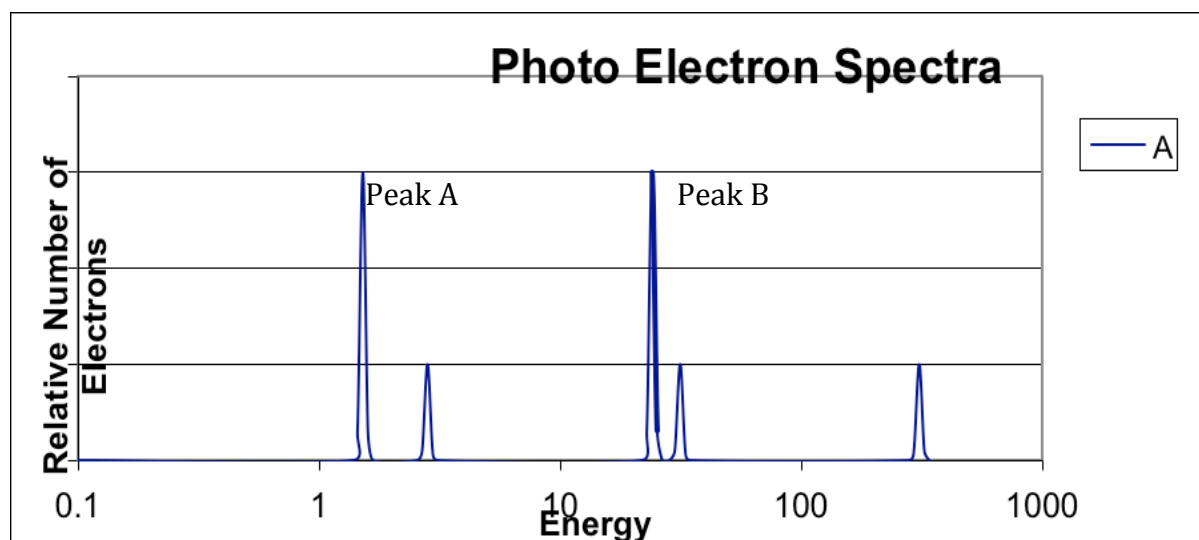


## PES

1. Consider the PES data shown below
  - a. Write the electron configuration
  - b. Identify the element
  - c. Explain why peak A and peak B are at different places on the x-axis



2. Below you will find the PES for Lithium. On this graph
  - a. Sketch the expected curve(s) for helium
  - b. Sketch the expected curve(s) for boron

