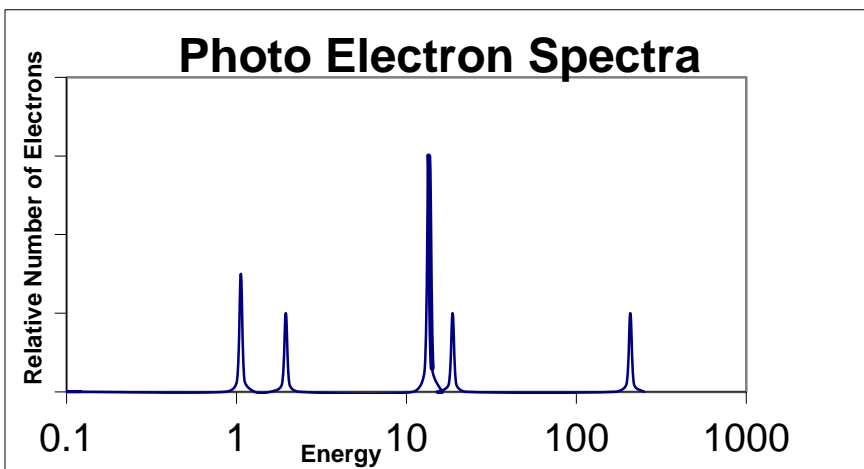


Reviewing PES

Identify the element associated with the PES graph. Remember the Y axis is the “relative number of electrons” (meaning the y-axis marks might not mean 1,2,3 electrons, etc.)

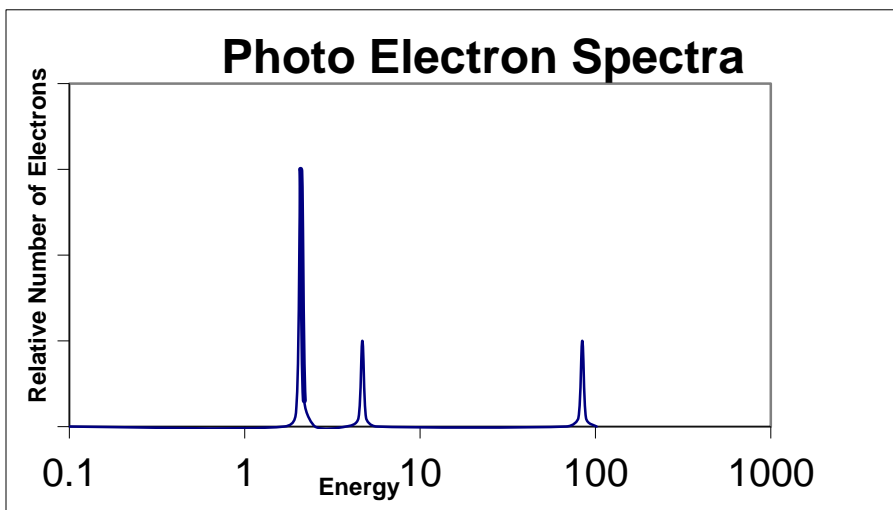
Element:

Electron configuration:

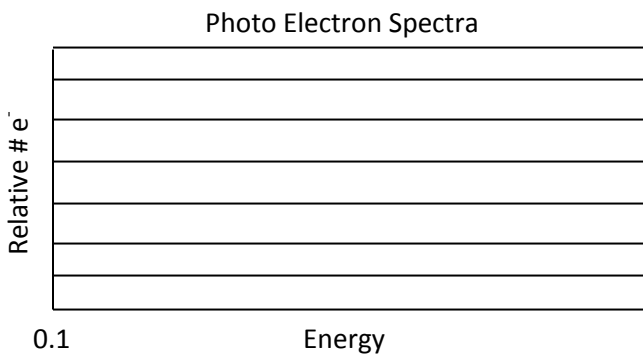


Element:

Electron configuration:

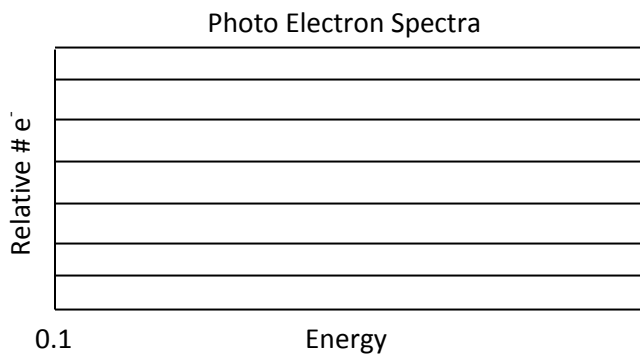


Draw PES graphs of the following elements. Remember that the energy values are not is what is important, but don't forget about spacing between different energy levels vs. different sublevels (orbitals).



Element: Boron

Electron configuration:



Element: Sulfur

Electron configuration: