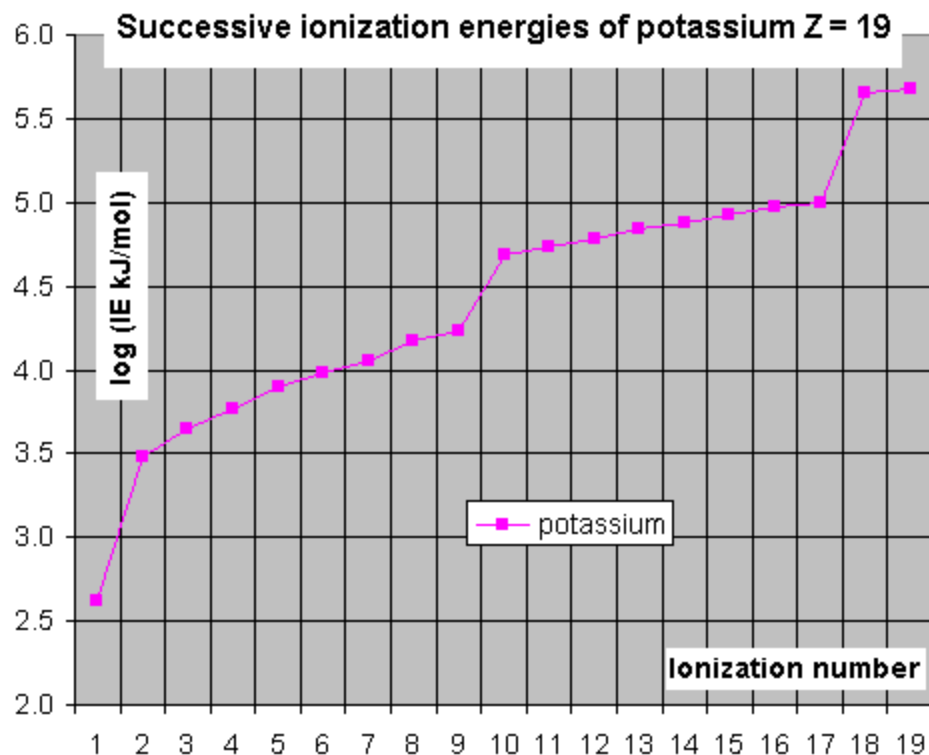


What is going on in this graph?

What patterns do you notice when you look at the elements with the highest ionization energies. (Hint look at their location on the periodic table).

What patterns do you notice when you look at the elements with the lowest ionization energies. (Hint look at their location on the periodic table).



What is the letter Z referring to?

What is going on in this graph?

Draw a Bohr Diagram for Potassium (K).

How many valence electrons does Potassium have?

Why do you think the first electron is so easy to remove (lowest energy on the graph)

Why do you think that the second electron is so much more difficult to remove?

Why is there a big jump in energy between the 9th and 10th ionization energy?