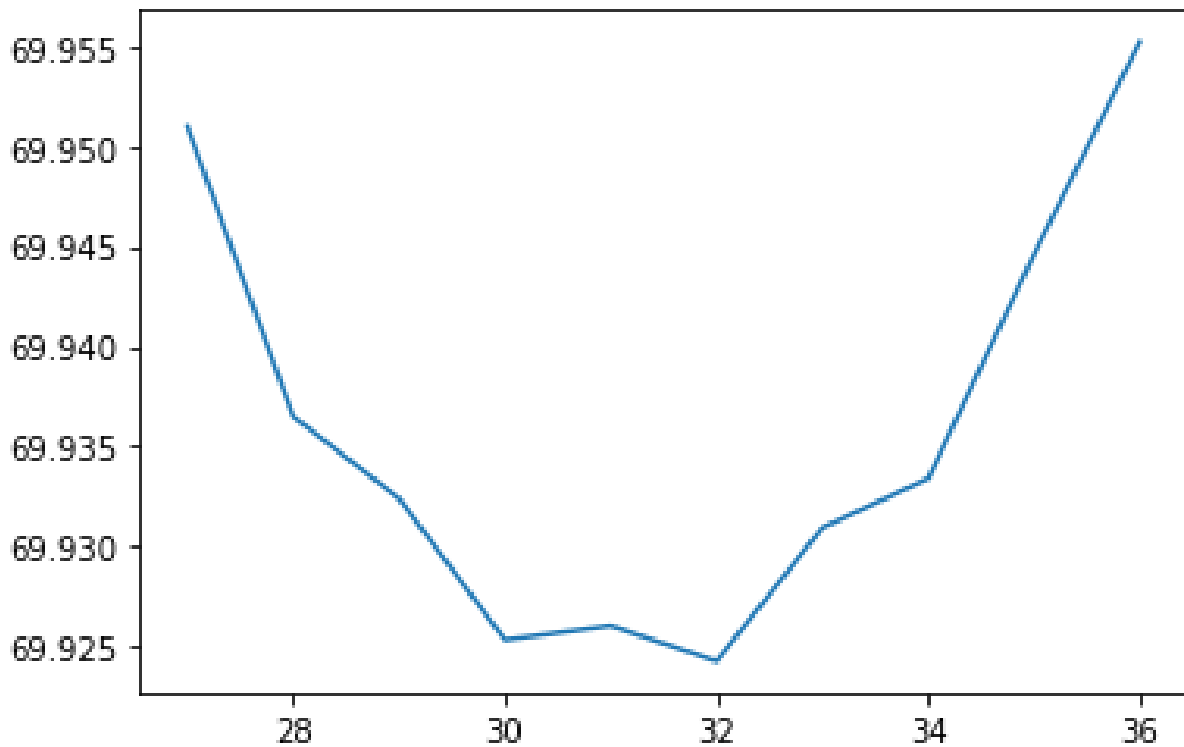


Joseph Specht

Quiz 5

1)



2) The equation predicts the Z to be 35.269 which is higher than the values from the graph.

3) This tells us the binding energies start out low on each end (36 and 27) and then, in a parabola shape, tend to increase as you get towards 31.

4) It is interesting that the middle of the graph, Ga-31, has a lower binding energy than each of the isotopes immediately surrounding it.