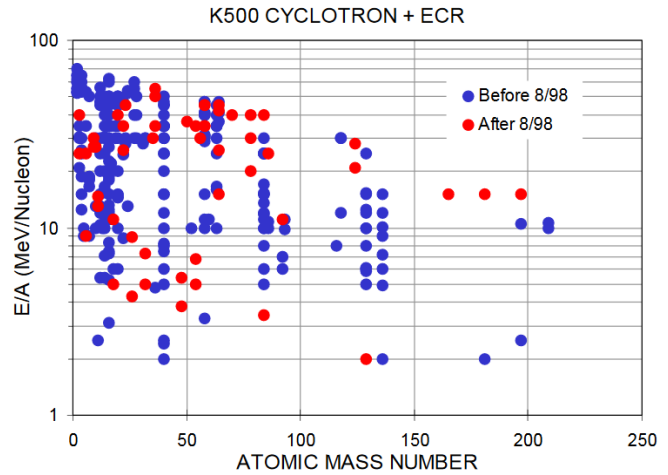


Names: _____

Group Activity 19

Due: In class, November 28th

- Consider the stable ion beams that have been run with the Texas A&M K500 cyclotron. What charge-state must they be achieving with their ECR ion source for $^{210}_{82}\text{Pb}$



- Consider the decays below, ignoring the presence of background radiation. For which case(s) would you rather use an NaI detector or an HPGe detector and why?

