So, for the Ge Detector Model, I have finalized the model with every detail that we have discussed. The files include 10 different configurations with sources at 1 cm and 18 cm (top, bottom, left, right, center). I have also included the lead case with the detector at the correct position but it may be a good idea to double check my numbers on those. The models have a single Cs-137 source of 661 KeV energy with a Mylar cylinder underneath to represent the source case. You will need to modify that commented cylinder entry and the source location if anyone wants to alter where the source is placed. In regards to the data coming out, I have still been having trouble with the data matching the simulated model. The ratios between the model and the data are still ranging from 1-1.5. I still don’t know if this is due to positioning accuracy of the sources, because I was never able to re-machine that source holder, but I suspect this is the case. I have now also included the total efficiency comparison and these number are similar to the peak efficiency ratios with the 18-cm data being closer to the model. Let me know if you need me to do anything else.

* Will Kable, Jun11, 2017