

- Did the group measure everything and use the available equipment to center the apparatus (The alignment & the dimensions are important)
- Did they take data symmetrically (I.e. do they understand the concept of "averaging" for this experiment)
- Do their rates make sense? did they check? (assuming a 5-10% efficiency for the detector is pretty good)
- Did they do anything to determine background or may be even accidental coincidences?
- Were the data taking times long enough so that statistical errors are minimized (I.e. did they use time wisely)
- did the group write things down?