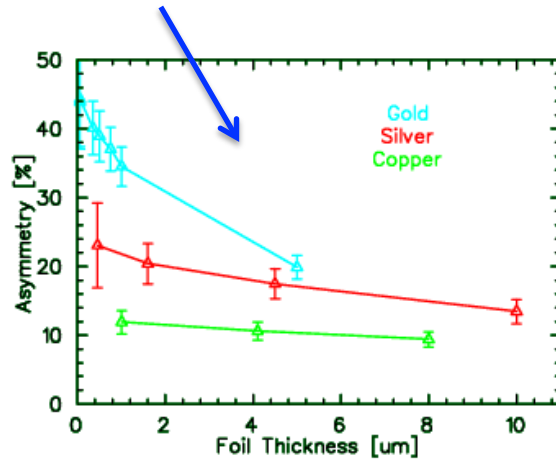
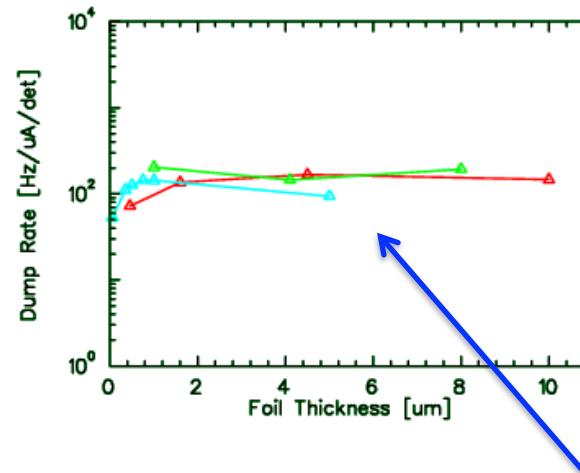
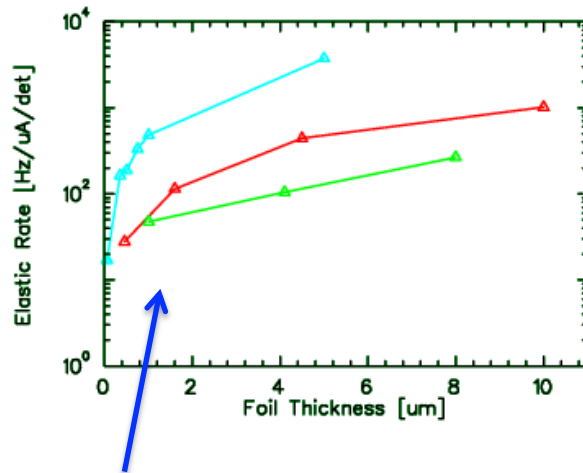
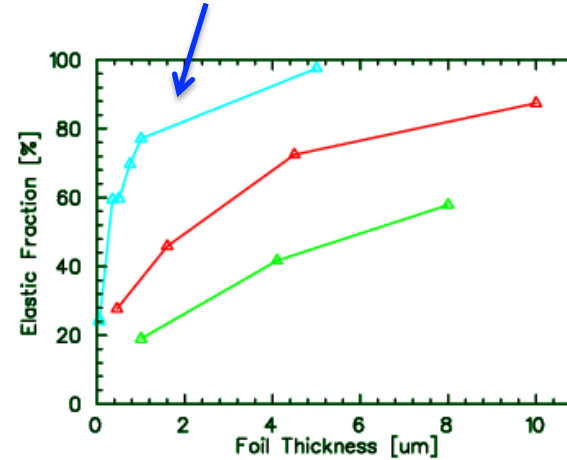


Feb. 16-18, 2014 - Short runs of Au, Ag, Cu used to determine high statistics conditions

Asymmetry scales like Z



Need to suppress small-t dump events



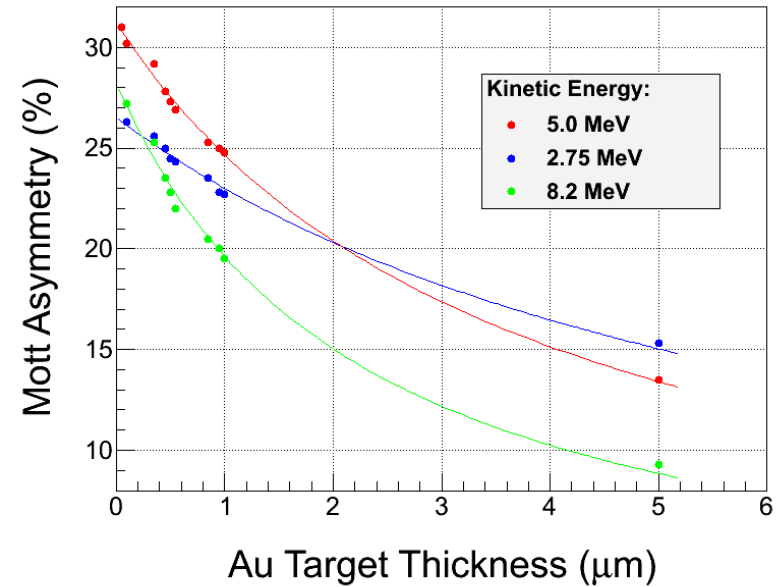
Scattering rate scales like Z(Z+1)

Dump rate ~ 100 Hz/uA/det

Plan...???

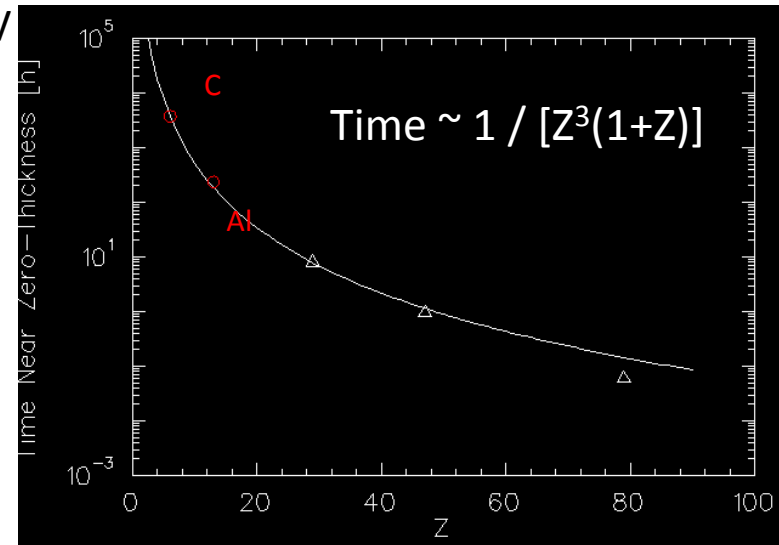
Measurement #1 – Model of S_{eff} @ 1% level

- 14 foils of Au @ 3, 5, 8 MeV
- DAQ @ 2kHz is sufficient



Measurement #2 – Theory test on (Z,E) dependence

- 7 foils of Au to determine polarization @ 5 MeV
- 7 foils of Al @ 3, 5, 8 MeV to test theory ?
- Need higher current ...
- DAQ at a higher rate, e.g. >10 kHz ???



To-Do

1. Dan continue analysis summary of Spring 2014 results
2. Marty use Spring 2014 gold data at 5 MeV to benchmark against model
3. Are systematics under control – instrumental asymmetry sometimes large ?
4. Update runtime estimate using Spring results, deciding on a limit from dump
5. Vent/configure a ladder of 14 Au, evenly spanning target thickness
6. Characterize/determine if cryo unit @ 4K suitable, how different than @ 2K
7. Discuss with Arne how to take the Au @ 3, 5, 8 MeV