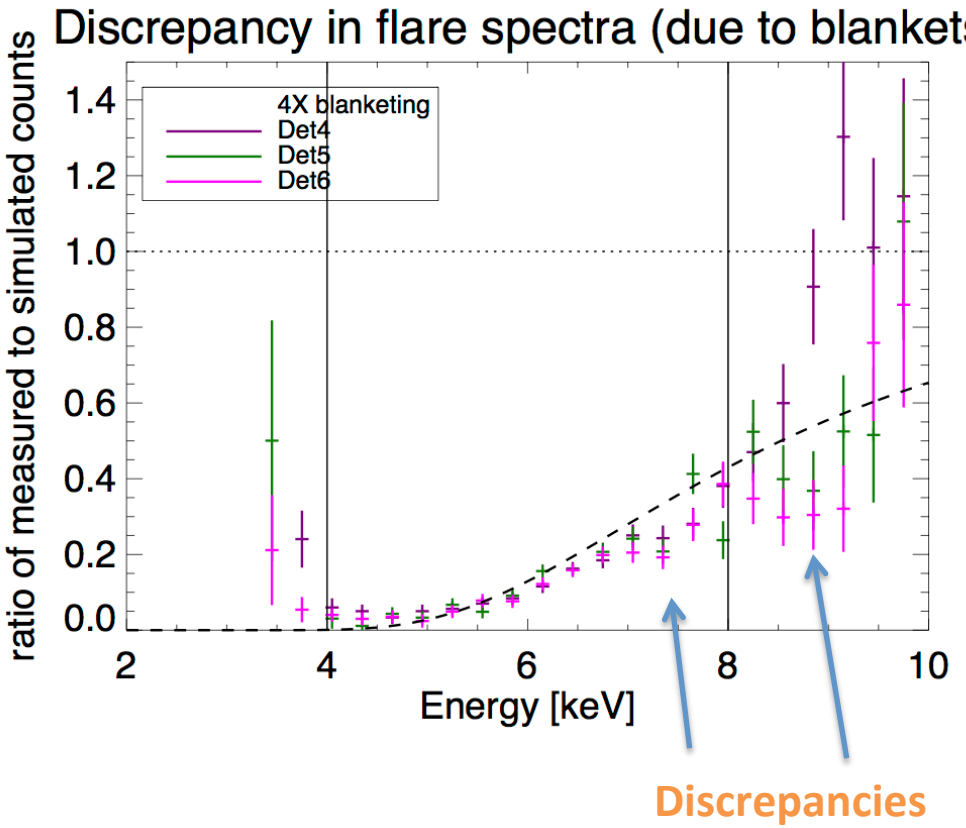
FOXSI blanketing characterization, continued…

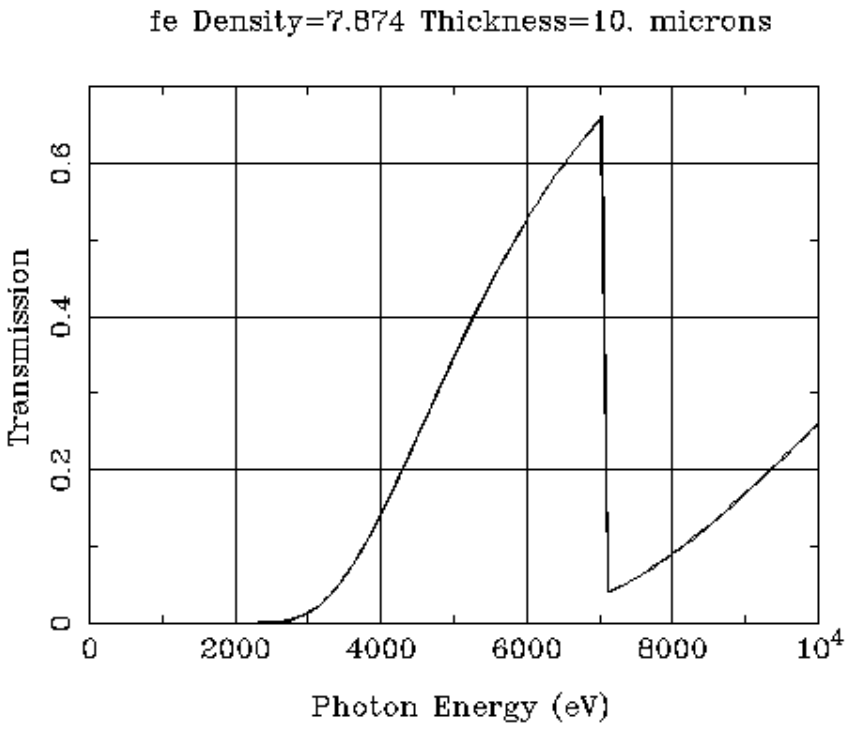
March 20, 2013

Flare spectra ratios, 3 “best” detectors

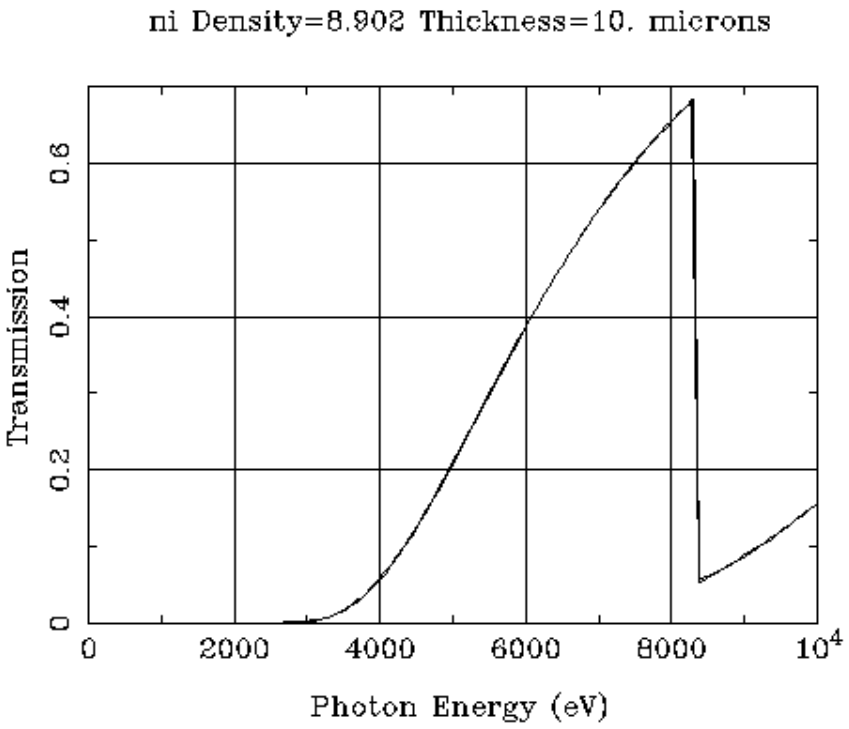
- Only correction: curves are translated vertically so that min=0.
- Vertical bars are fit intervals (not used here)
- Dashed line is expected curve for 4x extra blanketing



Other materials in path?

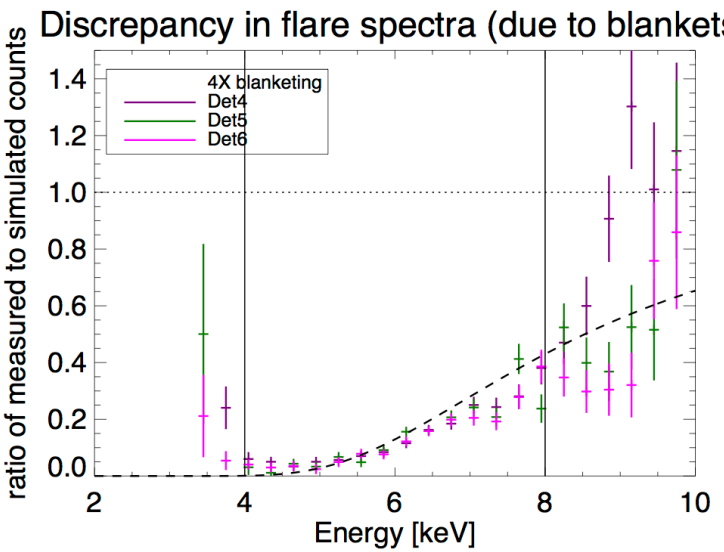


Iron edge 7.05 keV

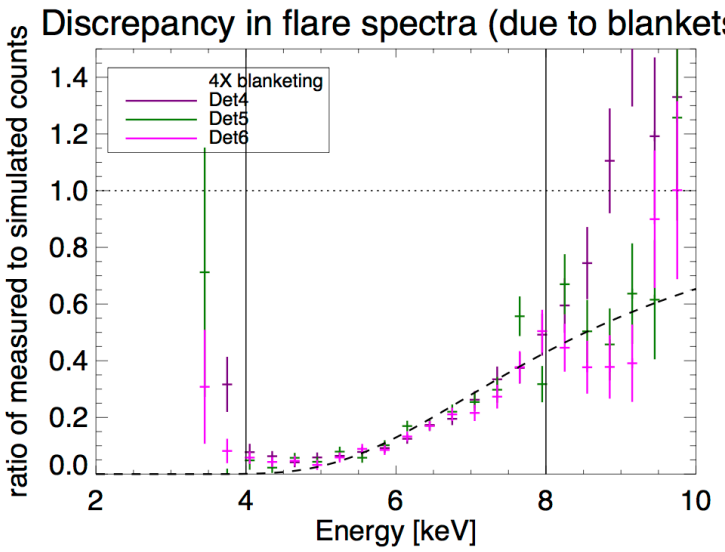


Nickel edge 8.26 keV

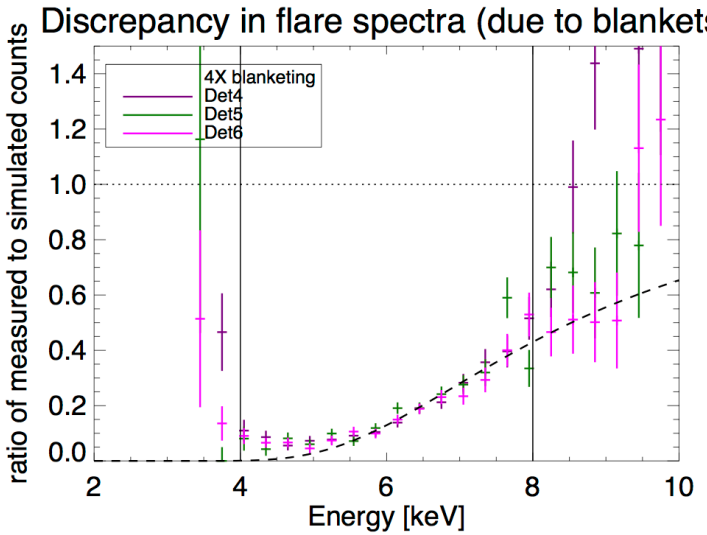
Add in some metals…



Add in 1um Fe



Add in 1um Ni



Conclusion:
We need to figure out what's in our blankets!
(or other payload parts)