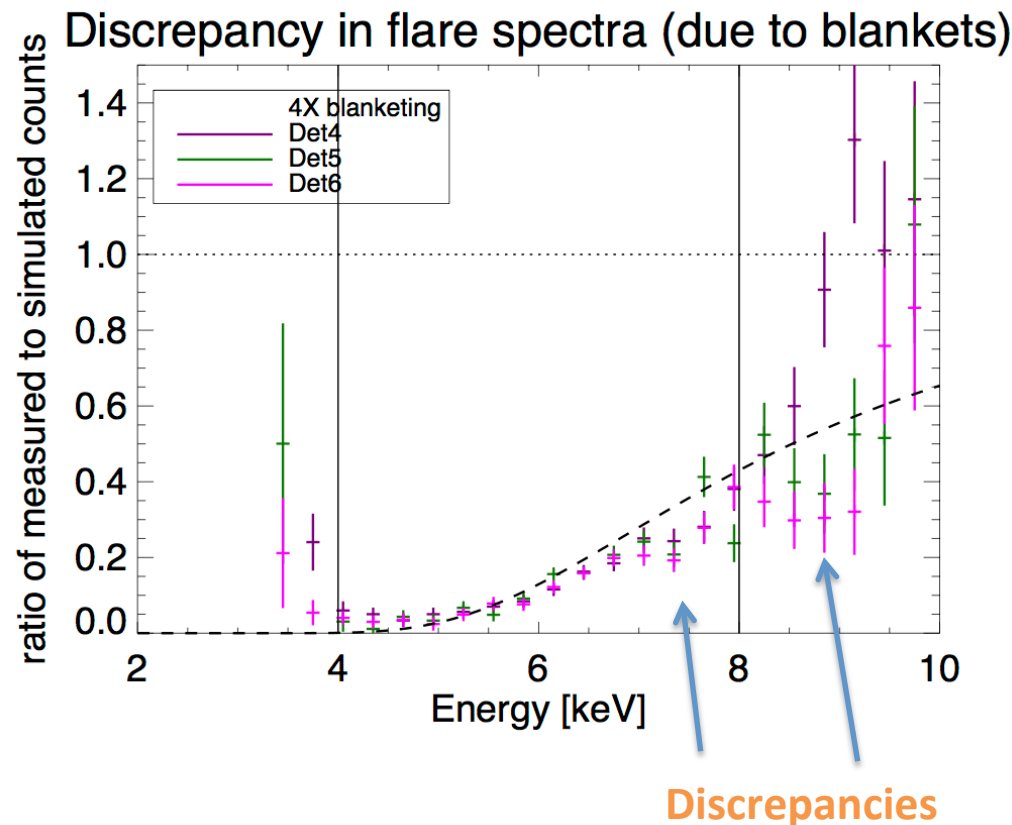


FOXSI blanketing characterization, continued...

March 20, 2013

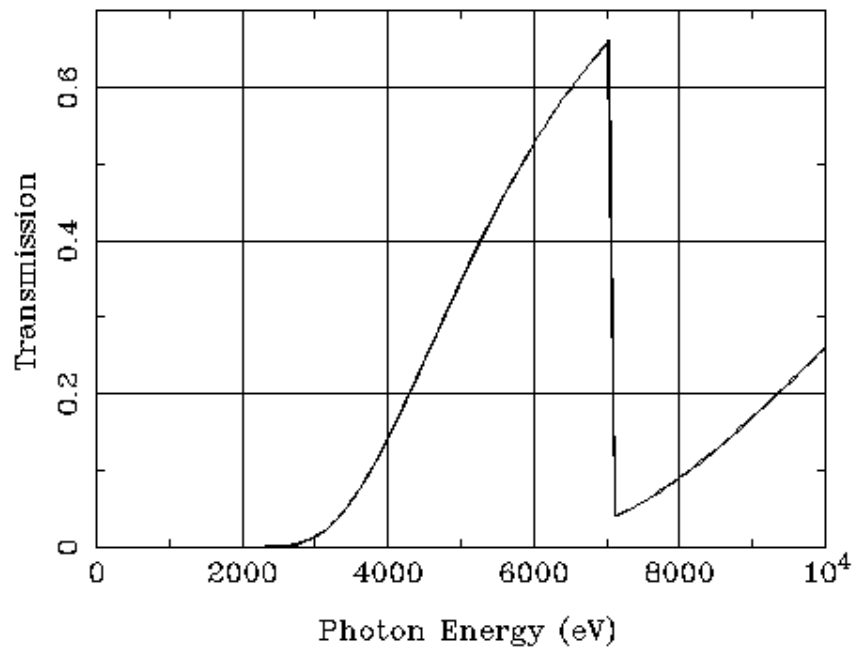
Flare spectra ratios, 3 “best” detectors

- 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



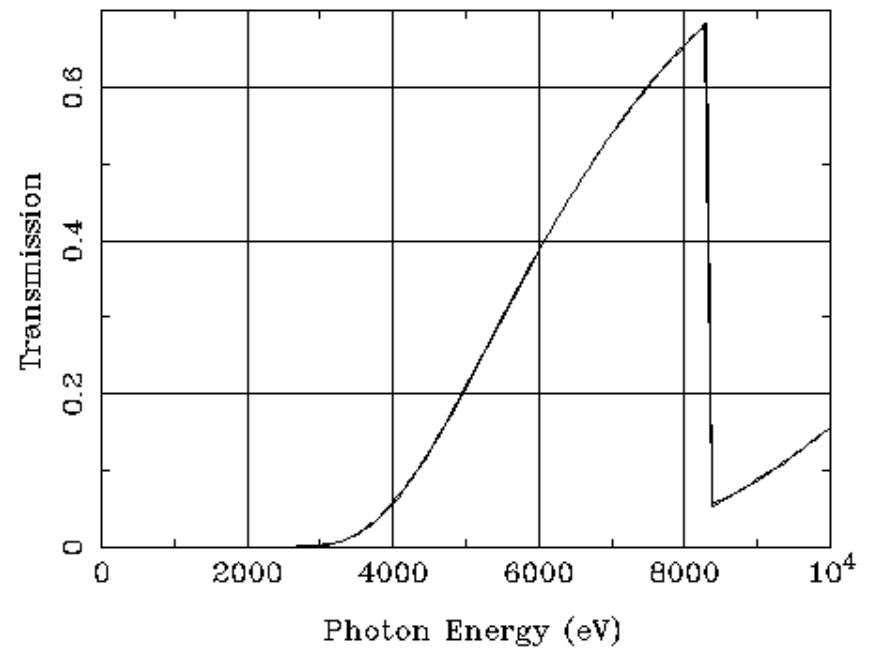
Other materials in path?

fe Density=7.874 Thickness=10. microns



Iron edge 7.05 keV

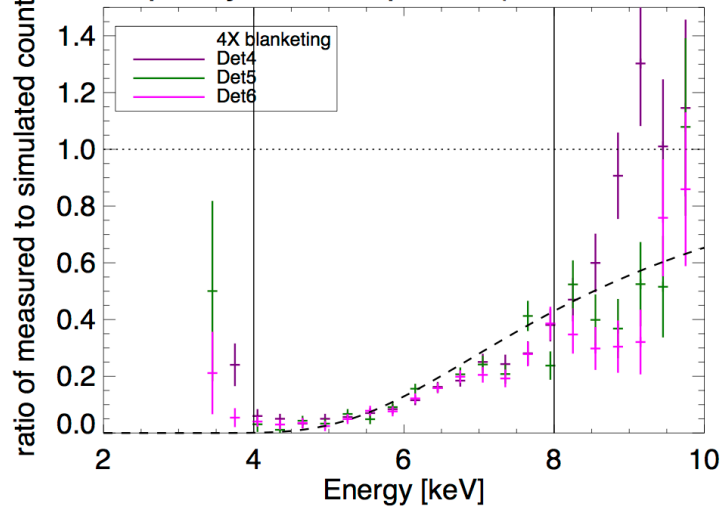
ni Density=8.902 Thickness=10. microns



Nickel edge 8.26 keV

Add in some metals...

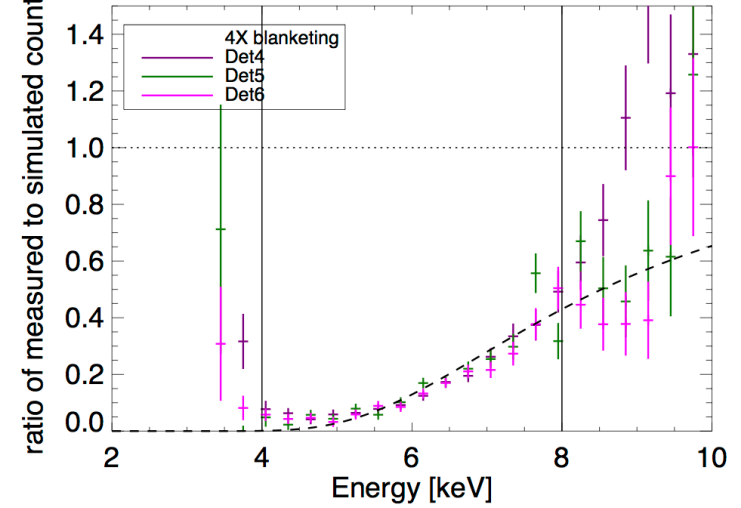
Discrepancy in flare spectra (due to blankets)



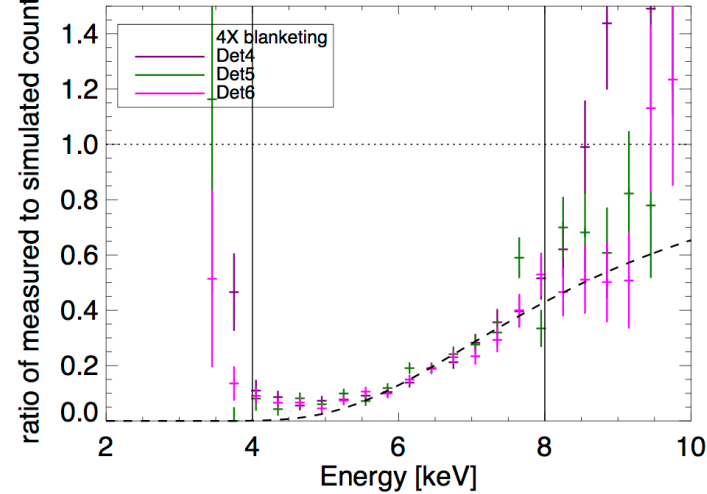
Add in 1 μ m Fe



Discrepancy in flare spectra (due to blankets)



Discrepancy in flare spectra (due to blankets)



Add in 1 μ m Ni



Conclusion:

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