

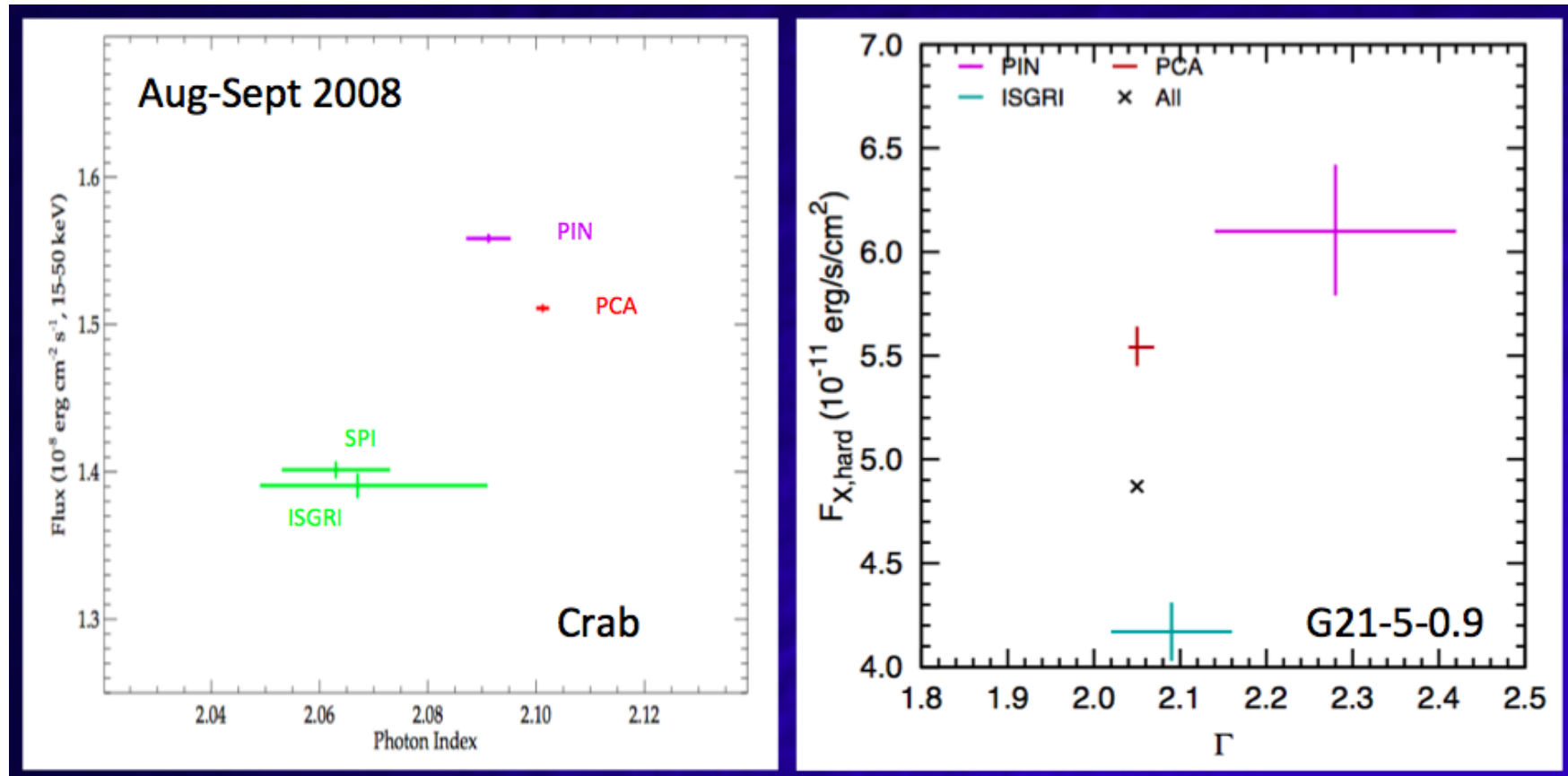
Synopsis of cross-calibration status

Matteo Guainazzi

ESAC-ESA

Crab vs G21.5 in the hard band

15-50 keV

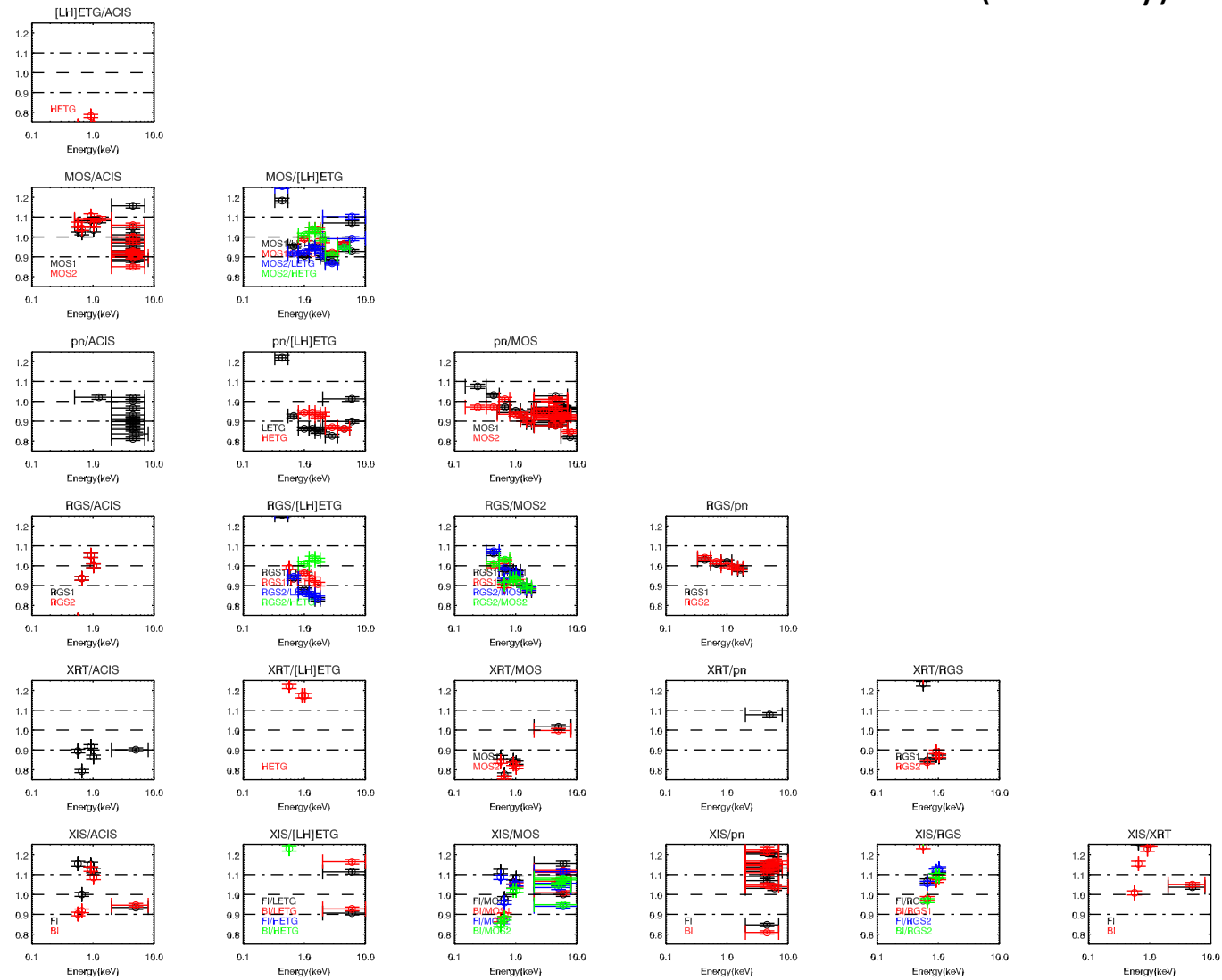


Epoch E

Results are **broadly consistent** with the Tsujimoto et al. 2010 paper

Sources:

- IACHEC papers (2xGalaxy Clusters, PKS2155-304, G21.5-0.9)
- XMM-Newton/Chandra blazars cross-calibration study (Smith)
- 1E0202.72 line normalizations (Plucinsky)



What to do?

- **Ignore and (better) document**
 - Update the published results and put them in the next version of the IACHEC report
- **Fix**
 - Sit together, and see if we can modify our calibration to include the cross-calibration status (Guainazzi, Sembay et al. 2012: https://wikis.mit.edu/confluence/download/attachments/61572873/Cross_calibration.txt)
- **Fudge**
 - Spline the difference and provide the spline to the community (Marshall's approach)