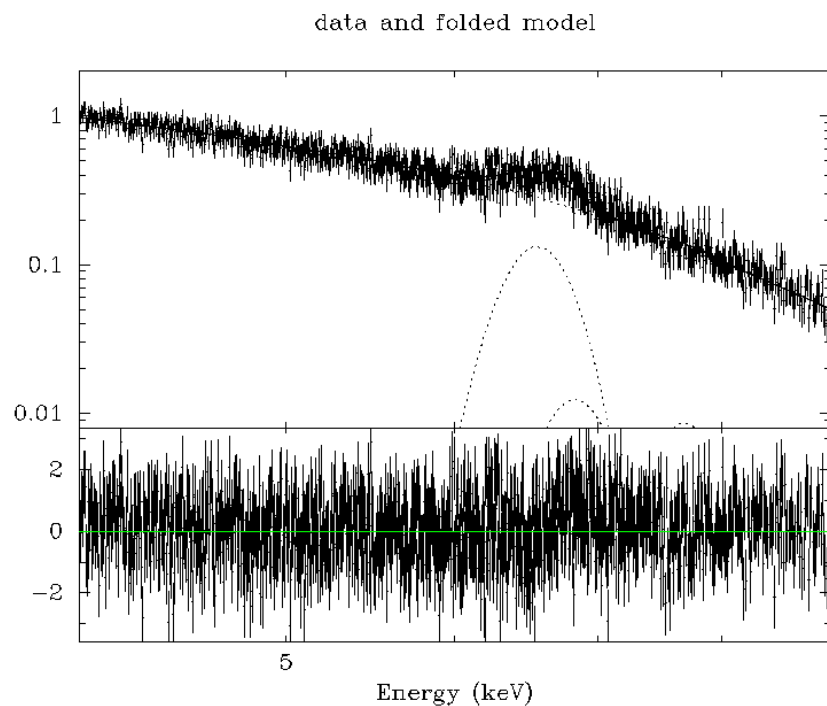


Release note: Update of the XIS P-sum mode calibration

New makepi files -> ae_xi?_makepi_20160607.fits

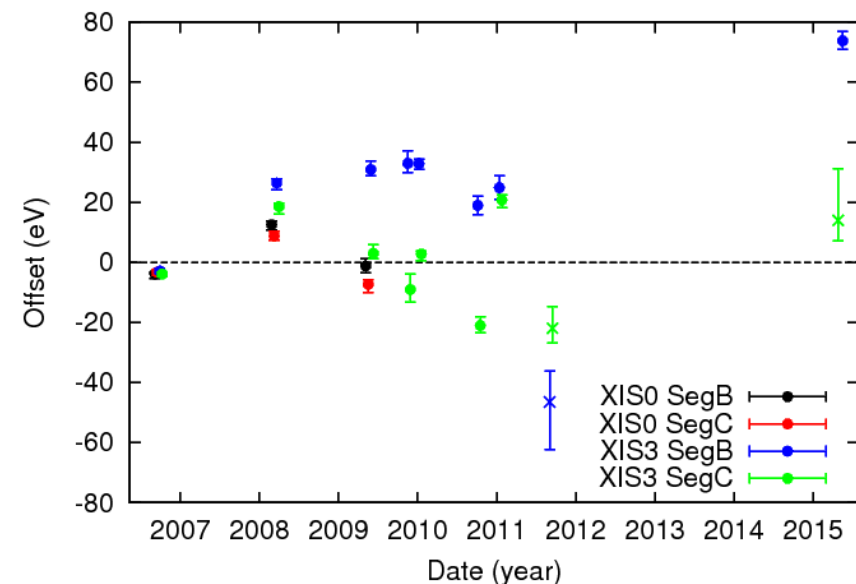
New rmfparam files -> ae_xi?_rmfparam_20160607.fits

- The makepi and rmfparam files are updated to include the latest P-sum calibration results based on E0102-72 and the Perseus cluster data.
- P-sum calibration targets only for Segment B and C, only until 2009/6 for XIS 0, only until 2015/3 for XIS.
- Perseus data are available only after 2011. Therefore, the XIS 0 calibration was only confirmed in the soft band using E0102-72.



X-ray spectrum reprocessed with the new calibration files of Perseus cluster and residuals on XIS3 SegC on 2015/3.

- Calibration is not guaranteed for data outside of these segments and periods.



Offset between the spectra reprocessed with the new calibration files and the models. Circles show E0102, and crosses show Perseus.