

Regular update of the XIS NXB database at June 1, 2013

June 1, 2013 XIS team

The following XIS NXB database files are updated.

ae_xi[0,3]_nxbscion_20130601.fits

ae_xi1_nxbsci6_20130601.fits

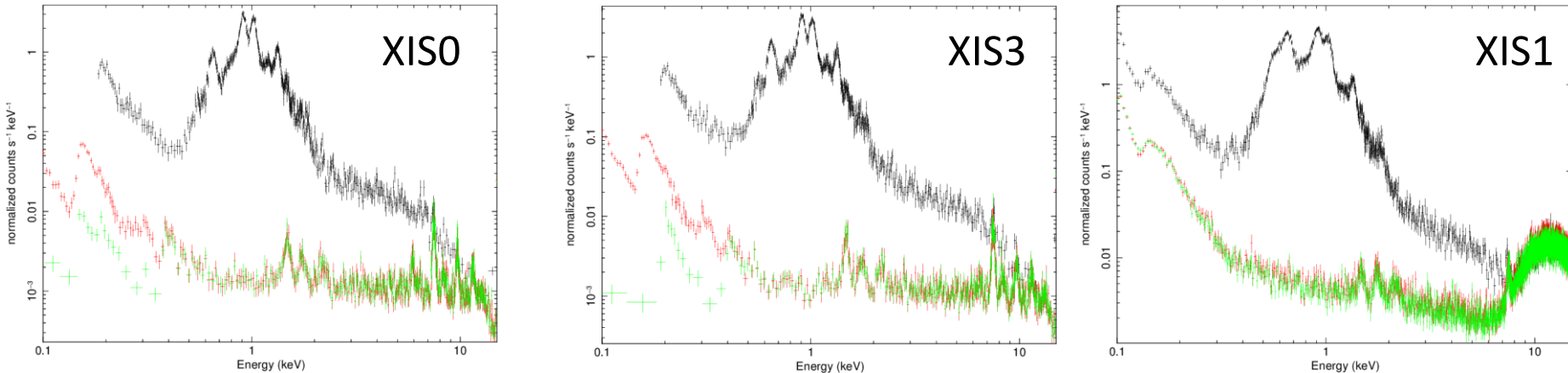
ae_xi[0,1,3]_nxbvdchk_20130601.fits

ae_xis_nxborbit_20130601.fits

ae_xis_nxbcorhk_20130601.fits

This is a regular update once every half a year. This update newly included the NTE trend archive data obtained between November 2012 and April 2013.

Note on the NXB-DB released at 2013 Feb.



Example output spectra of xisnxbgen with old NXB-DB(**red**) and new NXB-DB(**green**) for E0102 spectra(**black**)

- It is found that the following NXB-DB files released at 2013 February include some inappropriate NTE data set.
 - ae_xi[0,3]_nxbscion_20130228.fits
 - ae_xi1_nxbsci6_20130228.fits
- This problem hardly affects reproducibility of NXB spectra except for below 0.4 keV of FI ones as shown in above.
- Replacing your CALDB with new ones (20130601) will resolve this situation.