

XIS CALDB update in October, 2008

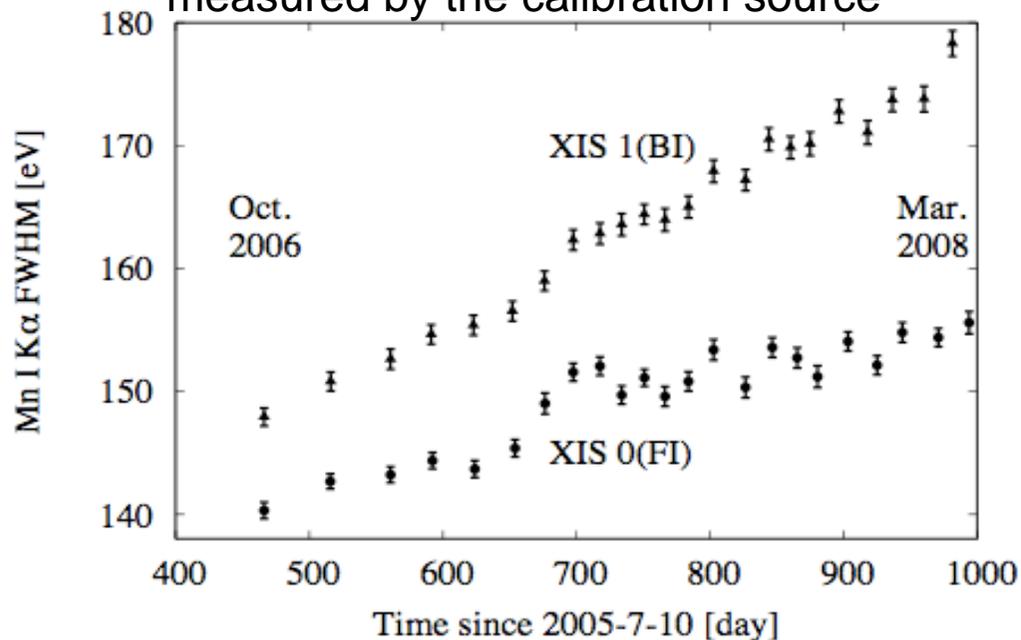
XIS team, Sep. 30, 2008

- ae_xi[0-3]_rmfparam_20080901.fits
- ae_xi1_nxbsciof_20080917.fits

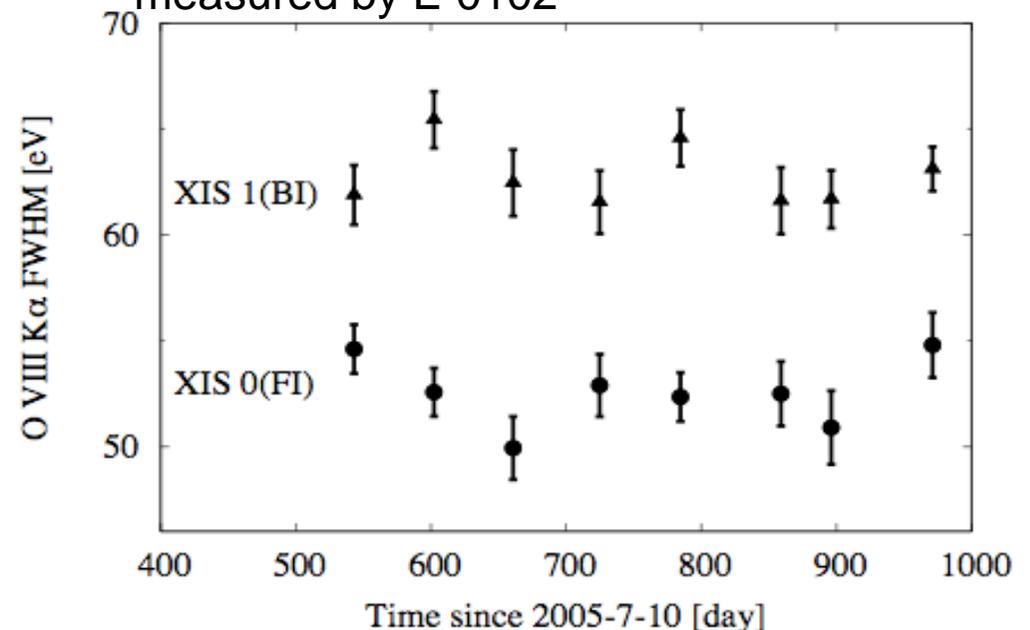
rmfparam 20080901

- RMF parameters for the SCI-on mode are updated. We measured the time evolution of the energy resolution of the SCI-on mode with makepi 20080825 until March 2008 (shown below), and the results are incorporated in rmfparam 20080901. The resolution after March 2008 is calculated by extrapolation.
- There is no difference for the SCI-off mode between rmfparam 20080901 and 20080311 (previously released version).

Energy resolution of 5.9 keV (Mn I K α)
measured by the calibration source



Energy resolution of 0.65 keV (O VIII K α)
measured by E 0102



XIS1 SCI-off NXBDB 20080917

- Previous version of the NXB database for the SCI-off mode (ae_xi1_nxbsciof_20071226.fits) includes data before the door was opened. Consequently, NXB spectra based on the database may include unreasonably strong Mn Ka and Kb lines.
- We excluded those data in the newly released database (ae_xi1_nxbsciof_20080917.fits).