

SCI-off calibration status

The time history of the center energy and energy resolution of Mn K from the Fe calibration sources for all XIS sensors (segment A&D). Note that the vertical axis of energy resolution is additional sigma($\Delta \sigma$) in comparison with the ground calibration. If you want FWHM, calculate $\text{FWHM(eV)} \sim \sqrt{(130 \text{ eV})^2 + (2.355 * \Delta \sigma \text{ eV})^2}$

We show 2 version : **LATEST**(makepi20080131)
and **PREVIOUS**(makepi before 08/1/31
:same version with technicaldiscription!!)

Fig1 :Line Center Energy with LATEST makepi

Fig2 :Energy Resolution with LATEST makepi

Fig3 :Line Center Energy with PREVIOUS makepi

Fig4 :Energy Resolution with PREVIOUS makepi

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Fig.1 Line Center Energy

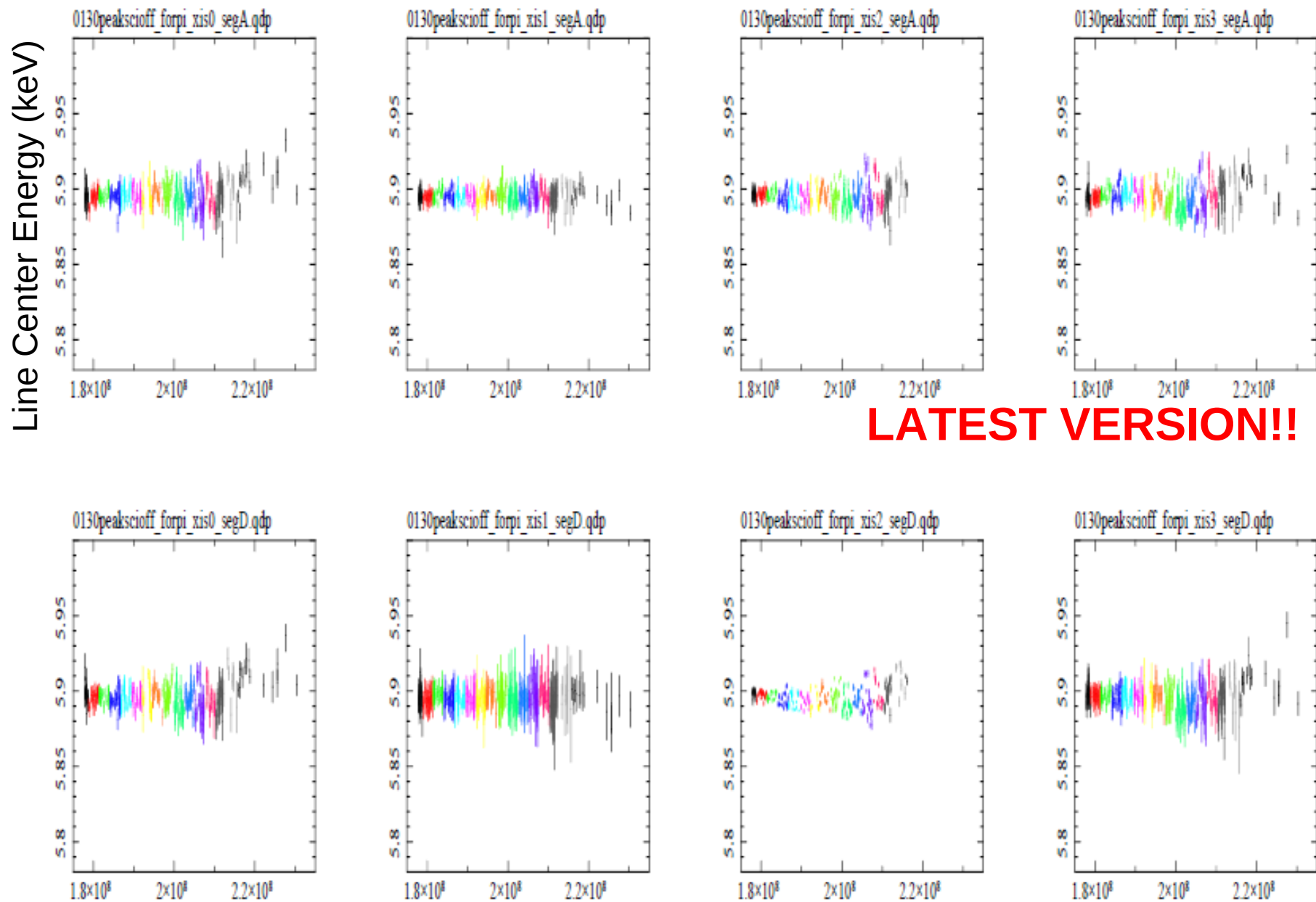
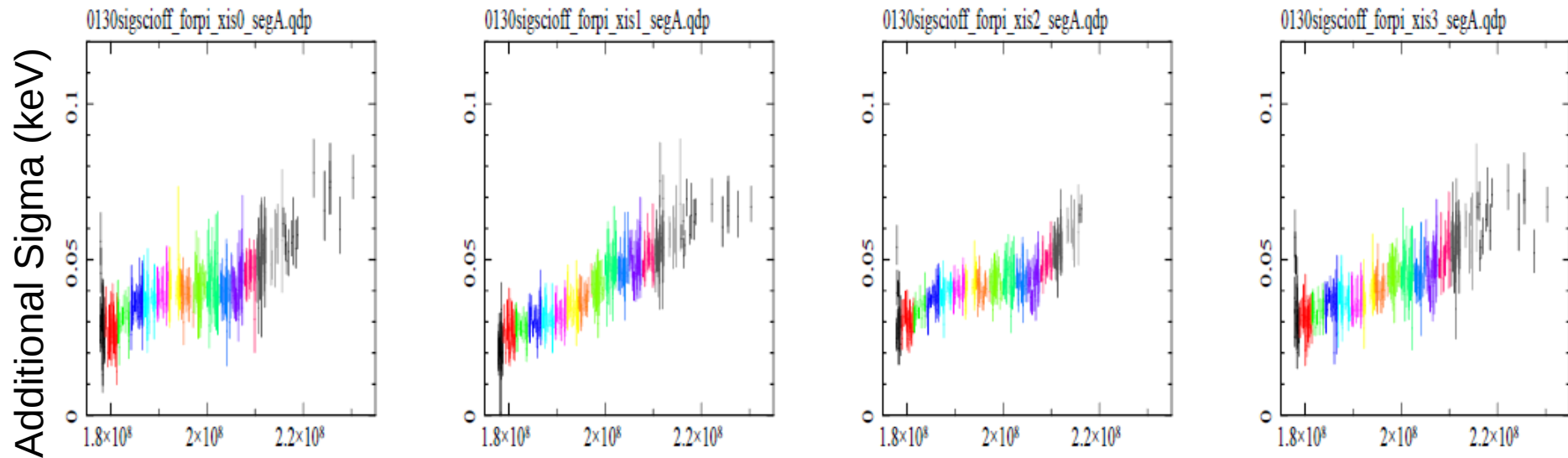


Fig.2 Energy Resolution (additional sigma in keV)



LATEST VERSION!!

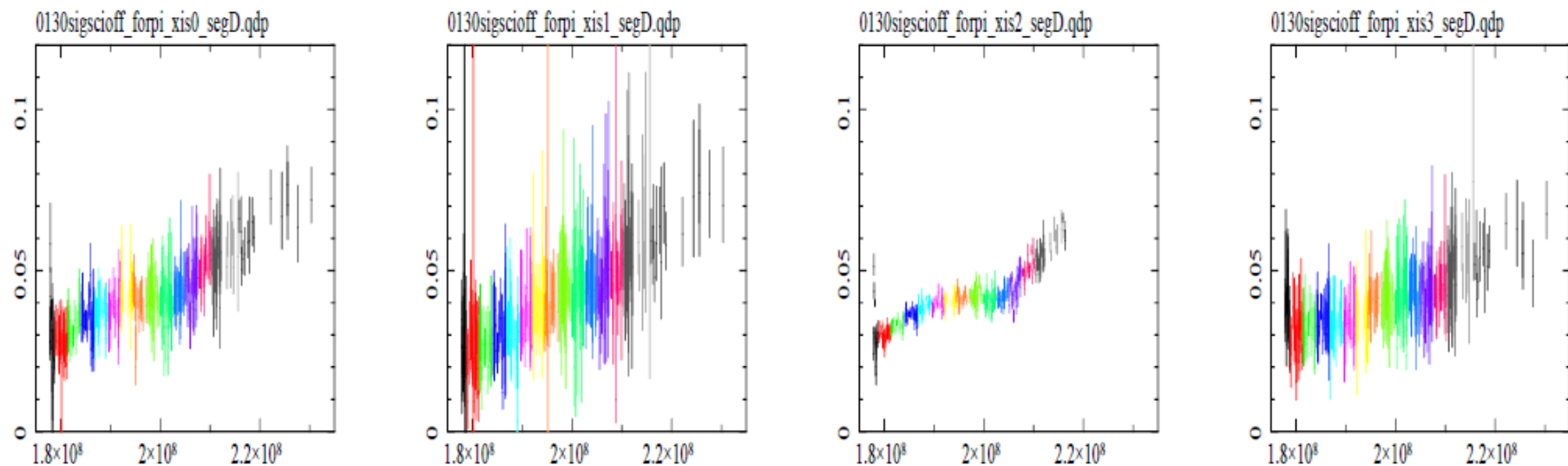
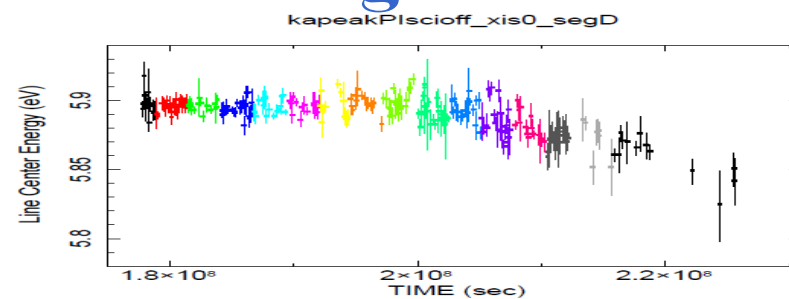
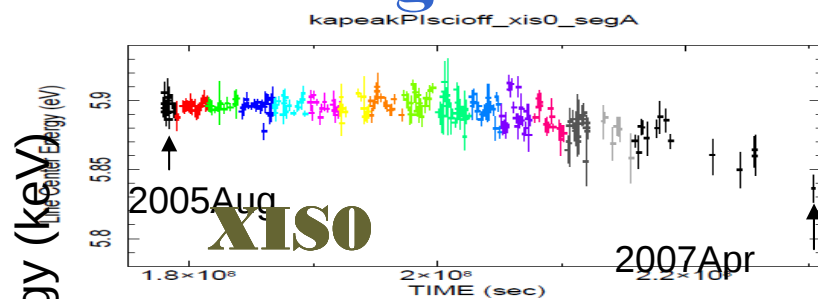


Fig.3

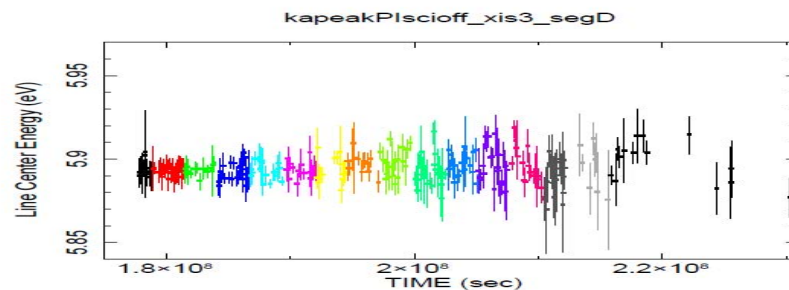
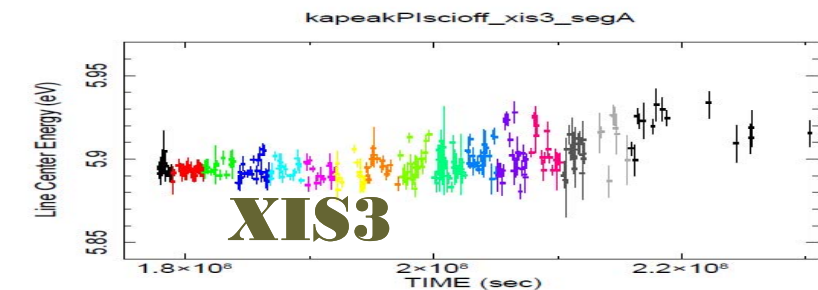
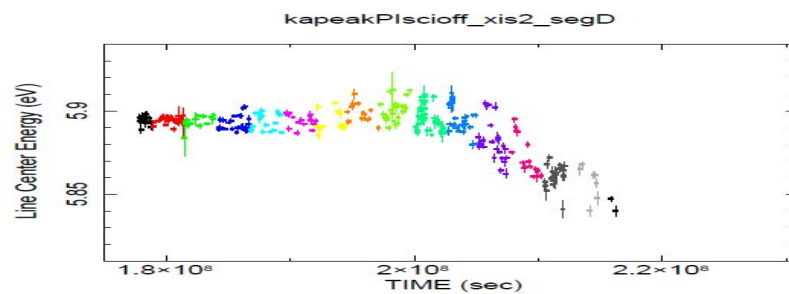
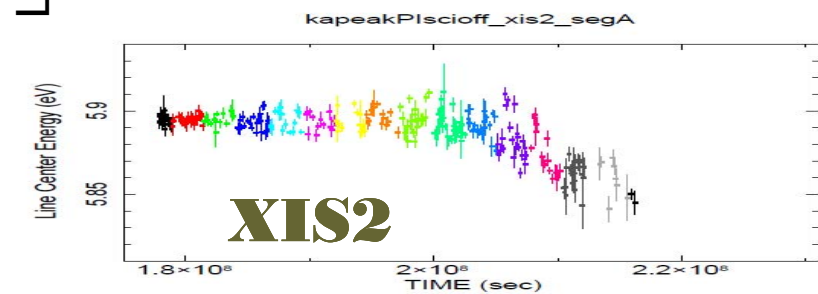
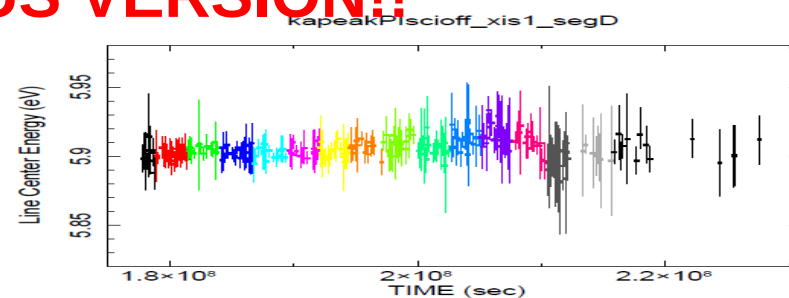
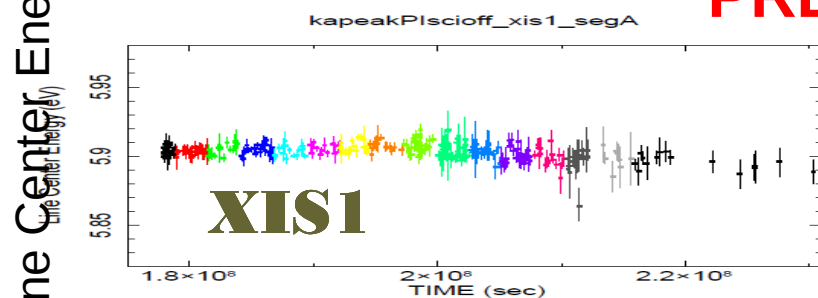
Line Center Energy

SegA

SegD



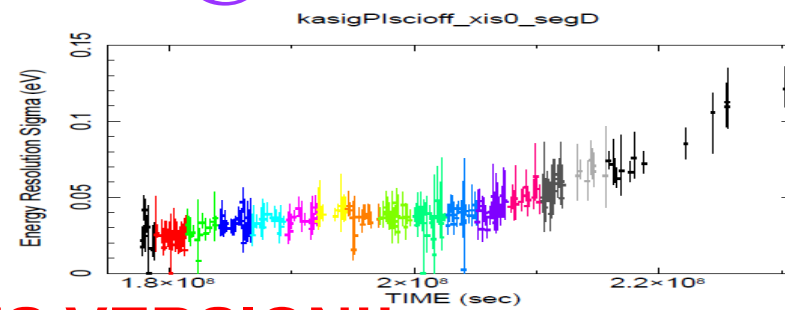
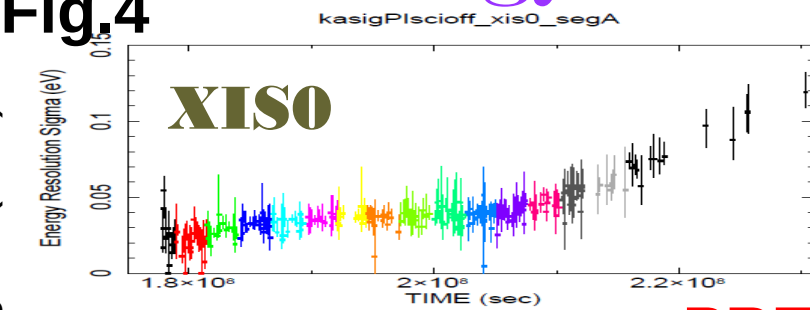
PREVIOUS VERSION!!



Energy Resolution@5.9keV

Fig.4

Additional Sigma (keV)



PREVIOUS VERSION!!

