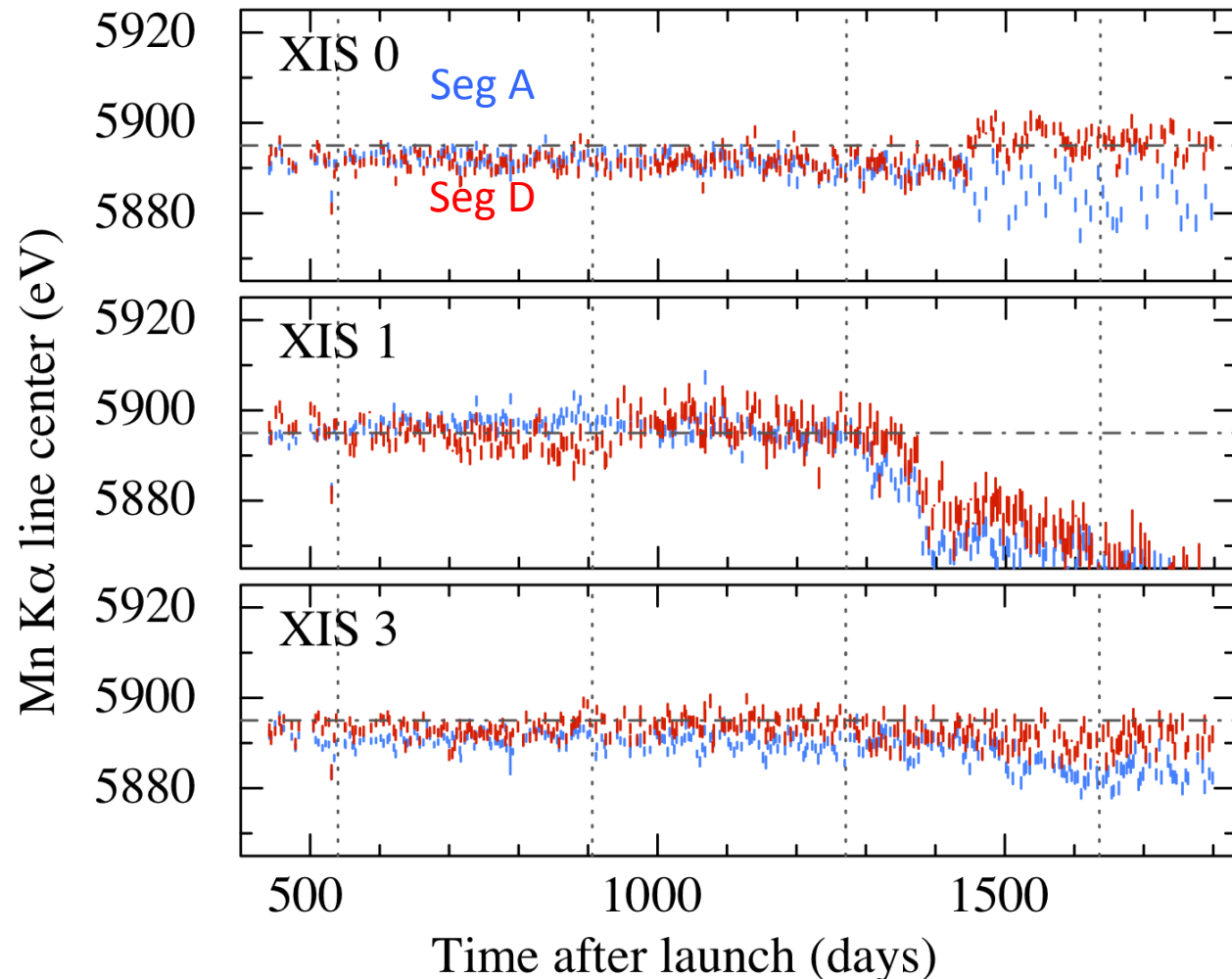


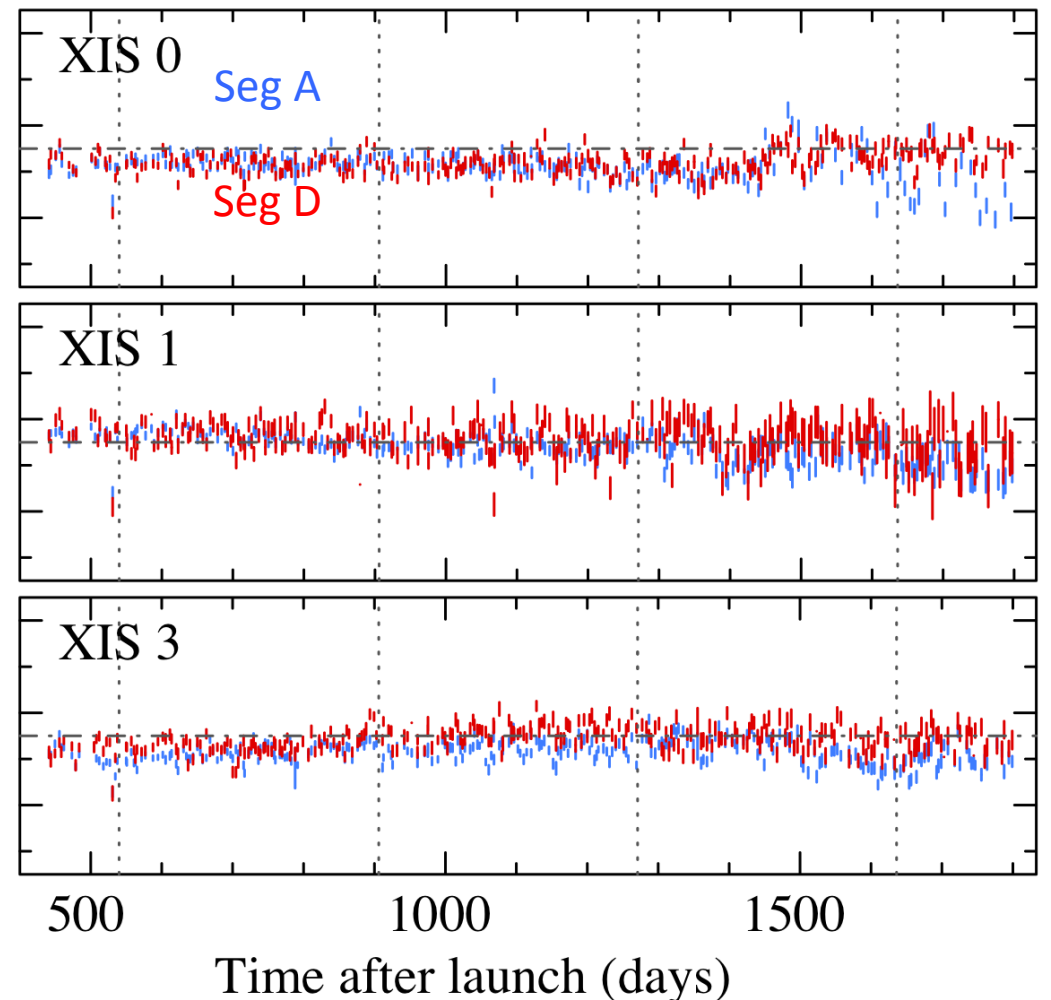
Update log for the SCI mode (Oct. 30, 2010)

- The CTI table for the SCI mode are updated using the data until May 2010 (The previous one is based on the data until March 2009). The energy-scale calibration for recent data is improved (the uncertainty is less than ~ 10 eV at 5.9 keV).
- The new table is included in `ae_xi?_makepi_20100929.fits`

Mn K α with the old makepi
(`ae_xi?_makepi_20091202`)



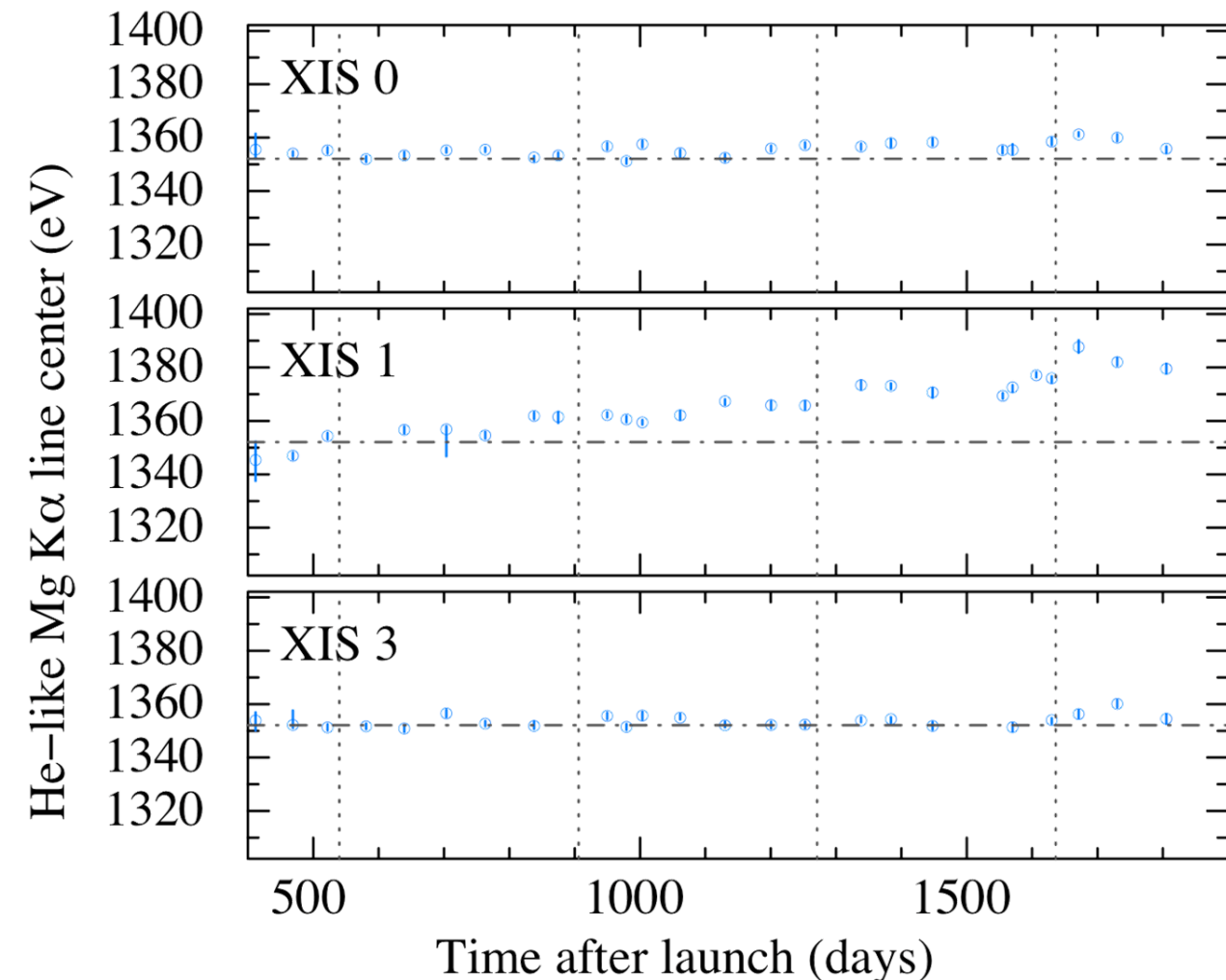
Mn K α with the new makepi
(`ae_xi?_makepi_20100929`)



Limitation for the new makepi

- Energy scale for the BI CCD (XIS1) still have some uncertainties (~ 30 eV), while those for FI CCDs (XIS 0/3) are less than ~ 10 eV.
- These uncertainties are planned to be reduced with the next release of makepi files.

He-like Mg $K\alpha$ at 1.35 keV
with the new makepi



He-like Fe $K\alpha$ at 6.56 keV
with the new makepi

