EPIC long term calibration

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main plans for the future

- MOS:
  - Redistribution for line rich sources not yet perfect in lines
  - High energy flux higher than pn
  - CTI update
  - CTI for special column areas
    - column dependent CTI correction (NO)
  - Spatial dependence of very low energy response of MOS (lab testing at LUX in 2006)
- pn:
  - Redistribution for line rich sources not yet perfect in lines
  - High energy flux lower than MOS, mirror measurements soon at PANTER (Feb 2006)
  - pn energy refinement for fast modes mode (CTI(energy, rate)), possibly NRCO needed
  - Fast modes drm
  - Random jumps in pn energy scale of <20 eV
  - Special CTI due to vent hole (can only be checked after implementation of column gain refinement)
  - usage of the FIFO-reset-counter for improving the integration time (lab measurements at IAAT, possible check also at PANTER in 2006)
  - Check of the rel timing accuracy with NRCOs in 2006
  - Investigation of double event behaviour (within 2 years)
  - Column gain refinement
  - Time jumps + timing document
- general:
  - Cross Cal document