Sphinx data calibration

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> monochromatized (synchrotron) radiation for the 9 photon energies (1.8 to 12 keV)

- the absolute energy scale
- detectors energy resolution

continuum spectra

true efficiency (detector + UV filters)

T:\SPHINX-F\BESSY\BESSY_CAL_DATA_GOOD\kanal_A_InSb_cristal\D1\SpX20080227142746.fts.gz



T:\SPHINX-F\BESSY\BESSY_CAL_DATA_GOOD\kanal_A_Si_cristal\D1\SpX20080226134503.fts.gz



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E(0) = -0.0249782 keV

Szerokosci 1-2

Szerokosci 1-2

XR-100CR

XR-100CR Efficiency Curves

Figure 2 (linear). Shows the intrinsic full energy detection efficiency for the XR-100CR detectors. This efficiency corresponds to the probability that an X-ray will enter the front of the detector and deposit all of its energy inside the detector via the photoelectric effect

