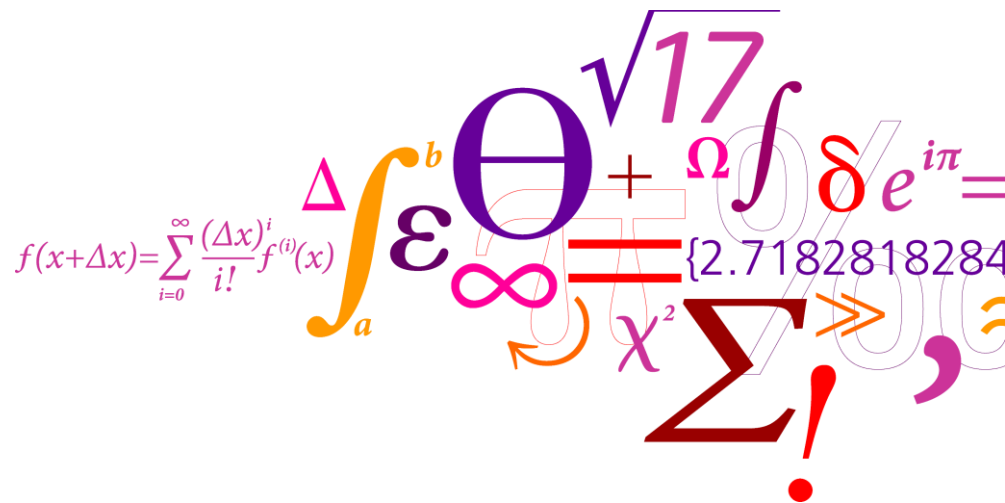


JMXi-IMOD-CFTM

Corrections for temporal developments in JEM-X spectra

Niels J. Westergaard



$$f(x+\Delta x) = \sum_{i=0}^{\infty} \frac{(\Delta x)^i}{i!} f^{(i)}(x)$$

$$\int_a^b \varepsilon \Theta^{\sqrt{17}} \delta e^{i\pi} = \{2.7182818284\}$$

$$\chi^2 \sum!$$

A reminder of the IMOD structure.

Extension name structure: JMXi-AAAA-MOD

ATAL, **ATCU**, **ATMO**, **ATXE**, and **ATBE** are atomic attenuation coefficients
FOIL, **QEFF**, **MASK**, and **COLL** are instrument constants
DETE, **DPOS**, **BORE**, and **VIGN** are also constants
FULB, **RESB**, **SPCB**, and **CALB** are 4096 to 256,8,64,256 PHA rebinning tables
FBDS, **RBDS**, and **SBDS** are nominal energies for PI channels
CORX, and **CORY** are event position corrections (or rather true positions)
SPAG is the two-slice spatial gain table that has been updated once
DEAD is the deadtime for each hardware trigger
DXBS holds extragalactic background spectrum

ENRG is the photon energy table for eg. ARF

ECAL holds offsets and slopes for calibration data

EFLT, **FMSK**, **PLLX**, **PLLY**, and **PSIZ** are el. eff., fine mask, and pixel info.

OPNC and **IROS** are table of open cells, j_ima_iros parameters

DBKG is a standard bkg map with dead anode info.

EEFF and **CURT** are electronic efficiency and the 'curtain' function

PXFS and **PSFL** are pixel lists for shadowgram smoothing

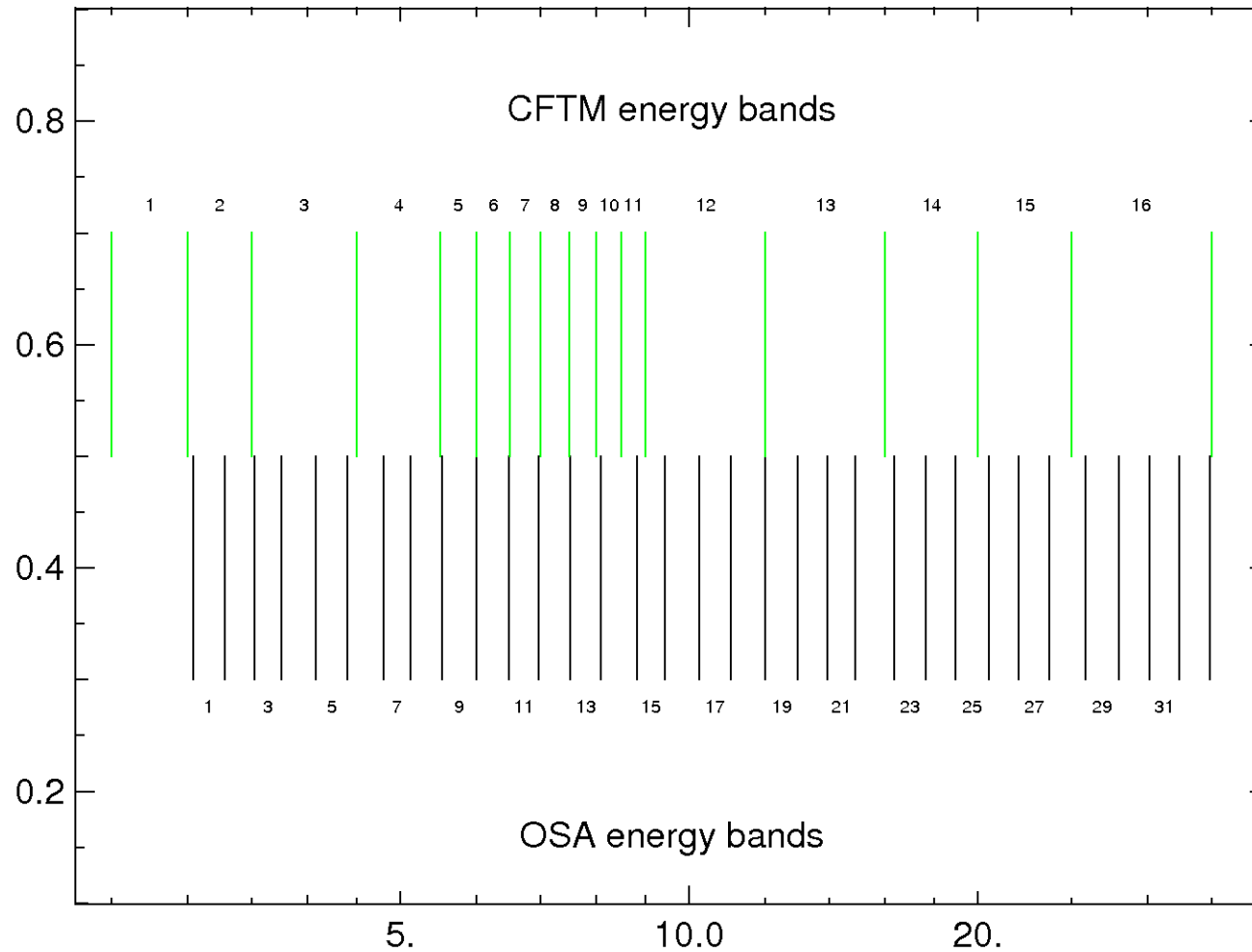
CFEX, **CFEY**, and **CFTM** are spatial and temporal correction factors

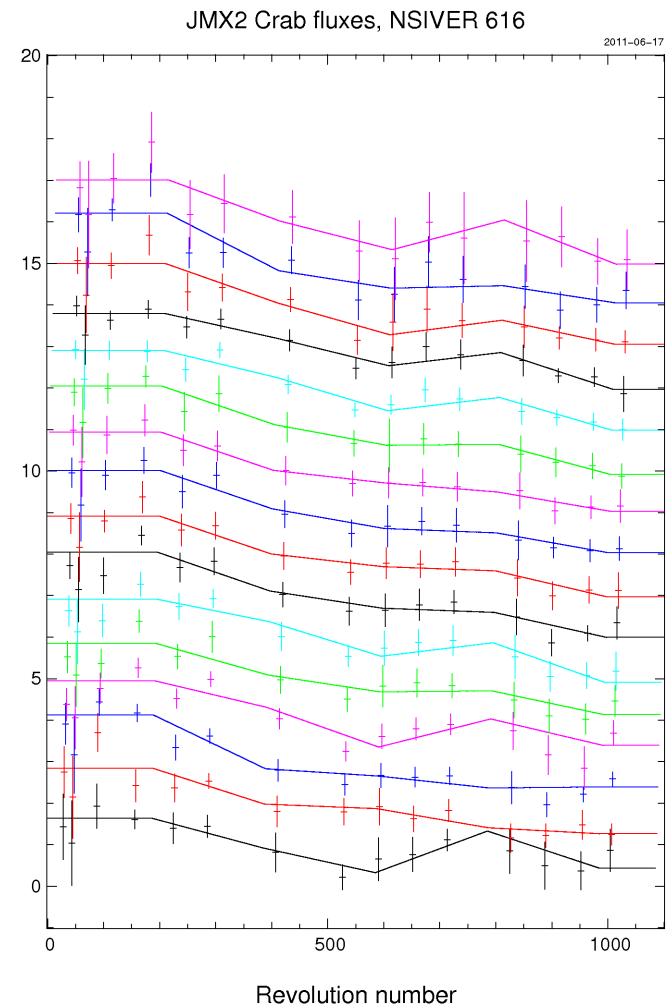
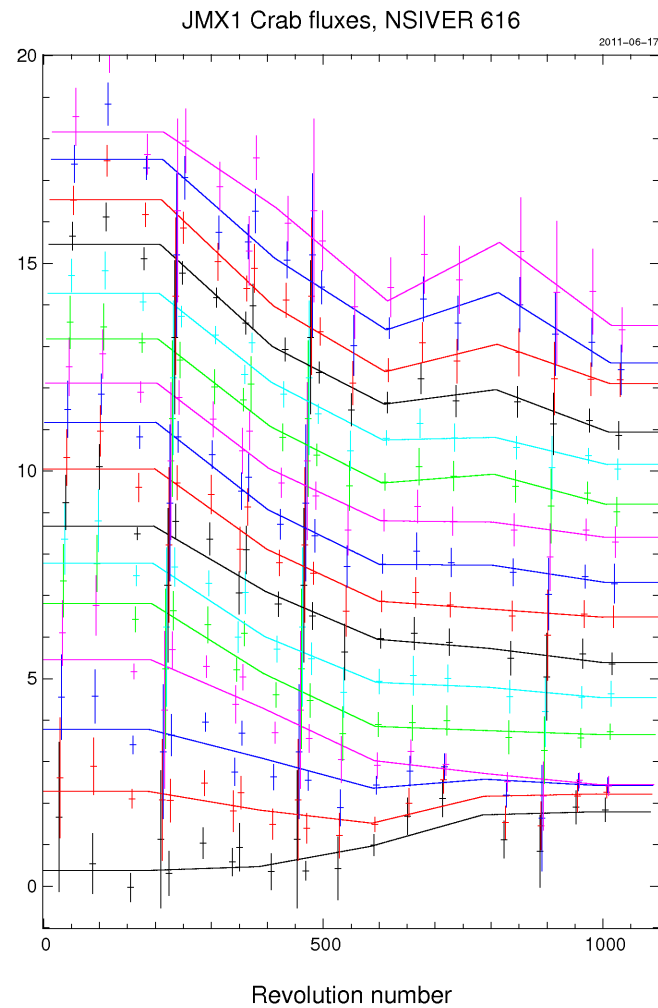
DETN is a new, sofar unused version of DETE

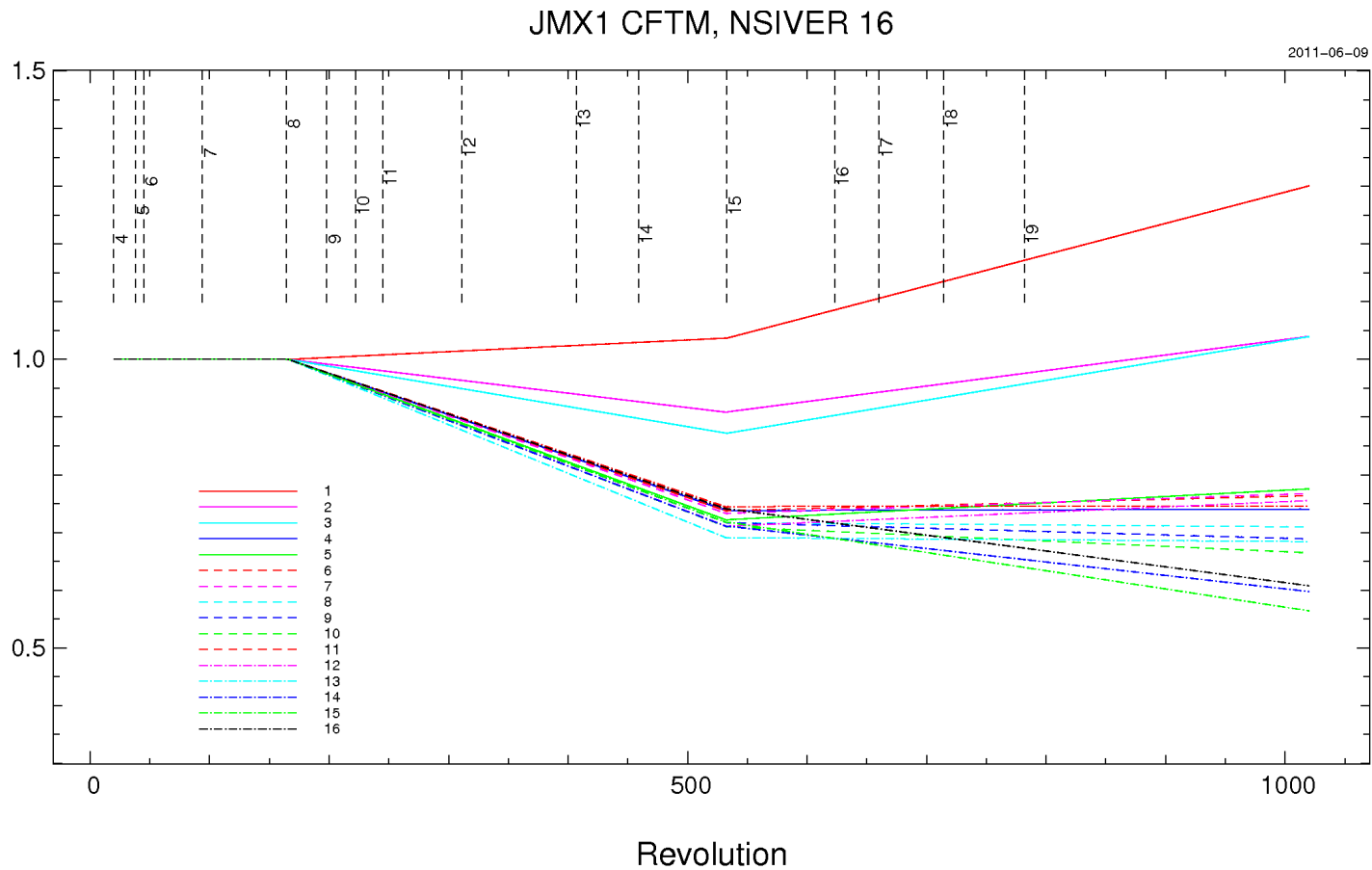
CIEX and **CIEY** are image flux corrections factors

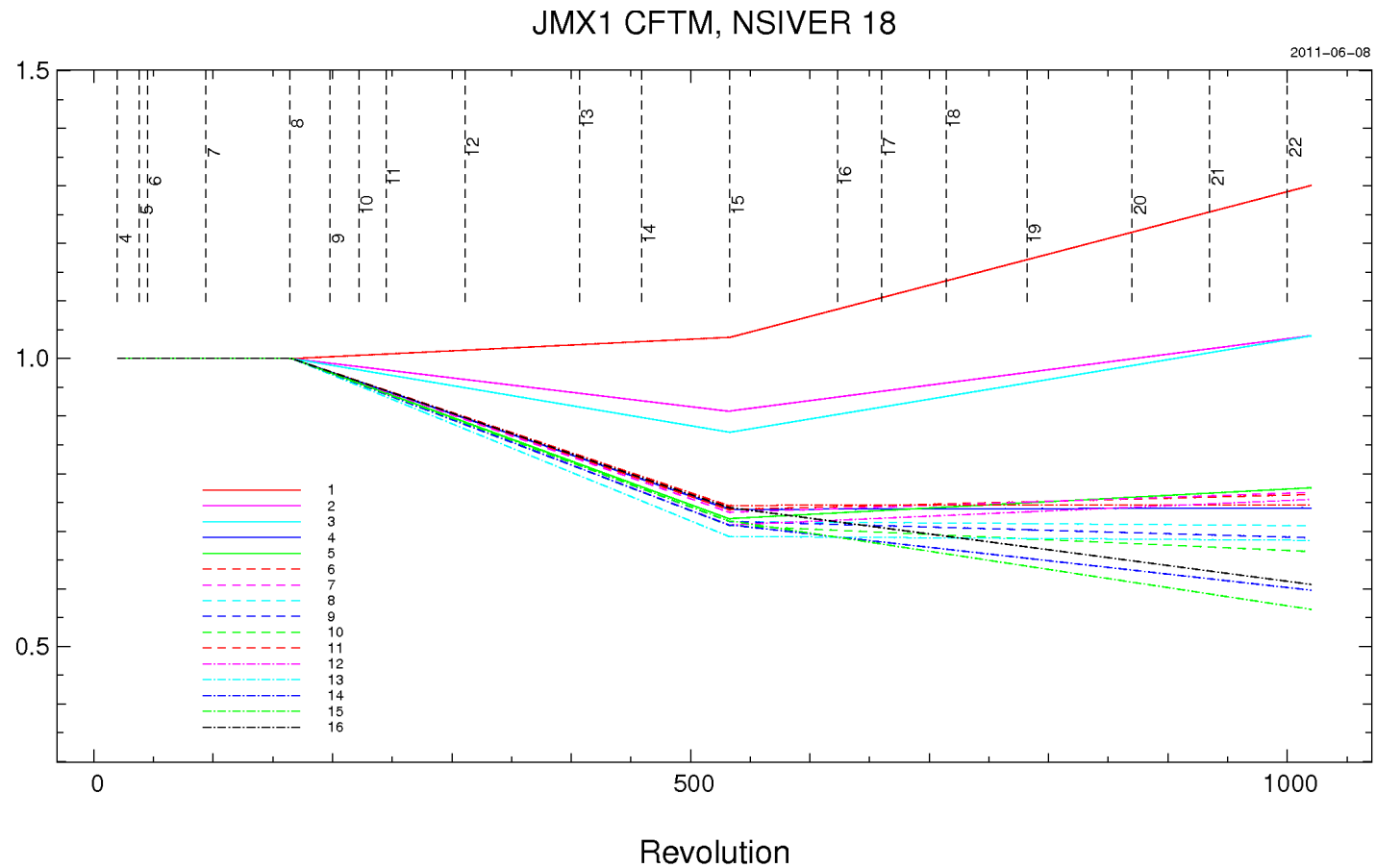
IEFF image efficiency factors as function of PHA

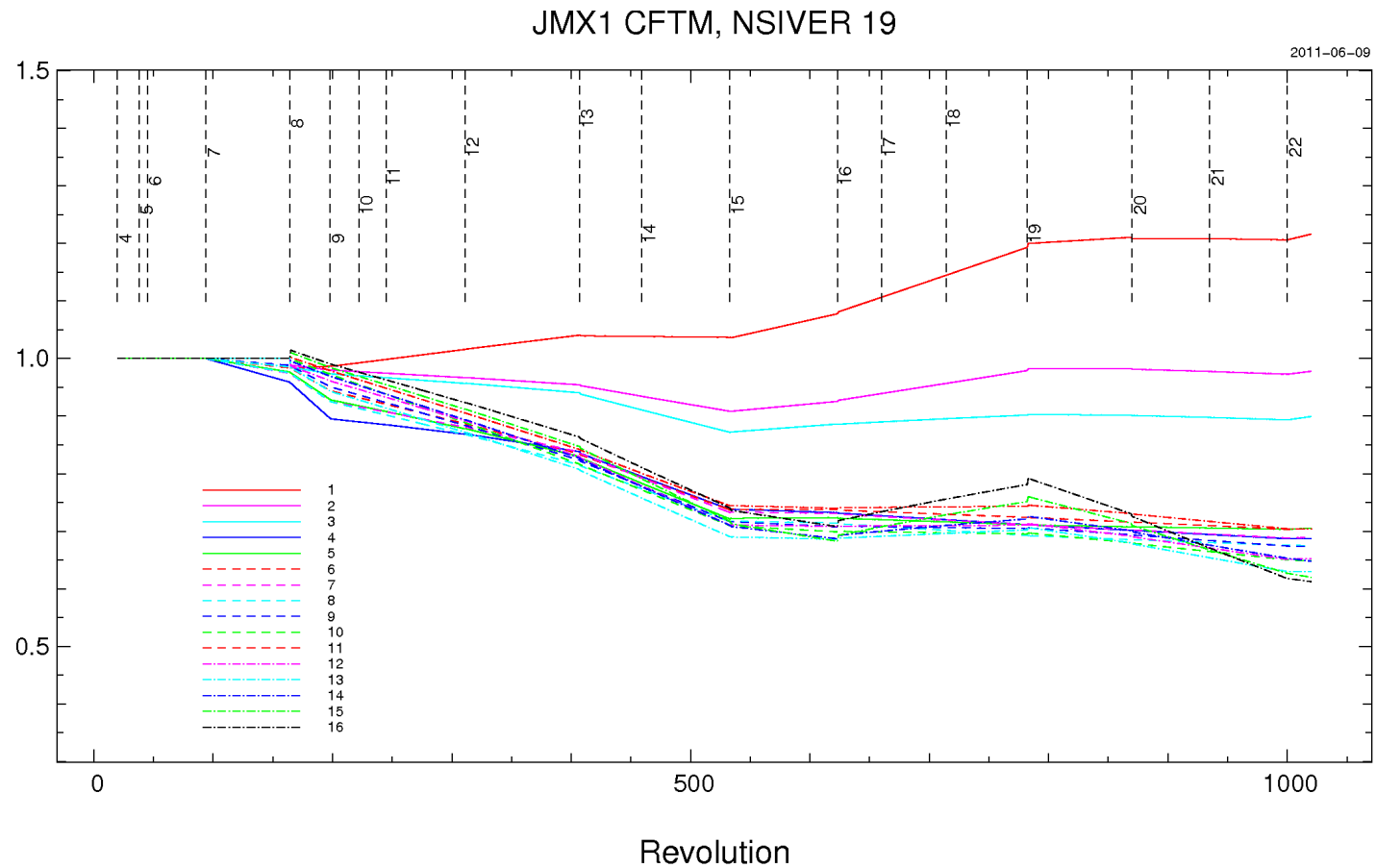
PSFS is sigma of PSF as a function of energy

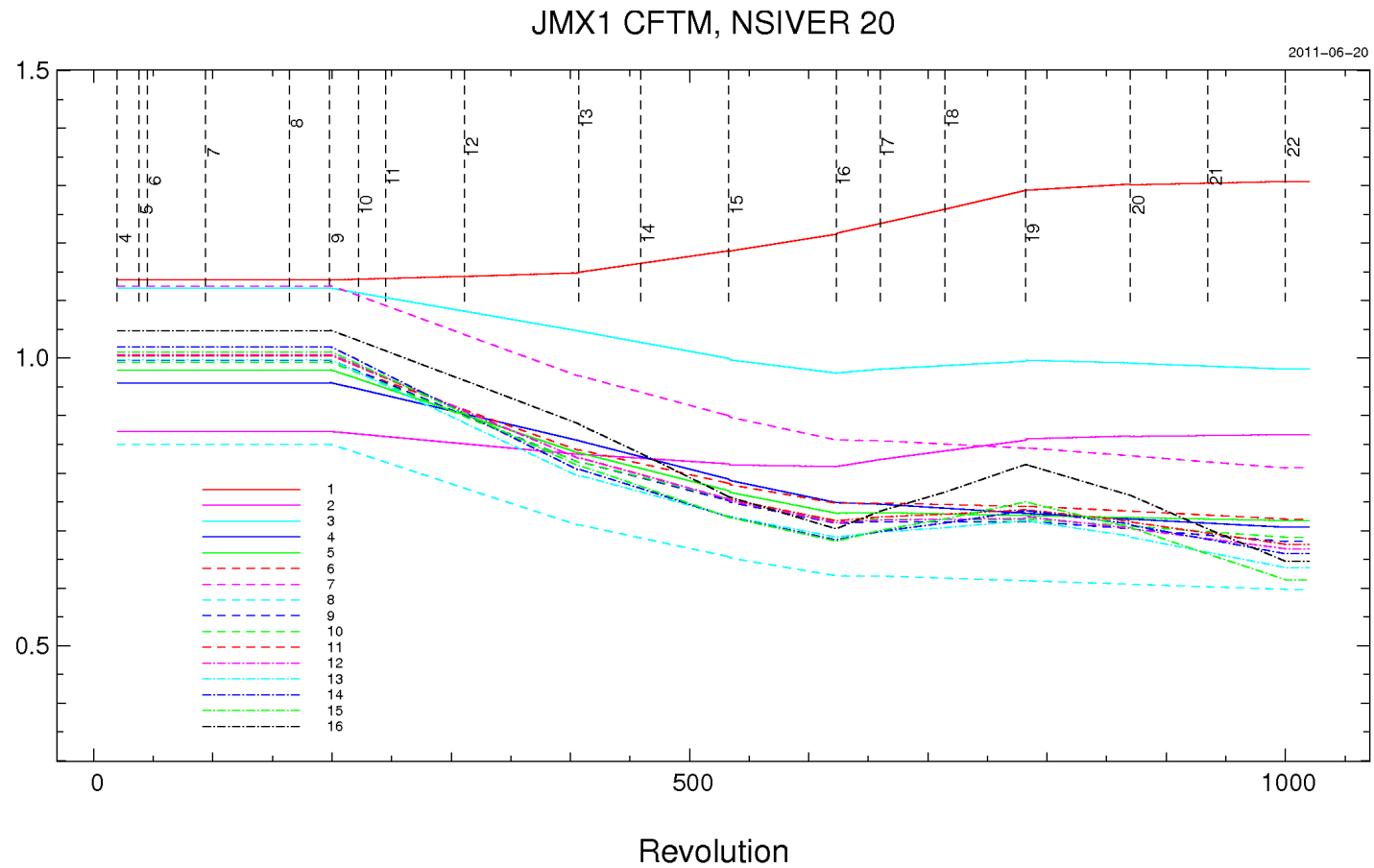












JMX2 CFTM, NSIVER 16

2011-06-09

