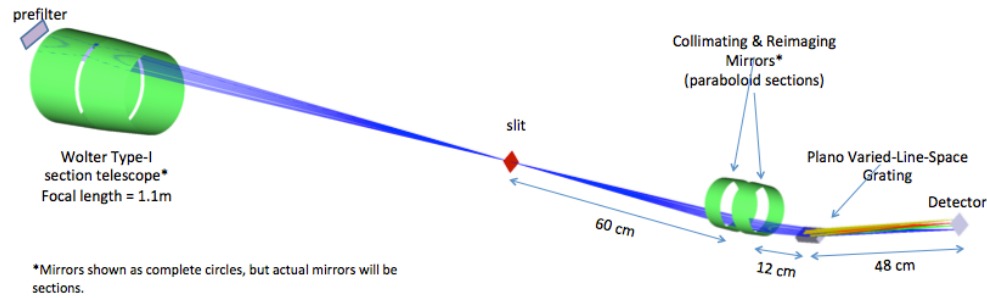
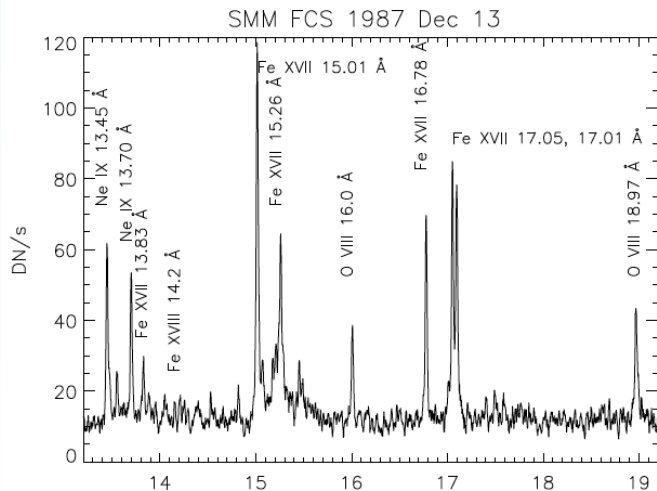
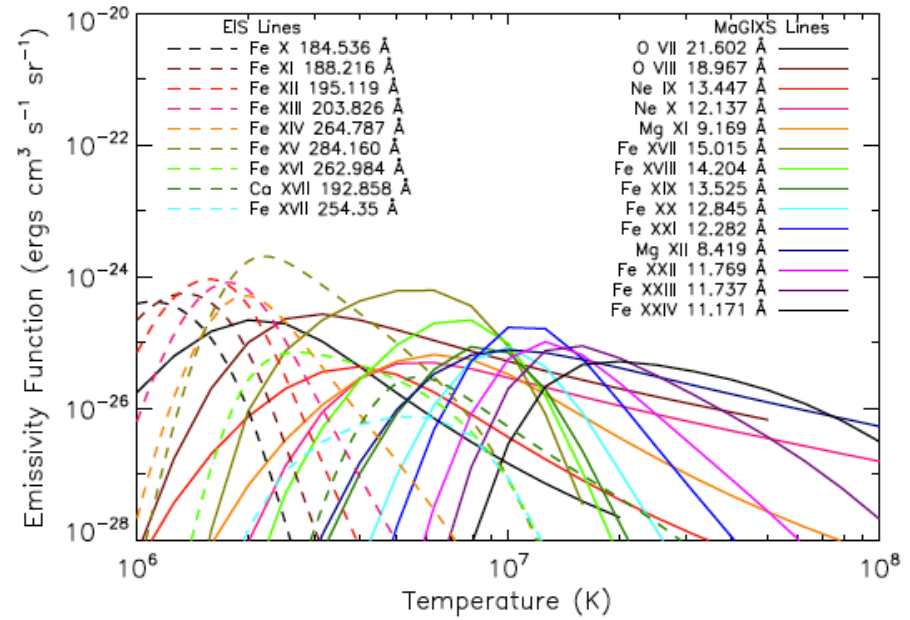


MAGIXS – first X-ray imaging spectrometer 6-24 A

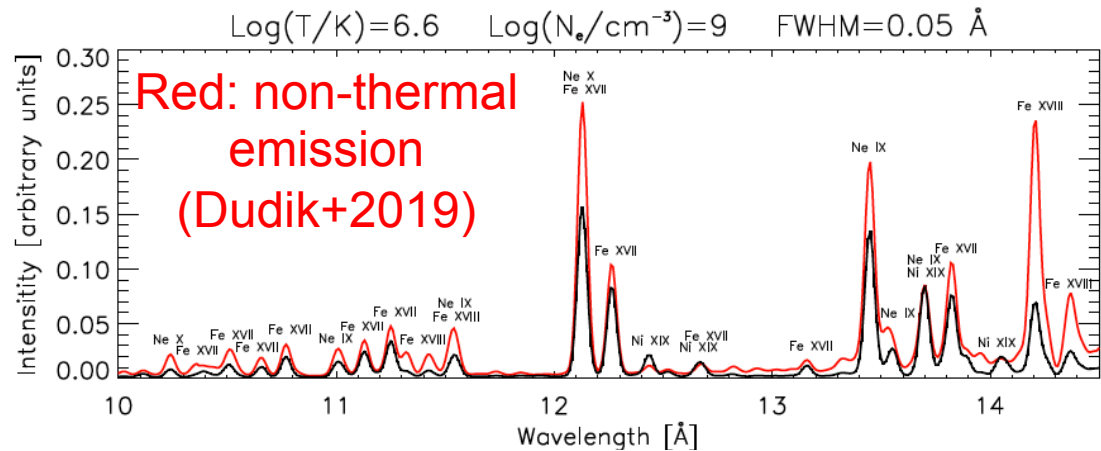
Launch: August 2019 ! Marshall (A.Winebarger), SAO (L. Golub), etc.
 UK: UCLan (R. Walsh), Cambridge (G. Del Zanna, H. Mason)



Wavelength Range: 1.0–2.3 nm (0.5 – 1.2 keV)
 Wavelength Resolution: 2.0 pm (1.0 pm/pixel) = 0.5 eV @ 0.5 keV
 Spatial Resolution: 5.0 arcsec (2.5 arcsec/pixel)
 Field of View (slit length): > 5.0 arcmin
 Detector Pixel Size: 13 × 13 μm
 Instrument Length: ~ 3.0 meters maximum (optics only)
 Effective Area: 5mm² peak

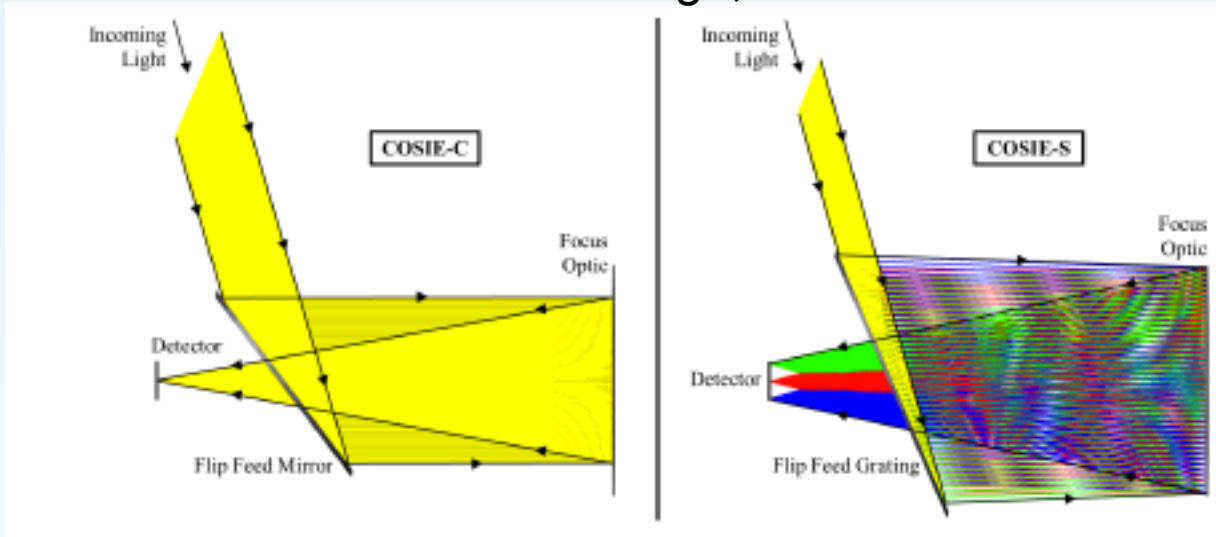


Del Zanna & Mason (2014)

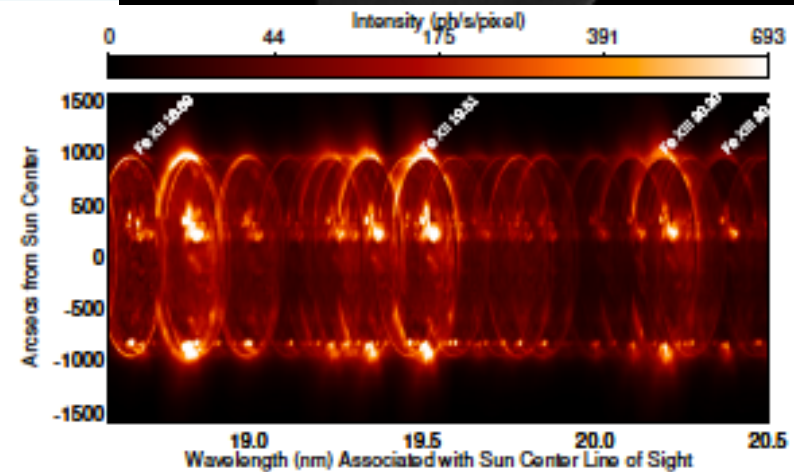
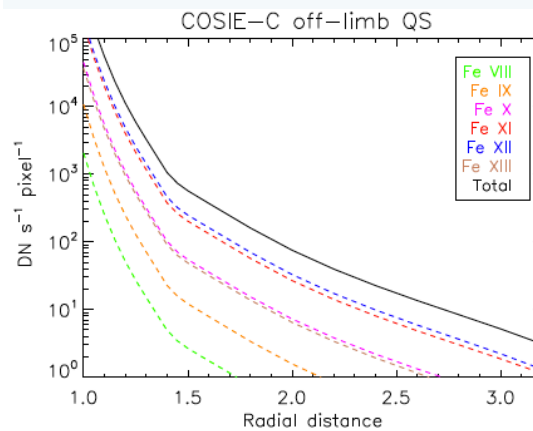
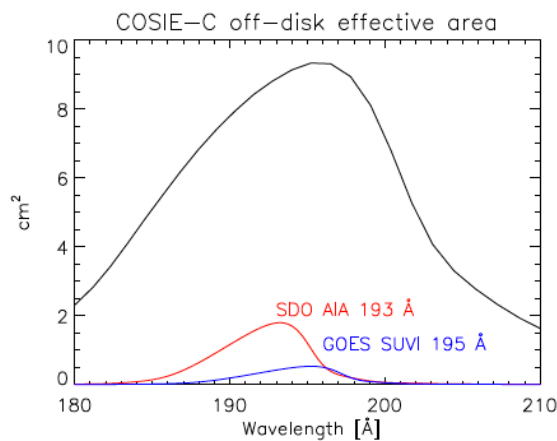
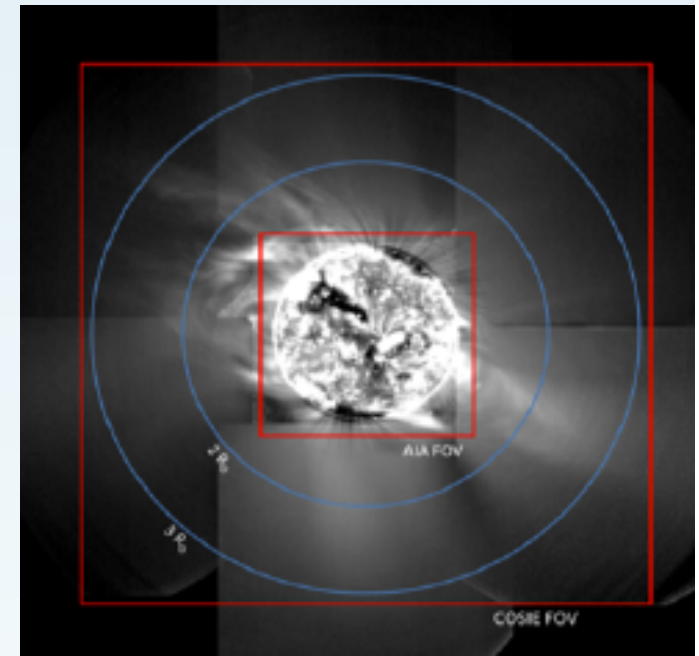


COSIE - COronal Spectrographic Imager in the EUV

Proposed for the ISS - Launch:2023. PI: L. Golub (SAO)
UK: Cambridge, UCL



3.1" spatial resolution – out to 3.3 R_{sun}



COSIE-C: Del Zanna+2018,ApJ,865,132

COSIE-S:
Winebarger+2019,submitted