

NuSTAR

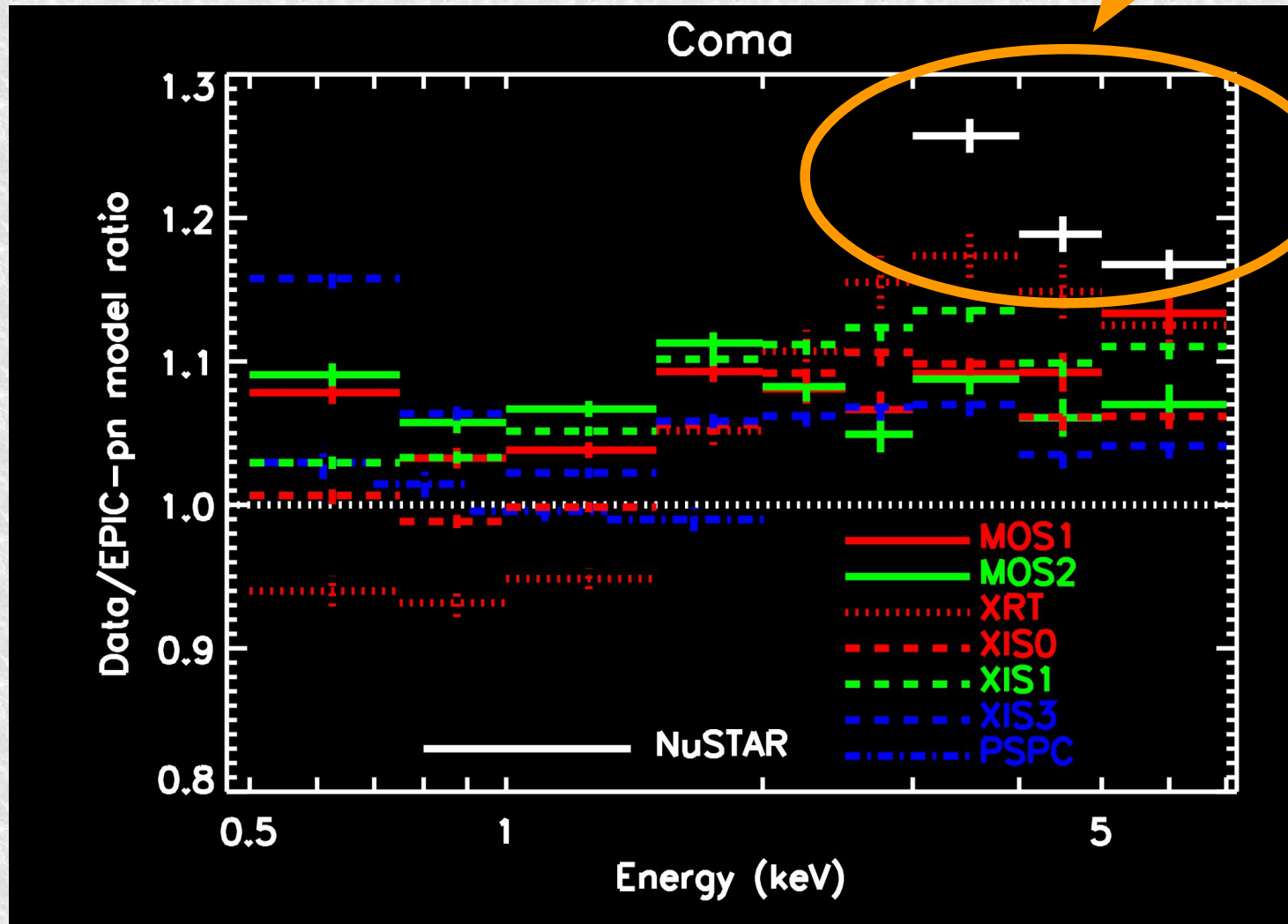
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Coma

NuSTAR

Ghost-rays from the bright cluster regions outside of FOV. Can be removed with ray-tracing (non-standard)



Cluster selection criteria

- ★ The selection criteria for the sample
 - ◆ Bright enough, i.e. $kT > 6$ keV
 - ◆ Hot enough so that we have enough counts at the highest energies, i.e. $kT > 6$ keV
 - ◆ Not too nearby so that the ghost rays from the bright out-of-fov regions do not contaminate NuSTAR ($r = 6$ arcmin FOV) signal too much (Coma not good) , i.e. $z > 0.05$ so that 6 arcmin = 0.5 Mpc.
 - ◆ Not too distant so that the cluster is not too faint i.e. $z < Y$

NuSTAR AO1

★ In 1st AO (2014), following clusters accepted in A category:

A2163 only

★ How many proposed?

★ Let's propose A2029 and A1795 for temperature constrain at high energies, can be used also for the cross-calibration.

Collaboration with Karl Forster