

Preparation of new-version “tuned” PIN background

It is found that the archived background (“METHODV” 2.0ver0804) during 2012 August to 2013 November underestimated the real background below 20 keV by up to 3-4%.

Then, we prepare new-version “tuned” PIN background for the data after 2012 August.

Note that there is no problem for the data before 2012 August.

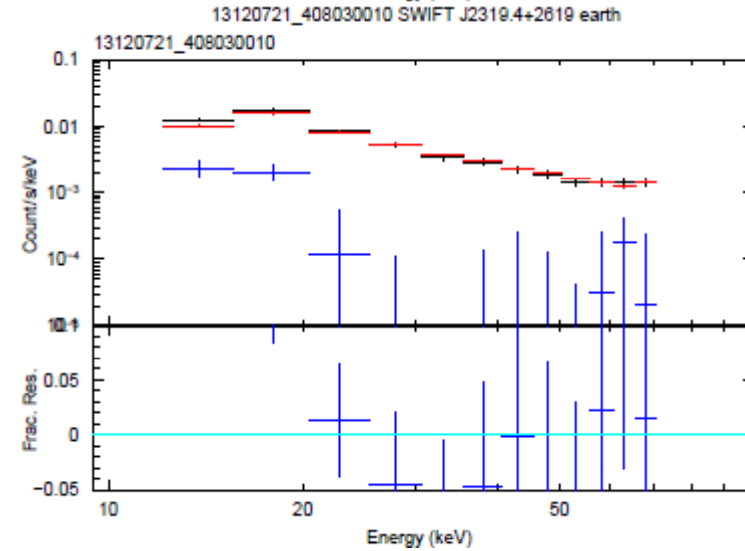
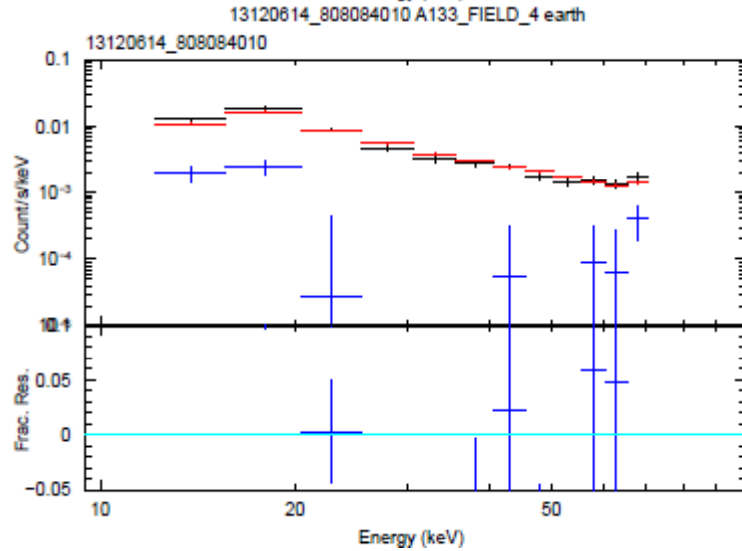
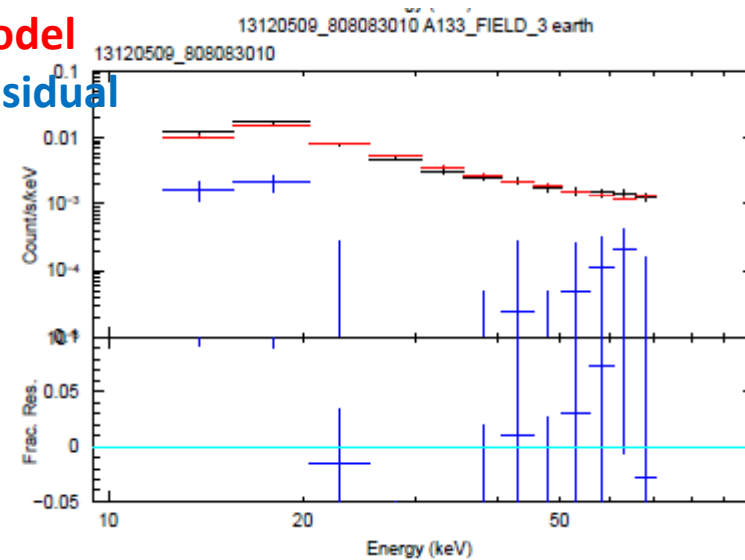
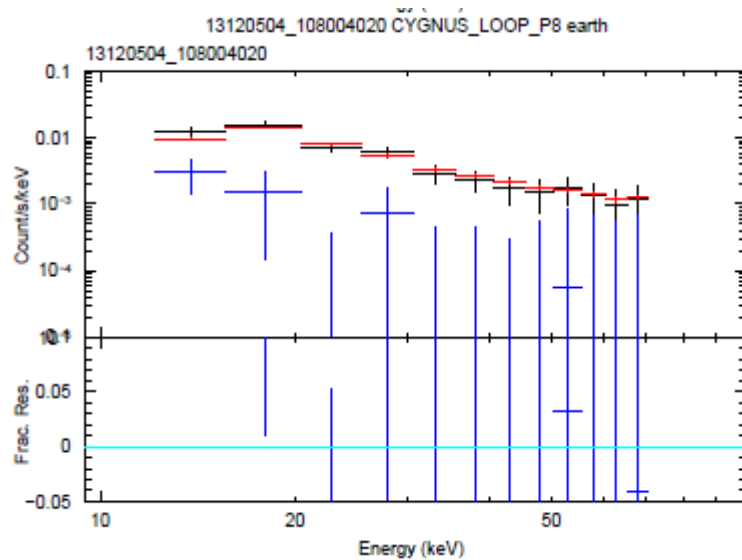
This background model will be released soon.

Reproducibility of the current “tuned” background (earth data)

black;data

Red: model

blue: residual

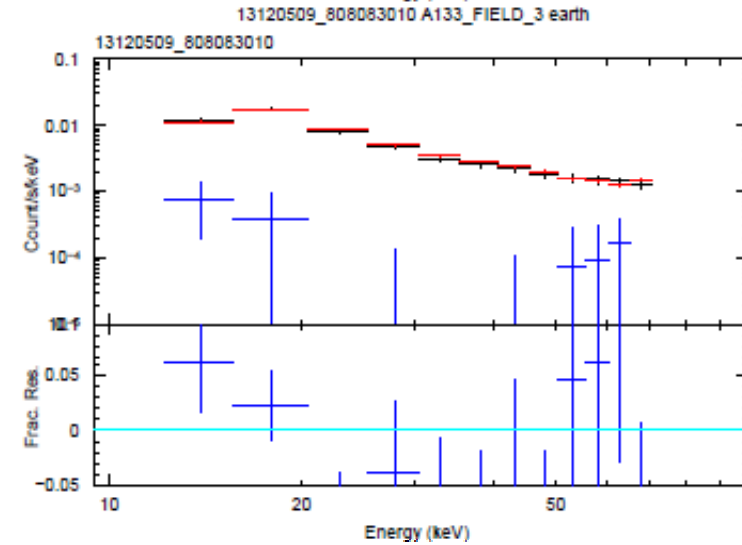
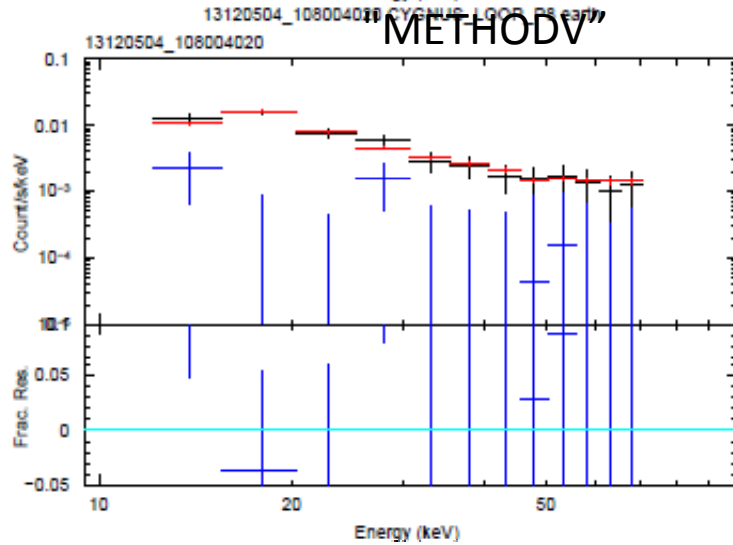
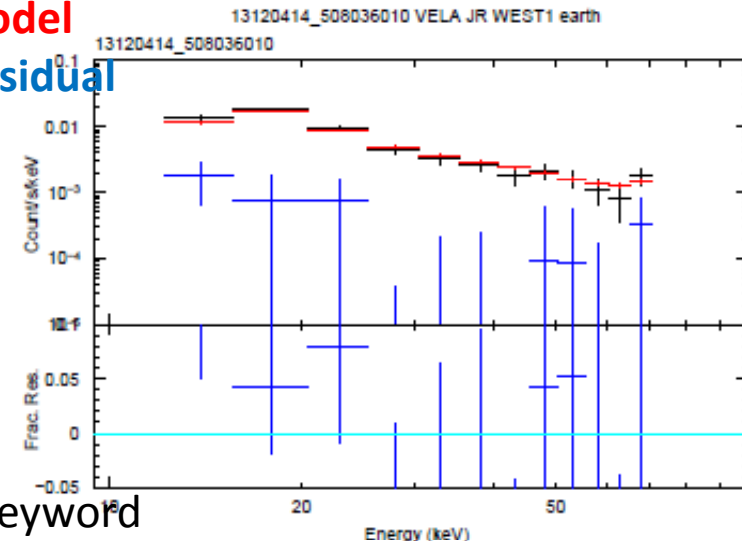
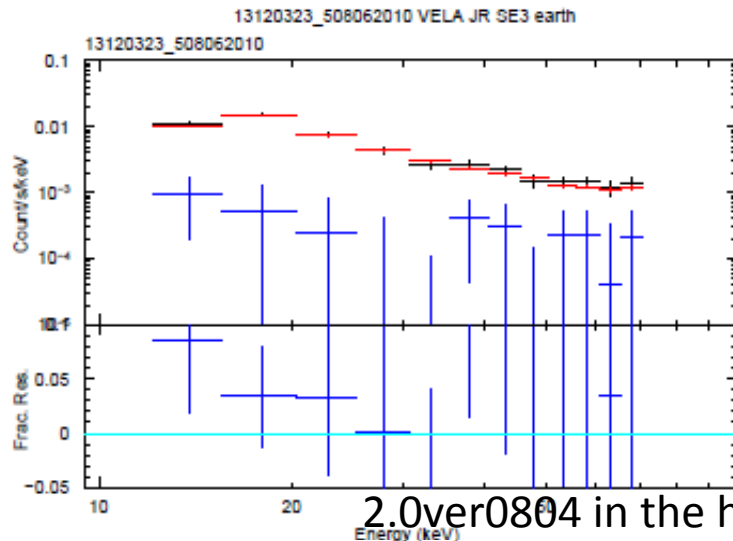


After correcting the problem on the satellite height dependency

black;data

Red: model

blue: residual



2.0over0804 in the header keyword
"METHODV"

Reproducibility of the “tuned” background (earth data)

Earth data to model ratio

Current version

New version

