

JEM-X mini SDAST Meeting #38b

Copenhagen 22. April, 2008.

Participants:

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All NSI, DTU.

Action items from meeting 38:

- Counting rate limits (before switching off instrument) update – ask Stéphane Paltani about status.
- Outliers from flux figures (from j_ima_iros) can almost all be explained as coming from engineering sessions and extra-ordinary instrument setup.
- Testing of j_ima_iros-7.1 at ESAC awaits the new version where electronic efficiency is corrected for.
- Update of ADD and Analysis User Manual wrt. images from j_ima_iros will be done when next OSA release is upcoming.
- The JEM-X contribution to the cross-calibration report has been delivered but an attempt to find the Crab spectrum from ‘first principles’ will be done by CBJ and NJW for the IACHEC meeting in May 2008.
- The regular SPAG table generation (approx. two per year) will be started by SB and CAO.
- Simona Soldi has submitted SPR 4775 as an action to remove the BKG level from the GUI.

j_ima_iros developments (NL): New correction terms have been found and the electronic efficiency has been included (see presentation by NL).

j_ima_cross (NJW): Still in (although a little slow) progress.

j_ima_properties (NL, NJW): To be continued as soon as j_ima_iros produces reasonable fluxes and images.

IC status (NJW): See actions above.

Source contamination (JC): See action below.

New action items:

- CBJ: Make electronic efficiency curve for JMX2 before revolution 170.
- NL, JC: Compare flux determination with mosaic_spec from j_ima_iros images with those from SRCL-RES in order to determine the correction terms for the images.
- SB: Put the Xe line position question on the Monday Meeting agenda
- NJW: Use Xe-line energy resolution for RMF redistribution matrices. Perhaps the same epochs should be used for both IMOD and RMF since the SPAG table influences the RMF.
- ALL: Describe the contamination from source to source as seen in j_src_spectra and j_src_lc in improved terms and put the description in both the Analysis User Manual, the Cookbook and the Observer's Manual. The use of the j_ima_iros image to resolve the question should also be mentioned.
- NJW: Make an SPR for j_src_spectra and j_src_lc to (be able to) use the RA_CAT and DEC_CAT columns in SRCL-RES.

/NJW