

EPIC BG working group: 10th meeting: 29/03/11, Mallorca

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Agenda 10:00 - 13:00 (coffee break 11:30-11:50)

Introduction and action items

AR

Updates to the Blank Sky Project

JC

BGWG SOC activities/PN treatment in ESAS

IdC

PN treatment in ESAS/SAS 11 validation

CG

ESAS calibration files and configuration control

CG

New QPB files and the evolution of anomalous states

KK

BKG 2.0 - Moving beyond the current limits in EPIC background modeling

SM

Discussion/Summing-up/AOB/Plans for the next period/Next meeting

All

Apologies:

Steve Snowden

Wolfgang Pietsch

# **1 Open action Items from last meetings (AR)**

AI\_EPIC\_BG\_WG\_03\_08: on MF: UHB update section 3.2.4: outside FoV eff. area (up to 80 arcmin), Update of CCF (currently not supported, calview, 15 arcmin, TBC) **OPEN** – provide numbers from simulations by B. Aschenbach  
AI\_EPIC\_BG\_WG\_03\_10: on SM: provide BGWG with script on bkg treatment in spectral analysis (after publication of related paper) – **OPEN**

AI\_EPIC\_BG\_WG\_04\_02: on SS/K. Kuntz: try to extend MOS tools such that they also work for EPIC-pn by about June 2007 – **ONGOING** (see presentation KK)

AI\_EPIC\_BG\_WG\_06\_07: On SM: to provide new threshold numbers for the Fin/Fout tool to AR to allow him another update of that script (specifically to account for the MOS1 CCD6 loss) – **OPEN**

AI\_EPIC\_BG\_WG\_07\_07 On CG & IdC: to check BGWG pages from a users point of view and to provide ideas for further improvement of the documentation – **OPEN**

AI\_EPIC\_BG\_WG\_07\_08 On CG & IdC: to consider preparation of simple analysis threads and recipes for the analysis of extended sources (mentioning complexity & different approaches) – **ONGOING** (documentation of esas SAS task & thread needed)

AI\_EPIC\_BG\_WG\_08\_01 On JC: Add example current Blank Sky files to web form so that 'standard' requests might be fulfilled avoiding duplications of such requests - **ONGOING**

AI\_EPIC\_BG\_WG\_08\_04 On AR & JC: Consider and plan the long term support for the Blank Sky - delivery system, i.e. a transfer from the semi- to a full-automatic system  
**ONGOING**

AI\_EPIC\_BG\_WG\_08\_05 On KK & CG: Discuss possibilities to simplify the calibration files for esas -- **ONGOING (SS working on it)**

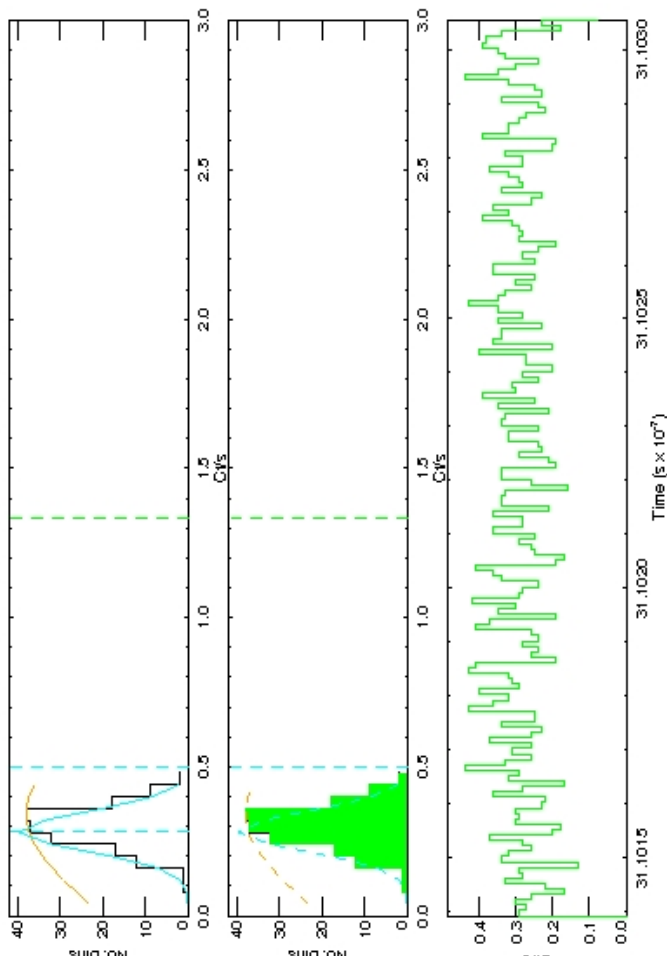
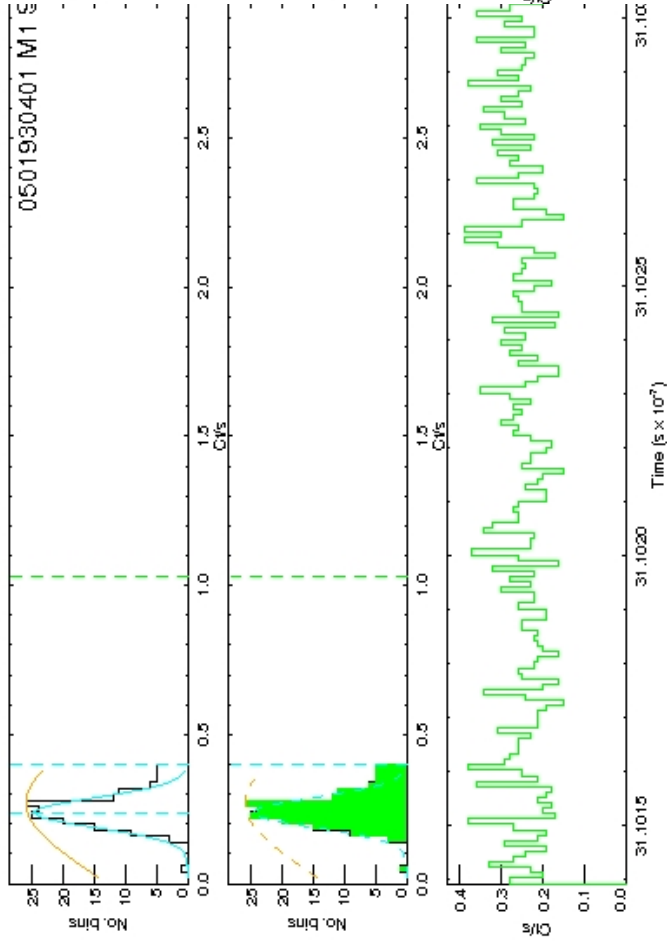
## New action items resulting from last meeting

AI\_EPIC\_BG\_WG\_09\_02 On IdC: Update FWC repository at the SOC. Extend current work to the rest of pn mode and MOS. Before updating the repository, compare with data from the old repository and investigate increase of the count rate with time. Add plots and update information on the FWC data web pages.

AI\_EPIC\_BG\_WG\_09\_07 On CG: To decide on the update of MOS QPB data base by the SOC.

End of actions

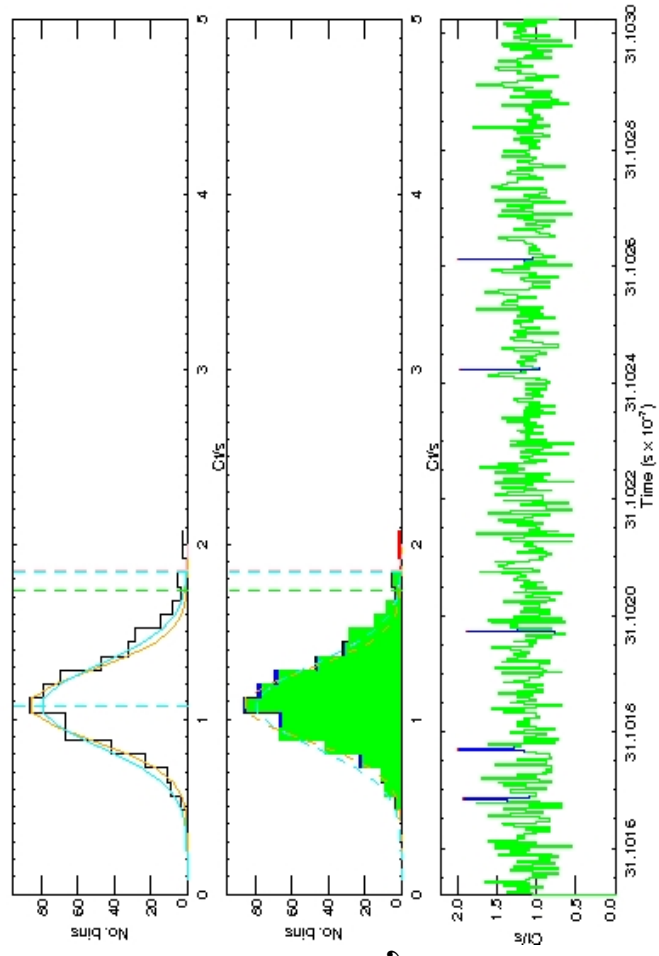




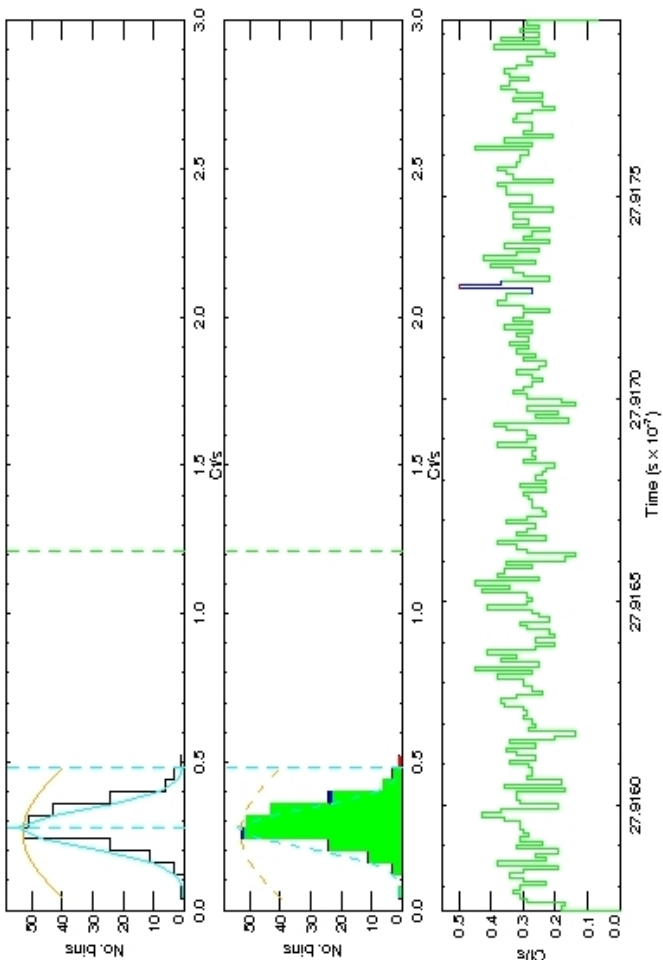
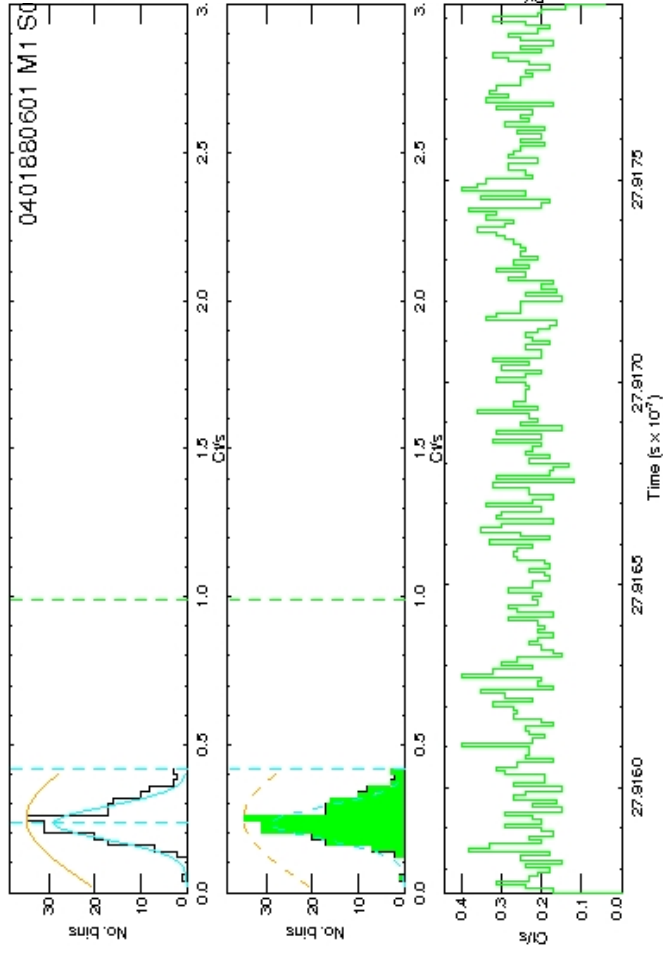
M1, M2

pn

Same OBSID, same pointing, source-free, screened, clean BS dataset, post flare-cleaning, low FinFout InFOV (r=3000-12000) lightcurve (100s MOS, 25s pn), 2-12keV, PATTERN=0 (same effect with FLAG=0)



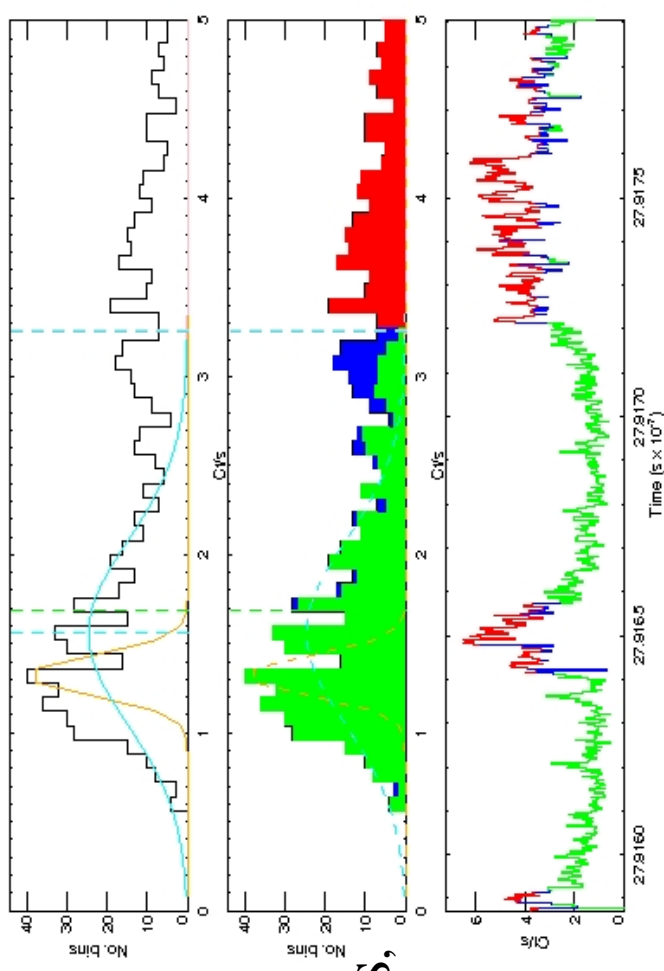


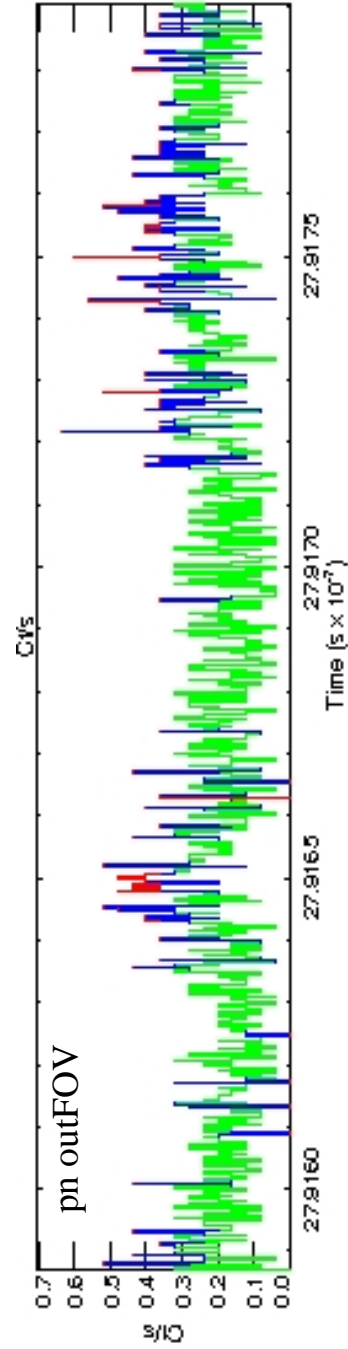
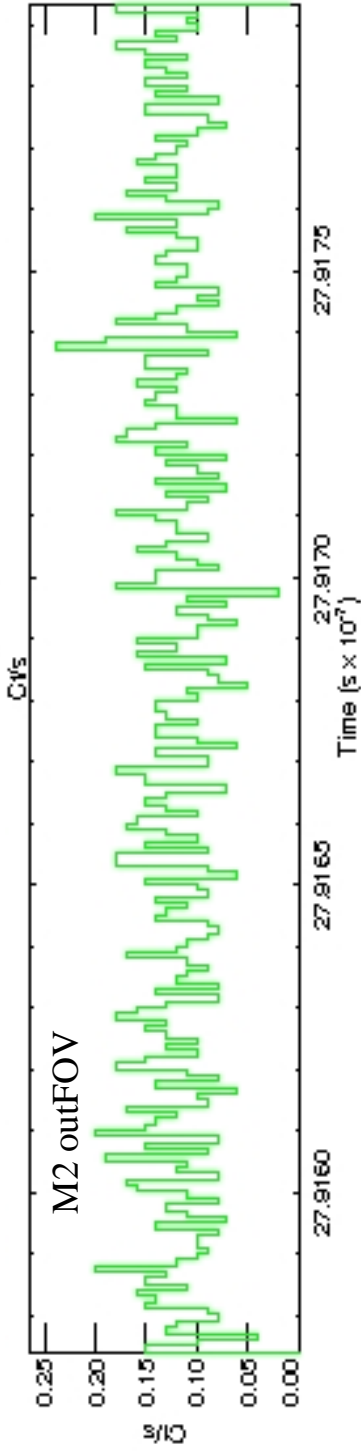
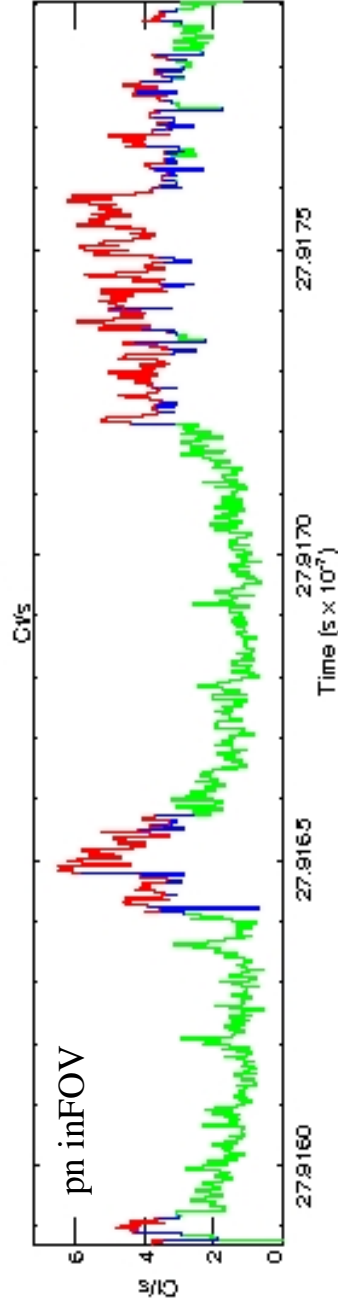
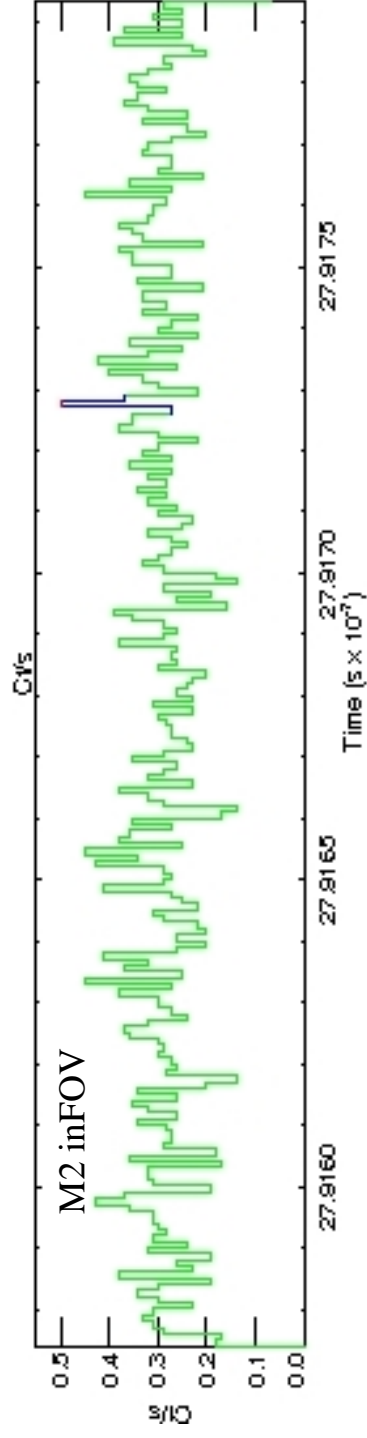


M1, M2

pn

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 InFOV (r=3000-12000) lightcurve (100s MOS, 25s pn), 2-12keV, PATTERN=0 (same effect with FLAG=0)





End