Chandra X-ray Center

Seq Num: 400351
Obs ID: 4568
PI: Dr Jon Miller

Instrument: ACIS
Source: 4U 1630-472
Grating: HETG
Title: Resolving Relativistic Effects and the Accretion Flow Geometry of a Black Hole in Outburst

Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.11.6	ASCDS version number
DATE	2008-04-11T21:56:57	Date and time of file creation
DATE-OBS	2004-08-04T13:25:37	Observation start date
DATE-END	2004-08-05T04:06:52	Observation end date
RA_PNT	248.49900501418	Pointing RA
DEC_PNT	-47.392846065007	Pointing Dec
ROLL_PNT	275.61201509292	Pointing Roll
RA_TARG	248.501667	Observer's specified target RA
DEC_TARG	-47.394167	Observer's specified target Dec
DATAMODE	CC33_GRADED	Data mode
READMODE	CONTINUOUS	Read mode
FP_TEMP	153.4460144	Focal Plane Temperature [K]
FSW_VERS	31	ACIS flight software version number

Level 2 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.11.6	ASCDS version number
DATE	2008-04-11T22:30:58	Date and time of file creation
DATE-OBS	2004-08-04T13:25:37	Observation start date
DATE-END	2004-08-05T04:06:52	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-456789	Detector
GRATING	HETG	Grating
OBJECT	4U 1630-472	Source name
TITLE	Resolving Relativistic Effects and the Accretion Flow Geometry of a Black Hole in Outburst	Proposal title
OBSERVER	Dr Jon Miller	Principal investigator
OBS_ID	4568	Observation id
SEQ_NUM	400351	Sequence number
RA_NOM	248.49900501418	Nominal RA
DEC_NOM	-47.392846065007	Nominal Dec
ROLL_NOM	275.61201509292	Nominal Roll

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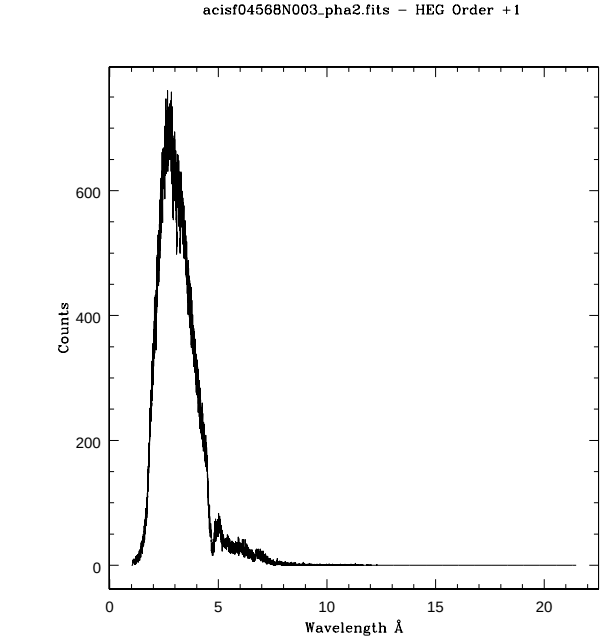
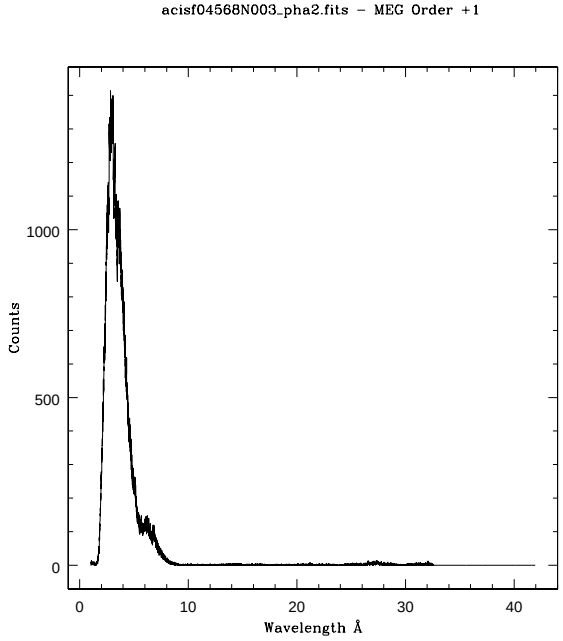
HEG +1 Order



MEG +1 Order