Chandra X-ray Center

Seq Num: 400302
Obs ID: 3815
PI: Prof. Walter Lewin

Instrument: ACIS
Source: CYGNUS X-1
Grating: HETG
Title: RESOLVING THE LOW/HARD STATE OF CYGNUS X-1 WITH CHANDRA

Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.8	ASCDS version number
DATE	2006-07-22T22:56:20	Date and time of file creation
DATE-OBS	2003-03-04T15:46:06	Observation start date
DATE-END	2003-03-05T08:24:38	Observation end date
RA_PNT	299.59103990999	Pointing RA
DEC_PNT	35.199425153893	Pointing Dec
ROLL_PNT	55.164333738585	Pointing Roll
RA_TARG	299.590417	Observer's specified target RA
DEC_TARG	35.201611	Observer's specified target Dec
DATAMODE	CC33_GRADED	Data mode
READMODE	CONTINUOUS	Read mode
FP_TEMP	153.4460144	Focal Plane Temperature [K]
FSW_VERS	30	ACIS flight software version number

Level 2 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.8	ASCDS version number
DATE	2006-07-23T02:26:30	Date and time of file creation
DATE-OBS	2003-03-04T15:46:06	Observation start date
DATE-END	2003-03-05T08:24:38	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-456789	Detector
GRATING	HETG	Grating
OBJECT	CYGNUS X-1	Source name
TITLE	RESOLVING THE LOW/HARD STATE OF CYGNUS X-1 WITH CHANDRA	Proposal t
OBSERVER	Prof. Walter Lewin	Principal investigator
OBS_ID	3815	Observation id
SEQ_NUM	400302	Sequence number
RA_NOM	299.59103990999	Nominal RA
DEC_NOM	35.199425153893	Nominal Dec
ROLL_NOM	55.164333738585	Nominal Roll

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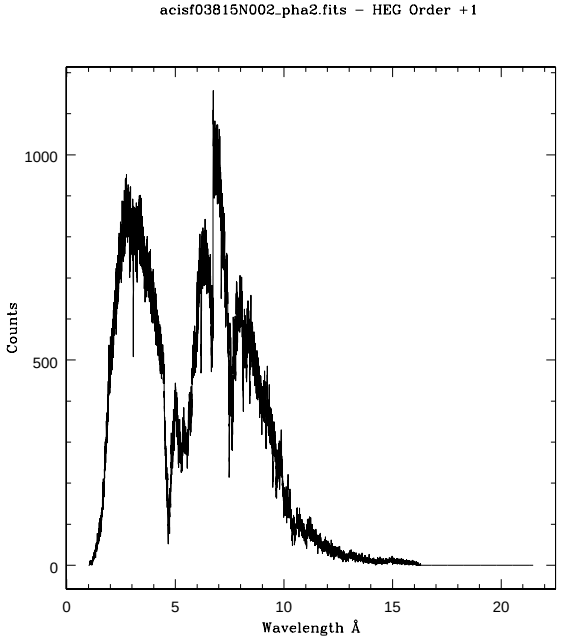
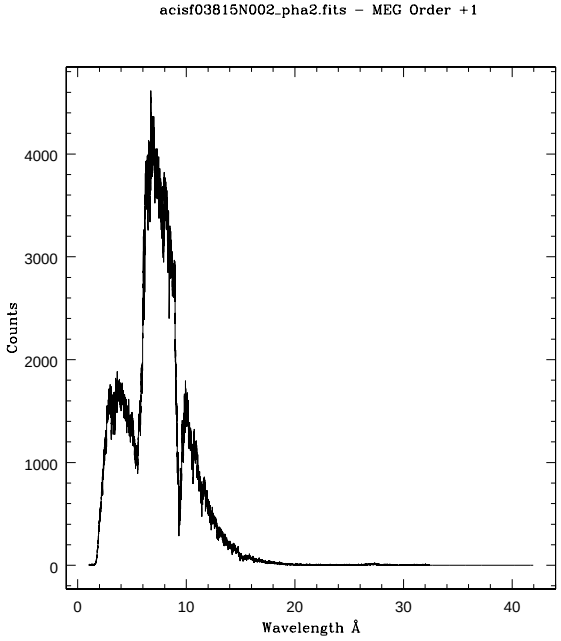
HEG +1 Order



MEG +1 Order