Chandra X-ray Center

Seq Num: 701164

Instrument: ACIS

Obs ID: 5742

Source: M87

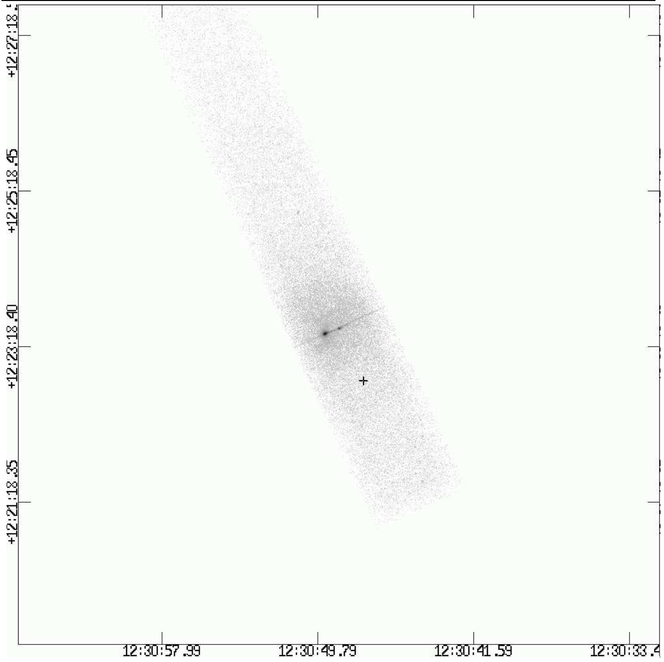
PI: Dr. John Biretta

Title: The X-ray Flares of Knot 'HST-1' in the M87 Jet (monitoring)

---

acisf05742N002 full img2.fits

acisf05742N002 cntr img2.fits



Chandra X-ray Center

Seq Num: 701164

Instrument: ACIS

Obs ID: 5742

Source: M87

PI: Dr. John Biretta

Title: The X-ray Flares of Knot 'HST-1' in the M87 Jet (monitoring)

Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-03-10T16:59:09	Date and time of file creation
DATE-OBS	2005-06-21T01:39:21	Observation start date
DATE-END	2005-06-21T03:33:02	Observation end date
RA_PNT	187.69736356058	Pointing RA
DEC_PNT	12.381094961744	Pointing Dec
ROLL_PNT	245.5949958815	Pointing Roll
RA_TARG	187.704167	Observer's specified target RA
DEC_TARG	12.391667	Observer's specified target Dec
DATAMODE	FAINT	Data mode
READMODE	TIMED	Read mode
FP_TEMP	153.2848053	Focal Plane Temperature [K]
FSW_VERS	31	ACIS flight software version number

Level 2 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-03-10T17:21:38	Date and time of file creation
DATE-OBS	2005-06-21T01:39:21	Observation start date
DATE-END	2005-06-21T03:33:02	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-7	Detector
GRATING	NONE	Grating
OBJECT	M87	Source name
TITLE	The X-ray Flares of Knot 'HST-1' in the M87 Jet (monitoring)	Pro
OBSERVER	Dr. John Biretta	Principal investigator
OBS_ID	5742	Observation id
SEQ_NUM	701164	Sequence number
RA_NOM	187.69736356058	Nominal RA
DEC_NOM	12.381094961744	Nominal Dec
ROLL_NOM	245.5949958815	Nominal Roll

Chandra X-ray Center

Seq Num: 701164

Instrument: ACIS

Obs ID: 5742

Source: M87

PI: Dr. John Biretta

Title: The X-ray Flares of Knot 'HST-1' in the M87 Jet (monitoring)

Full Field with Sources

List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
187.705736	12.391229	6029.856934	92.908829	64.900795
187.702629	12.392354	967.285706	39.950264	24.212248
187.701017	12.393127	110.000000	19.403690	5.669025
187.704124	12.391786	117.571426	25.400692	4.628670
187.703562	12.391997	100.428574	22.016855	4.561440
187.711615	12.417210	38.428570	9.700082	3.961675
187.707990	12.390162	52.571430	13.891404	3.784458
187.684431	12.359540	25.571428	8.017573	3.189422
187.704068	12.395055	45.571430	14.444511	3.154931