Chandra X-ray Center

Seq Num: 600475

Instrument: ACIS

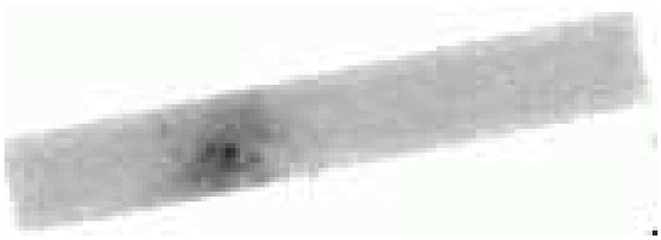
Obs ID: 6097

Source: M82 ULX

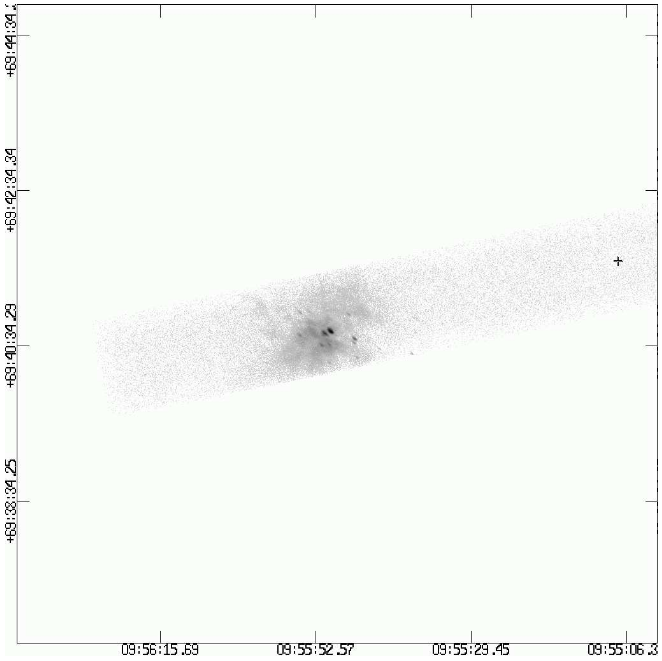
PI: Prof. Philip Kaaret

Title: A State Transition of the Ultraluminous X-Ray Source in M82

acisf06097N002 full img2.fits



acisf06097N002 cntr img2.fits



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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7	ASCDS version number
DATE	2006-02-21T23:25:01	Date and time of file creation
DATE-OBS	2005-02-04T23:34:40	Observation start date
DATE-END	2005-02-05T16:09:53	Observation end date
RA_PNT	148.78135553357	Pointing RA
DEC_PNT	69.69472526767	Pointing Dec
ROLL_PNT	168.08531185279	Pointing Roll
RA_TARG	148.959167	Observer's specified target RA
DEC_TARG	69.679722	Observer's specified target Dec
DATAMODE	FAINT	Data mode
READMODE	TIMED	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	7.6.7	ASCDS version number
DATE	2006-02-22T01:53:51	Date and time of file creation
DATE-OBS	2005-02-04T23:34:40	Observation start date
DATE-END	2005-02-05T16:09:53	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-7	Detector
GRATING	NONE	Grating
OBJECT	M82 ULX	Source name
TITLE	A State Transition of the Ultraluminous X-Ray Source in M82	Propos
OBSERVER	Prof. Philip Kaaret	Principal investigator
OBS_ID	6097	Observation id
SEQ_NUM	600475	Sequence number
RA_NOM	148.78135553357	Nominal RA
DEC_NOM	69.69472526767	Nominal Dec
ROLL_NOM	168.08531185279	Nominal Roll

Chandra X-ray Center

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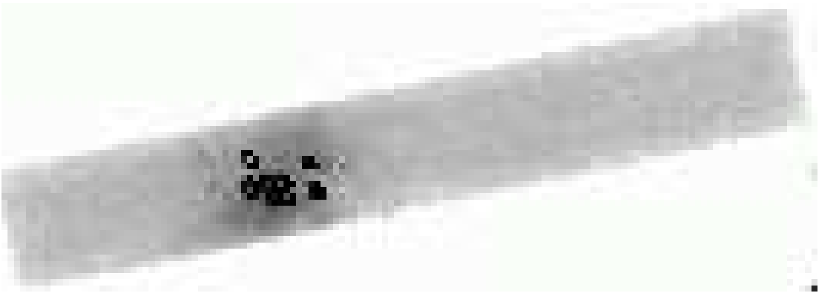
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
148.958707	69.679640	45675.000000	245.538528	186.019684
148.963005	69.679239	7795.000000	143.480057	54.328110
148.944244	69.677877	1952.857178	55.624794	35.107674
148.944047	69.678087	1602.977295	47.731945	33.582905
148.965037	69.676626	1331.285767	89.985069	14.794518
148.959540	69.677104	1179.428589	95.962151	12.290561
148.970111	69.679339	1085.714233	91.300819	11.891616
148.977872	69.678720	680.285706	65.916512	10.320415
148.947754	69.683288	288.215912	30.499329	9.449910
148.978025	69.683700	244.000000	28.779074	8.478382