Chandra X-ray Center

Seq Num: 600463

Instrument: ACIS

Obs ID: 5944

Source: M81

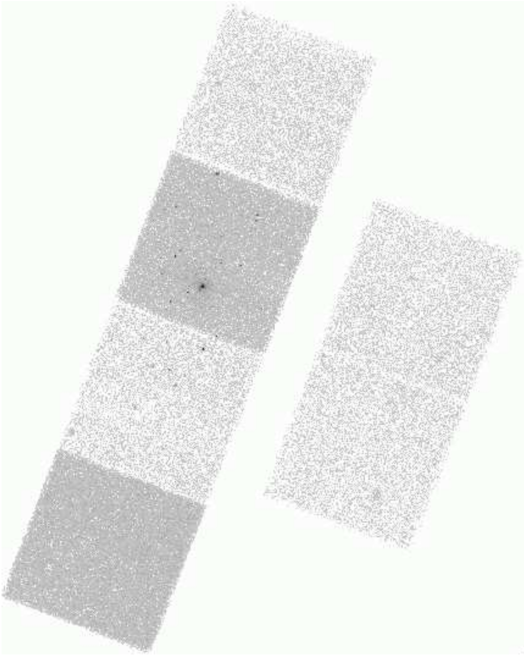
PI: Dr. David Pooley

Title: An Unprecedented View of a Galaxy's Dynamic X-ray Source Population

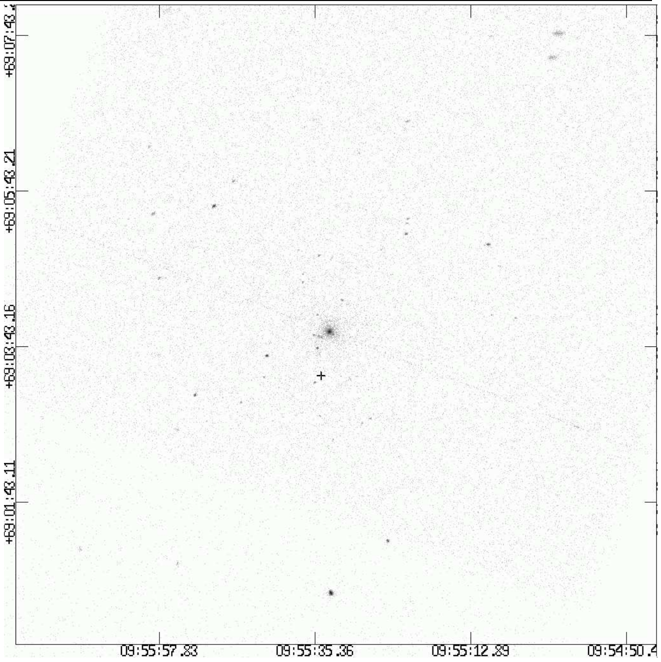
---

---

acisf05944N002 full img2.fits



acisf05944N002 cntr img2.fits



Chandra X-ray Center Seq Num: 600463

Instrument: ACIS Obs ID: 5944

Source: M81 PI: Dr. David Pooley

Title: An Unprecedented View of a Galaxy's Dynamic X-ray Source Population

Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-03-10T17:32:58	Date and time of file creation
DATE-OBS	2005-06-21T05:20:59	Observation start date
DATE-END	2005-06-21T09:15:21	Observation end date
RA_PNT	148.8933966943	Pointing RA
DEC_PNT	69.055798580759	Pointing Dec
ROLL_PNT	290.96355123406	Pointing Roll
RA_TARG	148.888333	Observer's specified target RA
DEC_TARG	69.065306	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	7.6.7.1	ASCDS version number
DATE	2006-03-10T18:44:44	Date and time of file creation
DATE-OBS	2005-06-21T05:20:59	Observation start date
DATE-END	2005-06-21T09:15:21	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-235678	Detector
GRATING	NONE	Grating
OBJECT	M81	Source name
TITLE	An Unprecedented View of a Galaxy's Dynamic X-ray Source Population	
OBSERVER	Dr. David Pooley	Principal investigator
OBS_ID	5944	Observation id
SEQ_NUM	600463	Sequence number
RA_NOM	148.8933966943	Nominal RA
DEC_NOM	69.055798580759	Nominal Dec
ROLL_NOM	290.96355123406	Nominal Roll

Chandra X-ray Center

Seq Num: 600463

Instrument: ACIS

Obs ID: 5944

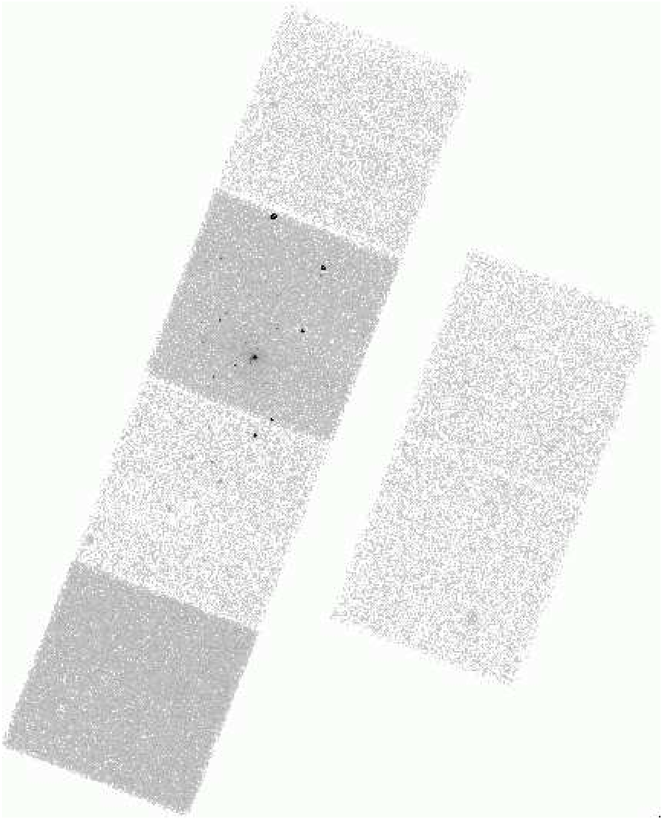
Source: M81

PI: Dr. David Pooley

Title: An Unprecedented View of a Galaxy's Dynamic X-ray Source Population

---

Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
148.887464	69.009327	1143.000000	39.518753	28.922976
148.888205	69.065318	987.857117	46.132755	21.413357
148.957646	69.092201	368.285706	21.509838	17.121735
148.925751	69.060131	354.714294	20.758039	17.088045
148.850826	69.165984	300.105011	21.076677	14.238725
148.853406	69.020474	185.428574	15.129733	12.255905
148.968785	69.051688	164.857147	14.649058	11.253771
148.895585	69.061794	137.571426	13.744031	10.009541
148.793078	69.083960	143.142853	14.596345	9.806761
148.750831	69.129151	138.958328	15.249152	9.112529