Chandra X-ray Center

Seq Num: 600320

Instrument: ACIS

Obs ID: 3946

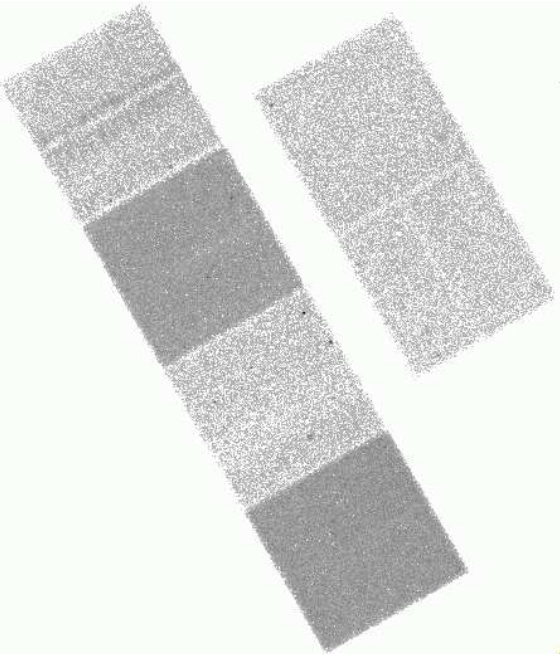
Source: NGC 1831

PI: Dr. Andrea Prestwich

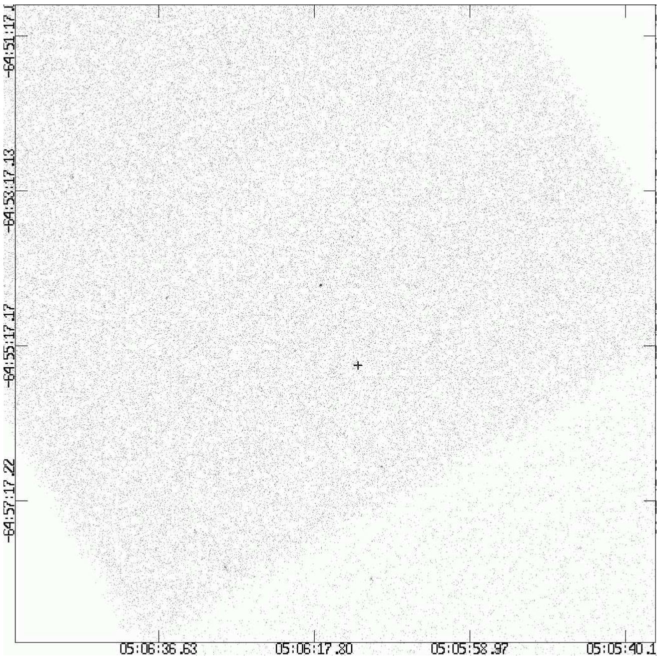
Title: CHANDRA OBSERVATIONS OF RICH LMC STAR CLUSTERS

---

acisf03946N002 full img2.fits



acisf03946N002 cntr img2.fits



Chandra X-ray Center Seq Num: 600320

Instrument: ACIS Obs ID: 3946

Source: NGC 1831 PI: Dr. Andrea Prestwich

Title: CHANDRA OBSERVATIONS OF RICH LMC STAR CLUSTERS

Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.8	ASCDS version number
DATE	2006-07-30T09:16:09	Date and time of file creation
DATE-OBS	2003-04-07T23:00:08	Observation start date
DATE-END	2003-04-08T06:34:06	Observation end date
RA_PNT	76.552075692436	Pointing RA
DEC_PNT	-64.925755413011	Pointing Dec
ROLL_PNT	240.19447899877	Pointing Roll
RA_TARG	76.566667	Observer's specified target RA
DEC_TARG	-64.918333	Observer's specified target Dec
DATAMODE	FAINT	Data mode
READMODE	TIMED	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	2006-07-30T09:40:02	Date and time of file creation
DATE-OBS	2003-04-07T23:00:08	Observation start date
DATE-END	2003-04-08T06:34:06	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-235678	Detector
GRATING	NONE	Grating
OBJECT	NGC 1831	Source name
TITLE	CHANDRA OBSERVATIONS OF RICH LMC STAR CLUSTERS	Proposal title
OBSERVER	Dr. Andrea Prestwich	Principal investigator
OBS_ID	3946	Observation id
SEQ_NUM	600320	Sequence number
RA_NOM	76.552075692436	Nominal RA
DEC_NOM	-64.925755413011	Nominal Dec
ROLL_NOM	240.19447899877	Nominal Roll

Chandra X-ray Center

Seq Num: 600320

Instrument: ACIS

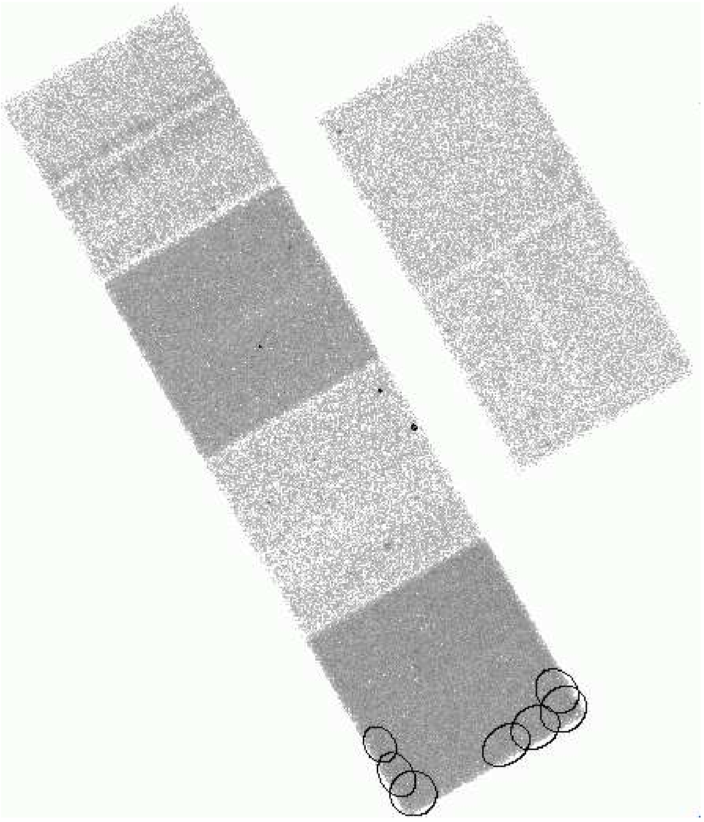
Obs ID: 3946

Source: NGC 1831

PI: Dr. Andrea Prestwich

Title: CHANDRA OBSERVATIONS OF RICH LMC STAR CLUSTERS

Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
76.373719	-64.939341	322.428558	22.747931	14.173974
76.069616	-65.160520	665.657837	55.037666	12.094586
76.317536	-65.219556	593.631226	53.252338	11.147514
76.318489	-64.964718	115.052498	14.041490	8.193753
76.570686	-64.908466	86.571426	11.541268	7.501032
76.163956	-65.185568	375.518280	52.878189	7.101572
76.080627	-65.147836	365.546417	53.270008	6.862144
76.345385	-65.206670	309.156250	47.466530	6.513142
76.373241	-65.185667	267.500000	41.245541	6.485549
76.116117	-65.173138	354.534882	56.524178	6.272270