Chandra X-ray Center

Seq Num: 800554

Instrument: ACIS

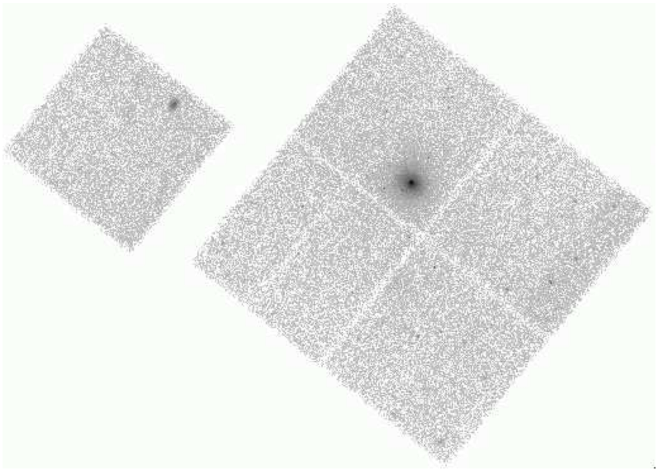
Obs ID: 6106

Source: MACS0159.8-0849

PI: Dr Steven Allen

Title: Probing dark energy using the X-ray gas mass fraction in dynamically relaxed galaxy clusters

acisf06106N002 full img2.fits



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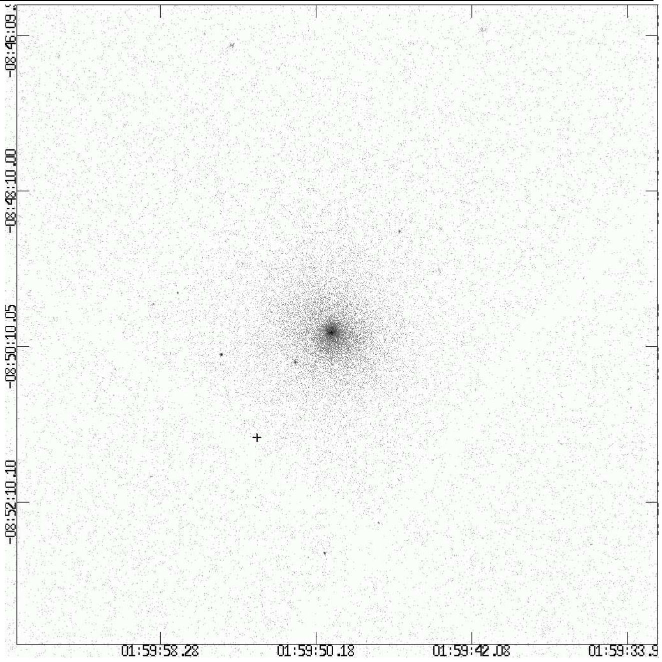

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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-04-08T13:14:16	Date and time of file creation
DATE-OBS	2004-12-04T11:45:29	Observation start date
DATE-END	2004-12-04T22:23:24	Observation end date
RA_PNT	29.971764394459	Pointing RA
DEC_PNT	-8.8556610192262	Pointing Dec
ROLL_PNT	308.61322742178	Pointing Roll
RA_TARG	29.955833	Observer's specified target RA
DEC_TARG	-8.832917	Observer's specified target Dec
DATAMODE	VFAINT	Data mode
READMODE	TIMED	Read mode
FP_TEMP	153.60722351	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	2006-04-08T14:20:18	Date and time of file creation
DATE-OBS	2004-12-04T11:45:29	Observation start date
DATE-END	2004-12-04T22:23:24	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-01236	Detector
GRATING	NONE	Grating
OBJECT	MACS0159.8-0849	Source name
TITLE	Probing dark energy using the X-ray gas mass fraction in dynamically relaxed galaxy clusters	Proposal title
OBSERVER	Dr Steven Allen	Principal investigator
OBS_ID	6106	Observation id
SEQ_NUM	800554	Sequence number
RA_NOM	29.971764394459	Nominal RA
DEC_NOM	-8.8556610192262	Nominal Dec
ROLL_NOM	308.61322742178	Nominal Roll

Chandra X-ray Center Seq Num: 800554

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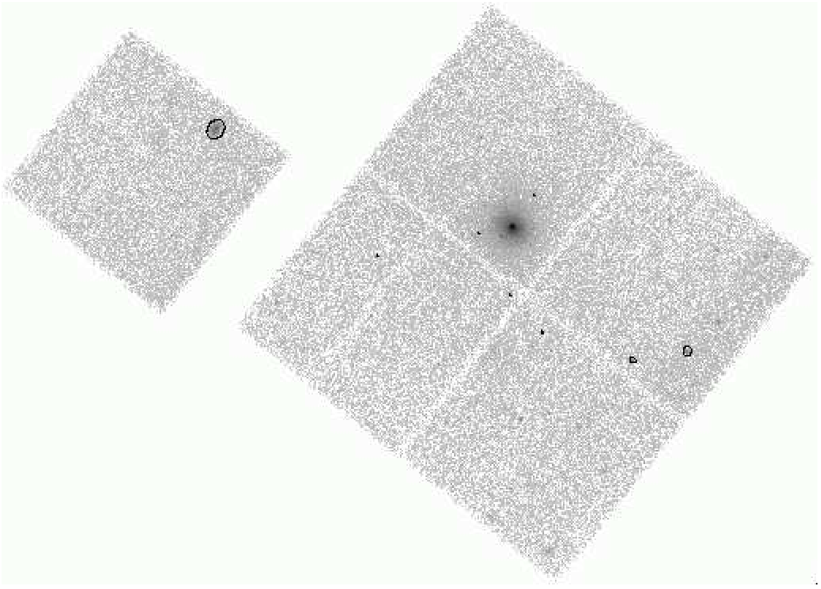
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
30.163560	-8.766186	631.252502	34.009003	18.561335
29.979454	-8.837820	133.142853	13.284492	10.022428
29.935366	-8.906434	92.795456	11.812446	7.855736
29.833701	-8.919360	105.579544	14.970972	7.052284
30.050749	-8.853695	58.000000	8.990870	6.450988
29.955689	-8.833220	178.857147	30.058224	5.950356
29.957103	-8.880365	51.714287	8.850558	5.843053
29.963449	-8.839499	58.571430	11.294973	5.185619
29.940873	-8.811445	41.238636	8.150754	5.059487
29.871528	-8.925669	55.131035	11.057686	4.985766