Chandra X-ray Center

Seq Num: 800549

Instrument: ACIS

Obs ID: 6101

Source: Abell 2029

PI: Dr Steven Allen

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

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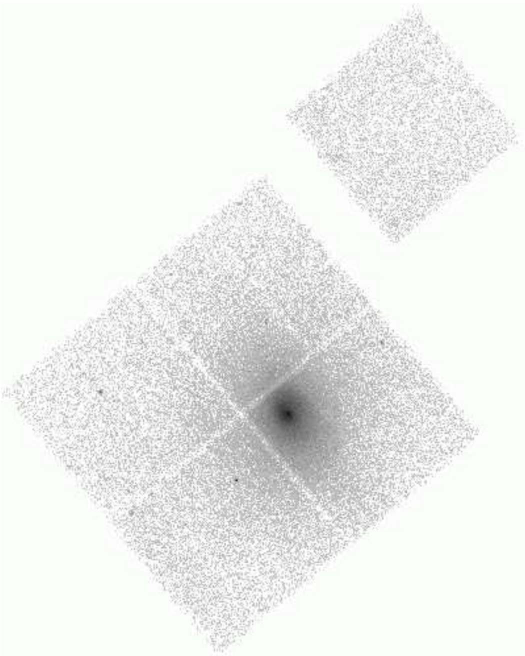
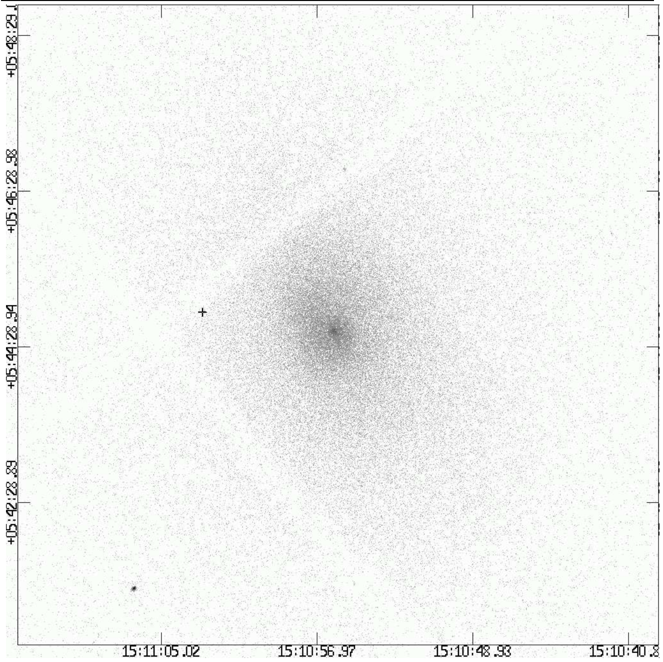
acisf06101N003 full img2.fits



acisf06101N003 cntr img2.fits



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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-04-10T13:33:54	Date and time of file creation
DATE-OBS	2004-12-17T03:34:45	Observation start date
DATE-END	2004-12-17T06:48:21	Observation end date
RA_PNT	227.76196531264	Pointing RA
DEC_PNT	5.7487251238759	Pointing Dec
ROLL_PNT	50.15621785559	Pointing Roll
RA_TARG	227.734167	Observer's specified target RA
DEC_TARG	5.744583	Observer's specified target Dec
DATAMODE	VFAINT	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	2006-04-10T14:04:01	Date and time of file creation
DATE-OBS	2004-12-17T03:34:45	Observation start date
DATE-END	2004-12-17T06:48:21	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-01236	Detector
GRATING	NONE	Grating
OBJECT	Abell 2029	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	6101	Observation id
SEQ_NUM	800549	Sequence number
RA_NOM	227.76196531264	Nominal RA
DEC_NOM	5.7487251238759	Nominal Dec
ROLL_NOM	50.15621785559	Nominal Roll

Chandra X-ray Center

Seq Num: 800549

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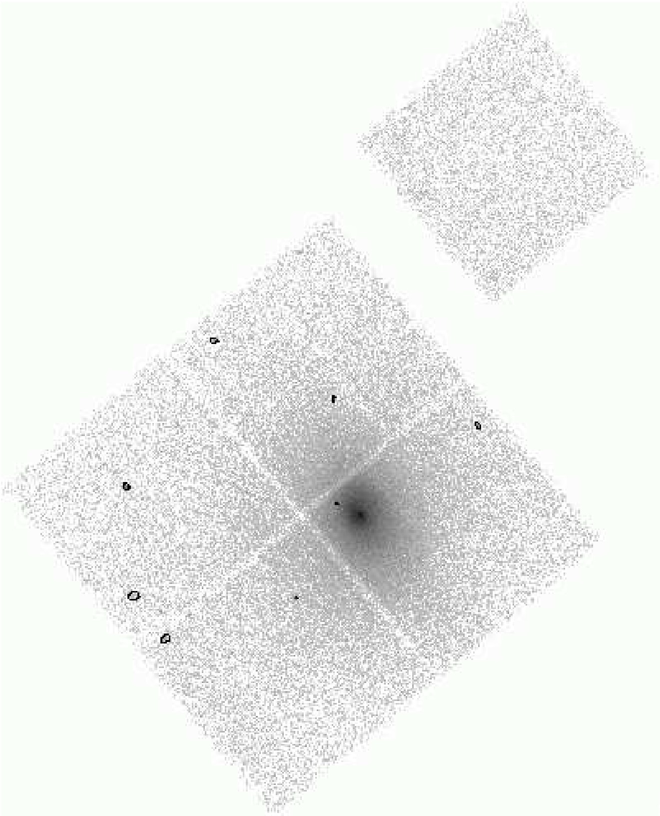
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
227.776648	5.689666	518.511353	24.681902	21.007755
227.890407	5.763206	103.458336	12.825927	8.066343
227.890314	5.763106	100.193184	12.573394	7.968667
227.655255	5.803735	73.055176	10.783501	6.774718
227.751966	5.820110	33.714287	7.591296	4.441177
227.831598	5.860272	24.958334	6.629393	3.764799
227.864240	5.662029	31.666666	8.456709	3.744561
227.751731	5.822462	23.142857	7.317101	3.162845
227.885342	5.690387	21.833334	7.004494	3.117046
227.749397	5.751587	18.000000	5.845194	3.079453