Chandra X-ray Center

Seq Num: 800540

Instrument: ACIS

Obs ID: 5830

Source: Cygnus A

PI: Dr Andrew Young

Title: Cygnus A — Shock Heating of the Intra-Cluster Medium

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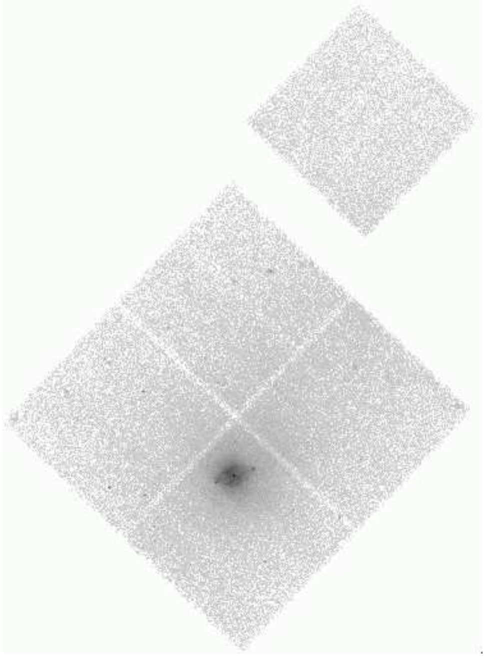
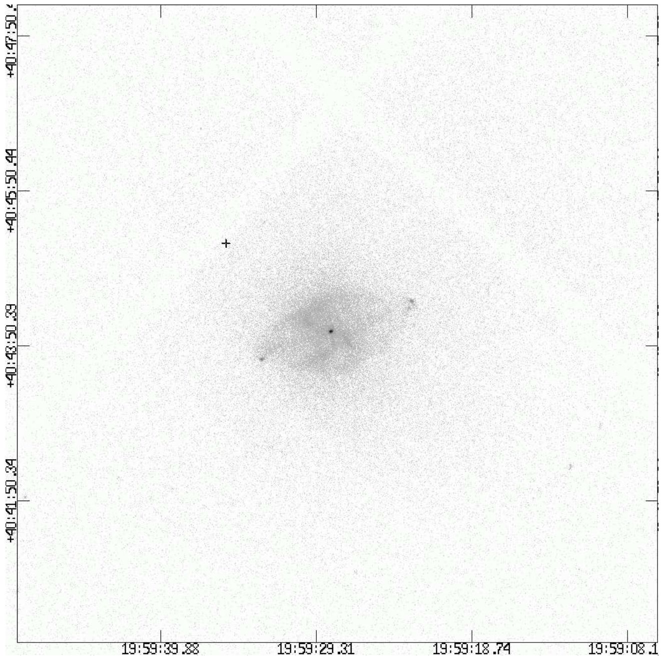
acisf05830N002 full img2.fits



acisf05830N002 cntr img2.fits



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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7	ASCDS version number
DATE	2006-02-25T07:52:52	Date and time of file creation
DATE-OBS	2005-02-22T11:59:54	Observation start date
DATE-END	2005-02-22T18:53:54	Observation end date
RA_PNT	299.89757777061	Pointing RA
DEC_PNT	40.752709777812	Pointing Dec
ROLL_PNT	43.689324760074	Pointing Roll
RA_TARG	299.867917	Observer's specified target RA
DEC_TARG	40.733889	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	ASCDS version number
DATE	2006-02-25T08:38:23	Date and time of file creation
DATE-OBS	2005-02-22T11:59:54	Observation start date
DATE-END	2005-02-22T18:53:54	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-01236	Detector
GRATING	NONE	Grating
OBJECT	Cygnus A	Source name
TITLE	Cygnus A — Shock Heating of the Intra-Cluster Medium	Proposal ti
OBSERVER	Dr Andrew Young	Principal investigator
OBS_ID	5830	Observation id
SEQ_NUM	800540	Sequence number
RA_NOM	299.89757777061	Nominal RA
DEC_NOM	40.752709777812	Nominal Dec
ROLL_NOM	43.689324760074	Nominal Roll

Chandra X-ray Center

Seq Num: 800540

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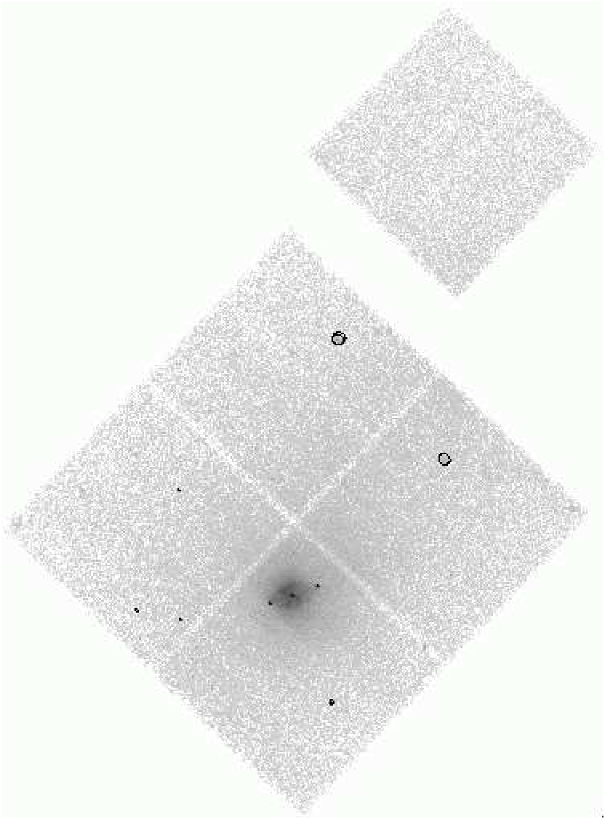
Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
299.867882	40.733798	3534.142822	71.152901	49.669693
299.969919	40.805478	200.857147	16.689404	12.035010
299.887437	40.727807	273.571442	22.825924	11.985120
300.007770	40.723506	170.583328	15.151824	11.258270
299.967970	40.717124	146.795456	14.081928	10.424386
299.844966	40.740339	174.000000	20.546711	8.468509
299.826351	40.908148	143.695007	16.983688	8.460766
299.825847	40.908820	141.393097	17.345835	8.151416
299.832286	40.660570	63.590000	9.930788	6.403318
299.730550	40.826313	87.738640	14.447086	6.073102