Summary Page Created:Thu March 2, 2006 02:42 EST



# Chandra X-ray Center

Seq Num: 800558

Instrument: ACIS

Obs ID: 6110

Source: MACS1311.0-0311

PI: Dr Steven Allen

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

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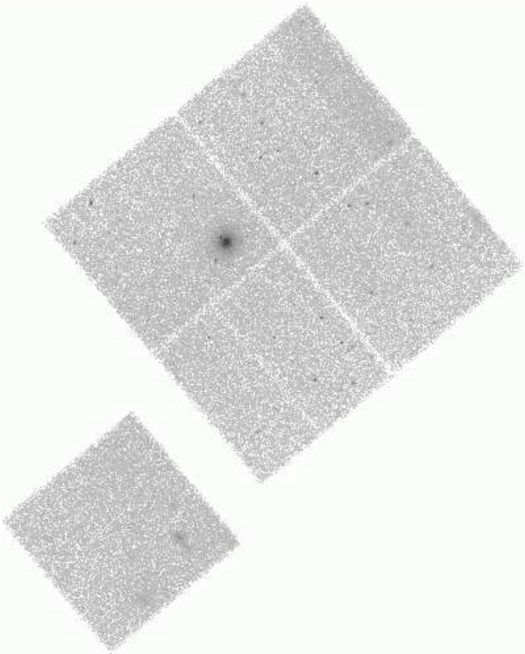
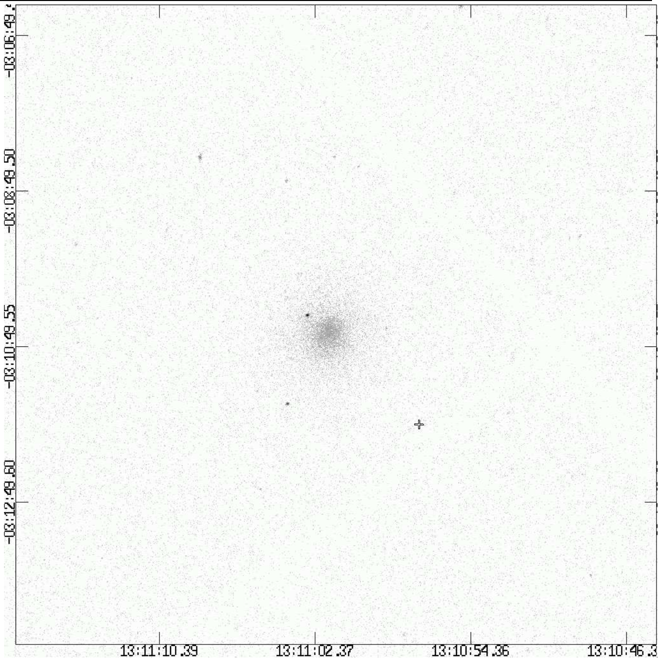
acisf06110N002 full img2.fits



acisf06110N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7 | ASCDS version number |
| DATE | 2006-03-02T06:09:45 | Date and time of file creation |
| DATE-OBS | 2005-04-20T00:02:04 | Observation start date |
| DATE-END | 2005-04-20T18:29:59 | Observation end date |
| RA_PNT | 197.73749852586 | Pointing RA |
| DEC_PNT | -3.1971849195288 | Pointing Dec |
| ROLL_PNT | 230.13344128828 | Pointing Roll |
| RA_TARG | 197.756667 | Observer's specified target RA |
| DEC_TARG | -3.177222 | Observer's specified target Dec |
| DATAMODE | VFAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 154.25218201 | 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 | 2006-03-02T07:41:19 | Date and time of file creation |
| DATE-OBS | 2005-04-20T00:02:04 | Observation start date |
| DATE-END | 2005-04-20T18:29:59 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-01236 | Detector |
| GRATING | NONE | Grating |
| OBJECT | MACS1311.0-0311 | 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 | 6110 | Observation id |
| SEQ_NUM | 800558 | Sequence number |
| RA_NOM | 197.73749852586 | Nominal RA |
| DEC_NOM | -3.1971849195288 | Nominal Dec |
| ROLL_NOM | 230.13344128828 | Nominal Roll |

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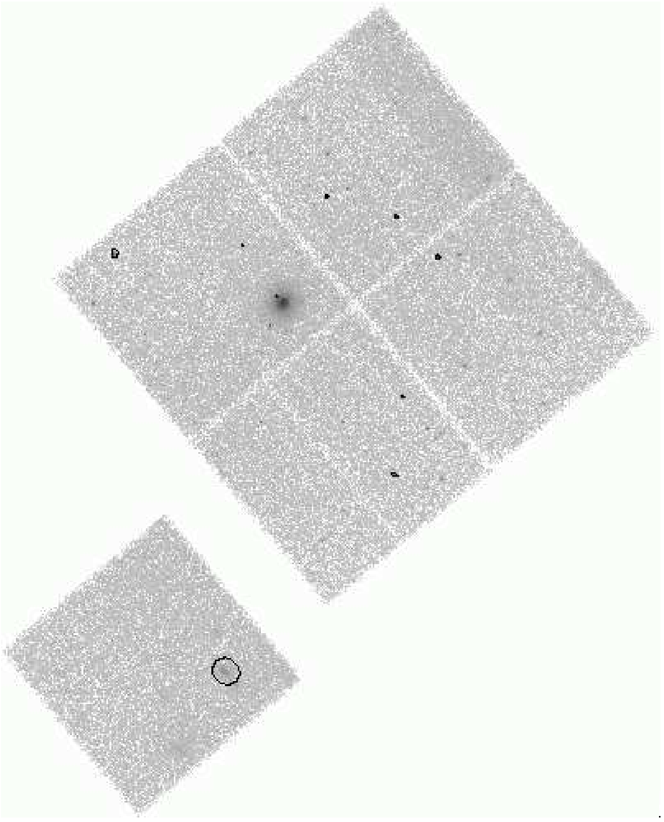
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 197.761374 | -3.173695 | 835.714294 | 31.665958 | 26.391567 |
| 197.681814 | -3.120252 | 250.386368 | 18.693253 | 13.394478 |
| 197.765645 | -3.192659 | 228.714279 | 17.251513 | 13.257636 |
| 197.869571 | -3.145162 | 188.181824 | 17.406576 | 10.810962 |
| 197.795354 | -3.422921 | 347.294128 | 32.790882 | 10.591180 |
| 197.654439 | -3.147371 | 146.113632 | 14.348525 | 10.183182 |
| 197.677690 | -3.240634 | 148.857147 | 14.924890 | 9.973752 |
| 197.683072 | -3.292166 | 135.667496 | 14.256550 | 9.516152 |
| 197.784424 | -3.139812 | 115.428574 | 13.395861 | 8.616735 |
| 197.728396 | -3.107263 | 101.500000 | 12.642900 | 8.028221 |