# Chandra X-ray Center

Seq Num: 800311

Instrument: ACIS

Obs ID: 3590

Source: MACS-J1226.8+2153

PI: DR. LEON VANSPEYBROECK

Title: X-RAY/SZ DETERMINATION OF COSMOLOGICAL PARAMETERS

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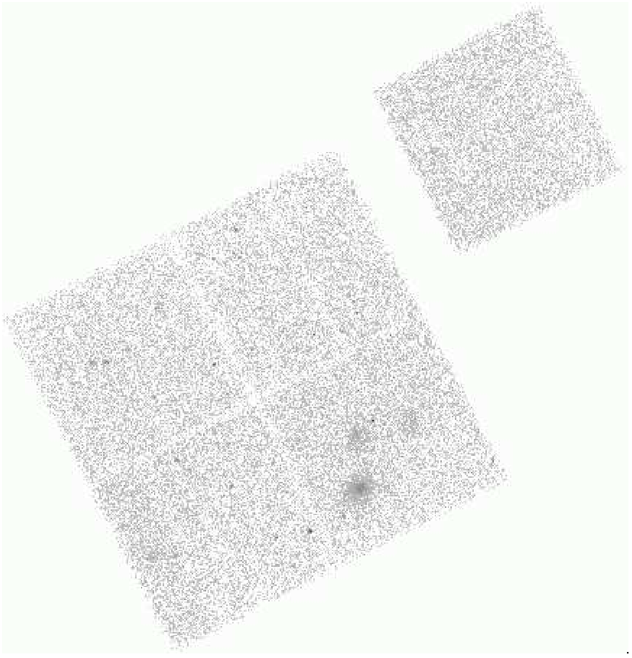
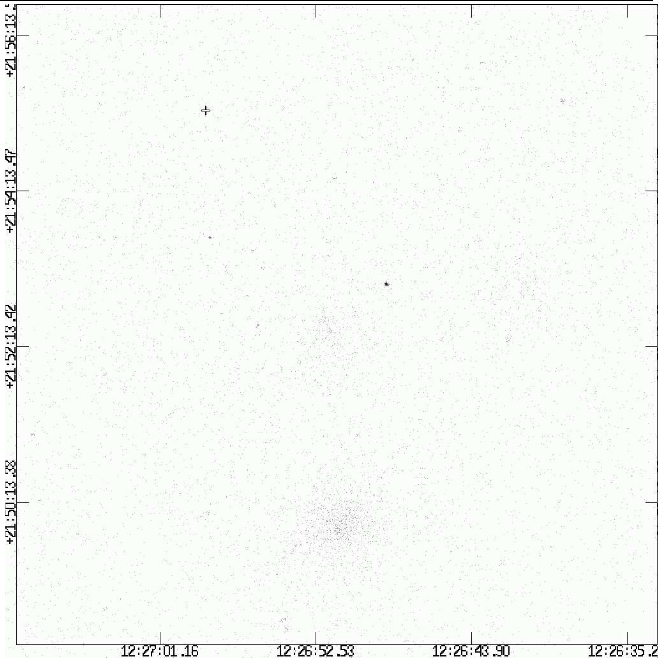
| acisf03590N002 full img2.fits | acisf03590N002 cntr img2.fits |
| --- | --- |





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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.8 | ASCDS version number |
| DATE | 2006-06-23T15:05:40 | Date and time of file creation |
| DATE-OBS | 2003-12-13T20:50:50 | Observation start date |
| DATE-END | 2003-12-14T02:42:41 | Observation end date |
| RA_PNT | 186.7442068272 | Pointing RA |
| DEC_PNT | 21.920911293923 | Pointing Dec |
| ROLL_PNT | 62.650164334553 | Pointing Roll |
| RA_TARG | 186.715417 | Observer's specified target RA |
| DEC_TARG | 21.873611 | Observer's specified target Dec |
| DATAMODE | VFAINT | 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 | 2006-06-23T15:39:53 | Date and time of file creation |
| DATE-OBS | 2003-12-13T20:50:50 | Observation start date |
| DATE-END | 2003-12-14T02:42:41 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-01236 | Detector |
| GRATING | NONE | Grating |
| OBJECT | MACS-J1226.8+2153 | Source name |
| TITLE | X-RAY/SZ DETERMINATION OF COSMOLOGICAL PARAMETERS | Proposal title |
| OBSERVER | DR. LEON VANSPEYBROECK | Principal investigator |
| OBS_ID | 3590 | Observation id |
| SEQ_NUM | 800311 | Sequence number |
| RA_NOM | 186.7442068272 | Nominal RA |
| DEC_NOM | 21.920911293923 | Nominal Dec |
| ROLL_NOM | 62.650164334553 | Nominal Roll |

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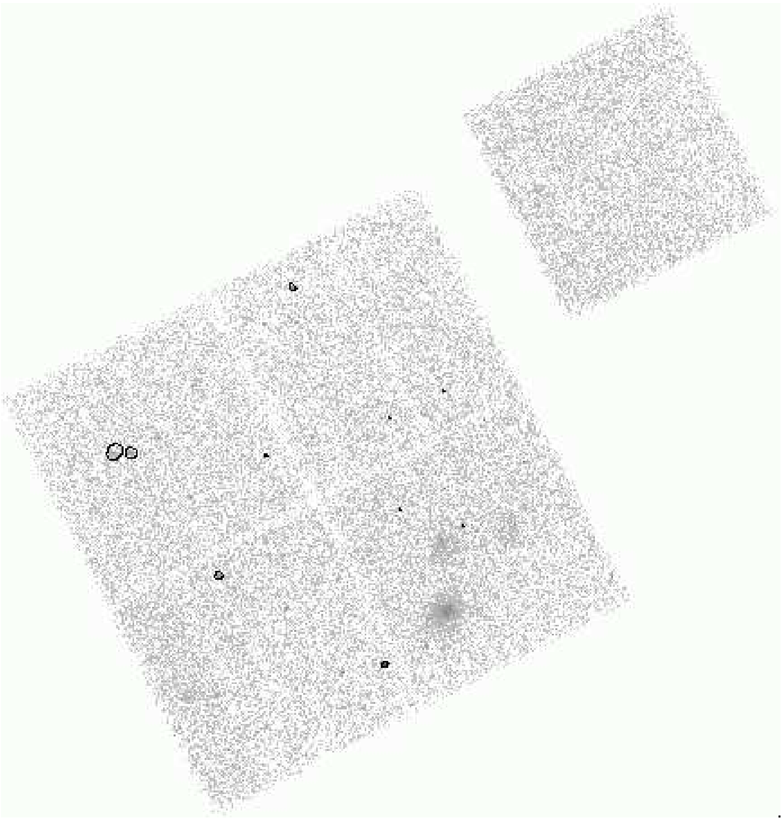
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 186.702444 | 21.883773 | 341.715912 | 20.089933 | 17.009310 |
| 186.750552 | 21.949402 | 209.571426 | 16.318113 | 12.842871 |
| 186.753558 | 21.799849 | 144.117249 | 14.662497 | 9.828971 |
| 186.831411 | 21.926581 | 101.714287 | 12.683996 | 8.019104 |
| 186.814113 | 22.028557 | 56.795456 | 9.980023 | 5.690914 |
| 186.714995 | 21.965468 | 37.000000 | 7.347675 | 5.035606 |
| 186.743143 | 21.893737 | 36.000000 | 7.458579 | 4.826657 |
| 186.930487 | 21.928491 | 48.117241 | 10.477112 | 4.592606 |
| 186.919751 | 21.927812 | 50.257500 | 10.976615 | 4.578598 |
| 186.862027 | 21.853661 | 36.715908 | 8.641559 | 4.248760 |