# Chandra X-ray Center

Seq Num: 800124

Instrument: ACIS

Obs ID: 1656

Source: MACS J1149.5+2223

PI: DR. LEON VANSPEYBROECK

Title: DETERMINATION OF H0 AND Q0, 2000 PART 2

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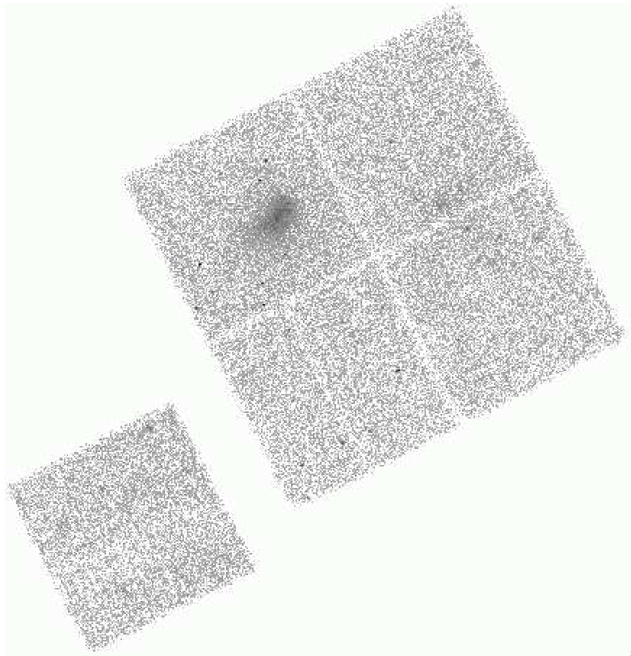
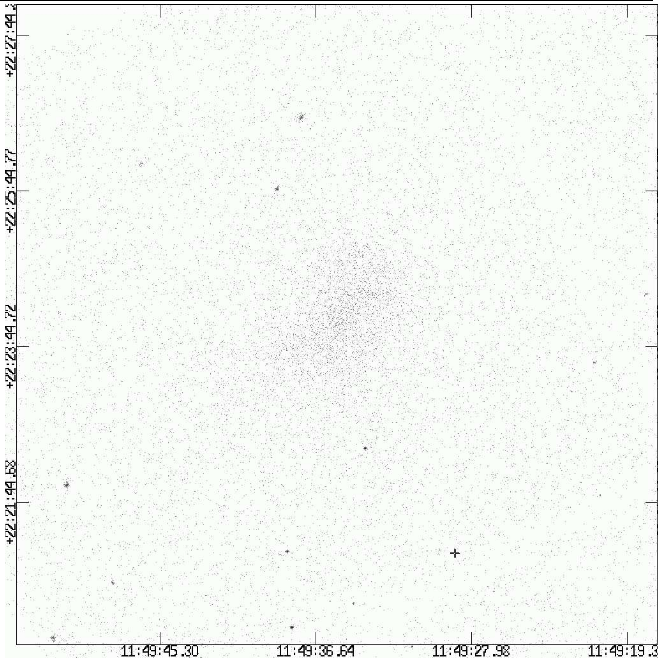
acisf01656N002 full img2.fits



acisf01656N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-11-25T03:59:31 | Date and time of file creation |
| DATE-OBS | 2001-06-01T07:48:28 | Observation start date |
| DATE-END | 2001-06-01T13:24:20 | Observation end date |
| RA_PNT | 177.37035547495 | Pointing RA |
| DEC_PNT | 22.351540306564 | Pointing Dec |
| ROLL_PNT | 242.83378610794 | Pointing Roll |
| RA_TARG | 177.399167 | Observer's specified target RA |
| DEC_TARG | 22.399 | Observer's specified target Dec |
| DATAMODE | VFAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.2848053 | Focal Plane Temperature [K] |
| FSW_VERS | 30 | ACIS flight software version number |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-11-25T04:27:27 | Date and time of file creation |
| DATE-OBS | 2001-06-01T07:48:28 | Observation start date |
| DATE-END | 2001-06-01T13:24:20 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-01236 | Detector |
| GRATING | NONE | Grating |
| OBJECT | MACS J1149.5+2223 | Source name |
| TITLE | DETERMINATION OF H0 AND Q0, 2000 PART 2 | Proposal title |
| OBSERVER | DR. LEON VANSPEYBROECK | Principal investigator |
| OBS_ID | 1656 | Observation id |
| SEQ_NUM | 800124 | Sequence number |
| RA_NOM | 177.37035547495 | Nominal RA |
| DEC_NOM | 22.351540306564 | Nominal Dec |
| ROLL_NOM | 242.83378610794 | Nominal Roll |

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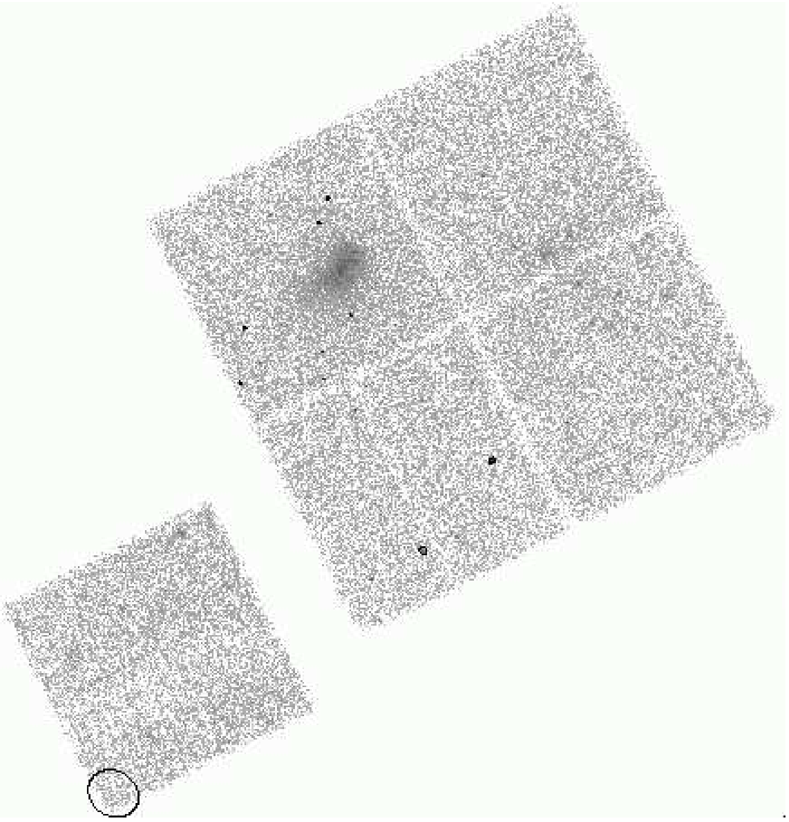
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 177.460182 | 22.366198 | 108.833336 | 12.126400 | 8.974909 |
| 177.407989 | 22.335657 | 96.857140 | 11.863126 | 8.164555 |
| 177.405942 | 22.444872 | 79.477272 | 10.781405 | 7.371698 |
| 177.391057 | 22.374023 | 70.714287 | 9.986403 | 7.081057 |
| 177.409071 | 22.351935 | 63.428570 | 9.786302 | 6.481363 |
| 177.463244 | 22.333305 | 60.875000 | 9.549870 | 6.374433 |
| 177.298621 | 22.286146 | 71.193184 | 11.233263 | 6.337711 |
| 177.411493 | 22.429567 | 59.833332 | 9.633916 | 6.210697 |
| 177.343648 | 22.231459 | 51.795456 | 9.694172 | 5.342948 |
| 177.545648 | 22.084672 | 78.956810 | 16.545034 | 4.772236 |