# Chandra X-ray Center

Seq Num: 700389

Instrument: ACIS

Obs ID: 1031

Source: Mrk 231

PI: Prof. Gordon Garmire

Title: OBSERVATION OF MKR 231

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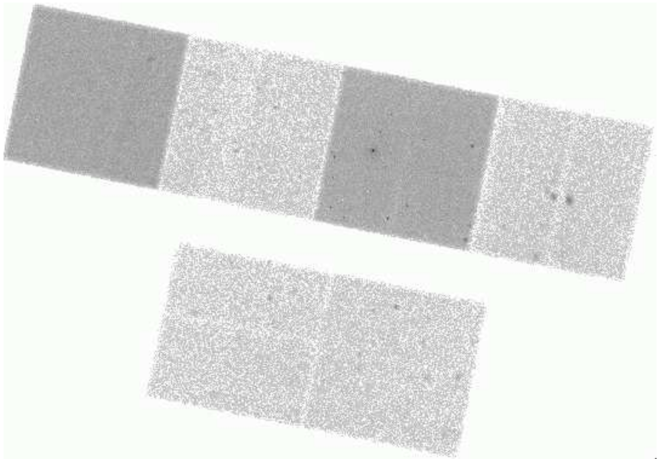
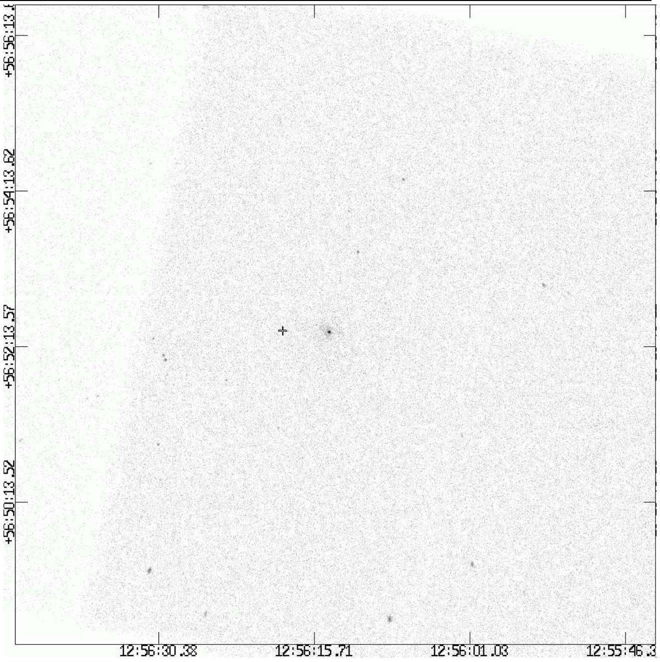
acisf01031N002 full img2.fits



acisf01031N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.10 | ASCDS version number |
| DATE | 2007-06-12T13:20:41 | Date and time of file creation |
| DATE-OBS | 2000-10-19T12:51:04 | Observation start date |
| DATE-END | 2000-10-20T00:19:27 | Observation end date |
| RA_PNT | 194.07765211934 | Pointing RA |
| DEC_PNT | 56.873837998625 | Pointing Dec |
| ROLL_PNT | 11.229408884957 | Pointing Roll |
| RA_TARG | 194.059583 | Observer's specified target RA |
| DEC_TARG | 56.873694 | Observer's specified target Dec |
| DATAMODE | FAINT | 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 | 7.6.10 | ASCDS version number |
| DATE | 2007-06-12T13:56:01 | Date and time of file creation |
| DATE-OBS | 2000-10-19T12:51:04 | Observation start date |
| DATE-END | 2000-10-20T00:19:27 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-235678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | Mrk 231 | Source name |
| TITLE | OBSERVATION OF MKR 231 | Proposal title |
| OBSERVER | Prof. Gordon Garmire | Principal investigator |
| OBS_ID | 1031 | Observation id |
| SEQ_NUM | 700389 | Sequence number |
| RA_NOM | 194.07765211934 | Nominal RA |
| DEC_NOM | 56.873837998625 | Nominal Dec |
| ROLL_NOM | 11.229408884957 | Nominal Roll |

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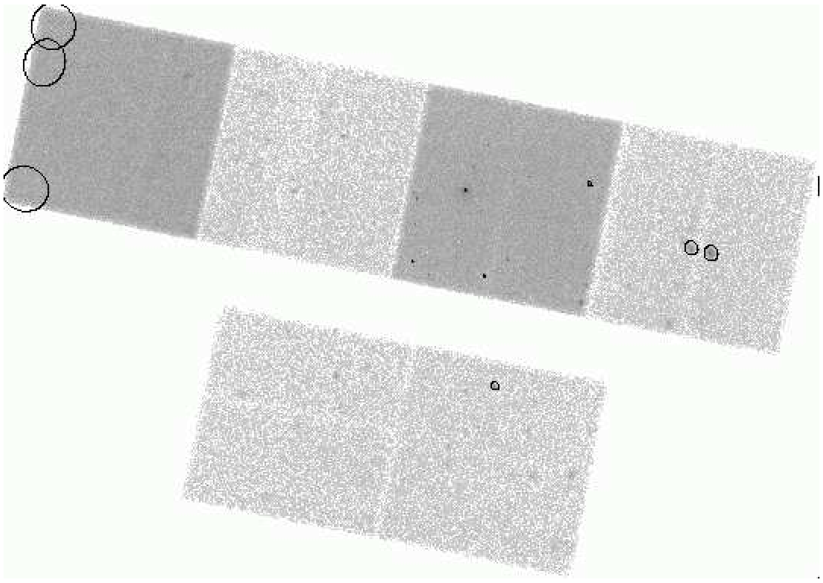
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 194.059332 | 56.873617 | 1422.000000 | 41.151478 | 34.555260 |
| 194.605891 | 56.990483 | 1239.292358 | 68.812637 | 18.009661 |
| 193.736943 | 56.827777 | 543.125000 | 30.414558 | 17.857403 |
| 194.641617 | 56.873153 | 1046.820557 | 71.978600 | 14.543498 |
| 194.035712 | 56.812088 | 294.000000 | 20.857342 | 14.095756 |
| 194.129788 | 56.822536 | 262.386353 | 19.030209 | 13.787887 |
| 193.896314 | 56.877704 | 288.284088 | 22.007633 | 13.099277 |
| 193.762742 | 56.831547 | 282.193176 | 22.882944 | 12.332031 |
| 194.616645 | 56.964075 | 737.926880 | 73.081665 | 10.097292 |
| 194.021706 | 56.732371 | 159.625000 | 16.082846 | 9.925172 |