# Chandra X-ray Center

Seq Num: 600151

Instrument: ACIS

Obs ID: 2494

Source: M32

PI: PROFESSOR ROBERT O'CONNELL

Title: A DEEP SURVEY OF X-RAY SOURCES IN M32, THE NEAREST ELLIPTICAL GALAXY

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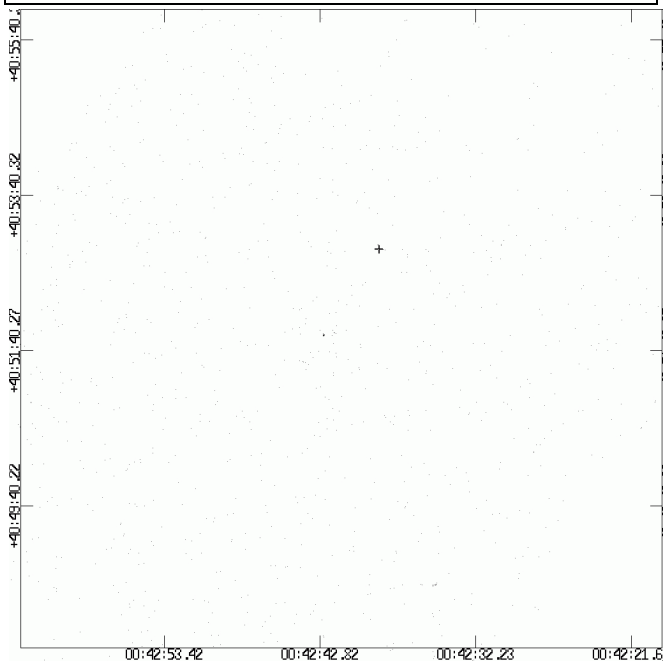
| acisf02494N002 e1 full img2.fits | acisf02494N002 e1 cntr img2.fits |
|---|---|



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-12-15T21:46:54 | Date and time of file creation |
| DATE-OBS | 2001-07-28T02:51:12 | Observation start date |
| DATE-END | 2001-07-28T08:22:18 | Observation end date |
| RA_PNT | 10.661595503854 | Pointing RA |
| DEC_PNT | 40.882975270374 | Pointing Dec |
| ROLL_PNT | 122.00882879669 | Pointing Roll |
| RA_TARG | 10.674167 | Observer's specified target RA |
| DEC_TARG | 40.864444 | Observer's specified target Dec |
| DATAMODE | FAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.60722351 | 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 | 2006-12-15T22:46:42 | Date and time of file creation |
| DATE-OBS | 2001-07-28T02:51:12 | Observation start date |
| DATE-END | 2001-07-28T08:22:18 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-235678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | M32 | Source name |
| TITLE | A DEEP SURVEY OF X-RAY SOURCES IN M32, THE NEAREST ELLIPTICAL GALAXY | |
| OBSERVER | PROFESSOR ROBERT O'CONNELL | Principal investigator |
| OBS_ID | 2494 | Observation id |
| SEQ_NUM | 600151 | Sequence number |
| RA_NOM | 10.661595503854 | Nominal RA |
| DEC_NOM | 40.882975270374 | Nominal Dec |
| ROLL_NOM | 122.00882879669 | 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 |
| 10.677190 | 40.864547 | 24.000000 | 6.438627 | 3.727503 |
| 10.565935 | 41.020668 | 18.897499 | 6.117107 | 3.089287 |