# Chandra X-ray Center

Seq Num: 900393

Instrument: ACIS

Obs ID: 5893

Source: W49A

PI: Dr. Masahiro Tsujimoto

Title: ACIS-I Reveals a 60 Mega Kelvin Cocoon Surrounding a Galactic Star Burst Monster

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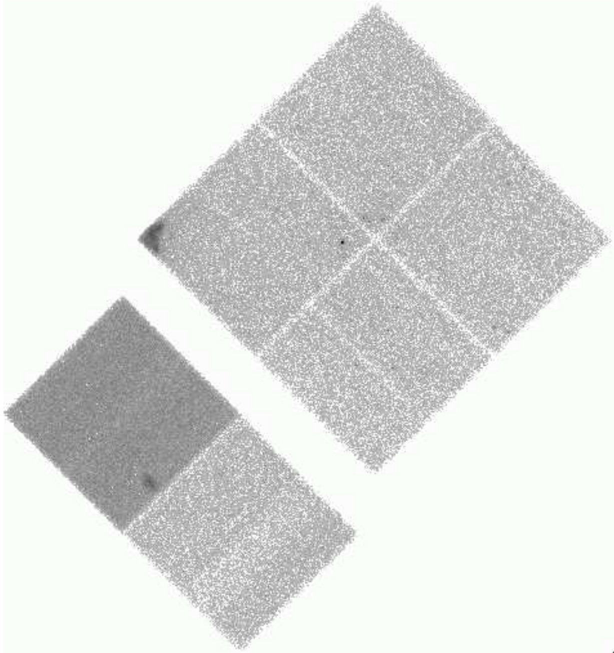
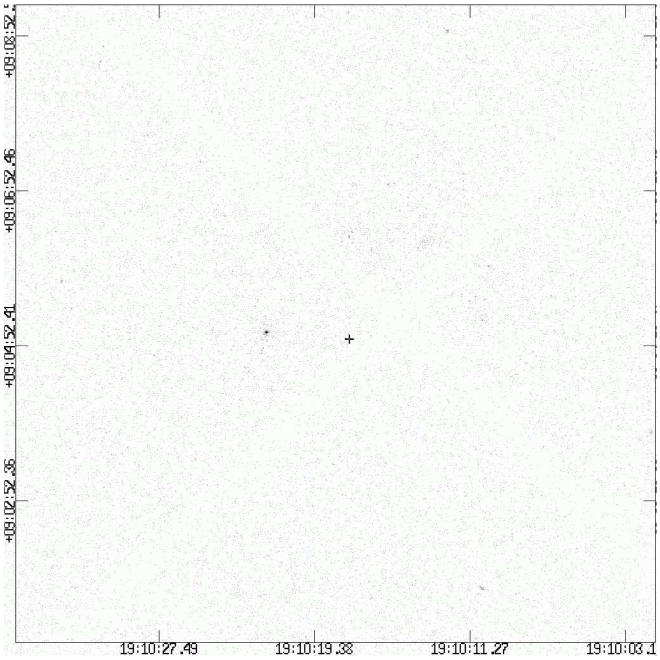
acisf05893N002 full img2.fits



acisf05893N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.1 | ASCDS version number |
| DATE | 2006-03-18T21:47:08 | Date and time of file creation |
| DATE-OBS | 2005-08-03T18:35:45 | Observation start date |
| DATE-END | 2005-08-04T04:36:30 | Observation end date |
| RA_PNT | 287.57315691093 | Pointing RA |
| DEC_PNT | 9.0826819349024 | Pointing Dec |
| ROLL_PNT | 225.20936916575 | Pointing Roll |
| RA_TARG | 287.5775 | Observer's specified target RA |
| DEC_TARG | 9.084444 | Observer's specified target Dec |
| DATAMODE | VFAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 155.86555481 | Focal Plane Temperature [K] |
| FSW_VERS | 31 | ACIS flight software version number |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.1 | ASCDS version number |
| DATE | 2006-03-18T22:40:31 | Date and time of file creation |
| DATE-OBS | 2005-08-03T18:35:45 | Observation start date |
| DATE-END | 2005-08-04T04:36:30 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-012367 | Detector |
| GRATING | NONE | Grating |
| OBJECT | W49A | Source name |
| TITLE | ACIS-I Reveals a 60 Mega Kelvin Cocoon Surrounding a Galactic Star Burst Monster | Proposal title |
| OBSERVER | Dr. Masahiro Tsujimoto | Principal investigator |
| OBS_ID | 5893 | Observation id |
| SEQ_NUM | 900393 | Sequence number |
| RA_NOM | 287.57315691093 | Nominal RA |
| DEC_NOM | 9.0826819349024 | Nominal Dec |
| ROLL_NOM | 225.20936916575 | Nominal Roll |

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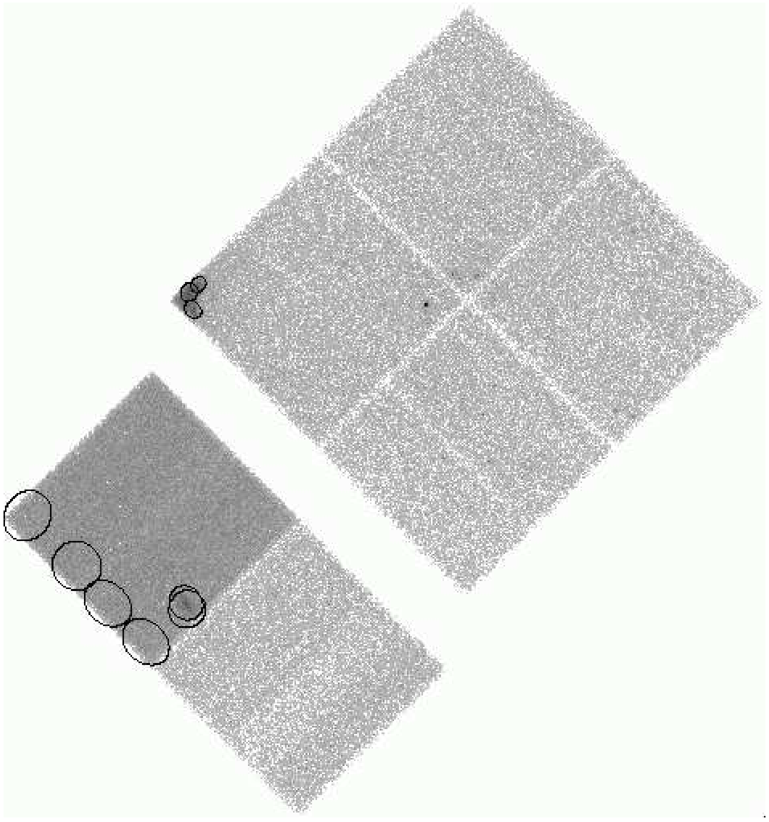
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 287.591109 | 9.084184 | 512.571411 | 25.181791 | 20.354843 |
| 287.756920 | 8.880937 | 1001.943176 | 60.996029 | 16.426367 |
| 287.756045 | 8.876697 | 833.166687 | 63.793430 | 13.060384 |
| 287.865987 | 8.940128 | 749.367676 | 61.112839 | 12.262033 |
| 287.784657 | 8.854366 | 546.242554 | 58.822521 | 9.286282 |
| 287.752174 | 9.080489 | 320.159088 | 36.826382 | 8.693743 |
| 287.754709 | 9.092391 | 349.204559 | 44.812668 | 7.792541 |
| 287.748389 | 9.097446 | 260.972412 | 34.800343 | 7.499134 |
| 287.832080 | 8.906089 | 460.714294 | 69.252007 | 6.652721 |
| 287.810719 | 8.880480 | 405.930237 | 63.130787 | 6.429988 |