# Chandra X-ray Center

Seq Num: 200259

Instrument: ACIS

Obs ID: 4490

Source: HH111

PI: Dr. Manuel Guedel

Title: SHOCKS AND X-RAYS IN PROTOSTELLAR JETS

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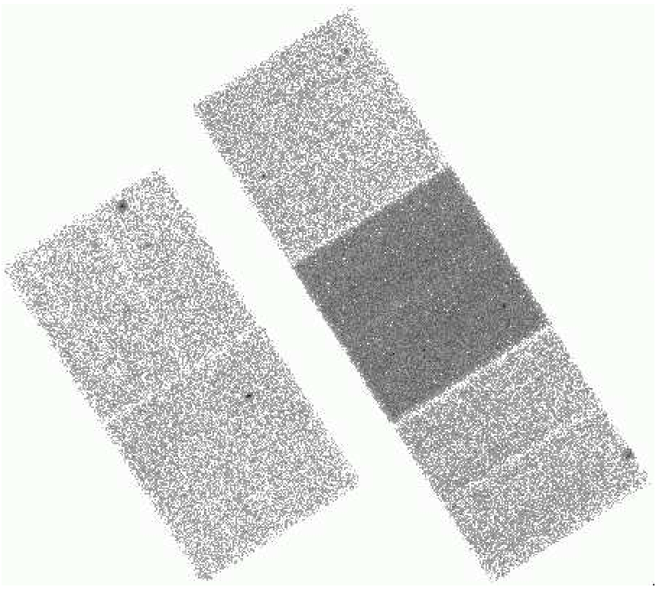
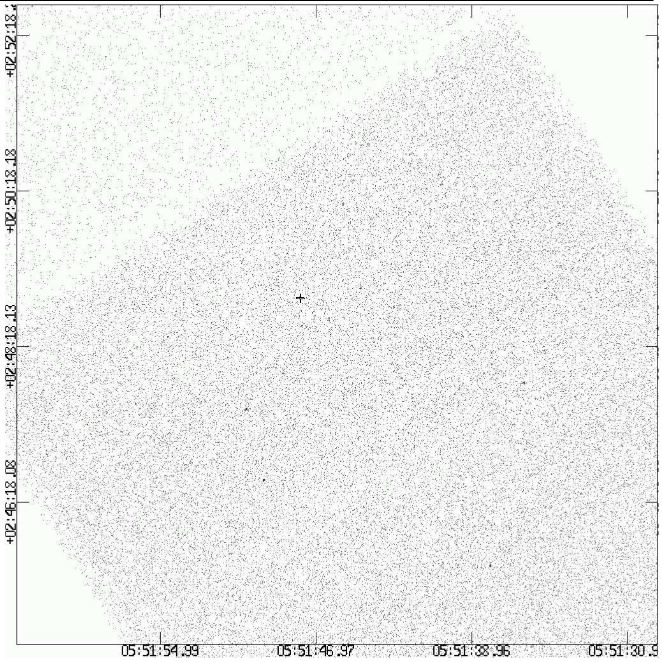
acisf04490N002 full img2.fits



acisf04490N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.1 | ASCDS version number |
| DATE | 2006-04-10T11:05:44 | Date and time of file creation |
| DATE-OBS | 2004-11-21T17:05:50 | Observation start date |
| DATE-END | 2004-11-22T01:36:42 | Observation end date |
| RA_PNT | 87.949021821077 | Pointing RA |
| DEC_PNT | 2.8153576910667 | Pointing Dec |
| ROLL_PNT | 57.612865929149 | Pointing Roll |
| RA_TARG | 87.9425 | Observer's specified target RA |
| DEC_TARG | 2.80825 | Observer's specified target Dec |
| DATAMODE | VFAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.60722351 | 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 | 2006-04-10T12:04:11 | Date and time of file creation |
| DATE-OBS | 2004-11-21T17:05:50 | Observation start date |
| DATE-END | 2004-11-22T01:36:42 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-23678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | HH111 | Source name |
| TITLE | SHOCKS AND X-RAYS IN PROTOSTELLAR JETS | Proposal title |
| OBSERVER | Dr. Manuel Guedel | Principal investigator |
| OBS_ID | 4490 | Observation id |
| SEQ_NUM | 200259 | Sequence number |
| RA_NOM | 87.949021821077 | Nominal RA |
| DEC_NOM | 2.8153576910667 | Nominal Dec |
| ROLL_NOM | 57.612865929149 | Nominal Roll |

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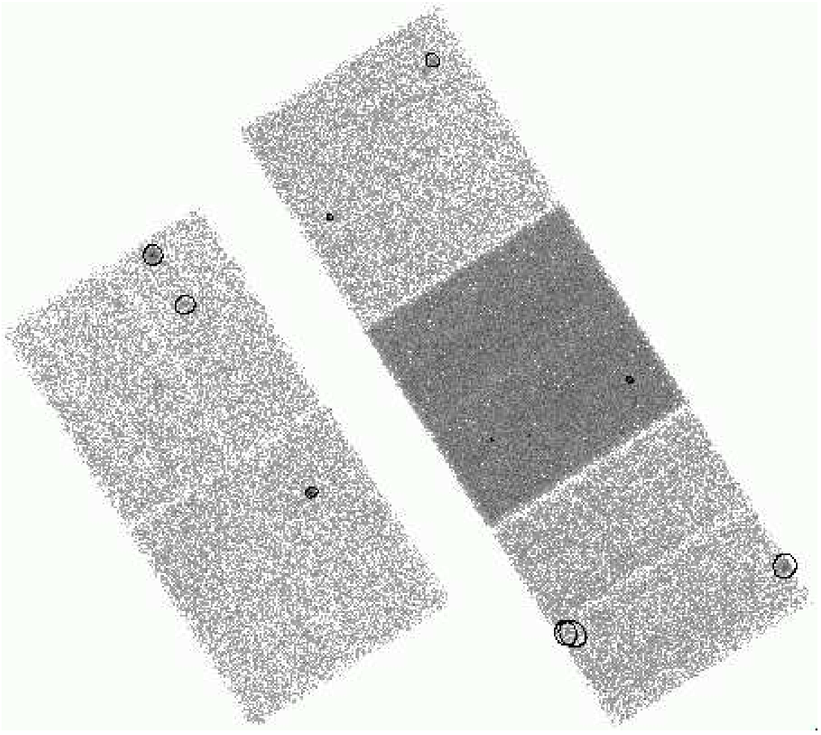
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 88.152858 | 2.846174 | 202.743744 | 19.354702 | 10.475168 |
| 87.769637 | 2.658145 | 188.509811 | 18.946514 | 9.949576 |
| 88.056510 | 2.702761 | 158.617493 | 16.765854 | 9.460747 |
| 87.947156 | 2.734517 | 50.571430 | 9.645447 | 5.243036 |
| 87.863405 | 2.770954 | 64.545456 | 12.389884 | 5.209528 |
| 87.983241 | 2.964146 | 60.154999 | 11.586848 | 5.191662 |
| 88.045416 | 2.869126 | 40.077499 | 9.308885 | 4.305295 |
| 87.902400 | 2.617494 | 53.107143 | 12.827796 | 4.140005 |
| 88.133269 | 2.816167 | 46.863636 | 11.915435 | 3.933019 |
| 87.898284 | 2.617093 | 57.743752 | 14.796901 | 3.902422 |