# Chandra X-ray Center

Seq Num: 500284

Instrument: ACIS

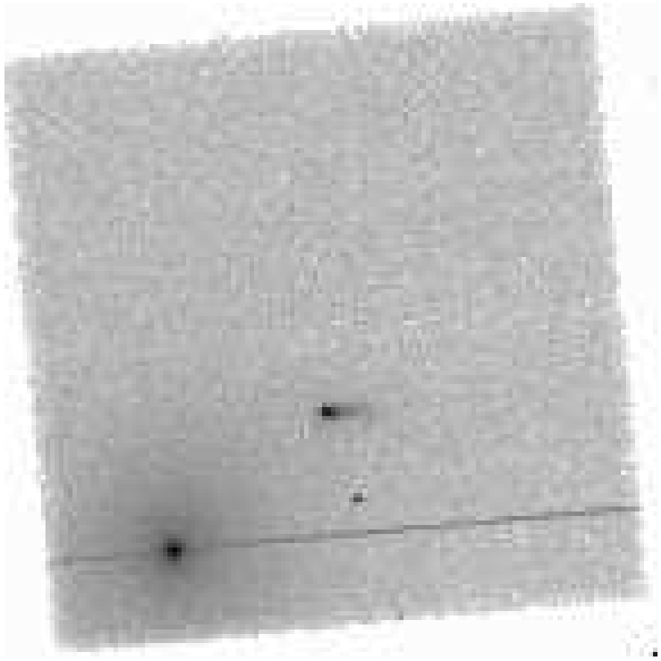
Obs ID: 2834

Source: MOUSE

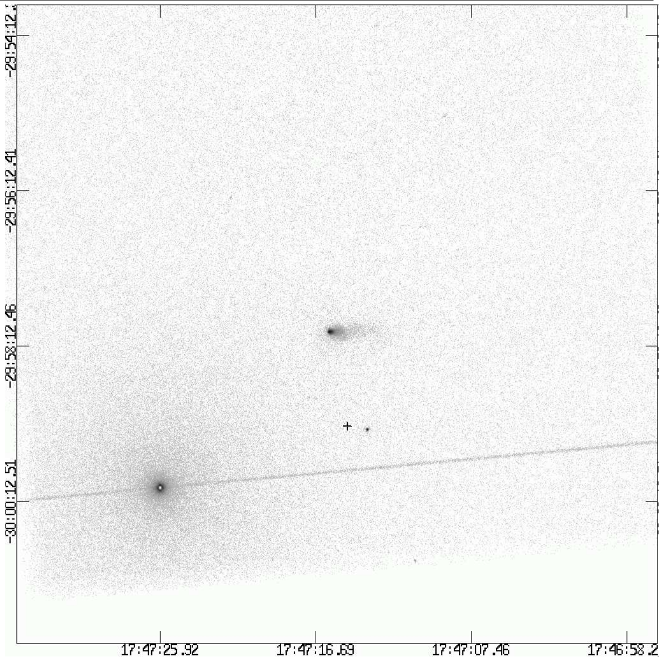
PI: Professor Bryan Gaensler

Title: BUILDING A BETTER MOUSE-TRAP: X-RAY IMAGING OF G359.23-0.92

acisf02834N002 full img2.fits



acisf02834N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-10-07T14:22:26 | Date and time of file creation |
| DATE-OBS | 2002-10-23T20:43:10 | Observation start date |
| DATE-END | 2002-10-24T07:15:57 | Observation end date |
| RA_PNT | 266.81162854879 | Pointing RA |
| DEC_PNT | -29.987390507102 | Pointing Dec |
| ROLL_PNT | 264.68700875254 | Pointing Roll |
| RA_TARG | 266.815833 | Observer's specified target RA |
| DEC_TARG | -29.966944 | 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 | 7.6.9 | ASCDS version number |
| DATE | 2006-10-07T14:51:50 | Date and time of file creation |
| DATE-OBS | 2002-10-23T20:43:10 | Observation start date |
| DATE-END | 2002-10-24T07:15:57 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-7 | Detector |
| GRATING | NONE | Grating |
| OBJECT | MOUSE | Source name |
| TITLE | BUILDING A BETTER MOUSE-TRAP: X-RAY IMAGING OF G359.23-0.92 | Propos |
| OBSERVER | Professor Bryan Gaensler | Principal investigator |
| OBS_ID | 2834 | Observation id |
| SEQ_NUM | 500284 | Sequence number |
| RA_NOM | 266.81162854879 | Nominal RA |
| DEC_NOM | -29.987390507102 | Nominal Dec |
| ROLL_NOM | 264.68700875254 | Nominal Roll |

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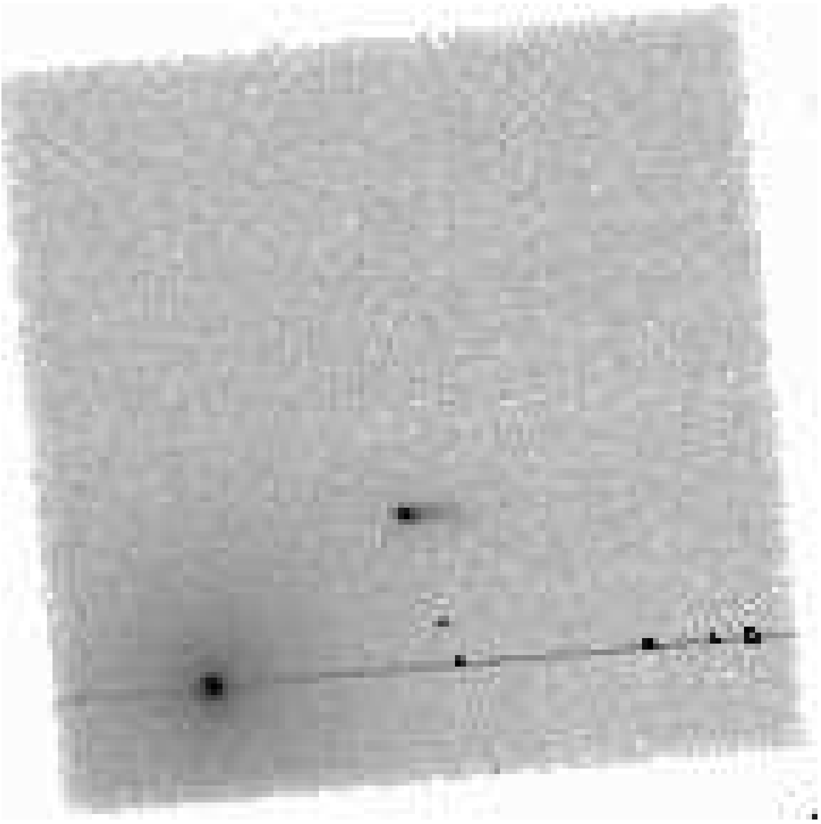
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 266.815789 | -29.967110 | 3862.285645 | 91.877235 | 42.037464 |
| 266.806611 | -29.988064 | 1899.142822 | 46.334499 | 40.987663 |
| 266.857731 | -30.000000 | 1371.714233 | 73.007408 | 18.788700 |
| 266.858012 | -30.001214 | 1130.142822 | 65.647957 | 17.215202 |
| 266.858555 | -30.000753 | 897.285706 | 65.029648 | 13.798101 |
| 266.794770 | -30.016231 | 69.714287 | 9.930286 | 7.020370 |
| 266.803175 | -29.996165 | 51.714287 | 11.423687 | 4.526935 |
| 266.761348 | -29.992820 | 44.670456 | 10.441294 | 4.278249 |
| 266.738393 | -29.990985 | 52.428570 | 12.608280 | 4.158265 |
| 266.746698 | -29.991651 | 44.306820 | 11.179708 | 3.963146 |