# Chandra X-ray Center

Seq Num: 700480

Instrument: ACIS

Obs ID: 3041

Source: NGC 4038/NGC 4039

PI: Dr Giuseppina Fabbiano

Title: AN IN-DEPTH STUDY OF THE X-RAY SOURCE POPULATION AND HOT ISM OF THE ANTENNAE GALAXIES

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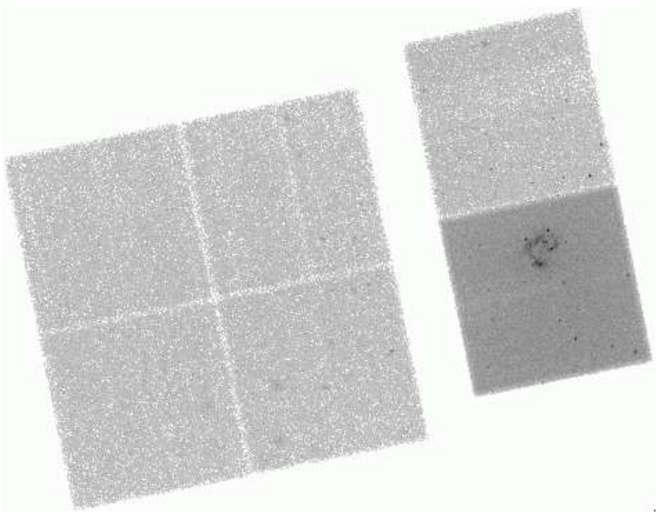
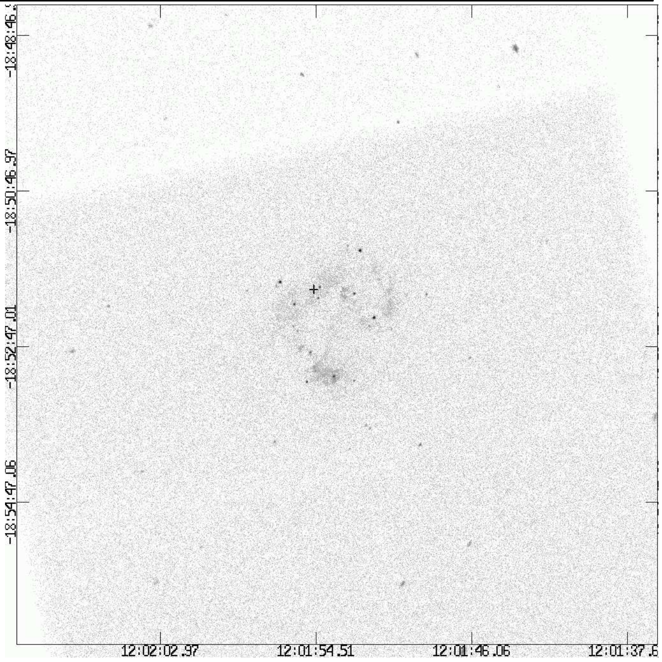
acisf03041N002 full img2.fits



acisf03041N002 cntr img2.fits



| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-10-26T20:40:50 | Date and time of file creation |
| DATE-OBS | 2002-11-22T14:12:39 | Observation start date |
| DATE-END | 2002-11-23T11:07:07 | Observation end date |
| RA_PNT | 180.47752854443 | Pointing RA |
| DEC_PNT | -18.867534702322 | Pointing Dec |
| ROLL_PNT | 78.515483659368 | Pointing Roll |
| RA_TARG | 180.47375 | Observer's specified target RA |
| DEC_TARG | -18.876528 | Observer's specified target Dec |
| DATAMODE | FAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.4460144 | 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 | 2006-10-26T21:19:09 | Date and time of file creation |
| DATE-OBS | 2002-11-22T14:12:39 | Observation start date |
| DATE-END | 2002-11-23T11:07:07 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-012367 | Detector |
| GRATING | NONE | Grating |
| OBJECT | NGC 4038/NGC 4039 | Source name |
| TITLE | AN IN-DEPTH STUDY OF THE X-RAY SOURCE POPULATION AND HOT ISM OF THE ANTENNAE GALAXIES | Proposal title |
| OBSERVER | Dr Giuseppina Fabbiano | Principal investigator |
| OBS_ID | 3041 | Observation id |
| SEQ_NUM | 700480 | Sequence number |
| RA_NOM | 180.47752854443 | Nominal RA |
| DEC_NOM | -18.867534702322 | Nominal Dec |
| ROLL_NOM | 78.515483659368 | Nominal Roll |

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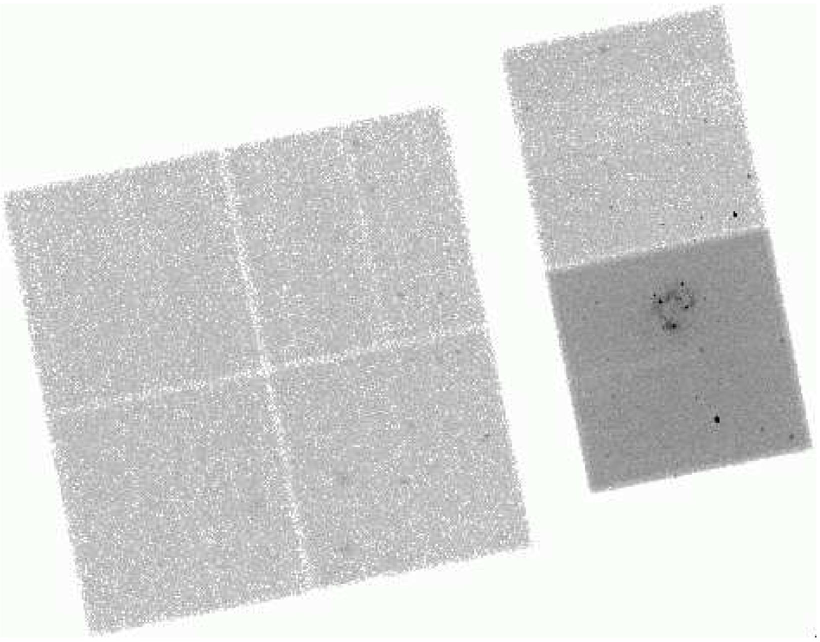
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 180.463875 | -18.873521 | 1495.285767 | 41.204556 | 36.289330 |
| 180.467048 | -18.859138 | 1472.714233 | 41.001991 | 35.918118 |
| 180.485126 | -18.865883 | 1247.000000 | 37.419022 | 33.325298 |
| 180.431855 | -18.815809 | 634.571411 | 28.814615 | 22.022554 |
| 180.443703 | -18.945097 | 589.250000 | 30.196661 | 19.513746 |
| 180.468337 | -18.868361 | 428.714294 | 23.085211 | 18.570950 |
| 180.479066 | -18.887284 | 405.428558 | 22.626060 | 17.918655 |
| 180.472947 | -18.886122 | 507.285706 | 30.034382 | 16.890167 |
| 180.481920 | -18.870662 | 388.857147 | 23.408758 | 16.611609 |
| 180.476154 | -18.866976 | 352.428558 | 21.906696 | 16.087709 |