# Chandra X-ray Center

Seq Num: 700572

Instrument: ACIS

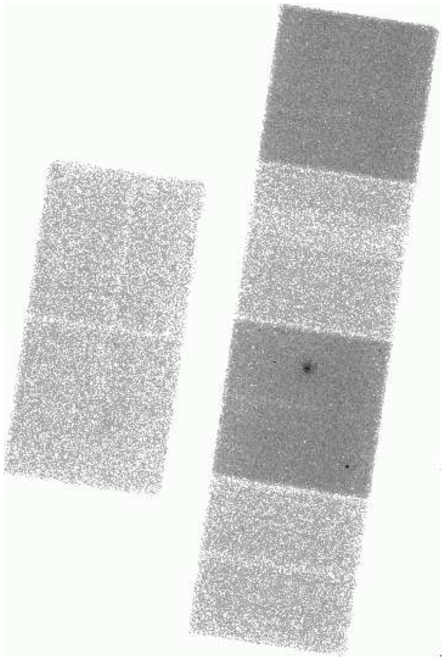
Obs ID: 3133

Source: NGC2146

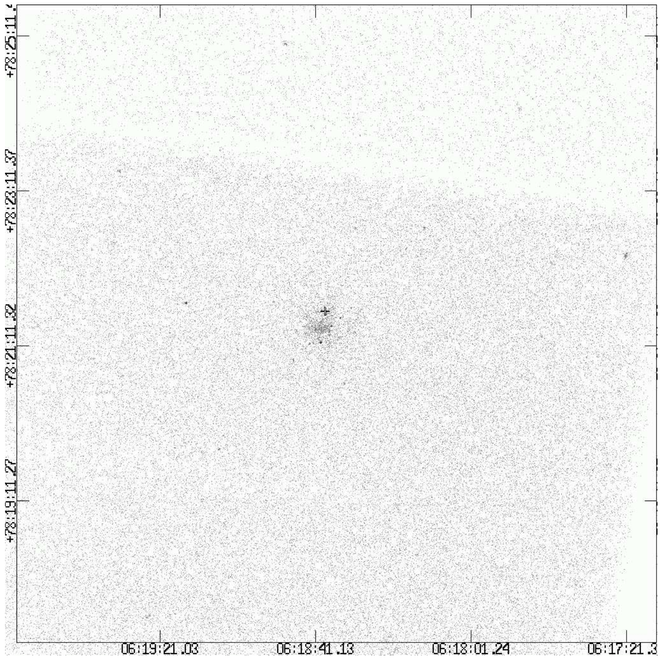
PI: Dr Hironori Matsumoto

Title: SEARCH FOR AN INTERMEDIATE MASS BLACK HOLE IN THE STARBURST GALAXY NGC2146

acisf03133N002 full img2.fits



acisf03133N002 cntr img2.fits



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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-10-05T22:02:57 | Date and time of file creation |
| DATE-OBS | 2002-10-09T05:25:01 | Observation start date |
| DATE-END | 2002-10-09T08:48:00 | Observation end date |
| RA_PNT | 94.660854454509 | Pointing RA |
| DEC_PNT | 78.360755667931 | Pointing Dec |
| ROLL_PNT | 98.432959844296 | Pointing Roll |
| RA_TARG | 94.655417 | Observer's specified target RA |
| DEC_TARG | 78.356556 | 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 | 2006-10-05T22:28:43 | Date and time of file creation |
| DATE-OBS | 2002-10-09T05:25:01 | Observation start date |
| DATE-END | 2002-10-09T08:48:00 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-235678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | NGC2146 | Source name |
| TITLE | SEARCH FOR AN INTERMEDIATE MASS BLACK HOLE IN THE STARBURST GALAXY NGC2146 | Proposal title |
| OBSERVER | Dr Hironori Matsumoto | Principal investigator |
| OBS_ID | 3133 | Observation id |
| SEQ_NUM | 700572 | Sequence number |
| RA_NOM | 94.660854454509 | Nominal RA |
| DEC_NOM | 78.360755667931 | Nominal Dec |
| ROLL_NOM | 98.432959844296 | Nominal Roll |

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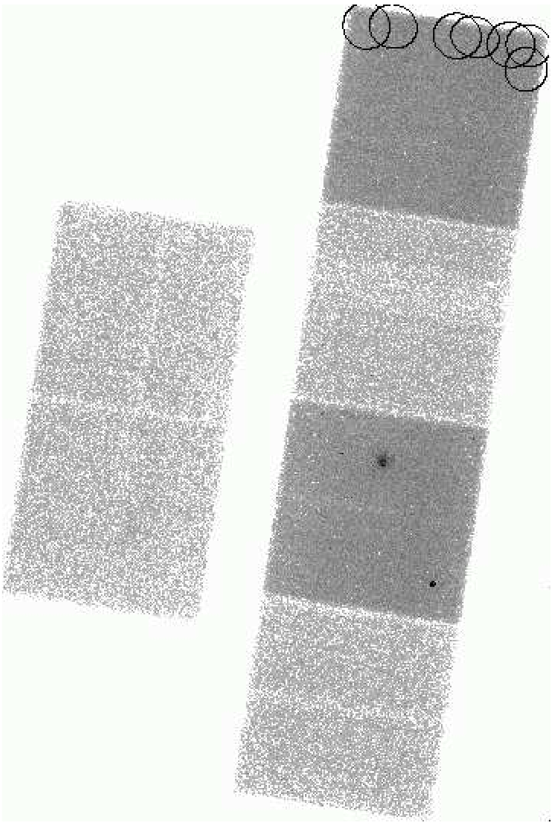
Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 94.487145 | 78.268879 | 284.375000 | 20.835777 | 13.648399 |
| 94.133511 | 78.654387 | 629.950195 | 54.070484 | 11.650537 |
| 94.724889 | 78.668875 | 569.800659 | 56.808910 | 10.030128 |
| 94.626516 | 78.668344 | 608.794006 | 62.668056 | 9.714582 |
| 94.196672 | 78.655098 | 583.887024 | 65.713478 | 8.885347 |
| 94.665130 | 78.354081 | 107.571426 | 12.500410 | 8.605432 |
| 94.393364 | 78.661535 | 541.980042 | 63.271080 | 8.566000 |
| 94.328365 | 78.660632 | 509.322266 | 61.480278 | 8.284319 |
| 94.142881 | 78.637316 | 448.248199 | 57.686382 | 7.770433 |
| 94.808367 | 78.362537 | 81.428574 | 10.763062 | 7.565558 |