# Chandra X-ray Center

Seq Num: 600357

Instrument: ACIS

Obs ID: 4702

Source: SCULPTOR DWARF SPHEROIDAL

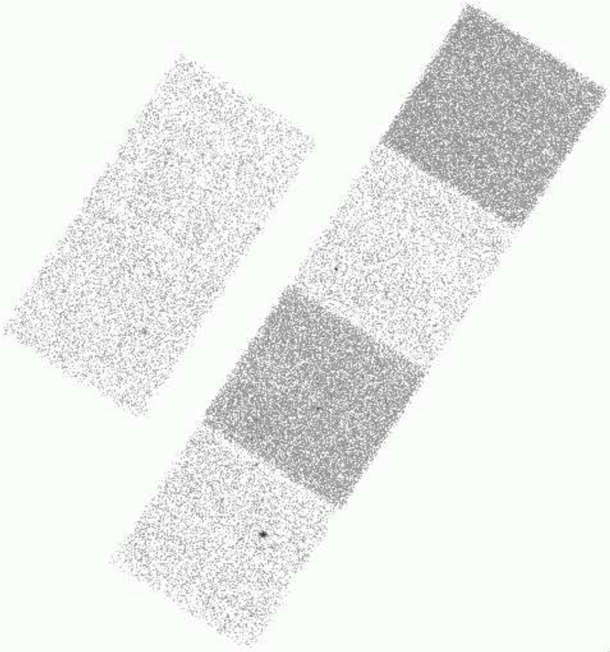
PI: Dr. Thomas Maccarone

Title: Using the Sculptor Dwarf Spheroidal Galaxy to Constrain X-ray Binary Production in Population II

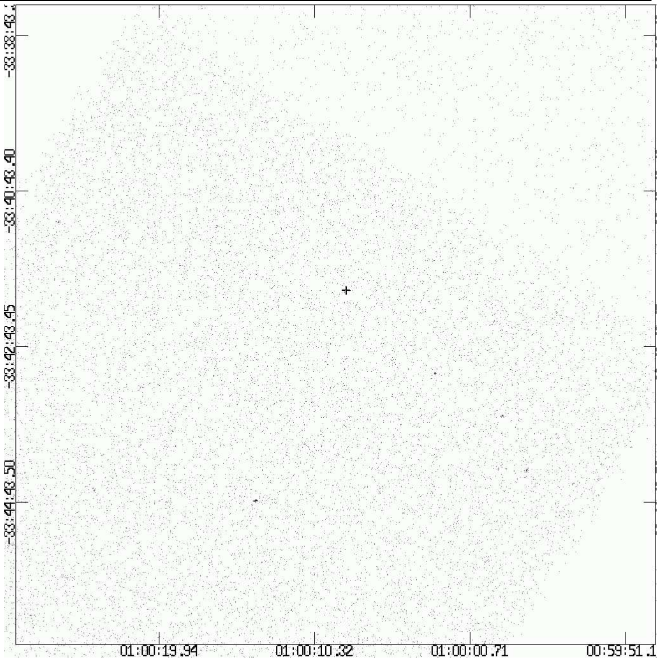
---

---

acisf04702N002 full img2.fits



acisf04702N002 cntr img2.fits



Chandra X-ray Center Seq Num: 600357

Instrument: ACIS Obs ID: 4702

Source: SCULPTOR DWARF SPHEROIDAL PI: Dr. Thomas Maccarone

Title: Using the Sculptor Dwarf Spheroidal Galaxy to Constrain X-ray Binary Production in Population II

| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.2 | ASCDS version number |
| DATE | 2006-05-01T15:21:15 | Date and time of file creation |
| DATE-OBS | 2004-06-12T14:20:35 | Observation start date |
| DATE-END | 2004-06-12T16:29:15 | Observation end date |
| RA_PNT | 15.034763296039 | Pointing RA |
| DEC_PNT | -33.700092505848 | Pointing Dec |
| ROLL_PNT | 122.56745894319 | Pointing Roll |
| RA_TARG | 15.039167 | Observer's specified target RA |
| DEC_TARG | -33.708889 | Observer's specified target Dec |
| DATAMODE | VFAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.4460144 | Focal Plane Temperature [K] |
| FSW_VERS | 31 | ACIS flight software version number |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.2 | ASCDS version number |
| DATE | 2006-05-01T15:46:04 | Date and time of file creation |
| DATE-OBS | 2004-06-12T14:20:35 | Observation start date |
| DATE-END | 2004-06-12T16:29:15 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-235678 | Detector |
| GRATING | NONE | Grating |
| OBJECT | SCULPTOR DWARF SPHEROIDAL | Source name |
| TITLE | Using the Sculptor Dwarf Spheroidal Galaxy to Constrain X-ray Binary Production in Population II | Proposal title |
| OBSERVER | Dr. Thomas Maccarone | Principal investigator |
| OBS_ID | 4702 | Observation id |
| SEQ_NUM | 600357 | Sequence number |
| RA_NOM | 15.034763296039 | Nominal RA |
| DEC_NOM | -33.700092505848 | Nominal Dec |
| ROLL_NOM | 122.56745894319 | Nominal Roll |

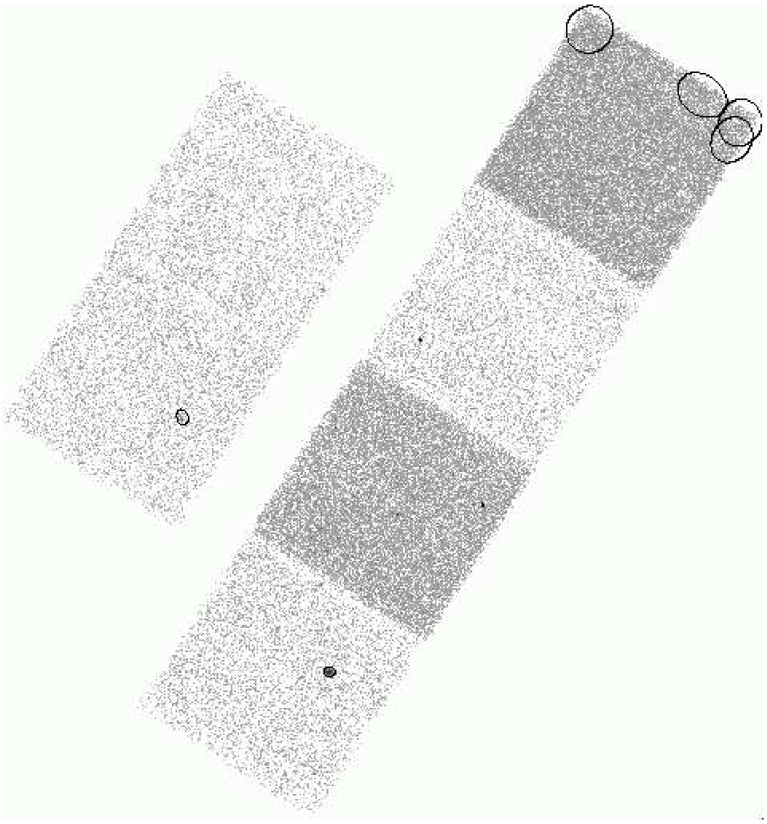
Chandra X-ray Center
Seq Num: 600357

Instrument: ACIS
Obs ID: 4702

Source: SCULPTOR DWARF SPHEROIDAL
PI: Dr. Thomas Maccarone

Title: Using the Sculptor Dwarf Spheroidal Galaxy to Constrain X-ray Binary Production in Population II

Full Field with Sources



| List of the Brighest Sources in the Field | | | | |
|---|---|---|---|---|
| RA[deg] | DEC[deg] | NET_COUNTS[count] | NET_COUNTS_ERR[count] | SNR |
| 15.114333 | -33.853057 | 276.172424 | 19.336069 | 14.282759 |
| 15.039178 | -33.625549 | 79.142860 | 10.830851 | 7.307169 |
| 14.900588 | -33.412910 | 202.298996 | 30.414679 | 6.651361 |
| 15.058011 | -33.745117 | 49.142857 | 9.146977 | 5.372579 |
| 14.776594 | -33.476635 | 129.654480 | 26.729809 | 4.850558 |
| 14.807653 | -33.457835 | 112.604652 | 28.666395 | 3.928107 |
| 15.235714 | -33.678680 | 33.055172 | 8.433480 | 3.919517 |
| 14.783668 | -33.488387 | 102.611610 | 26.519806 | 3.869244 |
| 15.011821 | -33.717836 | 23.000000 | 6.344512 | 3.625180 |
| 14.988195 | -33.738607 | 21.000000 | 5.918404 | 3.548254 |