# Chandra X-ray Center

Seq Num: 700270
Obs ID: 2431
PI: Dr. Tracey Turner

Instrument: ACIS
Source: NGC 3516
Grating: HETG
Title: GAS DYNAMICS AROUND THE BLACK HOLE IN NGC 3516

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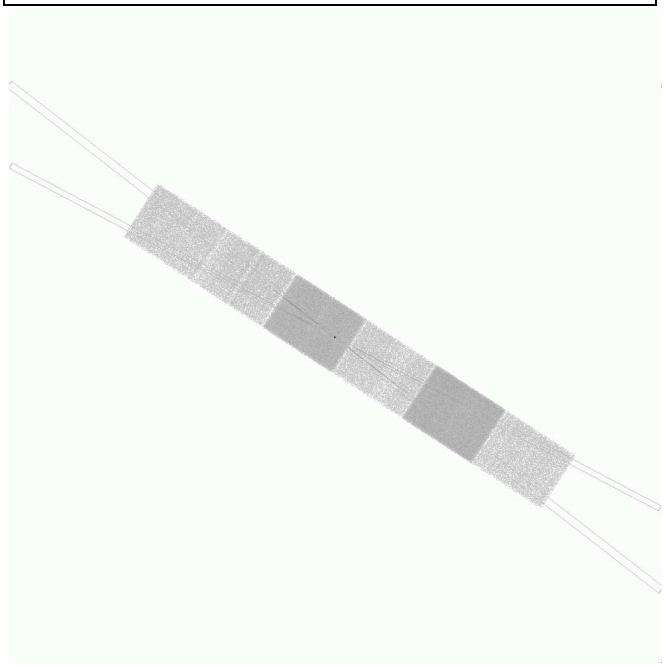
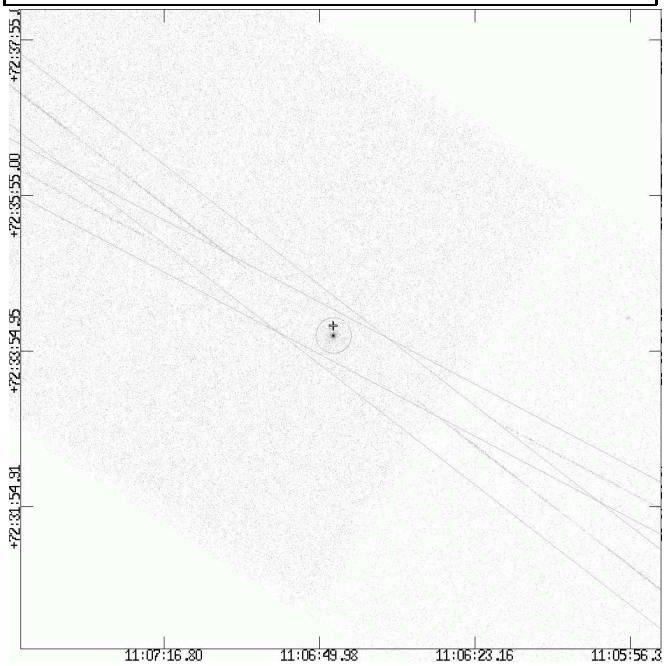
| acisf02431N002 full img2.fits | acisf02431N002 cntr img2.fits |
|---|---|





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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-11-13T17:47:20 | Date and time of file creation |
| DATE-OBS | 2001-04-09T14:12:05 | Observation start date |
| DATE-END | 2001-04-10T01:16:37 | Observation end date |
| RA_PNT | 166.69819463594 | Pointing RA |
| DEC_PNT | 72.570796645706 | Pointing Dec |
| ROLL_PNT | 213.00596659839 | Pointing Roll |
| RA_TARG | 166.6975 | Observer's specified target RA |
| DEC_TARG | 72.568611 | 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 | 2006-11-13T18:03:18 | Date and time of file creation |
| DATE-OBS | 2001-04-09T14:12:05 | Observation start date |
| DATE-END | 2001-04-10T01:16:37 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-456789 | Detector |
| GRATING | HETG | Grating |
| OBJECT | NGC 3516 | Source name |
| TITLE | GAS DYNAMICS AROUND THE BLACK HOLE IN NGC 3516 | Proposal title |
| OBSERVER | Dr. Tracey Turner | Principal investigator |
| OBS_ID | 2431 | Observation id |
| SEQ_NUM | 700270 | Sequence number |
| RA_NOM | 166.69819463594 | Nominal RA |
| DEC_NOM | 72.570796645706 | Nominal Dec |
| ROLL_NOM | 213.00596659839 | Nominal Roll |

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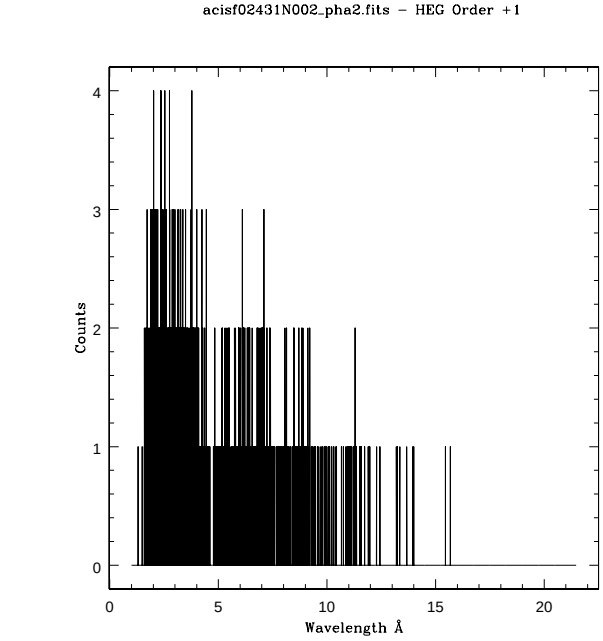
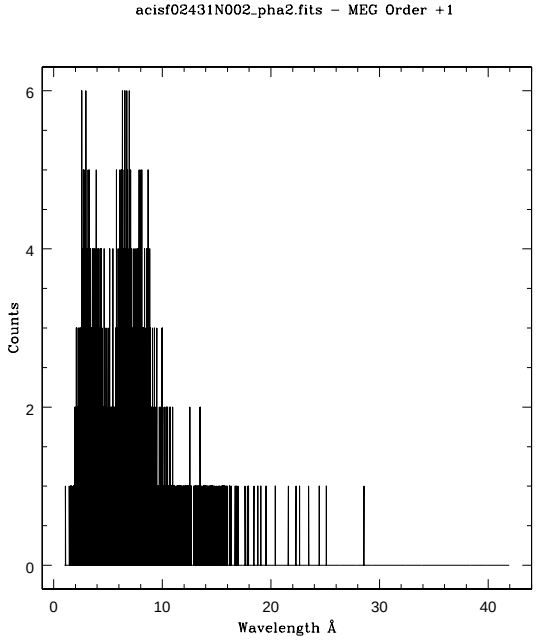
HEG +1 Order




MEG +1 Order