# Chandra X-ray Center

Seq Num: 500543

Instrument: ACIS

Obs ID: 5554

Source: The Crab Nebula

PI: Dr Koji Mori

Grating: HETG

Title: Monitoring of the Relativistic Magnetohydrodynamic Shock in the Crab Nebula

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| acisf05554N002 full img2.fits | acisf05554N002 cntr img2.fits |
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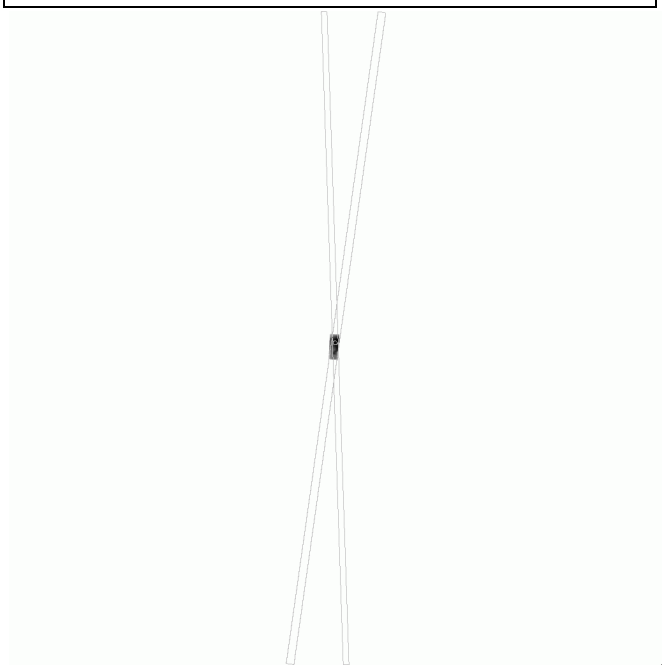
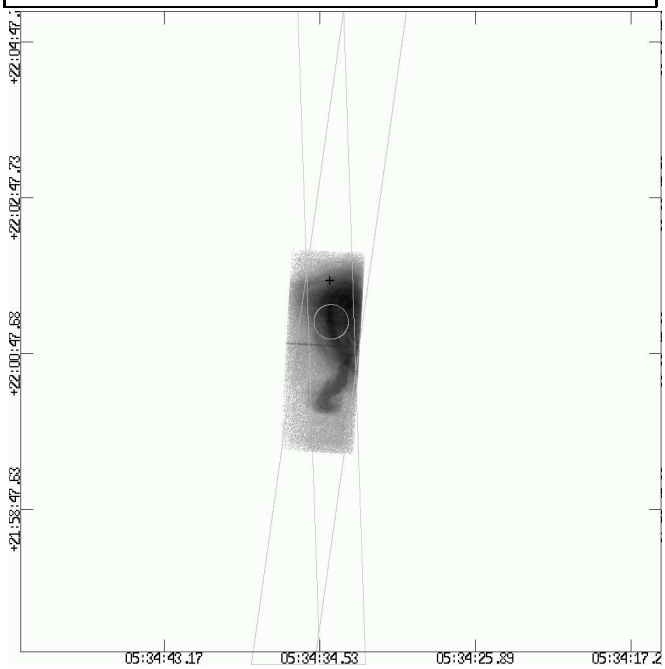
|  |  |

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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.1 | ASCDS version number |
| DATE | 2006-03-20T12:43:08 | Date and time of file creation |
| DATE-OBS | 2005-08-20T20:21:19 | Observation start date |
| DATE-END | 2005-08-20T23:37:47 | Observation end date |
| RA_PNT | 83.641482462101 | Pointing RA |
| DEC_PNT | 22.028887367048 | Pointing Dec |
| ROLL_PNT | 93.279411019454 | Pointing Roll |
| RA_TARG | 83.640417 | Observer's specified target RA |
| DEC_TARG | 22.016472 | Observer's specified target Dec |
| DATAMODE | GRADED | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.2848053 | Focal Plane Temperature [K] |
| FSW_VERS | 31 | ACIS flight software version number |

| Level 2 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.7.1 | ASCDS version number |
| DATE | 2006-03-20T13:30:50 | Date and time of file creation |
| DATE-OBS | 2005-08-20T20:21:19 | Observation start date |
| DATE-END | 2005-08-20T23:37:47 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-7 | Detector |
| GRATING | HETG | Grating |
| OBJECT | The Crab Nebula | Source name |
| TITLE | Monitoring of the Relativistic Magnetohydrodynamic Shock in the Crab Nebula | Proposal title |
| OBSERVER | Dr Koji Mori | Principal investigator |
| OBS_ID | 5554 | Observation id |
| SEQ_NUM | 500543 | Sequence number |
| RA_NOM | 83.641482462101 | Nominal RA |
| DEC_NOM | 22.028887367048 | Nominal Dec |
| ROLL_NOM | 93.279411019454 | Nominal Roll |

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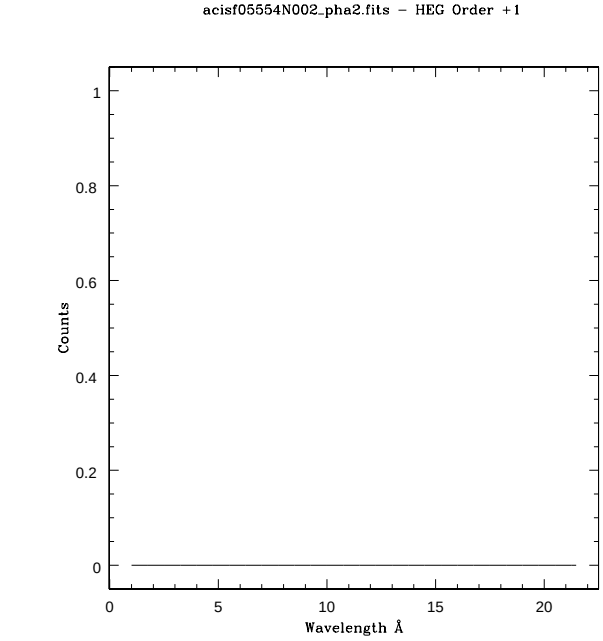
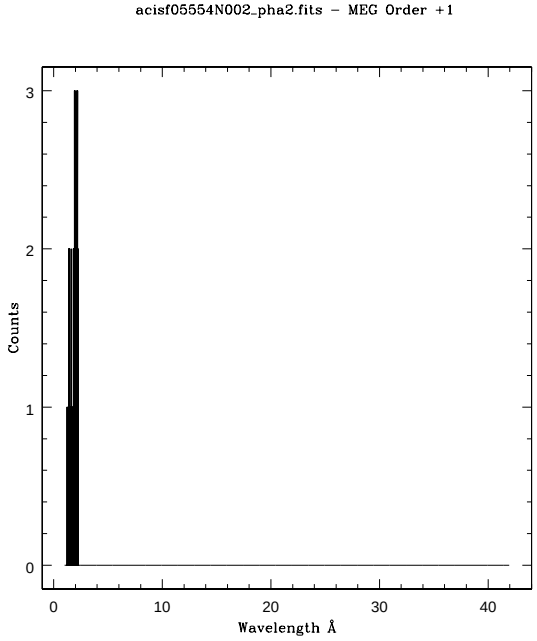
HEG +1 Order




MEG +1 Order