# Chandra X-ray Center

Seq Num: 700392

Instrument: ACIS

Obs ID: 2417

Source: PKS 1830-211

PI: Professor Gordon Garmire

Grating: HETG

Title: ACIS STUDY OF GRAVITATIONALLY LENSED QUASARS

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| acisf02417N002 full img2.fits | acisf02417N002 cntr img2.fits |
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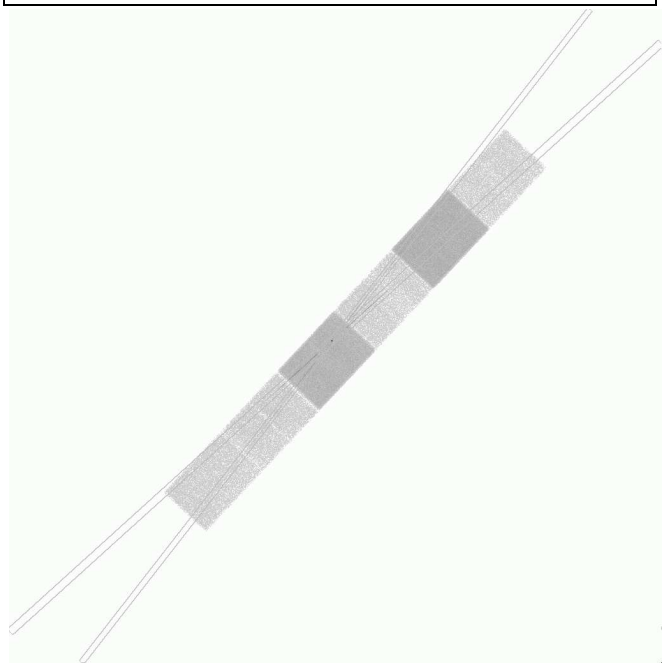
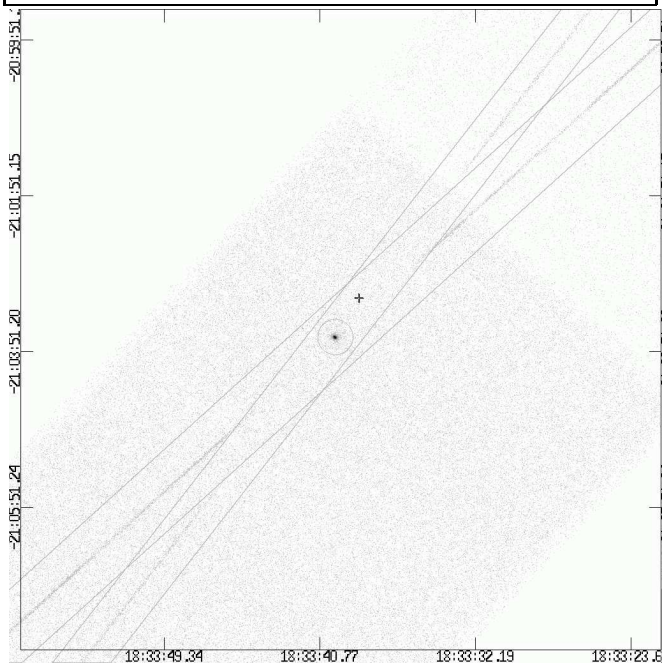
|  |  |

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| Level 1 Observational Parameters | | |
|---|---|---|
| Parameter | Value | Description |
| ASCDSVER | 7.6.9 | ASCDS version number |
| DATE | 2006-12-08T17:44:13 | Date and time of file creation |
| DATE-OBS | 2001-06-25T03:27:16 | Observation start date |
| DATE-END | 2001-06-25T18:14:30 | Observation end date |
| RA_PNT | 278.41072928127 | Pointing RA |
| DEC_PNT | -21.052832468668 | Pointing Dec |
| ROLL_PNT | 133.15358260963 | Pointing Roll |
| RA_TARG | 278.416417 | Observer's specified target RA |
| DEC_TARG | -21.061028 | Observer's specified target Dec |
| DATAMODE | FAINT | Data mode |
| READMODE | TIMED | Read mode |
| FP_TEMP | 153.60722351 | 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 | 2006-12-08T18:02:31 | Date and time of file creation |
| DATE-OBS | 2001-06-25T03:27:16 | Observation start date |
| DATE-END | 2001-06-25T18:14:30 | Observation end date |
| INSTRUME | ACIS | Instrument |
| DETNAM | ACIS-456789 | Detector |
| GRATING | HETG | Grating |
| OBJECT | PKS 1830-211 | Source name |
| TITLE | ACIS STUDY OF GRAVITATIONALLY LENSED QUASARS | Proposal title |
| OBSERVER | Professor Gordon Garmire | Principal investigator |
| OBS_ID | 2417 | Observation id |
| SEQ_NUM | 700392 | Sequence number |
| RA_NOM | 278.41072928127 | Nominal RA |
| DEC_NOM | -21.052832468668 | Nominal Dec |
| ROLL_NOM | 133.15358260963 | Nominal Roll |

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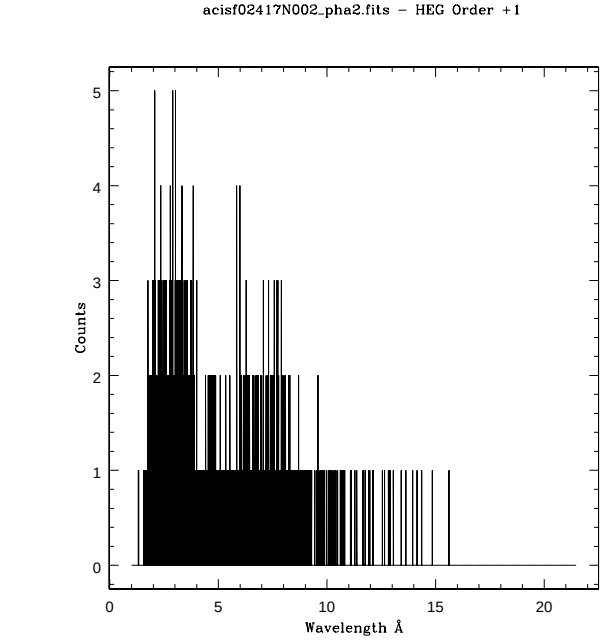
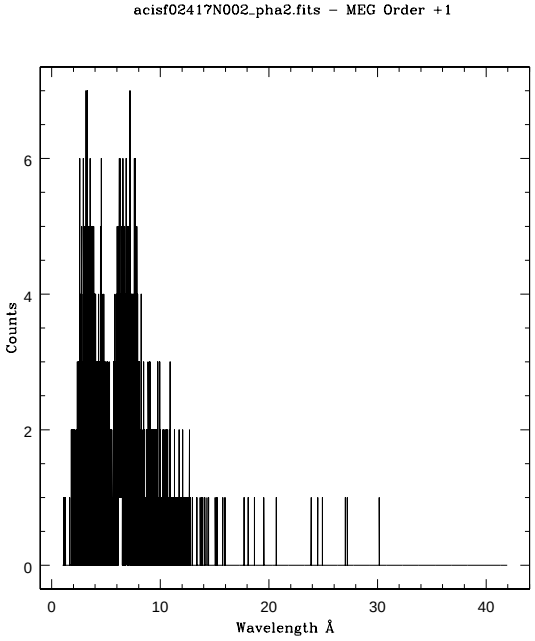
## HEG +1 Order




## MEG +1 Order