Chandra X-ray Center
Seq Num: 700828
Instrument: HRC
Obs ID: 4149
Source: Mkn 421
PI: Dr. Fabrizio Nicastro
Grating: LETG
Title: HIGH RESOLUTION SPECTROSCOPY OF A BLAZAR IN OUTBURST: JET ENVIRONMENT AND THE INTERGALACTIC MEDIUM

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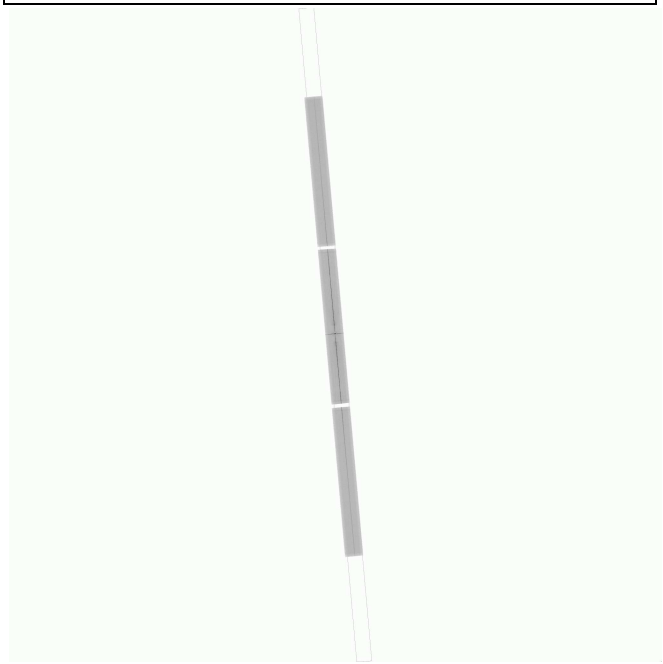
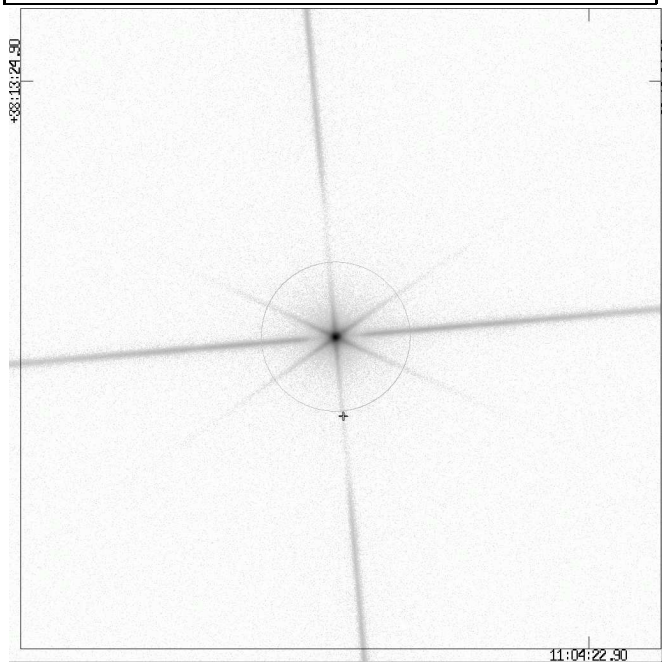
hrcf04149N002 full img2.fits	hrcf04149N002 cntr img2.fits
	

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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.8.1	ASCDS version number
DATE	2006-08-10T16:46:28	Date and time of file creation
DATE-OBS	2003-07-01T14:20:39	Observation start date
DATE-END	2003-07-02T18:35:04	Observation end date
RA_PNT	166.11331450653	Pointing RA
DEC_PNT	38.204366081329	Pointing Dec
ROLL_PNT	264.84773254058	Pointing Roll
RA_TARG	166.114	Observer's specified target RA
DEC_TARG	38.209	Observer's specified target Dec
DEGAP	hrcsD1999-07-22gaplookupN0002.fits	

Level 2 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.8.1	ASCDS version number
DATE	2006-08-10T17:48:30	Date and time of file creation
DATE-OBS	2003-07-01T14:20:39	Observation start date
DATE-END	2003-07-02T18:35:04	Observation end date
INSTRUME	HRC	Instrument
DETNAM	HRC-S	Detector
GRATING	LETG	Grating
OBJECT	Mkn 421	Source name
TITLE	HIGH RESOLUTION SPECTROSCOPY OF A BLAZAR IN OUTBURST: JET ENVIRONMENT AND THE INTERGALACTIC MEDIUM	Proposal title
OBSERVER	Dr. Fabrizio Nicastro	Principal investigator
OBS_ID	4149	Observation id
SEQ_NUM	700828	Sequence number
RA_NOM	166.11331450653	Nominal RA
DEC_NOM	38.204366081329	Nominal Dec
ROLL_NOM	264.84773254058	Nominal Roll

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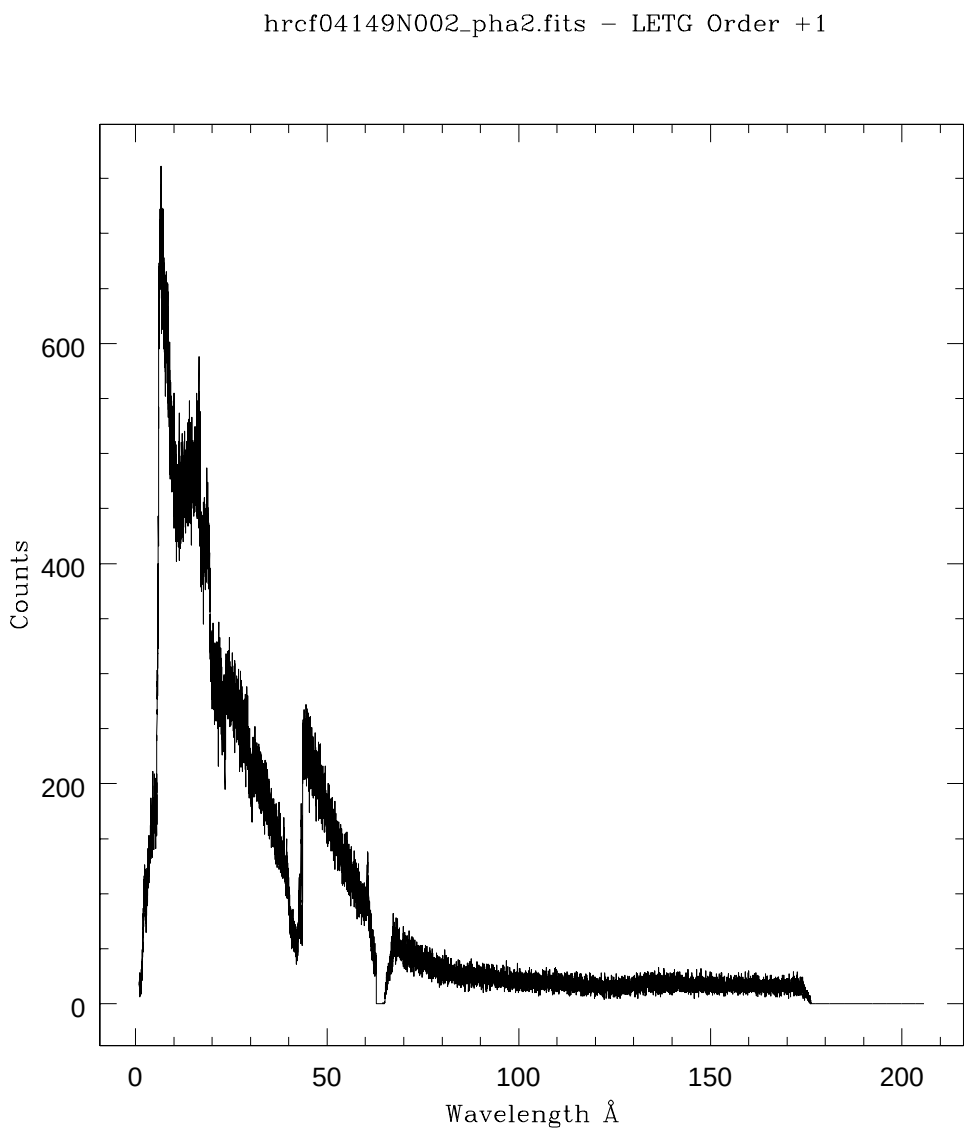
LETG +1 order