Chandra X-ray Center

Seq Num: 500510

Instrument: ACIS

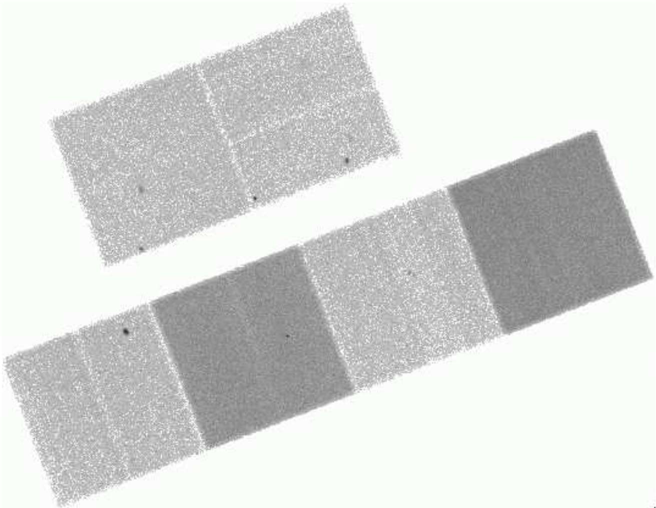
Obs ID: 5516

Source: PSR B1937+21

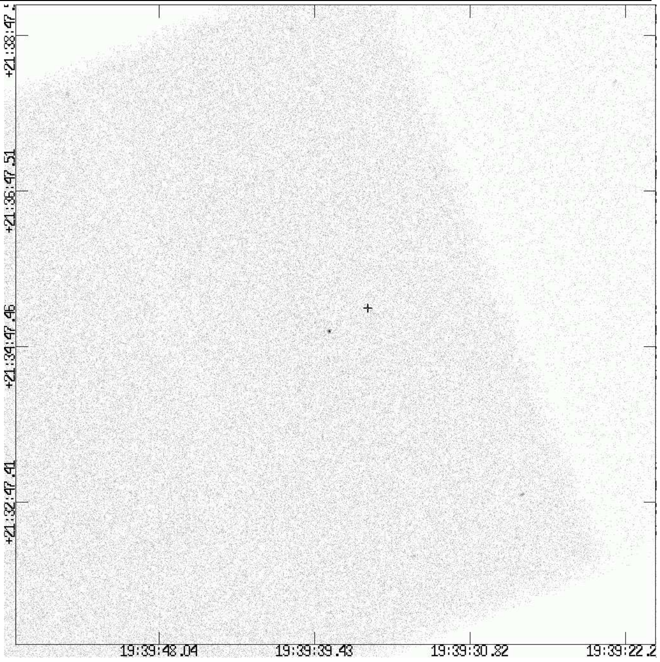
PI: Dr. Mariano Mendez

Title: Spatial extent and spectrum of the X-ray DC component of millisecond pulsar PSR B1937+21

acisf05516N002 full img2.fits



acisf05516N002 cntr img2.fits



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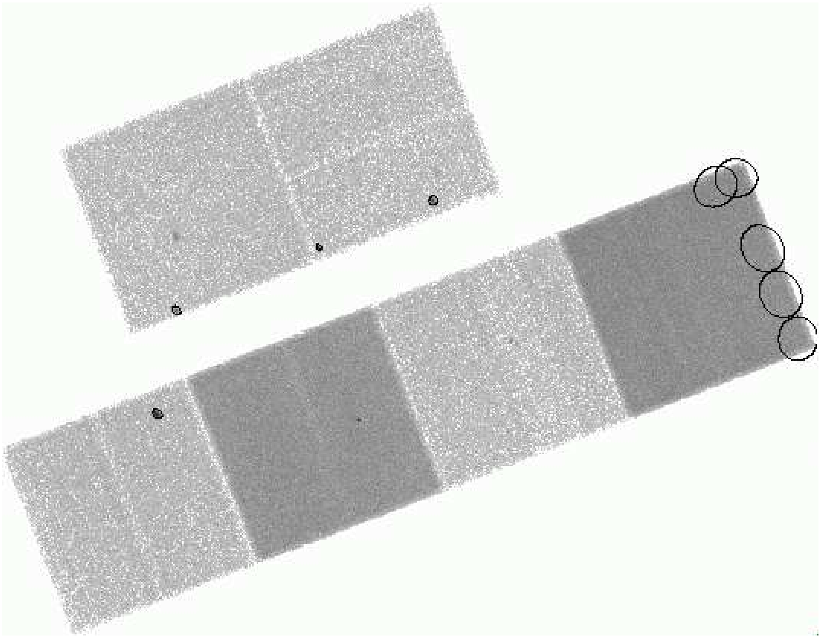
Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.7.1	ASCDS version number
DATE	2006-03-12T00:47:35	Date and time of file creation
DATE-OBS	2005-06-28T22:40:54	Observation start date
DATE-END	2005-06-29T13:04:02	Observation end date
RA_PNT	294.90196588741	Pointing RA
DEC_PNT	21.588093626786	Pointing Dec
ROLL_PNT	158.78812141828	Pointing Roll
RA_TARG	294.910833	Observer's specified target RA
DEC_TARG	21.583083	Observer's specified target Dec
DATAMODE	FAINT	Data mode
READMODE	TIMED	Read mode
FP_TEMP	153.60722351	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	2006-03-12T02:15:38	Date and time of file creation
DATE-OBS	2005-06-28T22:40:54	Observation start date
DATE-END	2005-06-29T13:04:02	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-235678	Detector
GRATING	NONE	Grating
OBJECT	PSR B1937+21	Source name
TITLE	Spatial extent and spectrum of the X-ray DC component of millisecond pulsar PSR B1937+21	Proposal title
OBSERVER	Dr. Mariano Mendez	Principal investigator
OBS_ID	5516	Observation id
SEQ_NUM	500510	Sequence number
RA_NOM	294.90196588741	Nominal RA
DEC_NOM	21.588093626786	Nominal Dec
ROLL_NOM	158.78812141828	Nominal Roll

Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
295.066351	21.586903	1318.702515	42.416893	31.089088
294.910706	21.583156	577.857117	26.434355	21.860083
294.620237	21.755848	1392.056519	74.532959	18.677059
294.572788	21.640635	1302.239258	72.451660	17.973904
294.942104	21.706584	406.295441	23.669914	17.165058
294.853831	21.740104	402.774994	26.139536	15.408651
294.585966	21.672437	975.863770	83.761406	11.650518
295.051828	21.661260	231.567505	20.254002	11.433173
294.635895	21.749788	891.589294	83.151764	10.722434
294.599806	21.705385	883.823914	86.195770	10.253680