Chandra X-ray Center

Seq Num: 500270

Instrument: ACIS

Obs ID: 2820

Source: VELA PWN

PI: Dr. George Pavlov

Title: THE DYNAMICAL PULSAR-WIND NEBULA IN THE VELA SNR

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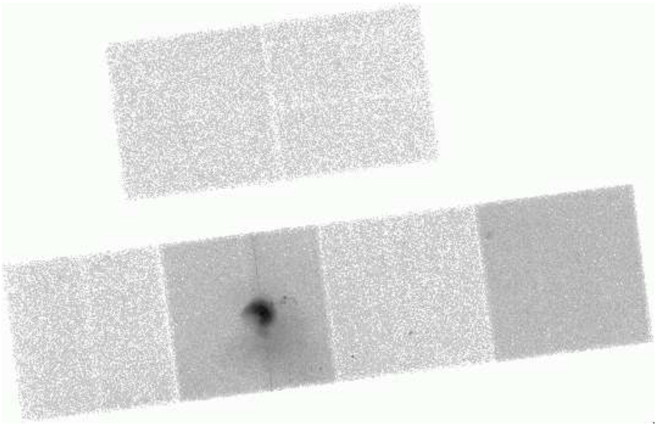
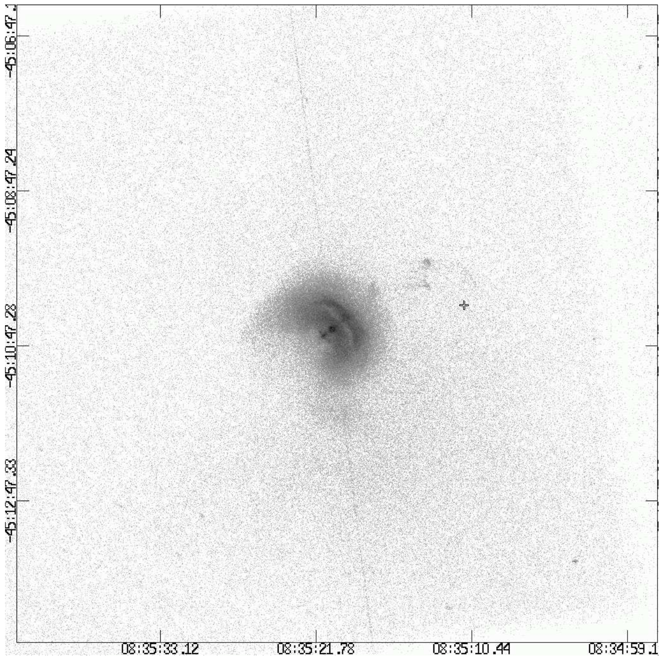
acisf02820N002 full img2.fits



acisf02820N002 cntr img2.fits



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Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.9	ASCDS version number
DATE	2006-09-30T10:00:53	Date and time of file creation
DATE-OBS	2002-08-06T17:14:31	Observation start date
DATE-END	2002-08-06T23:07:13	Observation end date
RA_PNT	128.79573064104	Pointing RA
DEC_PNT	-45.171210373147	Pointing Dec
ROLL_PNT	172.63917689605	Pointing Roll
RA_TARG	128.83625	Observer's specified target RA
DEC_TARG	-45.176667	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	2006-09-30T10:34:35	Date and time of file creation
DATE-OBS	2002-08-06T17:14:31	Observation start date
DATE-END	2002-08-06T23:07:13	Observation end date
INSTRUME	ACIS	Instrument
DETNAM	ACIS-235678	Detector
GRATING	NONE	Grating
OBJECT	VELA PWN	Source name
TITLE	THE DYNAMICAL PULSAR-WIND NEBULA IN THE VELA SNR	Proposal title
OBSERVER	Dr. George Pavlov	Principal investigator
OBS_ID	2820	Observation id
SEQ_NUM	500270	Sequence number
RA_NOM	128.79573064104	Nominal RA
DEC_NOM	-45.171210373147	Nominal Dec
ROLL_NOM	172.63917689605	Nominal Roll

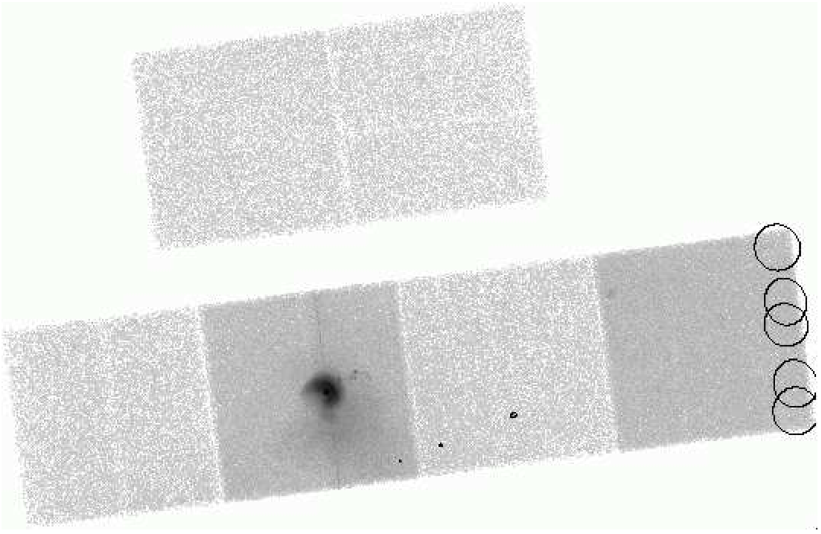
Chandra X-ray Center Seq Num: 500270

Instrument: ACIS Obs ID: 2820

Source: VELA PWN PI: Dr. George Pavlov

Title: THE DYNAMICAL PULSAR-WIND NEBULA IN THE VELA SNR

Full Field with Sources



List of the Brighest Sources in the Field				
RA[deg]	DEC[deg]	NET_COUNTS[count]	NET_COUNTS_ERR[count]	SNR
128.358847	-45.189949	543.541504	52.220131	10.408659
128.720700	-45.215254	167.142853	16.224173	10.302088
128.378482	-45.072758	505.425262	50.105259	10.087270
128.836043	-45.176119	586.428589	61.591202	9.521304
128.646686	-45.193819	124.540001	14.858694	8.381625
128.359630	-45.170277	456.634552	55.283241	8.259910
128.369456	-45.128254	433.629456	53.975895	8.033761
128.761884	-45.226277	104.670456	13.238786	7.906349
128.838356	-45.177729	343.857147	46.825317	7.343402
128.370030	-45.111674	391.488373	54.990170	7.119243