Chandra X-ray Center

Seq Num: 500263

Instrument: ACIS

Obs ID: 2813

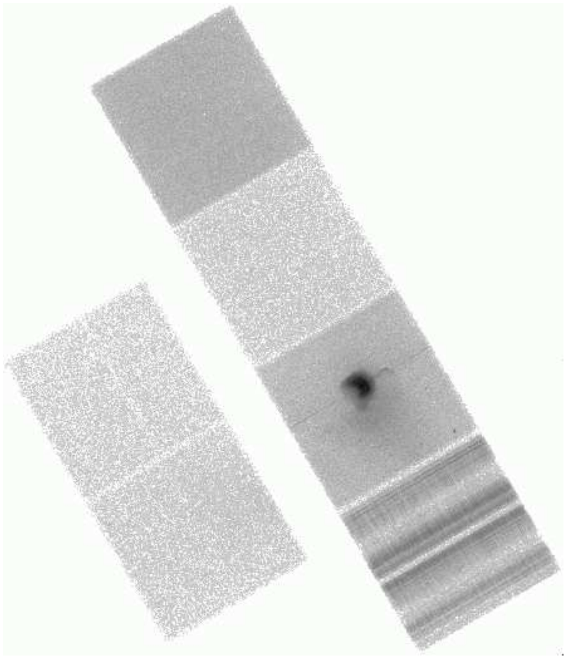
Source: VELA PWN

PI: Dr. George Pavlov

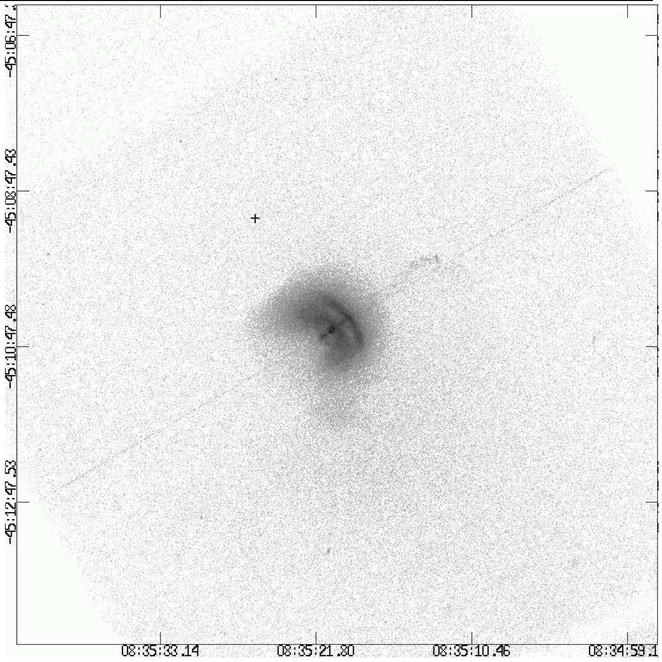
Title: THE DYNAMICAL PULSAR-WIND NEBULA IN THE VELA SNR

---

acisf02813N002 full img2.fits



acisf02813N002 cntr img2.fits



Chandra X-ray Center Seq Num: 500263

Instrument: ACIS Obs ID: 2813

Source: VELA PWN PI: Dr. George Pavlov

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

Level 1 Observational Parameters		
Parameter	Value	Description
ASCDSVER	7.6.10	ASCDS version number
DATE	2007-01-20T10:01:38	Date and time of file creation
DATE-OBS	2001-11-25T18:05:10	Observation start date
DATE-END	2001-11-25T23:49:41	Observation end date
RA_PNT	128.85916409355	Pointing RA
DEC_PNT	-45.152461715407	Pointing Dec
ROLL_PNT	59.745773595834	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	7.6.10	ASCDS version number
DATE	2007-01-20T10:20:56	Date and time of file creation
DATE-OBS	2001-11-25T18:05:10	Observation start date
DATE-END	2001-11-25T23:49:41	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	2813	Observation id
SEQ_NUM	500263	Sequence number
RA_NOM	128.85916409355	Nominal RA
DEC_NOM	-45.152461715407	Nominal Dec
ROLL_NOM	59.745773595834	Nominal Roll

Chandra X-ray Center

Seq Num: 500263

Instrument: ACIS

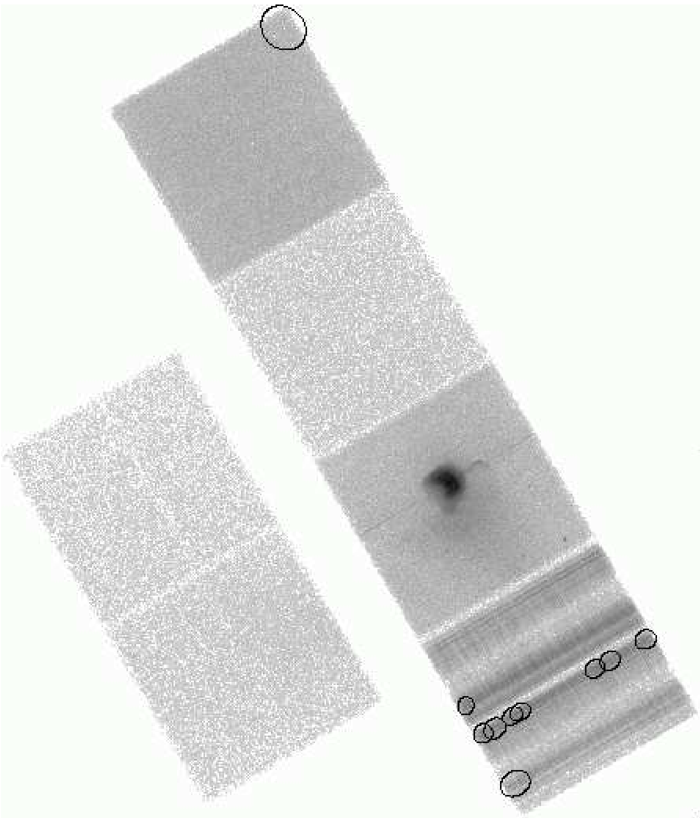
Obs ID: 2813

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
128.802230	-45.350927	899.384827	52.271248	17.206110
128.641231	-45.285199	966.533020	56.280457	17.173512
128.770311	-45.385669	672.041687	51.005558	13.175852
128.790655	-45.347437	813.929443	62.949242	12.929933
128.691554	-45.305675	755.833313	62.478378	12.097518
128.676418	-45.299990	746.291687	63.042664	11.837883
128.819517	-45.331613	552.738647	48.179314	11.472530
128.998977	-44.858986	635.767456	56.085255	11.335732
128.765596	-45.335930	680.708313	60.633896	11.226531
128.773025	-45.338751	644.875000	58.496071	11.024244