

V&V Summary Report

L2 ASCDS Version : 7.6.9

Observation 2572 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Sep 26 2006

See axaff02572N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2006.10.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	65.955

Comments

Several x-ray sources are present in this field and are included in the region defining the dispersed spectrum of the target. Spectrum could be re-extracted to separate the spectra of all the sources, which would produce a more accurate spectrum and background. Zeroth order image and dispersed spectrum of V729 Cyg present, although considerably off-axis. The dispersed spectrum of V729 Cyg and possibly other sources partially overlap the spectral arms of the dispersed spectrum of the primary target. Note that the standard pipeline processing only extracts the dispersed spectral data for one source, in this case the primary target Cyg OB28A. Extraction software must be run with custom parameters to extract all the spectra from all the sources simultaneously and be sure the events are sorted into the proper source and spectral order.

Analysis will be tricky because spectra for several sources are superimposed. User could possibly exploit asymmetry in plus and minus orders.

seq_num	200180
obs_id	2572
title	OBSERVING FAST AND MASSIVE HOT STAR WINDS IN THE CYG OB2 ASSOCIATION
observer	Dr. Joseph Cassinelli
object	CYG OB2 8A
dtcycle	0
cycle	P
ra_targ	308.312917
dec_targ	41.314028
ra_nom	308.30007419392
dec_nom	41.31496155405
roll_nom	184.66510472161
revision	2
ontime	65955.158774018
livetime	65119.994840193
ontime4	65958.399754286
ontime5	65958.399754286
ontime6	65955.158774018
ontime7	65955.158774018
ontime8	65955.158774018
ontime9	65951.917803764
l2events	604695

