

V&V Summary Report

L2 ASCDS Version : 10.2.2

Observation 16194 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 11 2014

See [axaff16194N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.734359020889

Comments

These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

seq_num	901116	Sequence number
obs_id	16194	Observation id
title	The Tarantula -- Revealed by X-rays (T-ReX): A Definitive Chandra Investigation of 30 Doradus	Proposal title
observer	Dr. Leisa Townsley	Principal investigator
object	30 Doradus	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	84.676667	Observer's specified target RA [deg]
dec_targ	-69.100806	Observer's specified target Dec [deg]
ra_nom	84.661991976738	Nominal RA [deg]
dec_nom	-69.106939425986	Nominal Dec [deg]
roll_nom	212.19497571117	Nominal Roll [deg]
revision	2	Processing version of data
ontime	31734.359020889	Sum of GTIs [s]
livetime	31332.519458829	Livetime [s]
ontime0	31734.358881593	Sum of GTIs [s]
ontime1	31737.599881828	Sum of GTIs [s]
ontime2	31737.599881828	Sum of GTIs [s]
ontime3	31734.359020889	Sum of GTIs [s]
ontime6	31737.599881828	Sum of GTIs [s]
ontime7	31737.599881828	Sum of GTIs [s]
l2events	315296	Number of level 2 events

