V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 11311 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 1 2012

See axaff11311N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.02.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	39.038300300241

Comments

The data for this observation have been processed using the 'EDSER'
sub-pixel event-repositioning algorithm of Li et al. (2004, ApJ, 610,
1204). Small-scale features should become sharper for sources near the
aim point. The improvement will be less noticeable for off-axis sources
where the size of the point-spread function is comparable to or larger
than the size of an ACIS pixel. To take full advantage of the
improvement, images should be binned on spatial scales smaller than the
size of an ACIS pixel. Note that, at present, the point-spread function
has not been calibrated for data to which the EDSER algorithm has been
applied. If dither was disabled for the observation, then the algorithm
can introduce artificial aliasing effects on spatial scales smaller than
a pixel. If you would prefer to use no sub-pixel adjustment or to apply
a coordinate randomization, then use acis_process_events to reprocess
the data with the parameter pix_adj=NONE or RANDOMIZE, respectively.

seq_num	600830		Sequence number
obs_id	11311		Observation id
title	Low Mass X-ray Binaries in Spiral Galaxies		Proposal title
observer	Arunav Kundu		Principal investigator
object	NGC 2683		Source name
dtycycle	0		&#160
cycle	P		events from which exps? Prim/Second/Both
ra_targ	133.124695		Observer's specified target RA [deg]
dec_targ	33.443232		Observer's specified target Dec [deg]
ra_nom	133.10824333108		Nominal RA [deg]
dec_nom	33.478160454257		Nominal Dec [deg]
roll_nom	107.69280034367		Nominal Roll [deg]
revision	2		Processing version of data
ontime	39038.300300241		Sum of GTIs [s]
livetime	38528.236167239		Livetime [s]
ontime2	39038.300300241		Sum of GTIs [s]
ontime3	39038.300300241		Sum of GTIs [s]
ontime6	39035.159289837		Sum of GTIs [s]
ontime7	39038.300300241		Sum of GTIs [s]
ontime8	39035.159269869		Sum of GTIs [s]
l2events	262746		Number of level 2 events