

V&V Summary Report

L2 ASCDS Version : 10.6.4.1

Observation 20160 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 27 2018

See axaff20160N001_VV001_vvref2.pdf for the full report

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|----------------------------|-----------------|
| V&V Scientist | Joy Nichols |
| V&V Date (YYYY-MM-DD) | 2018.10.29 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 40.027200307965 |

Comments

There are multiple dispersed spectra associated with different sources in this observation. The ciao tool tgextract2 can be used to create non-standard background regions.

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The investigator will want to verify that the zeroth order position is at the desired position for extraction of the spectrum. The nearby star XZ Tau can also be the source for a spectral extraction using TGCat or CIAO tools.

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The source for the spectral extraction in this processing is HL Tau, selected automatically by the software.

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|----------|-------------------------------------------------------|---------------------------------------------|
| seq_num | 201178 | Sequence number |
| obs_id | 20160 | Observation id |
| title | An (X-ray Gratings) Tale of Two Young Stellar Objects | Proposal tit |
| observer | David Principe | Principal investigator |
| object | XZ Tau and HL Tau | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 67.91375 | Observer's specified target RA [deg] |
| dec_targ | 18.232028 | Observer's specified target Dec [deg] |
| ra_nom | 67.908802611025 | Nominal RA [deg] |
| dec_nom | 18.235758954948 | Nominal Dec [deg] |
| roll_nom | 93.158181932329 | Nominal Roll [deg] |
| revision | 1 | Processing version of data |
| ontime | 40027.200307965 | Sum of GTIs [s] |
| livetime | 39504.215468346 | Livetime [s] |
| ontime5 | 40027.200307965 | Sum of GTIs [s] |
| ontime6 | 40024.039958358 | Sum of GTIs [s] |
| ontime7 | 40027.200307965 | Sum of GTIs [s] |
| ontime8 | 40017.716798067 | Sum of GTIs [s] |
| l2events | 444139 | Number of level 2 events |

