

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 4429 - L2 Version 001
Chandra X-Ray Center

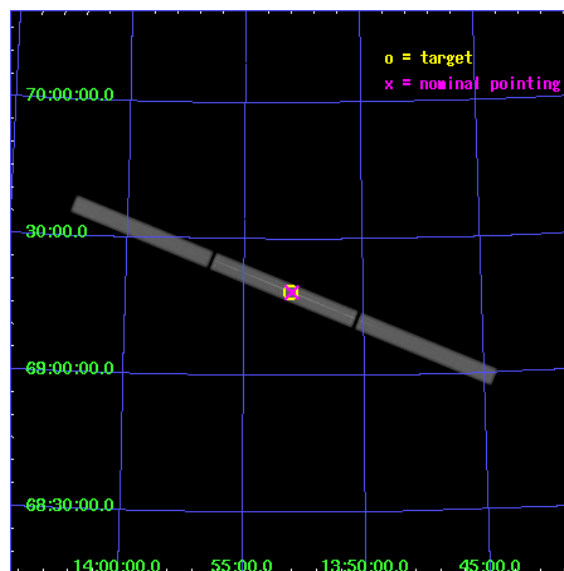
L2 Processing Date : Aug 12 2006

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1 Front

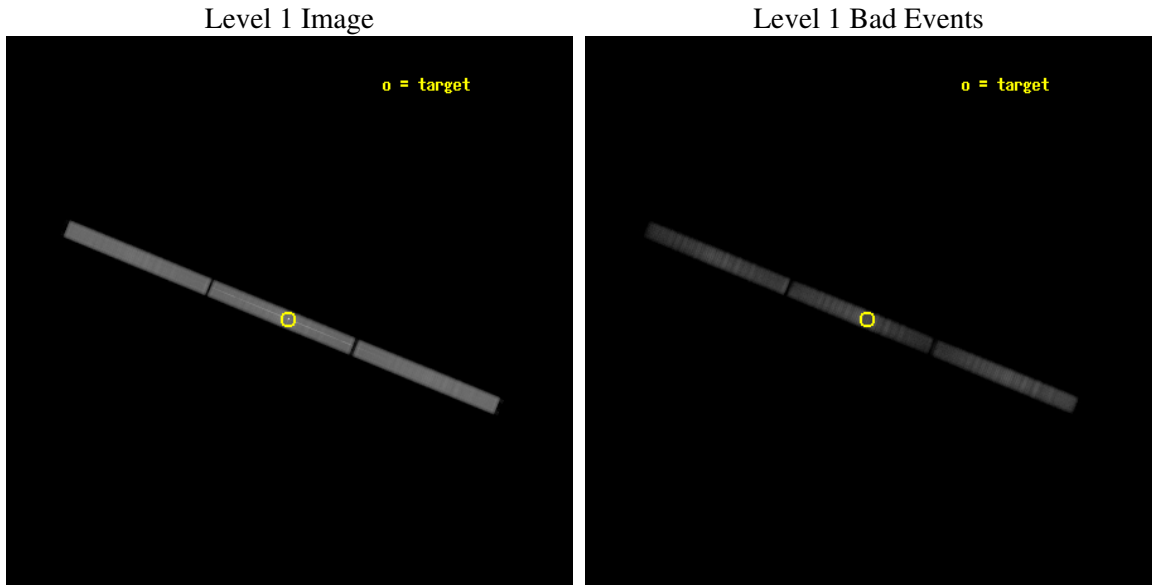
seq_num	700706
obs_id	4429
title	CONNECTING THE X-RAY AND UV IONIZED ABSORBERS IN MRK 279
observer	Dr. Jelle Kaastra
object	MRK 279
ra_targ	208.264583
dec_targ	69.308111
ra_nom	208.25229166535
dec_nom	69.306463863908
roll_nom	202.07883223856
revision	2
ontime	49982.333367407
livetime	49698.097384708
l2events	2102058



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1
ascdsver	7.6.8.1
caldbver	3.2.3
date	2006-08-12T04:26:38
revision	2

sched_exp_time	50000.000000
ontime	50062.027120769
l1events	3151920

2.1.3 Events

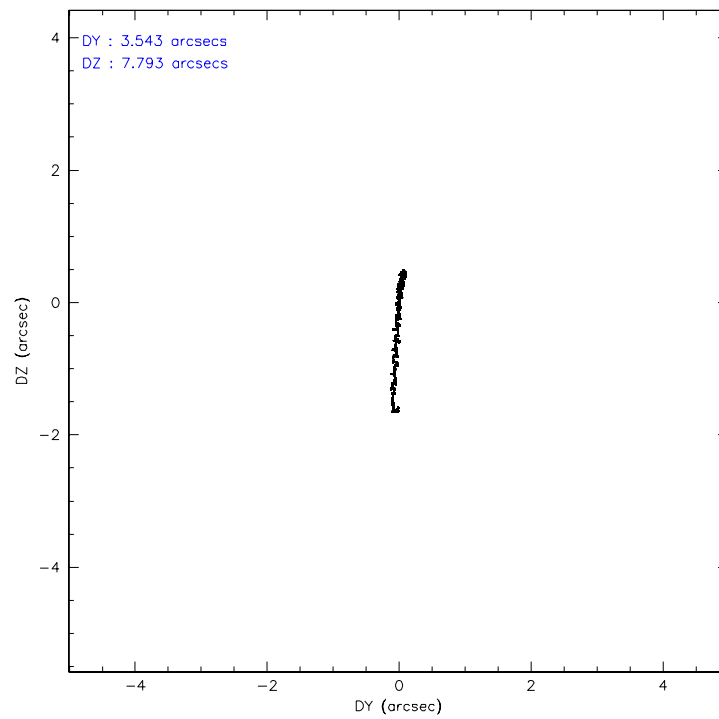
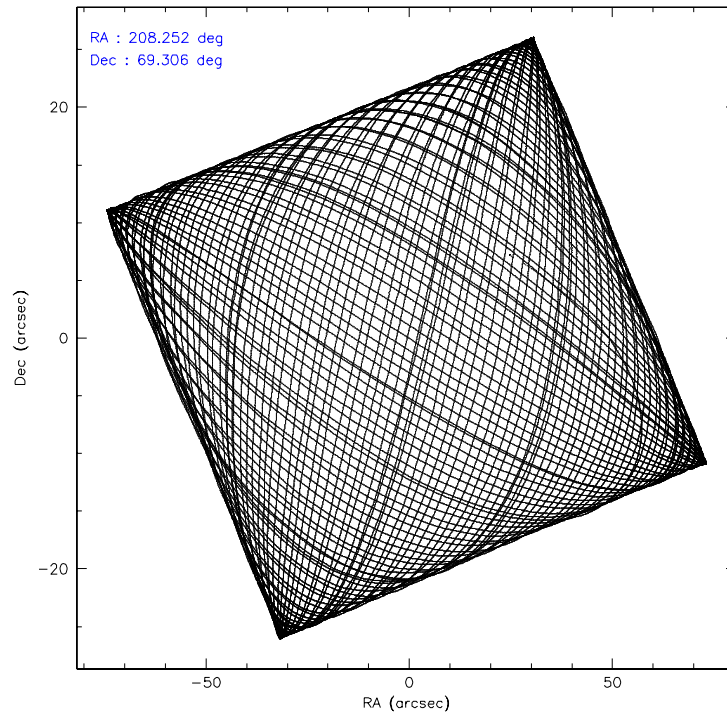
Level 1 Events

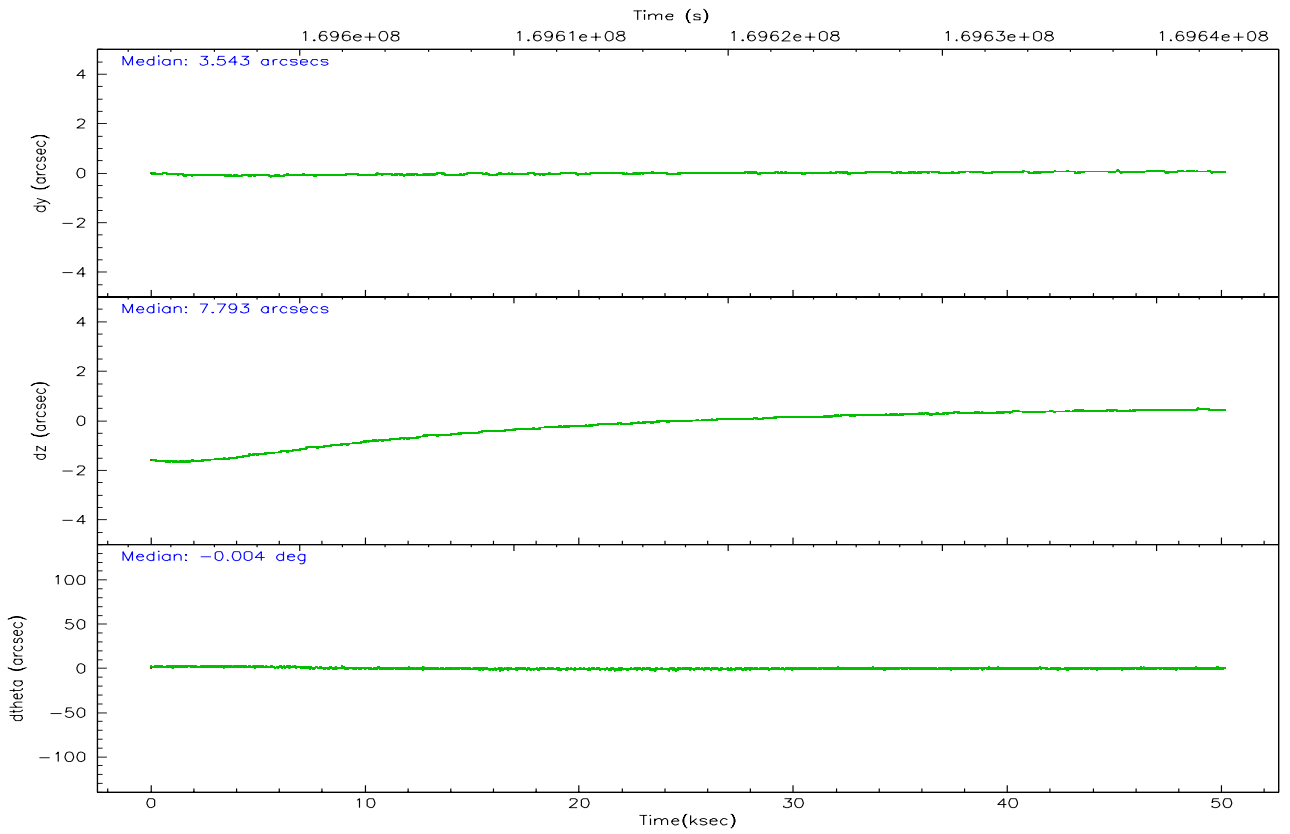
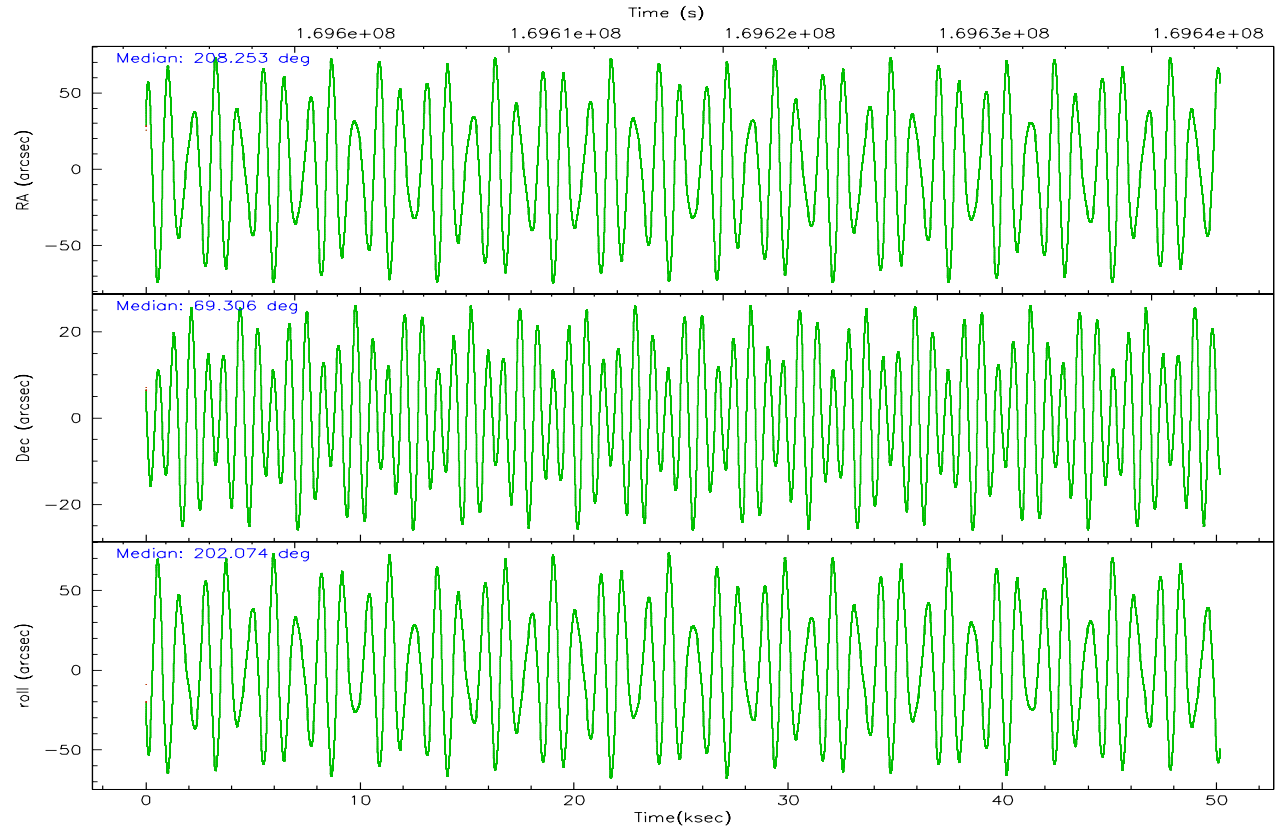
	segment 1	segment 2	segment 3
level 1 events	1024171	1094426	1033323
rejected events	226822	247261	277388
rejected %	22%	22%	26%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	LETG	LETG	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	208.298736	208.2522916653451			
Pointing Dec	69.329880	69.30646386390771			
Pointing Roll	201.968040	202.0788322385648			
SIM focus pos (mm)	-1.429586	-1.428180813131781			
SIM defocus (mm)	0.1037507710433287	0.1051558262725154			
SIM translation stage pos (mm)	250.455976	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	169593223.184000	169592229.49001			
Observation start date	2003-05-17T21:12:39	2003-05-17T20:57:09			
Observation end time	169643223.184000	169644004.80471			
Observation end date	2003-05-18T11:05:59	2003-05-18T11:20:04			

2.3 Aspect



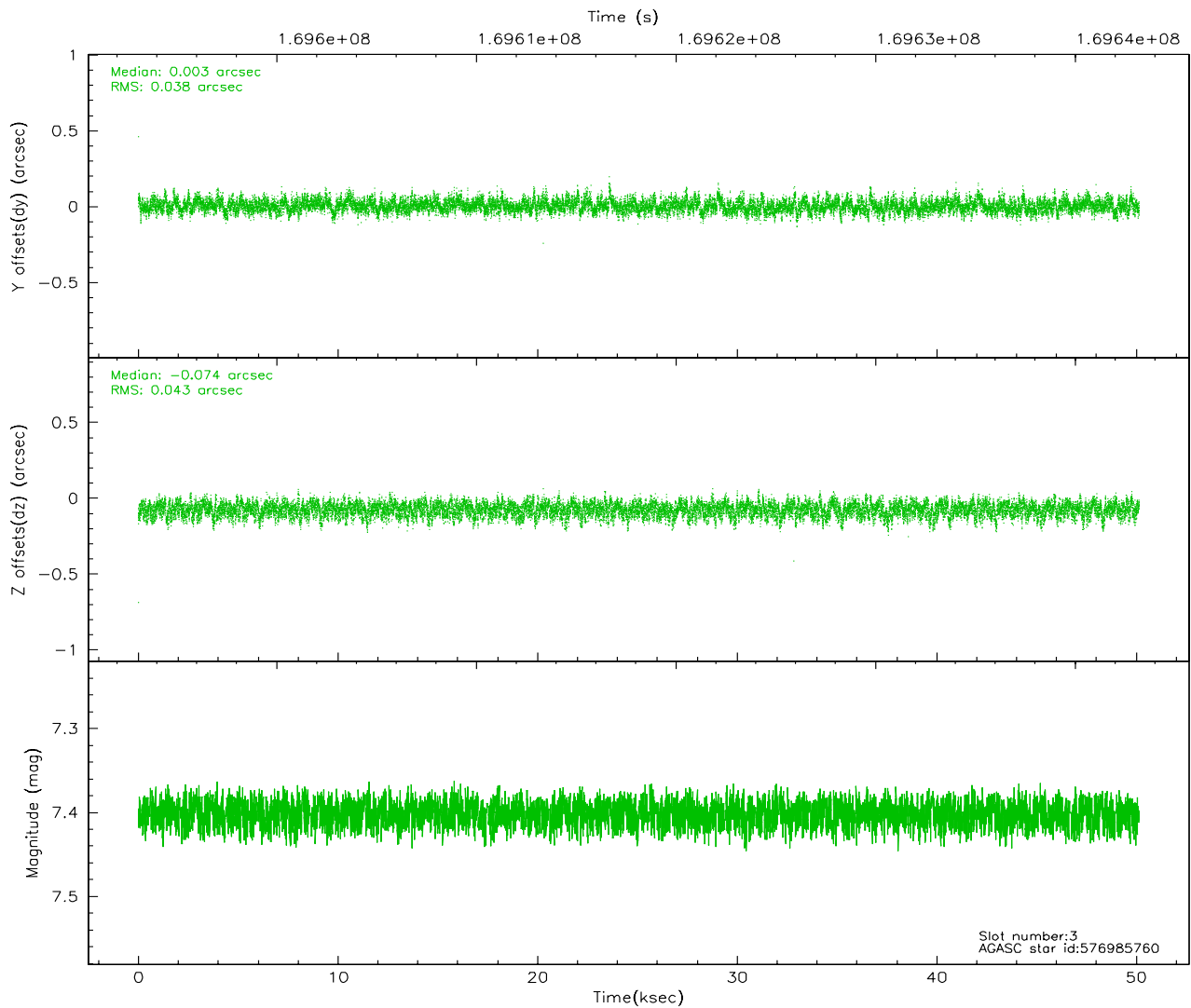
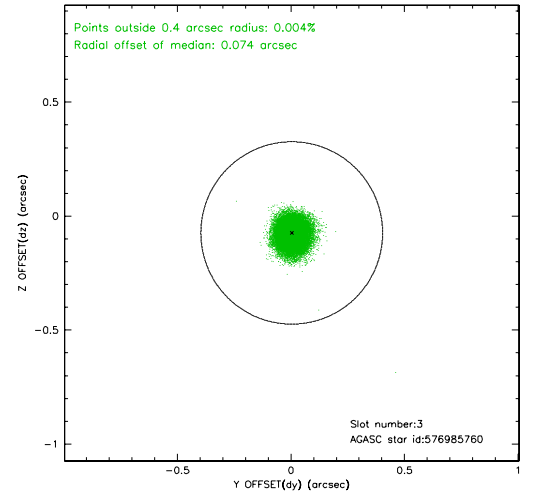
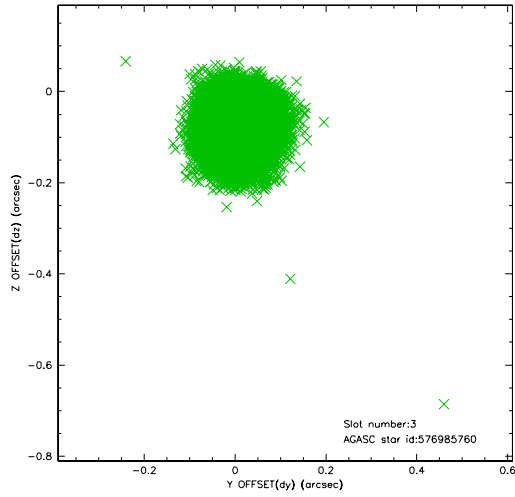


Slot Statistics

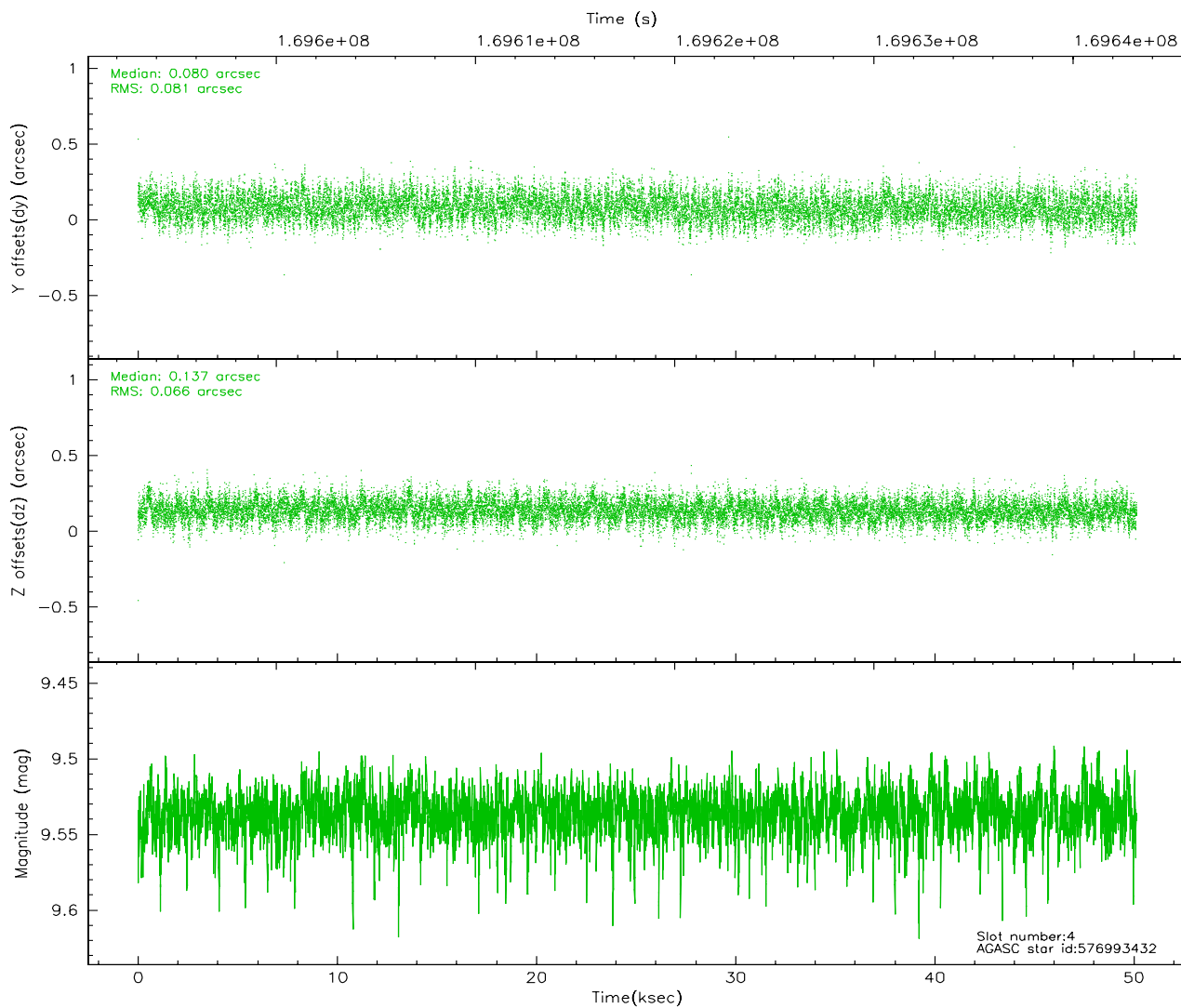
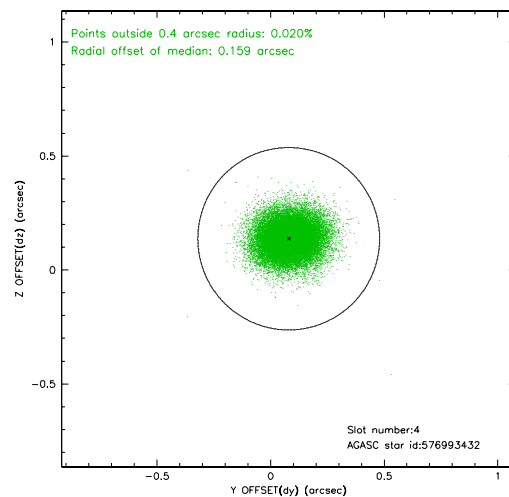
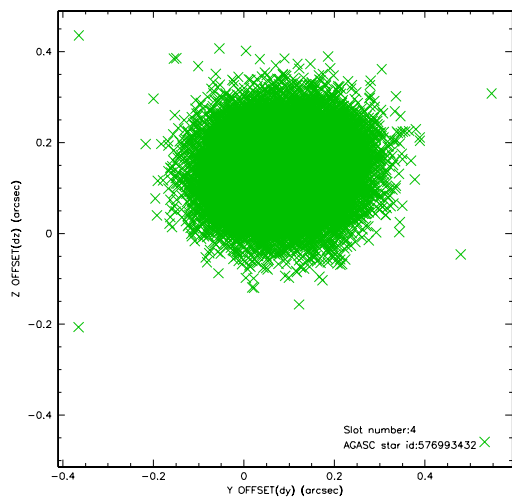
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	12235	0.146	-0.110	0.013	0.044	0.000000	0.000000	-1157.58	-456.13
1	FID	HRC-S-2	6.99	12235	0.099	-0.093	0.017	0.023	0.000000	0.000000	1241.96	-448.77
2	FID	HRC-S-3	7.01	12234	0.149	-0.100	0.014	0.054	0.000000	0.000000	-1160.20	573.38
3	GUIDE	576985760	7.40	24464	0.003	-0.074	0.061	0.098	207.721529	69.153363	922.36	309.64
4	GUIDE	576993432	9.54	24443	0.080	0.137	0.112	0.180	207.256317	68.646298	2183.77	1760.70
5	GUIDE	577120624	7.14	24466	-0.097	-0.050	0.064	0.101	208.865374	69.935124	-1465.00	-1761.95
6	GUIDE	577121192	7.88	24467	0.013	0.031	0.074	0.129	208.693523	69.547622	-754.16	-542.63
7	GUIDE	577124216	10.10	24350	0.002	-0.039	0.150	0.251	209.315908	68.857467	-592.62	2061.00

2.4 Star Slots

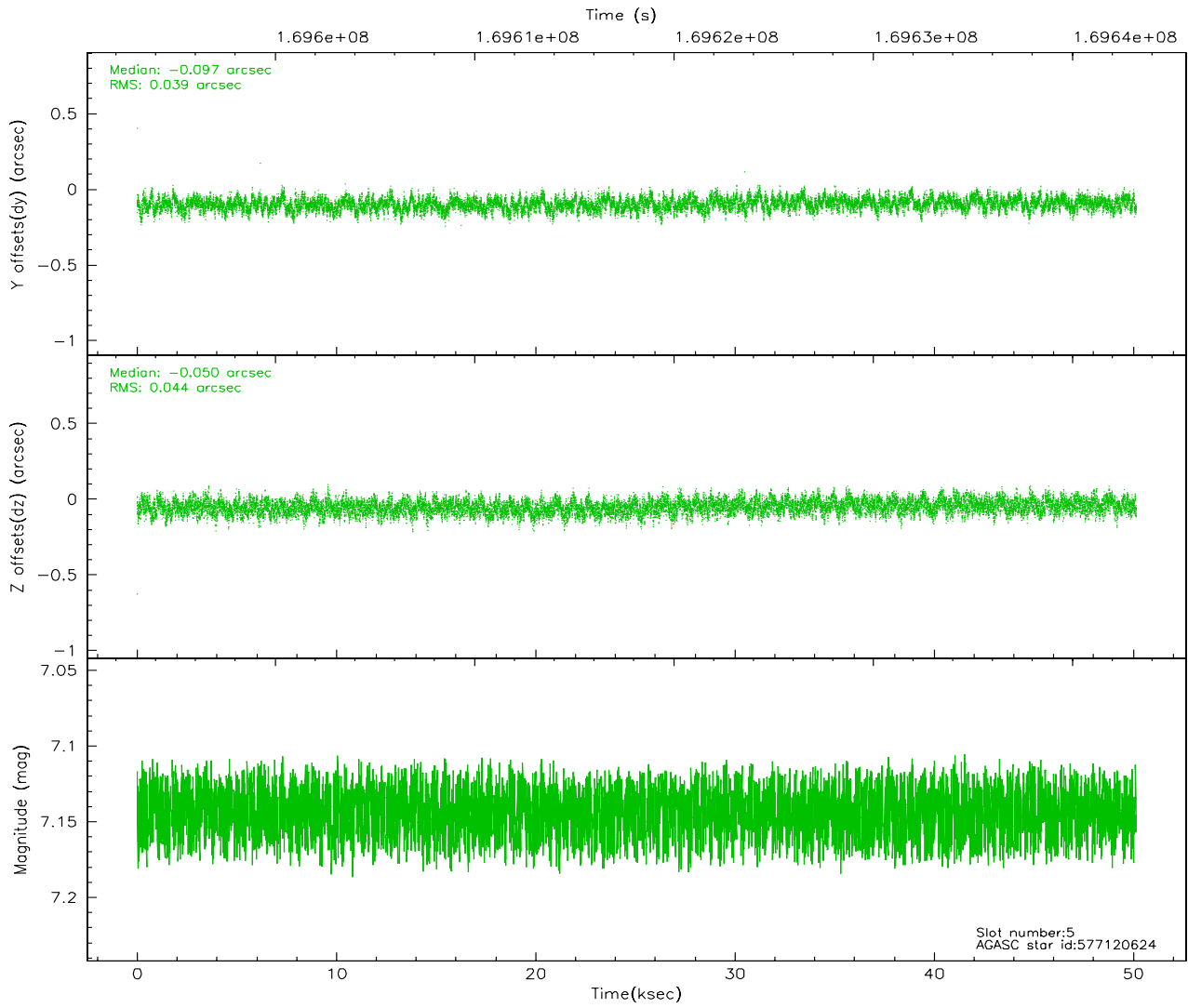
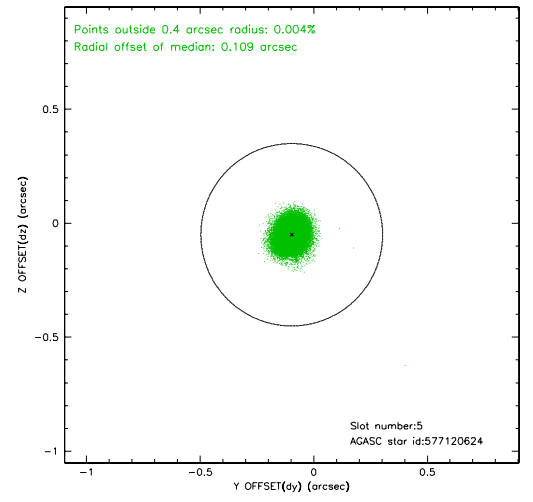
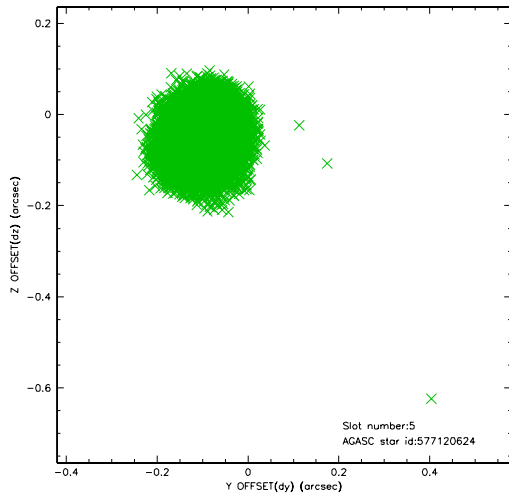
2.4.1 Slot 3



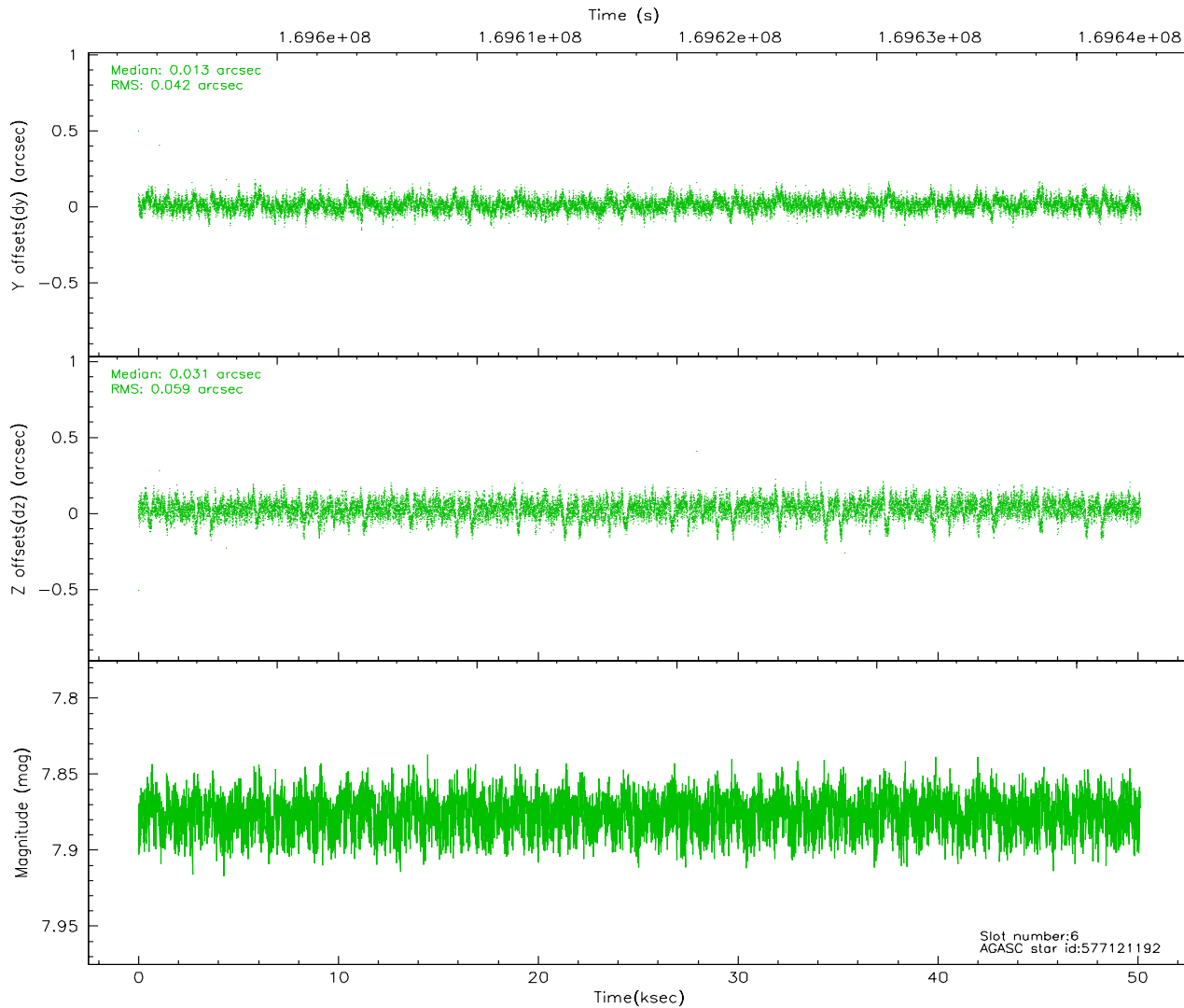
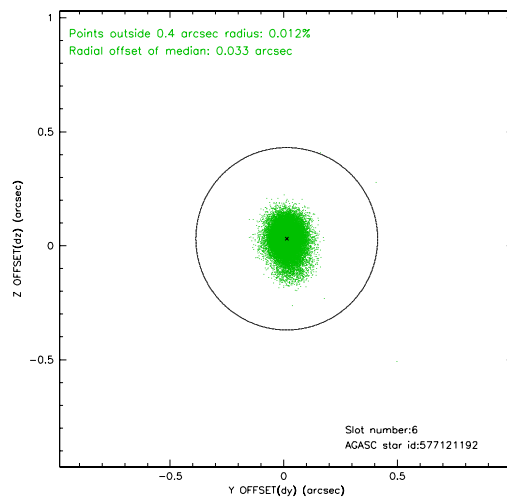
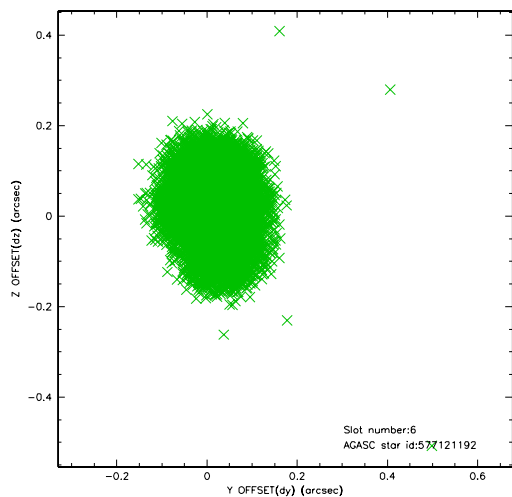
2.4.2 Slot 4



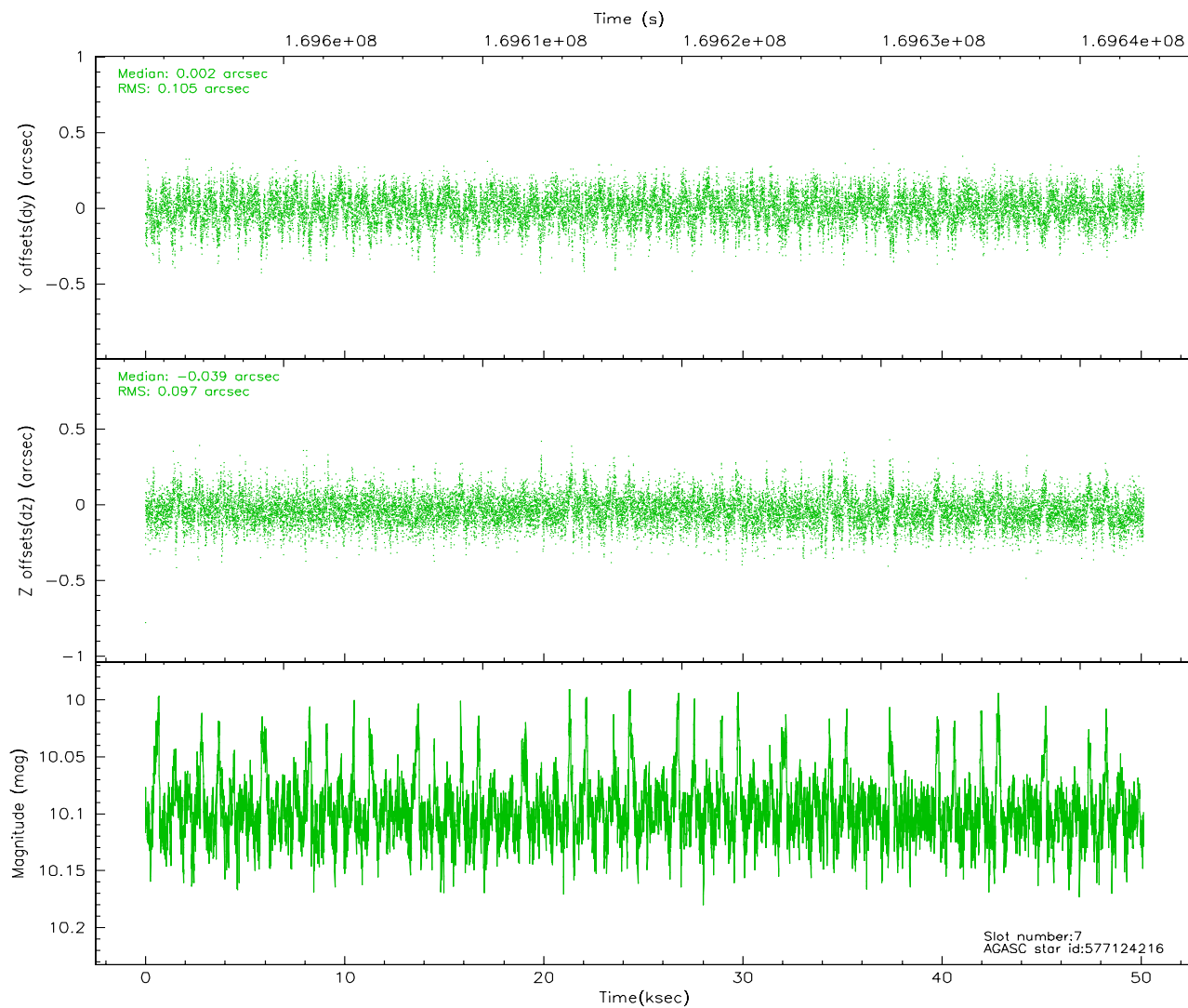
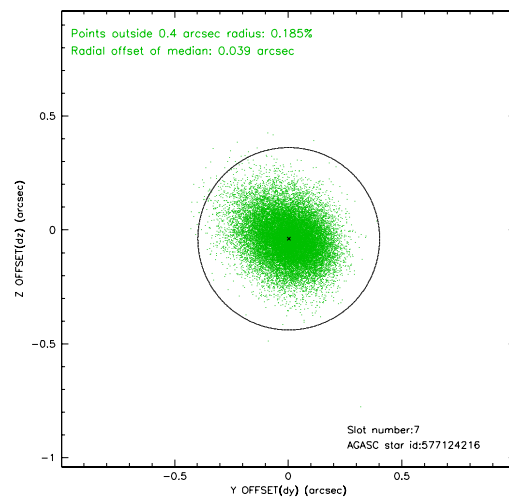
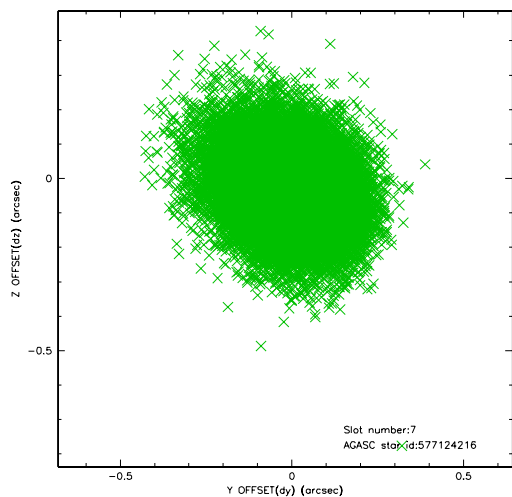
2.4.3 Slot 5



2.4.4 Slot 6

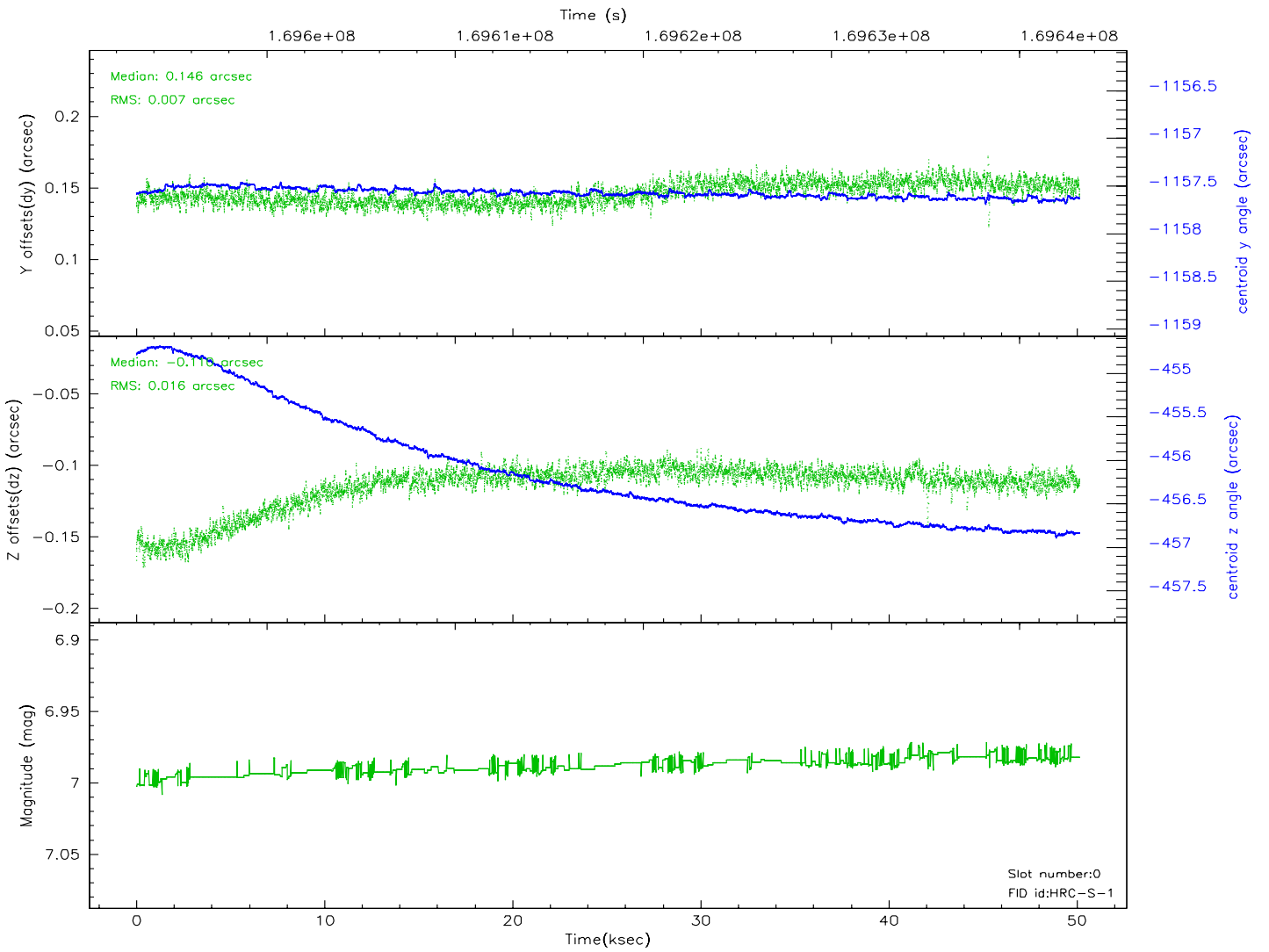
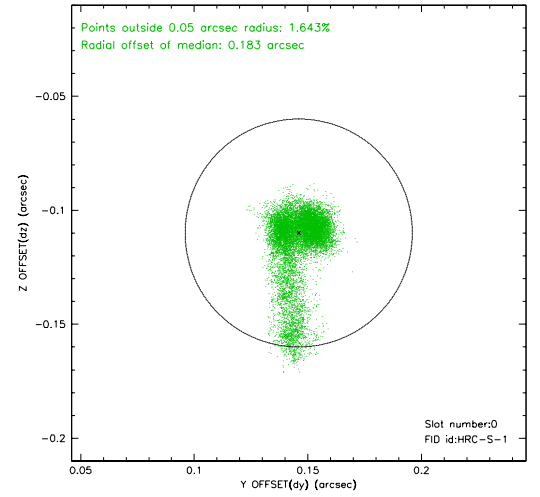
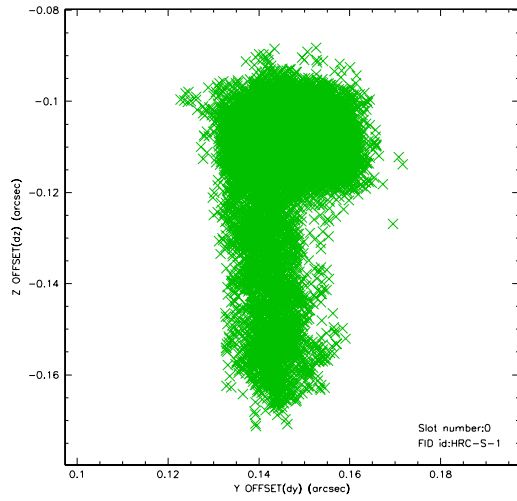


2.4.5 Slot 7

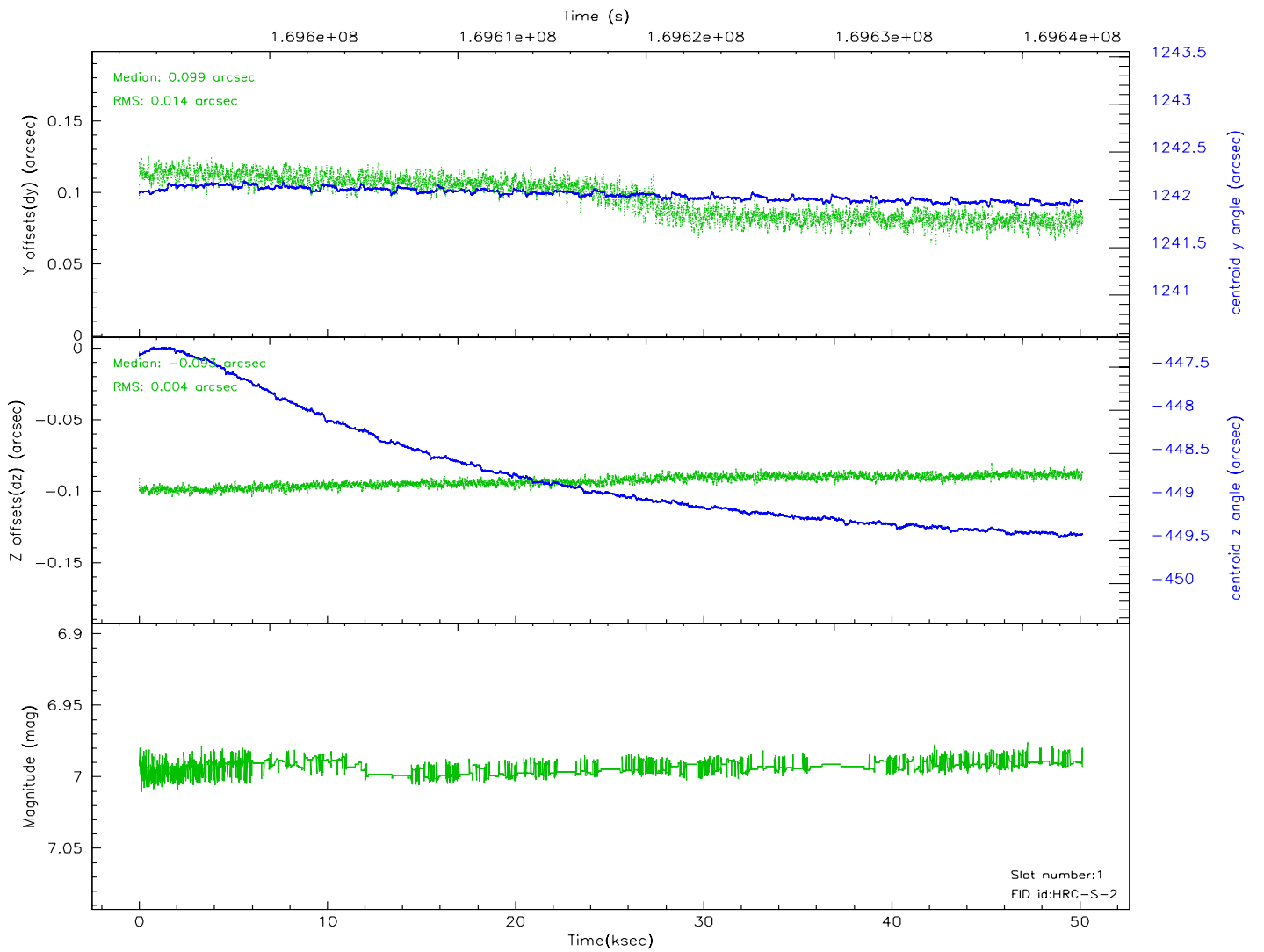
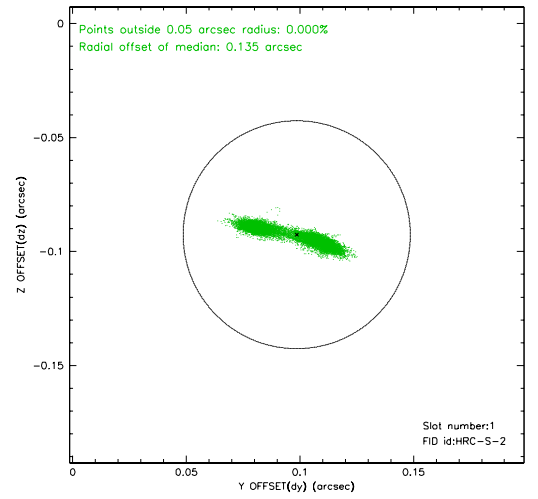
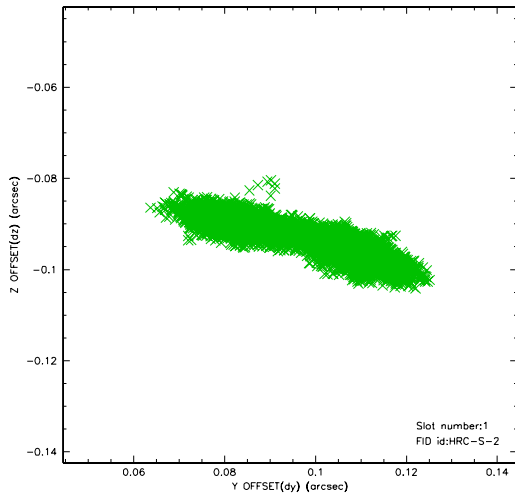


2.5 FID Slots

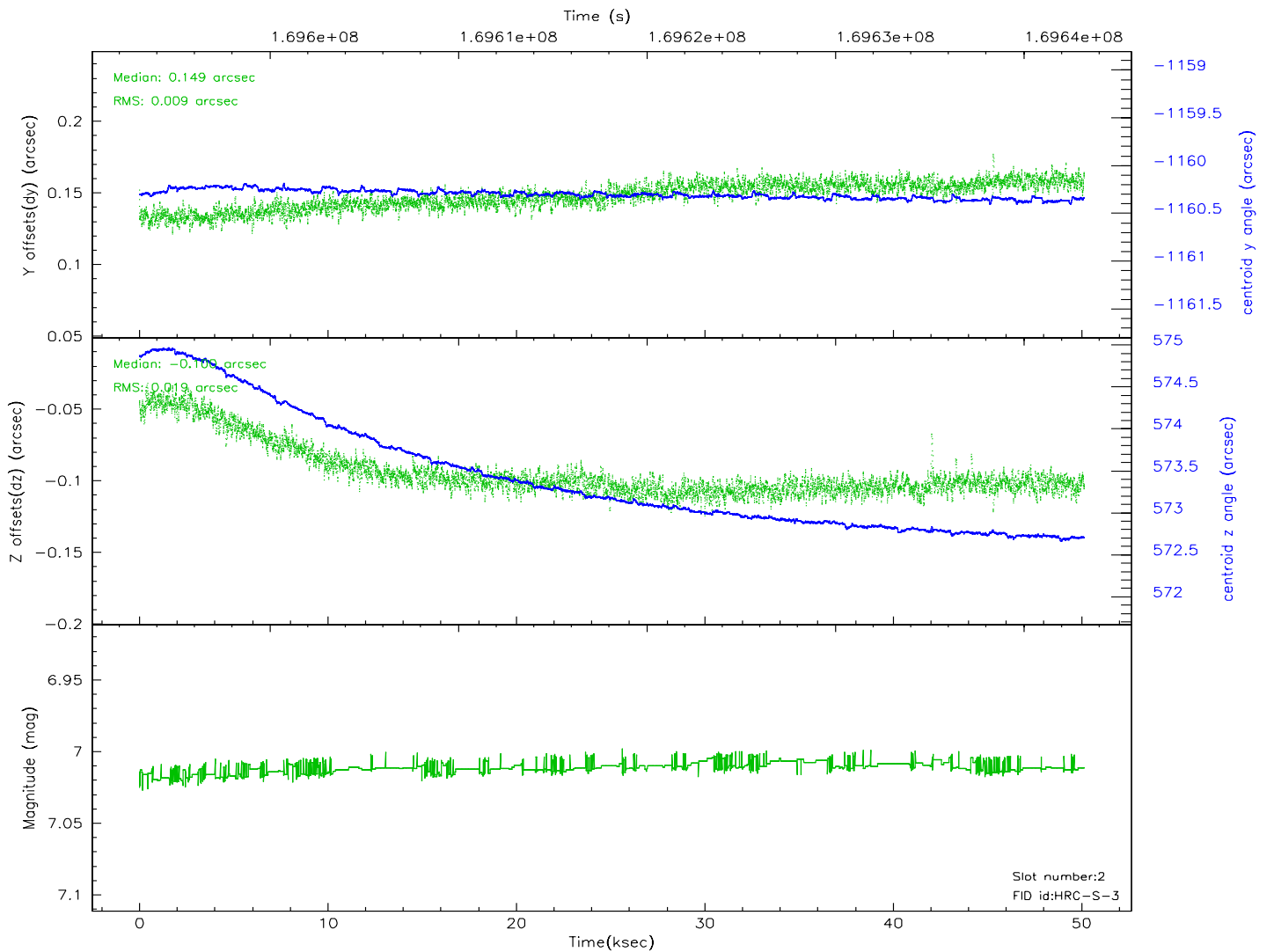
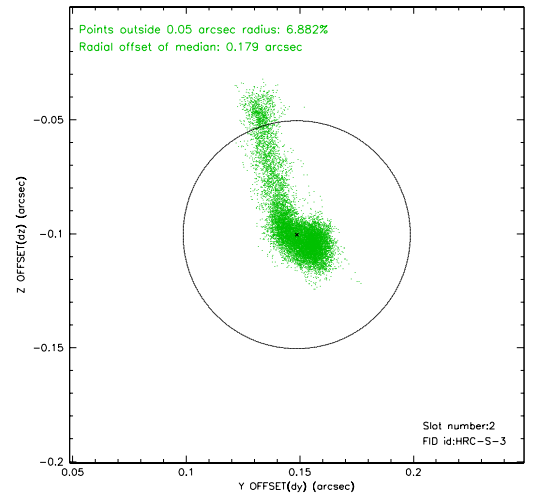
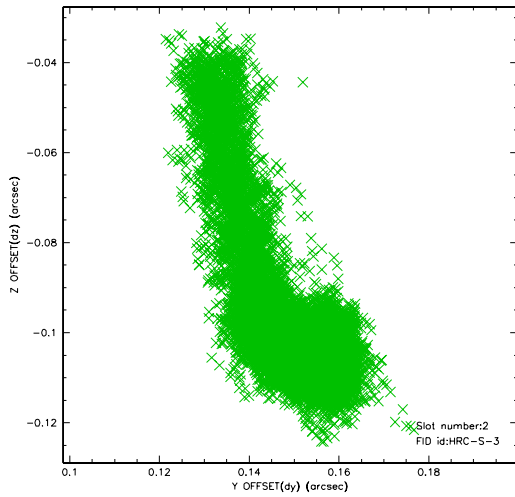
2.5.1 Slot 0



2.5.2 Slot 1

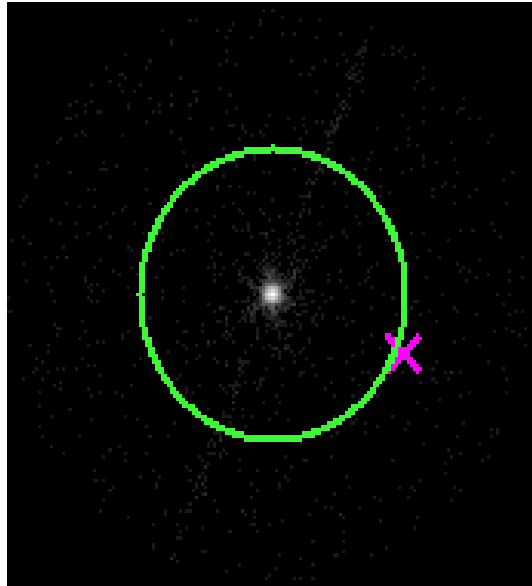


2.5.3 Slot 2



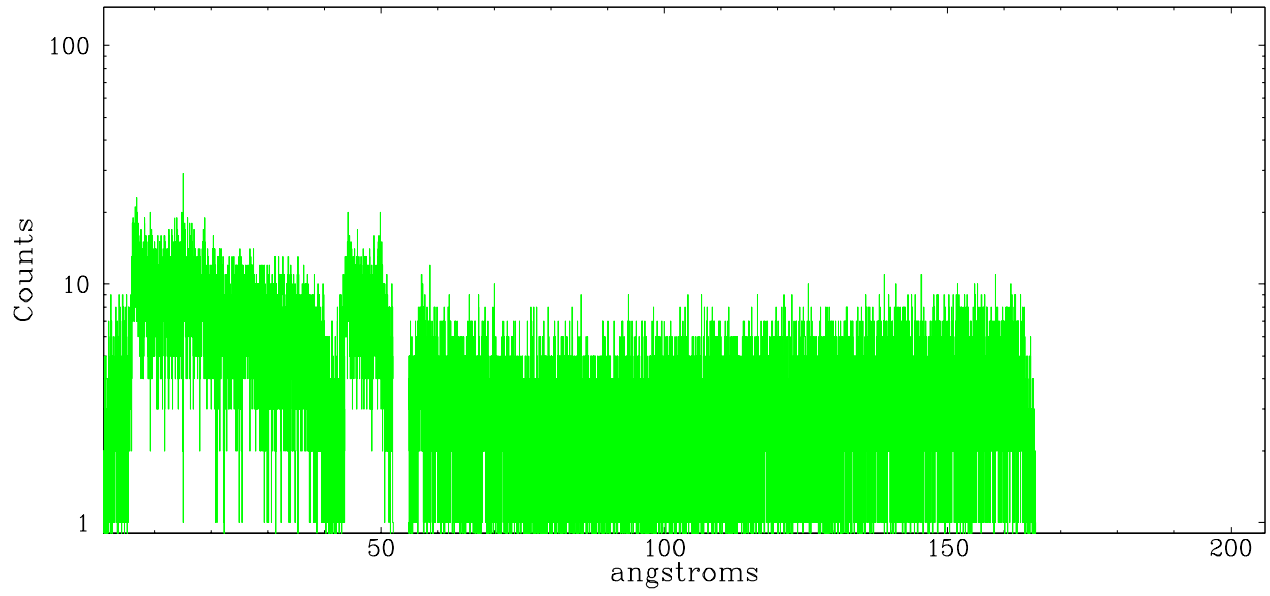
3 Gratings

3.1 LETG Arm

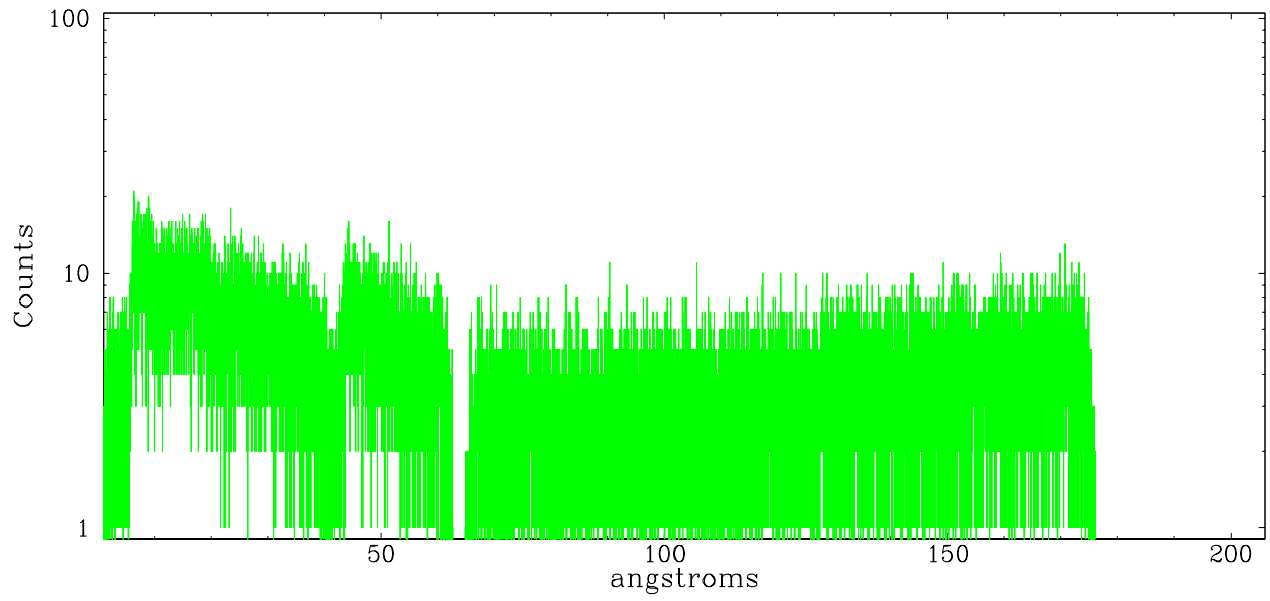


LETG Zero Order

leg order -1



leg order +1



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	49.982

A.2 Comments