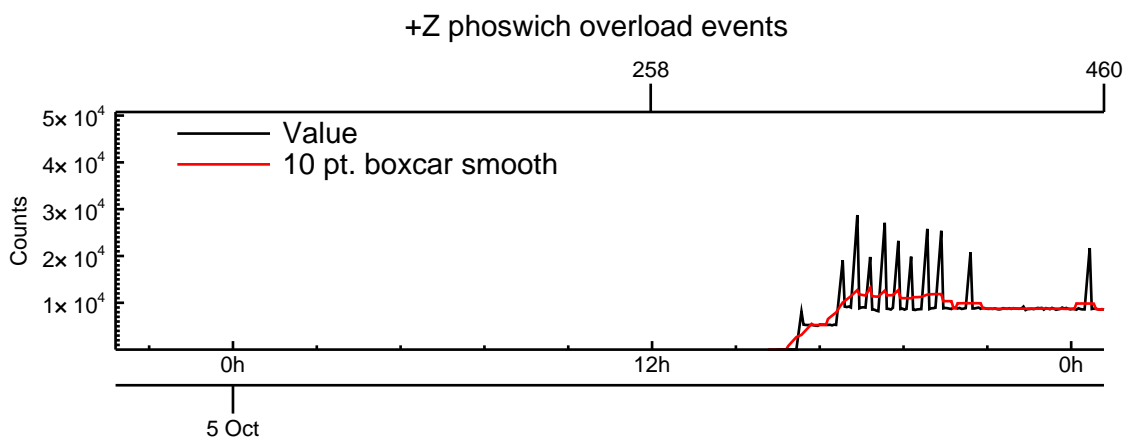
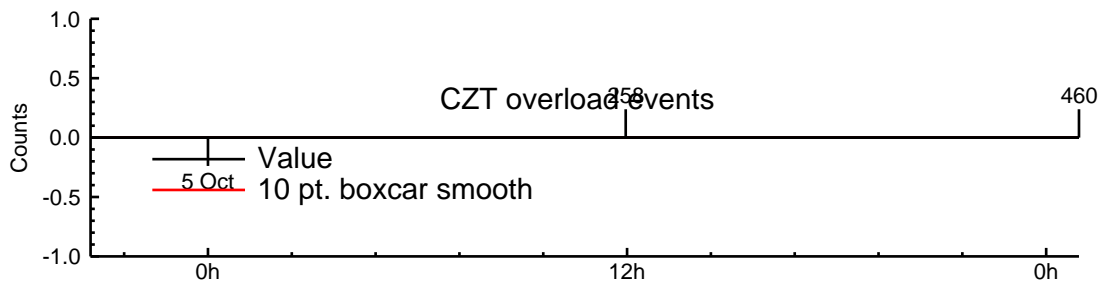
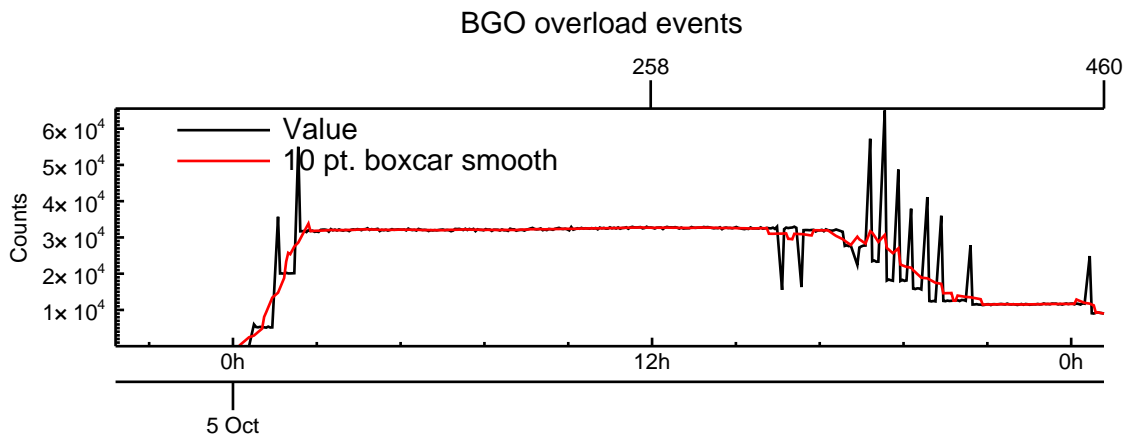
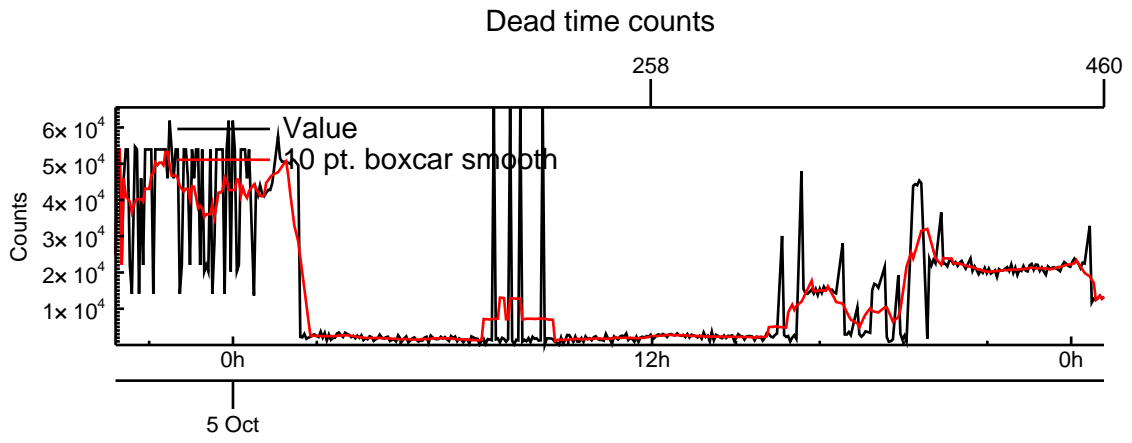
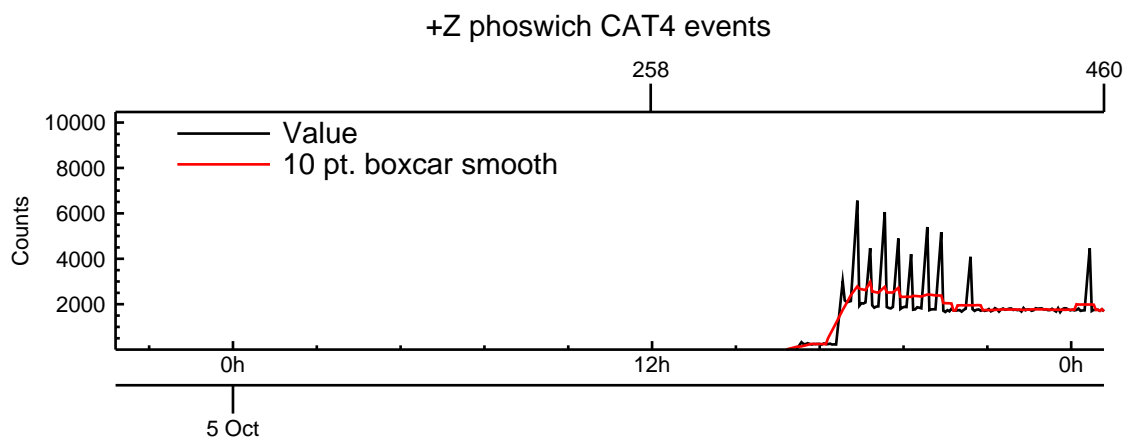
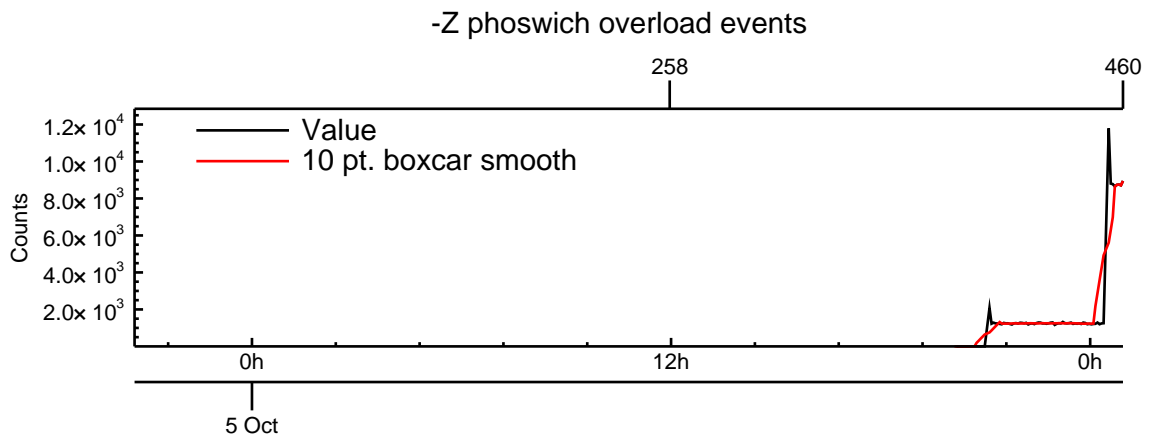
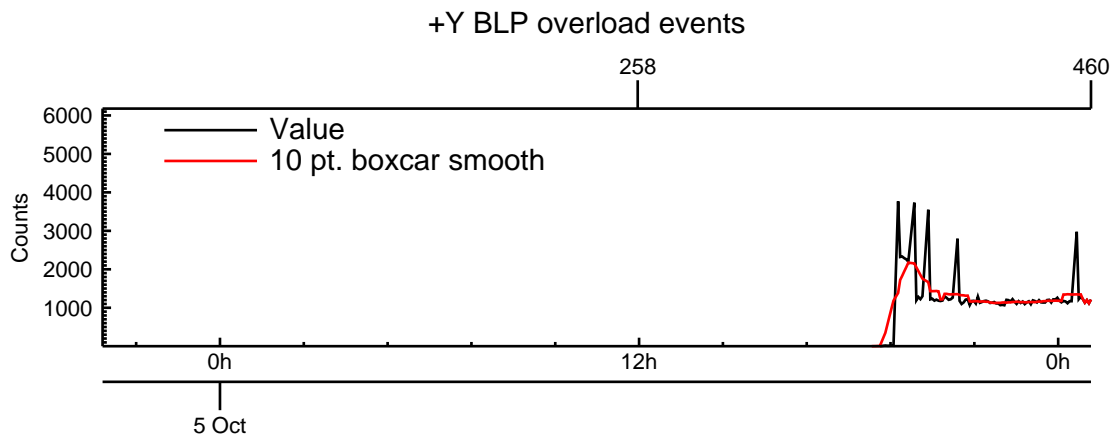
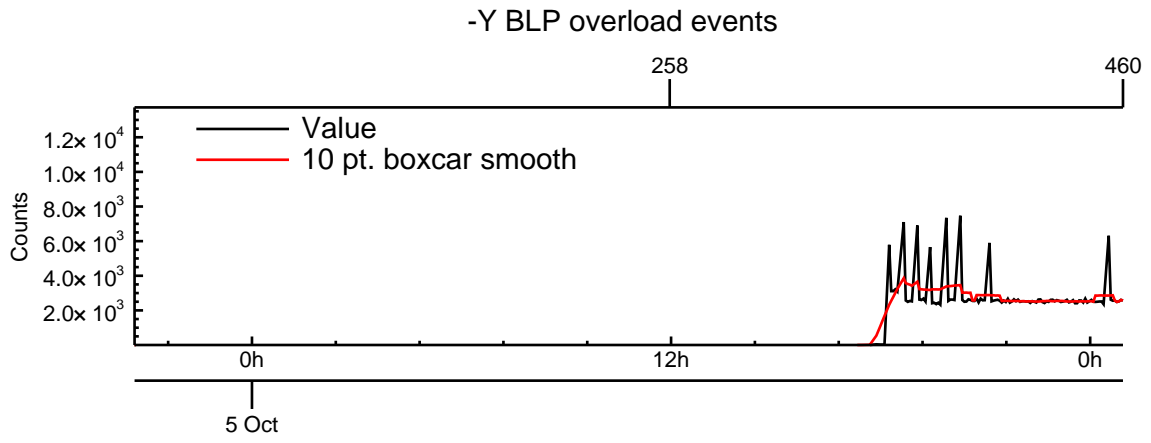


NASA Dawn Mission  
**GRaND@Vesta Browse Charts**  
 GRD-L1A-111004-111006\_130628

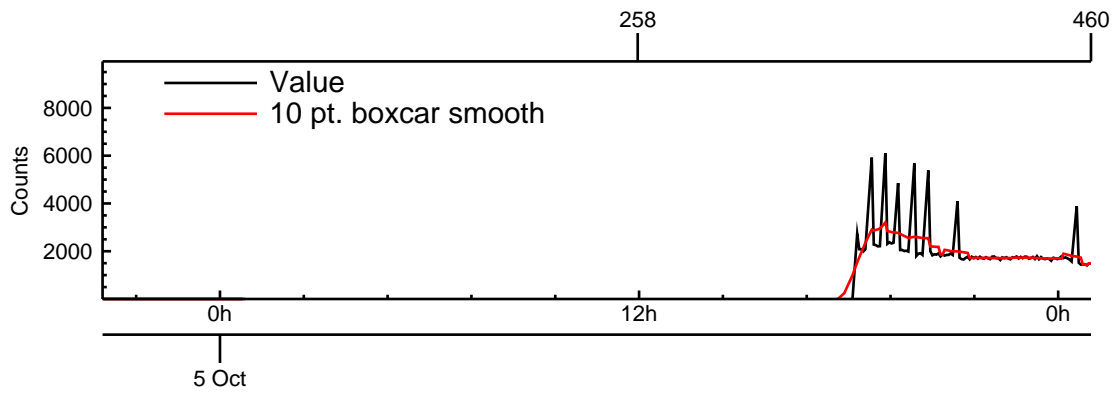
- Number of science records: 461  
 0 missing science packets with 0 gaps.  
 Start/End: 2011-10-04T20:38:56 to 2011-10-06T00:56:59
- Number of SOH records: 7276  
 15785 missing SOH packets with 2 gaps.  
 Start/End: 2011-09-29T00:00:36 to 2011-10-06T00:59:36
- Comments: Browse charts.
  - Provides an overview of data contained within this directory.
  - Refer to the .STA file for detailed state information.
  - The energy scale for calibrated spectra may not be accurate.
- Number of states = 119
- Instrument settings for first state (STATE\_INDEX 0):

TELREADOUT	2000	NEMG_TOT_EVTS	3876
TELSOH	35	NEMG_CZT_EVTS	3376
MODE	0	NEMN_TOT_EVTS	2800
HVPS1	0	L_BGO_CW	1
HVPS1_SET	0	H_BGO_CW	64
HVPS2	0	L_BGO_ROI	1
HVPS2_SET	0	H_BGO_ROI	64
HVPS3	0	L_BLP_MY_CW	1
HVPS3_SET	0	H_BLP_MY_CW	64
HVPS4	0	L_BLP_MY_ROI	1
HVPS4_SET	0	H_BLP_MY_ROI	64
HVPS5	0	L_BLP_PY_CW	1
HVPS5_SET	0	H_BLP_PY_CW	64
HVPS6	0	L_BLP_PY_ROI	1
HVPS6_SET	0	H_BLP_PY_ROI	64
PM5_LVPS	1	L_BLP_MZ_CW	1
P12_LVPS	1	H_BLP_MZ_CW	64
HEATERS_ENABLE	0	L_BLP_MZ_ROI	1
CZT_PM5_LVPS	1	H_BLP_MZ_ROI	64
CZT_ENABLES		L_BLP_PZ_CW	1
	0010001000000010	H_BLP_PZ_CW	64
		L_BLP_PZ_ROI	1
		H_BLP_PZ_ROI	64

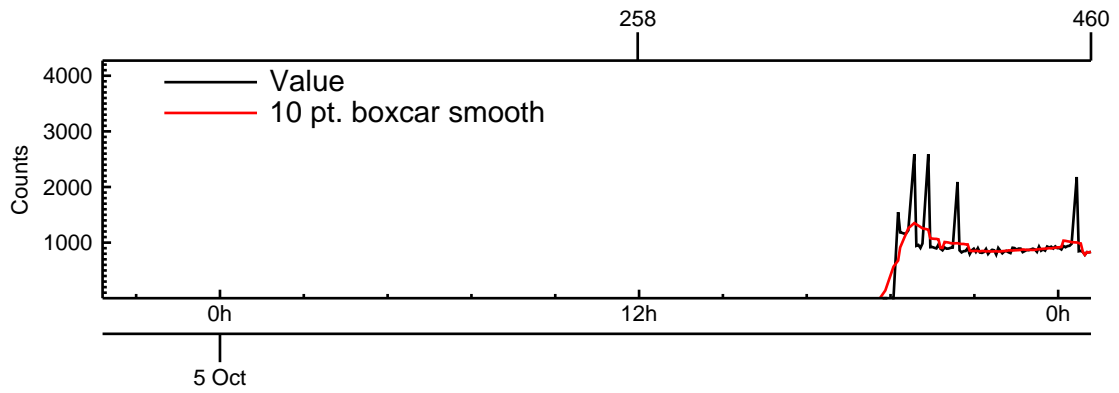




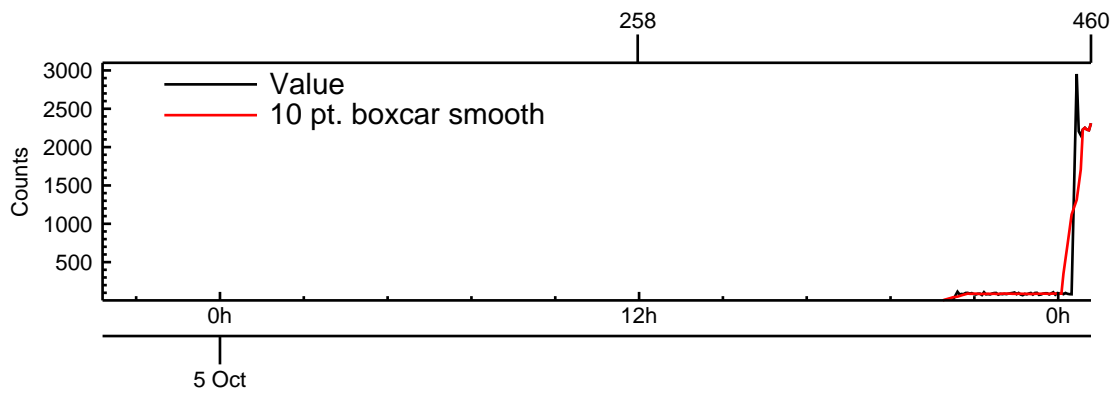
-Y BLP CAT4 events



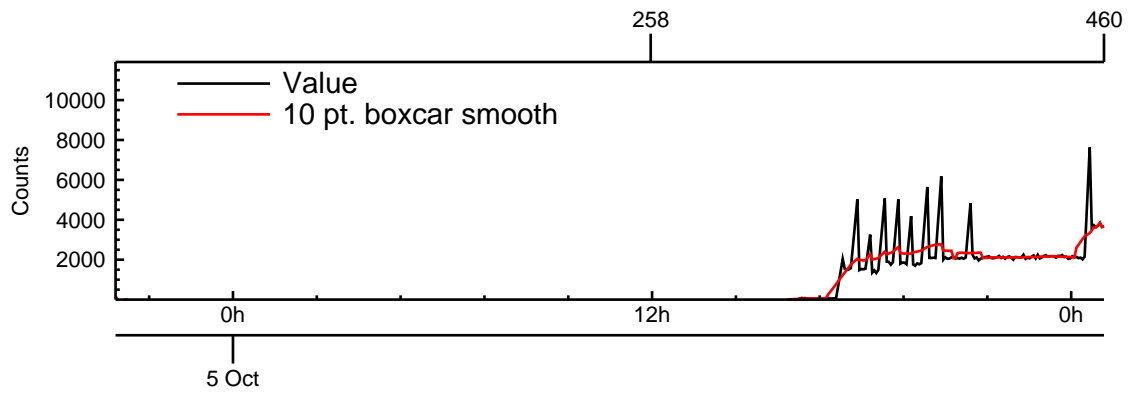
+Y BLP CAT4 events

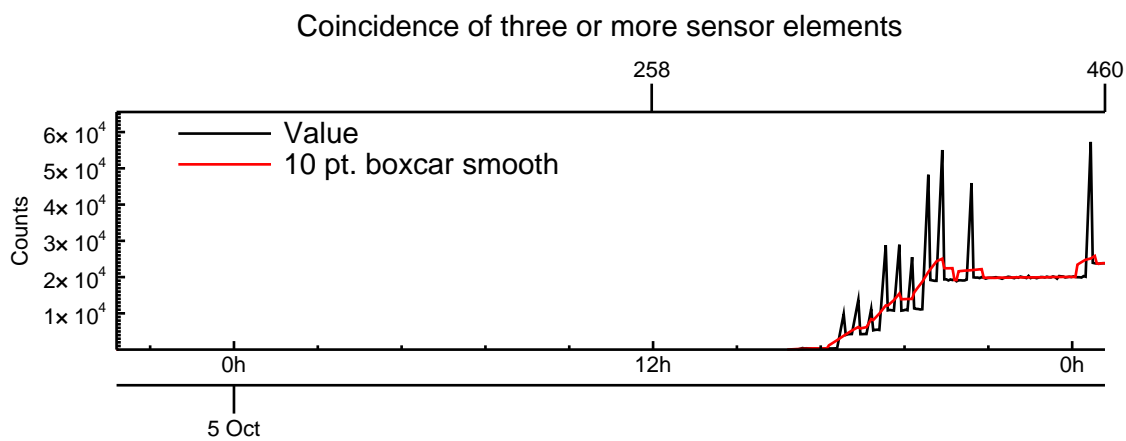
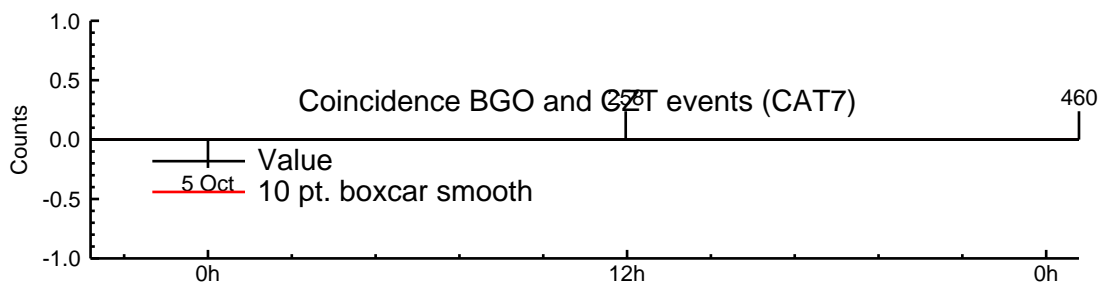
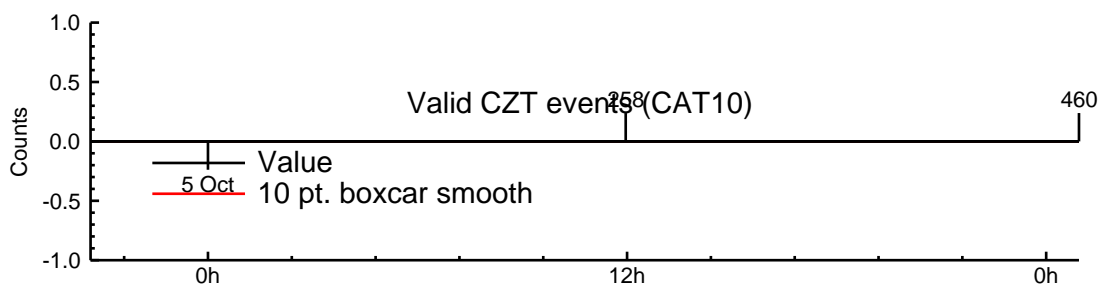
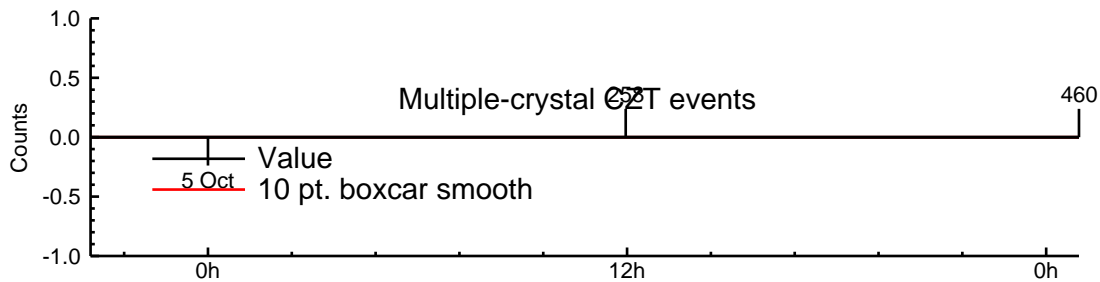


-Z phoswich CAT4 events

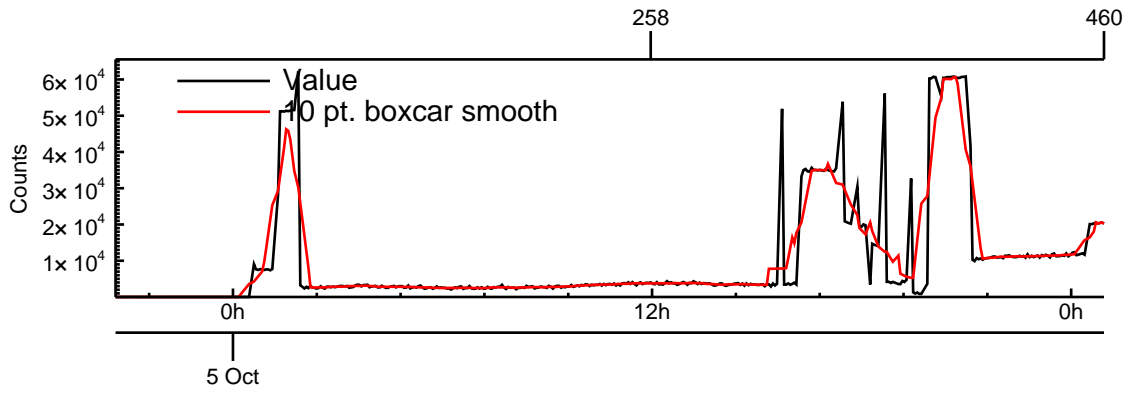


Early second interaction events

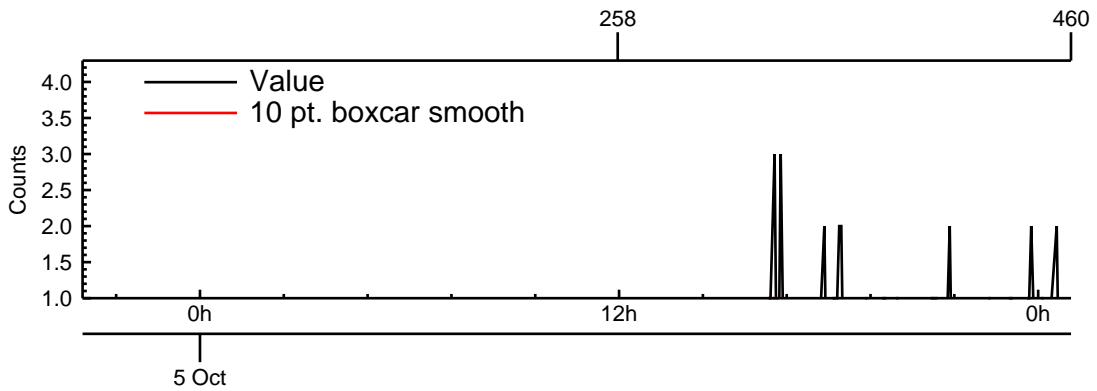




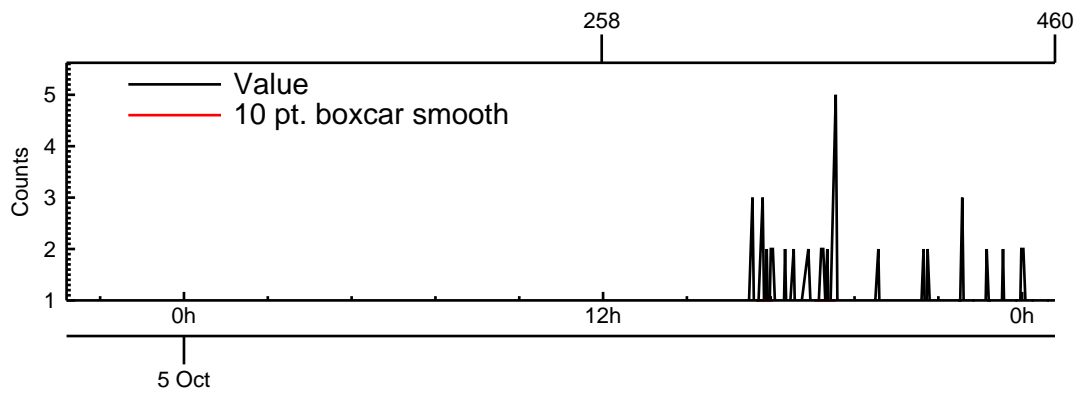
### Total events processed by GRaND



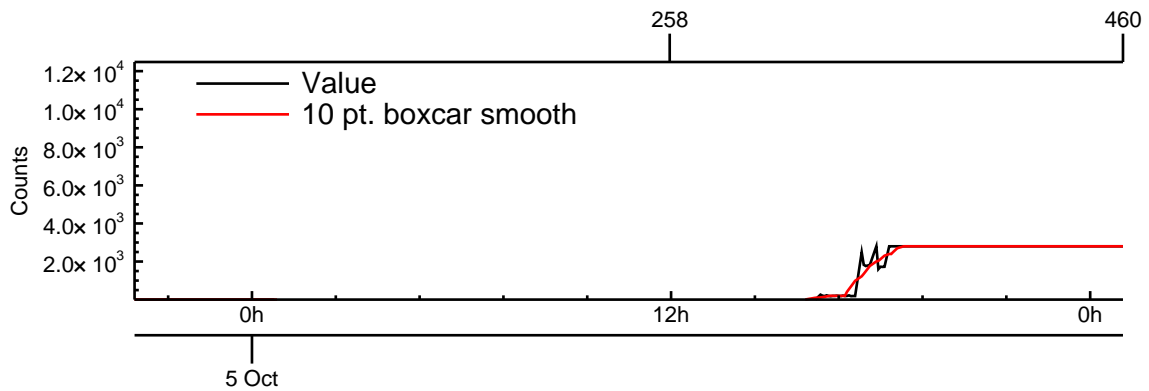
### Number of single CZT events (CAT10) in the gamma ray event buffer



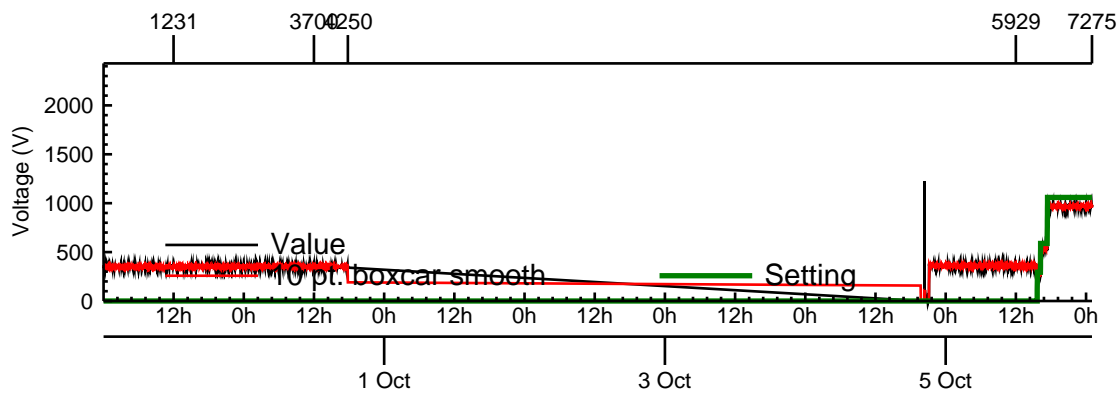
### Number of BGO-CZT events (CAT7) in the gamma ray event buffer



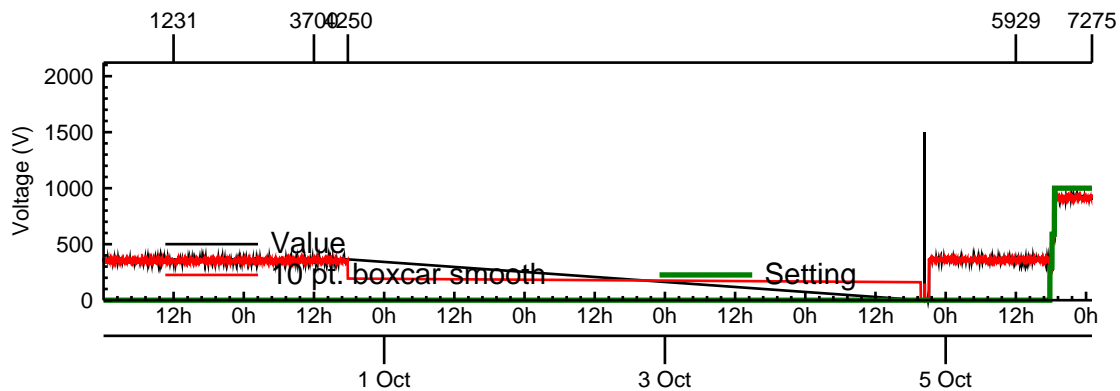
### Number of events (CAT4) in the neutron event buffer



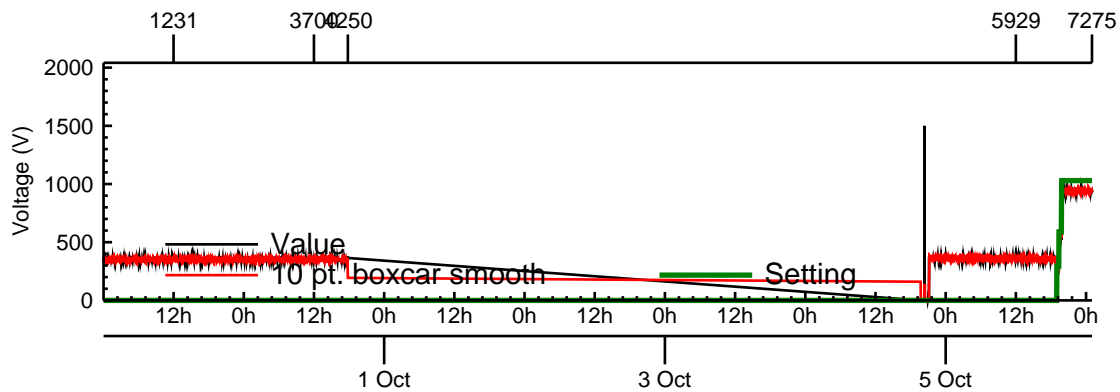
### HVPS1 (+Z)



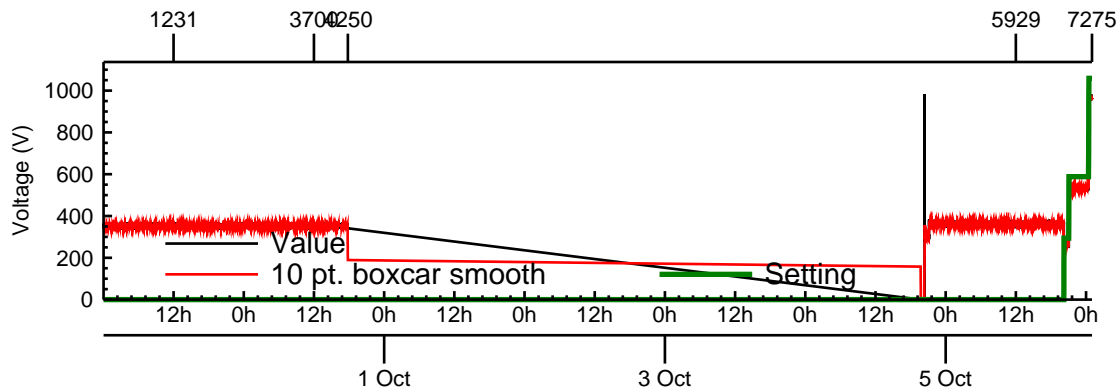
### HVPS2 (-Y)



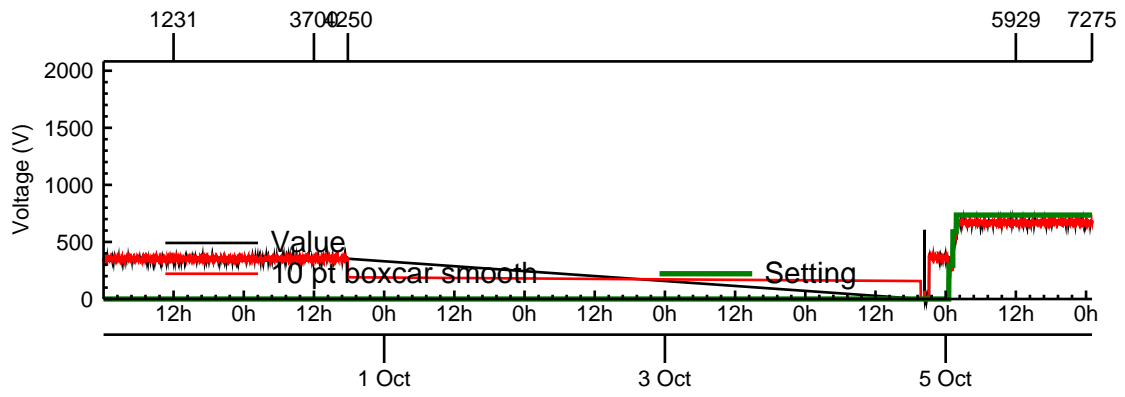
### HVPS3 (+Y)



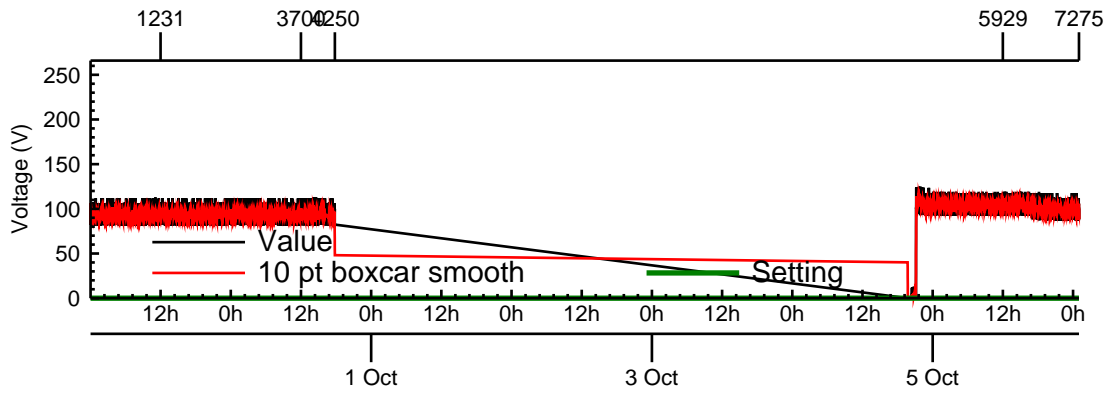
### HVPS4 (-Z)



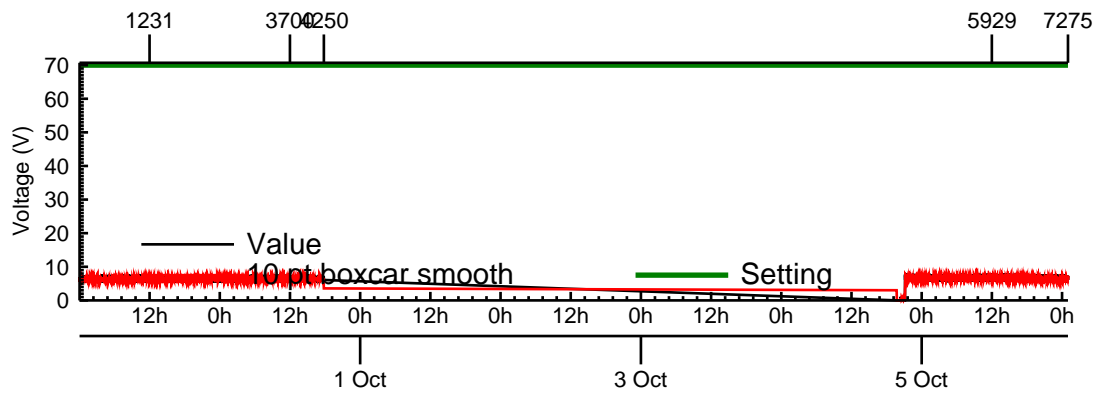
### HVPS5 (BGO)



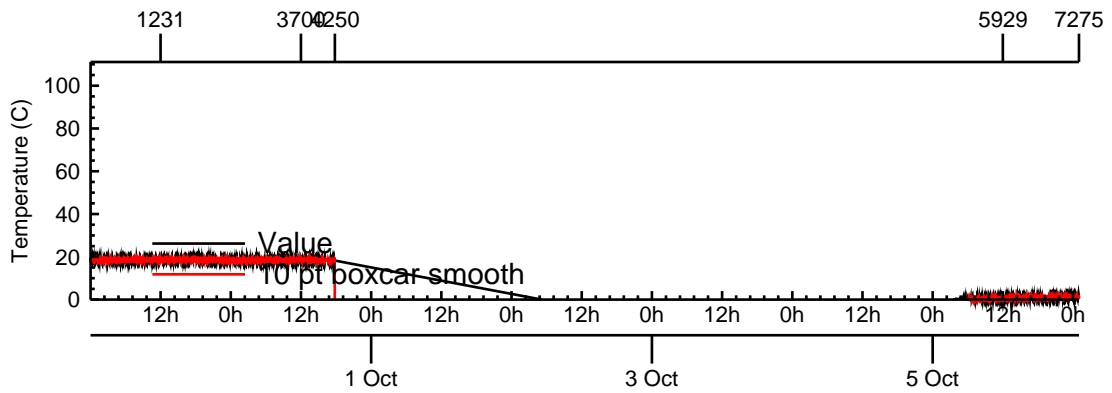
### HVPS6 (CZT)



### HVPS70 (CZT grid bias)

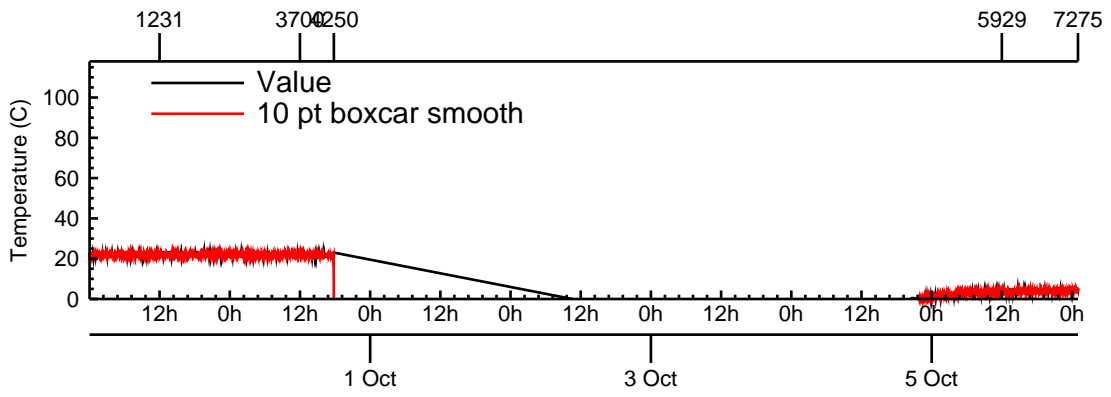


### TCZT<1,2,3>

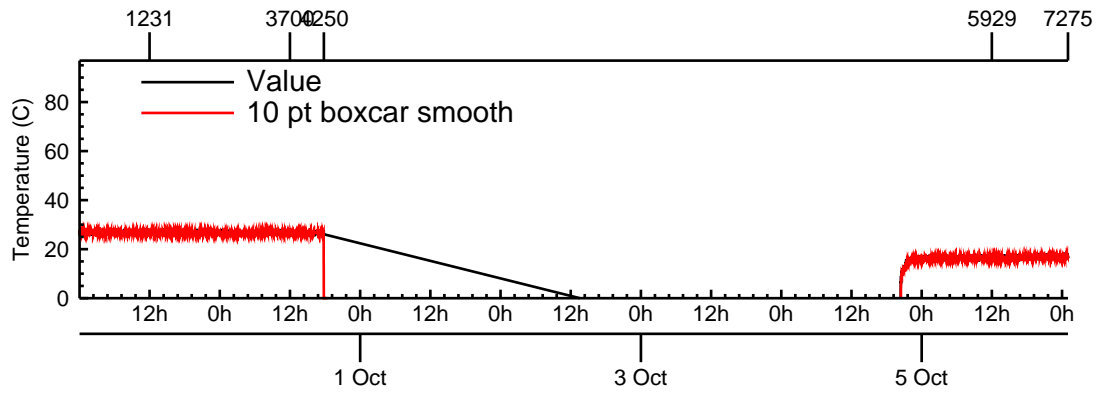




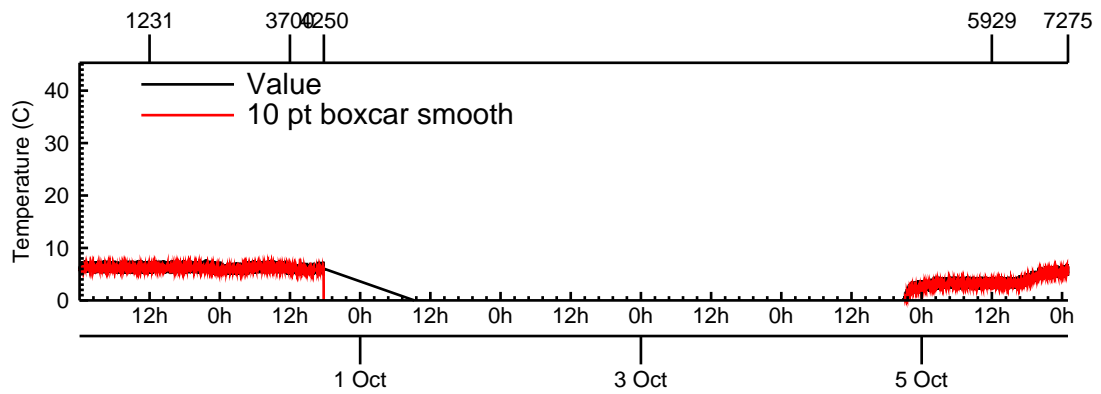
### TCZT4



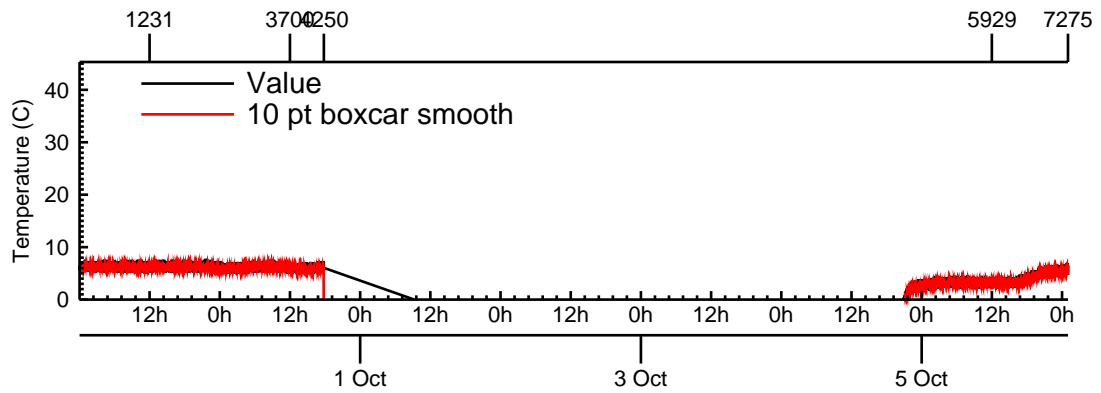
### TLVPS



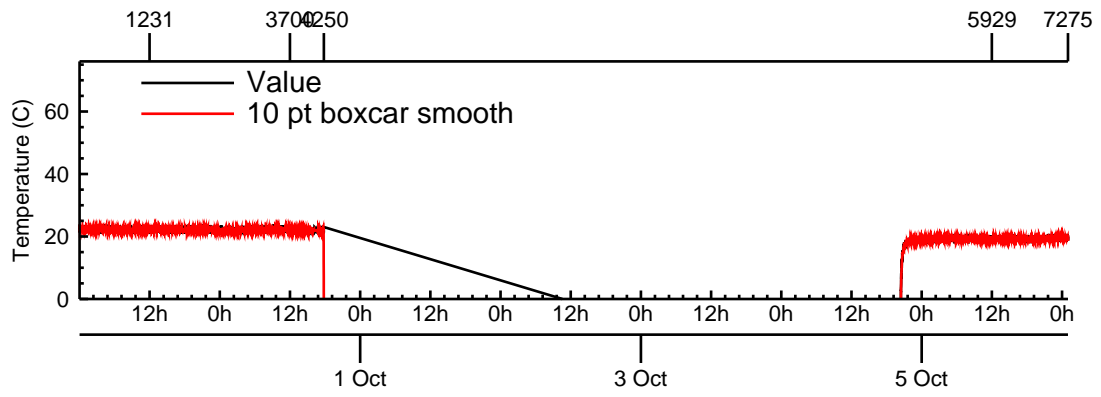
### THVPS



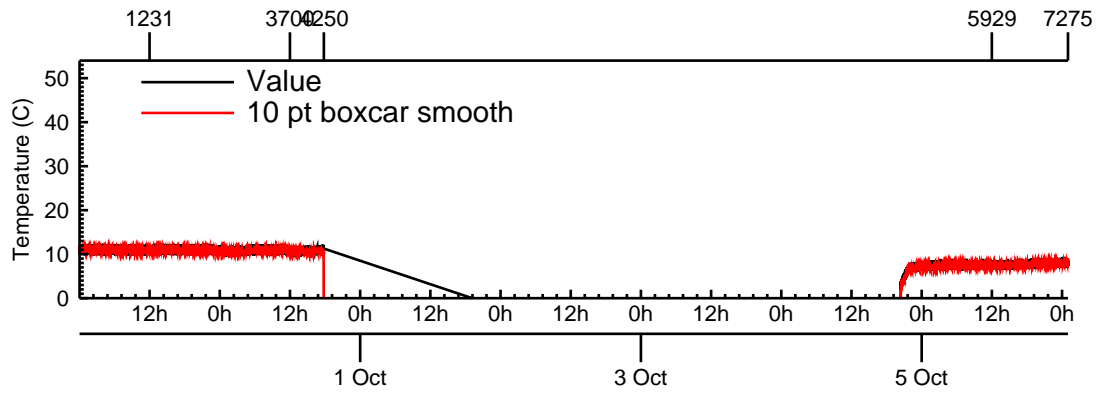
### TBGO



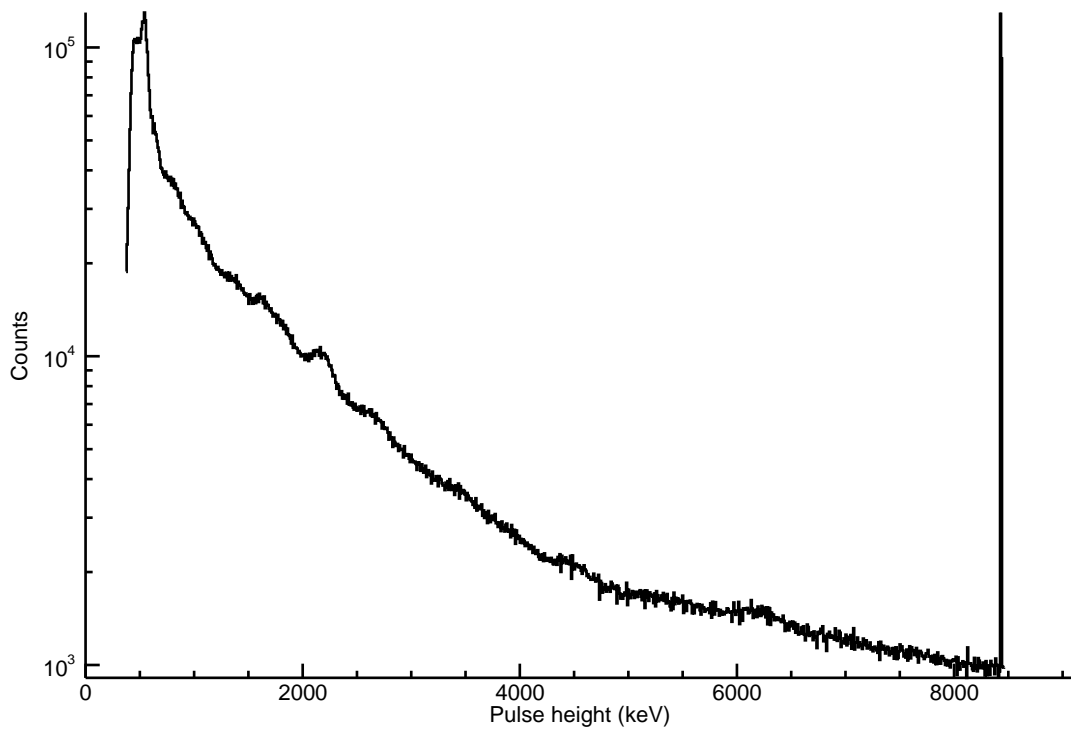
### TPMT



### TINTERFACE



### BGO Pulse Height Spectrum

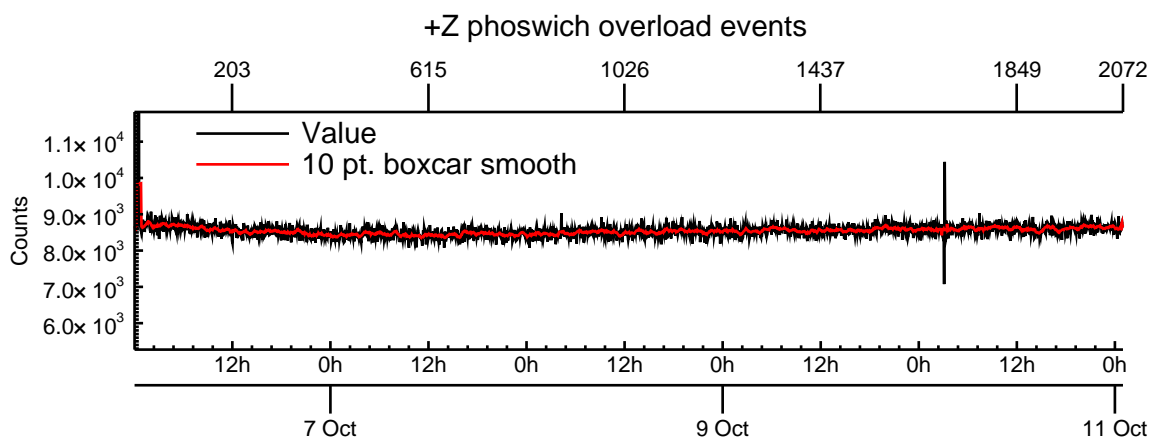
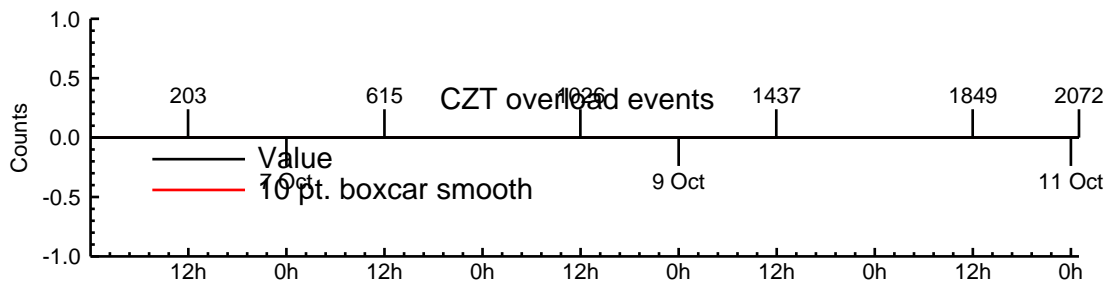
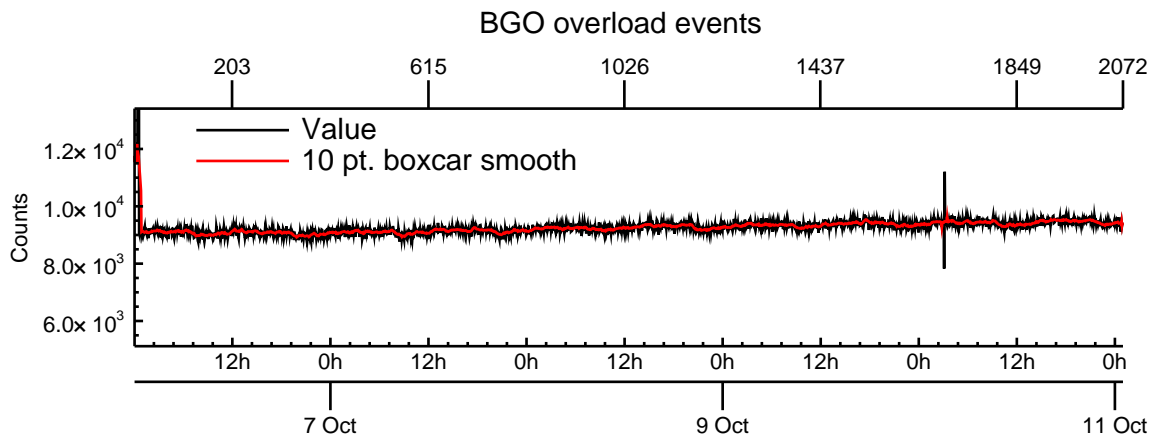
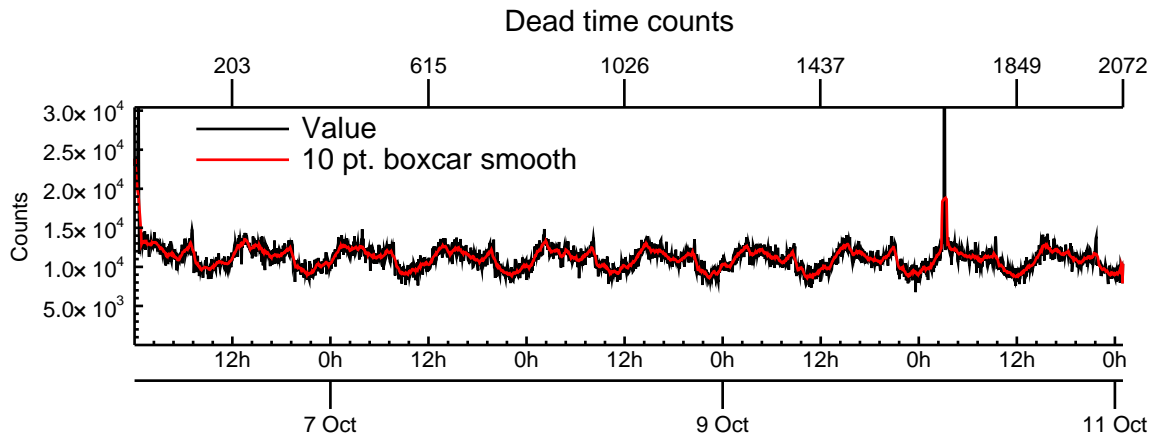


# NASA Dawn Mission GRaND@Vesta Browse Charts

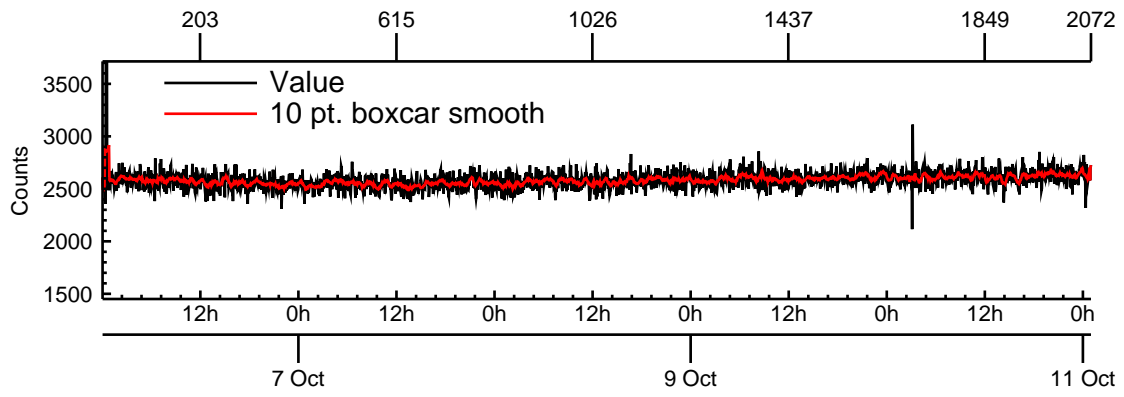
GRD-L1A-111006-111011\_130628

- Number of science records: 2073  
0 missing science packets with 0 gaps.  
Start/End: 2011-10-06T00:02:41 to 2011-10-11T00:59:59
- Number of SOH records: 12418  
29 missing SOH packets with 9 gaps.  
Start/End: 2011-10-06T00:00:36 to 2011-10-11T00:59:36
- Comments: Browse charts.
  - Provides an overview of data contained within this directory.
  - Refer to the .STA file for detailed state information.
  - The energy scale for calibrated spectra may not be accurate.
- Number of states = 10
- Instrument settings for first state (STATE\_INDEX 0):

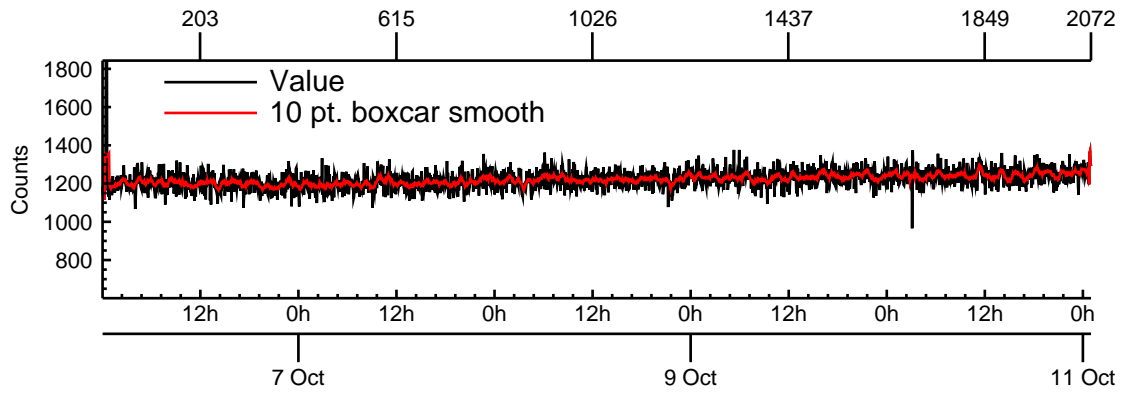
TELREADOUT	210	NEMG_TOT_EVTS	3876
TELSOH	35	NEMG_CZT_EVTS	3376
MODE	1	NEMN_TOT_EVTS	2800
HVPS1	1	L_BGO_CW	1
HVPS1_SET	180	H_BGO_CW	64
HVPS2	1	L_BGO_ROI	1
HVPS2_SET	170	H_BGO_ROI	64
HVPS3	1	L_BLP_MY_CW	1
HVPS3_SET	175	H_BLP_MY_CW	64
HVPS4	1	L_BLP_MY_ROI	1
HVPS4_SET	100	H_BLP_MY_ROI	64
HVPS5	1	L_BLP_PY_CW	1
HVPS5_SET	125	H_BLP_PY_CW	64
HVPS6	0	L_BLP_PY_ROI	1
HVPS6_SET	0	H_BLP_PY_ROI	64
PM5_LVPS	1	L_BLP_MZ_CW	1
P12_LVPS	1	H_BLP_MZ_CW	64
HEATERS_ENABLE	0	L_BLP_MZ_ROI	1
CZT_PM5_LVPS	0	H_BLP_MZ_ROI	64
CZT_ENABLES		L_BLP_PZ_CW	1
	0010001000000010	H_BLP_PZ_CW	64
		L_BLP_PZ_ROI	1
		H_BLP_PZ_ROI	64



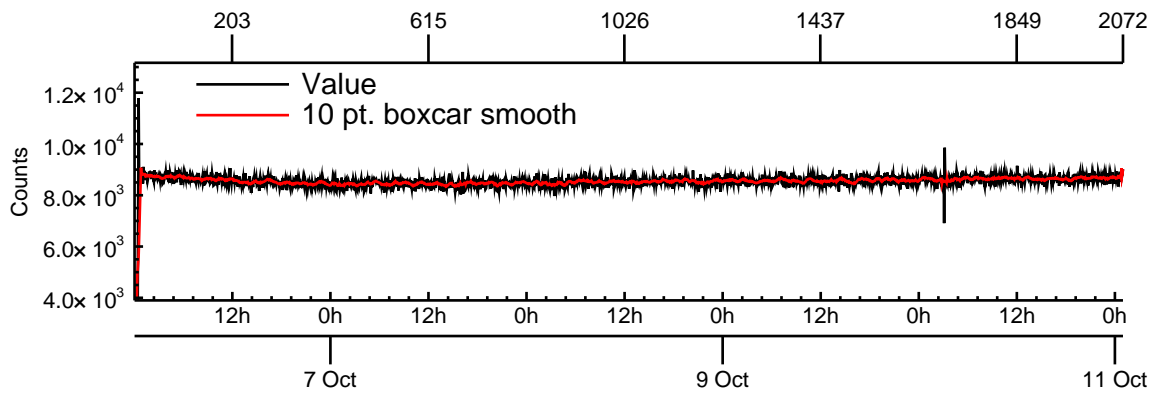
-Y BLP overload events



+Y BLP overload events



-Z phoswich overload events



+Z phoswich CAT4 events

