

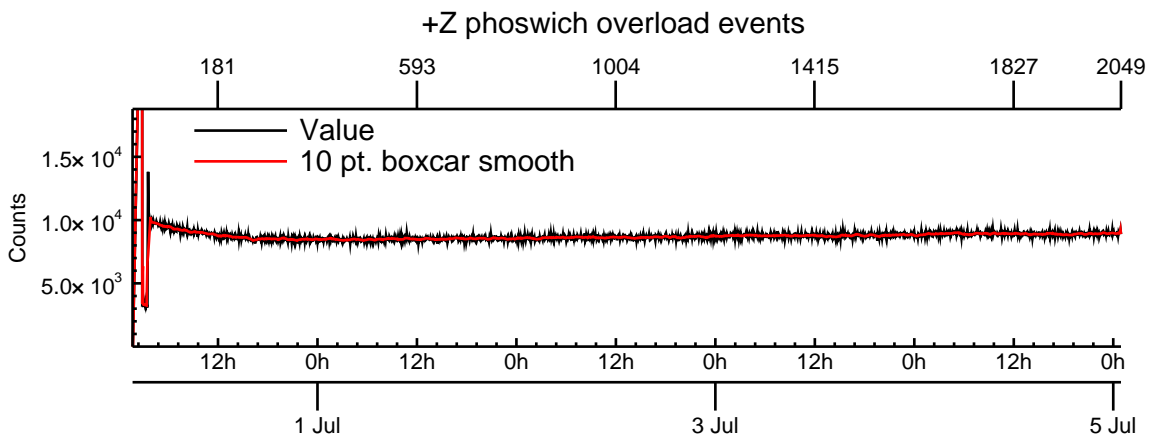
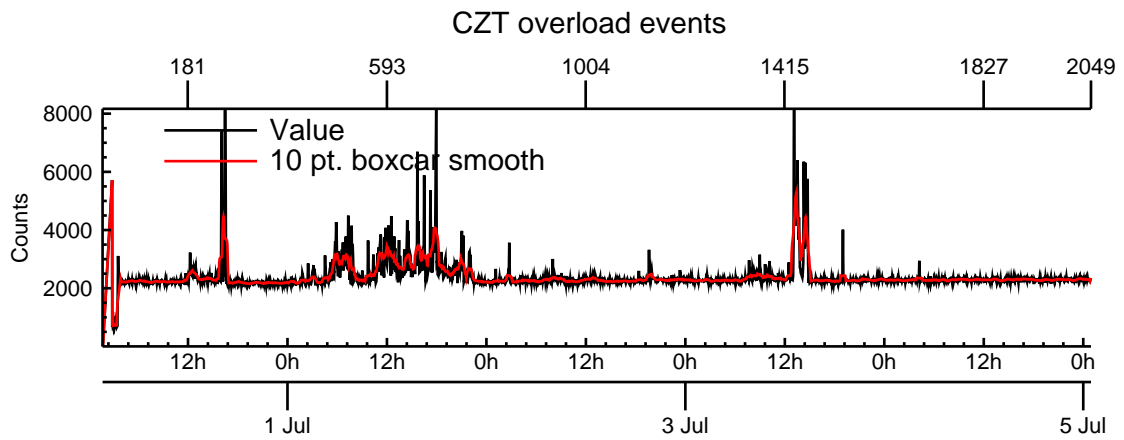
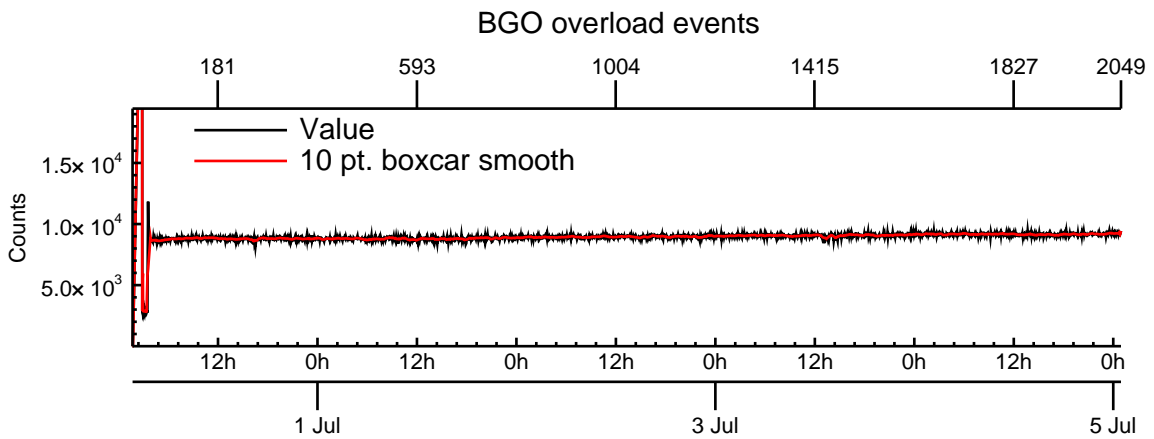
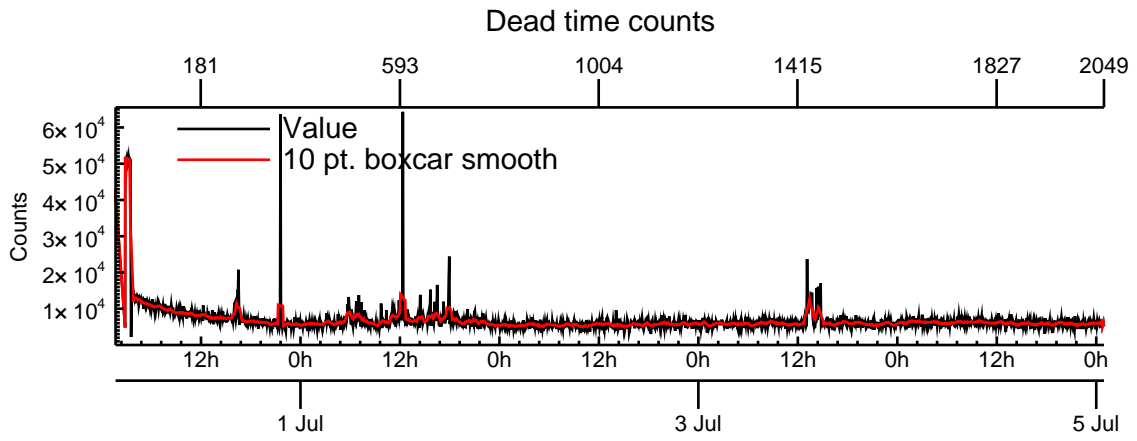
# NASA Dawn Mission

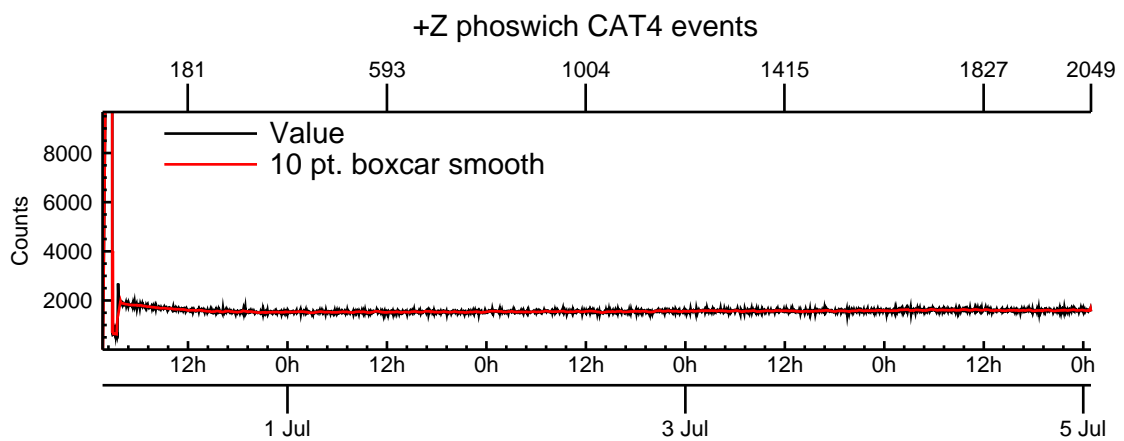
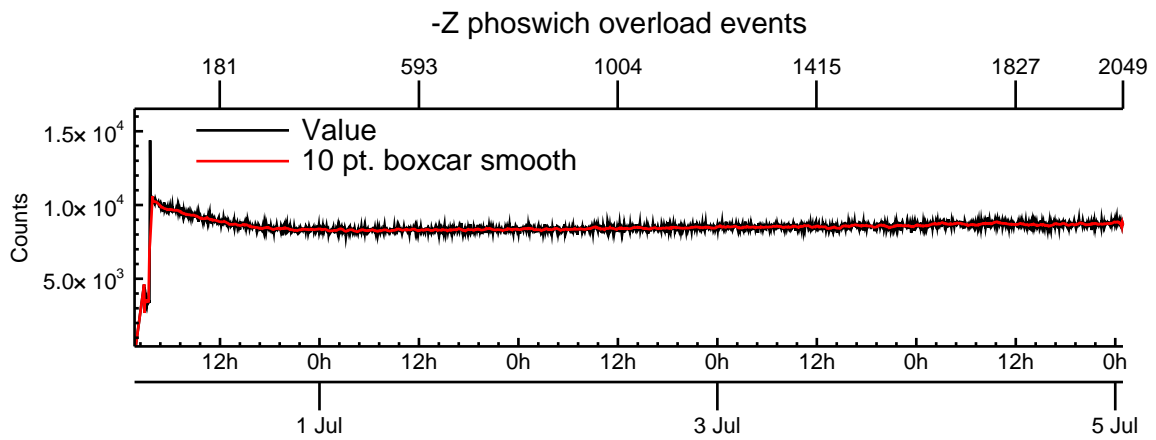
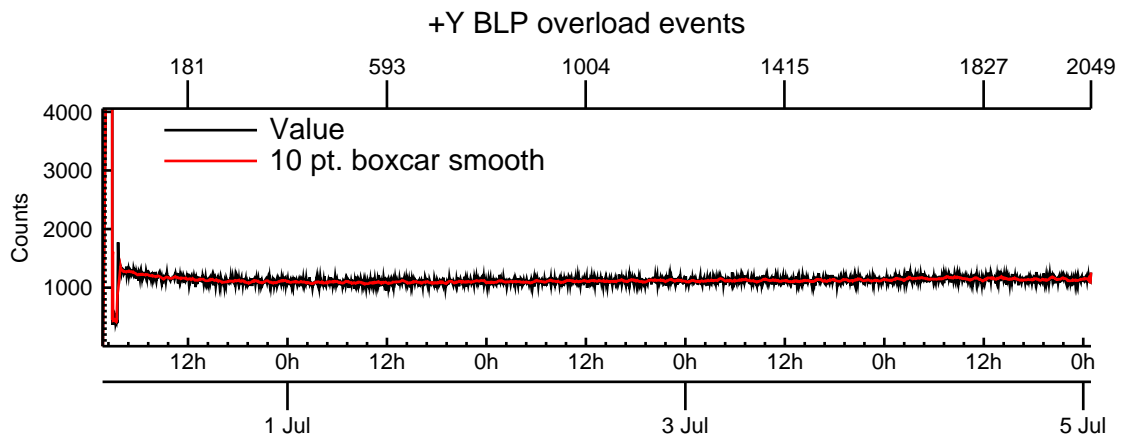
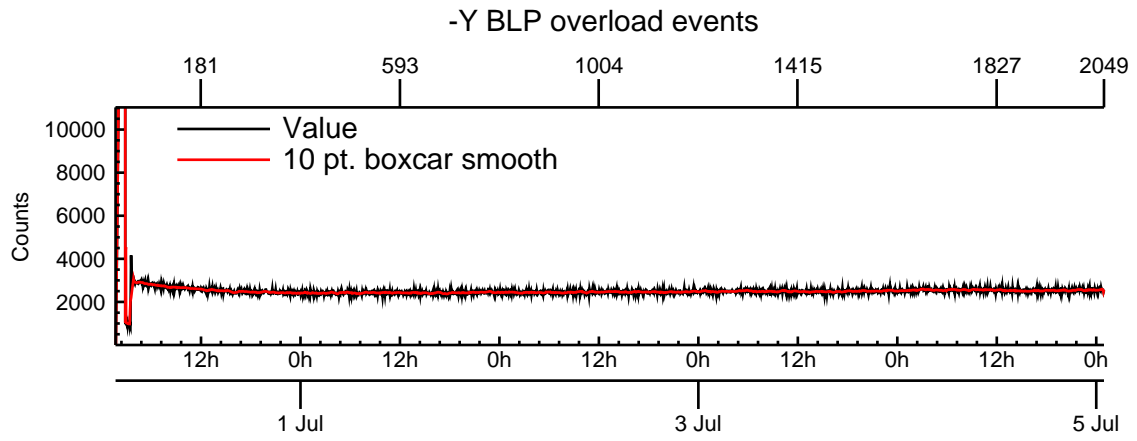
## GRaND@Vesta Browse Charts

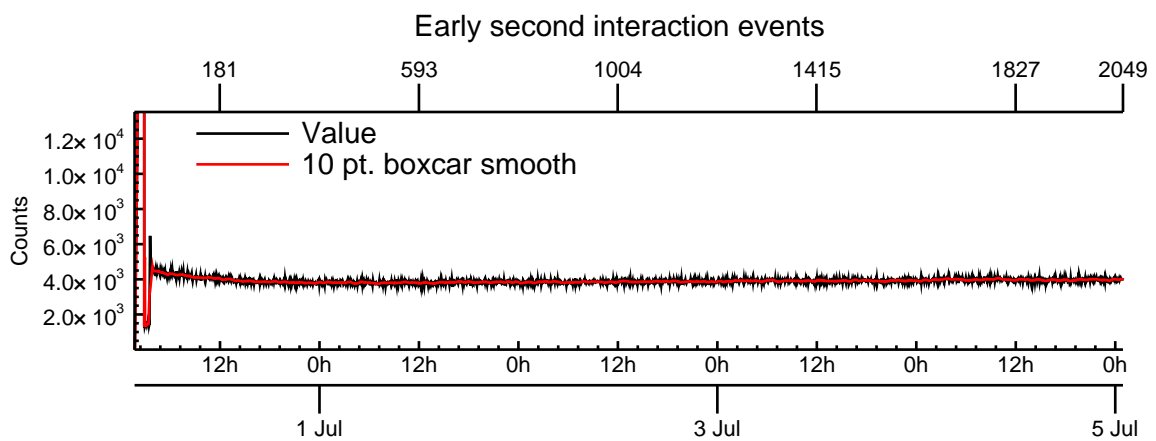
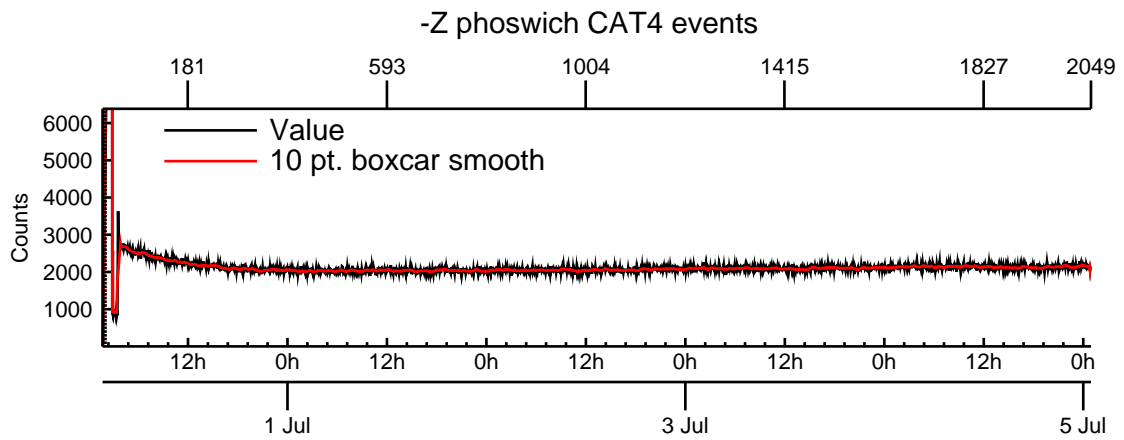
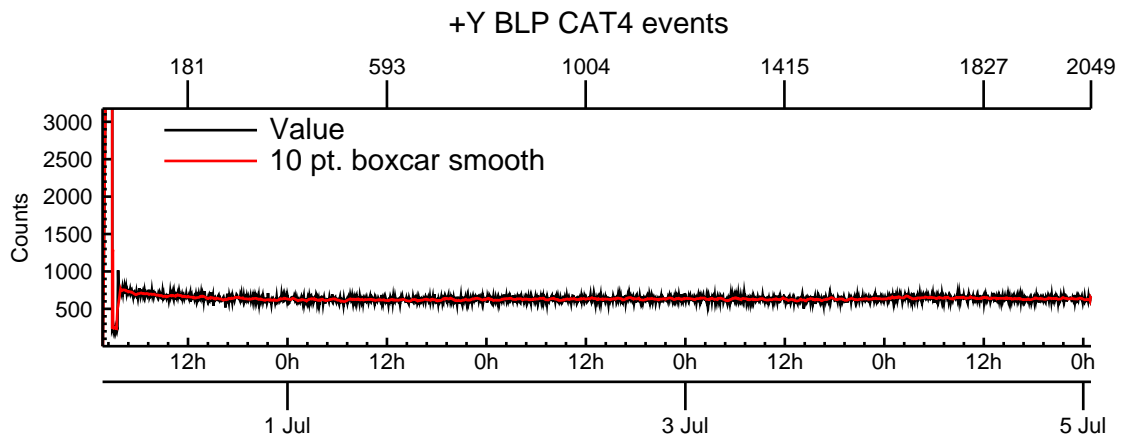
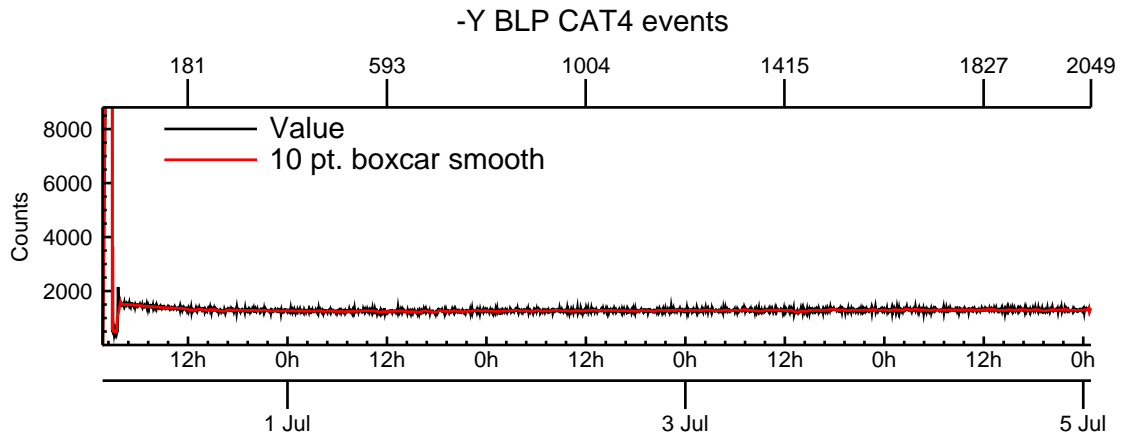
### GRD-L1A-110630-110705\_130628

- Number of science records: 2050  
0 missing science packets with 0 gaps.  
Start/End: 2011-06-30T01:42:10 to 2011-07-05T00:56:35
- Number of SOH records: 10074  
0 missing SOH packets with 0 gaps.  
Start/End: 2011-06-30T01:32:02 to 2011-07-04T03:27:02
- 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 = 106
- Instrument settings for first state (STATE\_INDEX 0):

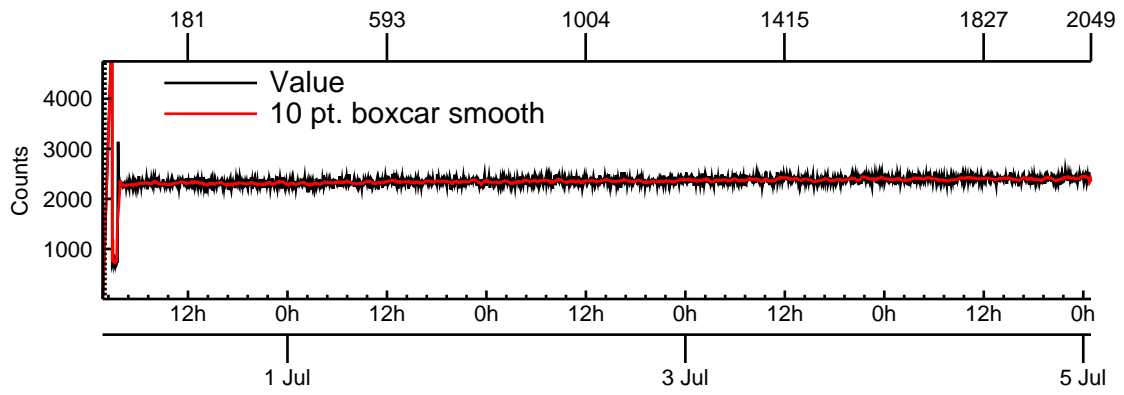
TELREADOUT	60	NEMG_TOT_EVTS	3876
TELSOH	60	NEMG_CZT_EVTS	2000
MODE	0	NEMN_TOT_EVTS	2800
HVPS1	0	L_BGO_CW	24
HVPS1_SET	0	H_BGO_CW	42
HVPS2	0	L_BGO_ROI	1
HVPS2_SET	0	H_BGO_ROI	64
HVPS3	0	L_BLP_MY_CW	15
HVPS3_SET	0	H_BLP_MY_CW	38
HVPS4	0	L_BLP_MY_ROI	1
HVPS4_SET	0	H_BLP_MY_ROI	64
HVPS5	0	L_BLP_PY_CW	12
HVPS5_SET	0	H_BLP_PY_CW	37
HVPS6	0	L_BLP_PY_ROI	1
HVPS6_SET	0	H_BLP_PY_ROI	64
PM5_LVPS	0	L_BLP_MZ_CW	14
P12_LVPS	0	H_BLP_MZ_CW	35
HEATERS_ENABLE	0	L_BLP_MZ_ROI	1
CZT_PM5_LVPS	0	H_BLP_MZ_ROI	64
CZT_ENABLES		L_BLP_PZ_CW	14
	0000000000000000	H_BLP_PZ_CW	35
		L_BLP_PZ_ROI	1
		H_BLP_PZ_ROI	64



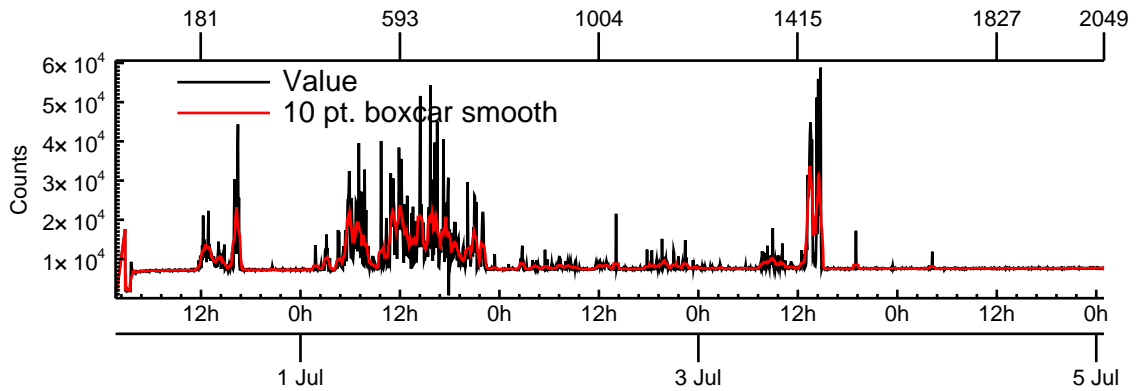




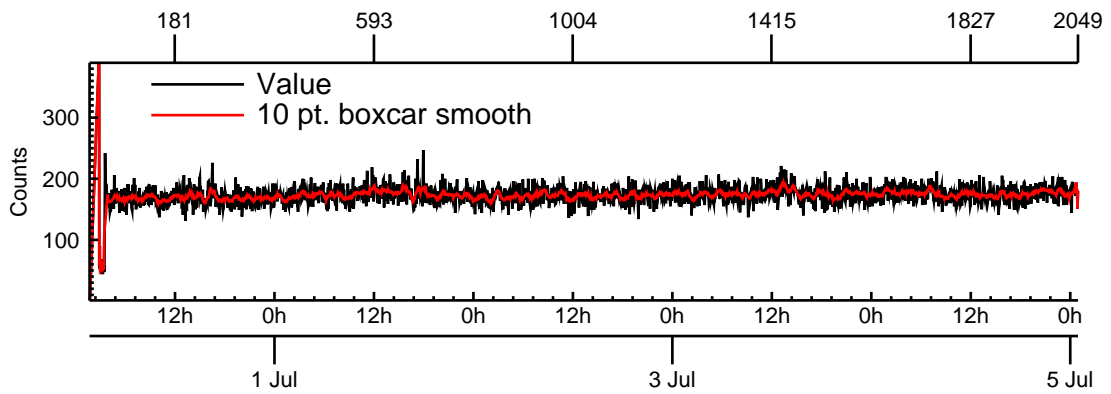
### Multiple-crystal CZT events



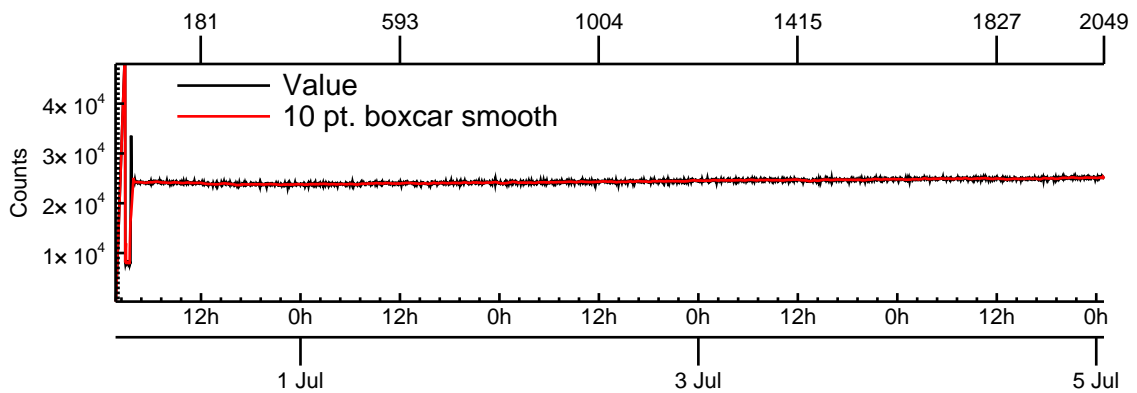
### Valid CZT events (CAT10)

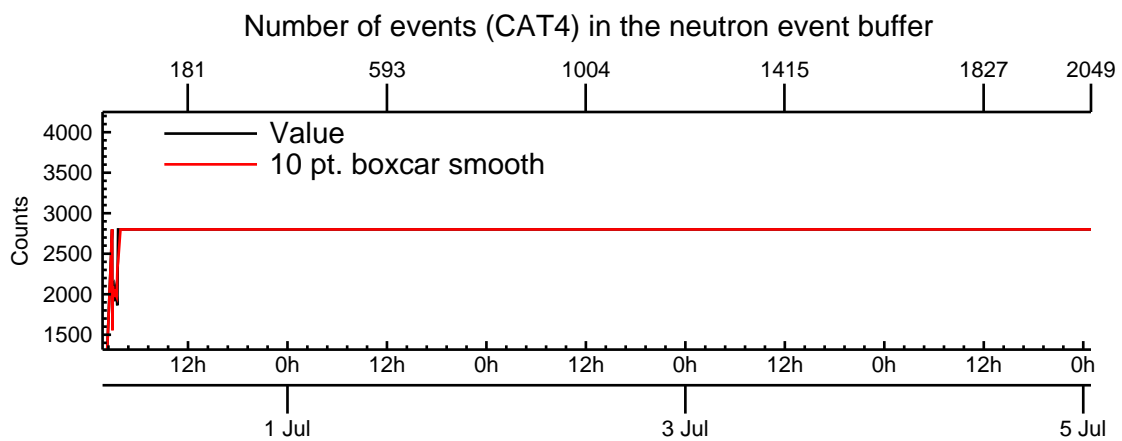
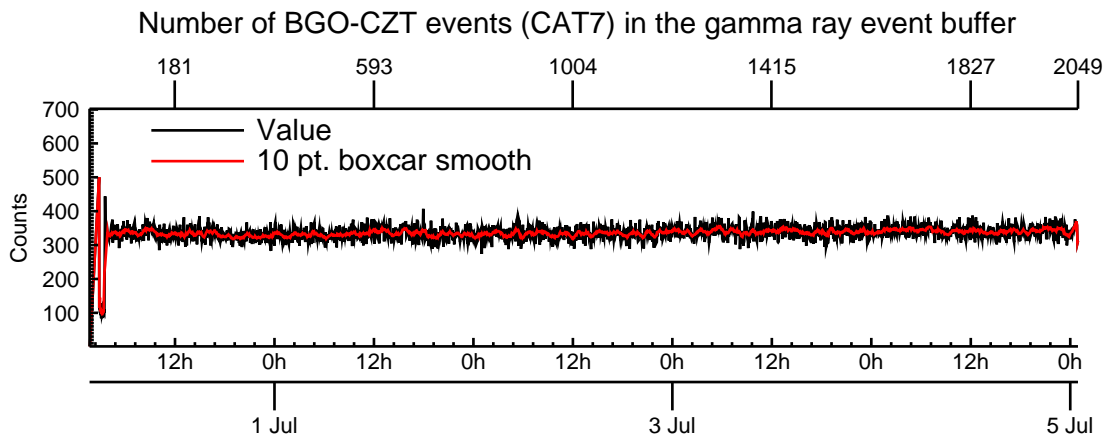
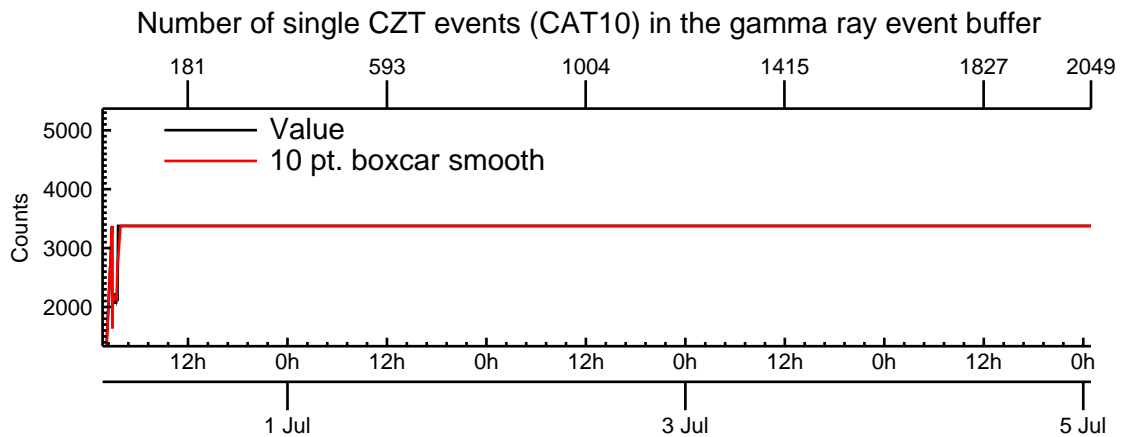
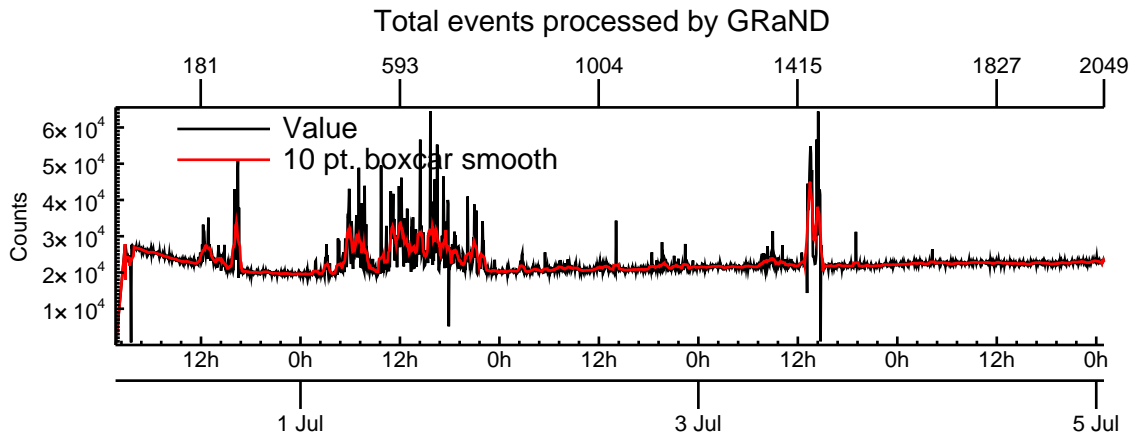


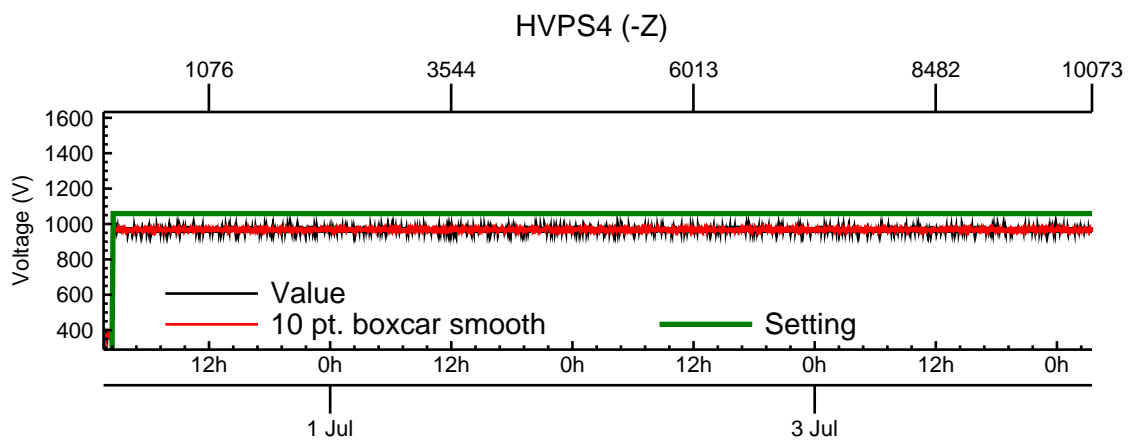
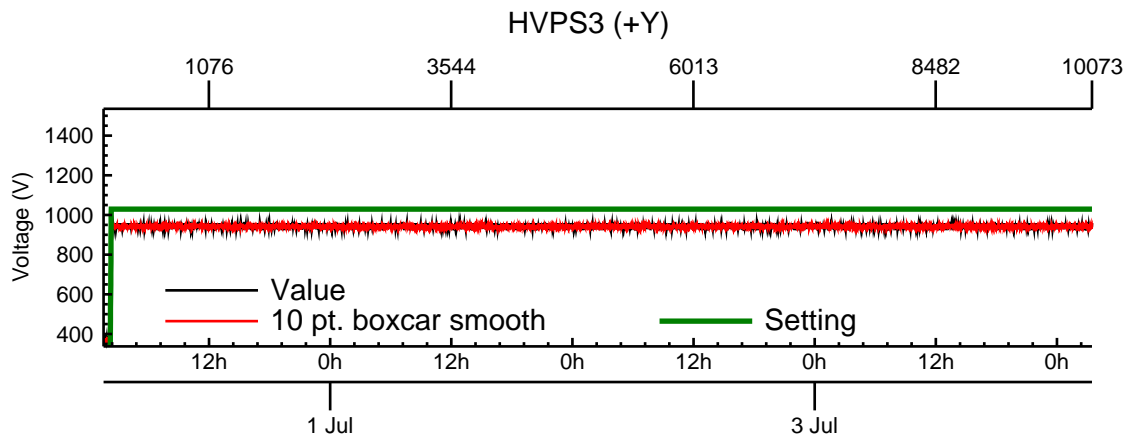
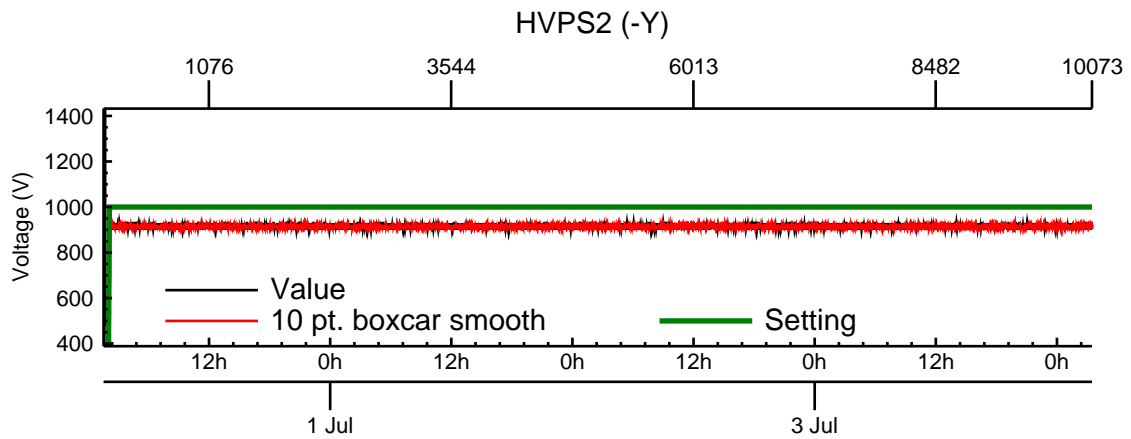
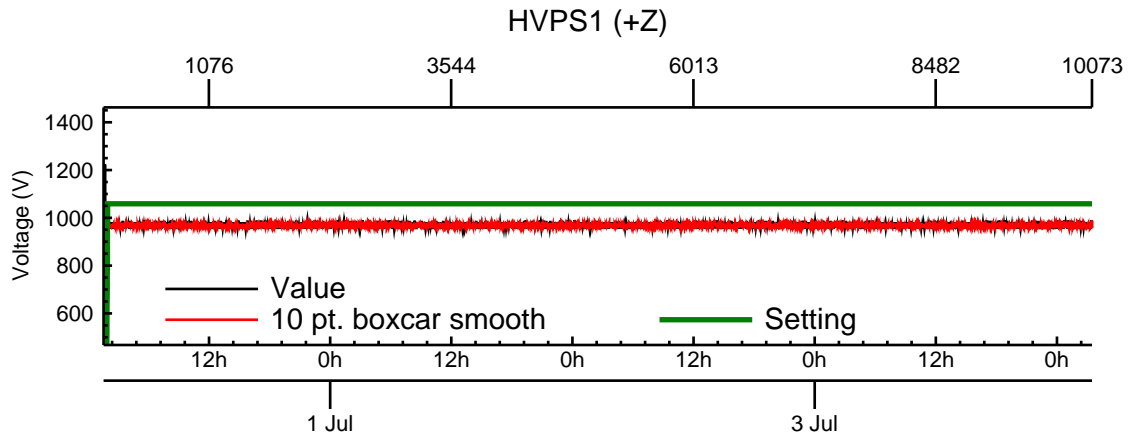
### Coincidence BGO and CZT events (CAT7)

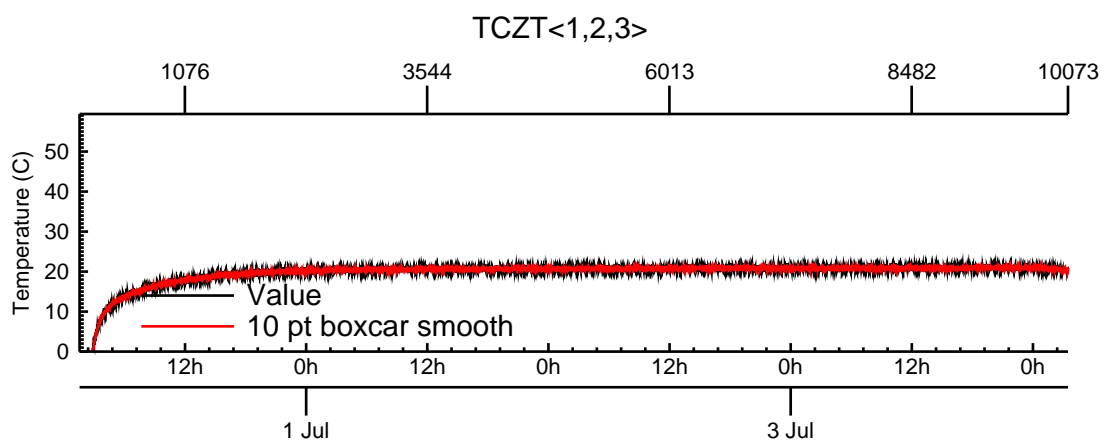
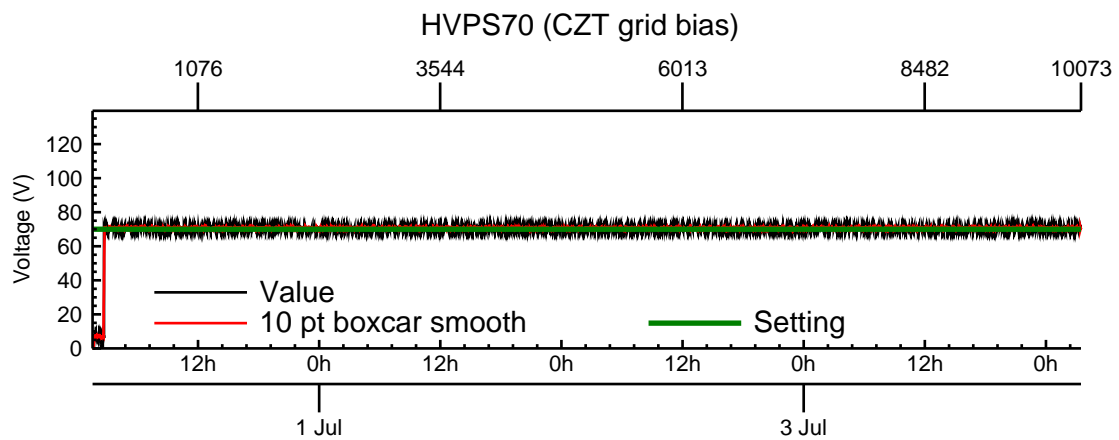
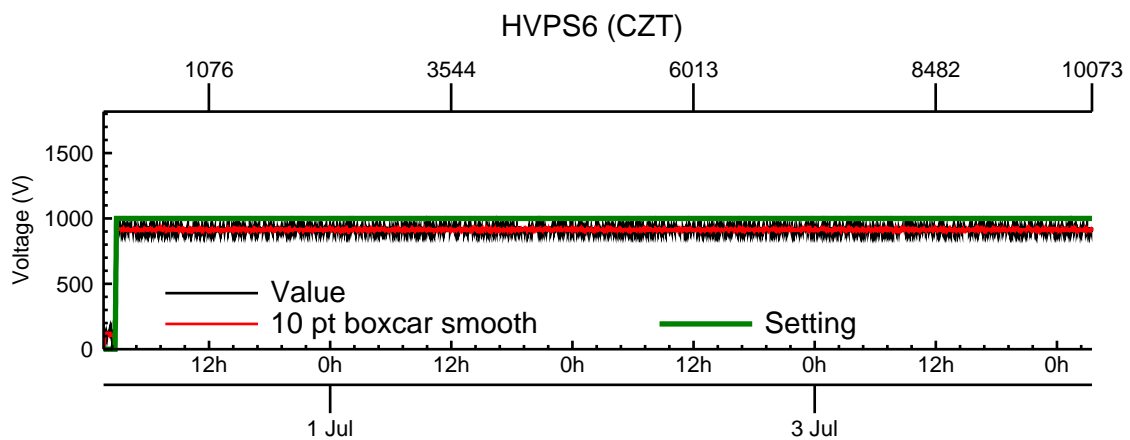
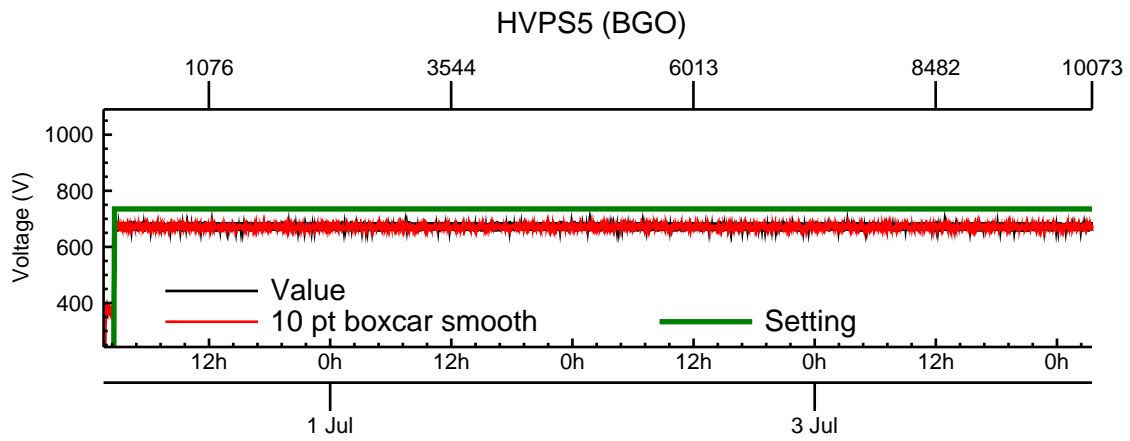


### Coincidence of three or more sensor elements

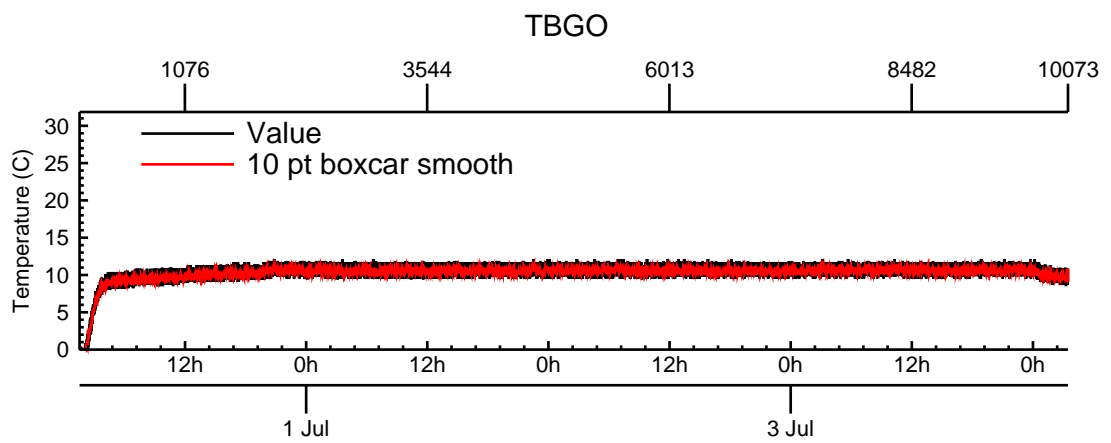
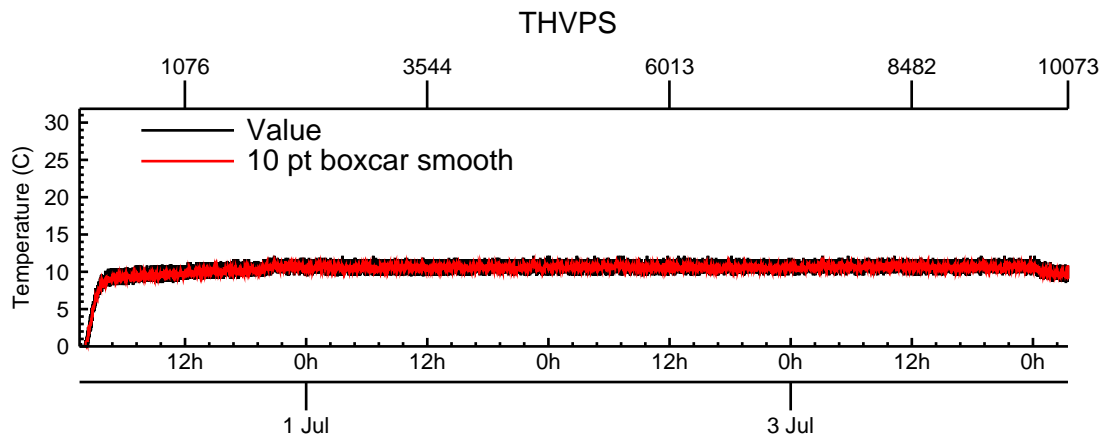
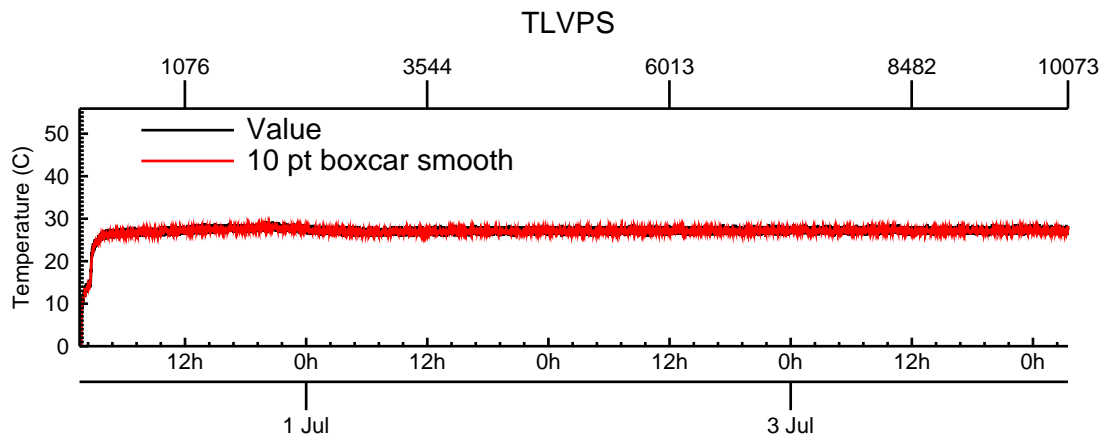
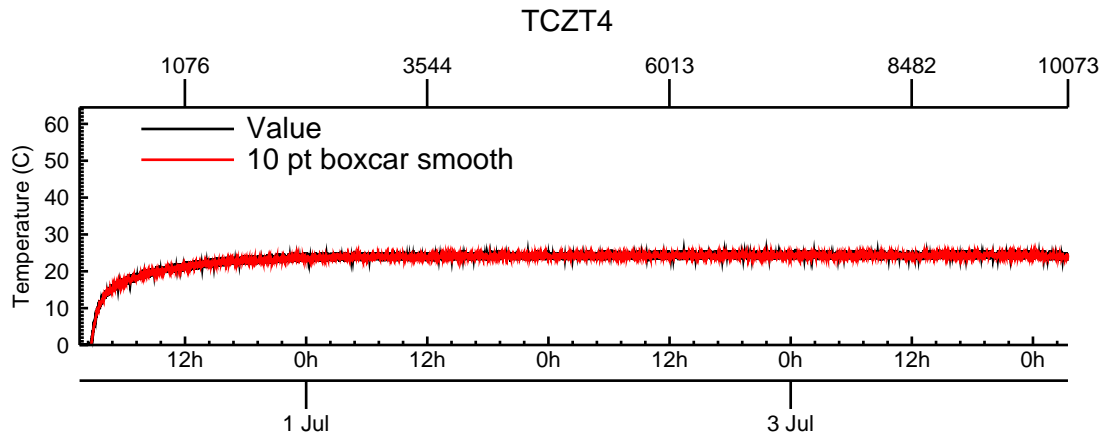


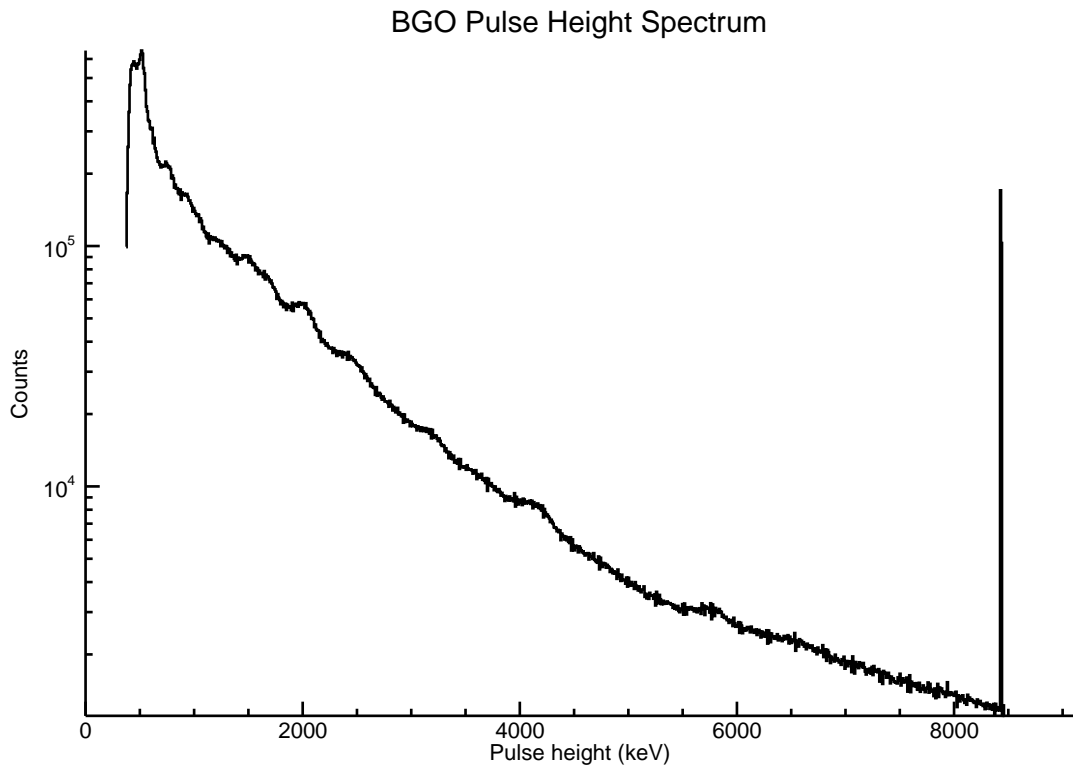
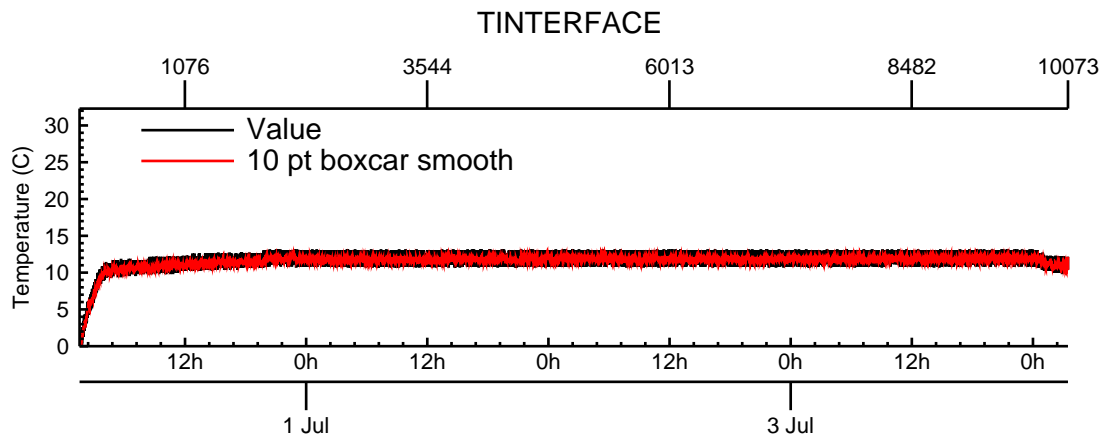
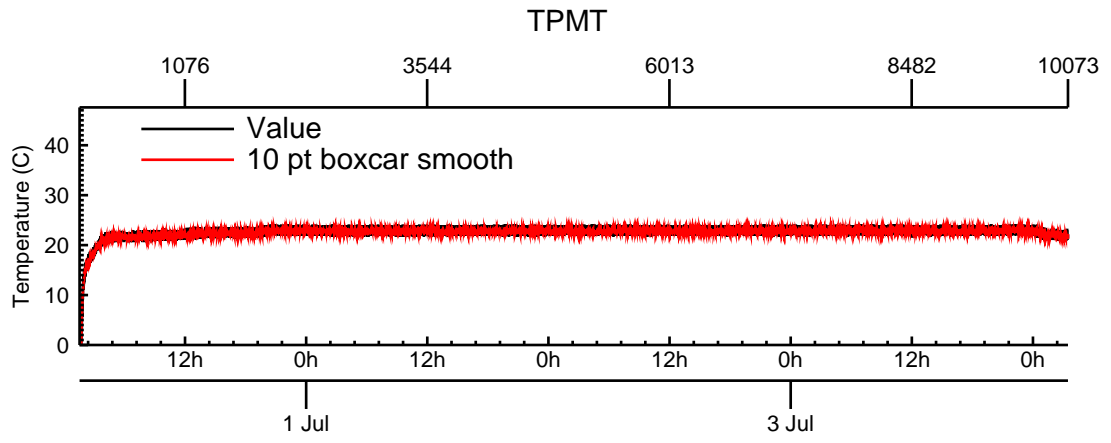




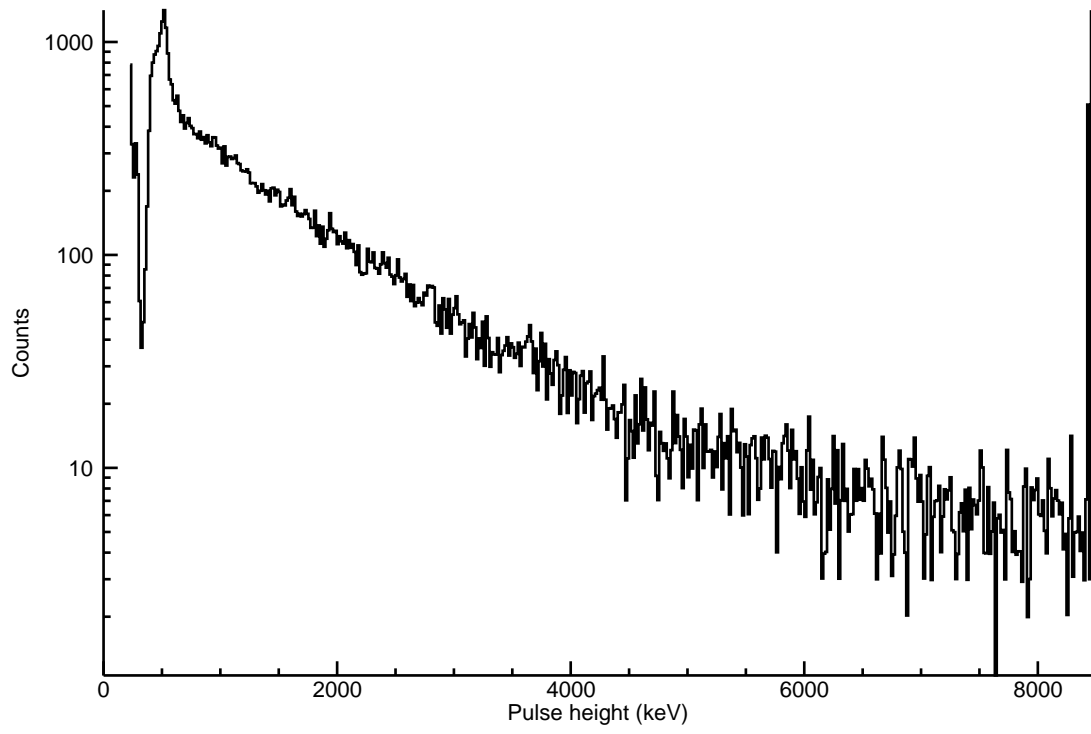




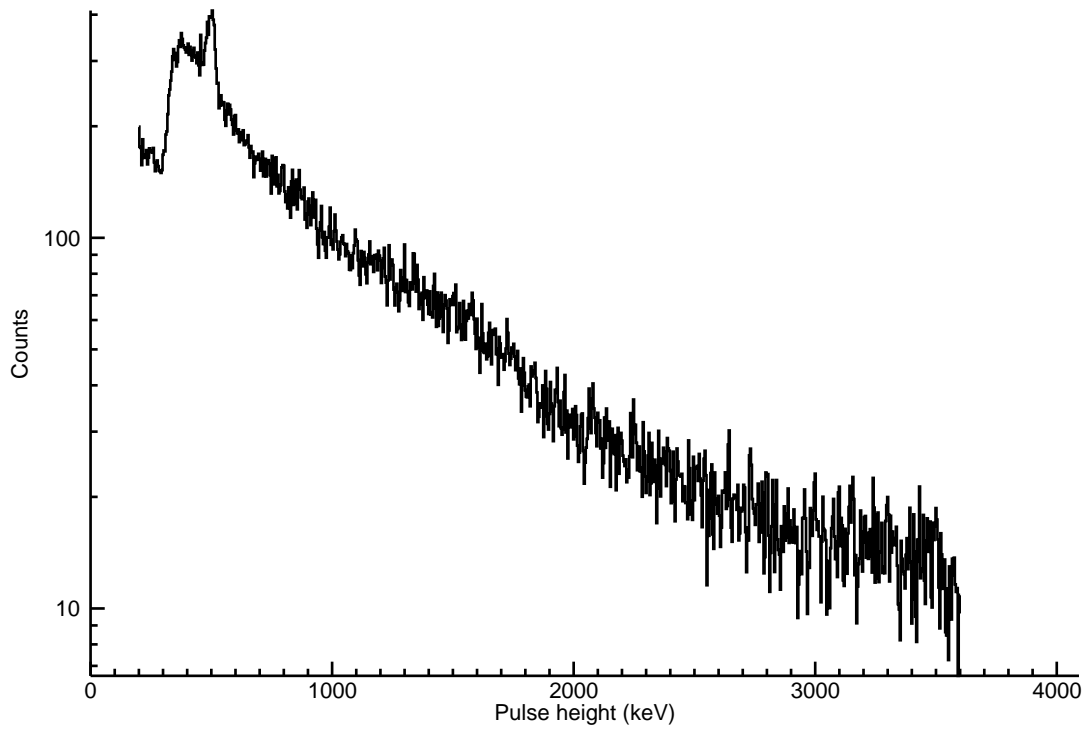




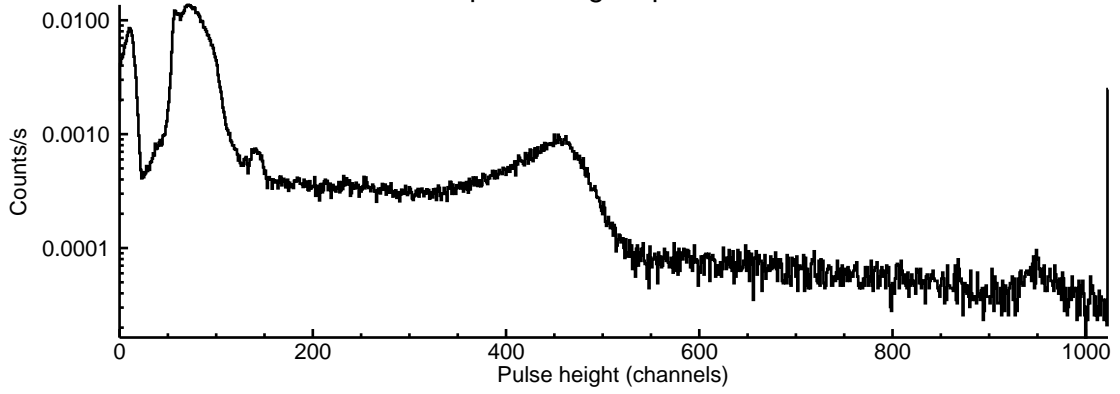
BGO-CZT pair spectrum: BGO



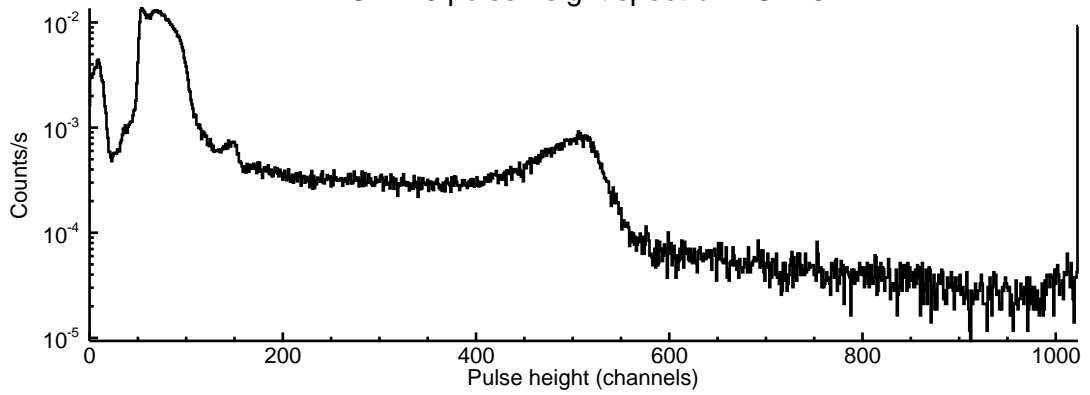
BGO-CZT pair spectrum: CZT



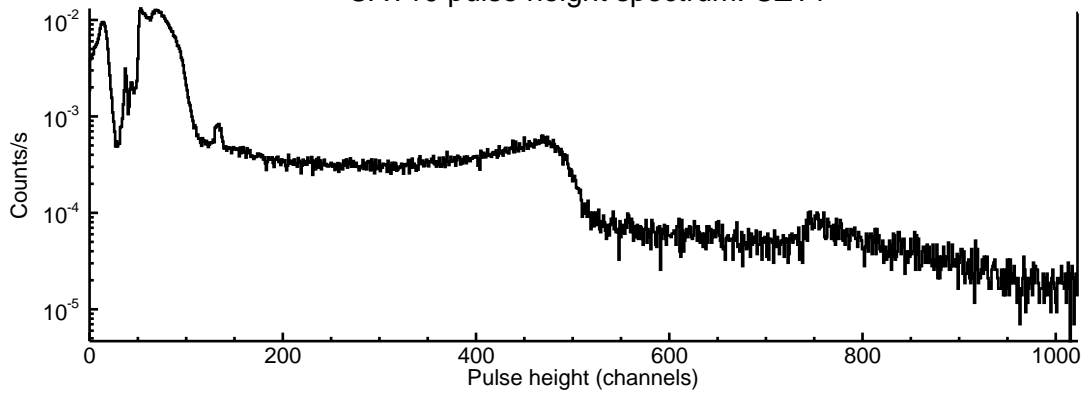
CAT10 pulse height spectrum: CZT11



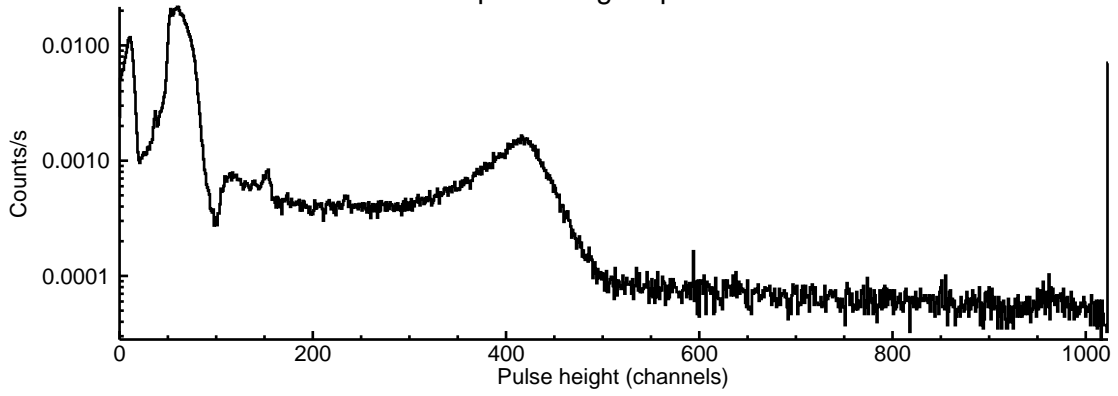
CAT10 pulse height spectrum: CZT3



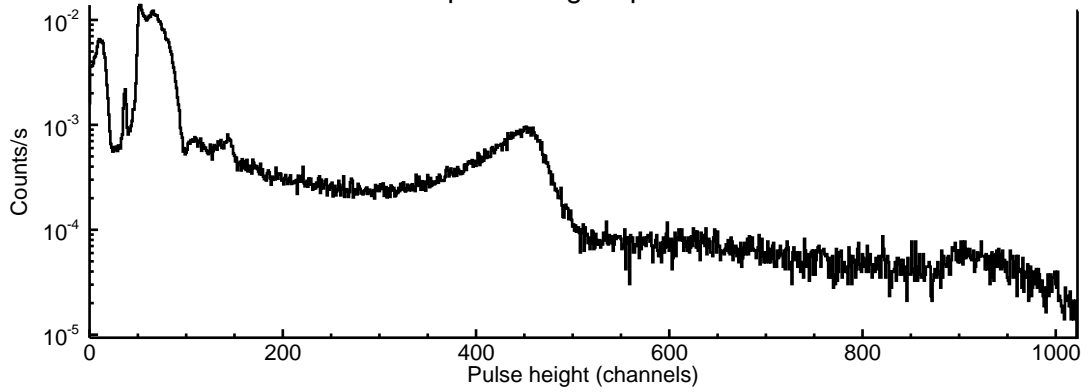
CAT10 pulse height spectrum: CZT1



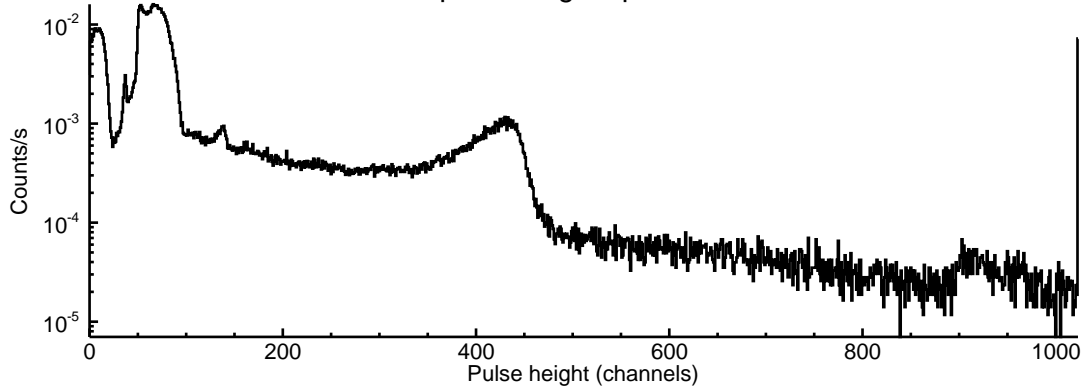
CAT10 pulse height spectrum: CZT2



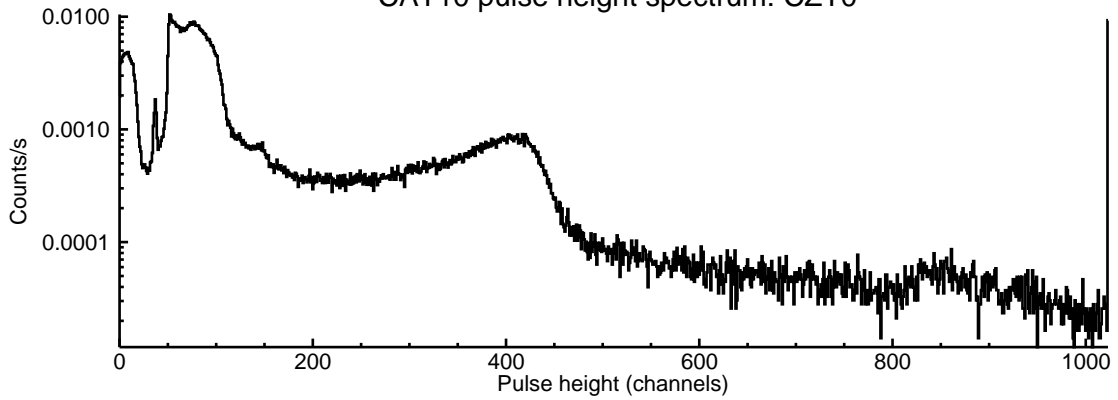
CAT10 pulse height spectrum: CZT8



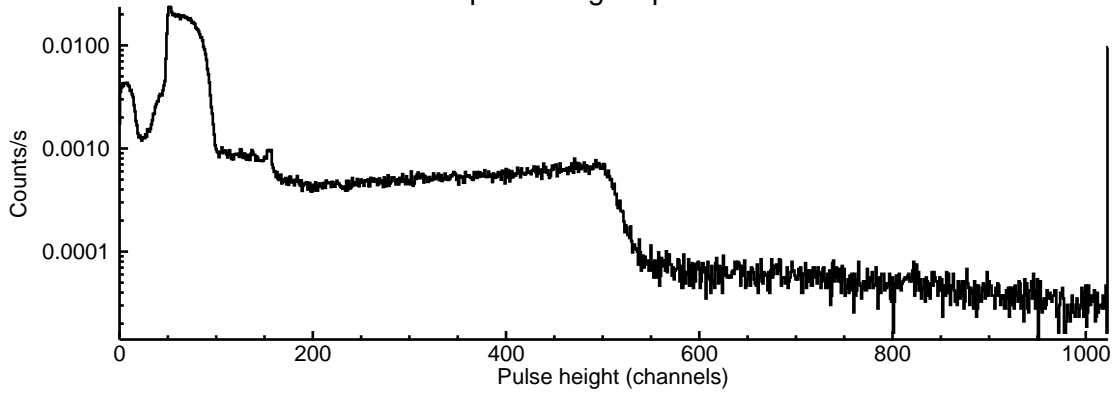
CAT10 pulse height spectrum: CZT10



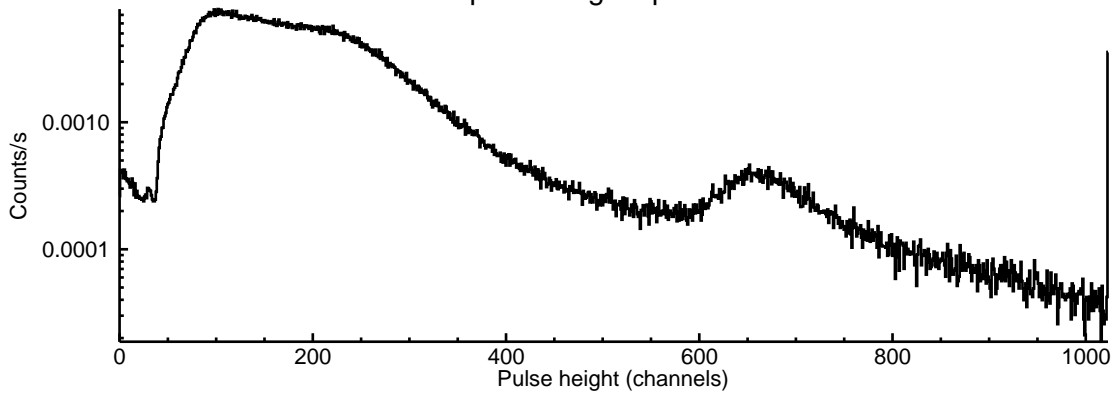
CAT10 pulse height spectrum: CZT0



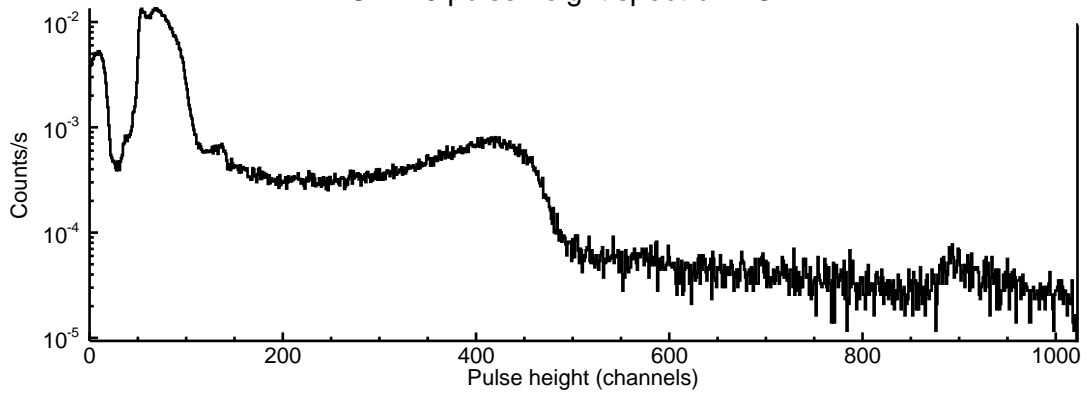
CAT10 pulse height spectrum: CZT15



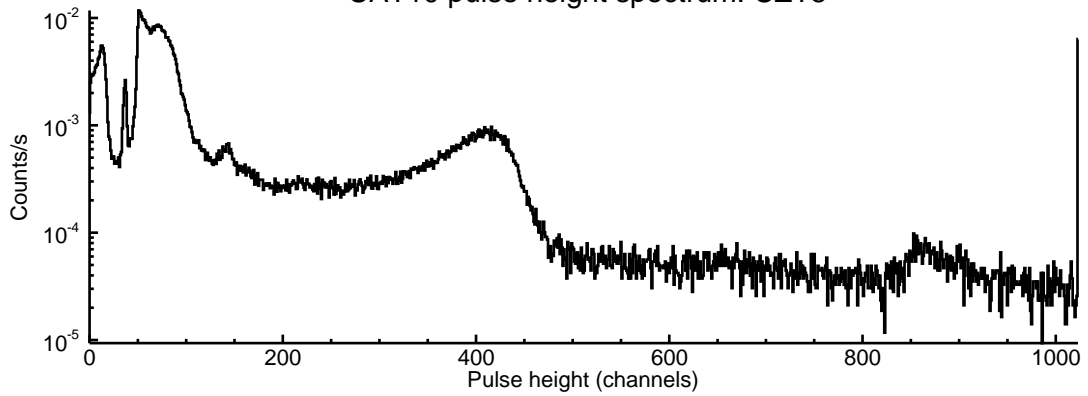
CAT10 pulse height spectrum: CZT13

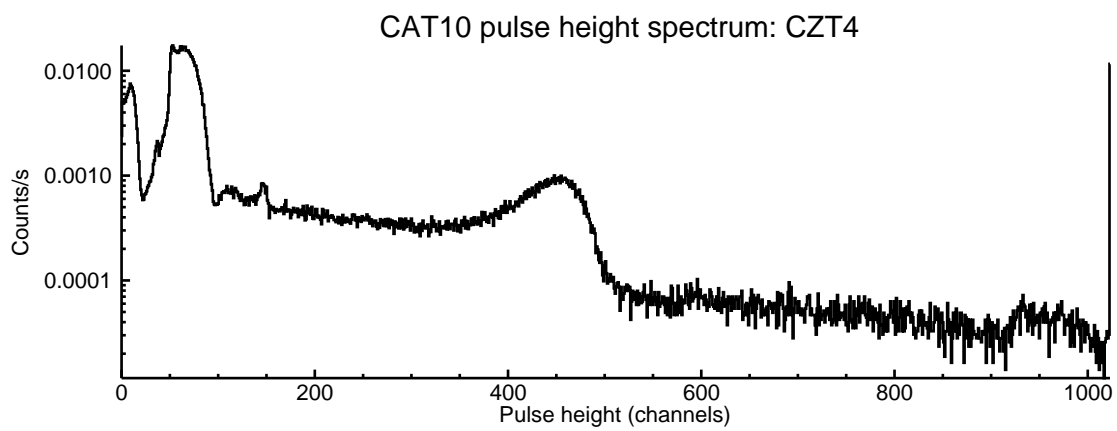
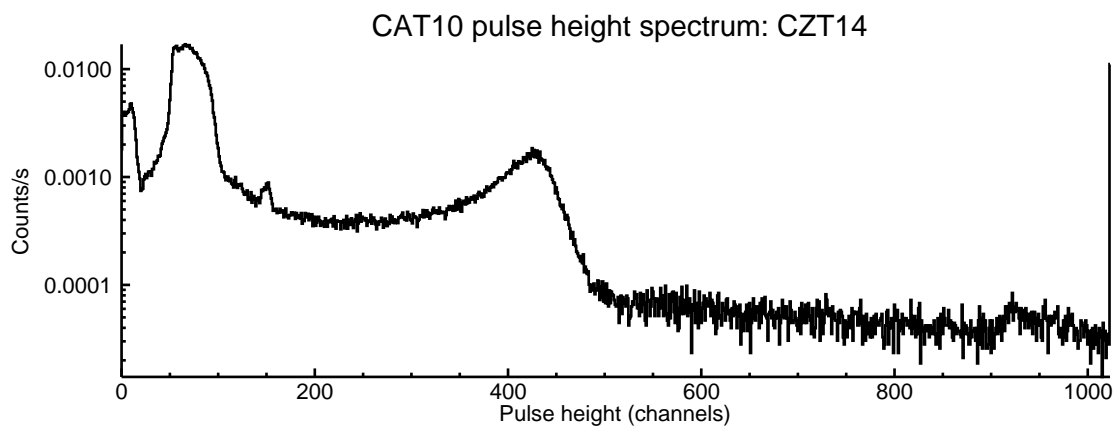
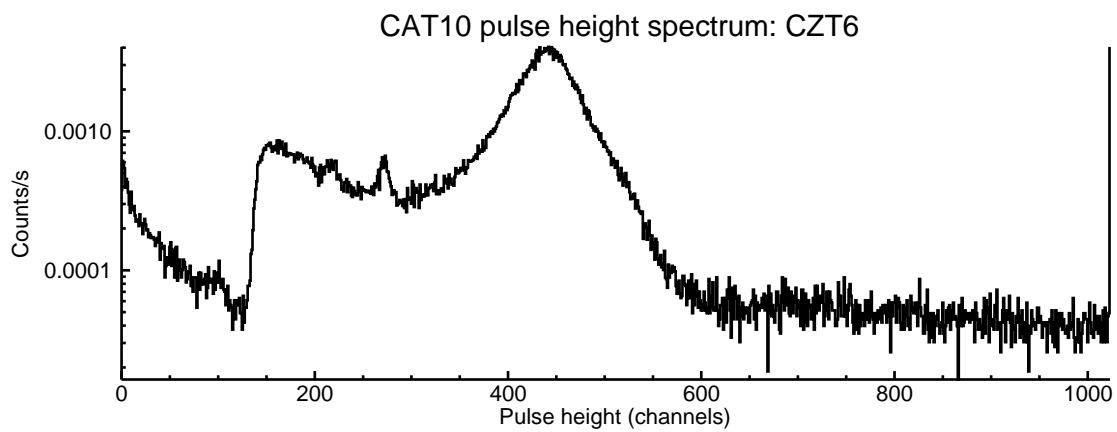


CAT10 pulse height spectrum: CZT7

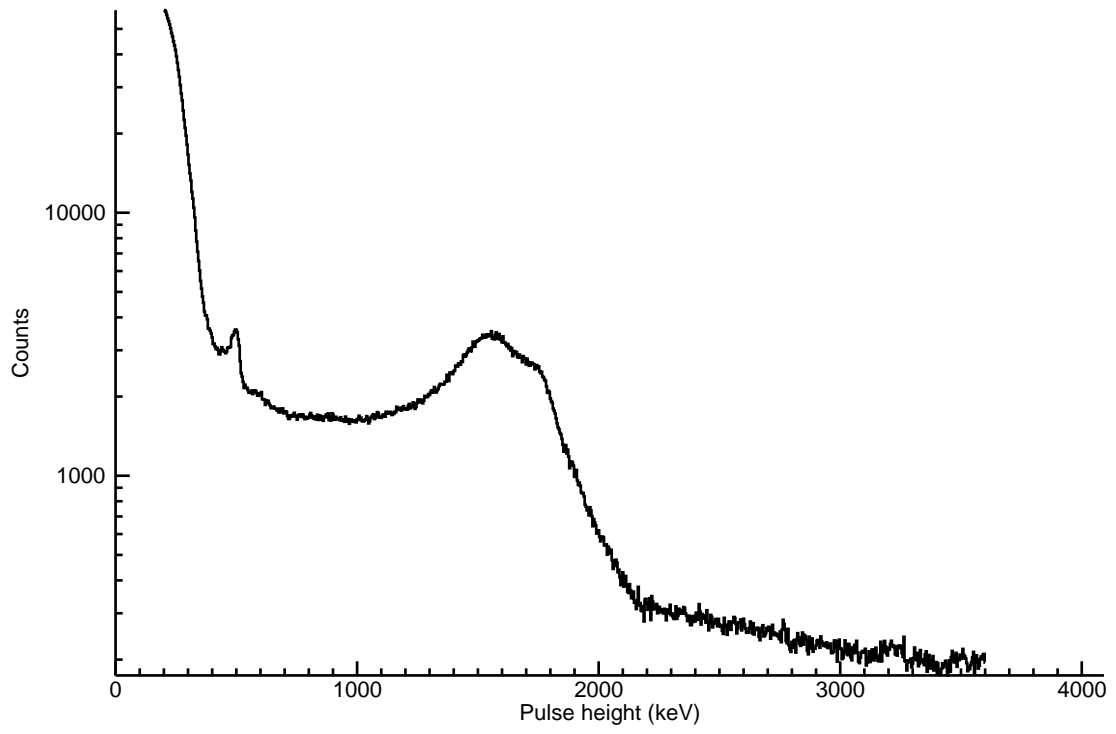


CAT10 pulse height spectrum: CZT5

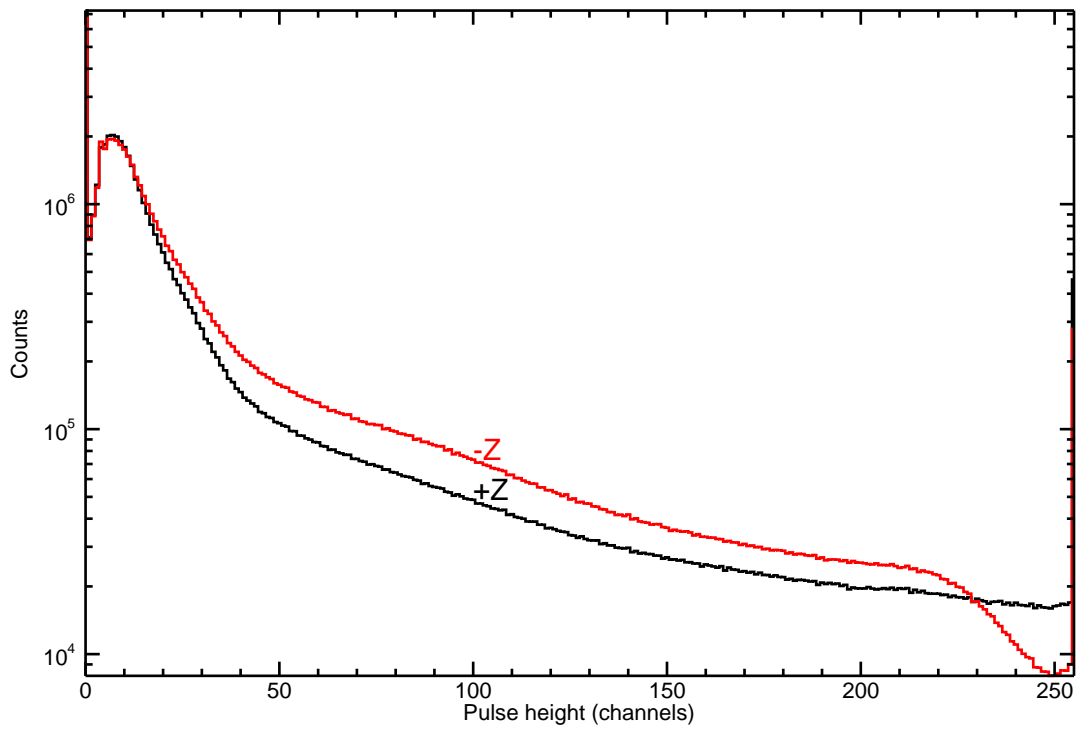




CAT10 CZT composite

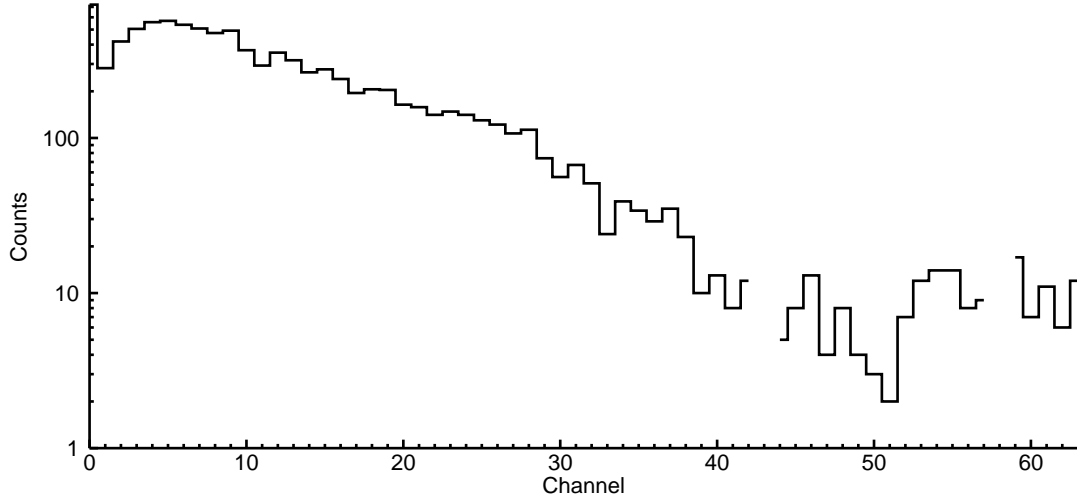


CAT1 histograms

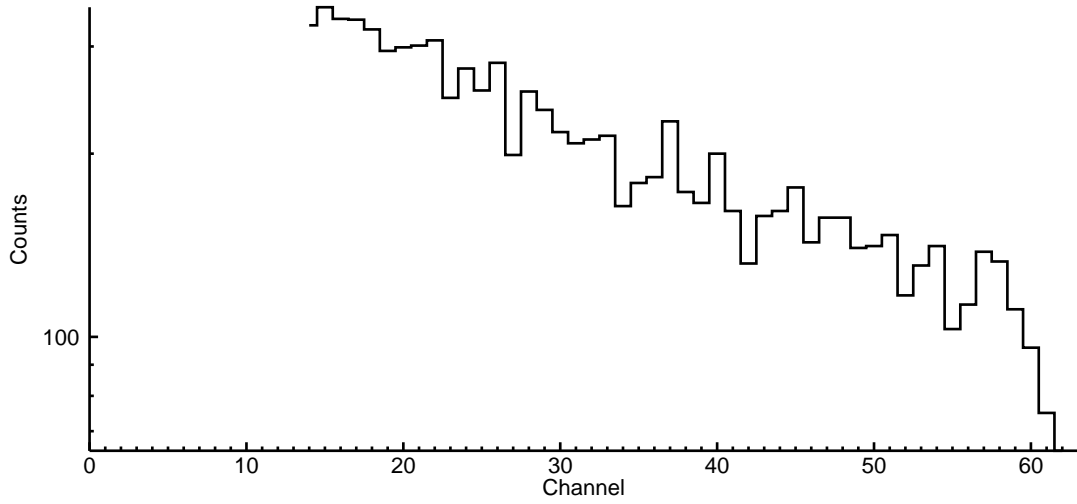




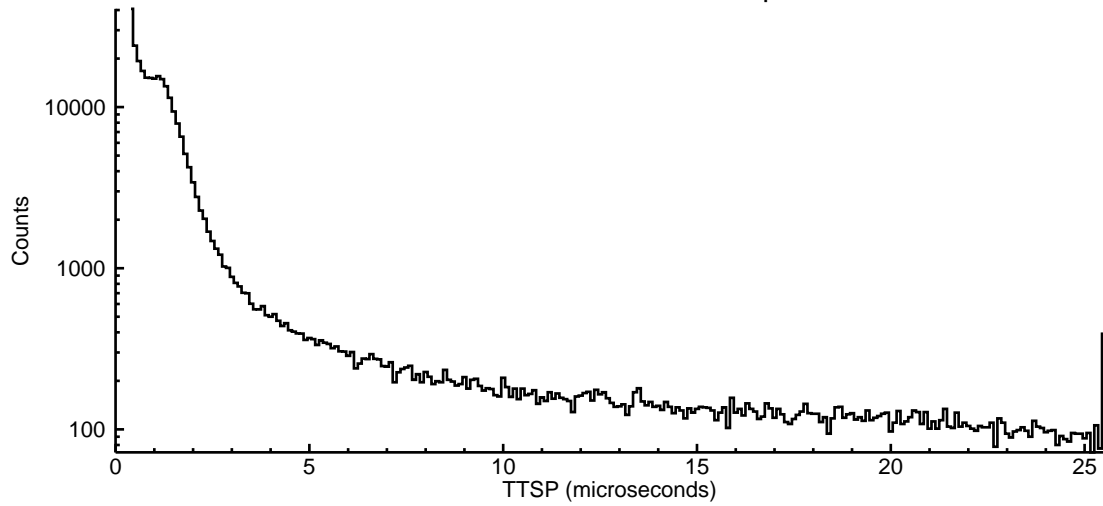
+Z BLP CAT4 first pulse



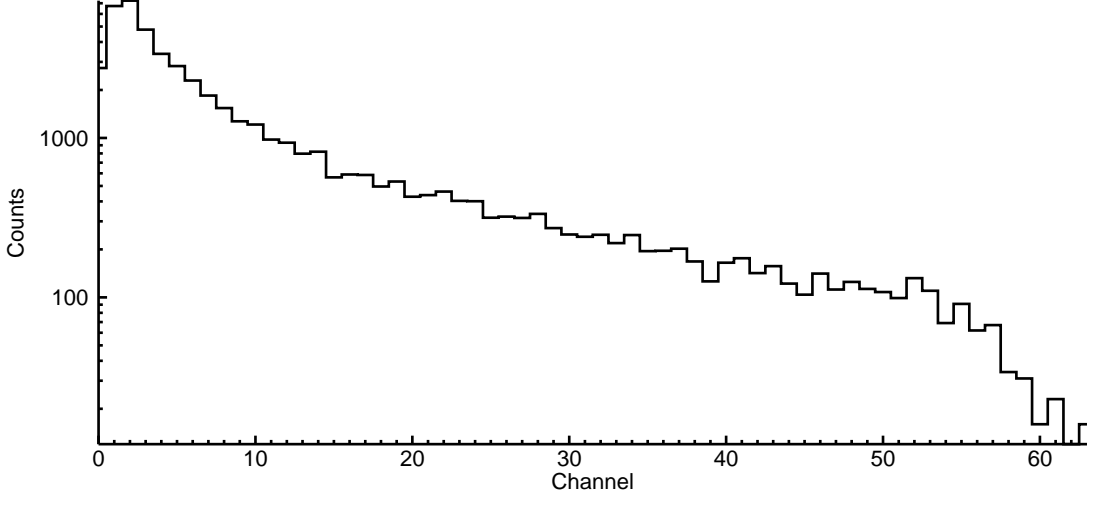
+Z BLP CAT4 second pulse



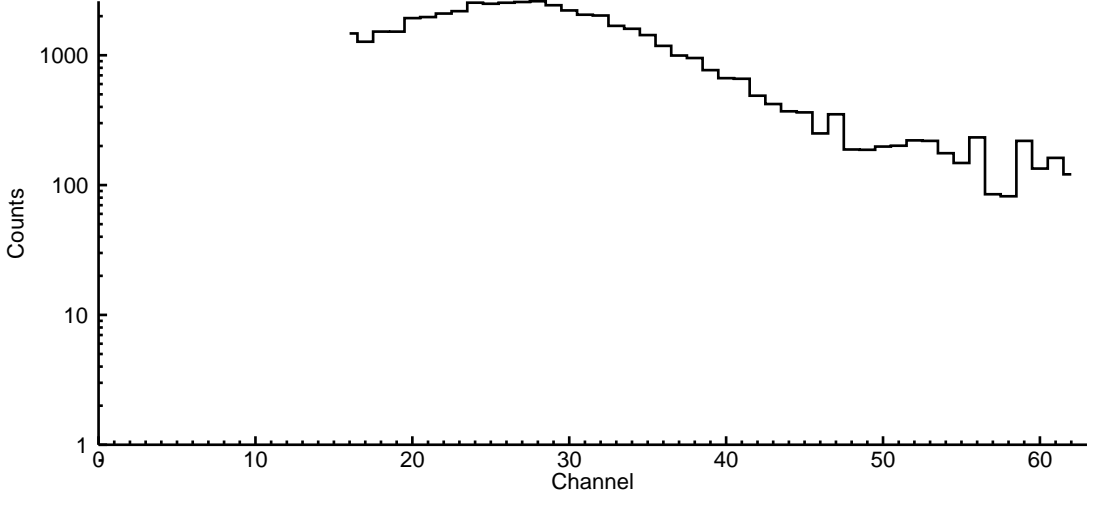
+Z BLP CAT4 time to second pulse



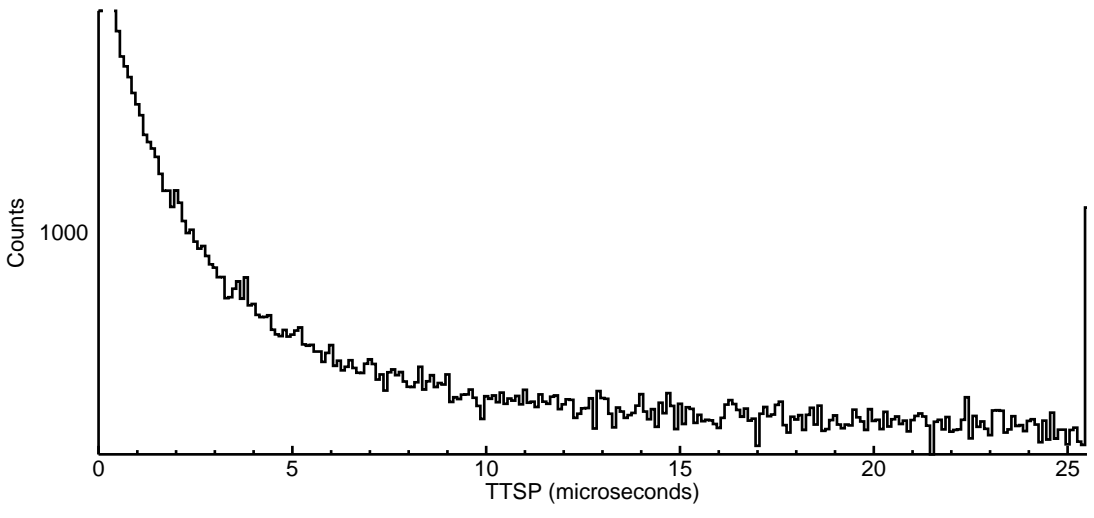
-Y BLP CAT4 first pulse



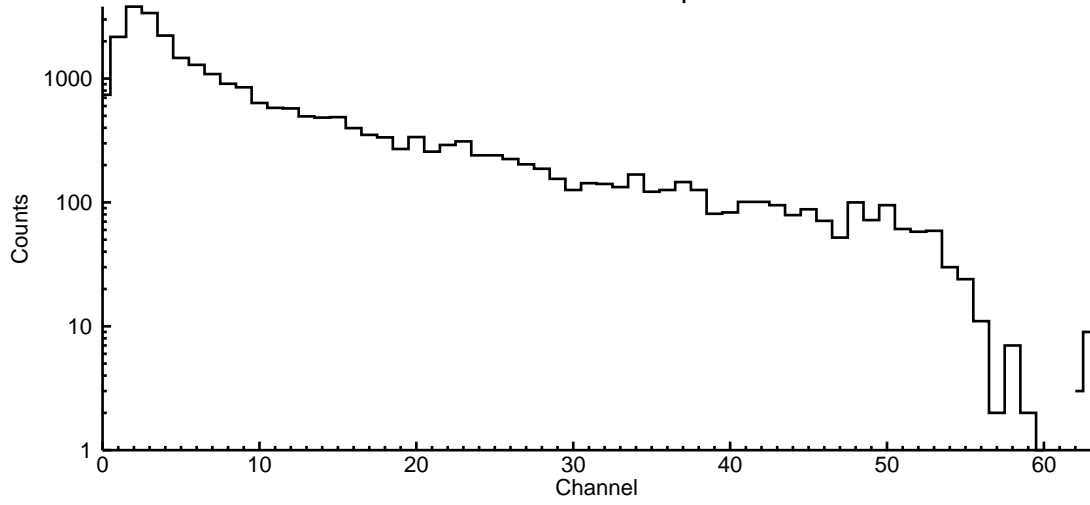
-Y BLP CAT4 second pulse



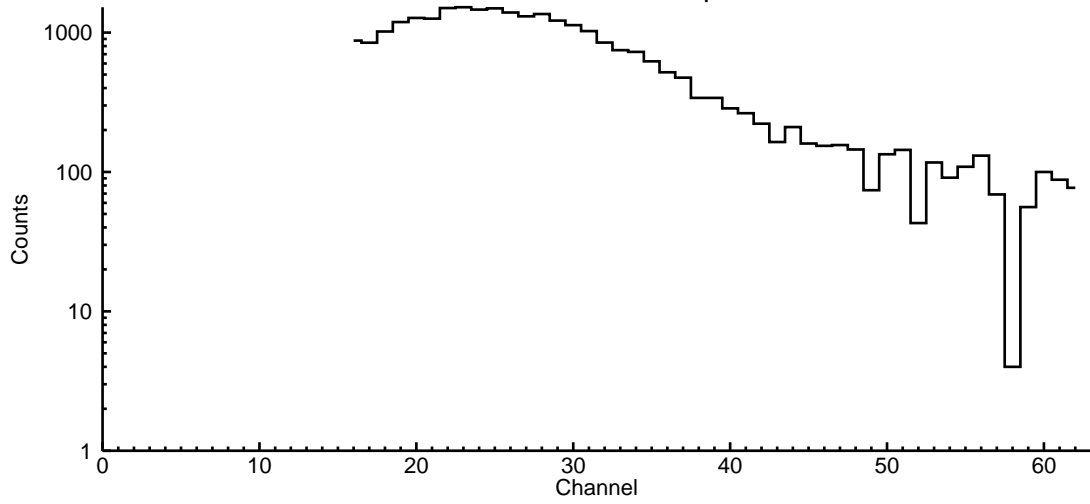
-Y BLP CAT4 time to second pulse



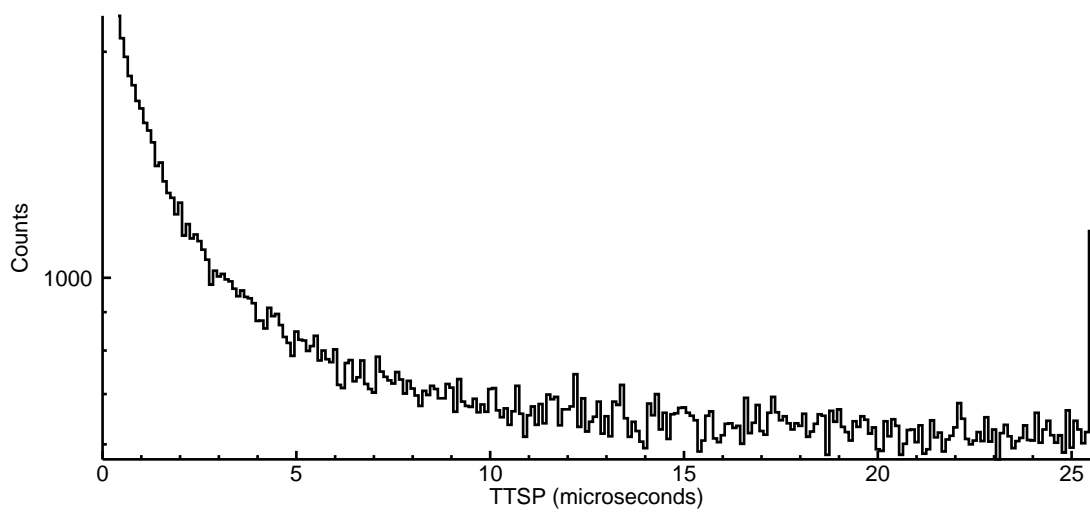
+Y BLP CAT4 first pulse



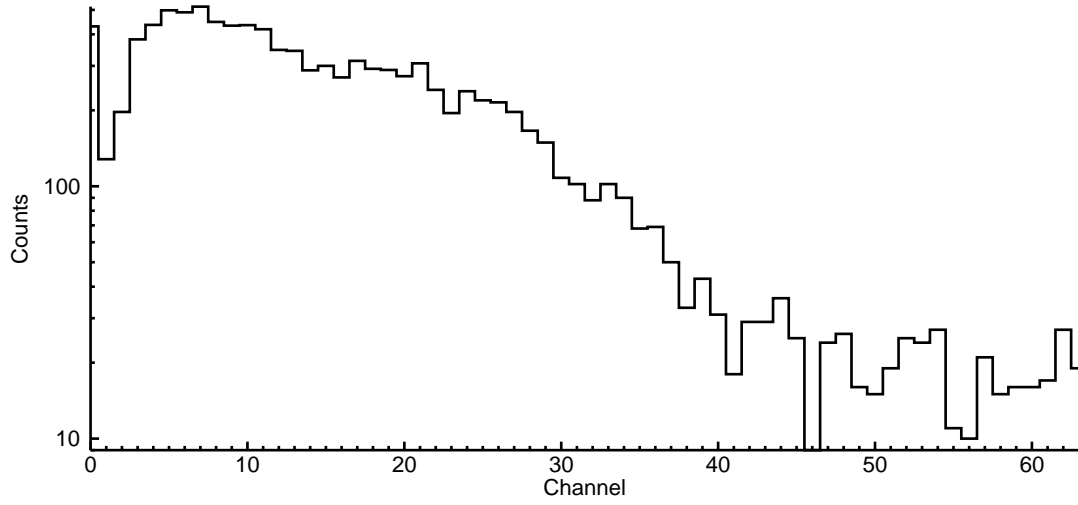
+Y BLP CAT4 second pulse



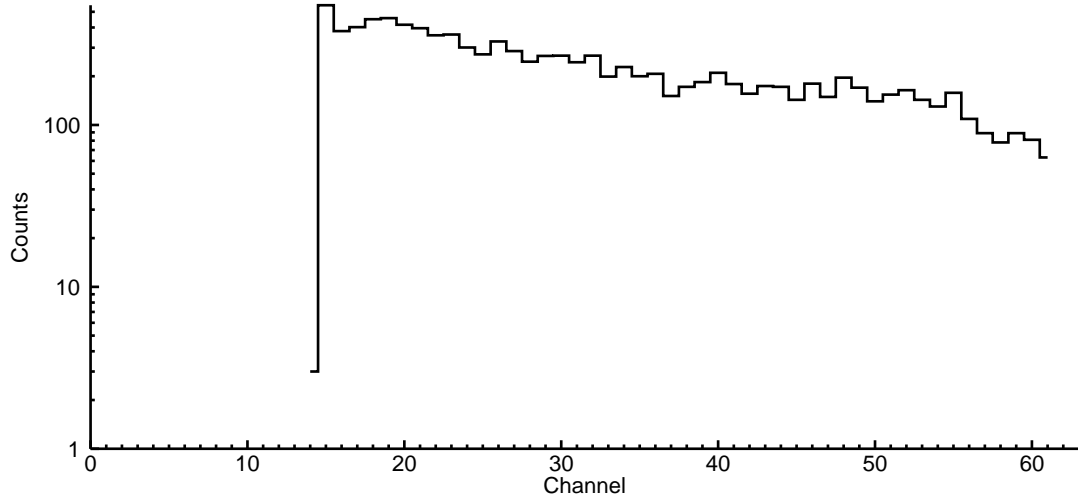
+Y BLP CAT4 time to second pulse



-Z BLP CAT4 first pulse



-Z BLP CAT4 second pulse



-Z BLP CAT4 time to second pulse

