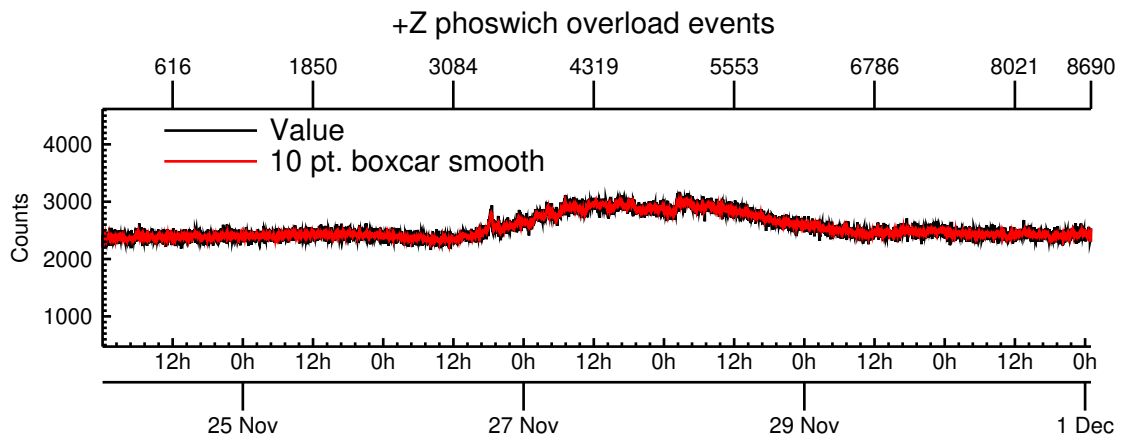
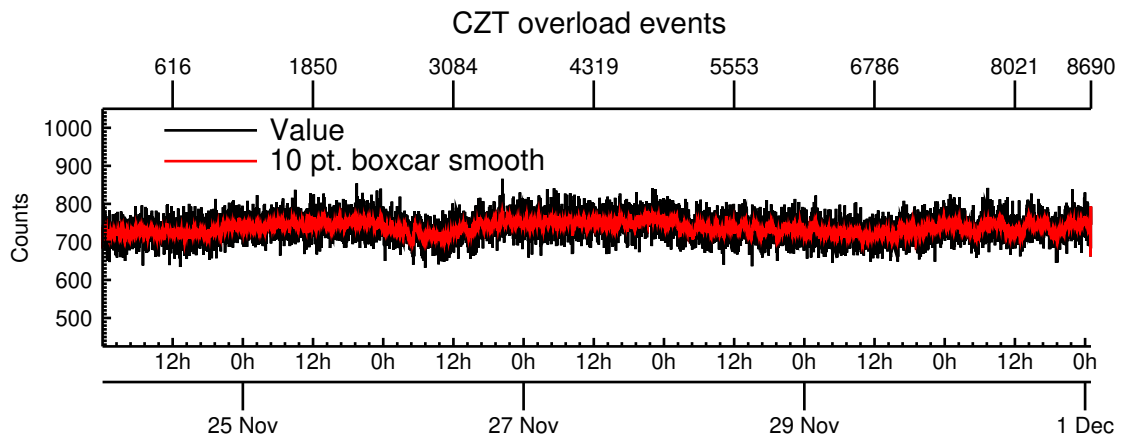
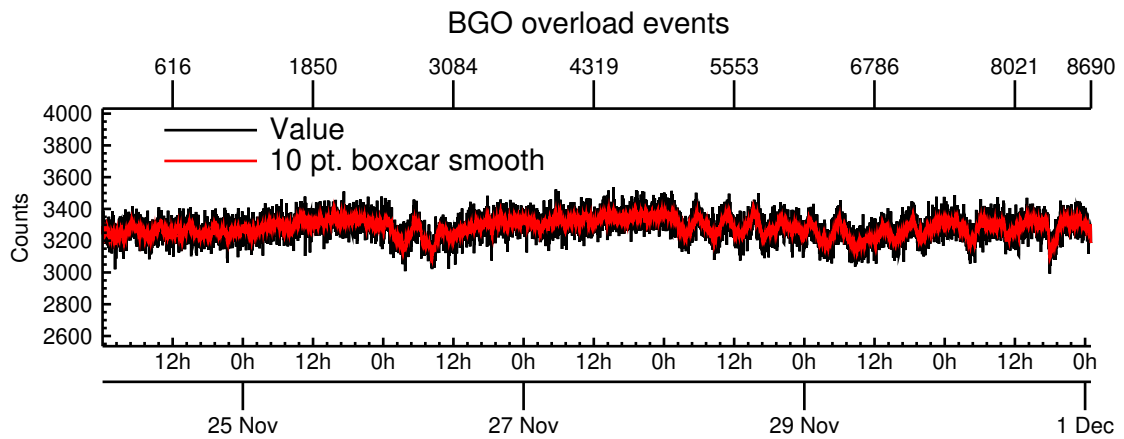
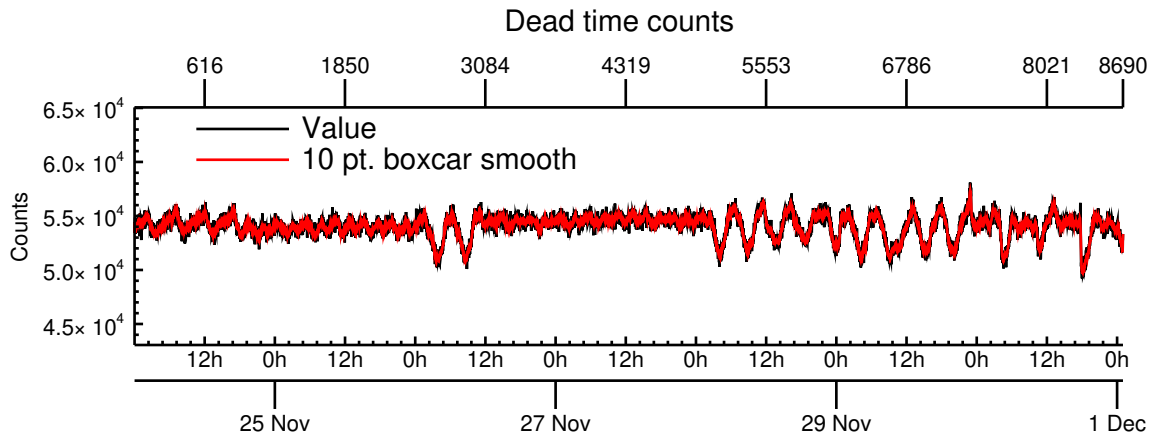


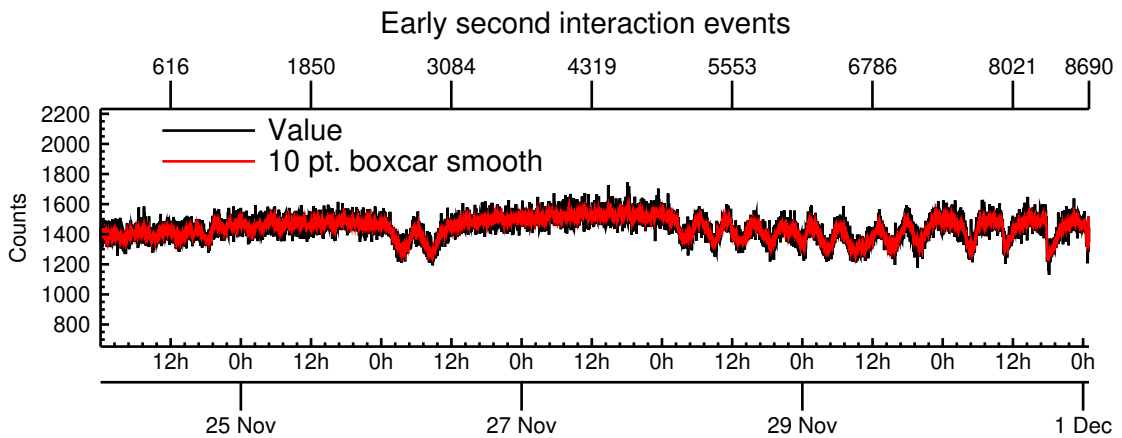
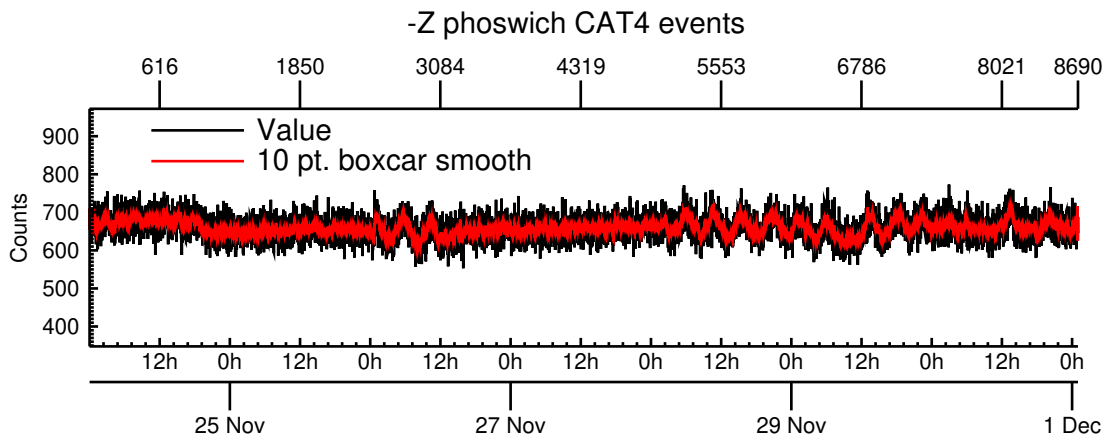
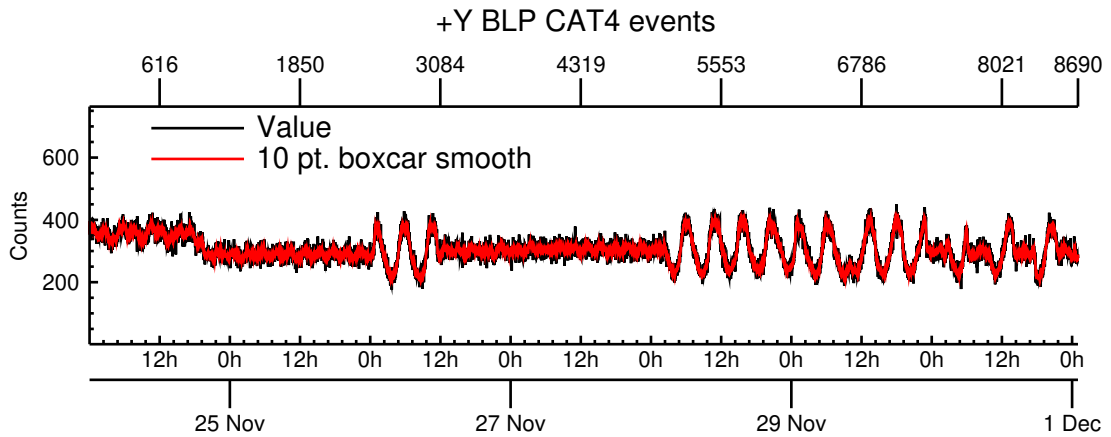
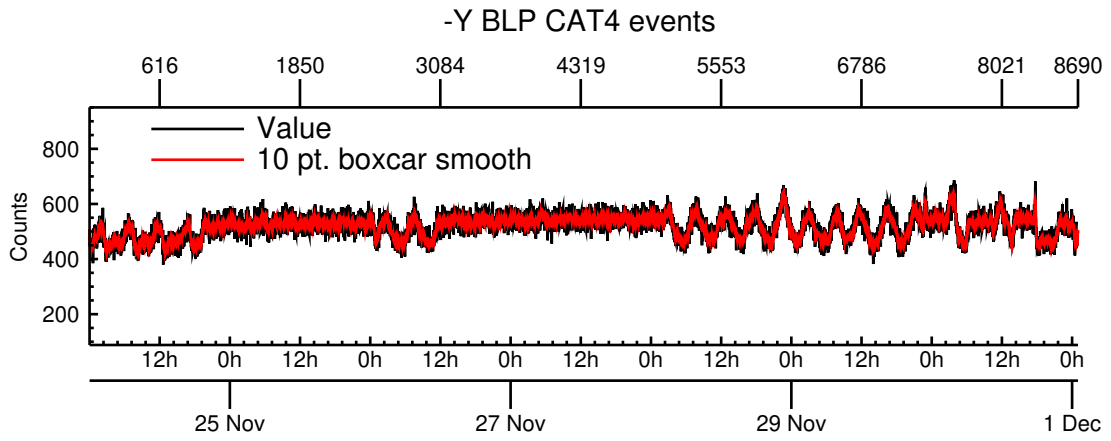
NASA Dawn Mission  
 GRaND@Vesta Browse Charts  
 GRD-L1A-111124-111201\_130628

- Number of science records: 8691  
 23 missing science packets with 1 gaps.  
 Start/End: 2011-11-24T00:00:20 to 2011-12-01T00:59:50
- Number of SOH records: 17382  
 0 missing SOH packets with 0 gaps.  
 Start/End: 2011-11-24T00:00:36 to 2011-12-01T00:59:36
- 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 = 1
- Instrument settings for first state (STATE\_INDEX 0):

TELREADOUT	70	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	180	H_BLP_MY_ROI	64
HVPS5	1	L_BLP_PY_CW	1
HVPS5_SET	125	H_BLP_PY_CW	64
HVPS6	1	L_BLP_PY_ROI	1
HVPS6_SET	170	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

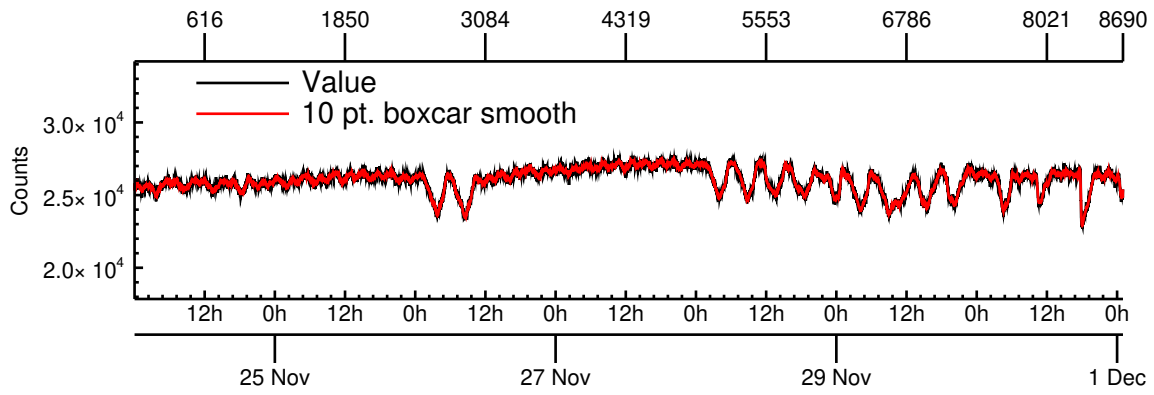




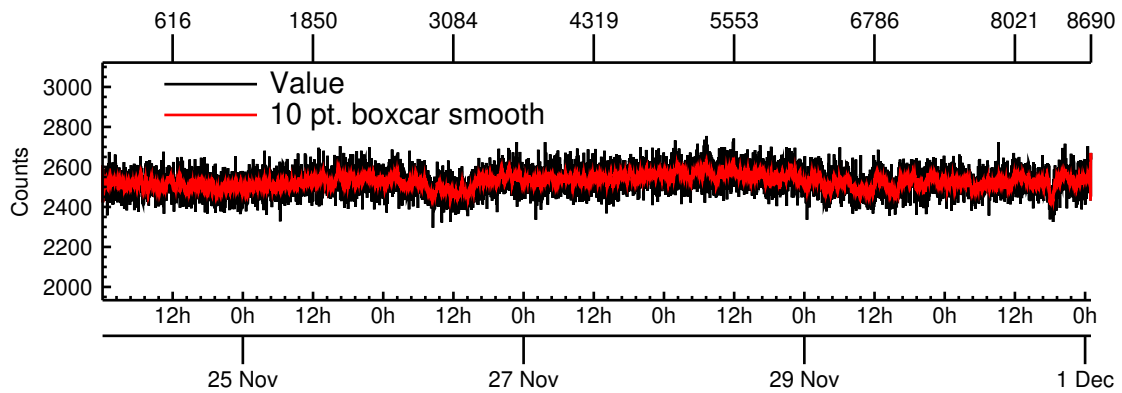




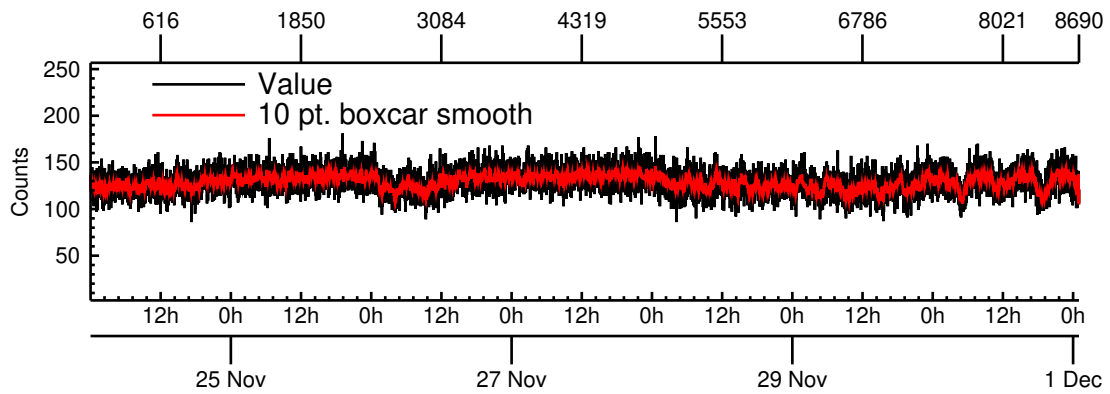
### Total events processed by GRaND



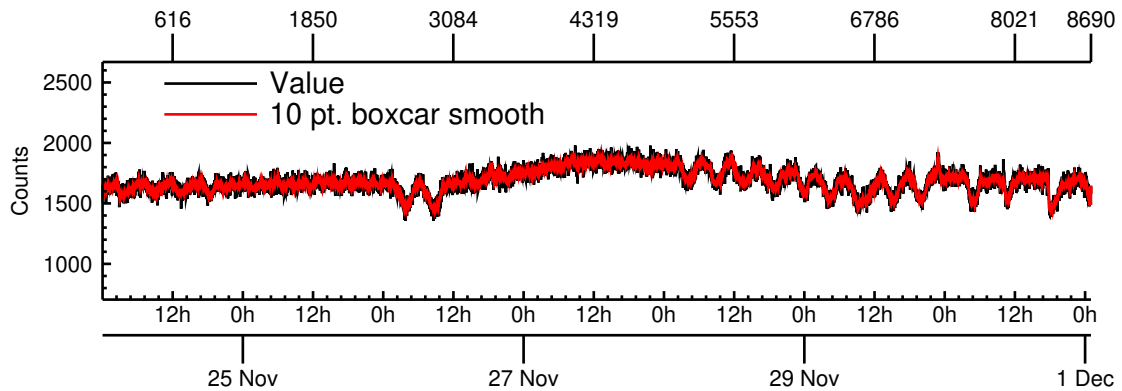
### Number of single CZT events (CAT10) in the gamma ray event buffer

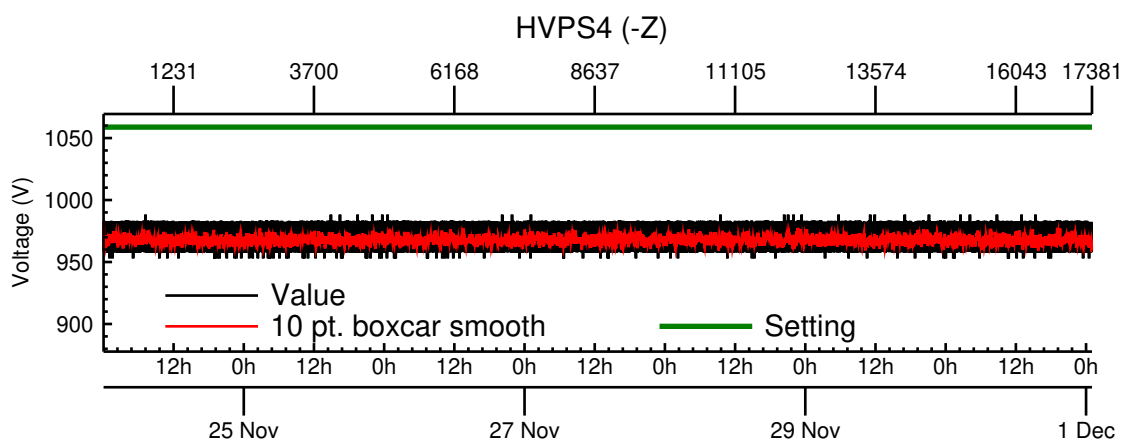
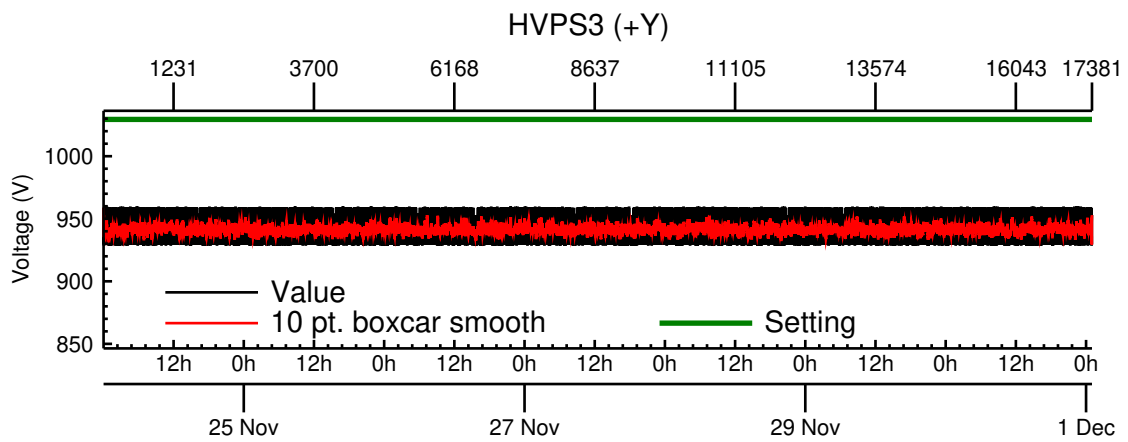
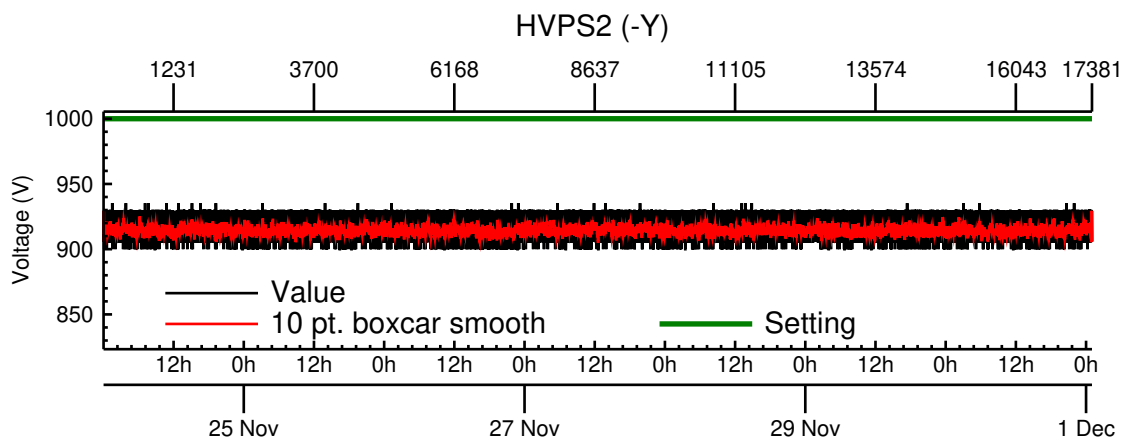
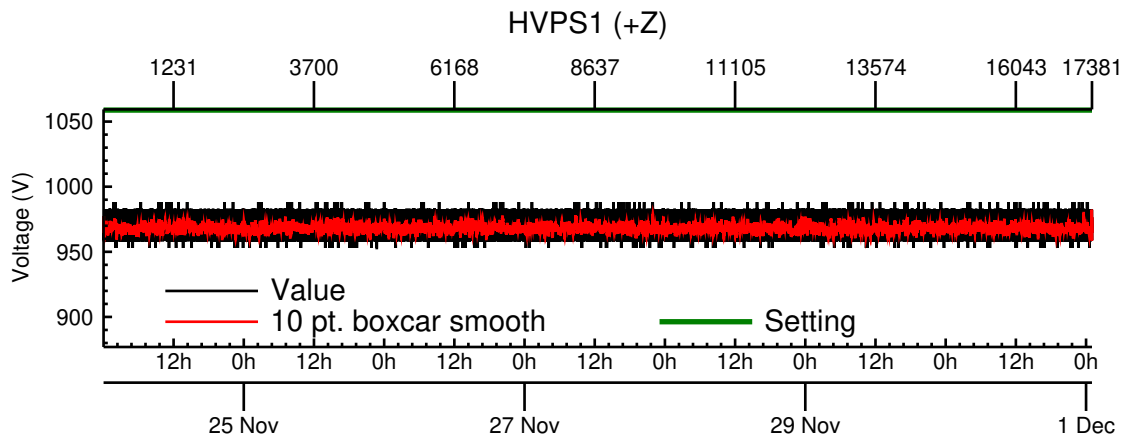


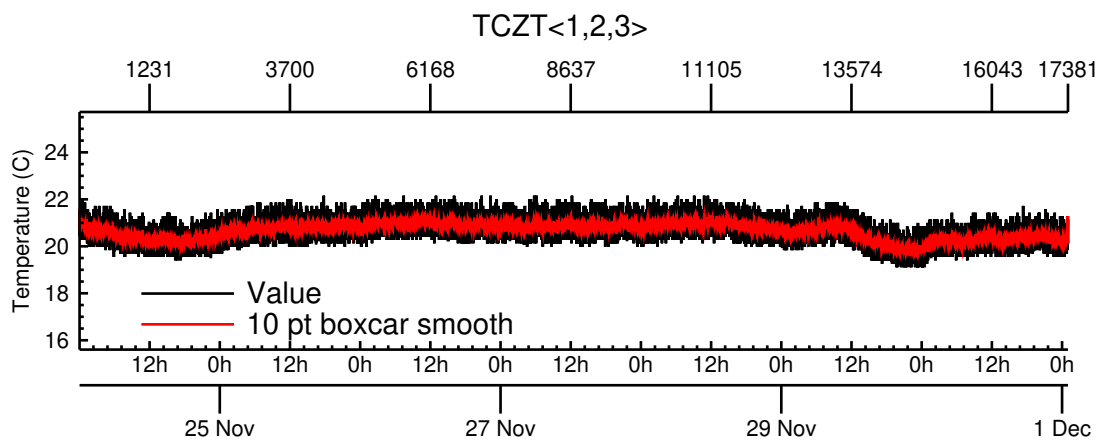
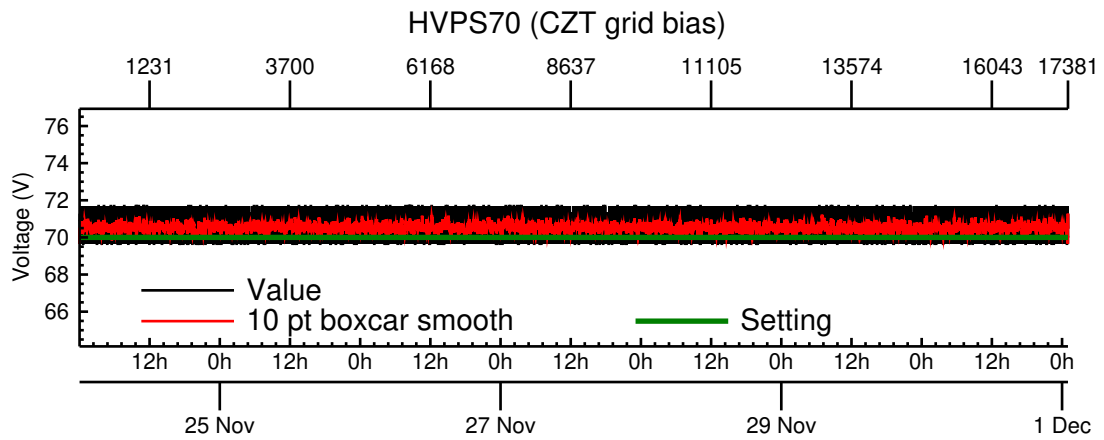
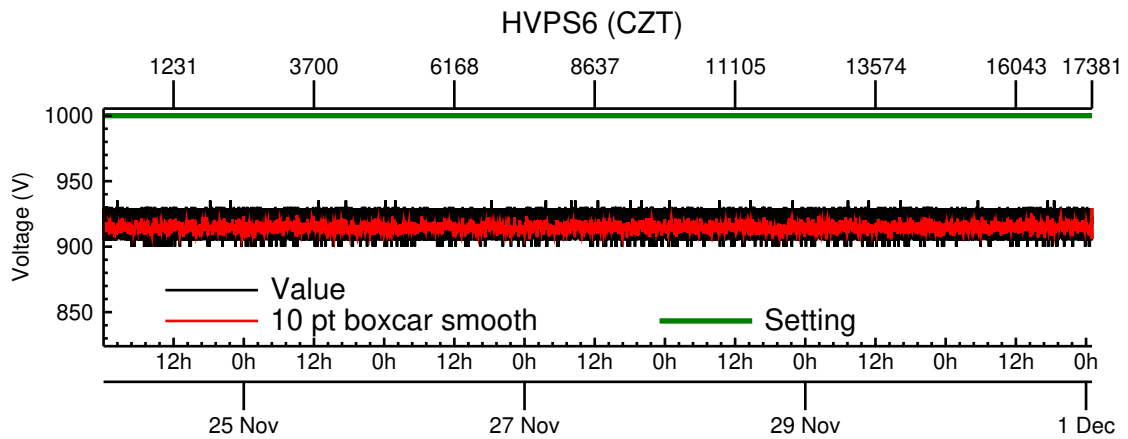
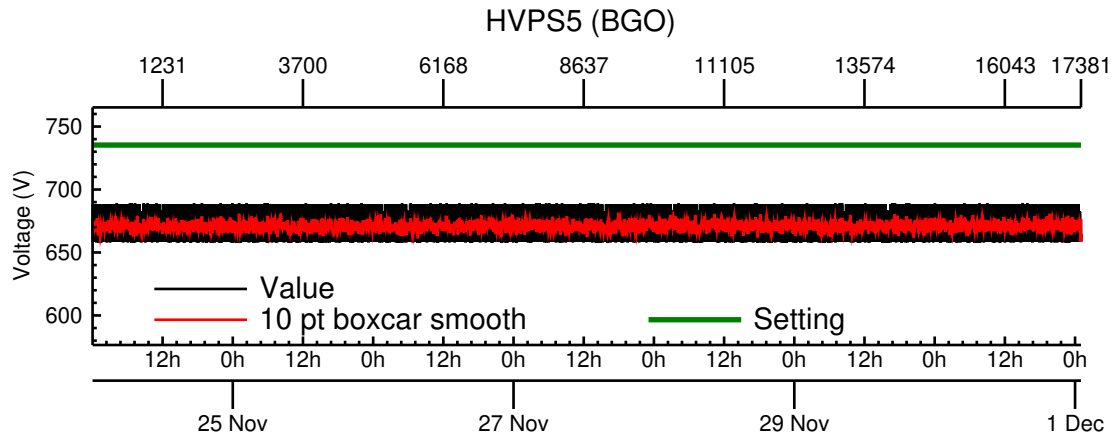
### Number of BGO-CZT events (CAT7) in the gamma ray event buffer



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

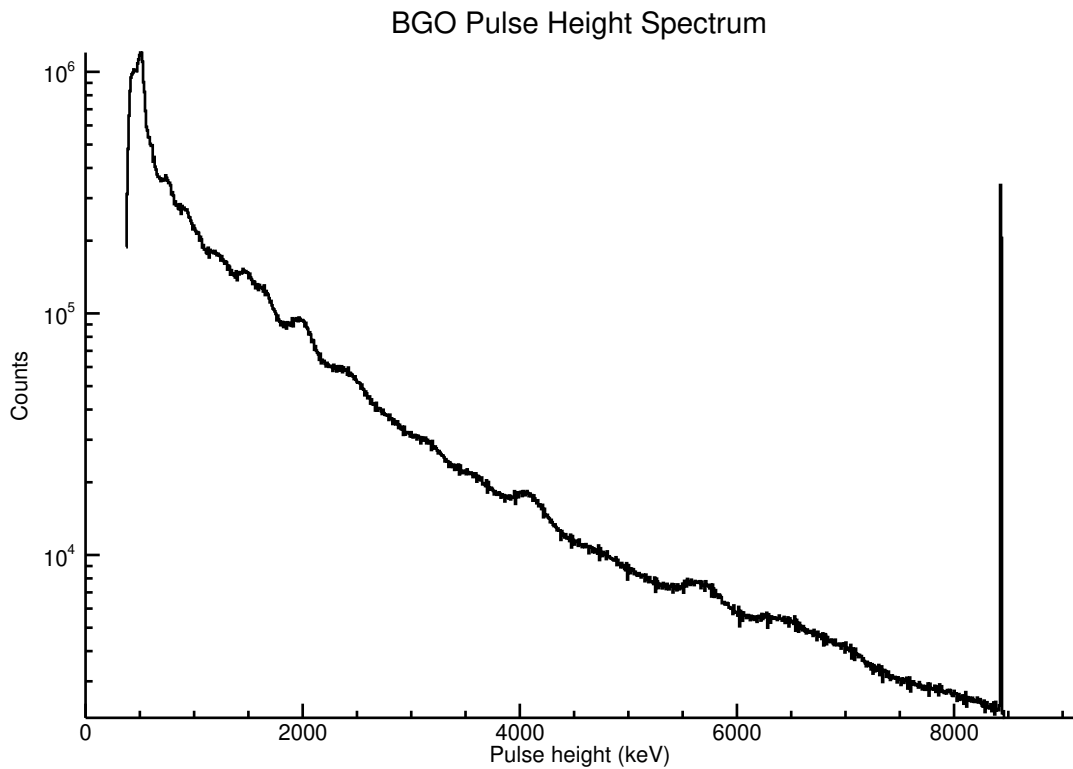
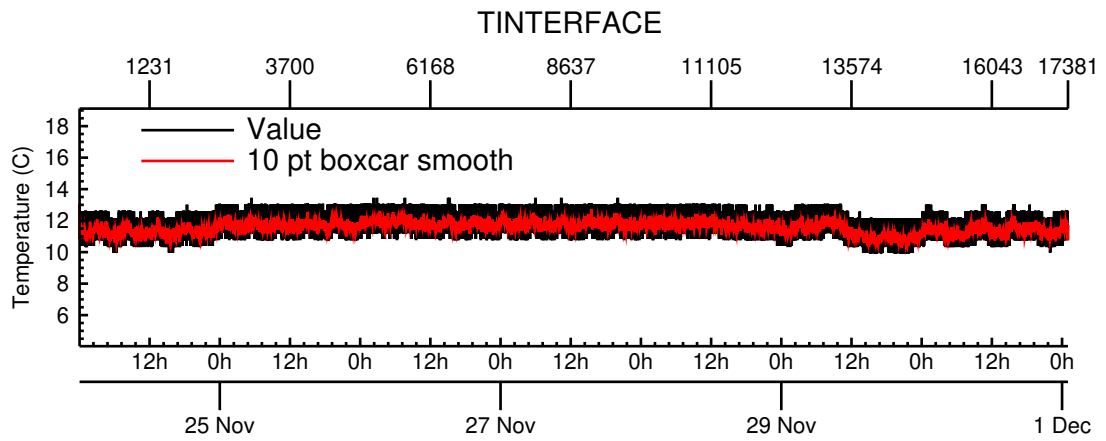
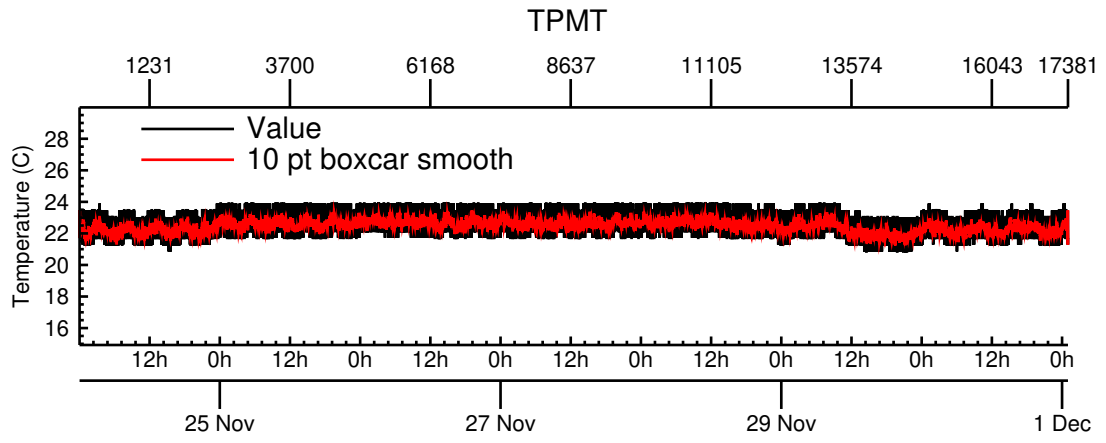




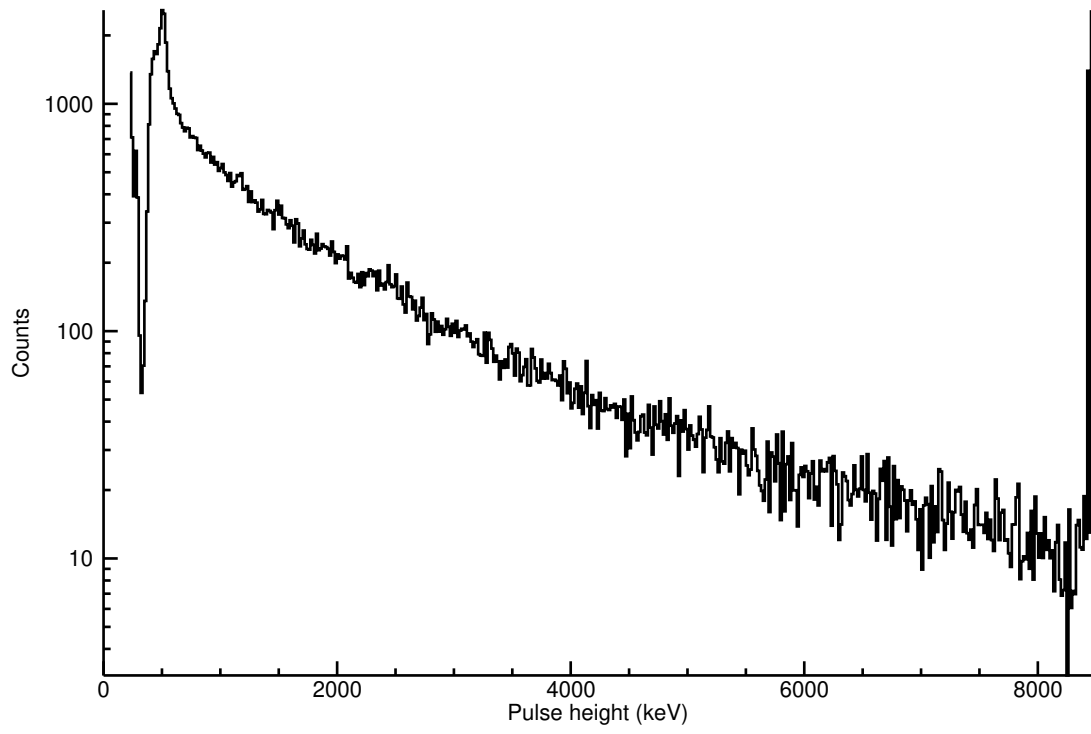




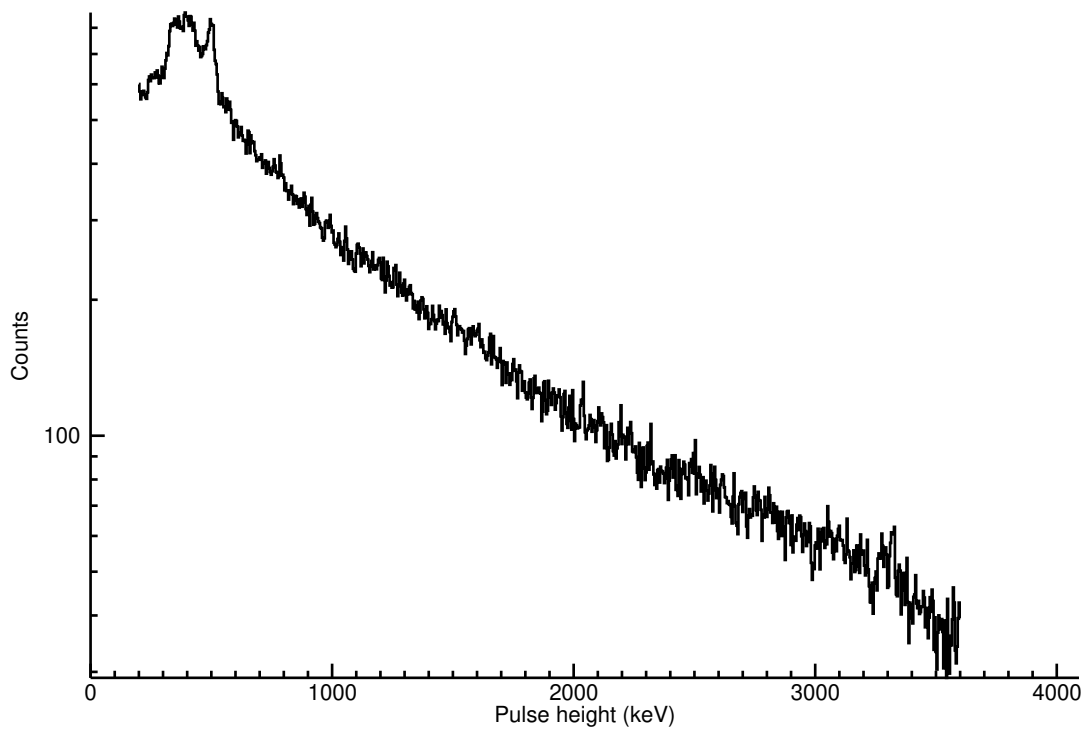




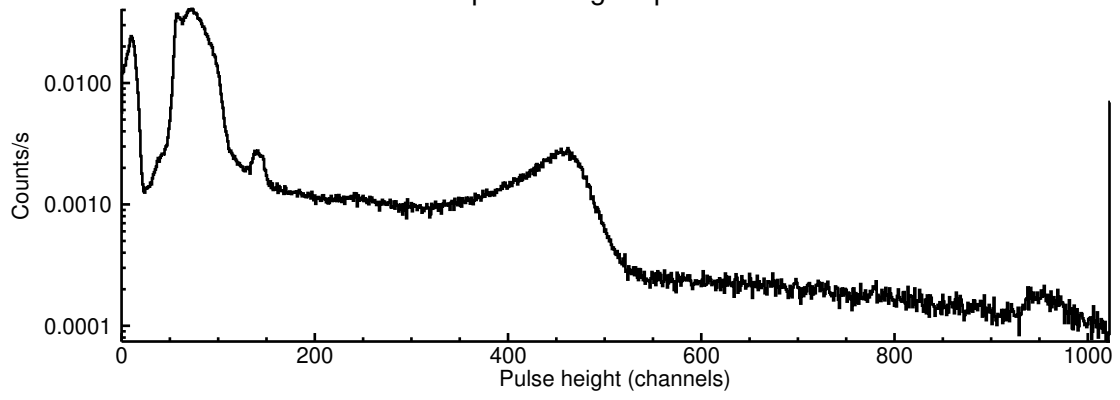
BGO-CZT pair spectrum: BGO



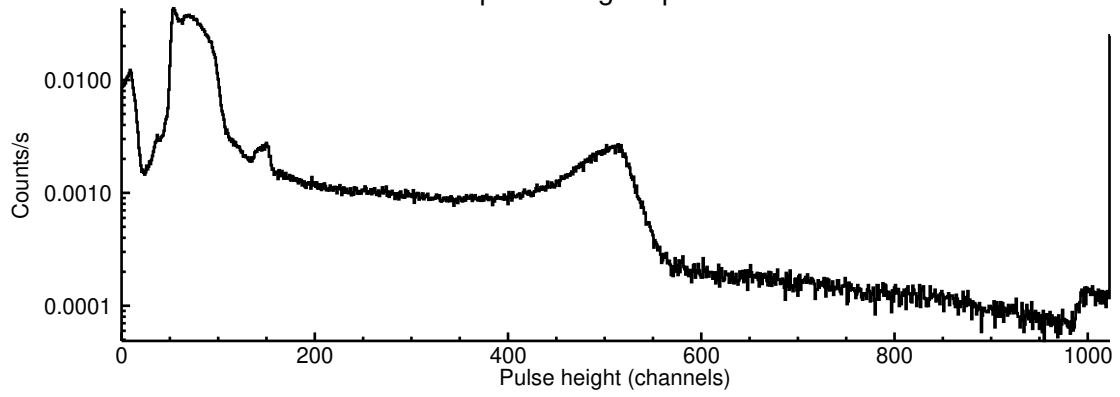
BGO-CZT pair spectrum: CZT



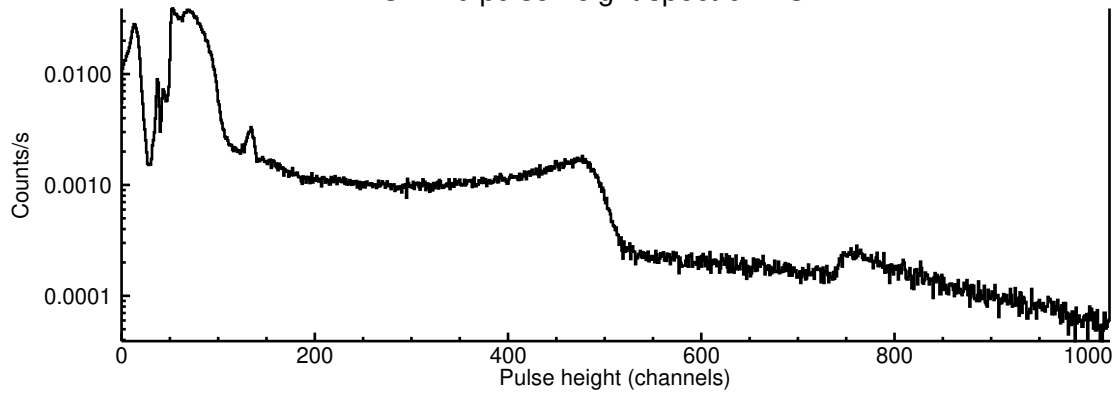
CAT10 pulse height spectrum: CZT11



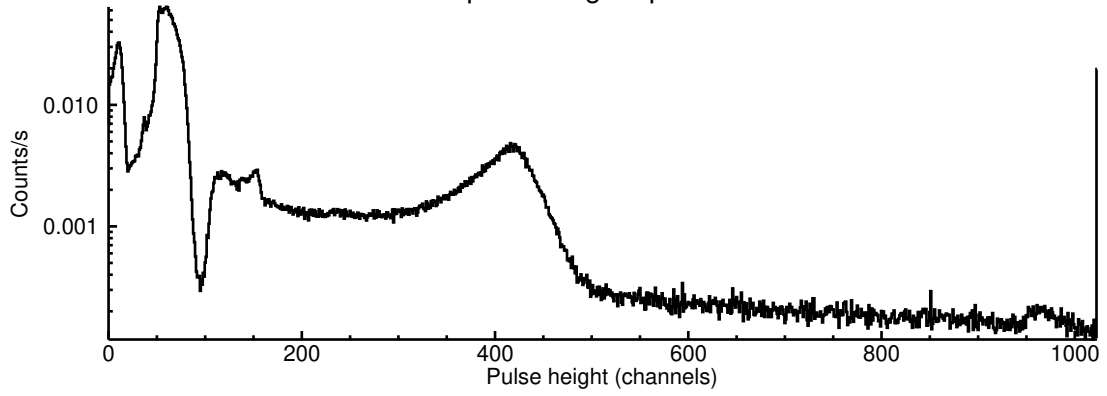
CAT10 pulse height spectrum: CZT3



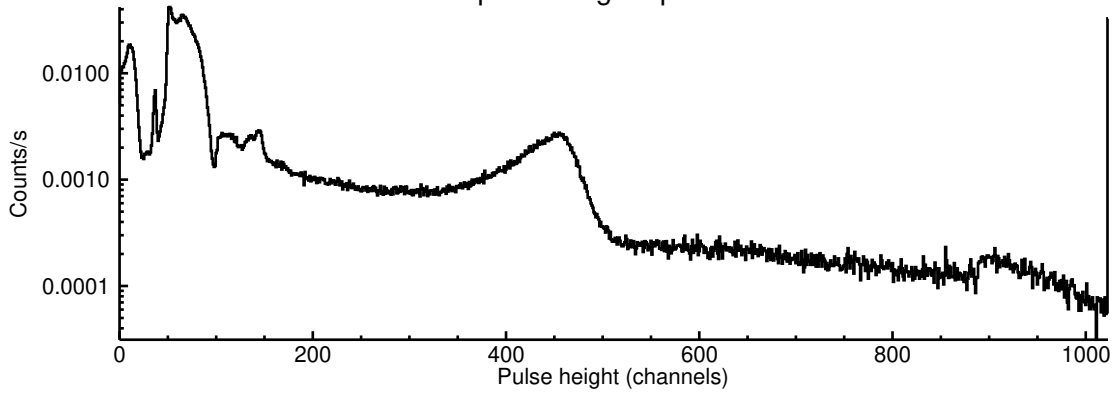
CAT10 pulse height spectrum: CZT1



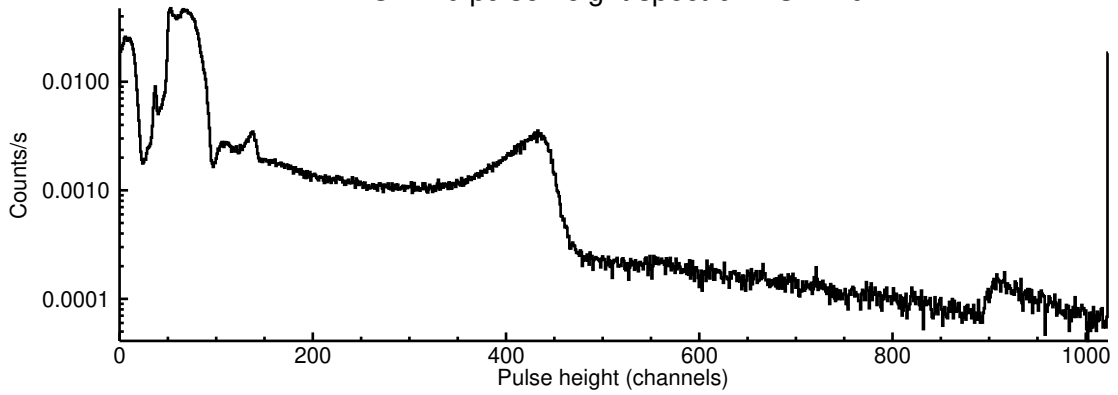
CAT10 pulse height spectrum: CZT2



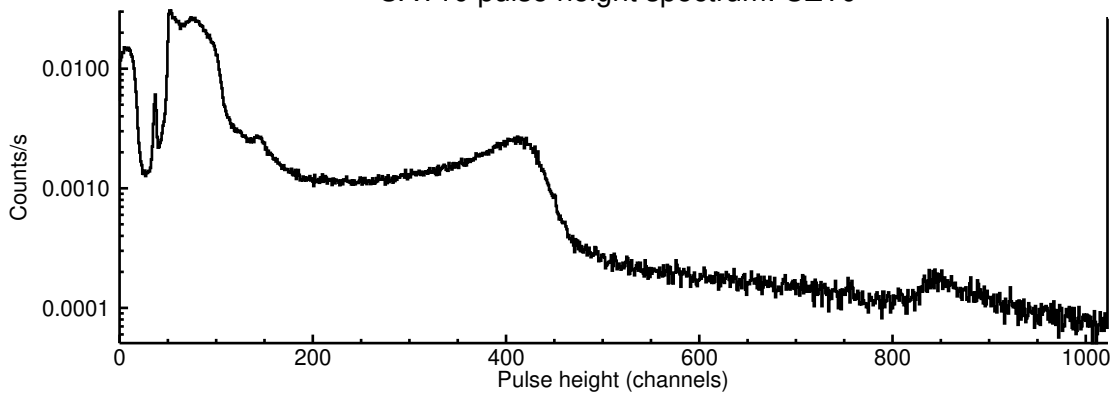
CAT10 pulse height spectrum: CZT8



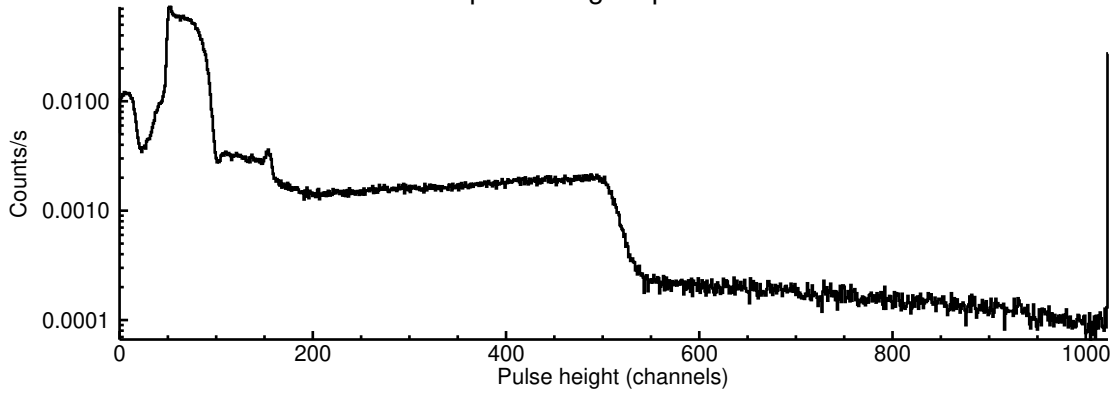
CAT10 pulse height spectrum: CZT10



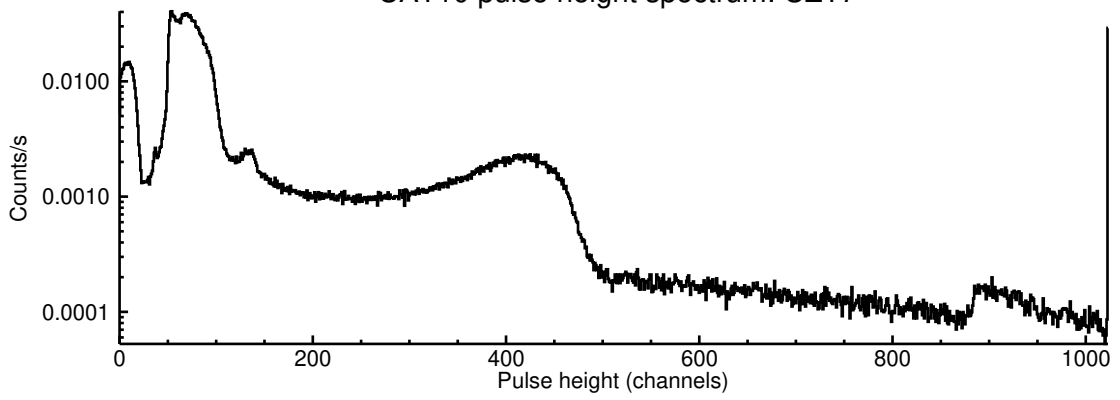
CAT10 pulse height spectrum: CZT0



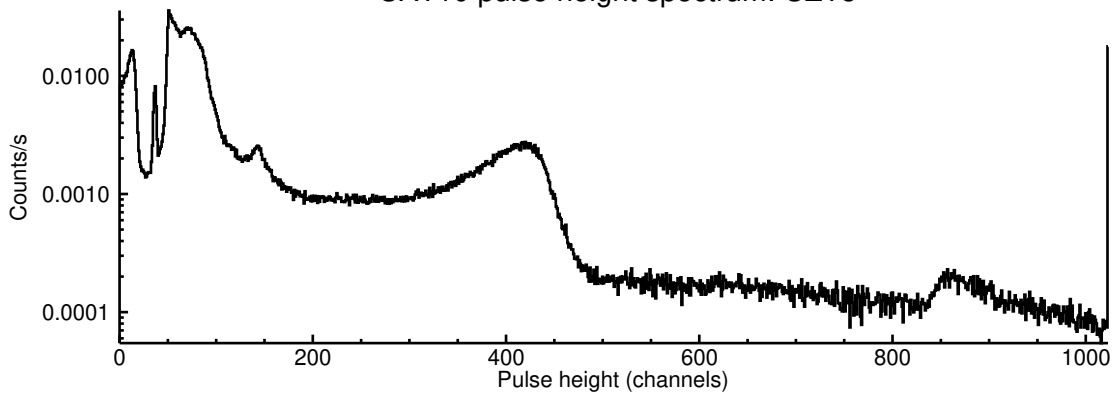
CAT10 pulse height spectrum: CZT15

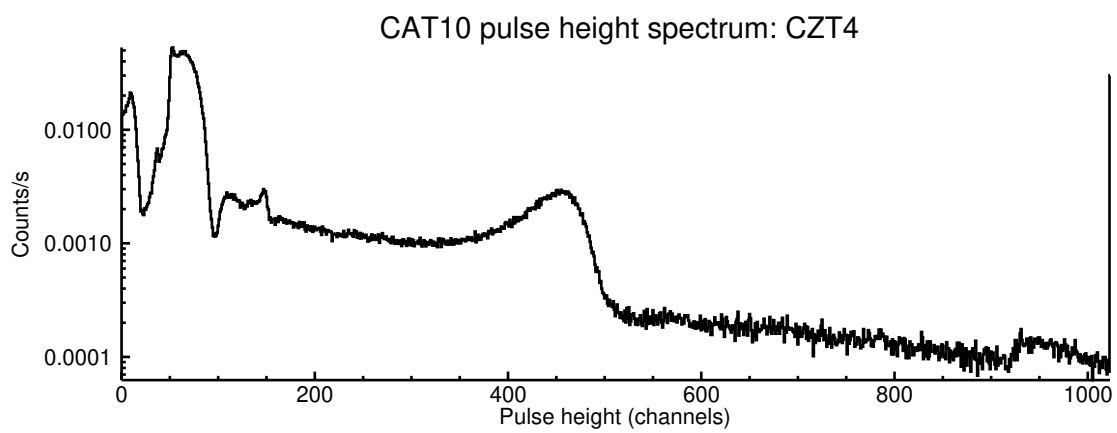
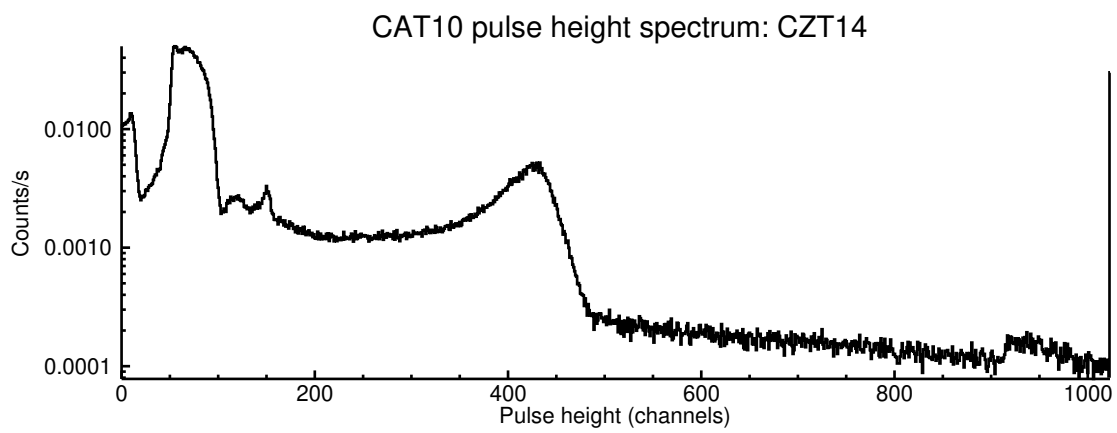
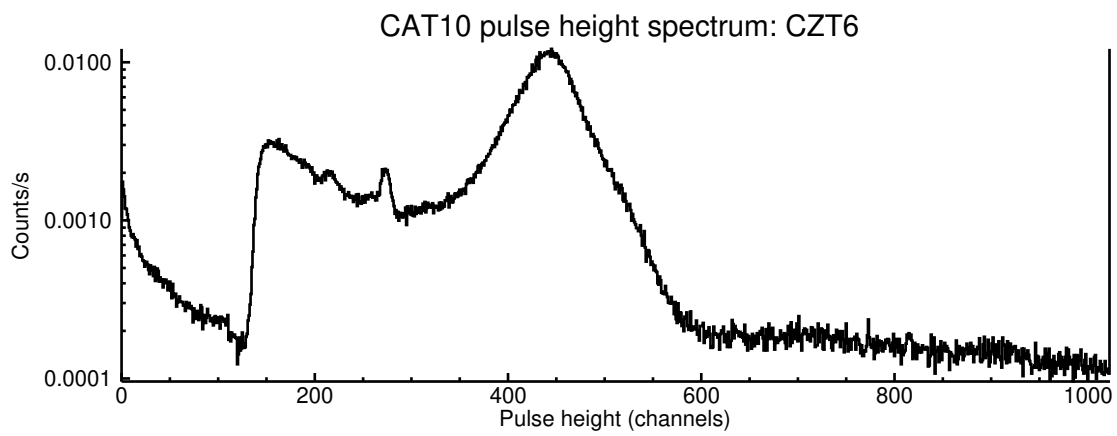


CAT10 pulse height spectrum: CZT7

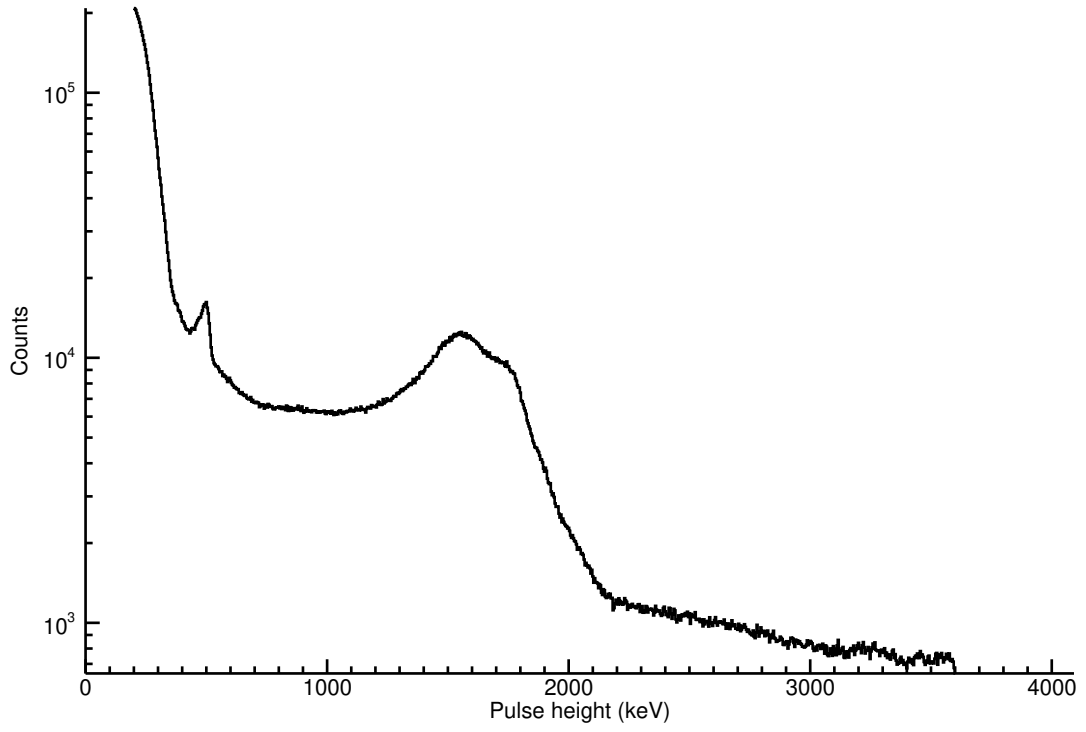


CAT10 pulse height spectrum: CZT5

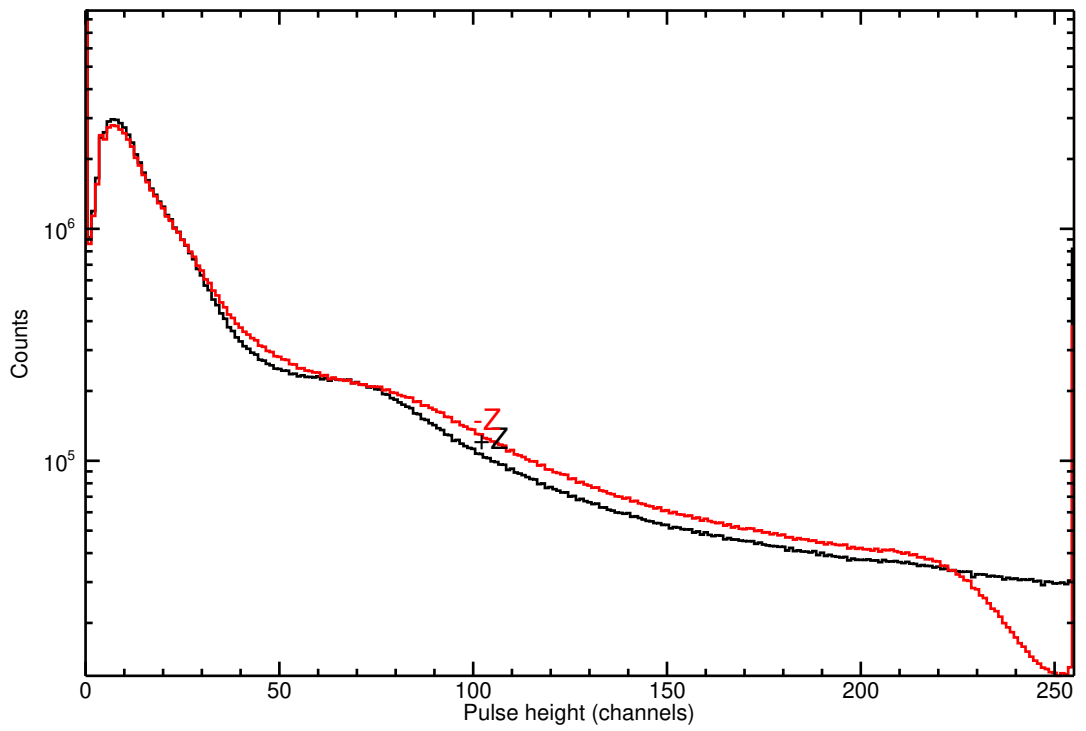




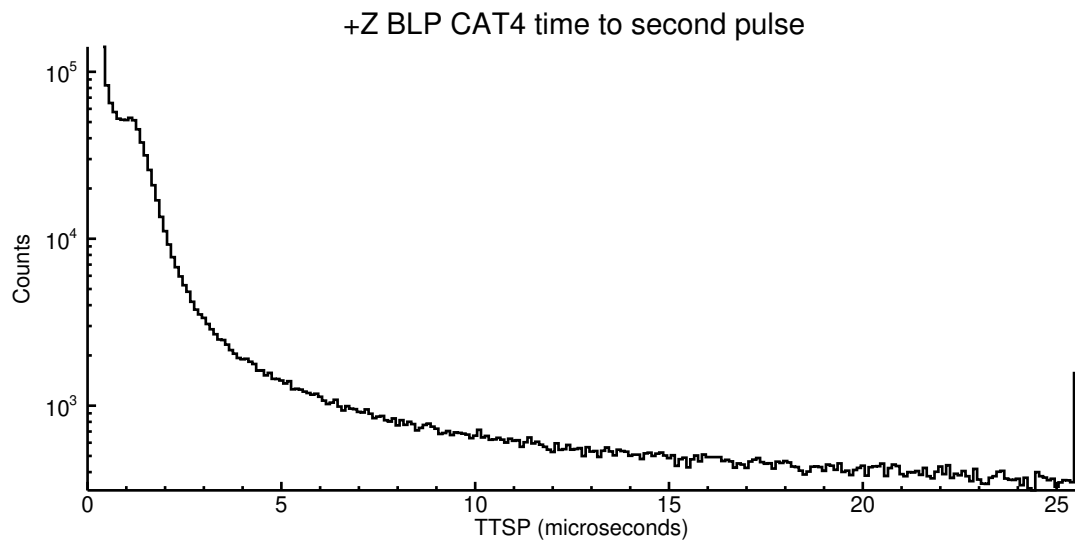
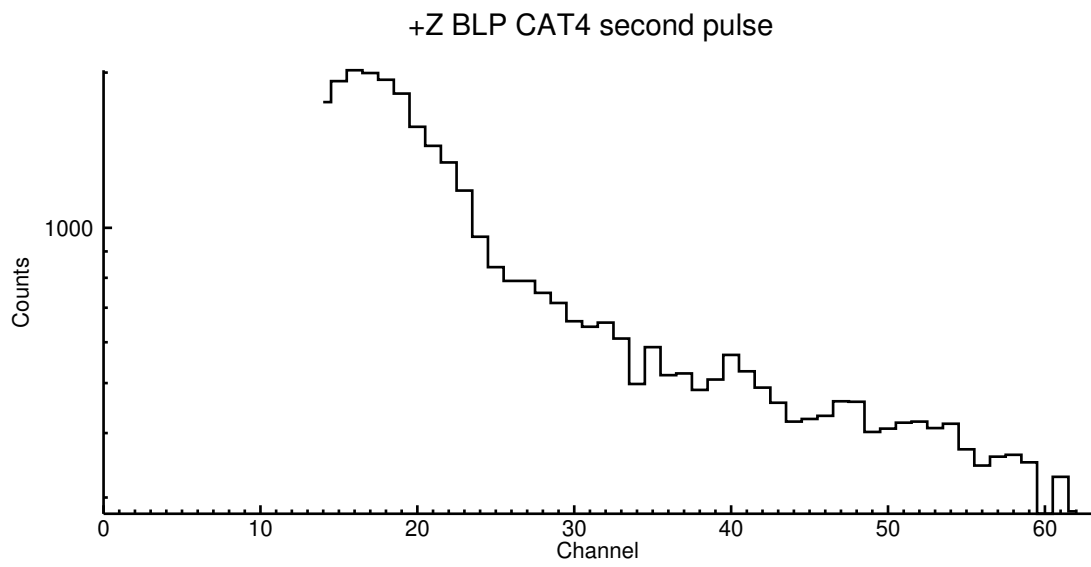
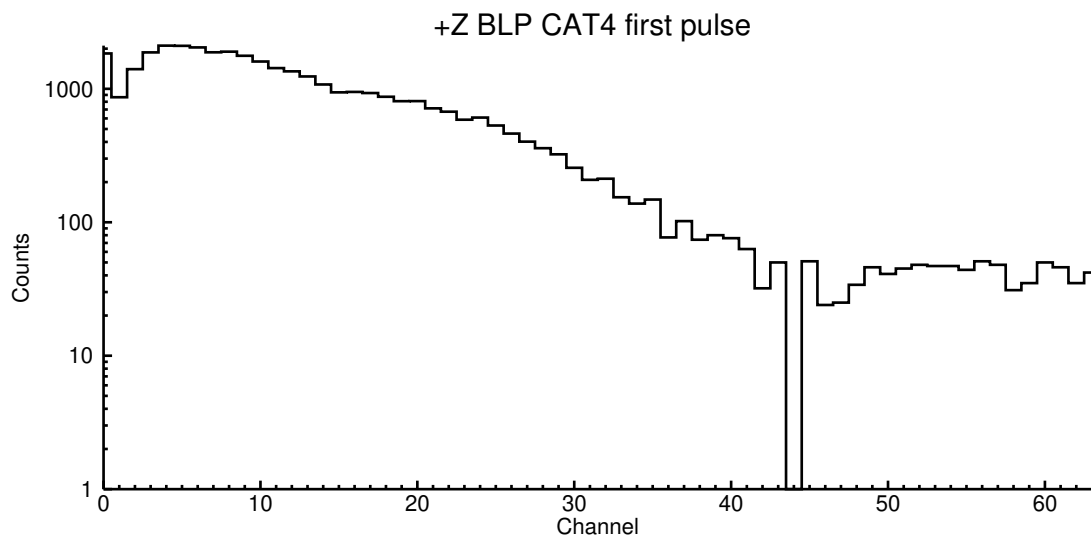
CAT10 CZT composite



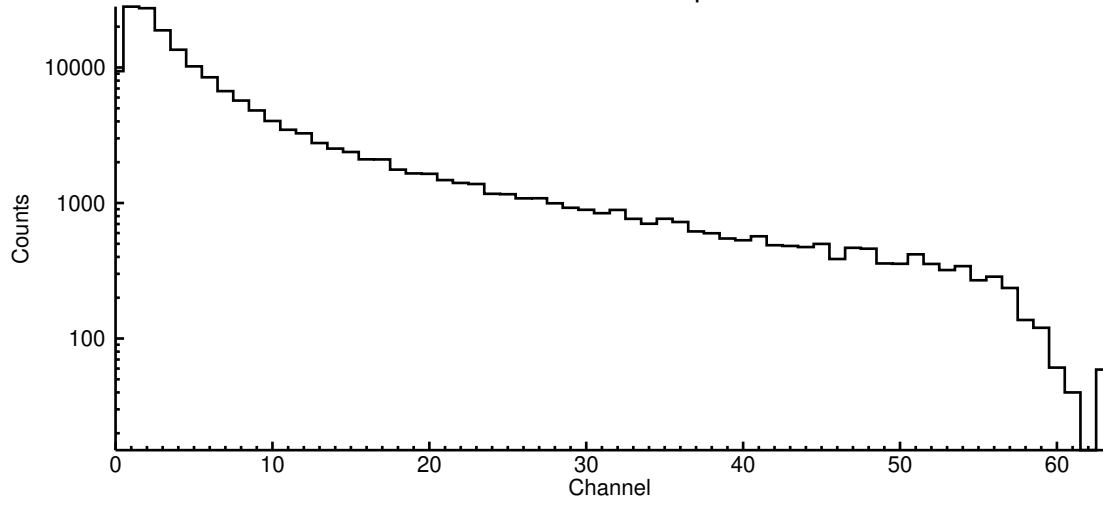
CAT1 histograms



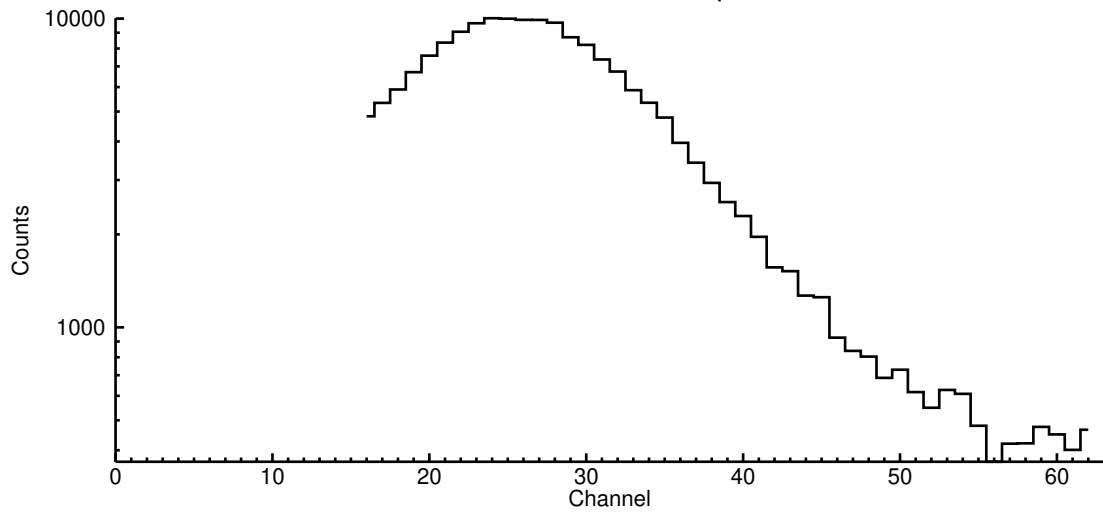




-Y BLP CAT4 first pulse



-Y BLP CAT4 second pulse



-Y BLP CAT4 time to second pulse

