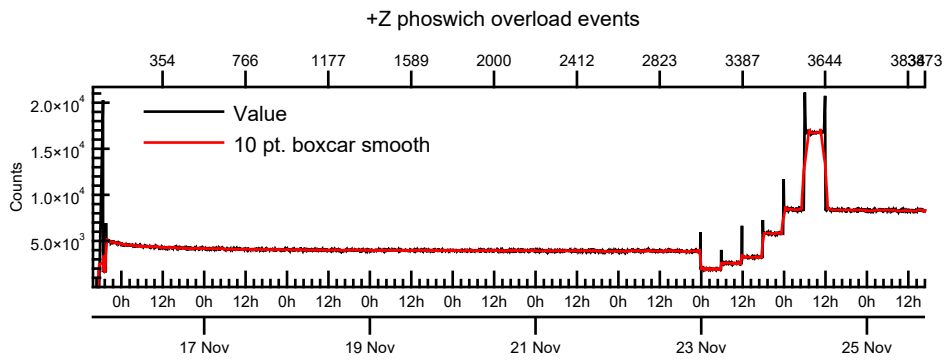
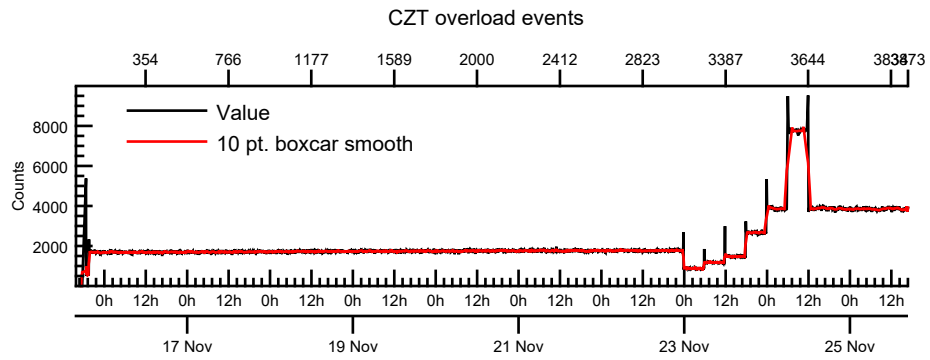
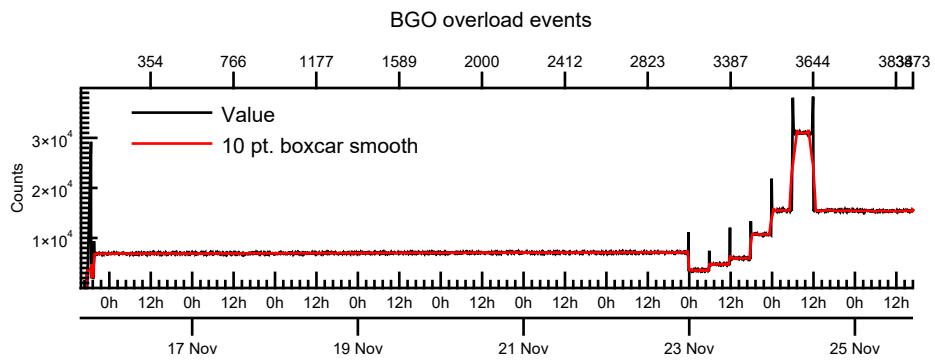
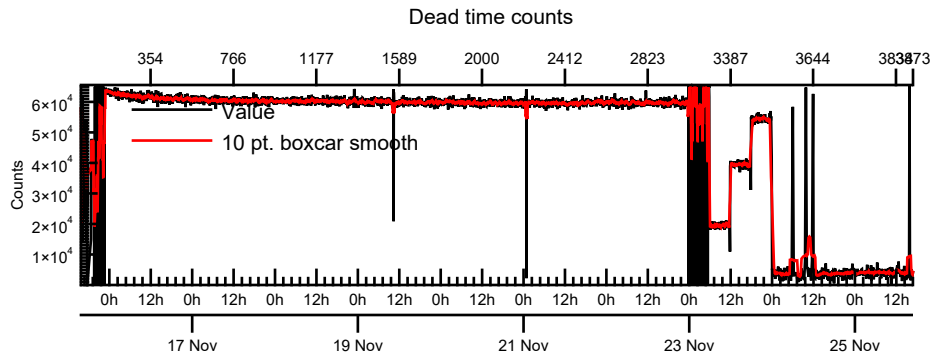


NASA Dawn Mission  
GRaND Browse Charts  
Cruise vcc DC065 13319\_0

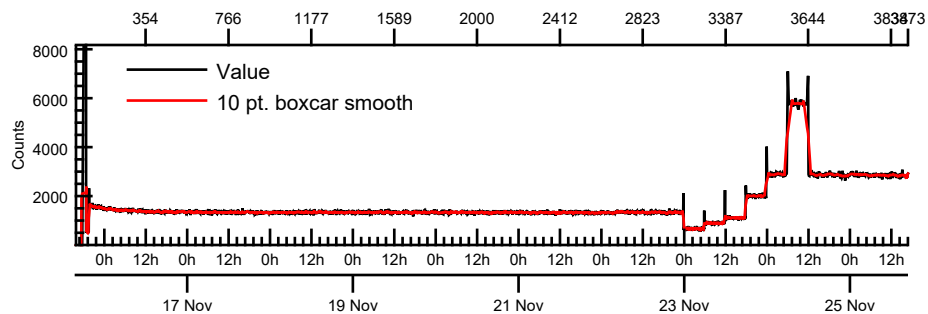
- Number of science records: 3874  
0 missing science packets with 0 gaps.  
Start/End: 2013-11-15T16:02:53 to 2013-11-25T17:05:02
- Number of SOH records: 24836  
1 missing SOH packets with 1 gaps.  
Start/End: 2013-11-15T15:49:15 to 2013-11-25T17:12:15
- Comments: Browse charts.
  - Provides an overview 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.
  - Missing data count may be in error when power on data are present.

- Number of states = 128
- Instrument settings for first state (STATE\_INDEX 24835):

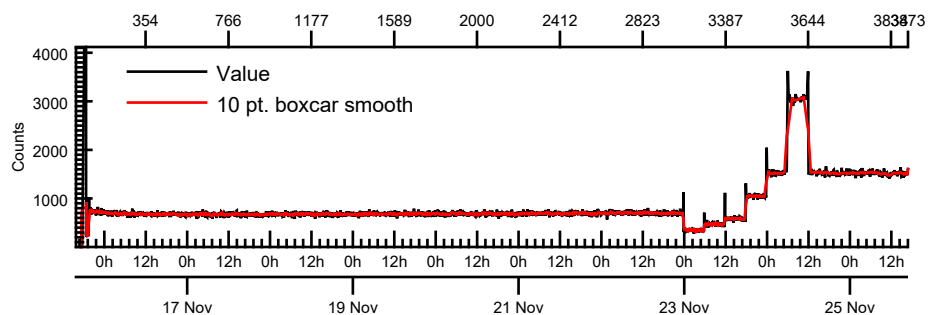
TELREADOUT	60	NEMG_TOT_EVTS	3876
TELSOH	60	NEMG_CZT_EVTS	2000
MODE	0	NEMN_TOT_EVTS	2800
HVPS1	0	L_BGO_CW	24
HVPS1_SET	0	H_BGO_CW	42
HVPS2	0	L_BGO_ROI	1
HVPS2_SET	0	H_BGO_ROI	64
HVPS3	0	L_BLP_MY_CW	15
HVPS3_SET	0	H_BLP_MY_CW	38
HVPS4	0	L_BLP_MY_ROI	1
HVPS4_SET	0	H_BLP_MY_ROI	64
HVPS5	0	L_BLP_PY_CW	12
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



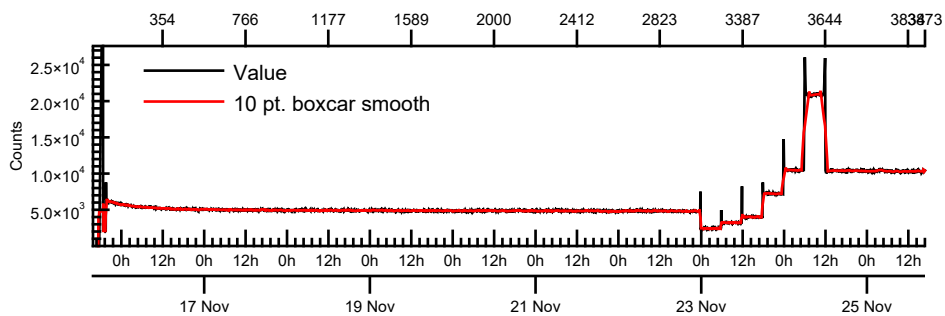
-Y BLP overload events



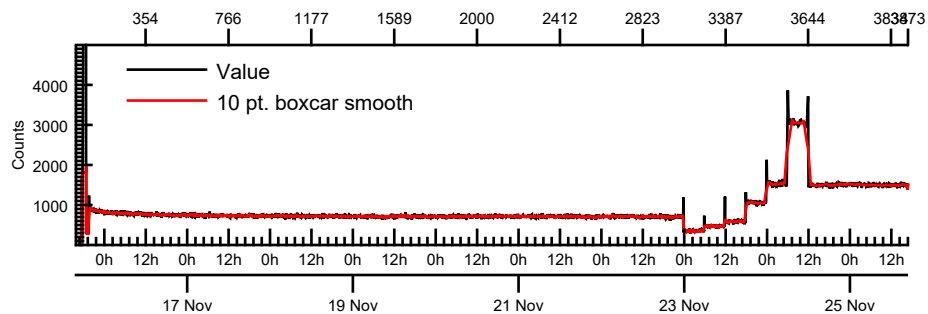
+Y BLP overload events

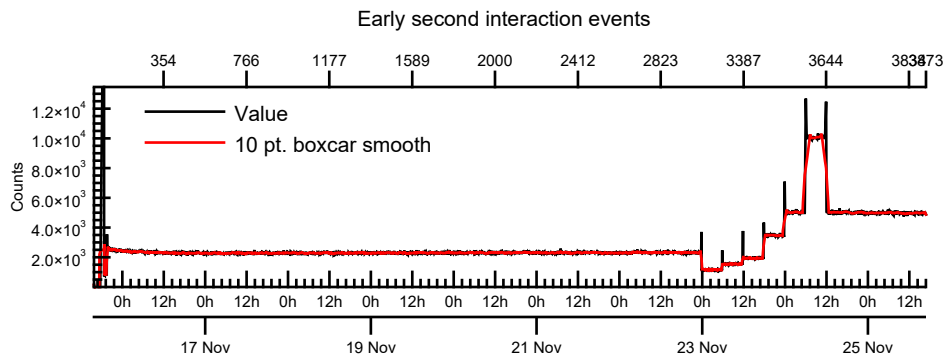
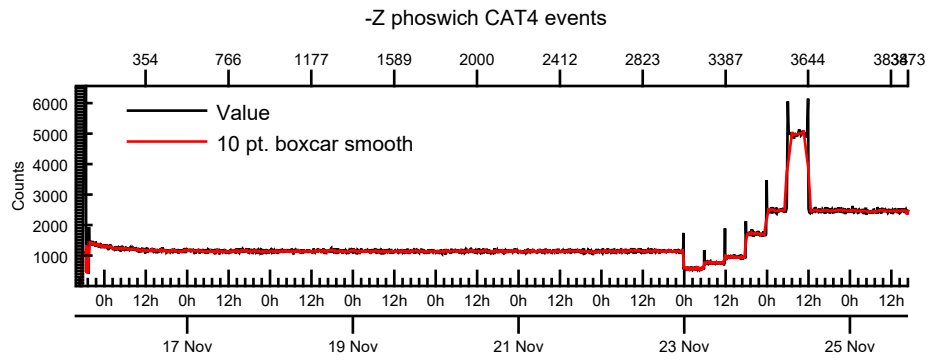
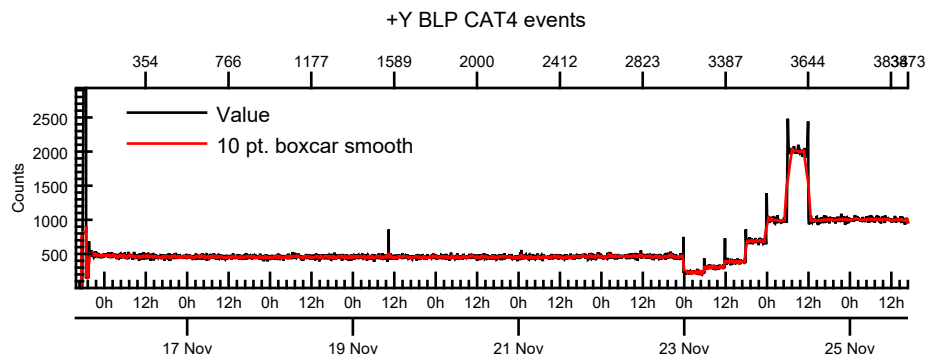
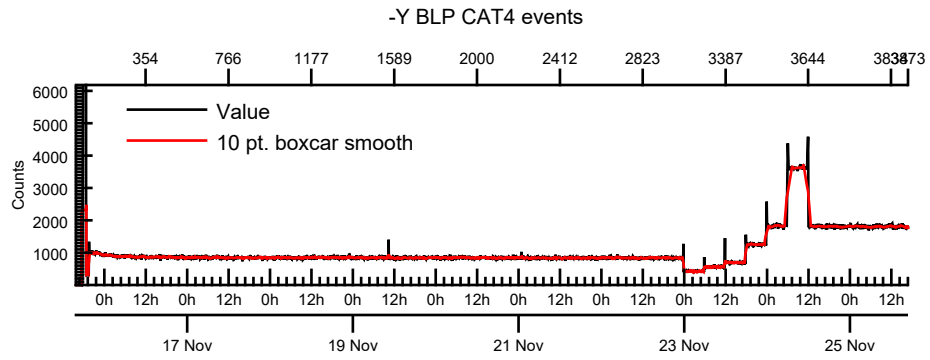


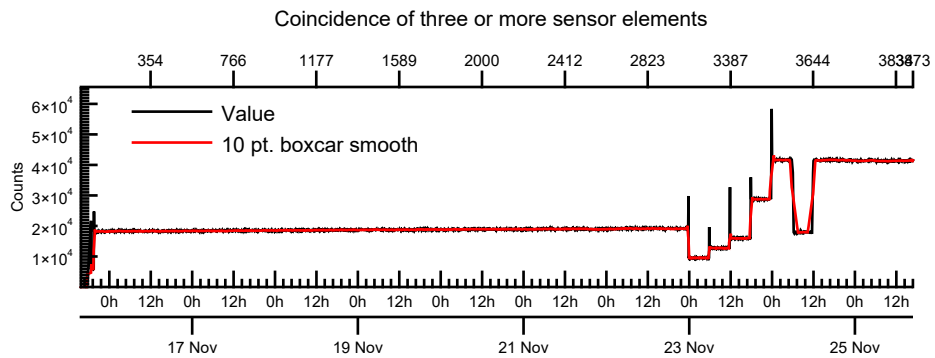
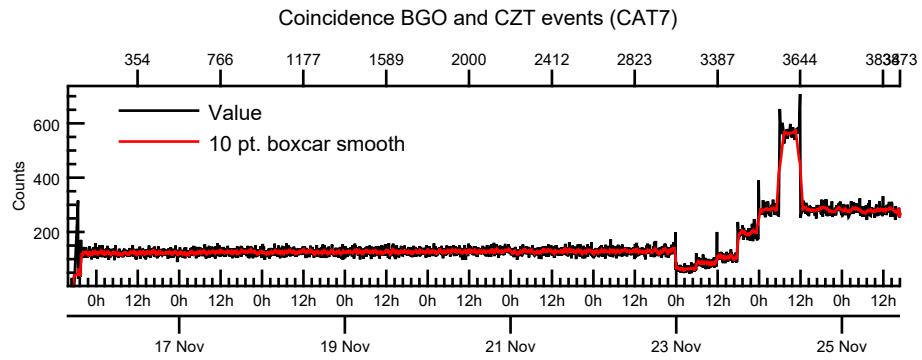
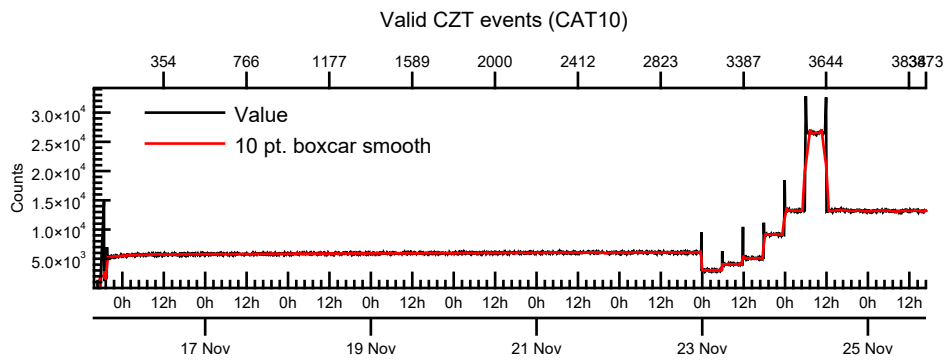
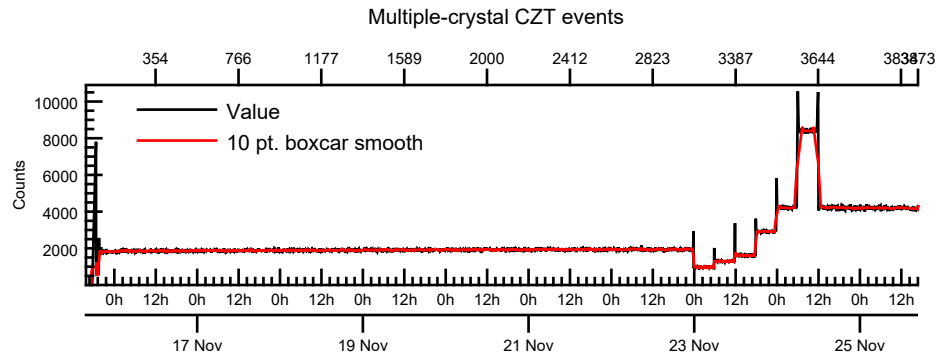
-Z phoswich overload events



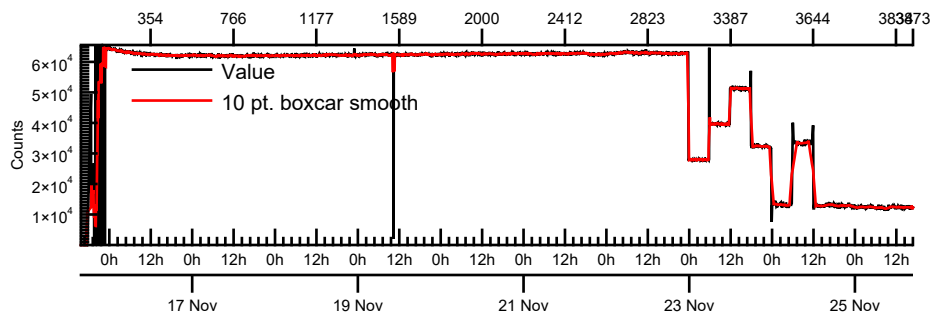
+Z phoswich CAT4 events



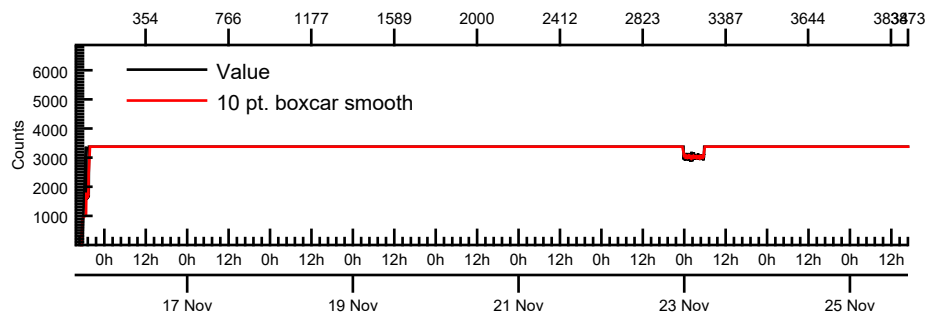




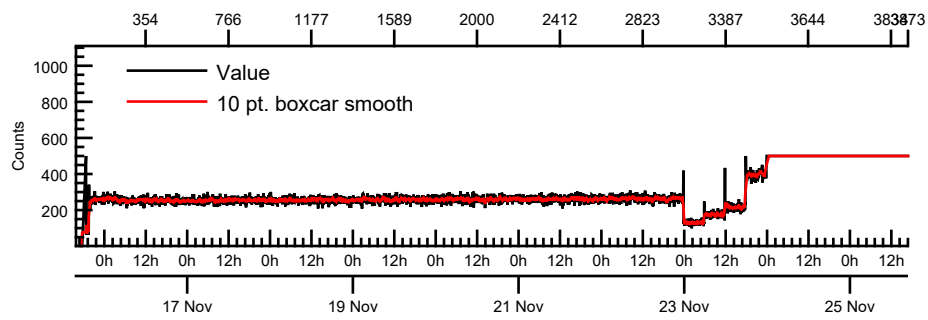
Total events processed by GRaND



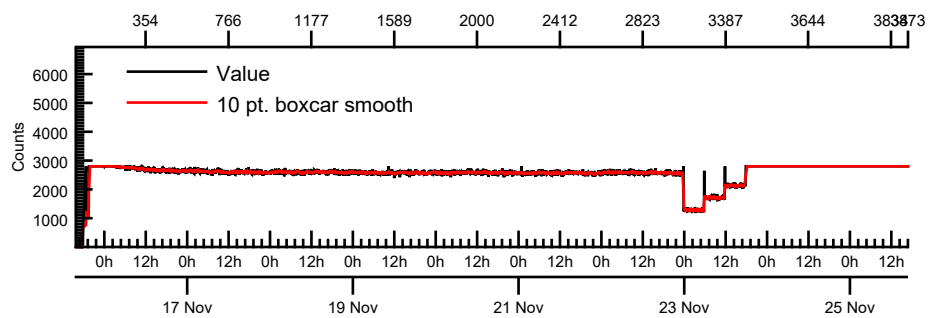
Number of single CZT events (CAT10) in the gamma ray event buffer

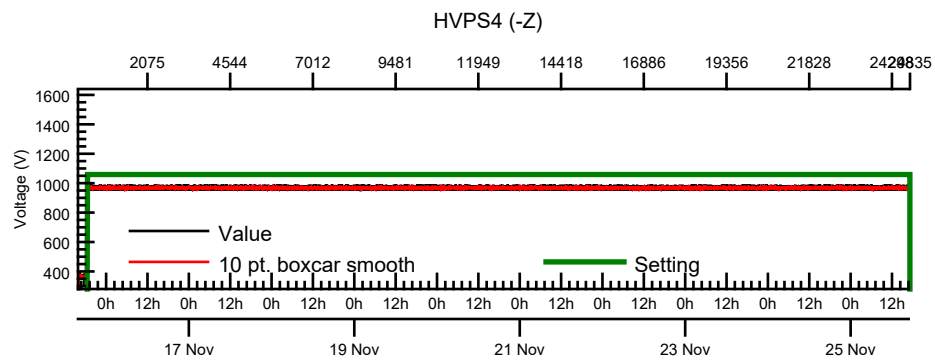
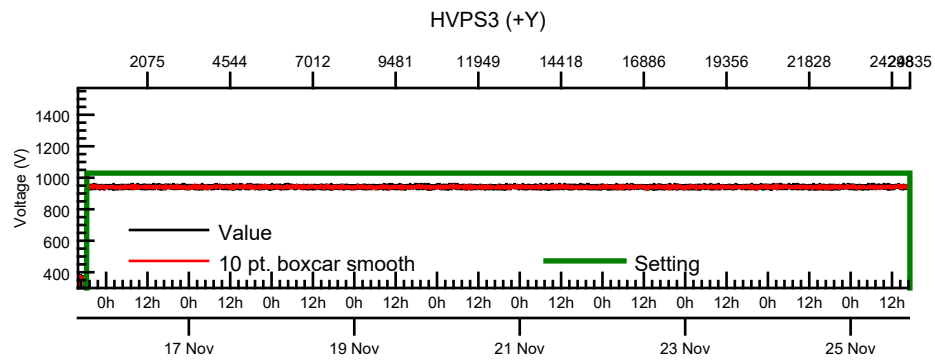
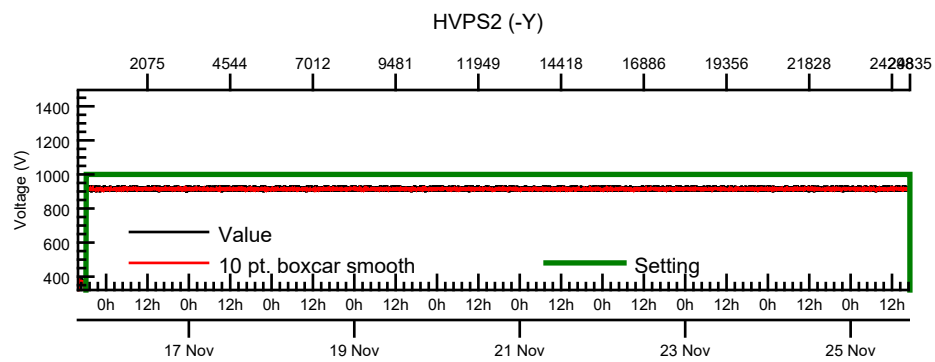
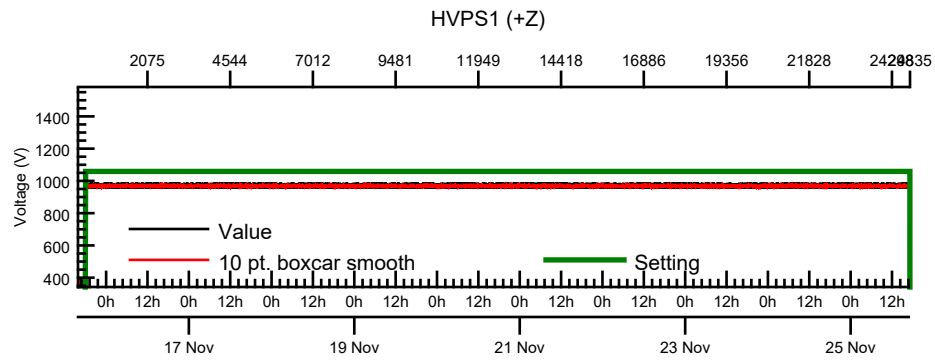


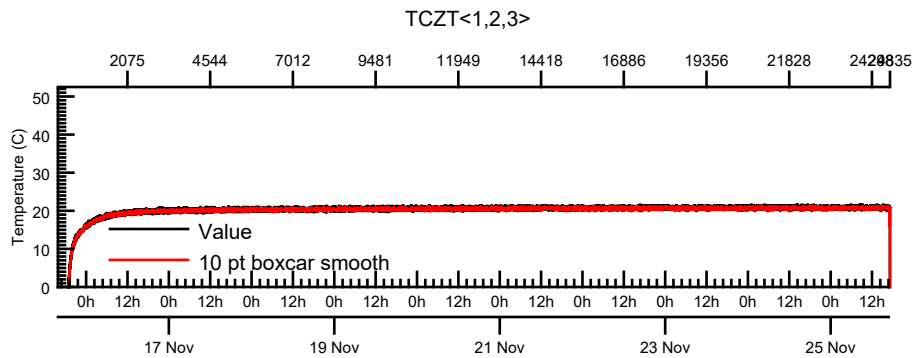
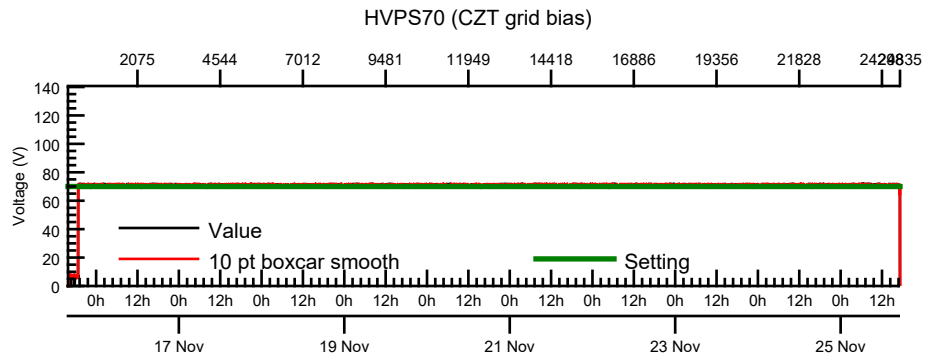
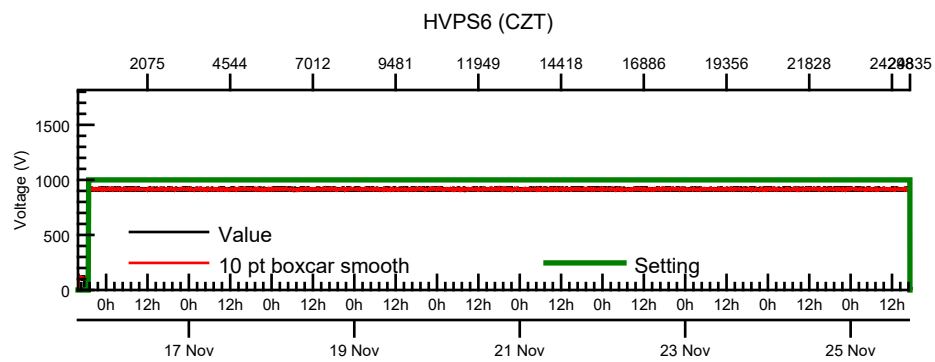
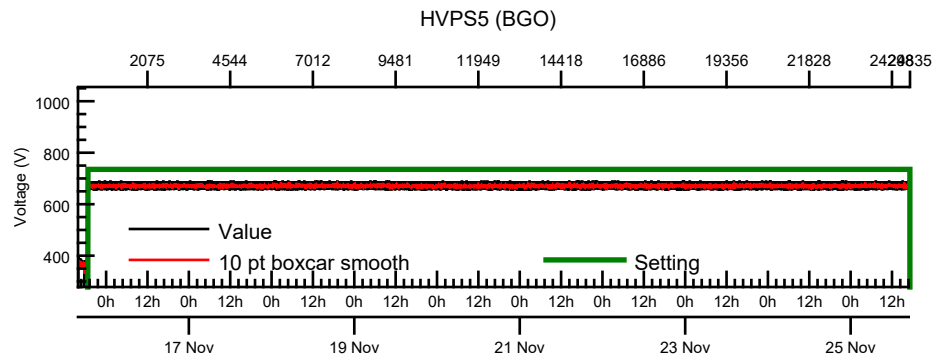
Number of BGO-CZT events (CAT7) in the gamma ray event buffer



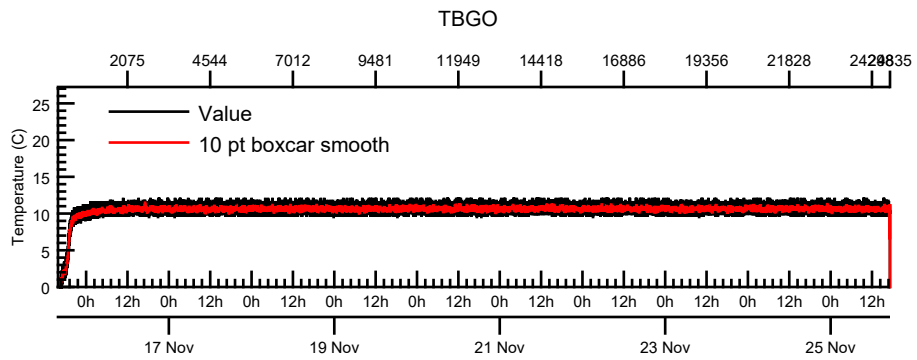
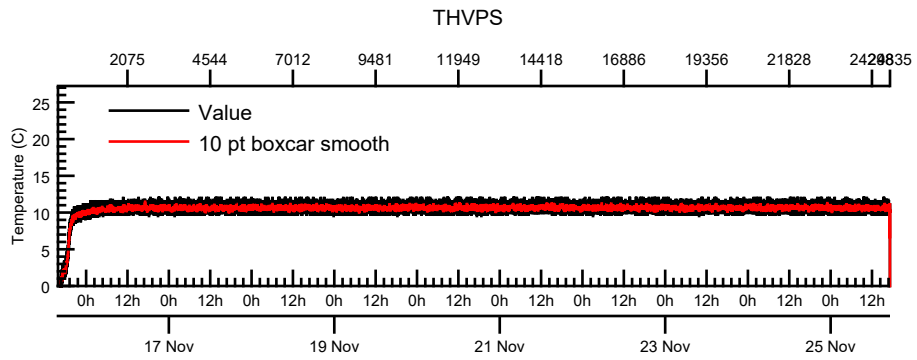
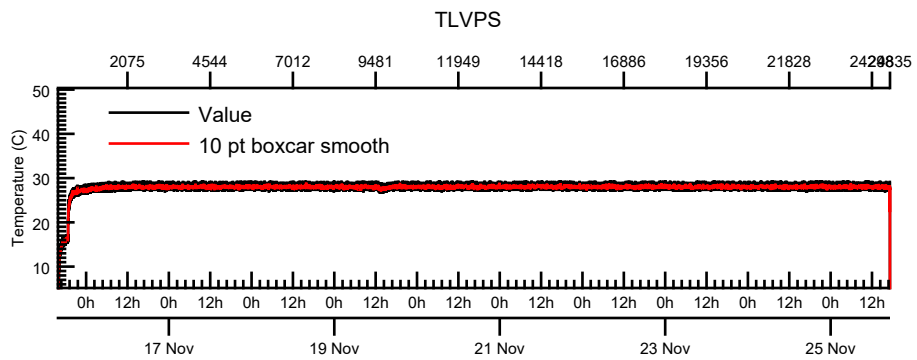
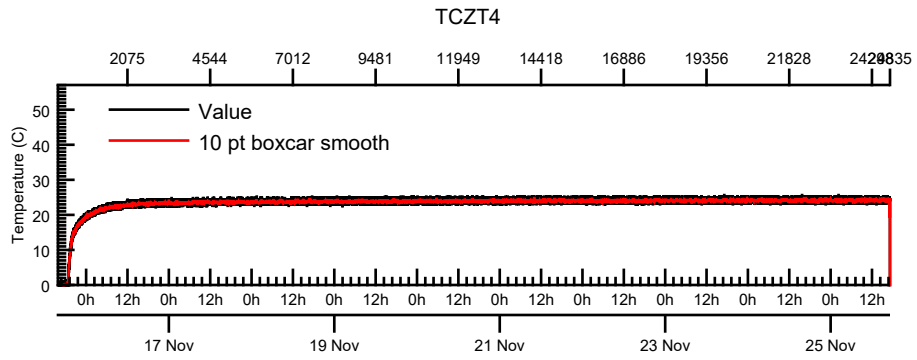
Number of events (CAT4) in the neutron event buffer

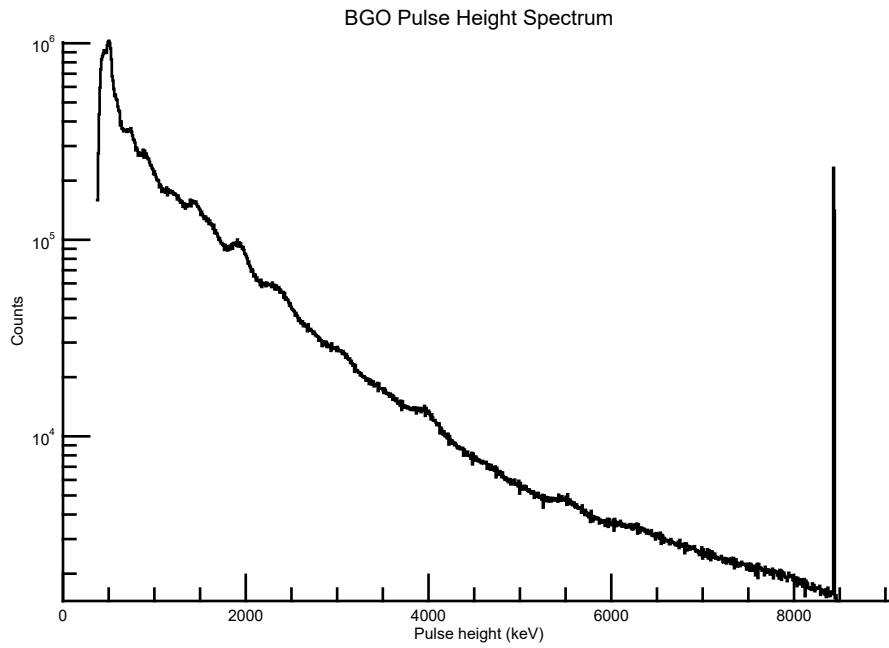
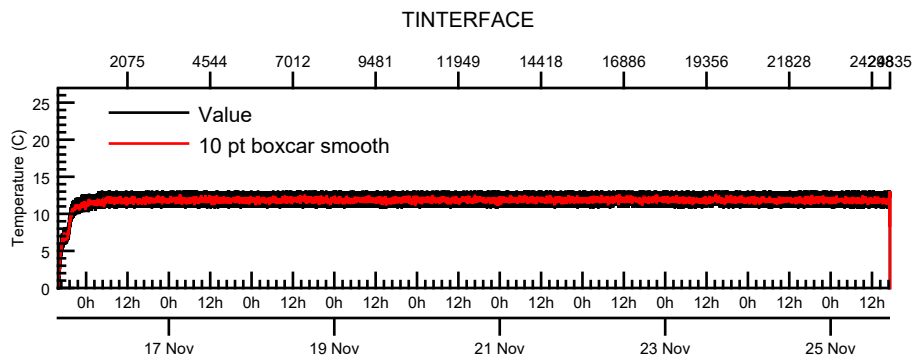
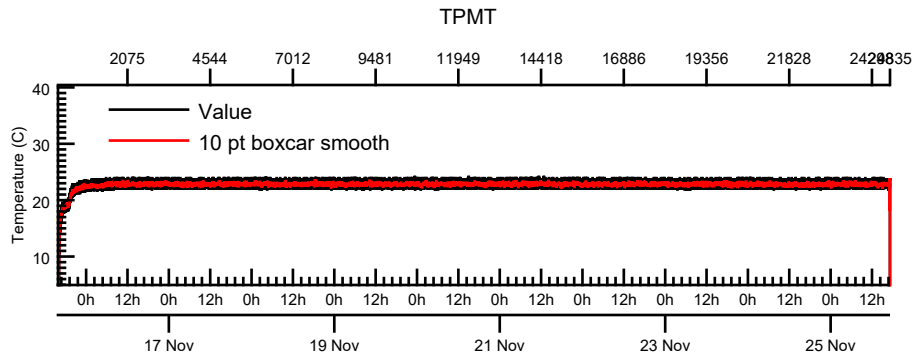




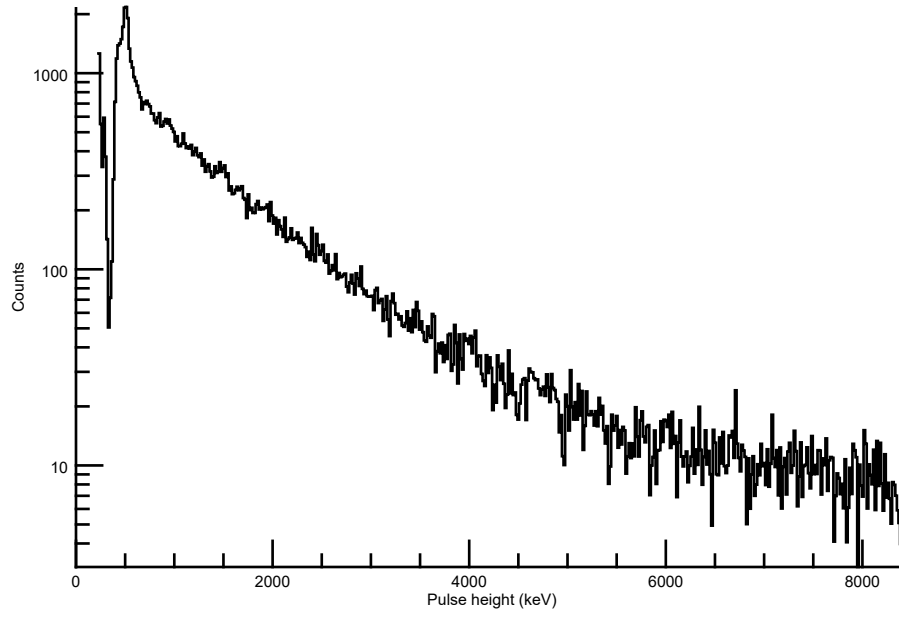




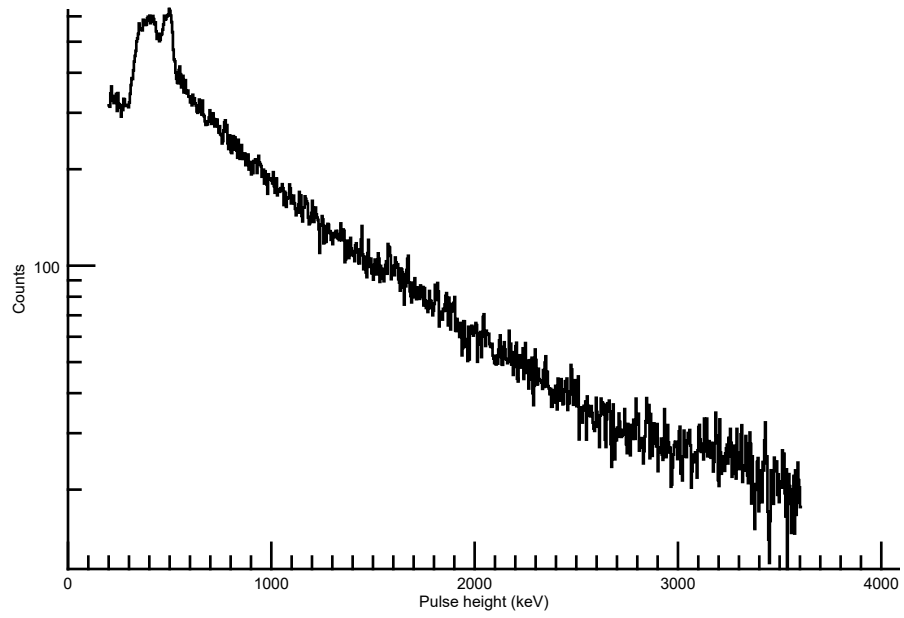




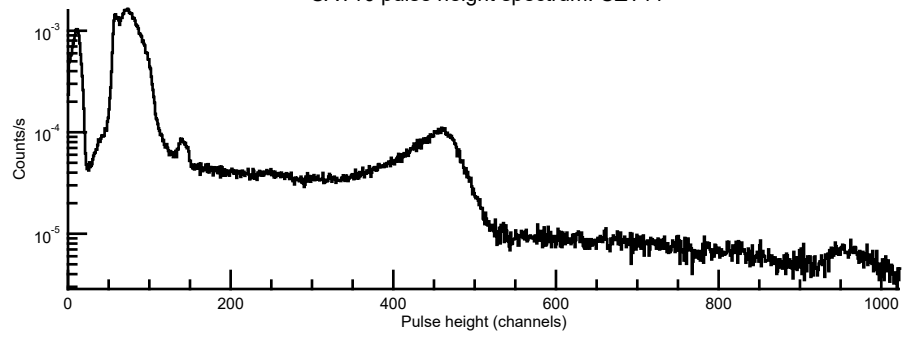
BGO-CZT pair spectrum: BGO



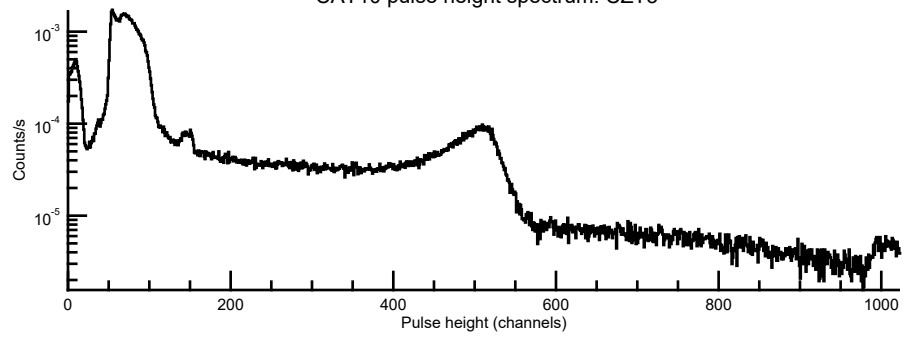
BGO-CZT pair spectrum: CZT



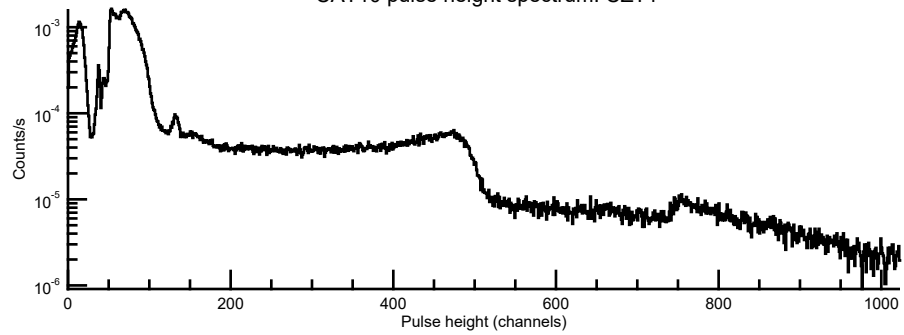
CAT10 pulse height spectrum: CZT11



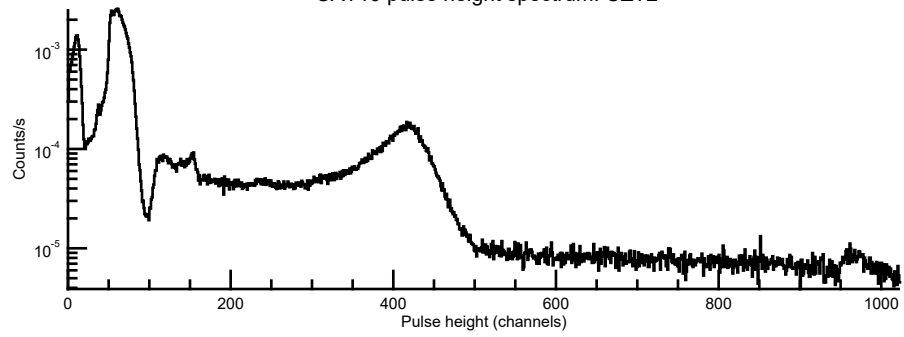
CAT10 pulse height spectrum: CZT3



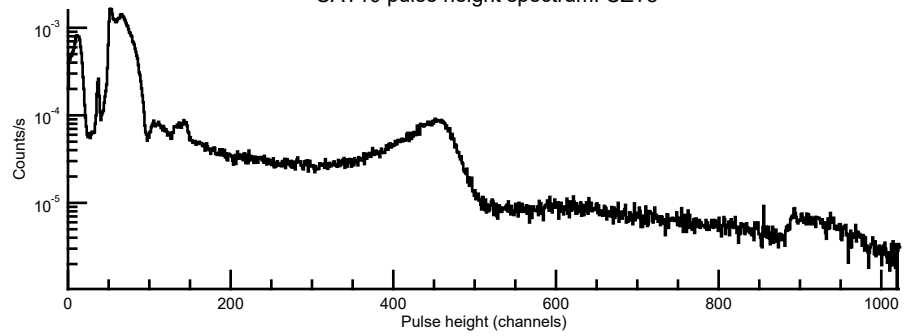
CAT10 pulse height spectrum: CZT1



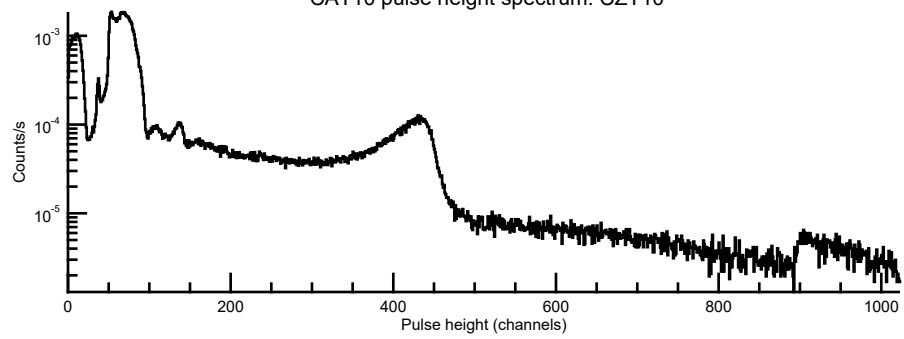
CAT10 pulse height spectrum: CZT2



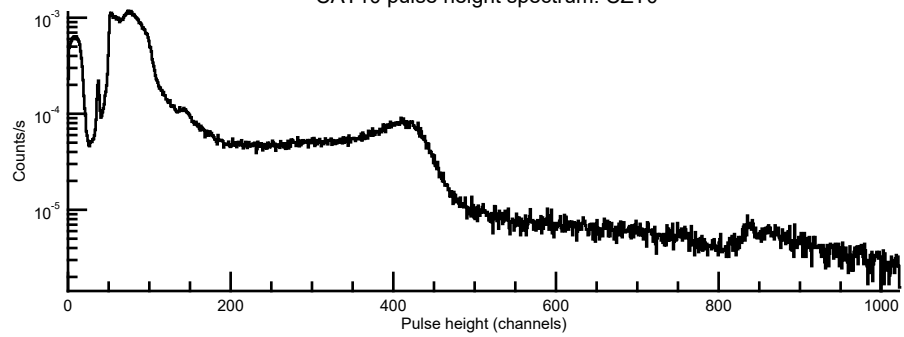
CAT10 pulse height spectrum: CZT8



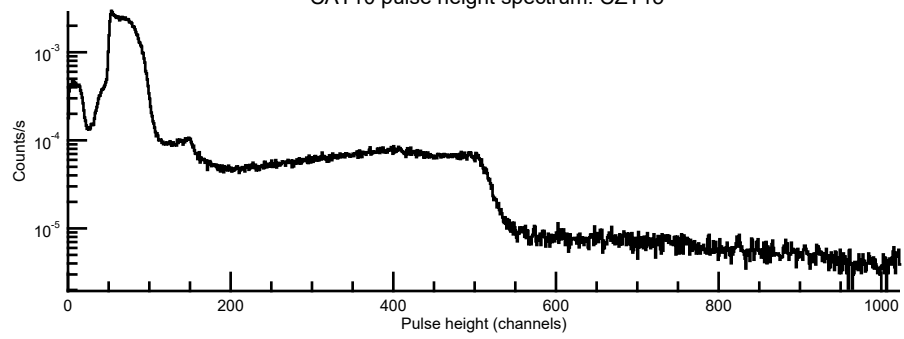
CAT10 pulse height spectrum: CZT10



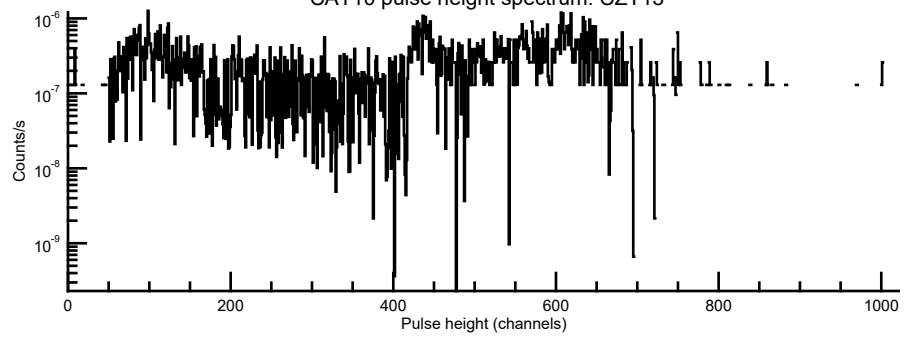
CAT10 pulse height spectrum: CZT0



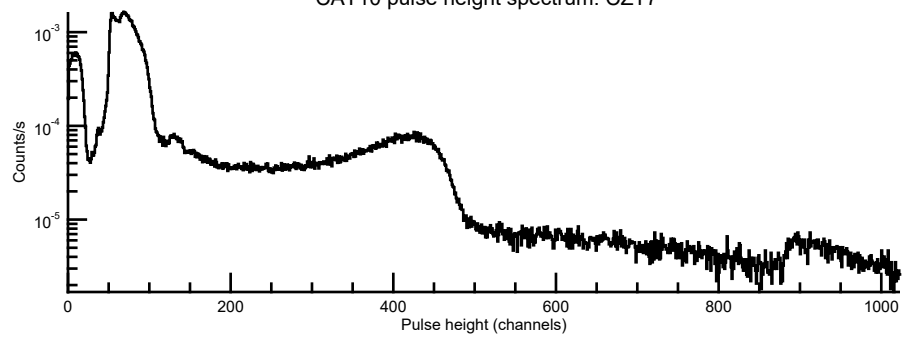
CAT10 pulse height spectrum: CZT15



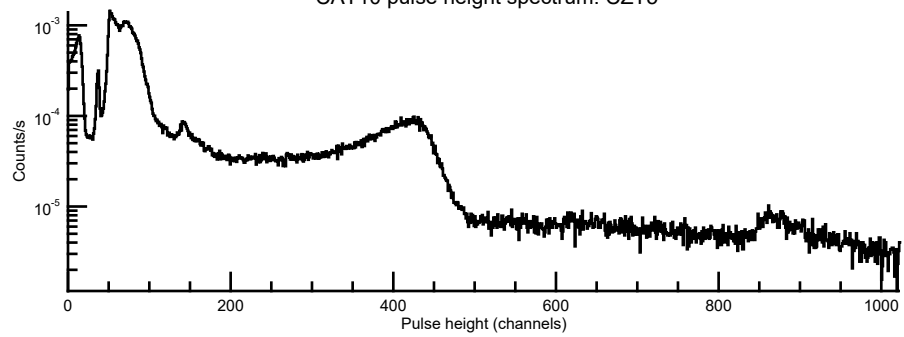
CAT10 pulse height spectrum: CZT13

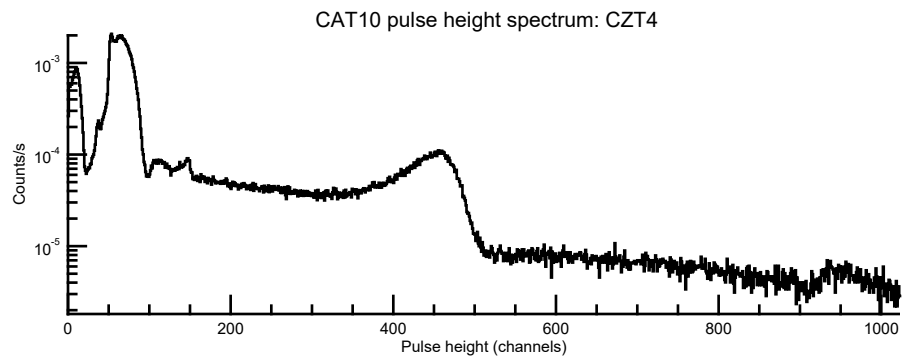
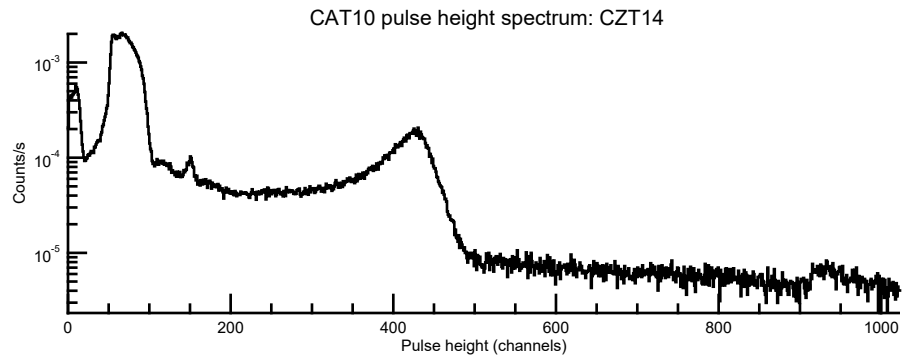
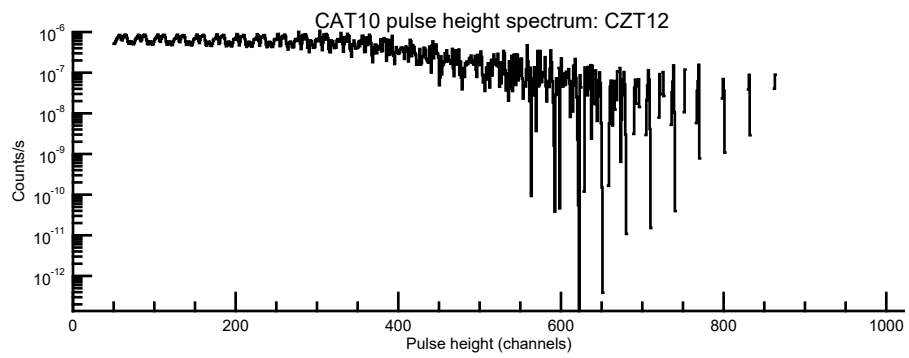
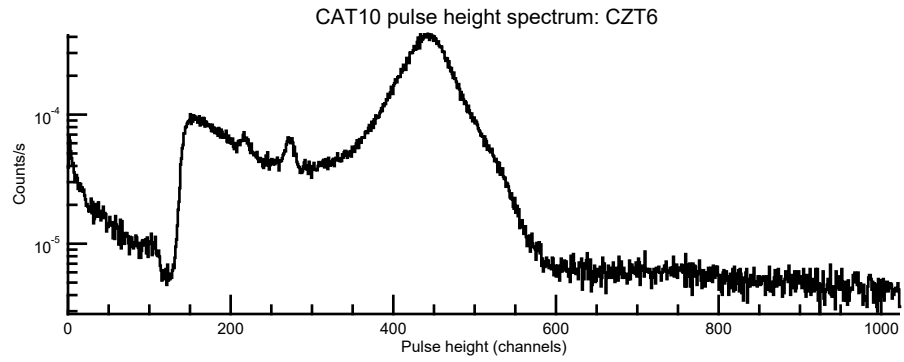


CAT10 pulse height spectrum: CZT7

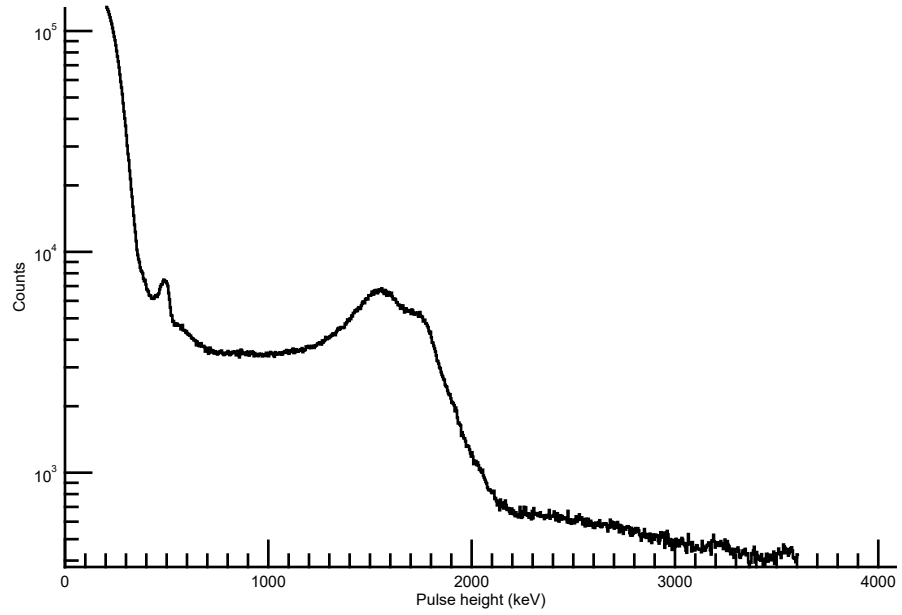


CAT10 pulse height spectrum: CZT5

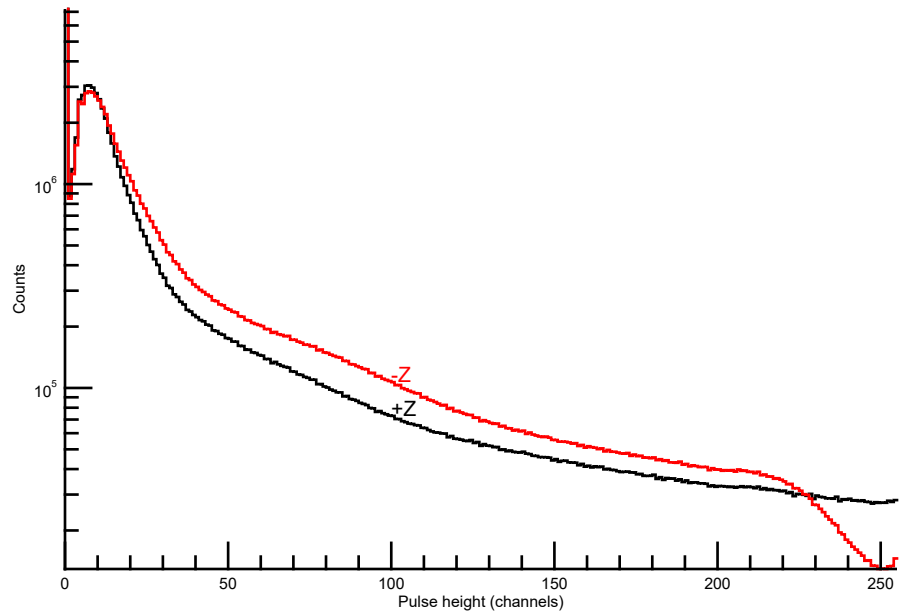




CAT10 CZT composite

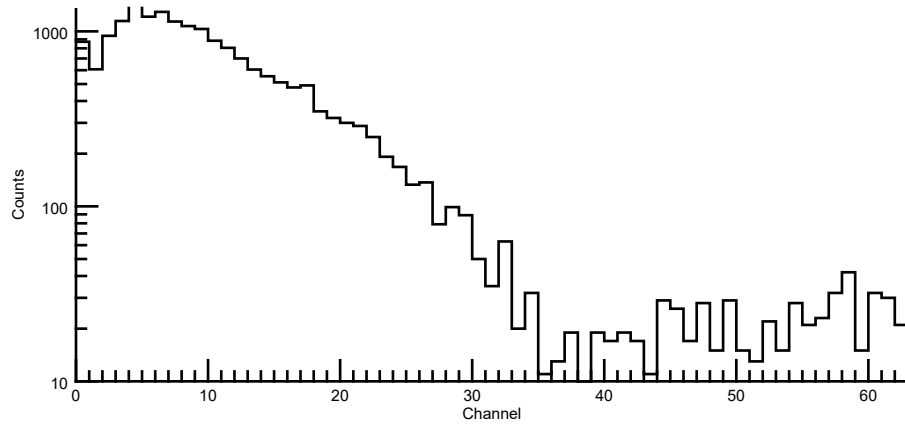


CAT1 histograms

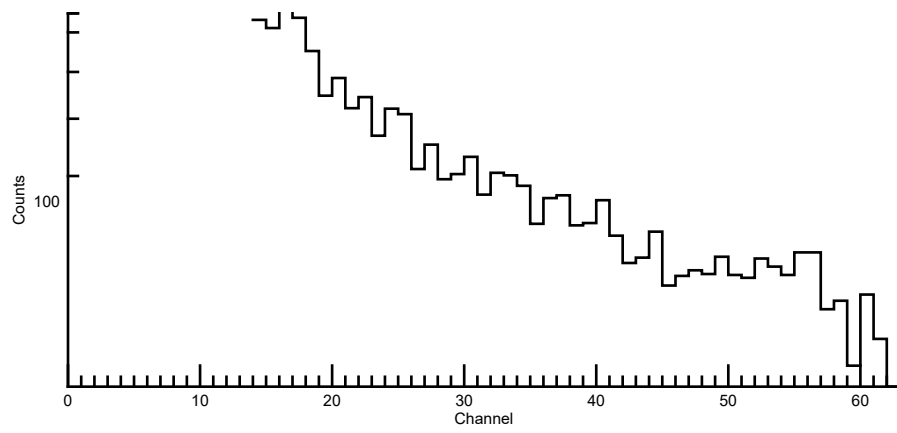




+Z BLP CAT4 first pulse



+Z BLP CAT4 second pulse



+Z BLP CAT4 time to second pulse

