

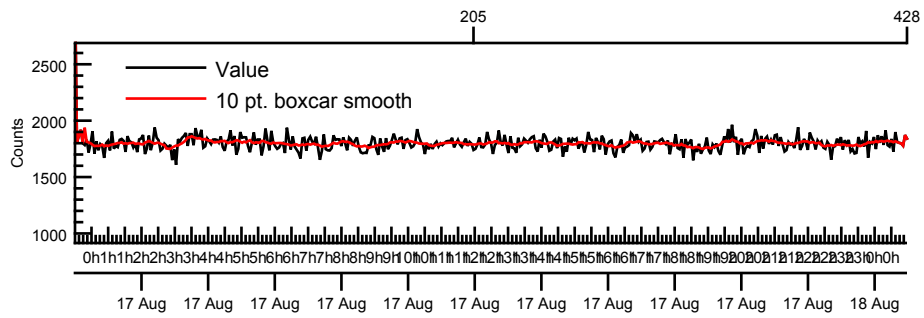
NASA Dawn Mission
GRaND@Ceres Browse Charts
 Ceres csh DA700 15229_0

- Number of science records: 429
 0 missing science packets with 0 gaps.
 Start/End: 2015-08-17T00:02:56 to 2015-08-18T01:00:56
- Number of SOH records: 17384
 0 missing SOH packets with 0 gaps.
 Start/End: 2015-08-17T00:00:34 to 2015-08-24T00:59:34
- 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.

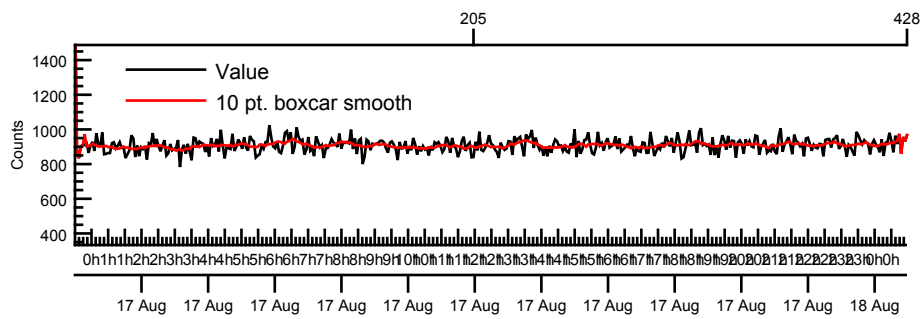
- Number of states = 3
- Instrument settings for first state (STATE_INDEX 2776):

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	185	H_BGO_CW	64
HVPS2	1	L_BGO_ROI	1
HVPS2_SET	173	H_BGO_ROI	64
HVPS3	1	L_BLP_MY_CW	1
HVPS3_SET	178	H_BLP_MY_CW	64
HVPS4	1	L_BLP_MY_ROI	1
HVPS4_SET	182	H_BLP_MY_ROI	64
HVPS5	1	L_BLP_PY_CW	1
HVPS5_SET	127	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

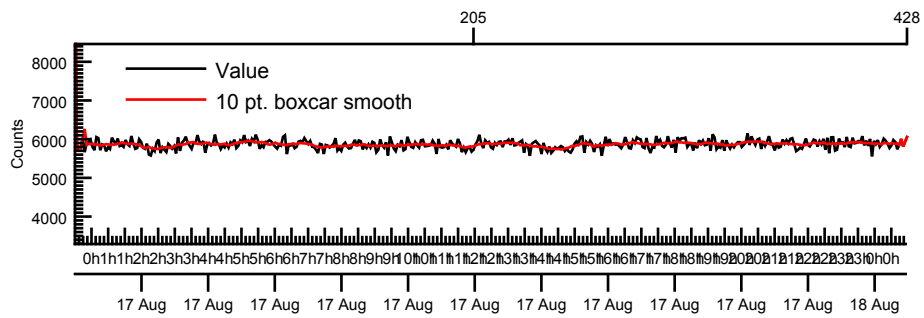
-Y BLP overload events



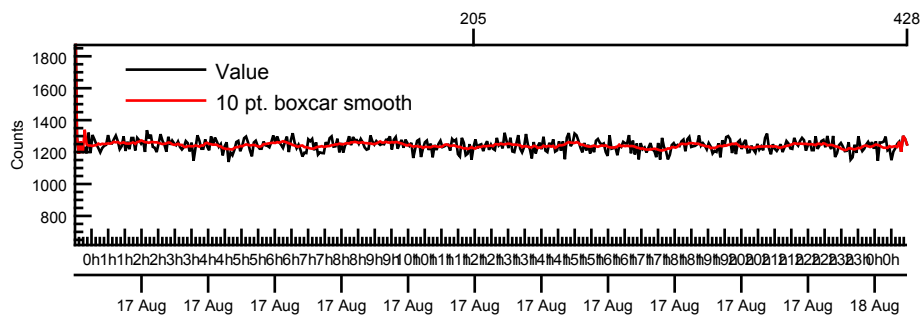
+Y BLP overload events



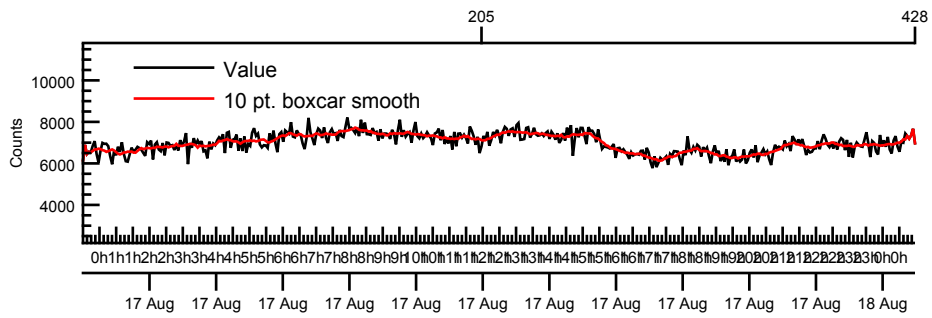
-Z phoswich overload events



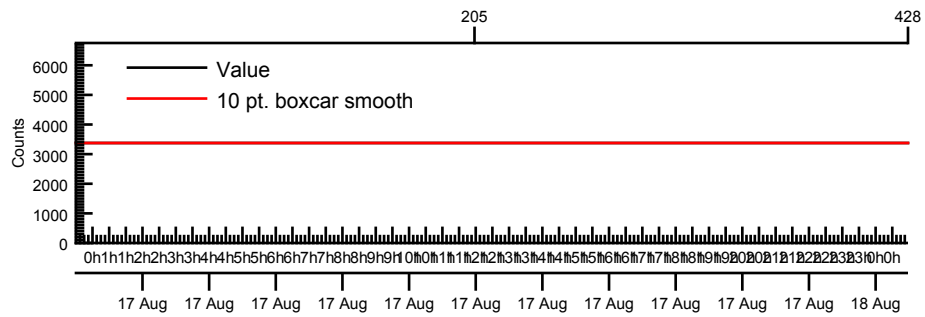
+Z phoswich CAT4 events



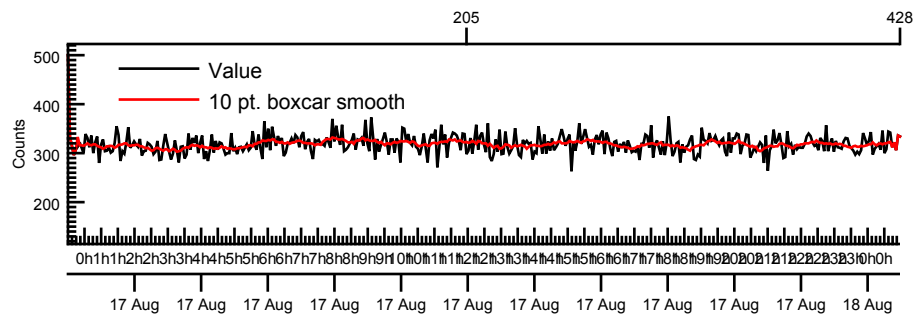
Total events processed by GRaND



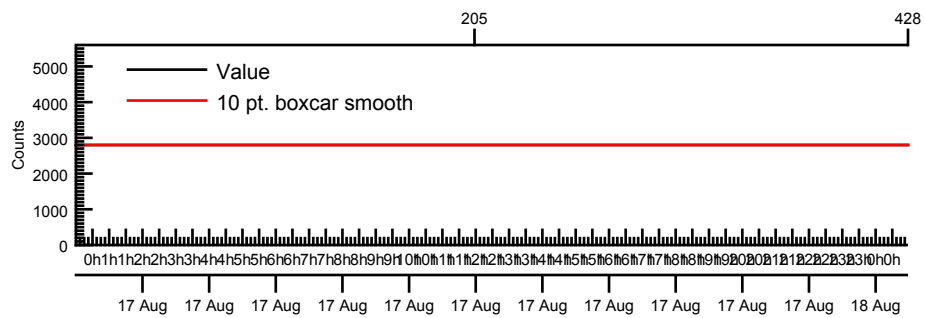
Number of single CZT events (CAT10) in the gamma ray event buffer

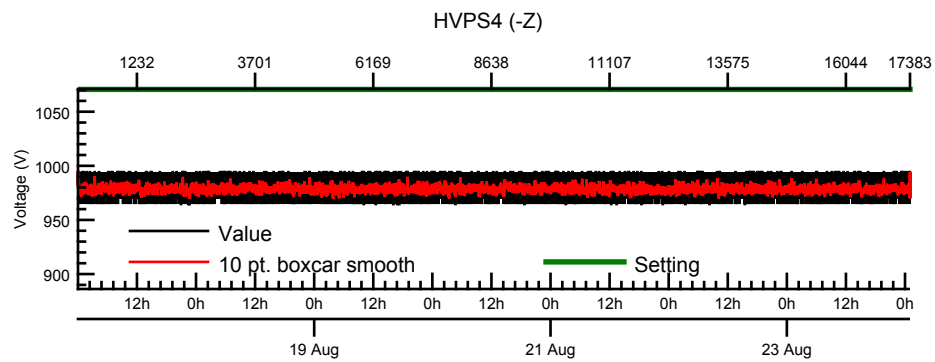
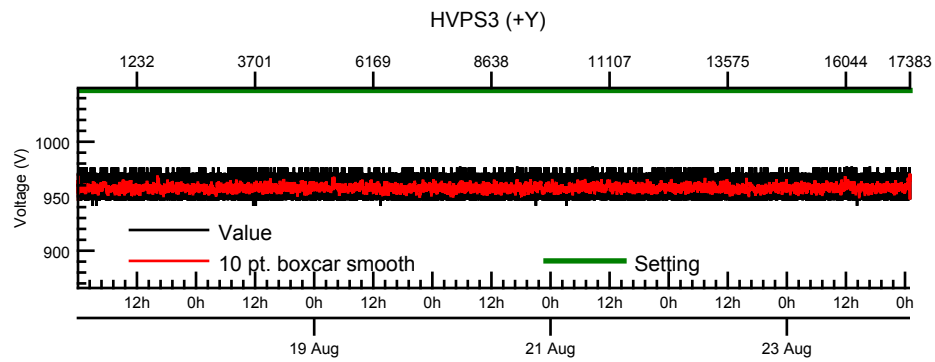
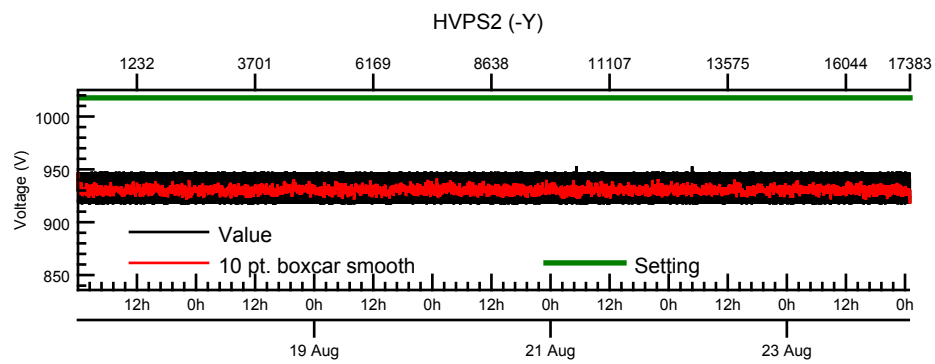
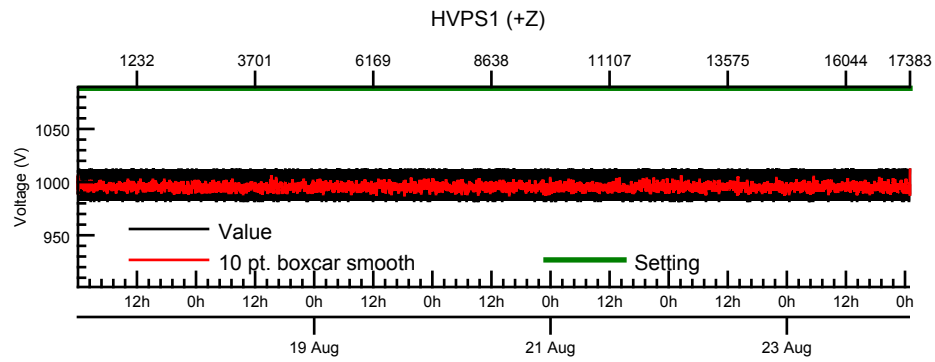


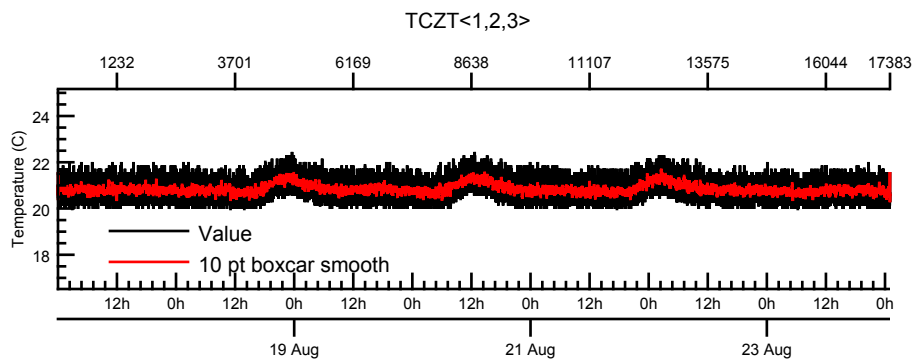
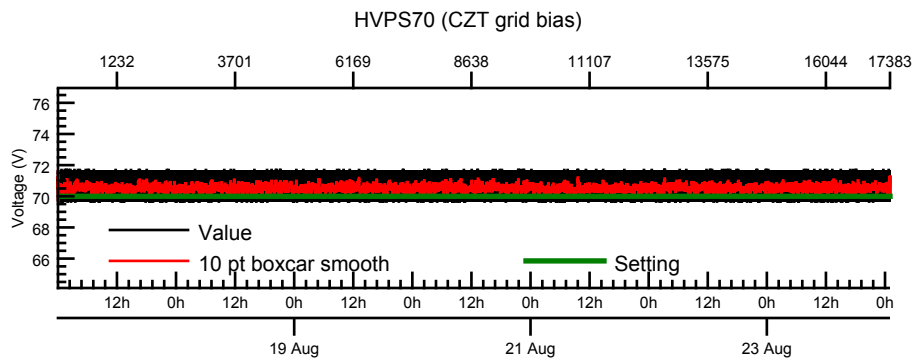
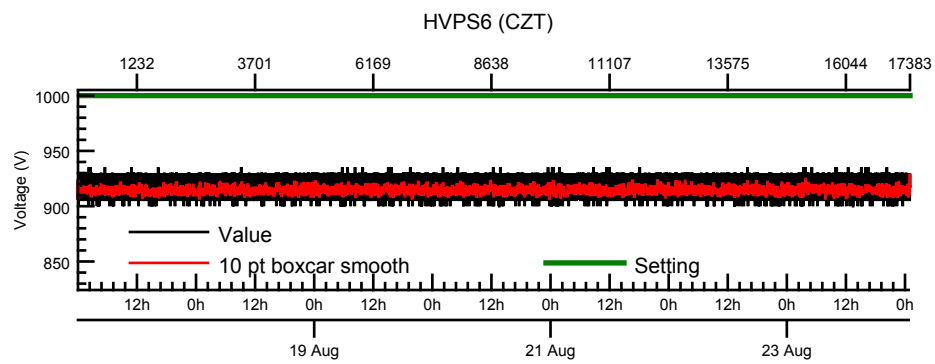
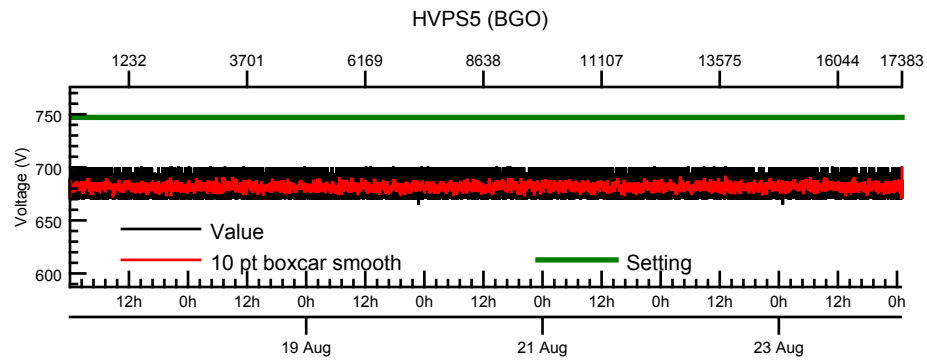
Number of BGO-CZT events (CAT7) in the gamma ray event buffer

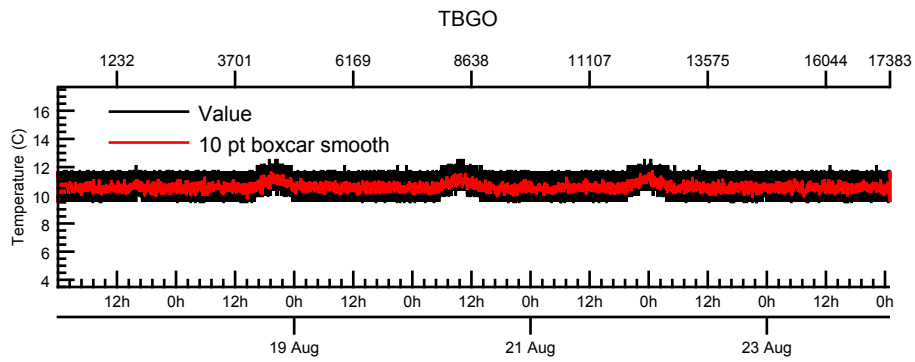
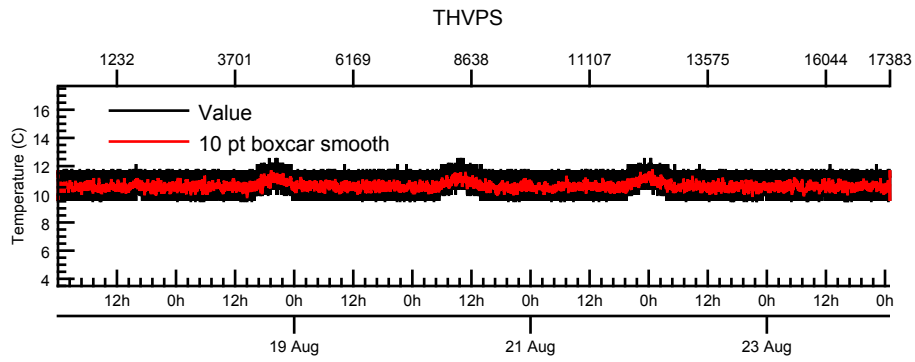
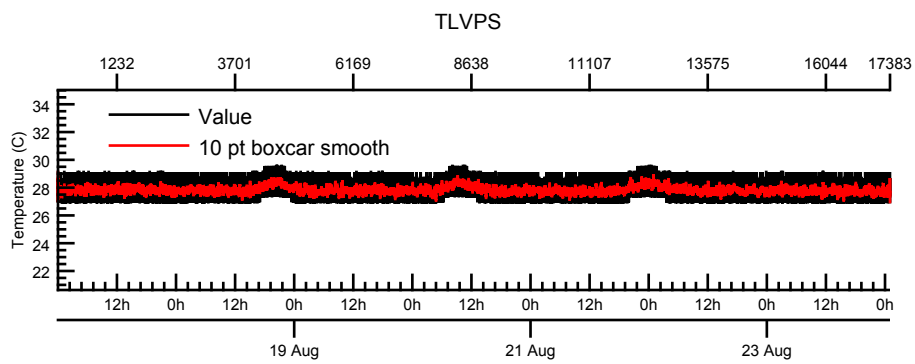
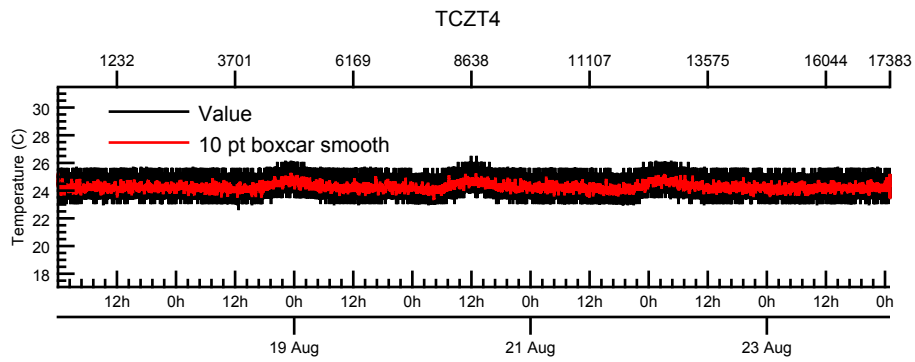


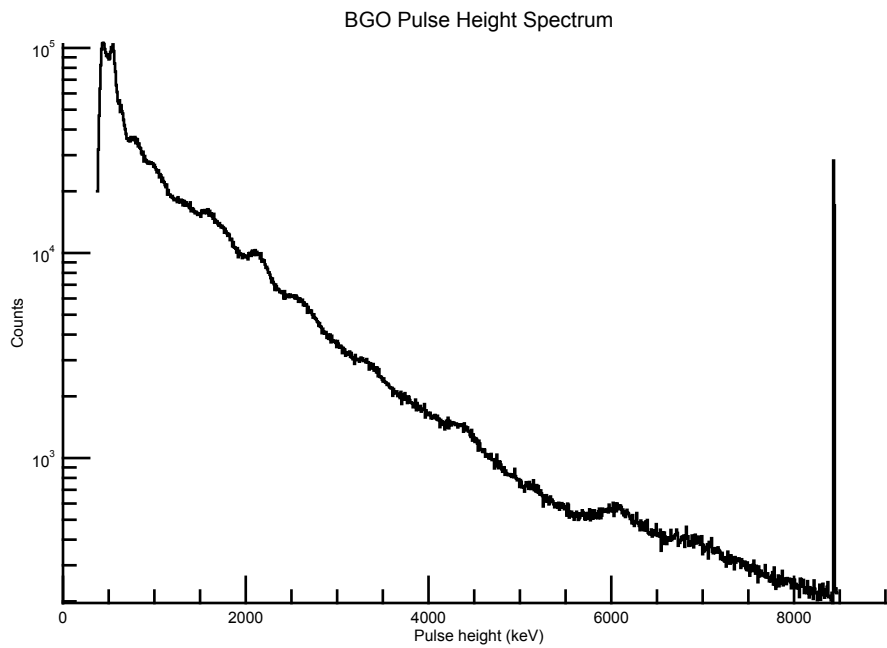
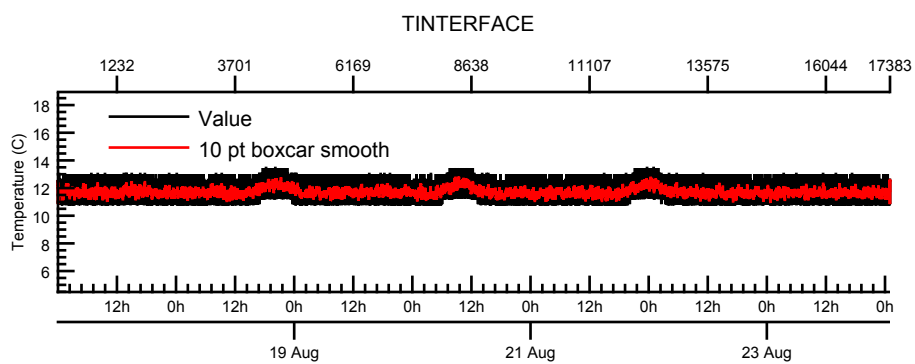
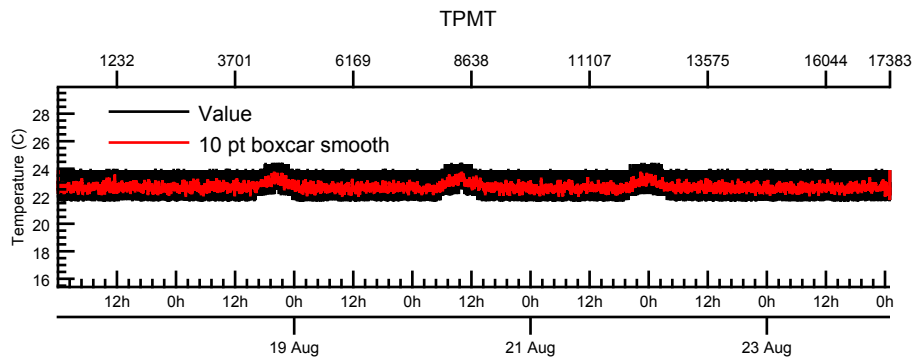
Number of events (CAT4) in the neutron event buffer



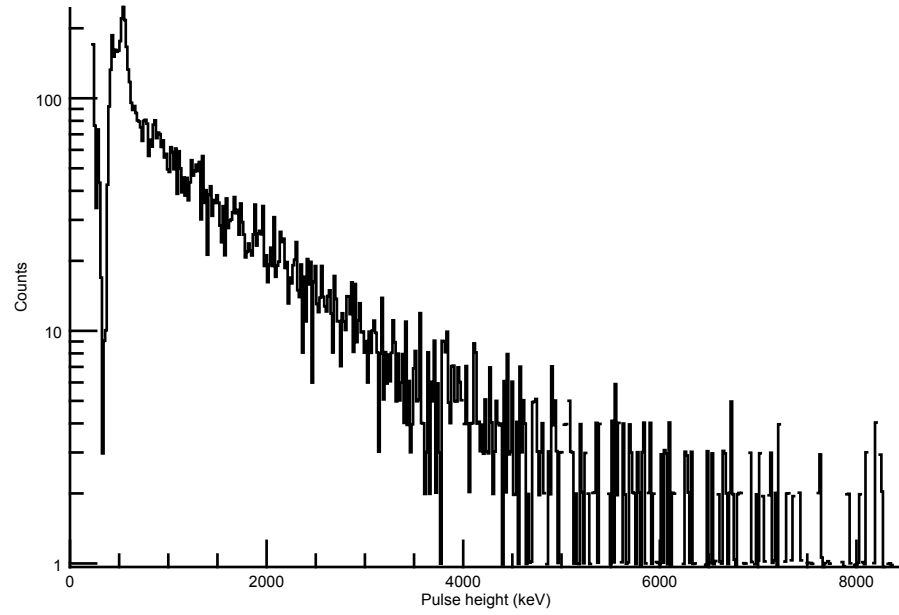




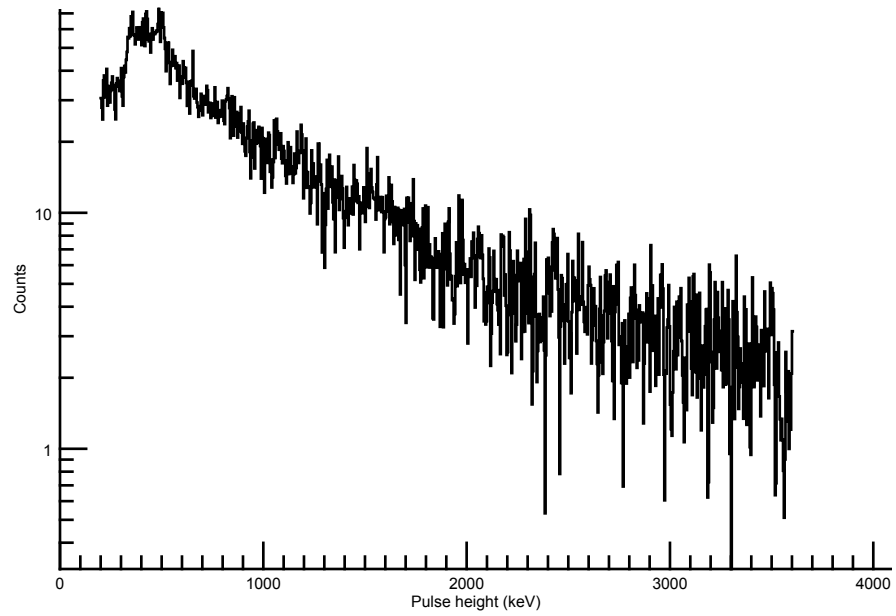




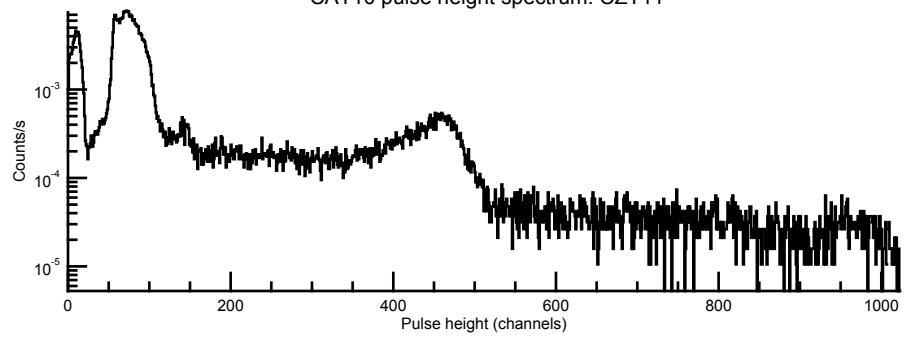
BGO-CZT pair spectrum: BGO



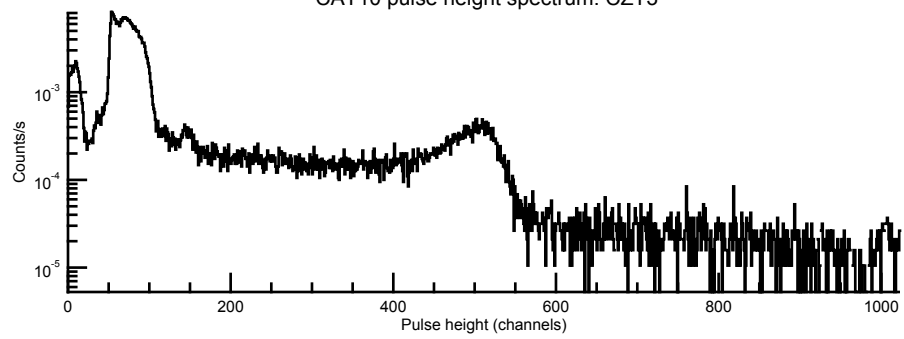
BGO-CZT pair spectrum: CZT



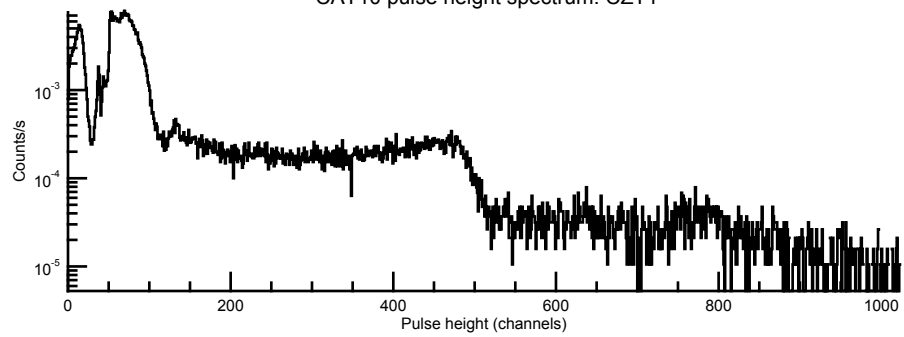
CAT10 pulse height spectrum: CZT11



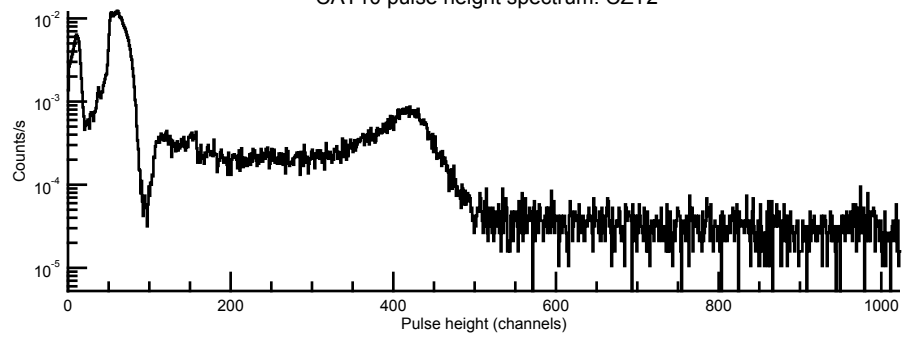
CAT10 pulse height spectrum: CZT3



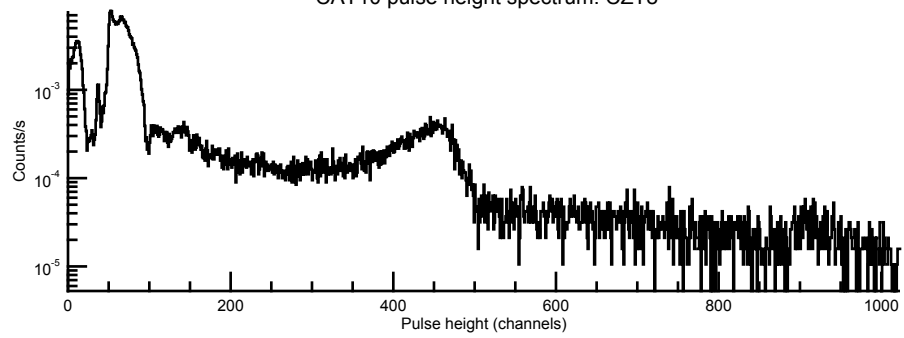
CAT10 pulse height spectrum: CZT1



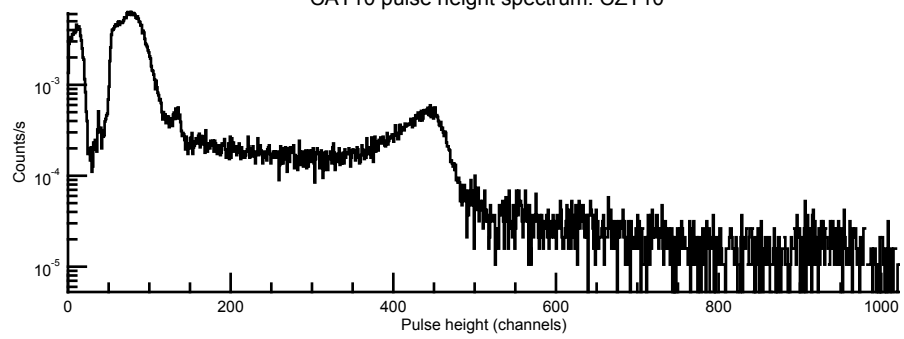
CAT10 pulse height spectrum: CZT2



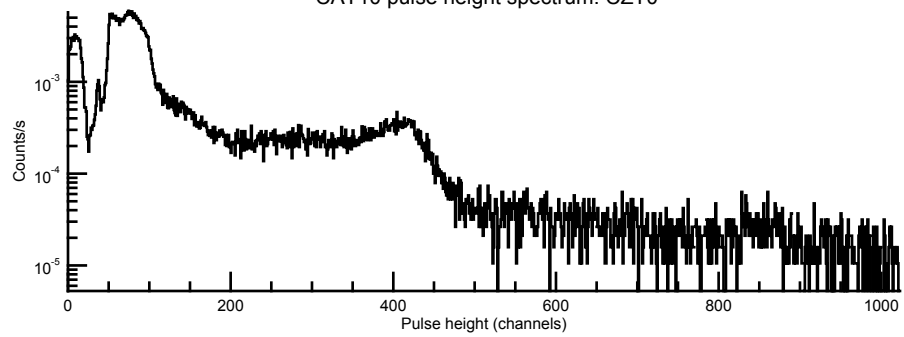
CAT10 pulse height spectrum: CZT8



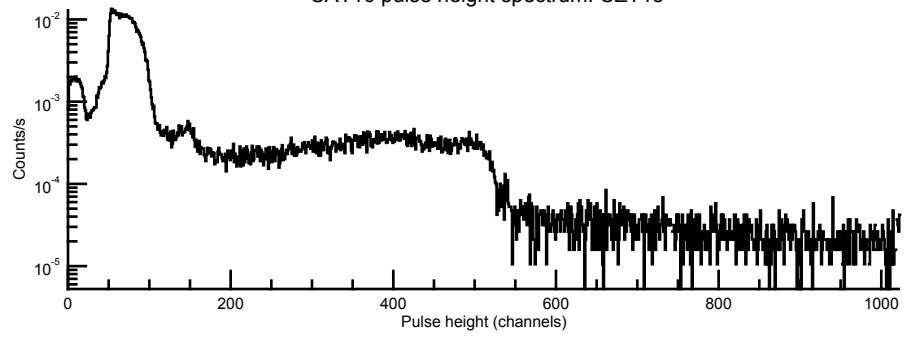
CAT10 pulse height spectrum: CZT10



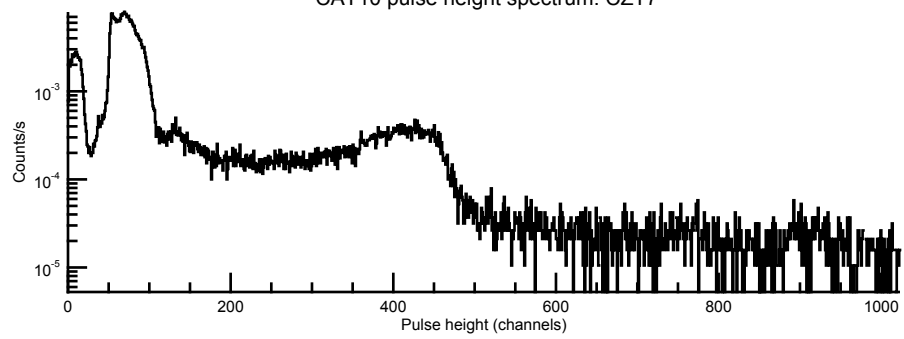
CAT10 pulse height spectrum: CZT0



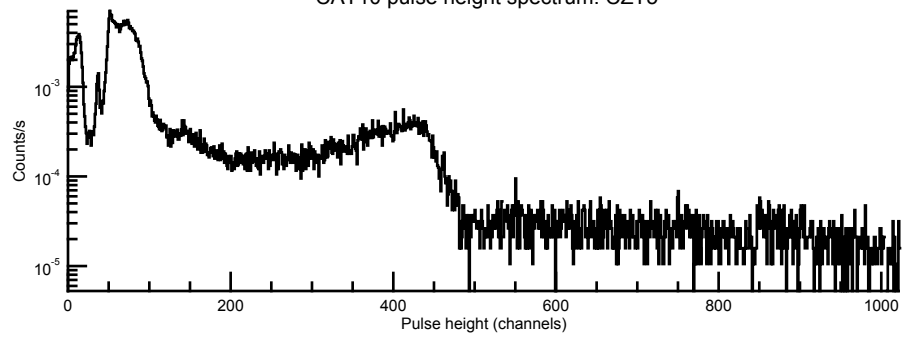
CAT10 pulse height spectrum: CZT15

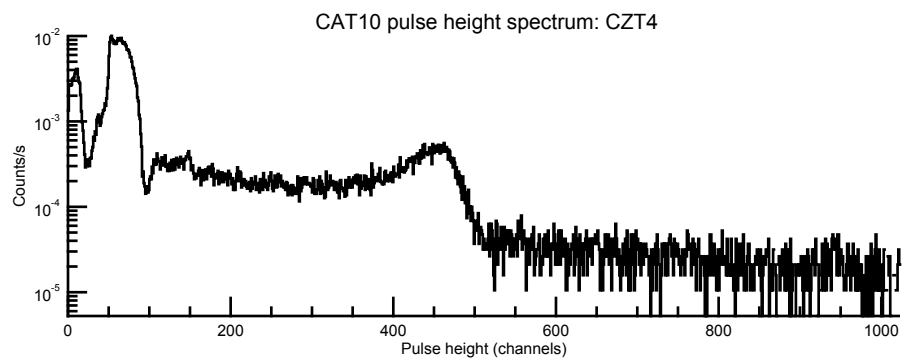
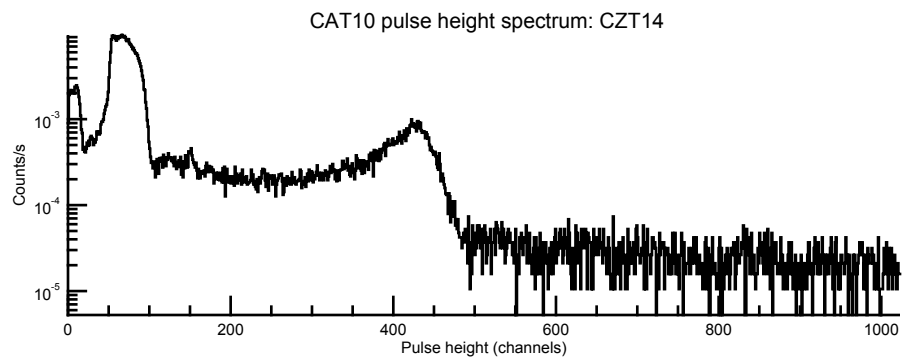
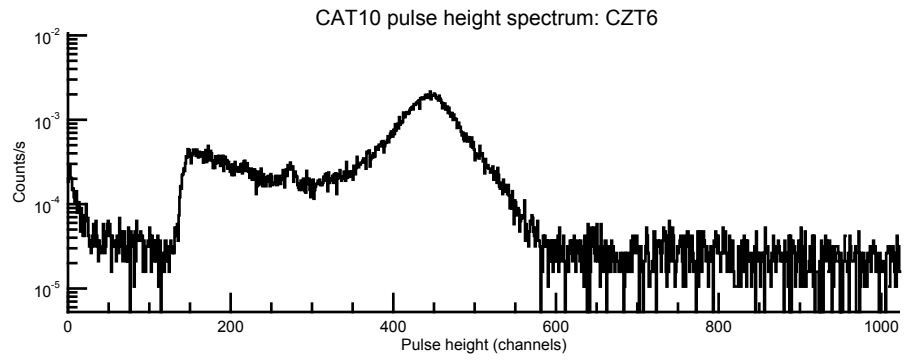


CAT10 pulse height spectrum: CZT7

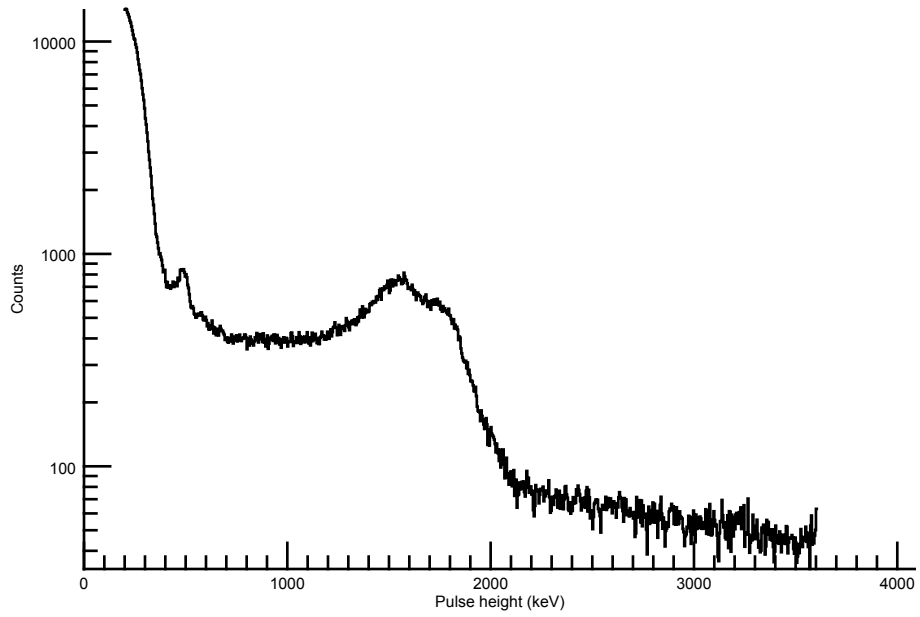


CAT10 pulse height spectrum: CZT5

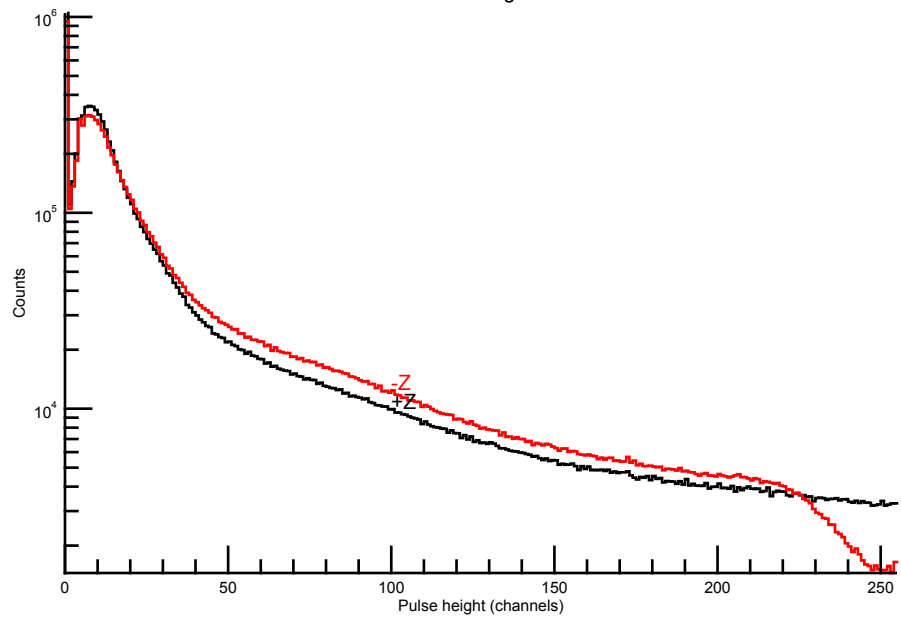




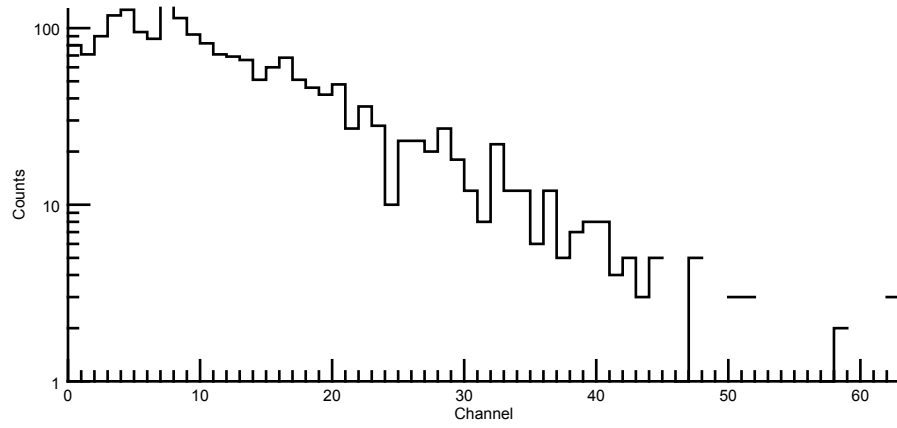
CAT10 CZT composite



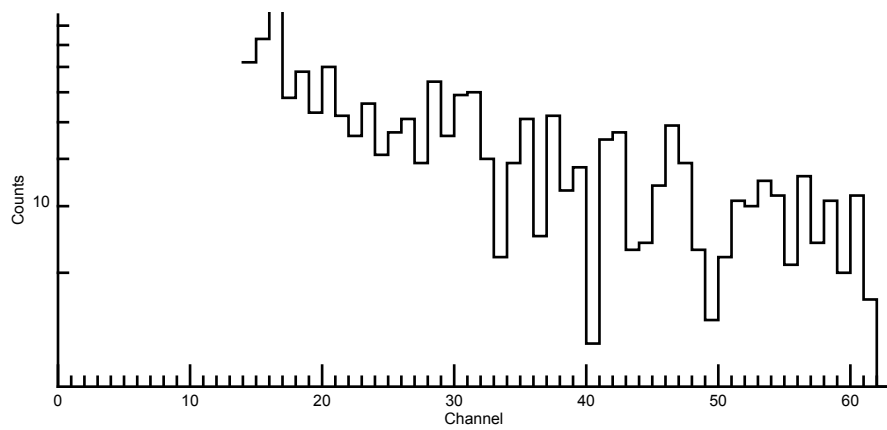
CAT1 histograms



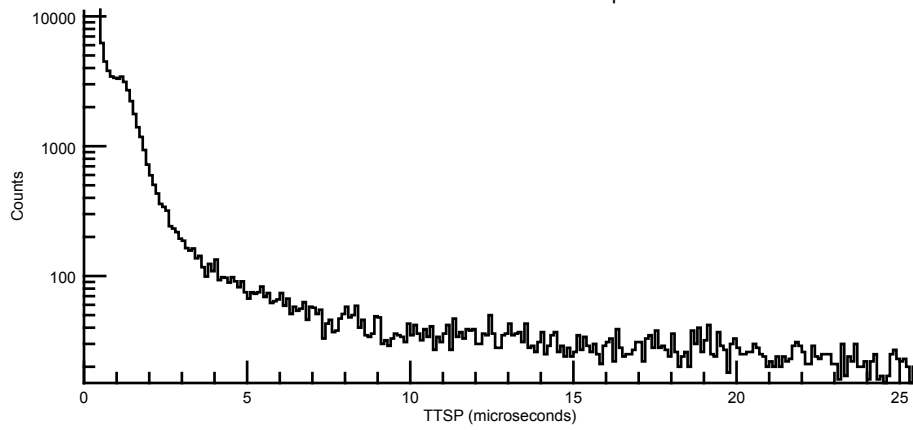
+Z BLP CAT4 first pulse

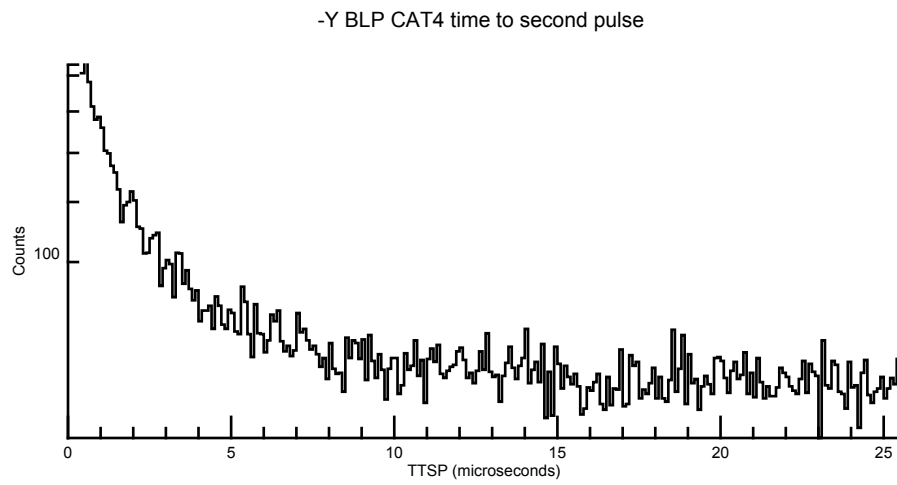
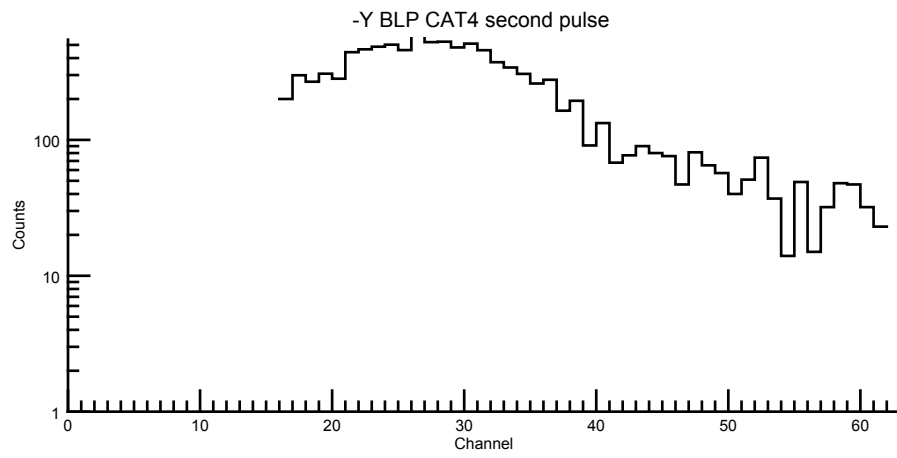
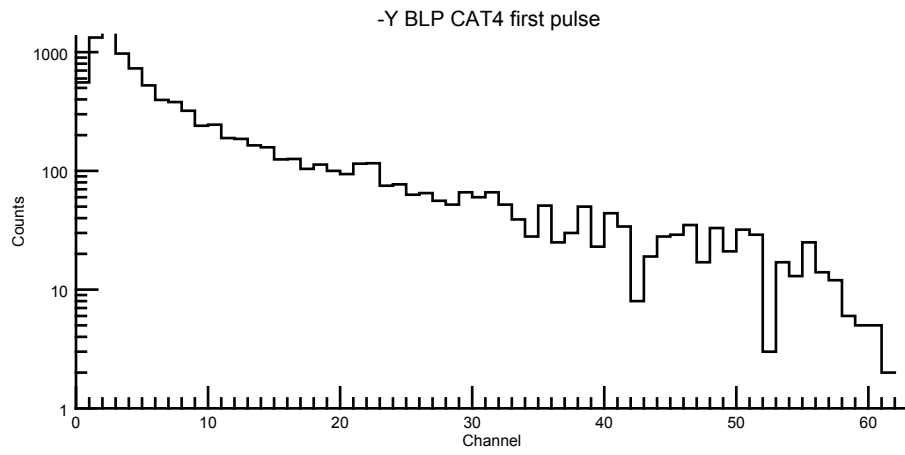


+Z BLP CAT4 second pulse

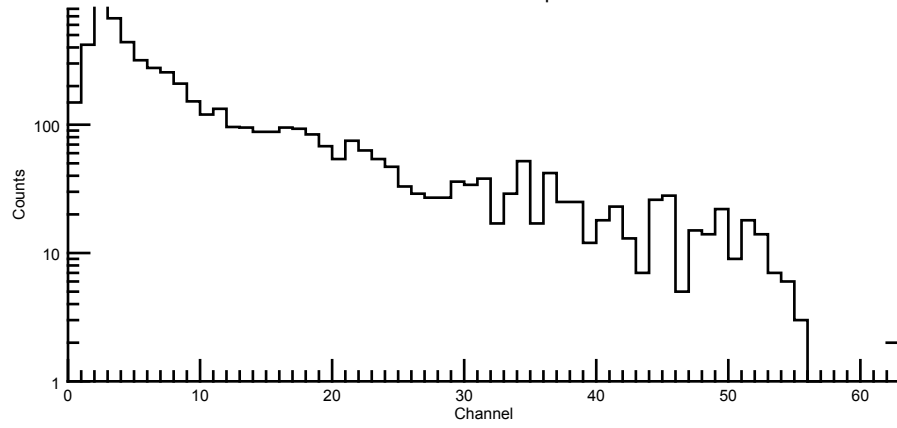


+Z BLP CAT4 time to second pulse

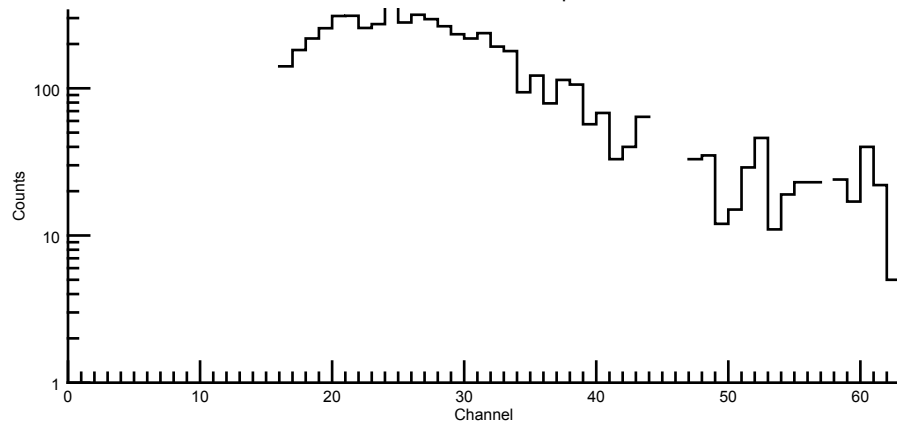




+Y BLP CAT4 first pulse



+Y BLP CAT4 second pulse



+Y BLP CAT4 time to second pulse

