

NASA Dawn Mission  
 GRaND@Ceres Browse Charts  
 Ceres ctl DA800 15295\_0

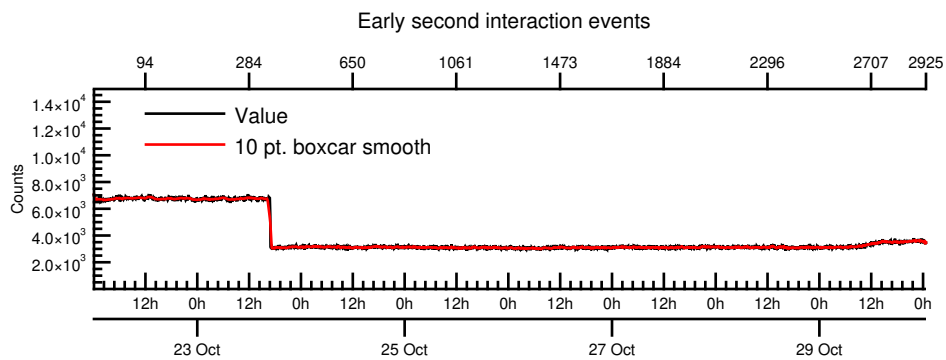
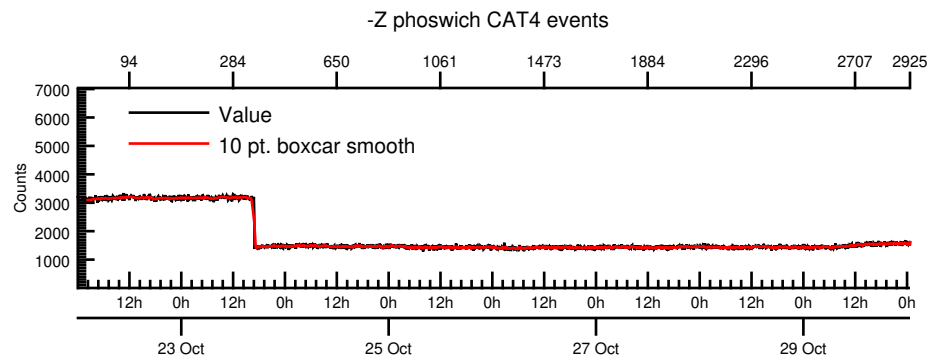
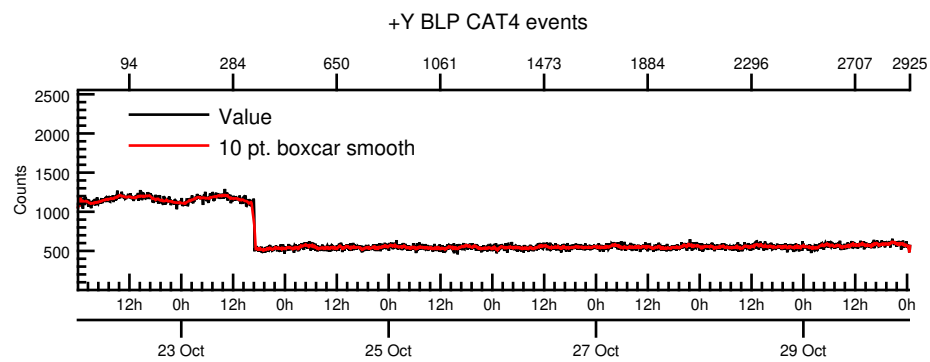
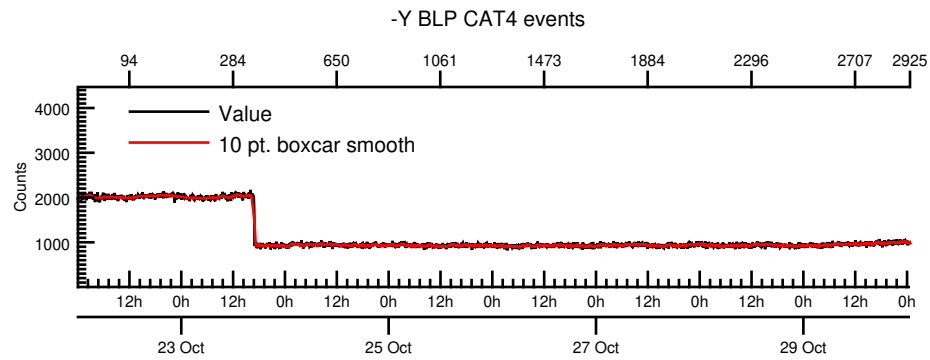
- Number of science records: 2926  
 0 missing science packets with 0 gaps.  
 Start/End: 2015-10-22T00:06:11 to 2015-10-30T00:41:20
- Number of SOH records: 19821  
 0 missing SOH packets with 0 gaps.  
 Start/End: 2015-10-22T00:00:34 to 2015-10-30T00:41:34
- Comments: Browse charts.
  - Provides an 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 4201):

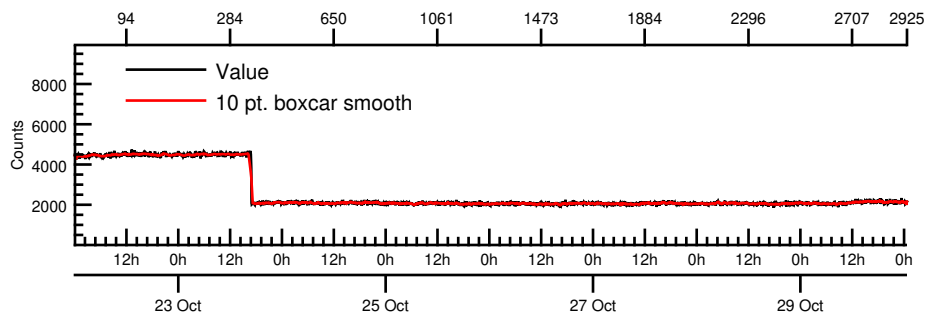
TELREADOUT	455	NEMG_TOT_EVTS	3876
TELSOH	35	NEMG_CZT_EVTS	3376
MODE	1	NEMN_TOT_EVTS	2800
HVPS1	1	L_BGO_CW	1
HVPS1_SET	185	H_BGO_CW	64
HVPS2	1	L_BGO_ROI	1
HVPS2_SET	173	H_BGO_ROI	64
HVPS3	1	L_BLP_MY_CW	1
HVPS3_SET	178	H_BLP_MY_CW	64
HVPS4	1	L_BLP_MY_ROI	1
HVPS4_SET	182	H_BLP_MY_ROI	64
HVPS5	1	L_BLP_PY_CW	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



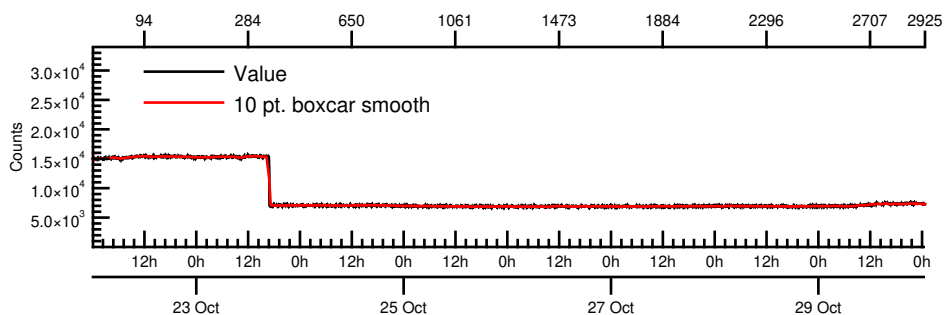




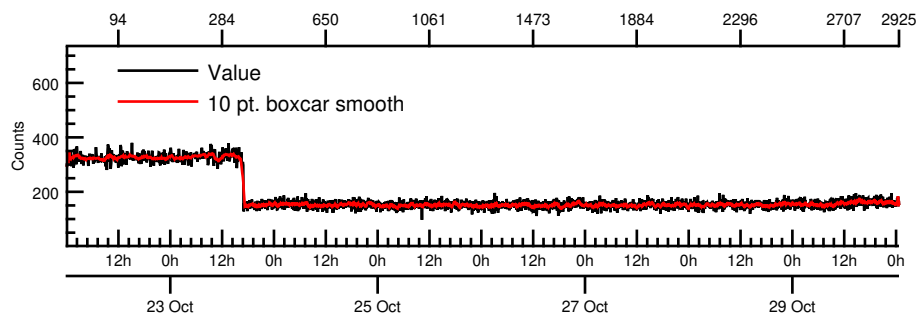
Multiple-crystal CZT events



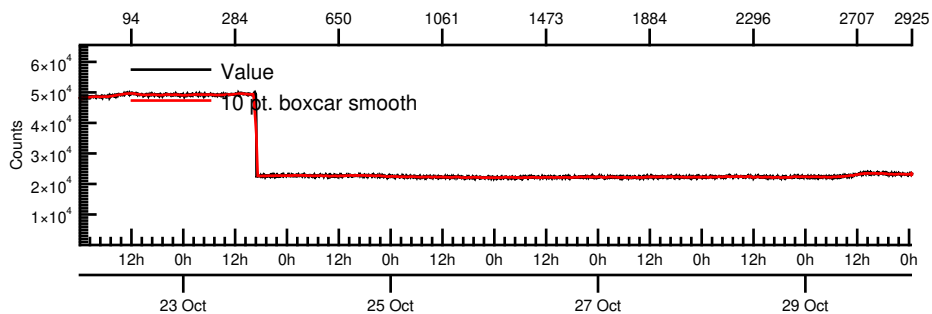
Valid CZT events (CAT10)



Coincidence BGO and CZT events (CAT7)



Coincidence of three or more sensor elements



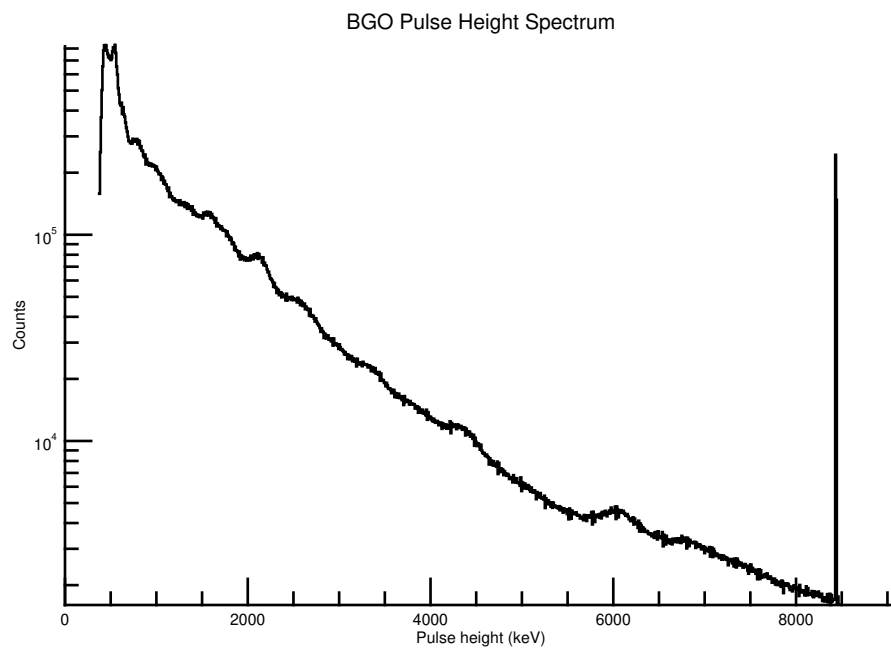
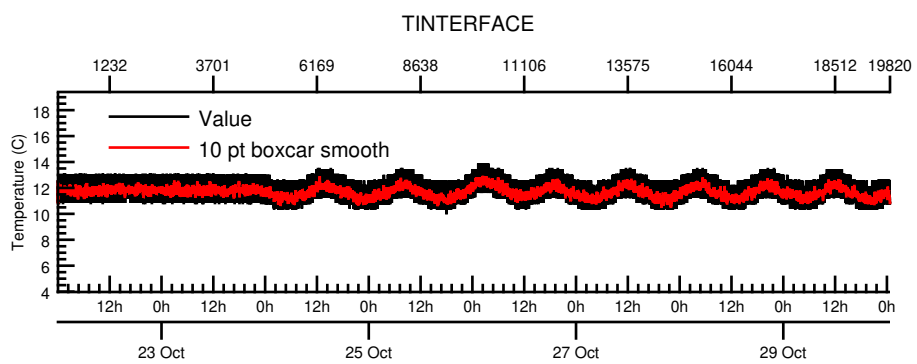
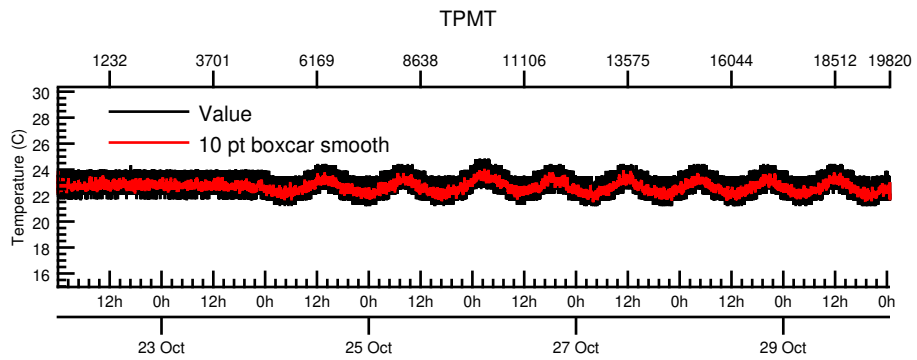




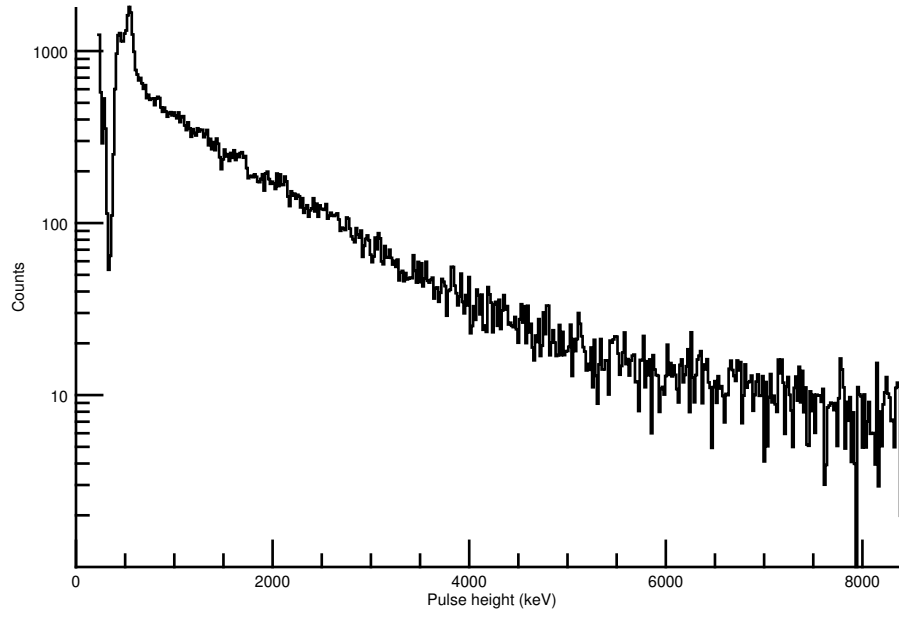




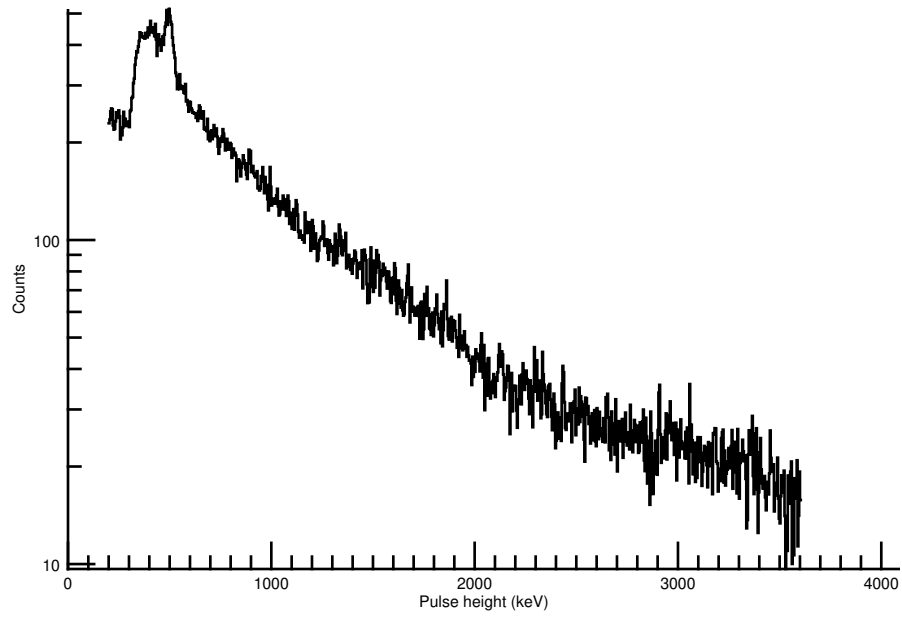


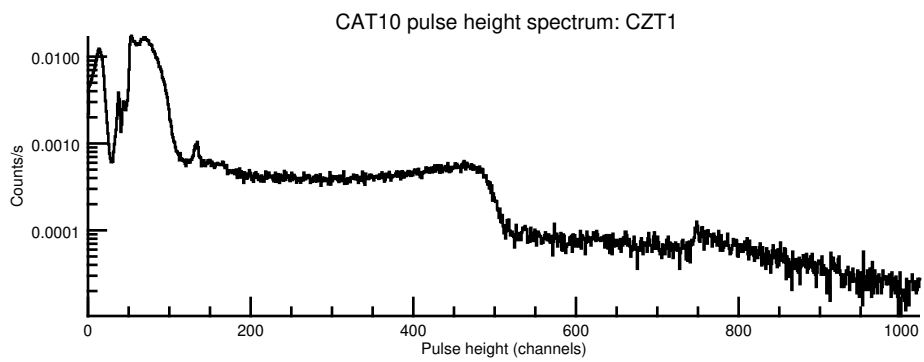
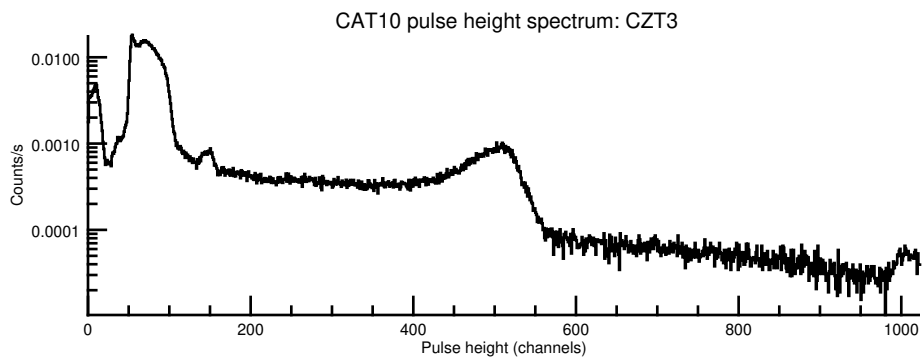
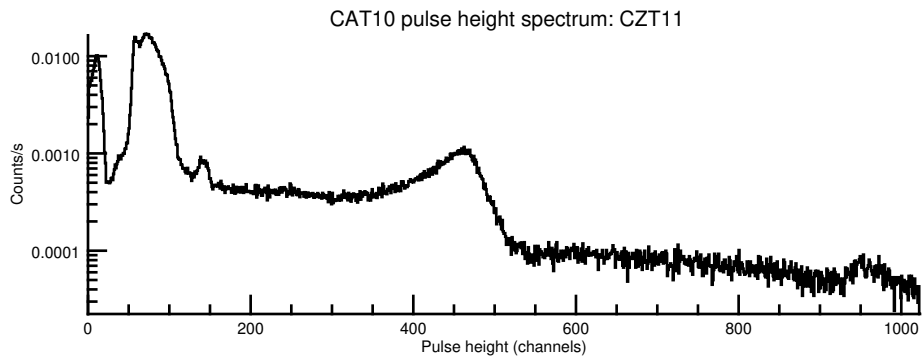


BGO-CZT pair spectrum: BGO

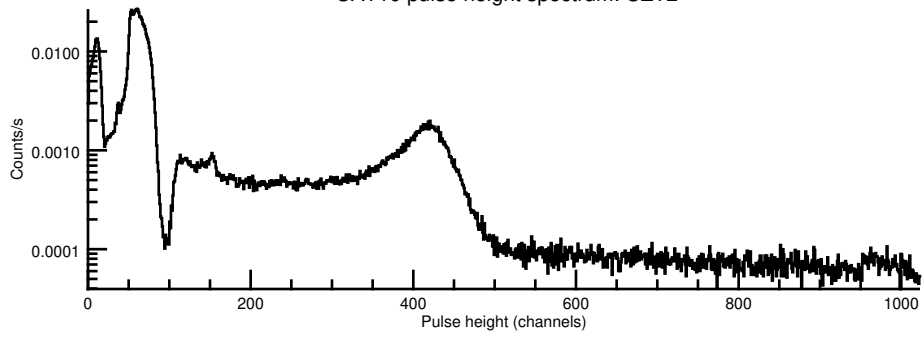


BGO-CZT pair spectrum: CZT

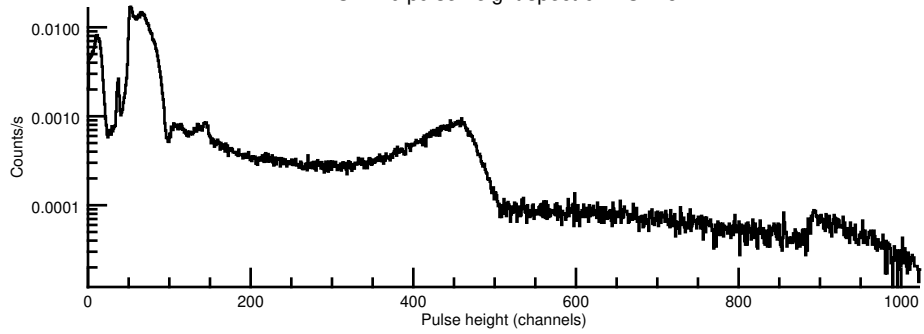




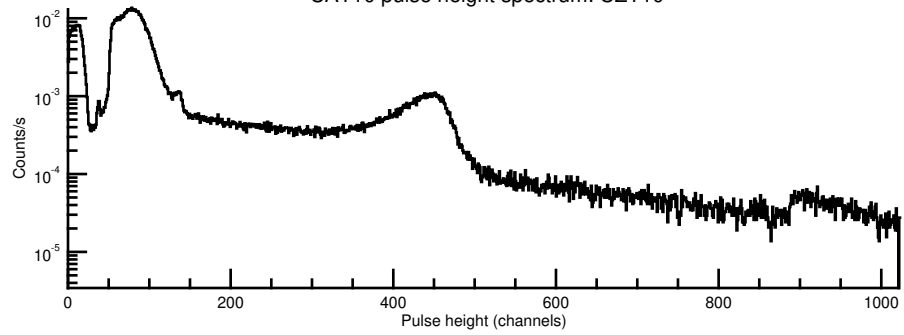
CAT10 pulse height spectrum: CZT2



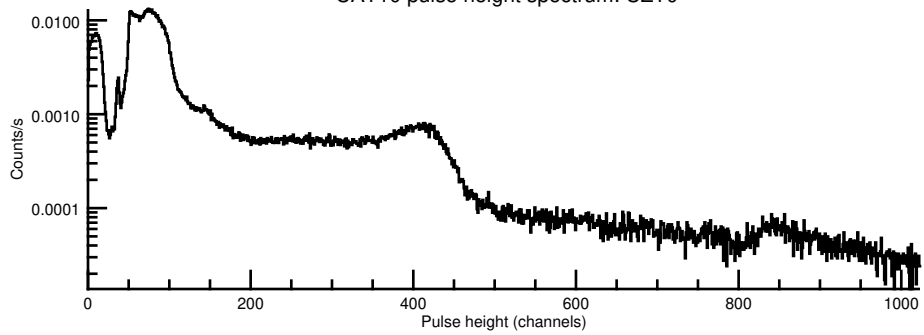
CAT10 pulse height spectrum: CZT8

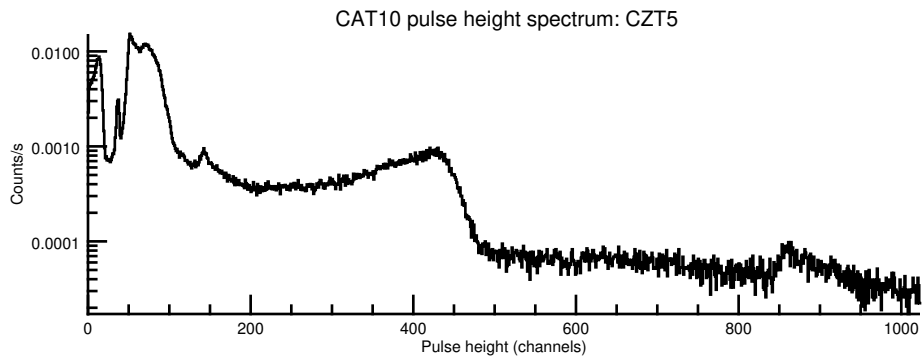
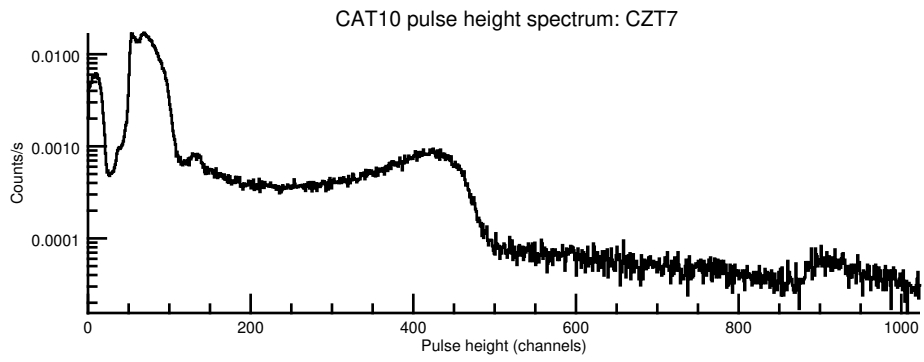
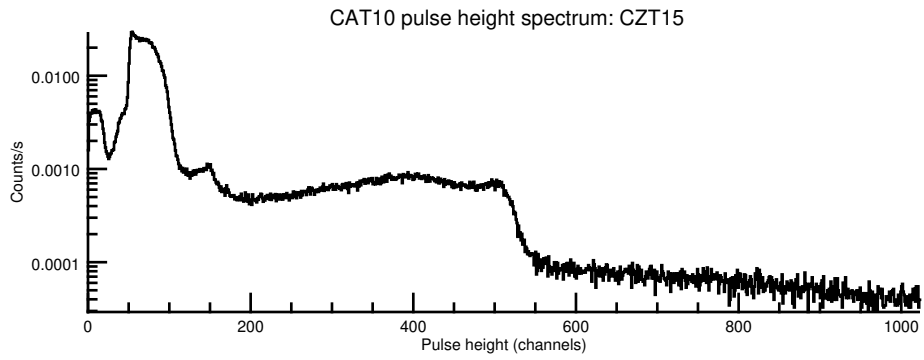


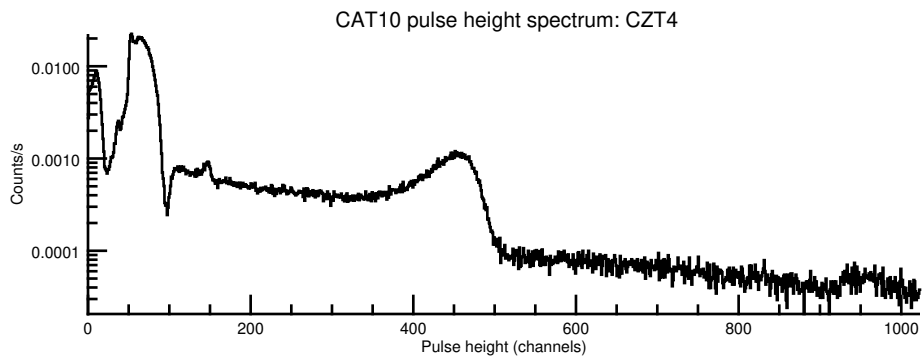
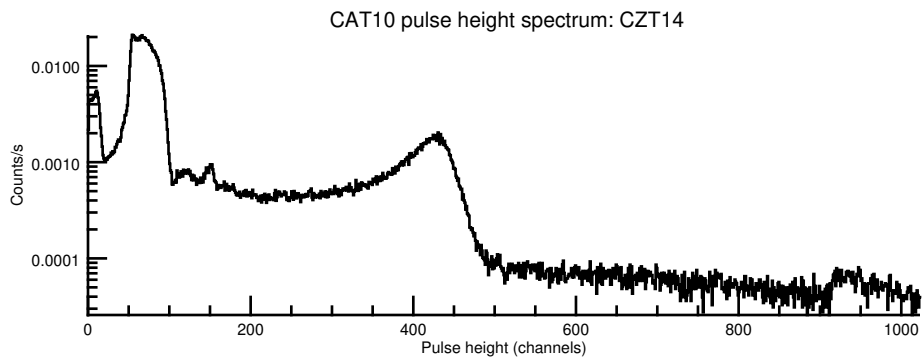
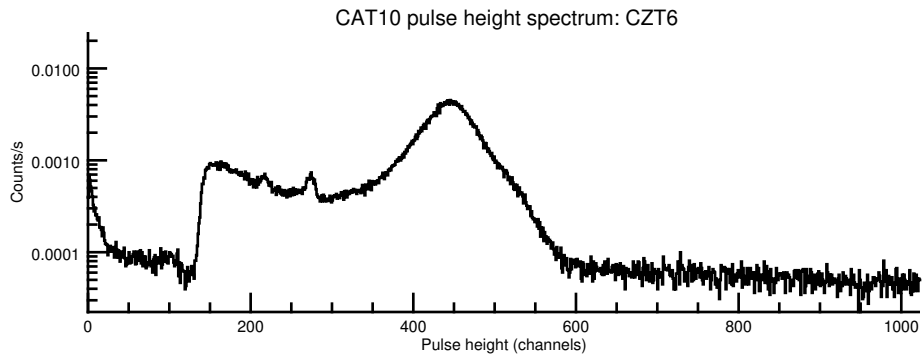
CAT10 pulse height spectrum: CZT10



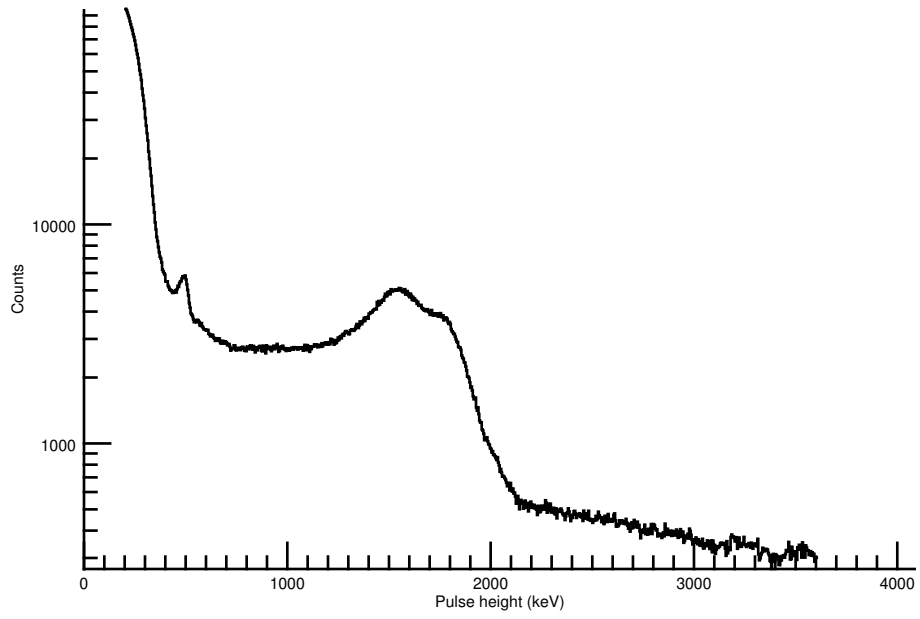
CAT10 pulse height spectrum: CZT0



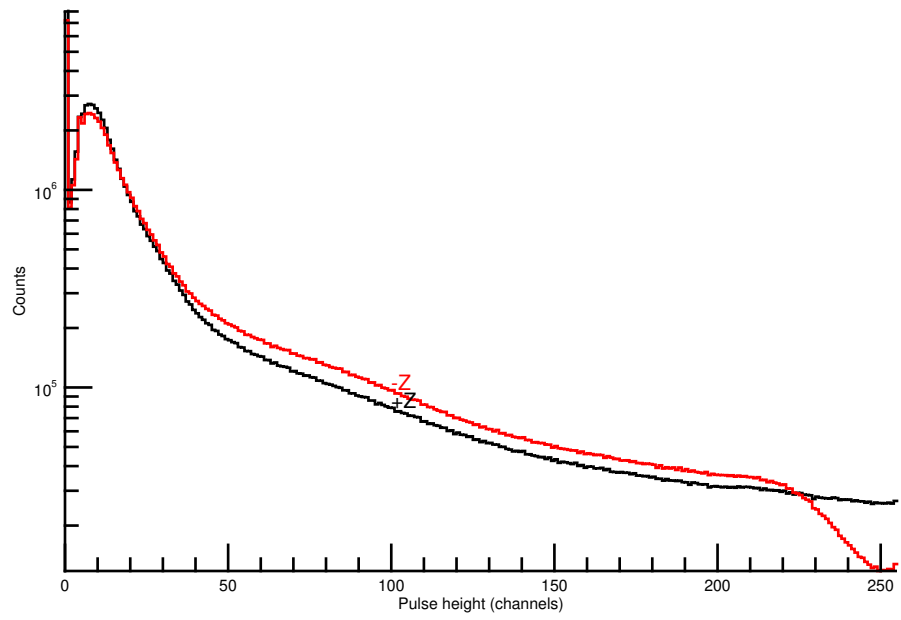




CAT10 CZT composite

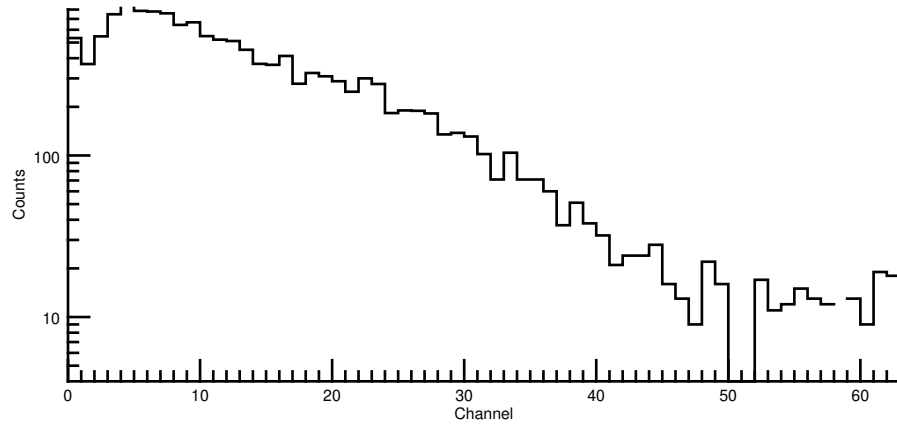


CAT1 histograms

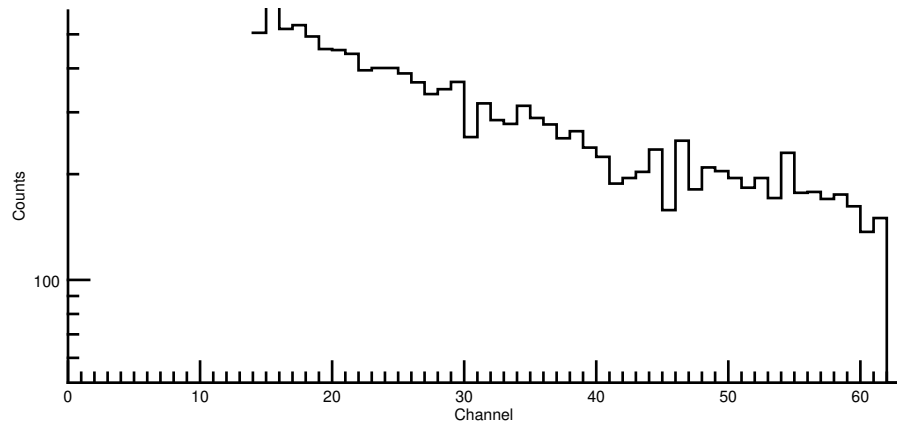




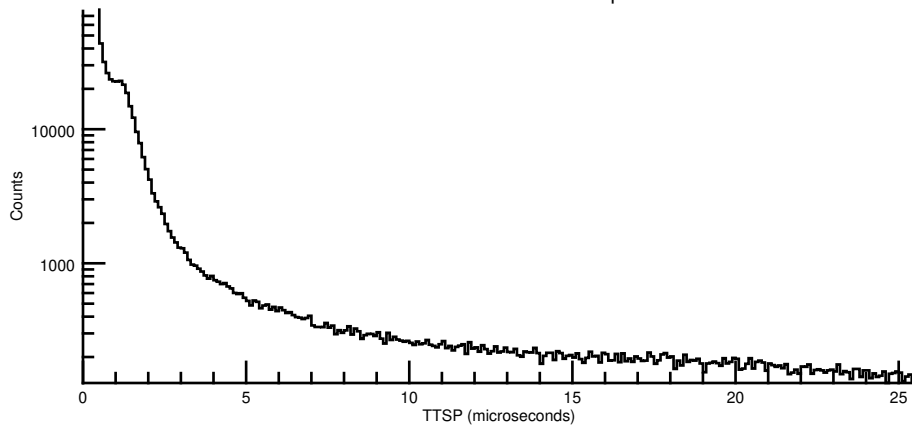
+Z BLP CAT4 first pulse



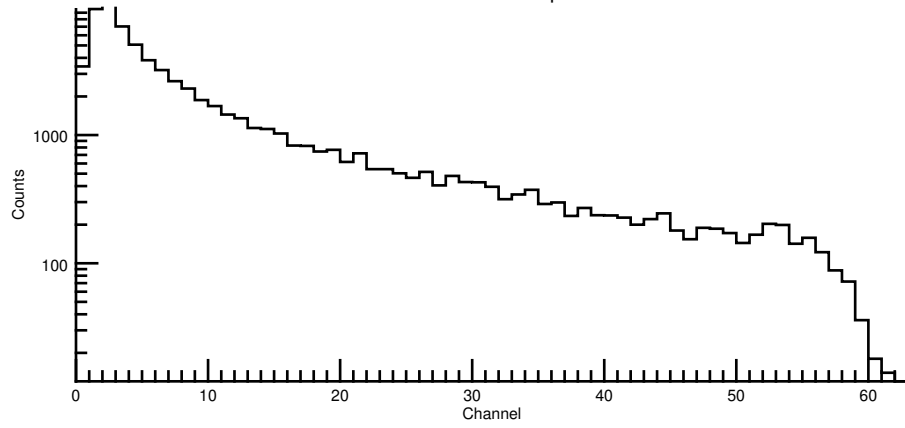
+Z BLP CAT4 second pulse



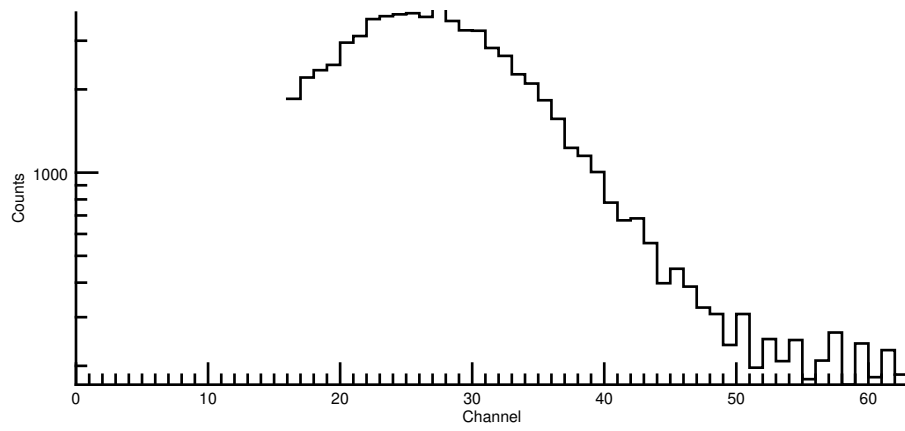
+Z BLP CAT4 time to second pulse



-Y BLP CAT4 first pulse



-Y BLP CAT4 second pulse



-Y BLP CAT4 time to second pulse

