

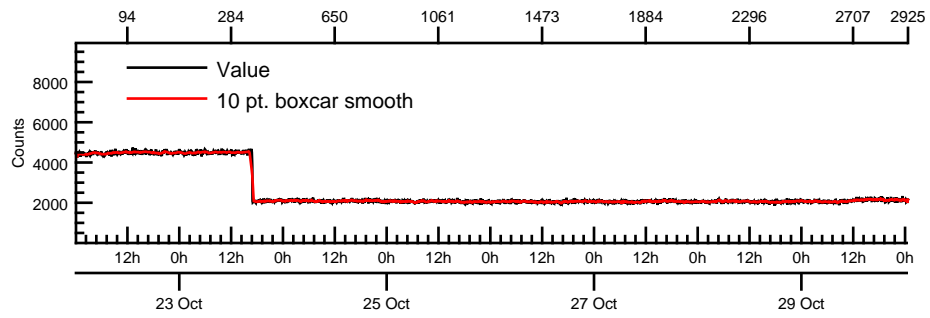
NASA Dawn Mission
GRaND@Ceres Browse Charts
 Ceres ctl DA800 15295_0

- 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.

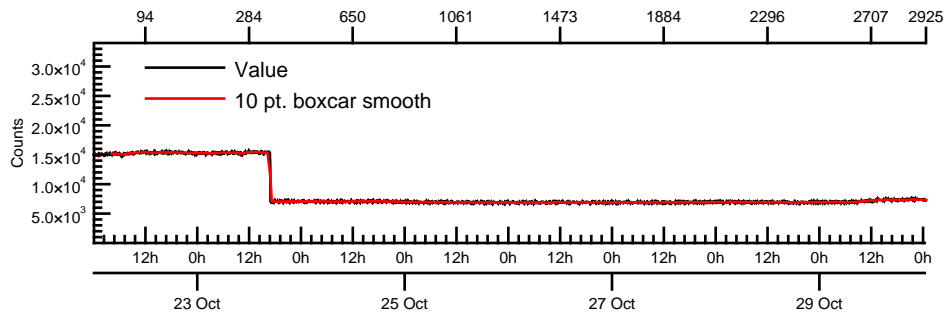
- Number of states = 3
- Instrument settings for first state (STATE_INDEX 4201):

| | | | |
|------------|-----|---------------|------|
| 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 |

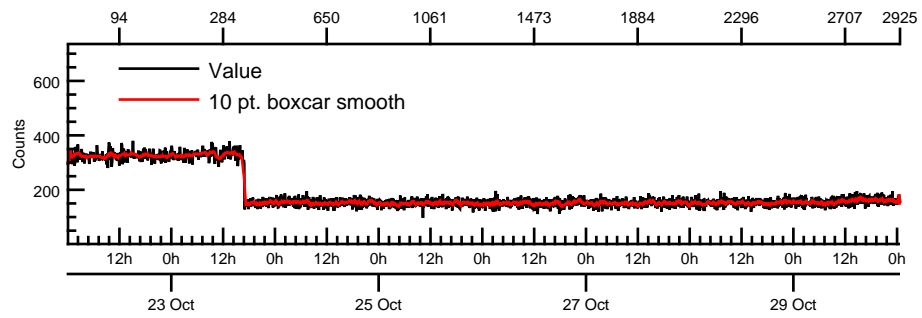
Multiple-crystal CZT events



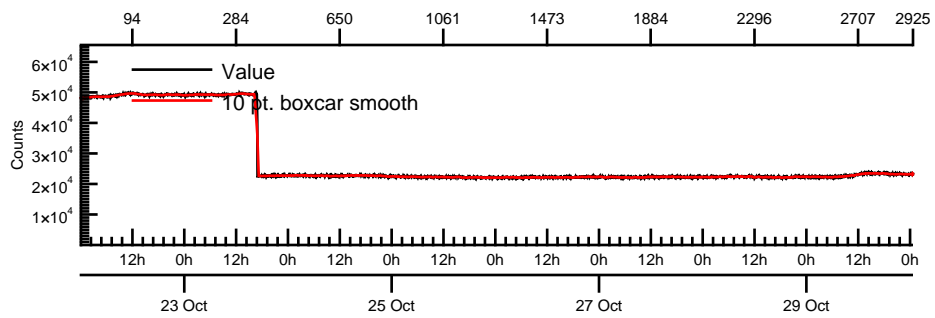
Valid CZT events (CAT10)

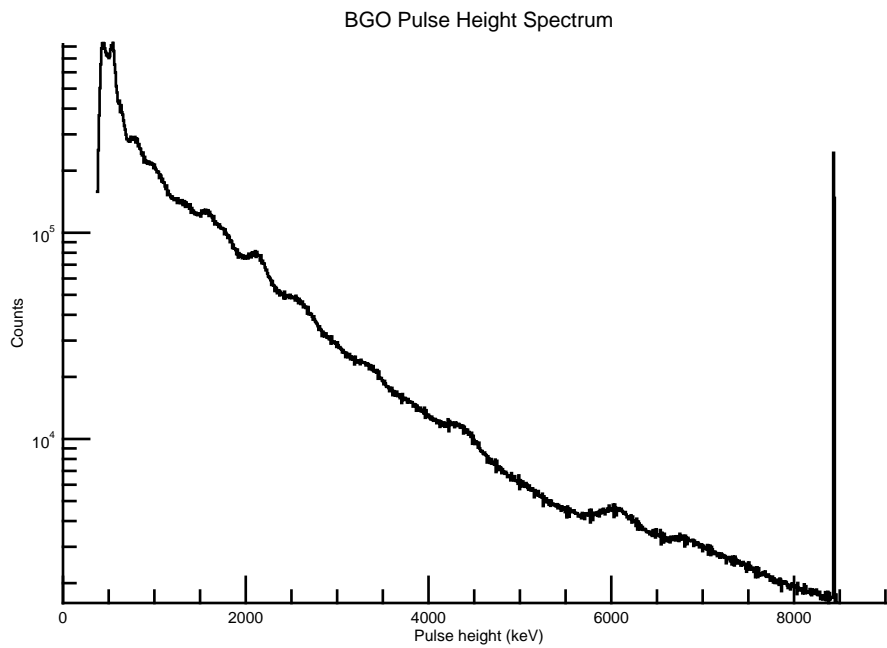
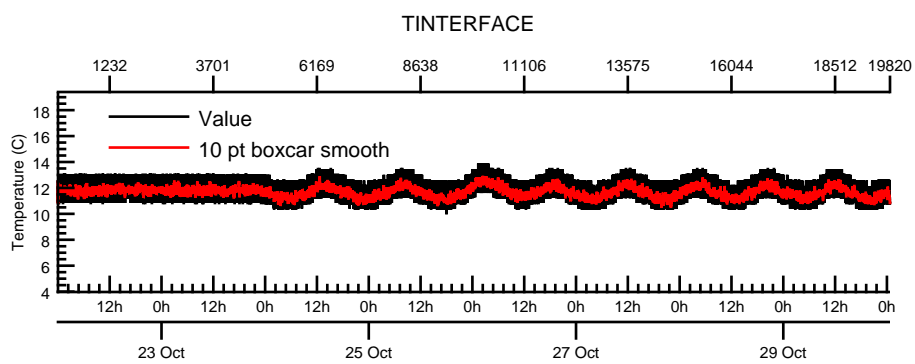
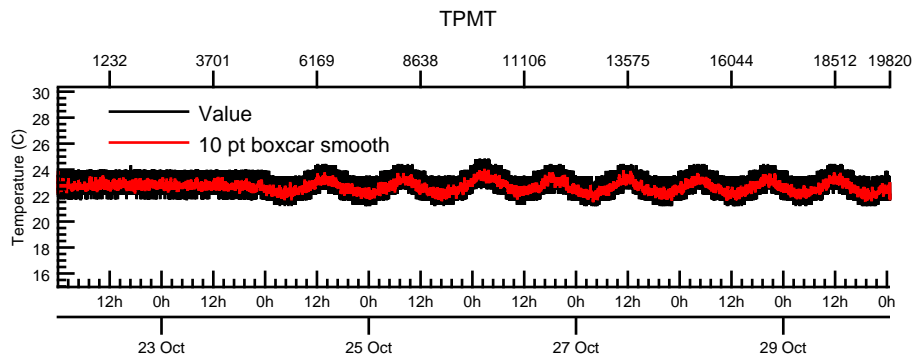


Coincidence BGO and CZT events (CAT7)

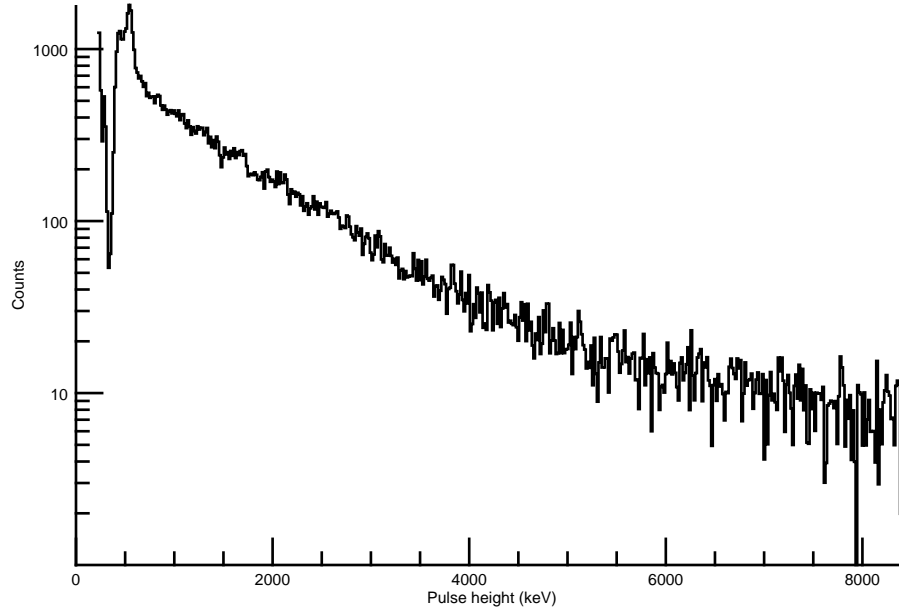


Coincidence of three or more sensor elements

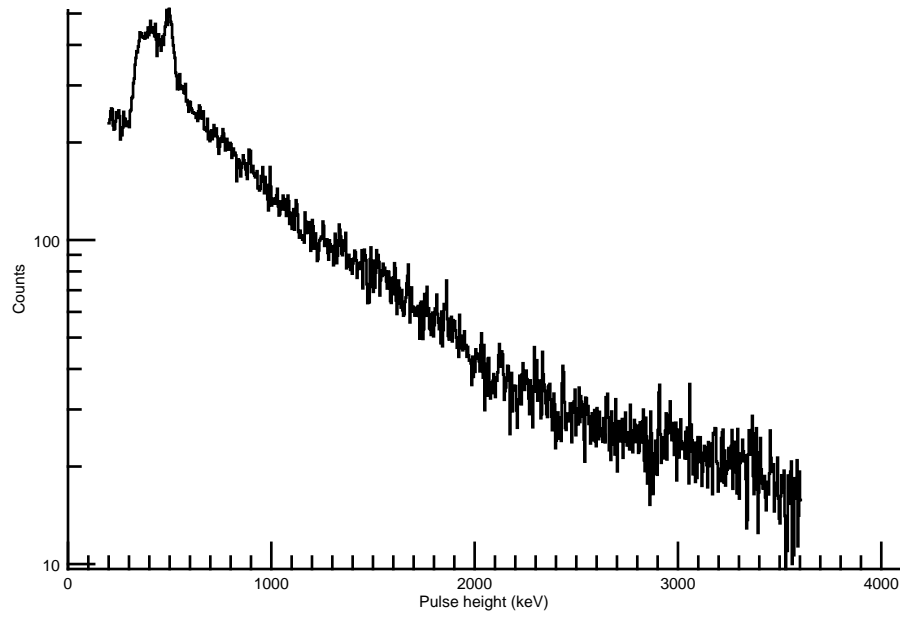


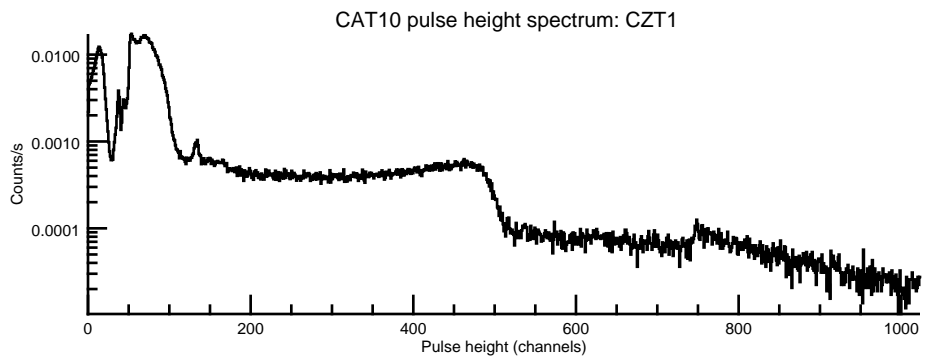
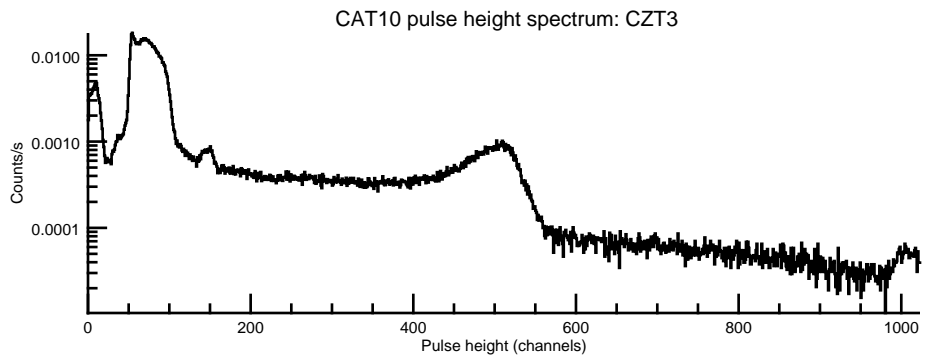
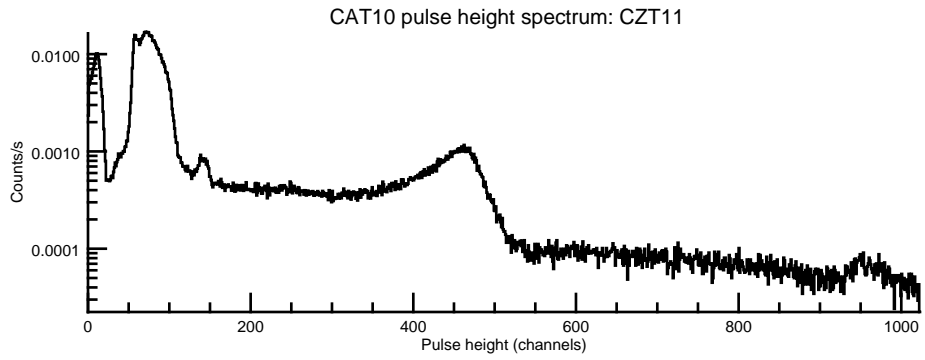


BGO-CZT pair spectrum: BGO

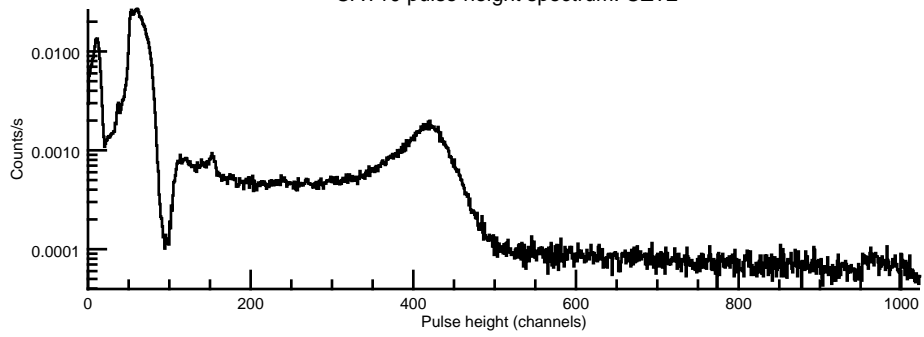


BGO-CZT pair spectrum: CZT

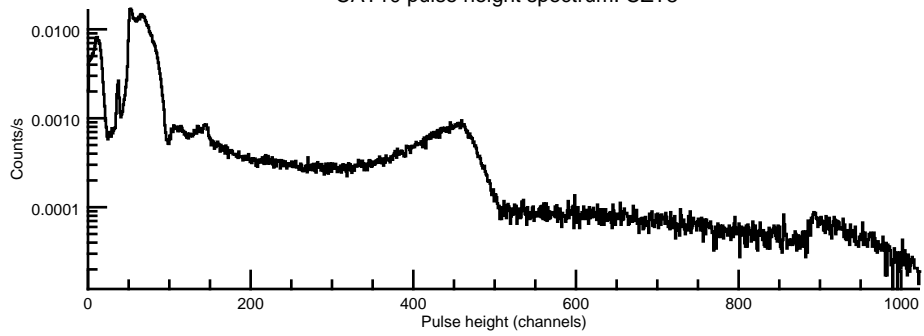




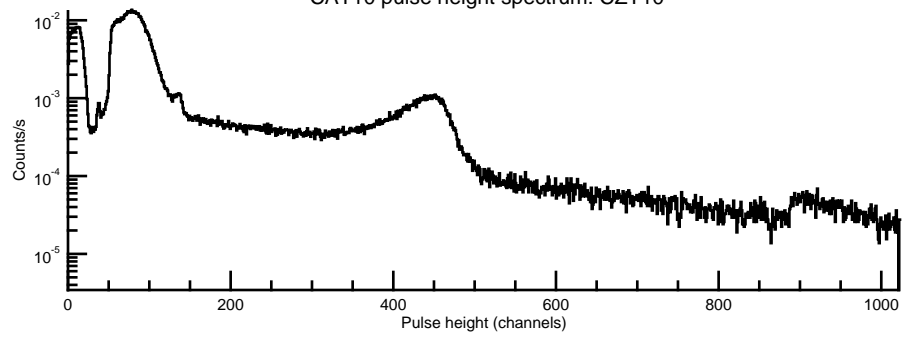
CAT10 pulse height spectrum: CZT2



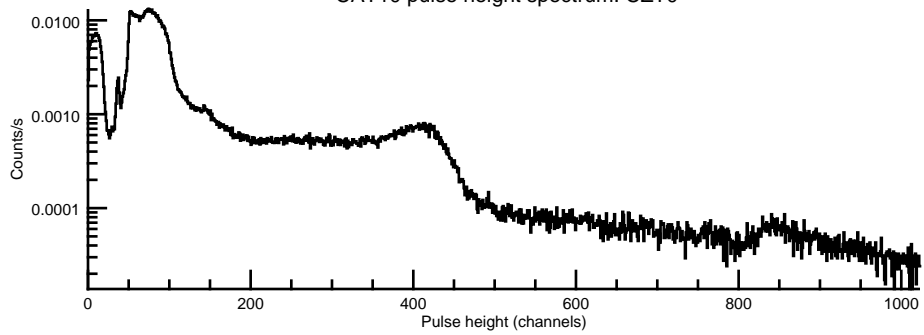
CAT10 pulse height spectrum: CZT8

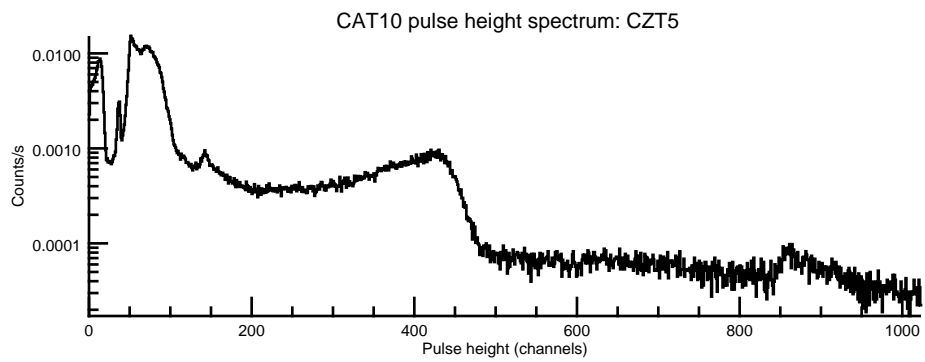
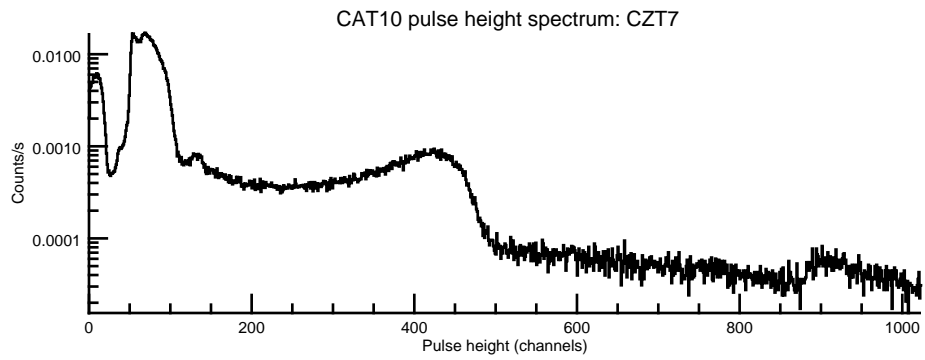
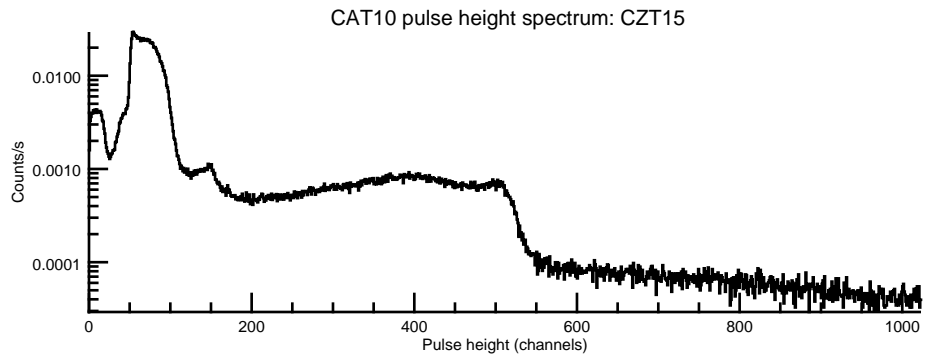


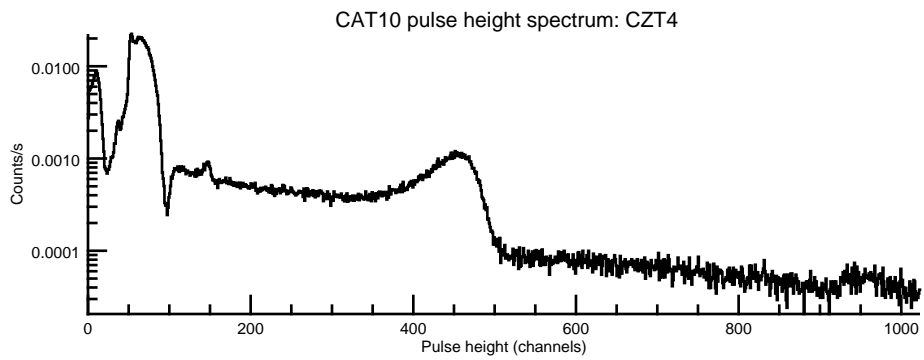
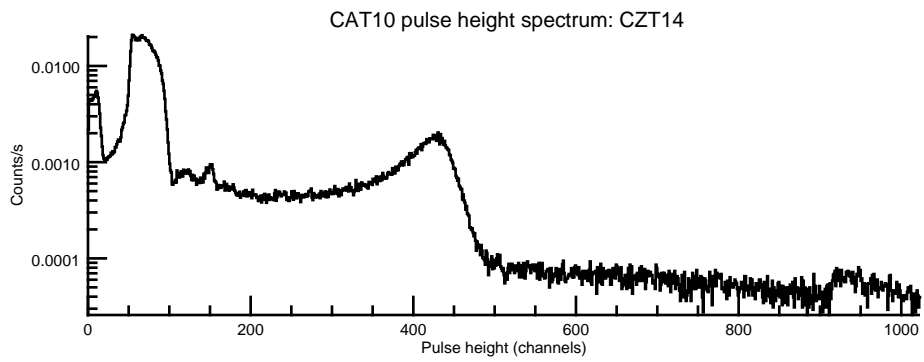
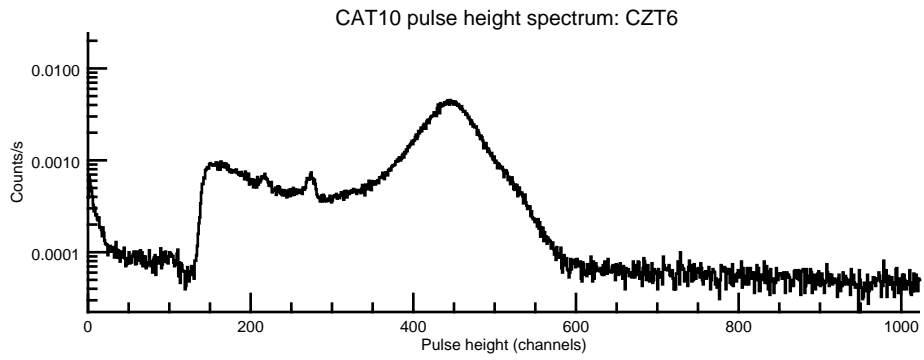
CAT10 pulse height spectrum: CZT10



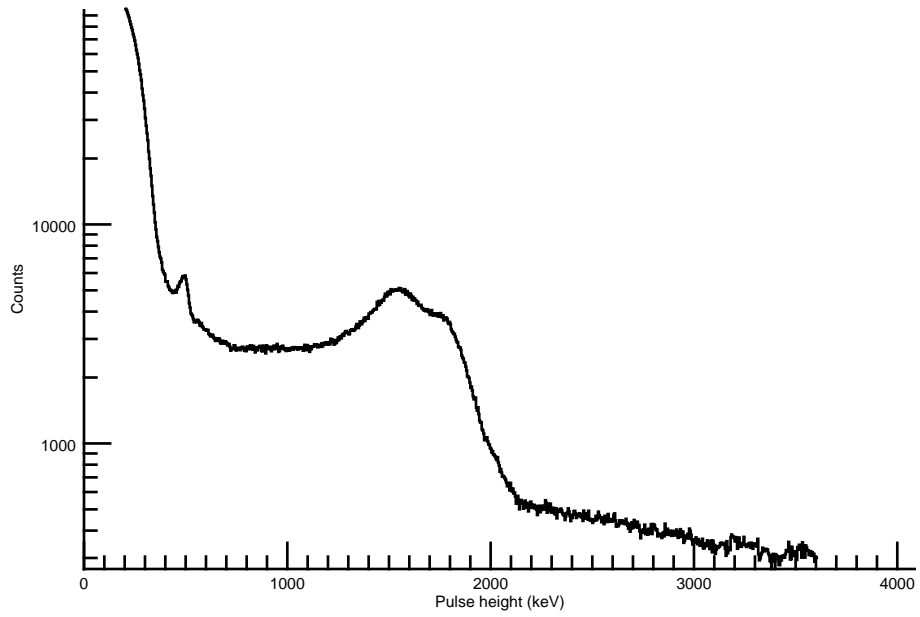
CAT10 pulse height spectrum: CZT0



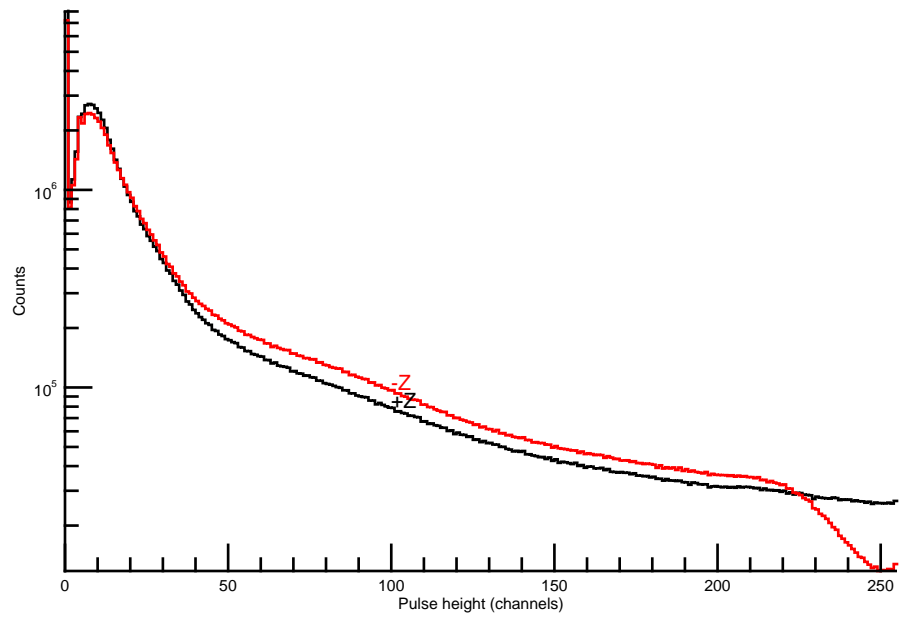




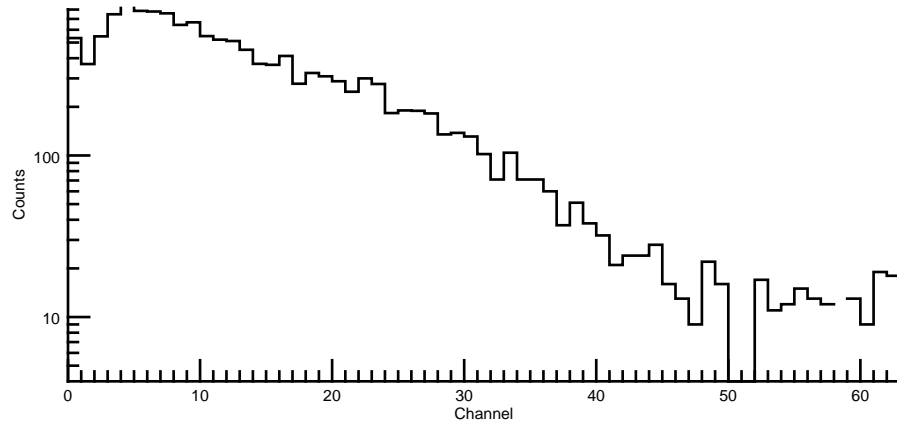
CAT10 CZT composite



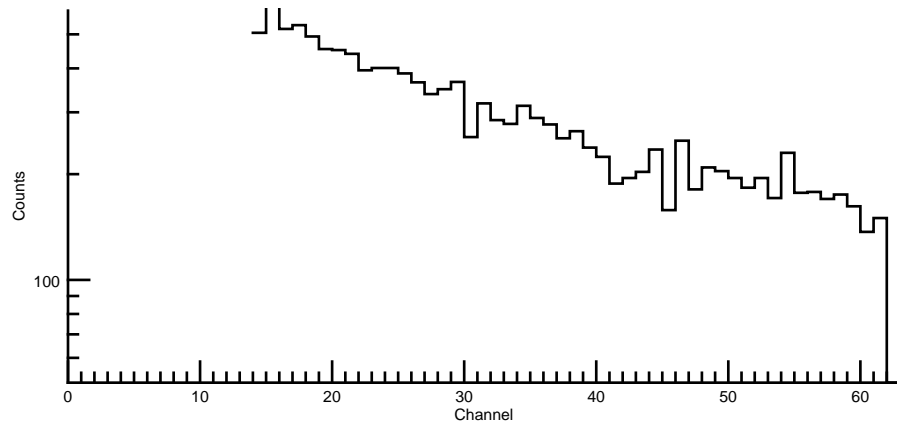
CAT1 histograms



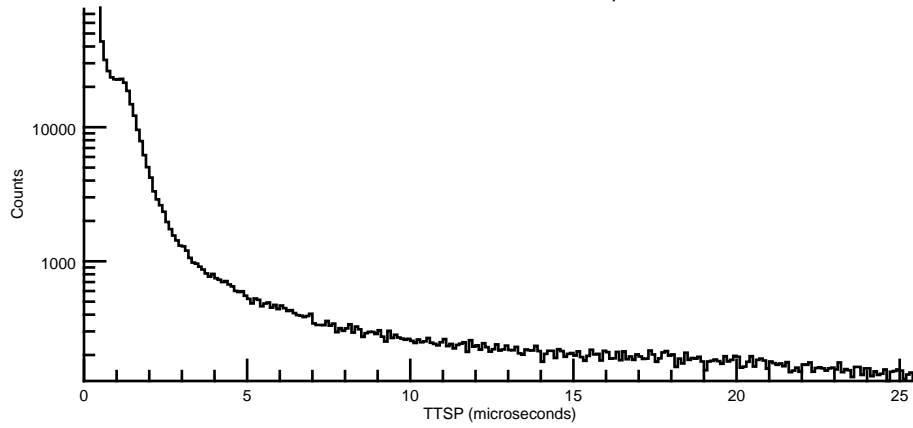
+Z BLP CAT4 first pulse



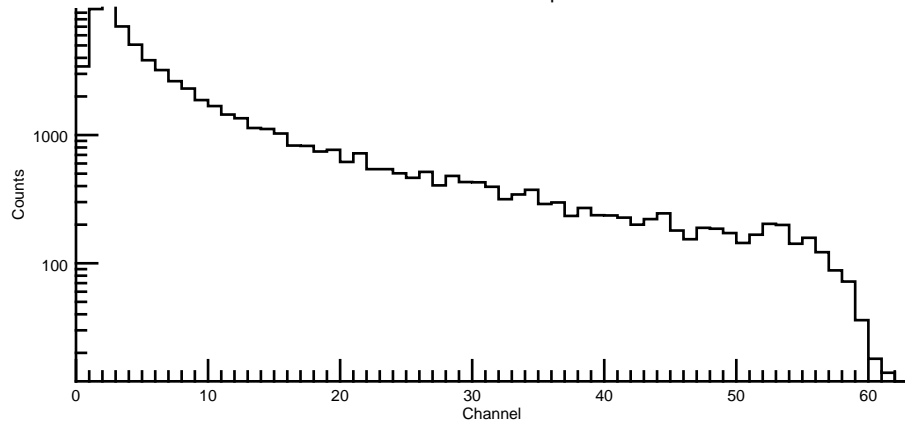
+Z BLP CAT4 second pulse



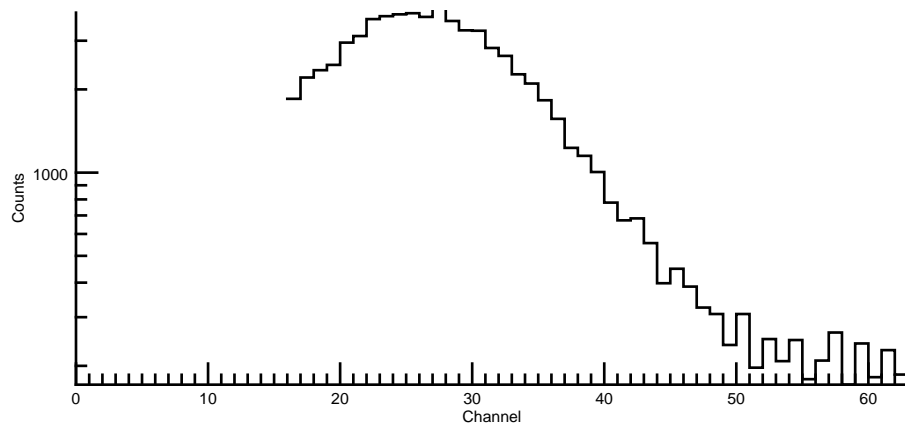
+Z BLP CAT4 time to second pulse



-Y BLP CAT4 first pulse



-Y BLP CAT4 second pulse



-Y BLP CAT4 time to second pulse

