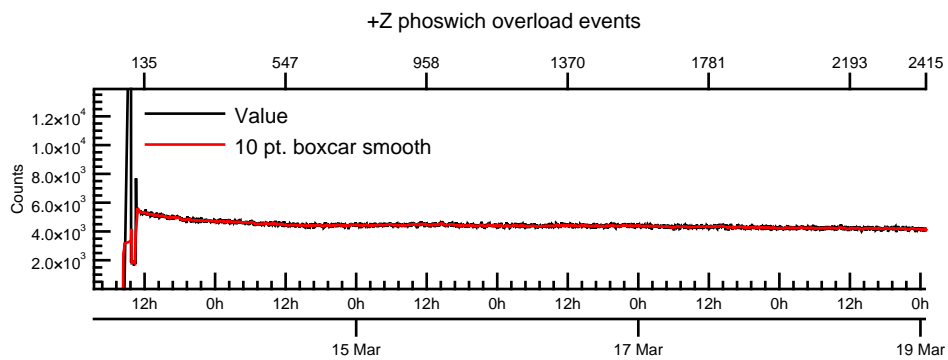
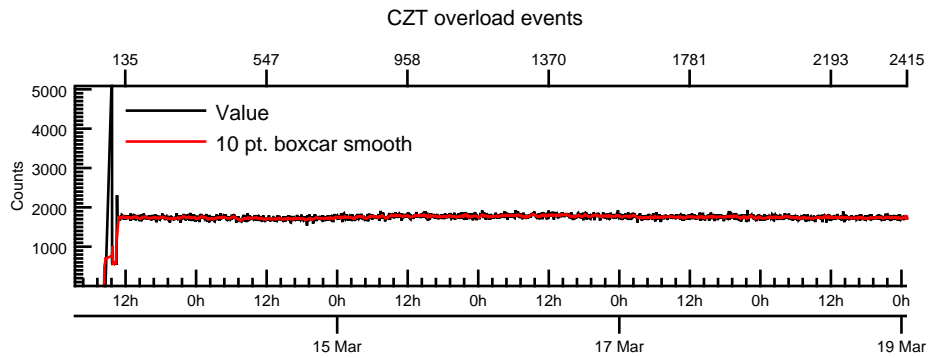
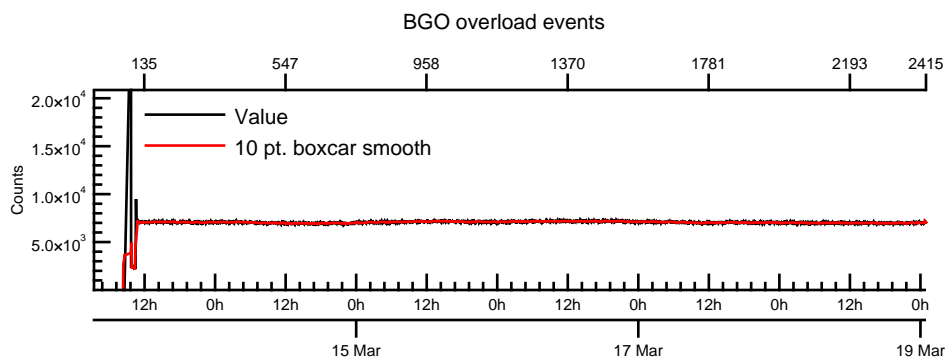
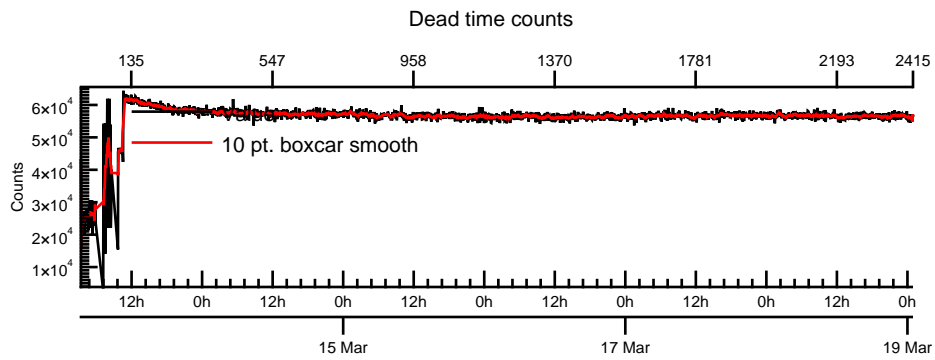


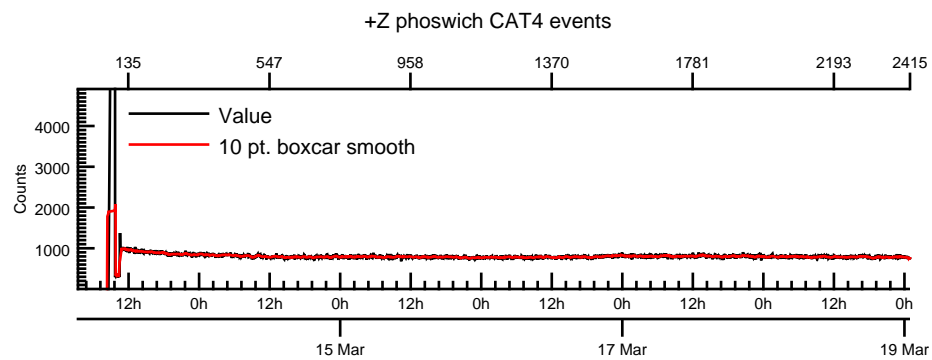
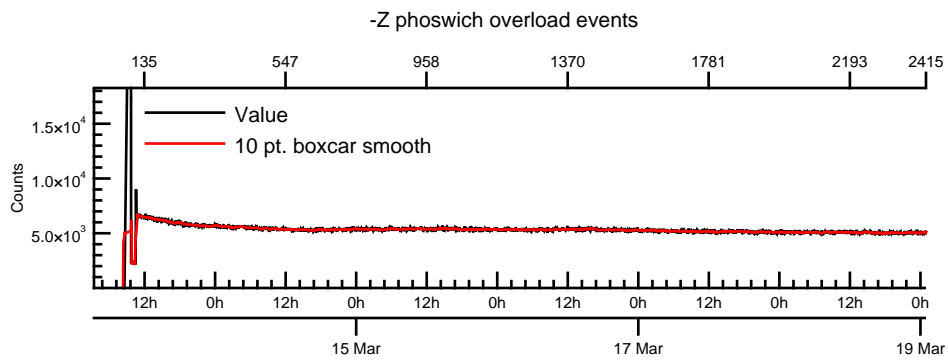
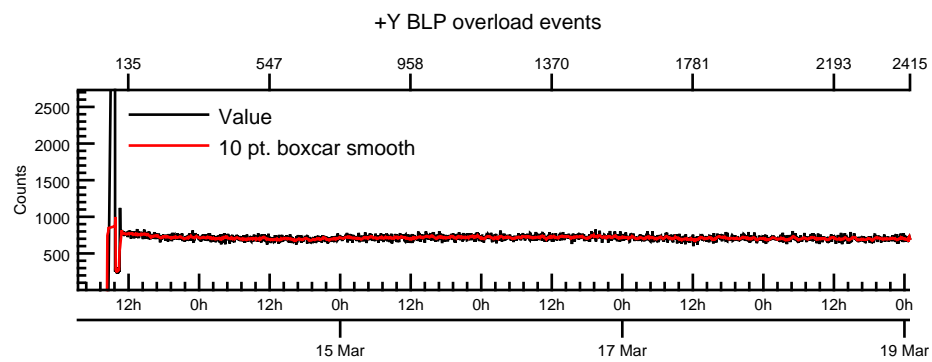
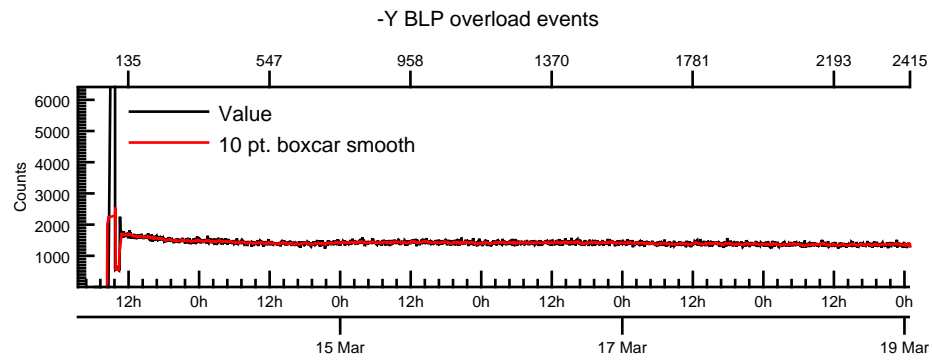
NASA Dawn Mission
GRaND@Ceres Browse Charts
 Ceres CSA DA222 15072_1

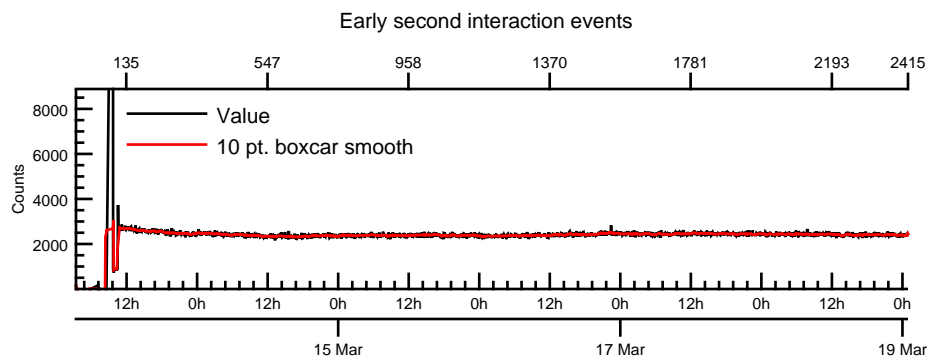
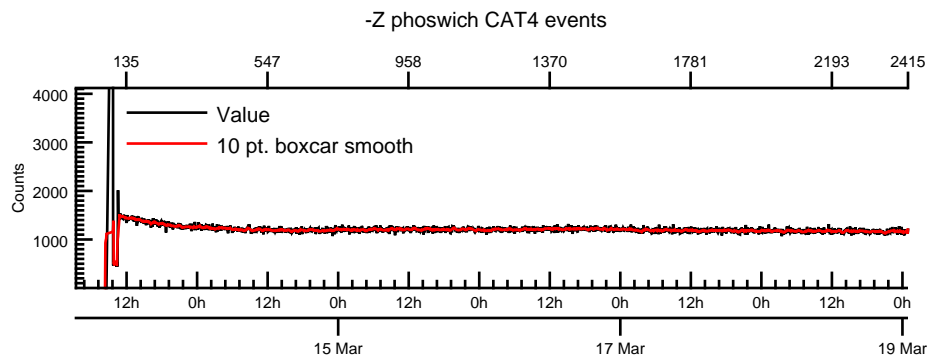
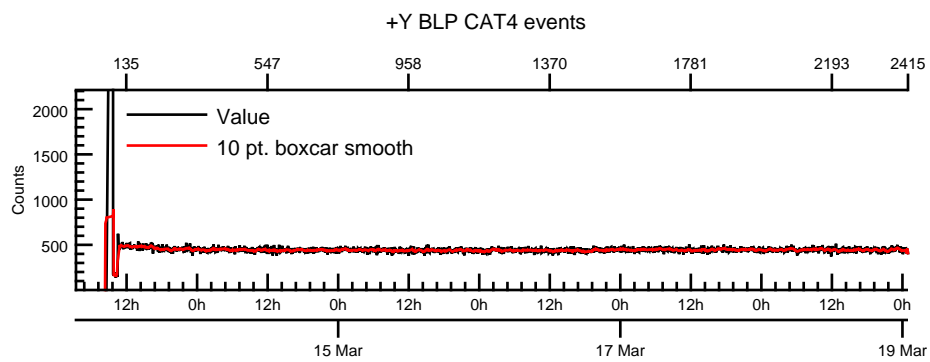
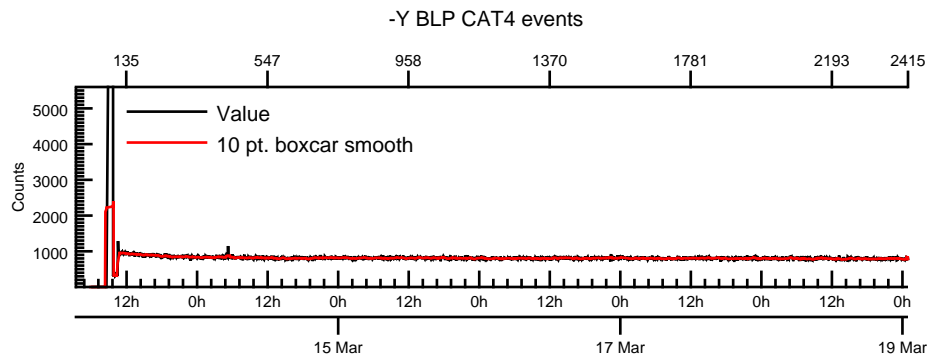
- Number of science records: 2416
 15372 missing science packets with 1 gaps.
 Start/End: 2015-03-13T03:24:21 to 2015-03-19T00:57:18
- Number of SOH records: 14491
 16096 missing SOH packets with 1 gaps.
 Start/End: 2015-03-13T03:10:35 to 2015-03-19T00:59:35
- Comments: Browse charts.
 - Provides an 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.

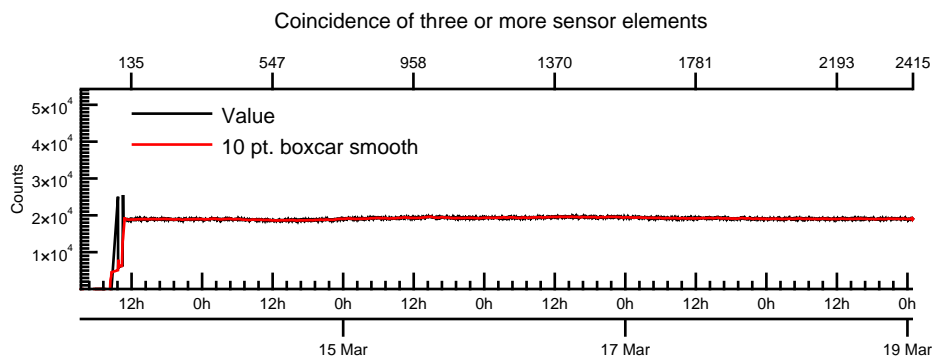
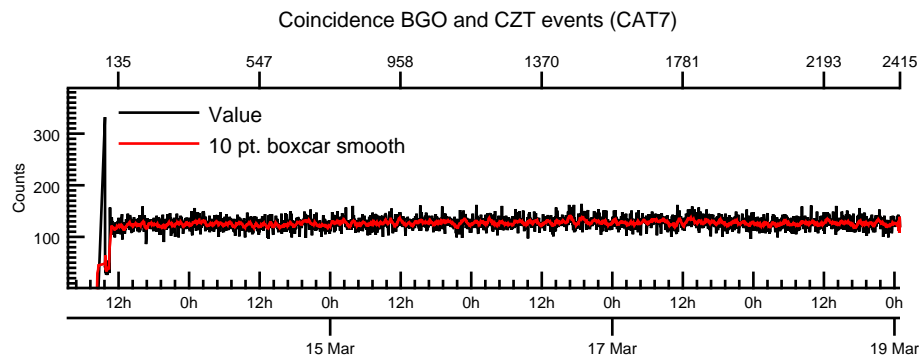
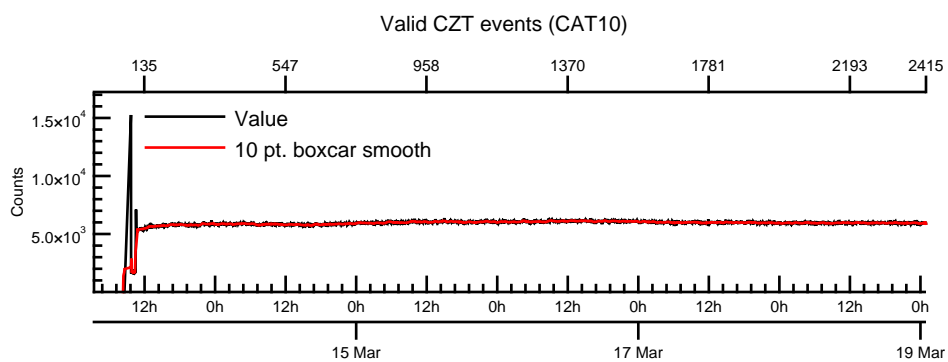
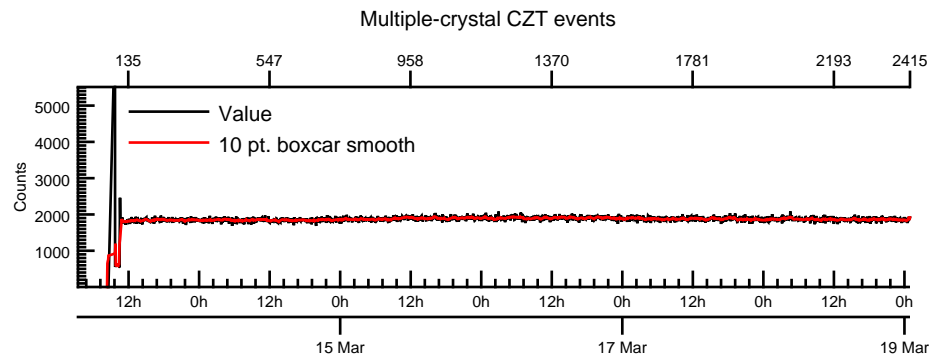
- Number of states = 117
- Instrument settings for first state (STATE_INDEX 655):

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

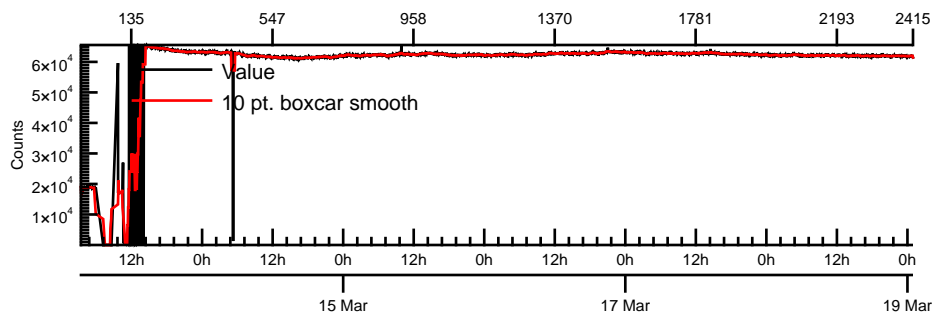




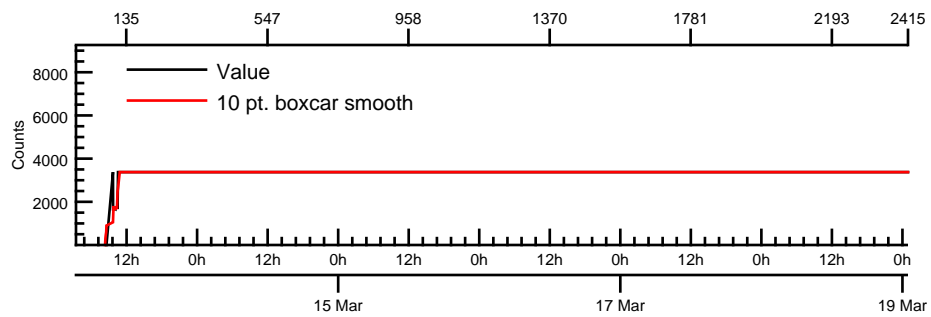




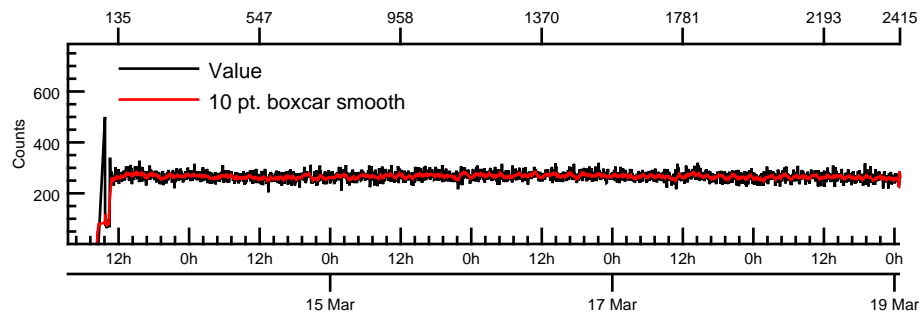
Total events processed by GRaND



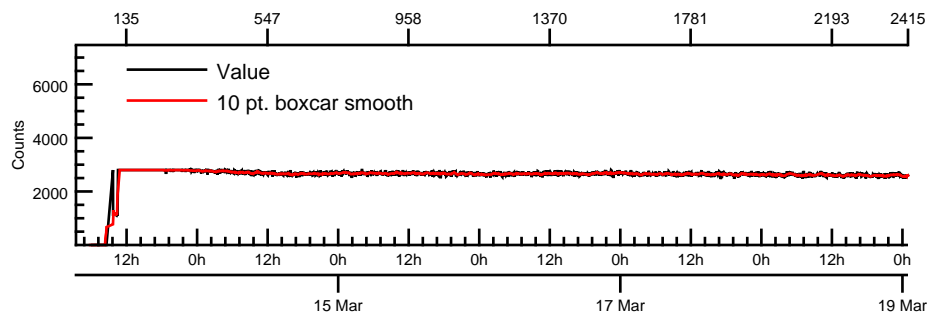
Number of single CZT events (CAT10) in the gamma ray event buffer

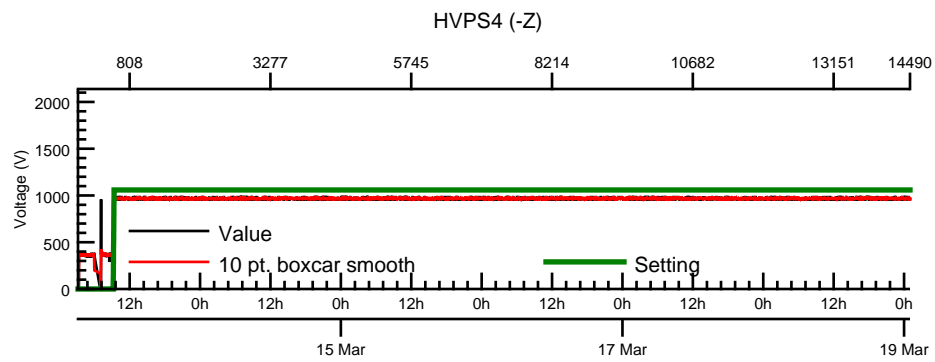
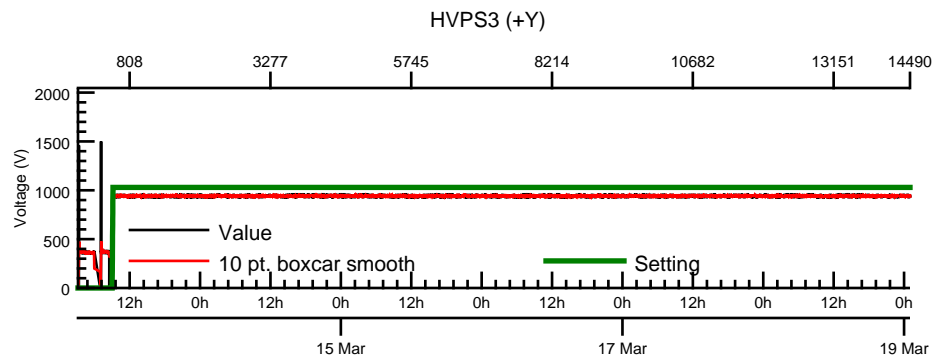
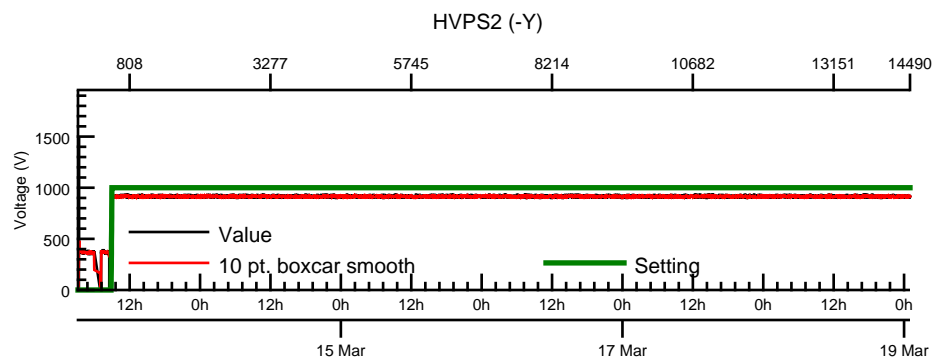
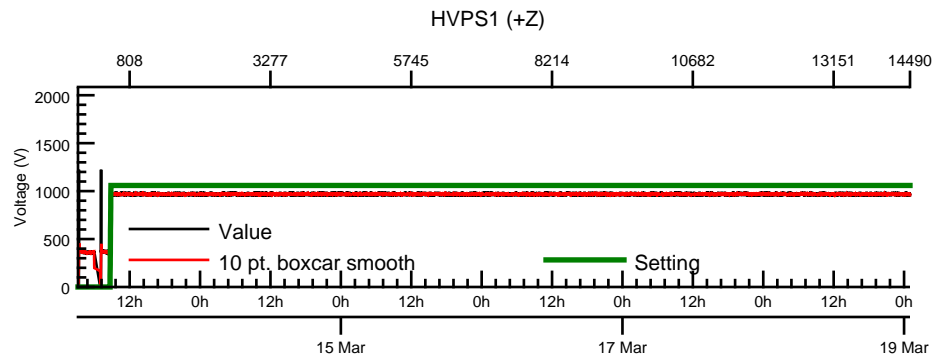


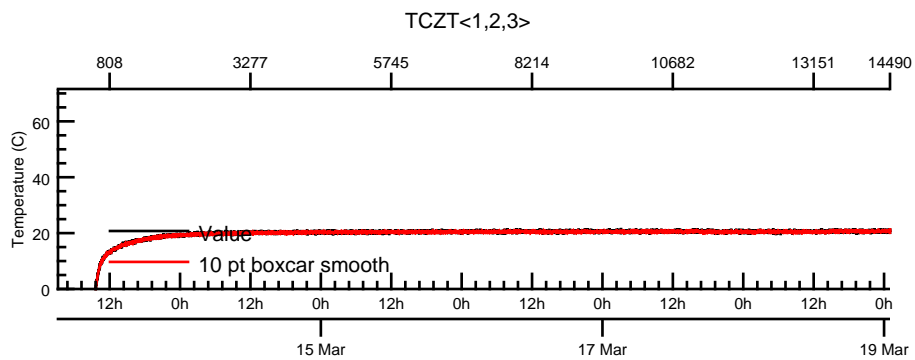
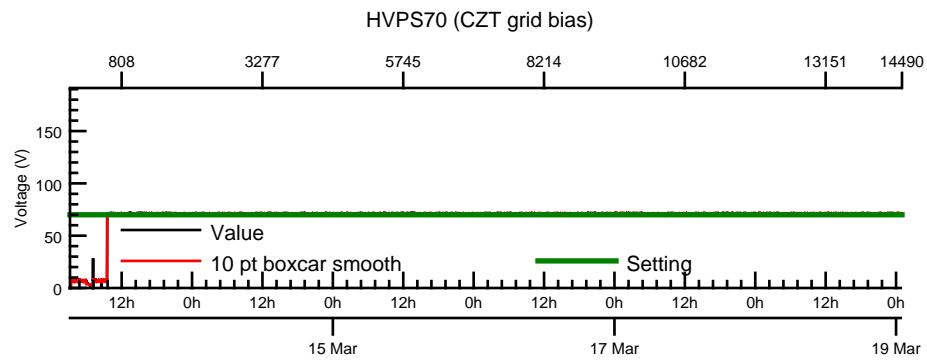
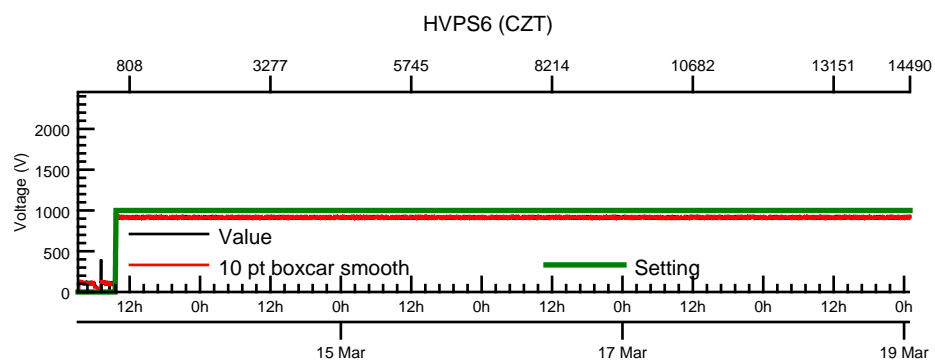
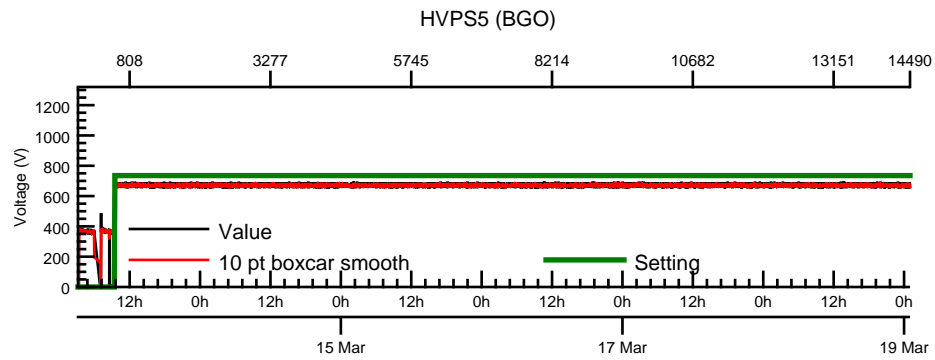
Number of BGO-CZT events (CAT7) in the gamma ray event buffer

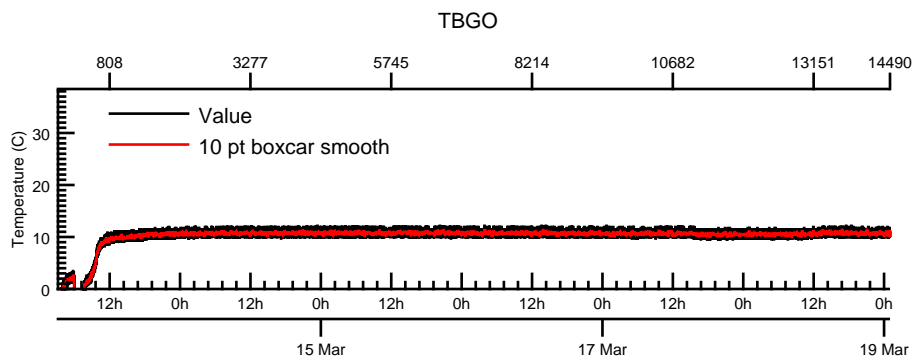
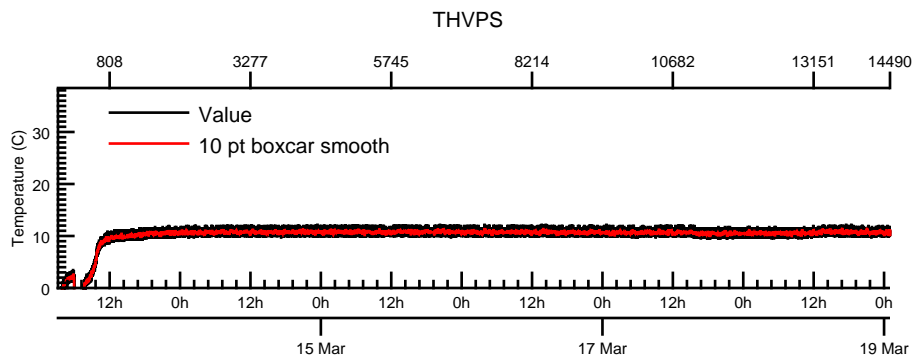
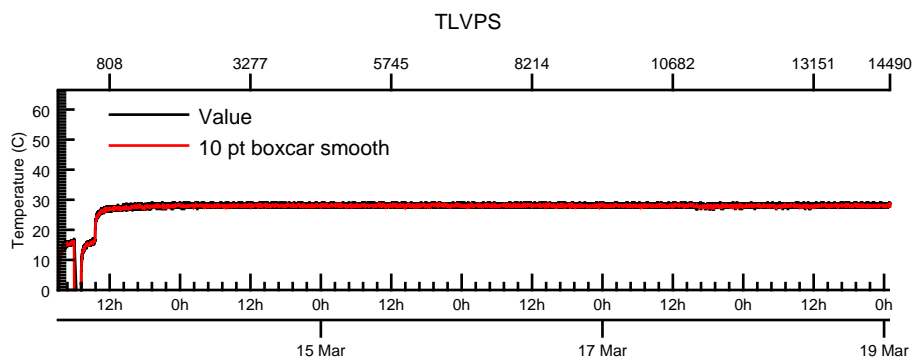
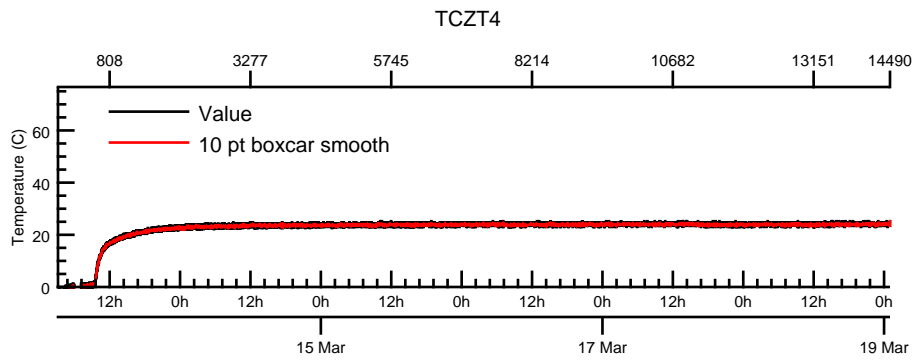


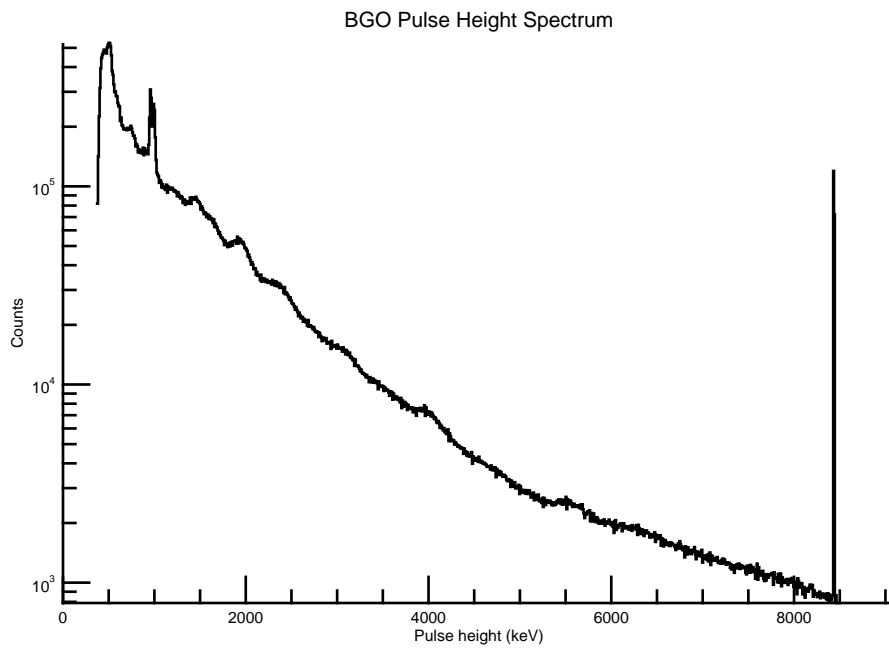
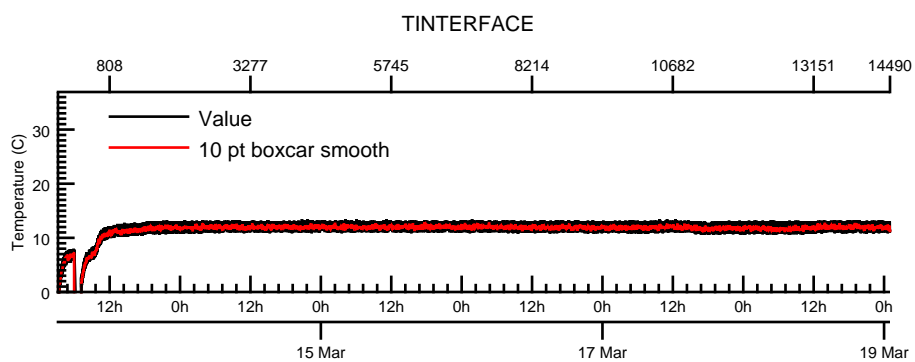
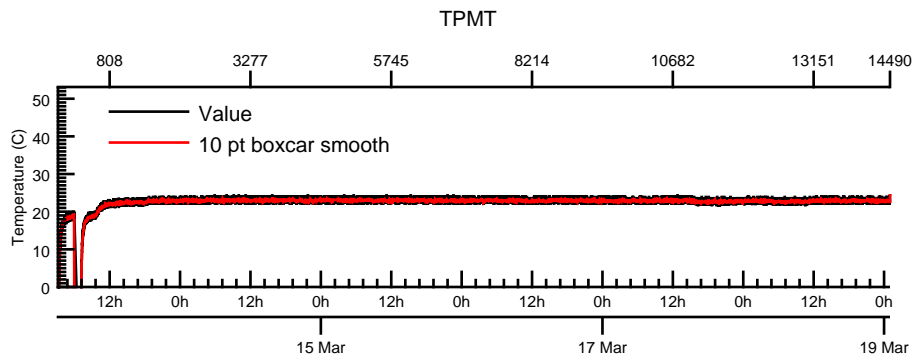
Number of events (CAT4) in the neutron event buffer



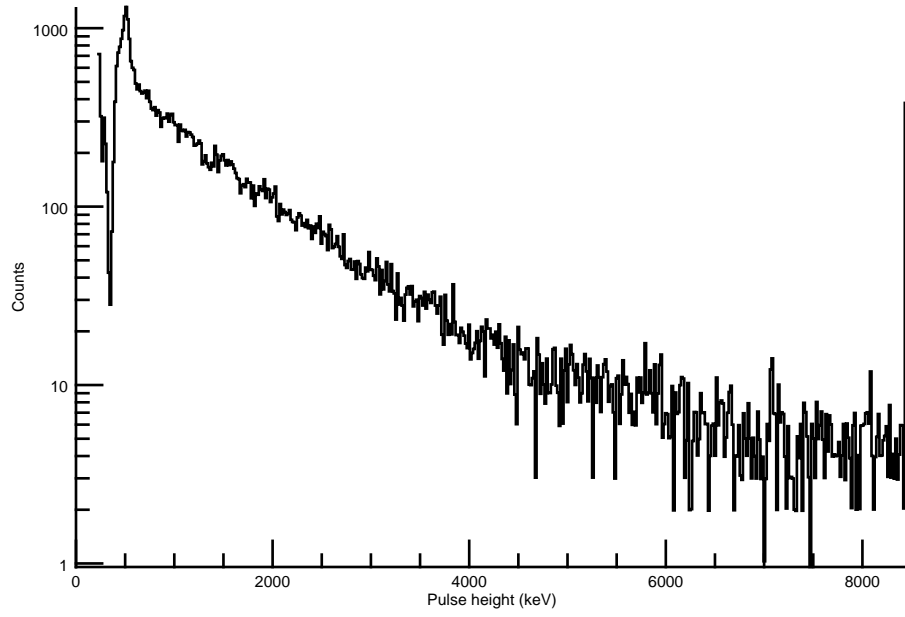




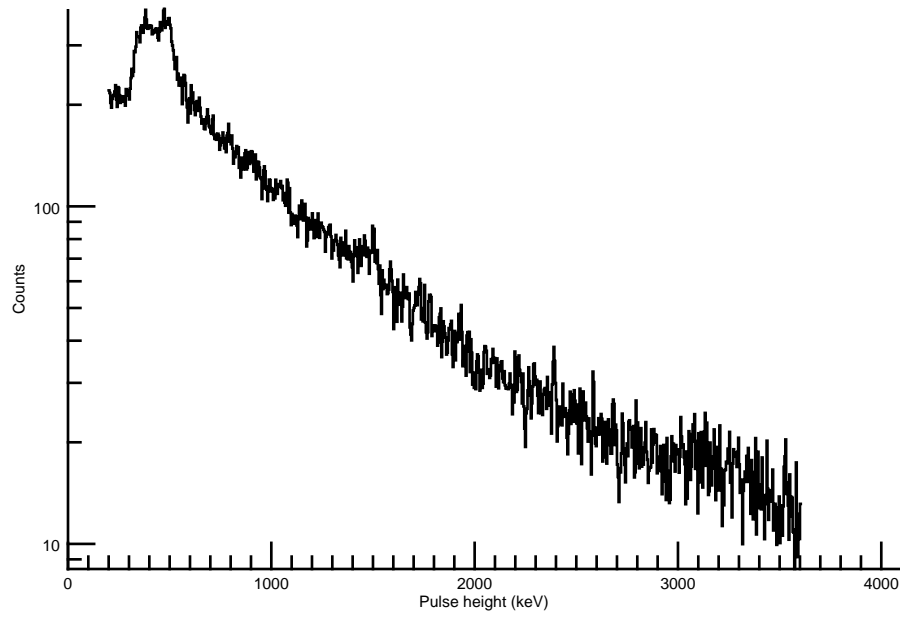


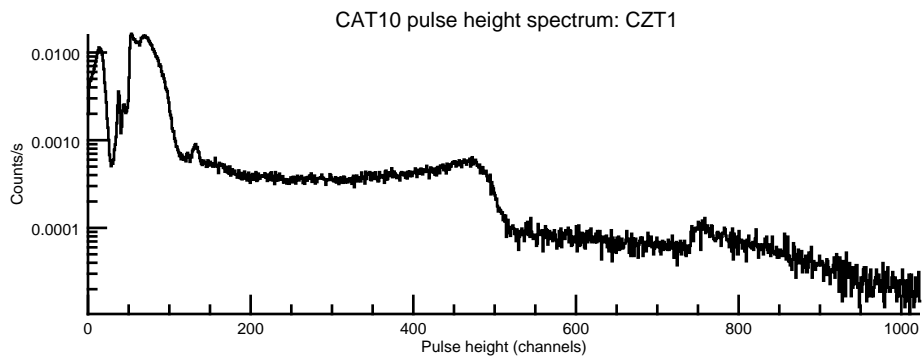
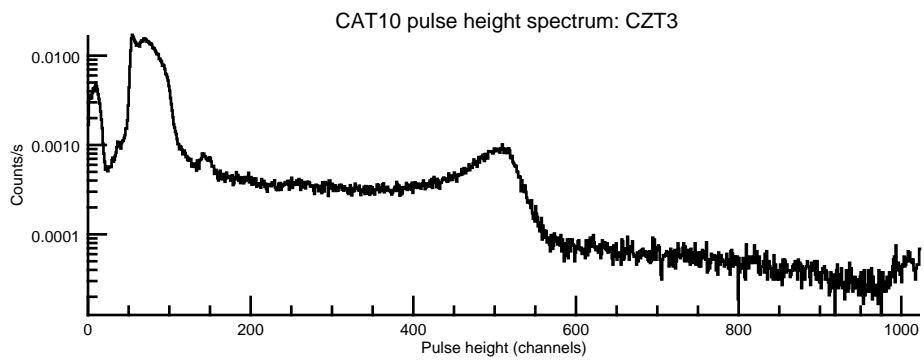
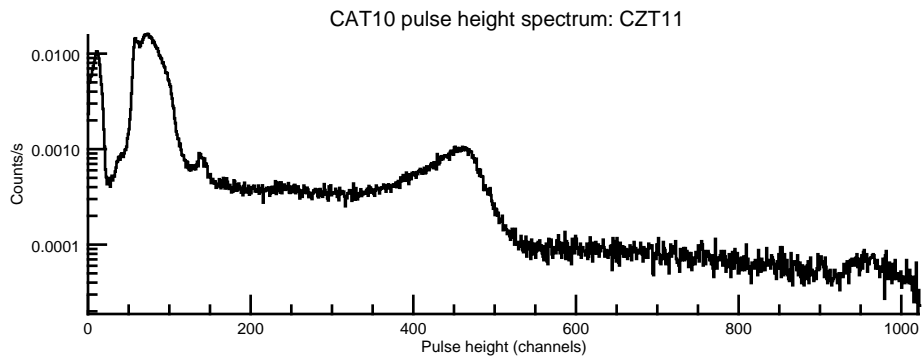


BGO-CZT pair spectrum: BGO

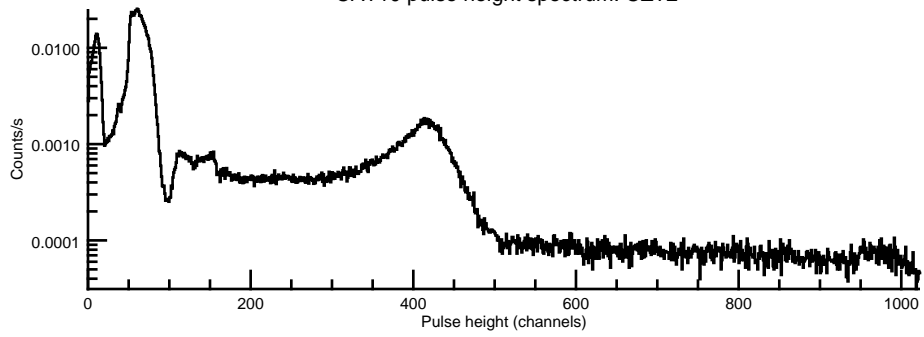


BGO-CZT pair spectrum: CZT

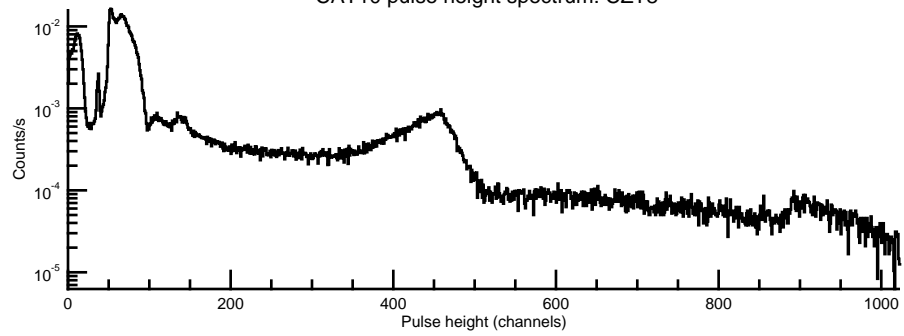




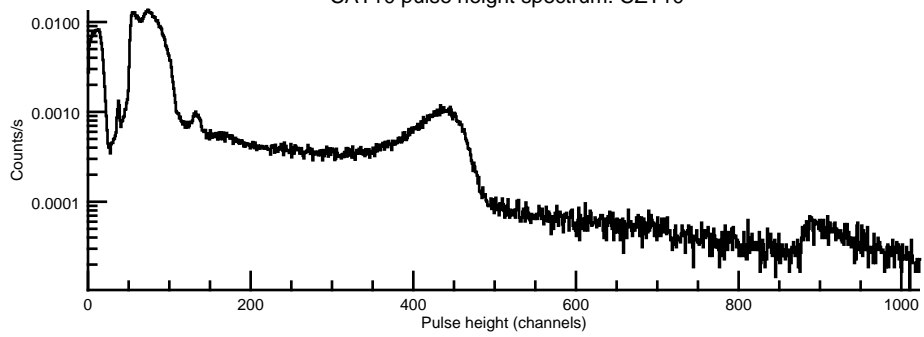
CAT10 pulse height spectrum: CZT2



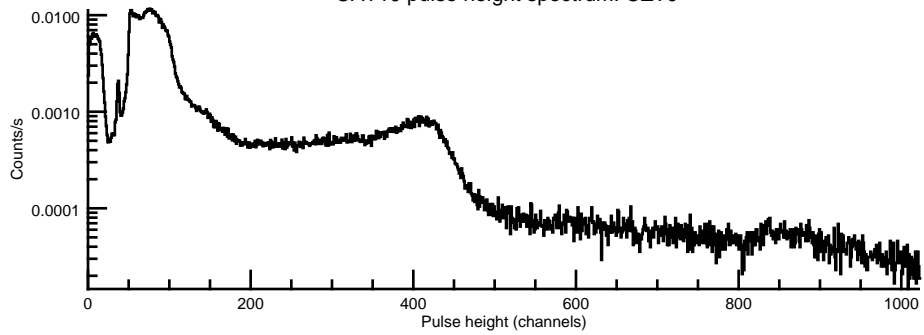
CAT10 pulse height spectrum: CZT8



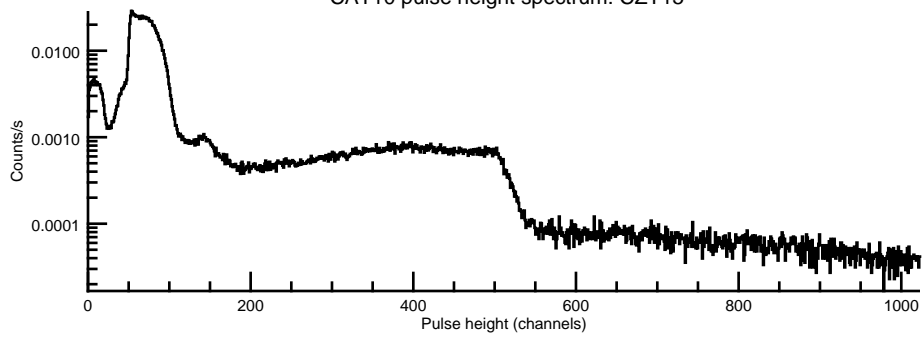
CAT10 pulse height spectrum: CZT10



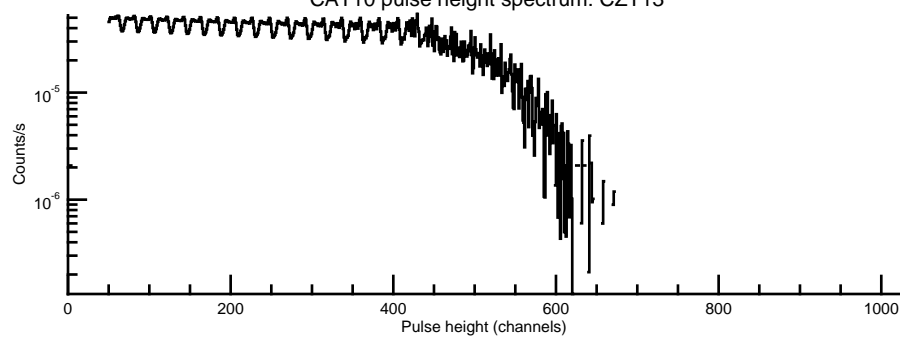
CAT10 pulse height spectrum: CZT0



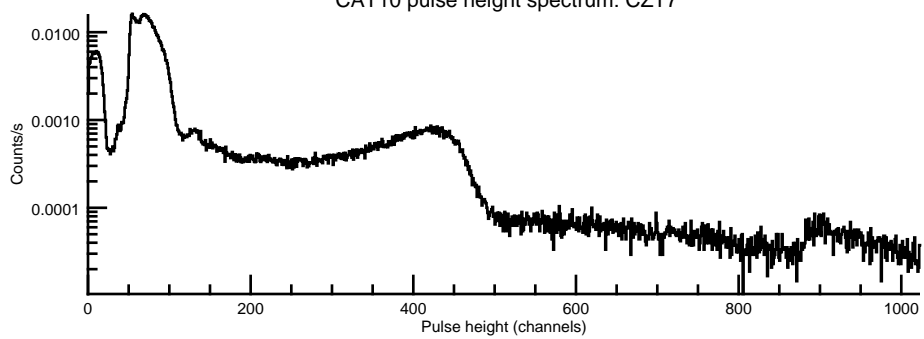
CAT10 pulse height spectrum: CZT15



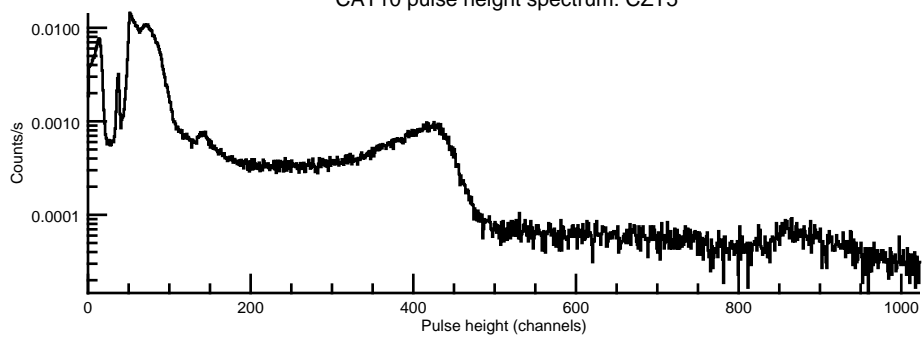
CAT10 pulse height spectrum: CZT13



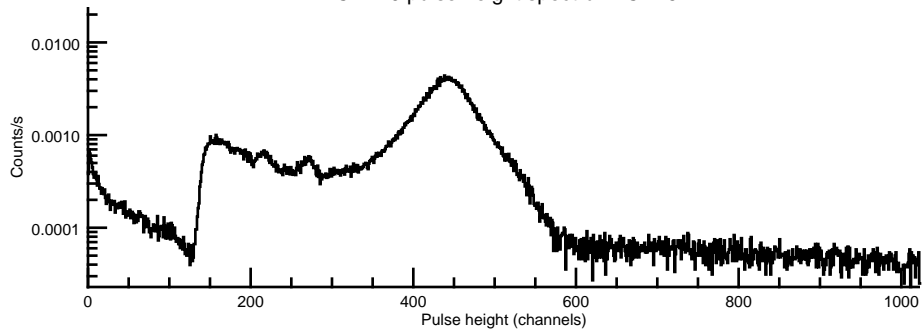
CAT10 pulse height spectrum: CZT7



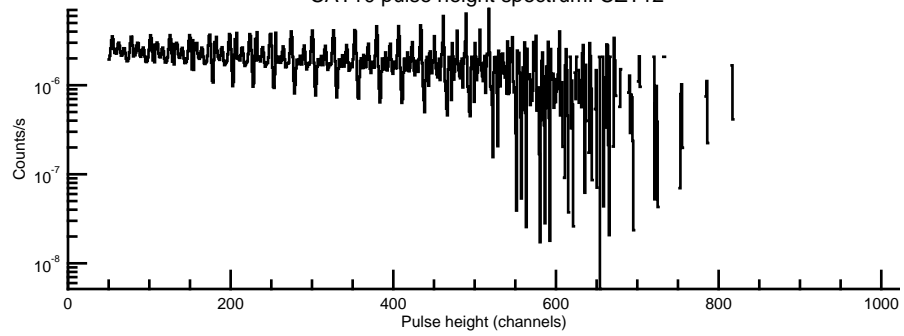
CAT10 pulse height spectrum: CZT5



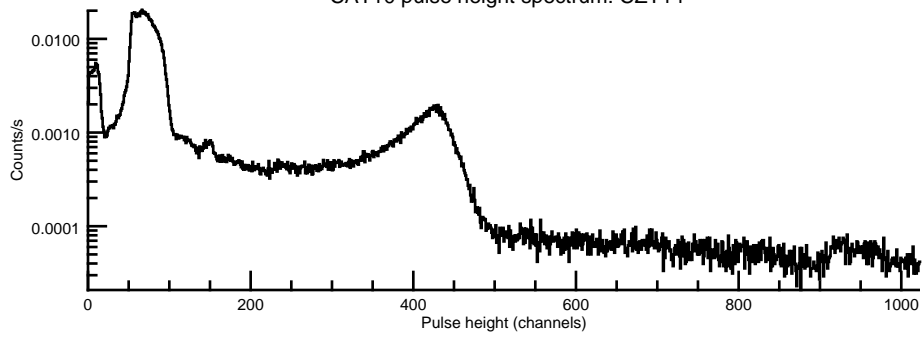
CAT10 pulse height spectrum: CZT6



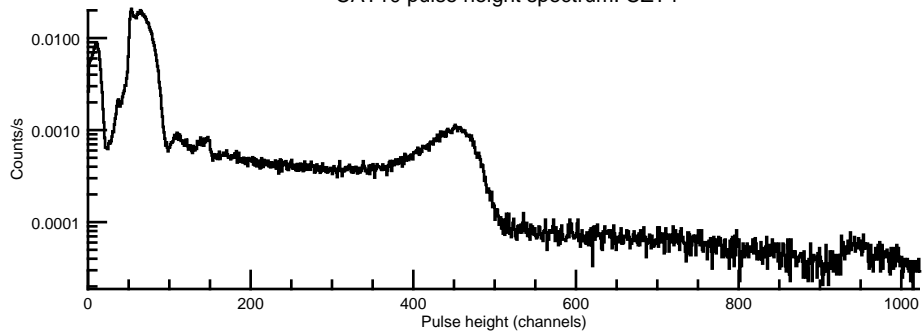
CAT10 pulse height spectrum: CZT12



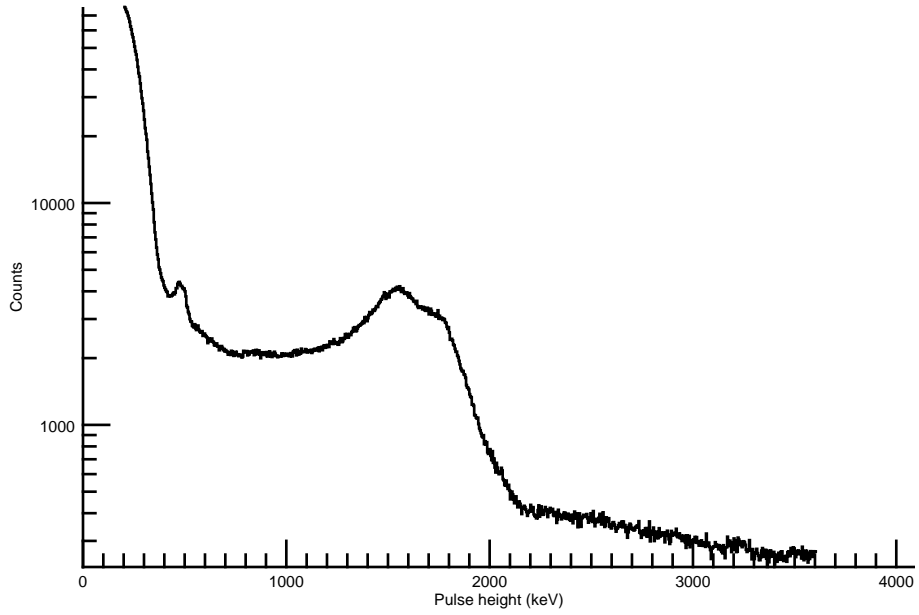
CAT10 pulse height spectrum: CZT14



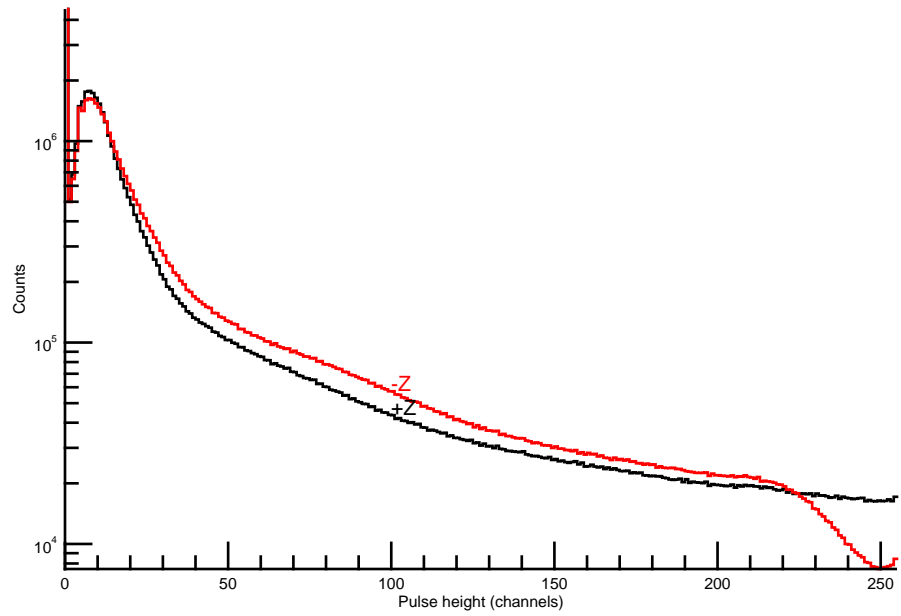
CAT10 pulse height spectrum: CZT4

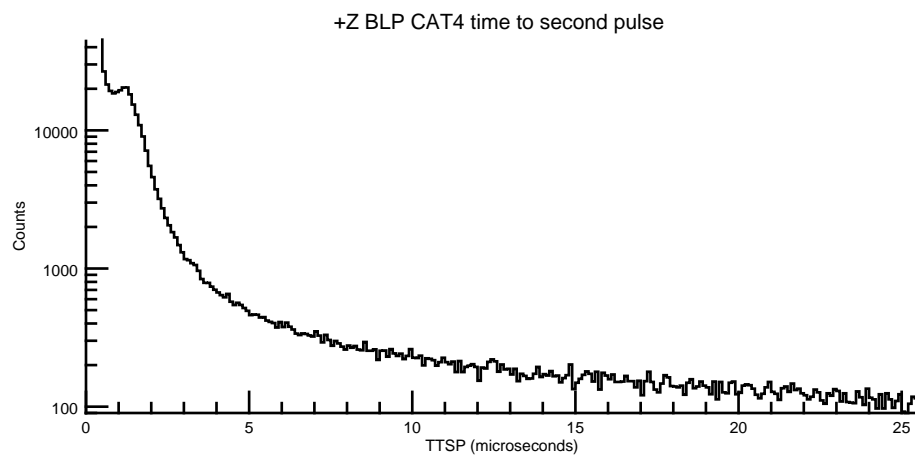
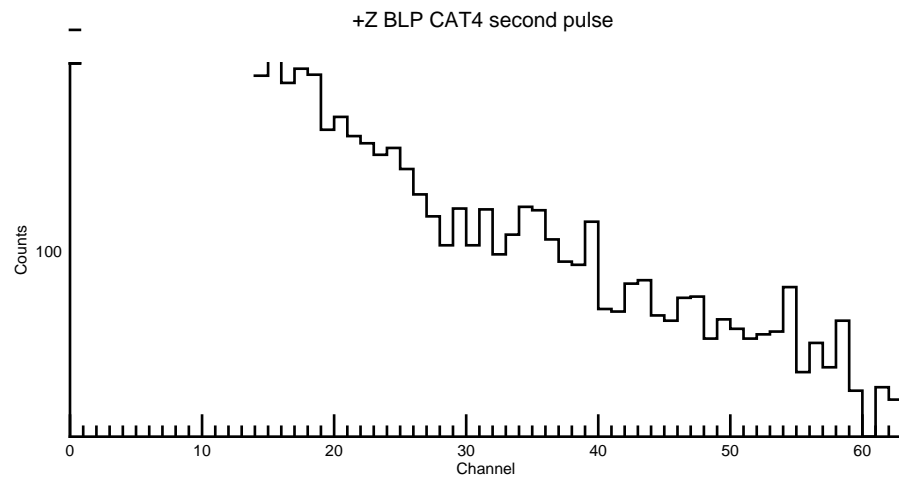
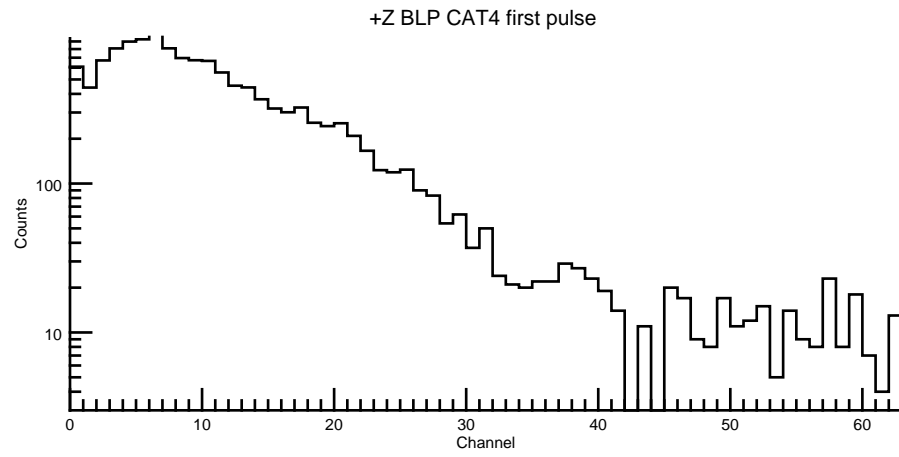


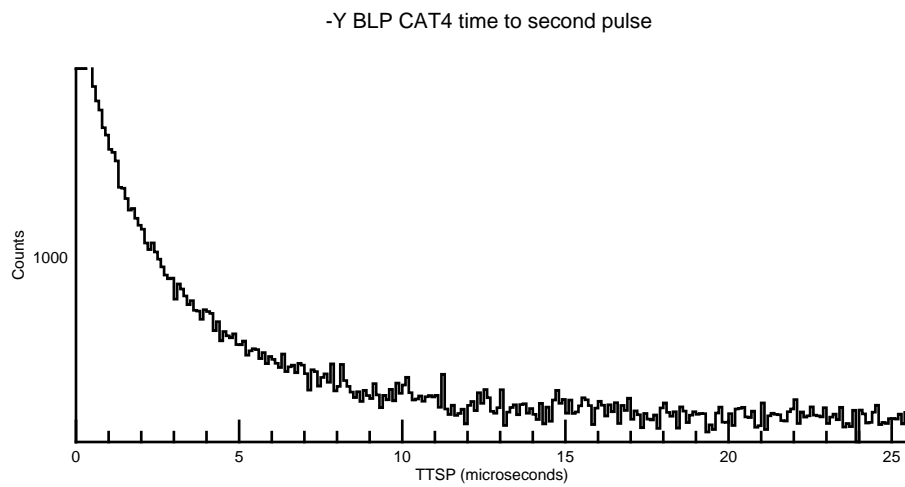
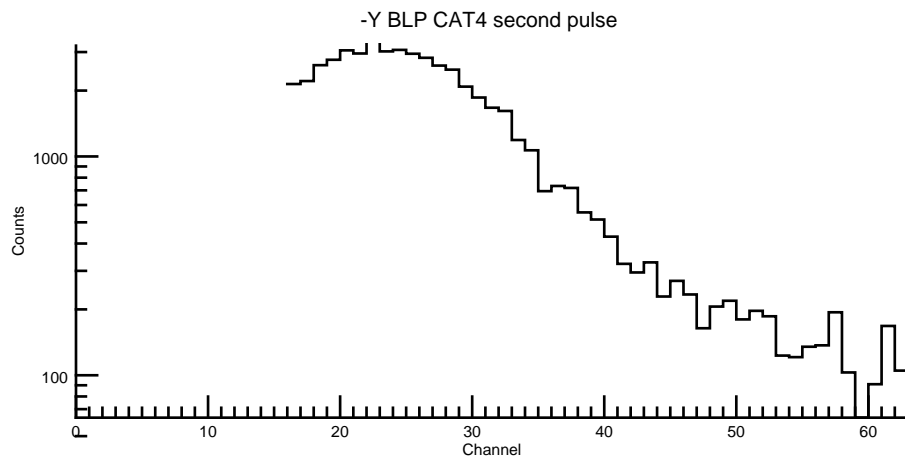
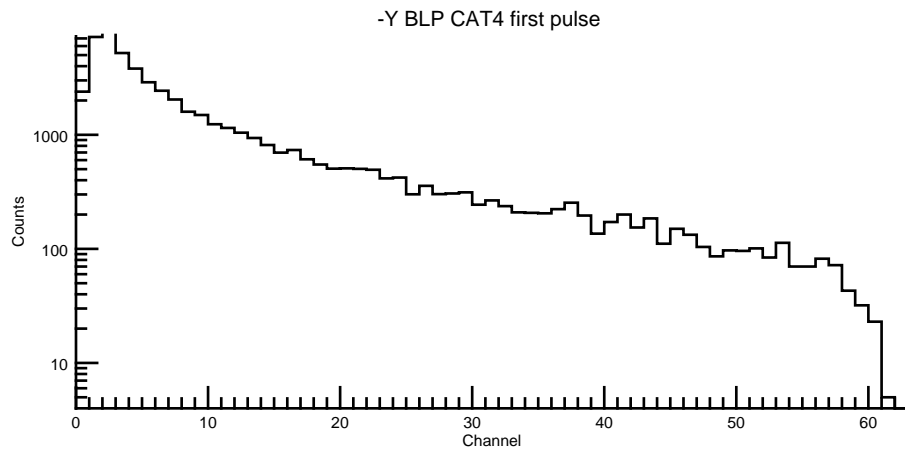
CAT10 CZT composite

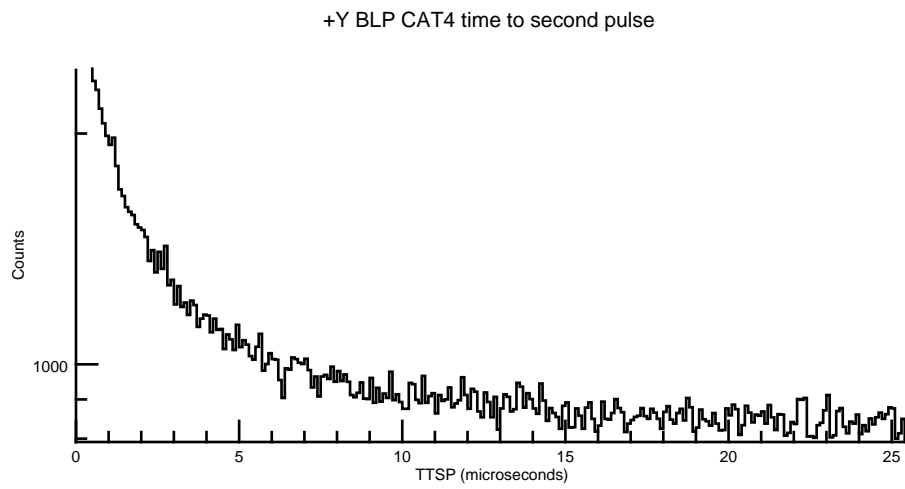
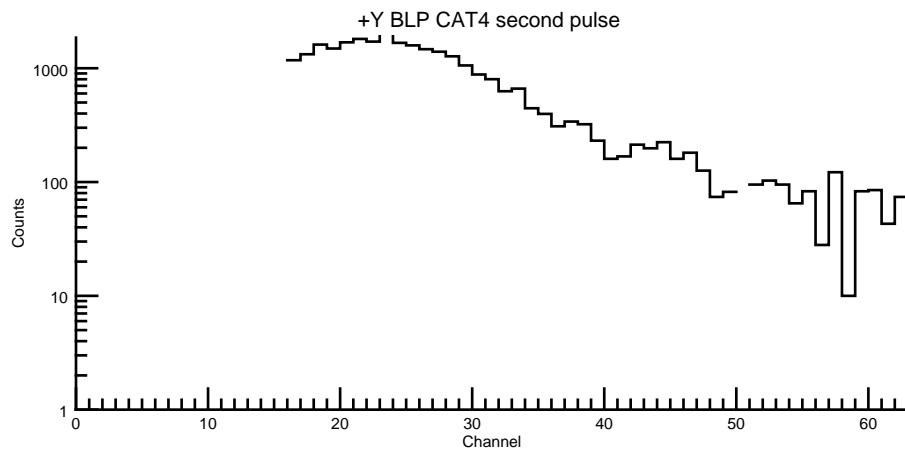
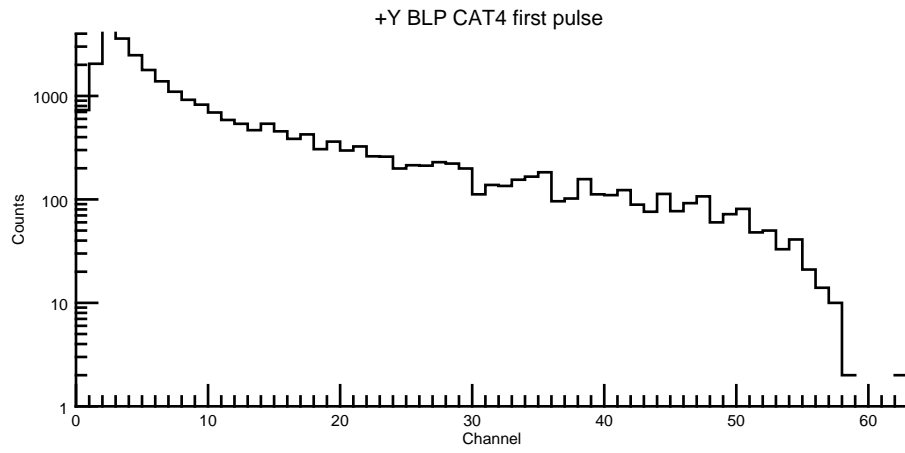


CAT1 histograms

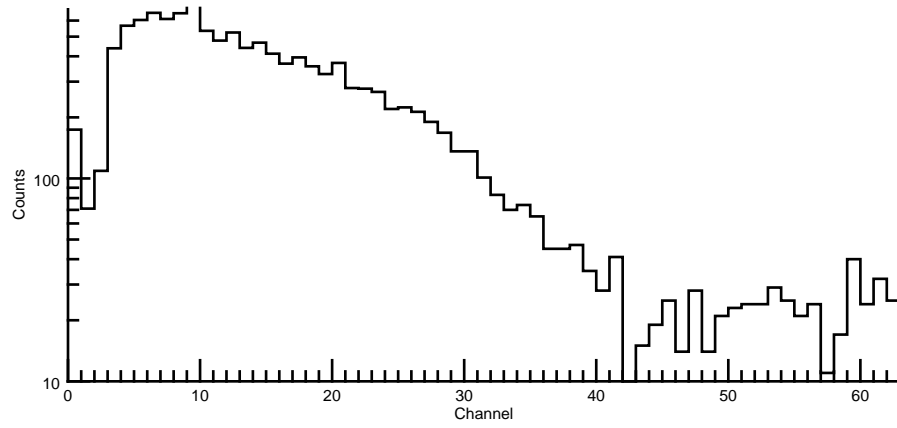




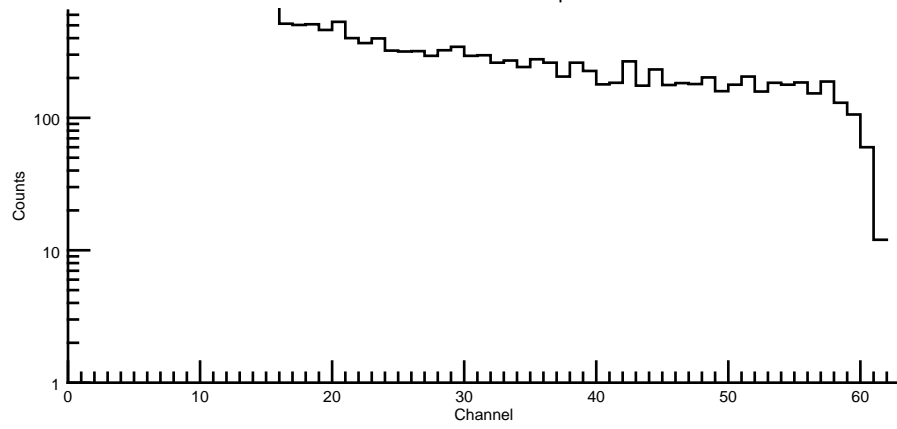




-Z BLP CAT4 first pulse



-Z BLP CAT4 second pulse



-Z BLP CAT4 time to second pulse

