

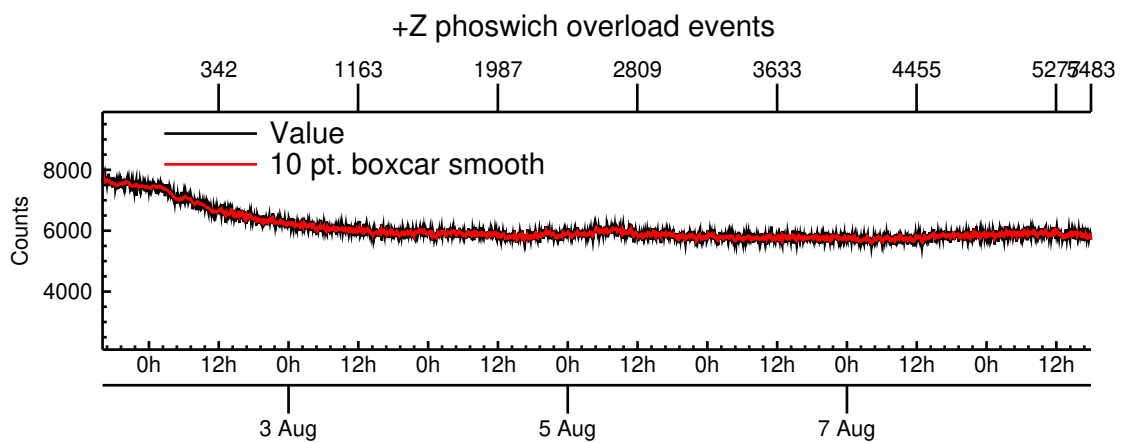
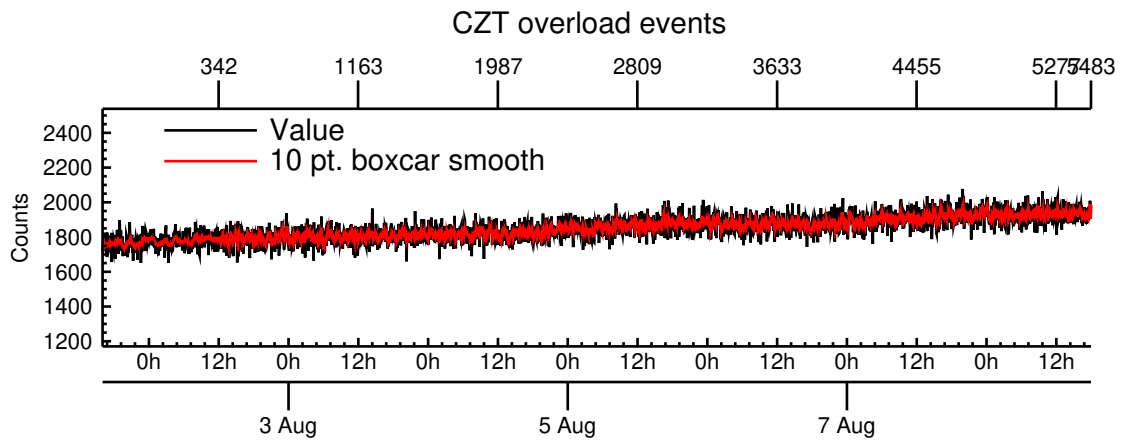
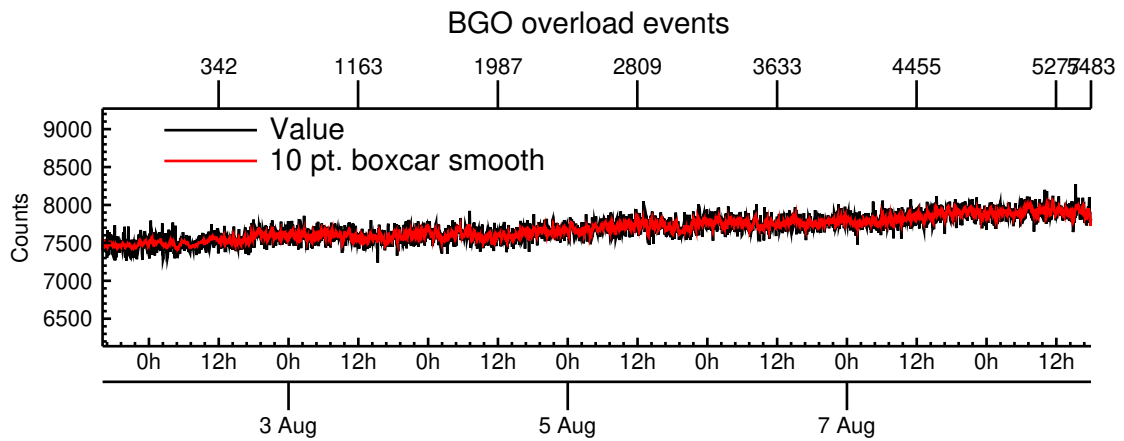
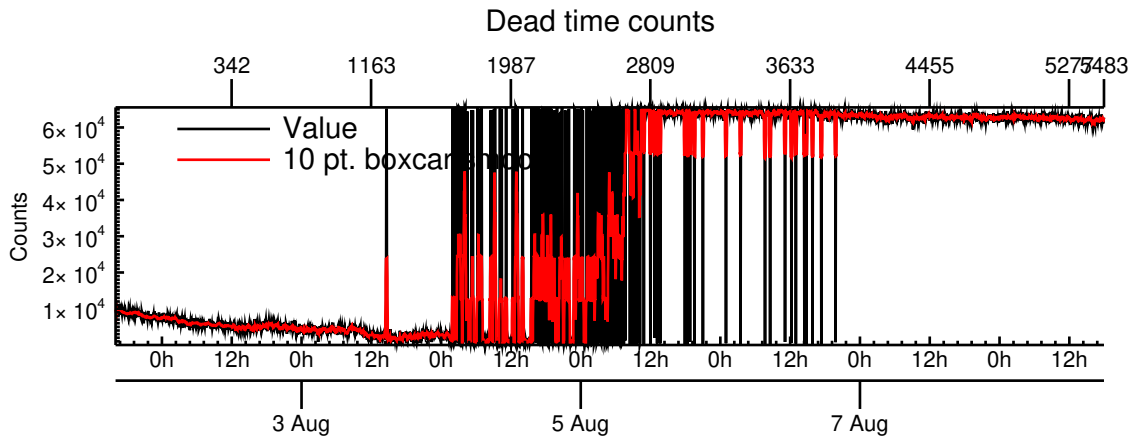
NASA Dawn Mission

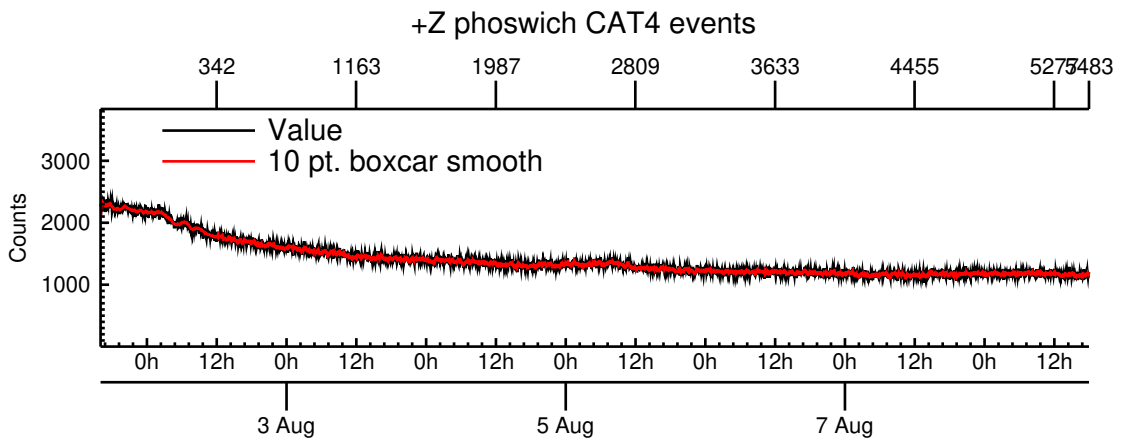
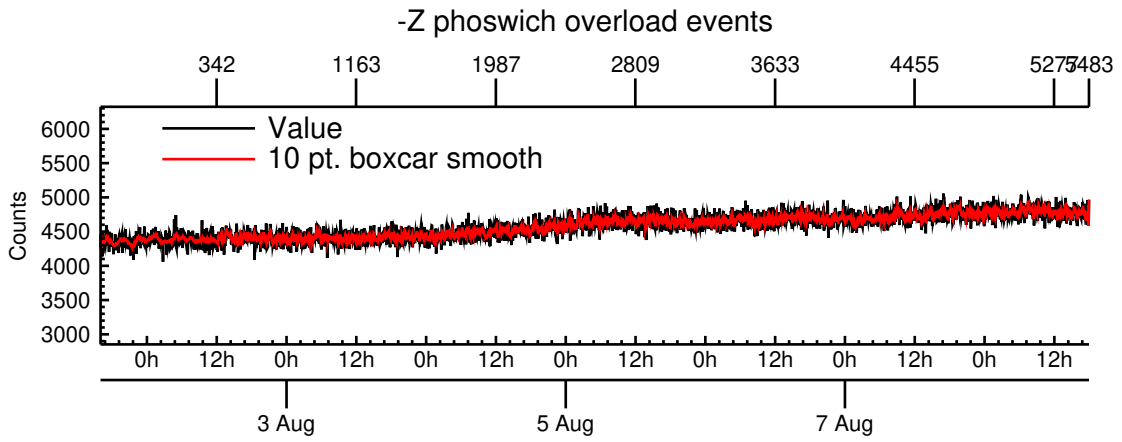
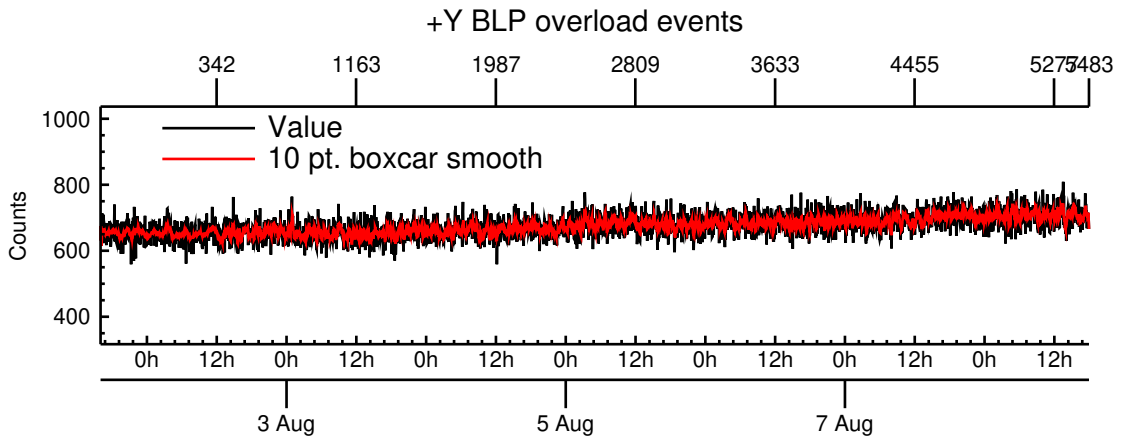
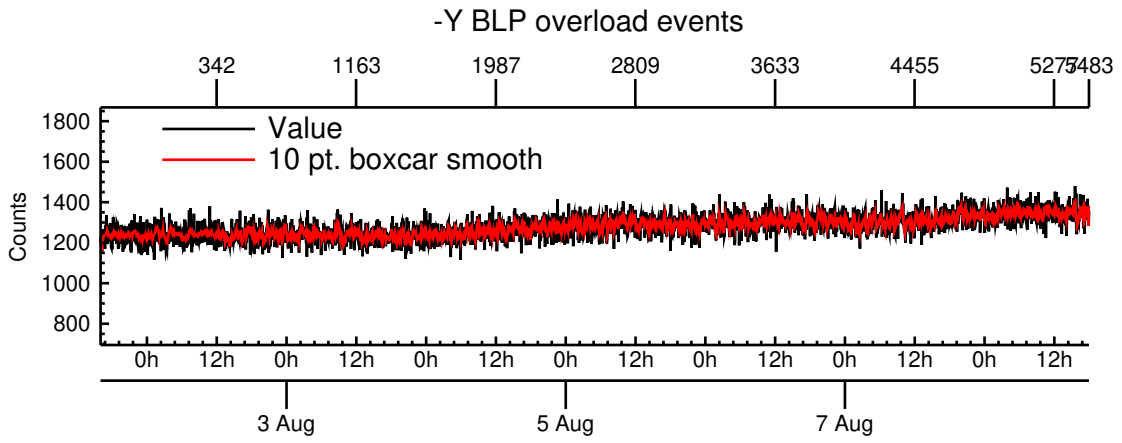
GRaND@Vesta Browse Charts

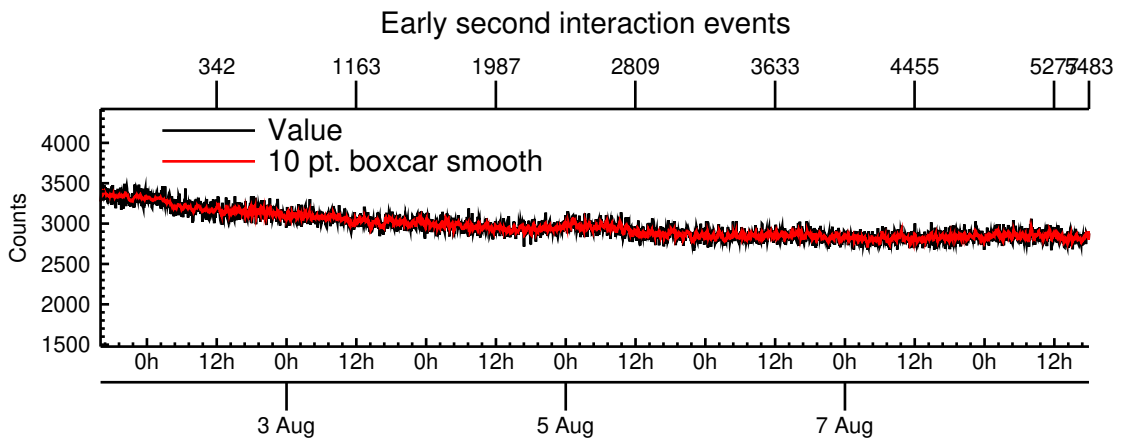
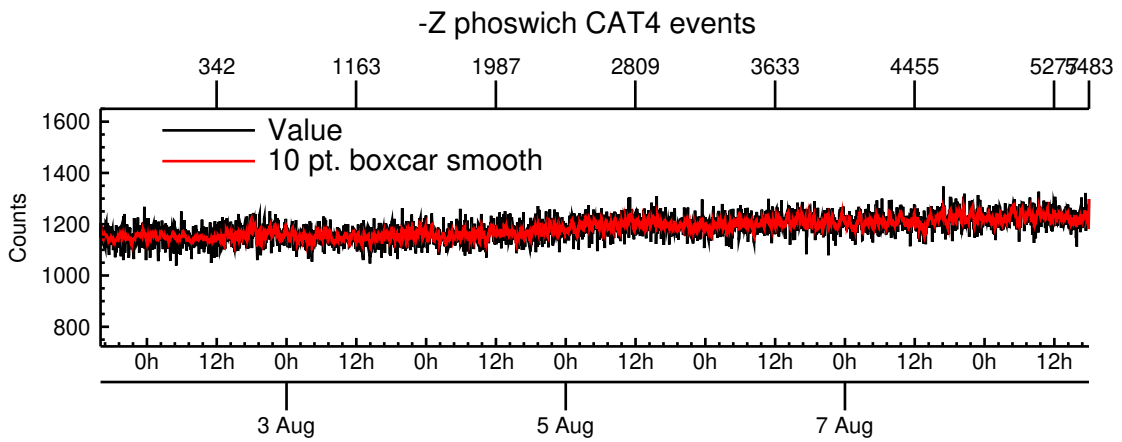
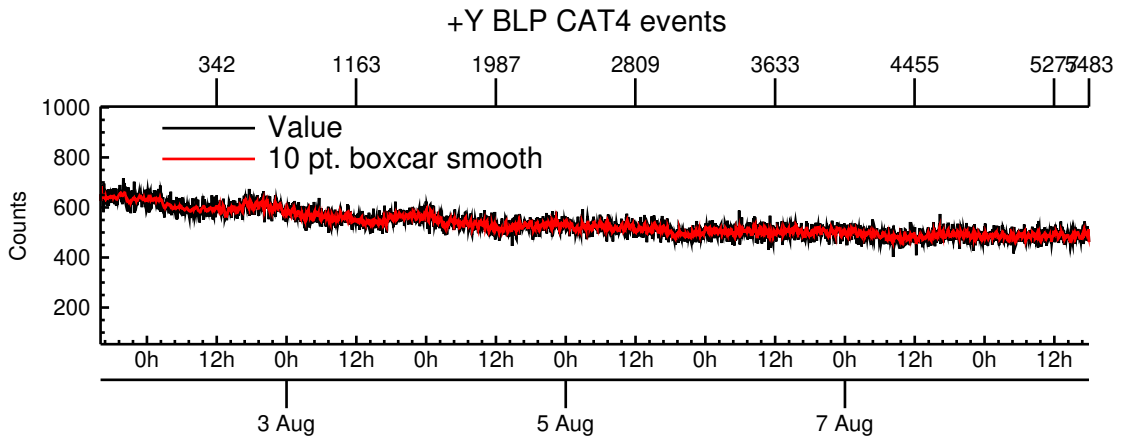
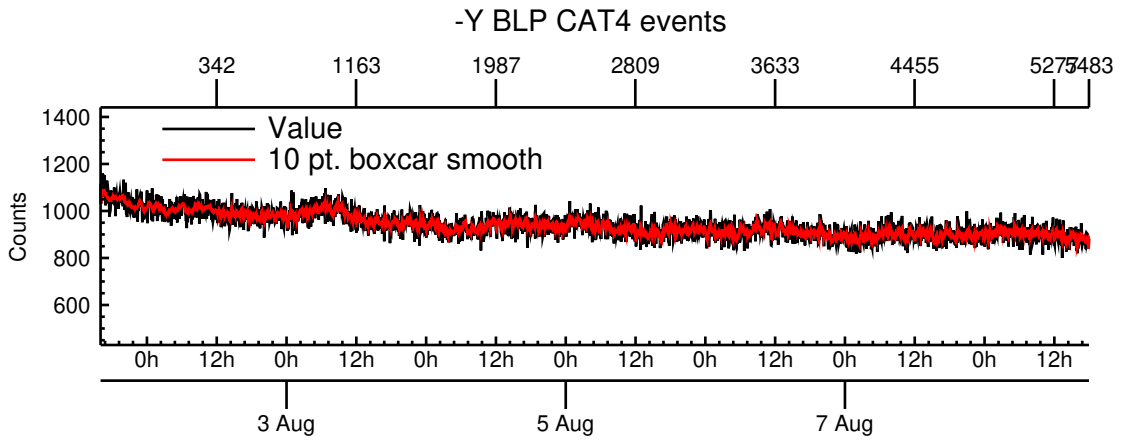
GRD-L1A-120801-120808_130718

- Number of science records: 5484
42047768 missing science packets with 2570 gaps.
Start/End: 2012-08-01T16:02:18 to 2012-08-08T17:57:48
- Number of SOH records: 32909
147391424 missing SOH packets with 8997 gaps.
Start/End: 2012-08-01T16:00:11 to 2012-08-08T17:59:11
- 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.
- Number of states = 1
- Instrument settings for first state (STATE_INDEX 0):

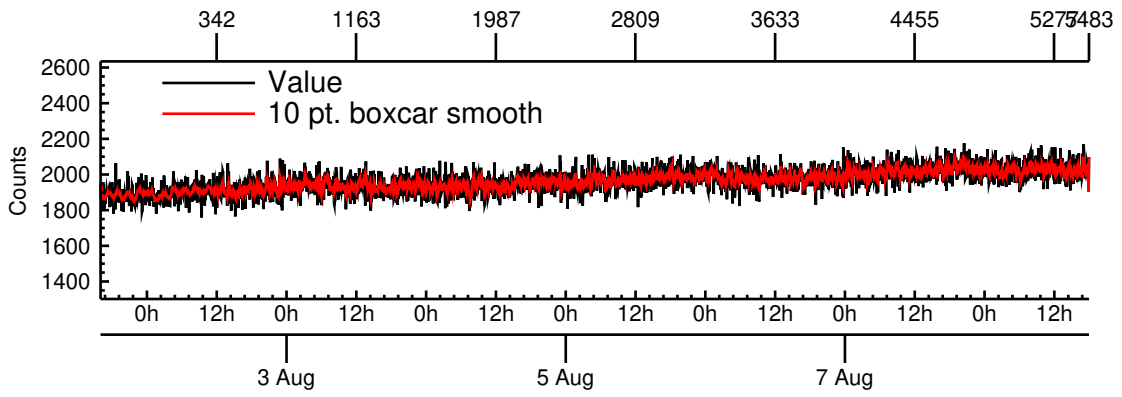
| | | | |
|----------------|------------------|---------------|------|
| TELREADOUT | 210 | NEMG_TOT_EVTS | 3876 |
| TELSOH | 35 | NEMG_CZT_EVTS | 3376 |
| MODE | 1 | NEMN_TOT_EVTS | 2800 |
| HVPS1 | 1 | L_BGO_CW | 7 |
| HVPS1_SET | 185 | H_BGO_CW | 25 |
| HVPS2 | 1 | L_BGO_ROI | 1 |
| HVPS2_SET | 170 | H_BGO_ROI | 64 |
| HVPS3 | 1 | L_BLP_MY_CW | 1 |
| HVPS3_SET | 175 | H_BLP_MY_CW | 64 |
| HVPS4 | 1 | L_BLP_MY_ROI | 1 |
| HVPS4_SET | 180 | H_BLP_MY_ROI | 64 |
| HVPS5 | 1 | L_BLP_PY_CW | 1 |
| HVPS5_SET | 125 | 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 |
| P12_LVPS | 1 | H_BLP_MZ_CW | 64 |
| HEATERS_ENABLE | 0 | L_BLP_MZ_ROI | 1 |
| CZT_PM5_LVPS | 1 | H_BLP_MZ_ROI | 64 |
| CZT_ENABLES | | L_BLP_PZ_CW | 1 |
| | 0010001000000010 | H_BLP_PZ_CW | 64 |
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| | | H_BLP_PZ_ROI | 64 |



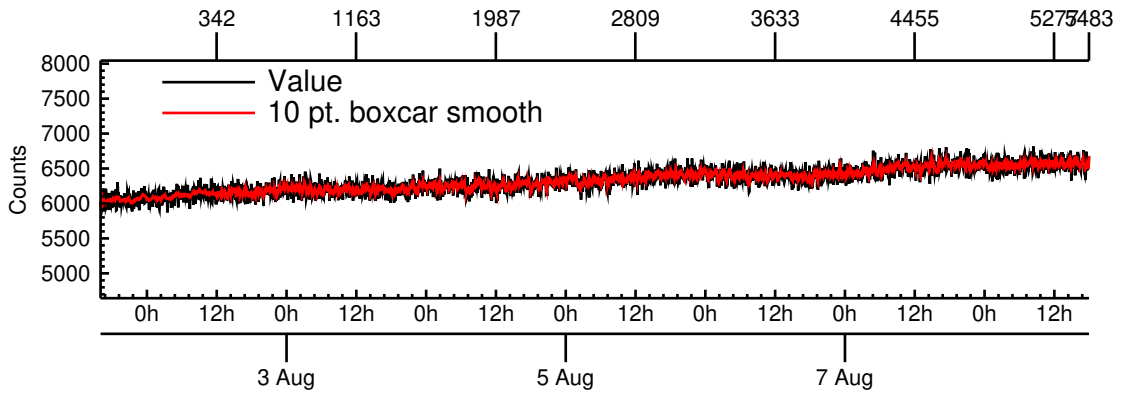




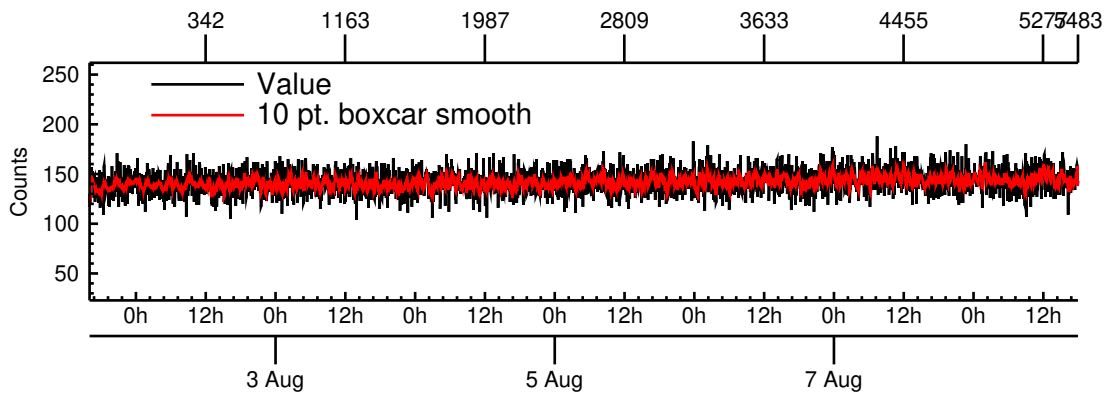
Multiple-crystal CZT events



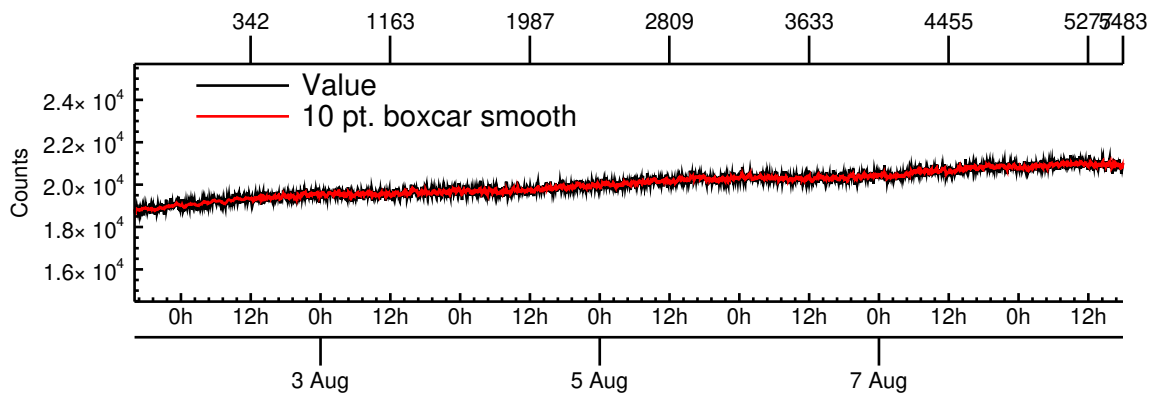
Valid CZT events (CAT10)

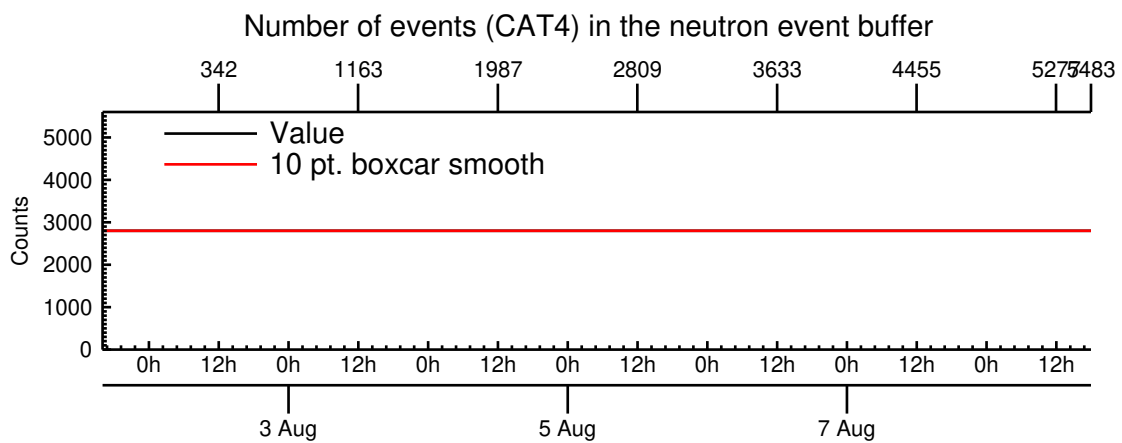
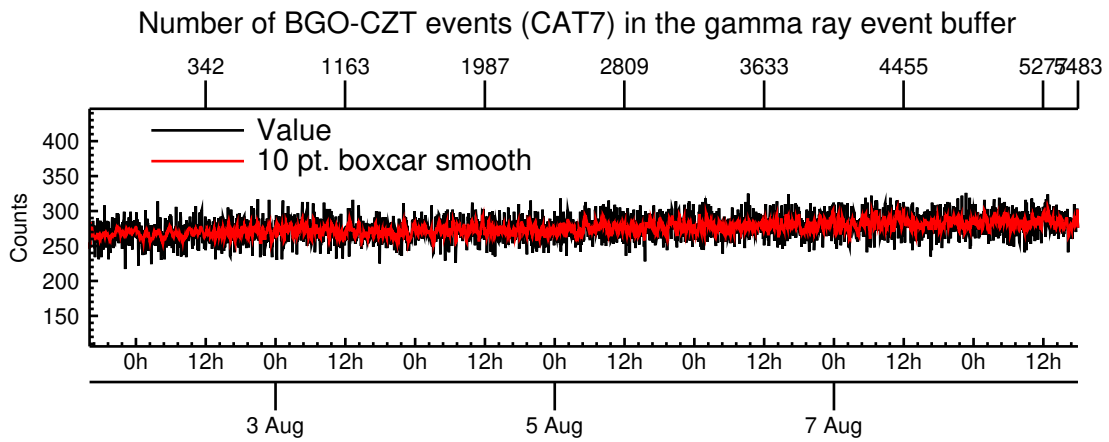
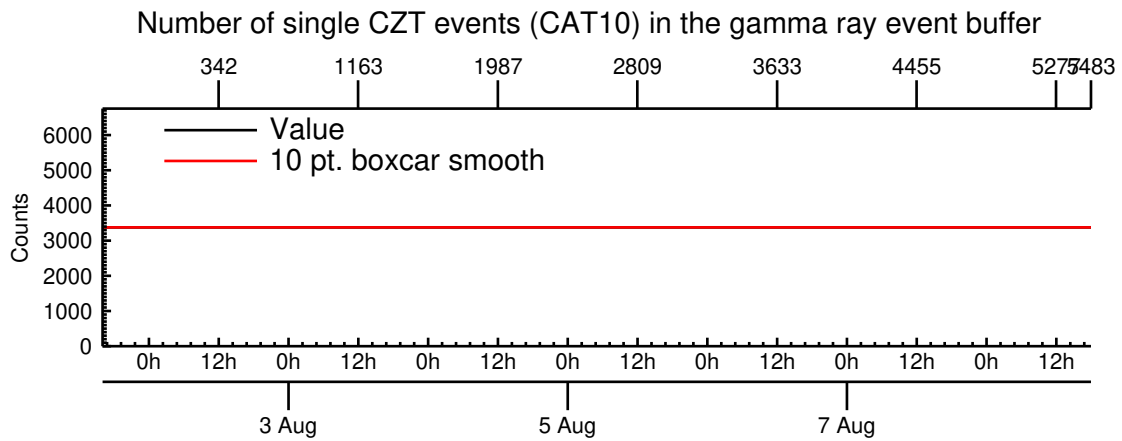
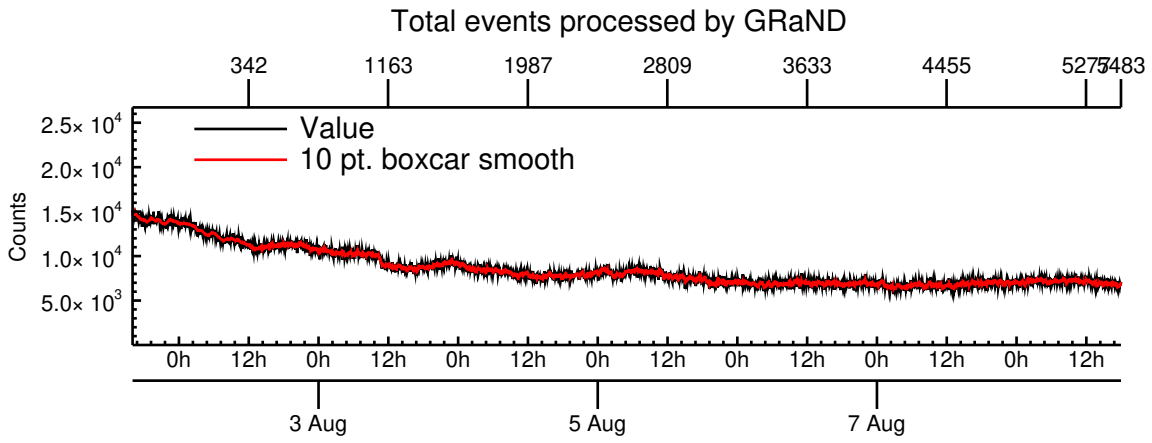


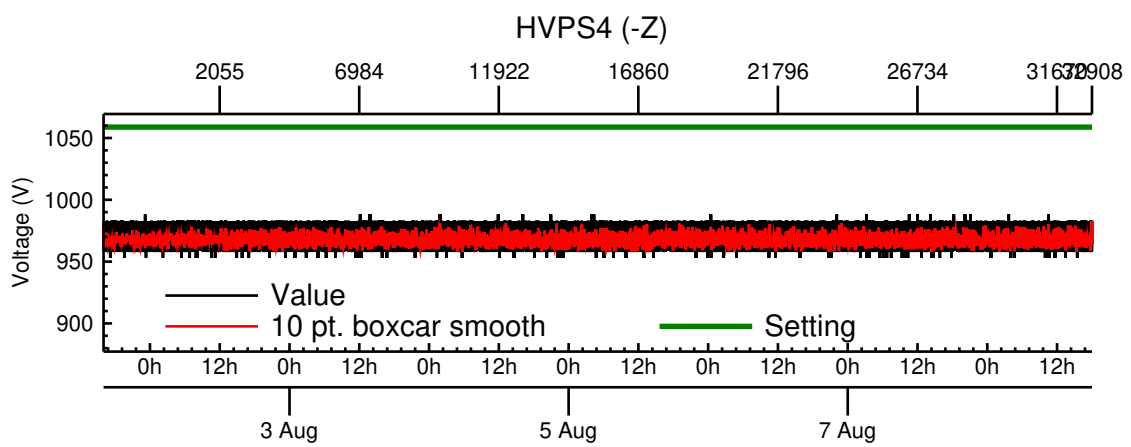
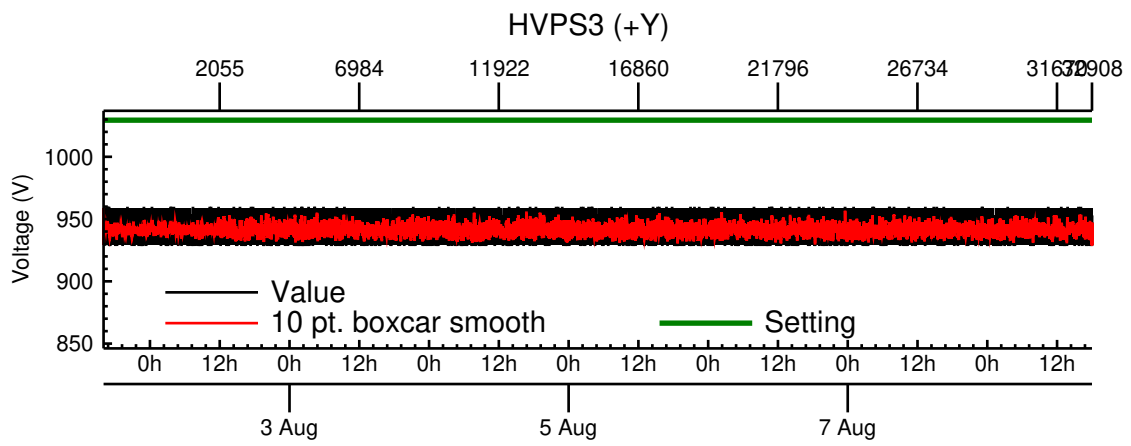
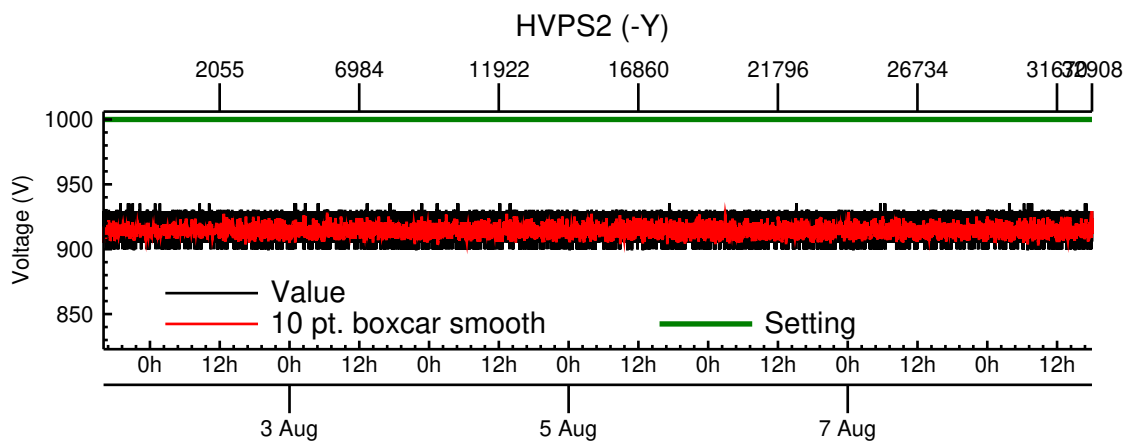
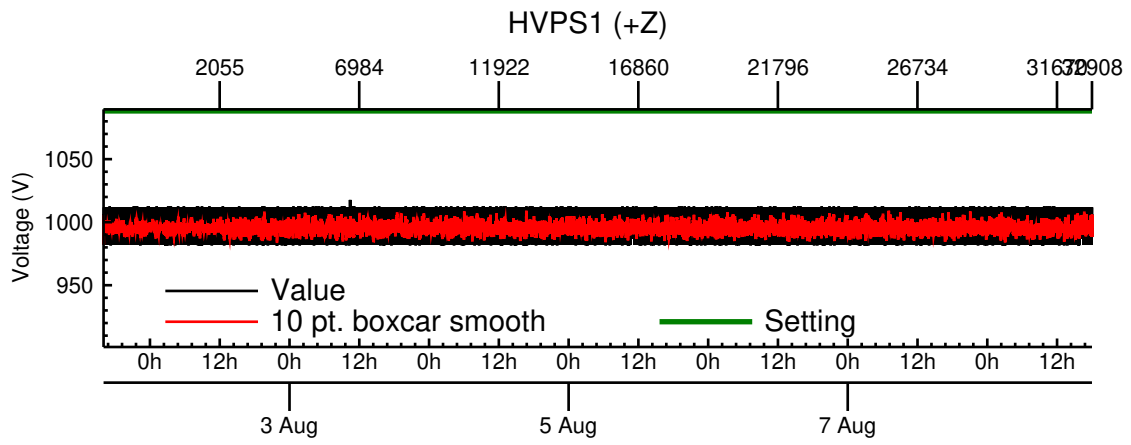
Coincidence BGO and CZT events (CAT7)

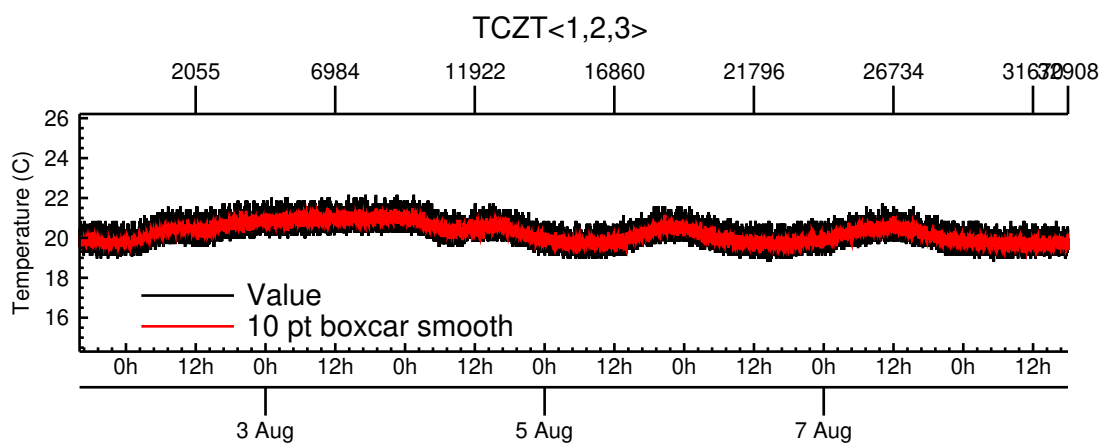
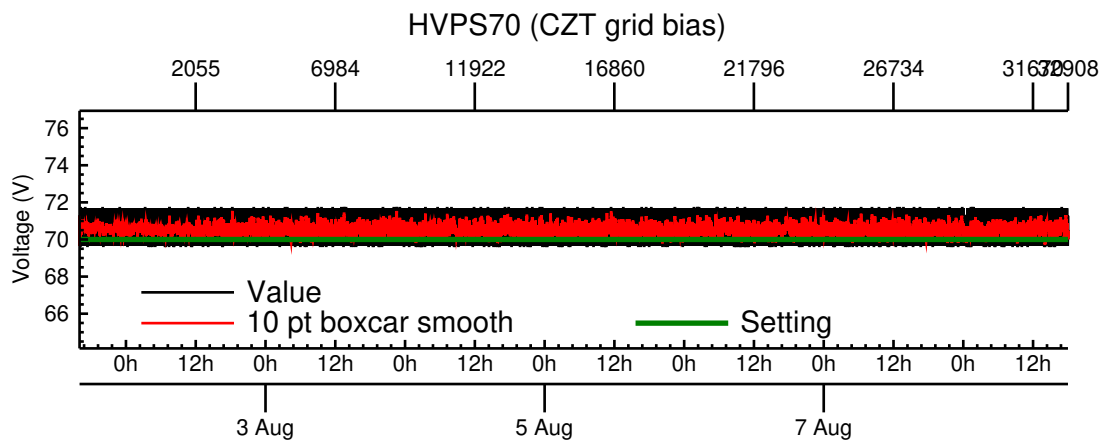
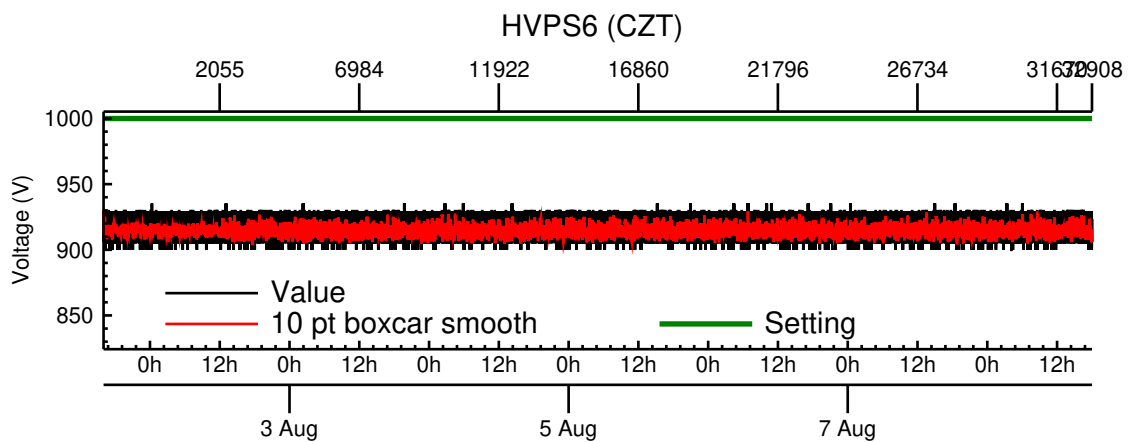
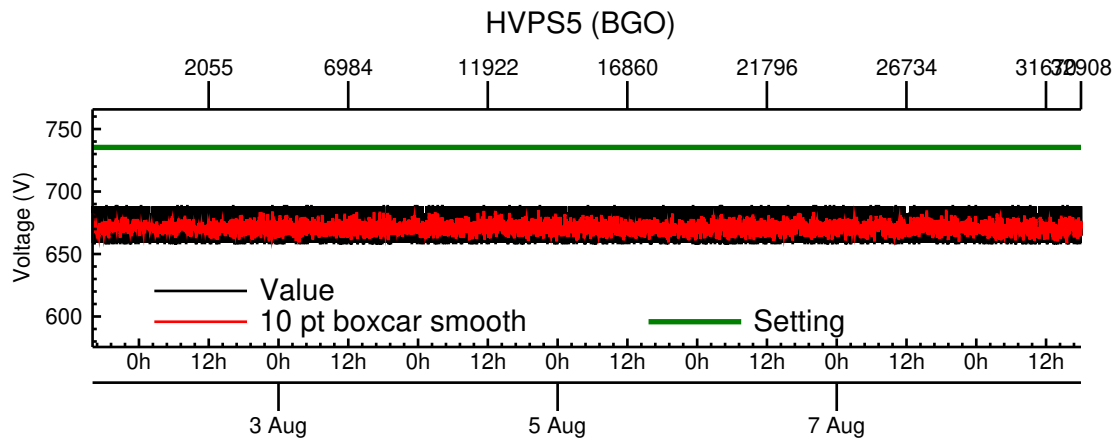


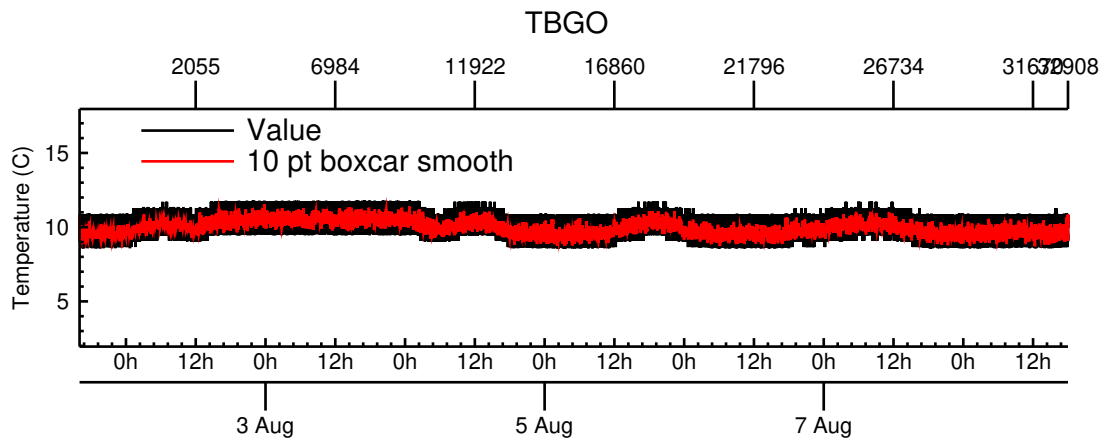
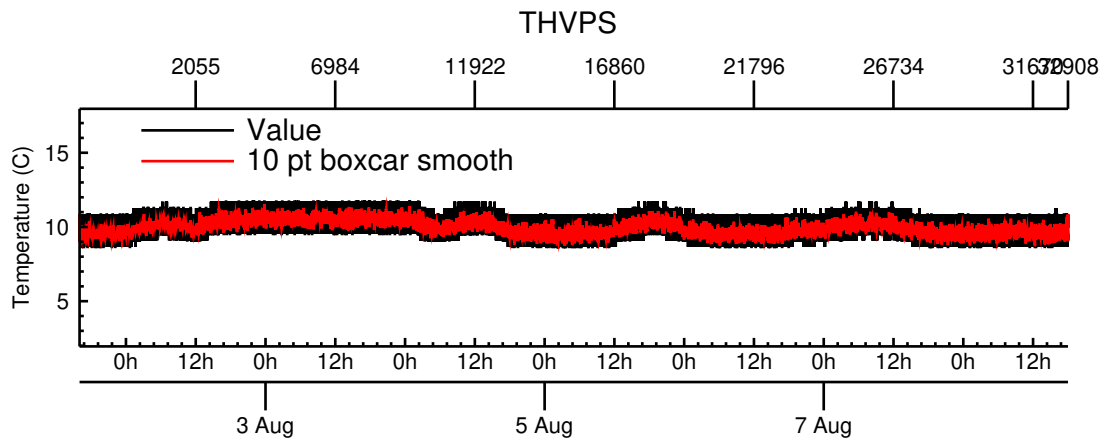
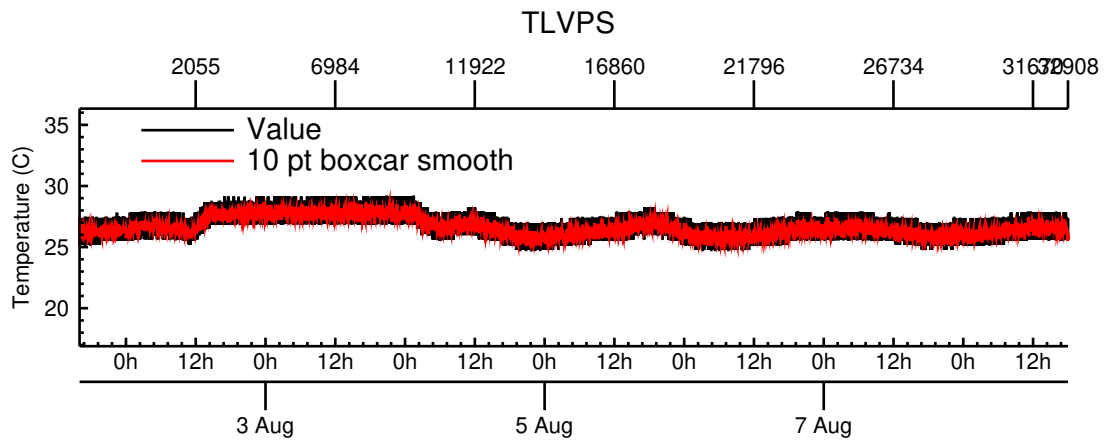
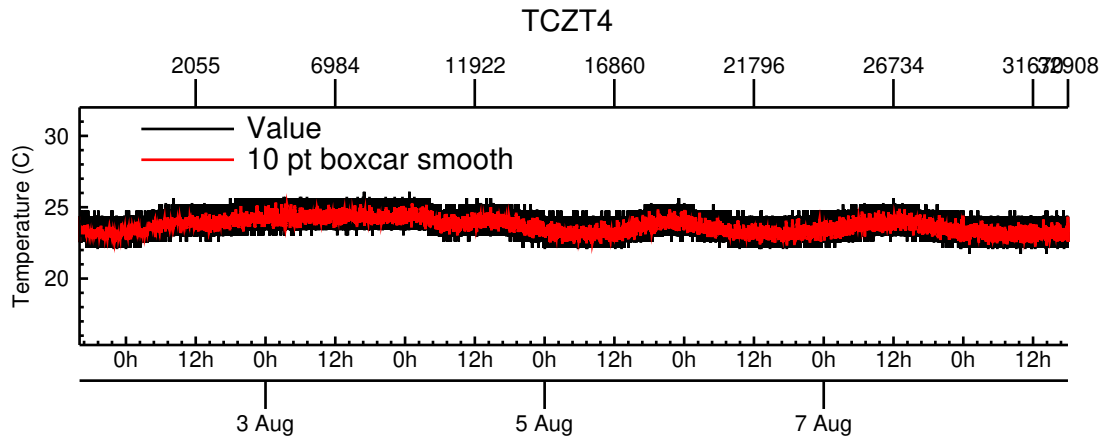
Coincidence of three or more sensor elements

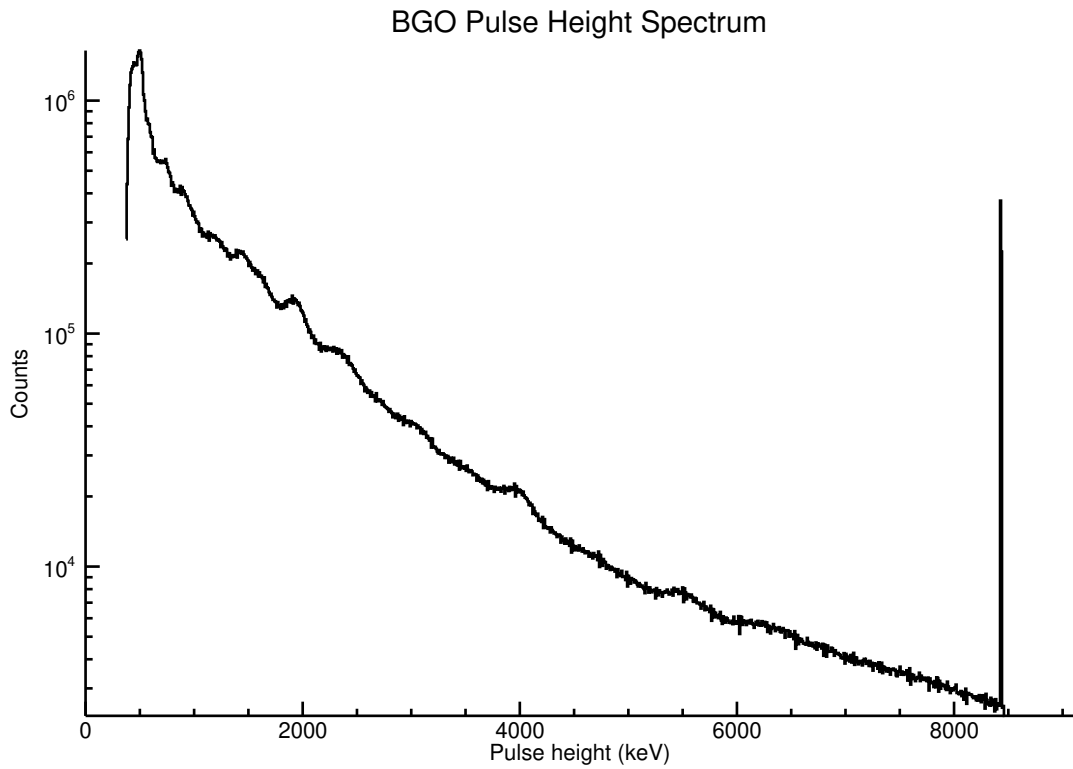
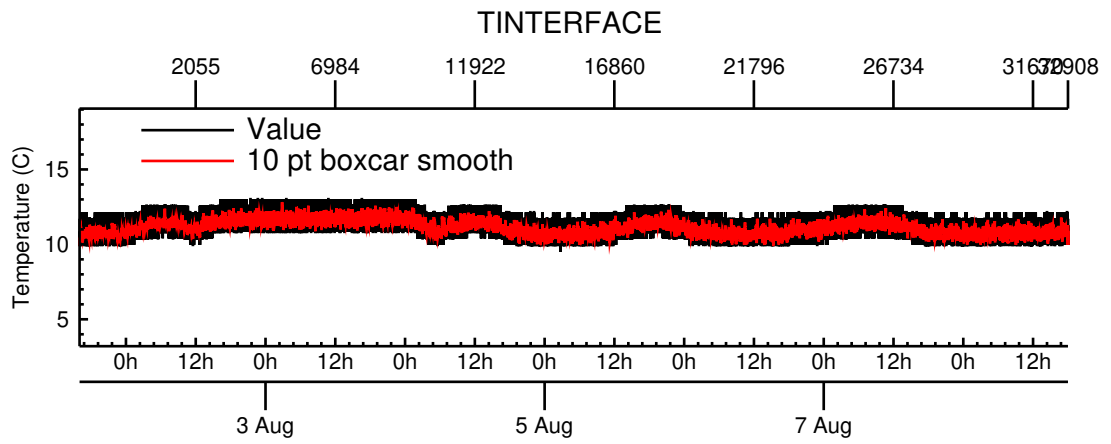
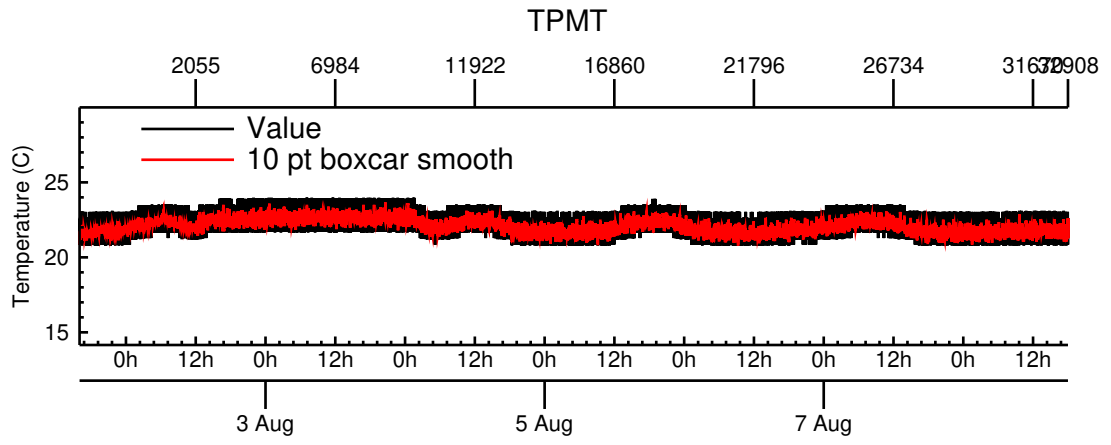




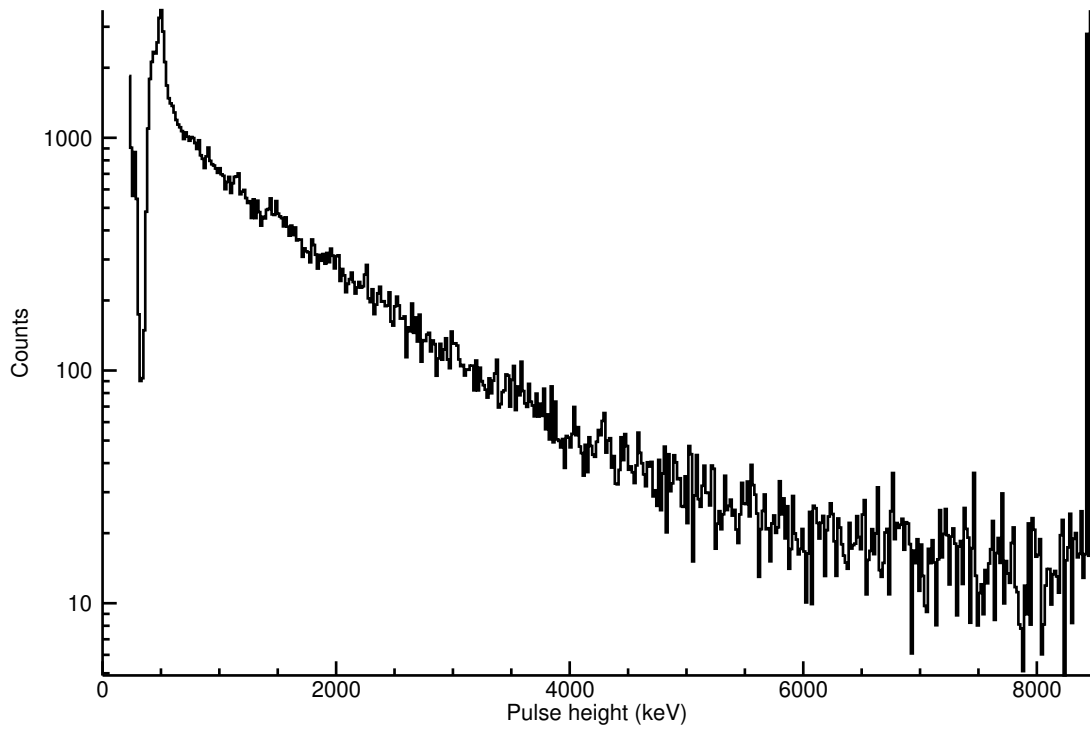




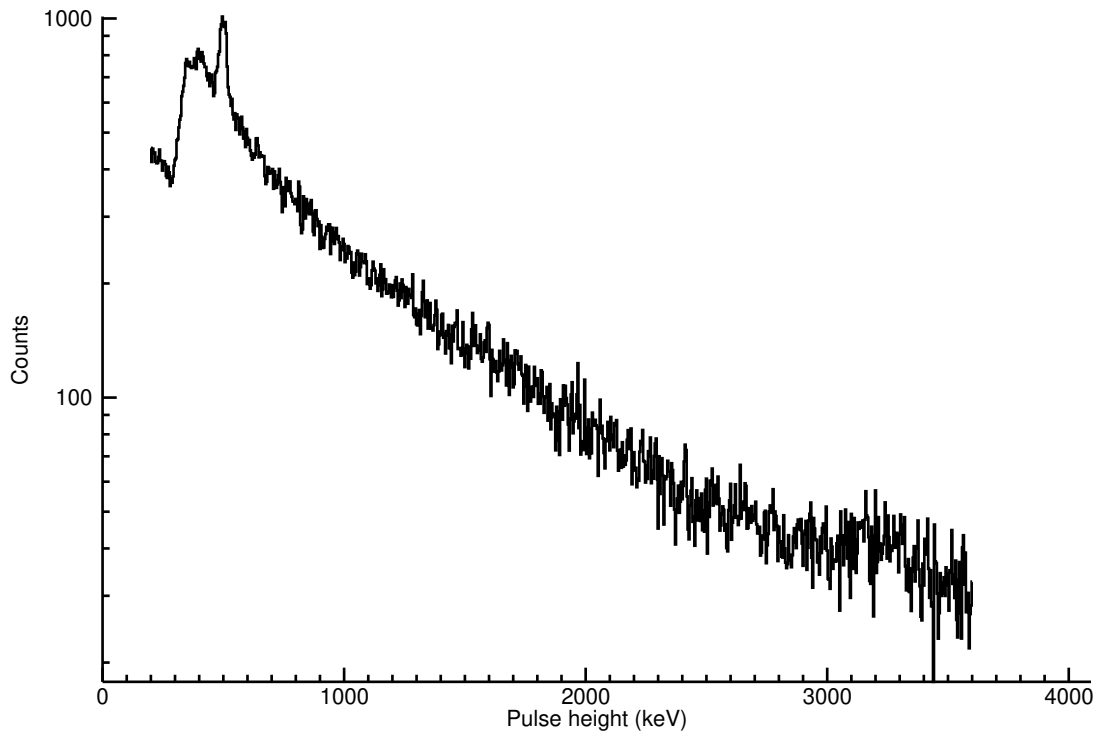




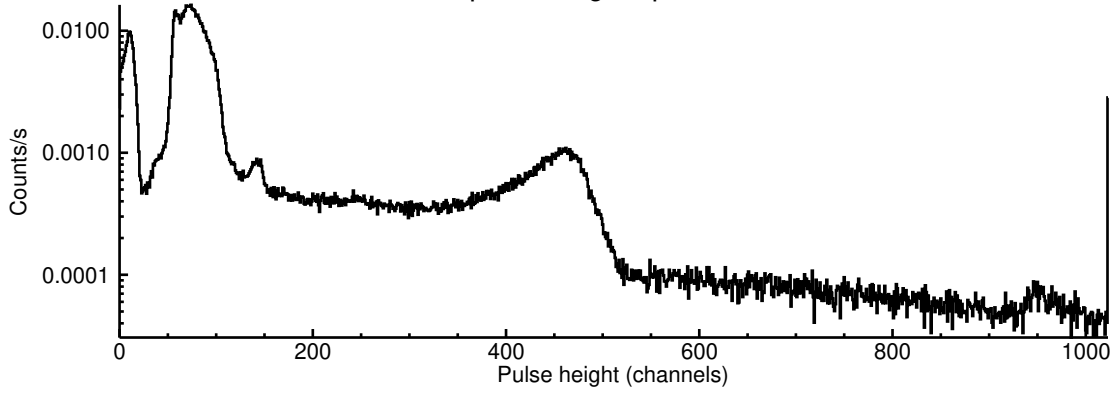
BGO-CZT pair spectrum: BGO



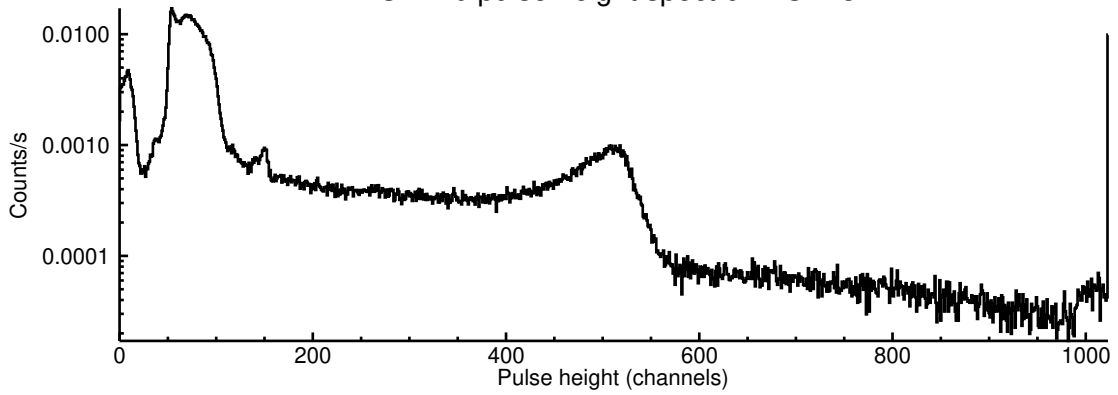
BGO-CZT pair spectrum: CZT



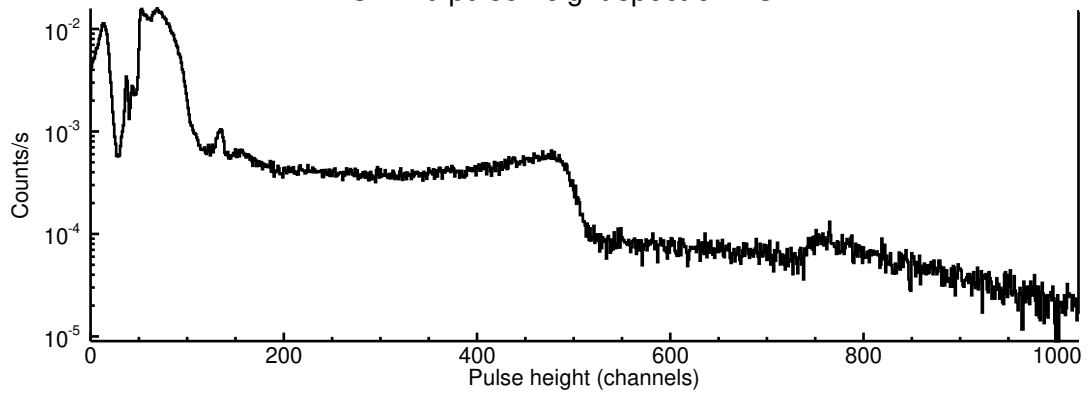
CAT10 pulse height spectrum: CZT11



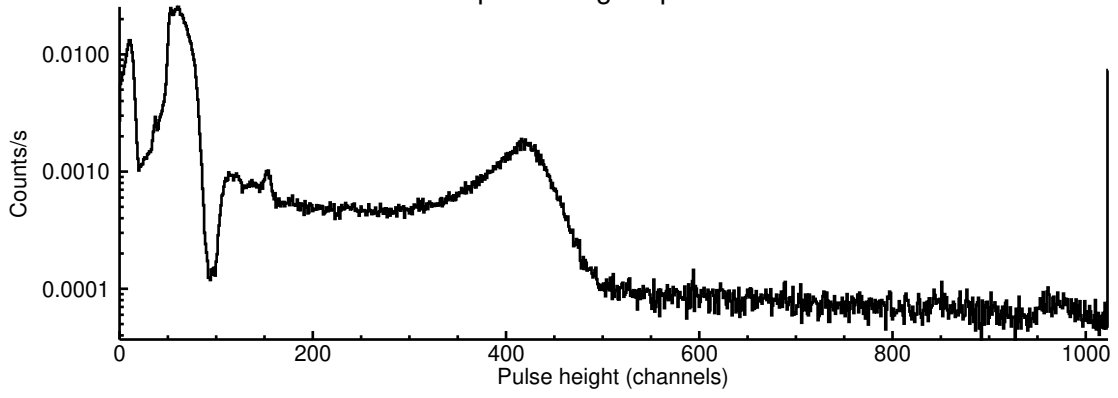
CAT10 pulse height spectrum: CZT3



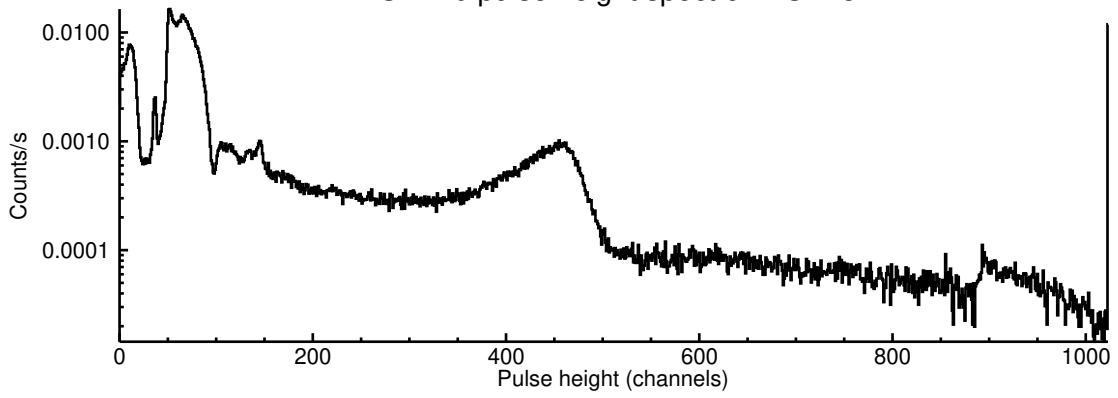
CAT10 pulse height spectrum: CZT1



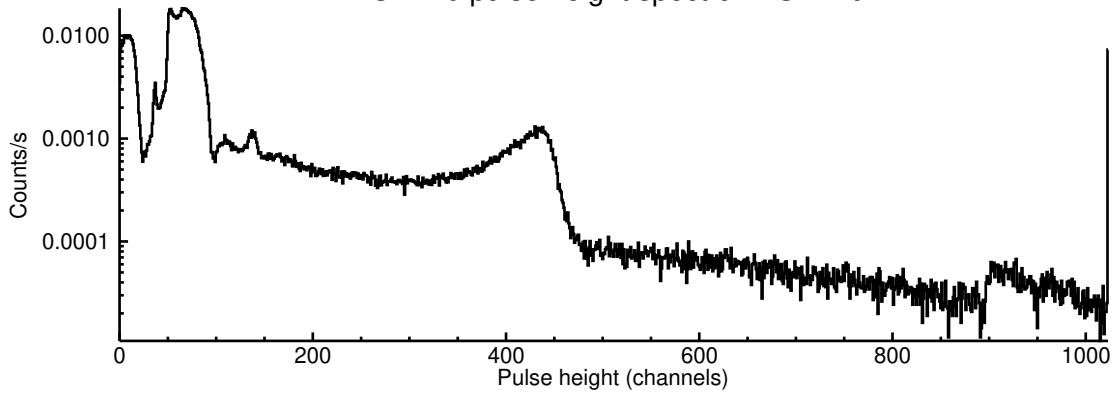
CAT10 pulse height spectrum: CZT2



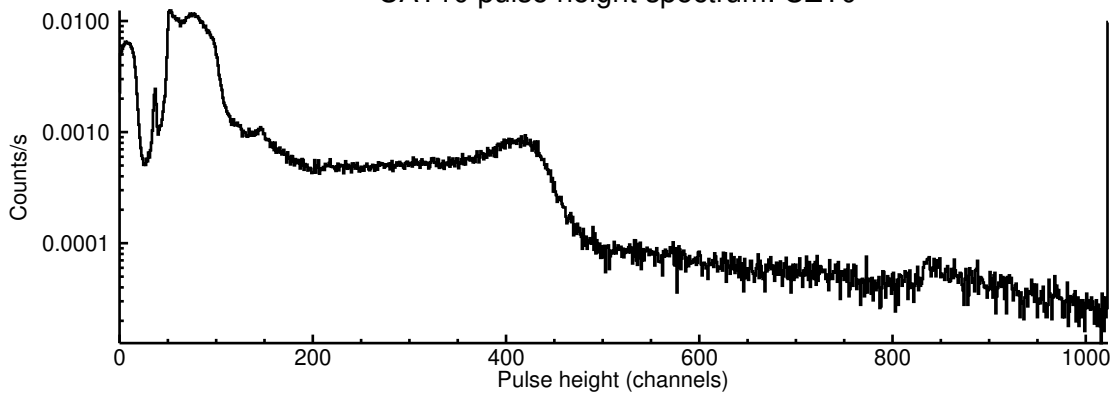
CAT10 pulse height spectrum: CZT8



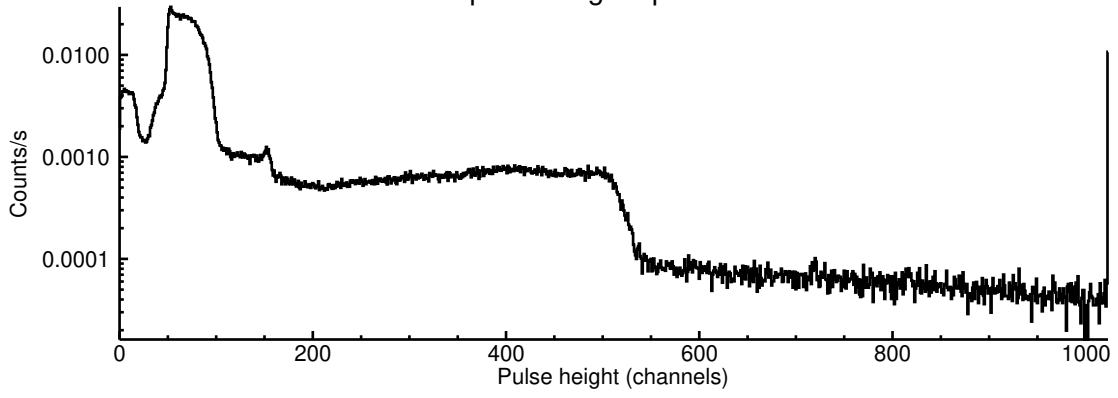
CAT10 pulse height spectrum: CZT10



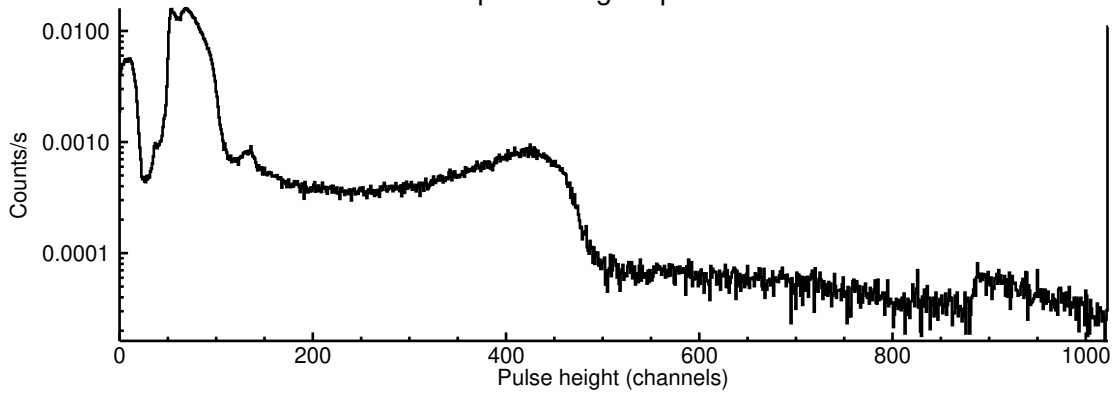
CAT10 pulse height spectrum: CZT0



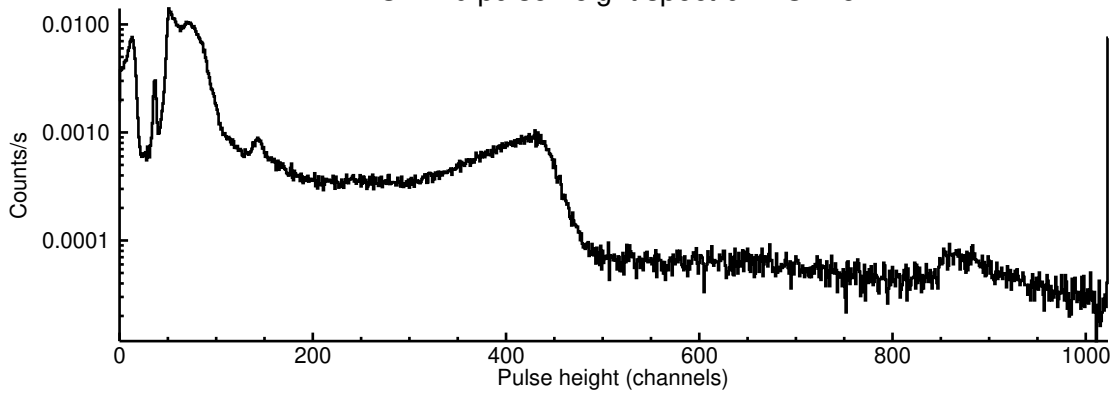
CAT10 pulse height spectrum: CZT15



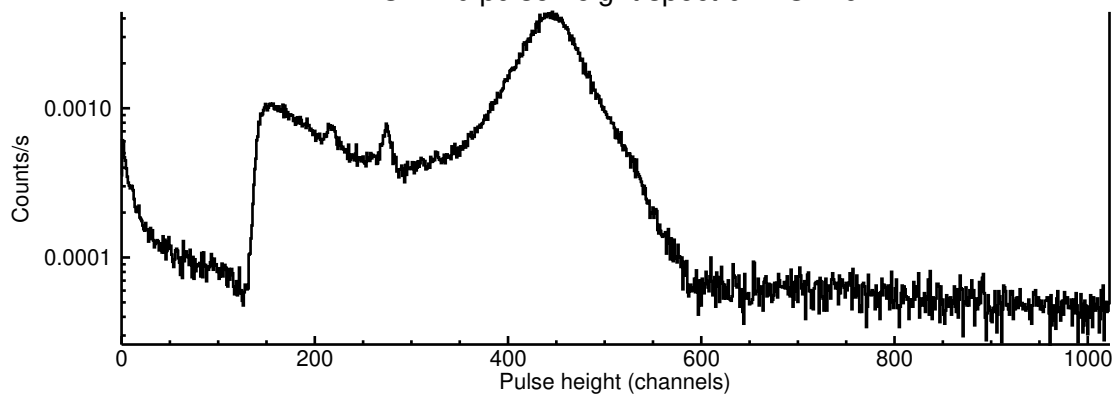
CAT10 pulse height spectrum: CZT7



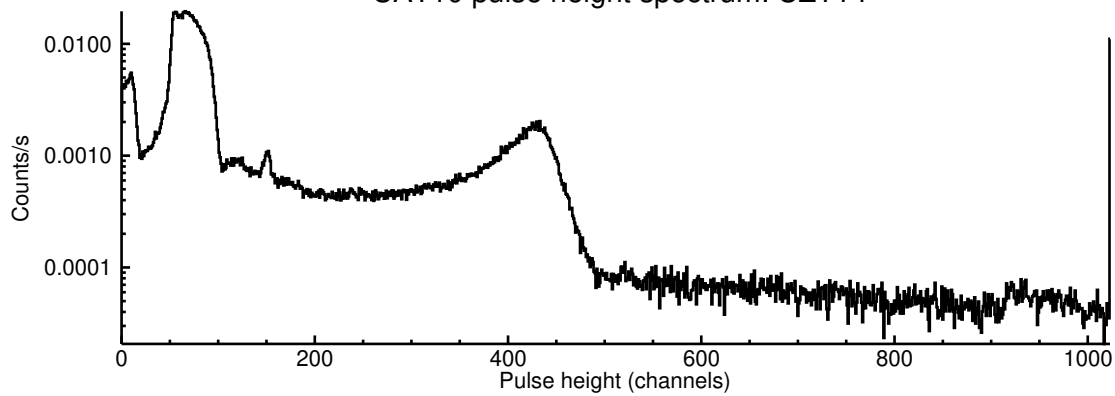
CAT10 pulse height spectrum: CZT5



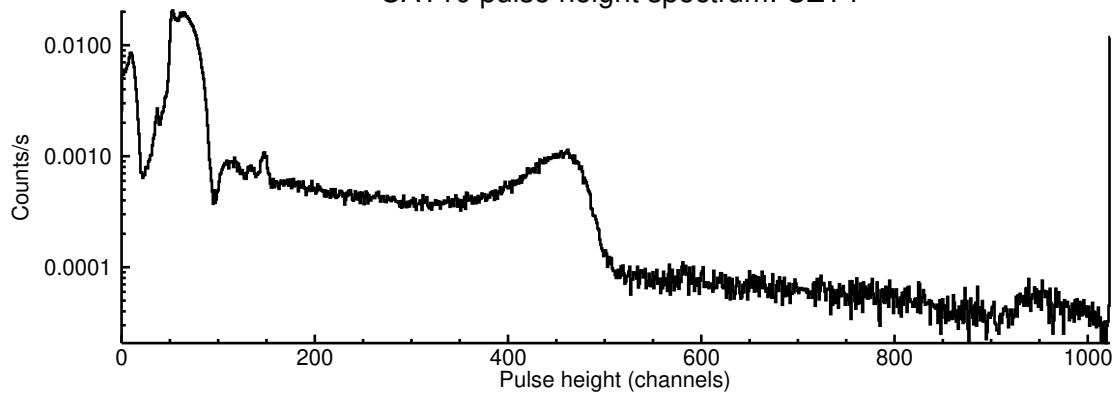
CAT10 pulse height spectrum: CZT6



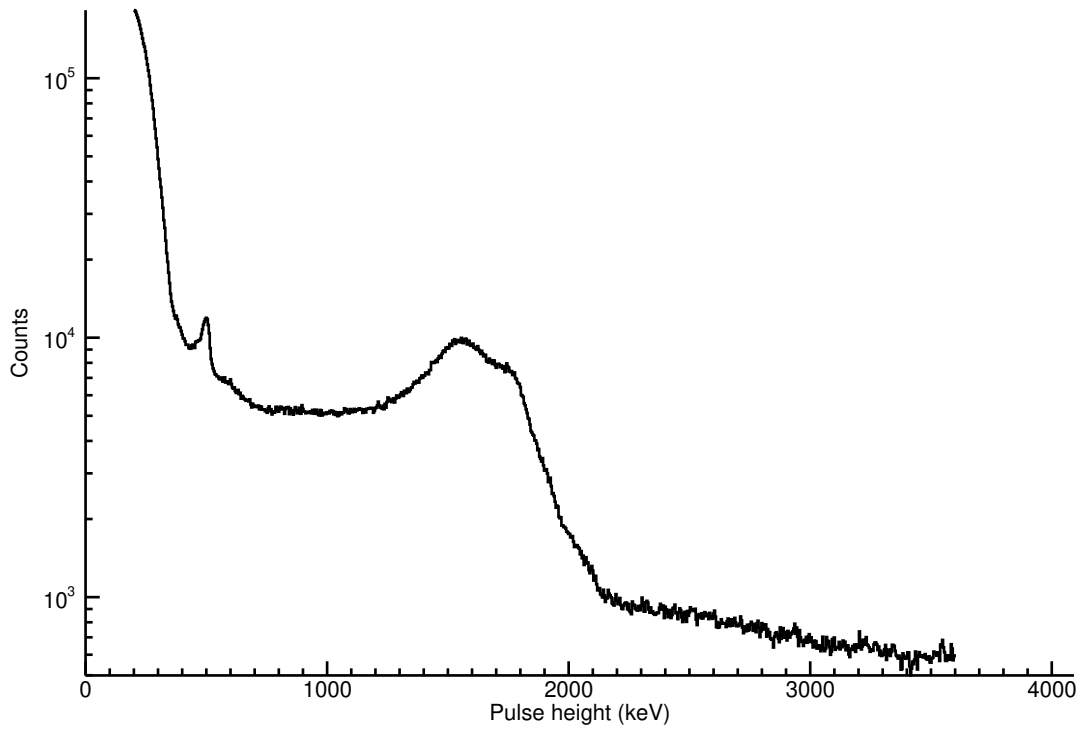
CAT10 pulse height spectrum: CZT14



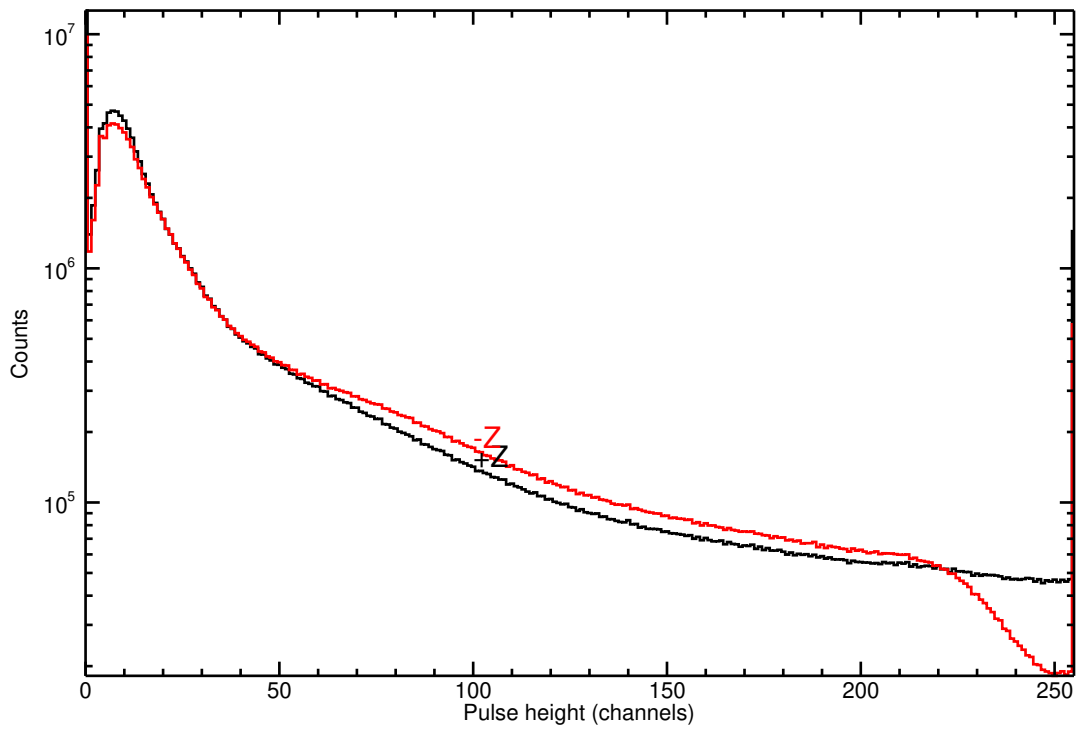
CAT10 pulse height spectrum: CZT4



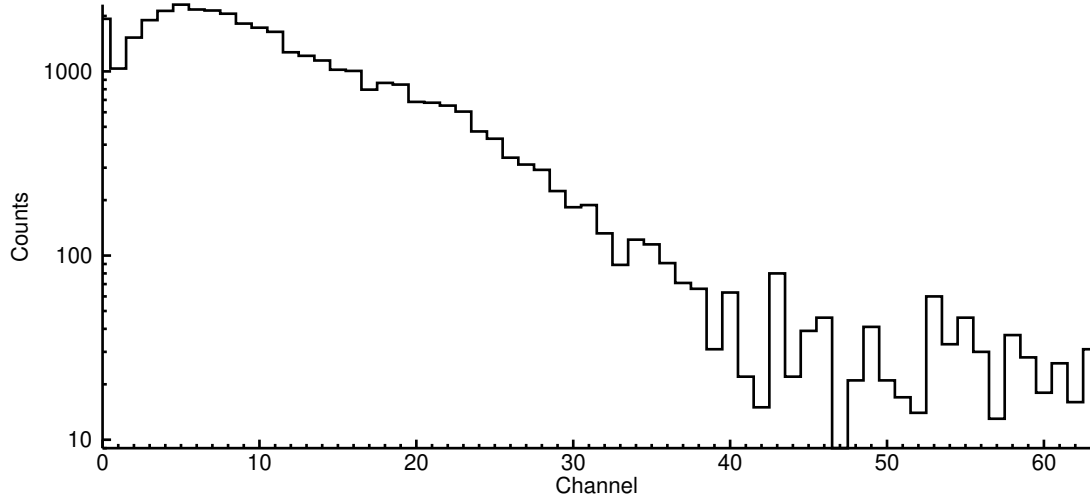
CAT10 CZT composite



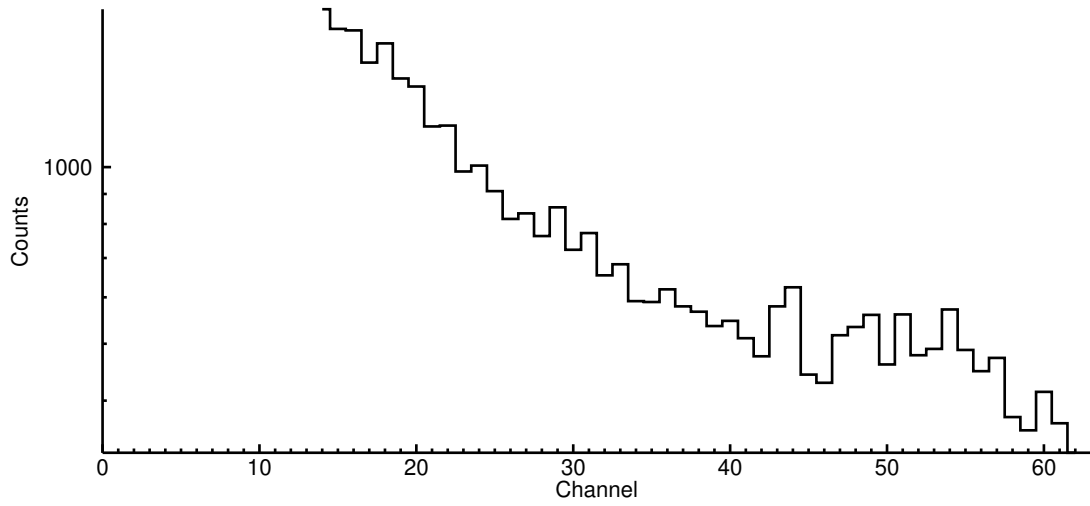
CAT1 histograms



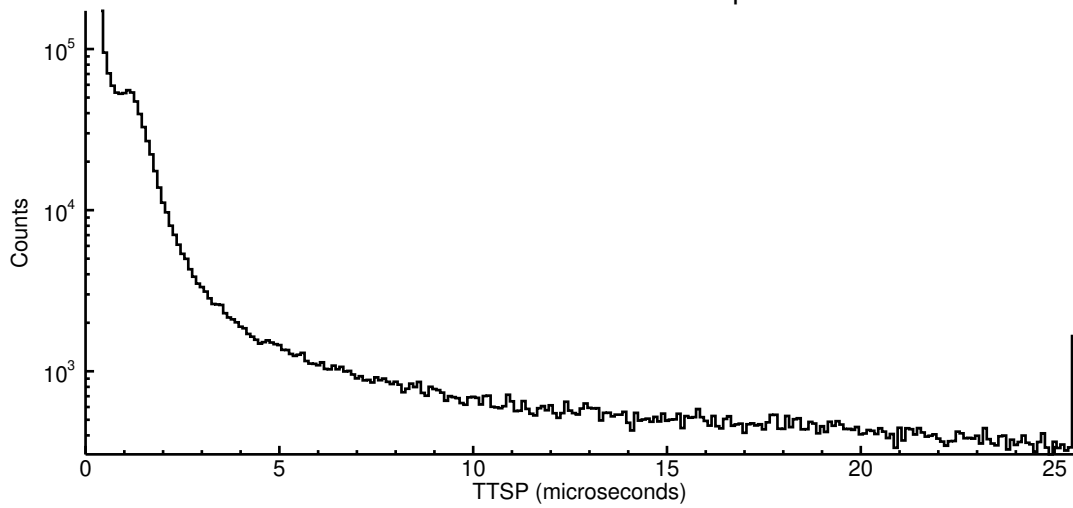
+Z BLP CAT4 first pulse

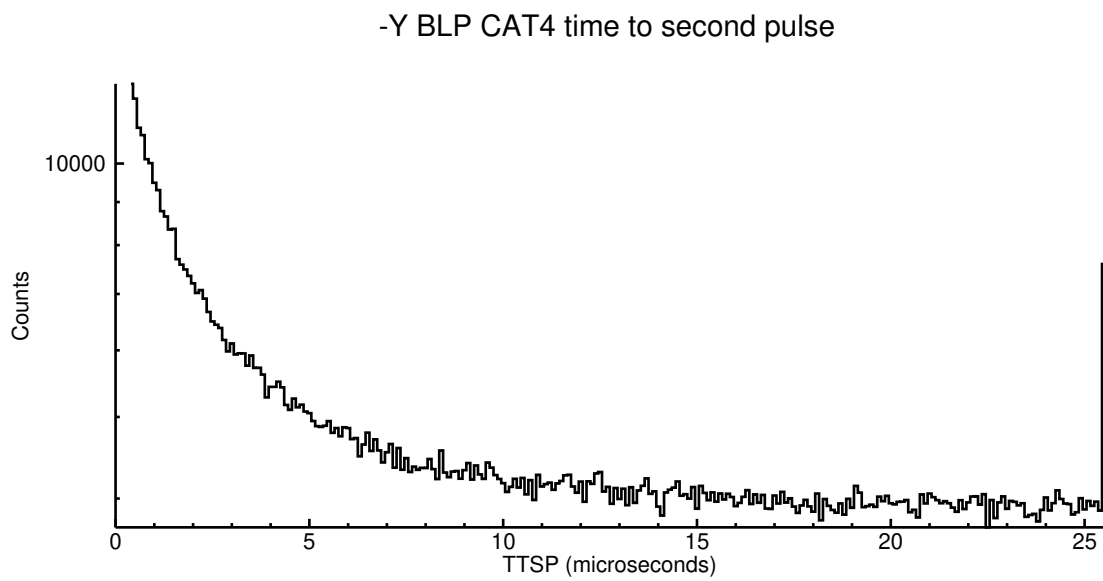
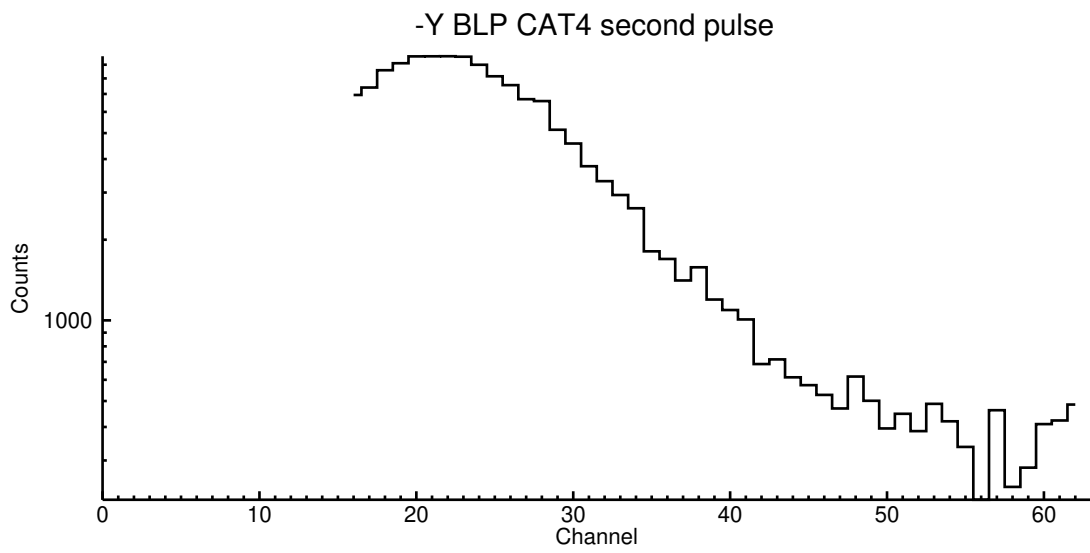
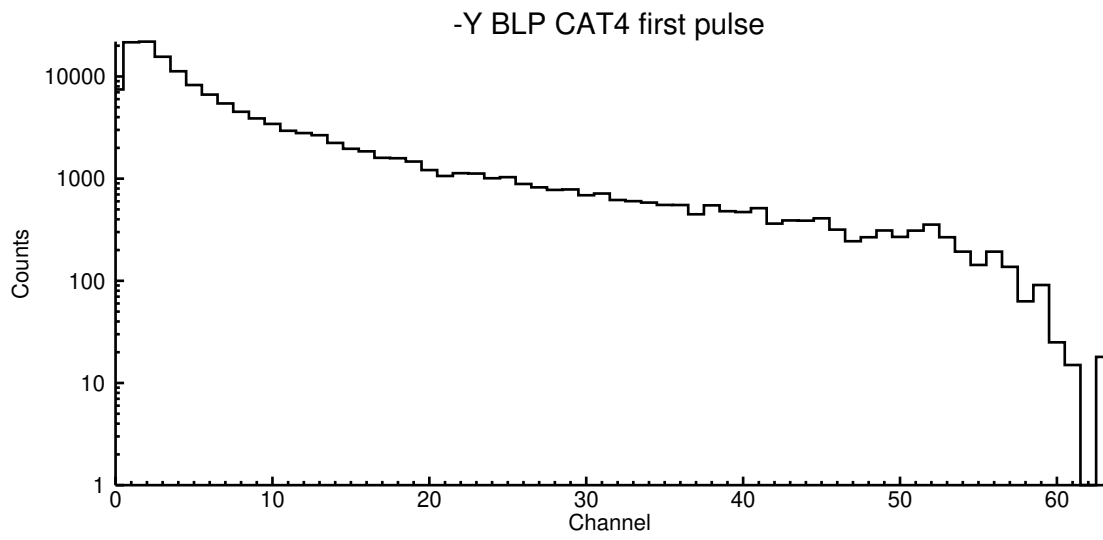


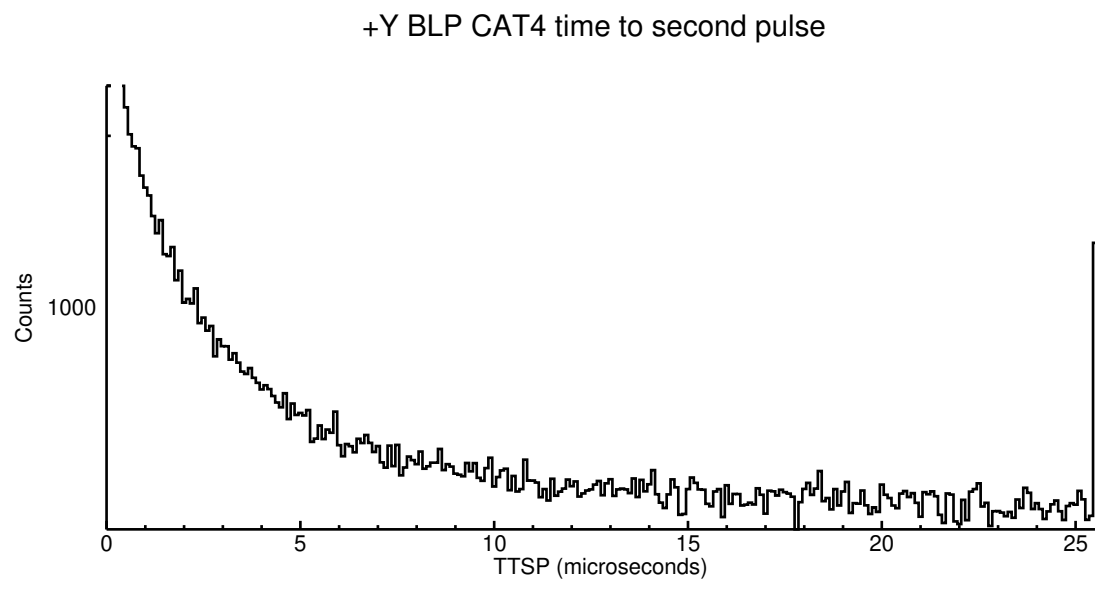
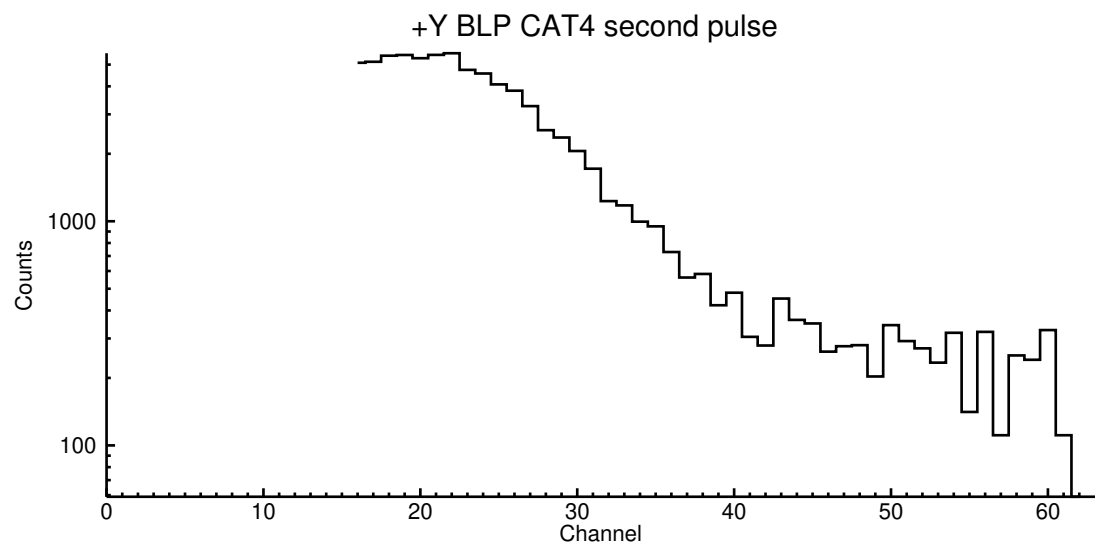
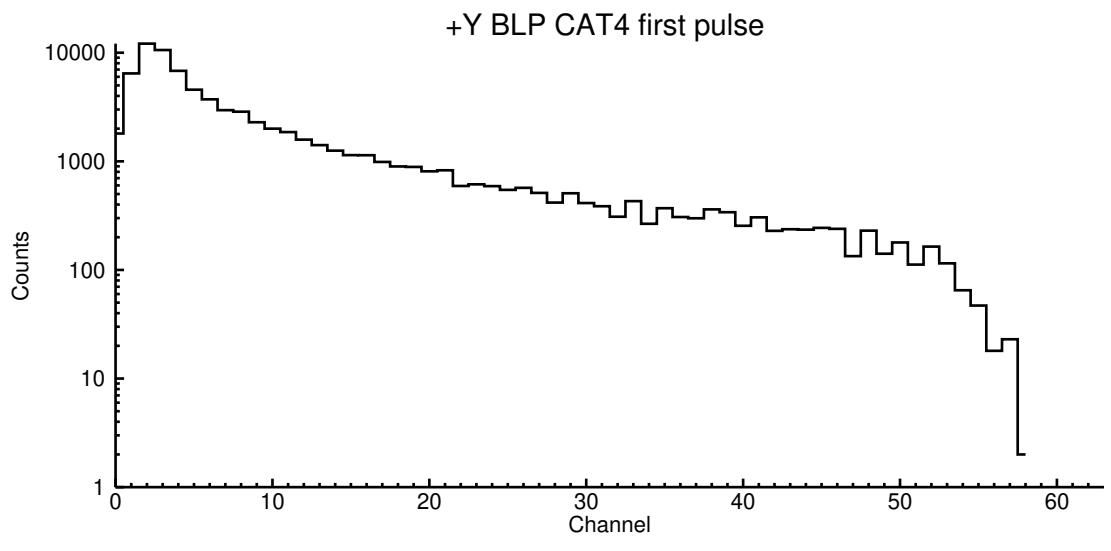
+Z BLP CAT4 second pulse



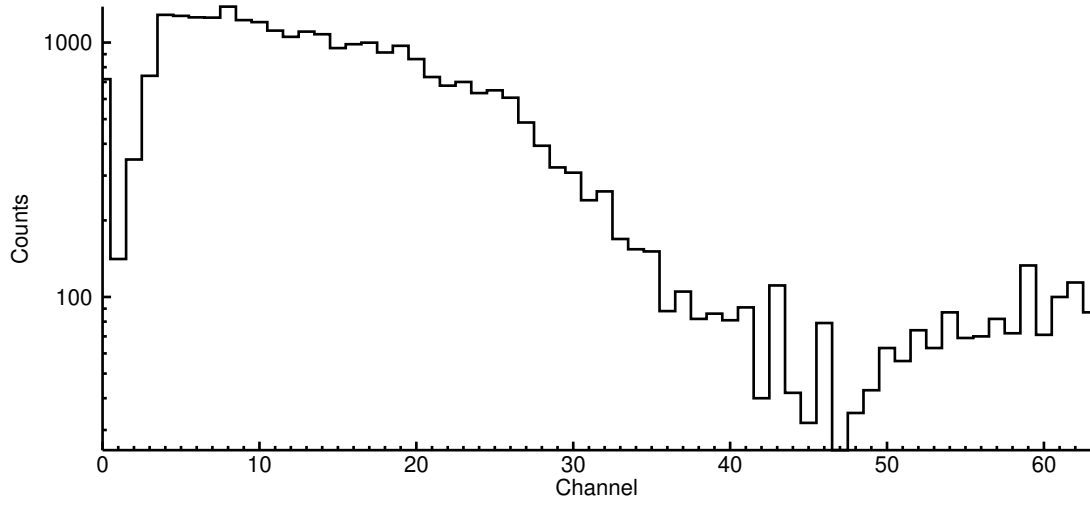
+Z BLP CAT4 time to second pulse



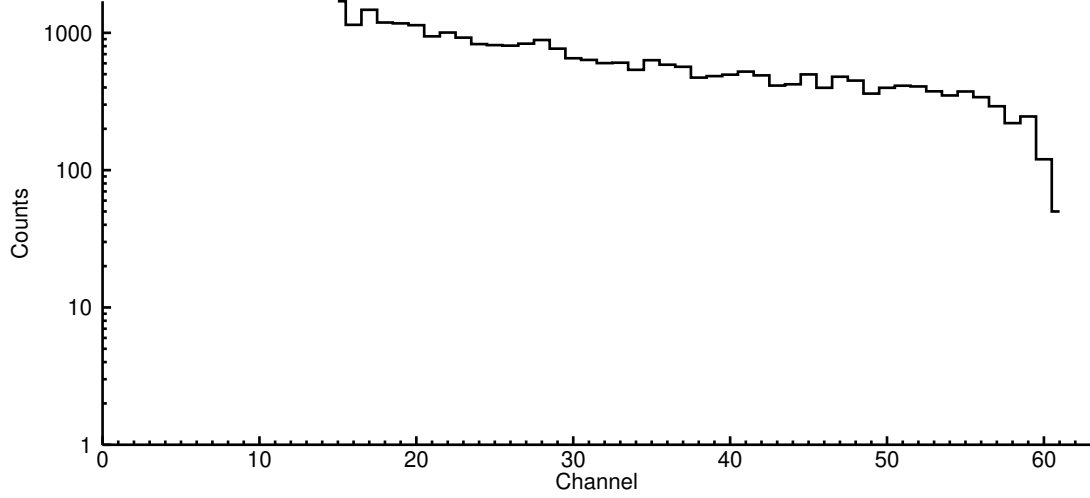




-Z BLP CAT4 first pulse



-Z BLP CAT4 second pulse



-Z BLP CAT4 time to second pulse

