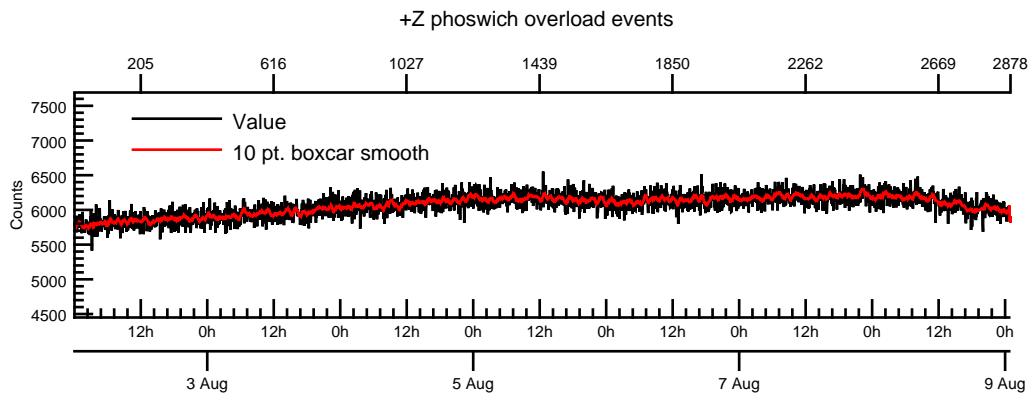
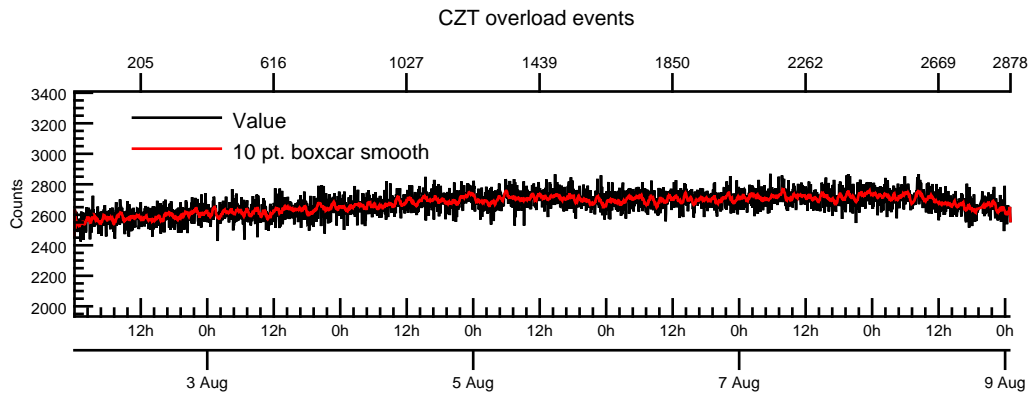
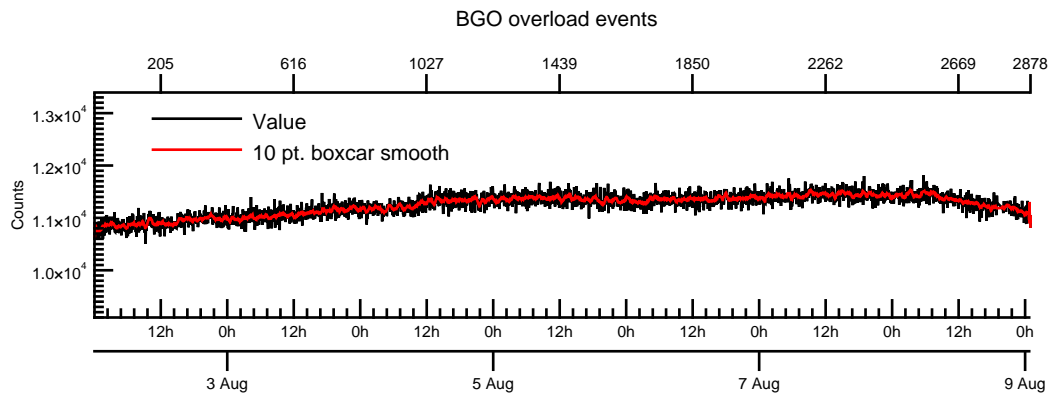
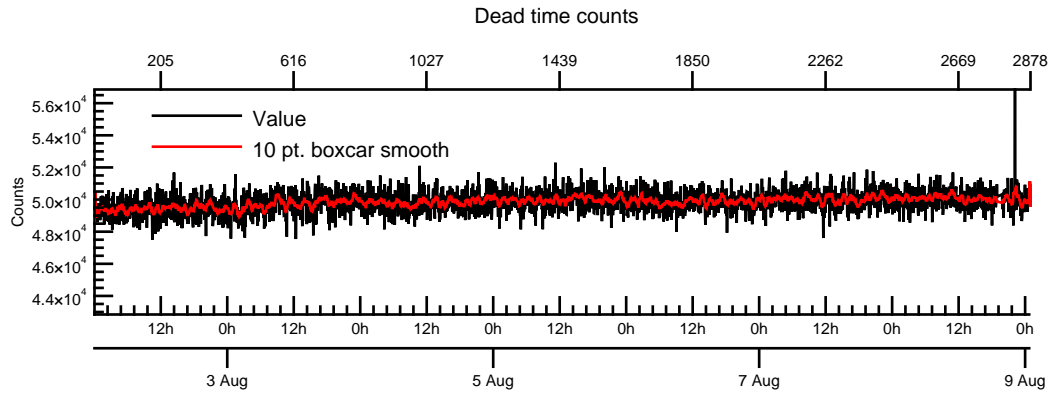


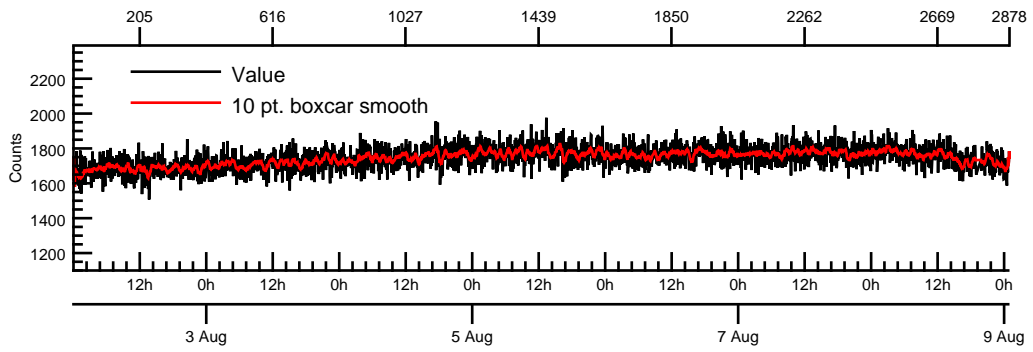
NASA Dawn Mission  
 GRaND@Ceres Browse Charts  
 Ceres CX2 DA932 17214\_0

- Number of science records: 2879  
 414 missing science packets with 2 gaps.  
 Start/End: 2017-08-02T00:02:56 to 2017-08-09T00:58:56
- Number of SOH records: 17284  
 99 missing SOH packets with 2 gaps.  
 Start/End: 2017-08-02T00:00:33 to 2017-08-09T00:59:33
- 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 = 1
- Instrument settings for first state (STATE\_INDEX 0):

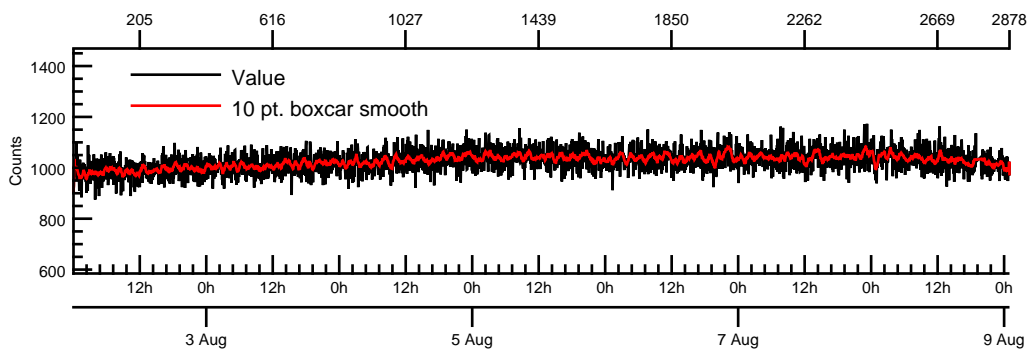
|            |     |               |      |
|------------|-----|---------------|------|
| TELREADOUT | 210 | NEMG_TOT_EVTS | 3876 |
| TELSOH     | 35  | NEMG_CZT_EVTS | 3376 |
| MODE       | 1   | NEMN_TOT_EVTS | 2800 |
| HVPS1      | 1   | L_BGO_CW      | 1    |
| HVPS1_SET  | 185 | H_BGO_CW      | 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    |



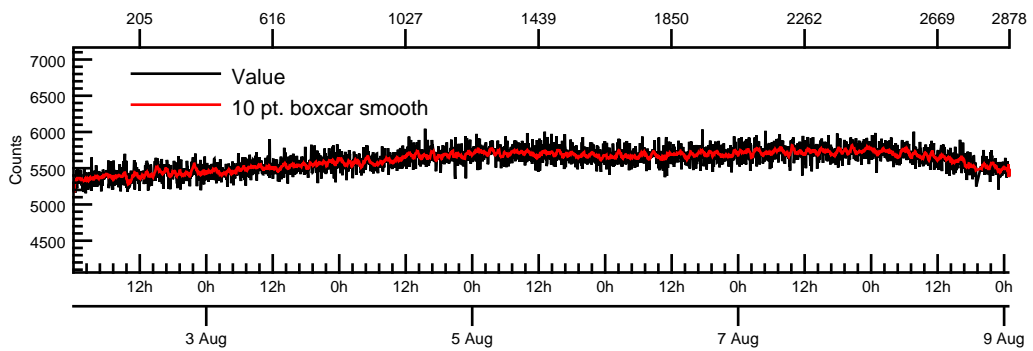
-Y BLP overload events



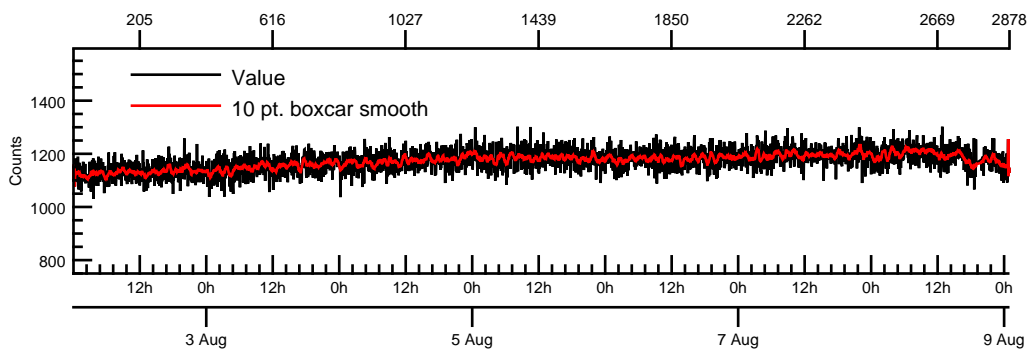
+Y BLP overload events



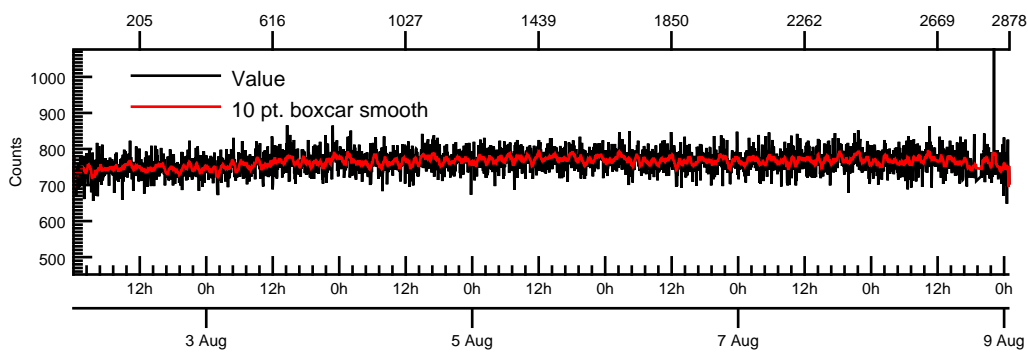
-Z phoswich overload events



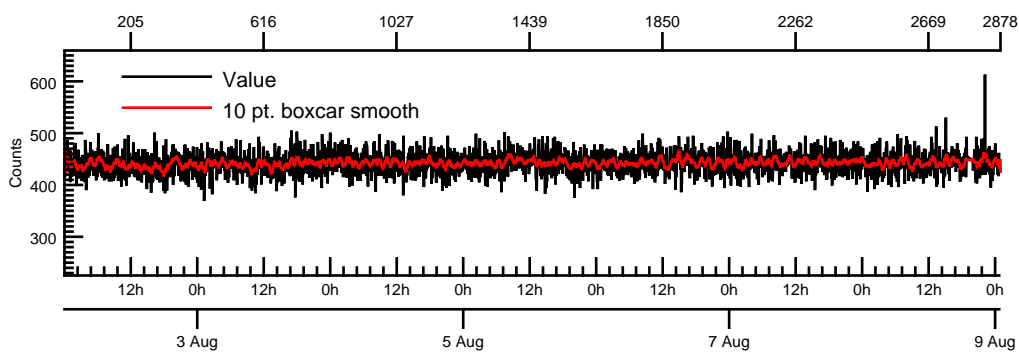
+Z phoswich CAT4 events



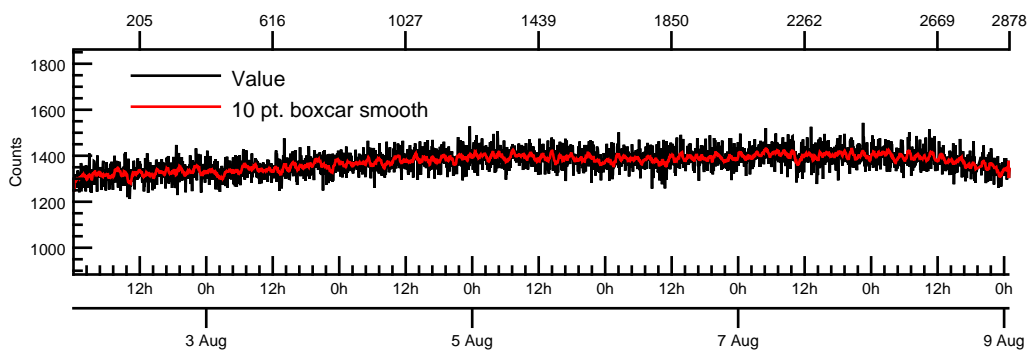
-Y BLP CAT4 events



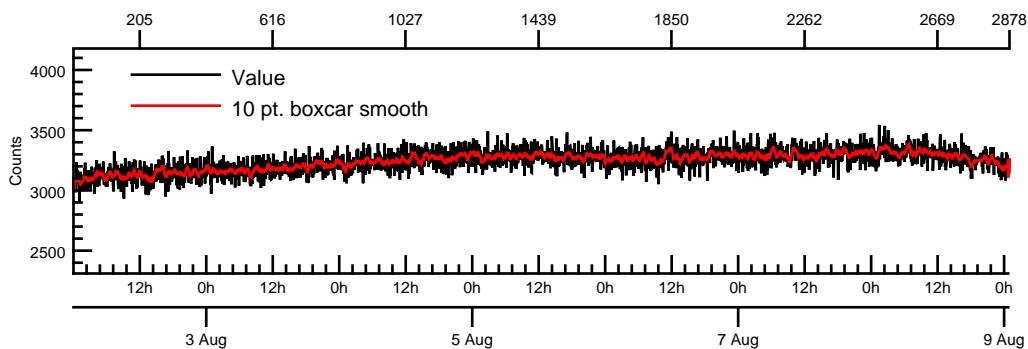
+Y BLP CAT4 events



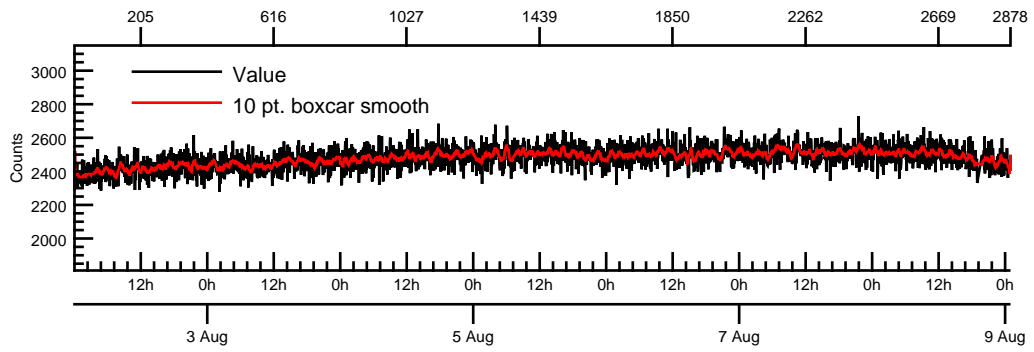
-Z phoswich CAT4 events



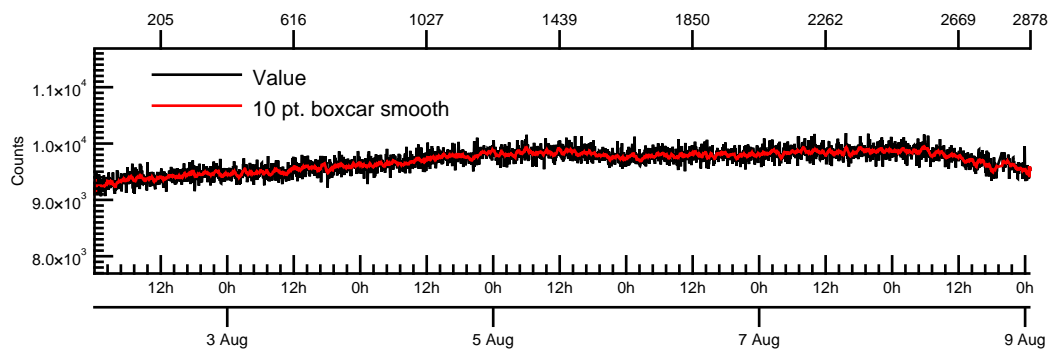
Early second interaction events



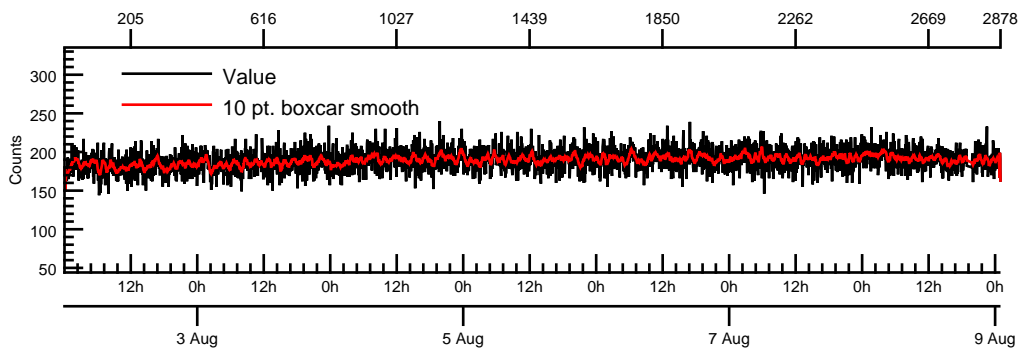
Multiple-crystal CZT events



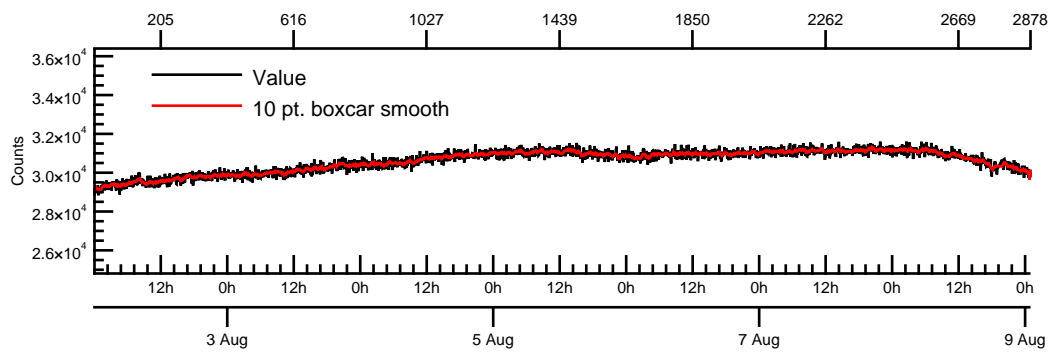
Valid CZT events (CAT10)



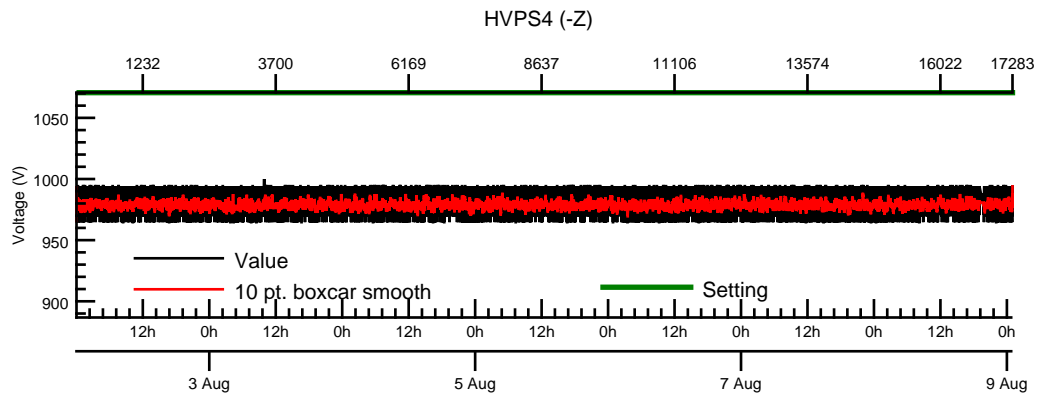
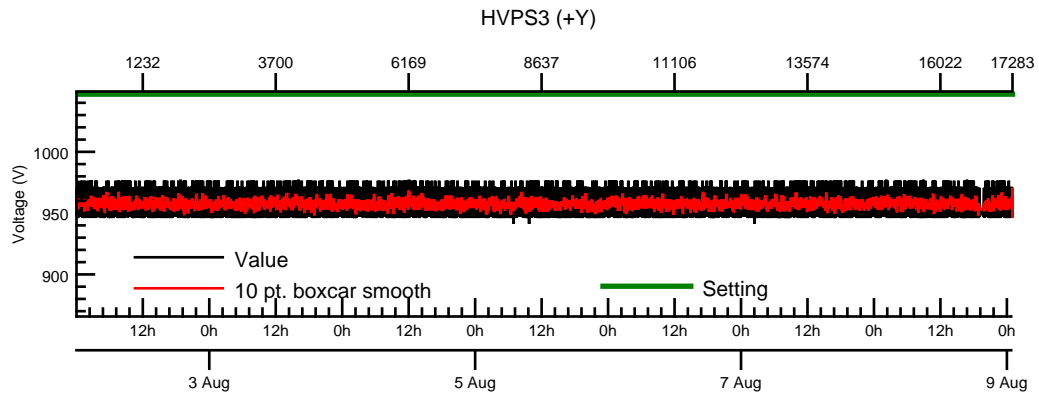
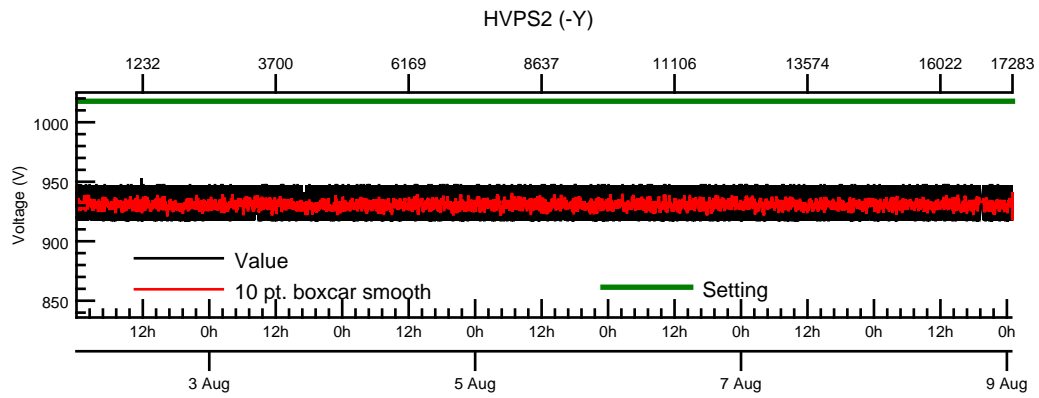
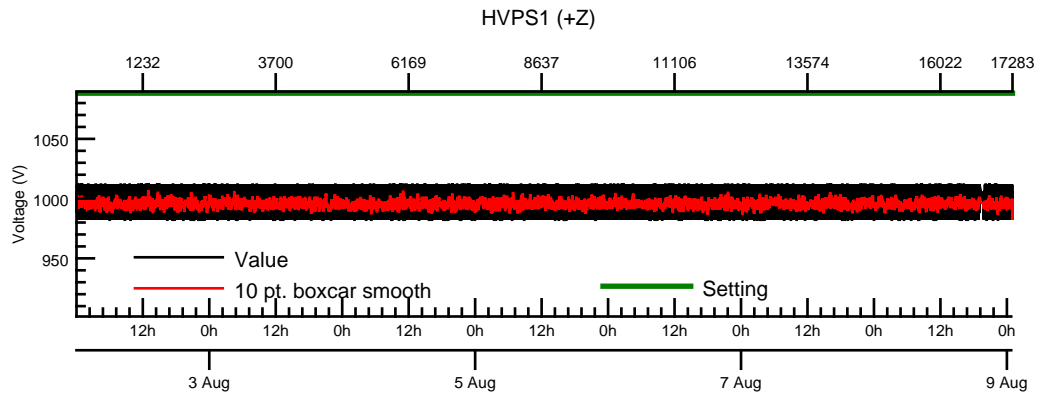
Coincidence BGO and CZT events (CAT7)



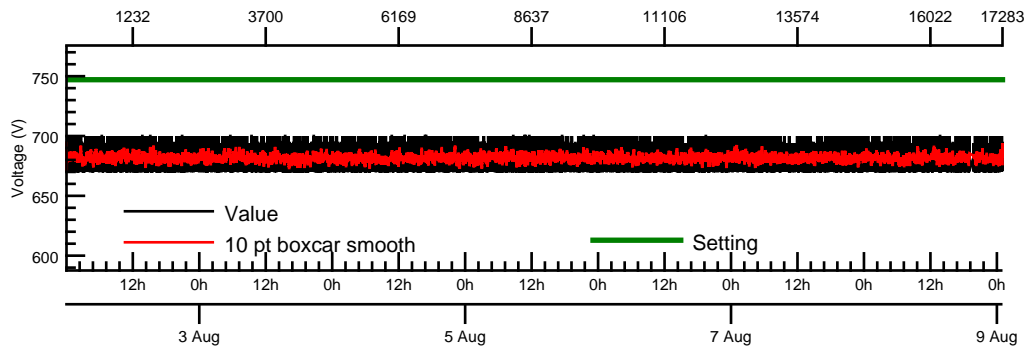
Coincidence of three or more sensor elements



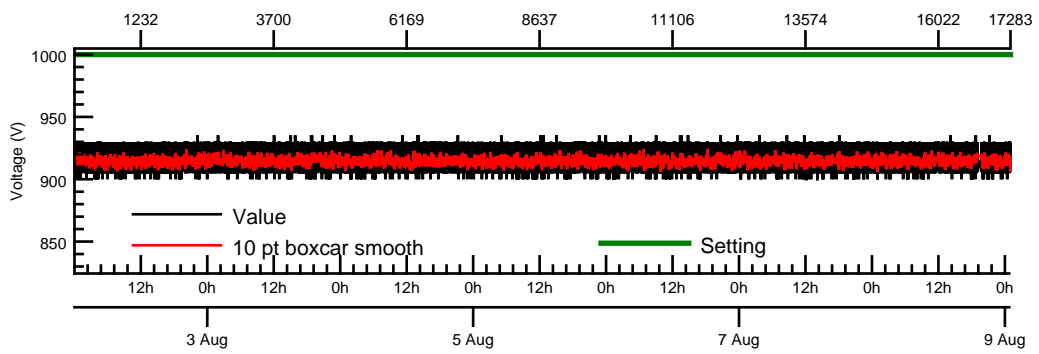




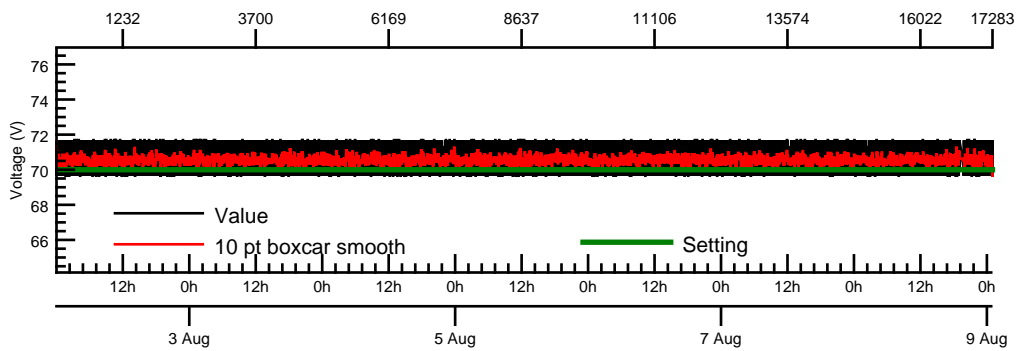
### HVPS5 (BGO)



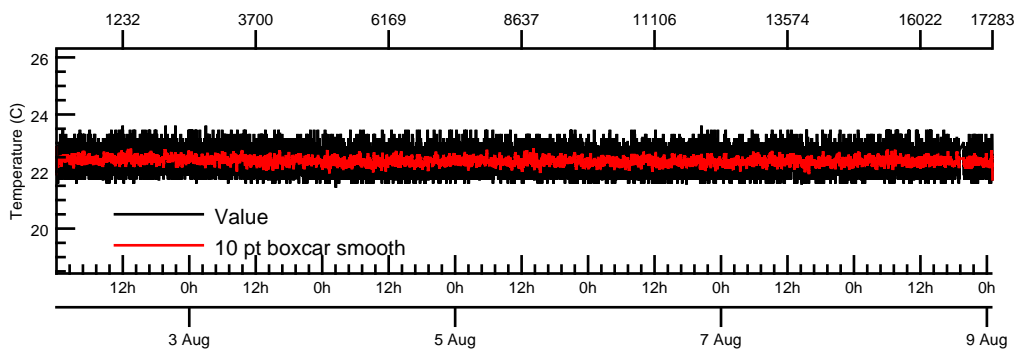
### HVPS6 (CZT)



### HVPS70 (CZT grid bias)

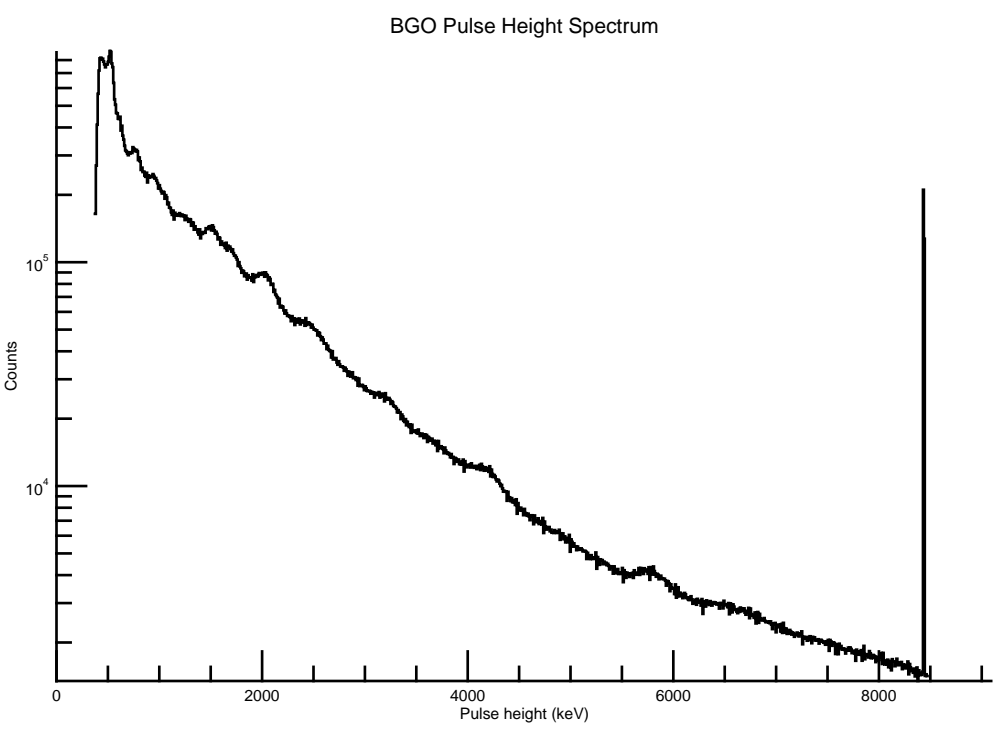
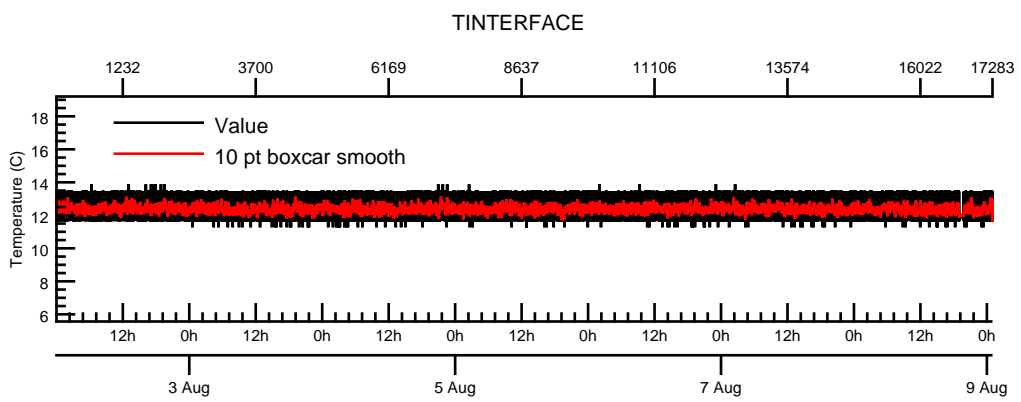
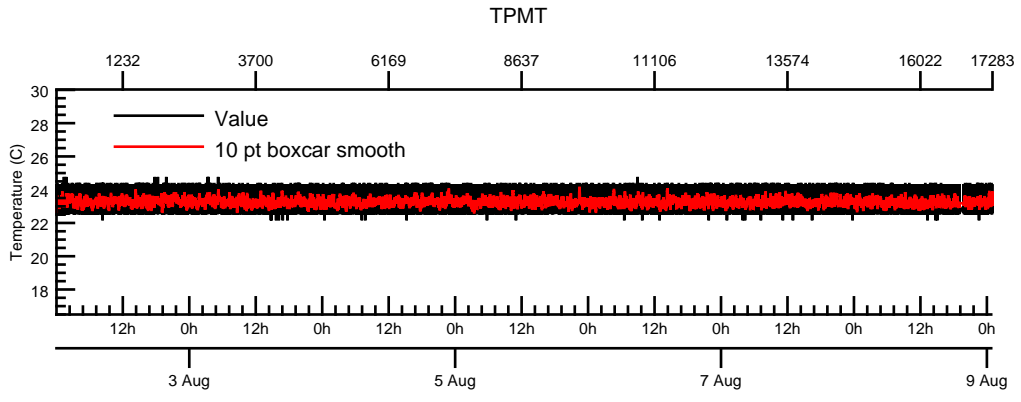


### TCZT<1,2,3>

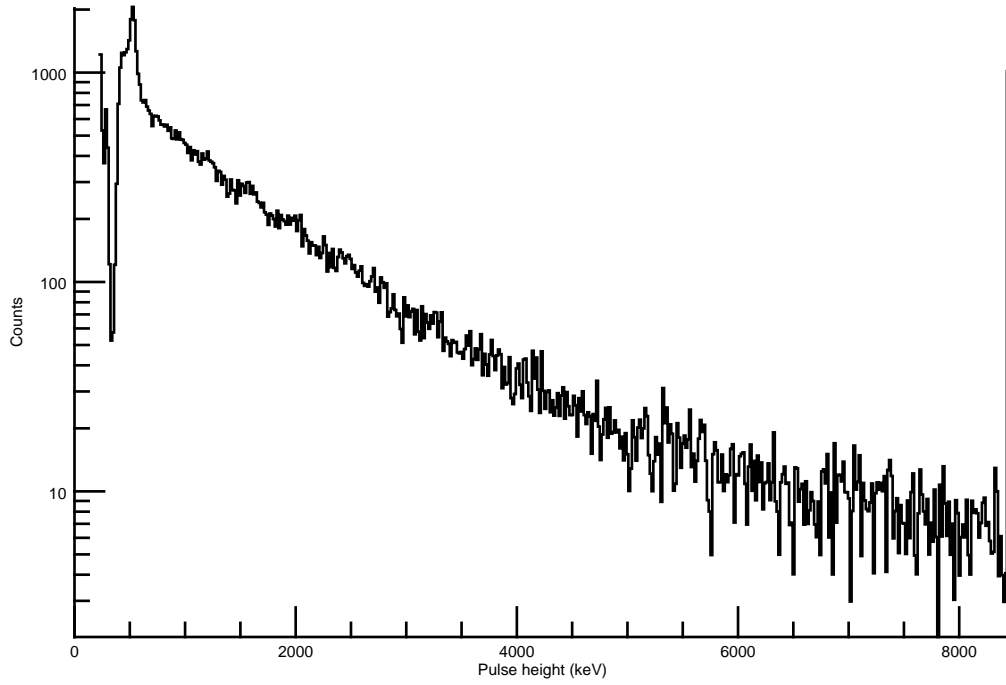




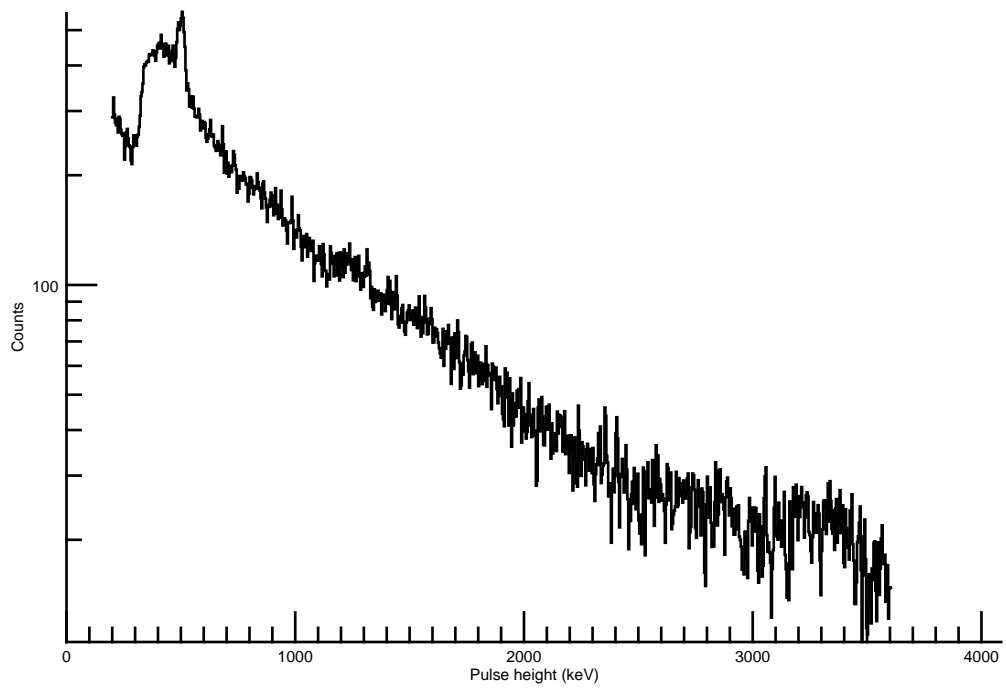




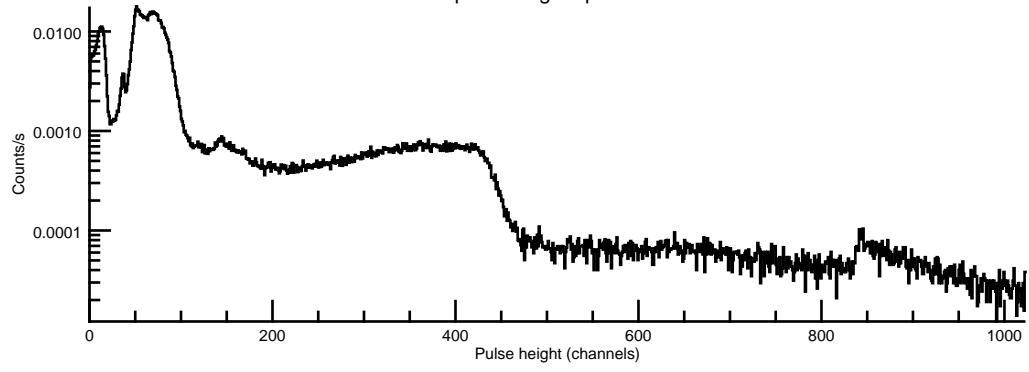
BGO-CZT pair spectrum: BGO



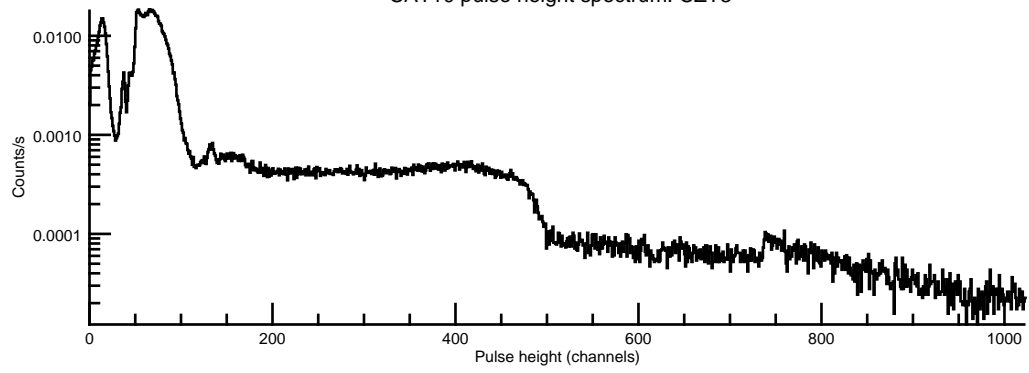
BGO-CZT pair spectrum: CZT



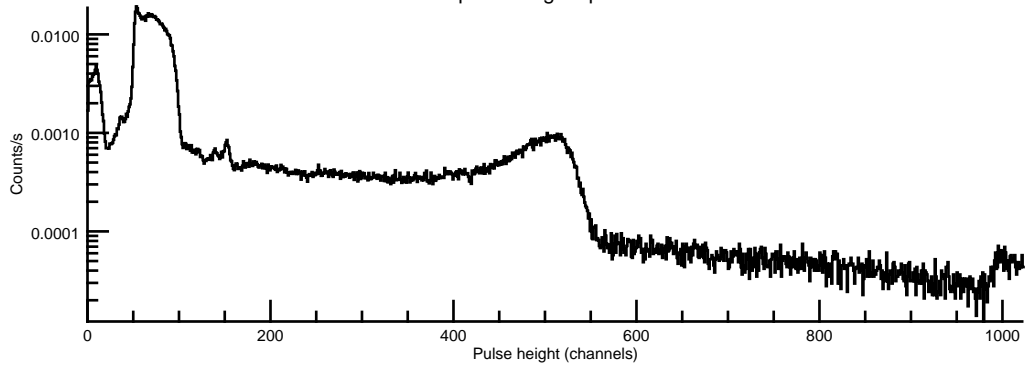
CAT10 pulse height spectrum: CZT11



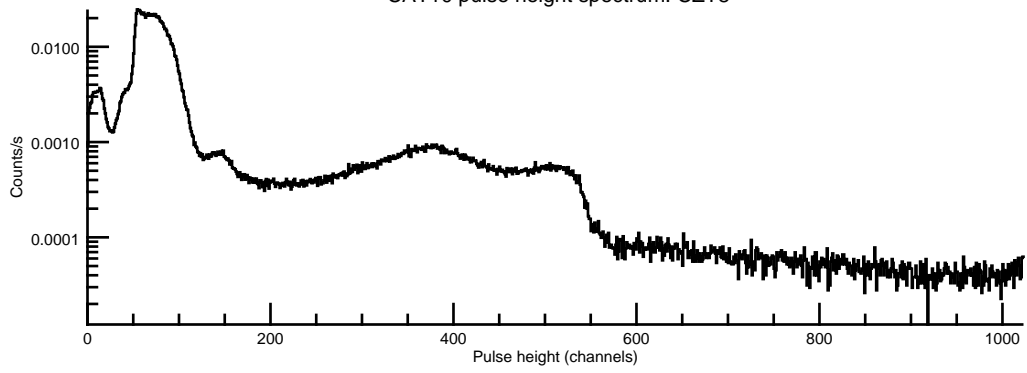
CAT10 pulse height spectrum: CZT3



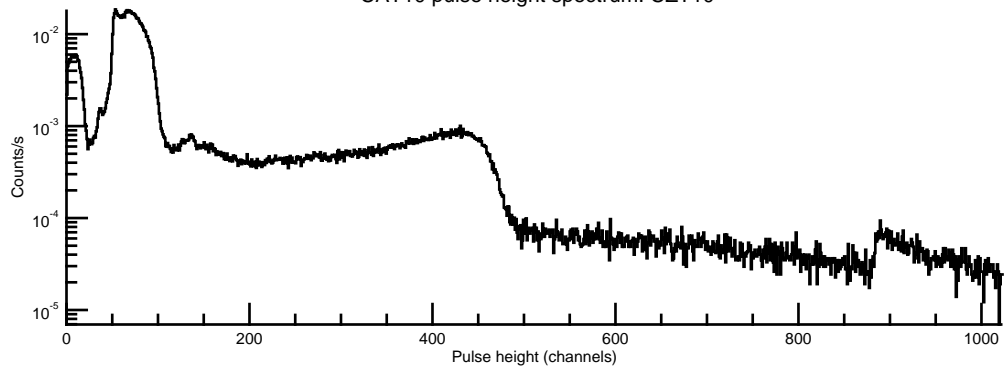
CAT10 pulse height spectrum: CZT2



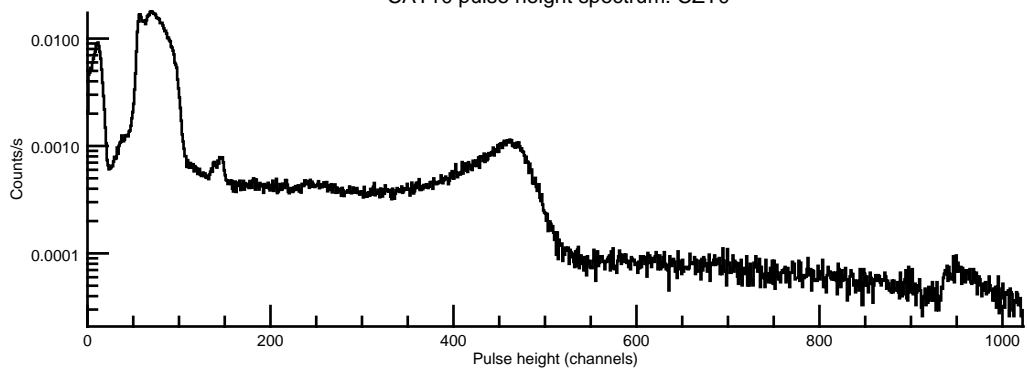
CAT10 pulse height spectrum: CZT8



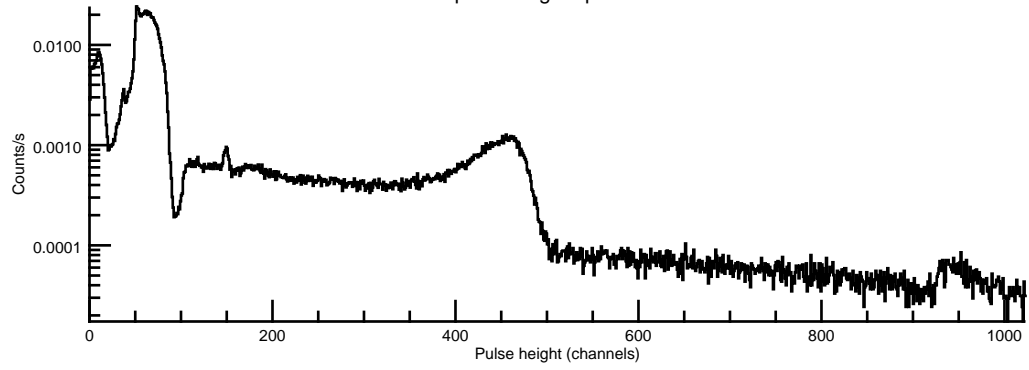
CAT10 pulse height spectrum: CZT10



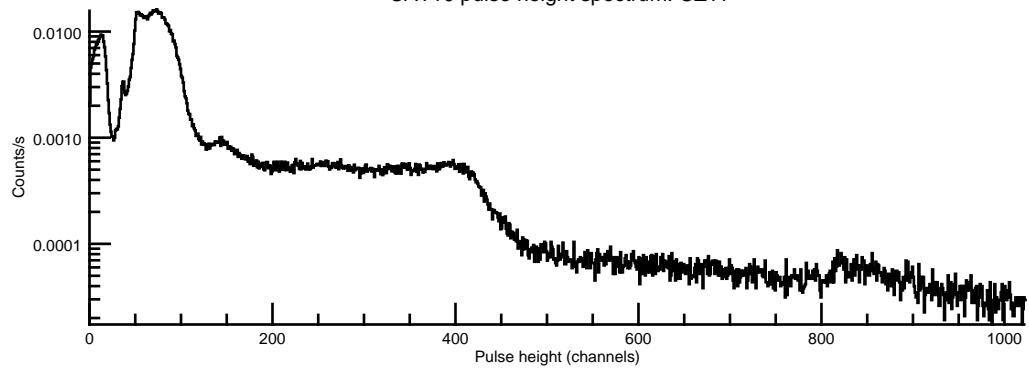
CAT10 pulse height spectrum: CZT0



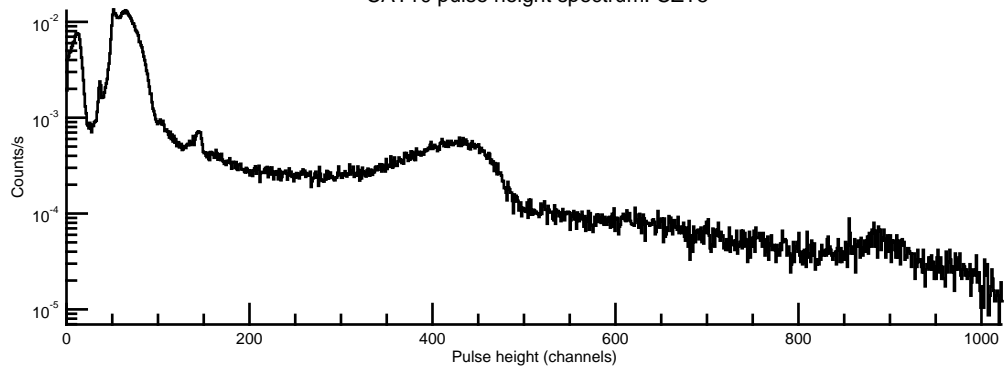
CAT10 pulse height spectrum: CZT15



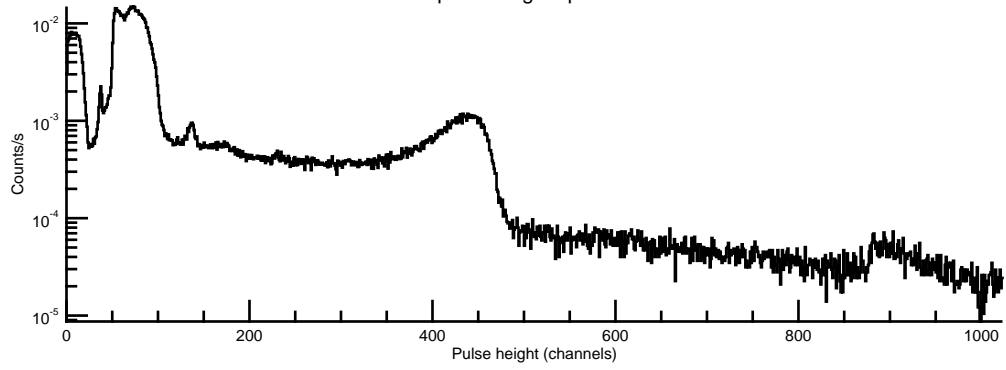
CAT10 pulse height spectrum: CZT7



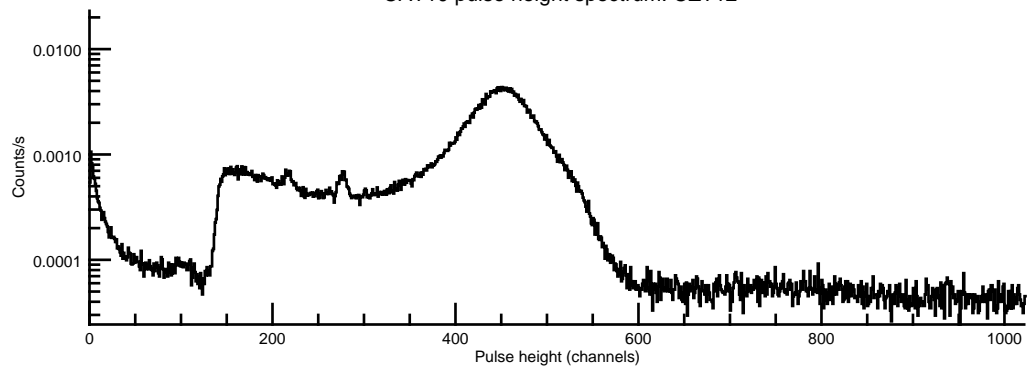
CAT10 pulse height spectrum: CZT5



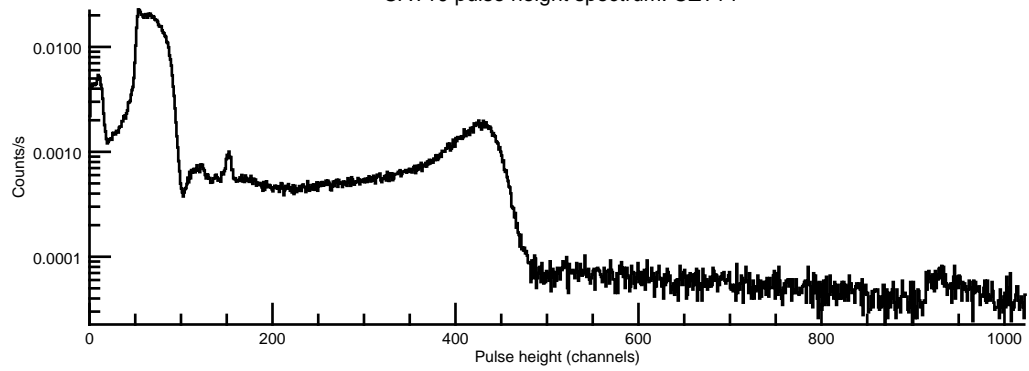
CAT10 pulse height spectrum: CZT6



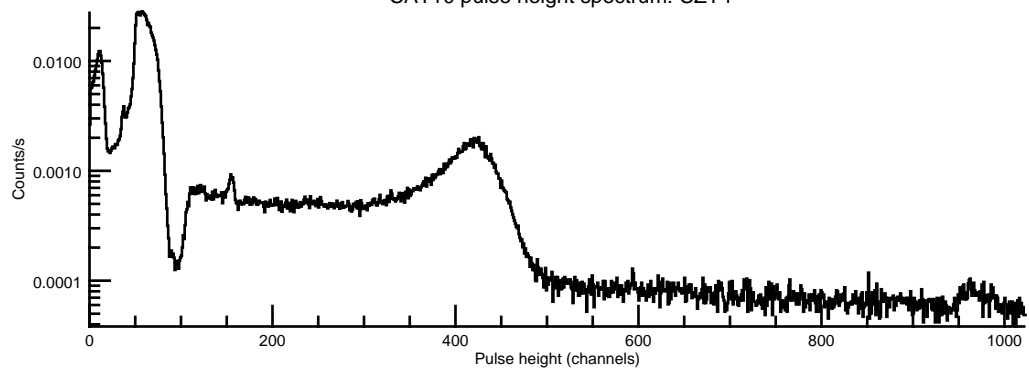
CAT10 pulse height spectrum: CZT12



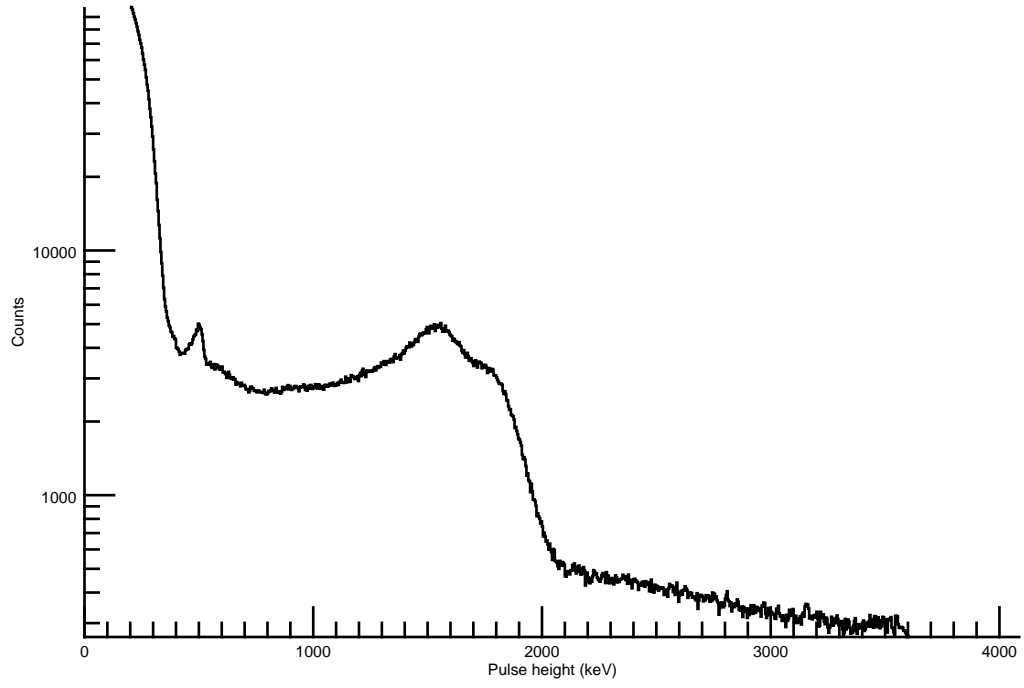
CAT10 pulse height spectrum: CZT14



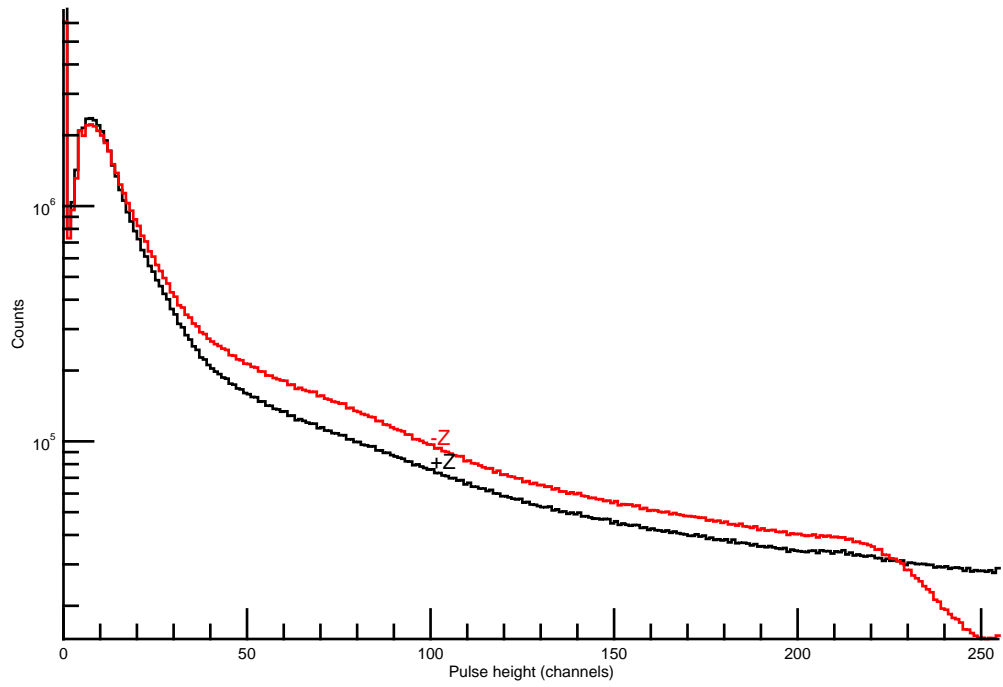
CAT10 pulse height spectrum: CZT4



CAT10 CZT composite

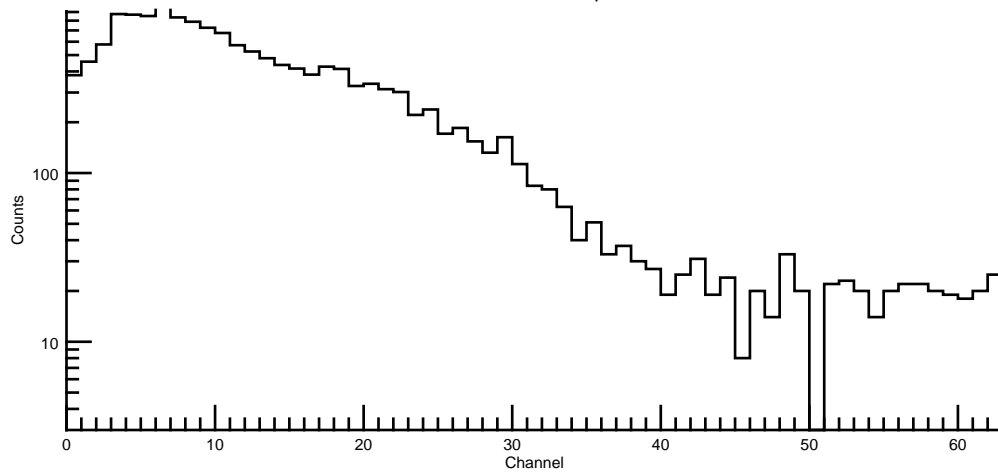


CAT1 histograms

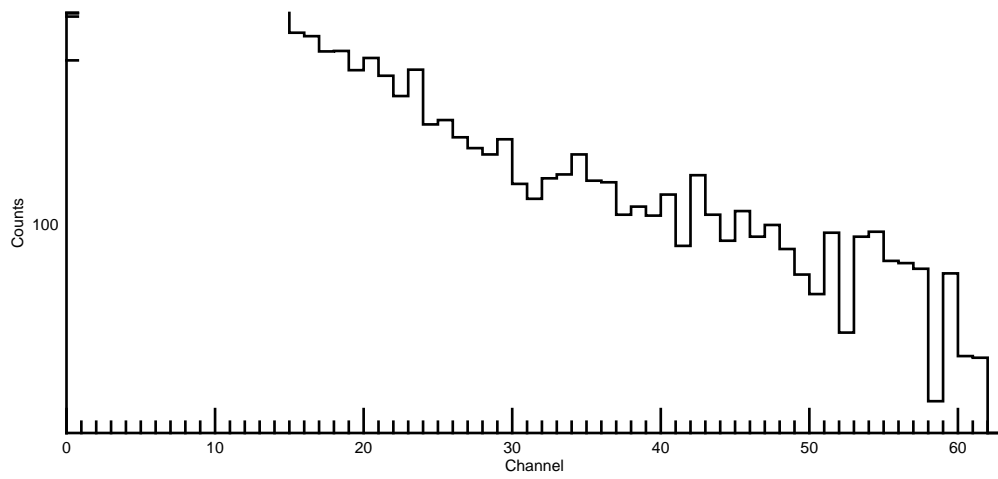




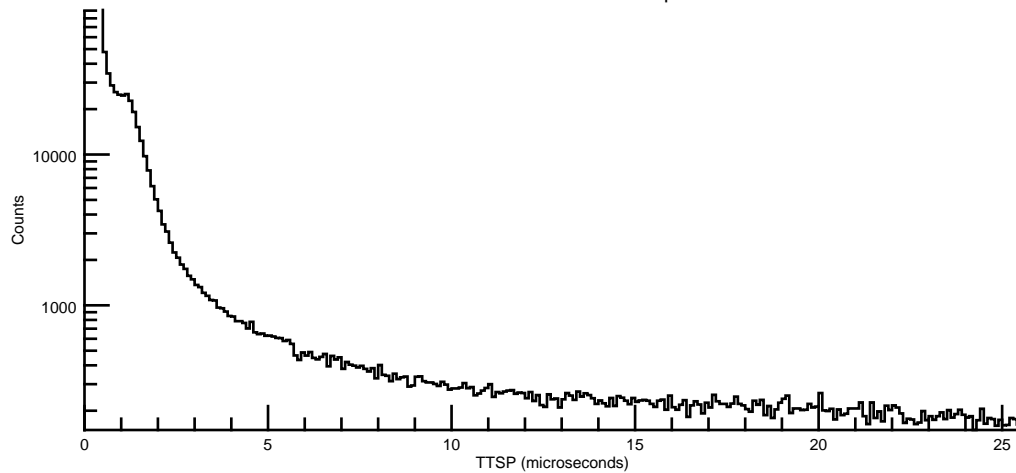
+Z BLP CAT4 first pulse

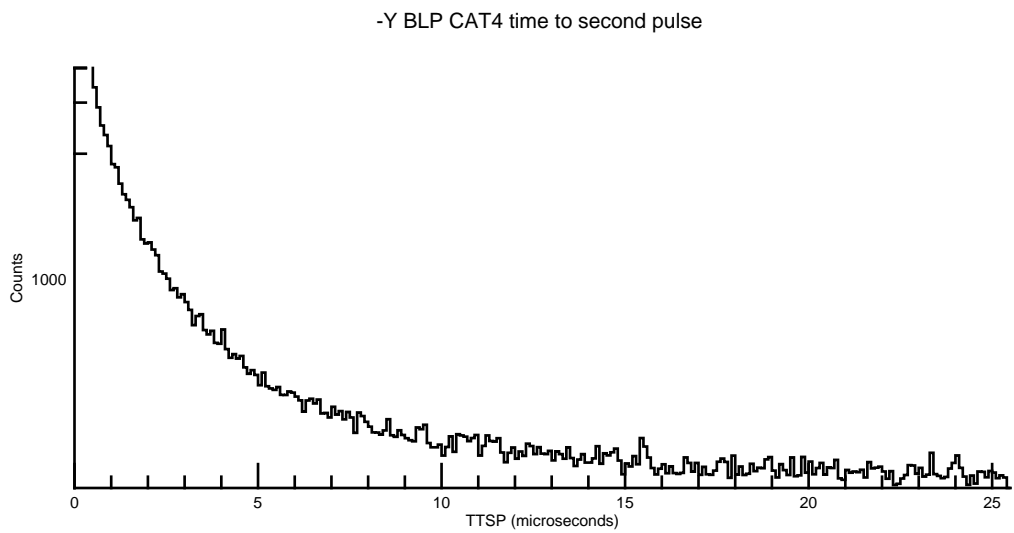
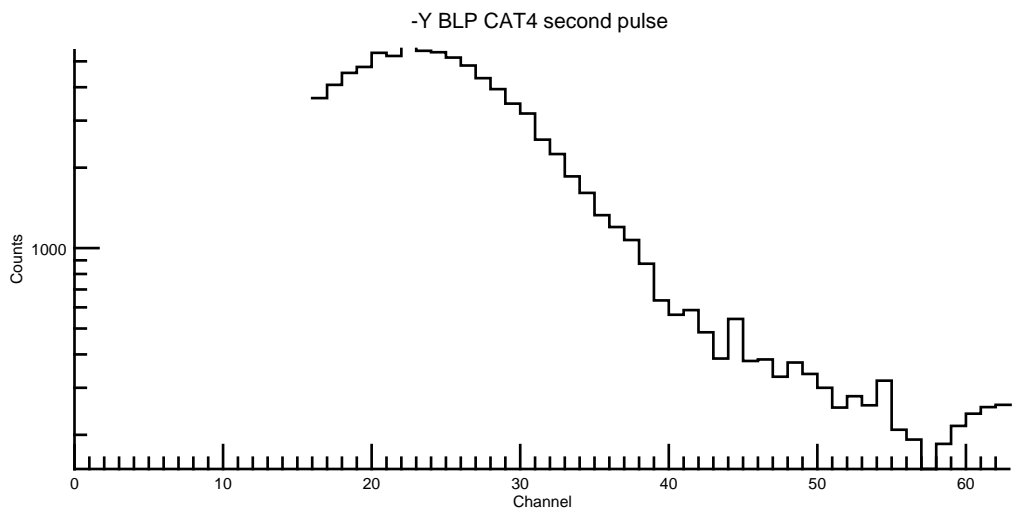
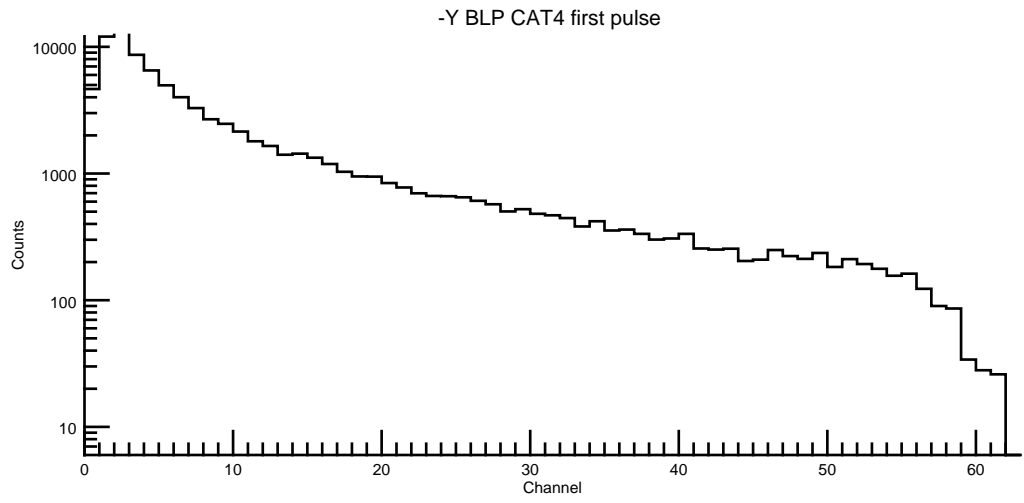


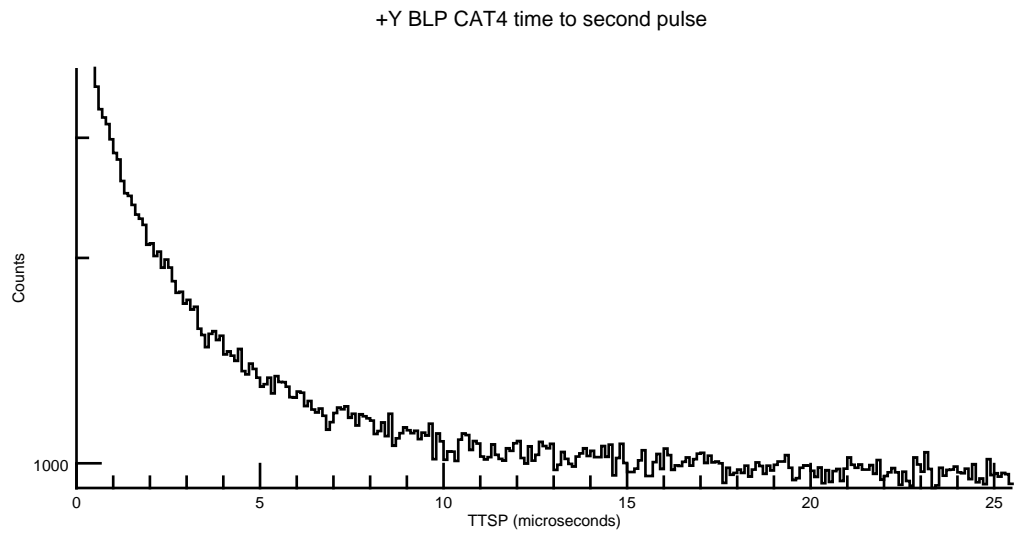
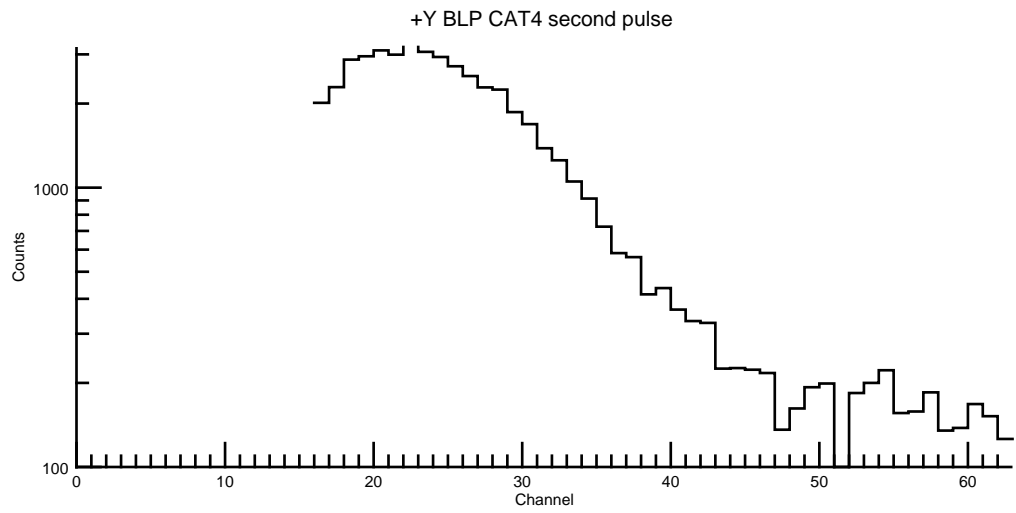
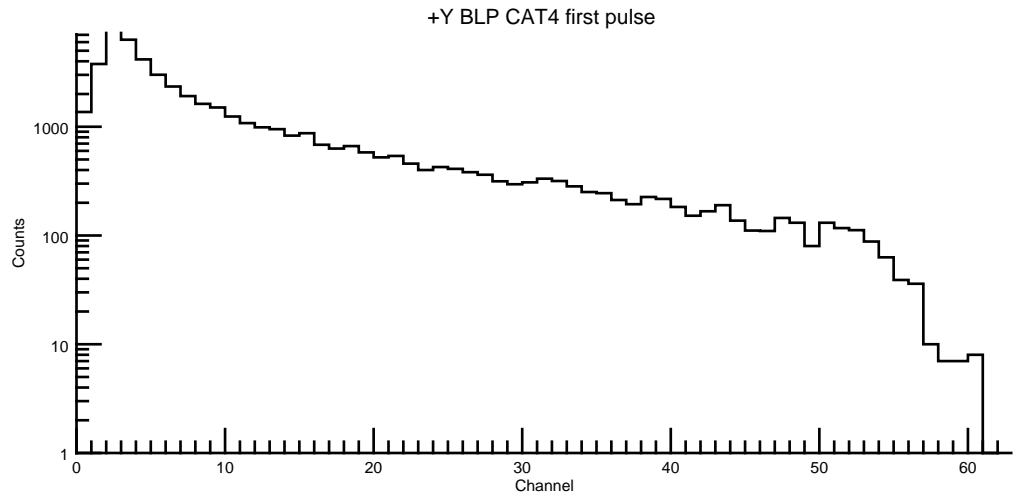
+Z BLP CAT4 second pulse



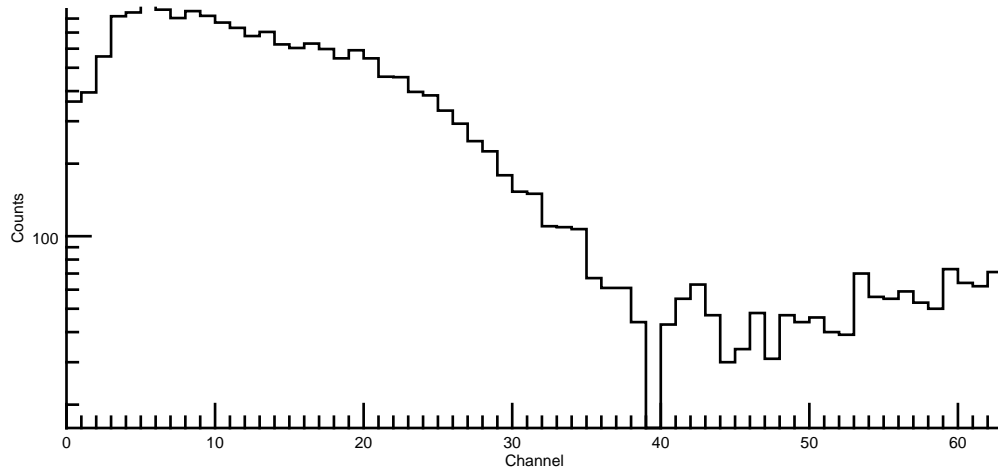
+Z BLP CAT4 time to second pulse



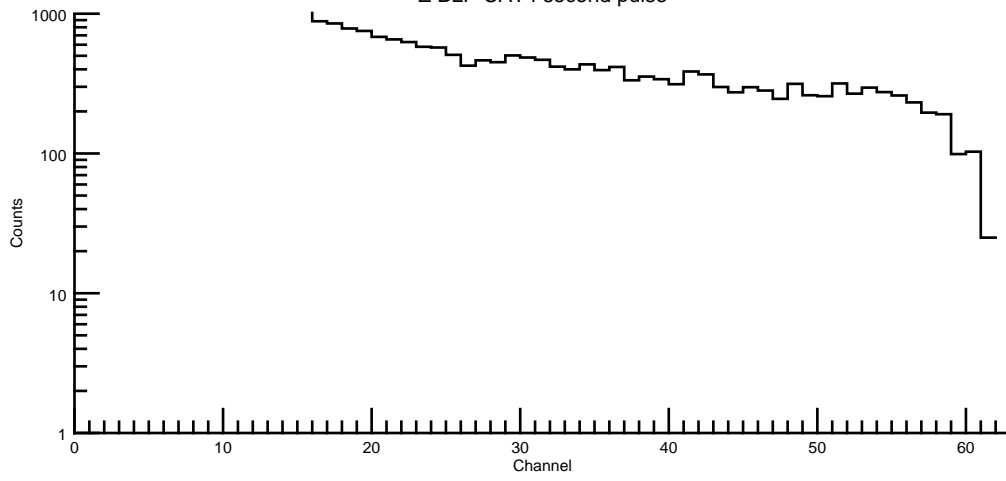




-Z BLP CAT4 first pulse



-Z BLP CAT4 second pulse



-Z BLP CAT4 time to second pulse

