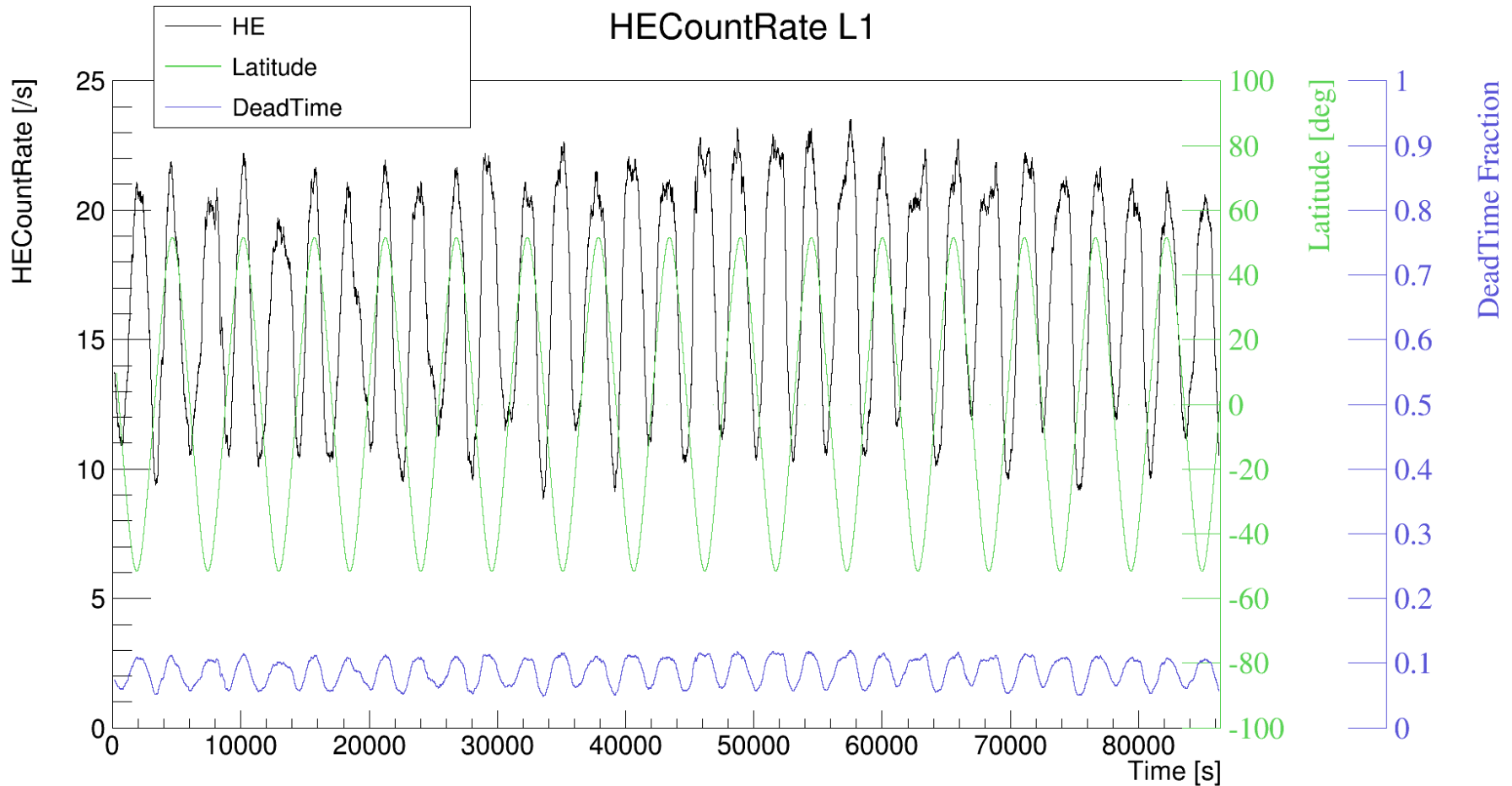


Quick Check of 24-hour Simulated CALET Level1 Volumes

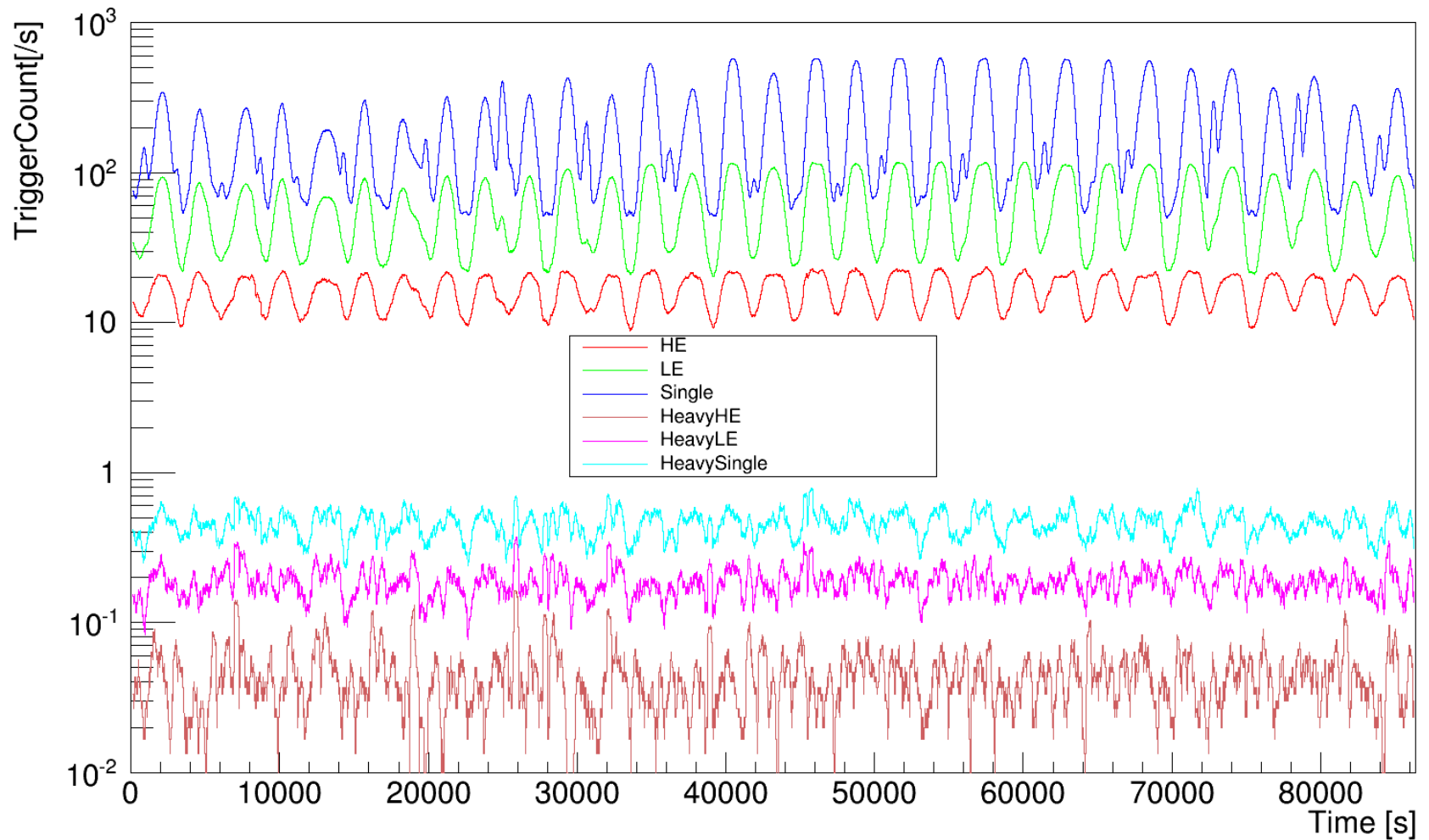
150501 DH&A Japan

HE Trigger and Dead Time Fraction

DAQ is started only when HE trigger fires

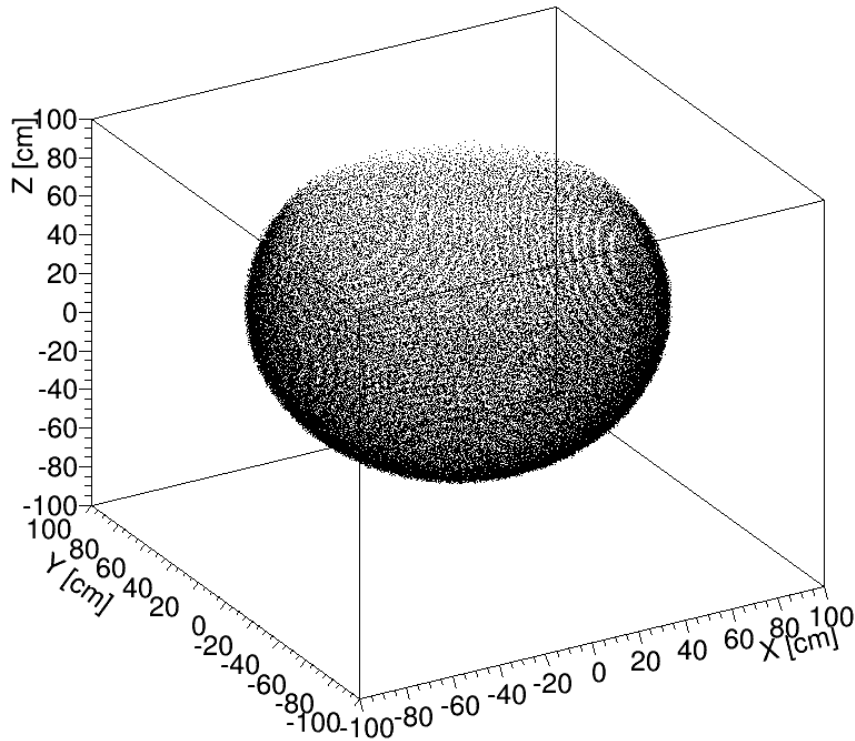


Trigger Count Rate

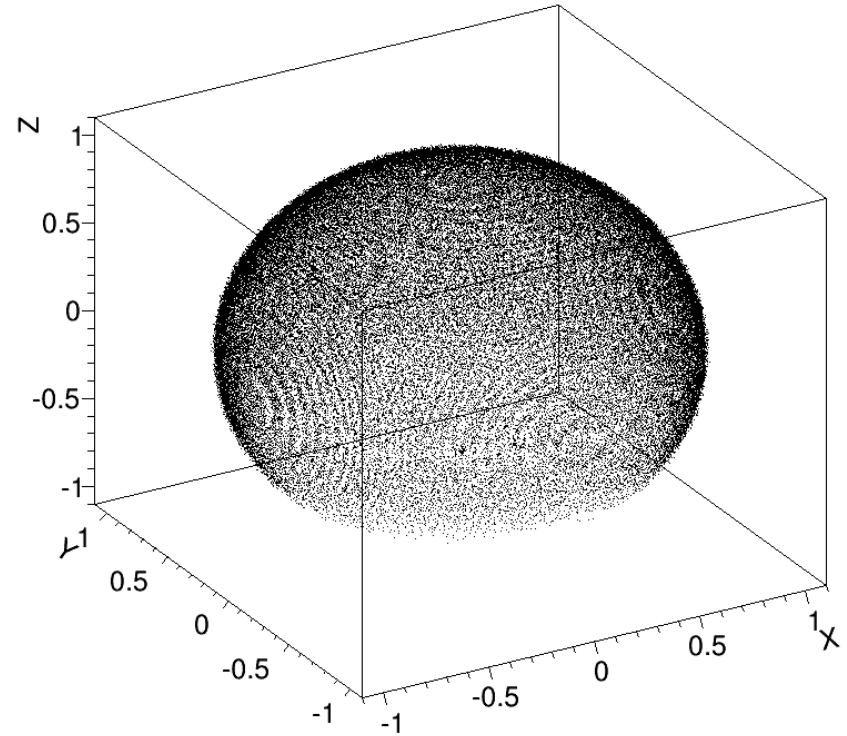


Incident Position and Direction

Incident Position



Incident Direction

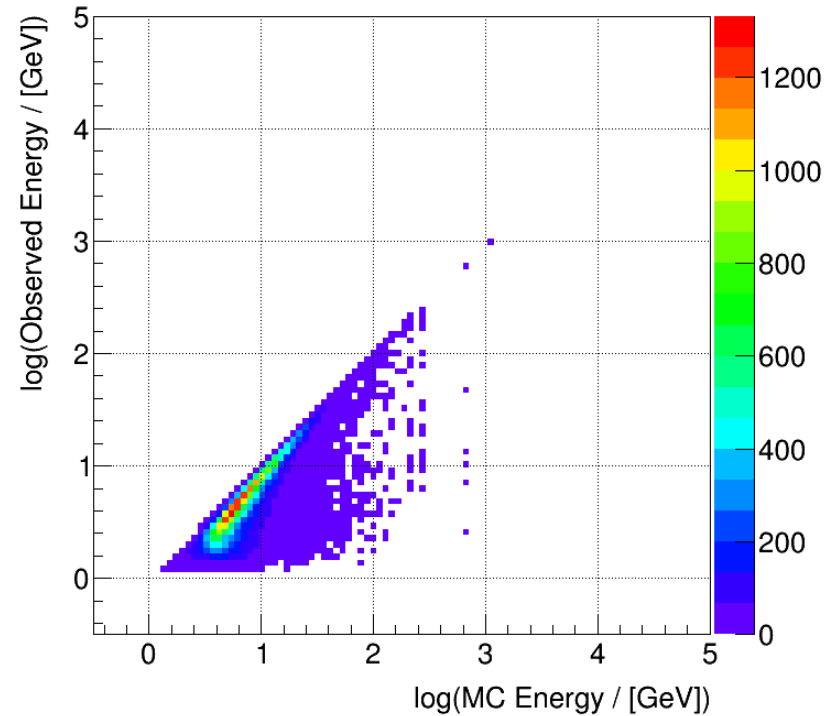
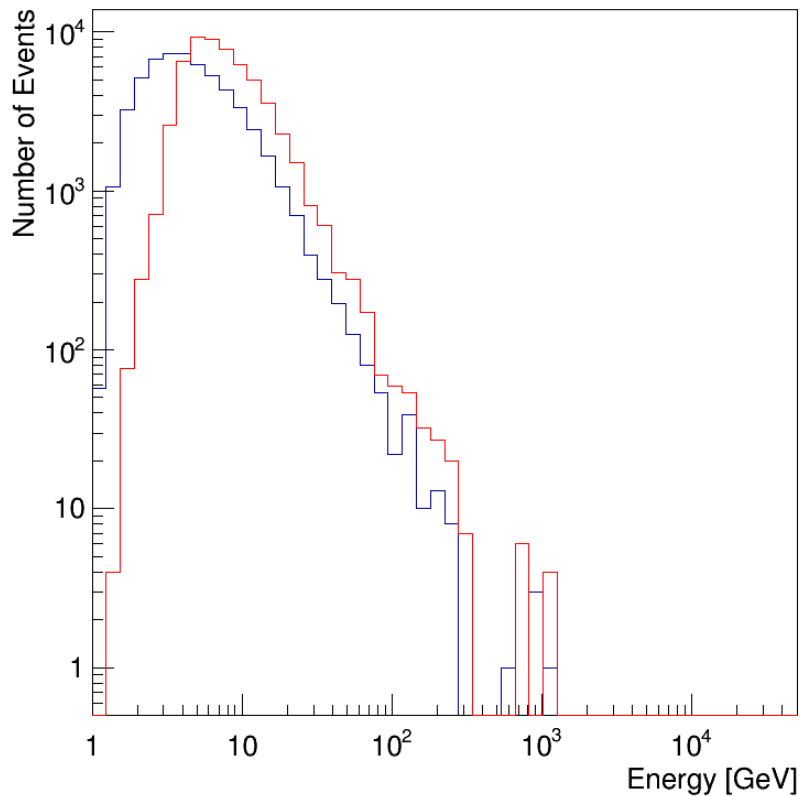


negative Z direction corresponds to detector's upper side

Energy Spectrum of Primary Electrons

All triggered events are shown.

No quality cut applied, no geometry condition applied.

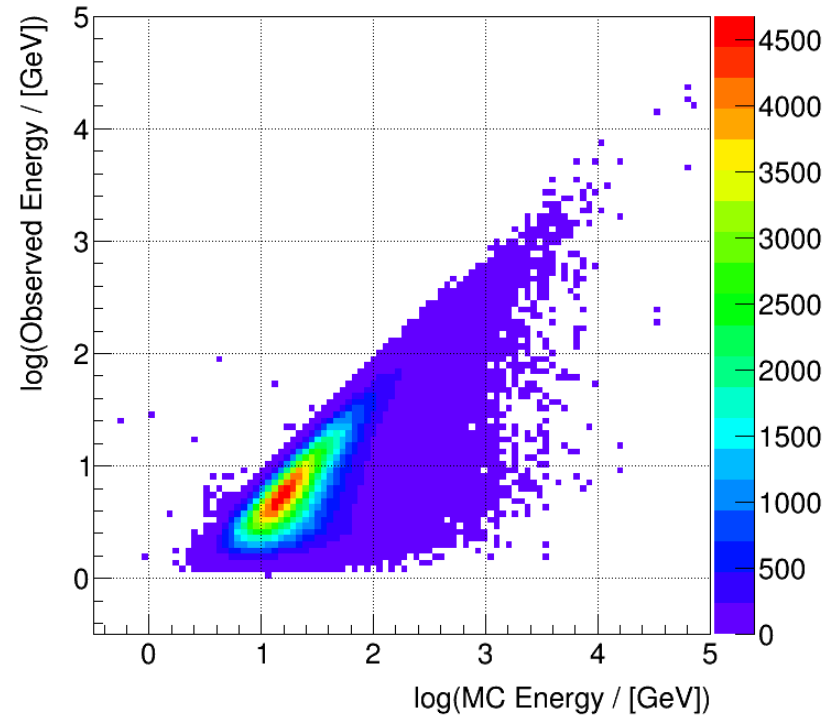
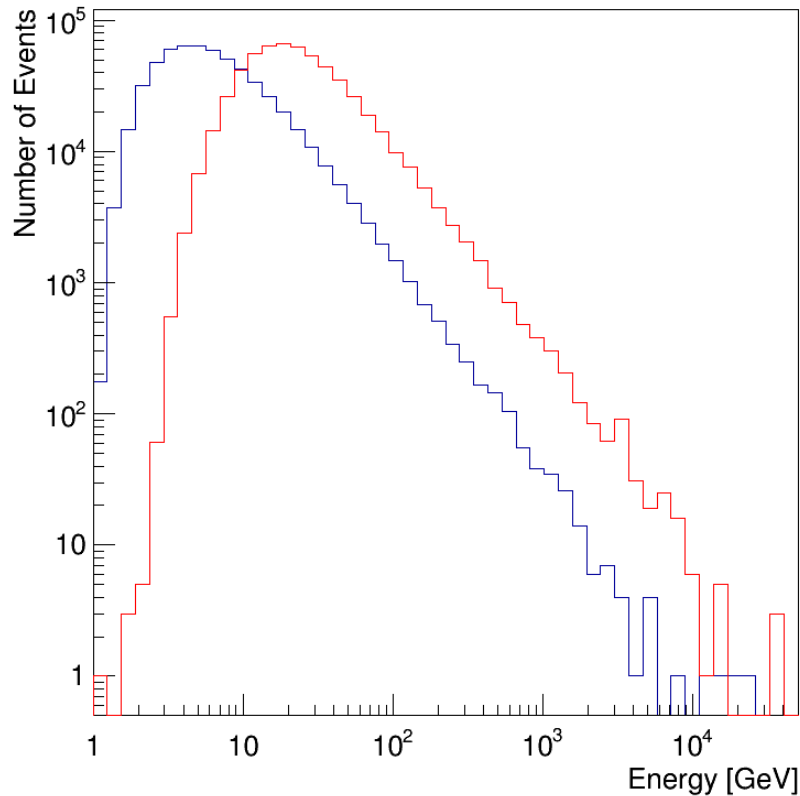


Observed Energy = Deposited Energy Sum of TASC

Energy Spectrum of Primary Protons

All triggered events are shown.

No quality cut applied, no geometry condition applied



Observed Energy = Deposited Energy Sum of TASC

Example of Electron Event (1)



Example of Electron Event (2)



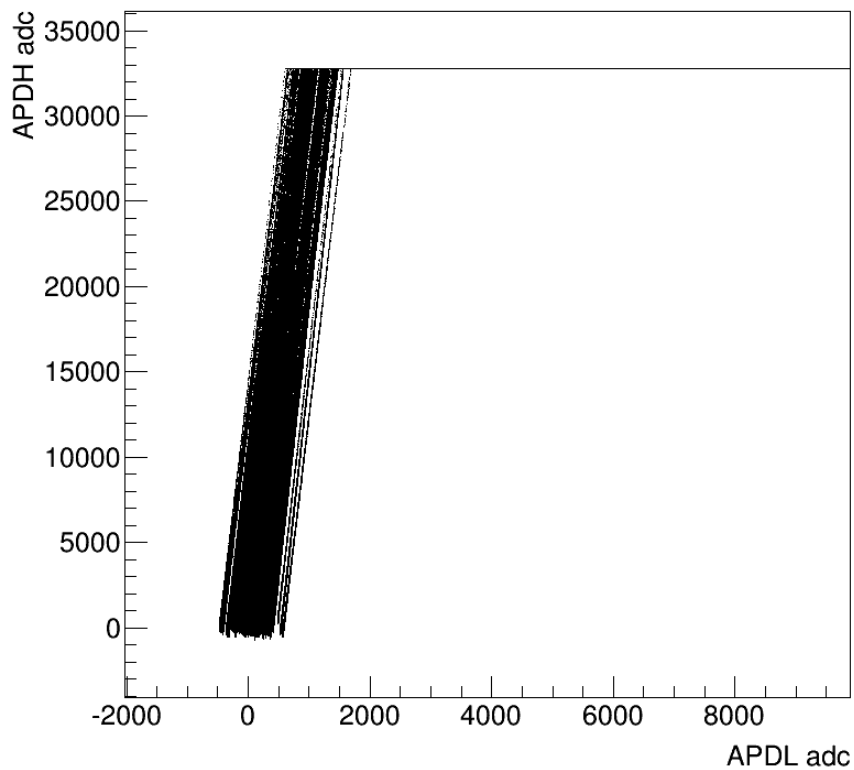
Example of Proton Event (1)



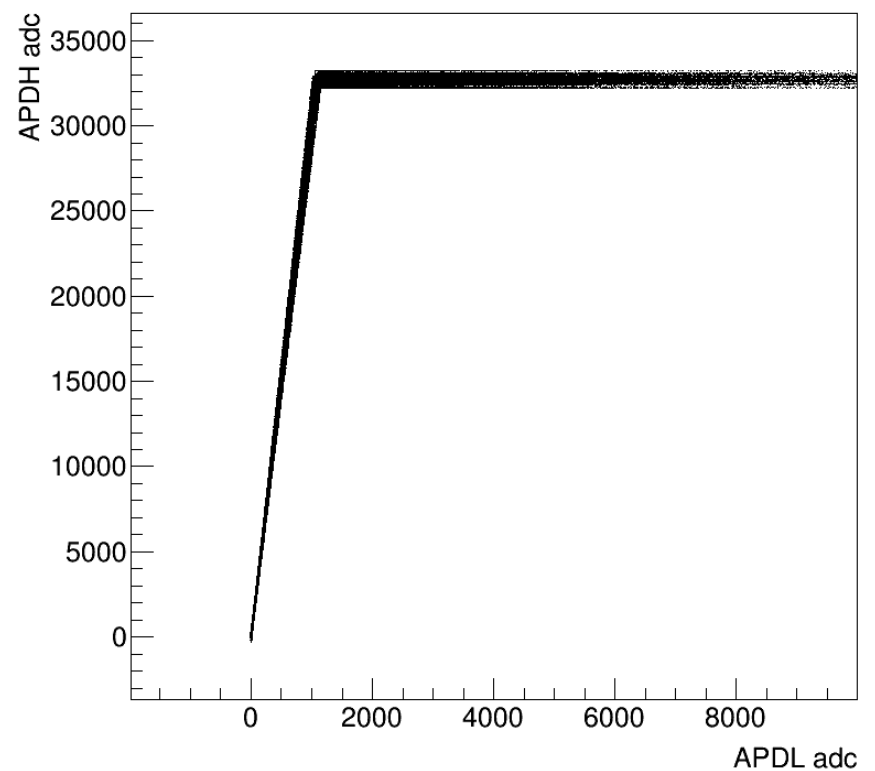
Example of Proton Event (2)



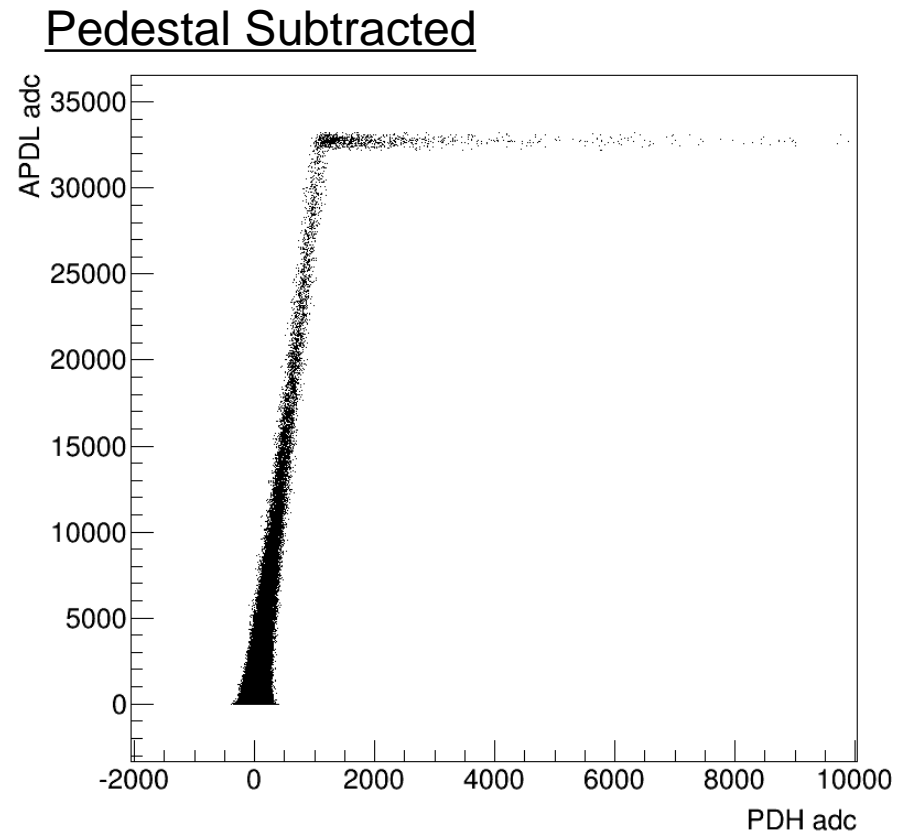
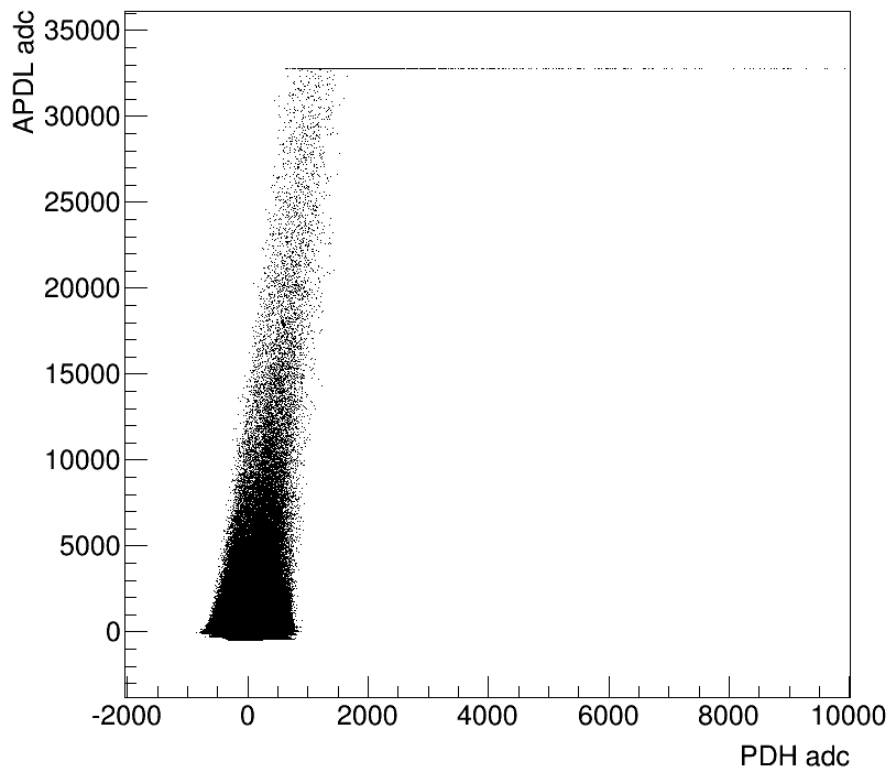
TASC ADC Correlation between APD High Gain and APD Low Gain



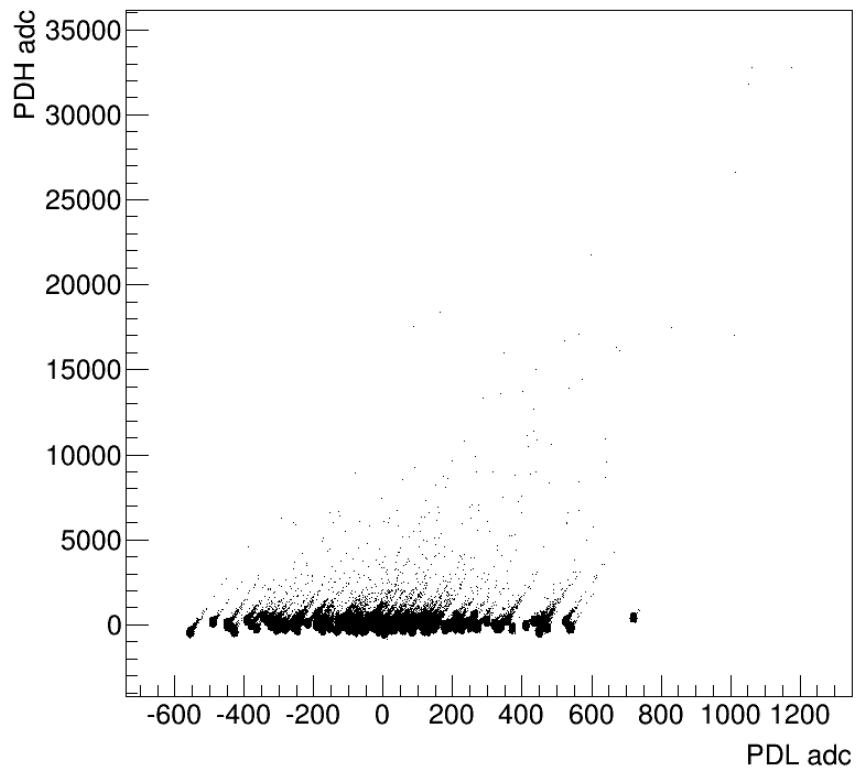
Pedestal Subtracted



TASC ADC Correlation between APD Low Gain and PD High Gain



TASC ADC Correlation between PD High Gain and PD Low Gain



Pedestal Subtracted

