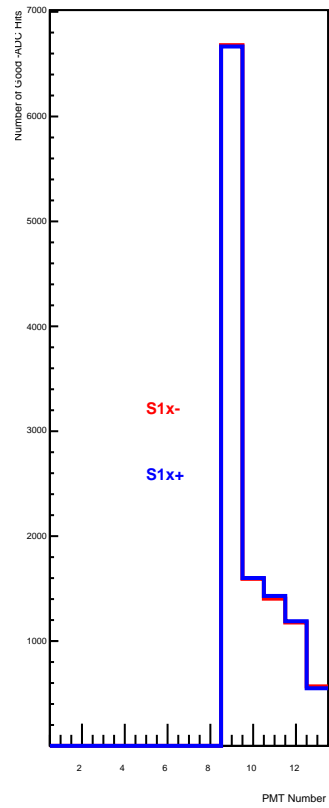
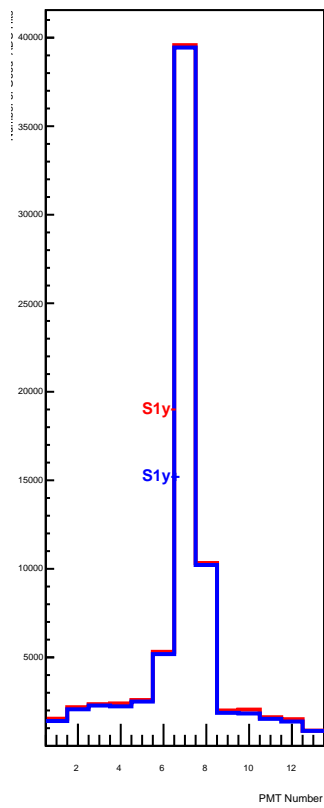


# Summary Plots(Run #20770): SHMS Hodoscope ADC Occ/Mult

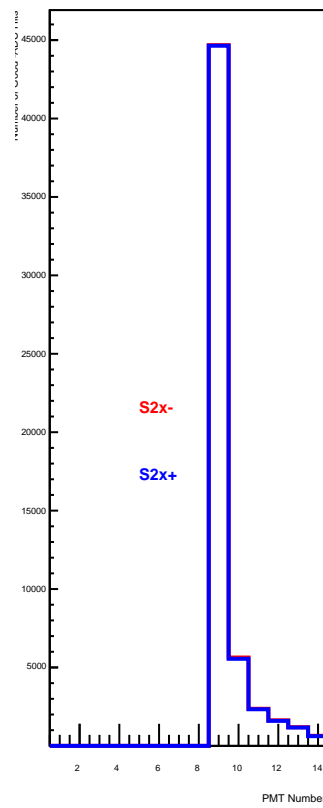
SHMS Hodo 1x Good ADC Occupancy



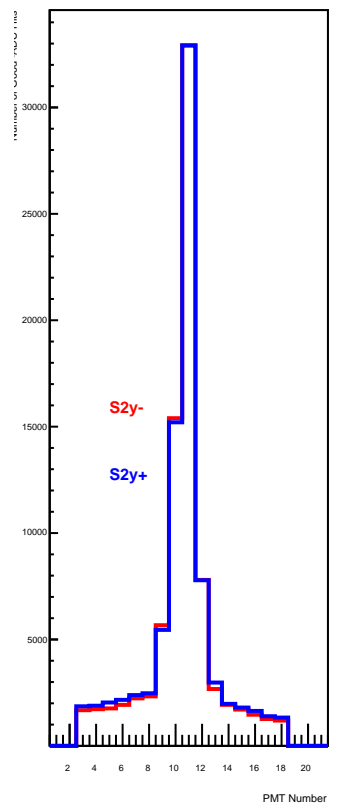
SHMS Hodo 1y Good ADC Occupancy



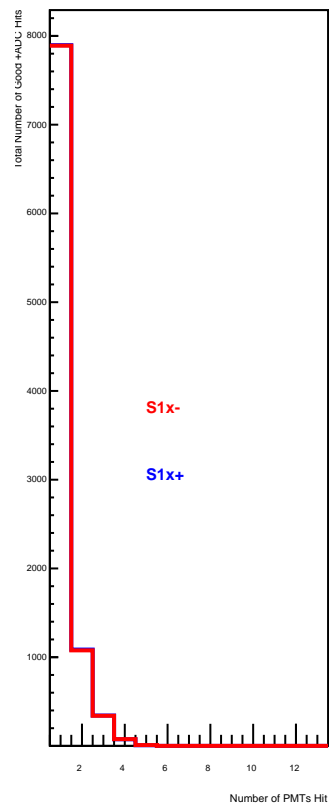
SHMS Hodo 2x Good ADC Occupancy



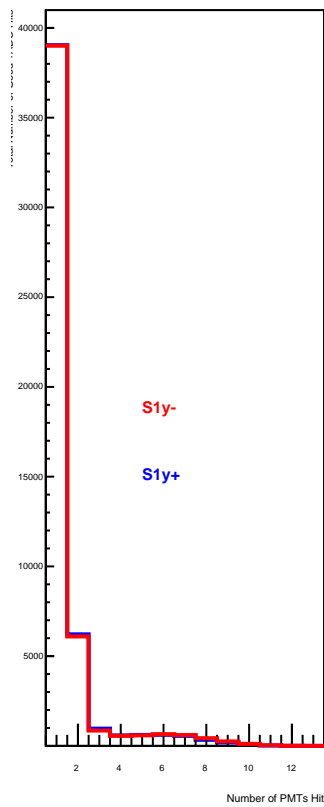
SHMS Hodo 2y Good ADC Occupancy



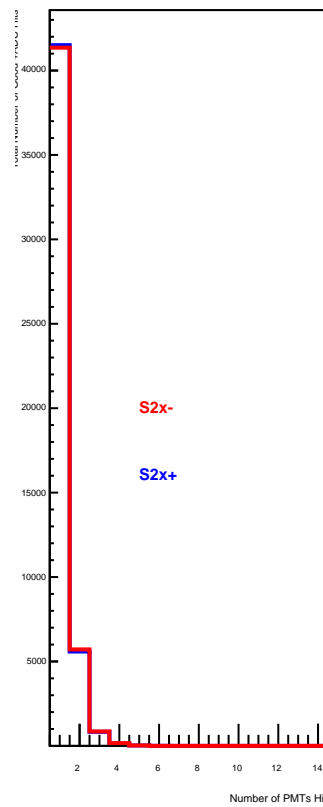
SHMS Hodo 1x Good ADC Multiplicity



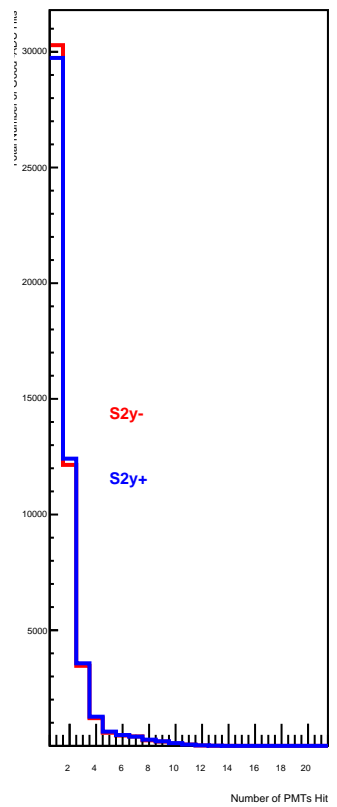
SHMS Hodo 1y Good ADC Multiplicity



SHMS Hodo 2x Good ADC Multiplicity

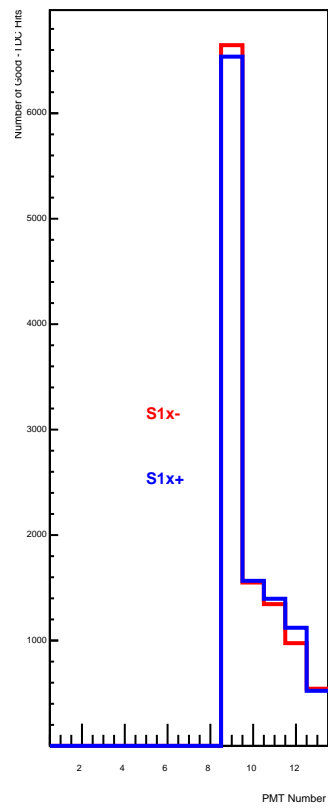


SHMS Hodo 2y Good ADC Multiplicity

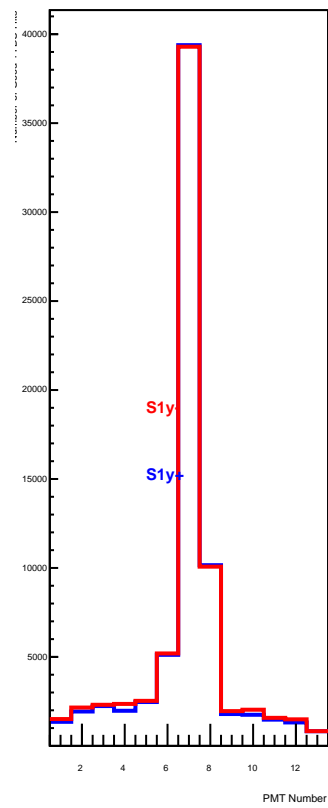


# Summary Plots(Run #20770): SHMS Hodoscope TDC Occ/Mult

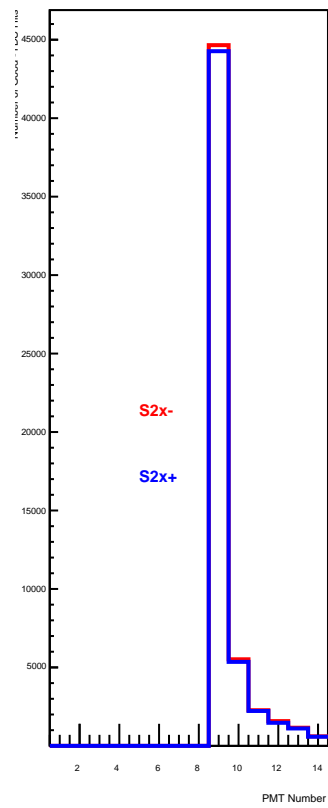
### SHMS Hodo 1x Good TDC Occupancy



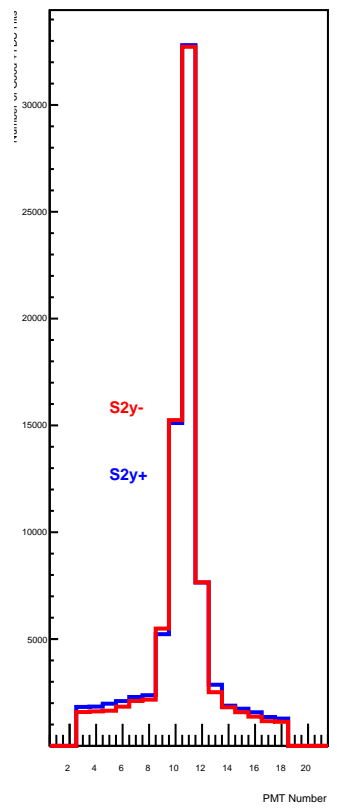
### SHMS Hodo 1y Good TDC Occupancy



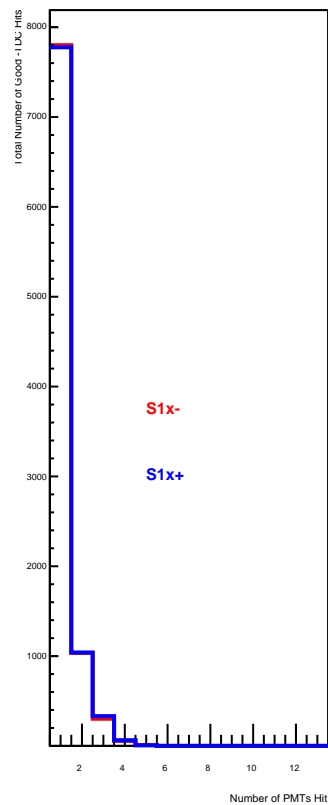
### SHMS Hodo 2x Good TDC Occupancy



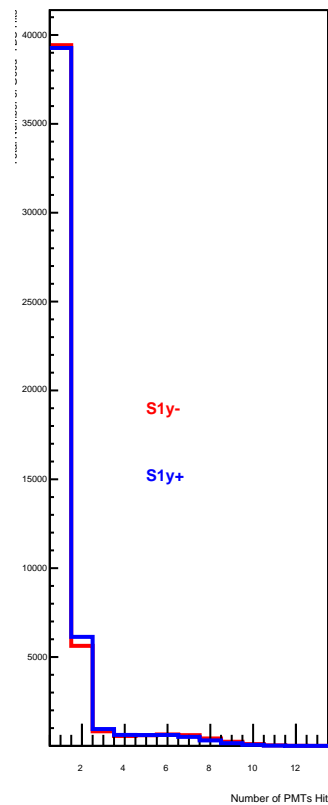
### SHMS Hodo 2y Good TDC Occupancy



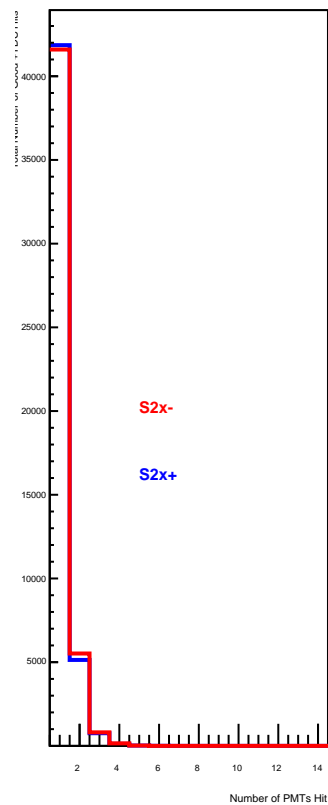
### SHMS Hodo 1x Good TDC Multiplicity



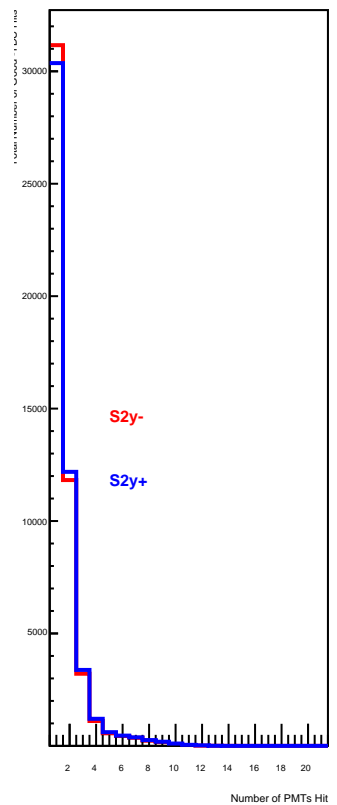
### SHMS Hodo 1y Good TDC Multiplicity



### SHMS Hodo 2x Good TDC Multiplicity

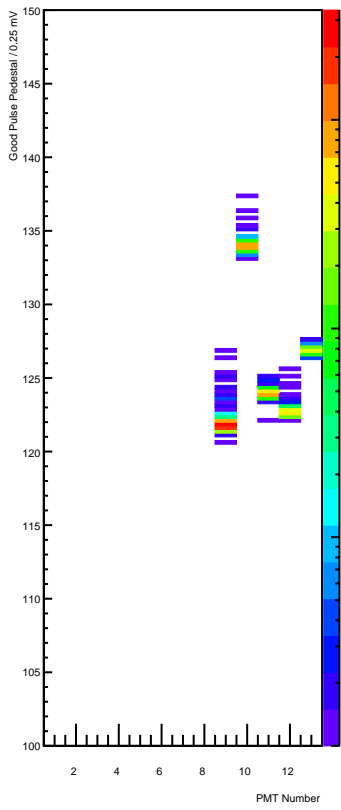


### SHMS Hodo 2y Good TDC Multiplicity

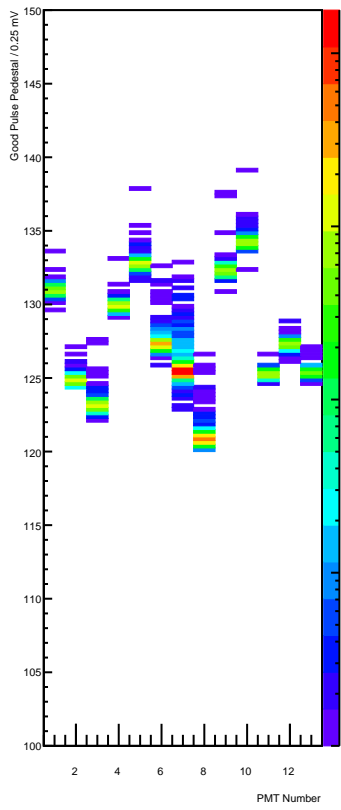


# Summary Plots(Run #20770): SHMS Hodoscope Pedestals

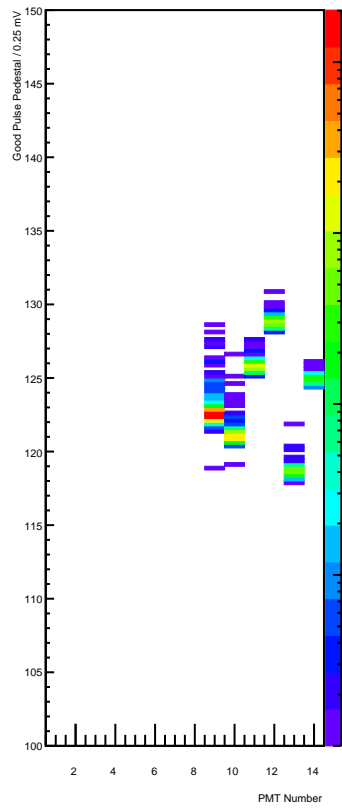
SHMS 1X+ Good Pulse Pedestal vs. PMT Number



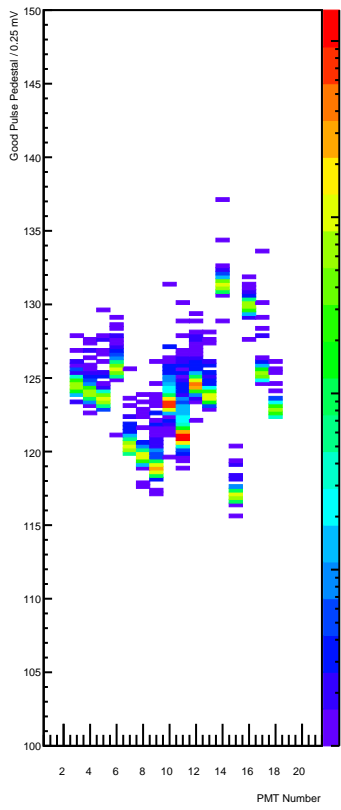
SHMS 1Y+ Good Pulse Pedestal vs. PMT Number



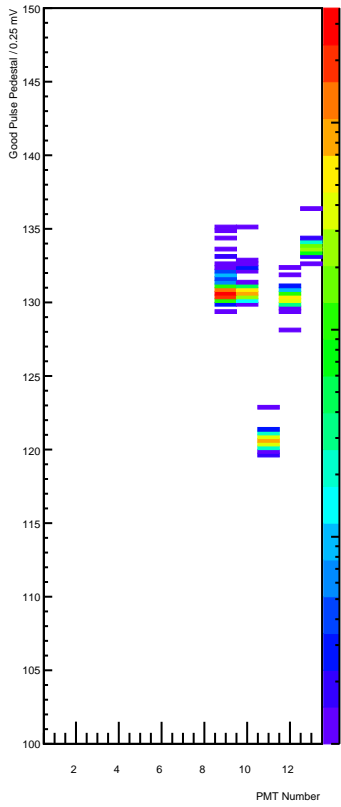
SHMS 2X+ Good Pulse Pedestal vs. PMT Number



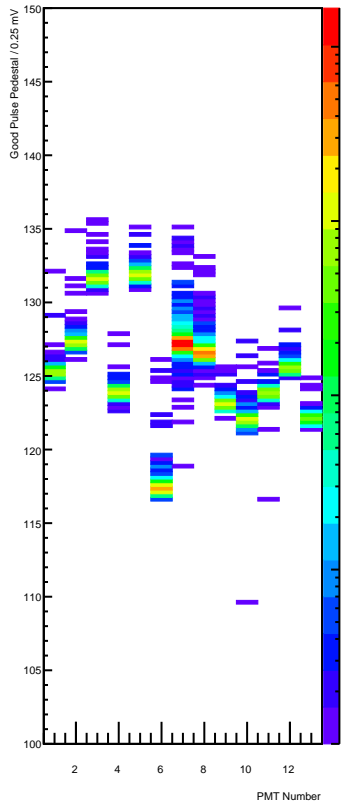
SHMS 2Y+ Good Pulse Pedestal vs. PMT Number



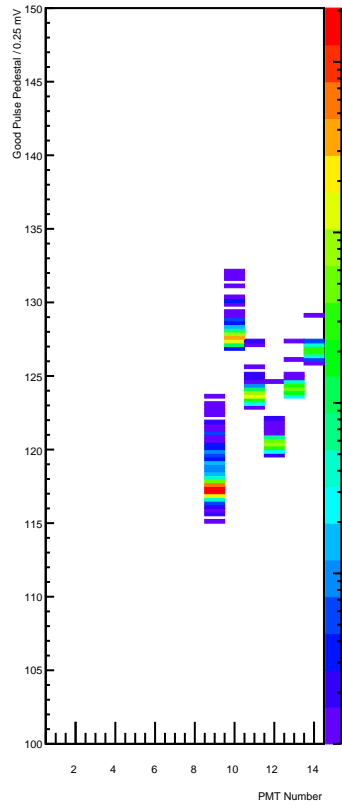
SHMS 1X- Good Pulse Pedestal vs. PMT Number



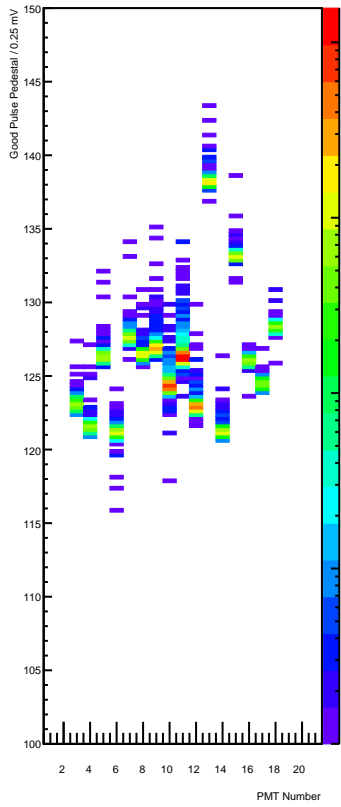
SHMS 1Y- Good Pulse Pedestal vs. PMT Number



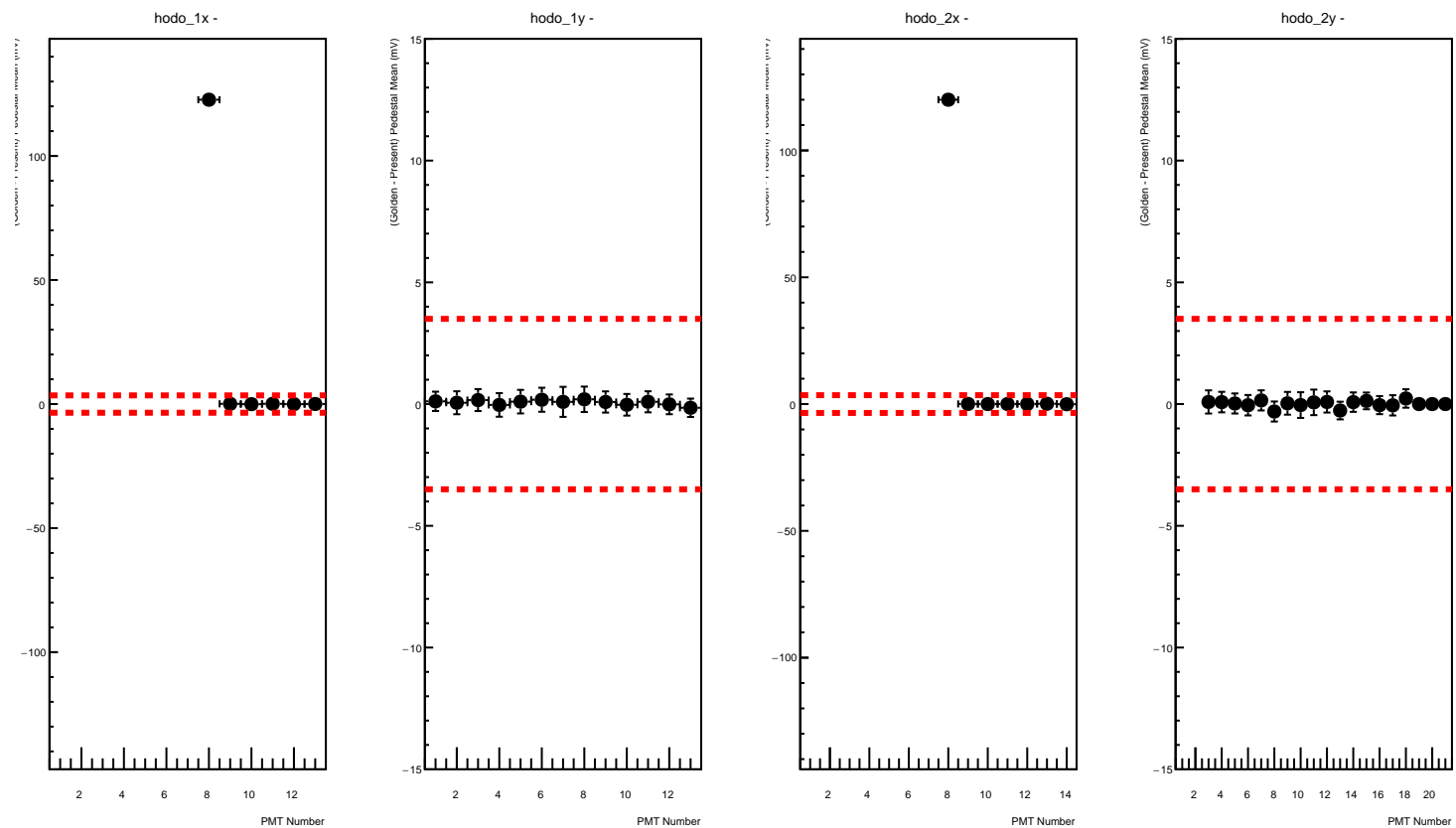
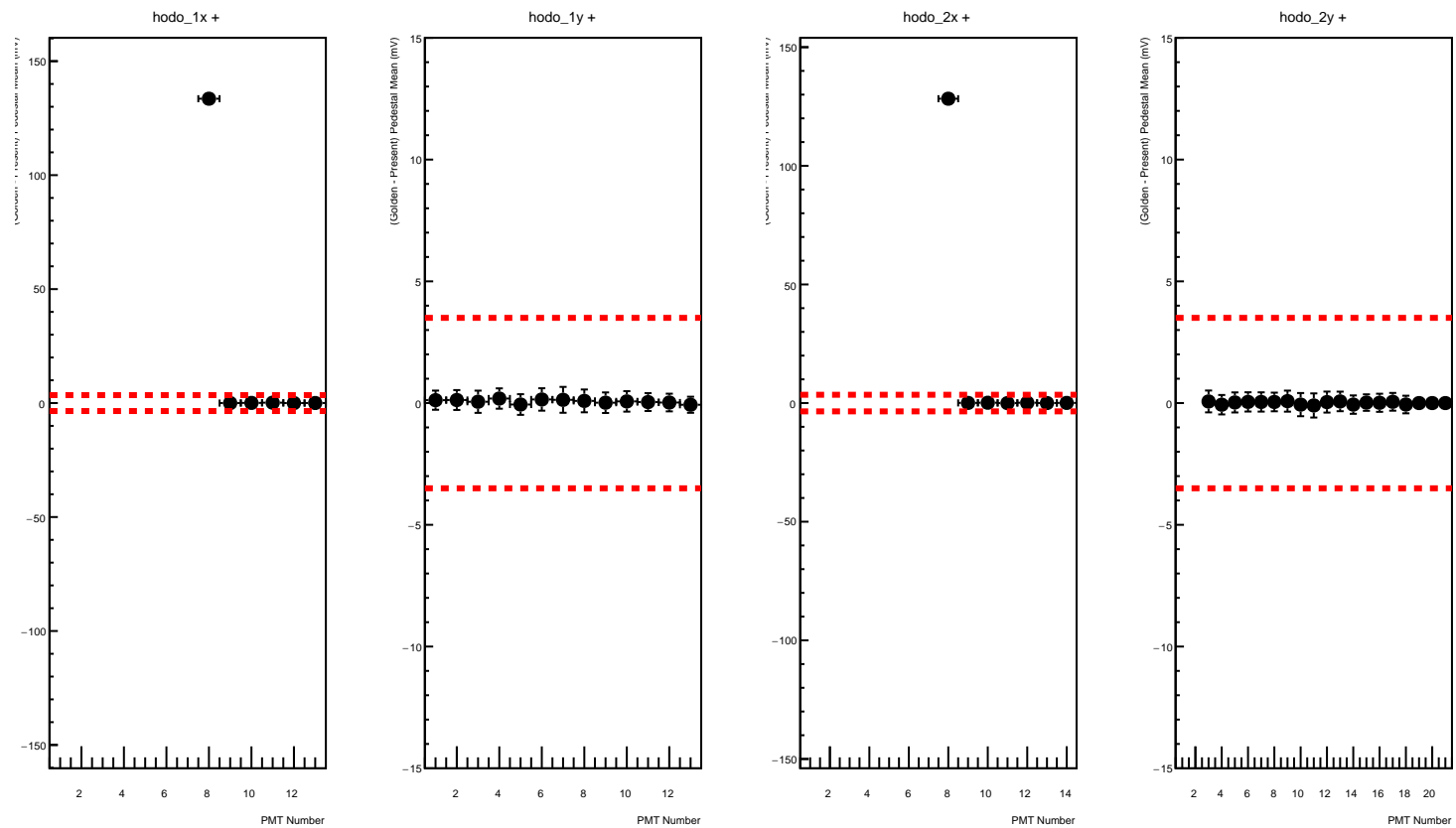
SHMS 2X- Good Pulse Pedestal vs. PMT Number



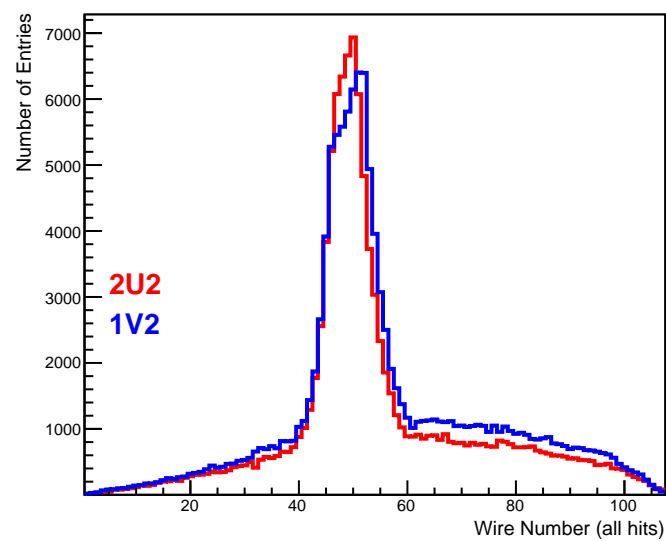
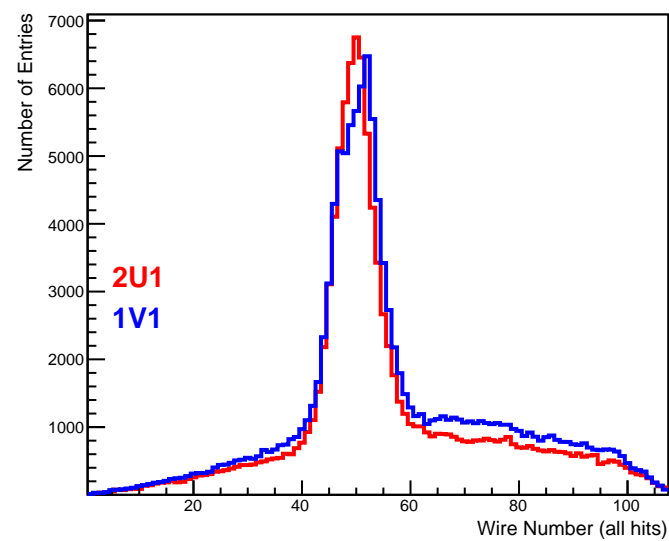
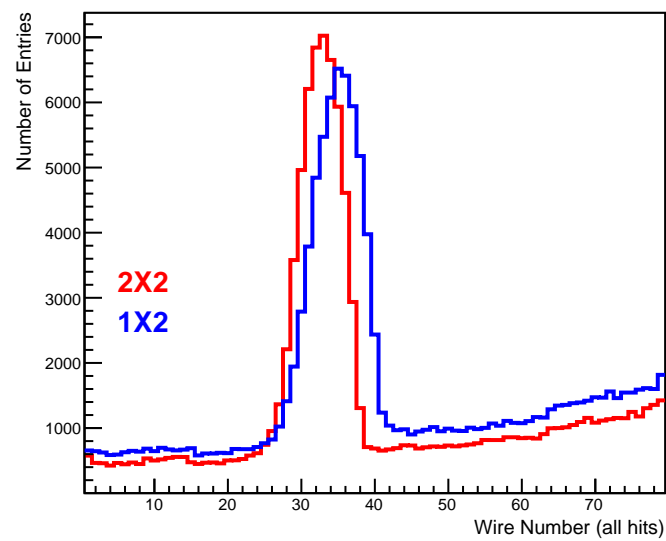
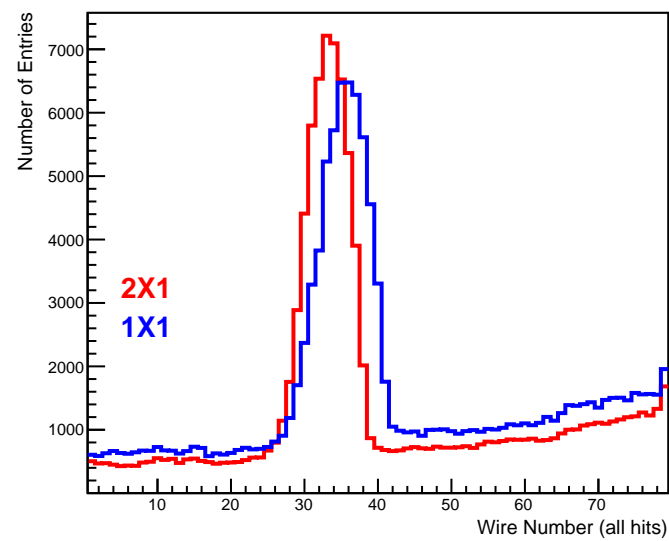
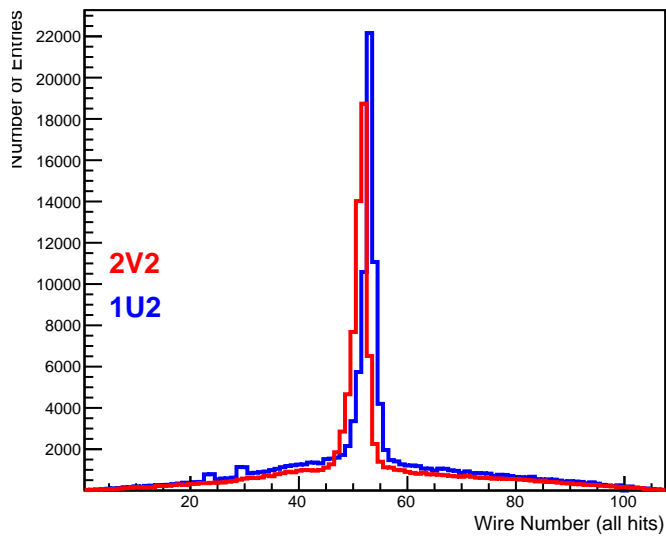
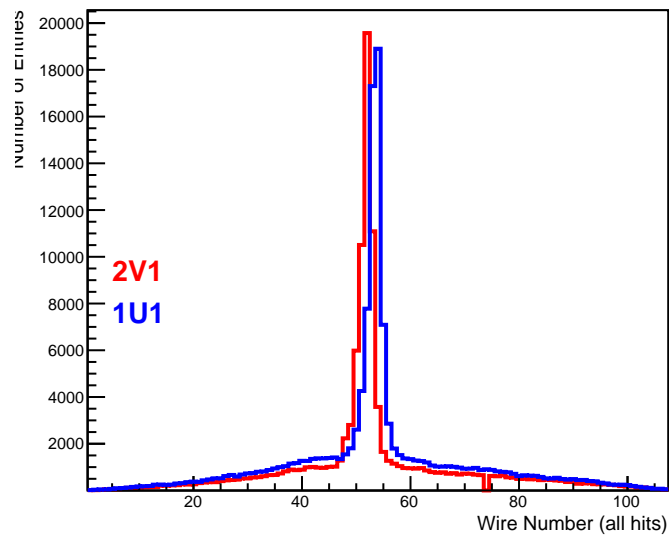
SHMS 2Y- Good Pulse Pedestal vs. PMT Number



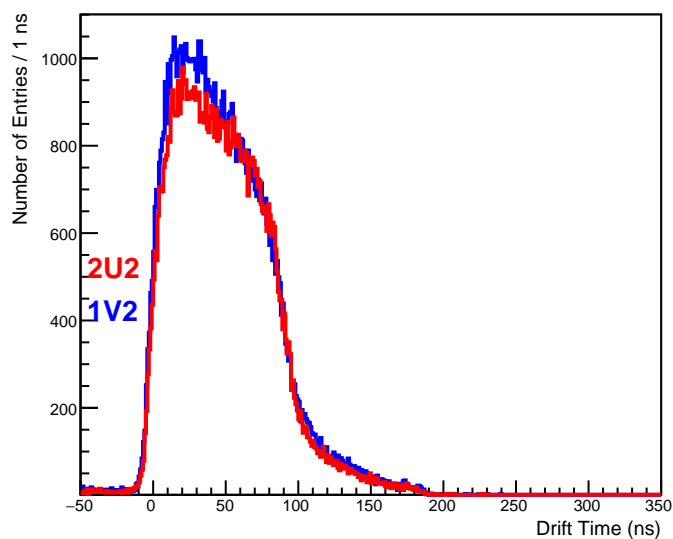
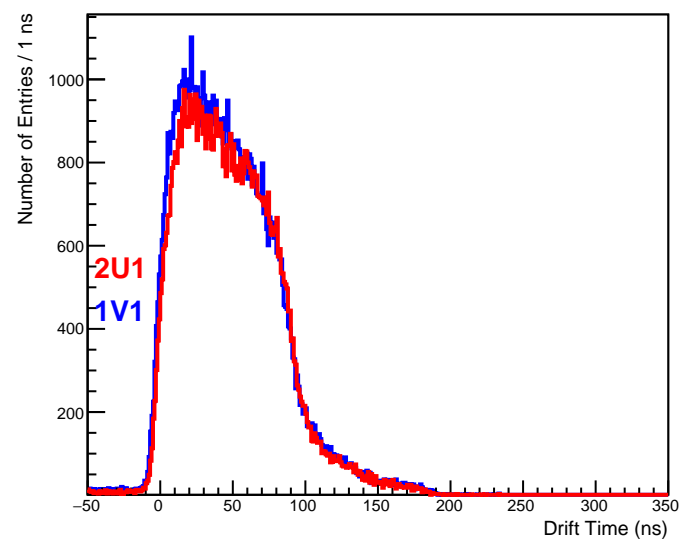
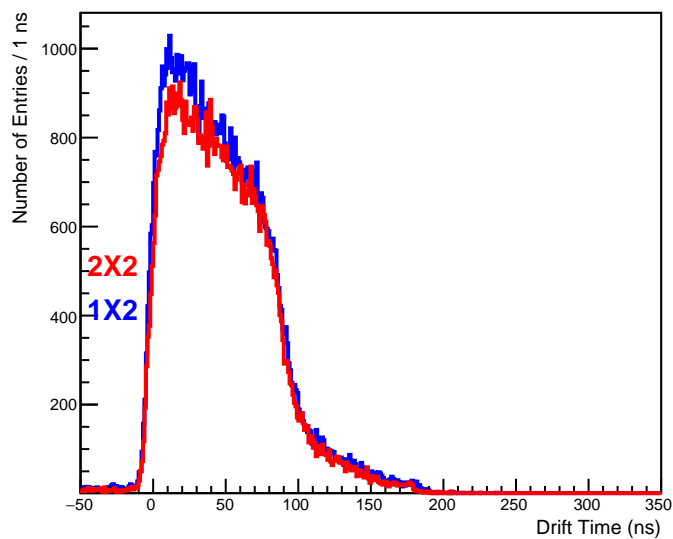
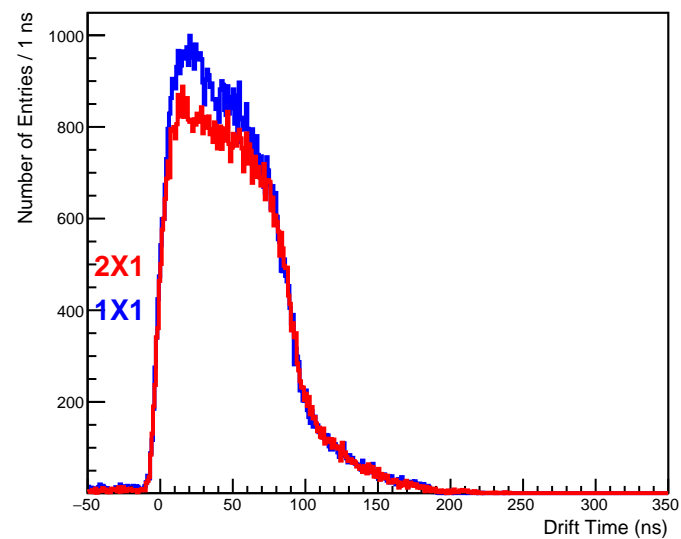
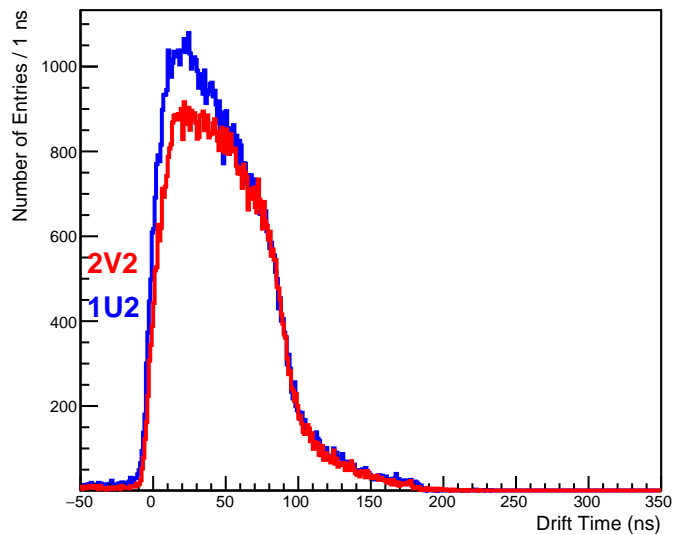
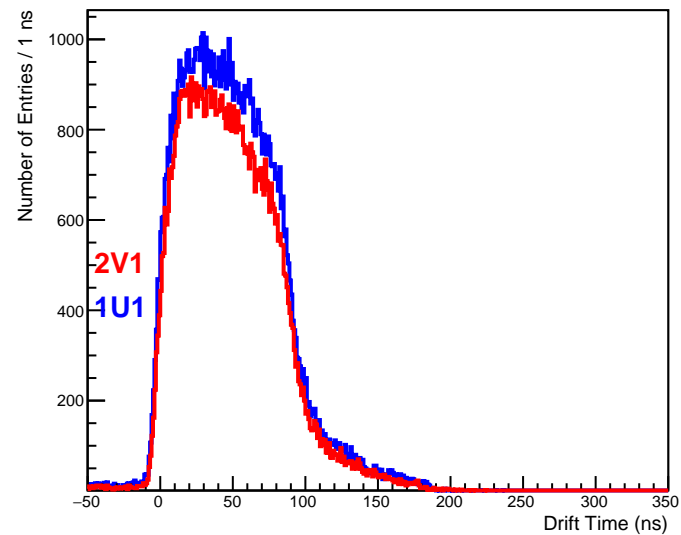
# Summary Plots(Run #20770): SHMS Hodoscope Pedestal Monitoring



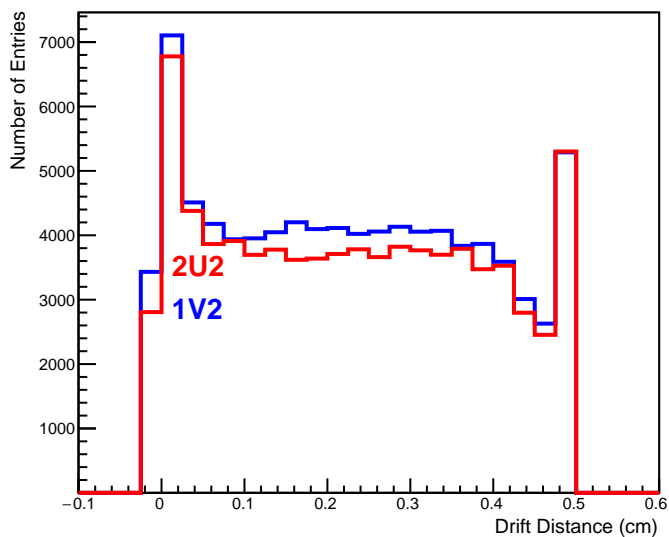
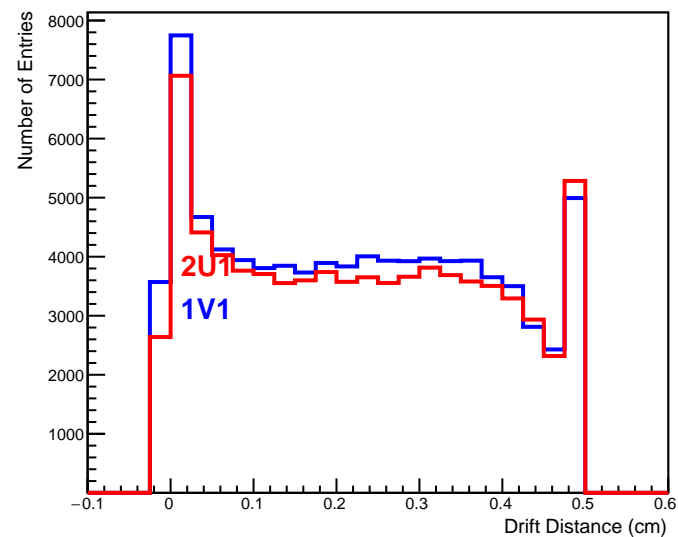
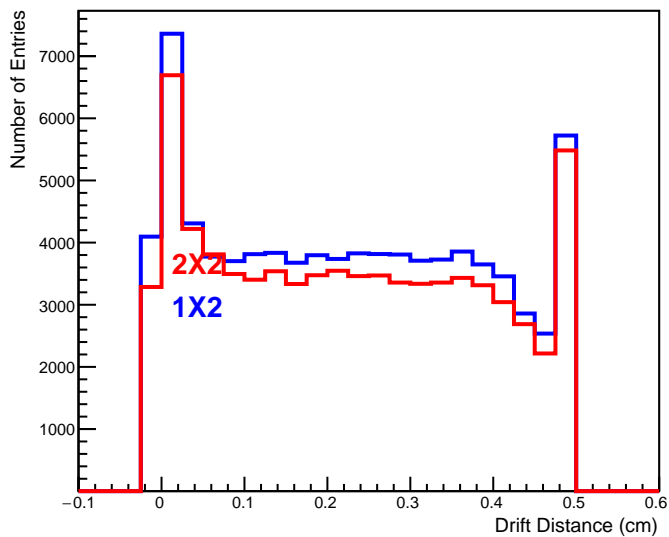
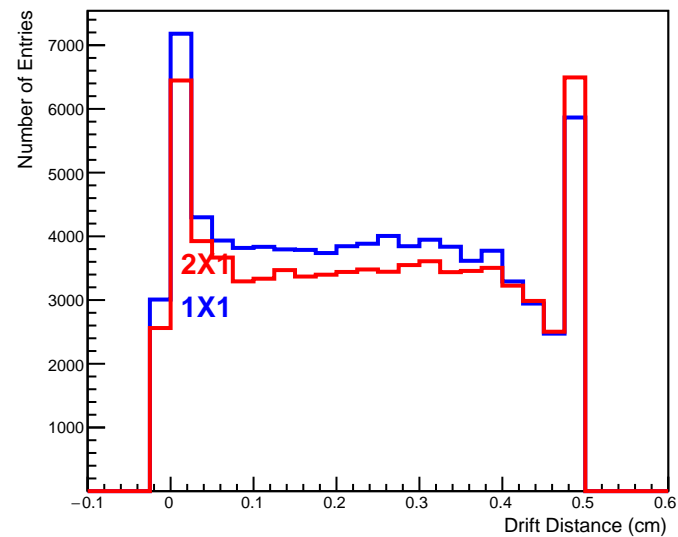
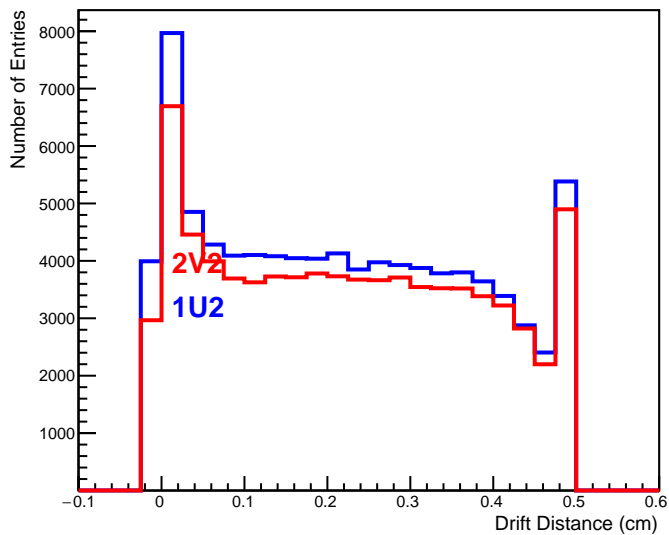
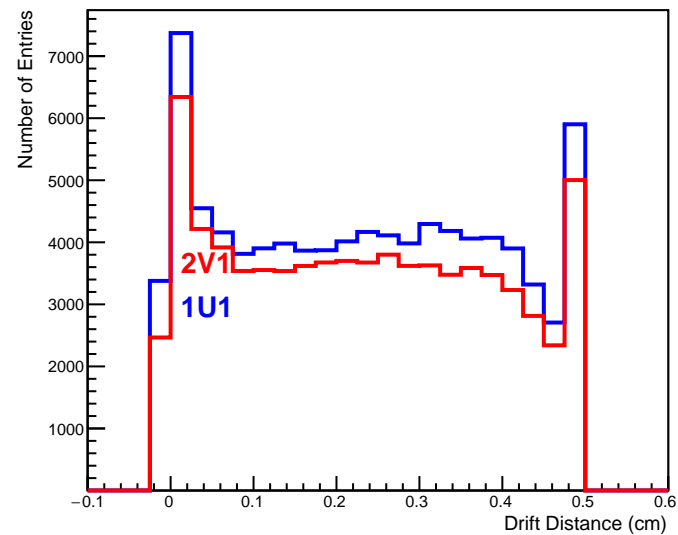
# Summary Plots(Run #20770): SHMS Drift Chamber Wire Maps (All Hits)



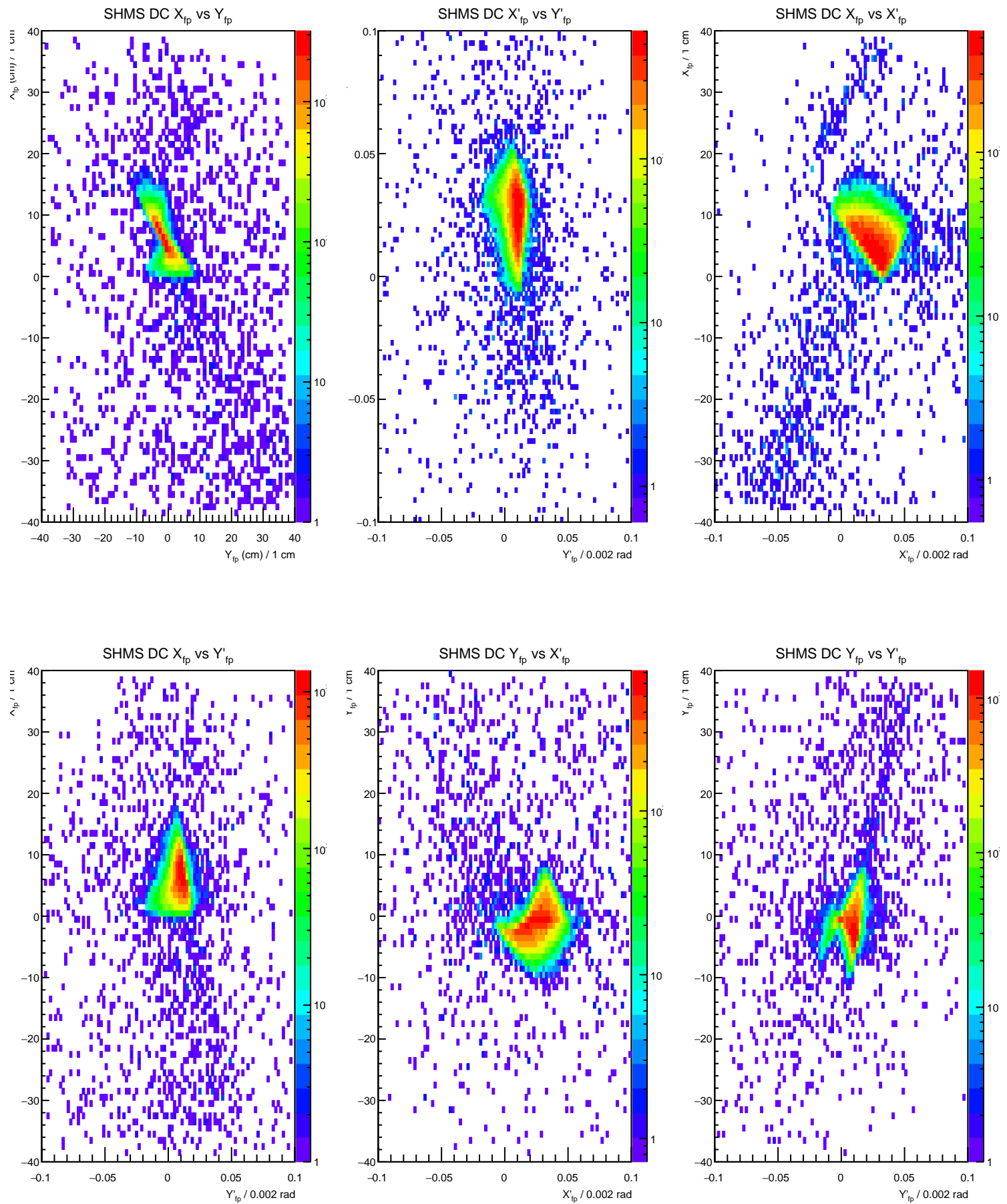
# Summary Plots(Run #20770): SHMS Drift Chamber Drift Time



# Summary Plots(Run #20770): SHMS Drift Chamber Drift Distance



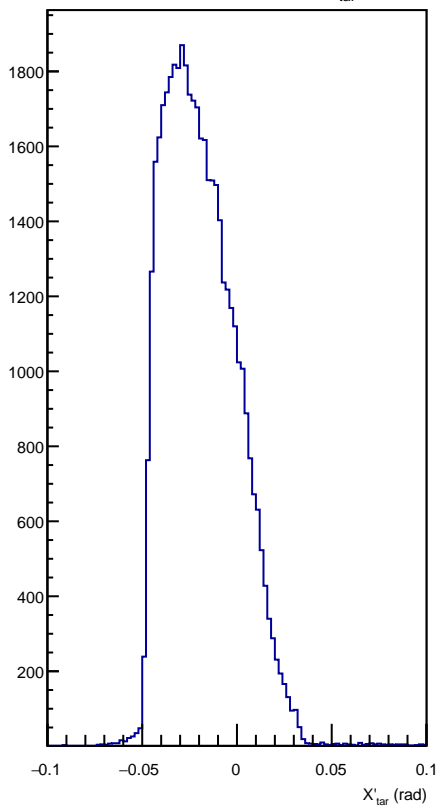
# Summary Plots(Run #20770): SHMS Focal Plane



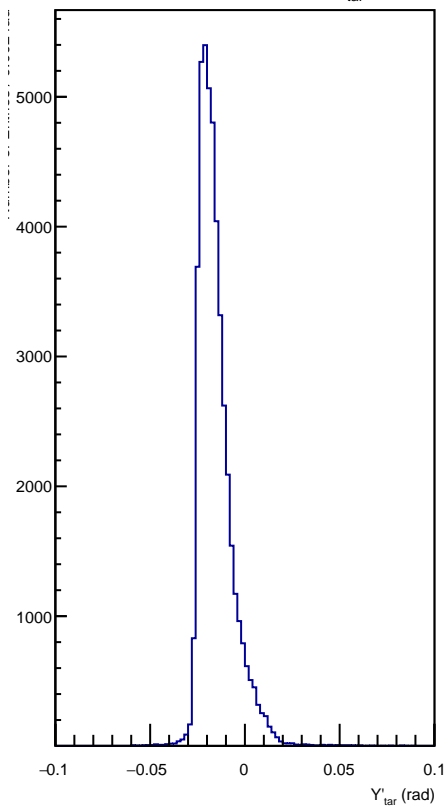


# Summary Plots(Run #20770): SHMS Target Quantites

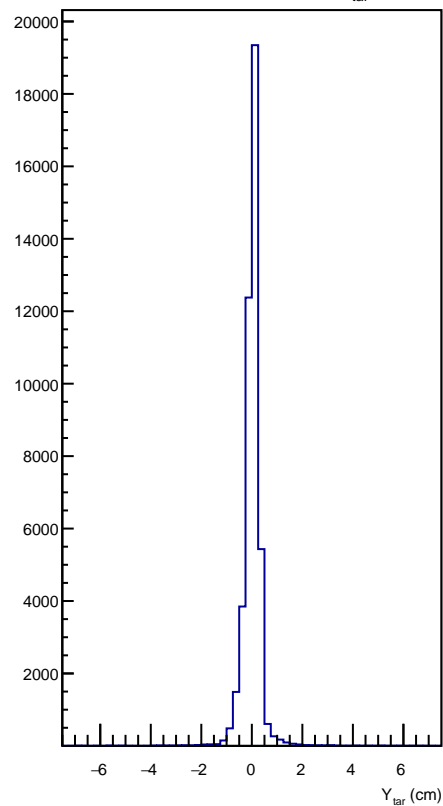
### SHMS Golden Track $X'_{tar}$



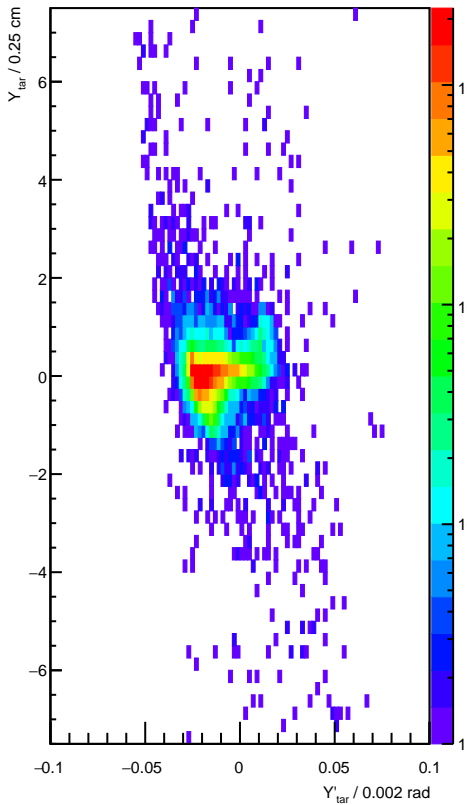
### SHMS Golden Track $Y'_{tar}$



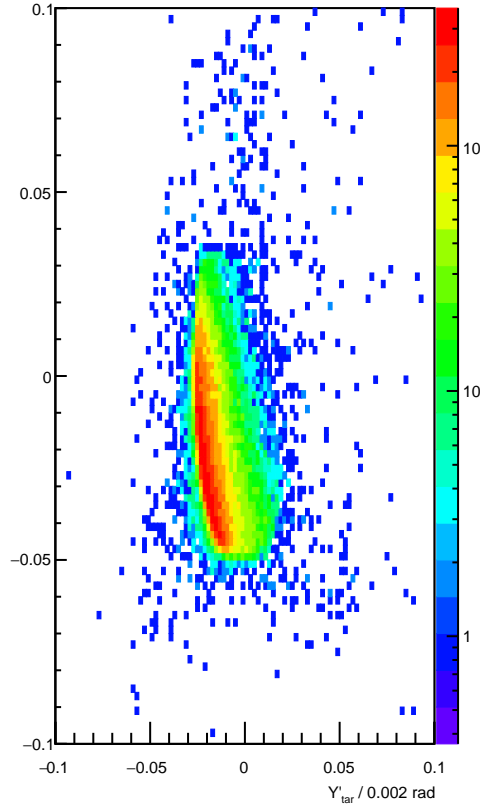
### SHMS Golden Track $Y_{tar}$



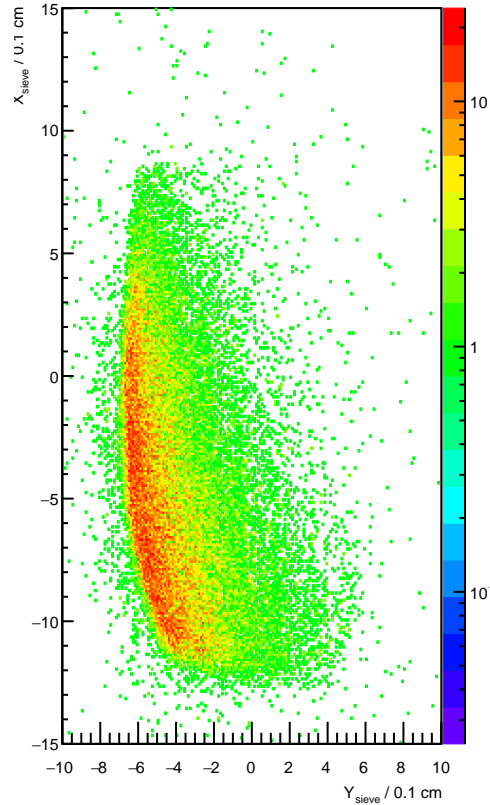
### SHMS Golden Track $Y_{tar}$ vs $Y'_{tar}$



### SHMS Golden Track $X'_{tar}$ vs $Y'_{tar}$

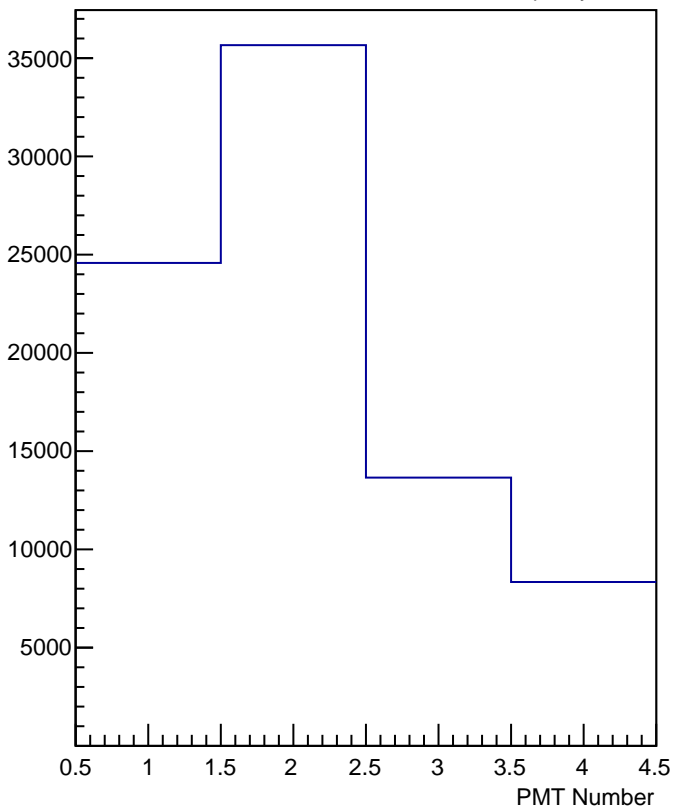


### SHMS Extended Target Correction XY-Sieve

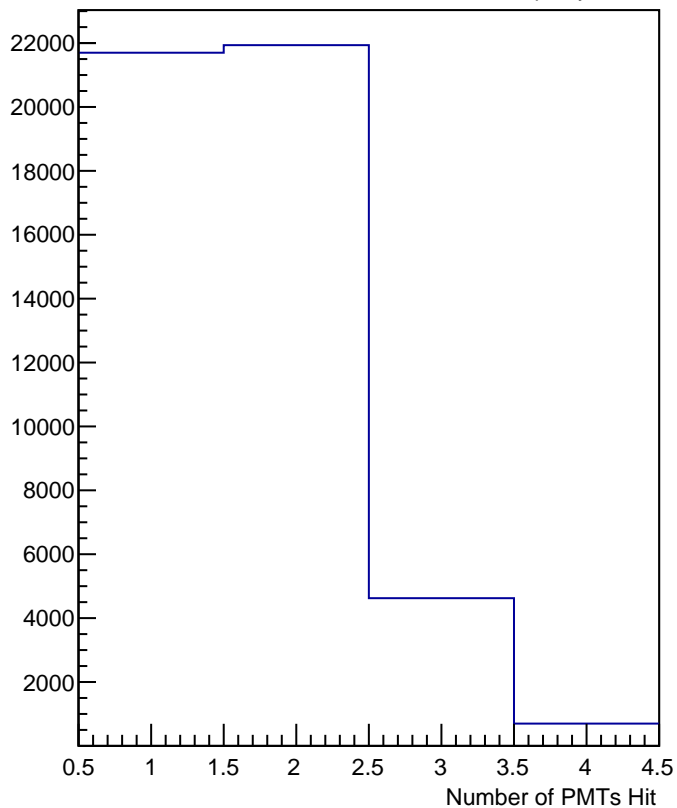


# Summary Plots(Run #20770): SHMS Cherenkov Occ/Mult

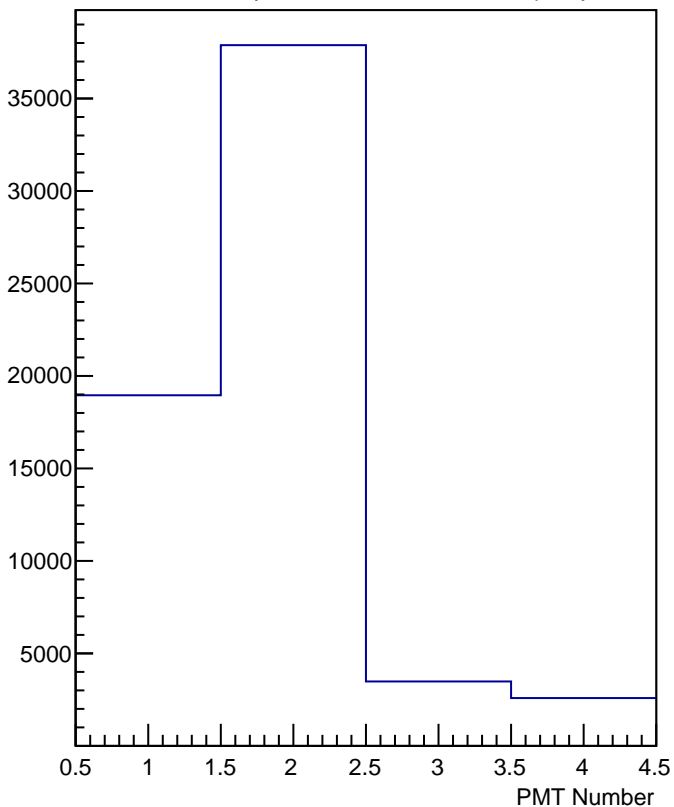
## SHMS Noble Gas Cherenkov Good Occupancy



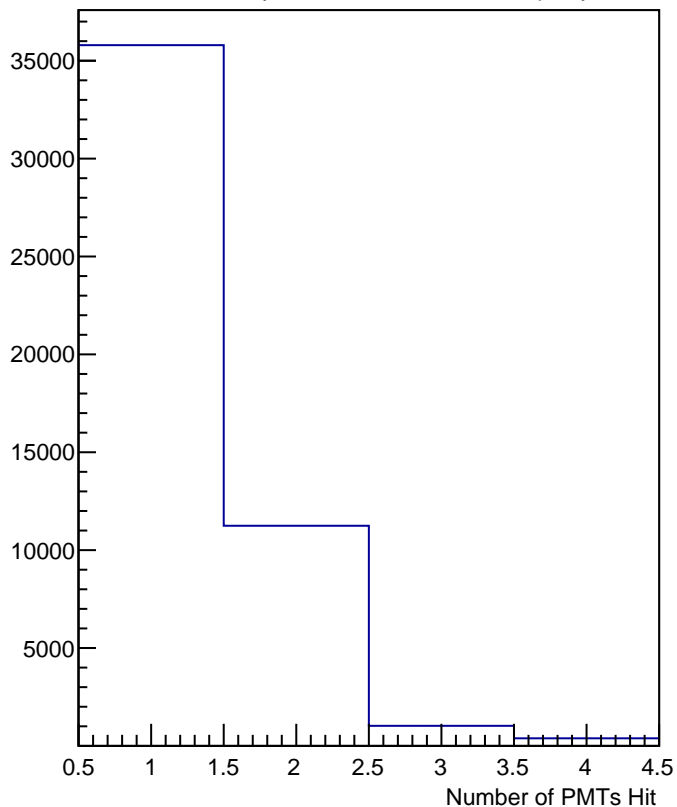
## SHMS Noble Gas Cherenkov Good Multiplicity



## SHMS Heavy Gas Cherenkov Good Occupancy

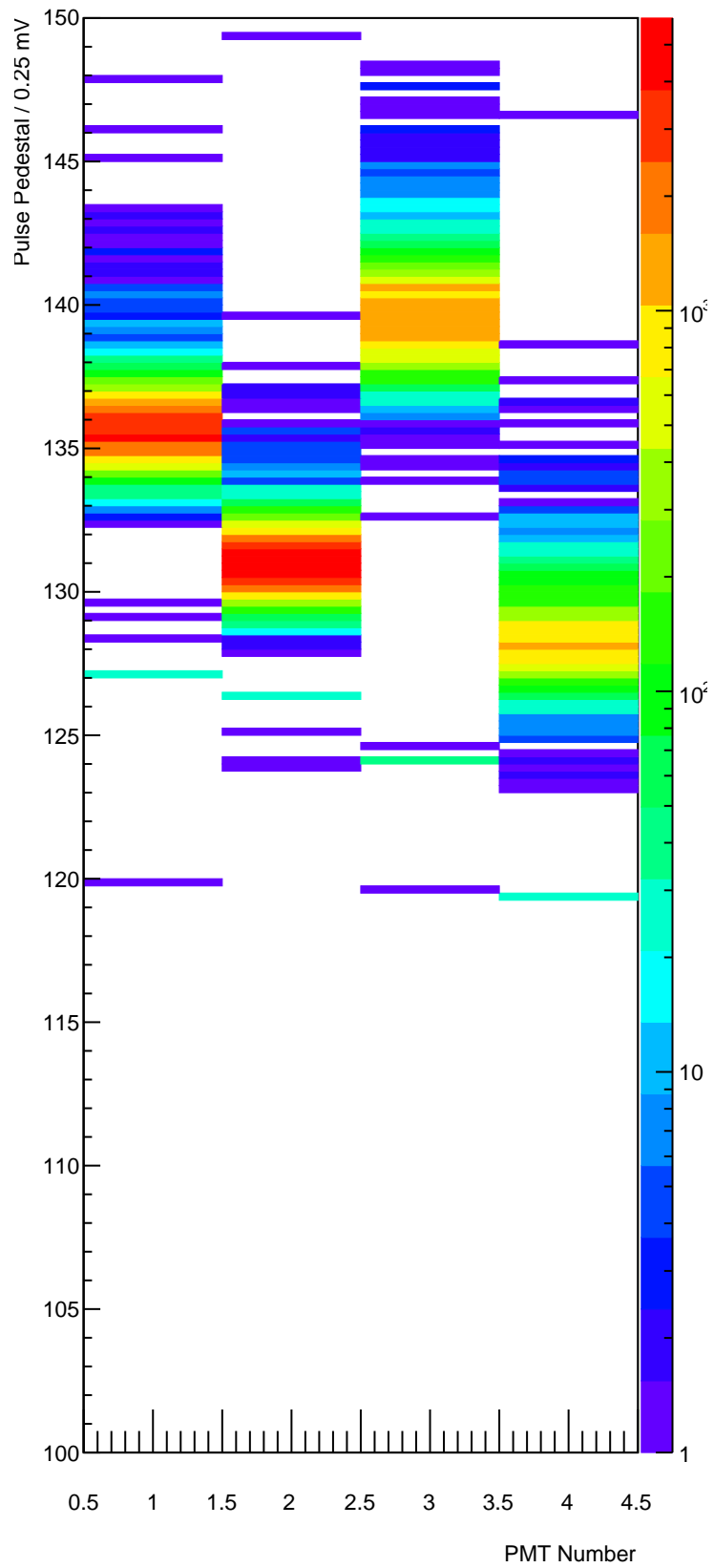


## SHMS Heavy Gas Cherenkov Good Multiplicity

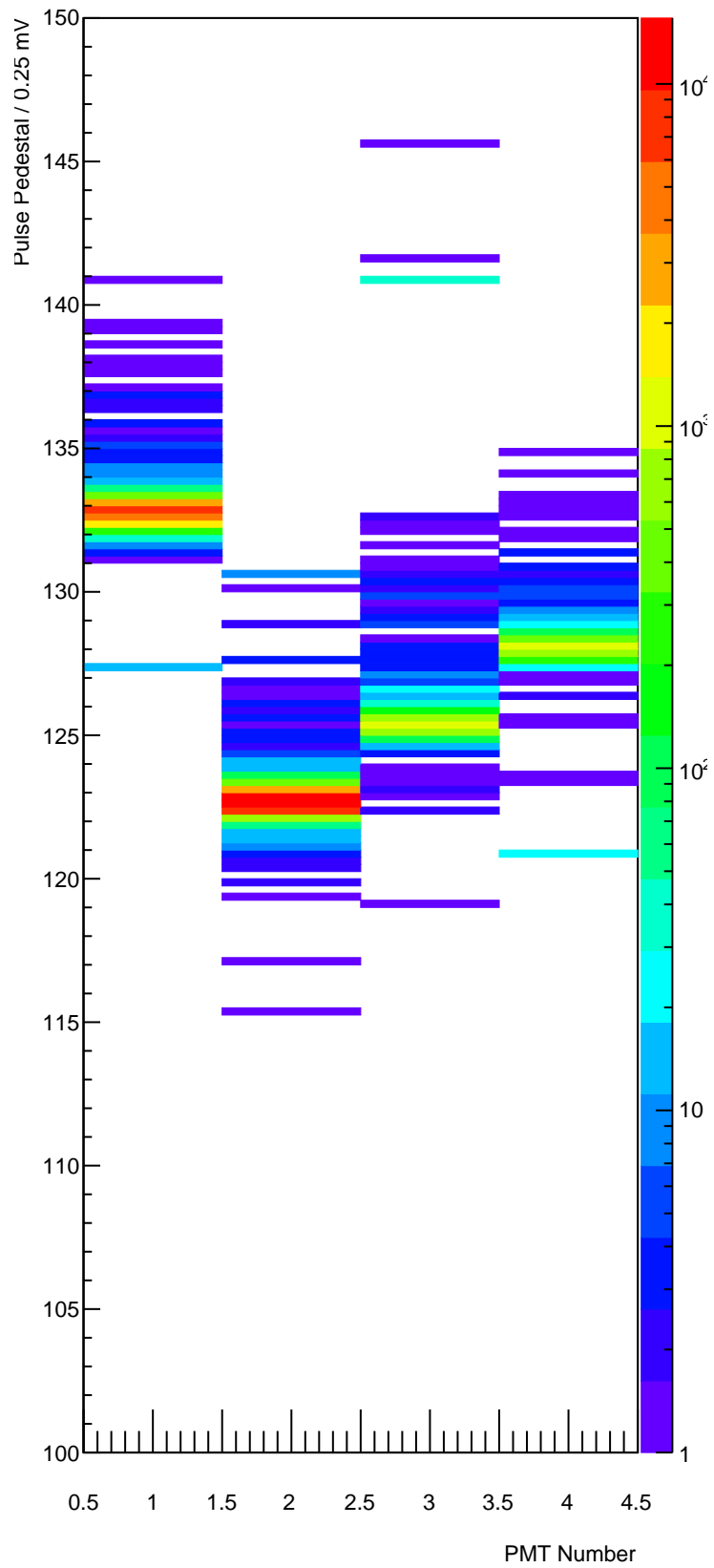


# Summary Plots(Run #20770): SHMS Cherenkov Pedestals

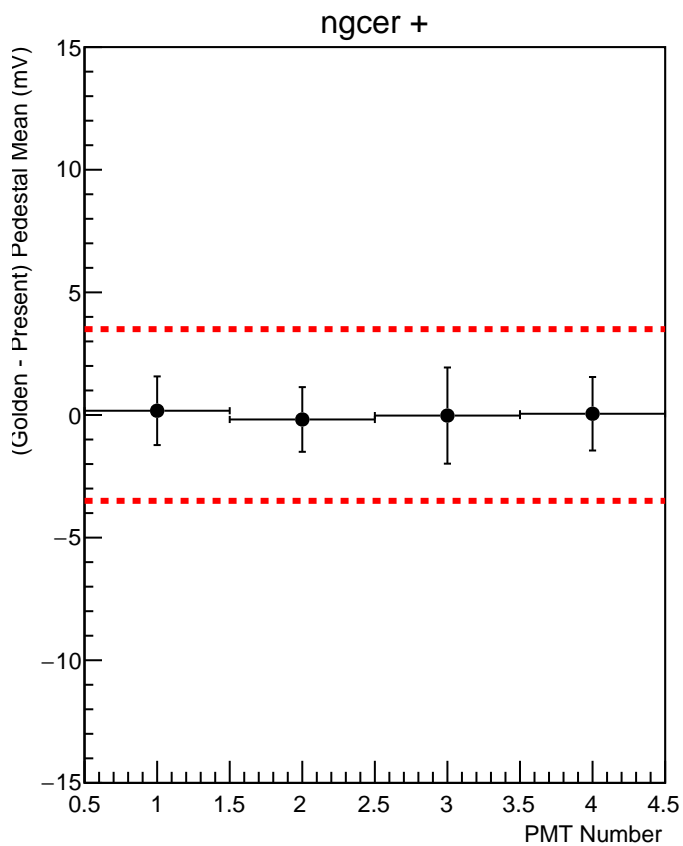
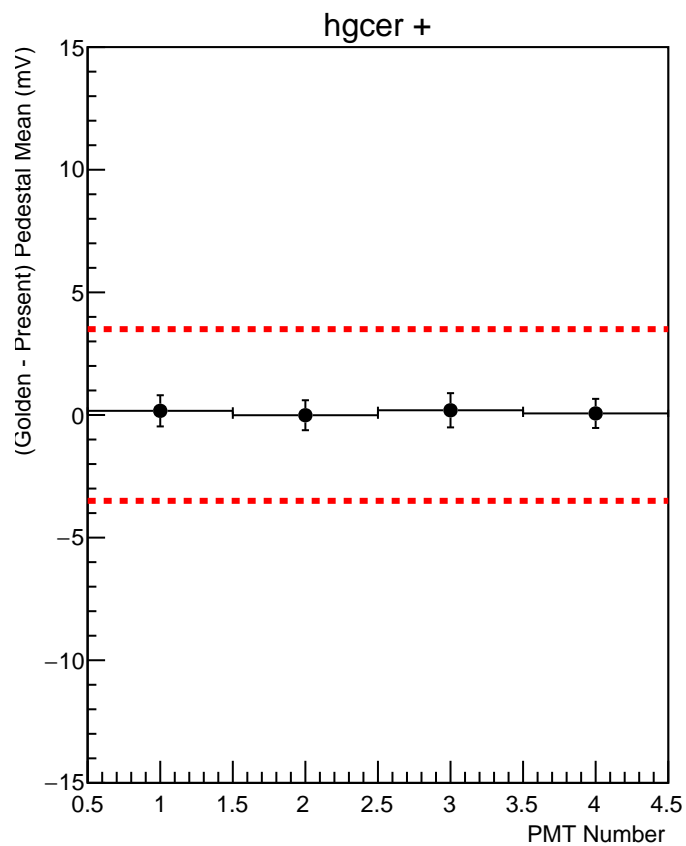
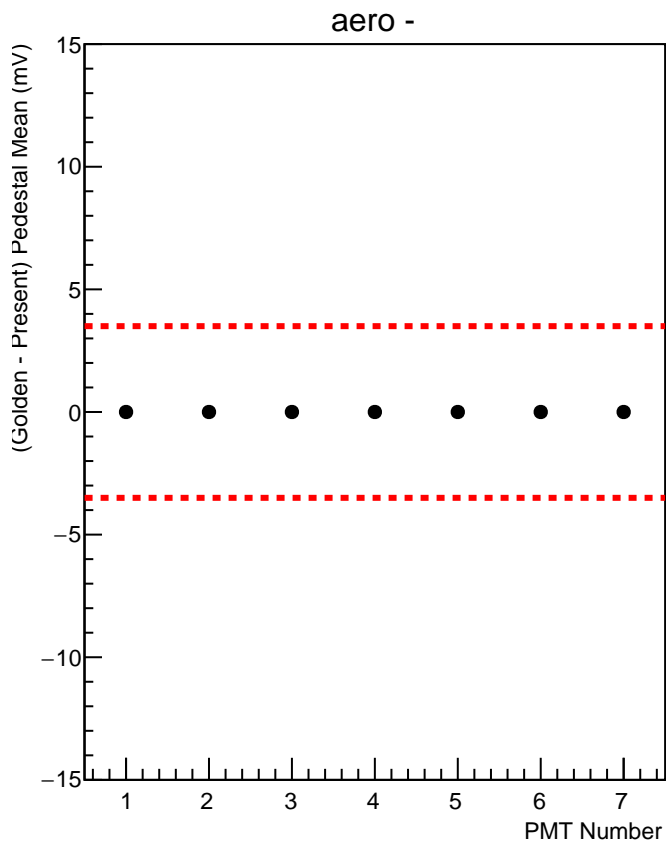
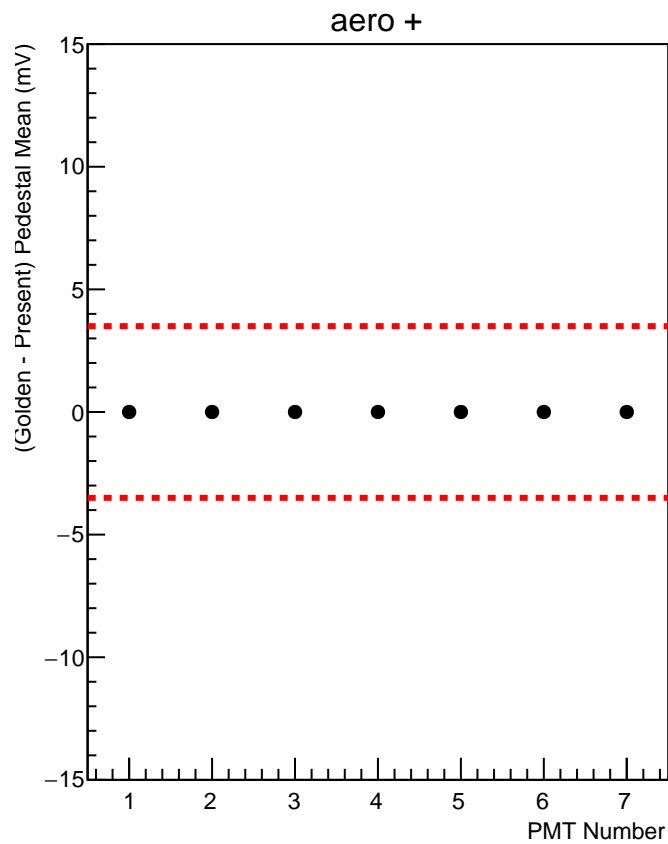
SHMS Noble Gas Cherenkov Good Pulse Pedestal vs. PMT Number



SHMS Heavy Gas Cherenkov Good Pulse Pedestal vs. PMT Number

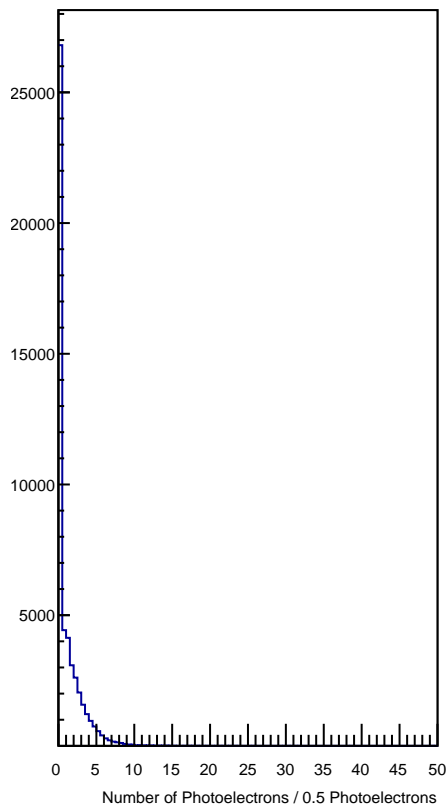


# Summary Plots(Run #20770): SHMS Cherenkov Pedestal Monitoring

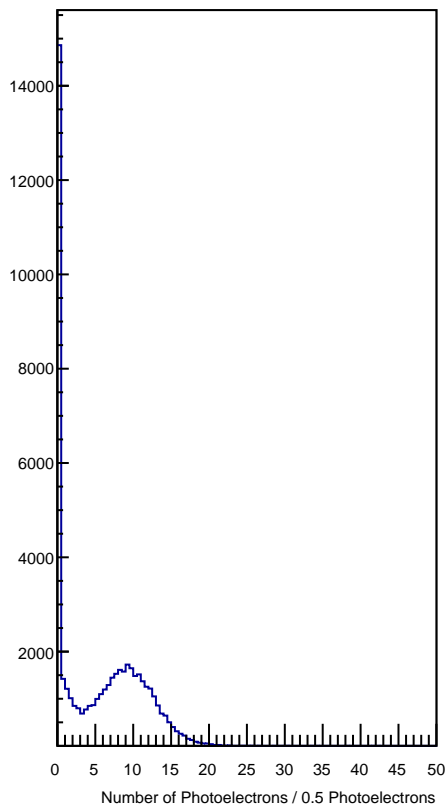


# Summary Plots(Run #20770): SHMS Noble Gas Cherenkov NPE

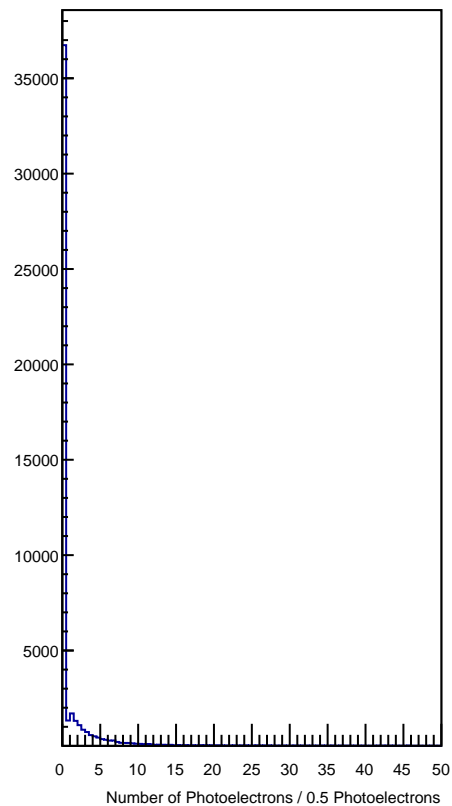
SHMS Noble Gas Cherenkov Number of Photoelectrons PMT1



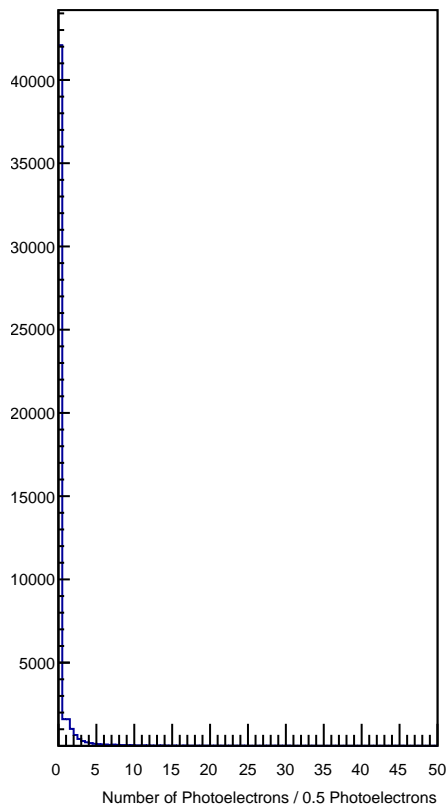
SHMS Noble Gas Cherenkov Number of Photoelectrons PMT2



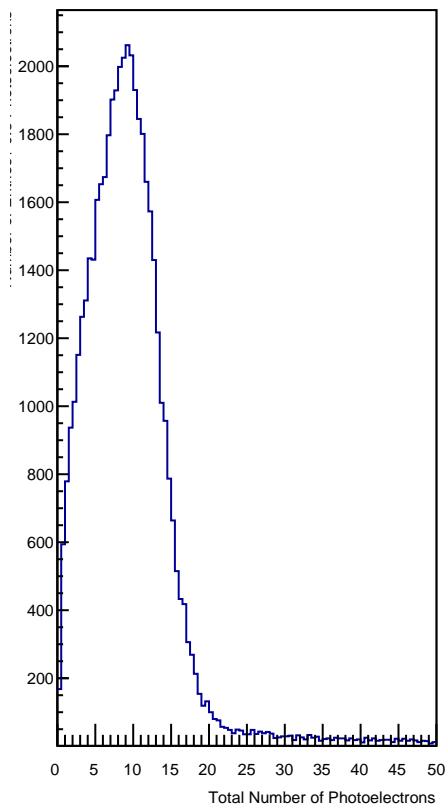
SHMS Noble Gas Cherenkov Number of Photoelectrons PMT3



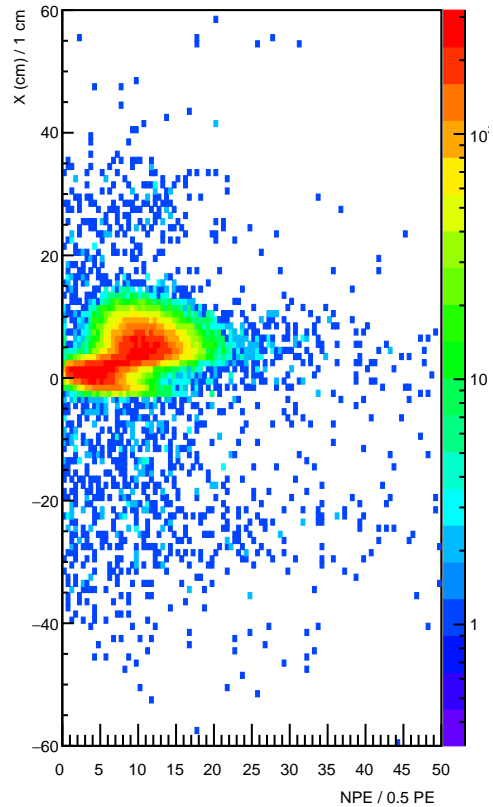
SHMS Noble Gas Cherenkov Number of Photoelectrons PMT4



SHMS Noble Gas Cherenkov Total Number of Photoelectrons

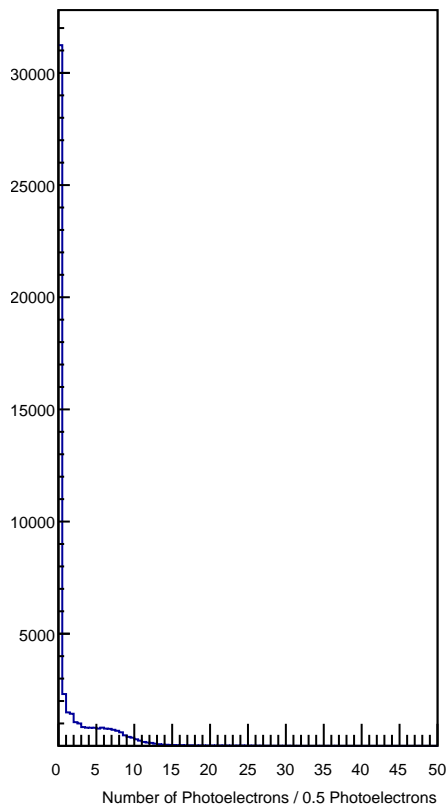


SHMS Noble Gas Cherenkov X vs NPE

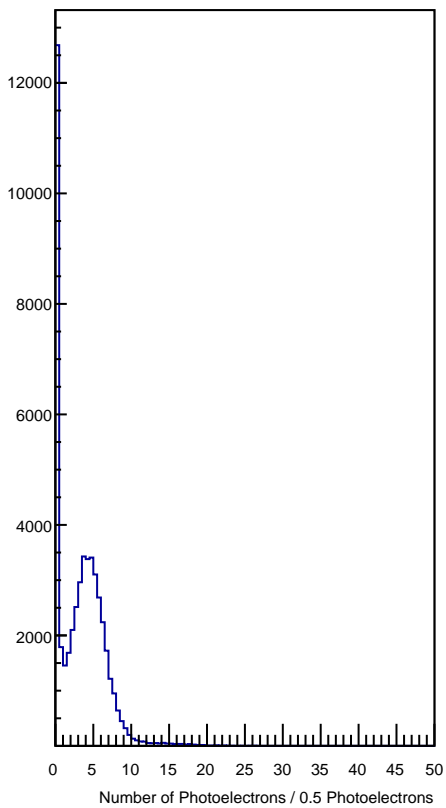


# Summary Plots(Run #20770): SHMS Heavy Gas Cherenkov NPE

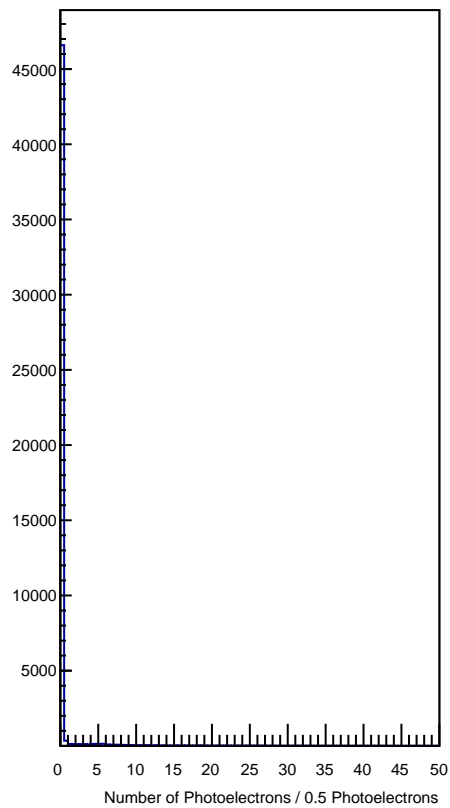
SHMS Heavy Gas Cherenkov Number of Photoelectrons PMT1



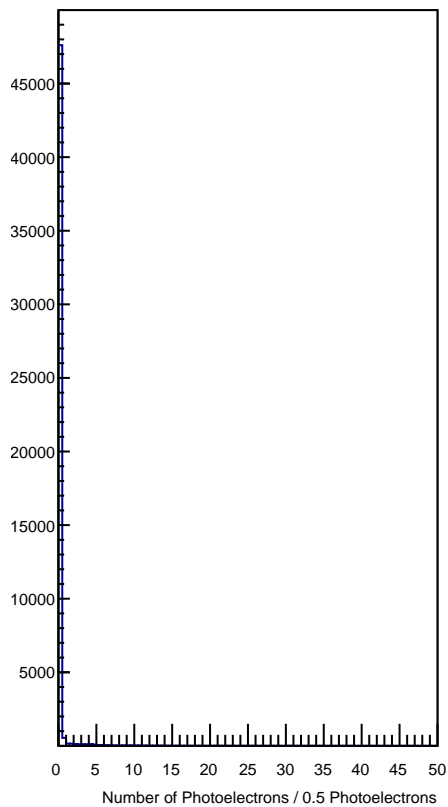
SHMS Heavy Gas Cherenkov Number of Photoelectrons PMT2



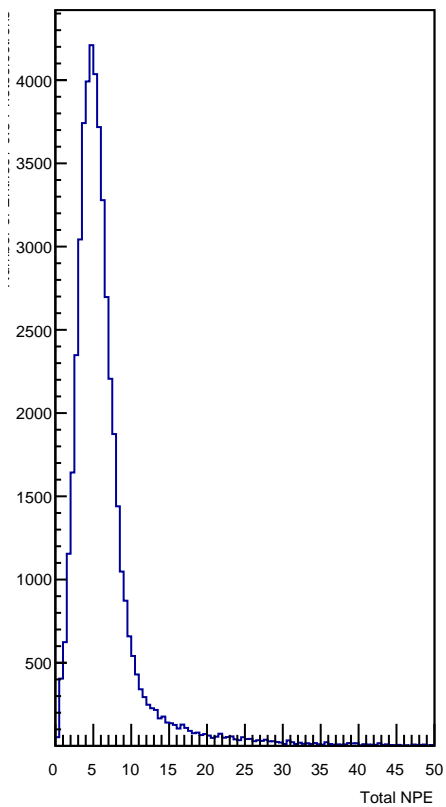
SHMS Heavy Gas Cherenkov Number of Photoelectrons PMT3



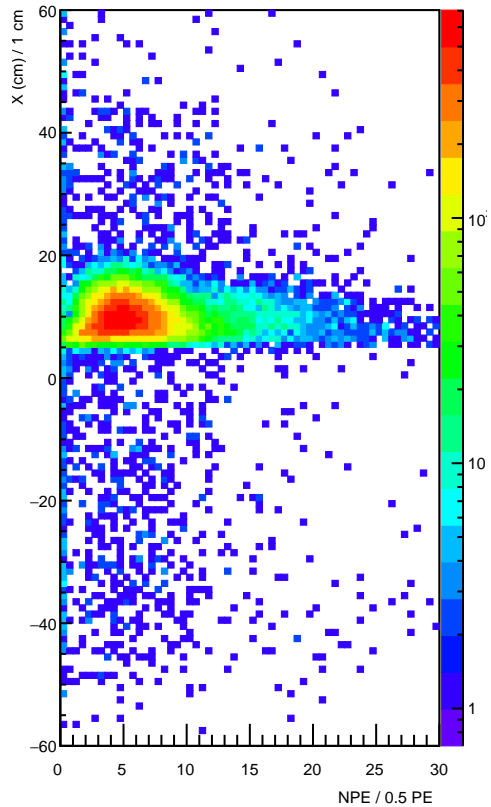
SHMS Heavy Gas Cherenkov Number of Photoelectrons PMT4



SHMS Heavy Gas Cherenkov Total NPE

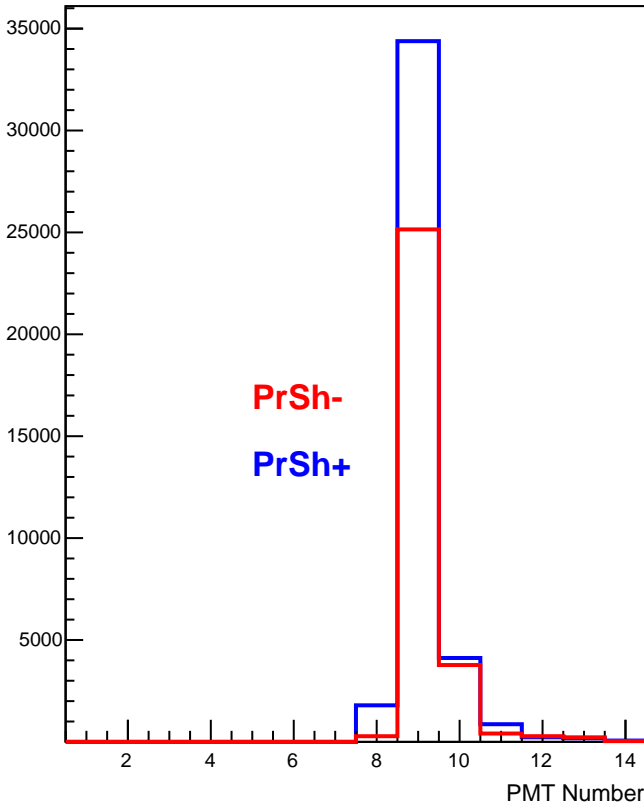


SHMS Heavy Gas Cherenkov X vs NPE

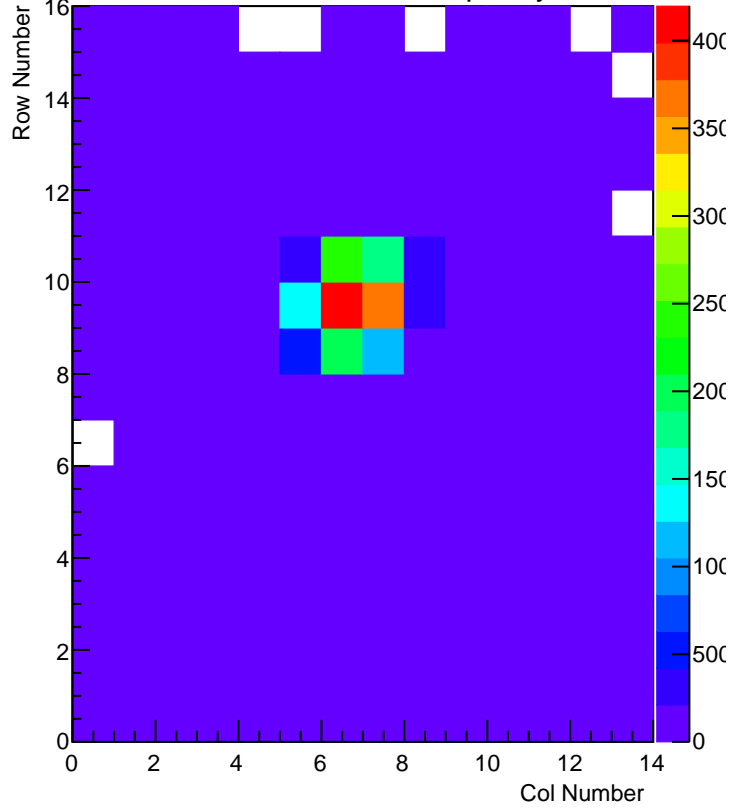


# Summary Plots(Run #20770): SHMS Calorimeter Occ/Mult

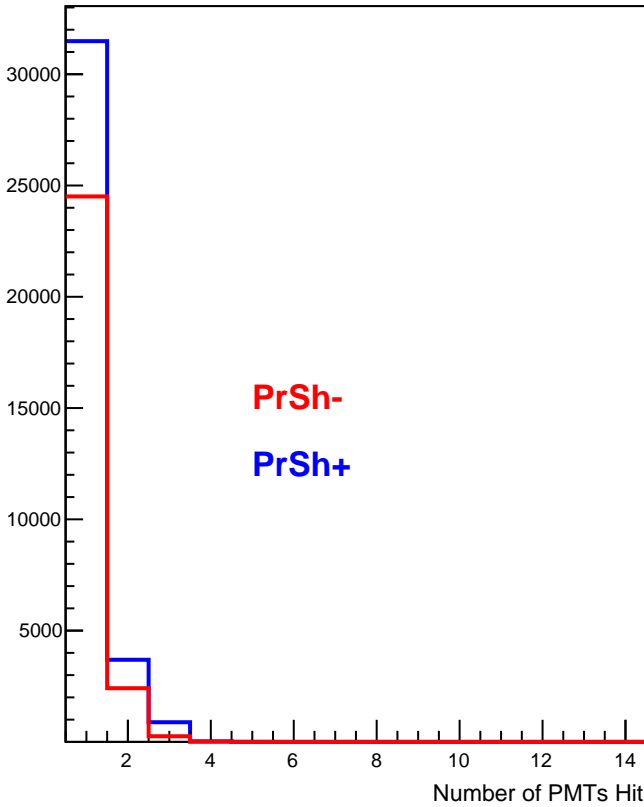
## SHMS PreShower Good Occupancy



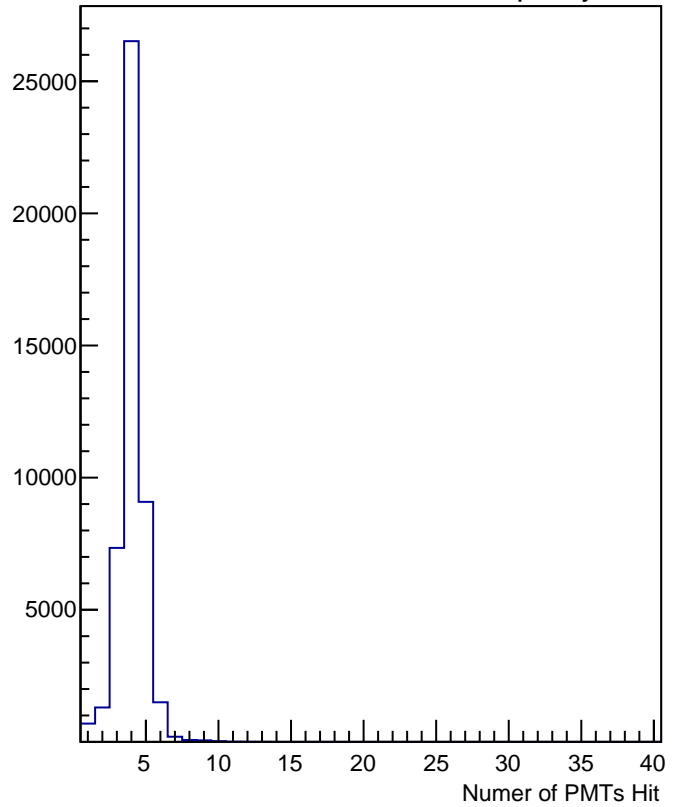
## SHMS Shower Occupancy



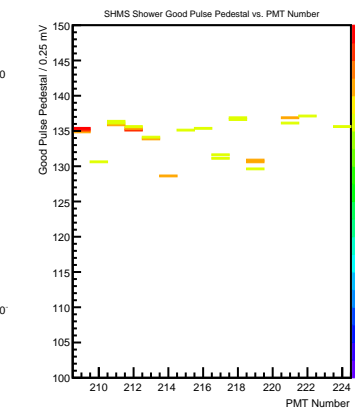
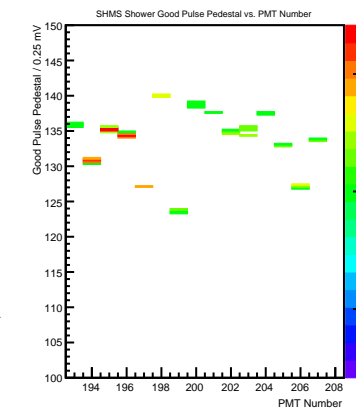
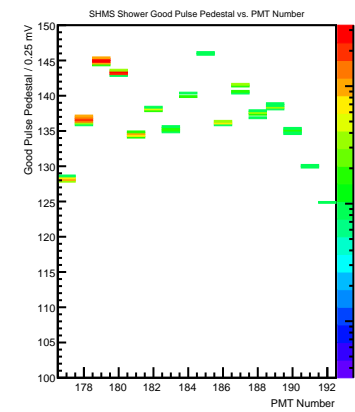
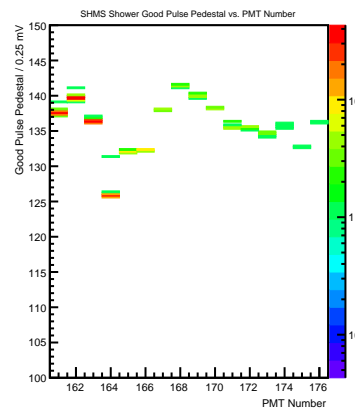
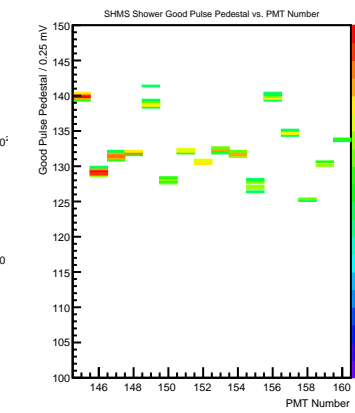
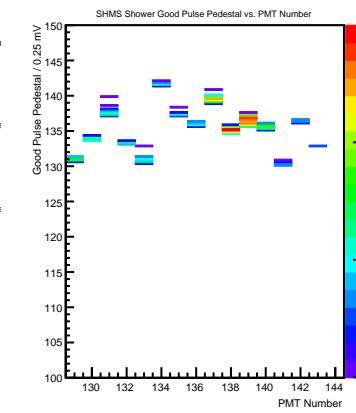
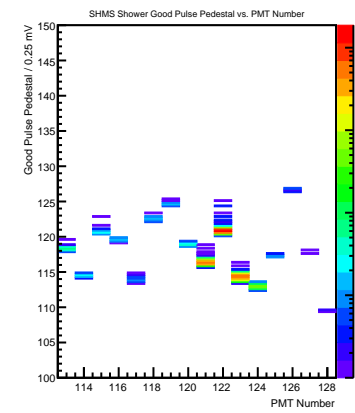
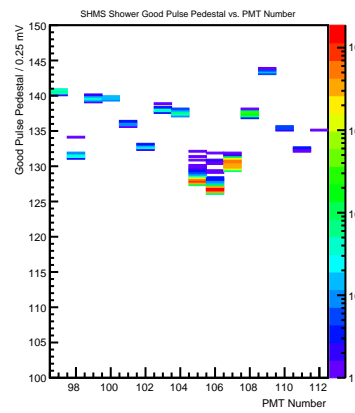
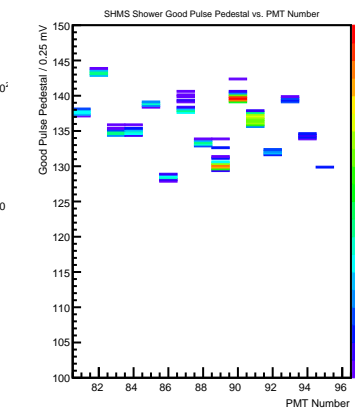
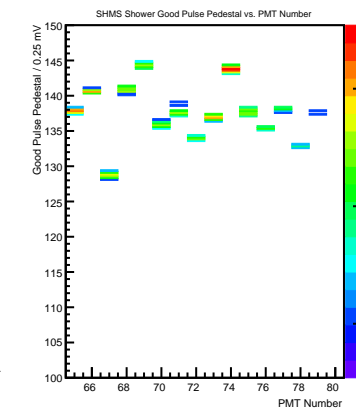
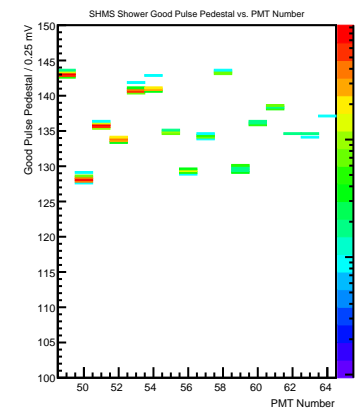
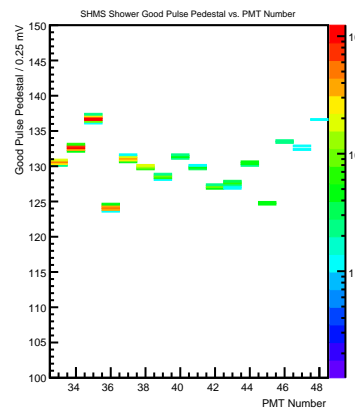
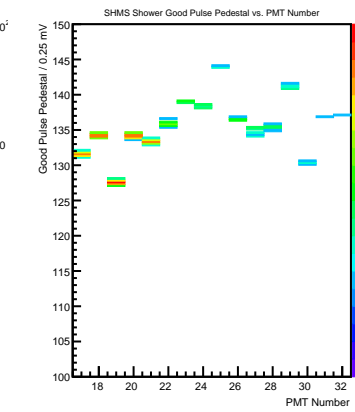
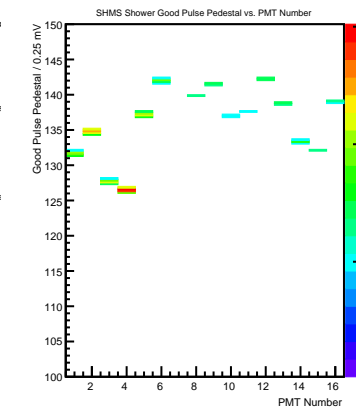
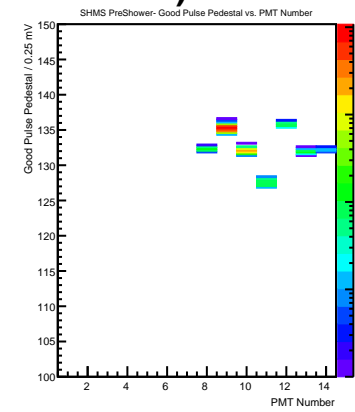
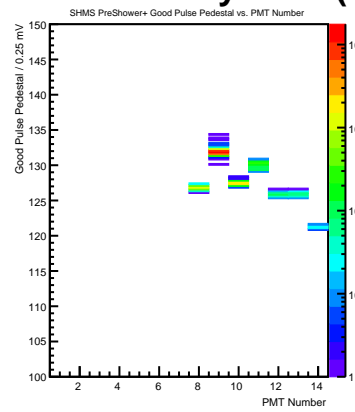
## SHMS PreShower Good Multiplicity



## SHMS Shower Good Multiplicity



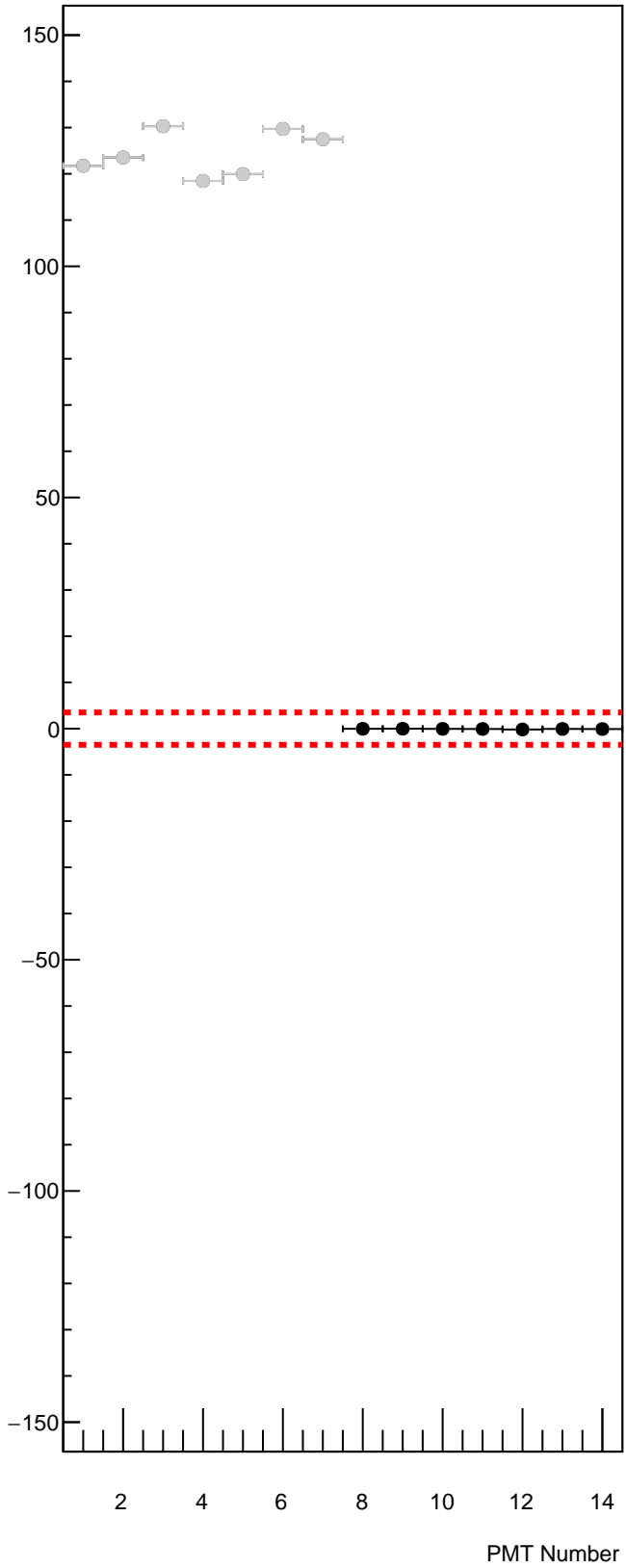
# Summary Plots(Run #20770): SHMS Calorimeter Pedestals



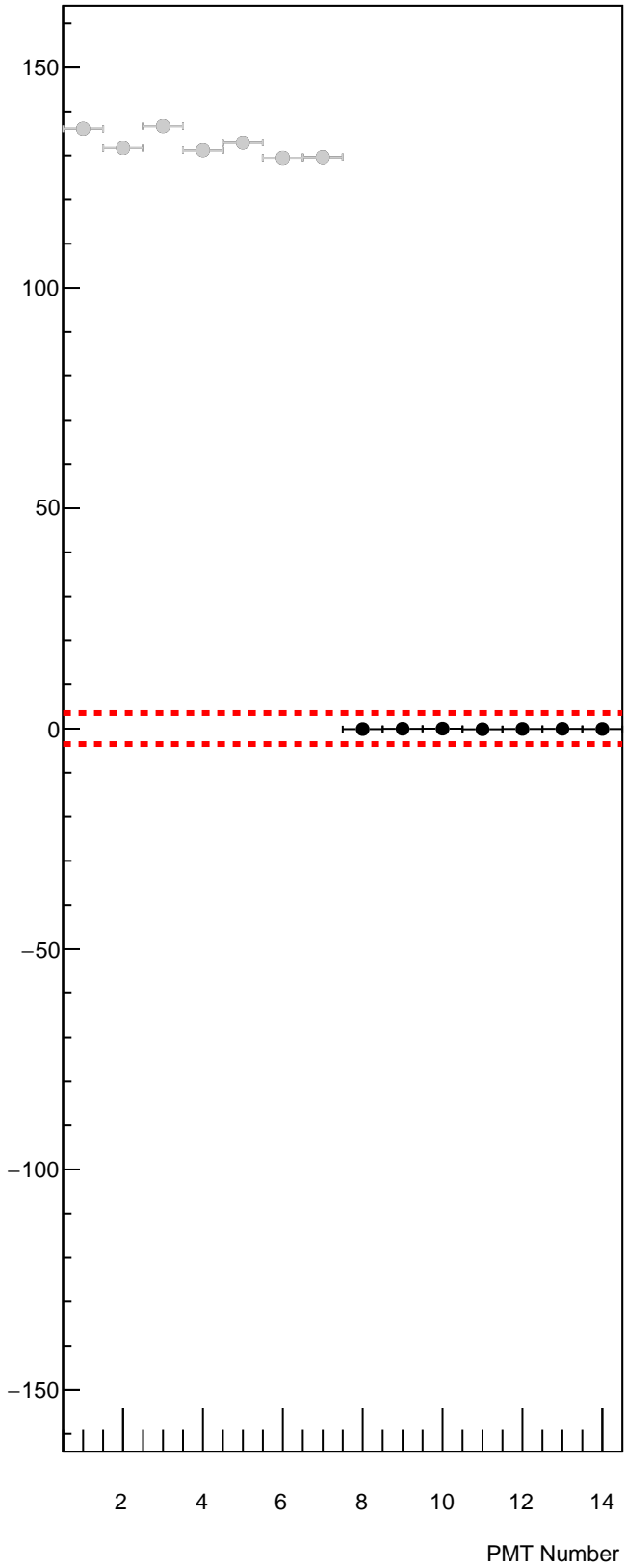


# Summary Plots(Run #20770): SHMS Pre-Shower Pedestal Monitoring

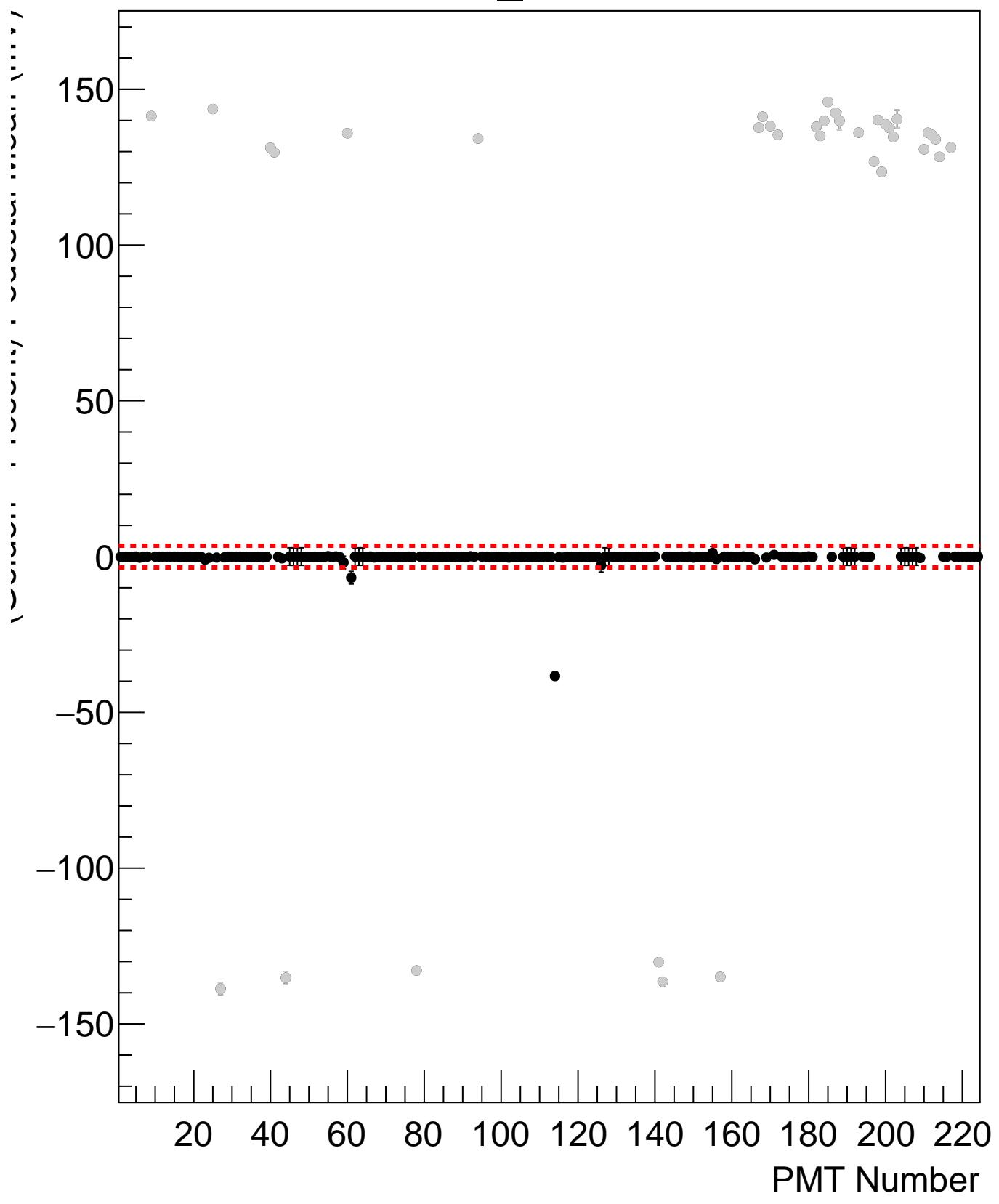
## cal\_prshwr +



## cal\_prshwr -

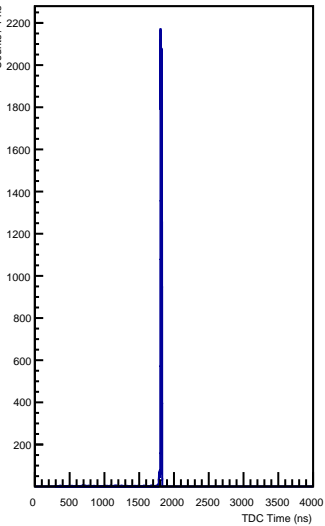


cal\_shwr +

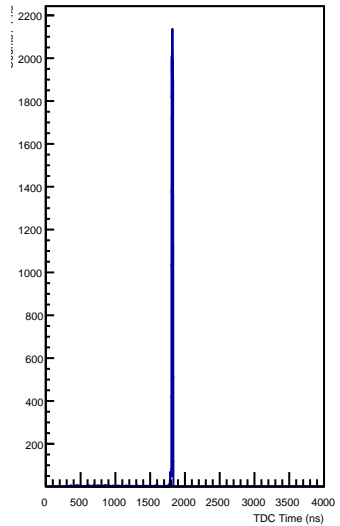


# Summary Plots(Run #20770): SHMS Drift Chamber Reference Times

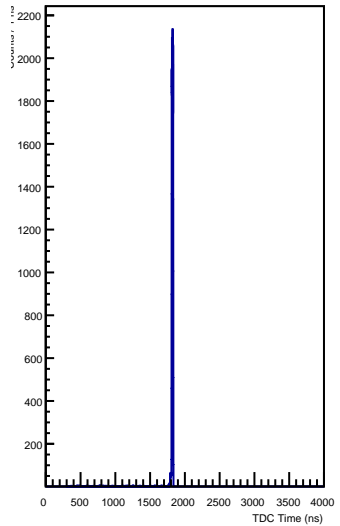
SHMS PDC Reference Time 1



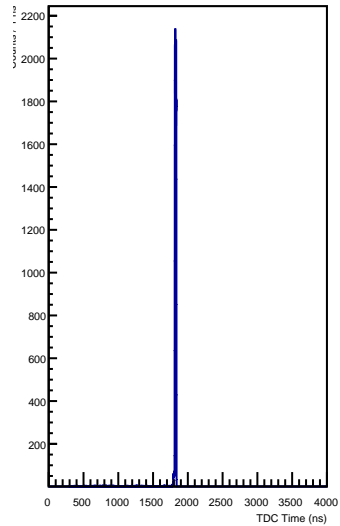
SHMS PDC Reference Time 2



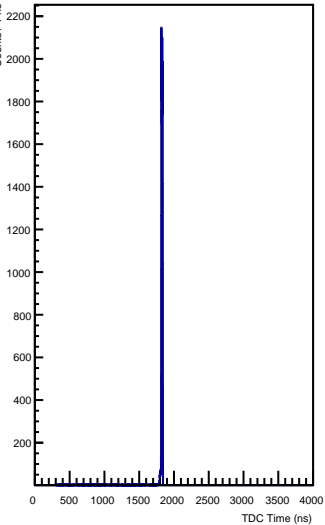
SHMS PDC Reference Time 3



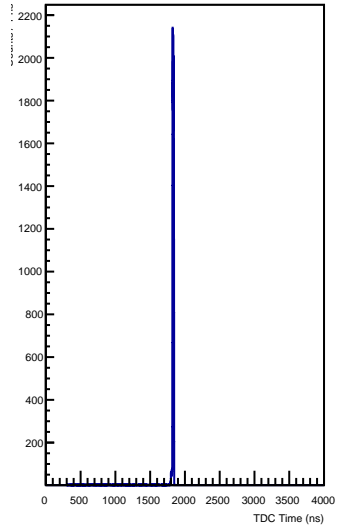
SHMS PDC Reference Time 4



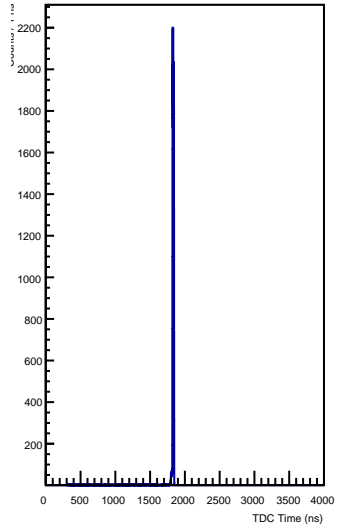
SHMS PDC Reference Time 5



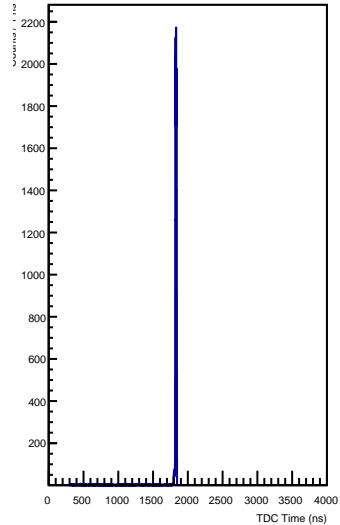
SHMS PDC Reference Time 6



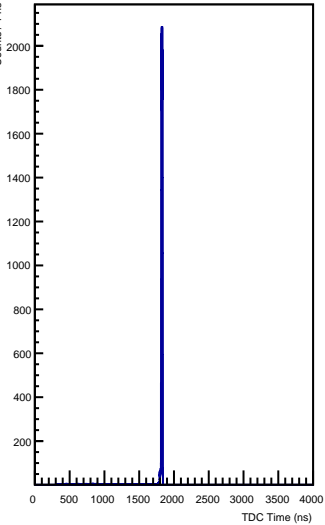
SHMS PDC Reference Time 7



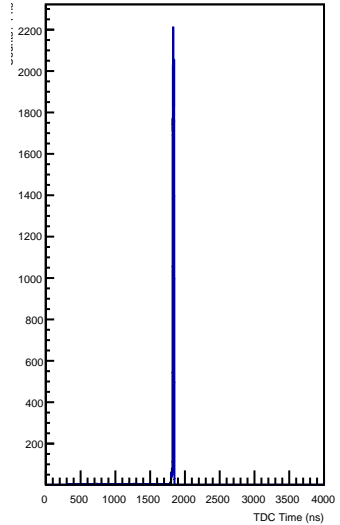
SHMS PDC Reference Time 8



SHMS PDC Reference Time 9

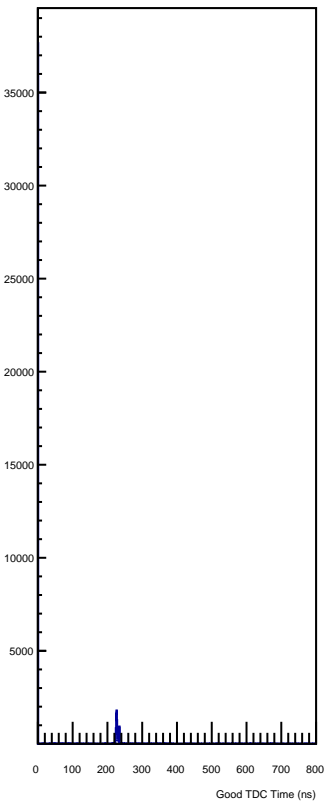


SHMS PDC Reference Time 10

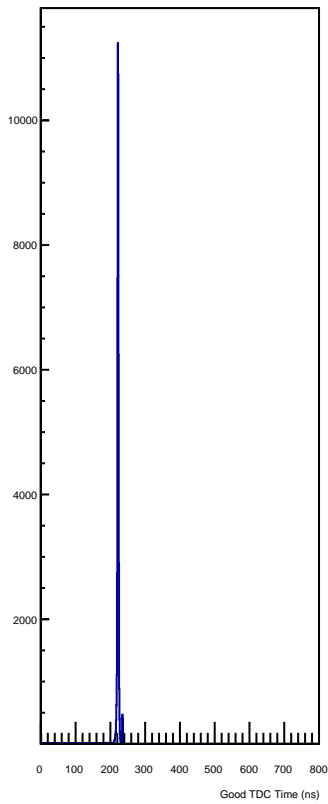


# Summary Plots(Run #20770): SHMS Trigger Reference Times

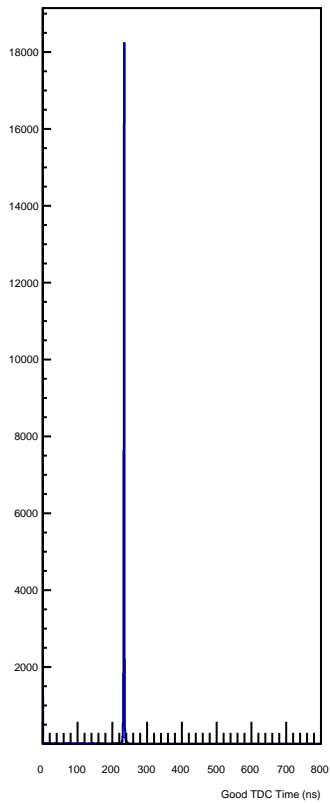
SHMS p1x Good TDC Time



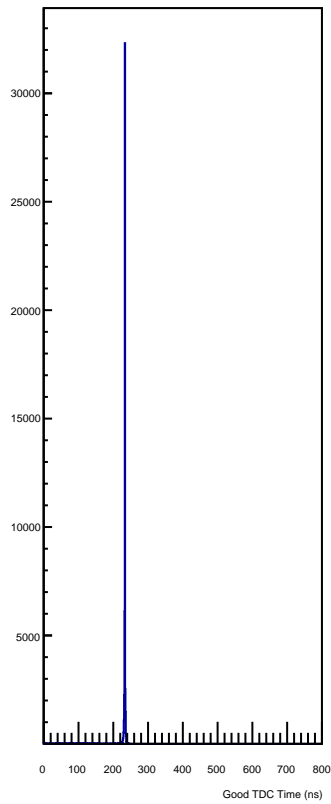
SHMS p1y Good TDC Time



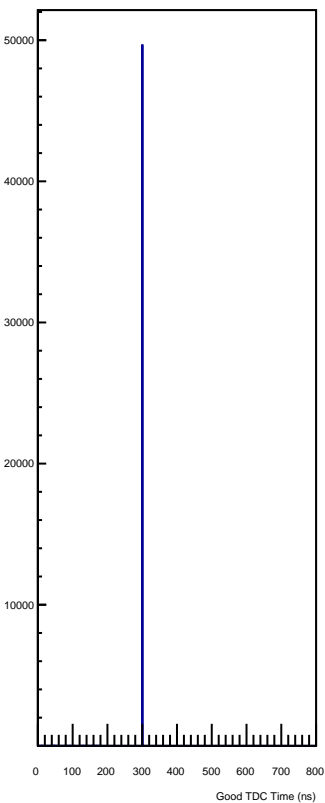
SHMS p2x Good TDC Time



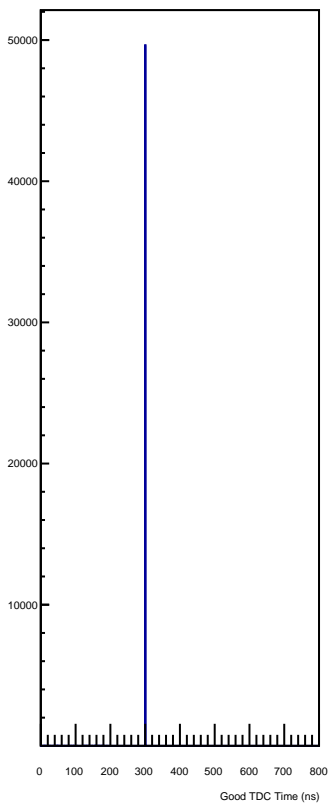
SHMS p2y Good TDC Time



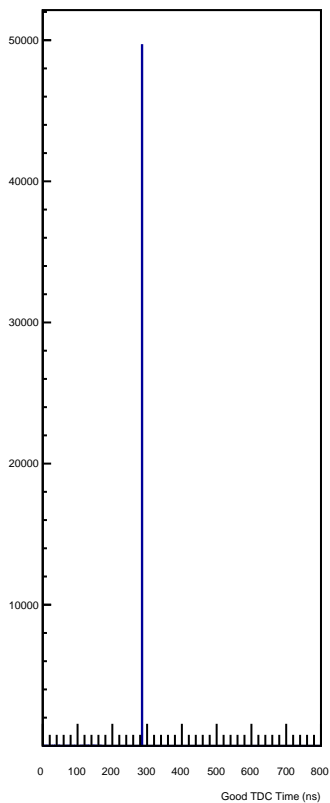
SHMS pT1 Good TDC Time (Slot 20, Channel 15)



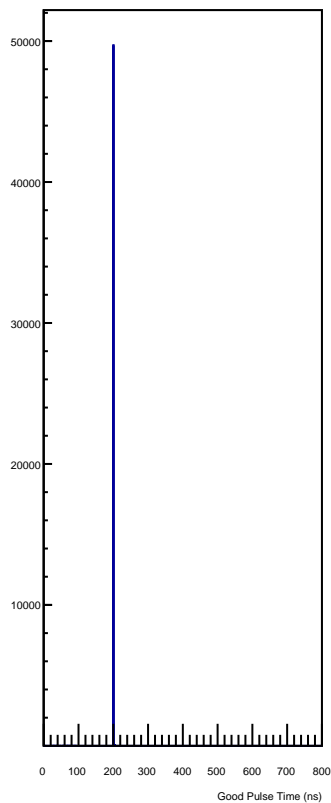
SHMS pT2 Good TDC Time (Slot 19, Channel 31)



SHMS pT3 Good TDC Time (Slot 19, Channel 38)

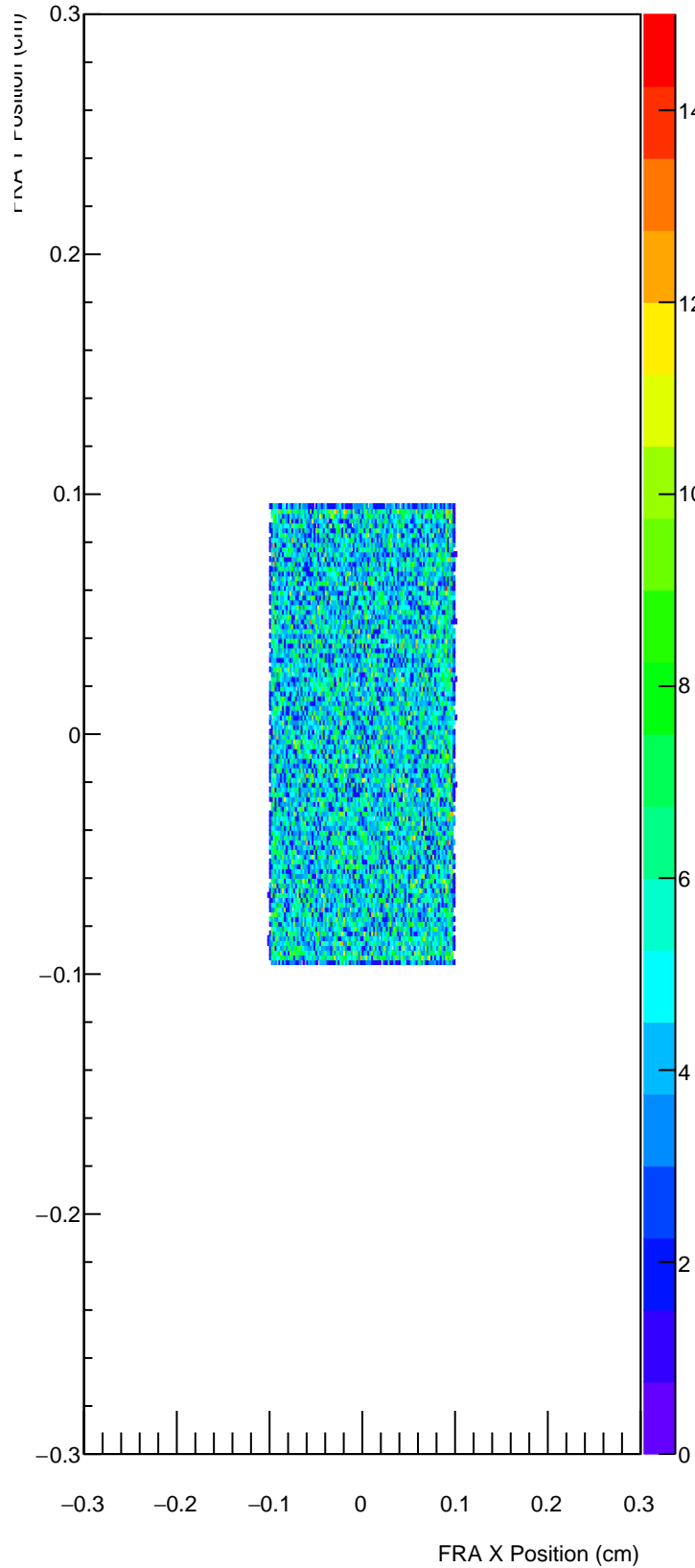


SHMS pFADC\_TREF\_ROC2 Good Pulse Time

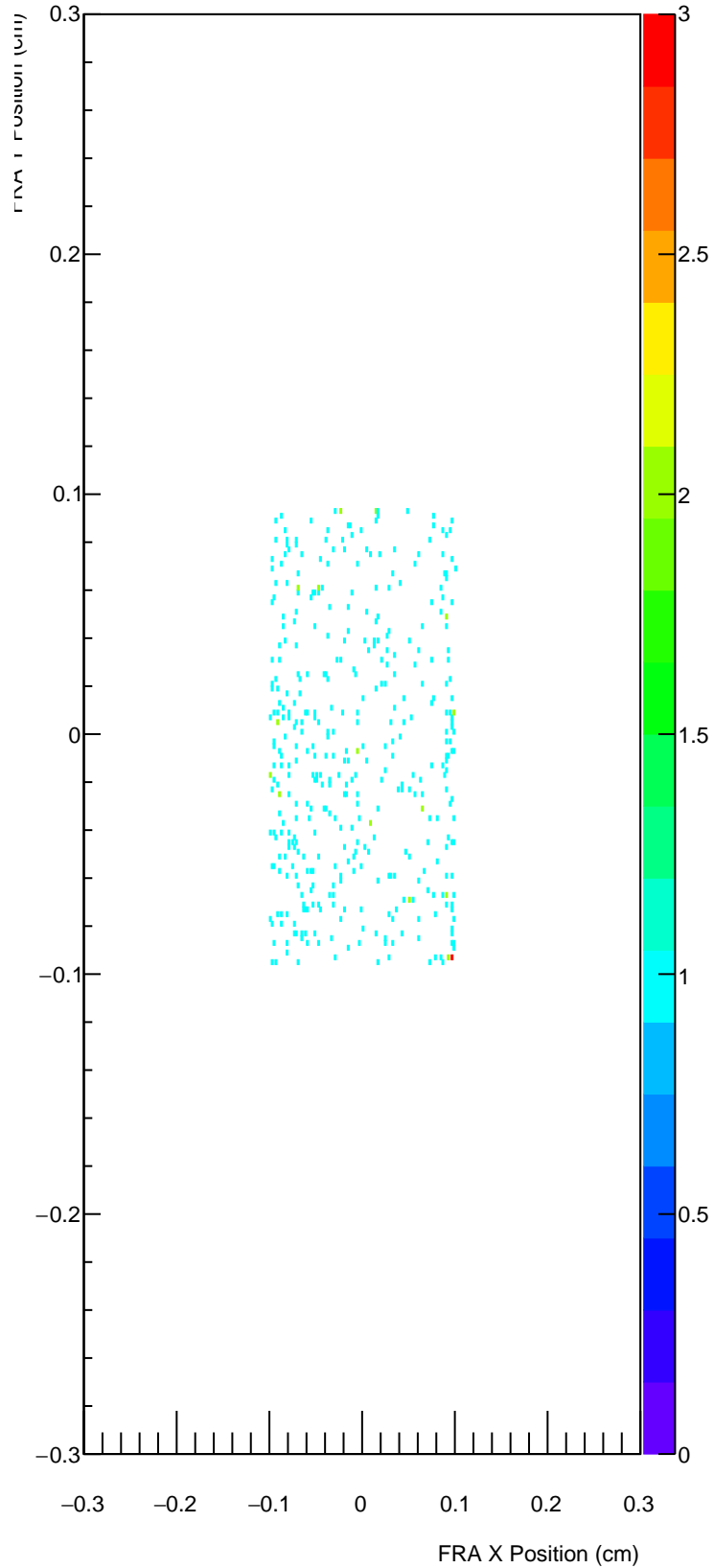


# Summary Plots(Run #20770): SHMS Fast Raster A Position (Foil Cuts)

## SHMS FRA X vs Y (Upstream Foil Cut)

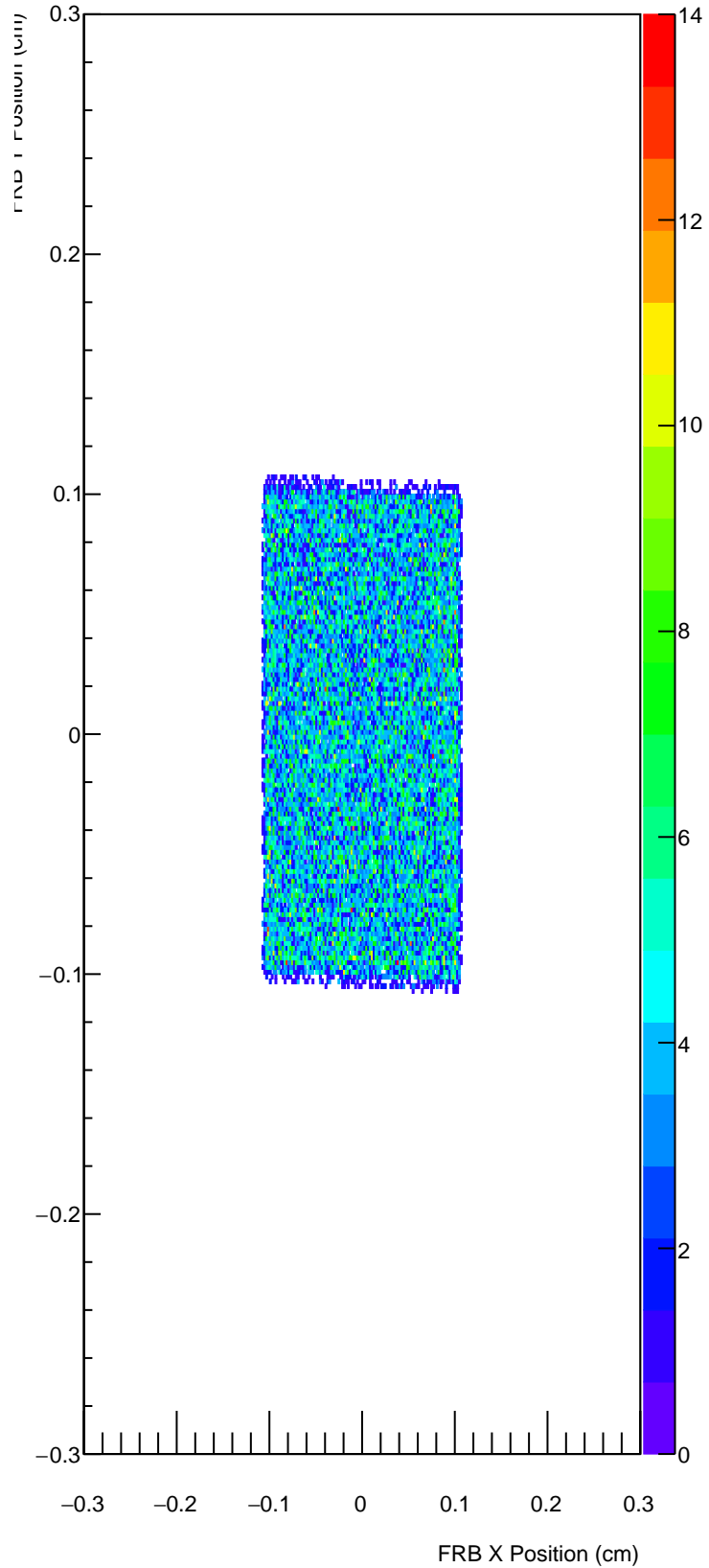


## SHMS FRA X vs Y (Downstream Foil Cut)

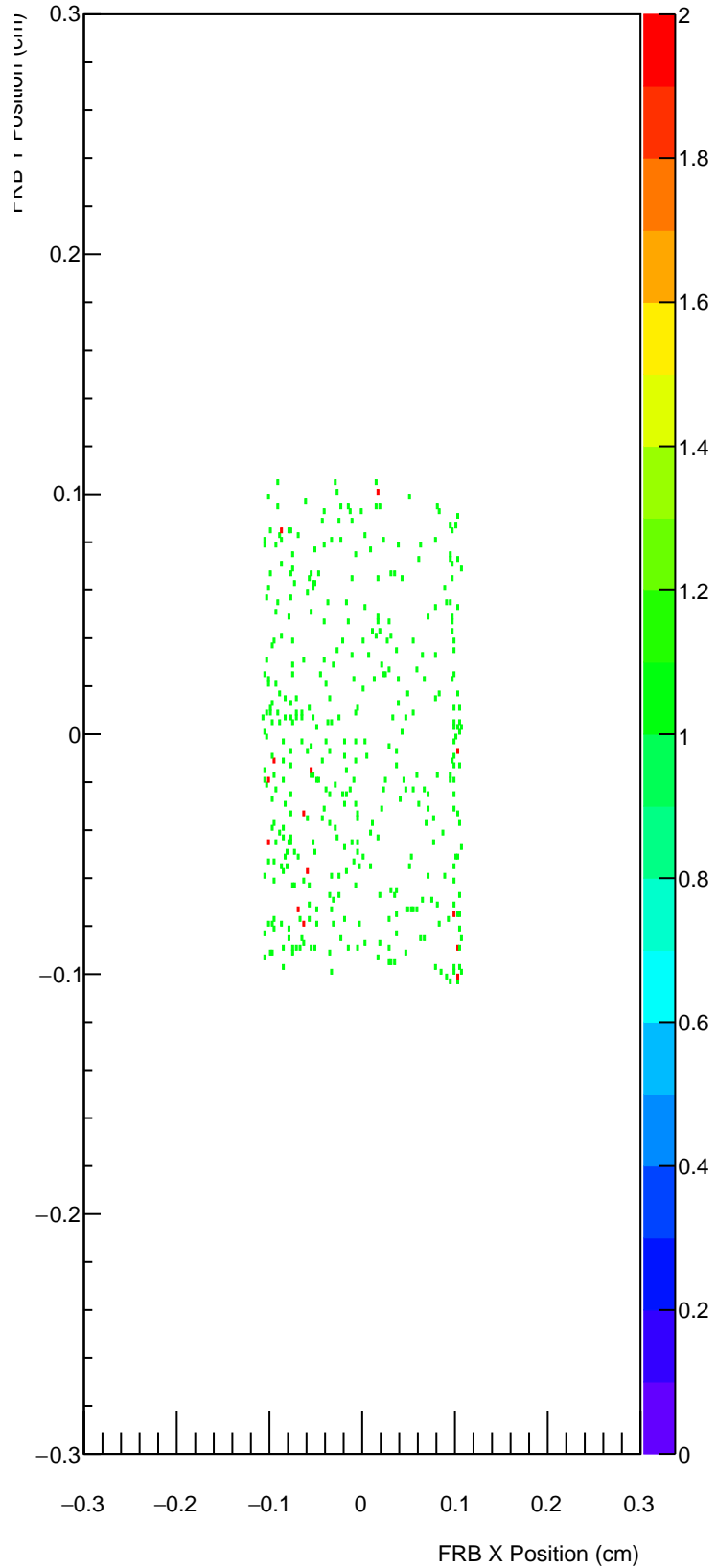


# Summary Plots(Run #20770): SHMS Fast Raster B Position (Foil Cuts)

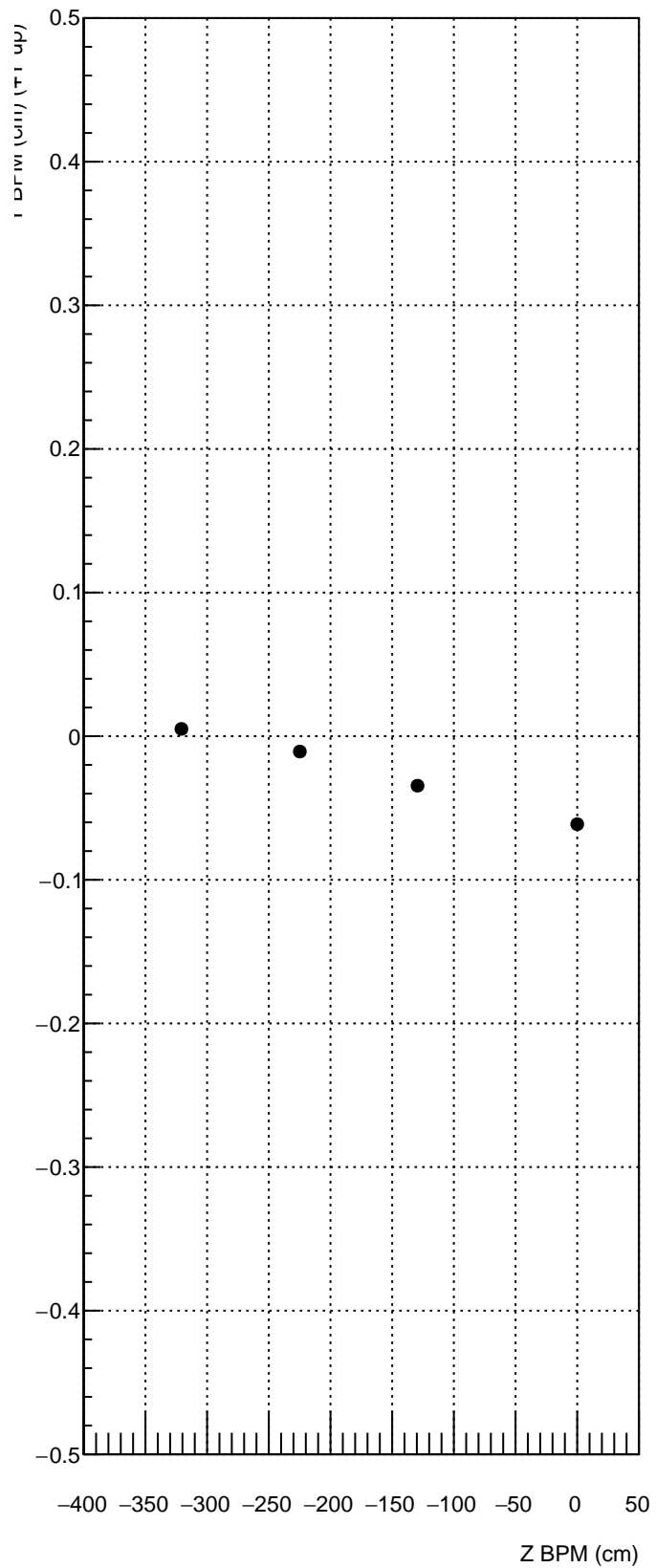
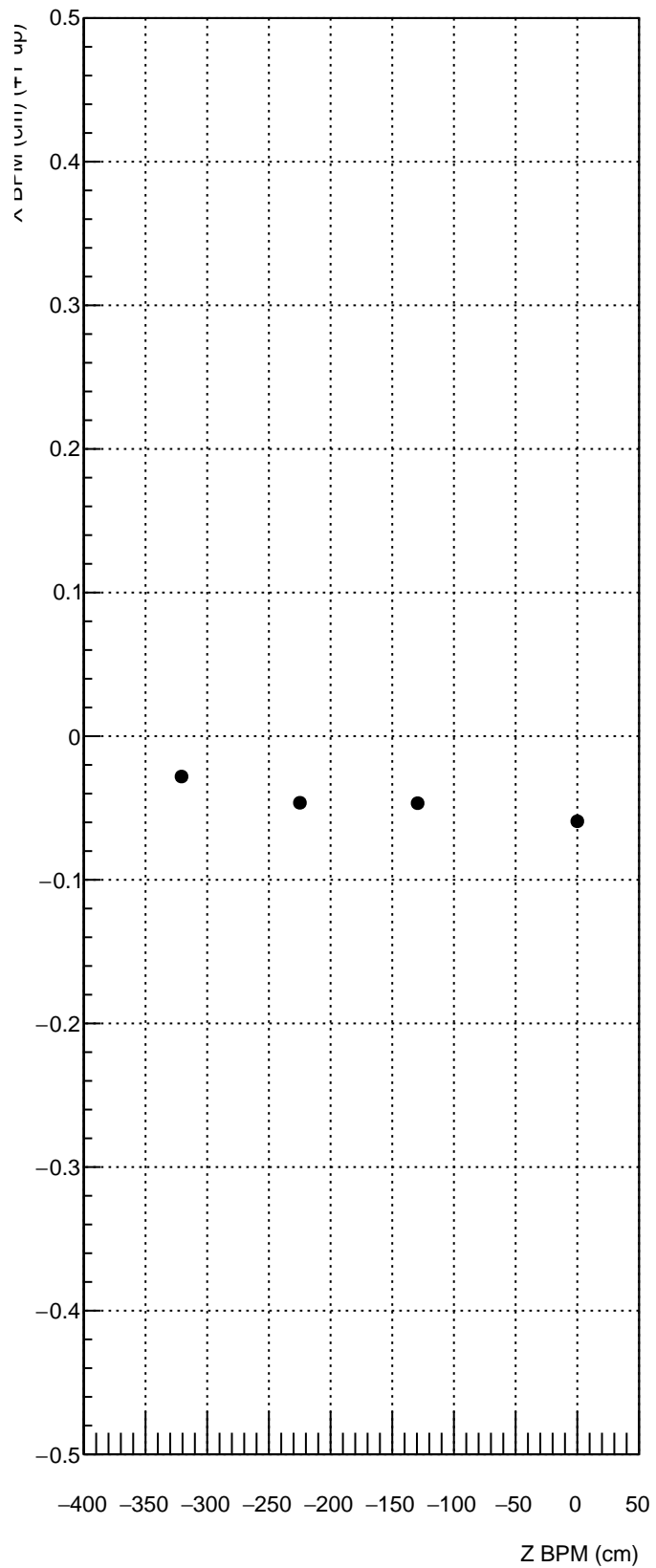
## SHMS FRB X vs Y (Upstream Foil Cut)



## SHMS FRB X vs Y (Downstream Foil Cut)

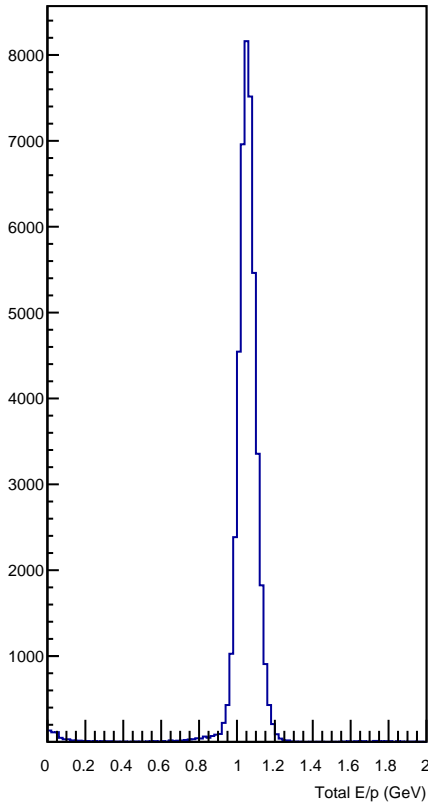


# Summary Plots(Run #20770): SHMS EPICS BPM

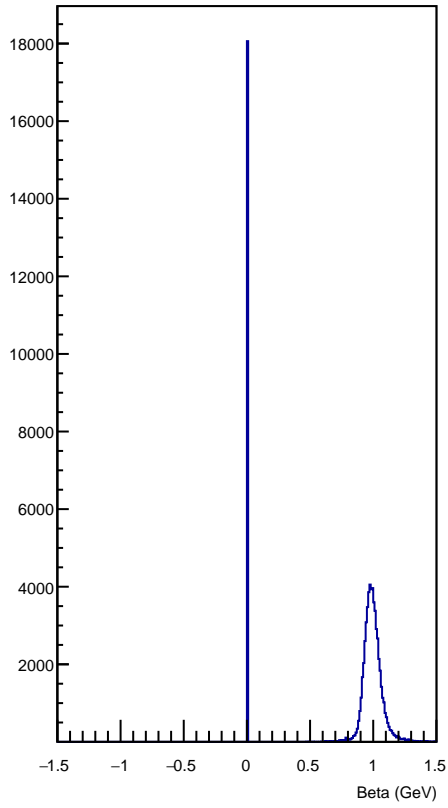


# Summary Plots(Run #20770): SHMS PID

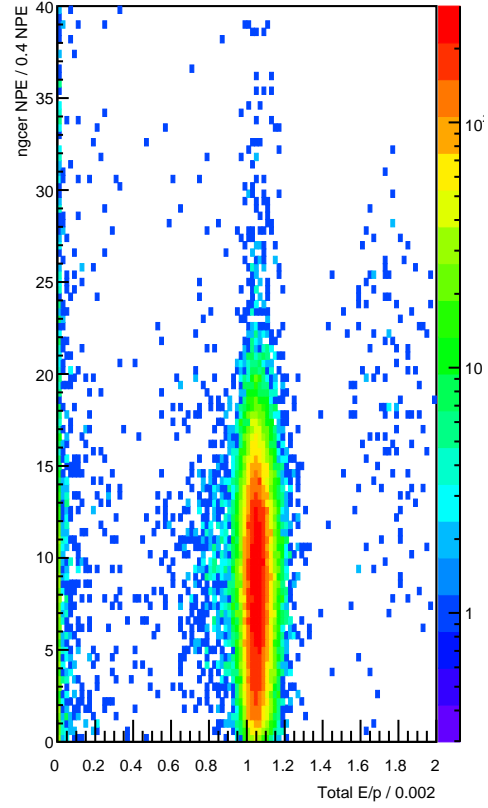
### SHMS Calorimeter Total E/p



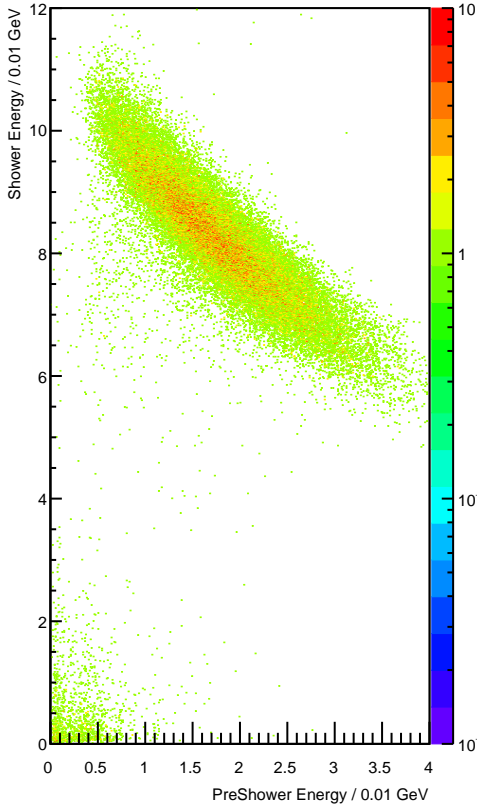
### SHMS DC Track Beta



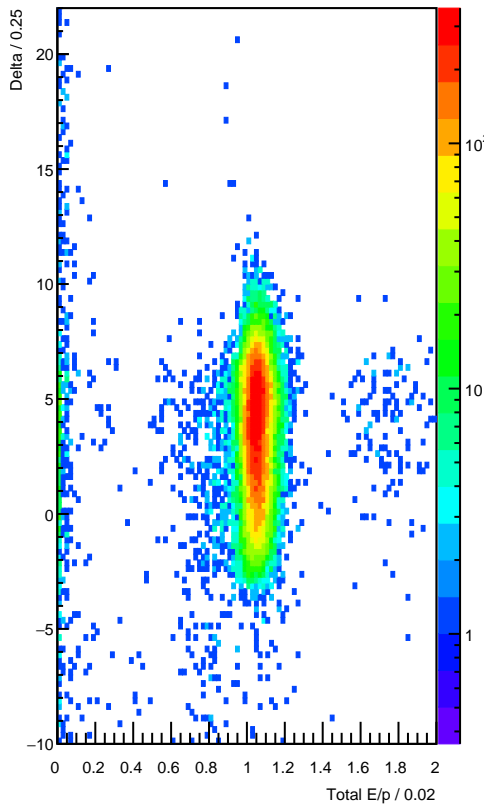
### SHMS NG Cer Npe vs. Total Cal E/p



### SHMS Shower vs. PreShower Energy Deposition



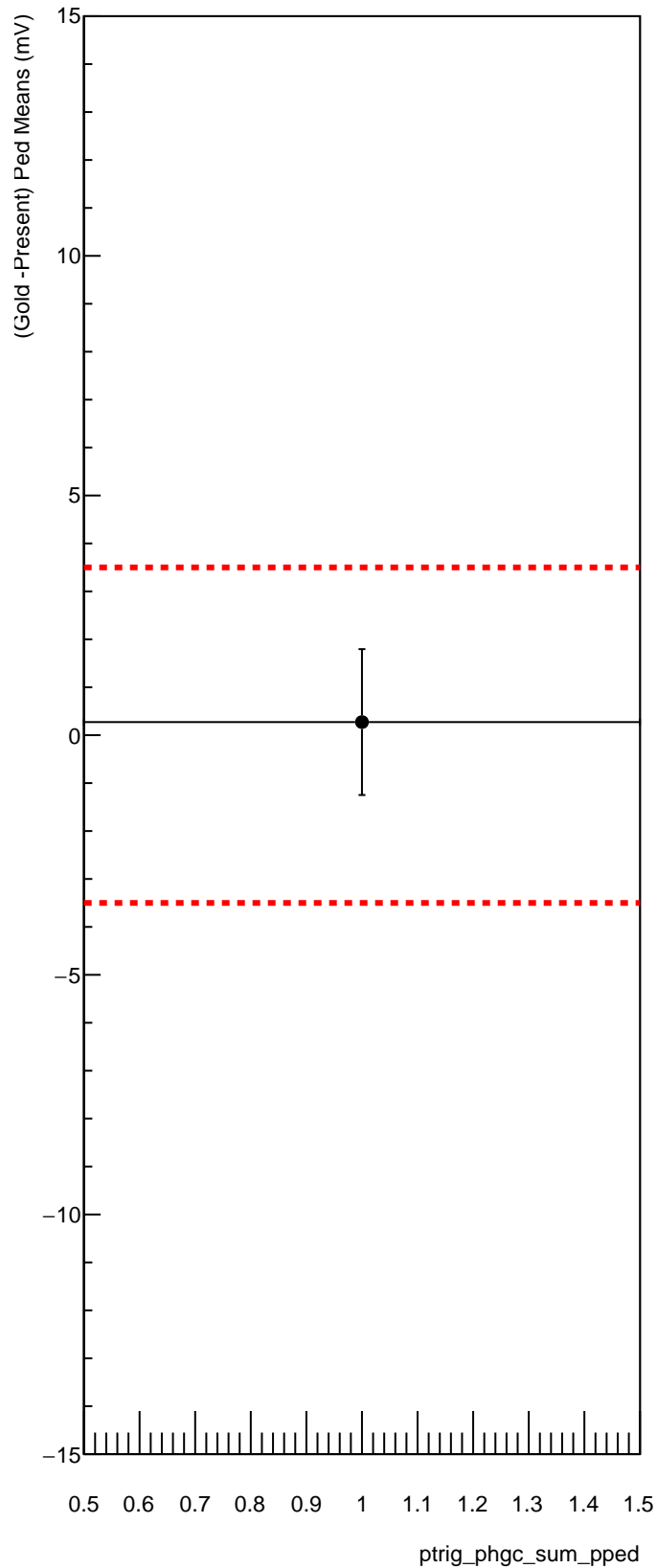
### SHMS Delta vs. Total E/p





# Summary Plots(Run #20770): SHMS Trigger Pedestal Tracking

## hgc Trigger Leg



## rshwr Trigger Leg

