

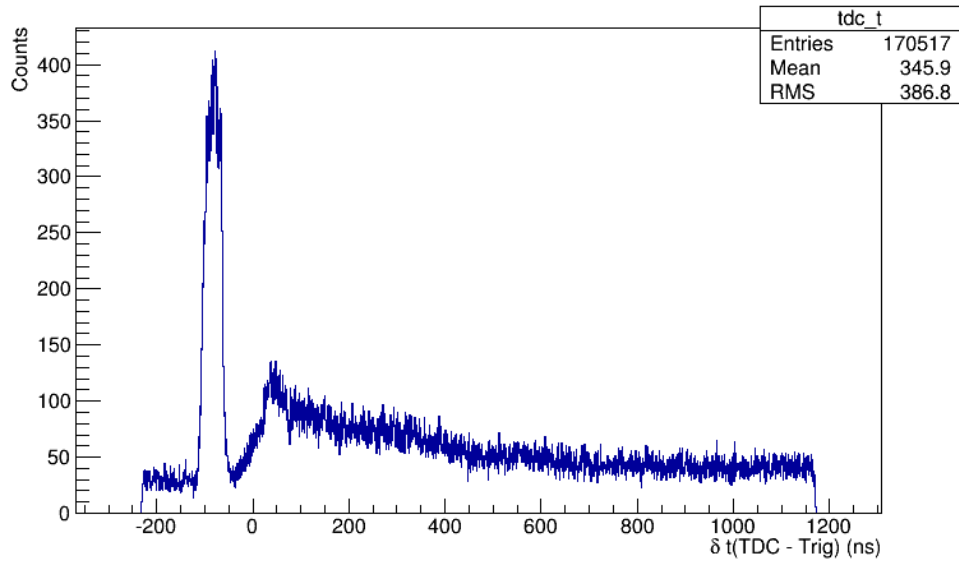
# ST Update

Run 1556 (BCAL Trigger, 50k Events)  
100 nA,  $1 \times 10^{-4}$  RL,  $I=1200$ A, 10 mm CH2

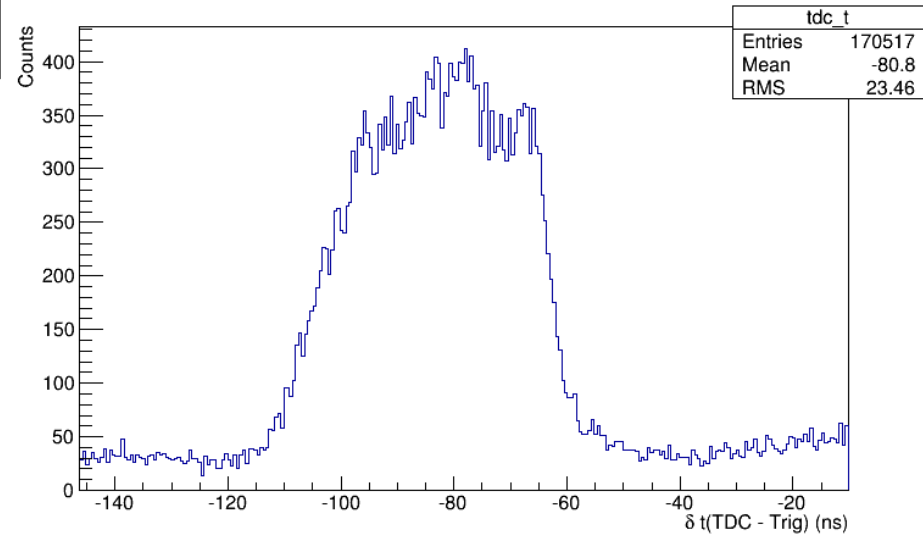
12/12/2014

# fTDC – Trig

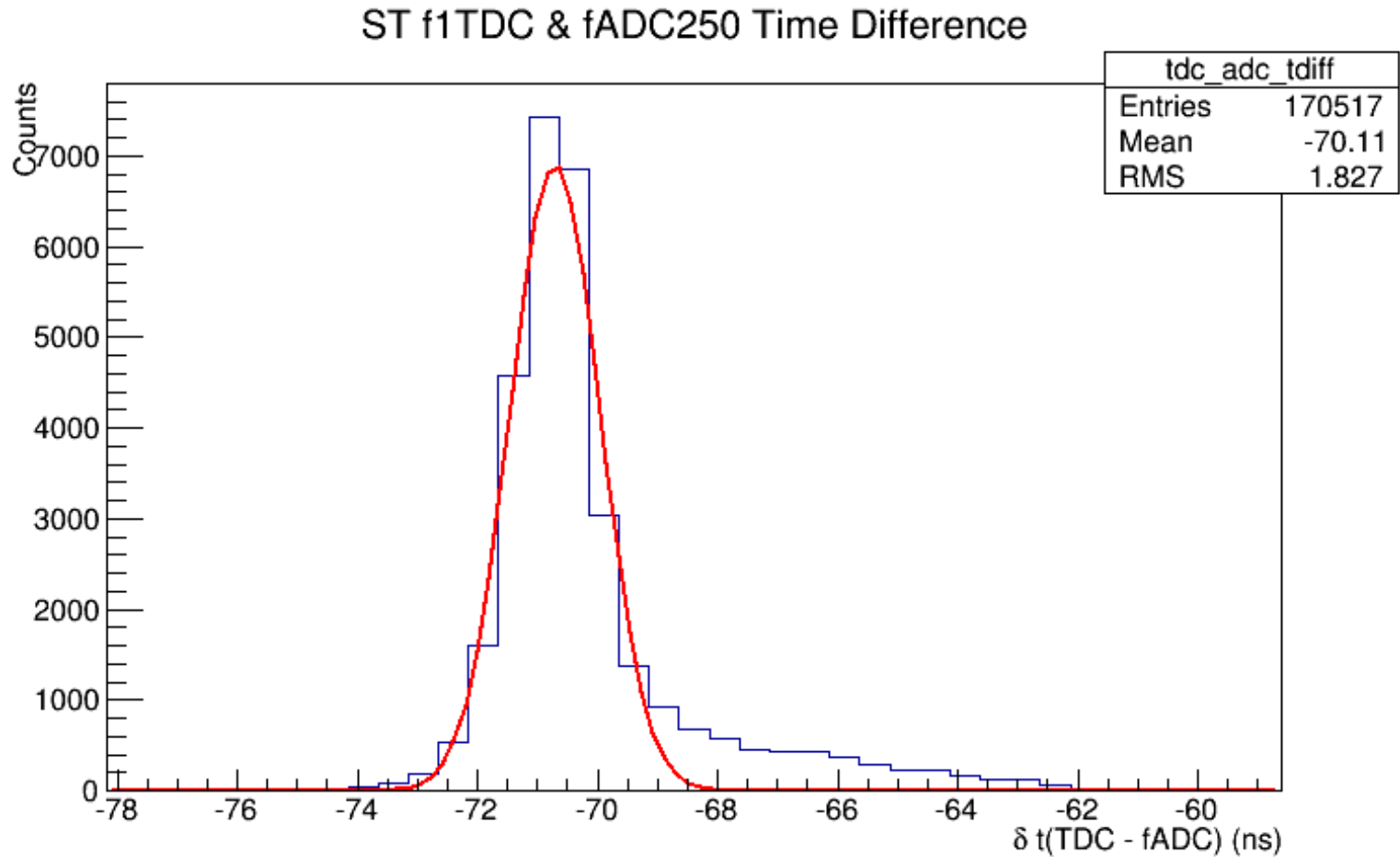
ST f1TDC Time



ST f1TDC Time

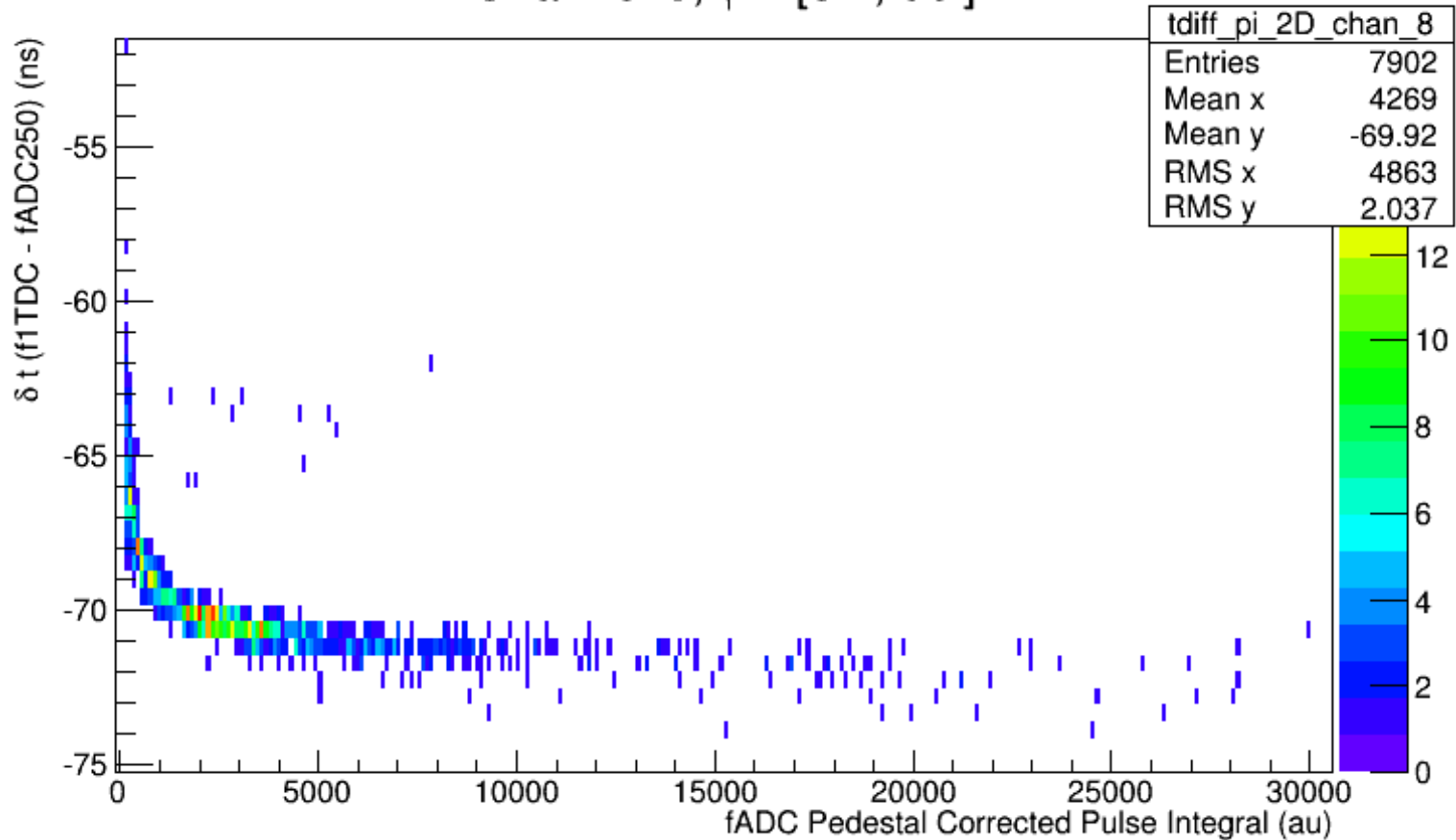


# (fTDC – Trig) – fADC (750 ps)



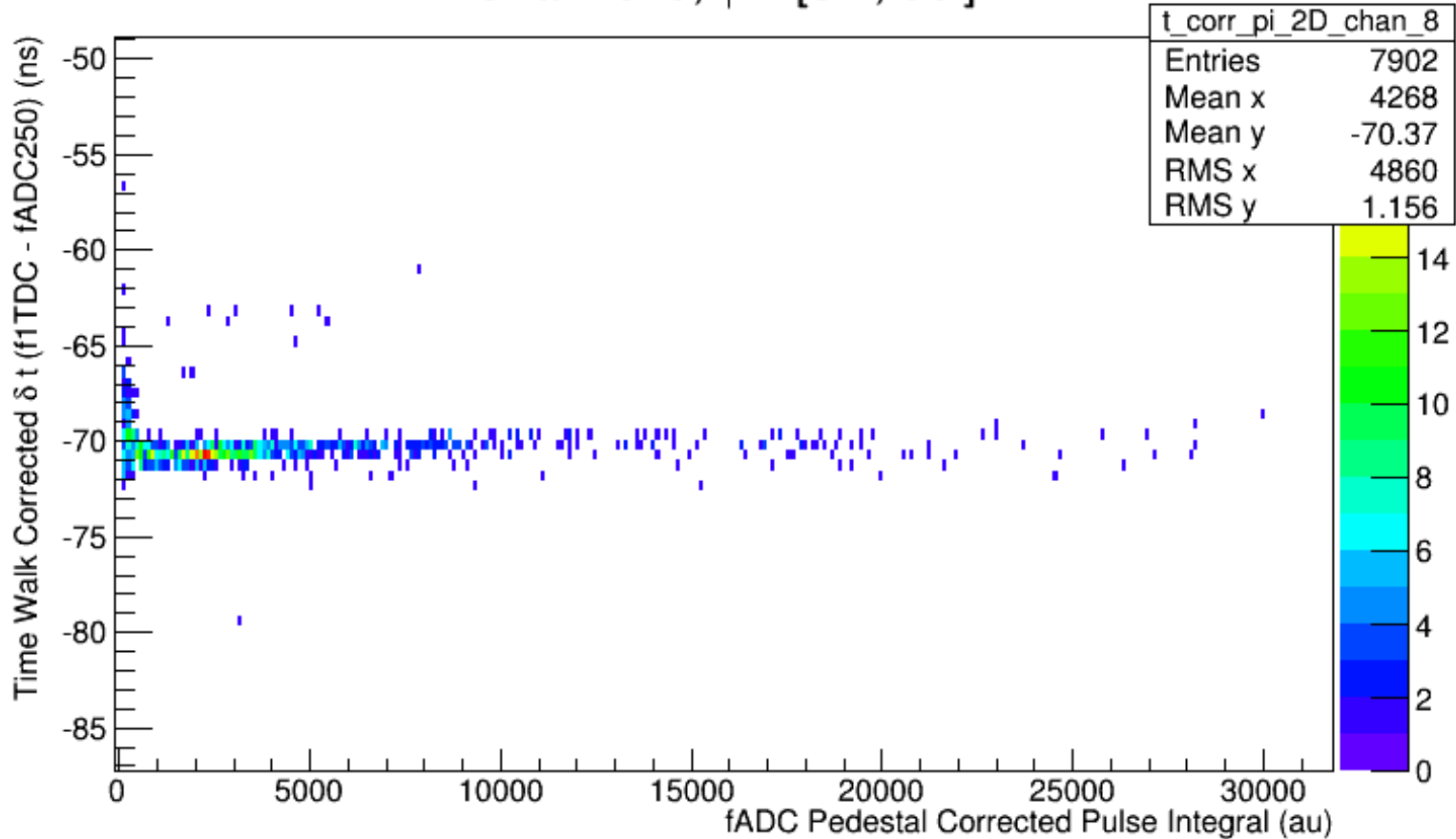
# Ch 8 Time vs. Pulse Integral

Channel 8,  $\phi \in [84^\circ, 96^\circ]$



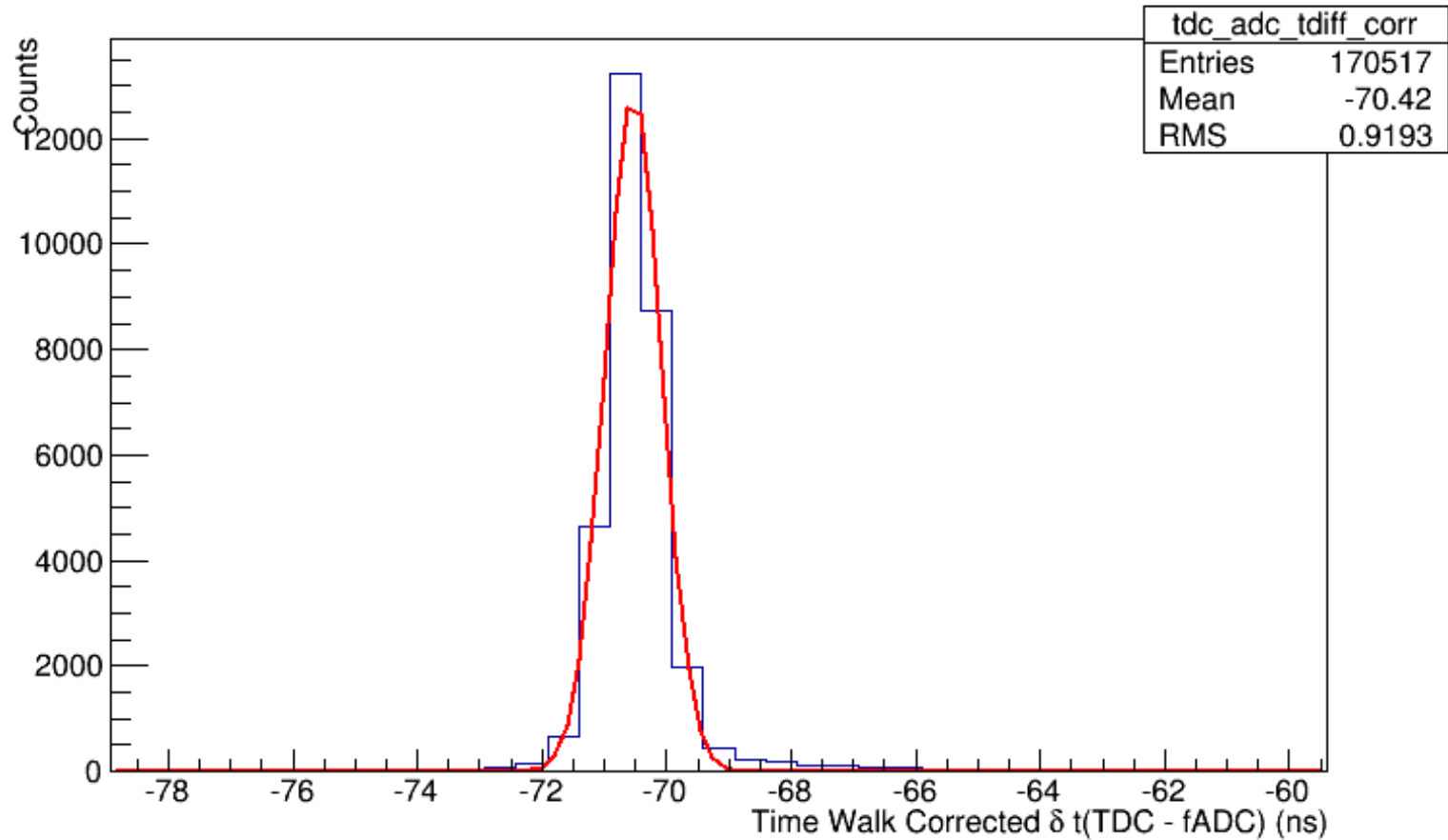
# Ch 8 Time vs. Integral TW Corrected

Channel 8,  $\phi \in [84, 96]$



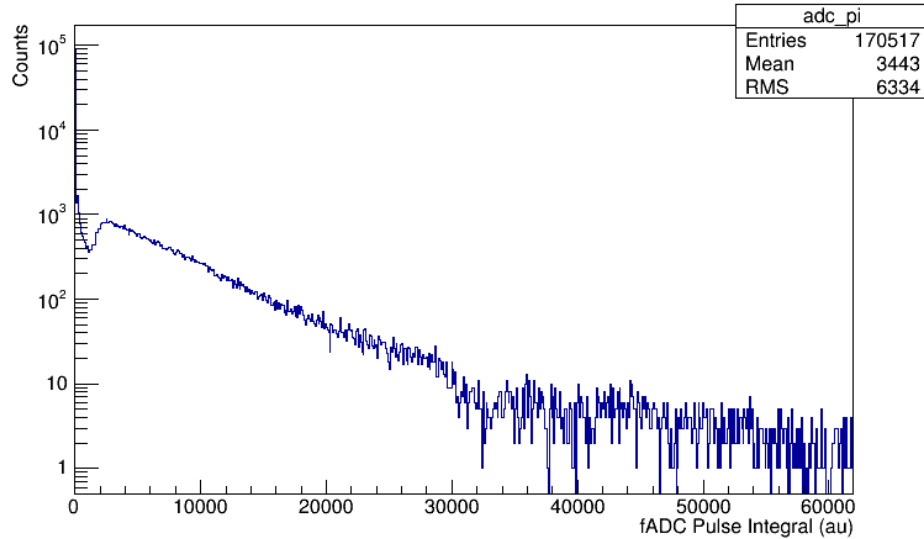
# TW Corrected (fTDC – Trig) – fADC (450 ps)

ST f1TDC & fADC250 Time Walk Corrected Time Difference

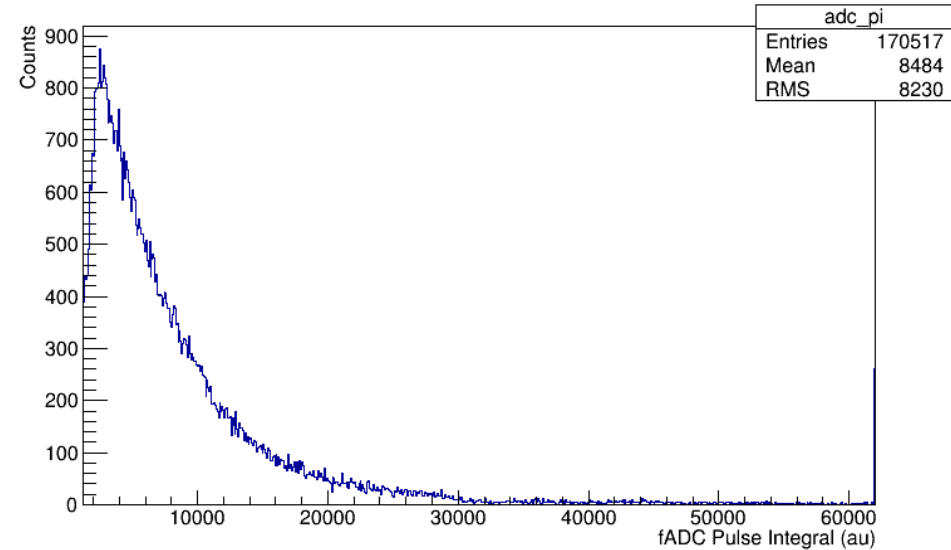


# Pedestal Corrected fADC Pulse Integral

ST fADC250 Pulse Time

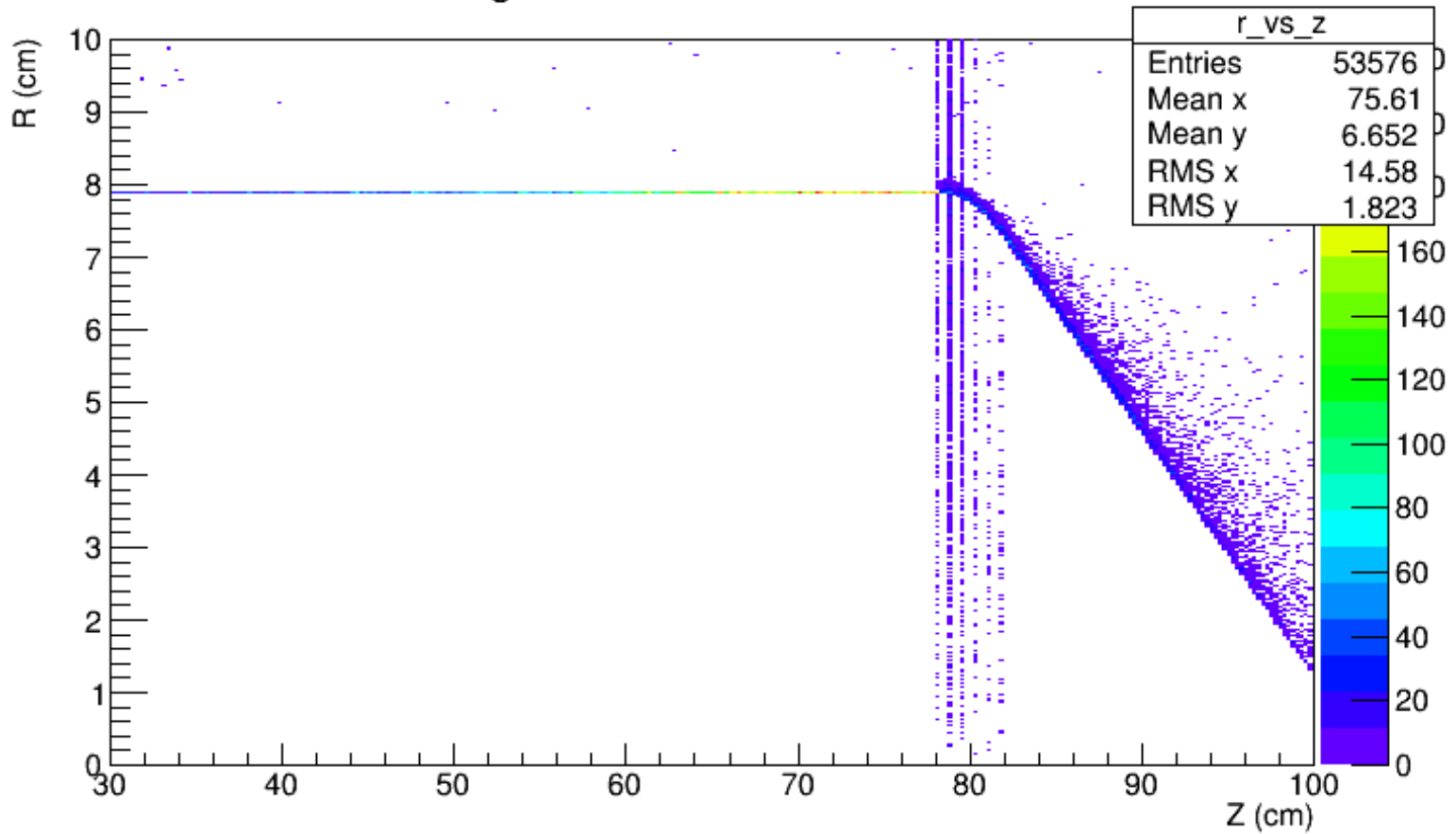


ST fADC250 Pulse Time



# R vs. Z

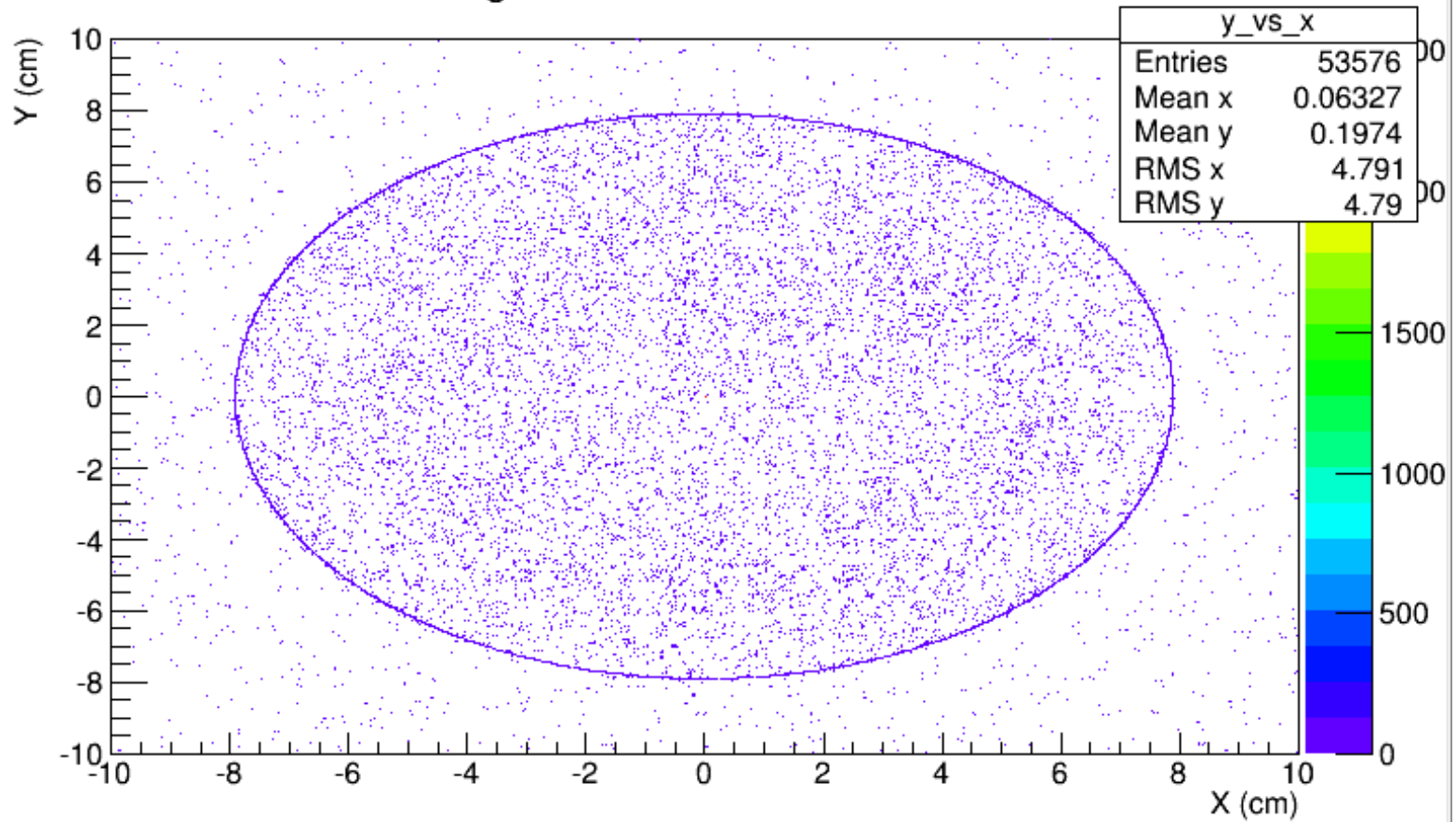
Charged Track & ST Intersection





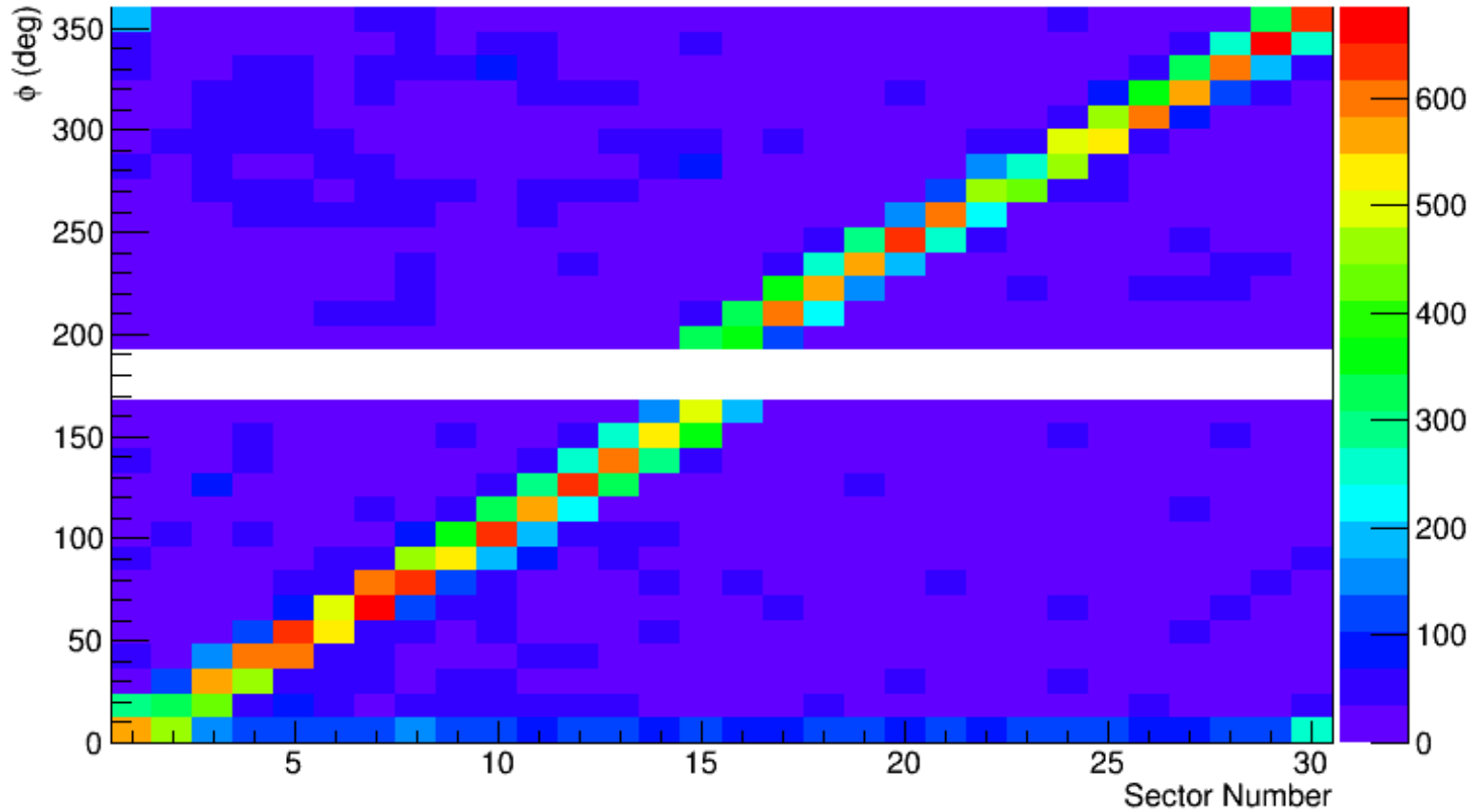
# Y vs. X

Charged Track & ST Intersection



# Phi vs. Sector

Charged Track & ST Intersection



# Pedestal Corrected Pulse Integral vs. Z

