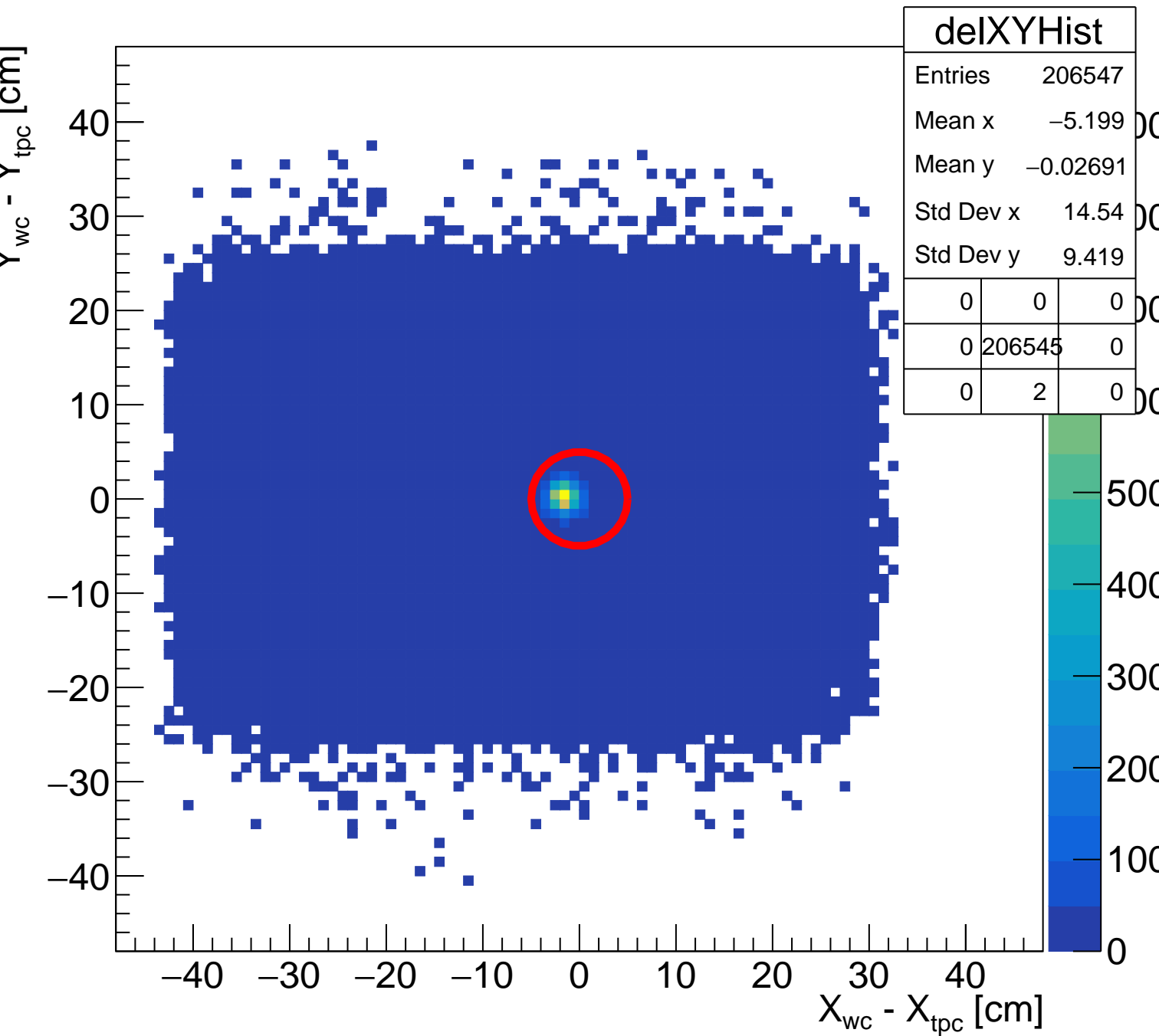
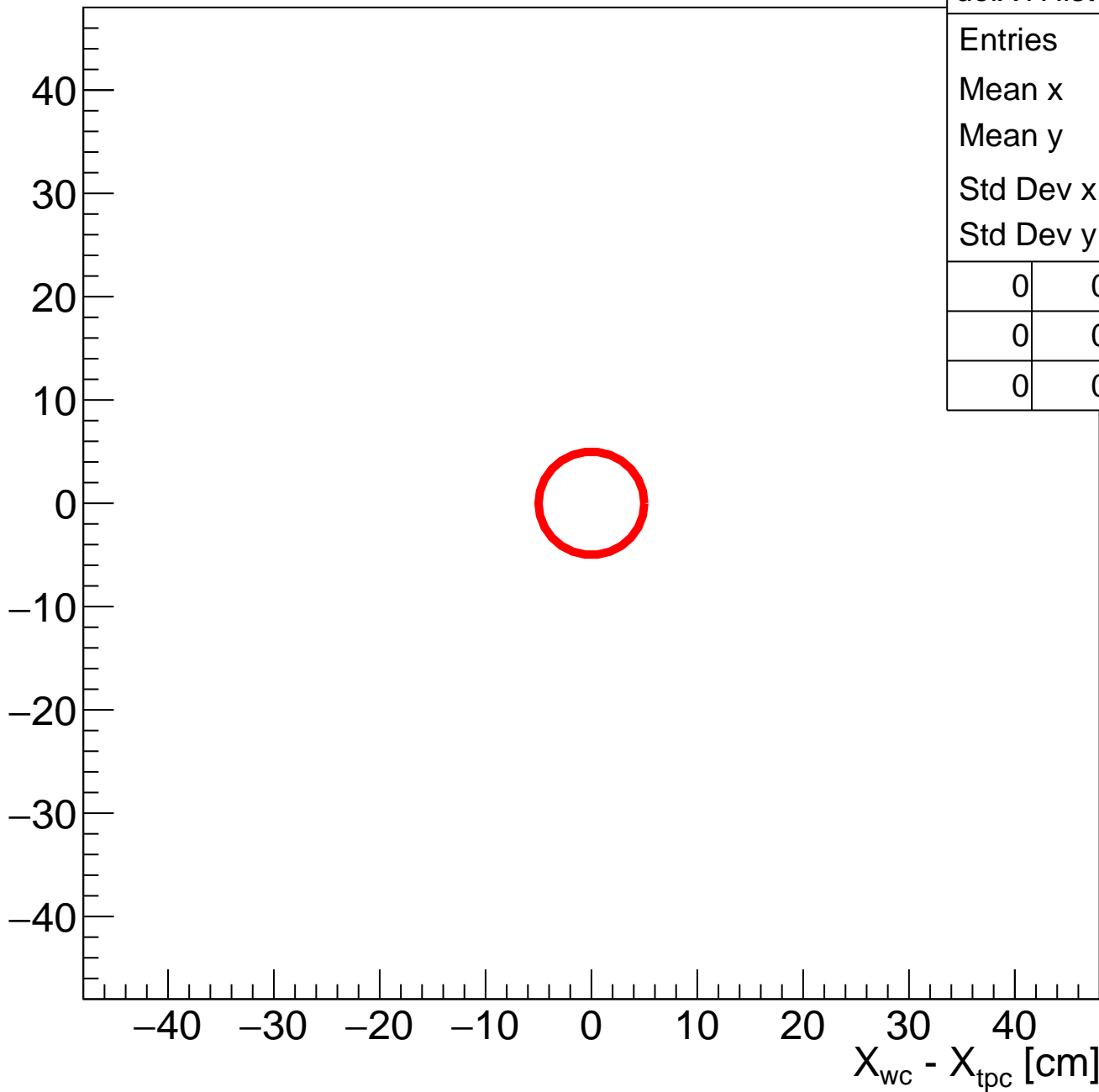


Wire Chamber - TPC position difference



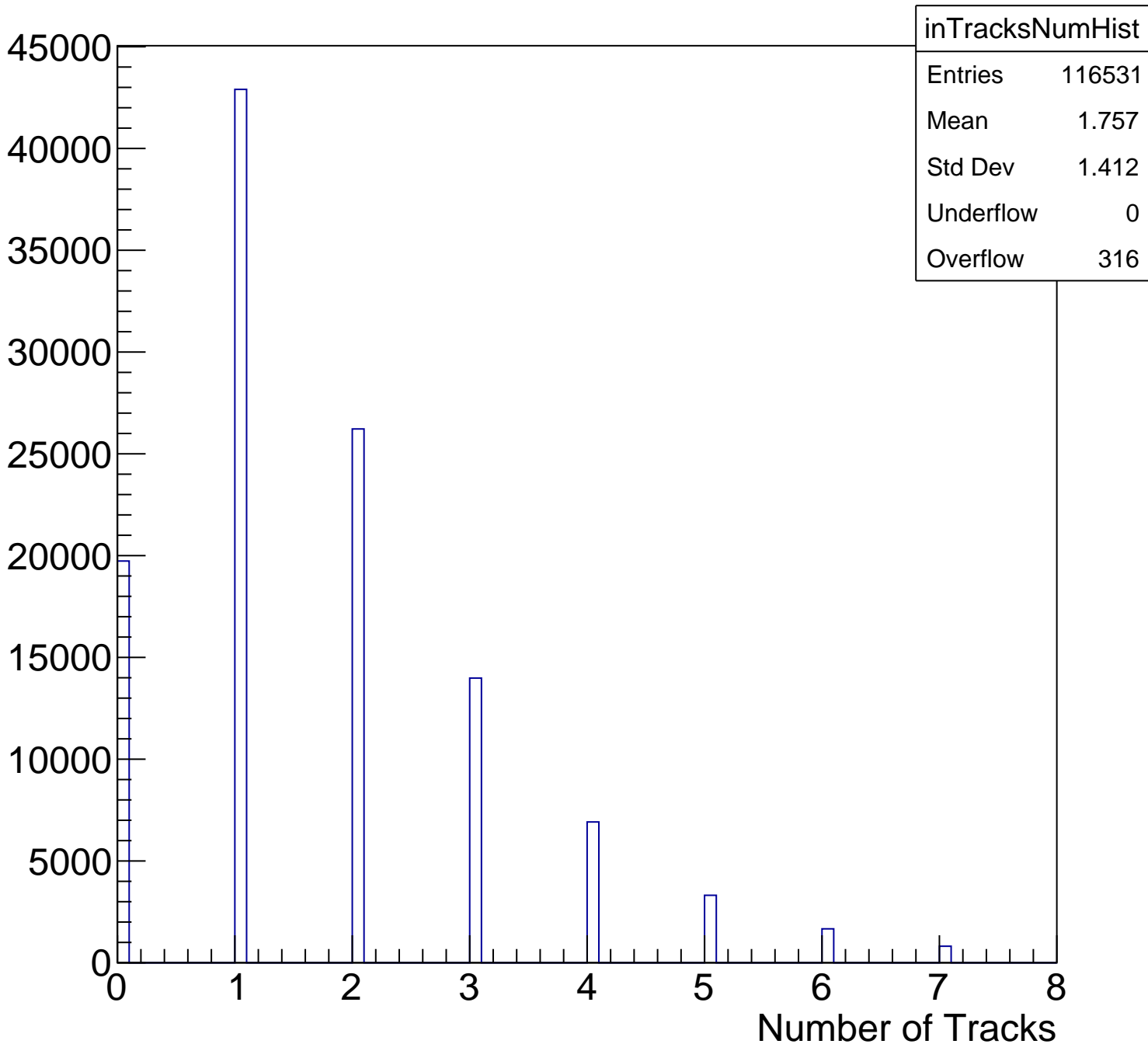
Wire Chamber - TPC position difference

$Y_{wc} - Y_{tpc}$ [cm]

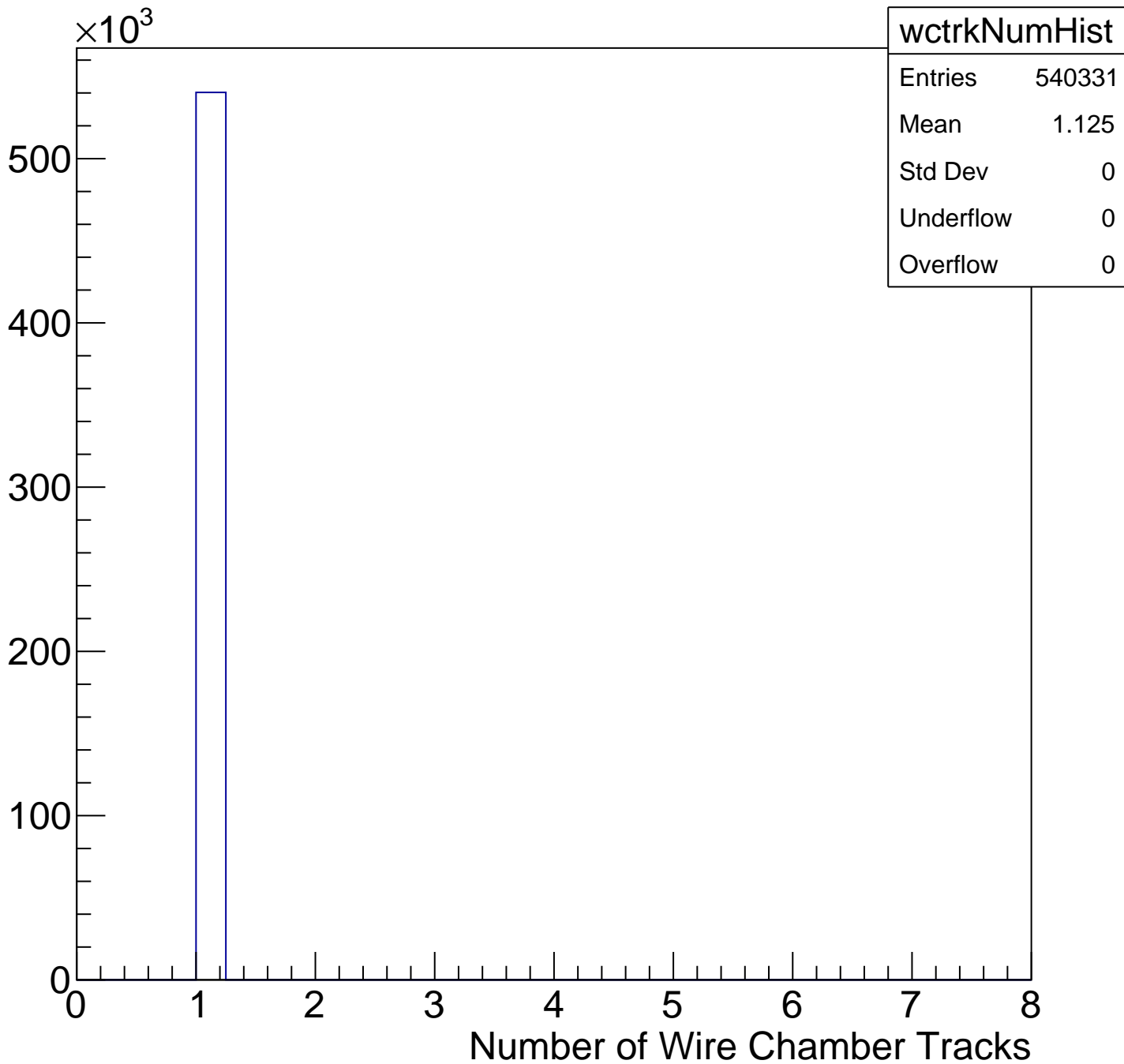


delXYHistCenter		
Entries	0	
Mean x	0	
Mean y	0	
Std Dev x	0	
Std Dev y	0	
0	0	0
0	0	0
0	0	0

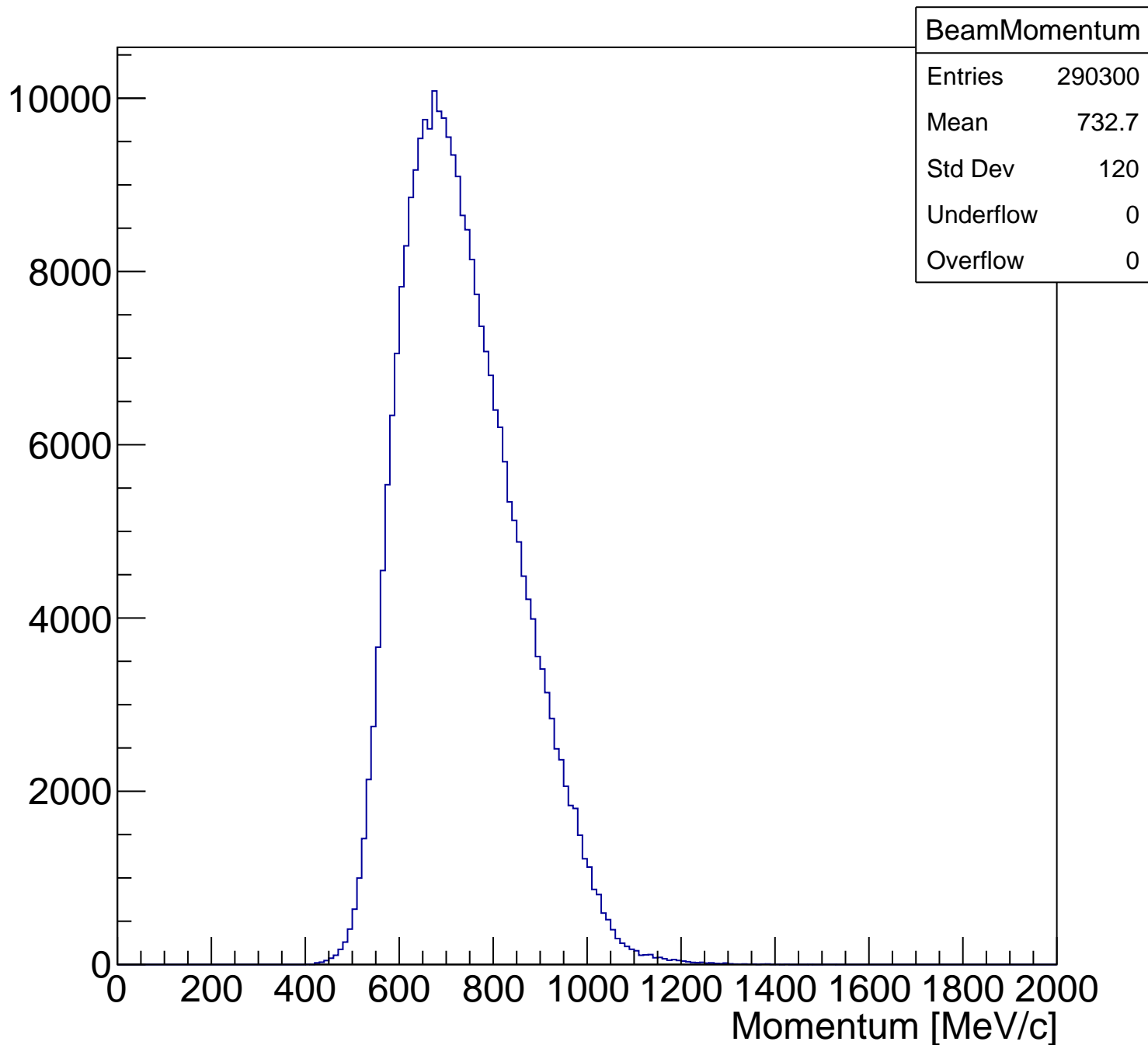
Number of Tracks starting at Z < 4cm



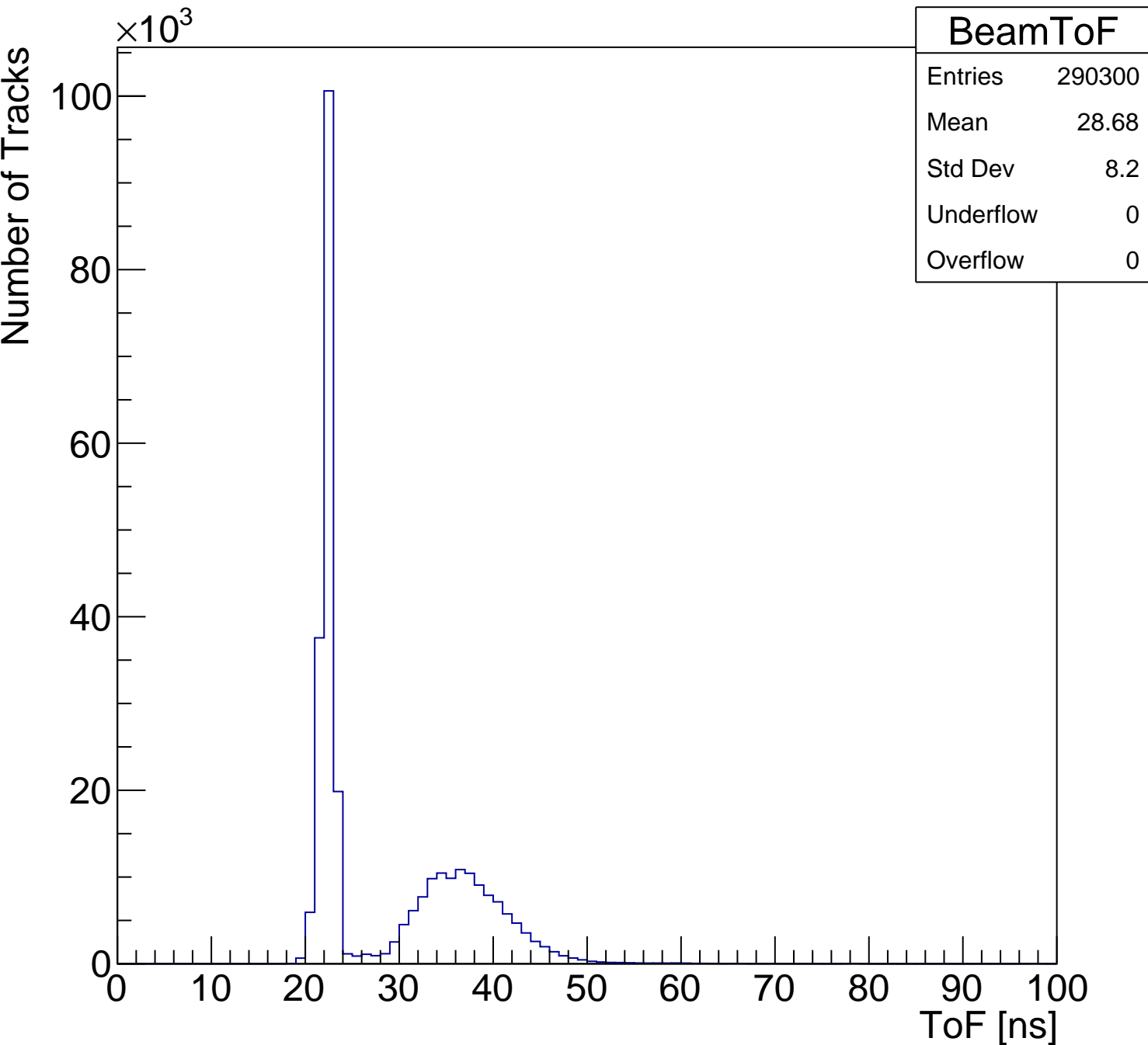
Number of Wire Chamber Tracks per Event



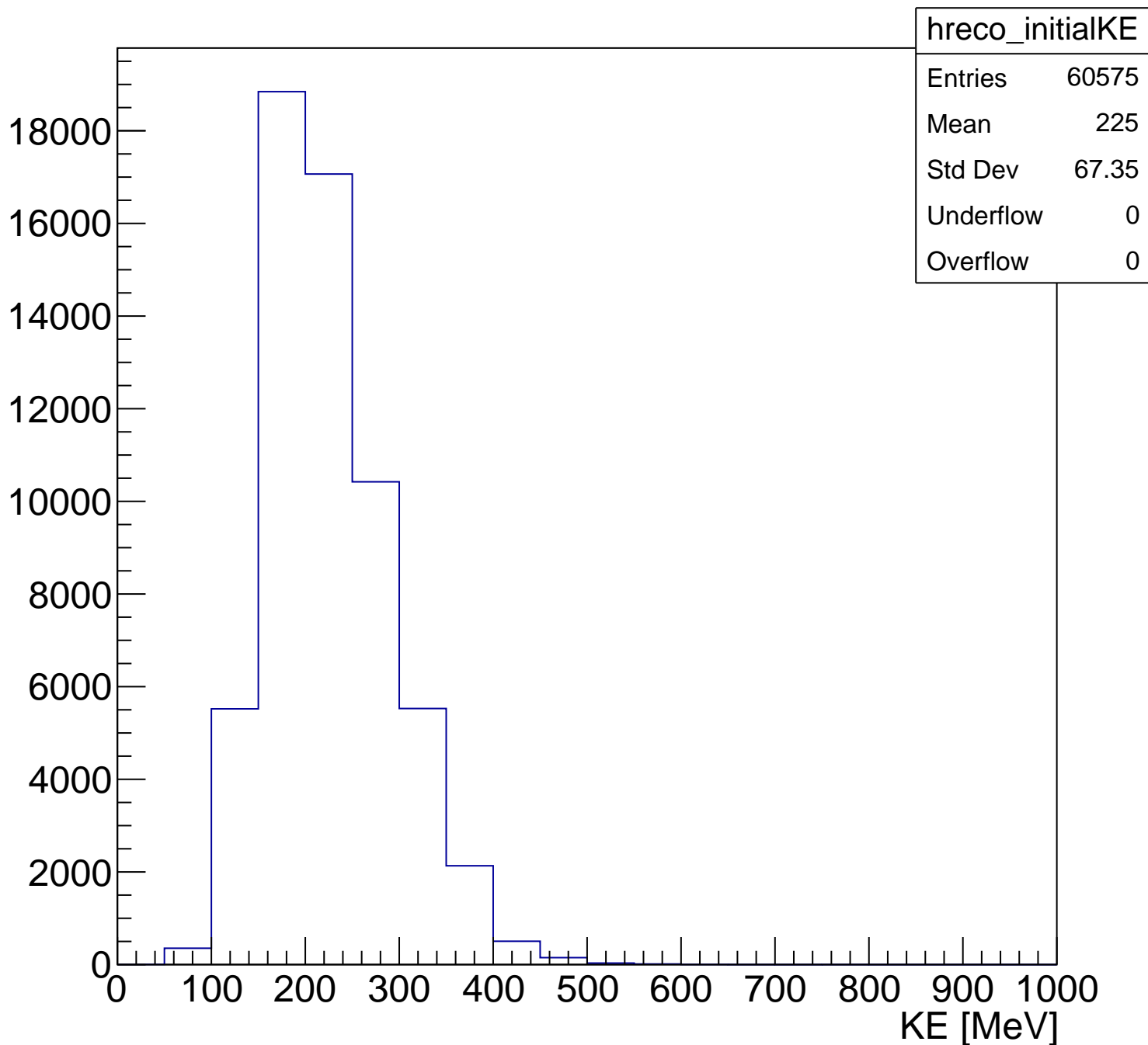
Beam Momentum



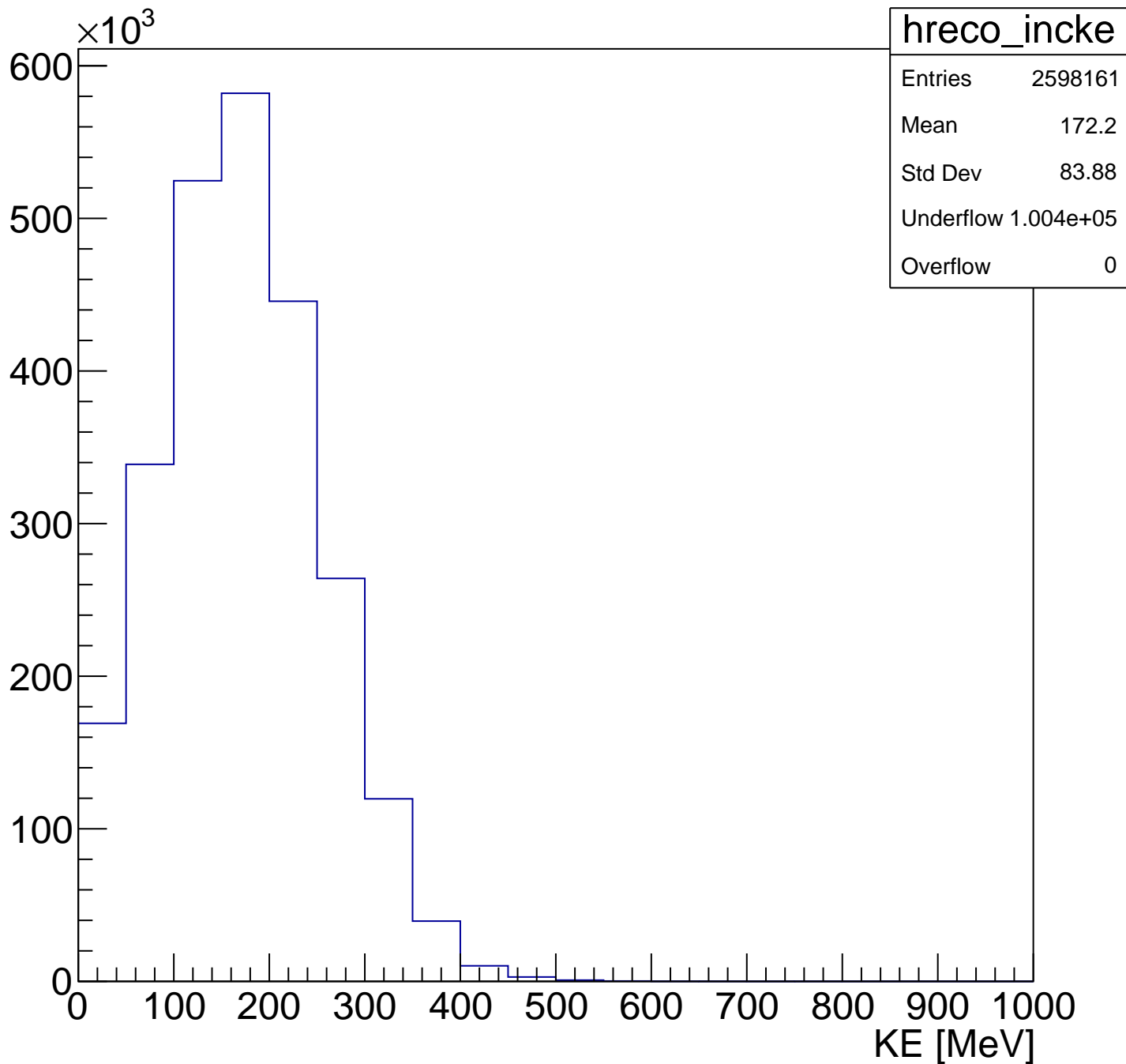
Time of Flight



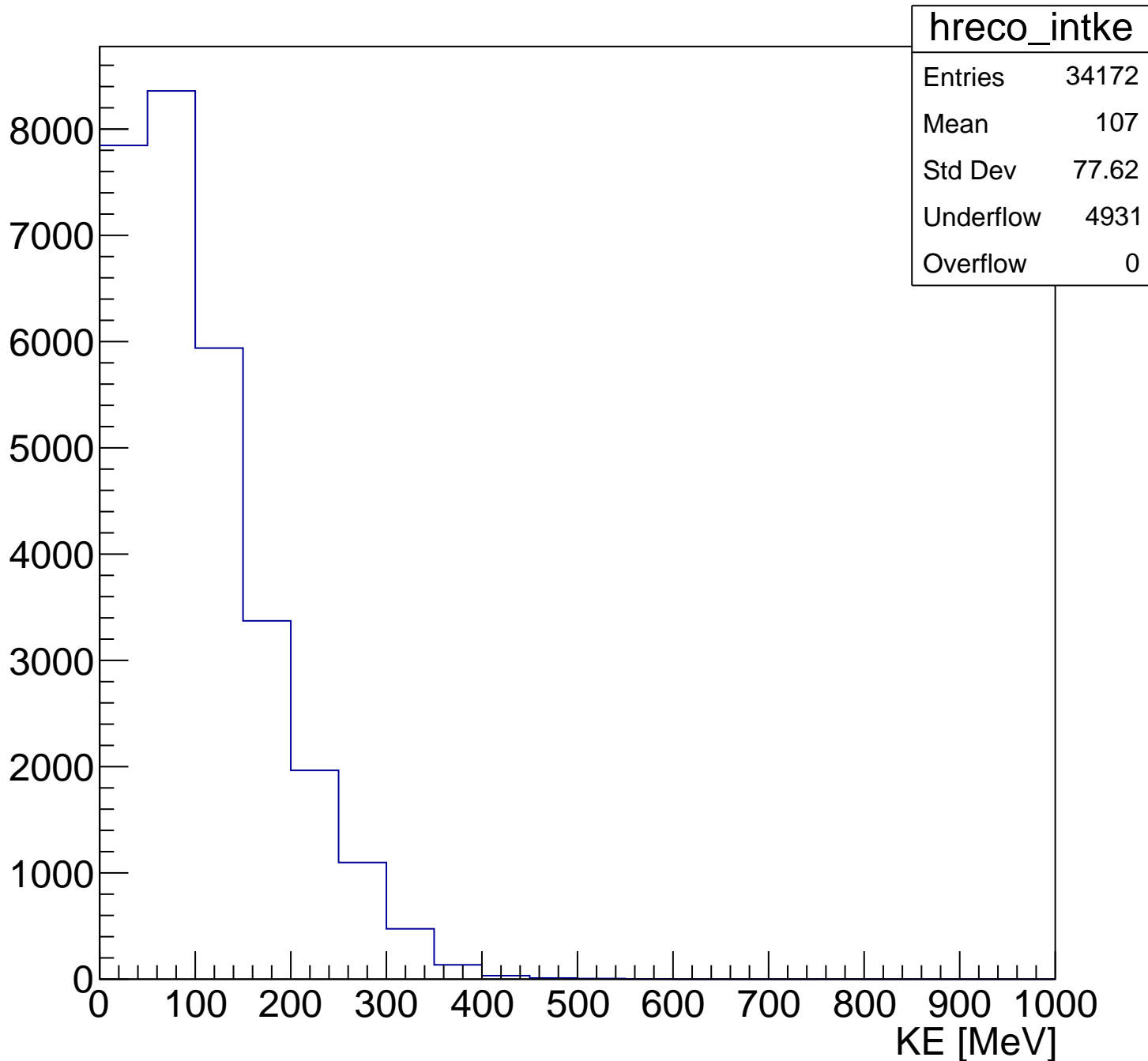
Initial KE



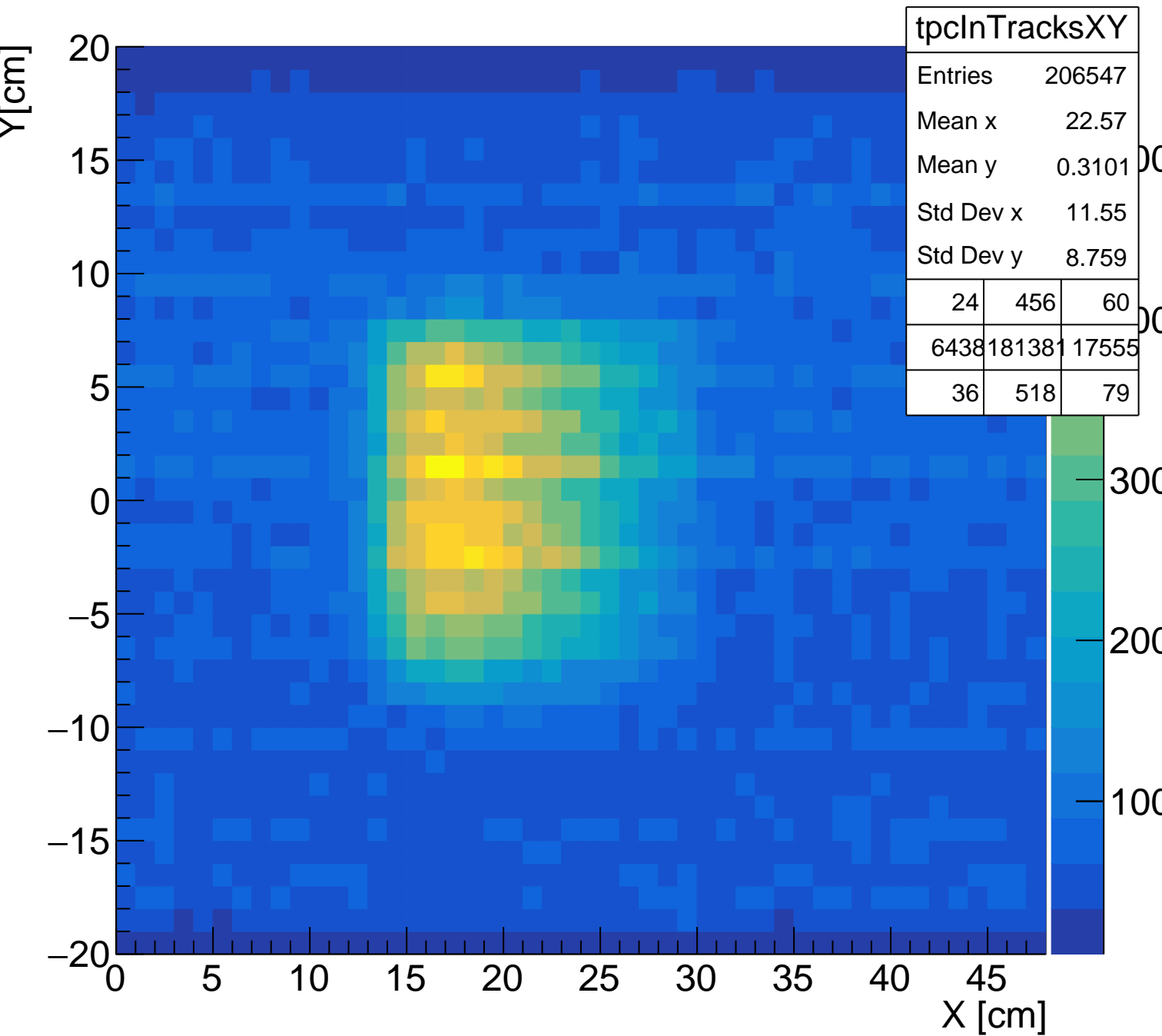
Incident KE



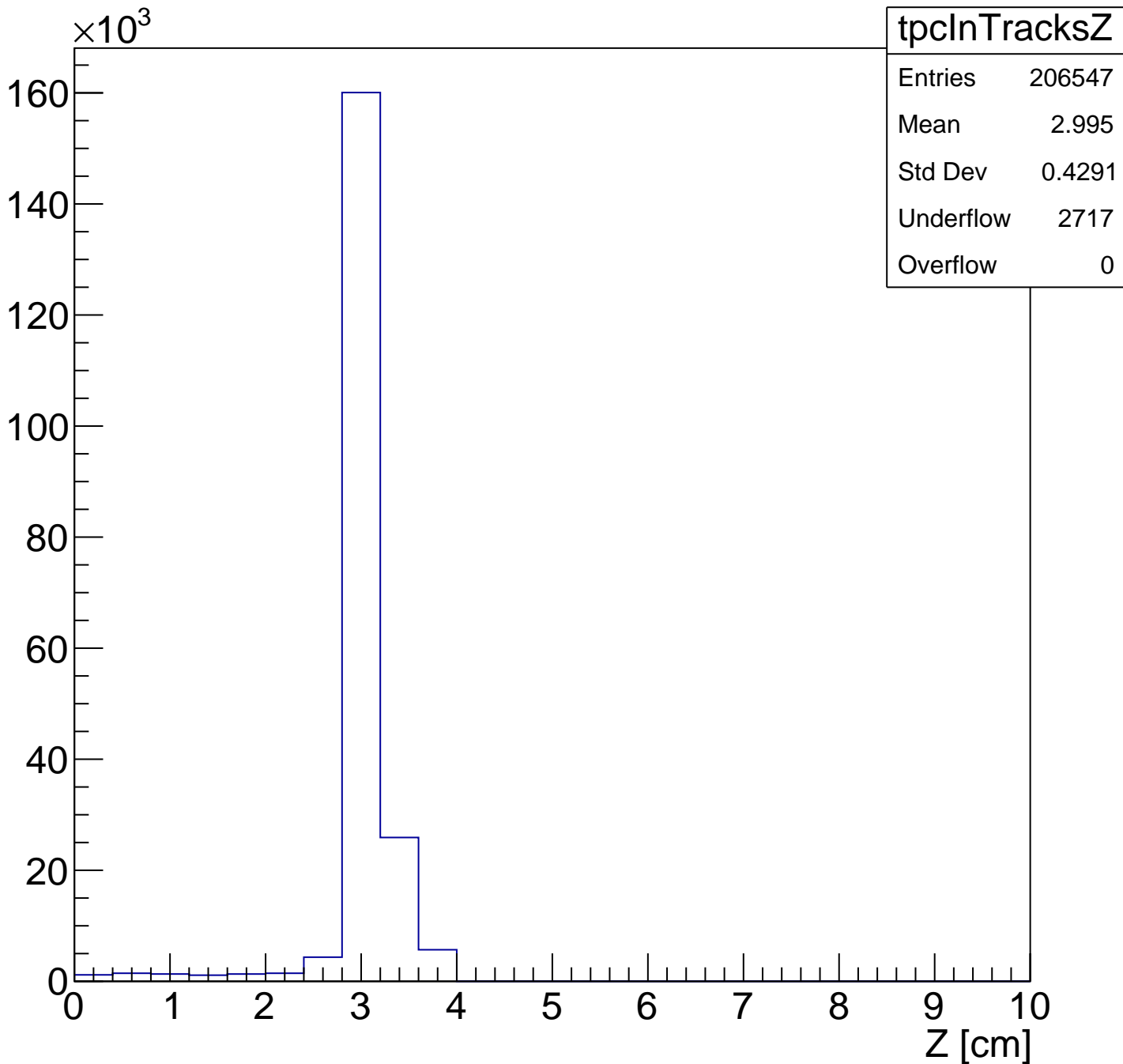
Interacting KE



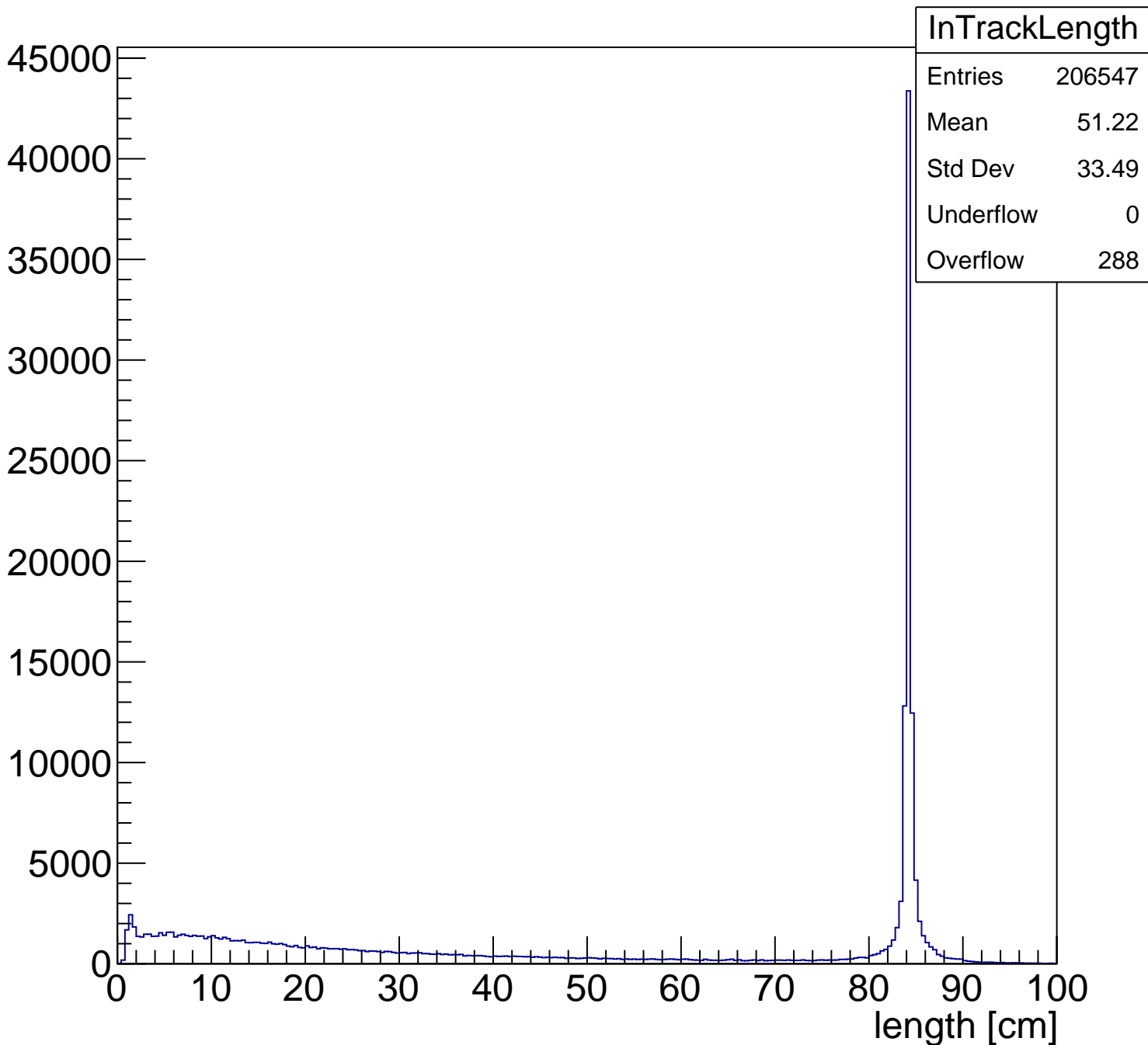
Position of TPC track start XY



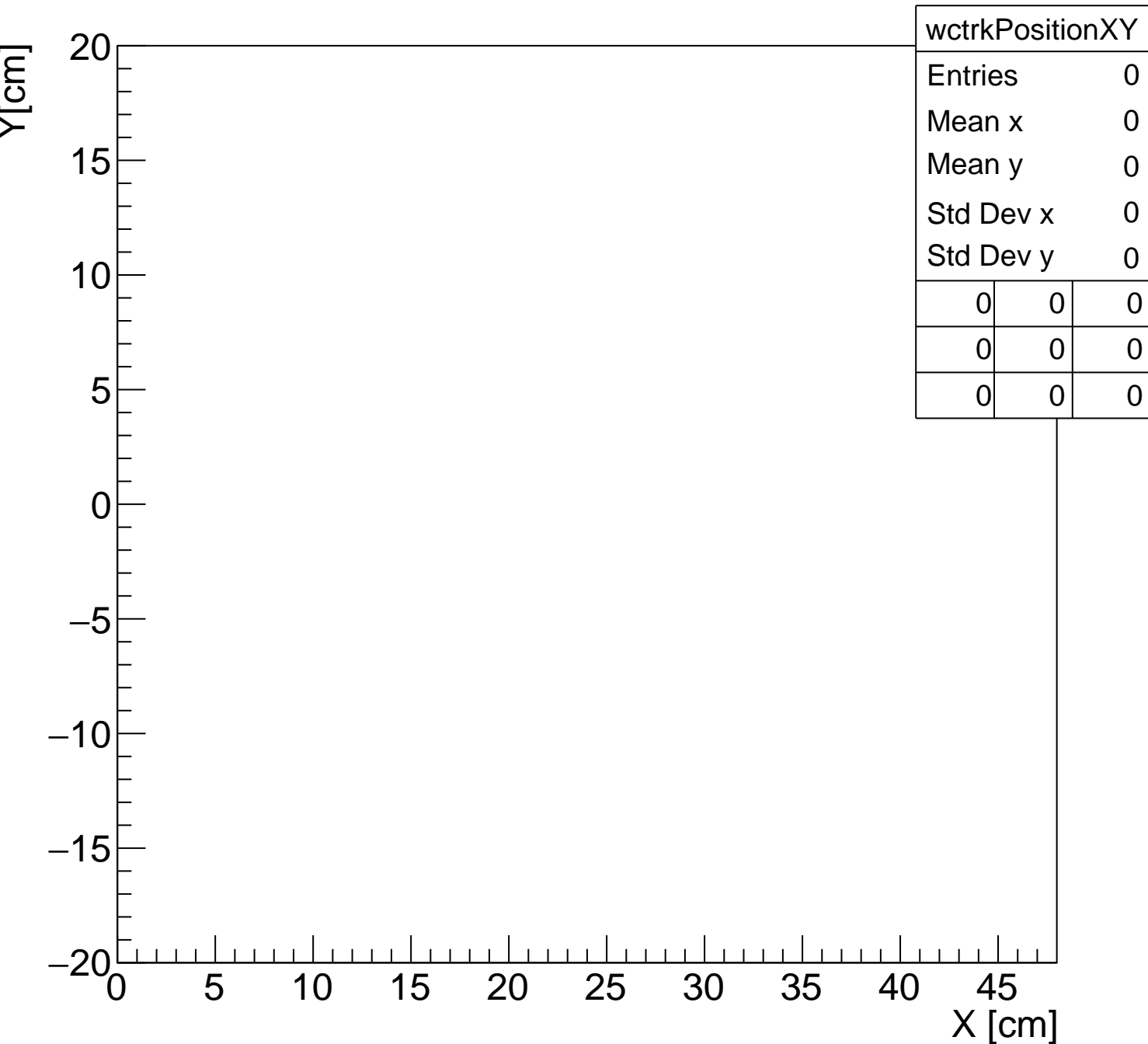
Position of TPC entering track start Z



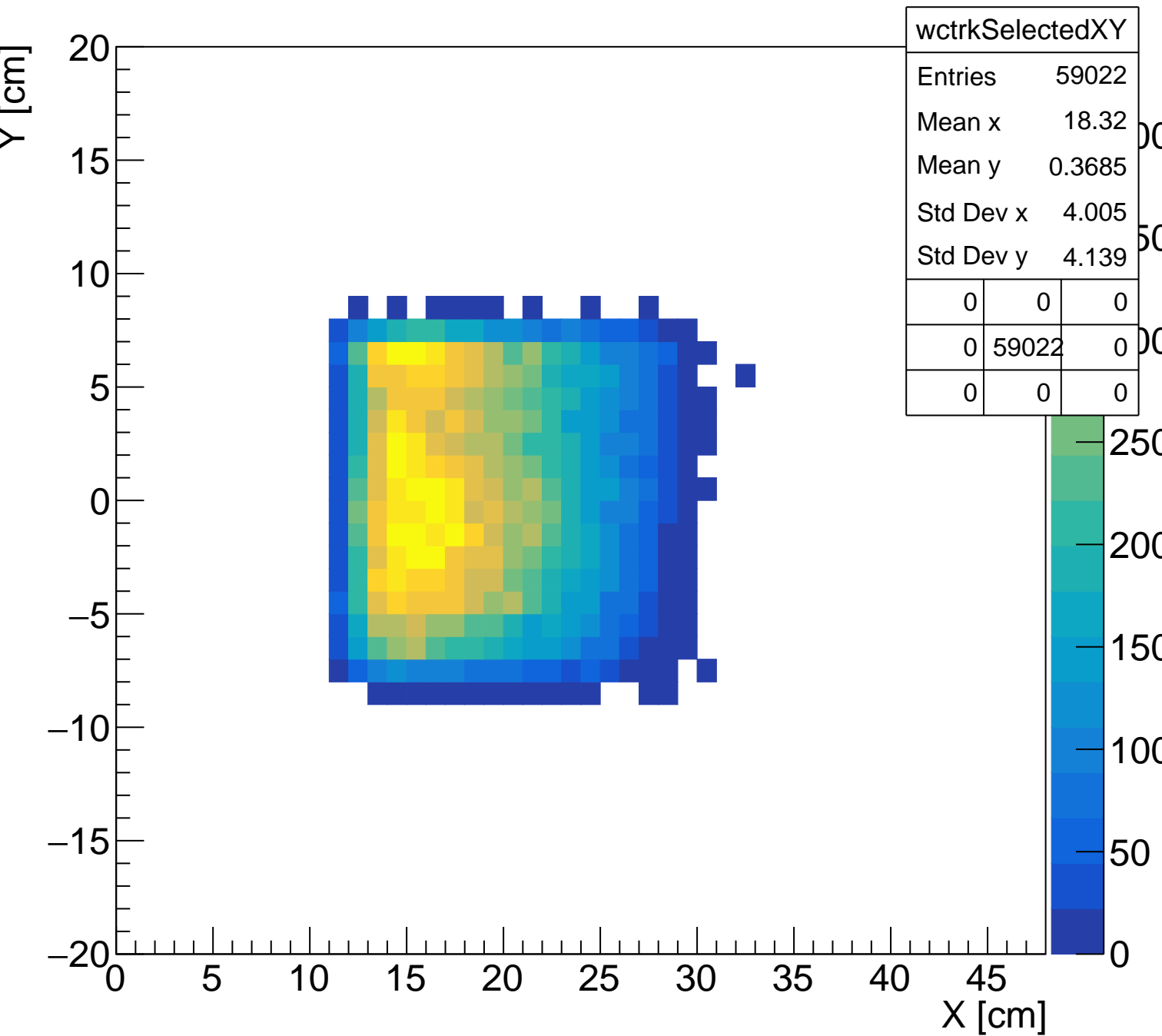
Entering Track Length



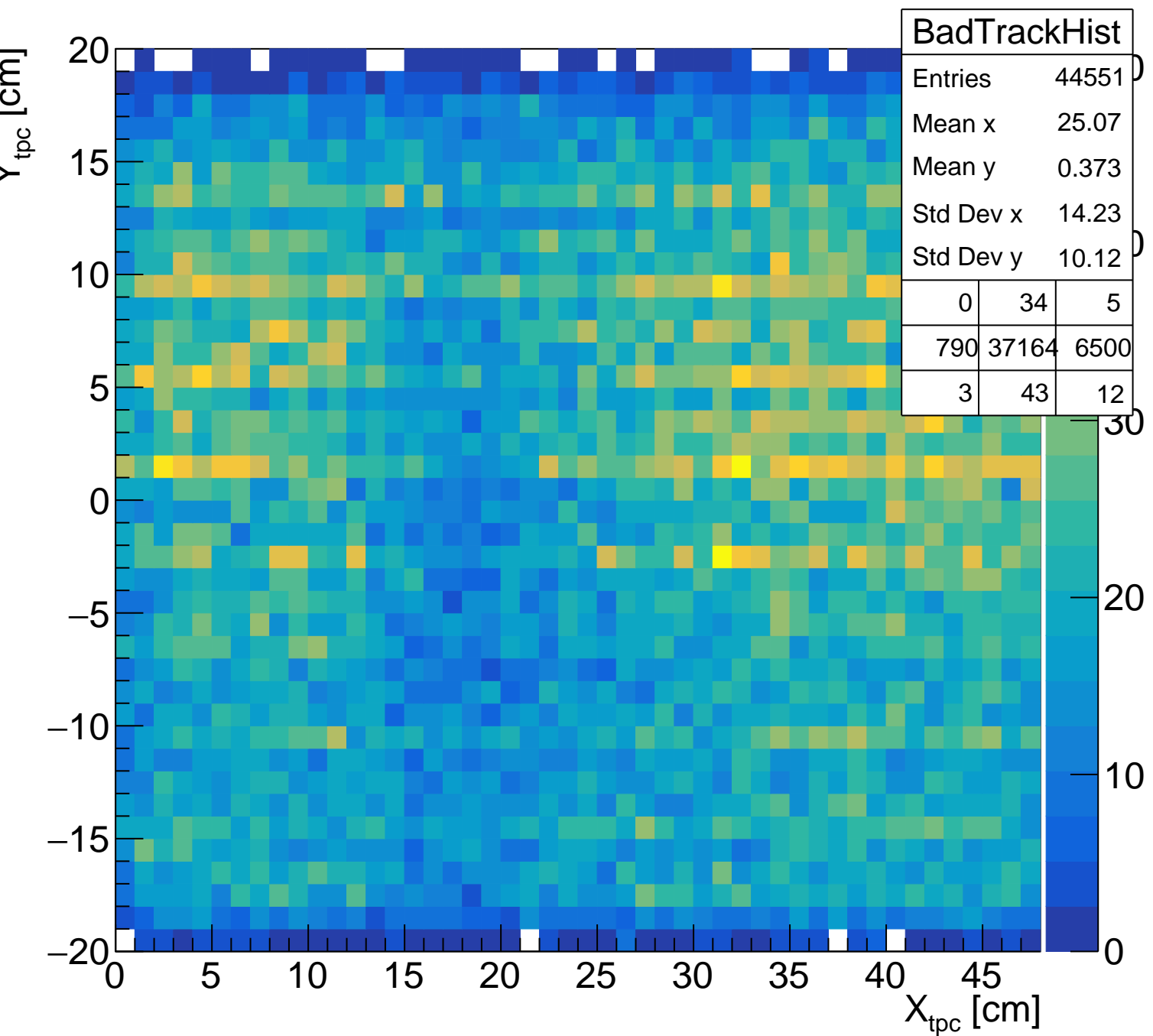
Position of Wire Chamber Track



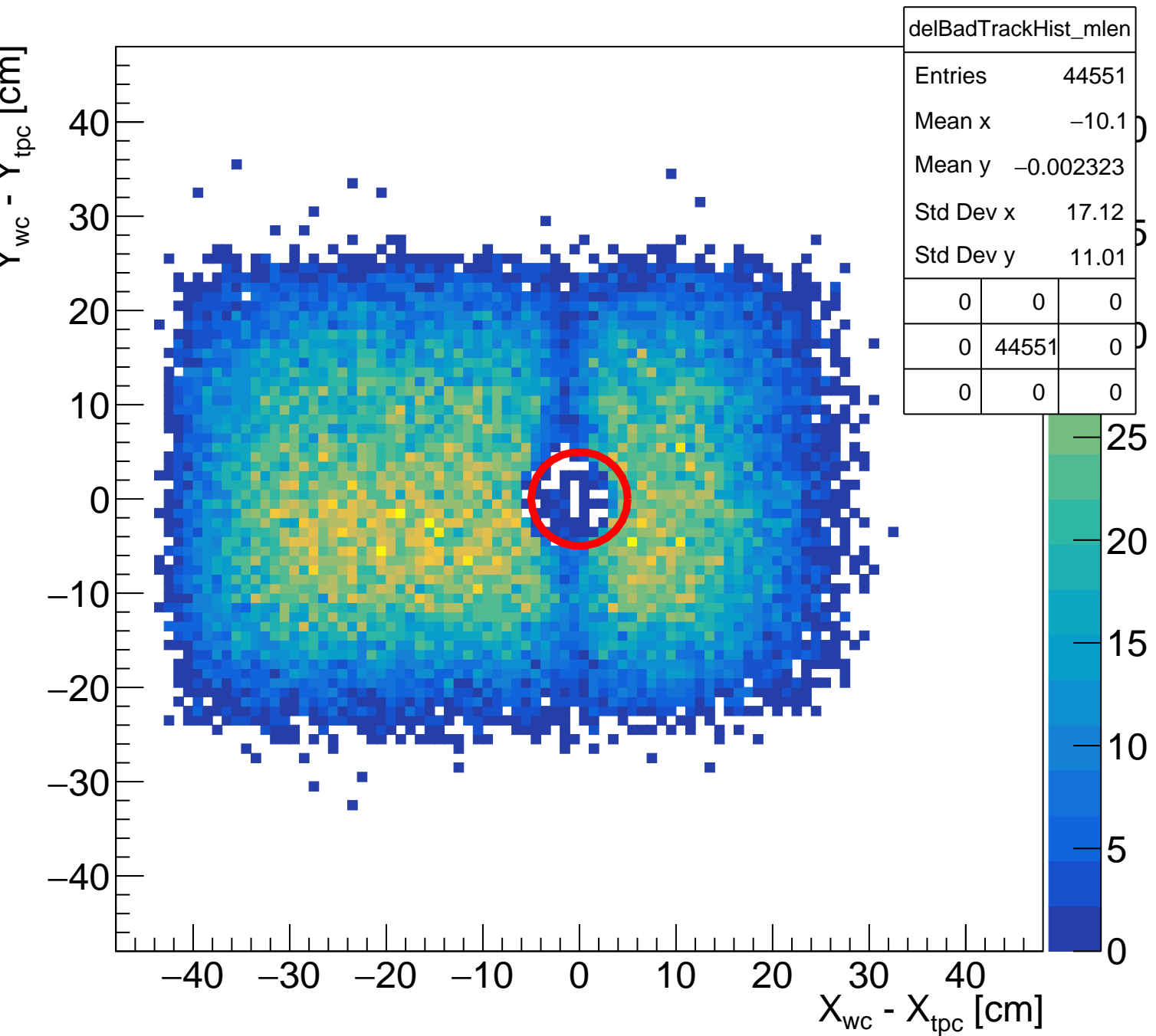
Position of Wire Chamber Track



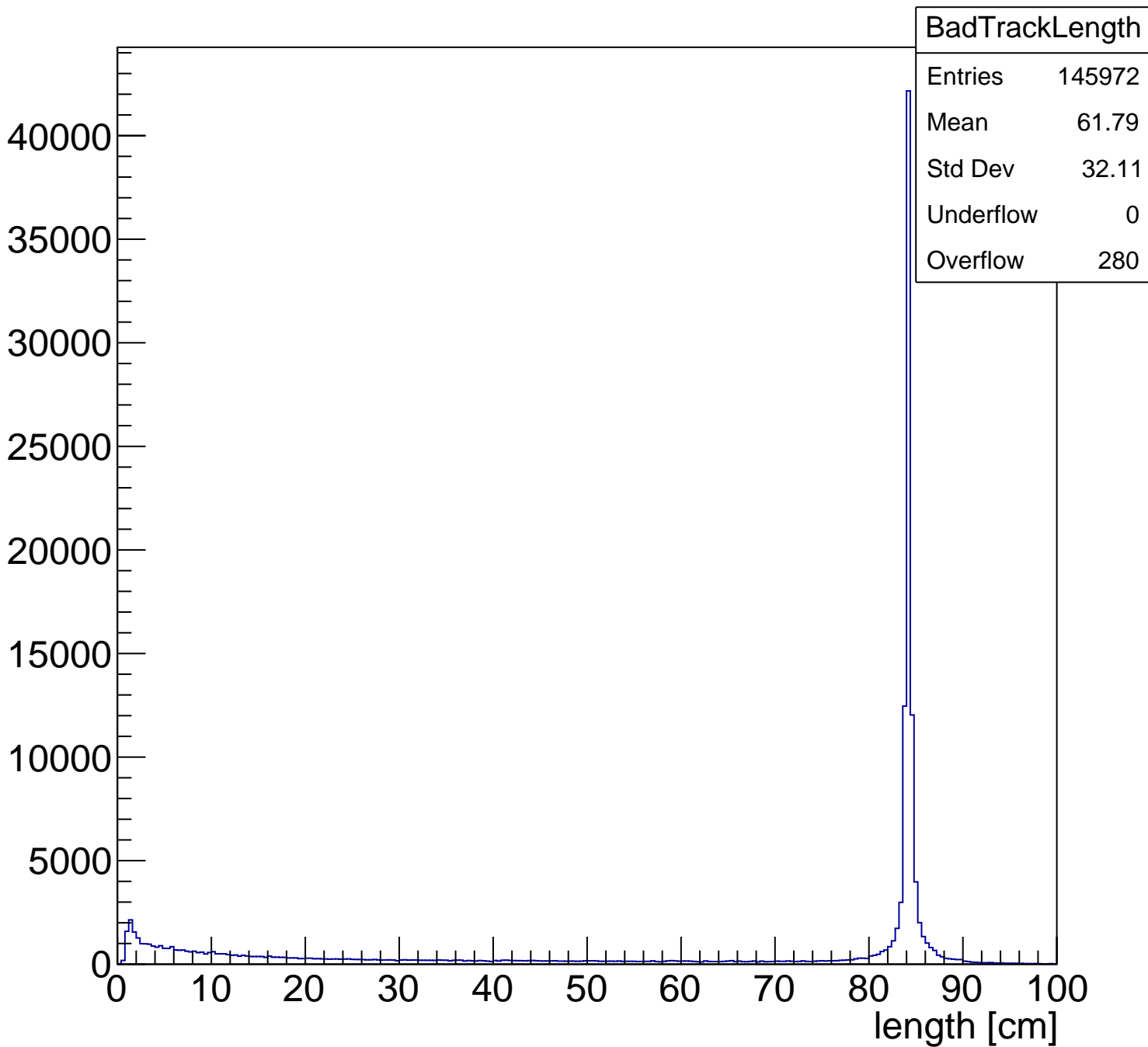
non-selected tracks



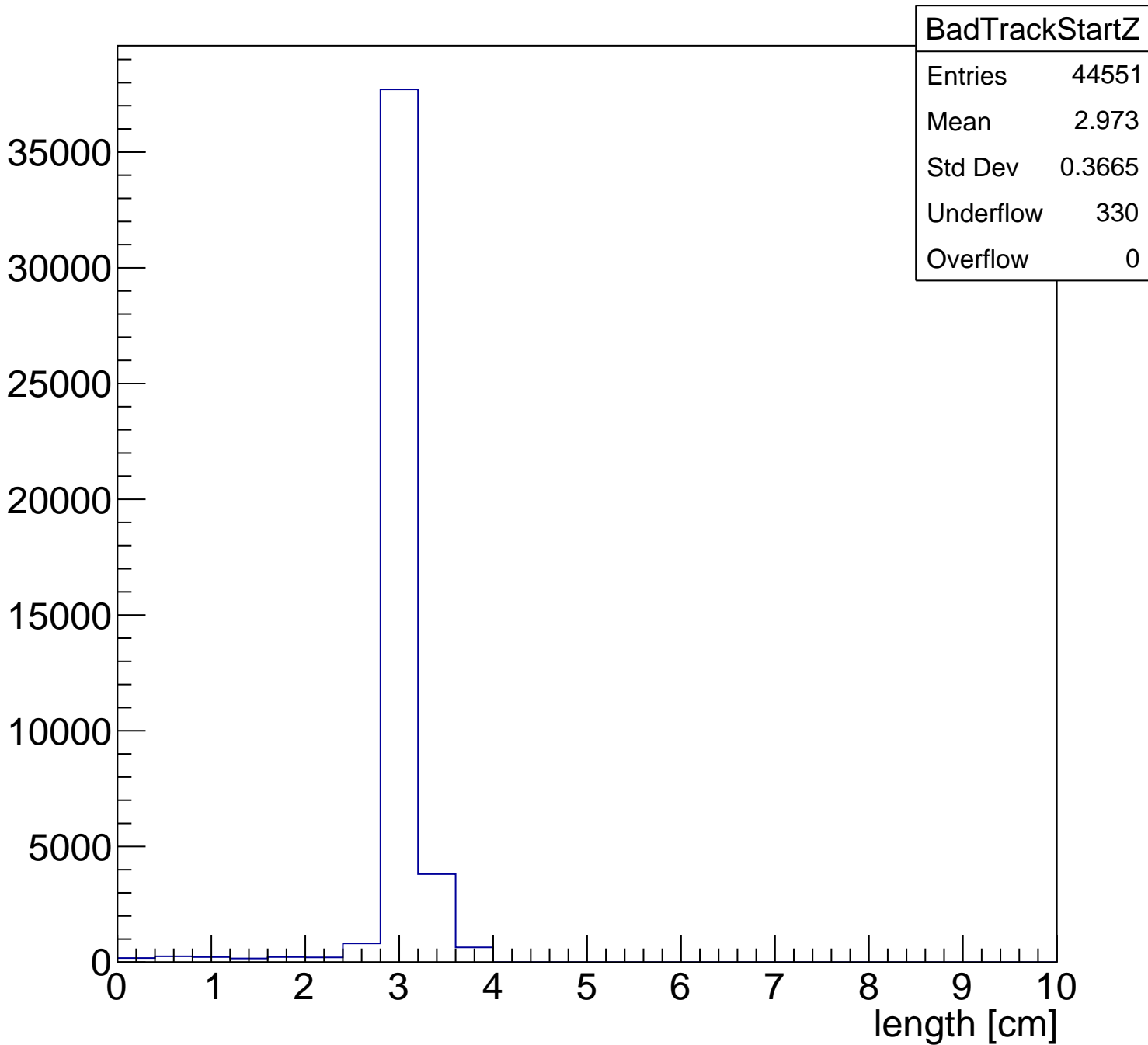
pileup - match found, $L > 70$



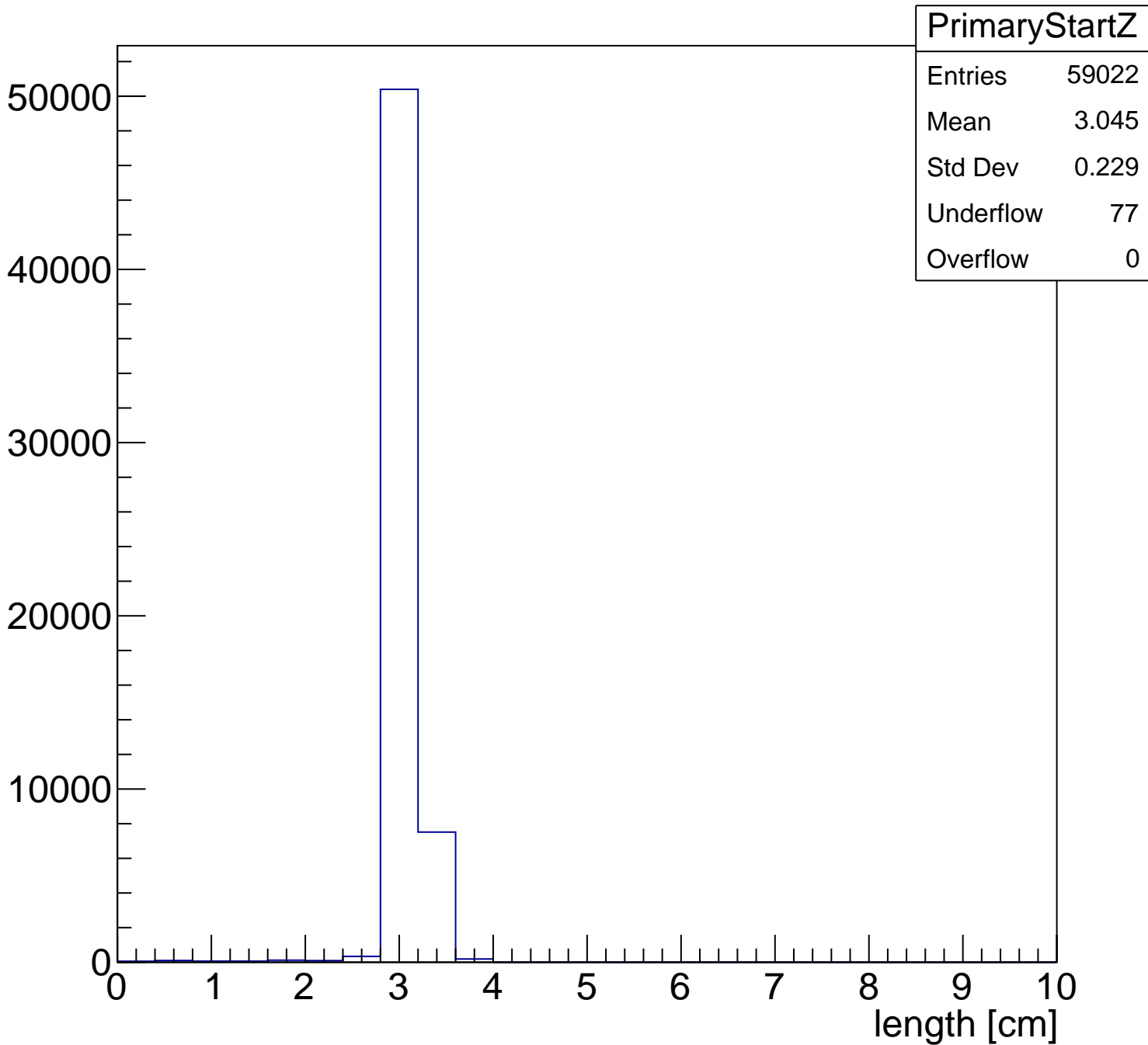
Pileup Track Length



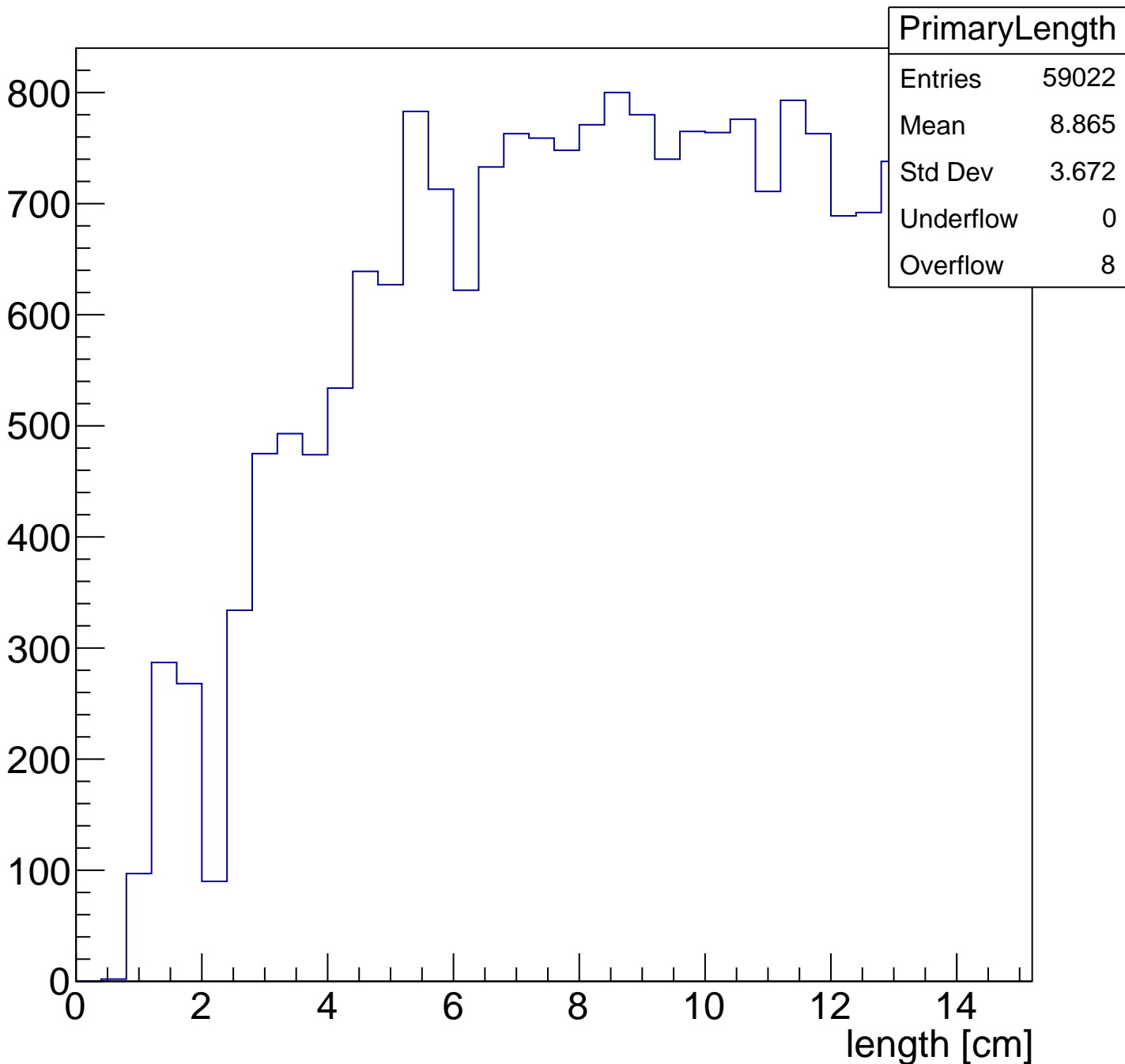
non-selected track start



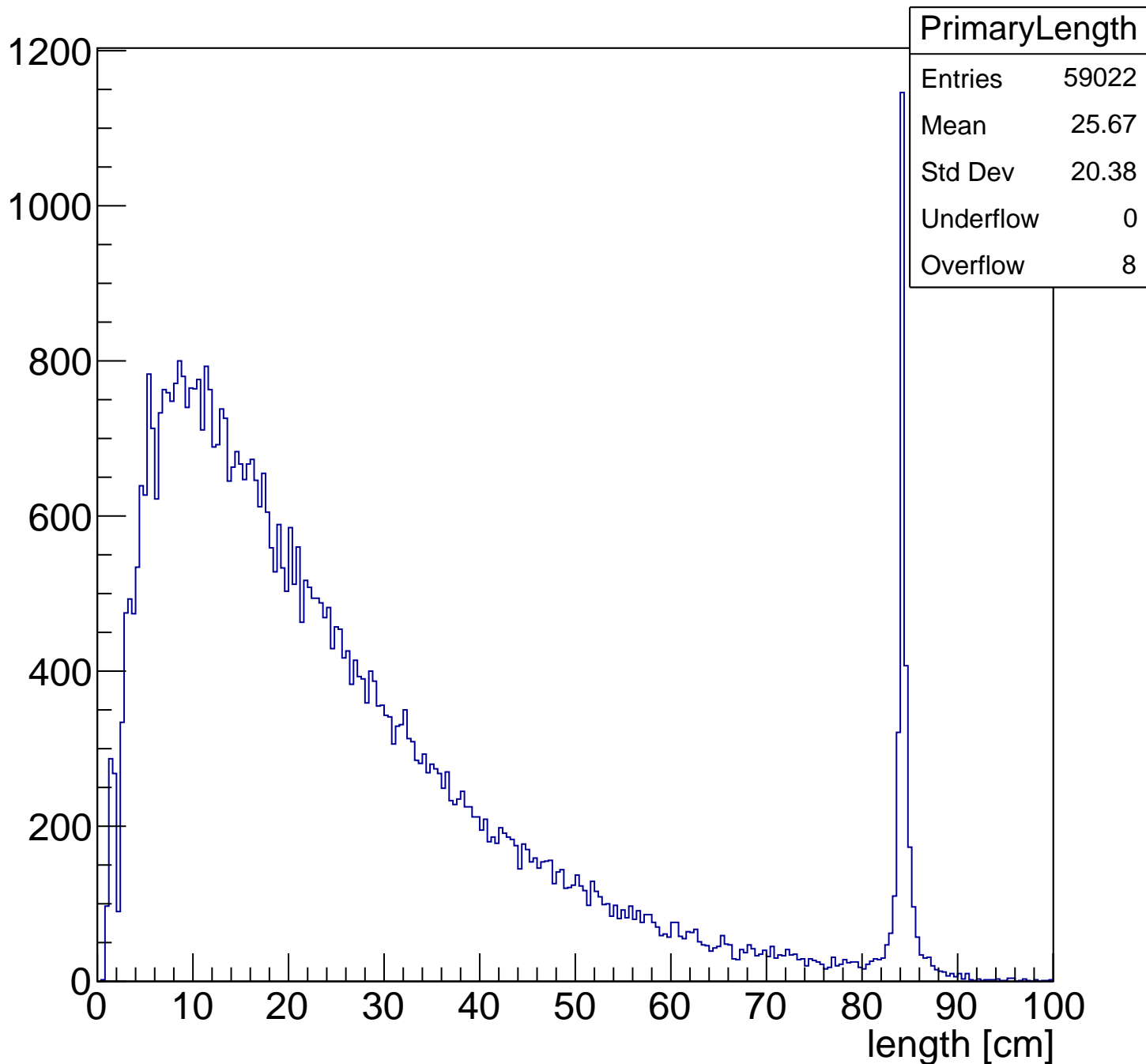
Selected track start in Z



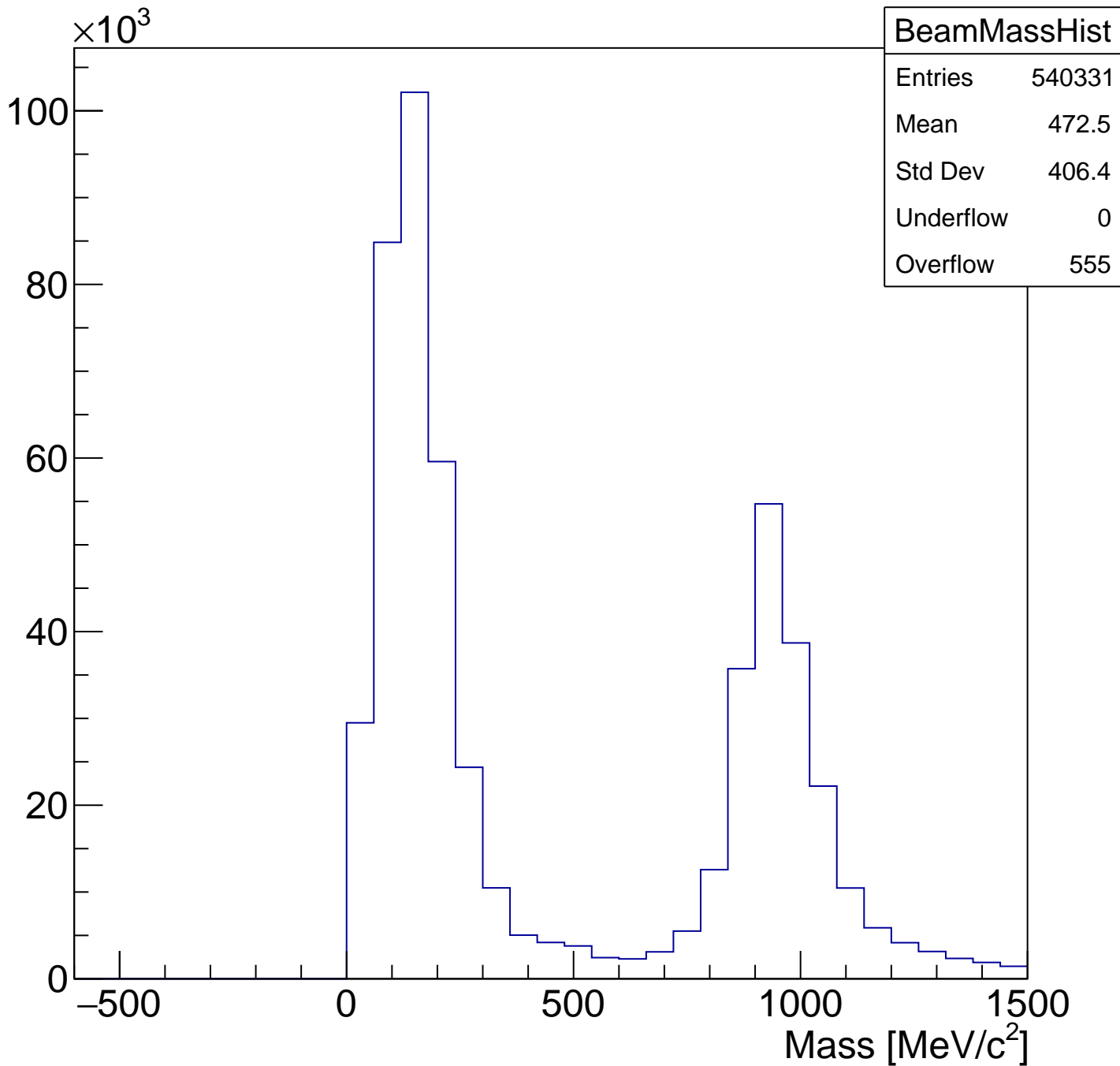
Selected Entering Track Length



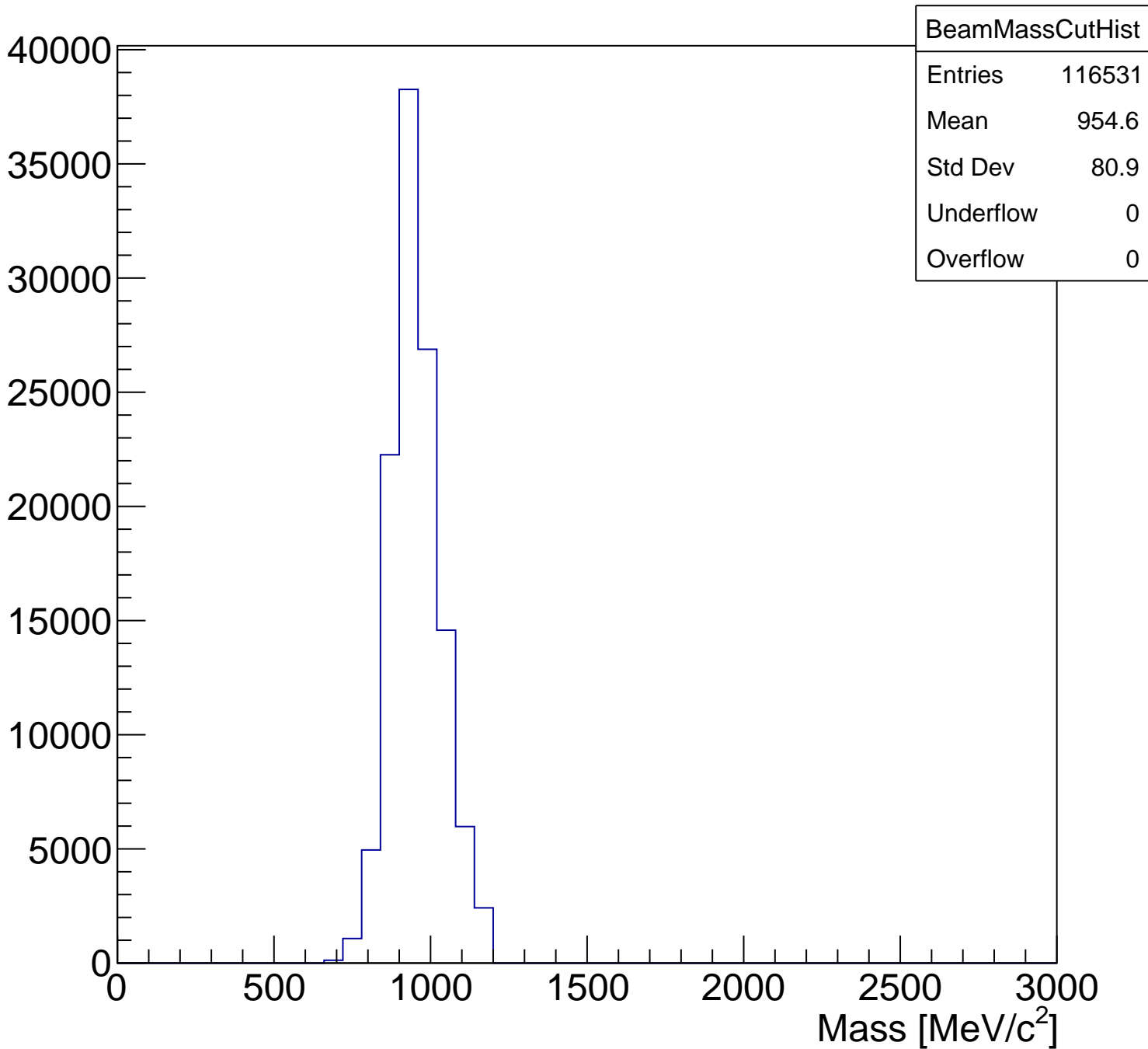
Selected Entering Track Length



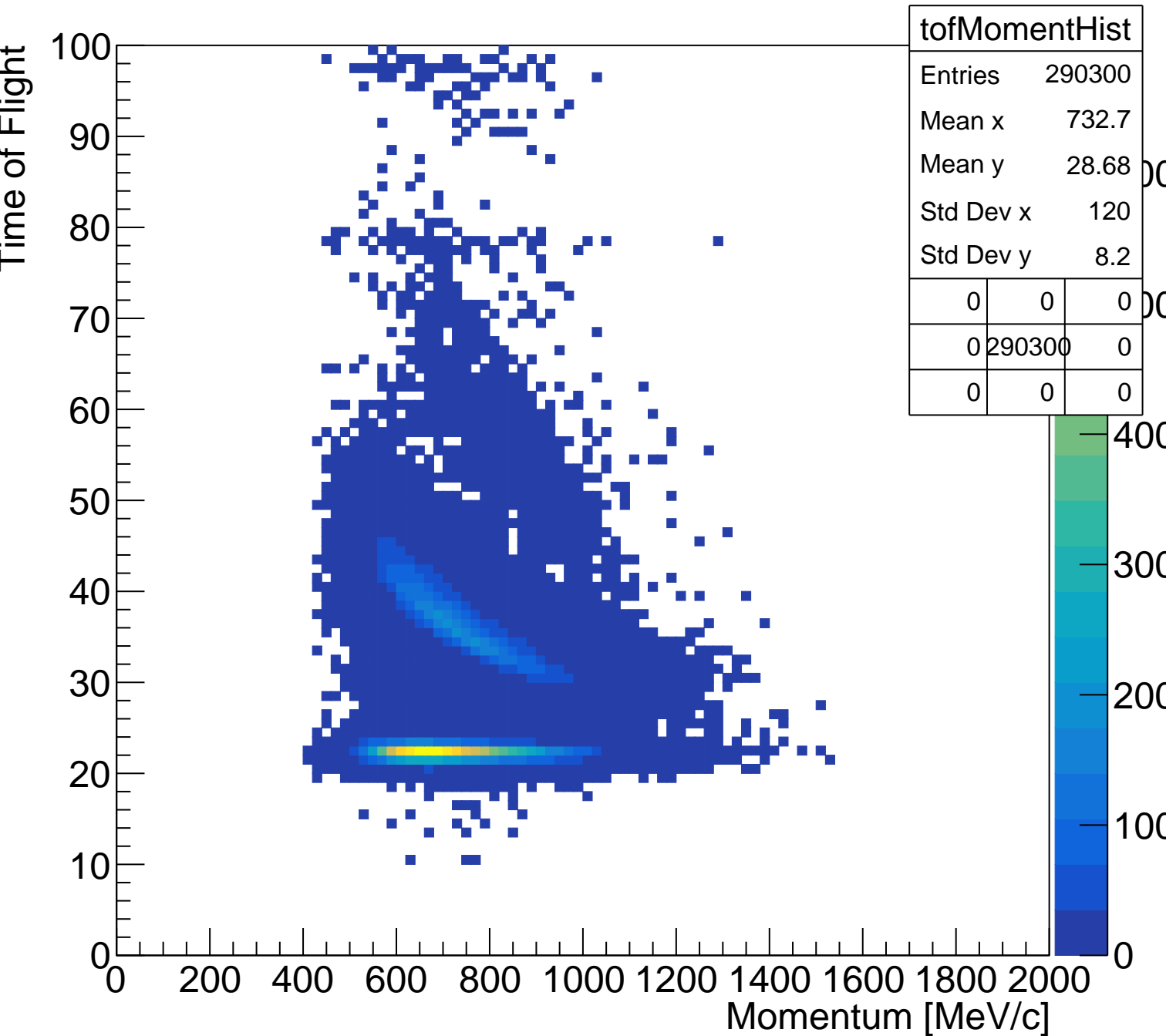
Beamline particle Mass



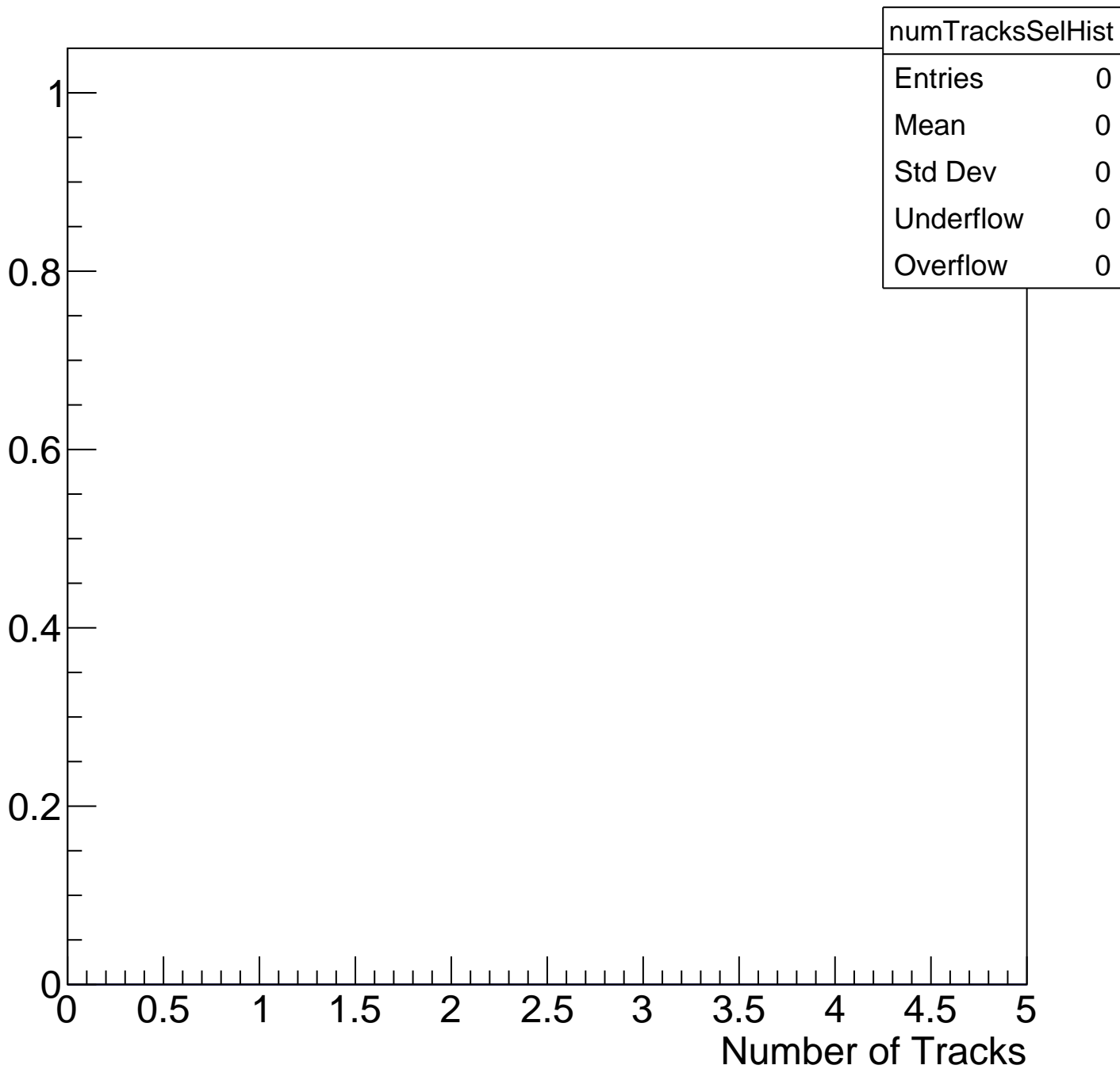
Beamline particle Mass - after Cut



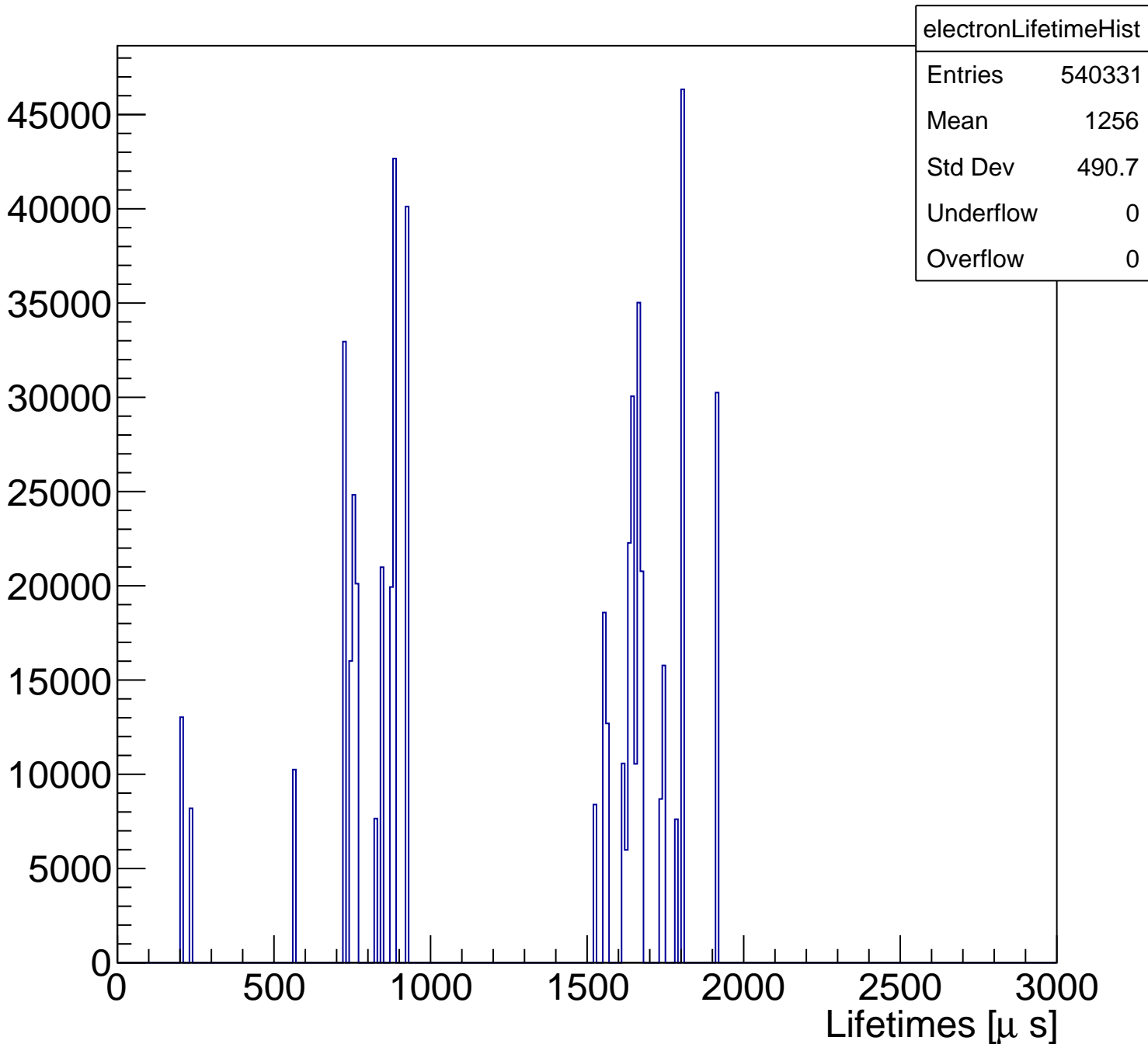
Momentum vs TOF



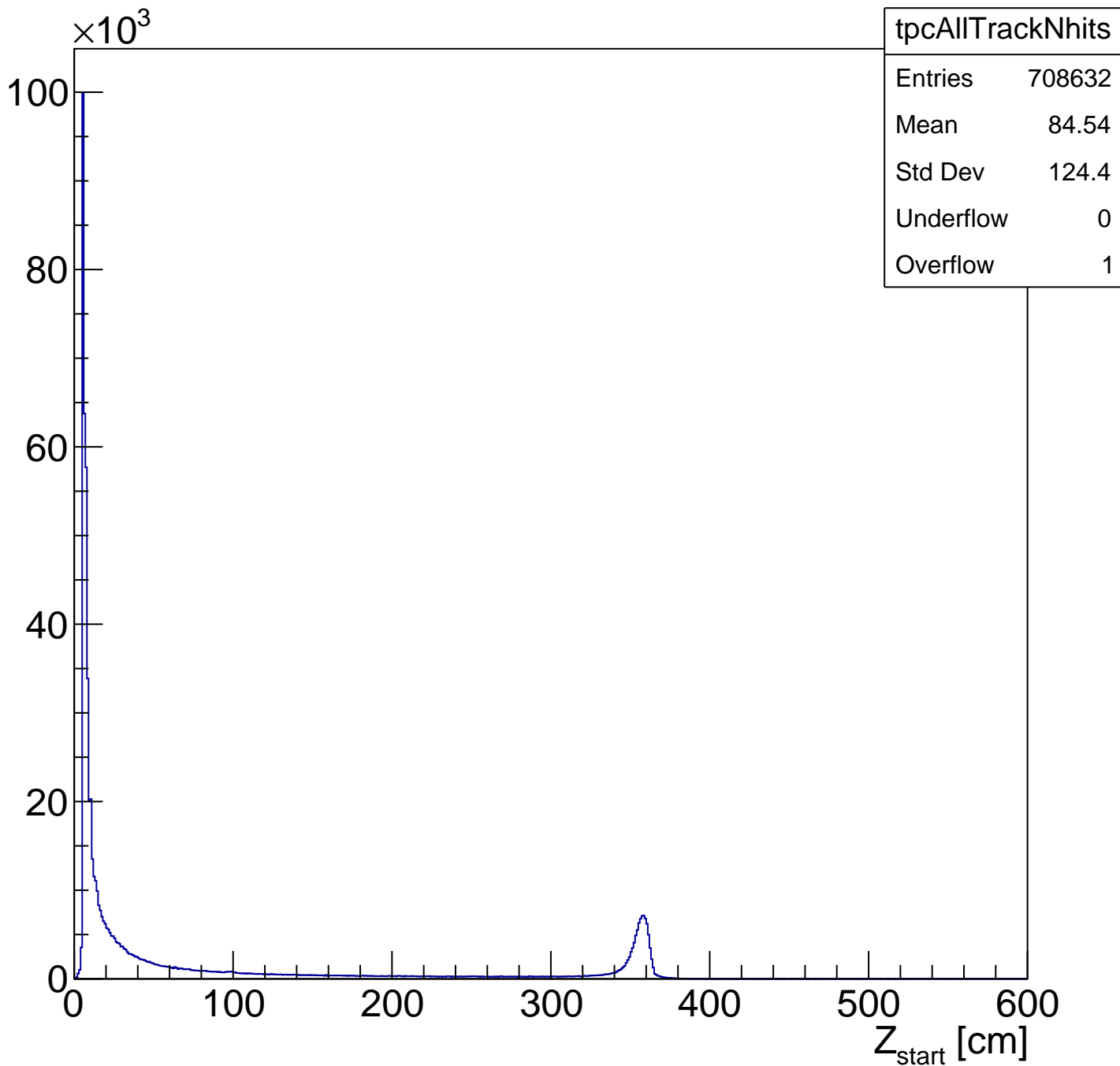
number of Entering Tracks - Selected Events



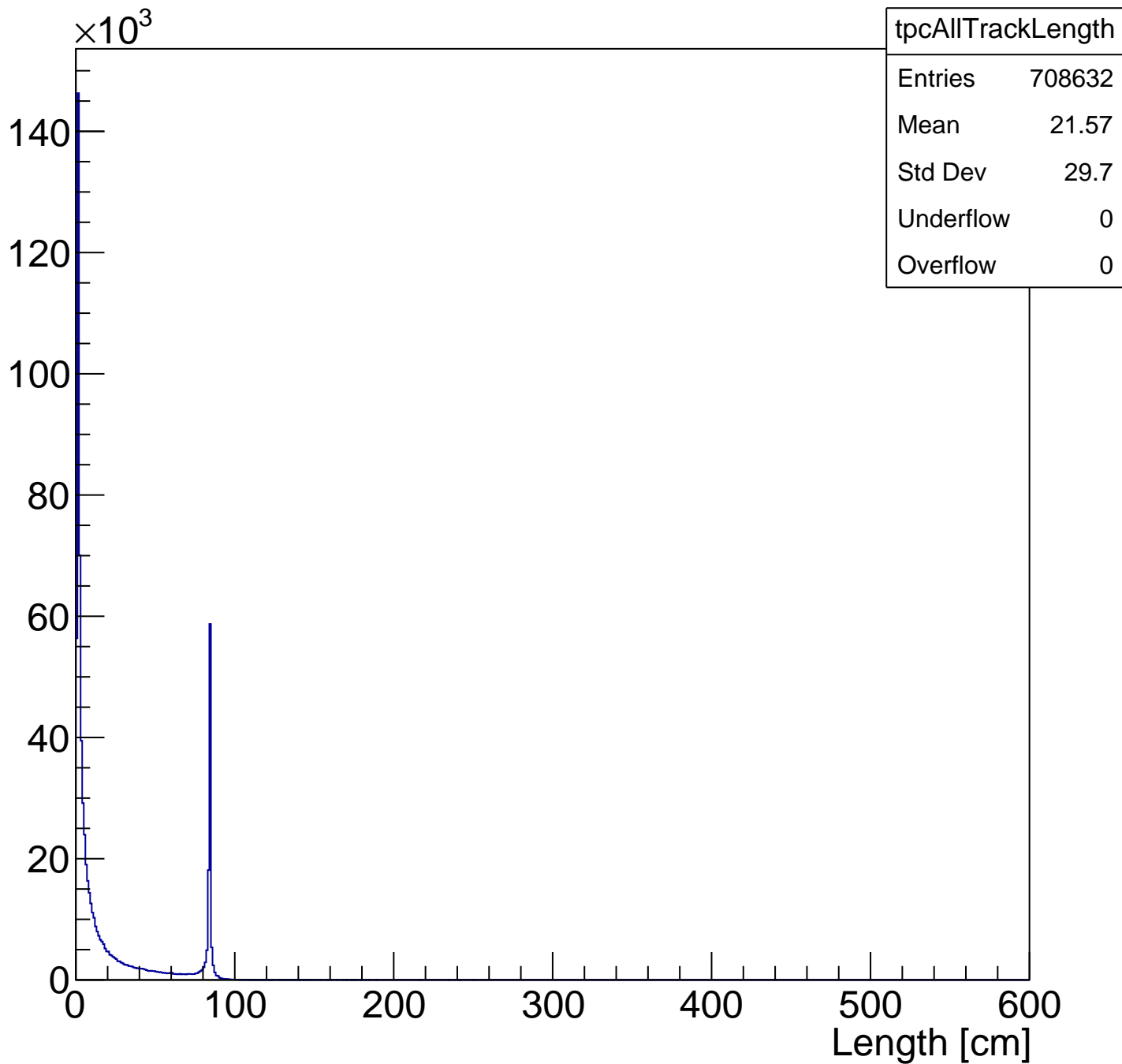
Electron Lifetimes



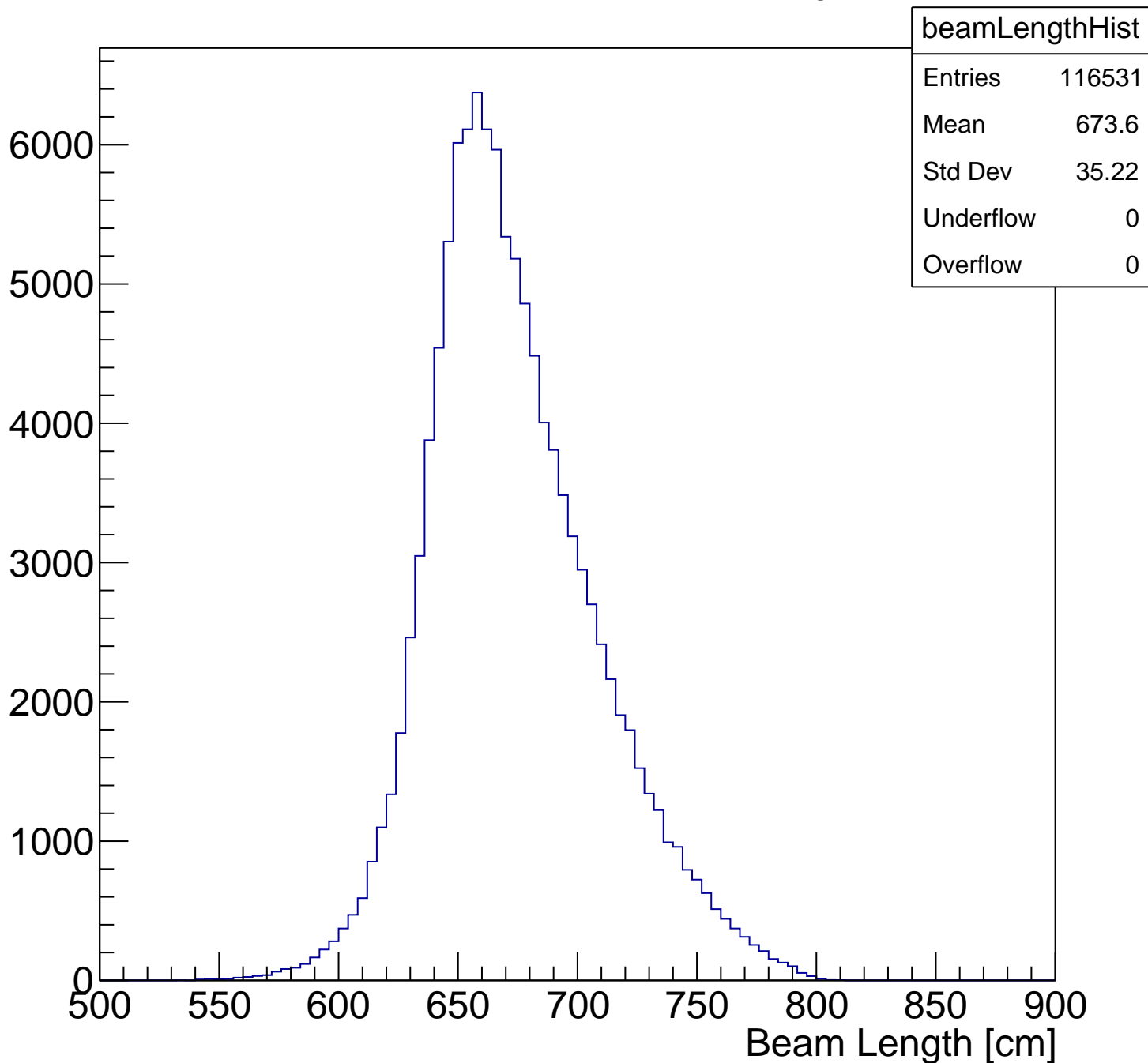
Number of Hits per Track



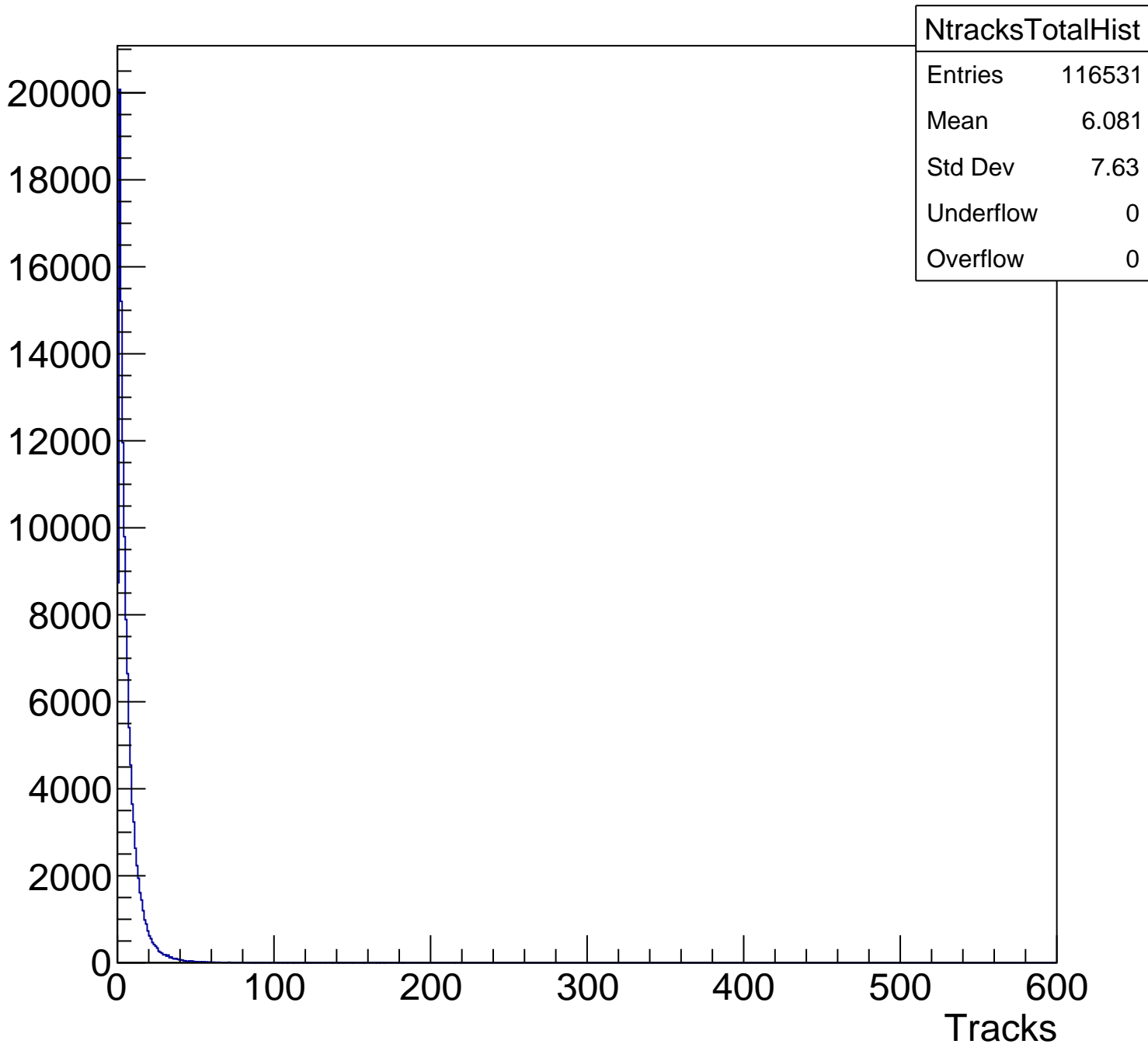
Length of All Tracks



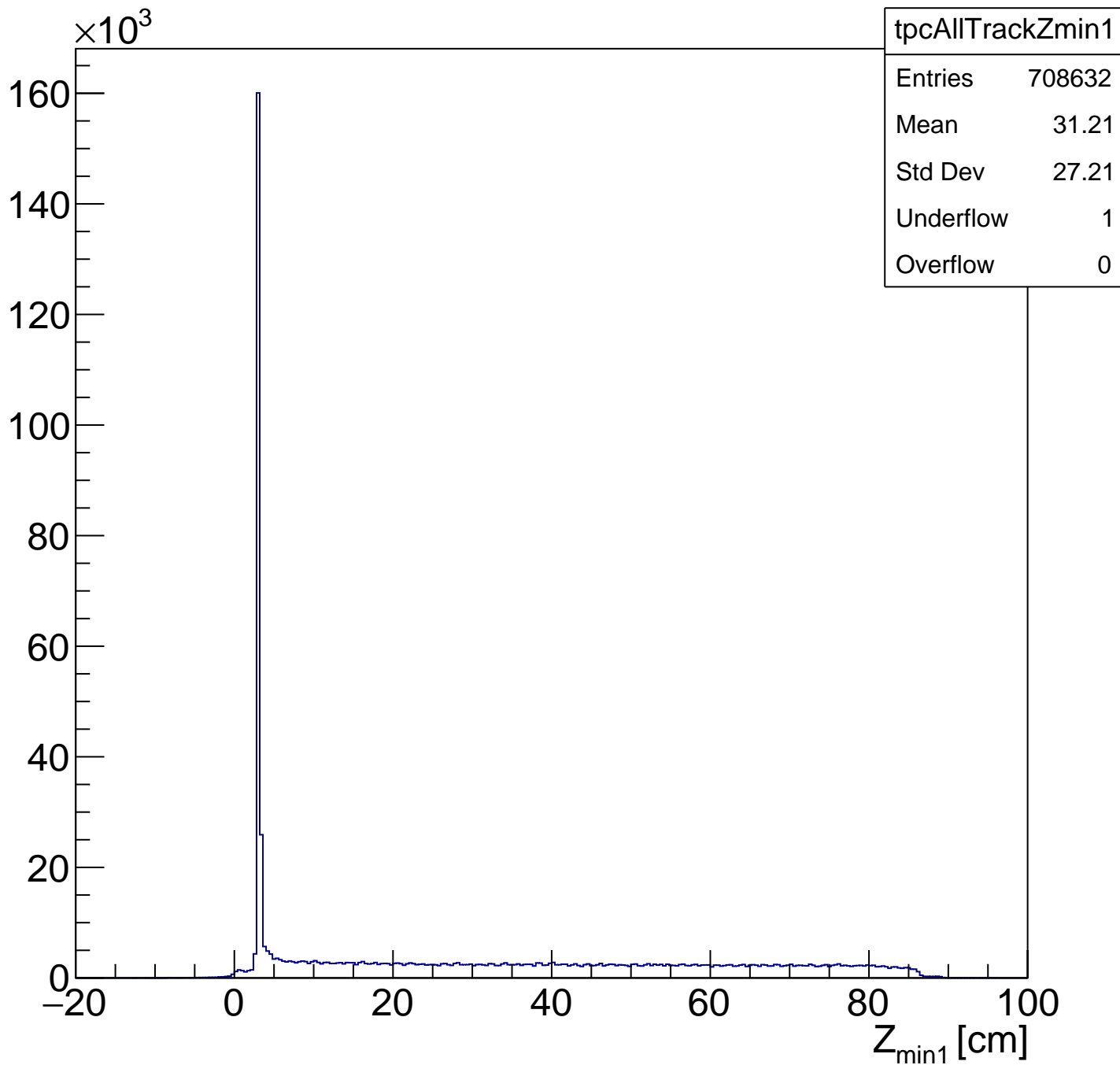
Calculated beam Length



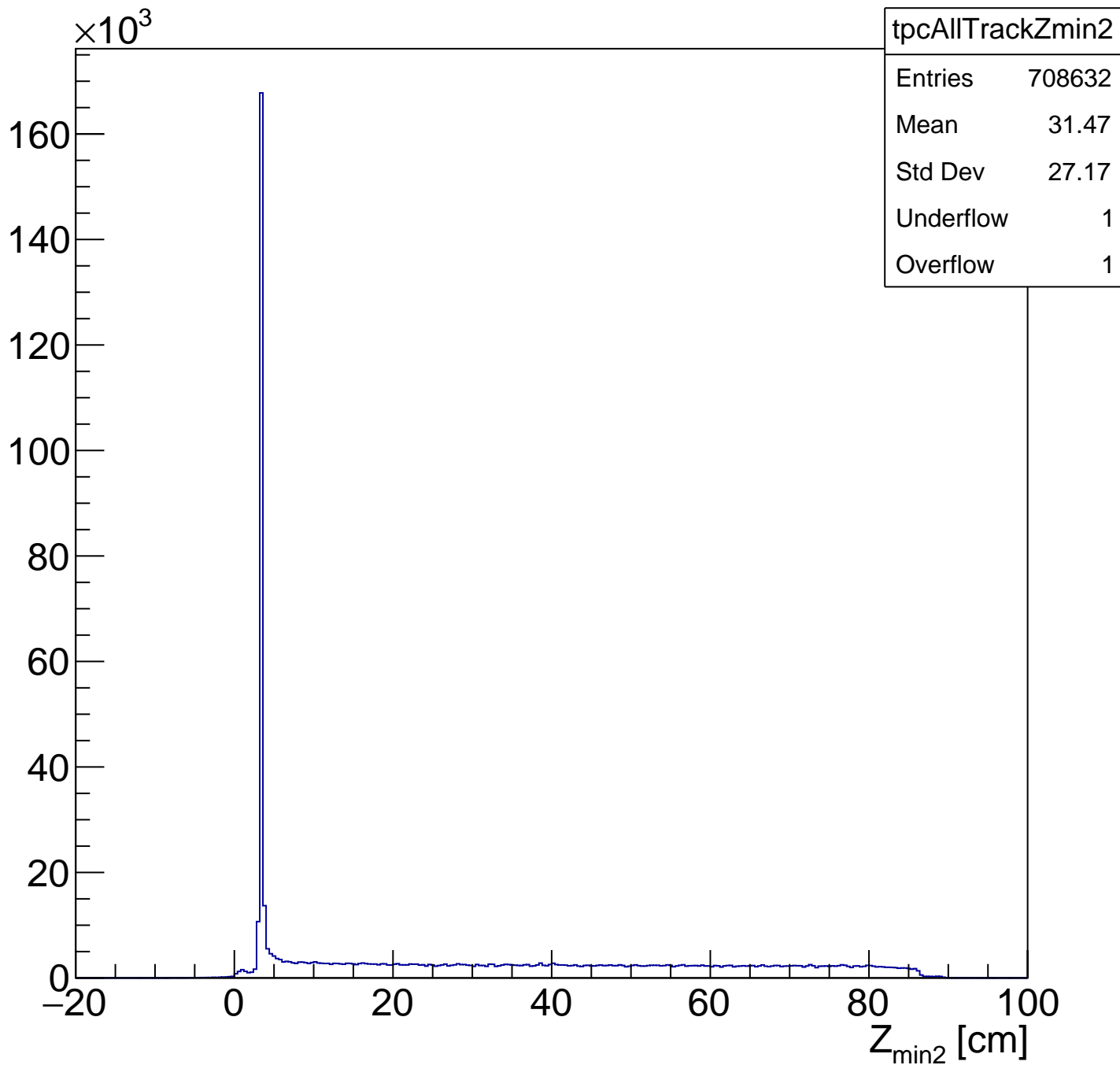
Number of Tracks per event



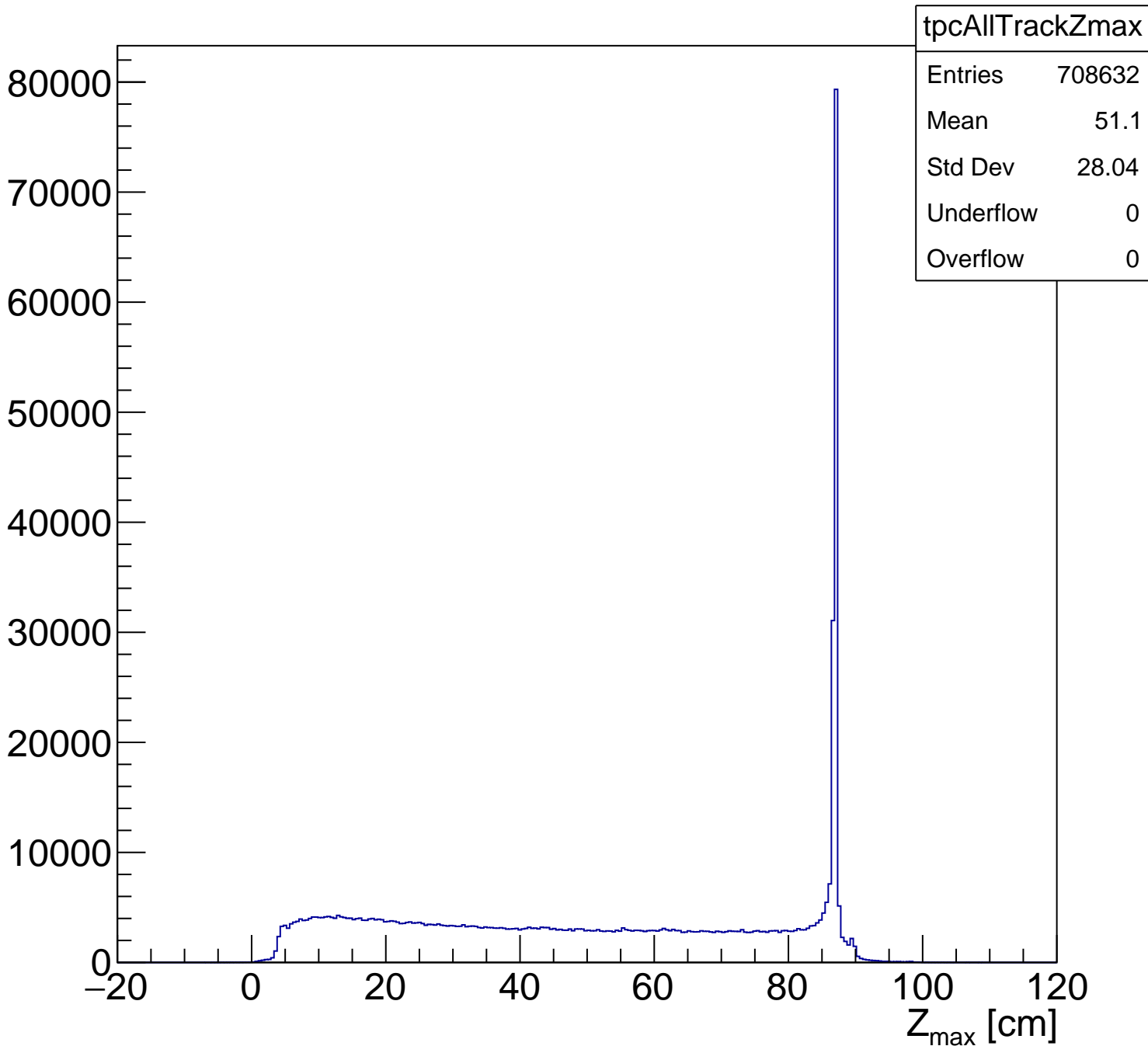
Position of TPC track start in Z



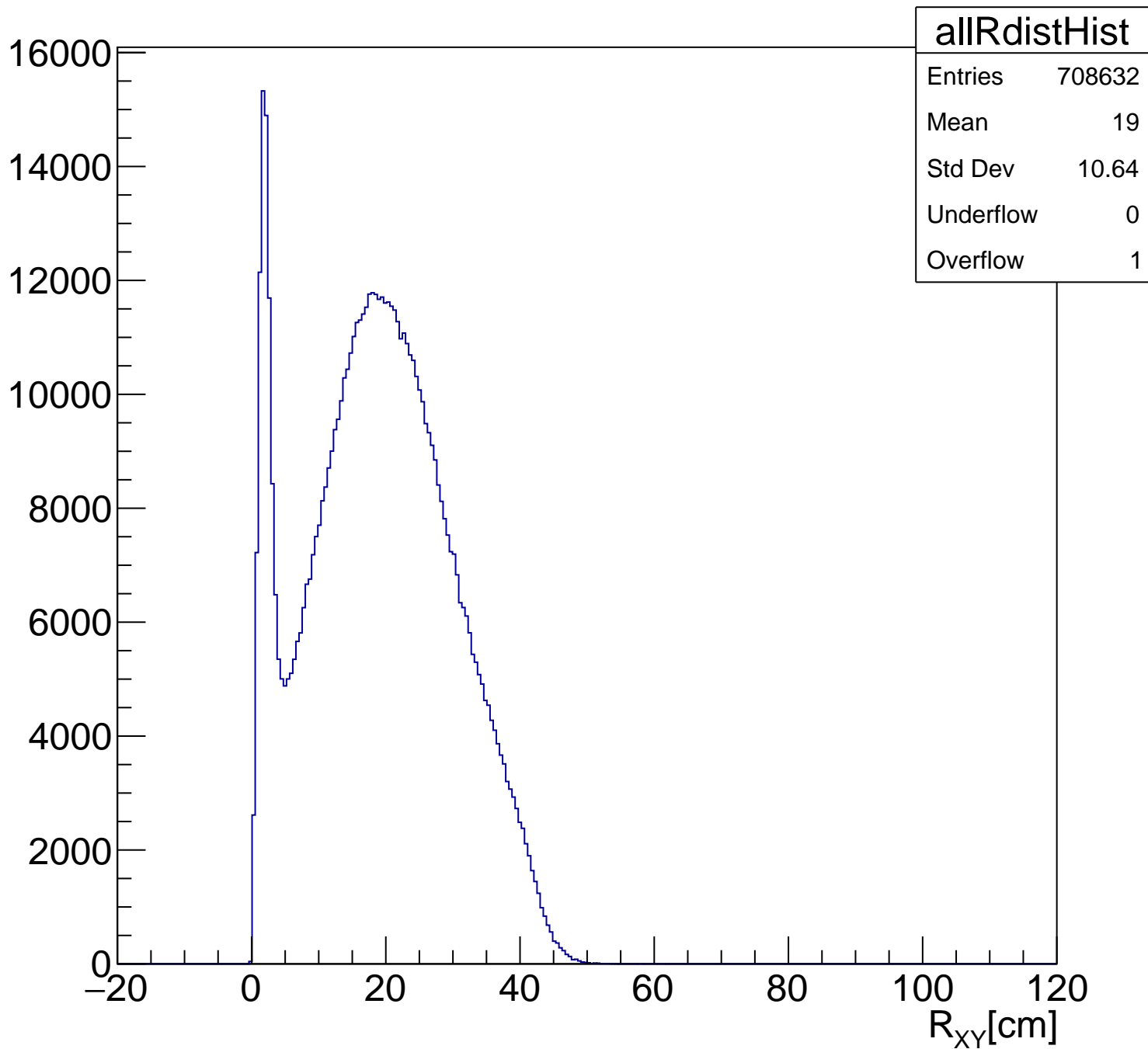
Position of TPC track start in Z



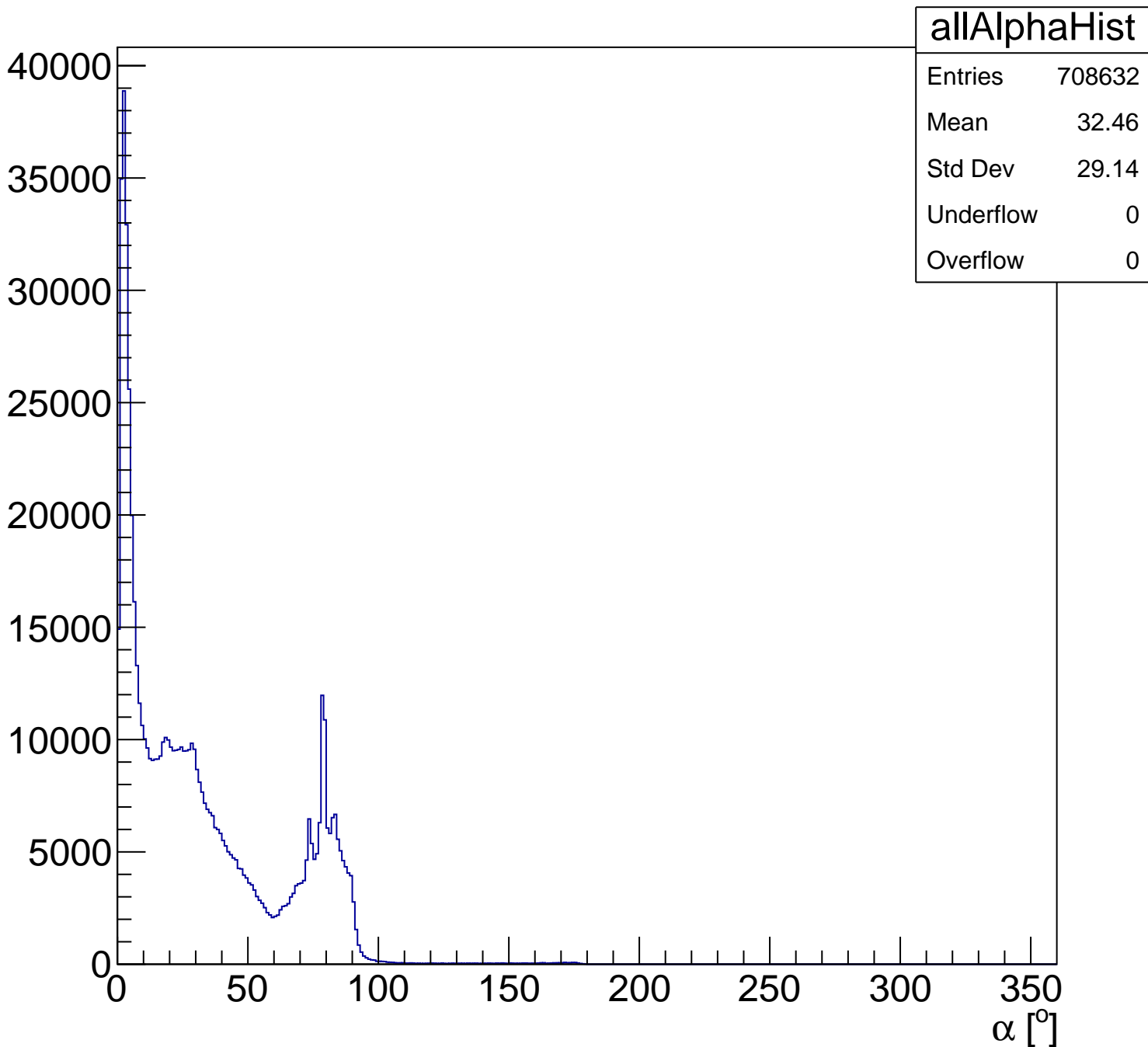
Position of TPC track end in Z



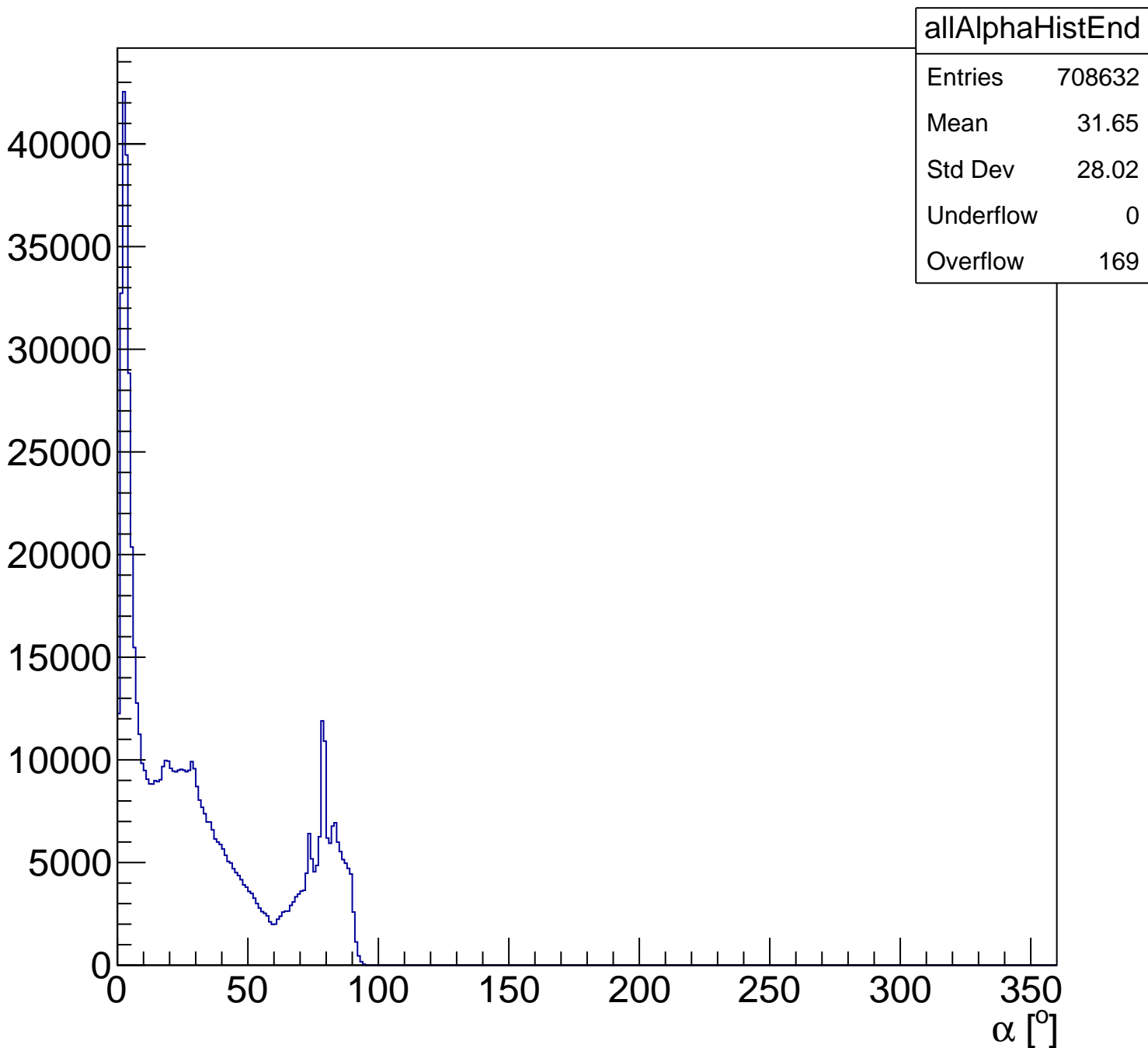
Position of TPC track in $\Delta X \Delta Y$



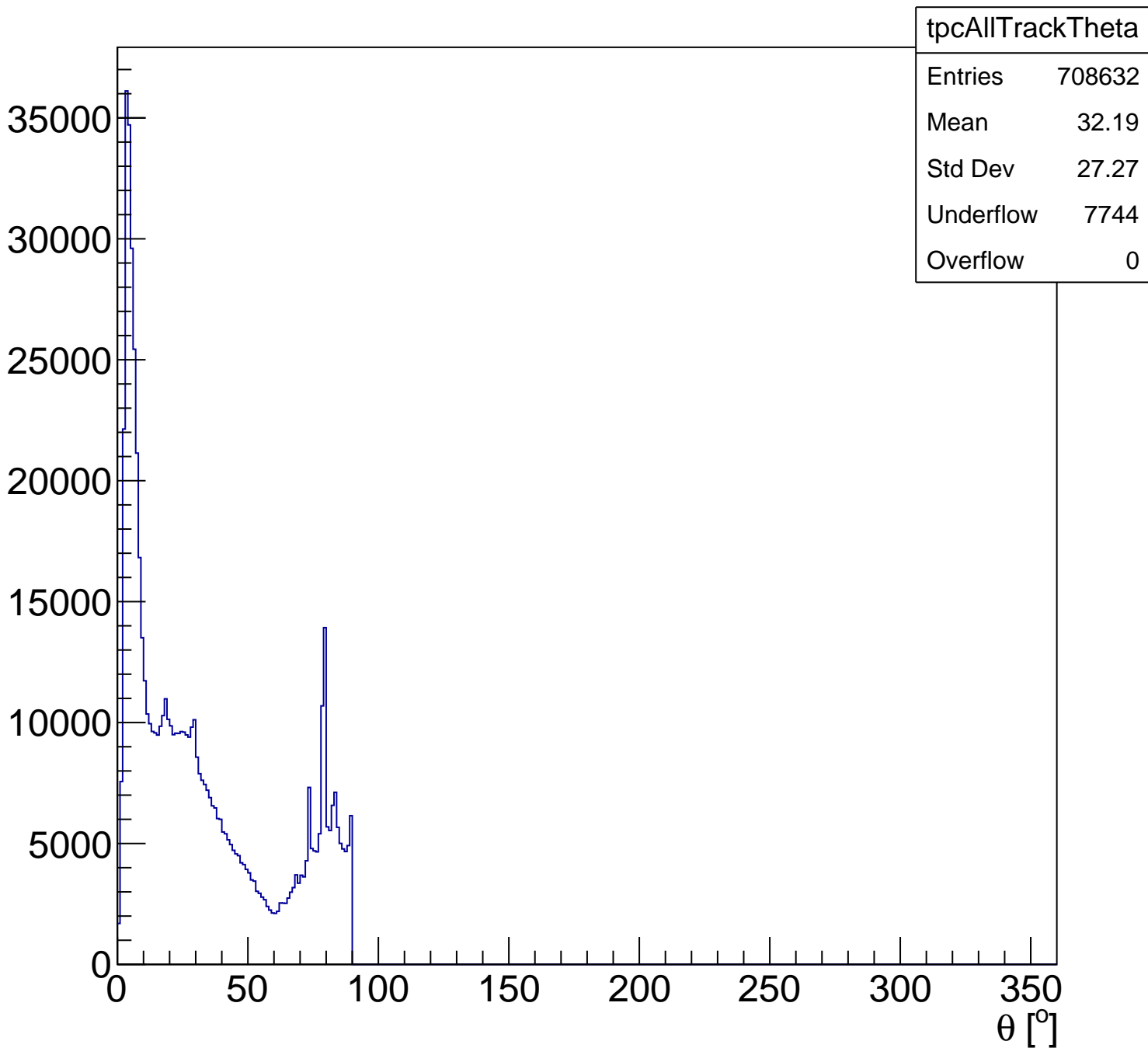
Angle between WC and TPC track



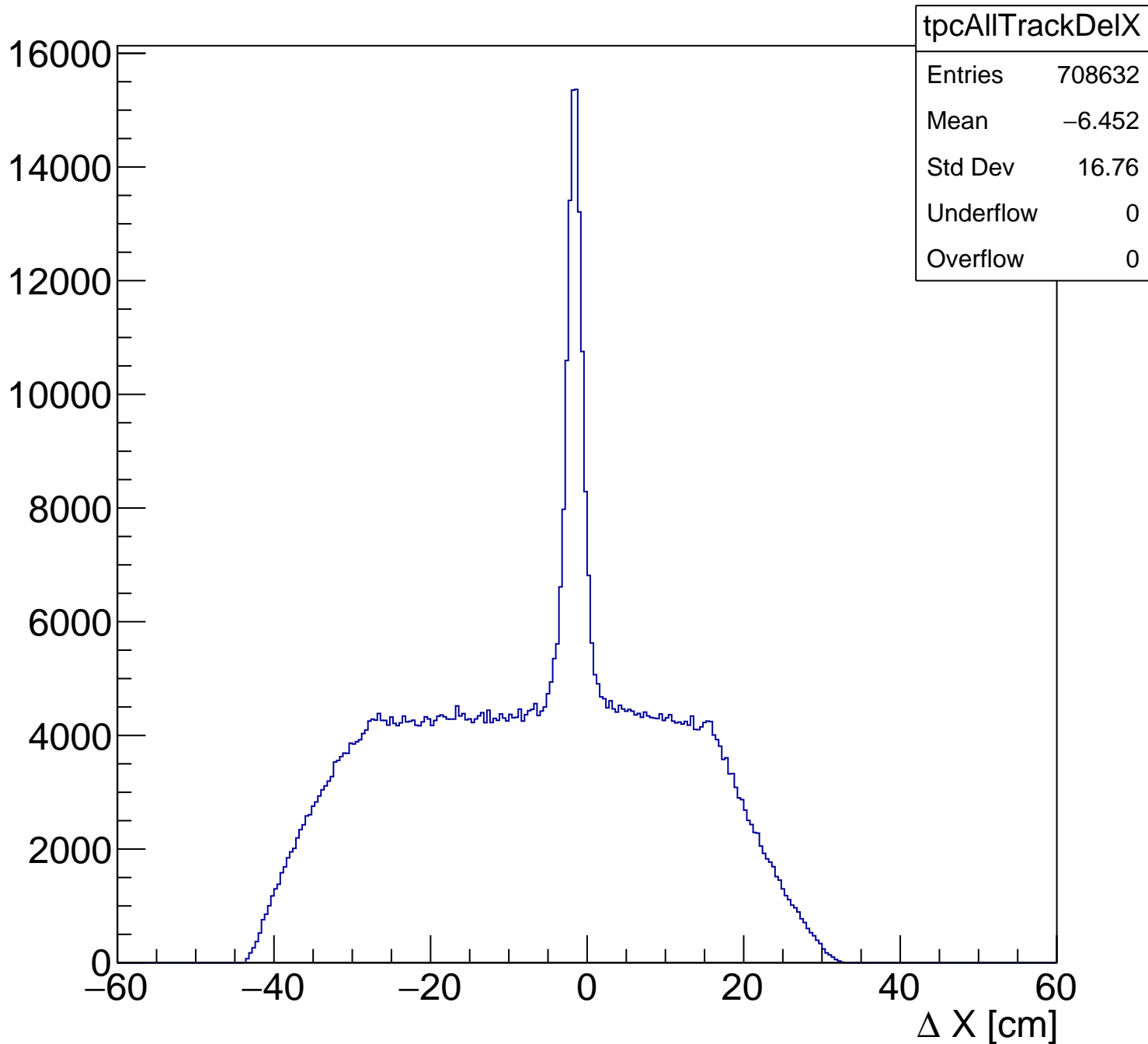
Angle between WC and TPC track - Using End Point



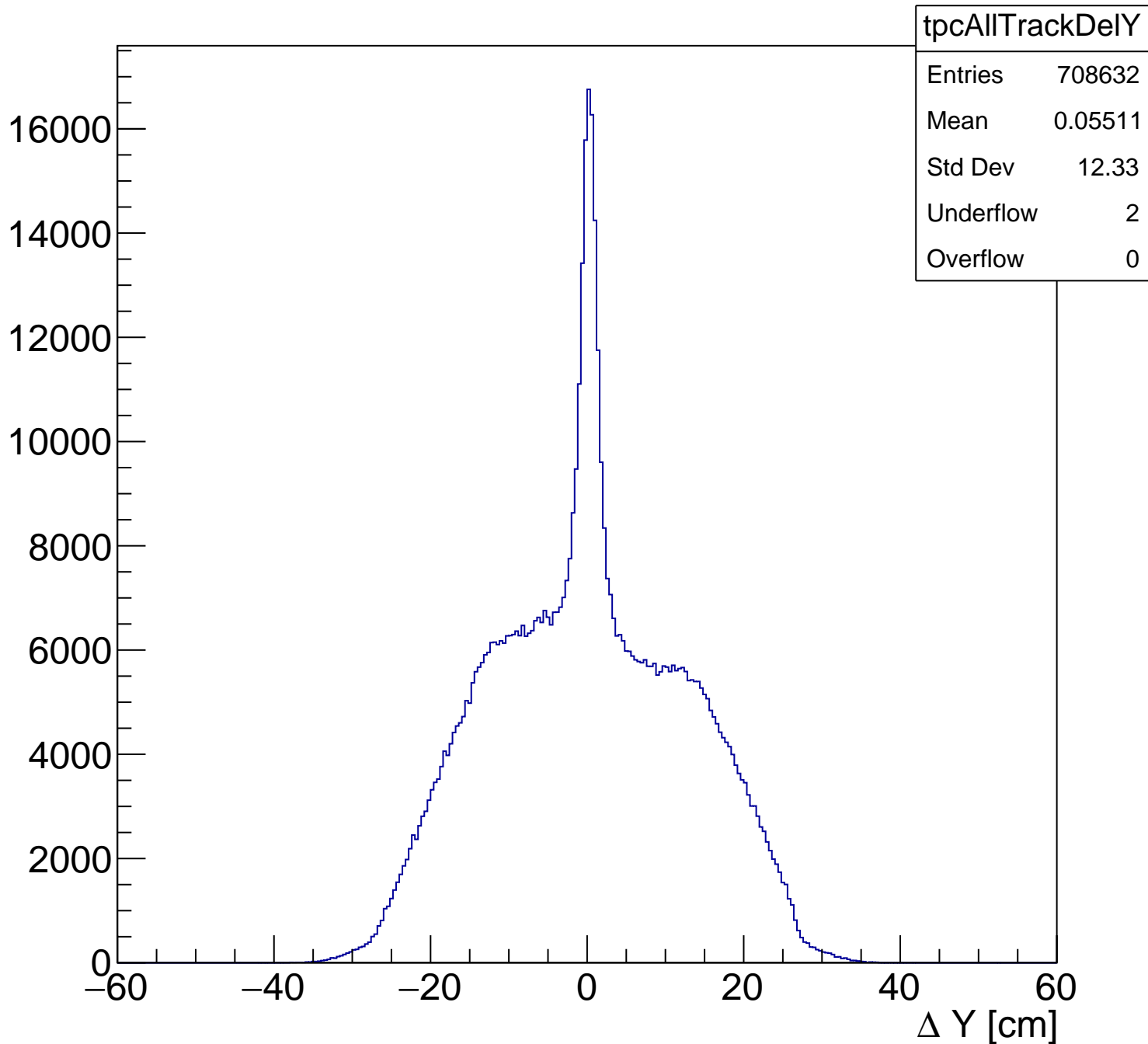
Θ angle with Z axis



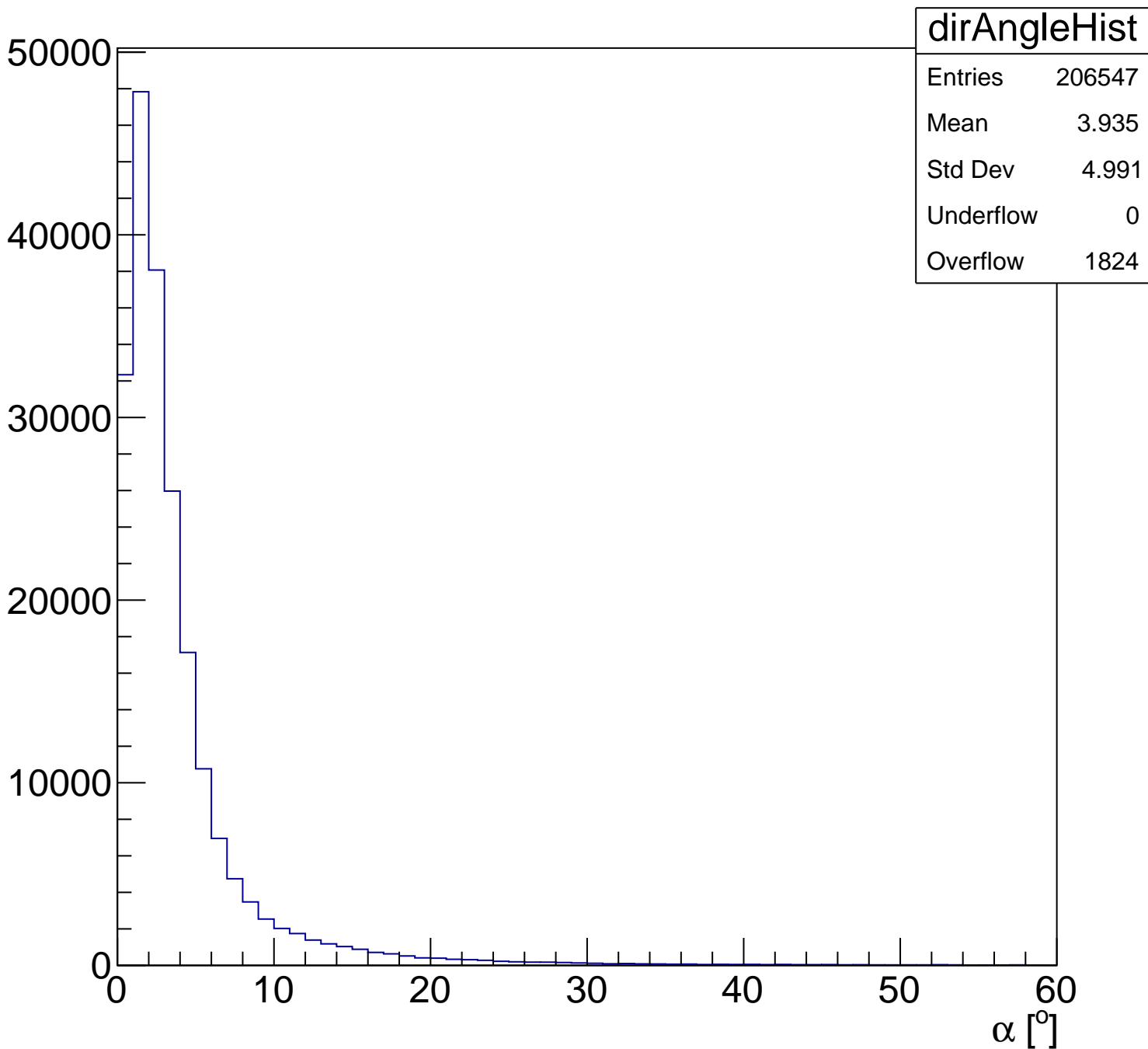
ΔX For All Tracks



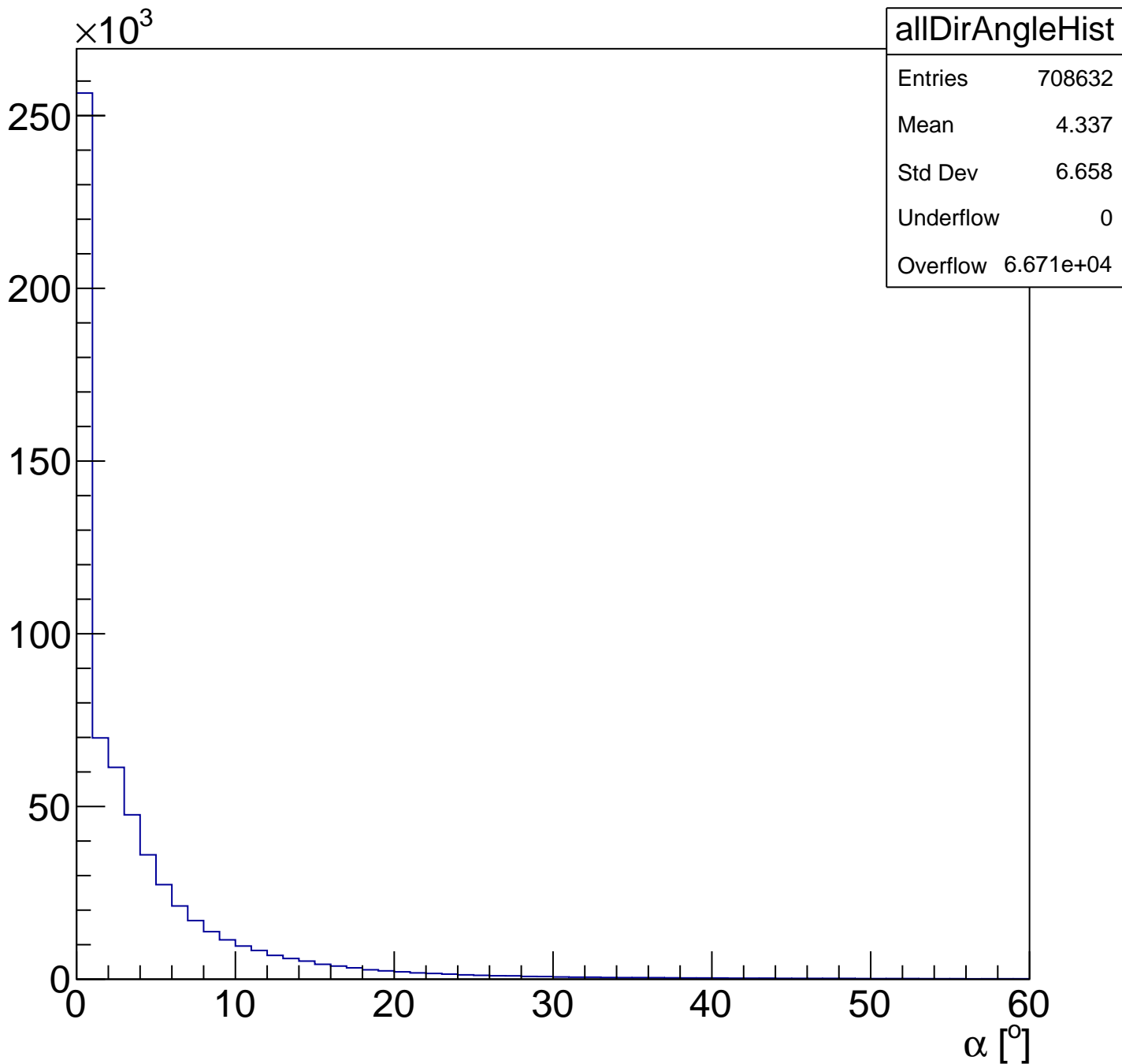
ΔY For All Tracks



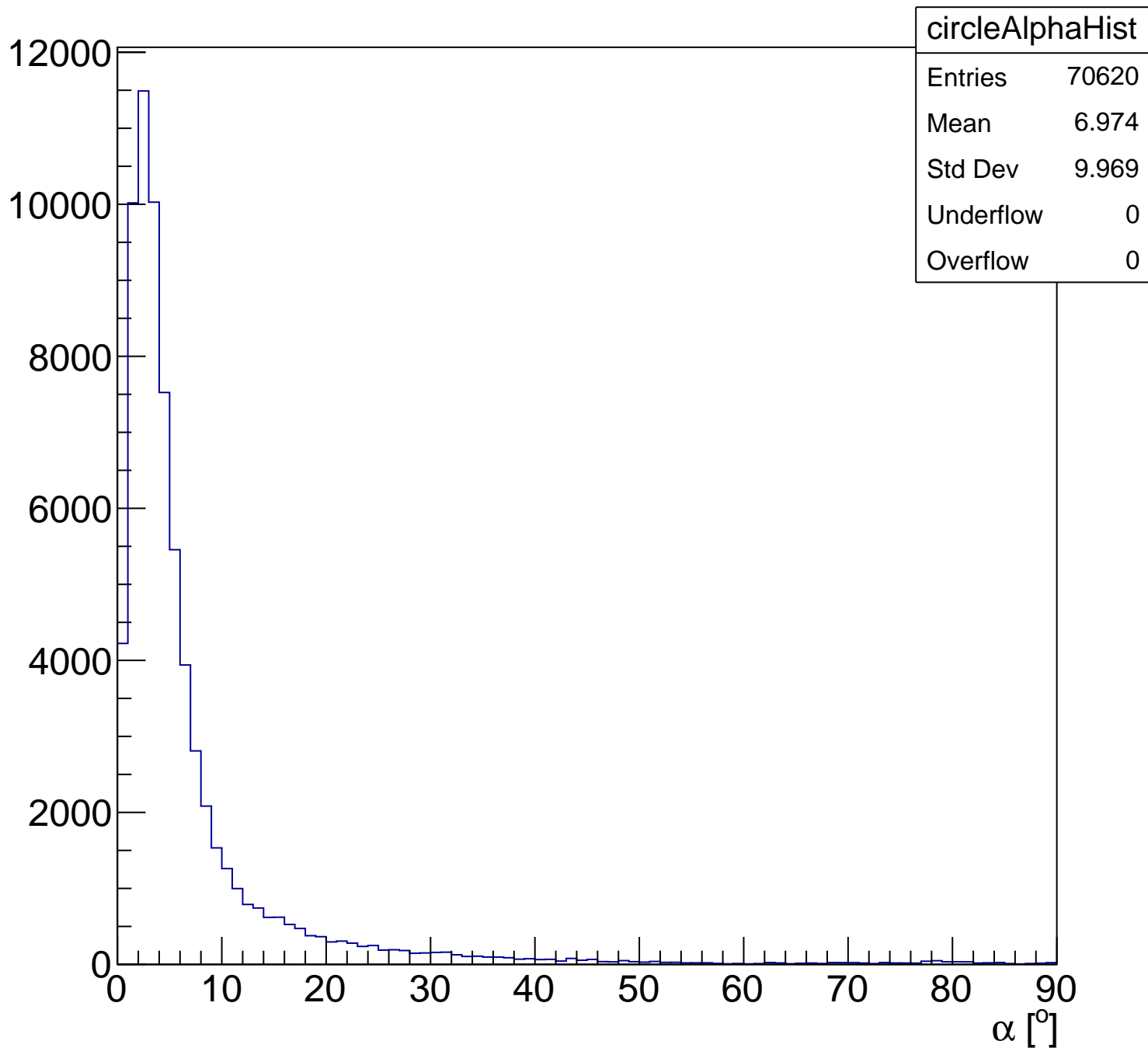
Angle between direction vectors - entering tracks



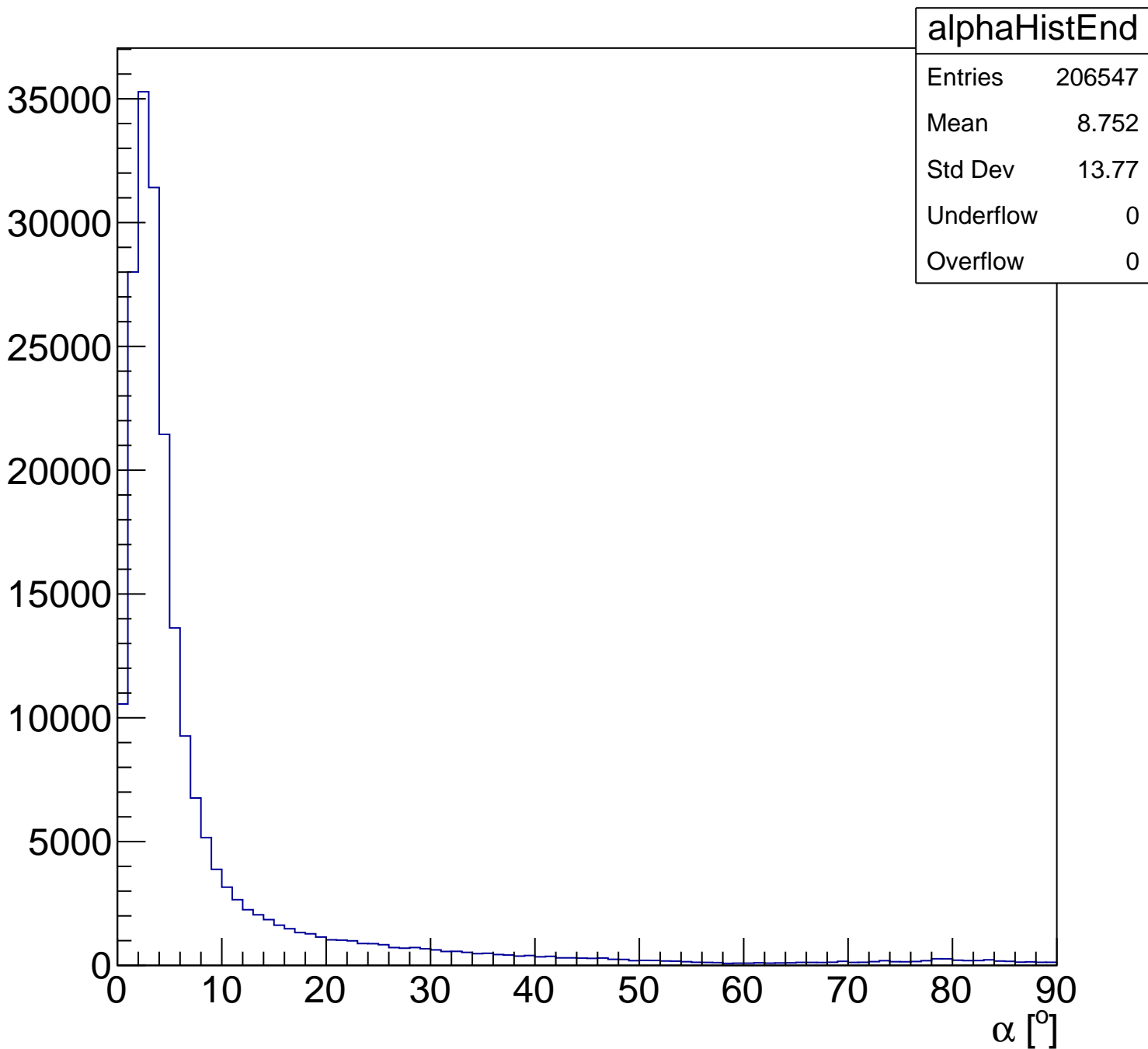
Angle between direction vectors - entering tracks



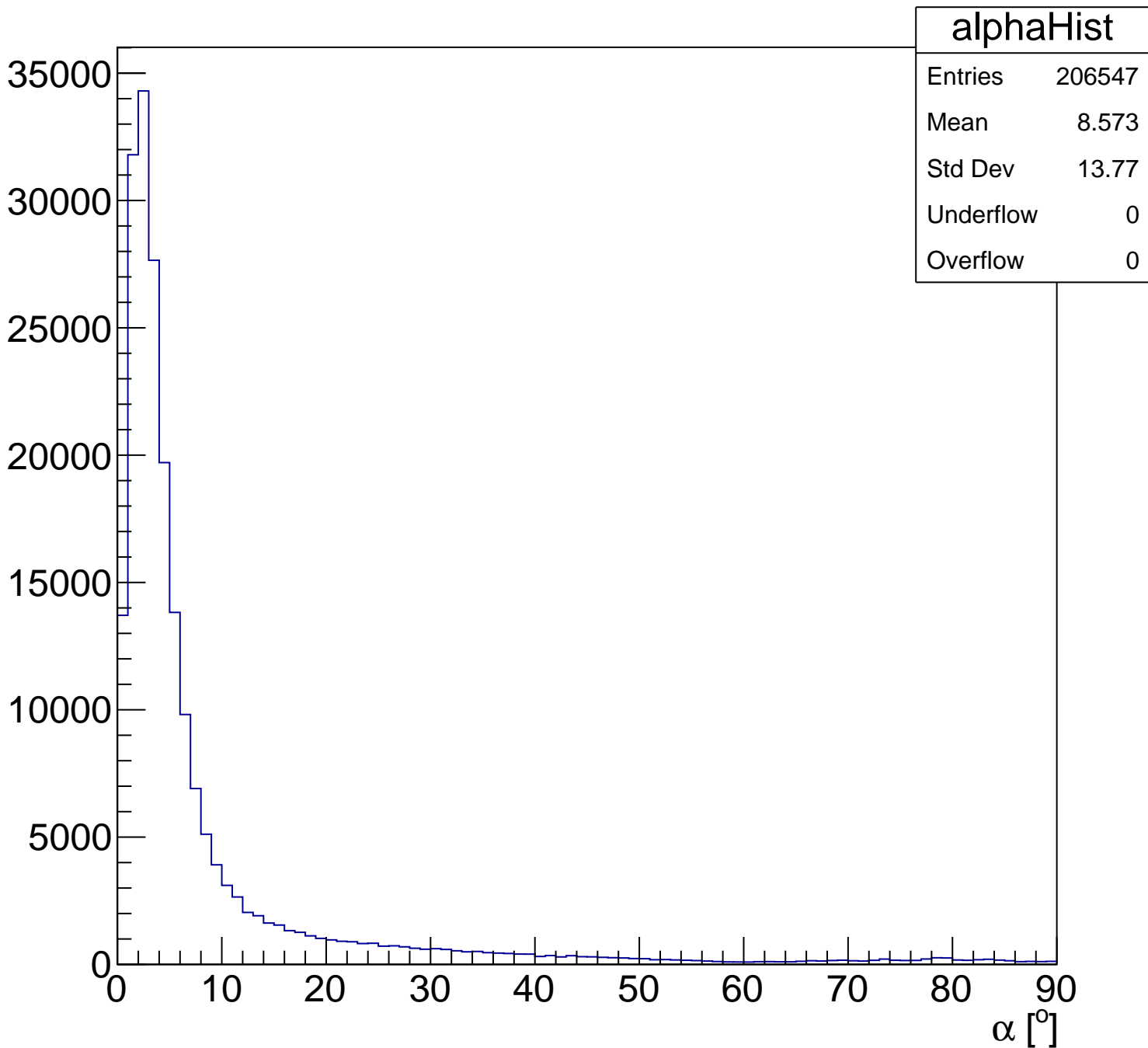
Angle between WC and TPC track - Tracks Within Circle Cut



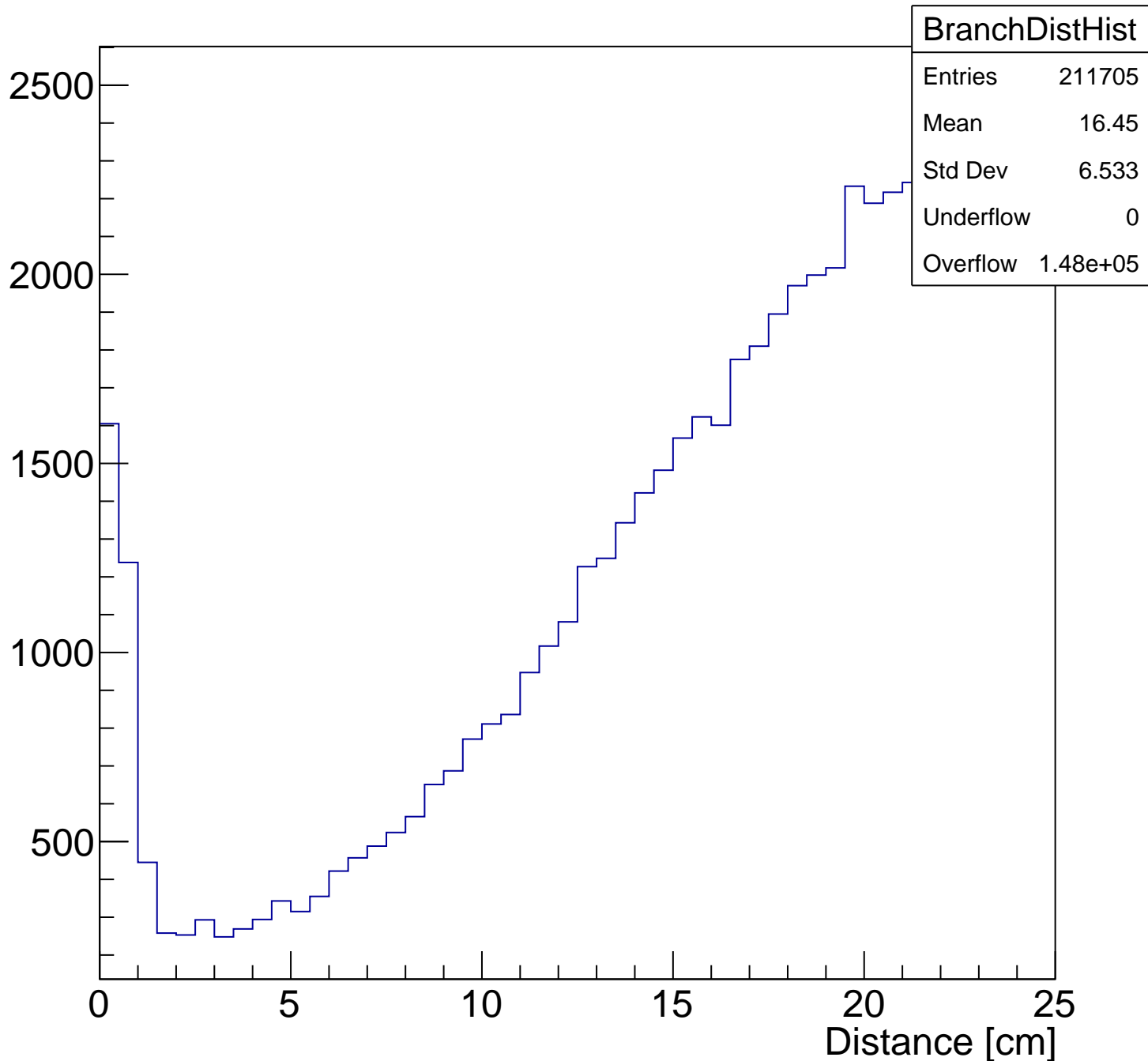
Angle between WC and TPC entering track - Using End Point



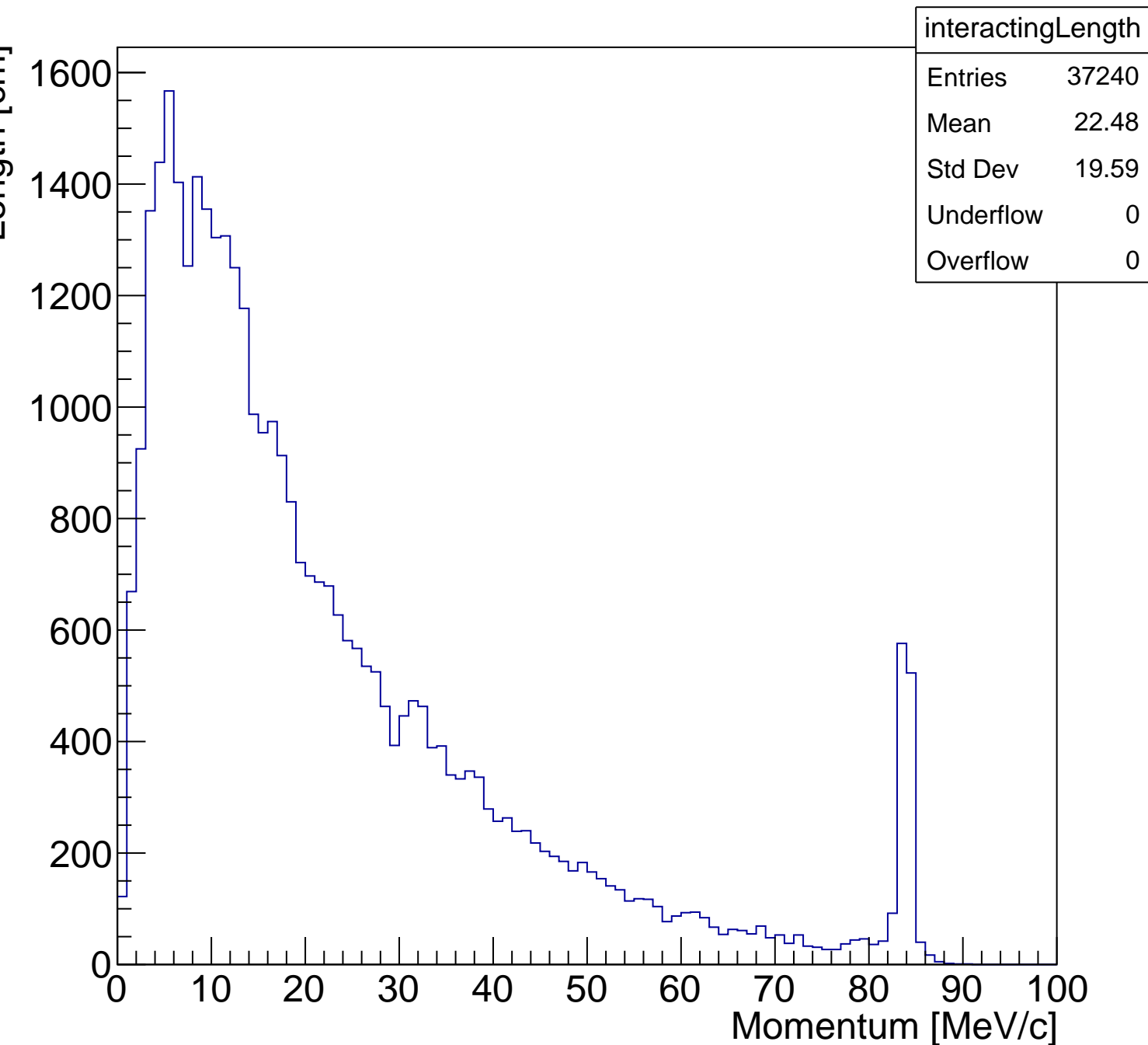
Angle between WC and TPC track



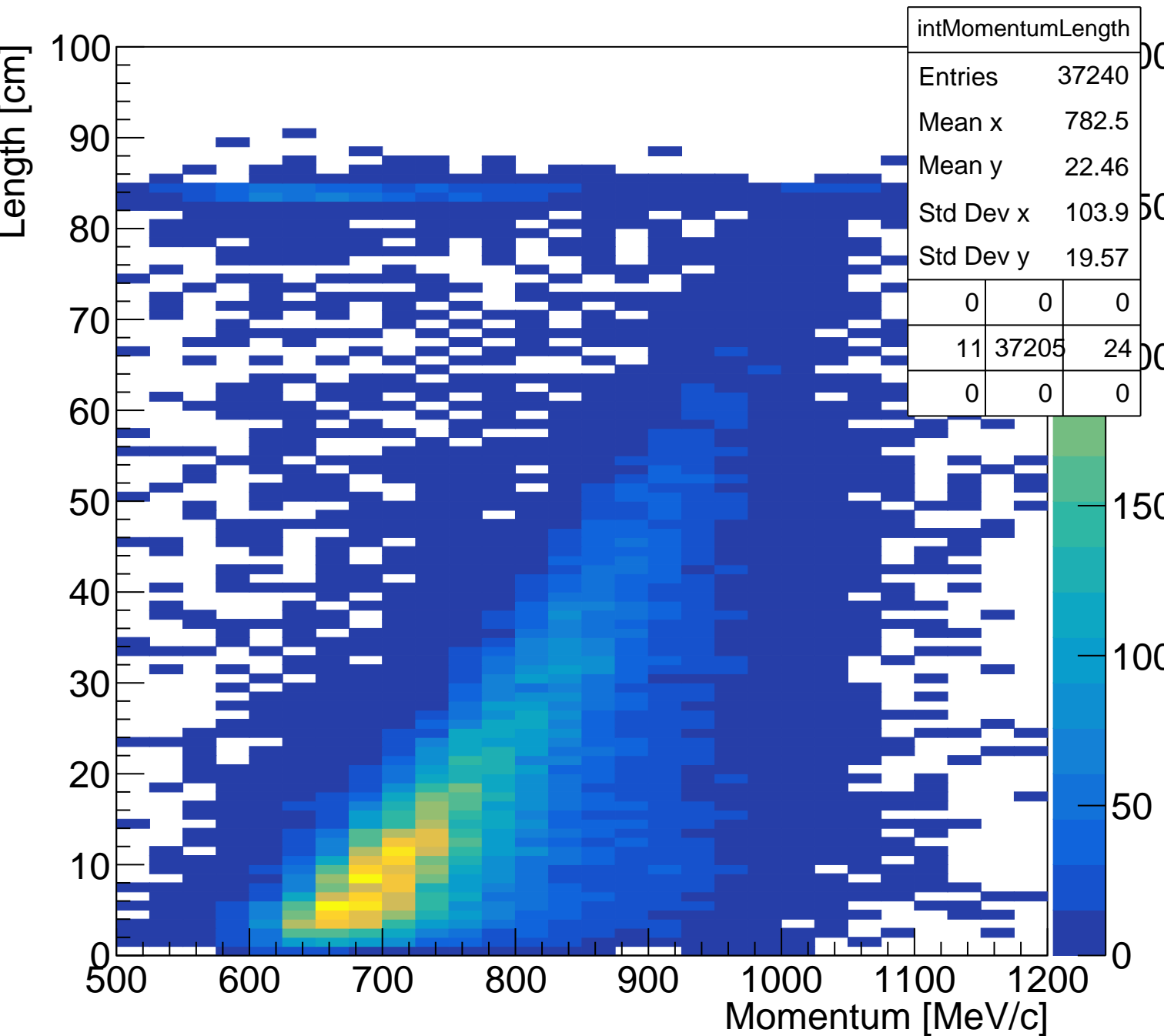
Inelastic Event Branch Distance



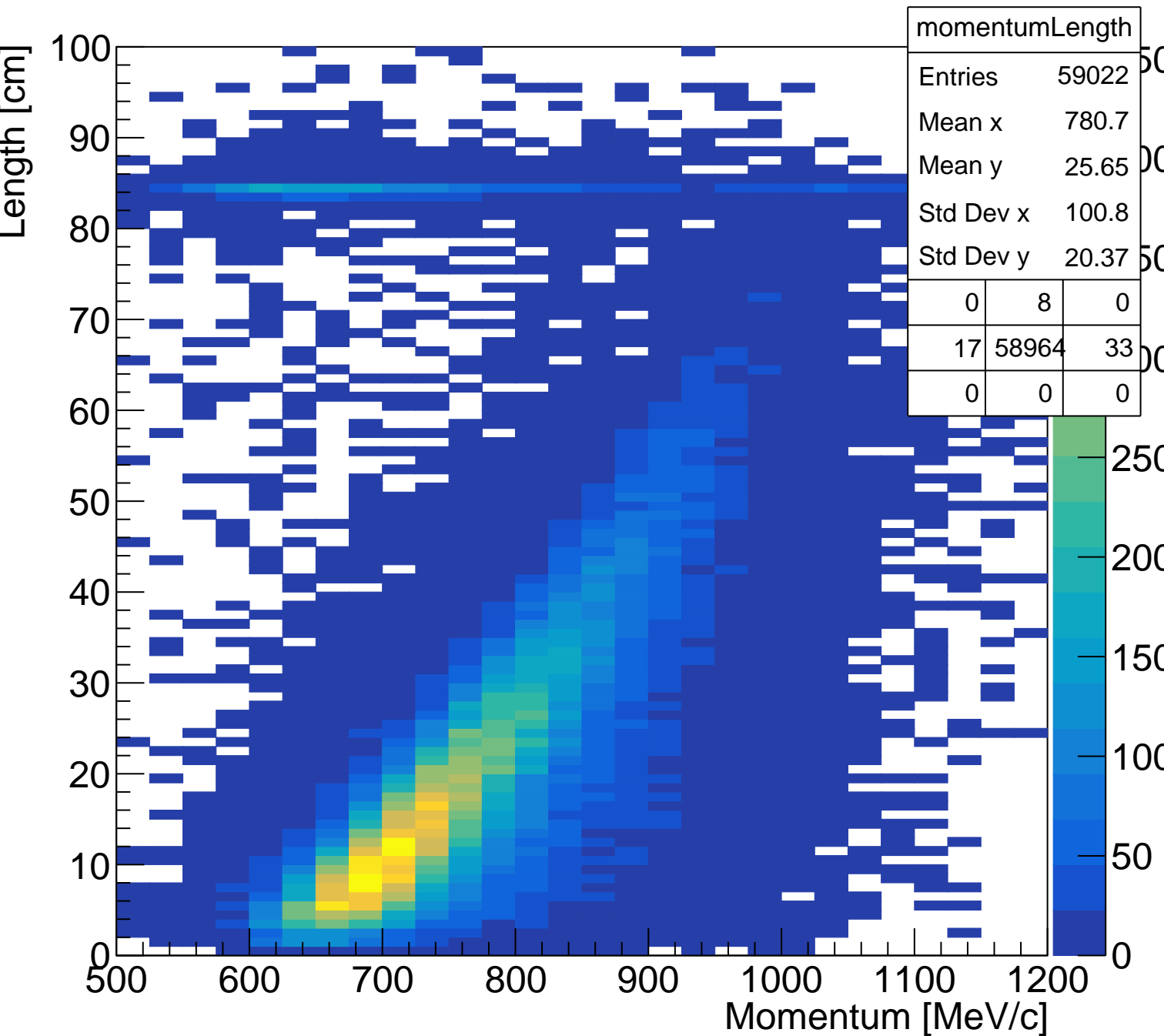
Interacting Primary Length



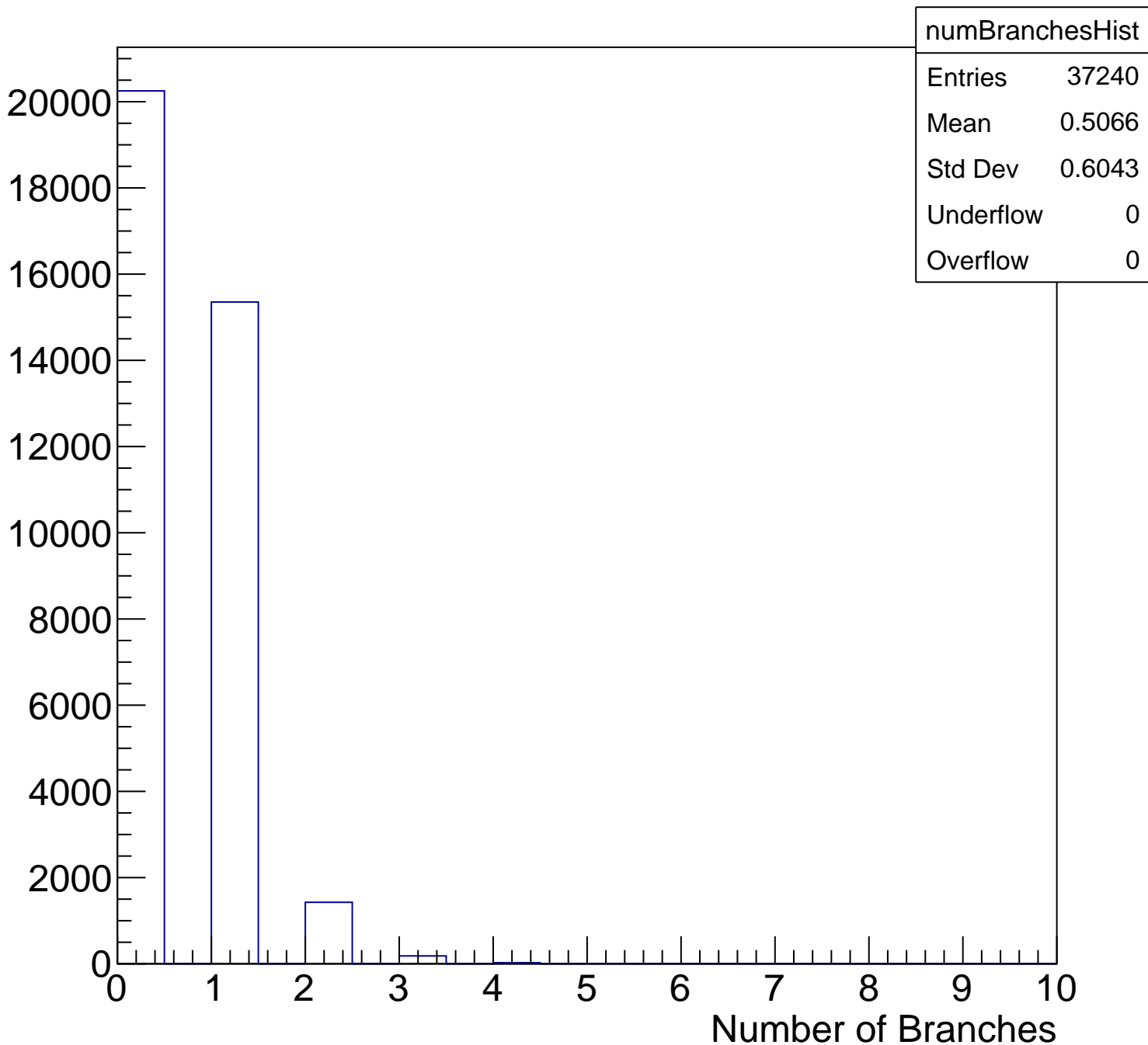
Momentum vs Interacting Length



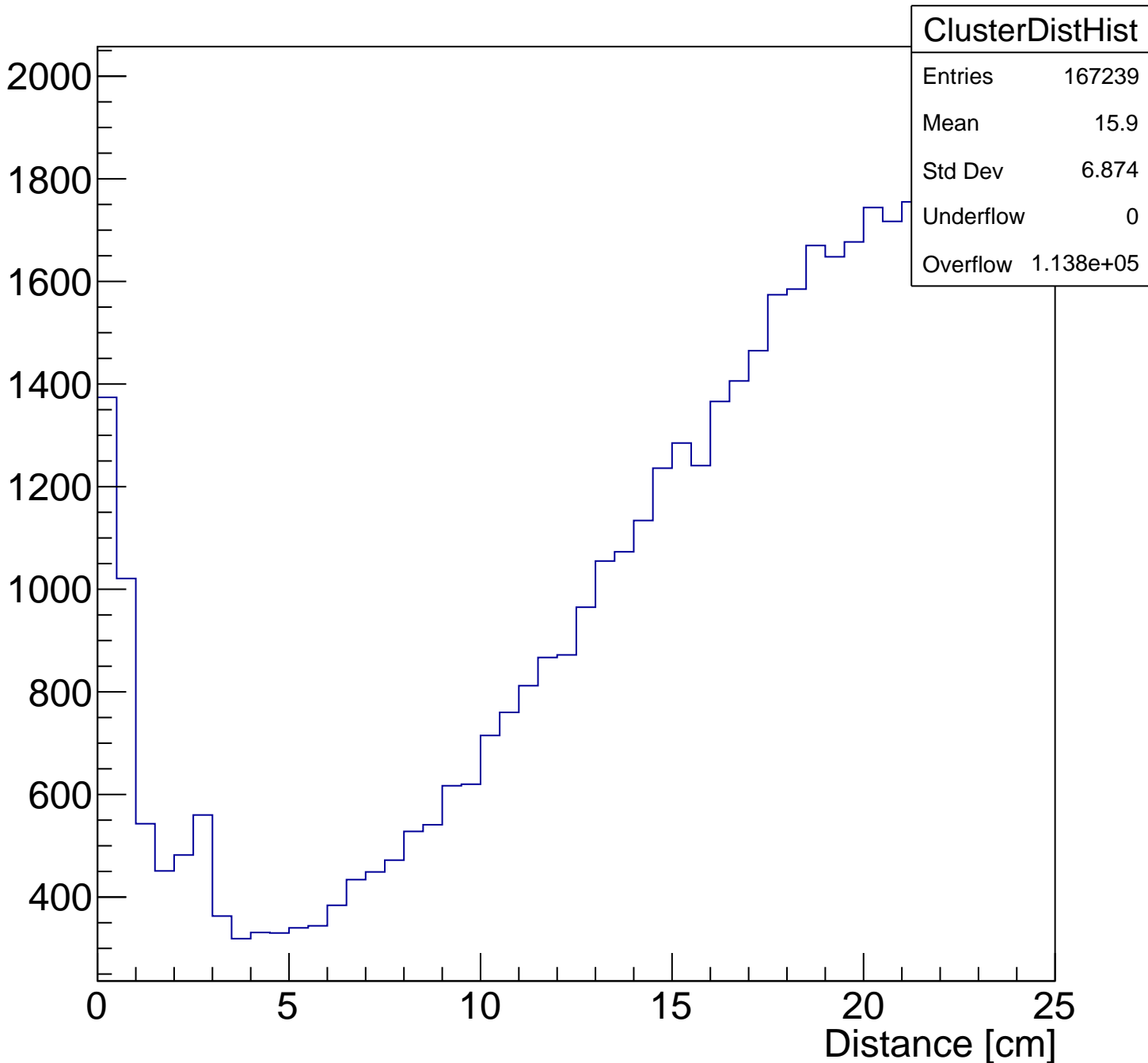
Primary Length vs Momentum



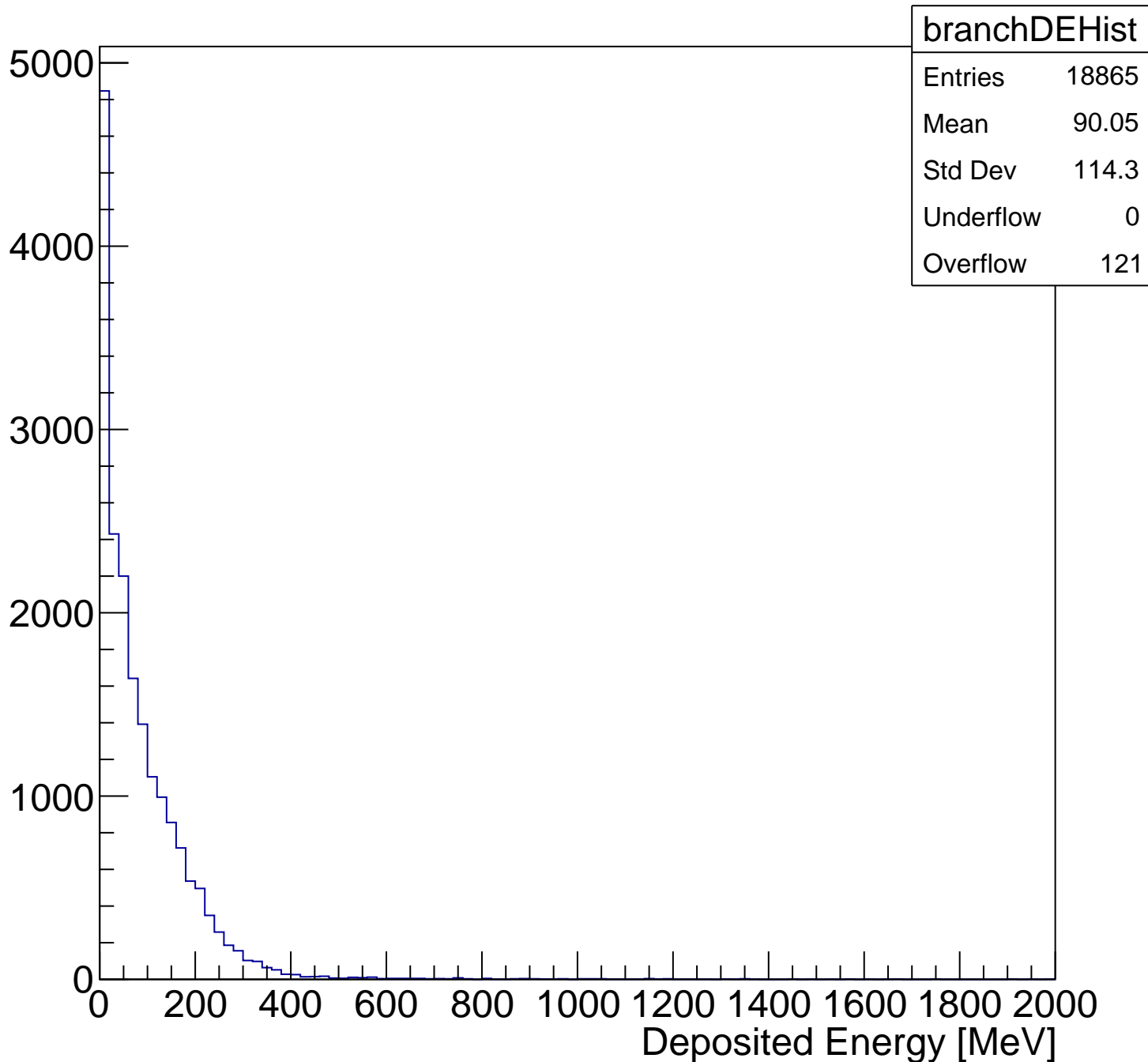
Number of branches from vertex



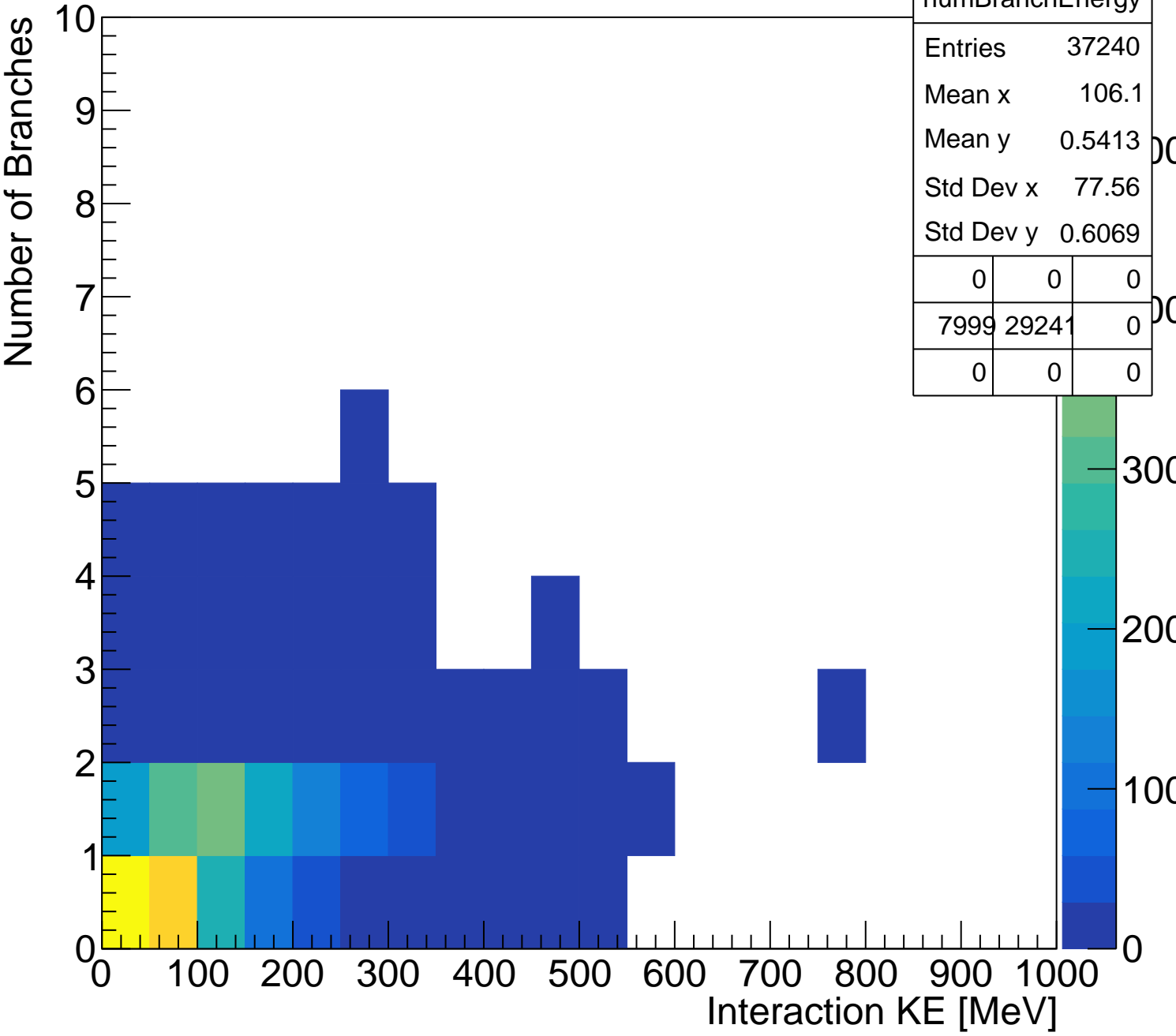
Additional Branch Distance (Type 4)



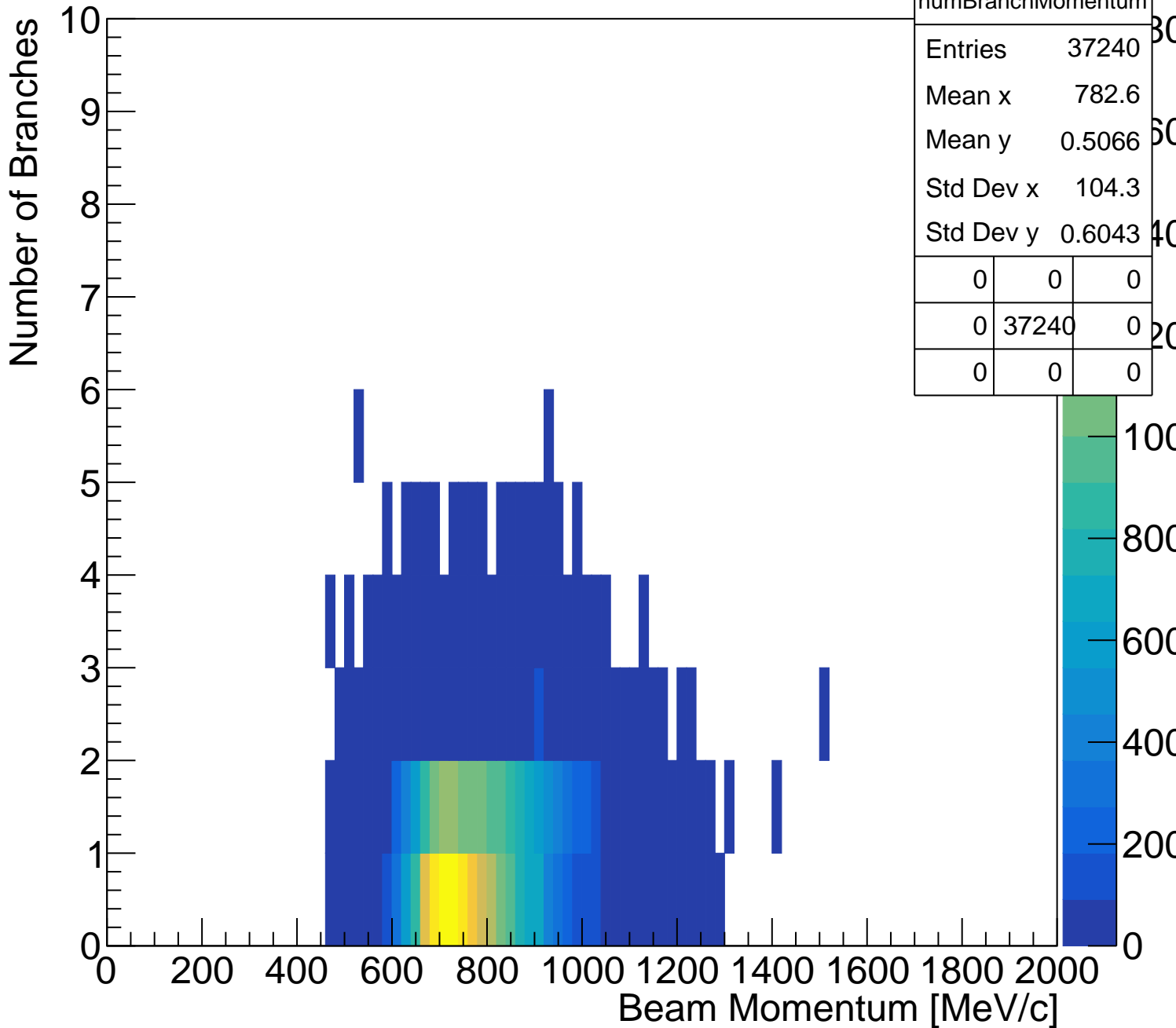
Deposited Energy per Branch



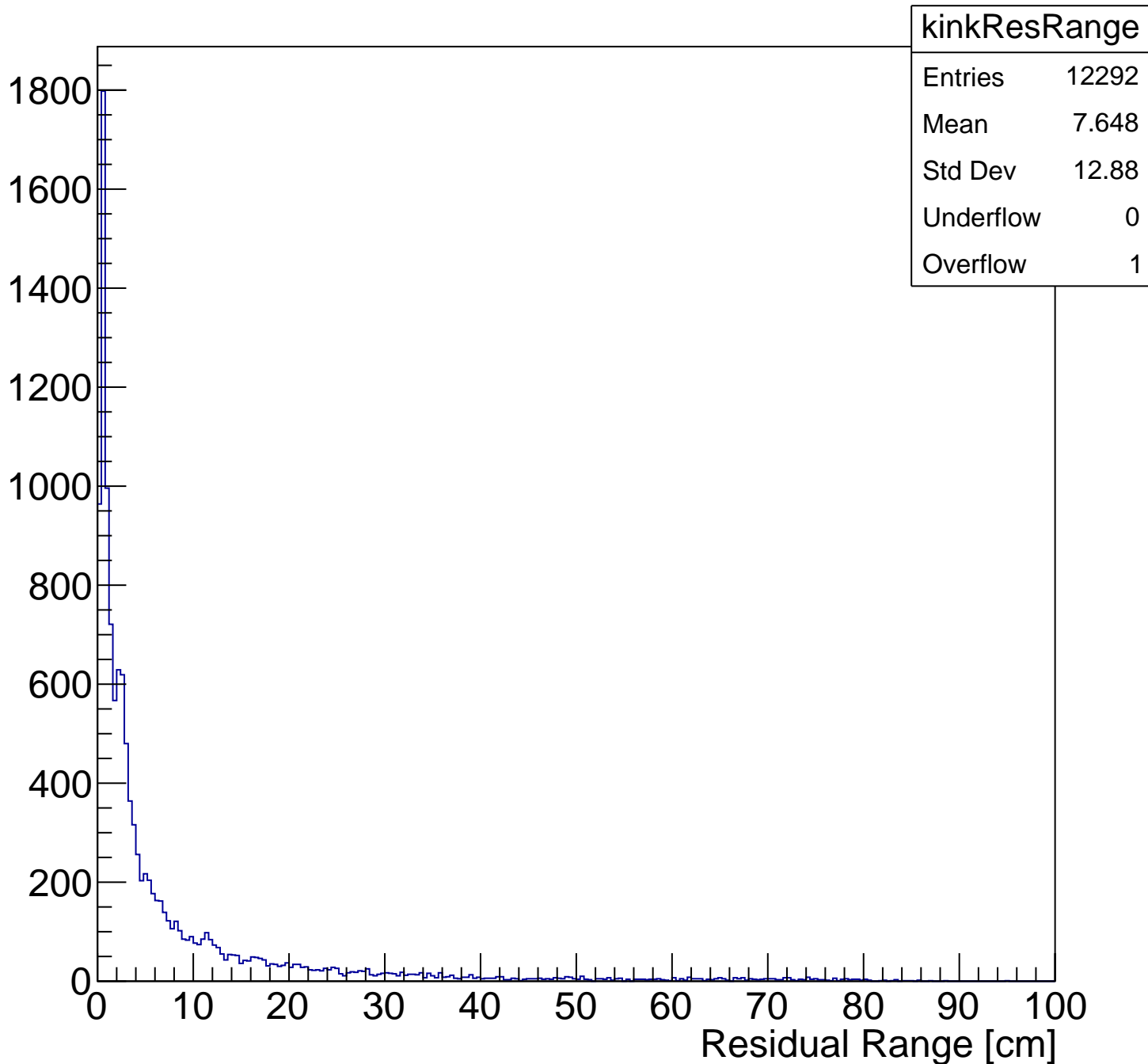
Interaction Energy vs N Branches



Beam Momentum vs N Branches



residual range after kink in track



residual range after kink - branching events

