

Cosmic ray 8/25

Data Correction

1. Cable Length (+TDC channel zero set)
2. ADC Cut (Dark Current)
3. Slewing Correction
4. t_0 calibration

Data ADC Cut

td2 : 1000

td3 : 1200

tw3 : 1250

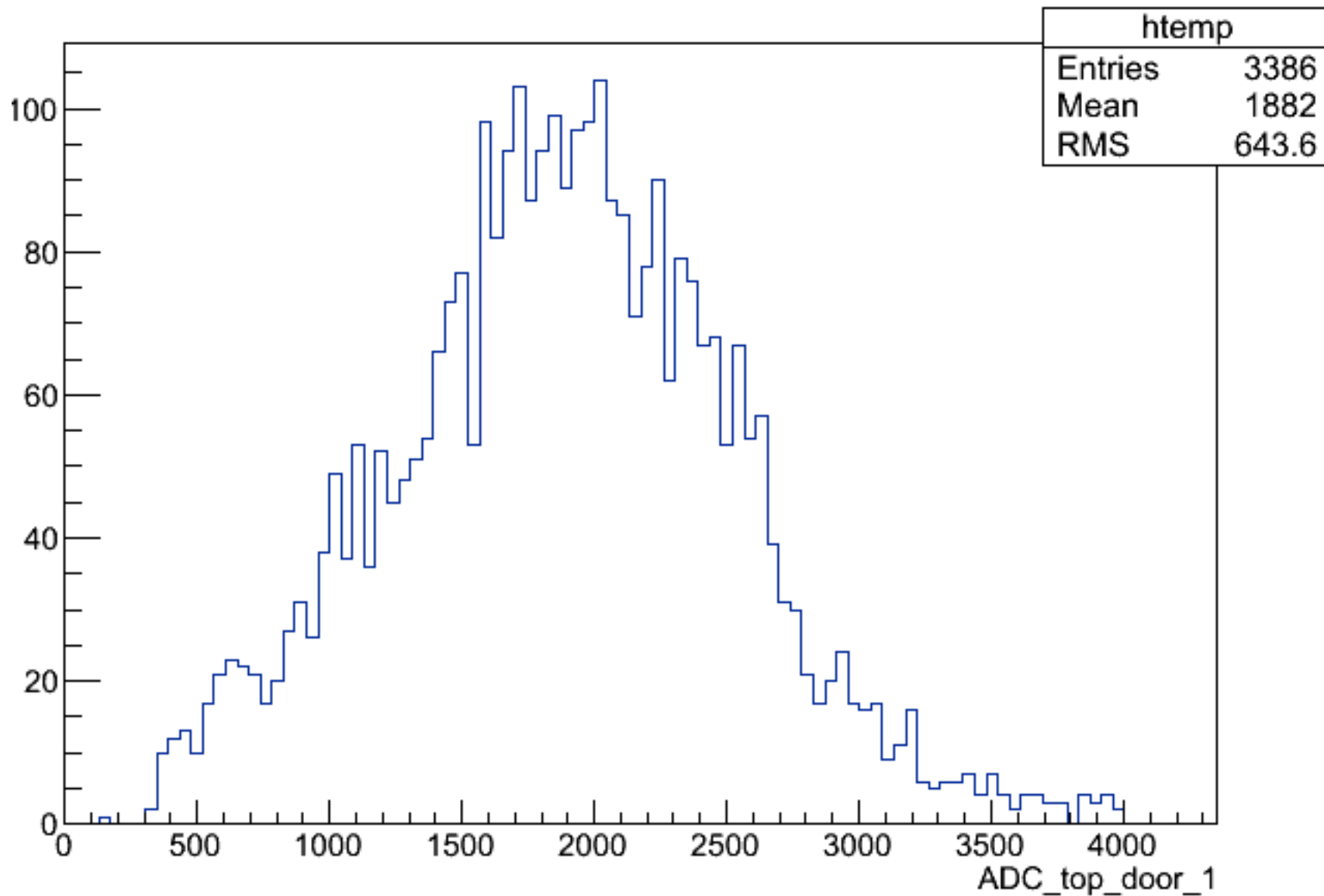
bd1 : 1200

bd2 : 1300

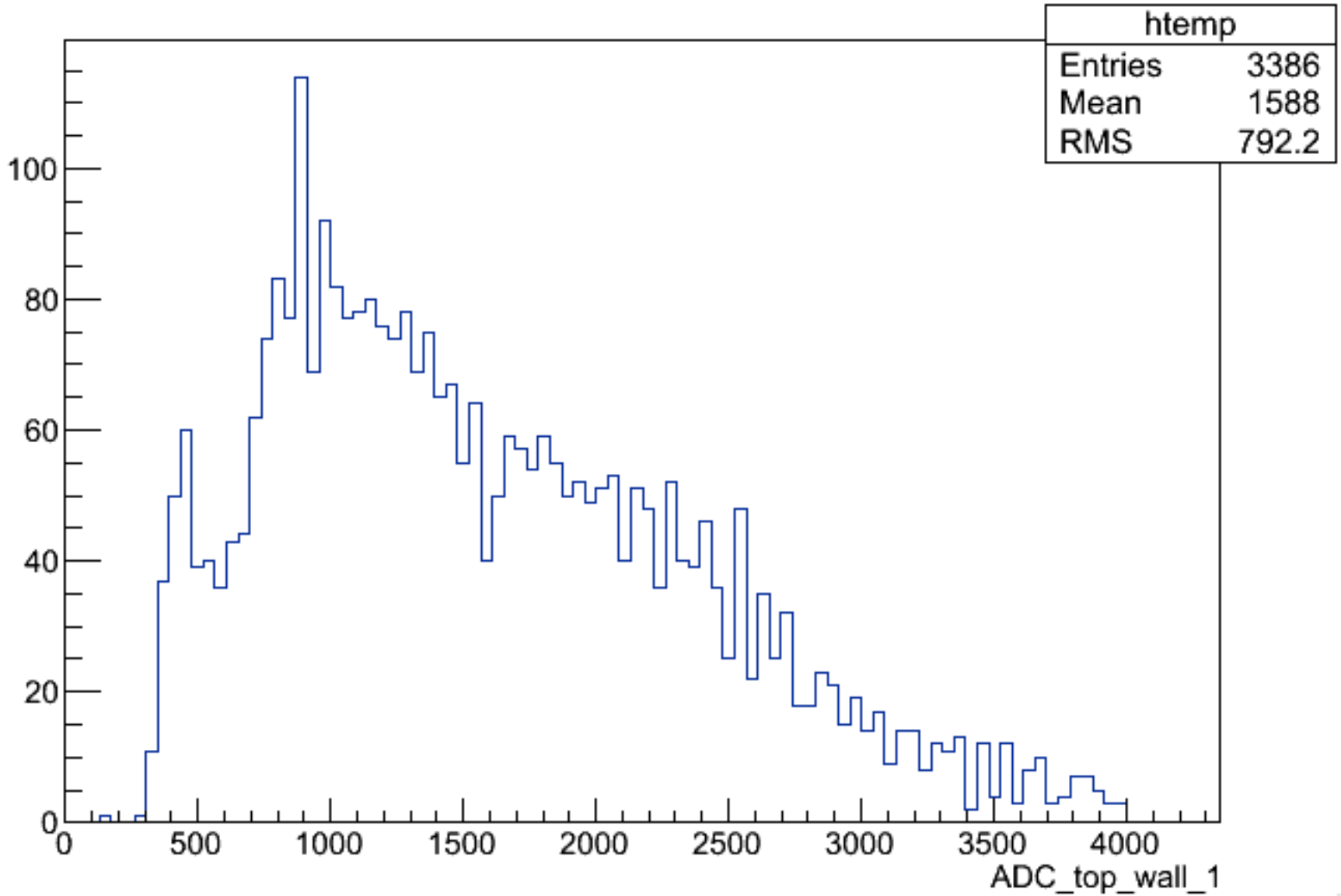
bw1 : 1200

bw2 : 1300

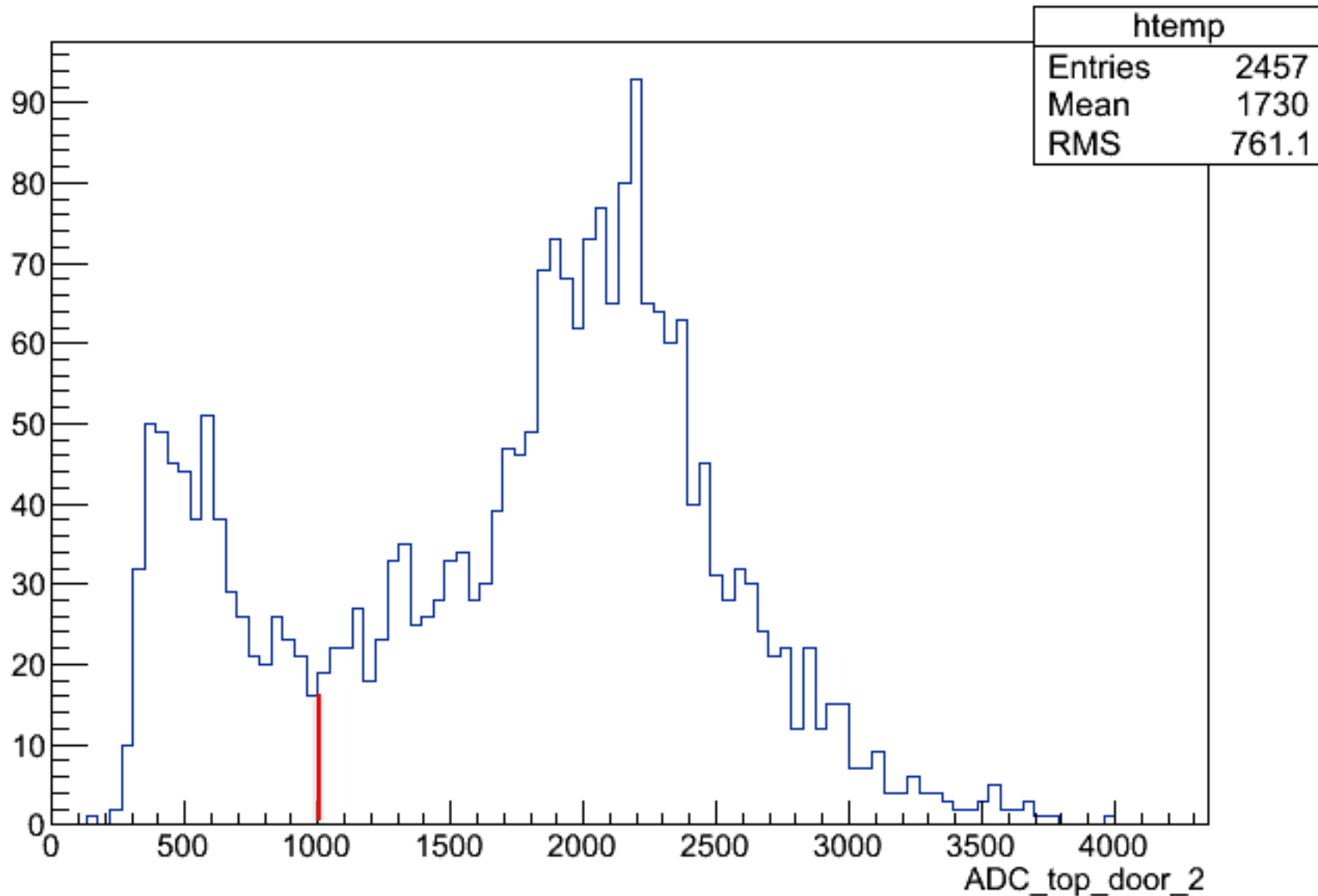
ADC_top_door_1 (TDC_top_door_1<4000&&TDC_top_door_1>0&&TDC_top_wall_1<4000&&TDC_top_wall_1>0&&ADC_top_door_1<4000&&ADC_top_door_1>0&&ADC_top_error_1<0&&ADC_top_wall_1<0&&ADC_top_wall_1>4000)

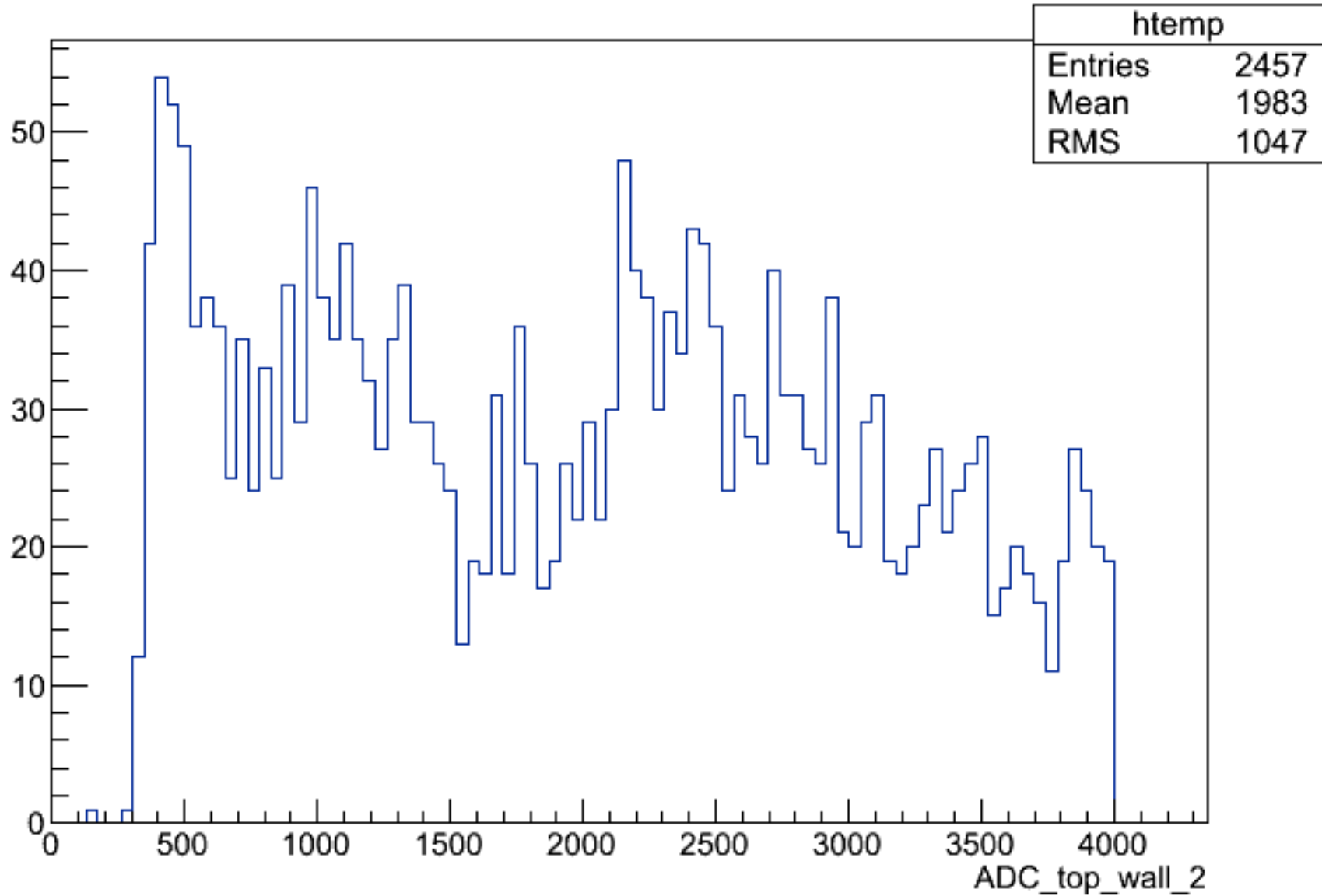


ADC_top_wall_1 (TDC_top_door_1=4000&TDC_top_door_1=58&TDC_top_wall_1=4893&TDC_top_wall_1=88&ADC_top_door_1=4000&ADC_top_door_1=0&ADC_top_wall_1=88&ADC_top_wall_1=400)

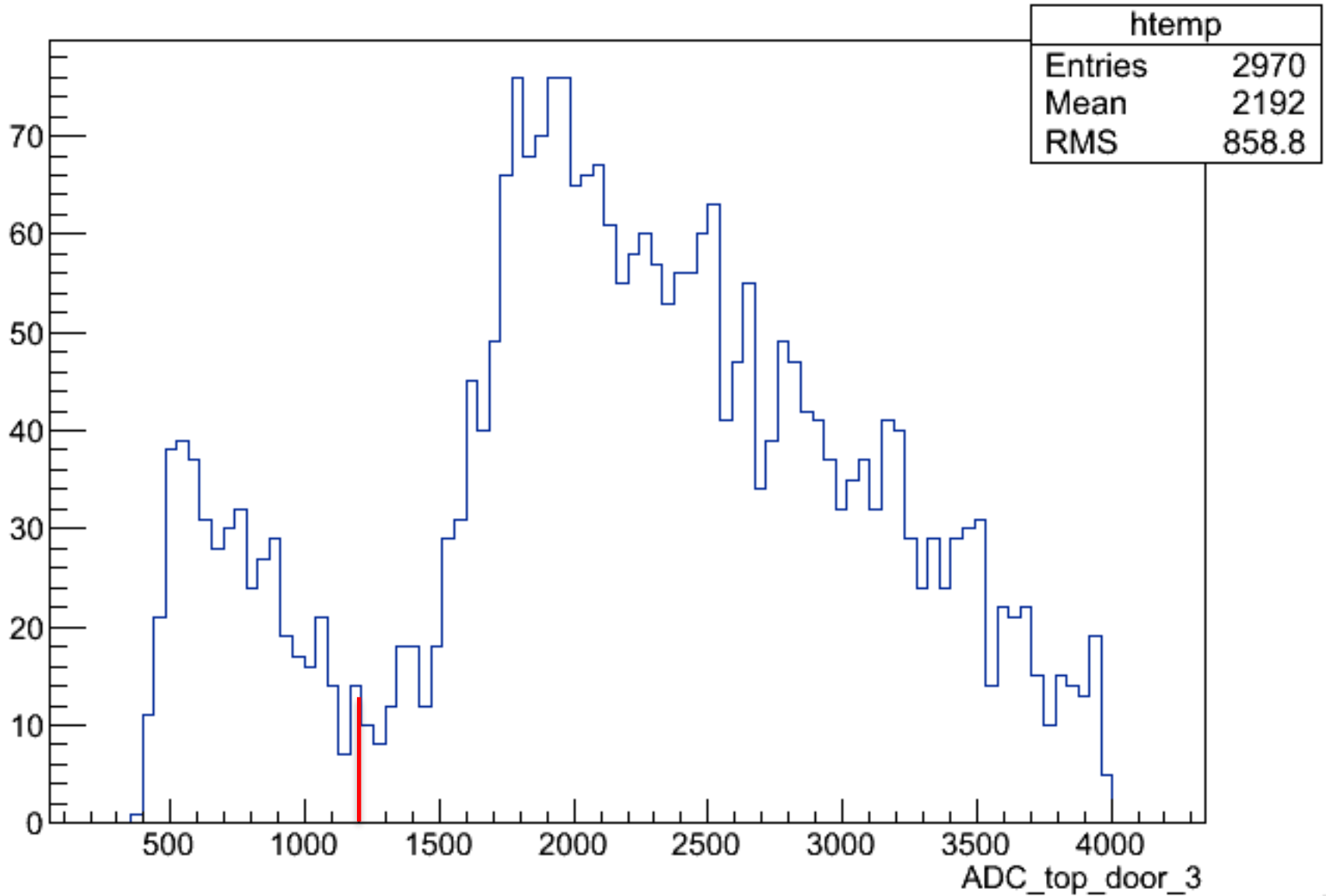


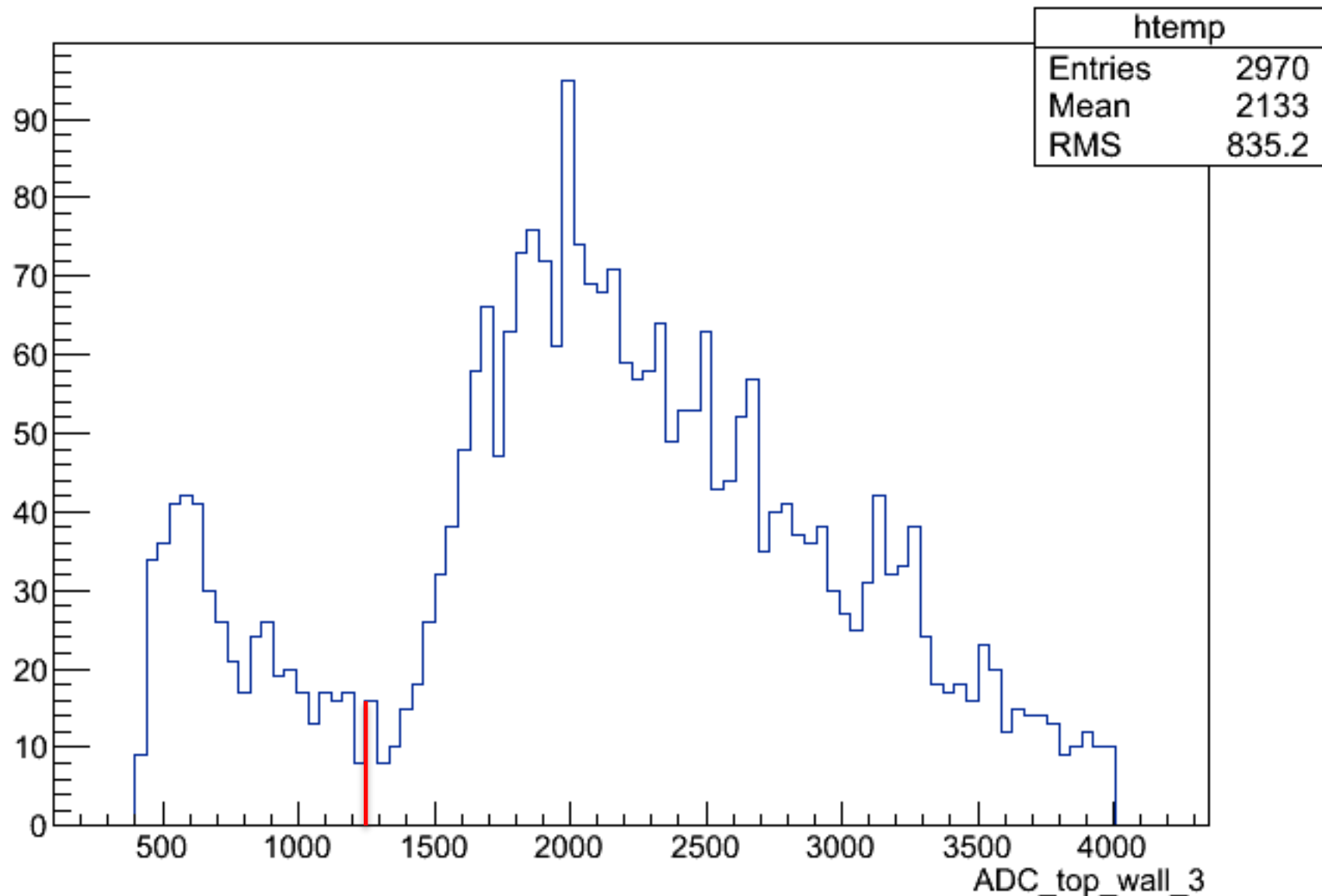
ADC_top_door_2 (TDC_top_door_2+1000&&TDC_top_door_2<0&&TDC_top_wall_1+400&&TDC_top_wall_2<0&&ADC_top_door_2+1000&&ADC_top_door_2+1000&&ADC_top_wall_1+0&&ADC_top_wall_2<0&&ADC_top_wall_3<4000)

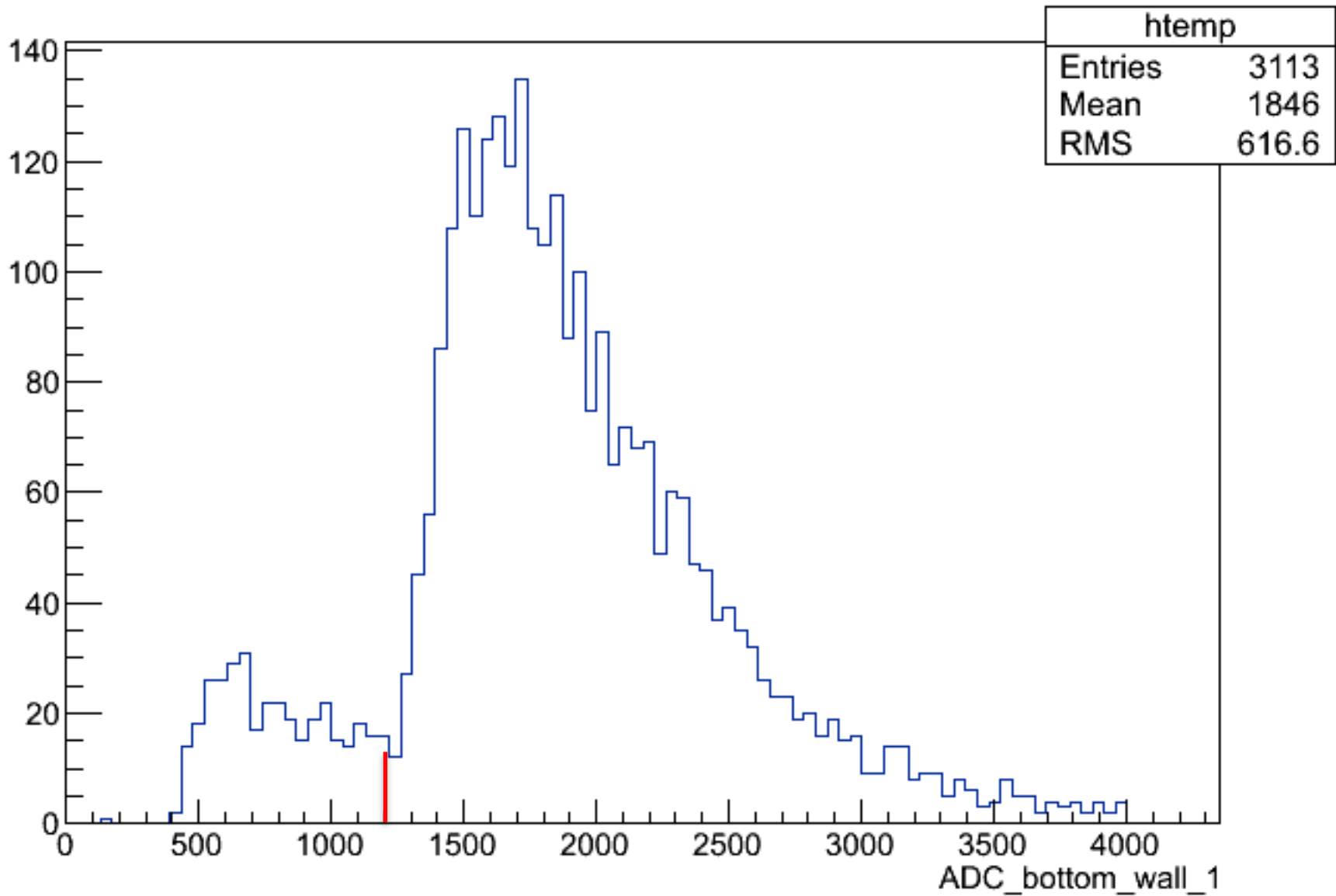




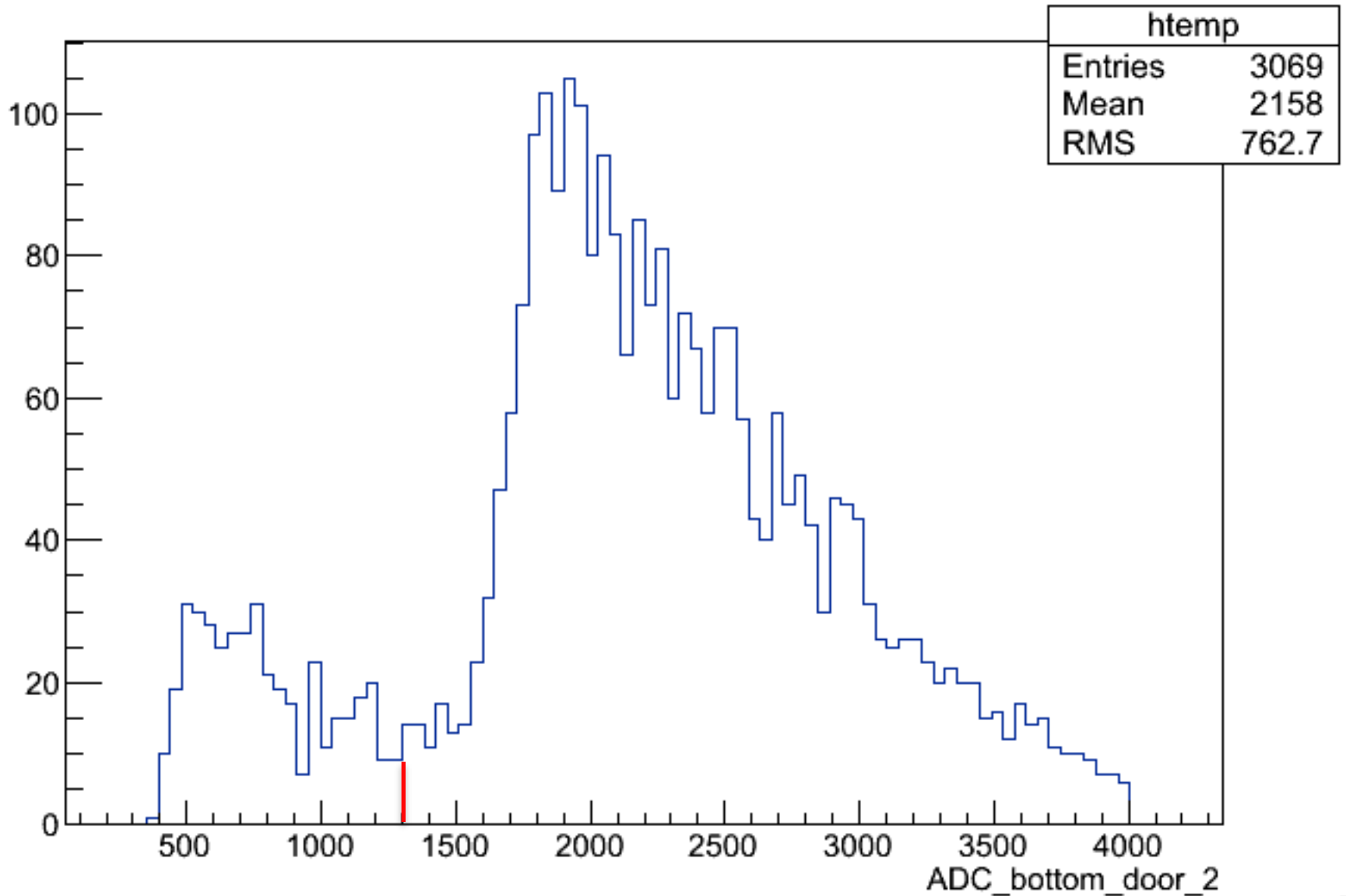
ADC_top_door_3 (TDC_top_door_3+1090&&TDC_top_door_3+0&&TDC_top_wall_3+400&&TDC_top_wall_3+0&&ADC_top_door_3+1090&&ADC_top_door_3+0&&ADC_top_wall_3+0&&ADC_top_wall_3+400)

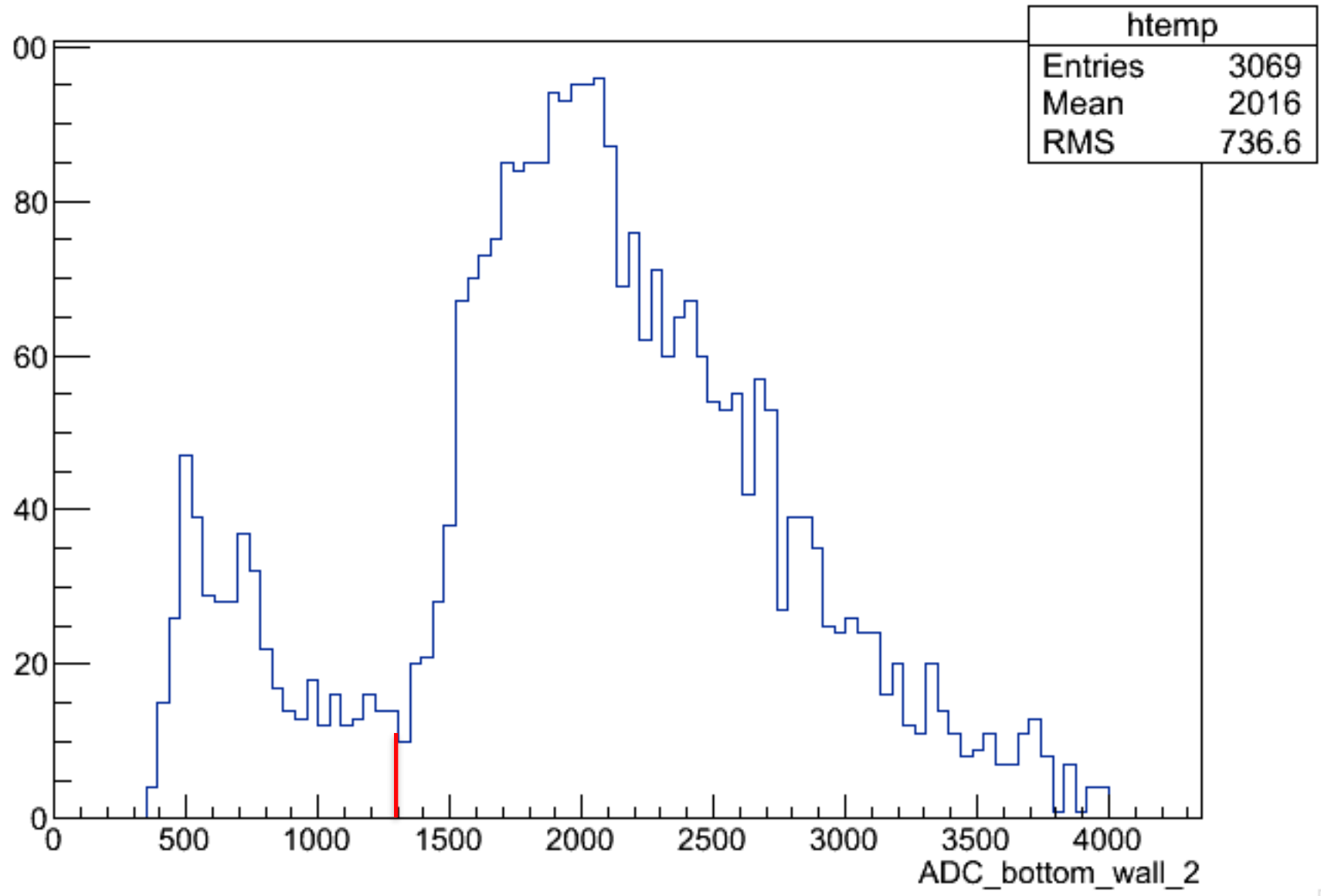


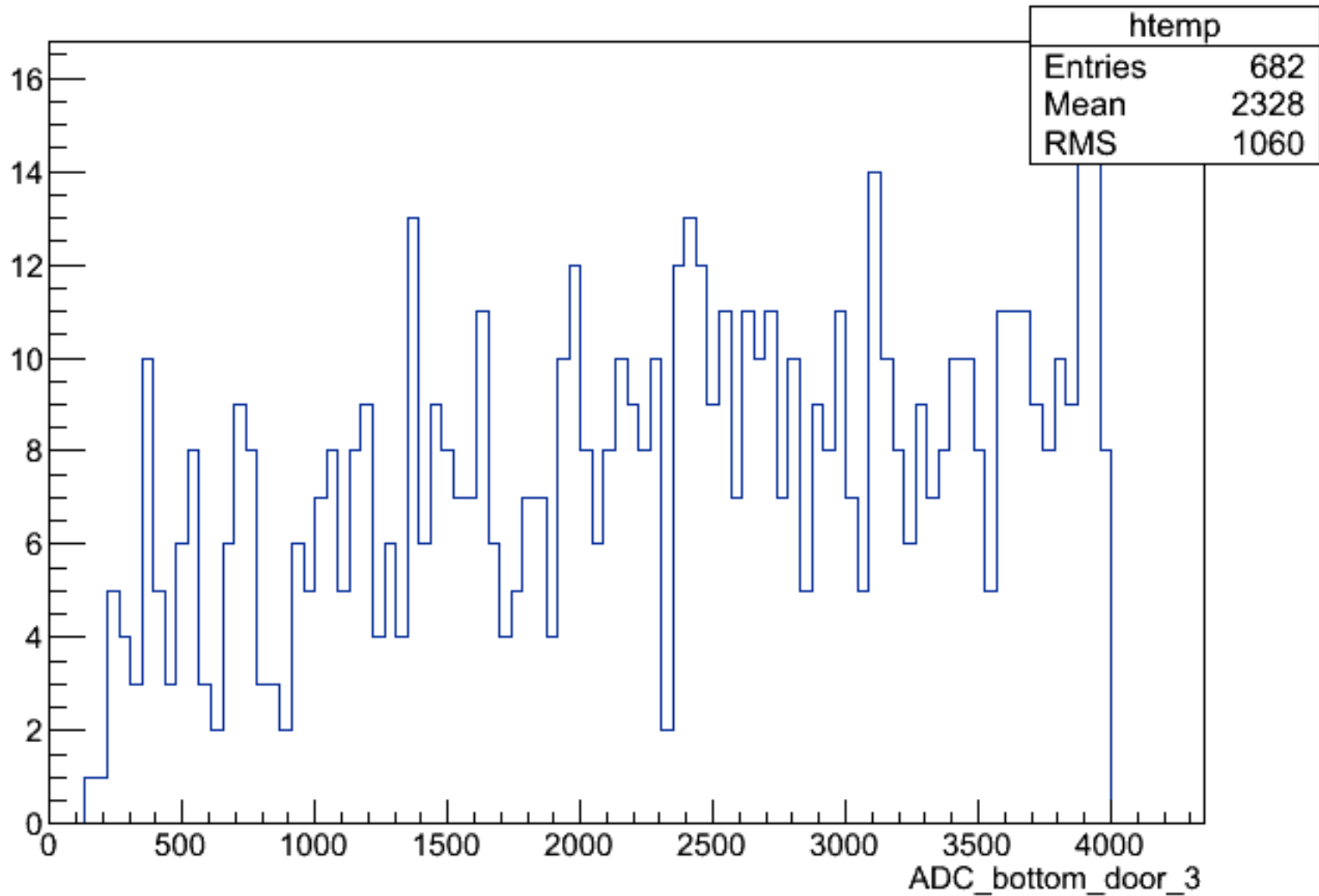




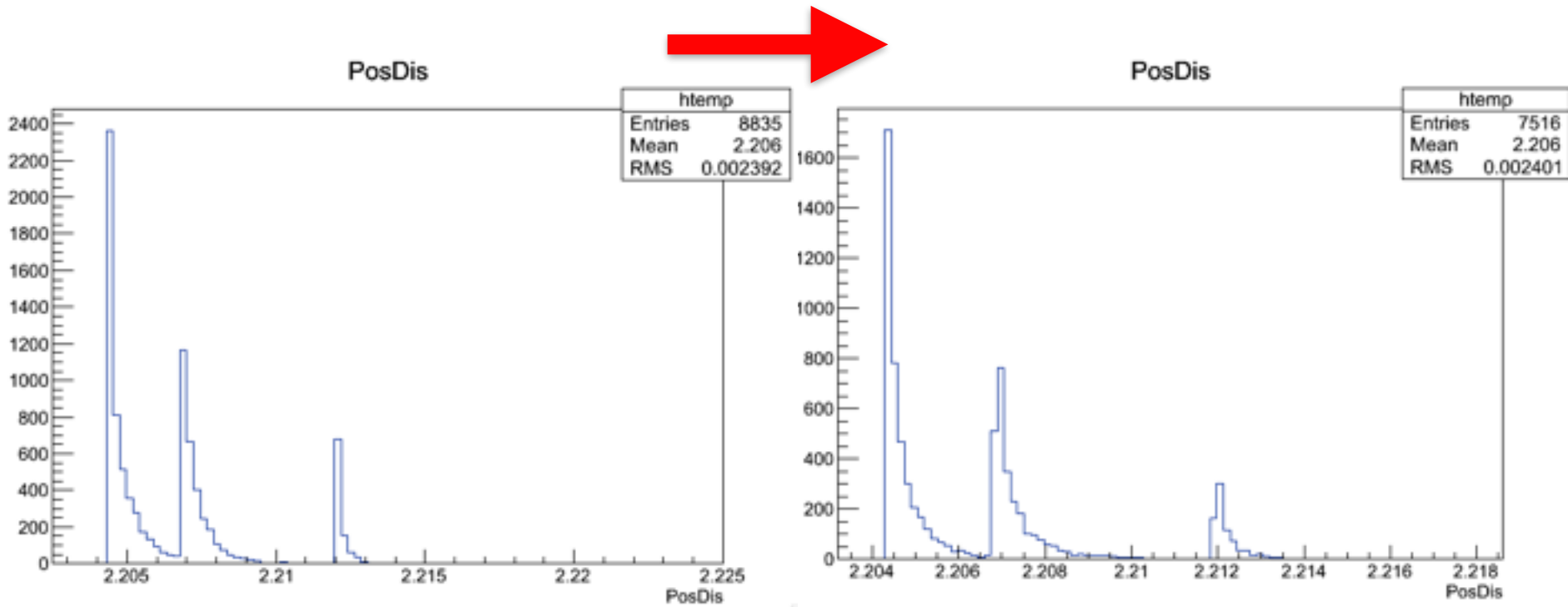
ADC_bottom_door_2 [TDC_bottom_door_2] HISTOGRAM bottom_door_2 [TDC_bottom_door_2] HISTOGRAM bottom_door_2 [TDC_bottom_door_2] HISTOGRAM bottom_door_2 [TDC_bottom_door_2] HISTOGRAM



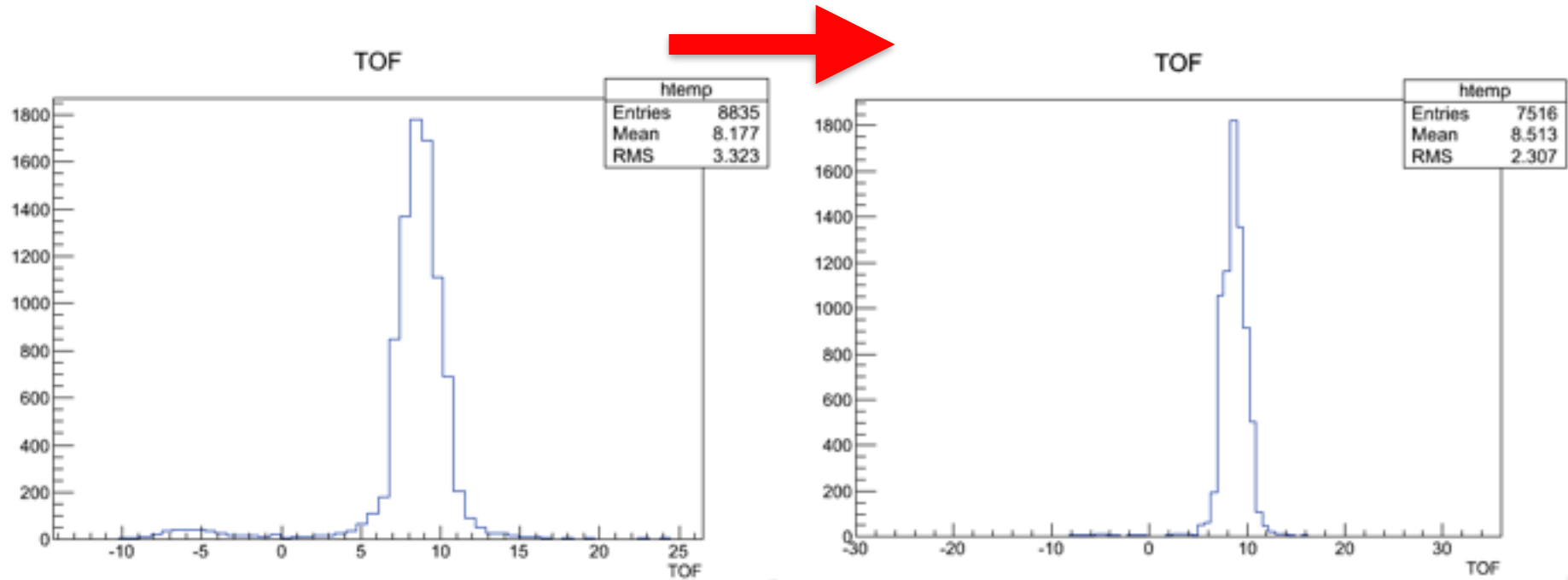




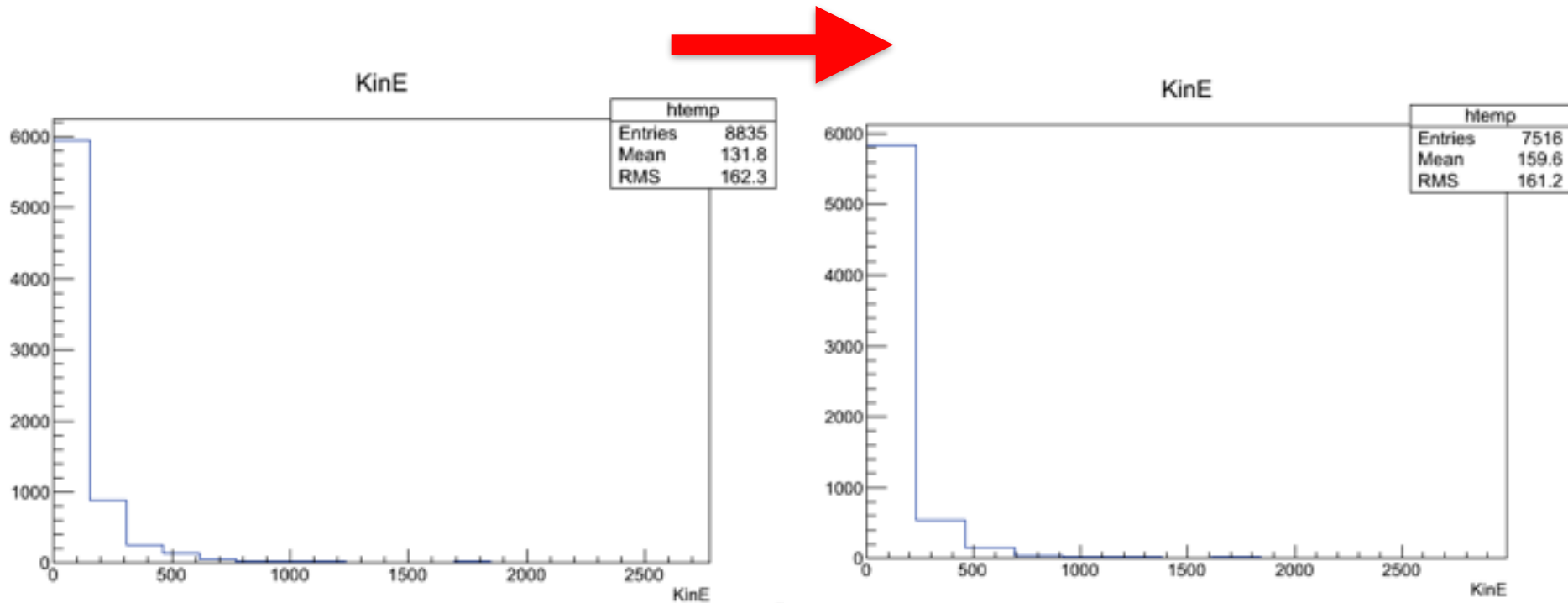
ADC Cut - Distance



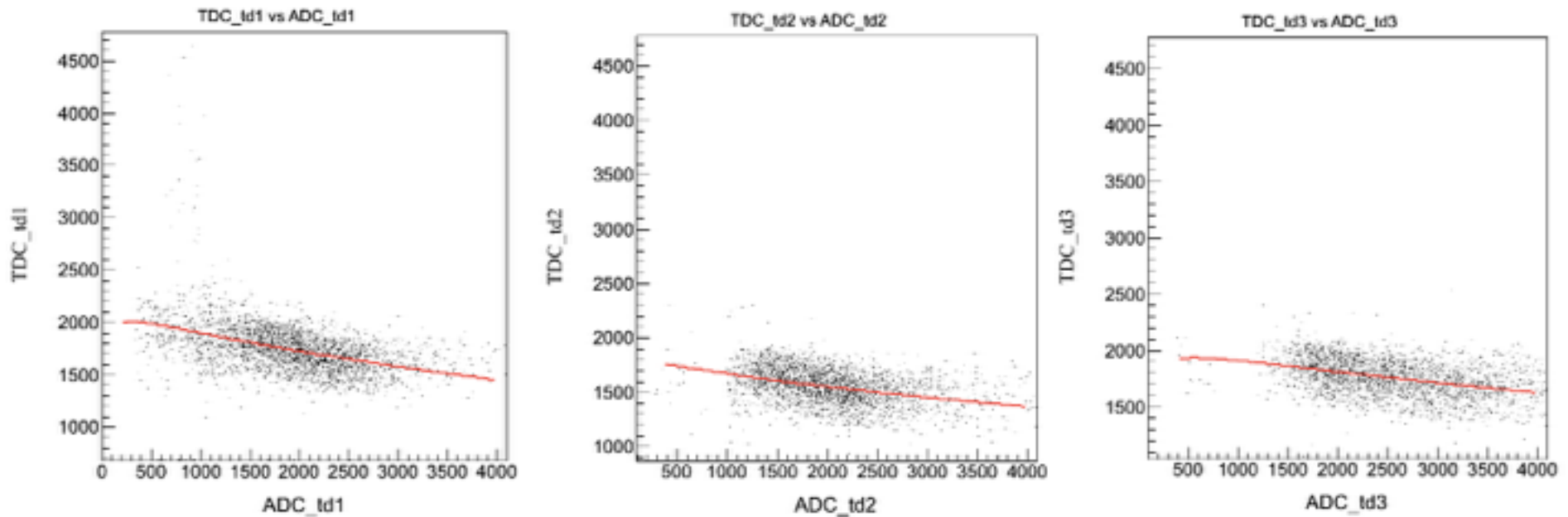
ADC Cut - TOF



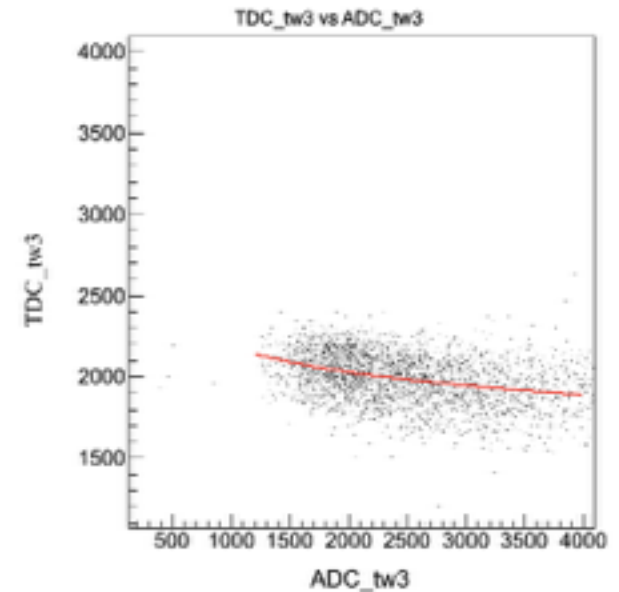
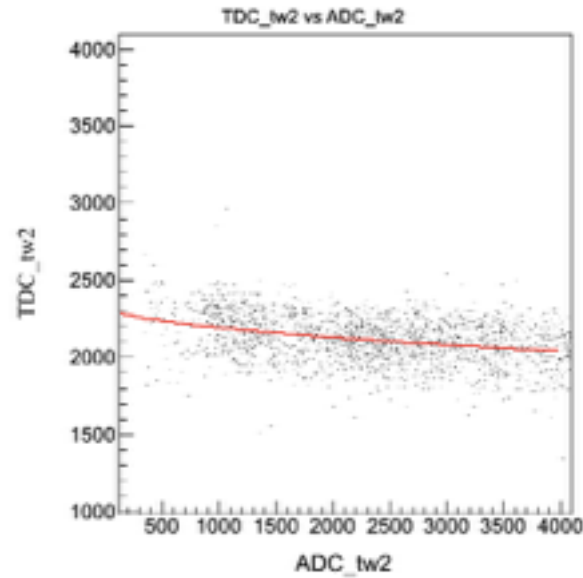
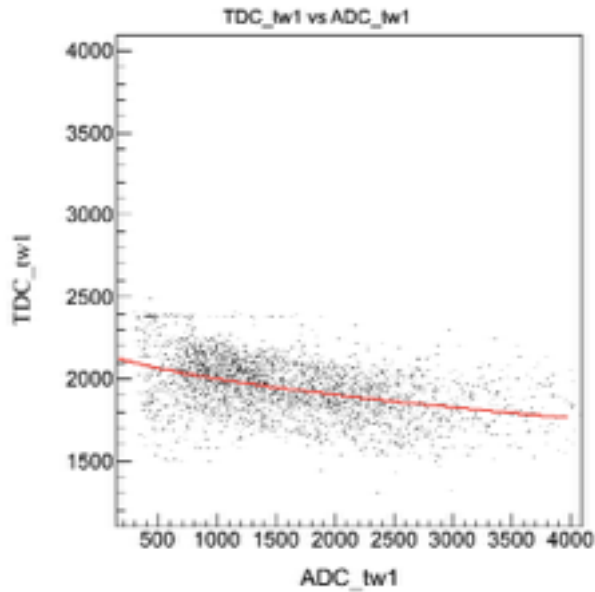
ADC Cut - Energy



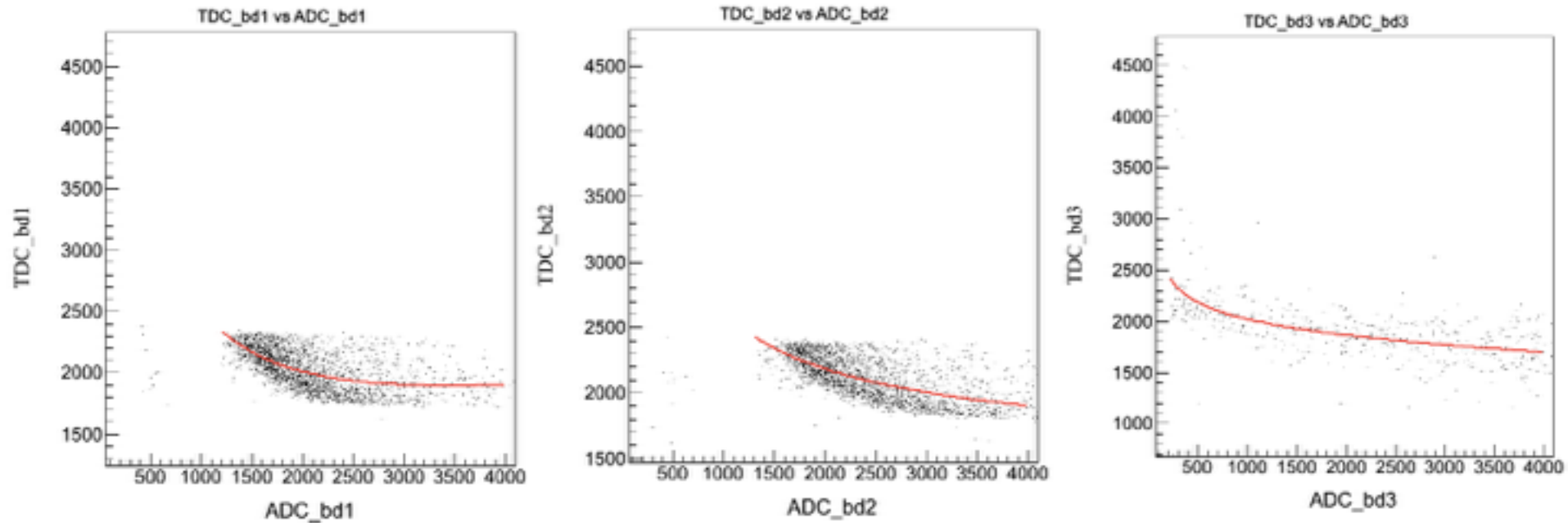
Slewing Corr - Fitting Top Door



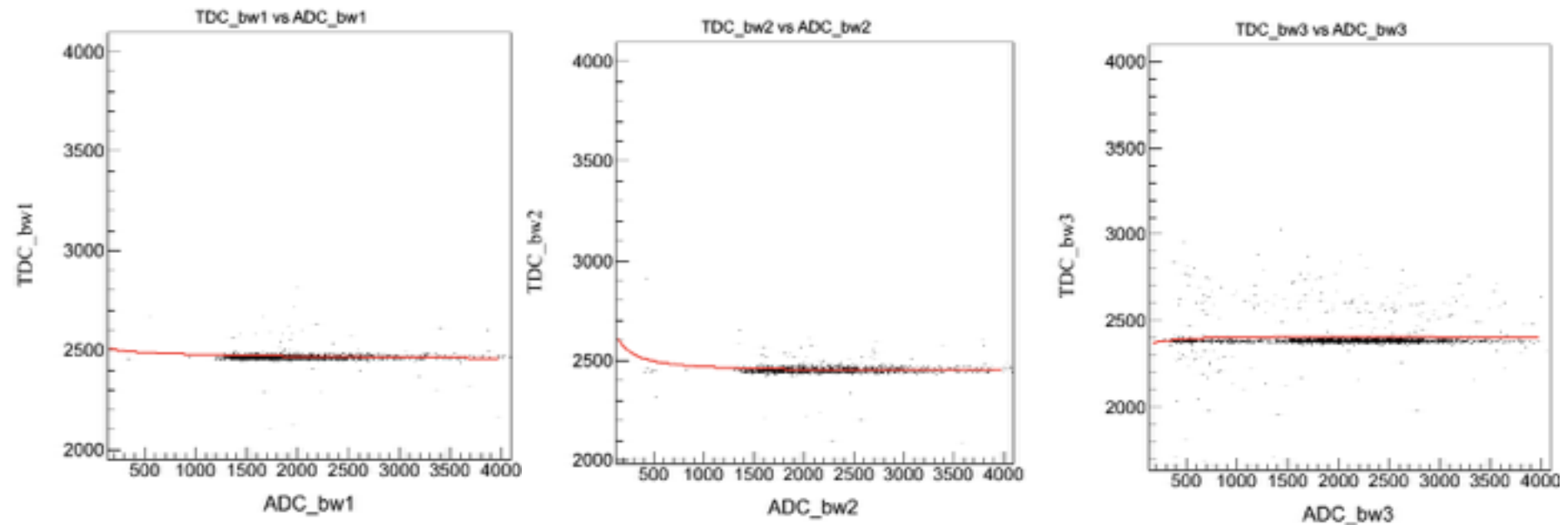
Slewing Corr - Fitting Top Wall



Slewing Corr - Fitting Bottom Door



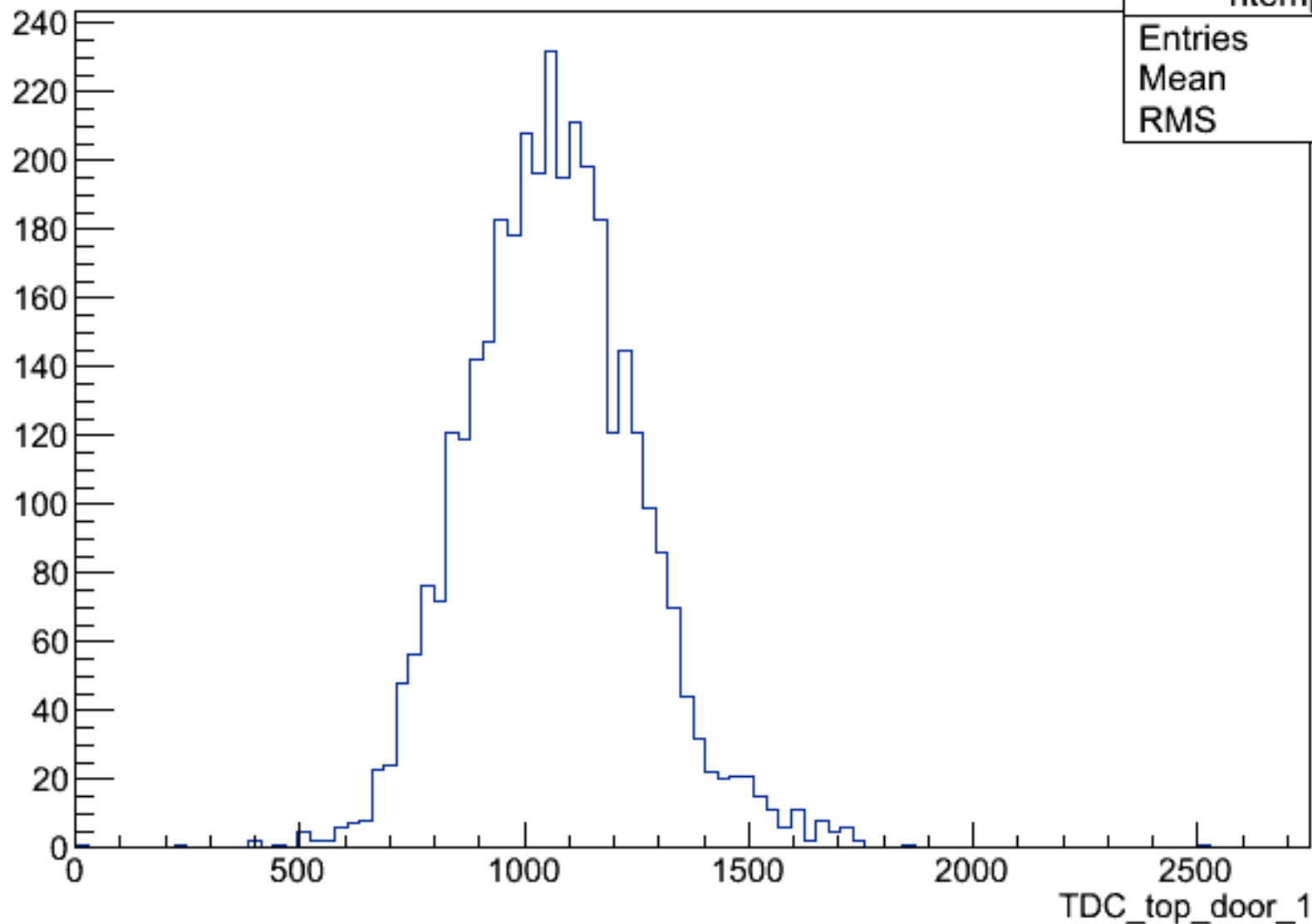
Slewing Corr - Fitting Bottom Wall



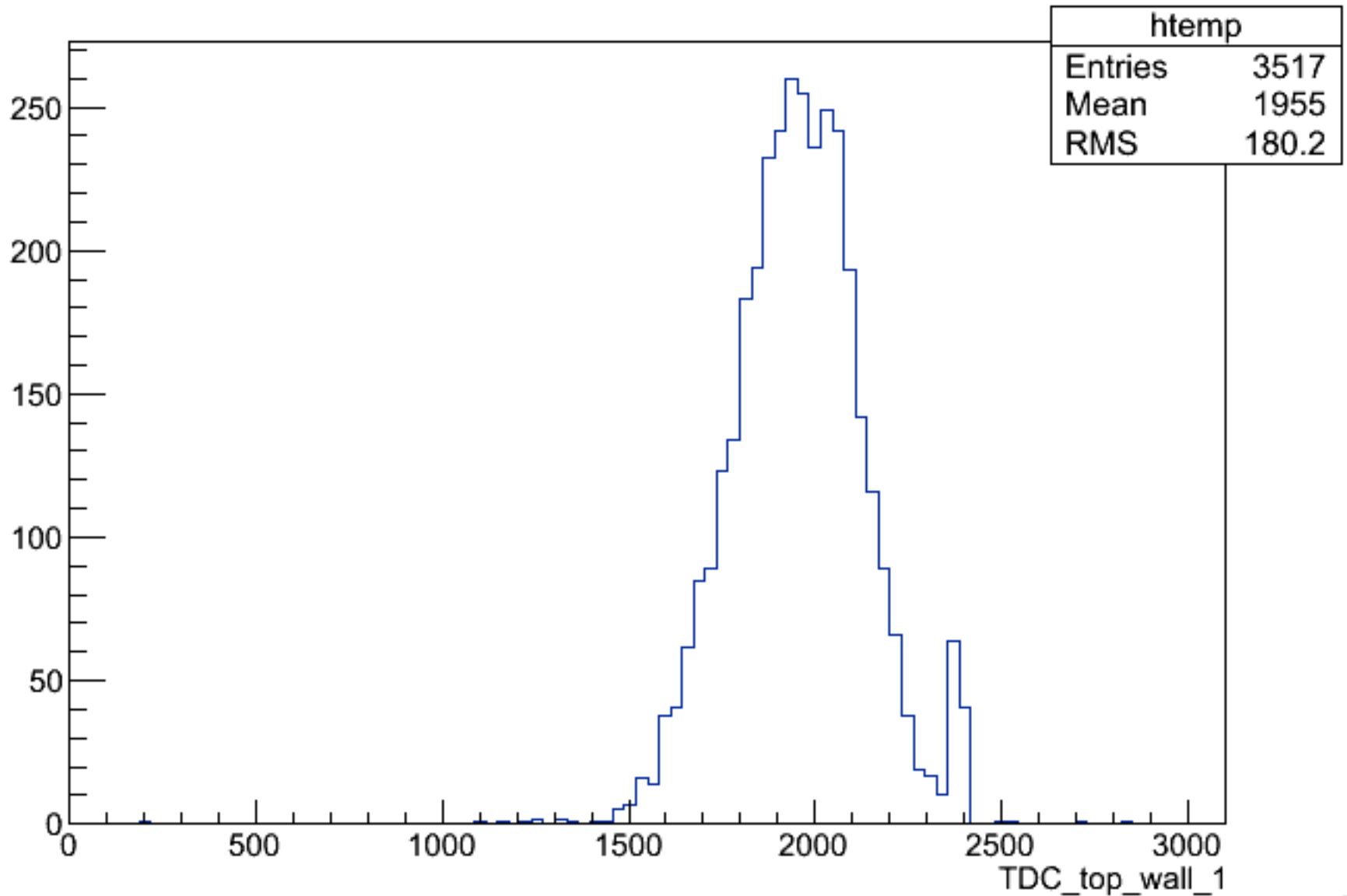
DATA - TDC

TDC_top_door_1 {TDC_top_door_1<4000&&TDC_top_door_1>0&&TDC_top_wall_1<4000&&TDC_top_wall_1>0}

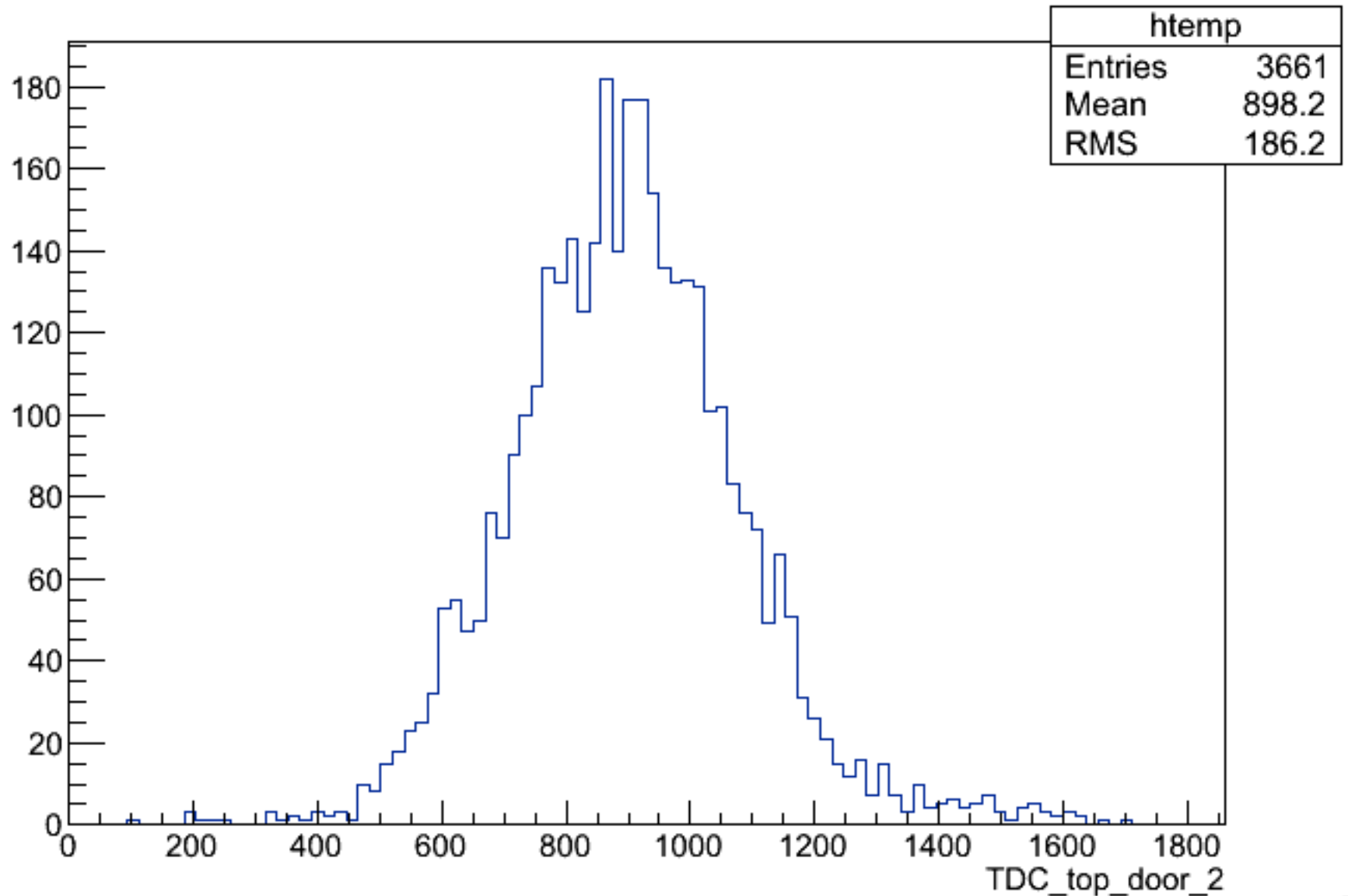
htemp	
Entries	3517
Mean	1065
RMS	193.3



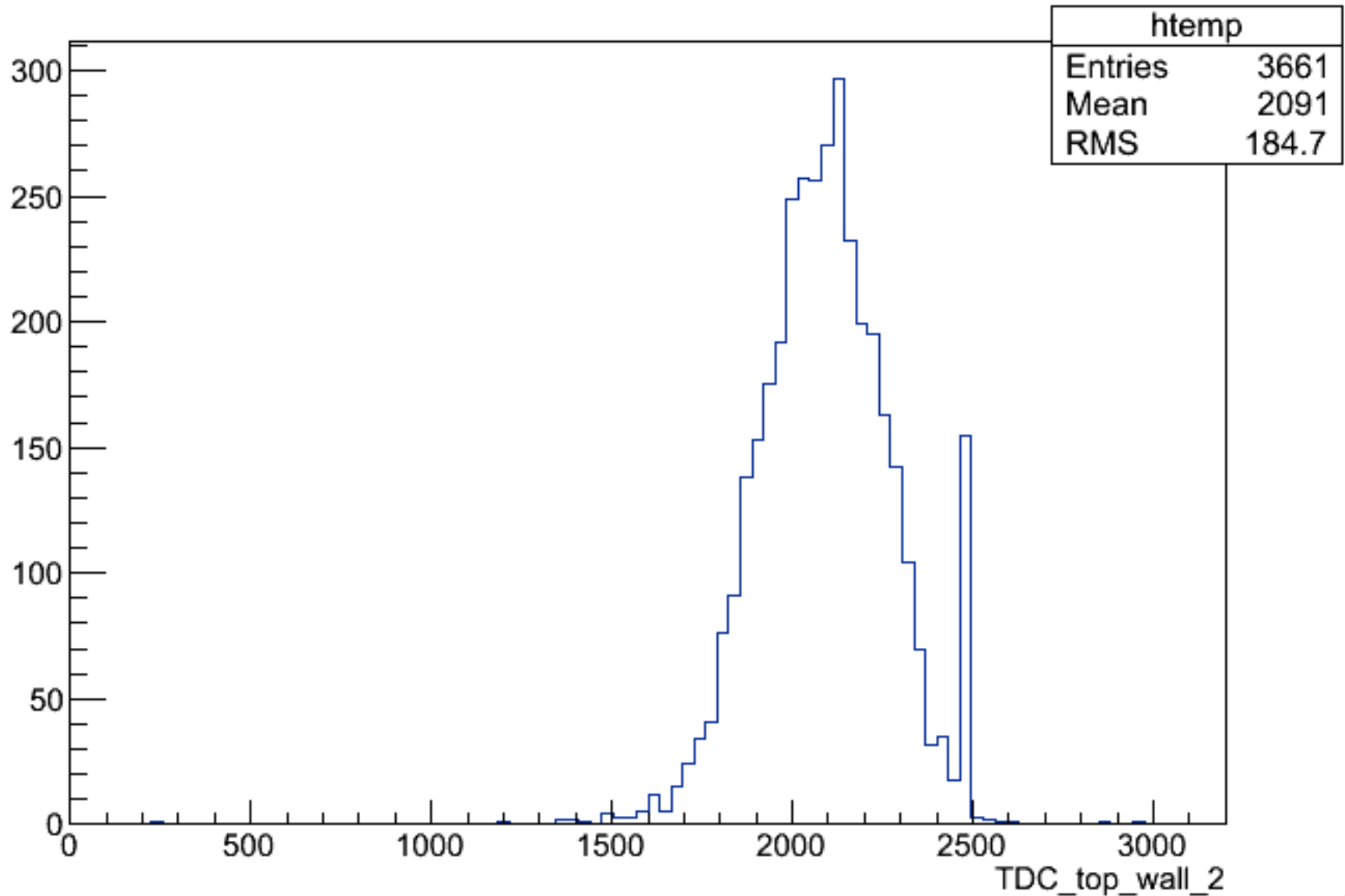
TDC_top_wall_1 {TDC_top_door_1<4000&&TDC_top_door_1>0&&TDC_top_wall_1<4000&&TDC_top_wall_1>0}



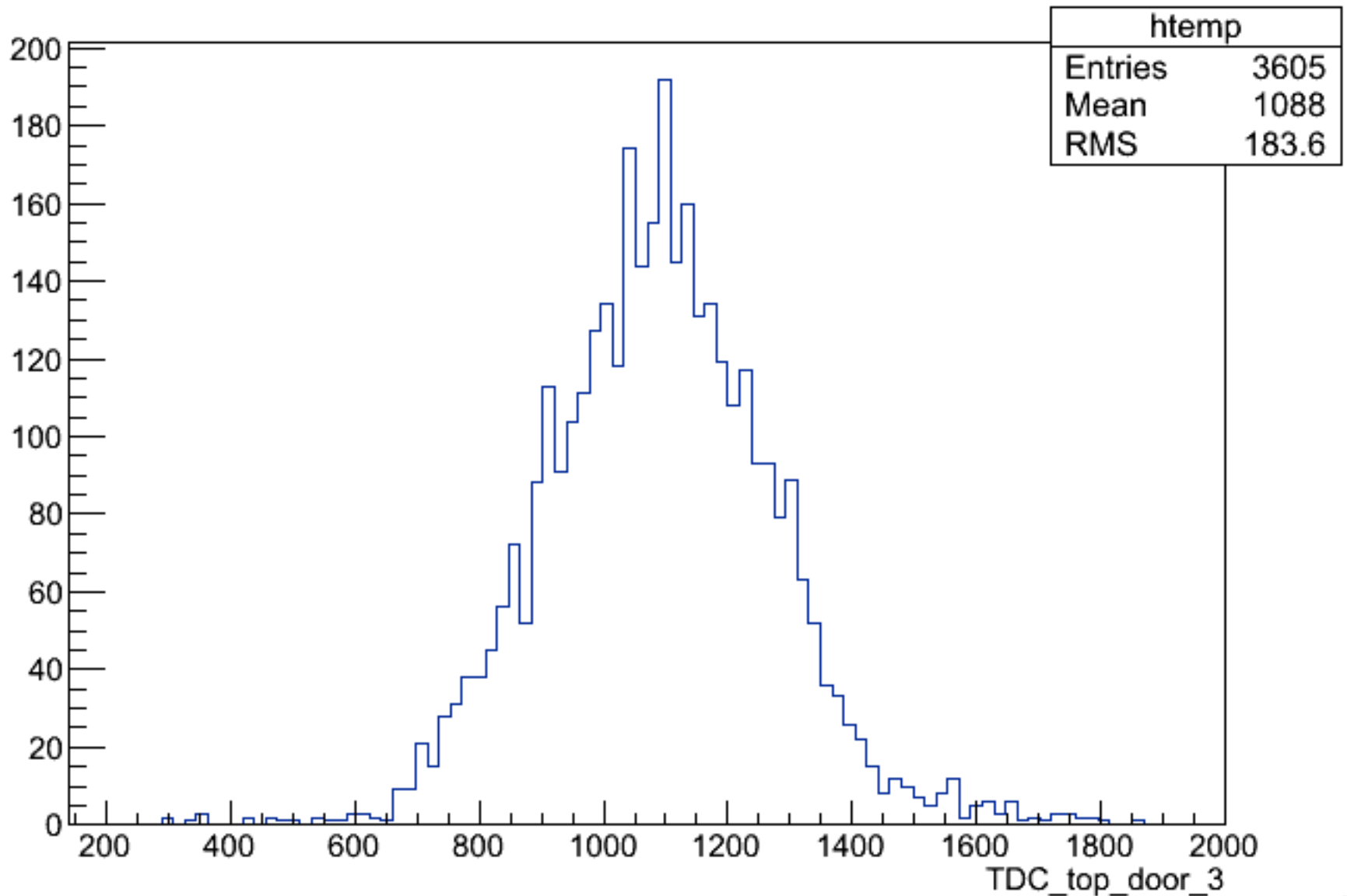
TDC_top_door_2 {TDC_top_door_2<4000&&TDC_top_door_2>0&&TDC_top_wall_2<4000&&TDC_top_wall_2>0}



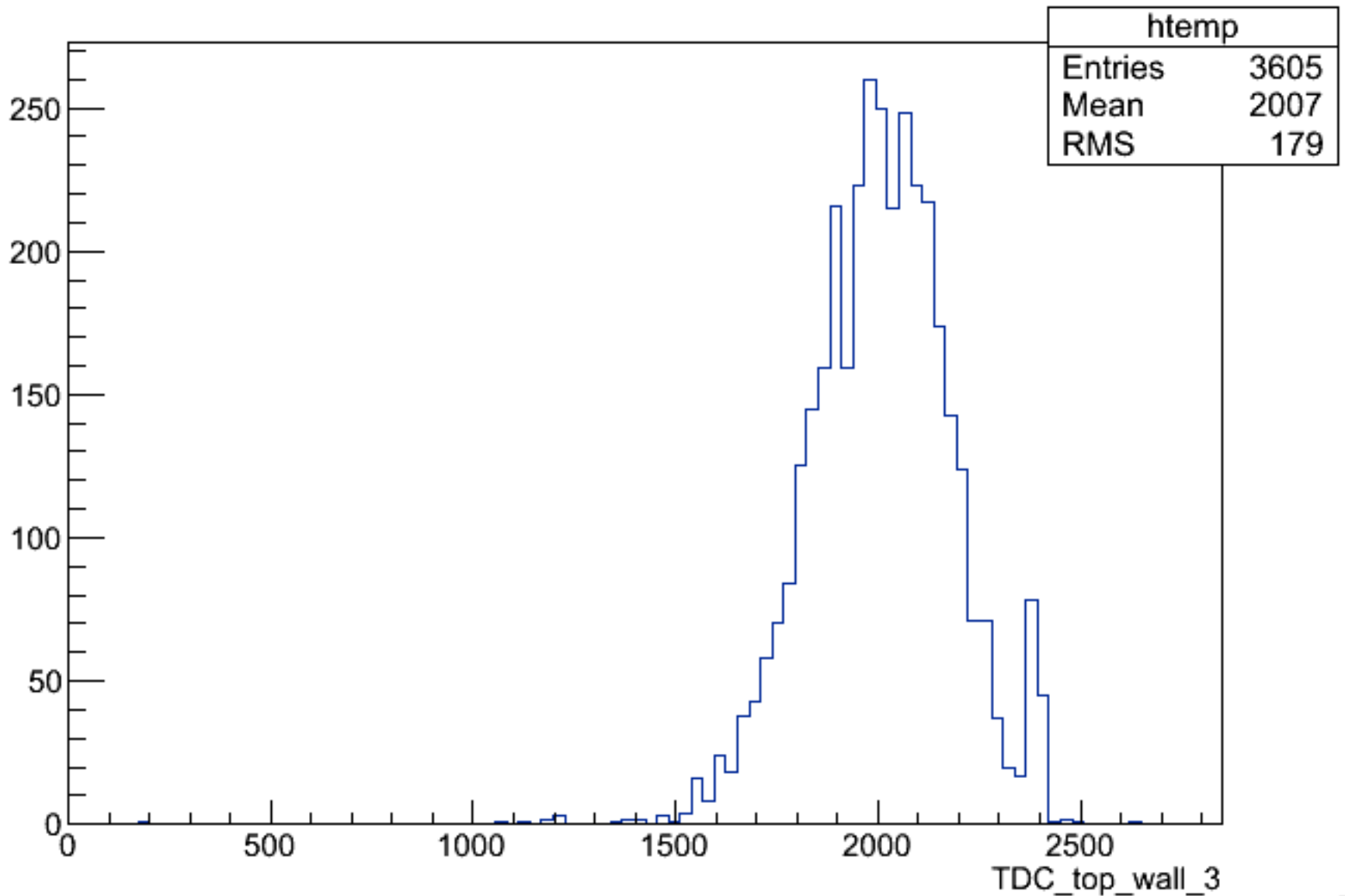
TDC_top_wall_2 {TDC_top_door_2<4000&&TDC_top_door_2>0&&TDC_top_wall_2<4000&&TDC_top_wall_2>0}



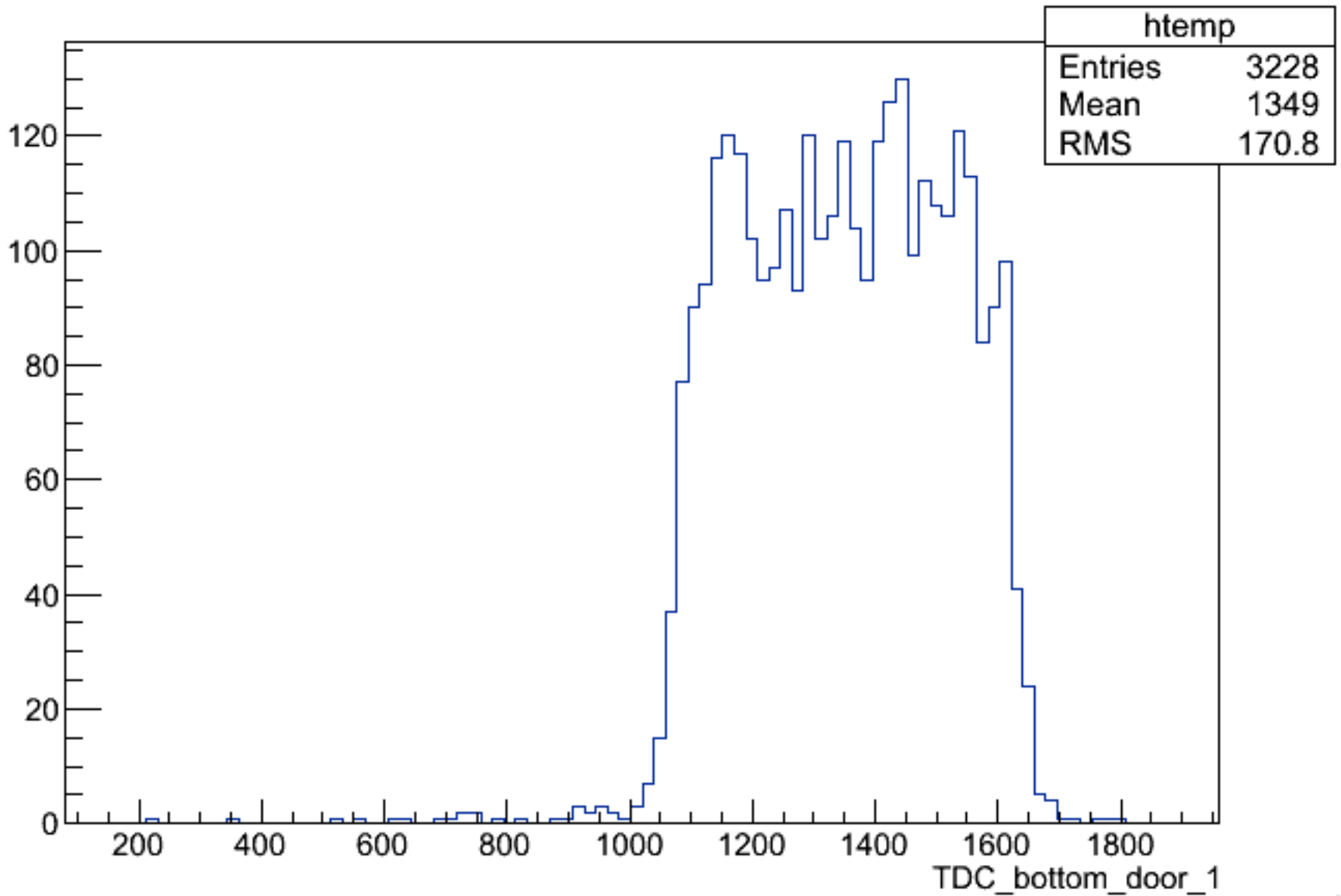
TDC_top_door_3 (TDC_top_door_3<4000&TDC_top_door_3>0&TDC_top_wal_3<4000&TDC_top_wal_3>0&TDC_top_wal_3<4000)



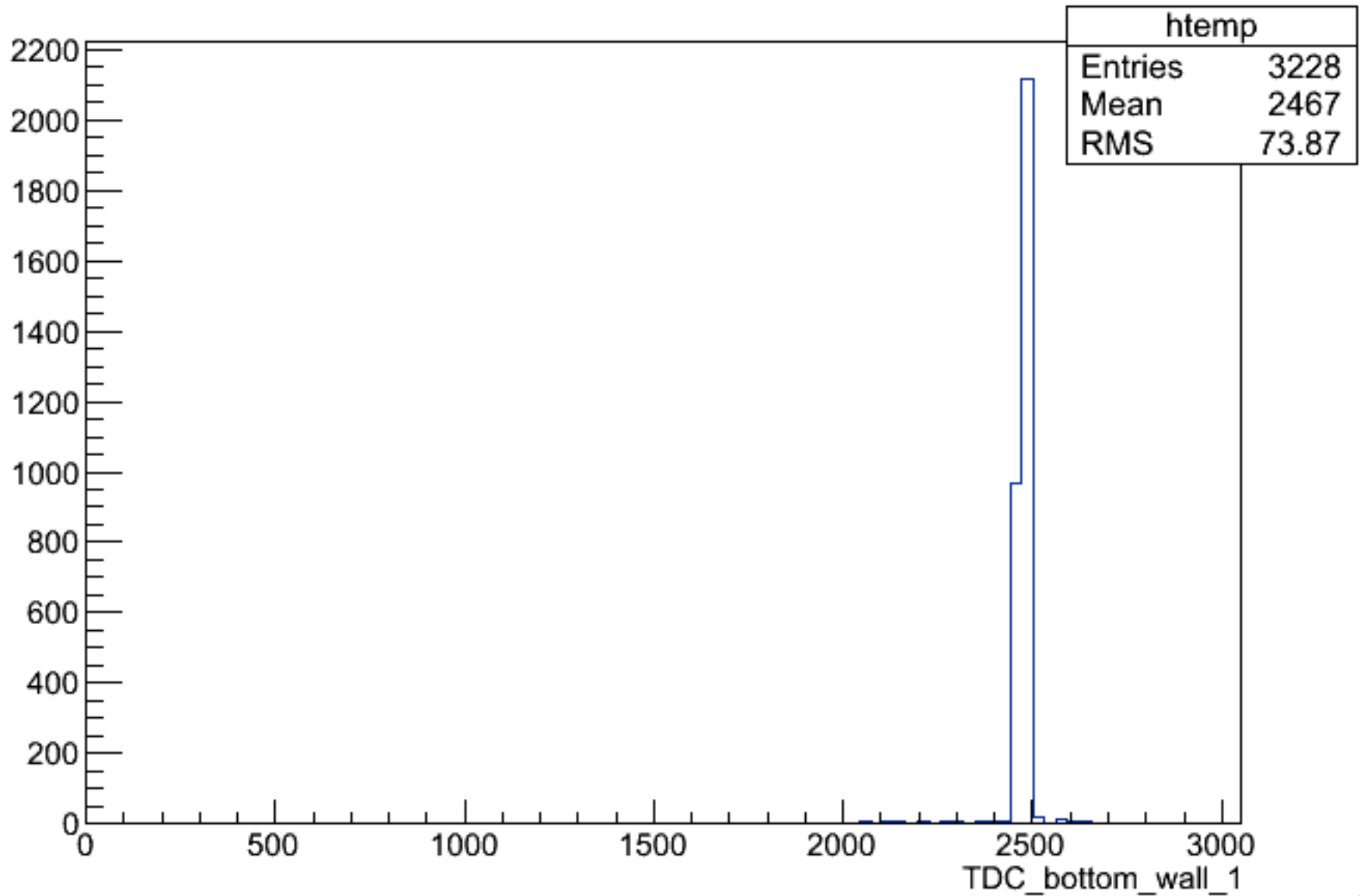
TDC_top_wall_3 (TDC_top_door_3<4000&&TDC_top_door_3>0&&TDC_top_wall_3<4000&&TDC_top_wall_3>0&&TDC_top_wall_3<4000)



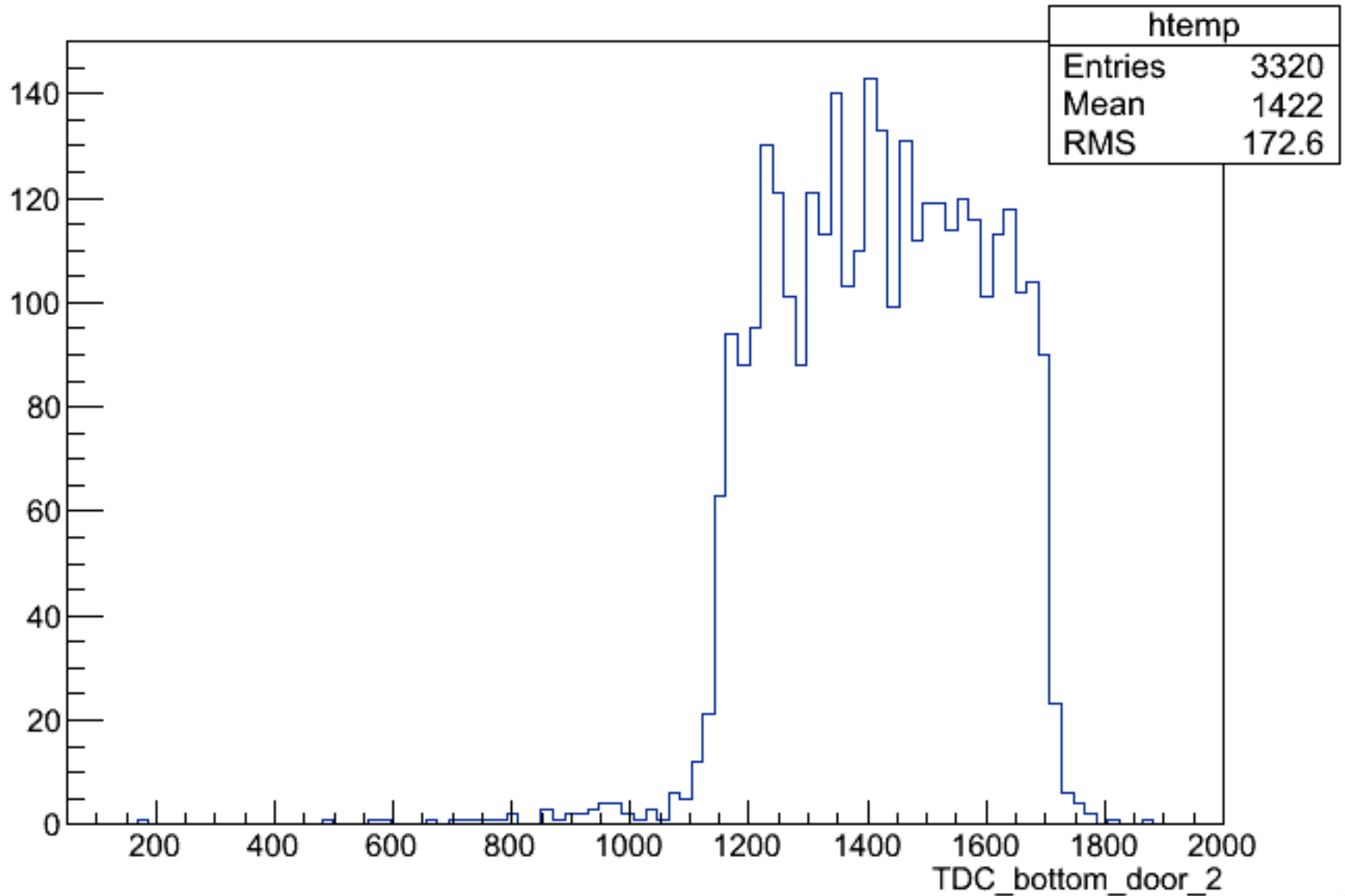
TDC_bottom_door_1 {TDC_bottom_door_1<4000&&TDC_bottom_door_1>0&&TDC_bottom_wall_1<4000&&TDC_bottom_wall_1>0}



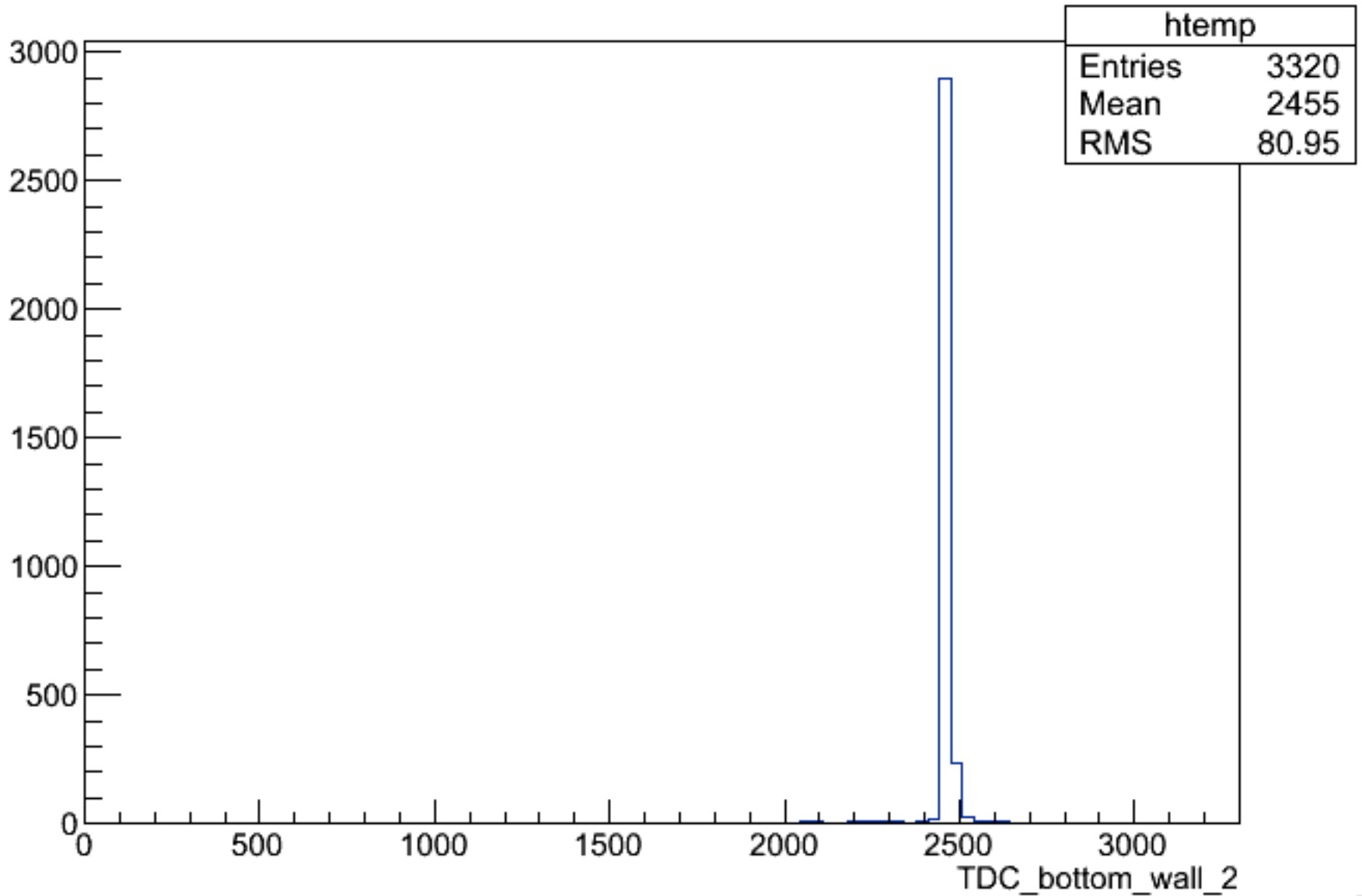
TDC_bottom_wall_1 (TDC_bottom_door_1<4000&&TDC_bottom_door_1>0&&TDC_bottom_wall_1<4000&&TDC_bottom_wall_1>0)



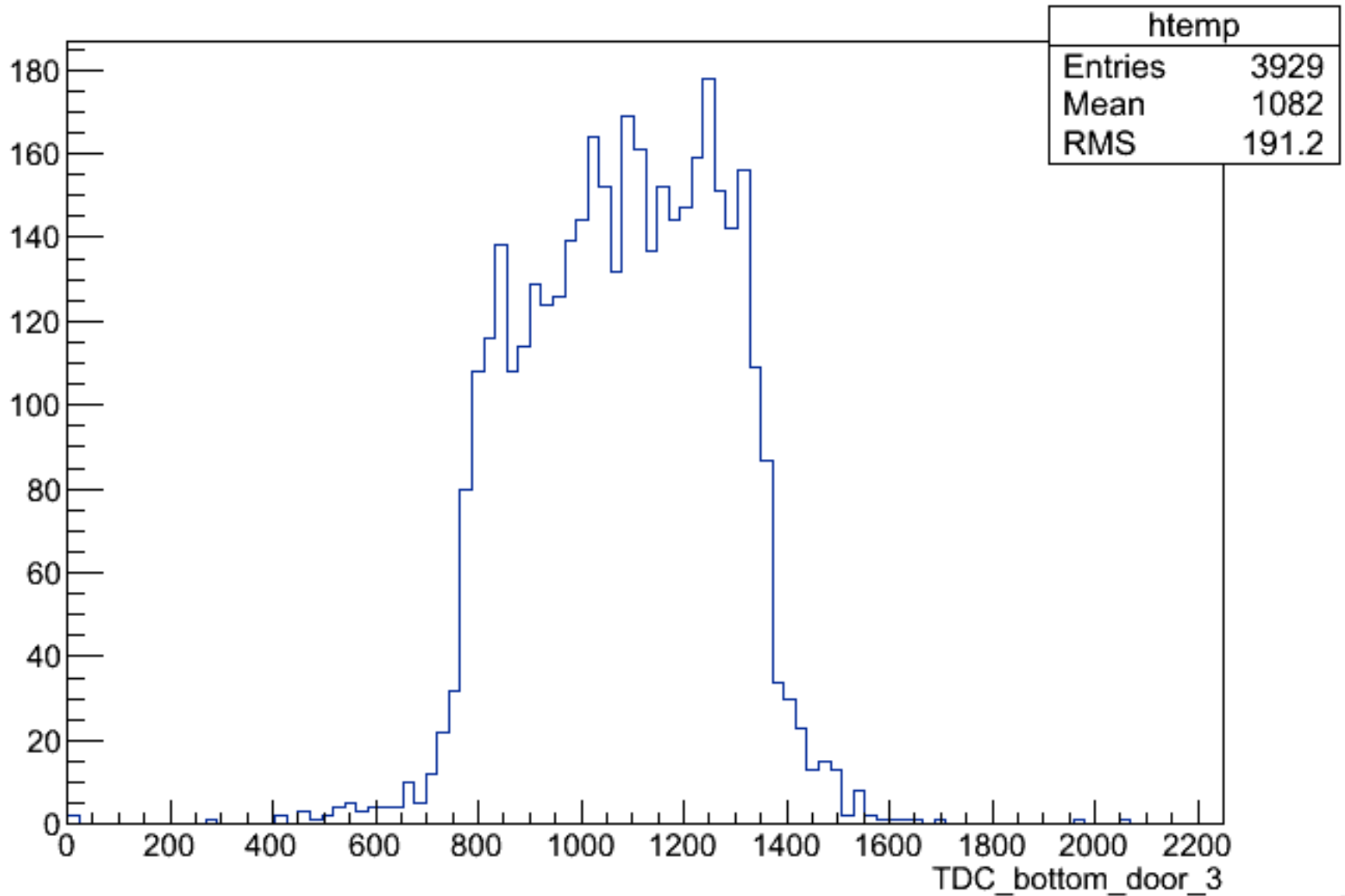
TDC_bottom_door_2 (TDC_bottom_door_2<4000&&TDC_bottom_door_2>0&&TDC_bottom_wall_2<4000&&TDC_bottom_wall_2>0)



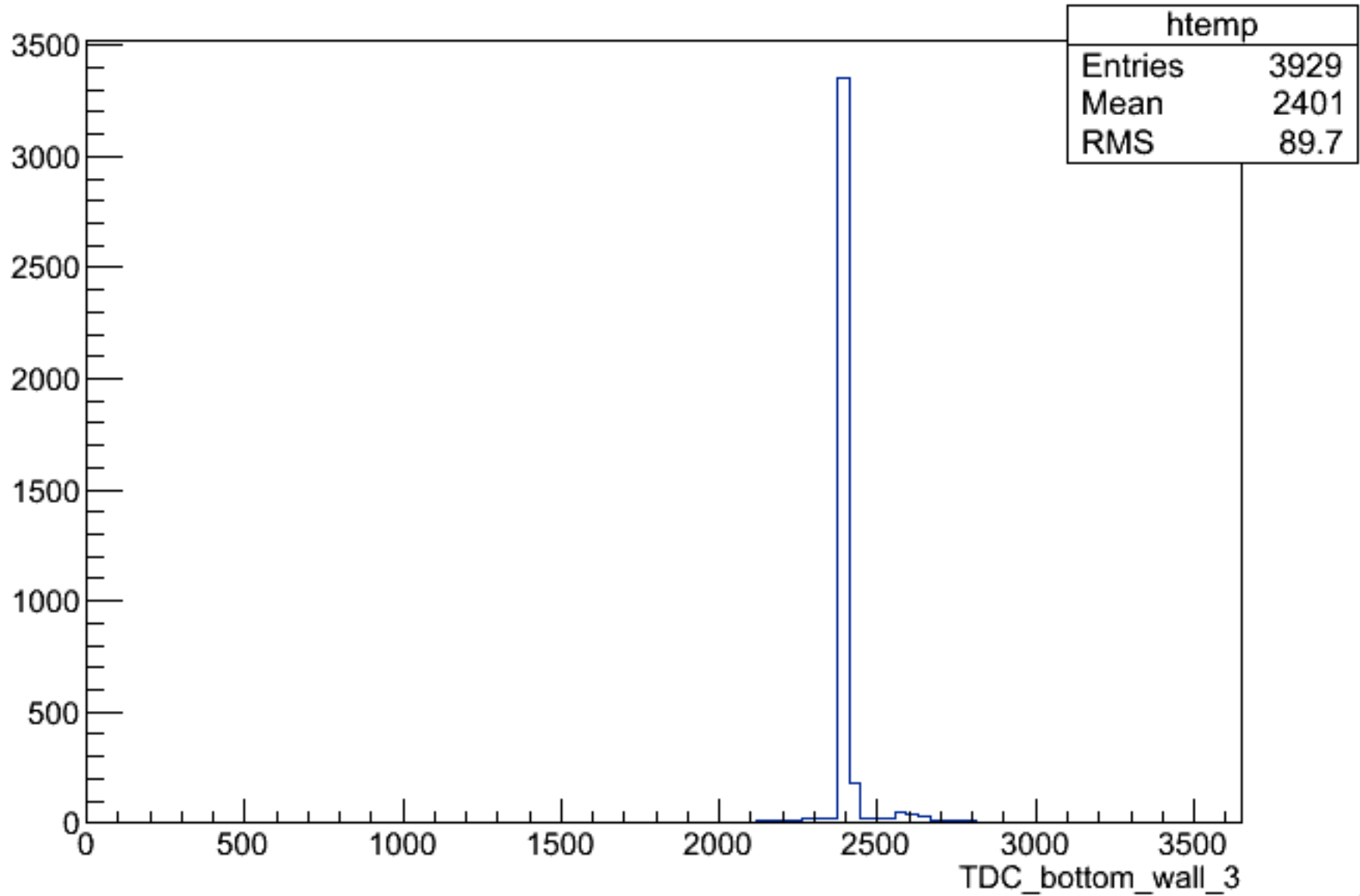
TDC_bottom_wall_2 (TDC_bottom_door_2<4000&&TDC_bottom_door_2>0&&TDC_bottom_wall_2<4000&&TDC_bottom_wall_2>0)



TDC_bottom_door_3 (TDC_bottom_door_3<4000&&TDC_bottom_door_3>0&&TDC_bottom_wall_3<4000&&TDC_bottom_wall_3>0)



TDC_bottom_wall_3 (TDC_bottom_door_3<4000&&TDC_bottom_door_3>0&&TDC_bottom_wall_3<4000&&TDC_bottom_wall_3>0)



DATA - ADC