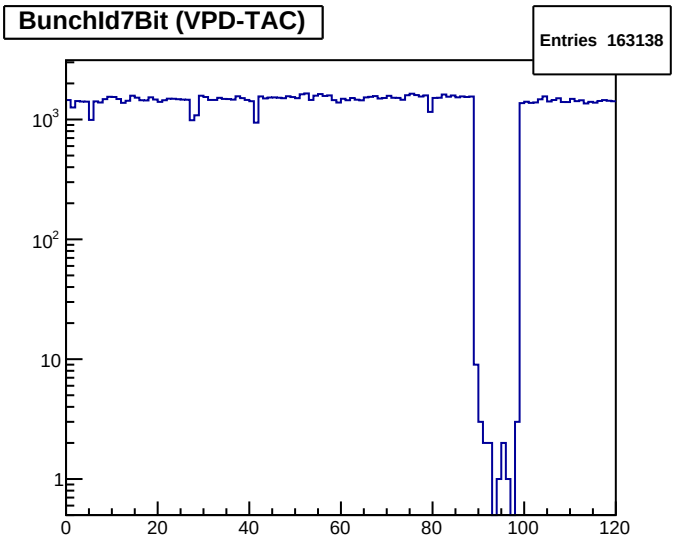
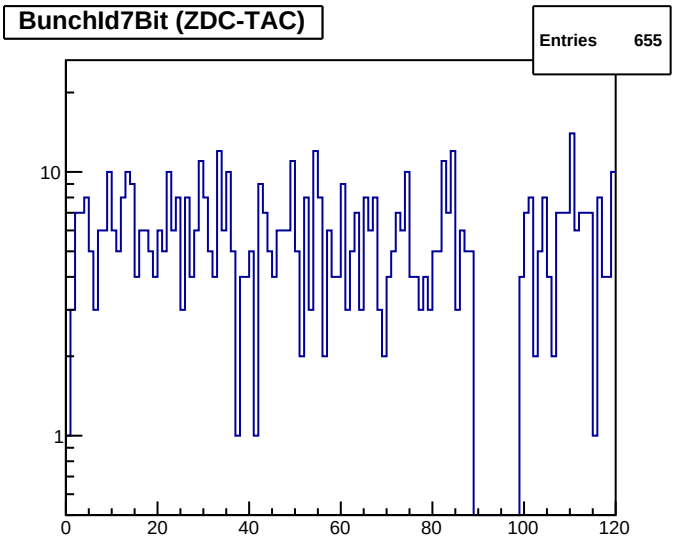
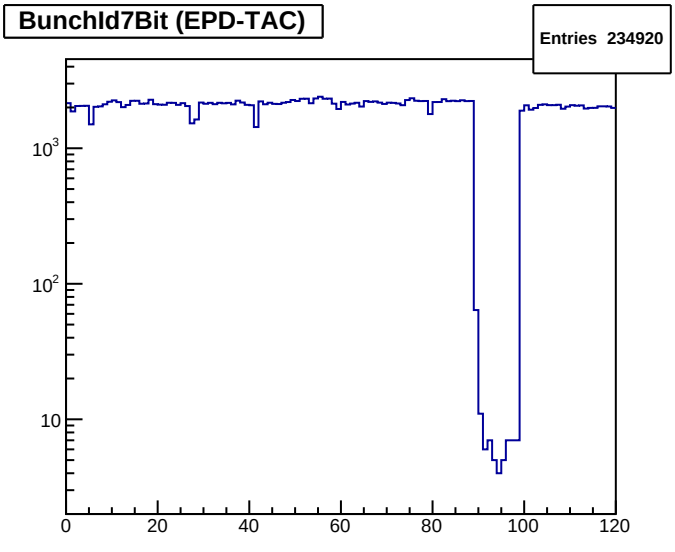
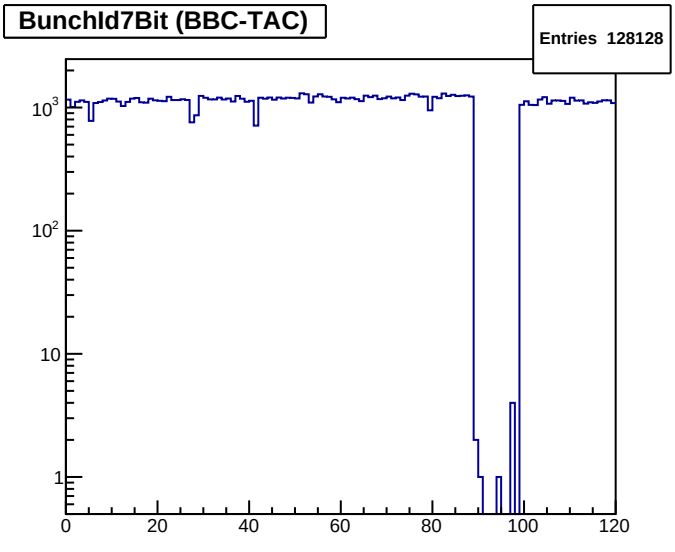
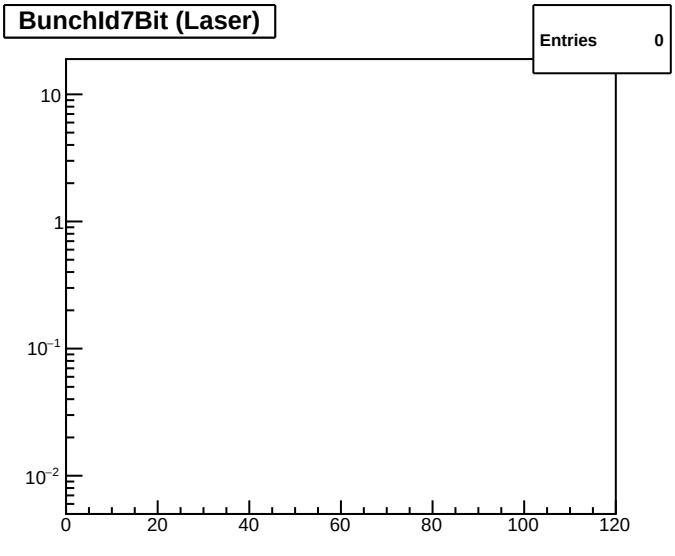
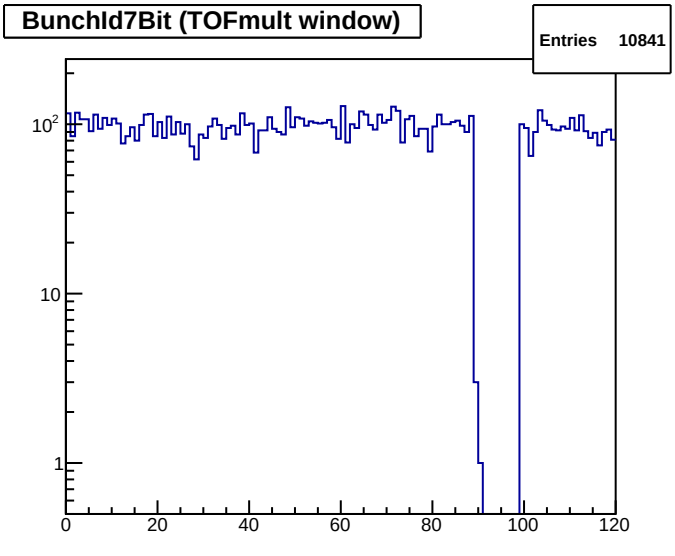

BunchId7Bit (VPD-TAC)
Entries 163138

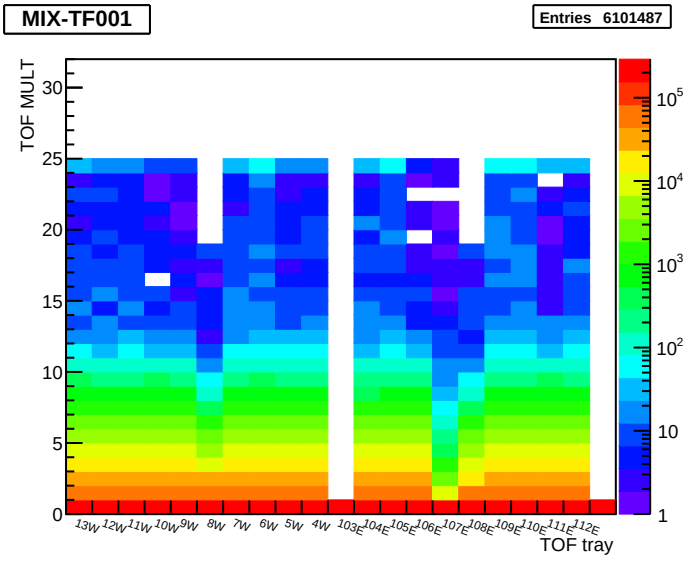

BunchId7Bit (ZDC-TAC)
Entries 655

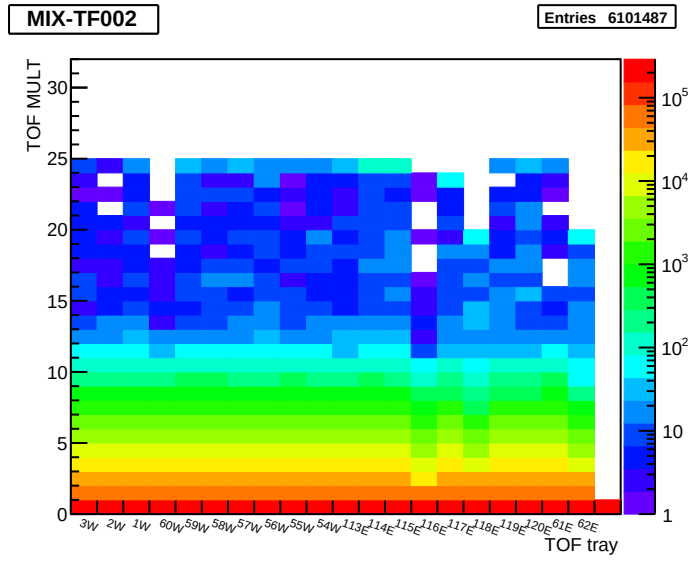

BunchId7Bit (EPD-TAC)
Entries 234920

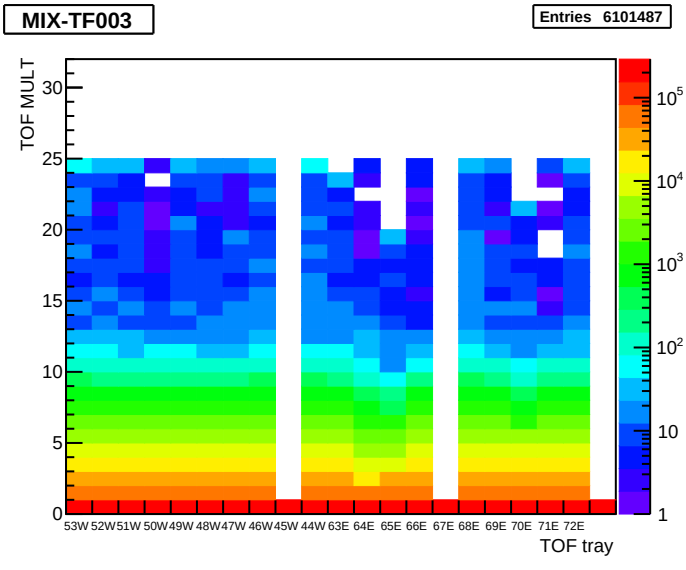

BunchId7Bit (BBC-TAC)
Entries 128128

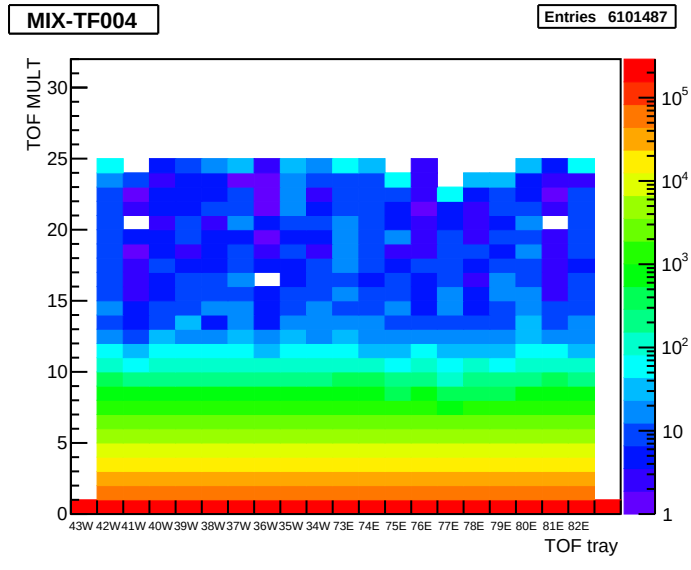

BunchId7Bit (Laser)
Entries 0

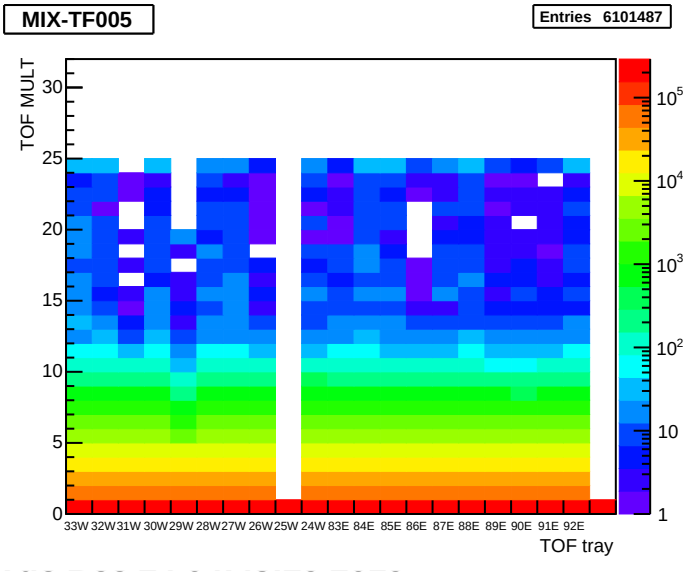

BunchId7Bit (TOFmult window)
Entries 10841

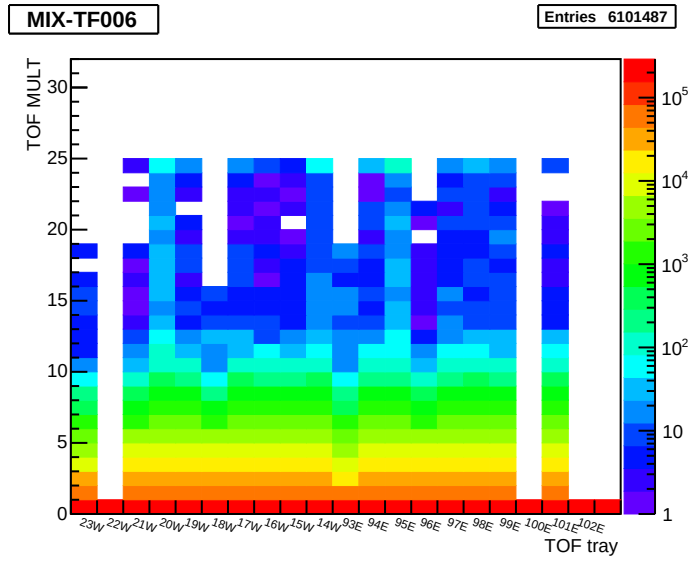

MIX-TF001
Entries 6101487
TOF MULT
TOF tray

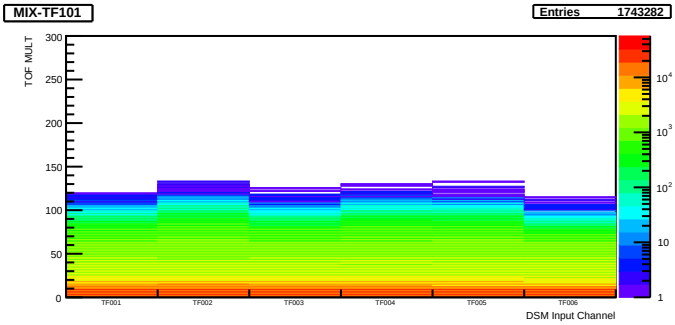

MIX-TF002
Entries 6101487
TOF MULT
TOF tray

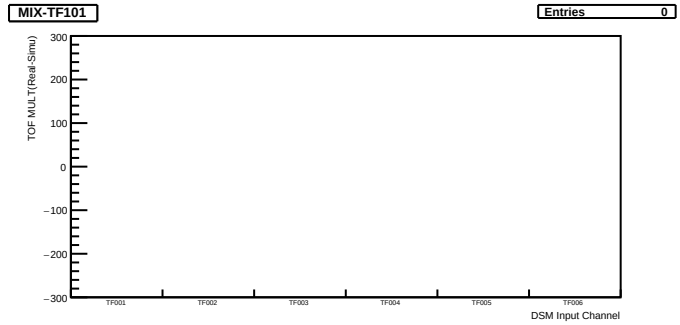

MIX-TF003
Entries 6101487
TOF MULT
TOF tray

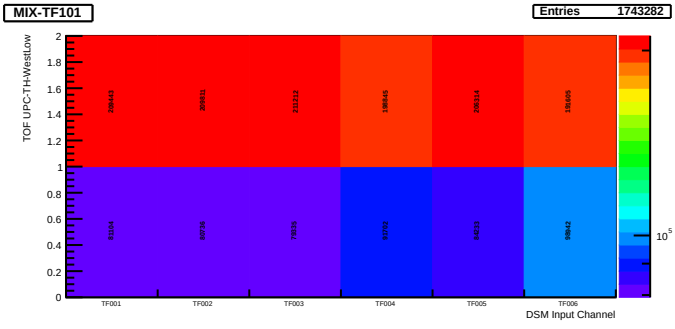

MIX-TF004
Entries 6101487
TOF MULT
TOF tray

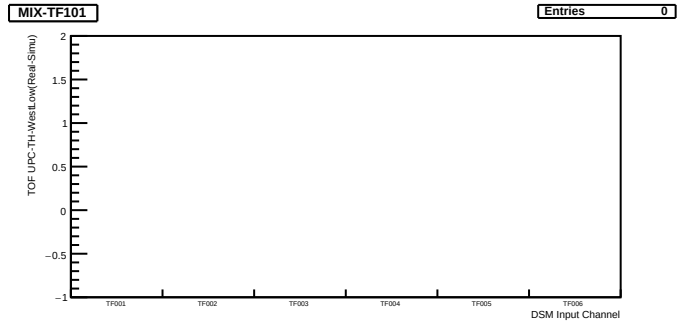

MIX-TF005
Entries 6101487
TOF MULT
TOF tray

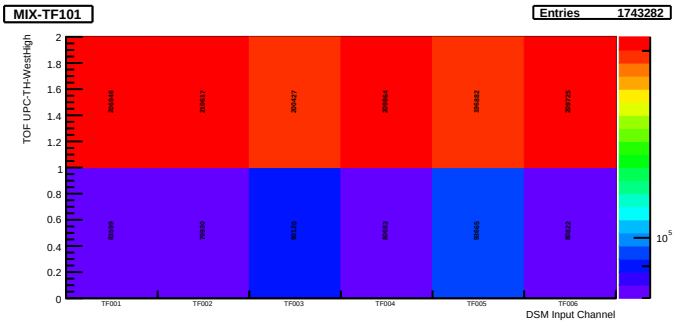

MIX-TF006
Entries 6101487
TOF MULT
TOF tray

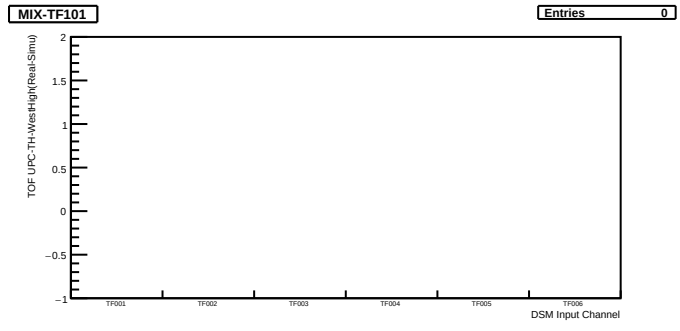

MIX-TF101
Entries 1743282
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

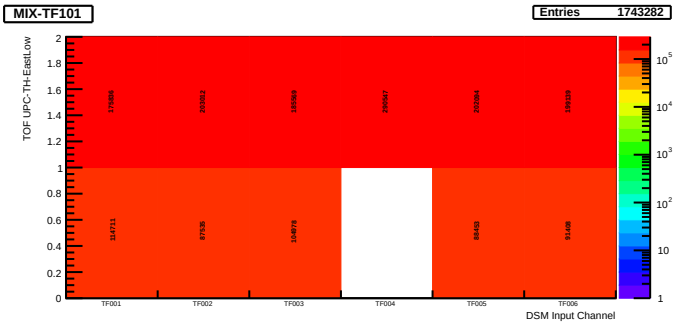

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

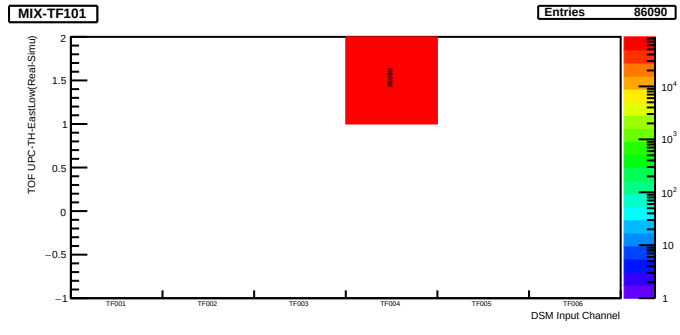

MIX-TF101
Entries 1743282
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

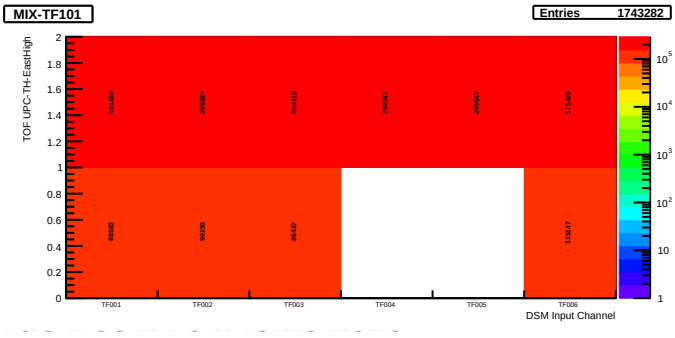

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

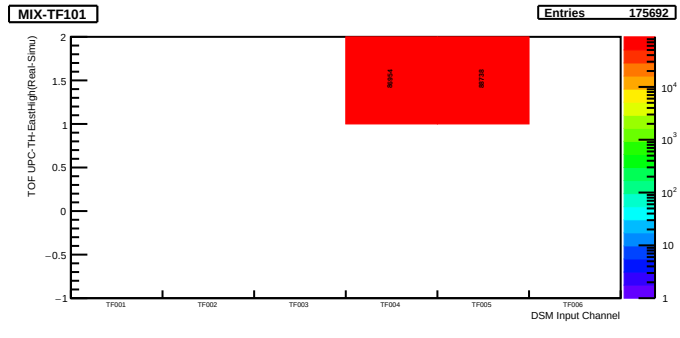

MIX-TF101
Entries 1743282
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

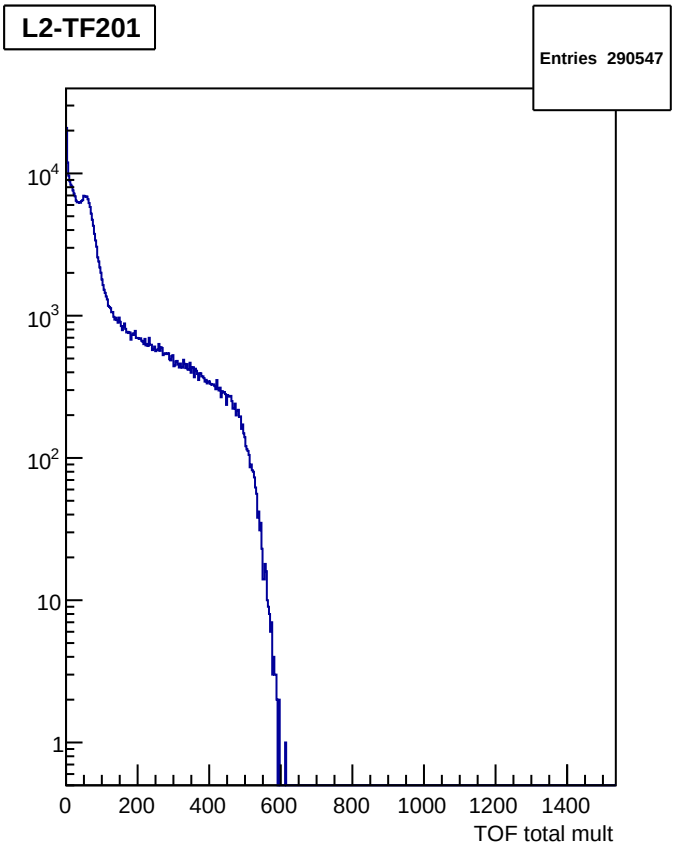

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

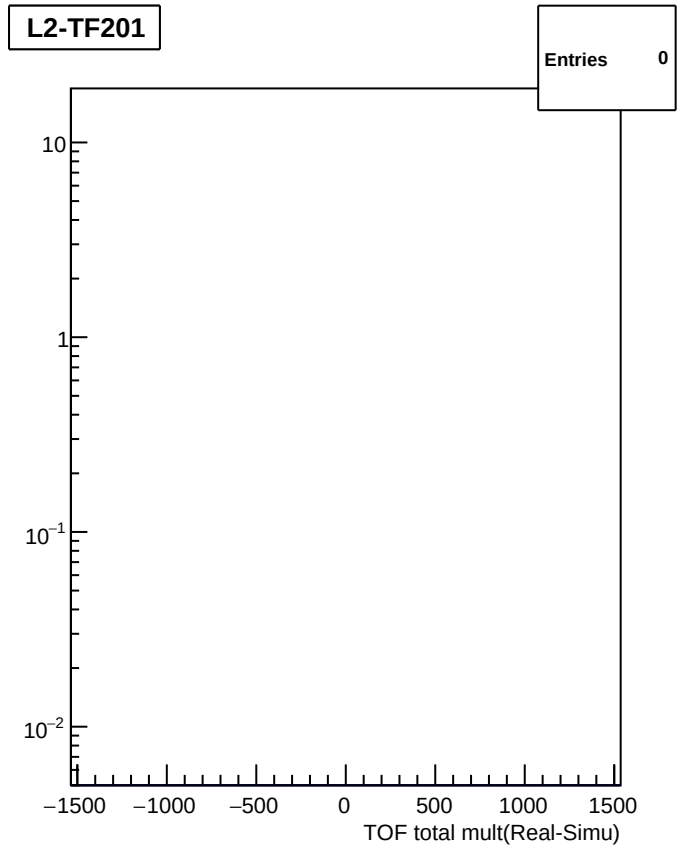

MIX-TF101
Entries 1743282
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

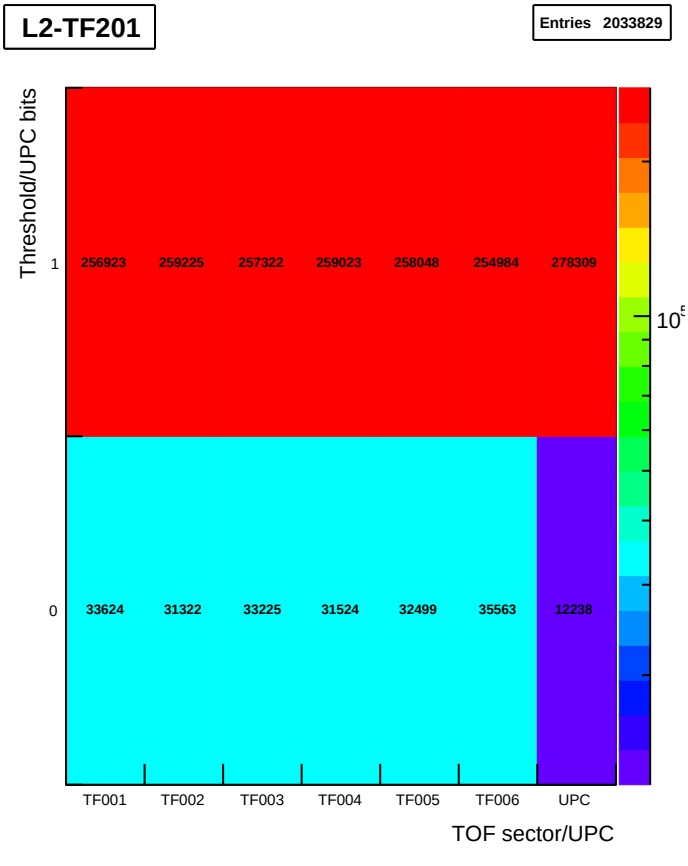

MIX-TF101
Entries 86090
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

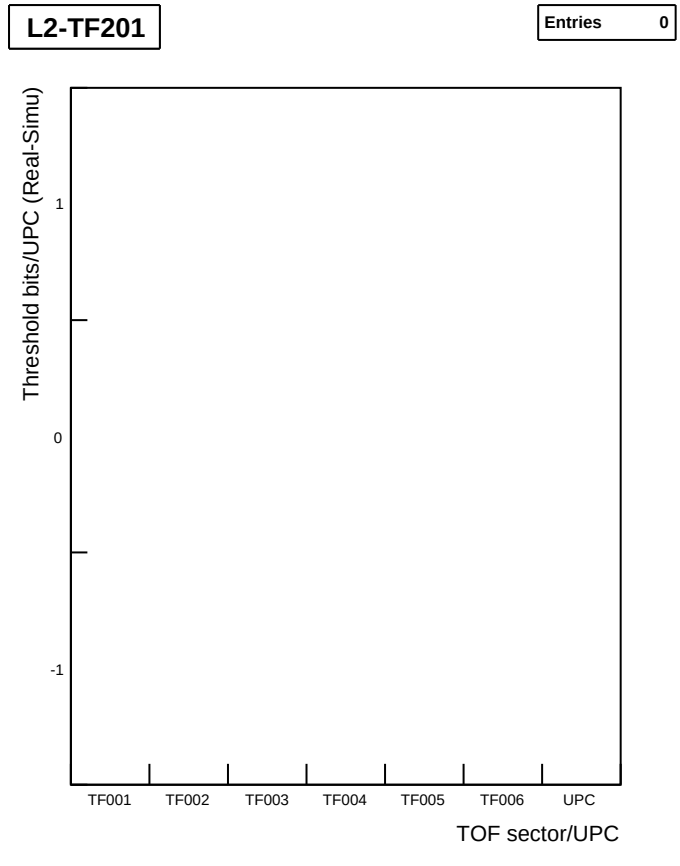

MIX-TF101
Entries 1743282
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

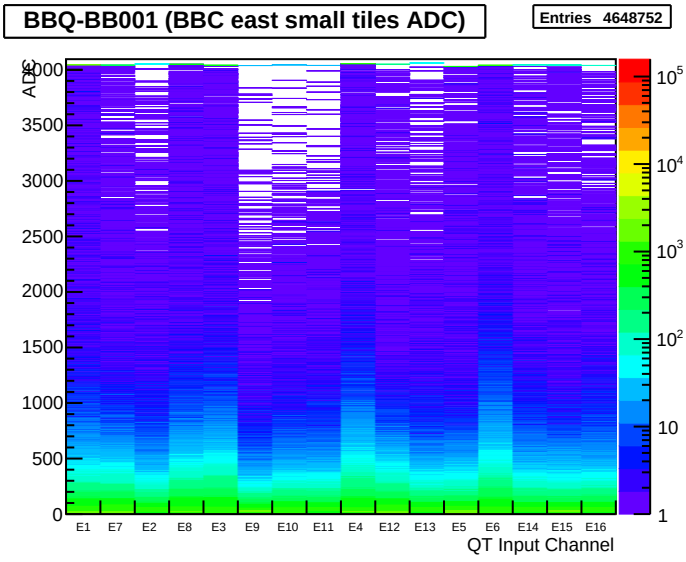

MIX-TF101
Entries 175692
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

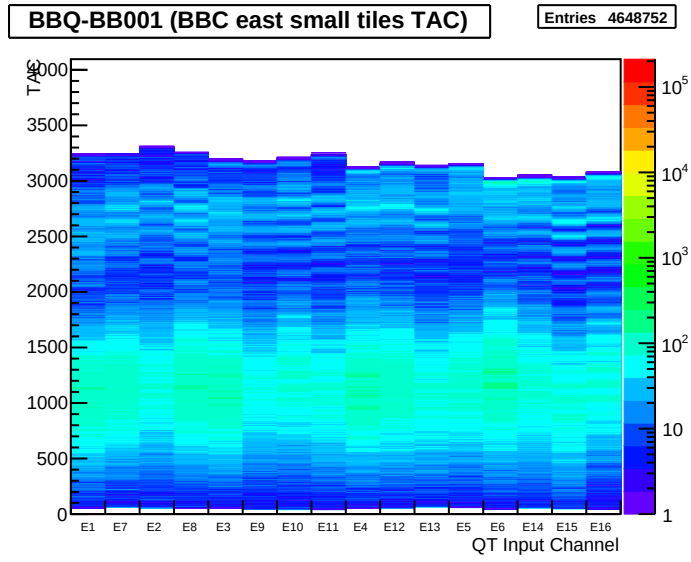

L2-TF201
Entries 290547
TOF total mult

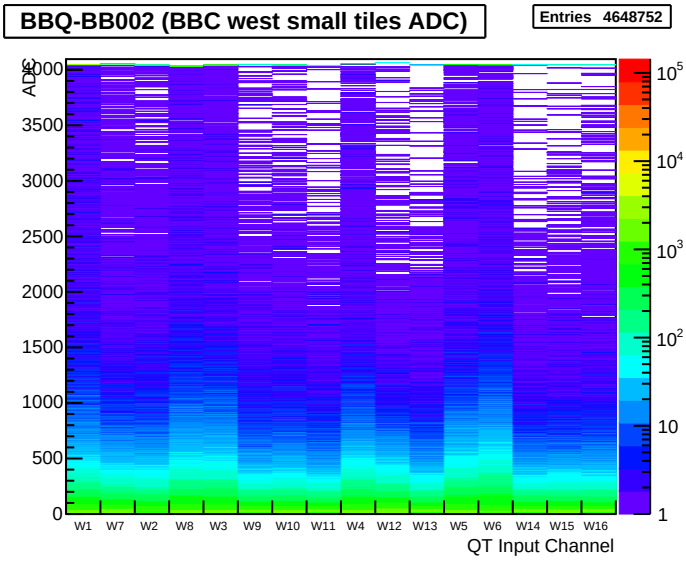

L2-TF201
Entries 0
TOF total mult(Real-Simu)

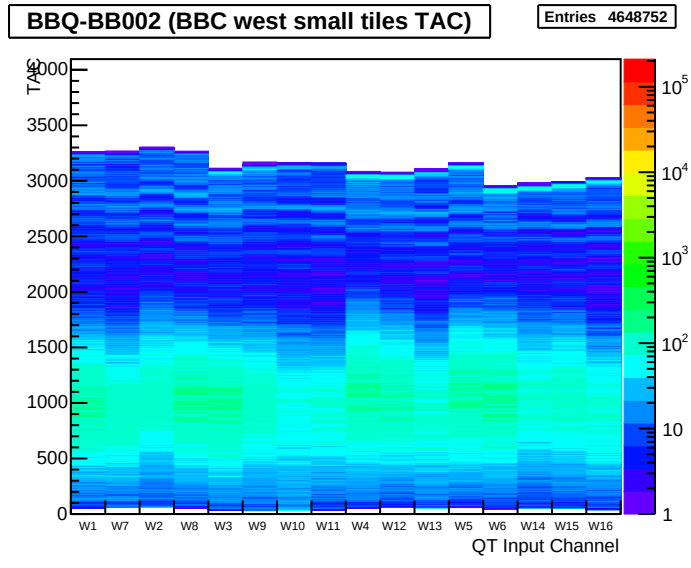

L2-TF201
Entries 2033829
Threshold/UPC bits
256923
259225
257322
259023
258048
254984
278309
33624
31322
33225
31524
32499
35563
12238
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

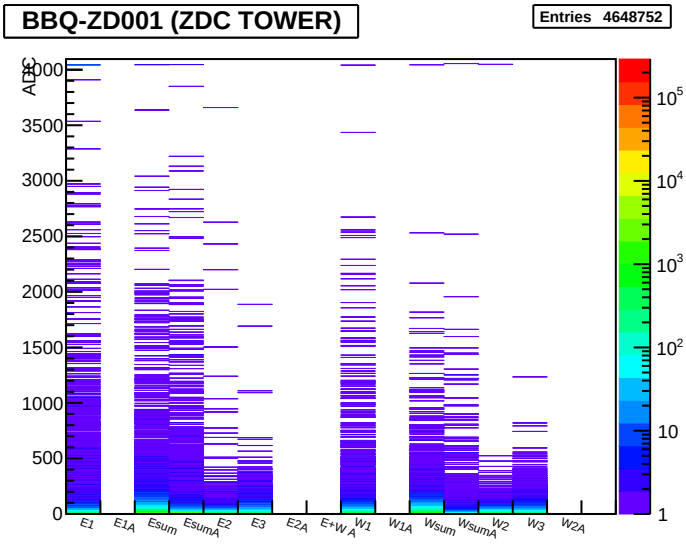

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

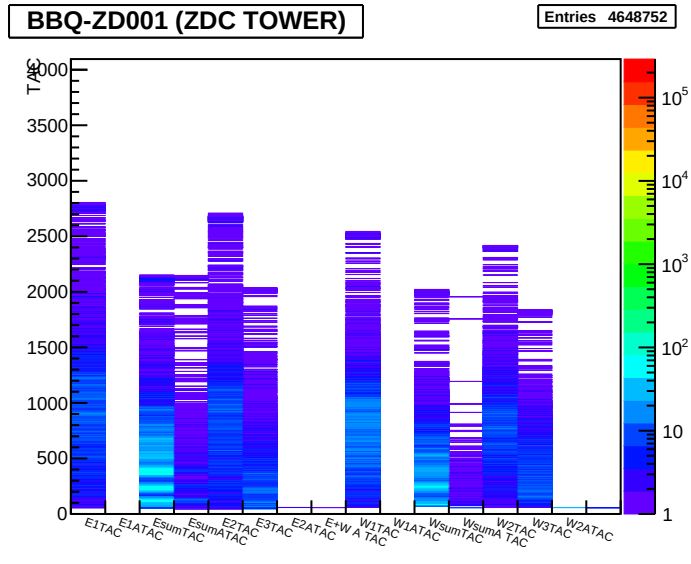

BBQ-BB001 (BBC east small tiles ADC)
Entries 4648752
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

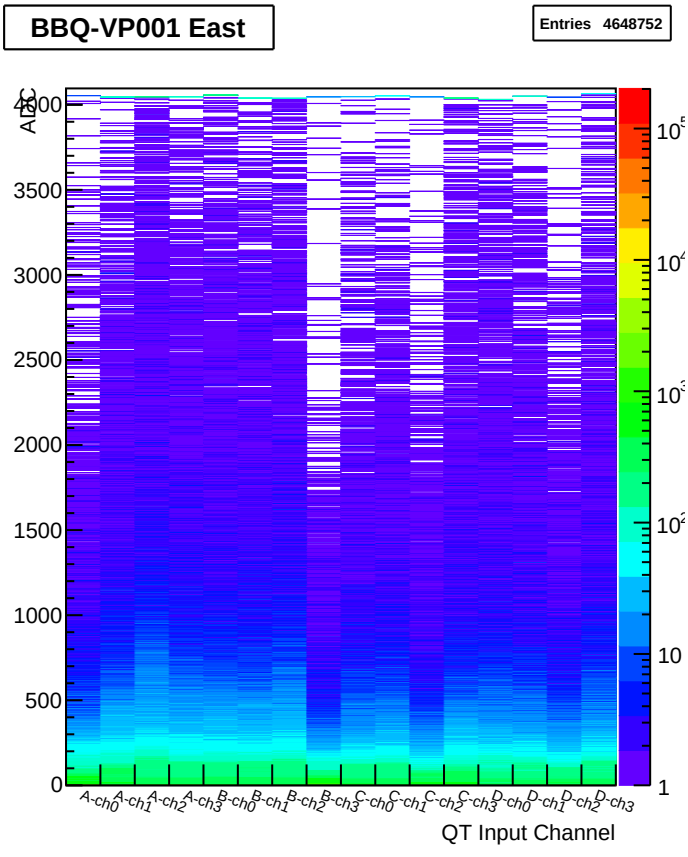

BBQ-BB001 (BBC east small tiles TAC)
Entries 4648752
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

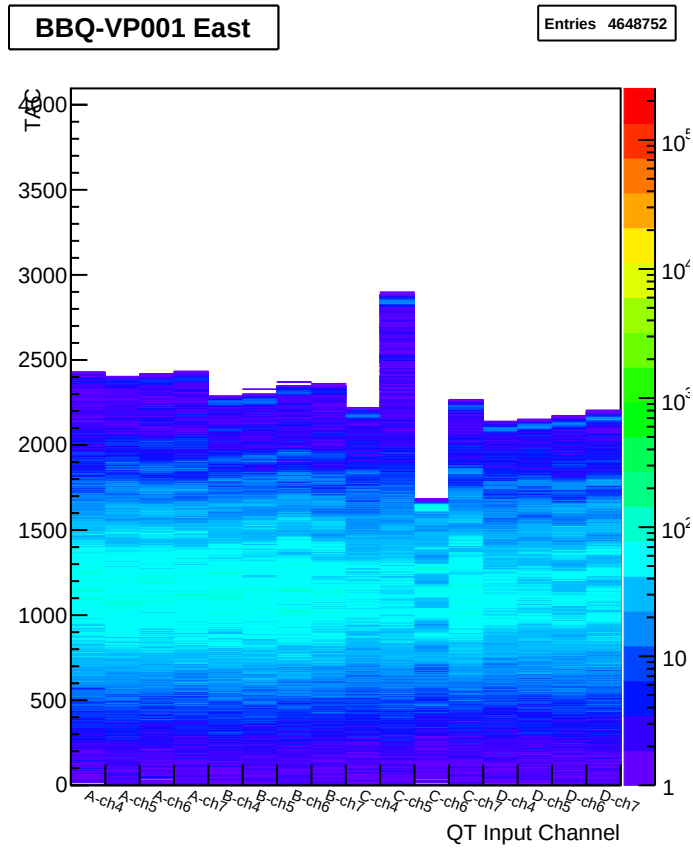

BBQ-BB002 (BBC west small tiles ADC)
Entries 4648752
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

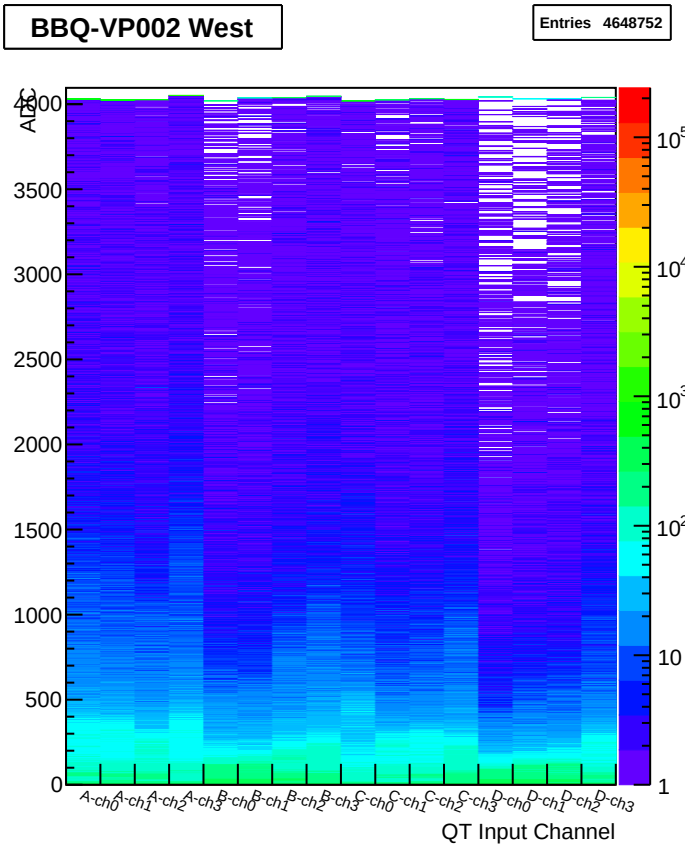

BBQ-BB002 (BBC west small tiles TAC)
Entries 4648752
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

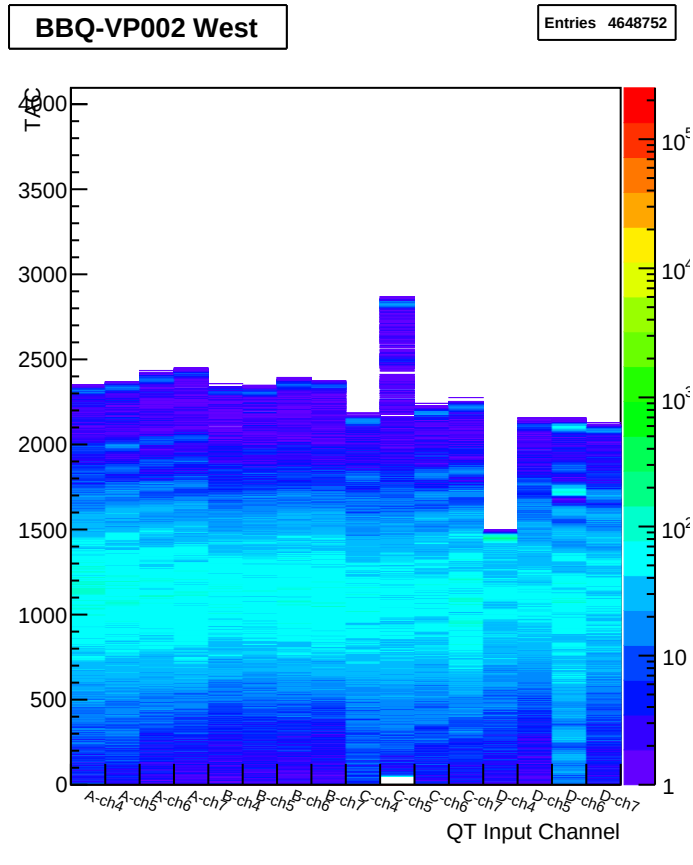

BBQ-ZD001 (ZDC TOWER)
Entries 4648752
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

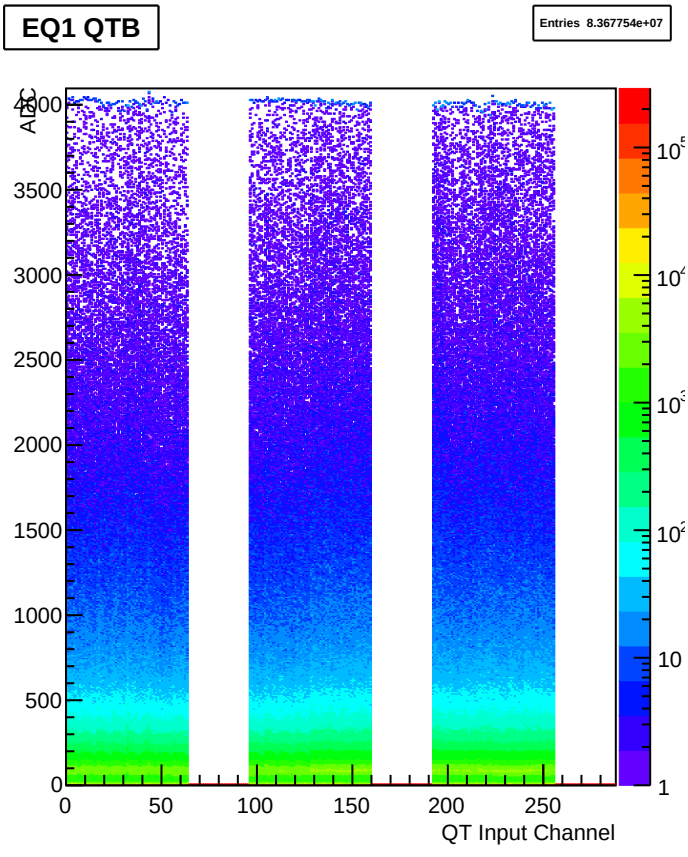

BBQ-ZD001 (ZDC TOWER)
Entries 4648752
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

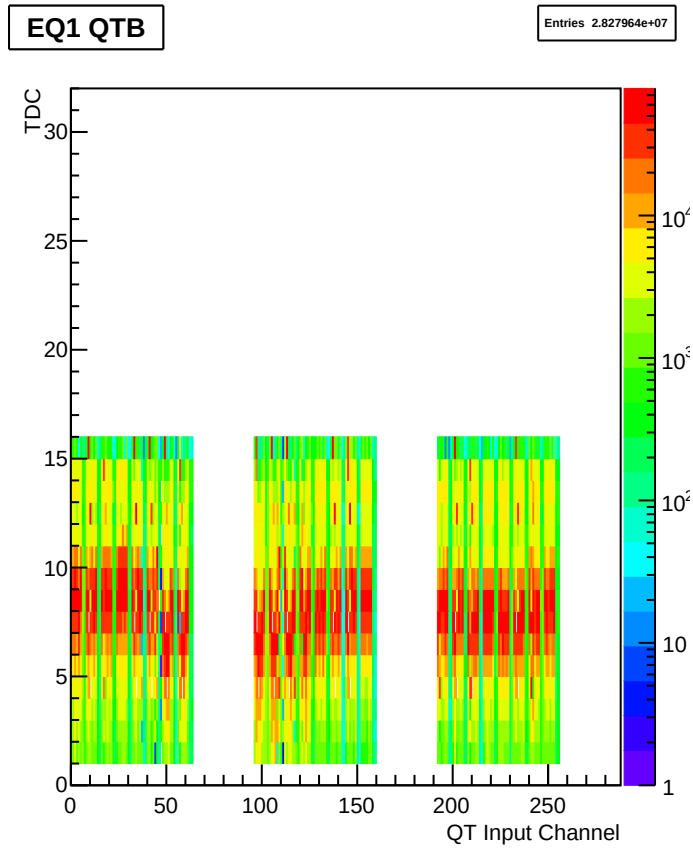

BBQ-VP001 East
Entries 4648752
ADC
QT Input Channel

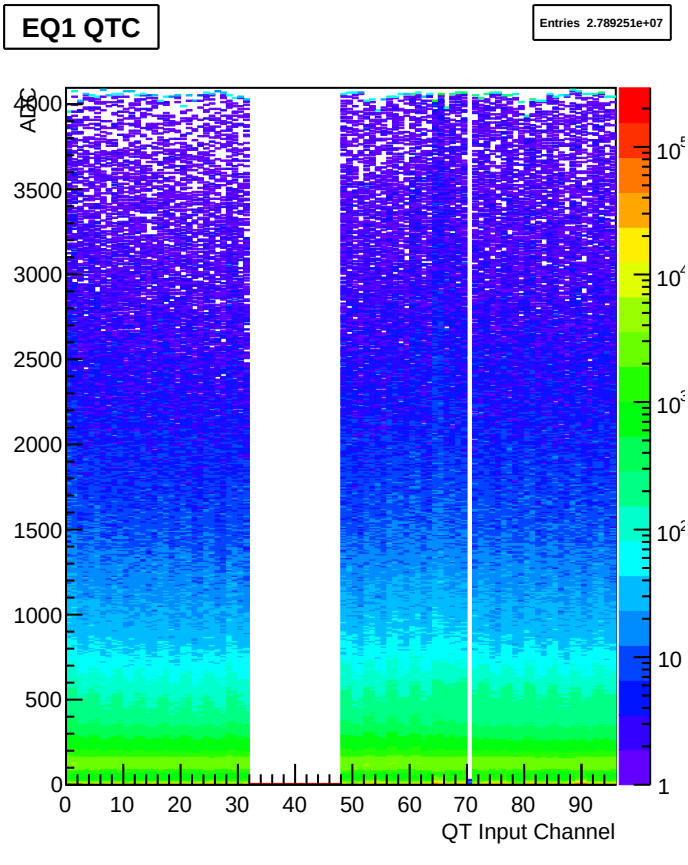

BBQ-VP001 East
Entries 4648752
TADC
QT Input Channel

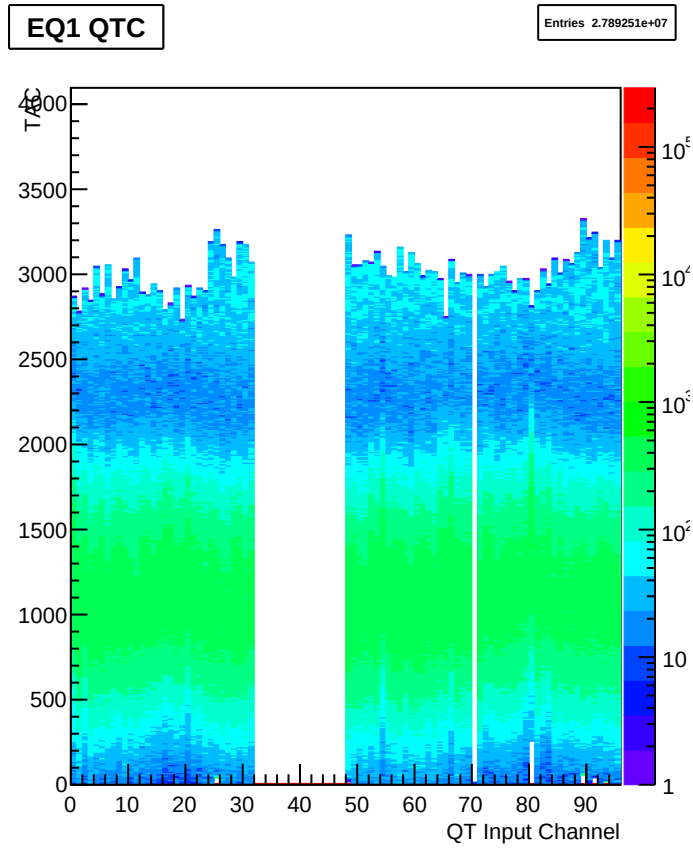

BBQ-VP002 West
Entries 4648752
ADC
QT Input Channel

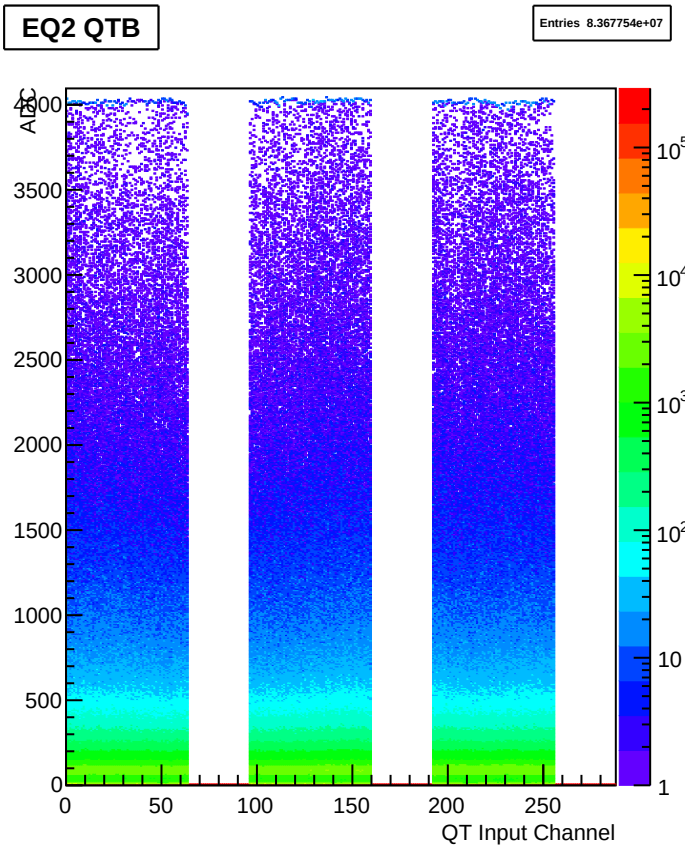

BBQ-VP002 West
Entries 4648752
TADC
QT Input Channel

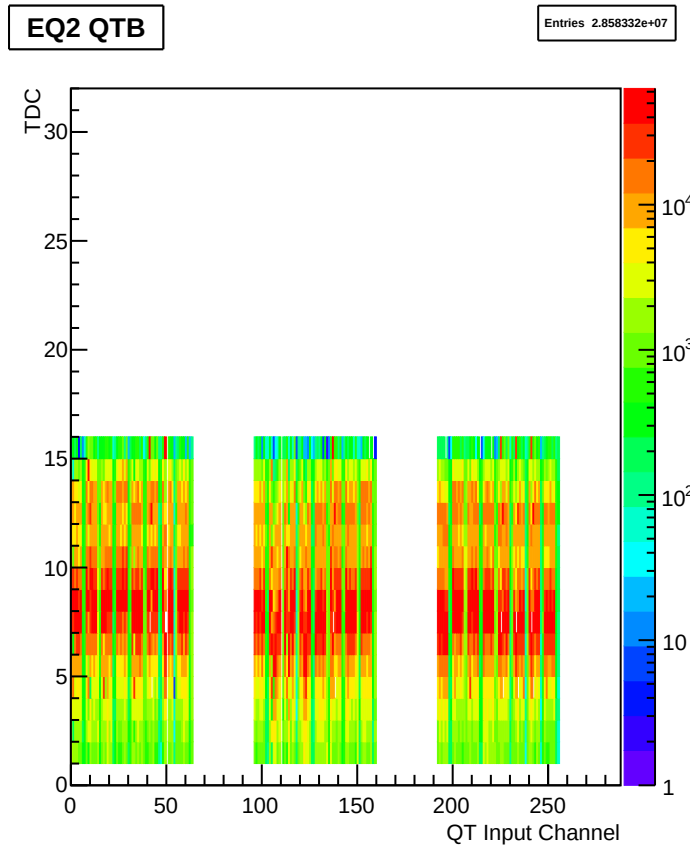

EQ1 QTB
Entries 8.367754e+07
ADC
QT Input Channel

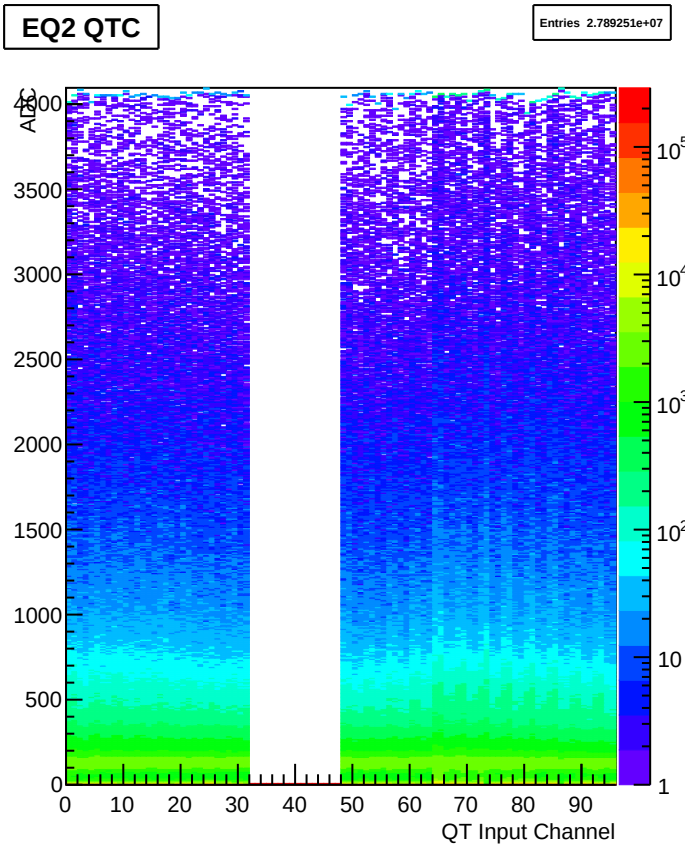

EQ1 QTB
Entries 2.827964e+07
TDC
QT Input Channel

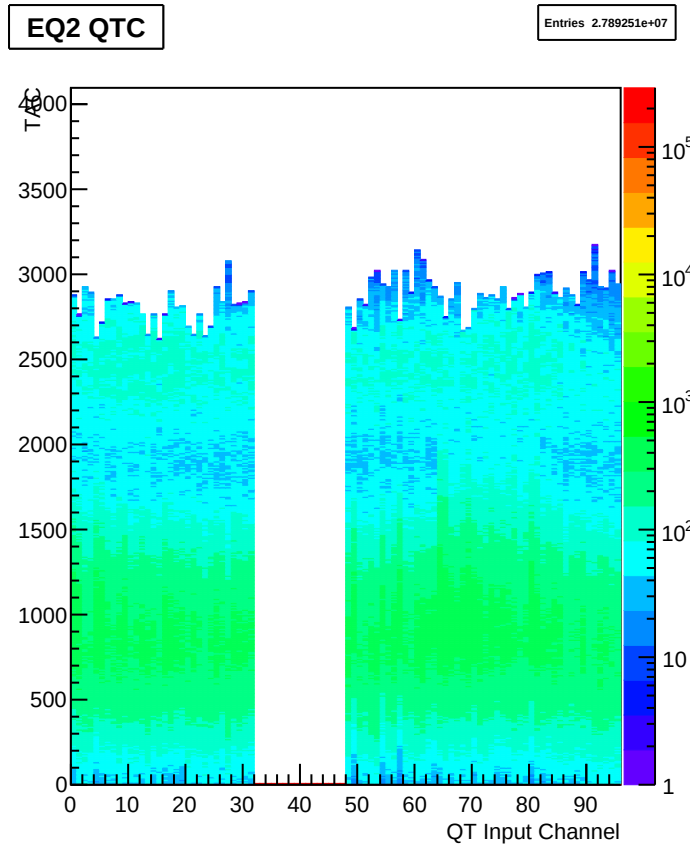

EQ1 QTC
Entries 2.789251e+07
ADC
QT Input Channel

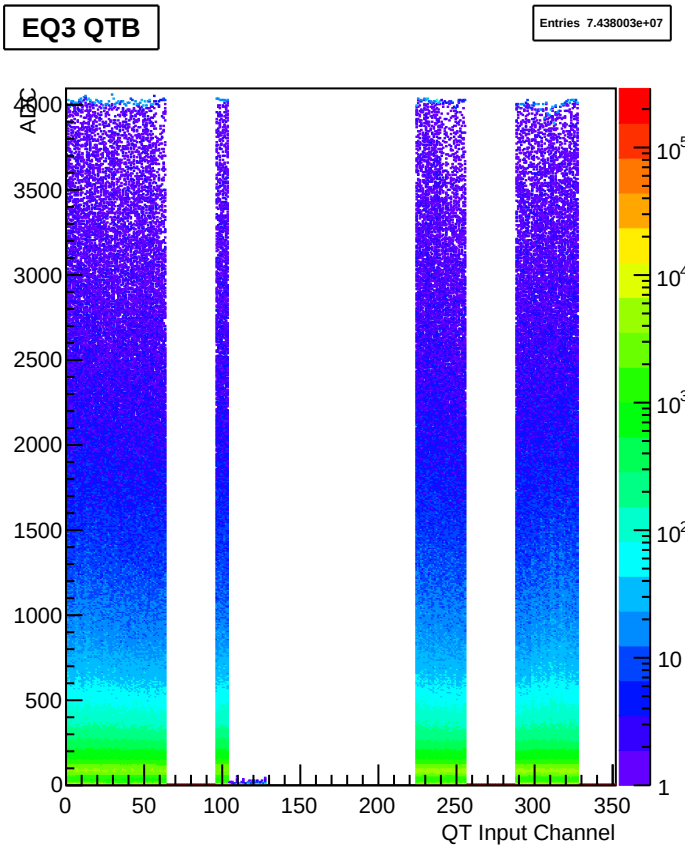

EQ1 QTC
Entries 2.789251e+07
TADC
QT Input Channel

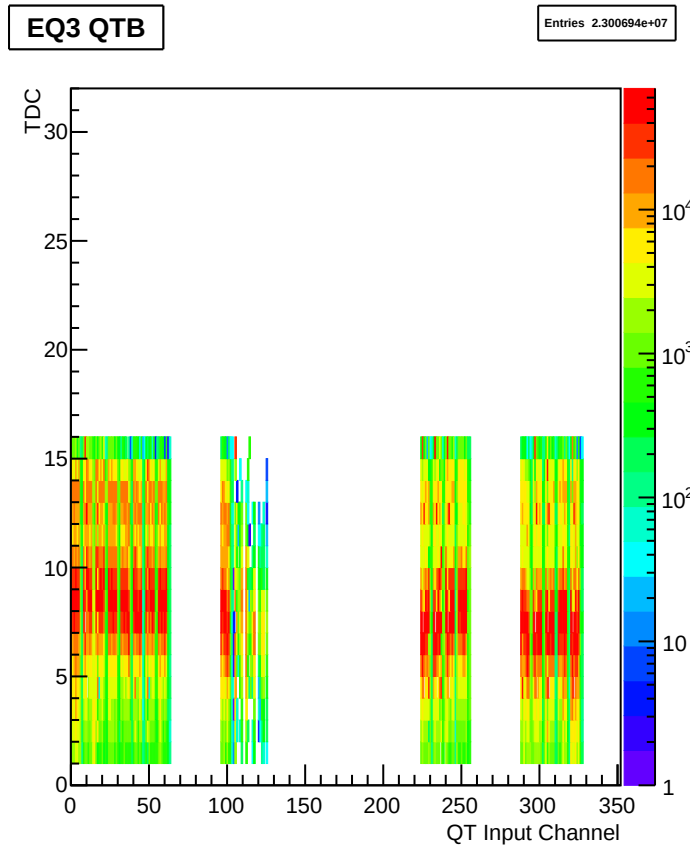

EQ2 QTB
Entries 8.367754e+07
ADC
QT Input Channel

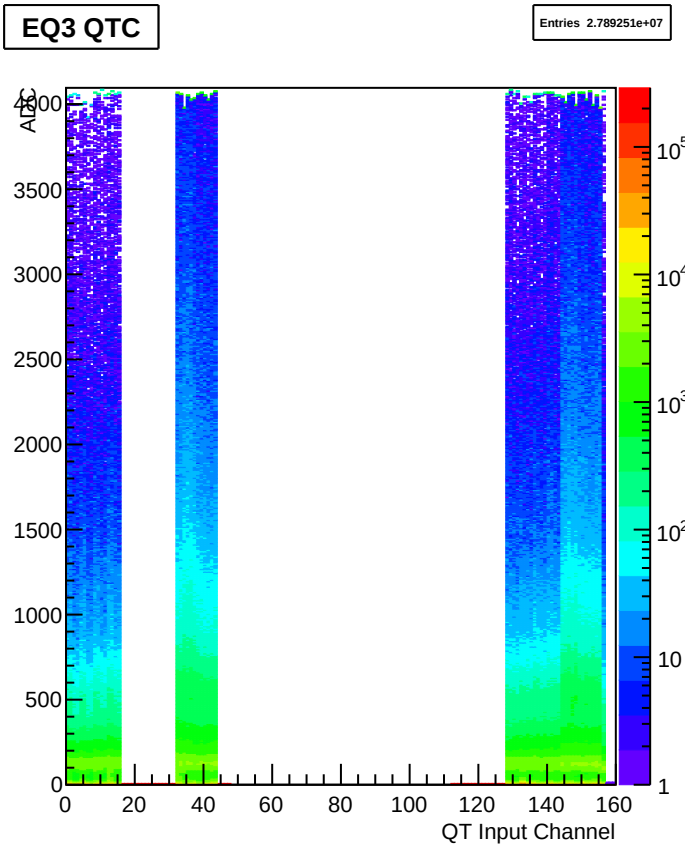

EQ2 QTB
Entries 2.858332e+07
TDC
QT Input Channel

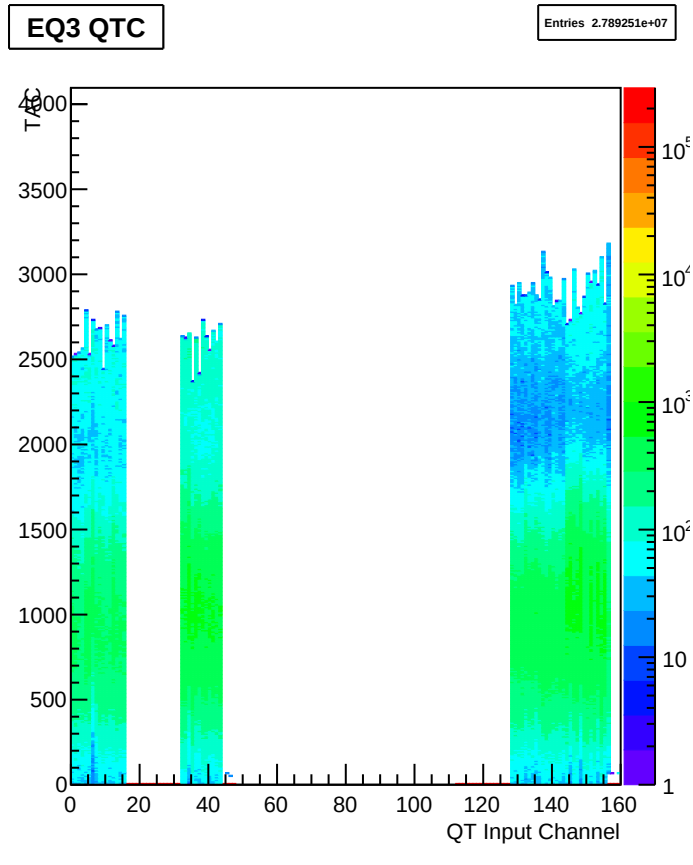

EQ2 QTC
Entries 2.789251e+07
ADC
QT Input Channel

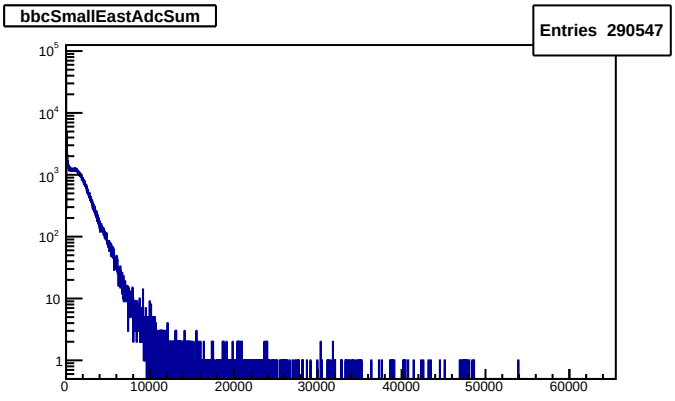

EQ2 QTC
Entries 2.789251e+07
TADC
QT Input Channel

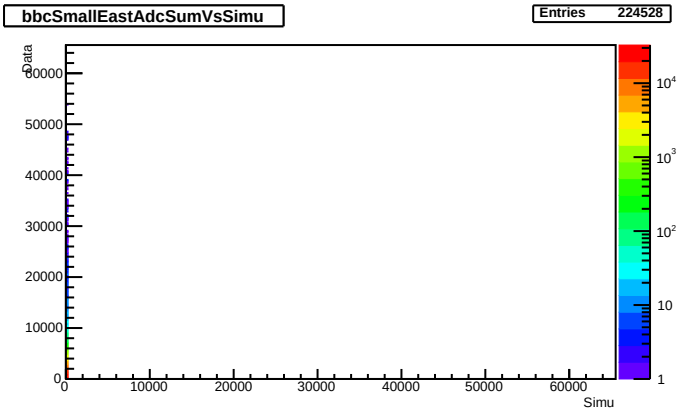

EQ3 QTB
Entries 7.438003e+07
ADC
QT Input Channel

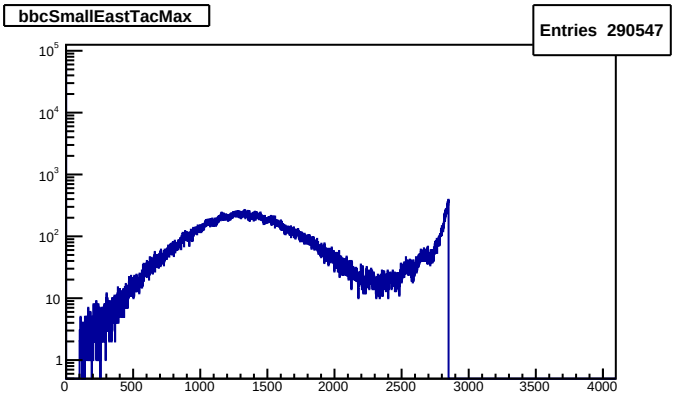

EQ3 QTB
Entries 2.300694e+07
TDC
QT Input Channel

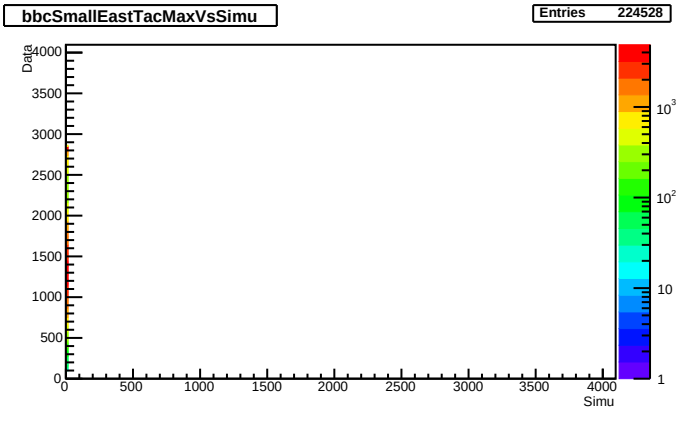

EQ3 QTC
Entries 2.789251e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.789251e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 290547


bbcSmallEastAdcSumVsSimu
Entries 224528
Data
Simu


bbcSmallEastTacMax
Entries 290547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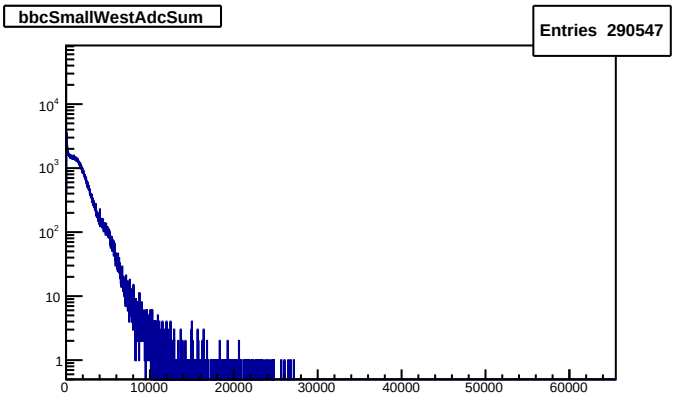
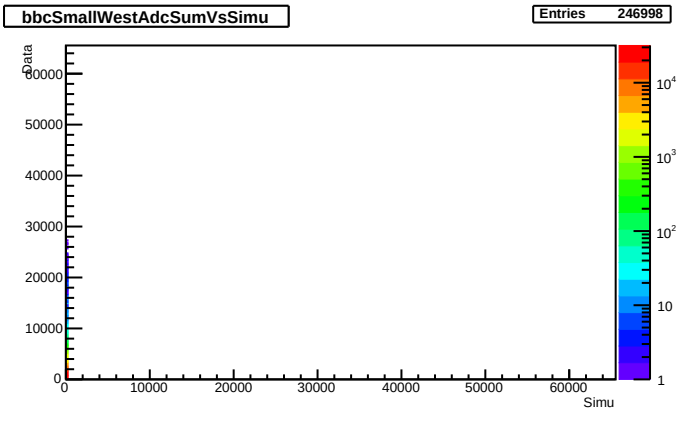
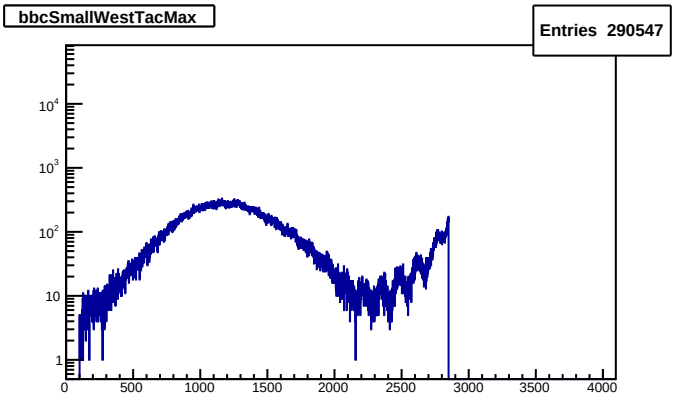
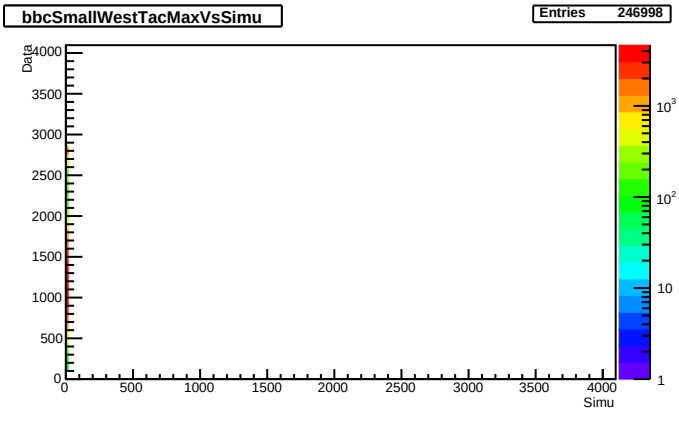
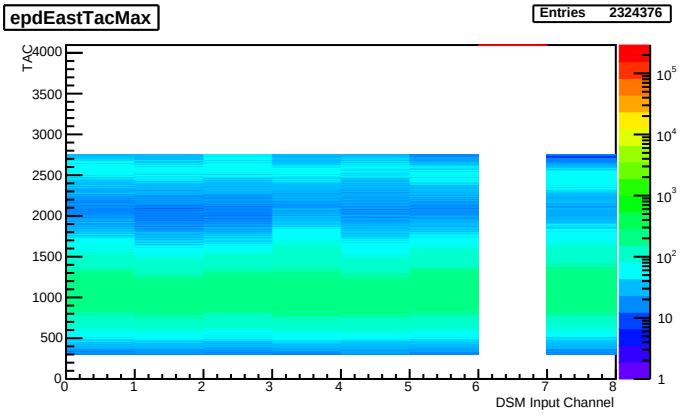
Entries 224528
Data
Simu

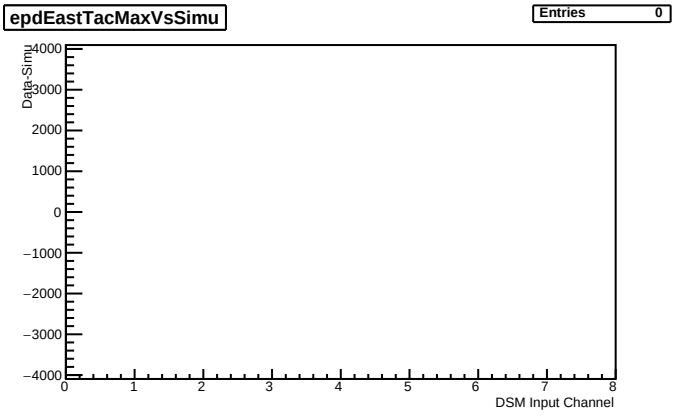

bbcSmallWestAdcSum
Entries 290547

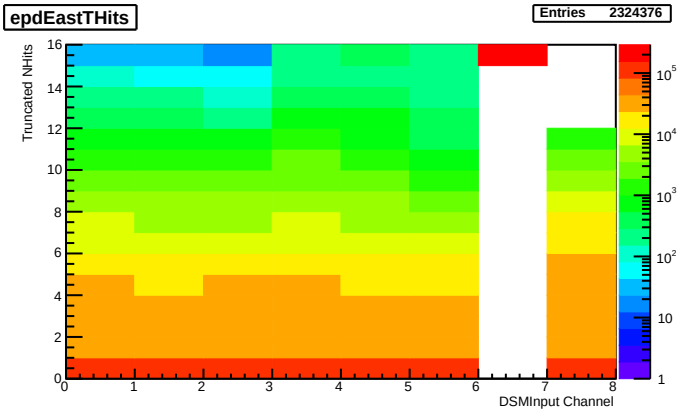

bbcSmallWestAdcSumVsSimu
Entries 246998
Data
Simu

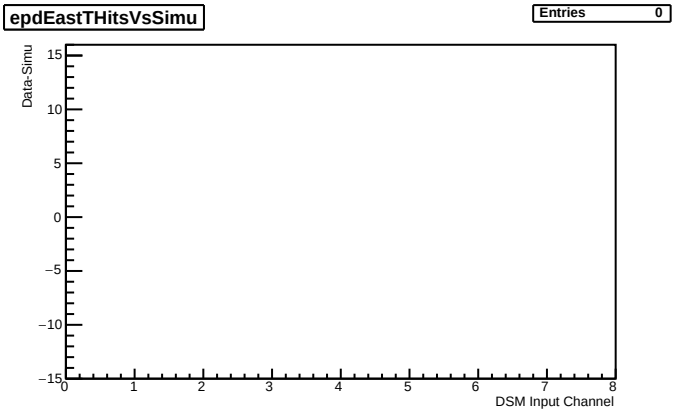

bbcSmallWestTacMax
Entries 290547


bbcSmallWestTacMaxVsSimu
Entries 246998
Data
Simu


epdEastTacMax
Entries 2324376
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2324376
Truncated NHits
DSMInput Channel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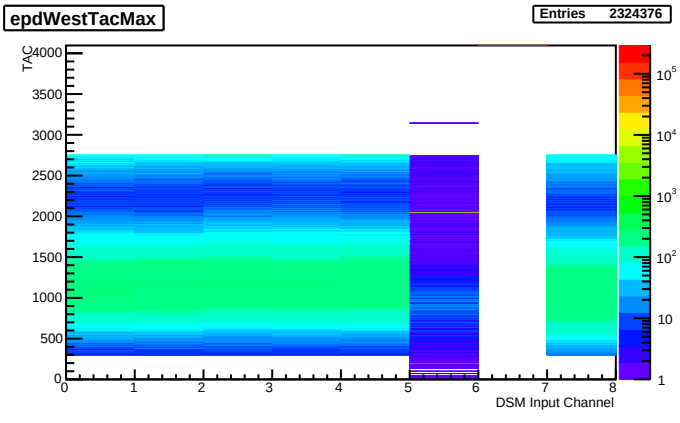
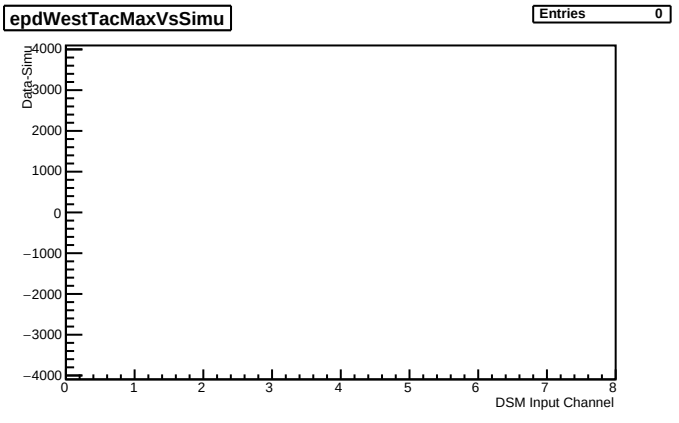
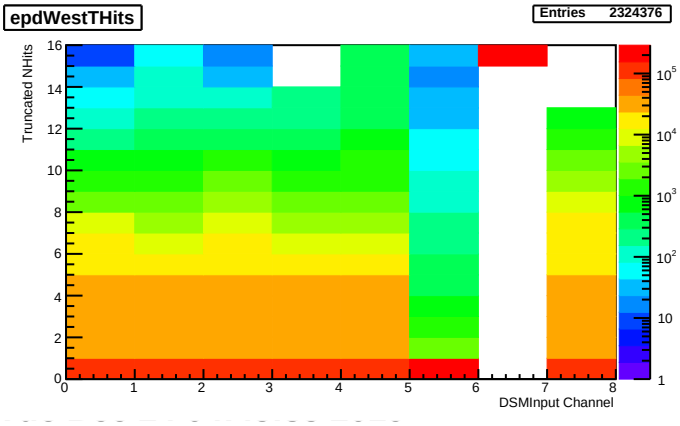
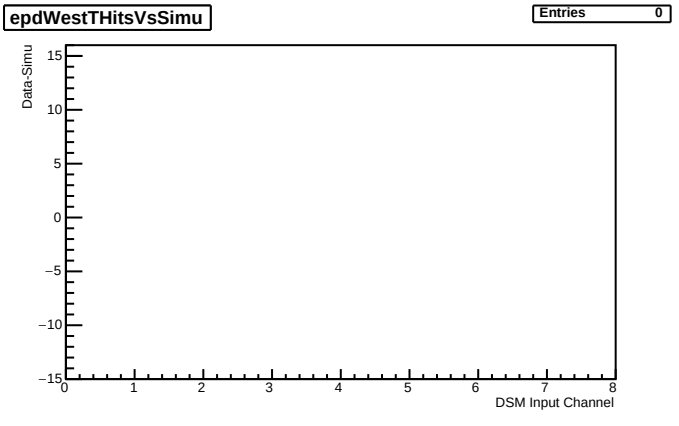
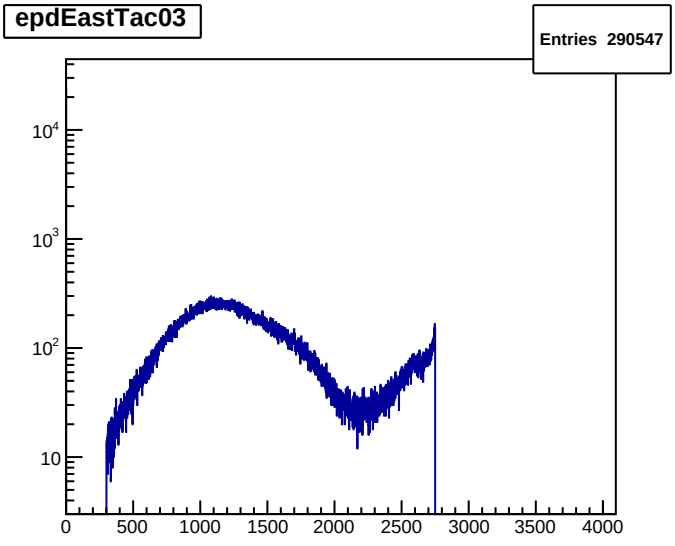
Data-Simu
DSM Input Channel

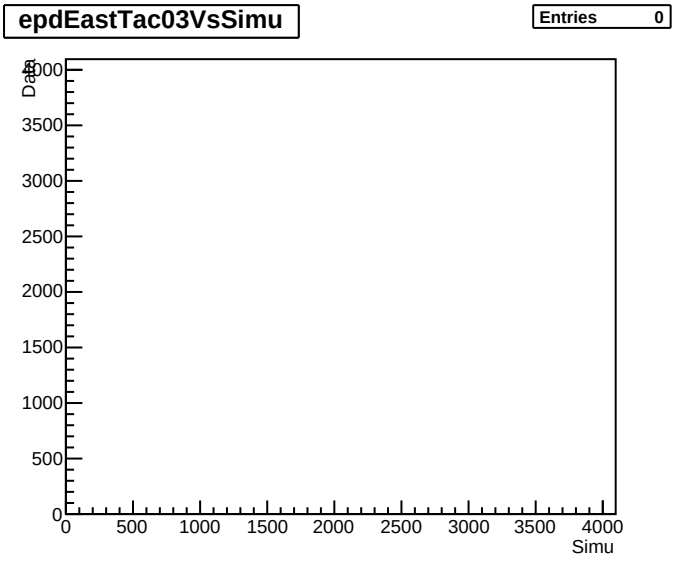

epdWestTacMax
Entries 2324376
TAC
DSM Input Channel

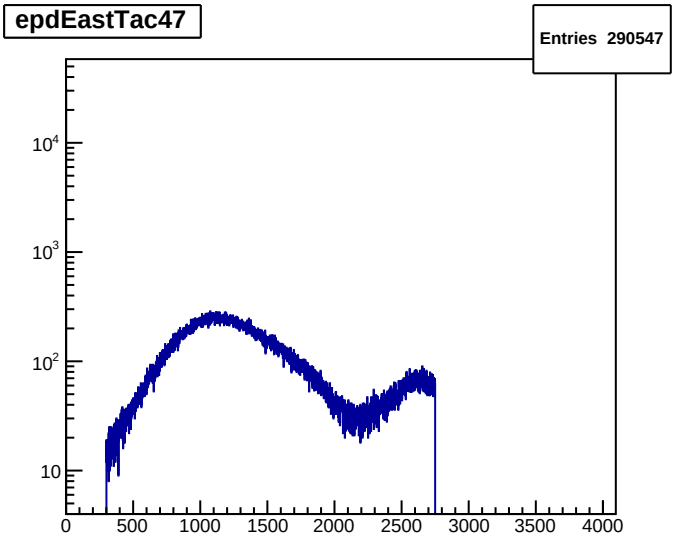

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

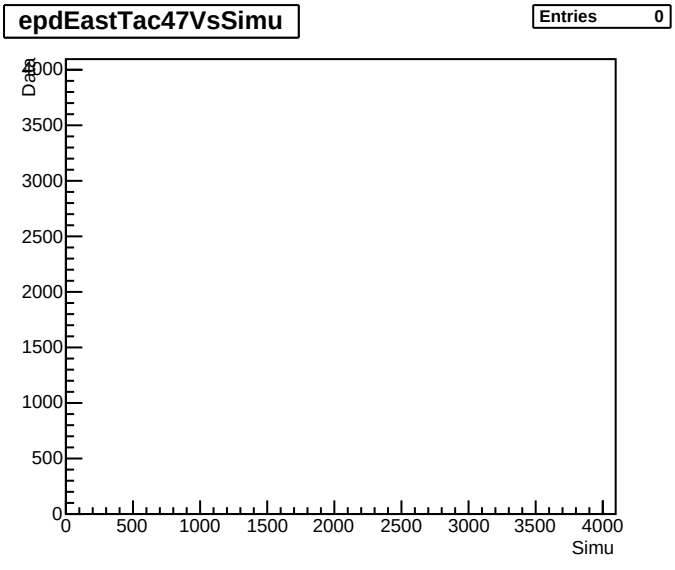

epdWestTHits
Entries 2324376
Truncated NHits
DSMInput Channel

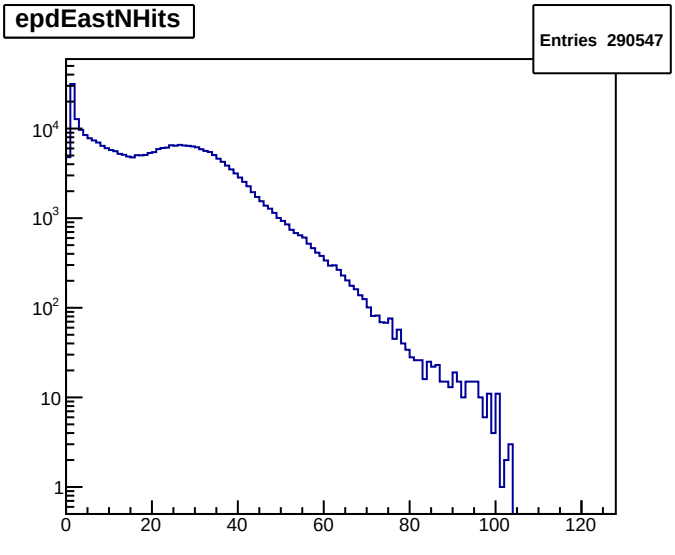

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

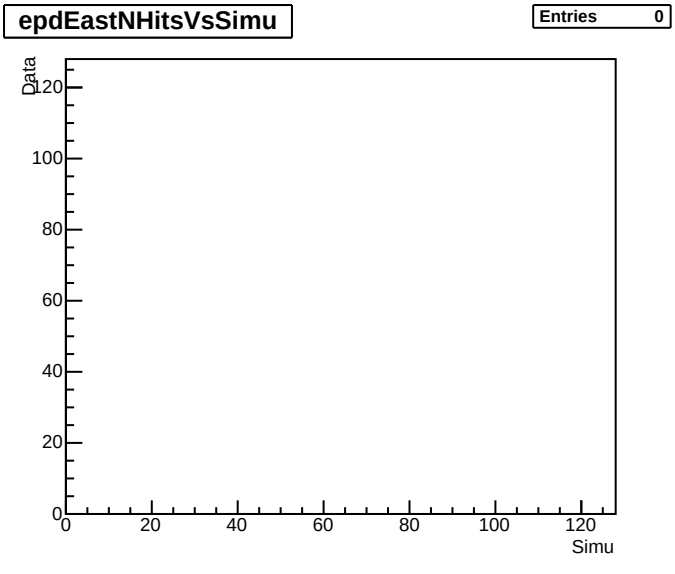

epdEastTac03
Entries 290547


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 290547


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 290547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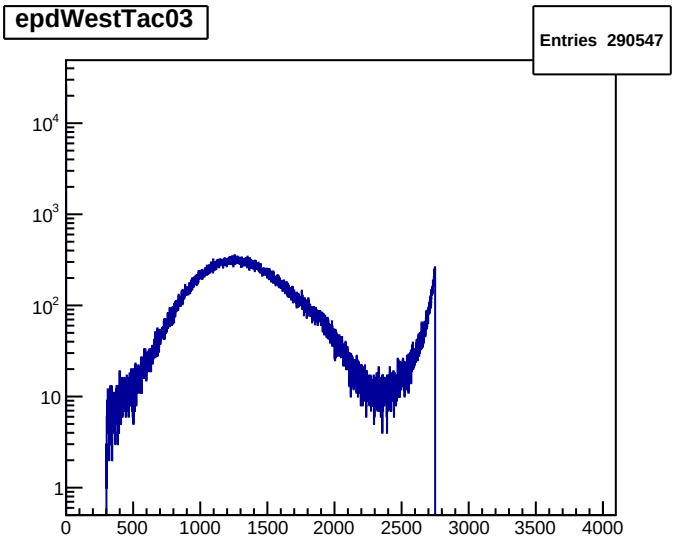
Entries 0
Data
Simu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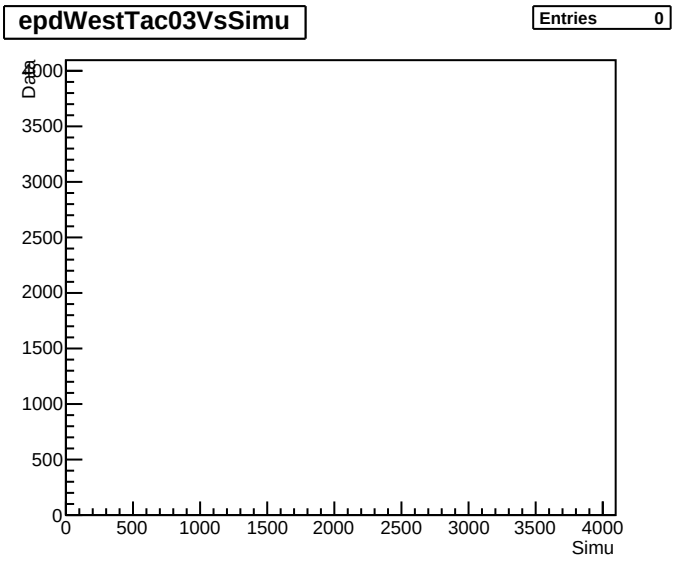
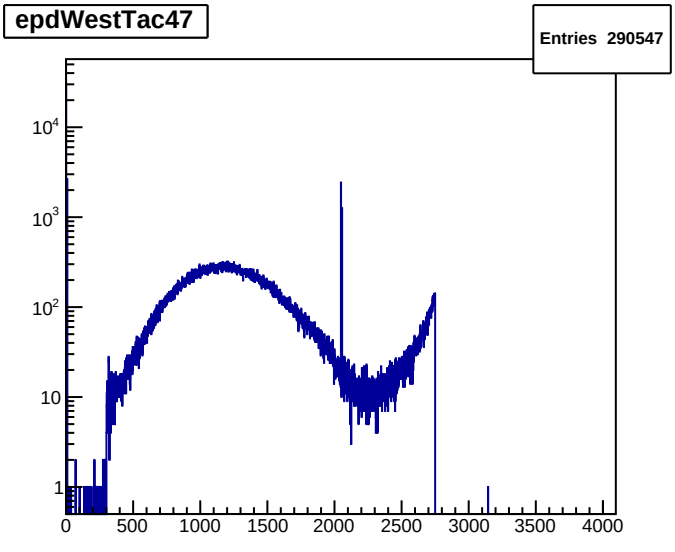
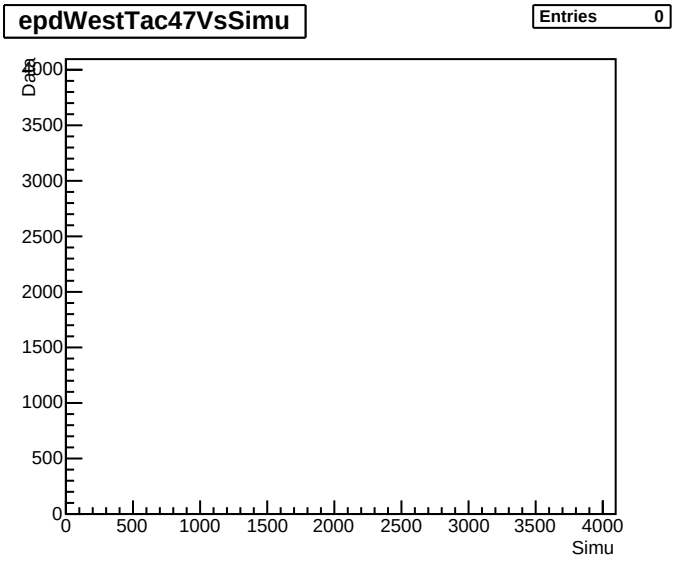
Entries 290547


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 290547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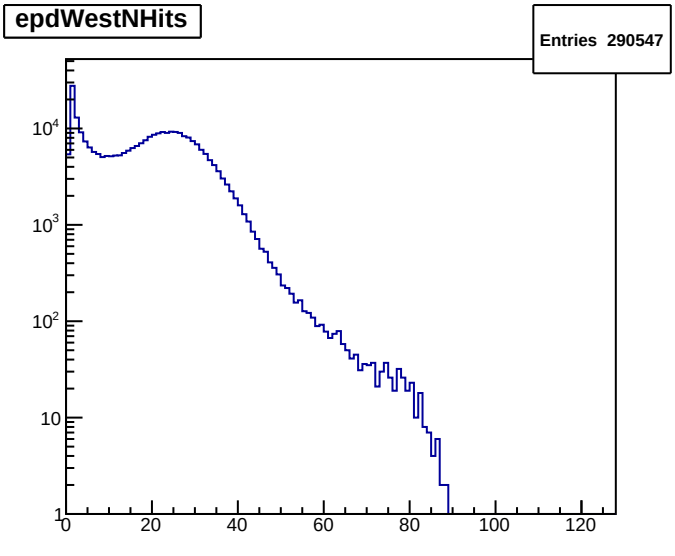
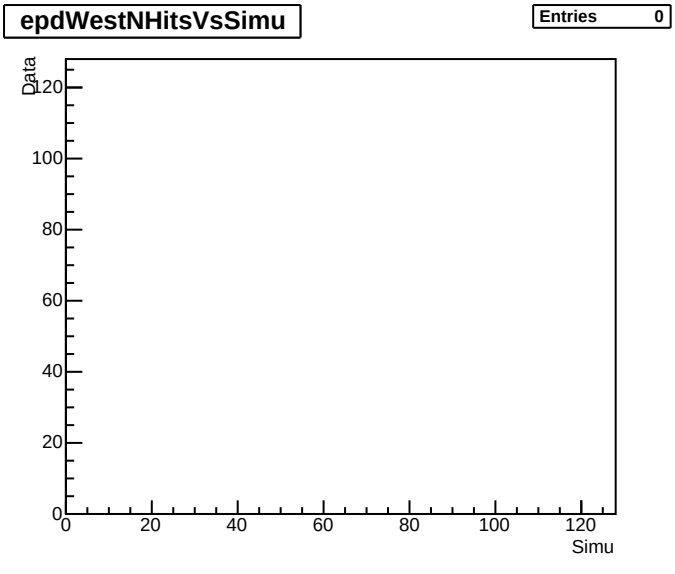
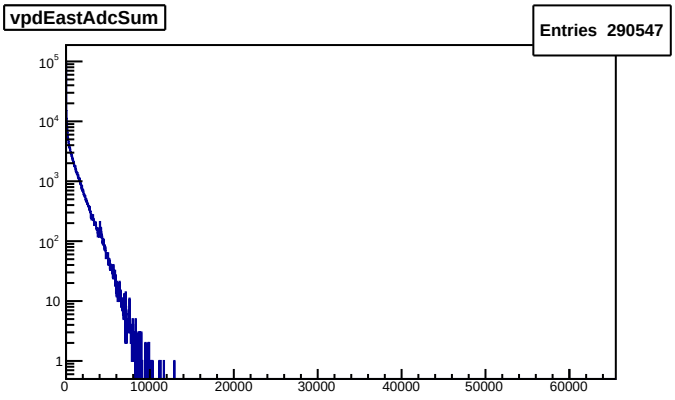
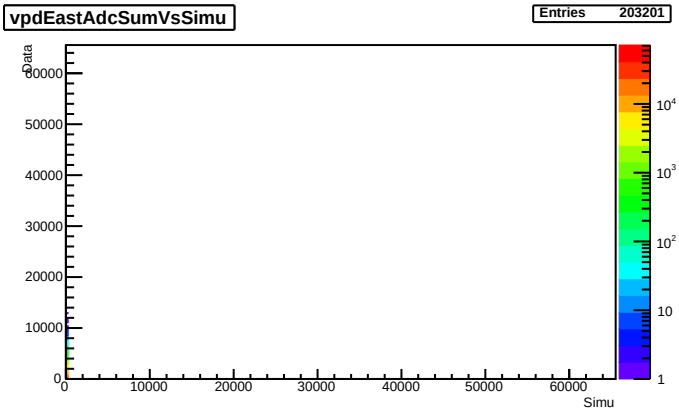
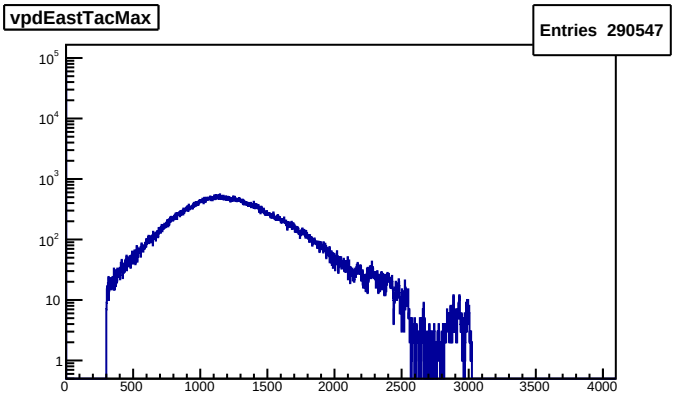
Entries 0
Data
Simu

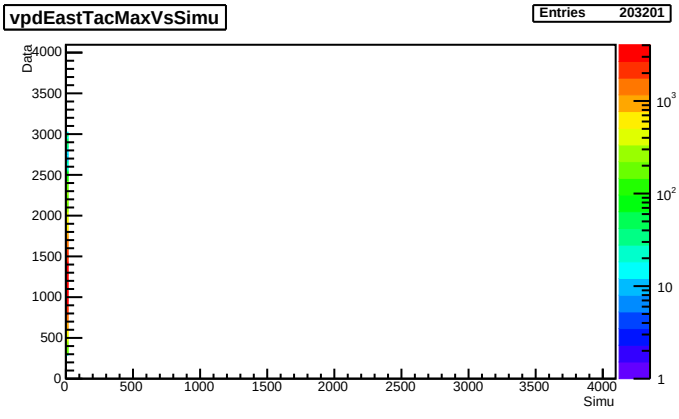

epdWestNHits
Entries 290547

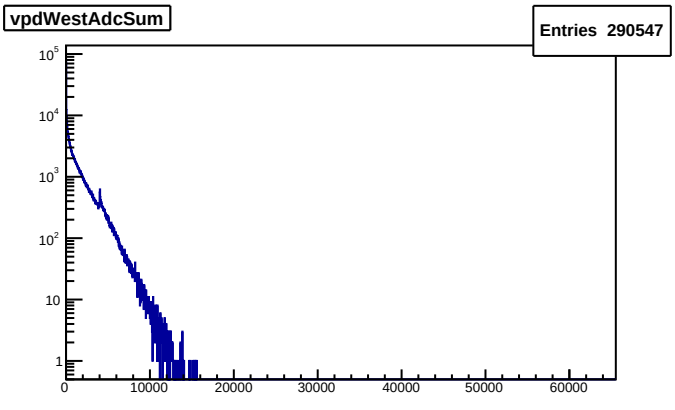

epdWestNHitsVsSimu
Entries 0
Data
Simu

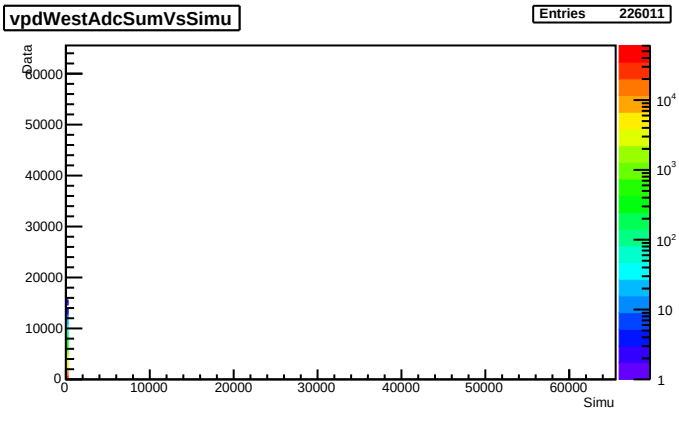

vpdEastAdcSum
Entries 290547

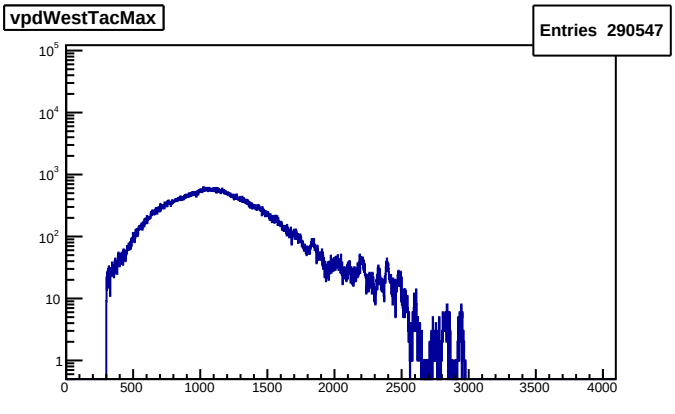

vpdEastAdcSumVsSimu
Entries 203201
Data
Simu

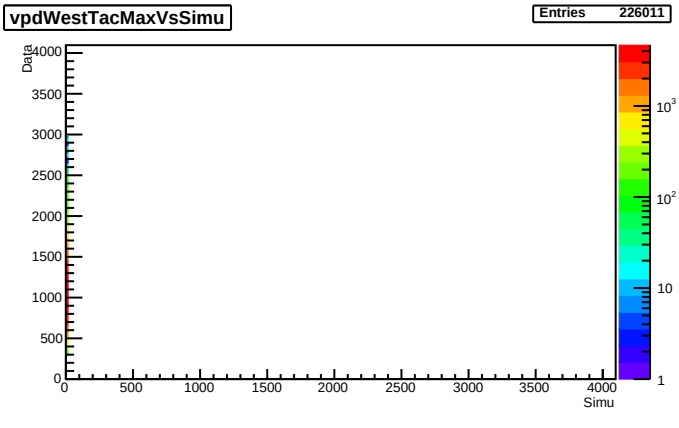

vpdEastTacMax
Entries 290547

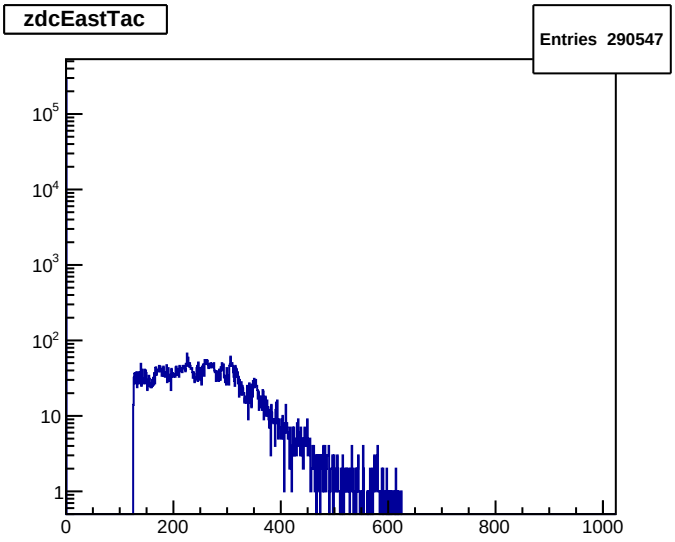

vpdEastTacMaxVsSimu
Entries 203201
Data
Simu

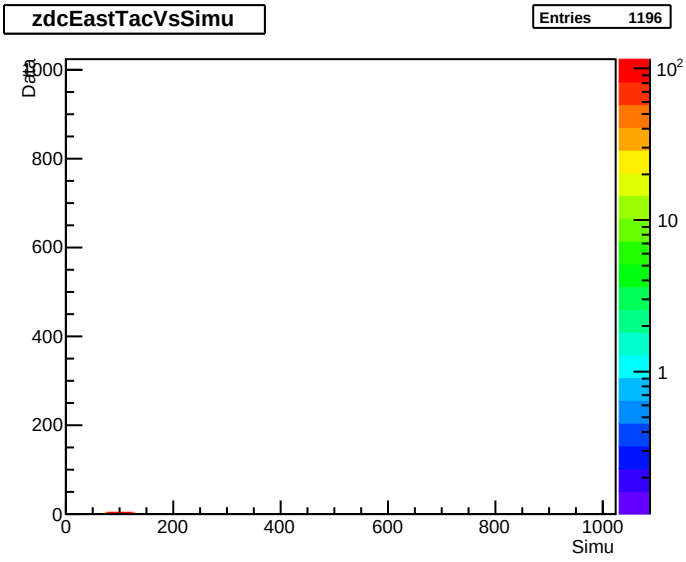

vpdWestAdcSum
Entries 290547

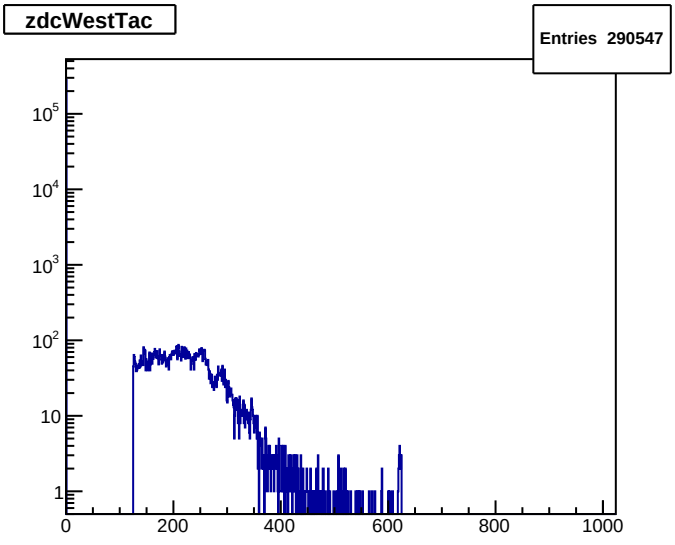

vpdWestAdcSumVsSimu
Entries 226011
Data
Simu

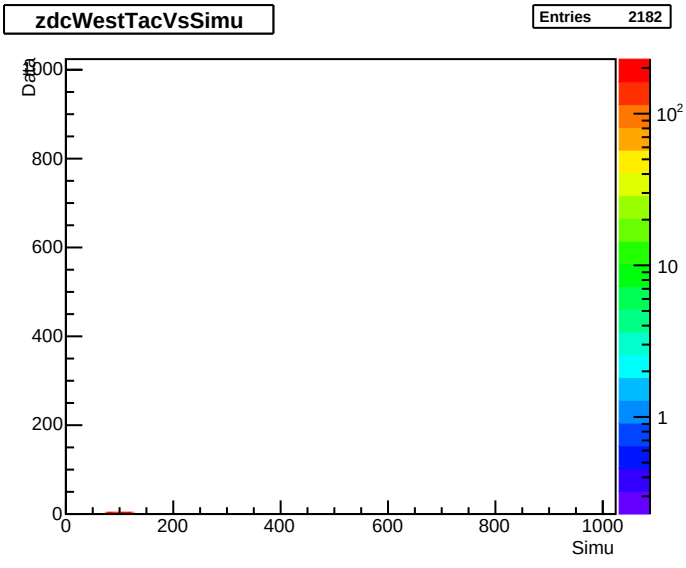

vpdWestTacMax
Entries 290547

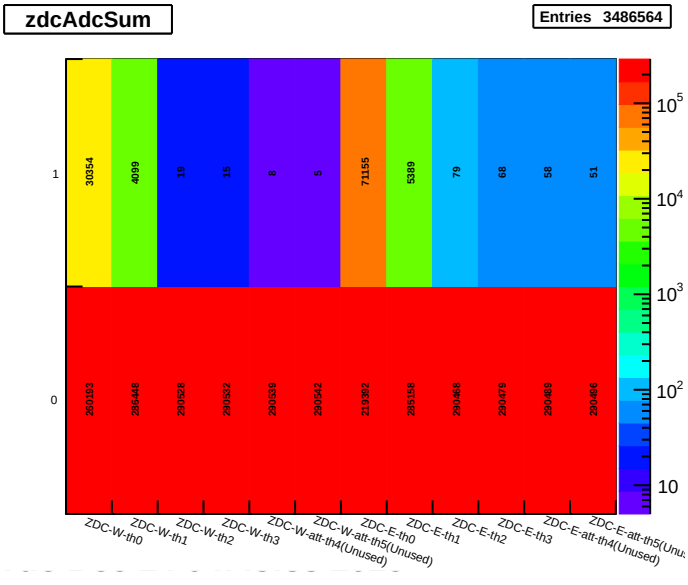

vpdWestTacMaxVsSimu
Entries 226011
Data
Simu

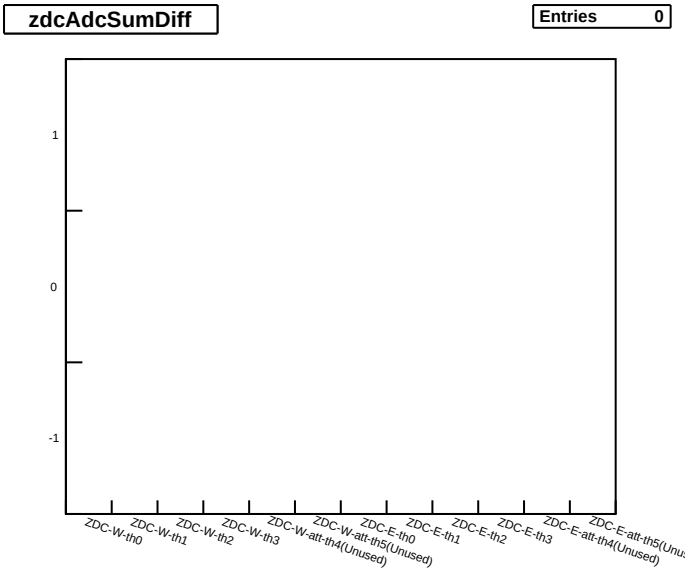

zdcEastTac
Entries 290547

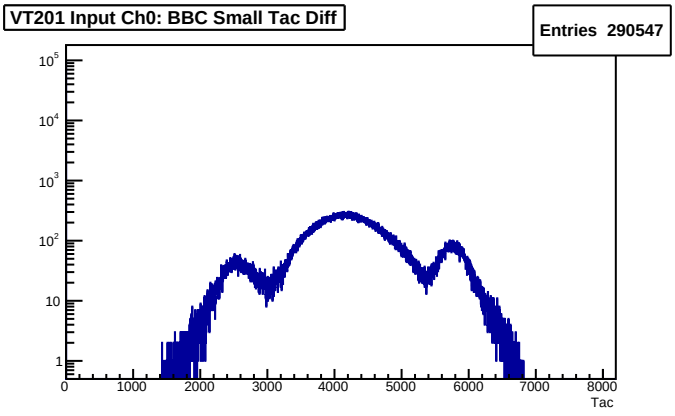

zdcEastTacVsSimu
Entries 1196
Data
Simu

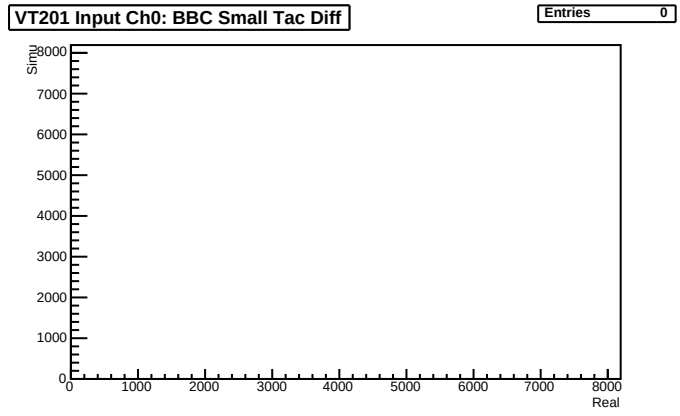

zdcWestTac
Entries 290547

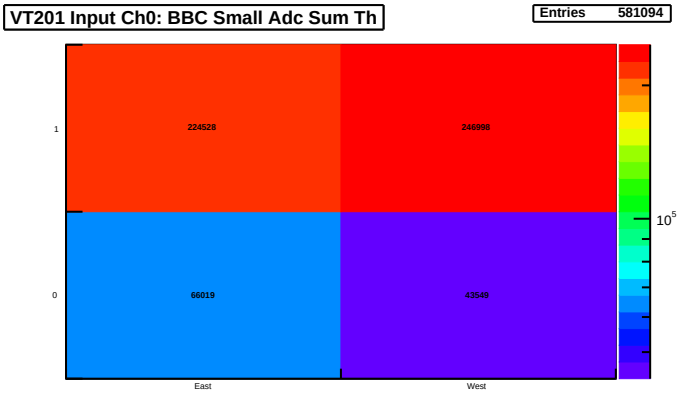

zdcWestTacVsSimu
Entries 2182
Data
Simu

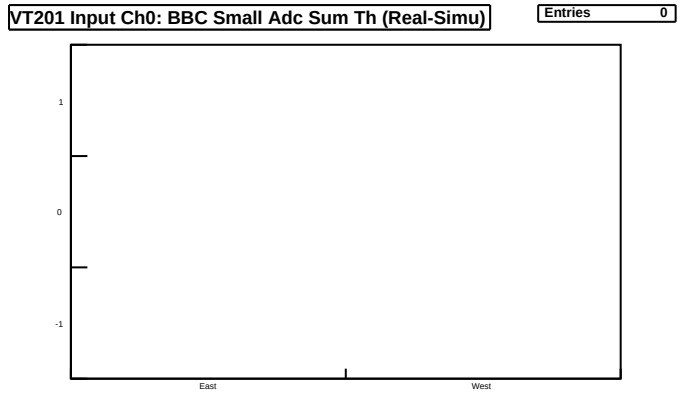

zdcAdcSum
Entries 3486564
30354
4099
19
15
8
5
71155
5389
79
68
58
51
260193
286448
290528
290532
290539
290542
219392
285158
290468
290479
290480
290486
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

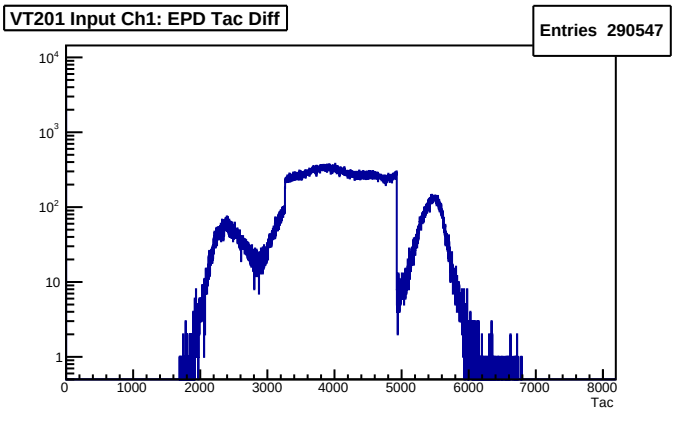

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

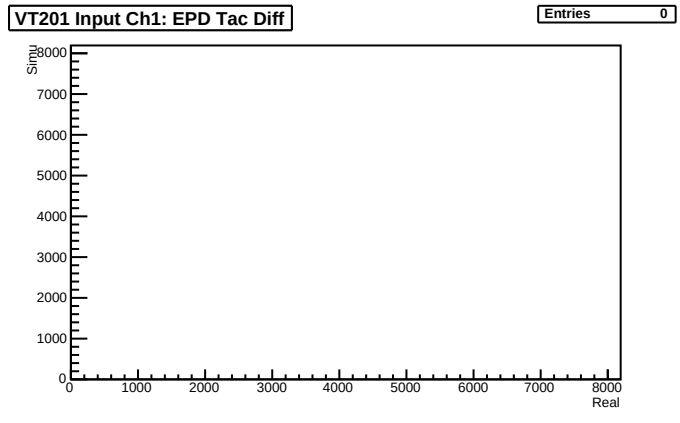

VT201 Input Ch0: BBC Small Tac Diff
Entries 290547
Tac

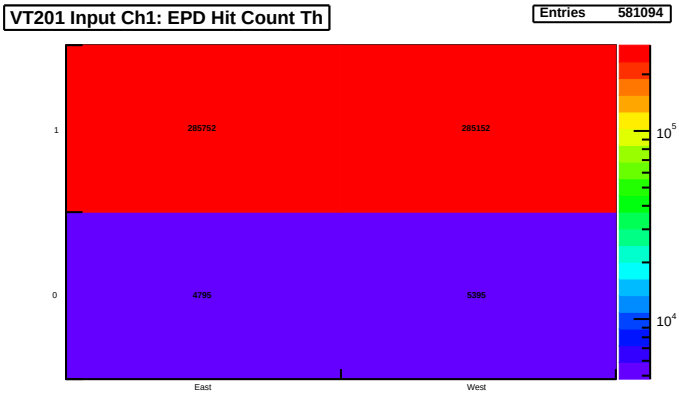

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

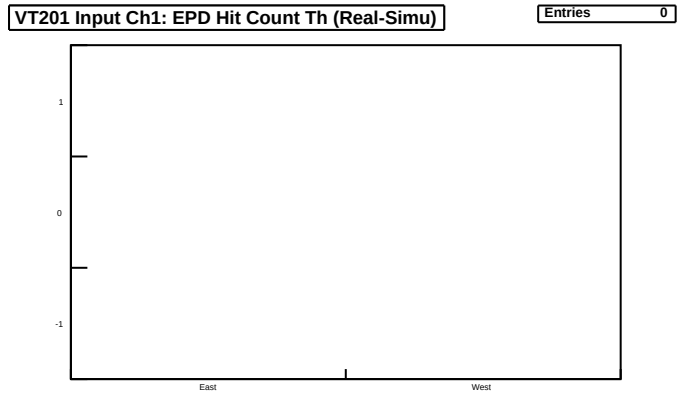

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 581094
224528
246998
66019
43549
East
West

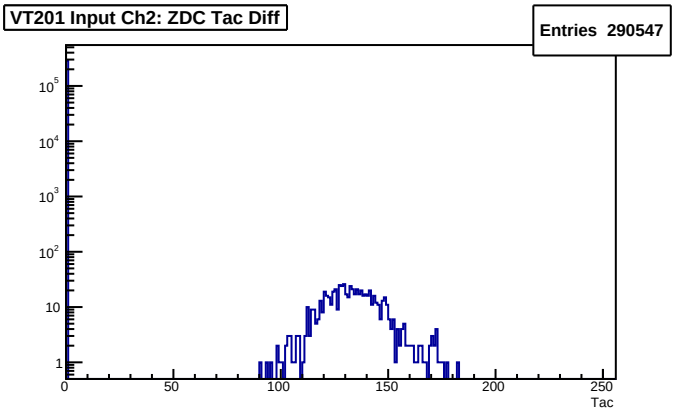

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

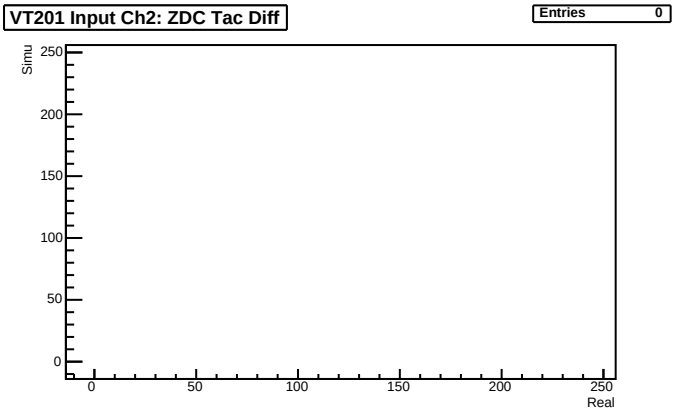

VT201 Input Ch1: EPD Tac Diff
Entries 290547
Tac

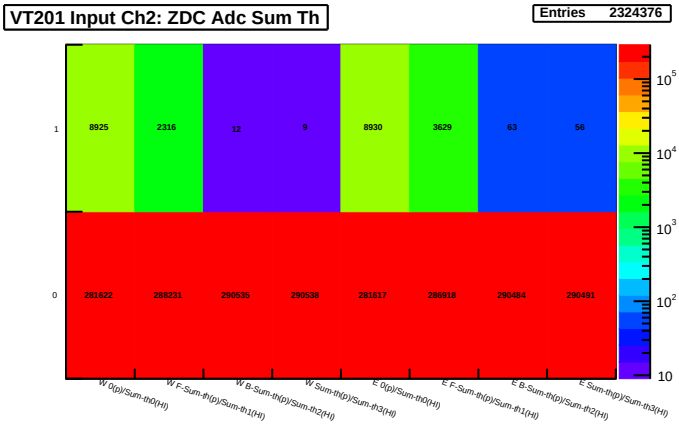

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

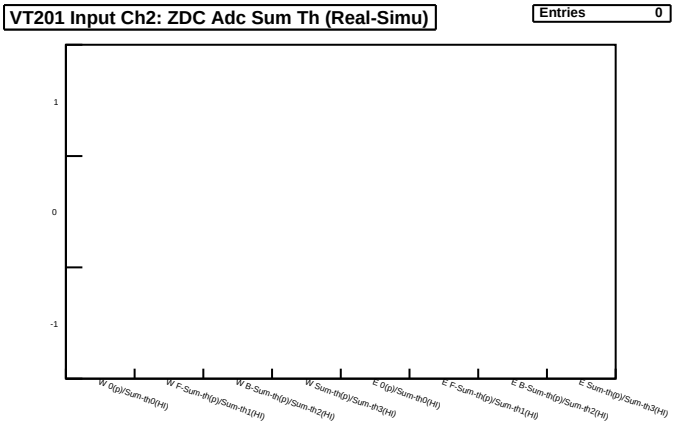

VT201 Input Ch1: EPD Hit Count Th
Entries 581094
285752
285152
4795
5395
East
West

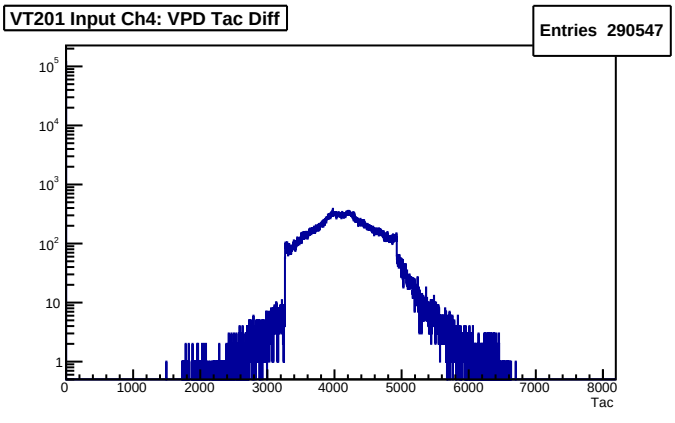

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

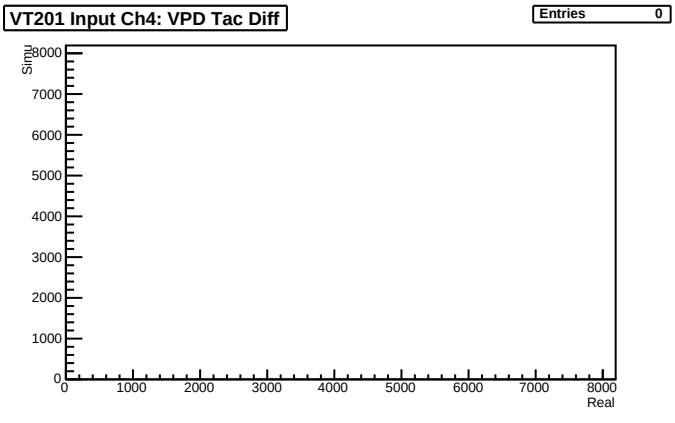

VT201 Input Ch2: ZDC Tac Diff
Entries 290547
Tac

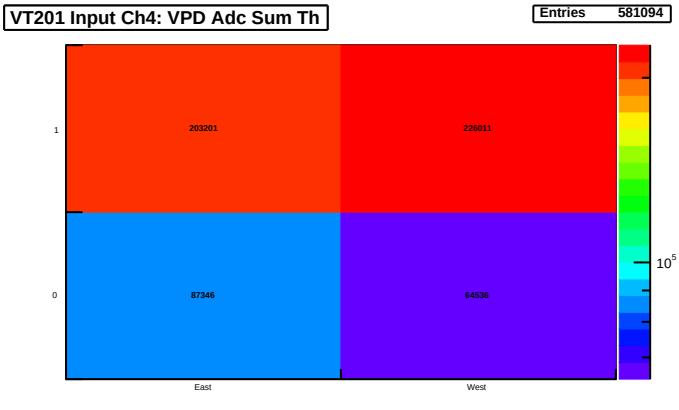

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

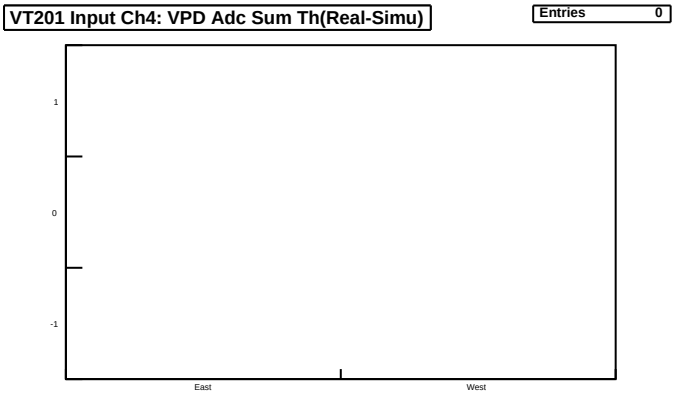

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2324376
8925
2316
12
9
8930
3629
63
56
281622
288231
290535
290538
281617
286918
290484
290491
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

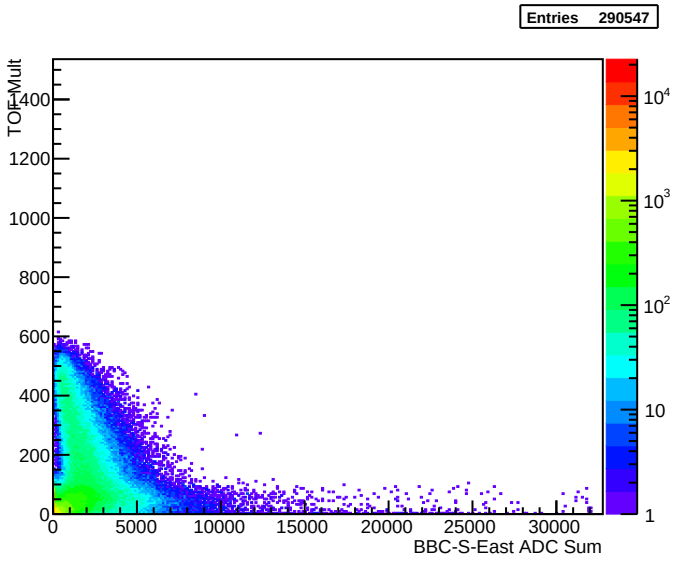

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

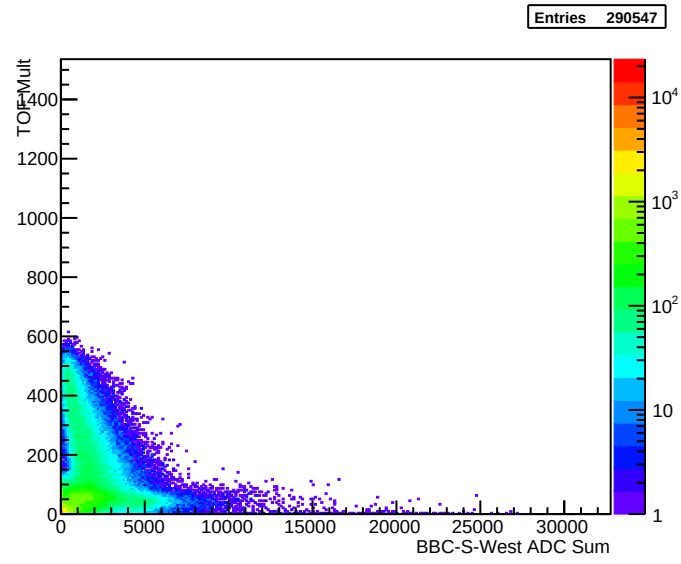

VT201 Input Ch4: VPD Tac Diff
Entries 290547
Tac

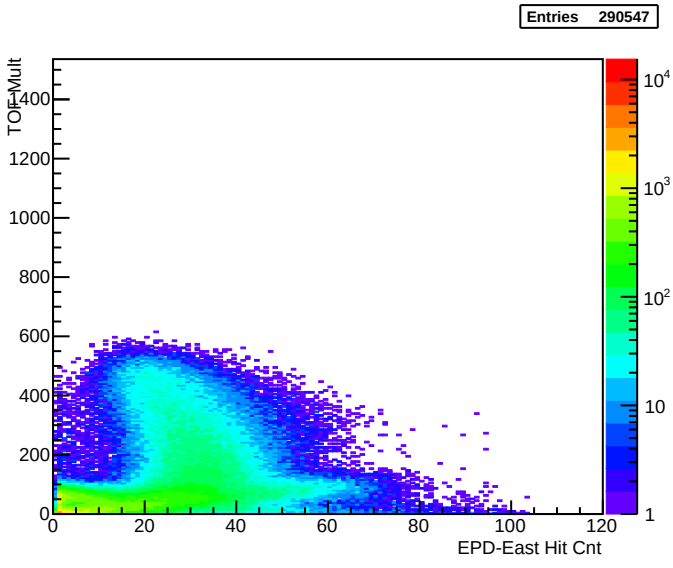

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

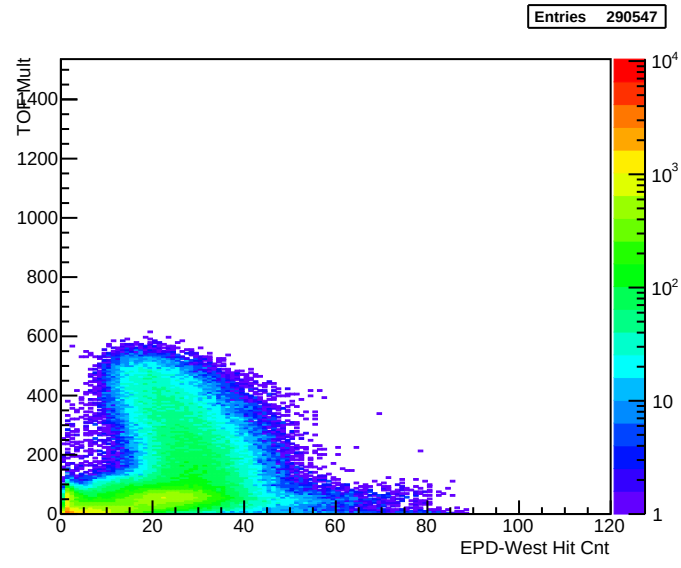

VT201 Input Ch4: VPD Adc Sum Th
Entries 581094
203201
226011
87346
64536
East
West

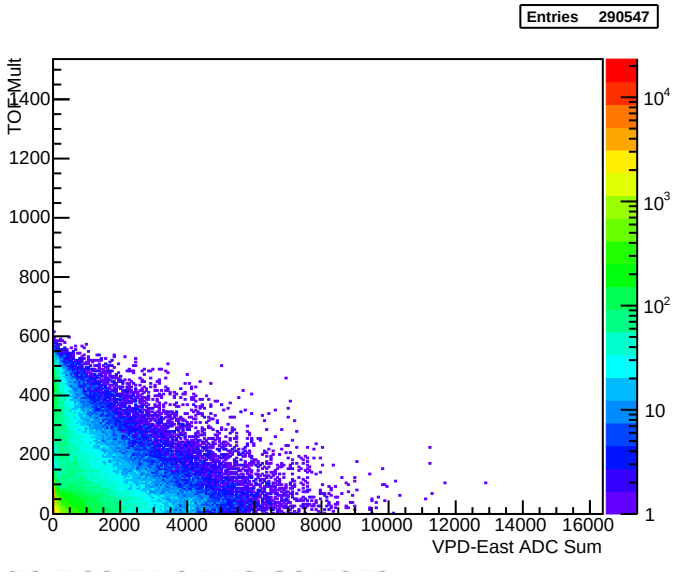

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

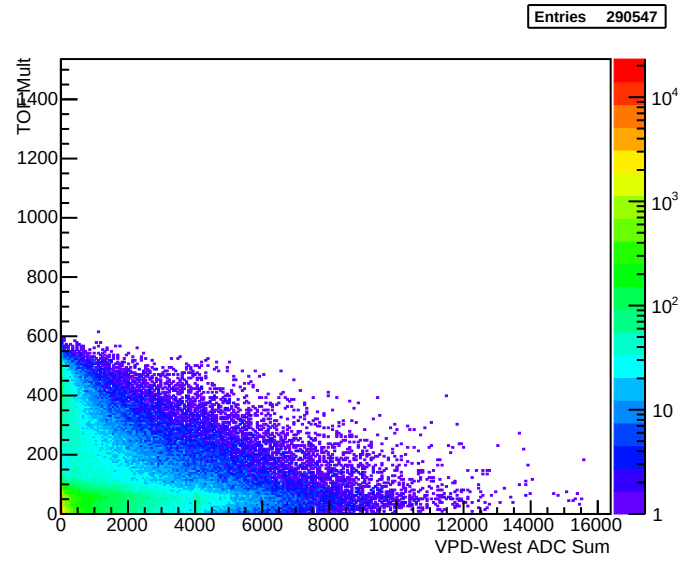

Entries 290547
TOF-Mult
BBC-S-East ADC Sum

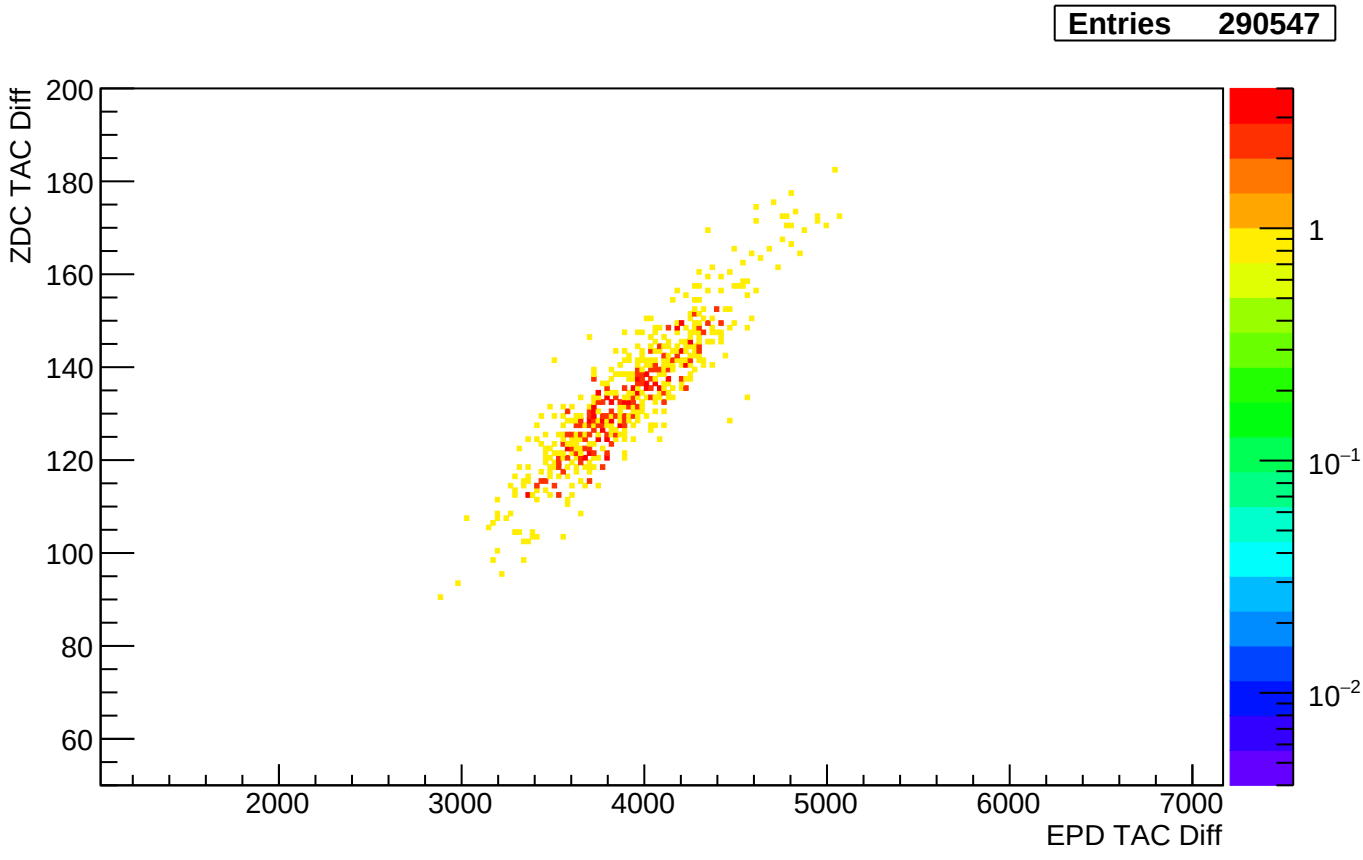

Entries 290547
TOF-Mult
BBC-S-West ADC Sum

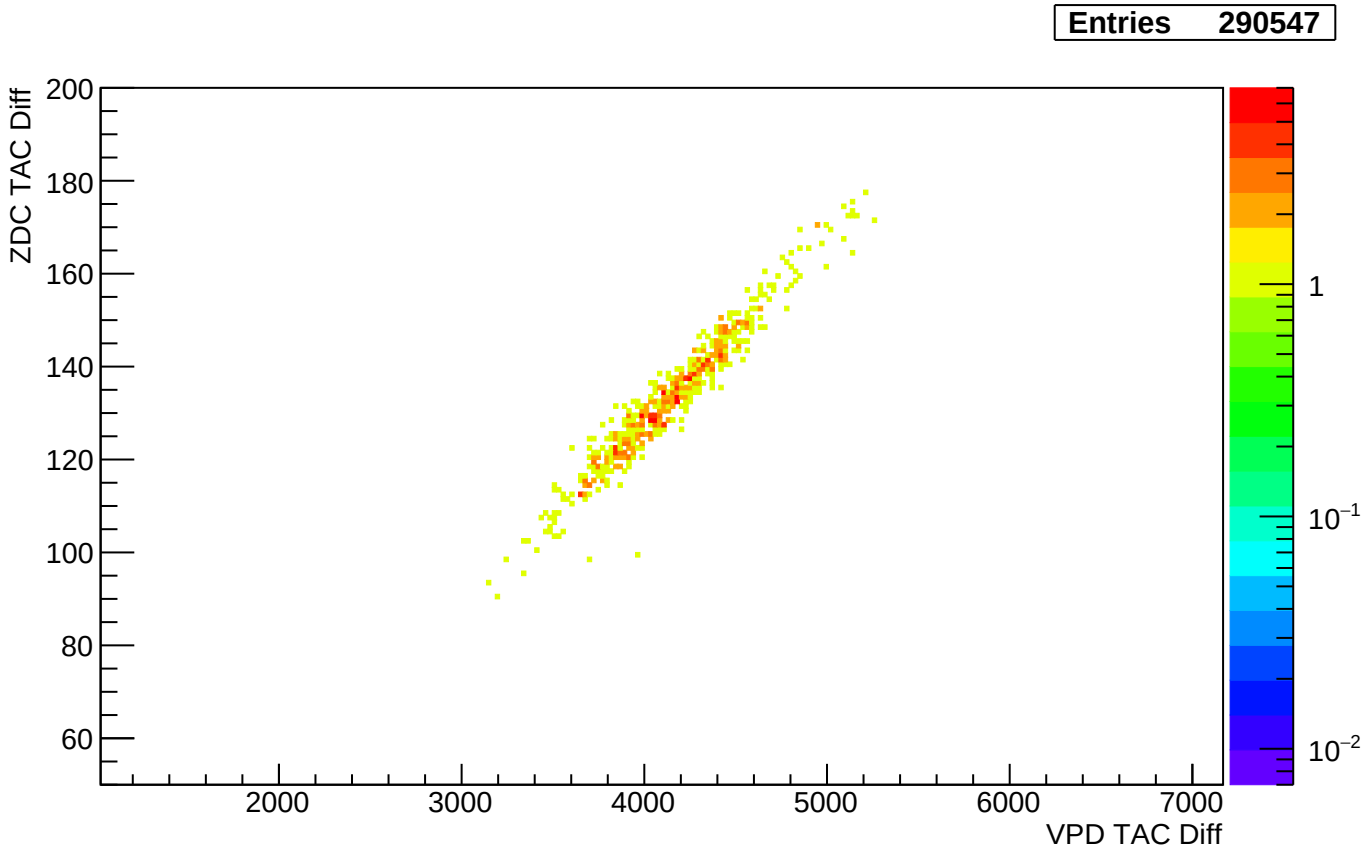

Entries 290547
TOF-Mult
EPD-East Hit Cnt

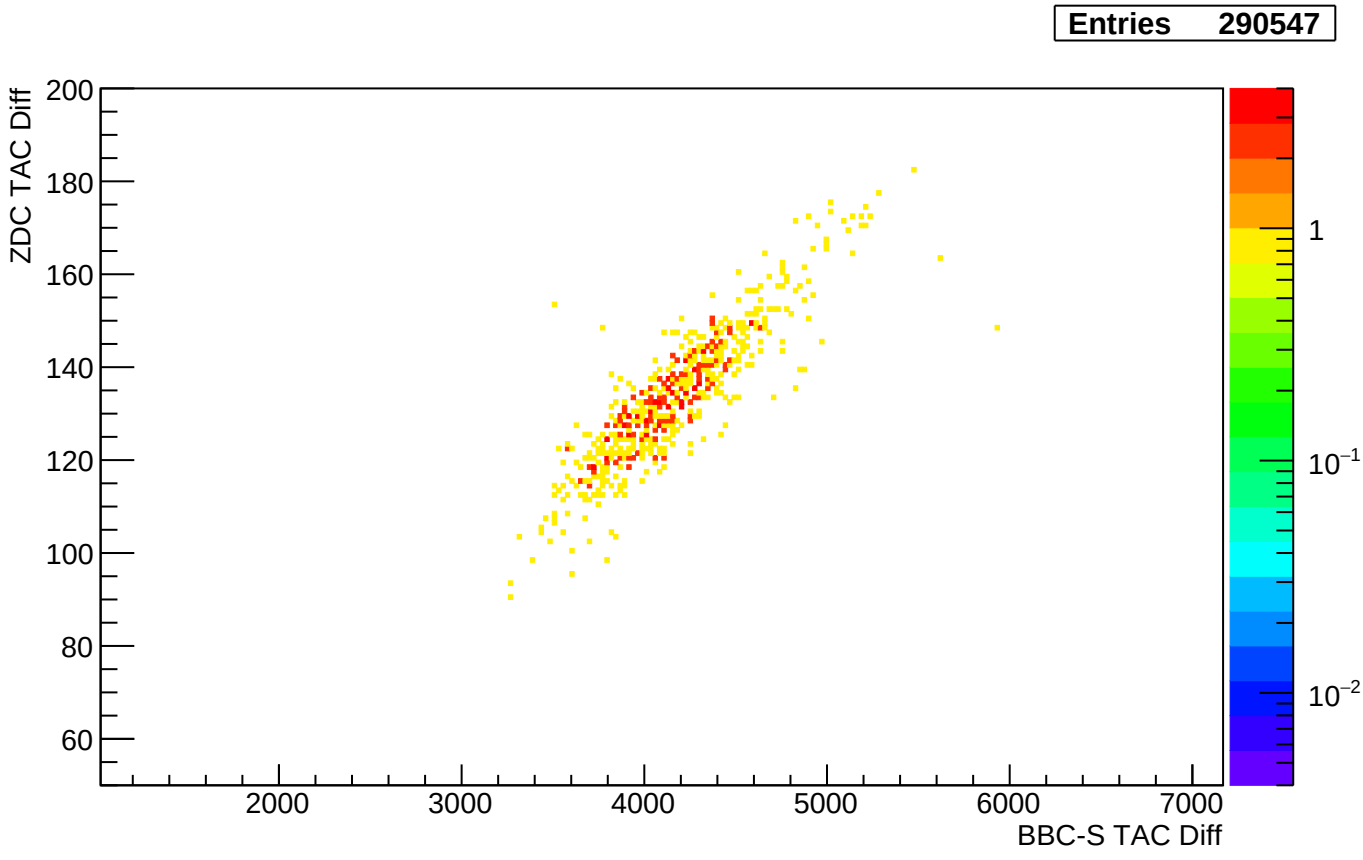

Entries 290547
TOF-Mult
EPD-West Hit Cnt

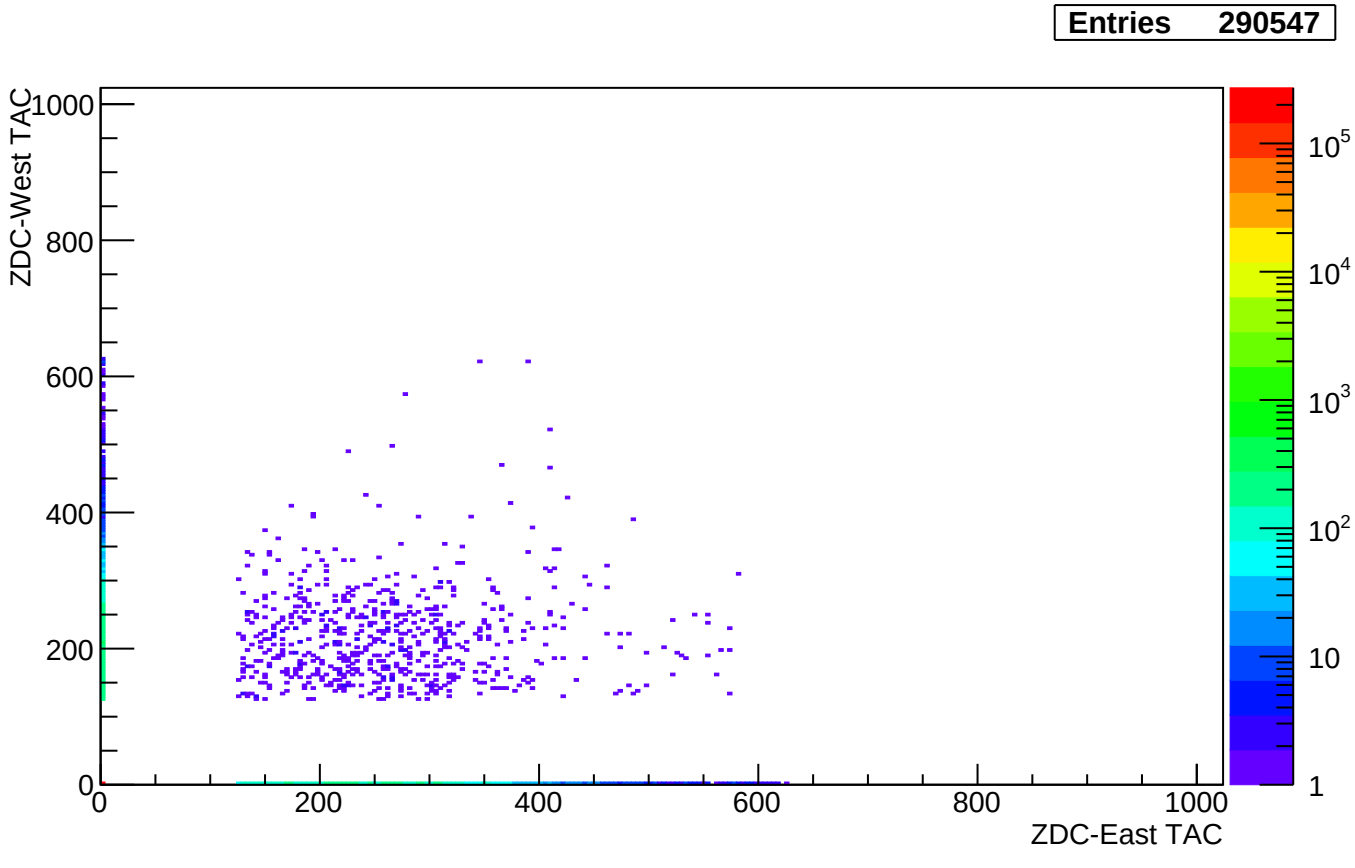

Entries 290547
TOF-Mult
VPD-East ADC Sum

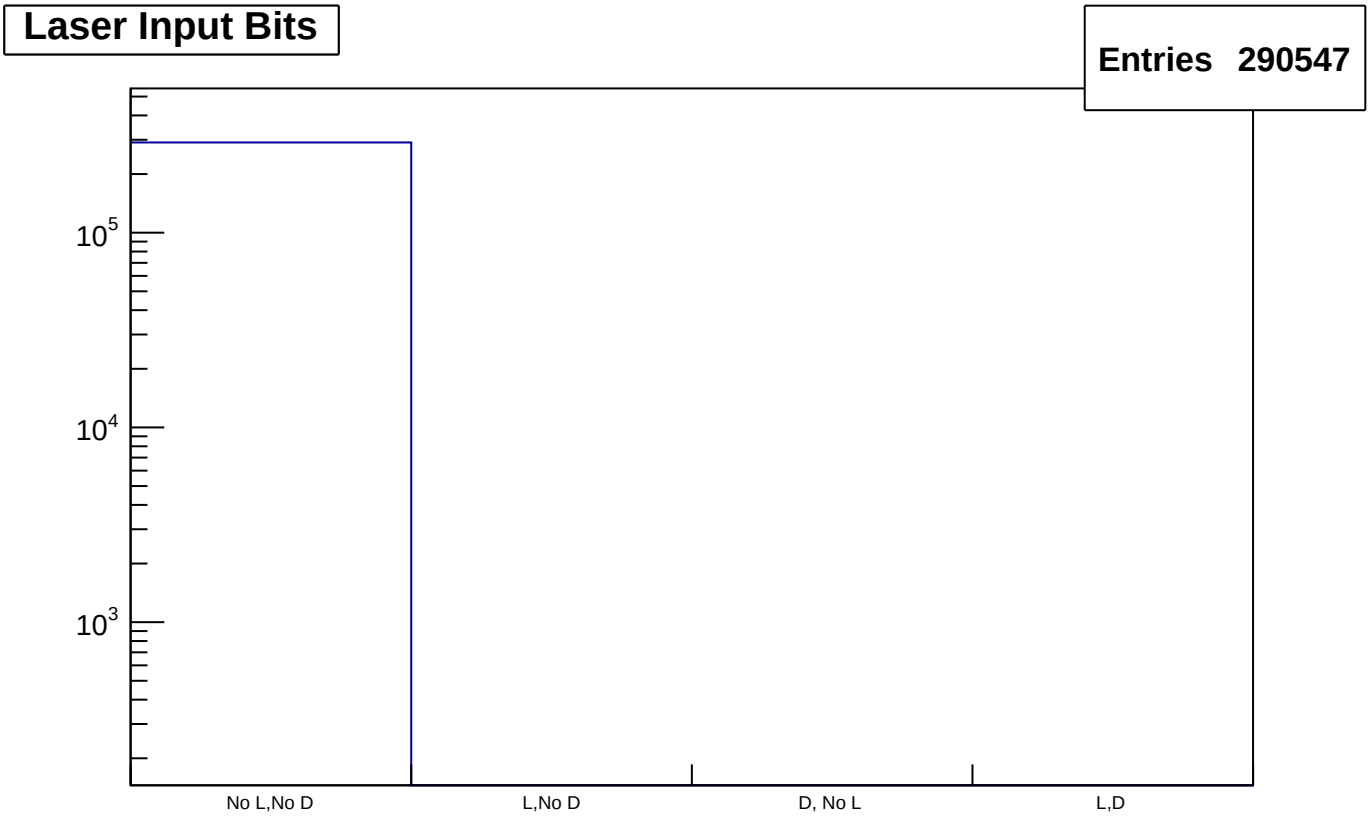

Entries 290547
TOF-Mult
VPD-West ADC Sum

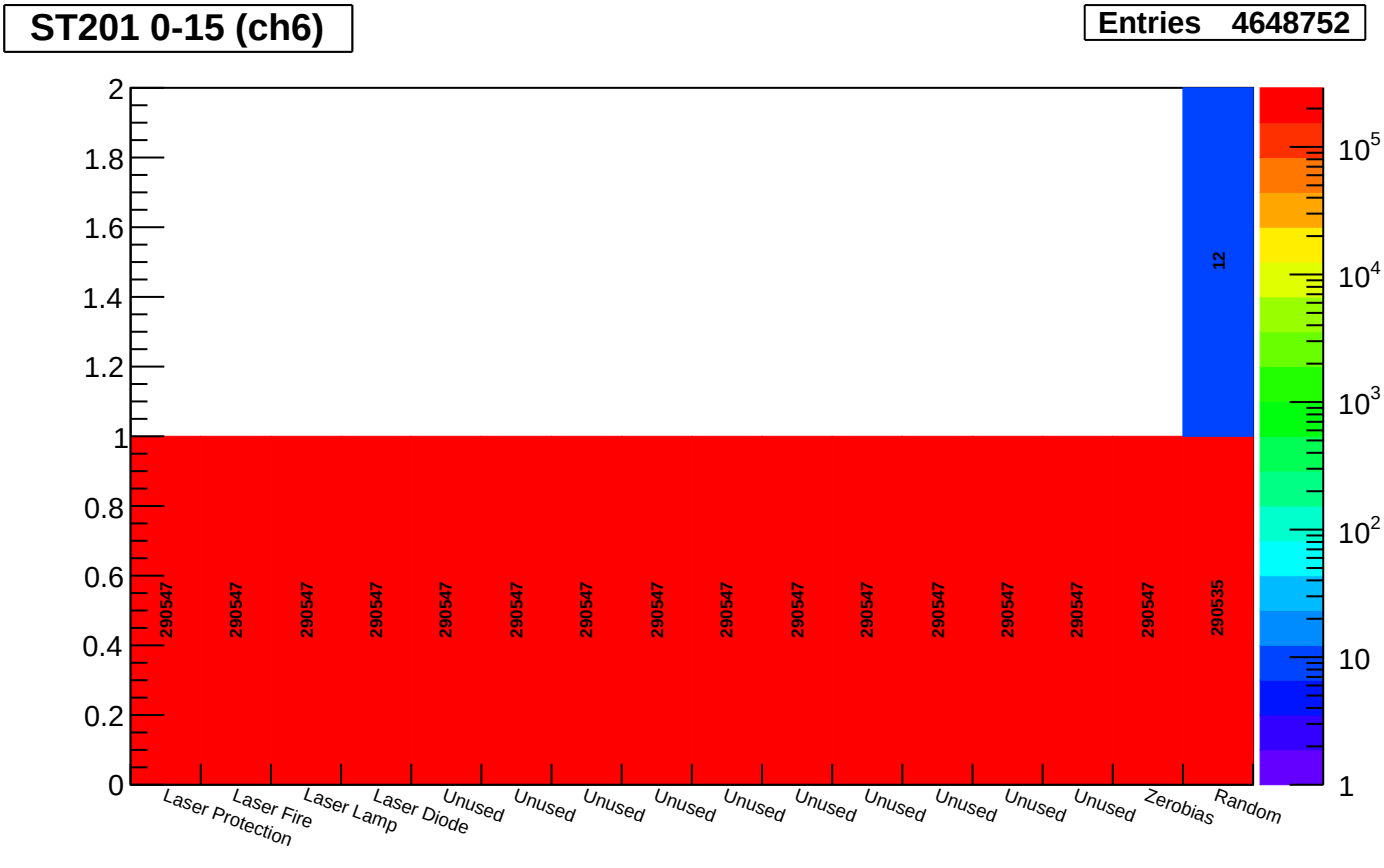

Entries 290547
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

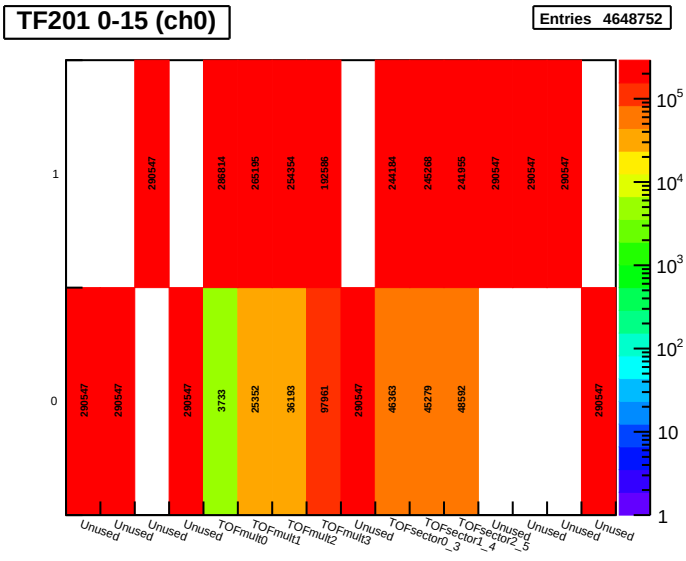

Entries 290547
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

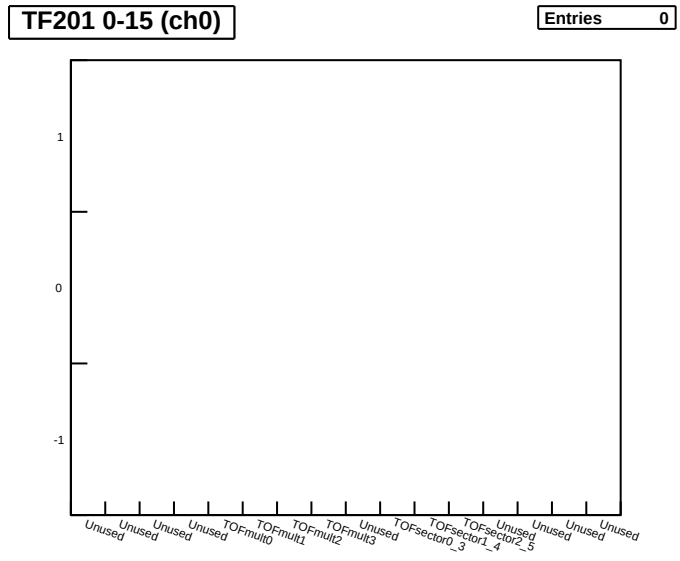

Entries 290547
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

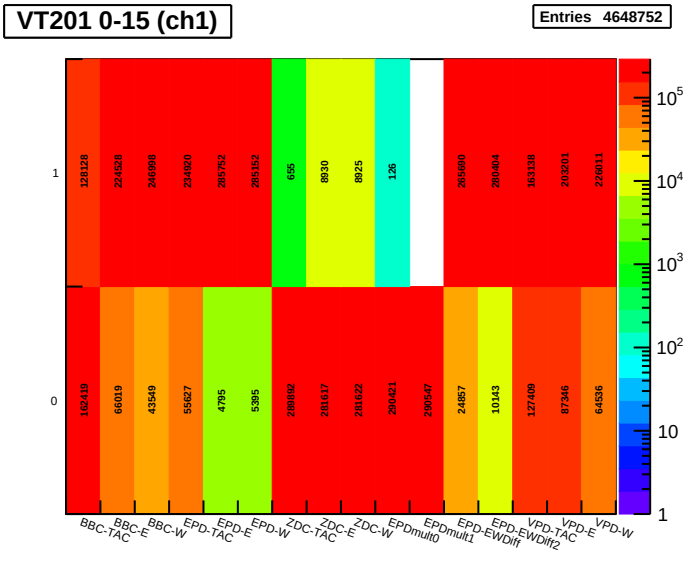

Entries 290547
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

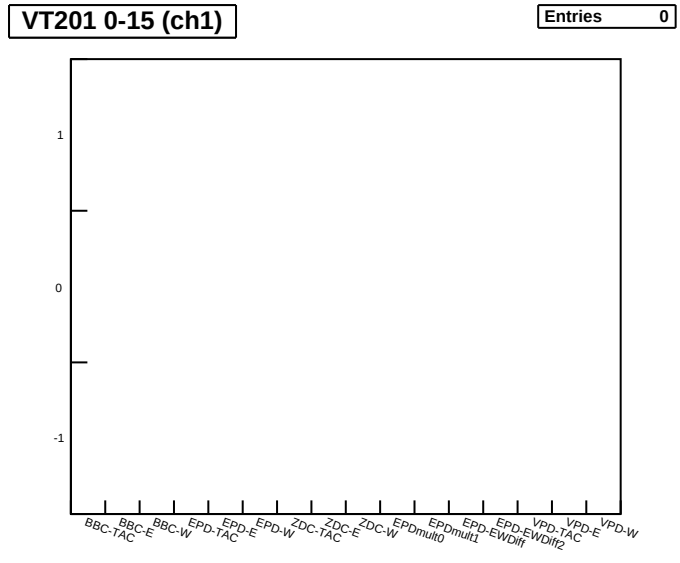

Laser Input Bits
Entries 290547
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

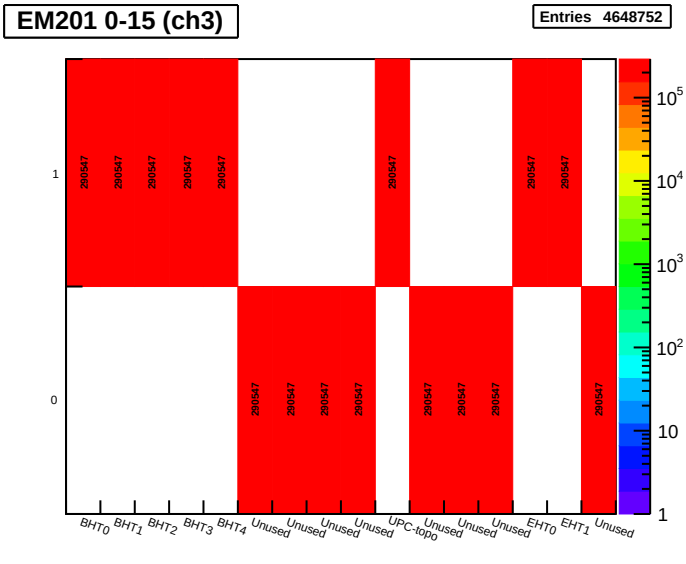

ST201 0-15 (ch6)
Entries 4648752
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12
290547
290535
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

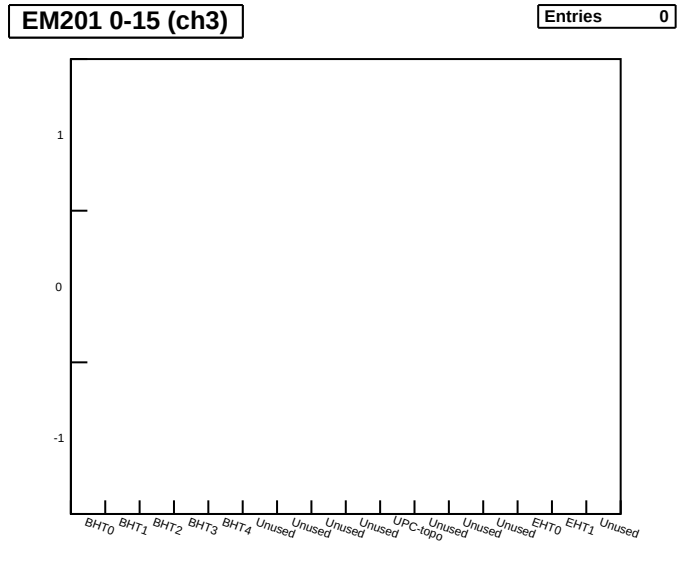

TF201 0-15 (ch0)
Entries 4648752
1
0
290547 290547 290547 3733 25352 36193 97961 290547 46363 45279 48592 290547
290547 286814 265195 254354 192586 244184 245268 241955 290547 290547 290547
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


VT201 0-15 (ch1)
Entries 4648752
1
0
128128 224528 246998 234920 285752 285152 655 8930 8925 126 265690 280404 163138 203201 226011
162419 66019 43549 55627 4795 5395 288892 281617 281622 290421 290547 24857 10143 127409 87346 64536
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 4648752
1
0
290547 290547 290547 290547 290547 290547 290547 290547
290547 290547 290547 290547 290547 290547 290547 290547
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused