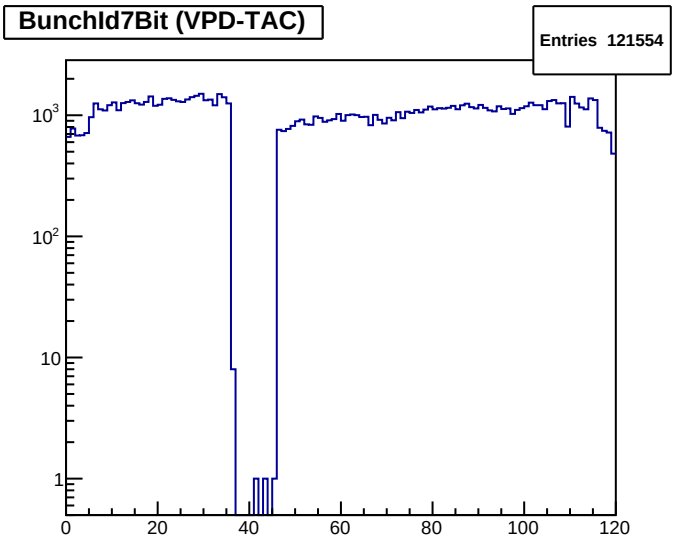
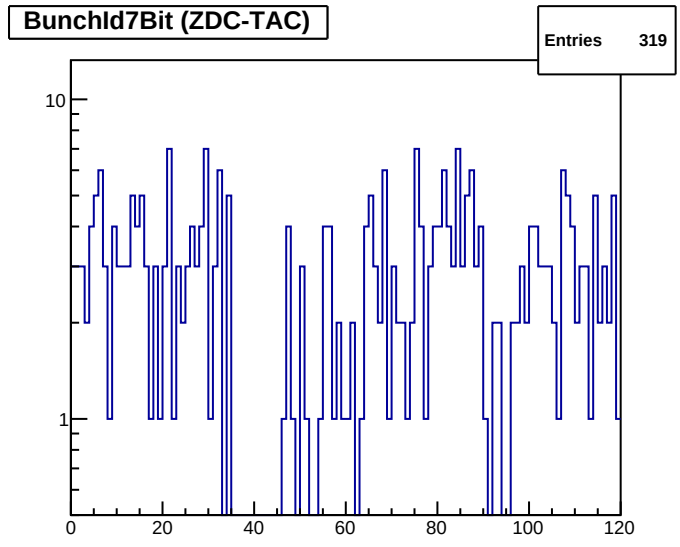
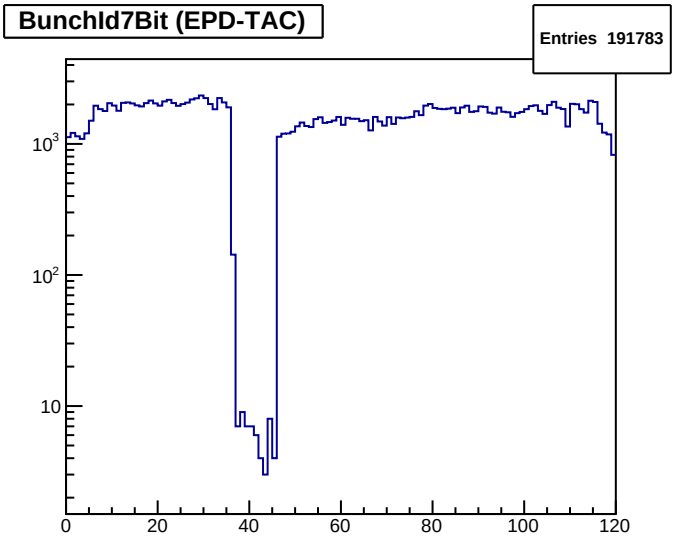
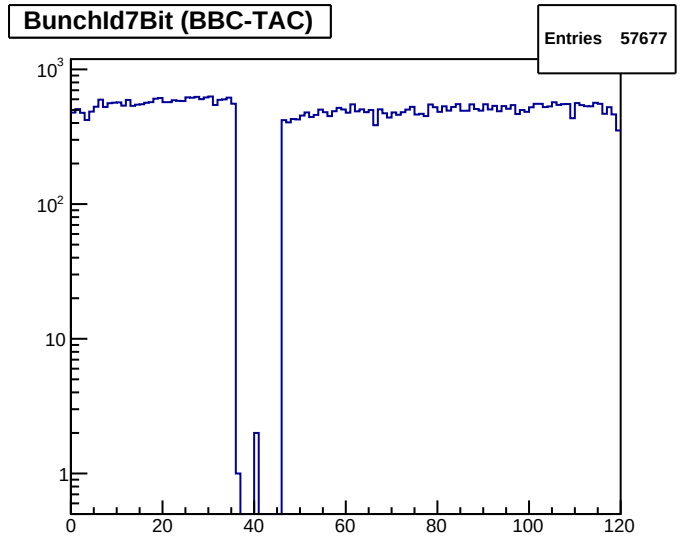
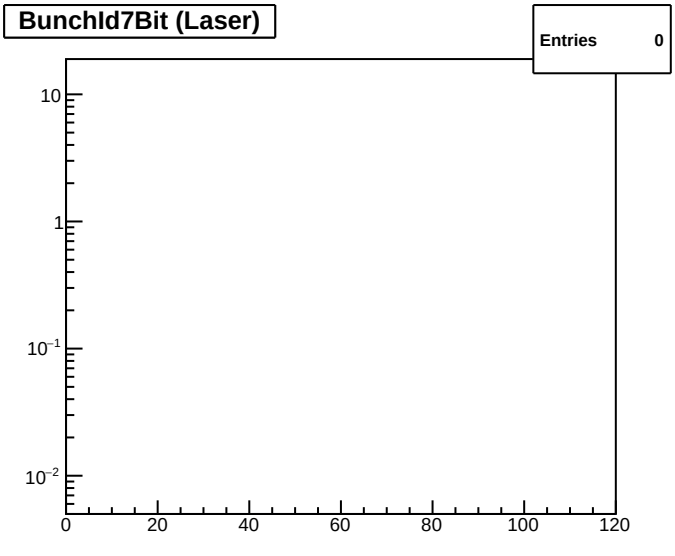
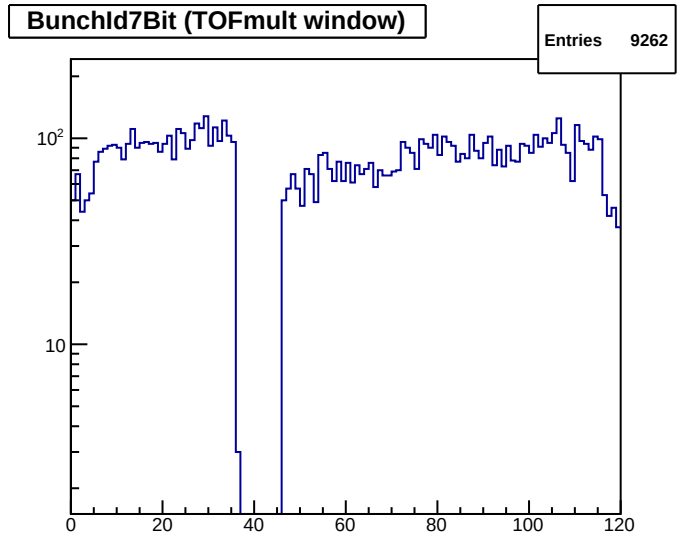

BunchId7Bit (VPD-TAC)
Entries 121554

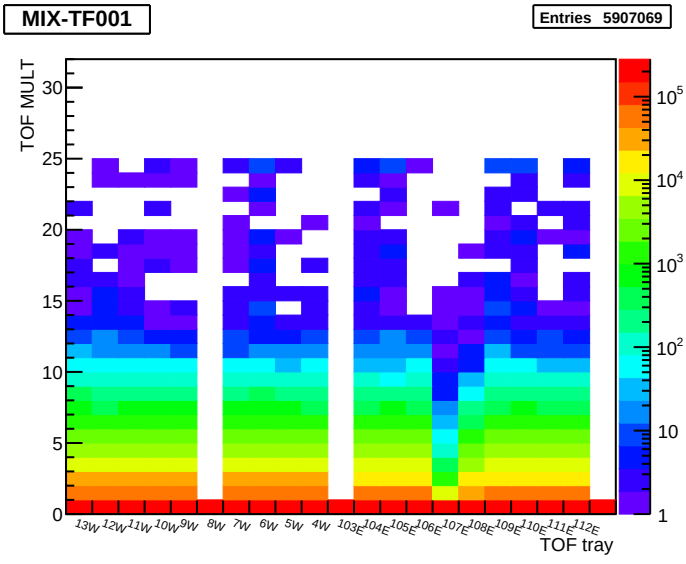

BunchId7Bit (ZDC-TAC)
Entries 319

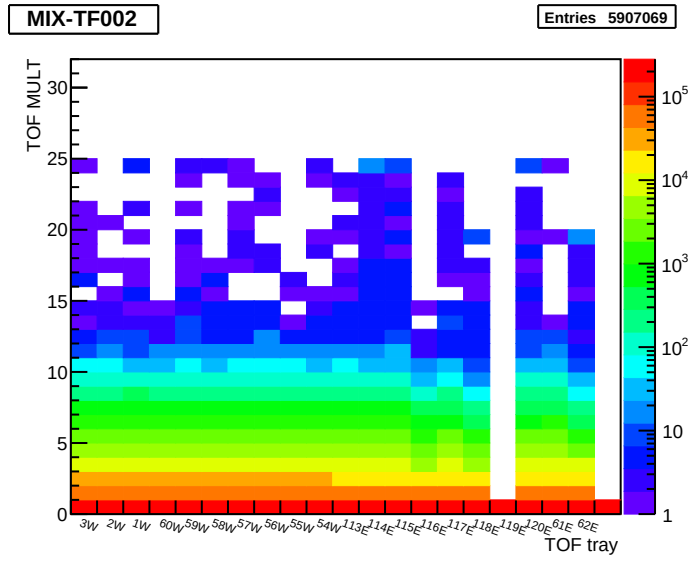

BunchId7Bit (EPD-TAC)
Entries 191783

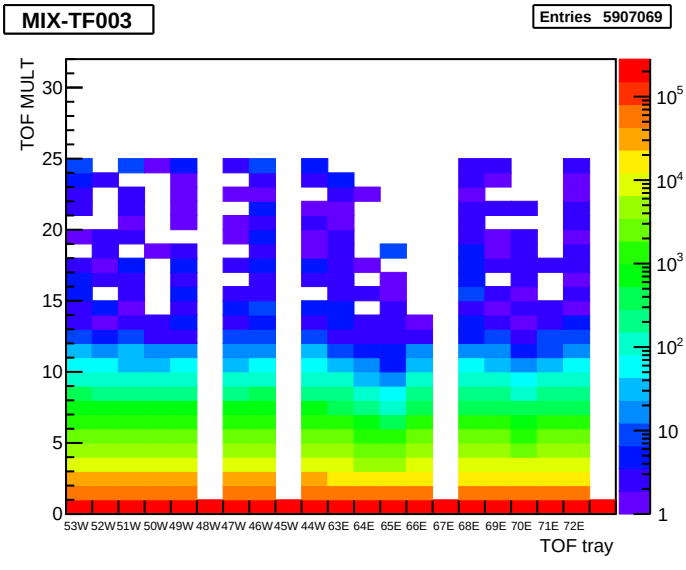

BunchId7Bit (BBC-TAC)
Entries 57677

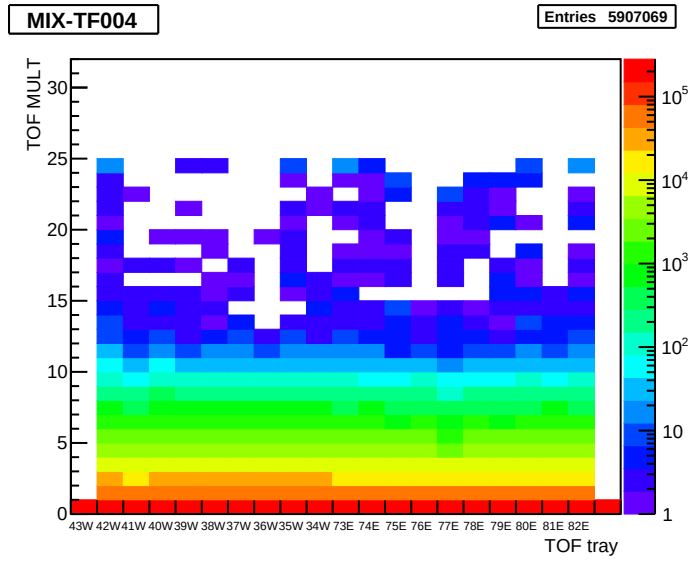

BunchId7Bit (Laser)
Entries 0

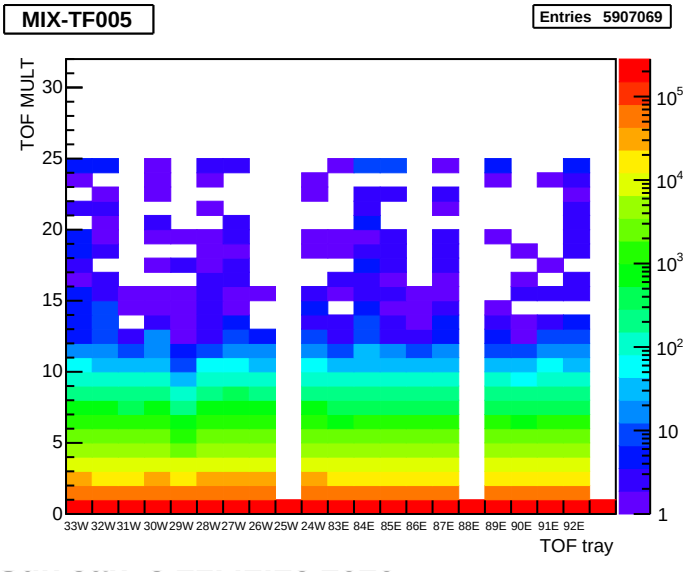

BunchId7Bit (TOFmult window)
Entries 9262

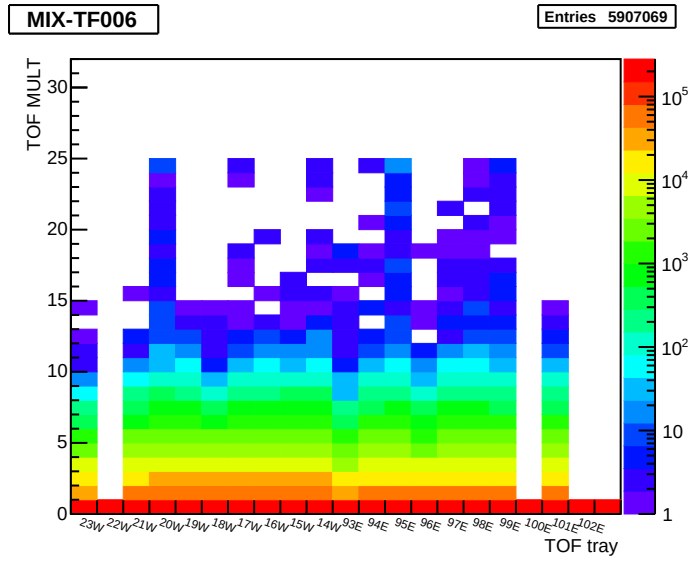

MIX-TF001
Entries 5907069
TOF MULT
TOF tray

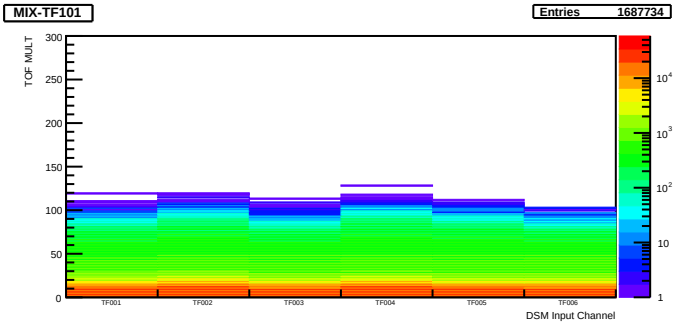

MIX-TF002
Entries 5907069
TOF MULT
TOF tray

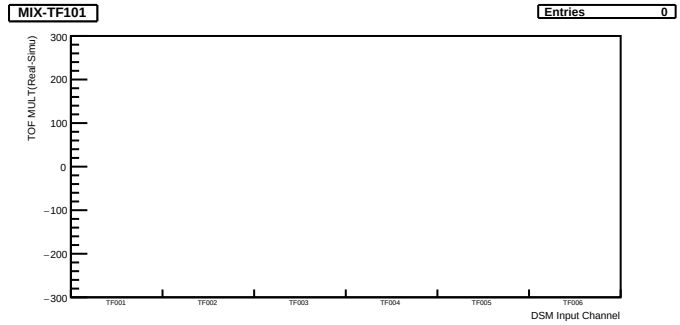

MIX-TF003
Entries 5907069
TOF MULT
TOF tray

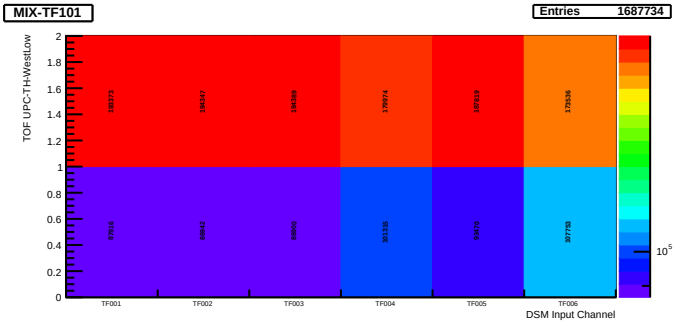

MIX-TF004
Entries 5907069
TOF MULT
TOF tray

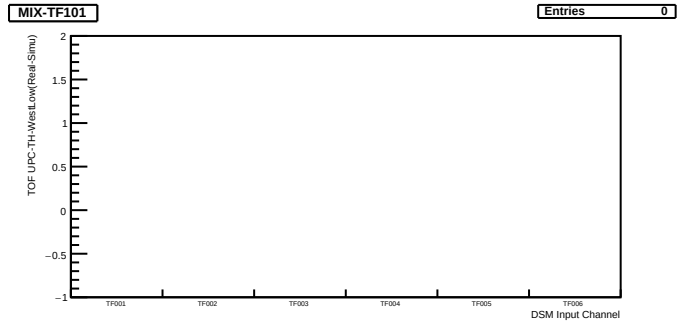

MIX-TF005
Entries 5907069
TOF MULT
TOF tray

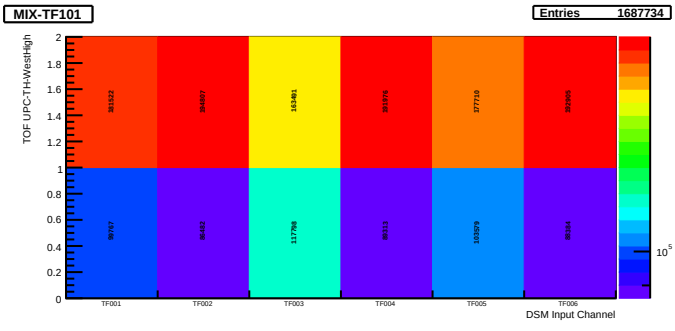

MIX-TF006
Entries 5907069
TOF MULT
TOF tray

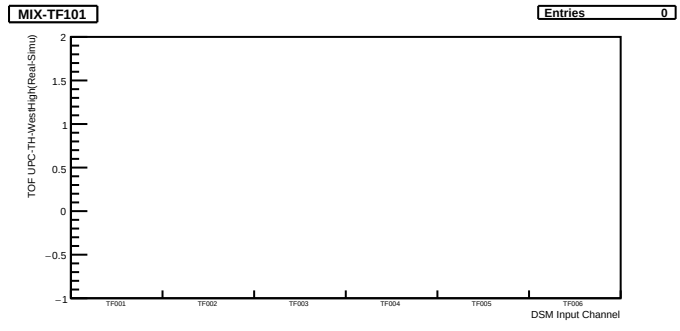

MIX-TF101
Entries 1687734
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

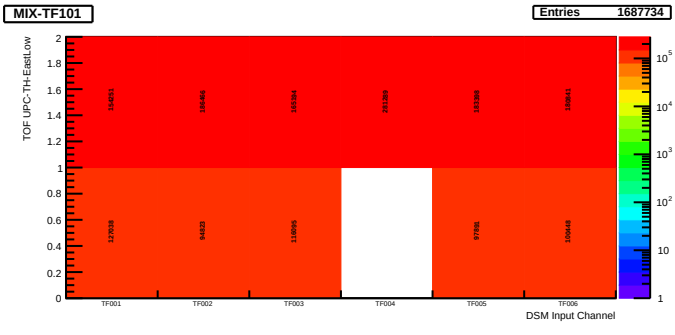

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

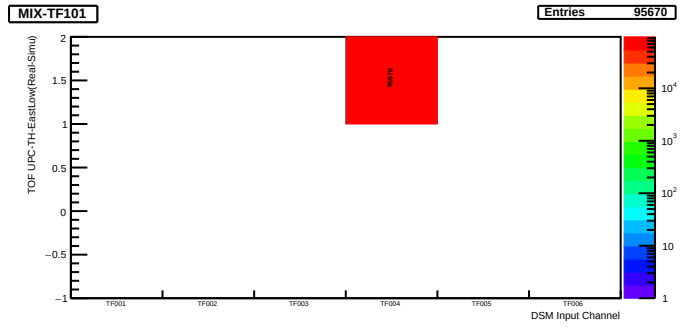

MIX-TF101
Entries 1687734
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

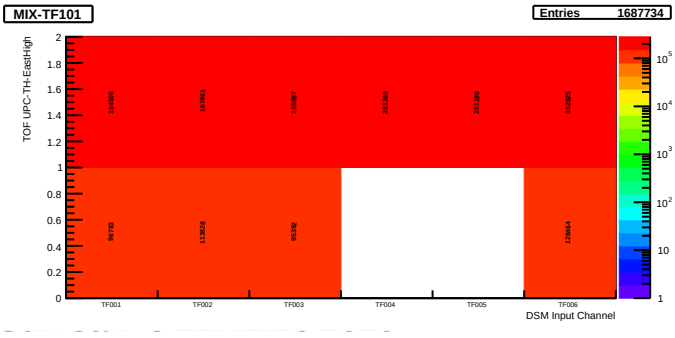

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

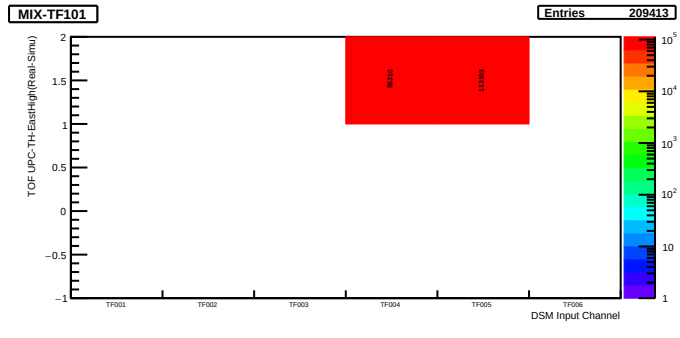

MIX-TF101
Entries 1687734
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

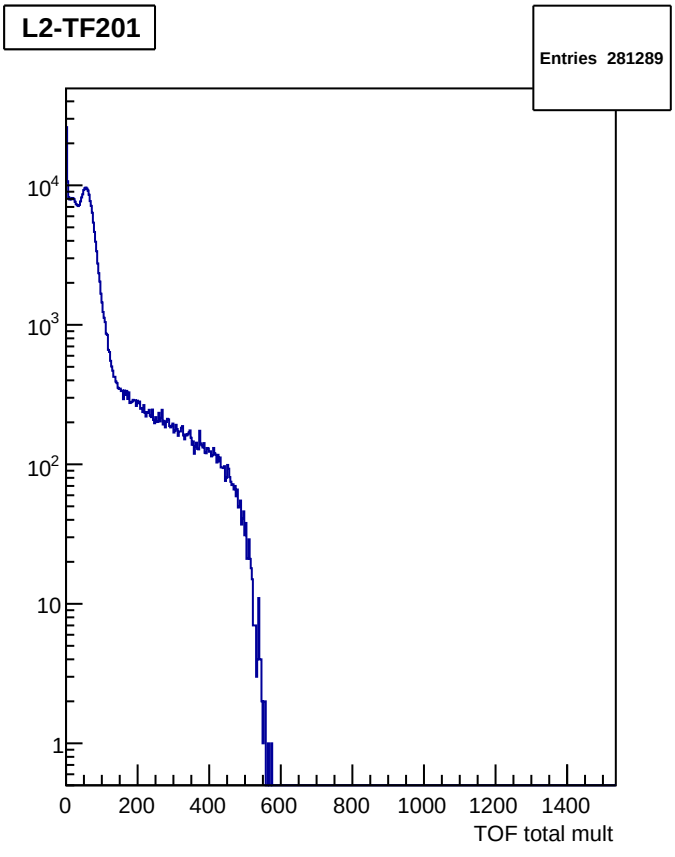

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

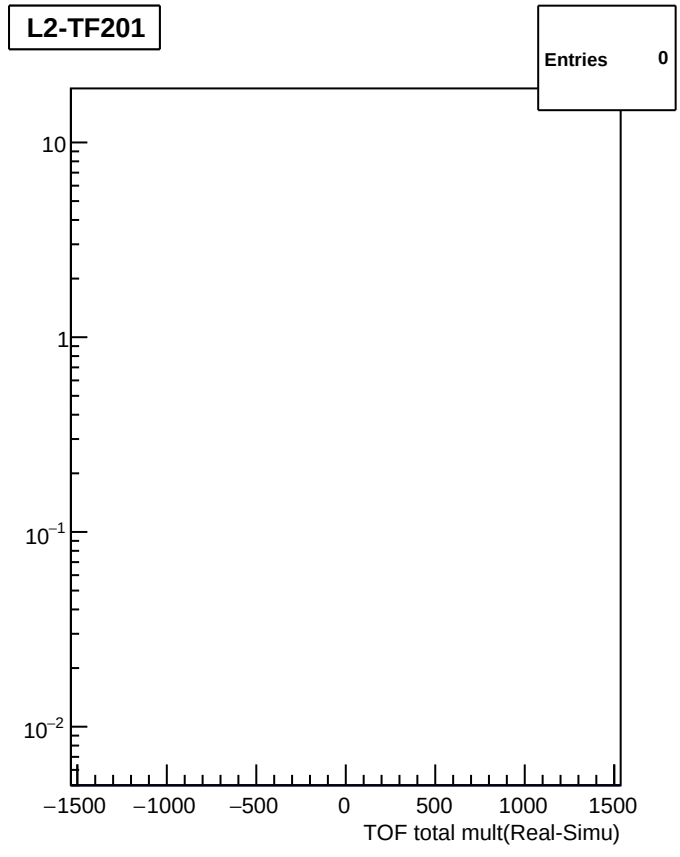

MIX-TF101
Entries 1687734
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

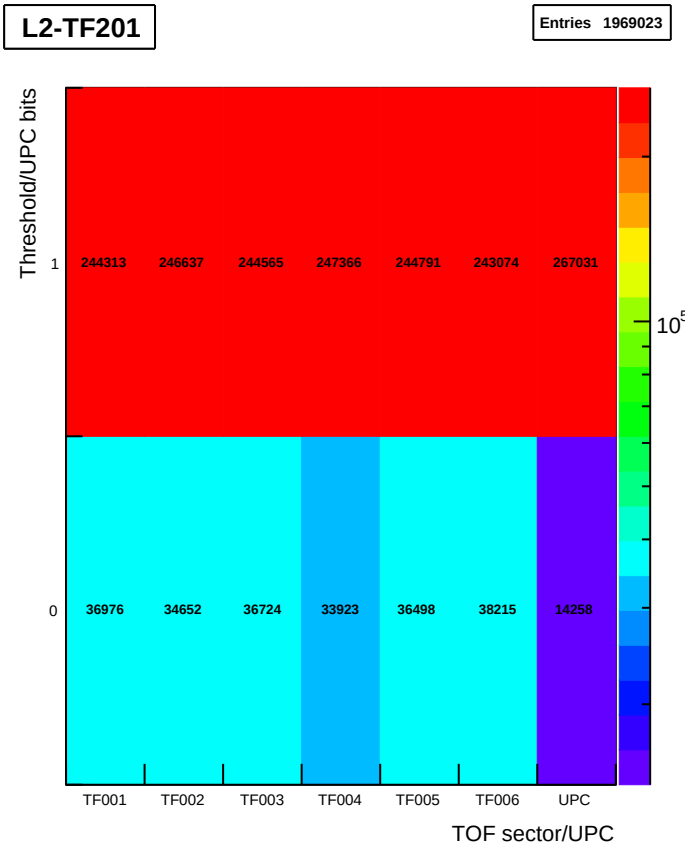

MIX-TF101
Entries 95670
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

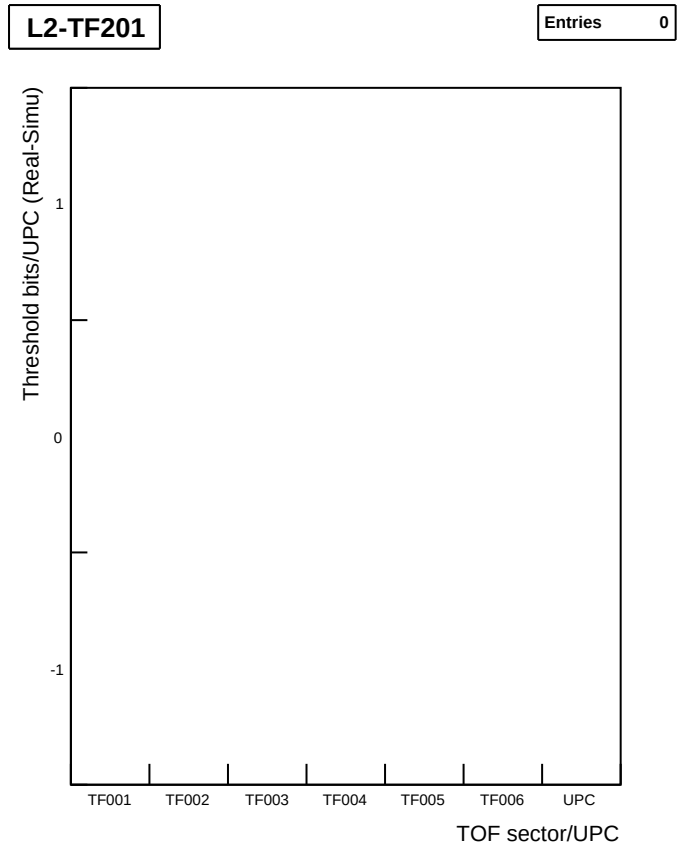

MIX-TF101
Entries 1687734
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

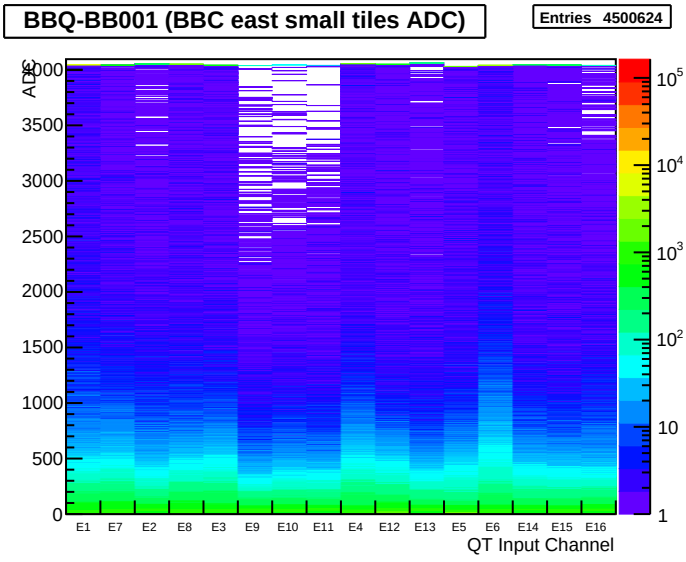

MIX-TF101
Entries 209413
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

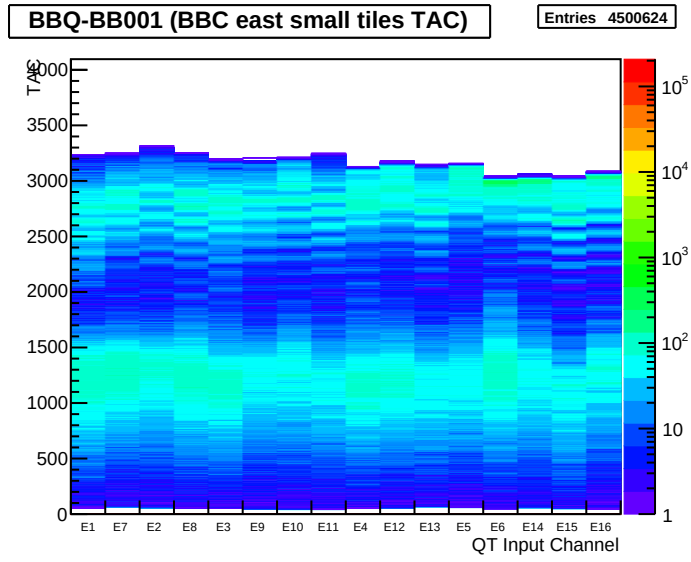

L2-TF201
Entries 281289
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

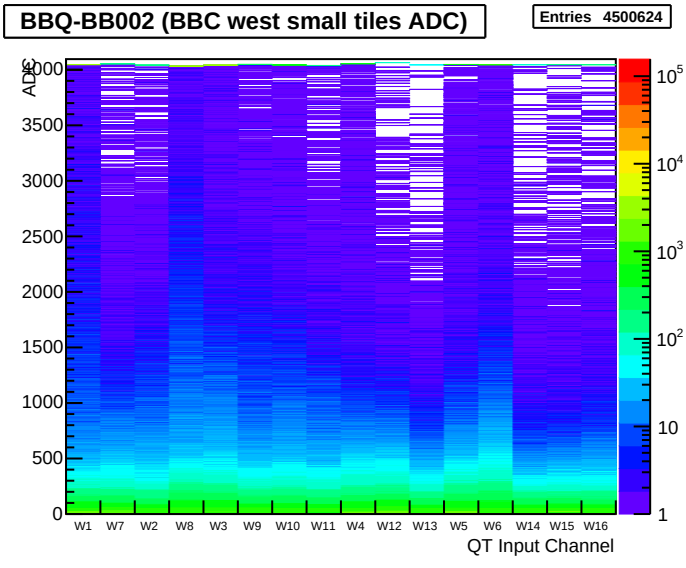

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

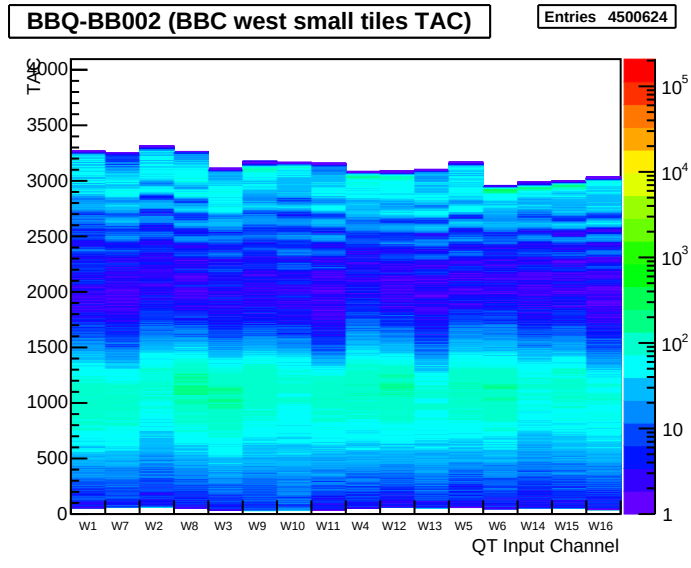

L2-TF201
Entries 1969023
Threshold/UPC bits
1
0
244313
246637
244565
247366
244791
243074
267031
36976
34652
36724
33923
36498
38215
14258
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

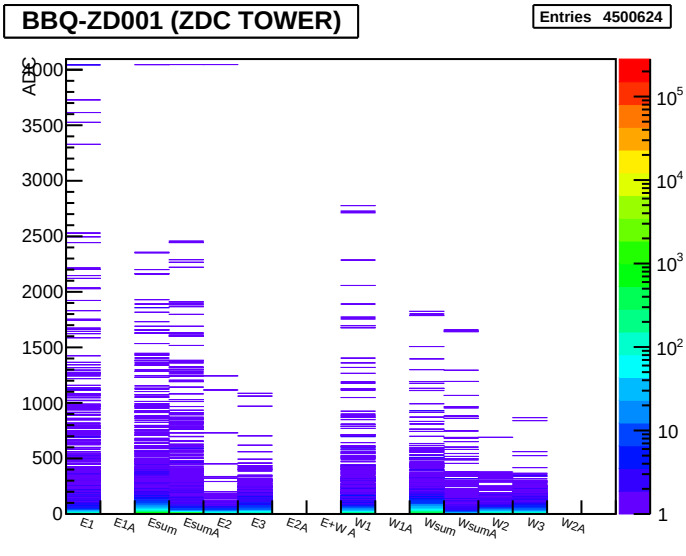

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

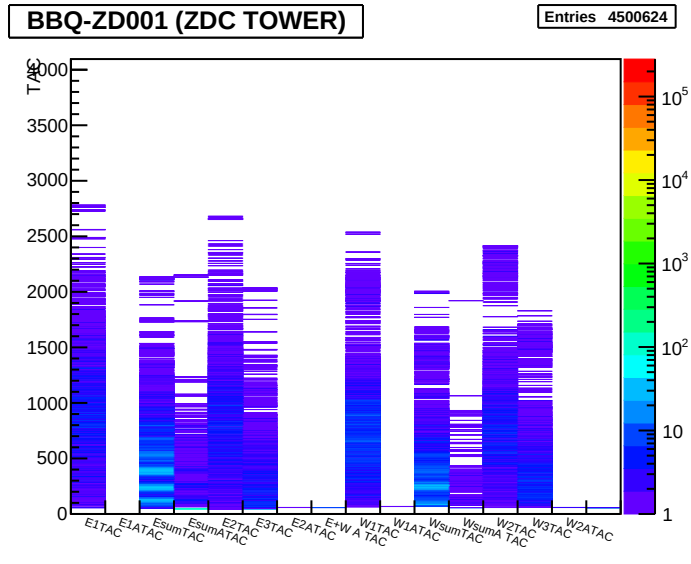

BBQ-BB001 (BBC east small tiles ADC)
Entries 4500624
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

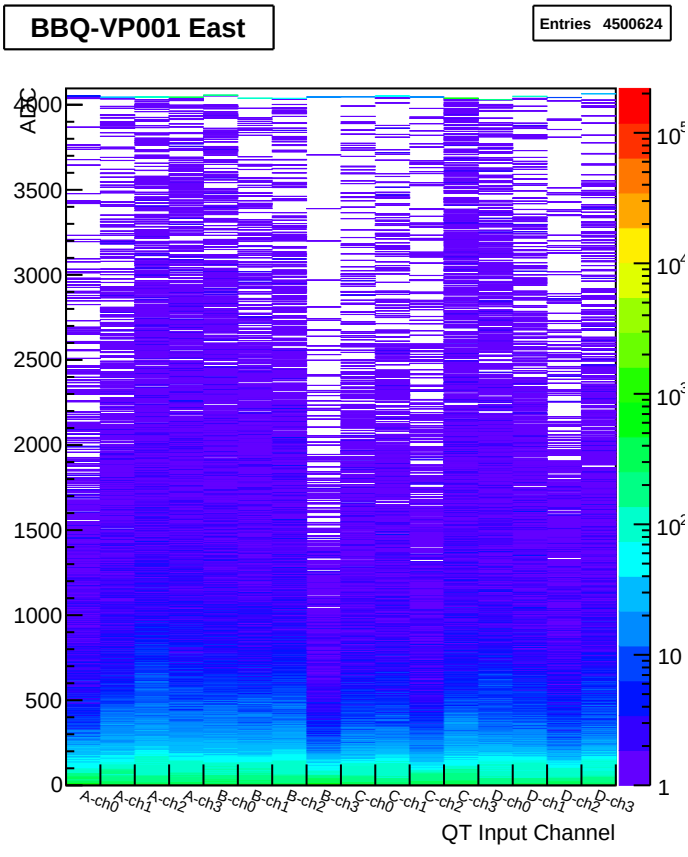

BBQ-BB001 (BBC east small tiles TAC)
Entries 4500624
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

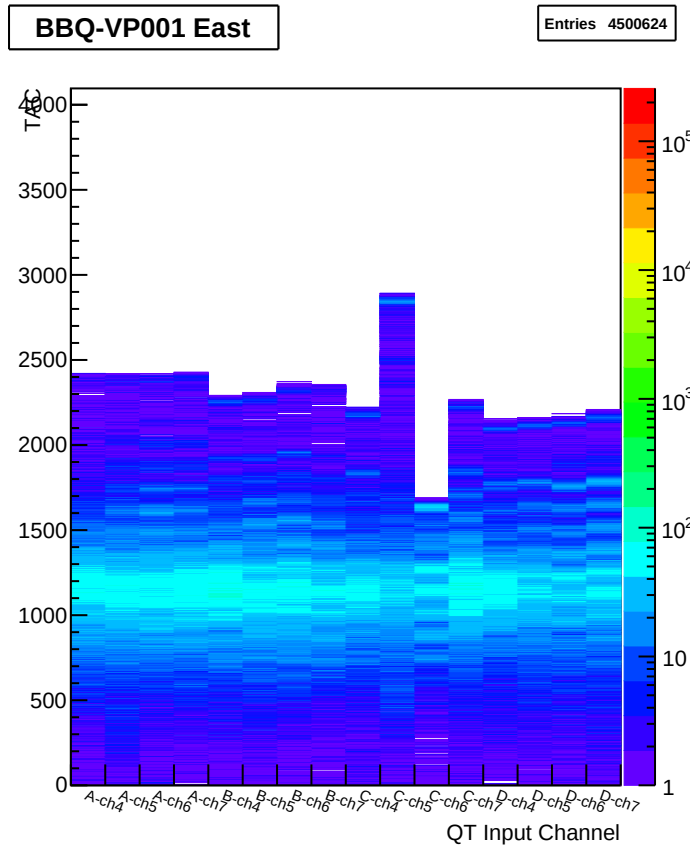

BBQ-BB002 (BBC west small tiles ADC)
Entries 4500624
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

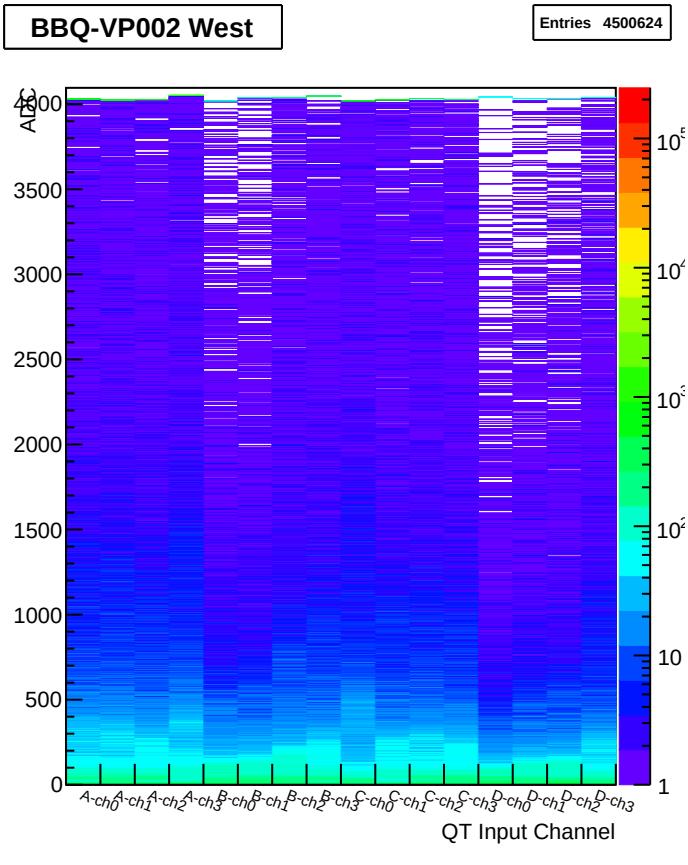

BBQ-BB002 (BBC west small tiles TAC)
Entries 4500624
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

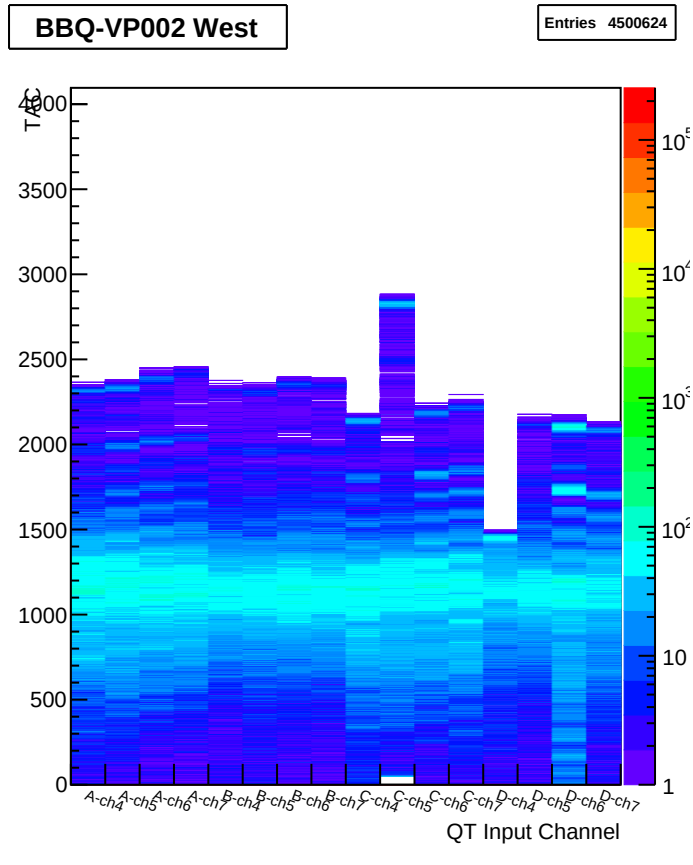

BBQ-ZD001 (ZDC TOWER)
Entries 4500624
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

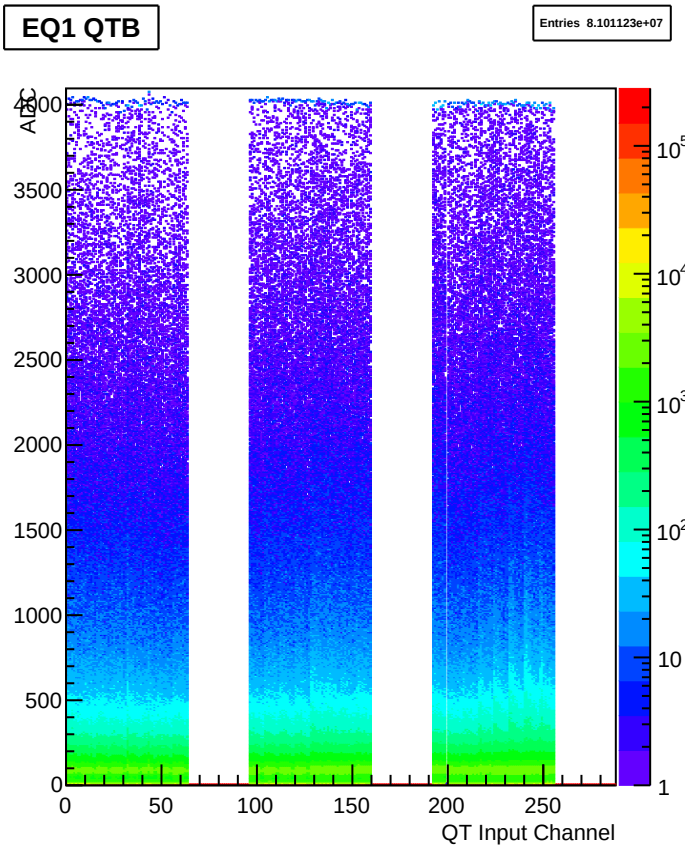

BBQ-ZD001 (ZDC TOWER)
Entries 4500624
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

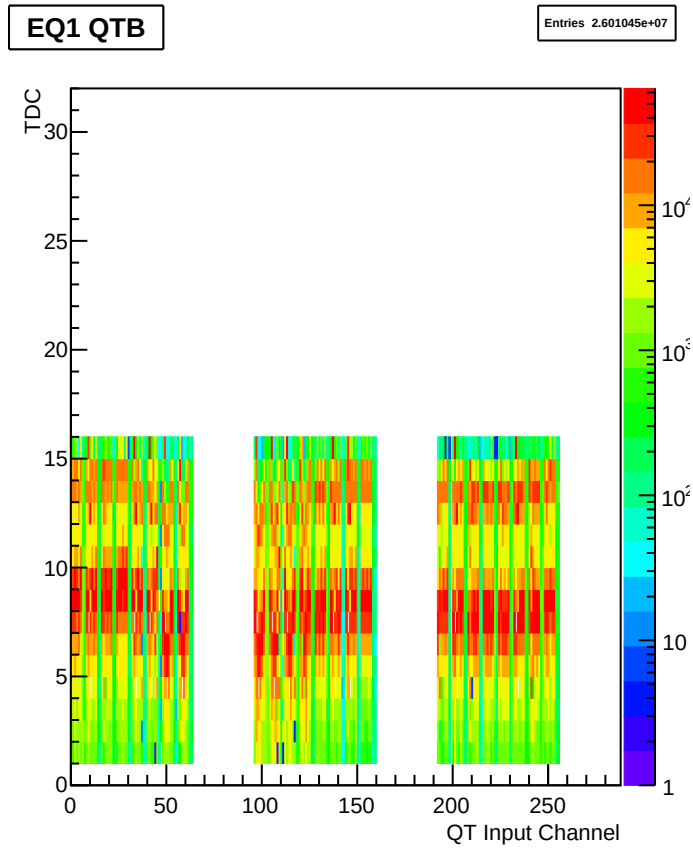

BBQ-VP001 East
Entries 4500624
ADC
QT Input Channel

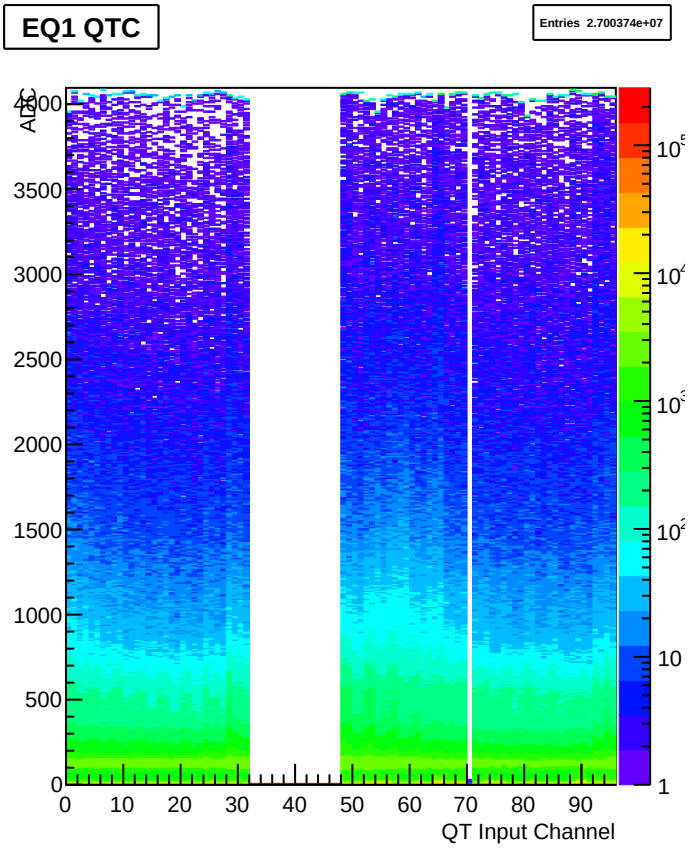

BBQ-VP001 East
Entries 4500624
TADC
QT Input Channel

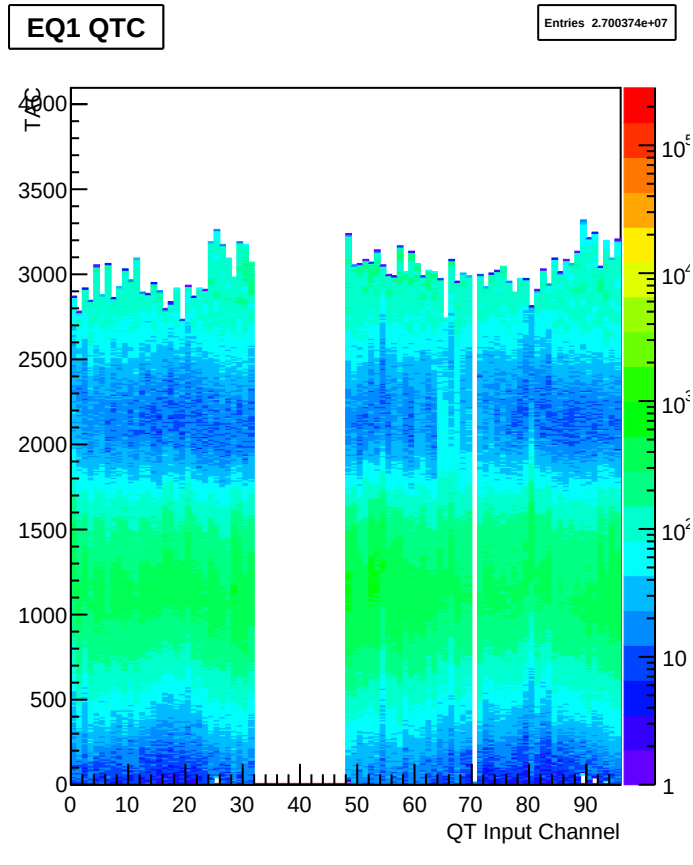

BBQ-VP002 West
Entries 4500624
ADC
QT Input Channel

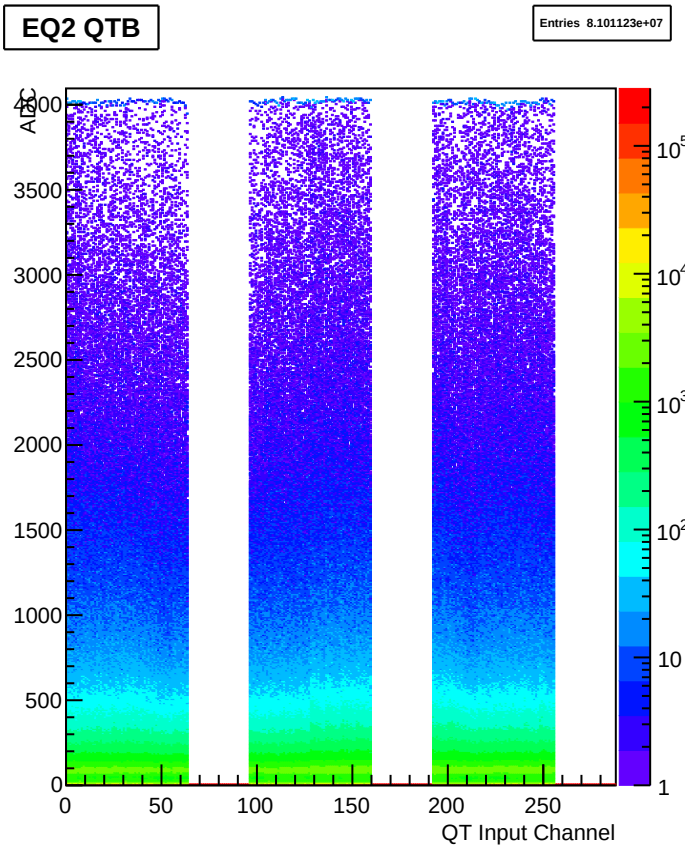

BBQ-VP002 West
Entries 4500624
TADC
QT Input Channel

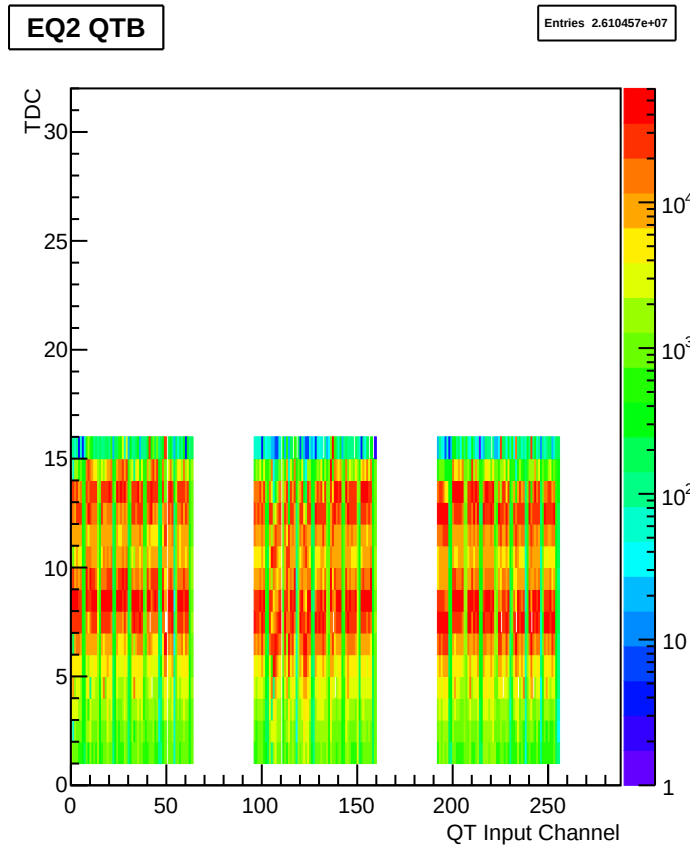

EQ1 QTB
Entries 8.101123e+07
ADC
QT Input Channel

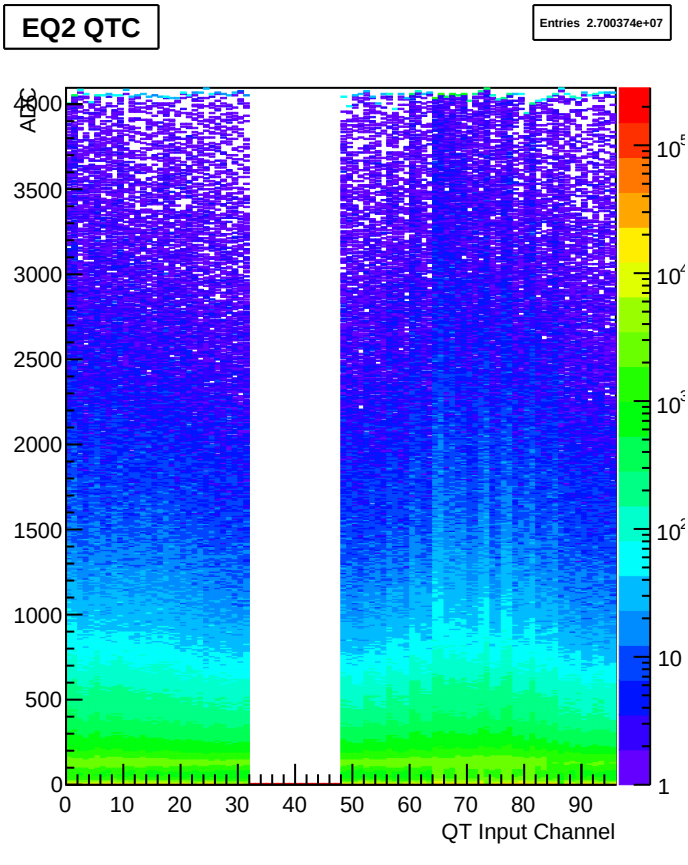

EQ1 QTB
Entries 2.601045e+07
TDC
QT Input Channel

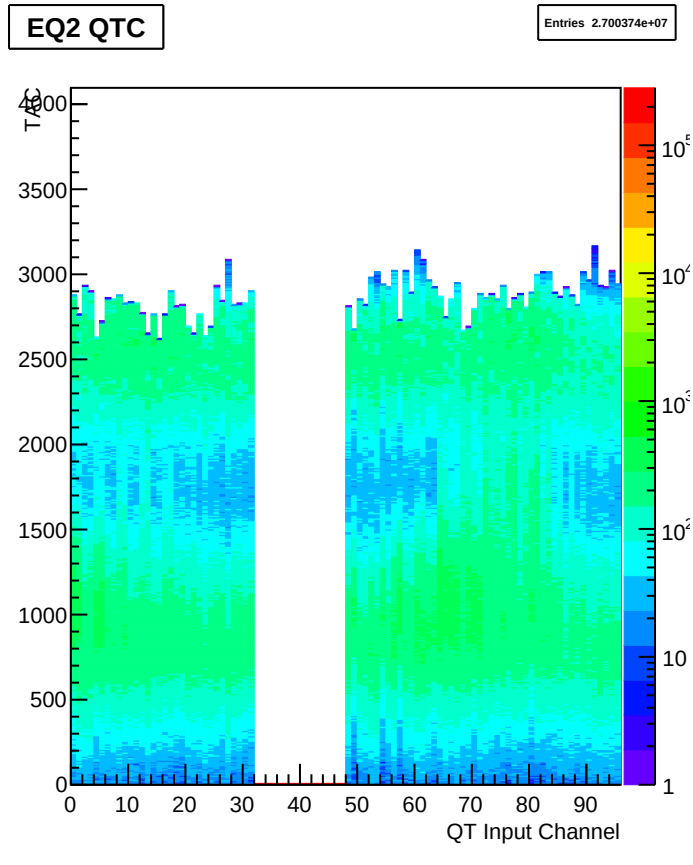

EQ1 QTC
Entries 2.700374e+07
ADC
QT Input Channel

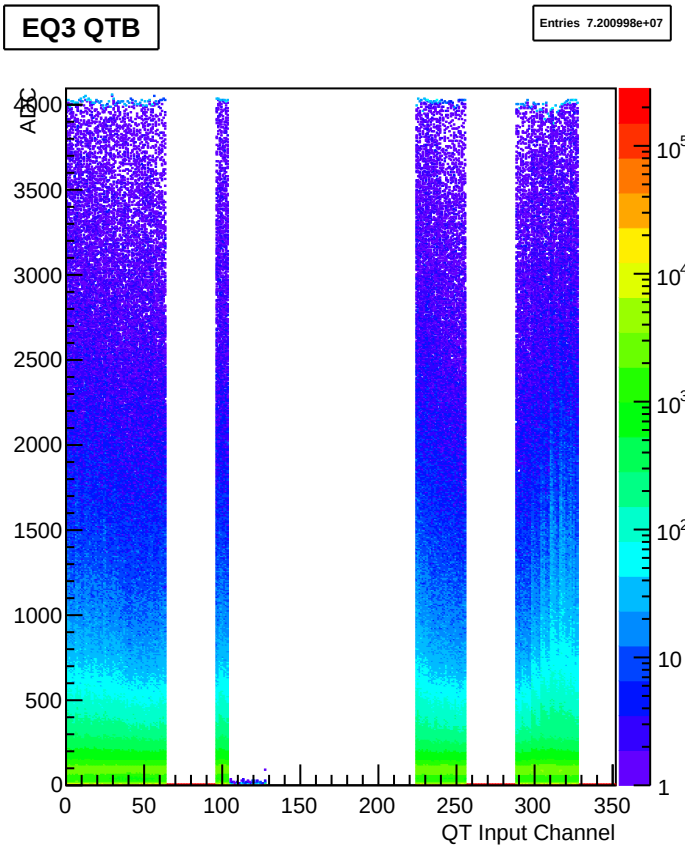

EQ1 QTC
Entries 2.700374e+07
TADC
QT Input Channel

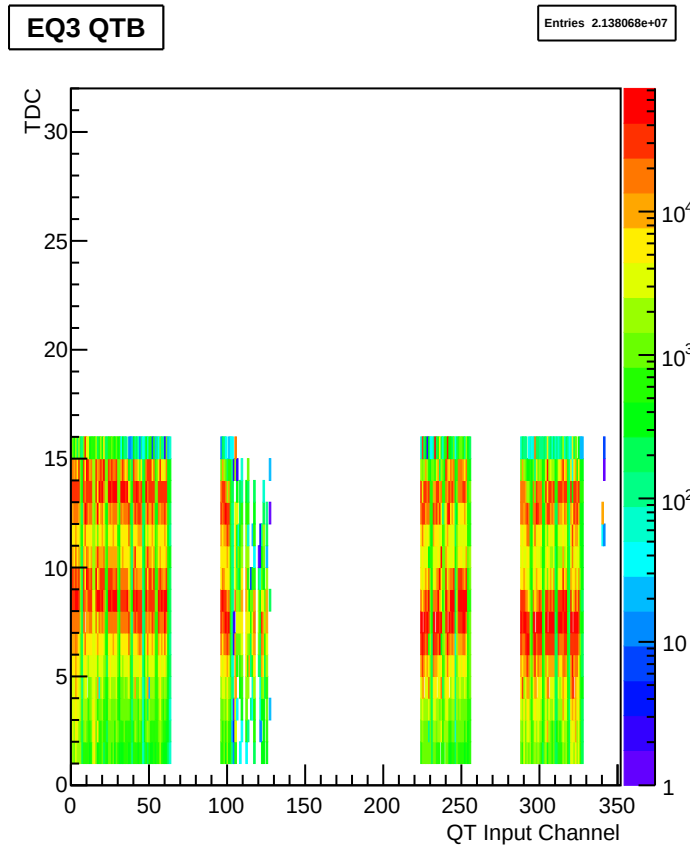

EQ2 QTB
Entries 8.101123e+07
ADC
QT Input Channel

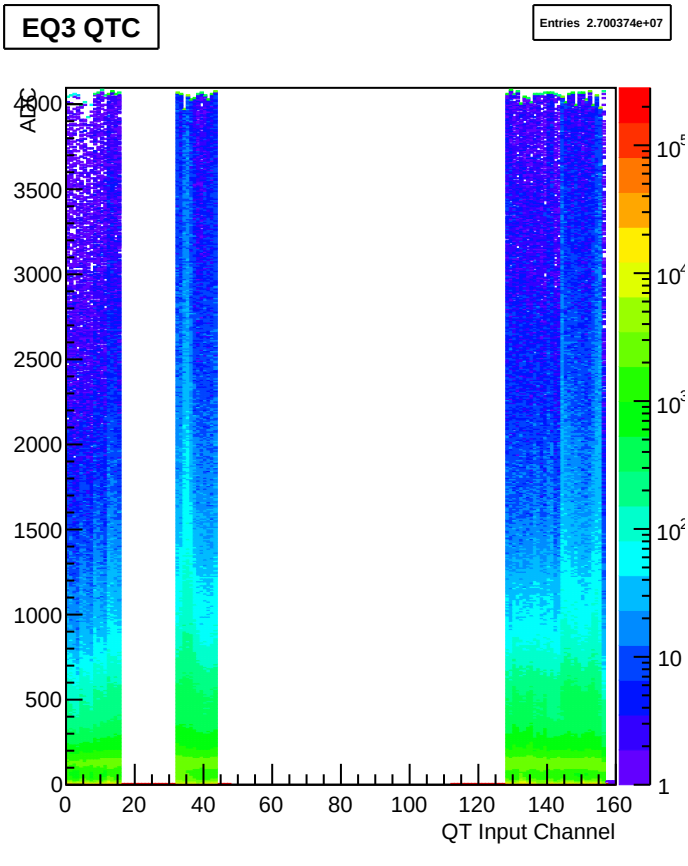

EQ2 QTB
Entries 2.610457e+07
TDC
QT Input Channel

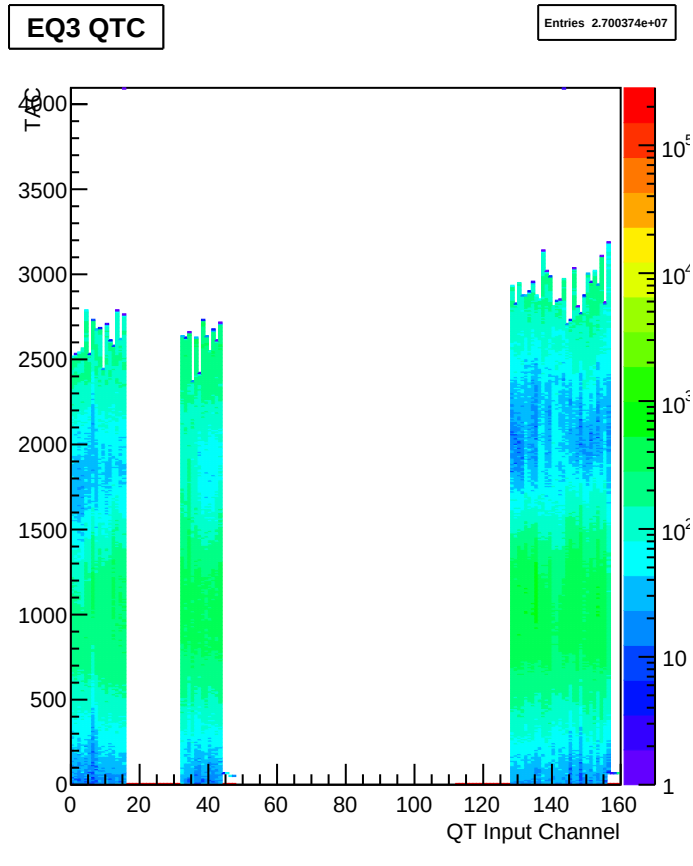

EQ2 QTC
Entries 2.700374e+07
ADC
QT Input Channel

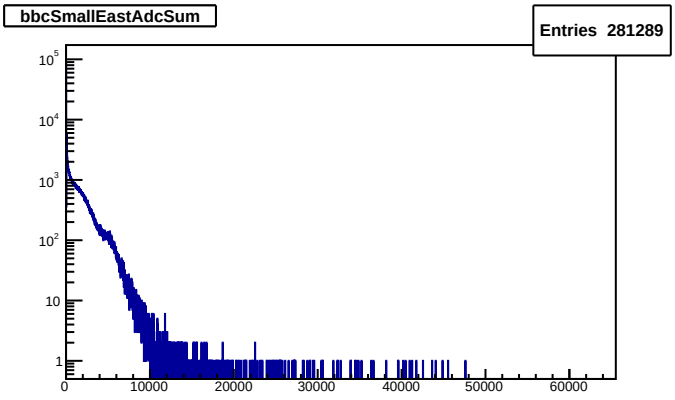

EQ2 QTC
Entries 2.700374e+07
TADC
QT Input Channel

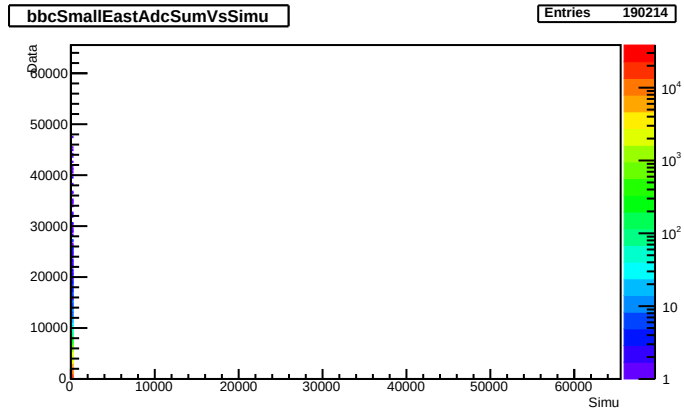

EQ3 QTB
Entries 7.200998e+07
ADC
QT Input Channel

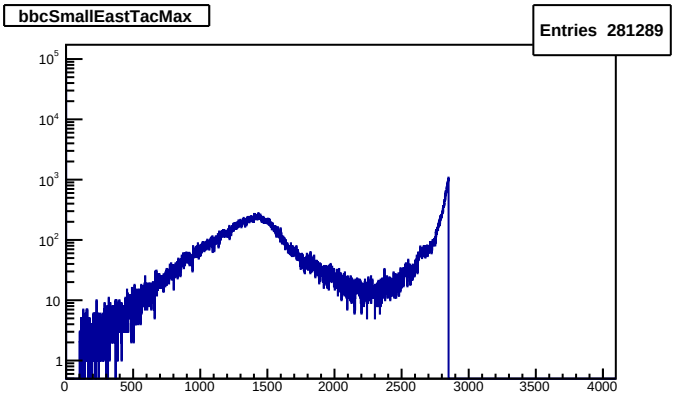

EQ3 QTB
Entries 2.138068e+07
TDC
QT Input Channel

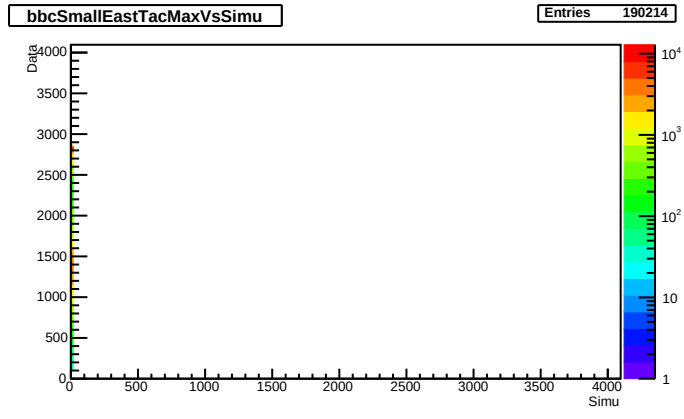

EQ3 QTC
Entries 2.700374e+07
ADC
QT Input Channel

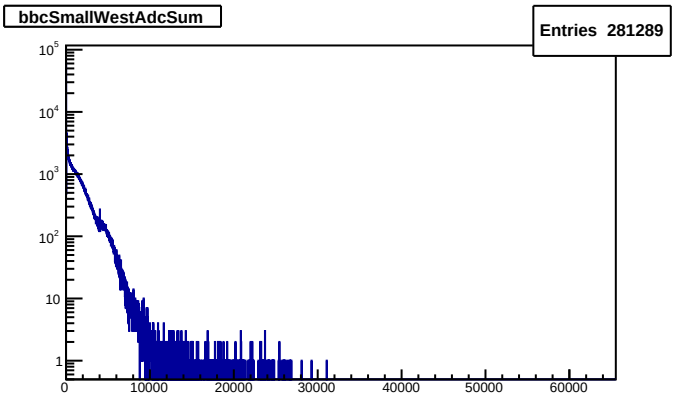

EQ3 QTC
Entries 2.700374e+07
TADC
QT Input Channel

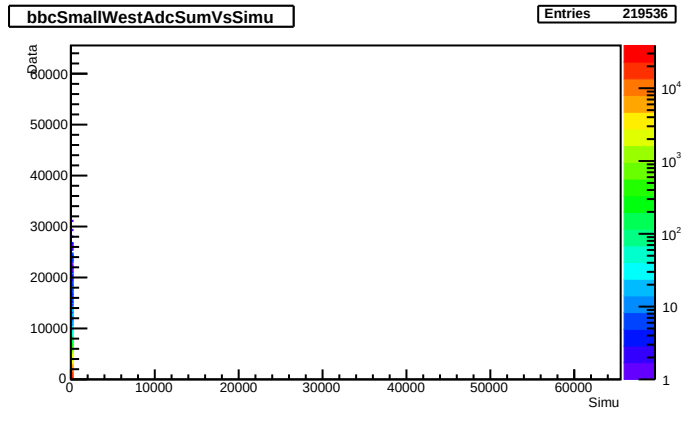

bbcSmallEastAdcSum
Entries 281289


bbcSmallEastAdcSumVsSimu
Entries 190214
Data
Simu


bbcSmallEastTacMax
Entries 281289


bbcSmallEastTacMaxVsSimu
Entries 190214
Data
Simu


bbcSmallWestAdcSum
Entries 281289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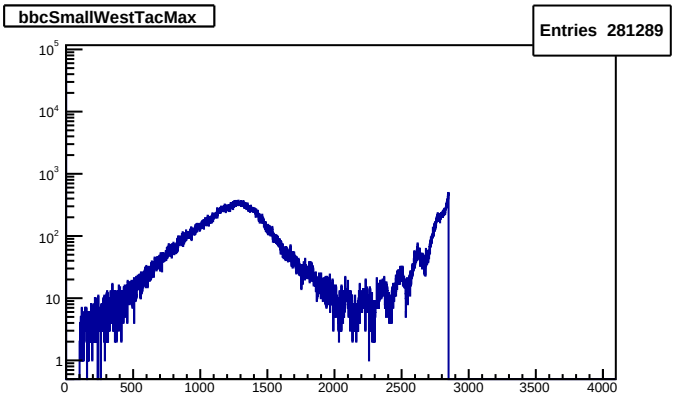
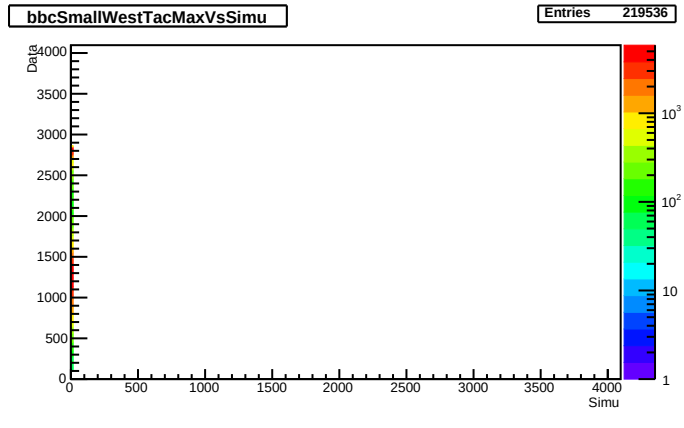
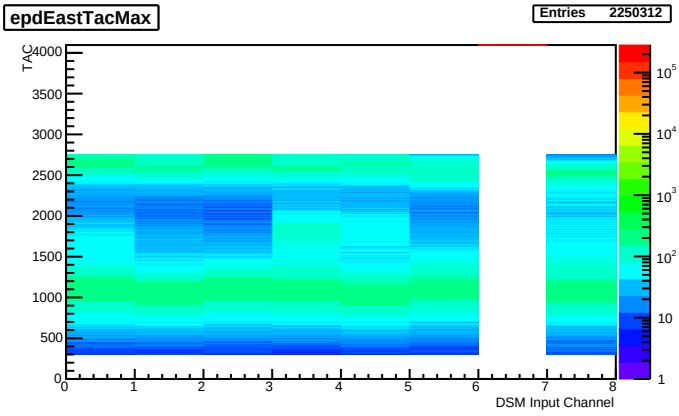
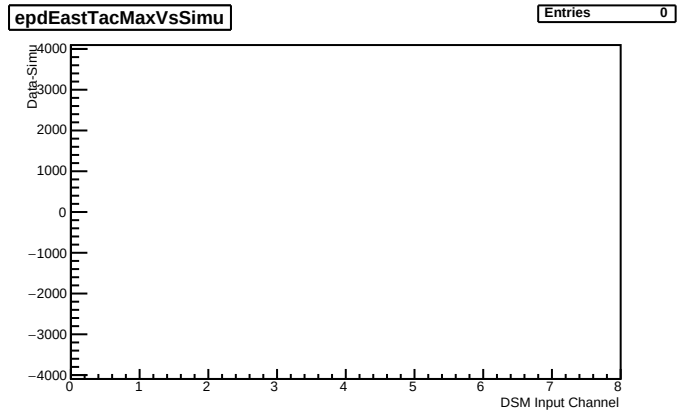
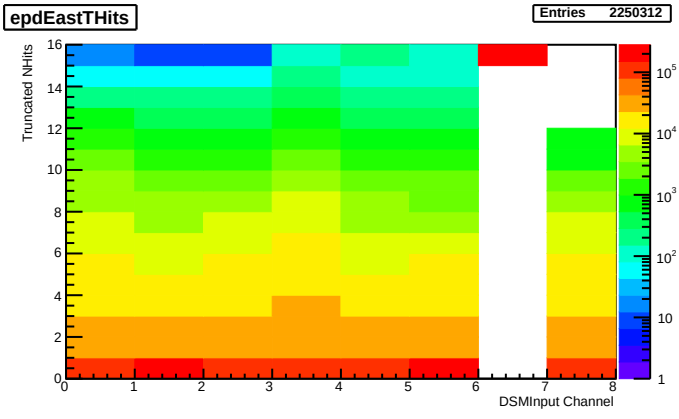
Entries 219536
Data
Simu

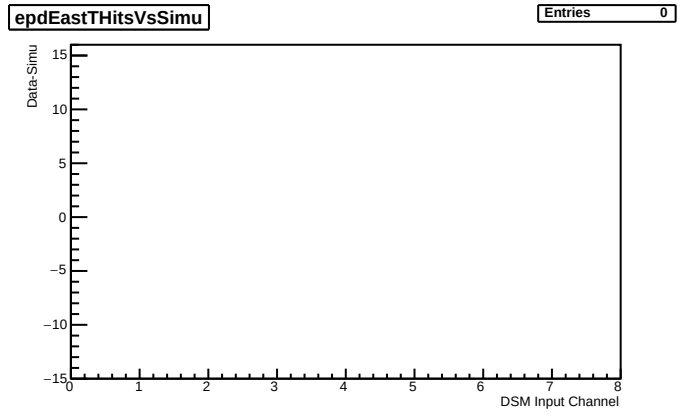

bbcSmallWestTacMax
Entries 281289


bbcSmallWestTacMaxVsSimu
Entries 219536
Data
Simu


epdEastTacMax
Entries 2250312
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2250312
Truncated NHits
DSMInput Channel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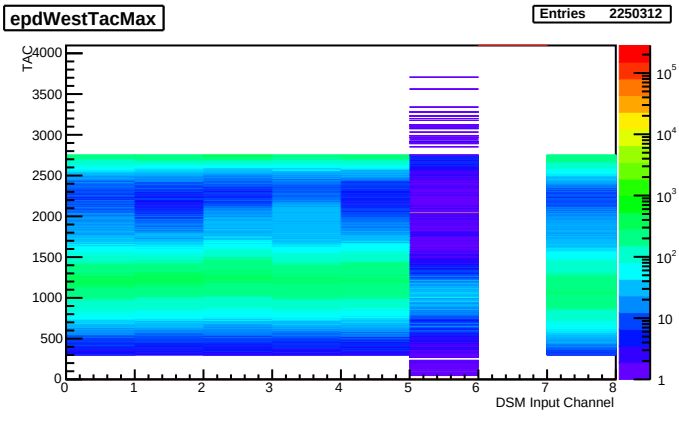
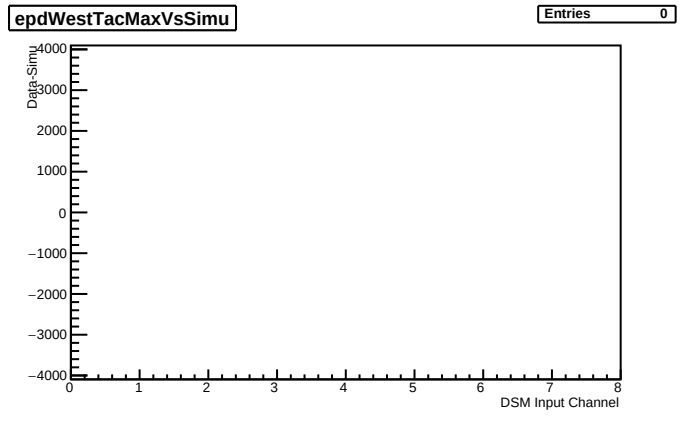
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2250312
TAC
DSM Input Channel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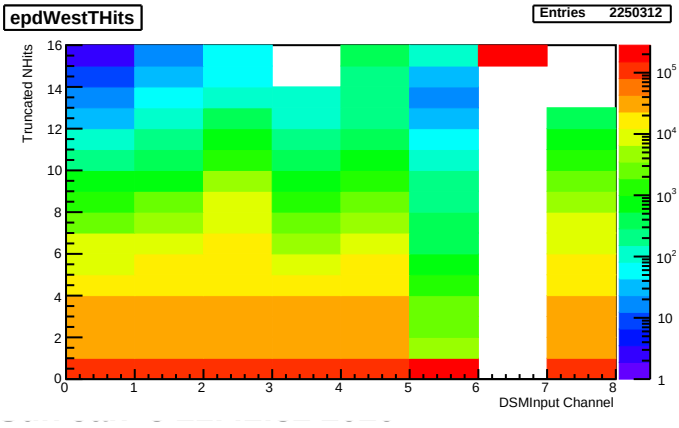
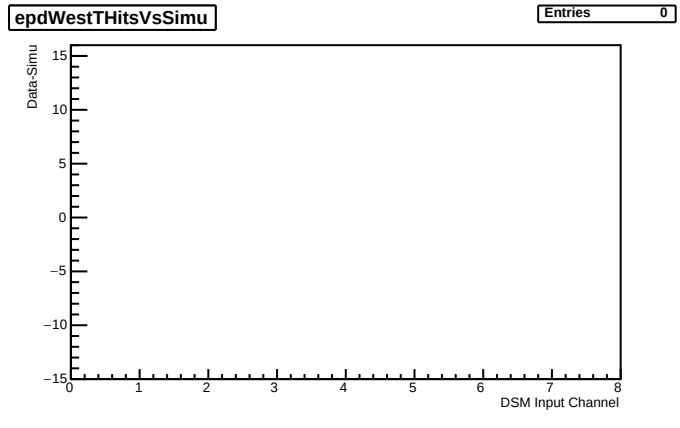
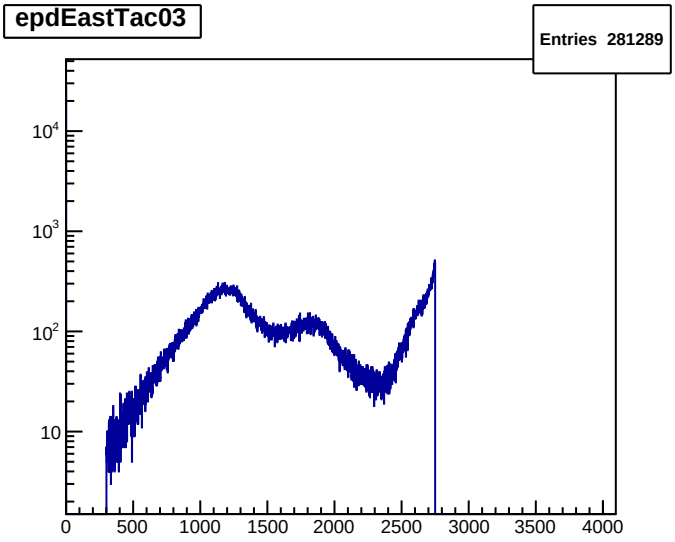
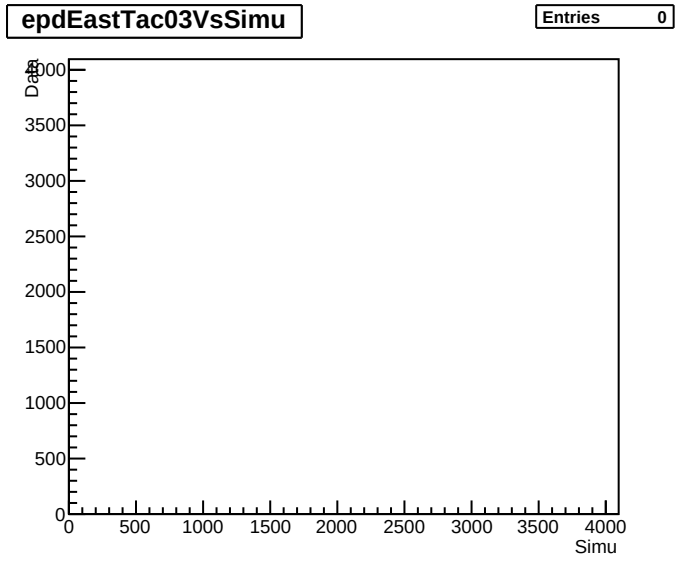
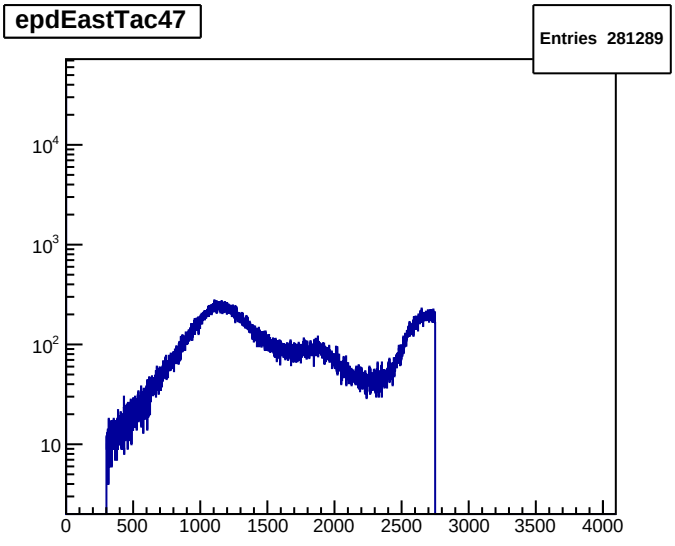
Entries 0
Data-Simu
DSM Input Channel

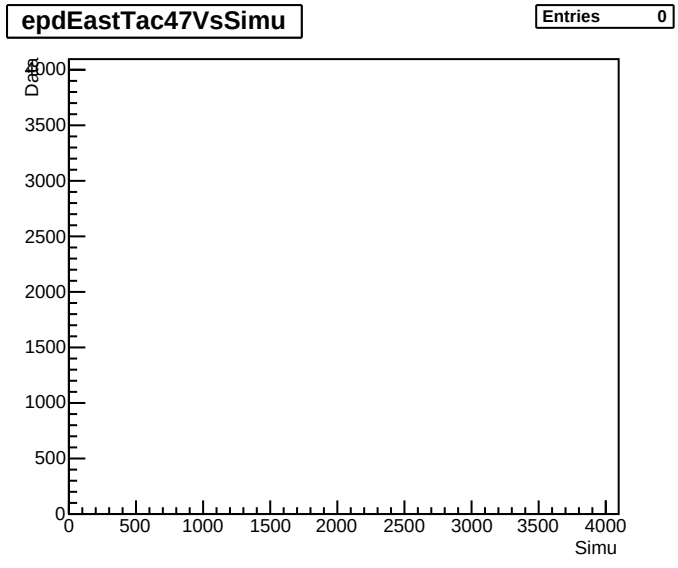

epdWestTHits
Entries 2250312
Truncated NHits
DSMInput Channel

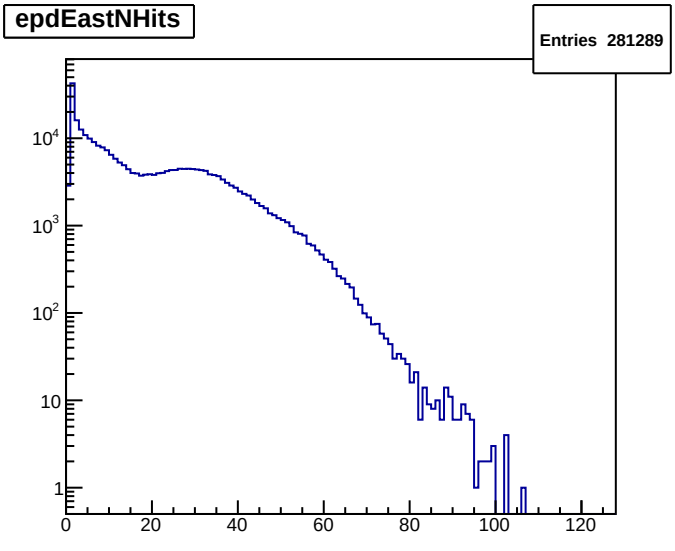

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

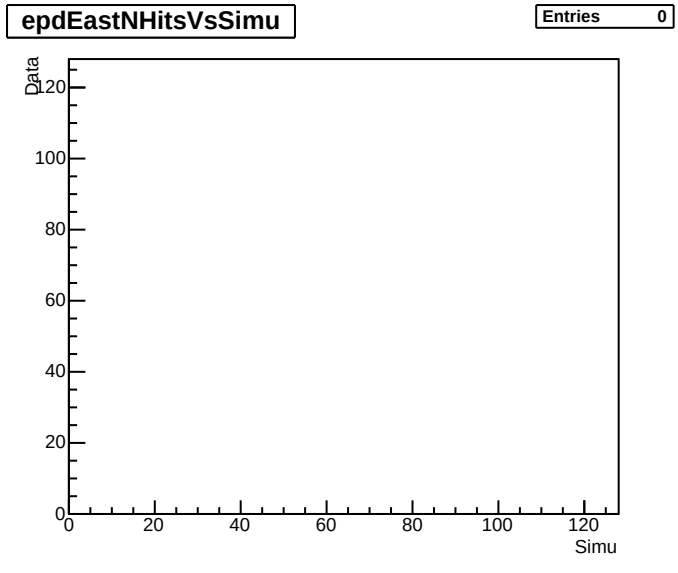

epdEastTac03
Entries 281289

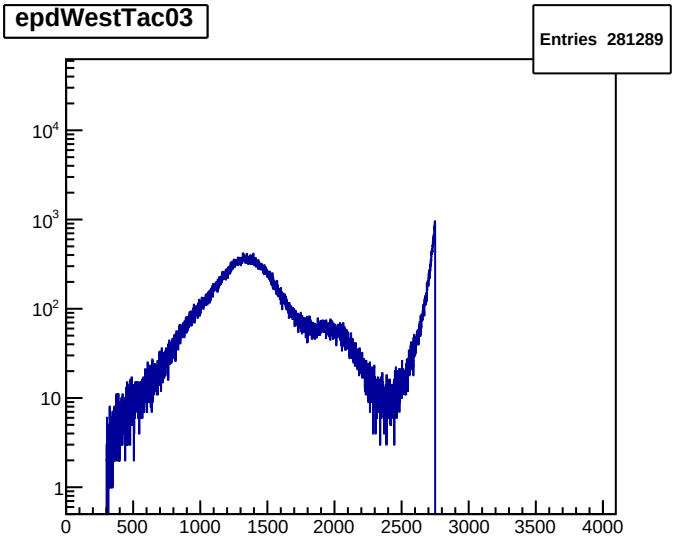

epdEastTac03VsSimu
Entries 0
Data
Simu

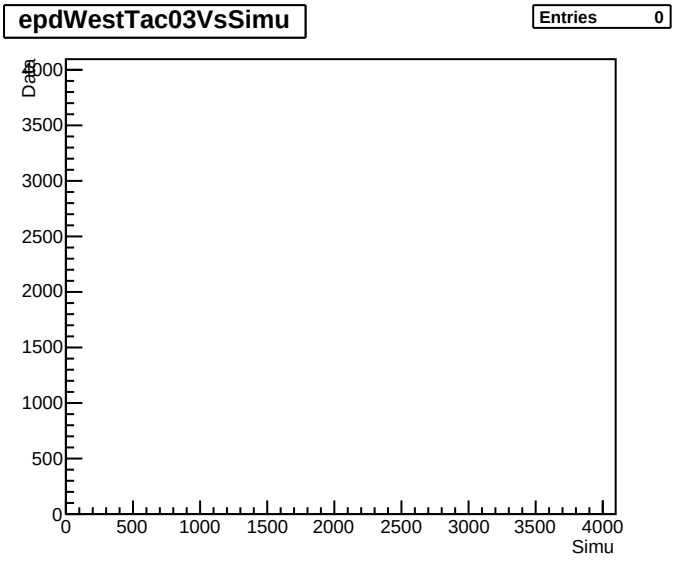

epdEastTac47
Entries 281289

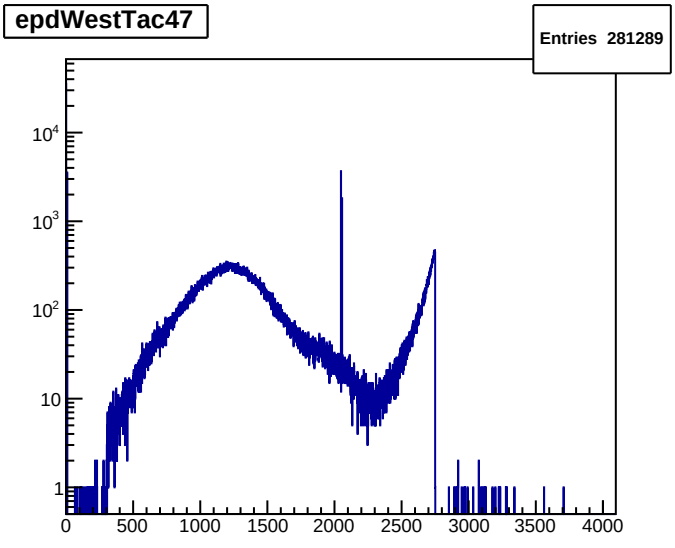

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 281289


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 281289


epdWestTac03VsSimu
Entries 0
Data
Simu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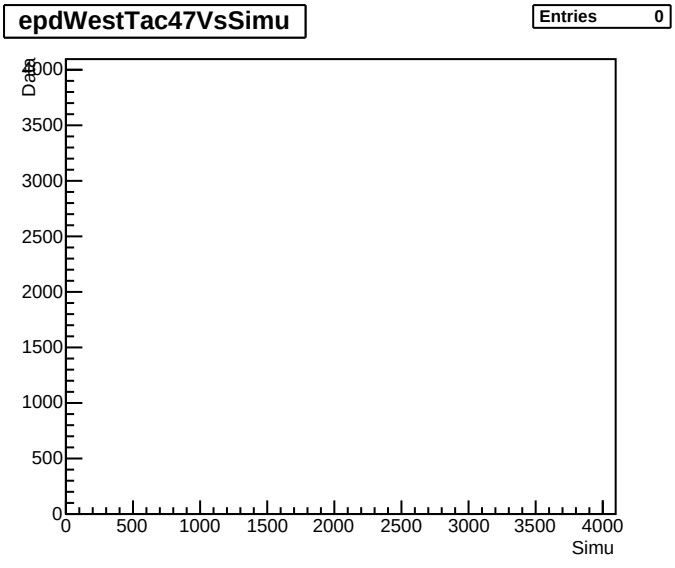
Entries 281289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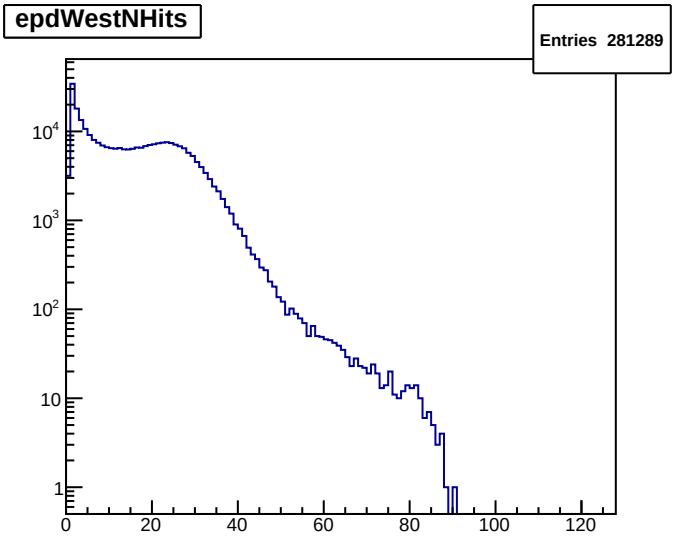
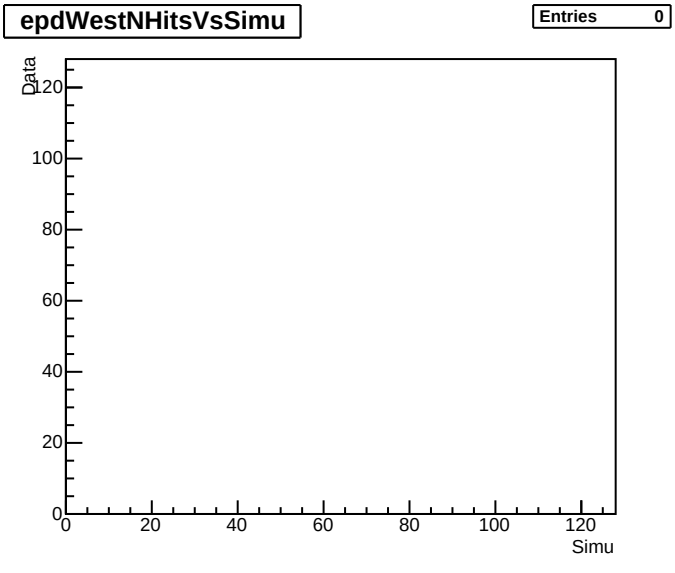
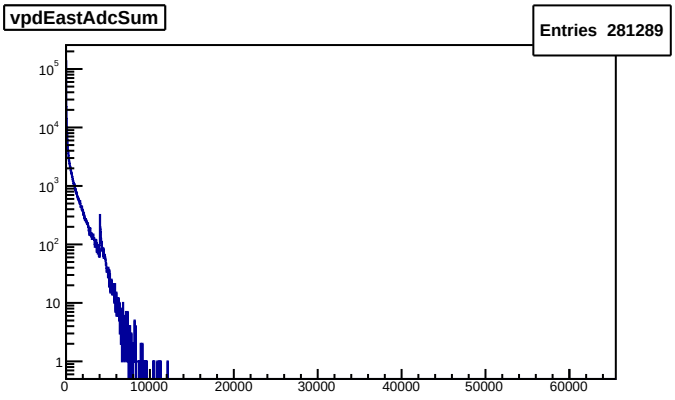
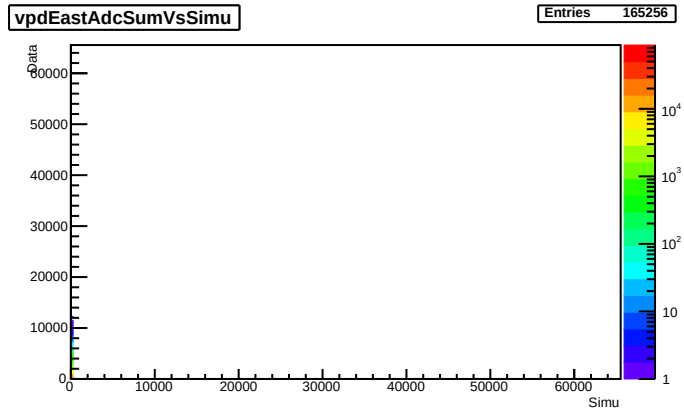
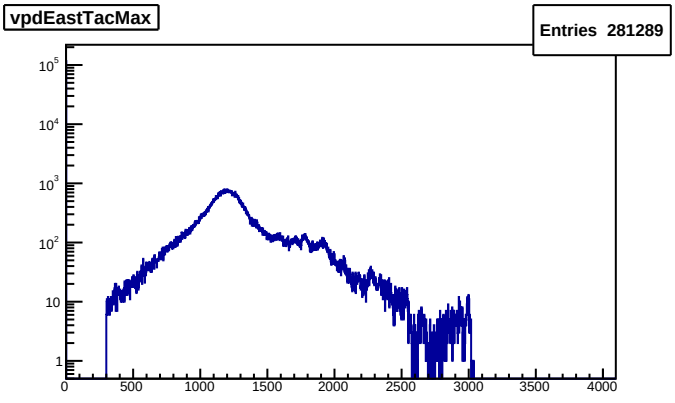
Entries 0
Data
Simu

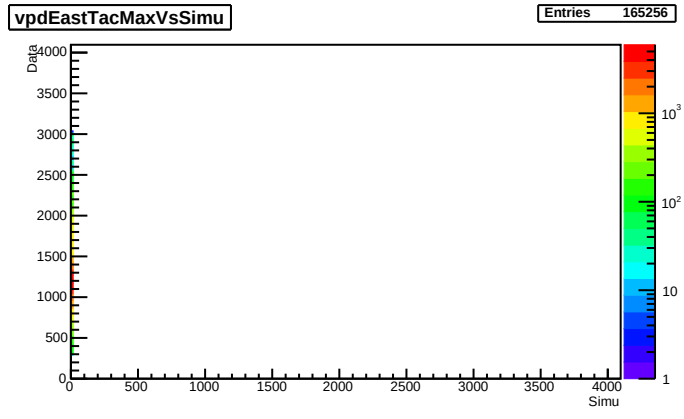

epdWestNHits
Entries 281289

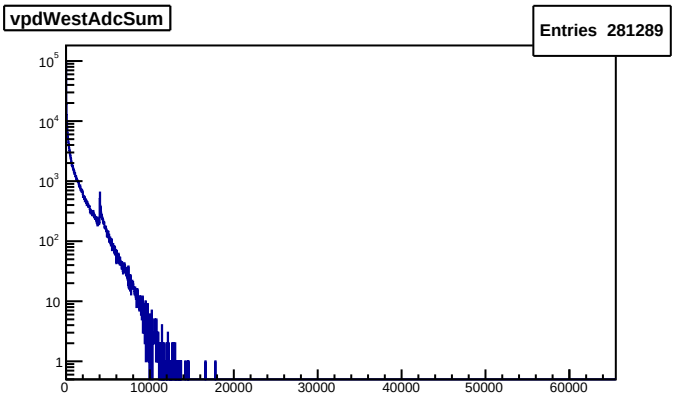

epdWestNHitsVsSimu
Entries 0
Data
Simu

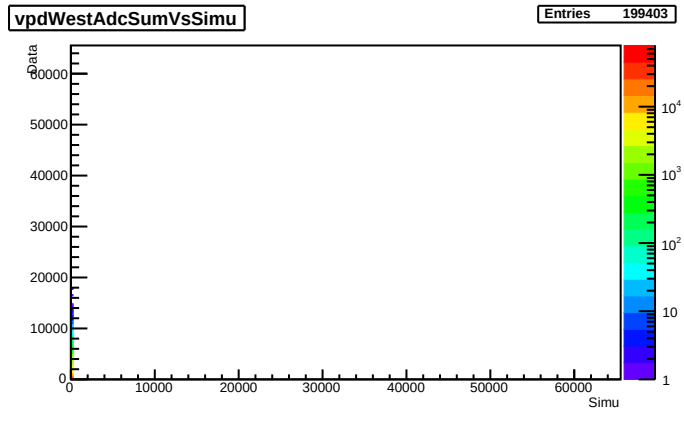

vpdEastAdcSum
Entries 281289

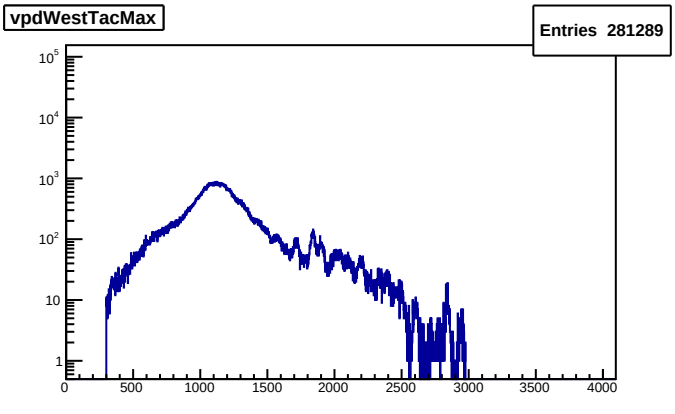

vpdEastAdcSumVsSimu
Entries 165256
Data
Simu

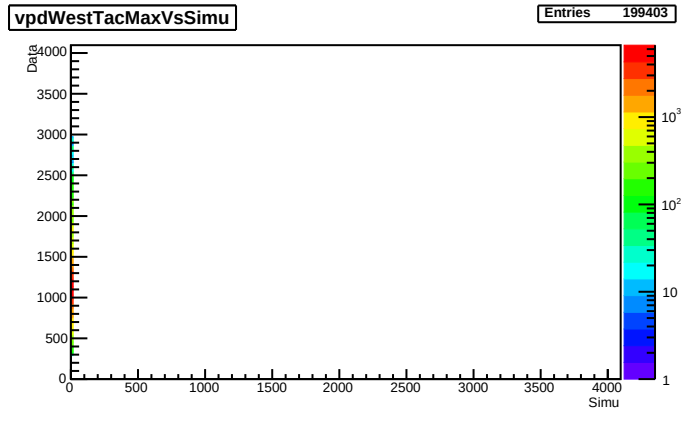

vpdEastTacMax
Entries 281289

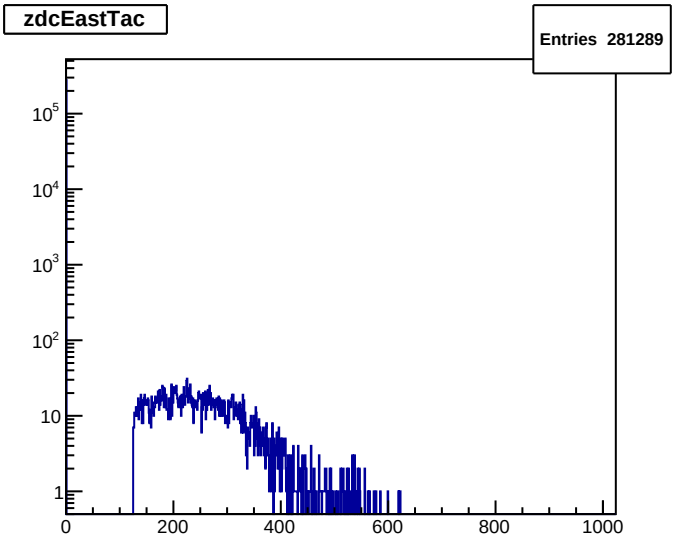

vpdEastTacMaxVsSimu
Entries 165256
Data
Simu

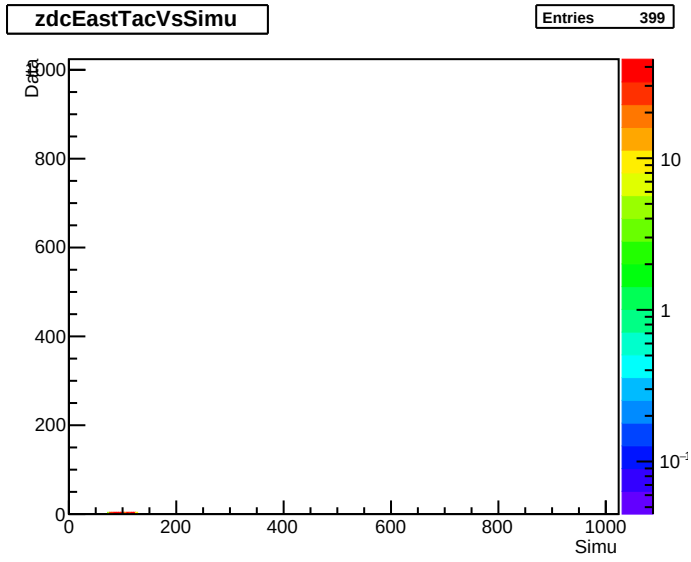

vpdWestAdcSum
Entries 281289

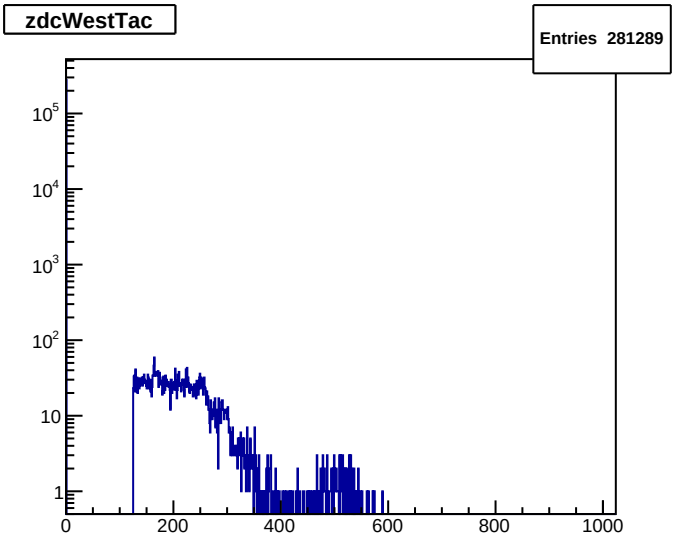

vpdWestAdcSumVsSimu
Entries 199403
Data
Simu

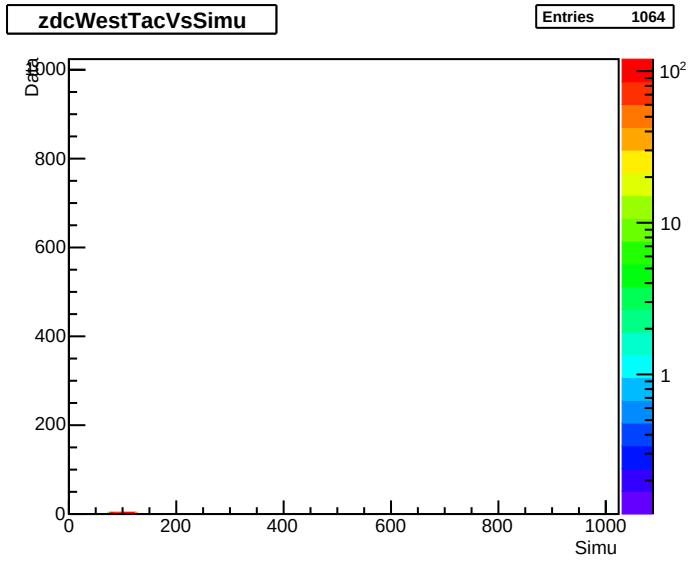

vpdWestTacMax
Entries 281289

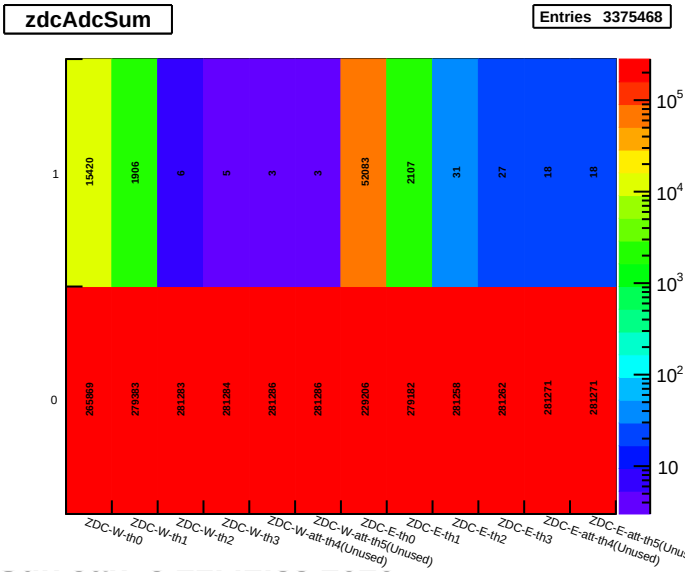

vpdWestTacMaxVsSimu
Entries 199403
Data
Simu

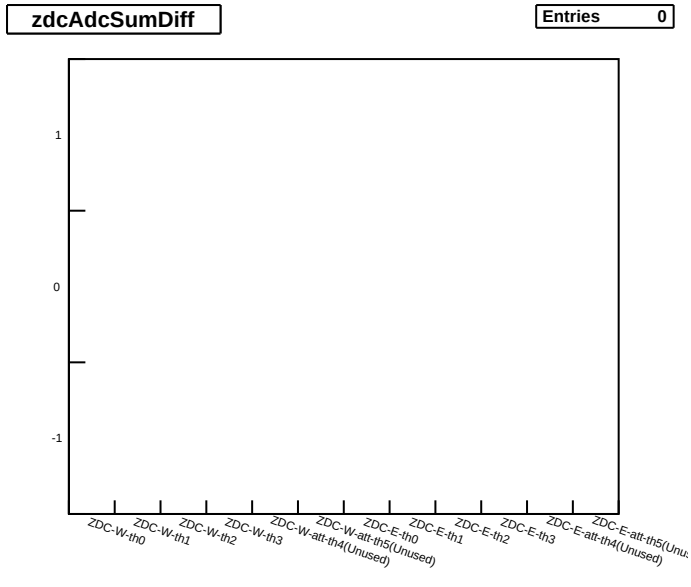

zdcEastTac
Entries 281289

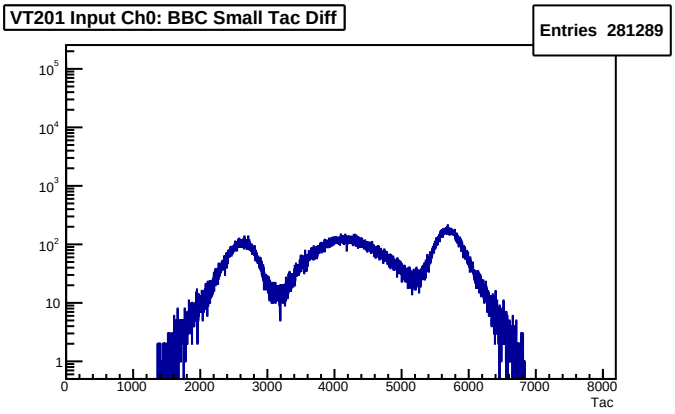

zdcEastTacVsSimu
Entries 399
Data
Simu

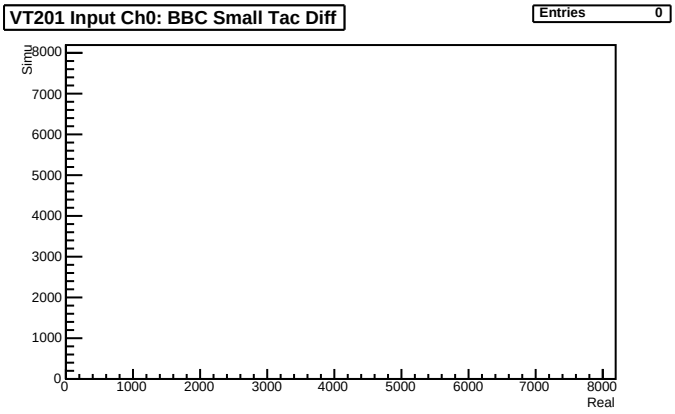

zdcWestTac
Entries 281289

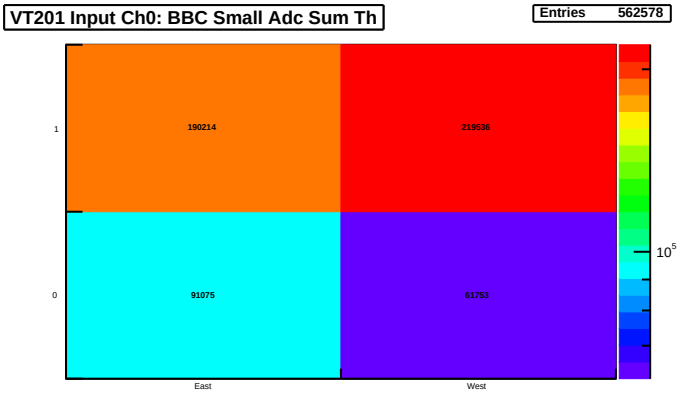

zdcWestTacVsSimu
Entries 1064
Data
Simu

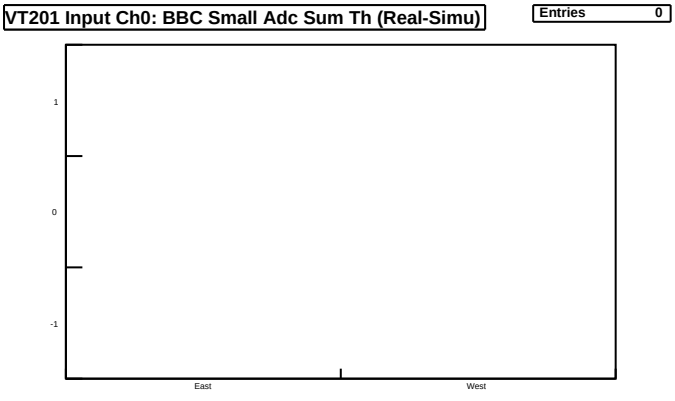

zdcAdcSum
Entries 3375468
15420
1906
6
5
3
3
52083
2107
31
27
18
18
265889
279383
281283
281284
281286
281286
229206
279182
281258
281262
281271
281271
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

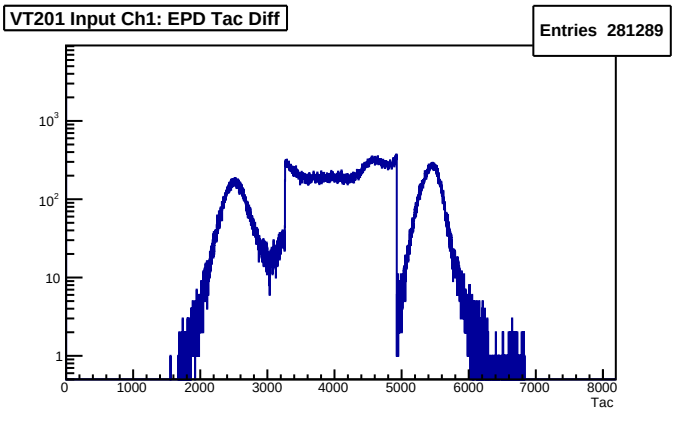

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

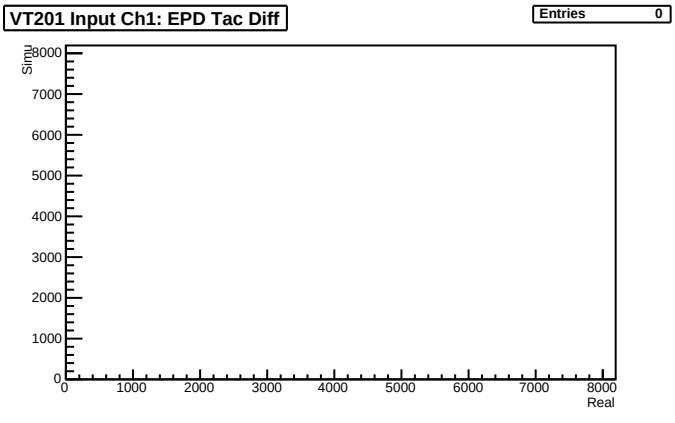

VT201 Input Ch0: BBC Small Tac Diff
Entries 281289
Tac

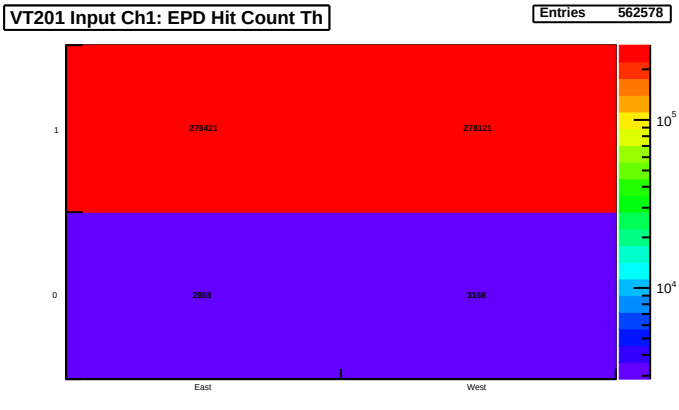

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

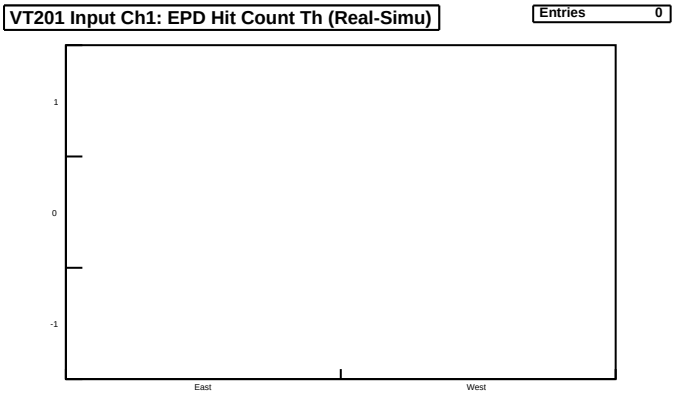

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 562578
190214
219536
91075
61753
East
West

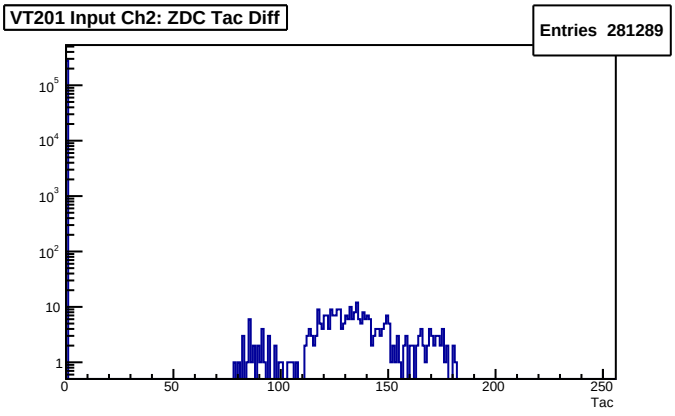

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

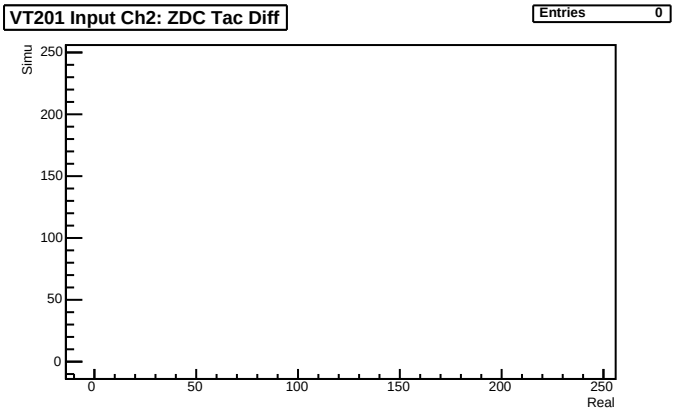

VT201 Input Ch1: EPD Tac Diff
Entries 281289
Tac

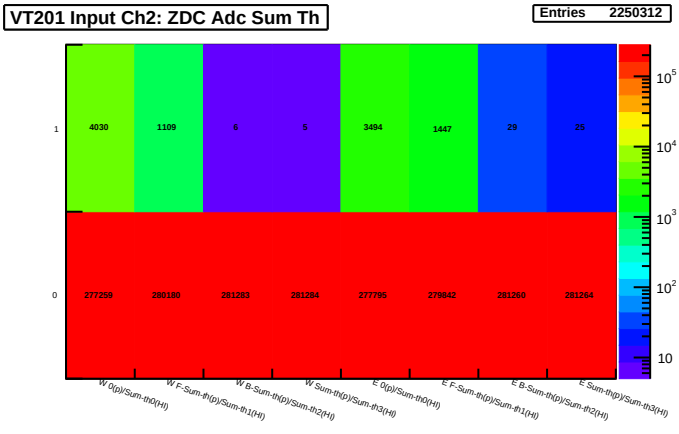

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

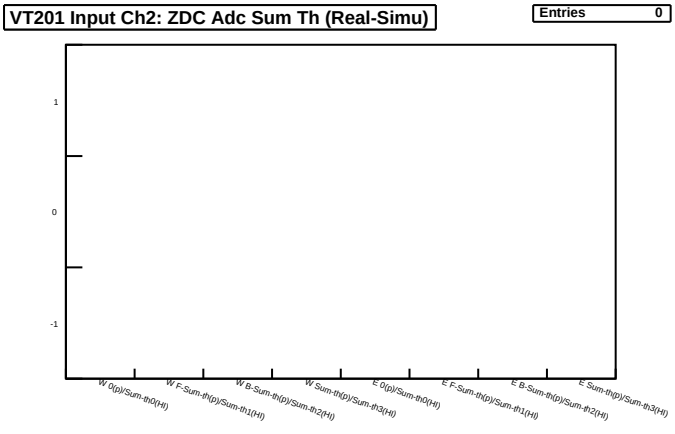

VT201 Input Ch1: EPD Hit Count Th
Entries 562578
278421
278121
2868
3168
East
West

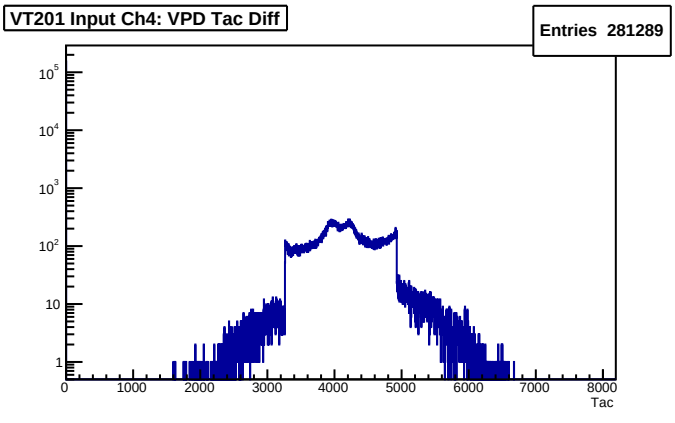

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

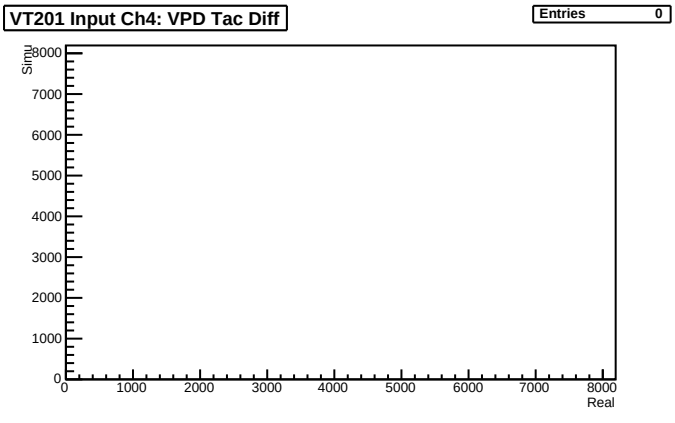

VT201 Input Ch2: ZDC Tac Diff
Entries 281289
Tac

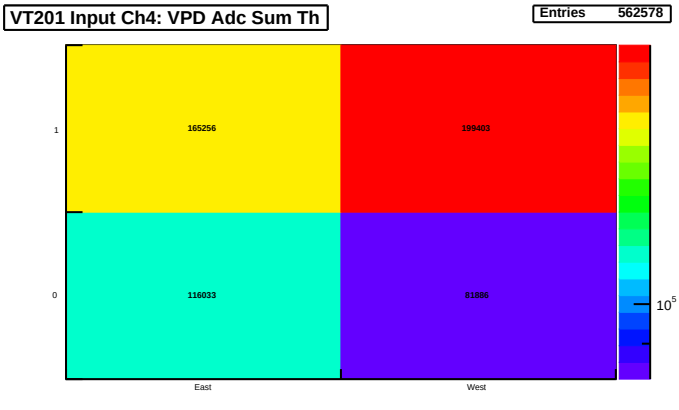

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

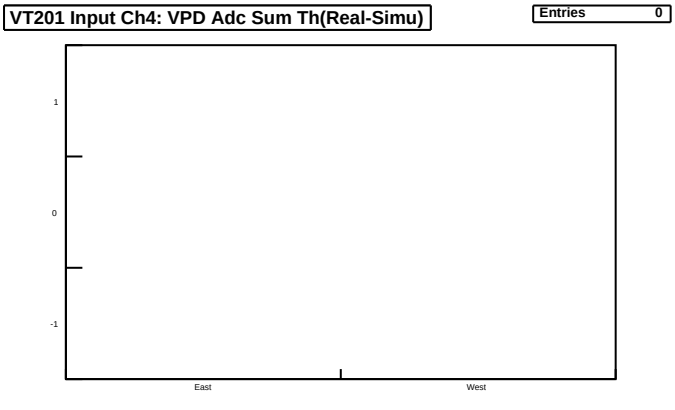

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2250312
4030
1109
6
5
3494
1447
29
25
277259
280180
281283
281284
277795
279842
281260
281264
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

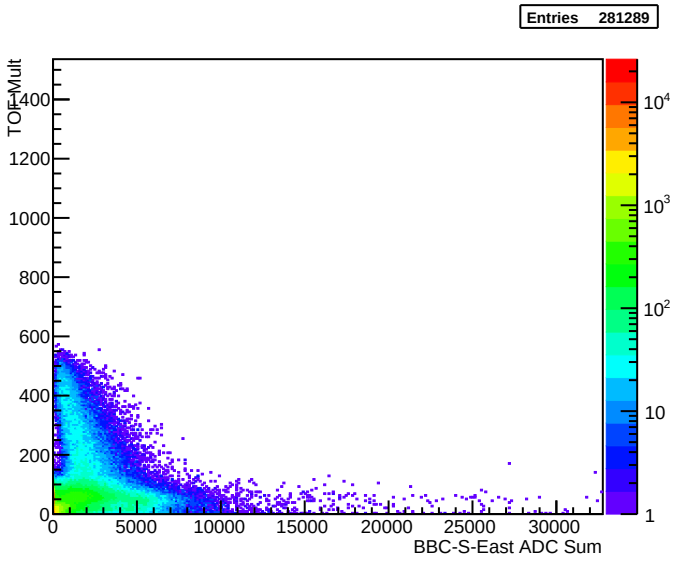

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

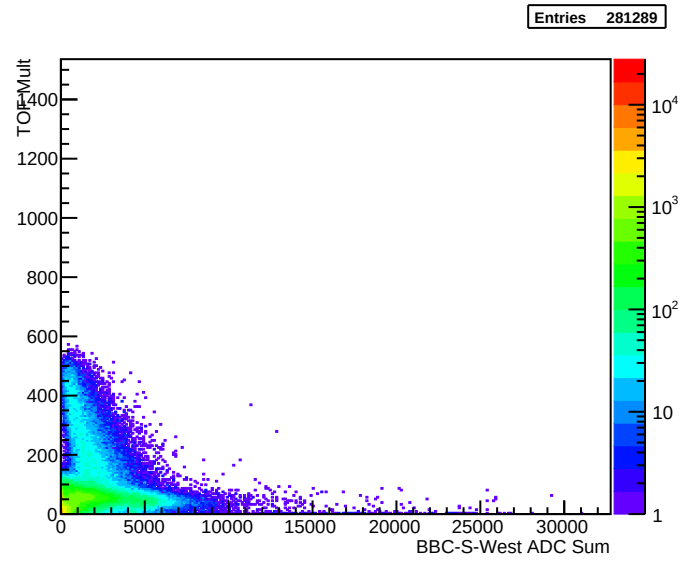

VT201 Input Ch4: VPD Tac Diff
Entries 281289
Tac

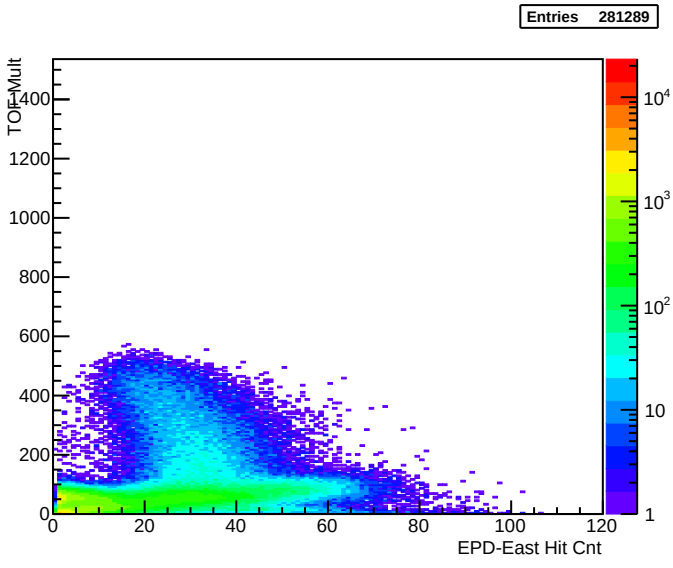

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

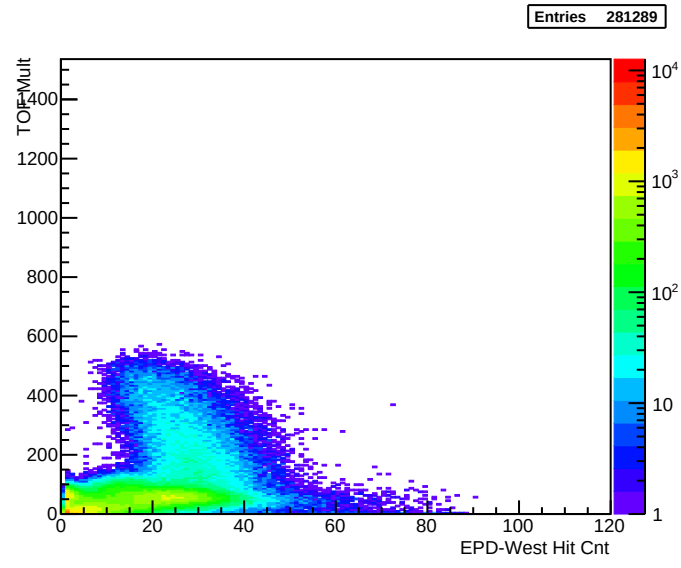

VT201 Input Ch4: VPD Adc Sum Th
Entries 562578
165256
199403
116033
81886
East
West

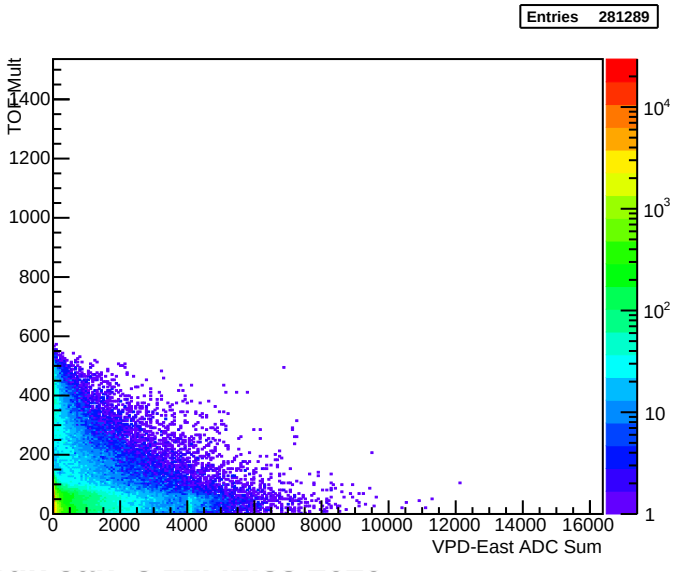

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

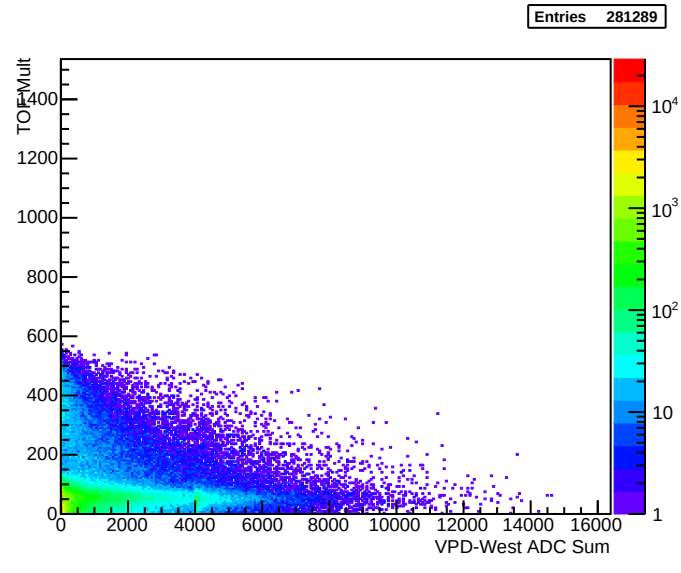

Entries 281289
TOF-Mult
BBC-S-East ADC Sum

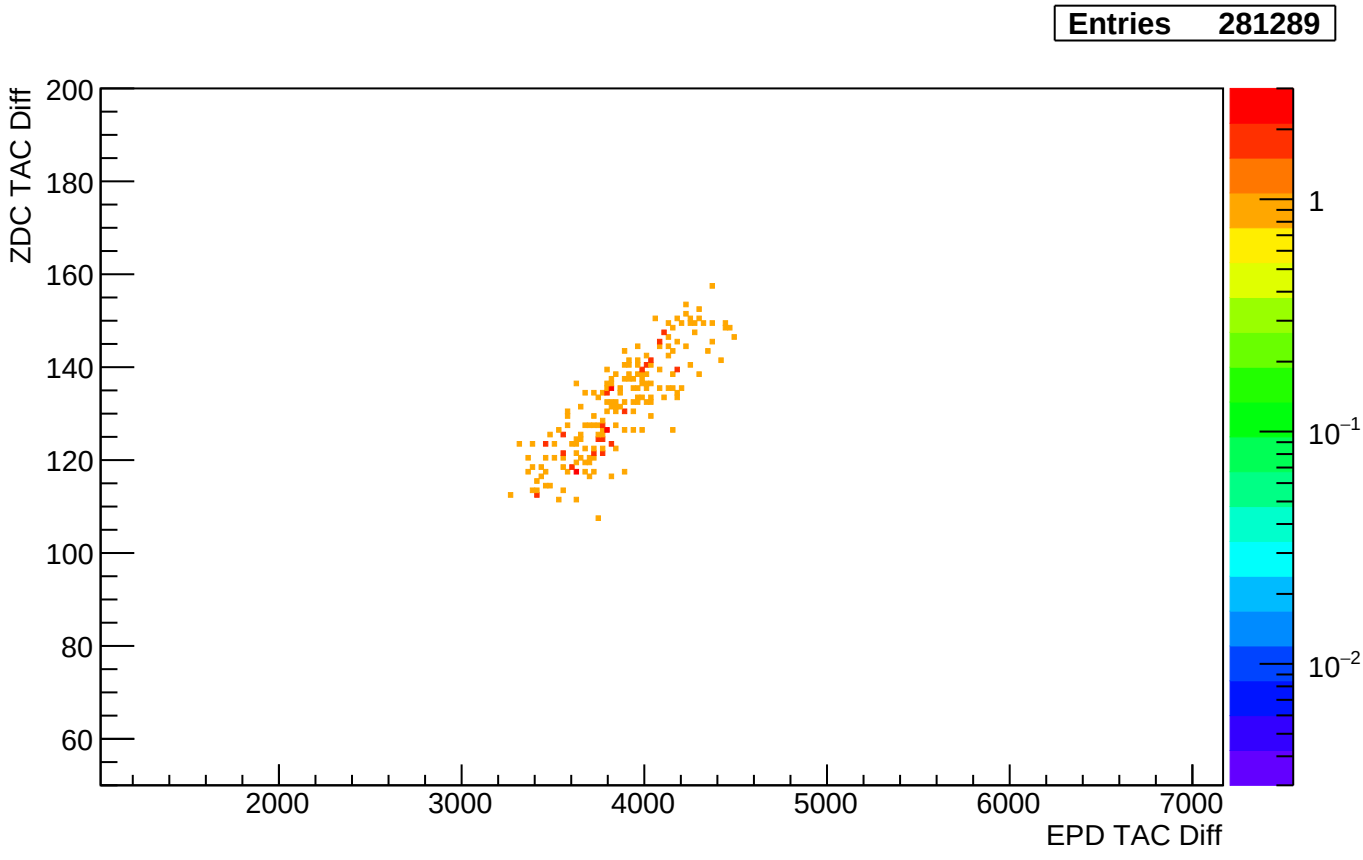

Entries 281289
TOF-Mult
BBC-S-West ADC Sum

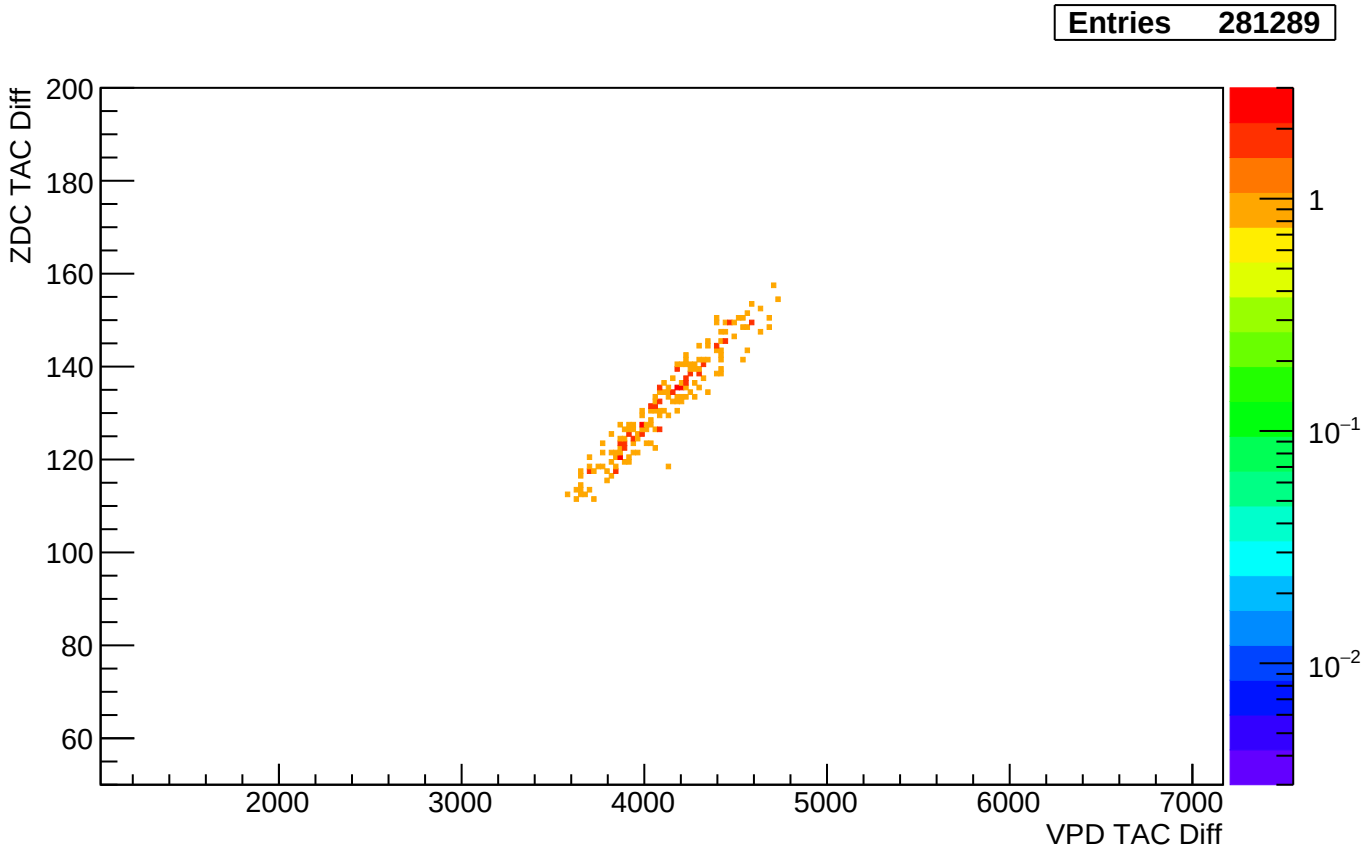

Entries 281289
TOF-Mult
EPD-East Hit Cnt

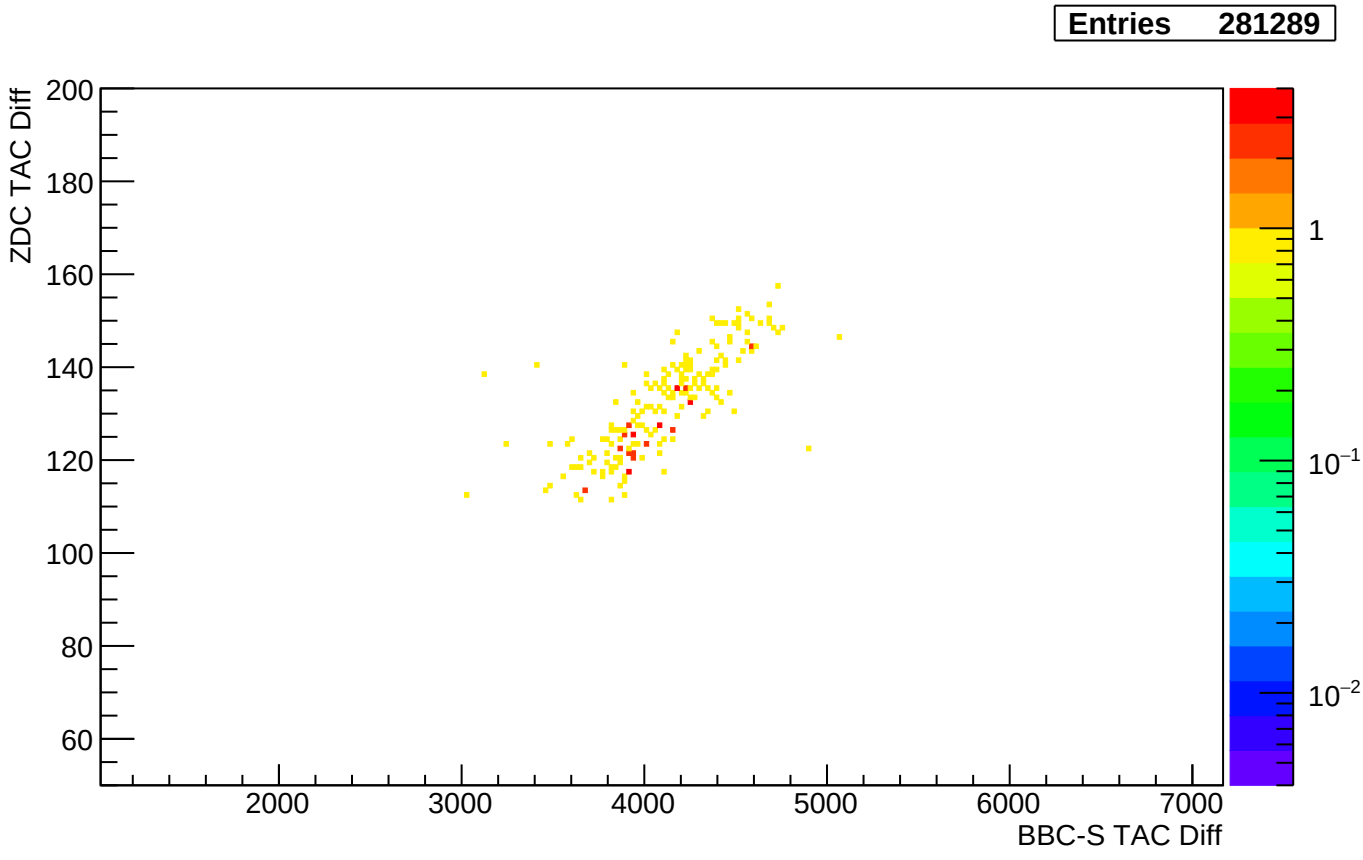

Entries 281289
TOF-Mult
EPD-West Hit Cnt

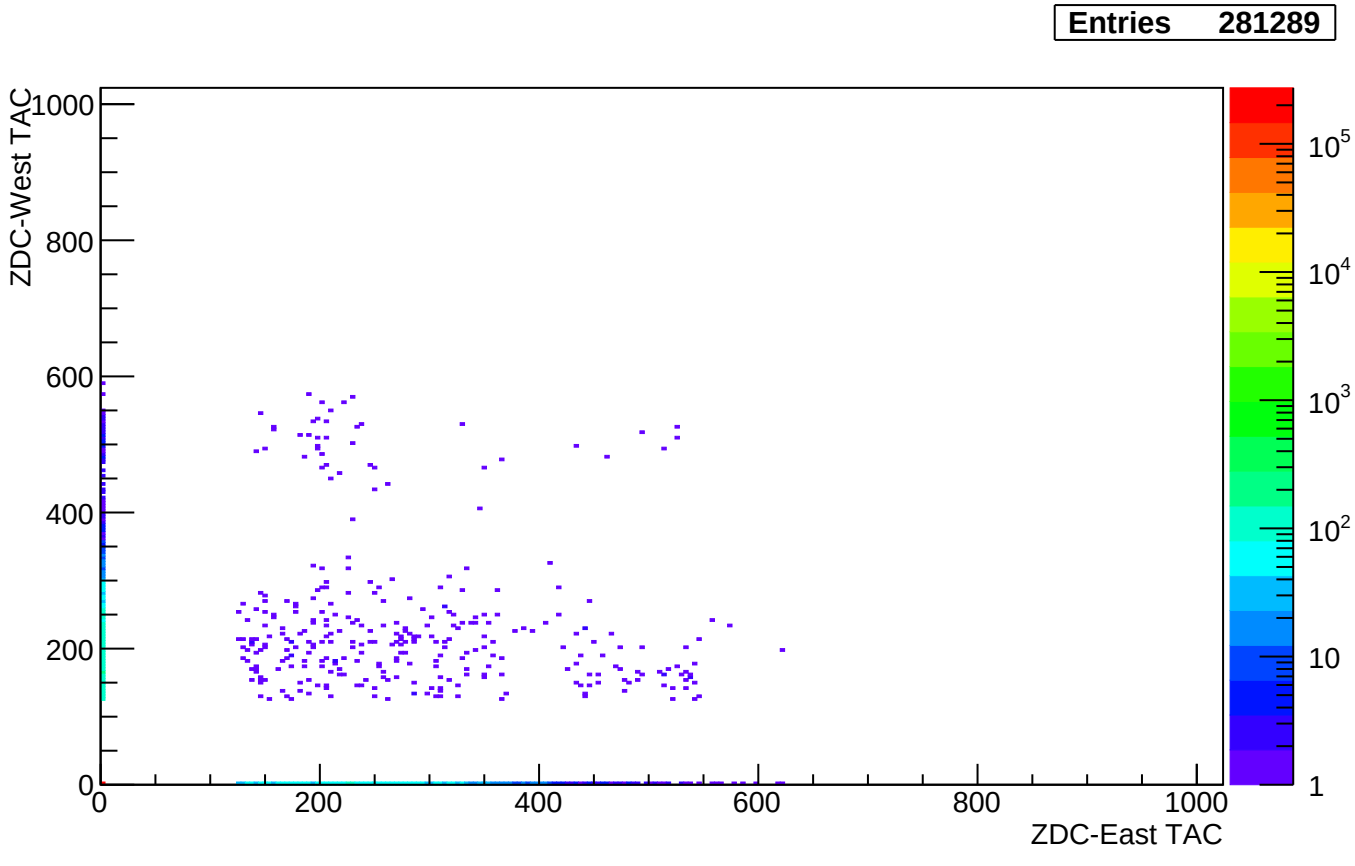

Entries 281289
TOF-Mult
VPD-East ADC Sum

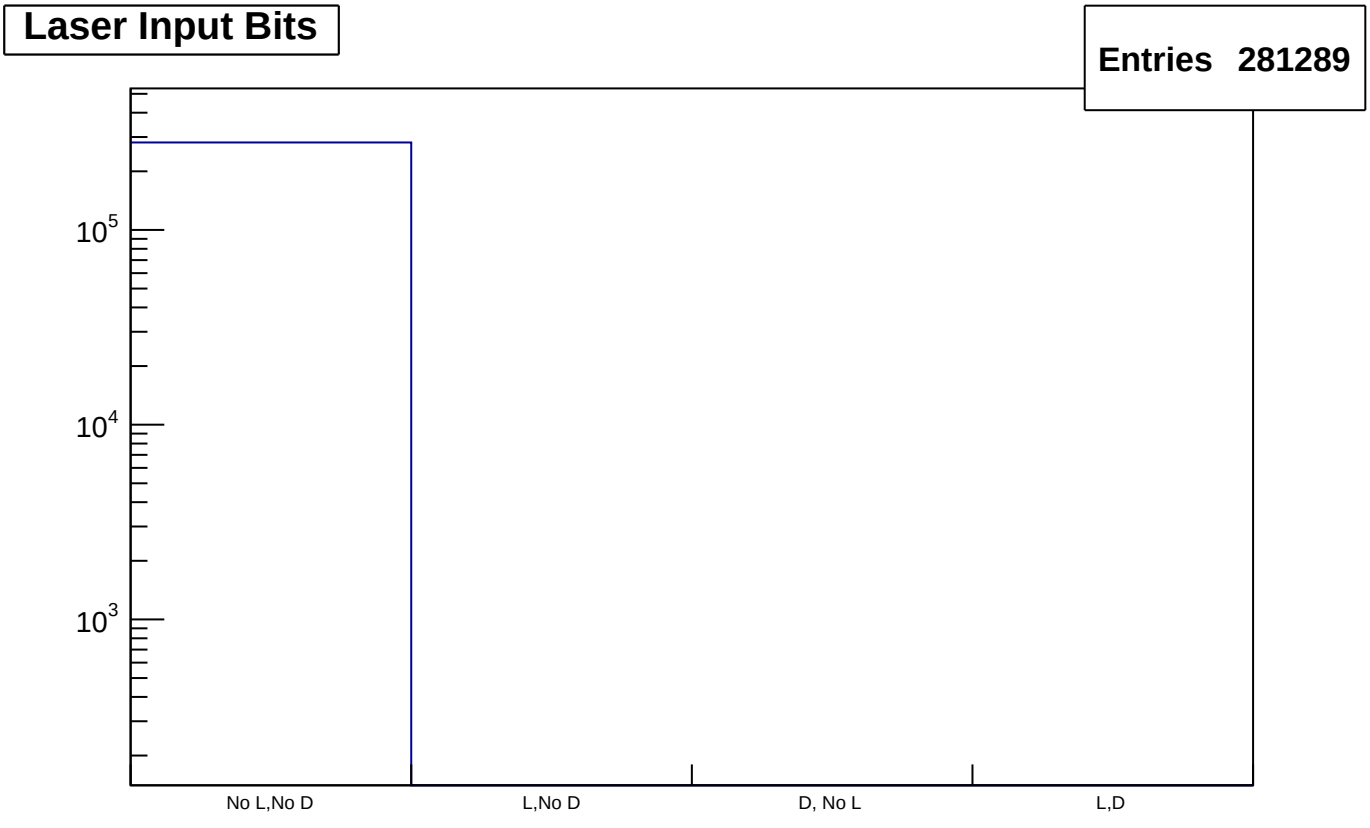

Entries 281289
TOF-Mult
VPD-West ADC Sum

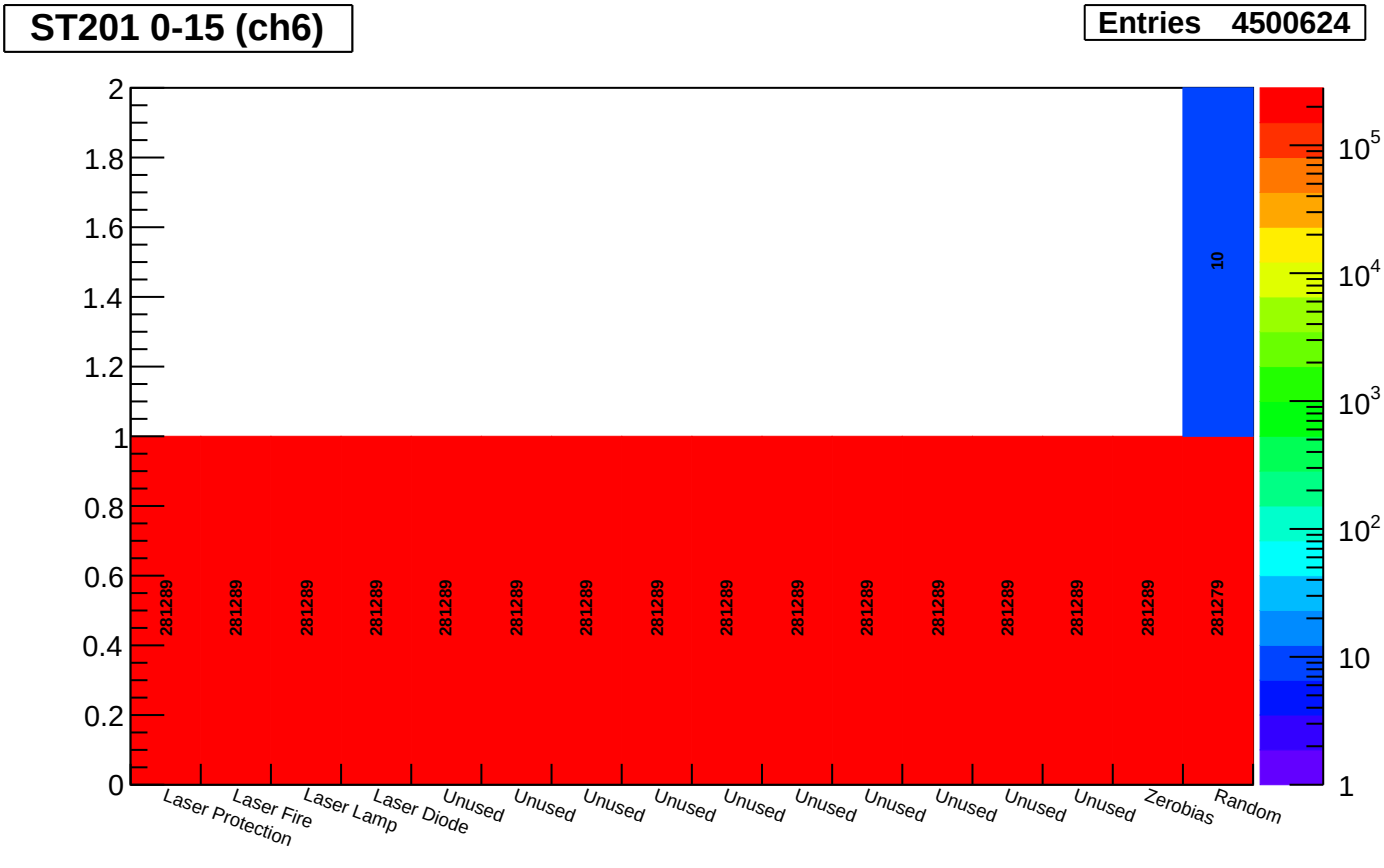

Entries 281289
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

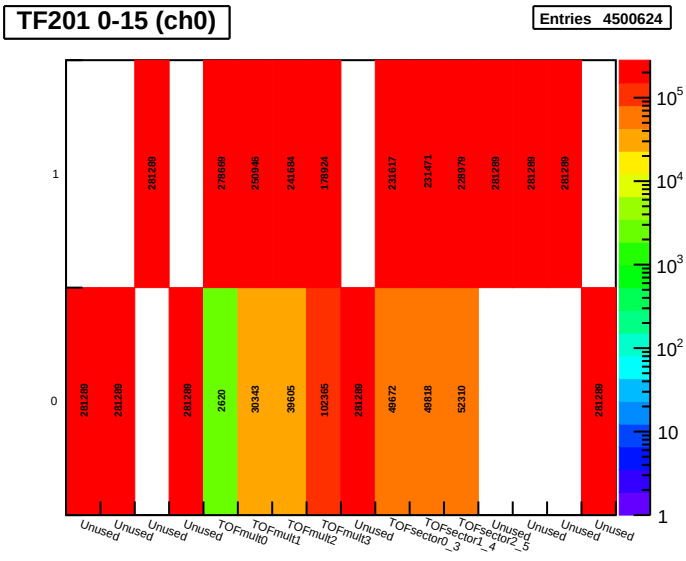

Entries 281289
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

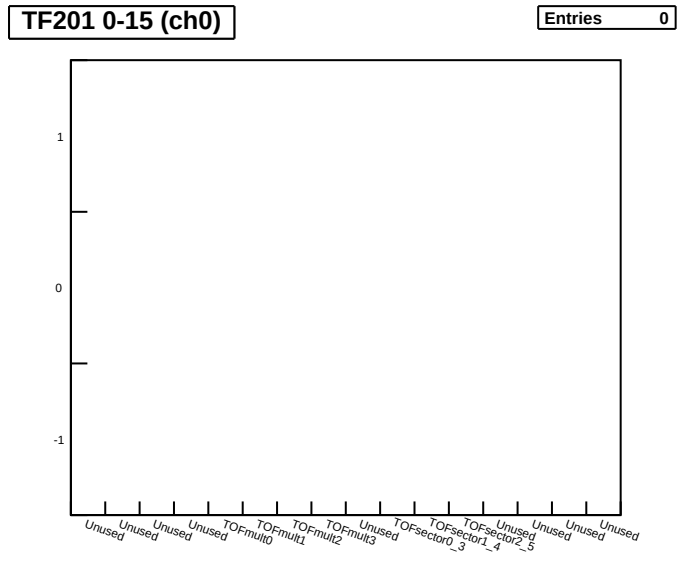

Entries 281289
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

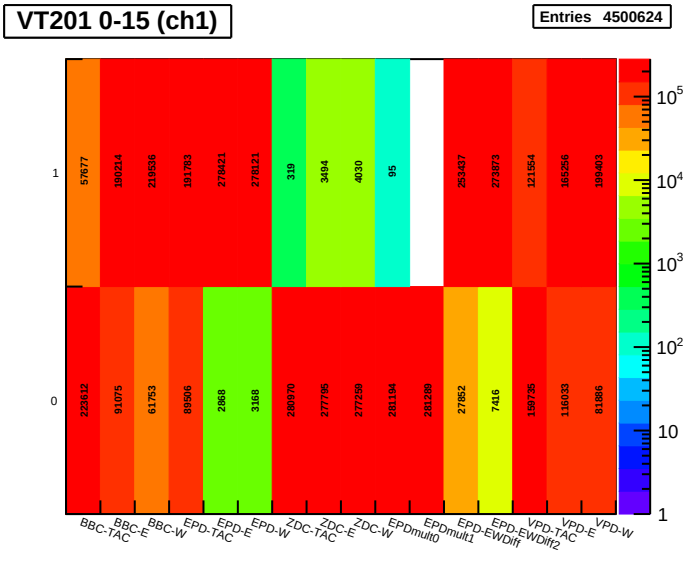

Entries 281289
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

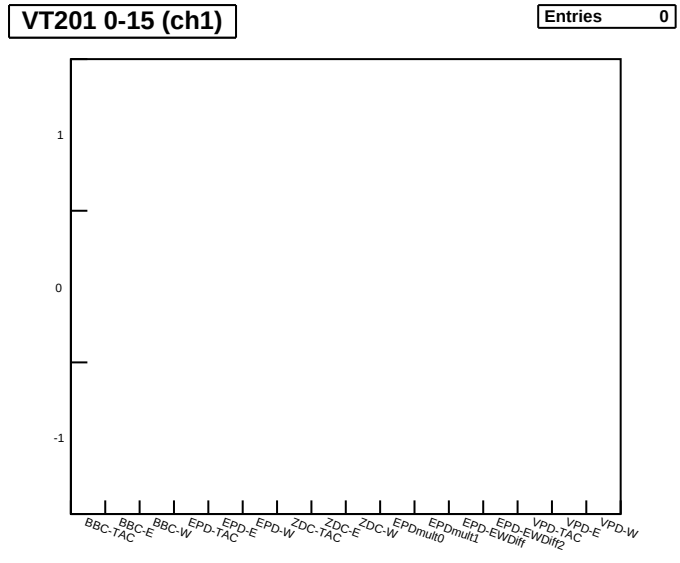

Laser Input Bits
Entries 281289
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

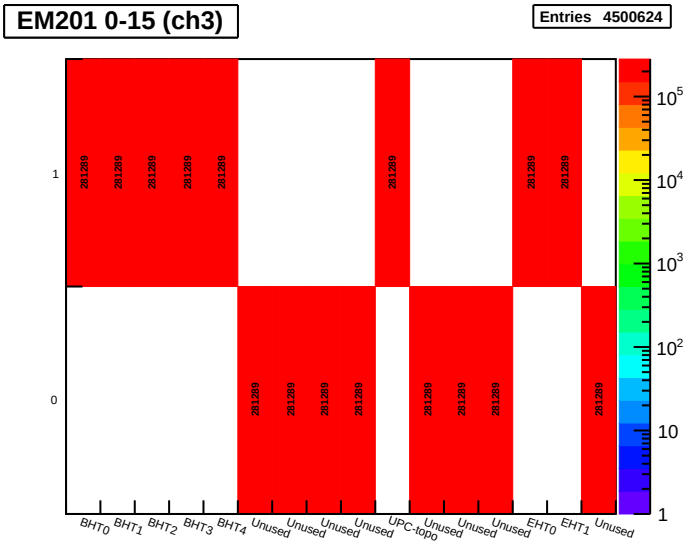

ST201 0-15 (ch6)
Entries 4500624
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
281289
281279
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

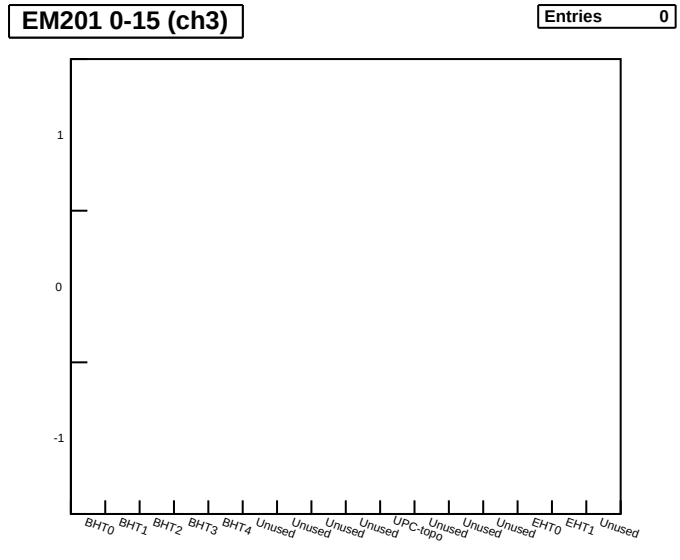

TF201 0-15 (ch0)
Entries 4500624
1
0
281289 281289 281289 281289 278669 250946 241684 178924 231617 231471 228979 281289 281289 281289
281289 281289 281289 2620 30343 39605 102365 281289 49672 49818 52310 281289
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 4500624
1
0
57677 190214 219536 191783 278421 278121 319 3494 4030 95 253437 273873 121554 165256 199403
223612 91075 61753 89506 2868 3168 280970 277795 277259 281194 281289 27852 7416 159735 116033 81886
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 4500624
1
0
281289 281289 281289 281289 281289 281289 281289 281289 281289
281289 281289 281289 281289 281289 281289 281289 281289
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