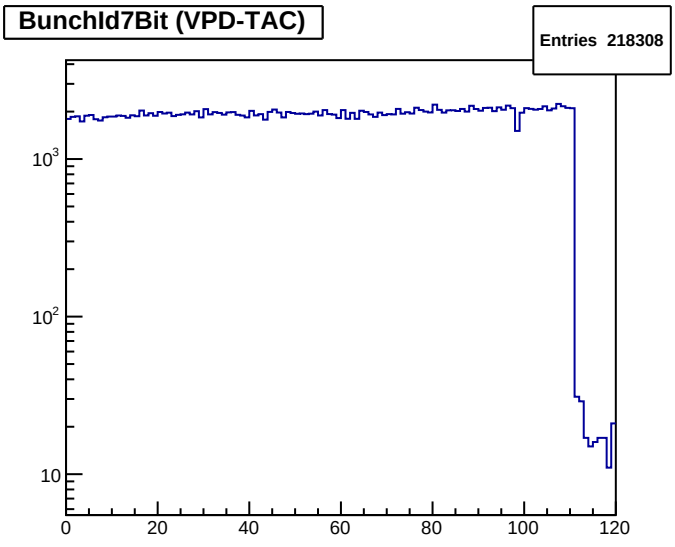
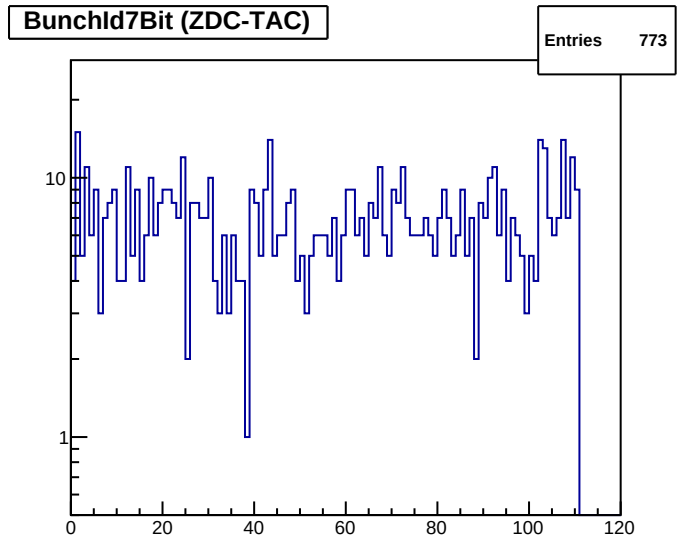
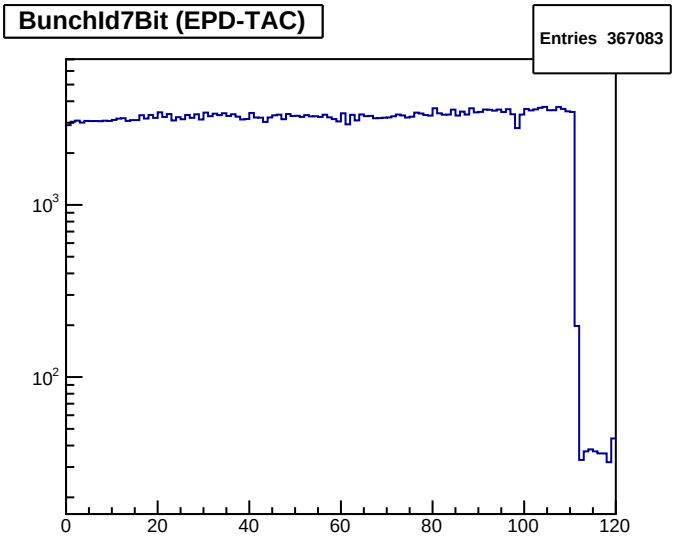
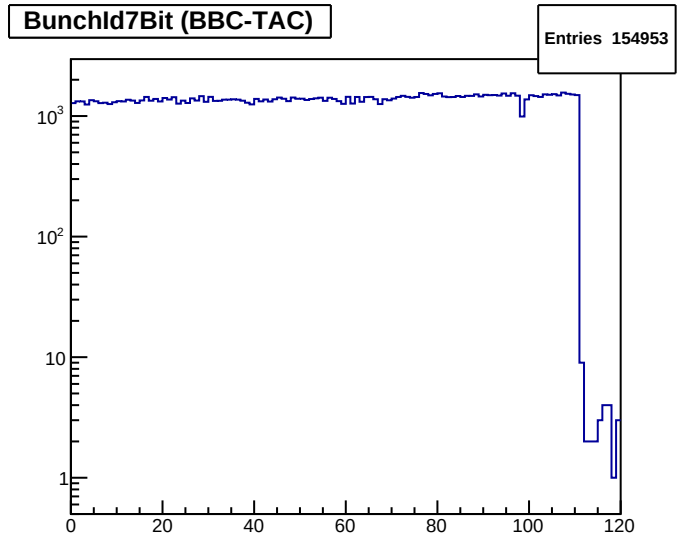
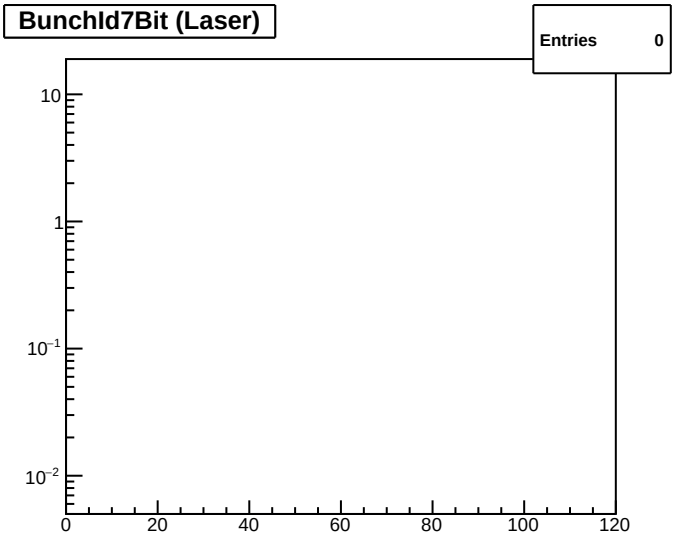
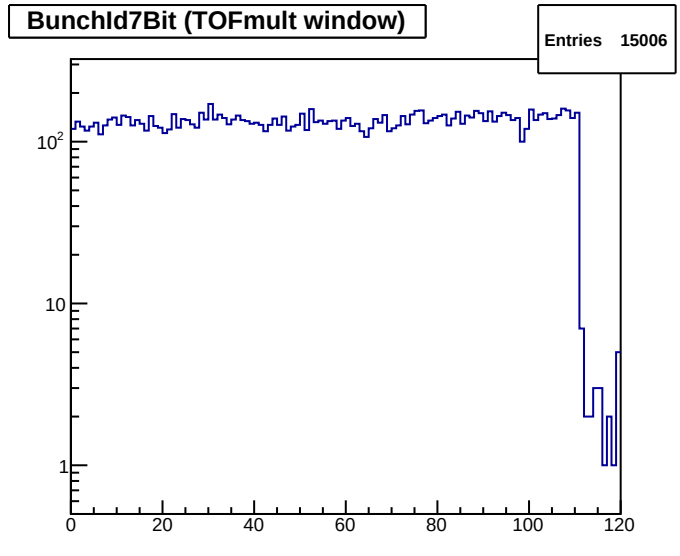

BunchId7Bit (VPD-TAC)
Entries 218308

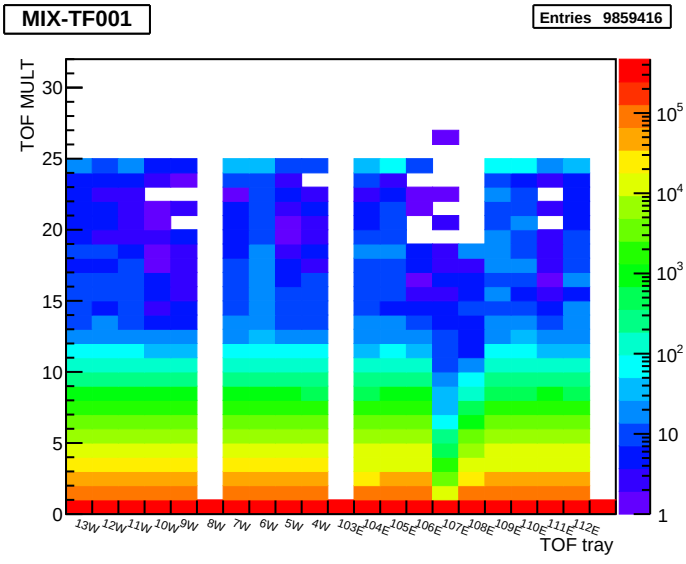

BunchId7Bit (ZDC-TAC)
Entries 773

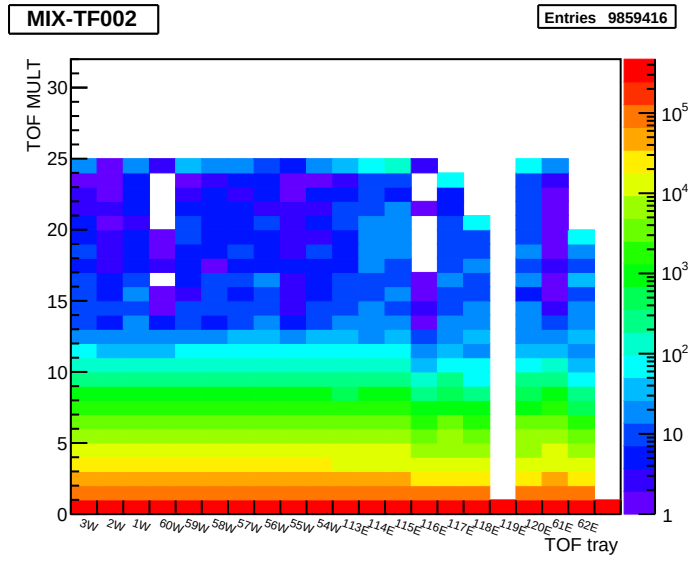

BunchId7Bit (EPD-TAC)
Entries 367083

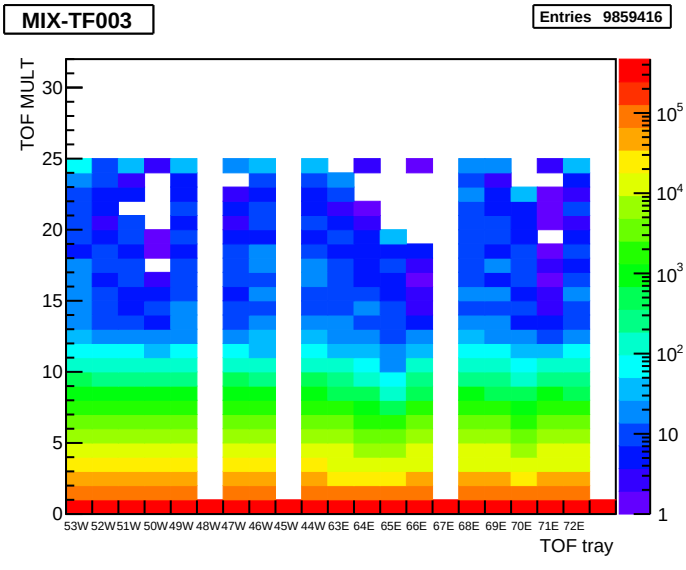

BunchId7Bit (BBC-TAC)
Entries 154953

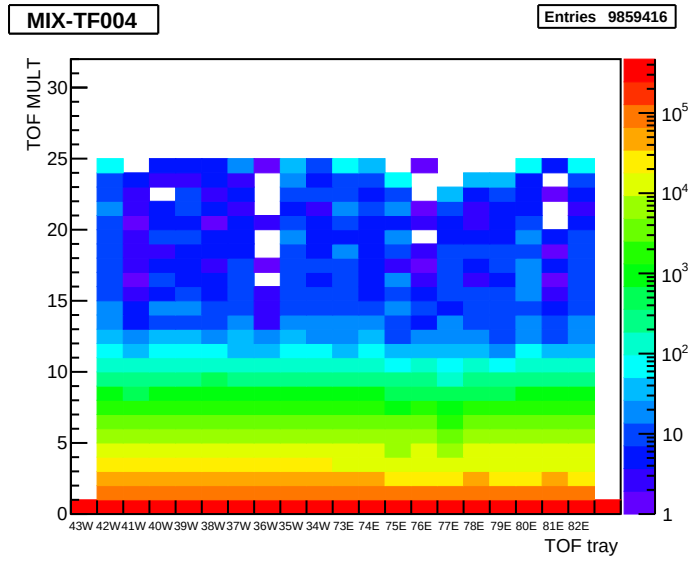

BunchId7Bit (Laser)
Entries 0

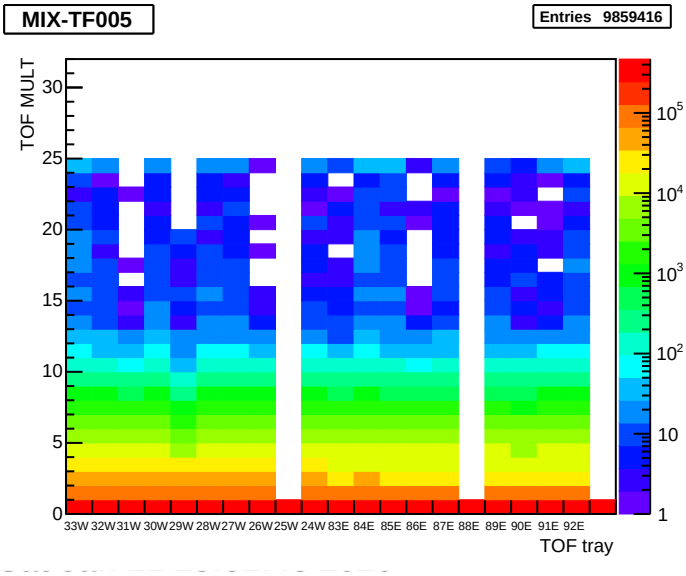

BunchId7Bit (TOFmult window)
Entries 15006

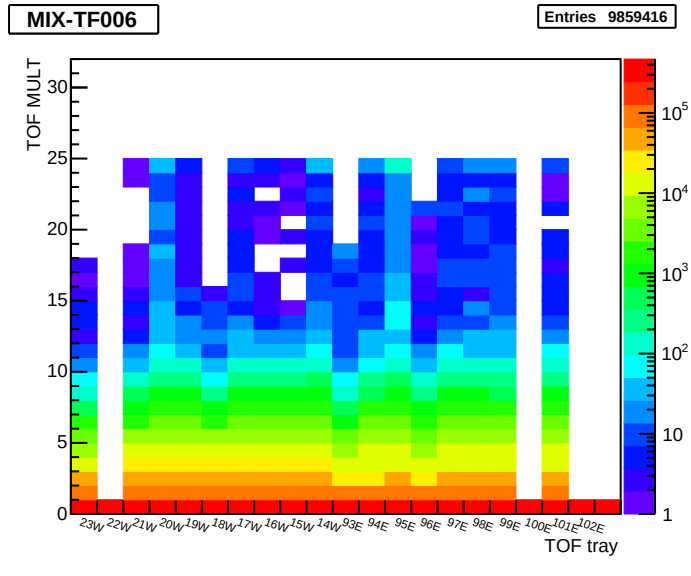

MIX-TF001
Entries 9859416
TOF MULT
TOF tray

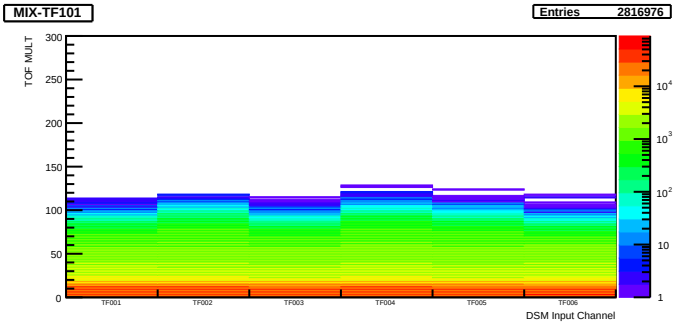

MIX-TF002
Entries 9859416
TOF MULT
TOF tray

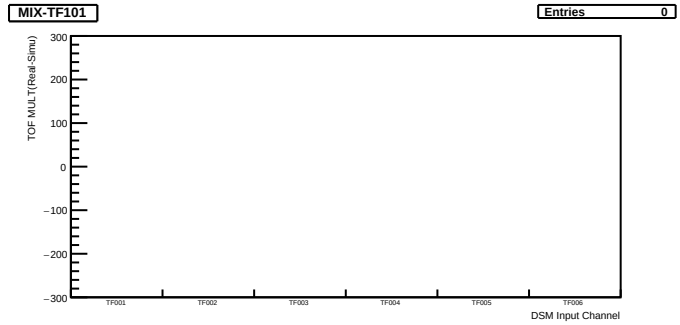

MIX-TF003
Entries 9859416
TOF MULT
TOF tray

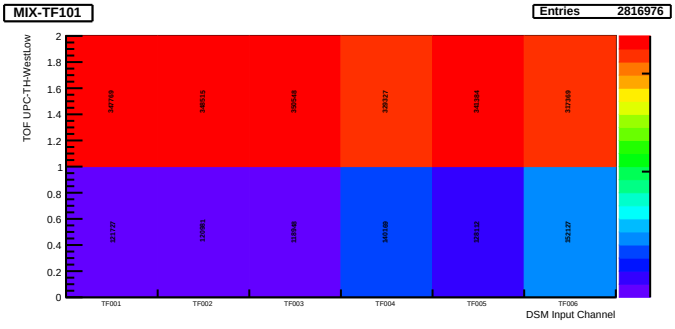

MIX-TF004
Entries 9859416
TOF MULT
TOF tray

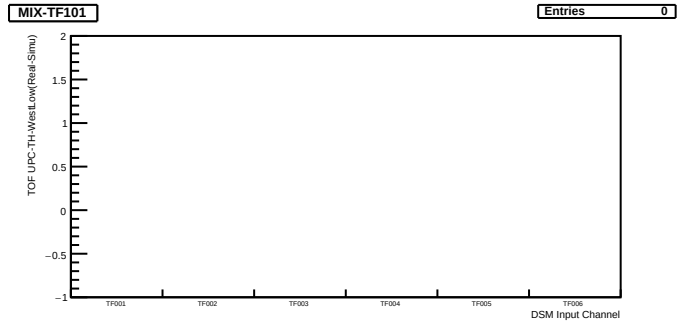

MIX-TF005
Entries 9859416
TOF MULT
TOF tray

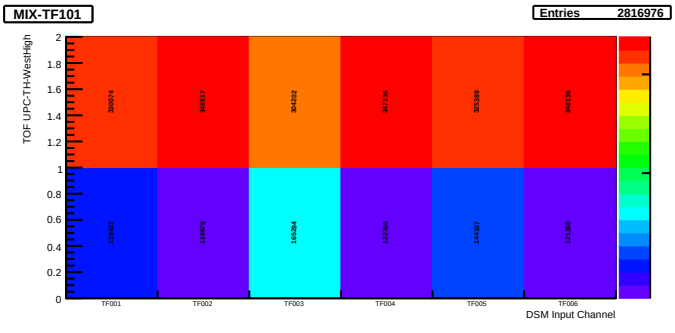

MIX-TF006
Entries 9859416
TOF MULT
TOF tray

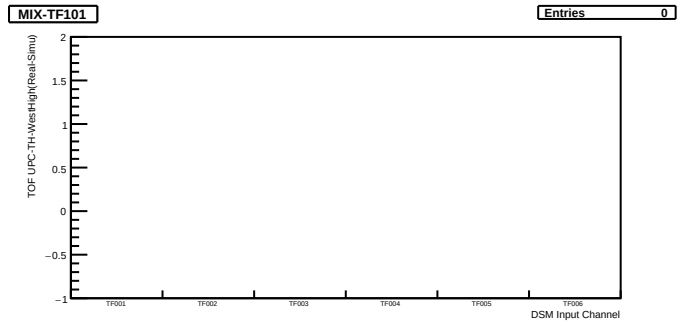

MIX-TF101
Entries 2816976
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

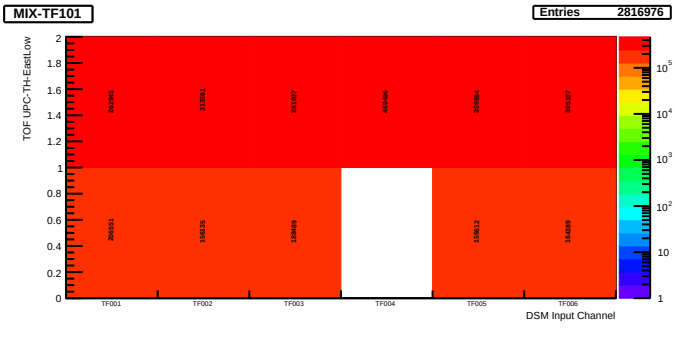

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

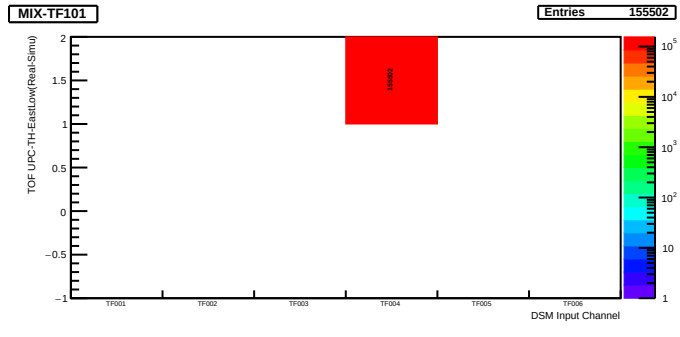

MIX-TF101
Entries 2816976
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

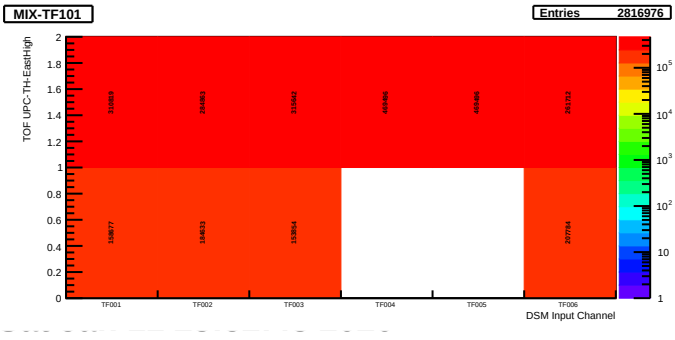

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

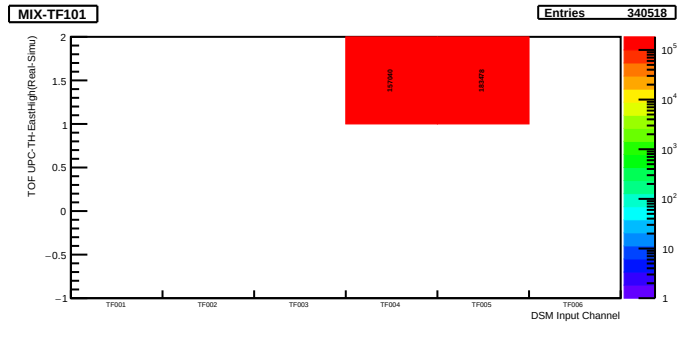

MIX-TF101
Entries 2816976
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

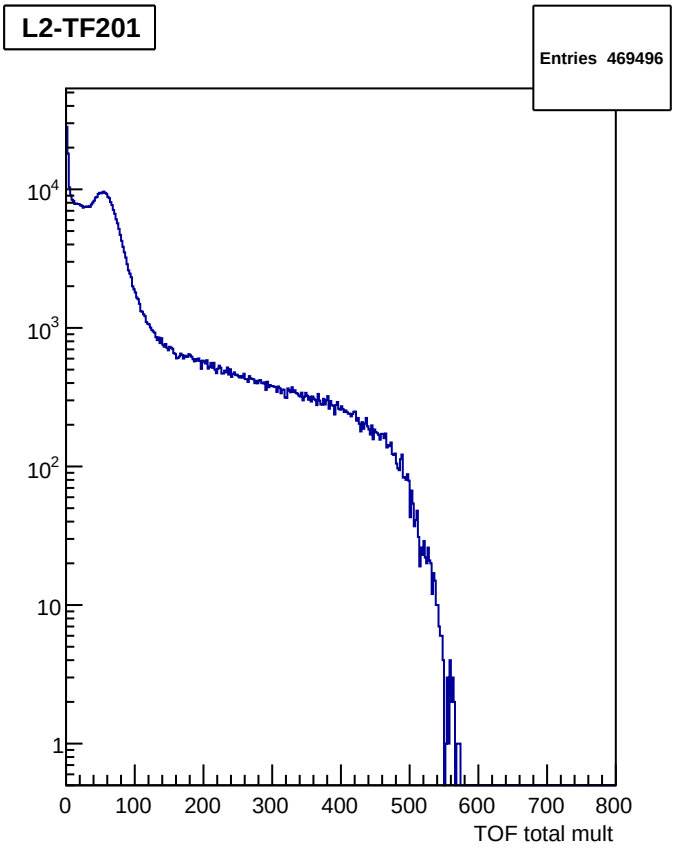

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

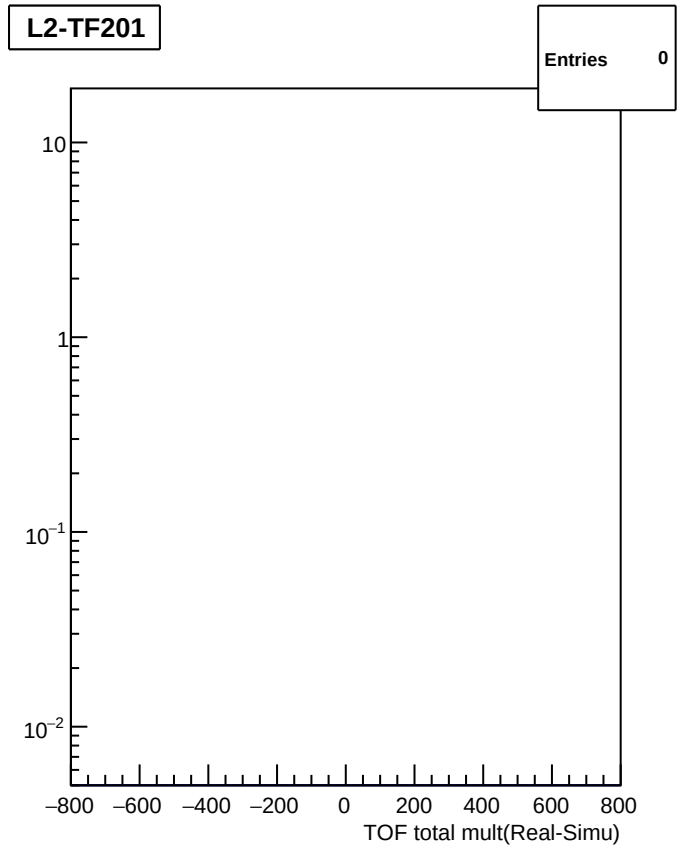

MIX-TF101
Entries 2816976
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

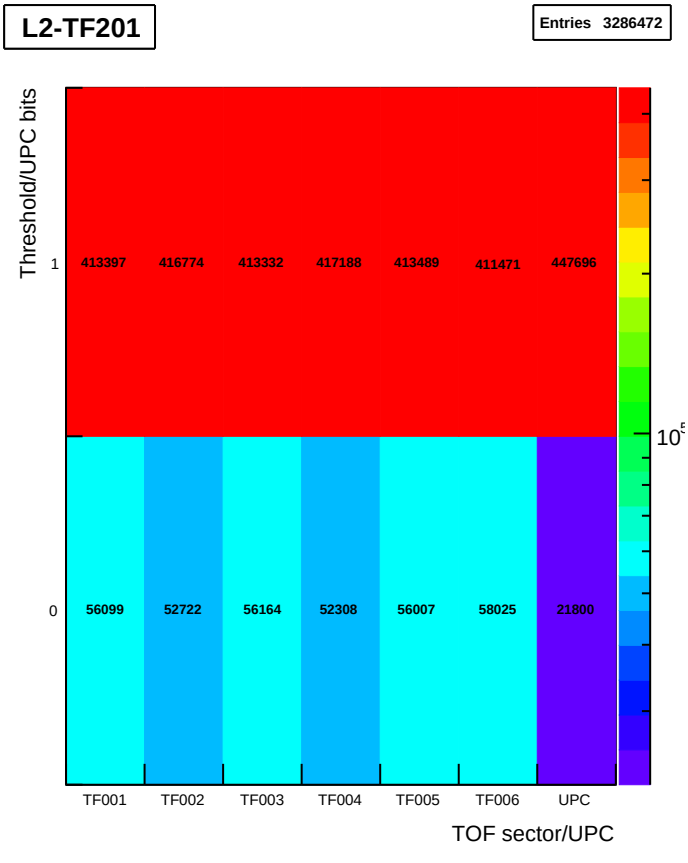

MIX-TF101
Entries 155502
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

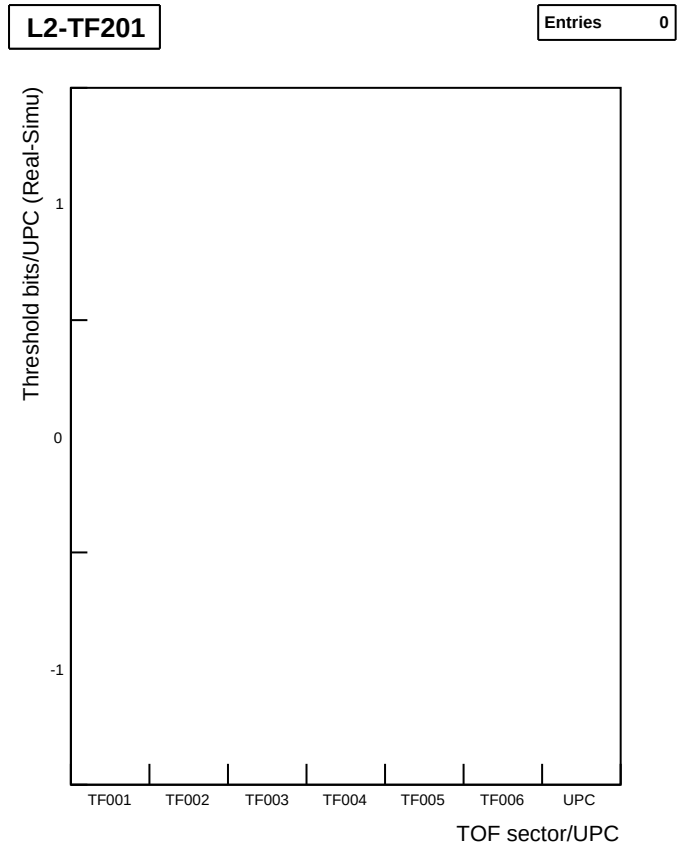

MIX-TF101
Entries 2816976
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

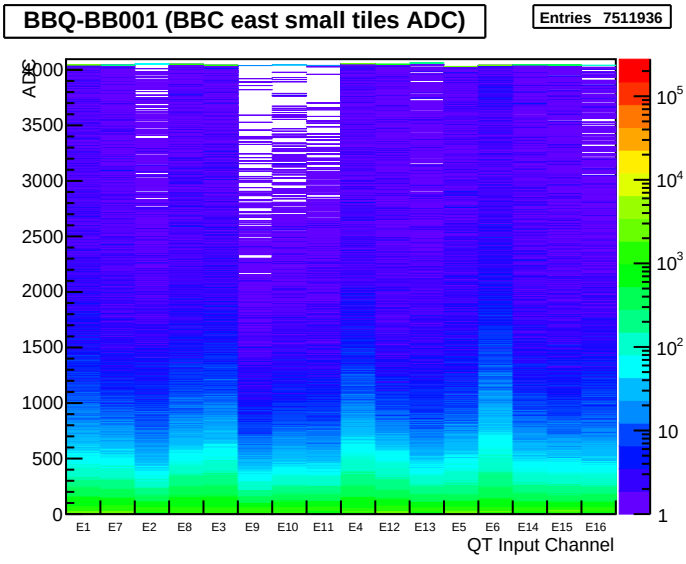

MIX-TF101
Entries 340518
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

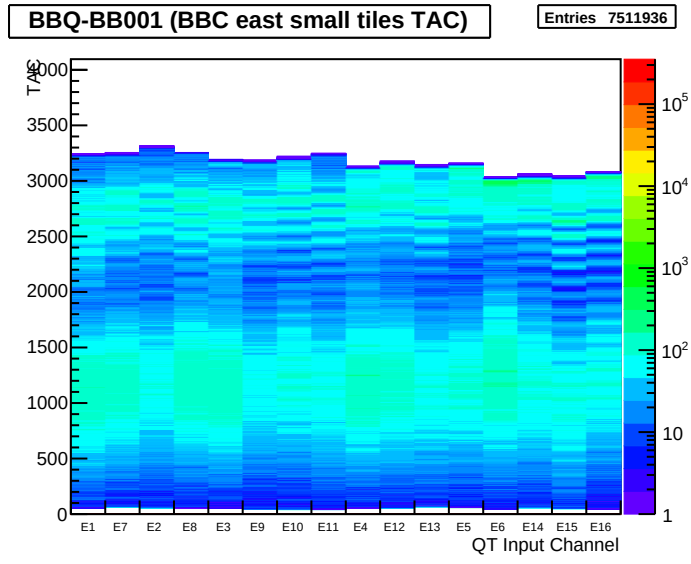

L2-TF201
Entries 469496
TOF total mult

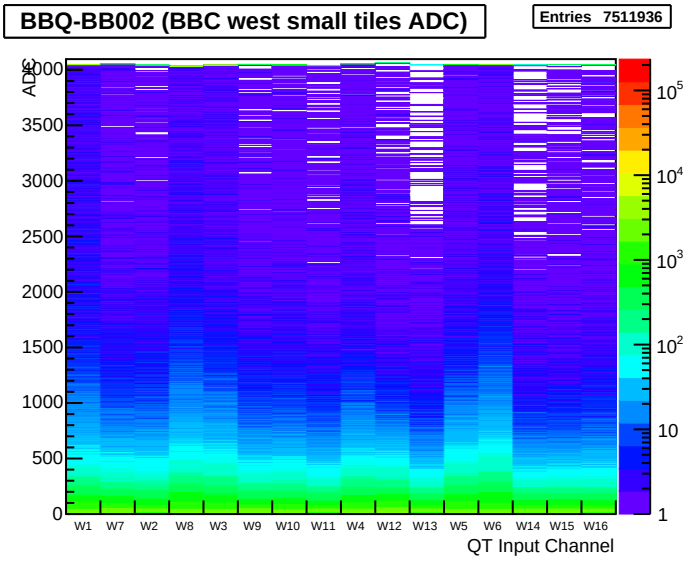

L2-TF201
Entries 0
TOF total mult(Real-Simu)

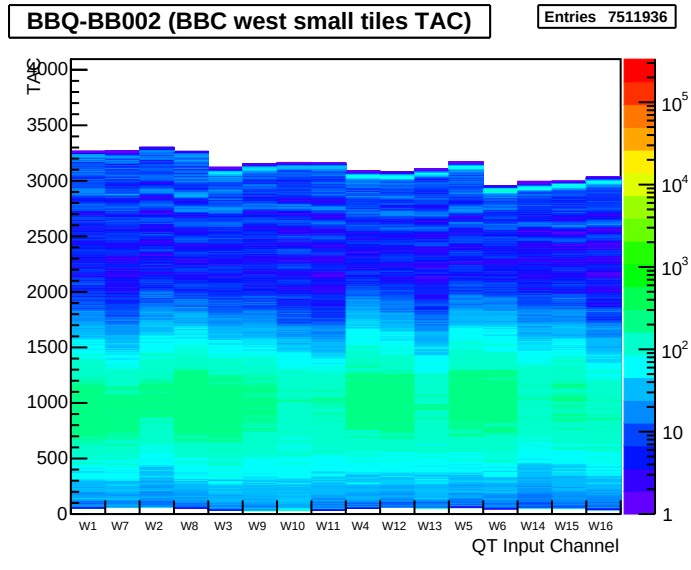

L2-TF201
Entries 3286472
Threshold/UPC bits
413397
416774
413332
417188
413489
411471
447696
56099
52722
56164
52308
56007
58025
21800
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

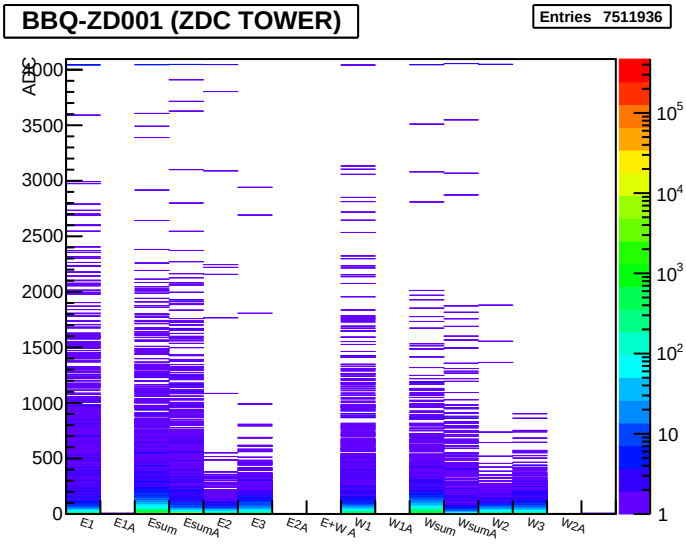

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

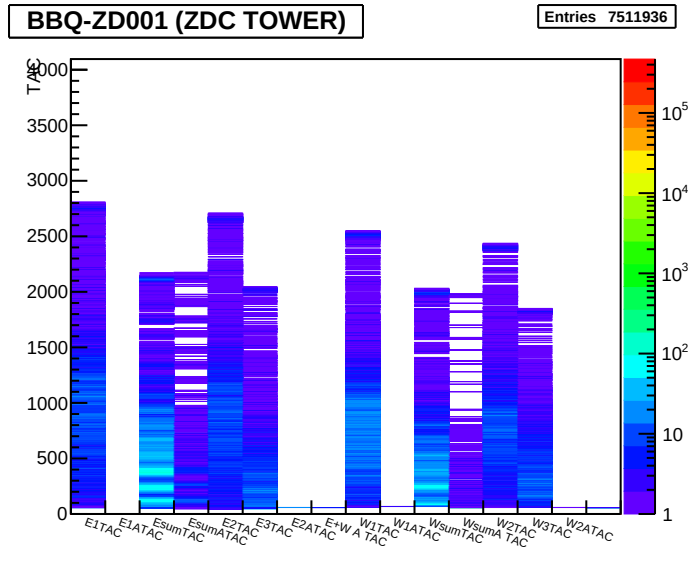

BBQ-BB001 (BBC east small tiles ADC)
Entries 7511936
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

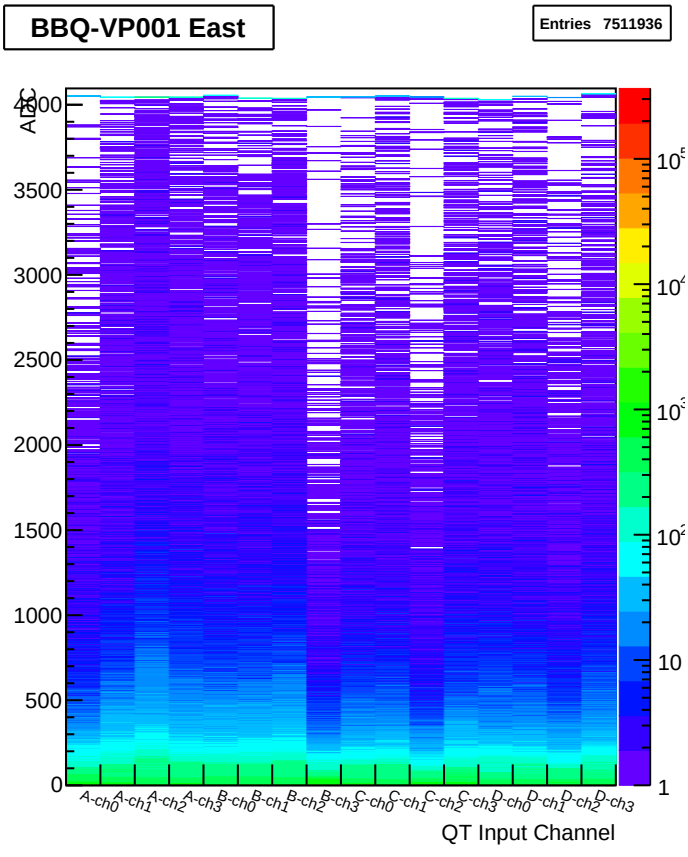

BBQ-BB001 (BBC east small tiles TAC)
Entries 7511936
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

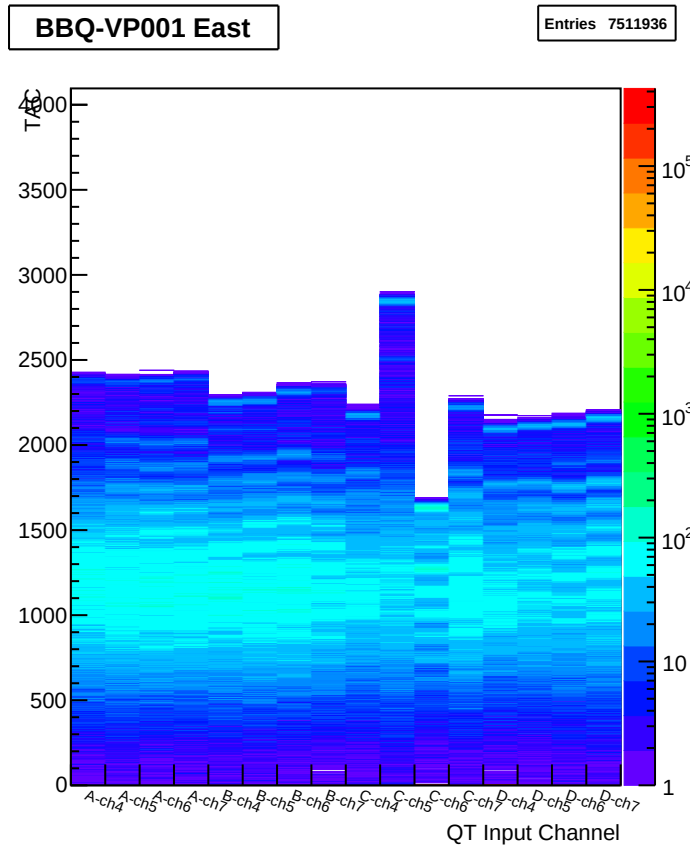

BBQ-BB002 (BBC west small tiles ADC)
Entries 7511936
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

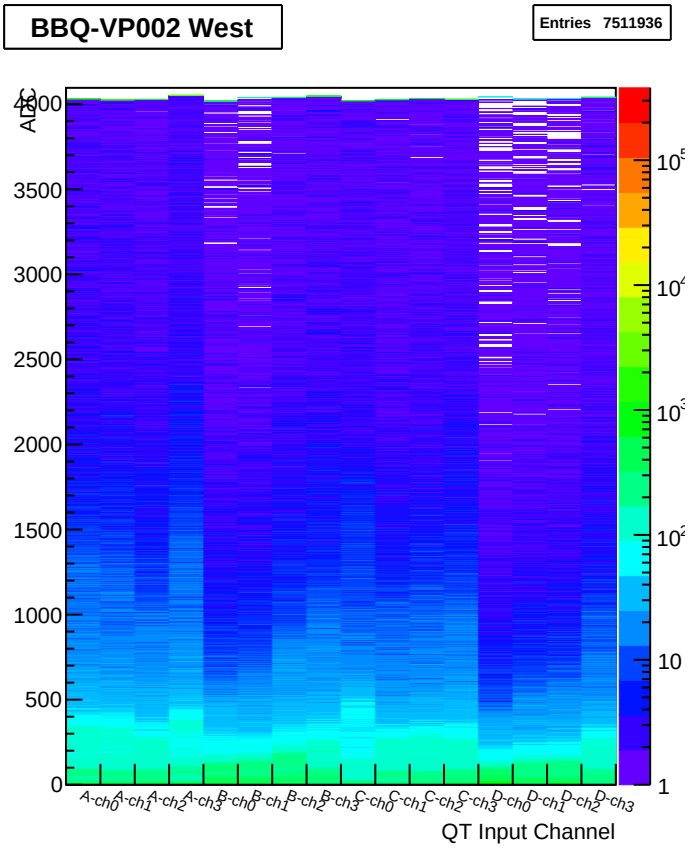

BBQ-BB002 (BBC west small tiles TAC)
Entries 7511936
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

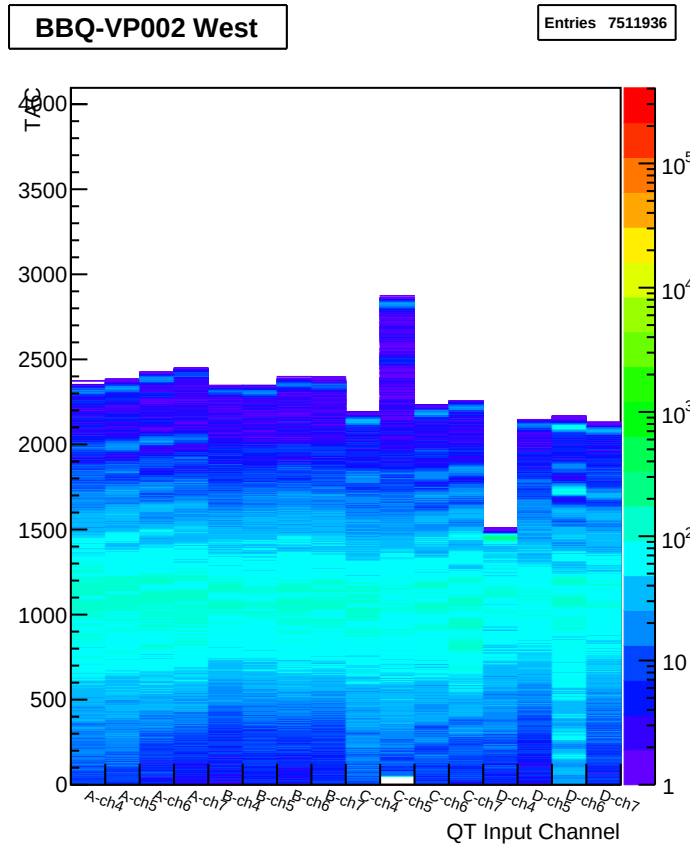

BBQ-ZD001 (ZDC TOWER)
Entries 7511936
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

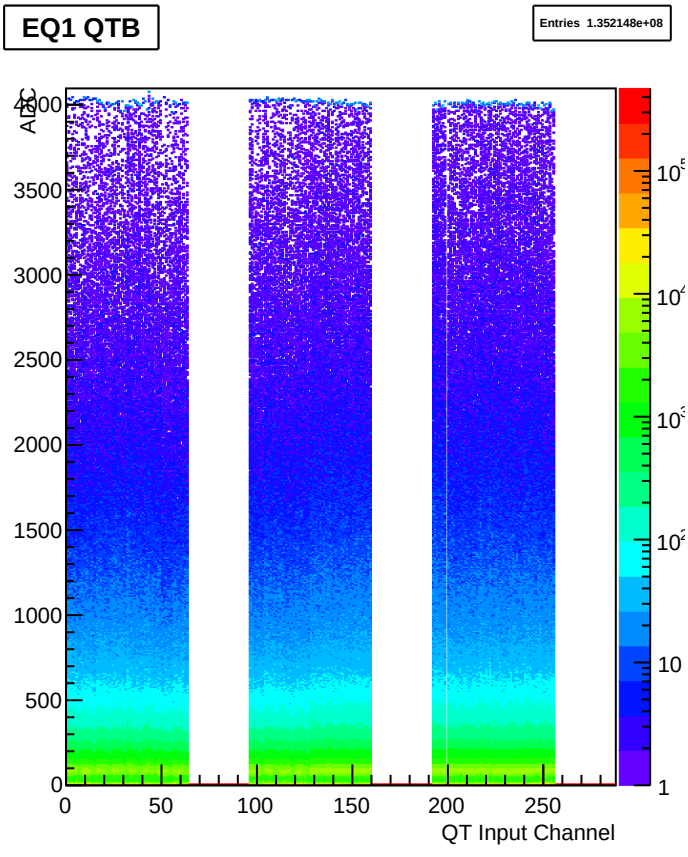

BBQ-ZD001 (ZDC TOWER)
Entries 7511936
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

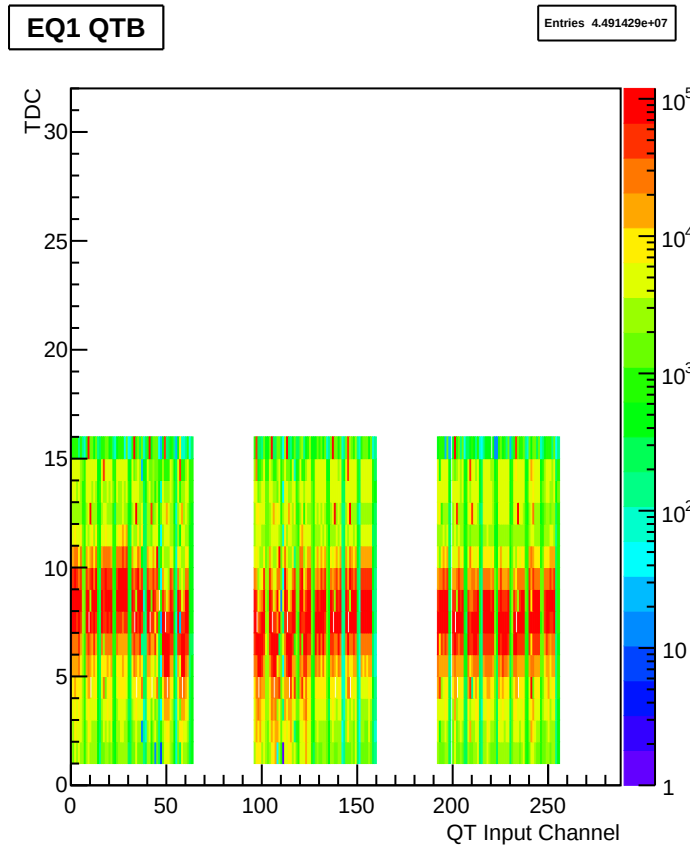

BBQ-VP001 East
Entries 7511936
ADC
QT Input Channel

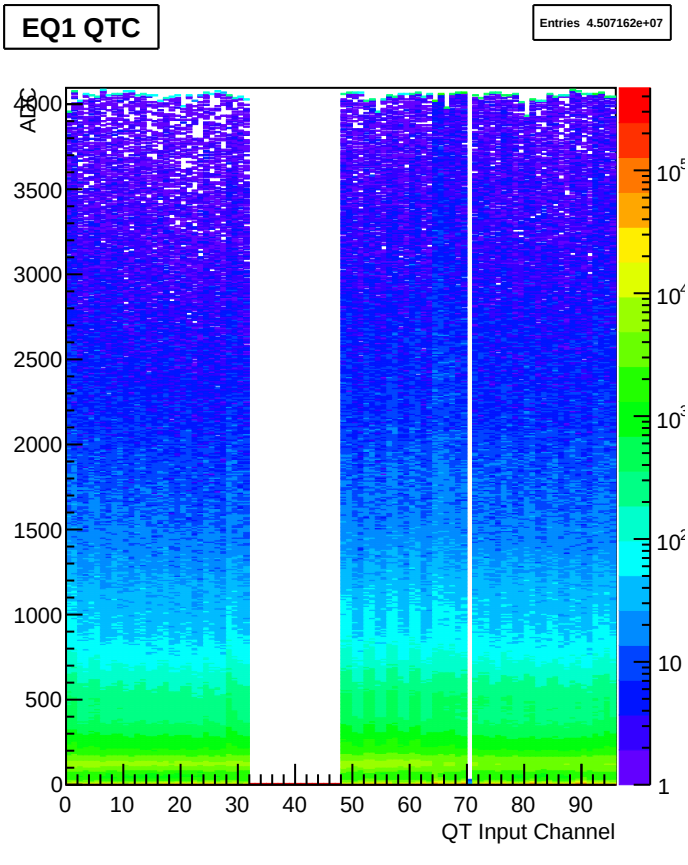

BBQ-VP001 East
Entries 7511936
ADC
QT Input Channel

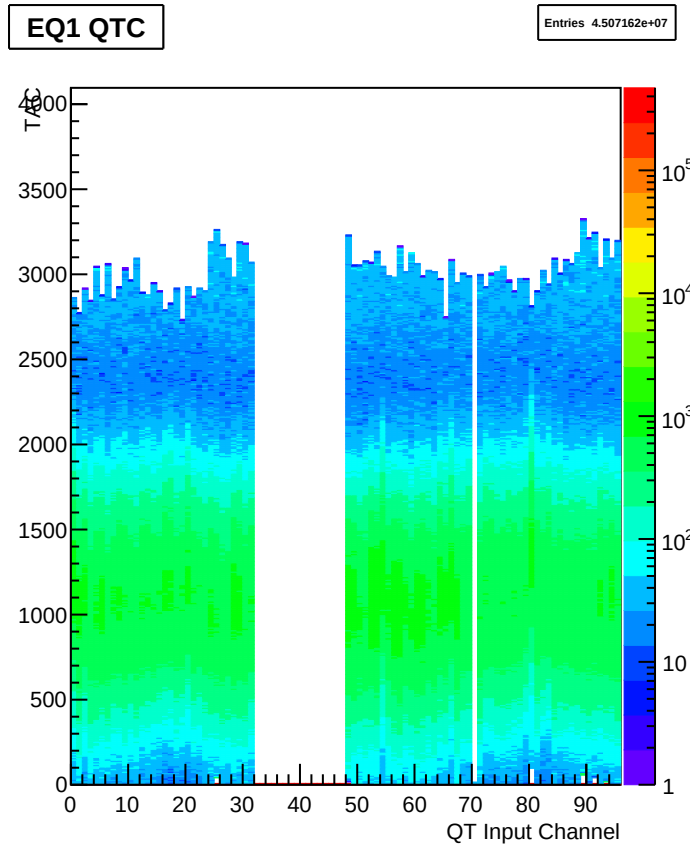

BBQ-VP002 West
Entries 7511936
ADC
QT Input Channel

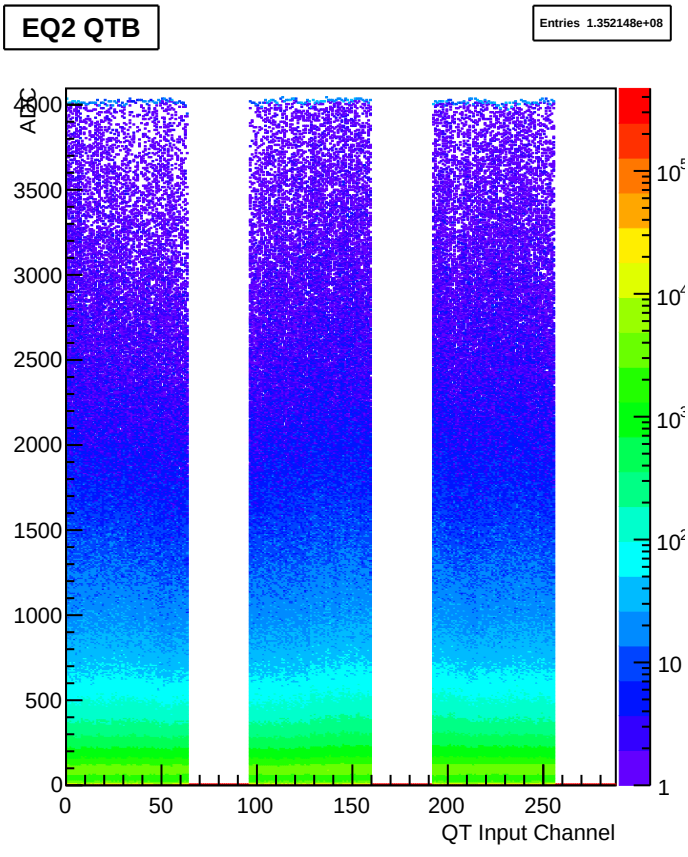

BBQ-VP002 West
Entries 7511936
ADC
QT Input Channel

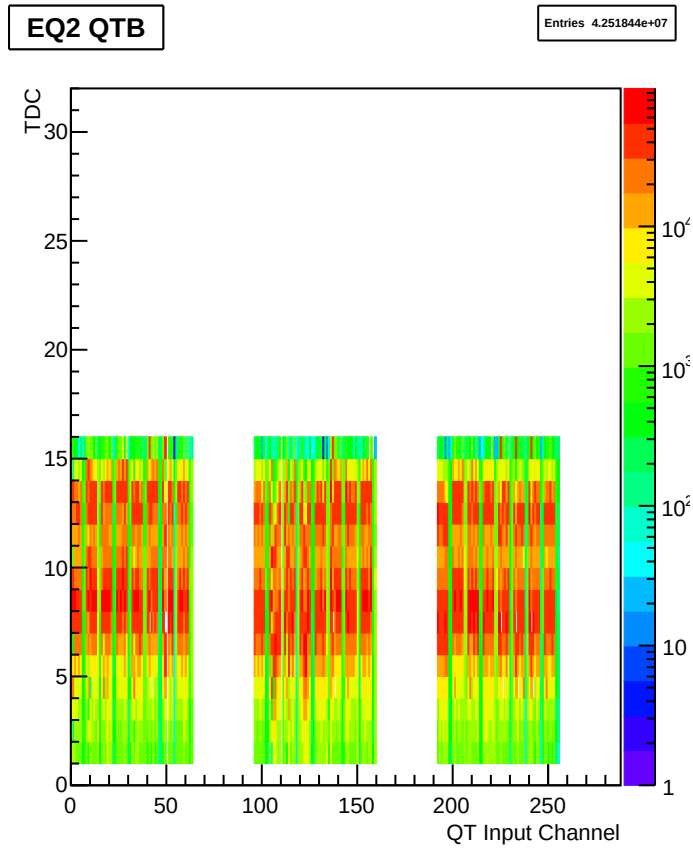

EQ1 QTB
Entries 1.352148e+08
ADC
QT Input Channel

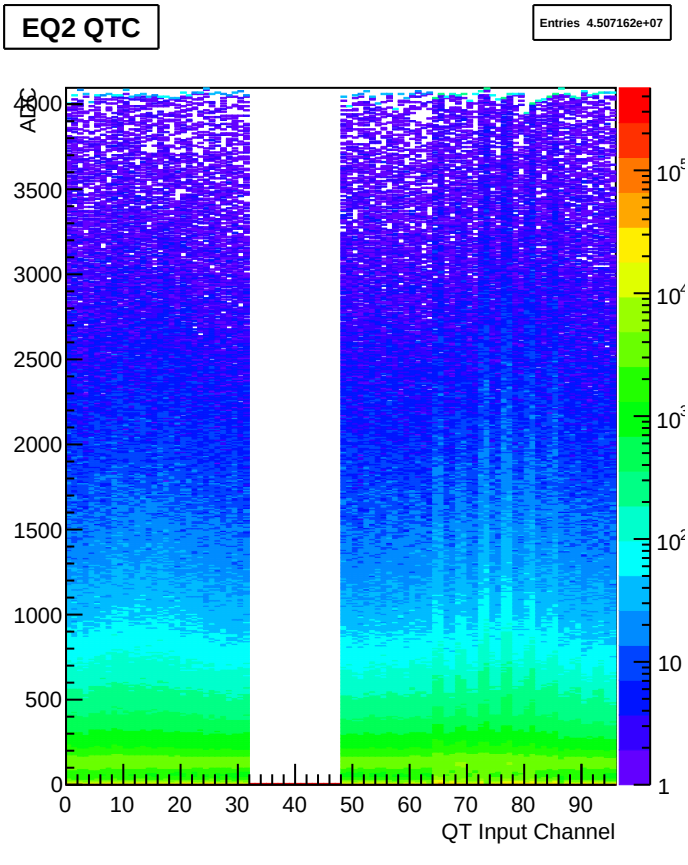

EQ1 QTB
Entries 4.491429e+07
TDC
QT Input Channel

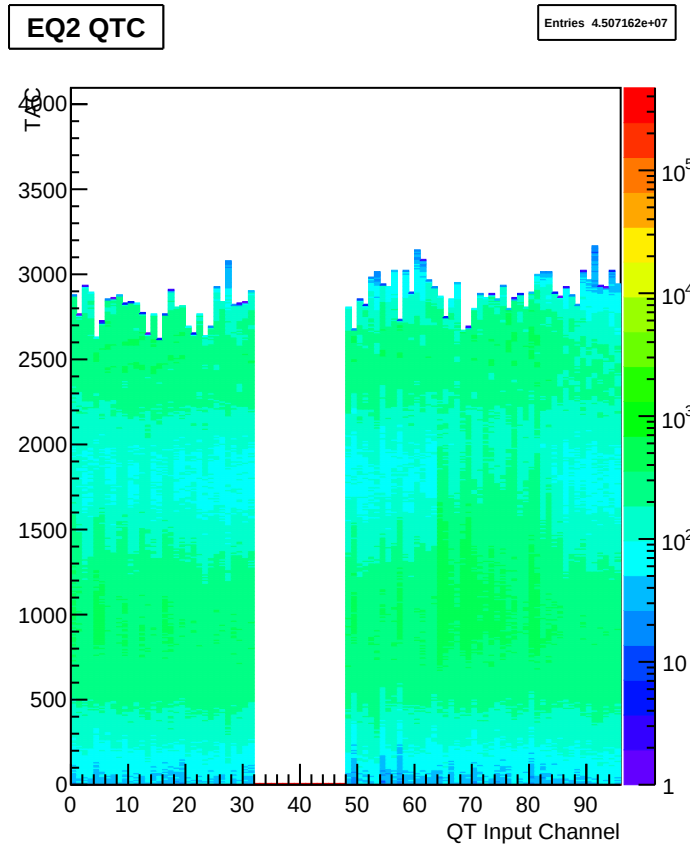

EQ1 QTC
Entries 4.507162e+07
ADC
QT Input Channel

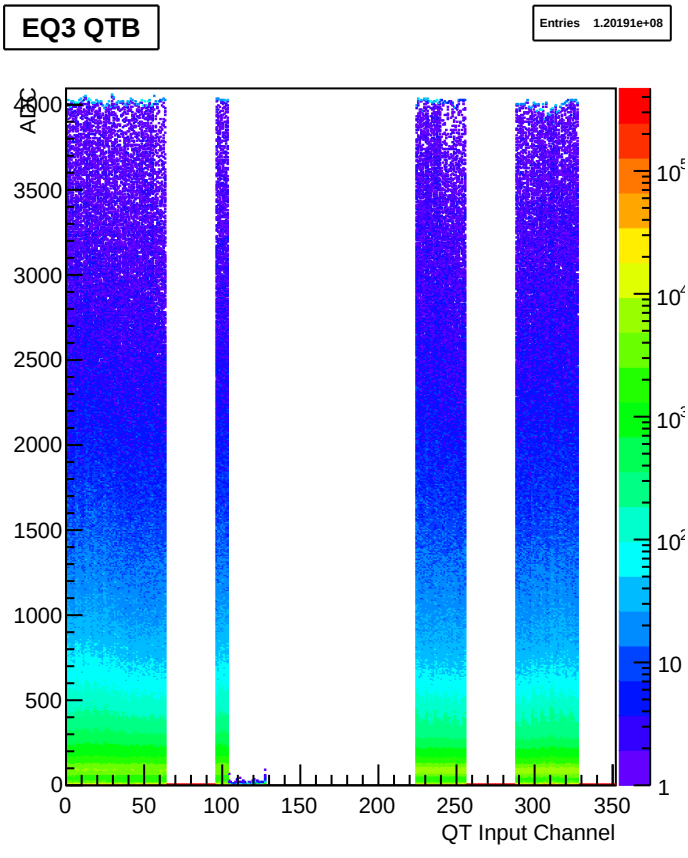

EQ1 QTC
Entries 4.507162e+07
TADC
QT Input Channel

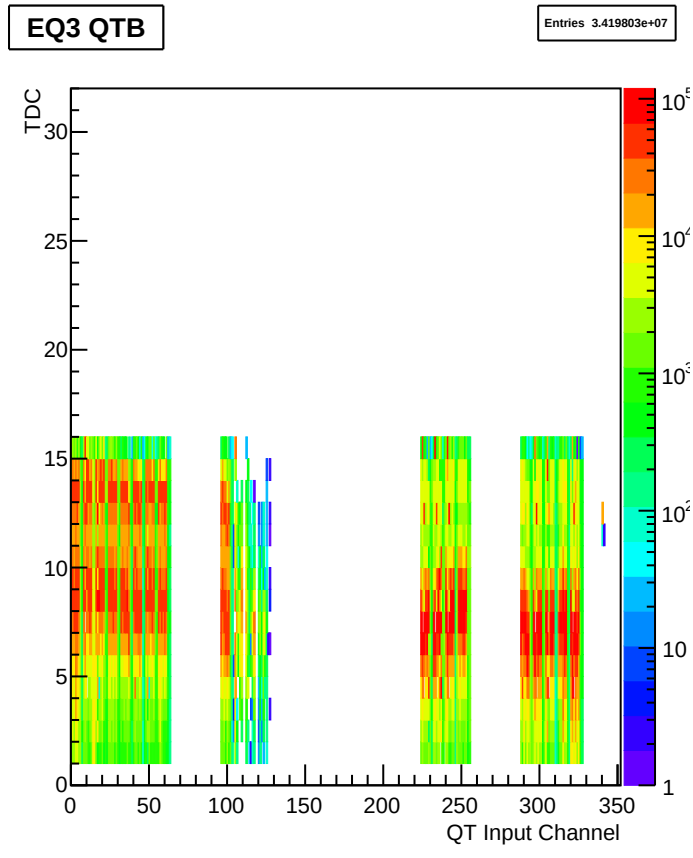

EQ2 QTB
Entries 1.352148e+08
ADC
QT Input Channel

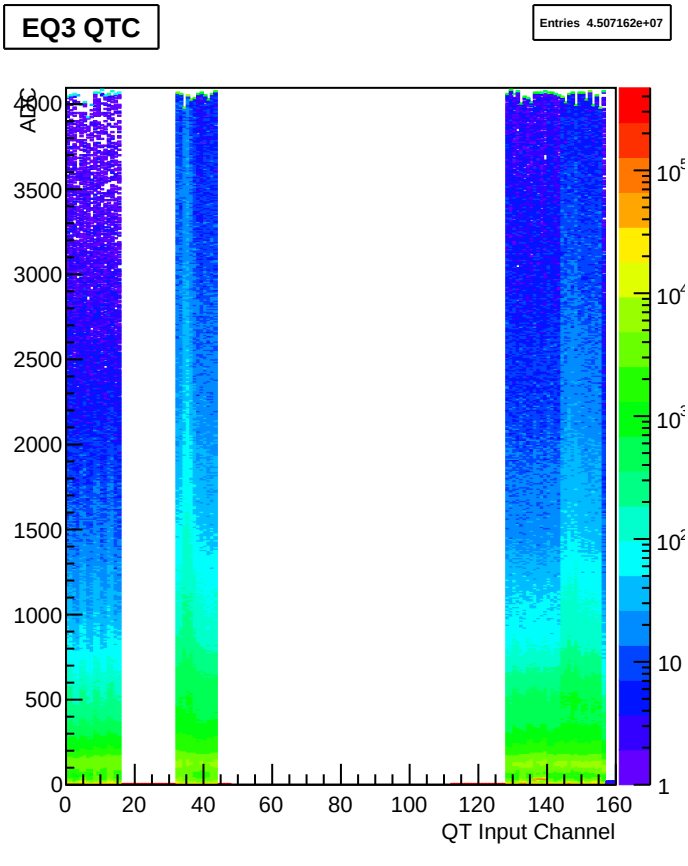

EQ2 QTB
Entries 4.251844e+07
TDC
QT Input Channel

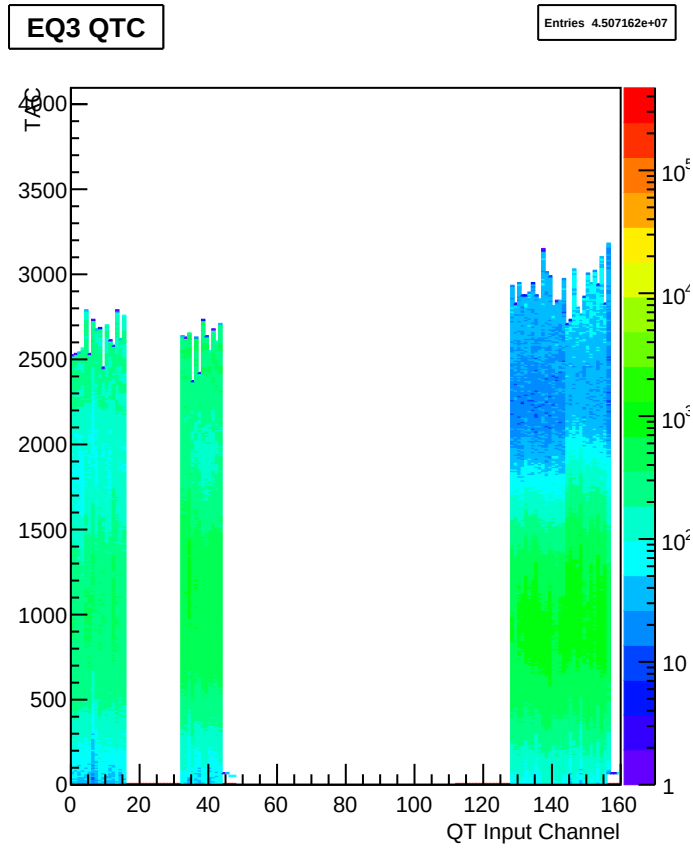

EQ2 QTC
Entries 4.507162e+07
ADC
QT Input Channel

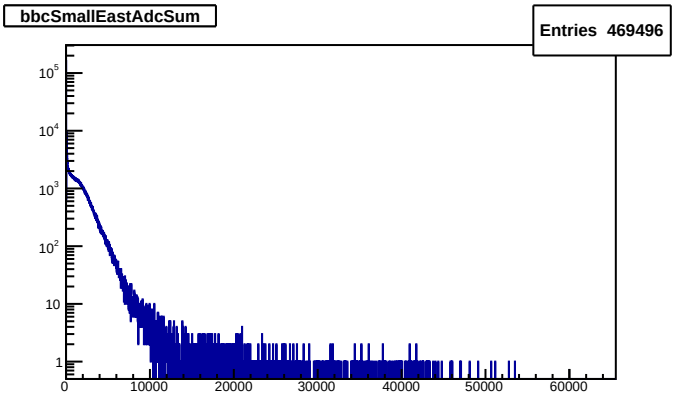

EQ2 QTC
Entries 4.507162e+07
TADC
QT Input Channel

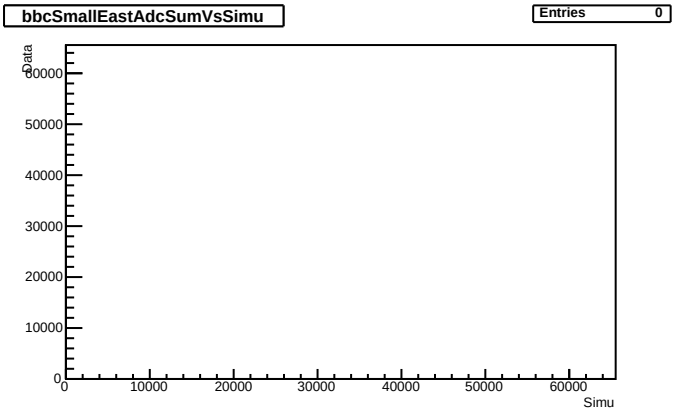

EQ3 QTB
Entries 1.20191e+08
ADC
QT Input Channel

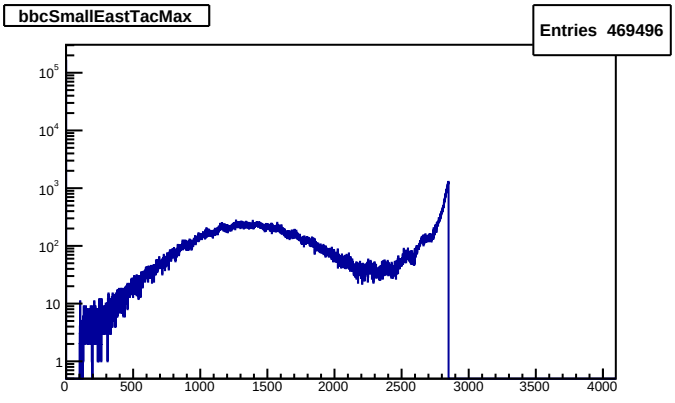

EQ3 QTB
Entries 3.419803e+07
TDC
QT Input Channel

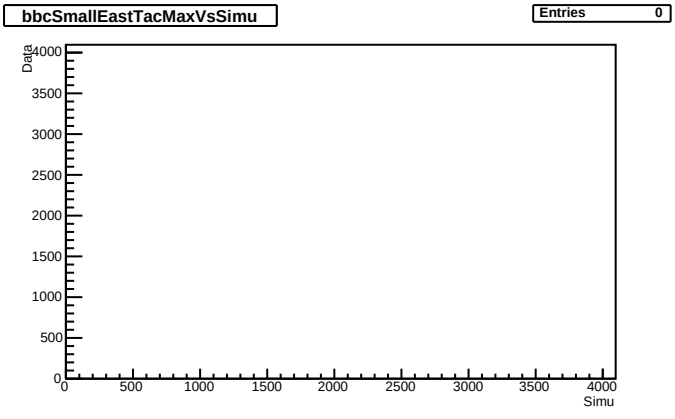

EQ3 QTC
Entries 4.507162e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.507162e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 469496


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 469496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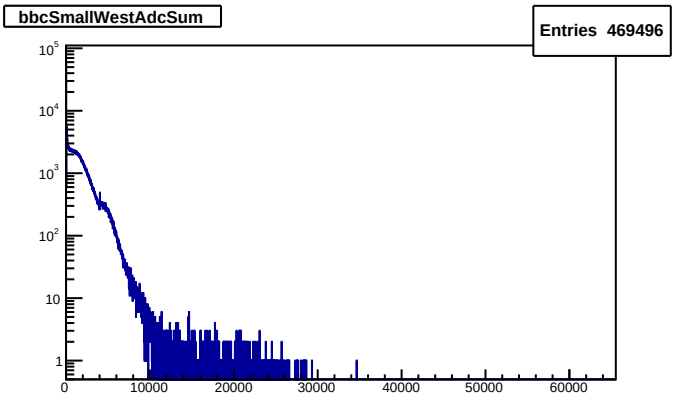
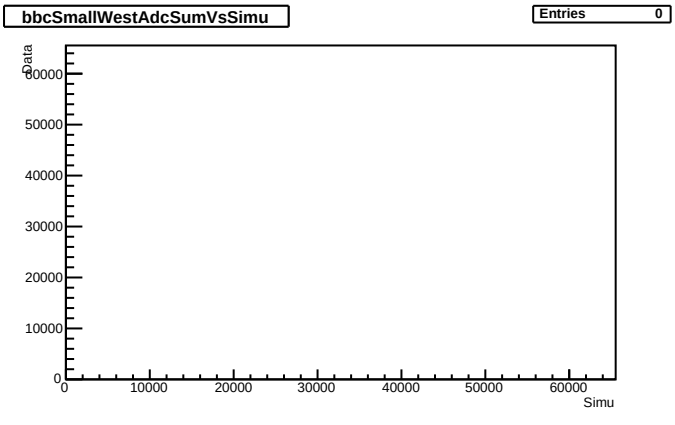

bbcSmallWestAdcSum
Entries 469496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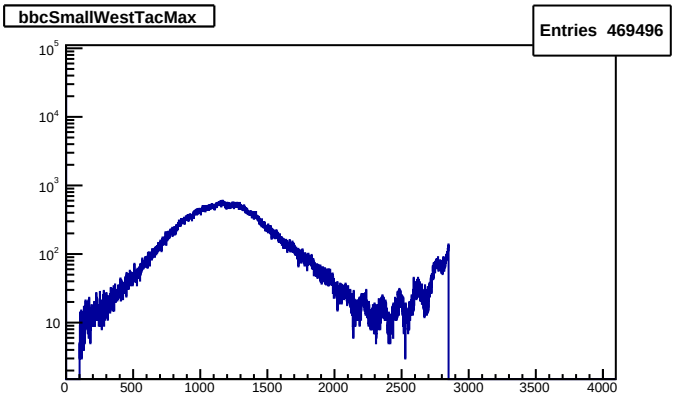
Simu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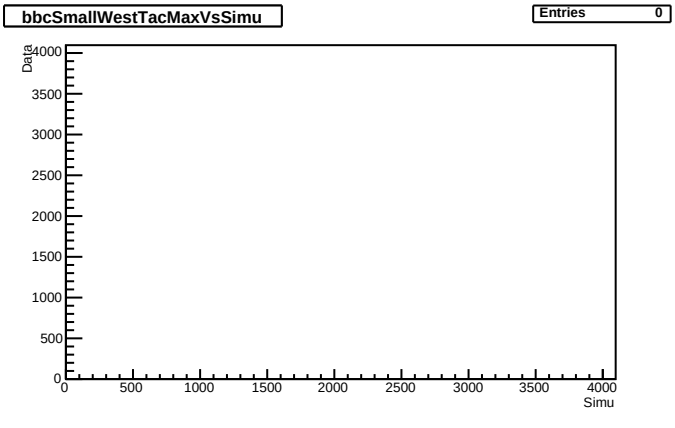
Entries 469496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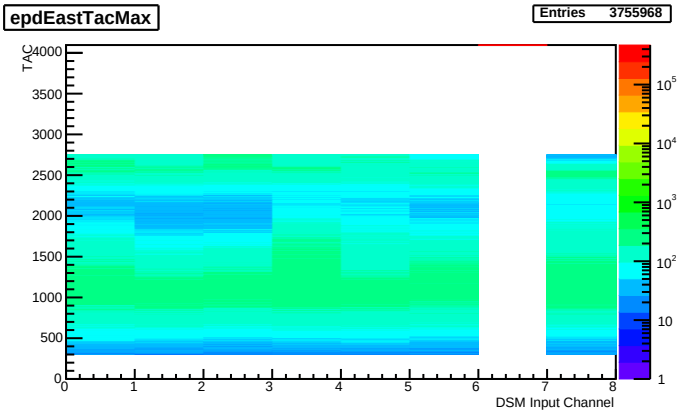
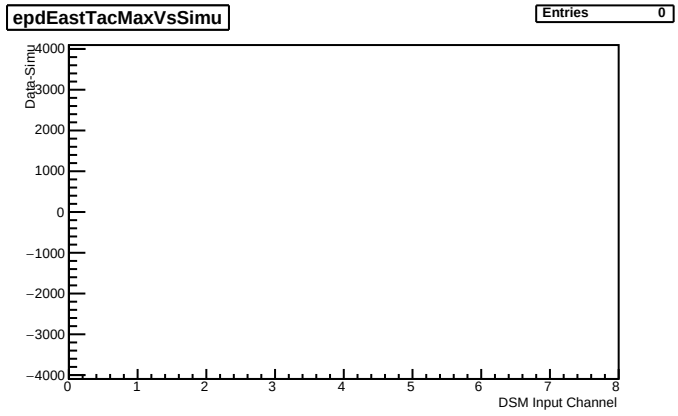
Entries 0
Data
Simu


epdEastTacMax
Entries 3755968
TAC
DSM Input Channel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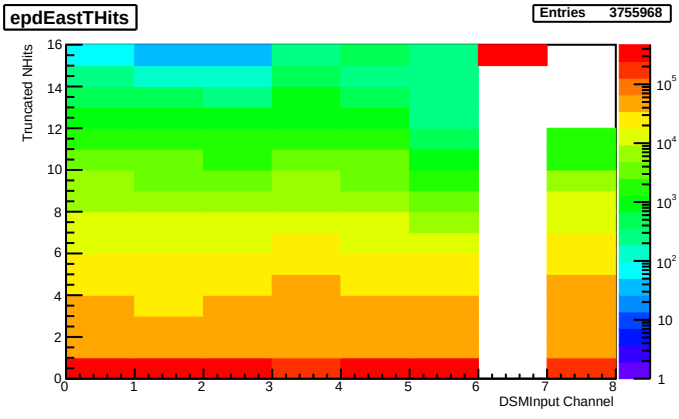
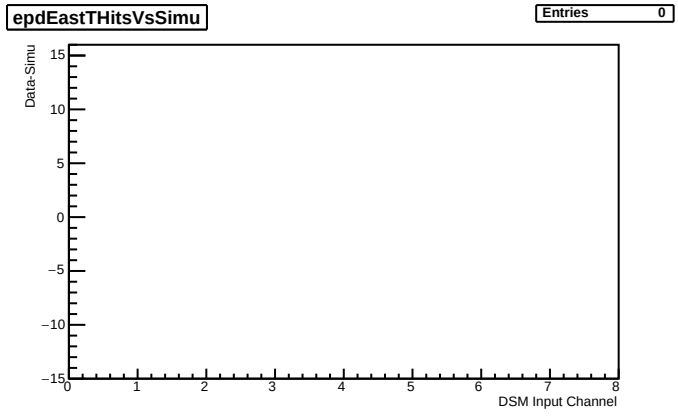
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3755968
Truncated NHits
DSMInput Channel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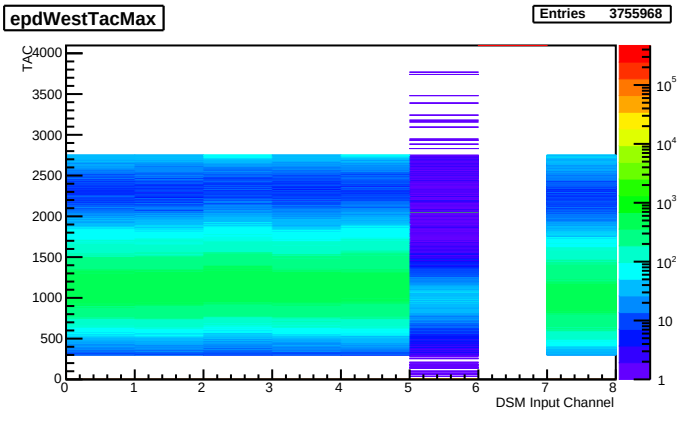
Entries 0
Data-Simu
DSM Input Channel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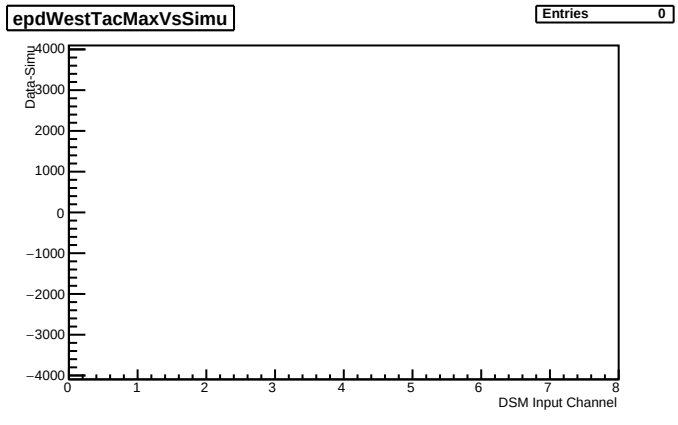
Entries 3755968
TAC
DSM Input Channel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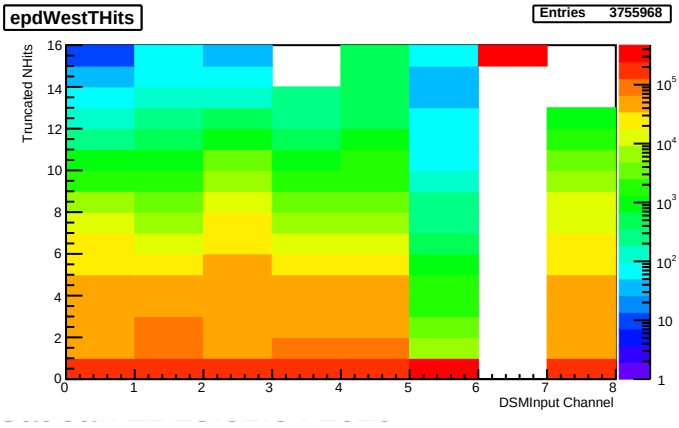
Data-Simu
DSM Input Channel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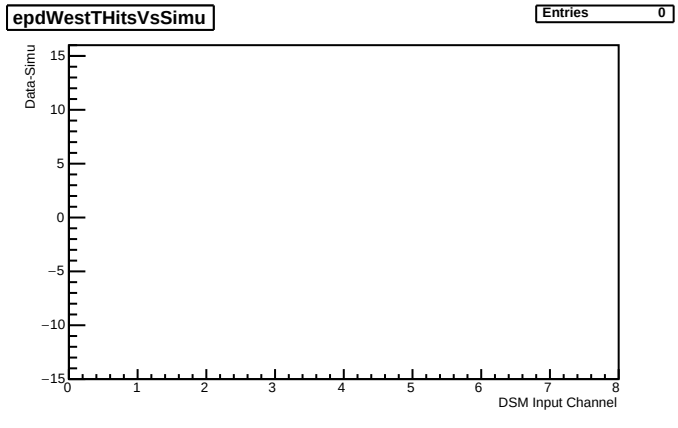
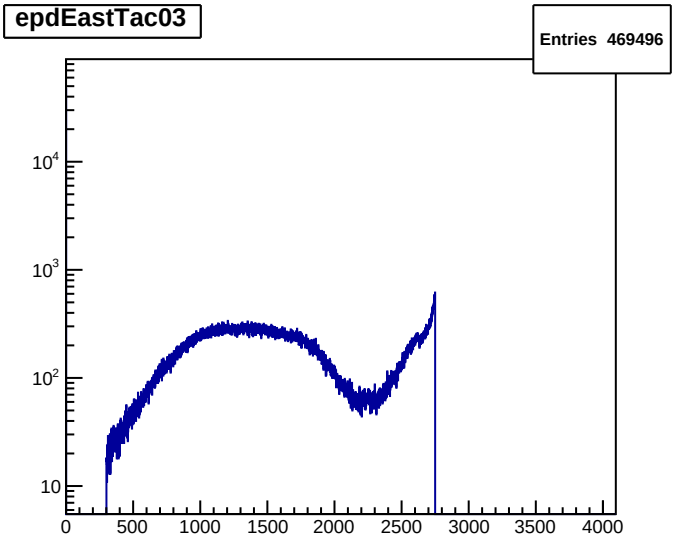
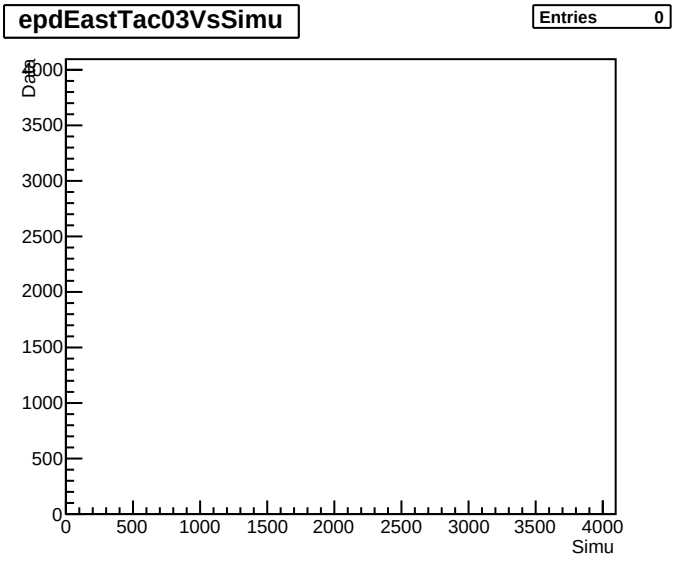
Entries 3755968
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 469496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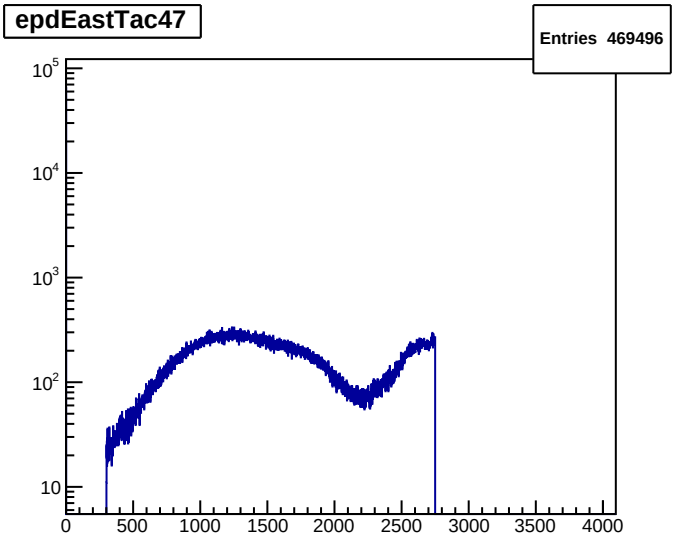
Entries 0
Data
Simu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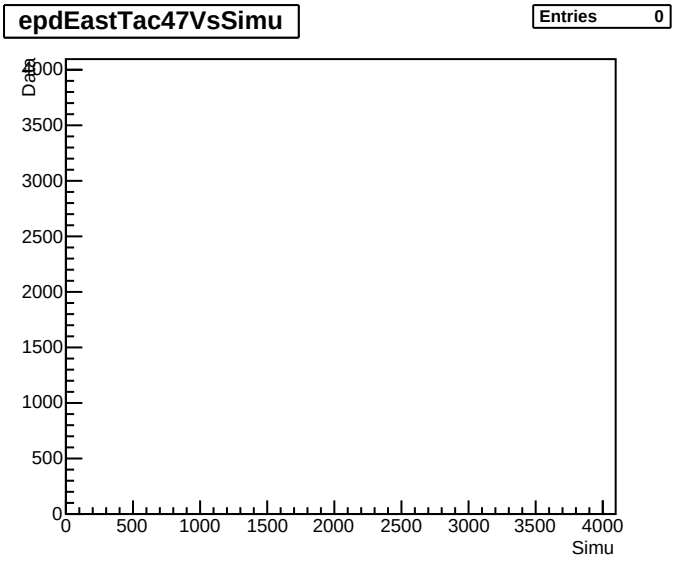
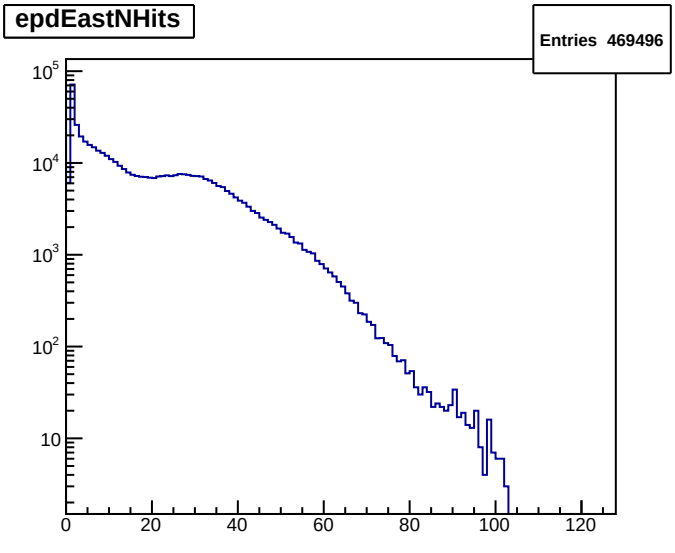
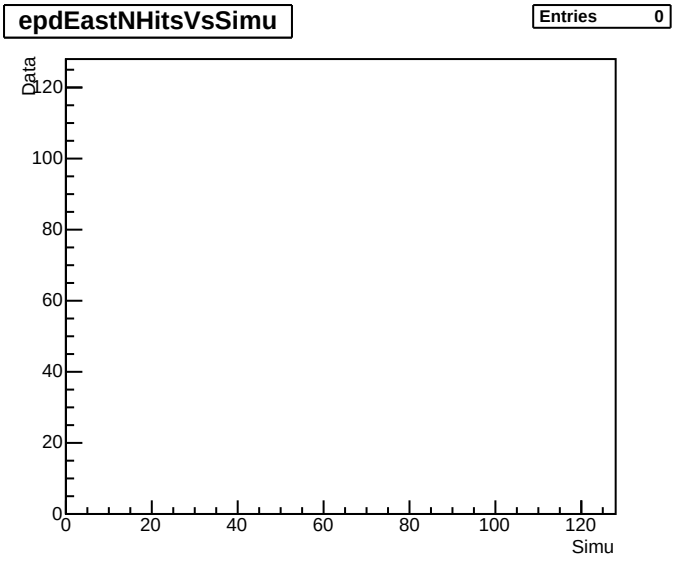
Entries 469496


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 469496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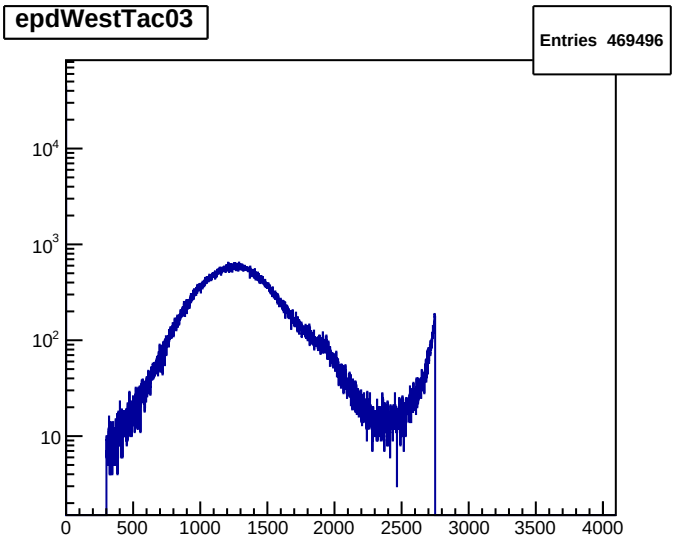
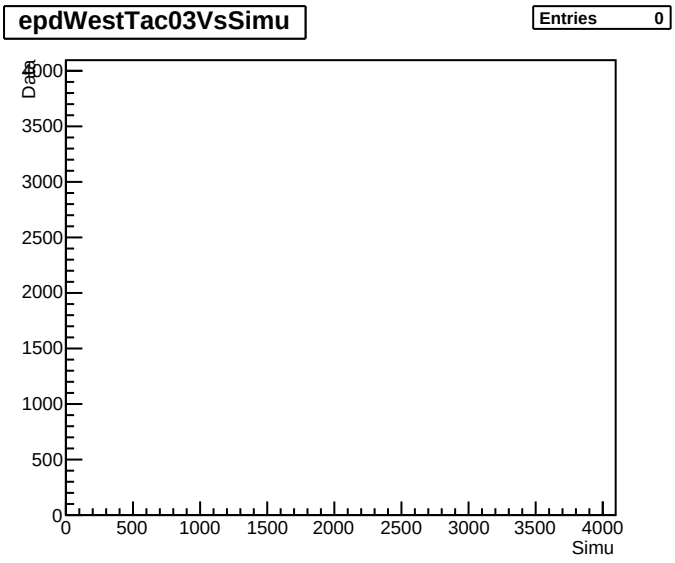
Entries 0
Data
Simu


epdWestTac03
Entries 469496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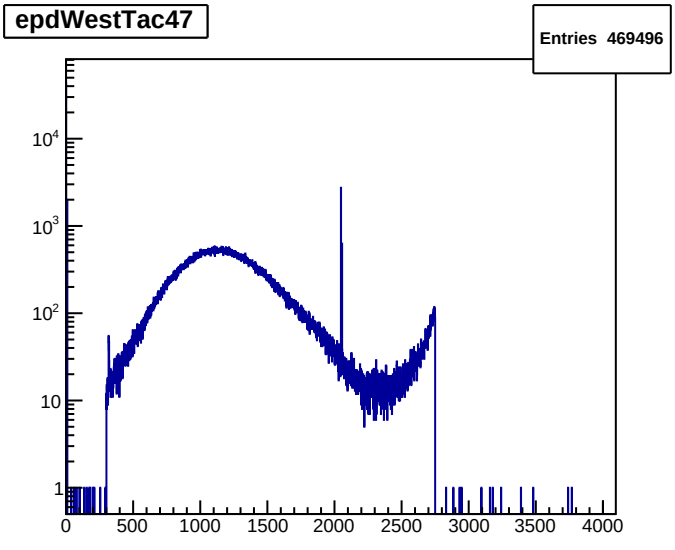
Entries 0
Data
Simu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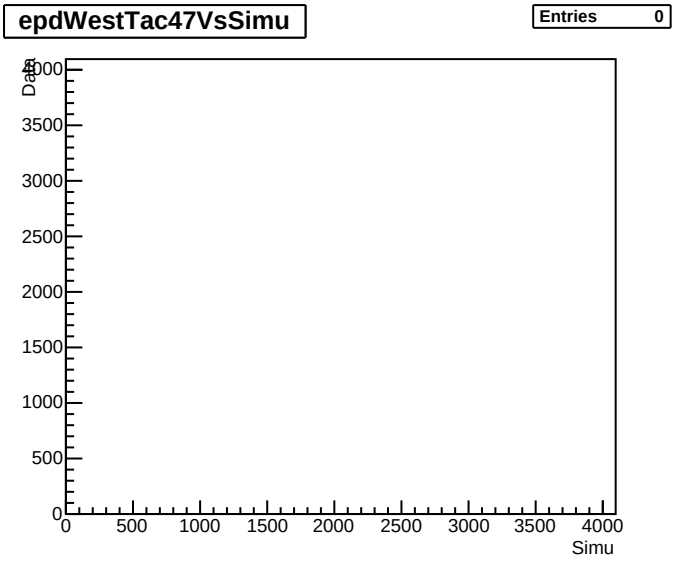
Entries 469496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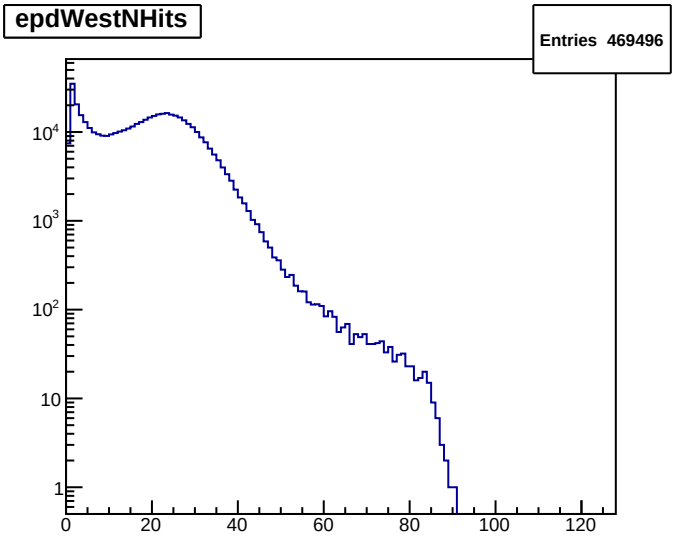
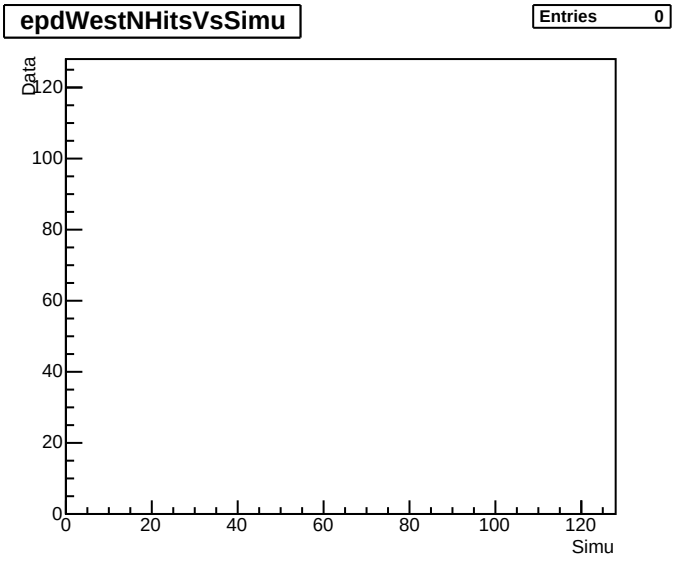
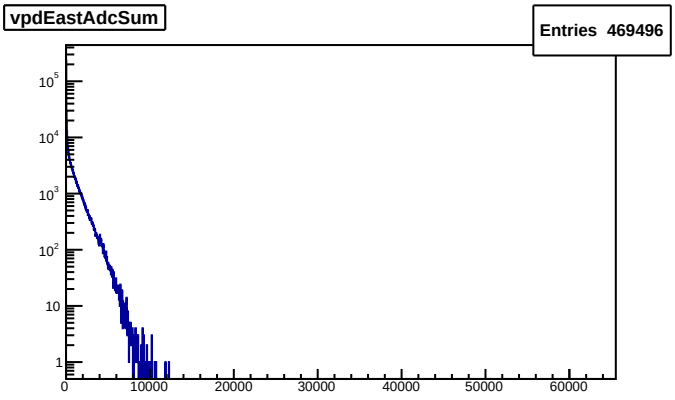
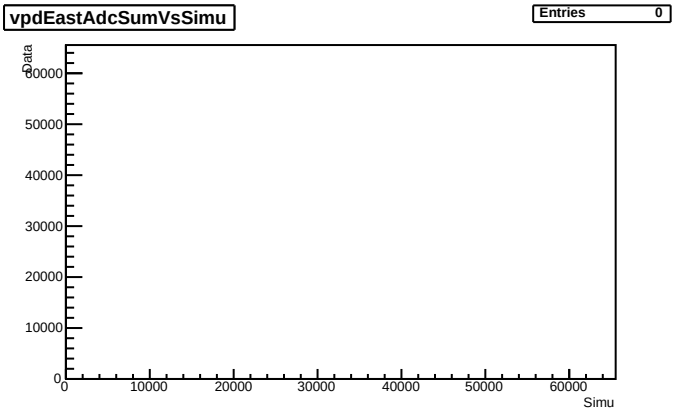
Entries 0
Data
Simu


epdWestNHits
Entries 469496


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 469496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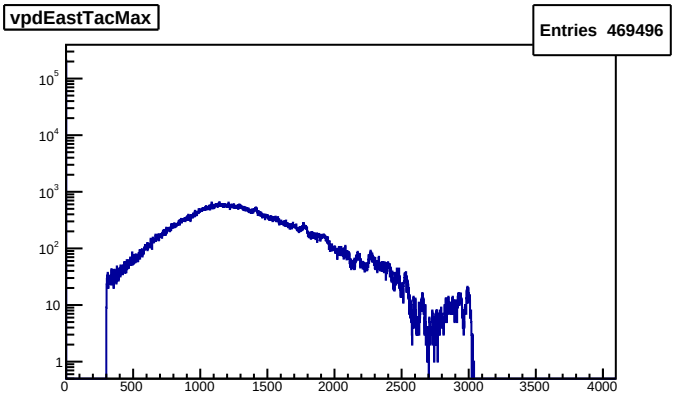
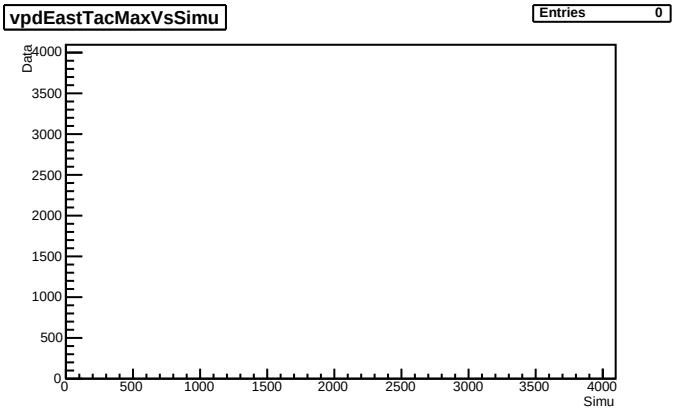
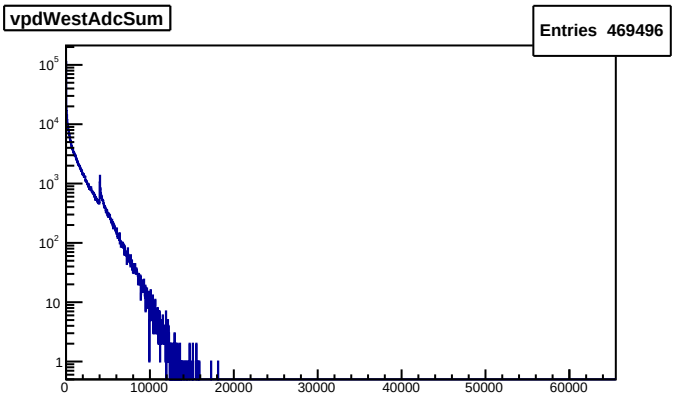
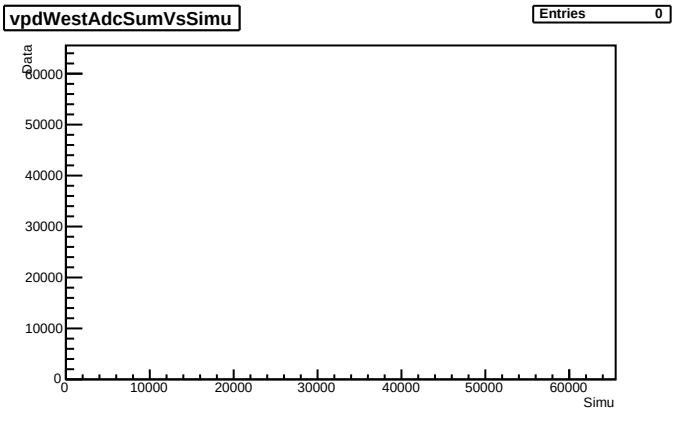
Entries 0
Data
Simu


vpdEastTacMax
Entries 469496


vpdEastTacMaxVsSimu
Entries 0
Data
Simu


vpdWestAdcSum
Entries 469496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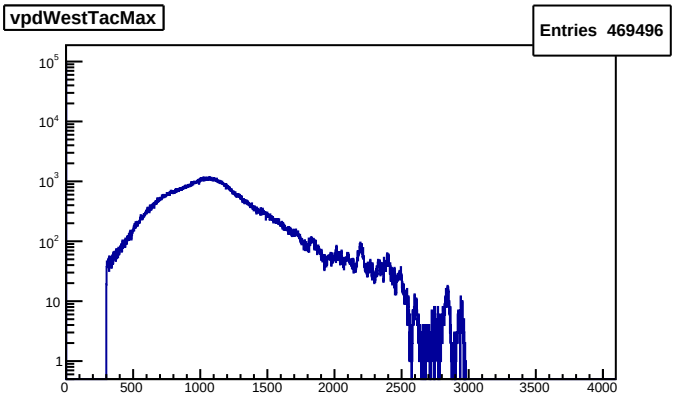
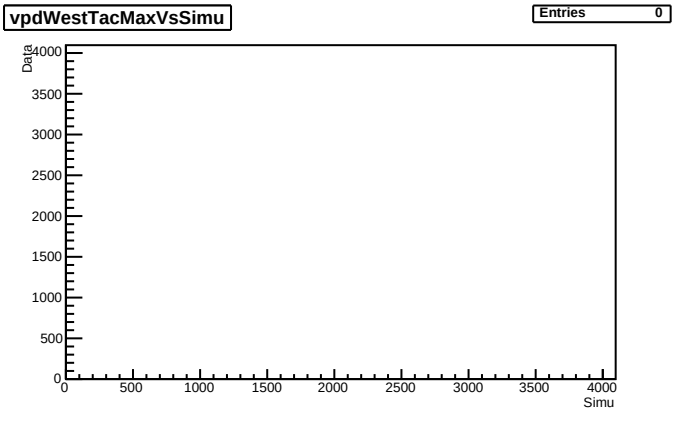
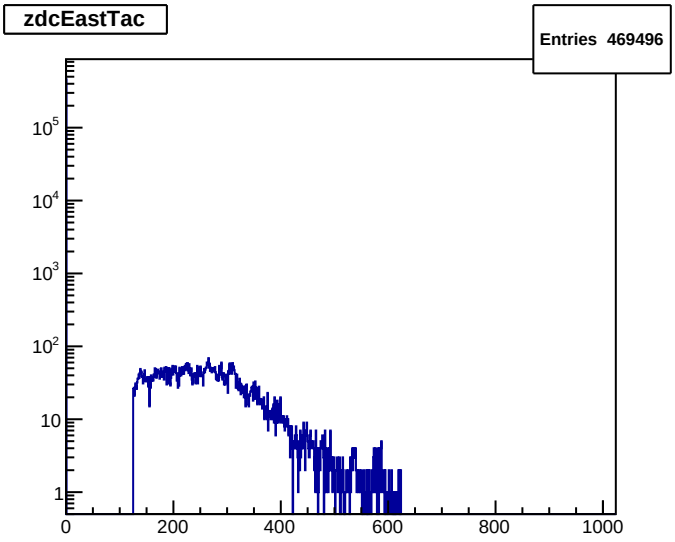
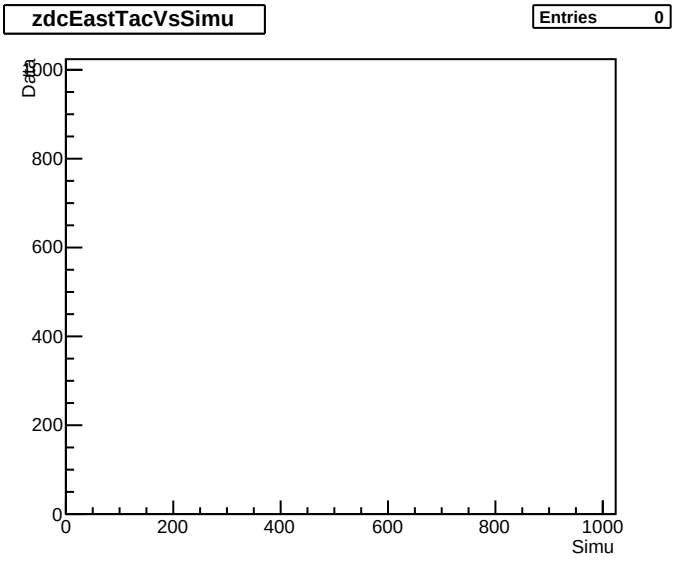
Entries 0
Data
Simu


vpdWestTacMax
Entries 469496


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 469496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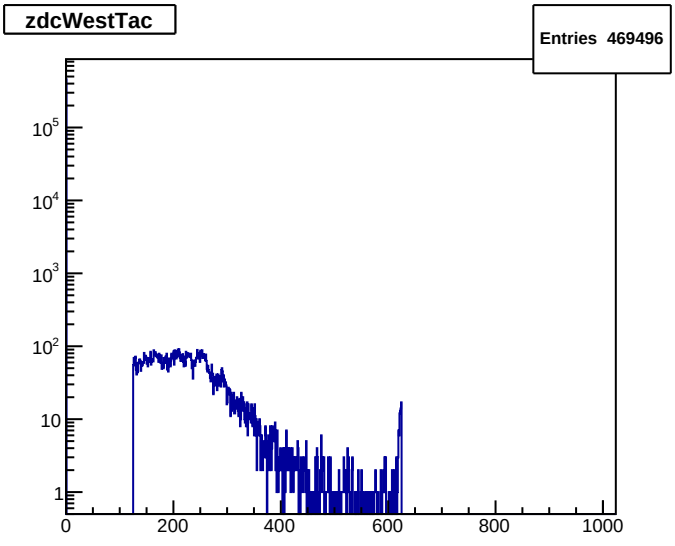
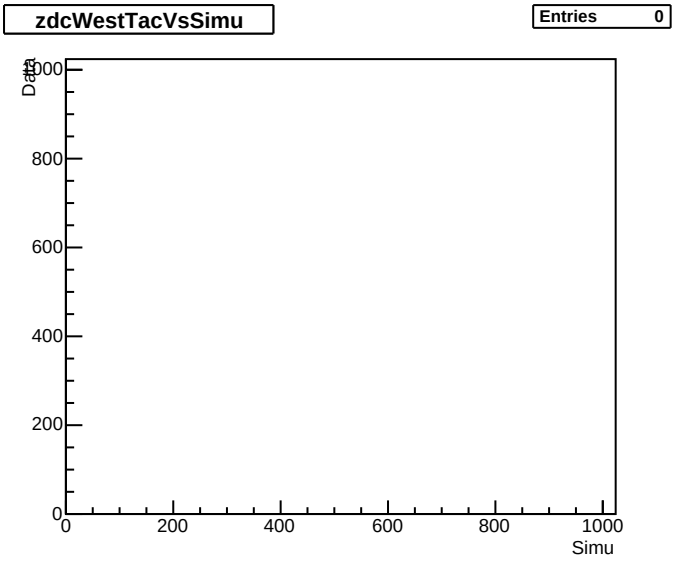
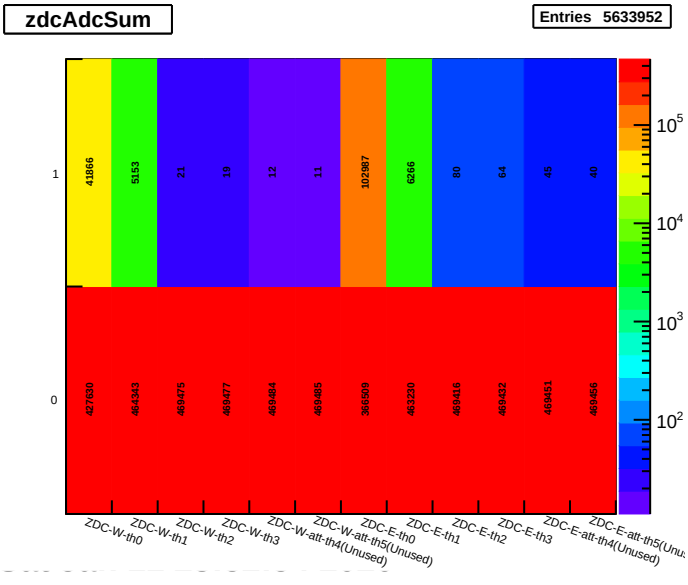
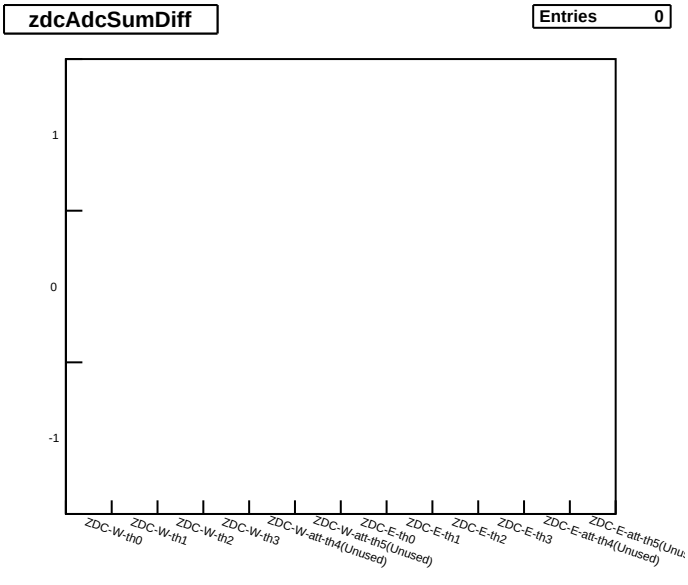
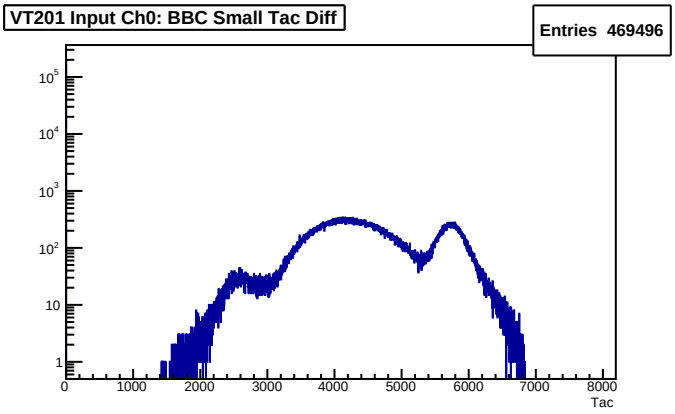
Entries 0
Data
Simu

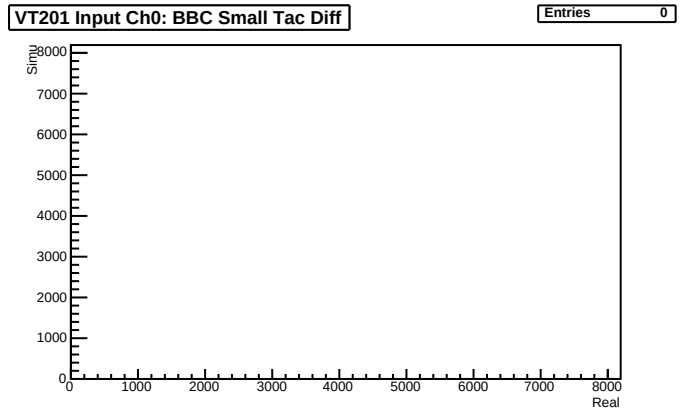

zdcWestTac
Entries 469496

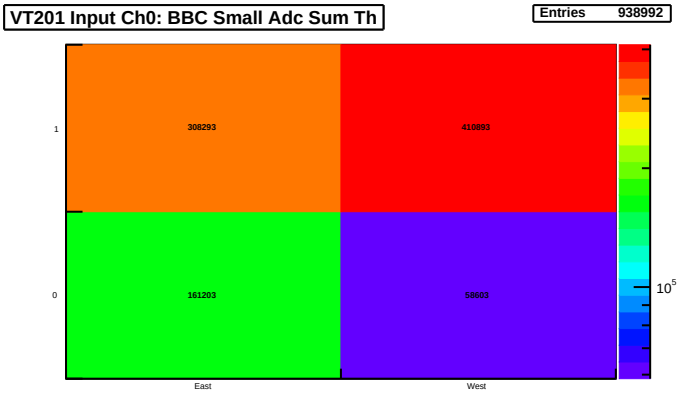

zdcWestTacVsSimu
Entries 0
Data
Simu

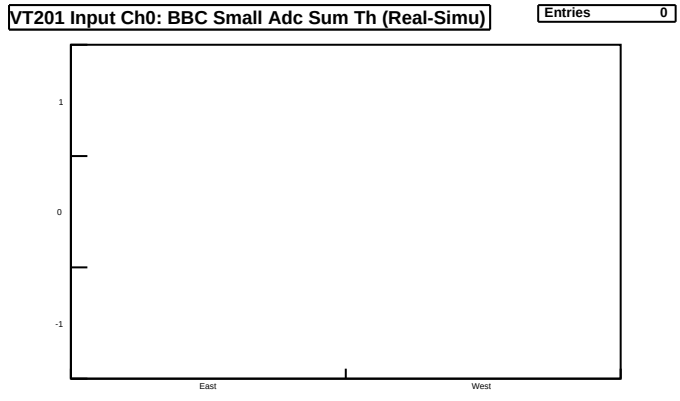

zdcAdcSum
Entries 5633952
41866
5153
21
19
12
11
102987
6266
80
64
45
40
427630
464343
469475
469477
469484
469485
366509
463230
469416
469432
469451
469456
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

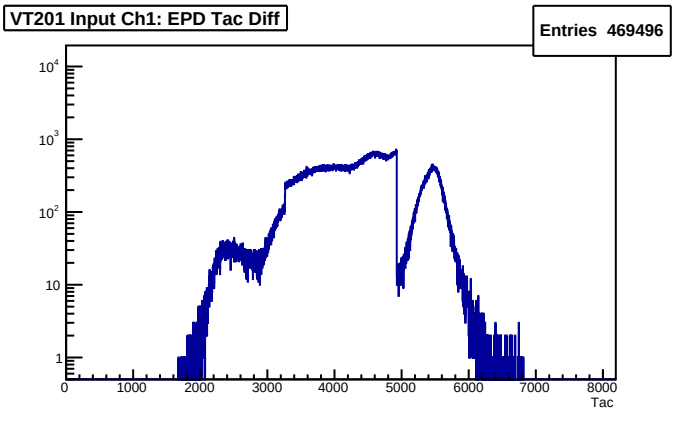

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

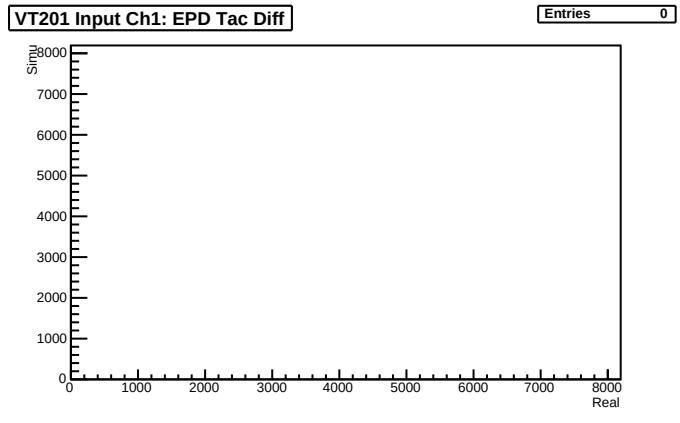

VT201 Input Ch0: BBC Small Tac Diff
Entries 469496
Tac

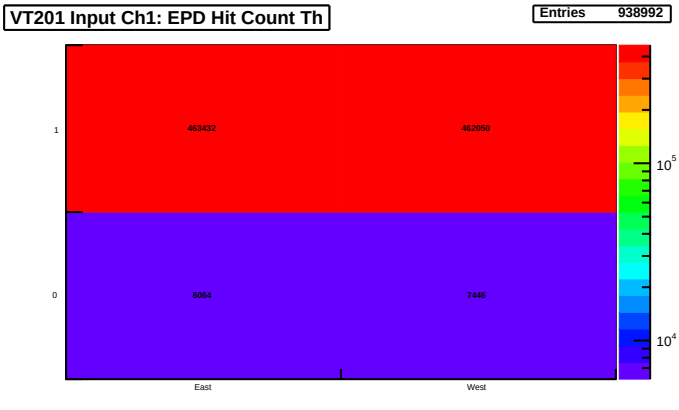

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

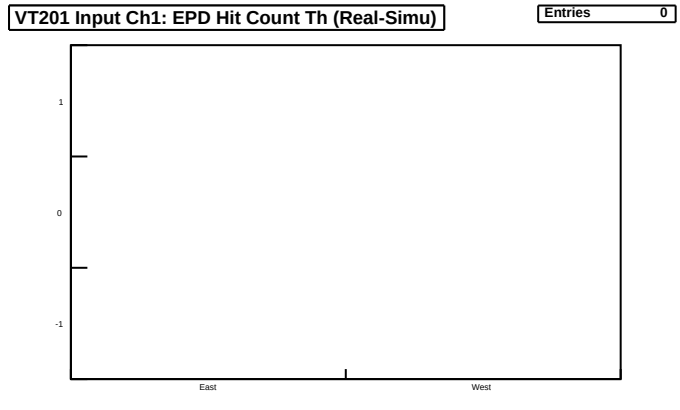

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 938992
308293
410893
161203
58603
East
West

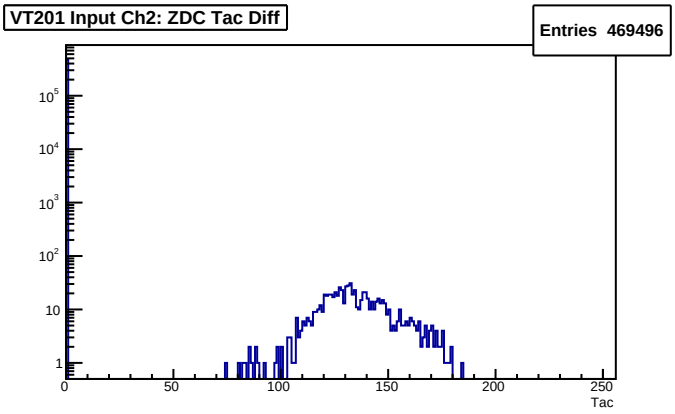

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

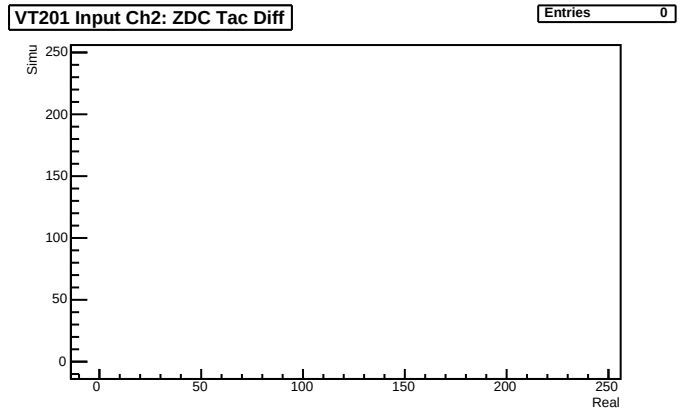

VT201 Input Ch1: EPD Tac Diff
Entries 469496
Tac

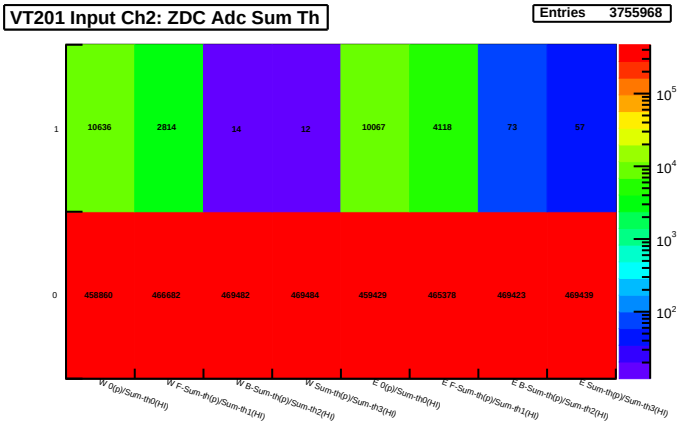

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

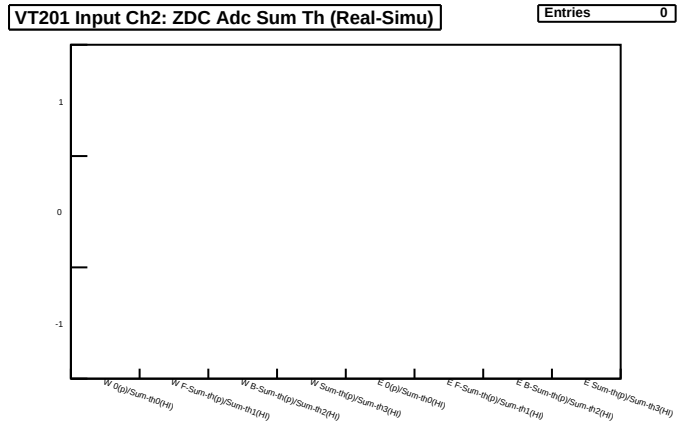

VT201 Input Ch1: EPD Hit Count Th
Entries 938992
463432
462050
6064
7446
East
West

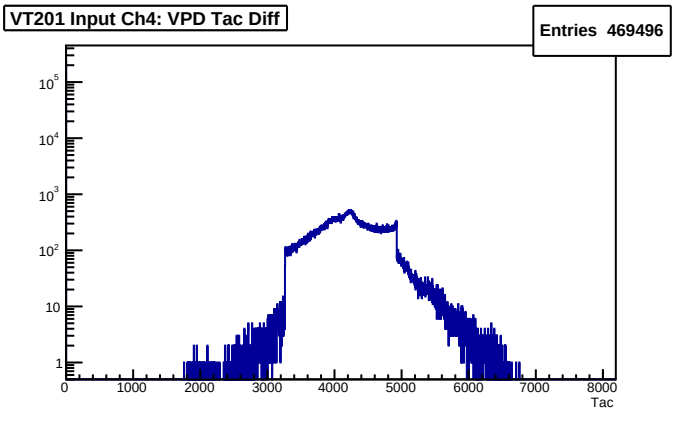

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

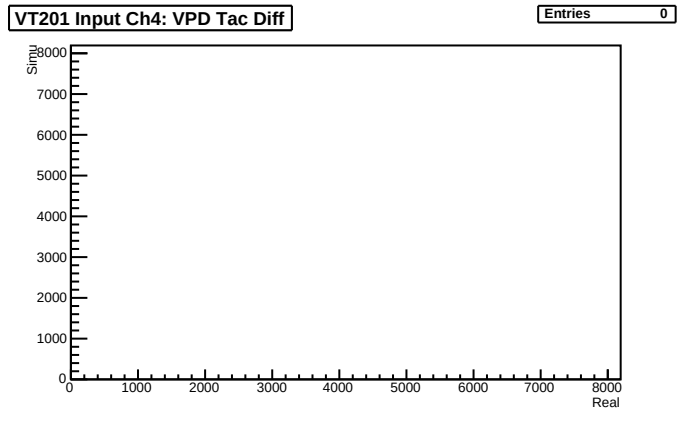

VT201 Input Ch2: ZDC Tac Diff
Entries 469496
Tac

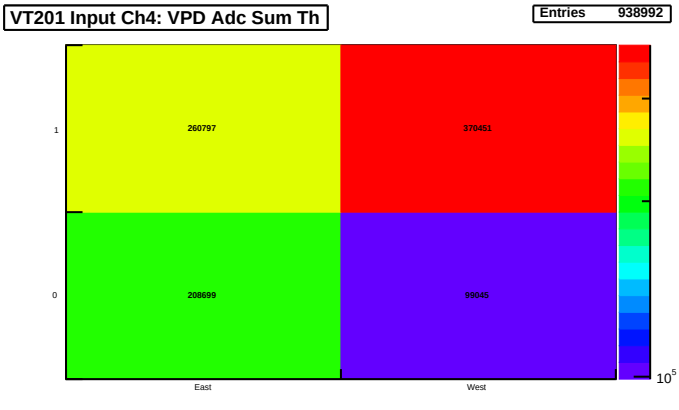

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

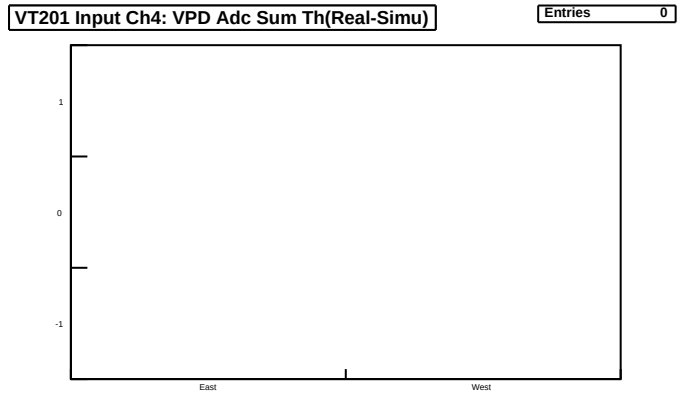

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3755968
10636
2814
14
12
10067
4118
73
57
458860
466682
469482
469484
459429
465378
469423
469439
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

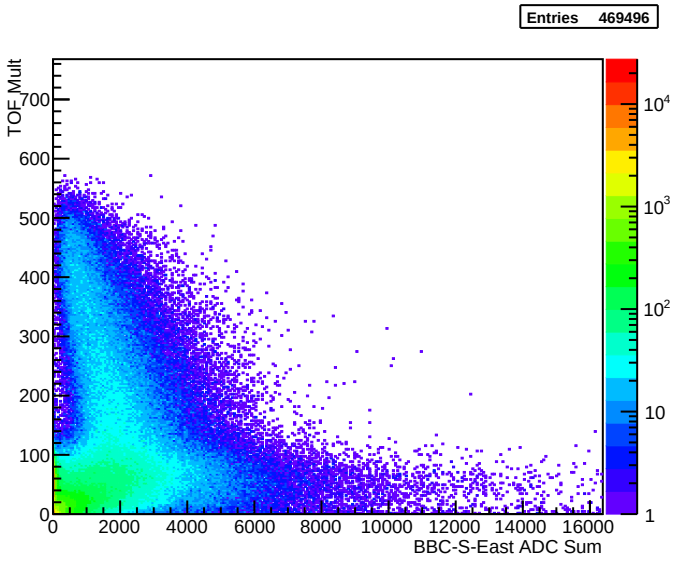

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

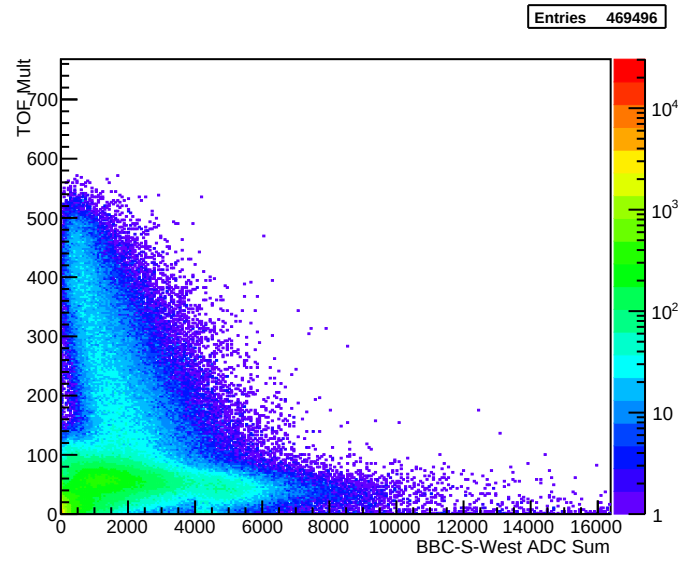

VT201 Input Ch4: VPD Tac Diff
Entries 469496
Tac

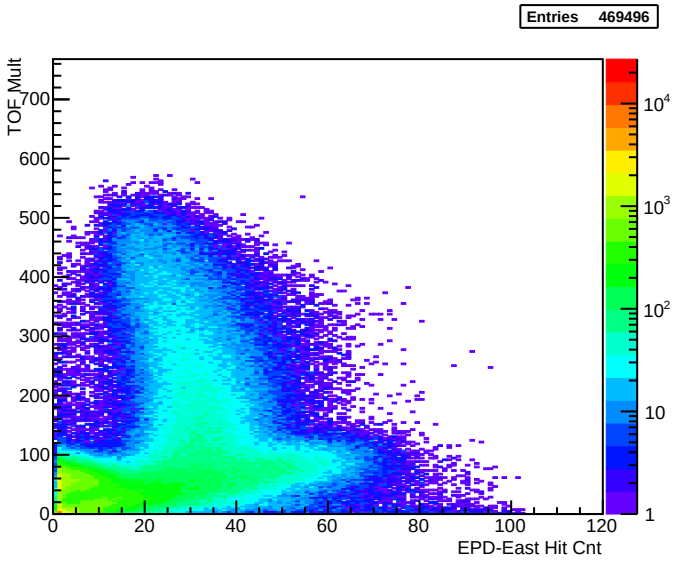

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

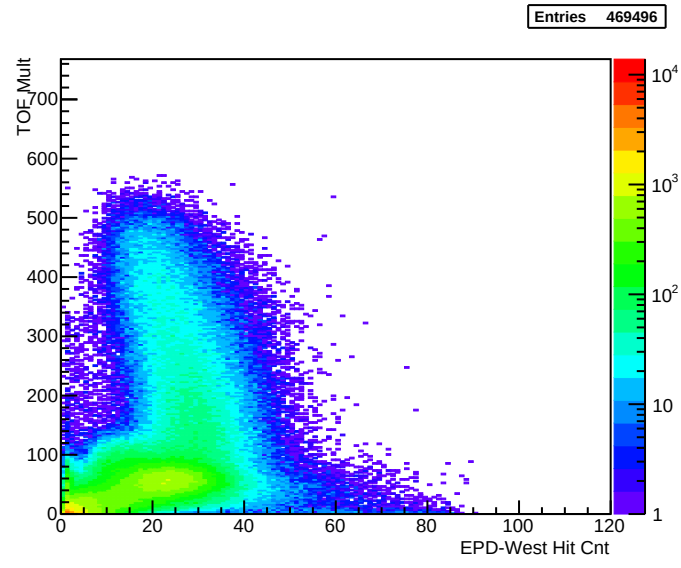

VT201 Input Ch4: VPD Adc Sum Th
Entries 938992
260797
370451
208699
99045
East
West

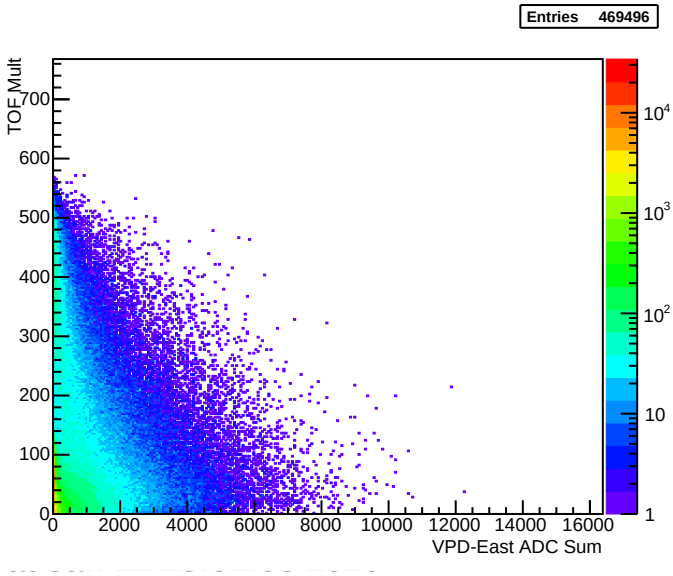

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

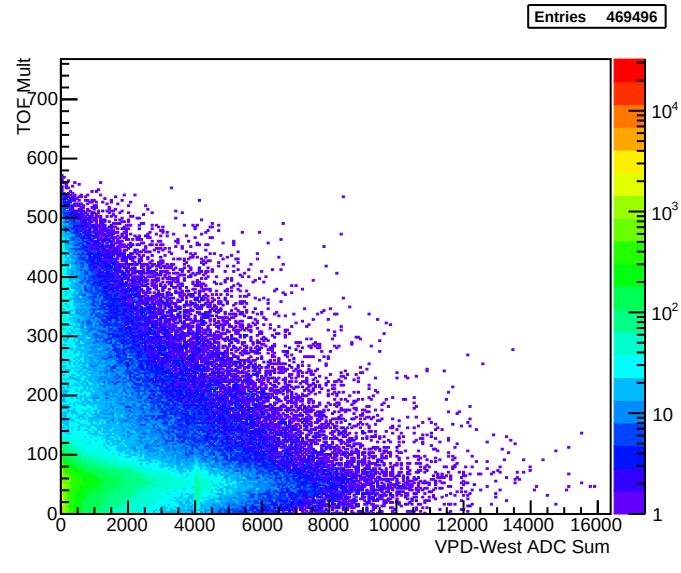

Entries 469496
TOF_Mult
BBC-S-East ADC Sum

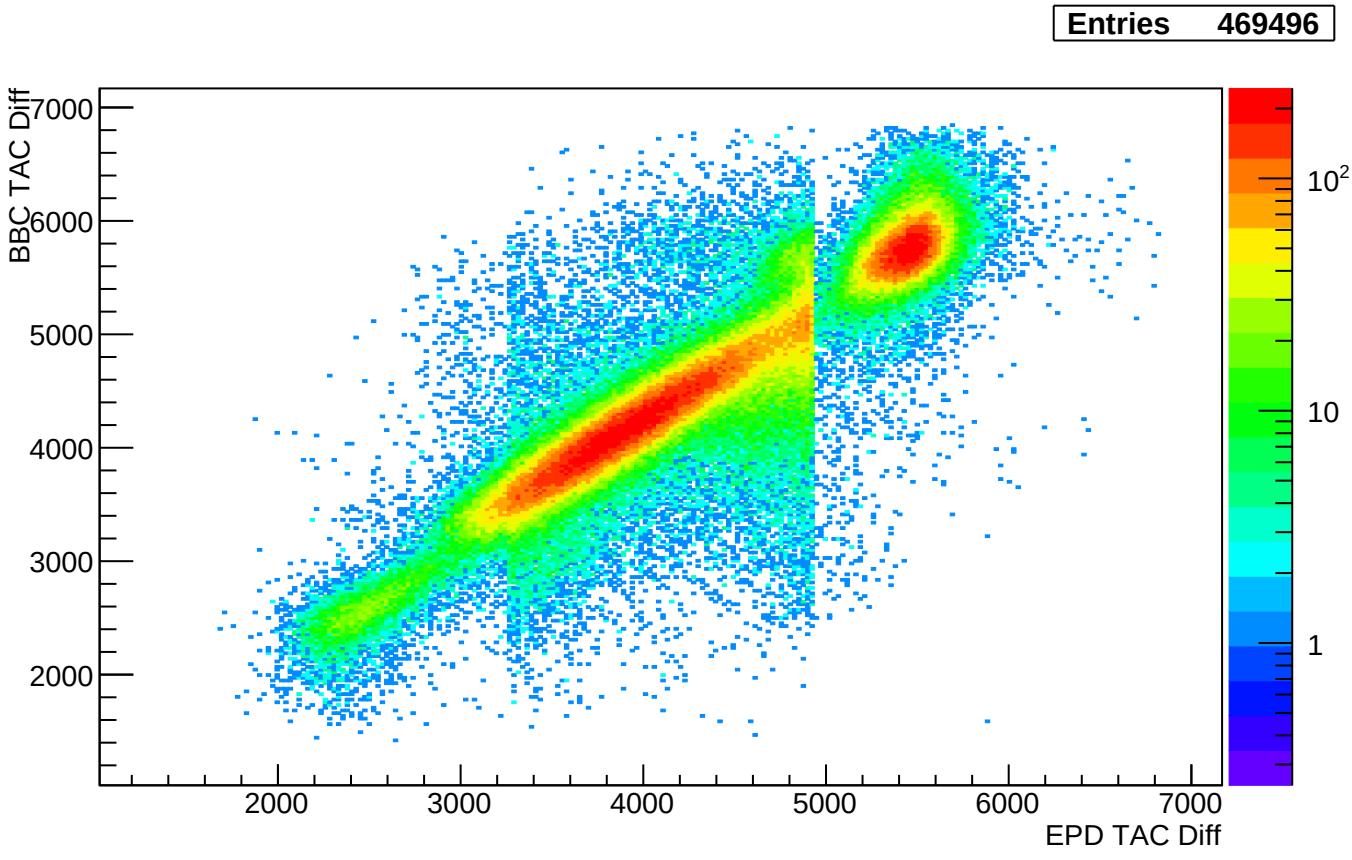

Entries 469496
TOF_Mult
BBC-S-West ADC Sum

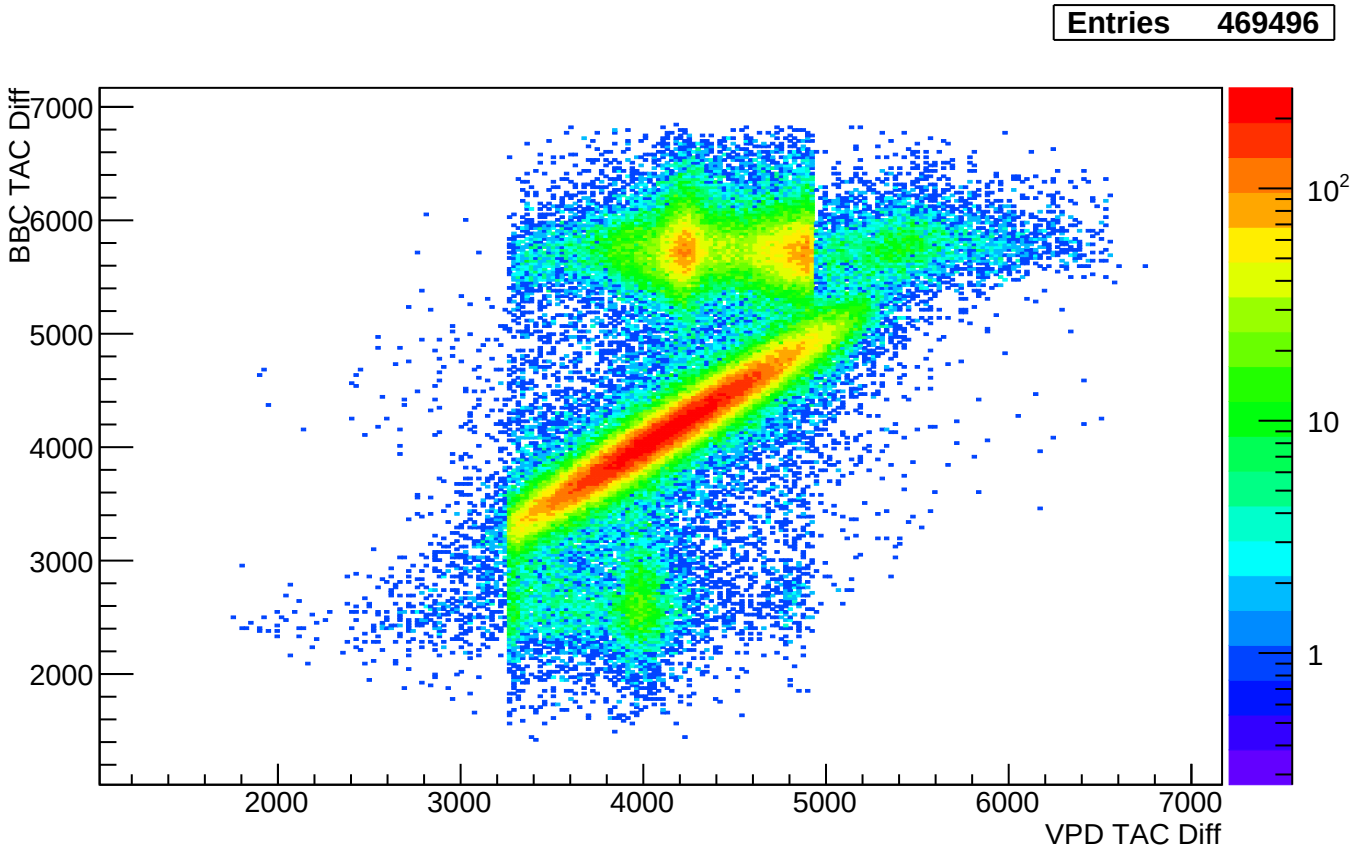

Entries 469496
TOF_Mult
EPD-East Hit Cnt

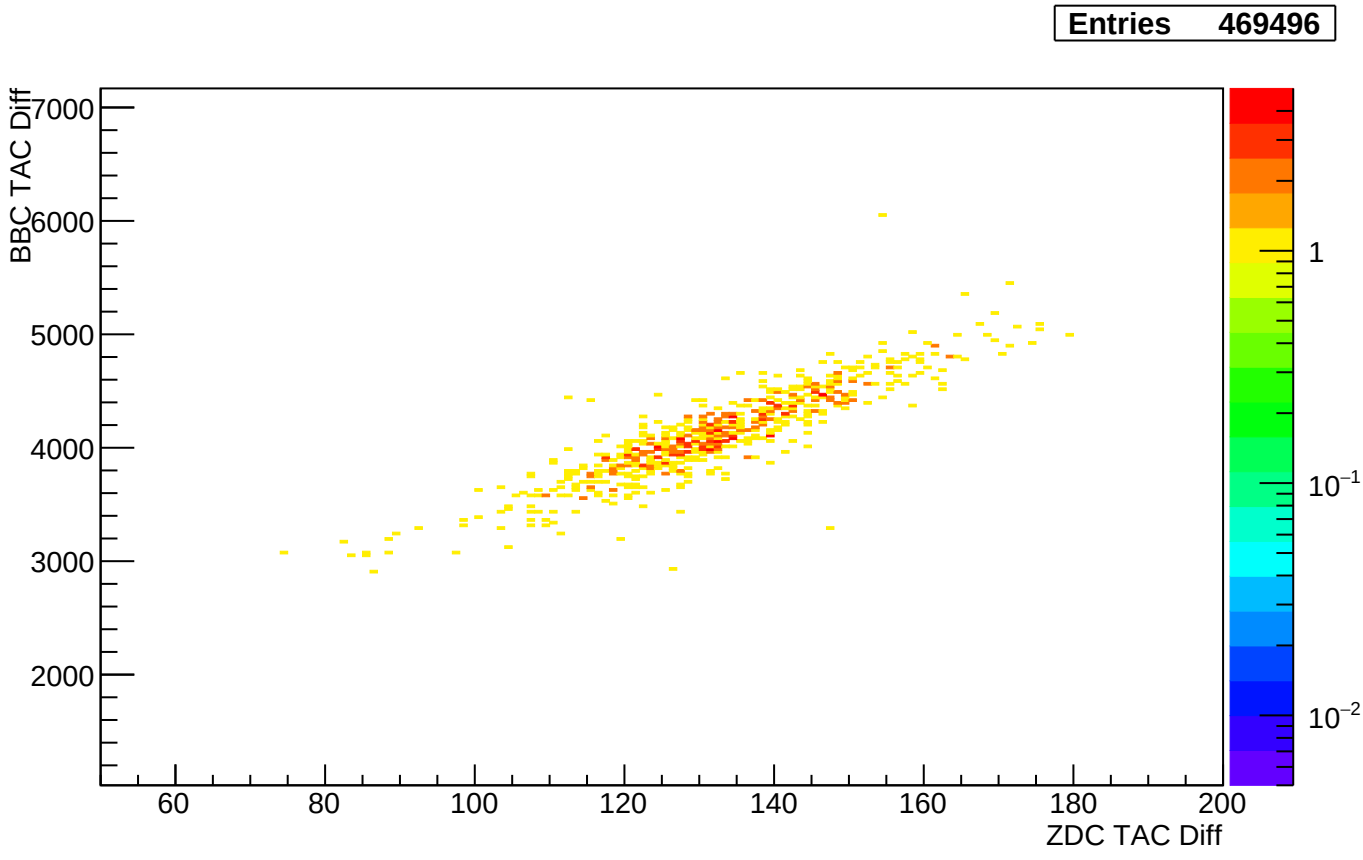

Entries 469496
TOF_Mult
EPD-West Hit Cnt

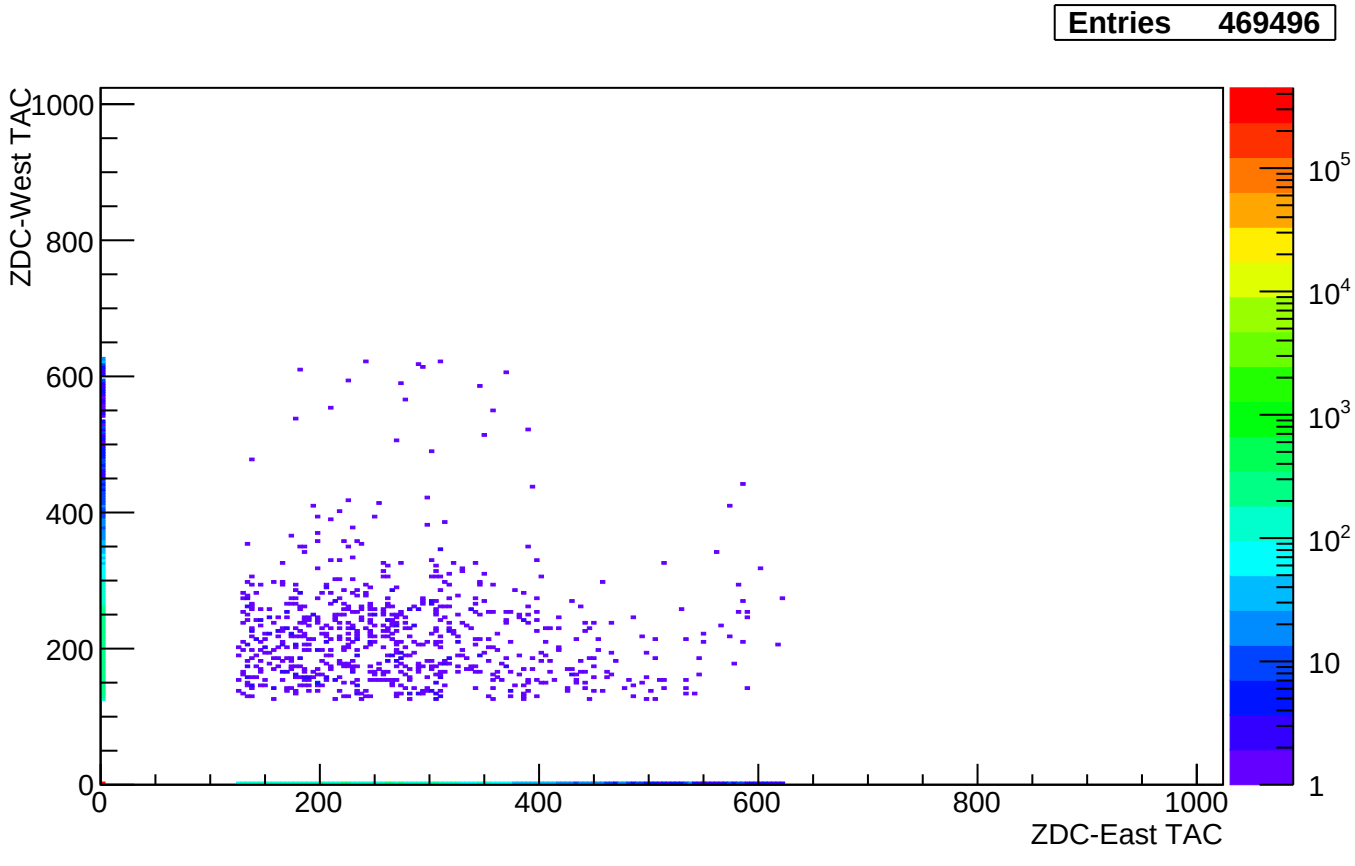

Entries 469496
TOF_Mult
VPD-East ADC Sum

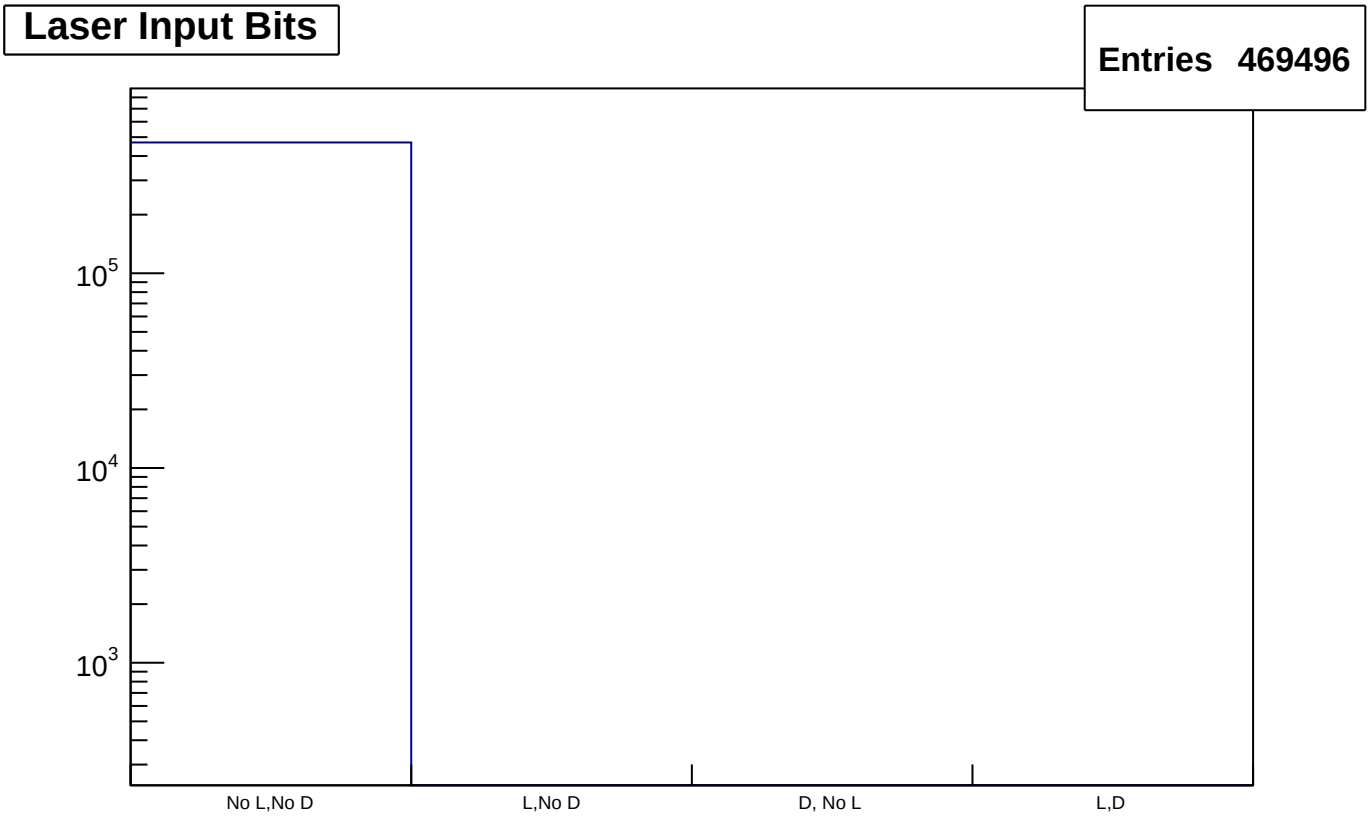

Entries 469496
TOF_Mult
VPD-West ADC Sum

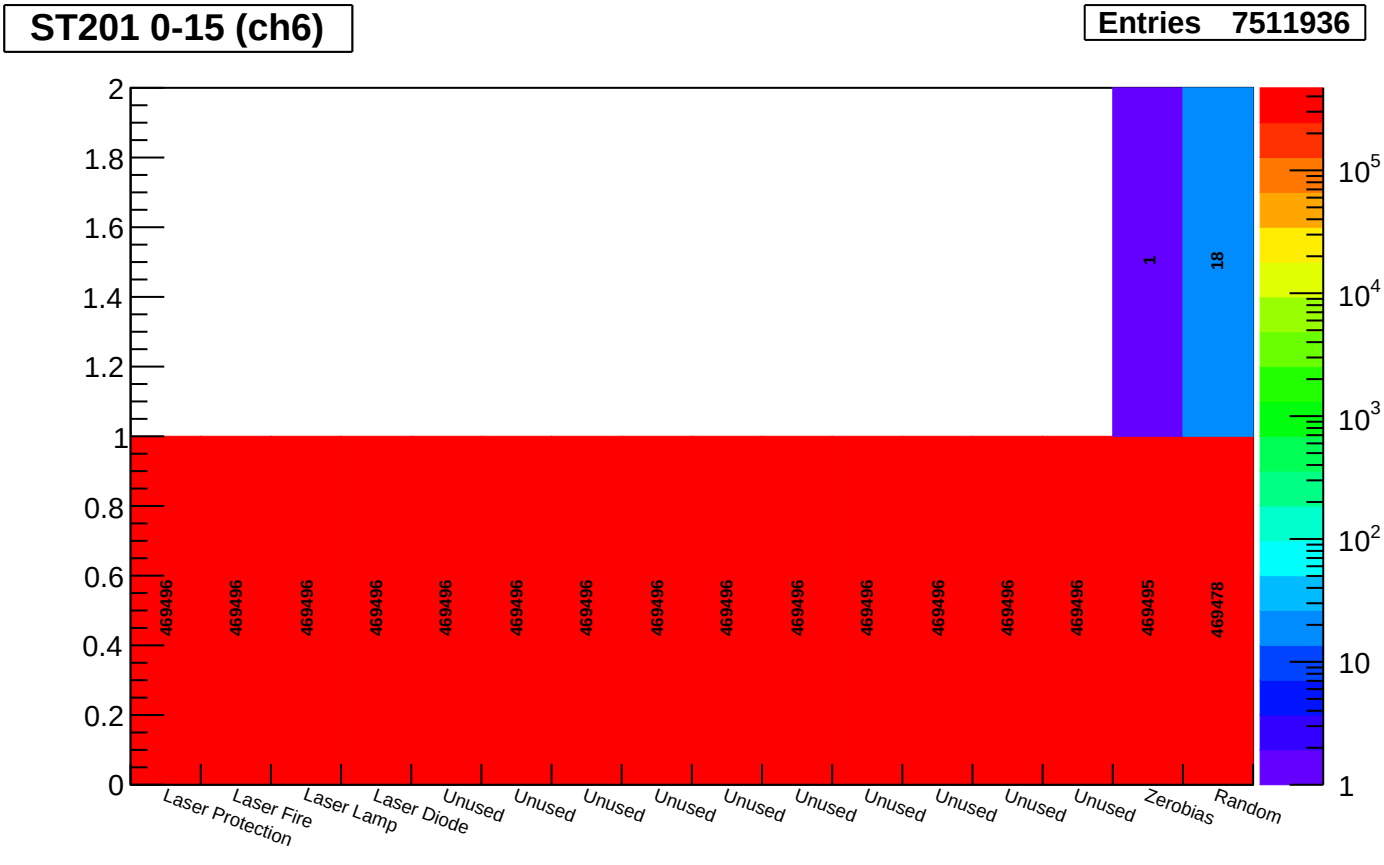

Entries 469496
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

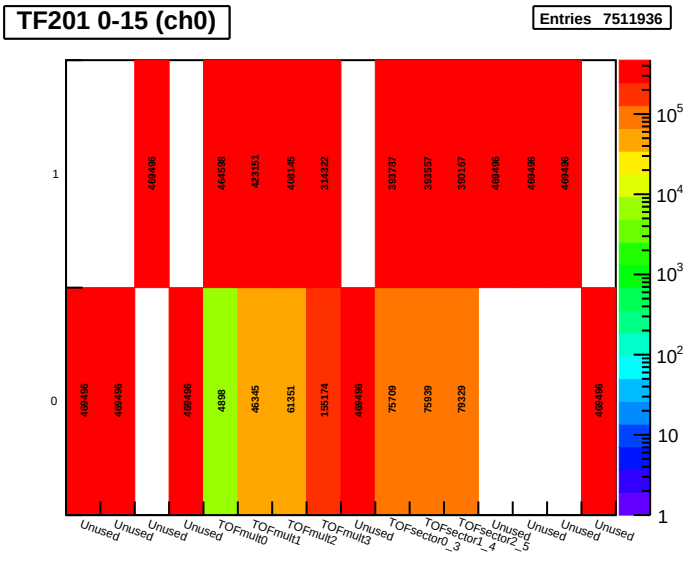

Entries 469496
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

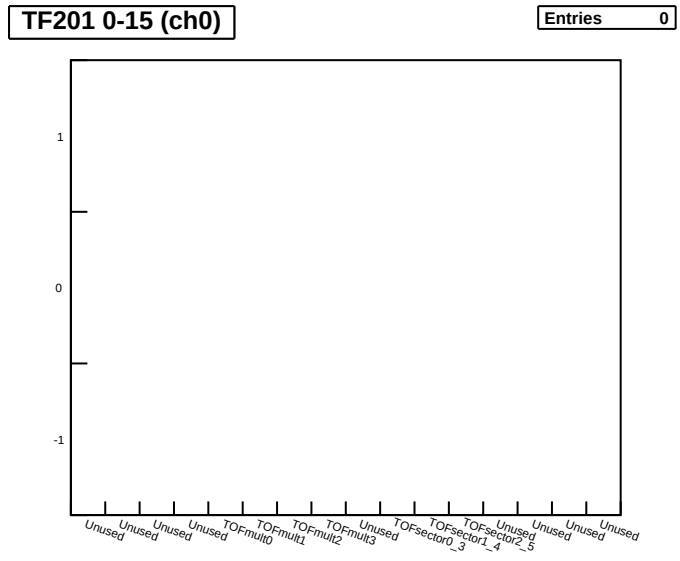

Entries 469496
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

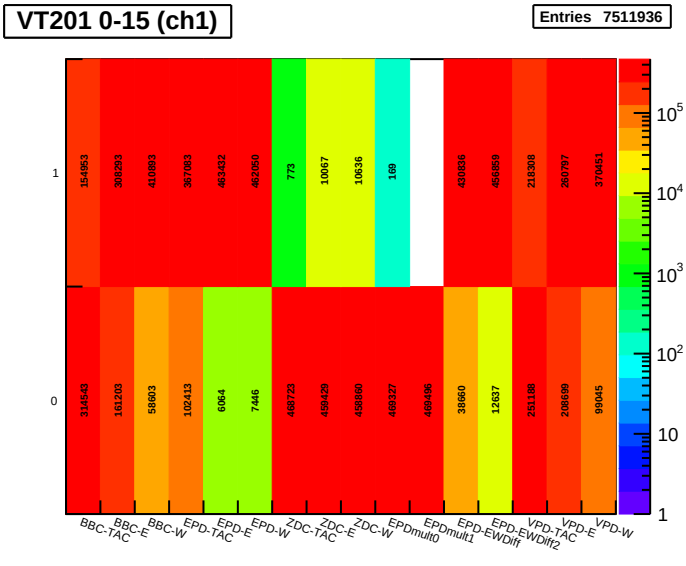

Entries 469496
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

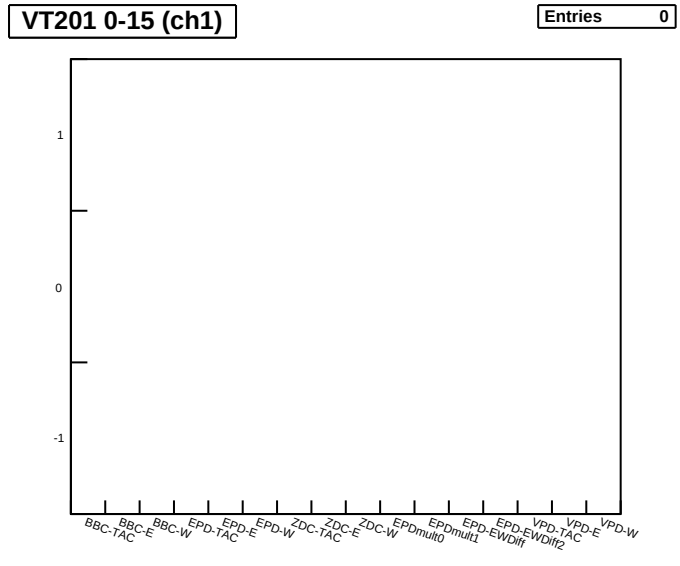

Laser Input Bits
Entries 469496
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

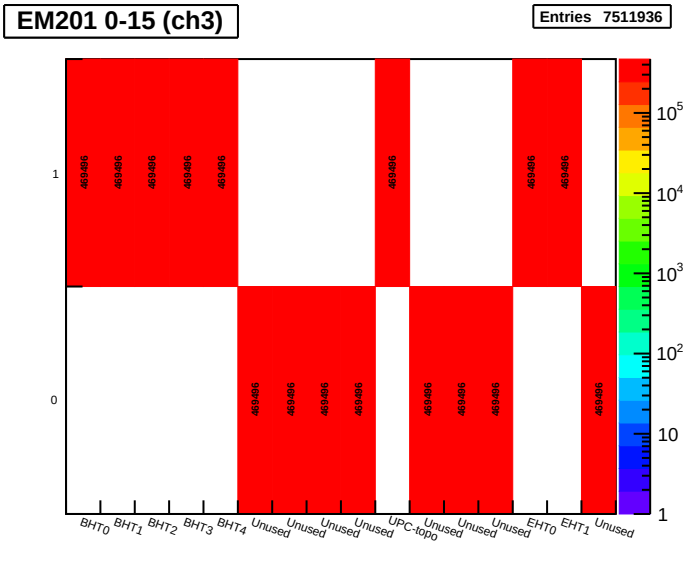

ST201 0-15 (ch6)
Entries 7511936
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
469496
469496
469496
469496
469496
469496
469496
469496
469496
469496
469496
469496
469496
469496
469495
469478
1
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

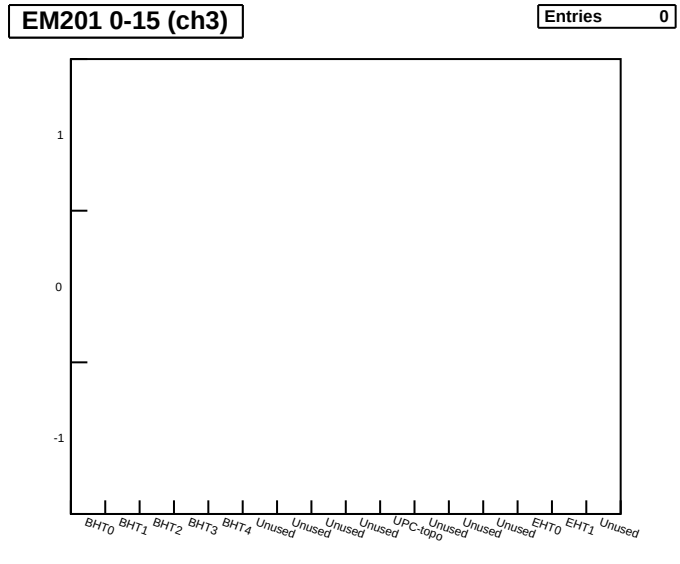

TF201 0-15 (ch0)
Entries 7511936
469496 464598 423151 468145 314322 393787 393557 390167 469496 469496 469496
469496 469496 469496 4898 46345 61351 155174 469496 75709 75939 79329 469496
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
1 0
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 7511936
154953 308293 410893 367083 463432 462050 773 10067 10636 169 430836 456859 218308 260797 370451
314543 161203 58603 102413 6064 7446 468723 459429 458860 469327 469496 38660 12637 253188 208699 99045
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
1 0
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 0
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
1 0 -1


EM201 0-15 (ch3)
Entries 7511936
469496 469496 469496 469496 469496 469496 469496 469496
469496 469496 469496 469496 469496 469496 469496 469496
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 0
10^5 10^4 10^3 10^2 10 1


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