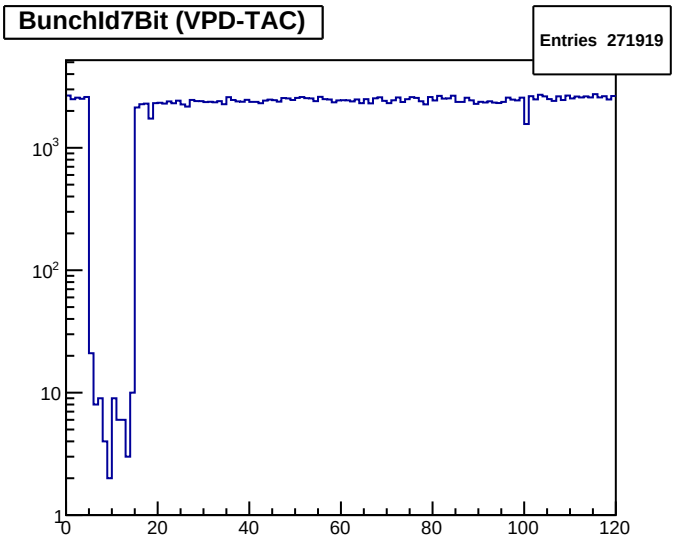
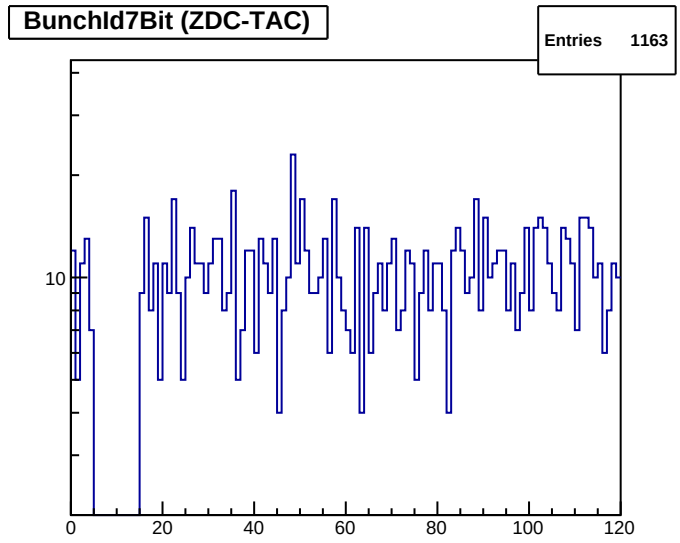
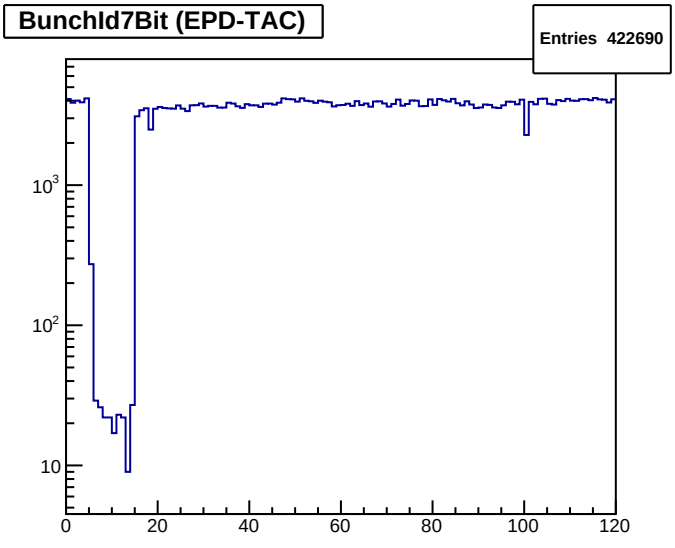
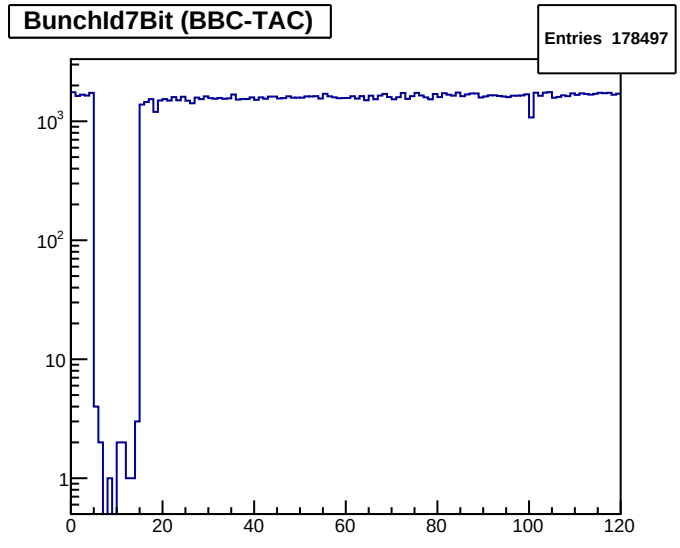
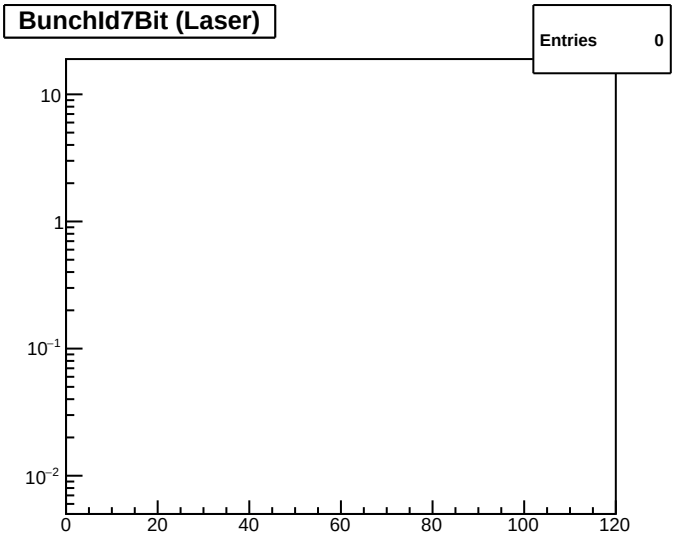
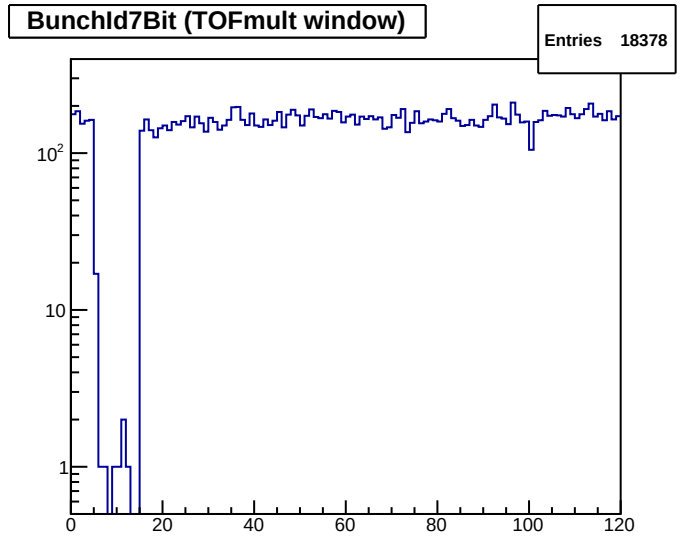

BunchId7Bit (VPD-TAC)
Entries 271919

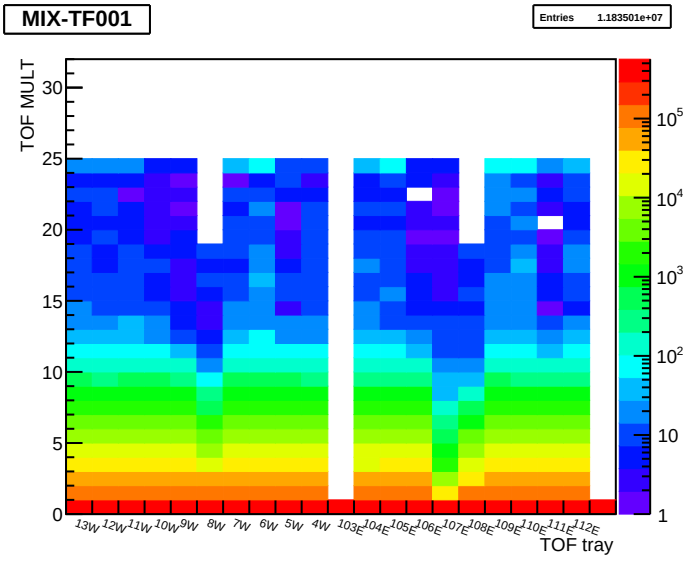

BunchId7Bit (ZDC-TAC)
Entries 1163

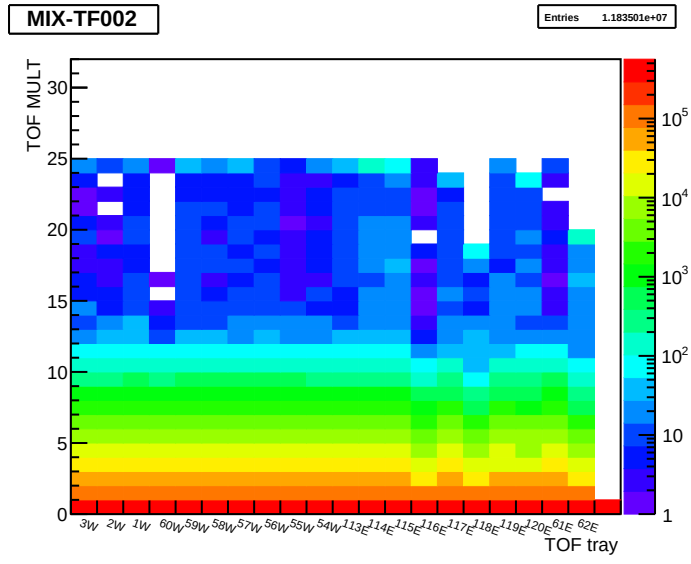

BunchId7Bit (EPD-TAC)
Entries 422690

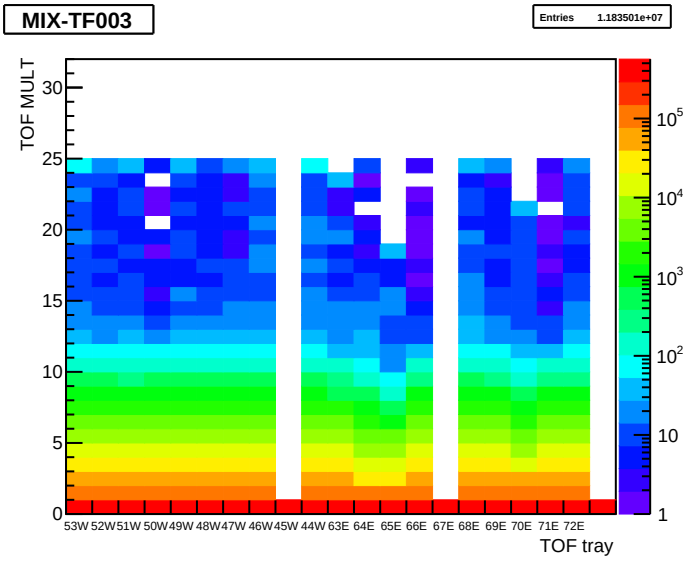

BunchId7Bit (BBC-TAC)
Entries 178497

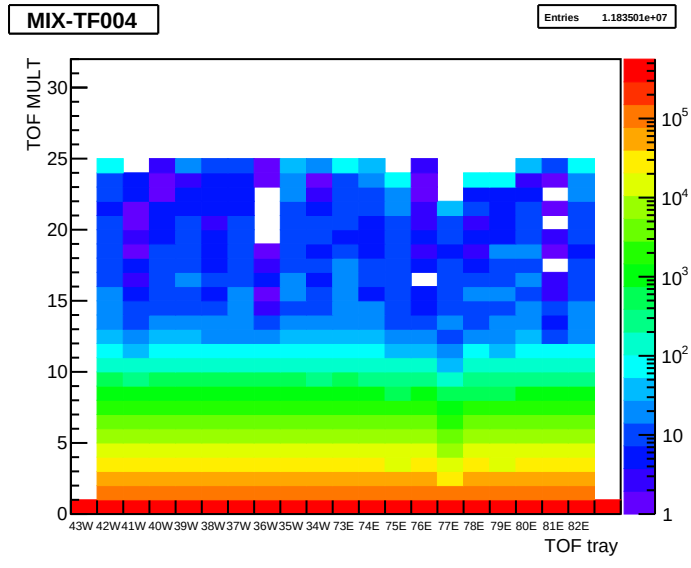

BunchId7Bit (Laser)
Entries 0

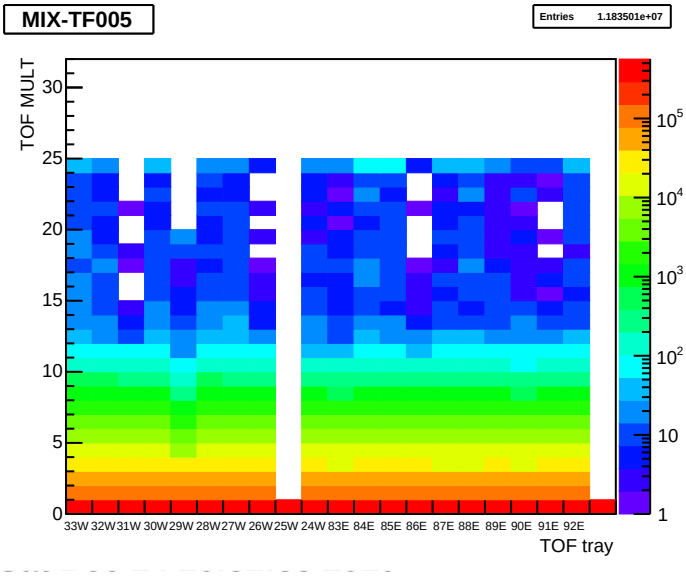

BunchId7Bit (TOFmult window)
Entries 18378

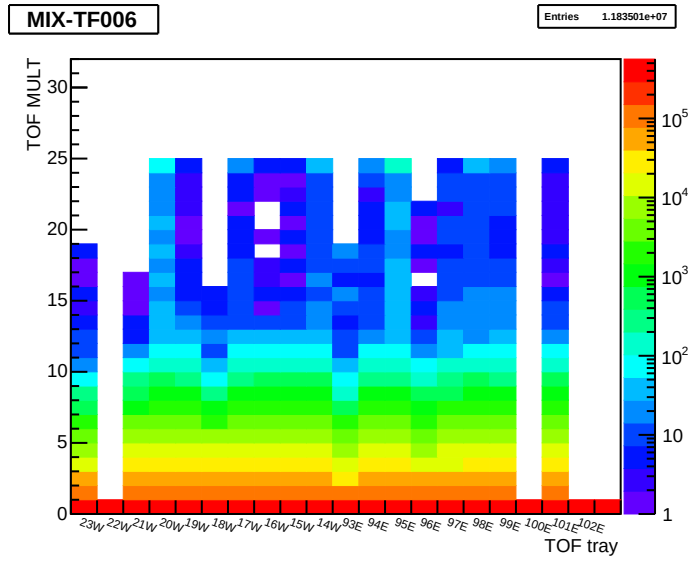

MIX-TF001
Entries 1.183501e+07
TOF MULT
TOF tray

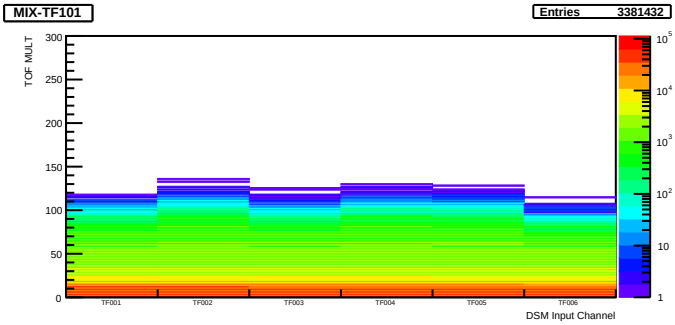

MIX-TF002
Entries 1.183501e+07
TOF MULT
TOF tray

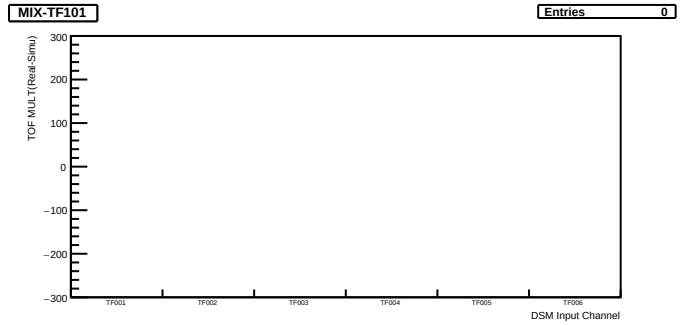

MIX-TF003
Entries 1.183501e+07
TOF MULT
TOF tray

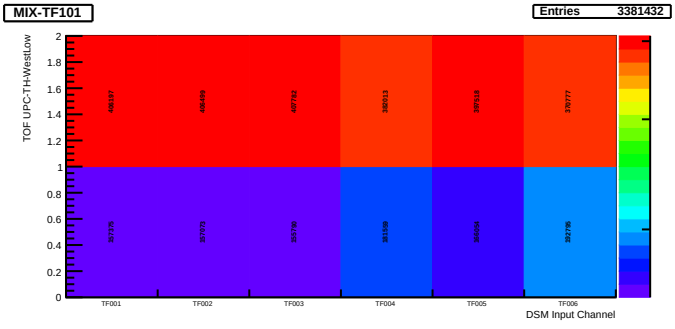

MIX-TF004
Entries 1.183501e+07
TOF MULT
TOF tray

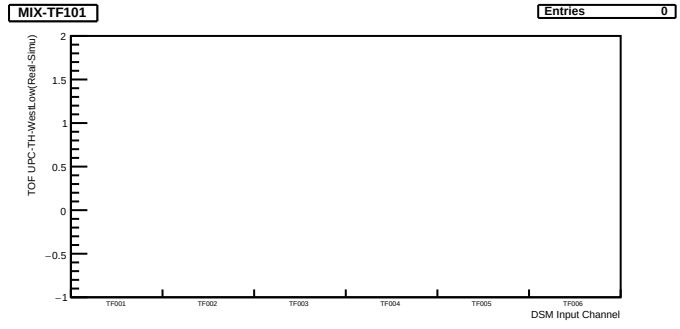

MIX-TF005
Entries 1.183501e+07
TOF MULT
TOF tray

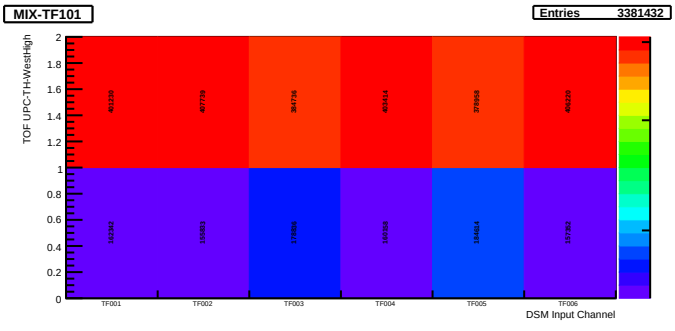

MIX-TF006
Entries 1.183501e+07
TOF MULT
TOF tray

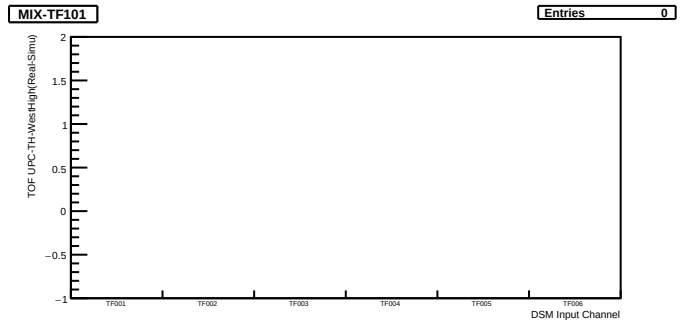

MIX-TF101
Entries 3381432
TOF MULT
DSM Input Channel

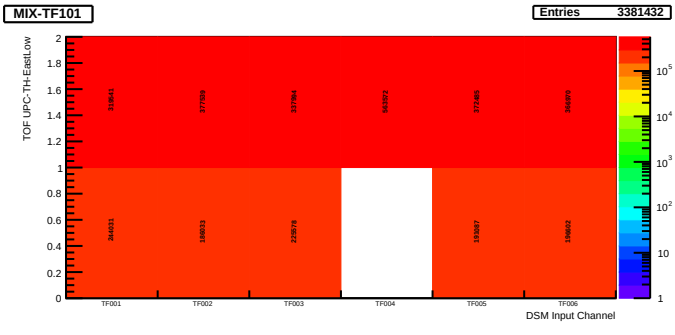

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel

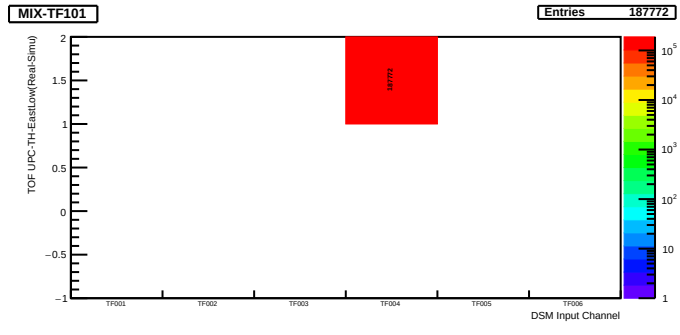

MIX-TF101
Entries 3381432
TOF UPC-TH-WestLow
DSM Input Channel

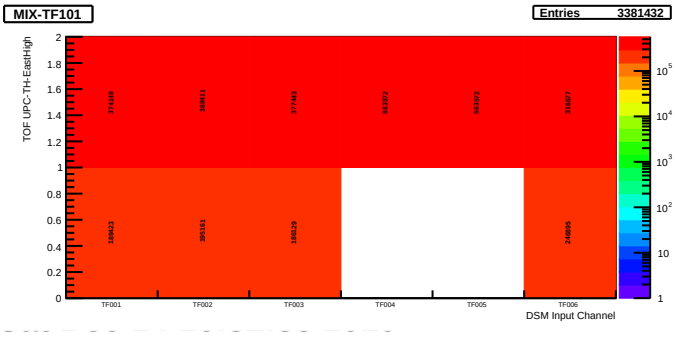

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

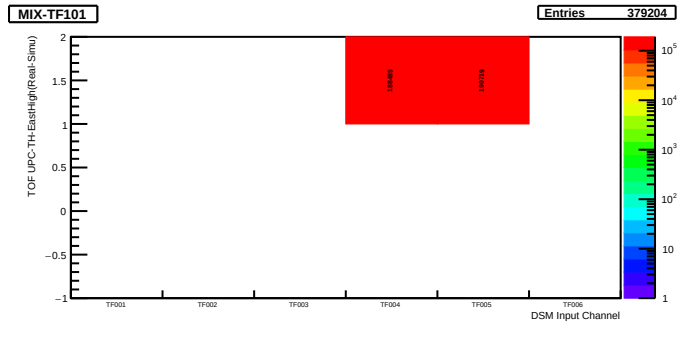

MIX-TF101
Entries 3381432
TOF UPC-TH-WestHigh
DSM Input Channel

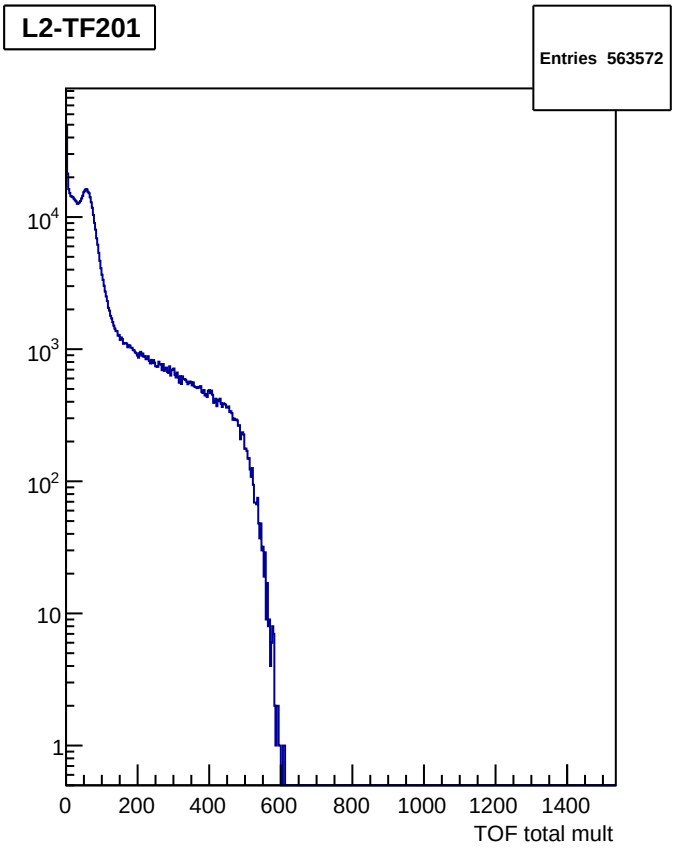

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

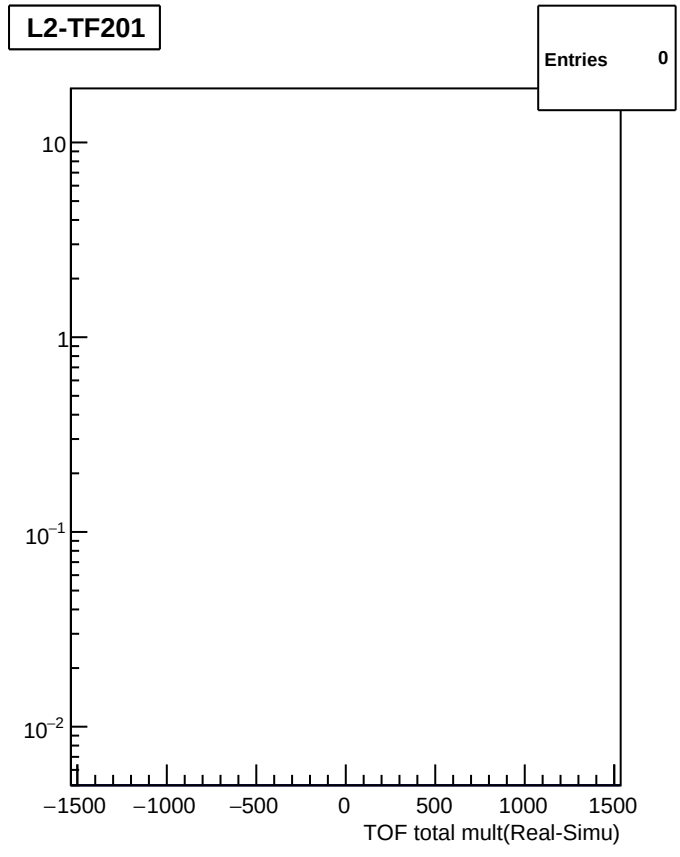

MIX-TF101
Entries 3381432
TOF UPC-TH-EastLow
DSM Input Channel

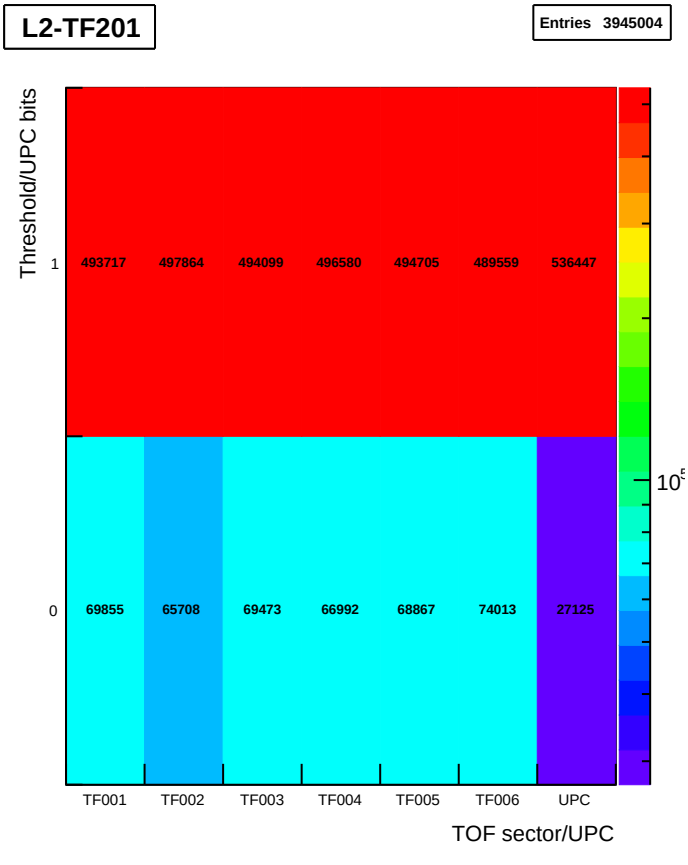

MIX-TF101
Entries 187772
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

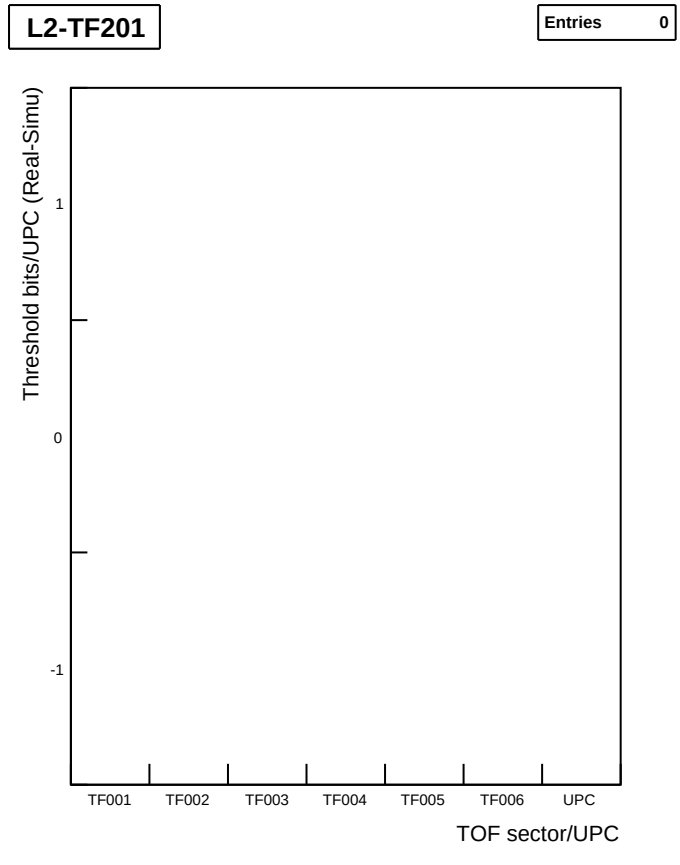

MIX-TF101
Entries 3381432
TOF UPC-TH-EastHigh
DSM Input Channel

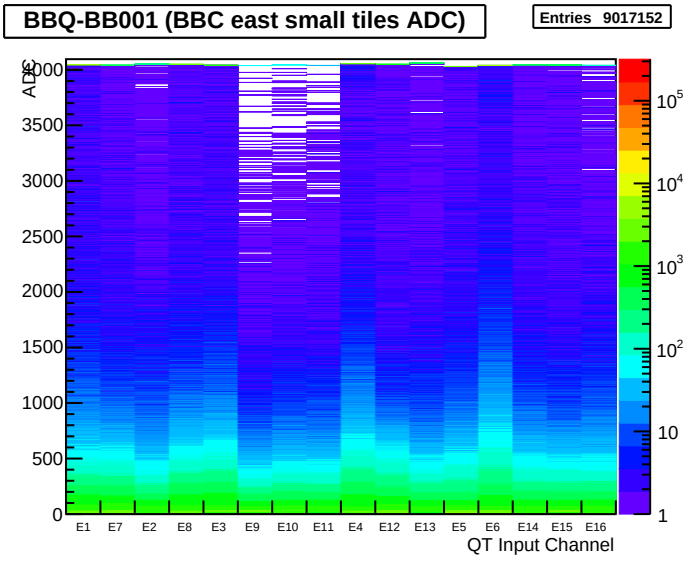

MIX-TF101
Entries 379204
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

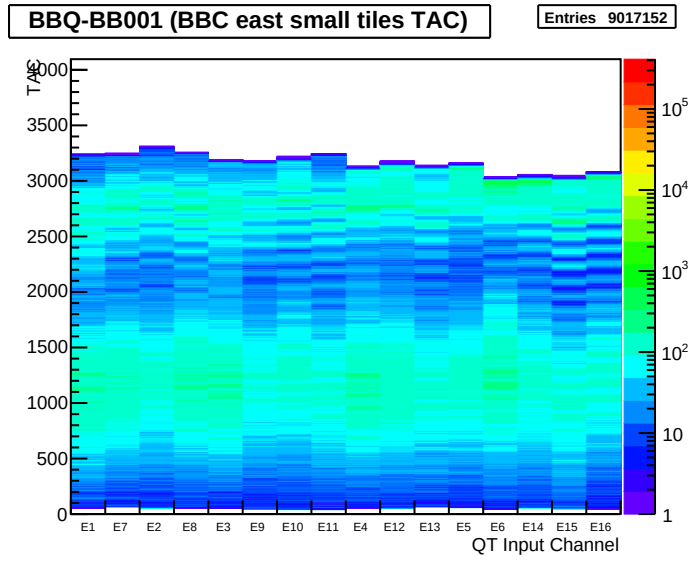

L2-TF201
Entries 563572
TOF total mult

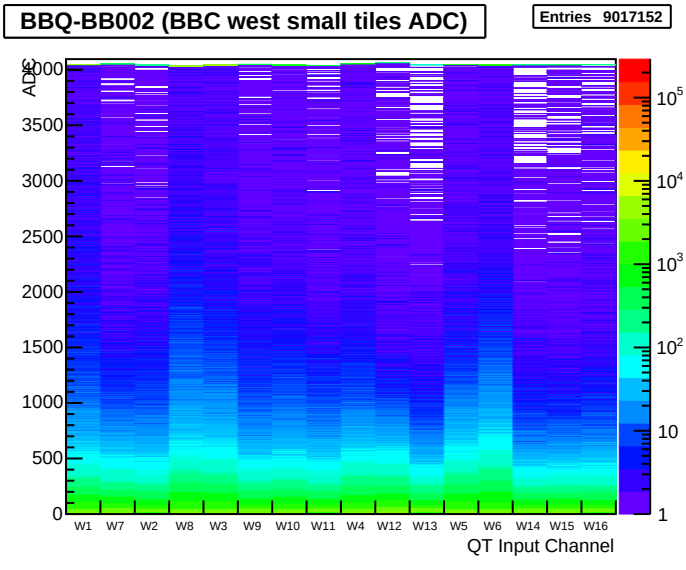

L2-TF201
Entries 0
TOF total mult(Real-Simu)

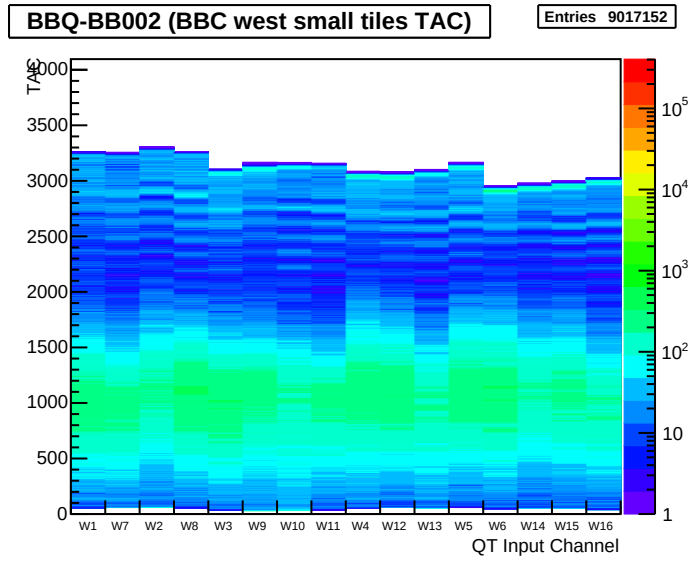

L2-TF201
Entries 3945004
Threshold/UPC bits
493717
497864
494099
496580
494705
489559
536447
69855
65708
69473
66992
68867
74013
27125
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

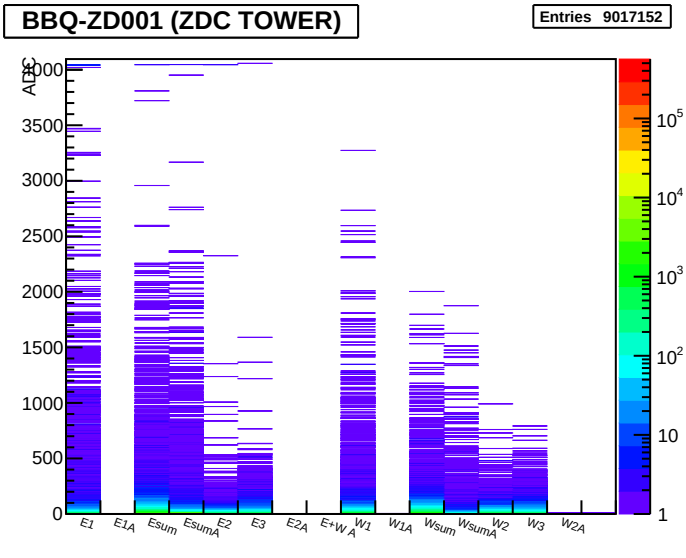

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

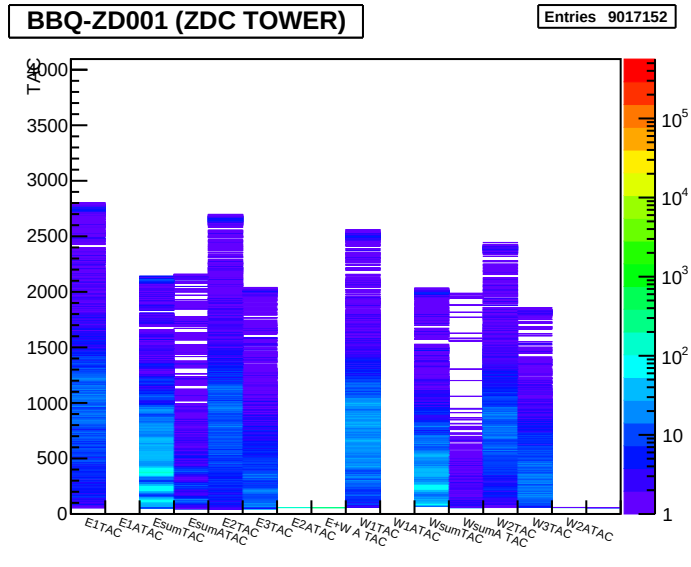

BBQ-BB001 (BBC east small tiles ADC)
Entries 9017152
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

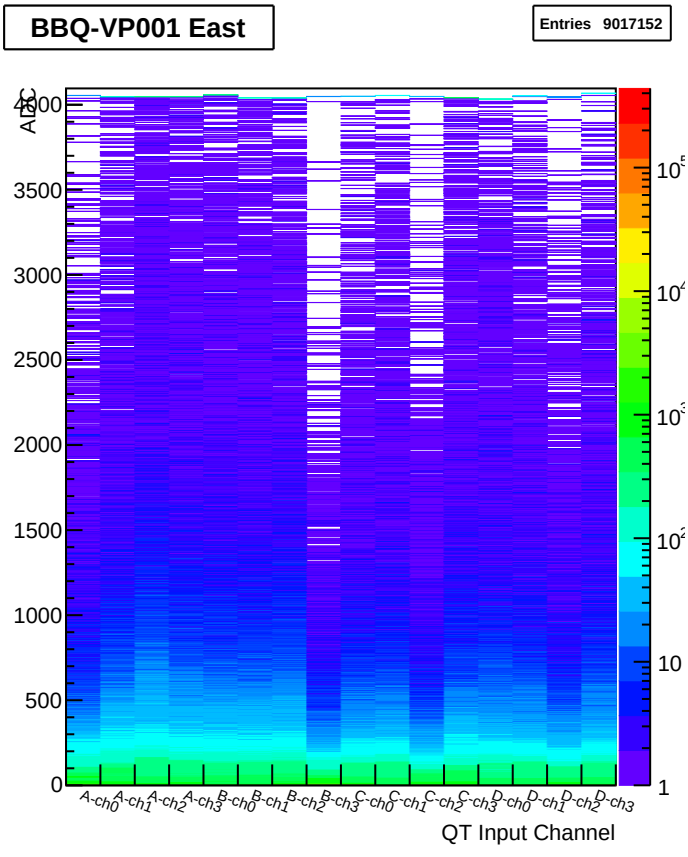

BBQ-BB001 (BBC east small tiles TAC)
Entries 9017152
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

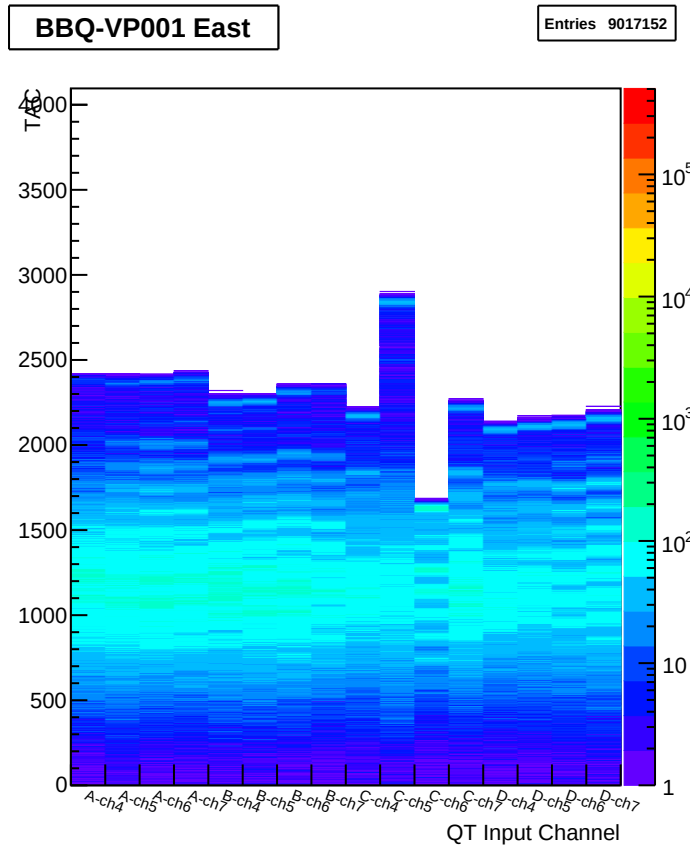

BBQ-BB002 (BBC west small tiles ADC)
Entries 9017152
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

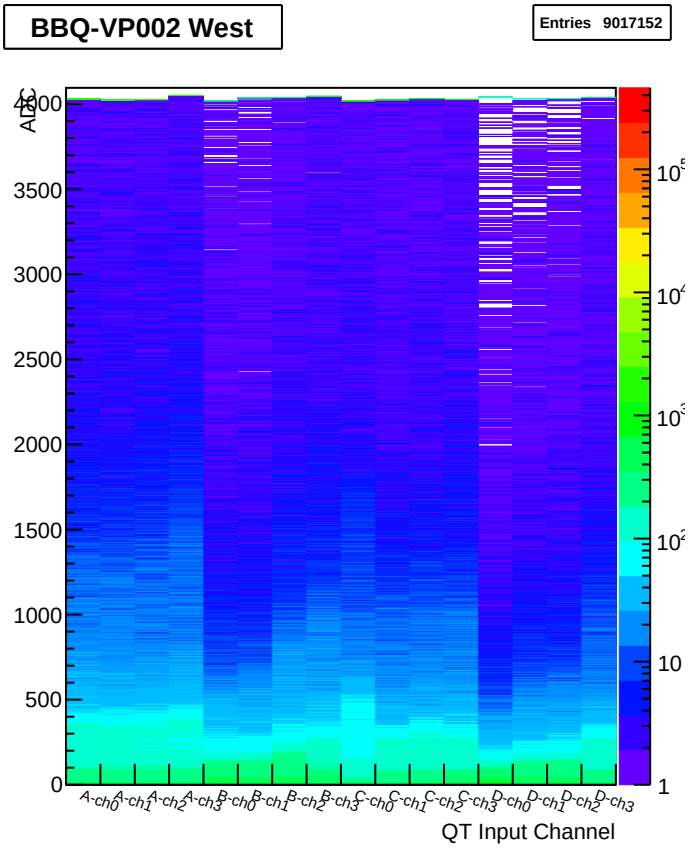

BBQ-BB002 (BBC west small tiles TAC)
Entries 9017152
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

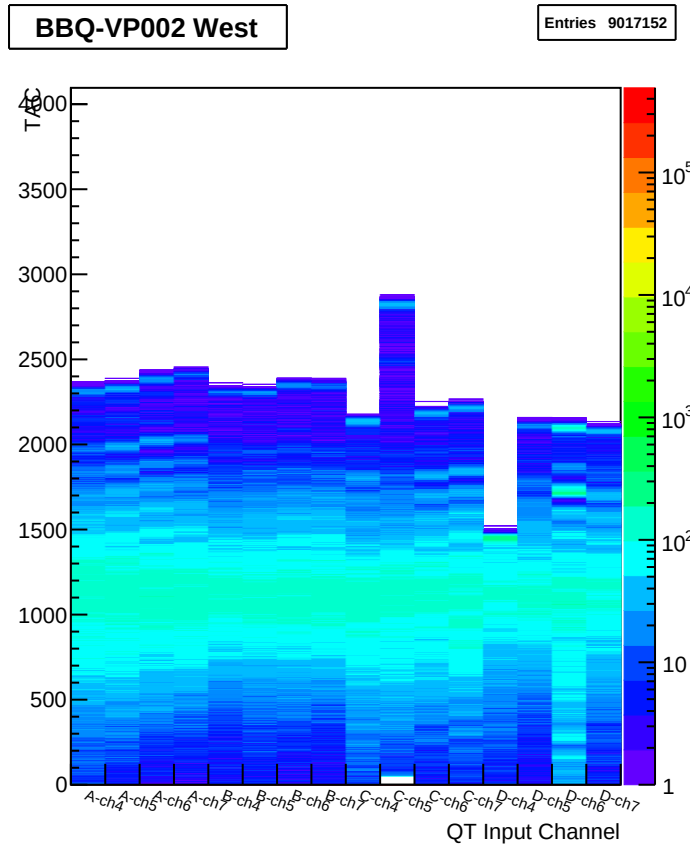

BBQ-ZD001 (ZDC TOWER)
Entries 9017152
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

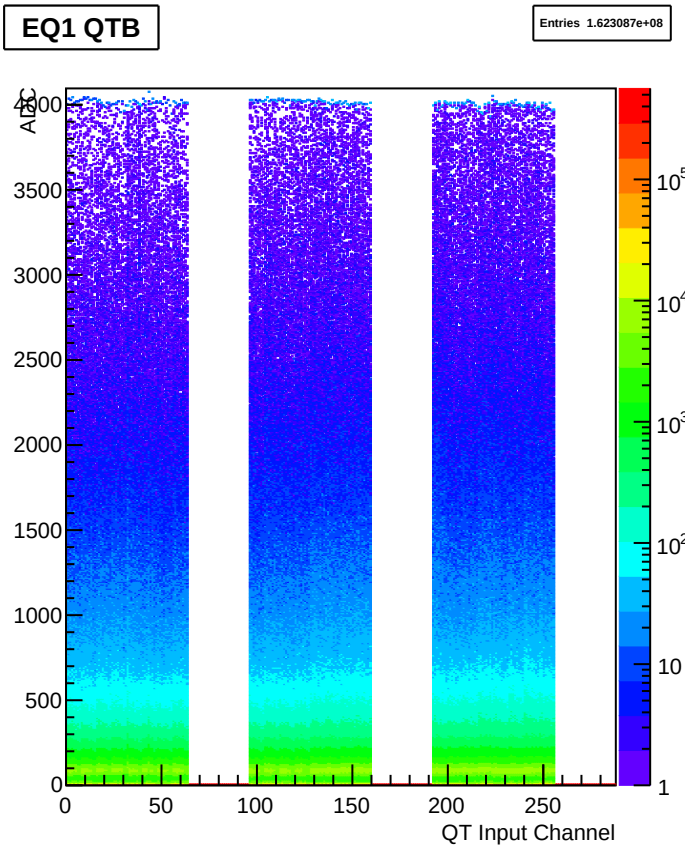

BBQ-ZD001 (ZDC TOWER)
Entries 9017152
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

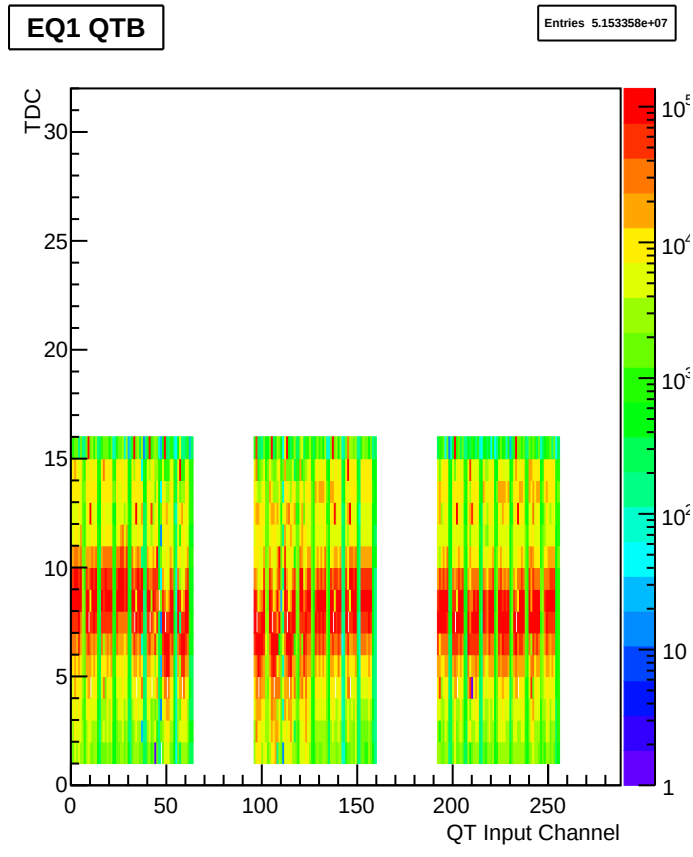

BBQ-VP001 East
Entries 9017152
ADC
QT Input Channel

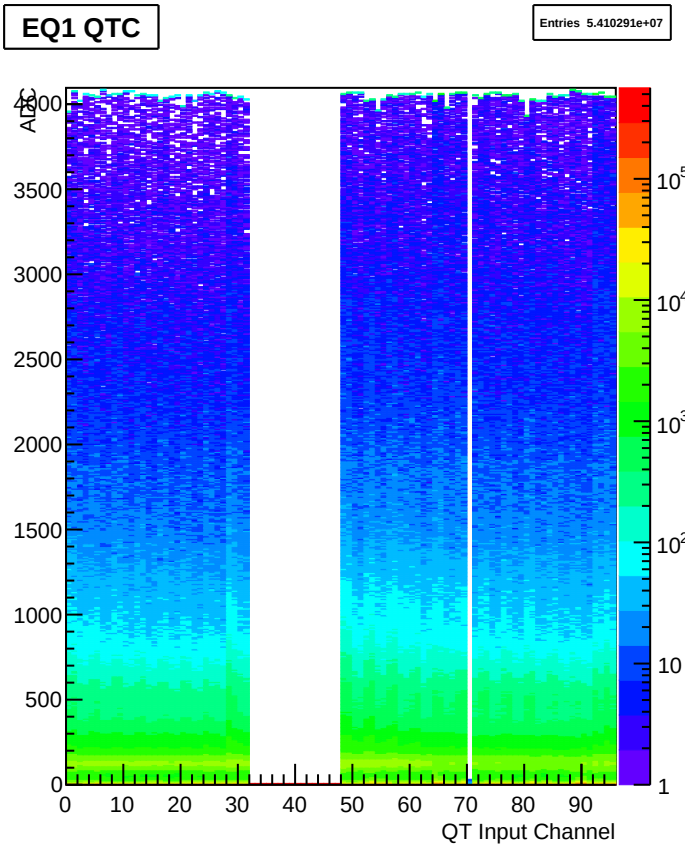

BBQ-VP001 East
Entries 9017152
TADC
QT Input Channel

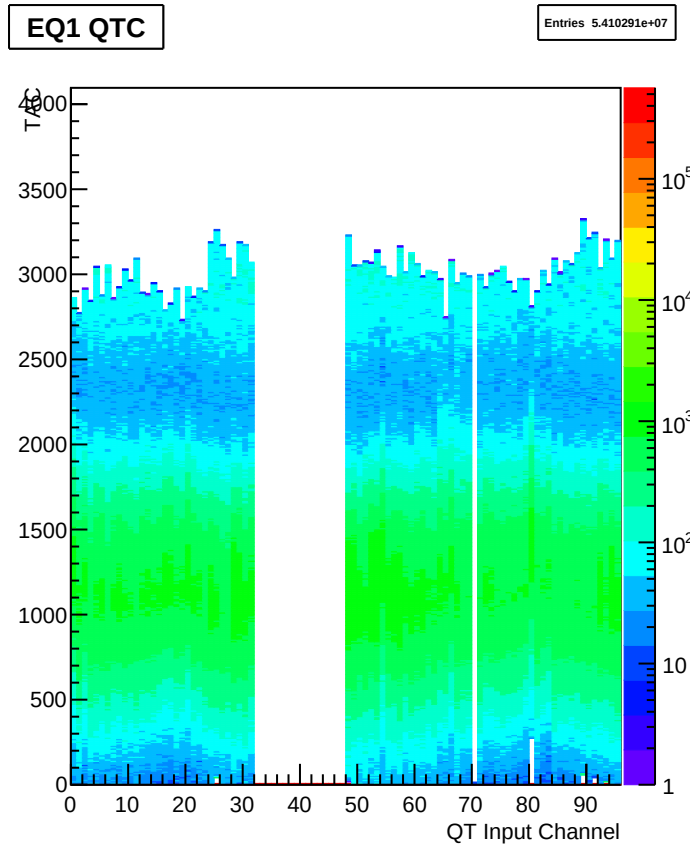

BBQ-VP002 West
Entries 9017152
ADC
QT Input Channel

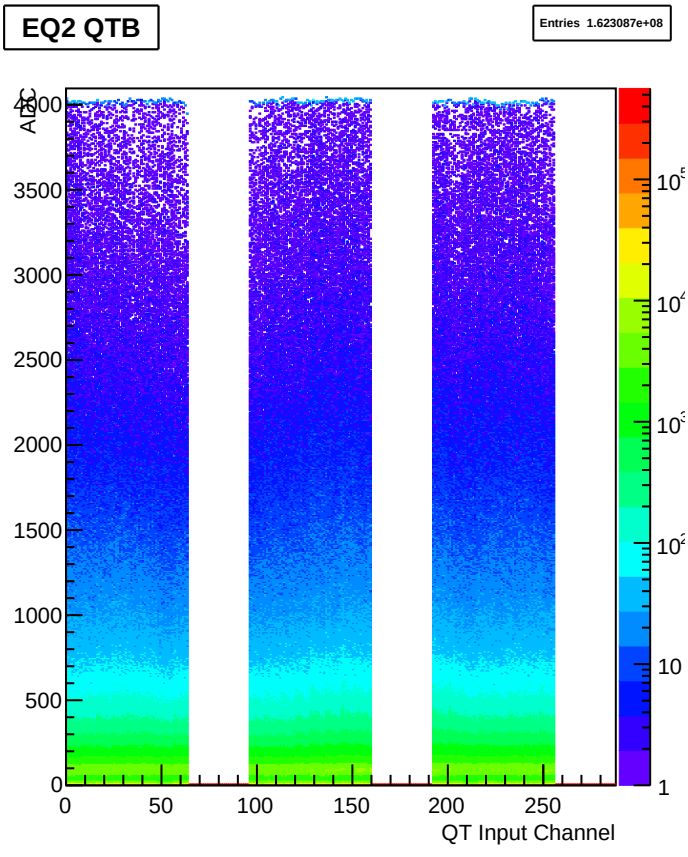

BBQ-VP002 West
Entries 9017152
TADC
QT Input Channel

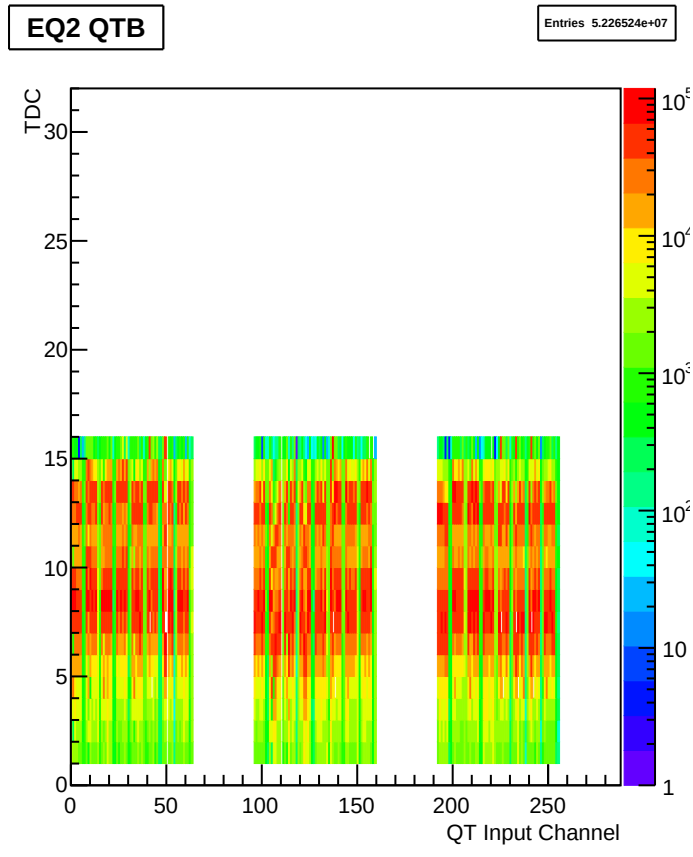

EQ1 QTB
Entries 1.623087e+08
ADC
QT Input Channel

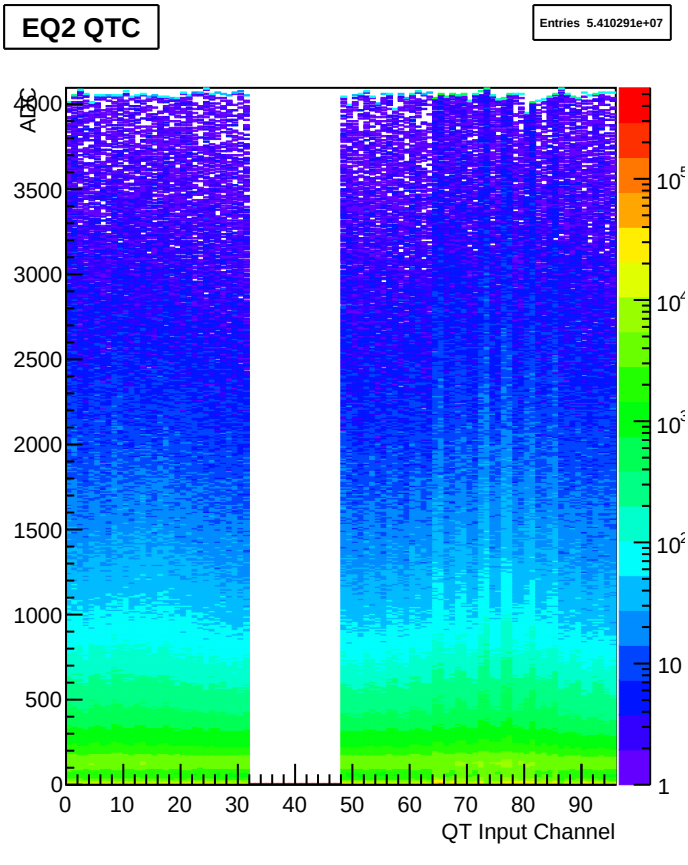

EQ1 QTB
Entries 5.153358e+07
TDC
QT Input Channel

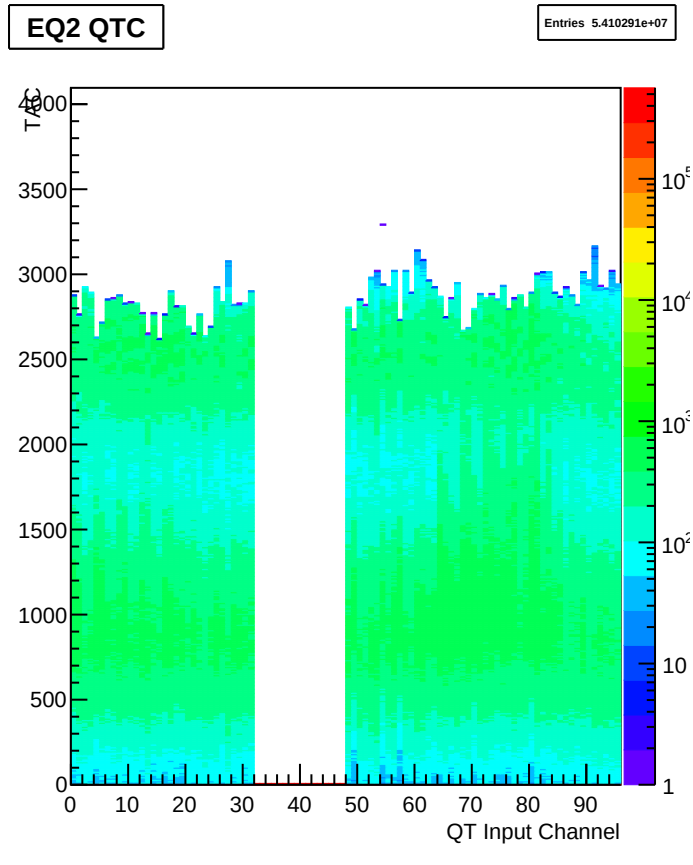

EQ1 QTC
Entries 5.410291e+07
ADC
QT Input Channel

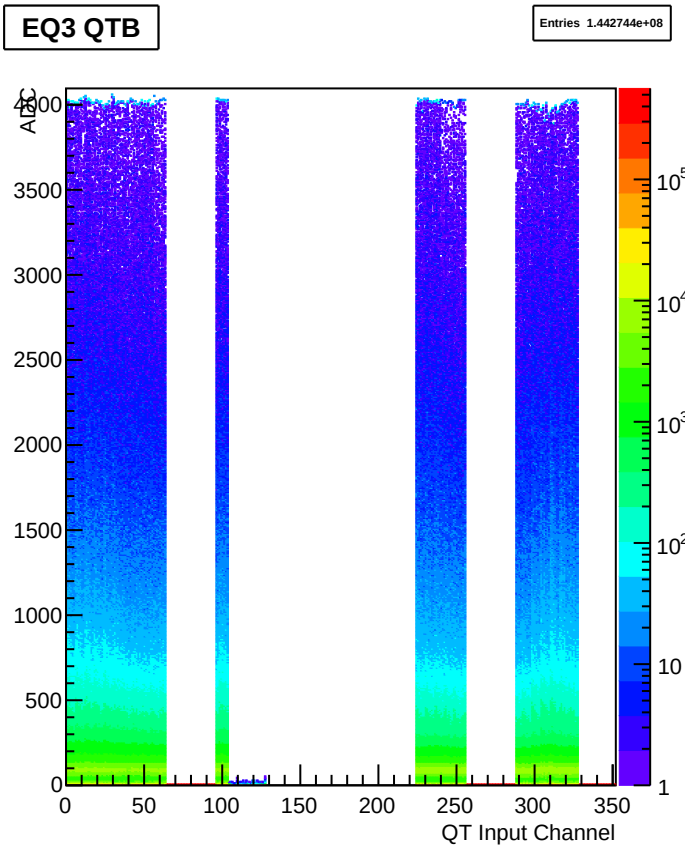

EQ1 QTC
Entries 5.410291e+07
TADC
QT Input Channel

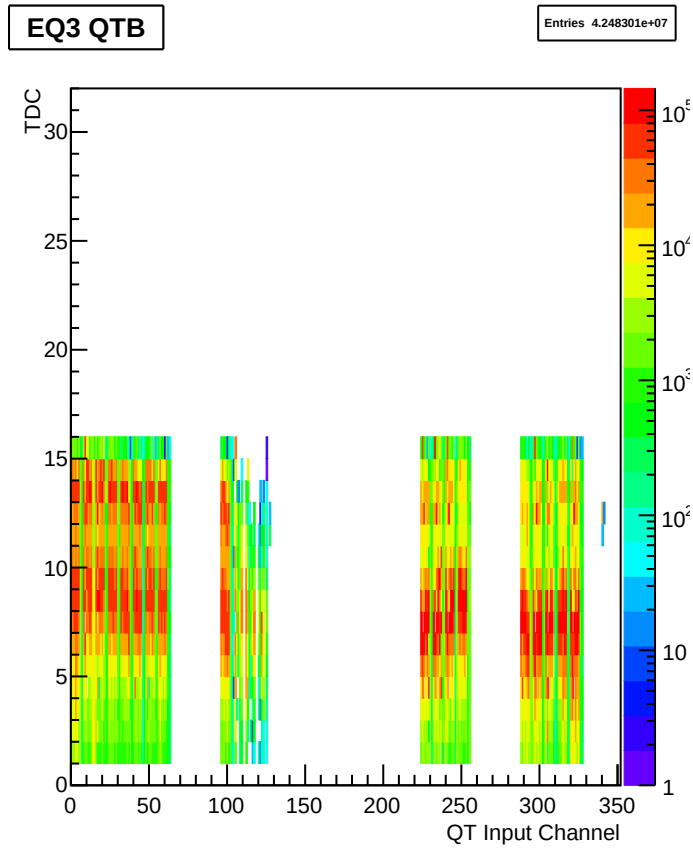

EQ2 QTB
Entries 1.623087e+08
ADC
QT Input Channel

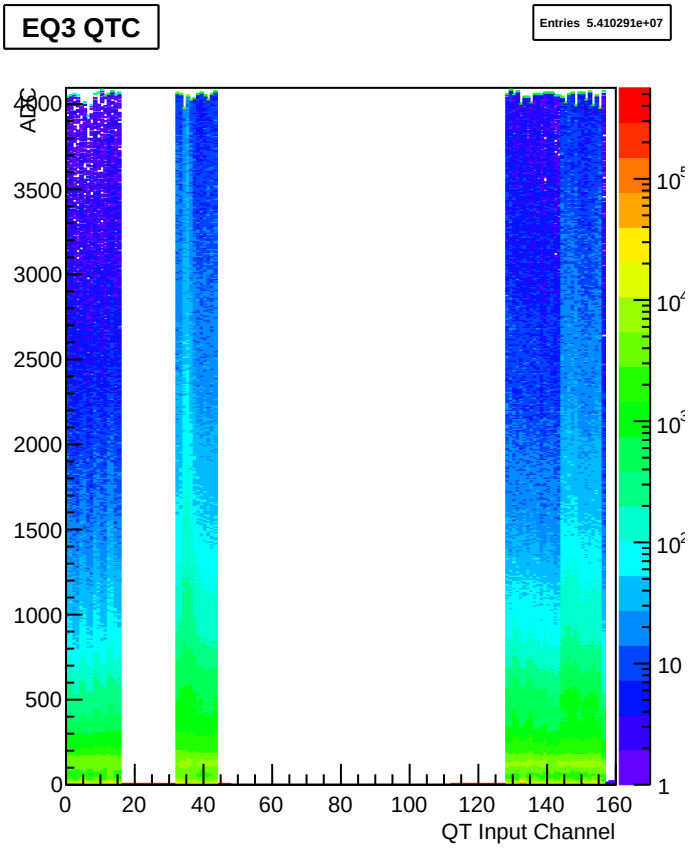

EQ2 QTB
Entries 5.226524e+07
TDC
QT Input Channel

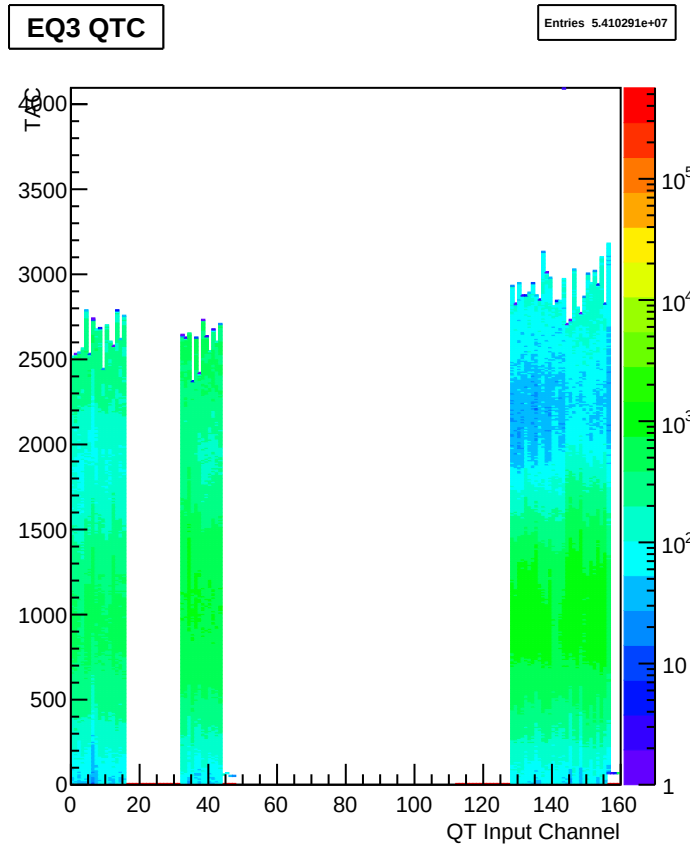

EQ2 QTC
Entries 5.410291e+07
ADC
QT Input Channel

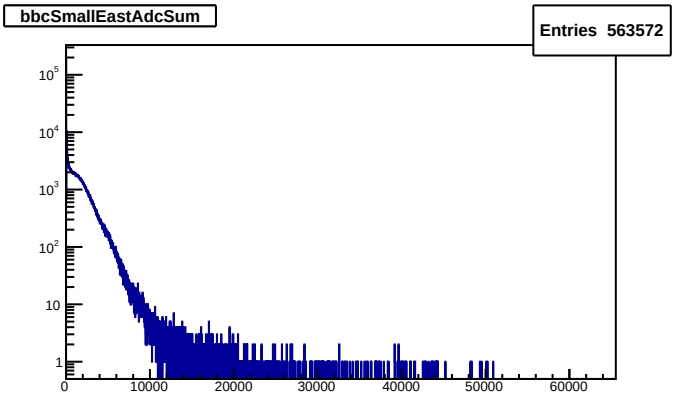

EQ2 QTC
Entries 5.410291e+07
TADC
QT Input Channel

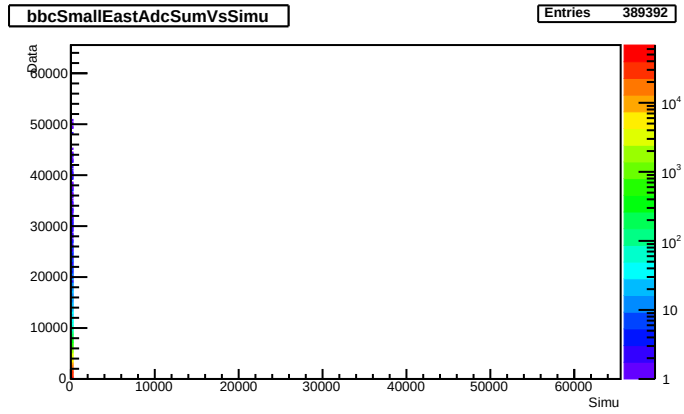

EQ3 QTB
Entries 1.442744e+08
ADC
QT Input Channel

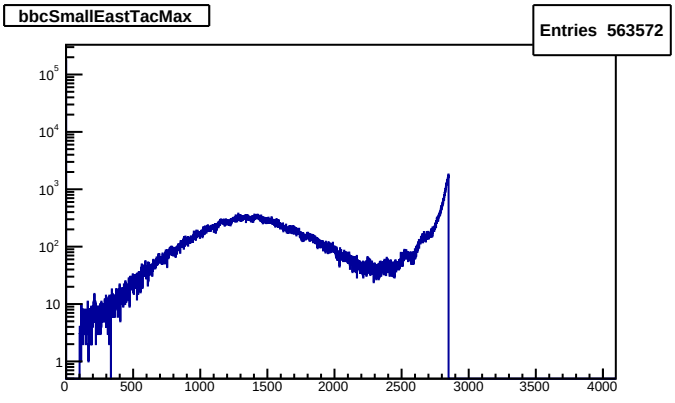

EQ3 QTB
Entries 4.248301e+07
TDC
QT Input Channel

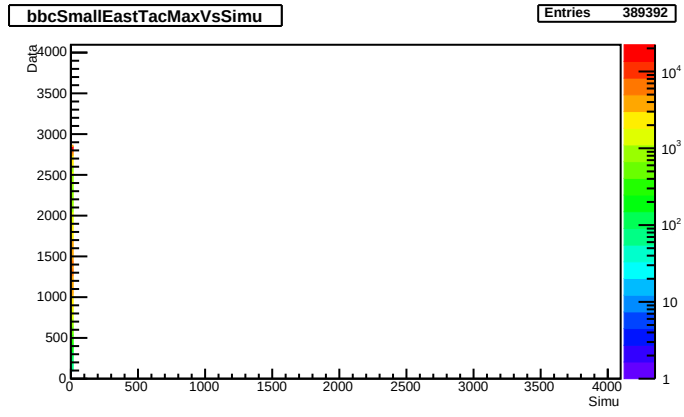

EQ3 QTC
Entries 5.410291e+07
ADC
QT Input Channel

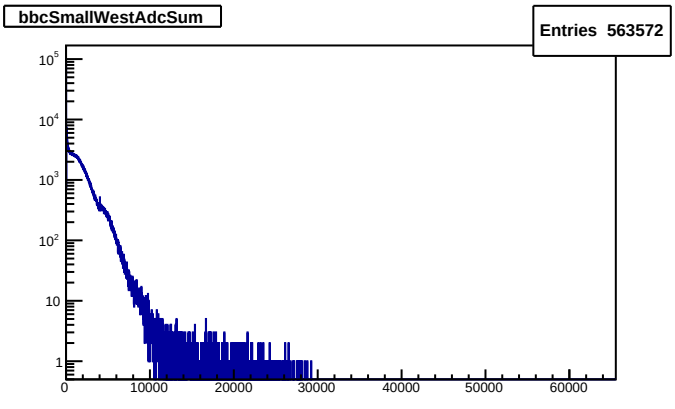

EQ3 QTC
Entries 5.410291e+07
TADC
QT Input Channel

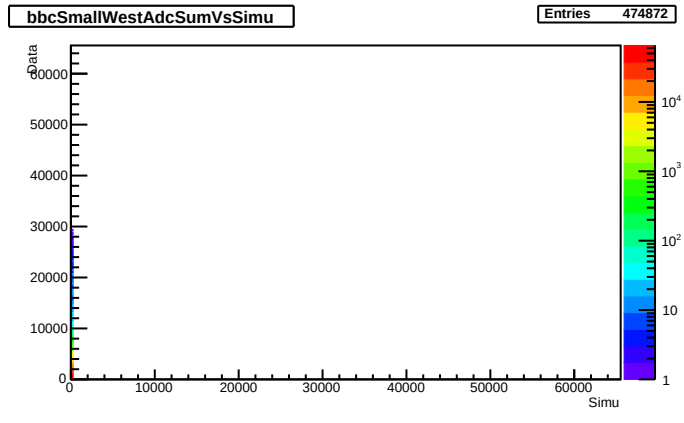

bbcSmallEastAdcSum
Entries 563572

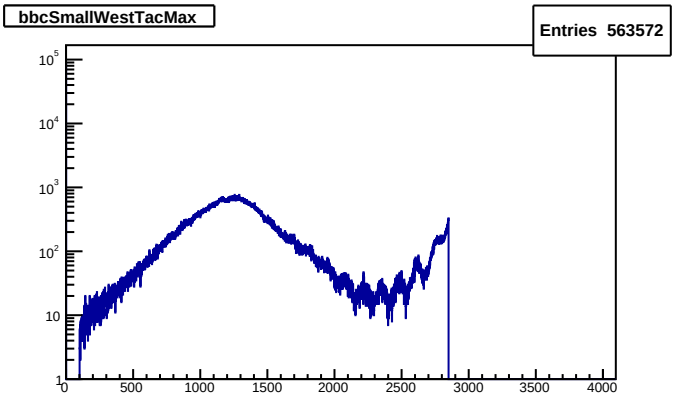

bbcSmallEastAdcSumVsSimu
Entries 389392
Data
Simu

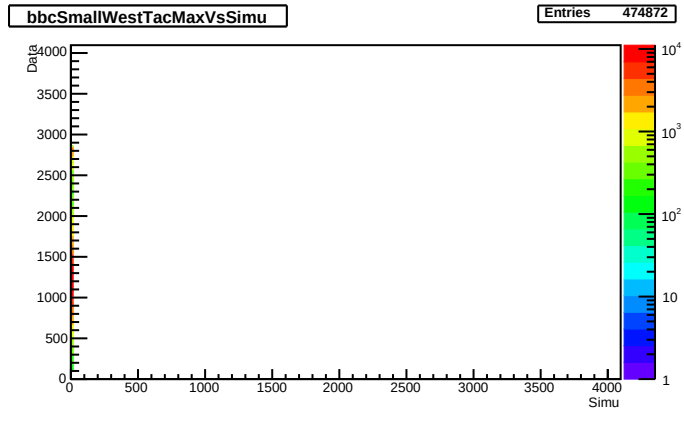

bbcSmallEastTacMax
Entries 563572

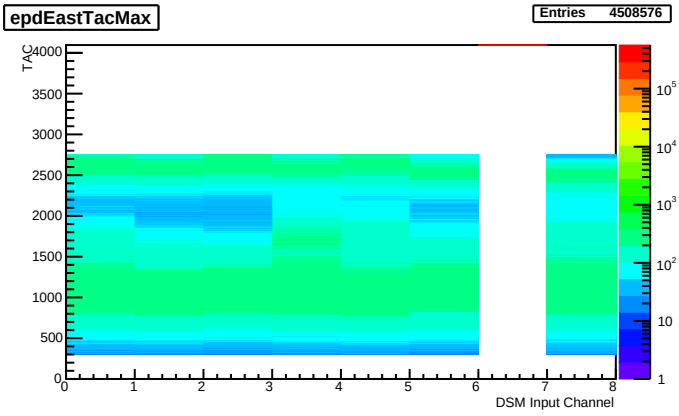

bbcSmallEastTacMaxVsSimu
Entries 389392
Data
Simu

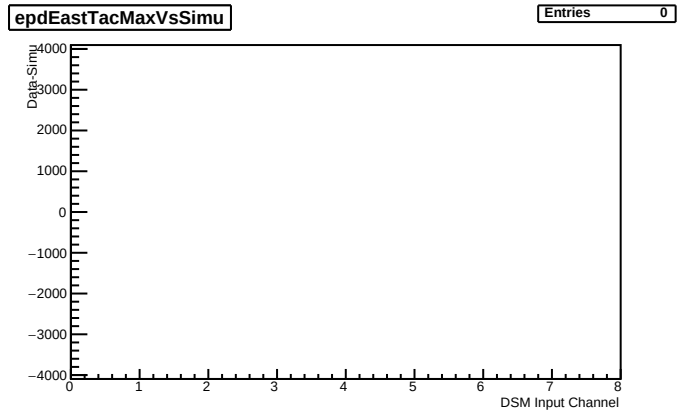

bbcSmallWestAdcSum
Entries 563572

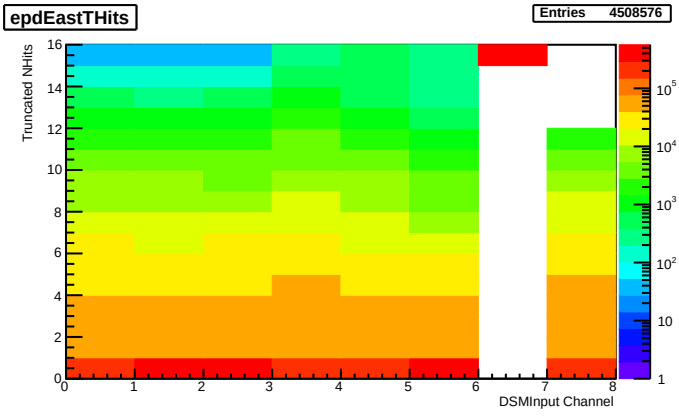

bbcSmallWestAdcSumVsSimu
Entries 474872
Data
Simu

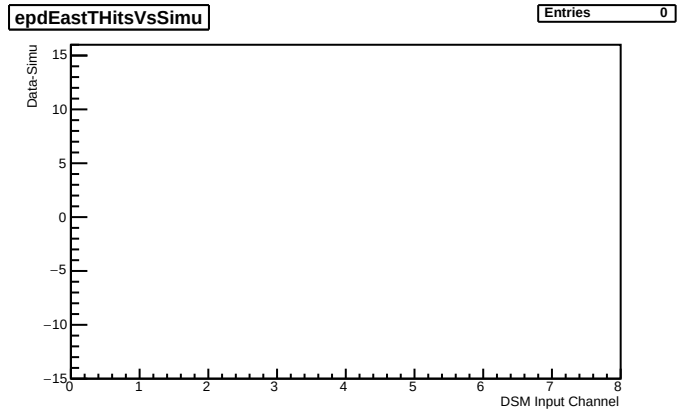

bbcSmallWestTacMax
Entries 563572

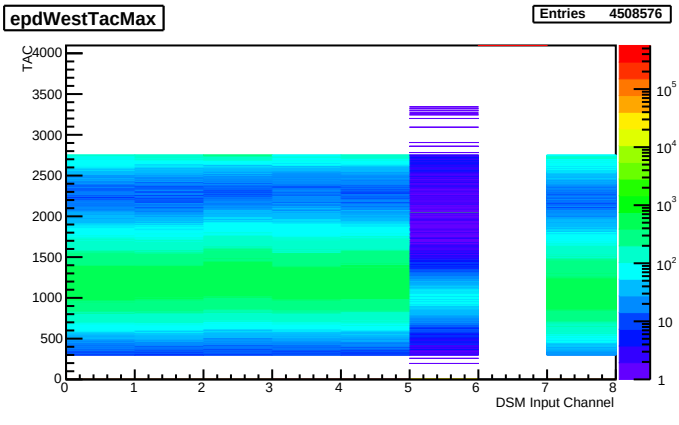

bbcSmallWestTacMaxVsSimu
Entries 474872
Data
Simu

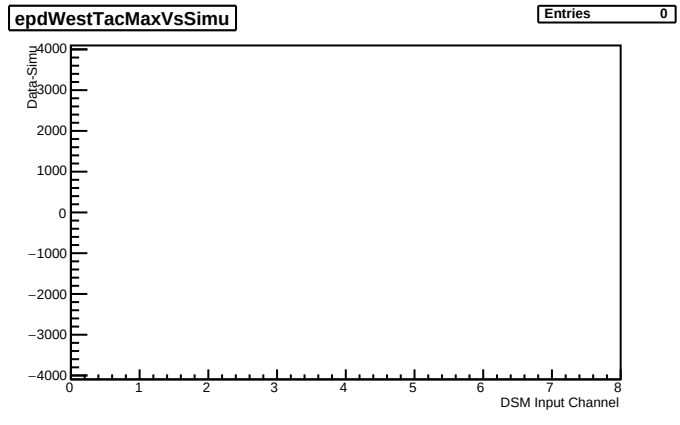

epdEastTacMax
Entries 4508576
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4508576
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4508576
TAC
DSM Input Channel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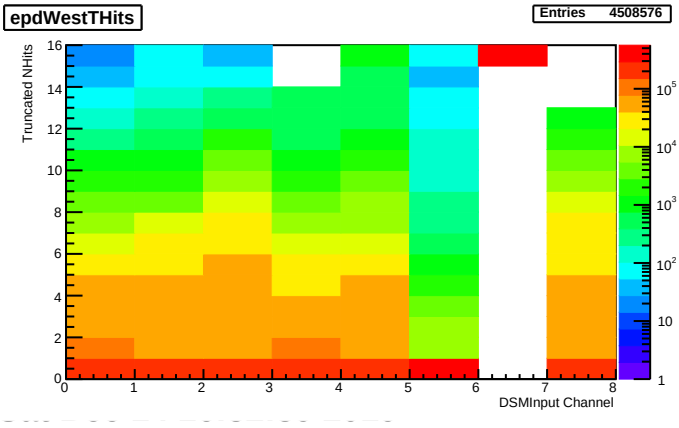
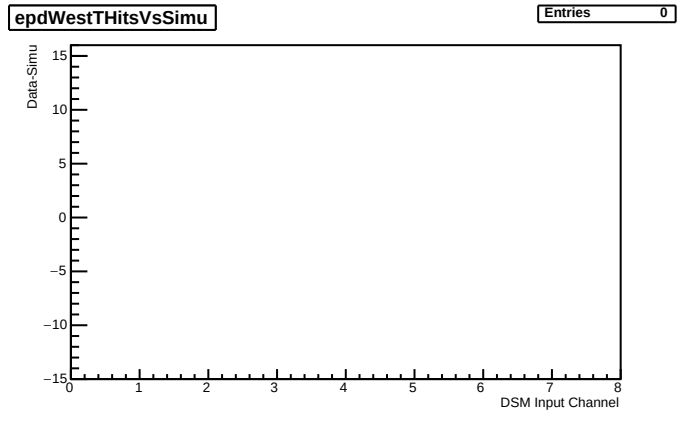
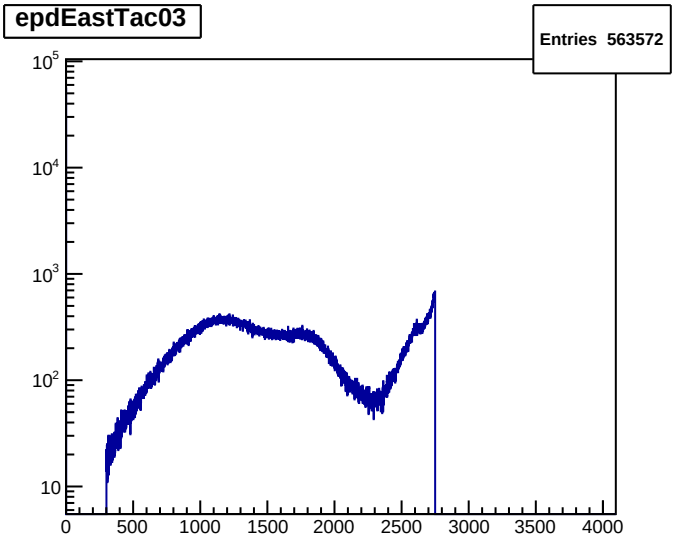
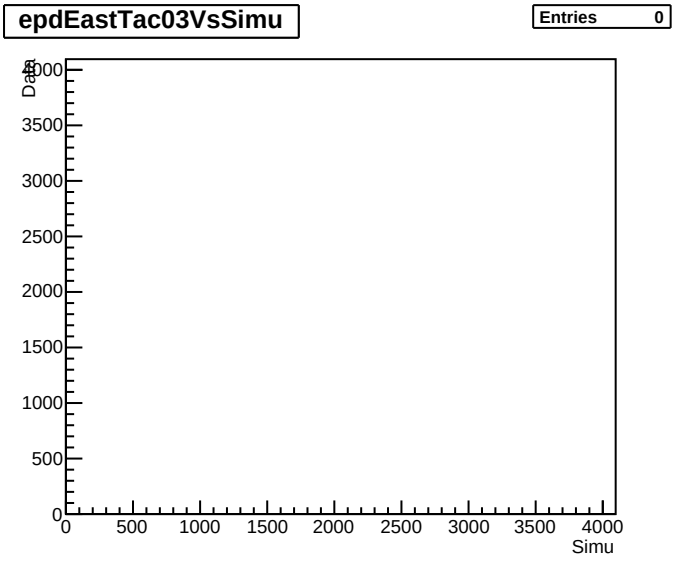
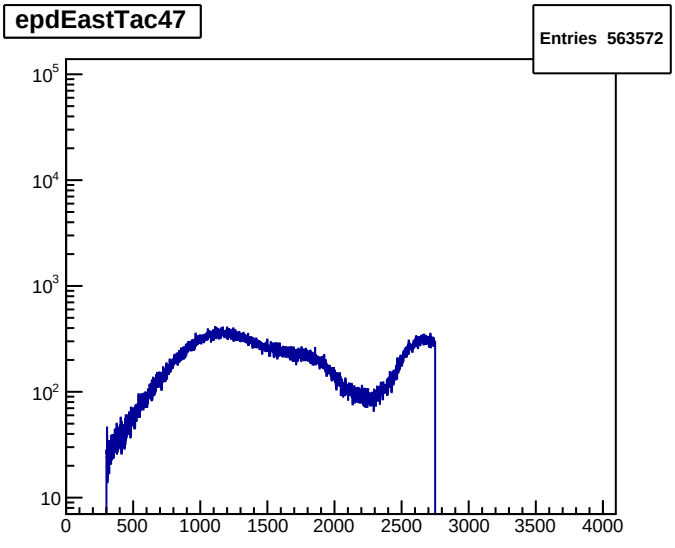
Entries 0
Data-Simu
DSM Input Channel

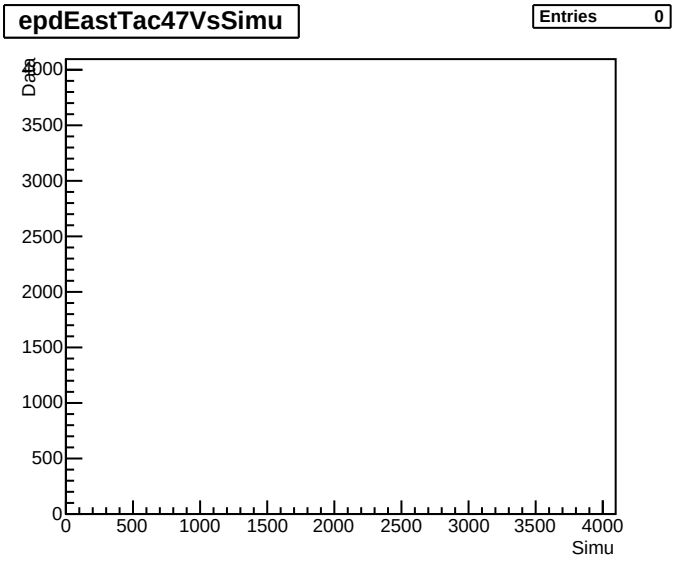

epdWestTHits
Entries 4508576
Truncated NHits
DSMInput Channel

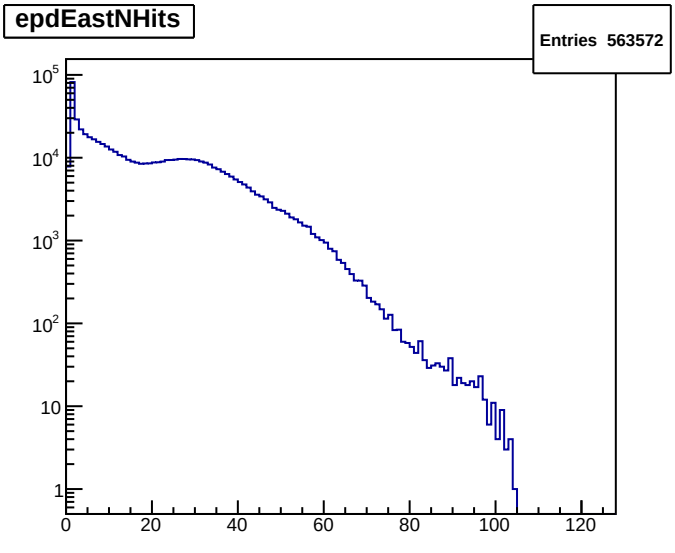

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

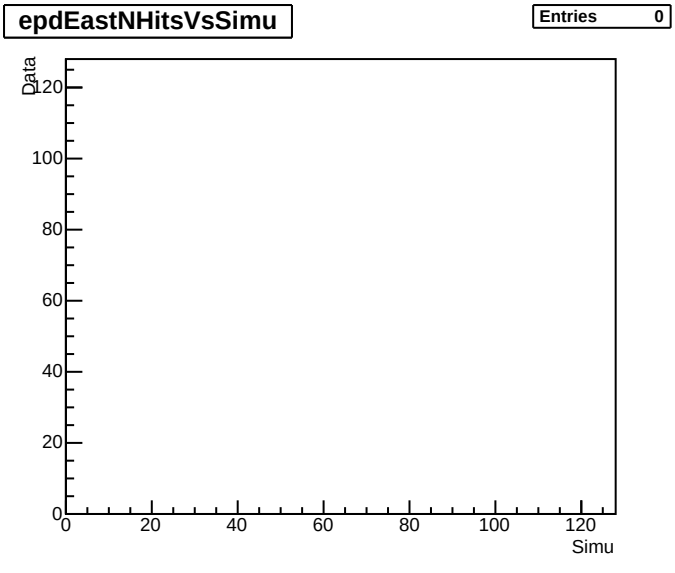

epdEastTac03
Entries 563572

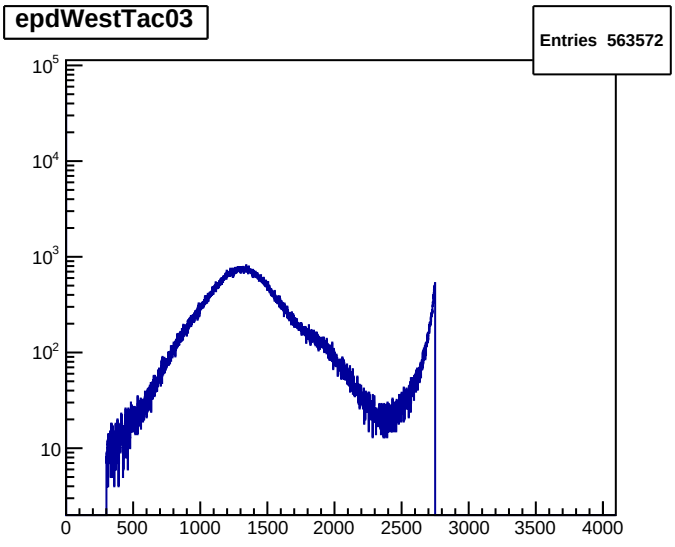

epdEastTac03VsSimu
Entries 0
Data
Simu

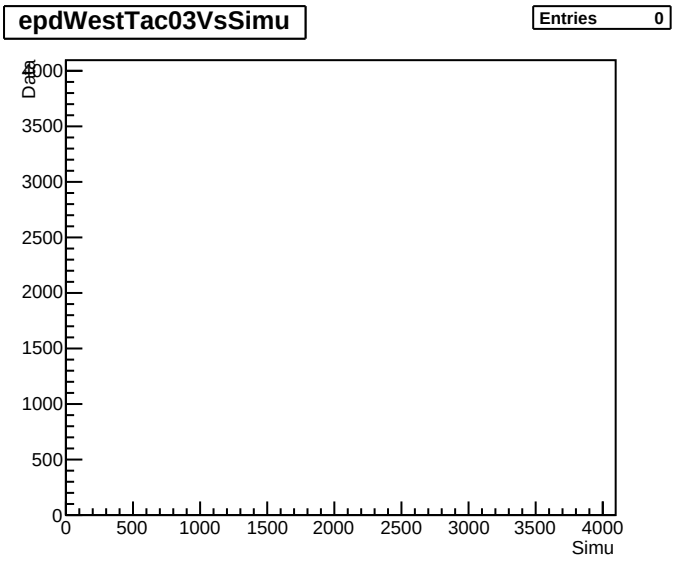

epdEastTac47
Entries 563572

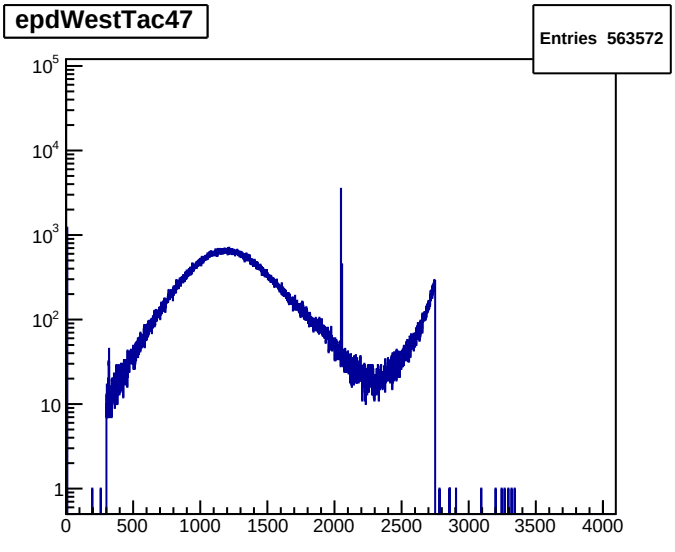

epdEastTac47VsSimu
Entries 0
Data
Simu

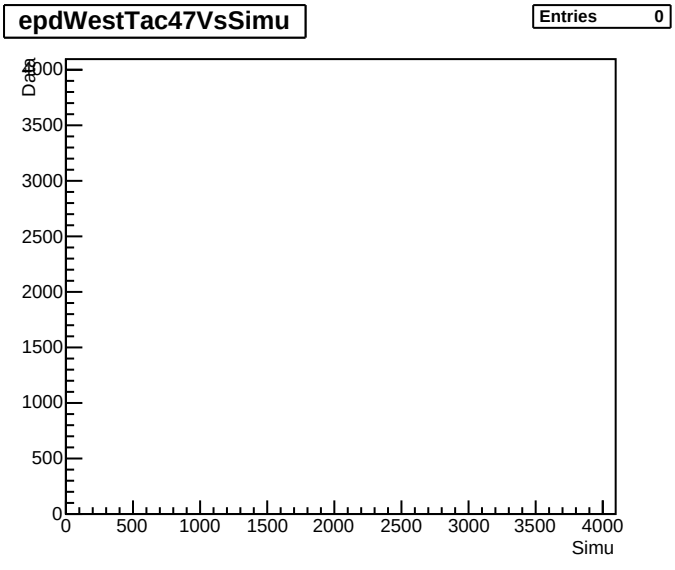

epdEastNHits
Entries 563572

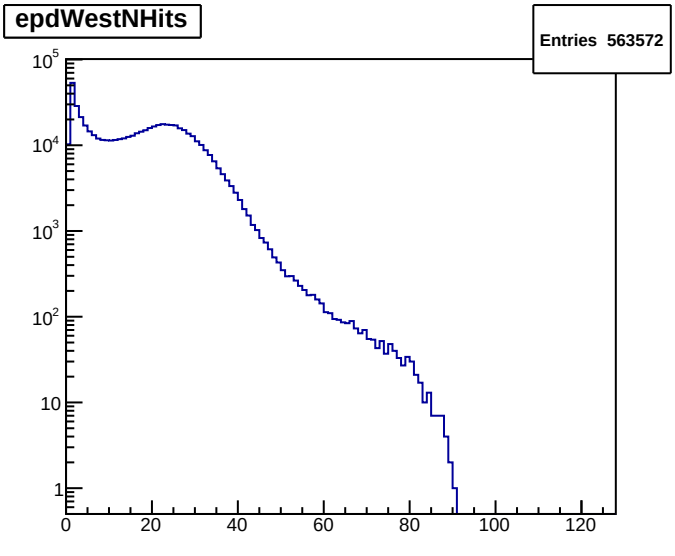

epdEastNHitsVsSimu
Entries 0
Data
Simu

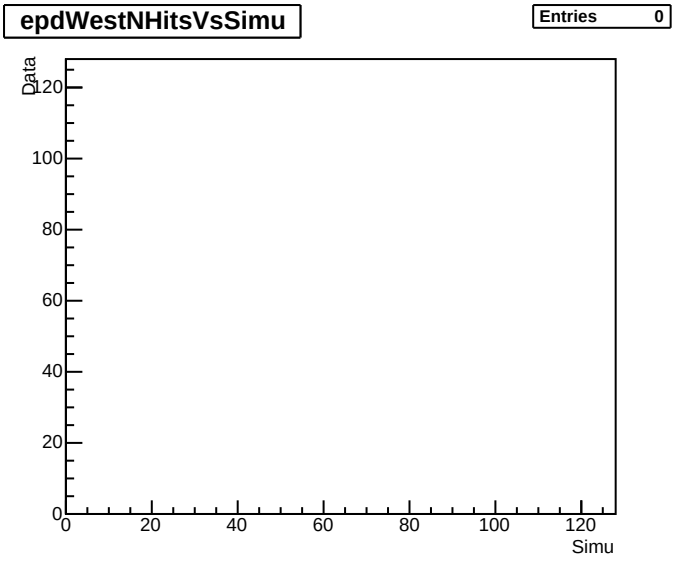

epdWestTac03
Entries 563572

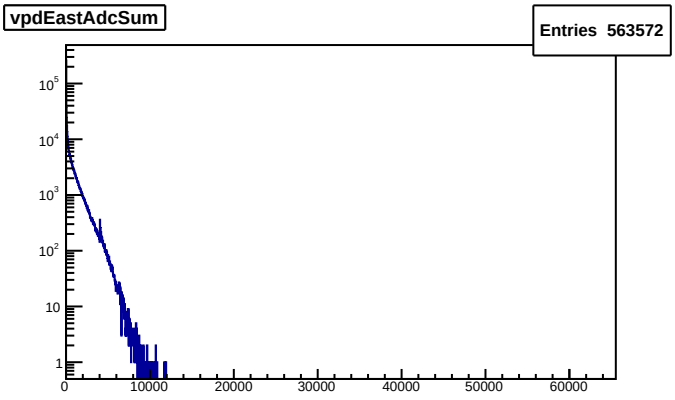

epdWestTac03VsSimu
Entries 0
Data
Simu

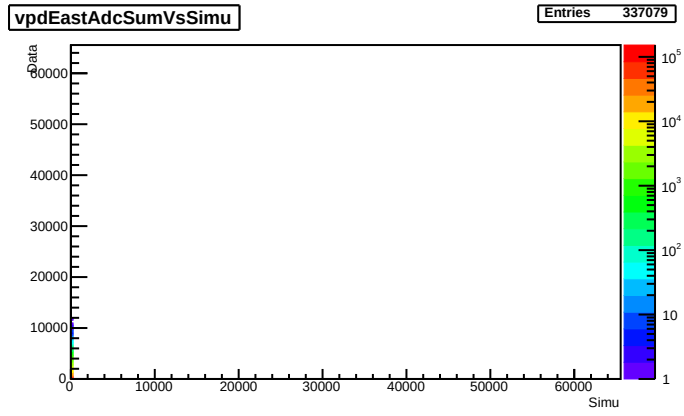

epdWestTac47
Entries 563572

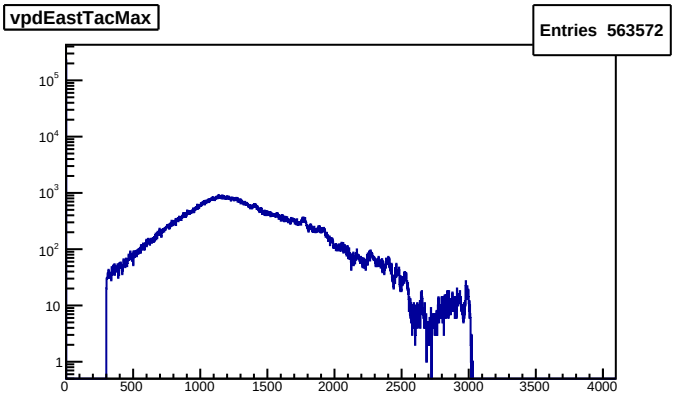

epdWestTac47VsSimu
Entries 0
Data
Simu

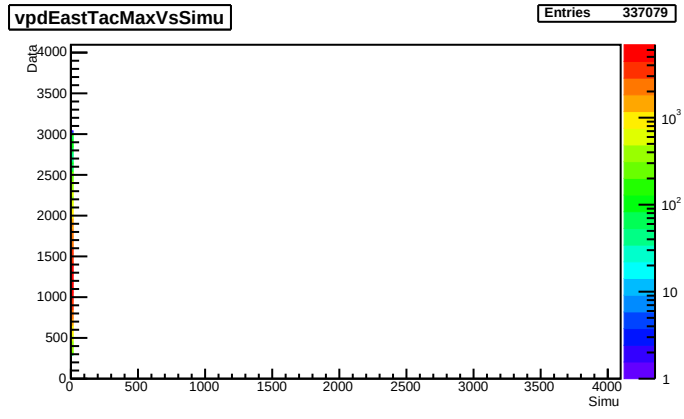

epdWestNHits
Entries 563572


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 563572


vpdEastAdcSumVsSimu
Entries 337079
Data
Simu


vpdEastTacMax
Entries 563572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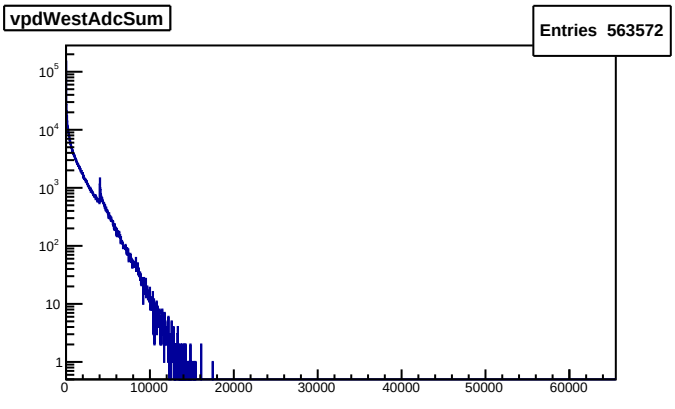
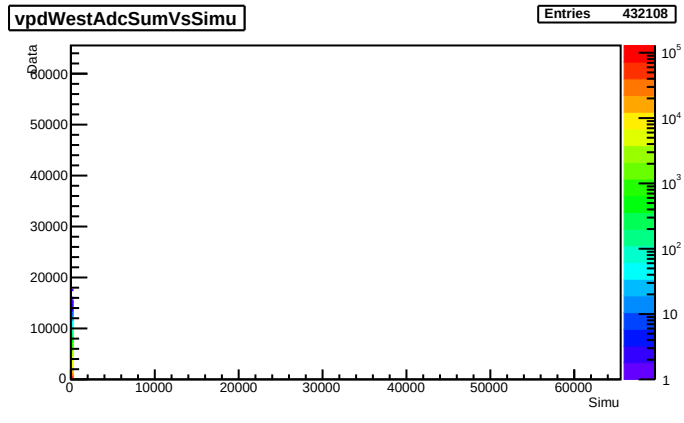
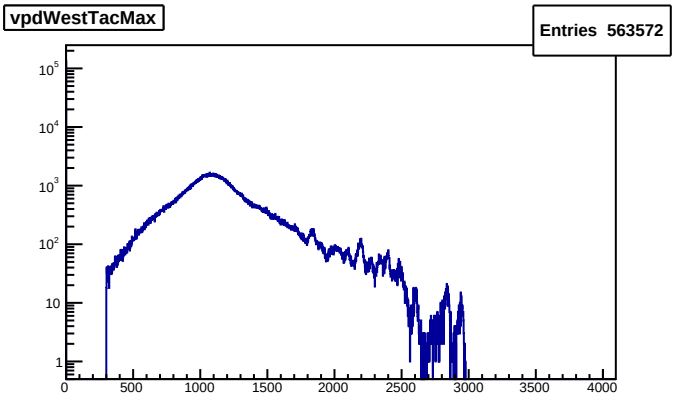
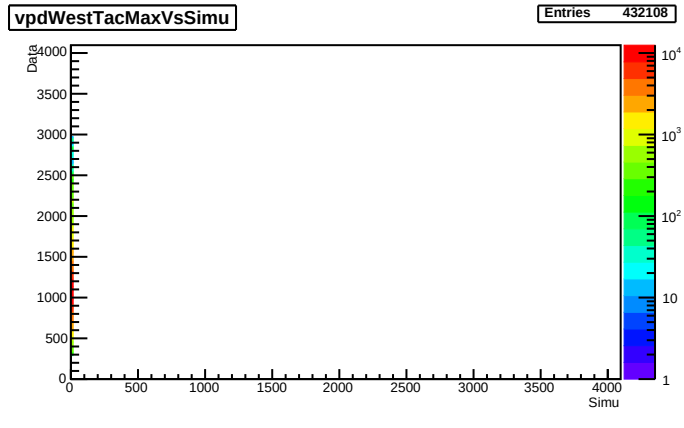
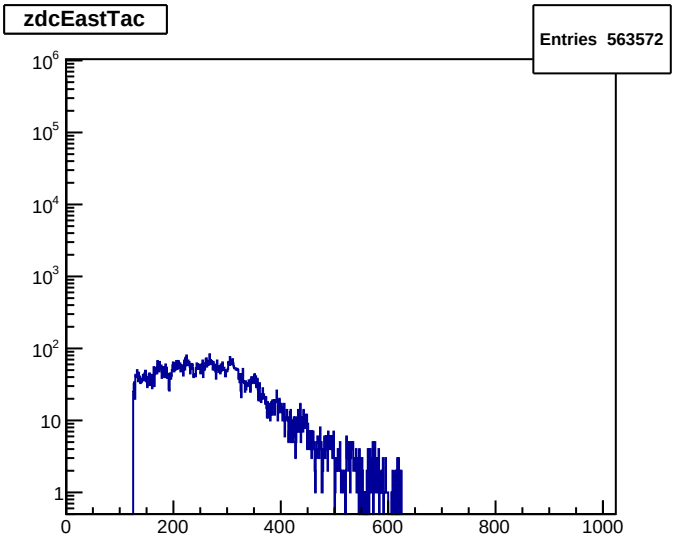
Entries 337079
Data
Simu

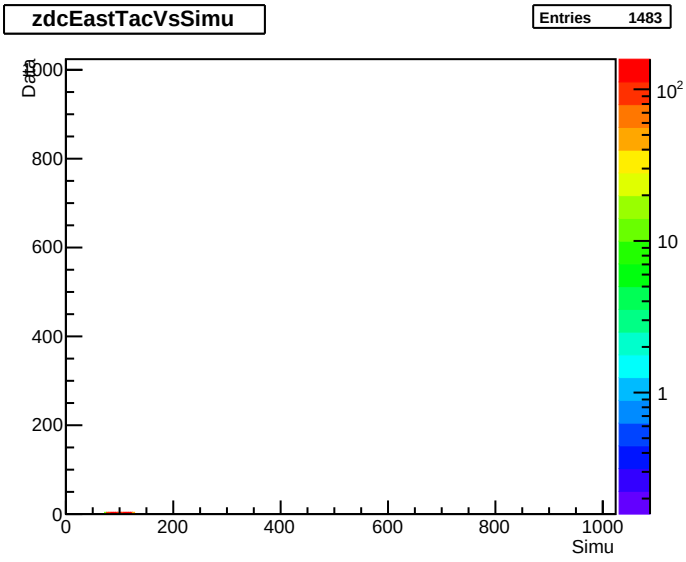

vpdWestAdcSum
Entries 563572

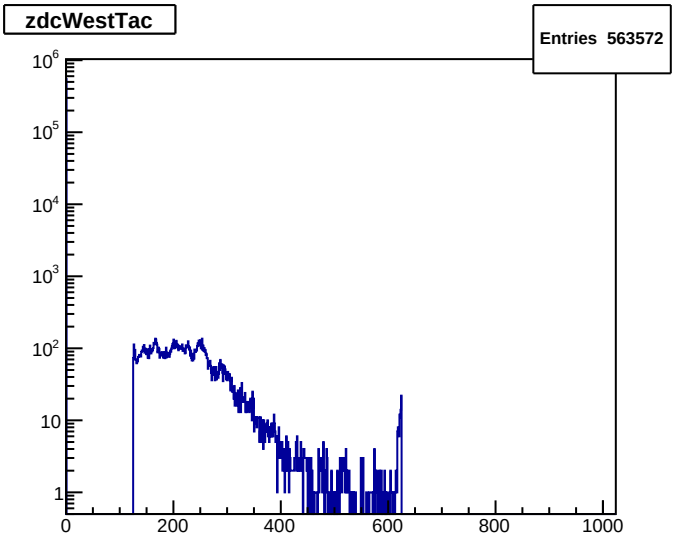

vpdWestAdcSumVsSimu
Entries 432108
Data
Simu

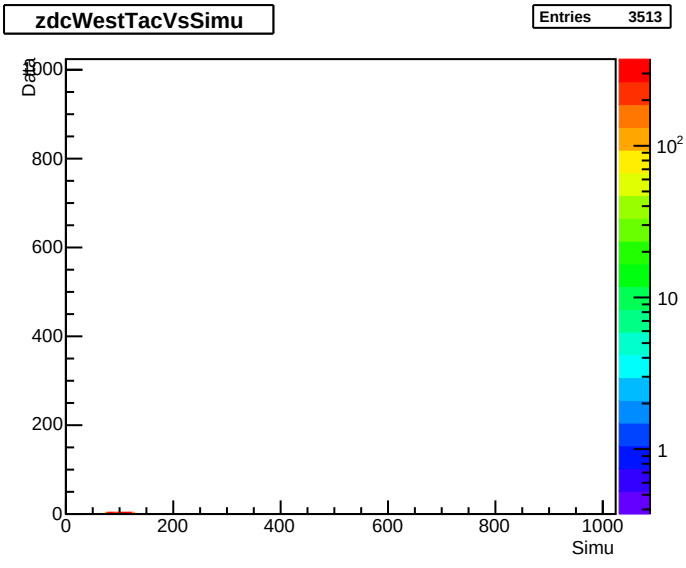

vpdWestTacMax
Entries 563572

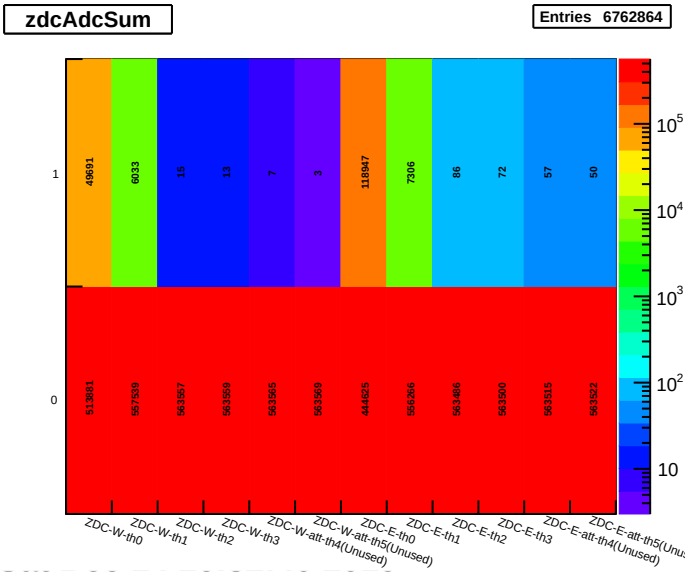

vpdWestTacMaxVsSimu
Entries 432108
Data
Simu

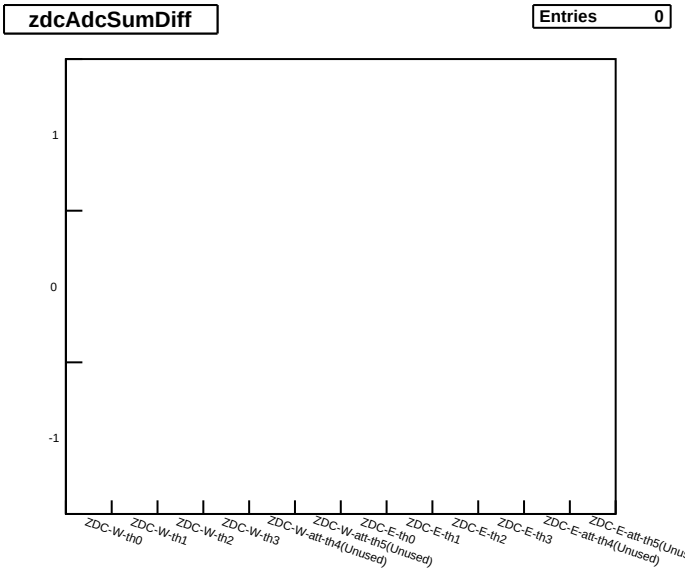

zdcEastTac
Entries 563572

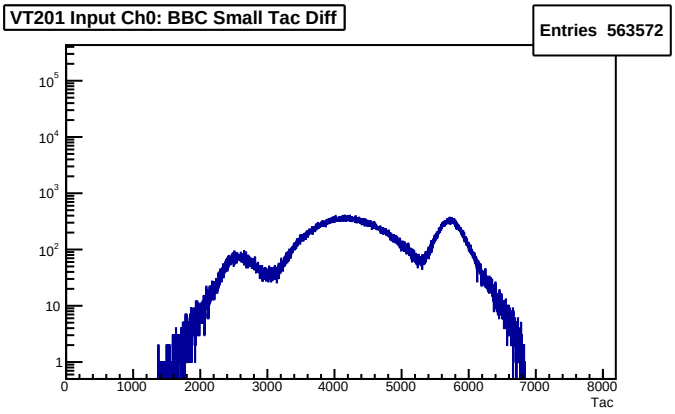

zdcEastTacVsSimu
Entries 1483
Data
Simu

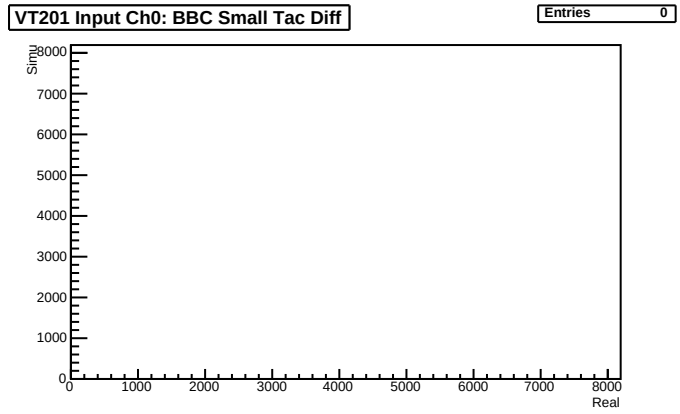

zdcWestTac
Entries 563572

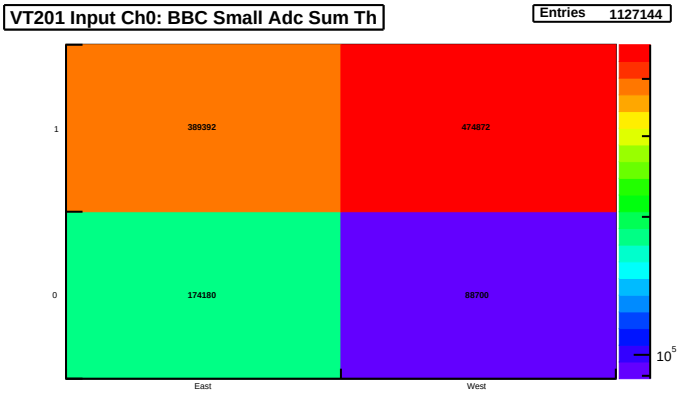

zdcWestTacVsSimu
Entries 3513
Data
Simu

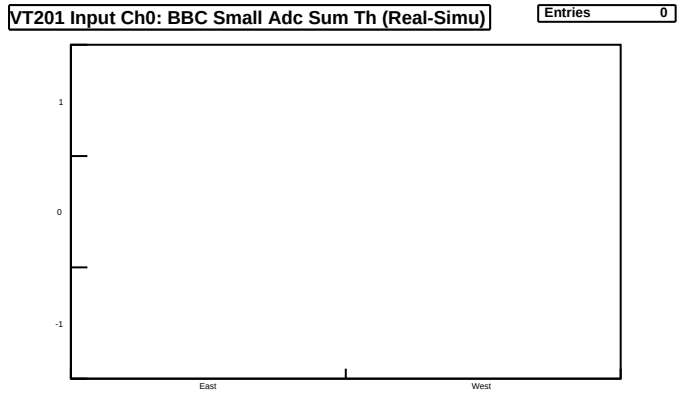

zdcAdcSum
Entries 6762864
49691
6033
15
13
7
3
118947
7306
86
72
57
50
513881
557539
563557
563559
563565
563569
444625
556266
563486
563500
563515
563522
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

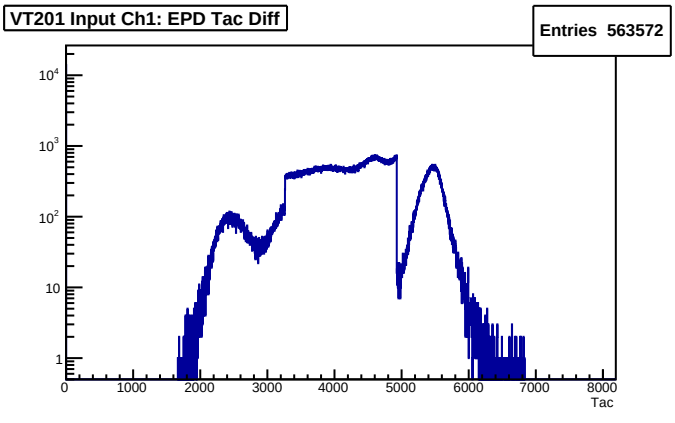

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

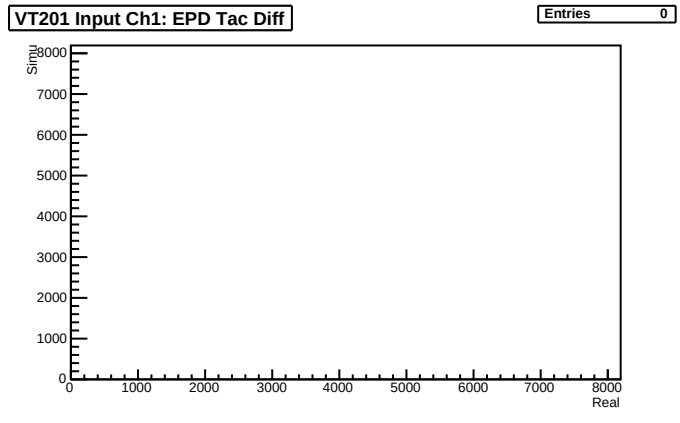

VT201 Input Ch0: BBC Small Tac Diff
Entries 563572
Tac

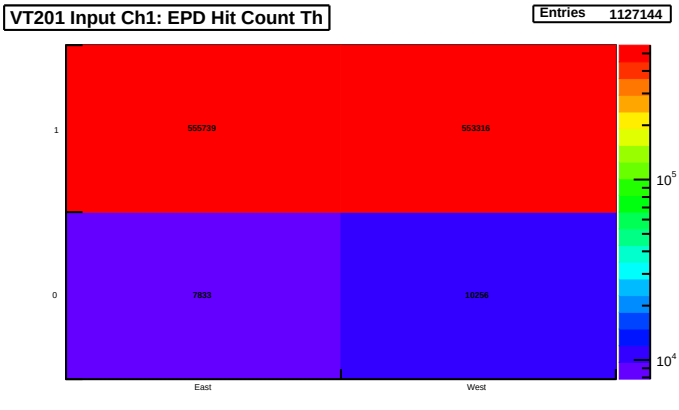

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

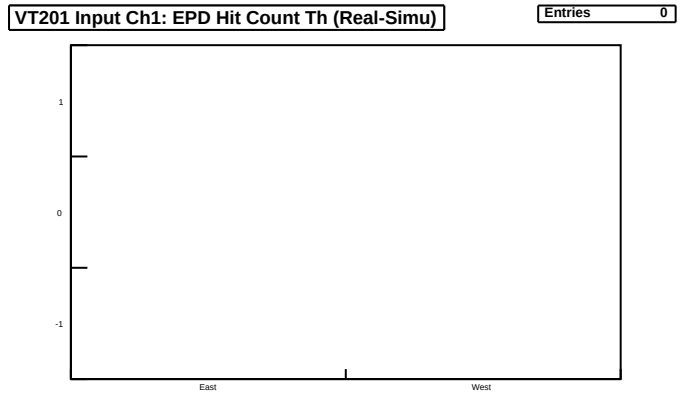

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1127144
389392
474872
174180
88700
East
West

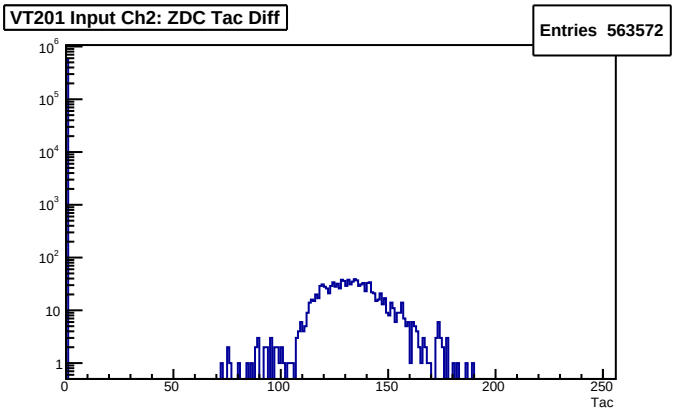

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

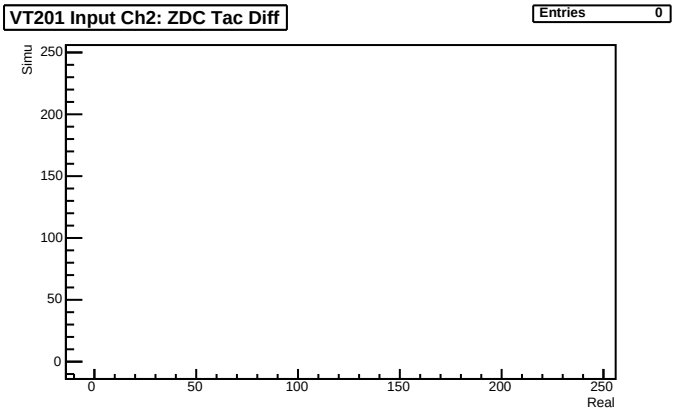

VT201 Input Ch1: EPD Tac Diff
Entries 563572
Tac

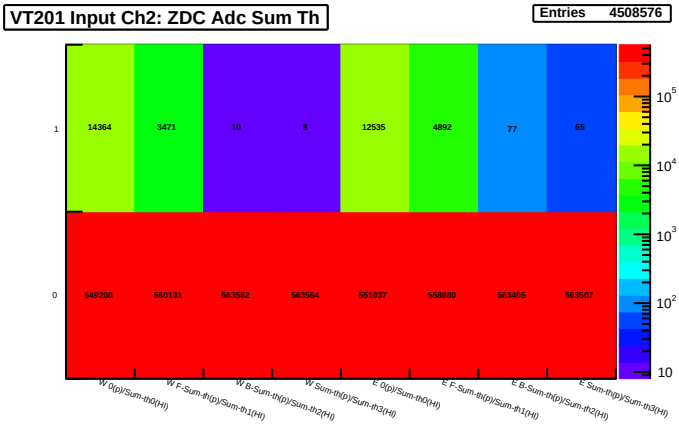

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

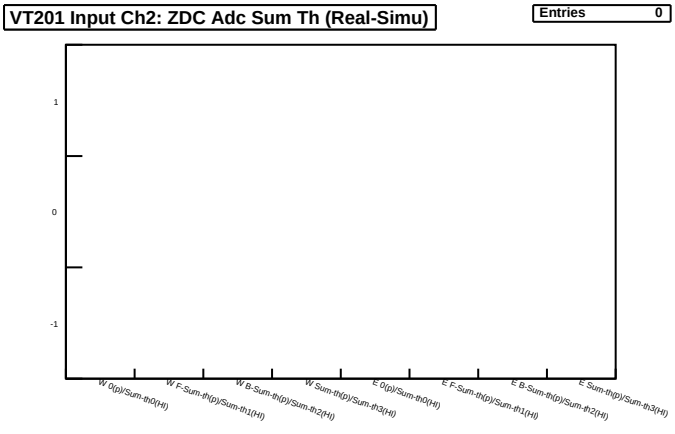

VT201 Input Ch1: EPD Hit Count Th
Entries 1127144
555739
553316
7833
10256
East
West

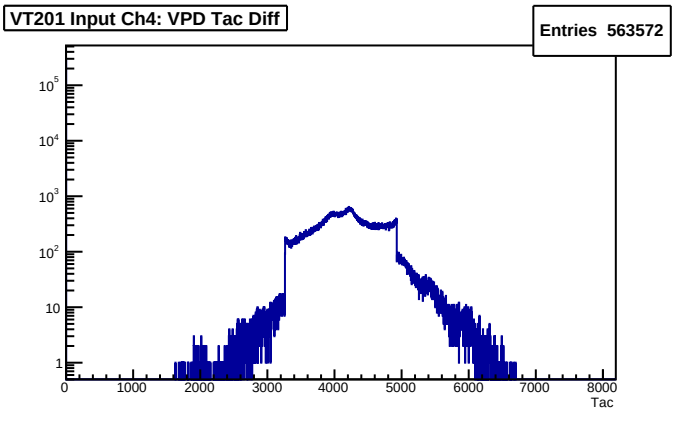

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

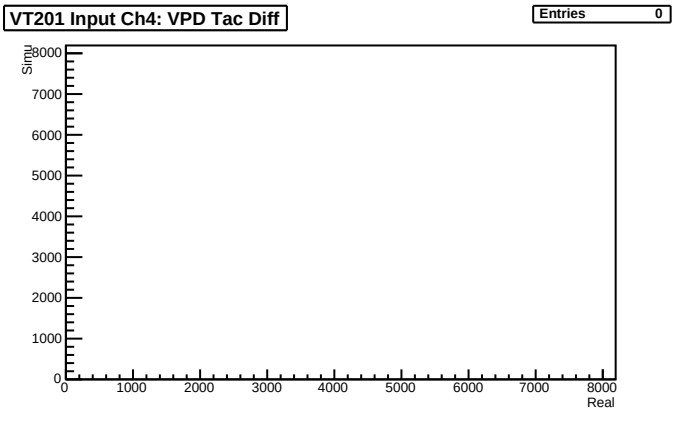

VT201 Input Ch2: ZDC Tac Diff
Entries 563572
Tac

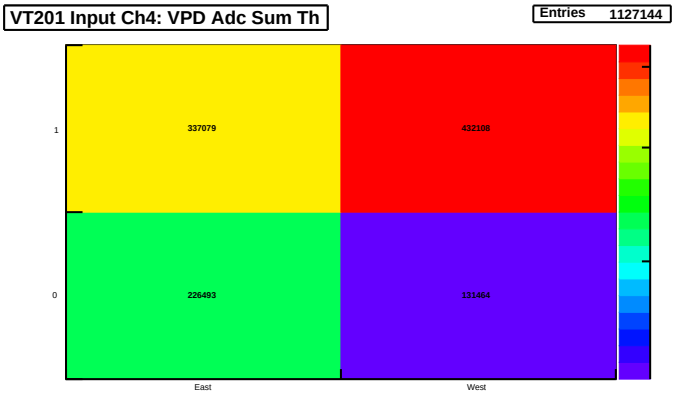

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

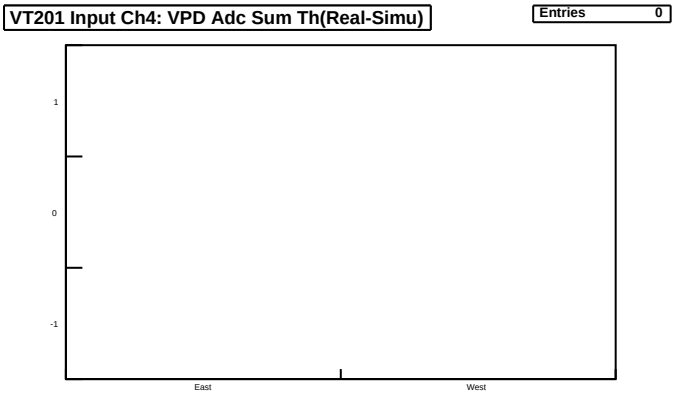

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4508576
14364
3471
10
8
12535
4892
77
65
549208
560101
563562
563564
551037
558680
563495
563507
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

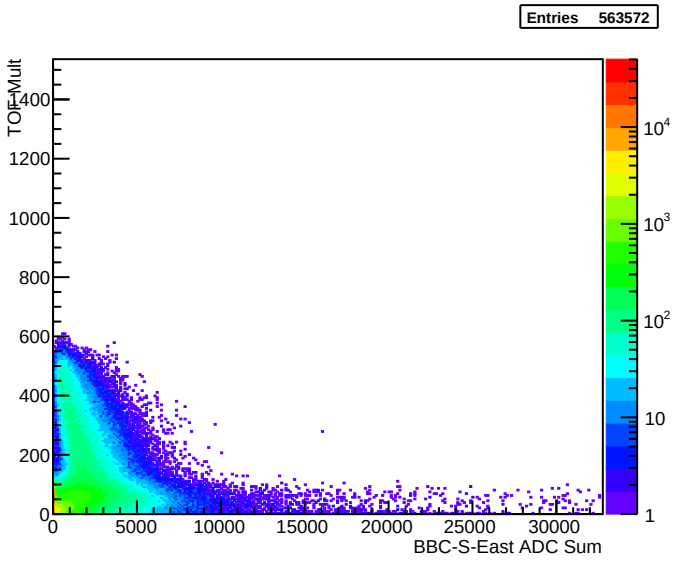

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

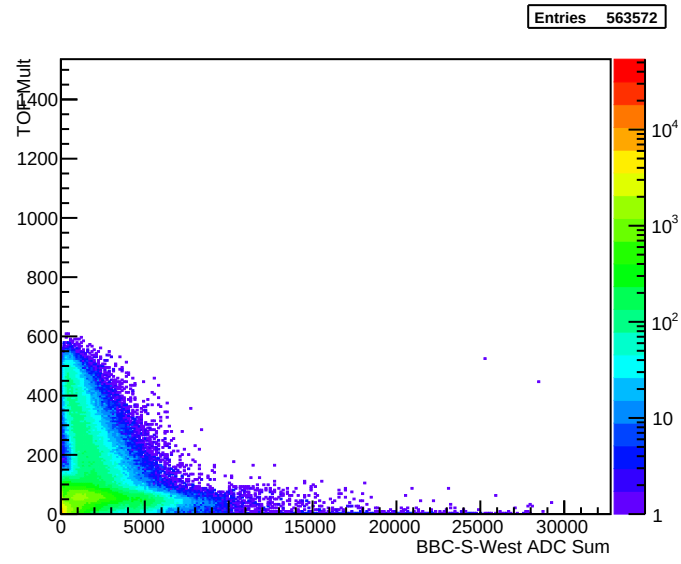

VT201 Input Ch4: VPD Tac Diff
Entries 563572
Tac

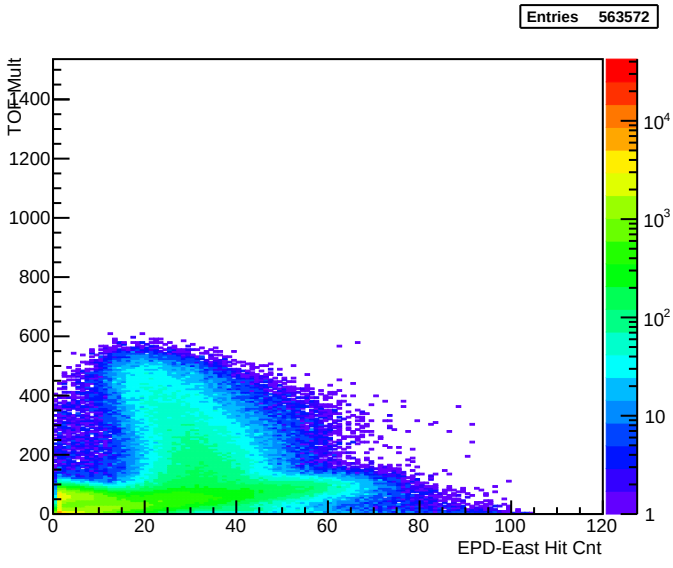

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

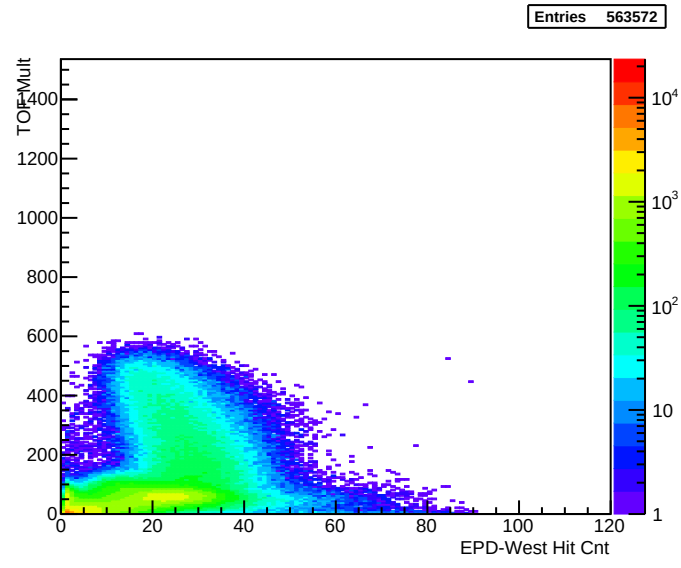

VT201 Input Ch4: VPD Adc Sum Th
Entries 1127144
337079
432108
226493
131464
East
West

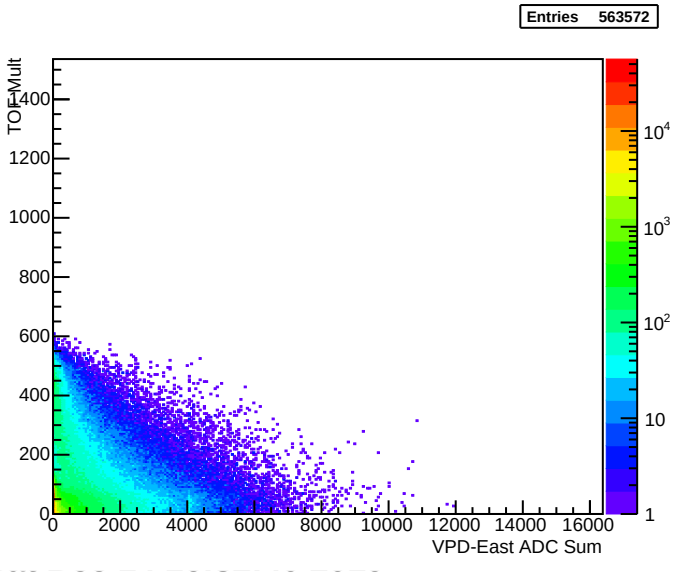

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

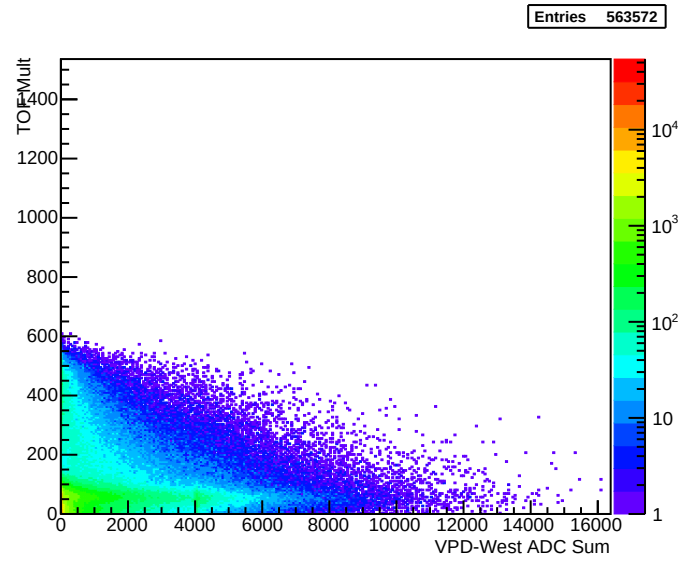

Entries 563572
TOF-Mult
BBC-S-East ADC Sum

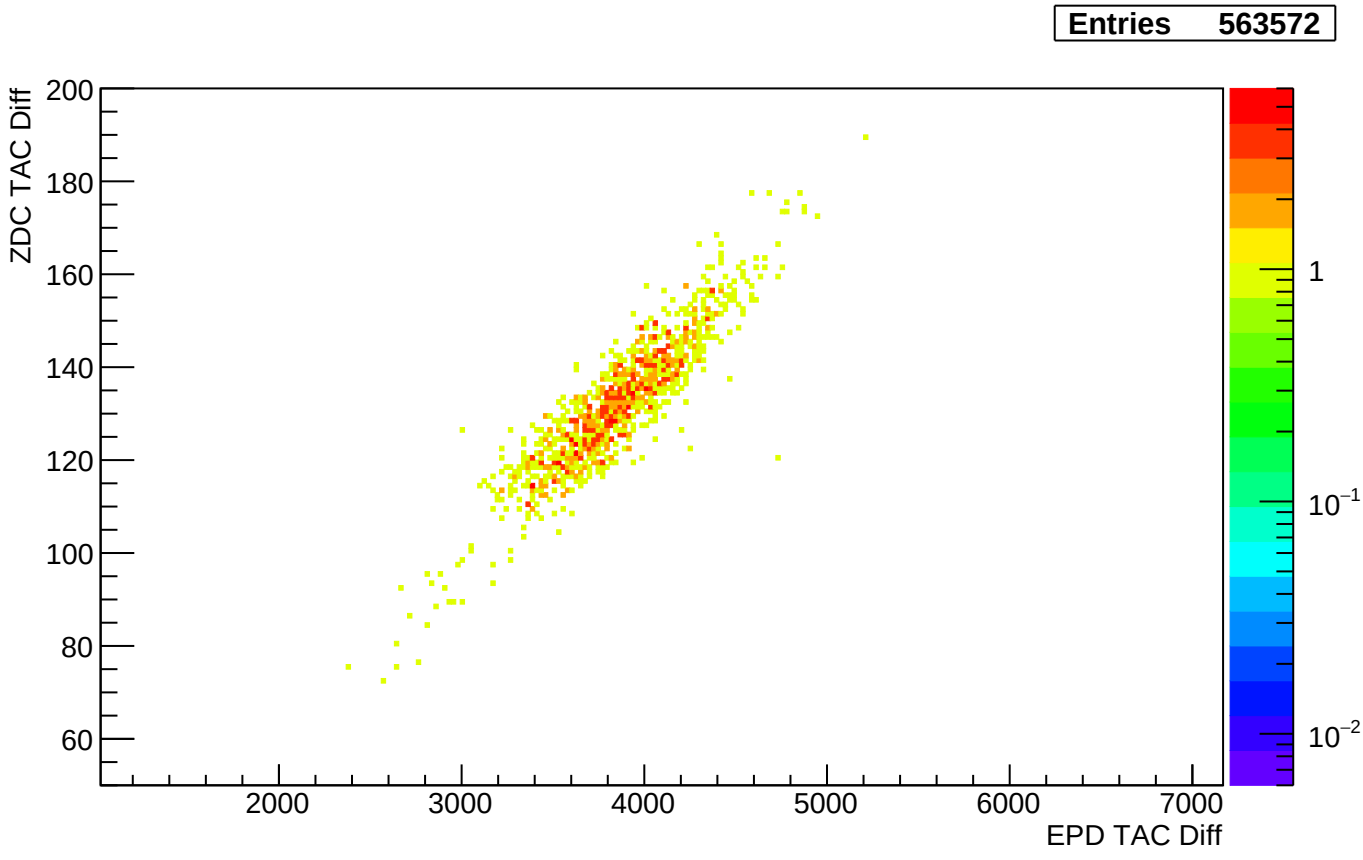

Entries 563572
TOF-Mult
BBC-S-West ADC Sum

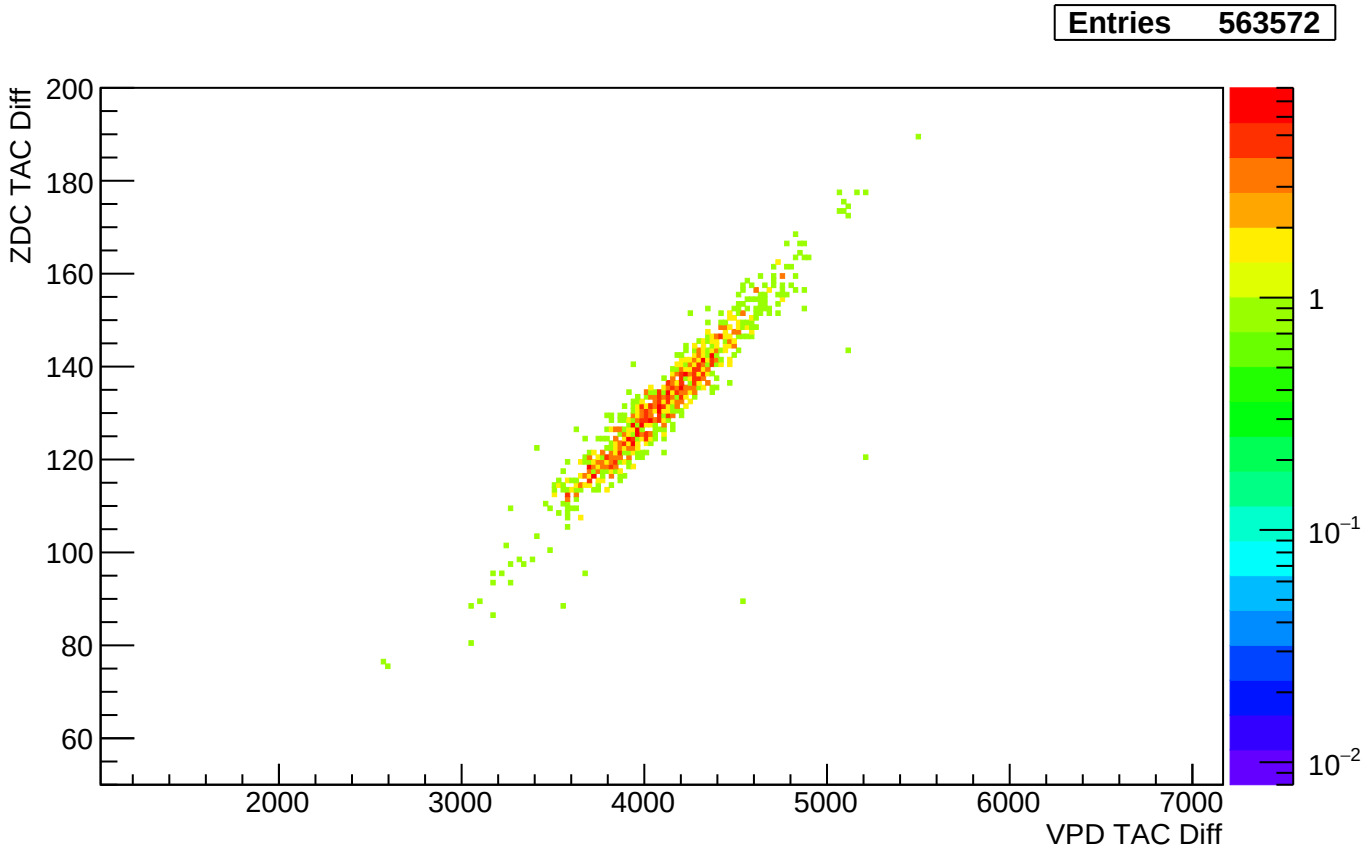

Entries 563572
TOF-Mult
EPD-East Hit Cnt

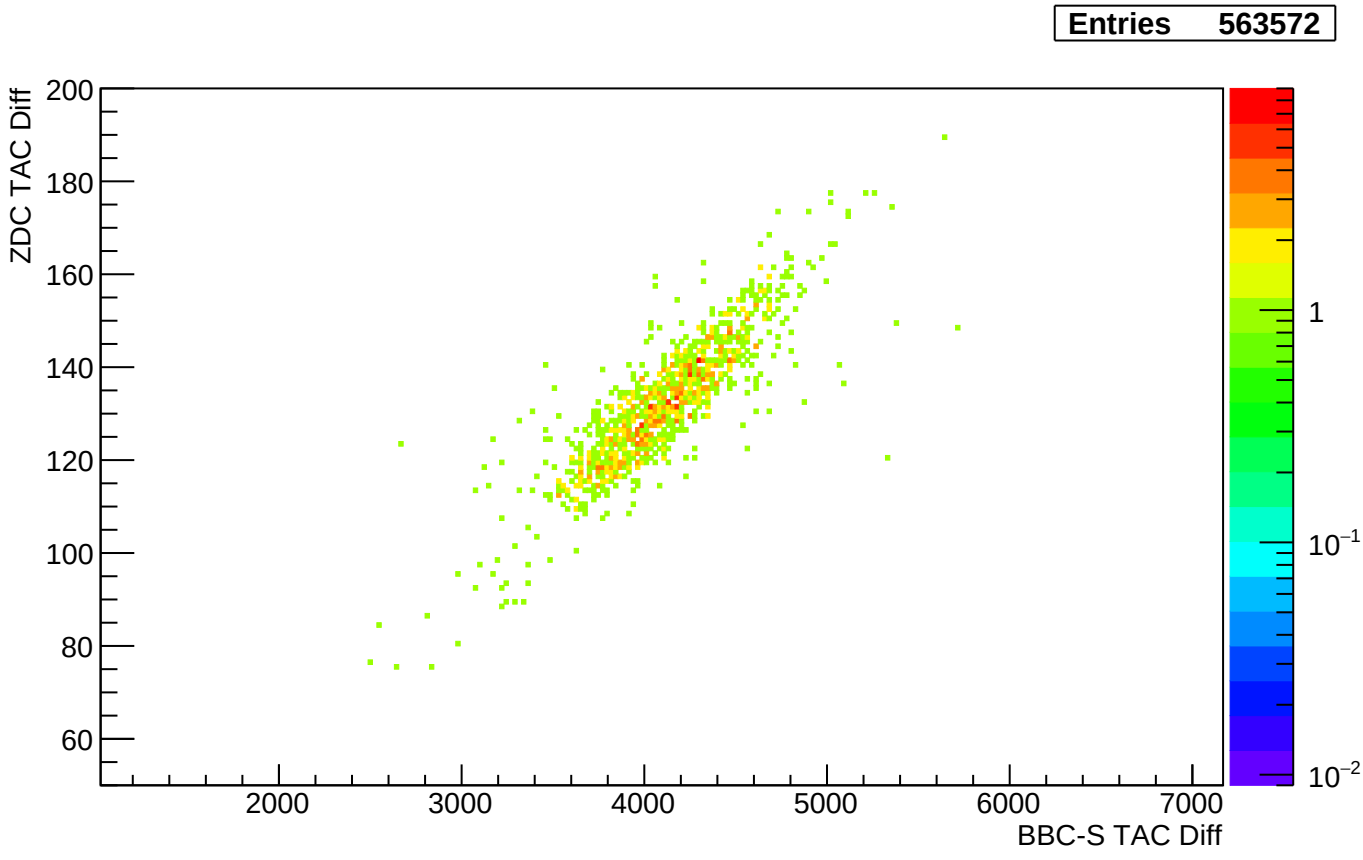

Entries 563572
TOF-Mult
EPD-West Hit Cnt

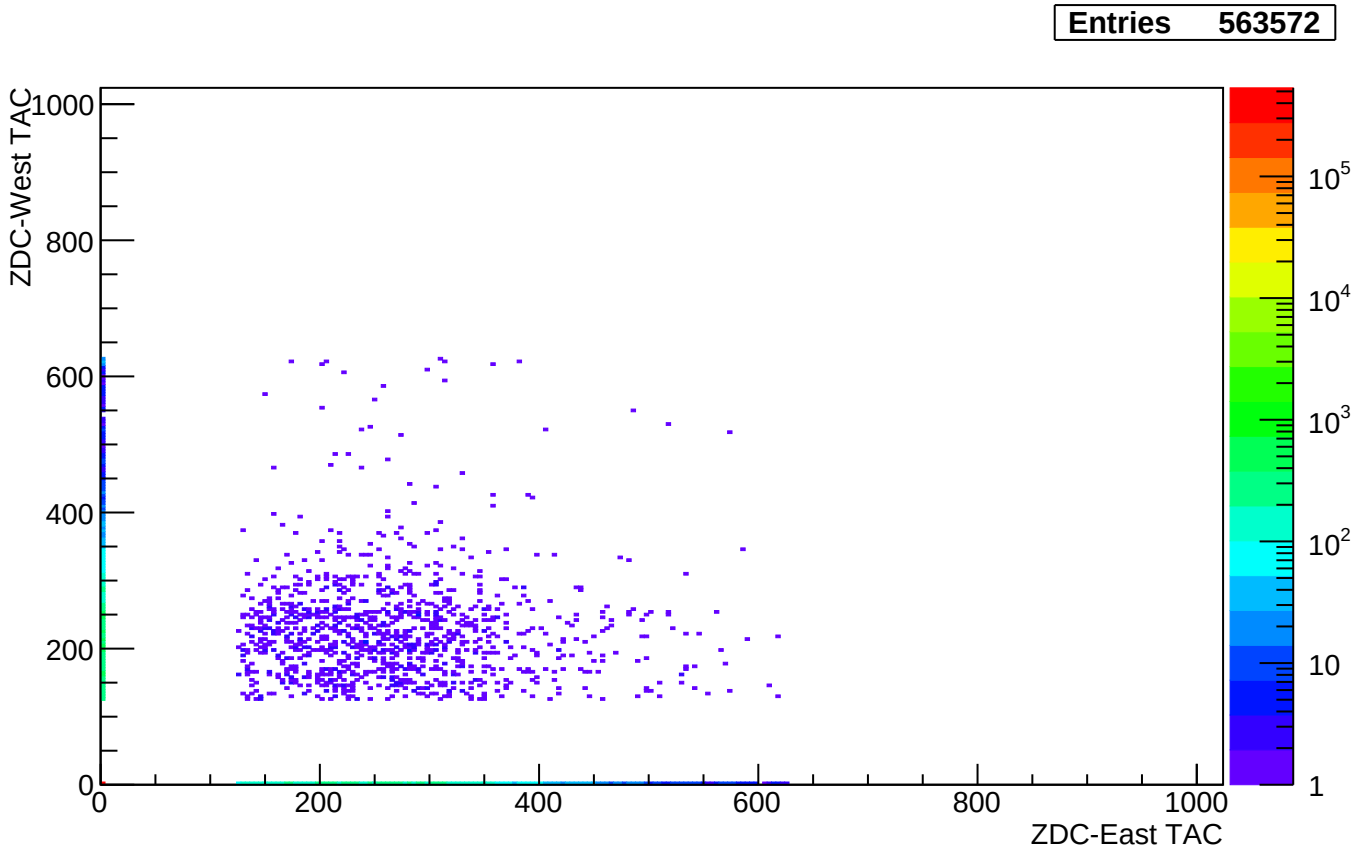

Entries 563572
TOF-Mult
VPD-East ADC Sum

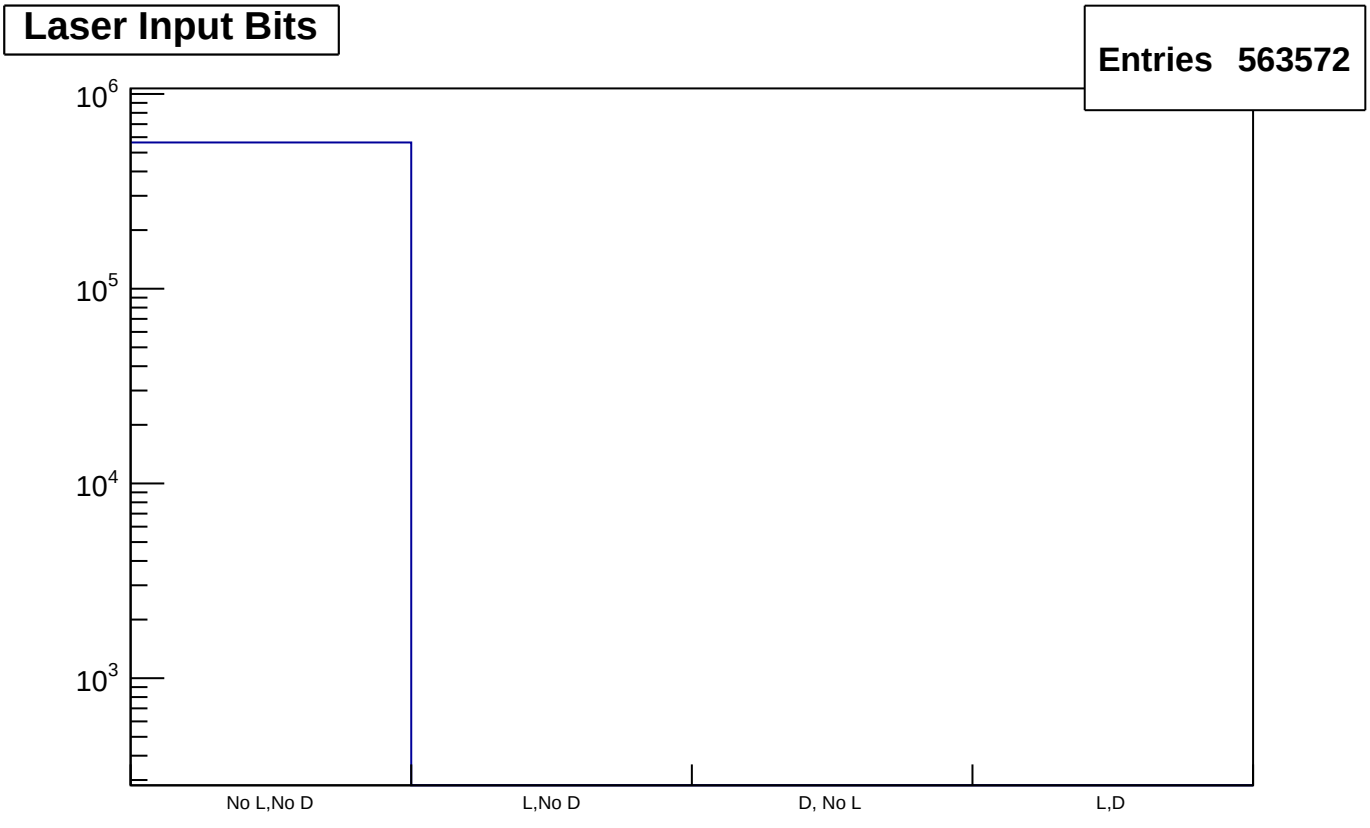

Entries 563572
TOF-Mult
VPD-West ADC Sum

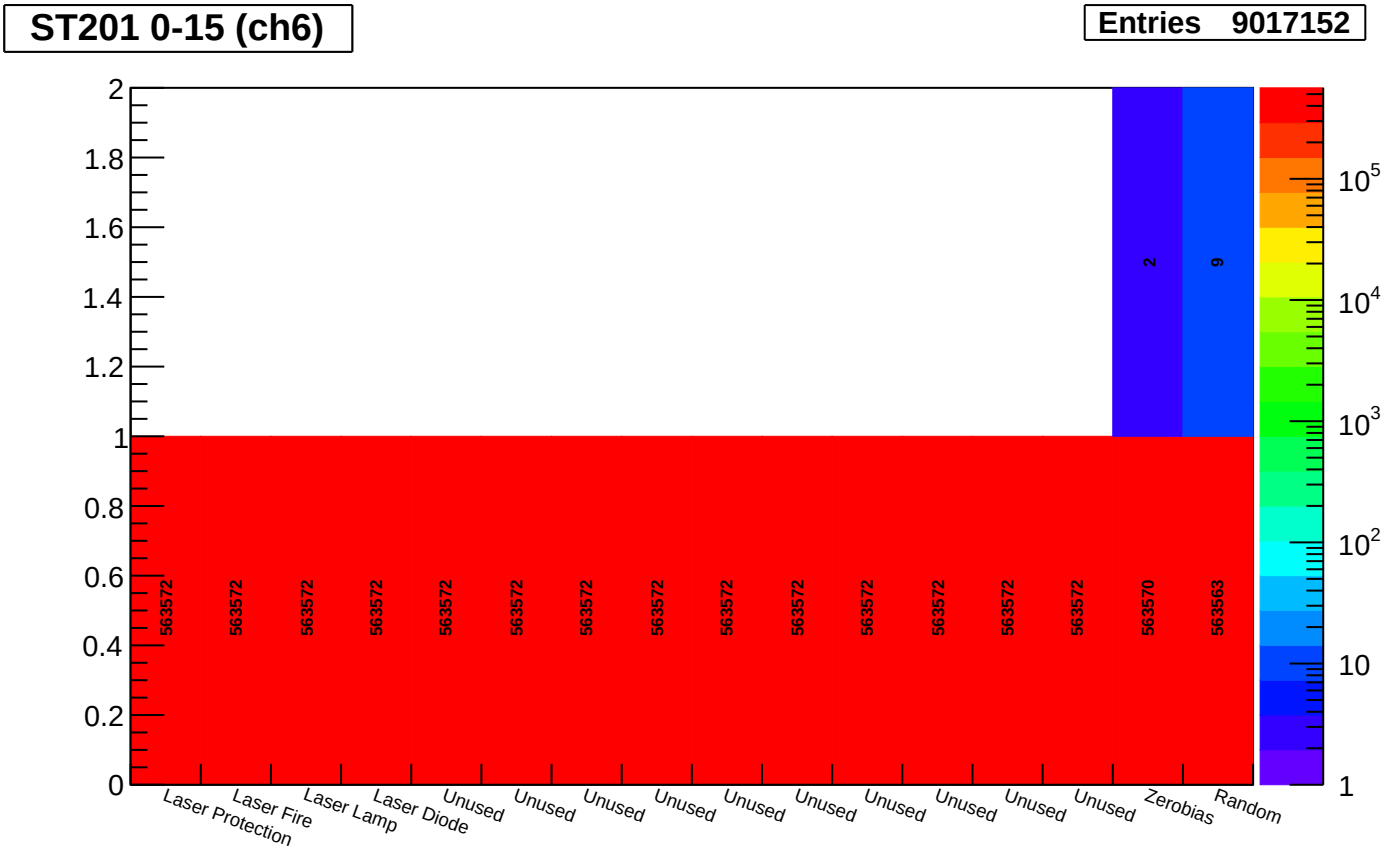

Entries 563572
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

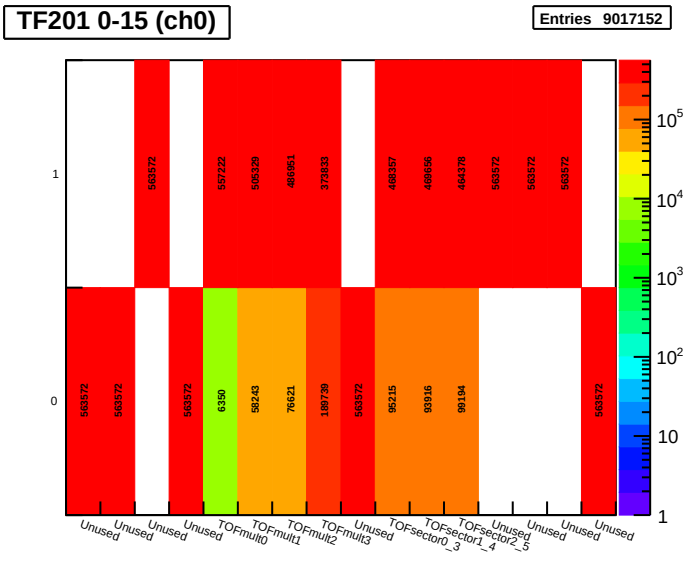

Entries 563572
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

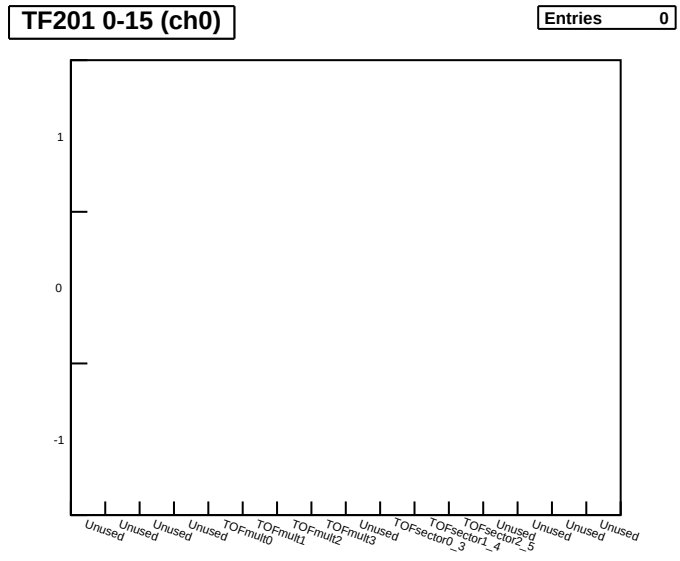

Entries 563572
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

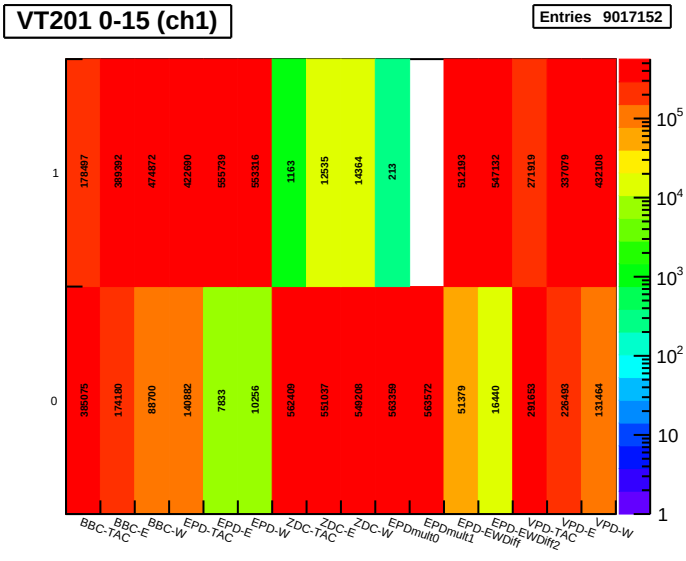

Entries 563572
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

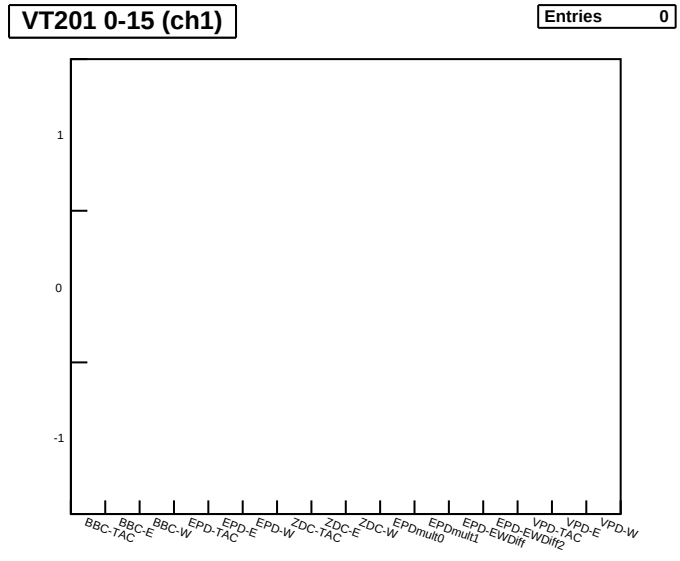

Laser Input Bits
Entries 563572
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

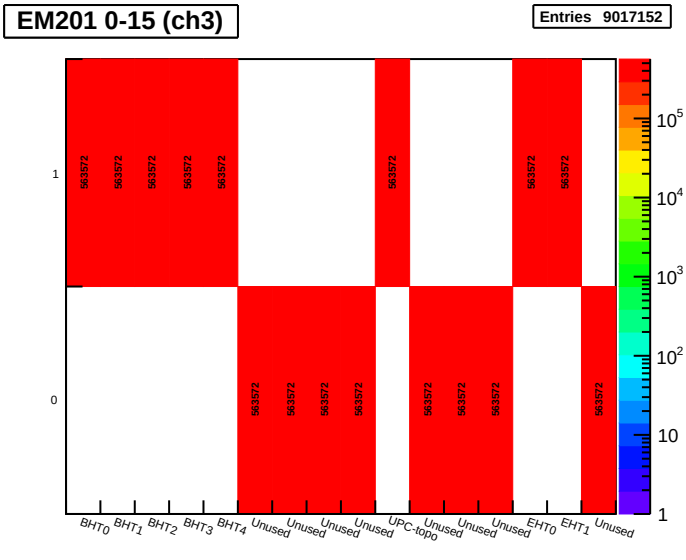

ST201 0-15 (ch6)
Entries 9017152
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
563572
563572
563572
563572
563572
563572
563572
563572
563572
563572
563572
563572
563572
563572
563570
563563
2
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

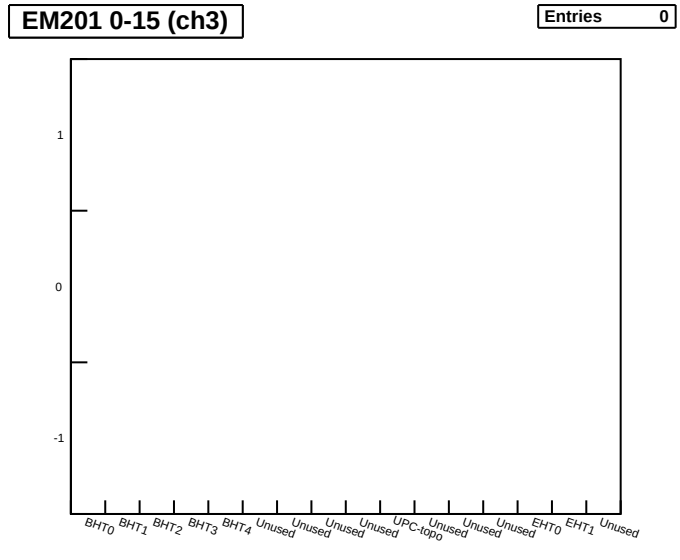

TF201 0-15 (ch0)
Entries 9017152
1
0
563572 557222 505329 486951 373833 468357 499656 494378 563572 563572 563572
563572 563572 563572 6350 58243 76621 189739 563572 95215 93916 99194 563572
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 9017152
1
0
178487 389392 474872 422690 555739 553316 1163 12535 14364 213 512193 547132 271919 337079 432108
388075 174180 88700 140882 7633 10256 562409 551037 549208 563359 563572 51379 16440 291653 228493 131464
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 9017152
1
0
563572 563572 563572 563572 563572 563572 563572 563572
563572 563572 563572 563572 563572 563572 563572 563572
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