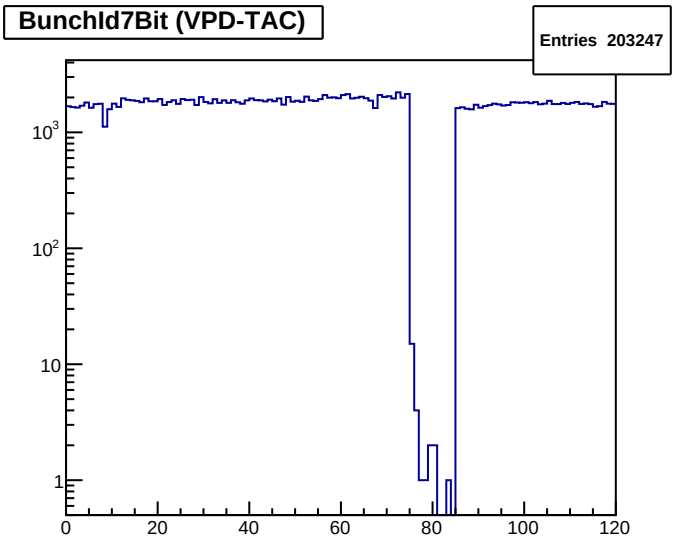
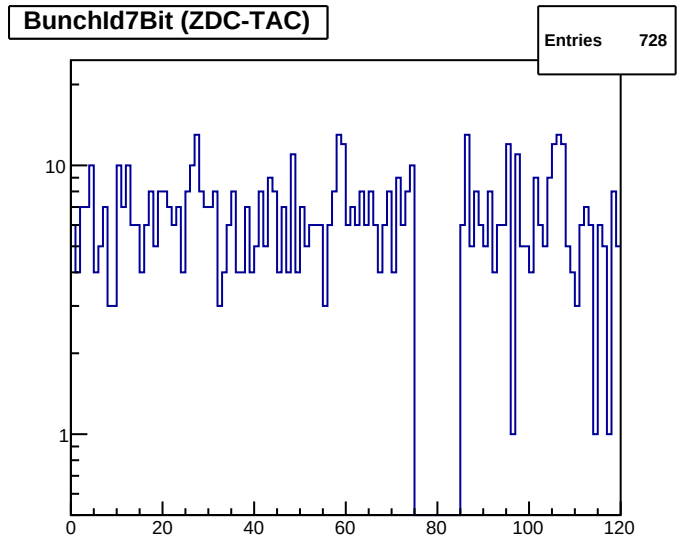
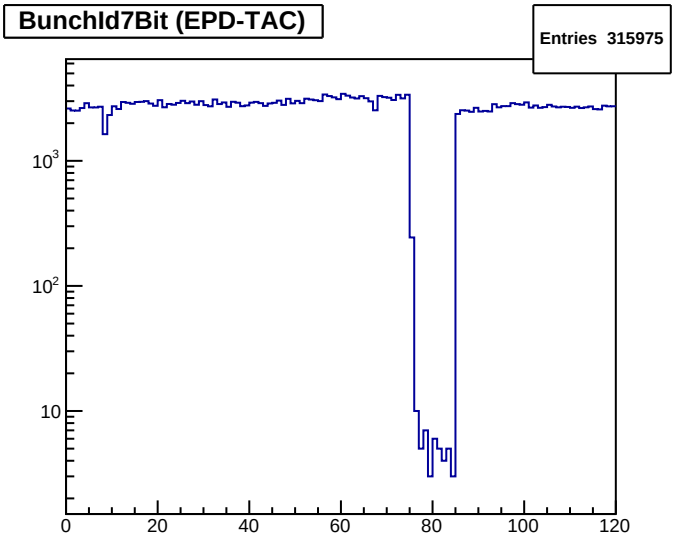
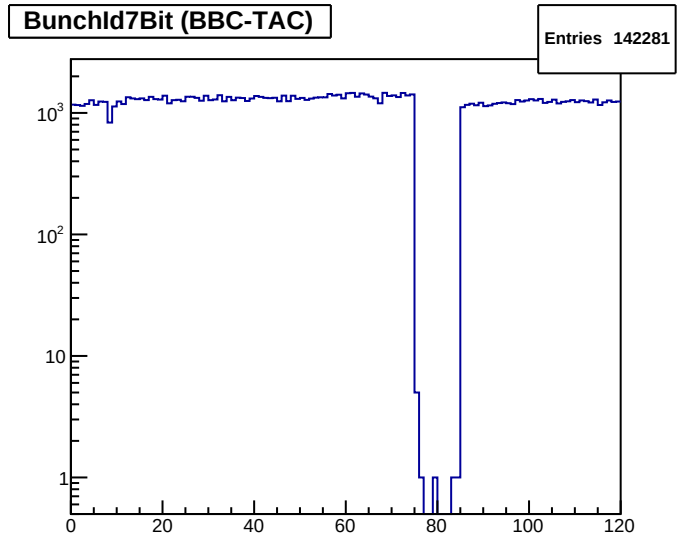
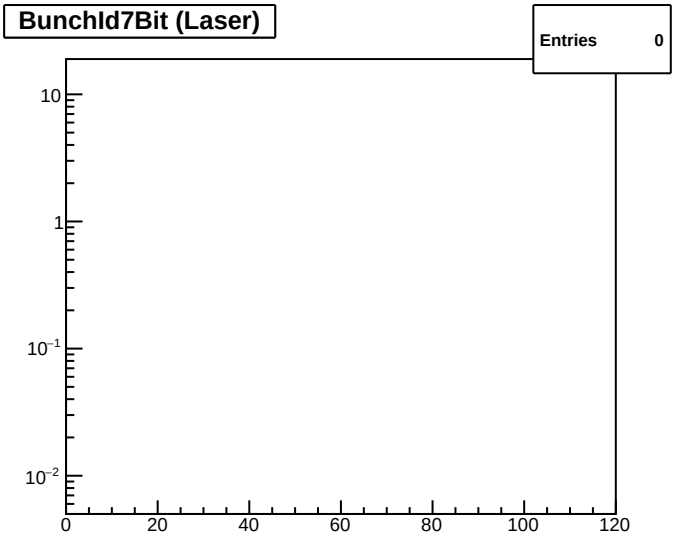
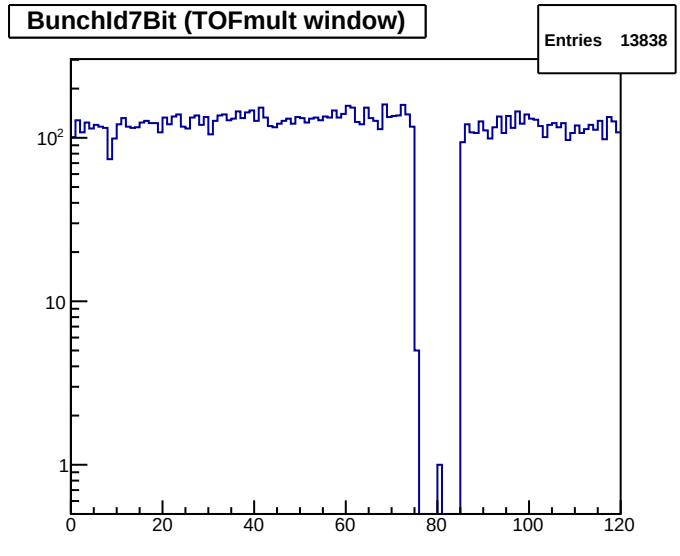

BunchId7Bit (VPD-TAC)
Entries 203247

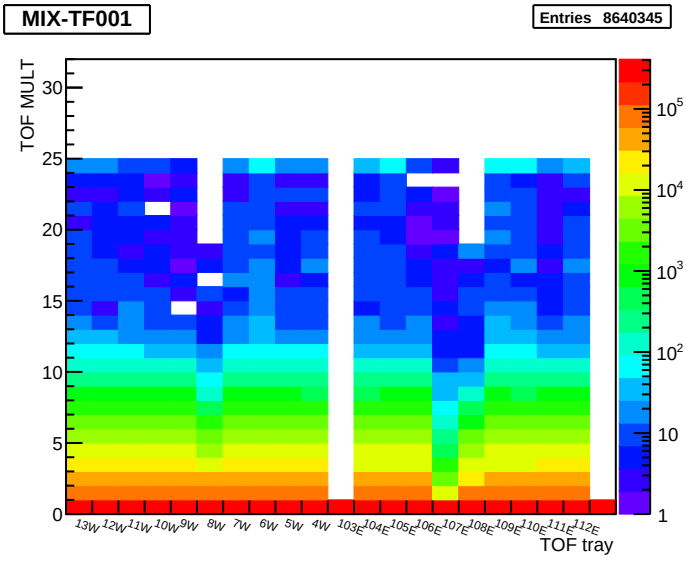

BunchId7Bit (ZDC-TAC)
Entries 728

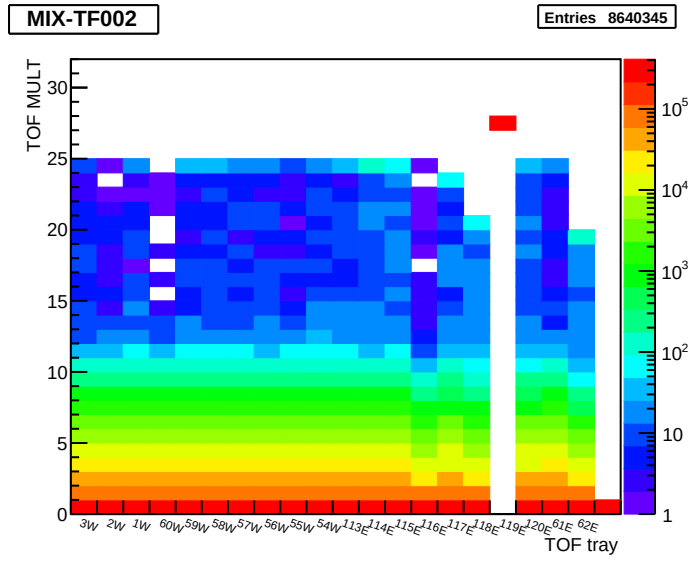

BunchId7Bit (EPD-TAC)
Entries 315975

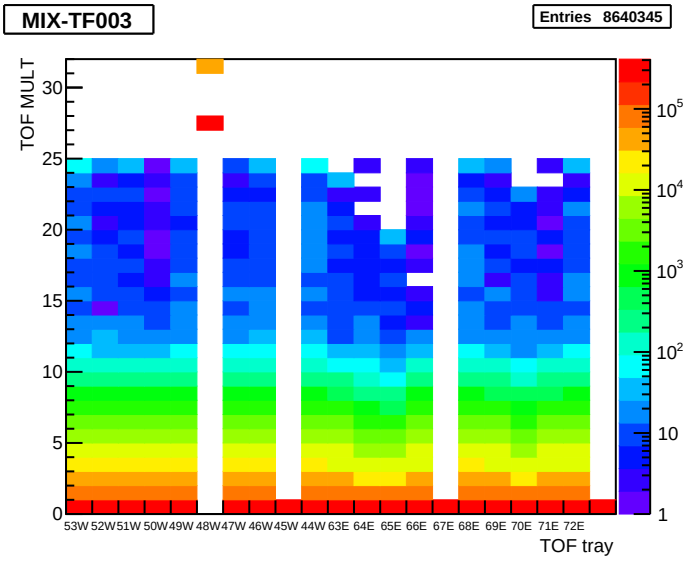

BunchId7Bit (BBC-TAC)
Entries 142281

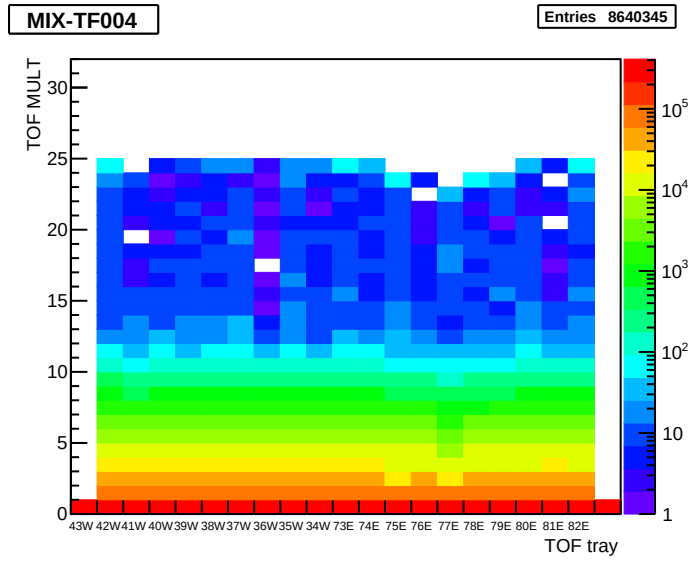

BunchId7Bit (Laser)
Entries 0

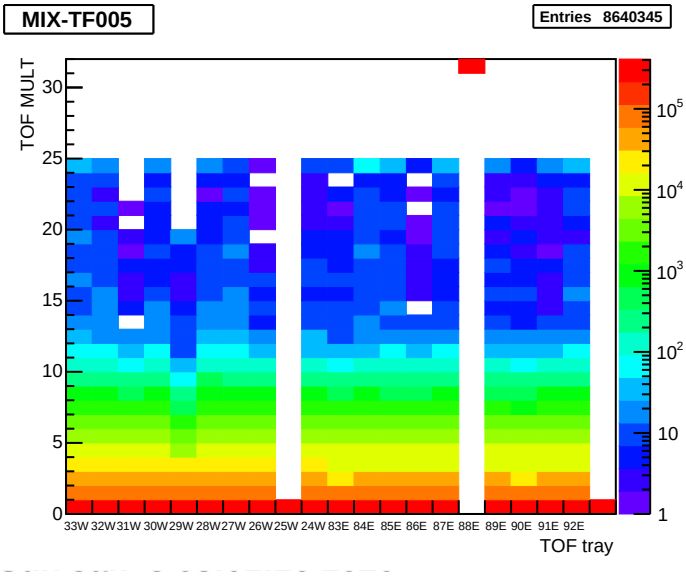

BunchId7Bit (TOFmult window)
Entries 13838

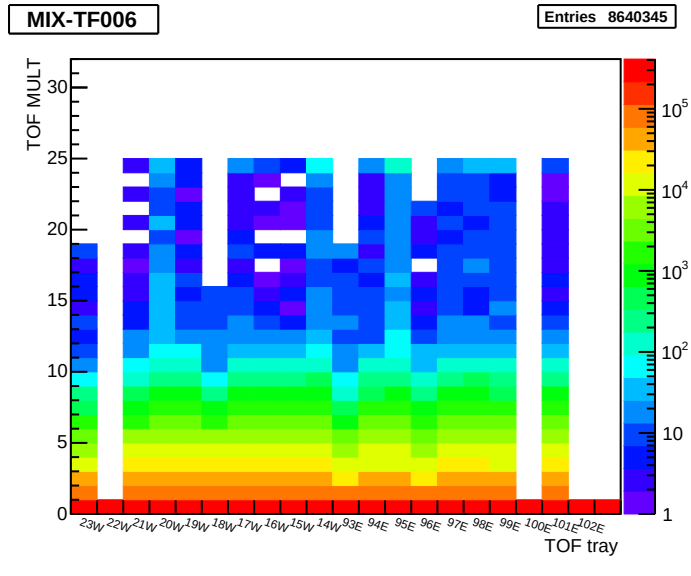

MIX-TF001
Entries 8640345
TOF MULT
TOF tray

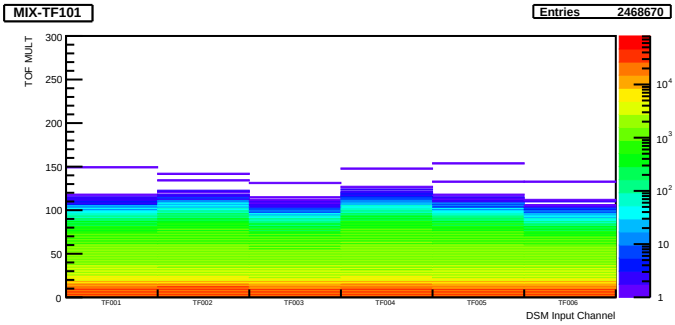

MIX-TF002
Entries 8640345
TOF MULT
TOF tray

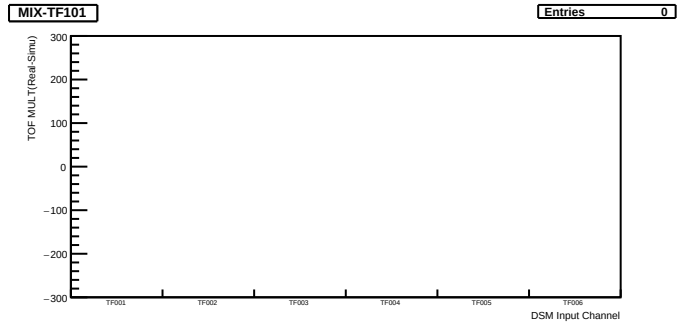

MIX-TF003
Entries 8640345
TOF MULT
TOF tray

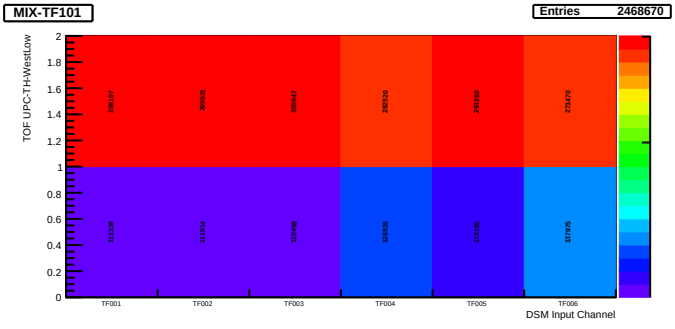

MIX-TF004
Entries 8640345
TOF MULT
TOF tray

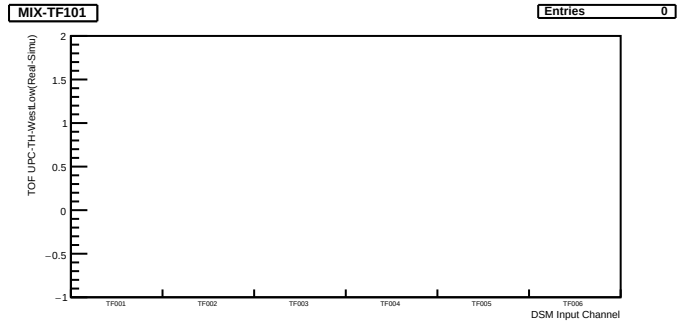

MIX-TF005
Entries 8640345
TOF MULT
TOF tray

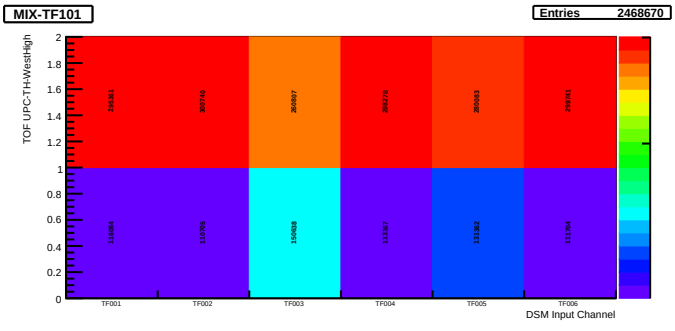

MIX-TF006
Entries 8640345
TOF MULT
TOF tray

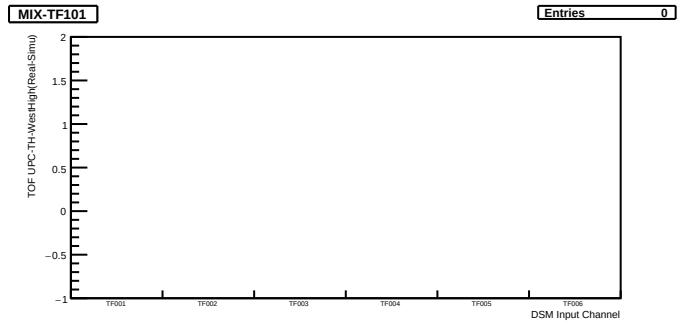

MIX-TF101
Entries 2468670
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

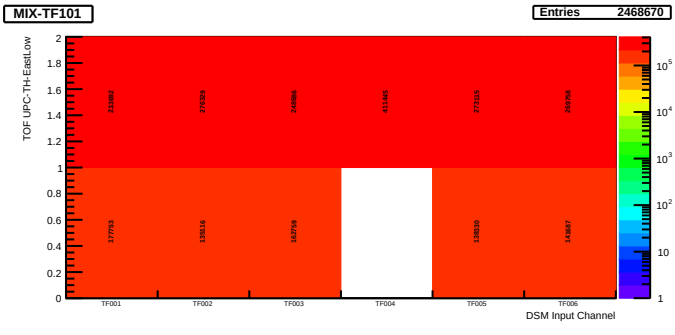

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

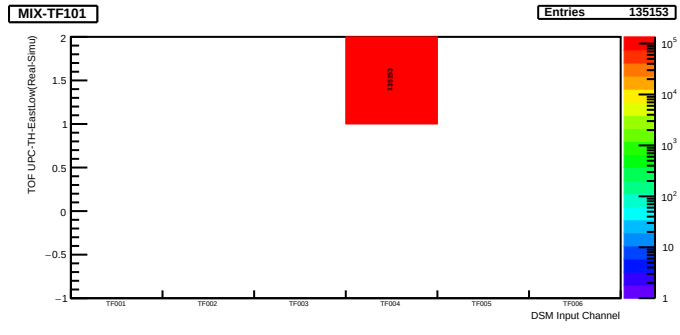

MIX-TF101
Entries 2468670
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

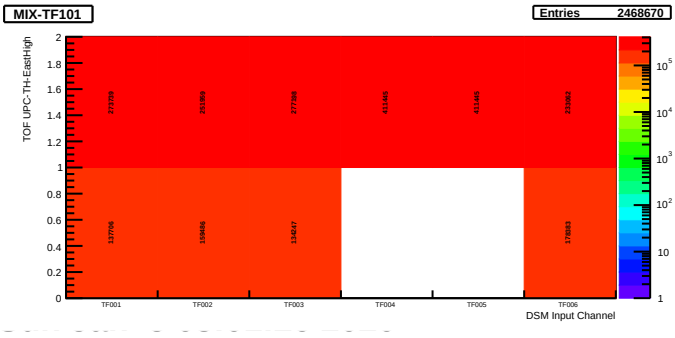

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

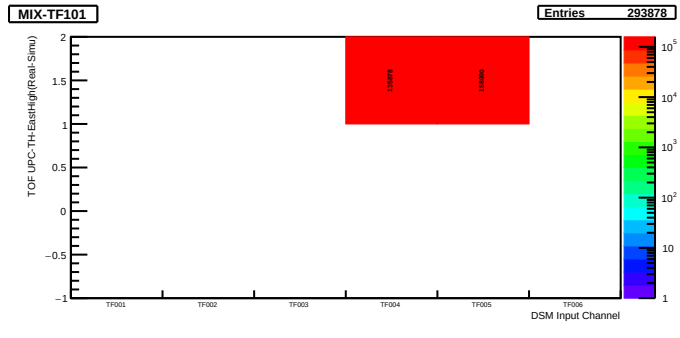

MIX-TF101
Entries 2468670
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

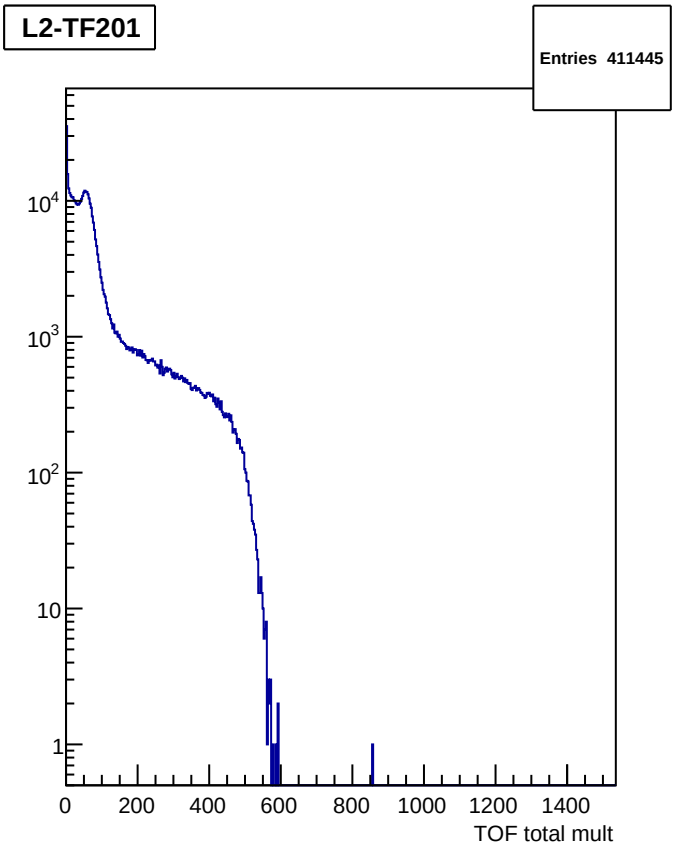

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

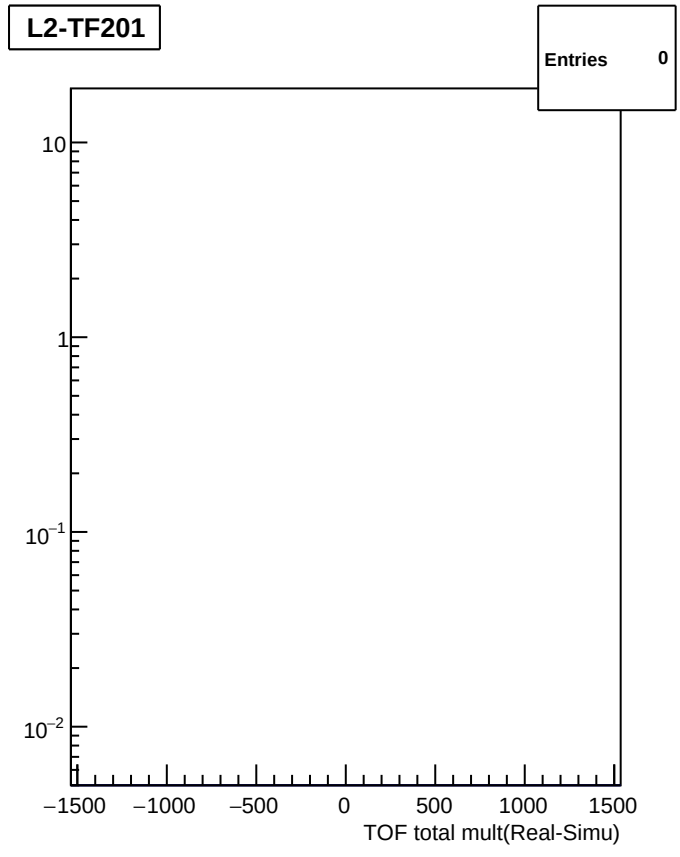

MIX-TF101
Entries 2468670
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

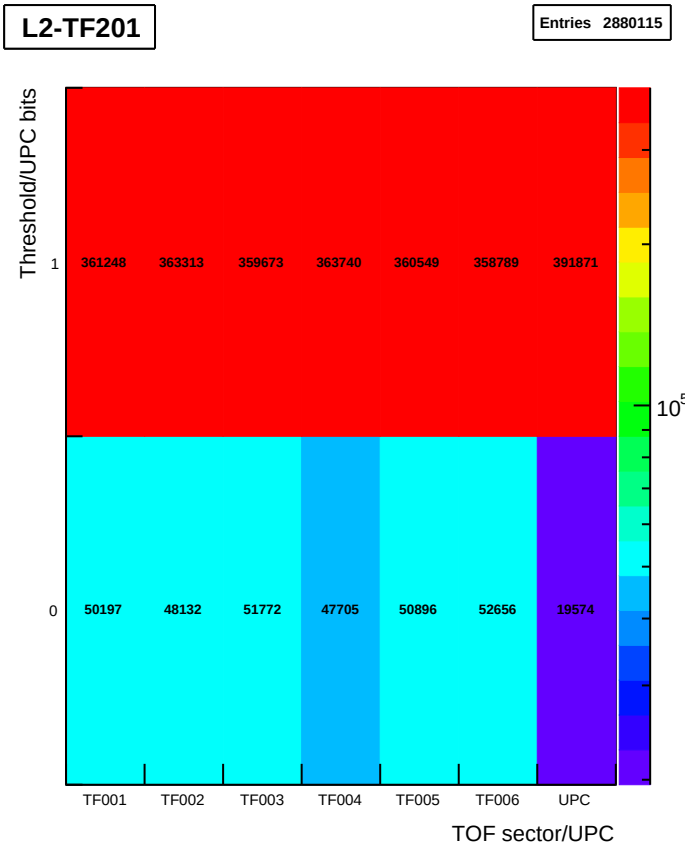

MIX-TF101
Entries 135153
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

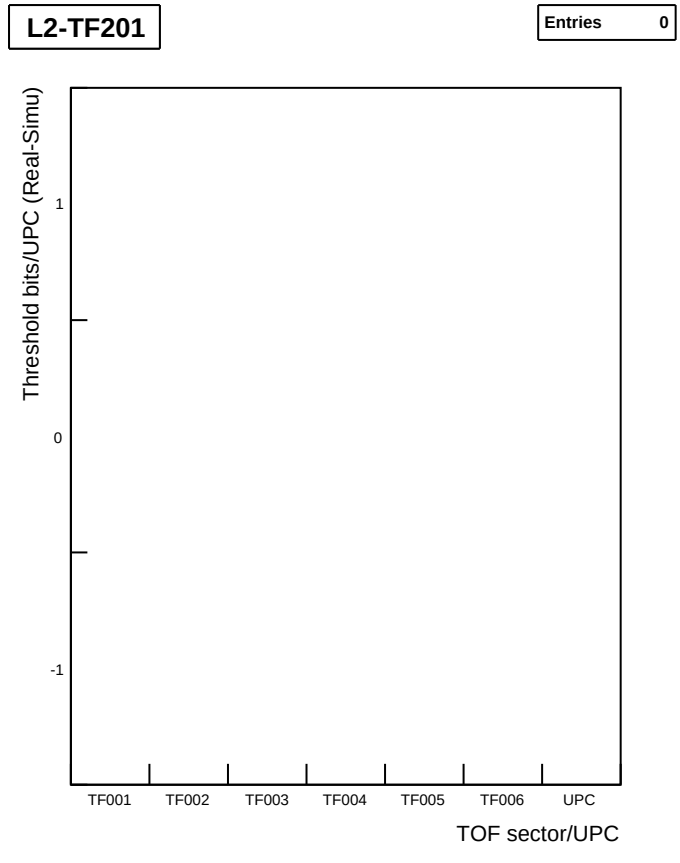

MIX-TF101
Entries 2468670
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

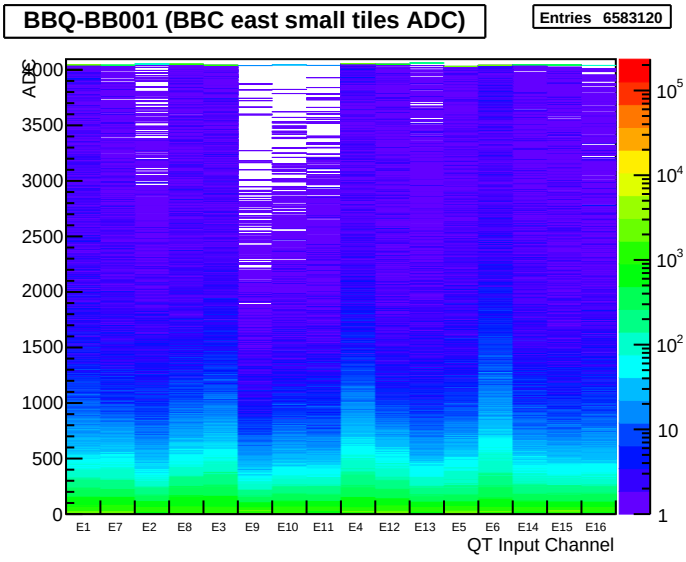

MIX-TF101
Entries 293878
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

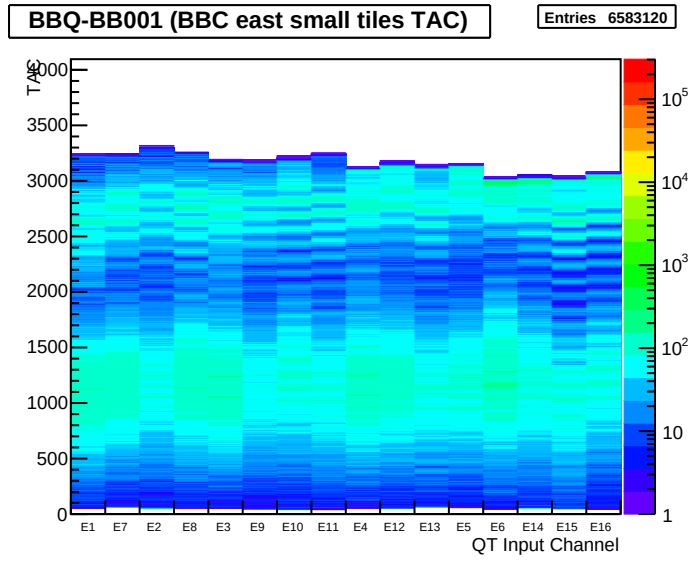

L2-TF201
Entries 411445
TOF total mult

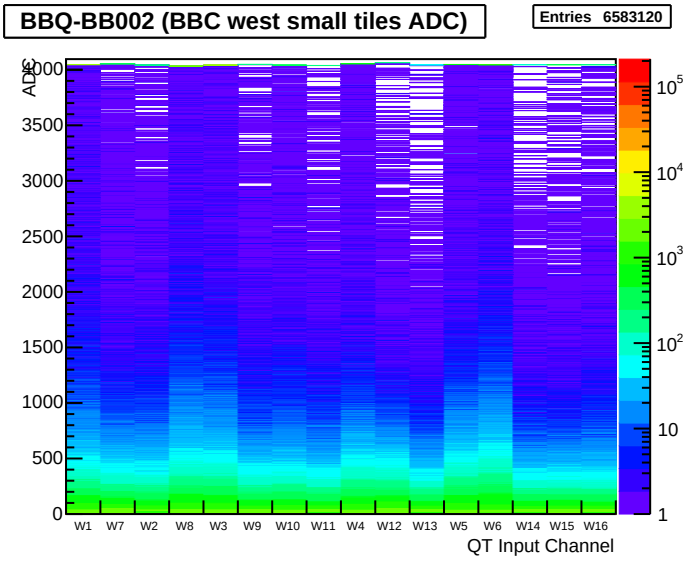

L2-TF201
Entries 0
TOF total mult(Real-Simu)

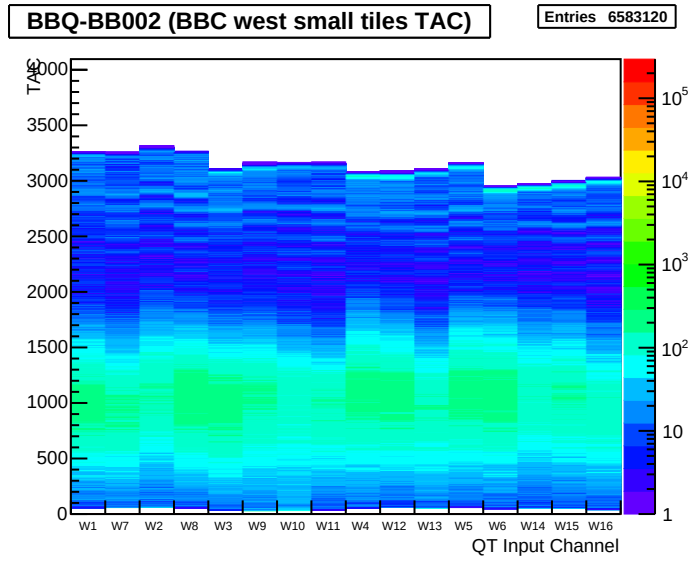

L2-TF201
Entries 2880115
Threshold/UPC bits
361248
363313
359673
363740
360549
358789
391871
50197
48132
51772
47705
50896
52656
19574
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

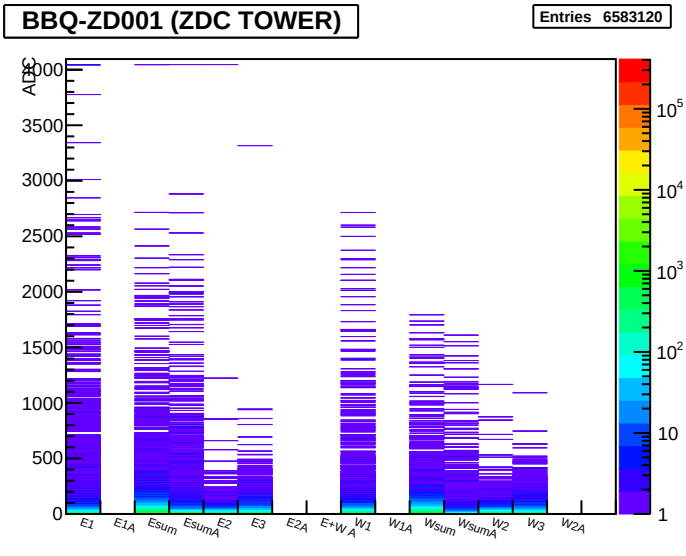

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

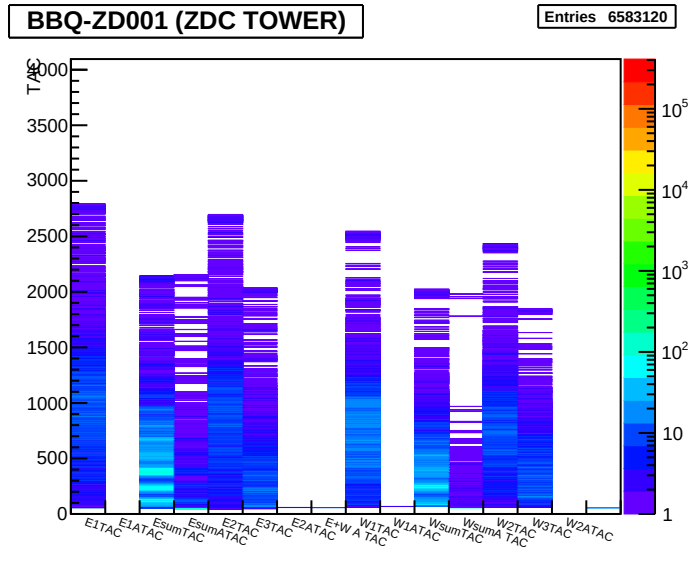

BBQ-BB001 (BBC east small tiles ADC)
Entries 6583120
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

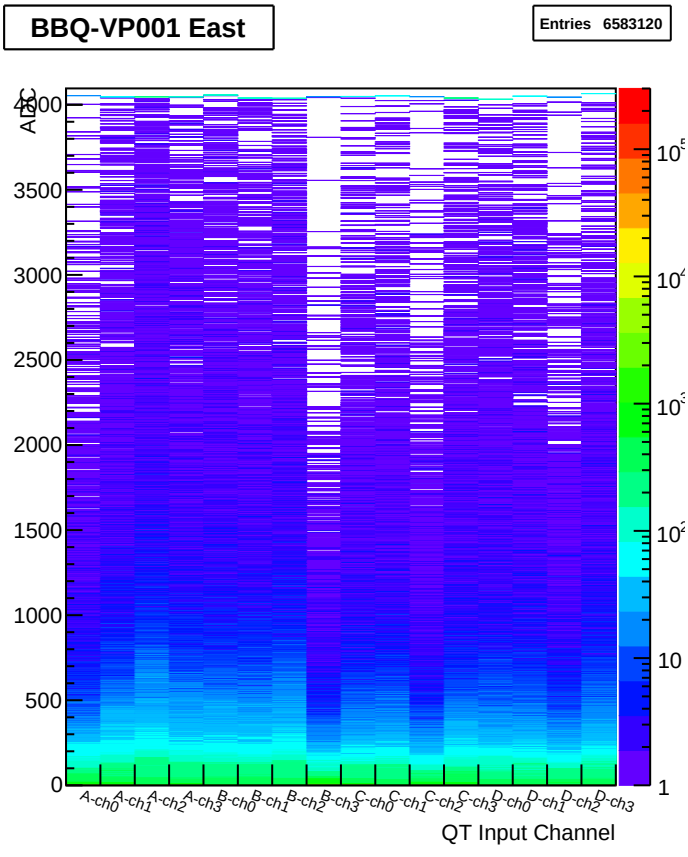

BBQ-BB001 (BBC east small tiles TAC)
Entries 6583120
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

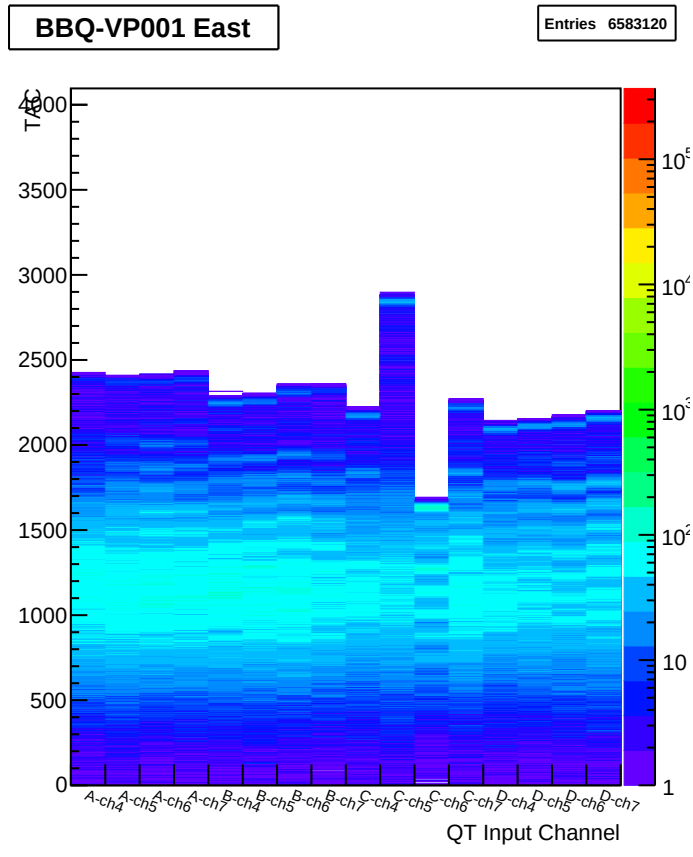

BBQ-BB002 (BBC west small tiles ADC)
Entries 6583120
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

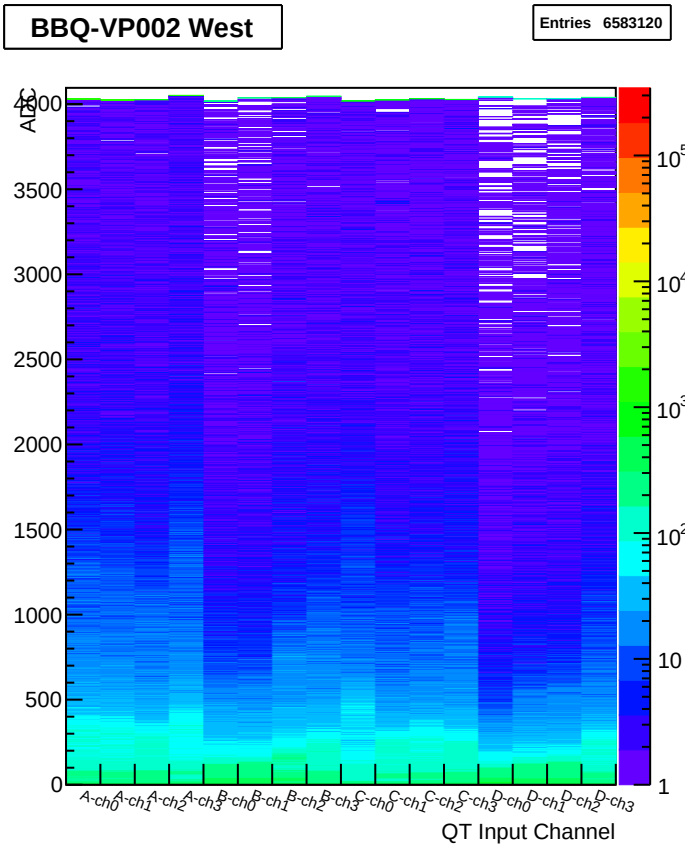

BBQ-BB002 (BBC west small tiles TAC)
Entries 6583120
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

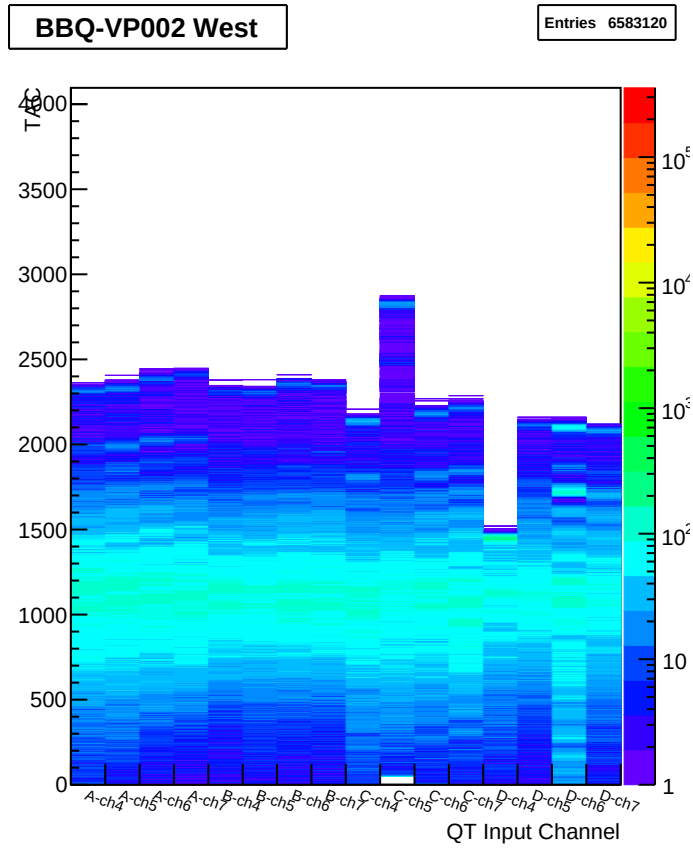

BBQ-ZD001 (ZDC TOWER)
Entries 6583120
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

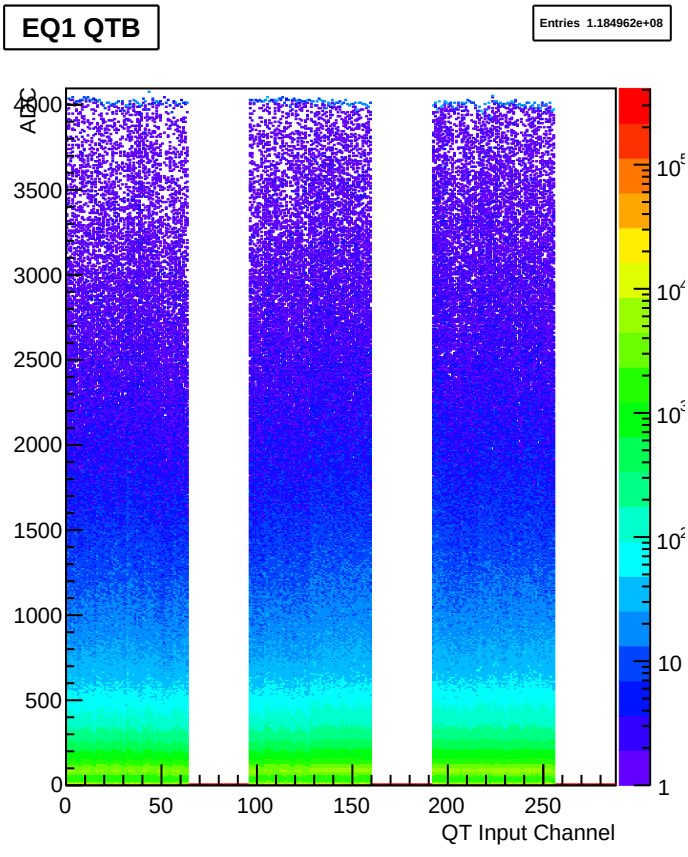

BBQ-ZD001 (ZDC TOWER)
Entries 6583120
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

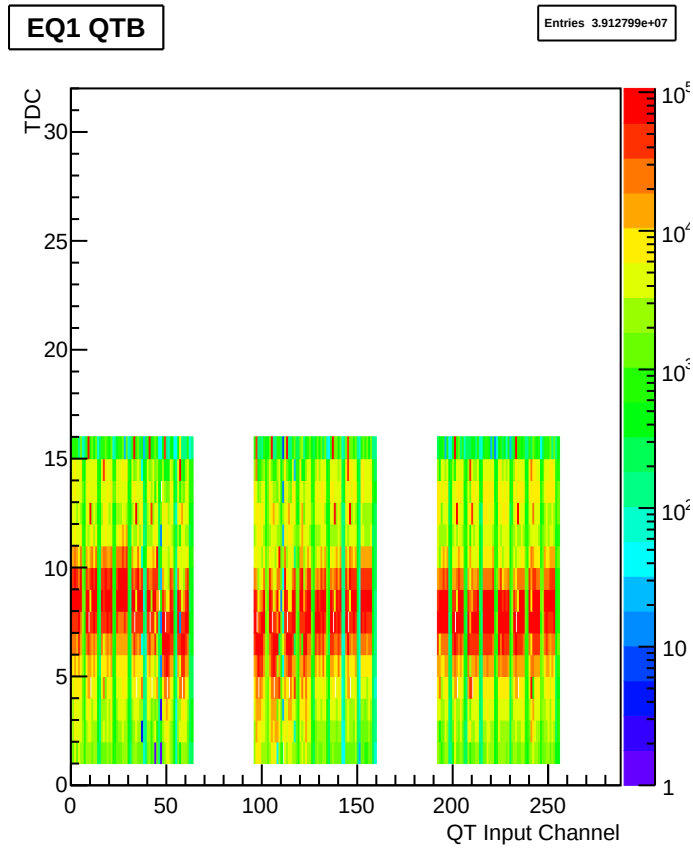

BBQ-VP001 East
Entries 6583120
ADC
QT Input Channel

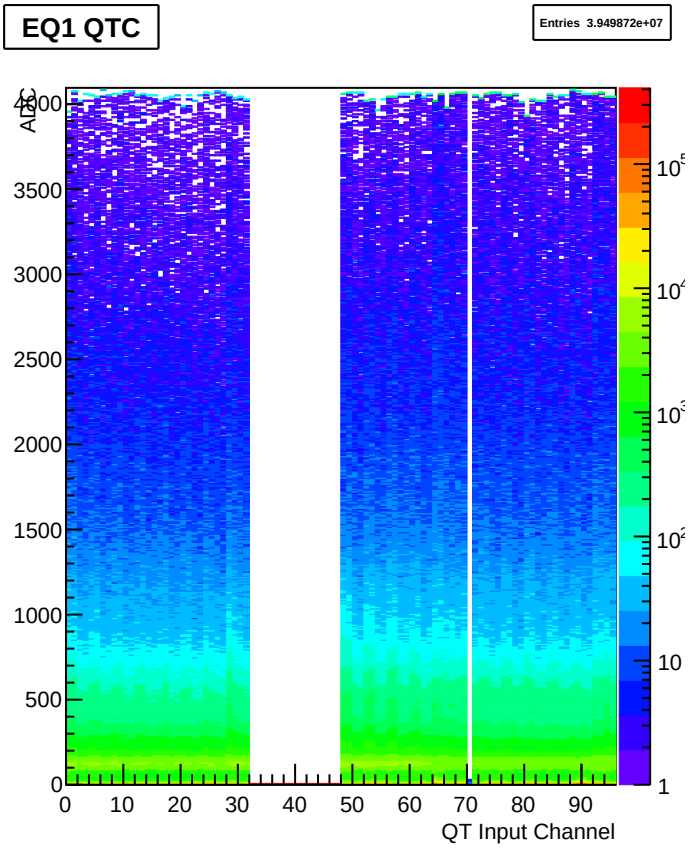

BBQ-VP001 East
Entries 6583120
ADC
QT Input Channel

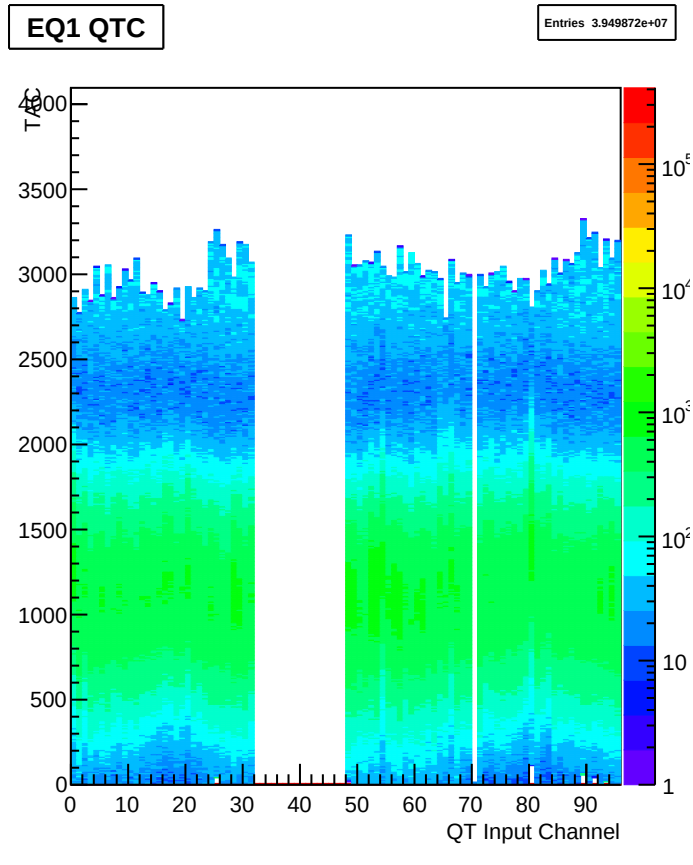

BBQ-VP002 West
Entries 6583120
ADC
QT Input Channel

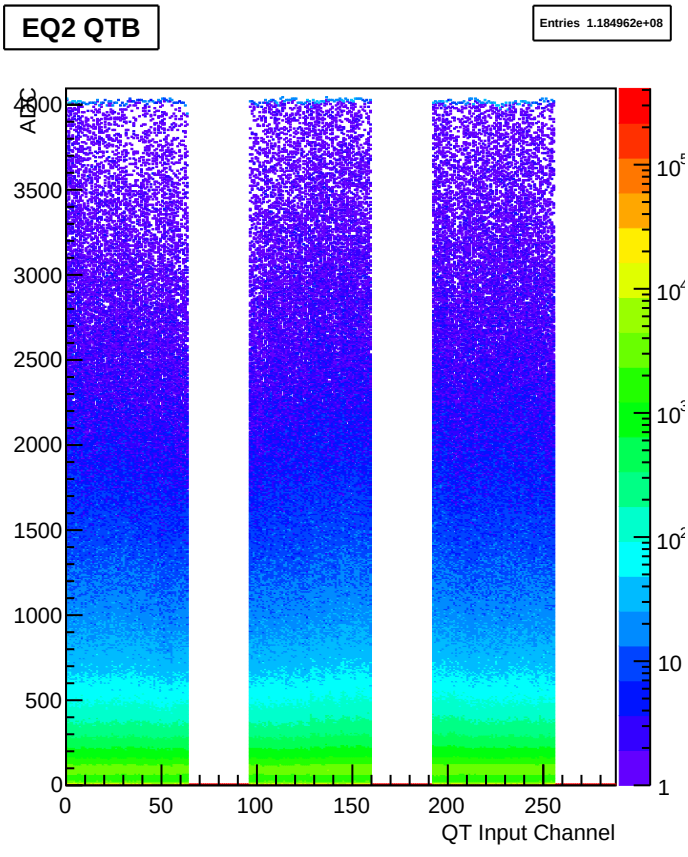

BBQ-VP002 West
Entries 6583120
ADC
QT Input Channel

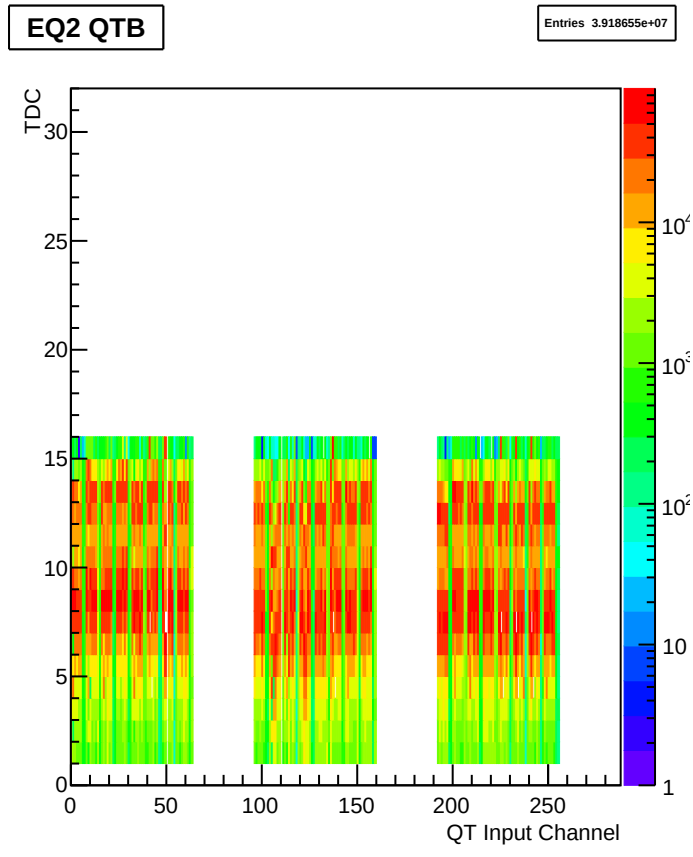

EQ1 QTB
Entries 1.184962e+08
ADC
QT Input Channel

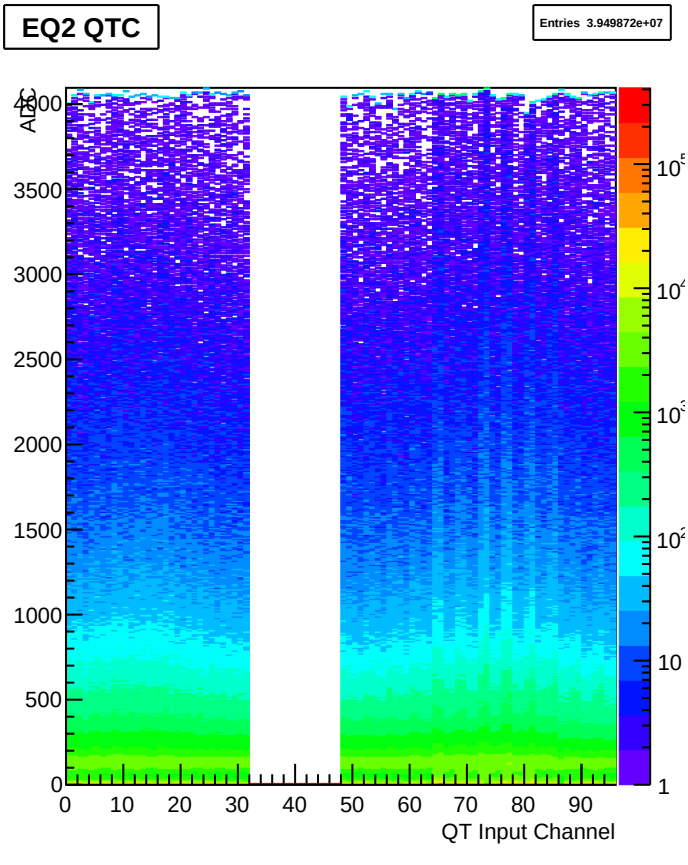

EQ1 QTB
Entries 3.912799e+07
TDC
QT Input Channel

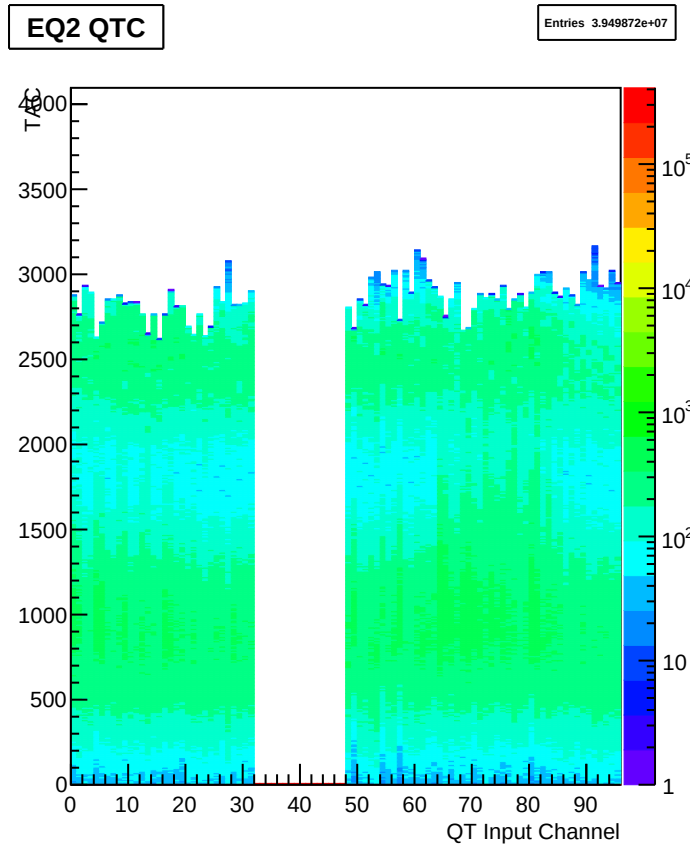

EQ1 QTC
Entries 3.949872e+07
ADC
QT Input Channel

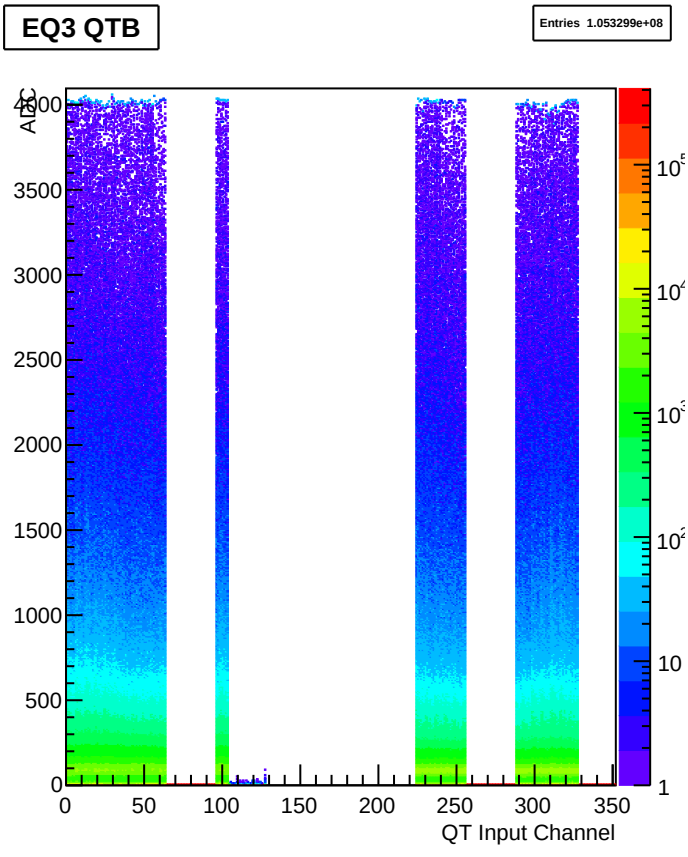

EQ1 QTC
Entries 3.949872e+07
TADC
QT Input Channel

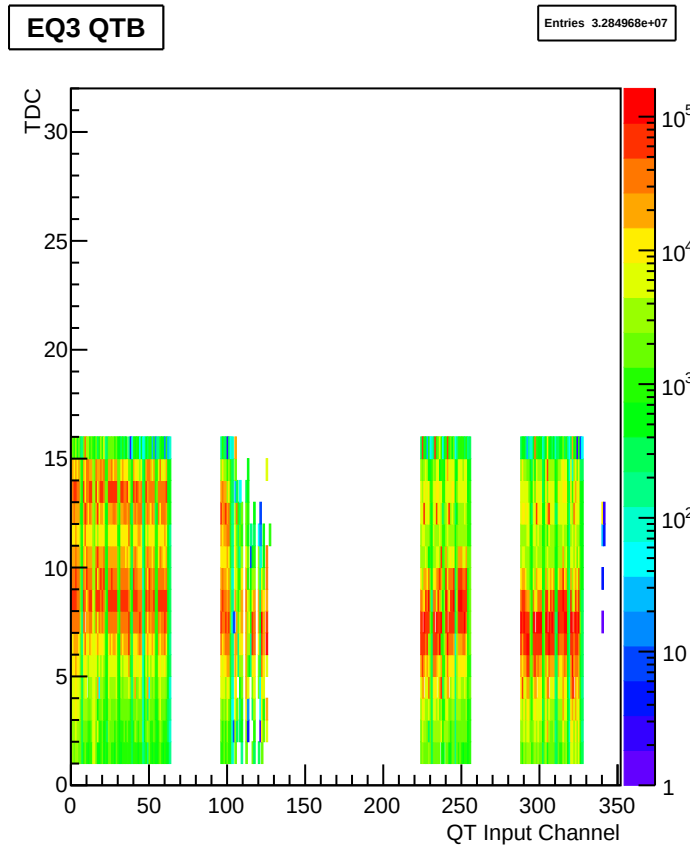

EQ2 QTB
Entries 1.184962e+08
ADC
QT Input Channel

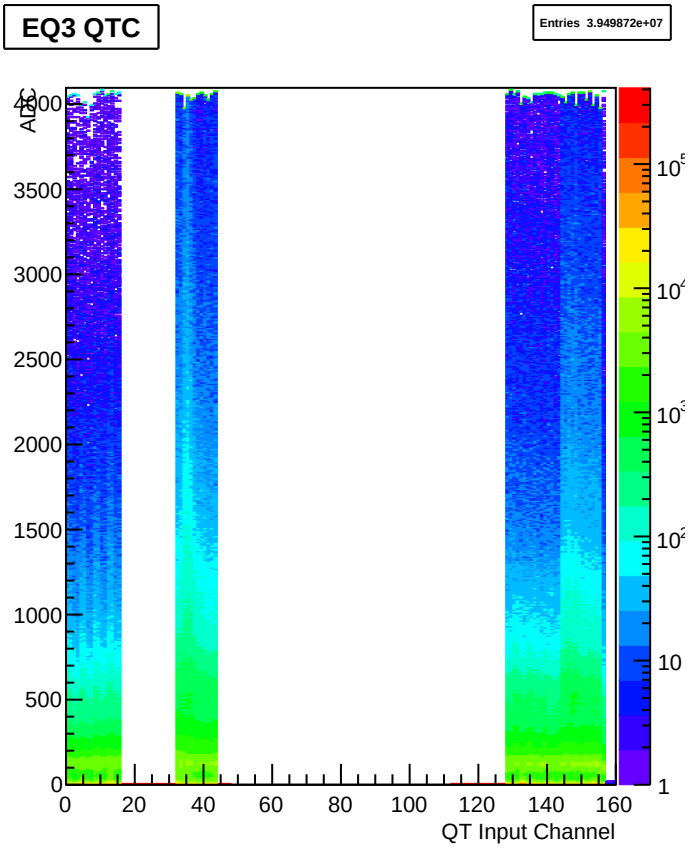

EQ2 QTB
Entries 3.918655e+07
TDC
QT Input Channel

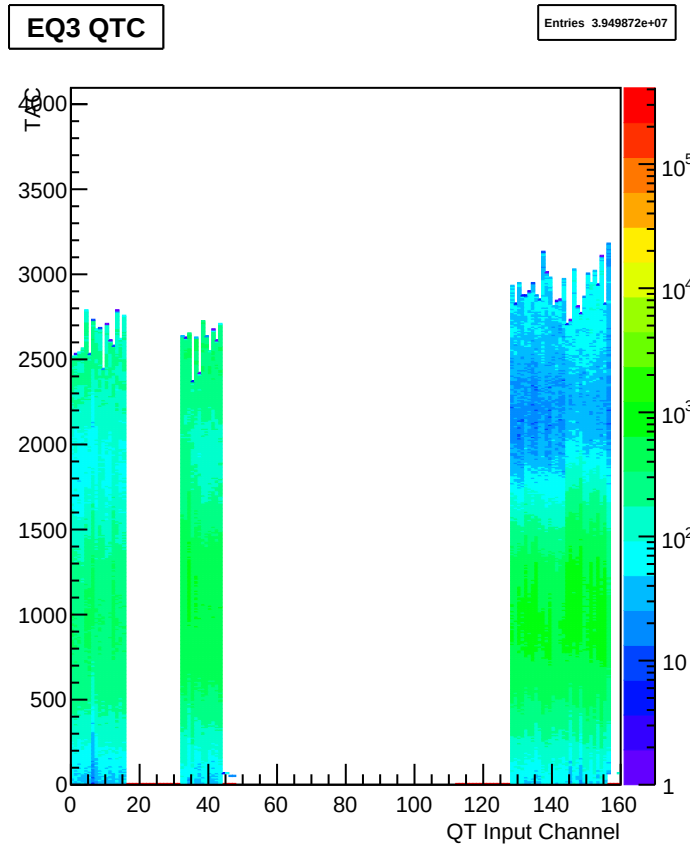

EQ2 QTC
Entries 3.949872e+07
ADC
QT Input Channel

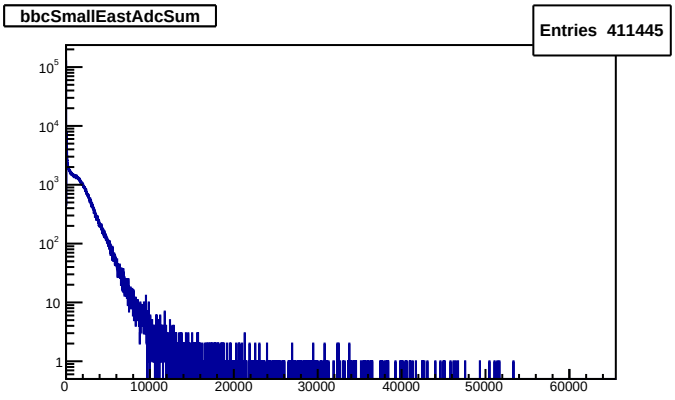

EQ2 QTC
Entries 3.949872e+07
TADC
QT Input Channel

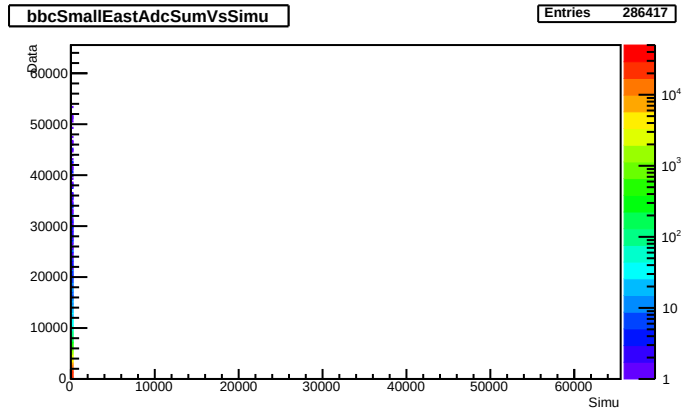

EQ3 QTB
Entries 1.053299e+08
ADC
QT Input Channel

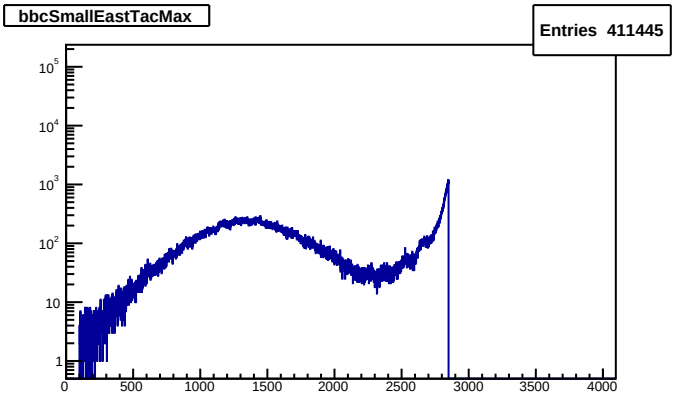

EQ3 QTB
Entries 3.284968e+07
TDC
QT Input Channel

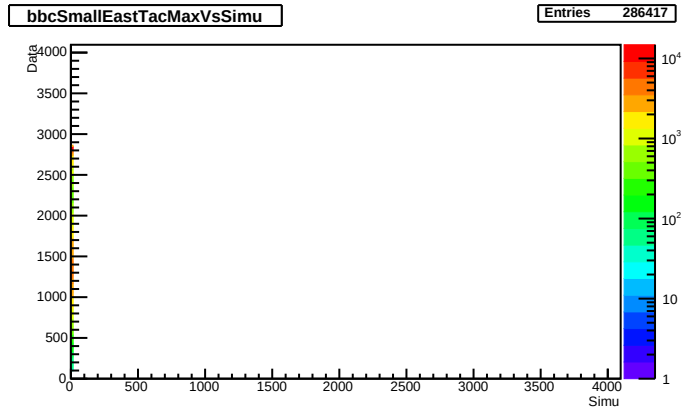

EQ3 QTC
Entries 3.949872e+07
ADC
QT Input Channel

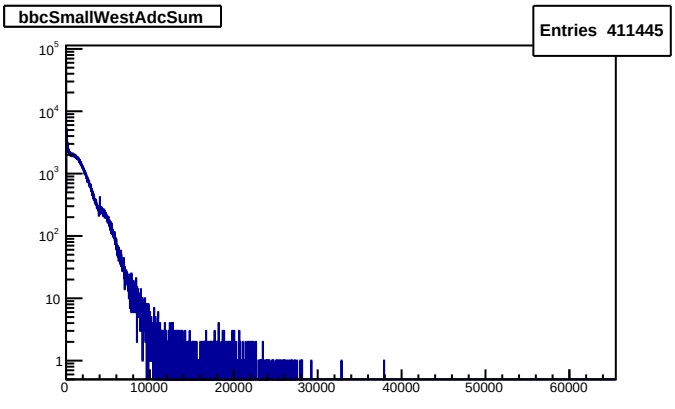

EQ3 QTC
Entries 3.949872e+07
TADC
QT Input Channel

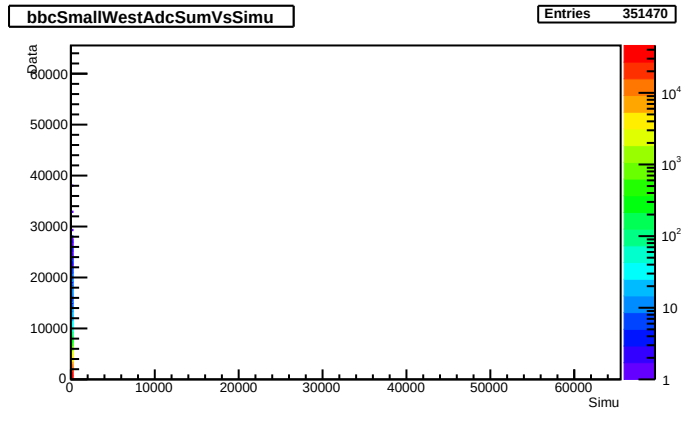

bbcSmallEastAdcSum
Entries 411445

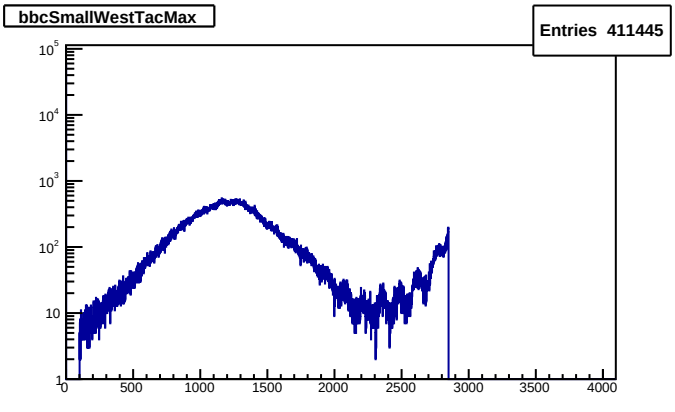

bbcSmallEastAdcSumVsSimu
Entries 286417
Data
Simu


bbcSmallEastTacMax
Entries 411445


bbcSmallEastTacMaxVsSimu
Entries 286417
Data
Simu


bbcSmallWestAdcSum
Entries 411445


bbcSmallWestAdcSumVsSimu
Entries 351470
Data
Simu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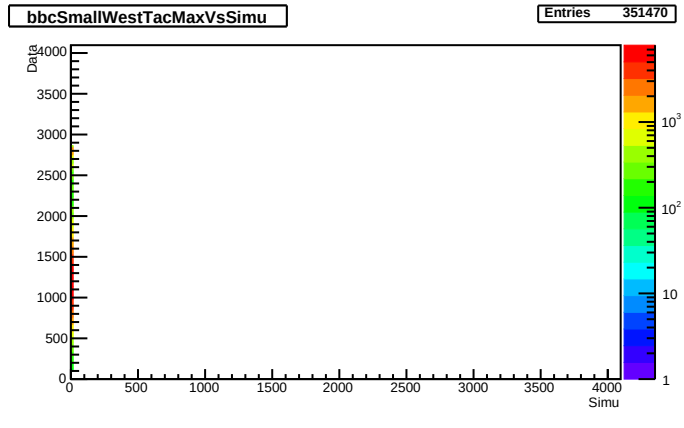
Entries 411445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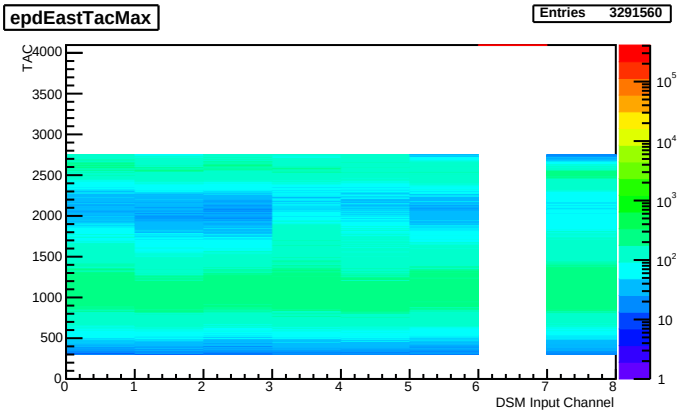
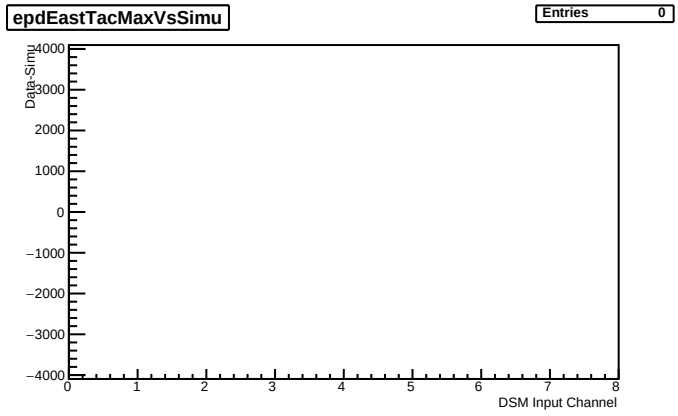
Entries 351470
Data
Simu


epdEastTacMax
Entries 3291560
TAC
DSM Input Channel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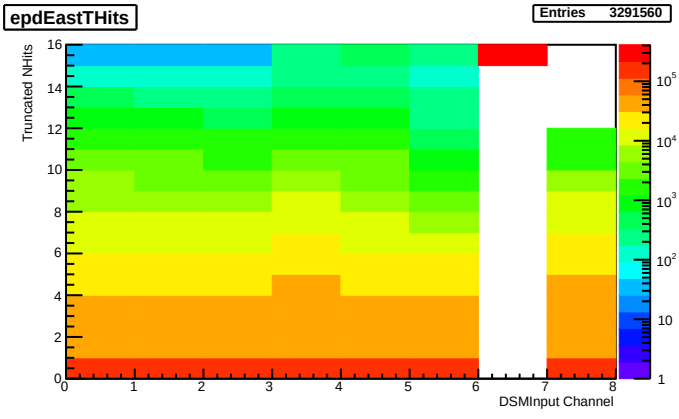
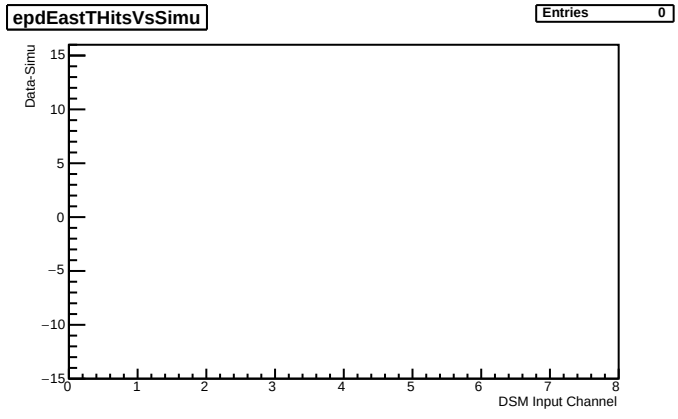
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3291560
Truncated NHits
DSMInput Channel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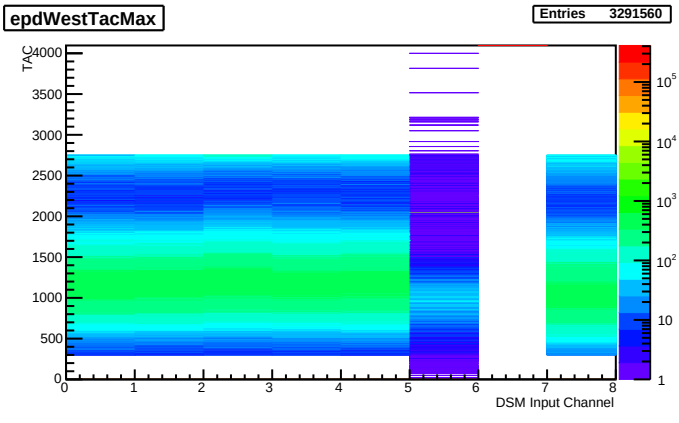
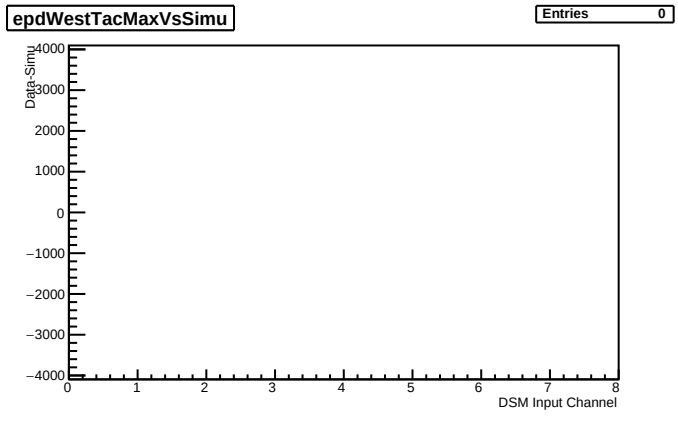
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3291560
TAC
DSM Input Channel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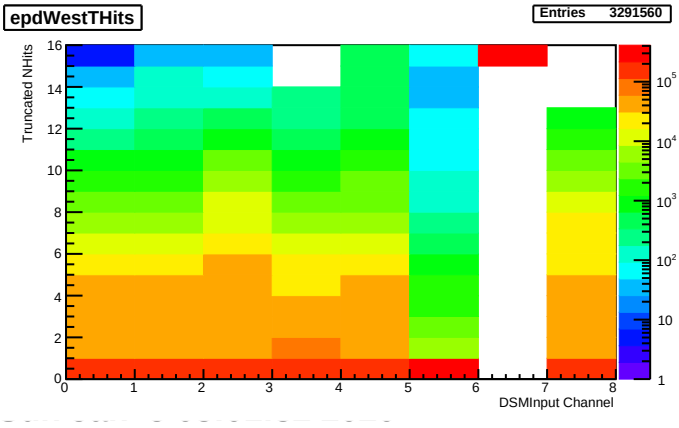
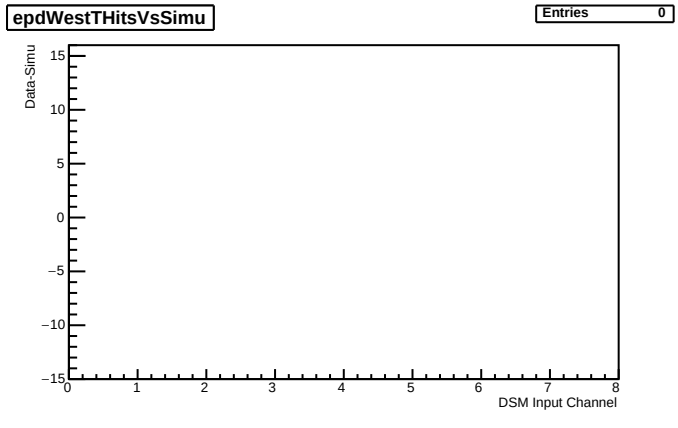
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3291560
Truncated NHits
DSMInput Channel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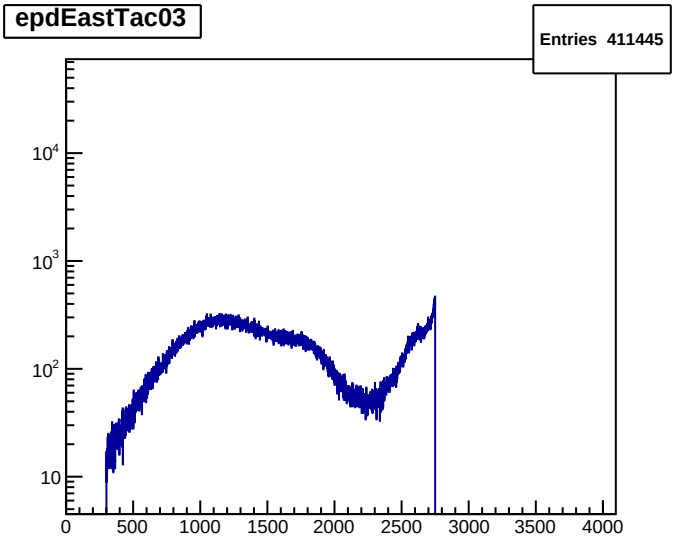
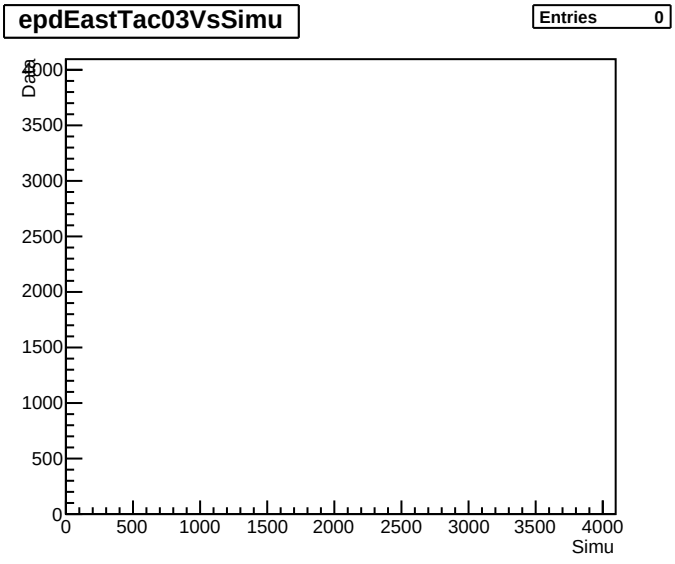
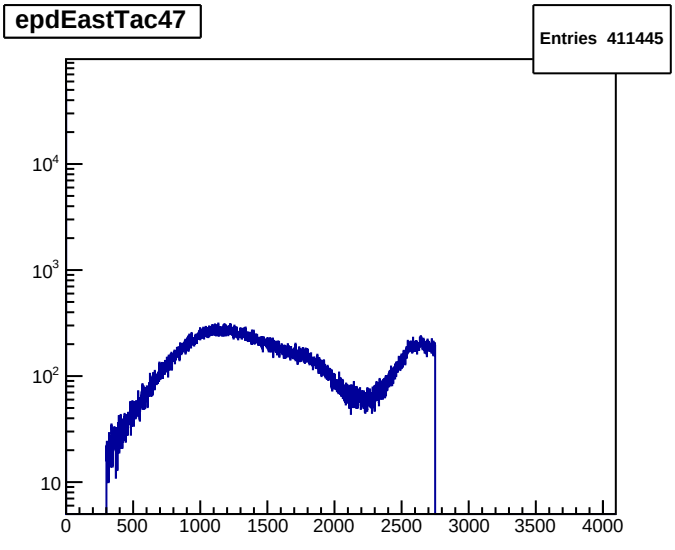
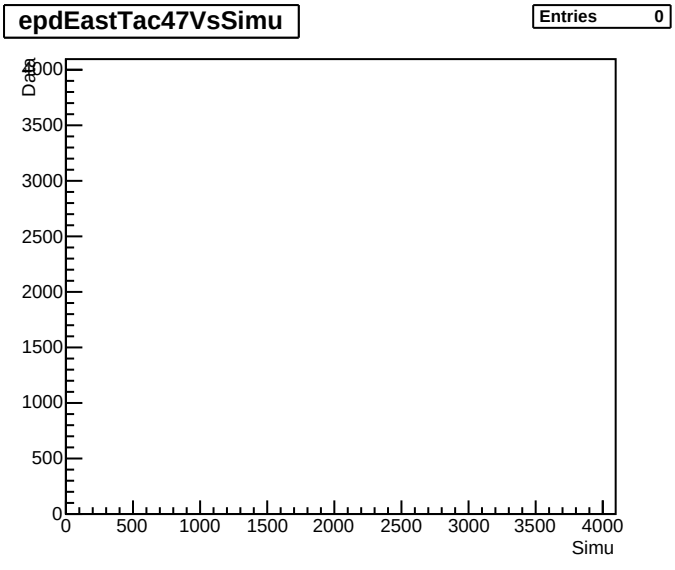
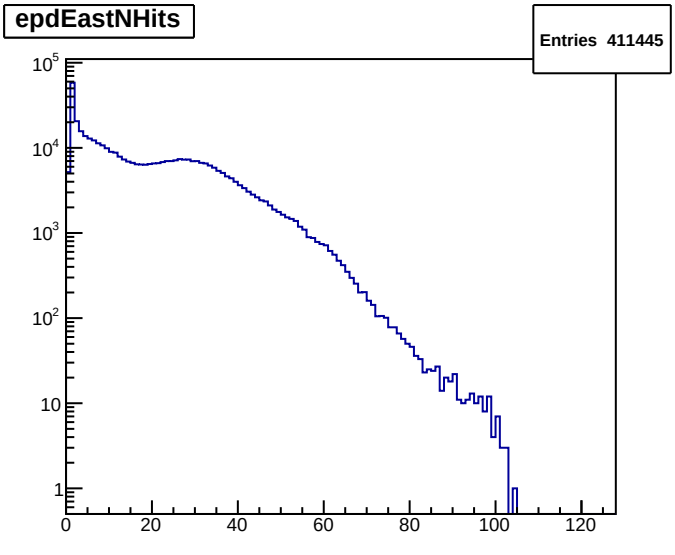
Entries 0
Data-Simu
DSM Input Channel

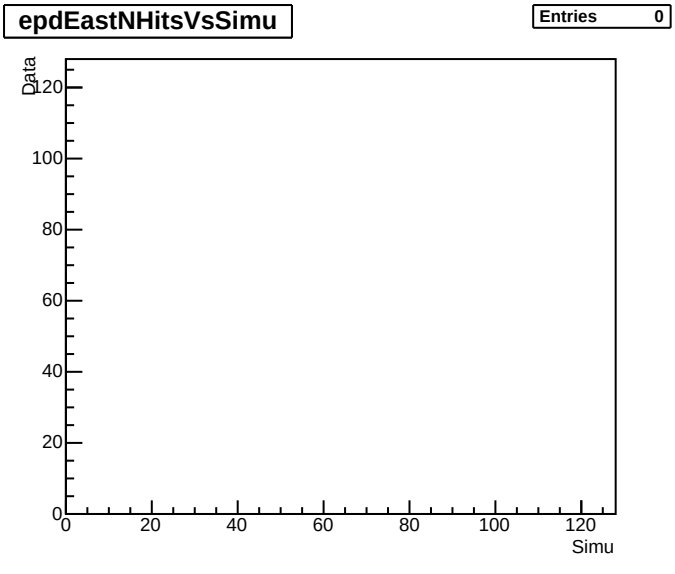

epdEastTac03
Entries 411445


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 411445


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 411445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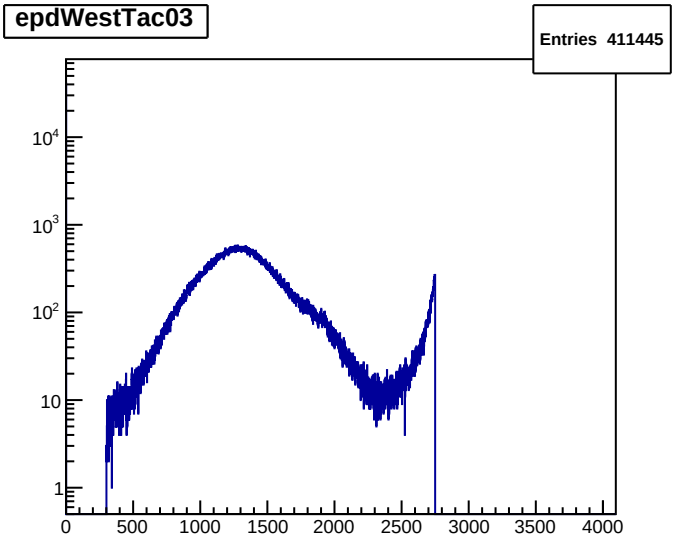
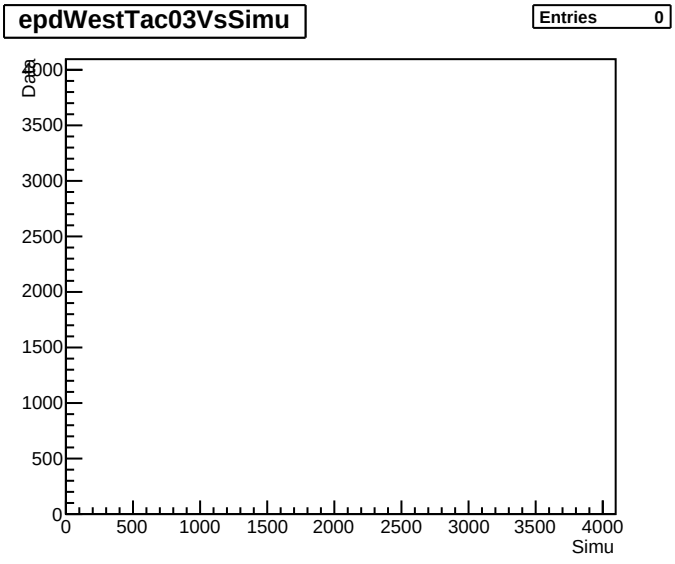
Entries 0
Data
Simu


epdWestTac03
Entries 411445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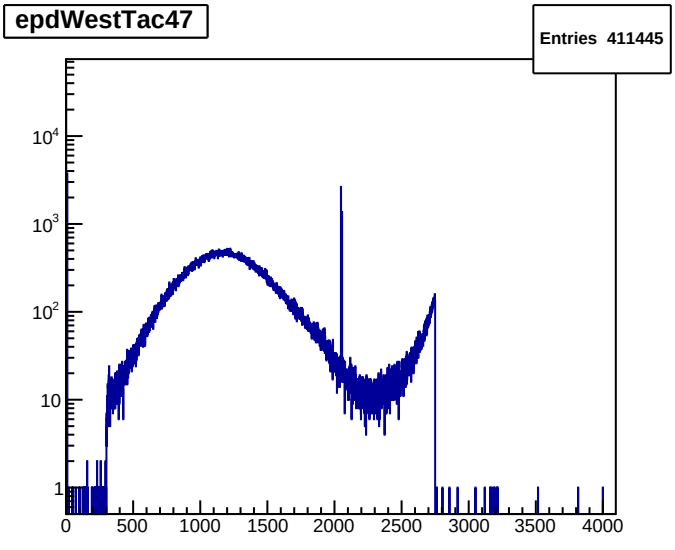
Entries 0
Data
Simu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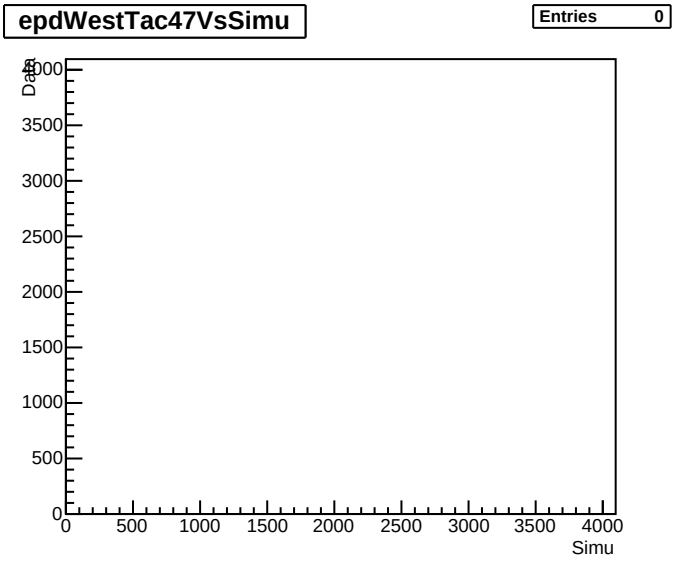
Entries 411445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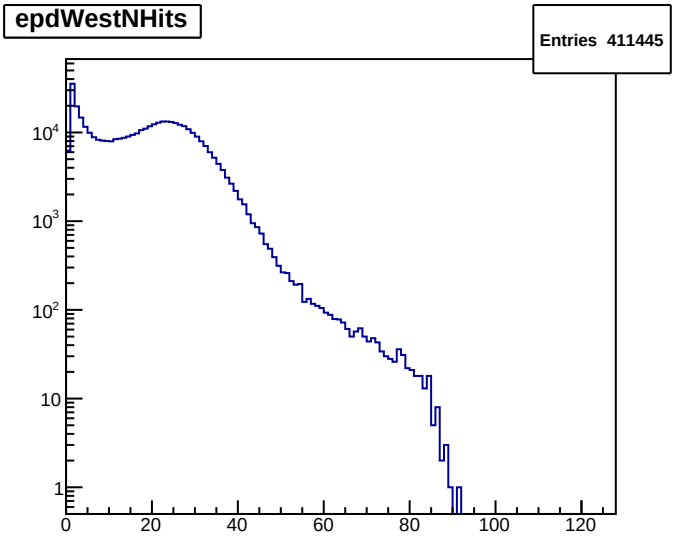
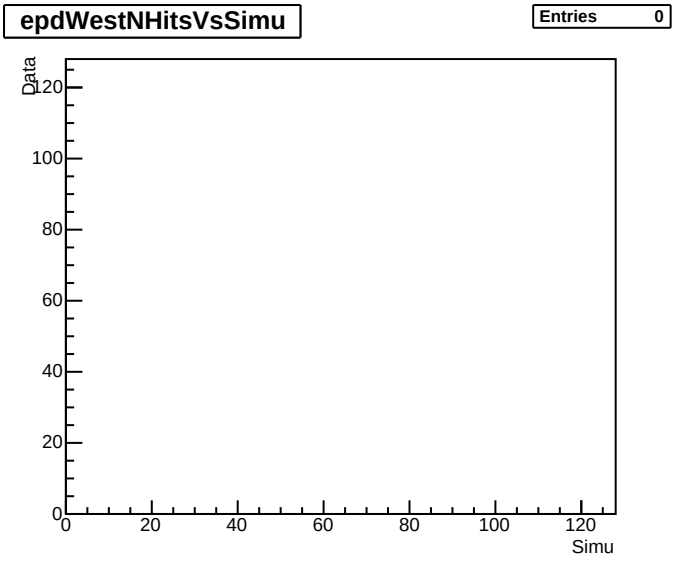
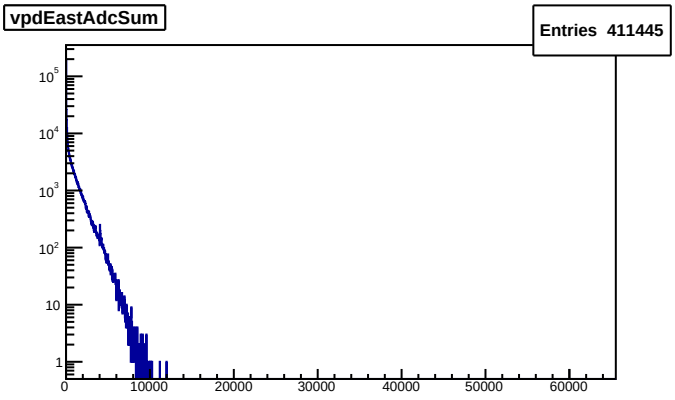
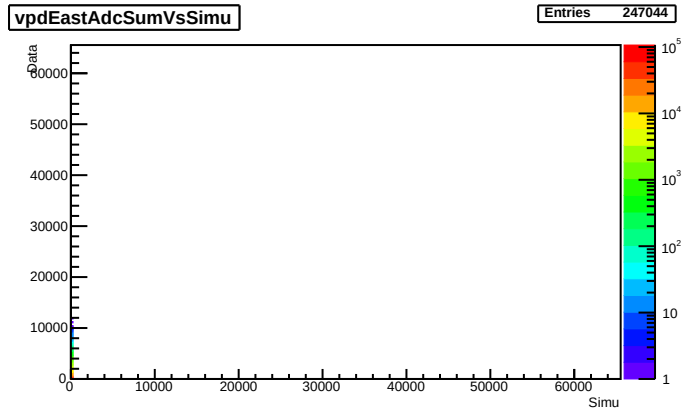
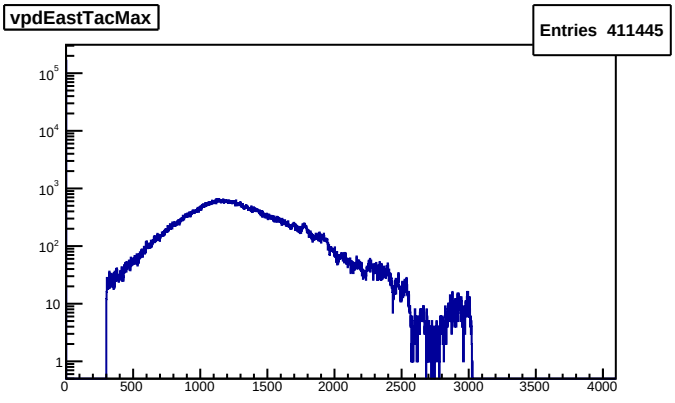
Entries 0
Data
Simu

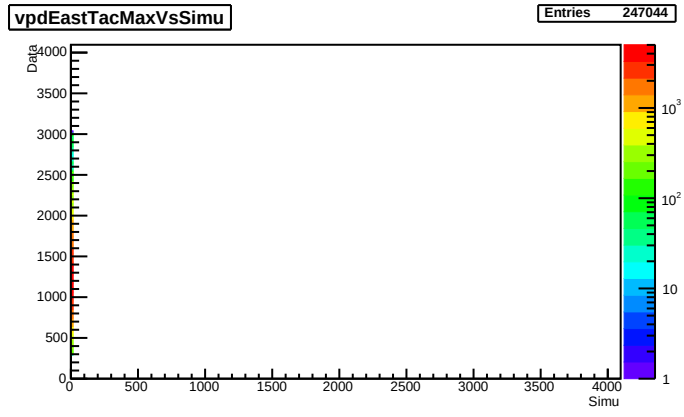

epdWestNHits
Entries 411445


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 411445


vpdEastAdcSumVsSimu
Entries 247044
Data
Simu


vpdEastTacMax
Entries 411445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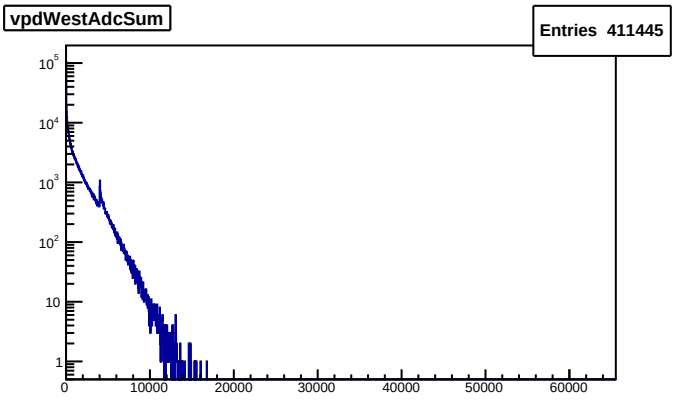
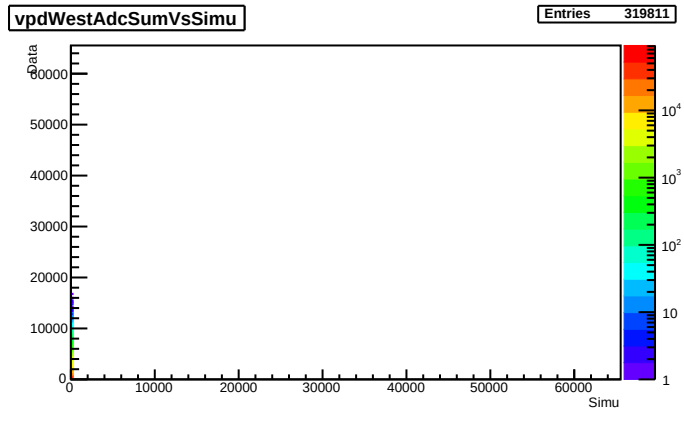
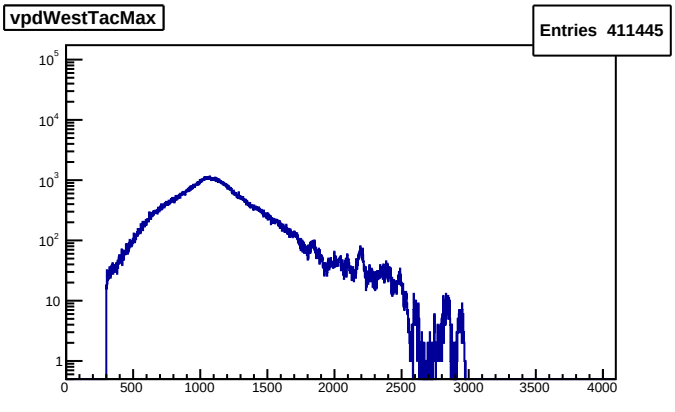
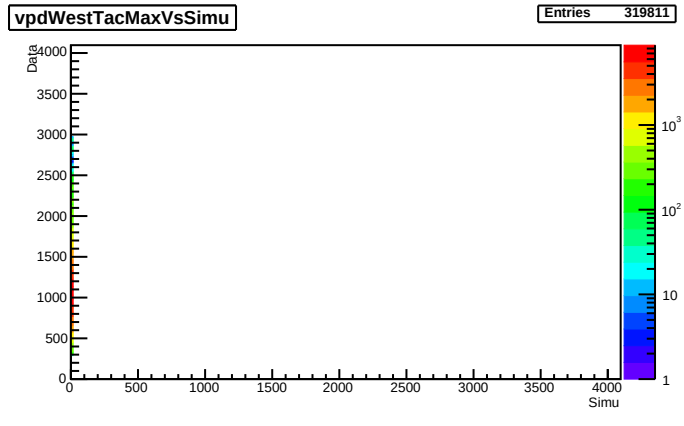
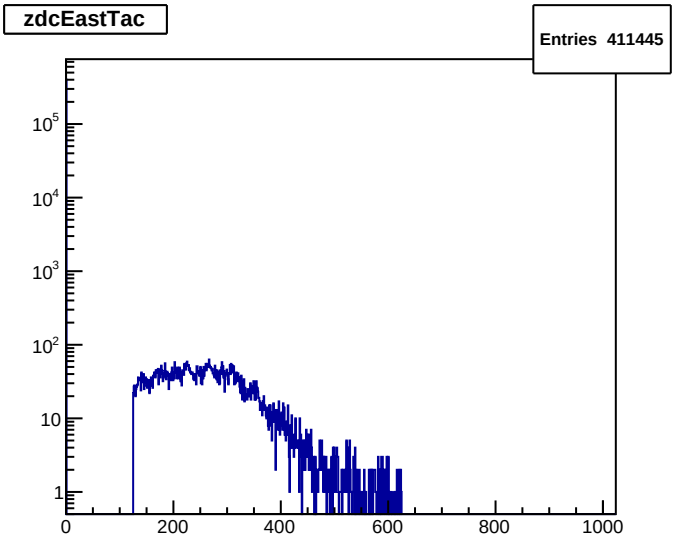
Entries 247044
Data
Simu

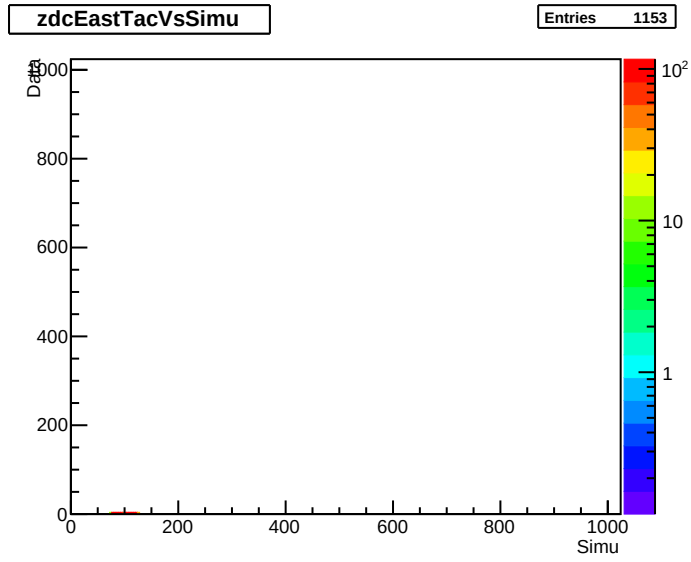

vpdWestAdcSum
Entries 411445

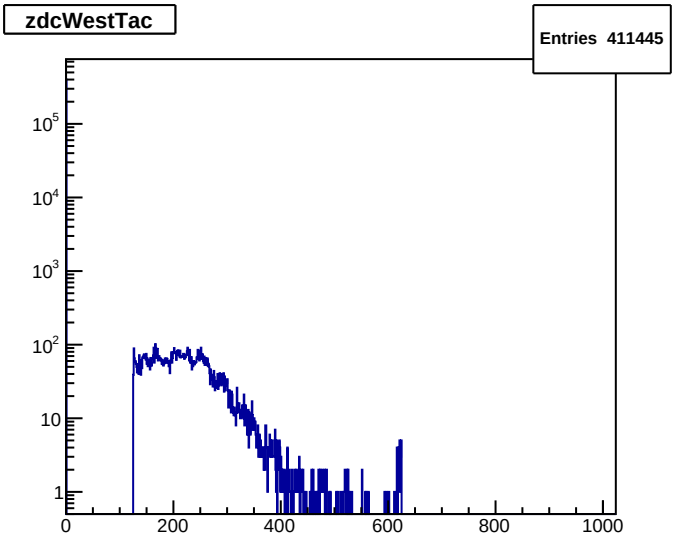

vpdWestAdcSumVsSimu
Entries 319811
Data
Simu

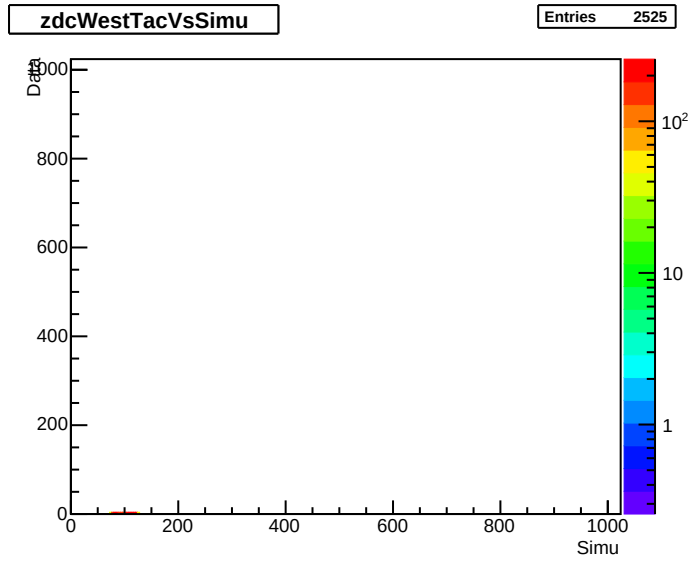

vpdWestTacMax
Entries 411445

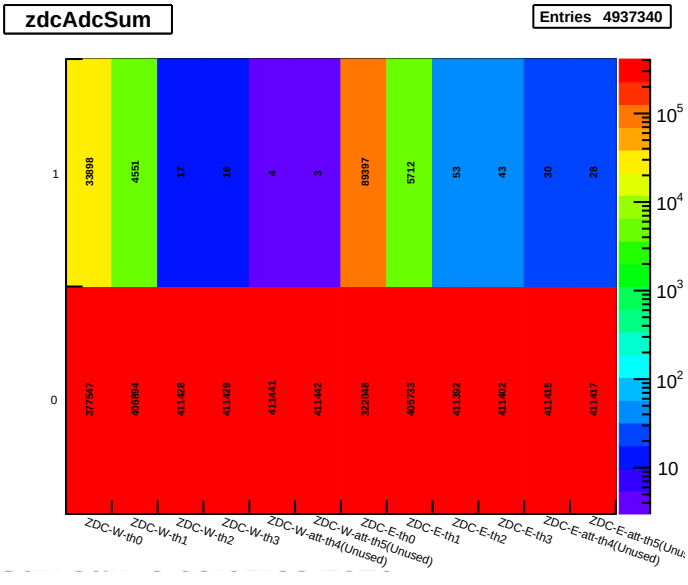

vpdWestTacMaxVsSimu
Entries 319811
Data
Simu

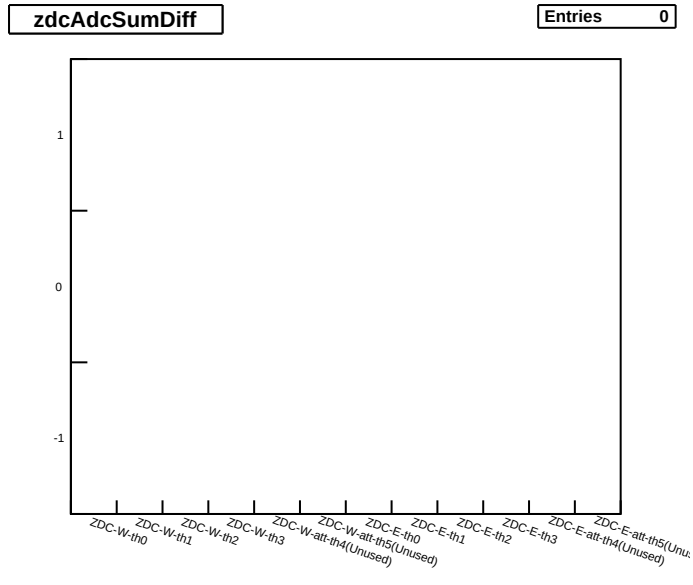

zdcEastTac
Entries 411445

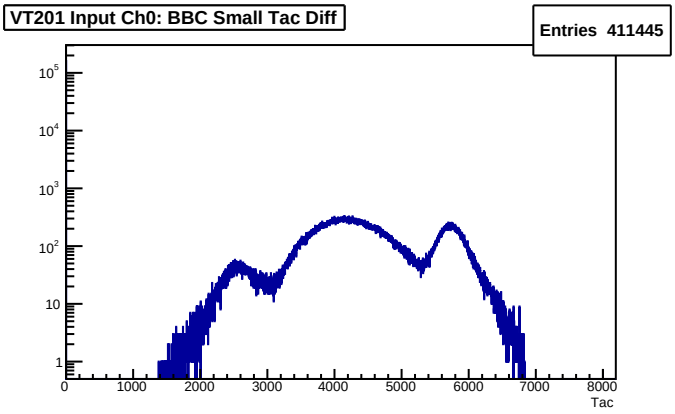

zdcEastTacVsSimu
Entries 1153
Data
Simu

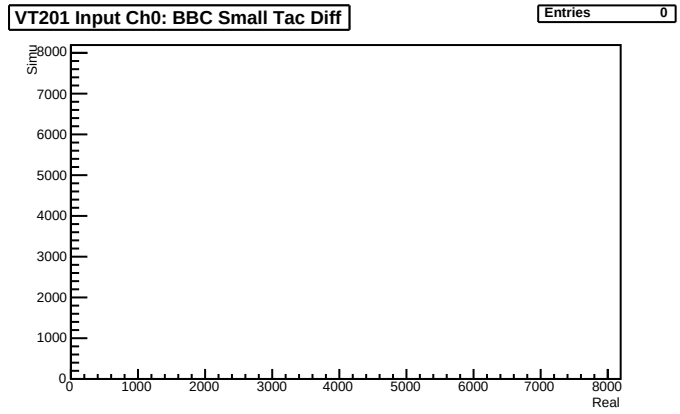

zdcWestTac
Entries 411445

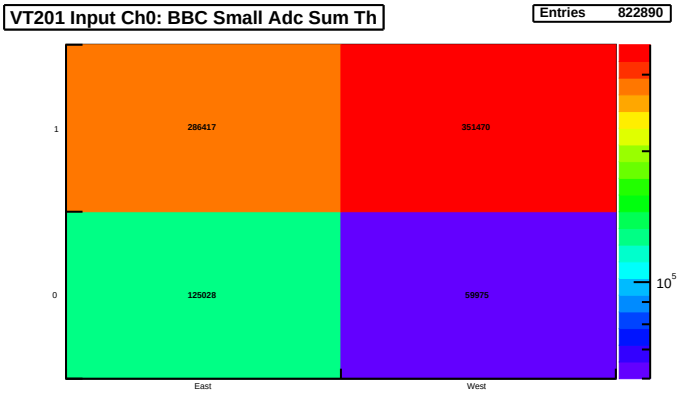

zdcWestTacVsSimu
Entries 2525
Data
Simu

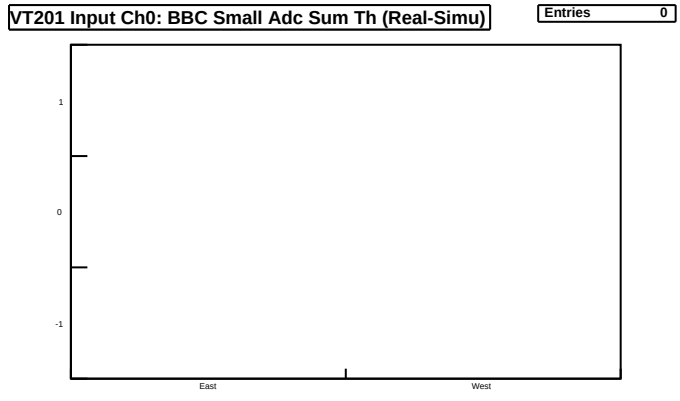

zdcAdcSum
Entries 4937340
33898
4551
17
16
4
3
89397
5712
53
43
30
28
377547
406894
411428
411429
411441
411442
322048
405733
411392
411402
411415
411417
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

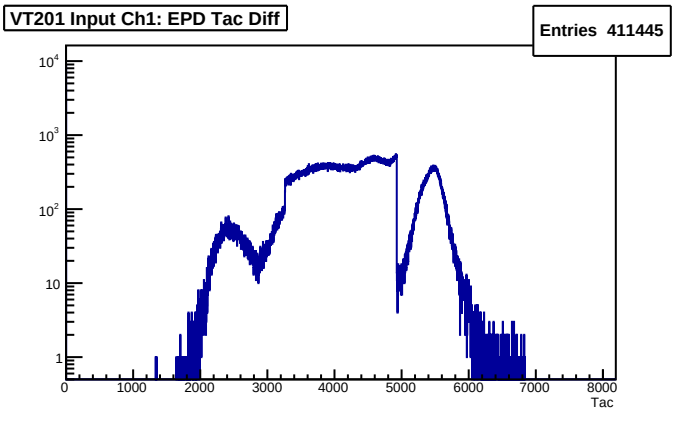

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

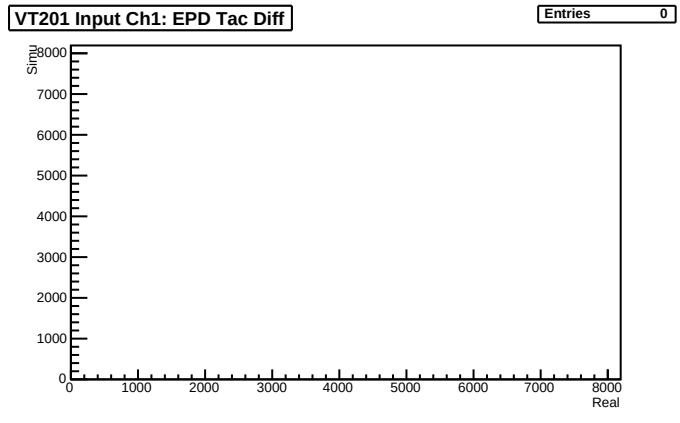

VT201 Input Ch0: BBC Small Tac Diff
Entries 411445
Tac

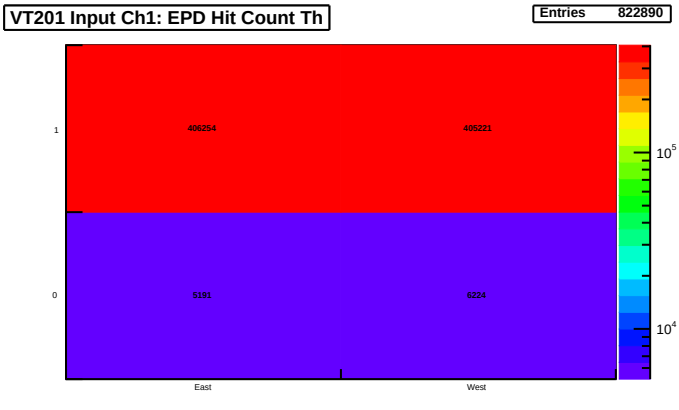

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

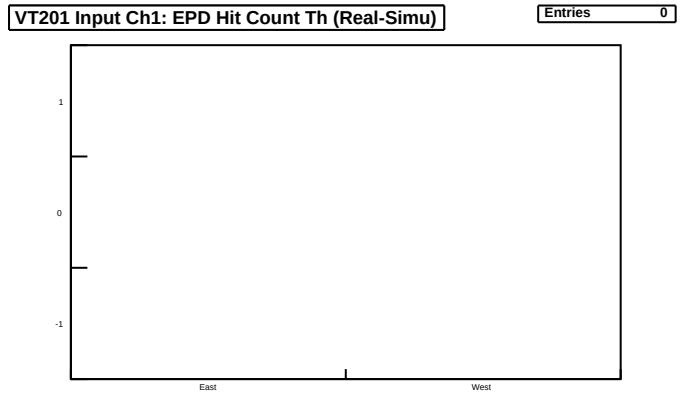

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 822890
286417
351470
125028
59975
East
West

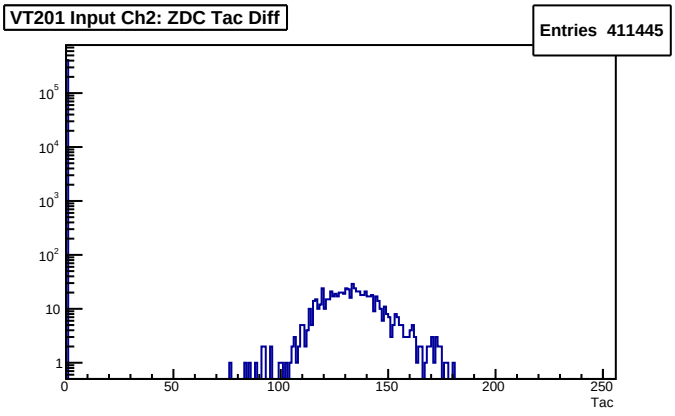

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

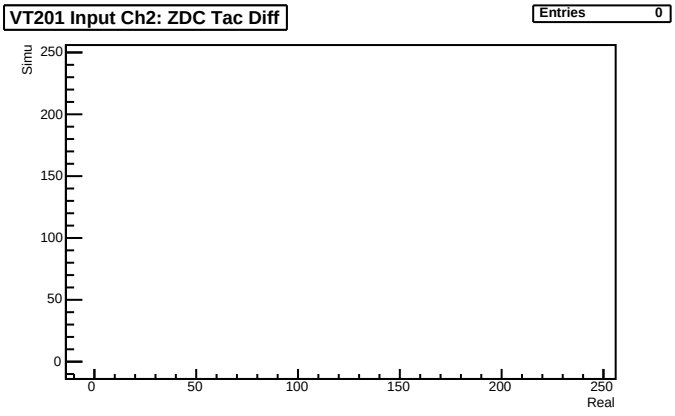

VT201 Input Ch1: EPD Tac Diff
Entries 411445
Tac

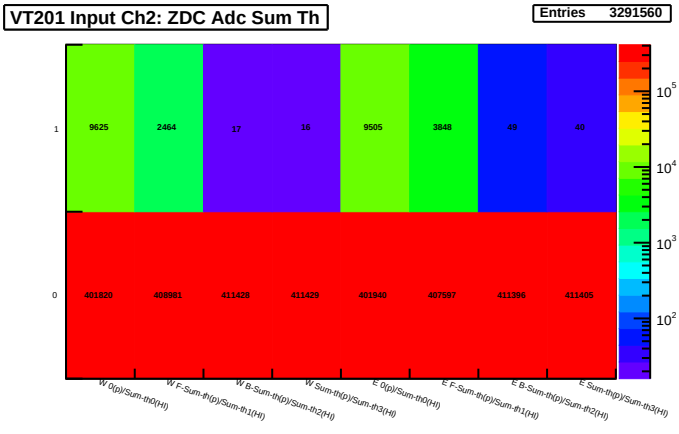

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

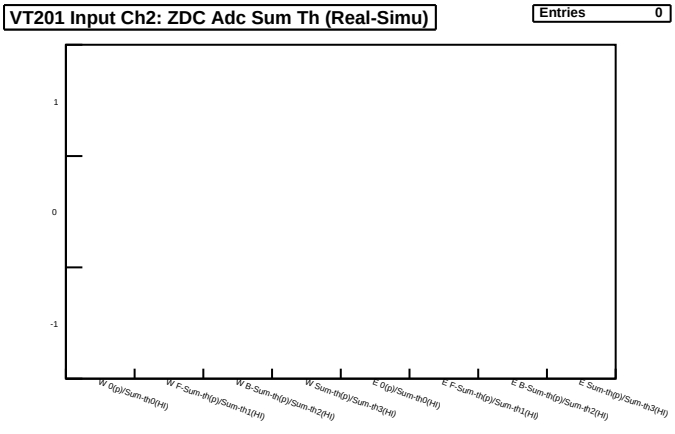

VT201 Input Ch1: EPD Hit Count Th
Entries 822890
406254
405221
5191
6224
East
West

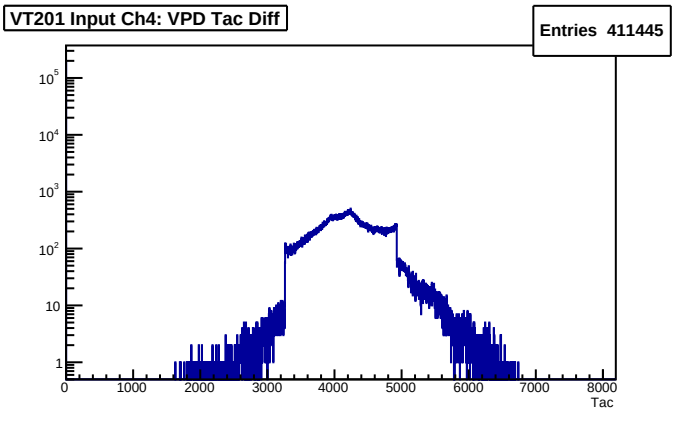

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

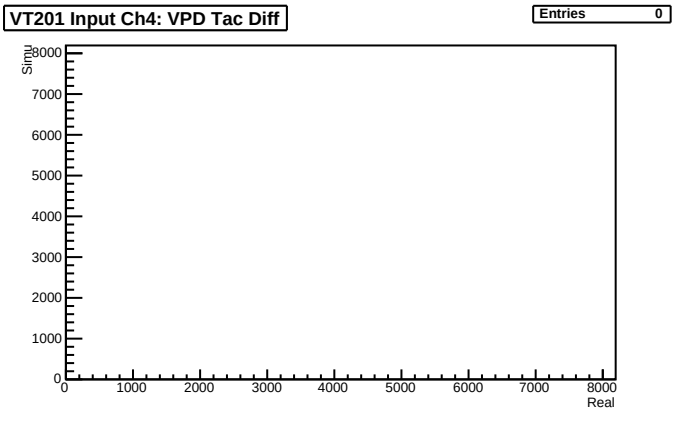

VT201 Input Ch2: ZDC Tac Diff
Entries 411445
Tac

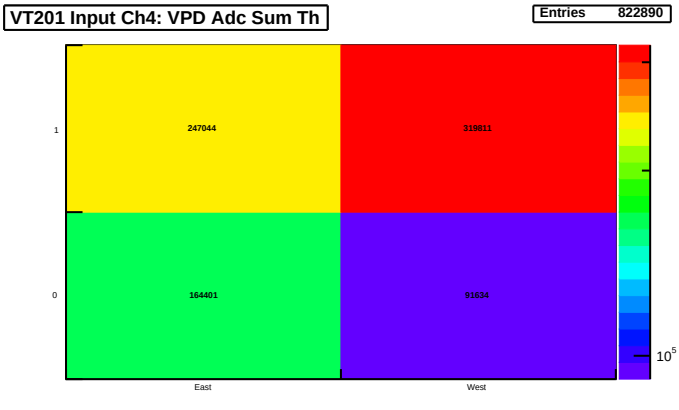

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

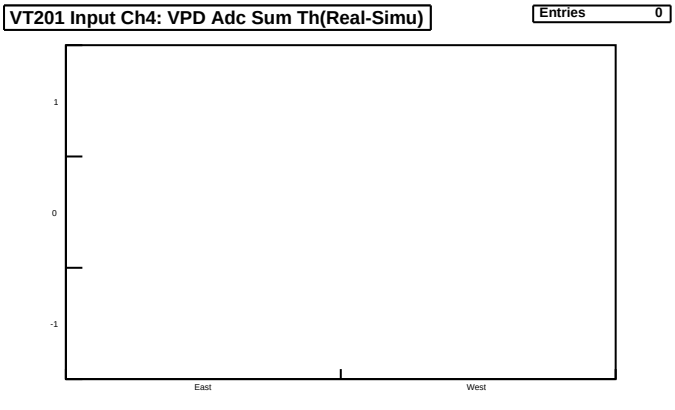

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3291560
9625
2464
17
16
9505
3848
49
40
401820
408981
411428
411429
401940
407597
411396
411405
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

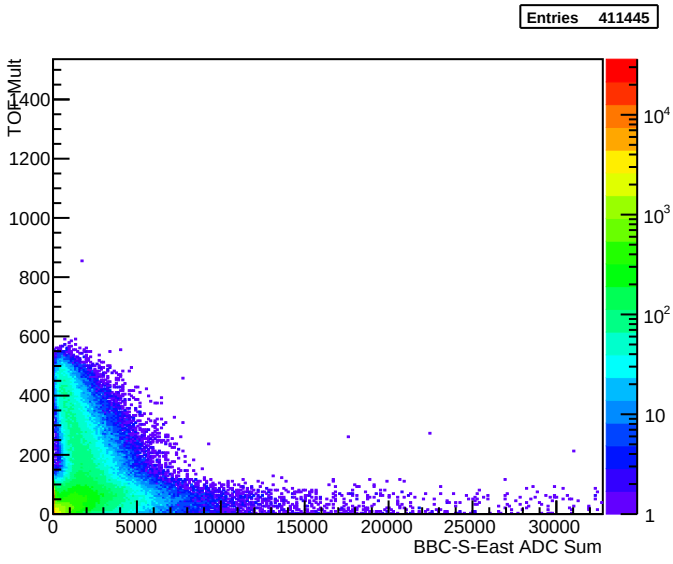

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

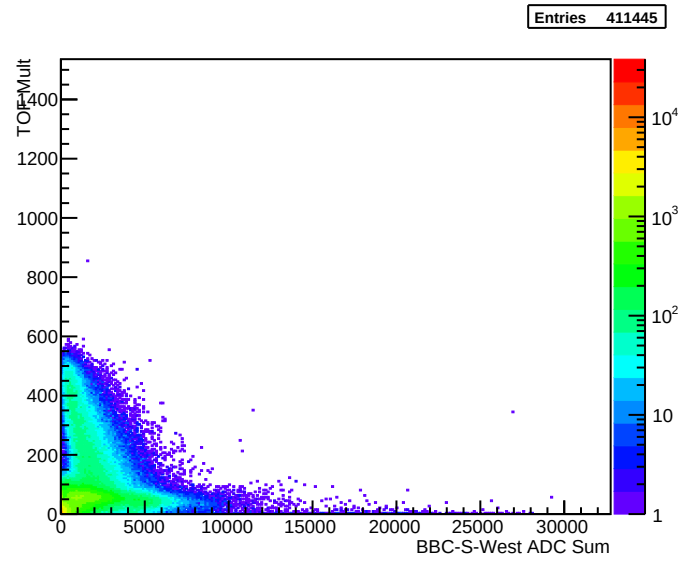

VT201 Input Ch4: VPD Tac Diff
Entries 411445
Tac

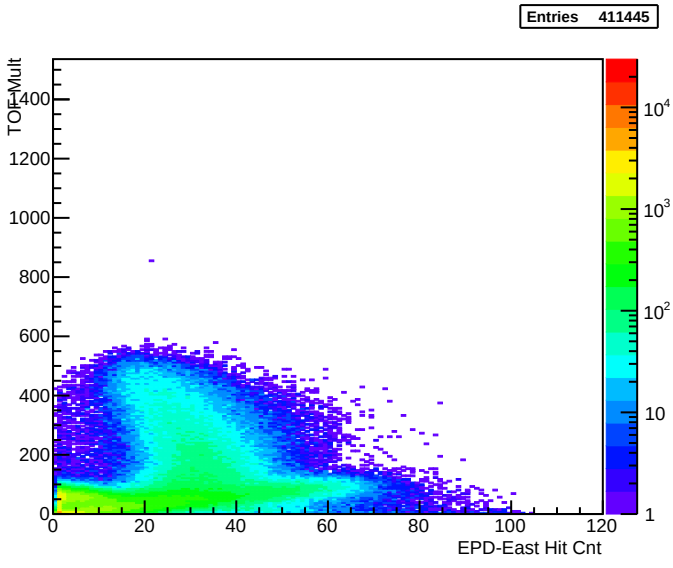

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

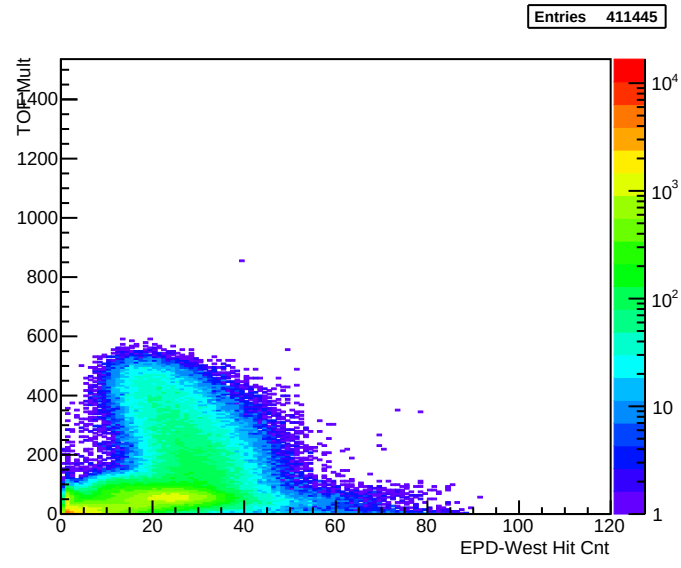

VT201 Input Ch4: VPD Adc Sum Th
Entries 822890
247044
319811
164401
91634
East
West

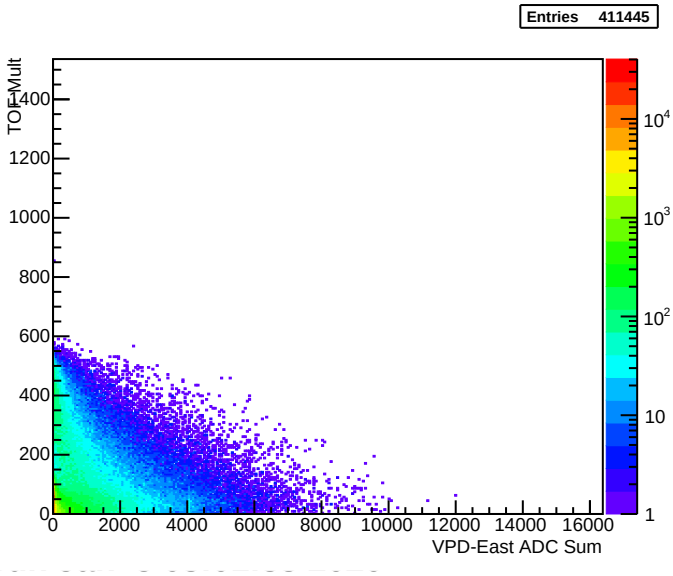

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

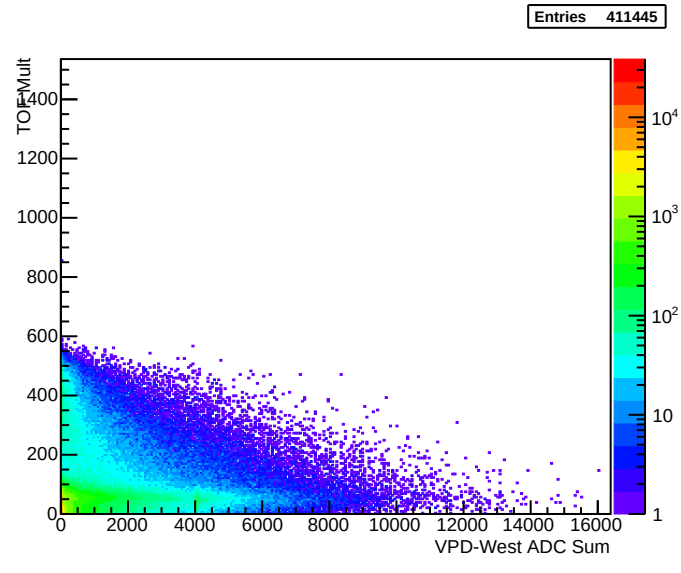

Entries 411445
TOF-Mult
BBC-S-East ADC Sum

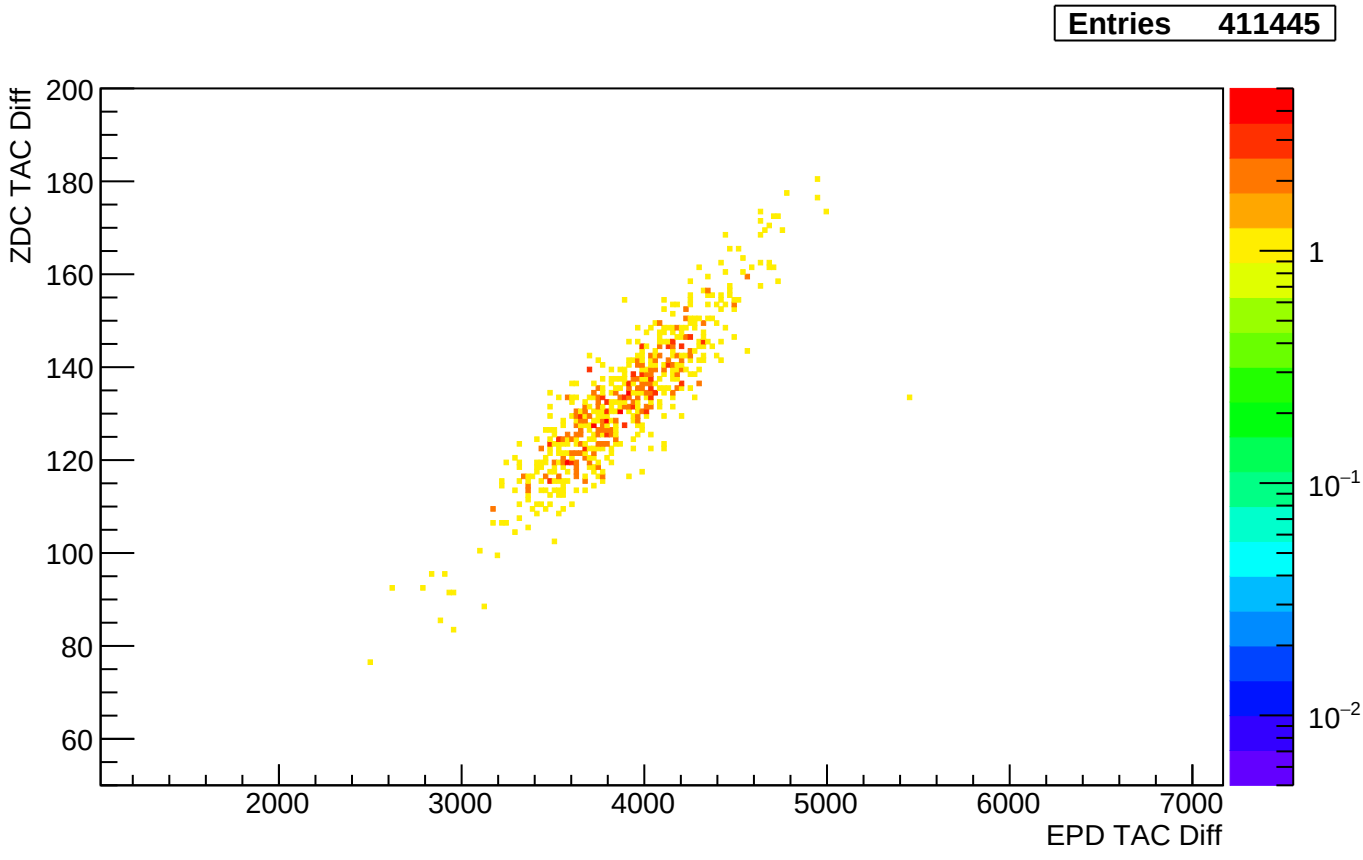

Entries 411445
TOF-Mult
BBC-S-West ADC Sum

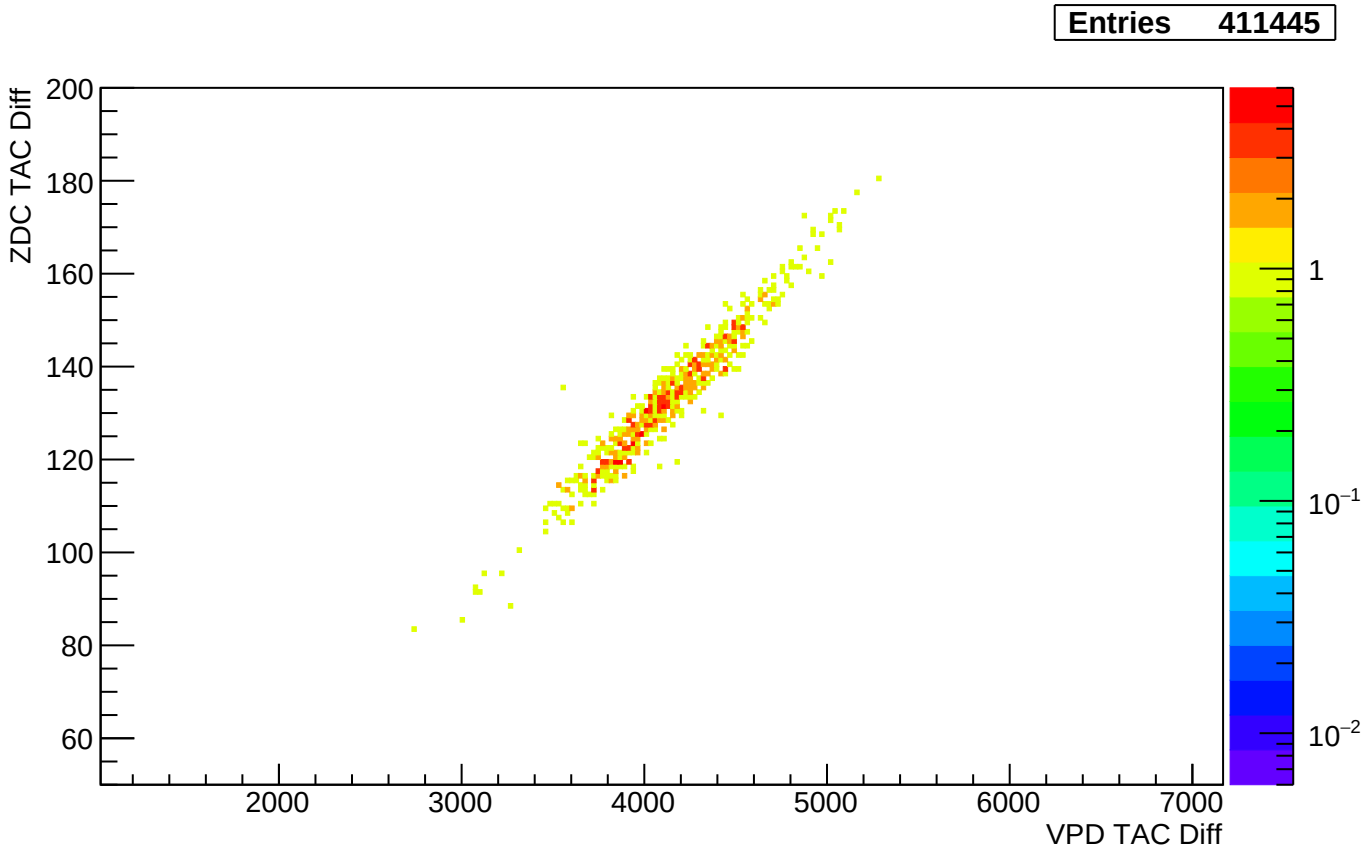

Entries 411445
TOF-Mult
EPD-East Hit Cnt

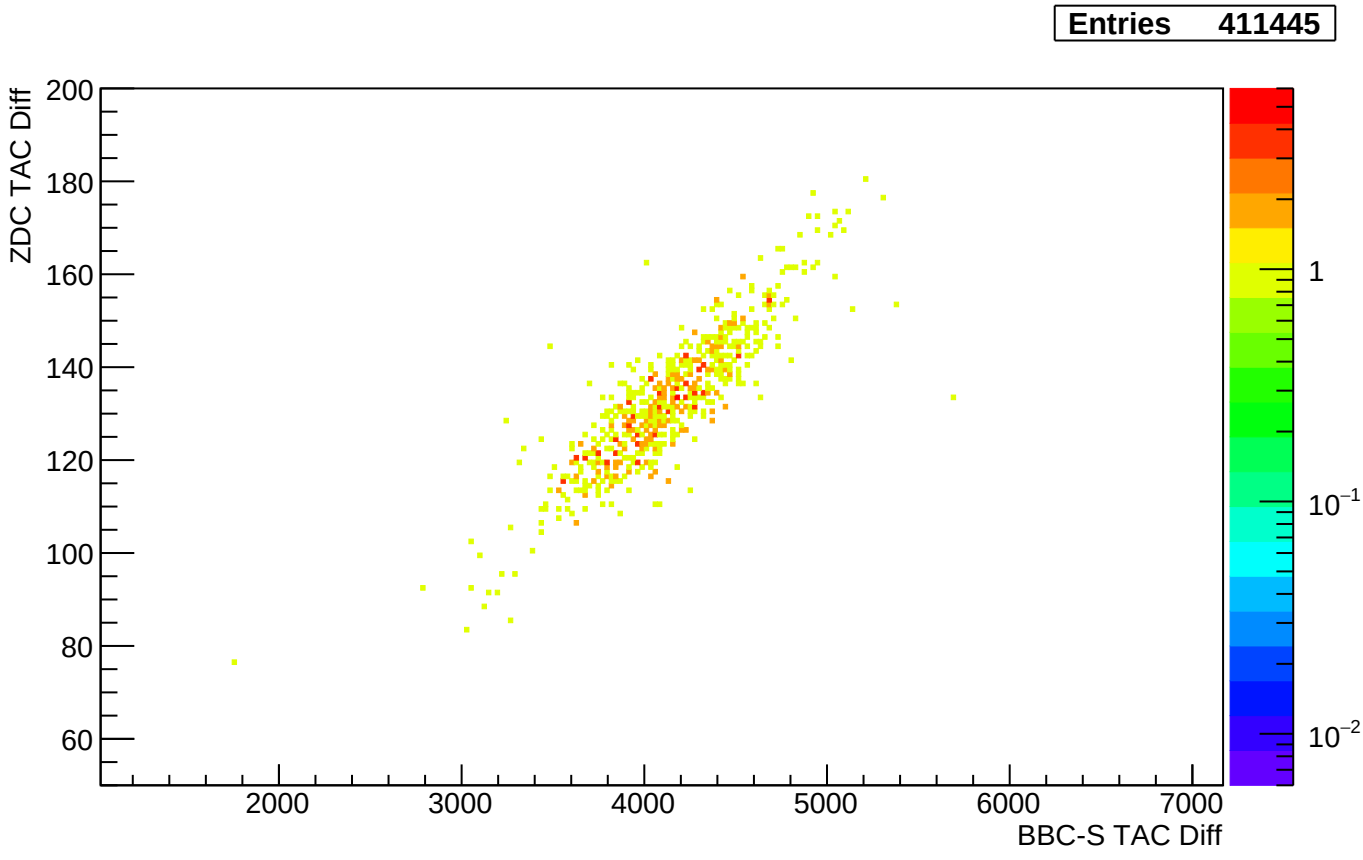

Entries 411445
TOF-Mult
EPD-West Hit Cnt

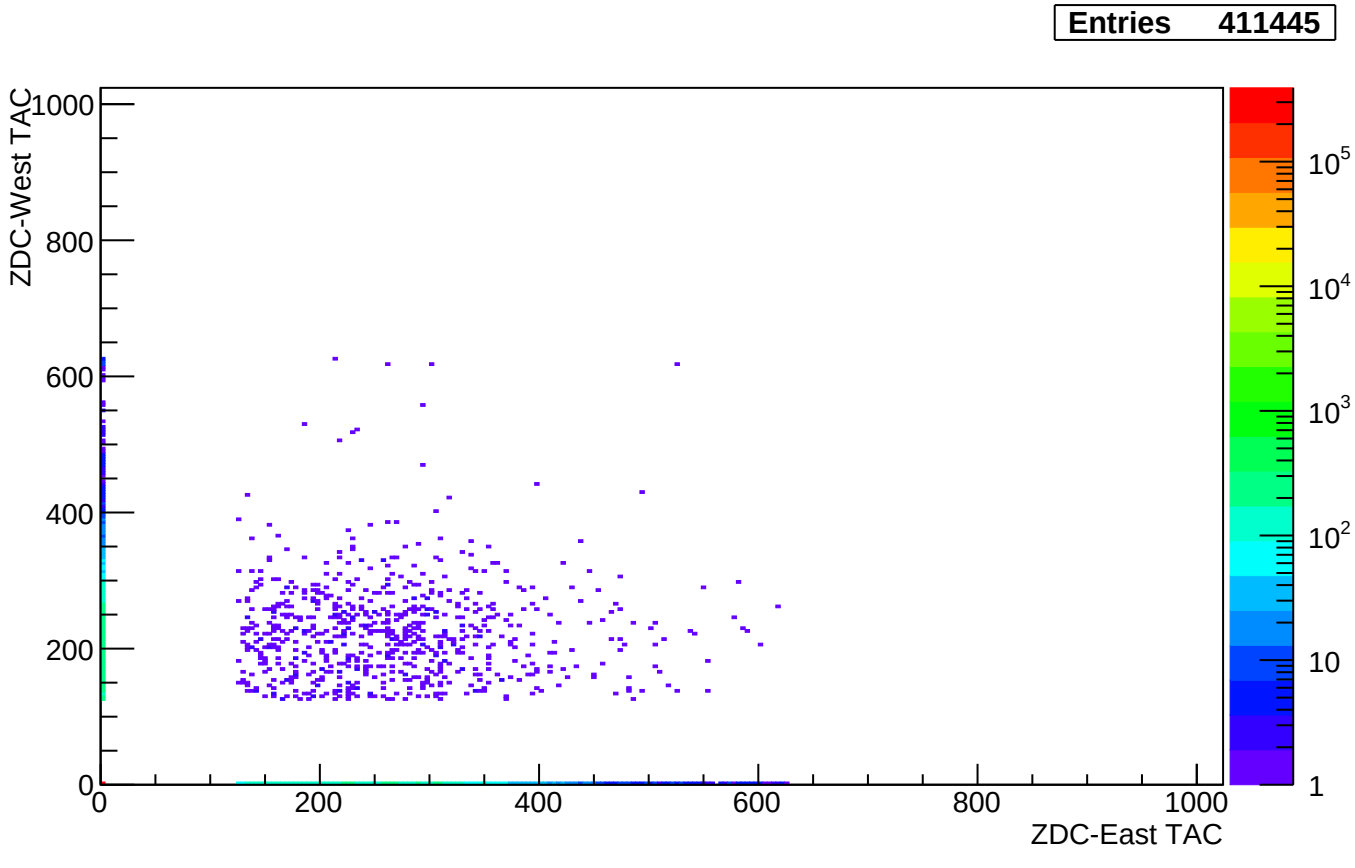

Entries 411445
TOF-Mult
VPD-East ADC Sum

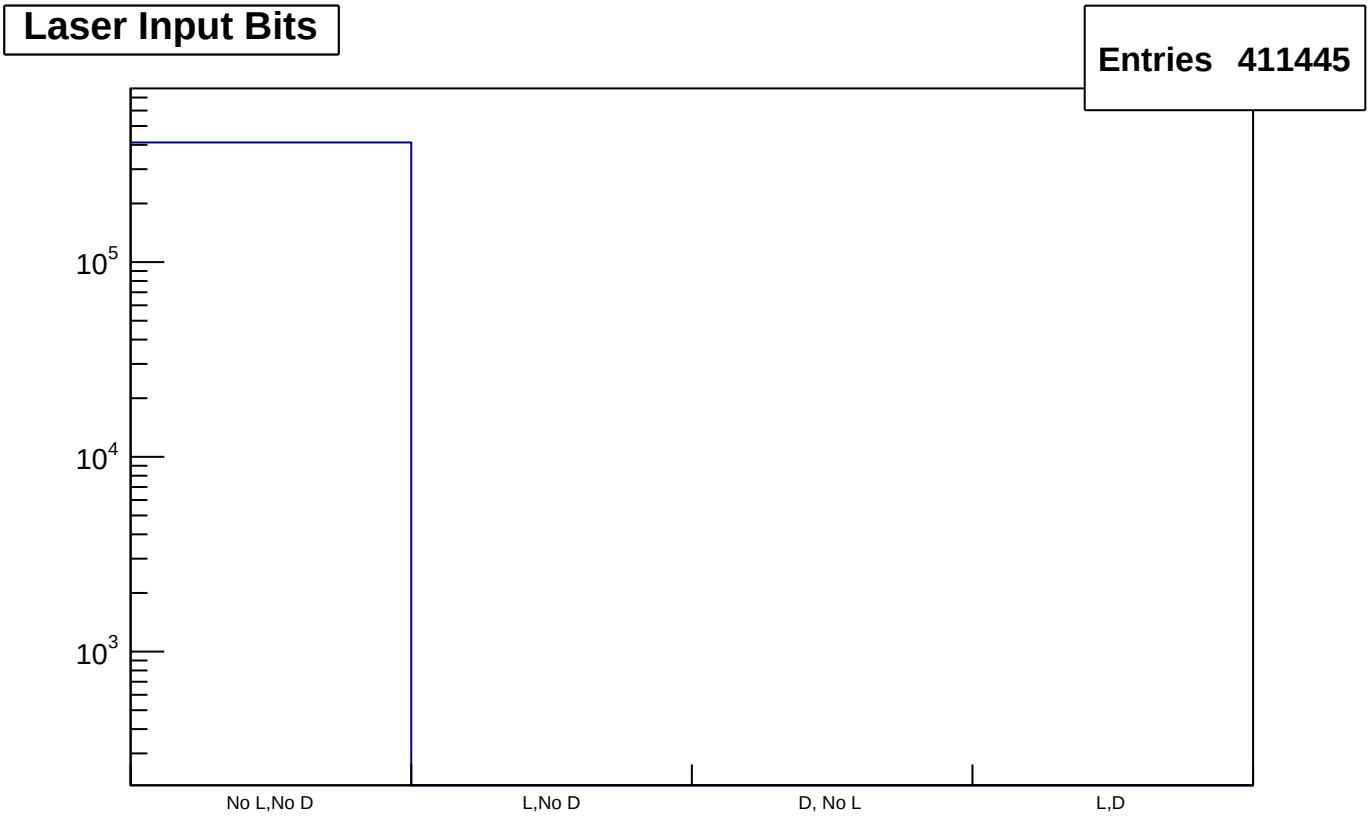

Entries 411445
TOF-Mult
VPD-West ADC Sum

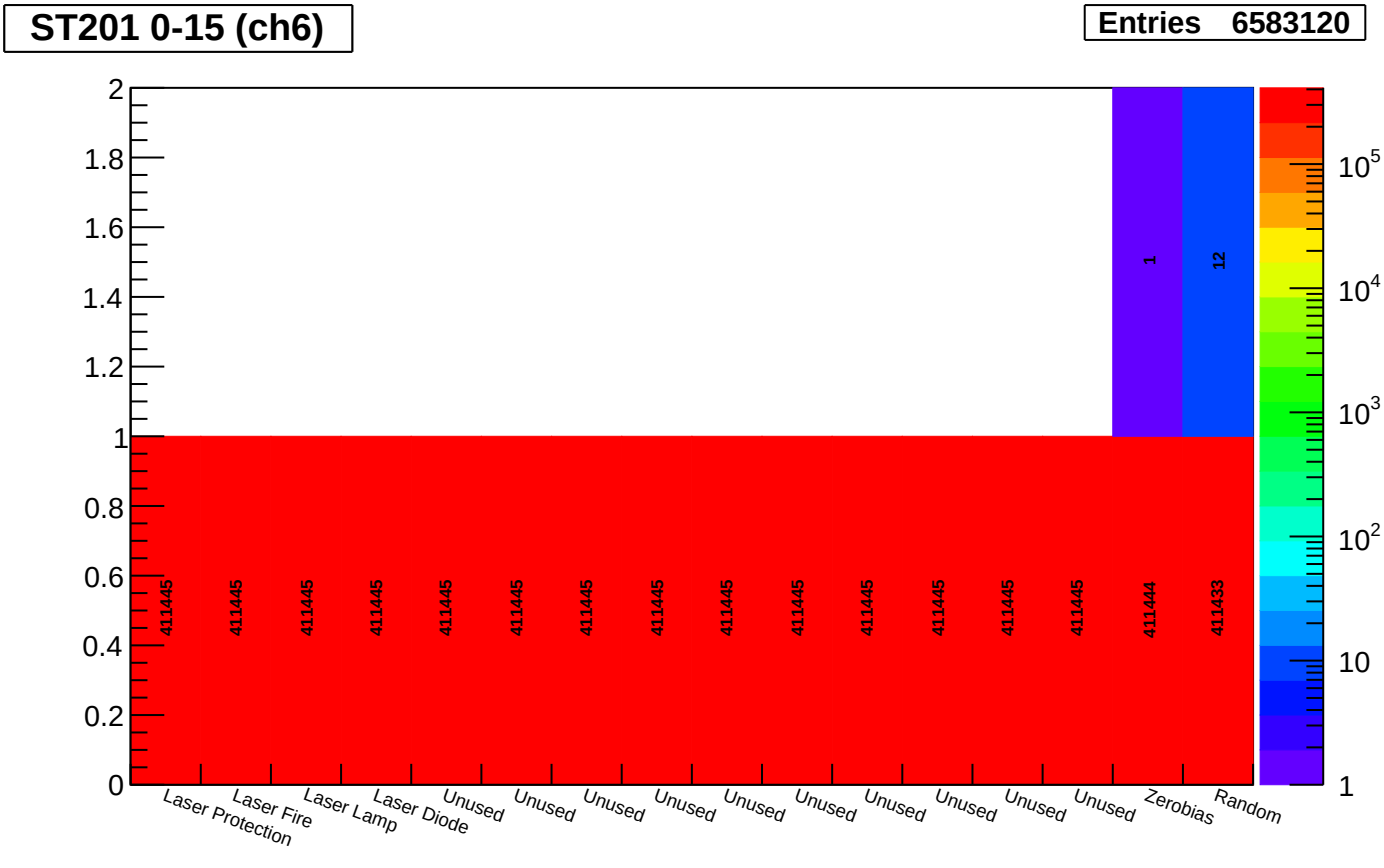

Entries 411445
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

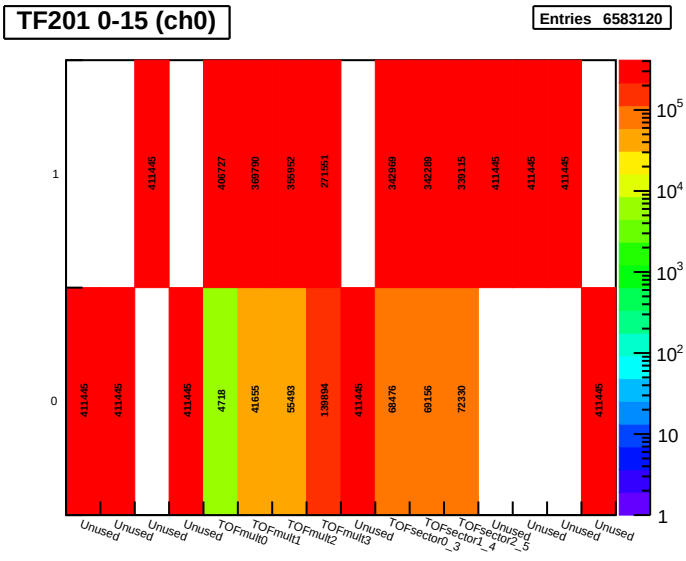

Entries 411445
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

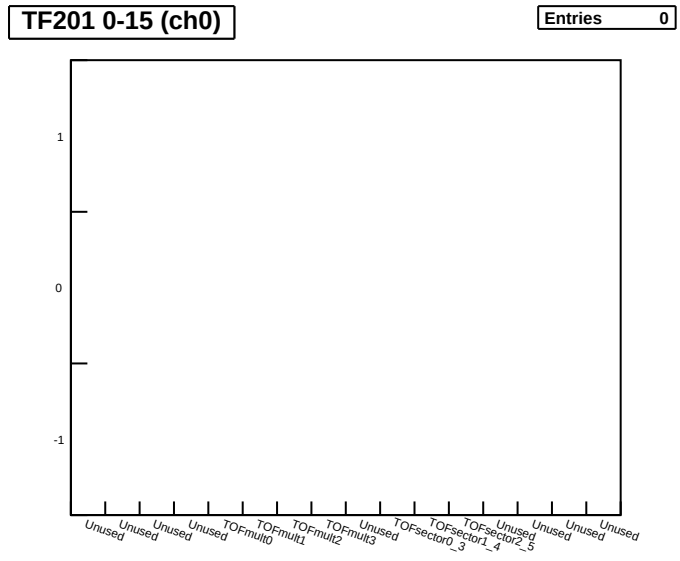

Entries 411445
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

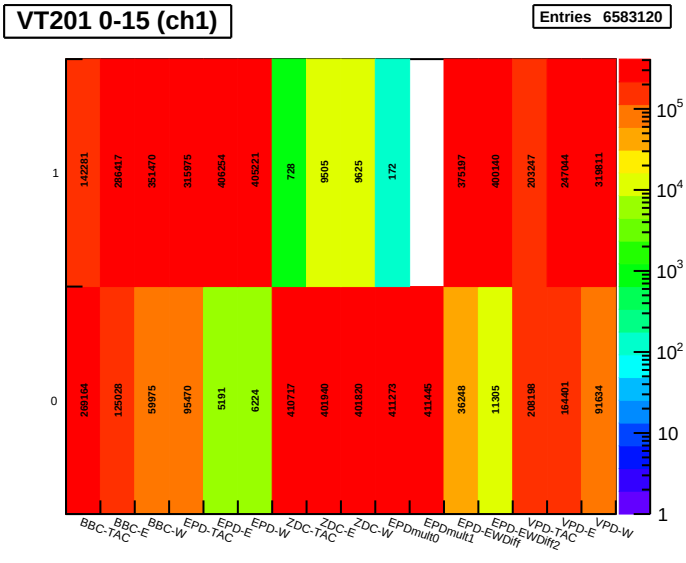

Entries 411445
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

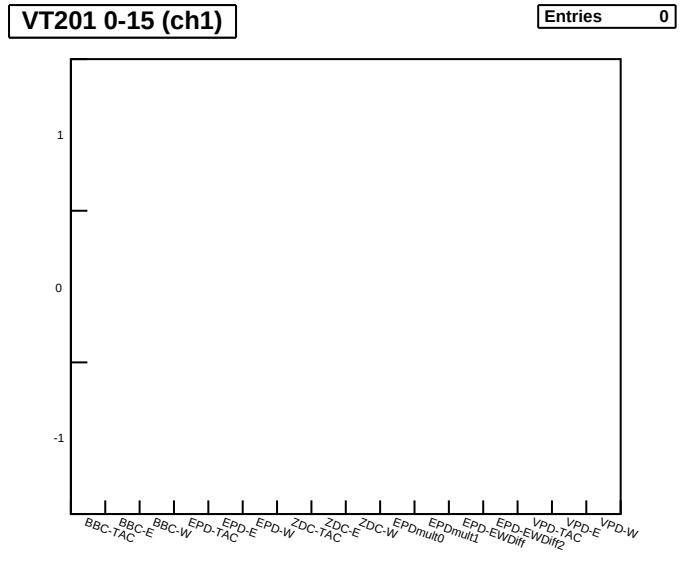

Laser Input Bits
Entries 411445
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

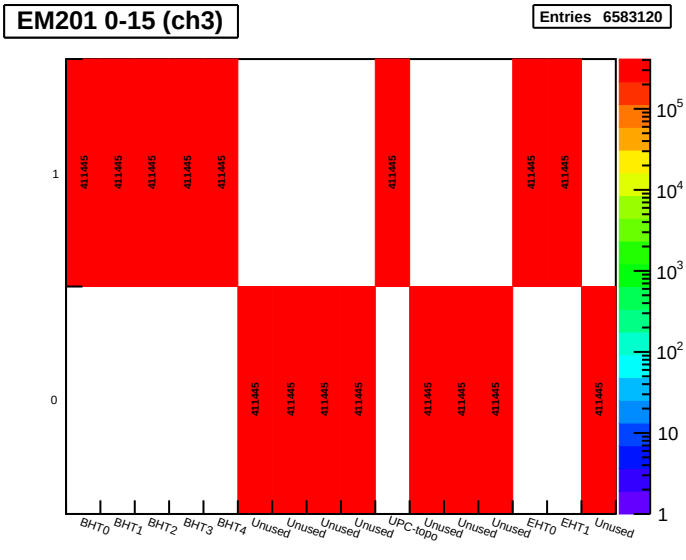

ST201 0-15 (ch6)
Entries 6583120
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
411445
411445
411445
411445
411445
411445
411445
411445
411445
411445
411445
411445
411445
411445
411444
411433
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

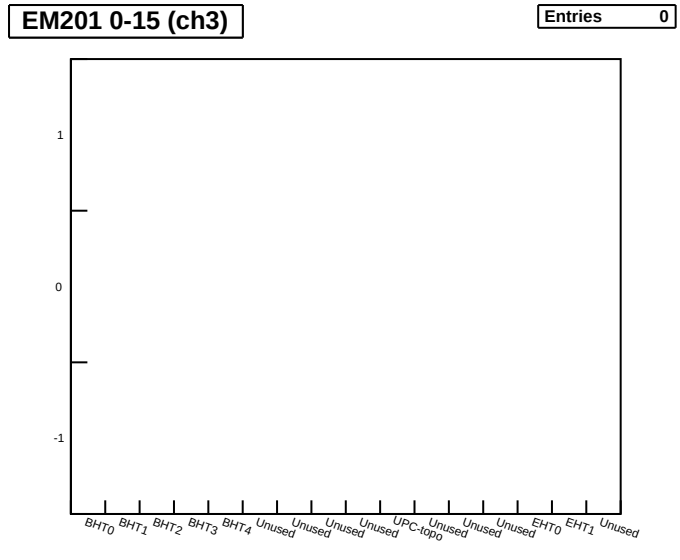

TF201 0-15 (ch0)
Entries 6583120
1
0
411445 411445 411445 406727 369790 355952 271551 342969 342289 339115 411445 411445 411445
411445 411445 411445 4718 41655 55493 139894 411445 68476 69156 72330 411445
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 6583120
1
0
142281 286417 351470 315975 406254 405221 728 9505 9625 172 375197 400140 203247 247044 318811
269164 125028 59975 95470 5191 6224 410717 401940 401820 411273 411445 36248 11305 208198 164401 91634
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 10 10^2 10^3 10^4 10^5


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 6583120
1
0
411445 411445 411445 411445 411445 411445 411445 411445
411445 411445 411445 411445 411445 411445 411445 411445
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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