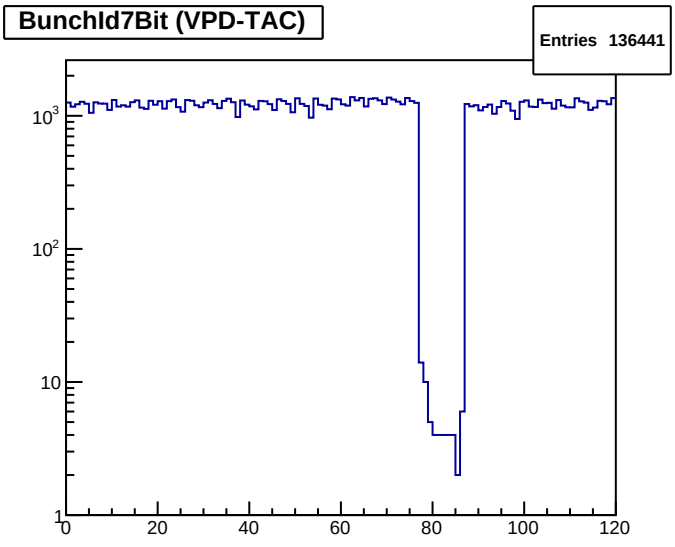
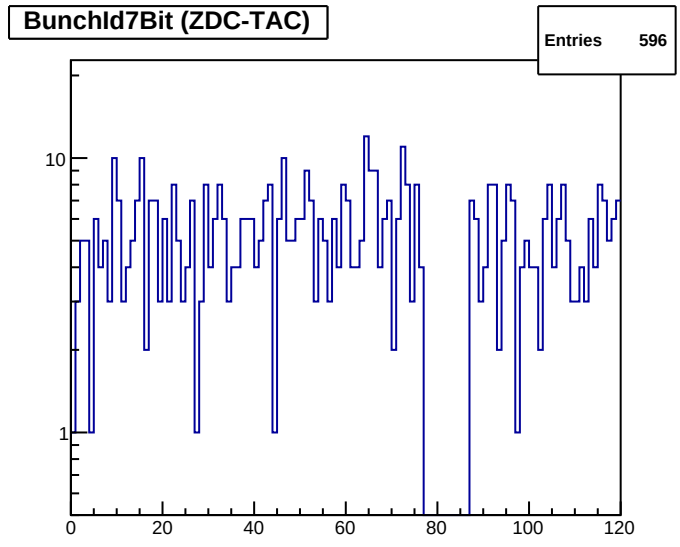
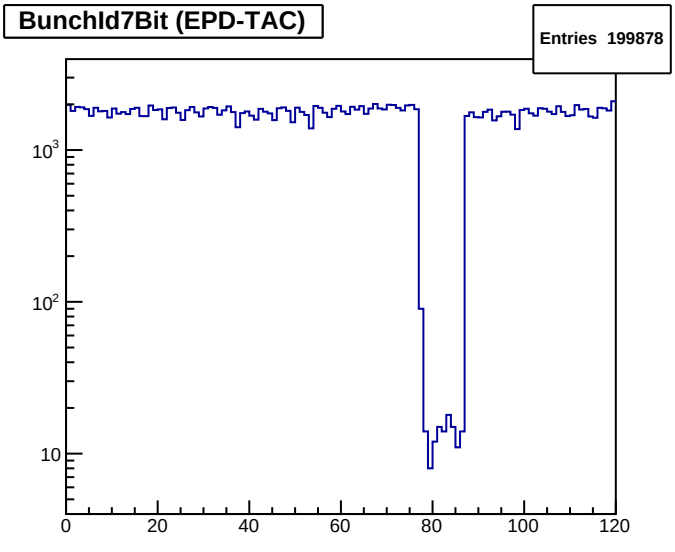
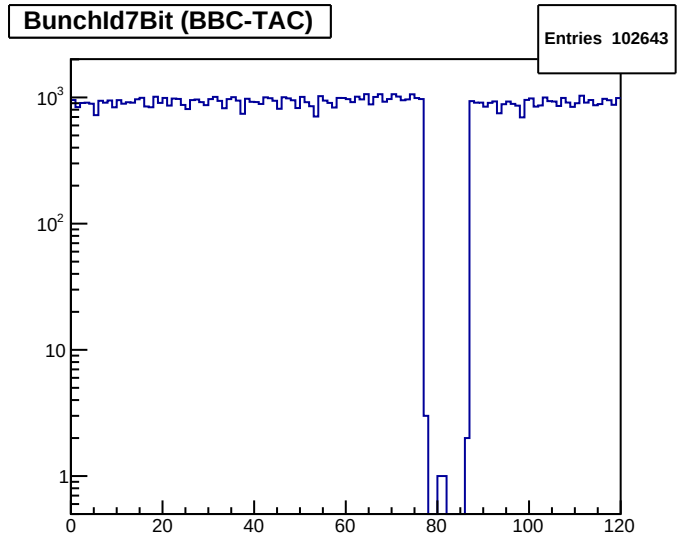
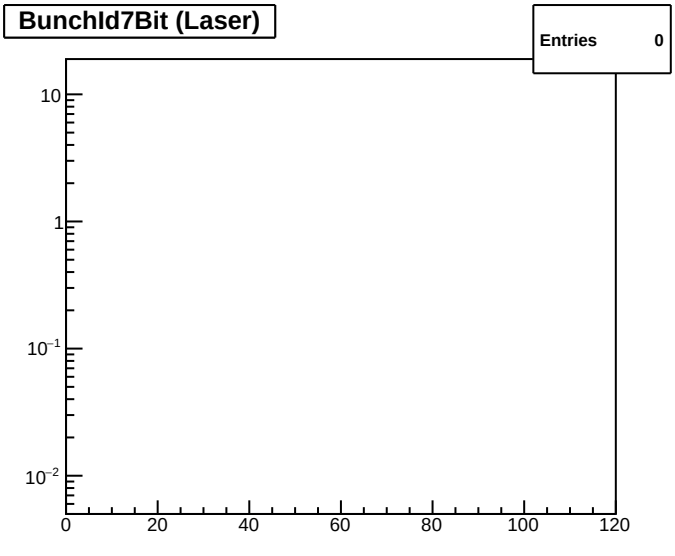
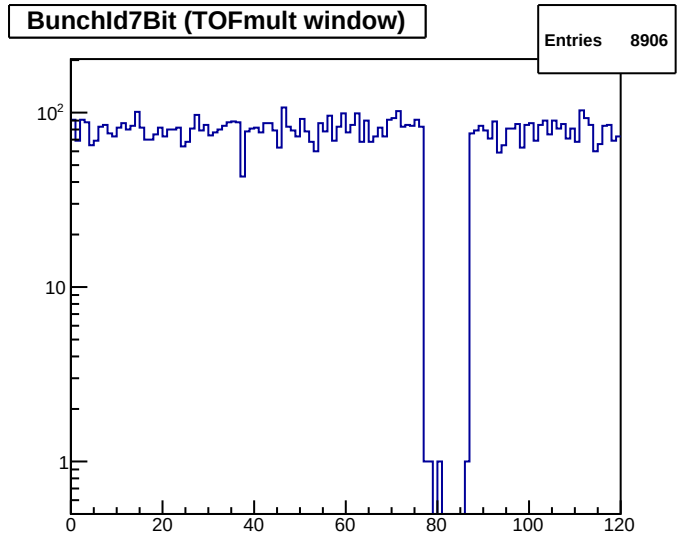

BunchId7Bit (VPD-TAC)
Entries 136441

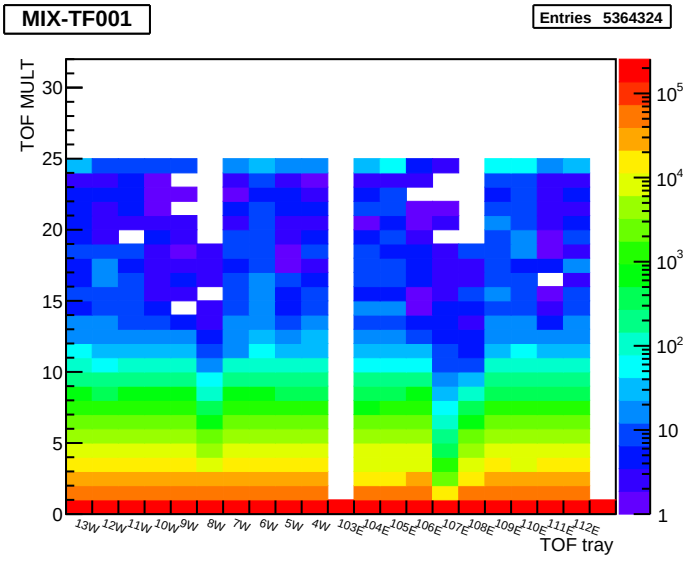

BunchId7Bit (ZDC-TAC)
Entries 596

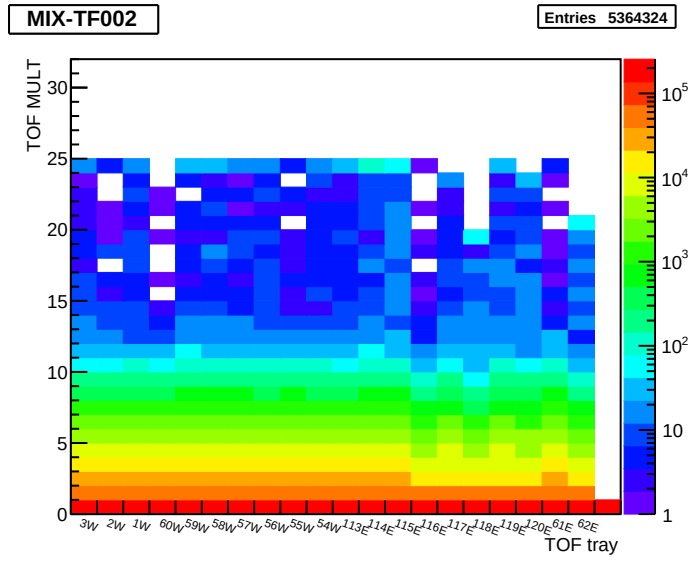

BunchId7Bit (EPD-TAC)
Entries 199878

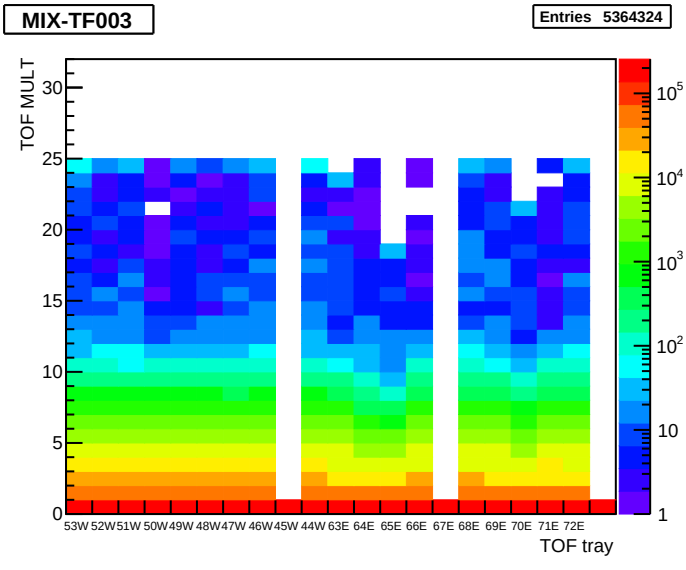

BunchId7Bit (BBC-TAC)
Entries 102643

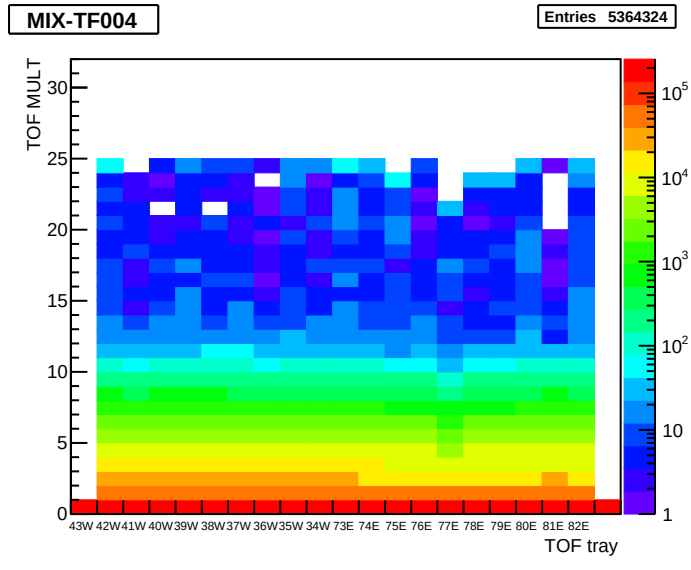

BunchId7Bit (Laser)
Entries 0

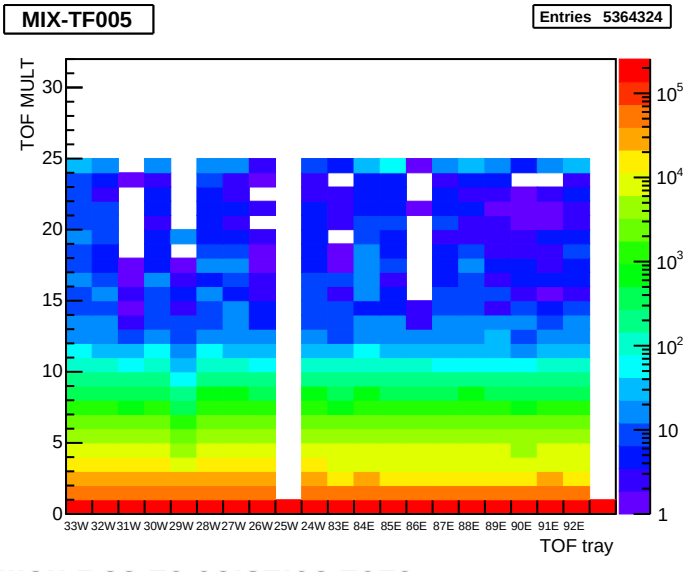

BunchId7Bit (TOFmult window)
Entries 8906

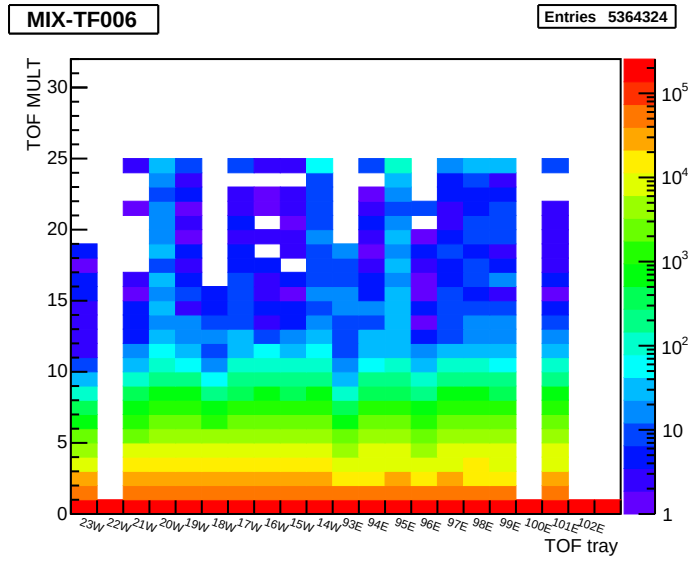

MIX-TF001
Entries 5364324
TOF MULT
TOF tray

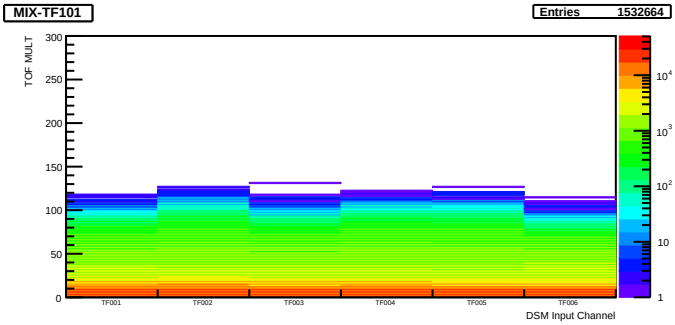

MIX-TF002
Entries 5364324
TOF MULT
TOF tray

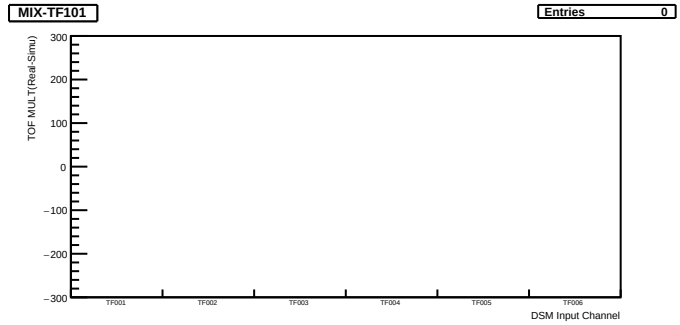

MIX-TF003
Entries 5364324
TOF MULT
TOF tray

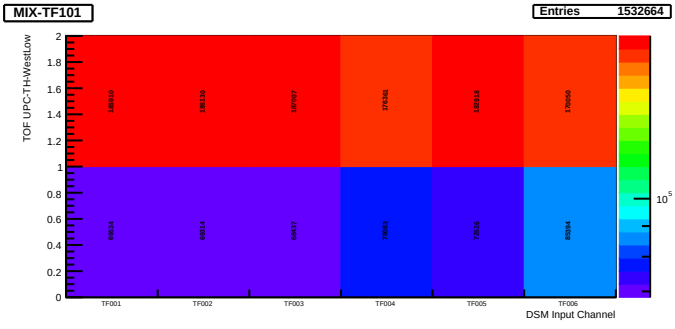

MIX-TF004
Entries 5364324
TOF MULT
TOF tray

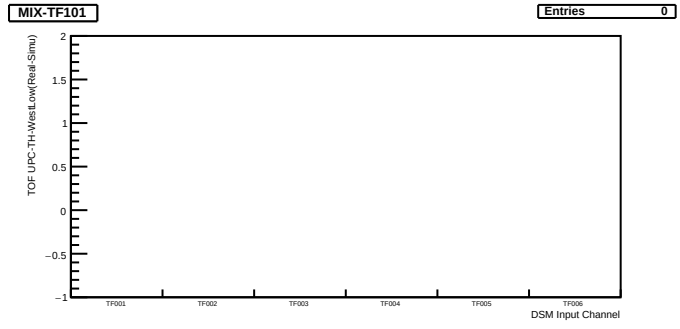

MIX-TF005
Entries 5364324
TOF MULT
TOF tray

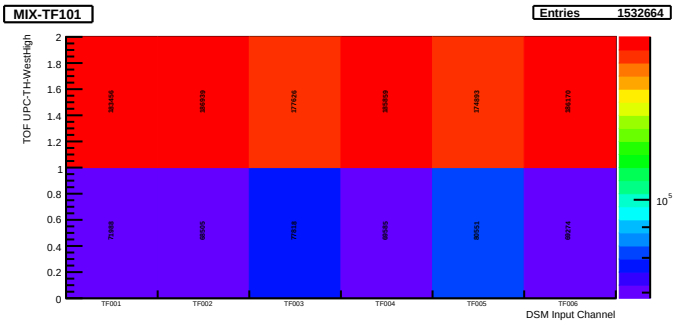

MIX-TF006
Entries 5364324
TOF MULT
TOF tray

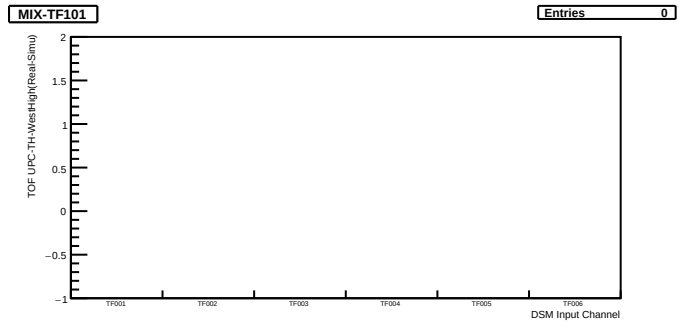

MIX-TF101
Entries 1532664
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

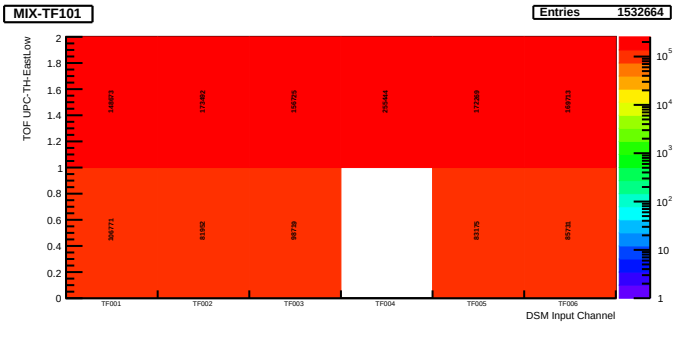

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

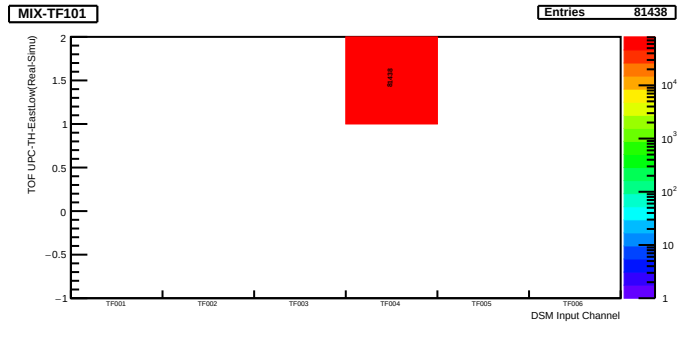

MIX-TF101
Entries 1532664
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

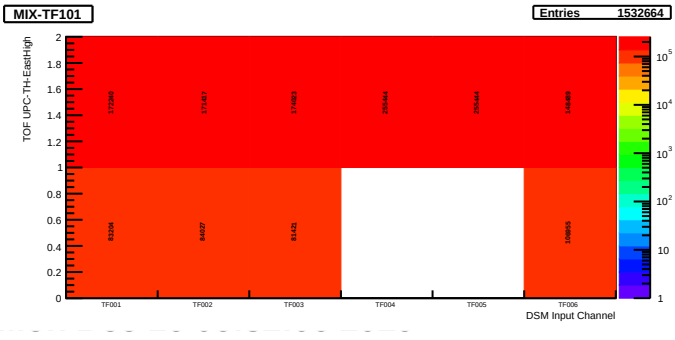

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

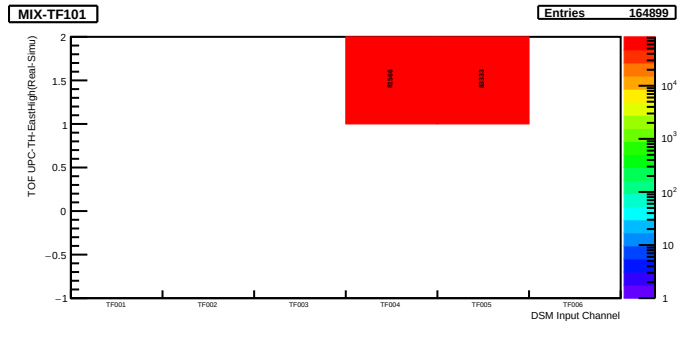

MIX-TF101
Entries 1532664
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

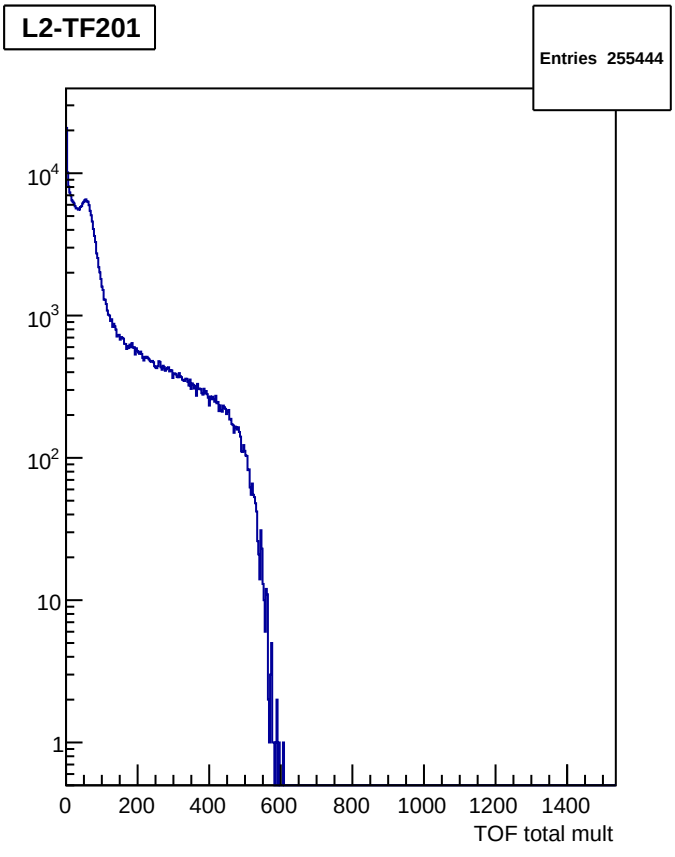

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

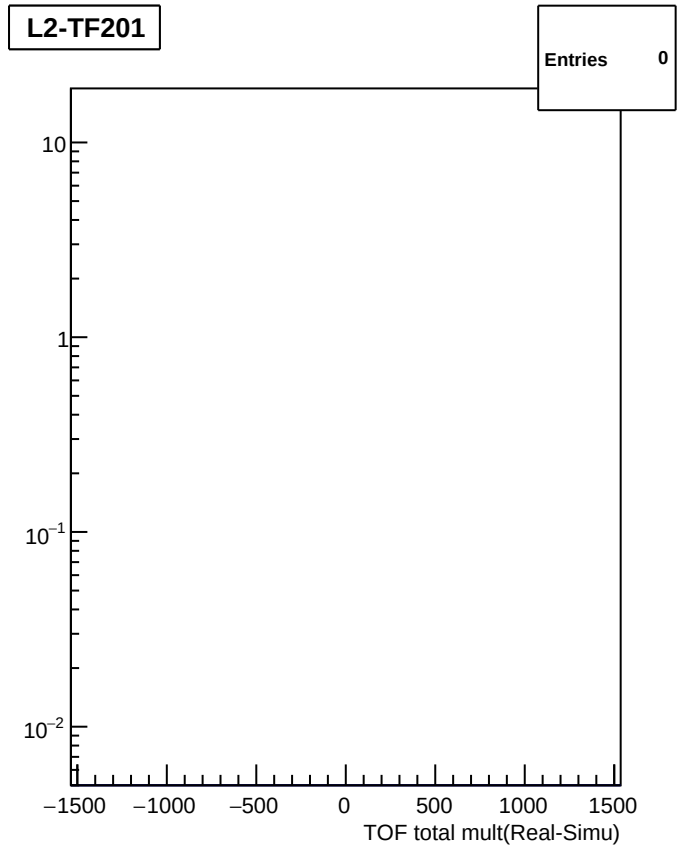

MIX-TF101
Entries 1532664
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

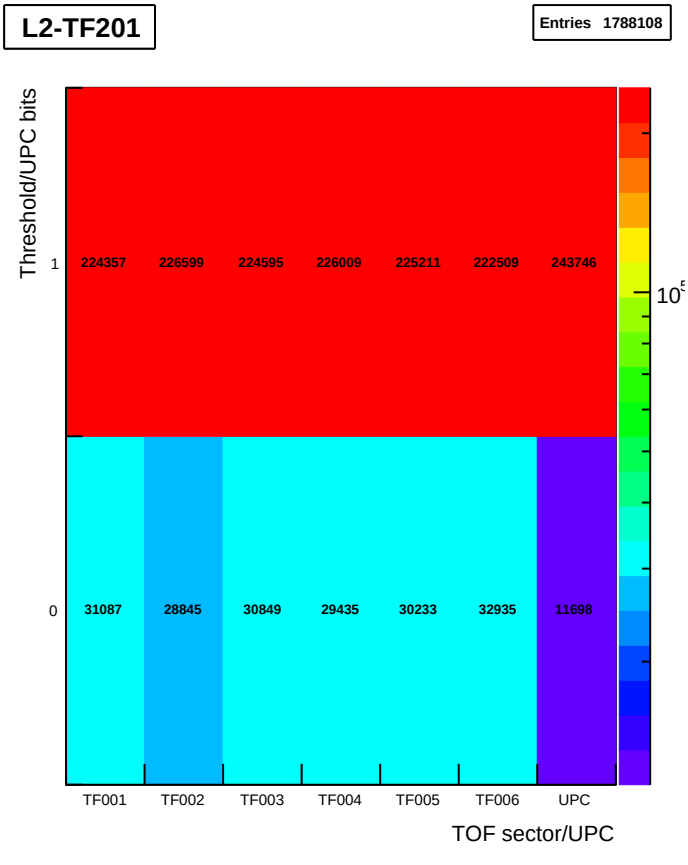

MIX-TF101
Entries 81438
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

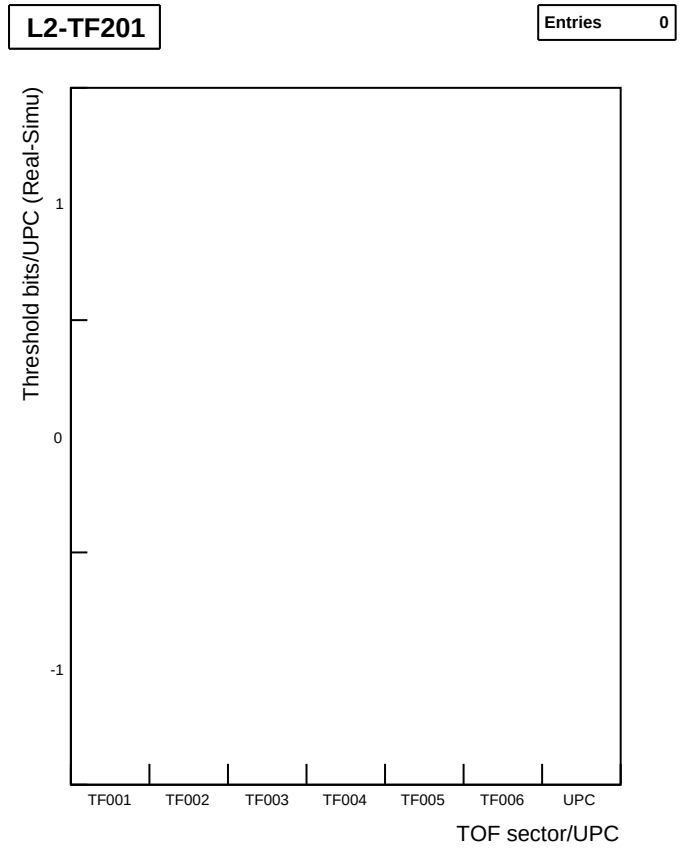

MIX-TF101
Entries 1532664
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

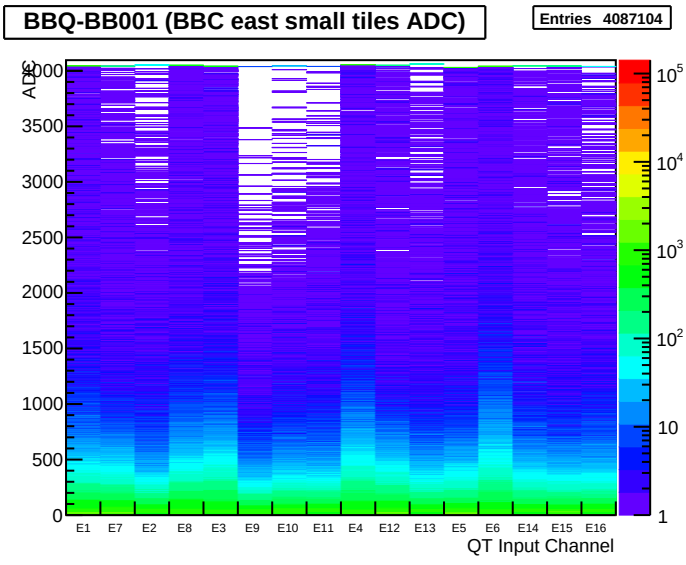

MIX-TF101
Entries 164899
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

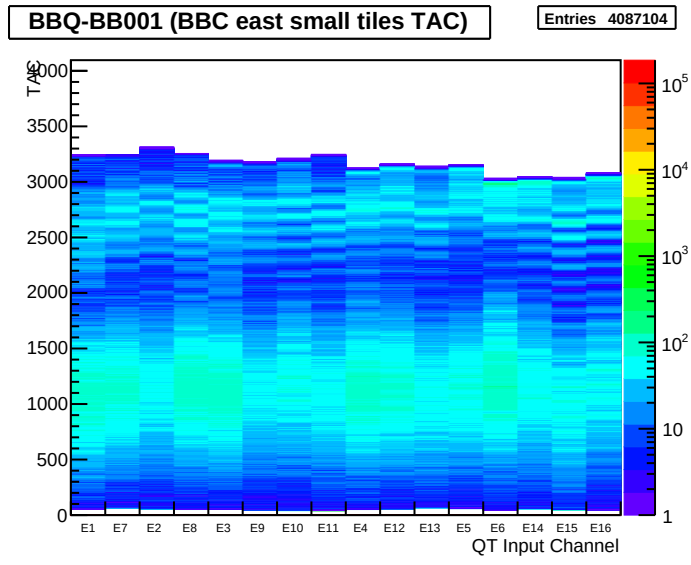

L2-TF201
Entries 255444
TOF total mult

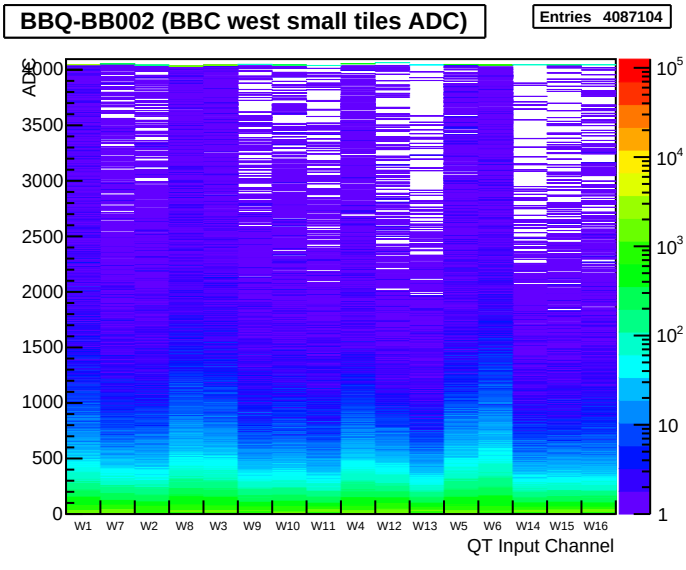

L2-TF201
Entries 0
TOF total mult(Real-Simu)

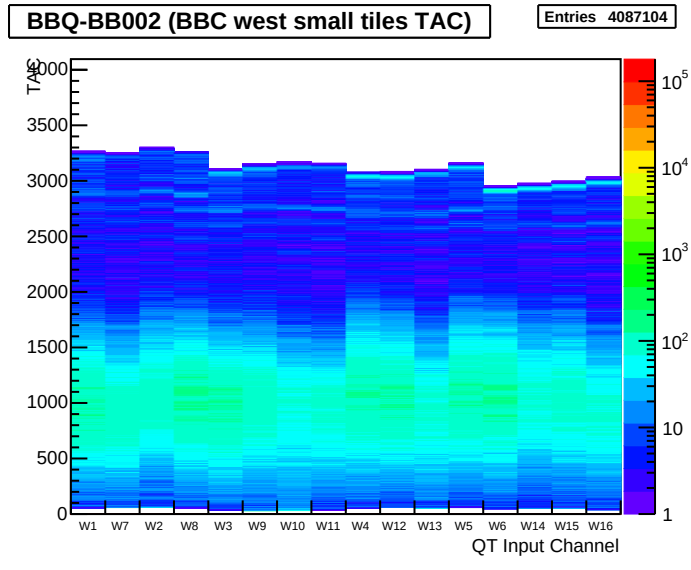

L2-TF201
Entries 1788108
Threshold/UPC bits
224357
226599
224595
226009
225211
222509
243746
31087
28845
30849
29435
30233
32935
11698
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

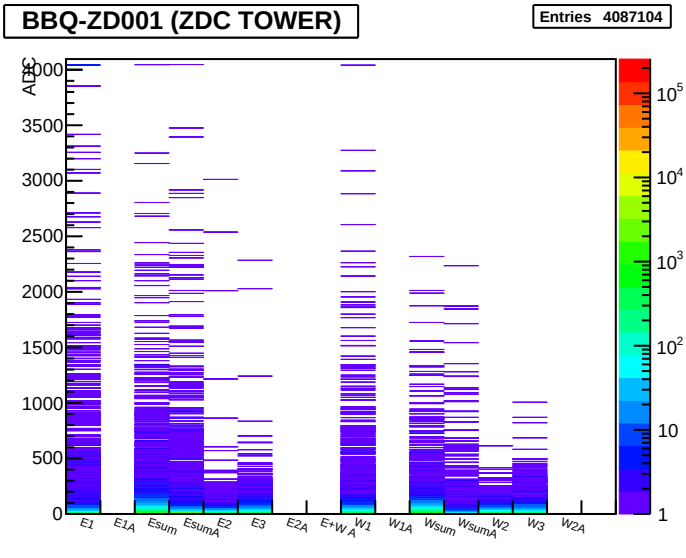

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

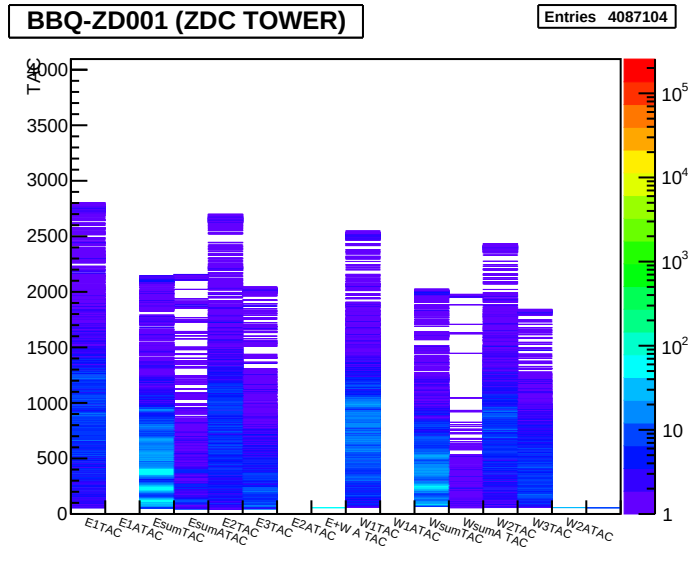

BBQ-BB001 (BBC east small tiles ADC)
Entries 4087104
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

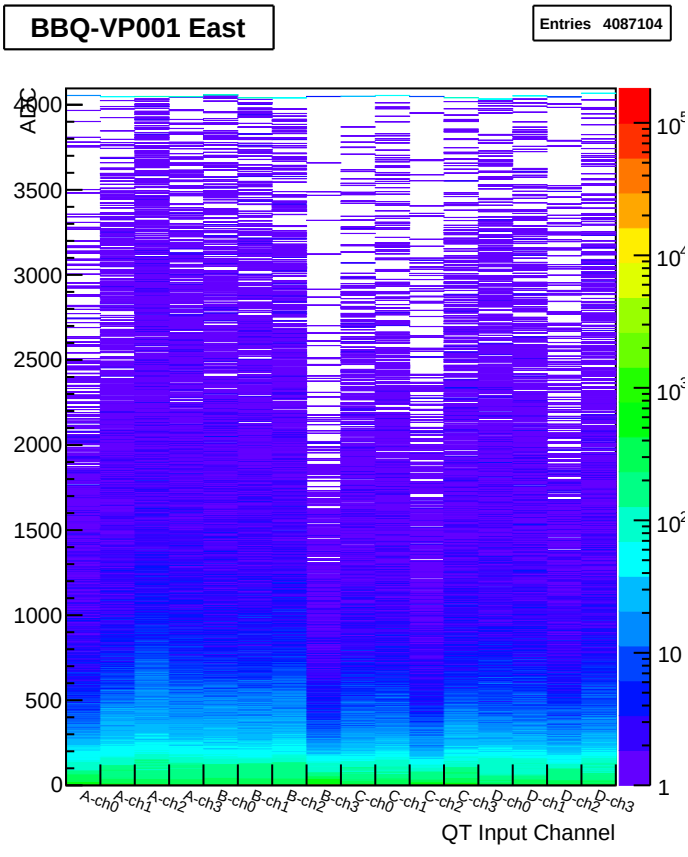

BBQ-BB001 (BBC east small tiles TAC)
Entries 4087104
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

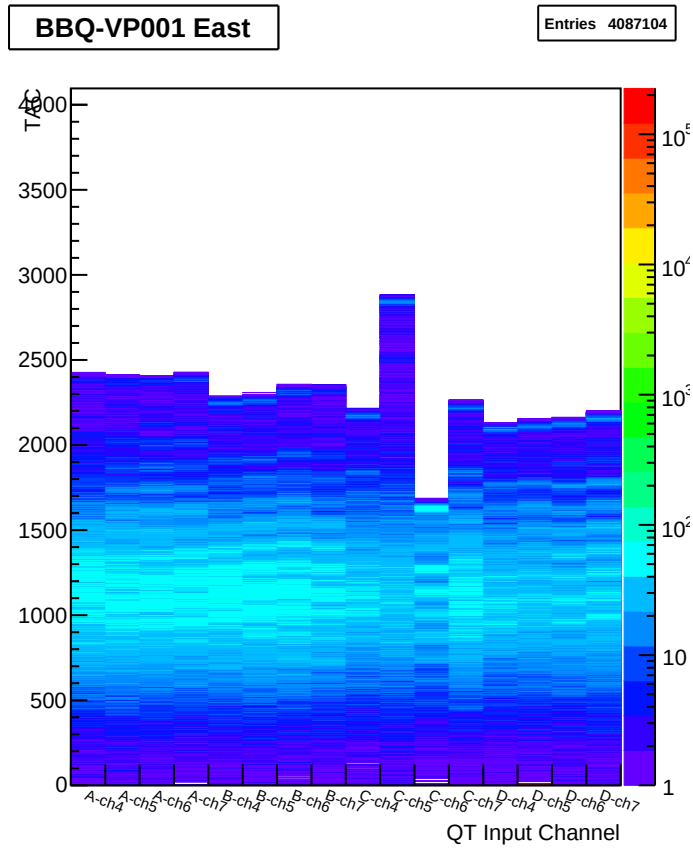

BBQ-BB002 (BBC west small tiles ADC)
Entries 4087104
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

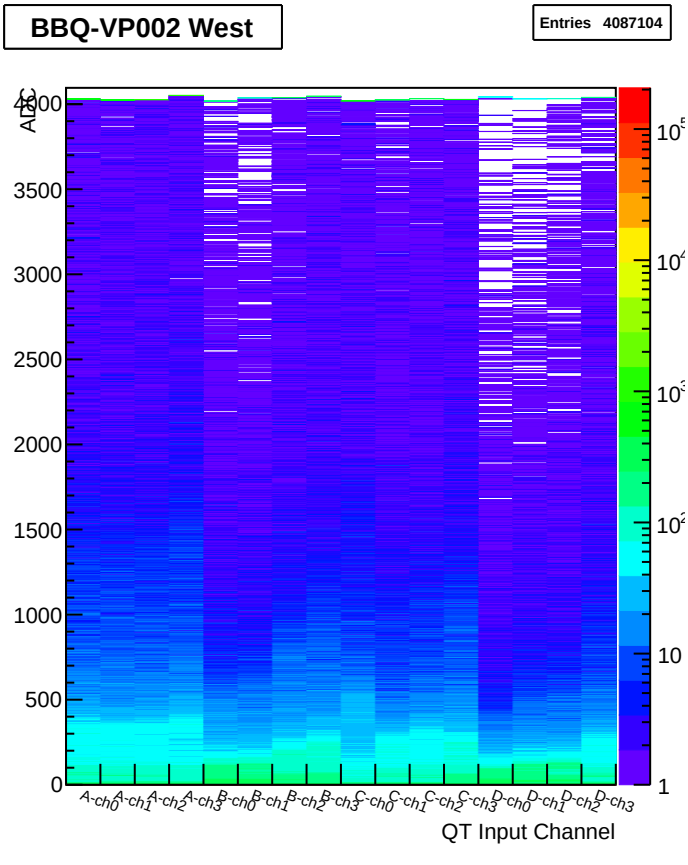

BBQ-BB002 (BBC west small tiles TAC)
Entries 4087104
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

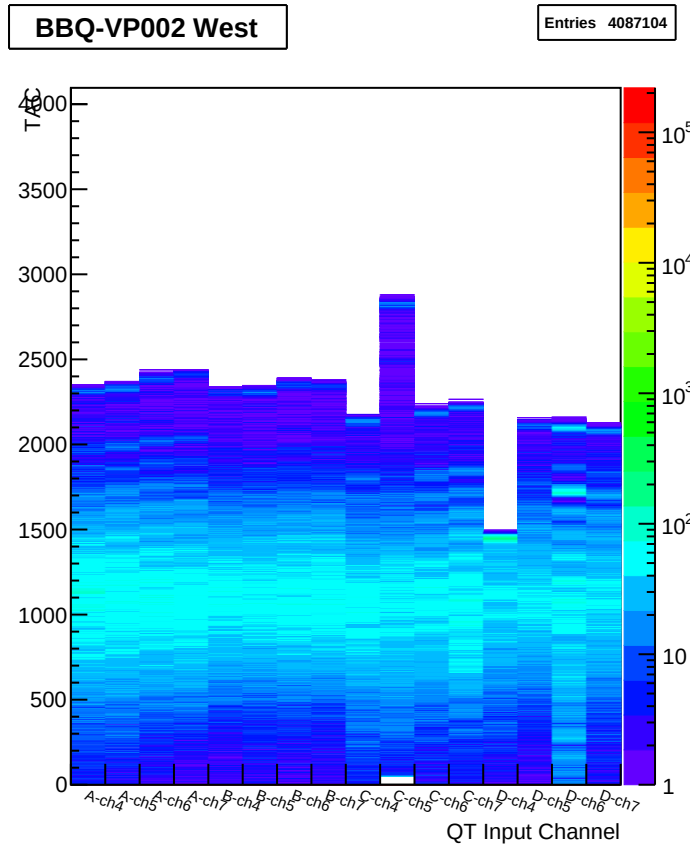

BBQ-ZD001 (ZDC TOWER)
Entries 4087104
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

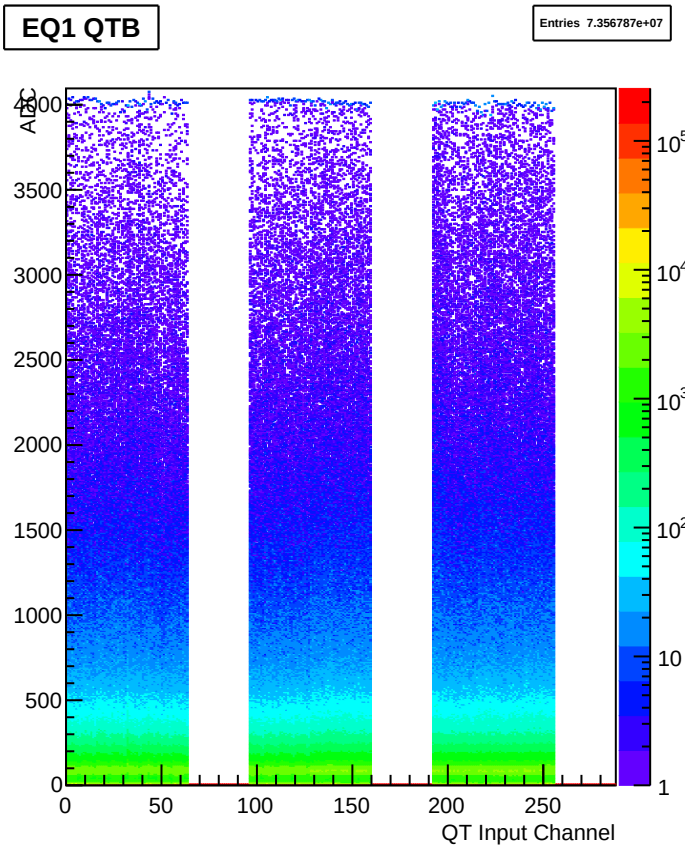

BBQ-ZD001 (ZDC TOWER)
Entries 4087104
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

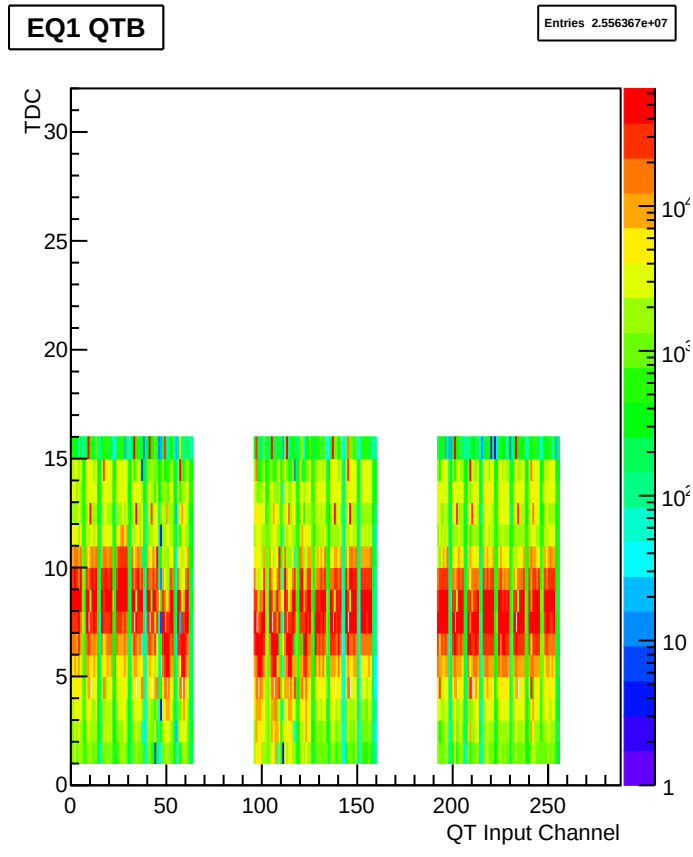

BBQ-VP001 East
Entries 4087104
ADC
QT Input Channel

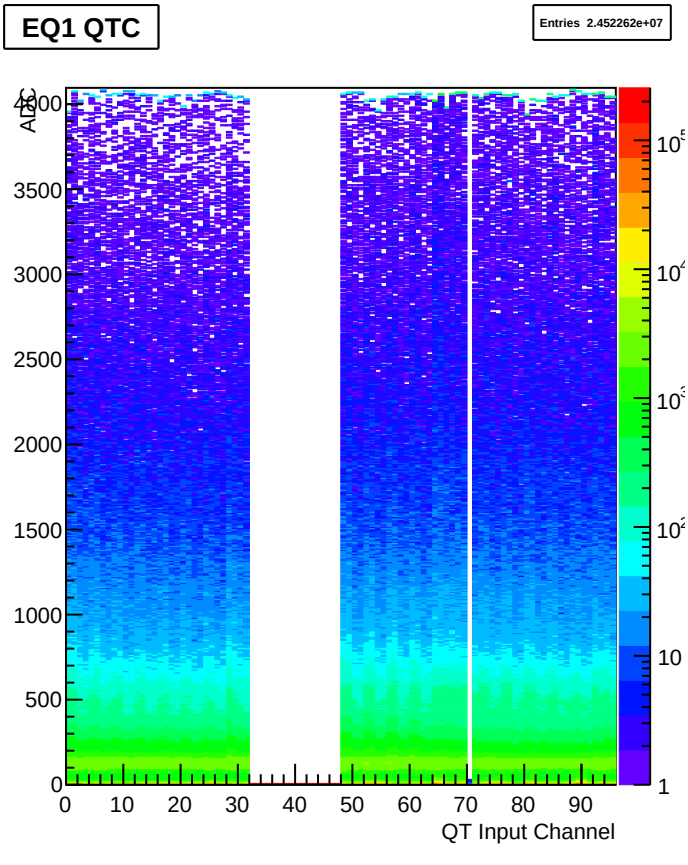

BBQ-VP001 East
Entries 4087104
ADC
QT Input Channel

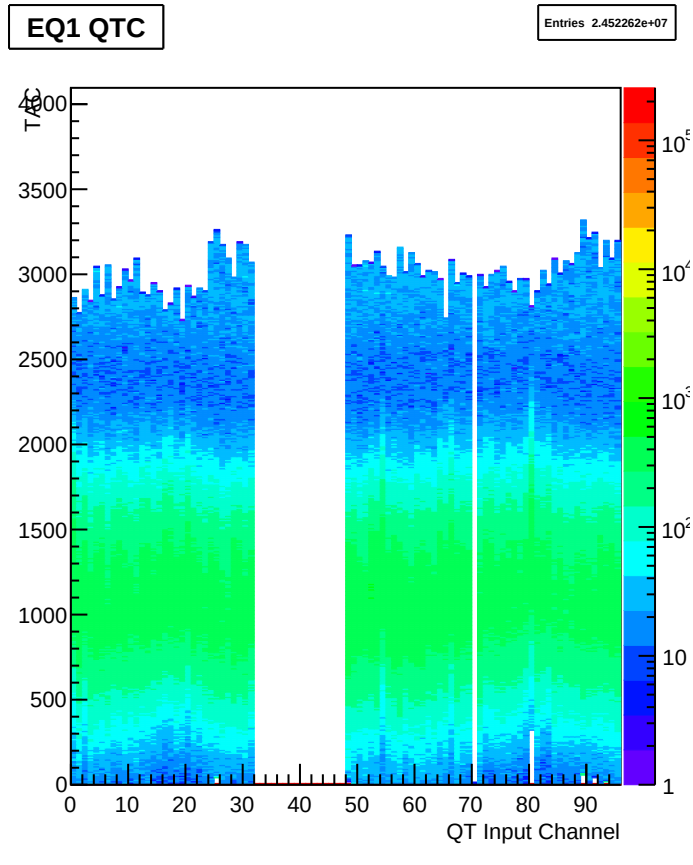

BBQ-VP002 West
Entries 4087104
ADC
QT Input Channel

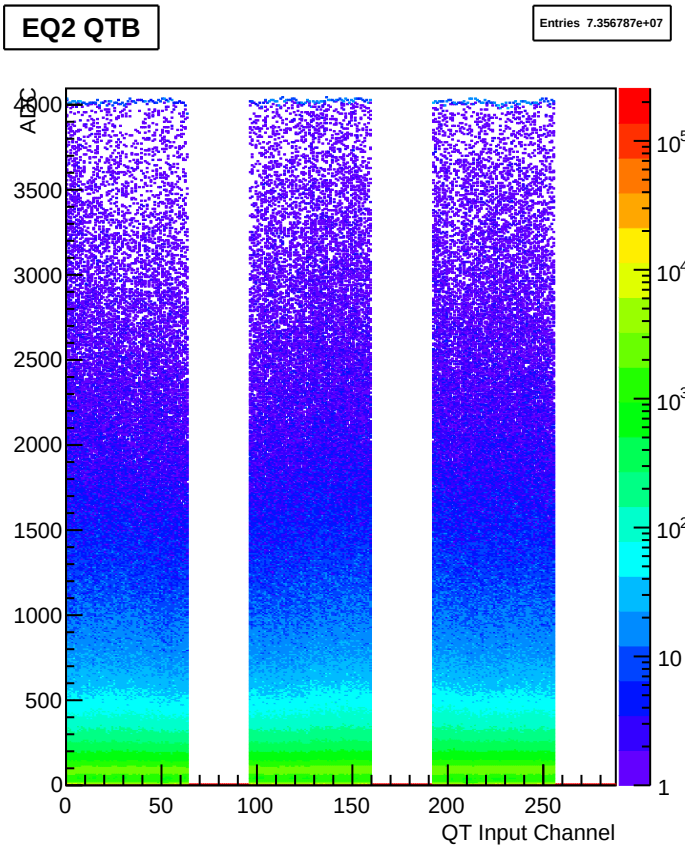

BBQ-VP002 West
Entries 4087104
ADC
QT Input Channel

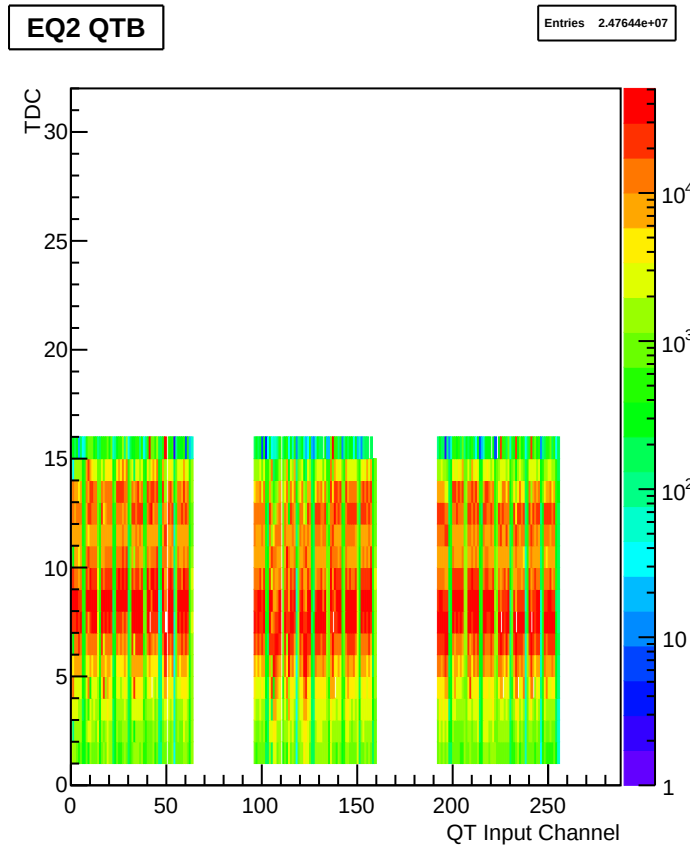

EQ1 QTB
Entries 7.356787e+07
ADC
QT Input Channel

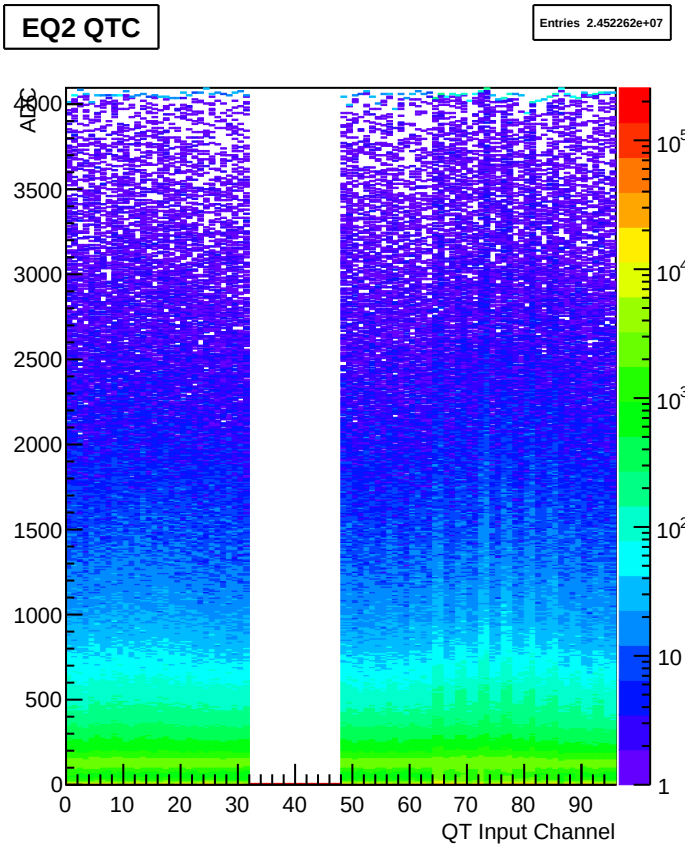

EQ1 QTB
Entries 2.556367e+07
TDC
QT Input Channel

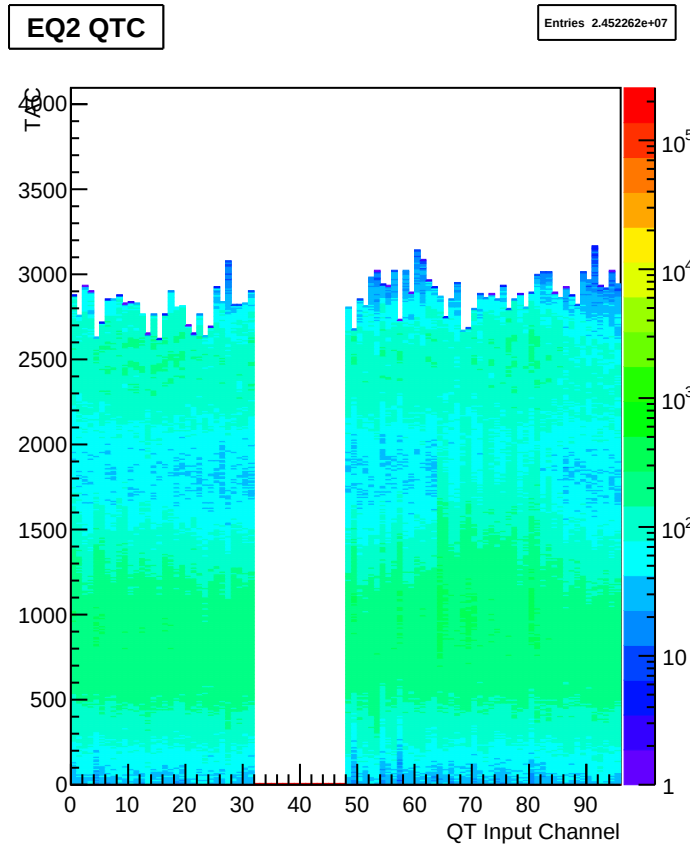

EQ1 QTC
Entries 2.452262e+07
ADC
QT Input Channel

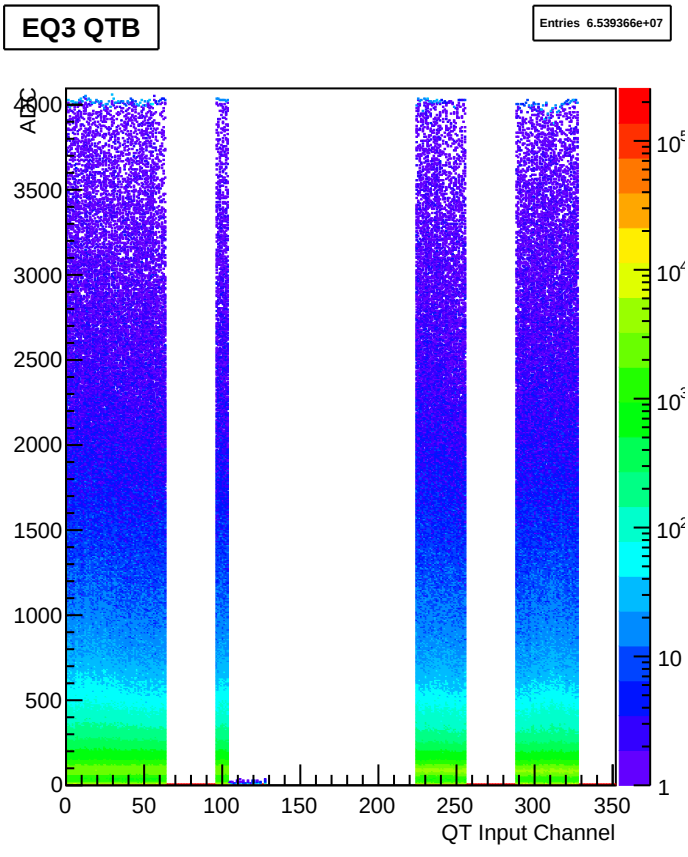

EQ1 QTC
Entries 2.452262e+07
TADC
QT Input Channel

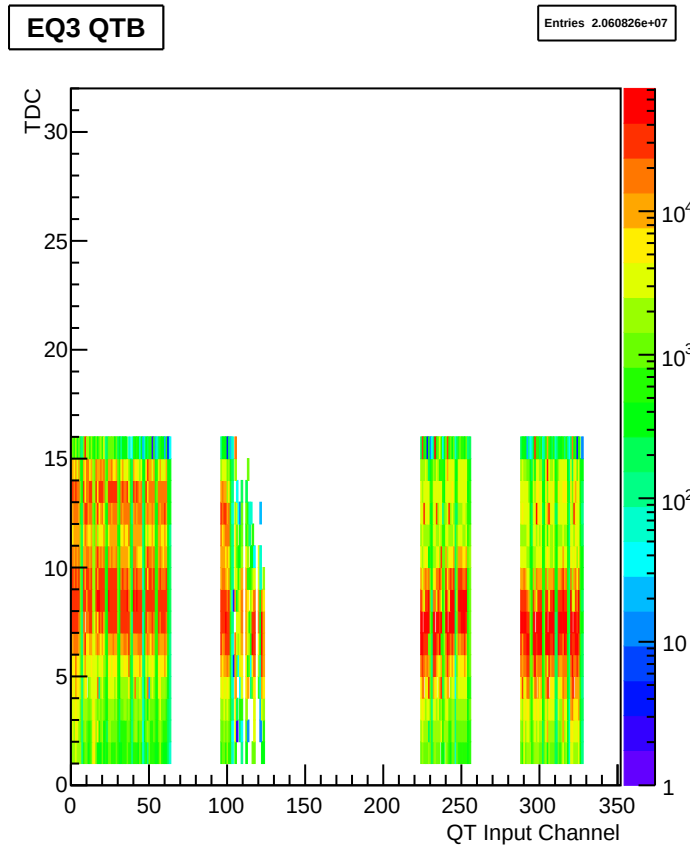

EQ2 QTB
Entries 7.356787e+07
ADC
QT Input Channel

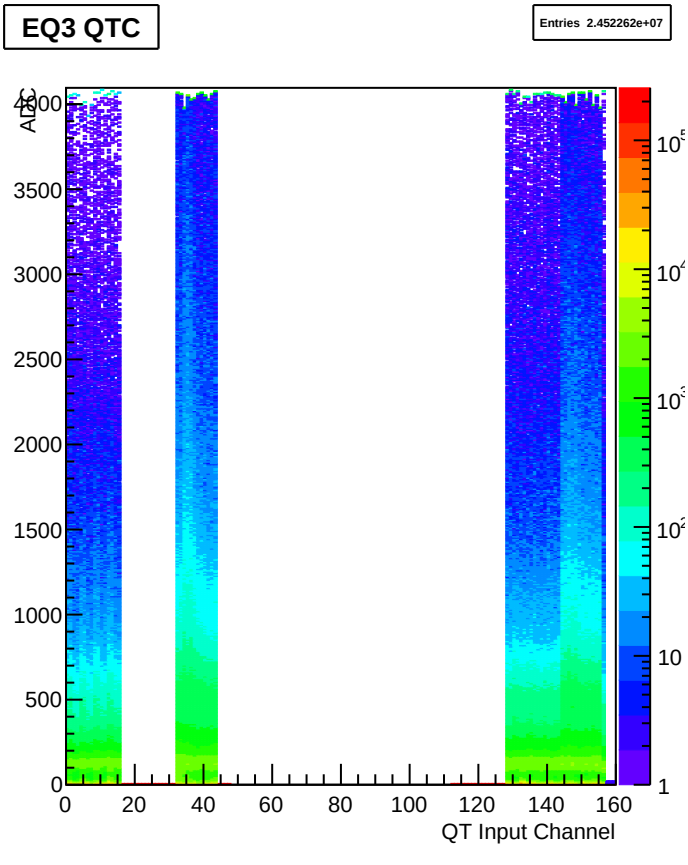

EQ2 QTB
Entries 2.47644e+07
TDC
QT Input Channel

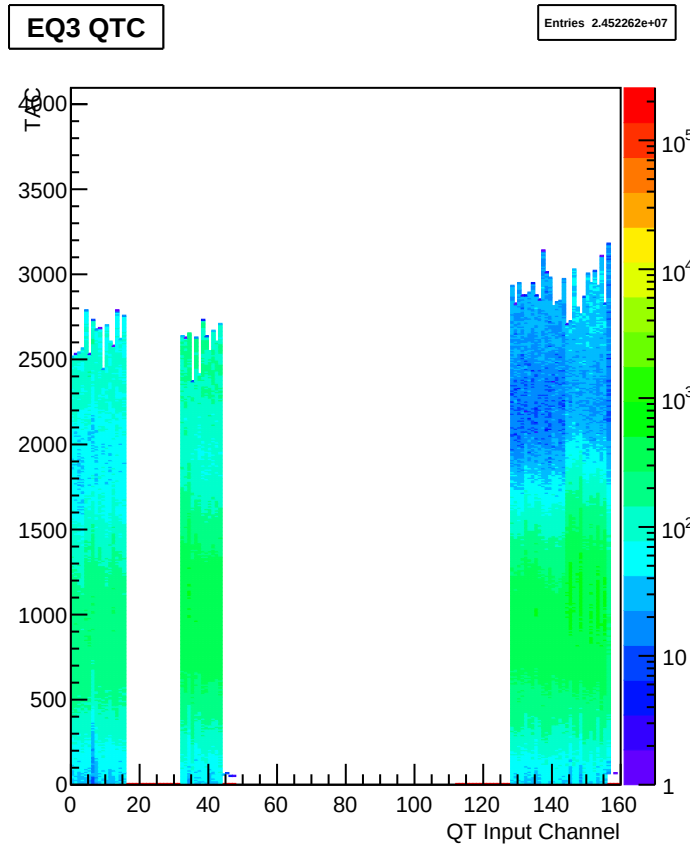

EQ2 QTC
Entries 2.452262e+07
ADC
QT Input Channel

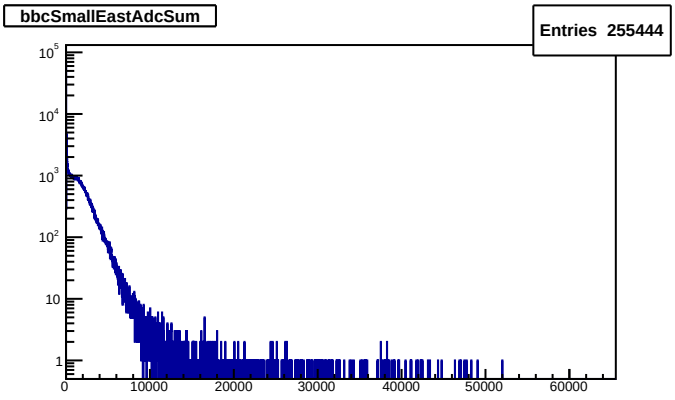

EQ2 QTC
Entries 2.452262e+07
TADC
QT Input Channel

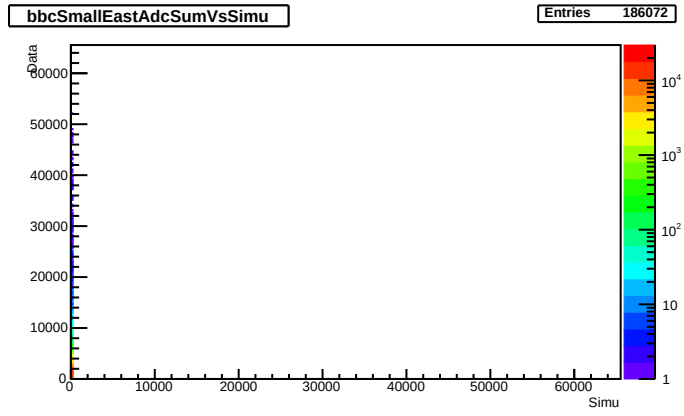

EQ3 QTB
Entries 6.539366e+07
ADC
QT Input Channel

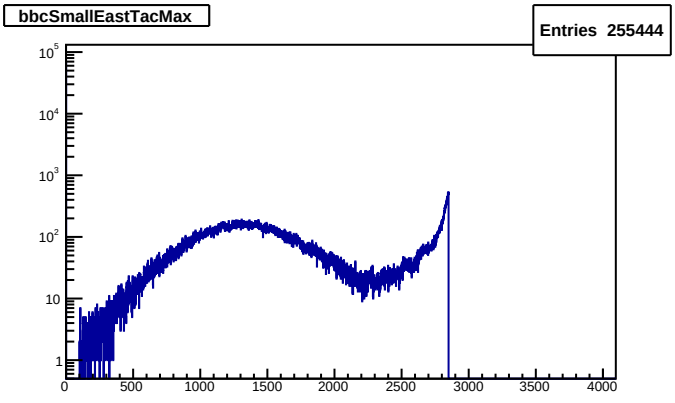

EQ3 QTB
Entries 2.060826e+07
TDC
QT Input Channel

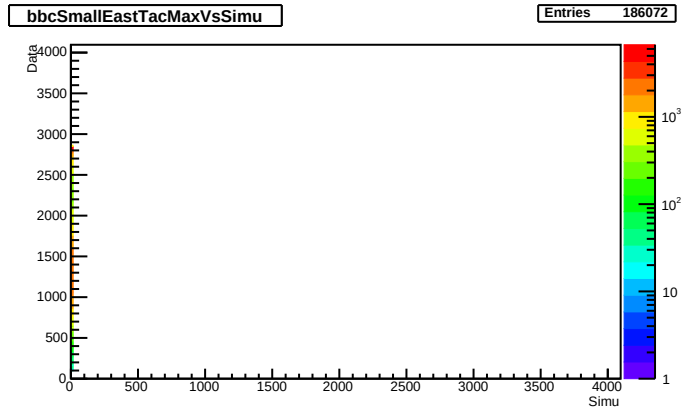

EQ3 QTC
Entries 2.452262e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.452262e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 255444


bbcSmallEastAdcSumVsSimu
Entries 186072
Data
Simu


bbcSmallEastTacMax
Entries 255444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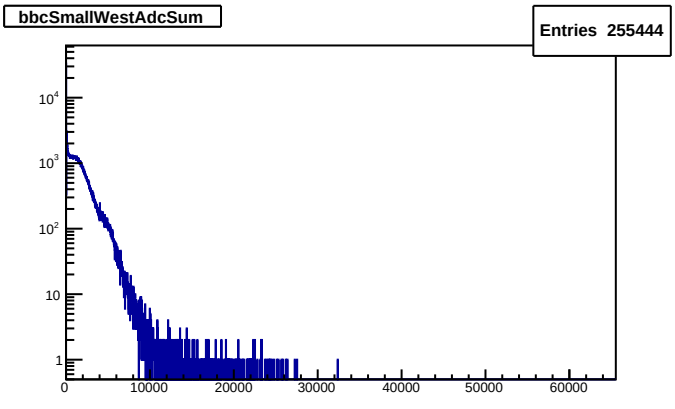
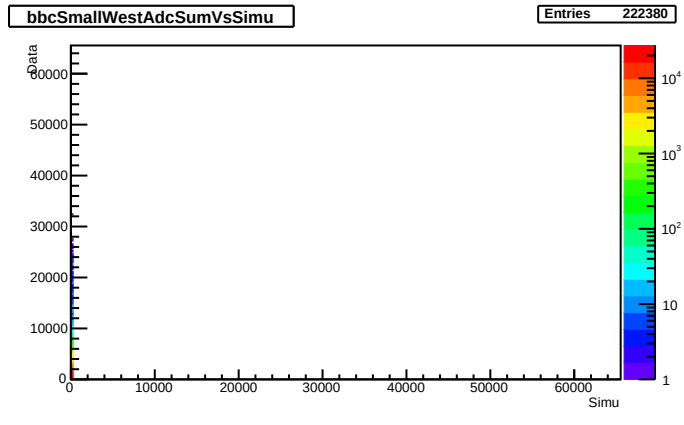
Entries 186072
Data
Simu


bbcSmallWestAdcSum
Entries 255444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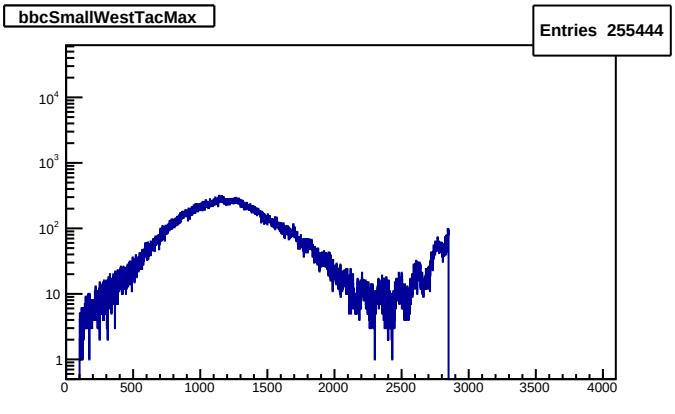
Entries 222380
Data
Simu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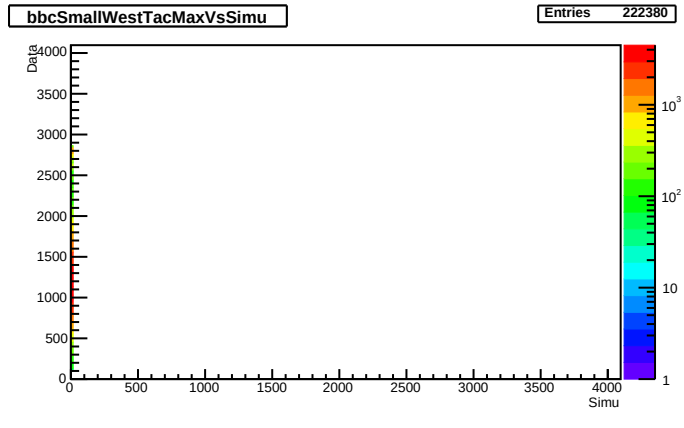
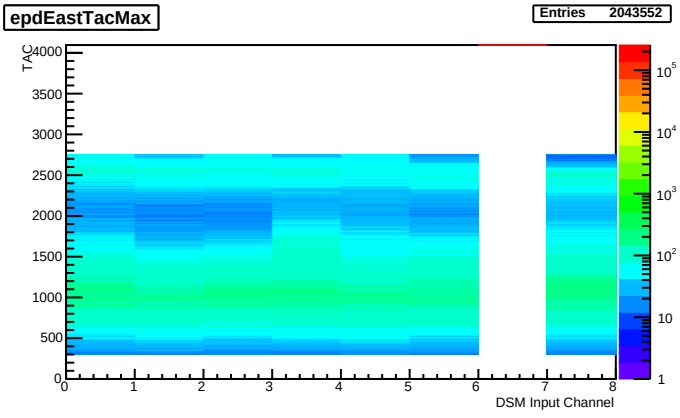
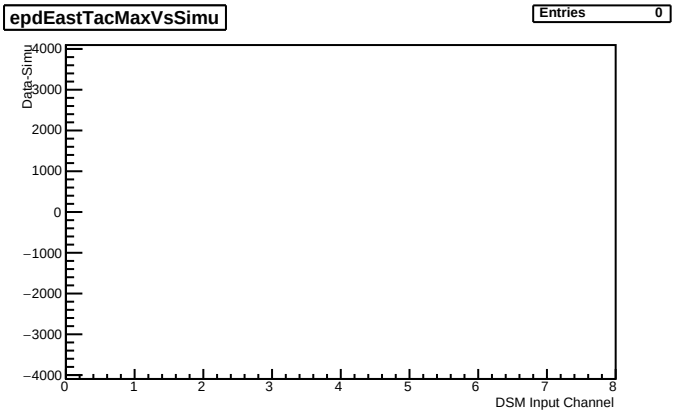
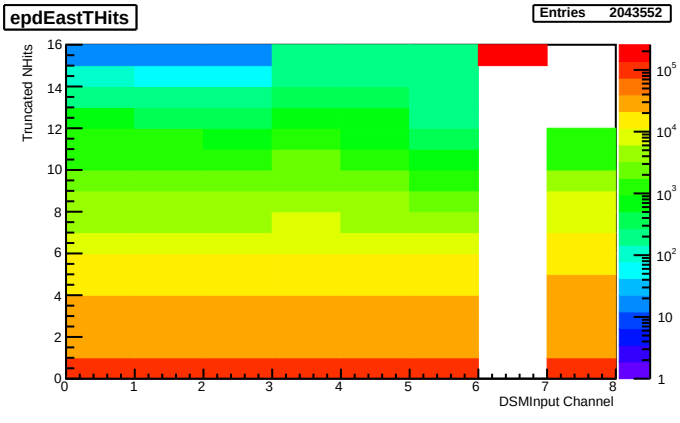
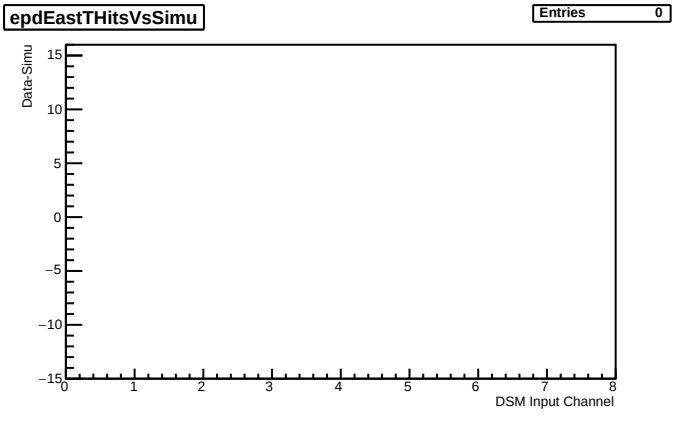
Entries 255444


bbcSmallWestTacMaxVsSimu
Entries 222380
Data
Simu


epdEastTacMax
Entries 2043552
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2043552
Truncated NHits
DSMInput Channel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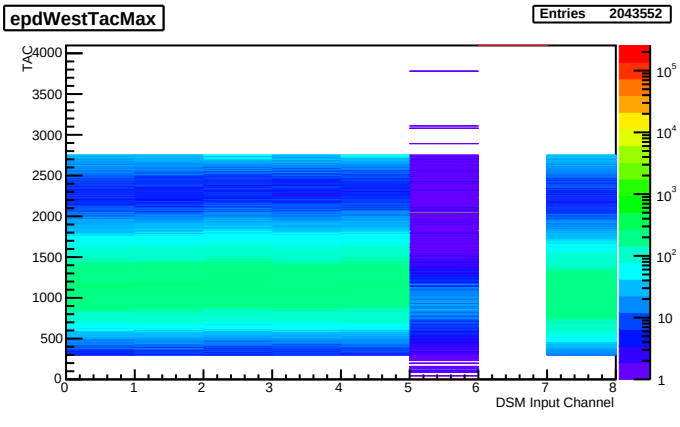
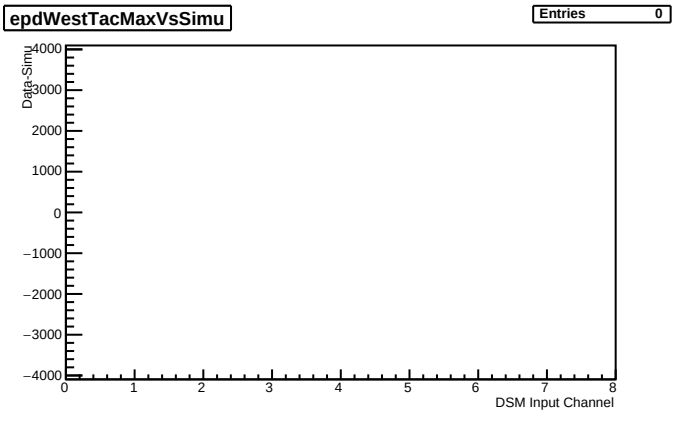
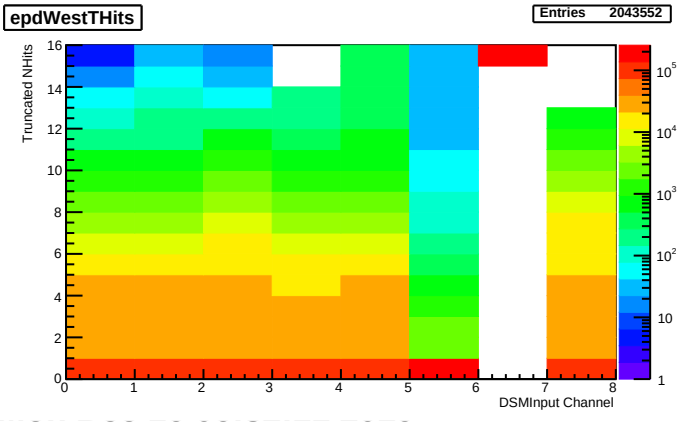
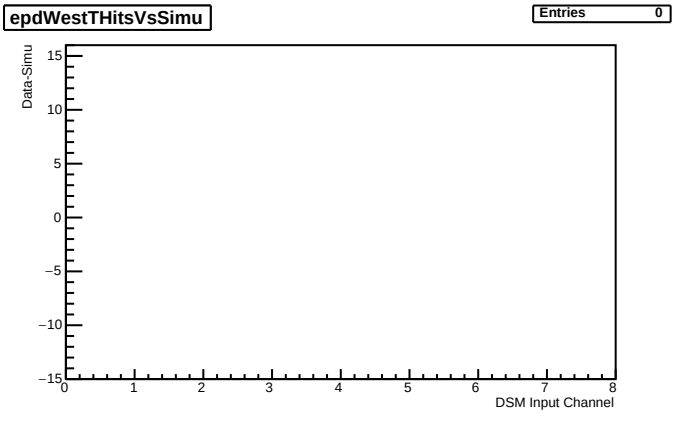
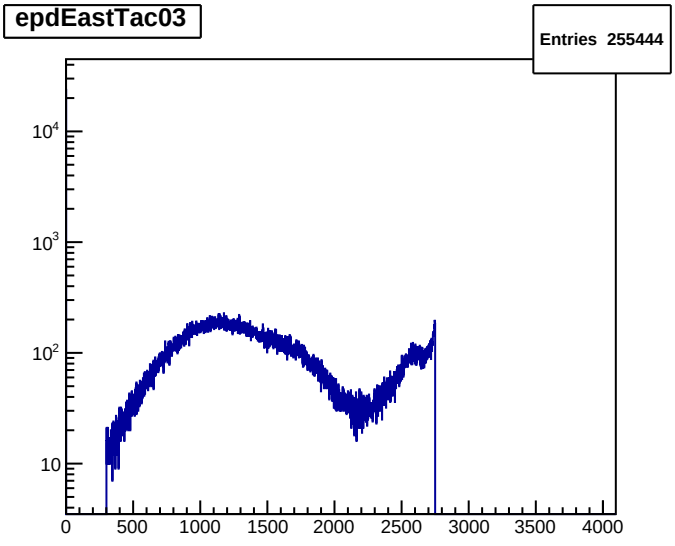
Data-Simu
DSM Input Channel

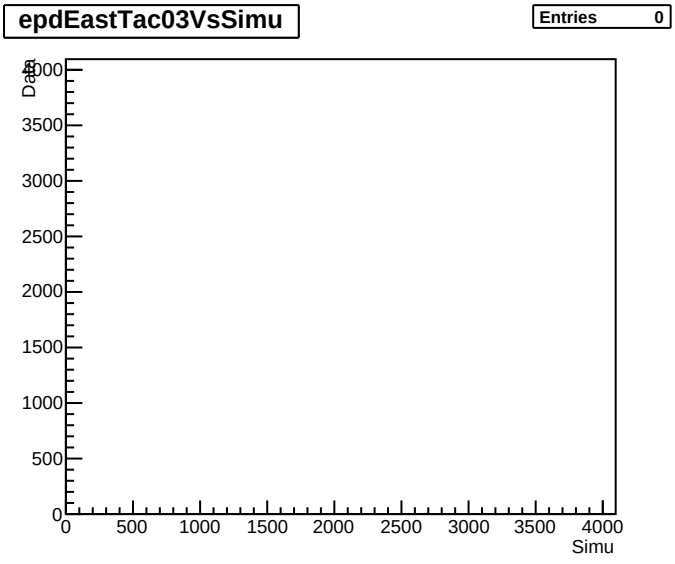

epdWestTacMax
Entries 2043552
TAC
DSM Input Channel

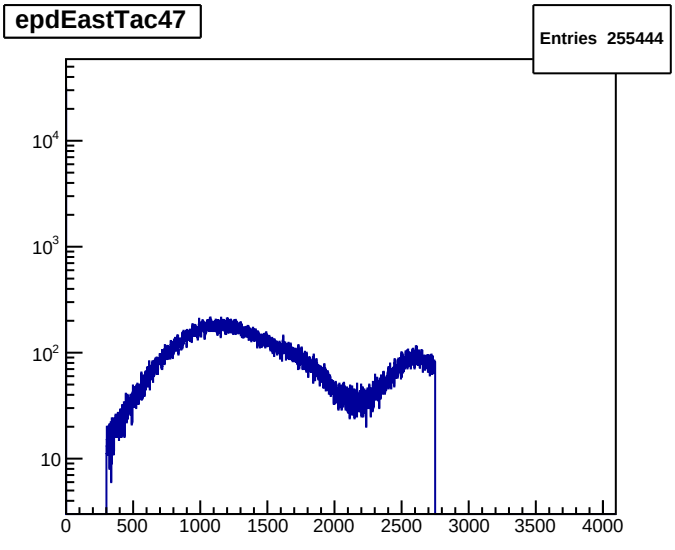

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

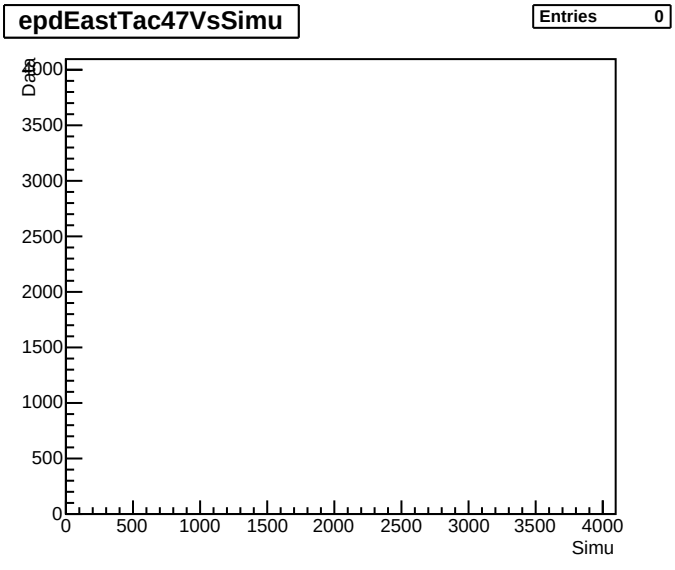

epdWestTHits
Entries 2043552
Truncated NHits
DSMInput Channel

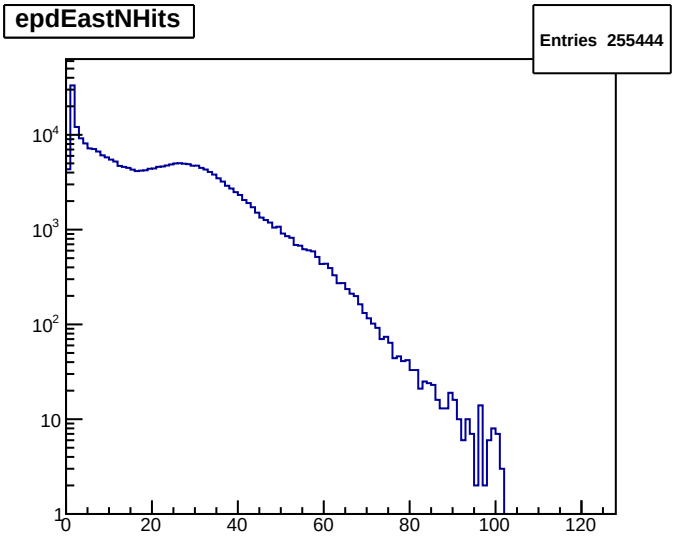

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

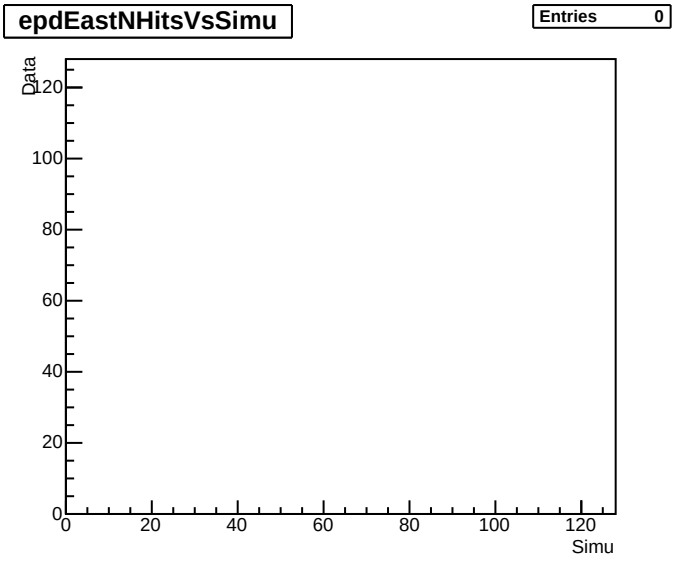

epdEastTac03
Entries 255444


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 255444


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 255444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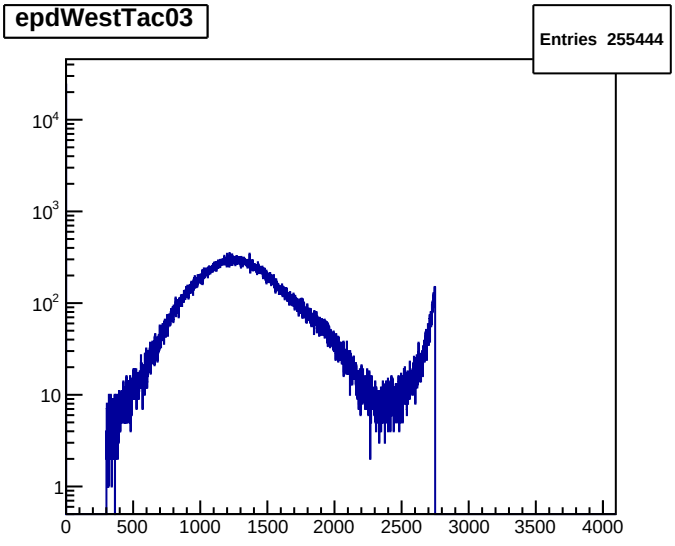
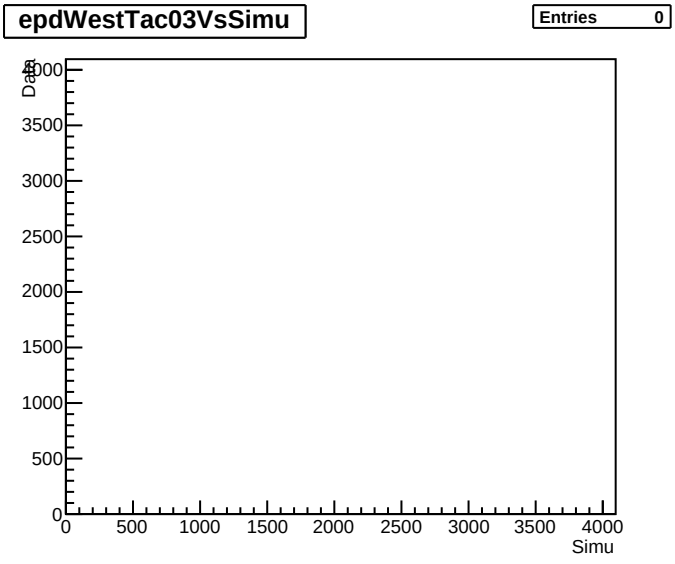
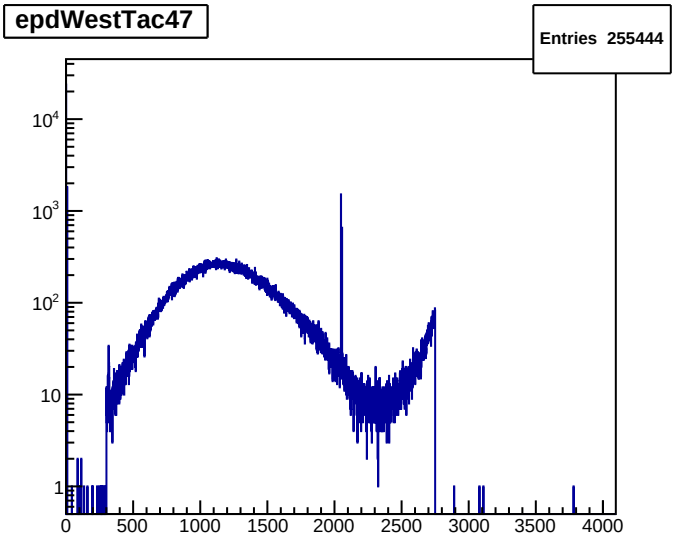
Entries 0
Data
Simu


epdWestTac03
Entries 255444


epdWestTac03VsSimu
Entries 0
Data
Simu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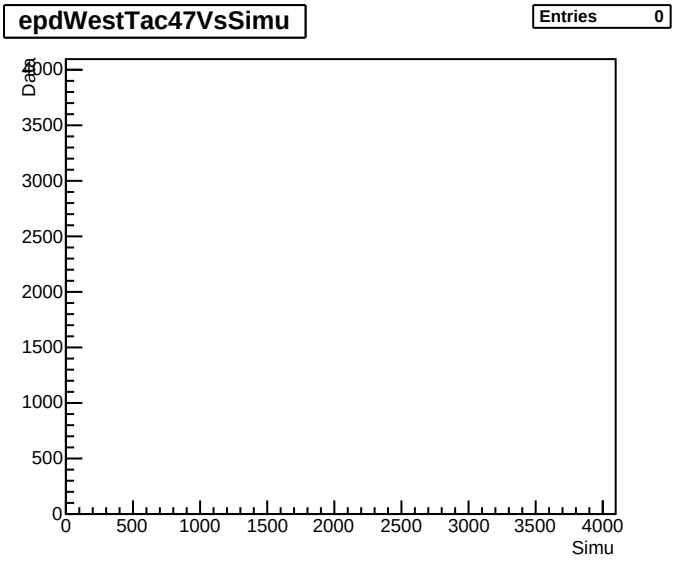
Entries 255444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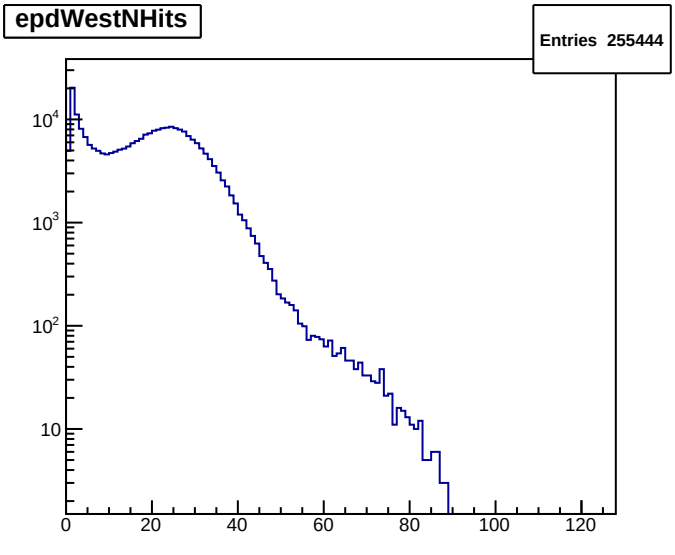
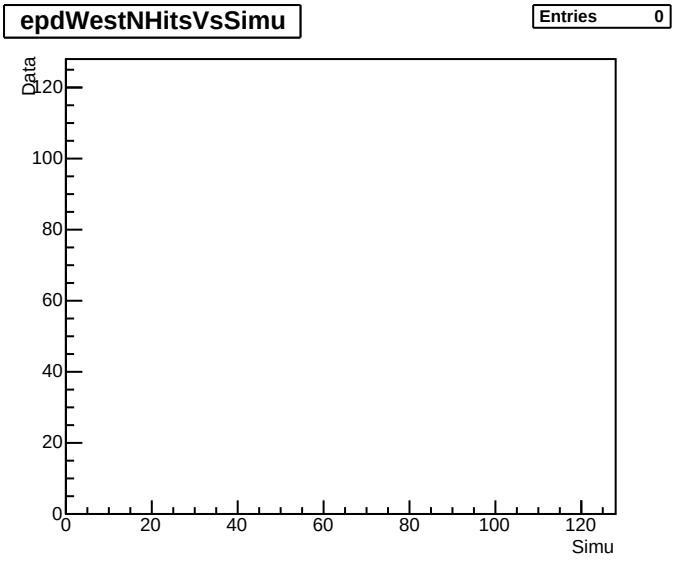
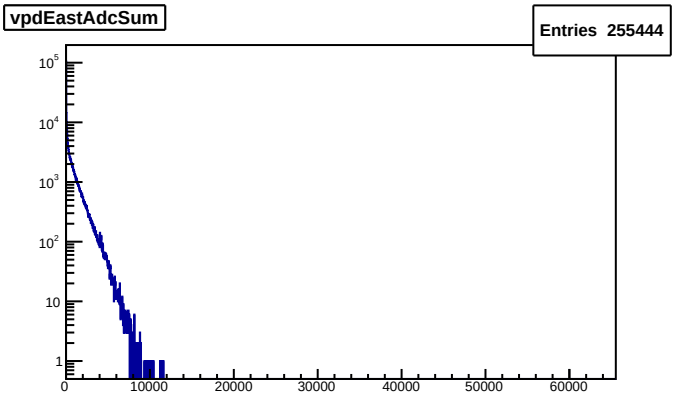
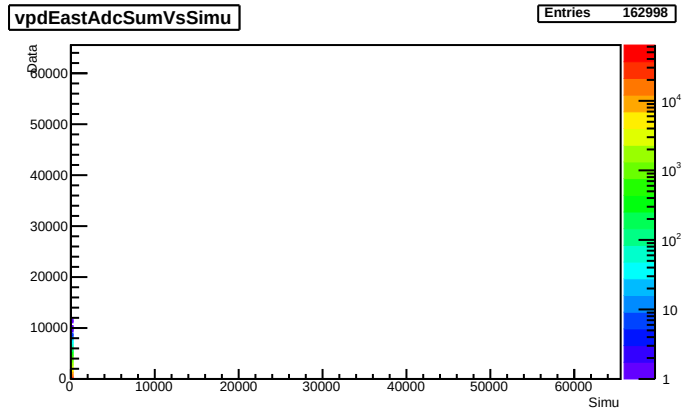
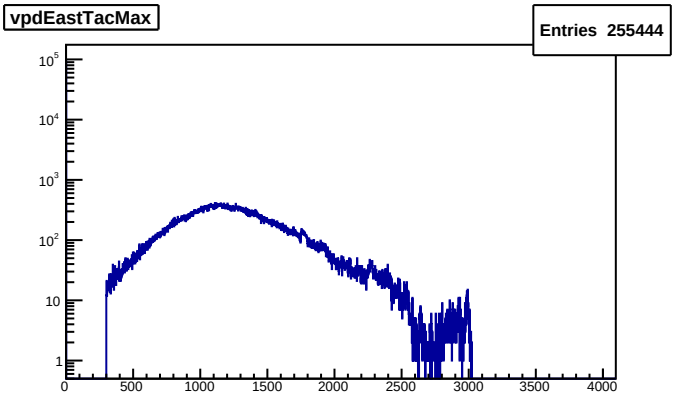
Entries 0
Data
Simu

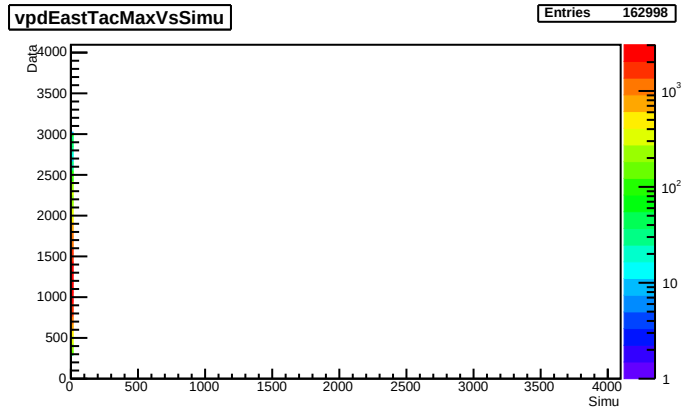

epdWestNHits
Entries 255444

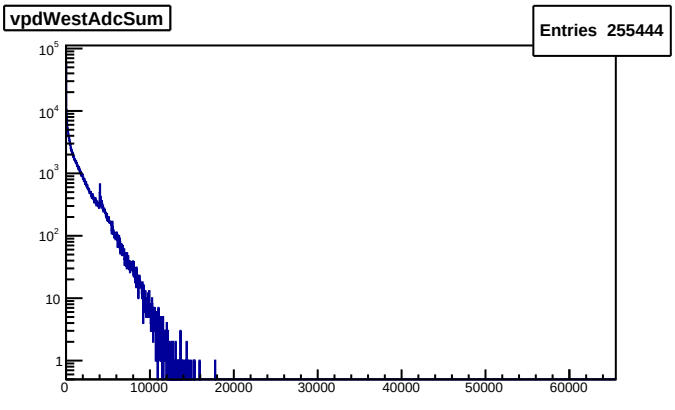

epdWestNHitsVsSimu
Entries 0
Data
Simu

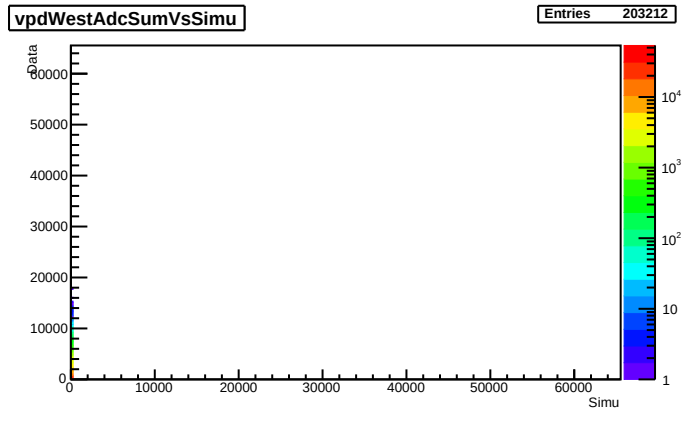

vpdEastAdcSum
Entries 255444

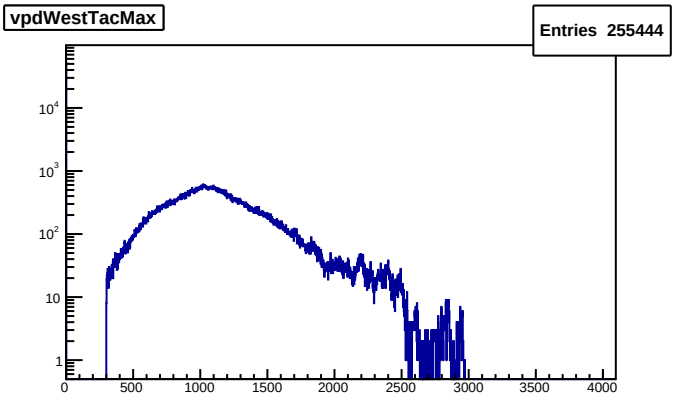

vpdEastAdcSumVsSimu
Entries 162998
Data
Simu

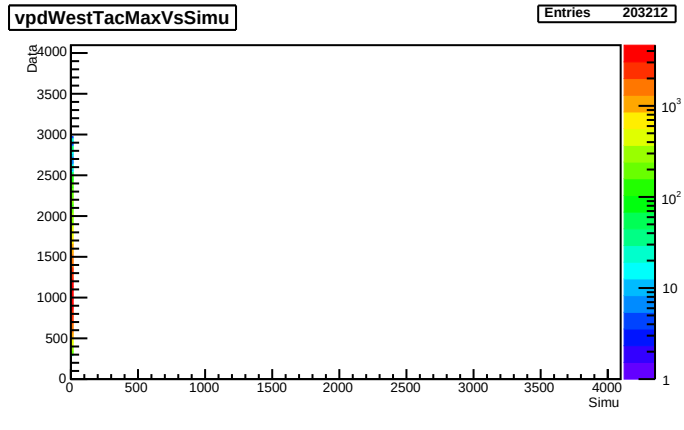

vpdEastTacMax
Entries 255444

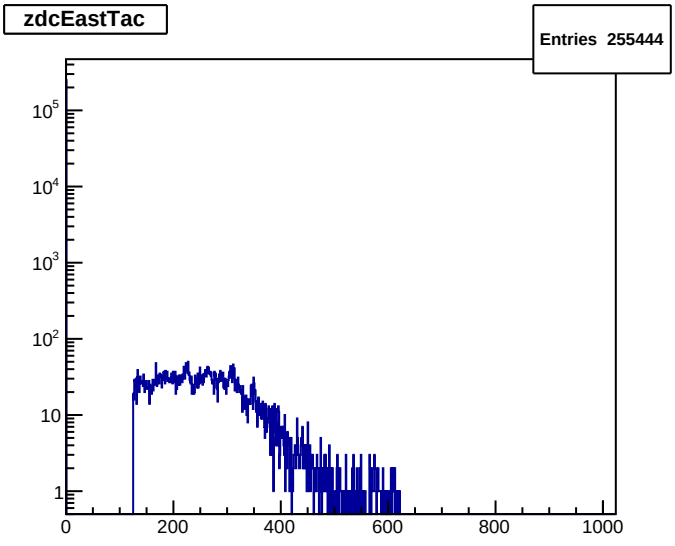

vpdEastTacMaxVsSimu
Entries 162998
Data
Simu

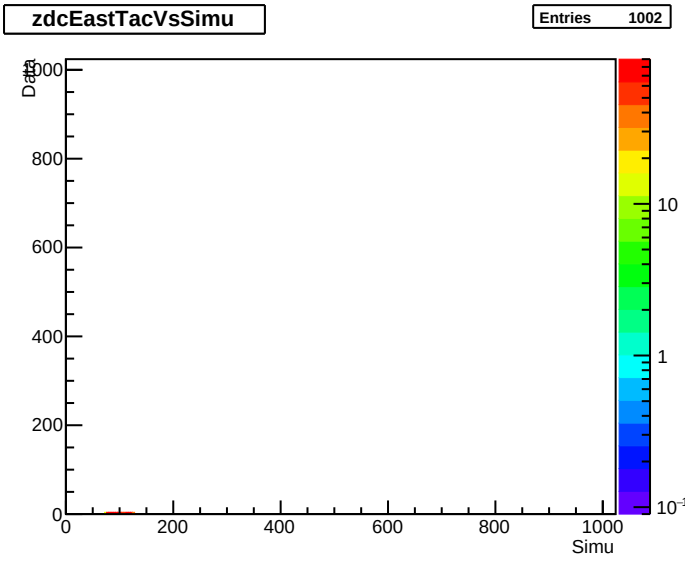

vpdWestAdcSum
Entries 255444

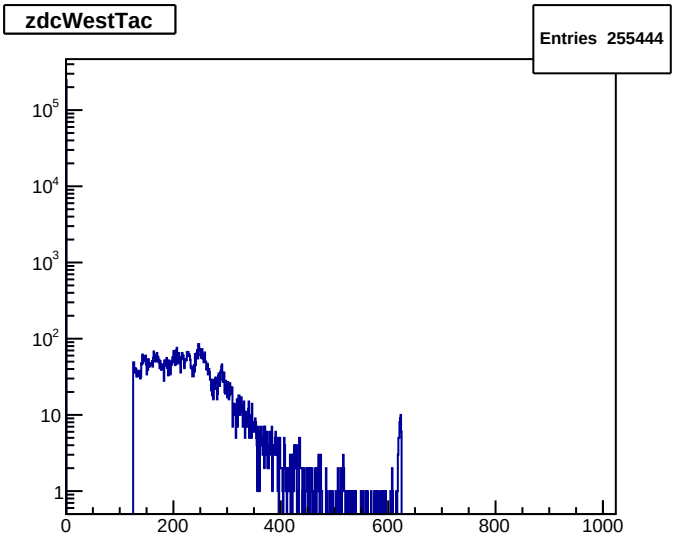

vpdWestAdcSumVsSimu
Entries 203212
Data
Simu

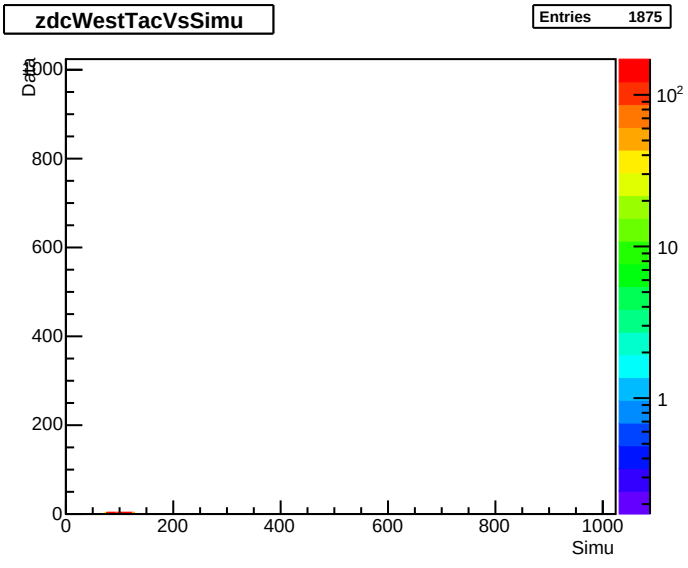

vpdWestTacMax
Entries 255444

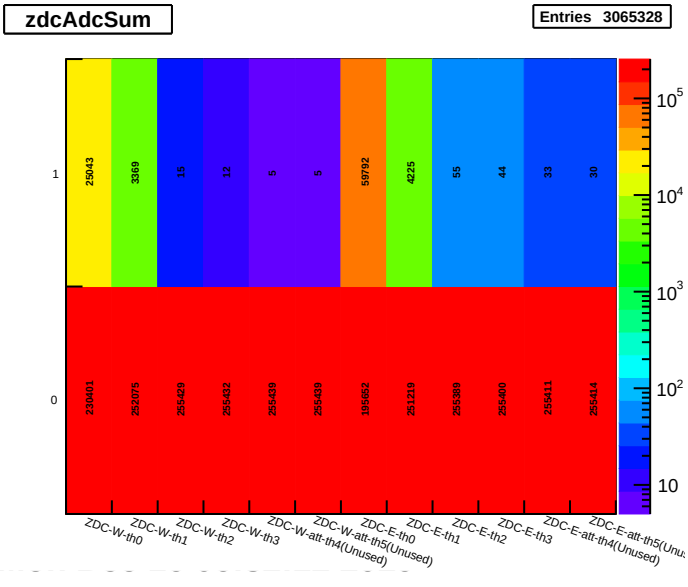

vpdWestTacMaxVsSimu
Entries 203212
Data
Simu

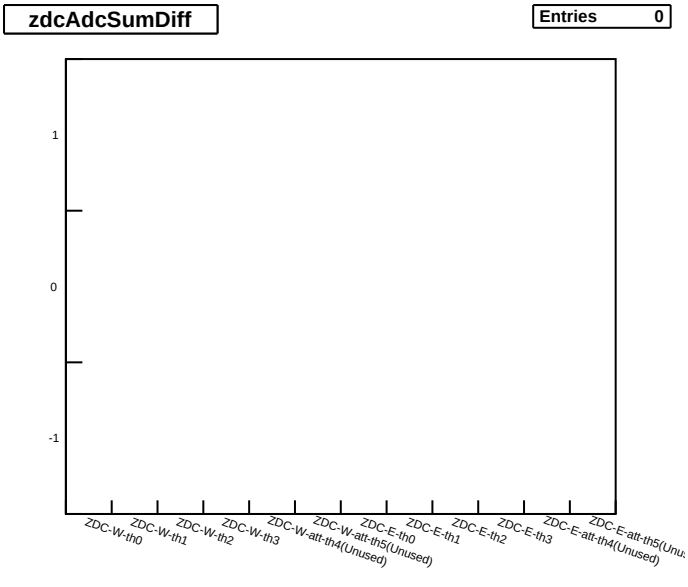

zdcEastTac
Entries 255444

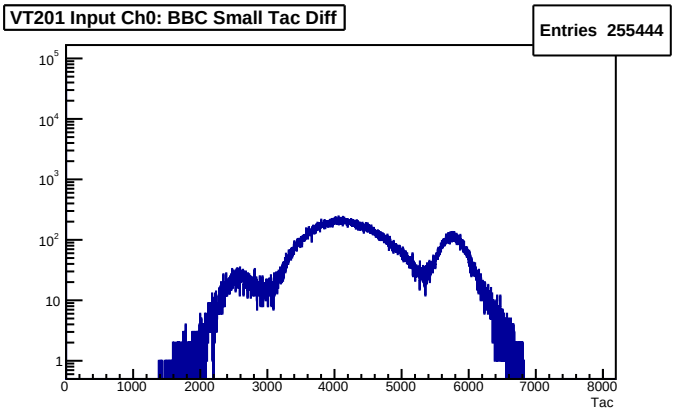

zdcEastTacVsSimu
Entries 1002
Data
Simu

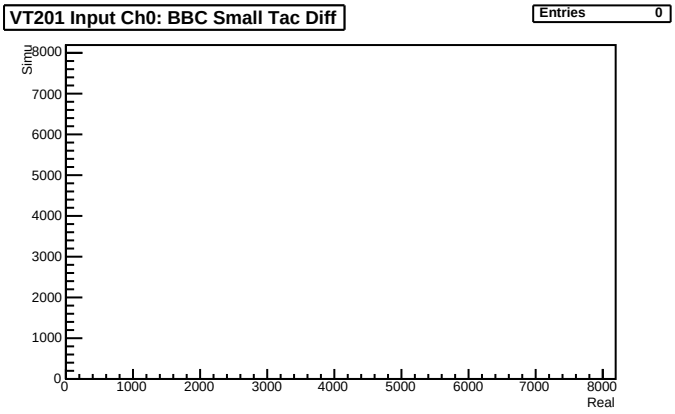

zdcWestTac
Entries 255444

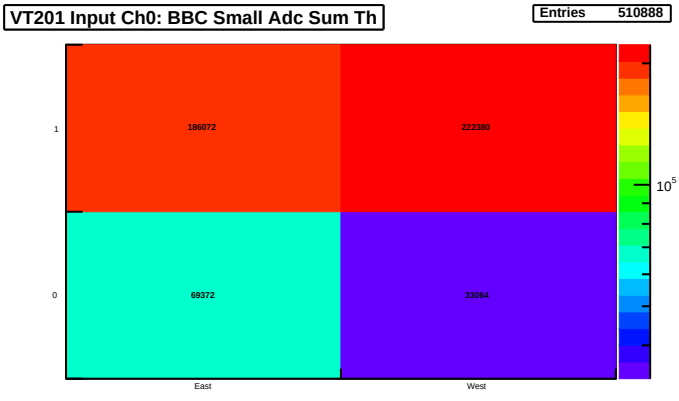

zdcWestTacVsSimu
Entries 1875
Data
Simu

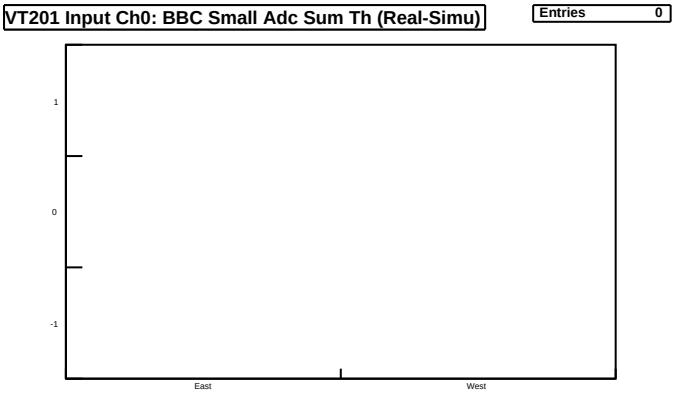

zdcAdcSum
Entries 3065328
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

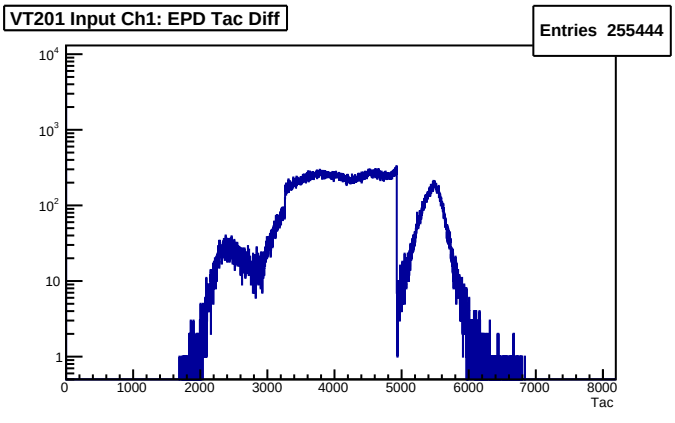

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

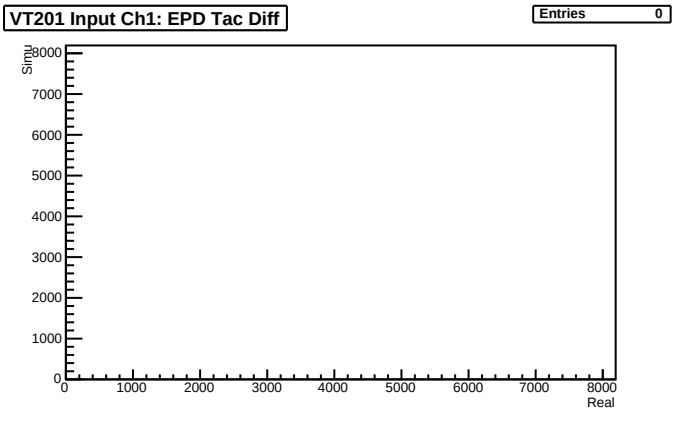

VT201 Input Ch0: BBC Small Tac Diff
Entries 255444
Tac

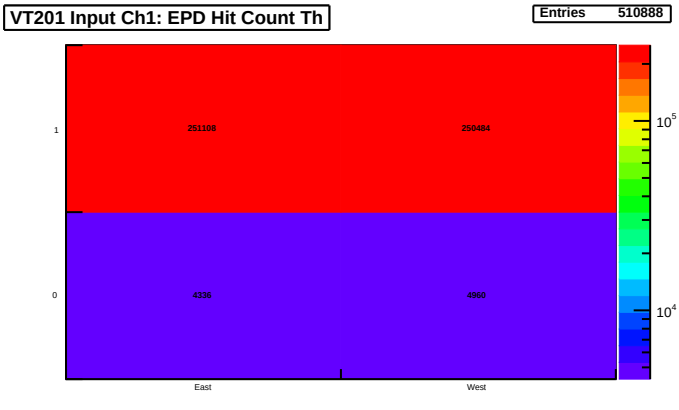

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

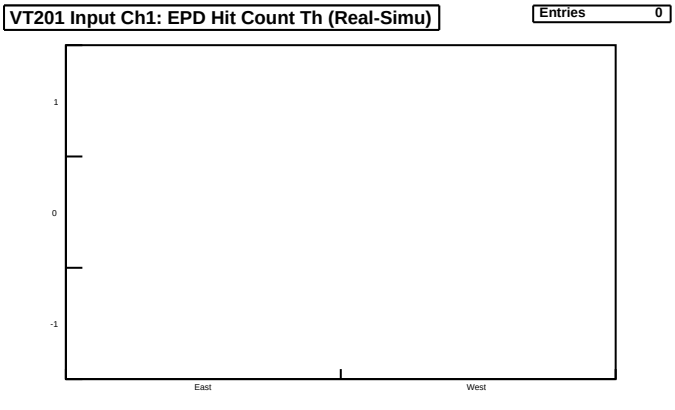

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 510888
186072
222380
69372
33064
East
West

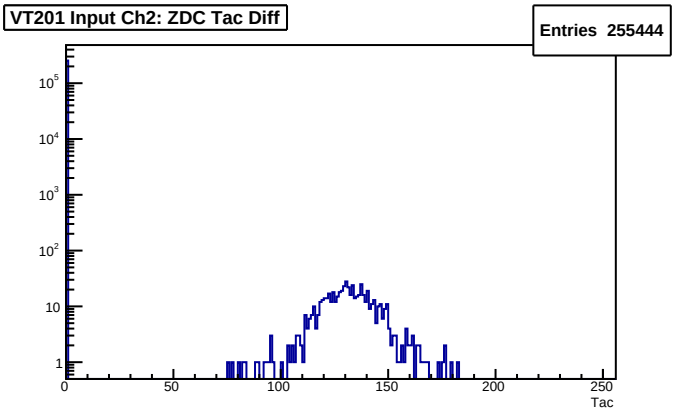

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

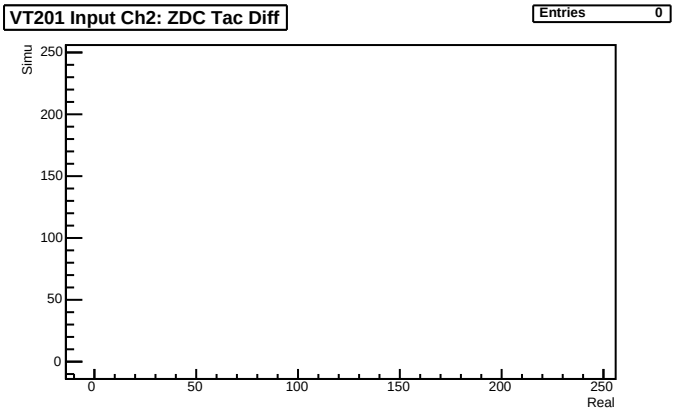

VT201 Input Ch1: EPD Tac Diff
Entries 255444
Tac

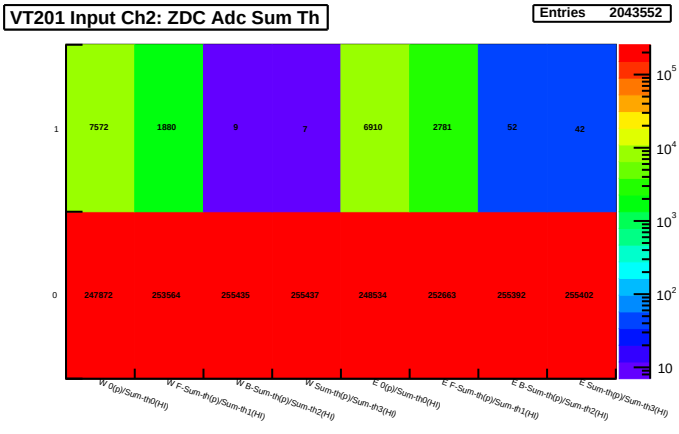

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

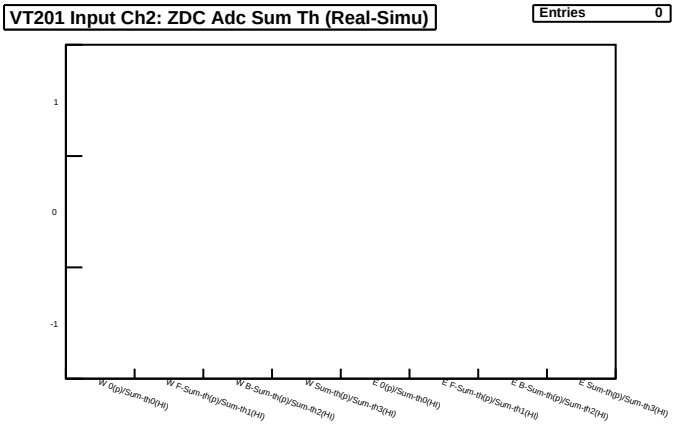

VT201 Input Ch1: EPD Hit Count Th
Entries 510888
251108
250484
4336
4960
East
West

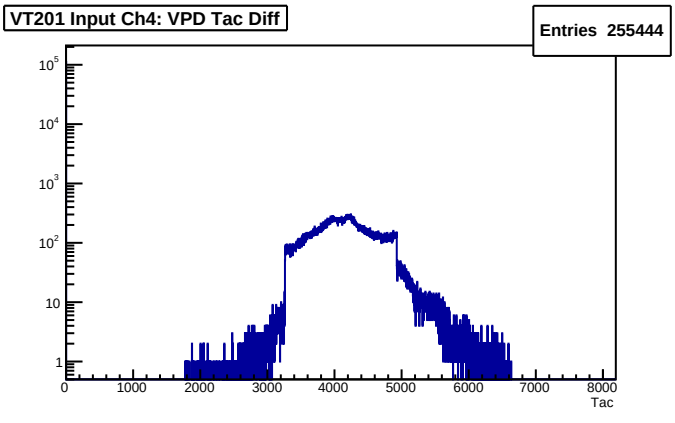

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

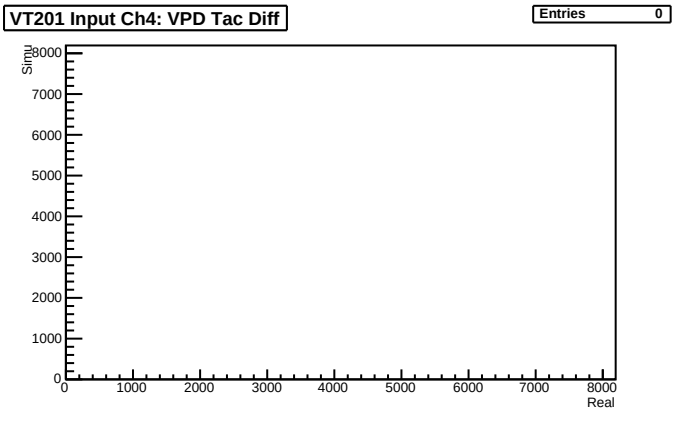

VT201 Input Ch2: ZDC Tac Diff
Entries 255444
Tac

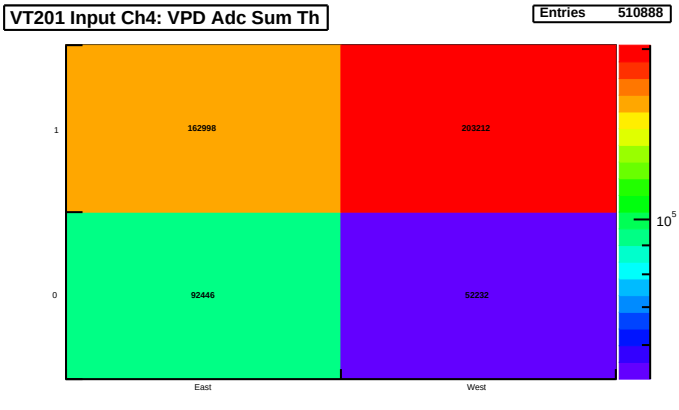

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

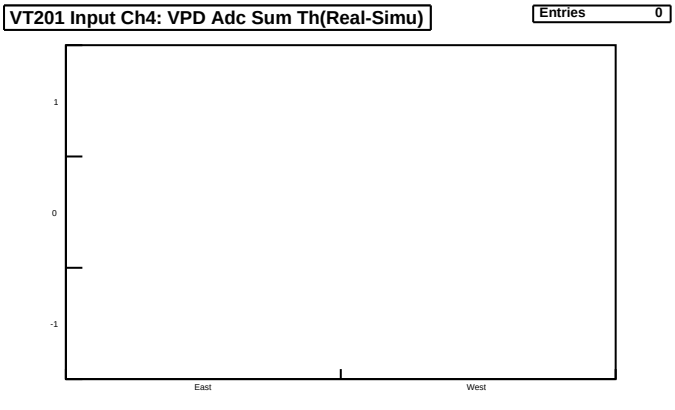

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2043552
7572
1880
9
7
6910
2781
52
42
247872
253564
255435
255437
248534
252663
255392
255402
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

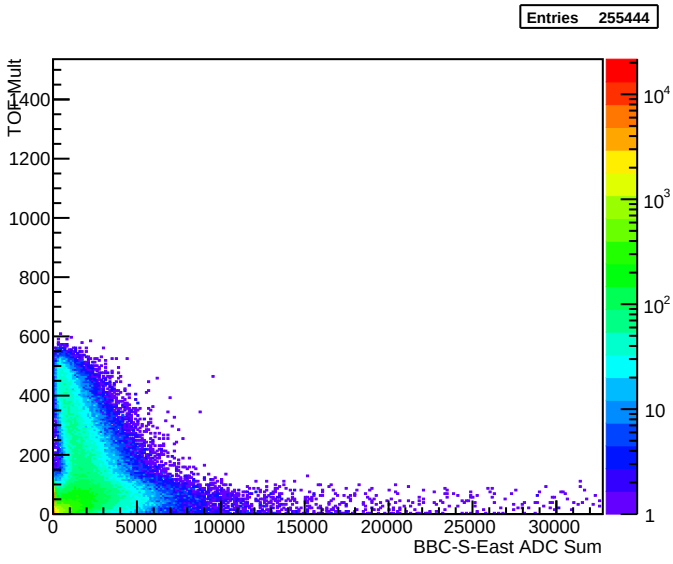

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

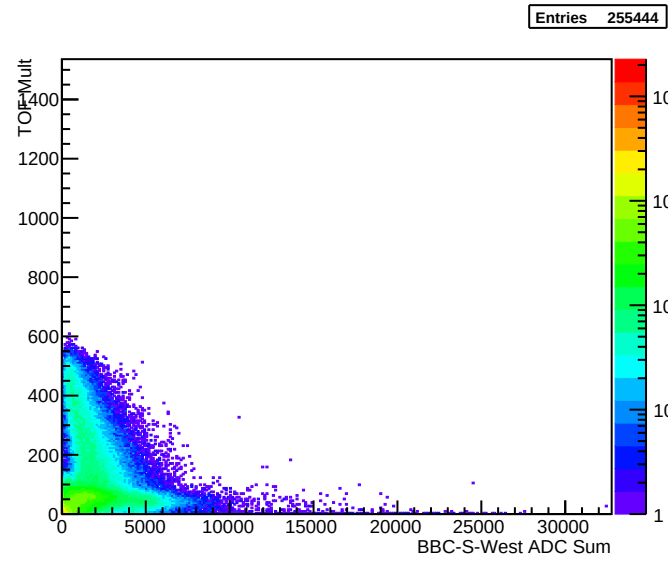

VT201 Input Ch4: VPD Tac Diff
Entries 255444
Tac

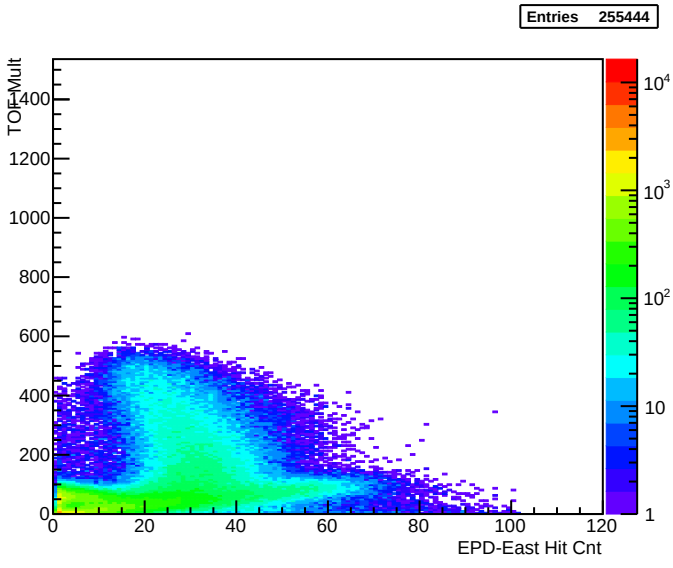

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

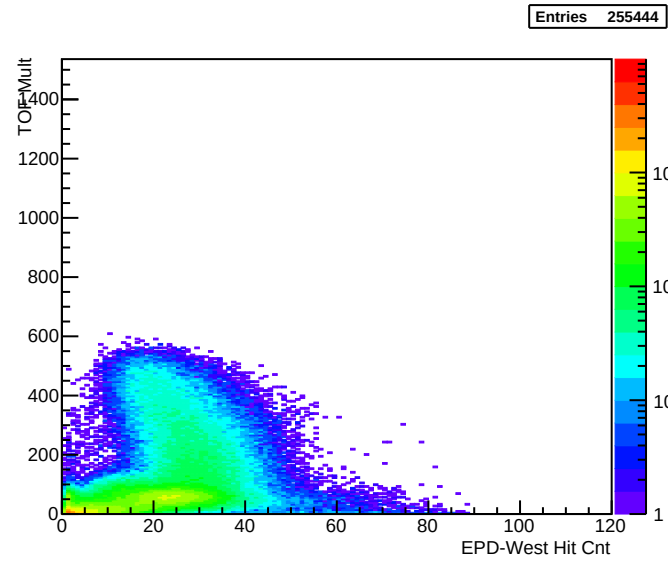

VT201 Input Ch4: VPD Adc Sum Th
Entries 510888
162998
203212
92446
52232
East
West

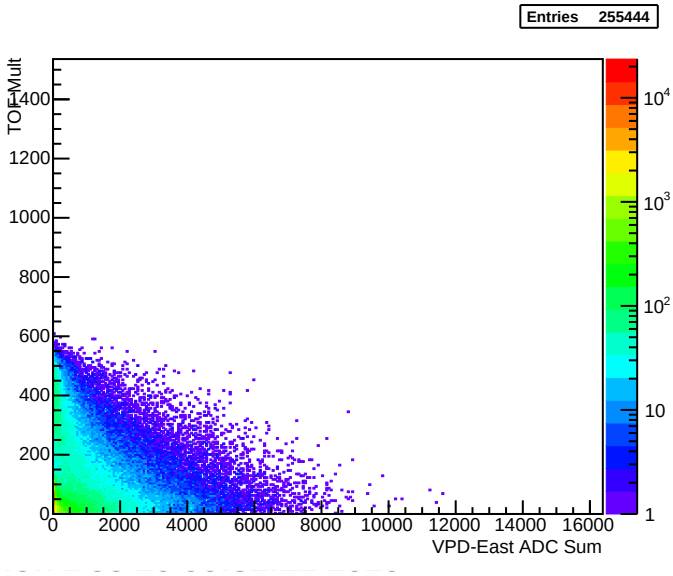

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

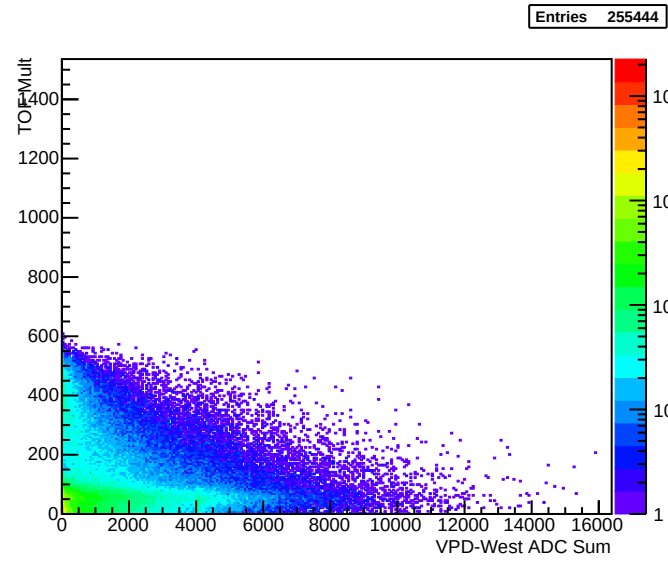

Entries 255444
TOF-Mult
BBC-S-East ADC Sum

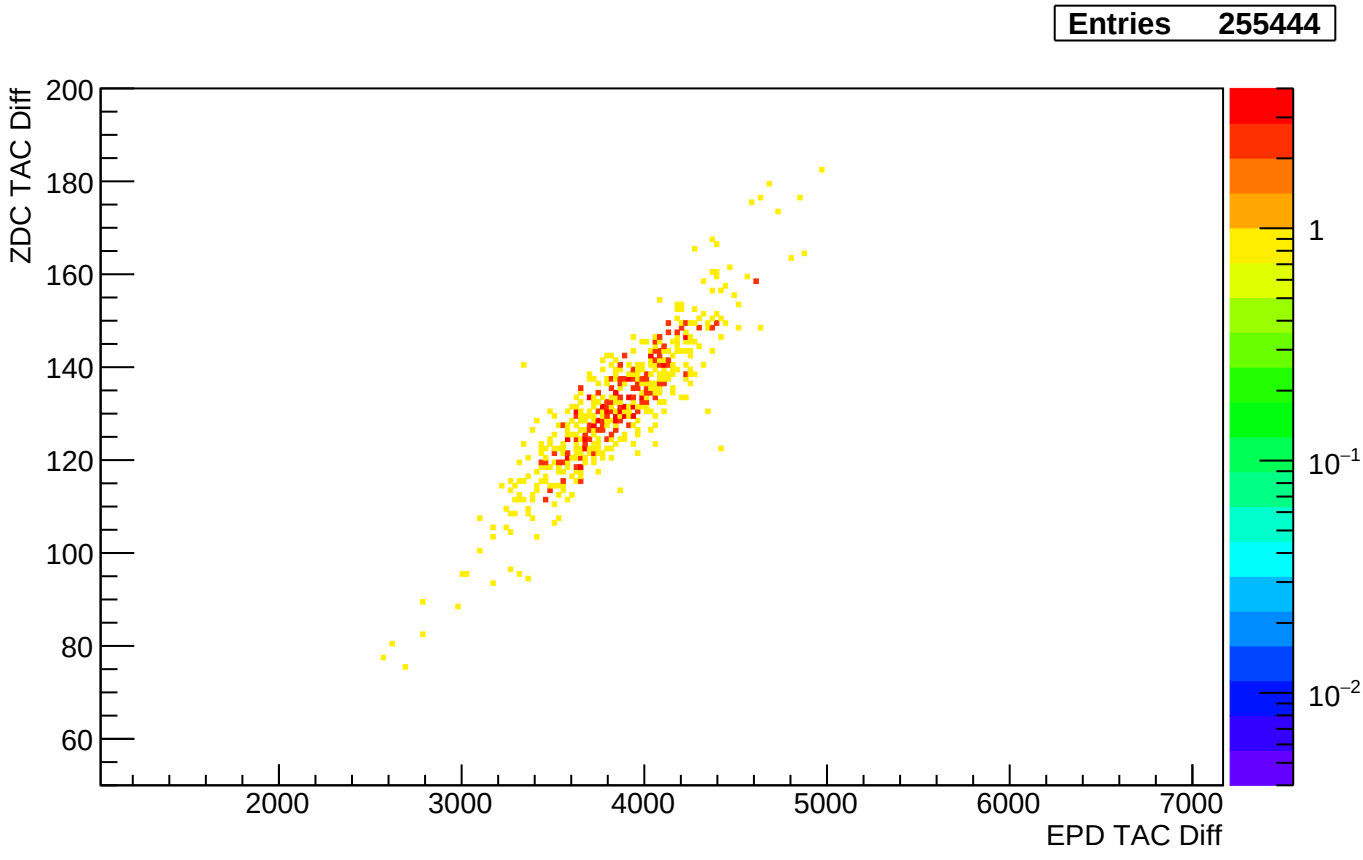

Entries 255444
TOF-Mult
BBC-S-West ADC Sum

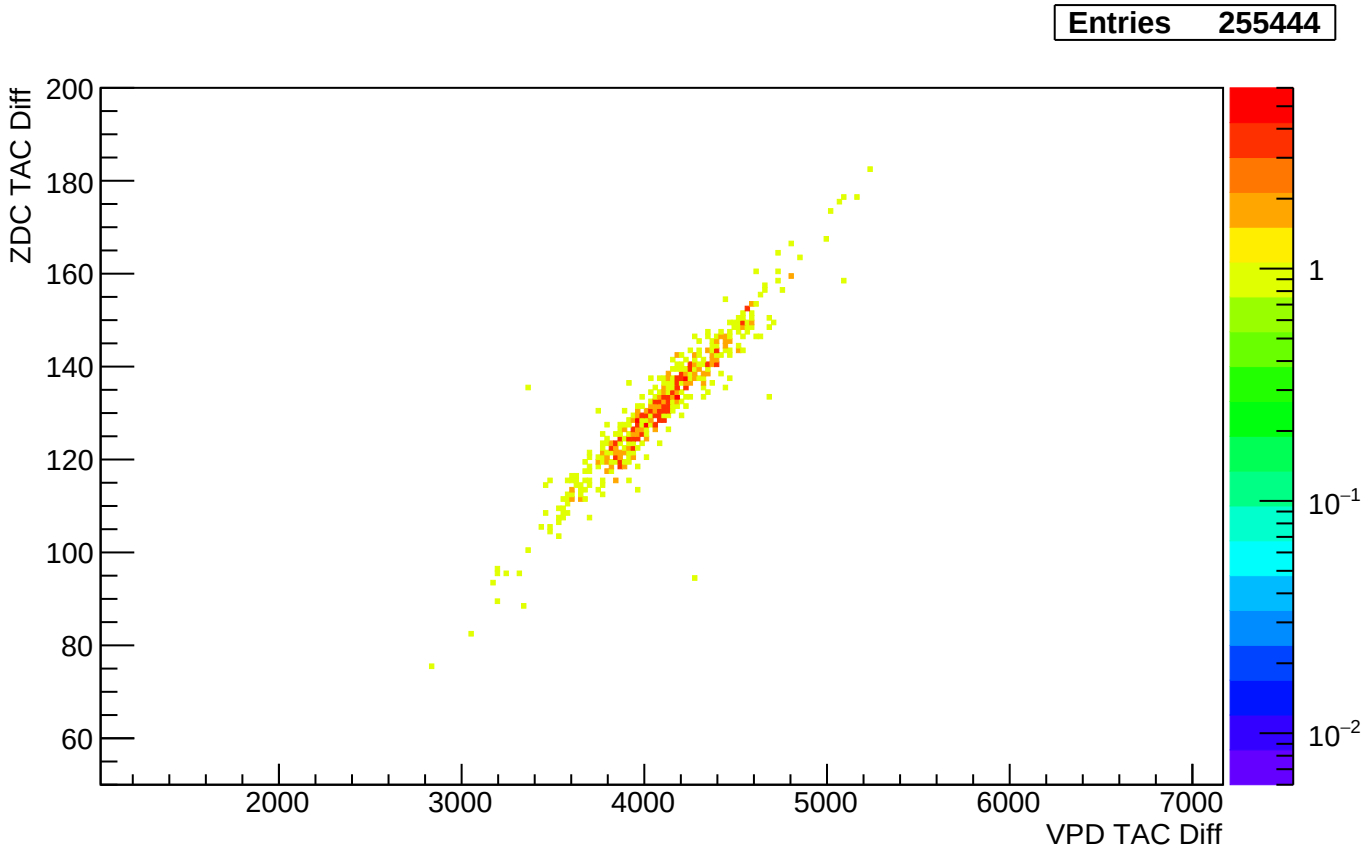

Entries 255444
TOF-Mult
EPD-East Hit Cnt

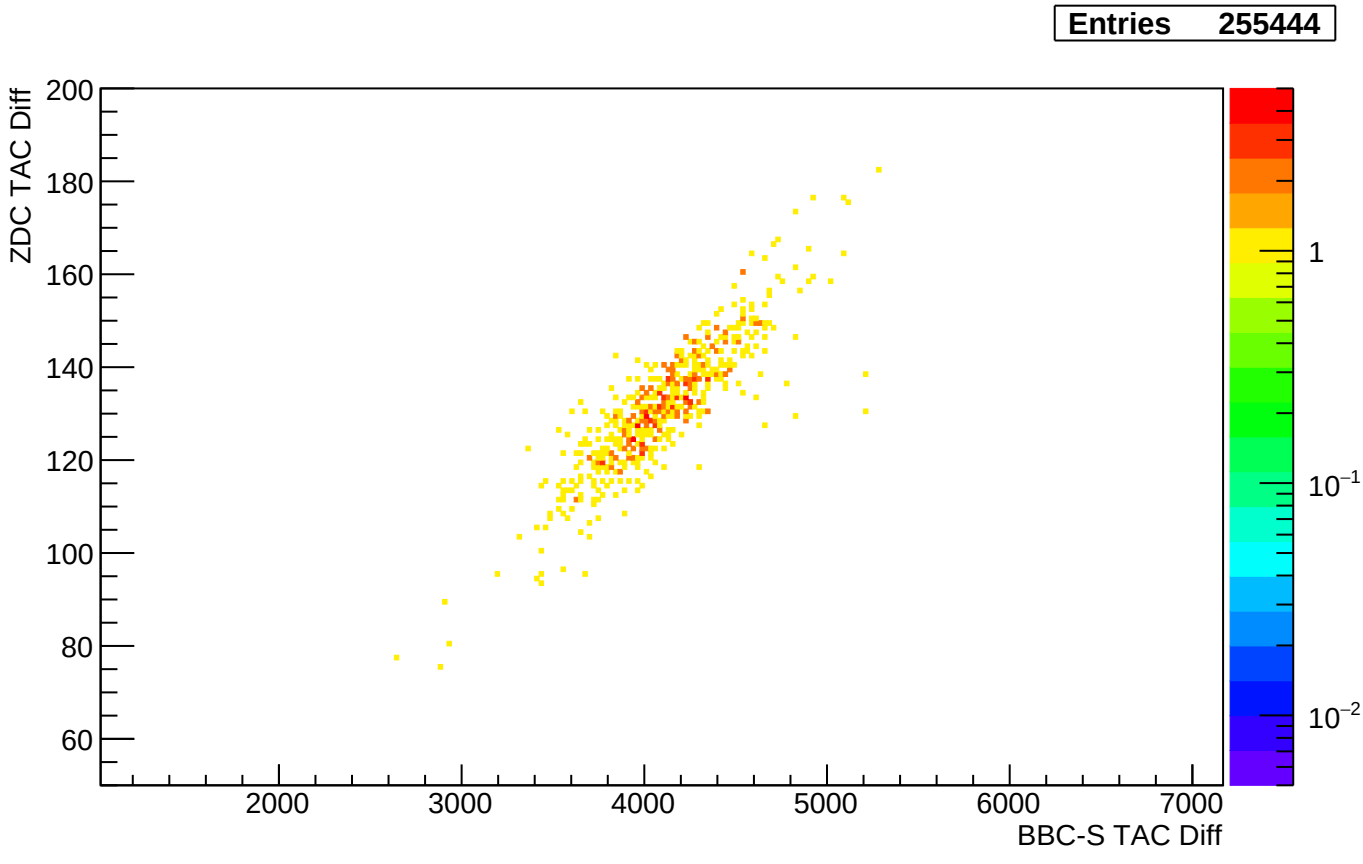

Entries 255444
TOF-Mult
EPD-West Hit Cnt

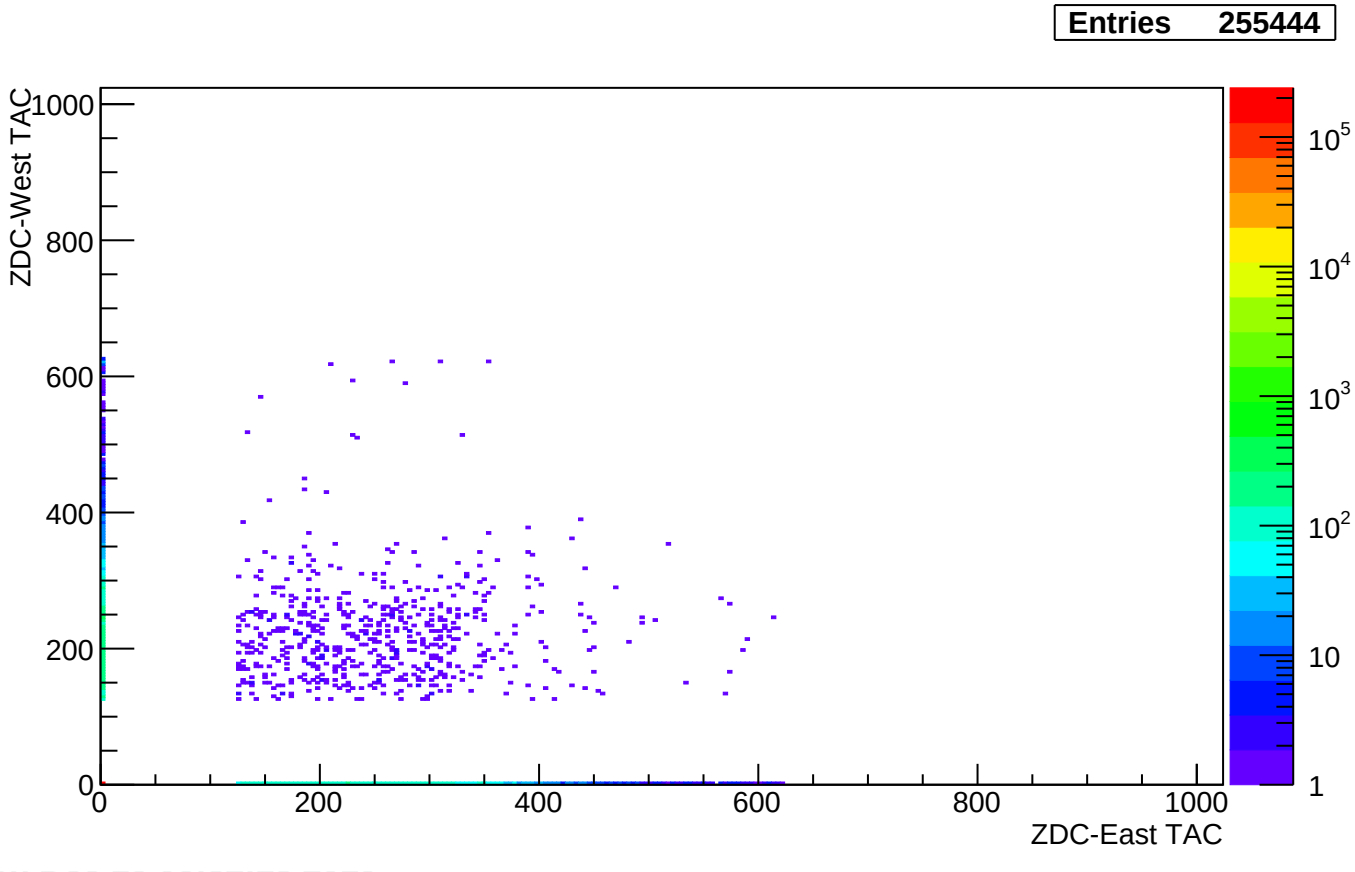

Entries 255444
TOF-Mult
VPD-East ADC Sum

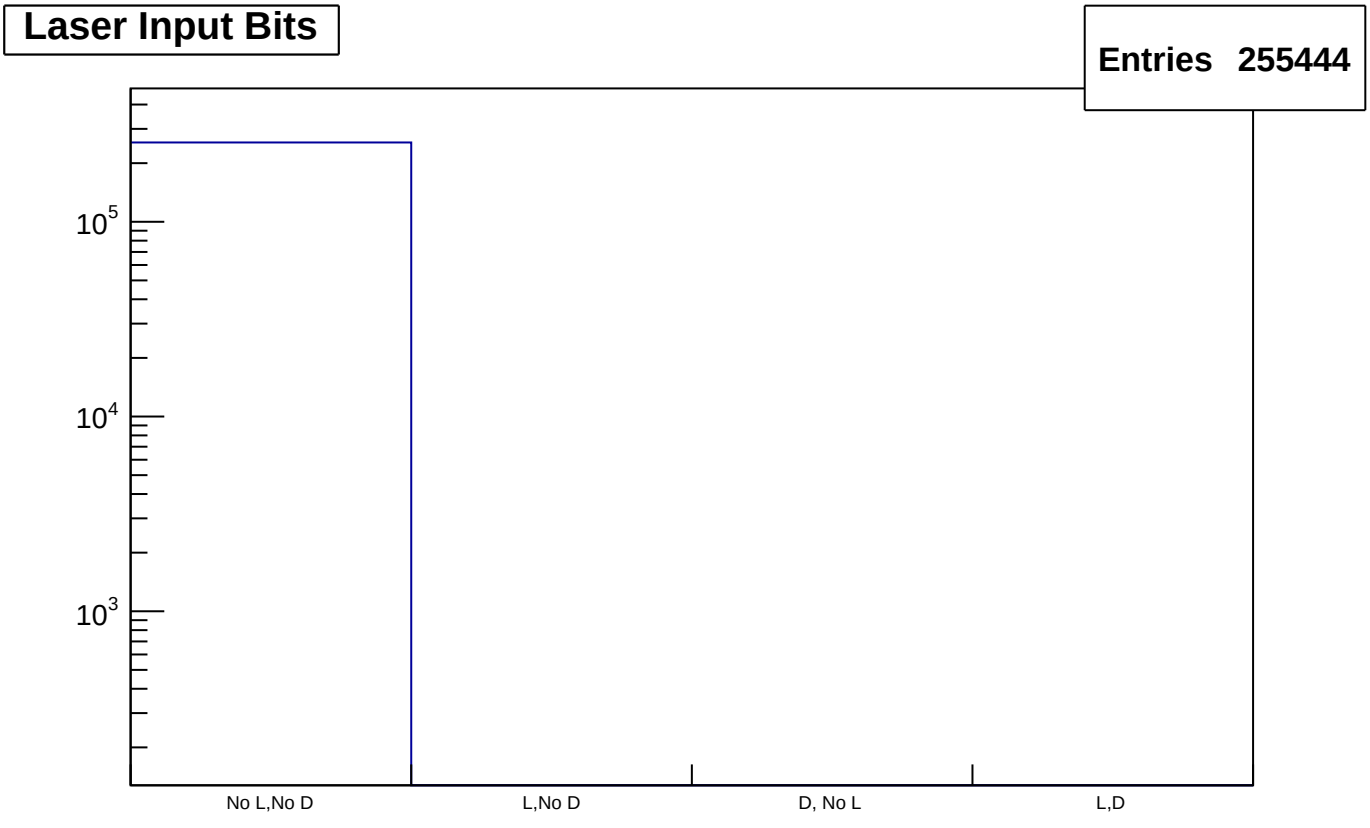

Entries 255444
TOF-Mult
VPD-West ADC Sum

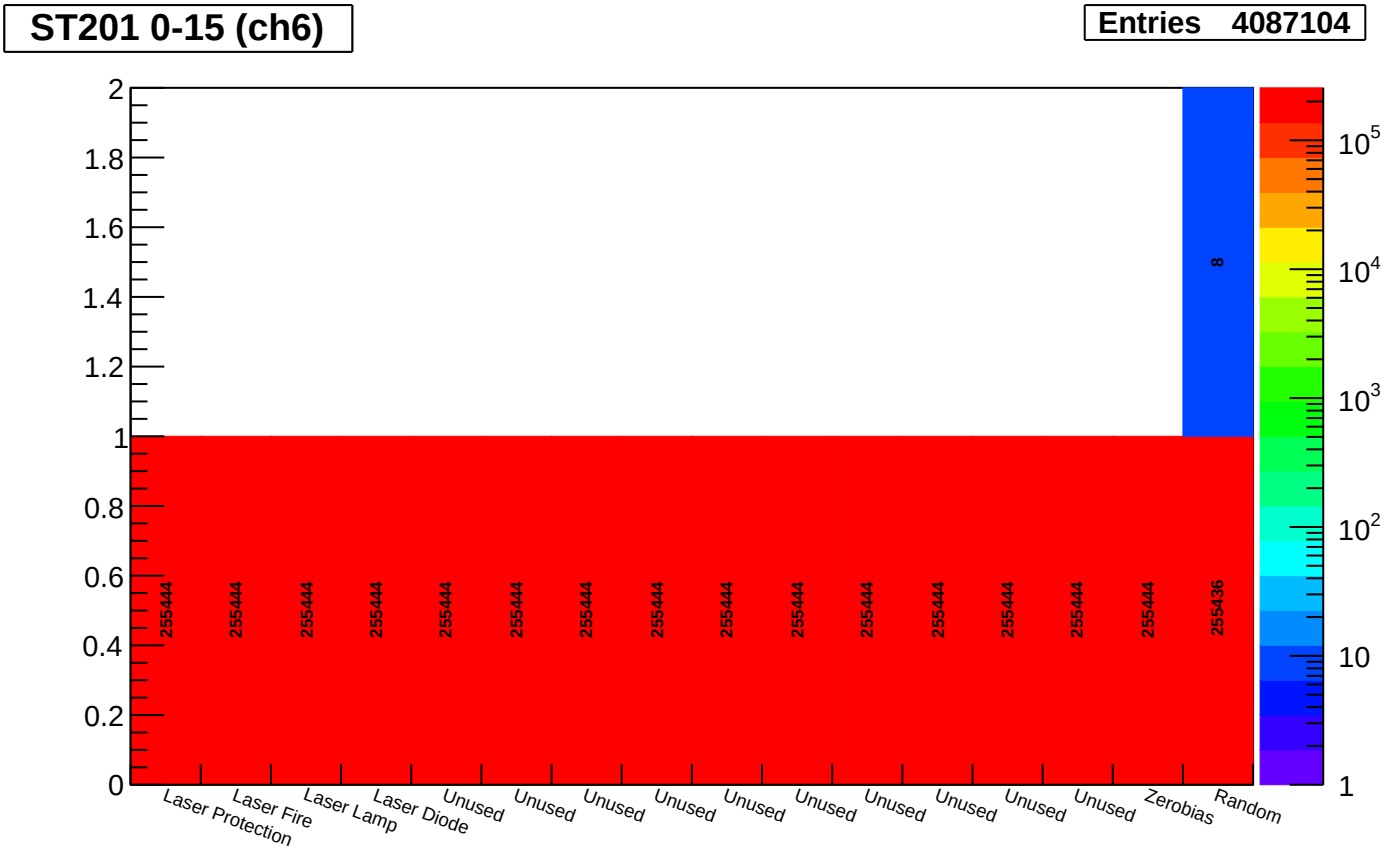

Entries 255444
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

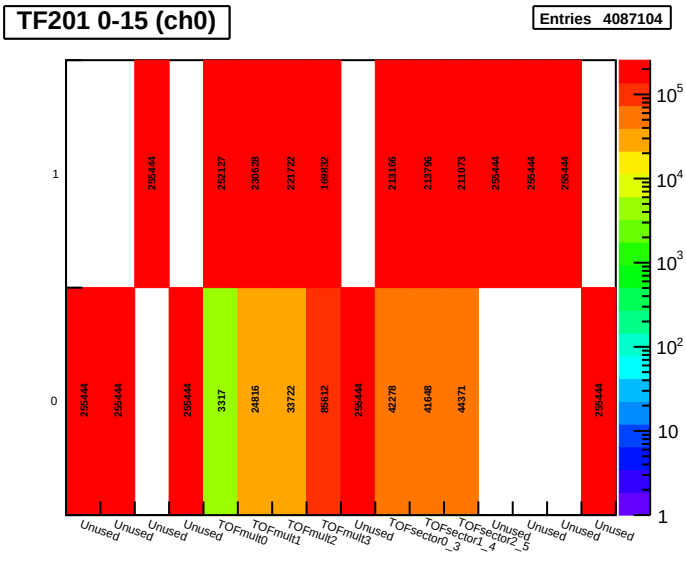

Entries 255444
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

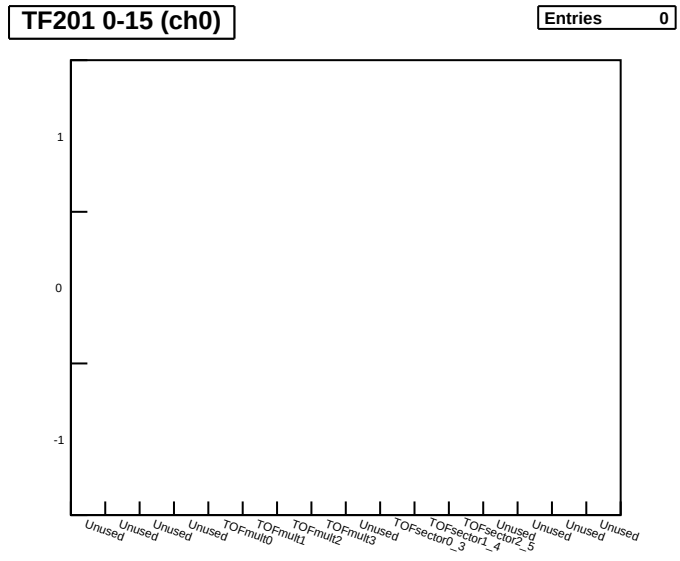

Entries 255444
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

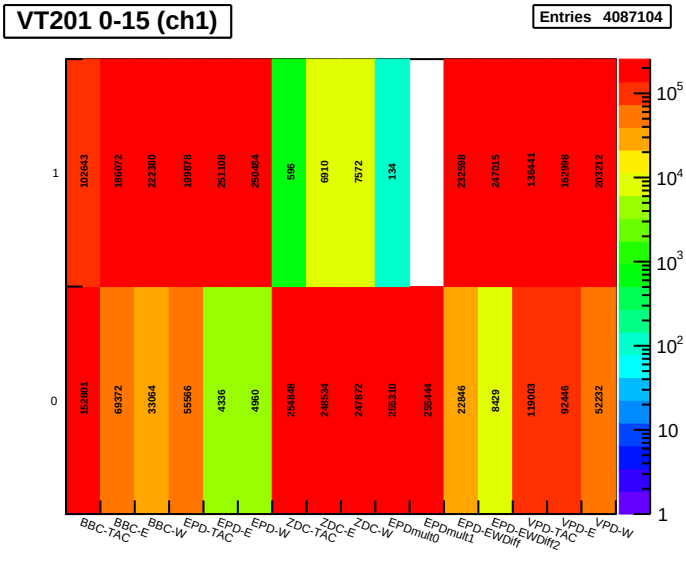

Entries 255444
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

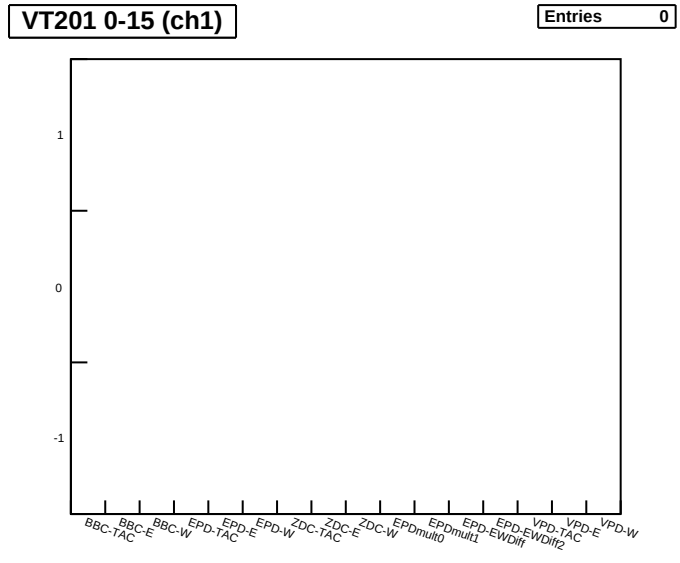

Laser Input Bits
Entries 255444
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

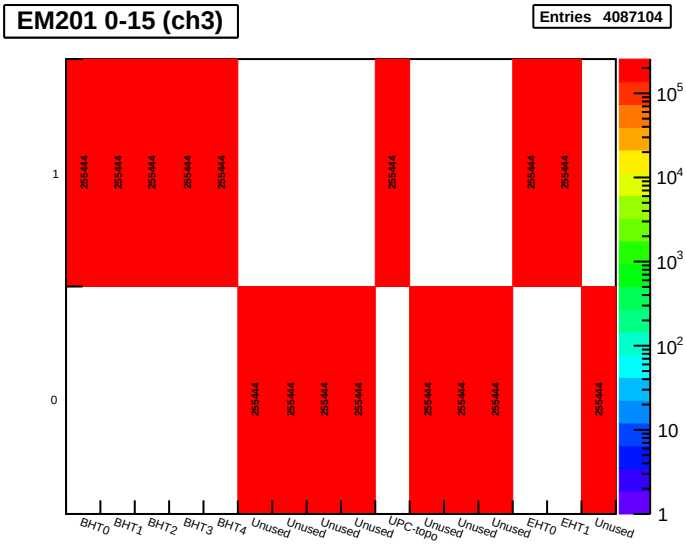

ST201 0-15 (ch6)
Entries 4087104
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
255444
255444
255444
255444
255444
255444
255444
255444
255444
255444
255444
255444
255444
255444
255444
255436
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

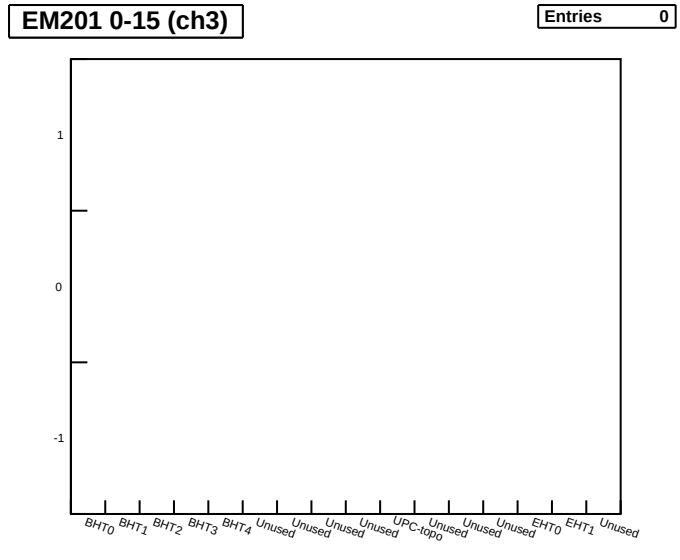

TF201 0-15 (ch0)
Entries 4087104
1
0
255444 255444 255444 3317 24816 33722 85612 255444 42278 41648 44371 255444
255444 232127 230628 221722 169832 213166 213796 211073 255444 255444 255444
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 4087104
1
0
102643 186072 222380 199878 251108 250484 596 6910 7572 134 232598 247015 136441 162998 203212
152801 69372 33064 55566 4336 4960 254848 248534 247872 255310 255444 22846 8429 119003 92446 52232
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 4087104
1
0
255444 255444 255444 255444 255444 255444 255444 255444 255444
255444 255444 255444 255444 255444 255444 255444 255444
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