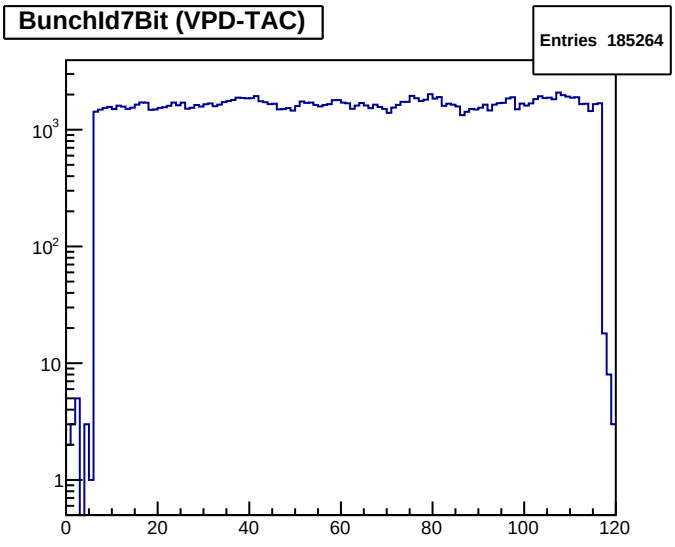
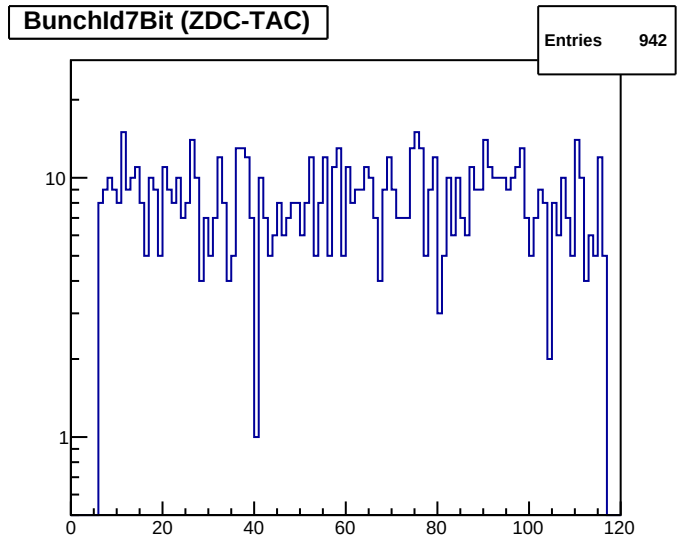
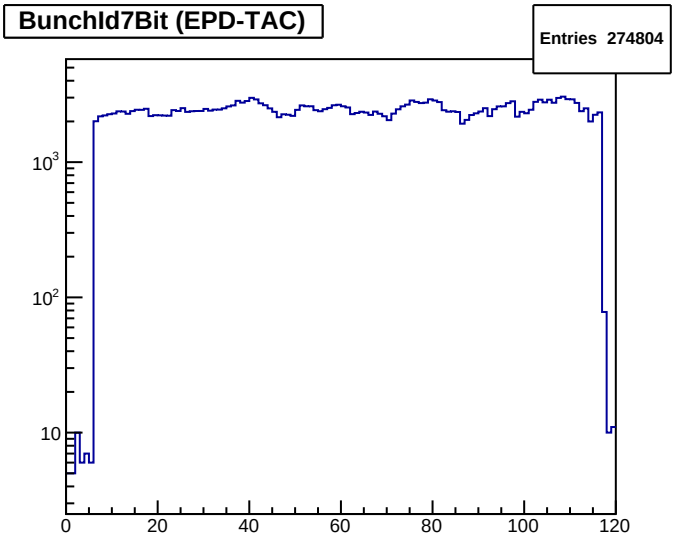
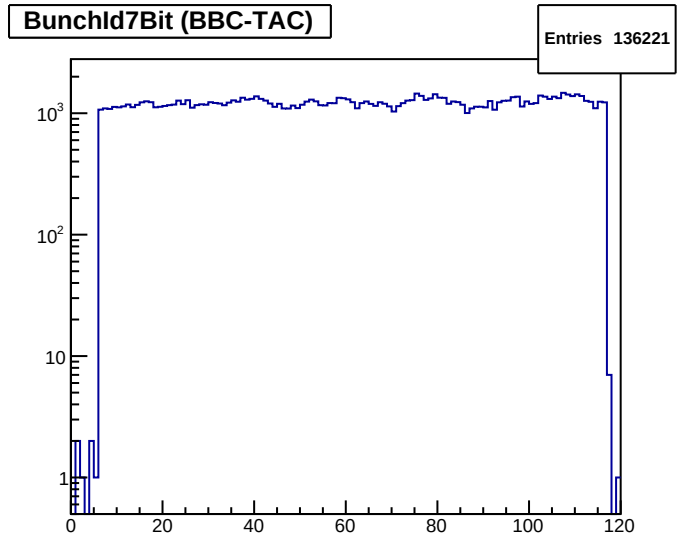
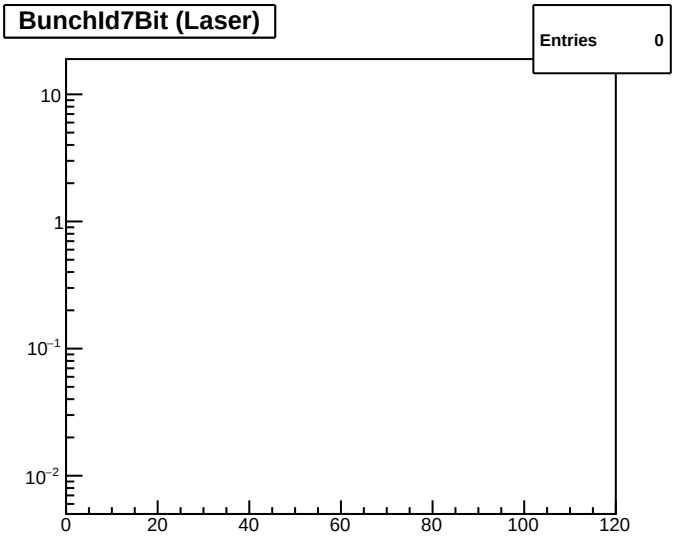
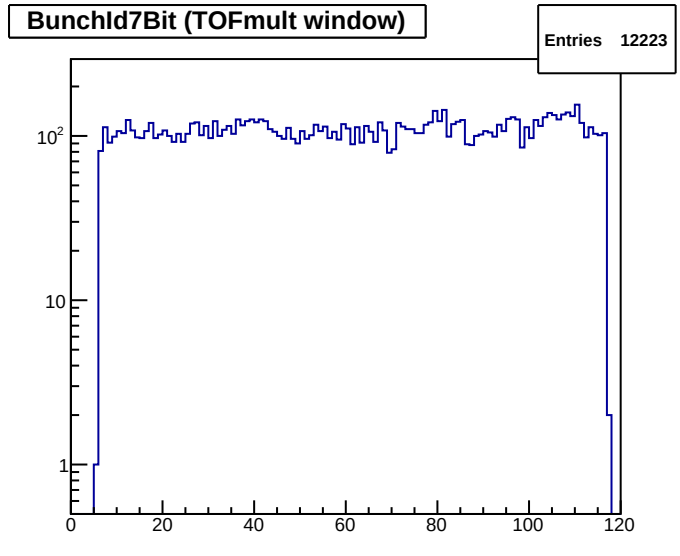

BunchId7Bit (VPD-TAC)
Entries 185264

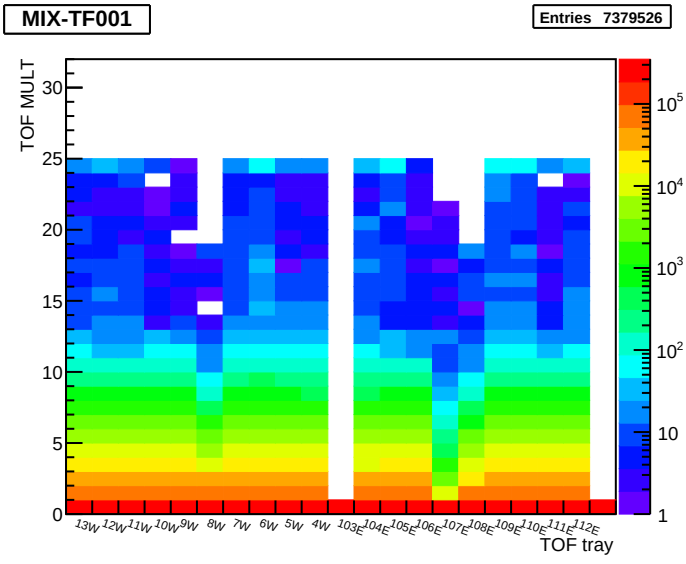

BunchId7Bit (ZDC-TAC)
Entries 942

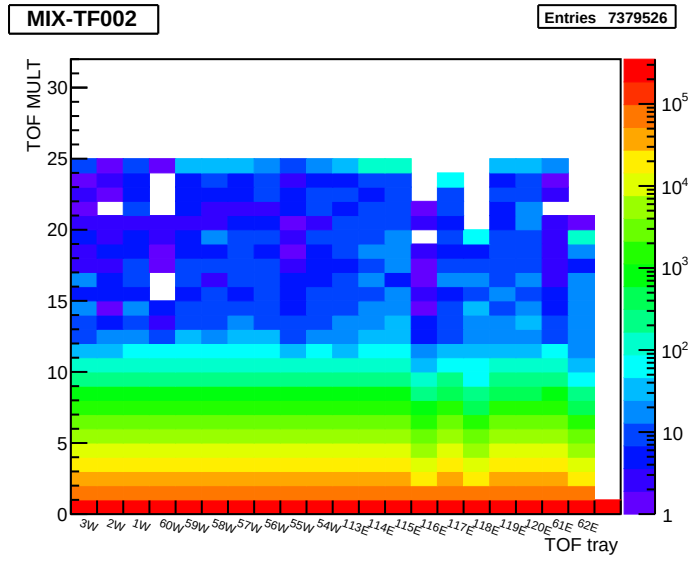

BunchId7Bit (EPD-TAC)
Entries 274804

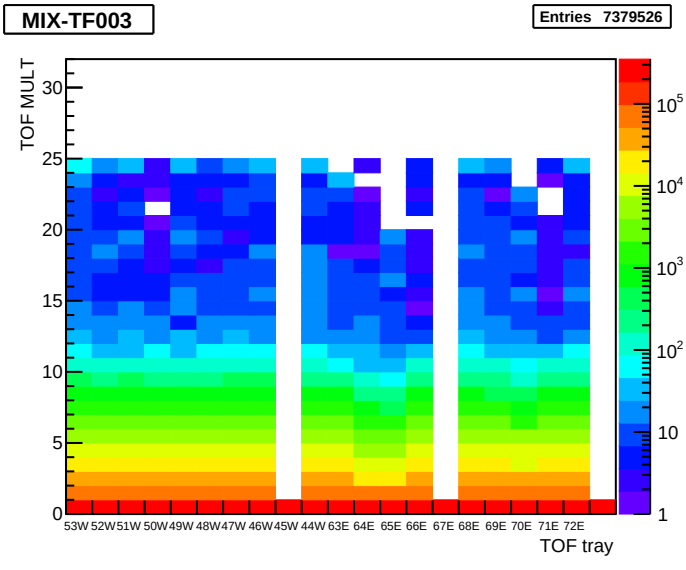

BunchId7Bit (BBC-TAC)
Entries 136221

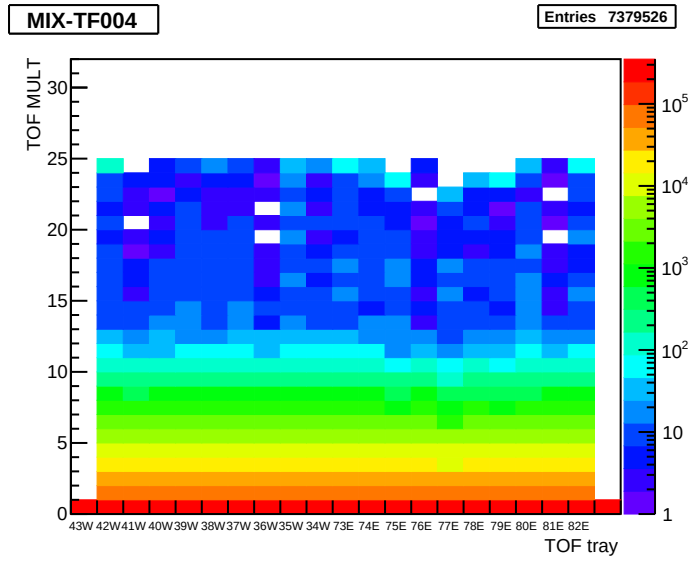

BunchId7Bit (Laser)
Entries 0

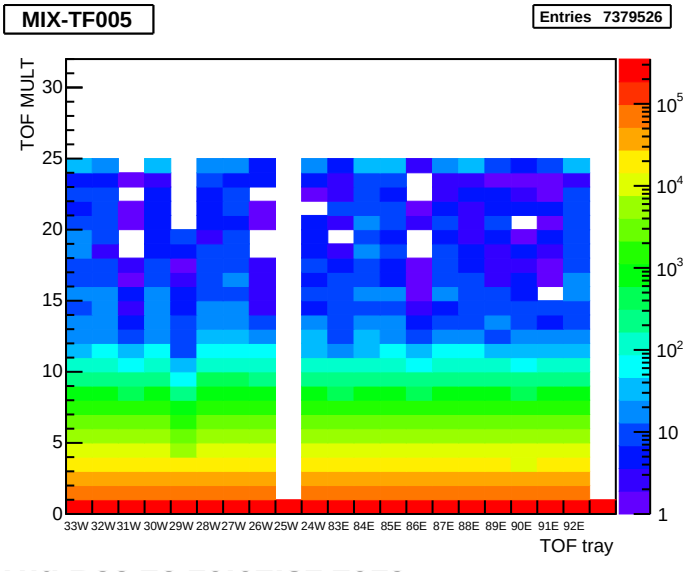

BunchId7Bit (TOFmult window)
Entries 12223

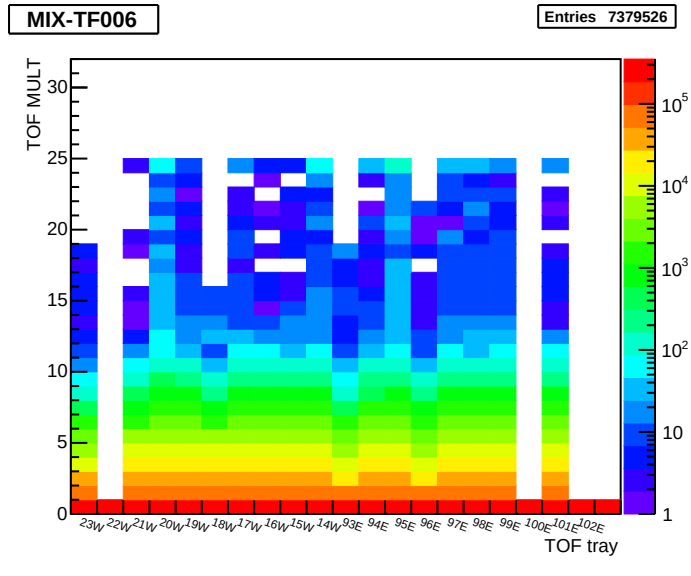

MIX-TF001
Entries 7379526
TOF MULT
TOF tray

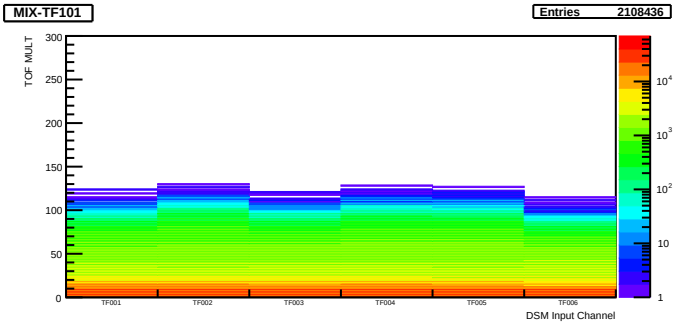

MIX-TF002
Entries 7379526
TOF MULT
TOF tray

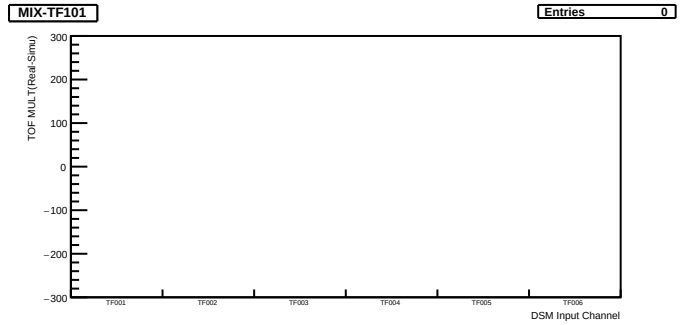

MIX-TF003
Entries 7379526
TOF MULT
TOF tray

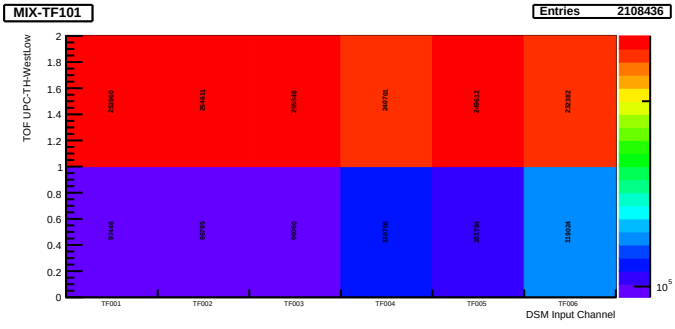

MIX-TF004
Entries 7379526
TOF MULT
TOF tray

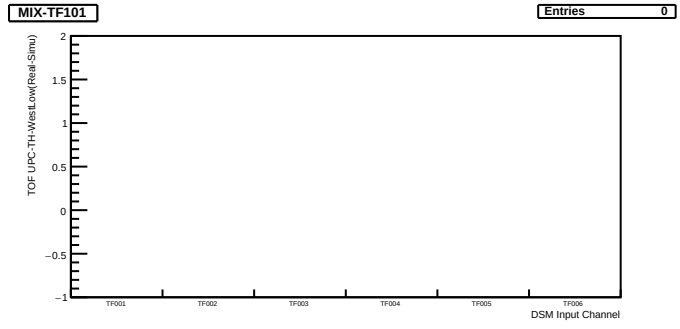

MIX-TF005
Entries 7379526
TOF MULT
TOF tray

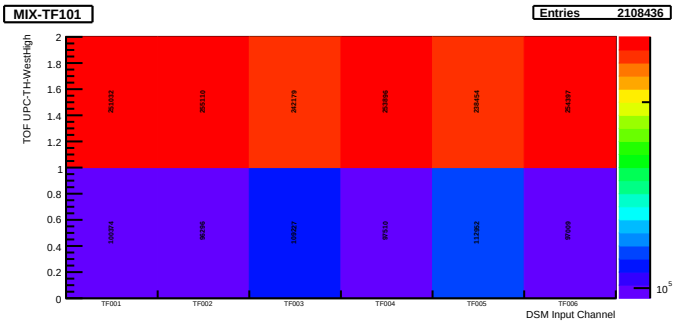

MIX-TF006
Entries 7379526
TOF MULT
TOF tray

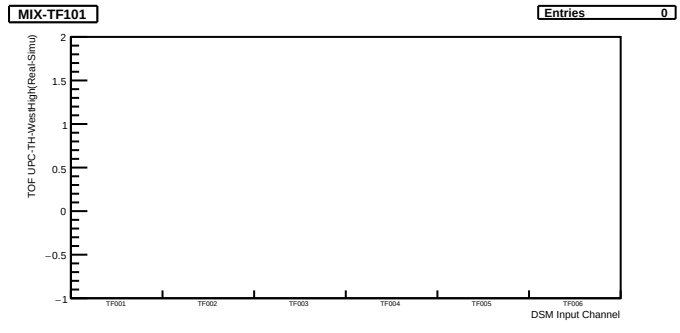

MIX-TF101
Entries 2108436
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

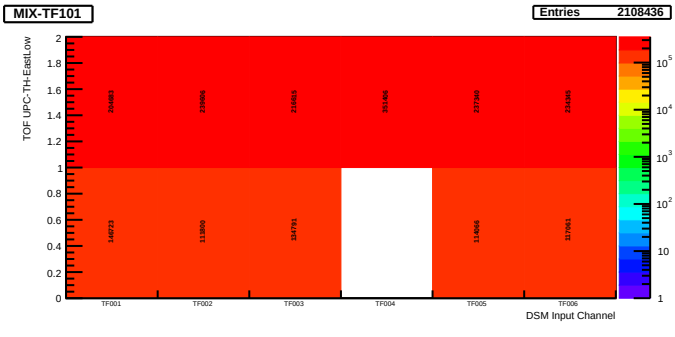

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

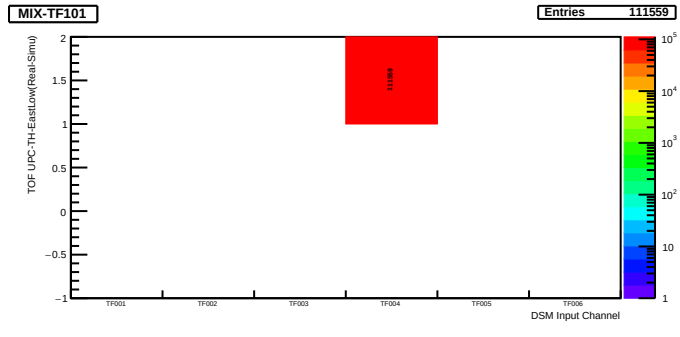

MIX-TF101
Entries 2108436
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

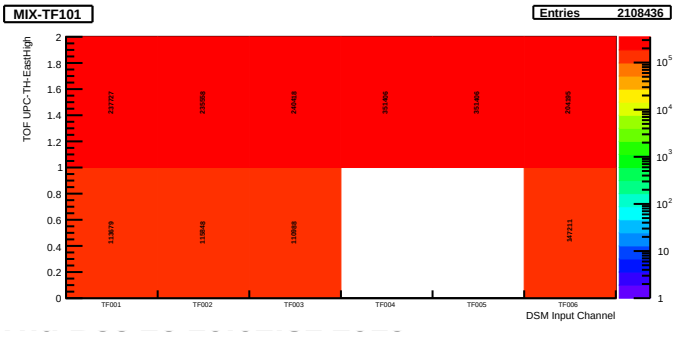

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

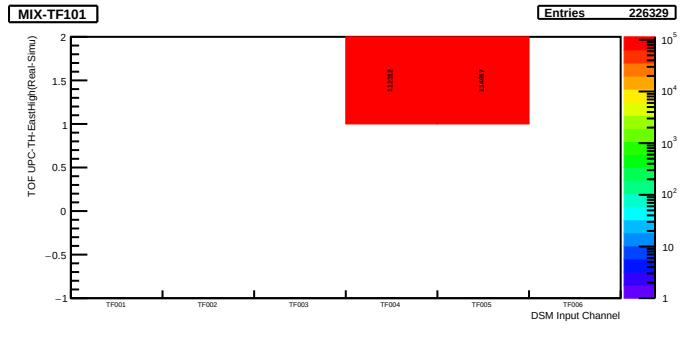

MIX-TF101
Entries 2108436
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

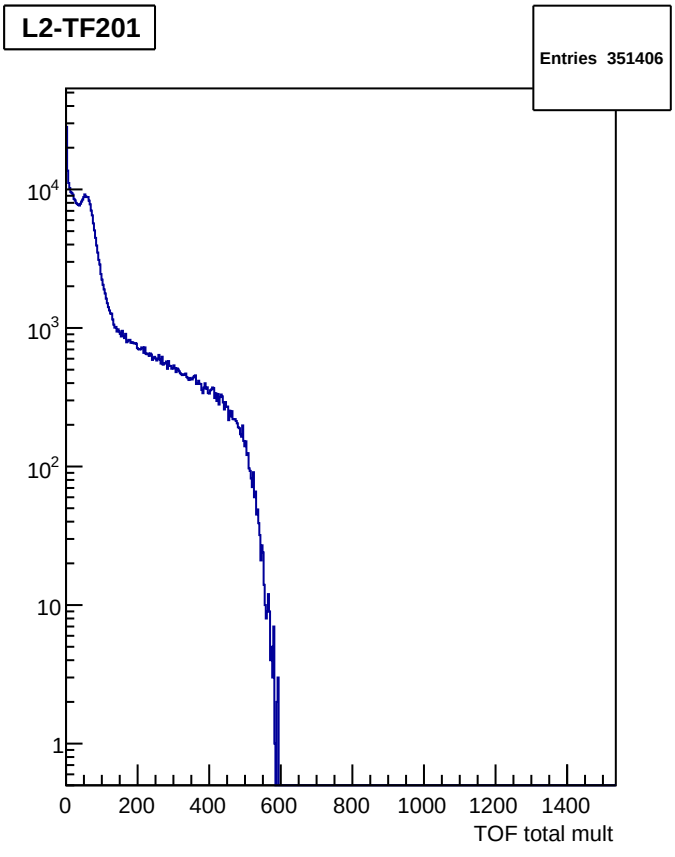

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

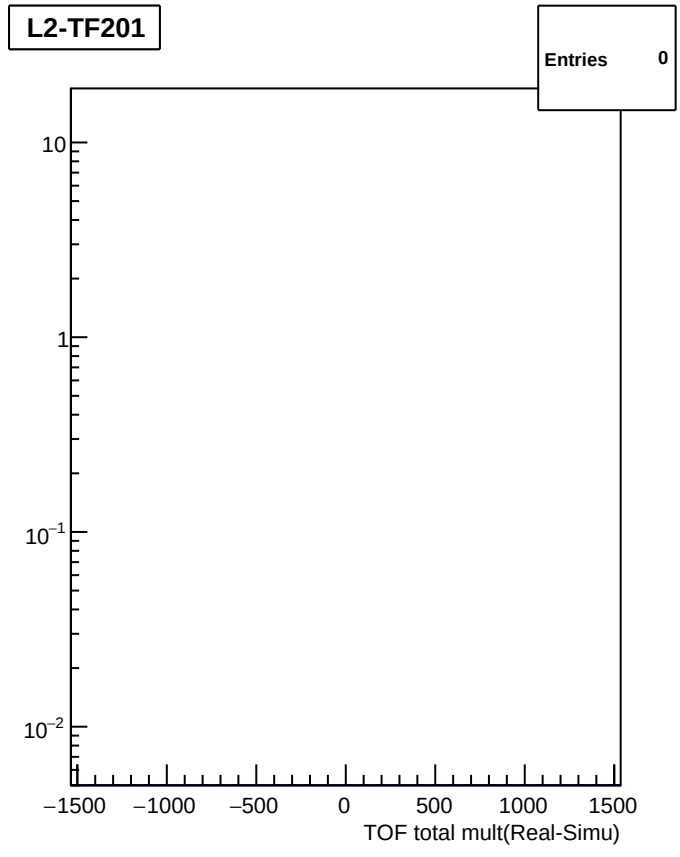

MIX-TF101
Entries 2108436
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

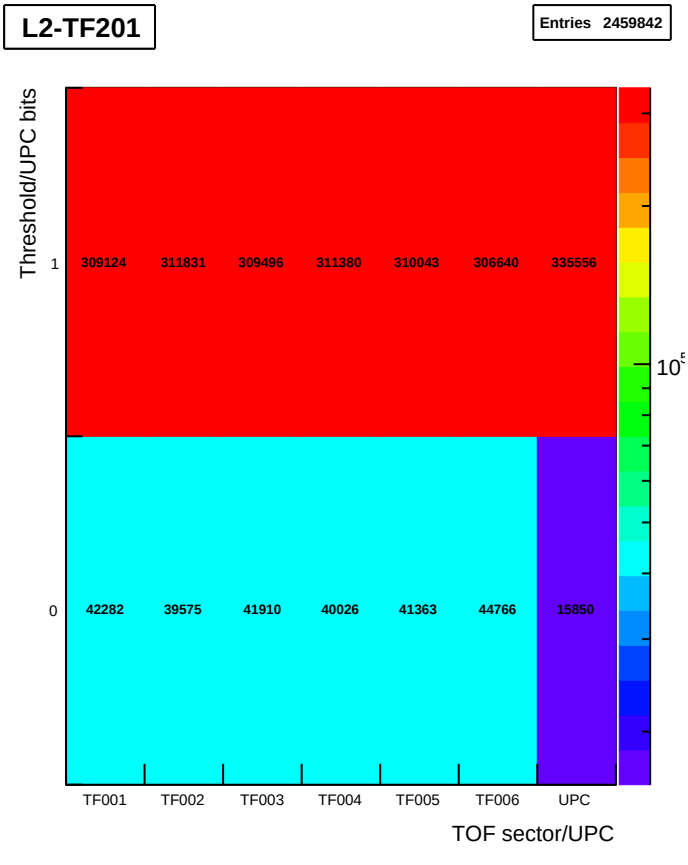

MIX-TF101
Entries 111559
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

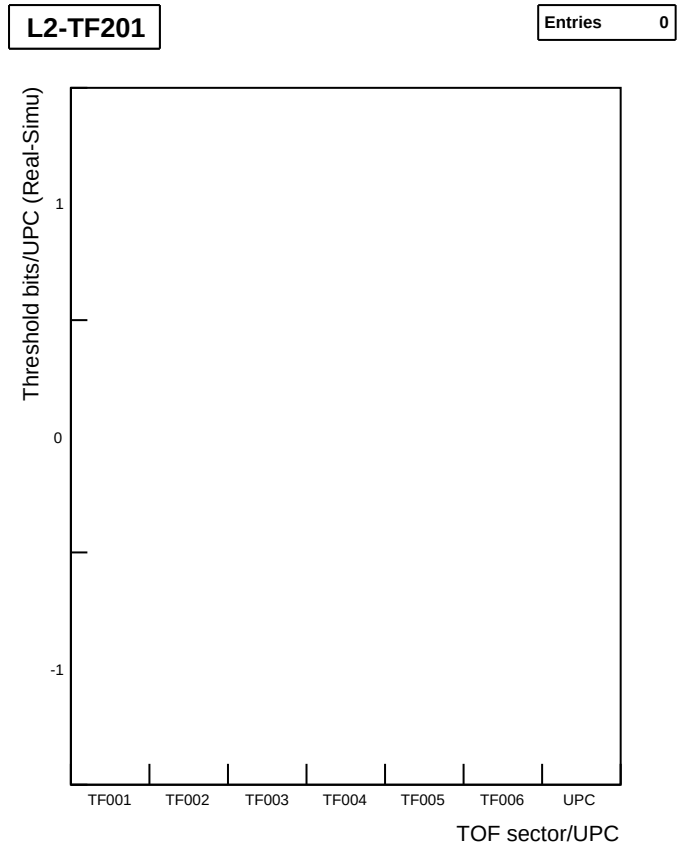

MIX-TF101
Entries 2108436
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

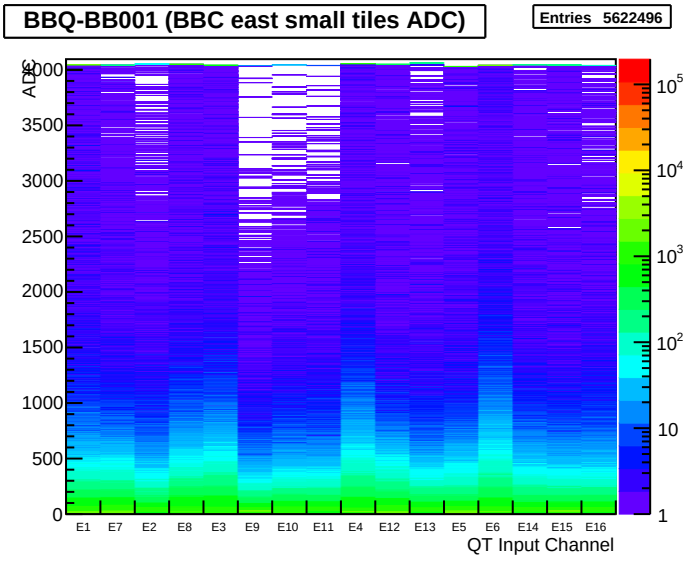

MIX-TF101
Entries 226329
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

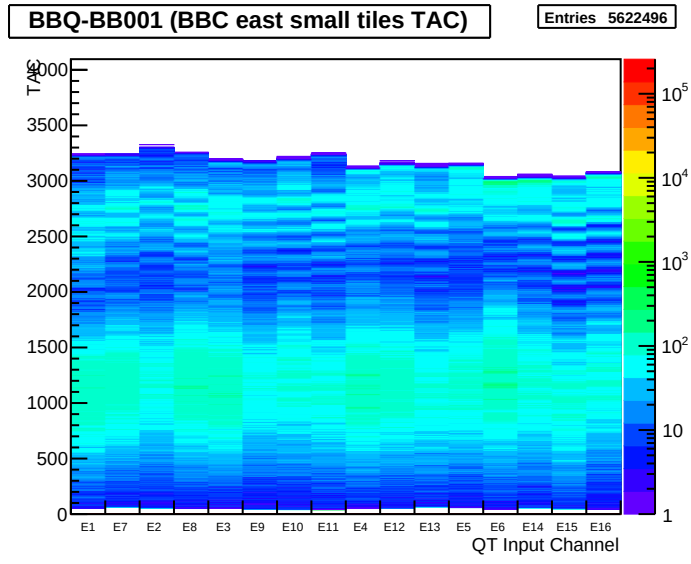

L2-TF201
Entries 351406
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

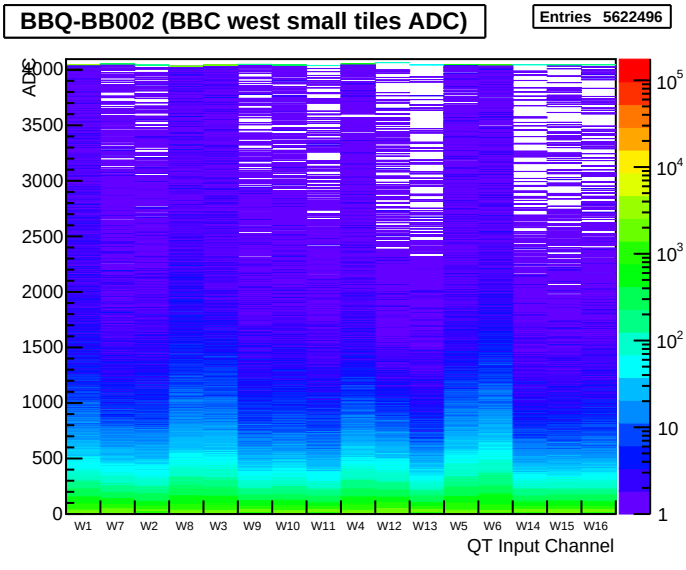

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

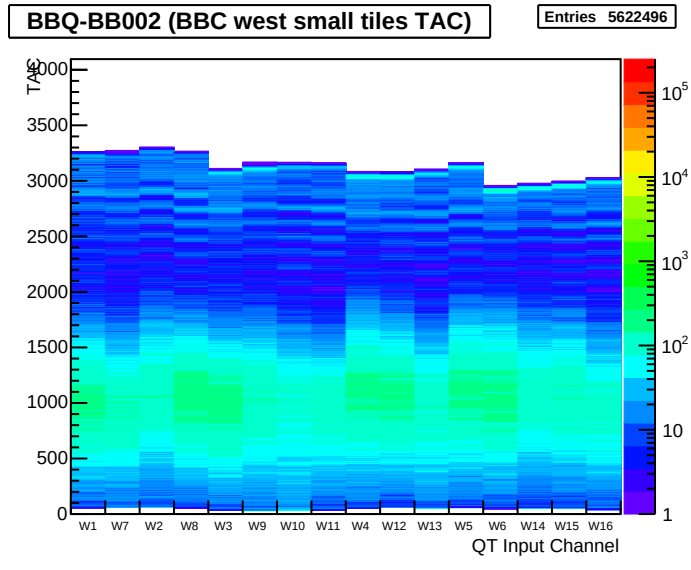

L2-TF201
Entries 2459842
Threshold/UPC bits
1
0
309124
311831
309496
311380
310043
306640
335556
42282
39575
41910
40026
41363
44766
15850
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

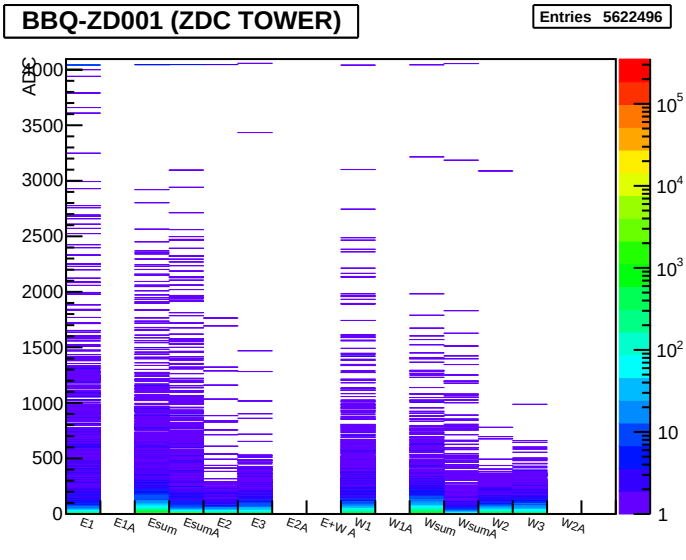

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

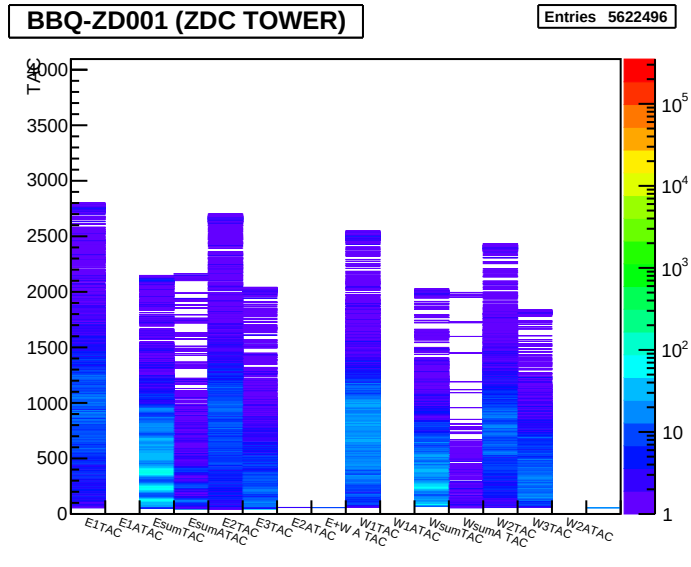

BBQ-BB001 (BBC east small tiles ADC)
Entries 5622496
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

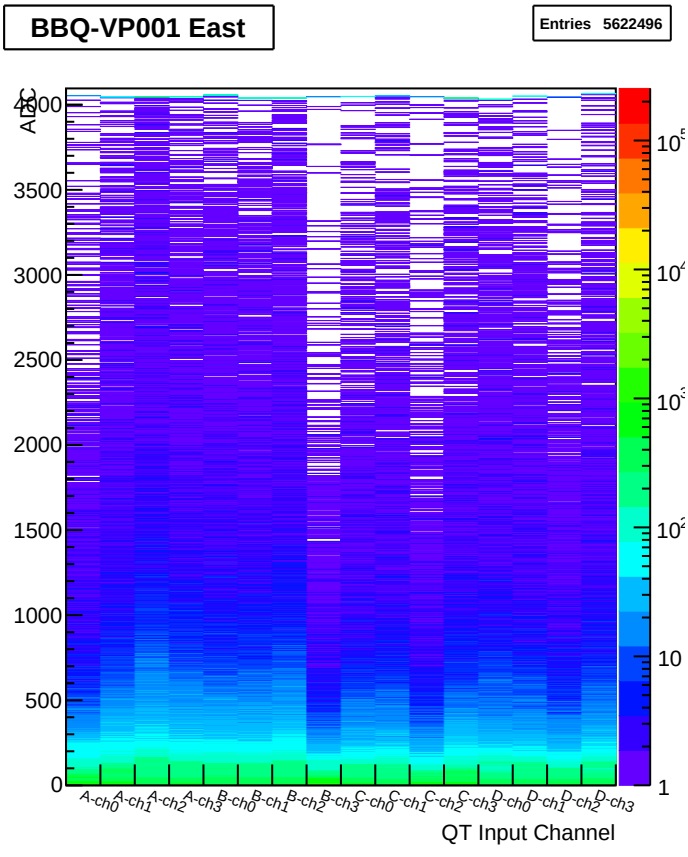

BBQ-BB001 (BBC east small tiles TAC)
Entries 5622496
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

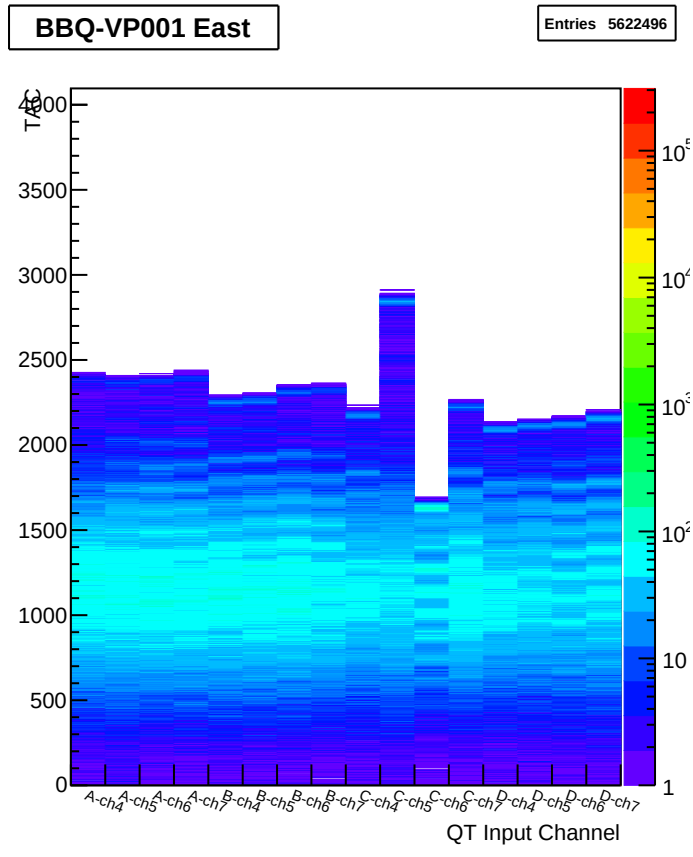

BBQ-BB002 (BBC west small tiles ADC)
Entries 5622496
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

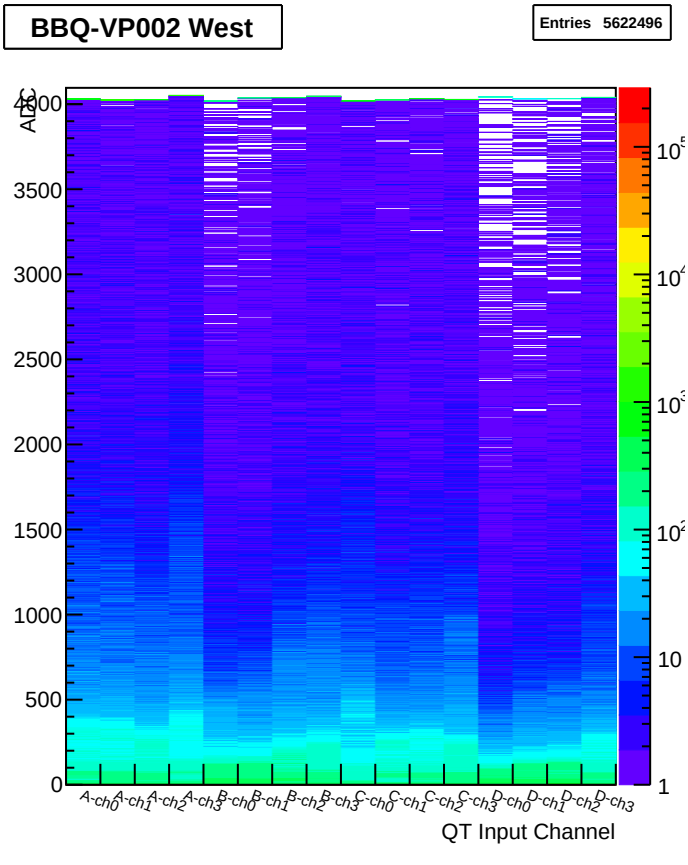

BBQ-BB002 (BBC west small tiles TAC)
Entries 5622496
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

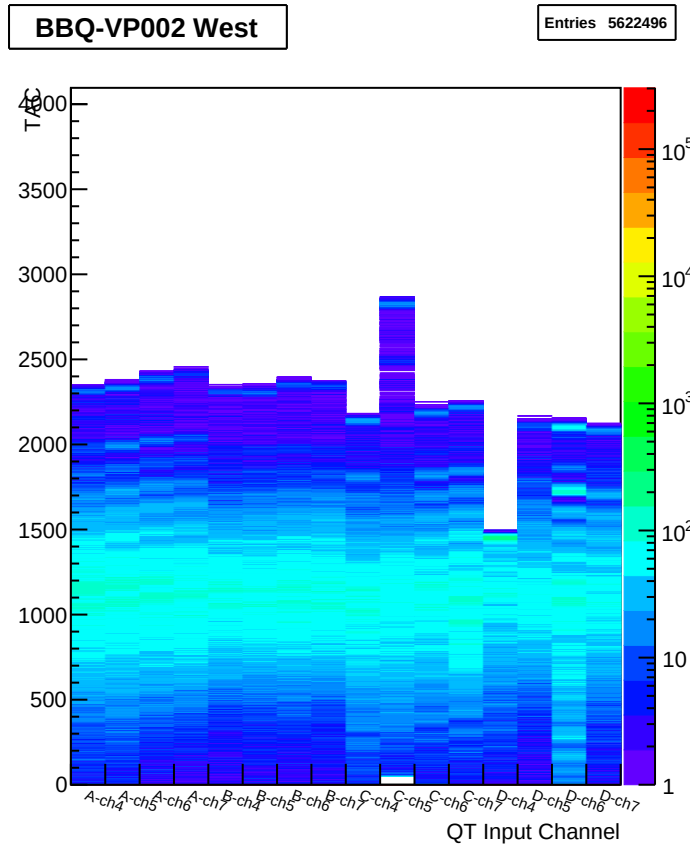

BBQ-ZD001 (ZDC TOWER)
Entries 5622496
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

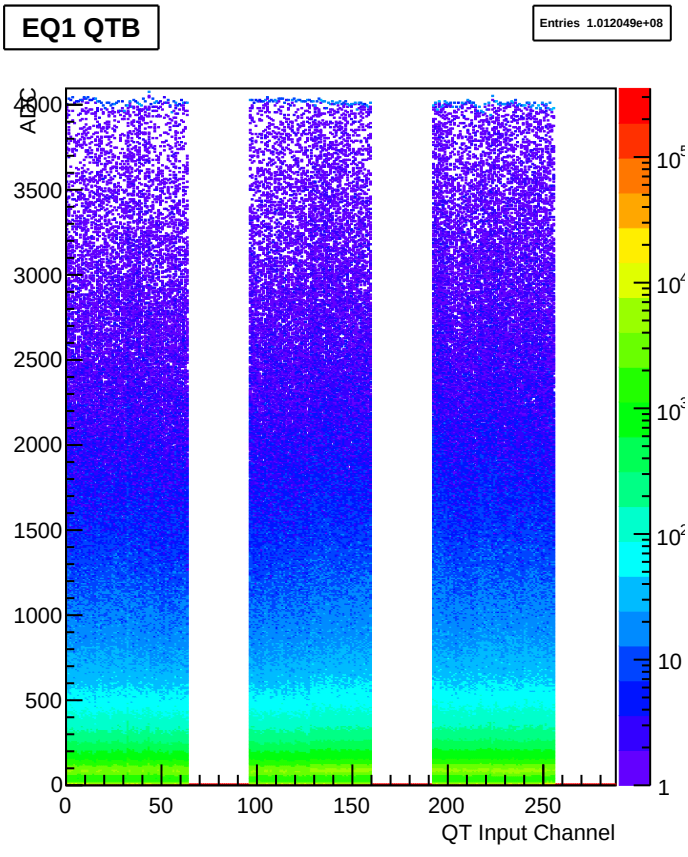

BBQ-ZD001 (ZDC TOWER)
Entries 5622496
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

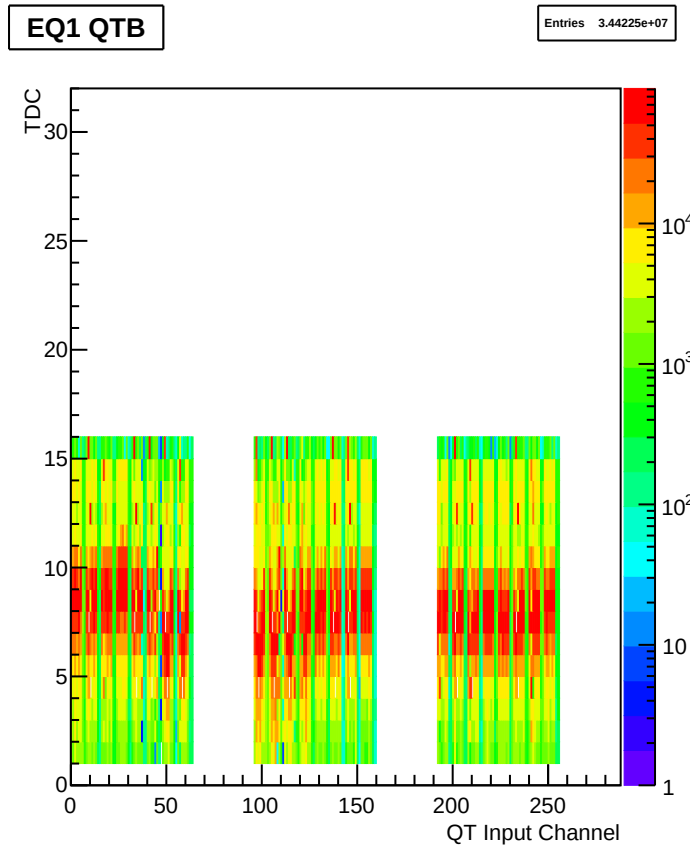

BBQ-VP001 East
Entries 5622496
ADC
QT Input Channel

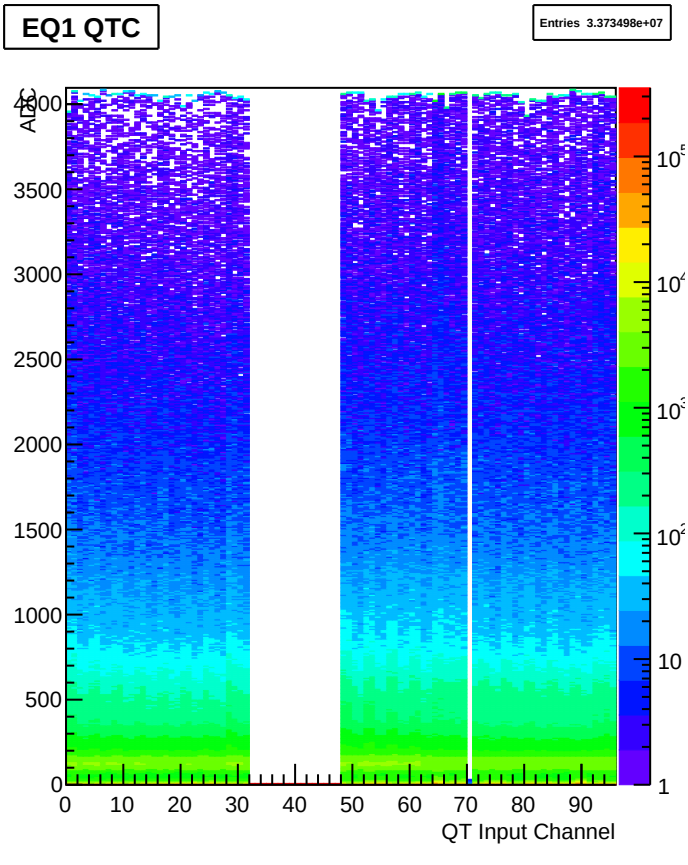

BBQ-VP001 East
Entries 5622496
TADC
QT Input Channel

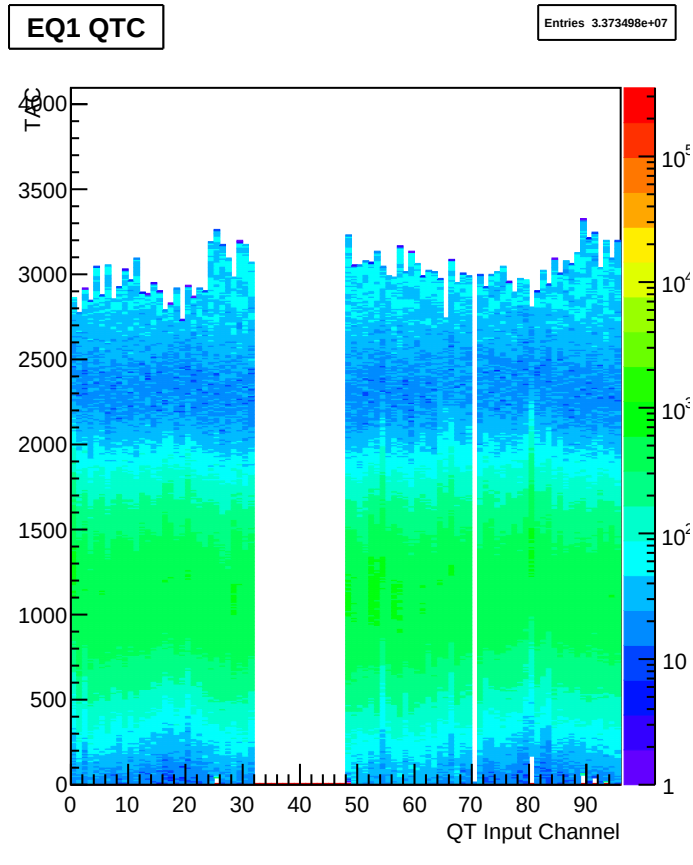

BBQ-VP002 West
Entries 5622496
ADC
QT Input Channel

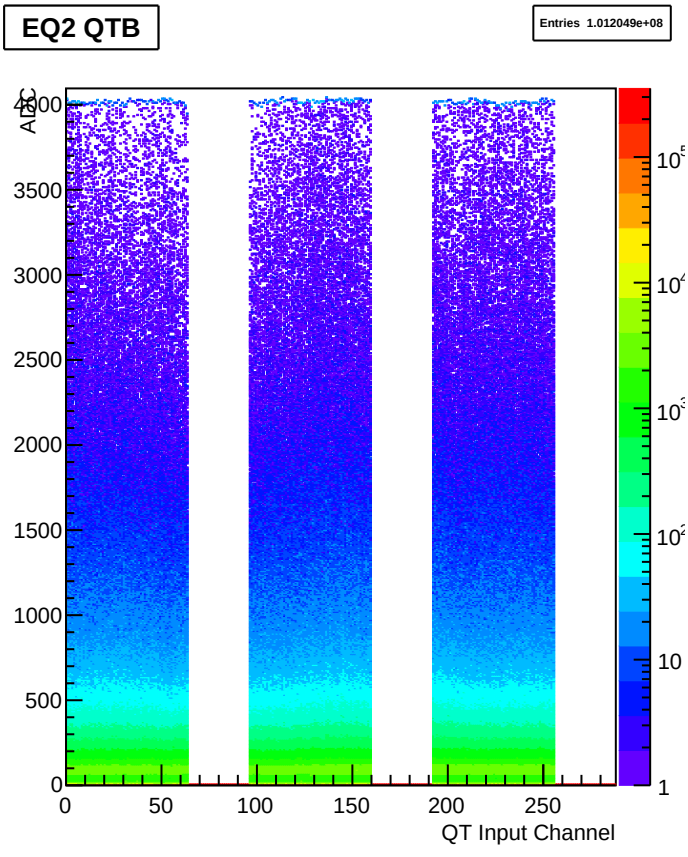

BBQ-VP002 West
Entries 5622496
TADC
QT Input Channel

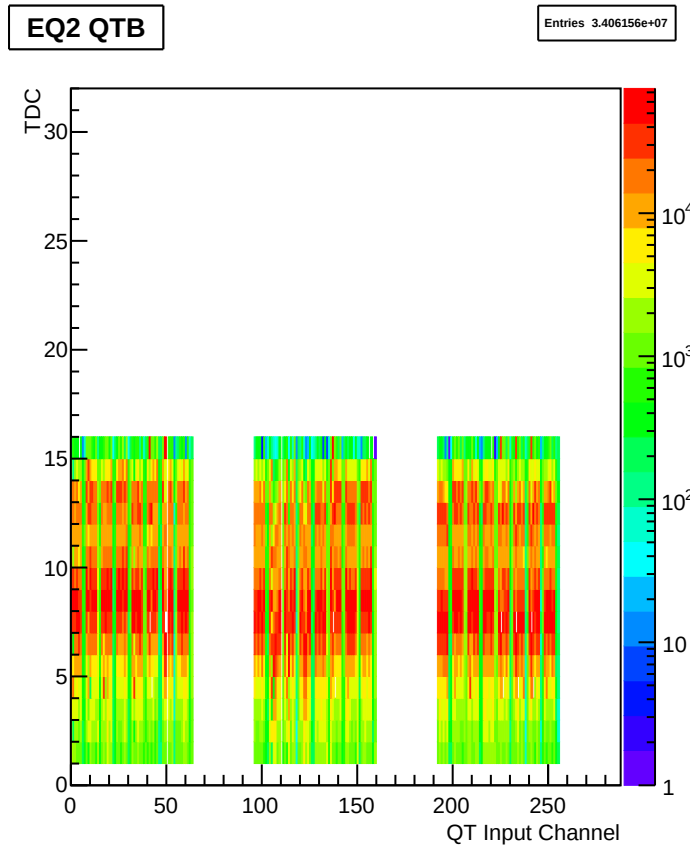

EQ1 QTB
Entries 1.012049e+08
ADC
QT Input Channel

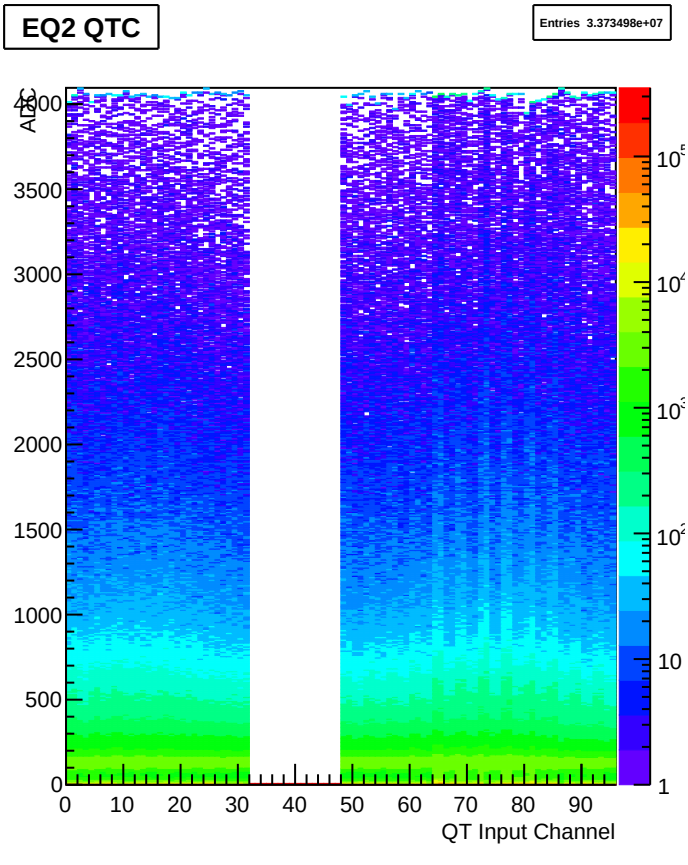

EQ1 QTB
Entries 3.44225e+07
TDC
QT Input Channel

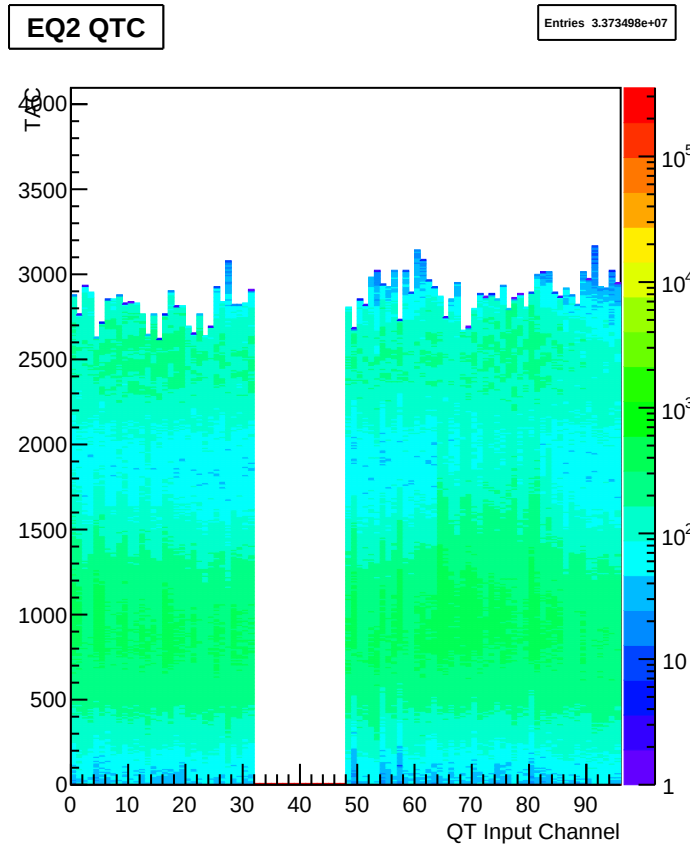

EQ1 QTC
Entries 3.373498e+07
ADC
QT Input Channel

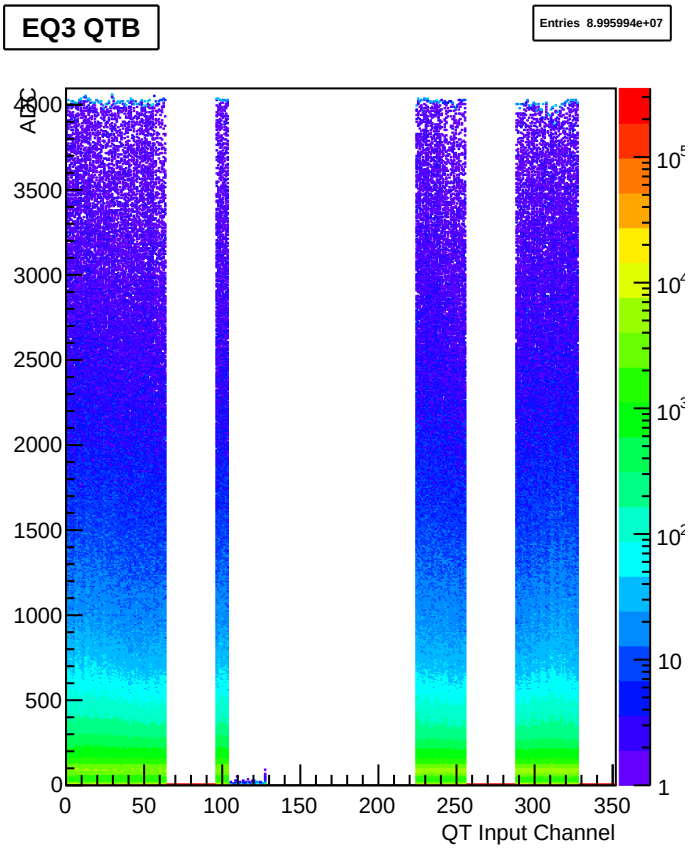

EQ1 QTC
Entries 3.373498e+07
TADC
QT Input Channel

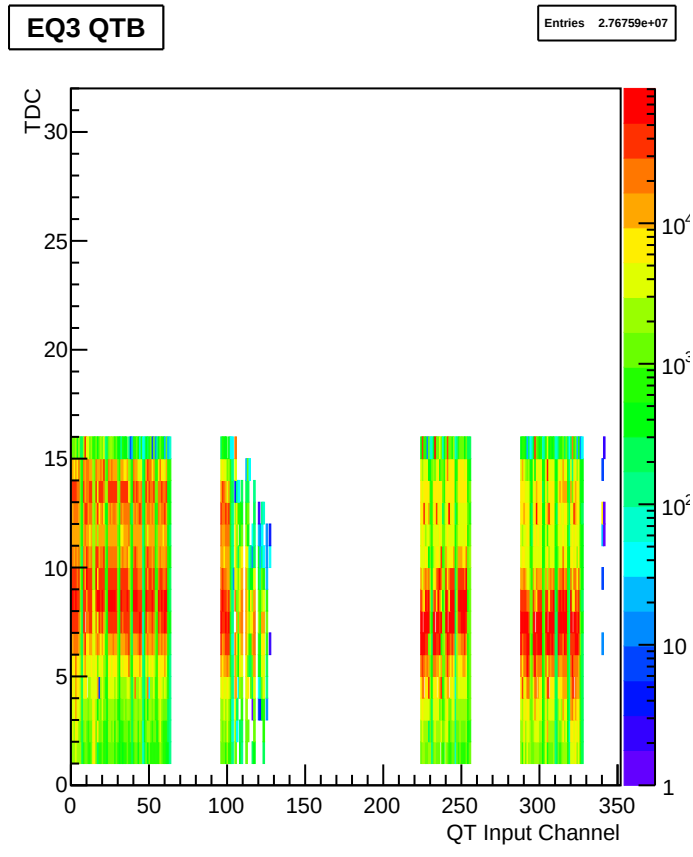

EQ2 QTB
Entries 1.012049e+08
ADC
QT Input Channel

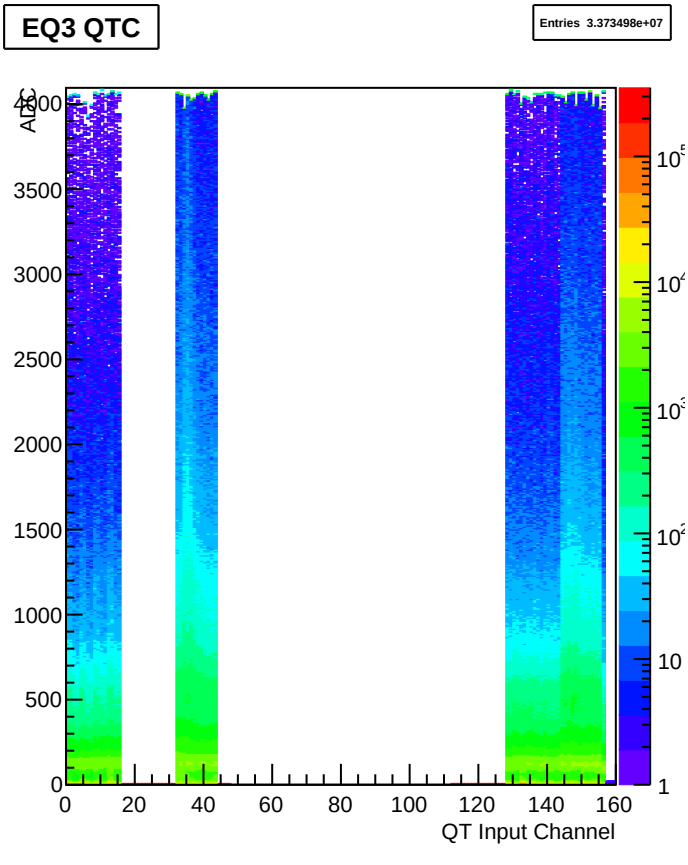

EQ2 QTB
Entries 3.406156e+07
TDC
QT Input Channel

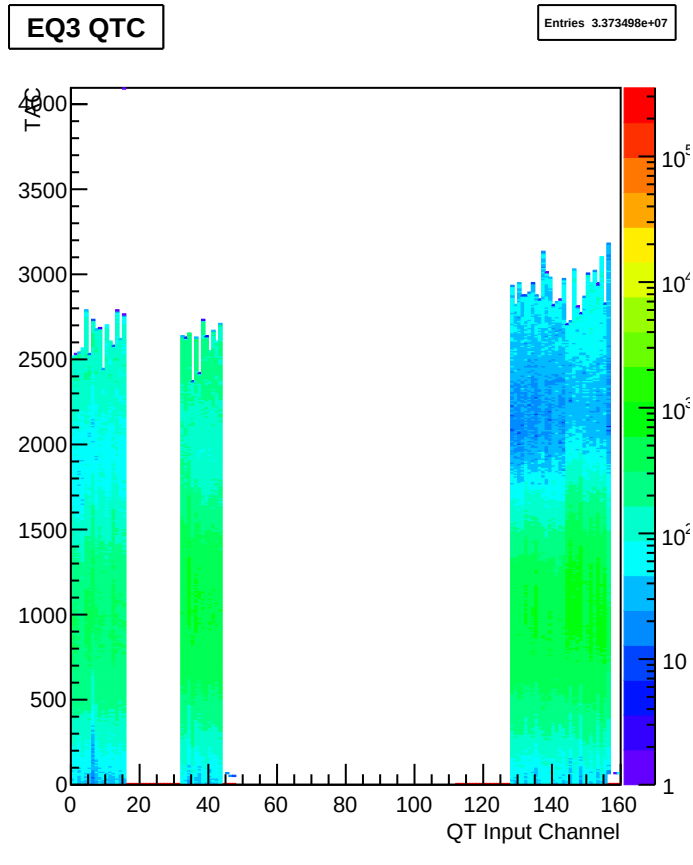

EQ2 QTC
Entries 3.373498e+07
ADC
QT Input Channel

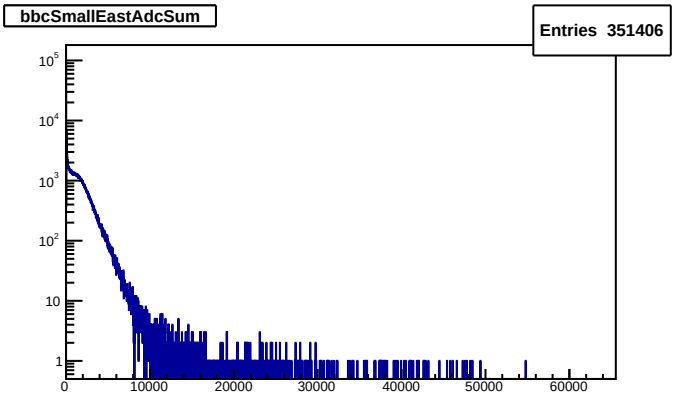

EQ2 QTC
Entries 3.373498e+07
TADC
QT Input Channel

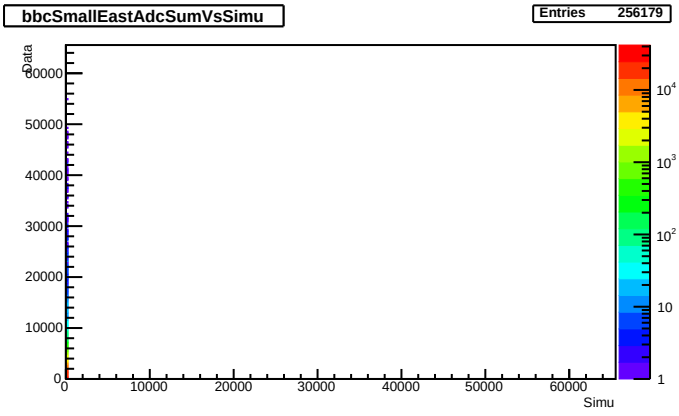

EQ3 QTB
Entries 8.995994e+07
ADC
QT Input Channel

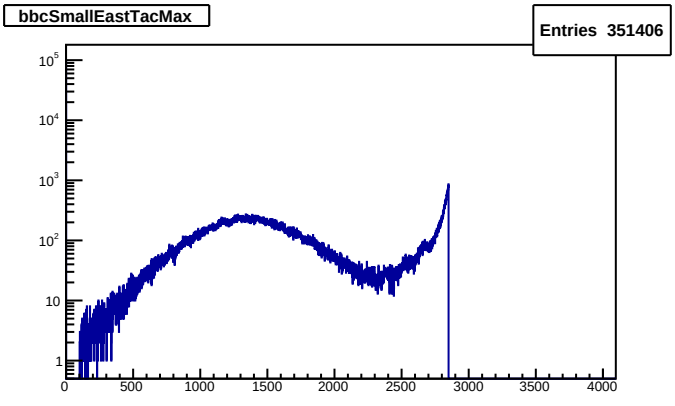

EQ3 QTB
Entries 2.76759e+07
TDC
QT Input Channel

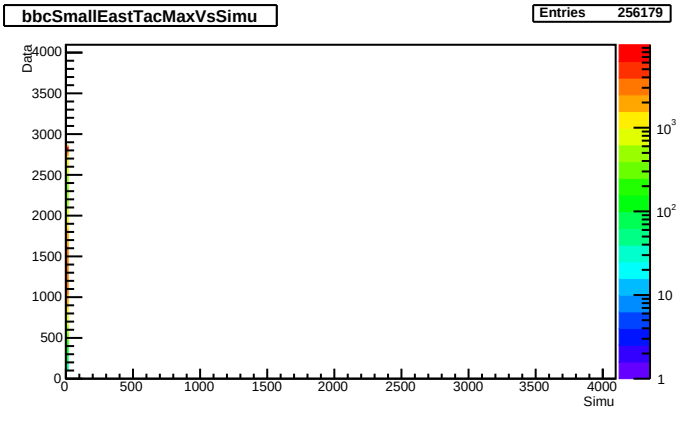

EQ3 QTC
Entries 3.373498e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.373498e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 351406


bbcSmallEastAdcSumVsSimu
Entries 256179
Data
Simu


bbcSmallEastTacMax
Entries 351406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Entries 256179
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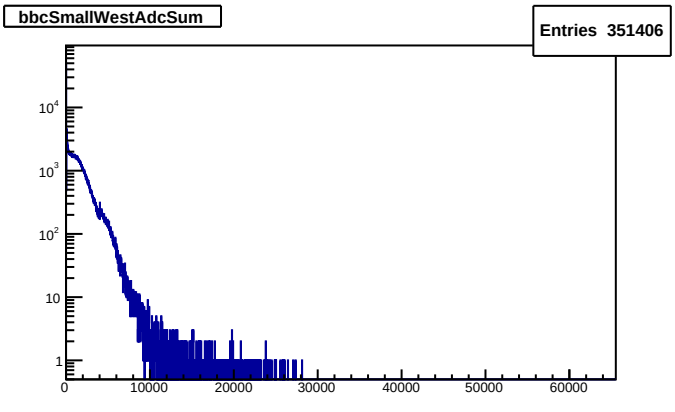
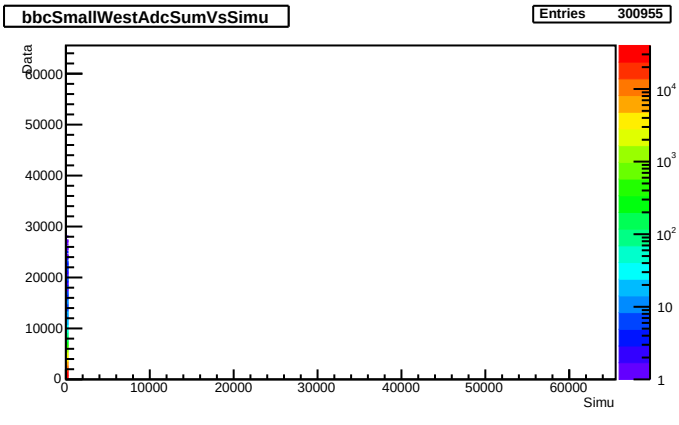

bbcSmallWestAdcSum
Entries 351406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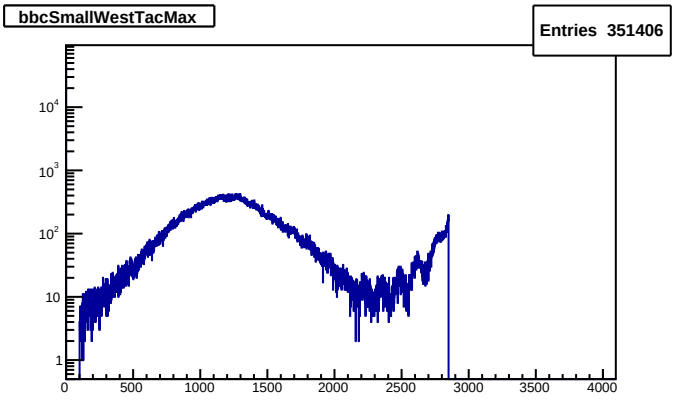
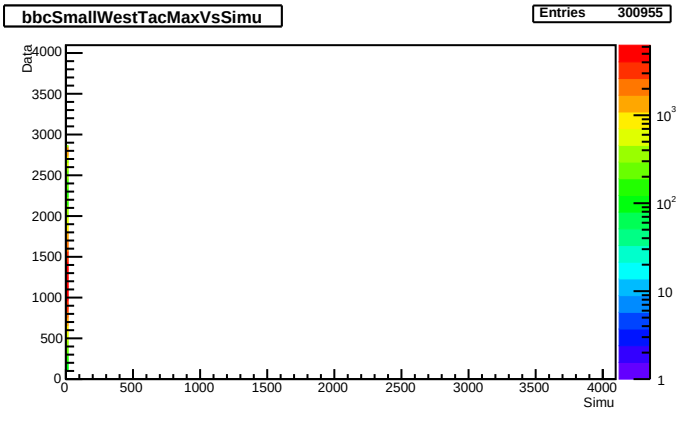
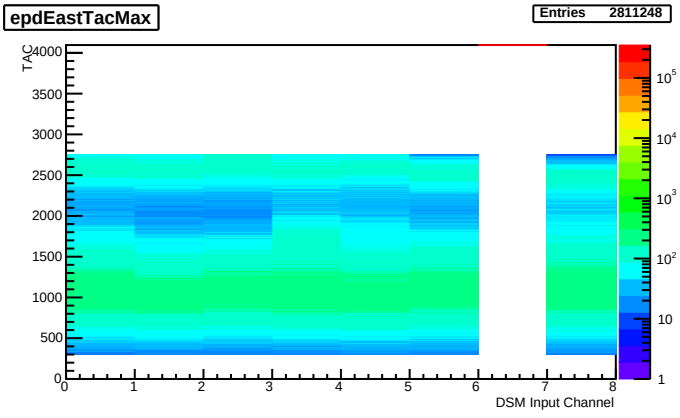
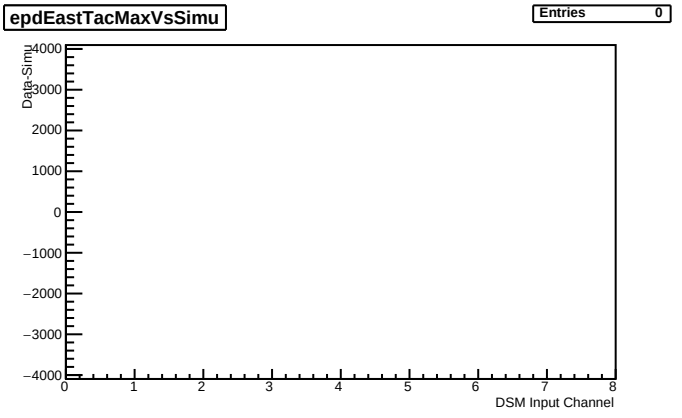
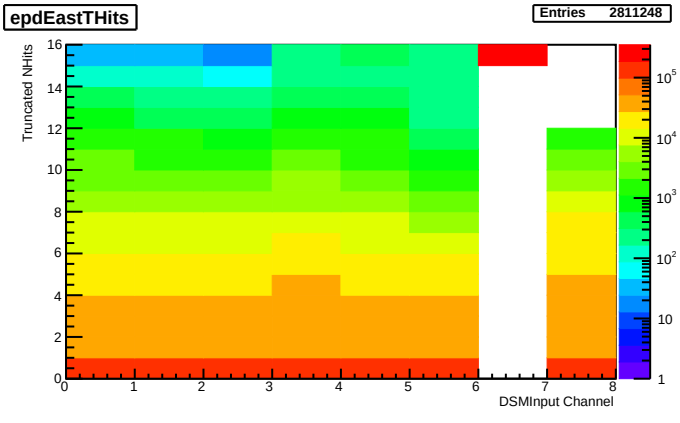
Entries 300955
Data
Simu

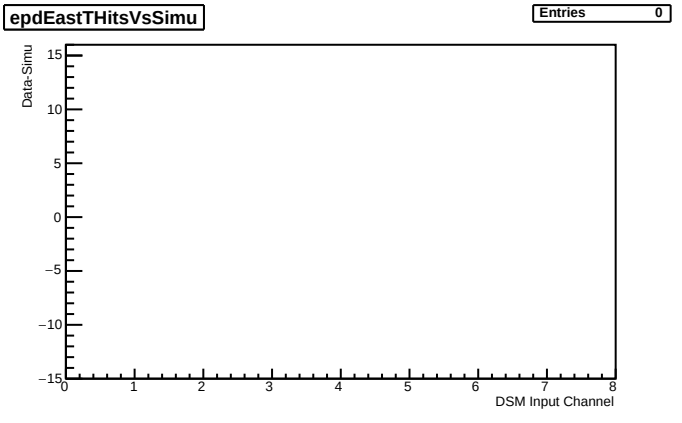

bbcSmallWestTacMax
Entries 351406


bbcSmallWestTacMaxVsSimu
Entries 300955
Data
Simu


epdEastTacMax
Entries 2811248
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2811248
Truncated NHits
DSMInput Channel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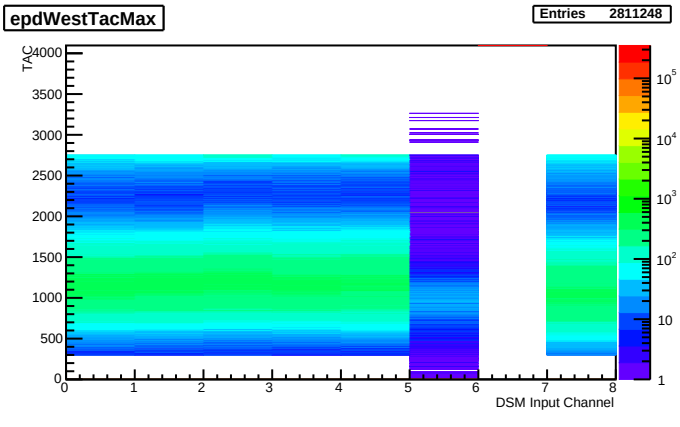
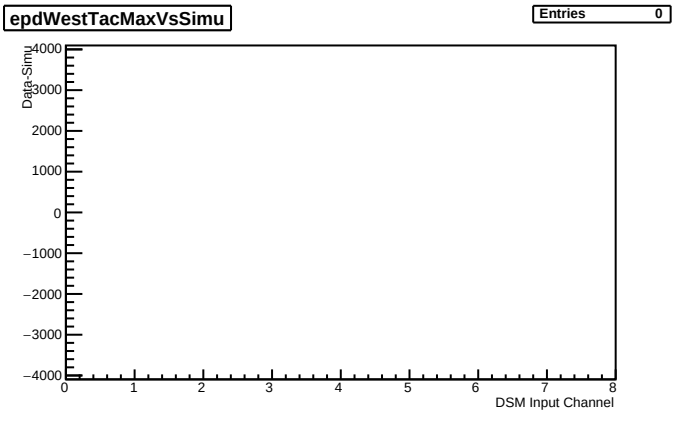
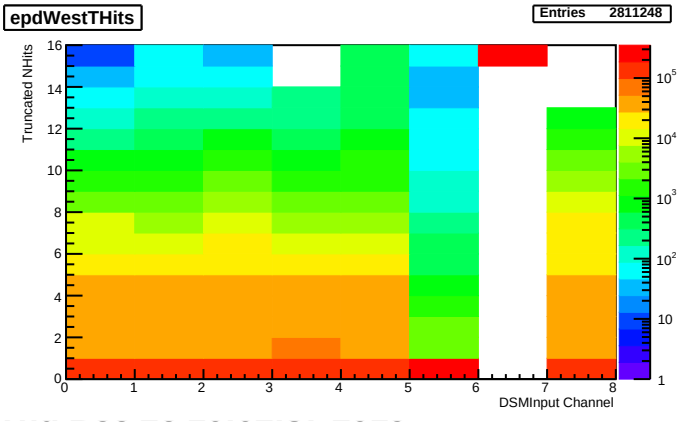
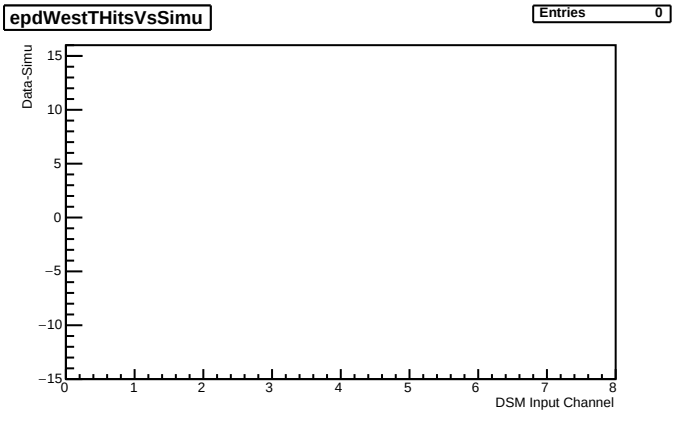
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2811248
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2811248
Truncated NHits
DSMInput Channel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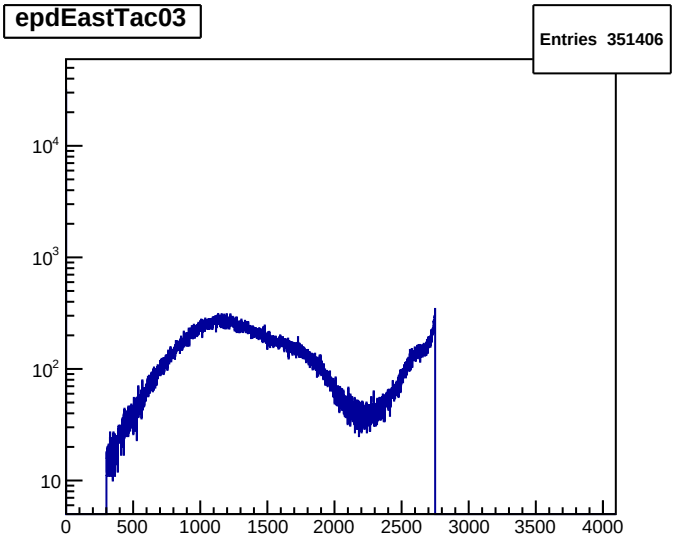
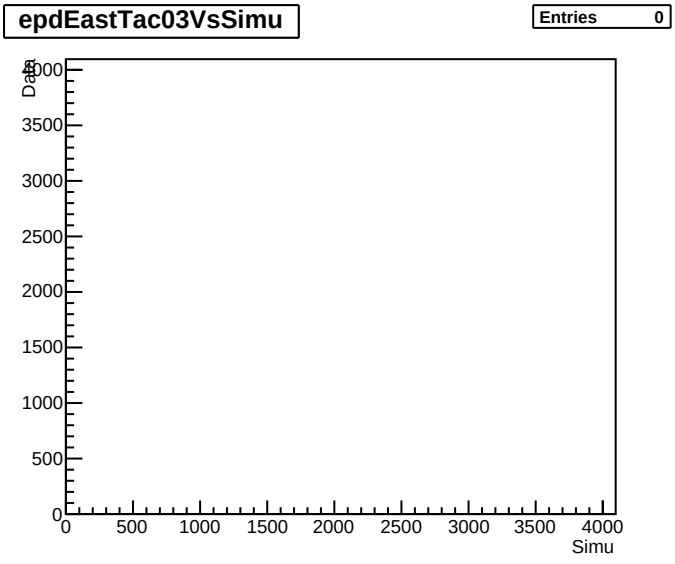
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 351406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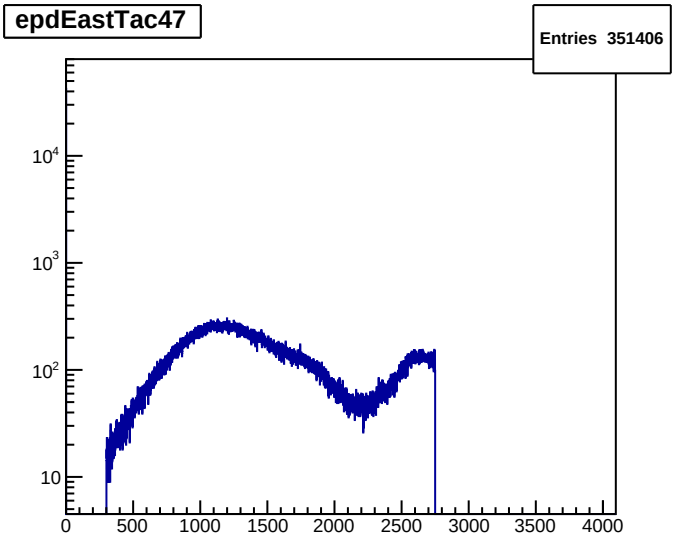
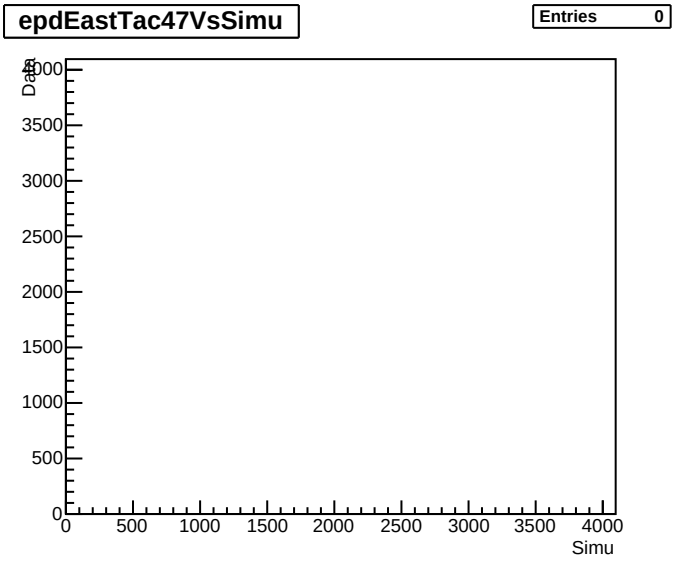
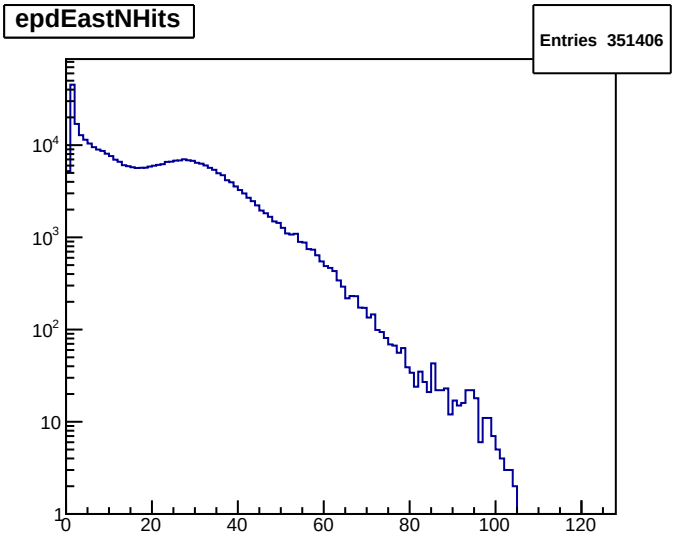
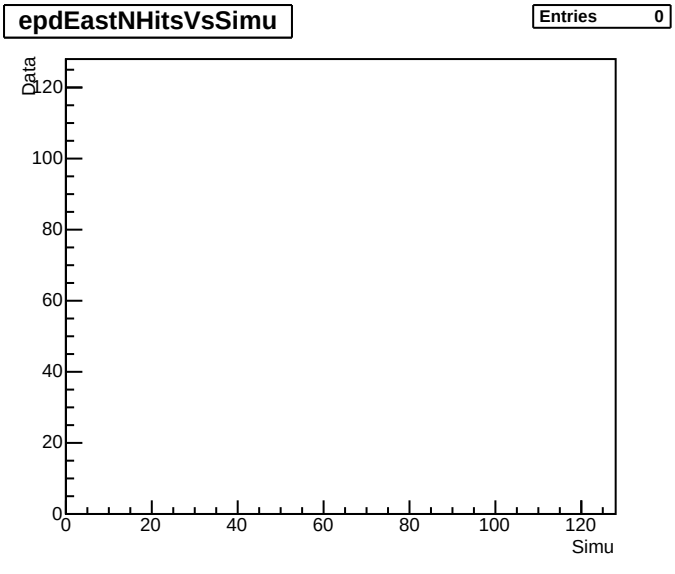
Entries 0
Data
Simu


epdEastTac47
Entries 351406


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 351406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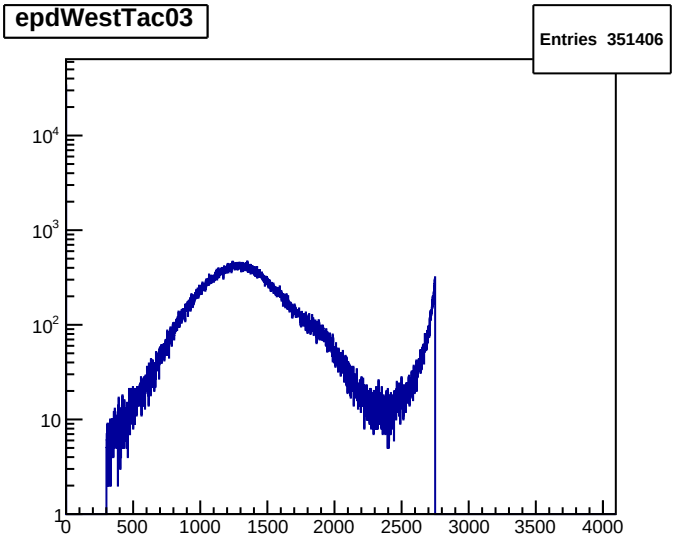
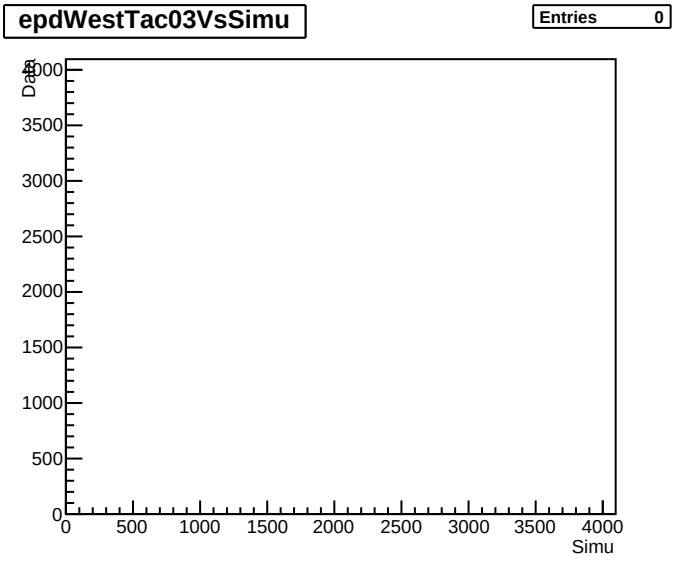
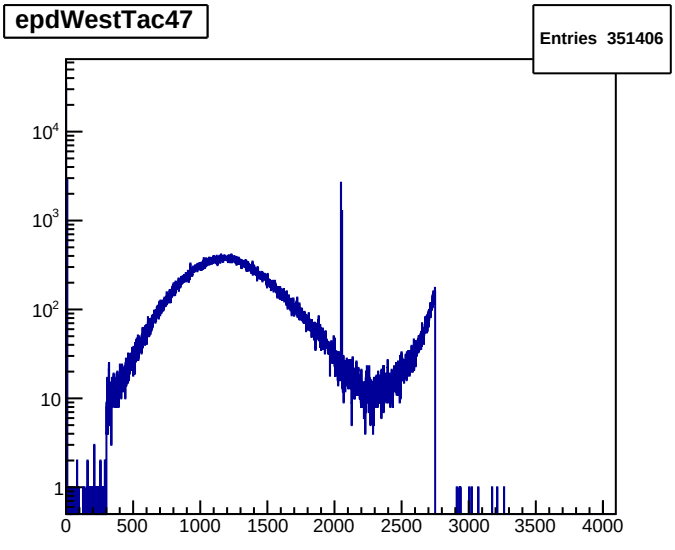
Entries 0
Data
Simu


epdWestTac03
Entries 351406


epdWestTac03VsSimu
Entries 0
Data
Simu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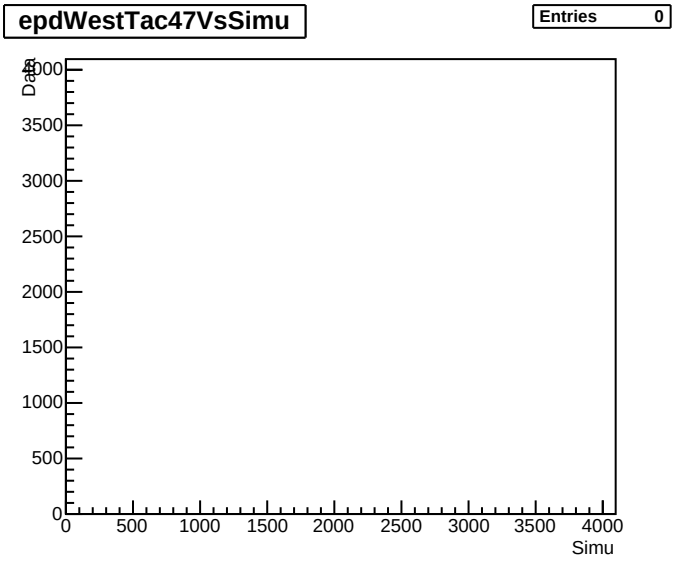
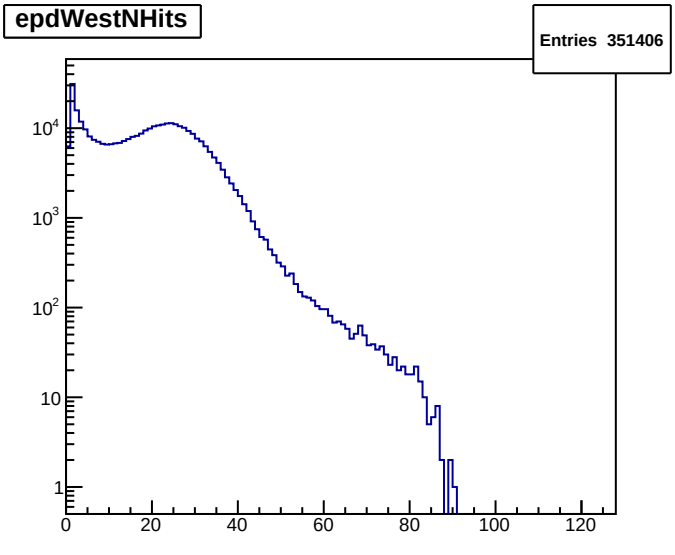
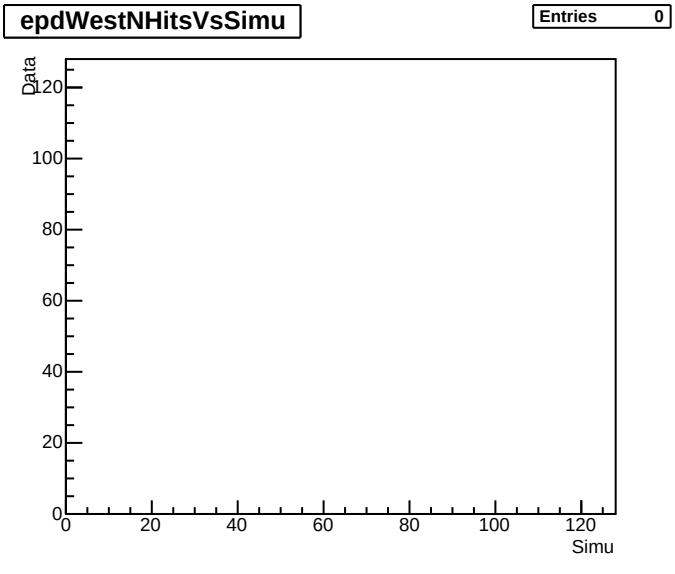
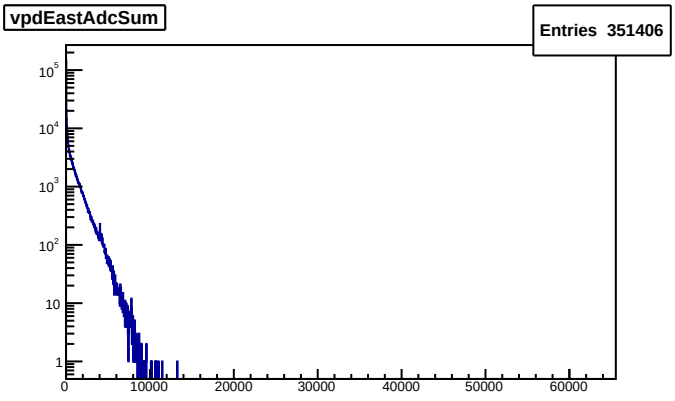
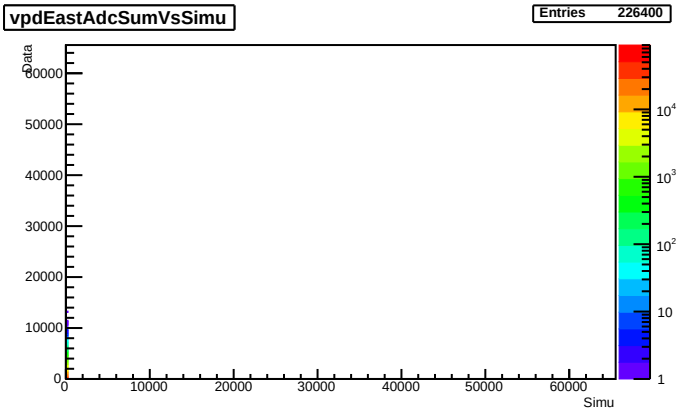
Entries 351406

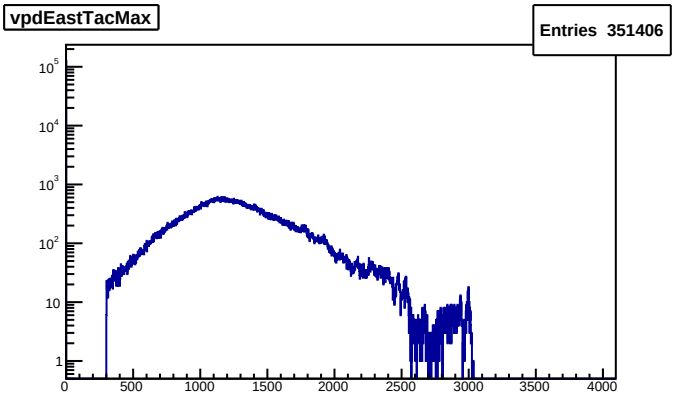

epdWestTac47VsSimu
Entries 0
Data
Simu

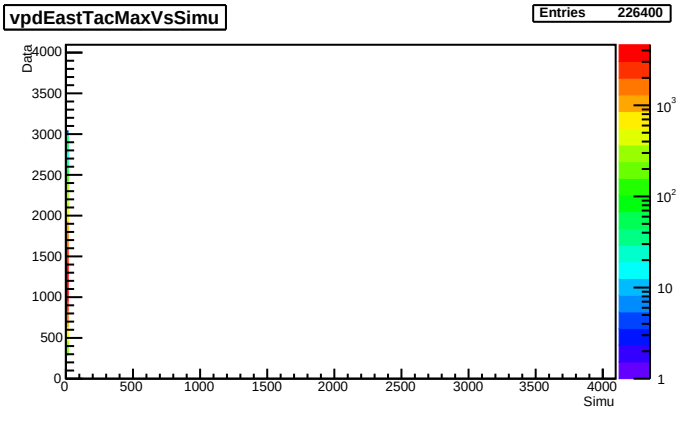

epdWestNHits
Entries 351406

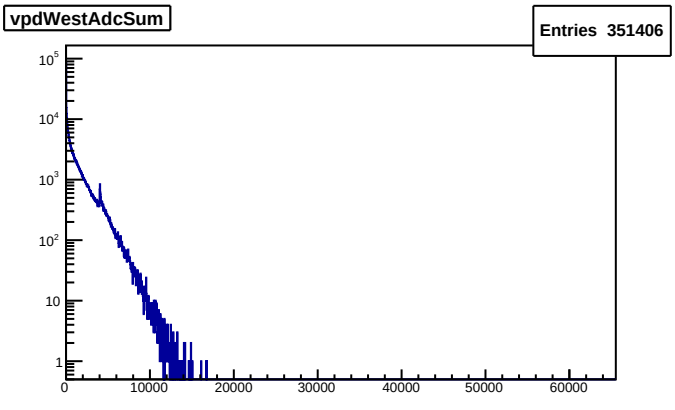

epdWestNHitsVsSimu
Entries 0
Data
Simu

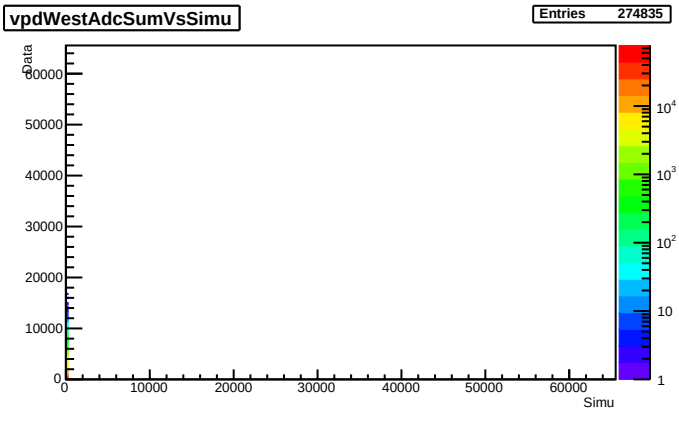

vpdEastAdcSum
Entries 351406

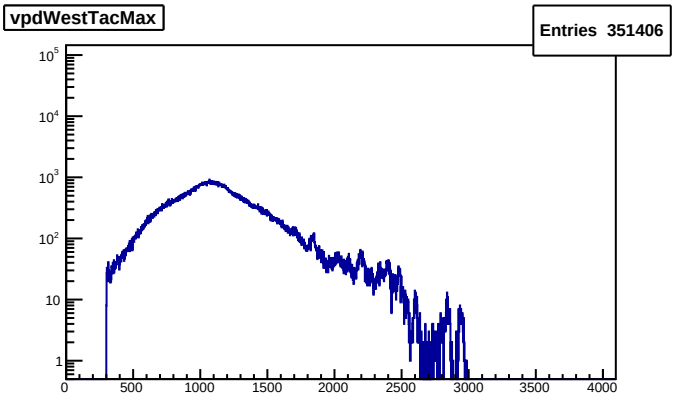

vpdEastAdcSumVsSimu
Entries 226400
Data
Simu

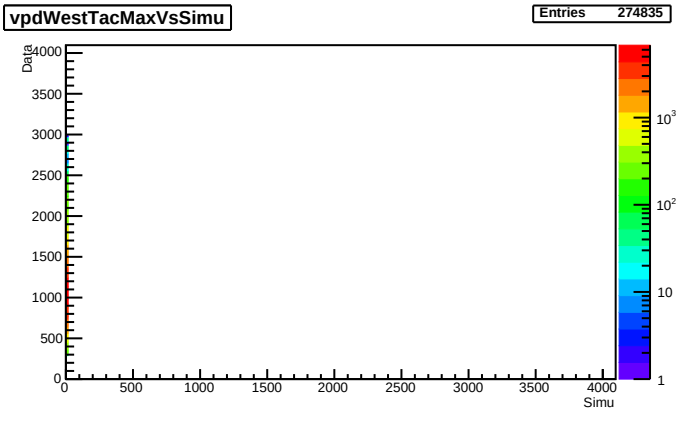

vpdEastTacMax
Entries 351406

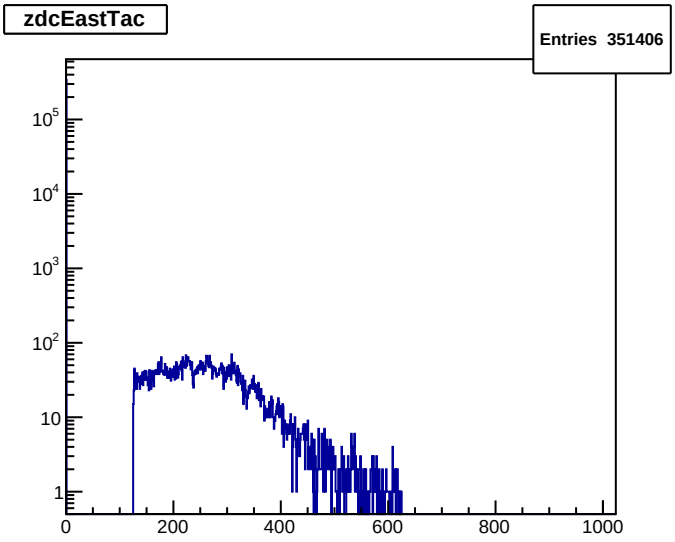

vpdEastTacMaxVsSimu
Entries 226400
Data
Simu

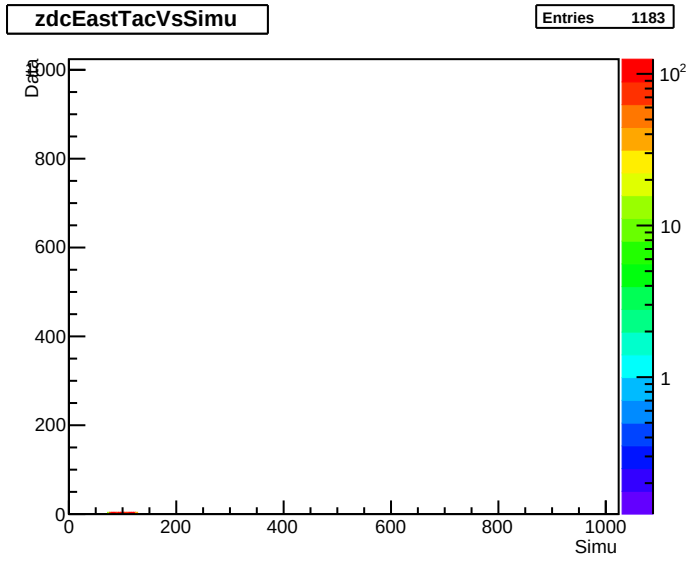

vpdWestAdcSum
Entries 351406

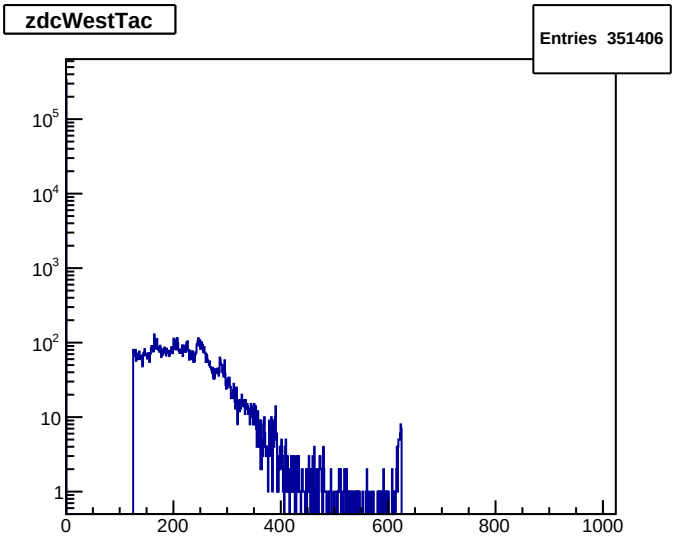

vpdWestAdcSumVsSimu
Entries 274835
Data
Simu

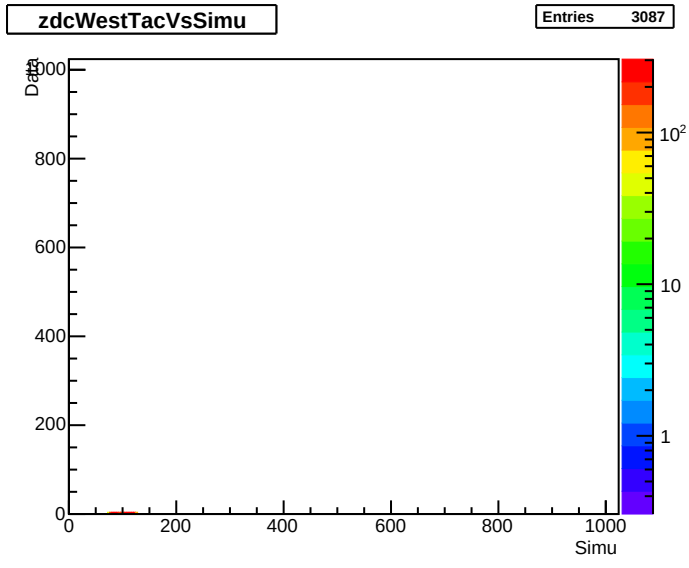

vpdWestTacMax
Entries 351406

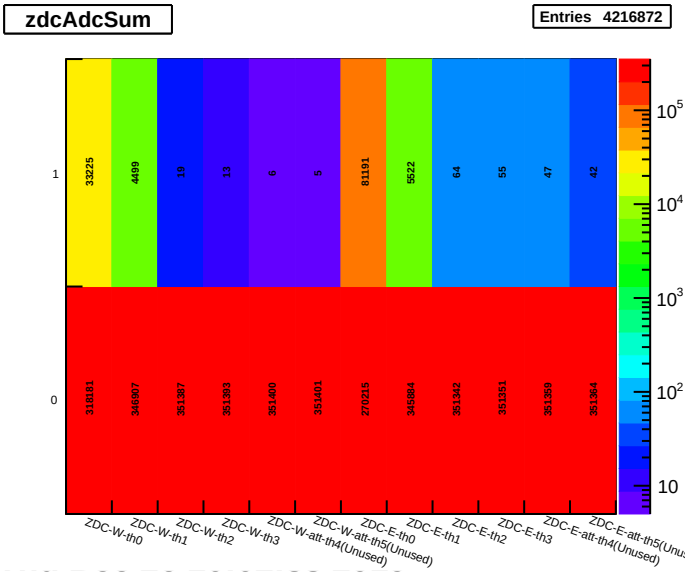

vpdWestTacMaxVsSimu
Entries 274835
Data
Simu

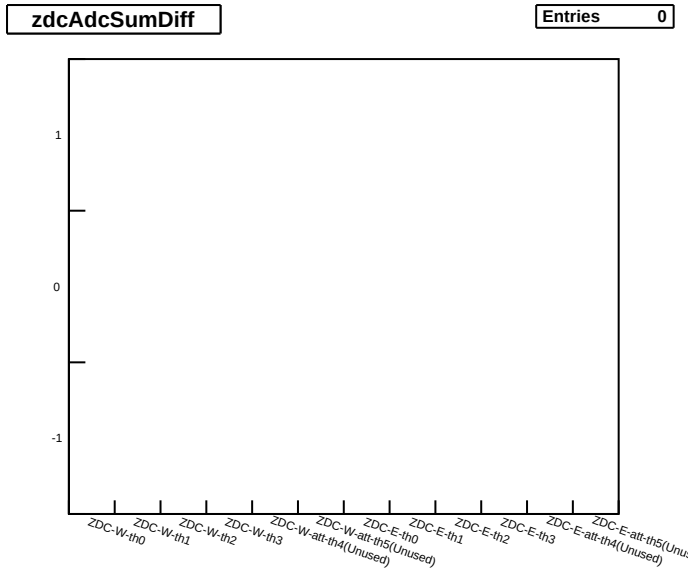

zdcEastTac
Entries 351406

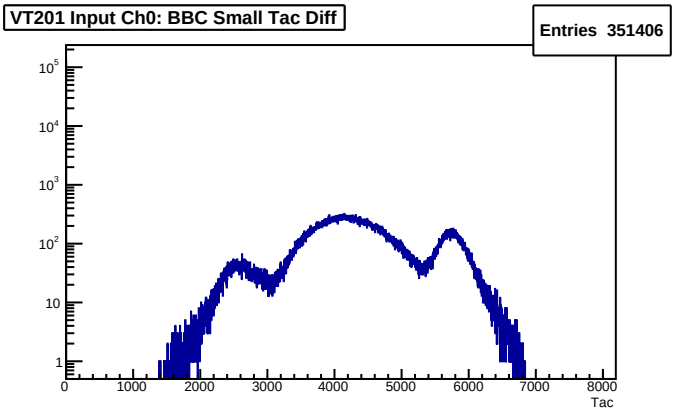

zdcEastTacVsSimu
Entries 1183
Data
Simu

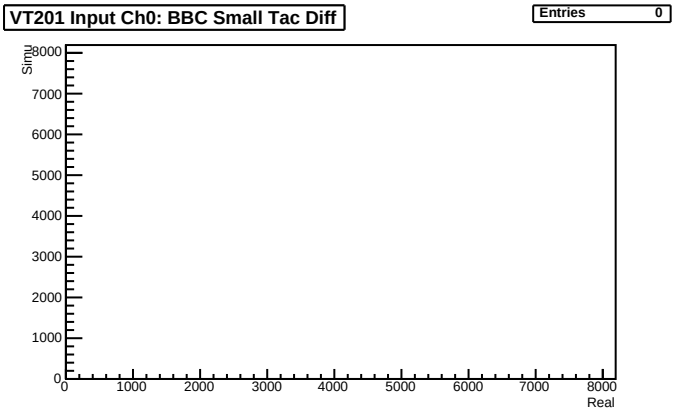

zdcWestTac
Entries 351406

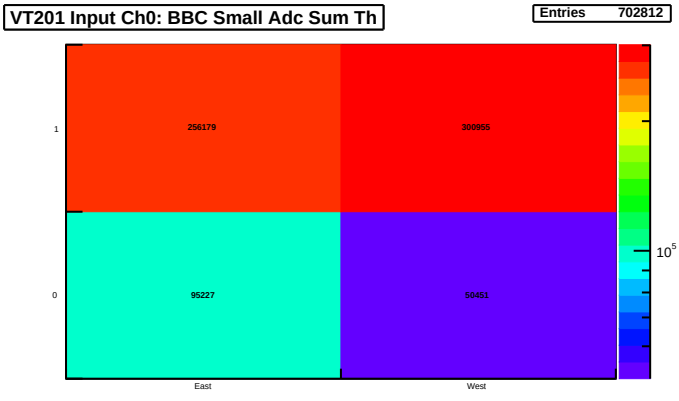

zdcWestTacVsSimu
Entries 3087
Data
Simu

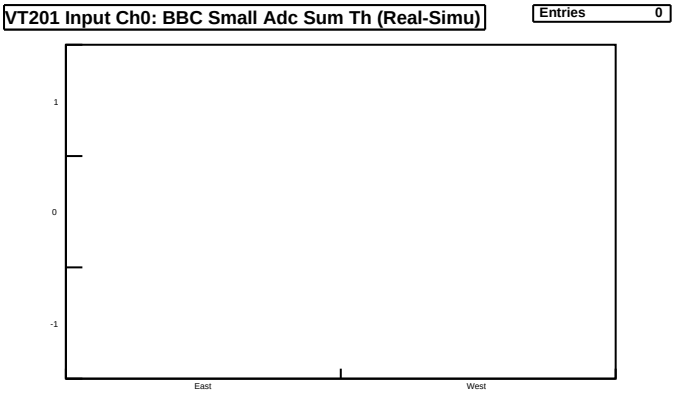

zdcAdcSum
Entries 4216872
33225
4499
19
13
6
5
81191
5522
64
55
47
42
318181
346907
351387
351393
351400
351401
270215
345884
351342
351351
351359
351384
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

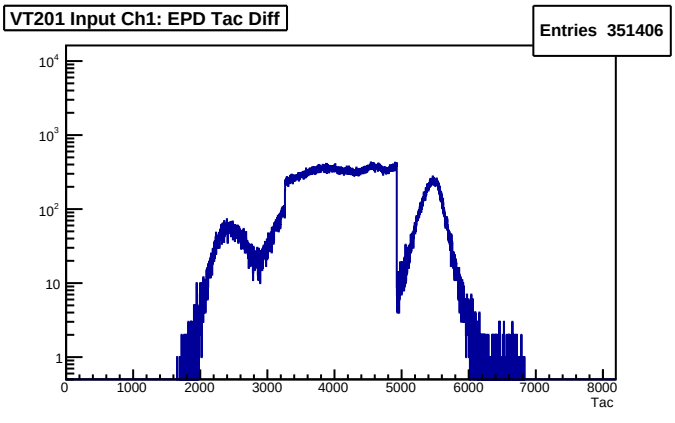

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

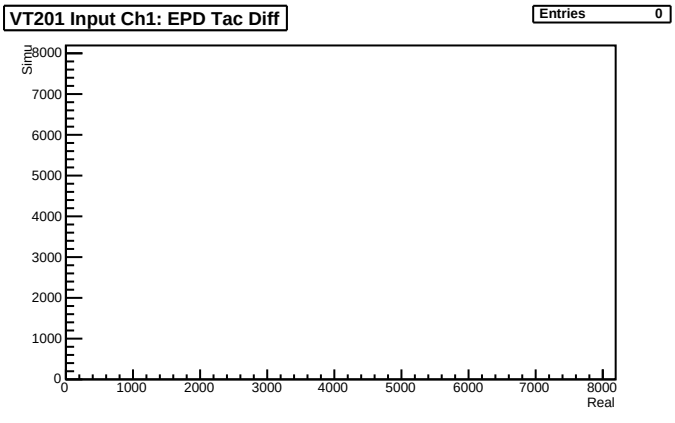

VT201 Input Ch0: BBC Small Tac Diff
Entries 351406
Tac

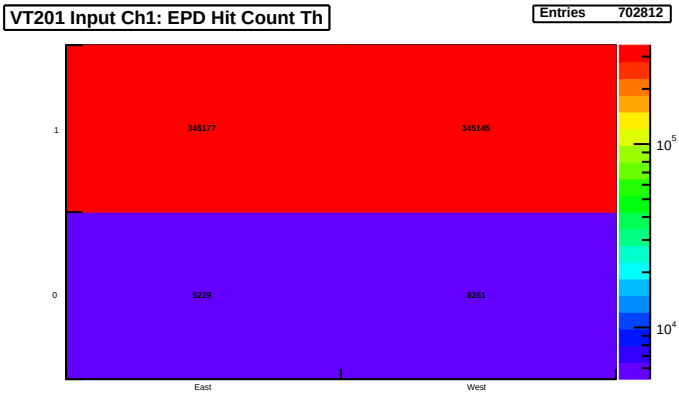

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

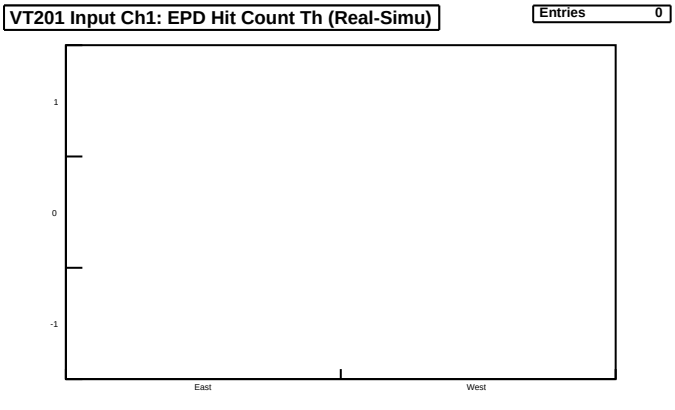

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 702812
256179
300955
95227
50451
East
West

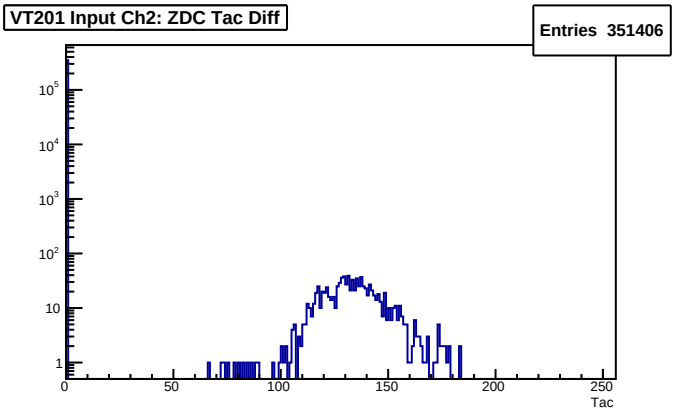

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

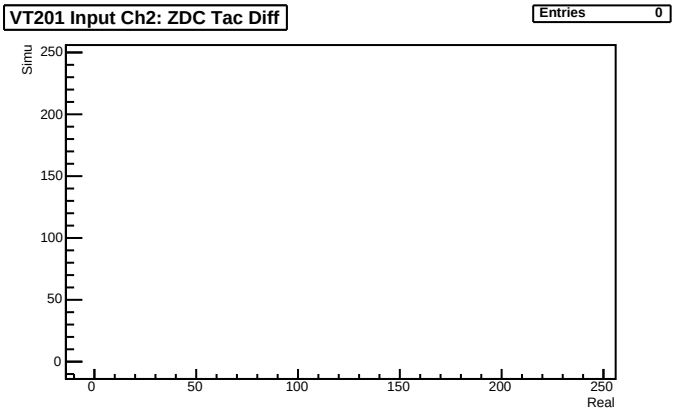

VT201 Input Ch1: EPD Tac Diff
Entries 351406
Tac

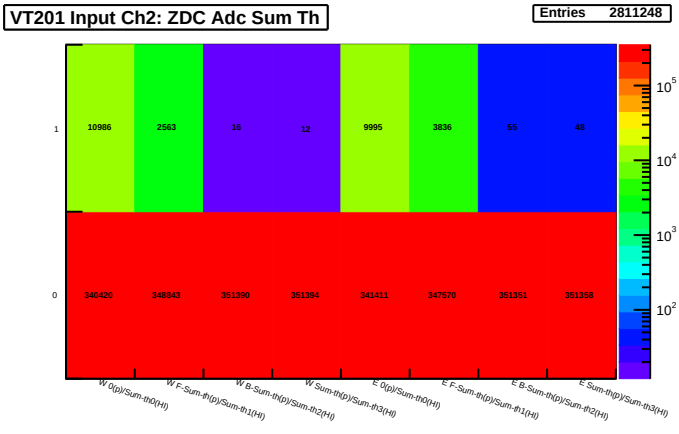

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

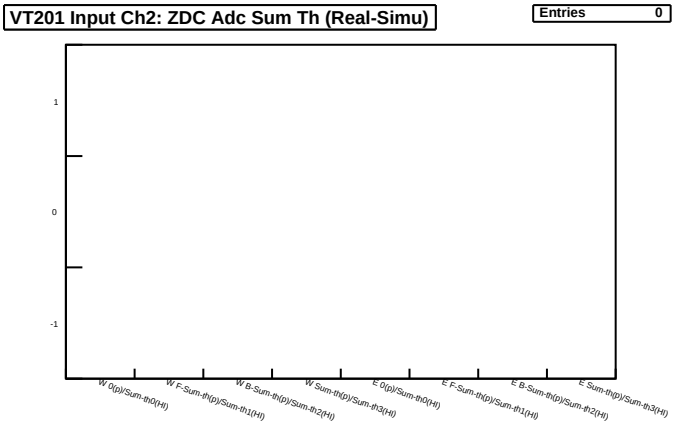

VT201 Input Ch1: EPD Hit Count Th
Entries 702812
346177
345145
5229
6261
East
West

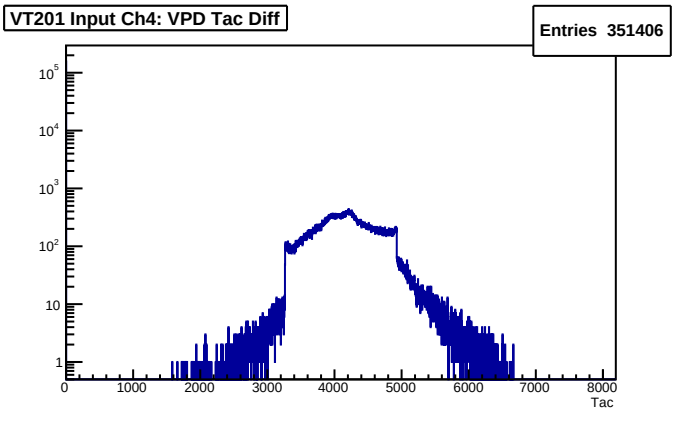

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

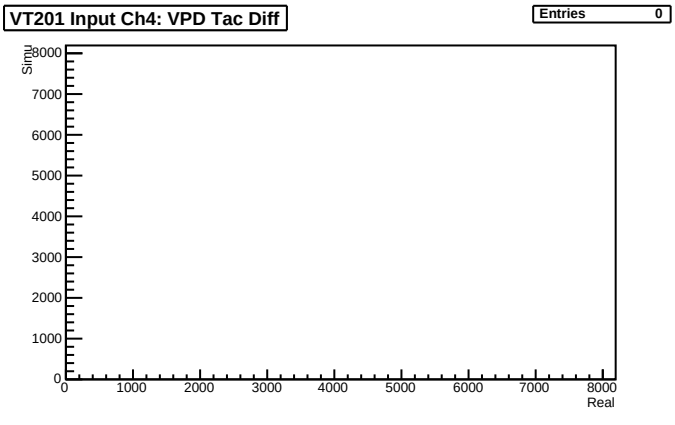

VT201 Input Ch2: ZDC Tac Diff
Entries 351406
Tac

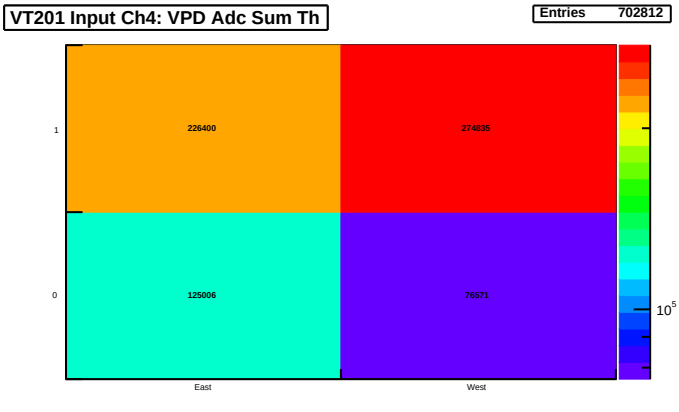

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

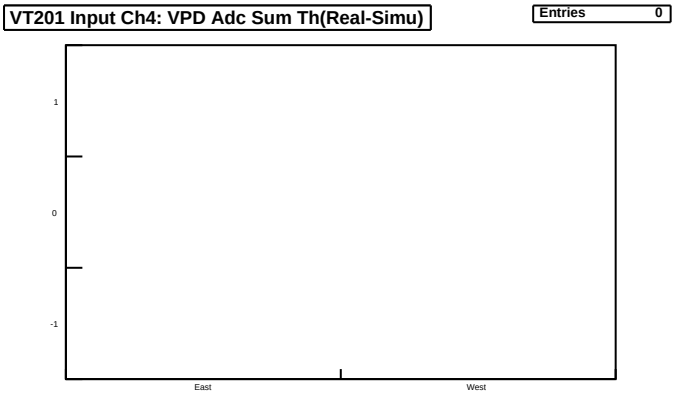

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2811248
10986
2563
16
12
9995
3836
55
48
340420
348843
351390
351394
341411
347570
351351
351358
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

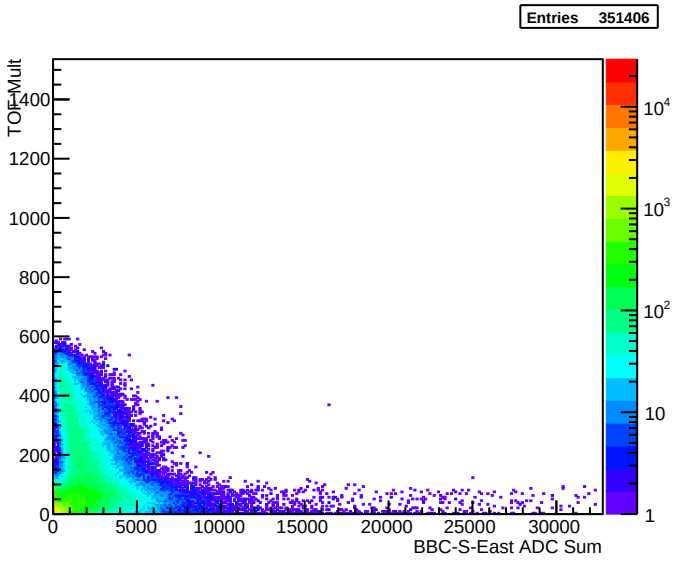

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

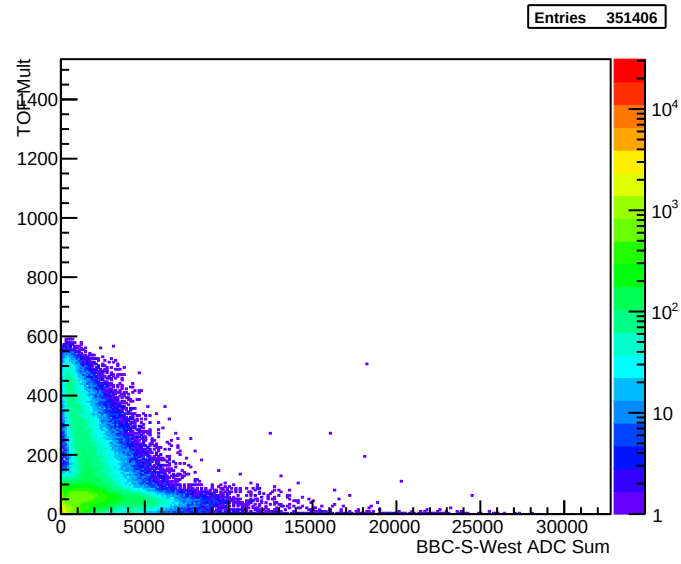

VT201 Input Ch4: VPD Tac Diff
Entries 351406
Tac

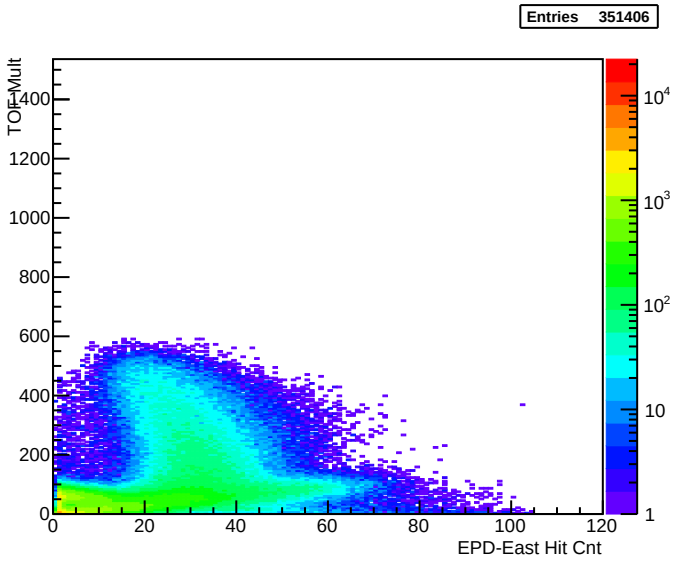

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

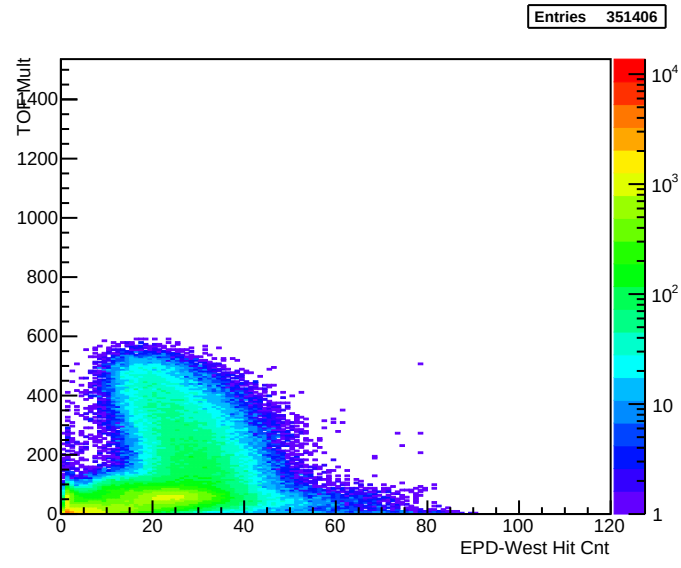

VT201 Input Ch4: VPD Adc Sum Th
Entries 702812
226400
274835
125006
76571
East
West

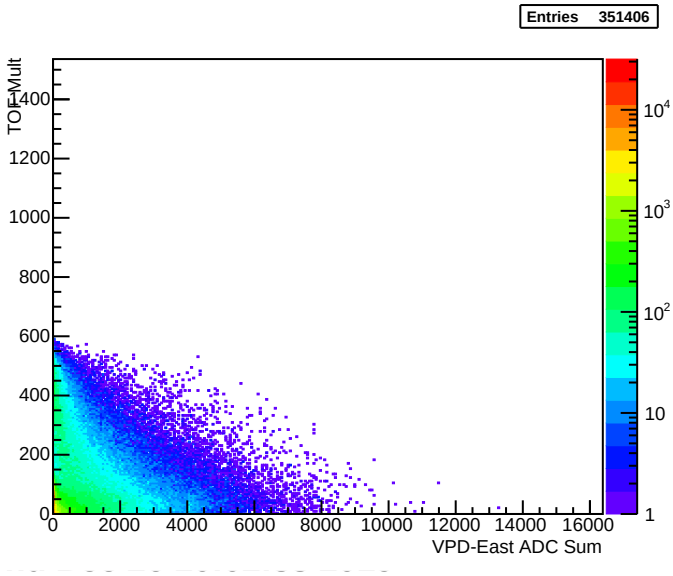

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

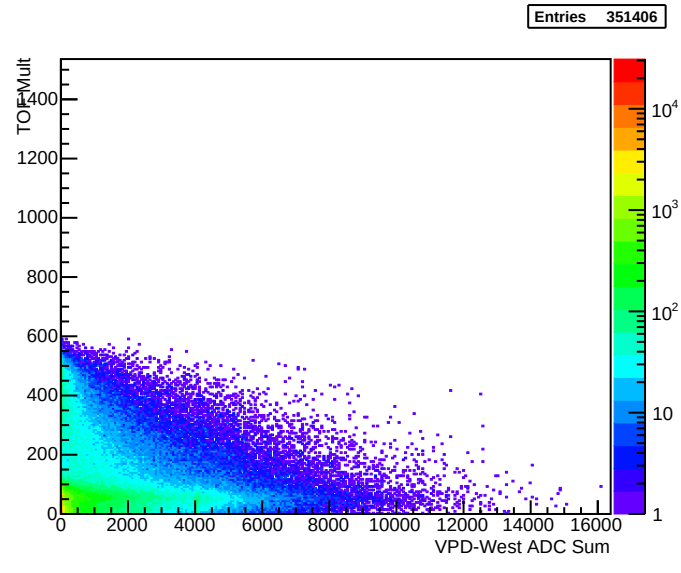

Entries 351406
TOF-Mult
BBC-S-East ADC Sum

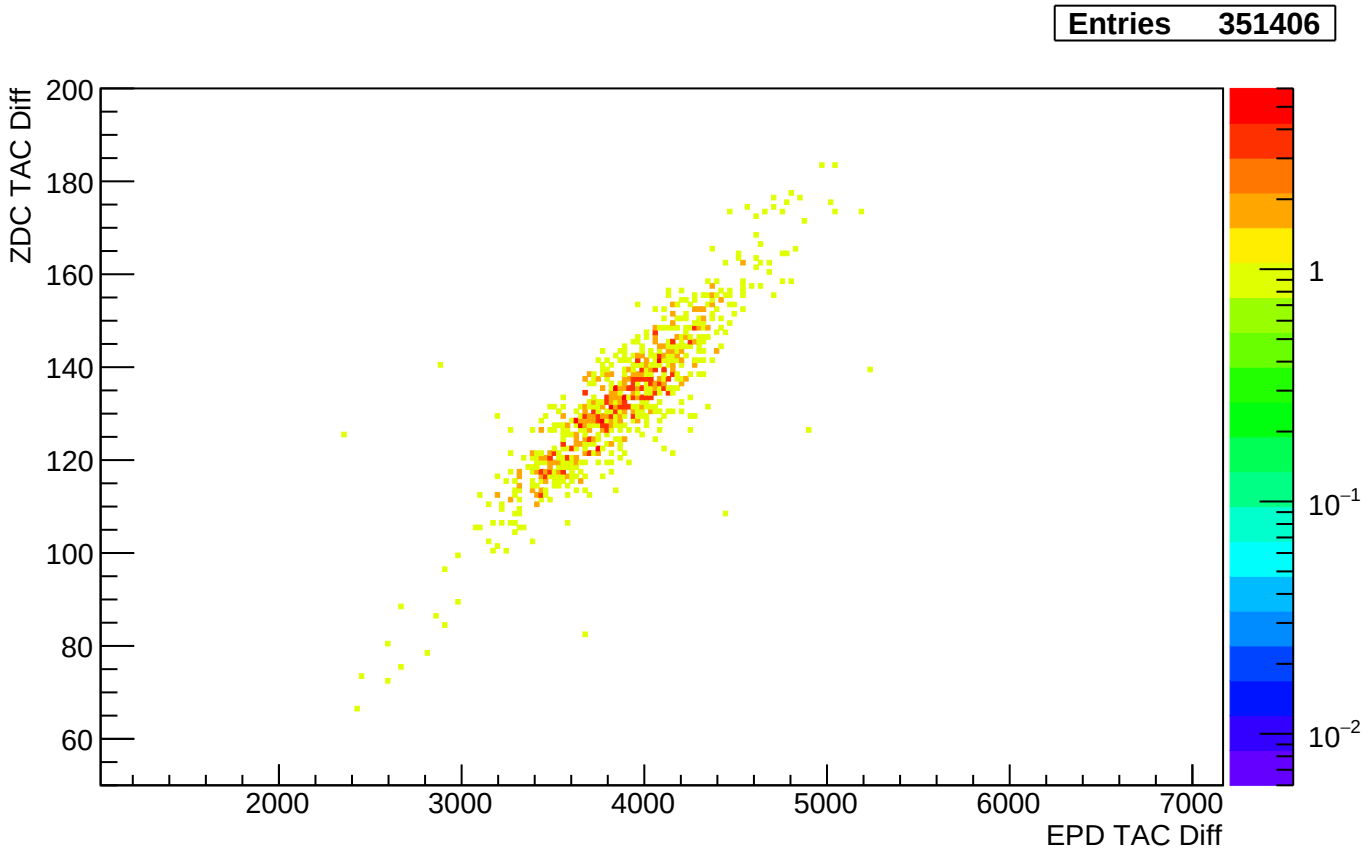

Entries 351406
TOF-Mult
BBC-S-West ADC Sum

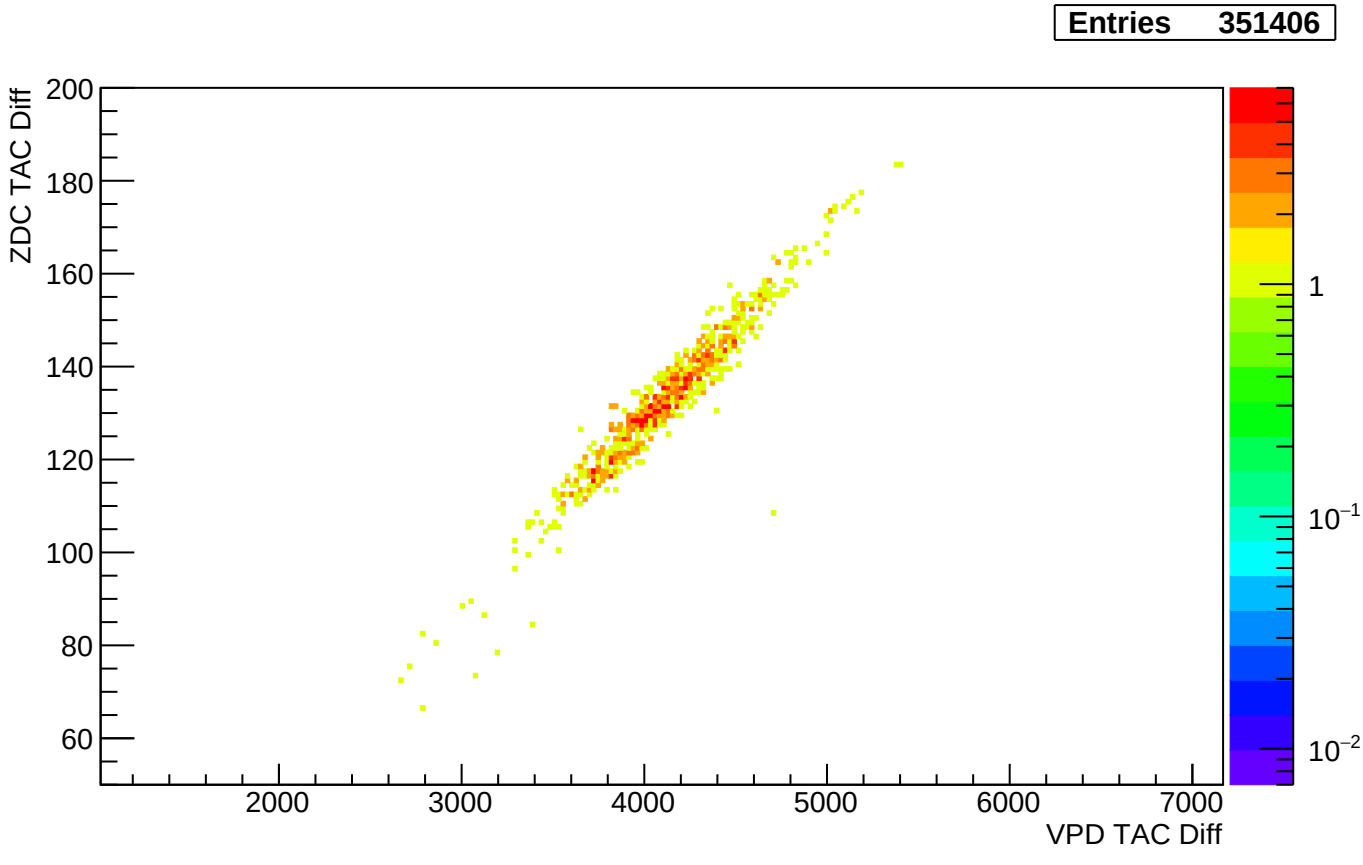

Entries 351406
TOF-Mult
EPD-East Hit Cnt

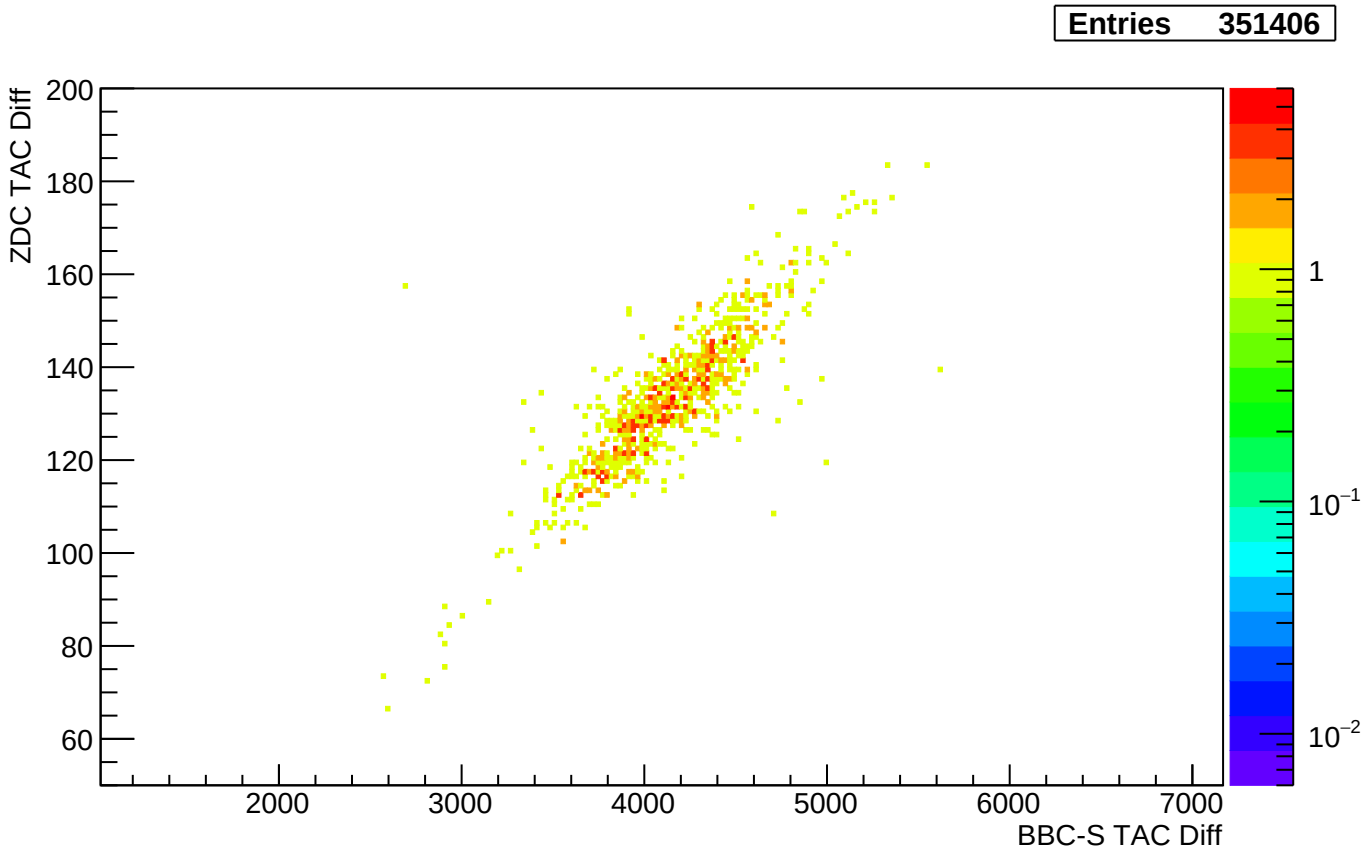

Entries 351406
TOF-Mult
EPD-West Hit Cnt

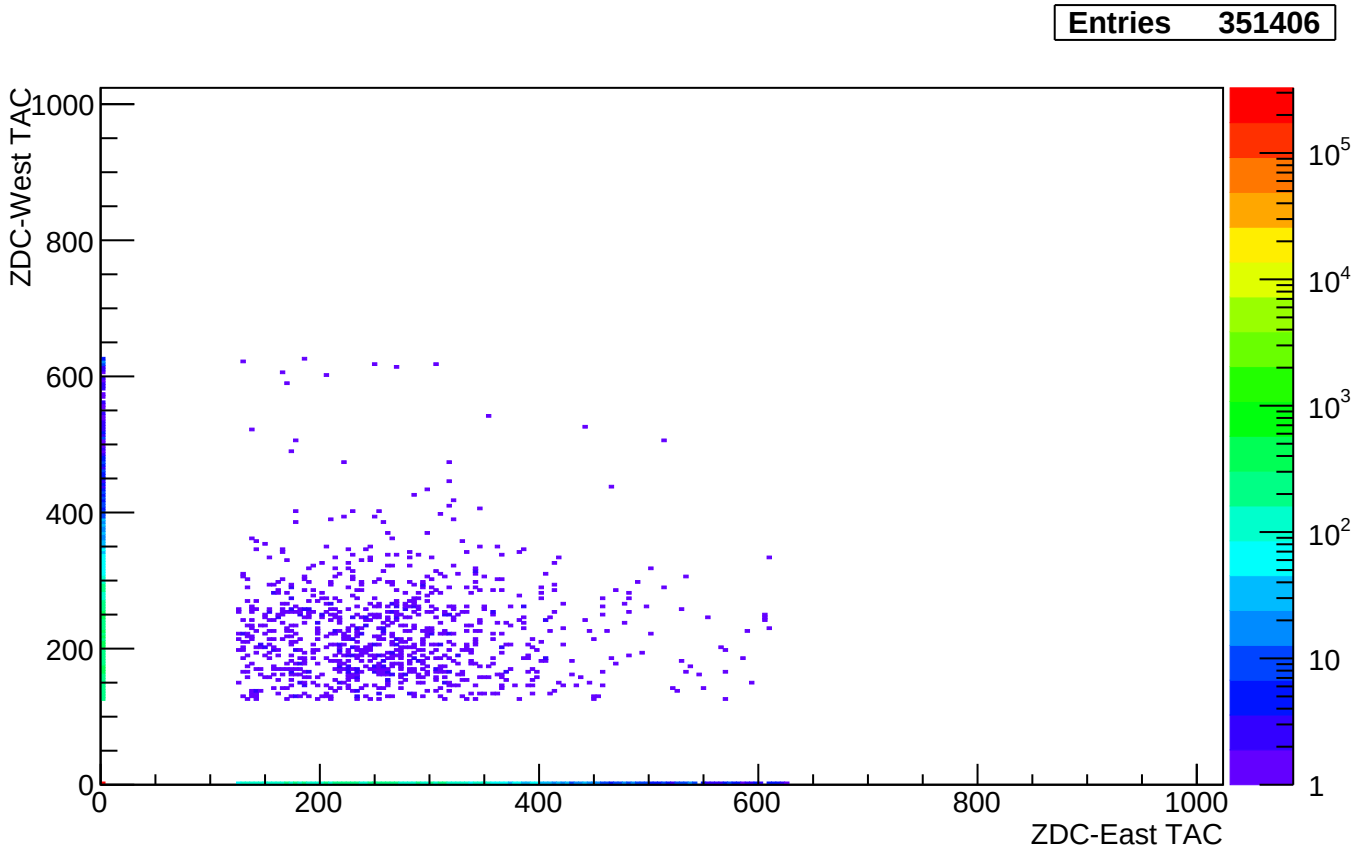

Entries 351406
TOF-Mult
VPD-East ADC Sum

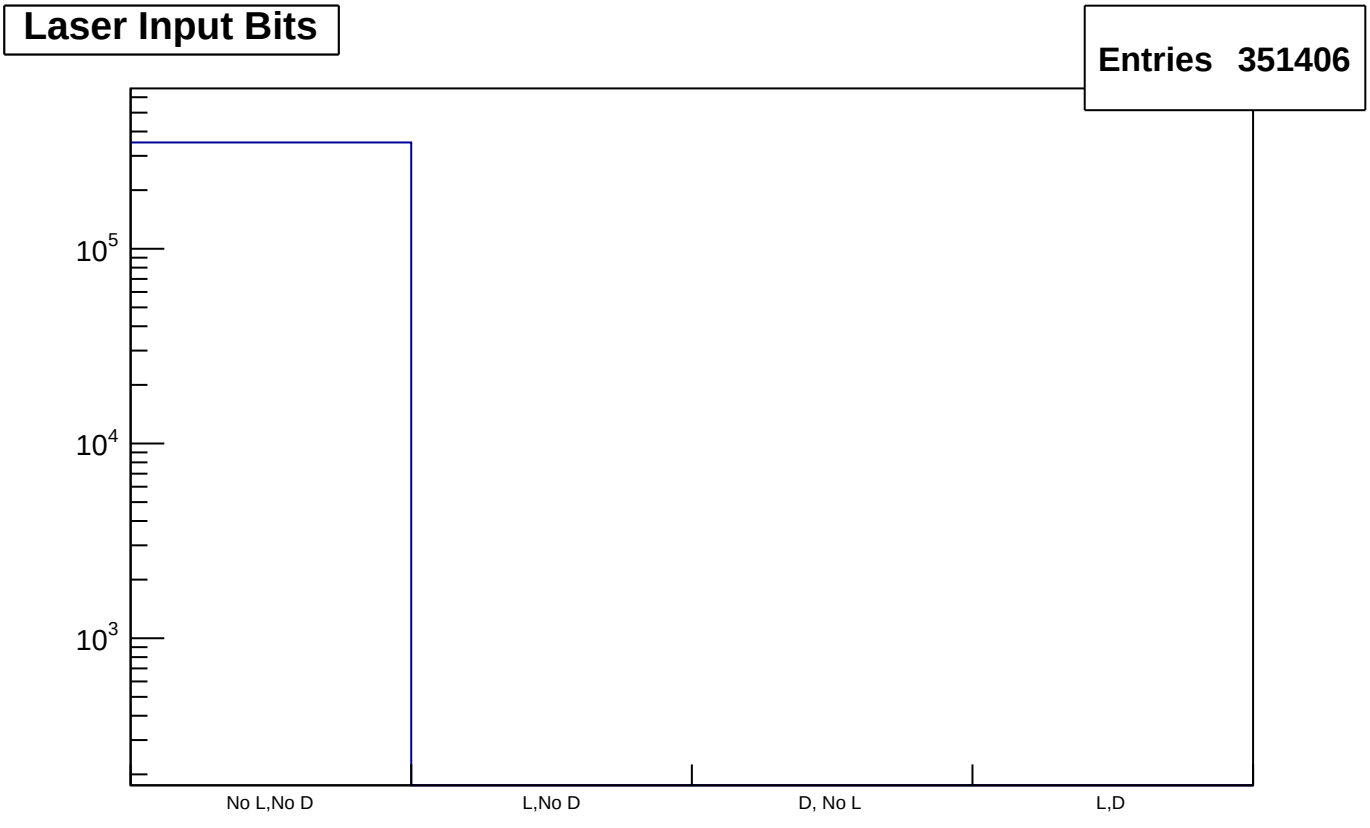

Entries 351406
TOF-Mult
VPD-West ADC Sum

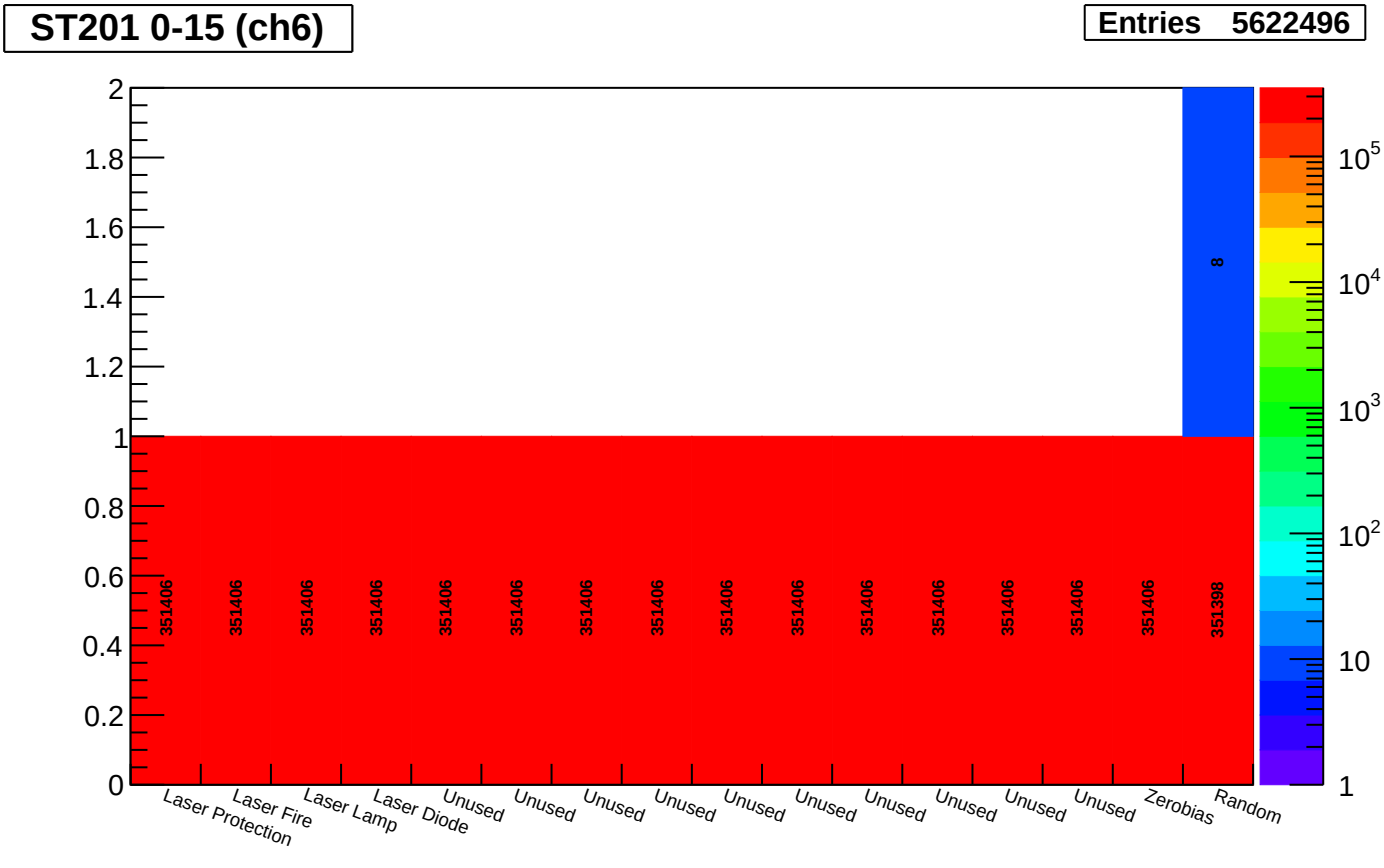

Entries 351406
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

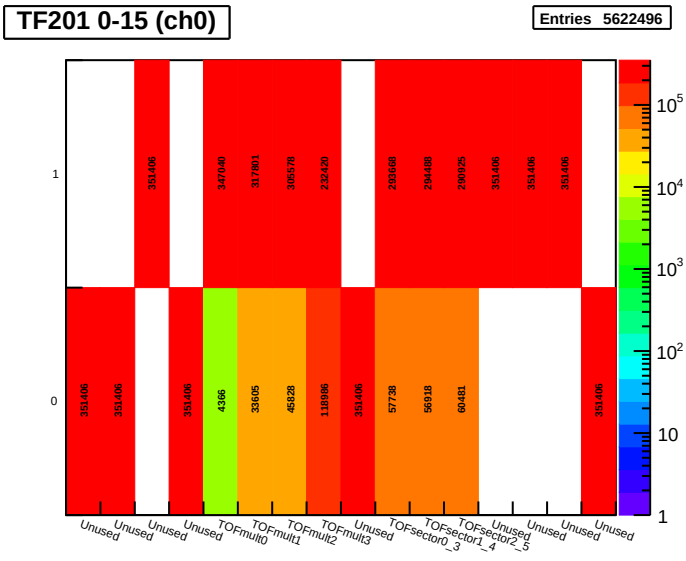

Entries 351406
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

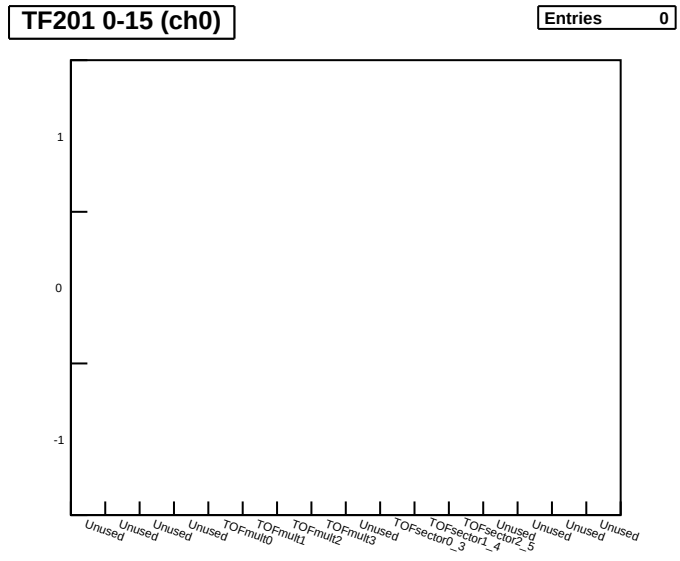

Entries 351406
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

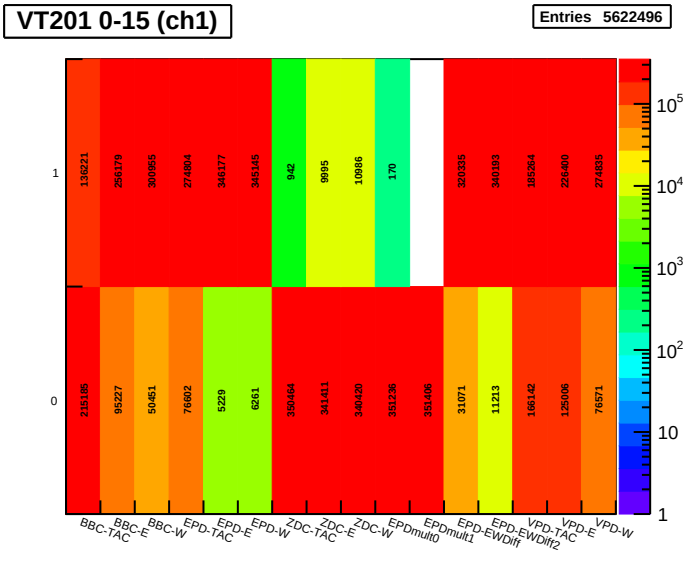

Entries 351406
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

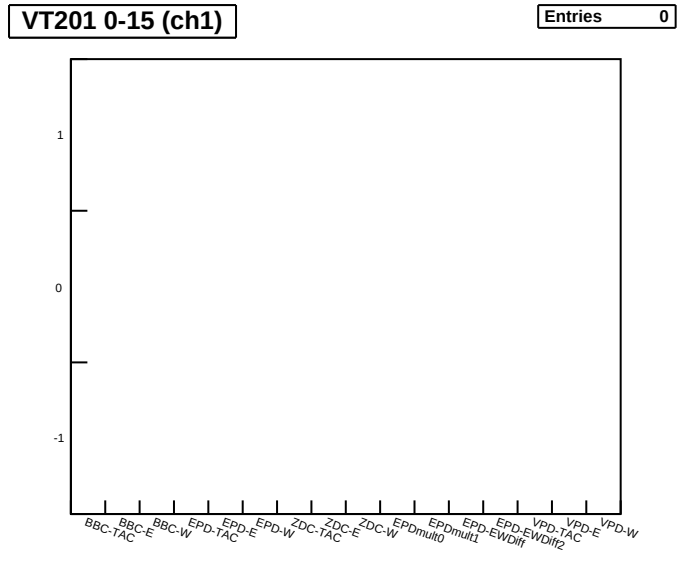

Laser Input Bits
Entries 351406
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

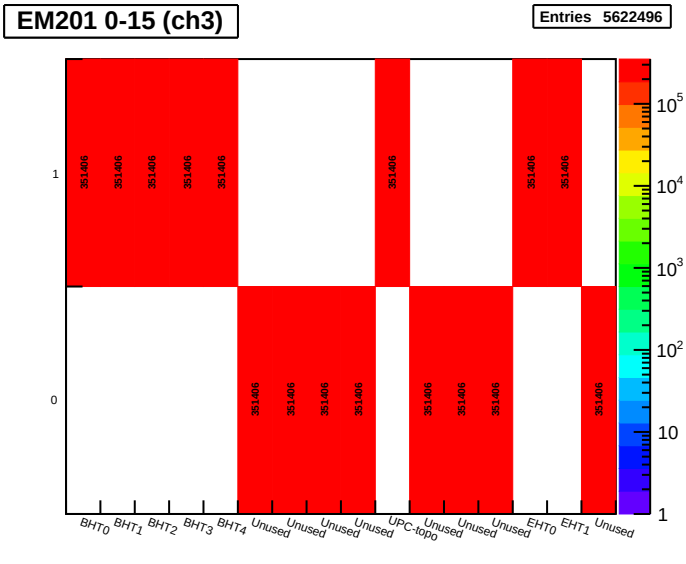

ST201 0-15 (ch6)
Entries 5622496
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
8
351406
351398
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

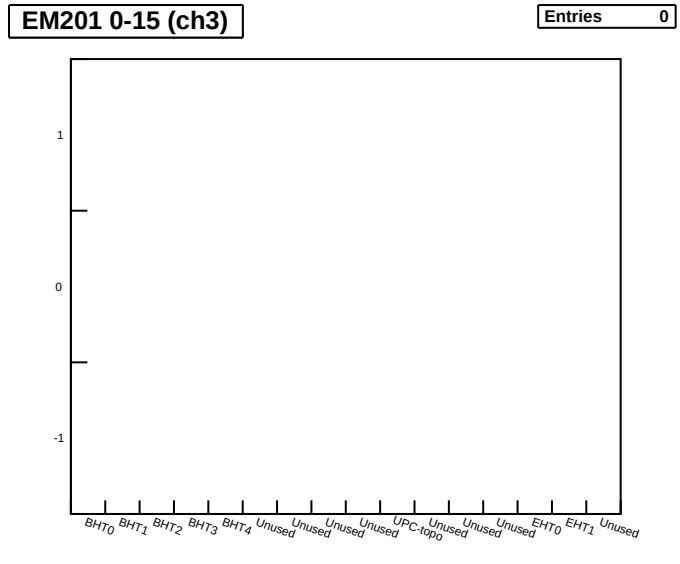

TF201 0-15 (ch0)
Entries 5622496
1
0
351406 347040 317601 305578 232420 293668 294488 290925 351406 351406 351406
351406 351406 351406 4366 33605 45828 118986 351406 57738 56918 60481 351406
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 5622496
1
0
136221 256179 300955 274804 346177 345145 942 9995 10986 170 320335 340193 185264 226400 274835
215185 95227 50451 76602 5229 6261 350464 341411 340420 331236 351406 31071 11213 166142 125006 76571
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 5622496
1
0
351406 351406 351406 351406 351406 351406 351406 351406
351406 351406 351406 351406 351406 351406 351406 351406
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