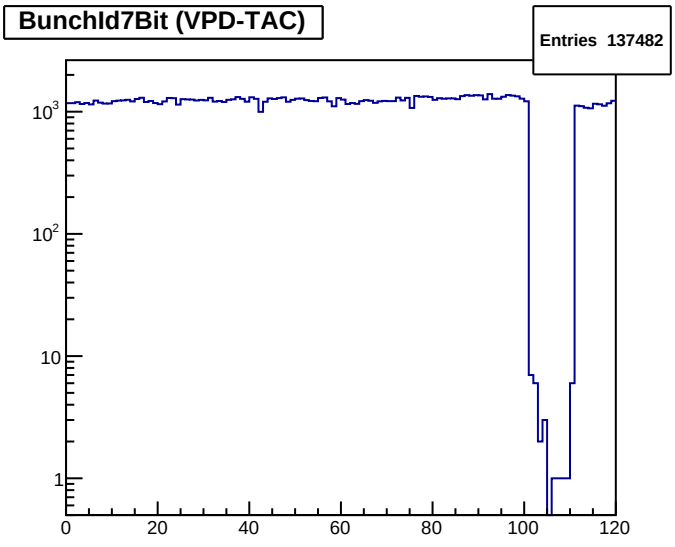
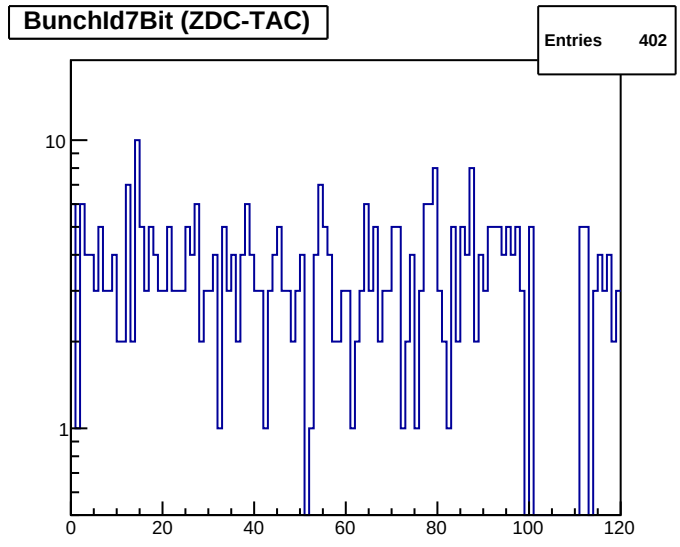
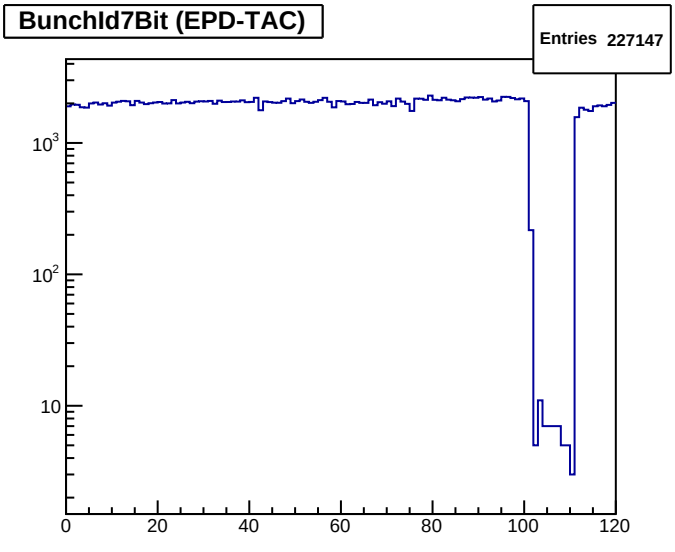
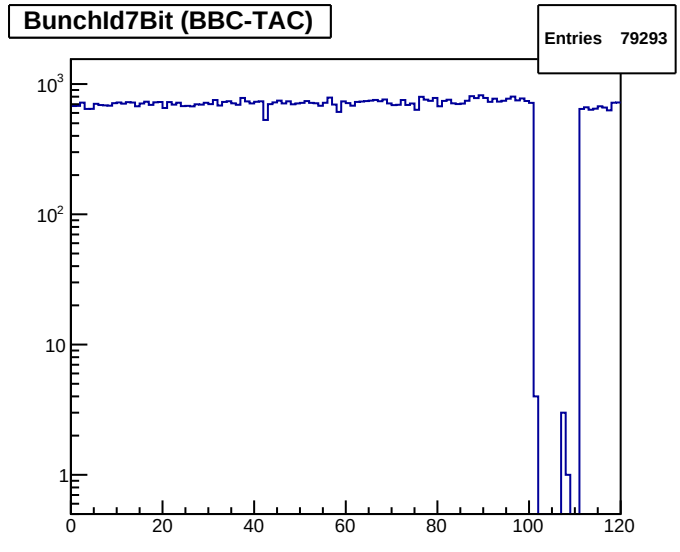
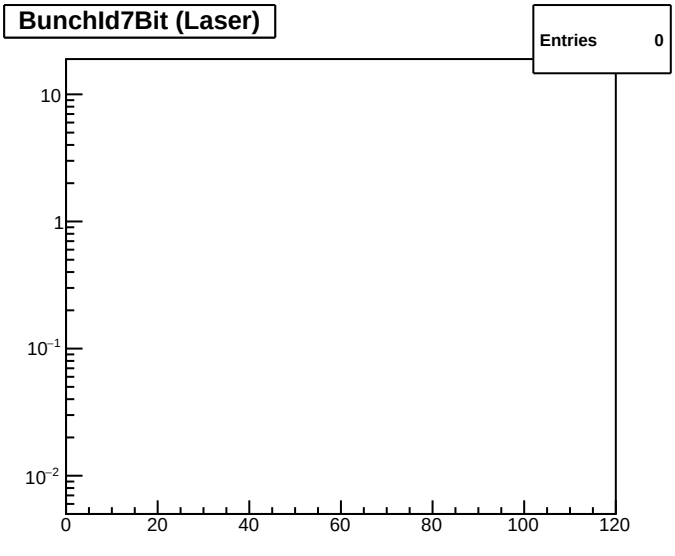
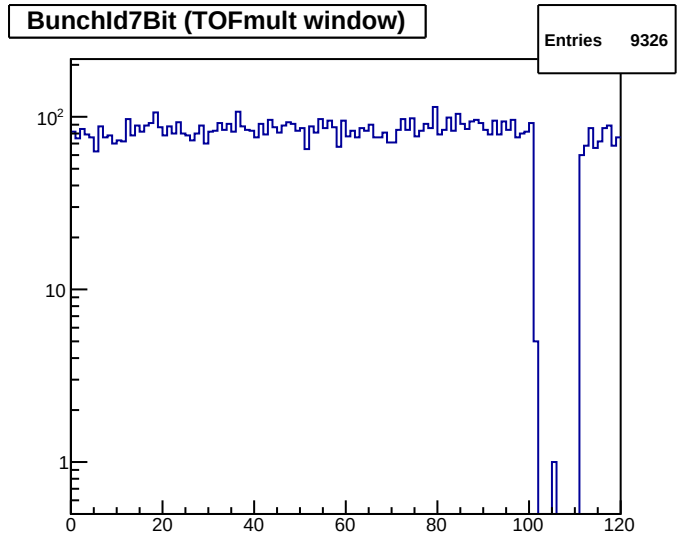

BunchId7Bit (VPD-TAC)
Entries 137482

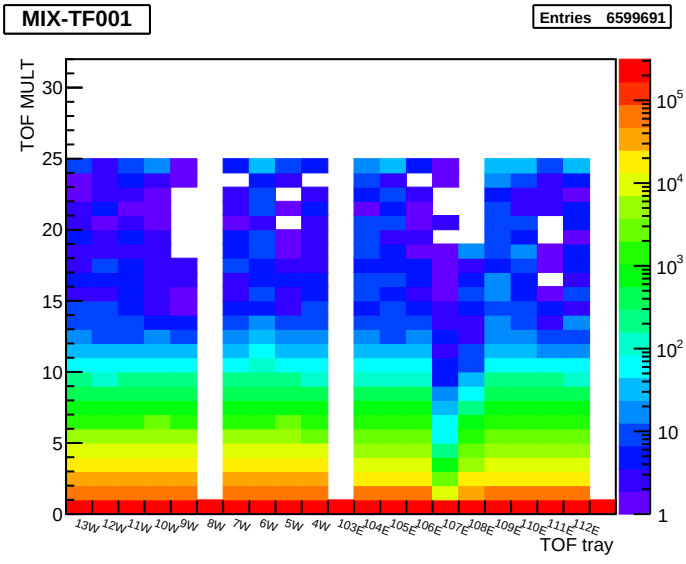

BunchId7Bit (ZDC-TAC)
Entries 402

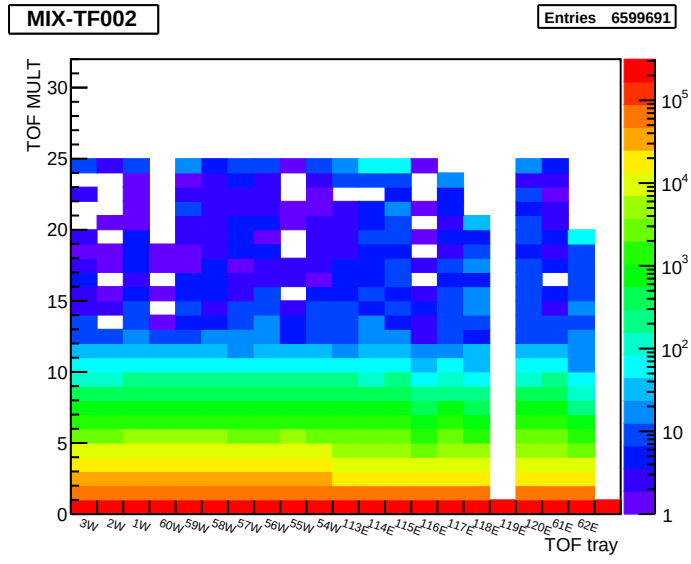

BunchId7Bit (EPD-TAC)
Entries 227147

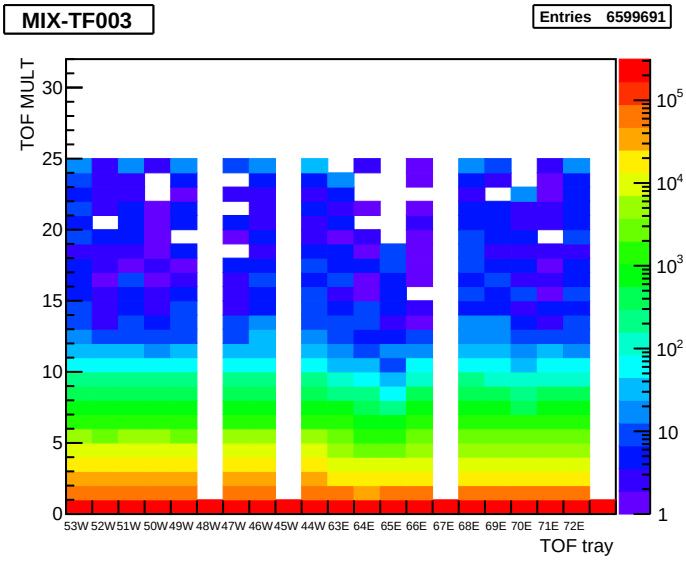

BunchId7Bit (BBC-TAC)
Entries 79293

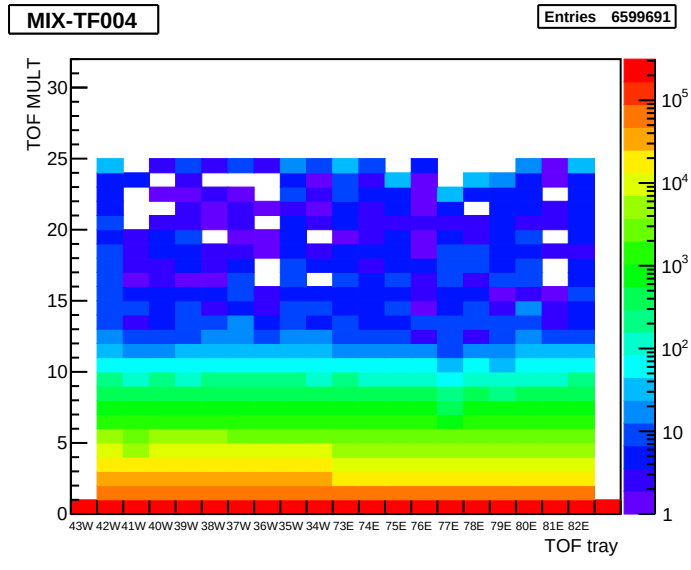

BunchId7Bit (Laser)
Entries 0

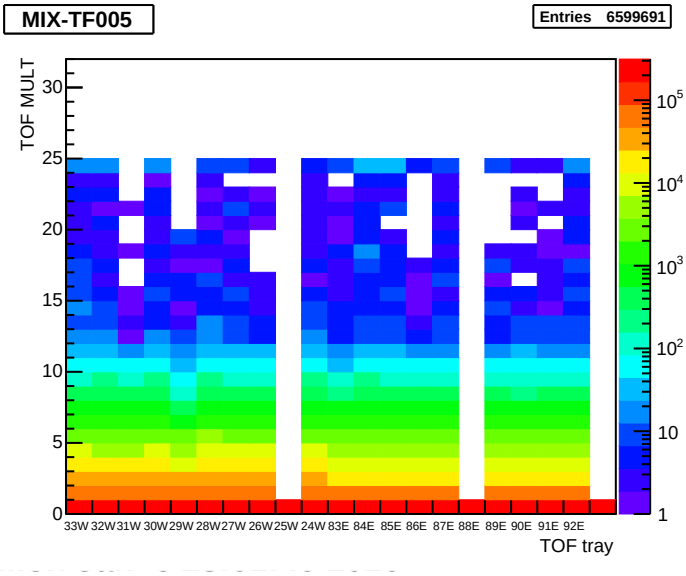

BunchId7Bit (TOFmult window)
Entries 9326

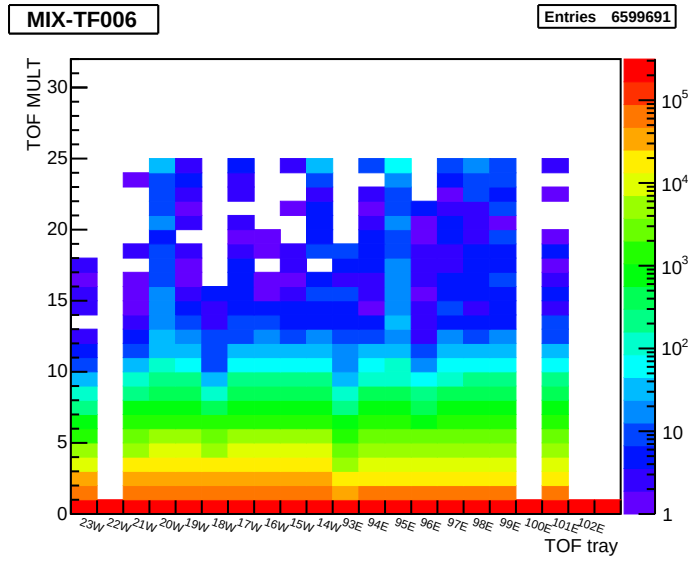

MIX-TF001
Entries 6599691
TOF MULT
TOF tray

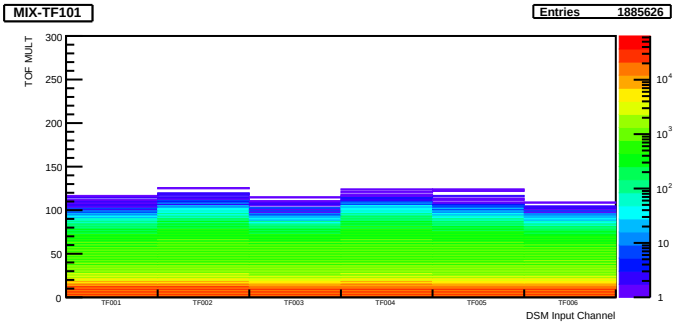

MIX-TF002
Entries 6599691
TOF MULT
TOF tray

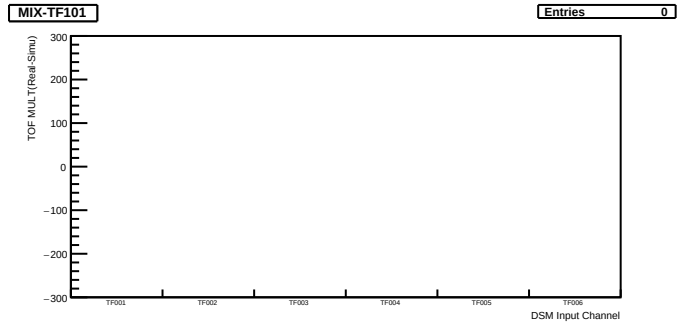

MIX-TF003
Entries 6599691
TOF MULT
TOF tray

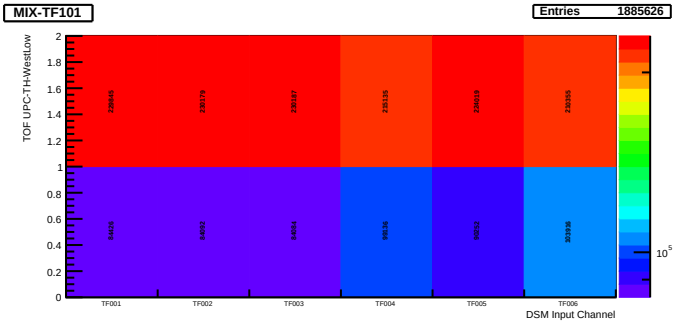

MIX-TF004
Entries 6599691
TOF MULT
TOF tray

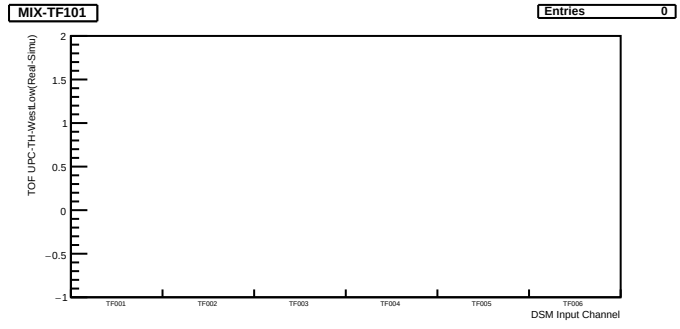

MIX-TF005
Entries 6599691
TOF MULT
TOF tray

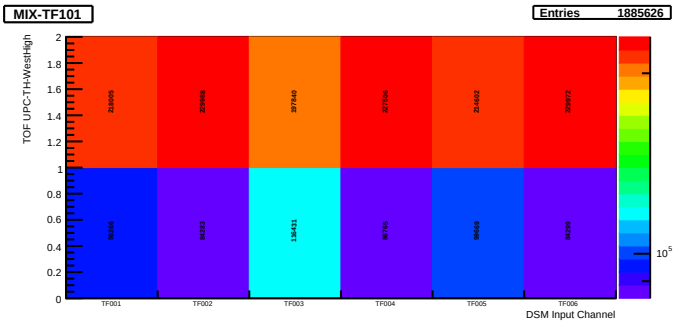

MIX-TF006
Entries 6599691
TOF MULT
TOF tray

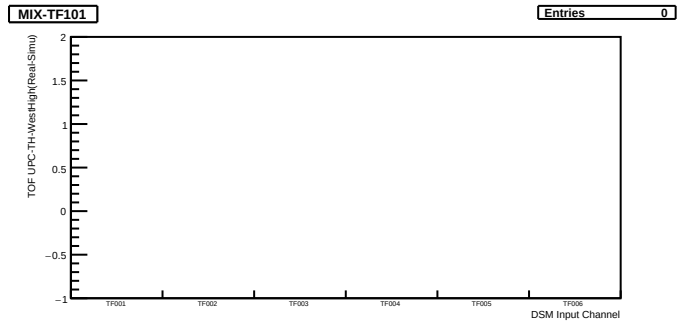

MIX-TF101
Entries 1885626
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

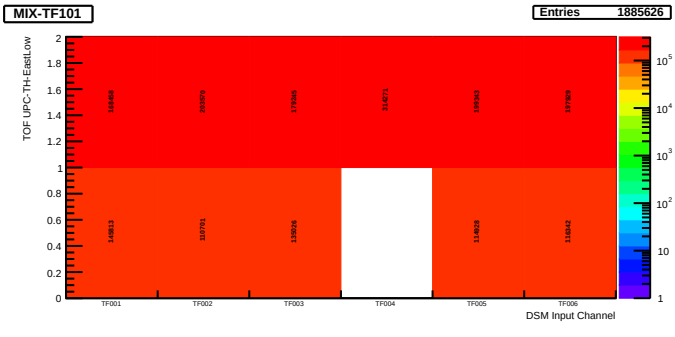

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

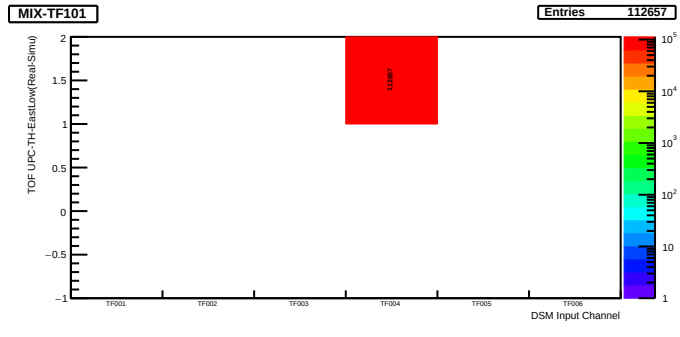

MIX-TF101
Entries 1885626
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

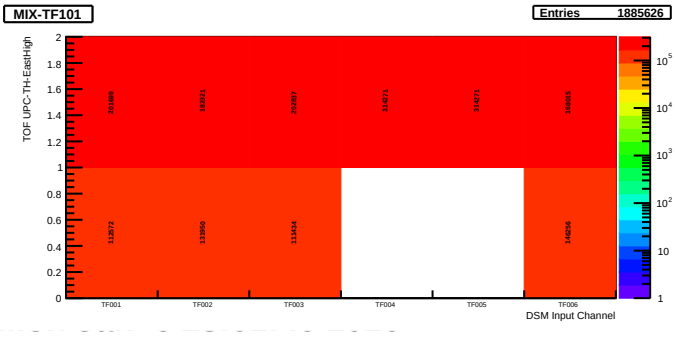

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

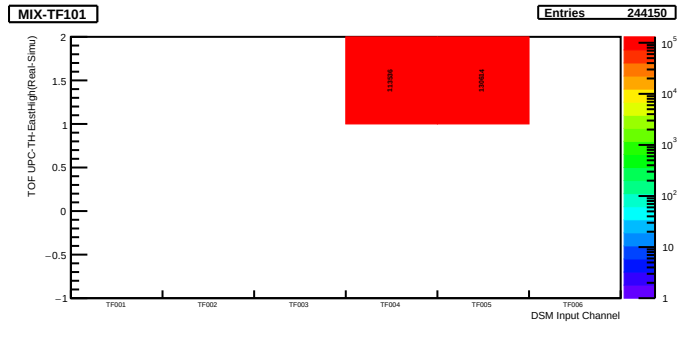

MIX-TF101
Entries 1885626
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

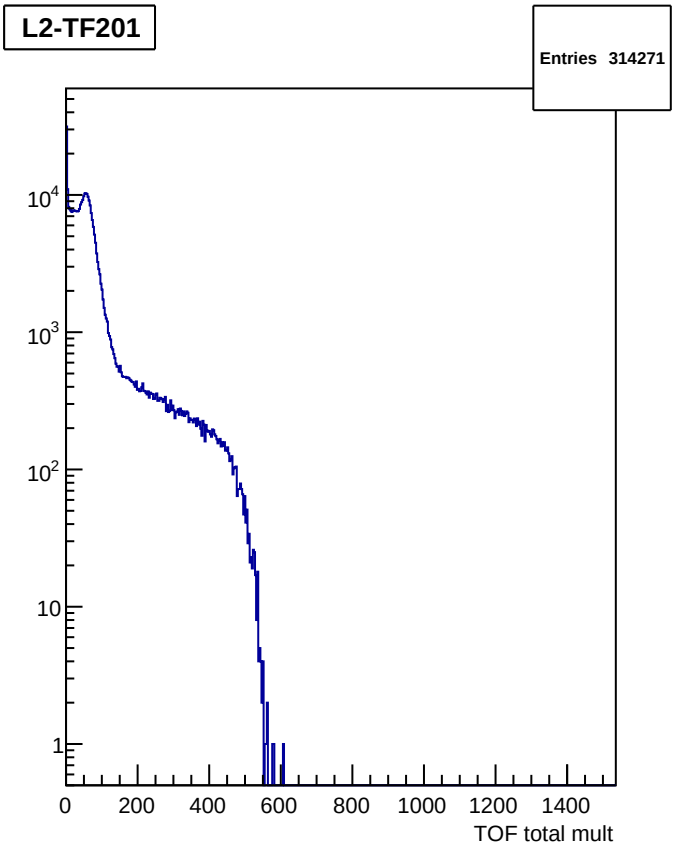

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

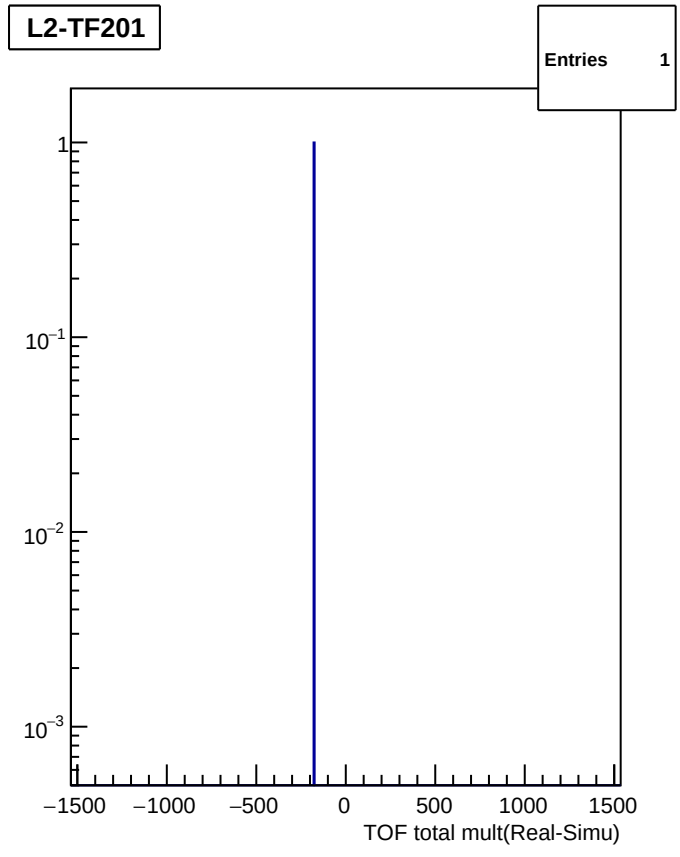

MIX-TF101
Entries 1885626
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

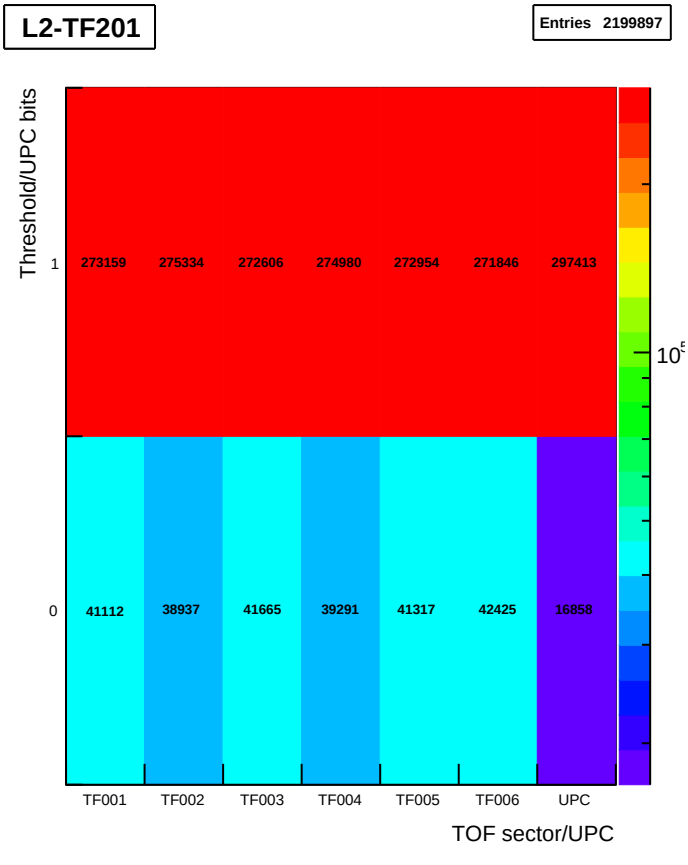

MIX-TF101
Entries 112657
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

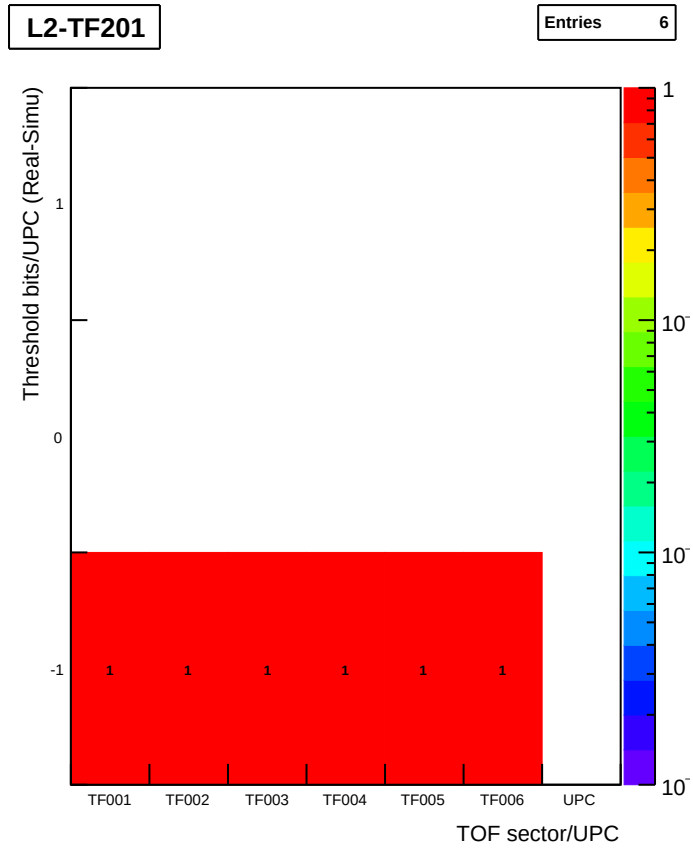

MIX-TF101
Entries 1885626
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

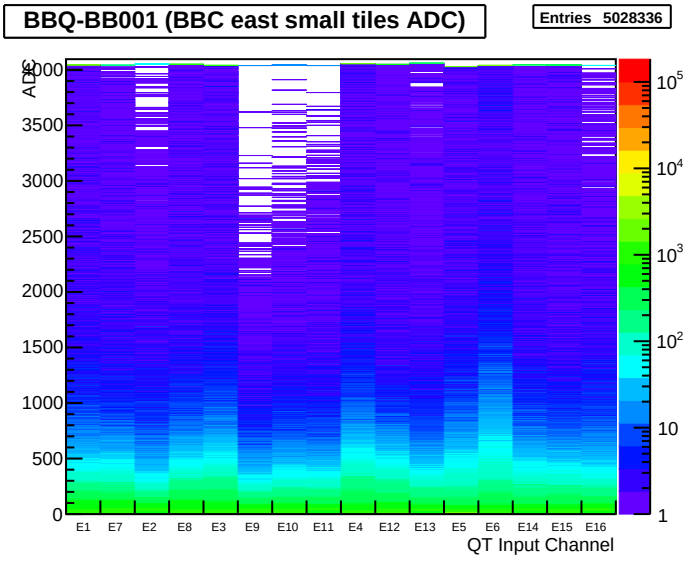

MIX-TF101
Entries 244150
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

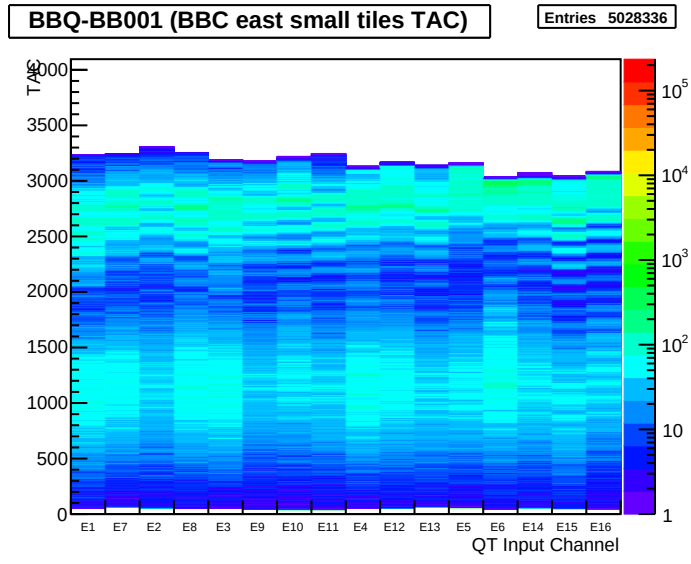

L2-TF201
Entries 314271
TOF total mult

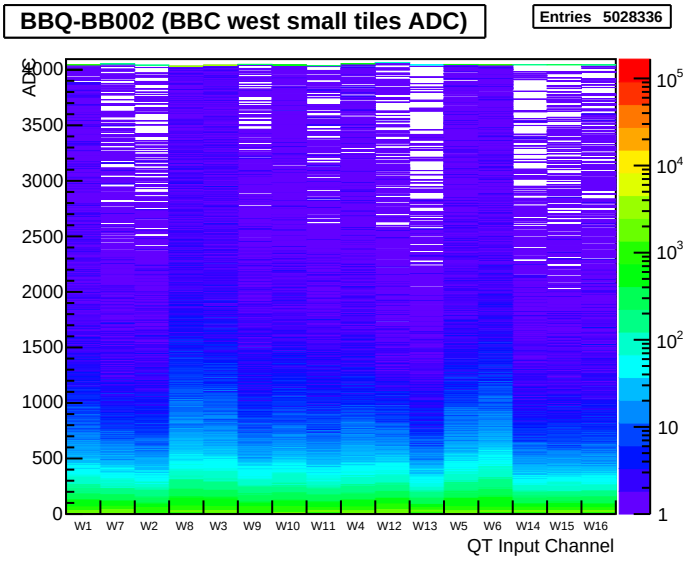

L2-TF201
Entries 1
TOF total mult(Real-Simu)

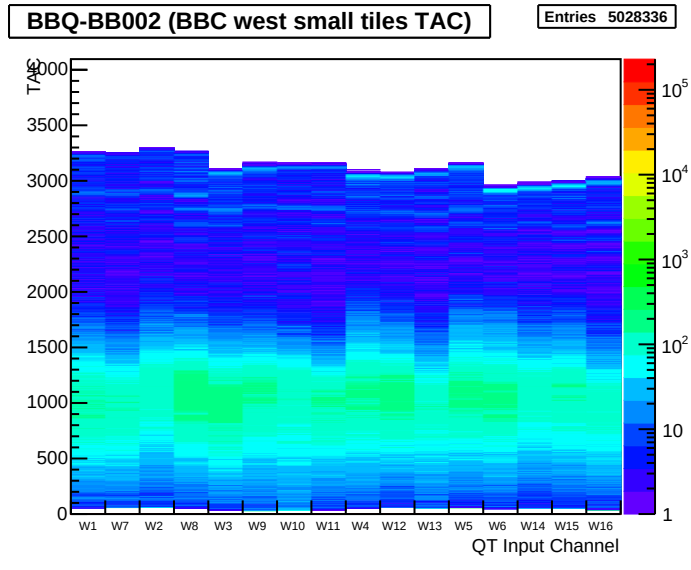

L2-TF201
Entries 2199897
Threshold/UPC bits
273159 275334 272606 274980 272954 271846 297413
41112 38937 41665 39291 41317 42425 16858
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

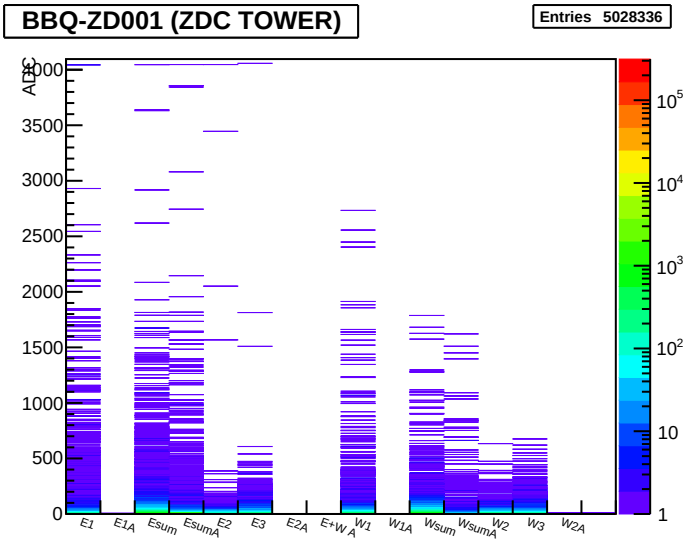

L2-TF201
Entries 6
Threshold bits/UPC (Real-Simu)
1 1 1 1 1 1
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

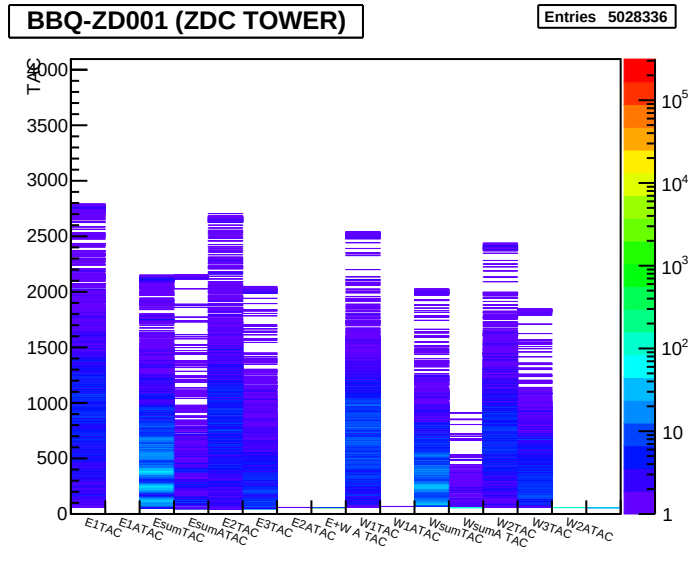

BBQ-BB001 (BBC east small tiles ADC)
Entries 5028336
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

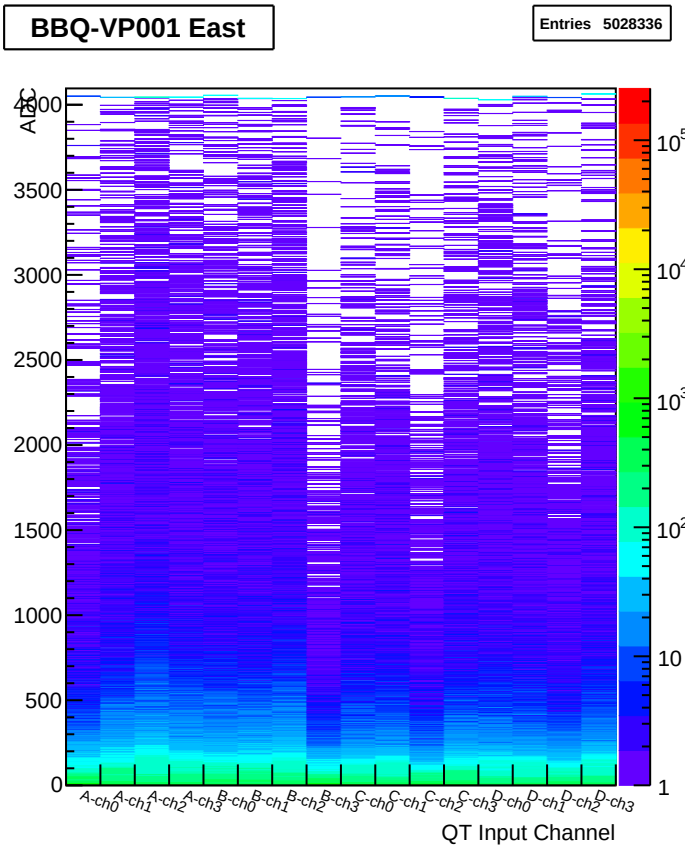

BBQ-BB001 (BBC east small tiles TAC)
Entries 5028336
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

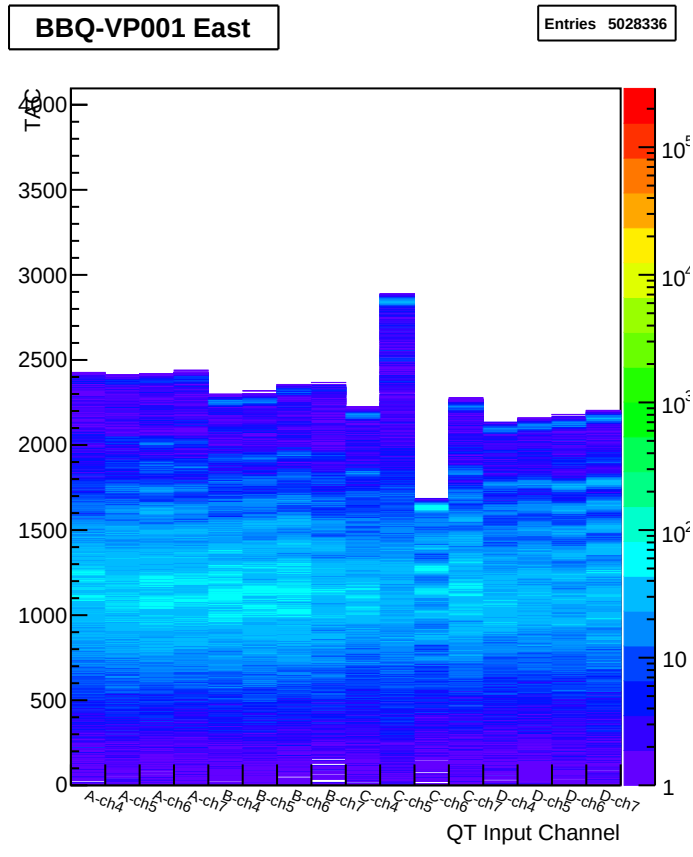

BBQ-BB002 (BBC west small tiles ADC)
Entries 5028336
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

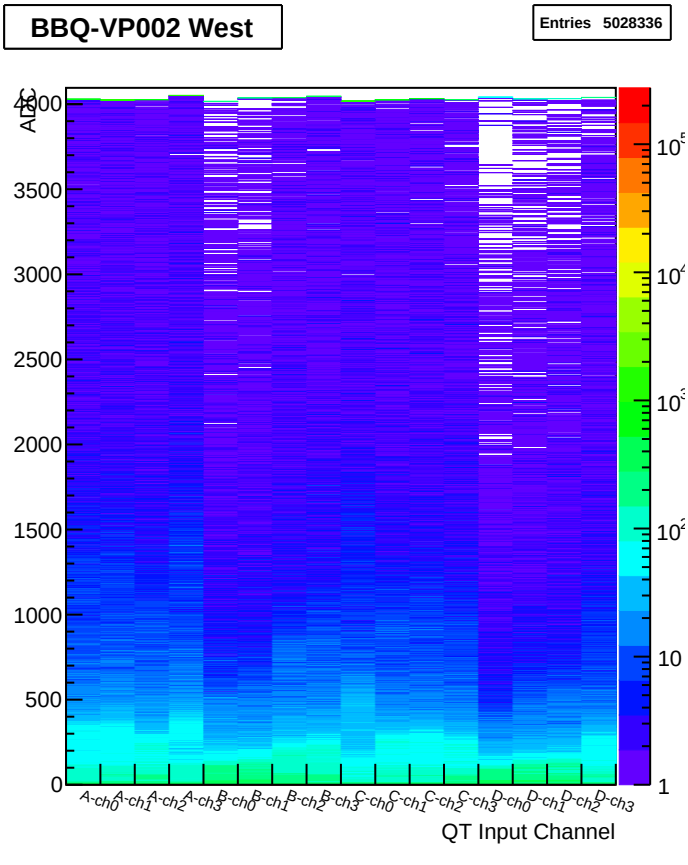

BBQ-BB002 (BBC west small tiles TAC)
Entries 5028336
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

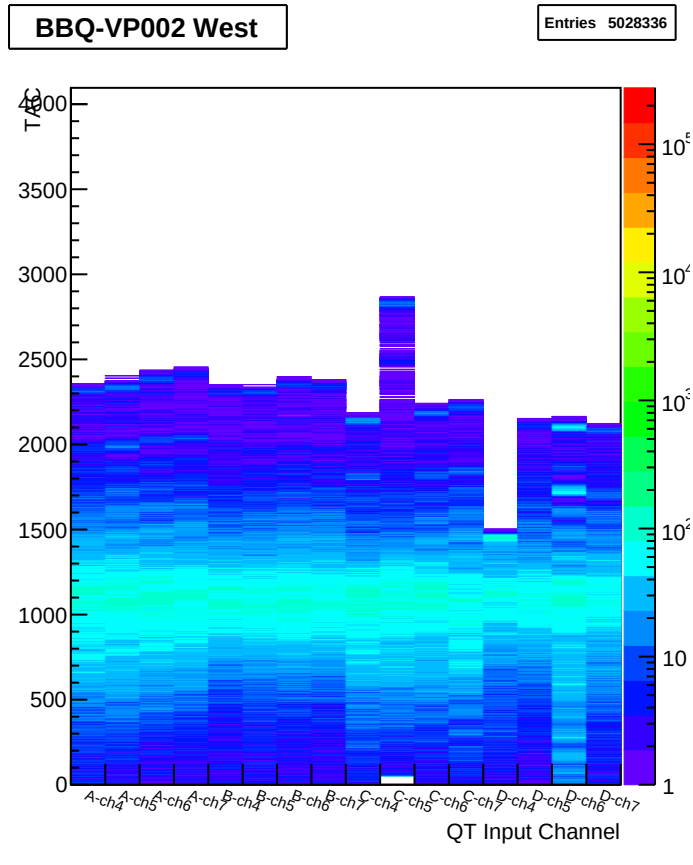

BBQ-ZD001 (ZDC TOWER)
Entries 5028336
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

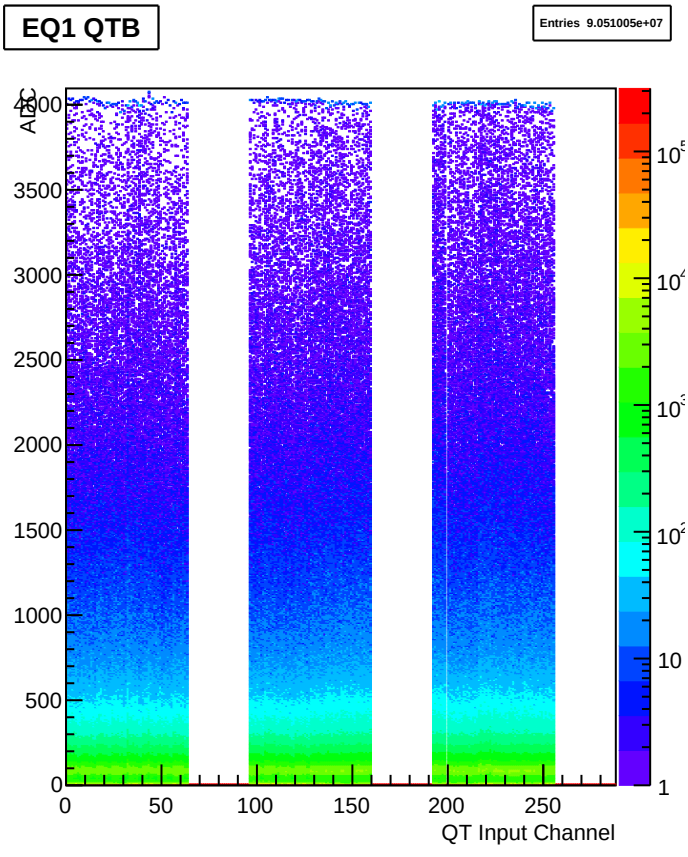

BBQ-ZD001 (ZDC TOWER)
Entries 5028336
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

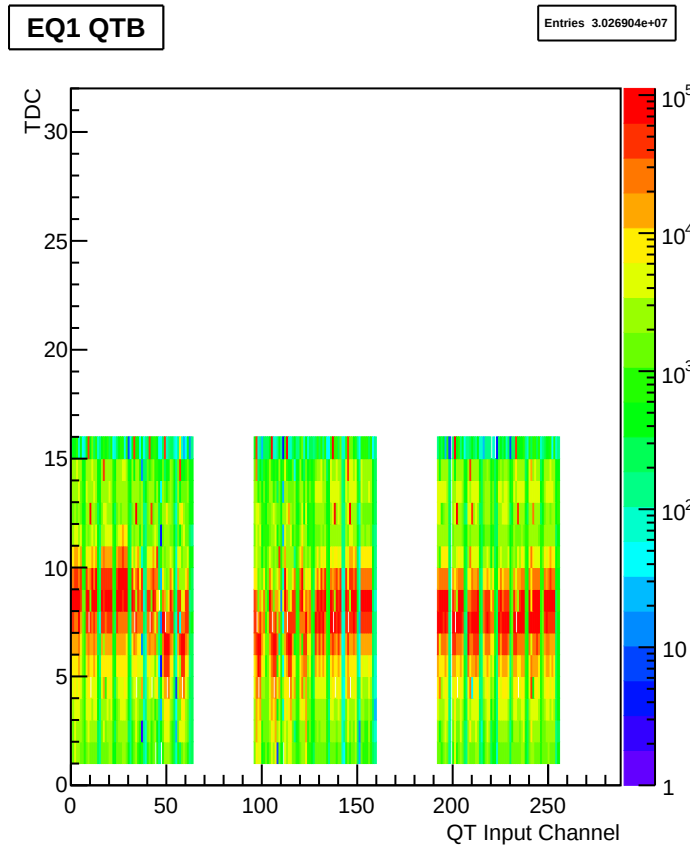

BBQ-VP001 East
Entries 5028336
ADC
QT Input Channel

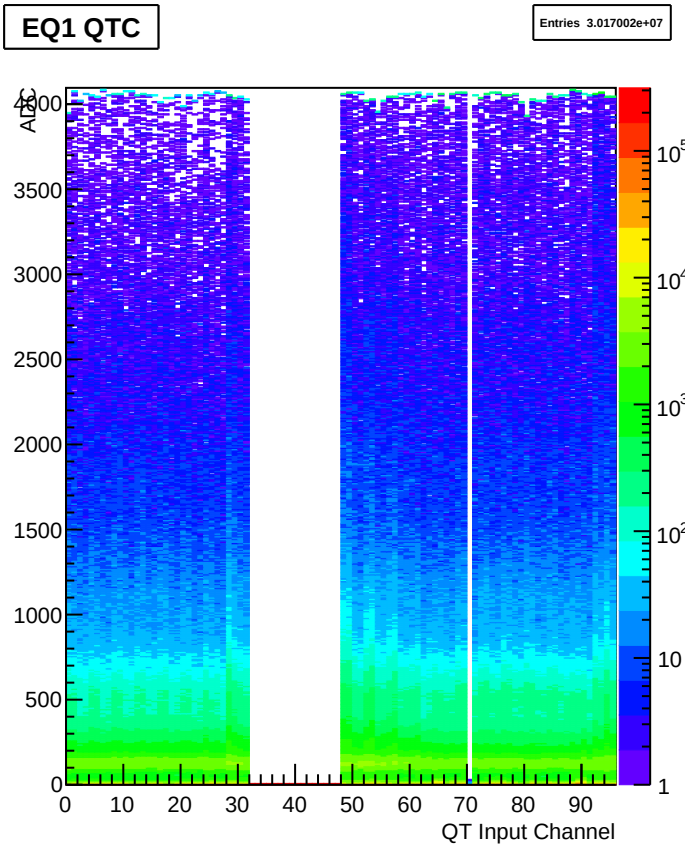

BBQ-VP001 East
Entries 5028336
TAC
QT Input Channel

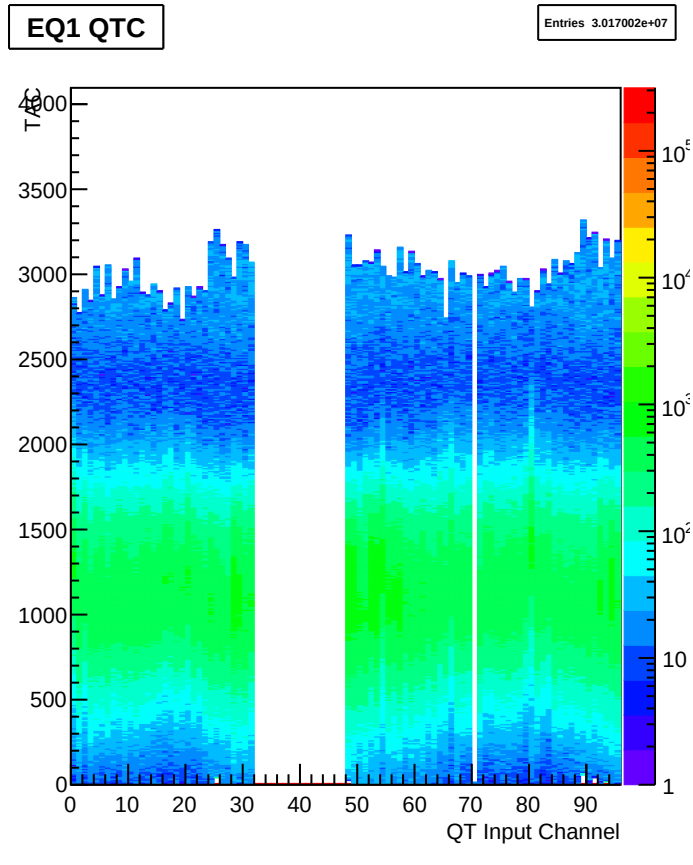

BBQ-VP002 West
Entries 5028336
ADC
QT Input Channel

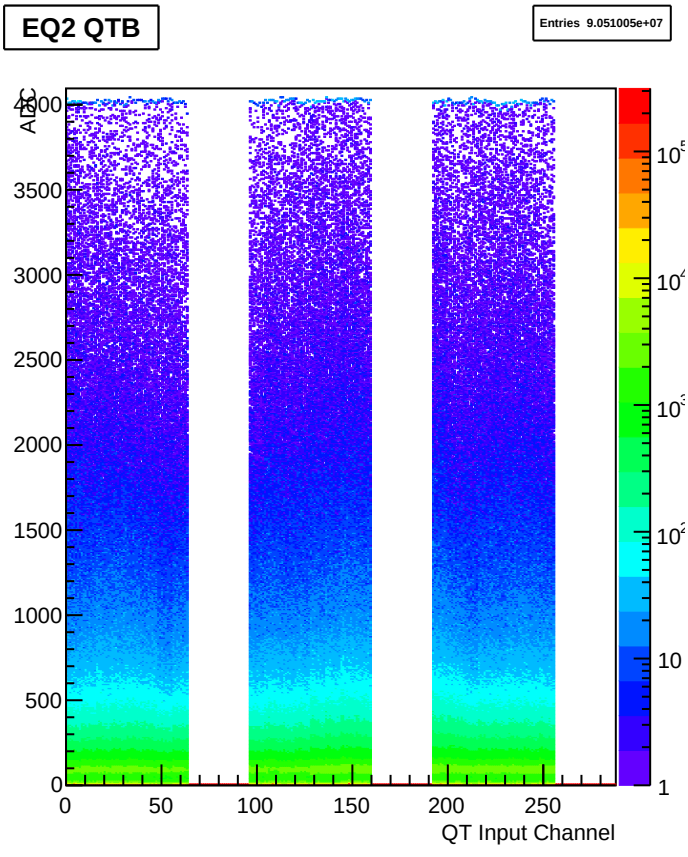

BBQ-VP002 West
Entries 5028336
TAC
QT Input Channel

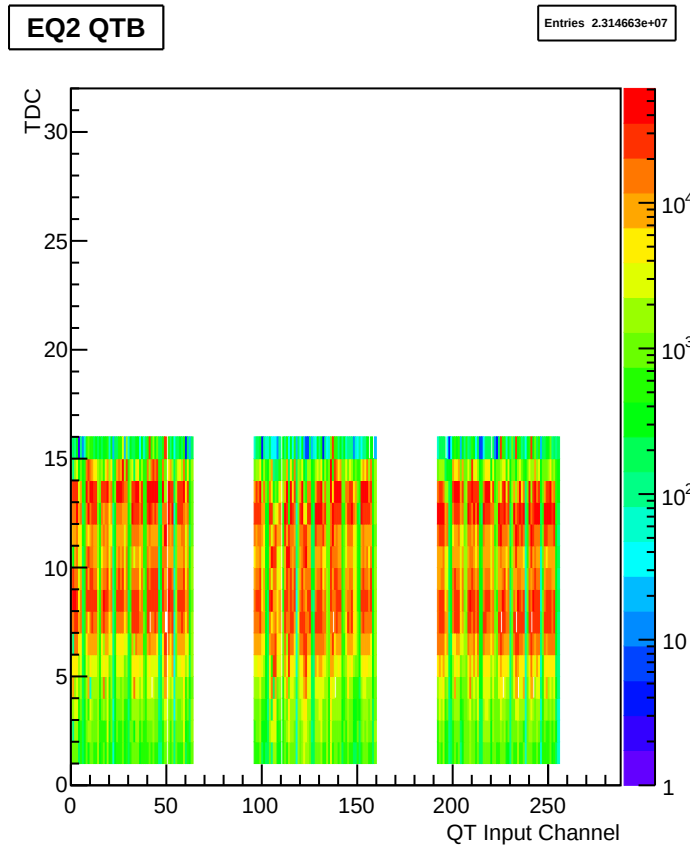

EQ1 QTB
Entries 9.051005e+07
ADC
QT Input Channel

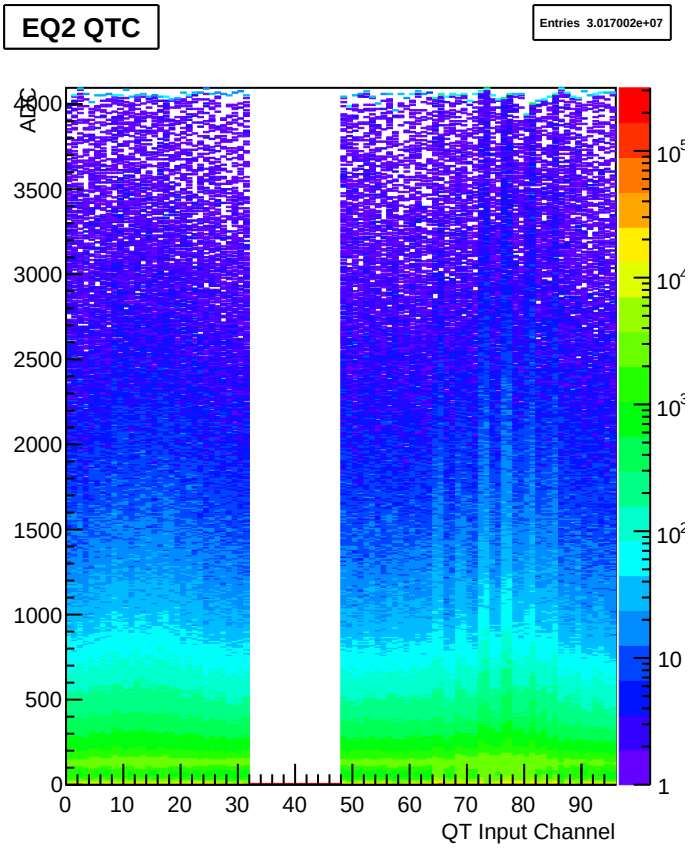

EQ1 QTB
Entries 3.026904e+07
TDC
QT Input Channel

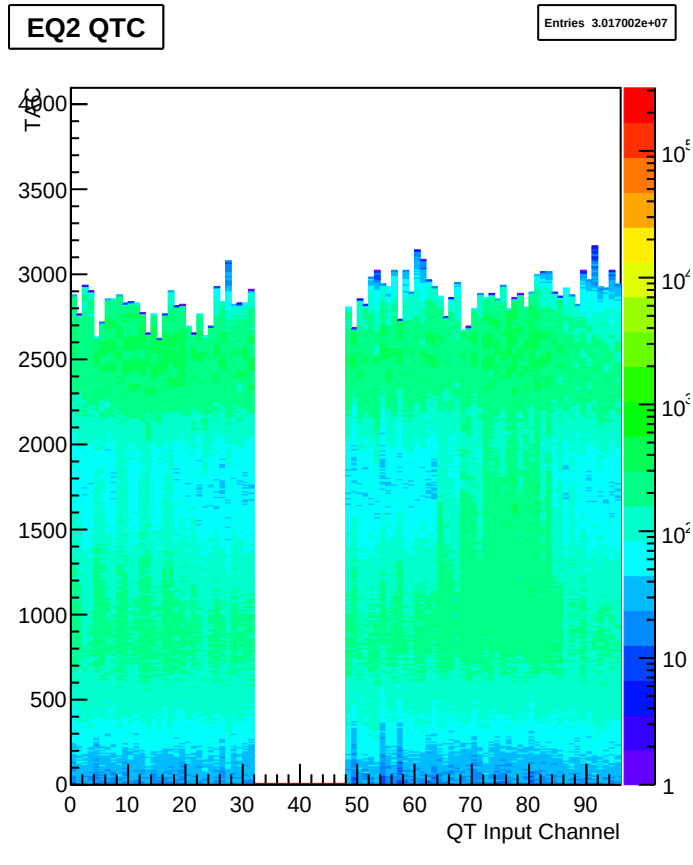

EQ1 QTC
Entries 3.017002e+07
ADC
QT Input Channel

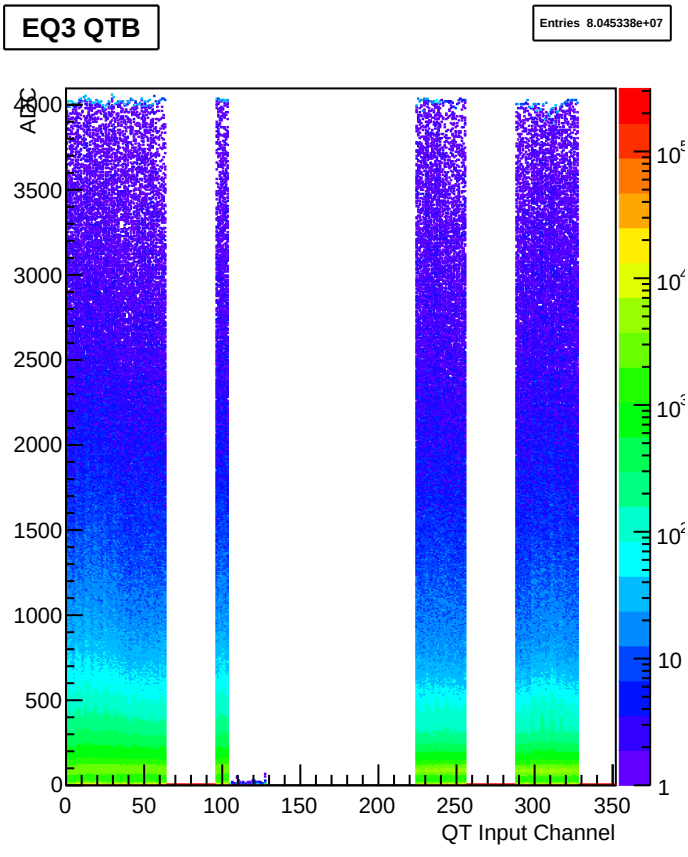

EQ1 QTC
Entries 3.017002e+07
TADC
QT Input Channel

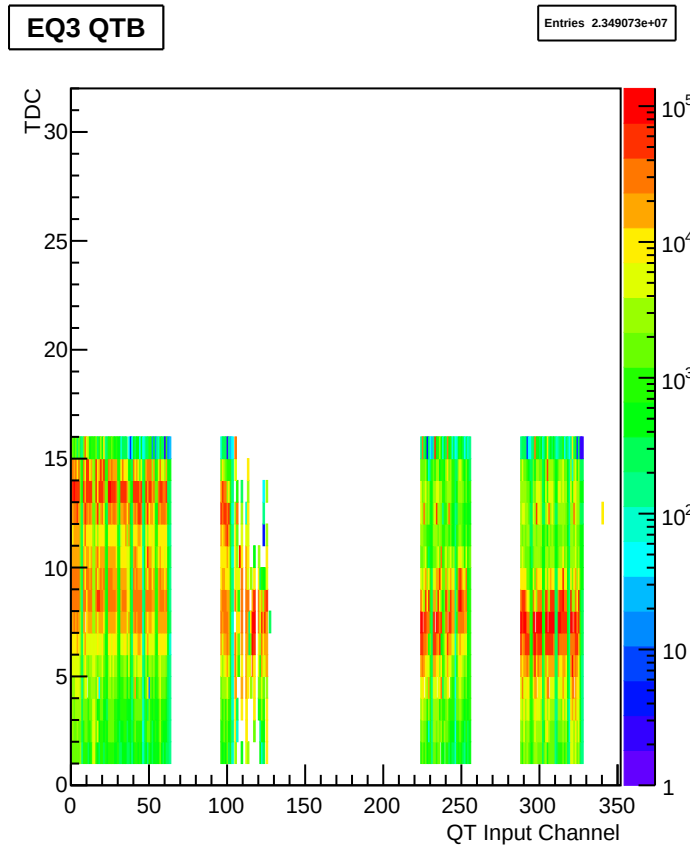

EQ2 QTB
Entries 9.051005e+07
ADC
QT Input Channel

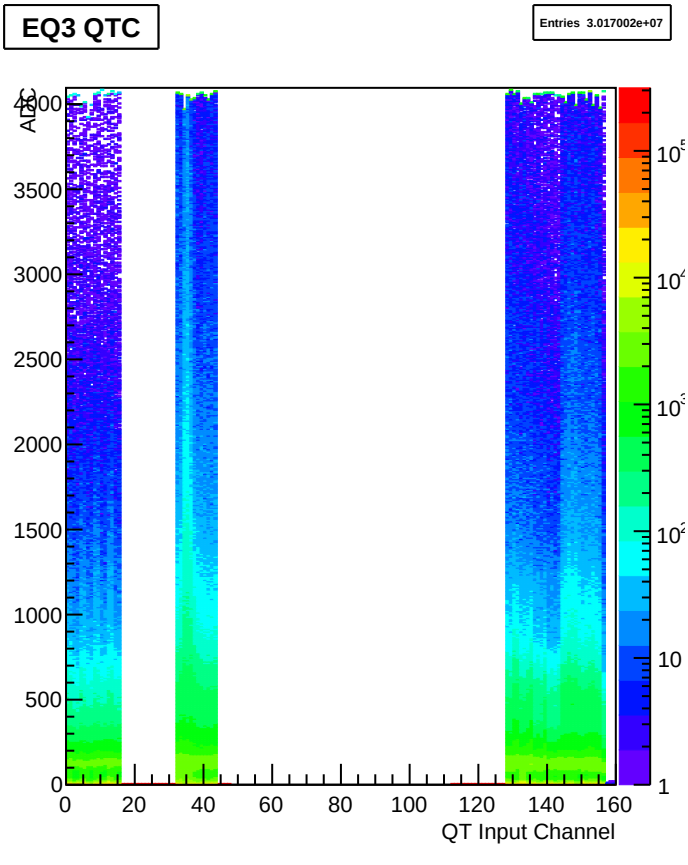

EQ2 QTB
Entries 2.314663e+07
TDC
QT Input Channel

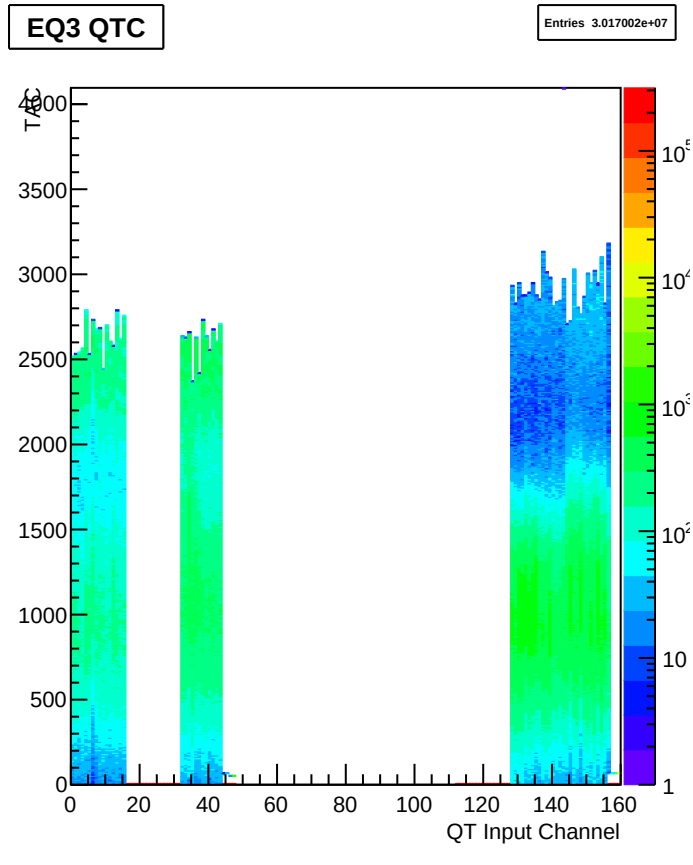

EQ2 QTC
Entries 3.017002e+07
ADC
QT Input Channel

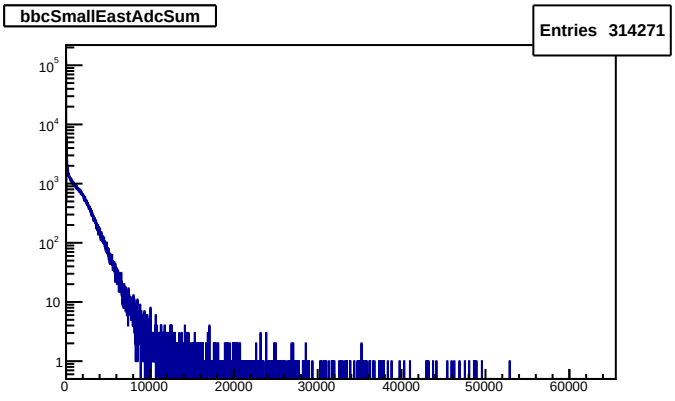

EQ2 QTC
Entries 3.017002e+07
TADC
QT Input Channel

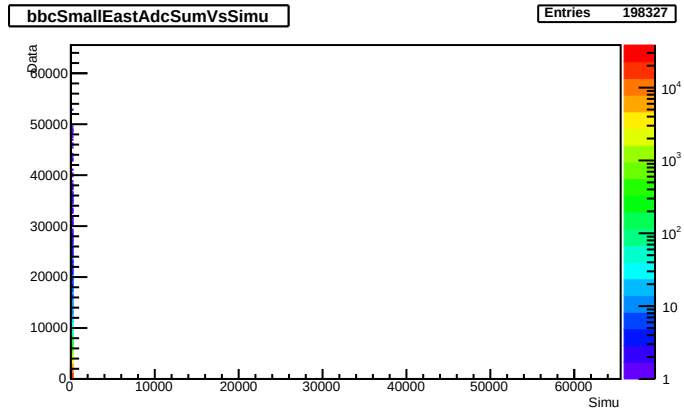

EQ3 QTB
Entries 8.045338e+07
ADC
QT Input Channel

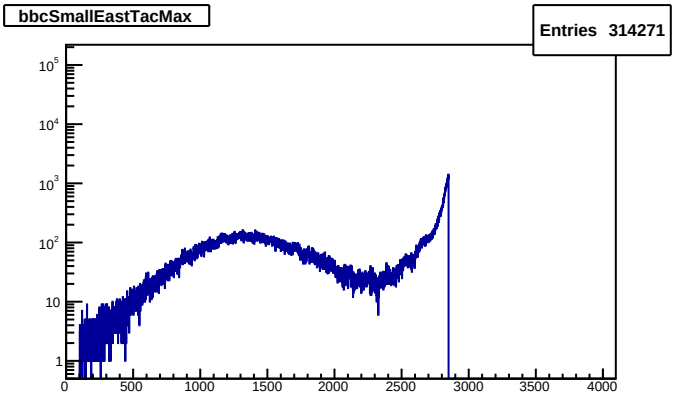

EQ3 QTB
Entries 2.349073e+07
TDC
QT Input Channel

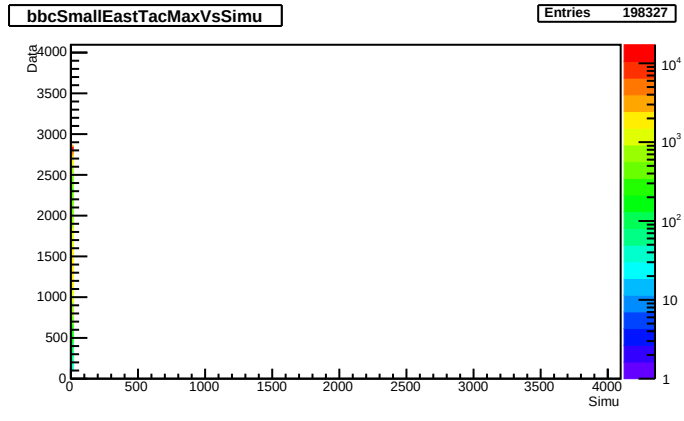

EQ3 QTC
Entries 3.017002e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.017002e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 314271


bbcSmallEastAdcSumVsSimu
Entries 198327
Data
Simu


bbcSmallEastTacMax
Entries 314271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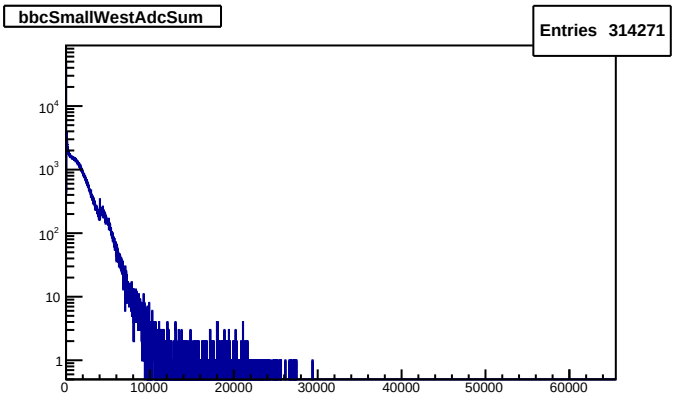
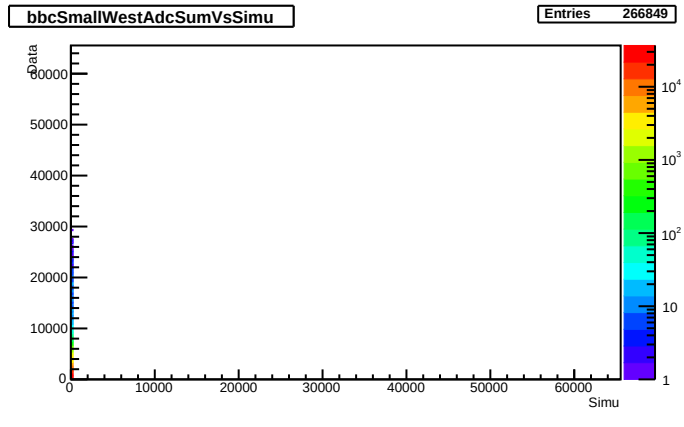
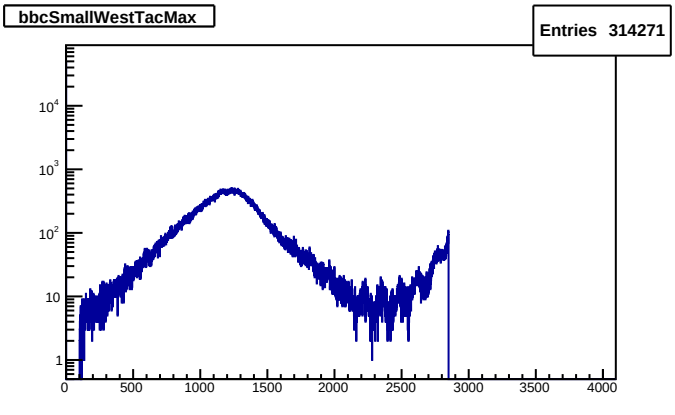
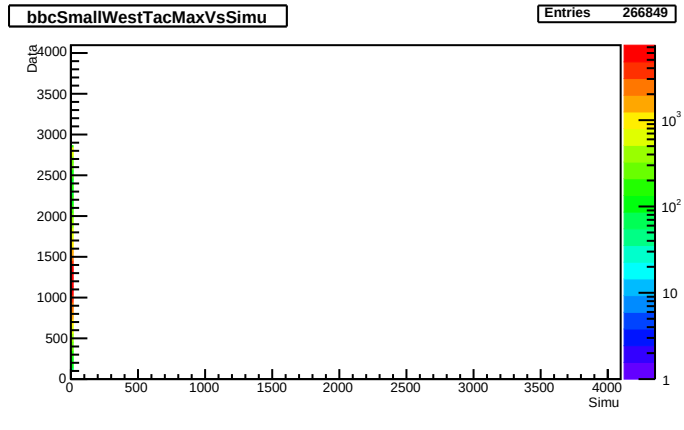
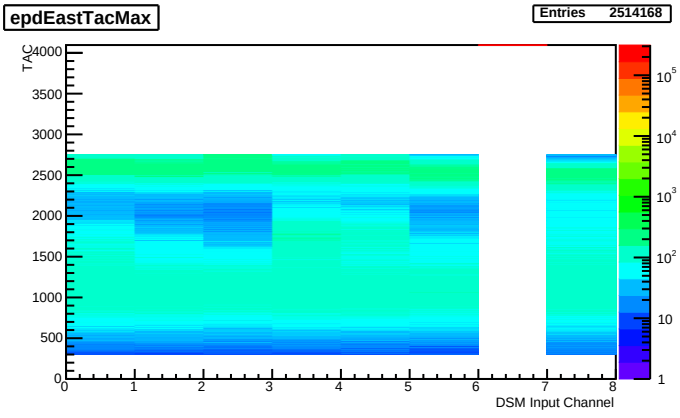
Entries 198327
Data
Simu

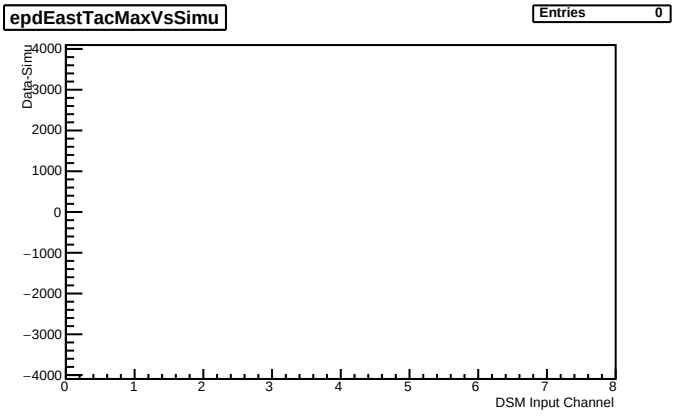

bbcSmallWestAdcSum
Entries 314271

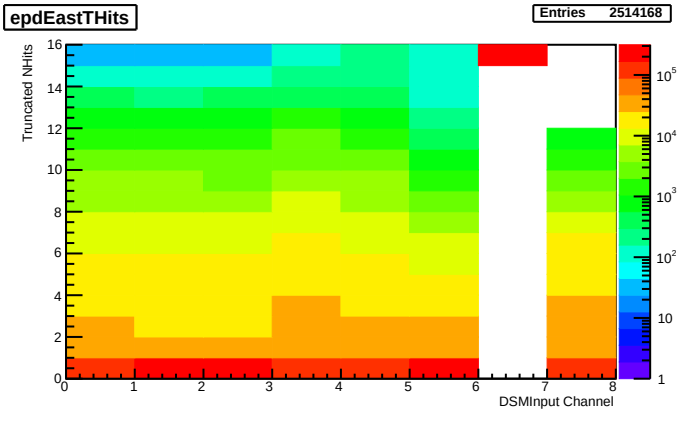

bbcSmallWestAdcSumVsSimu
Entries 266849
Data
Simu

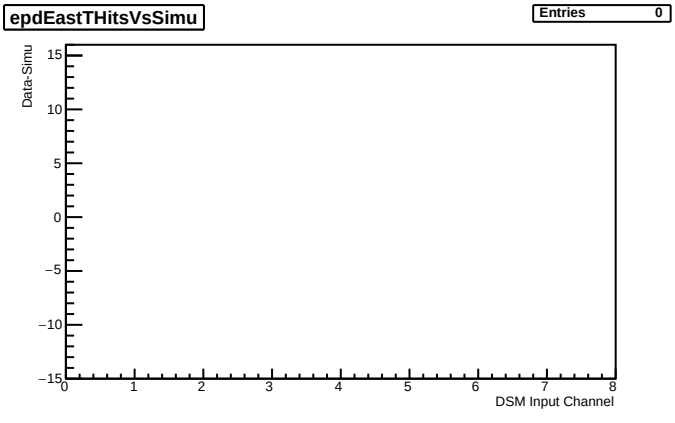

bbcSmallWestTacMax
Entries 314271

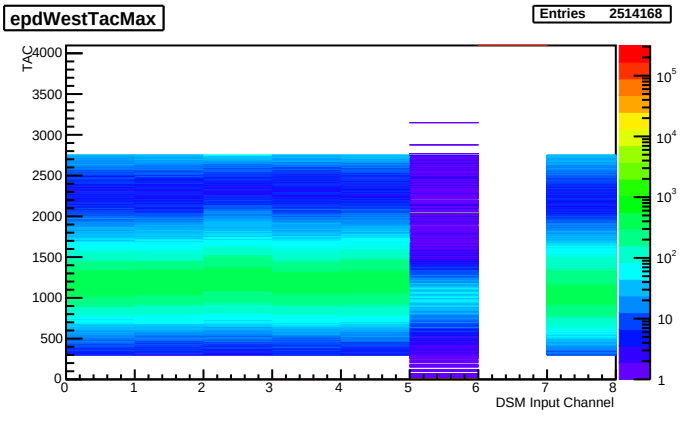

bbcSmallWestTacMaxVsSimu
Entries 266849
Data
Simu

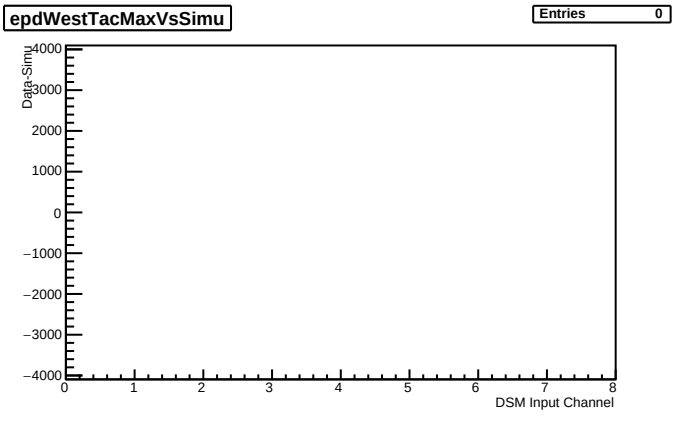

epdEastTacMax
Entries 2514168
TAC
DSM Input Channel

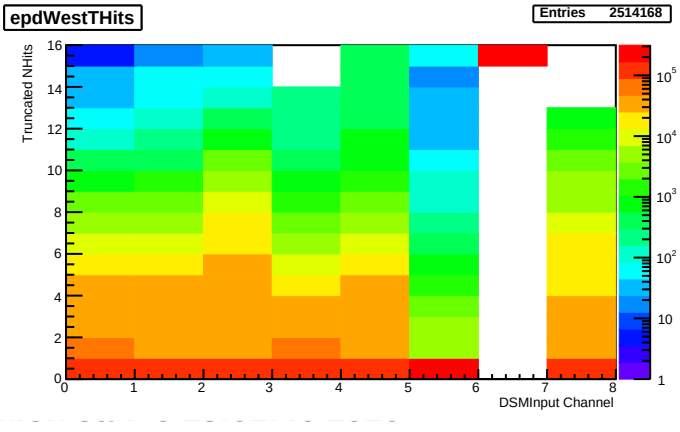

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

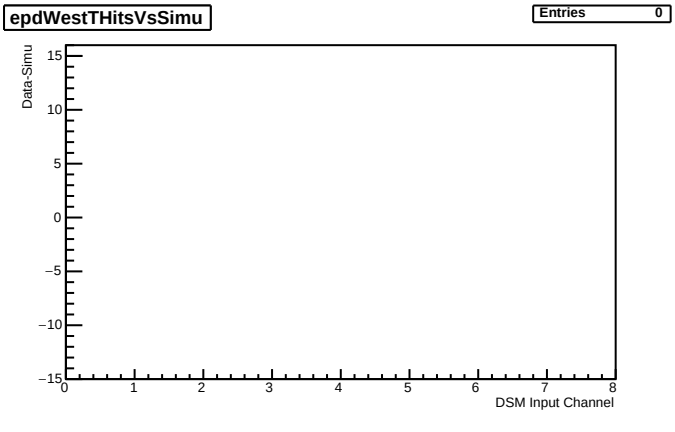

epdEastTHits
Entries 2514168
Truncated NHits
DSMInput Channel

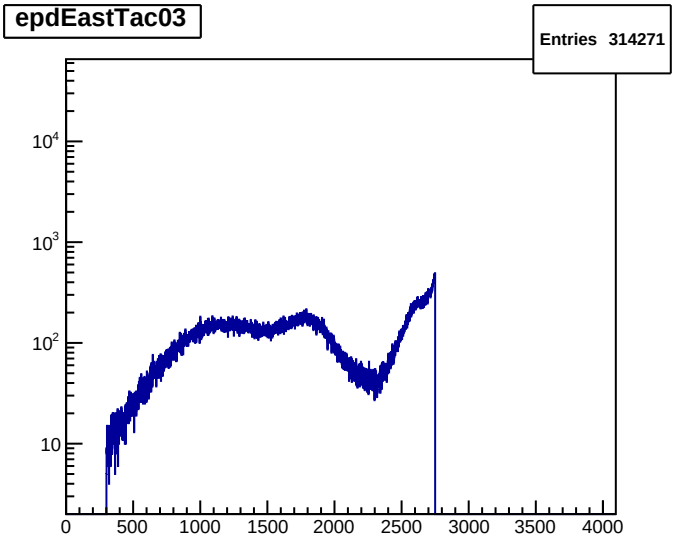

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

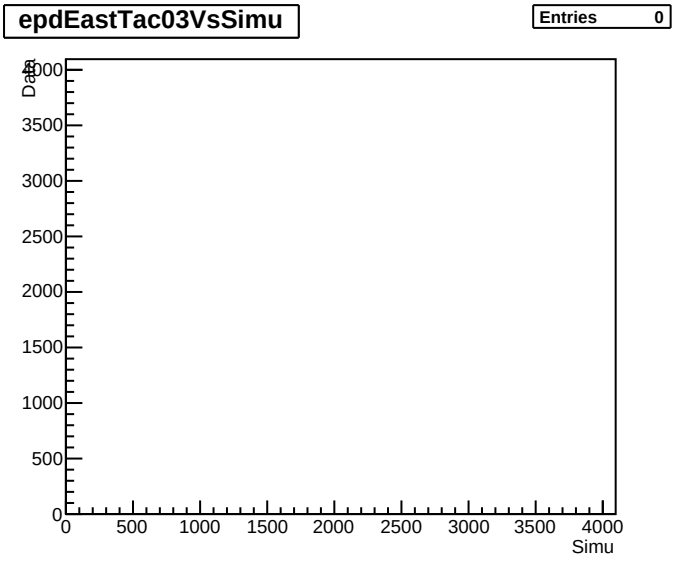

epdWestTacMax
Entries 2514168
TAC
DSM Input Channel

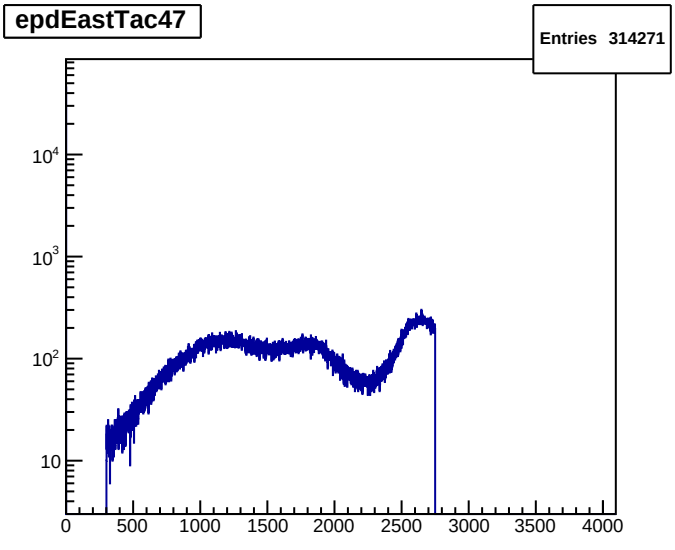

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

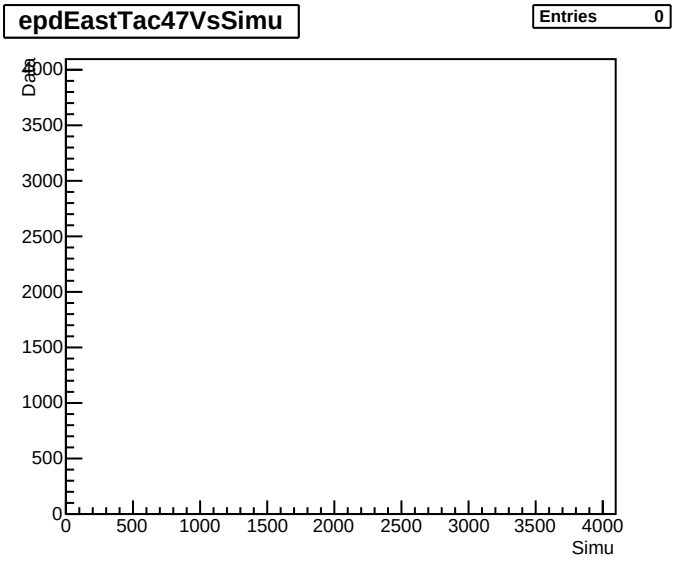

epdWestTHits
Entries 2514168
Truncated NHits
DSMInput Channel

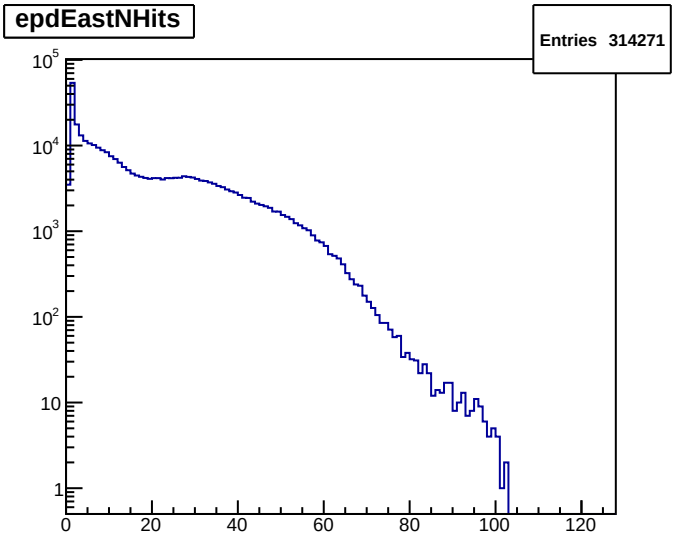

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

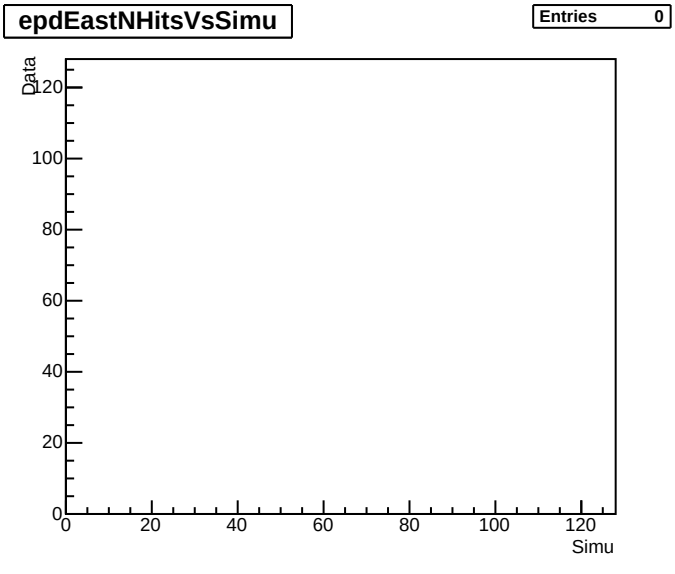

epdEastTac03
Entries 314271


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 314271


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 314271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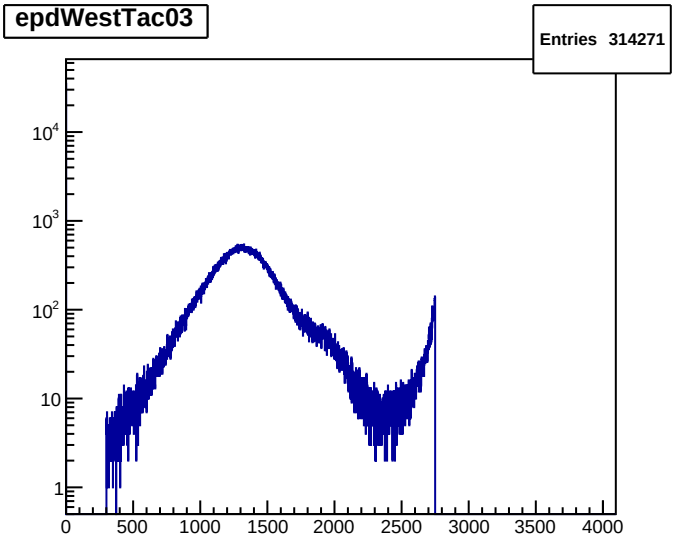
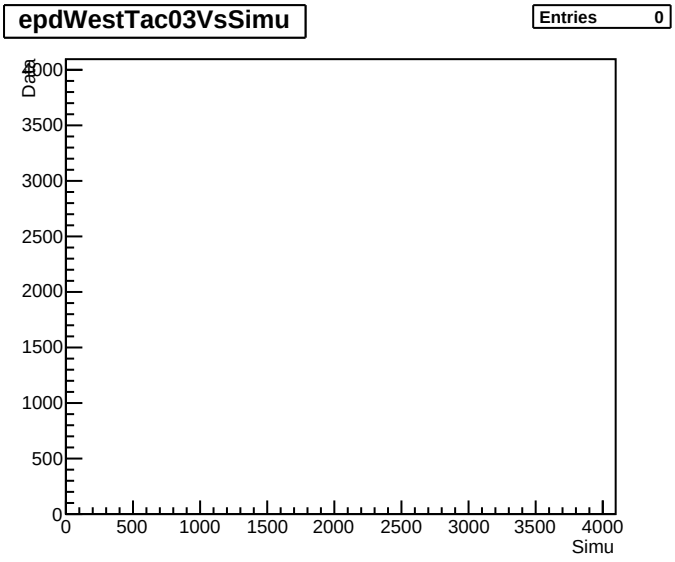
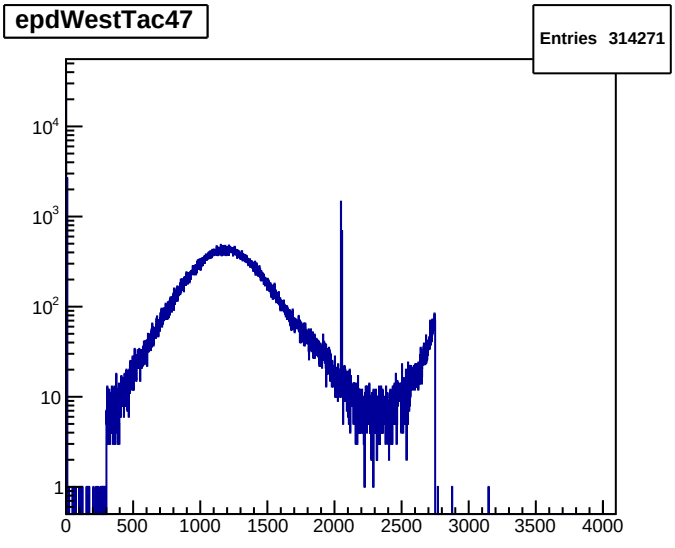
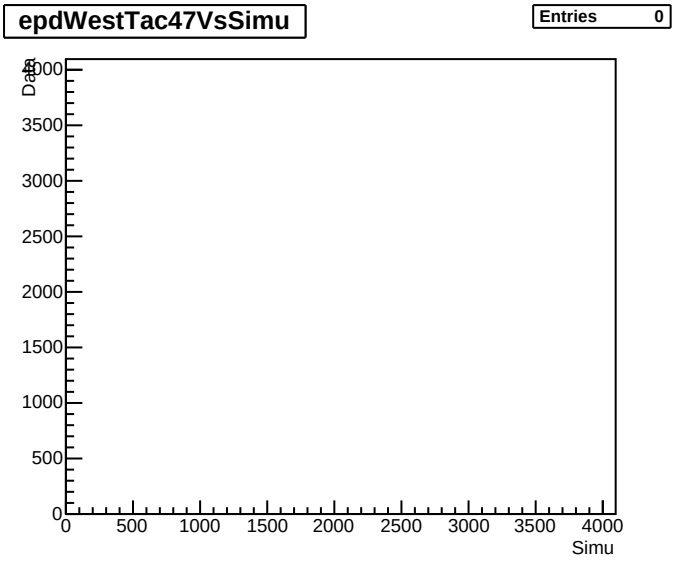
Entries 0
Data
Simu


epdWestTac03
Entries 314271


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 314271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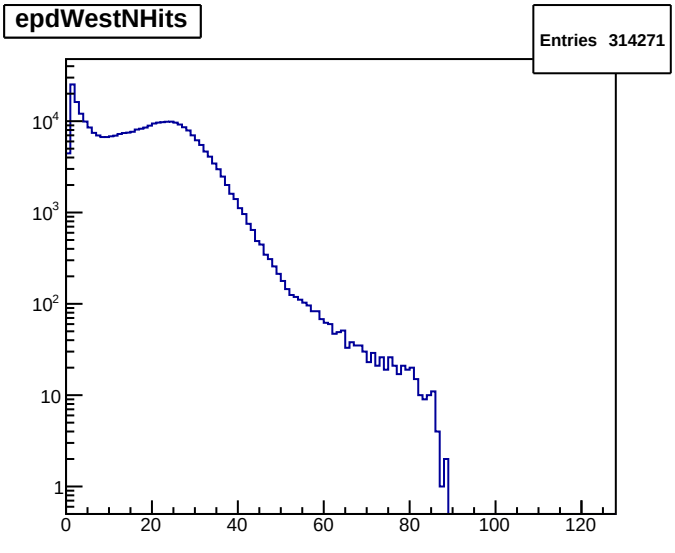
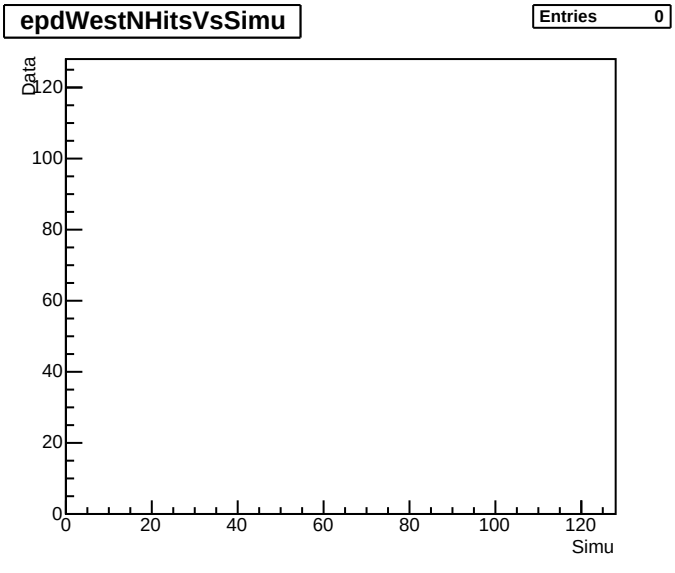
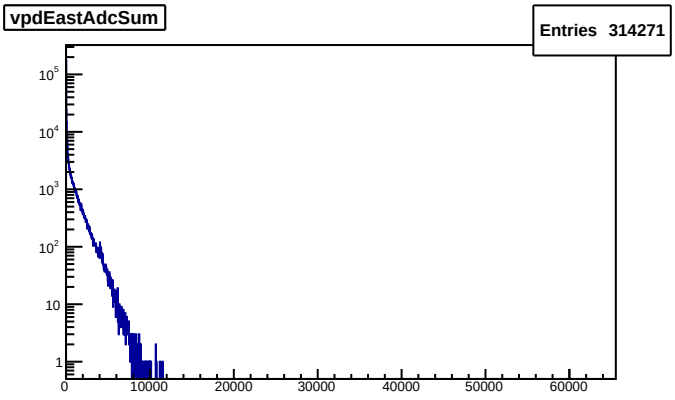
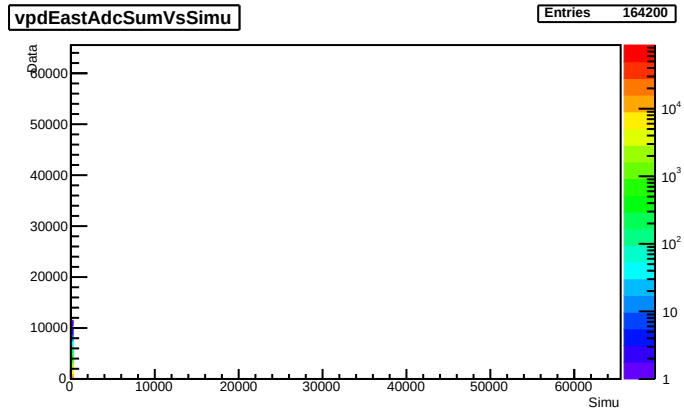
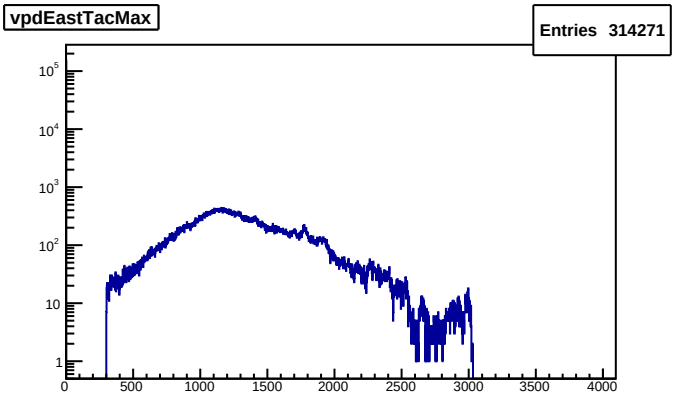
Entries 0
Data
Simu

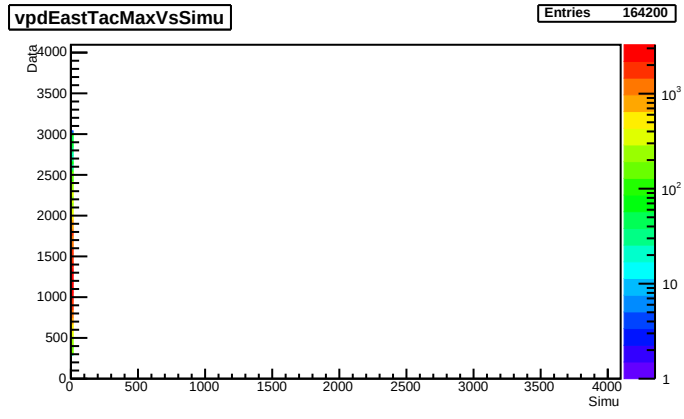

epdWestNHits
Entries 314271

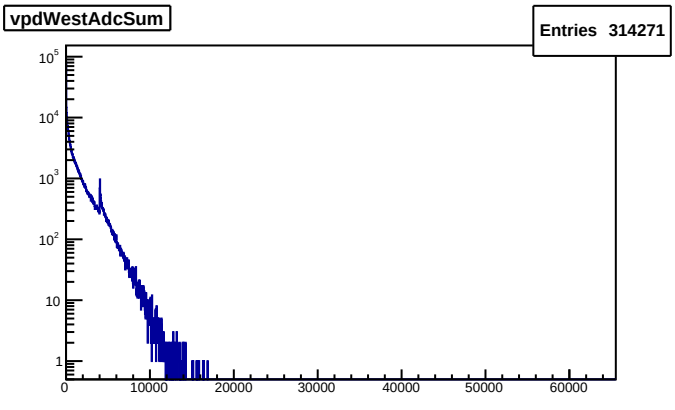

epdWestNHitsVsSimu
Entries 0
Data
Simu

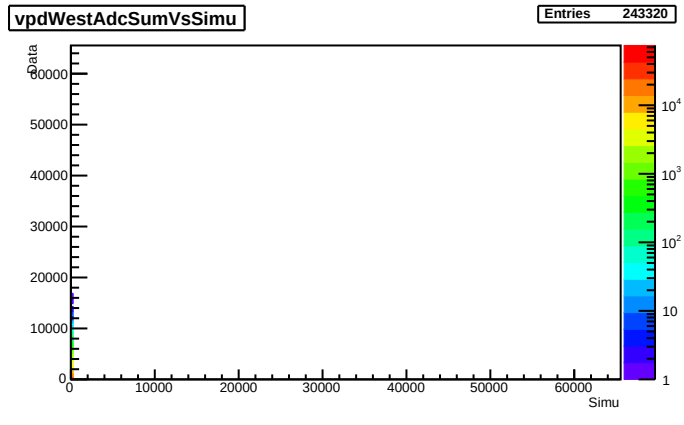

vpdEastAdcSum
Entries 314271

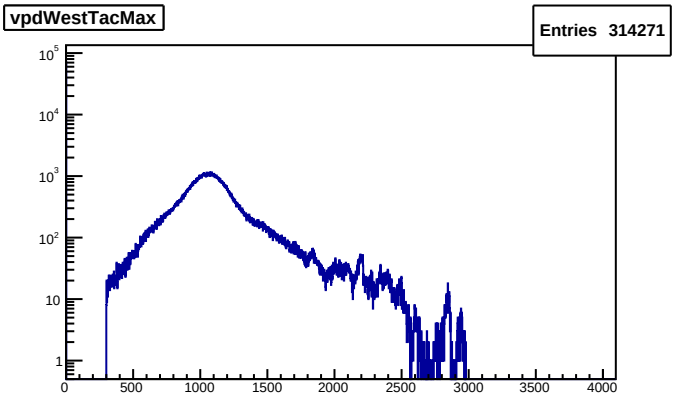

vpdEastAdcSumVsSimu
Entries 164200
Data
Simu

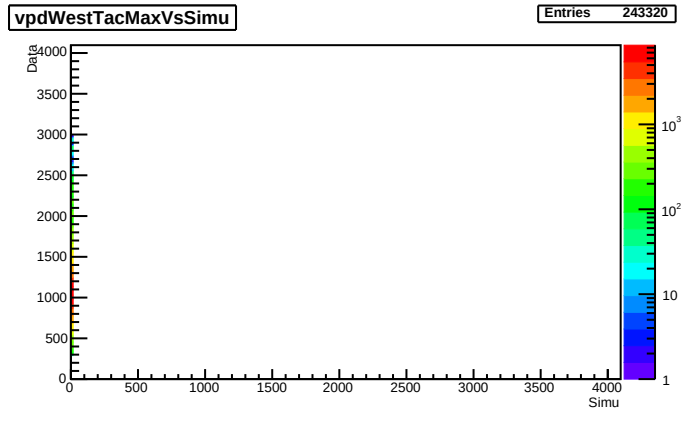

vpdEastTacMax
Entries 314271

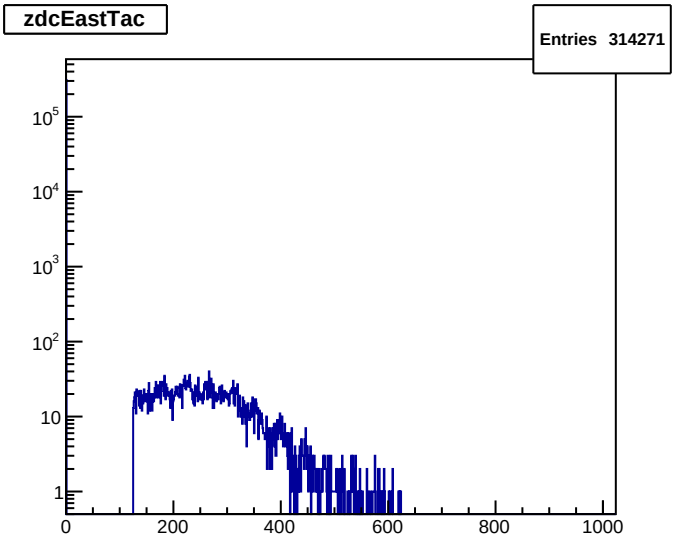

vpdEastTacMaxVsSimu
Entries 164200
Data
Simu

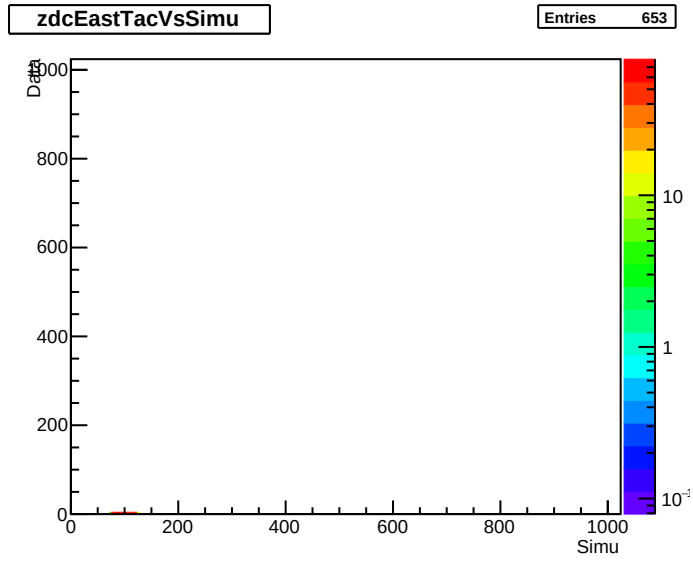

vpdWestAdcSum
Entries 314271

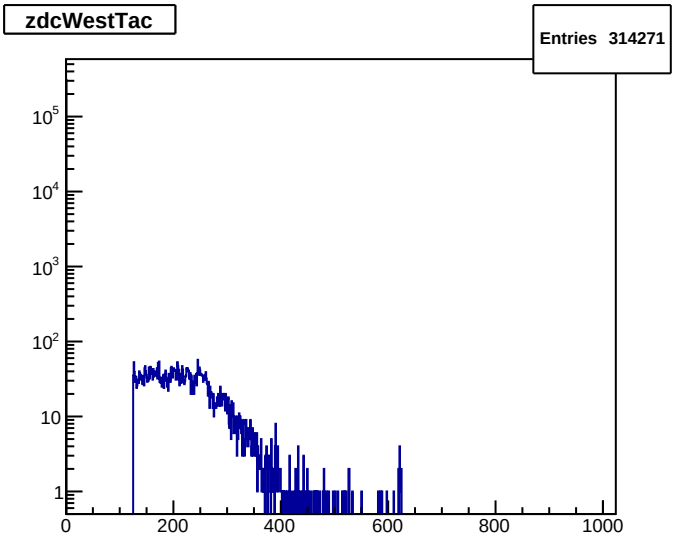

vpdWestAdcSumVsSimu
Entries 243320
Data
Simu

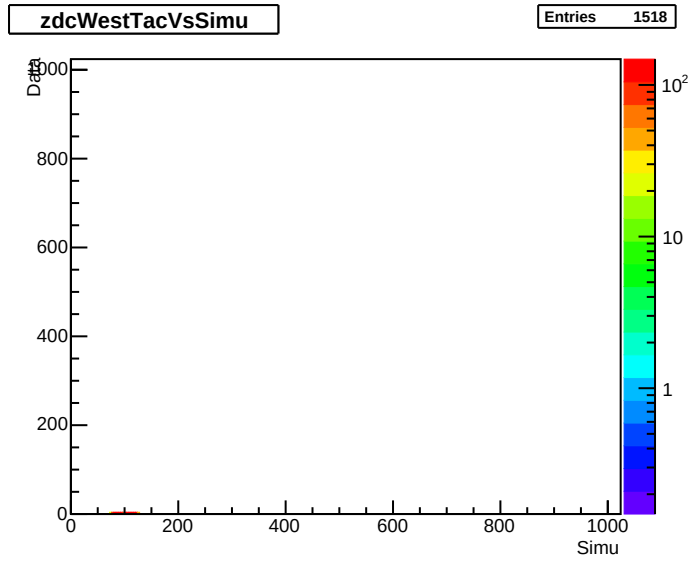

vpdWestTacMax
Entries 314271

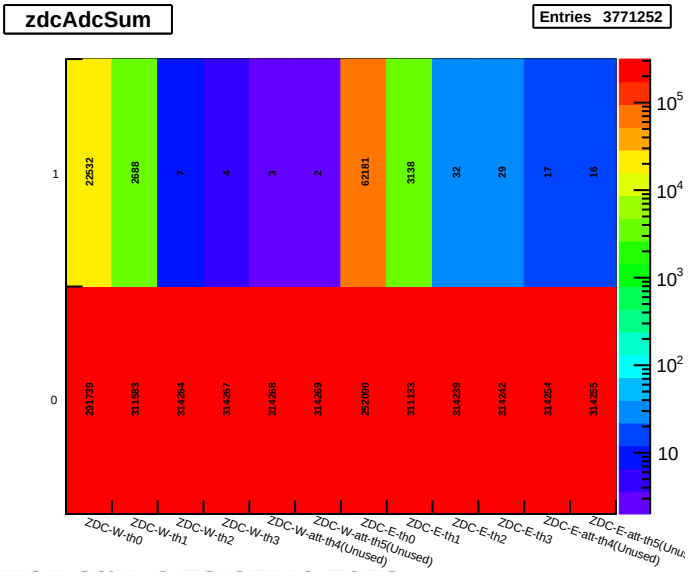

vpdWestTacMaxVsSimu
Entries 243320
Data
Simu

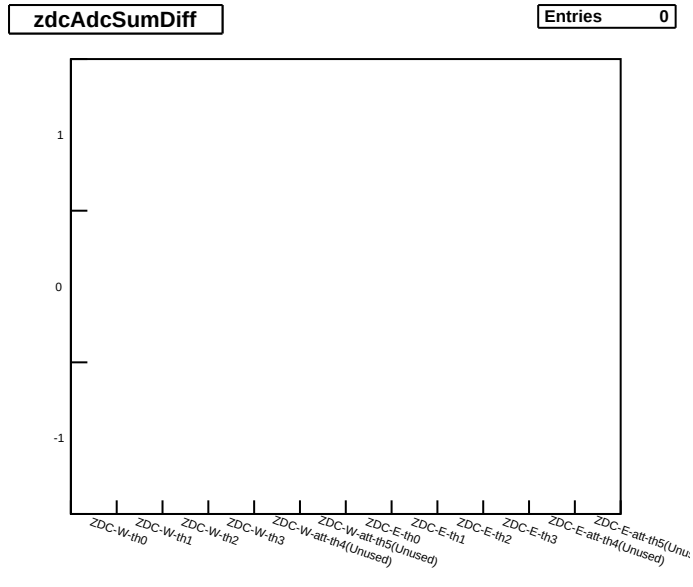

zdcEastTac
Entries 314271

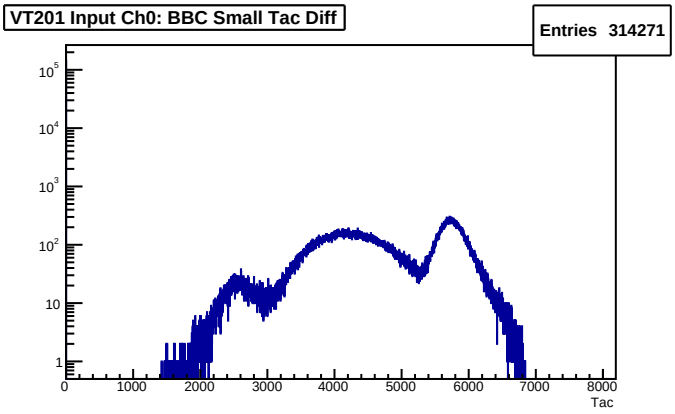

zdcEastTacVsSimu
Entries 653
Data
Simu

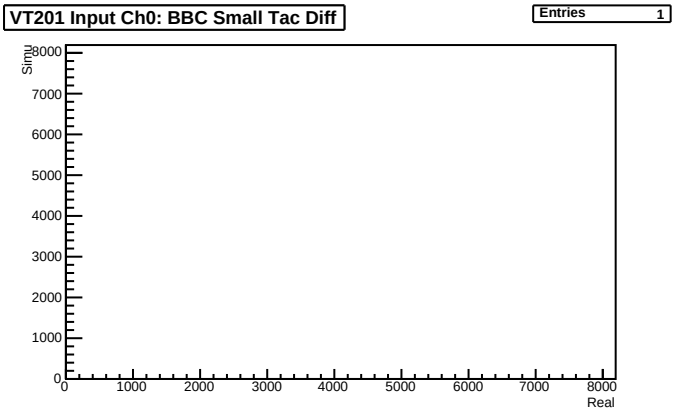

zdcWestTac
Entries 314271

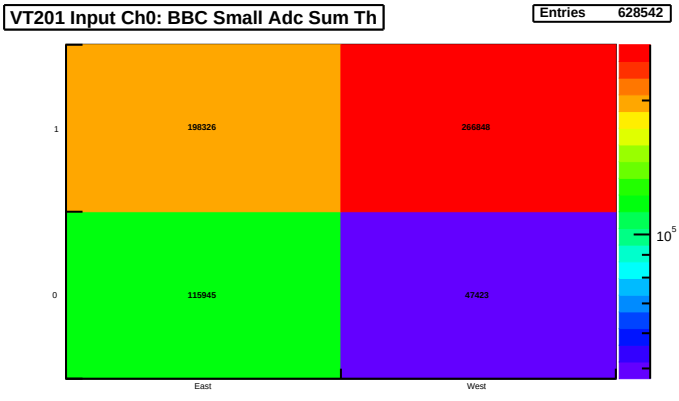

zdcWestTacVsSimu
Entries 1518
Data
Simu

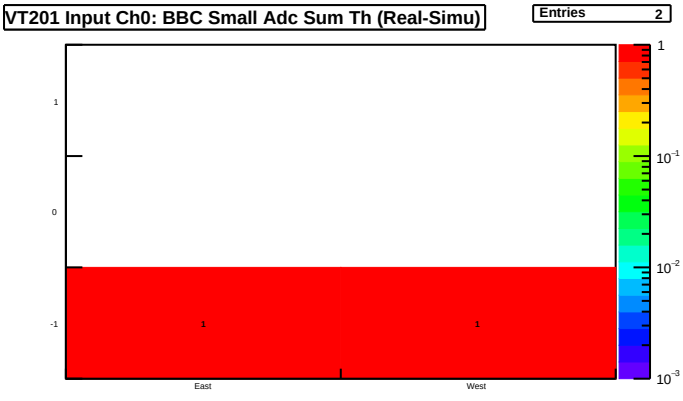

zdcAdcSum
Entries 3771252
22532
2688
7
4
3
2
62181
3138
32
29
17
16
291739
311583
314264
314267
314268
314269
292090
311133
314239
314242
314254
314255
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

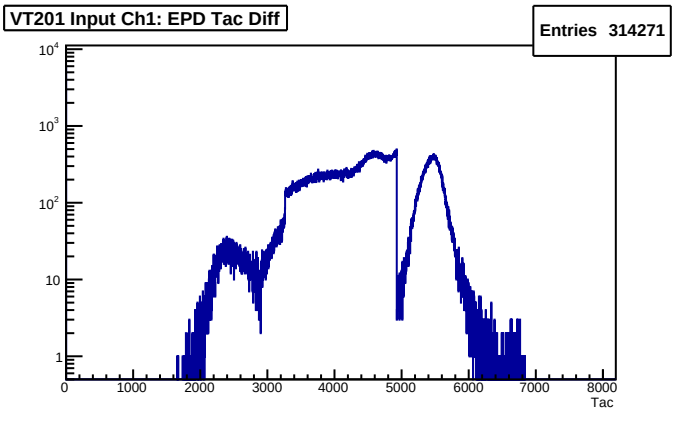

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

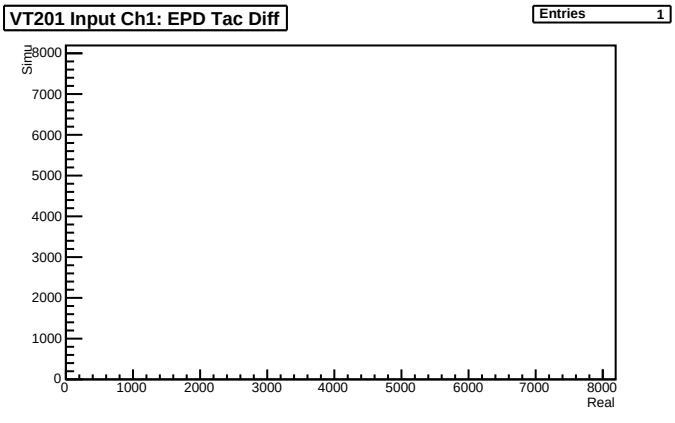

VT201 Input Ch0: BBC Small Tac Diff
Entries 314271
Tac

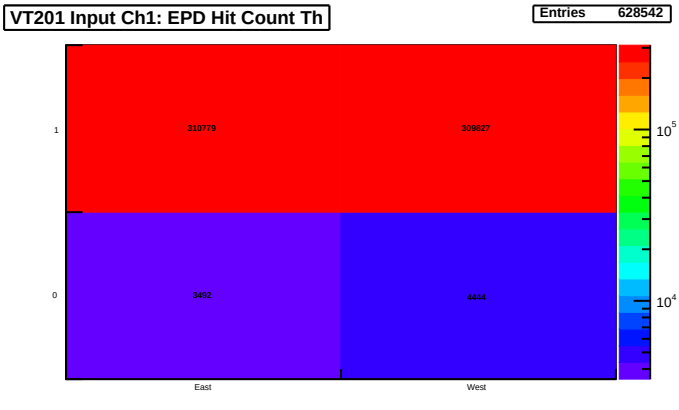

VT201 Input Ch0: BBC Small Tac Diff
Entries 1
Simu
Real

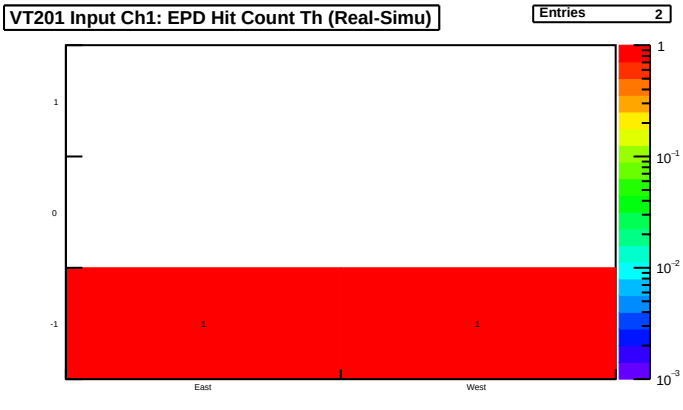

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 628542
198326
266848
115945
47423
East
West

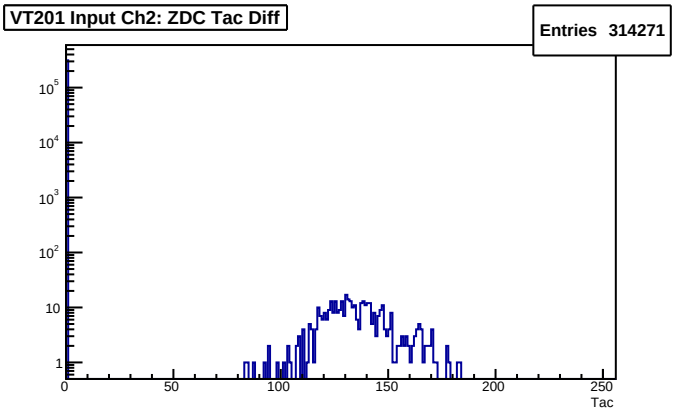

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 2
1
1
East
West

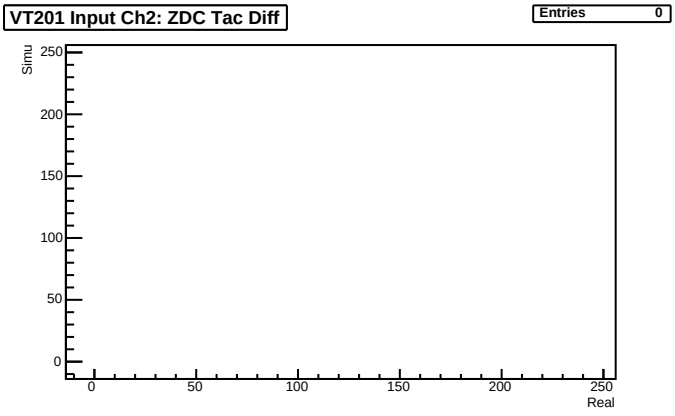

VT201 Input Ch1: EPD Tac Diff
Entries 314271
Tac

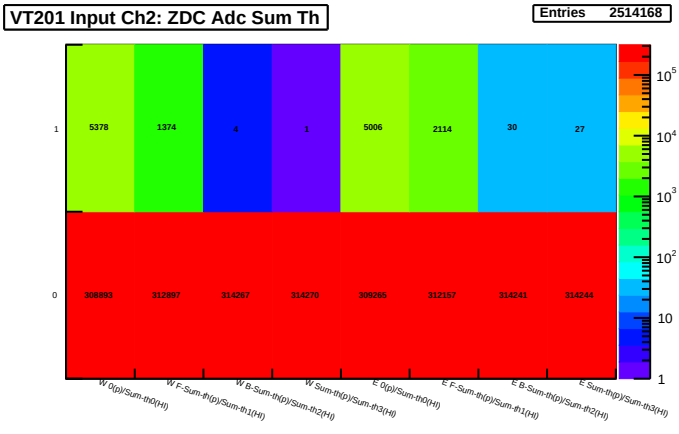

VT201 Input Ch1: EPD Tac Diff
Entries 1
Simu
Real

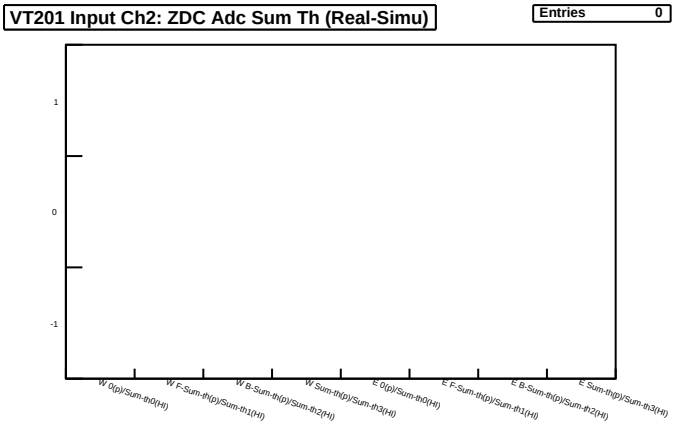

VT201 Input Ch1: EPD Hit Count Th
Entries 628542
310779
309827
3492
4444
East
West

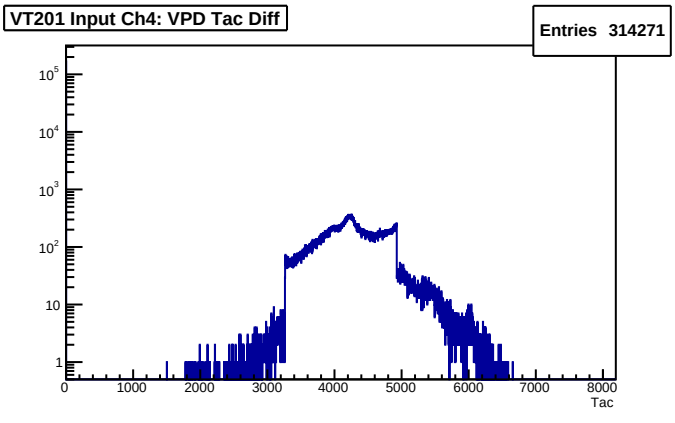

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 2
1
1
East
West

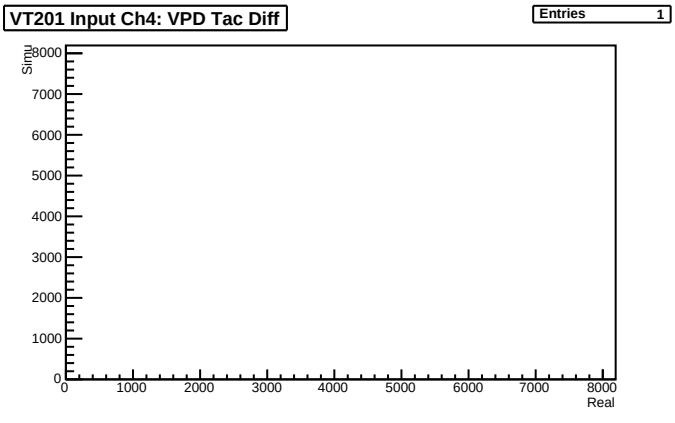

VT201 Input Ch2: ZDC Tac Diff
Entries 314271
Tac

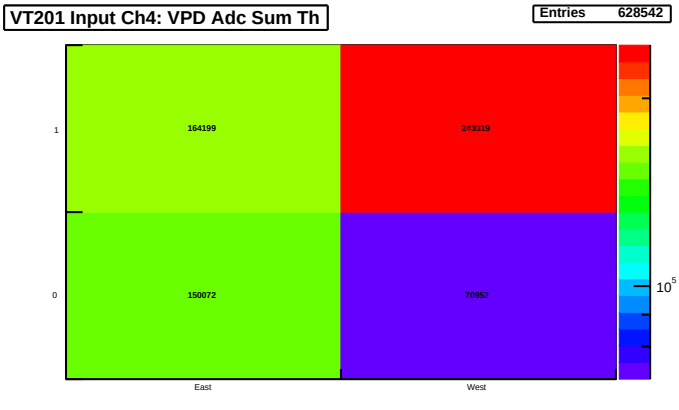

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

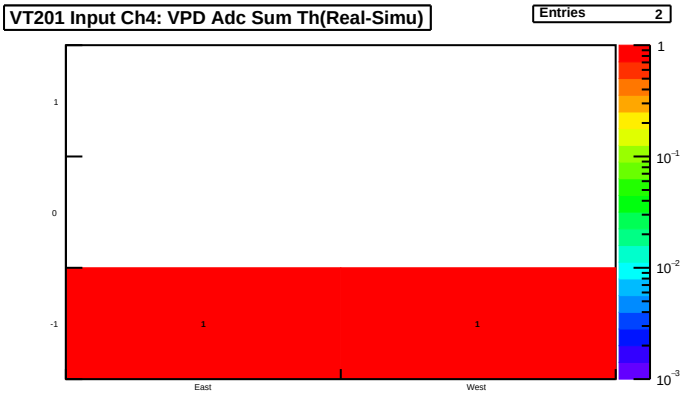

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2514168
5378
1374
4
1
5006
2114
30
27
308893
312897
314267
314270
309265
312157
314241
314244
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

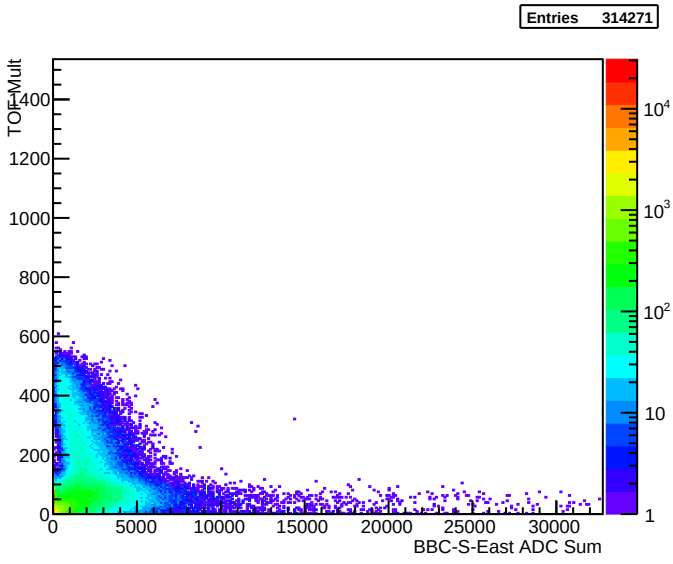

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

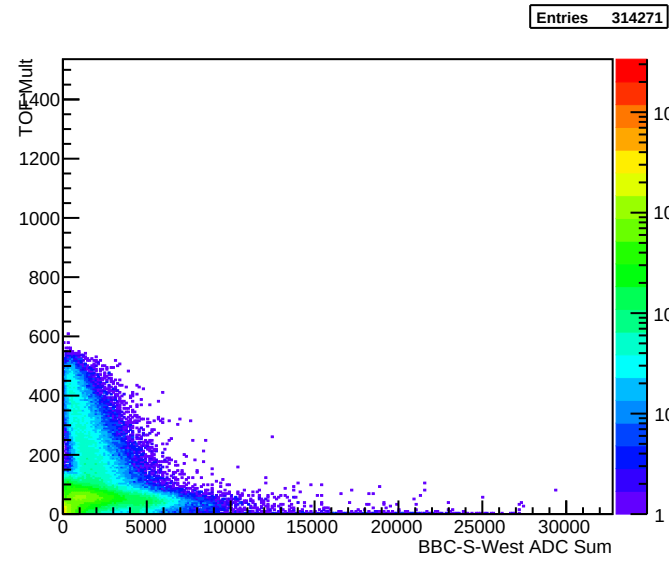

VT201 Input Ch4: VPD Tac Diff
Entries 314271
Tac

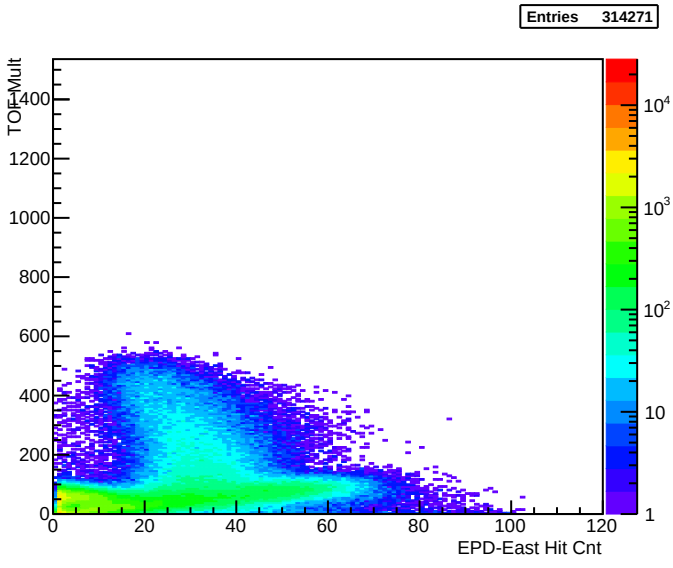

VT201 Input Ch4: VPD Tac Diff
Entries 1
Simu
Real

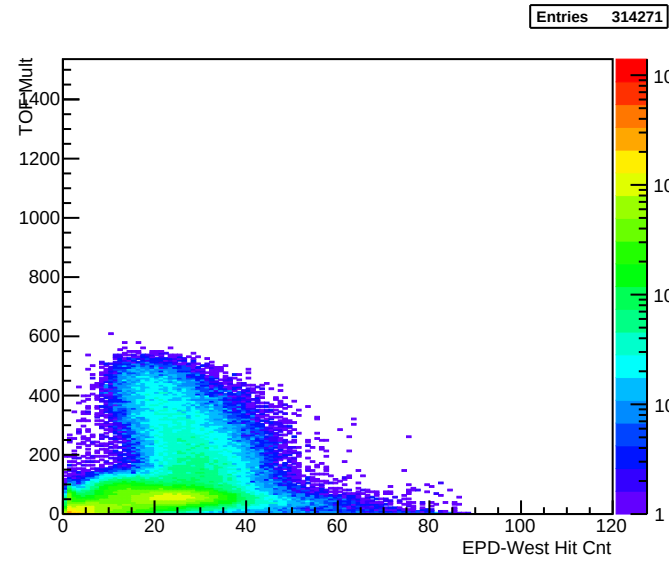

VT201 Input Ch4: VPD Adc Sum Th
Entries 628542
164199
243319
150072
70952
East
West

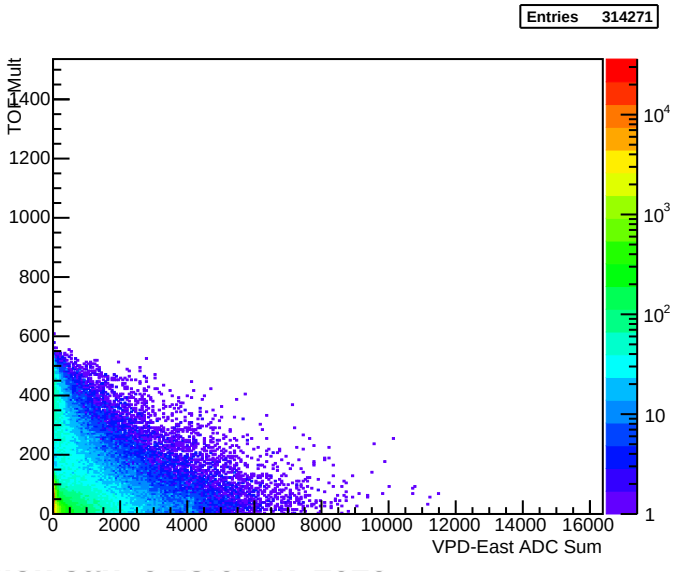

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 2
1
1
East
West

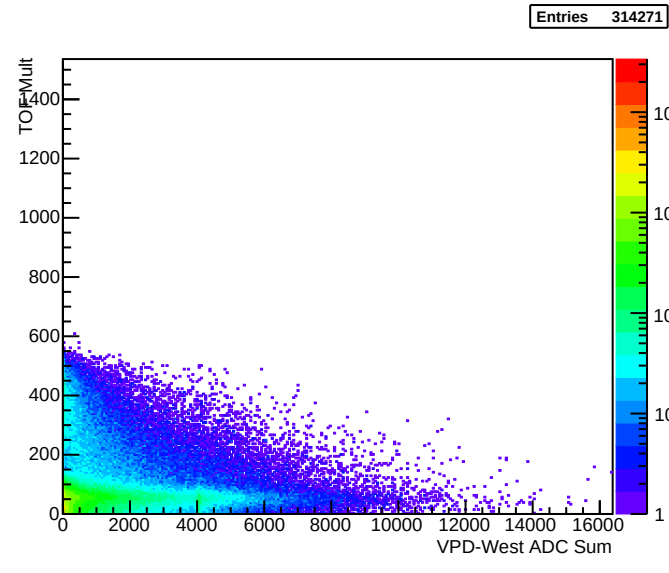

Entries 314271
TOF-Mult
BBC-S-East ADC Sum

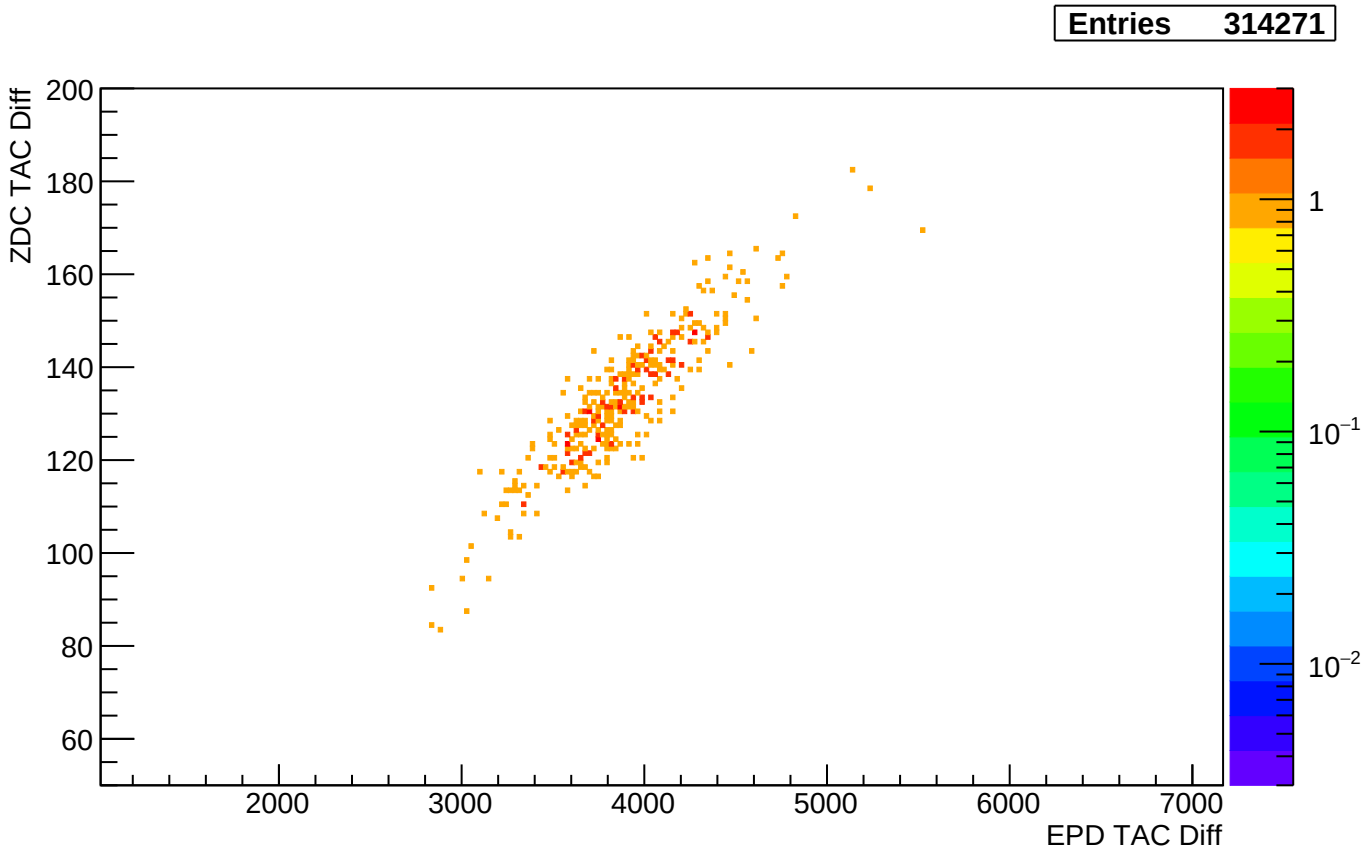

Entries 314271
TOF-Mult
BBC-S-West ADC Sum

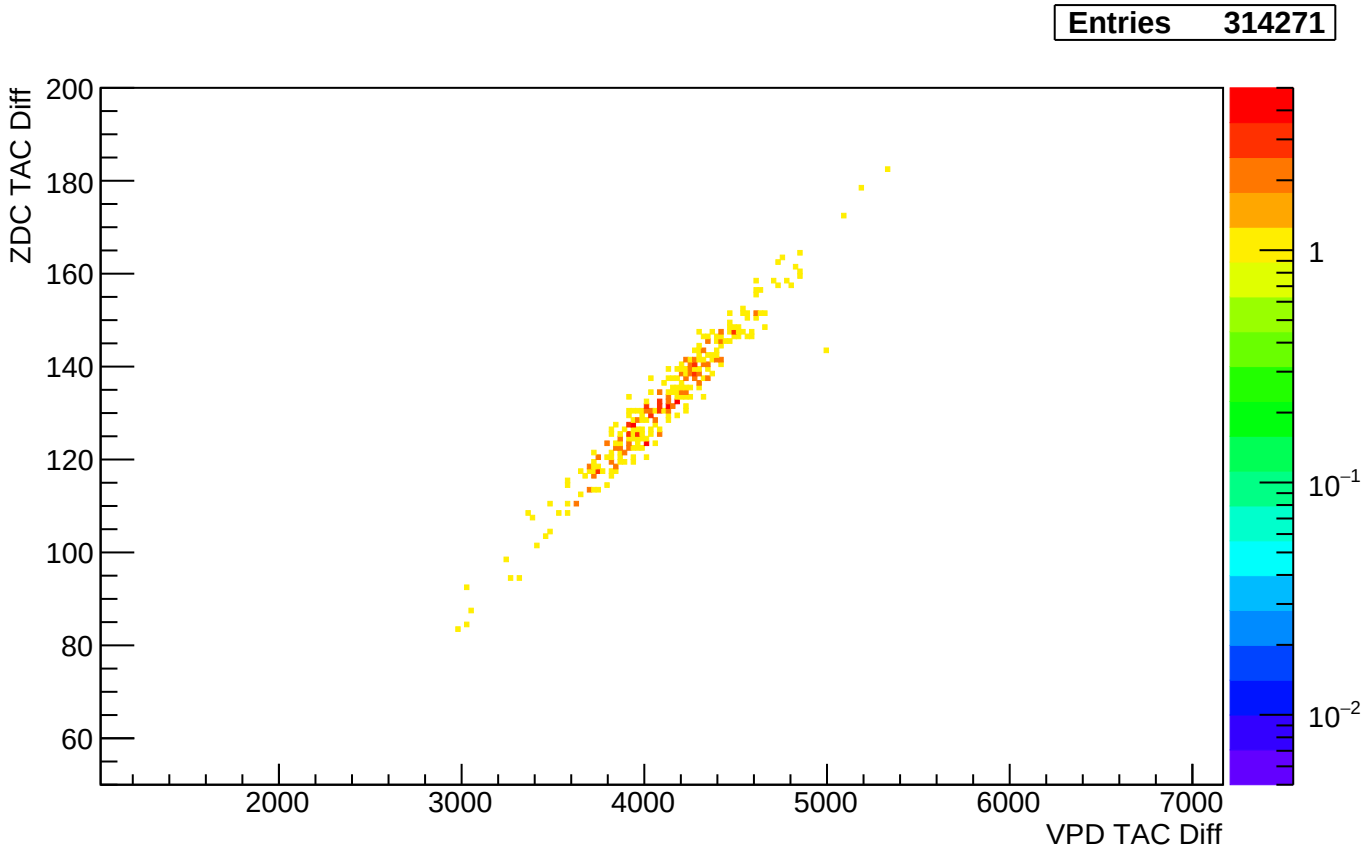

Entries 314271
TOF-Mult
EPD-East Hit Cnt

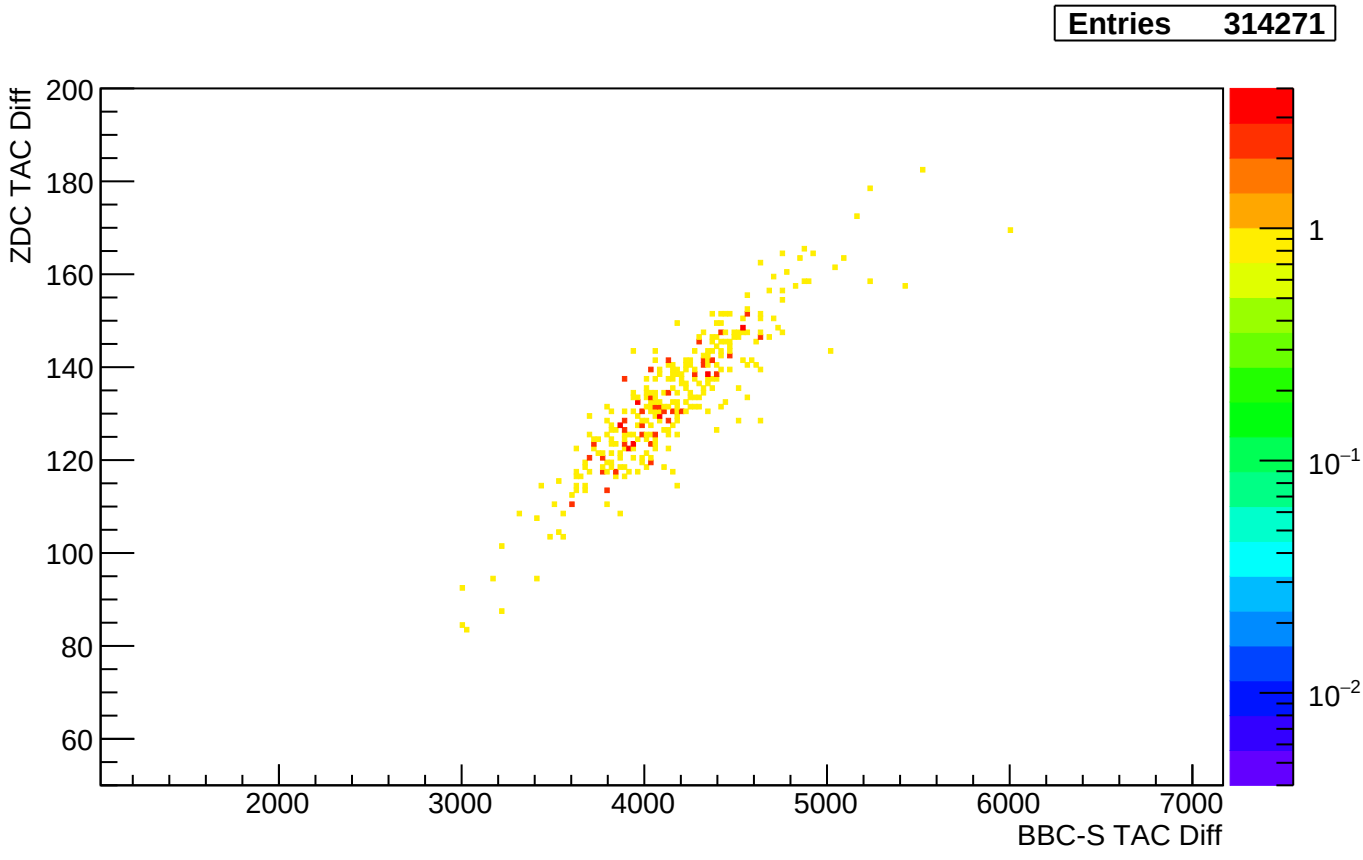

Entries 314271
TOF-Mult
EPD-West Hit Cnt

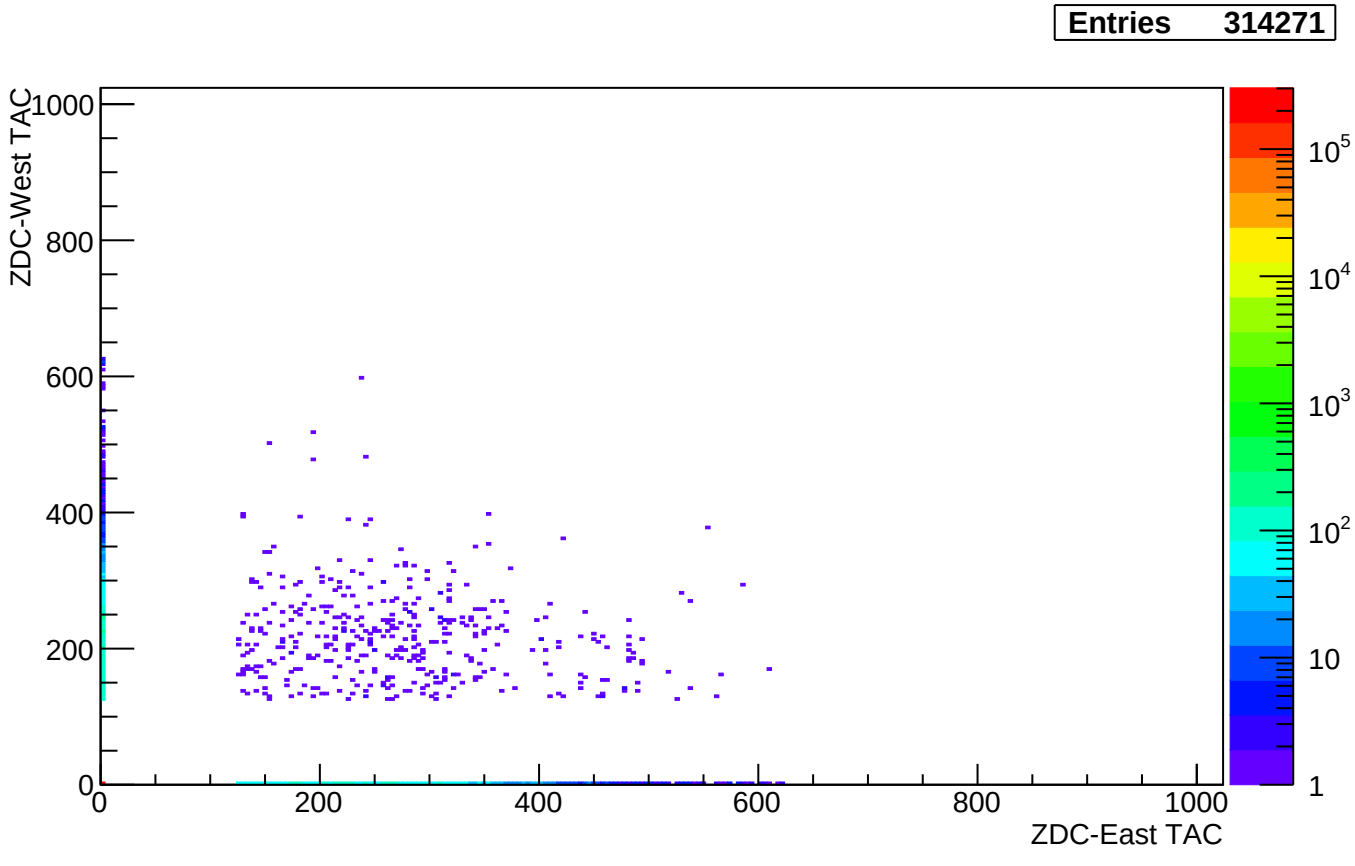

Entries 314271
TOF-Mult
VPD-East ADC Sum

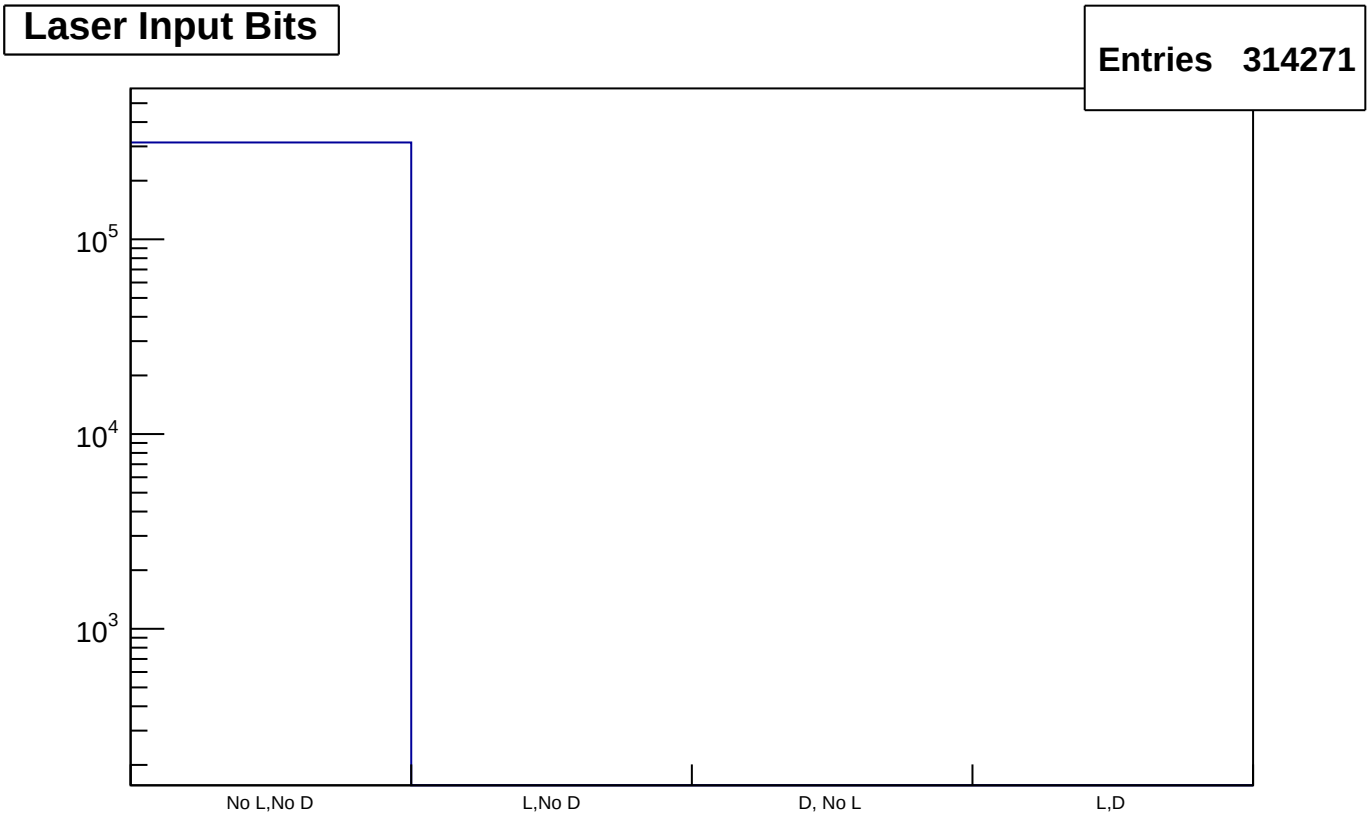

Entries 314271
TOF-Mult
VPD-West ADC Sum

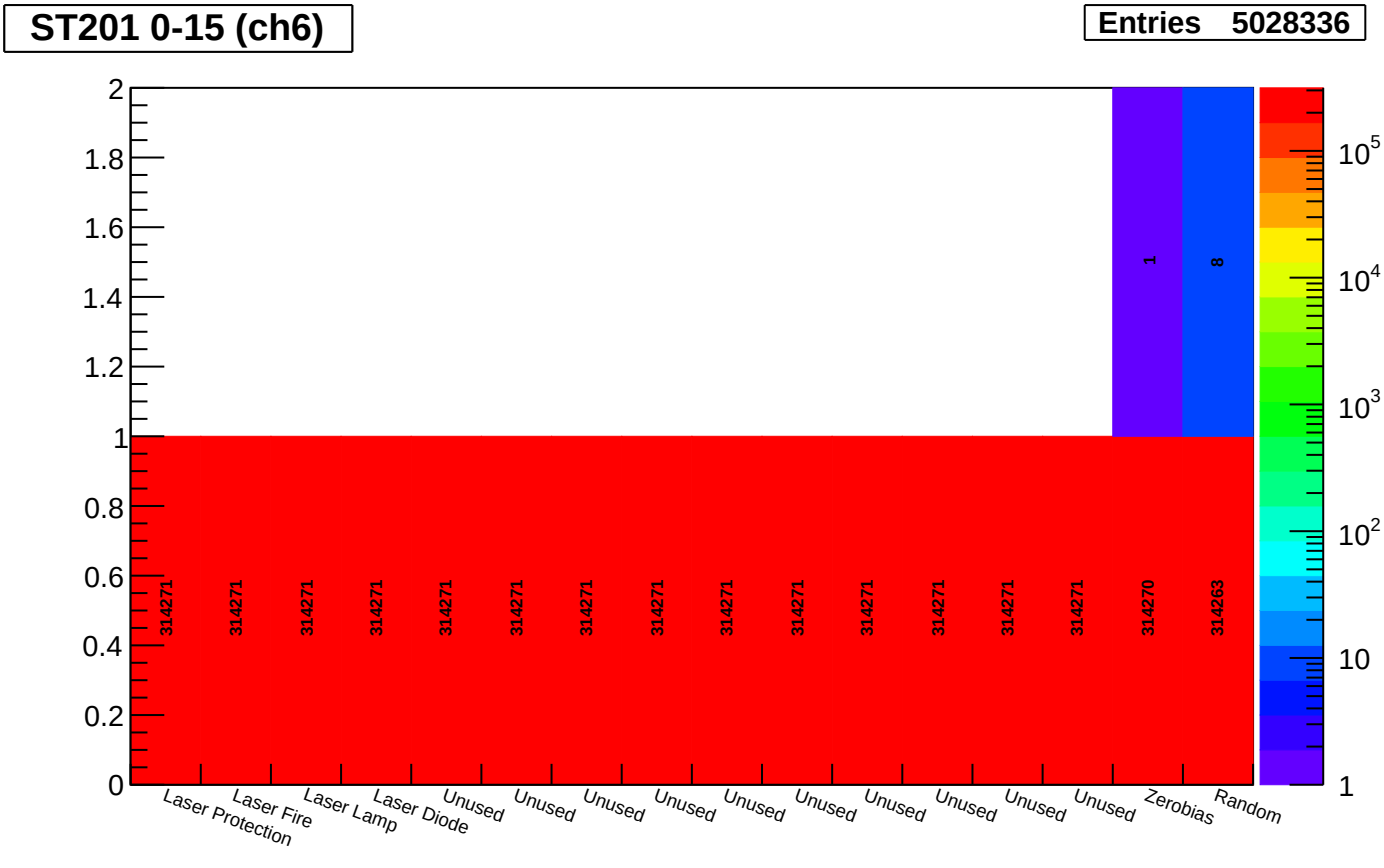

Entries 314271
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

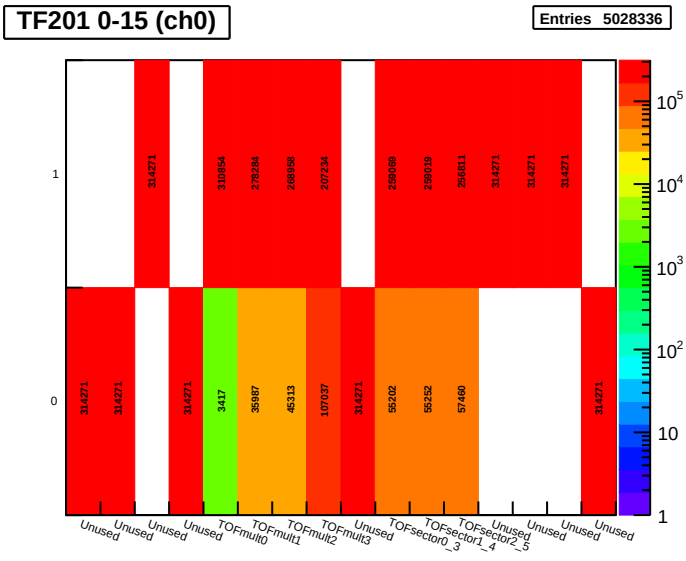

Entries 314271
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

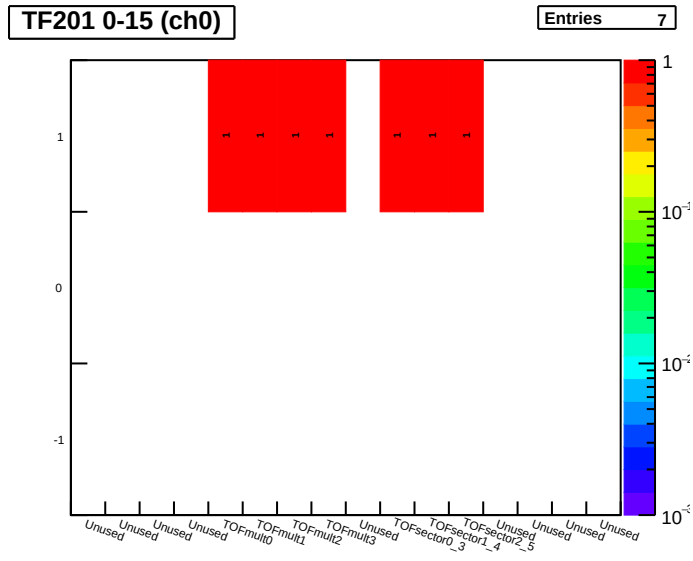

Entries 314271
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

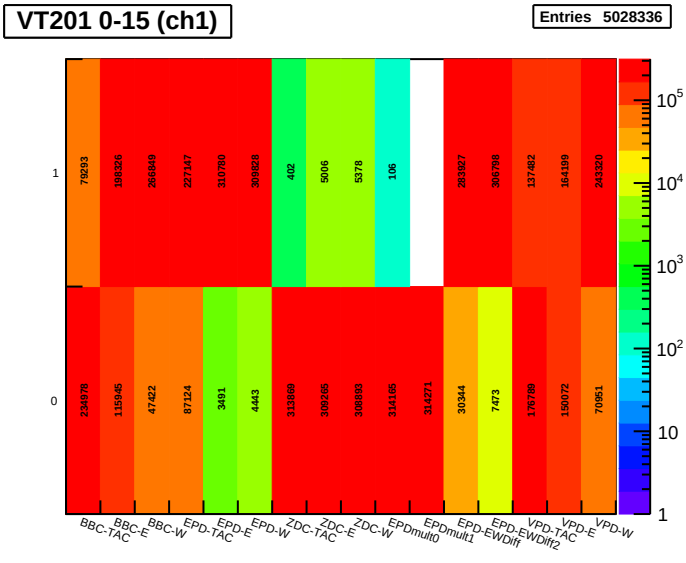

Entries 314271
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

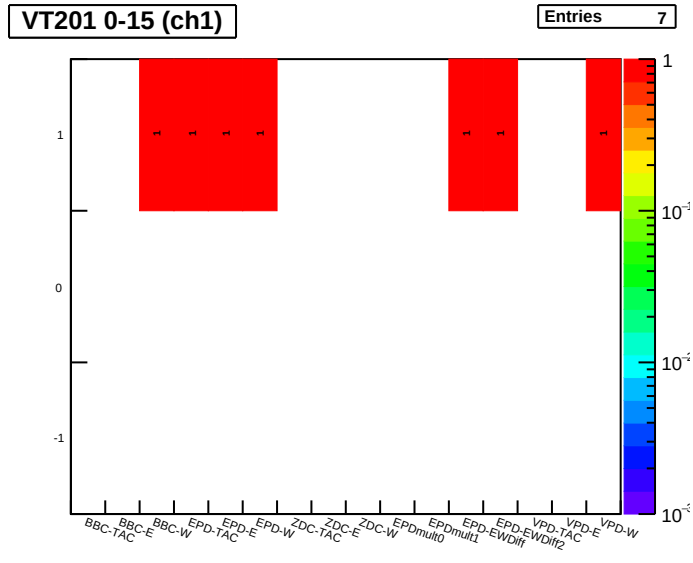

Laser Input Bits
Entries 314271
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

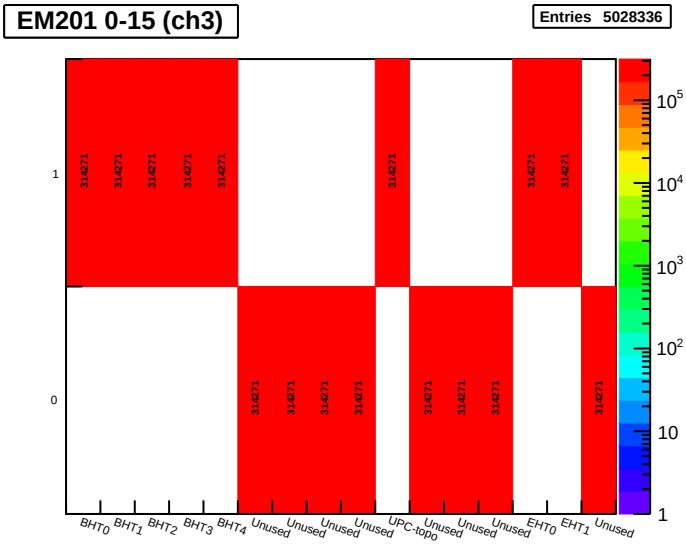

ST201 0-15 (ch6)
Entries 5028336
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
314271
314271
314271
314271
314271
314271
314271
314271
314271
314271
314271
314271
314271
314271
314270
314263
1
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

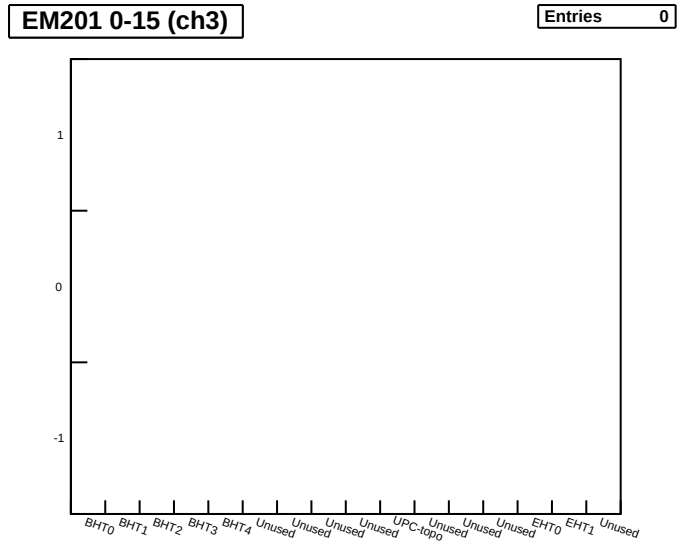

TF201 0-15 (ch0)
Entries 5028336
314271
310854
278284
268958
207234
259069
259019
256811
314271
314271
314271
314271
314271
3417
35987
45313
107037
314271
55202
55252
57460
314271
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


TF201 0-15 (ch0)
Entries 7
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 5028336
79293
198326
266849
227147
310760
309828
402
5006
5378
106
283927
306798
137462
164199
243320
234978
115945
47422
87124
3491
4443
313869
309265
308893
314165
314271
30344
7473
176789
150072
70951
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


VT201 0-15 (ch1)
Entries 7
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 5028336
314271
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


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