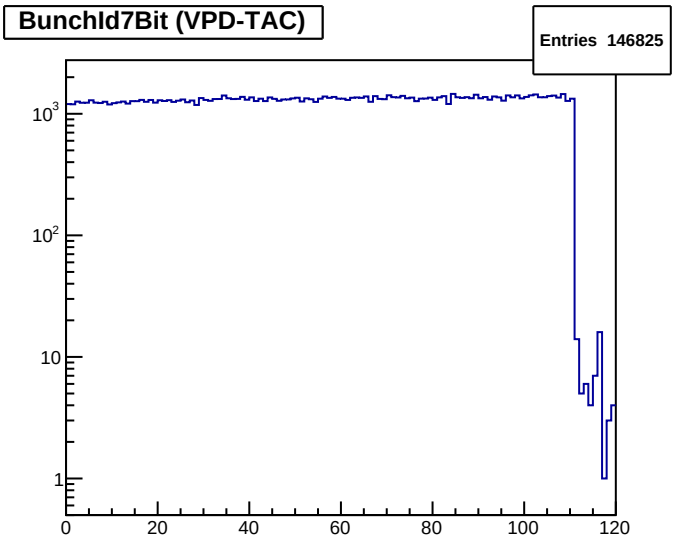
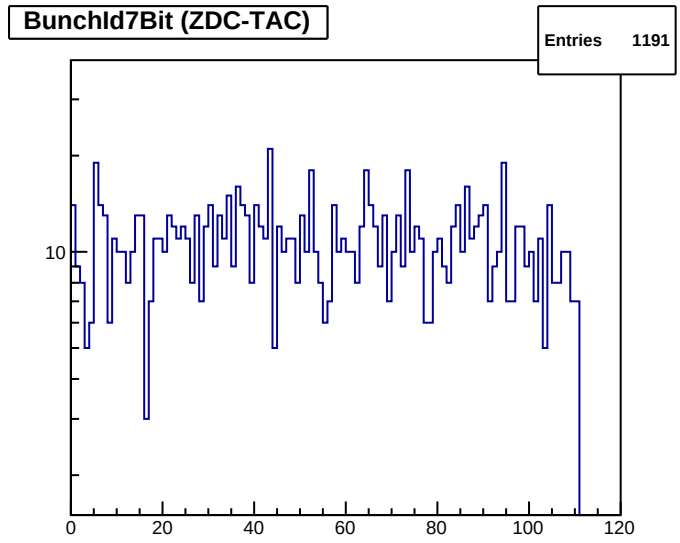
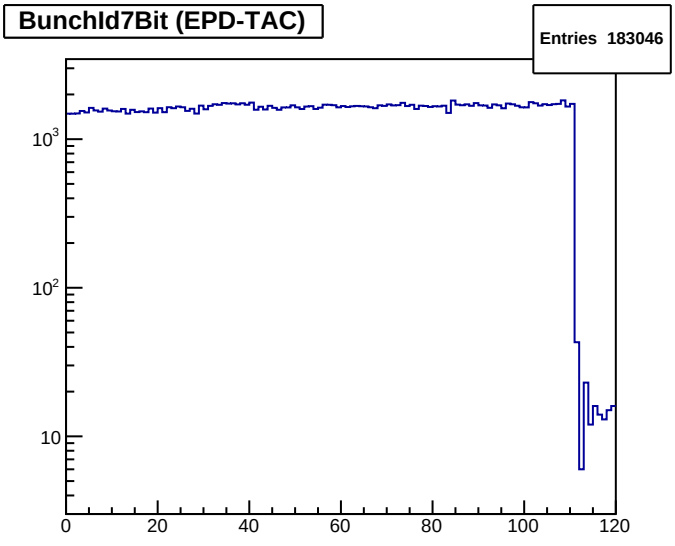
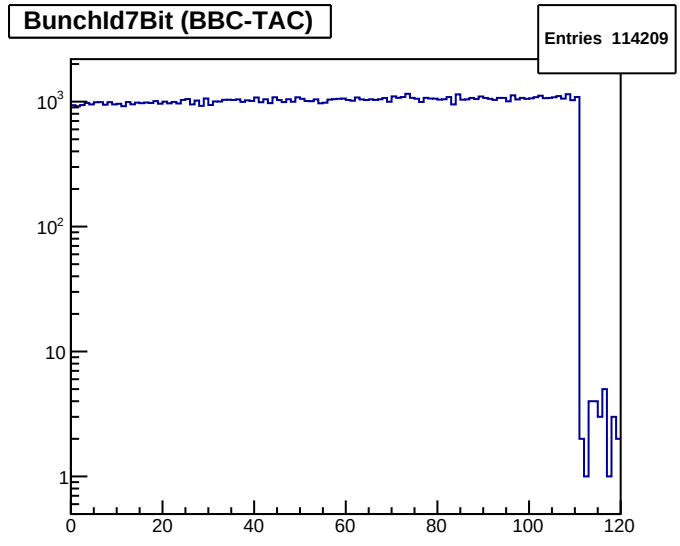
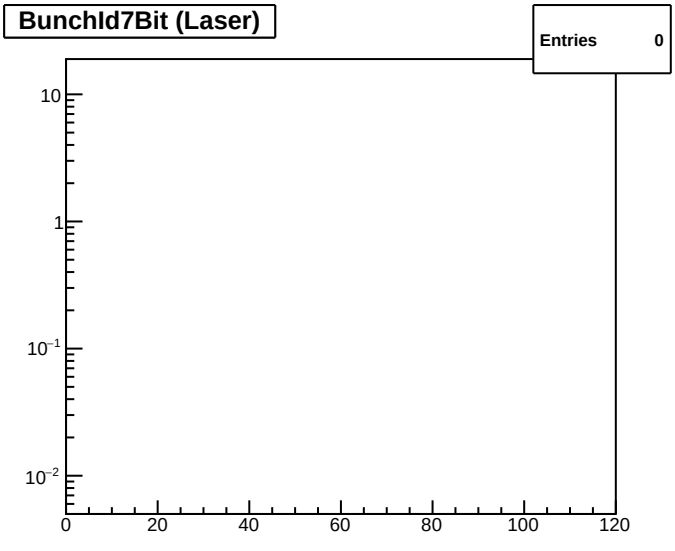
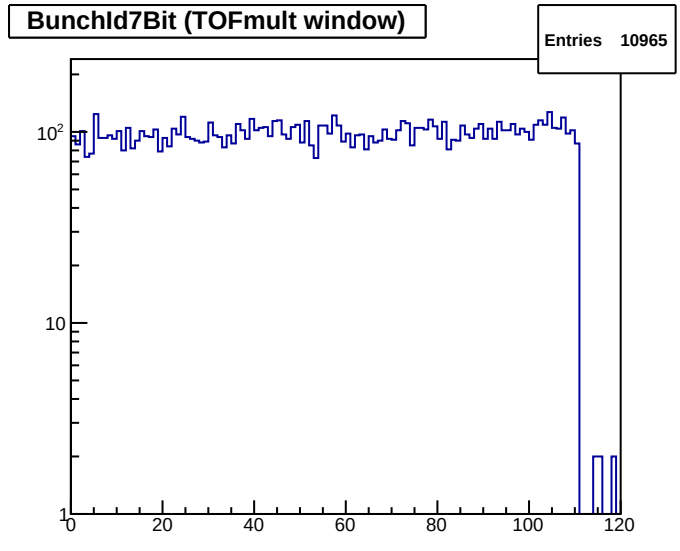

BunchId7Bit (VPD-TAC)
Entries 146825

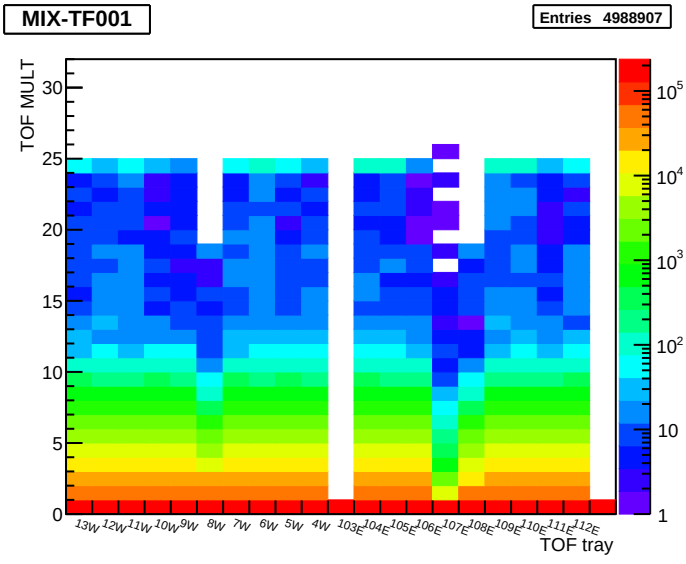

BunchId7Bit (ZDC-TAC)
Entries 1191

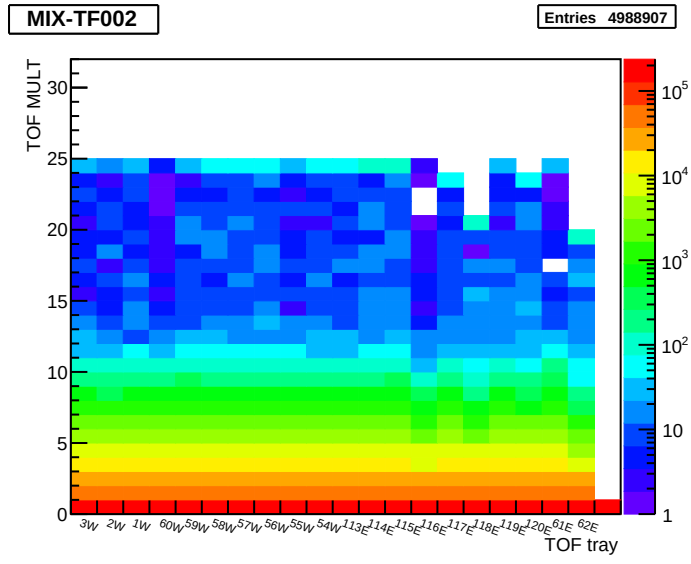

BunchId7Bit (EPD-TAC)
Entries 183046

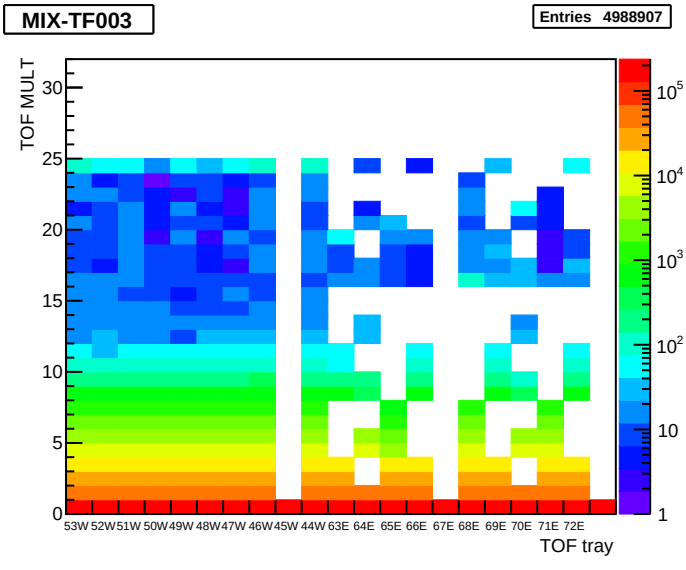

BunchId7Bit (BBC-TAC)
Entries 114209

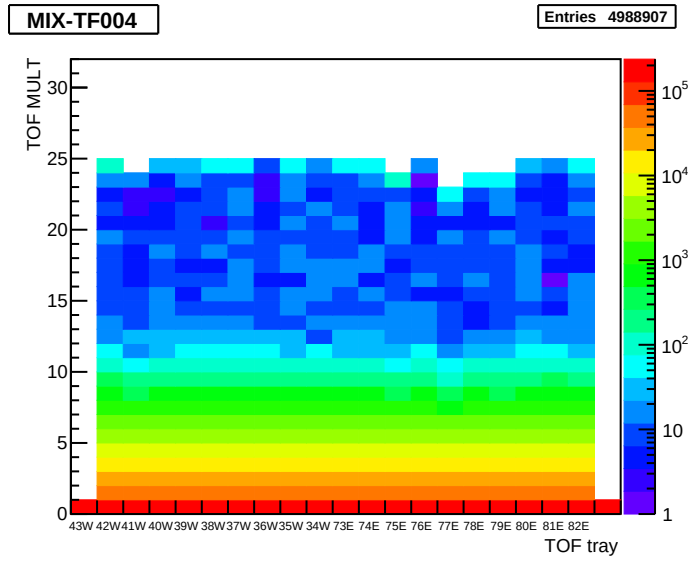

BunchId7Bit (Laser)
Entries 0

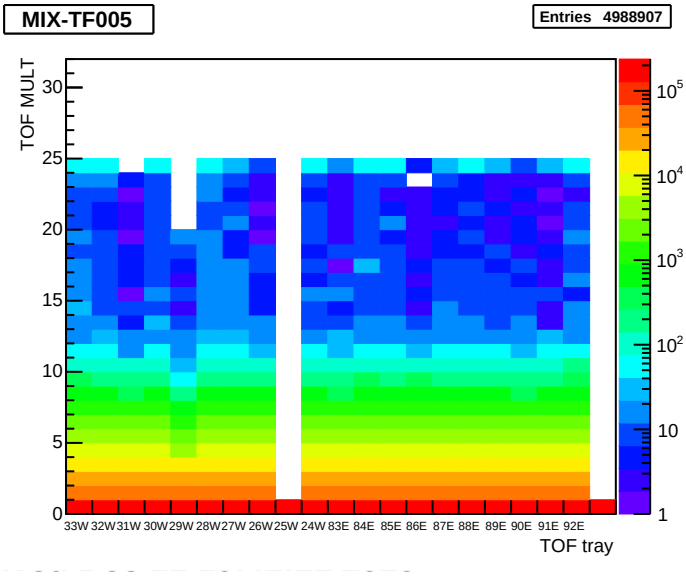

BunchId7Bit (TOFmult window)
Entries 10965

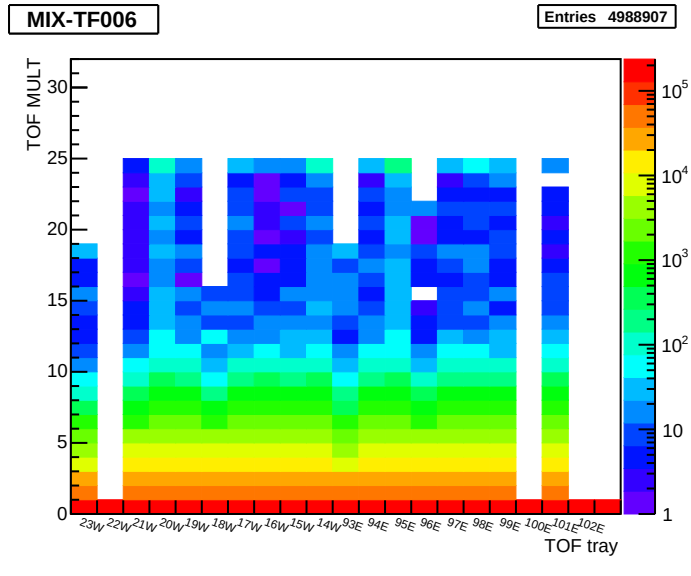

MIX-TF001
Entries 4988907
TOF MULT
TOF tray

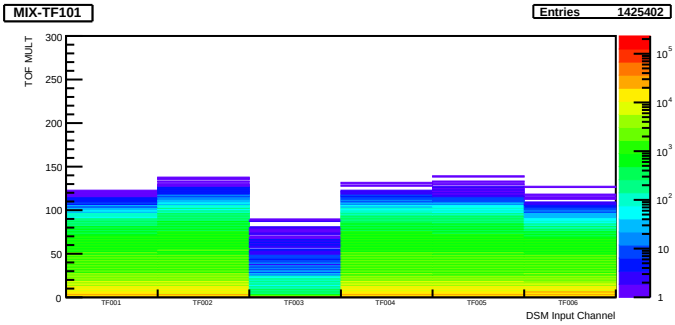

MIX-TF002
Entries 4988907
TOF MULT
TOF tray

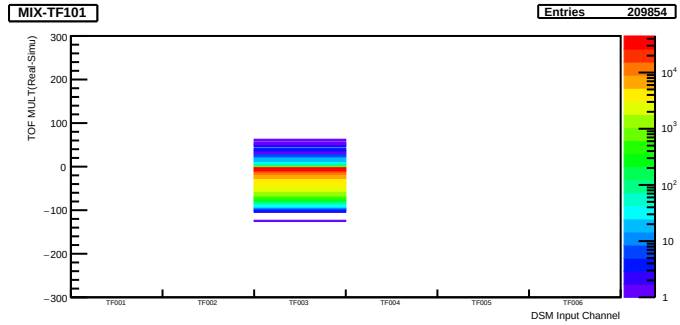

MIX-TF003
Entries 4988907
TOF MULT
TOF tray

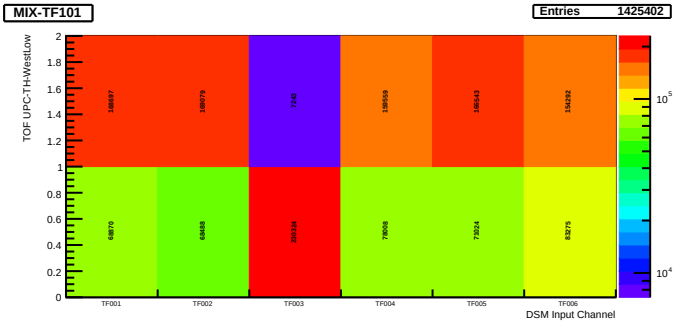

MIX-TF004
Entries 4988907
TOF MULT
TOF tray

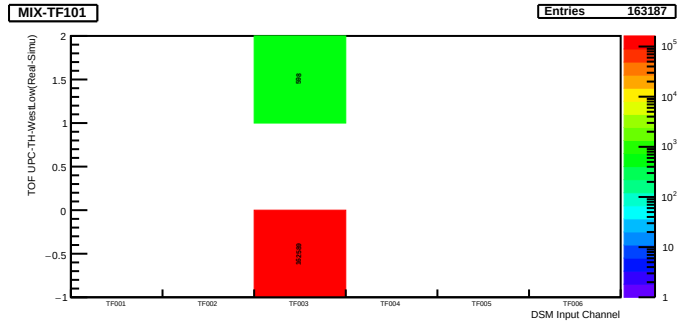

MIX-TF005
Entries 4988907
TOF MULT
TOF tray

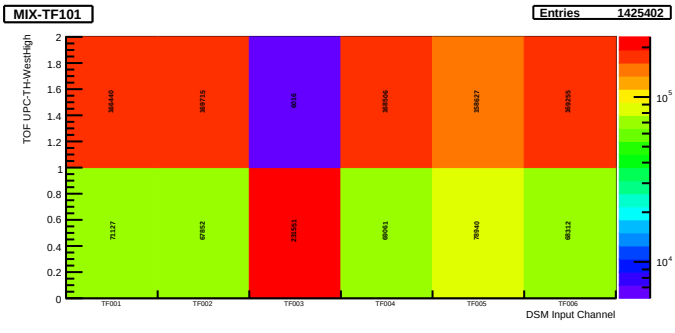

MIX-TF006
Entries 4988907
TOF MULT
TOF tray

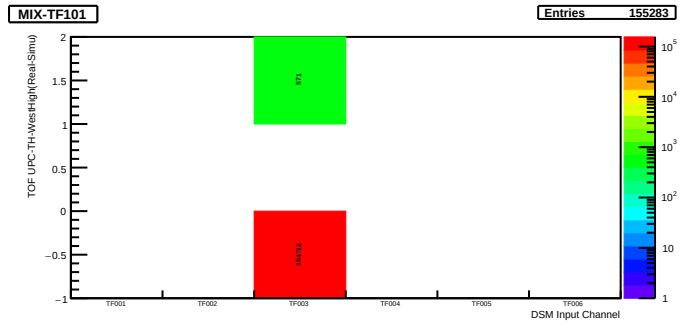

MIX-TF101
Entries 1425402
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

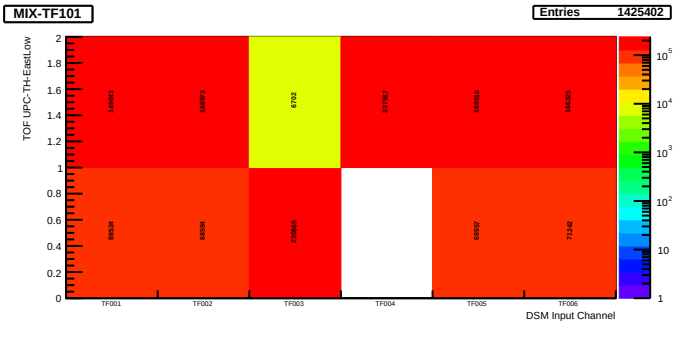

MIX-TF101
Entries 209854
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

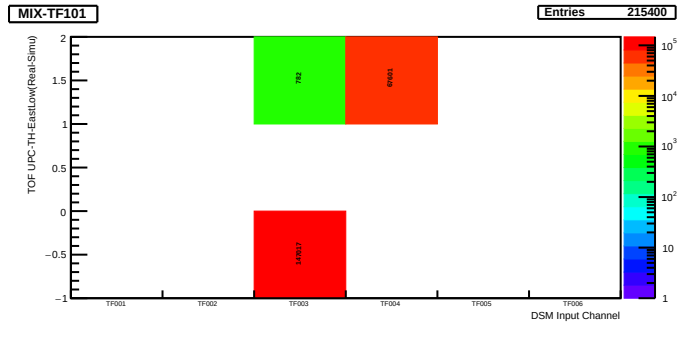

MIX-TF101
Entries 1425402
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

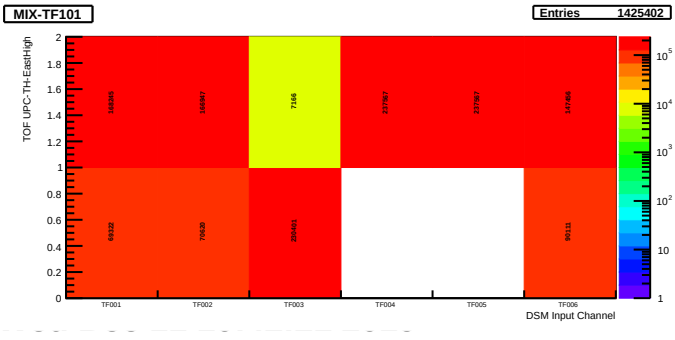

MIX-TF101
Entries 163187
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

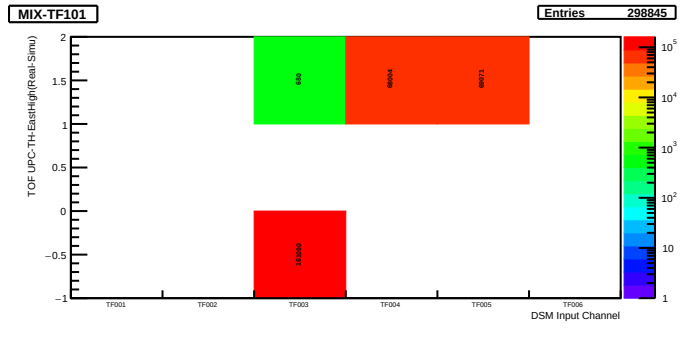

MIX-TF101
Entries 1425402
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

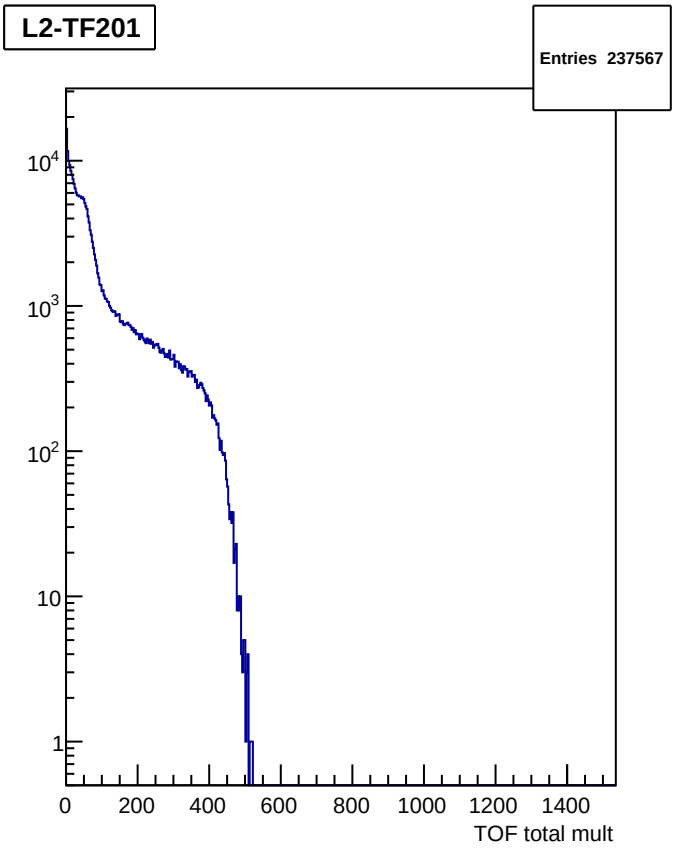

MIX-TF101
Entries 155283
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

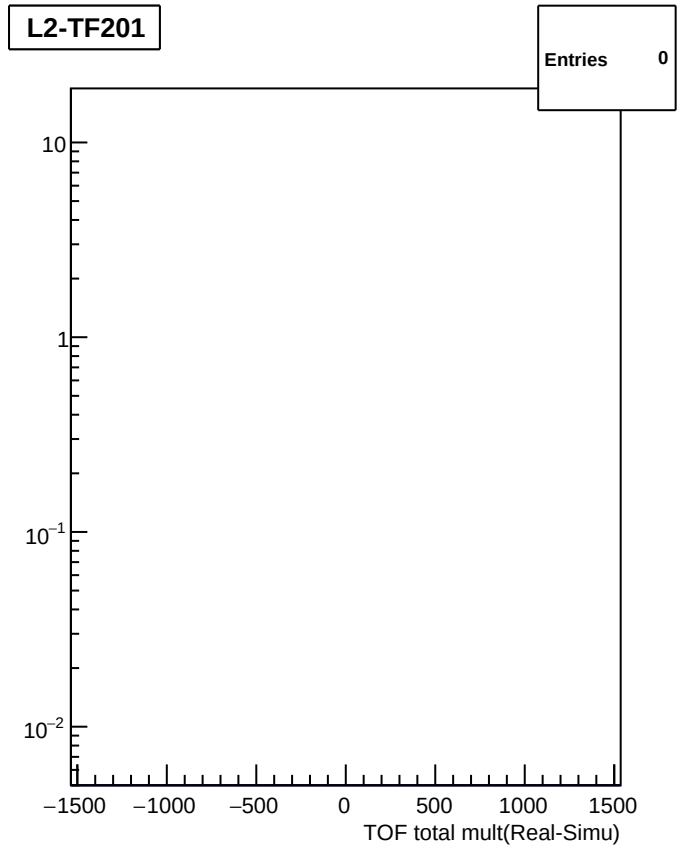

MIX-TF101
Entries 1425402
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

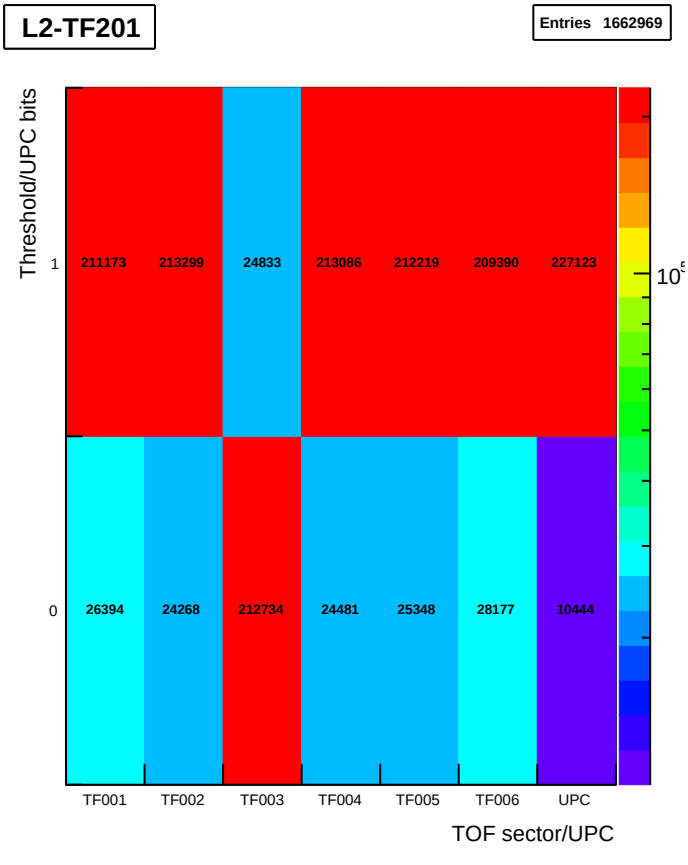

MIX-TF101
Entries 215400
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

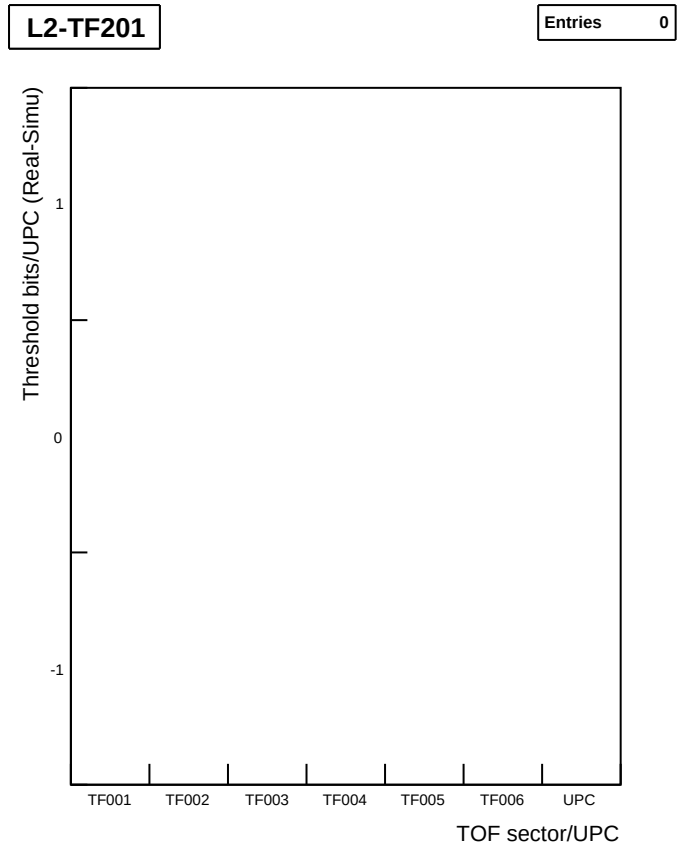

MIX-TF101
Entries 1425402
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

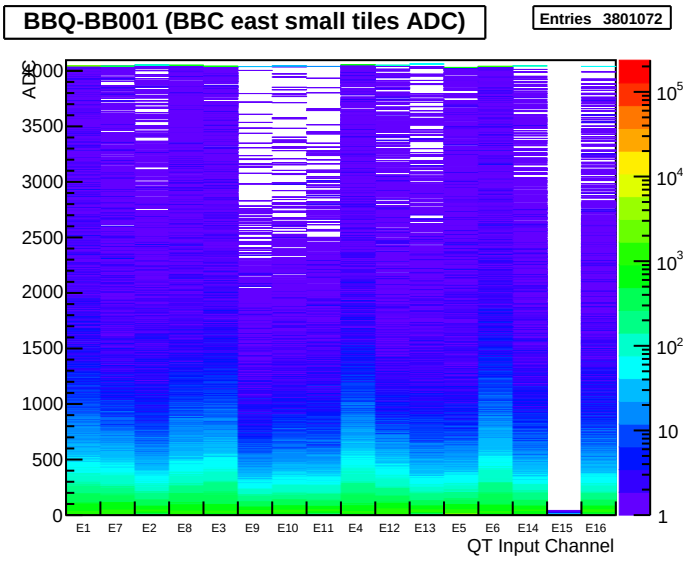

MIX-TF101
Entries 298845
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

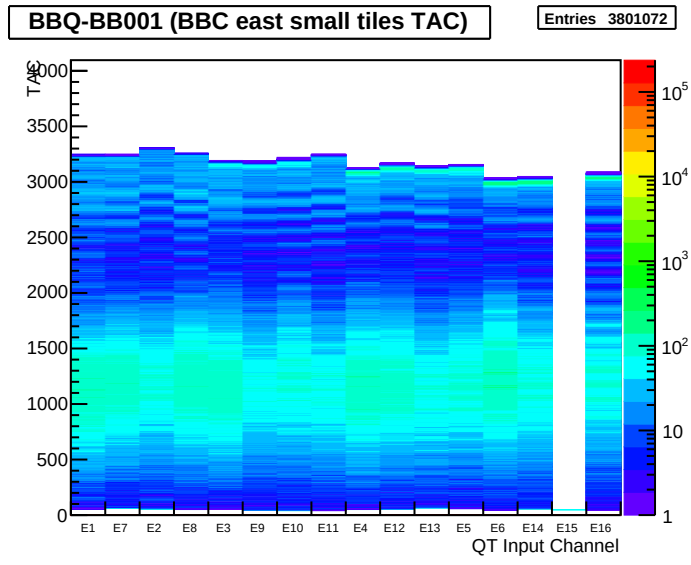

L2-TF201
Entries 237567
TOF total mult

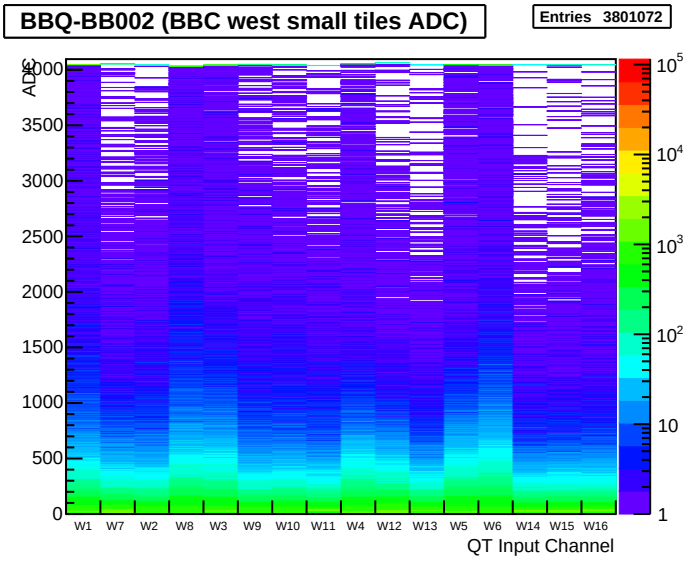

L2-TF201
Entries 0
TOF total mult(Real-Simu)

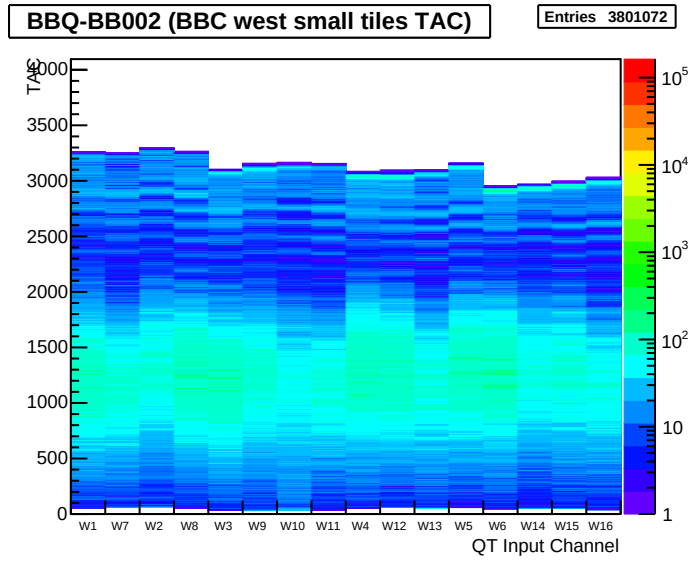

L2-TF201
Entries 1662969
Threshold/UPC bits
211173
213299
24833
213086
212219
209390
227123
26394
24268
212734
24481
25348
28177
10444
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

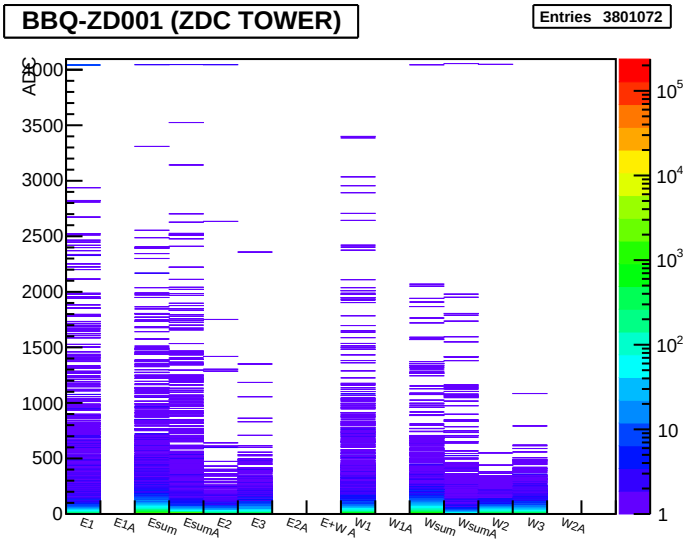

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

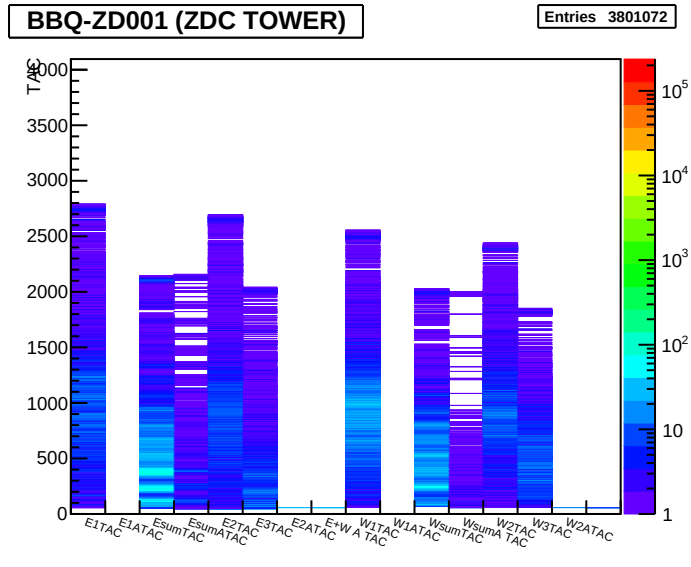

BBQ-BB001 (BBC east small tiles ADC)
Entries 3801072
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

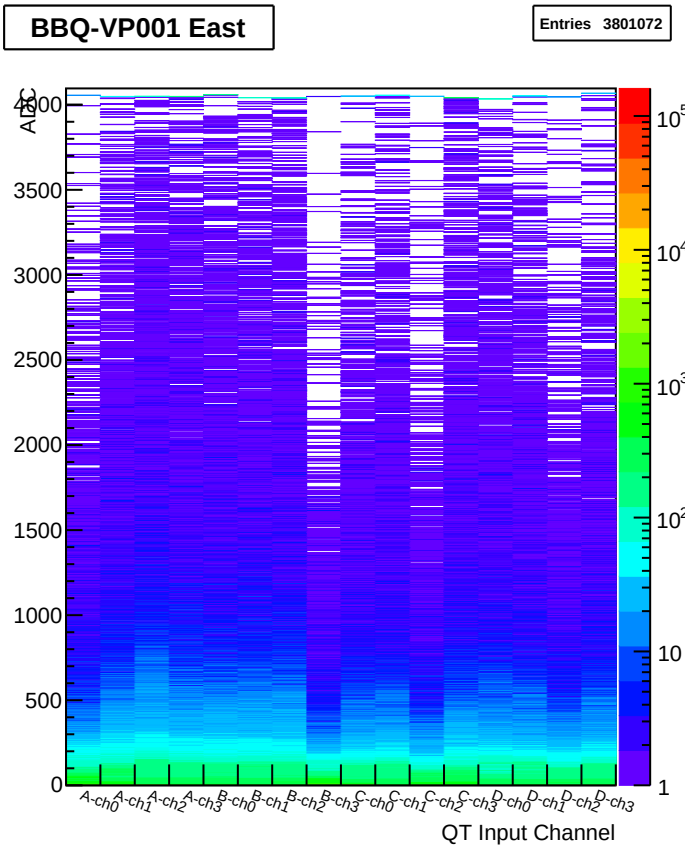

BBQ-BB001 (BBC east small tiles TAC)
Entries 3801072
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

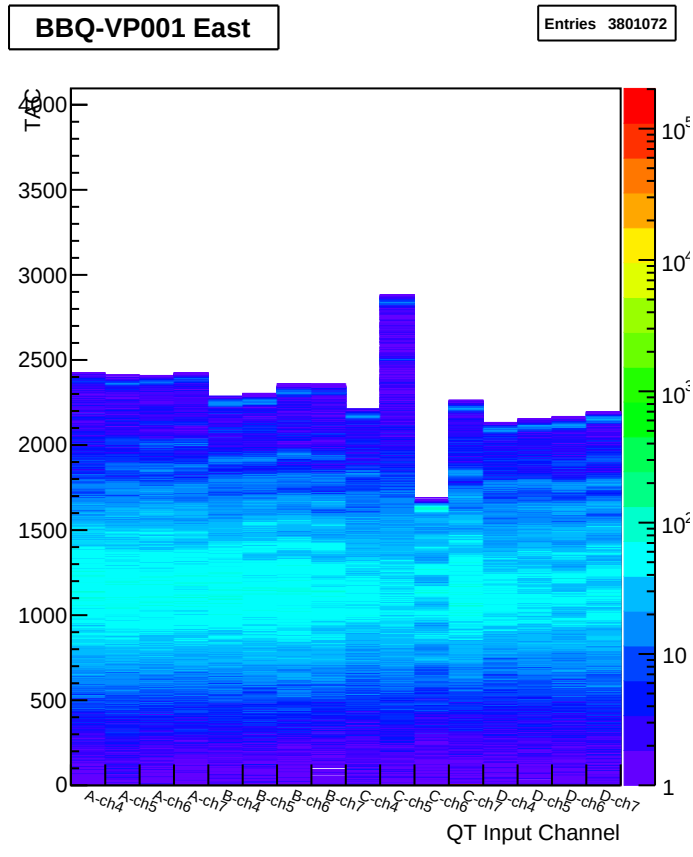

BBQ-BB002 (BBC west small tiles ADC)
Entries 3801072
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

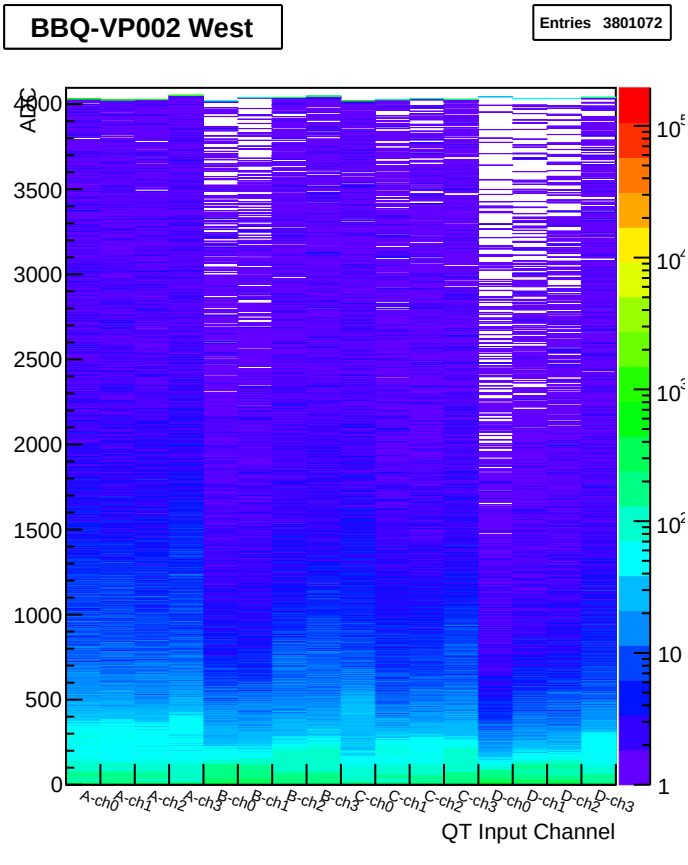

BBQ-BB002 (BBC west small tiles TAC)
Entries 3801072
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

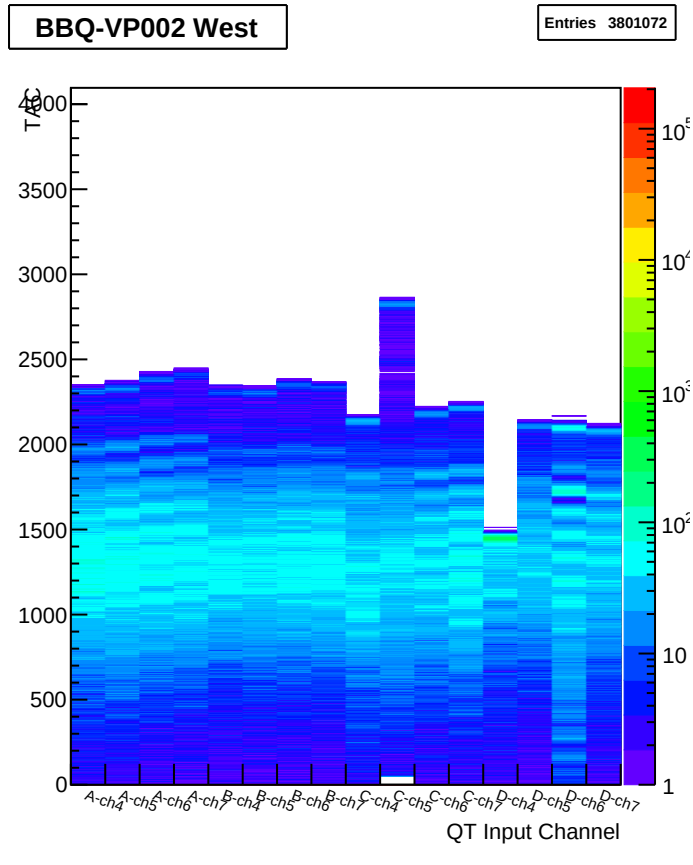

BBQ-ZD001 (ZDC TOWER)
Entries 3801072
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

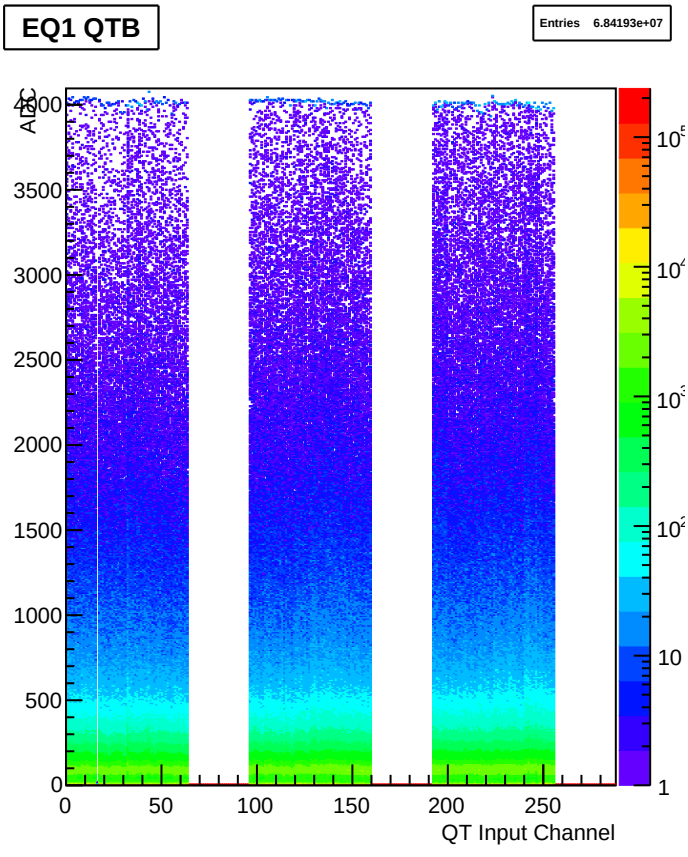

BBQ-ZD001 (ZDC TOWER)
Entries 3801072
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

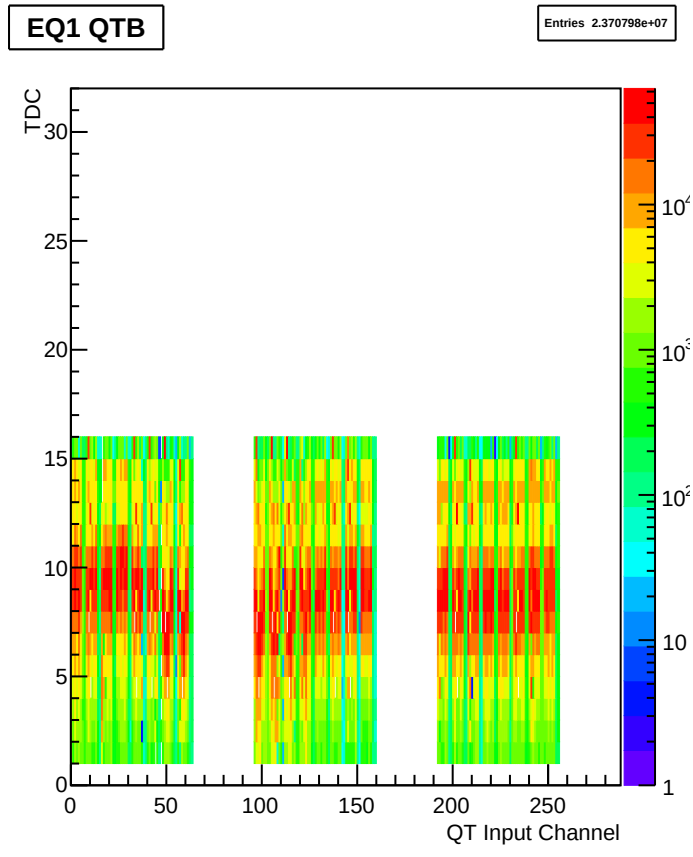

BBQ-VP001 East
Entries 3801072
ADC
QT Input Channel

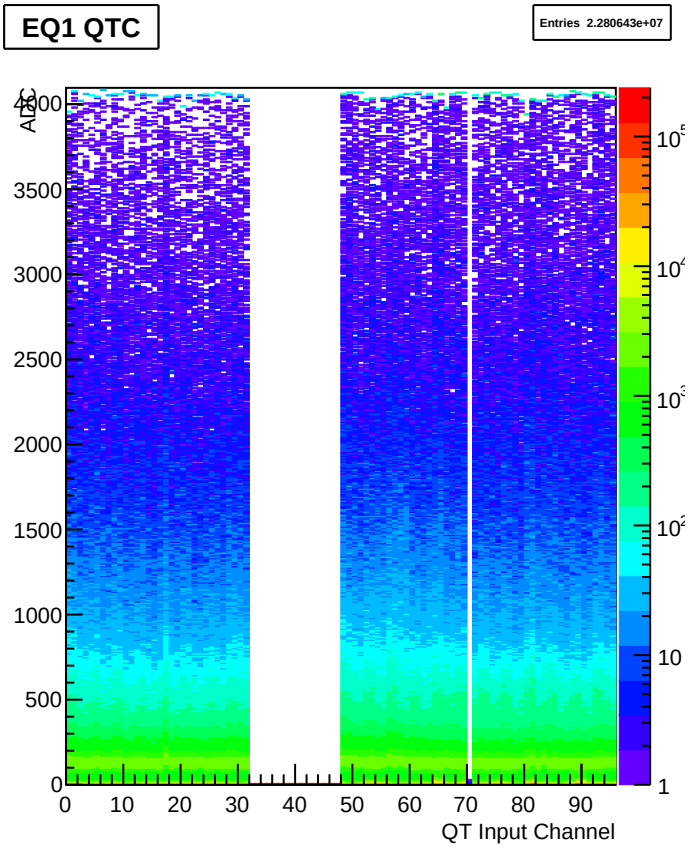

BBQ-VP001 East
Entries 3801072
ADC
QT Input Channel

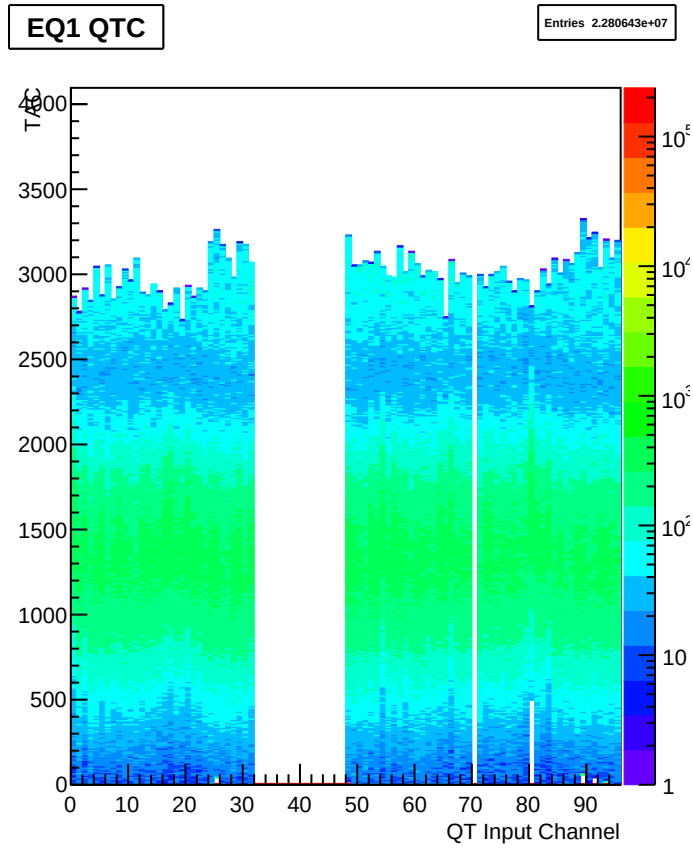

BBQ-VP002 West
Entries 3801072
ADC
QT Input Channel

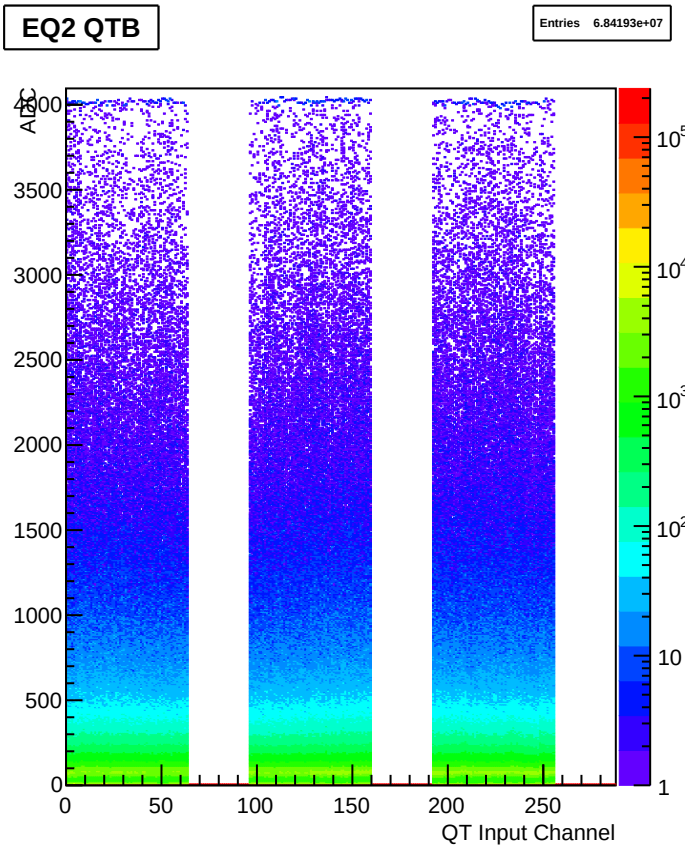

BBQ-VP002 West
Entries 3801072
ADC
QT Input Channel

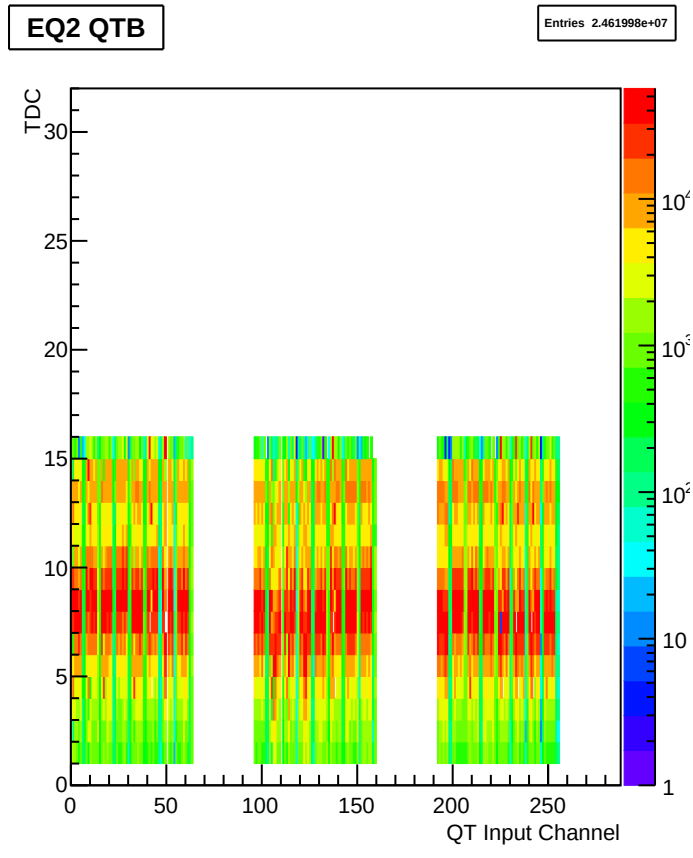

EQ1 QTB
Entries 6.84193e+07
ADC
QT Input Channel

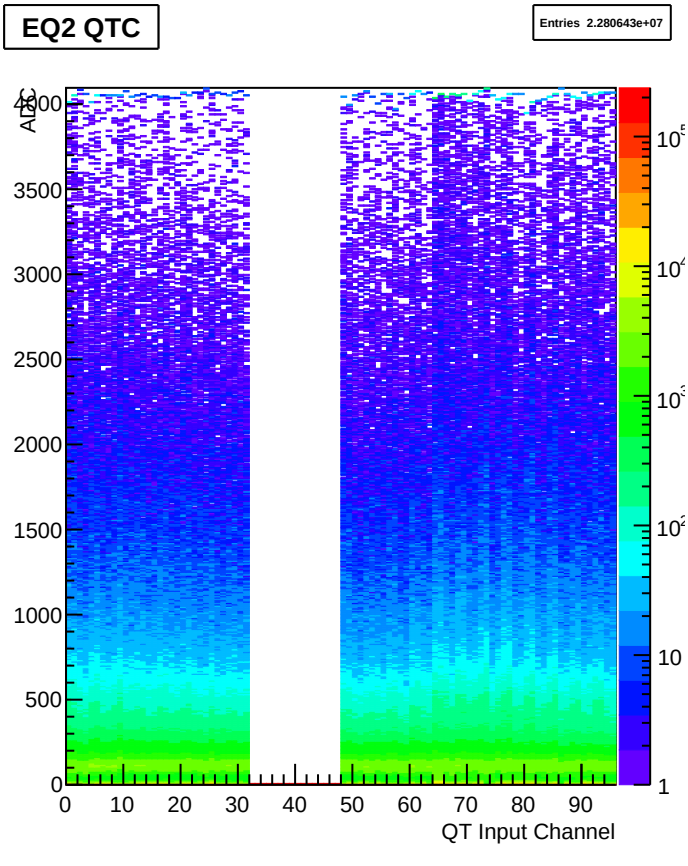

EQ1 QTB
Entries 2.370798e+07
TDC
QT Input Channel

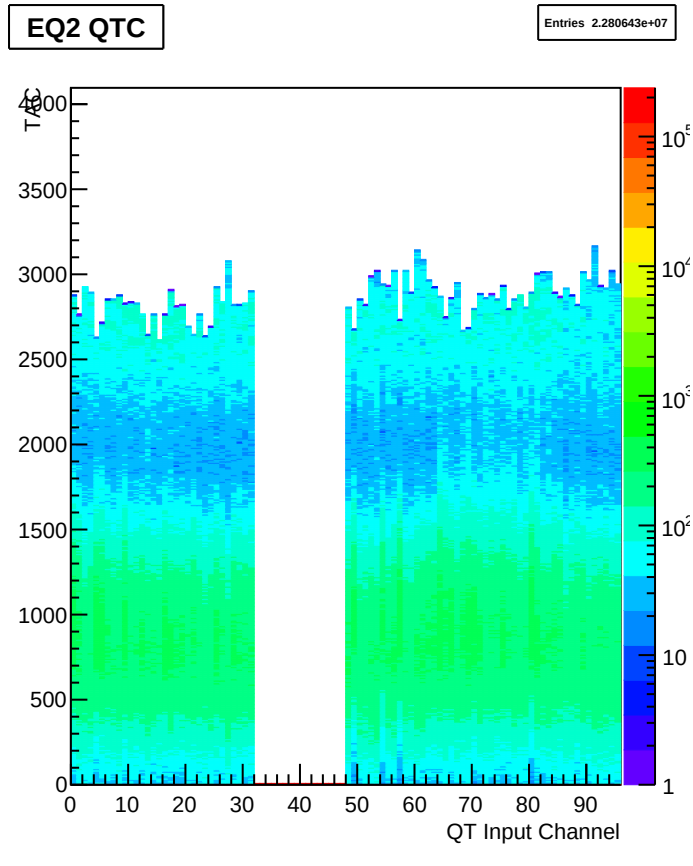

EQ1 QTC
Entries 2.280643e+07
ADC
QT Input Channel

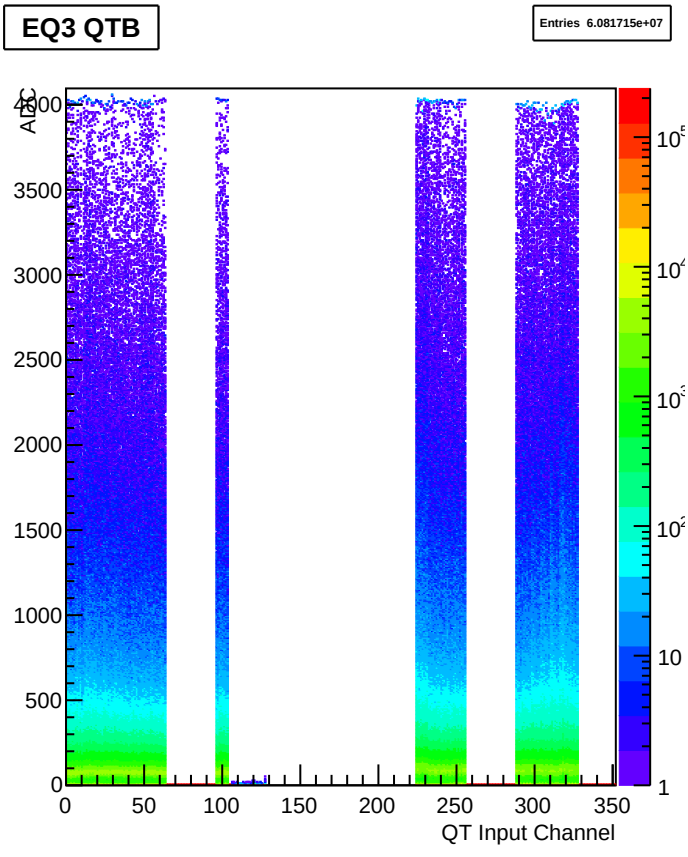

EQ1 QTC
Entries 2.280643e+07
TADC
QT Input Channel

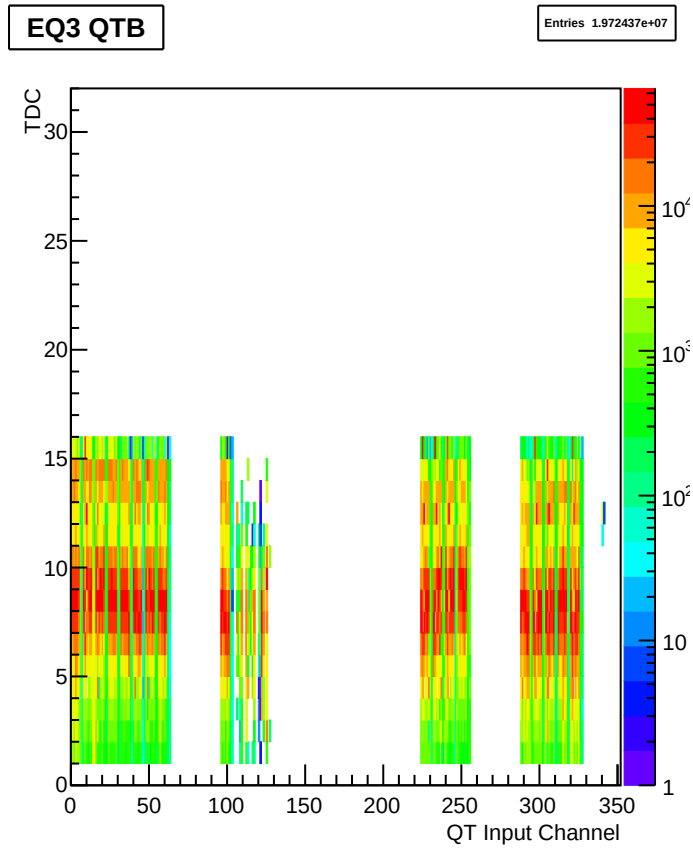

EQ2 QTB
Entries 6.84193e+07
ADC
QT Input Channel

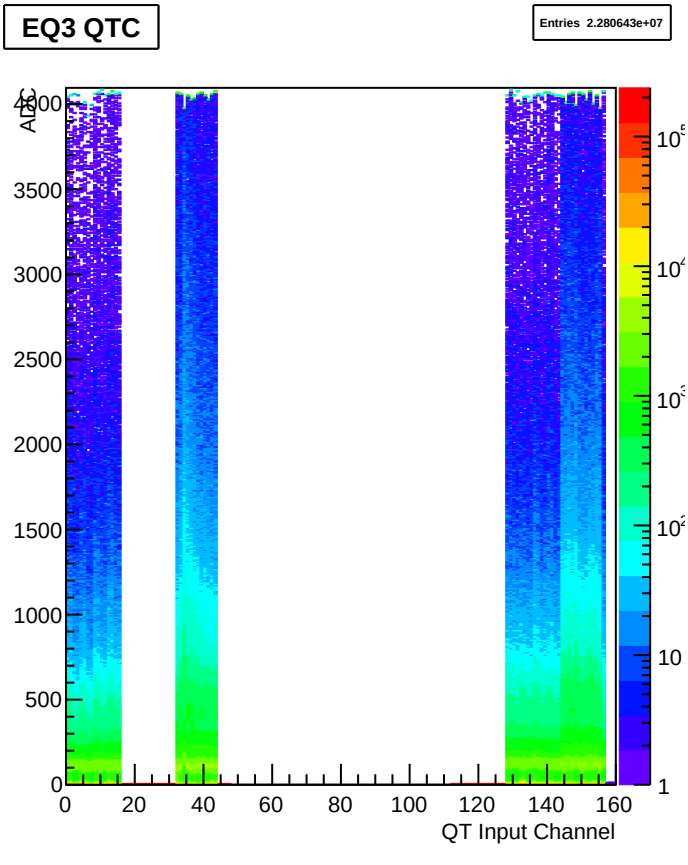

EQ2 QTB
Entries 2.461998e+07
TDC
QT Input Channel

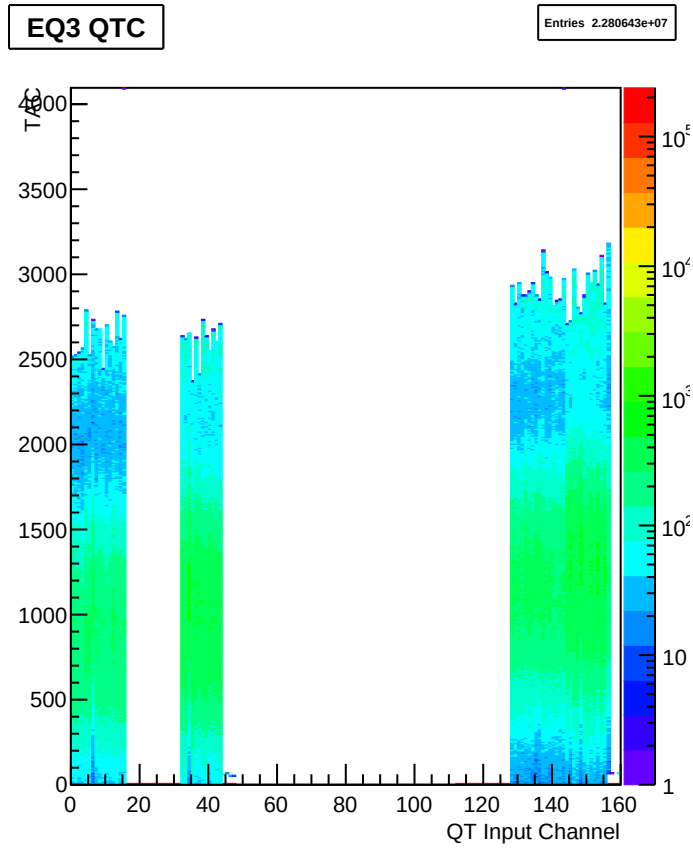

EQ2 QTC
Entries 2.280643e+07
ADC
QT Input Channel

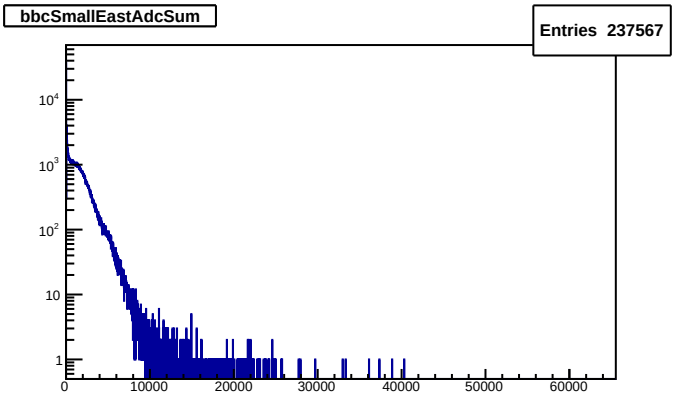

EQ2 QTC
Entries 2.280643e+07
TADC
QT Input Channel

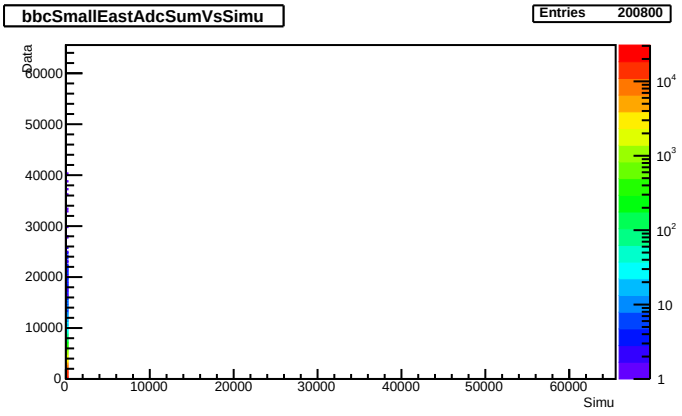

EQ3 QTB
Entries 6.081715e+07
ADC
QT Input Channel

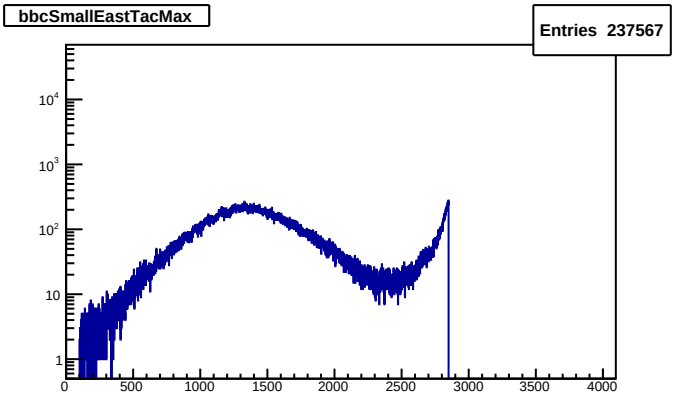

EQ3 QTB
Entries 1.972437e+07
TDC
QT Input Channel

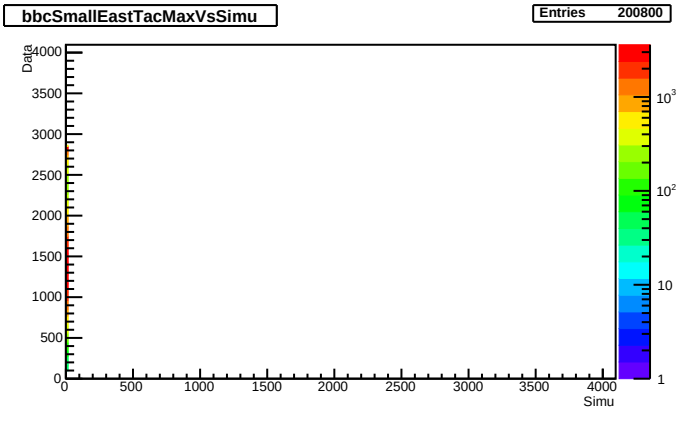

EQ3 QTC
Entries 2.280643e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.280643e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 237567


bbcSmallEastAdcSumVsSimu
Entries 200800
Data
Simu


bbcSmallEastTacMax
Entries 237567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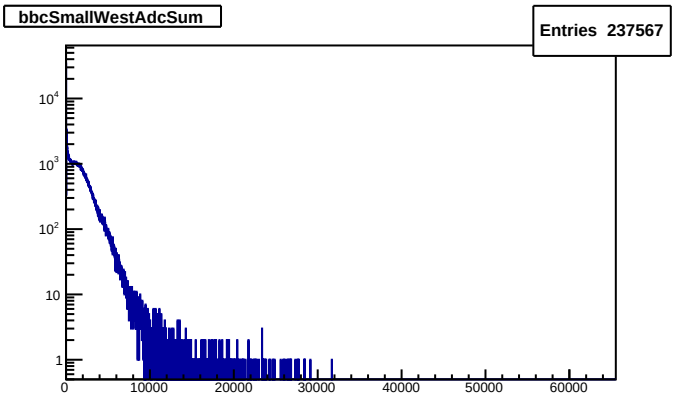
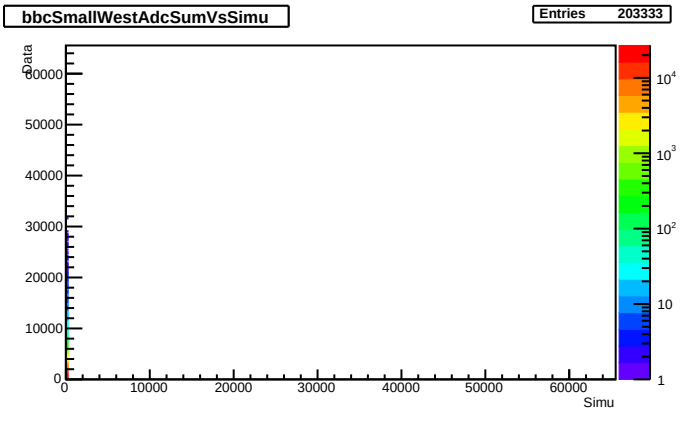
Entries 200800
Data
Simu


bbcSmallWestAdcSum
Entries 237567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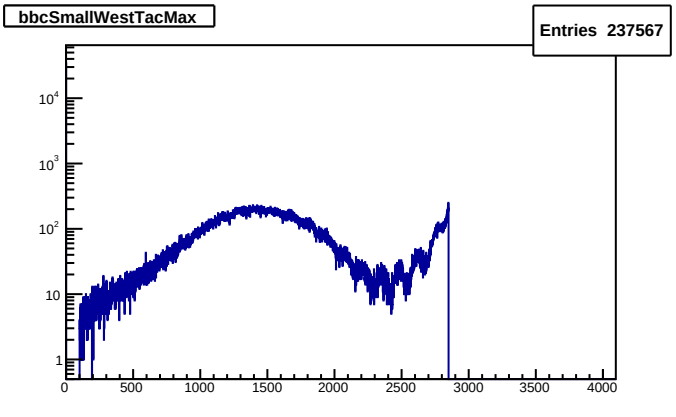
Entries 203333
Data
Simu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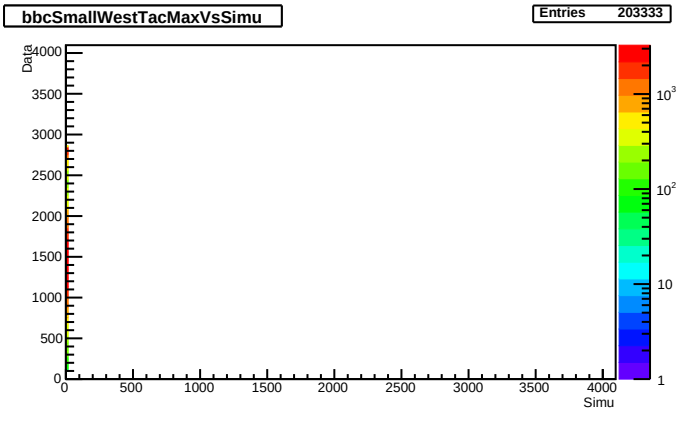
Entries 237567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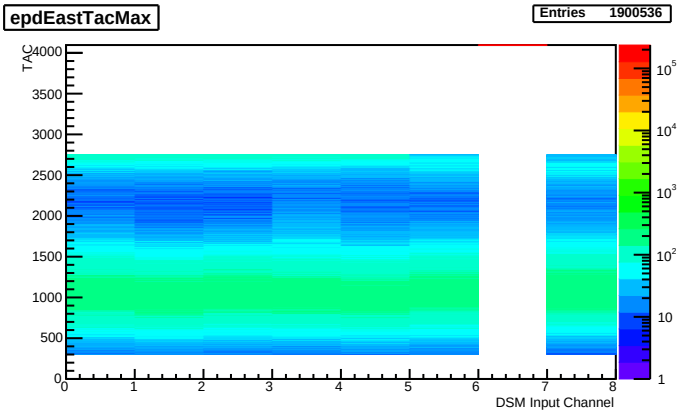
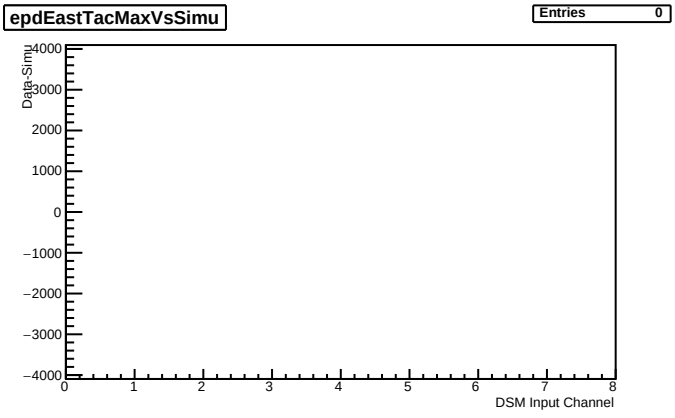
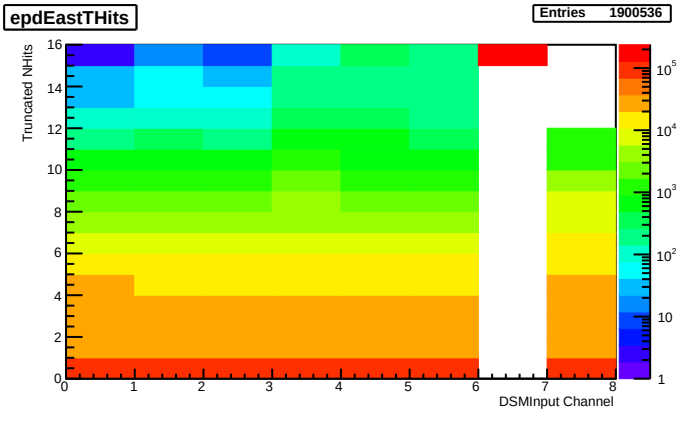
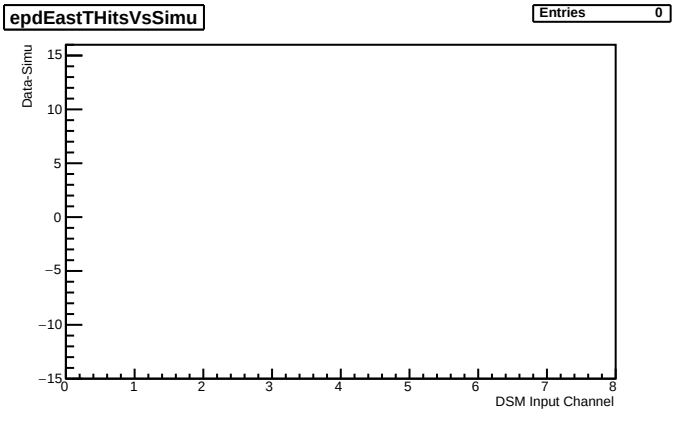
Entries 203333
Data
Simu


epdEastTacMax
Entries 1900536
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1900536
Truncated NHits
DSMInput Channel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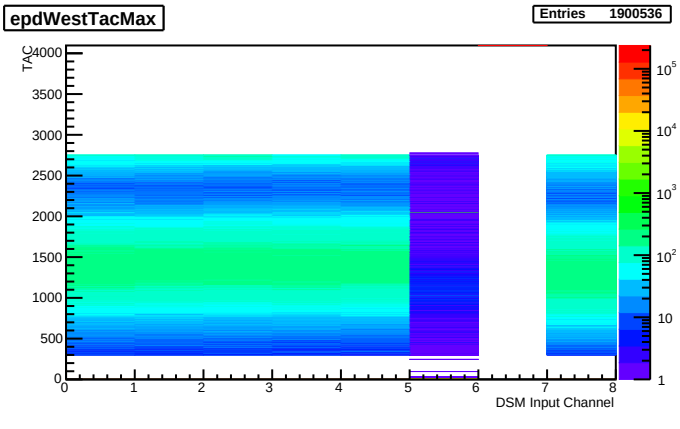
Data-Simu
DSM Input Channel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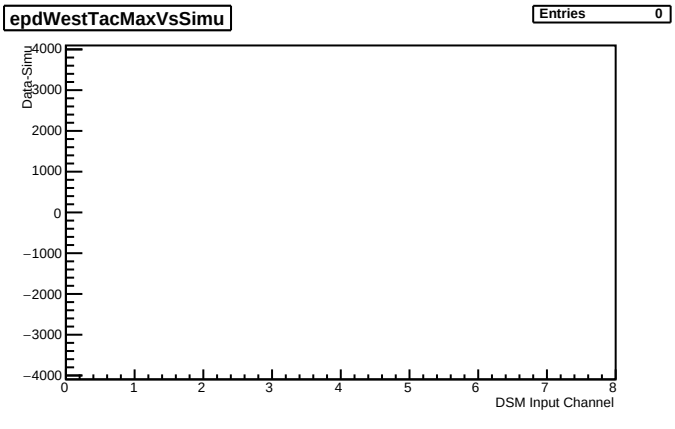
TAC
DSM Input Channel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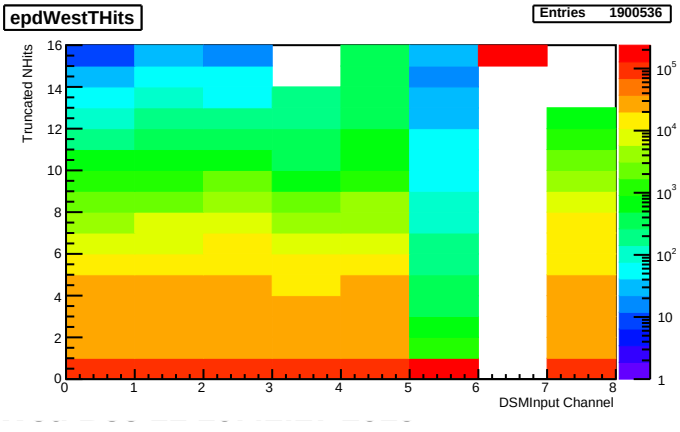
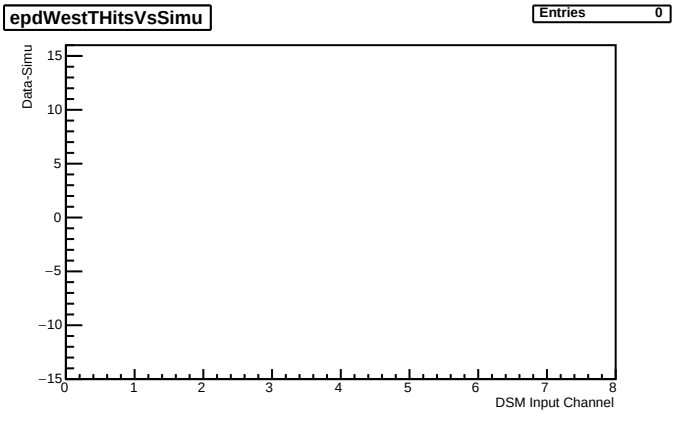
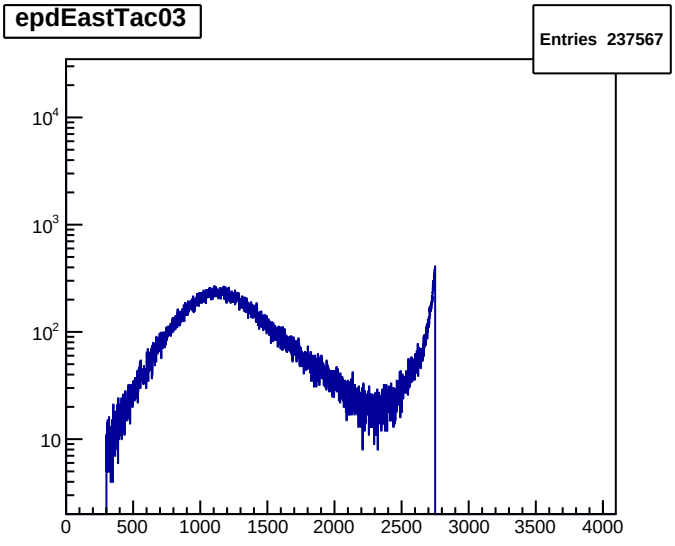
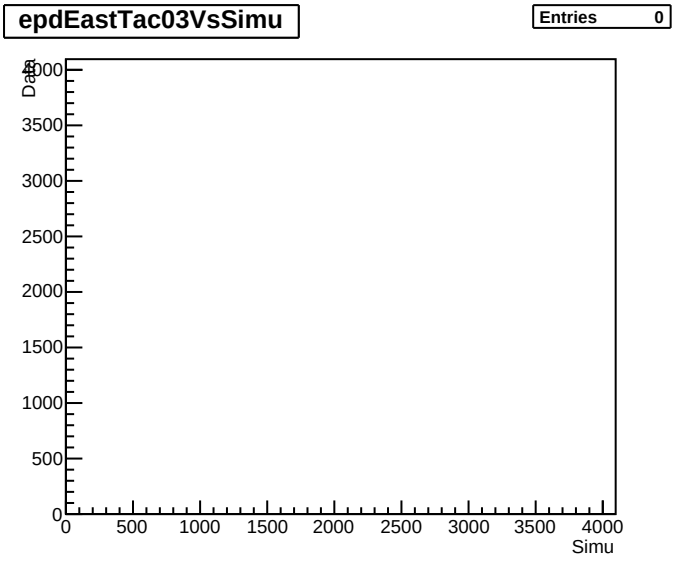
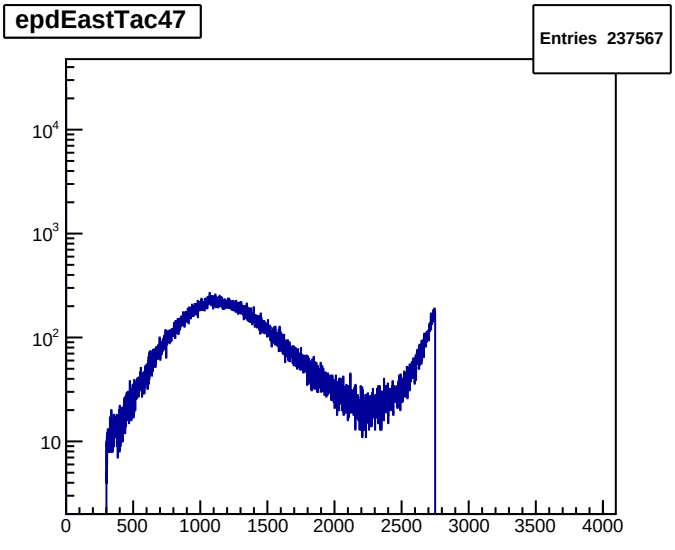
Entries 0
Data-Simu
DSM Input Channel

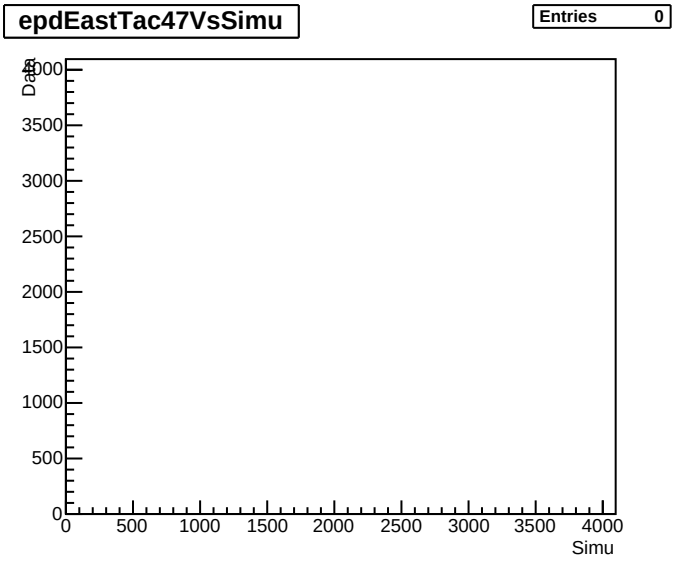

epdWestTHits
Entries 1900536
Truncated NHits
DSMInput Channel

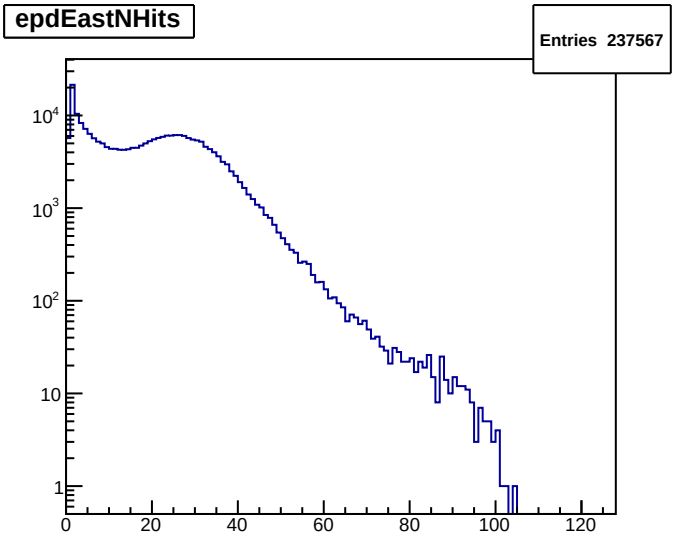

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

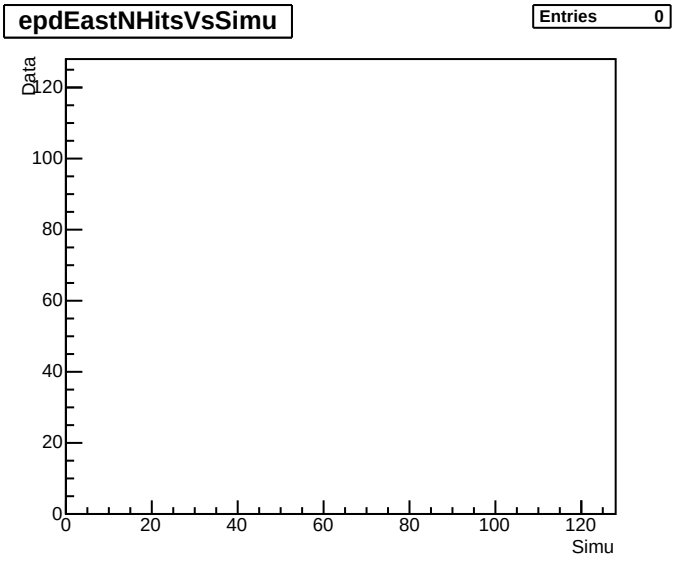

epdEastTac03
Entries 237567
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastTac47
Entries 237567
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 237567
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120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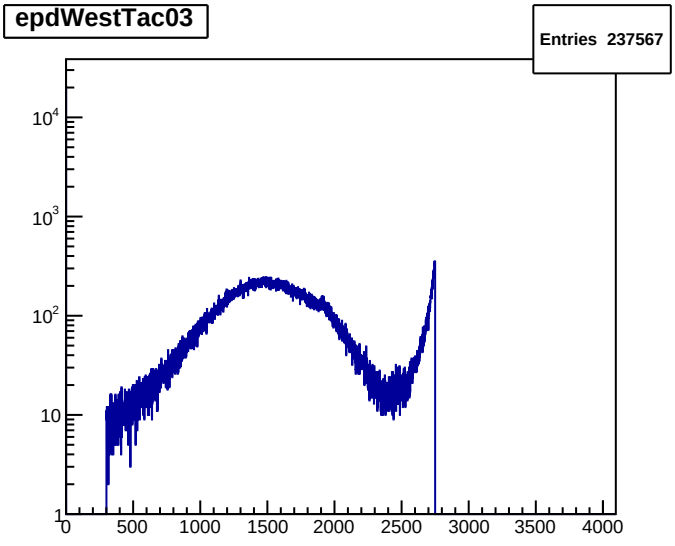
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu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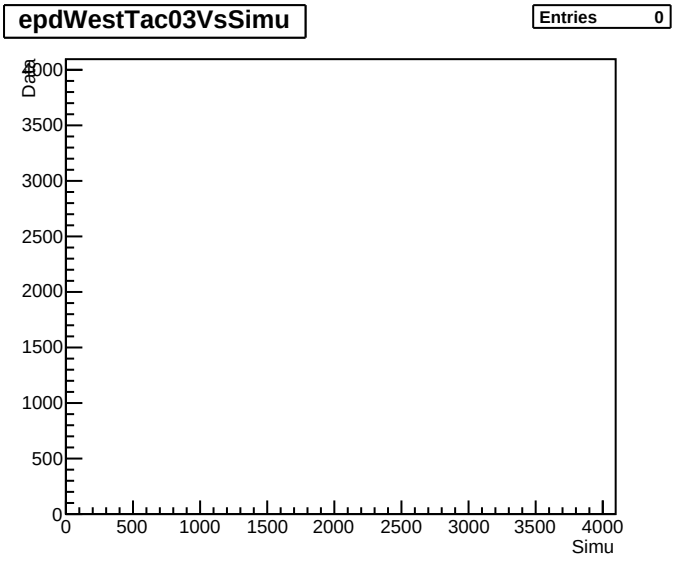
Entries 237567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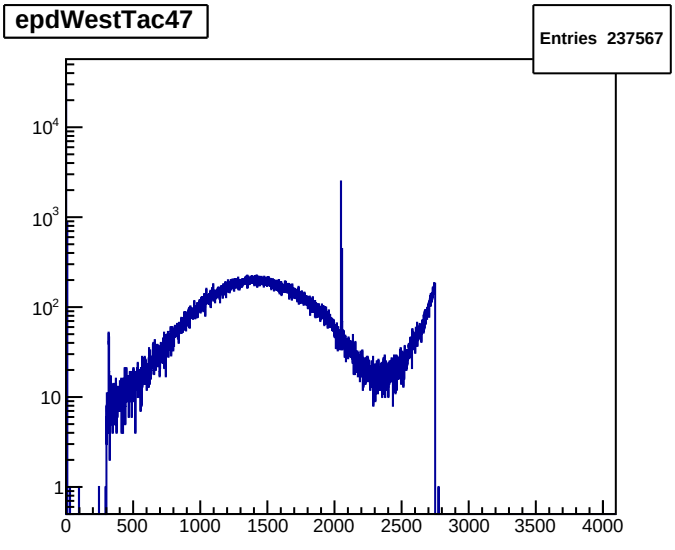
Entries 0
Data
Simu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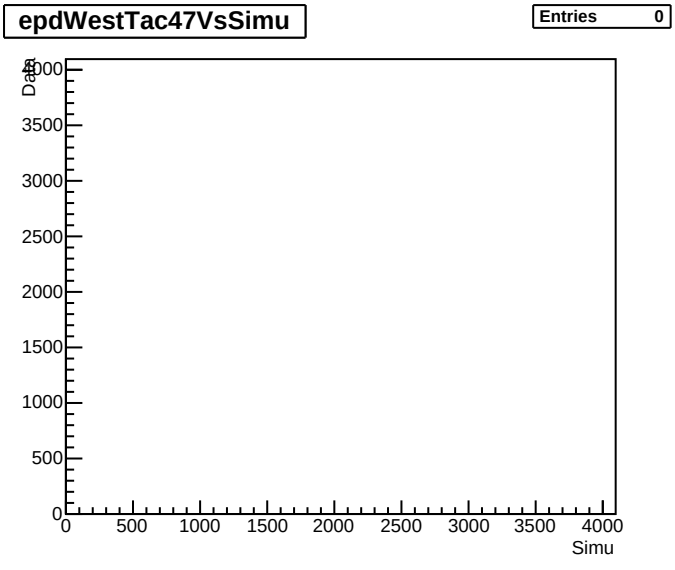
Entries 237567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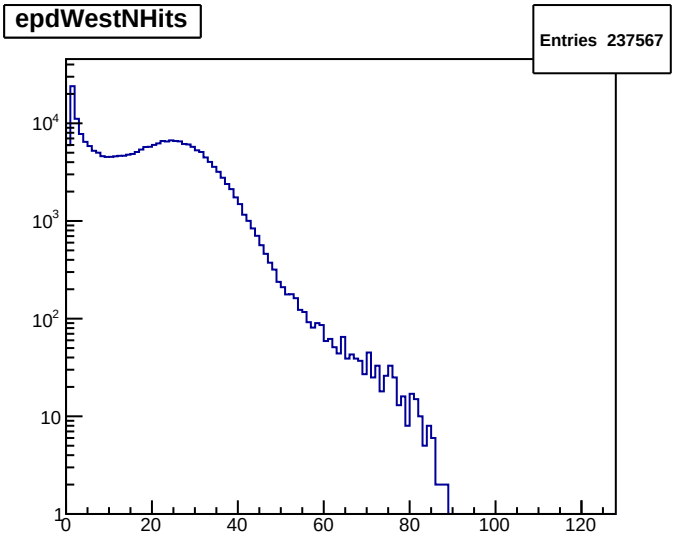
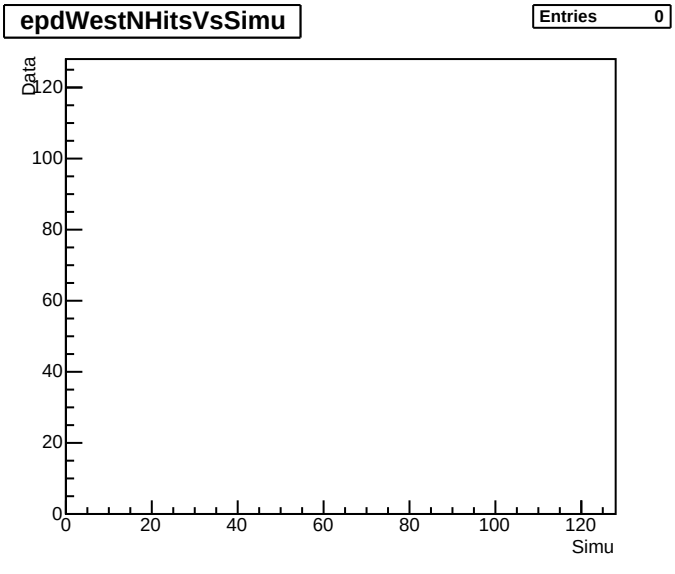
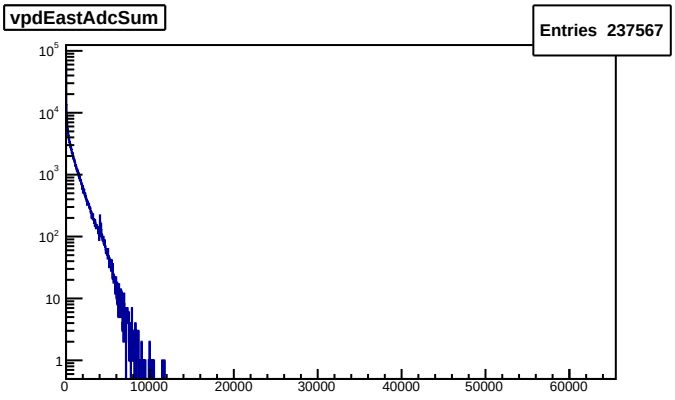
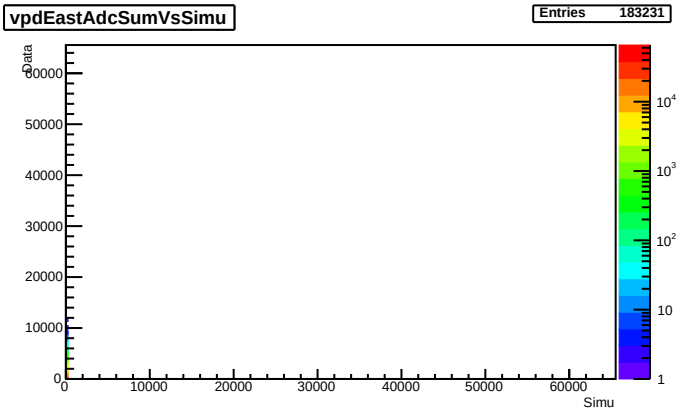
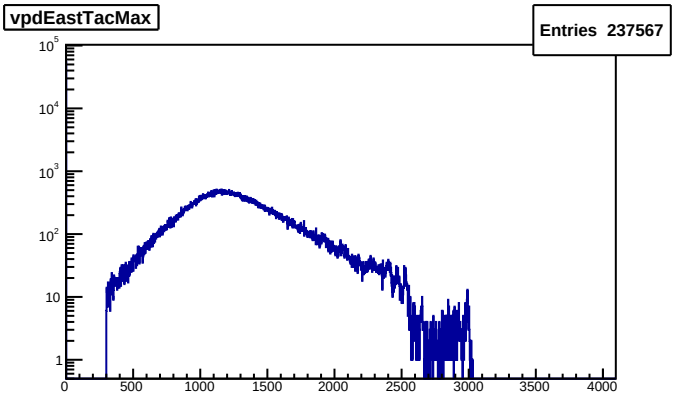
Entries 0
Data
Simu

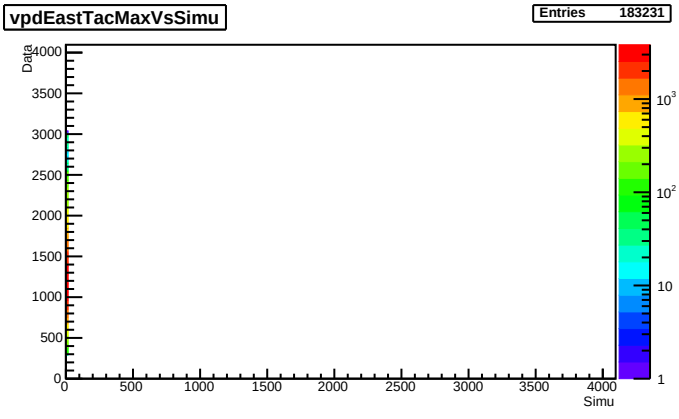

epdWestNHits
Entries 237567


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 237567


vpdEastAdcSumVsSimu
Entries 183231
Data
Simu


vpdEastTacMax
Entries 237567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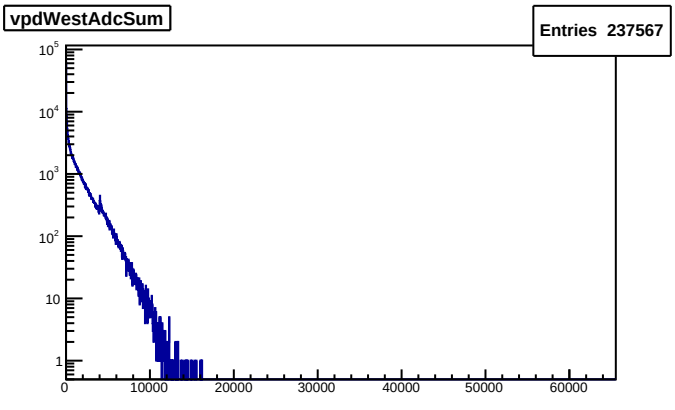
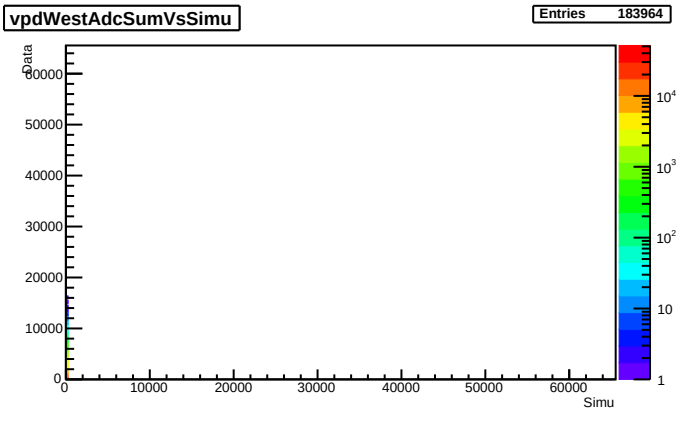
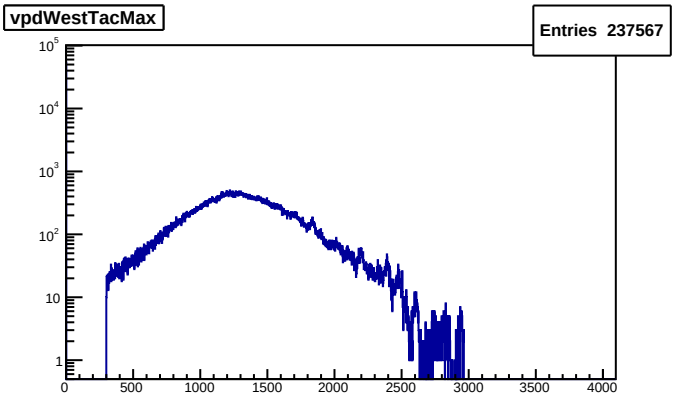
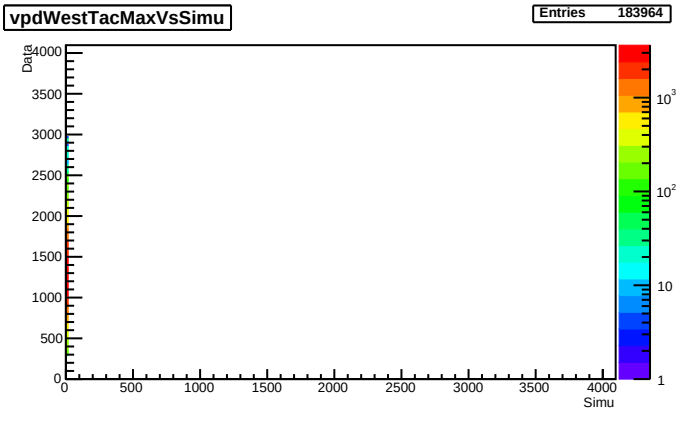
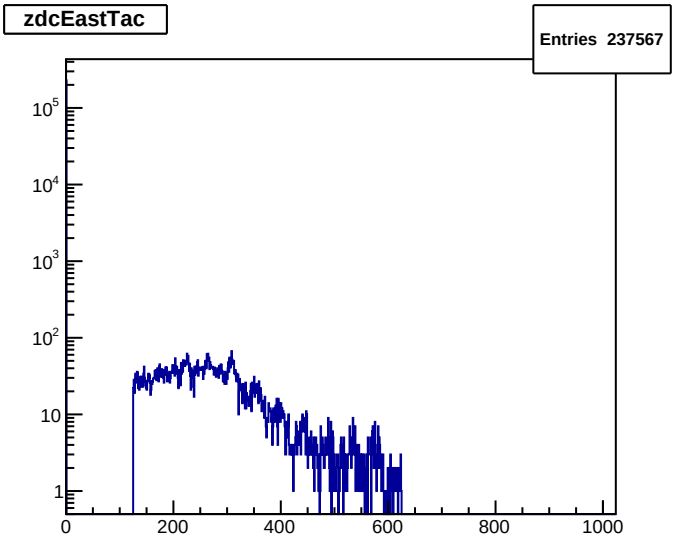
Entries 183231
Data
Simu

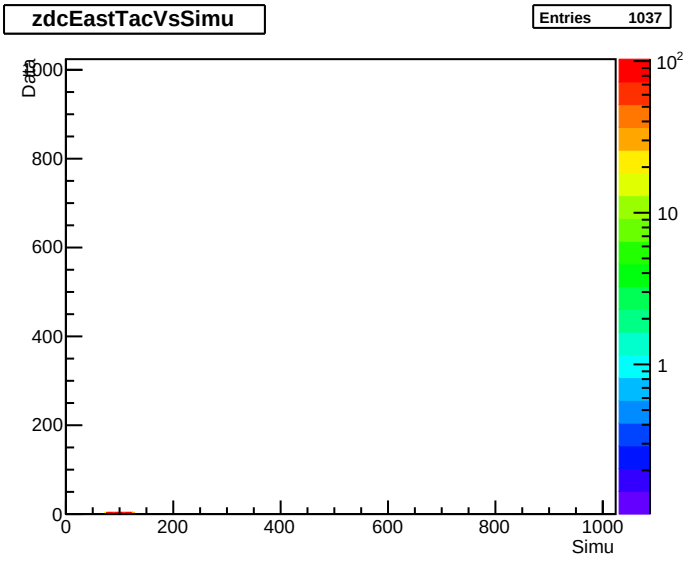

vpdWestAdcSum
Entries 237567

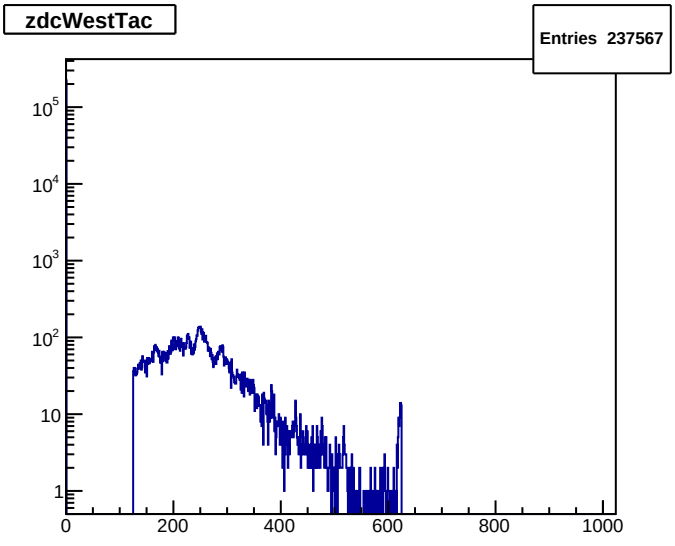

vpdWestAdcSumVsSimu
Entries 183964
Data
Simu

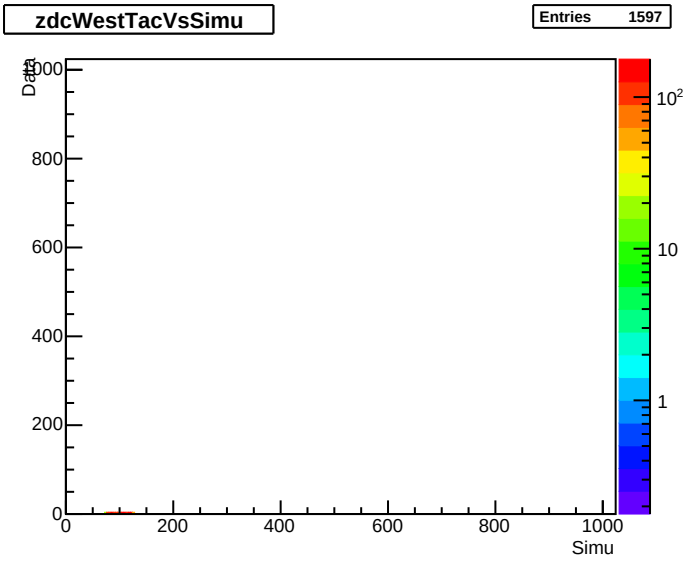

vpdWestTacMax
Entries 237567

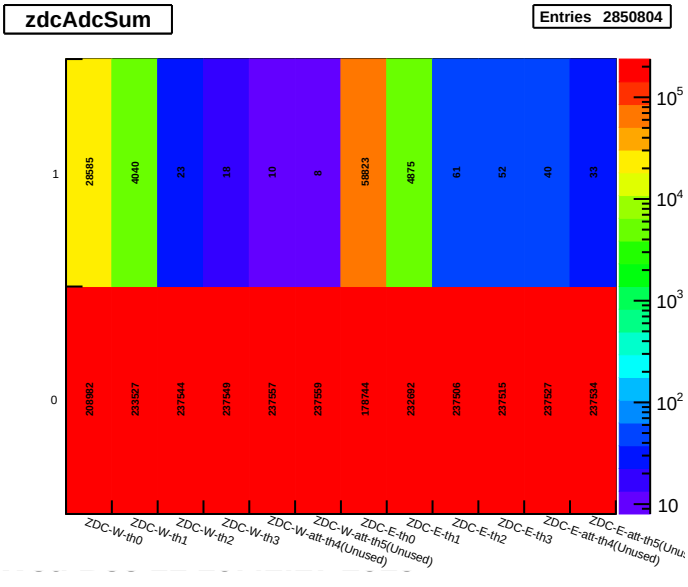

vpdWestTacMaxVsSimu
Entries 183964
Data
Simu

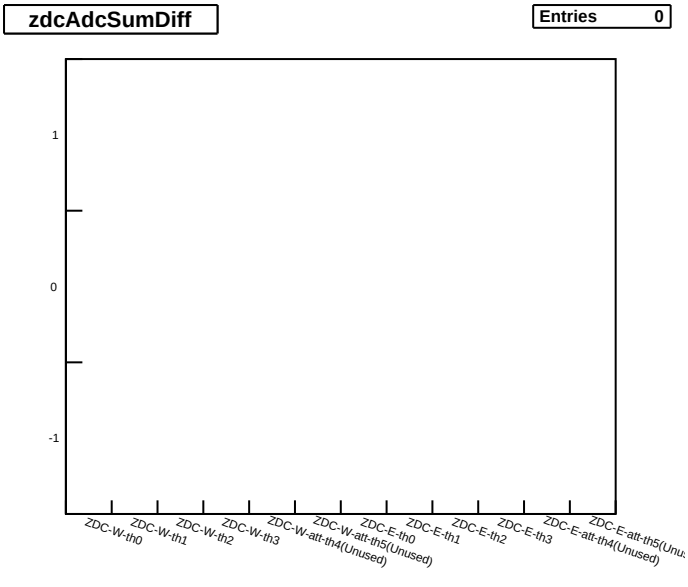

zdcEastTac
Entries 237567

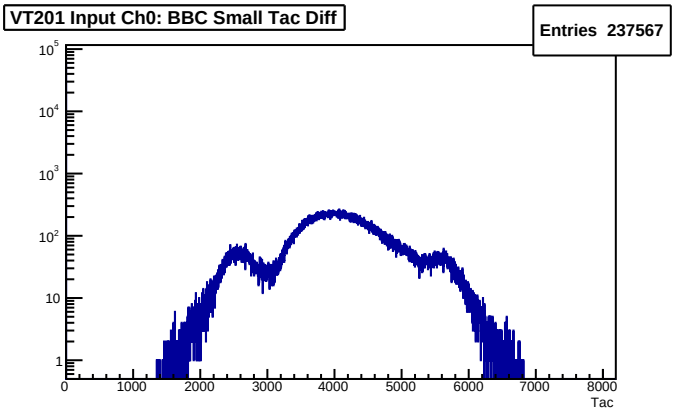

zdcEastTacVsSimu
Entries 1037
Data
Simu

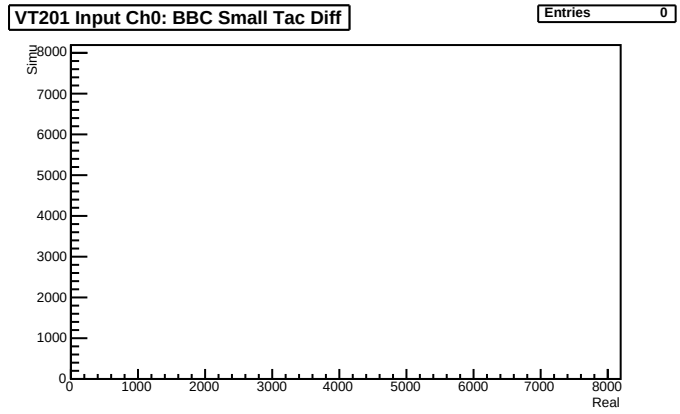

zdcWestTac
Entries 237567

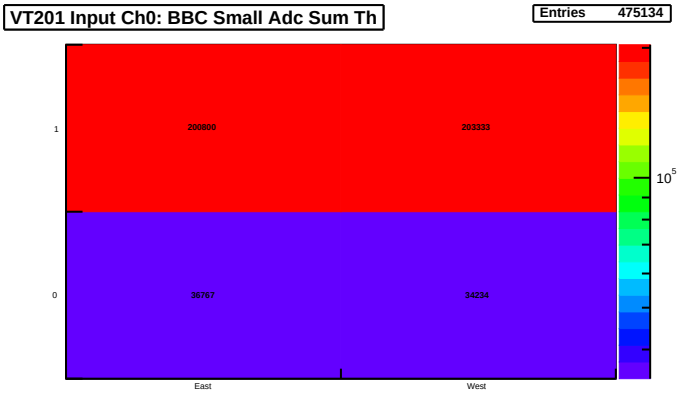

zdcWestTacVsSimu
Entries 1597
Data
Simu

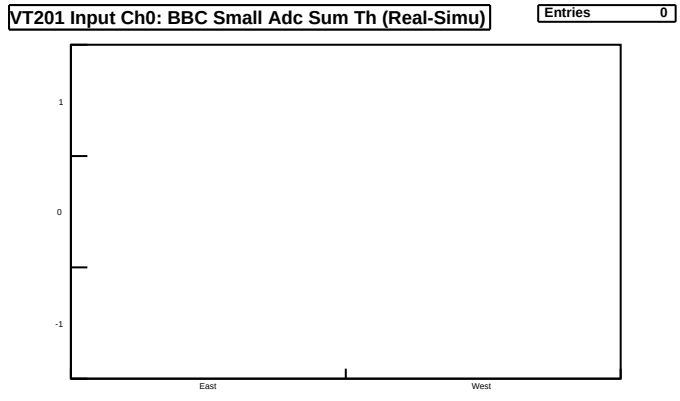

zdcAdcSum
Entries 2850804
28585
4040
23
18
10
8
58823
4875
61
52
40
33
208982
233527
237544
237549
237557
237559
178744
232692
237506
237515
237527
237534
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

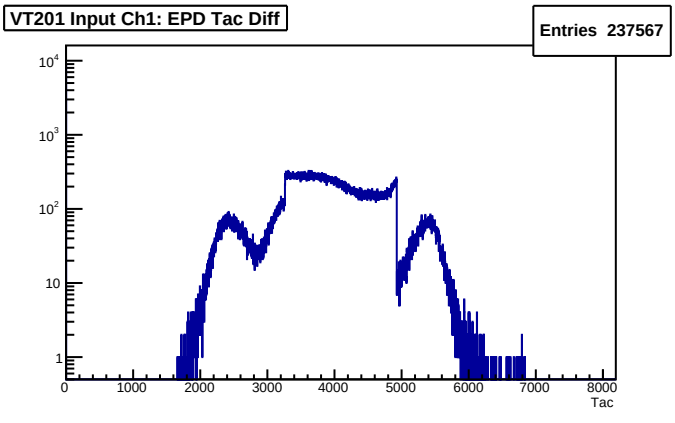

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

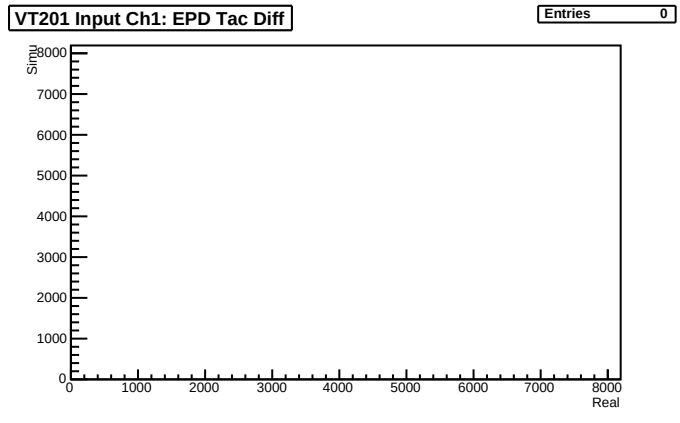

VT201 Input Ch0: BBC Small Tac Diff
Entries 237567
Tac

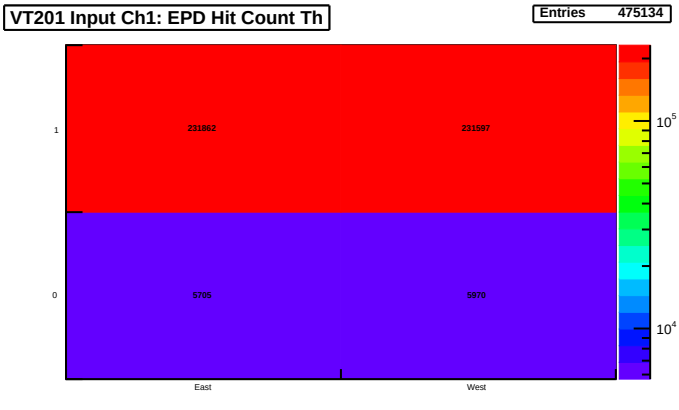

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

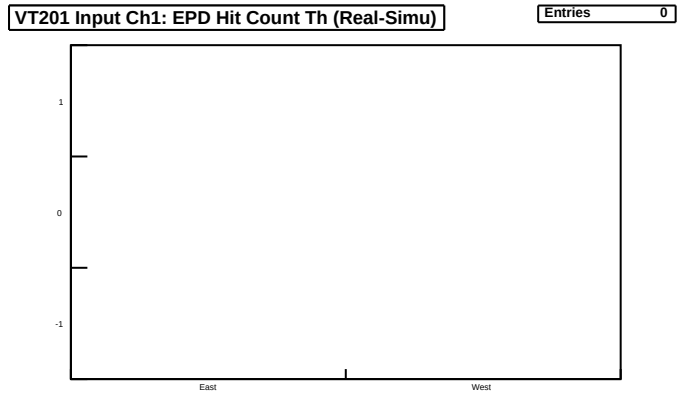

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 475134
200800
203333
36767
34234
East
West

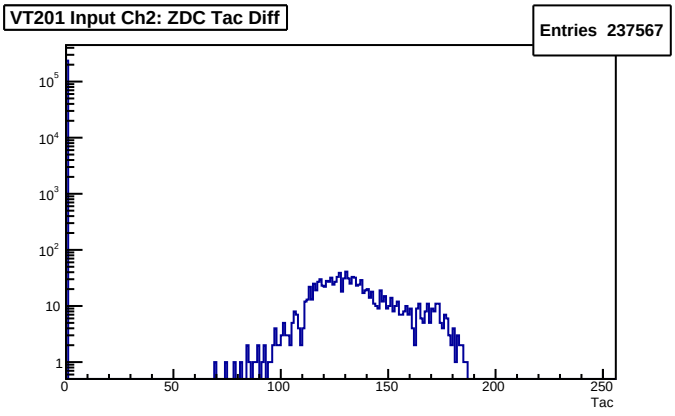

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

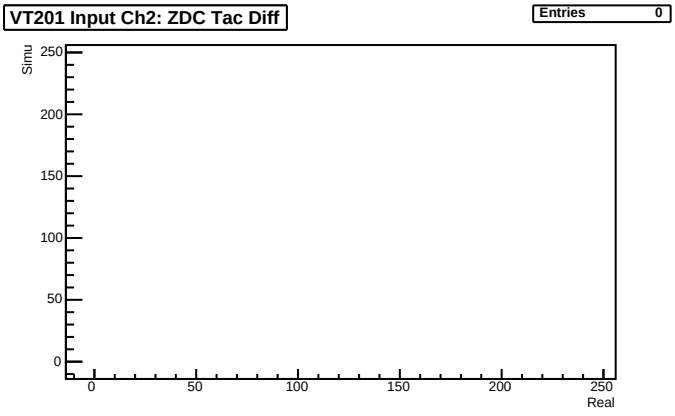

VT201 Input Ch1: EPD Tac Diff
Entries 237567
Tac

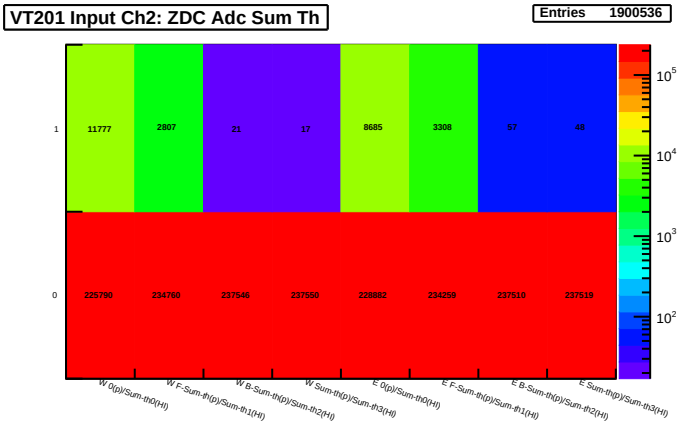

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

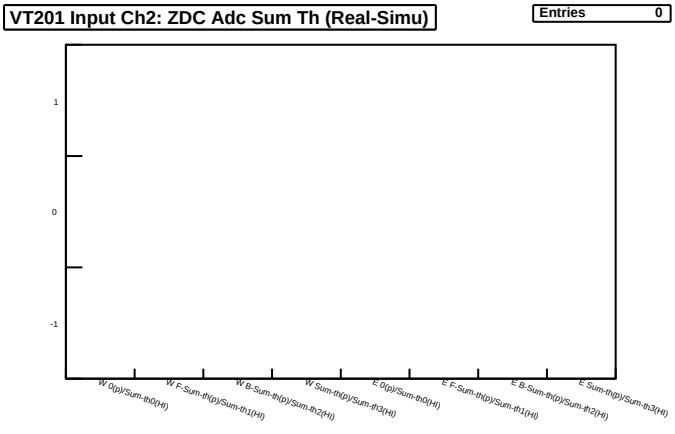

VT201 Input Ch1: EPD Hit Count Th
Entries 475134
231862
231597
5705
5970
East
West

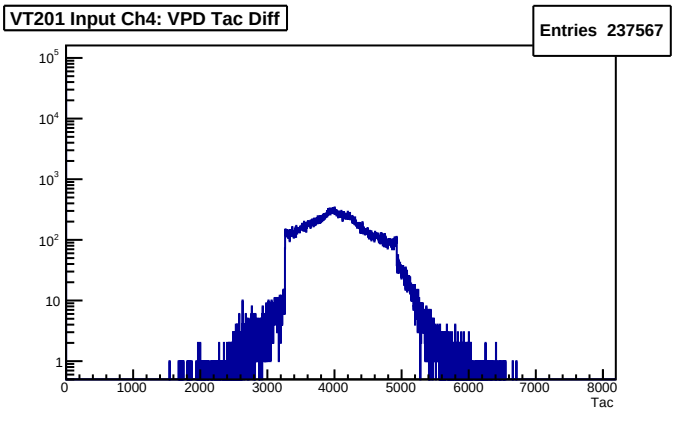

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

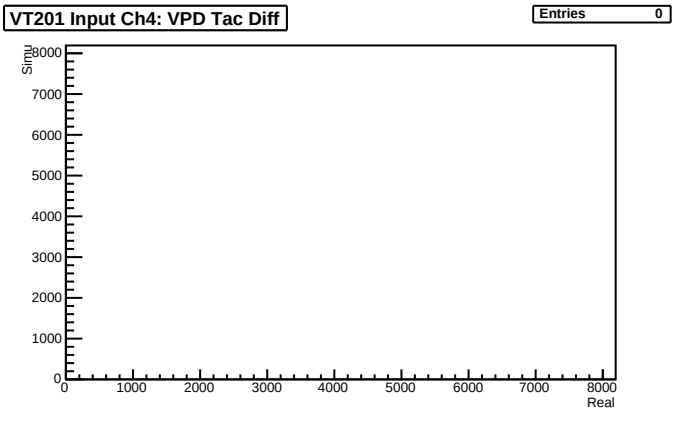

VT201 Input Ch2: ZDC Tac Diff
Entries 237567
Tac

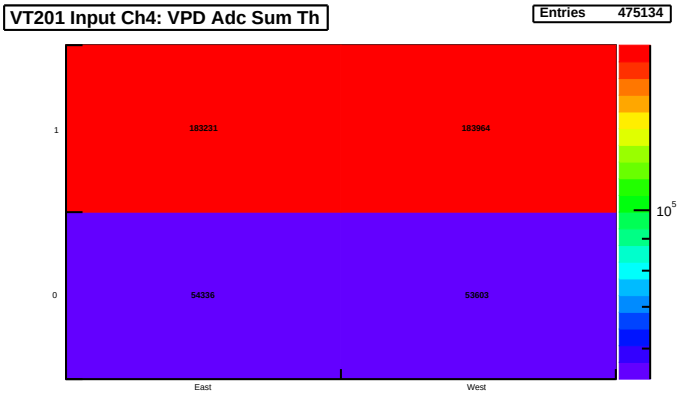

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

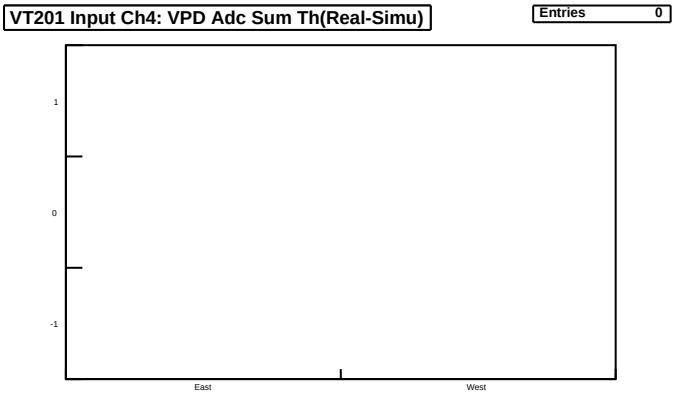

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1900536
11777
2807
21
17
8685
3308
57
48
225790
234760
237546
237550
228882
234259
237510
237519
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

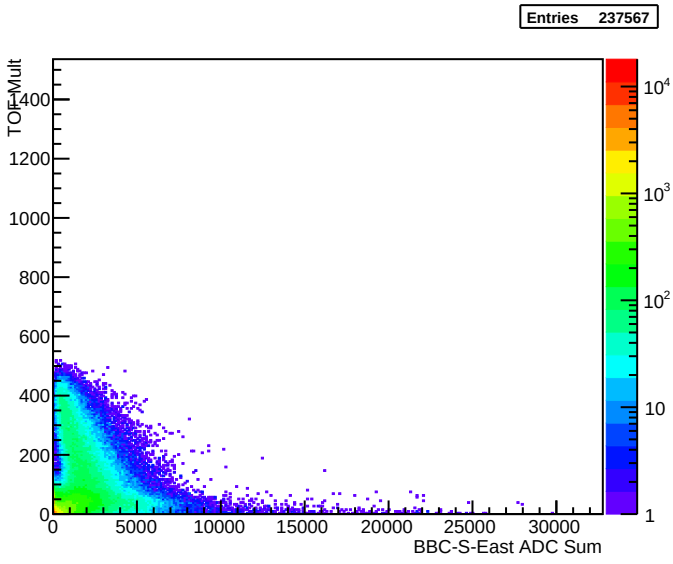

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

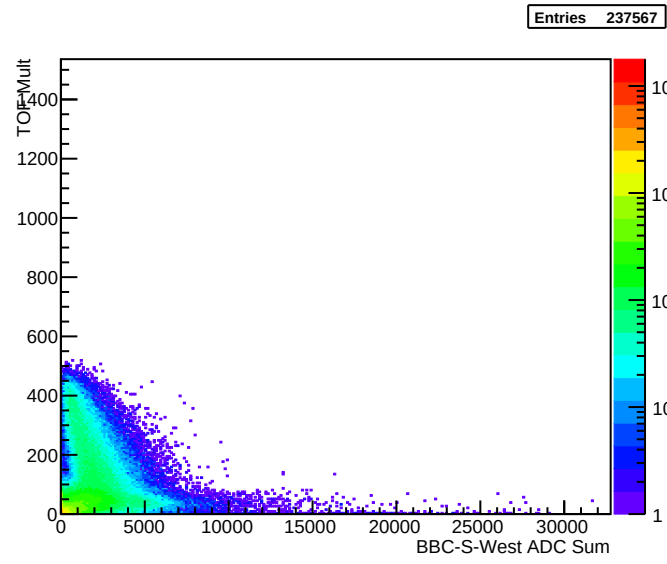

VT201 Input Ch4: VPD Tac Diff
Entries 237567
Tac

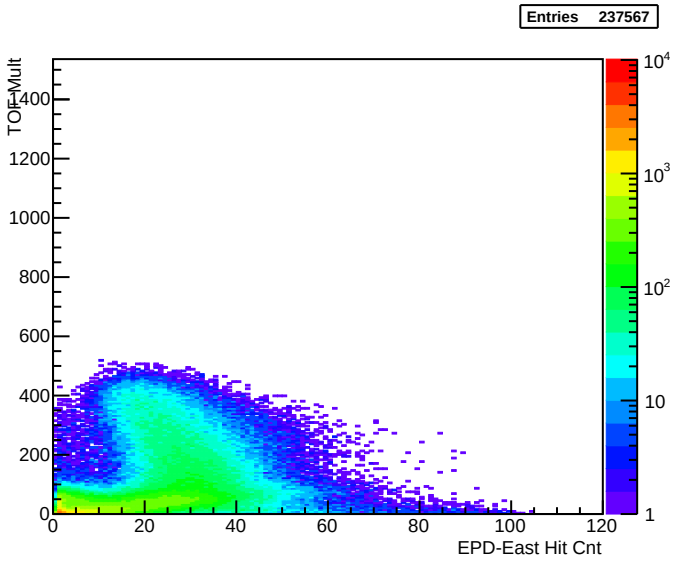

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

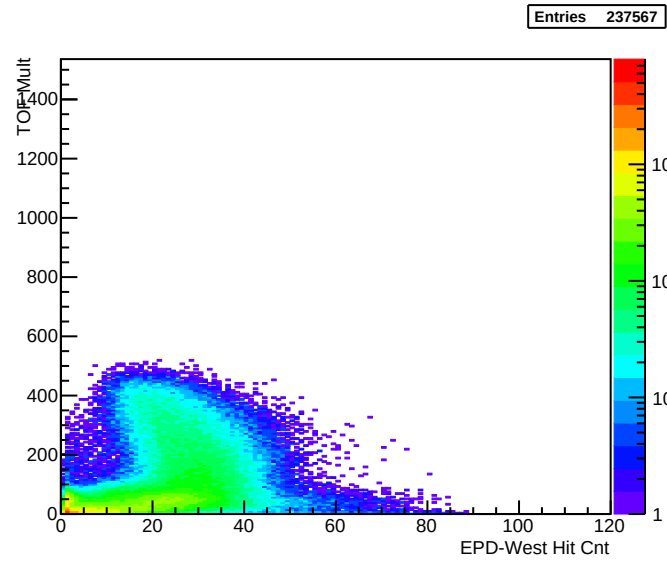

VT201 Input Ch4: VPD Adc Sum Th
Entries 475134
183231
183964
54336
53603
East
West

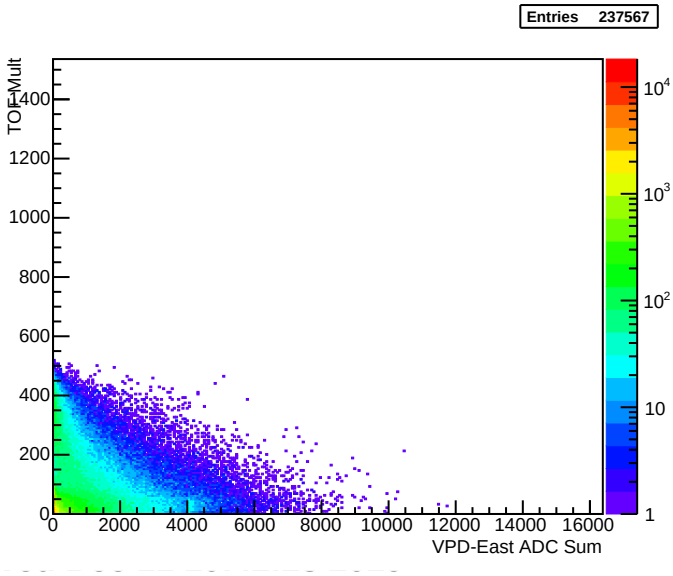

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

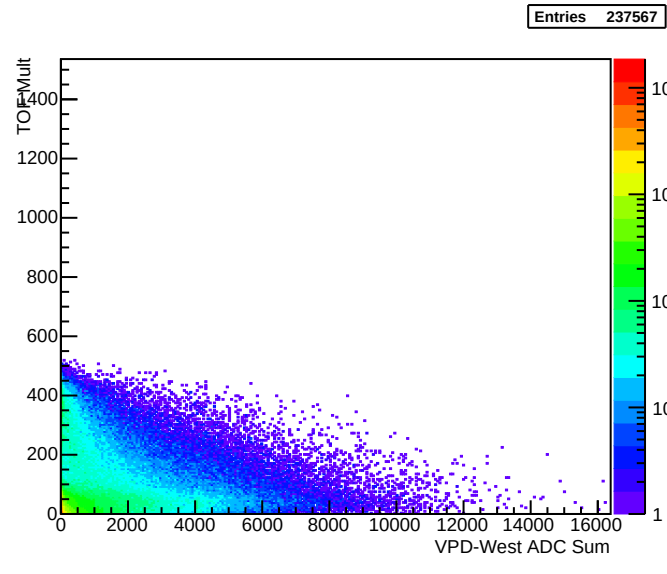

Entries 237567
TOF-Mult
BBC-S-East ADC Sum

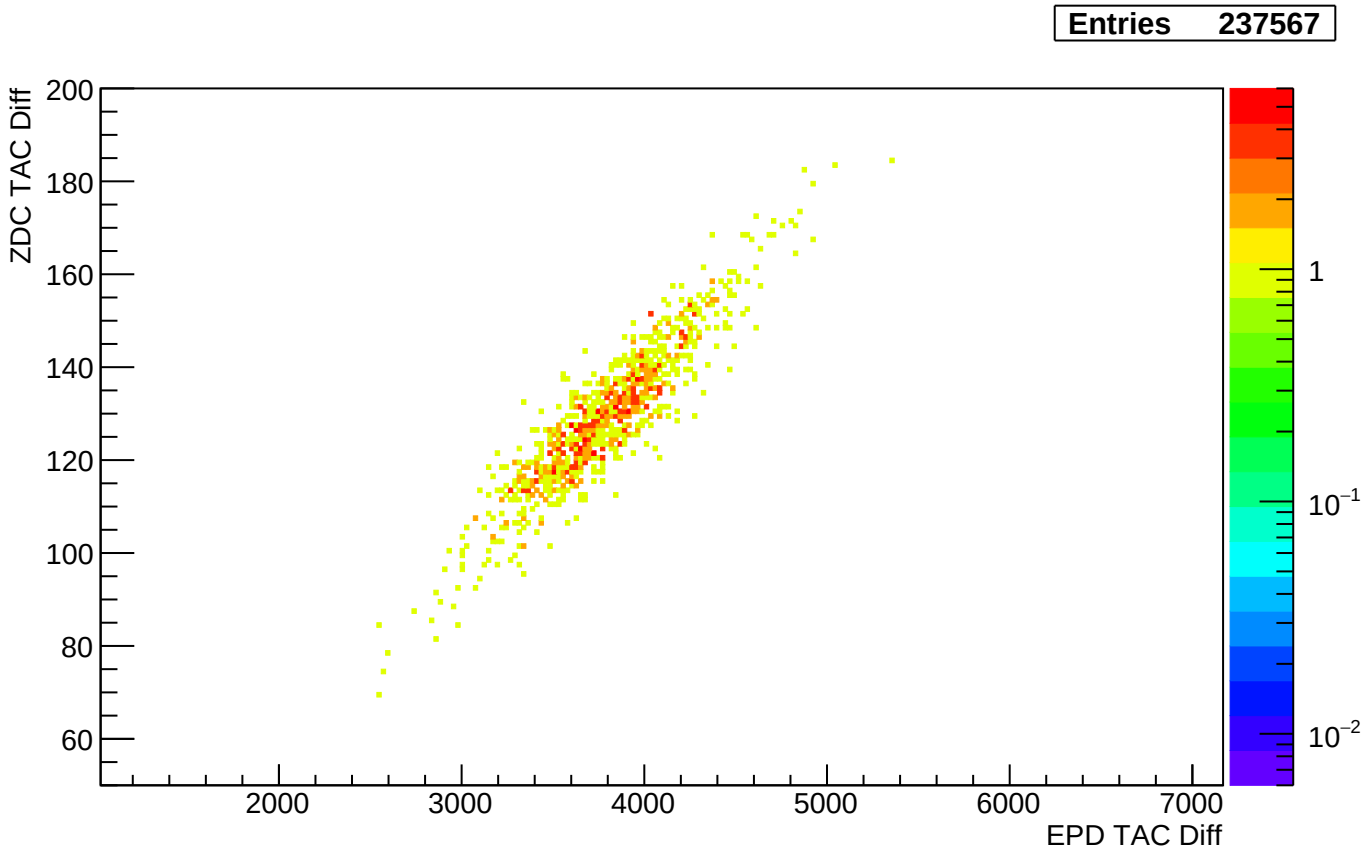

Entries 237567
TOF-Mult
BBC-S-West ADC Sum

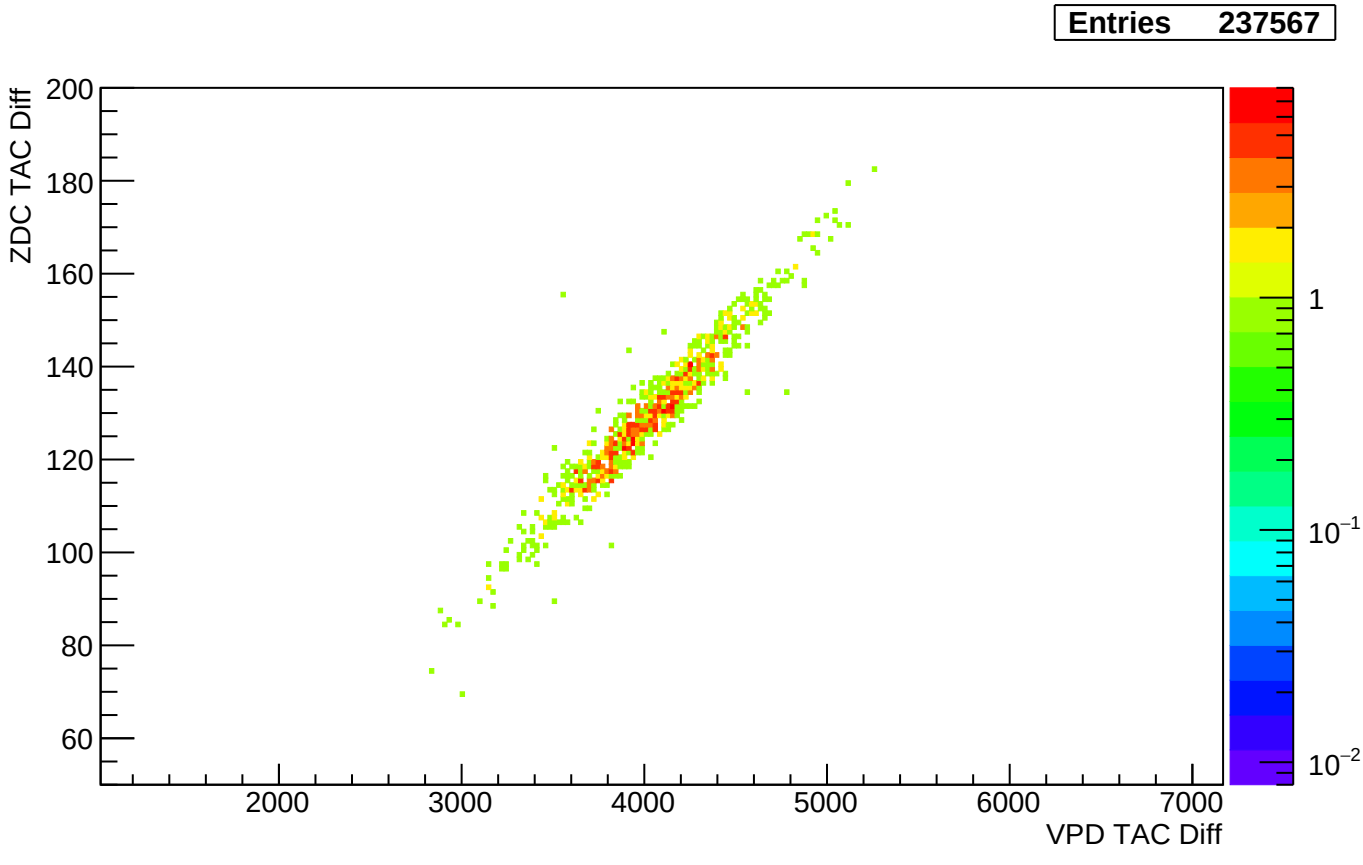

Entries 237567
TOF-Mult
EPD-East Hit Cnt

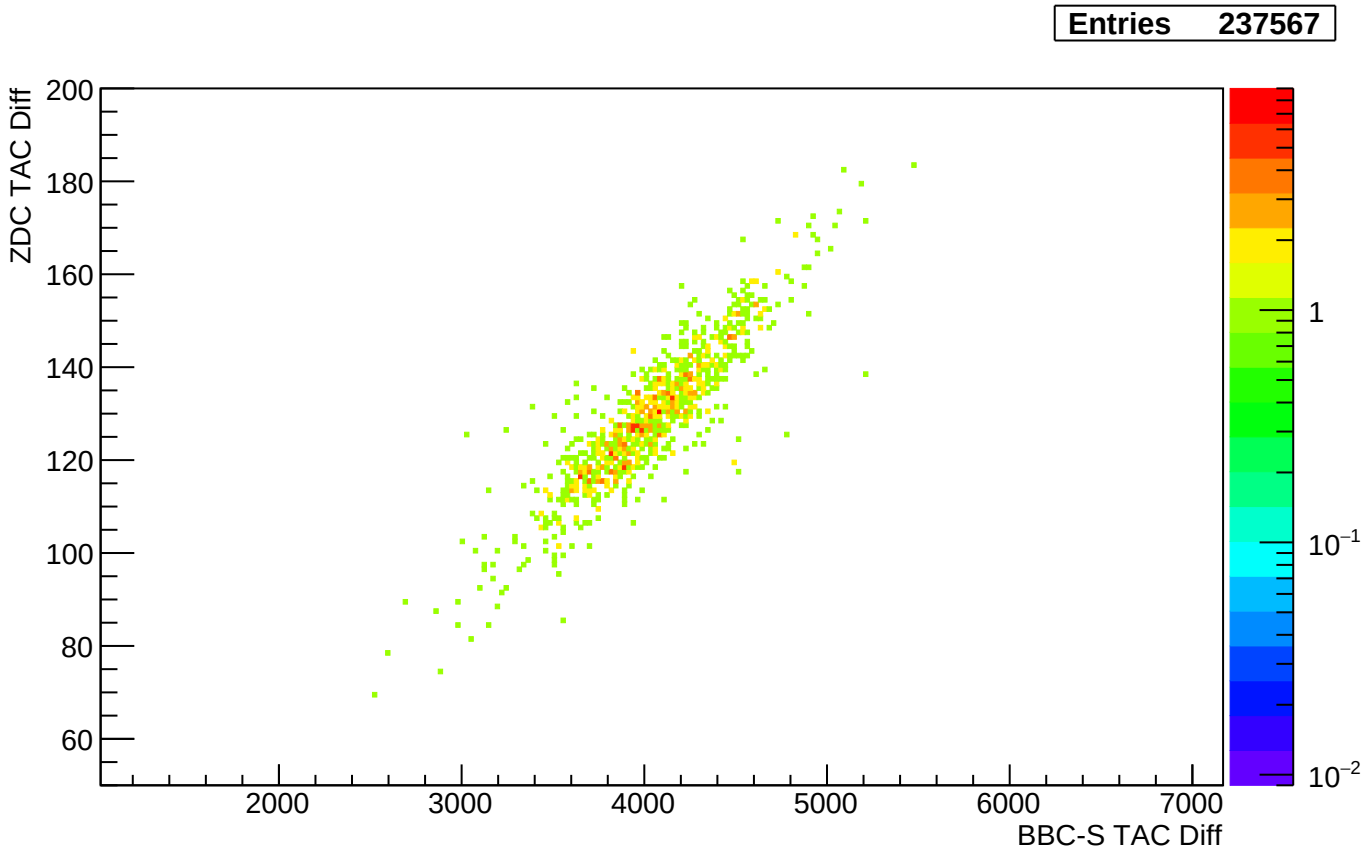

Entries 237567
TOF-Mult
EPD-West Hit Cnt

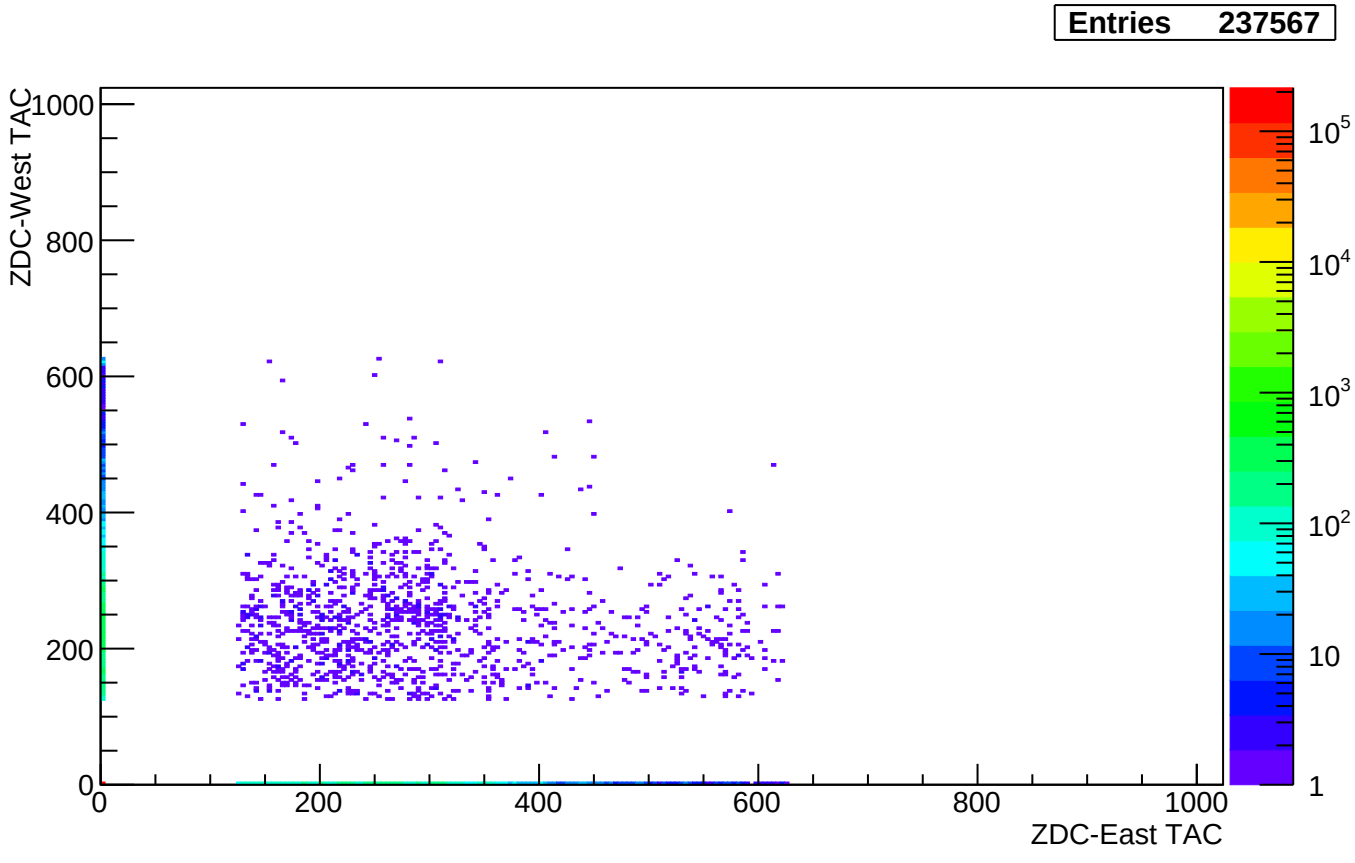

Entries 237567
TOF-Mult
VPD-East ADC Sum

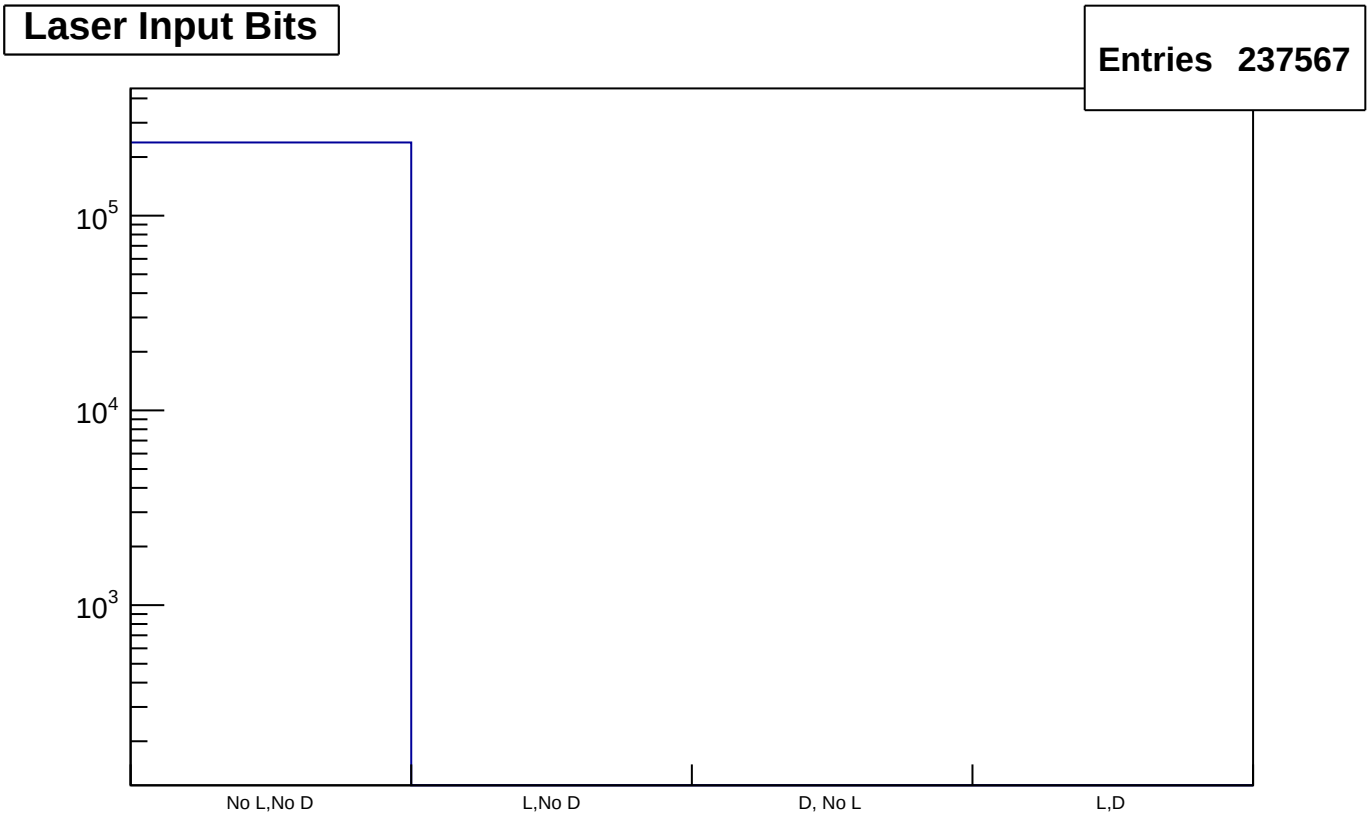

Entries 237567
TOF-Mult
VPD-West ADC Sum

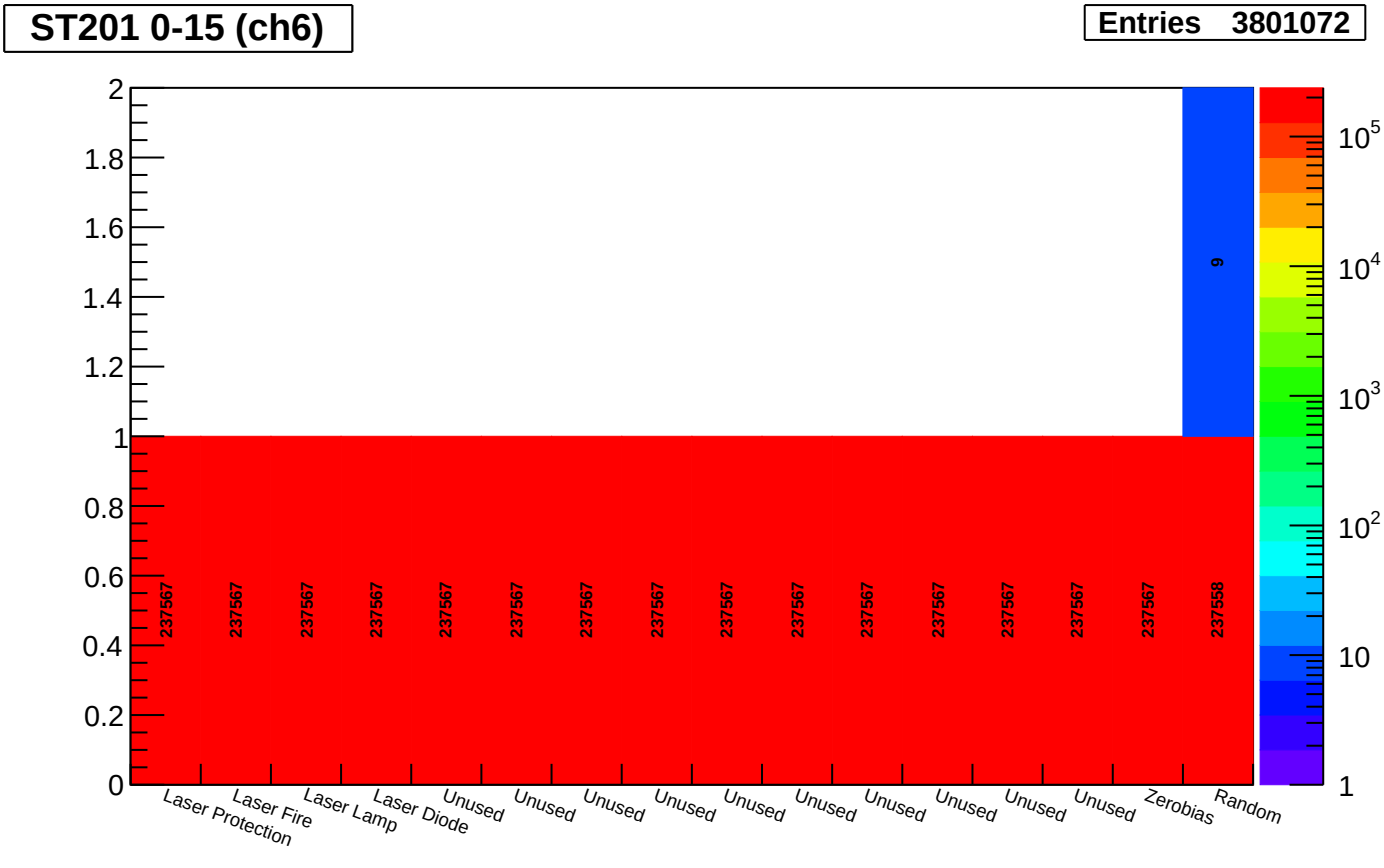

Entries 237567
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

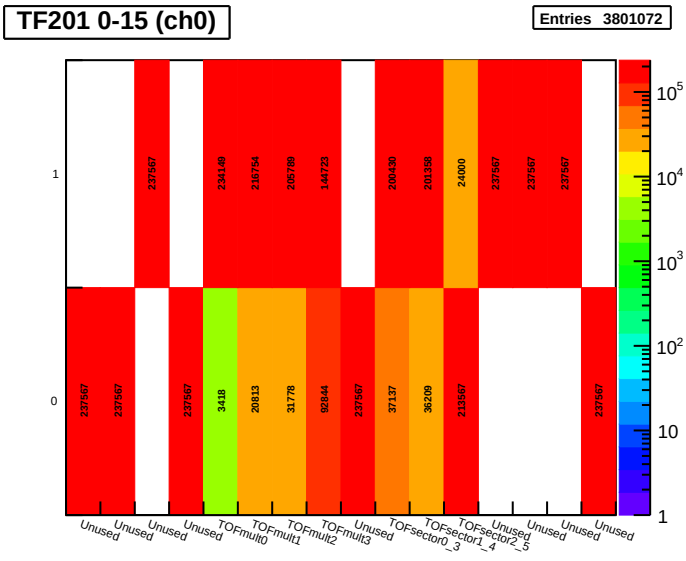

Entries 237567
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

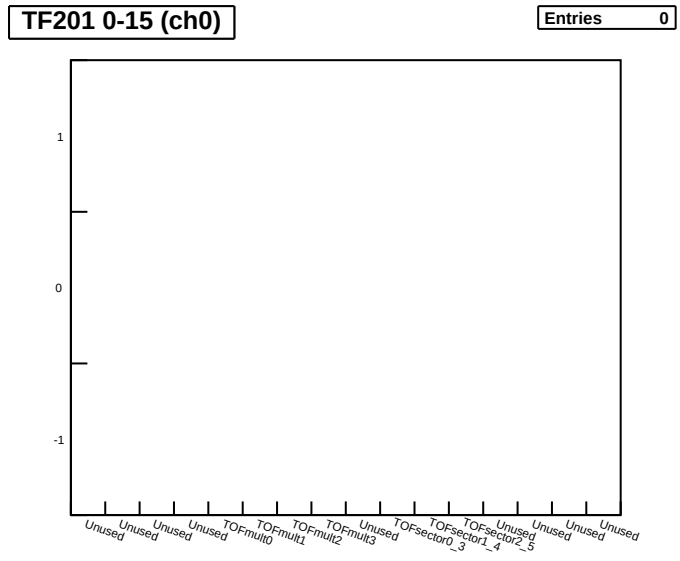

Entries 237567
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

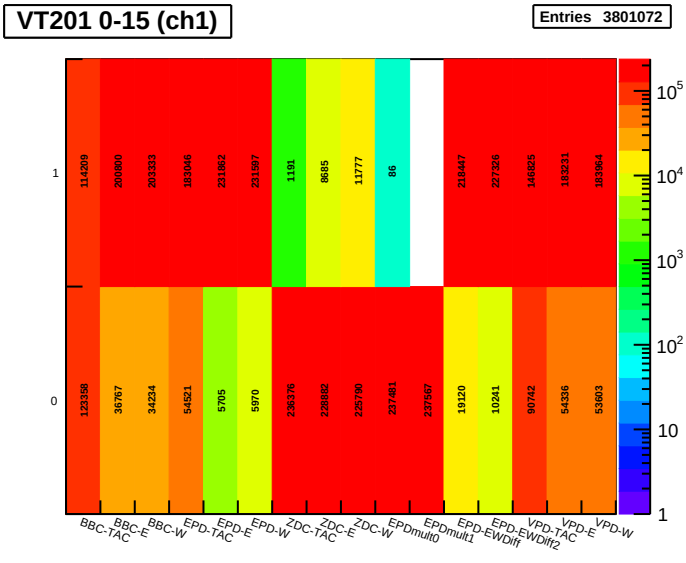

Entries 237567
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

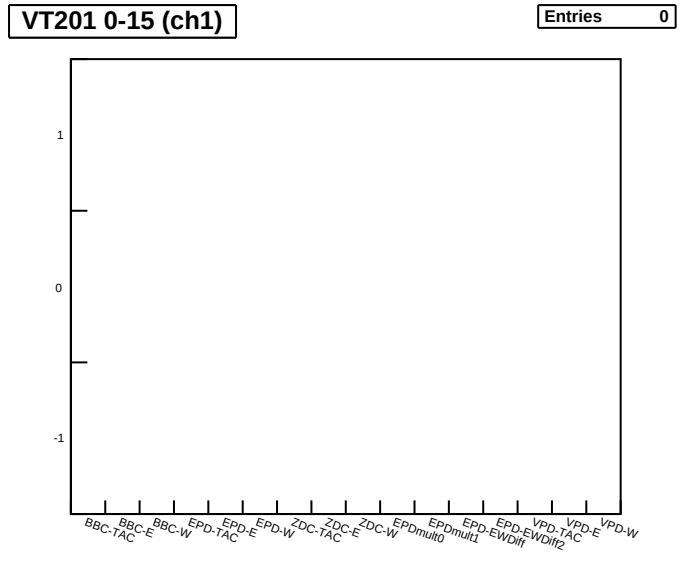

Laser Input Bits
Entries 237567
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

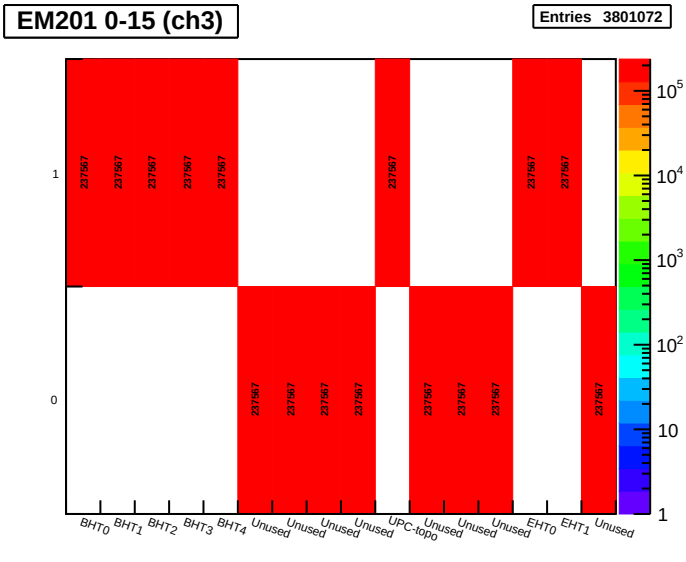

ST201 0-15 (ch6)
Entries 3801072
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
237567
237558
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

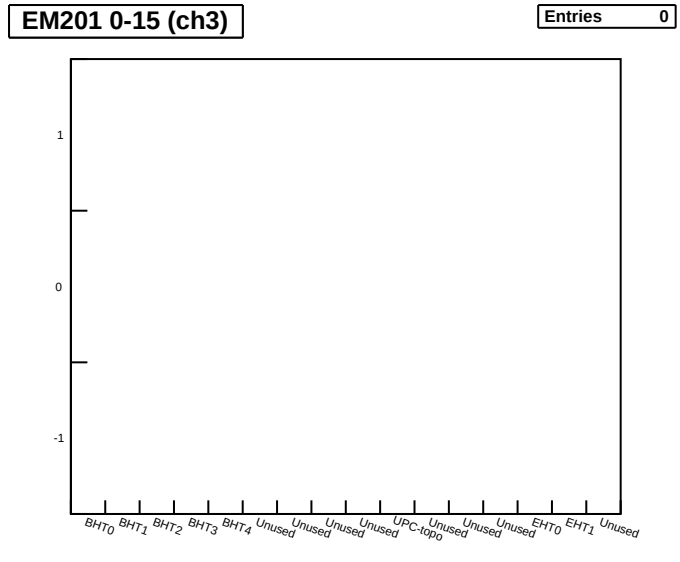

TF201 0-15 (ch0)
Entries 3801072
1
0
237567
234149
216754
205789
144723
200430
201358
24000
237567
237567
237567
237567
237567
237567
3418
20813
31778
92844
237567
37137
36209
213567
237567
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 3801072
1
0
114209
200800
203333
183046
231862
231597
1191
8685
11777
86
218447
227326
146825
183231
183964
123358
36767
34234
54521
5705
5970
236376
228882
225790
237481
237567
19120
10241
90742
54336
53603
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 3801072
1
0
237567
237567
237567
237567
237567
237567
237567
237567
237567
237567
237567
237567
237567
237567
237567
237567
237567
237567
237567
237567
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1