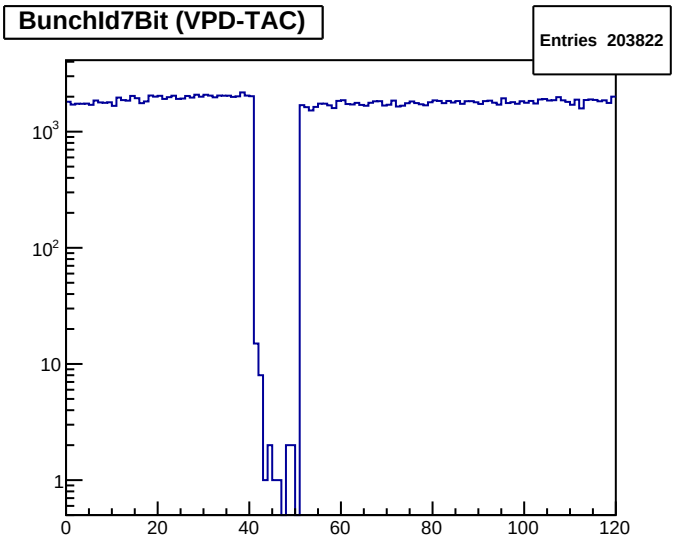
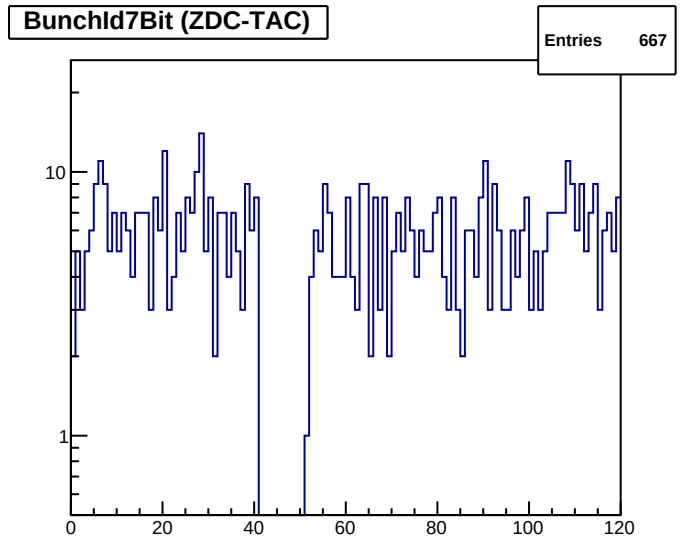
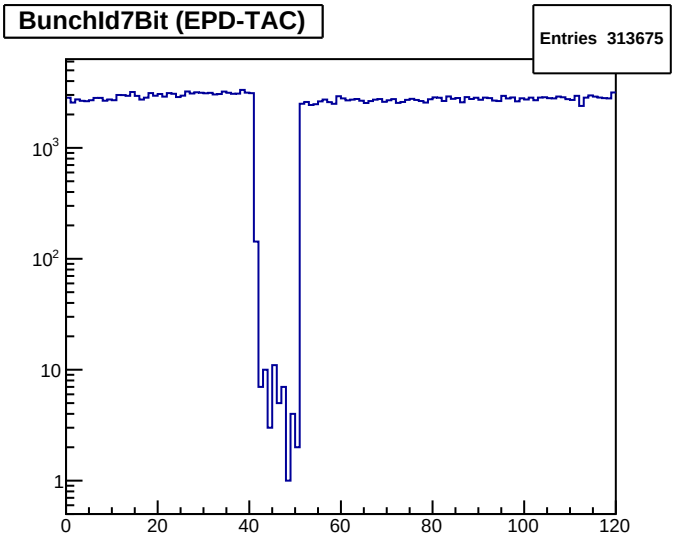
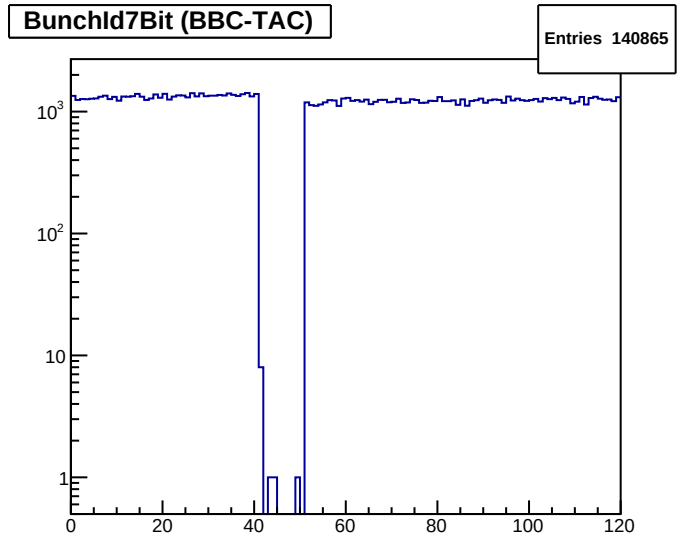
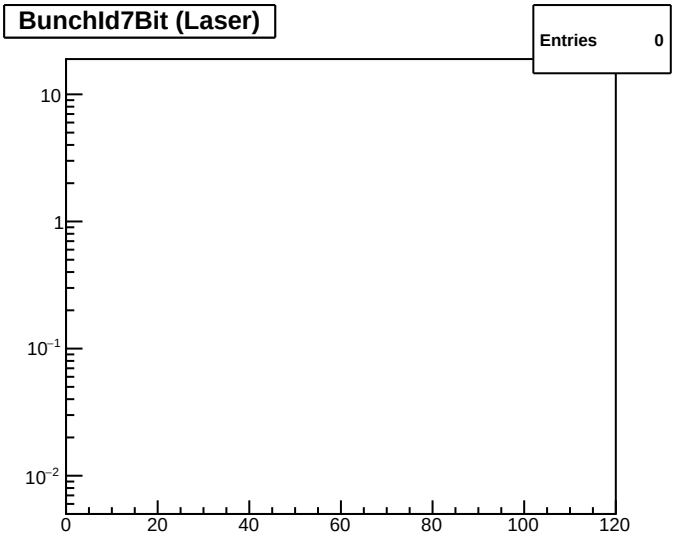
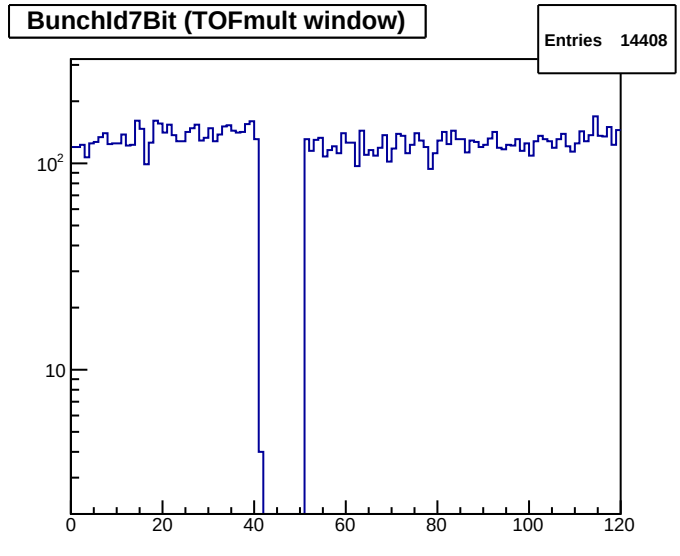

BunchId7Bit (VPD-TAC)
Entries 203822

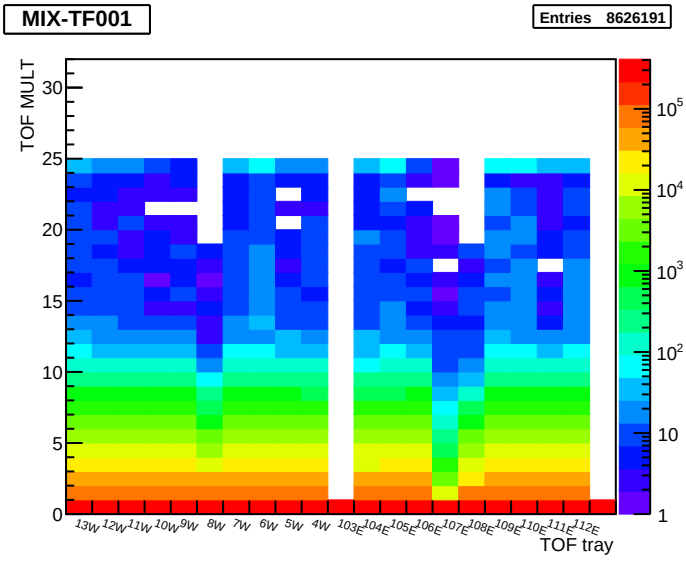

BunchId7Bit (ZDC-TAC)
Entries 667

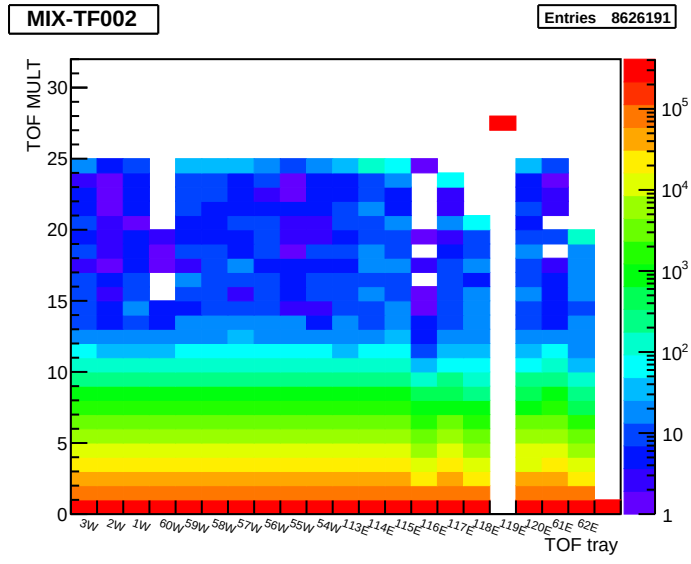

BunchId7Bit (EPD-TAC)
Entries 313675

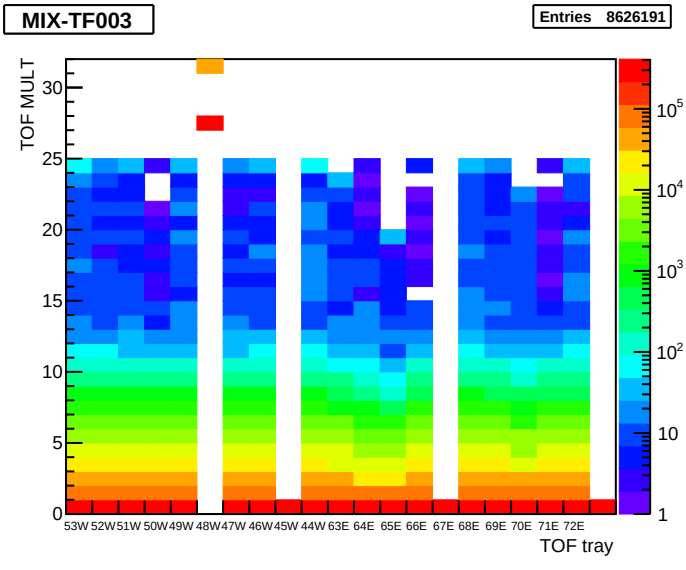

BunchId7Bit (BBC-TAC)
Entries 140865

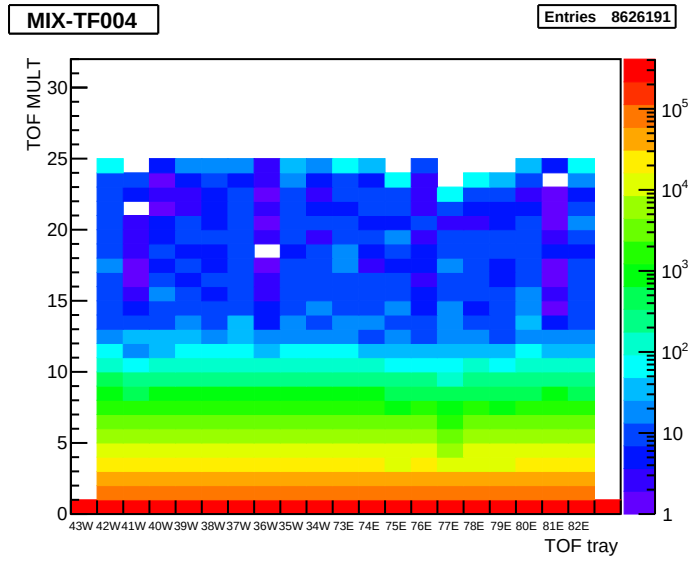

BunchId7Bit (Laser)
Entries 0

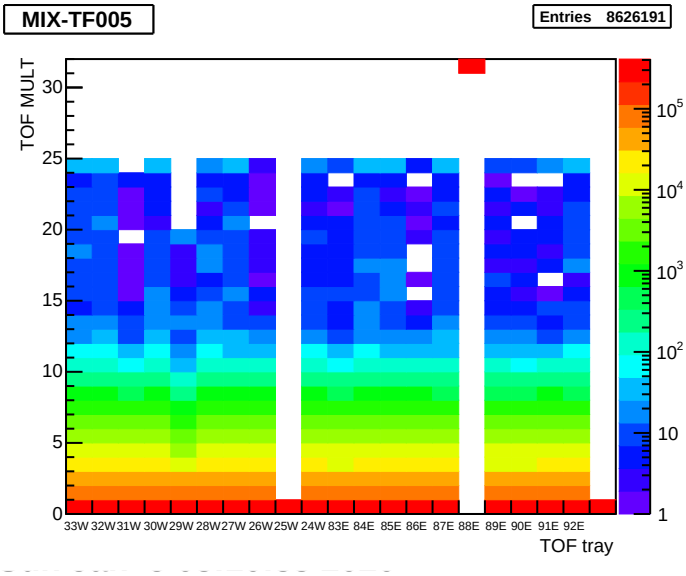

BunchId7Bit (TOFmult window)
Entries 14408

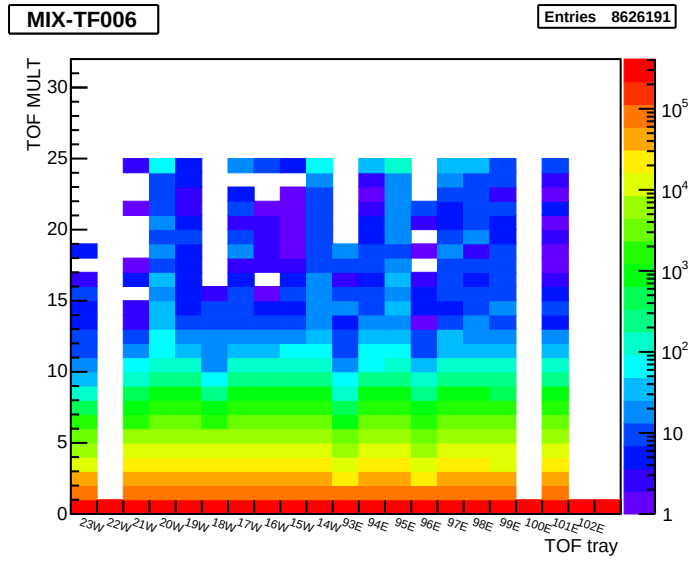

MIX-TF001
Entries 8626191
TOF MULT
TOF tray

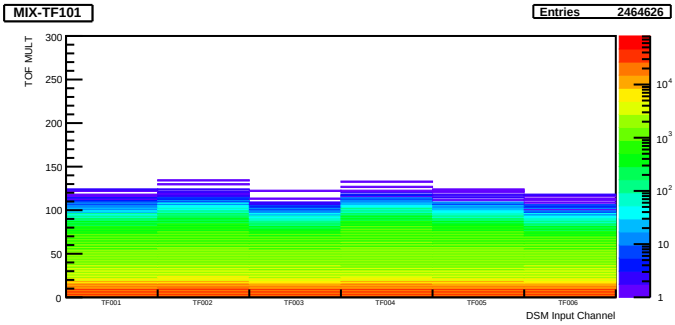

MIX-TF002
Entries 8626191
TOF MULT
TOF tray

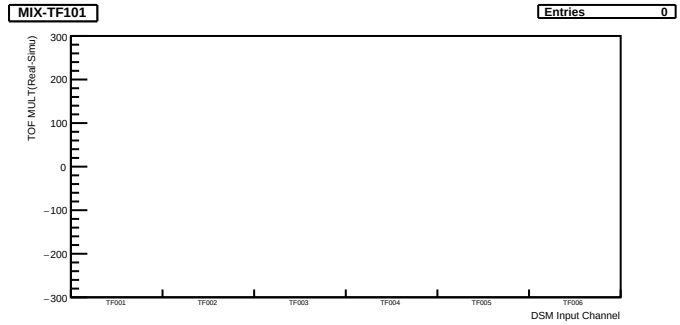

MIX-TF003
Entries 8626191
TOF MULT
TOF tray

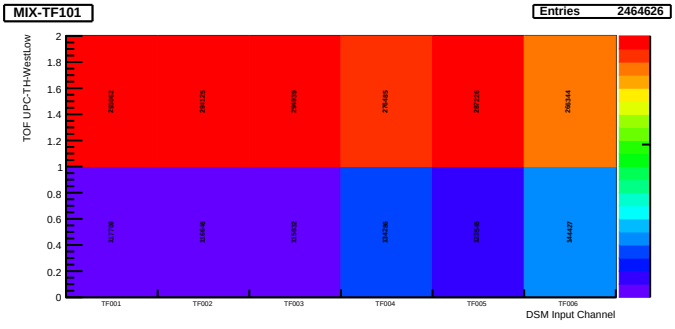

MIX-TF004
Entries 8626191
TOF MULT
TOF tray

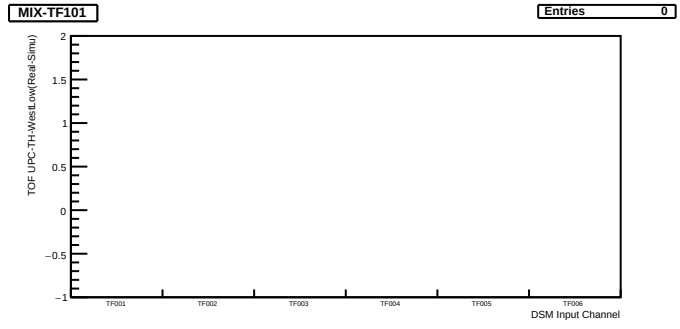

MIX-TF005
Entries 8626191
TOF MULT
TOF tray

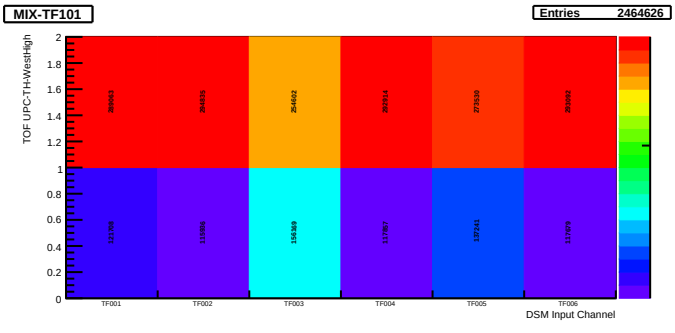

MIX-TF006
Entries 8626191
TOF MULT
TOF tray

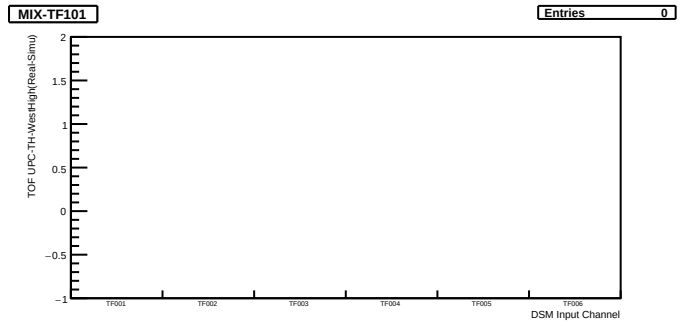

MIX-TF101
Entries 2464626
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

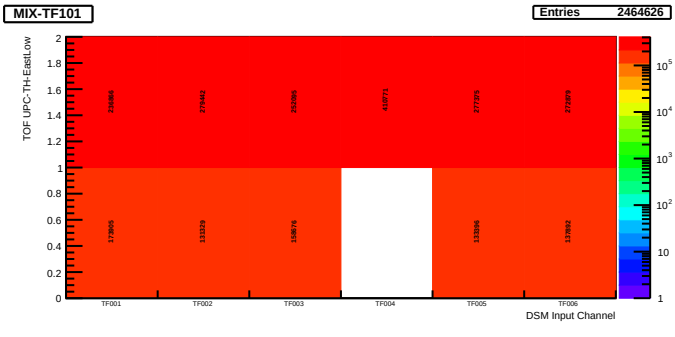

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

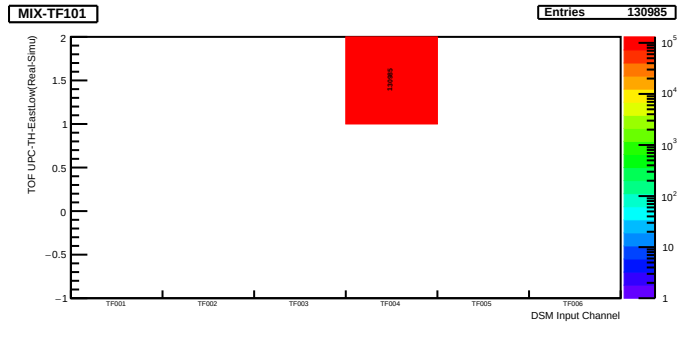

MIX-TF101
Entries 2464626
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

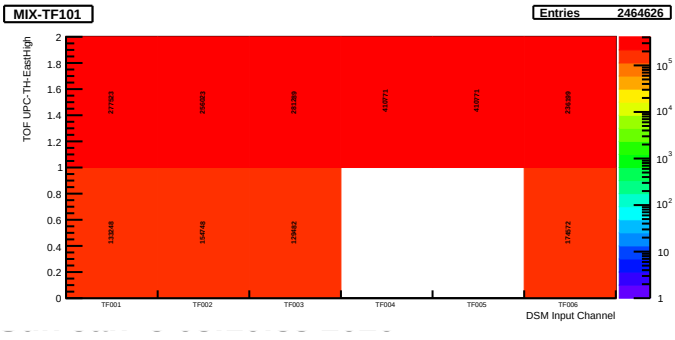

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

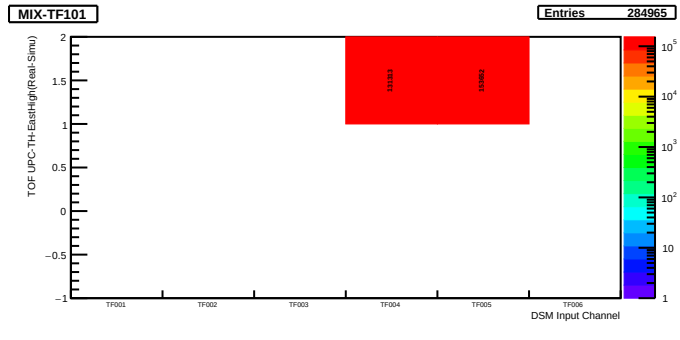

MIX-TF101
Entries 2464626
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

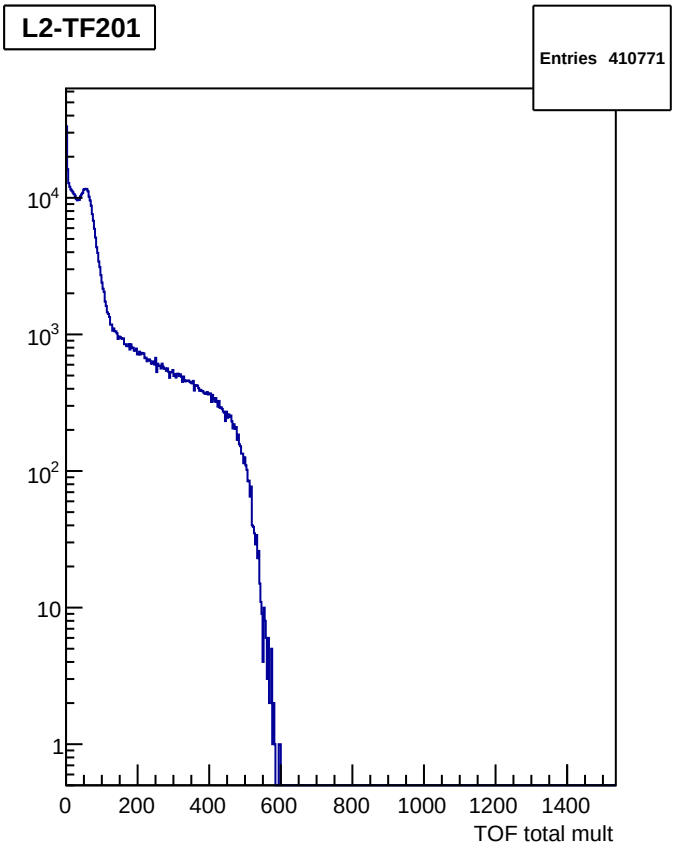

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

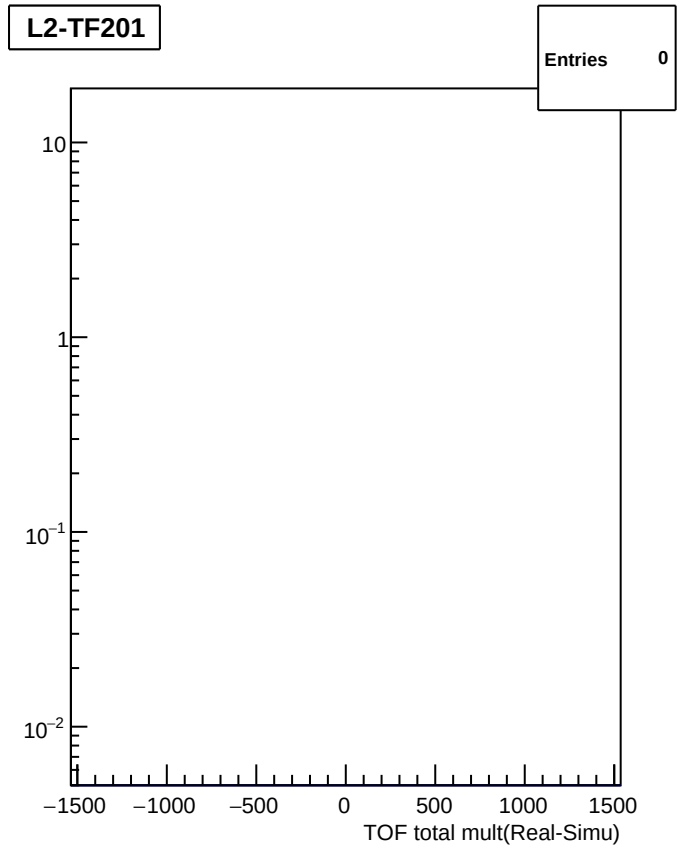

MIX-TF101
Entries 2464626
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

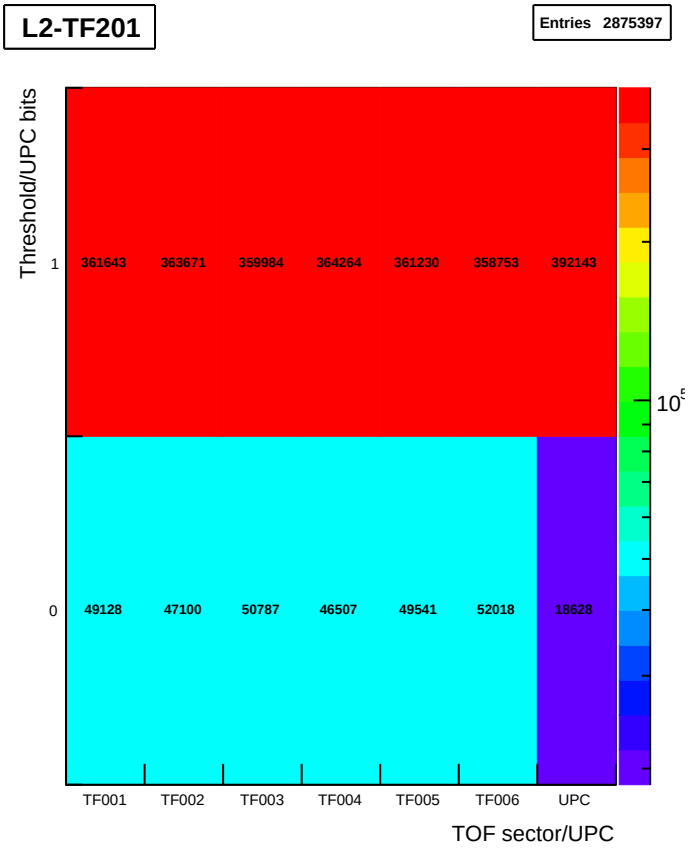

MIX-TF101
Entries 130985
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

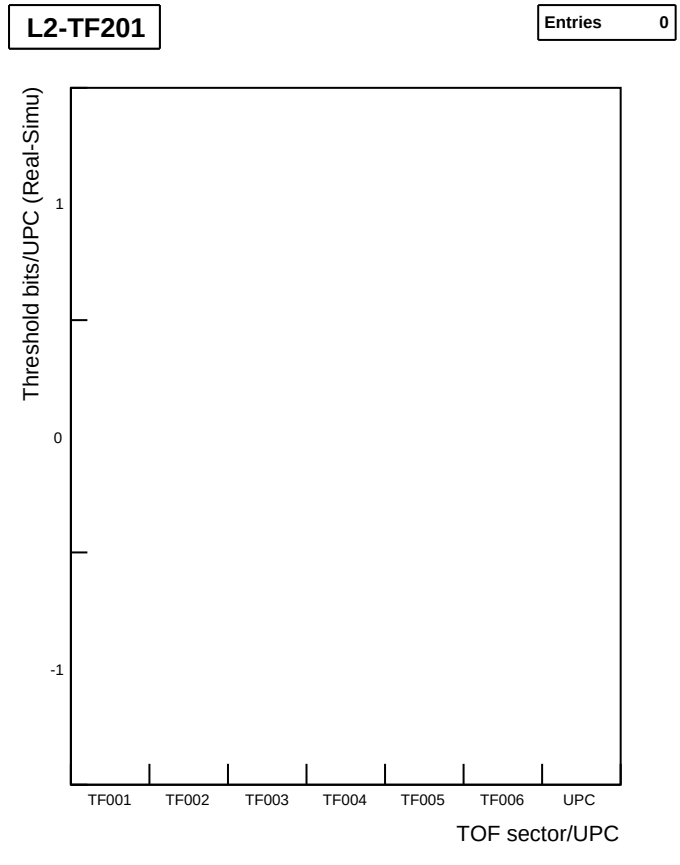

MIX-TF101
Entries 2464626
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

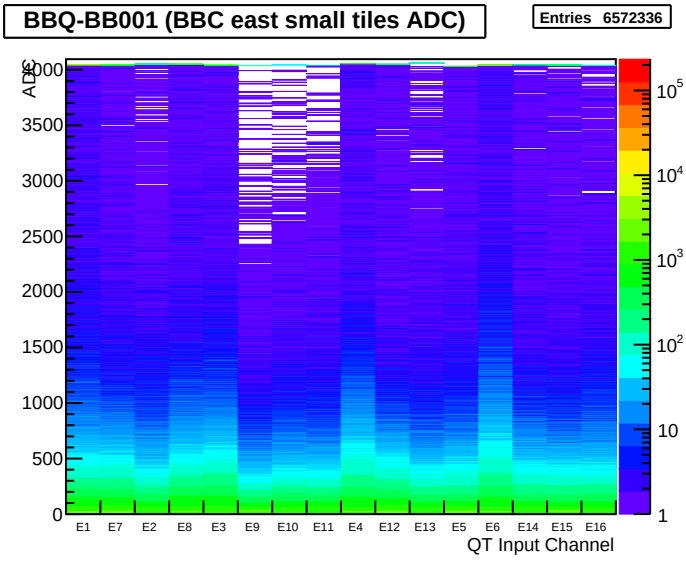

MIX-TF101
Entries 284965
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

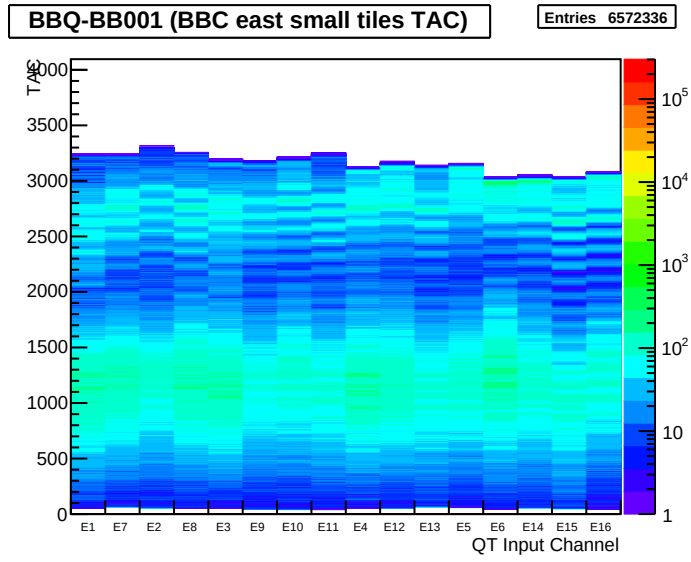

L2-TF201
Entries 410771
TOF total mult

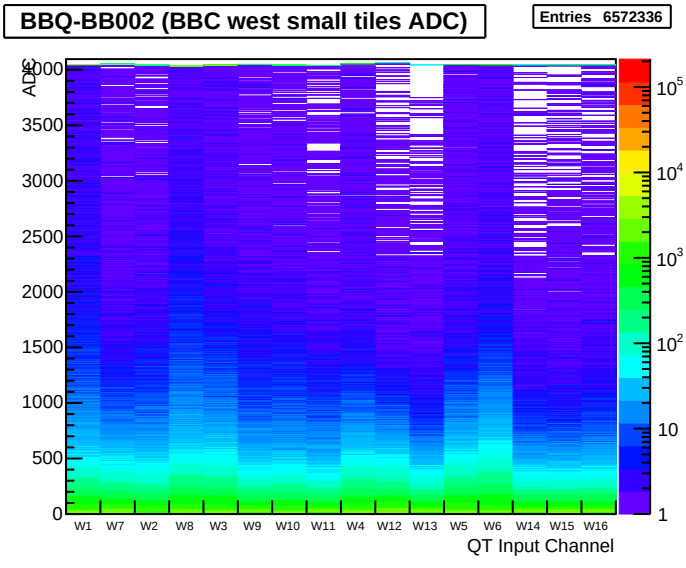

L2-TF201
Entries 0
TOF total mult(Real-Simu)

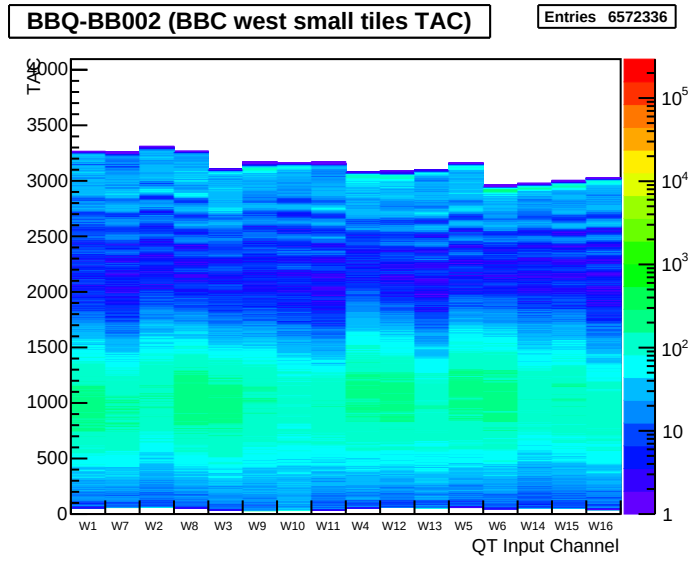

L2-TF201
Entries 2875397
Threshold/UPC bits
361643 363671 359984 364264 361230 358753 392143
49128 47100 50787 46507 49541 52018 18628
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

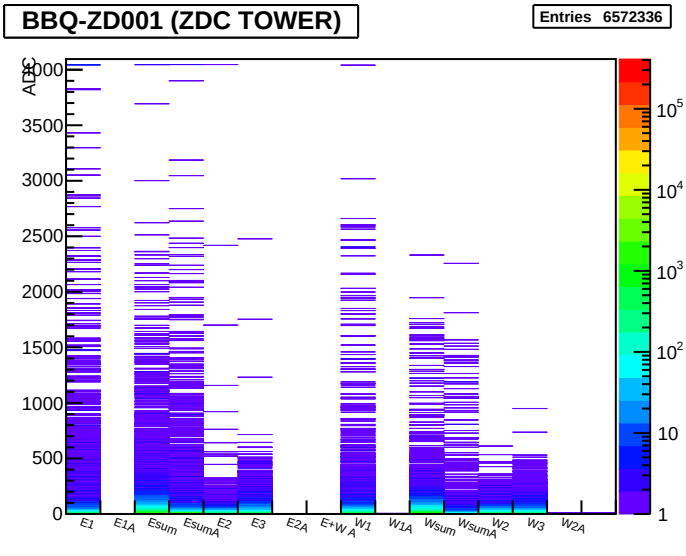

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

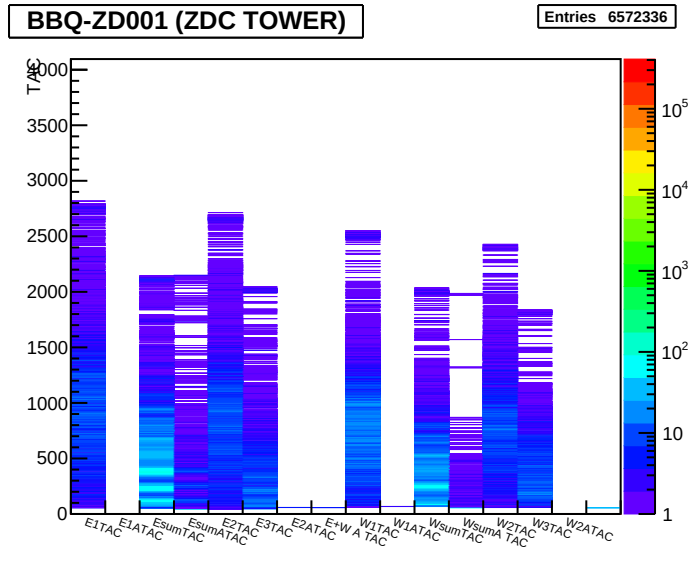

BBQ-BB001 (BBC east small tiles ADC)
Entries 6572336
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

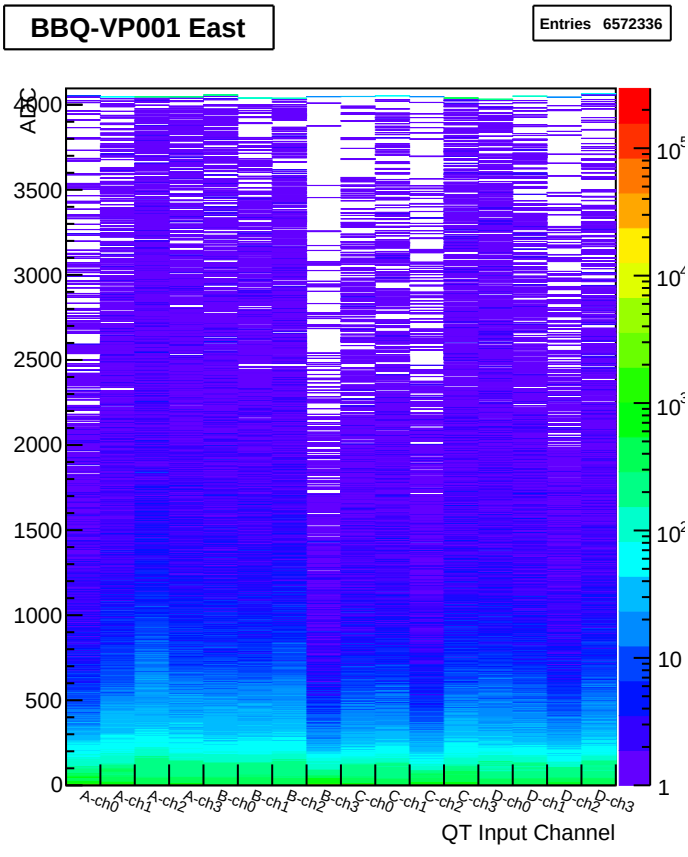

BBQ-BB001 (BBC east small tiles TAC)
Entries 6572336
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

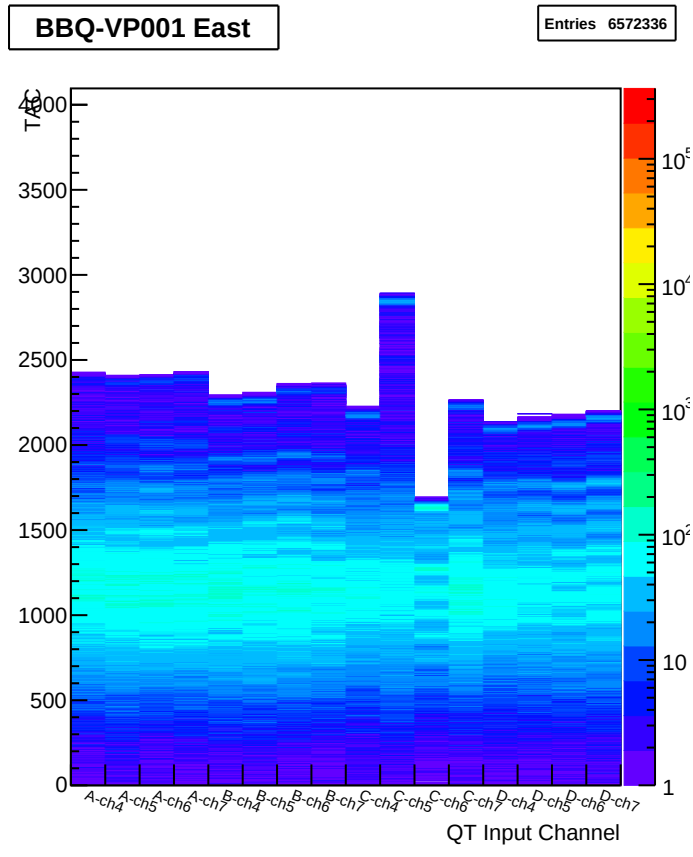

BBQ-BB002 (BBC west small tiles ADC)
Entries 6572336
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

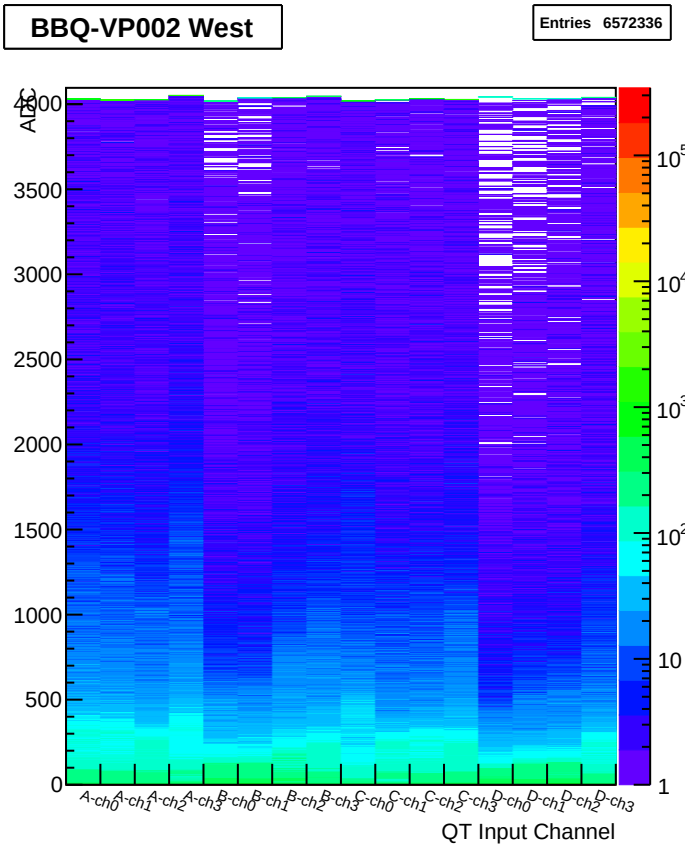

BBQ-BB002 (BBC west small tiles TAC)
Entries 6572336
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

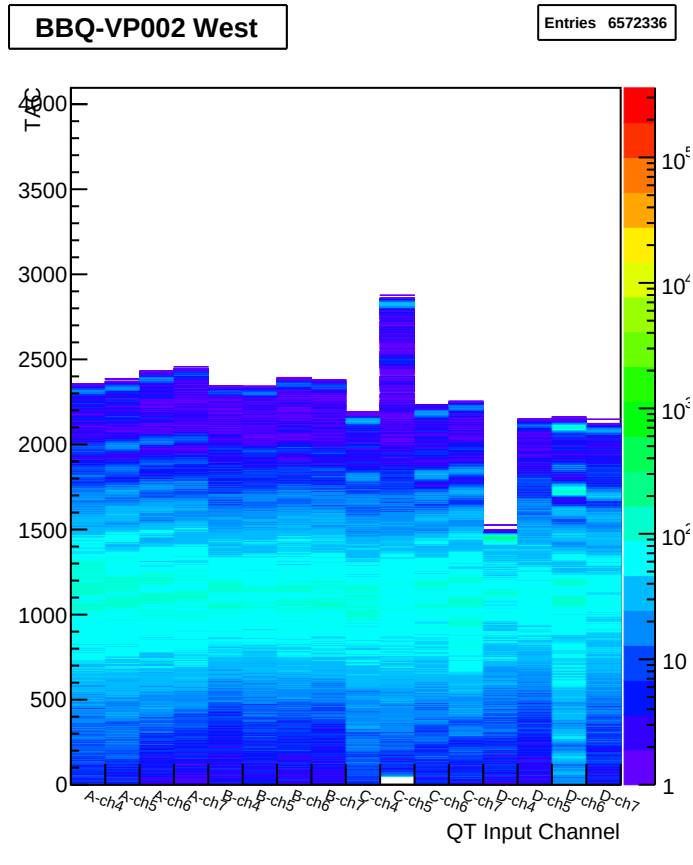

BBQ-ZD001 (ZDC TOWER)
Entries 6572336
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

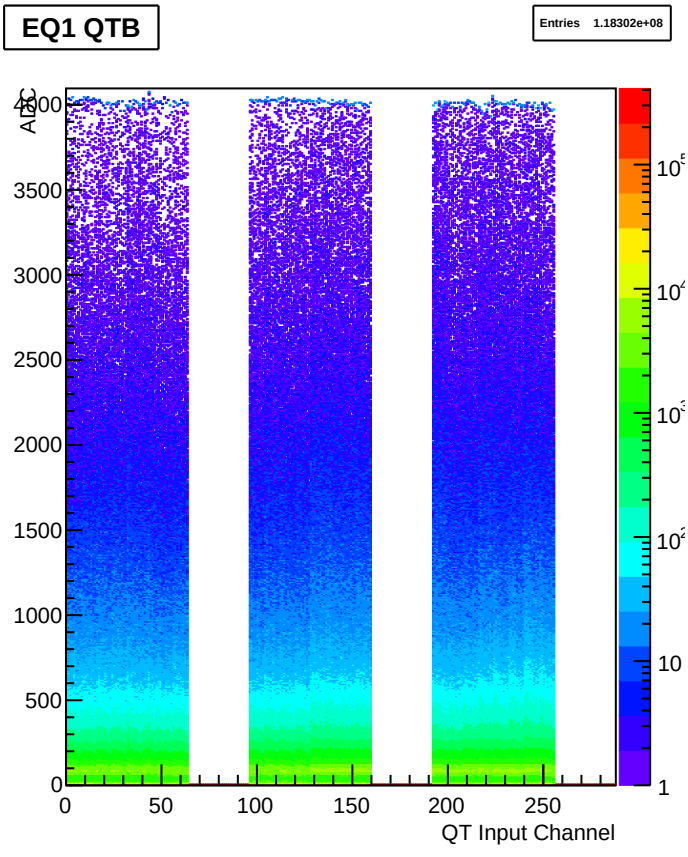

BBQ-ZD001 (ZDC TOWER)
Entries 6572336
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

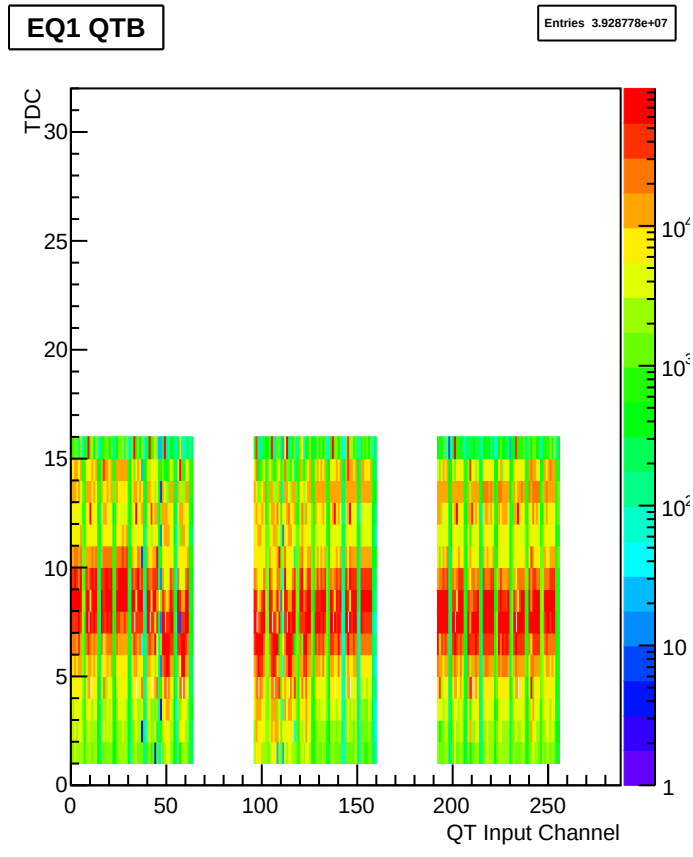

BBQ-VP001 East
Entries 6572336
ADC
QT Input Channel

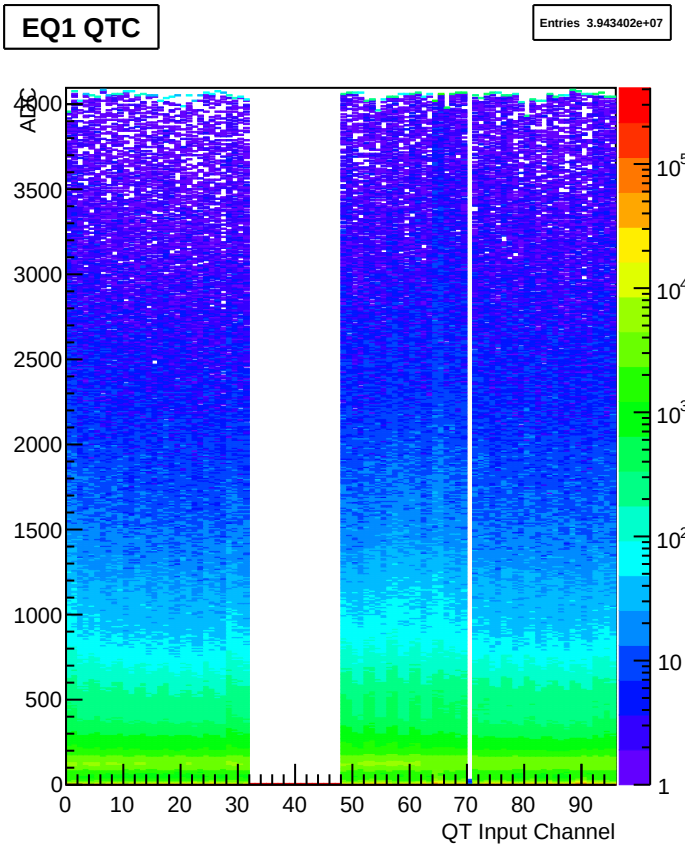

BBQ-VP001 East
Entries 6572336
TADC
QT Input Channel

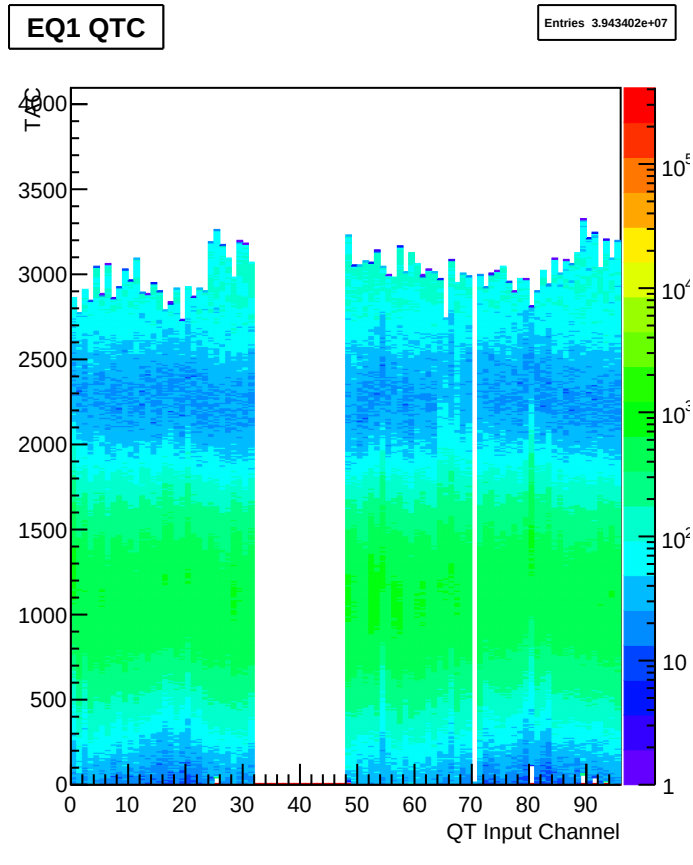

BBQ-VP002 West
Entries 6572336
ADC
QT Input Channel

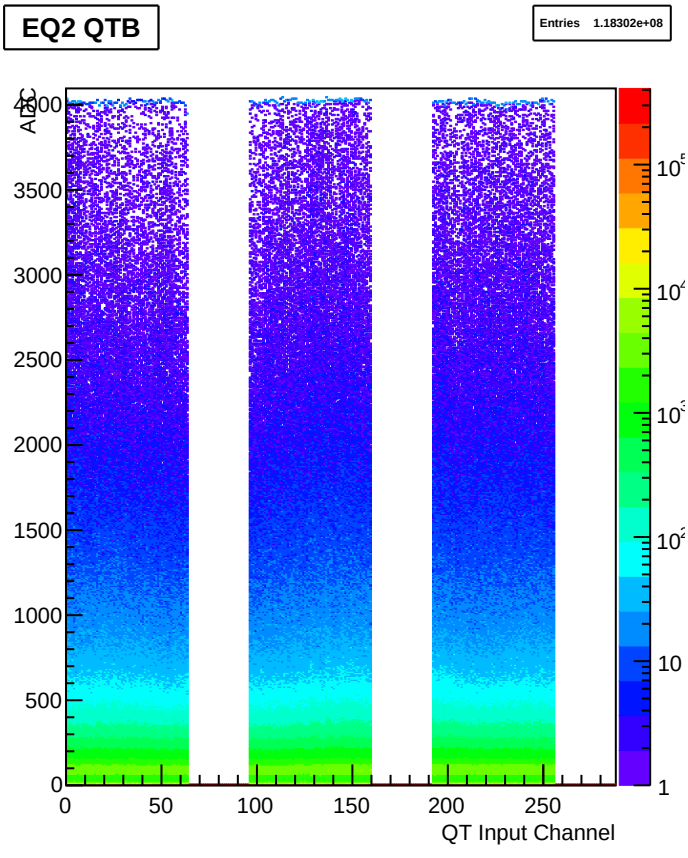

BBQ-VP002 West
Entries 6572336
TADC
QT Input Channel

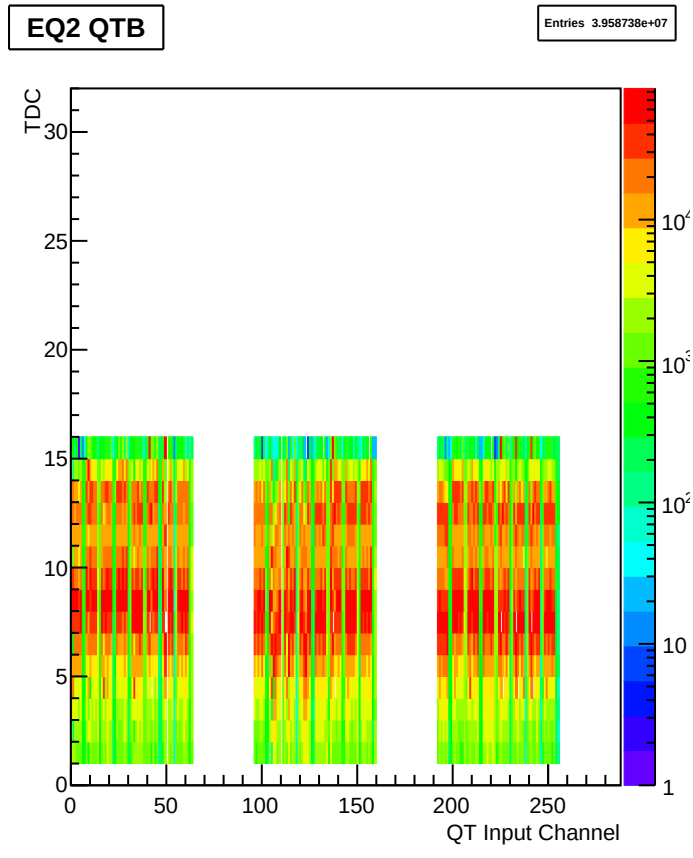

EQ1 QTB
Entries 1.18302e+08
ADC
QT Input Channel

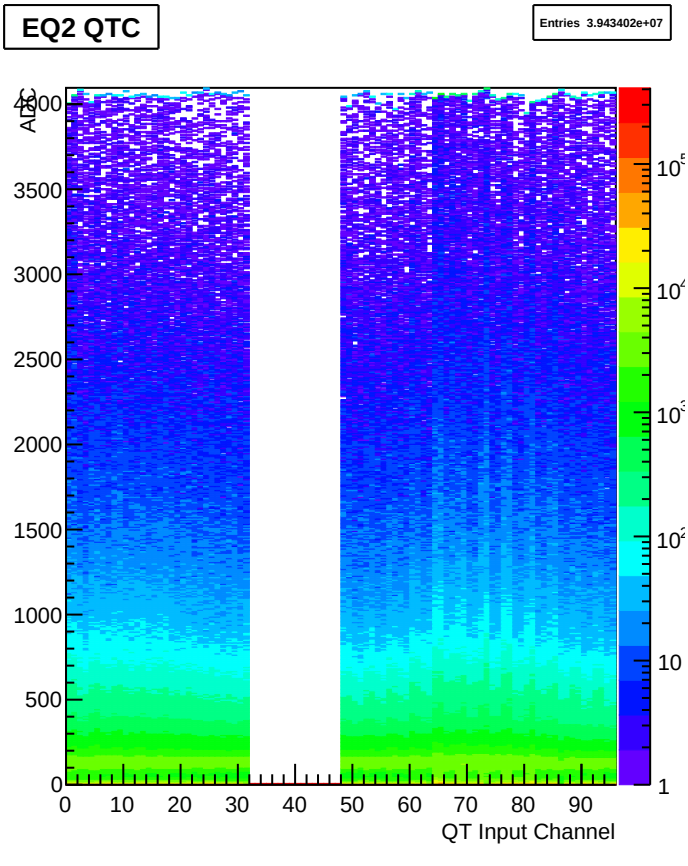

EQ1 QTB
Entries 3.928778e+07
TDC
QT Input Channel

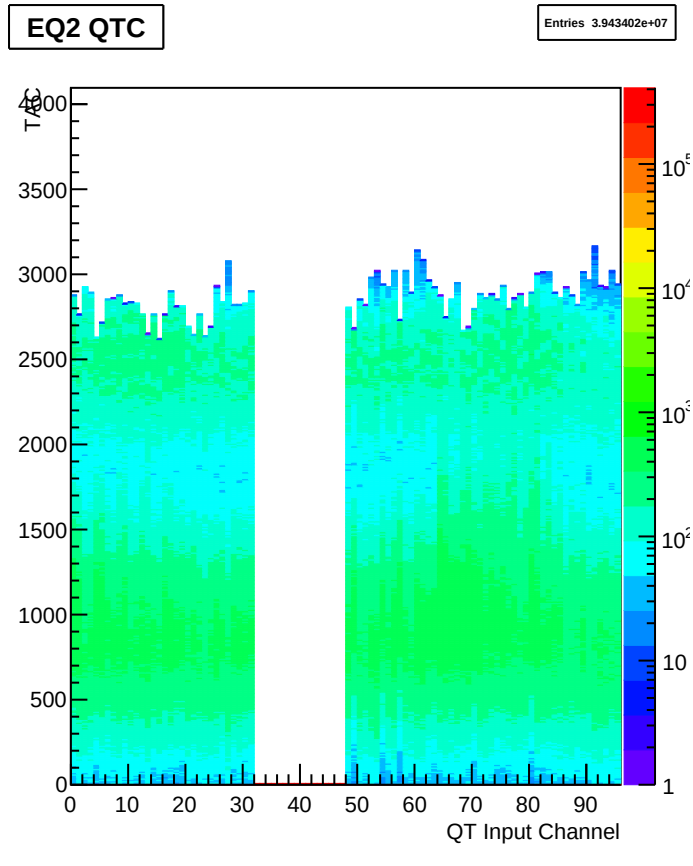

EQ1 QTC
Entries 3.943402e+07
ADC
QT Input Channel

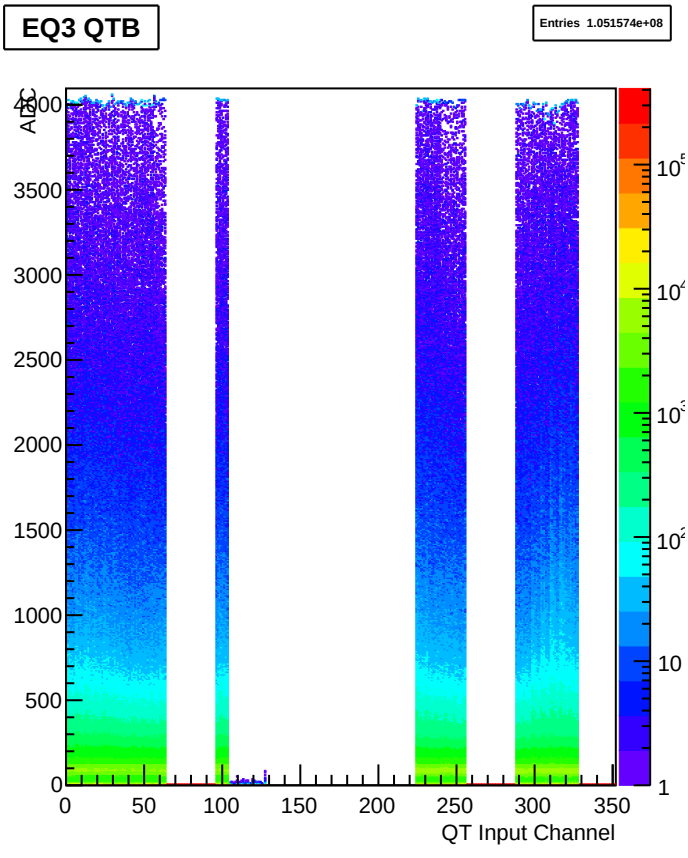

EQ1 QTC
Entries 3.943402e+07
TADC
QT Input Channel

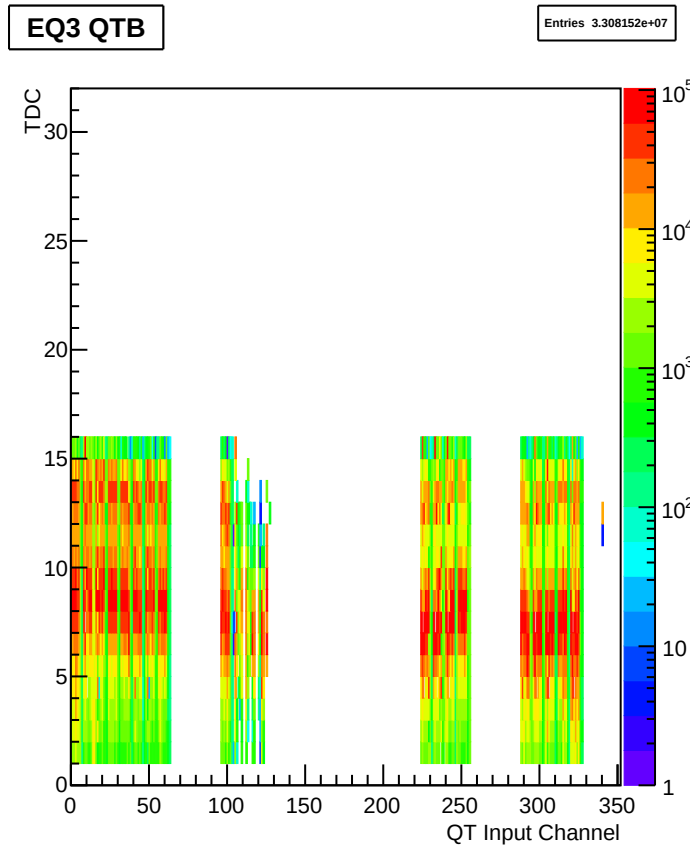

EQ2 QTB
Entries 1.18302e+08
ADC
QT Input Channel

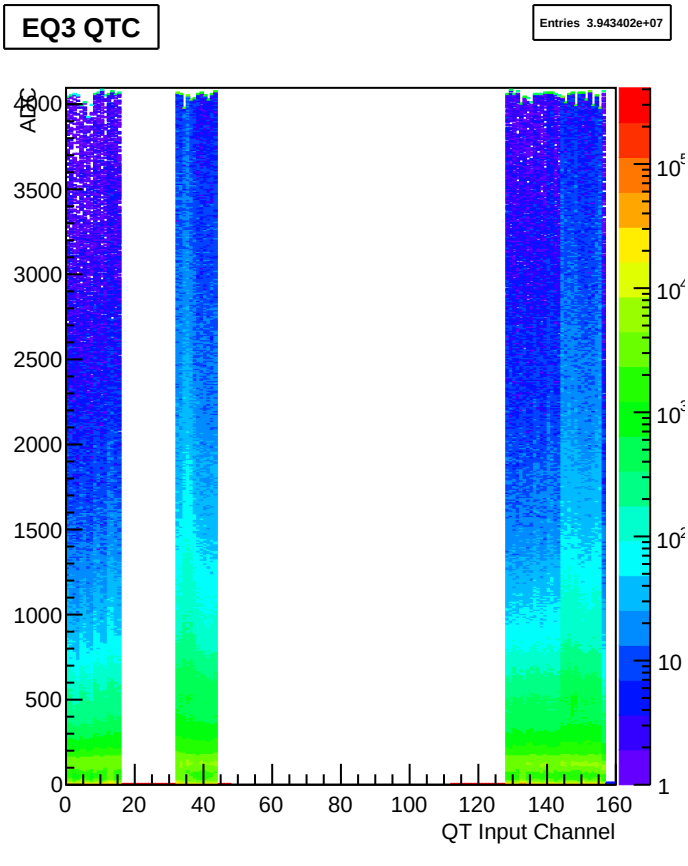

EQ2 QTB
Entries 3.958738e+07
TDC
QT Input Channel

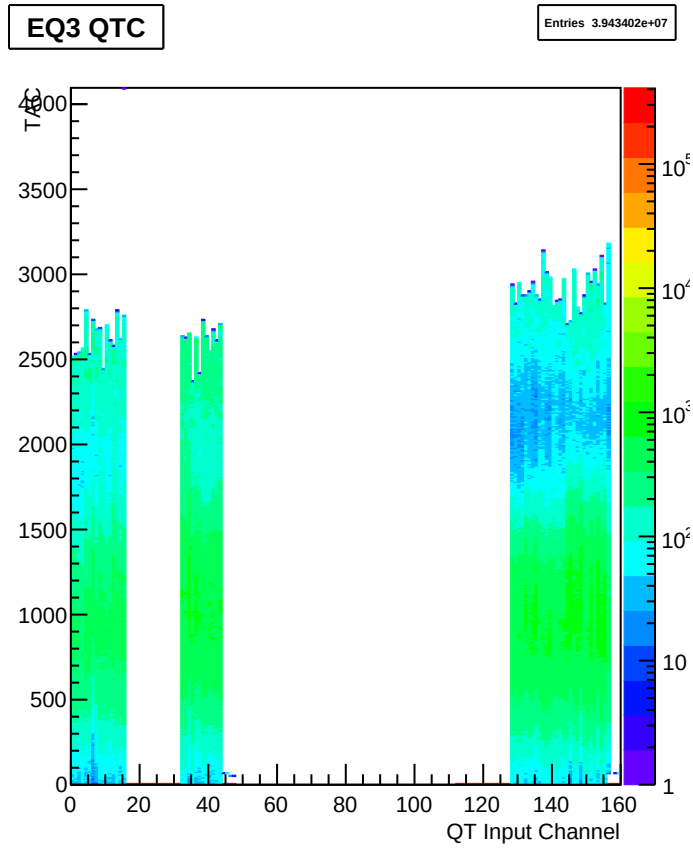

EQ2 QTC
Entries 3.943402e+07
ADC
QT Input Channel

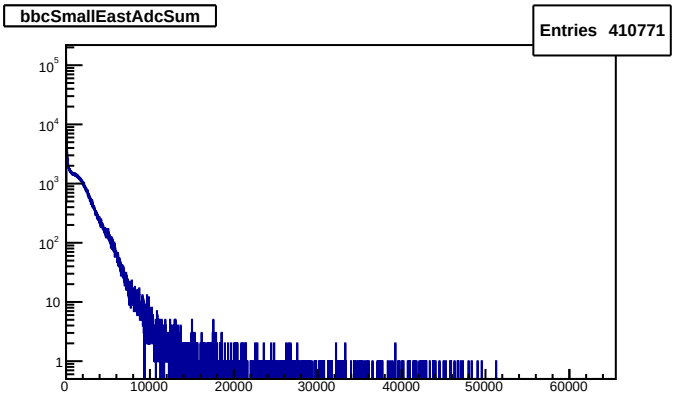

EQ2 QTC
Entries 3.943402e+07
TADC
QT Input Channel

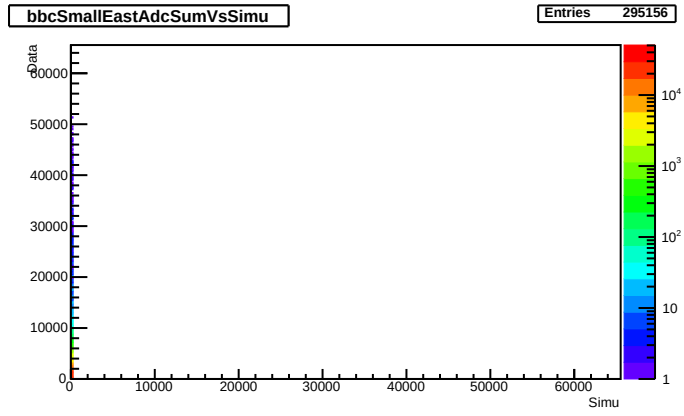

EQ3 QTB
Entries 1.051574e+08
ADC
QT Input Channel

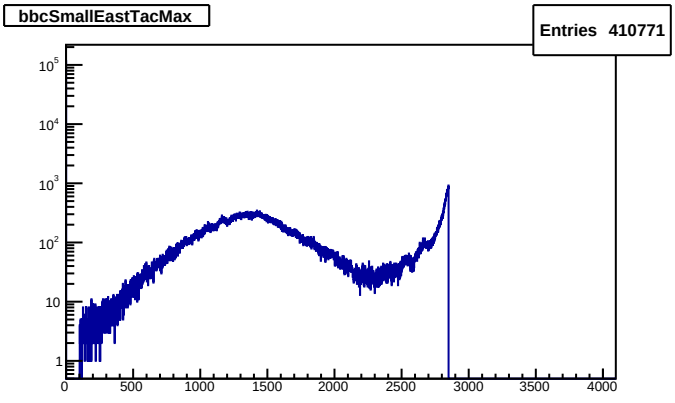

EQ3 QTB
Entries 3.308152e+07
TDC
QT Input Channel

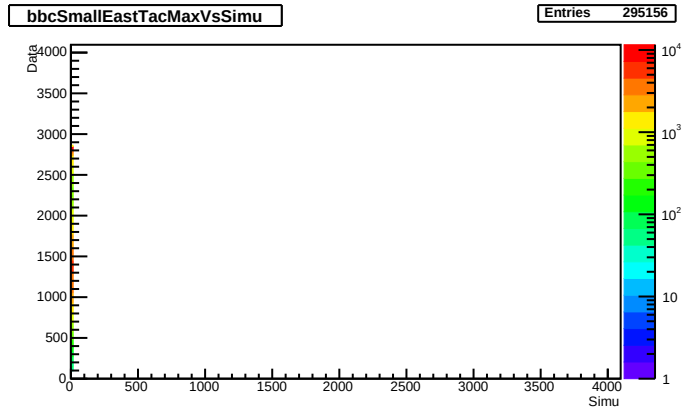

EQ3 QTC
Entries 3.943402e+07
ADC
QT Input Channel

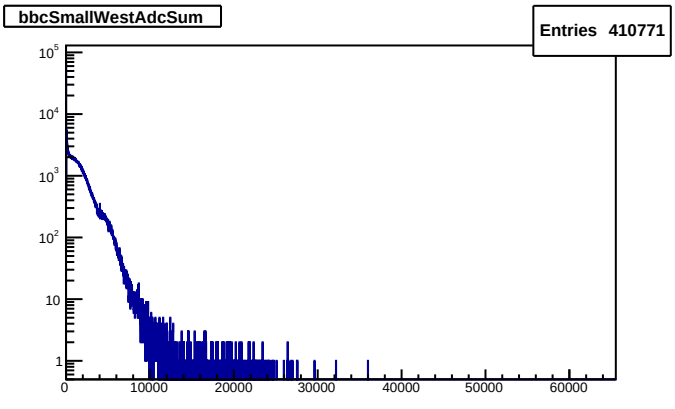

EQ3 QTC
Entries 3.943402e+07
TADC
QT Input Channel

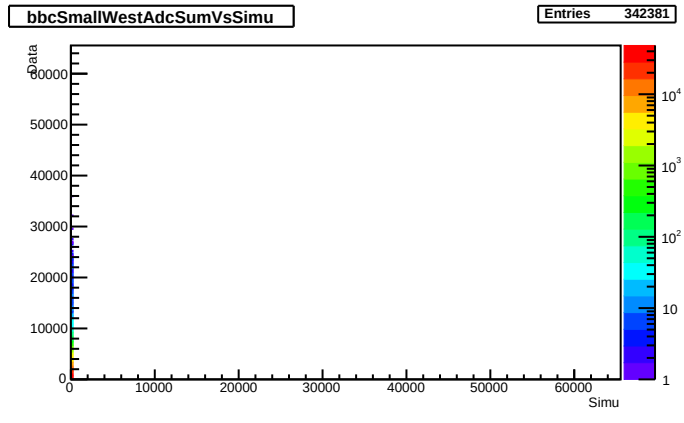

bbcSmallEastAdcSum
Entries 410771

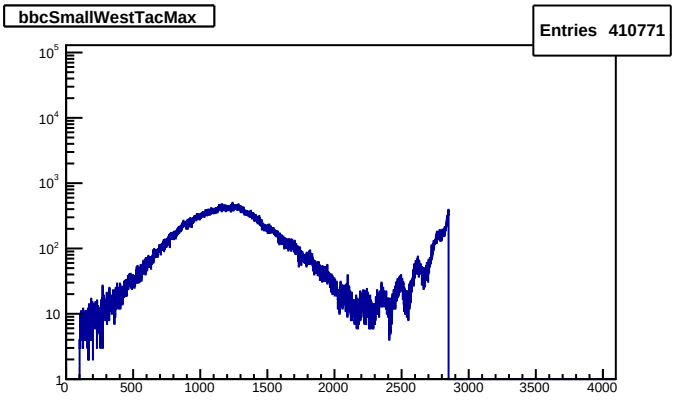

bbcSmallEastAdcSumVsSimu
Entries 295156
Data
Simu

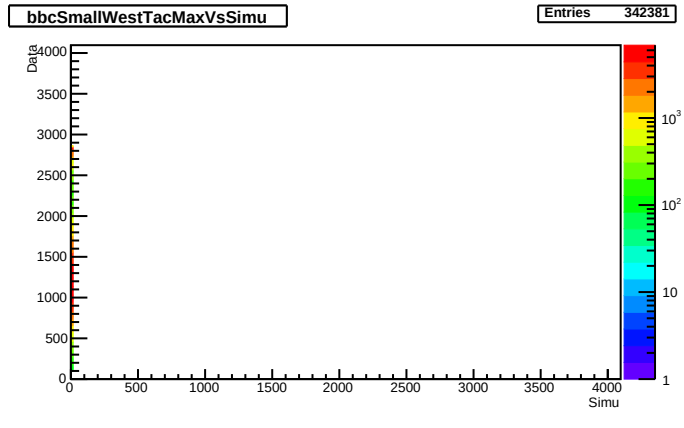

bbcSmallEastTacMax
Entries 410771

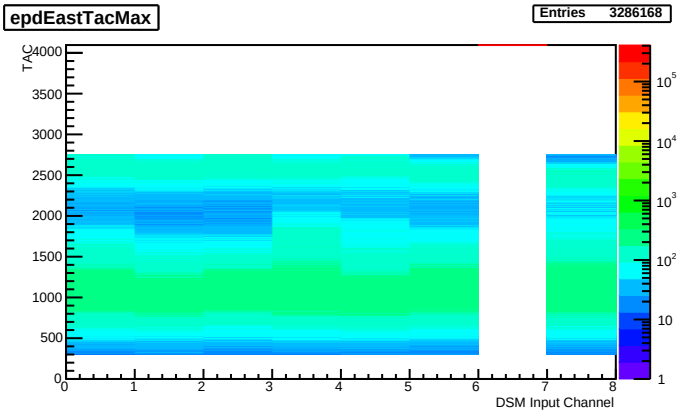

bbcSmallEastTacMaxVsSimu
Entries 295156
Data
Simu

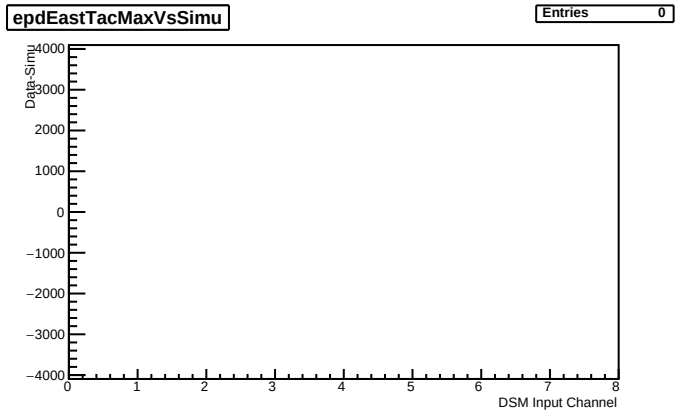

bbcSmallWestAdcSum
Entries 410771

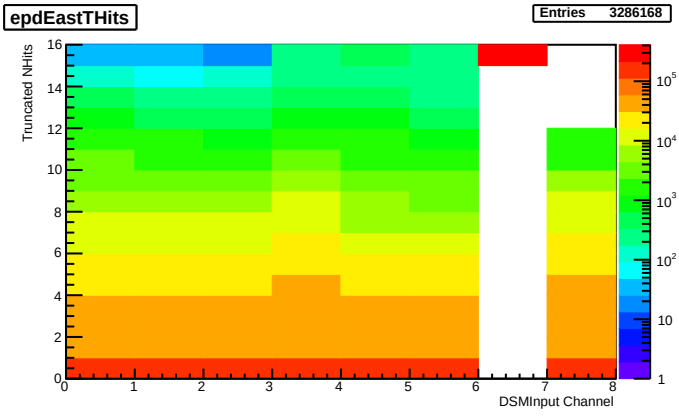

bbcSmallWestAdcSumVsSimu
Entries 342381
Data
Simu

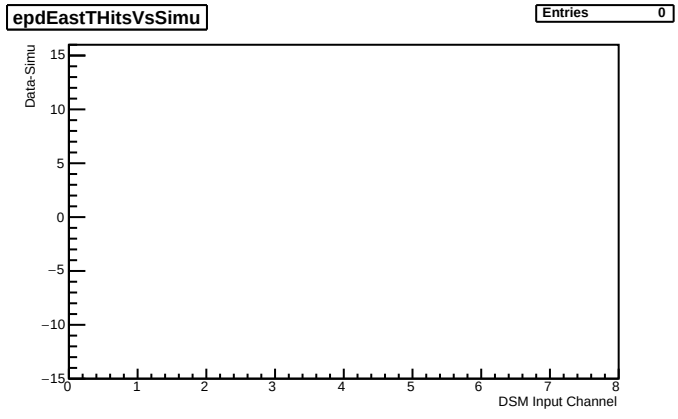

bbcSmallWestTacMax
Entries 410771

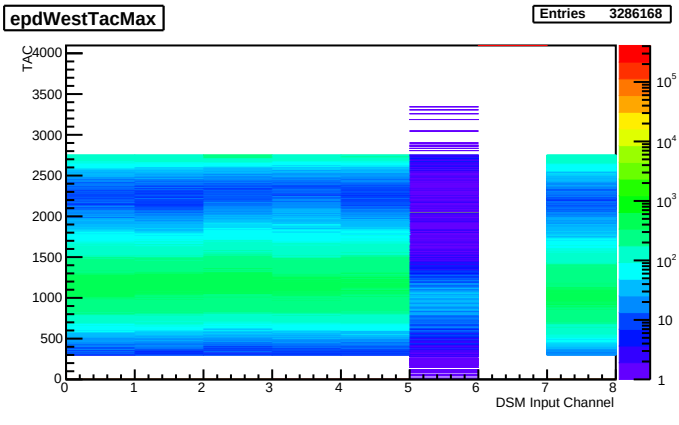

bbcSmallWestTacMaxVsSimu
Entries 342381
Data
Simu

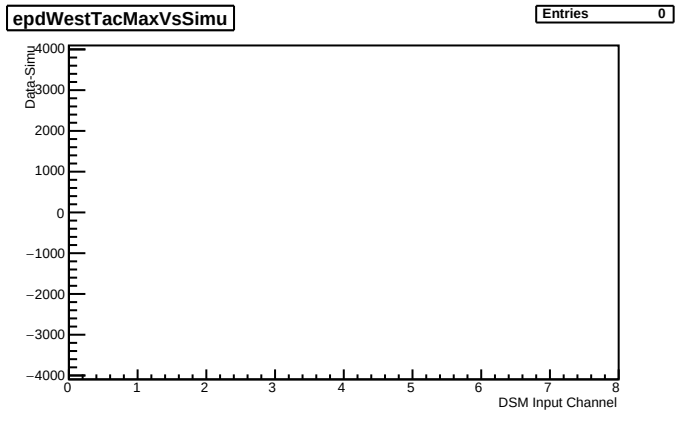

epdEastTacMax
Entries 3286168
TAC
DSM Input Channel

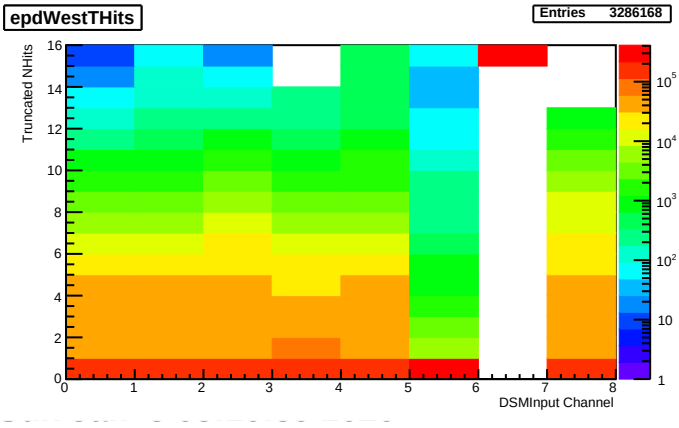

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

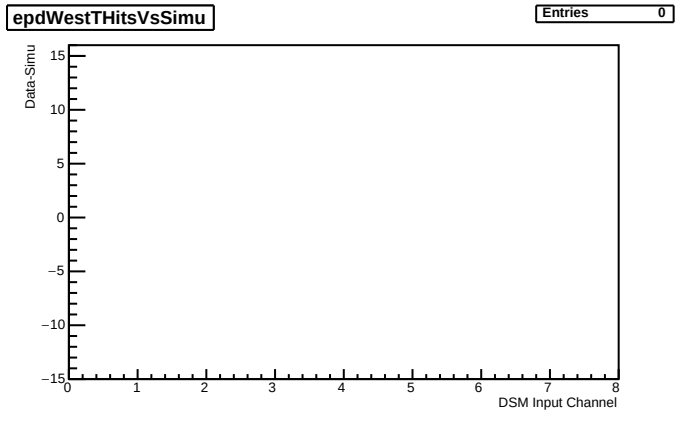

epdEastTHits
Entries 3286168
Truncated NHits
DSMInput Channel

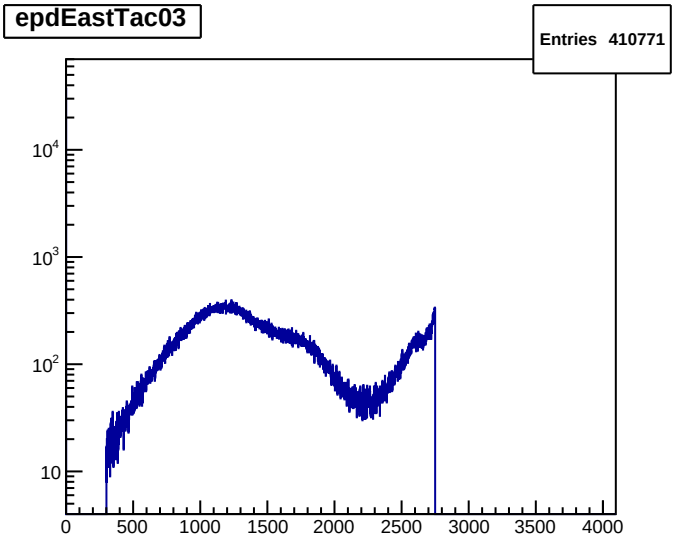

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

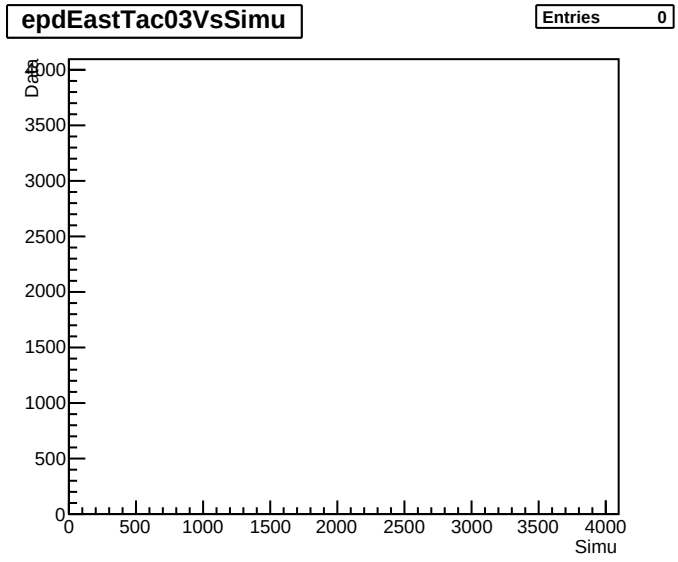

epdWestTacMax
Entries 3286168
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3286168
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 410771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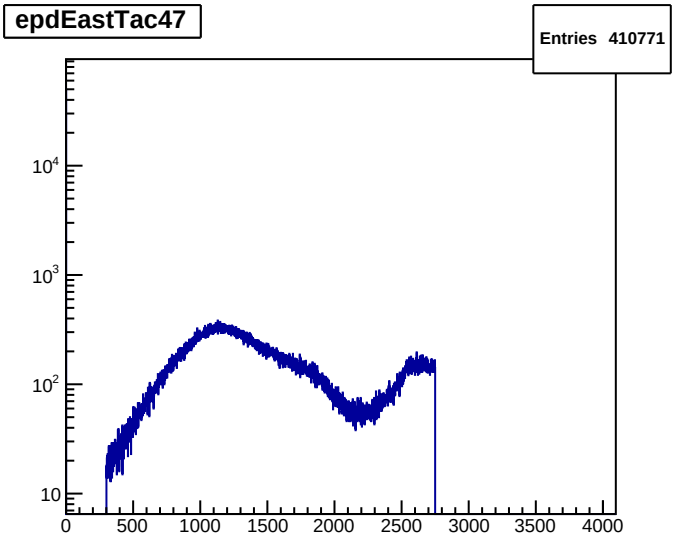
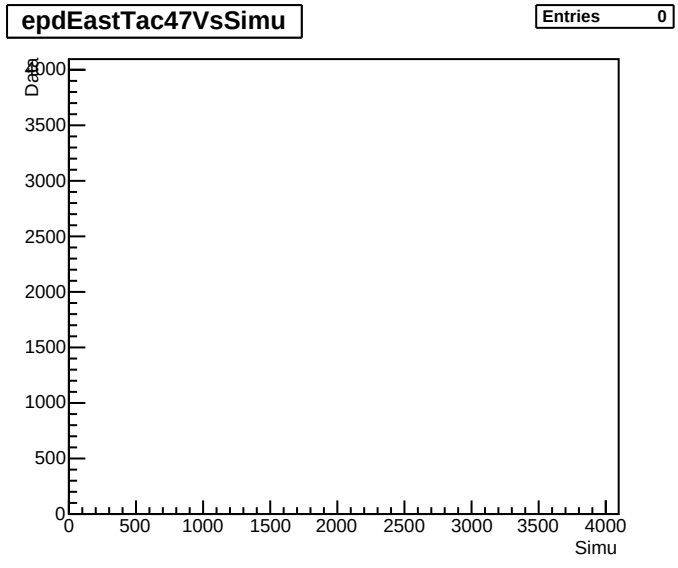
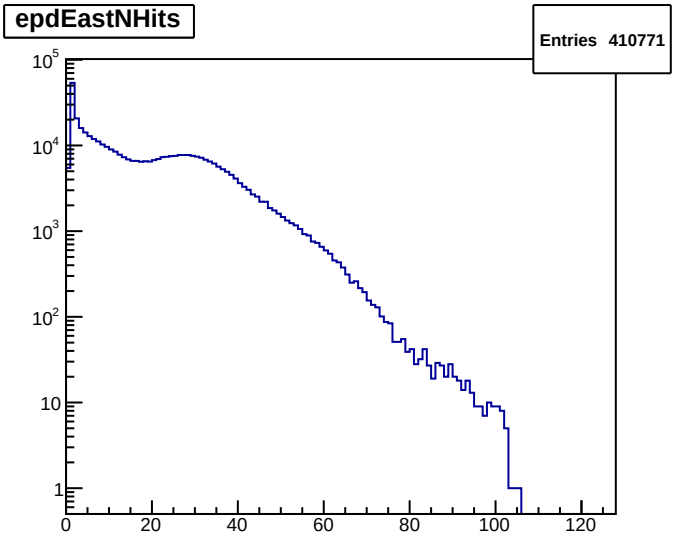
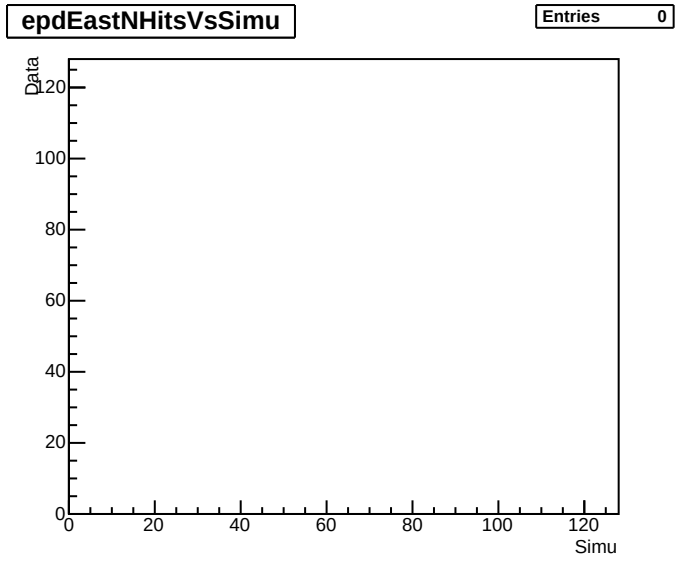
Entries 0
Data
Simu


epdEastTac47
Entries 410771


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 410771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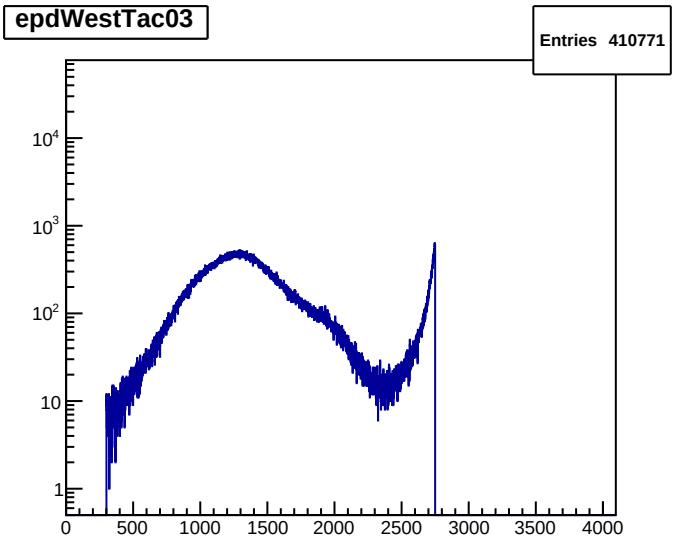
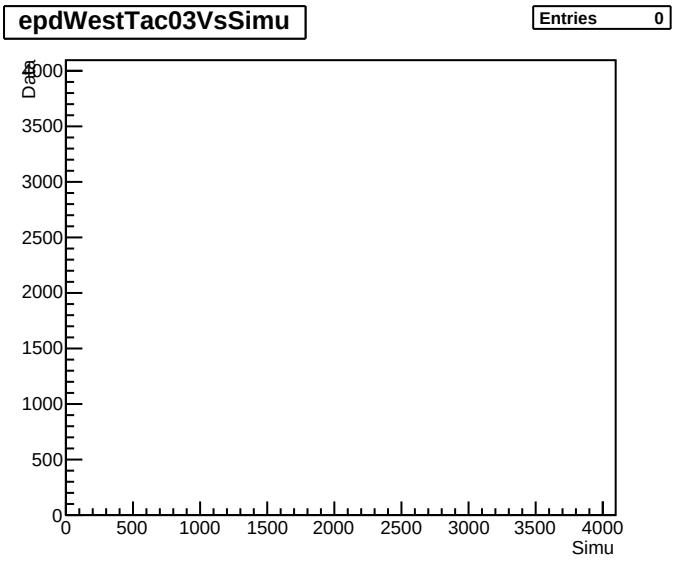
Entries 0
Data
Simu


epdWestTac03
Entries 410771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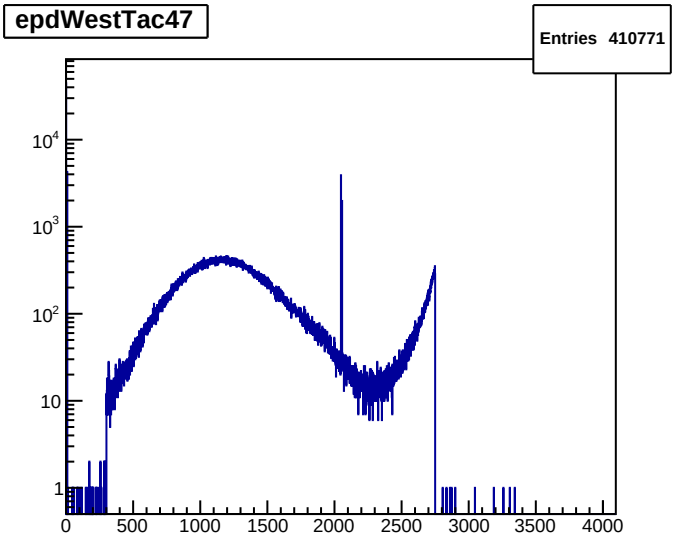
Entries 0
Data
Simu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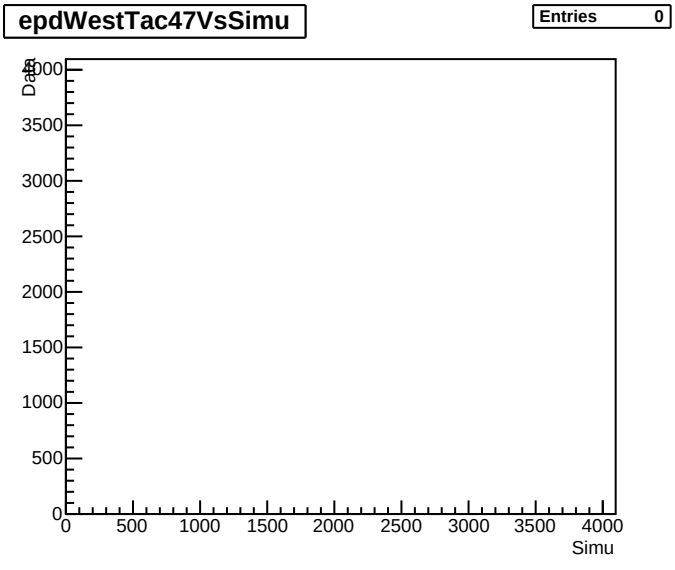
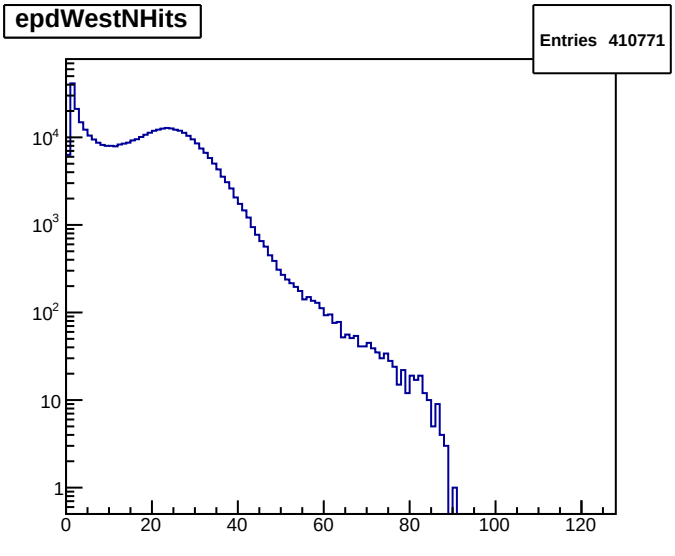
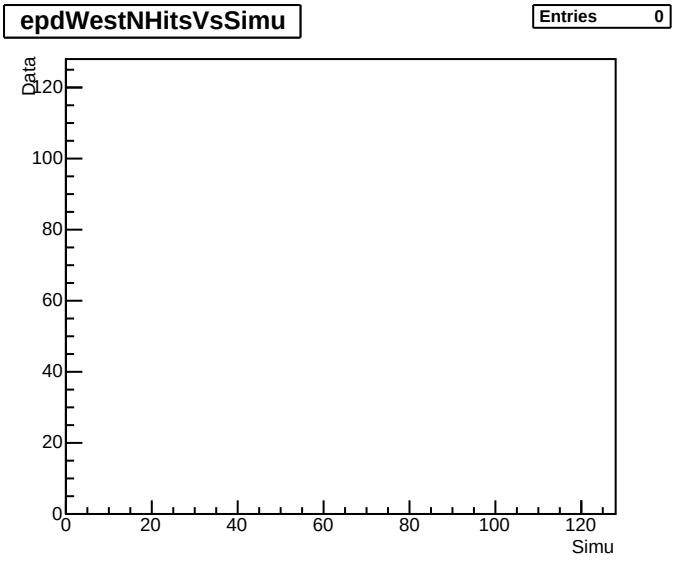
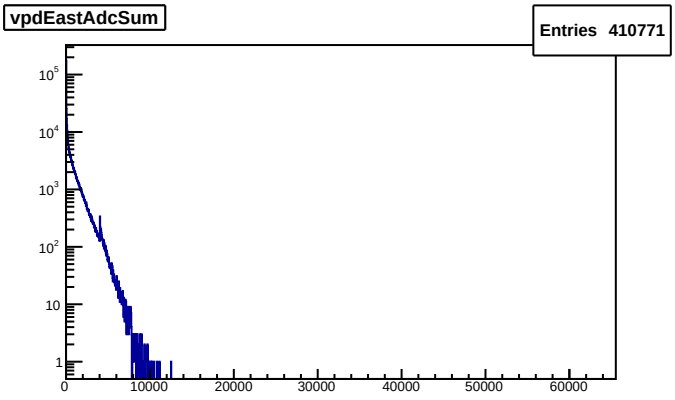
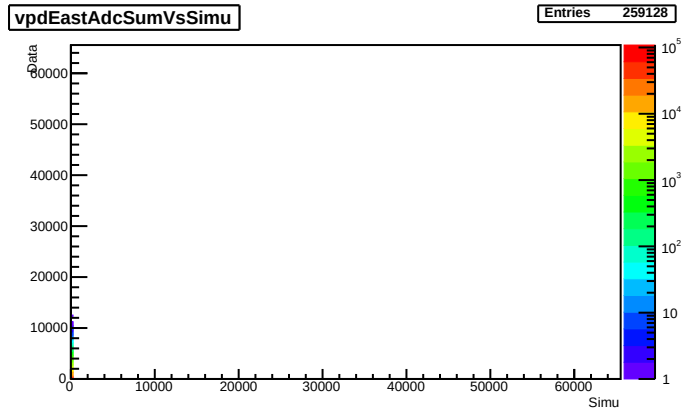
Entries 410771

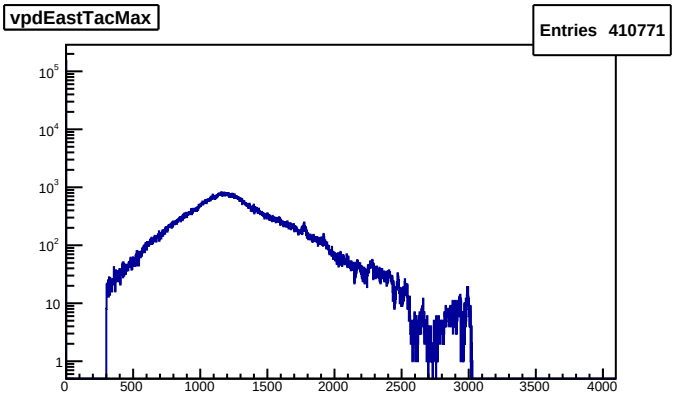

epdWestTac47VsSimu
Entries 0
Data
Simu

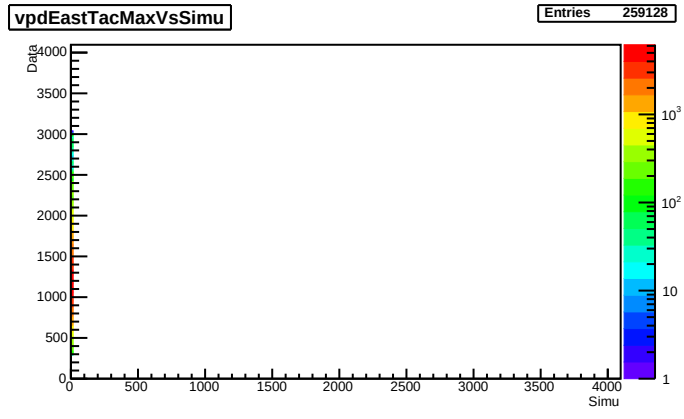

epdWestNHits
Entries 410771

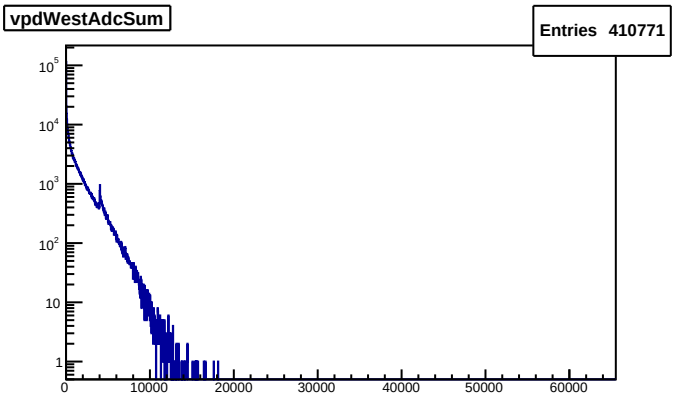

epdWestNHitsVsSimu
Entries 0
Data
Simu

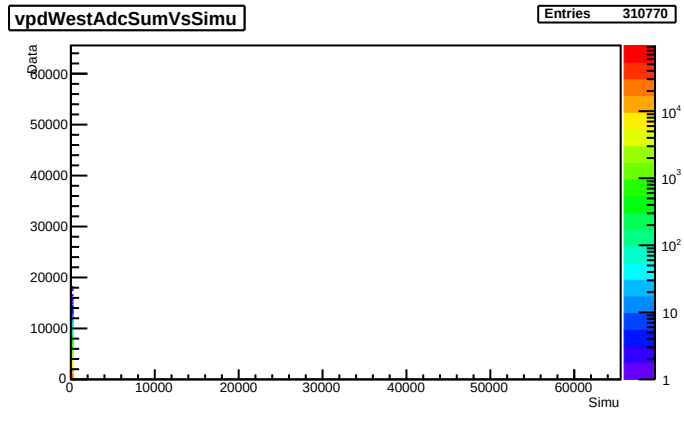

vpdEastAdcSum
Entries 410771

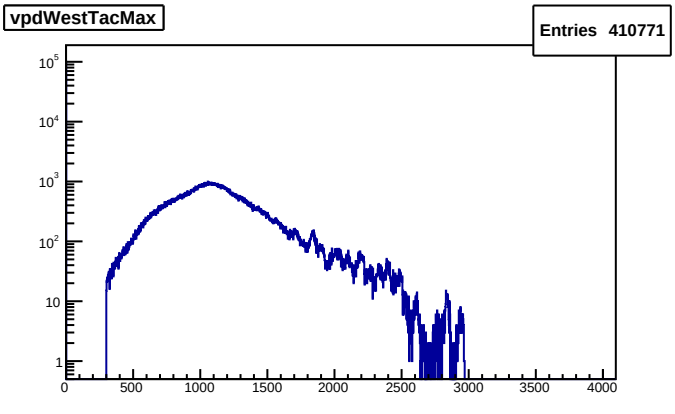

vpdEastAdcSumVsSimu
Entries 259128
Data
Simu

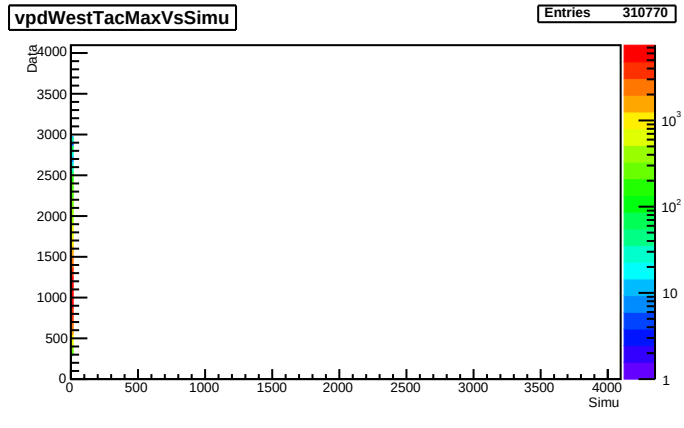

vpdEastTacMax
Entries 410771

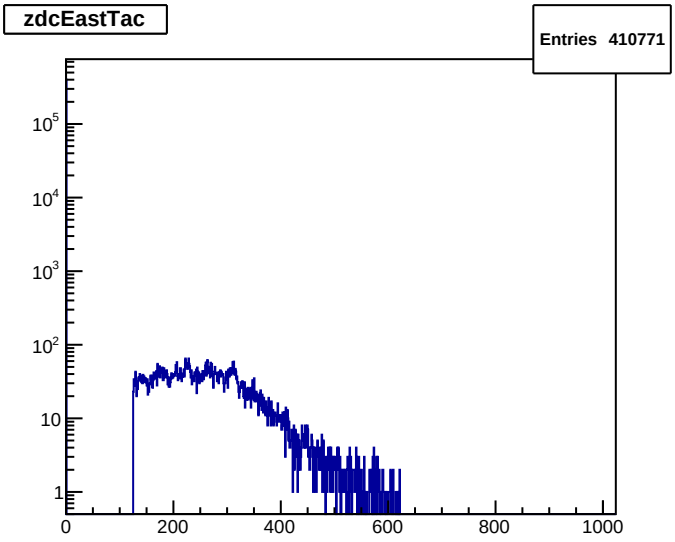

vpdEastTacMaxVsSimu
Entries 259128
Data
Simu

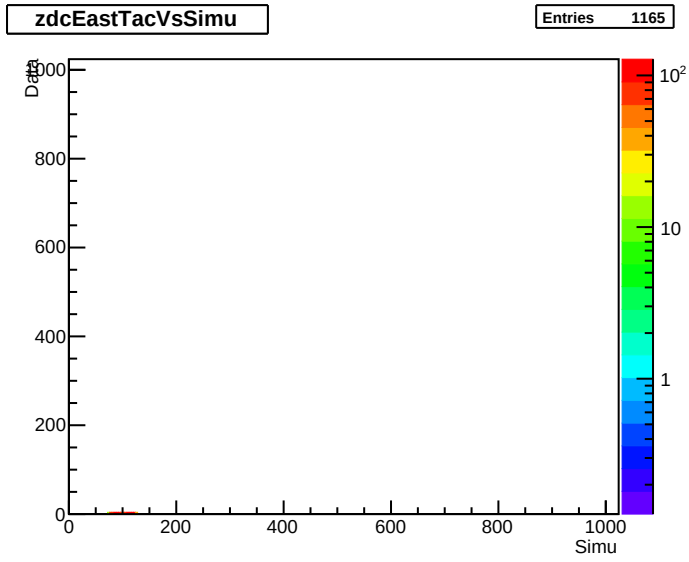

vpdWestAdcSum
Entries 410771

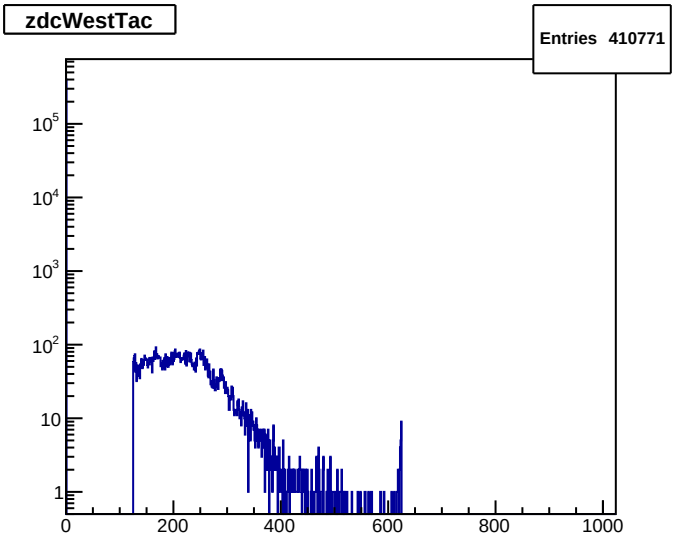

vpdWestAdcSumVsSimu
Entries 310770
Data
Simu

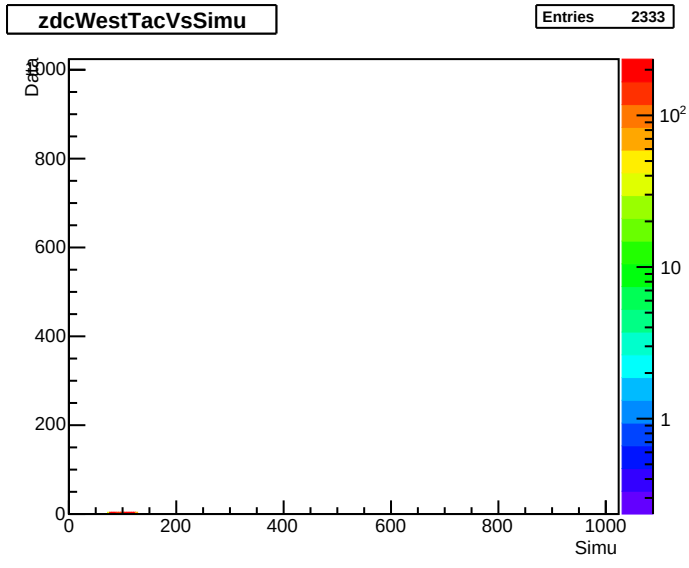

vpdWestTacMax
Entries 410771

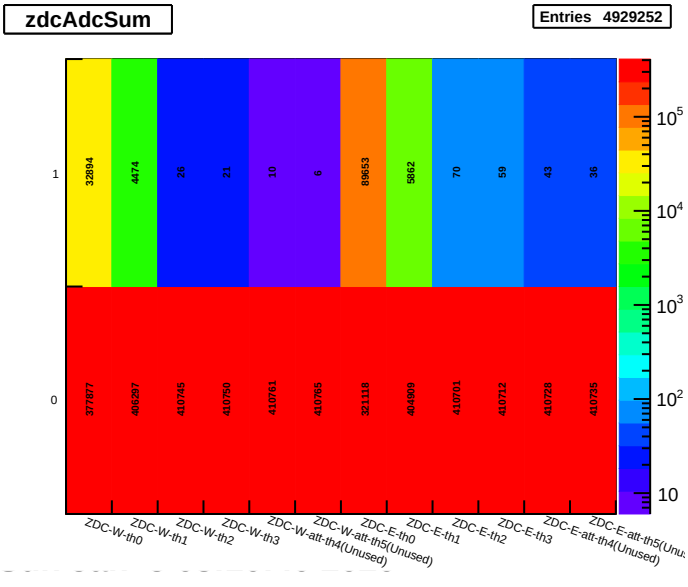

vpdWestTacMaxVsSimu
Entries 310770
Data
Simu

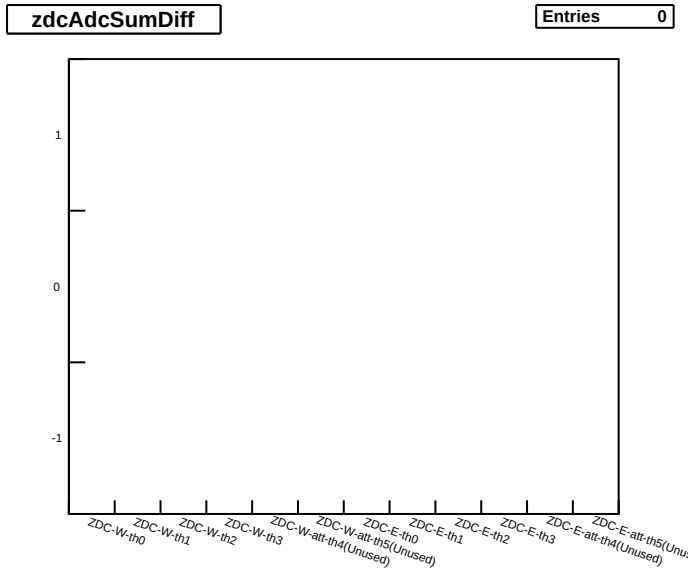

zdcEastTac
Entries 410771

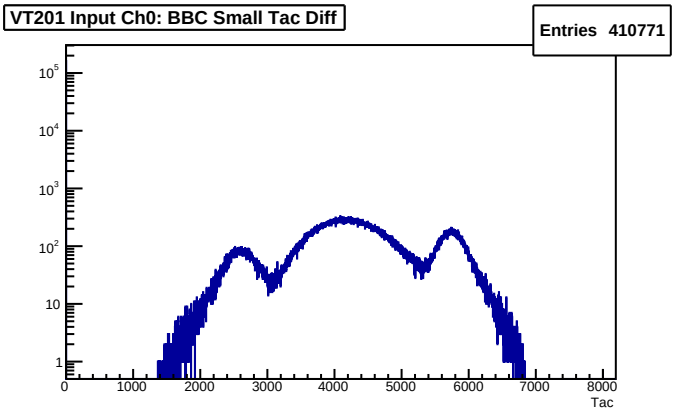

zdcEastTacVsSimu
Entries 1165
Data
Simu

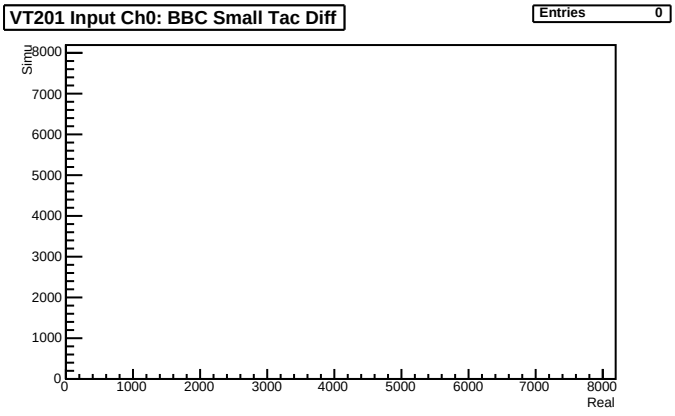

zdcWestTac
Entries 410771

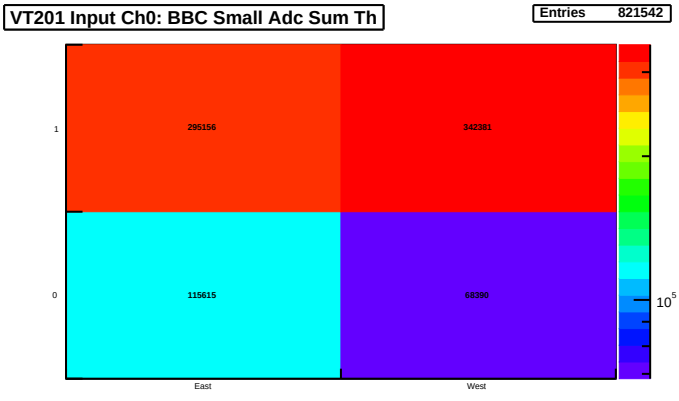

zdcWestTacVsSimu
Entries 2333
Data
Simu

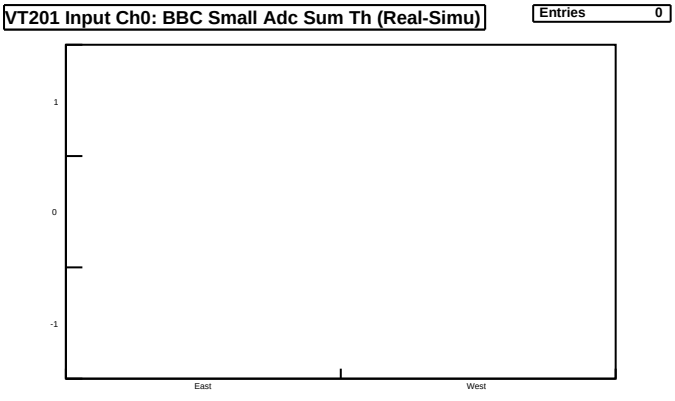

zdcAdcSum
Entries 4929252
32894
4474
26
21
10
6
89653
5862
70
59
43
36
377877
406297
410745
410750
410761
410765
321118
404809
410701
410712
410728
410735
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

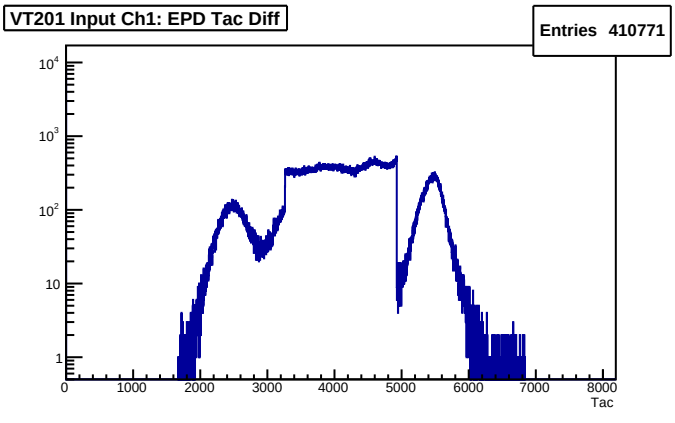

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

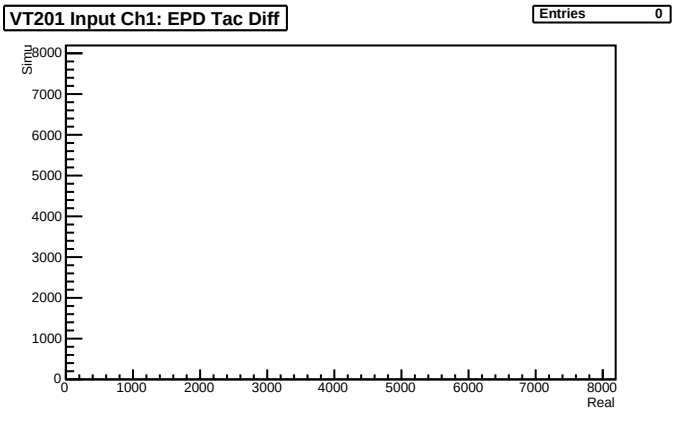

VT201 Input Ch0: BBC Small Tac Diff
Entries 410771
Tac

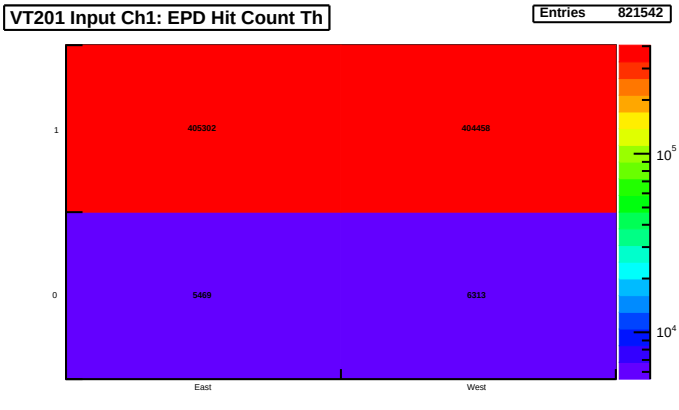

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

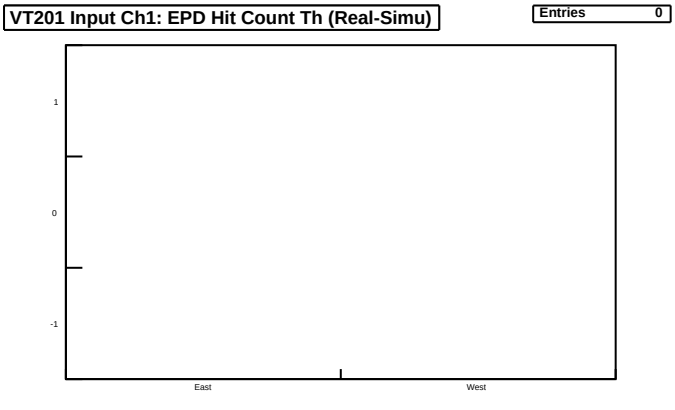

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 821542
295156
342381
115615
68390
East
West

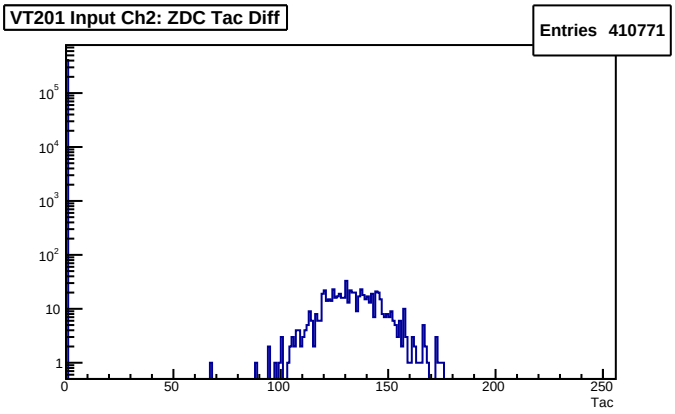

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

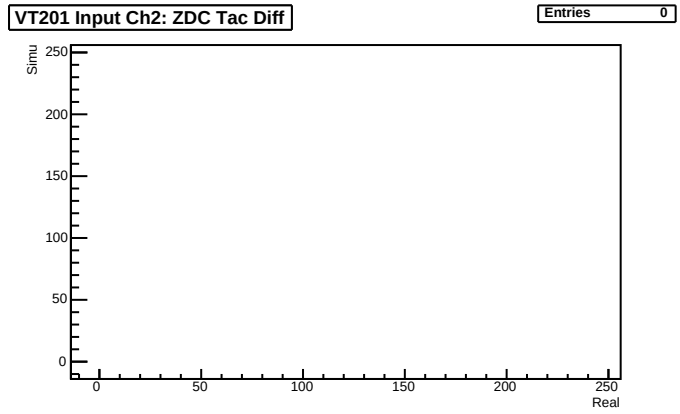

VT201 Input Ch1: EPD Tac Diff
Entries 410771
Tac

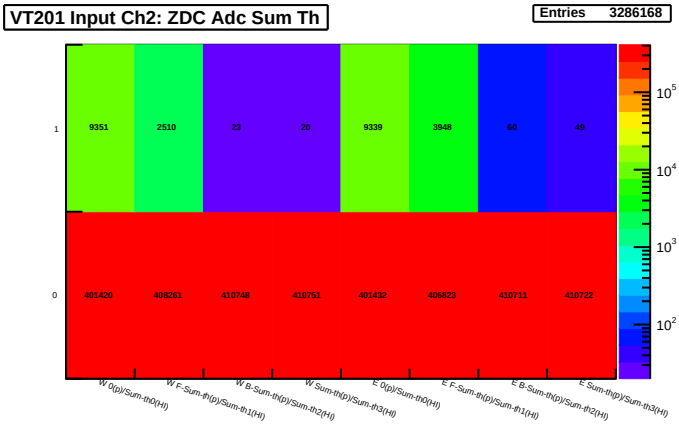

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

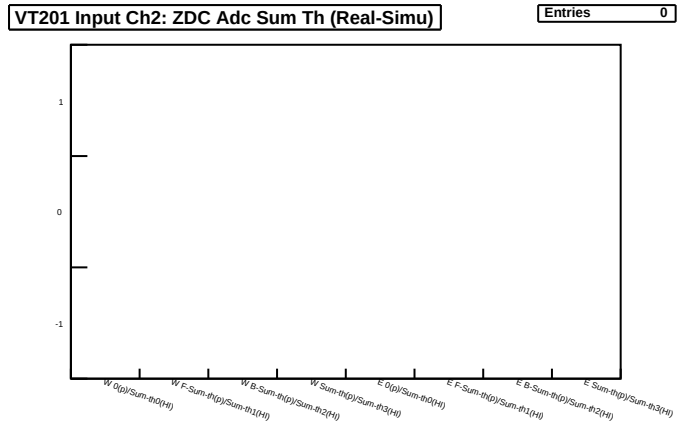

VT201 Input Ch1: EPD Hit Count Th
Entries 821542
405302
404458
5469
6313
East
West

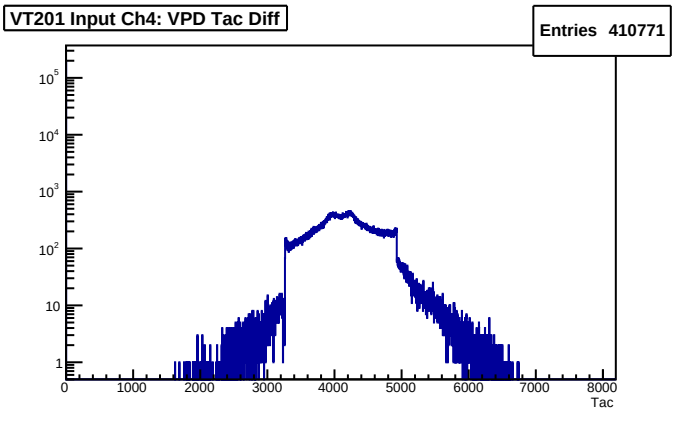

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

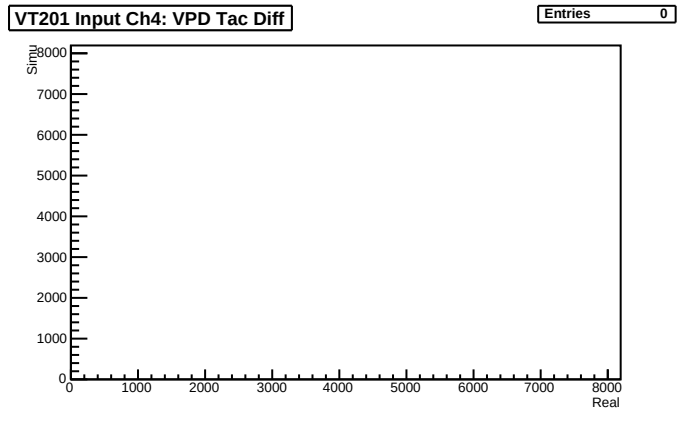

VT201 Input Ch2: ZDC Tac Diff
Entries 410771
Tac

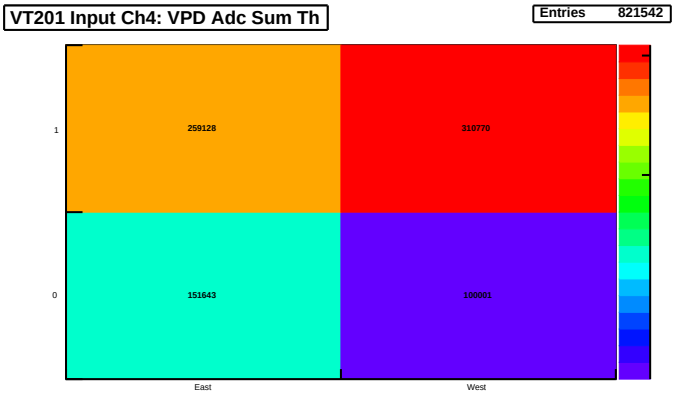

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

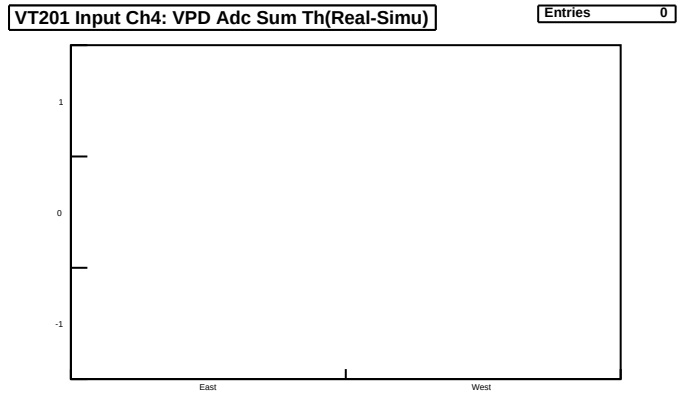

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3286168
9351
2510
23
20
9339
3948
60
49
401420
408261
410748
410751
401432
406823
410711
410722
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

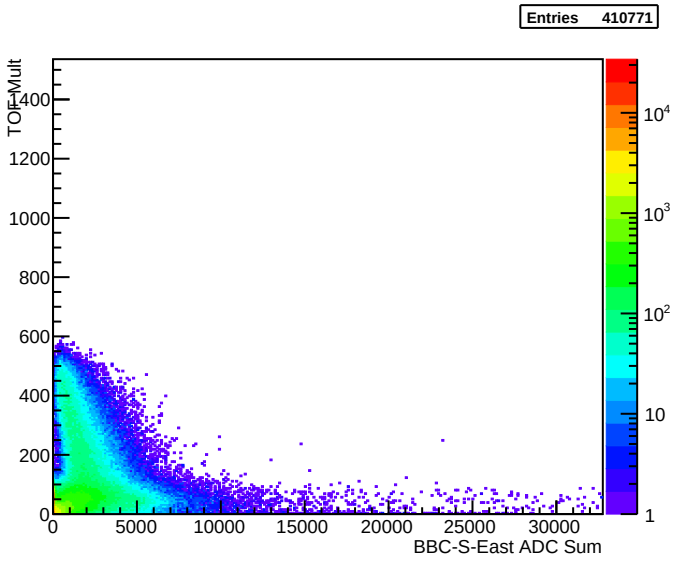

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

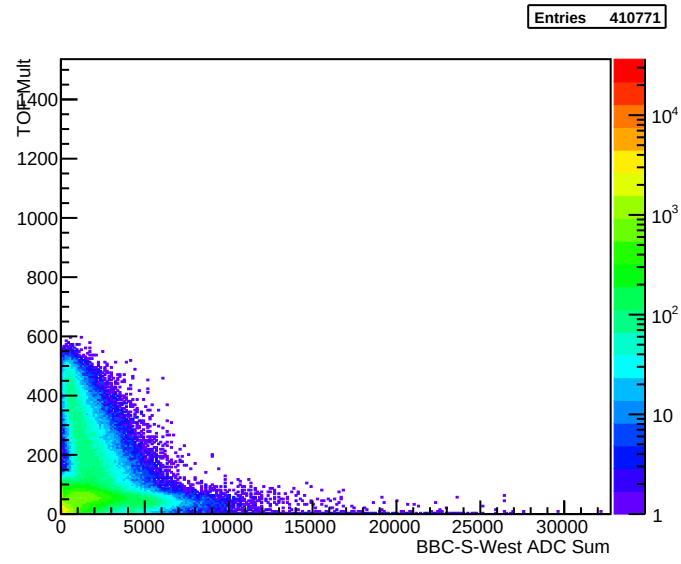

VT201 Input Ch4: VPD Tac Diff
Entries 410771
Tac

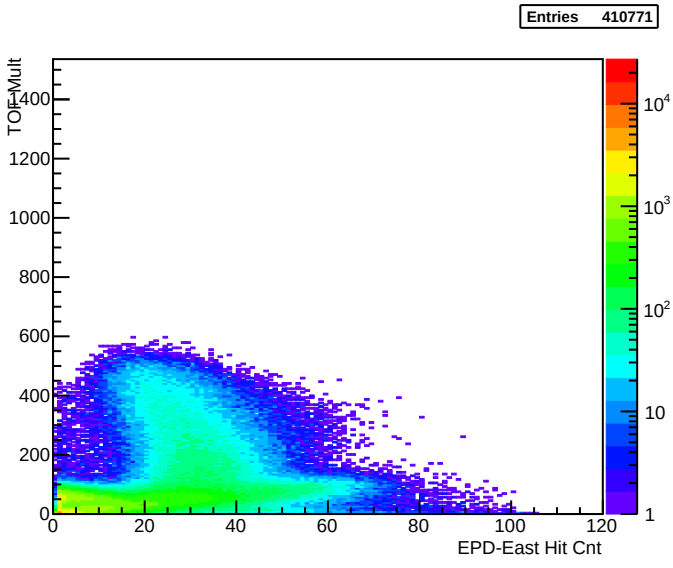

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

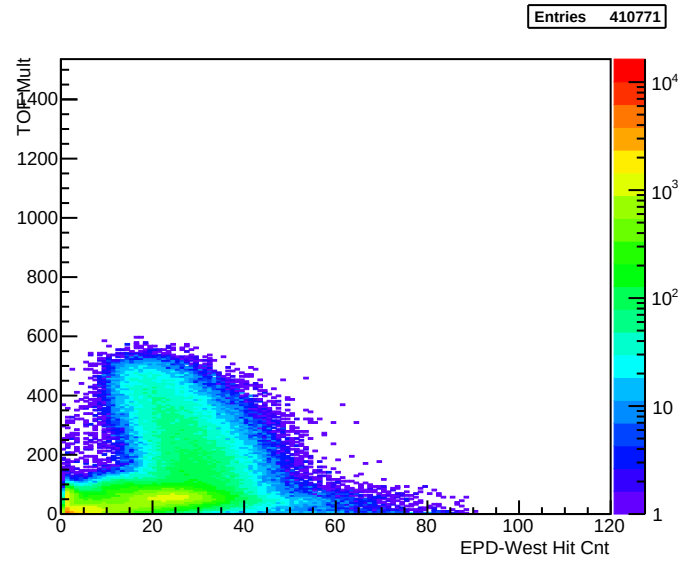

VT201 Input Ch4: VPD Adc Sum Th
Entries 821542
259128
310770
151643
100001
East
West

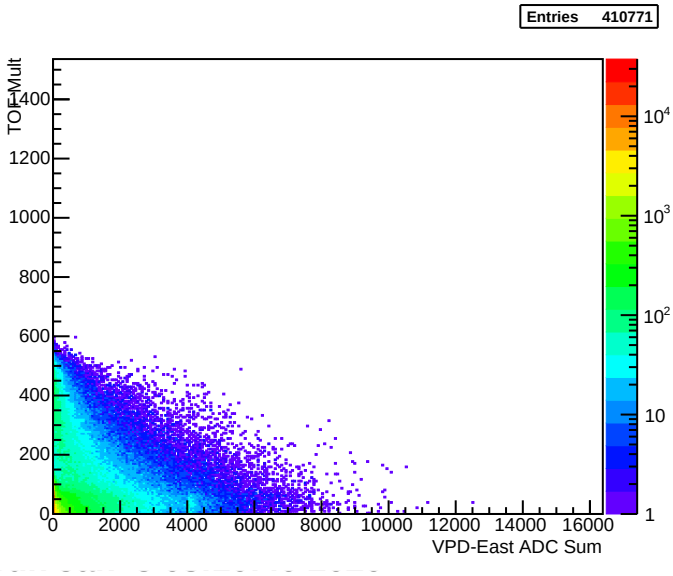

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

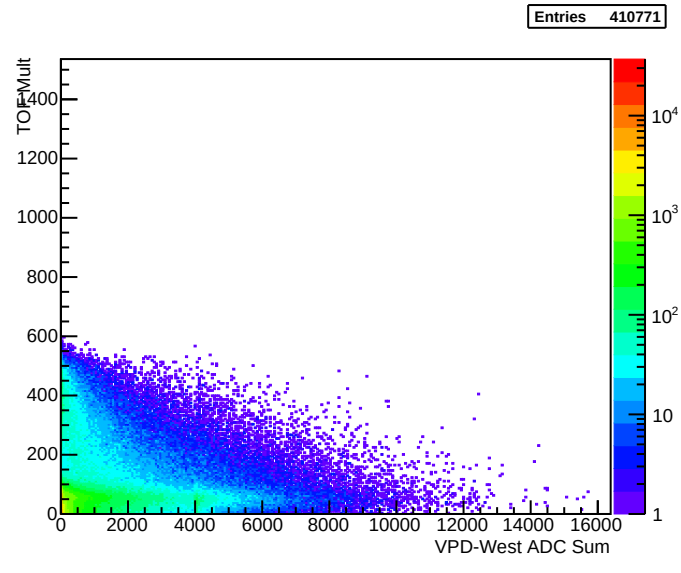

Entries 410771
TOF-Mult
BBC-S-East ADC Sum

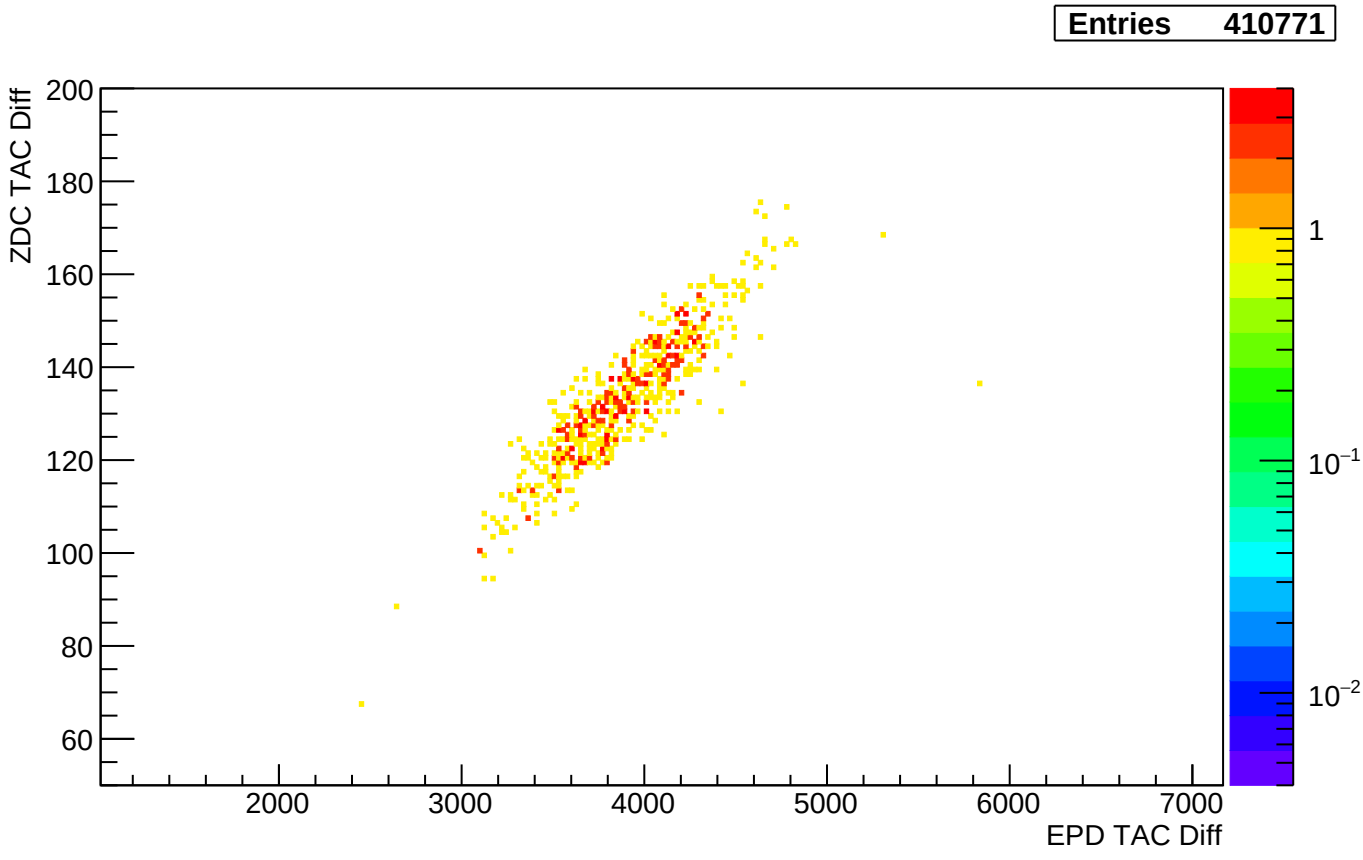

Entries 410771
TOF-Mult
BBC-S-West ADC Sum

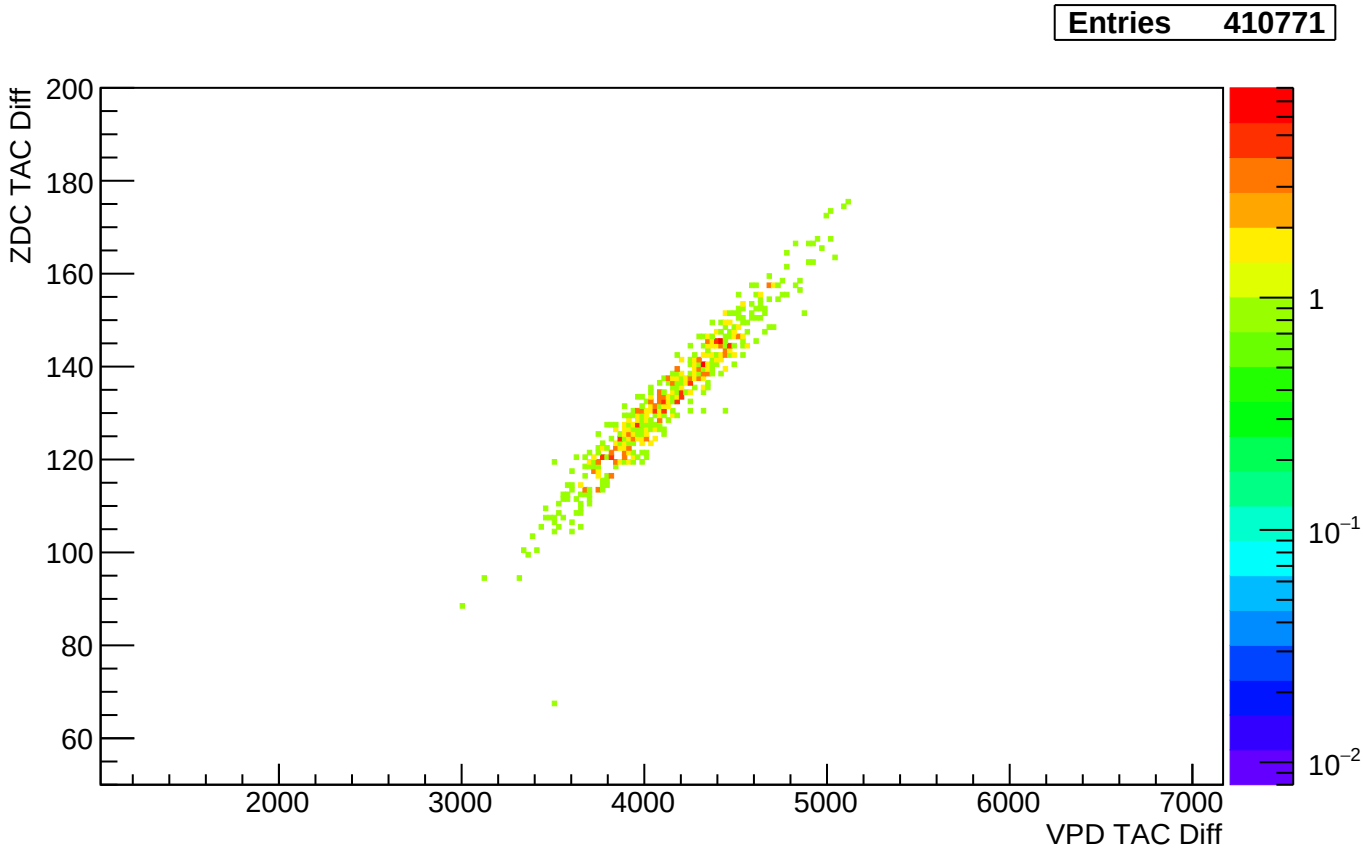

Entries 410771
TOF-Mult
EPD-East Hit Cnt

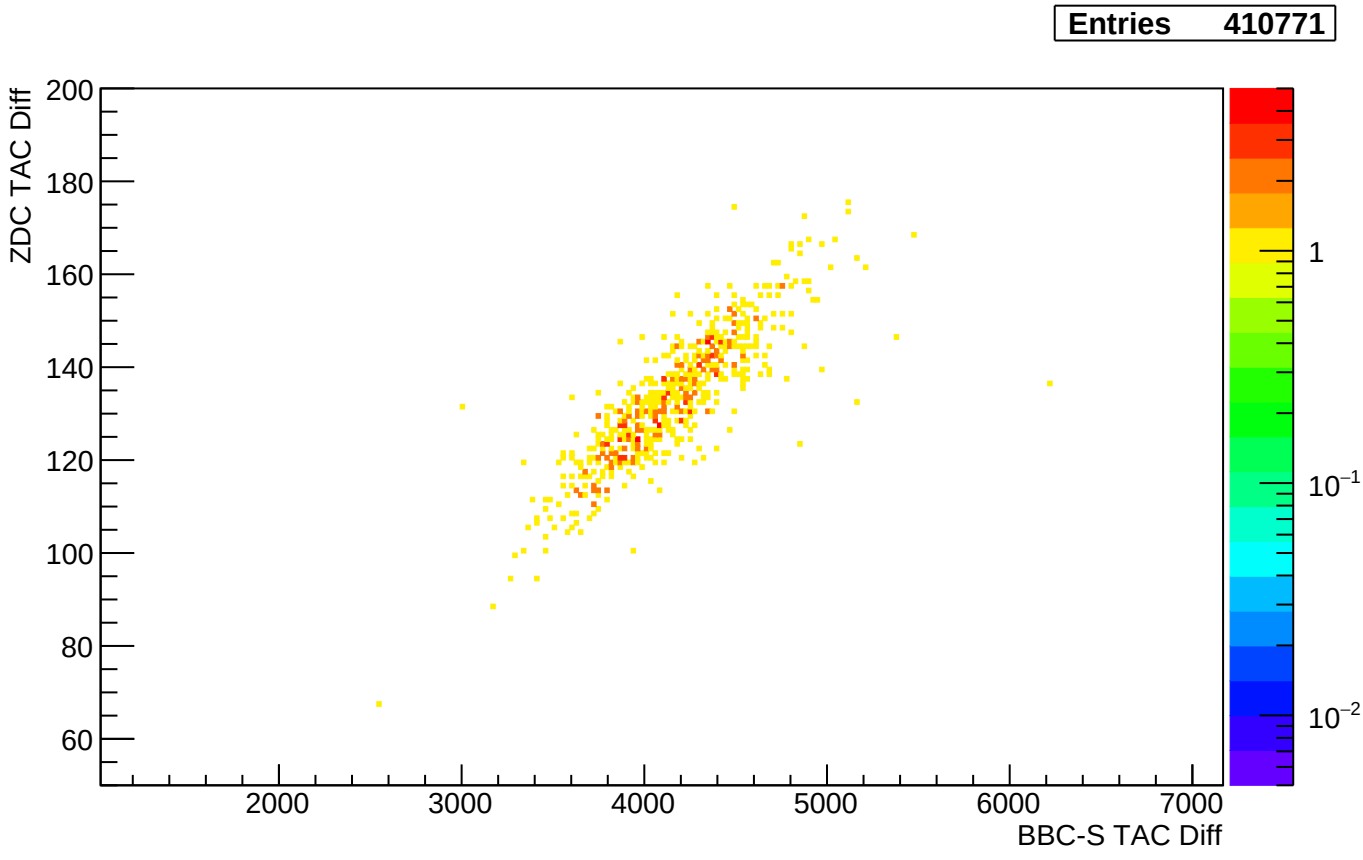

Entries 410771
TOF-Mult
EPD-West Hit Cnt

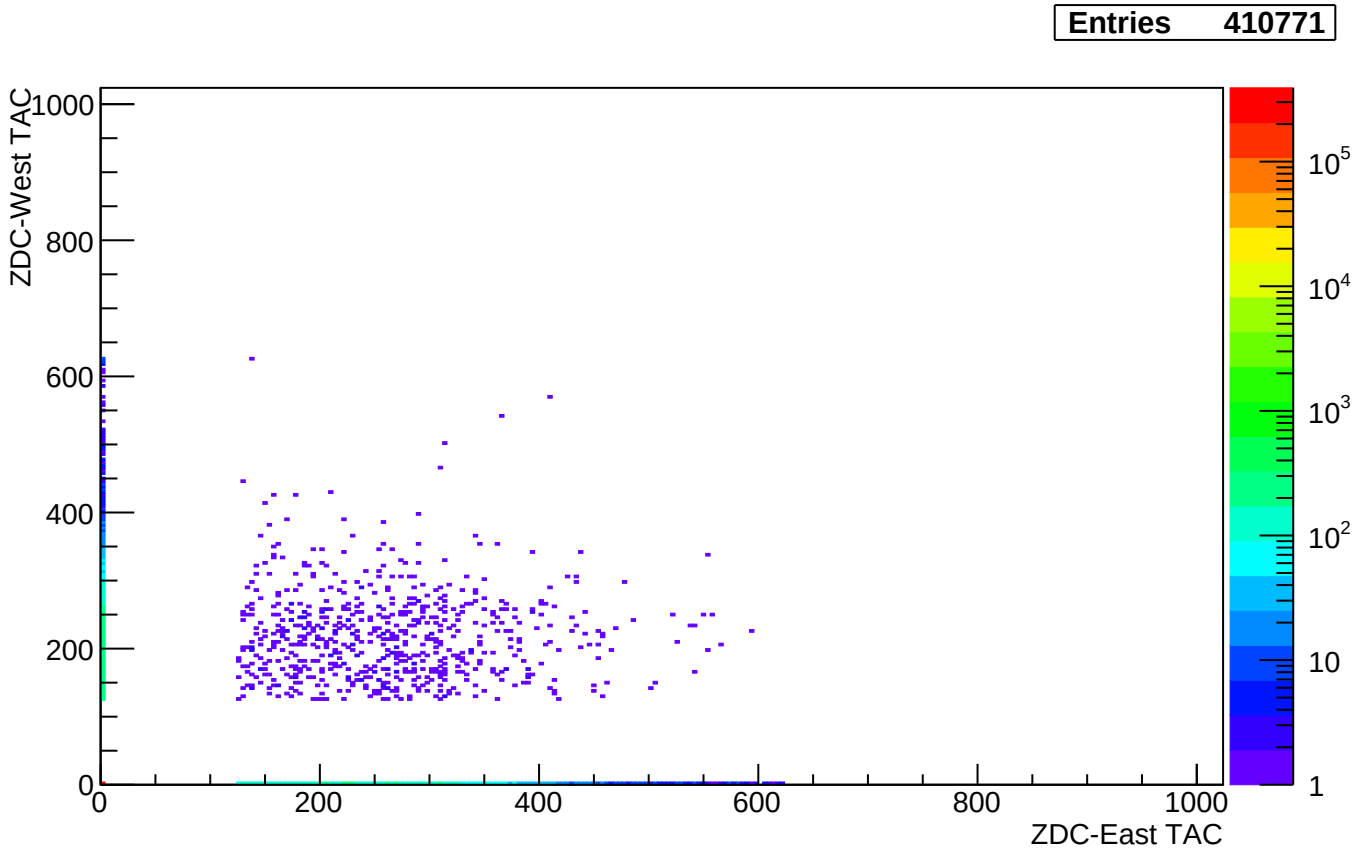

Entries 410771
TOF-Mult
VPD-East ADC Sum

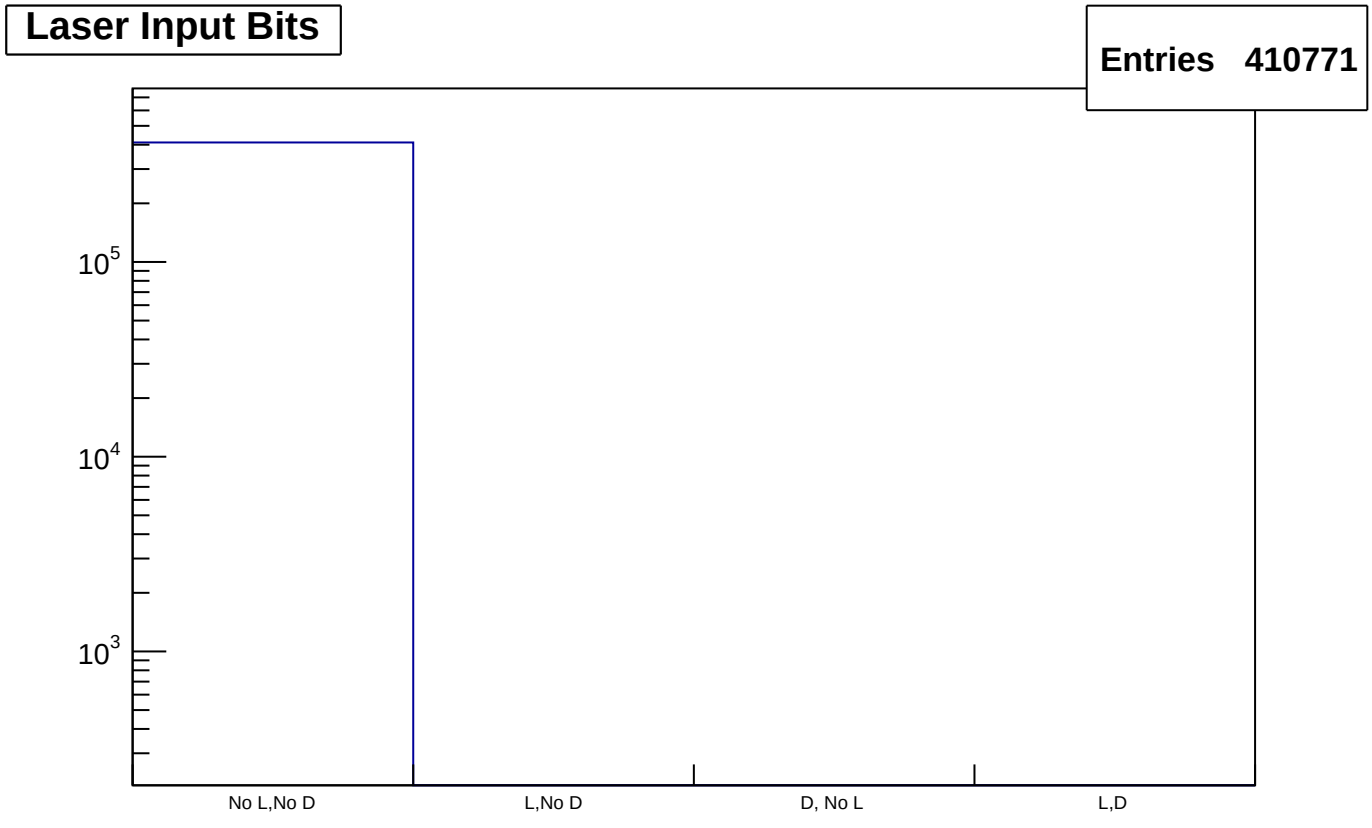

Entries 410771
TOF-Mult
VPD-West ADC Sum

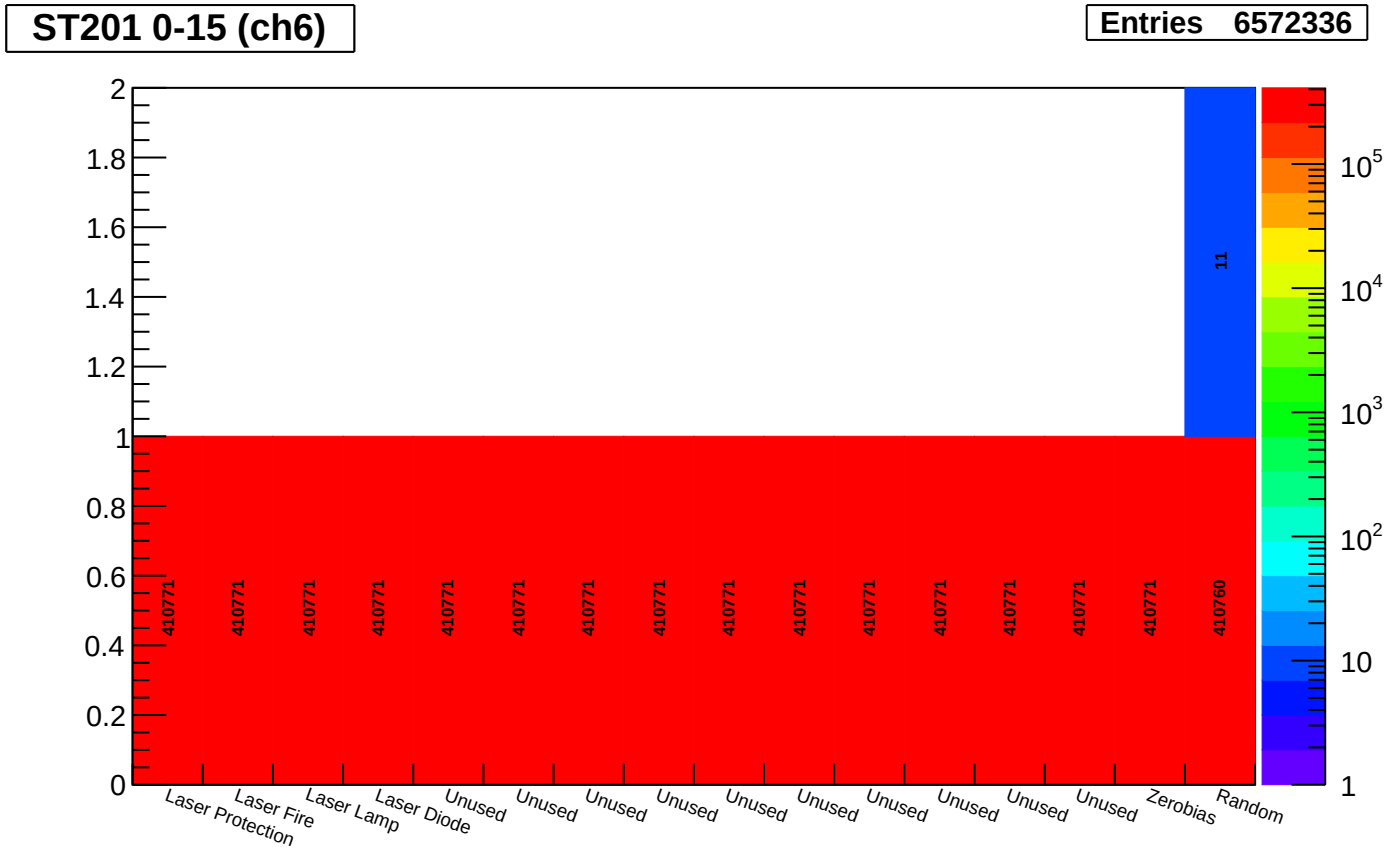

Entries 410771
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

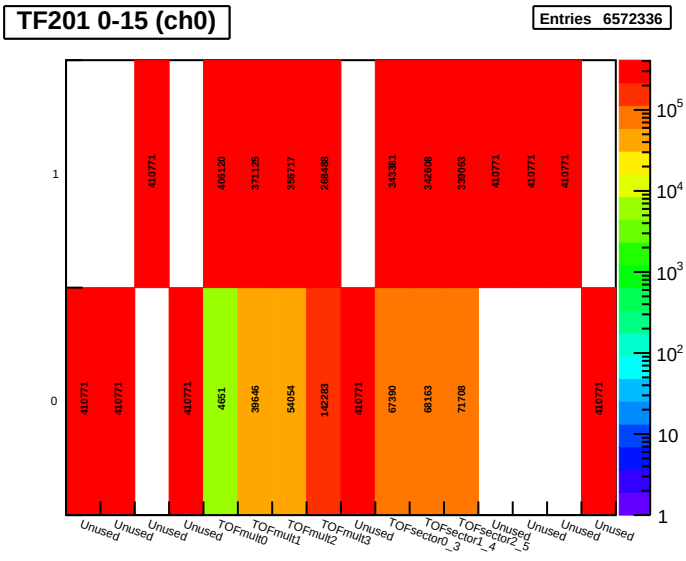

Entries 410771
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

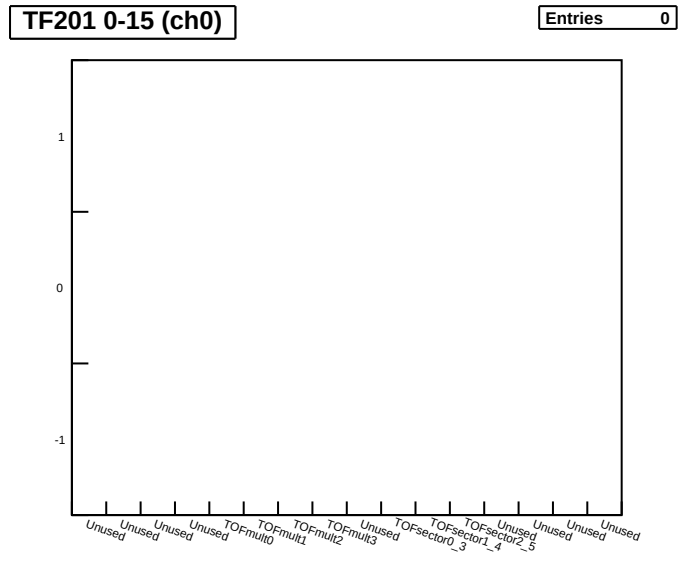

Entries 410771
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

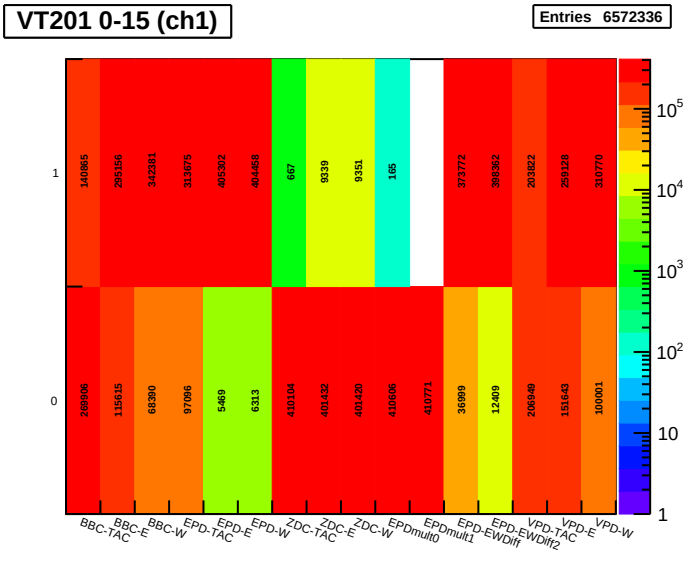

Entries 410771
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

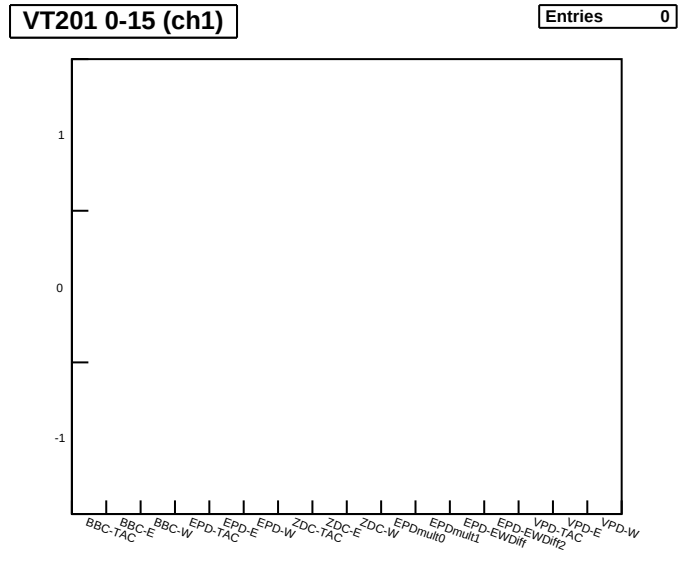

Laser Input Bits
Entries 410771
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

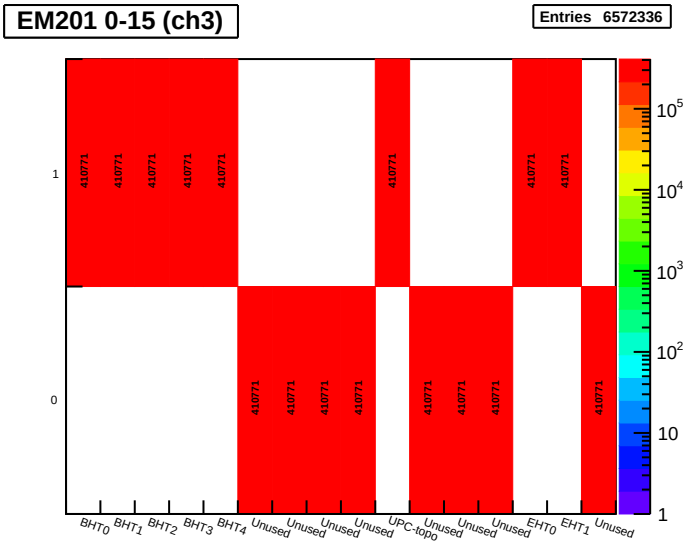

ST201 0-15 (ch6)
Entries 6572336
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
410771
410771
410771
410771
410771
410771
410771
410771
410771
410771
410771
410771
410771
410771
410760
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

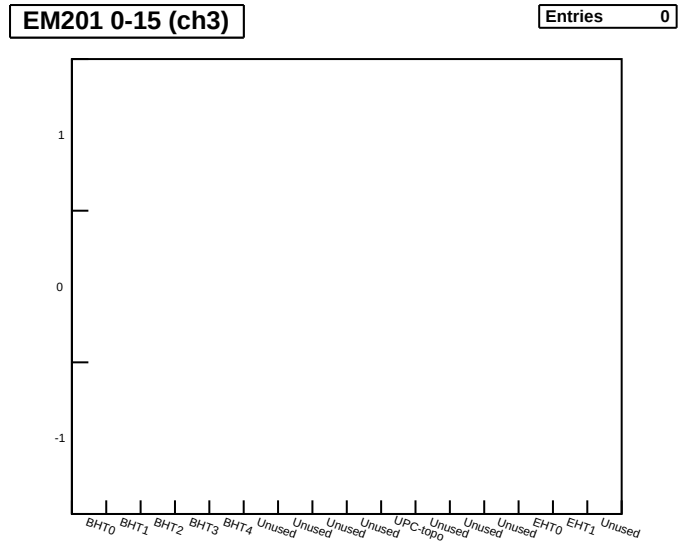

TF201 0-15 (ch0)
Entries 6572336
1
0
410771
406120
371125
356717
268488
343381
342608
339063
410771
410771
410771
410771
410771
410771
4651
39646
54054
142283
410771
67390
68163
71708
410771
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 6572336
1
0
140855
295156
342381
313675
405302
404458
667
9339
9351
165
373772
398362
203822
259128
310770
268906
115615
68390
97086
5469
6313
410104
401432
401420
410606
410771
36999
12409
206949
151643
100001
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 6572336
1
0
410771
410771
410771
410771
410771
410771
410771
410771
410771
410771
410771
410771
410771
410771
410771
410771
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