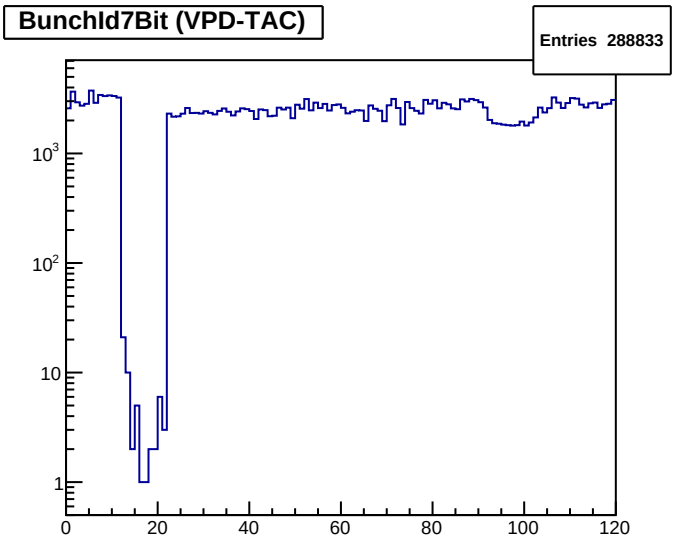
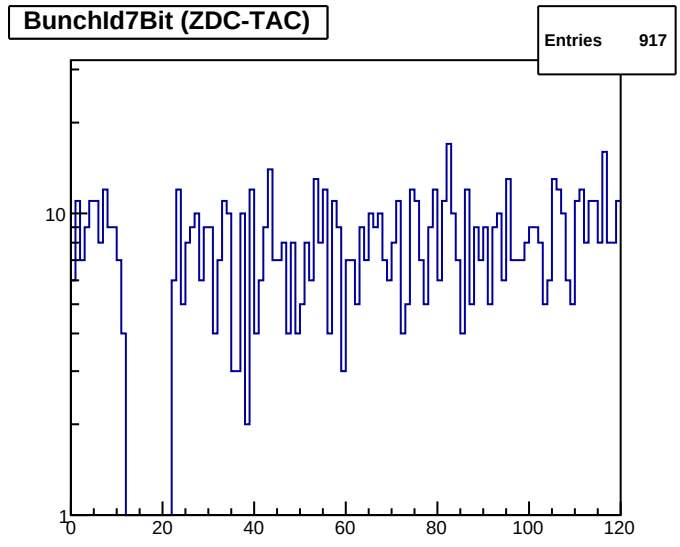
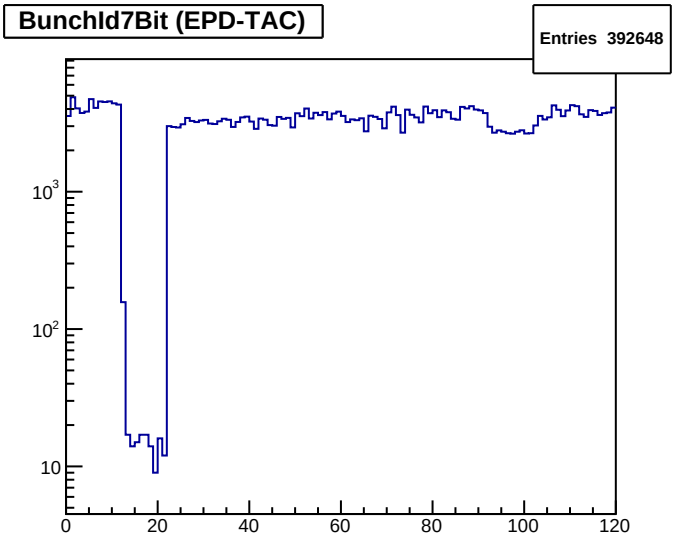
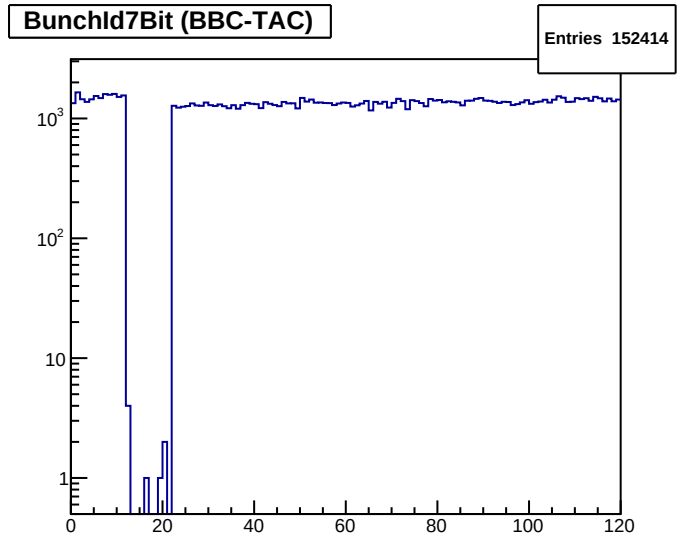
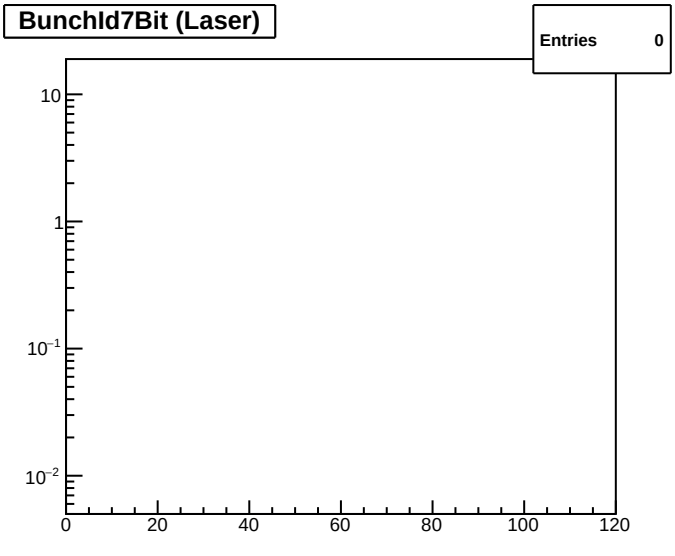
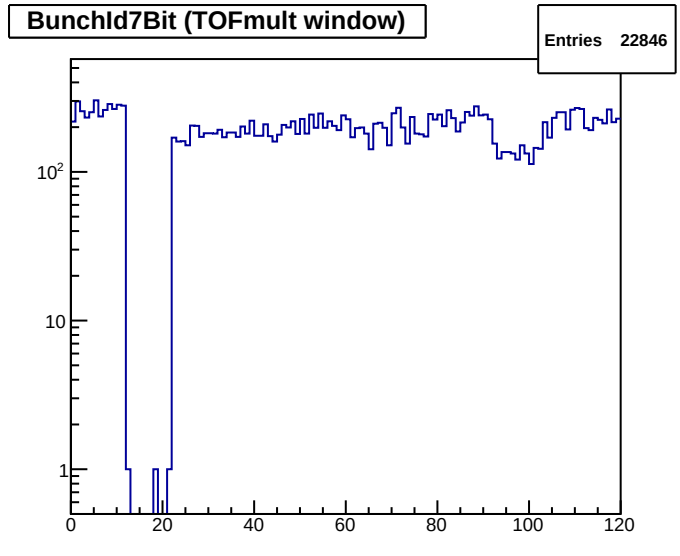

BunchId7Bit (VPD-TAC)
Entries 288833

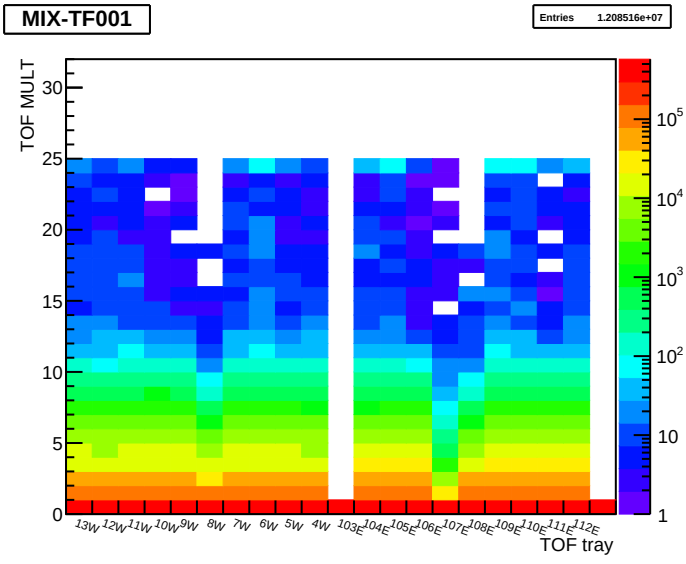

BunchId7Bit (ZDC-TAC)
Entries 917

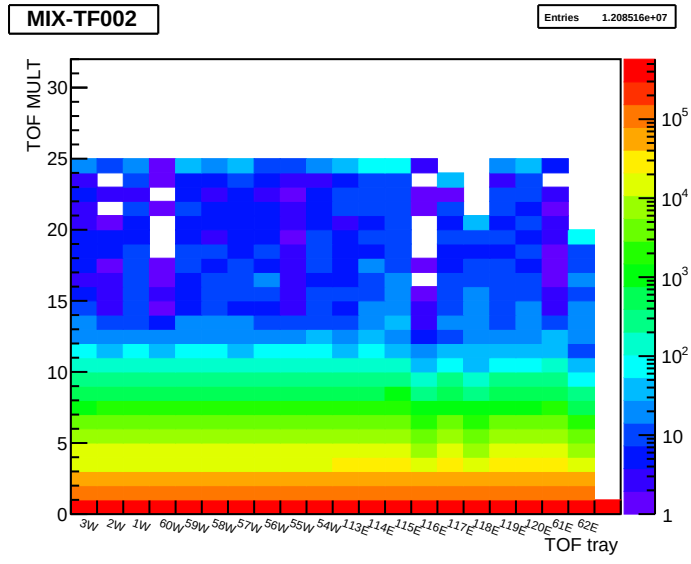

BunchId7Bit (EPD-TAC)
Entries 392648

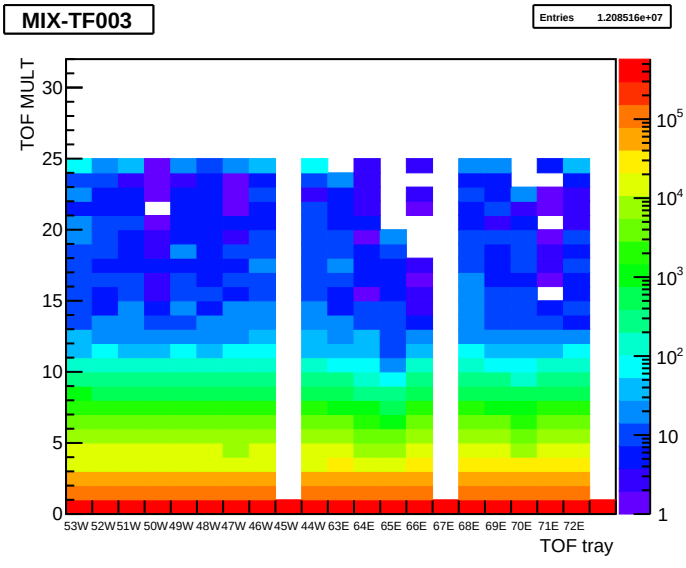

BunchId7Bit (BBC-TAC)
Entries 152414

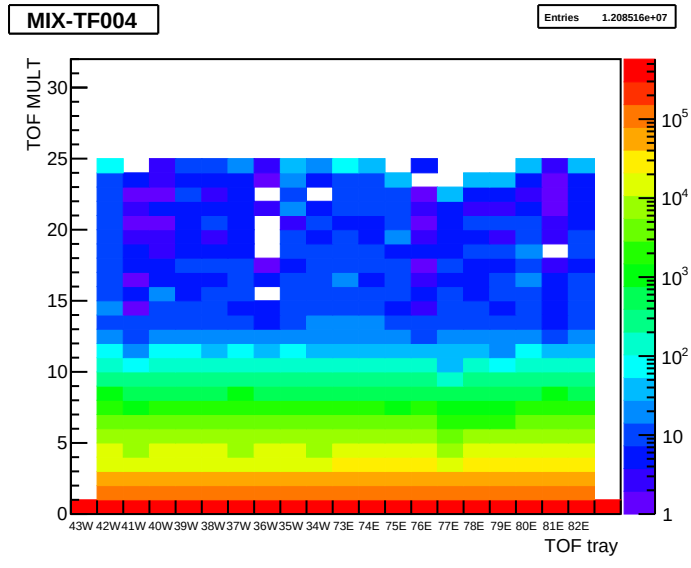

BunchId7Bit (Laser)
Entries 0

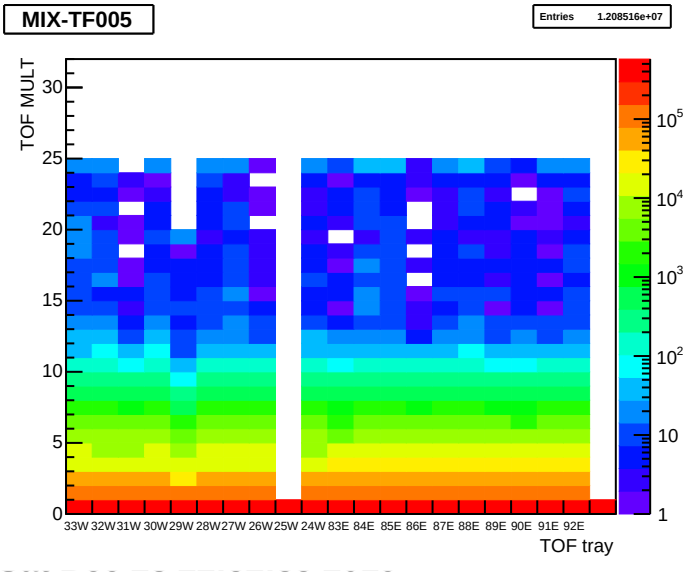

BunchId7Bit (TOFmult window)
Entries 22846

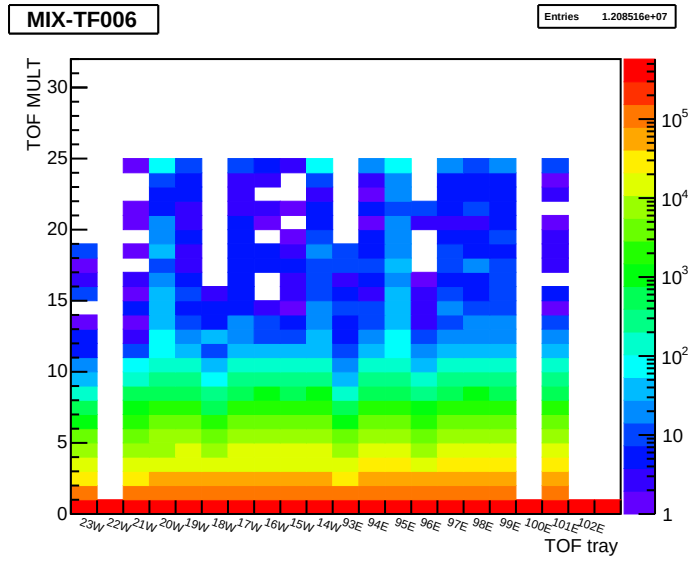

MIX-TF001
Entries 1.208516e+07
TOF MULT
TOF tray

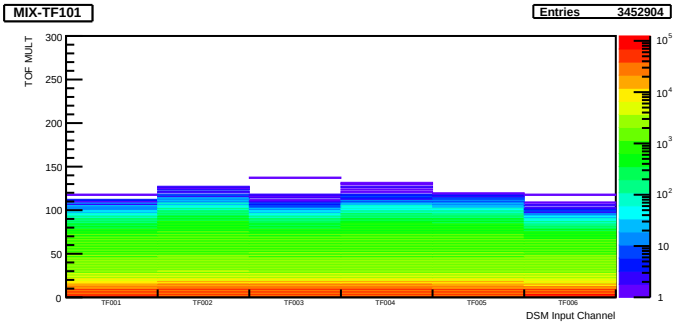

MIX-TF002
Entries 1.208516e+07
TOF MULT
TOF tray

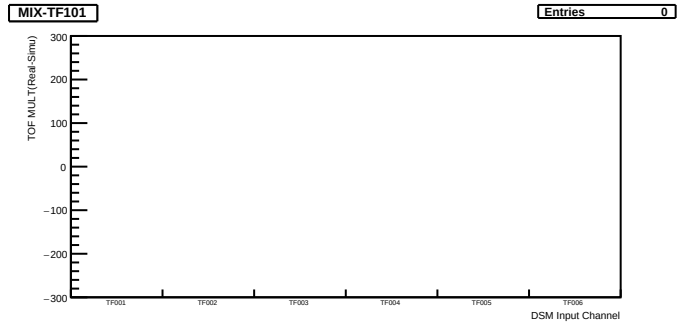

MIX-TF003
Entries 1.208516e+07
TOF MULT
TOF tray

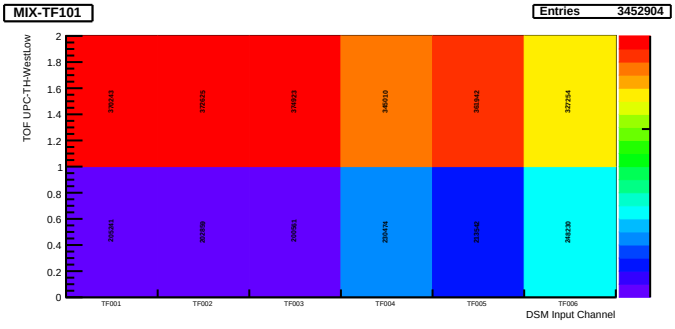

MIX-TF004
Entries 1.208516e+07
TOF MULT
TOF tray

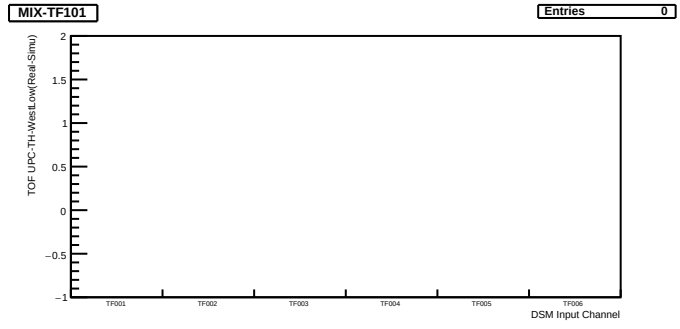

MIX-TF005
Entries 1.208516e+07
TOF MULT
TOF tray

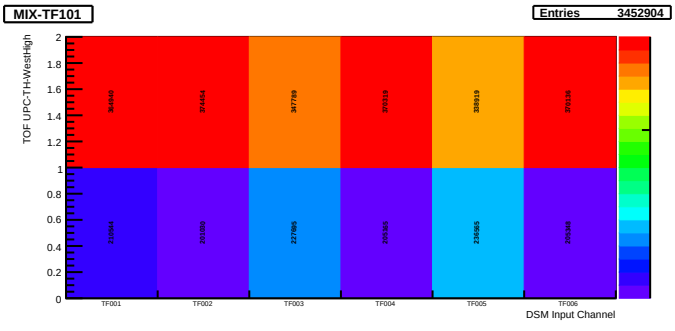

MIX-TF006
Entries 1.208516e+07
TOF MULT
TOF tray

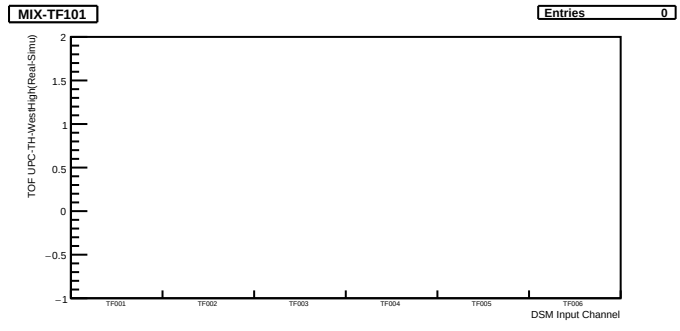

MIX-TF101
Entries 3452904
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

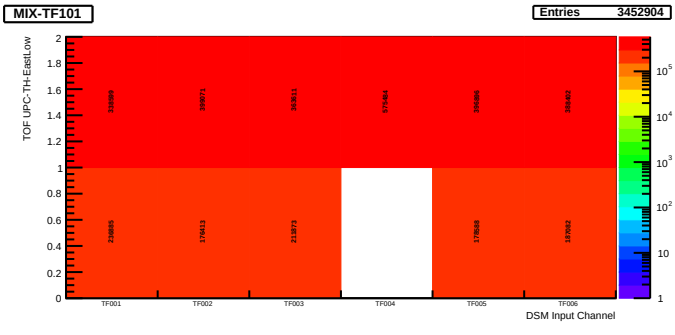

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

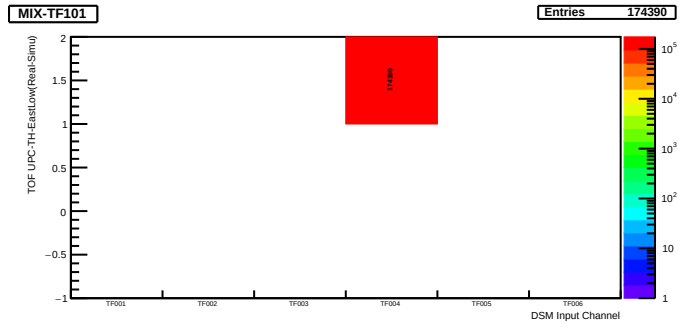

MIX-TF101
Entries 3452904
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

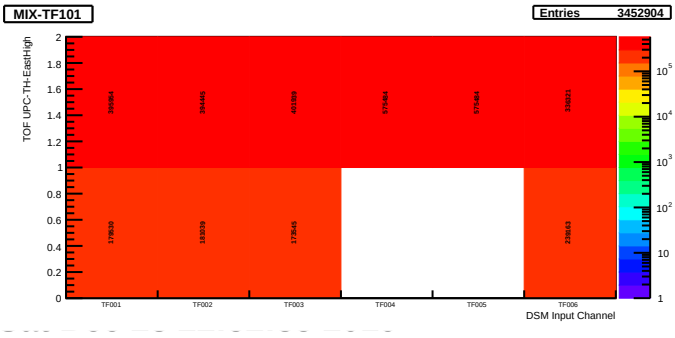

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

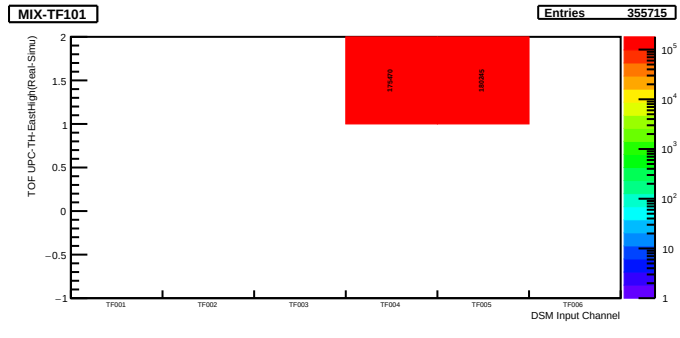

MIX-TF101
Entries 3452904
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

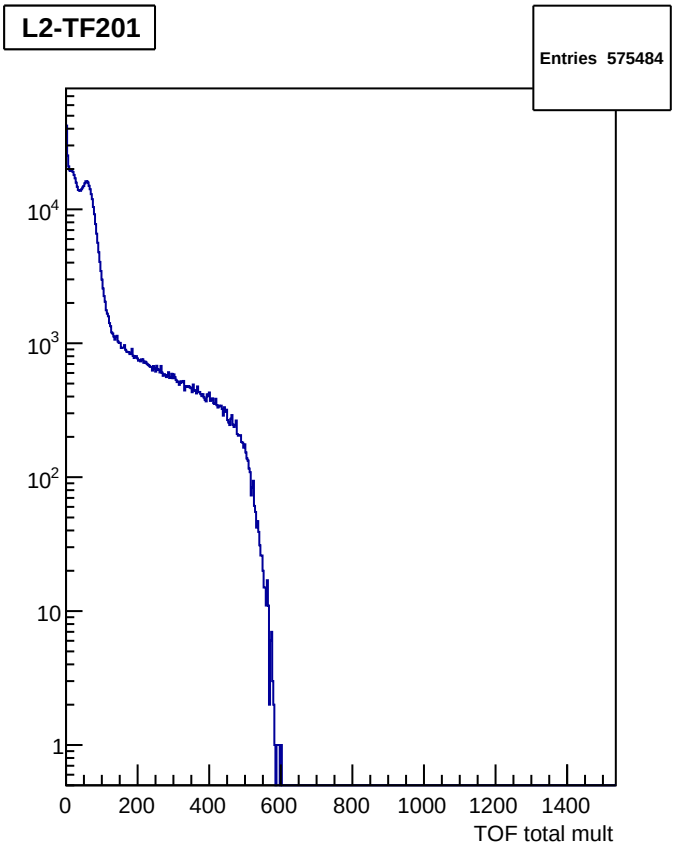

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

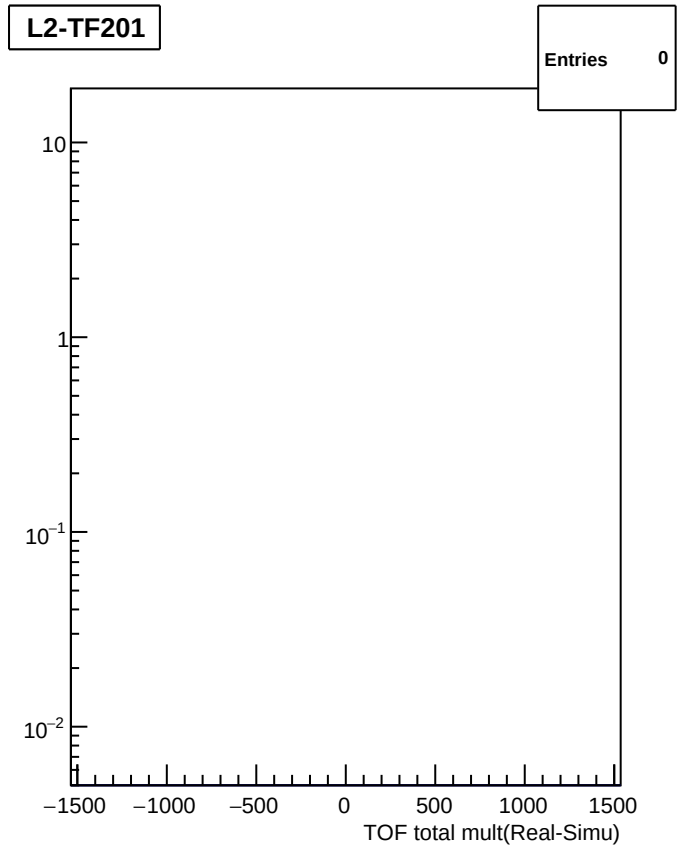

MIX-TF101
Entries 3452904
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

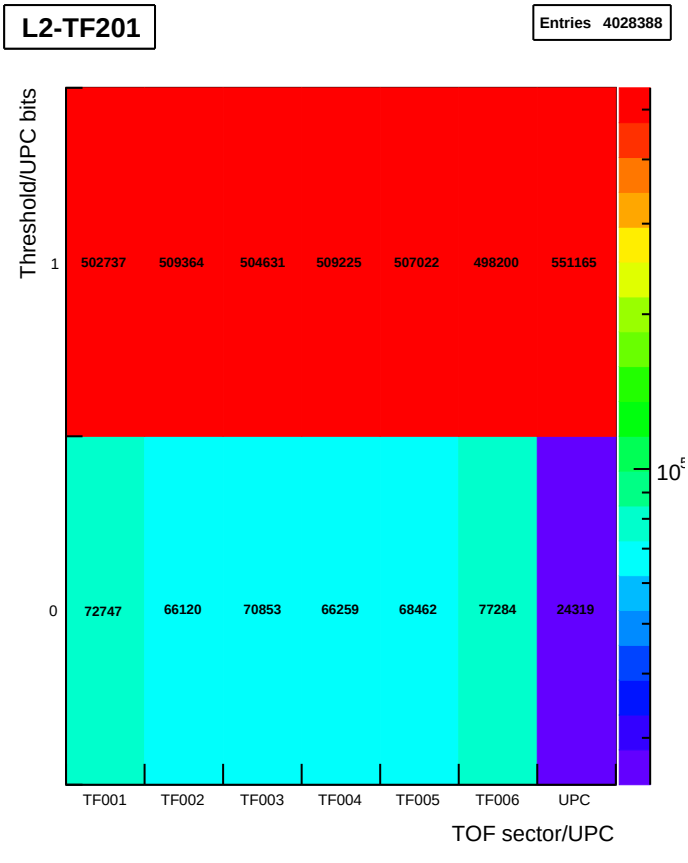

MIX-TF101
Entries 174390
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

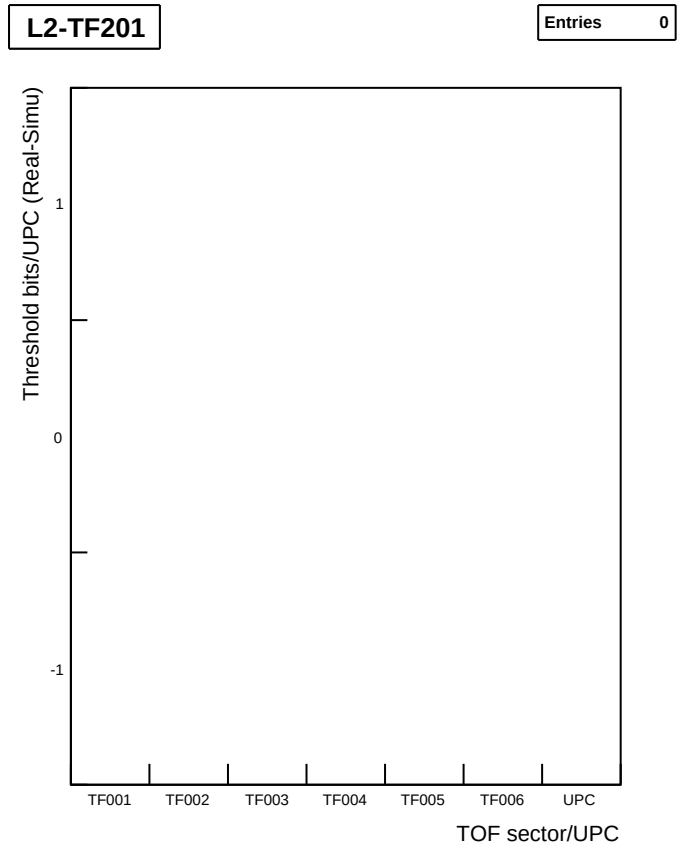

MIX-TF101
Entries 3452904
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

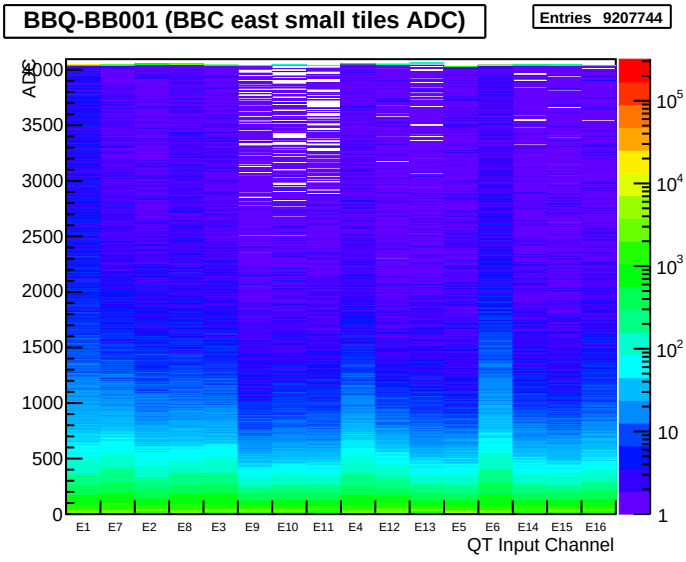

MIX-TF101
Entries 355715
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

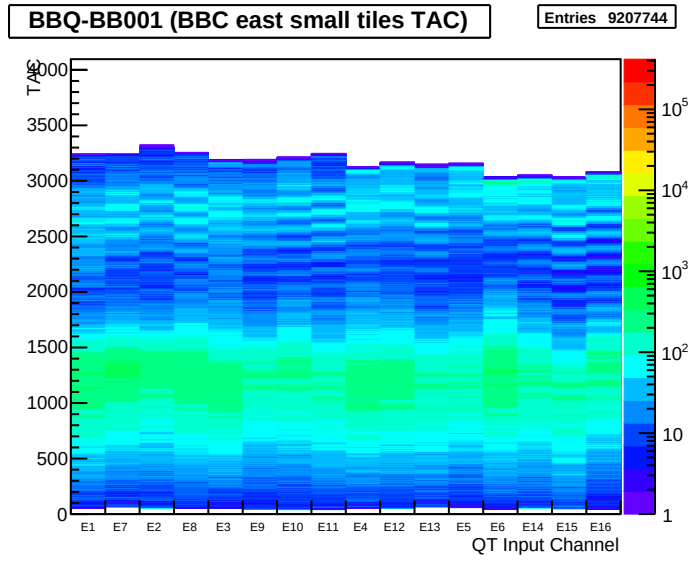

L2-TF201
Entries 575484
TOF total mult

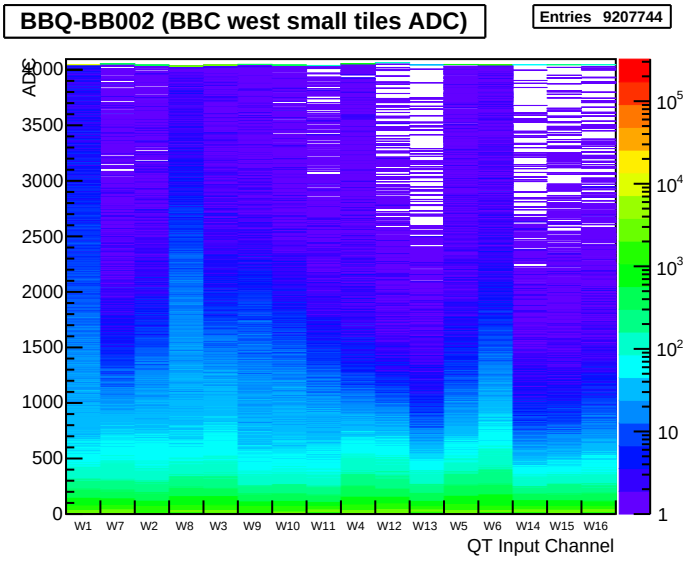

L2-TF201
Entries 0
TOF total mult(Real-Simu)

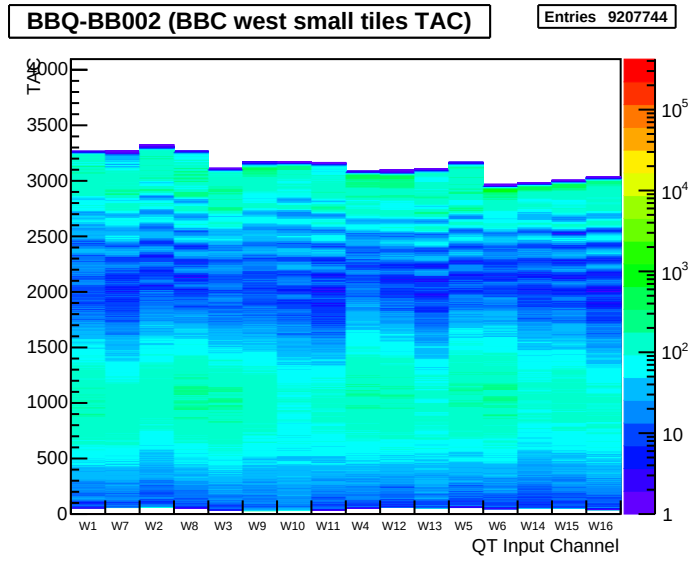

L2-TF201
Entries 4028388
Threshold/UPC bits
502737
509364
504631
509225
507022
498200
551165
72747
66120
70853
66259
68462
77284
24319
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

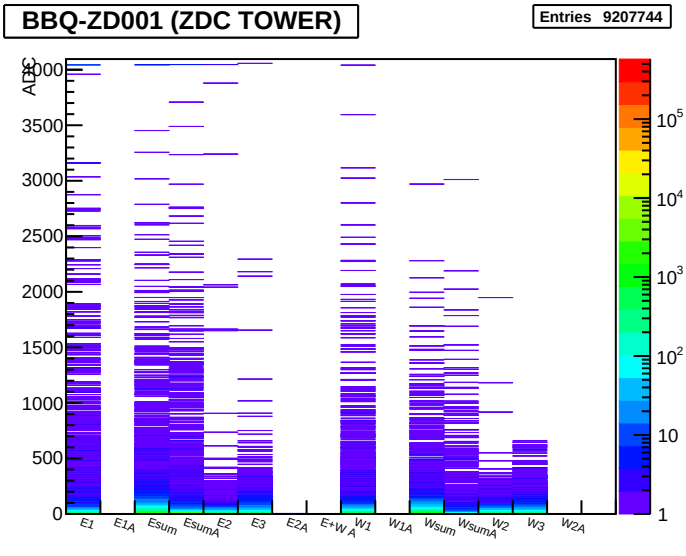

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

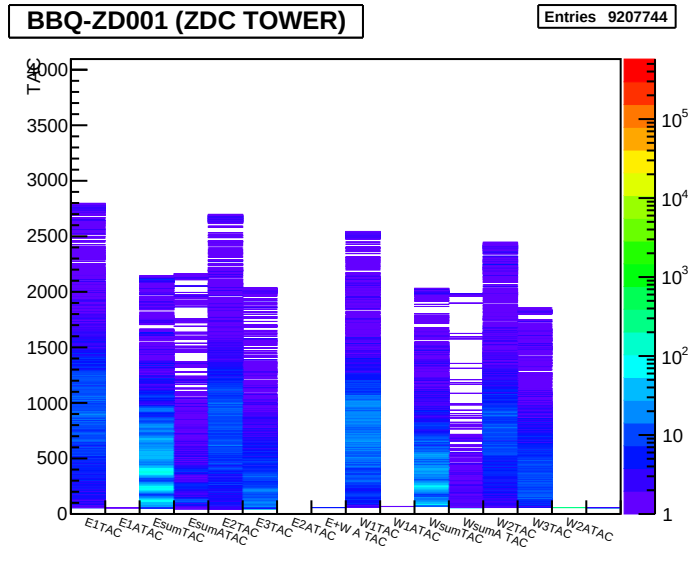

BBQ-BB001 (BBC east small tiles ADC)
Entries 9207744
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

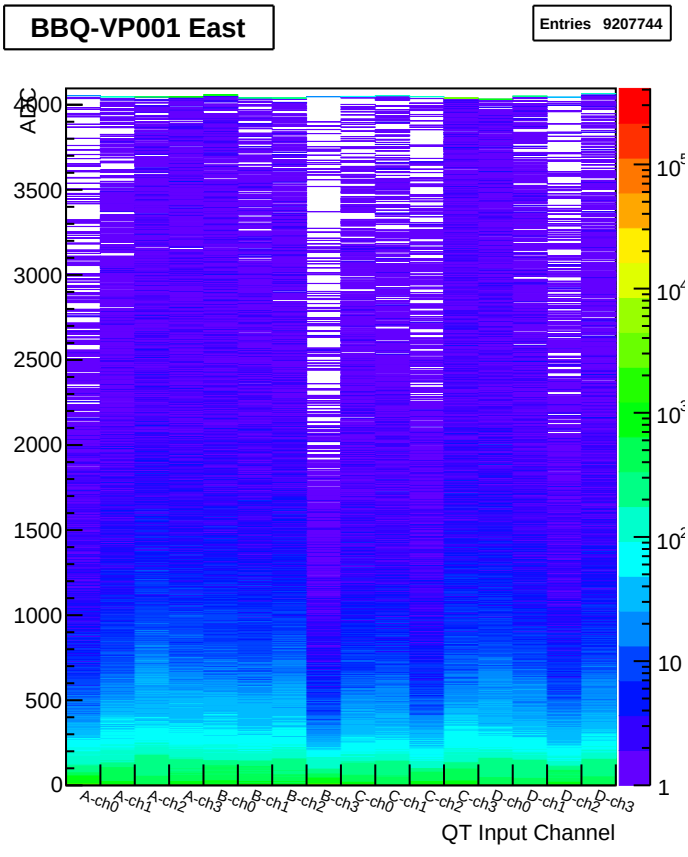

BBQ-BB001 (BBC east small tiles TAC)
Entries 9207744
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

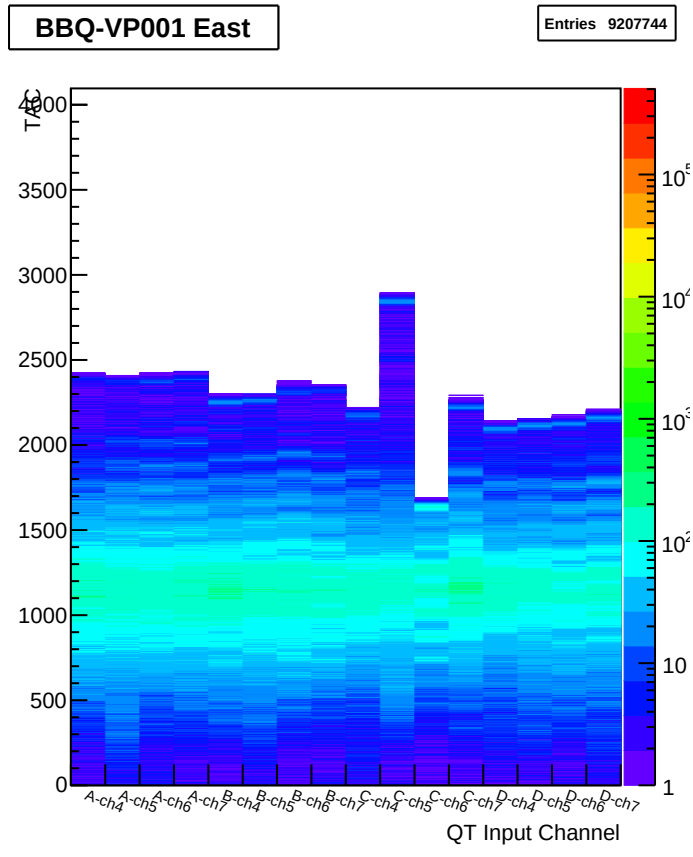

BBQ-BB002 (BBC west small tiles ADC)
Entries 9207744
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

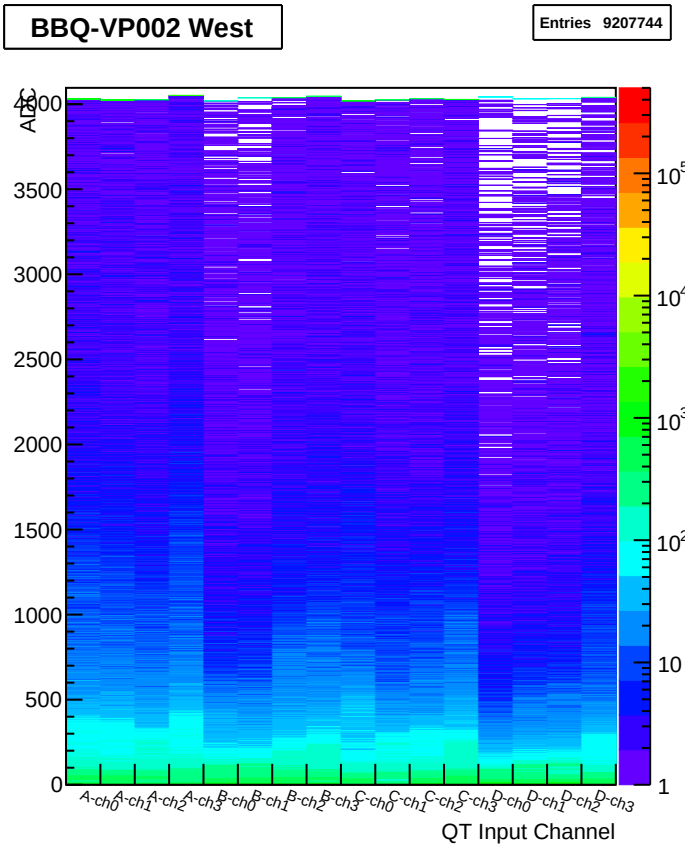

BBQ-BB002 (BBC west small tiles TAC)
Entries 9207744
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

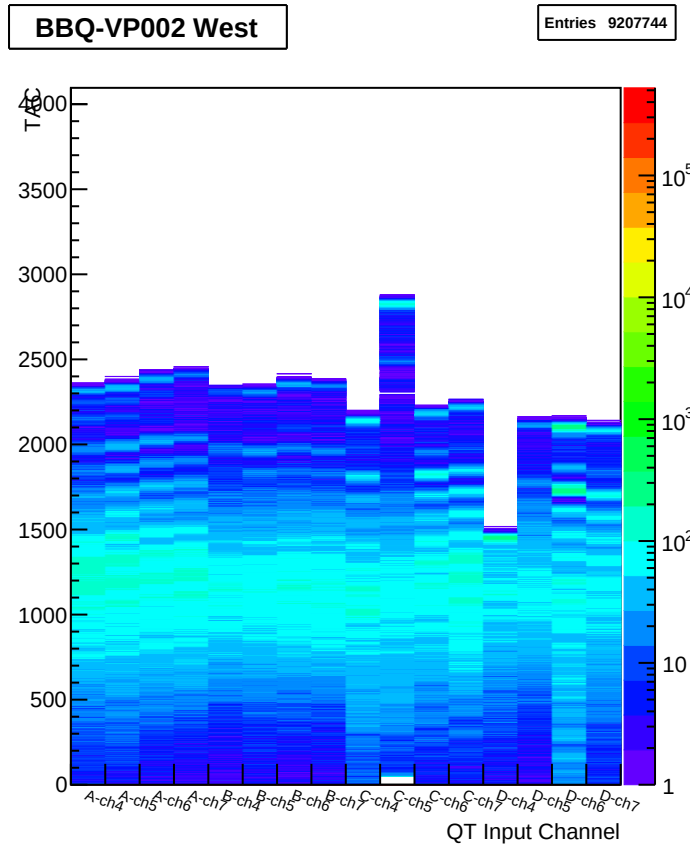

BBQ-ZD001 (ZDC TOWER)
Entries 9207744
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

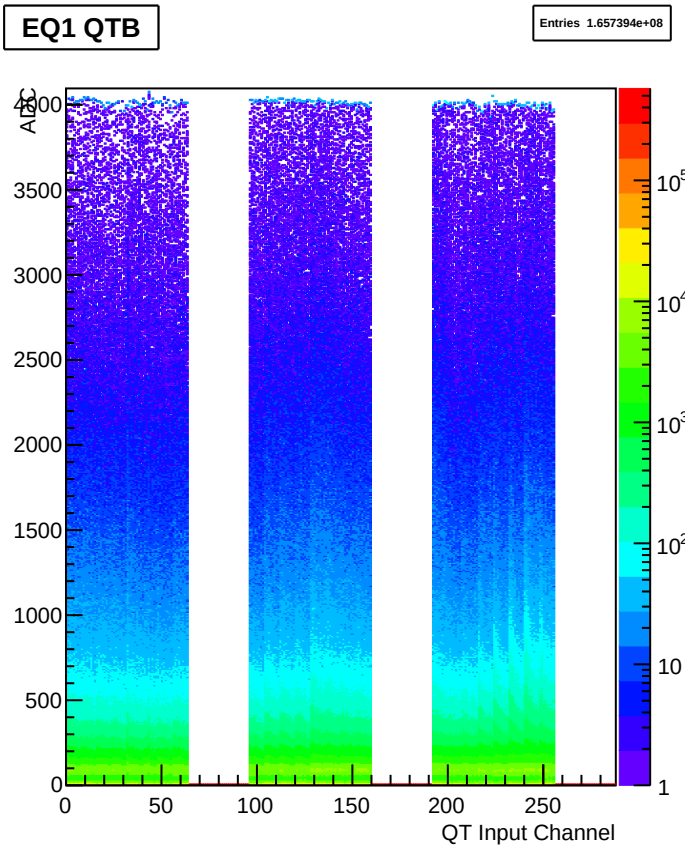

BBQ-ZD001 (ZDC TOWER)
Entries 9207744
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

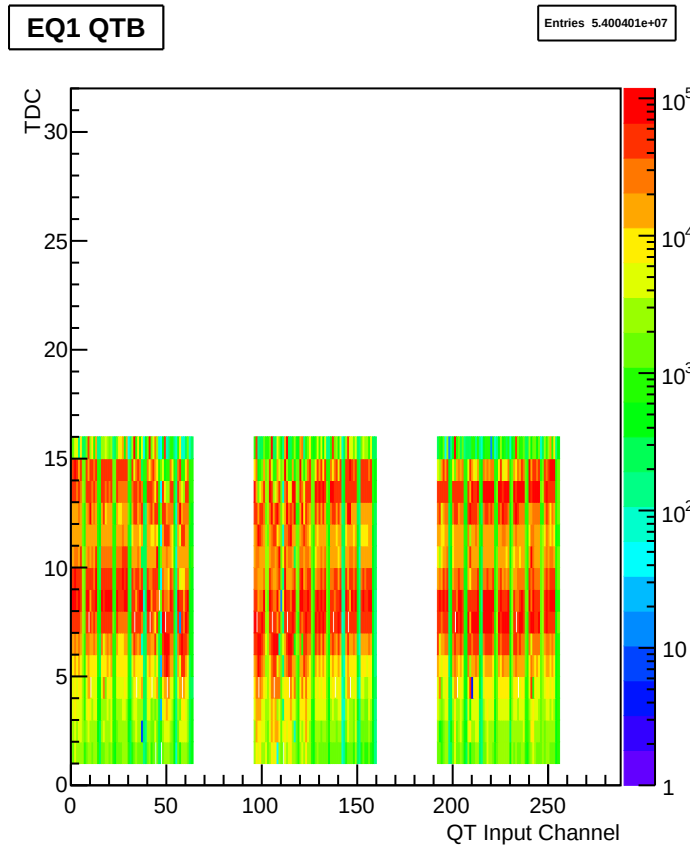

BBQ-VP001 East
Entries 9207744
ADC
QT Input Channel

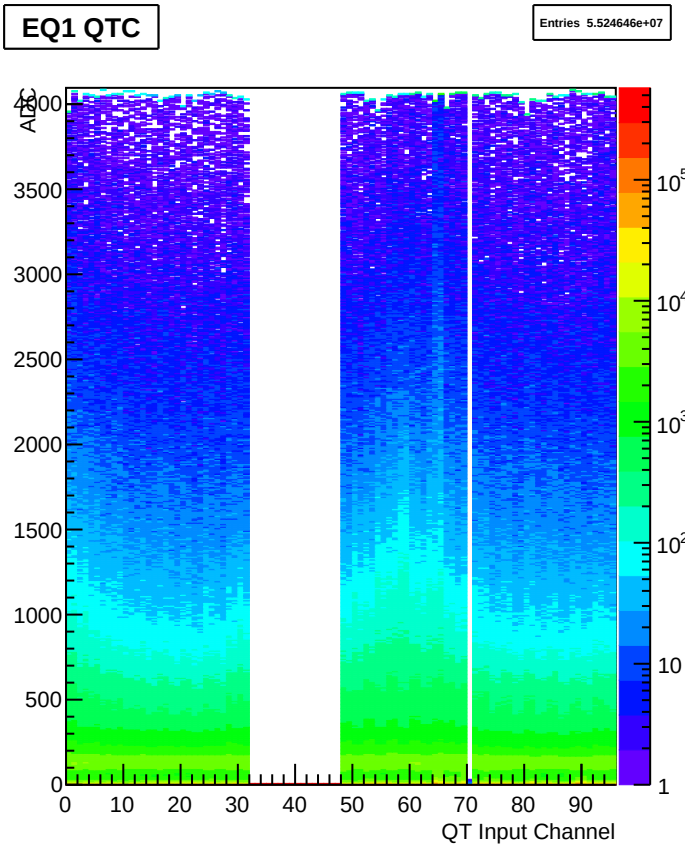

BBQ-VP001 East
Entries 9207744
ADC
QT Input Channel

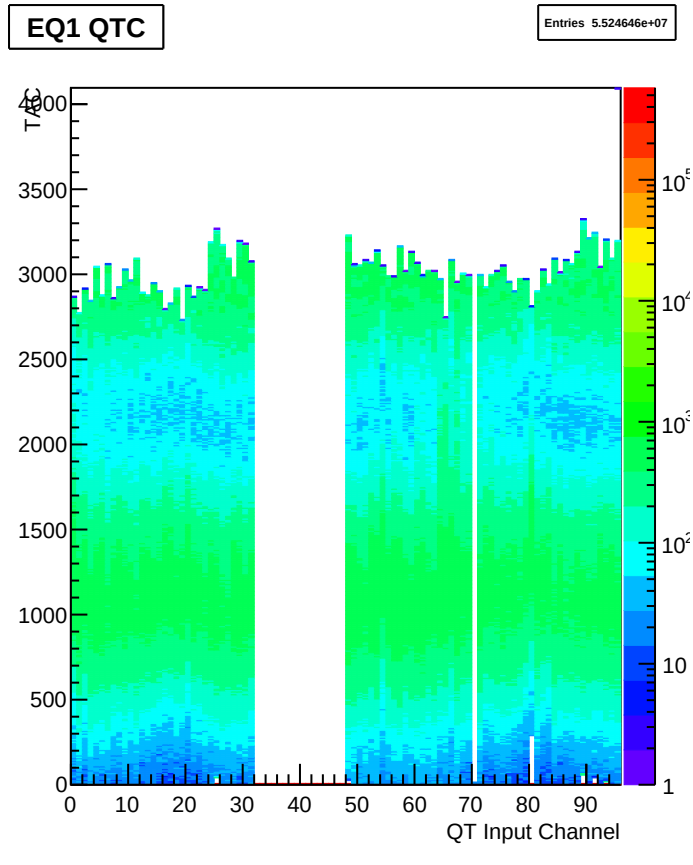

BBQ-VP002 West
Entries 9207744
ADC
QT Input Channel

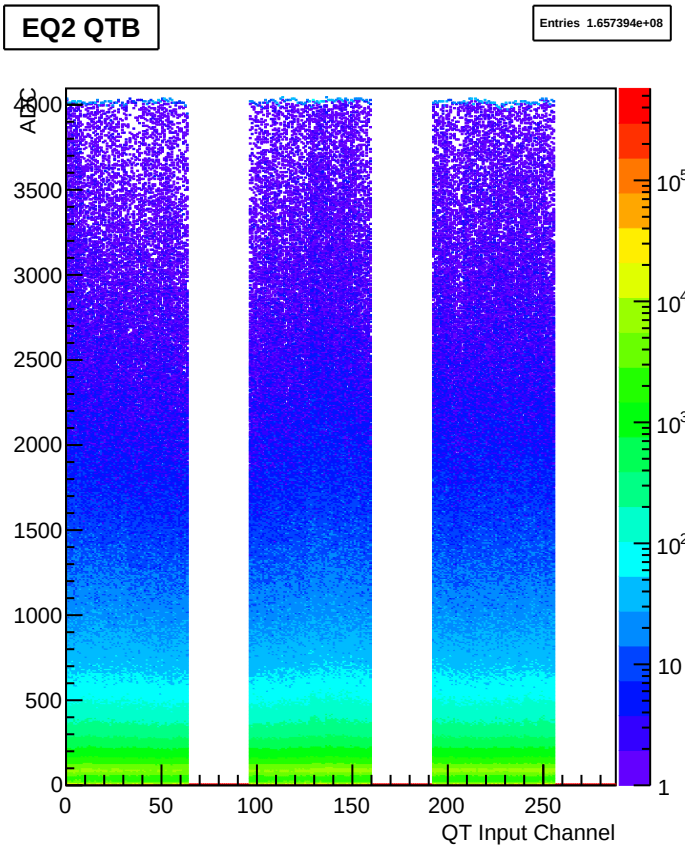

BBQ-VP002 West
Entries 9207744
ADC
QT Input Channel

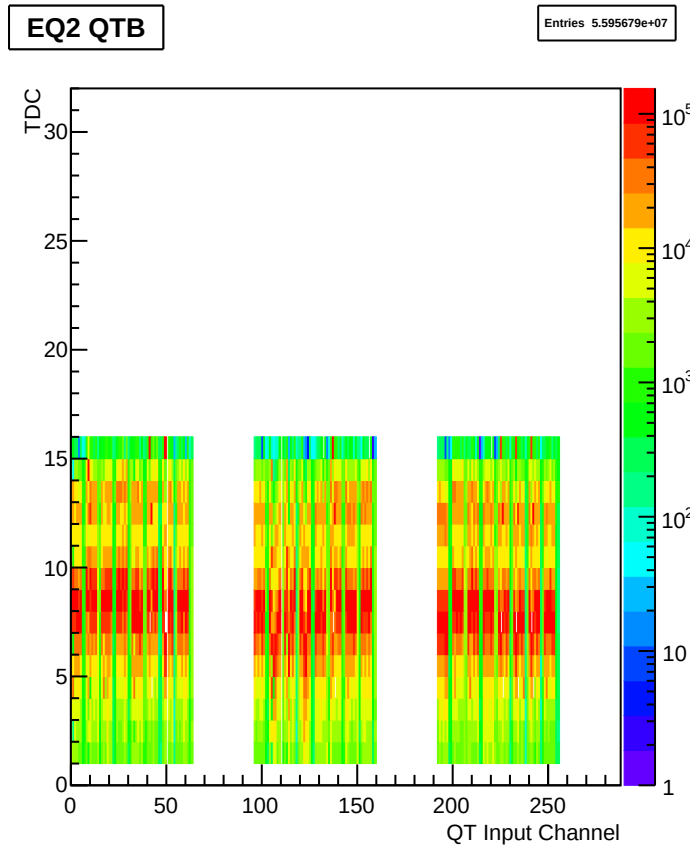

EQ1 QTB
Entries 1.657394e+08
ADC
QT Input Channel

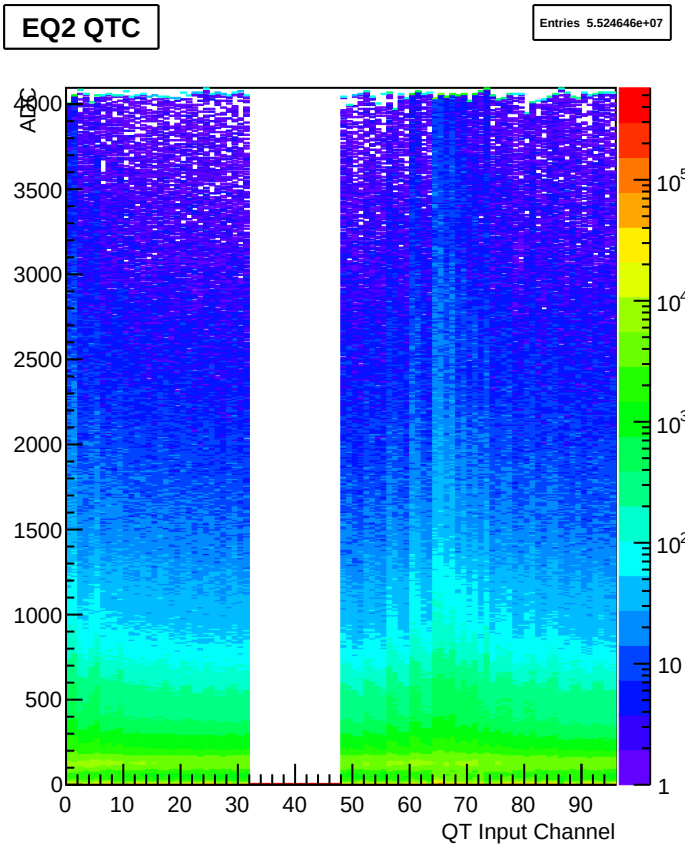

EQ1 QTB
Entries 5.400401e+07
TDC
QT Input Channel

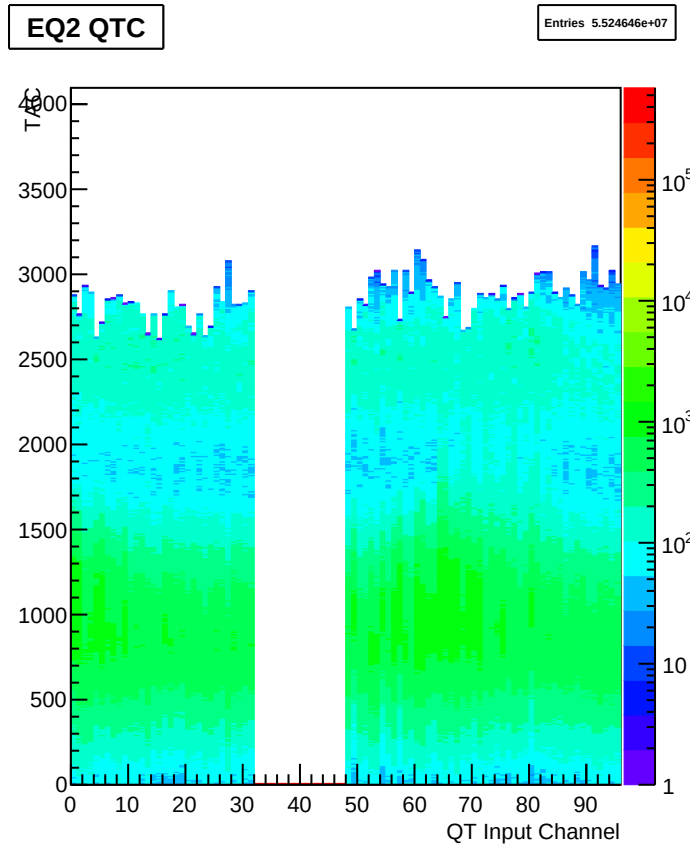

EQ1 QTC
Entries 5.524646e+07
ADC
QT Input Channel

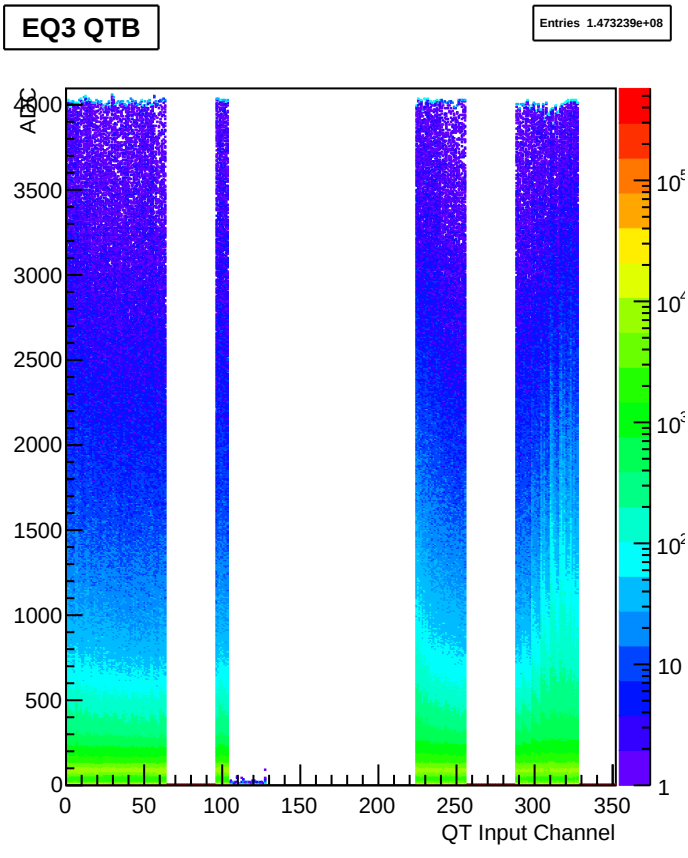

EQ1 QTC
Entries 5.524646e+07
TADC
QT Input Channel

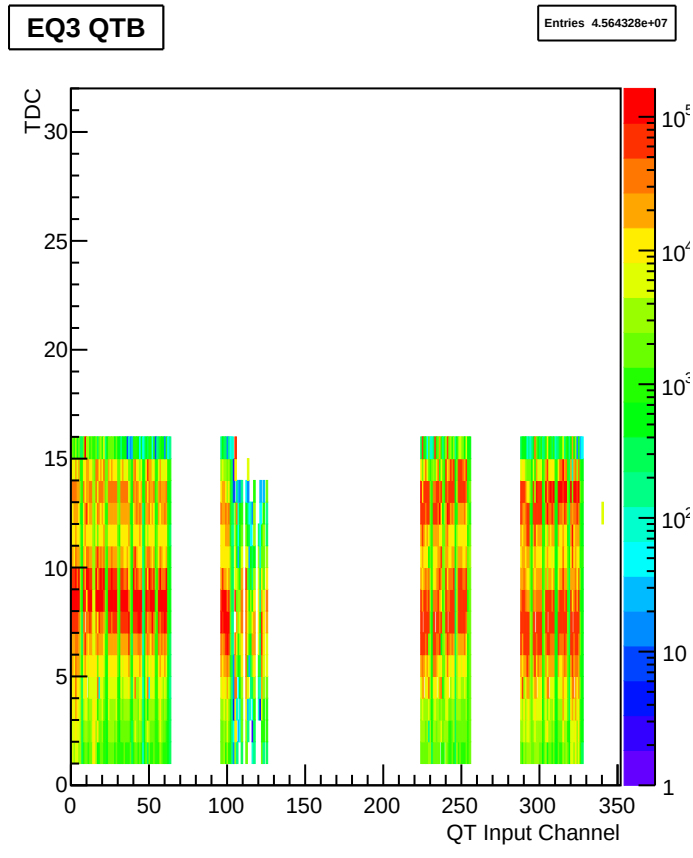

EQ2 QTB
Entries 1.657394e+08
ADC
QT Input Channel

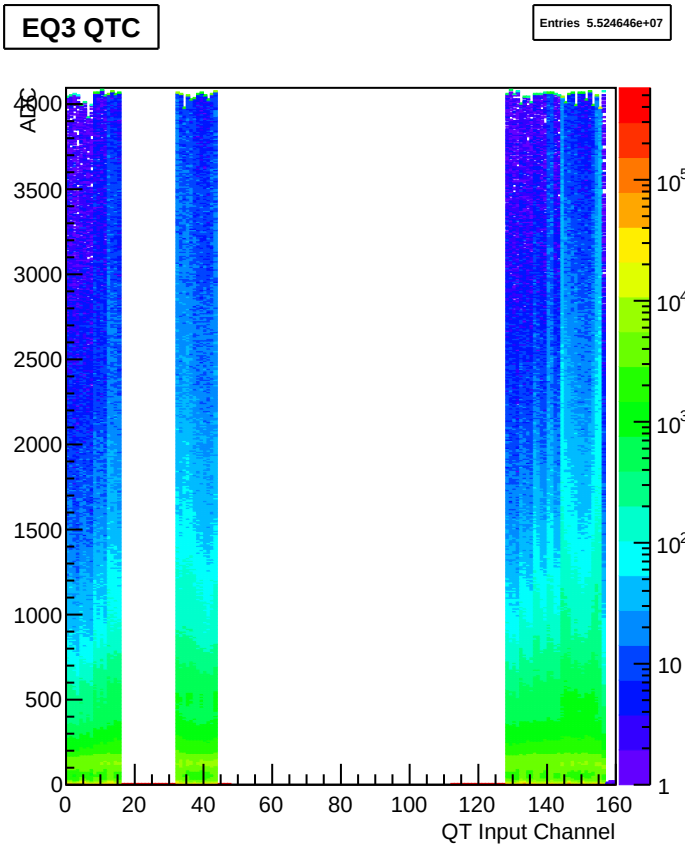

EQ2 QTB
Entries 5.595679e+07
TDC
QT Input Channel

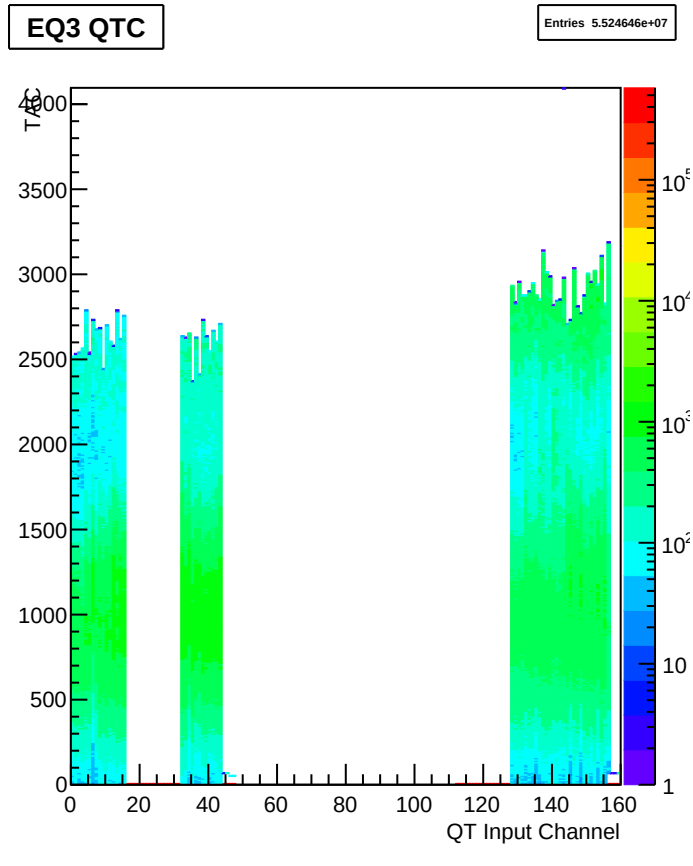

EQ2 QTC
Entries 5.524646e+07
ADC
QT Input Channel

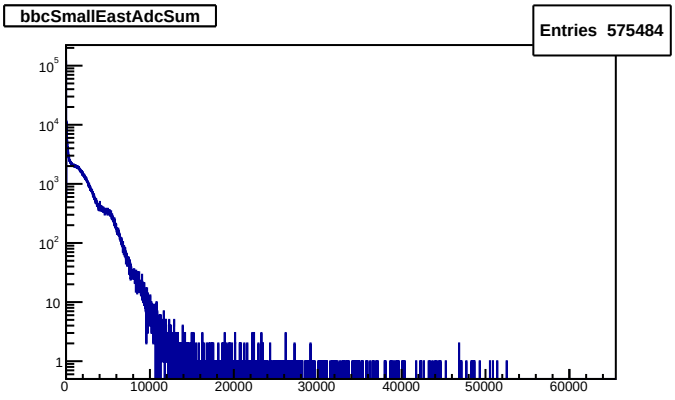

EQ2 QTC
Entries 5.524646e+07
TADC
QT Input Channel

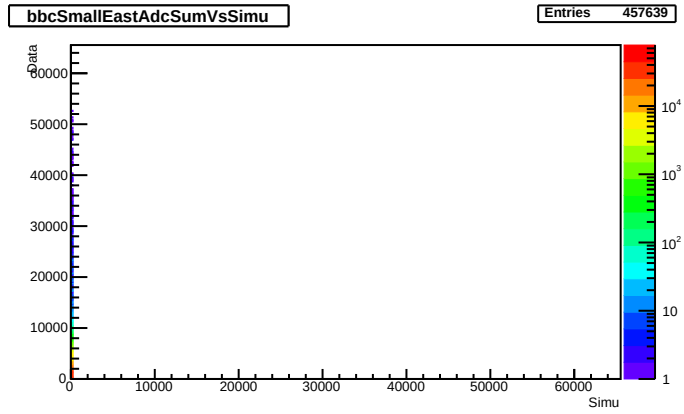

EQ3 QTB
Entries 1.473239e+08
ADC
QT Input Channel

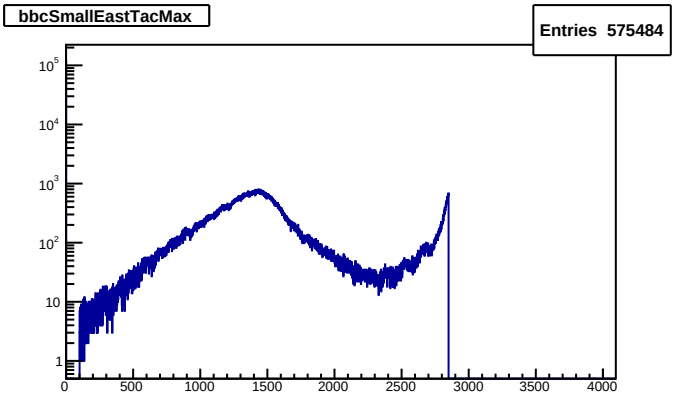

EQ3 QTB
Entries 4.564328e+07
TDC
QT Input Channel

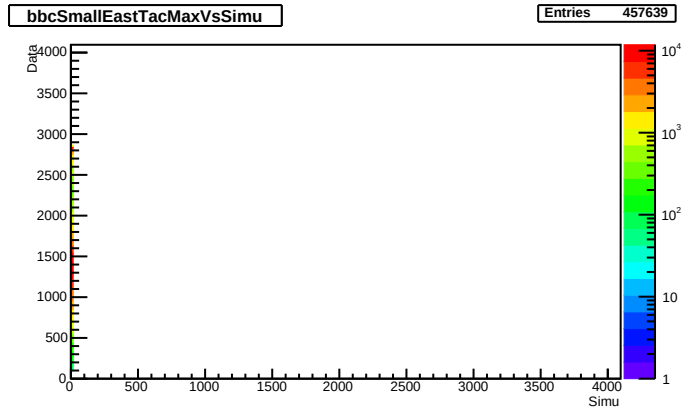

EQ3 QTC
Entries 5.524646e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.524646e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 575484


bbcSmallEastAdcSumVsSimu
Entries 457639
Data
Simu


bbcSmallEastTacMax
Entries 575484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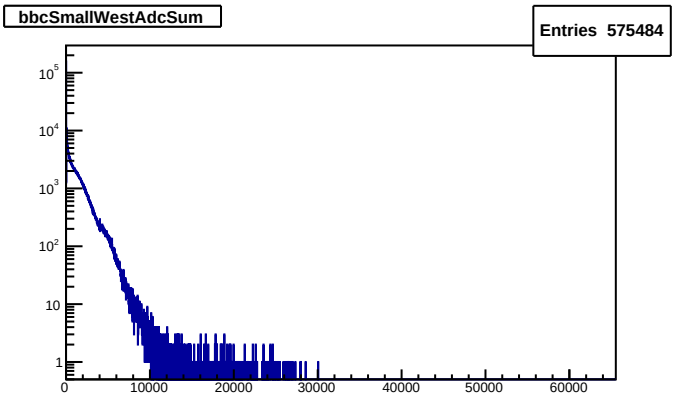
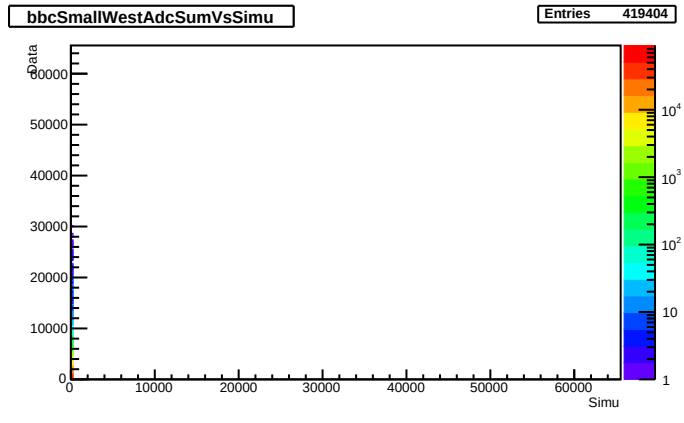
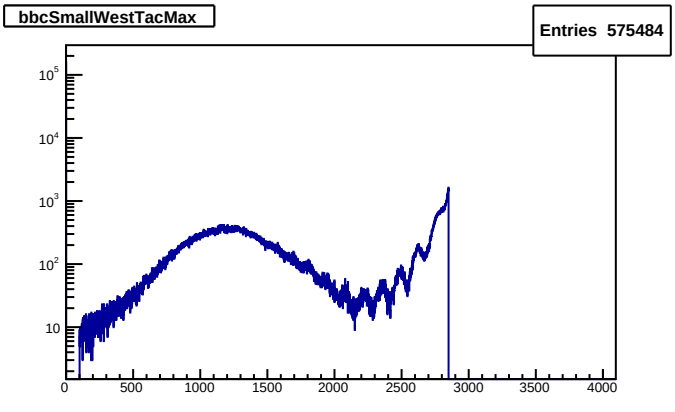
Entries 457639
Data
Simu


bbcSmallWestAdcSum
Entries 575484


bbcSmallWestAdcSumVsSimu
Entries 419404
Data
Simu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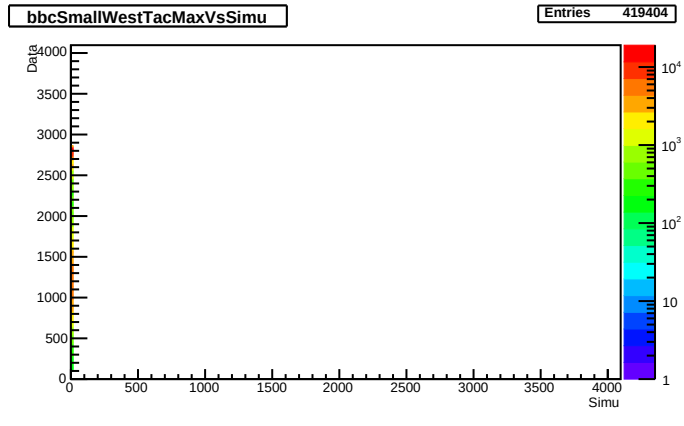
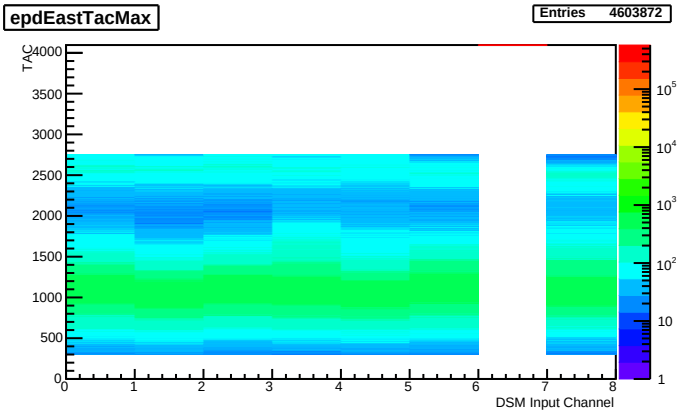
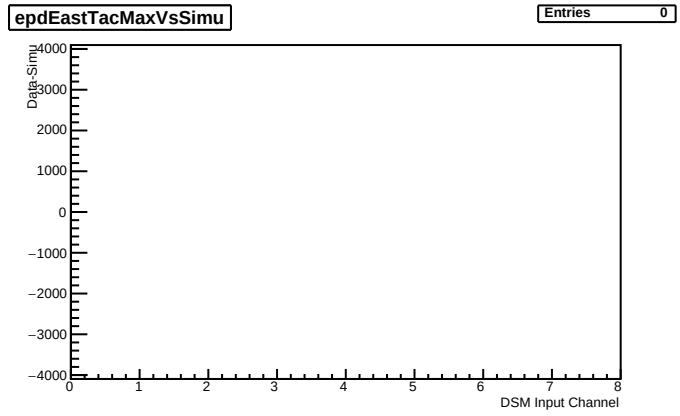
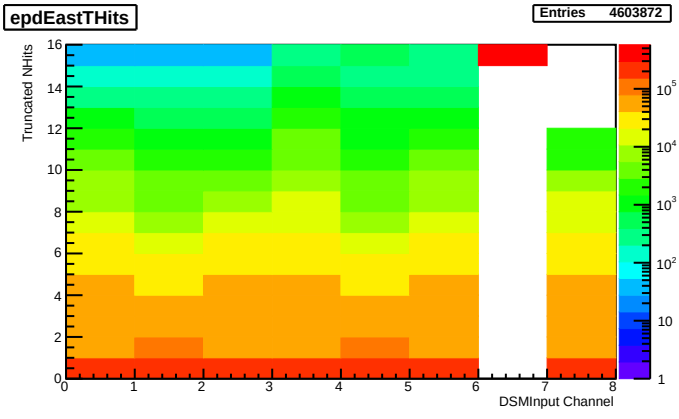
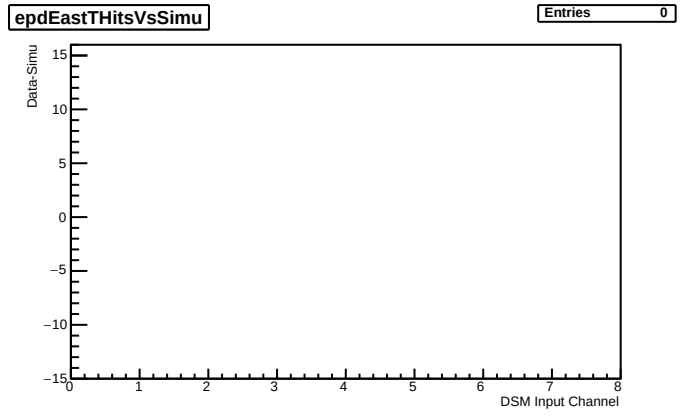
Entries 575484


bbcSmallWestTacMaxVsSimu
Entries 419404
Data
Simu


epdEastTacMax
Entries 4603872
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4603872
Truncated NHits
DSMInput Channel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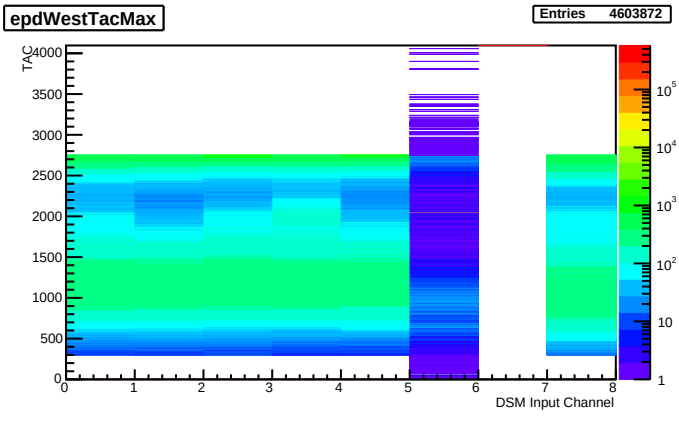
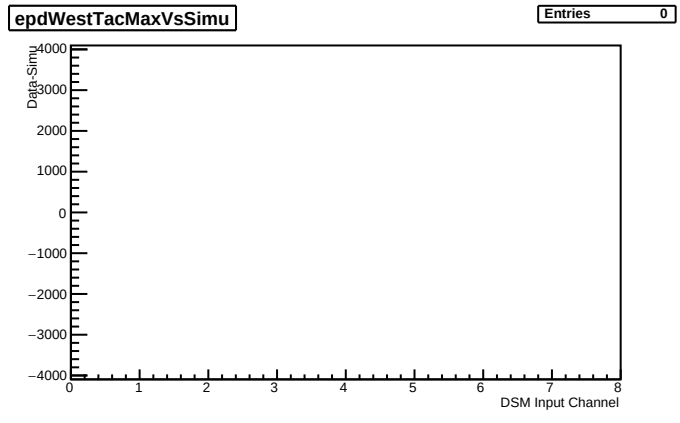
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4603872
TAC
DSM Input Channel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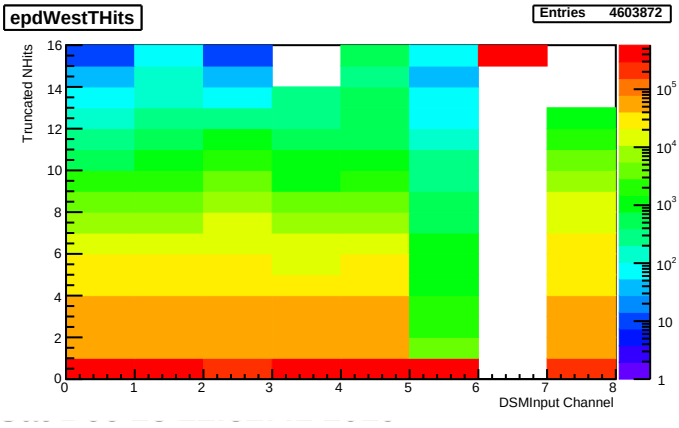
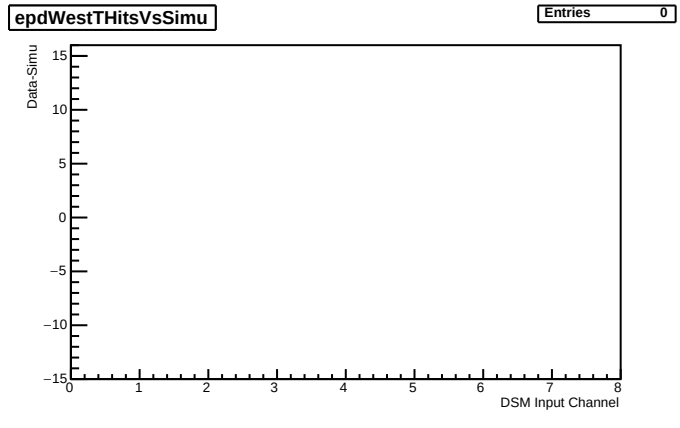
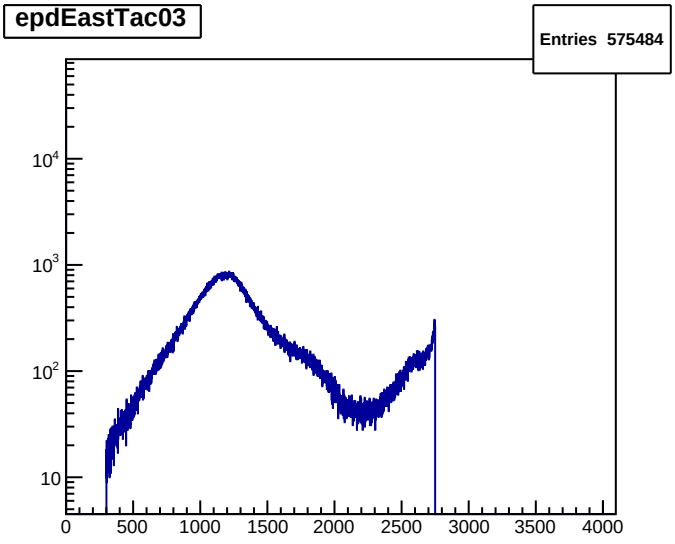
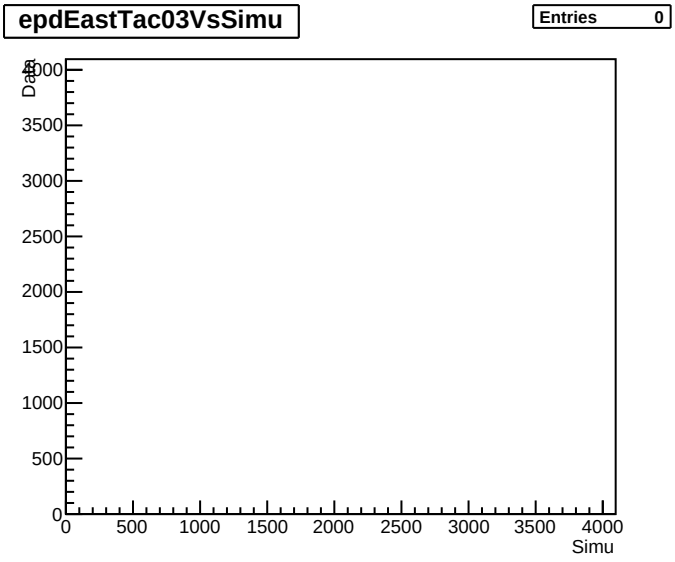
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4603872
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 575484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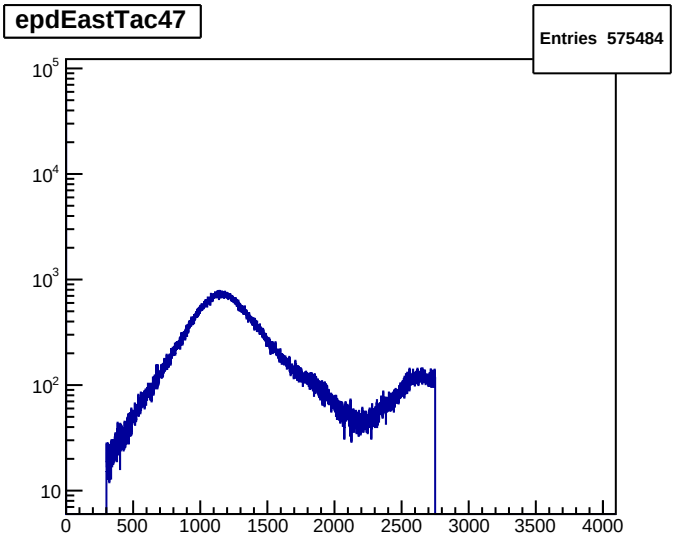
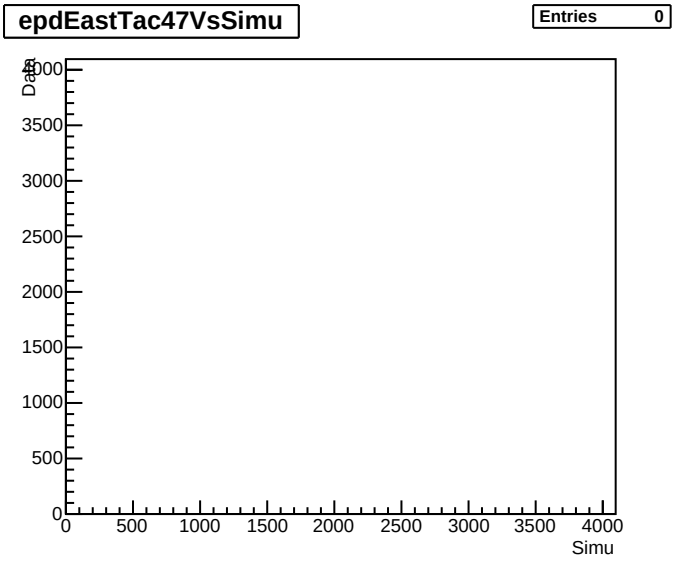
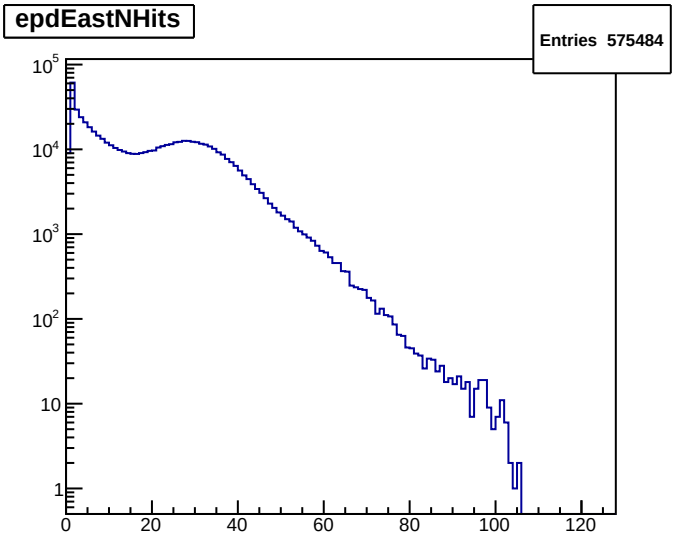
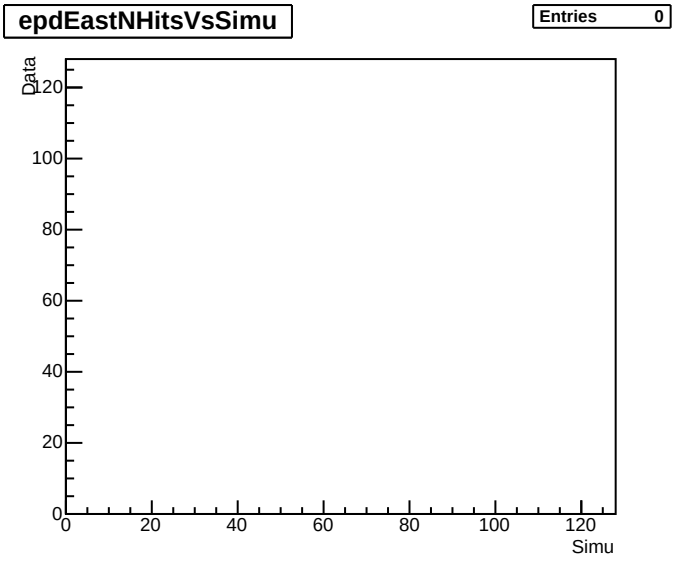
Entries 0
Data
Simu


epdEastTac47
Entries 575484


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 575484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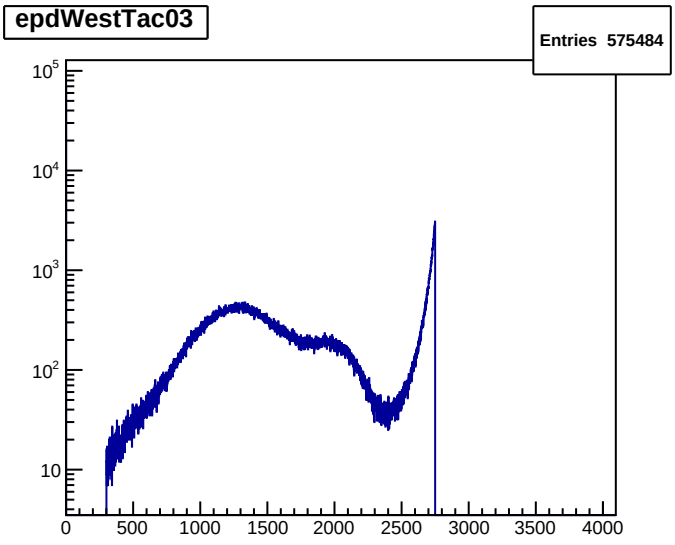
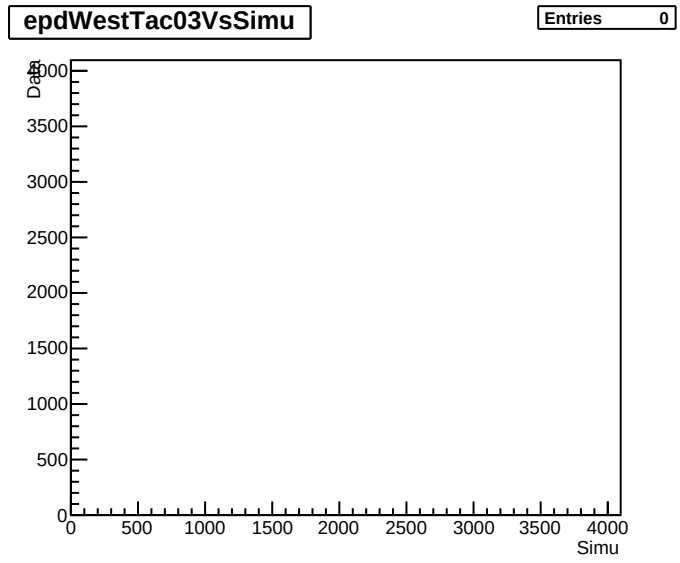
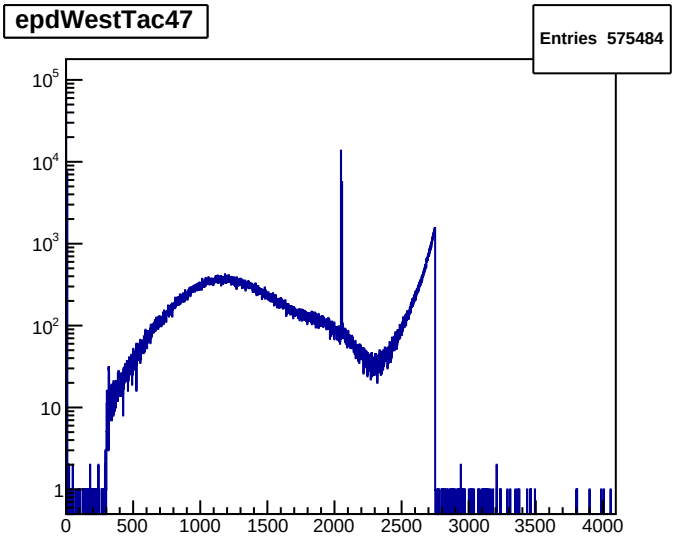
Entries 0
Data
Simu


epdWestTac03
Entries 575484


epdWestTac03VsSimu
Entries 0
Data
Simu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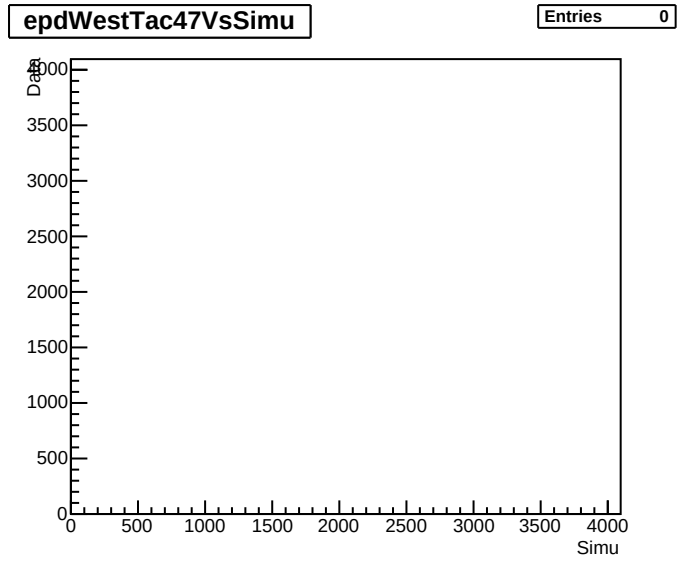
Entries 575484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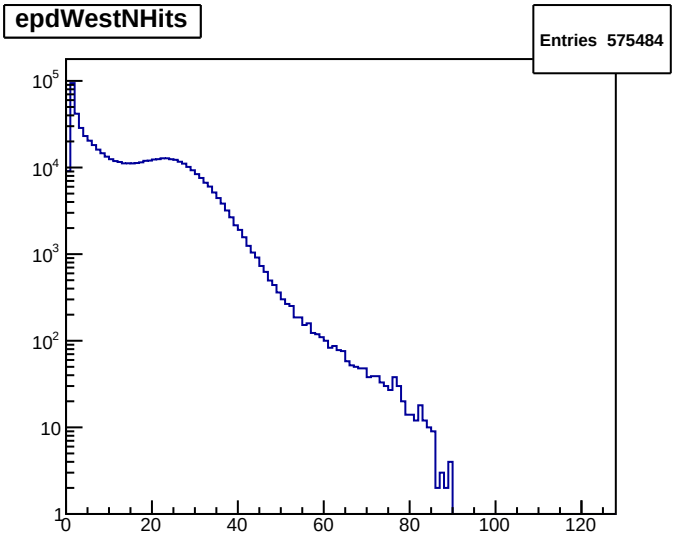
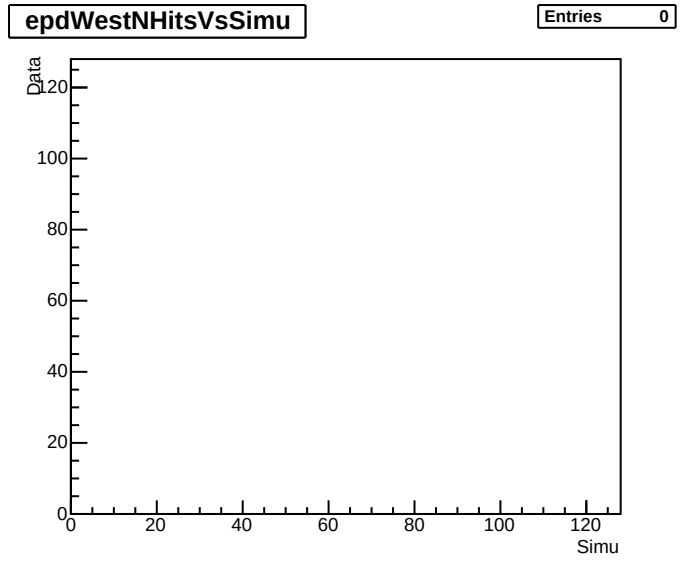
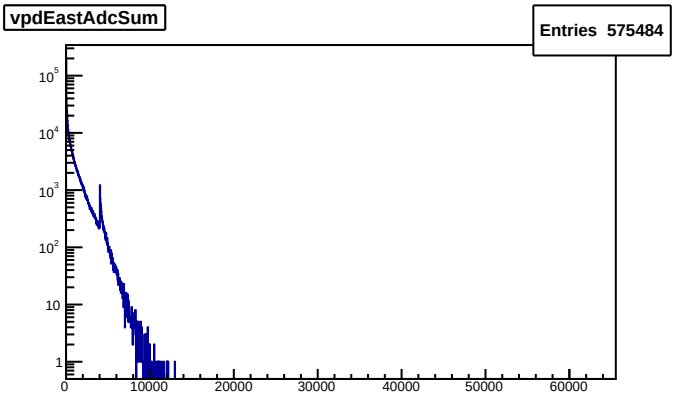
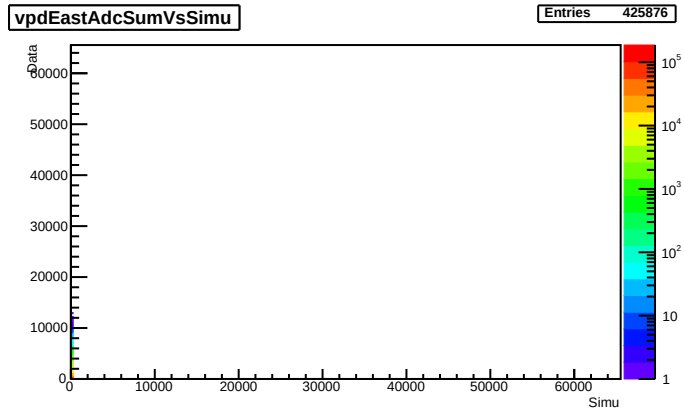
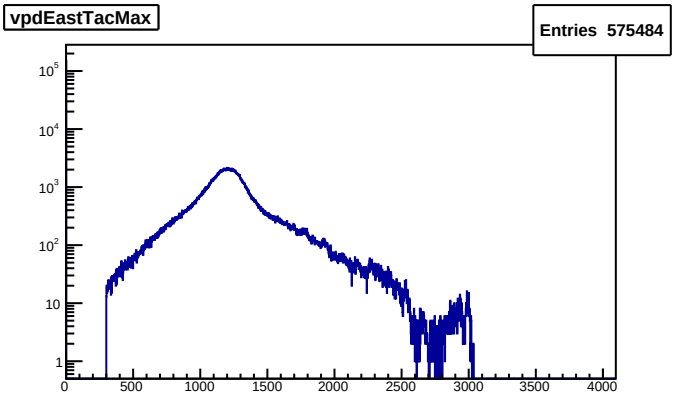
Entries 0
Data
Simu

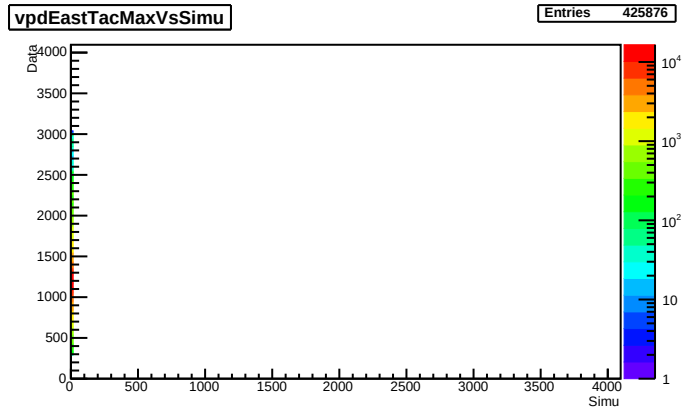

epdWestNHits
Entries 575484

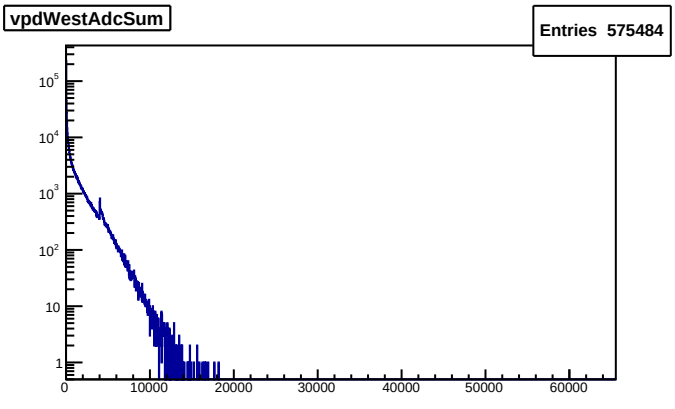

epdWestNHitsVsSimu
Entries 0
Data
Simu

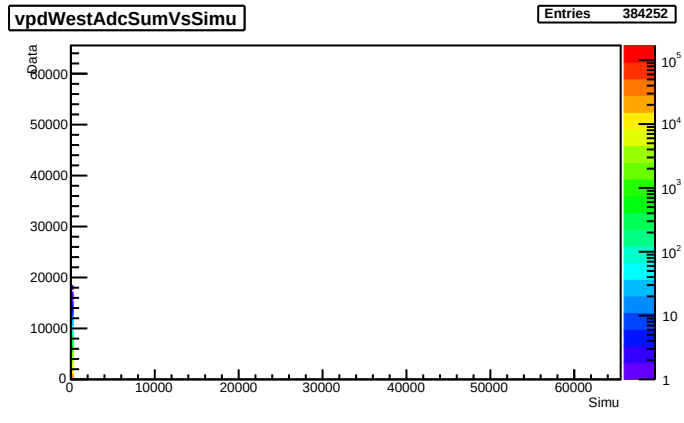

vpdEastAdcSum
Entries 575484

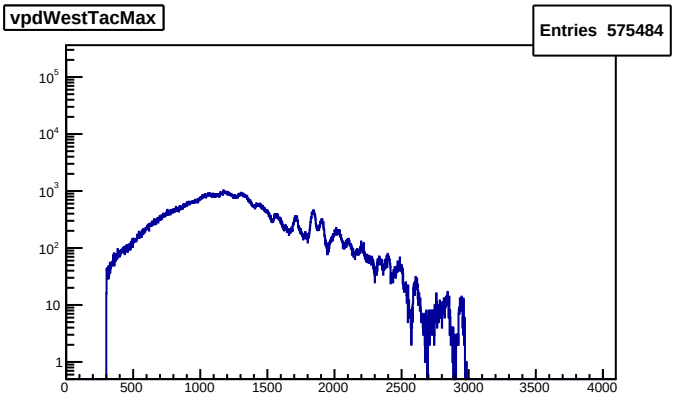

vpdEastAdcSumVsSimu
Entries 425876
Data
Simu

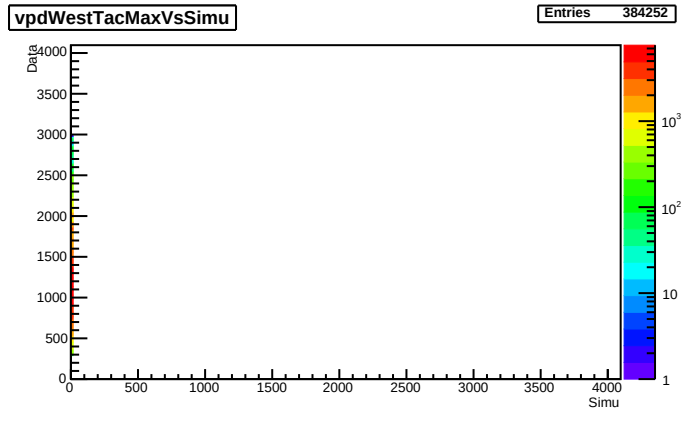

vpdEastTacMax
Entries 575484

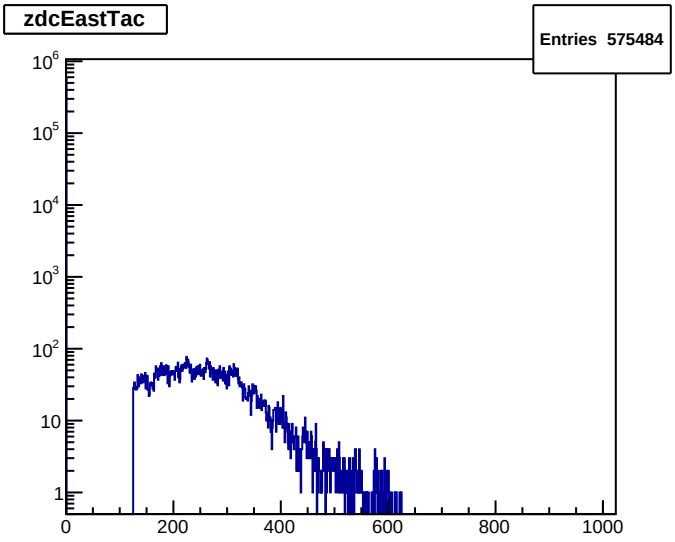

vpdEastTacMaxVsSimu
Entries 425876
Data
Simu

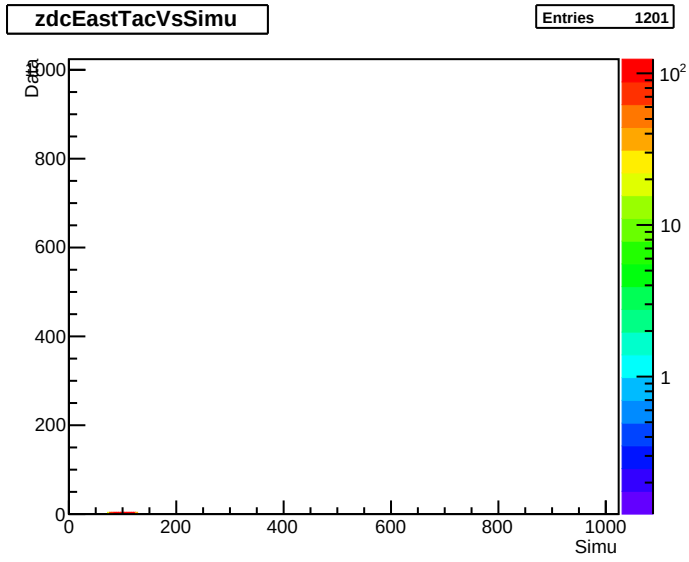

vpdWestAdcSum
Entries 575484

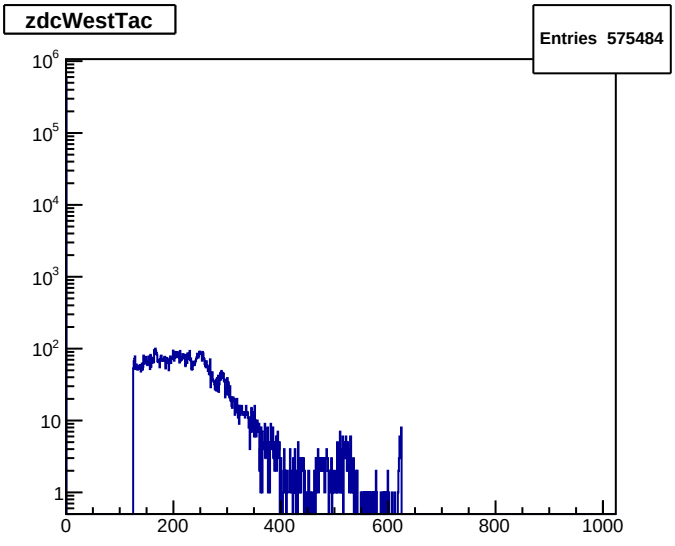

vpdWestAdcSumVsSimu
Entries 384252
Data
Simu

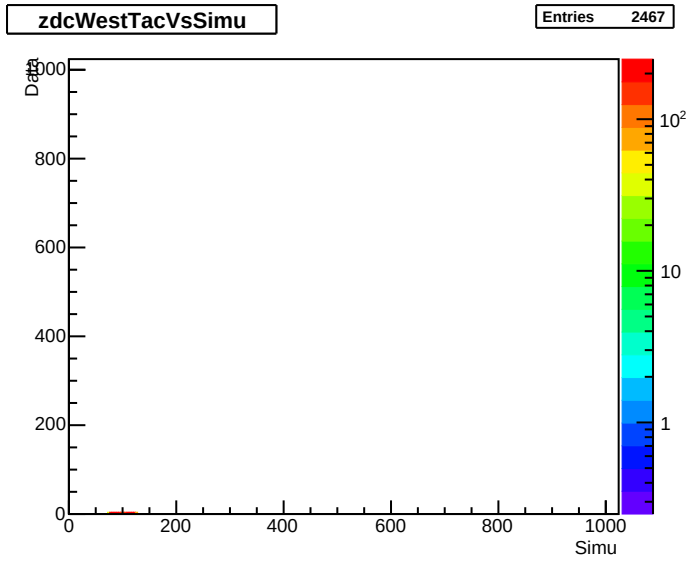

vpdWestTacMax
Entries 575484

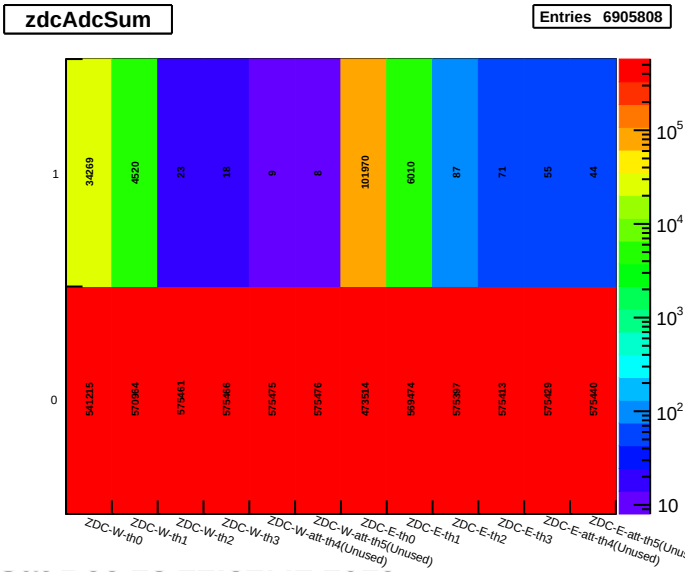

vpdWestTacMaxVsSimu
Entries 384252
Data
Simu

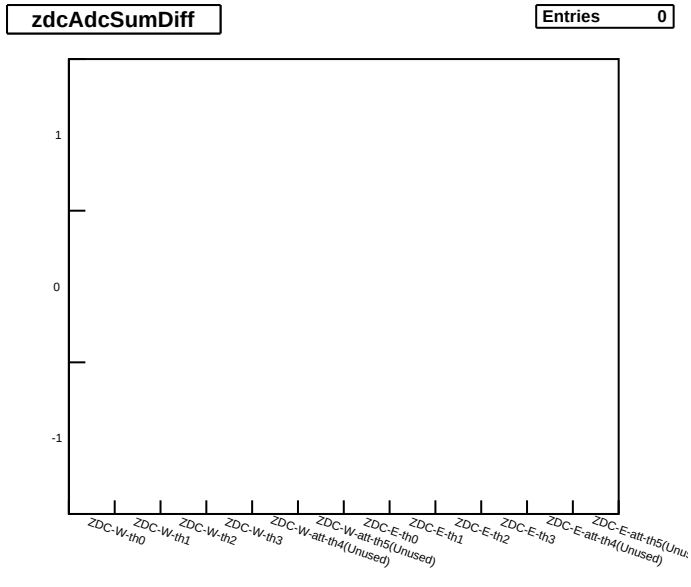

zdcEastTac
Entries 575484

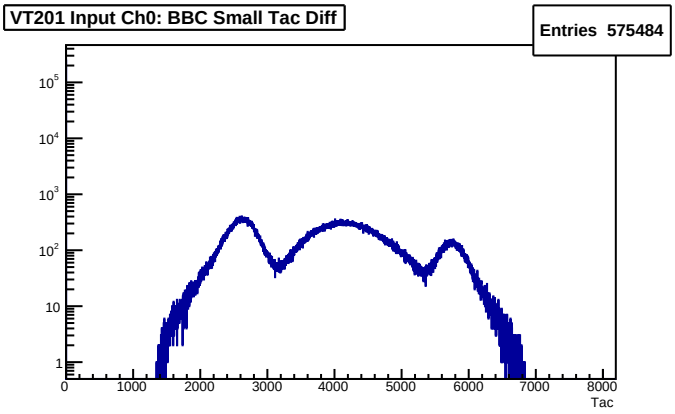

zdcEastTacVsSimu
Entries 1201
Data
Simu

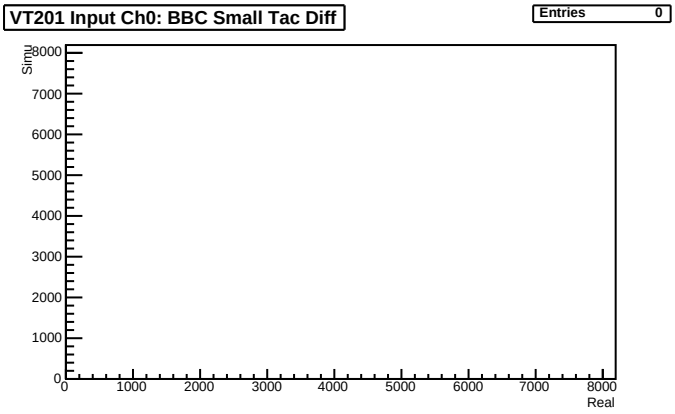

zdcWestTac
Entries 575484

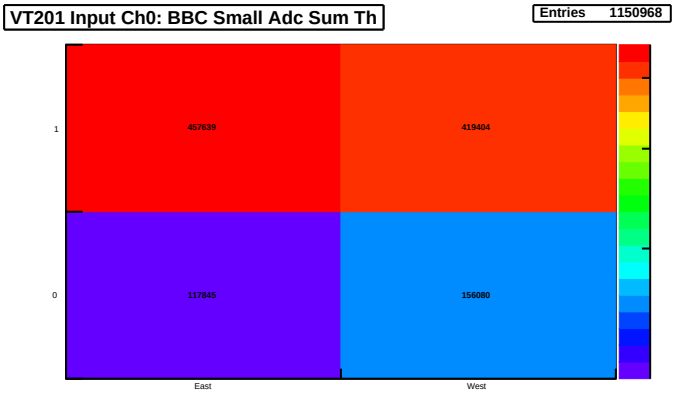

zdcWestTacVsSimu
Entries 2467
Data
Simu

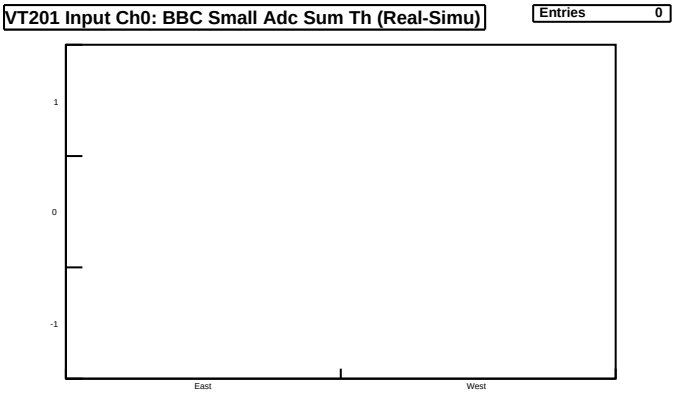

zdcAdcSum
Entries 6905808
34269
4520
23
18
9
8
101970
6010
87
71
55
44
541215
570964
575461
575466
575475
575476
473514
569474
575397
575413
575429
575440
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

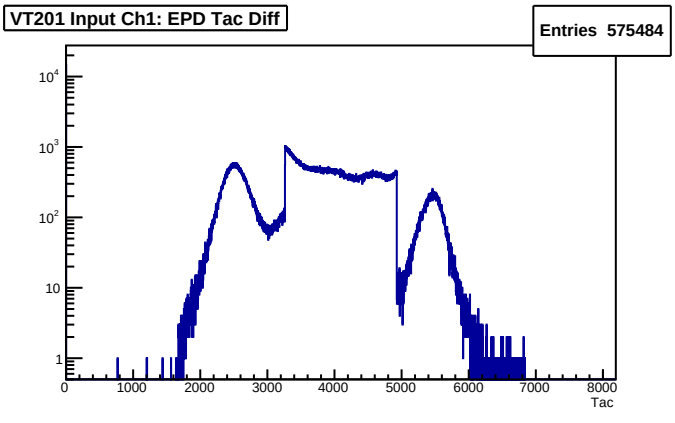

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

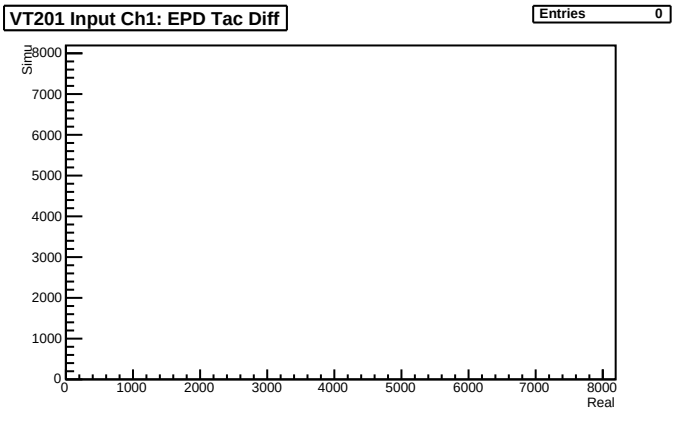

VT201 Input Ch0: BBC Small Tac Diff
Entries 575484
Tac

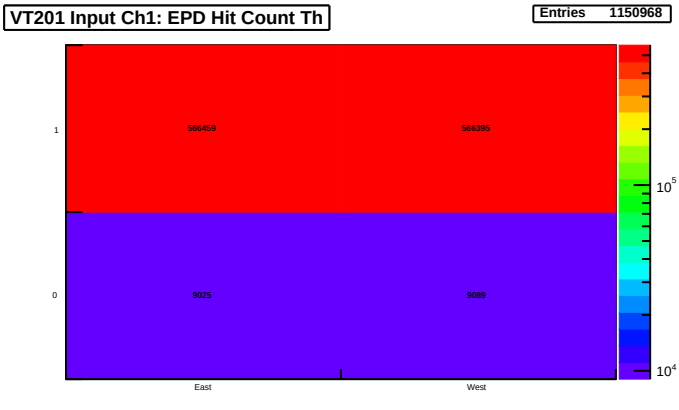

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

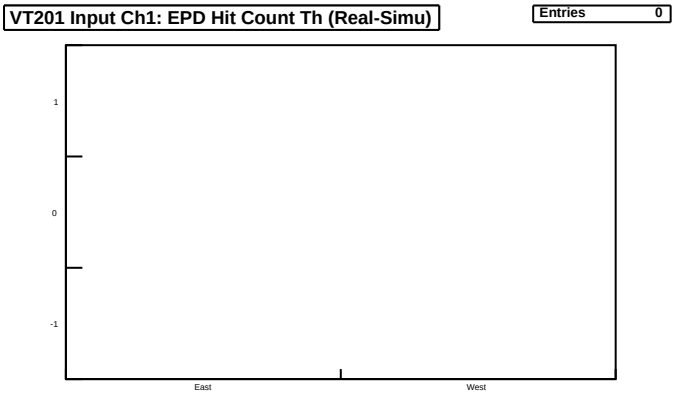

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1150968
457639
419404
117845
156080
East
West

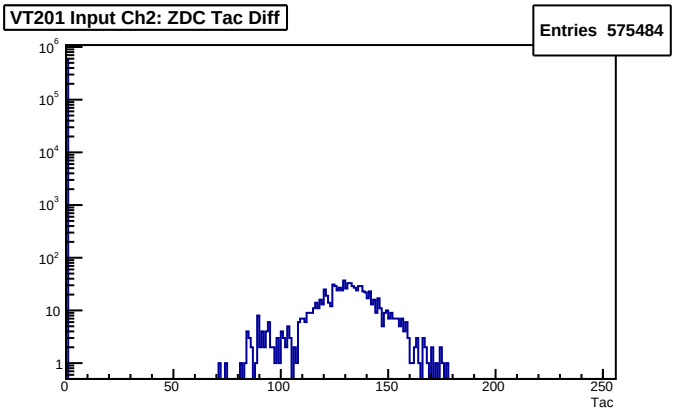

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

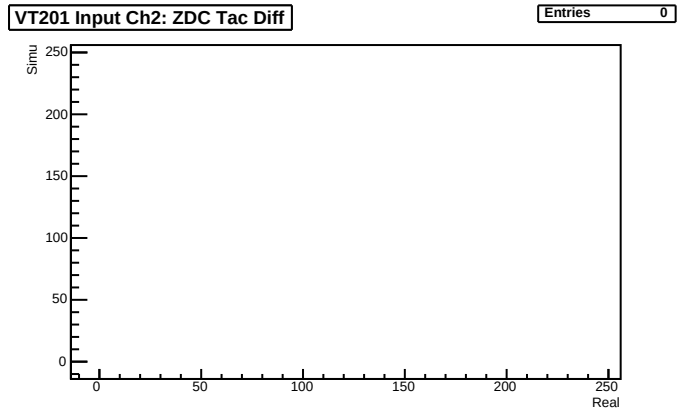

VT201 Input Ch1: EPD Tac Diff
Entries 575484
Tac

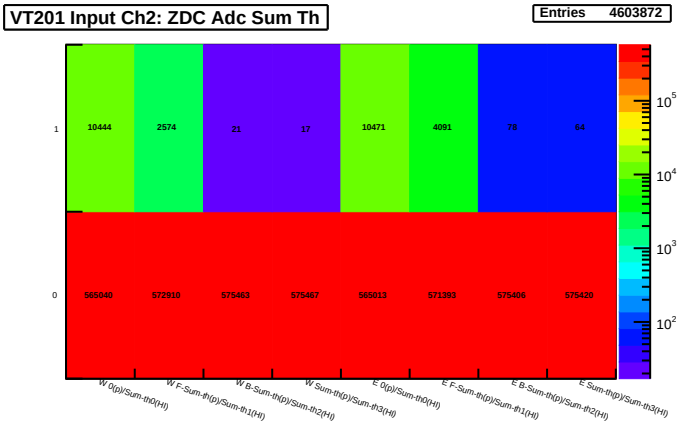

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

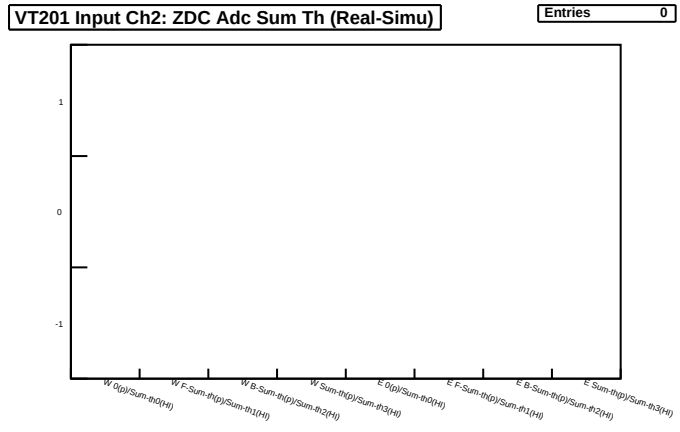

VT201 Input Ch1: EPD Hit Count Th
Entries 1150968
566459
566395
9025
9089
East
West

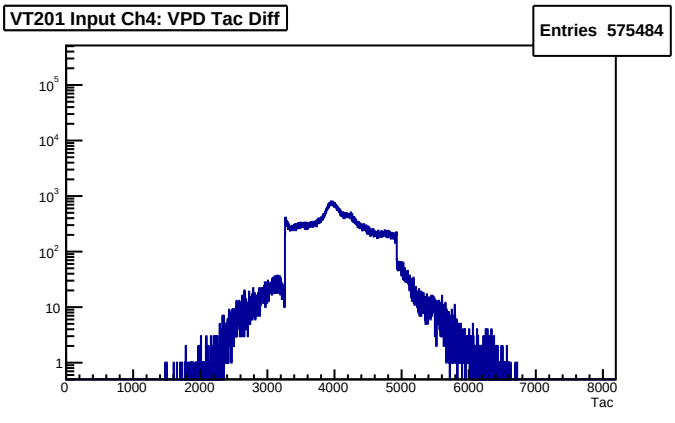

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

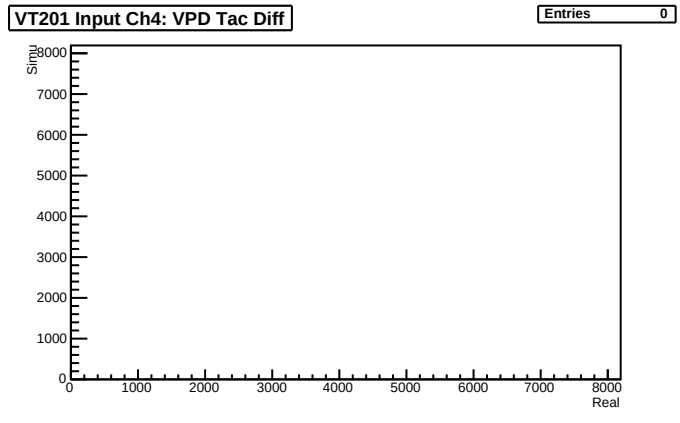

VT201 Input Ch2: ZDC Tac Diff
Entries 575484
Tac

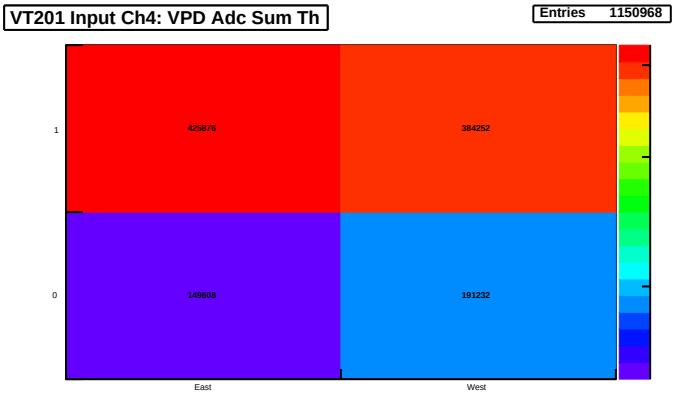

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

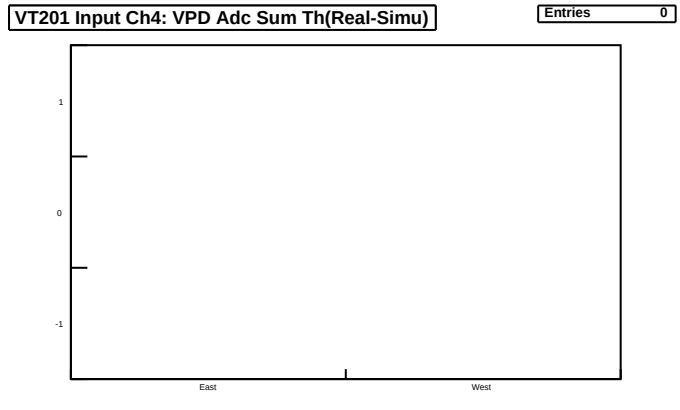

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4603872
10444
2574
21
17
10471
4091
78
64
565040
572910
575463
575467
565013
571393
575406
575420
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

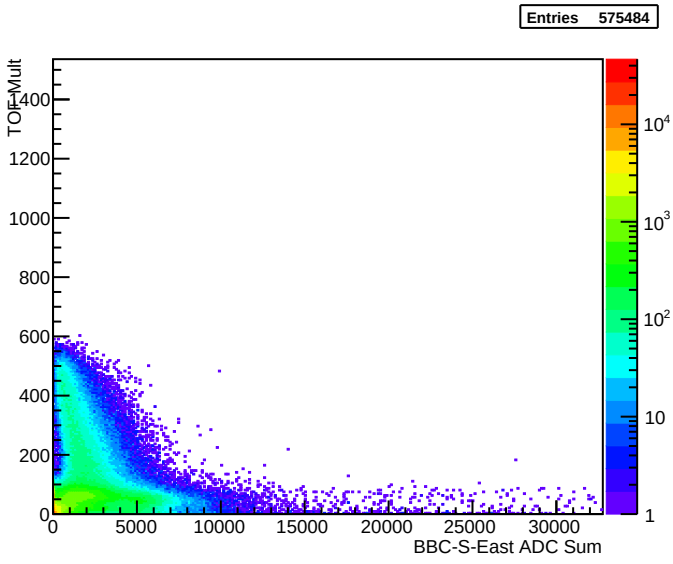

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

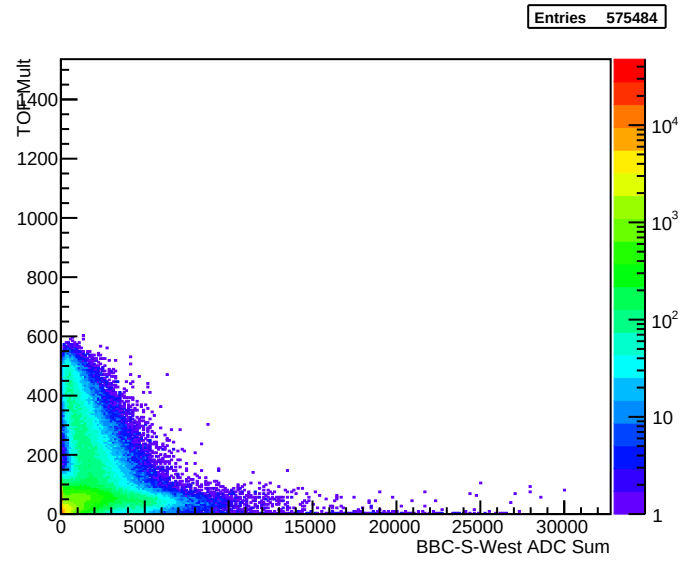

VT201 Input Ch4: VPD Tac Diff
Entries 575484
Tac

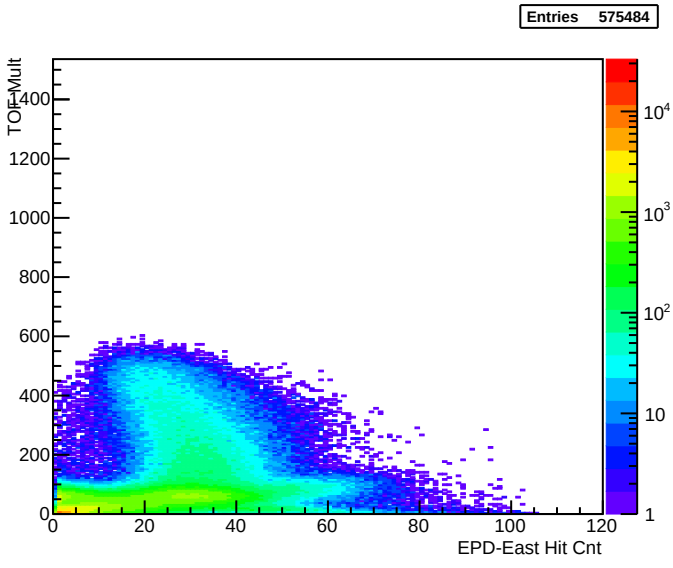

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

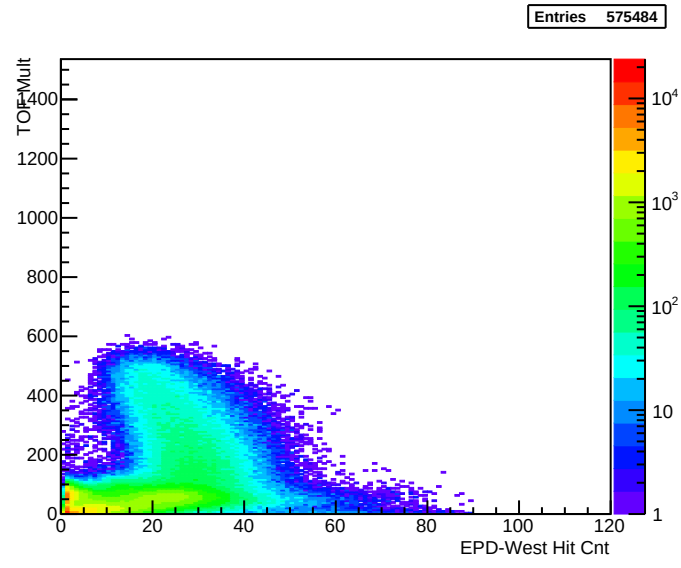

VT201 Input Ch4: VPD Adc Sum Th
Entries 1150968
425876
384252
149608
191232
East
West

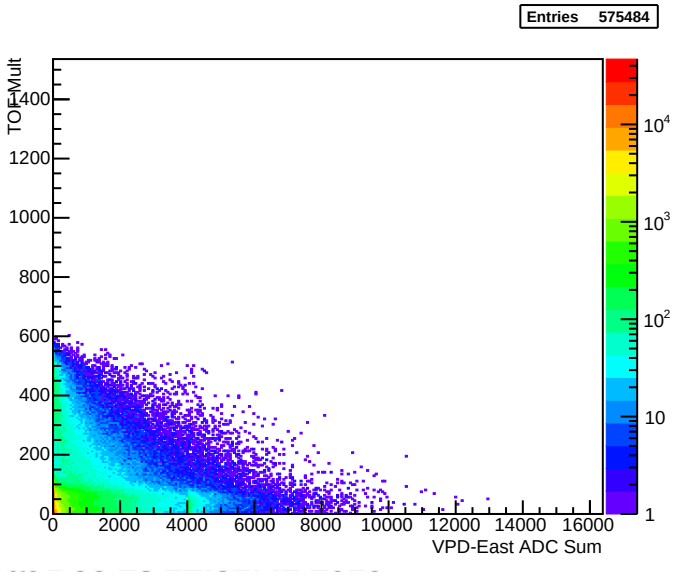

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

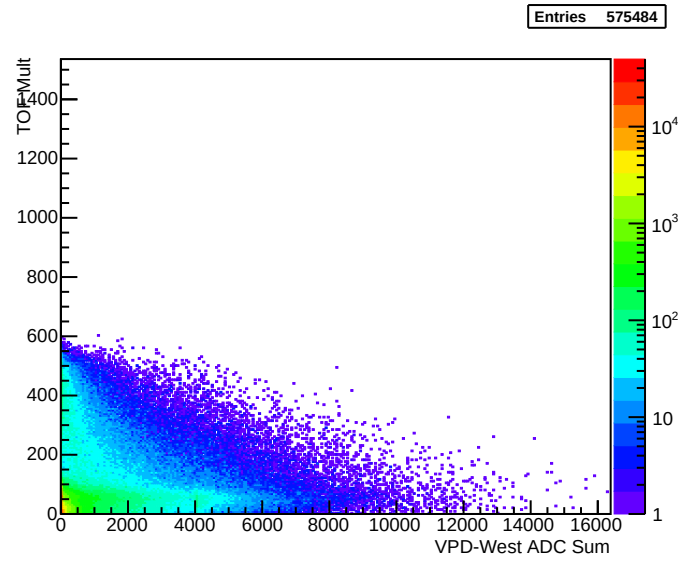

Entries 575484
TOF-Mult
BBC-S-East ADC Sum

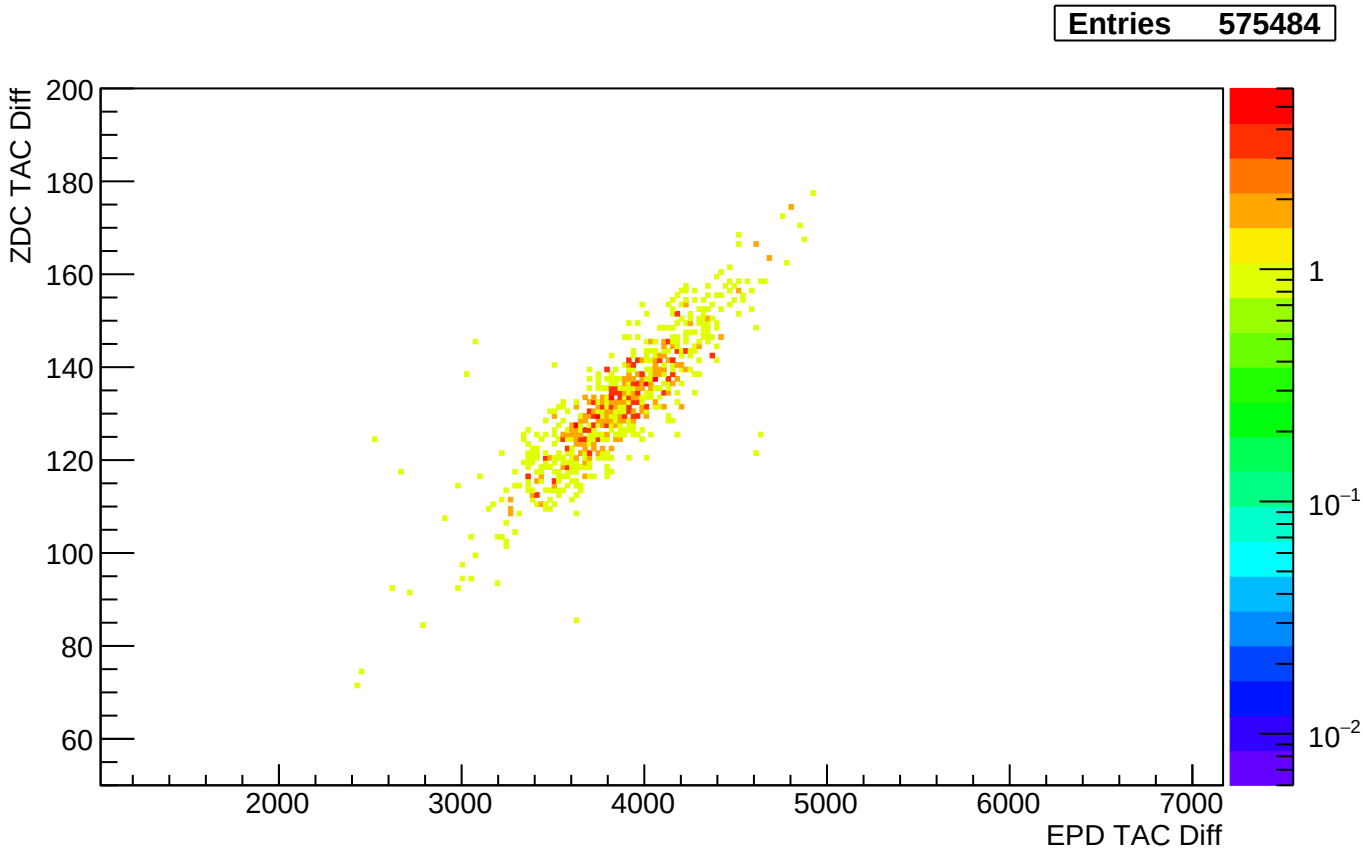

Entries 575484
TOF-Mult
BBC-S-West ADC Sum

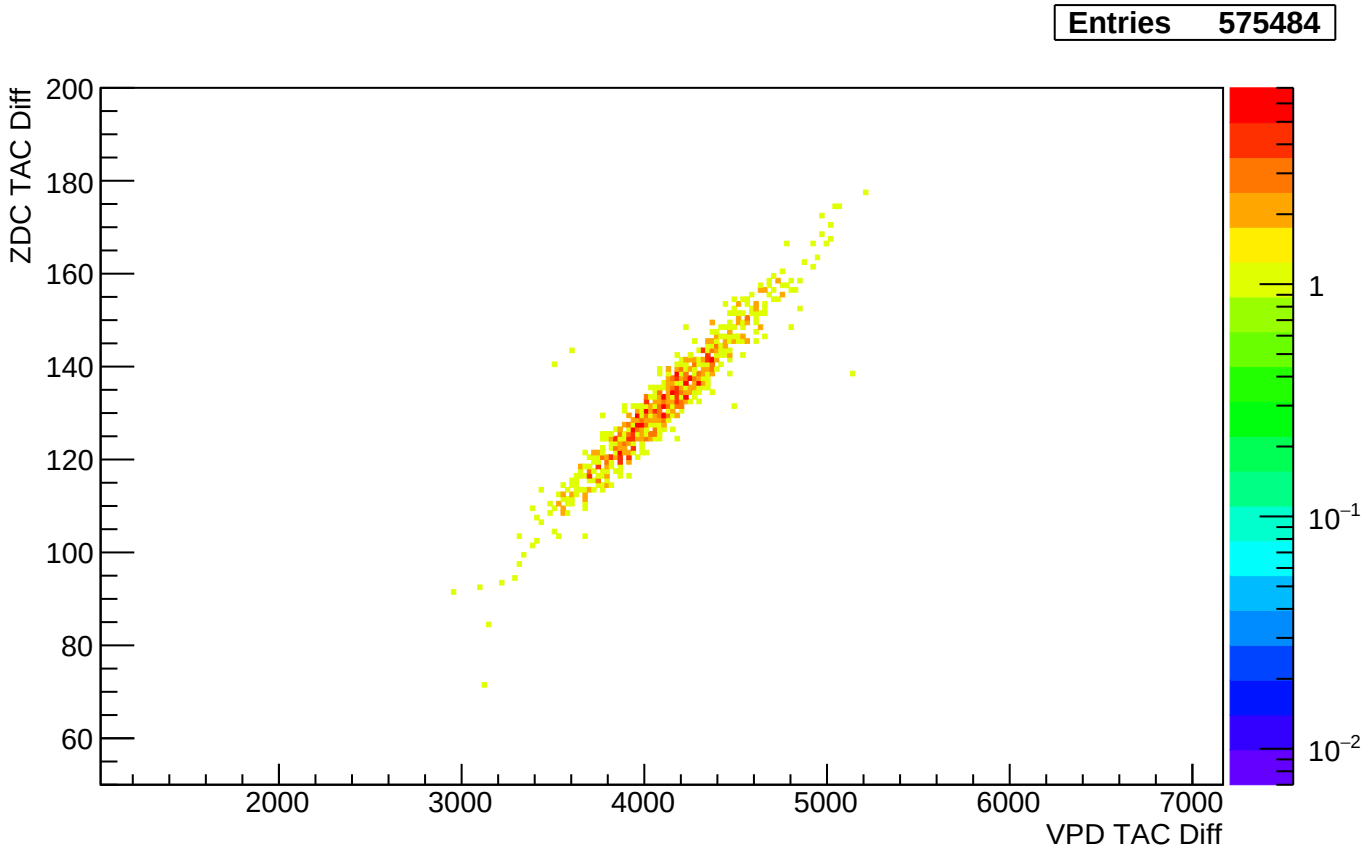

Entries 575484
TOF-Mult
EPD-East Hit Cnt

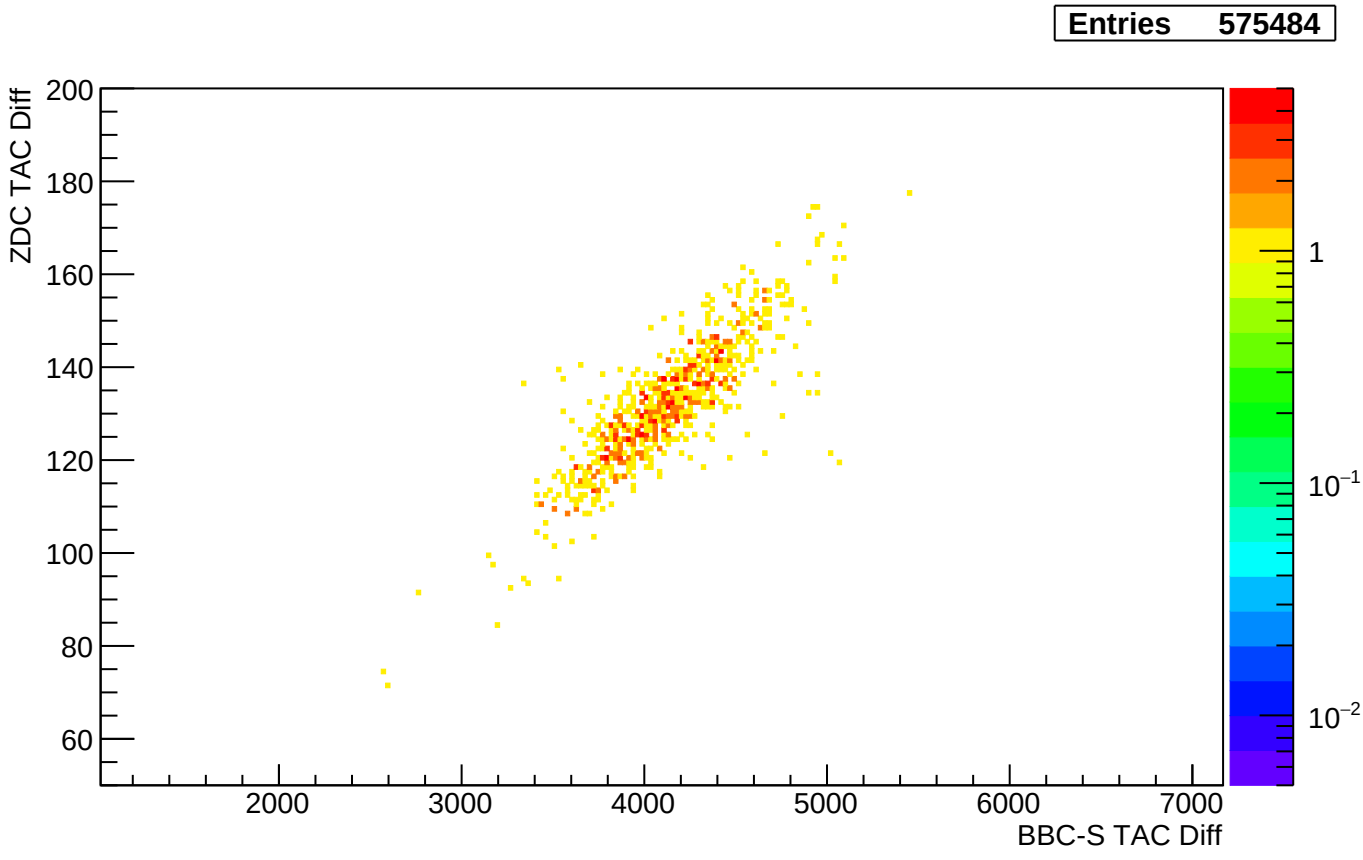

Entries 575484
TOF-Mult
EPD-West Hit Cnt

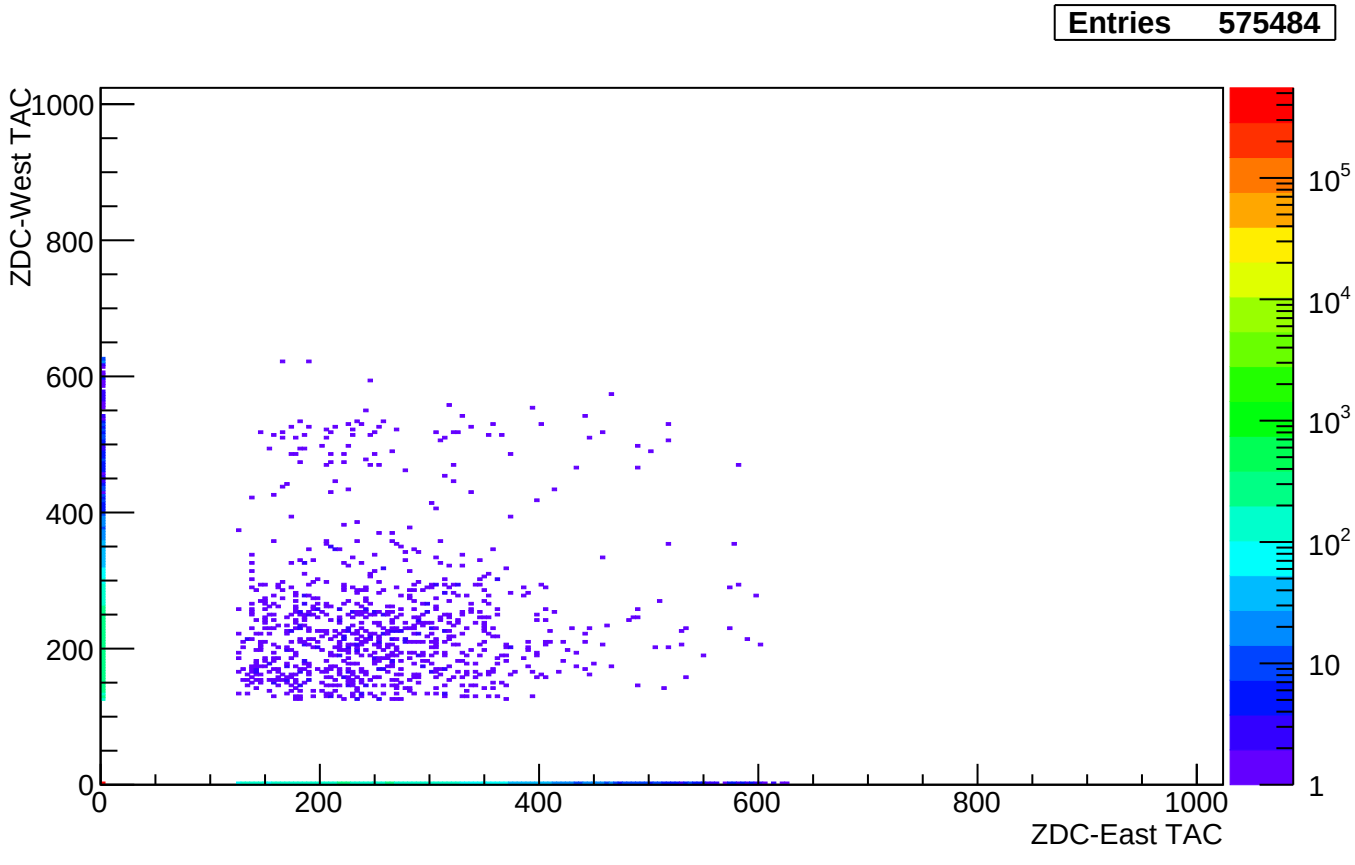

Entries 575484
TOF-Mult
VPD-East ADC Sum

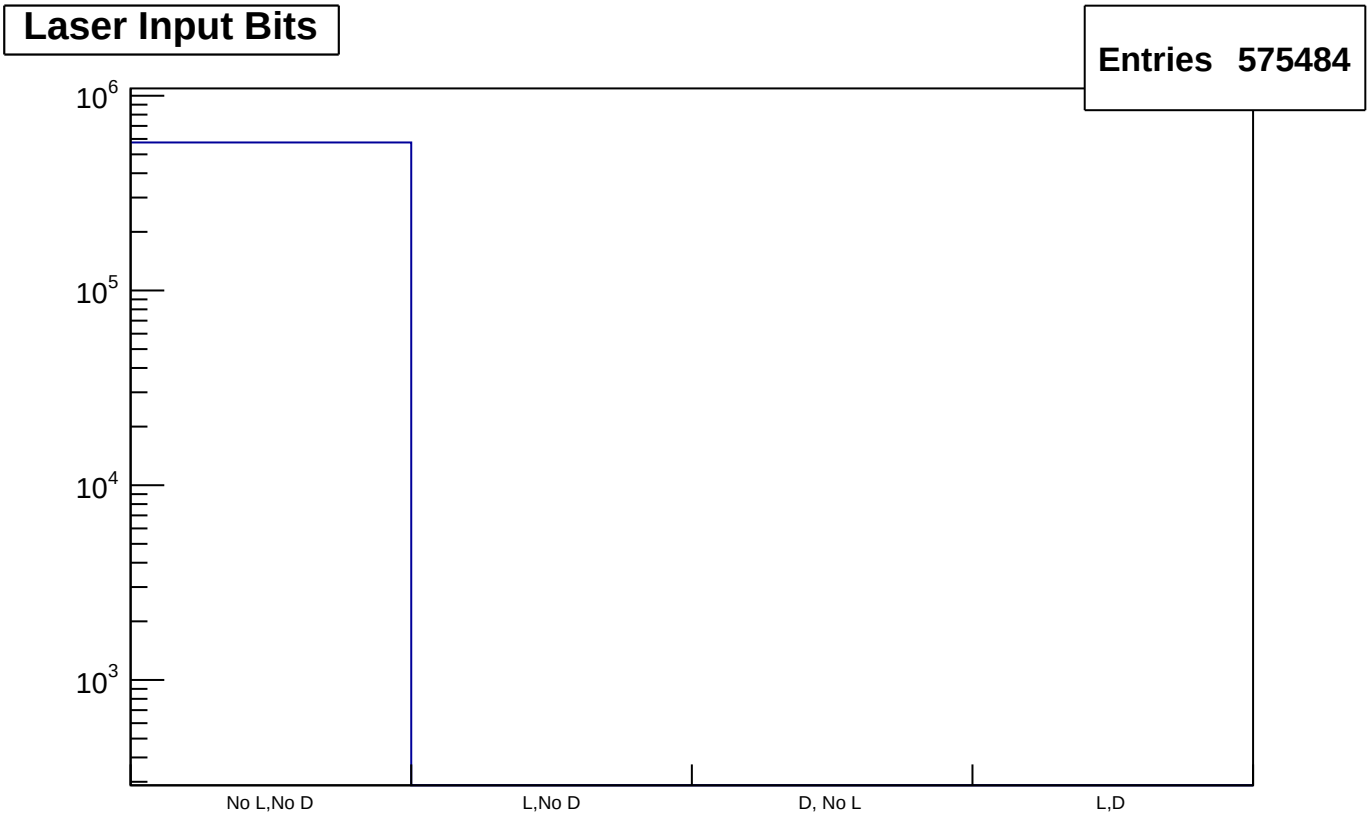

Entries 575484
TOF-Mult
VPD-West ADC Sum

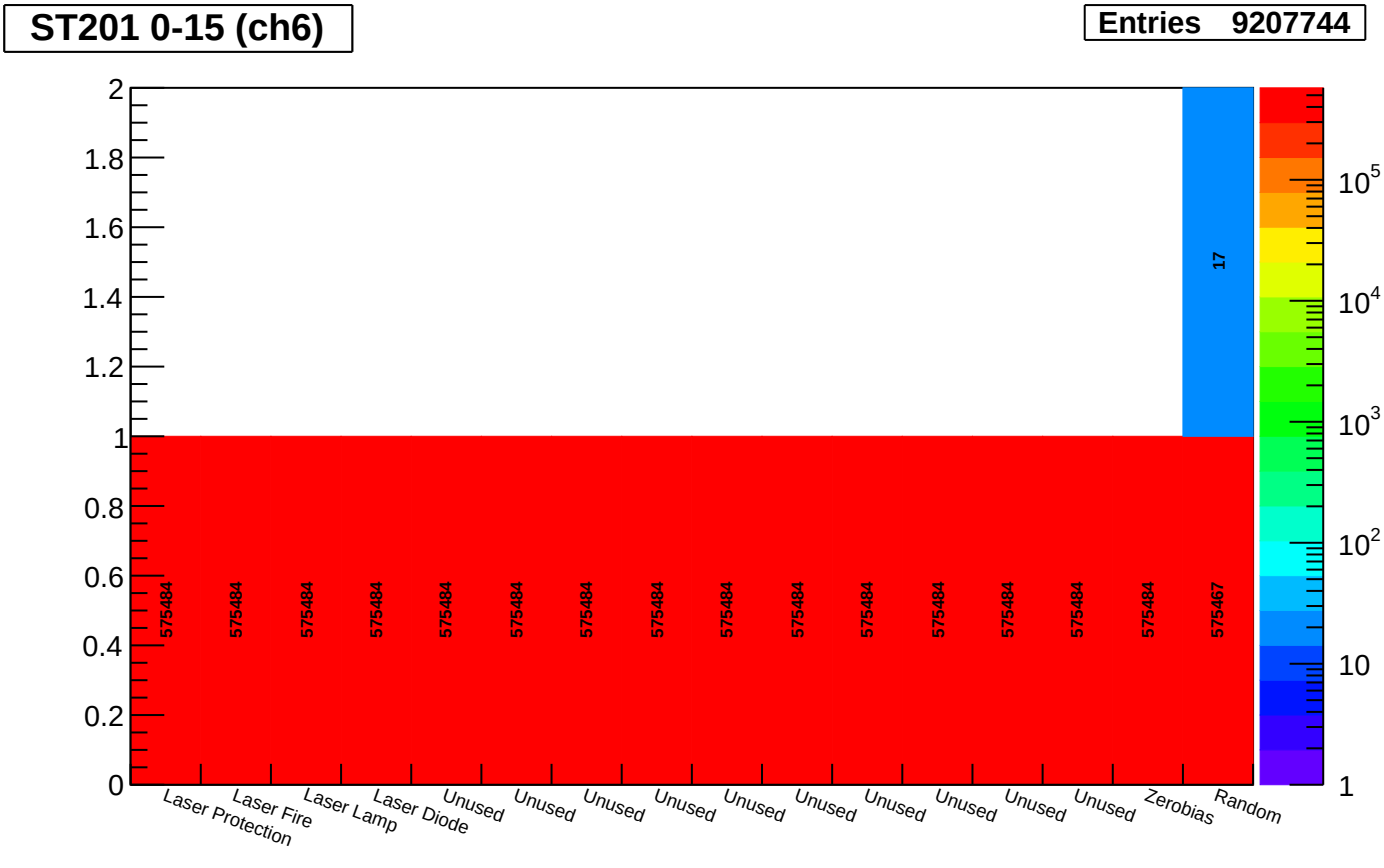

Entries 575484
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

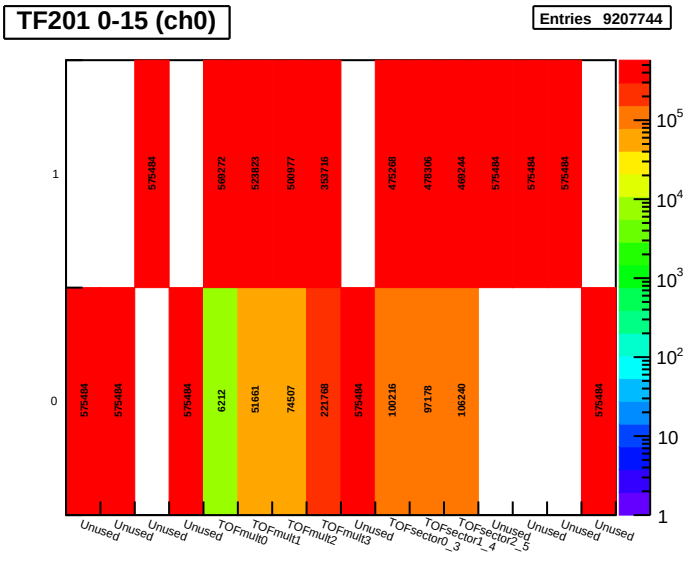

Entries 575484
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

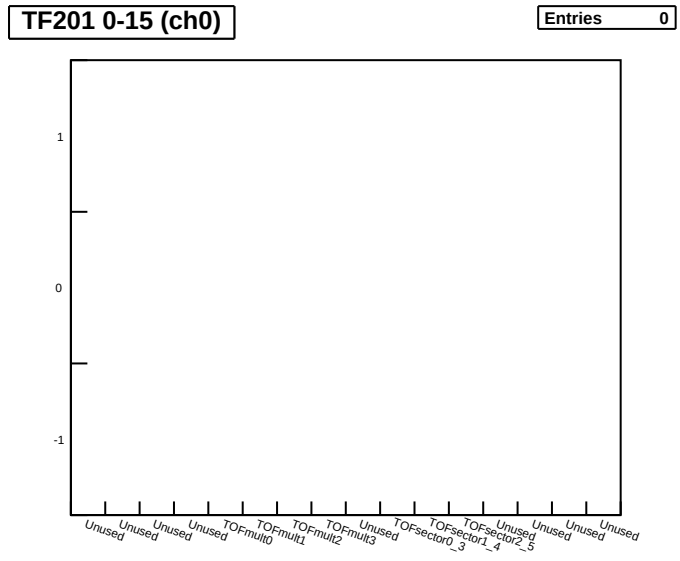

Entries 575484
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

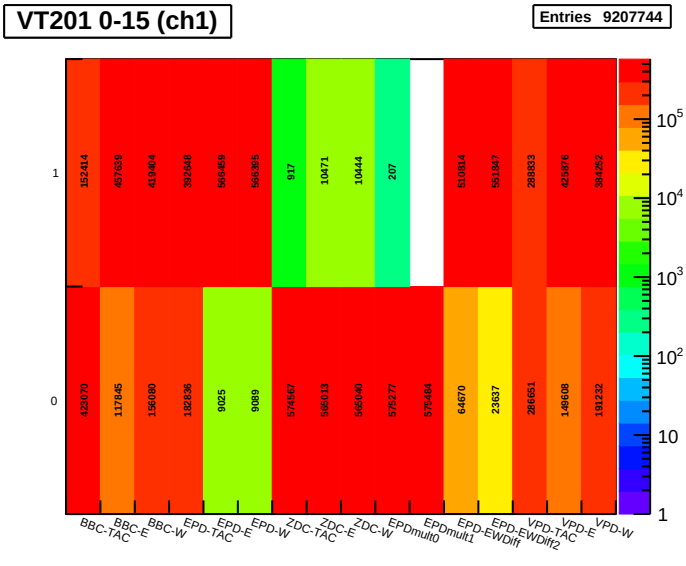

Entries 575484
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

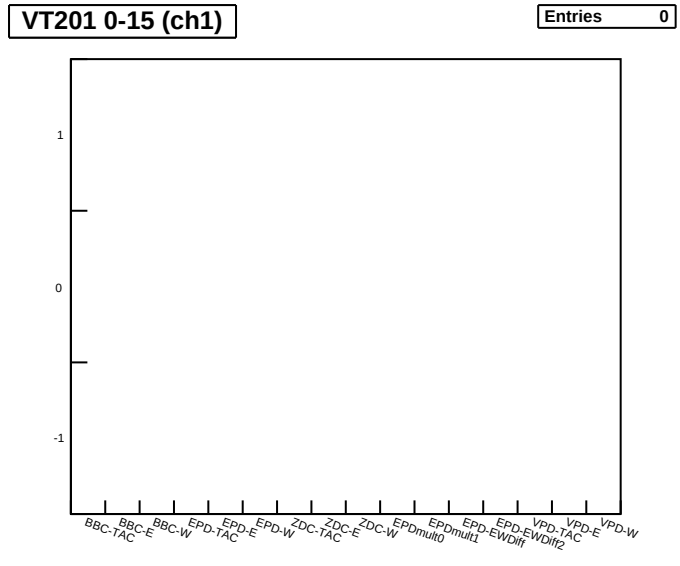

Laser Input Bits
Entries 575484
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

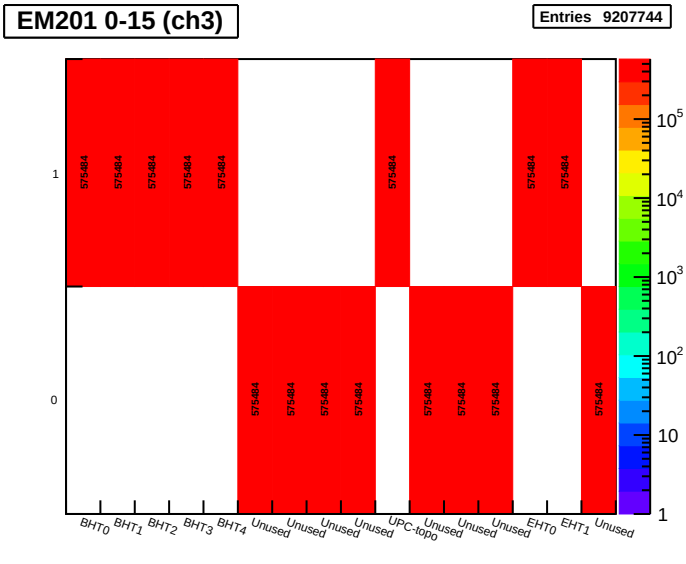

ST201 0-15 (ch6)
Entries 9207744
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
575484
575467
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

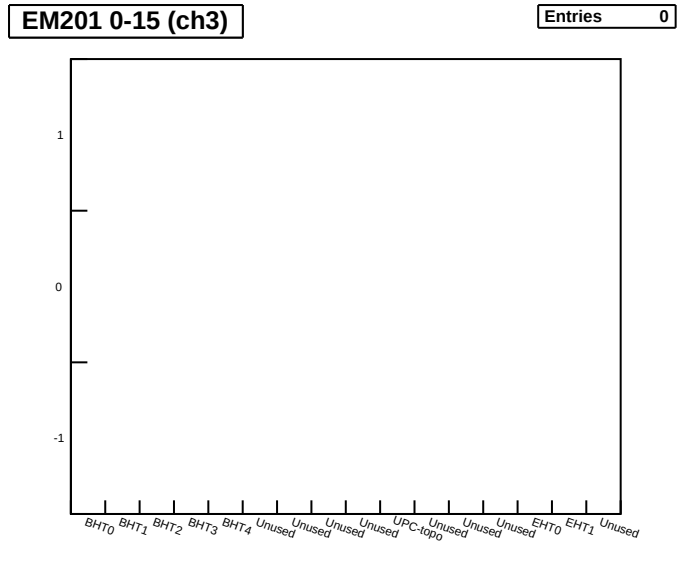

TF201 0-15 (ch0)
Entries 9207744
1
0
575484
569272
523823
500977
353716
475268
478306
469244
575484
575484
575484
575484
575484
575484
575484
6212
51661
74507
221768
575484
100216
97178
106240
575484
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
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 9207744
1
0
152414
457639
419404
392648
566459
566395
917
10471
10444
207
510814
551847
288833
425876
384252
423070
117845
156080
182836
9025
9089
574567
565013
565040
575277
575484
64670
23637
286651
149608
191232
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 9207744
1
0
575484
575484
575484
575484
575484
575484
575484
575484
575484
575484
575484
575484
575484
575484
575484
575484
575484
575484
575484
575484
575484
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