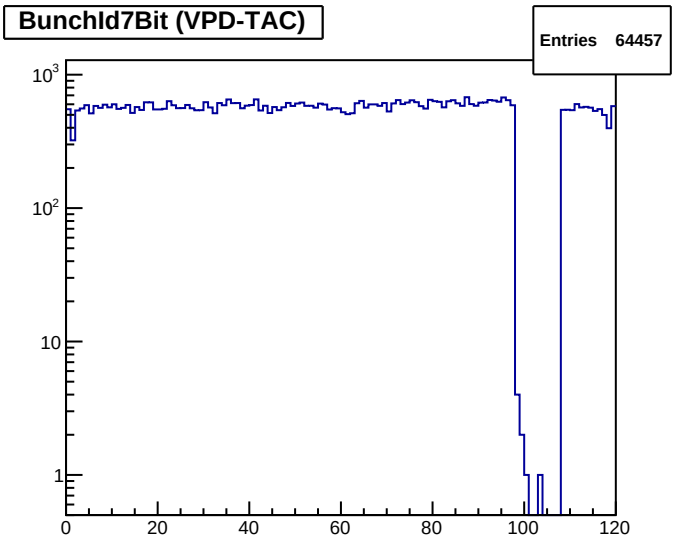
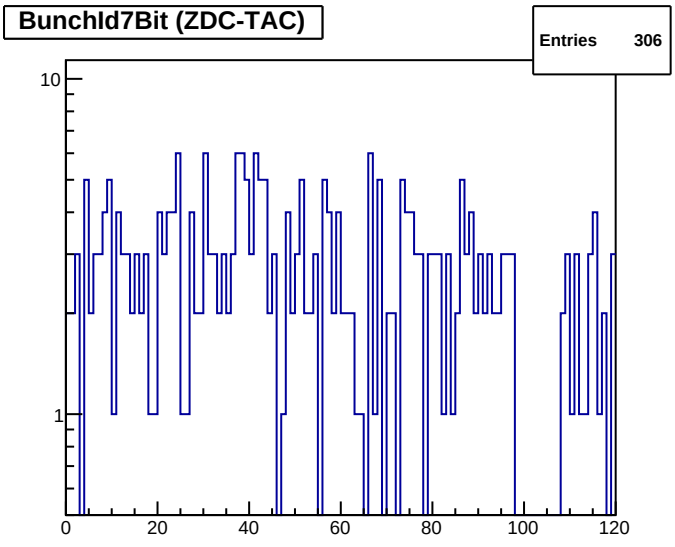
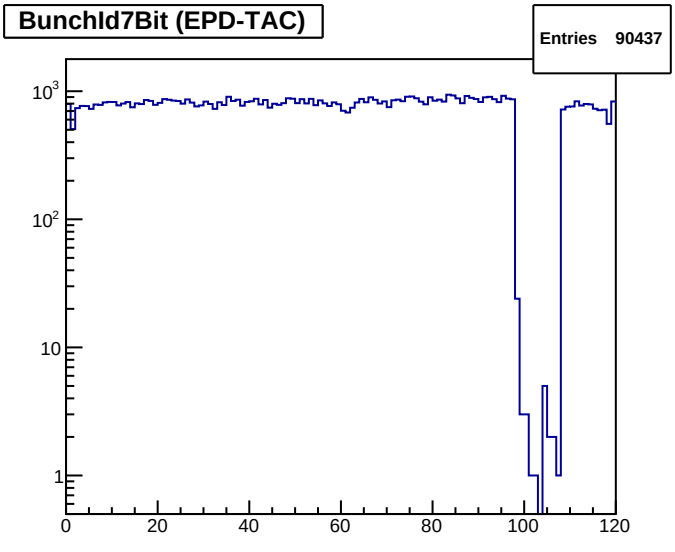
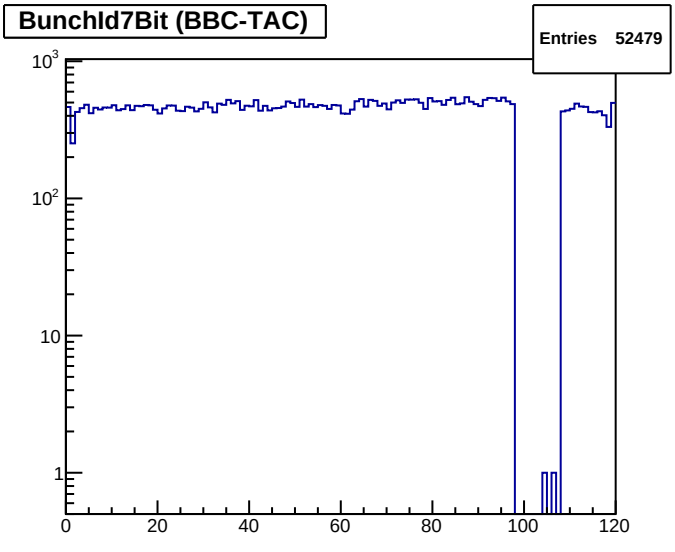
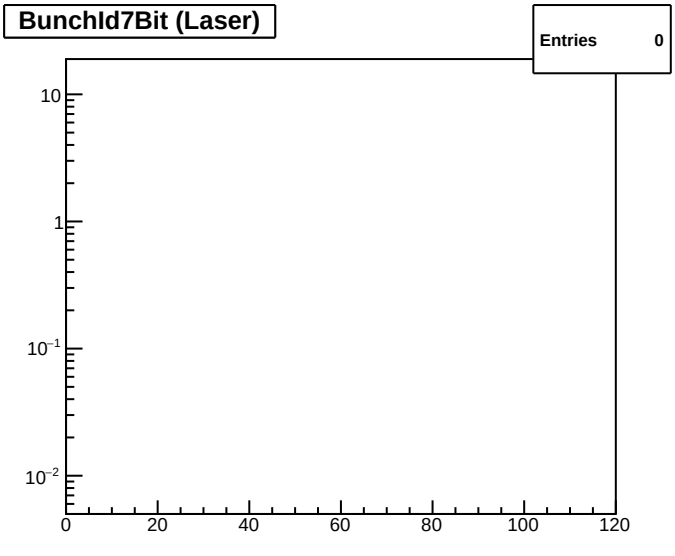
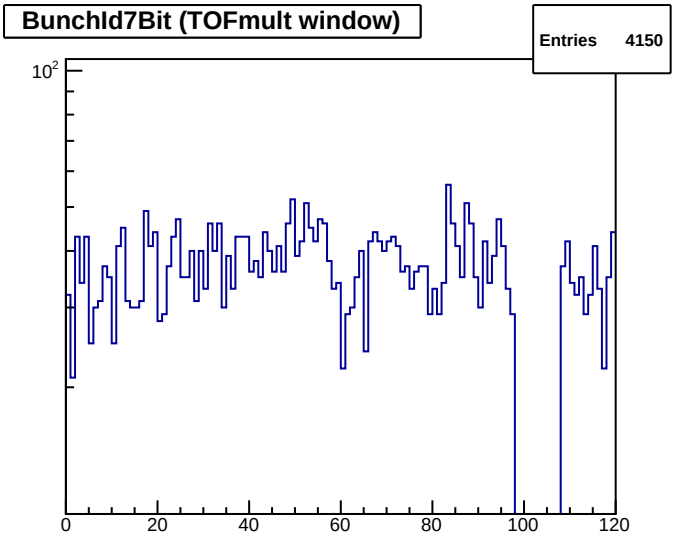

BunchId7Bit (VPD-TAC)
Entries 64457

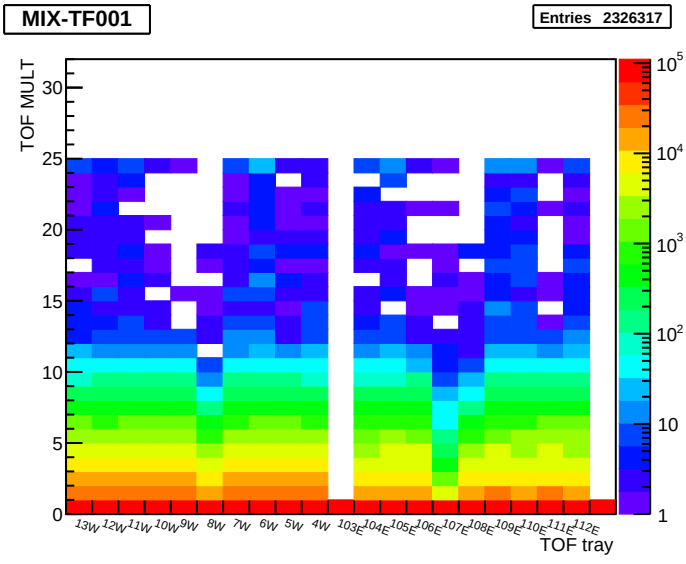

BunchId7Bit (ZDC-TAC)
Entries 306

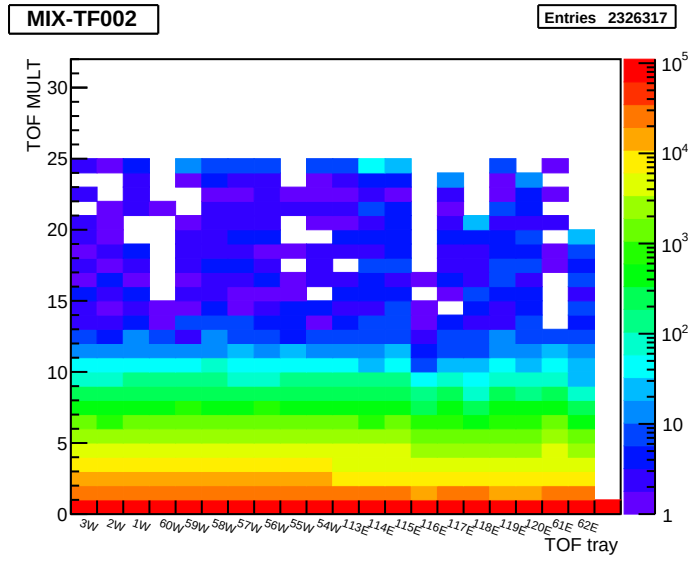

BunchId7Bit (EPD-TAC)
Entries 90437

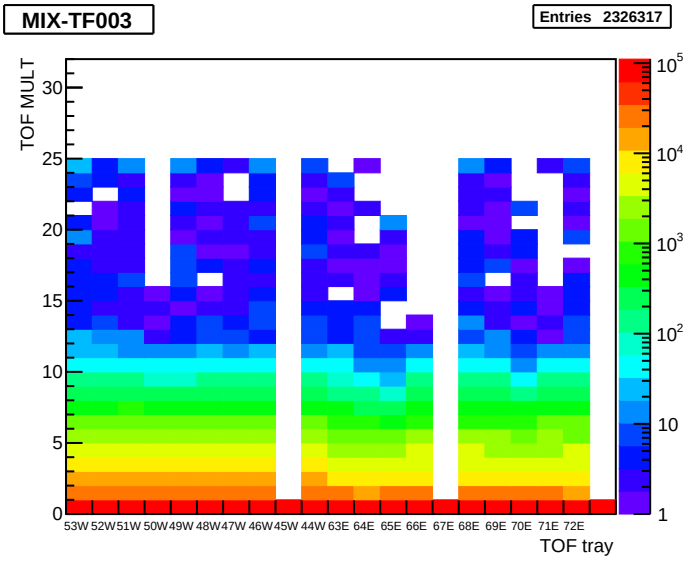

BunchId7Bit (BBC-TAC)
Entries 52479

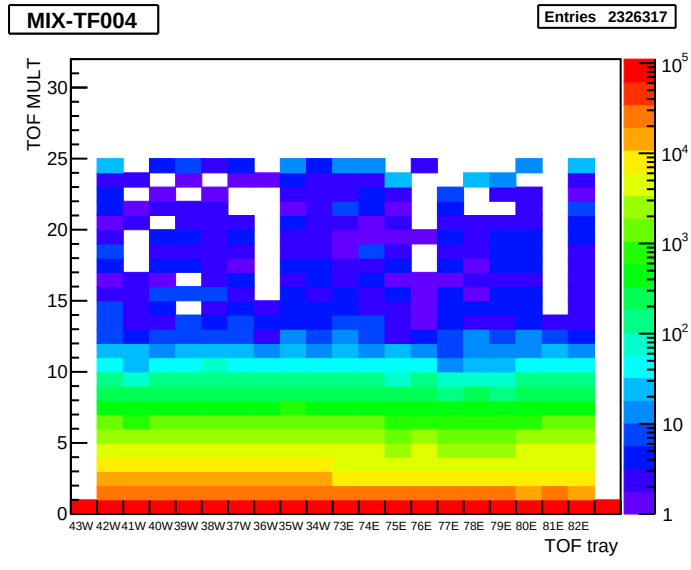

BunchId7Bit (Laser)
Entries 0

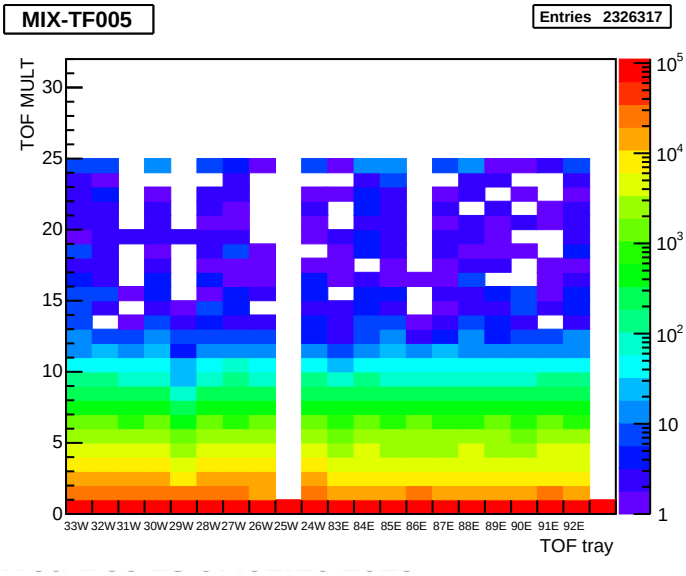

BunchId7Bit (TOFmult window)
Entries 4150

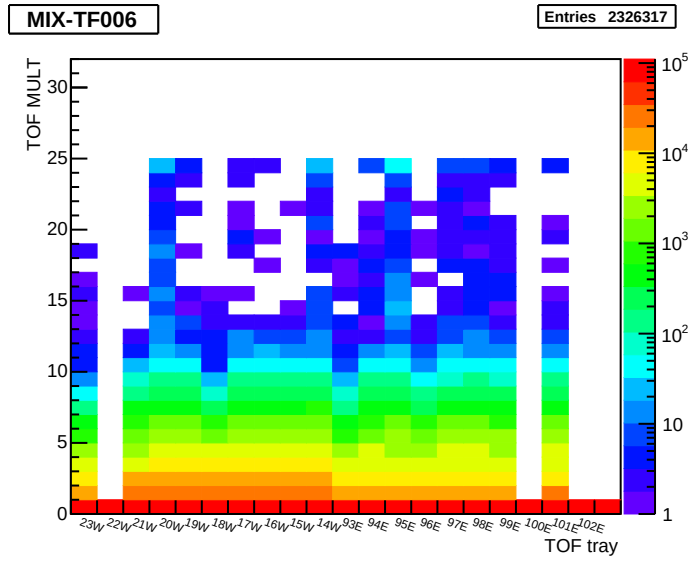

MIX-TF001
Entries 2326317
TOF MULT
TOF tray

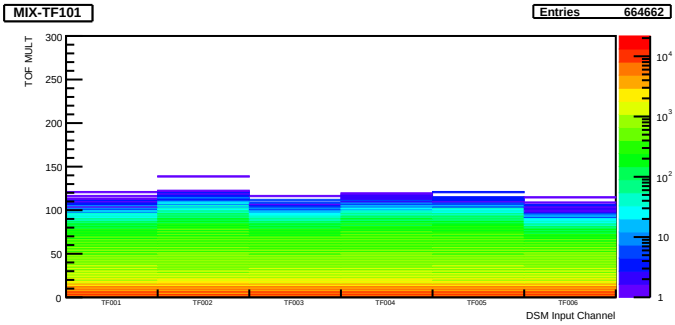

MIX-TF002
Entries 2326317
TOF MULT
TOF tray

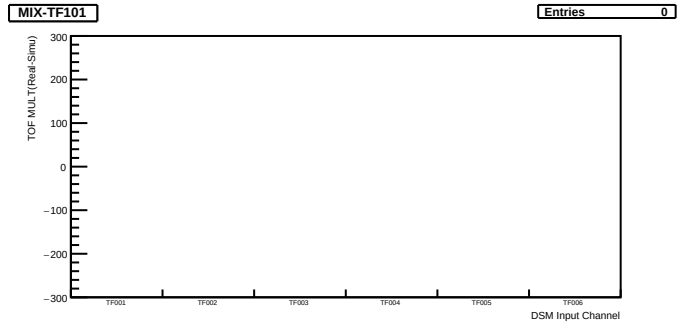

MIX-TF003
Entries 2326317
TOF MULT
TOF tray

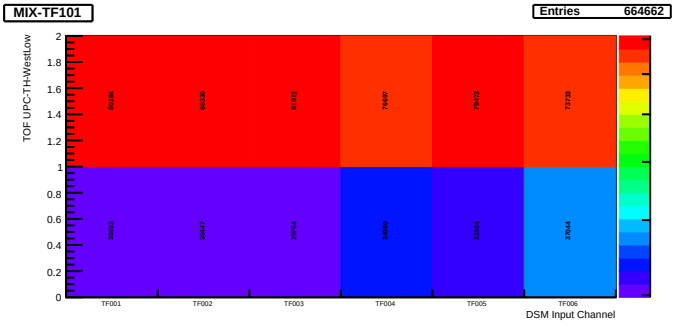

MIX-TF004
Entries 2326317
TOF MULT
TOF tray

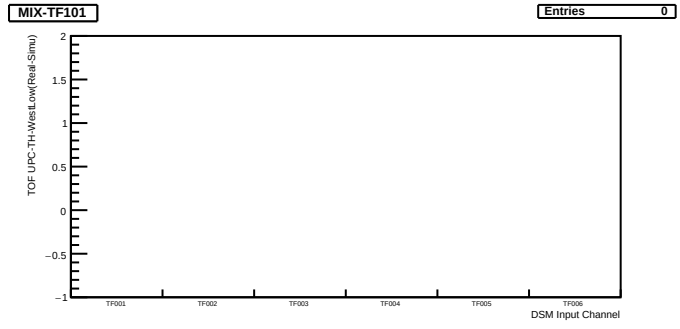

MIX-TF005
Entries 2326317
TOF MULT
TOF tray

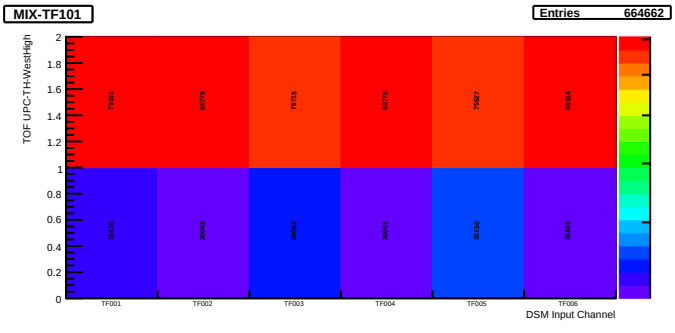

MIX-TF006
Entries 2326317
TOF MULT
TOF tray

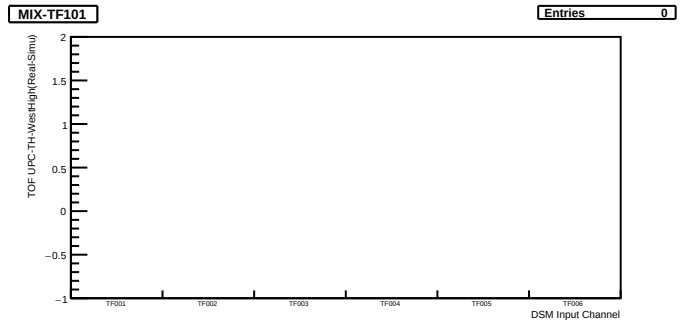

MIX-TF101
Entries 664662
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

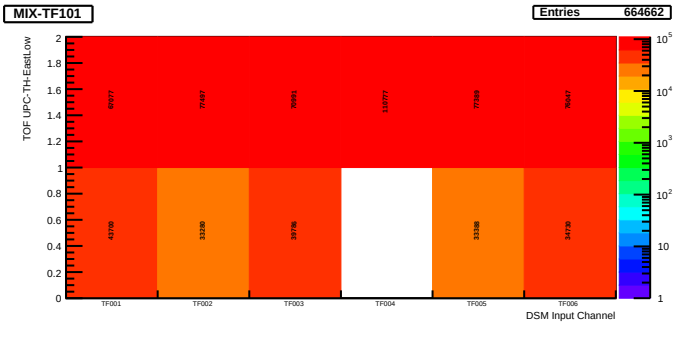

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

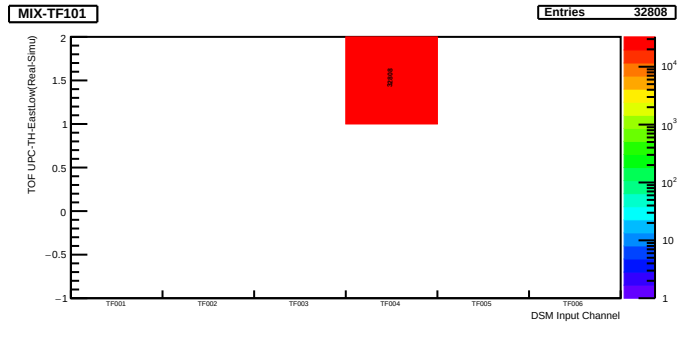

MIX-TF101
Entries 664662
TOF UPC-TH-WestLow
80284
80330
81653
74687
79473
73739
39003
39447
37914
34850
33304
37944
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

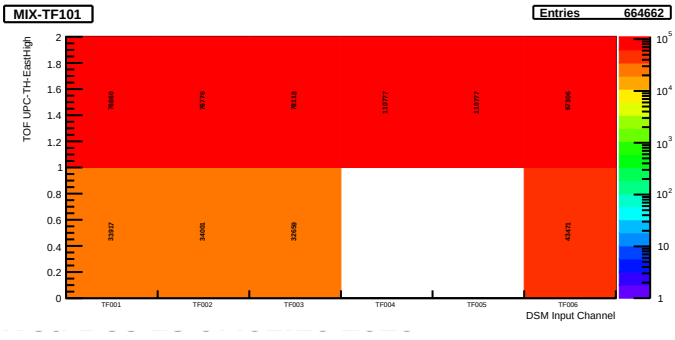

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

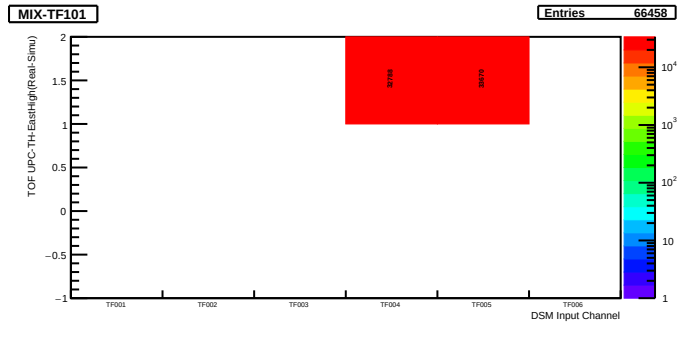

MIX-TF101
Entries 664662
TOF UPC-TH-WestHigh
79151
80775
76715
80776
79527
80314
32828
30002
30062
30001
33150
30443
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

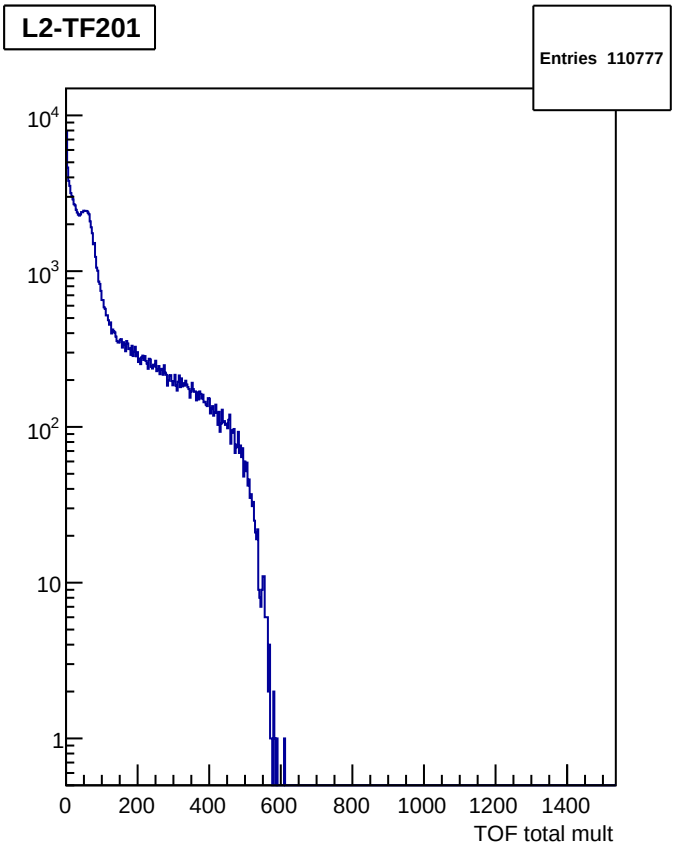

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

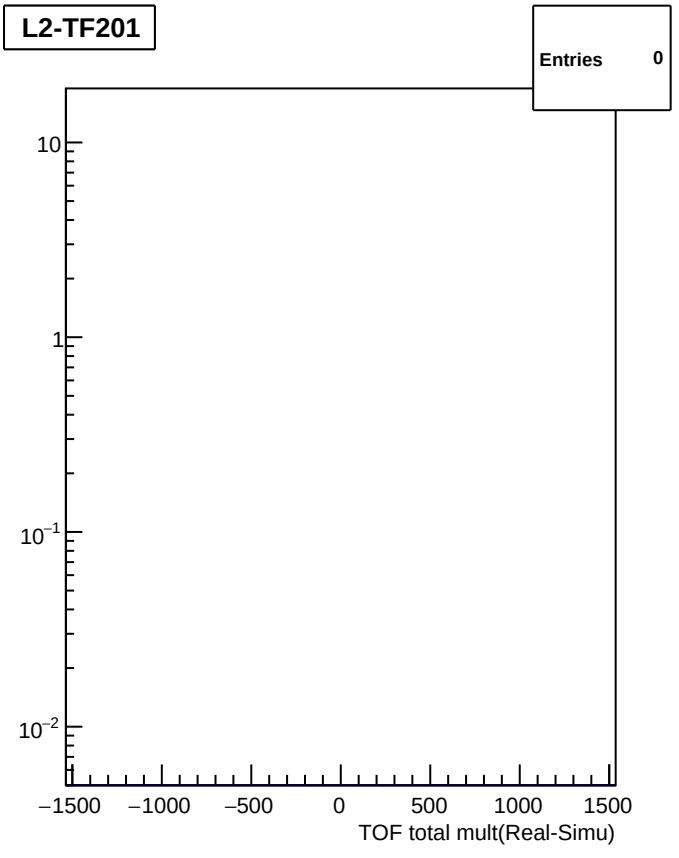

MIX-TF101
Entries 664662
TOF UPC-TH-EastLow
67677
77497
70991
110777
77389
76947
43700
33280
39786
33388
34730
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

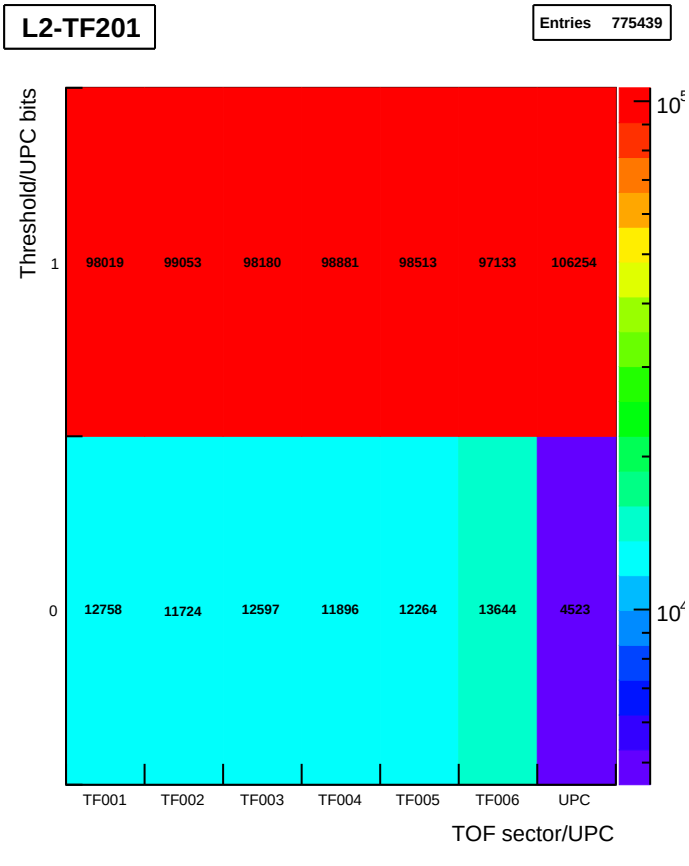

MIX-TF101
Entries 32808
TOF UPC-TH-EastLow(Real-Simu)
32808
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

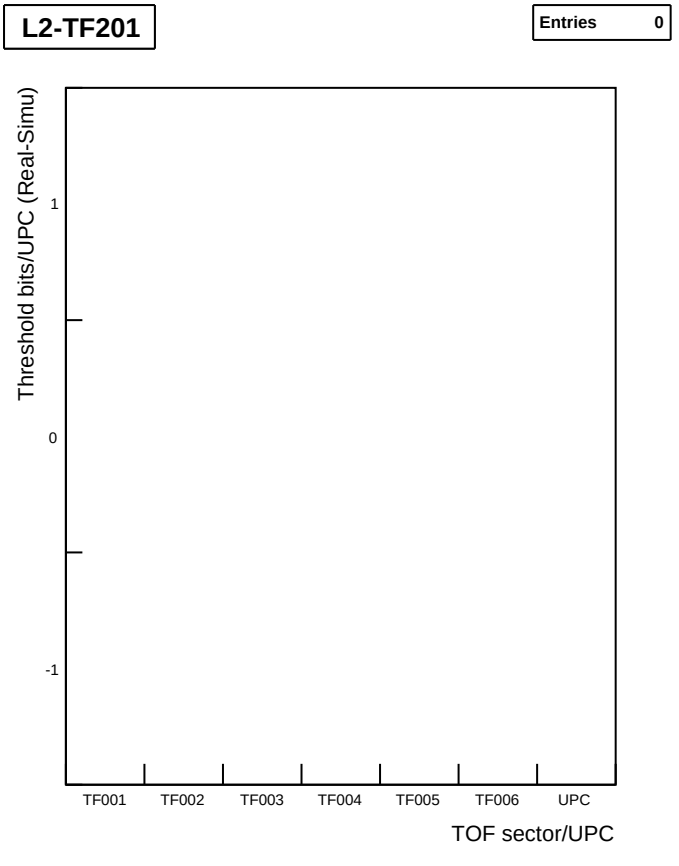

MIX-TF101
Entries 664662
TOF UPC-TH-EastHigh
76849
76776
76118
110777
110777
67306
33937
34401
32639
43471
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

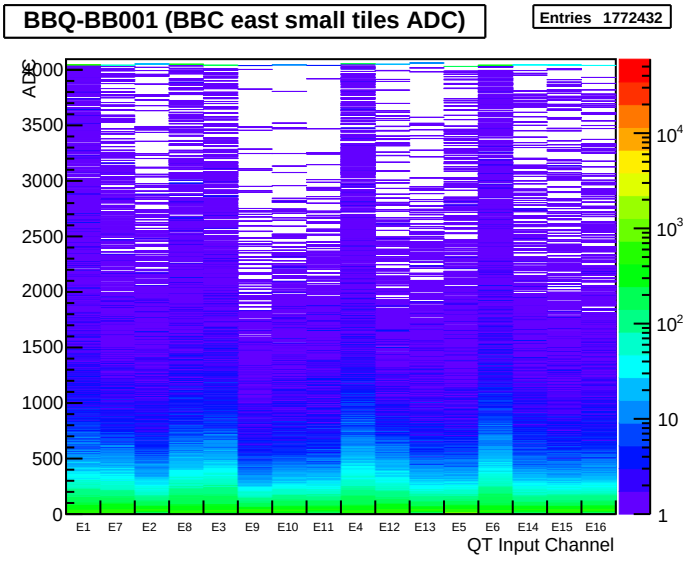

MIX-TF101
Entries 66458
TOF UPC-TH-EastHigh(Real-Simu)
32768
33070
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

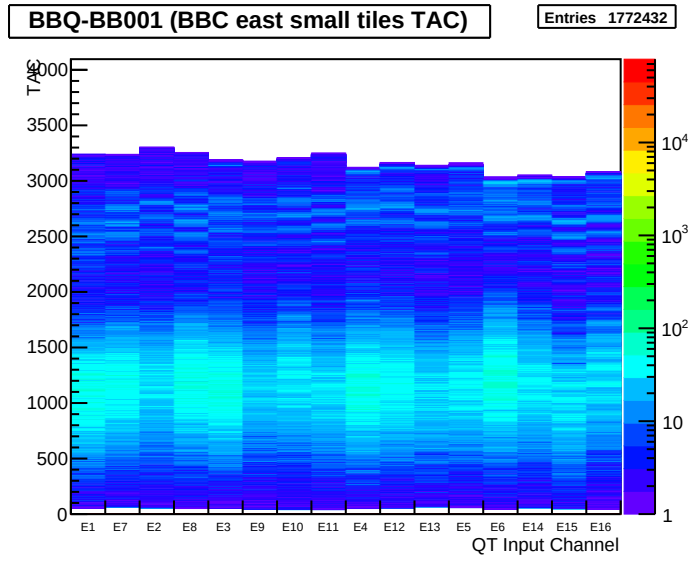

L2-TF201
Entries 110777
TOF total mult

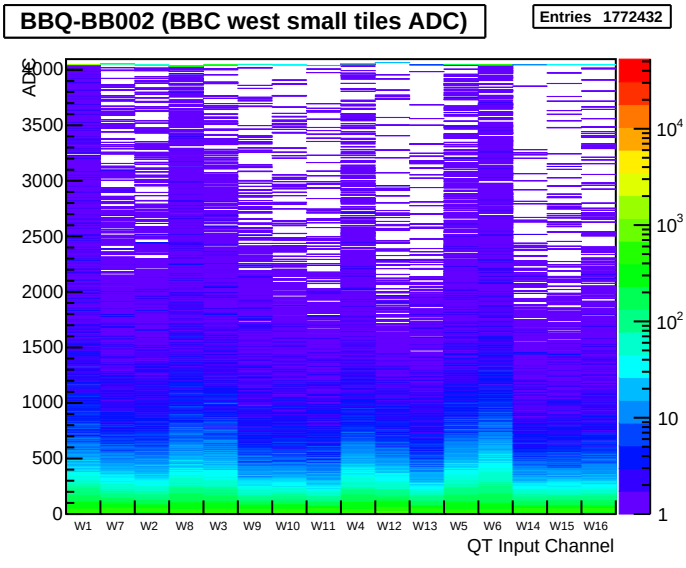

L2-TF201
Entries 0
TOF total mult(Real-Simu)

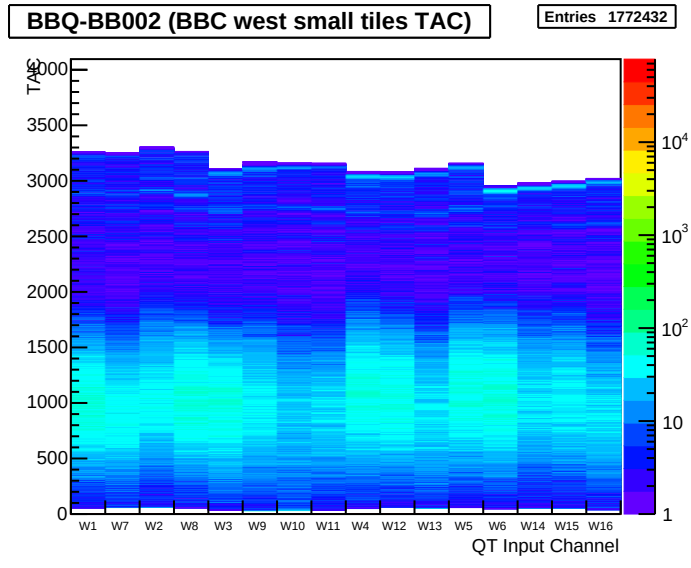

L2-TF201
Entries 775439
Threshold/UPC bits
98019
99053
98180
98881
98513
97133
106254
12758
11724
12597
11896
12264
13644
4523
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

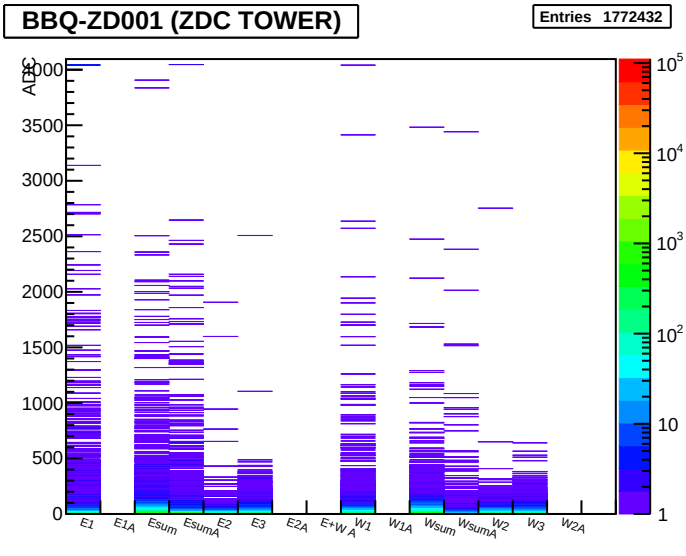

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

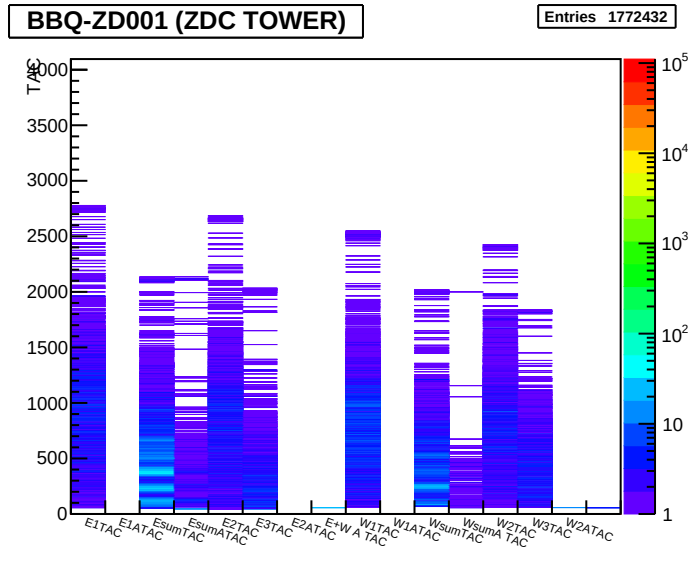

BBQ-BB001 (BBC east small tiles ADC)
Entries 1772432
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

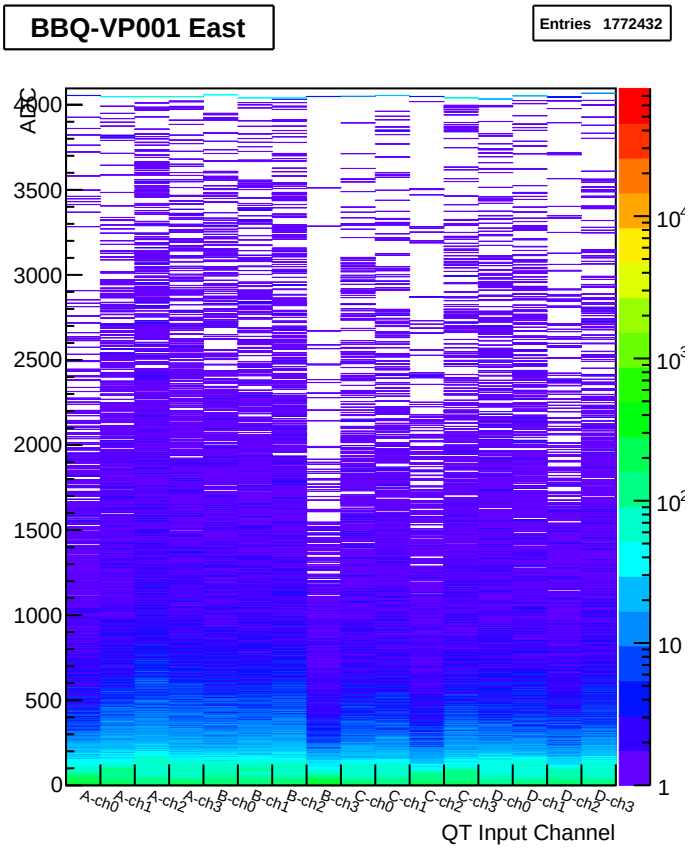

BBQ-BB001 (BBC east small tiles TAC)
Entries 1772432
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

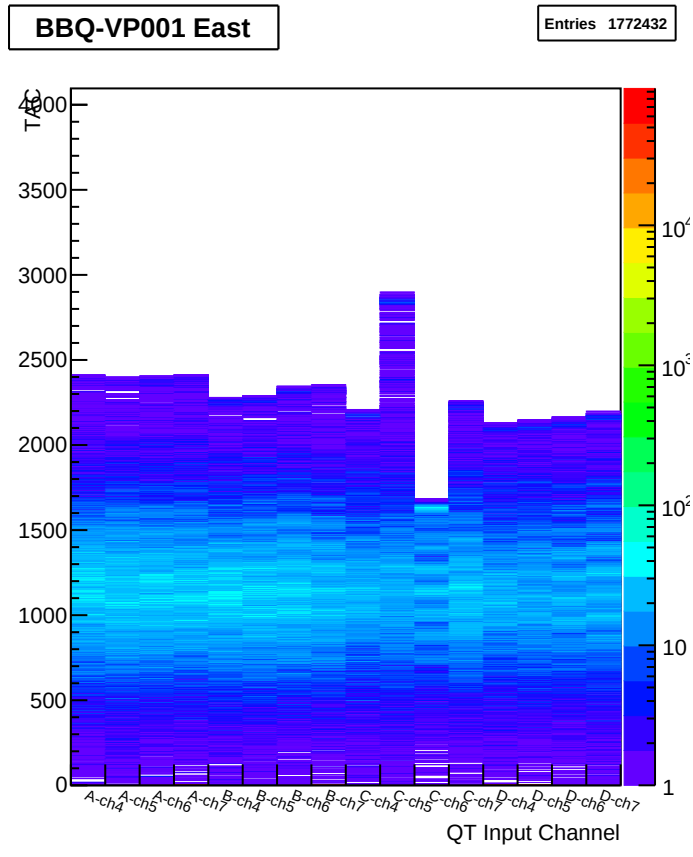

BBQ-BB002 (BBC west small tiles ADC)
Entries 1772432
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

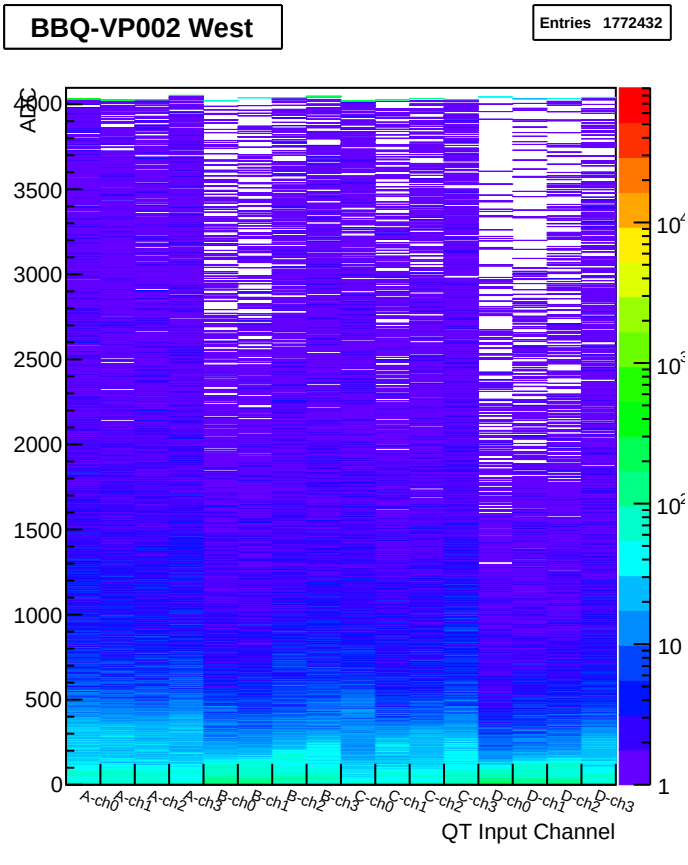

BBQ-BB002 (BBC west small tiles TAC)
Entries 1772432
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

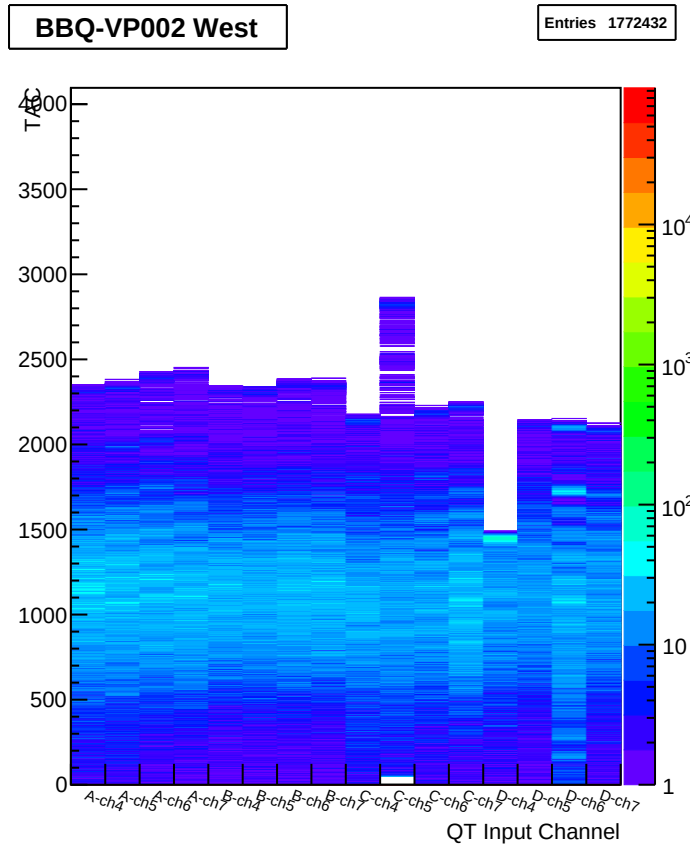

BBQ-ZD001 (ZDC TOWER)
Entries 1772432
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

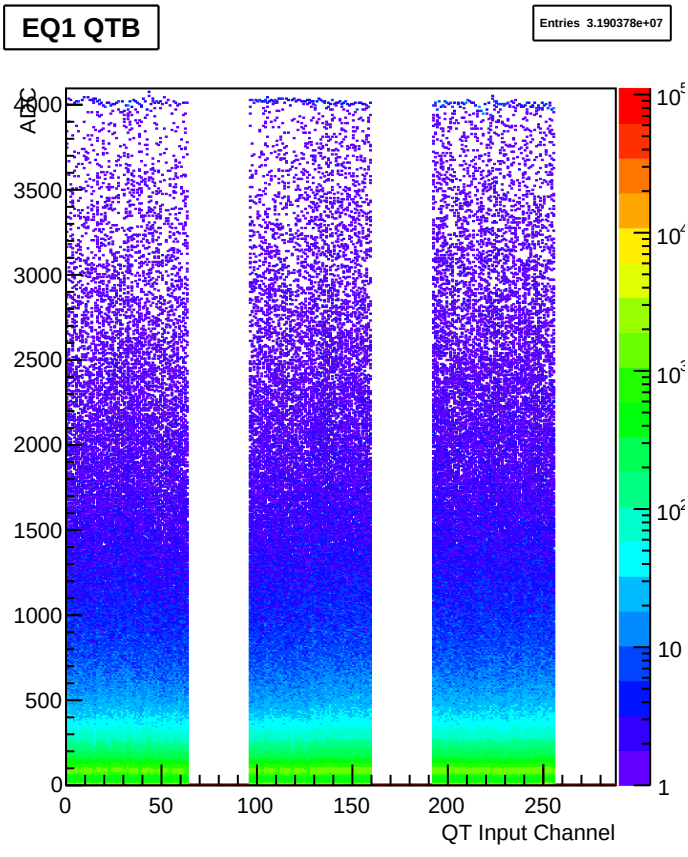

BBQ-ZD001 (ZDC TOWER)
Entries 1772432
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

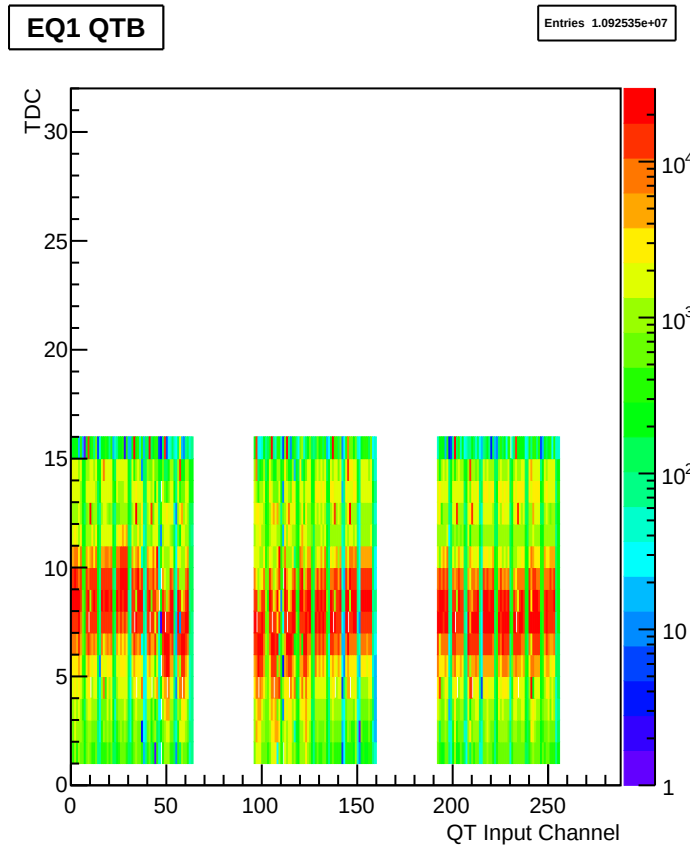

BBQ-VP001 East
Entries 1772432
ADC
QT Input Channel

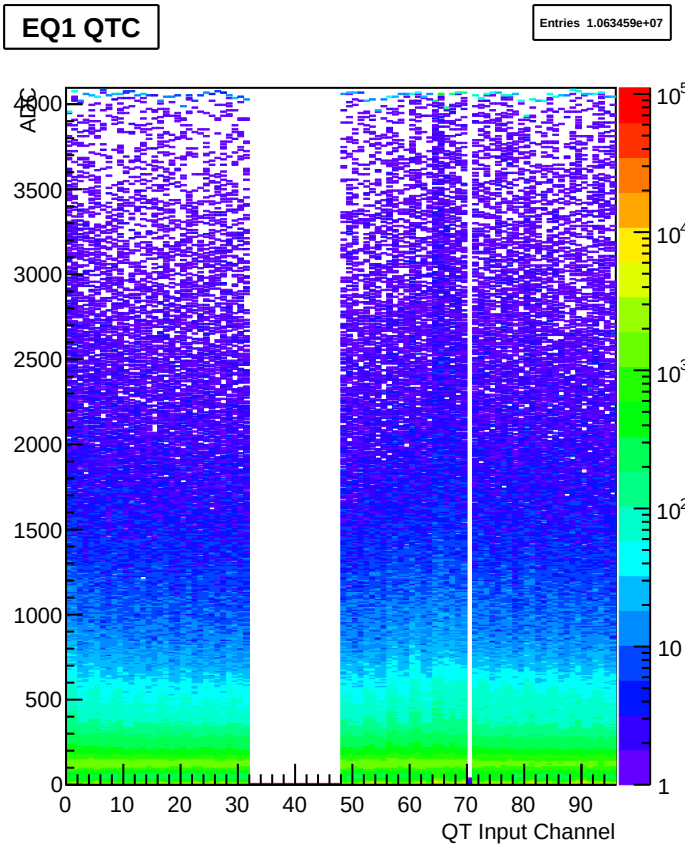

BBQ-VP001 East
Entries 1772432
TAC
QT Input Channel

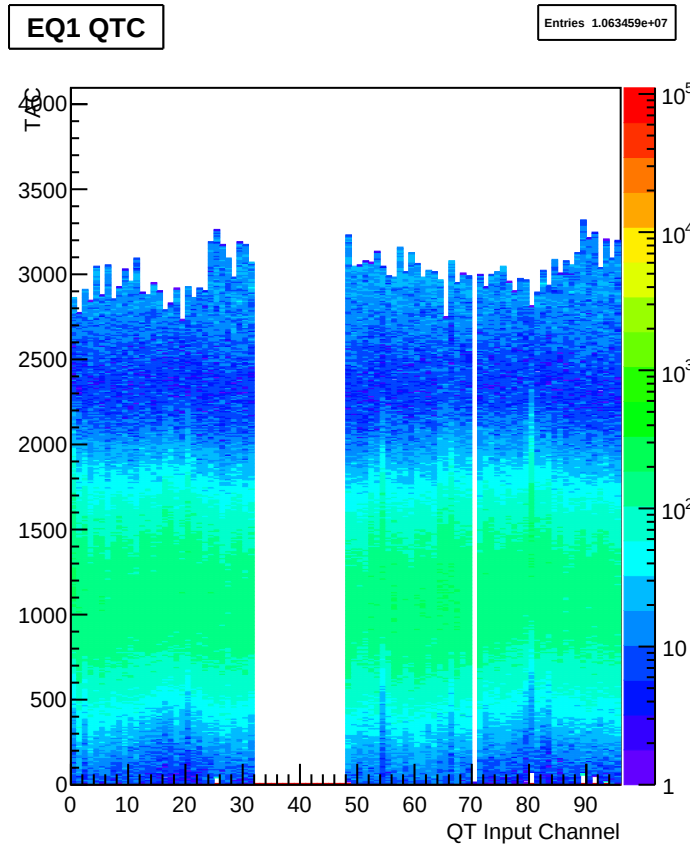

BBQ-VP002 West
Entries 1772432
ADC
QT Input Channel

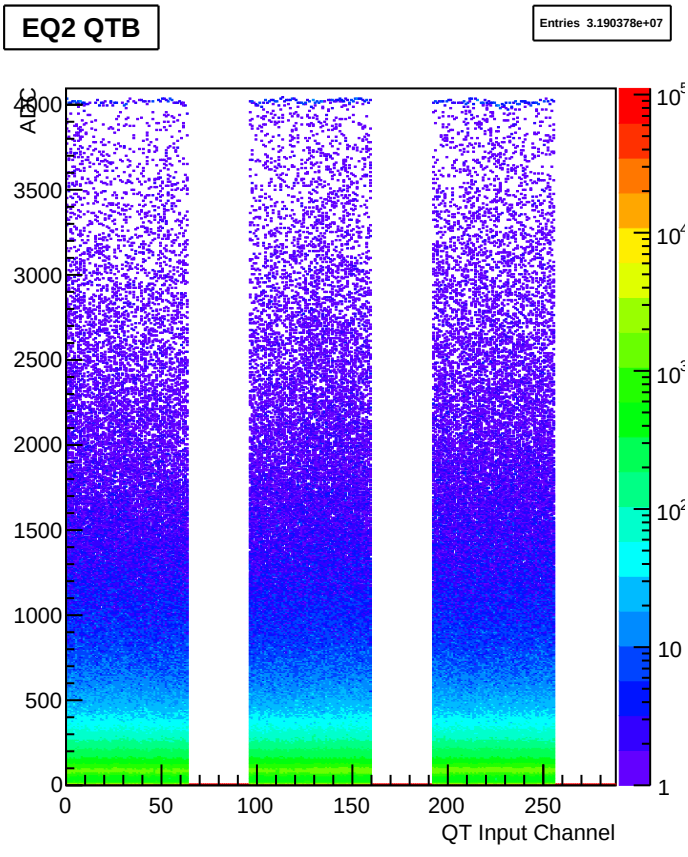

BBQ-VP002 West
Entries 1772432
TAC
QT Input Channel

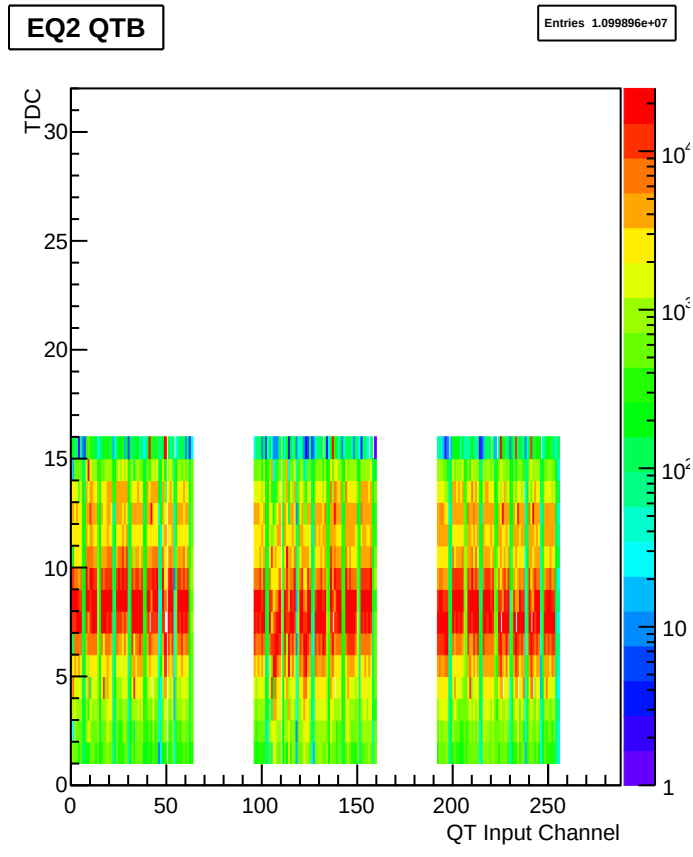

EQ1 QTB
Entries 3.190378e+07
ADC
QT Input Channel

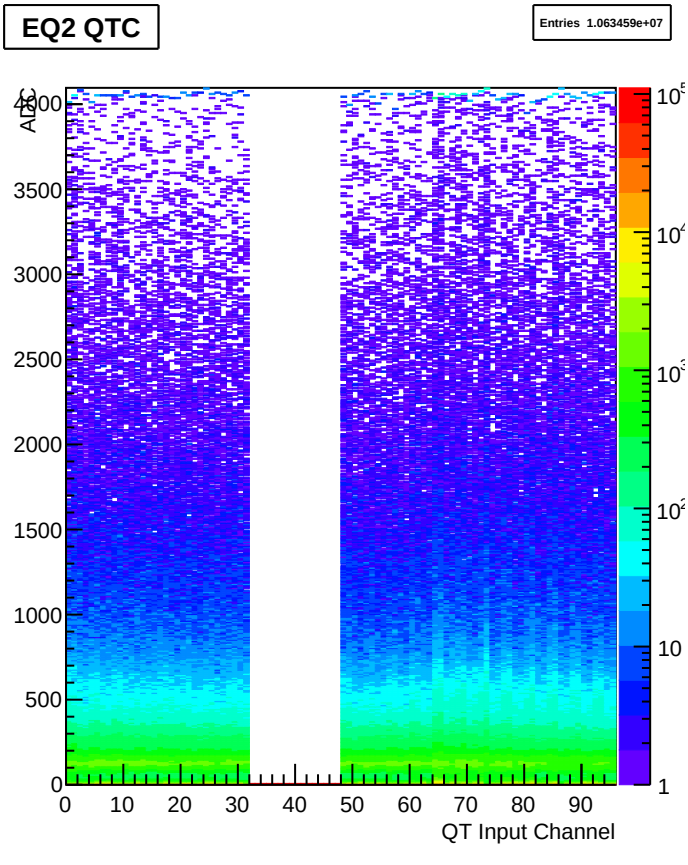

EQ1 QTB
Entries 1.092535e+07
TDC
QT Input Channel

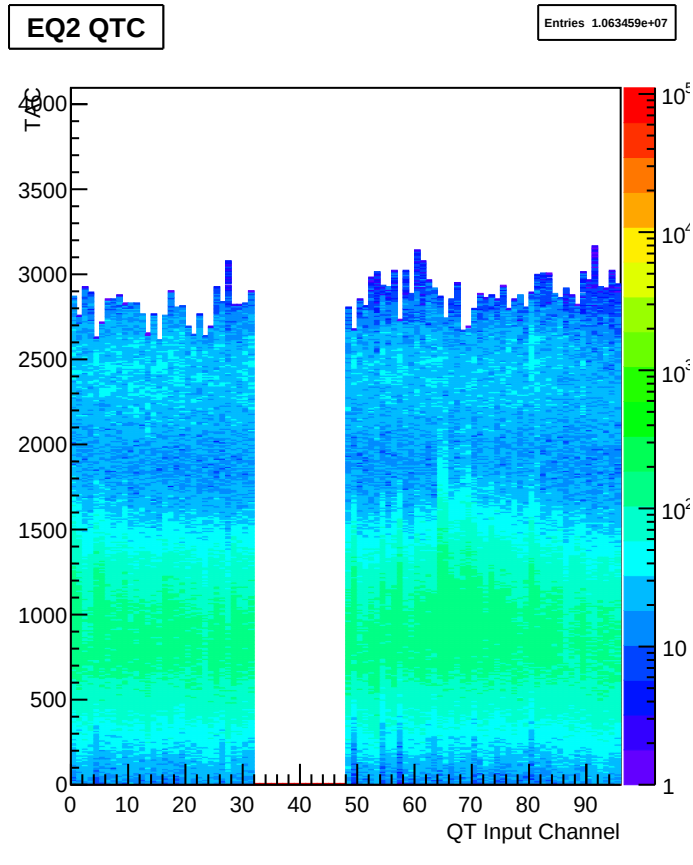

EQ1 QTC
Entries 1.063459e+07
ADC
QT Input Channel

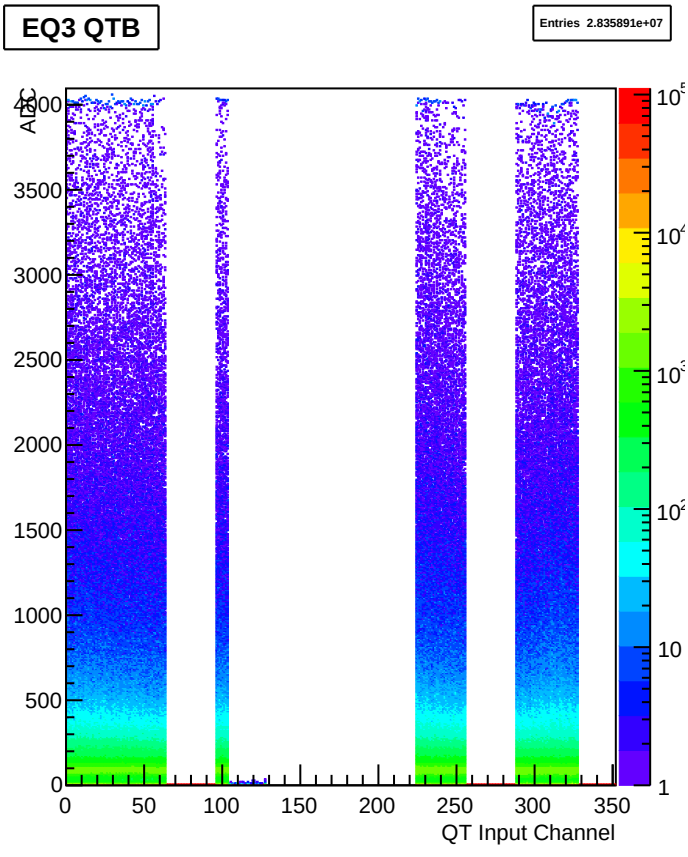

EQ1 QTC
Entries 1.063459e+07
TADC
QT Input Channel

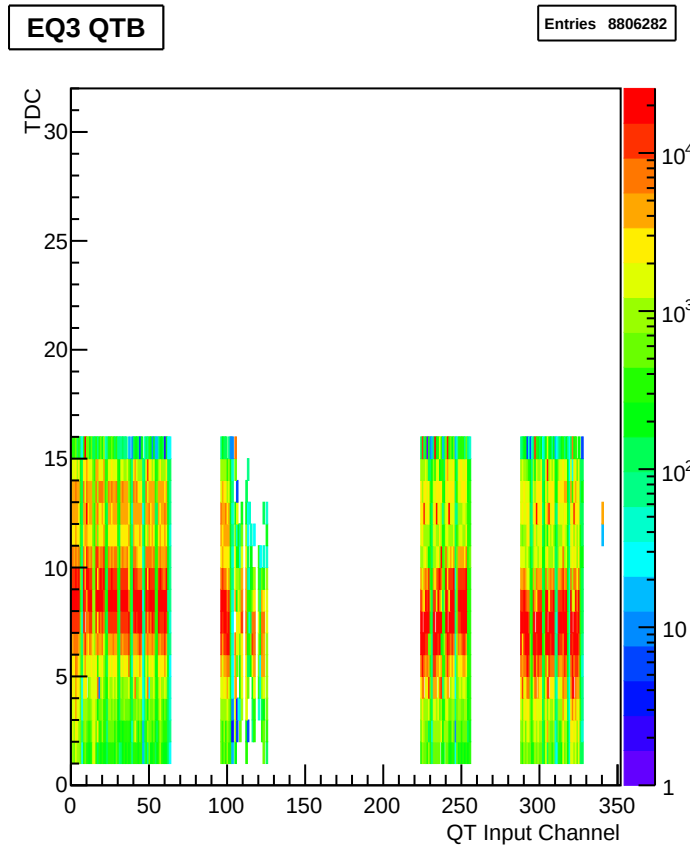

EQ2 QTB
Entries 3.190378e+07
ADC
QT Input Channel

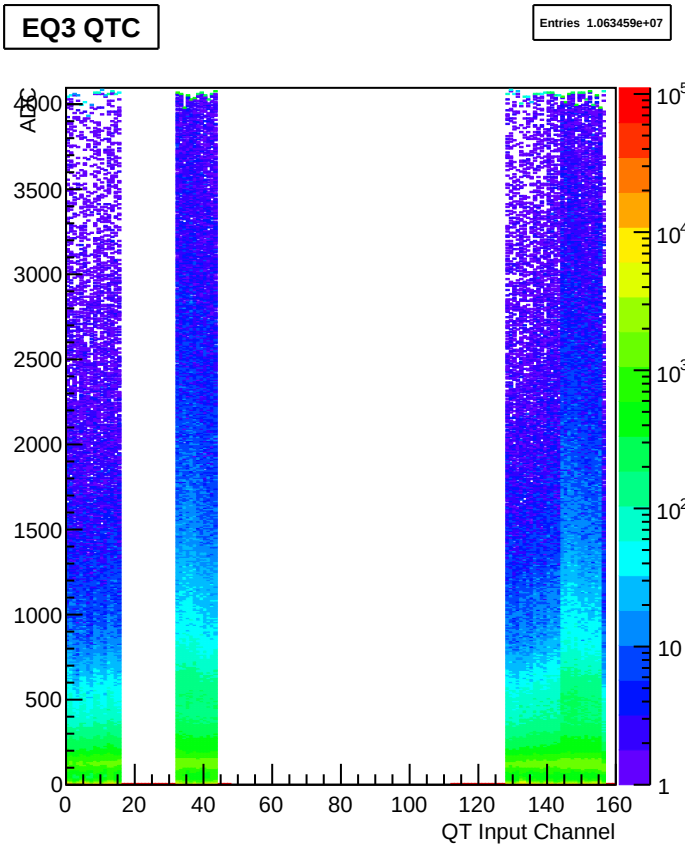

EQ2 QTB
Entries 1.099896e+07
TDC
QT Input Channel

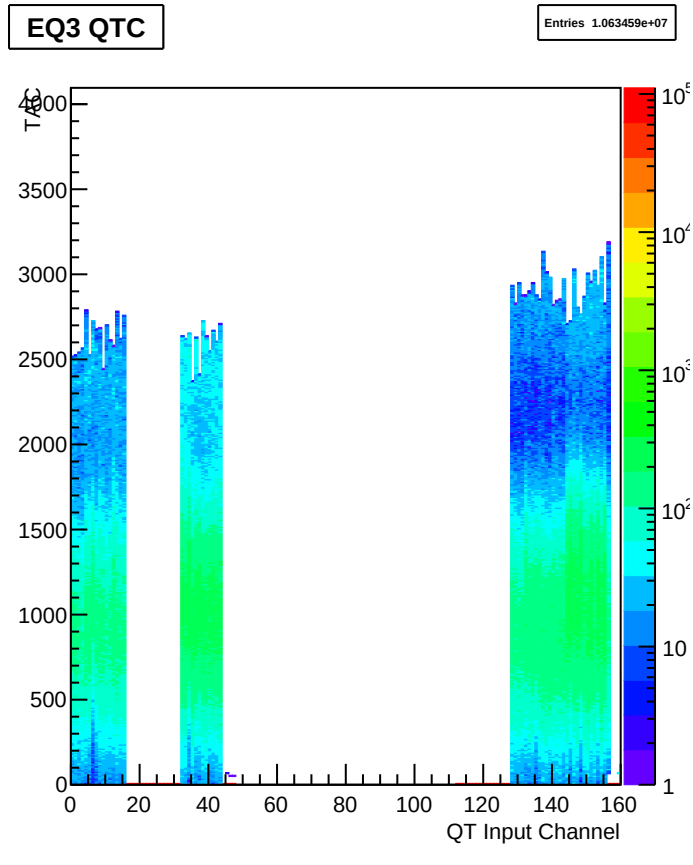

EQ2 QTC
Entries 1.063459e+07
ADC
QT Input Channel

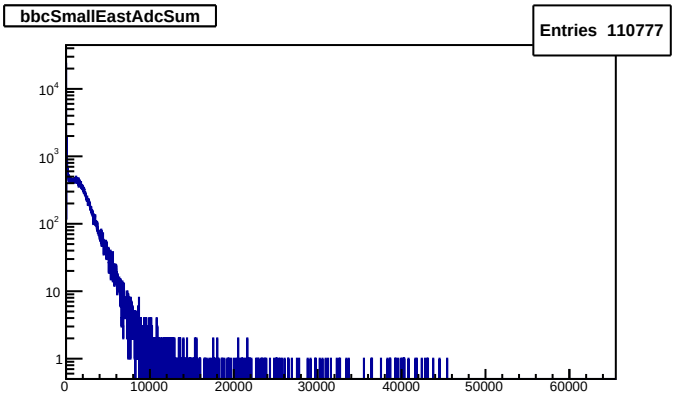

EQ2 QTC
Entries 1.063459e+07
TADC
QT Input Channel

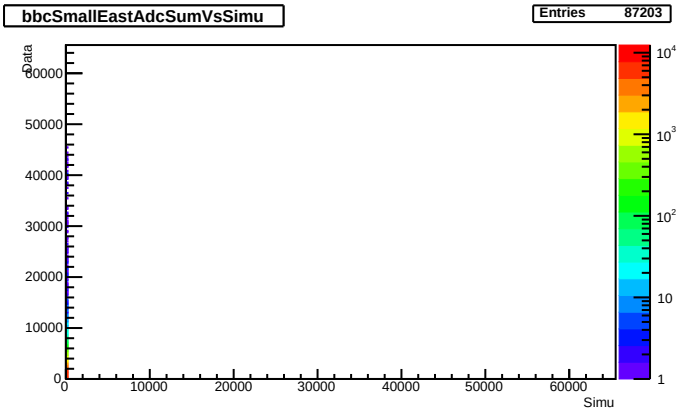

EQ3 QTB
Entries 2.835891e+07
ADC
QT Input Channel

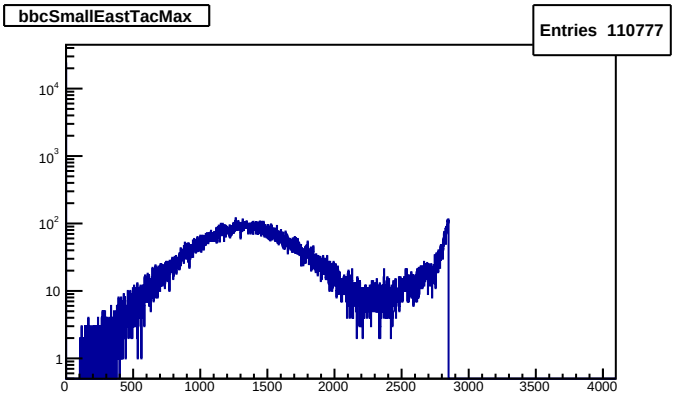

EQ3 QTB
Entries 8806282
TDC
QT Input Channel

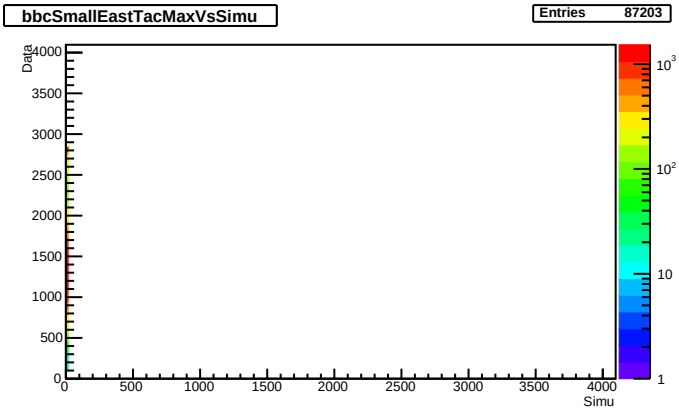

EQ3 QTC
Entries 1.063459e+07
ADC
QT Input Channel

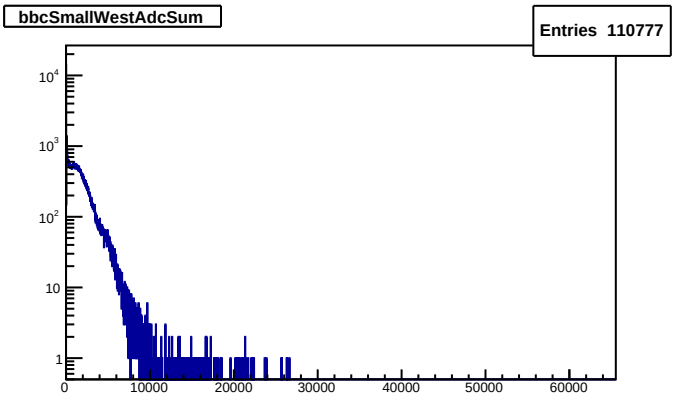

EQ3 QTC
Entries 1.063459e+07
TADC
QT Input Channel

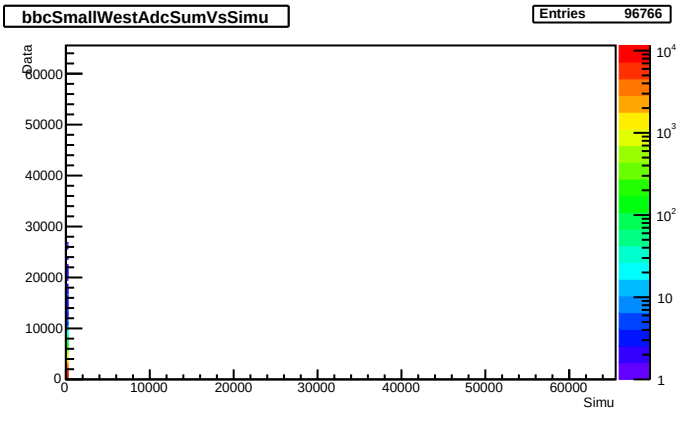

bbcSmallEastAdcSum
Entries 110777


bbcSmallEastAdcSumVsSimu
Entries 87203
Data
Simu


bbcSmallEastTacMax
Entries 110777


bbcSmallEastTacMaxVsSimu
Entries 87203
Data
Simu


bbcSmallWestAdcSum
Entries 110777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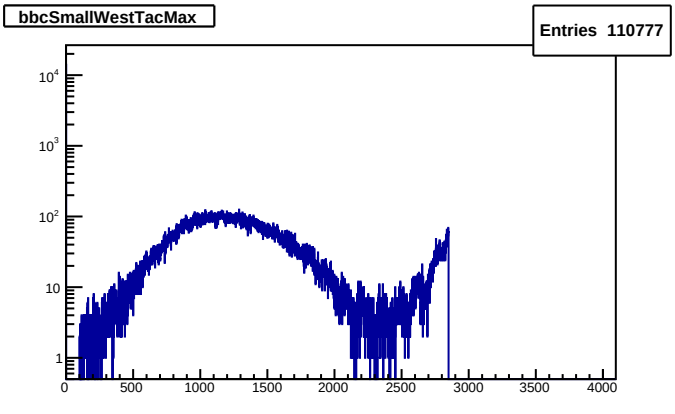
Entries 96766
Data
Simu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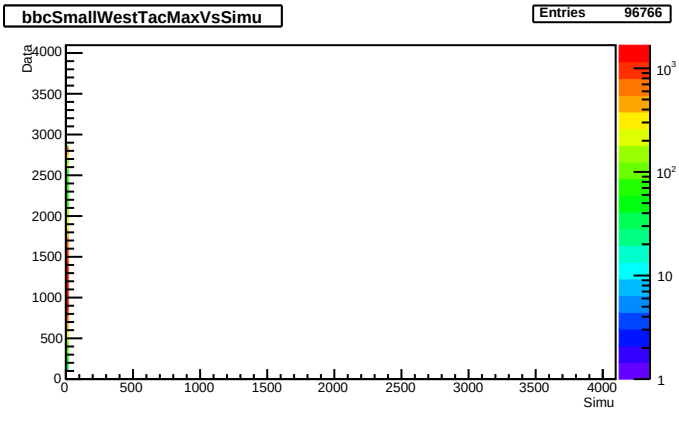
Entries 110777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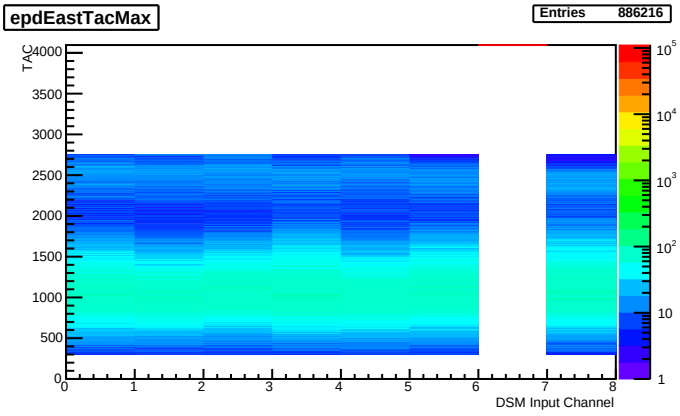
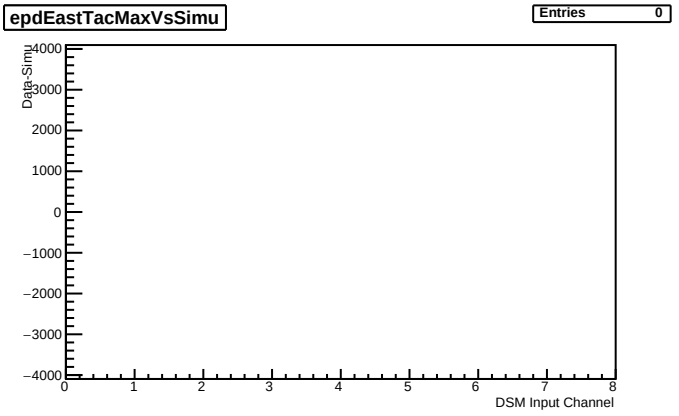
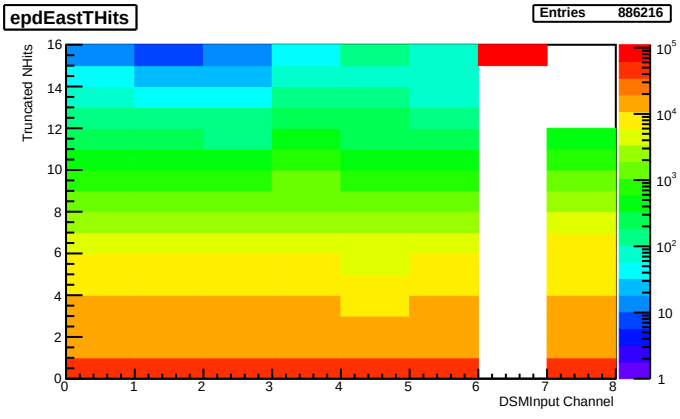
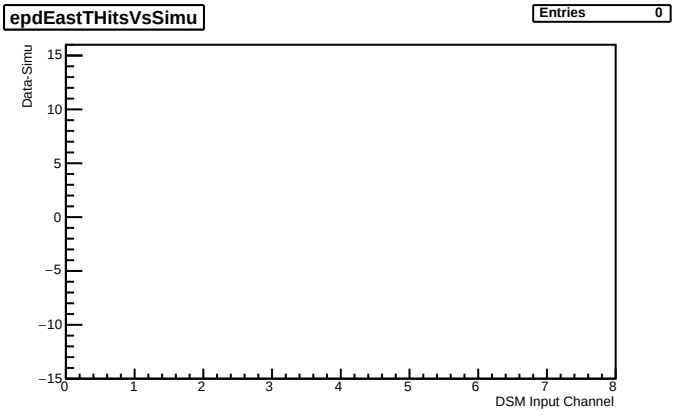
Entries 96766
Data
Simu


epdEastTacMax
Entries 886216
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 886216
Truncated NHits
DSMInput Channel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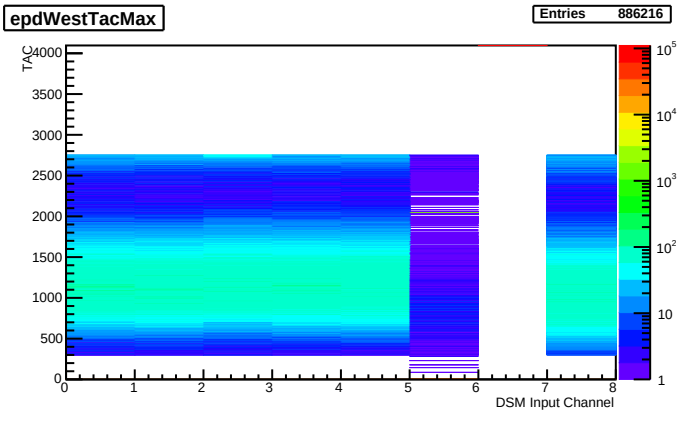
Entries 0
Data-Simu
DSM Input Channel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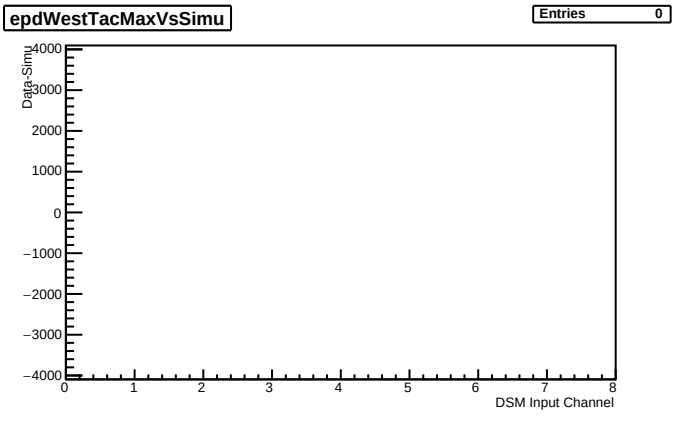
Entries 886216
TAC
DSM Input Channel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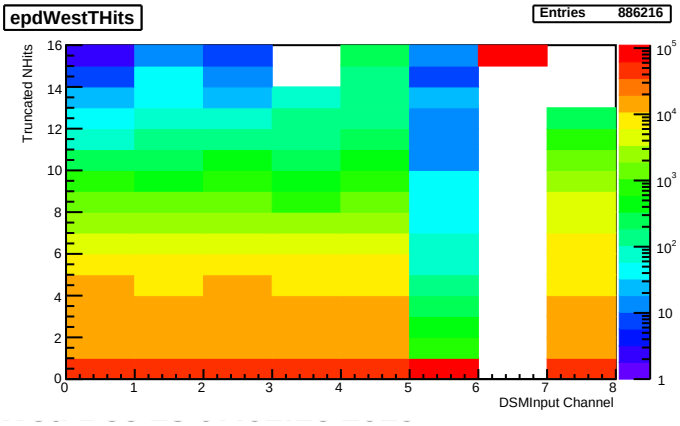
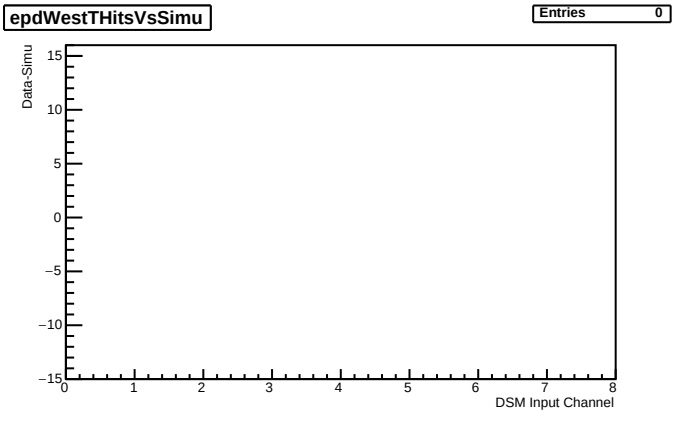
Data-Simu
DSM Input Channel


epdWestTHits
Entries 886216
Truncated NHits
DSMInput Channel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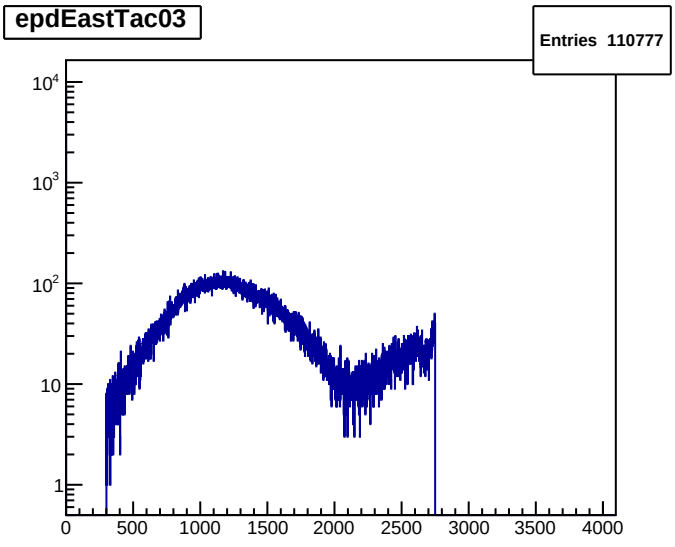
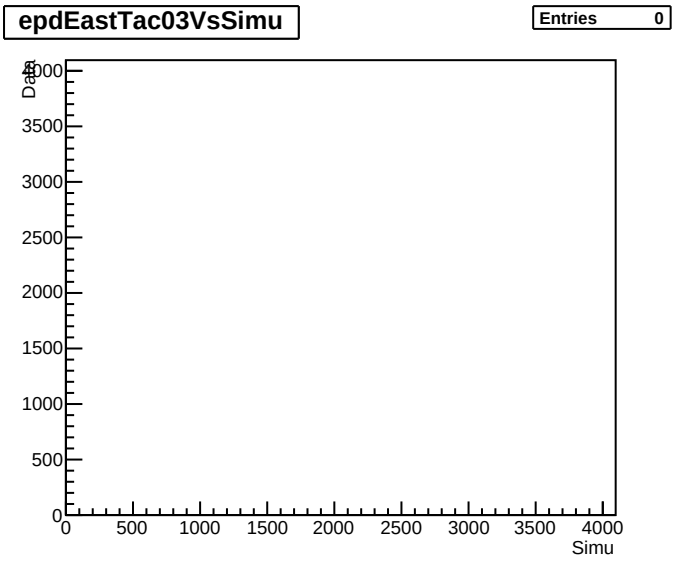
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 110777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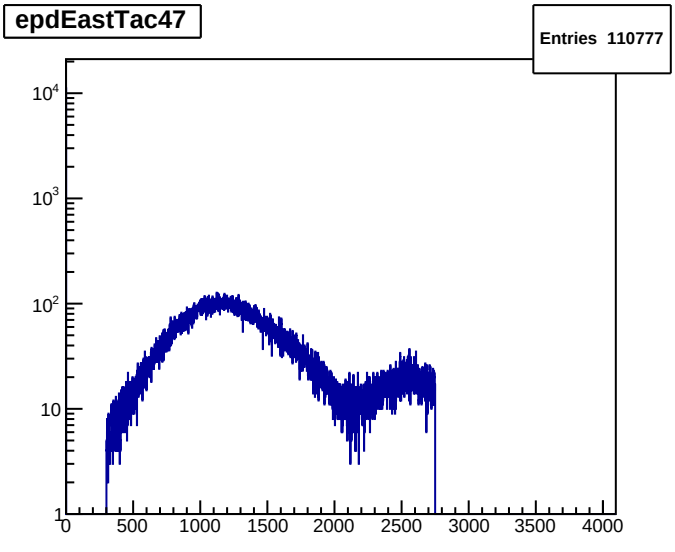
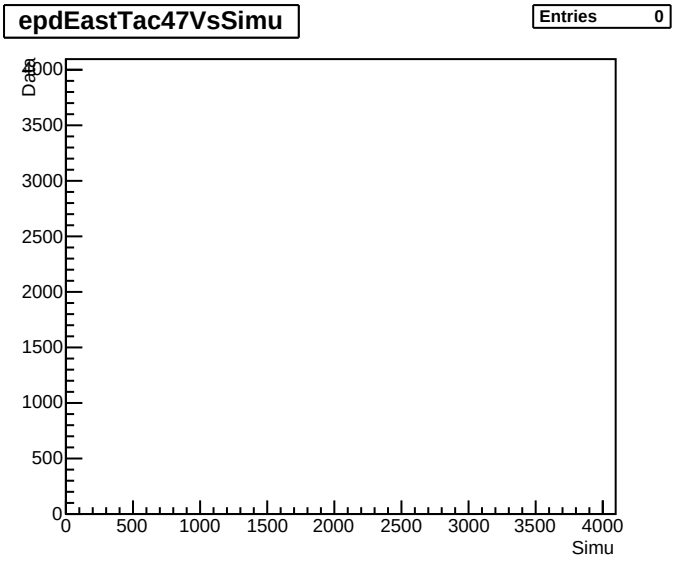
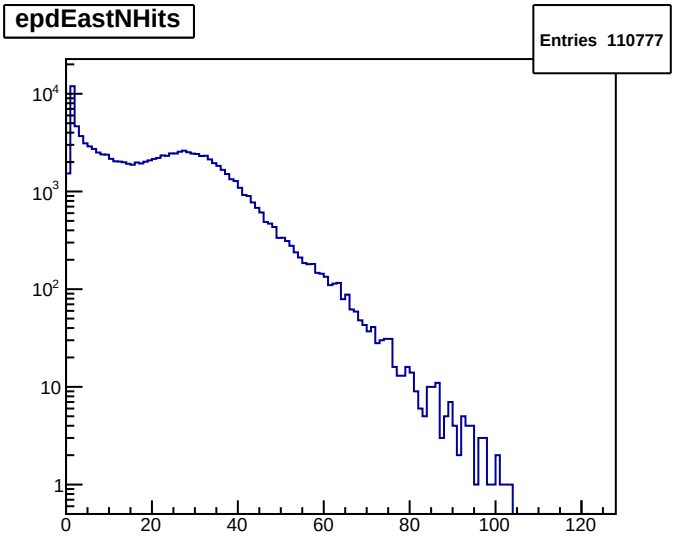
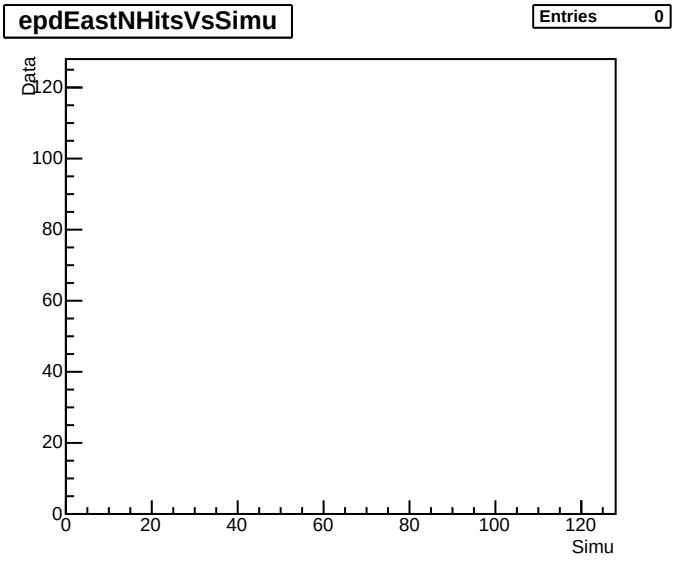
Entries 0
Data
Simu


epdEastTac47
Entries 110777


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 110777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Data
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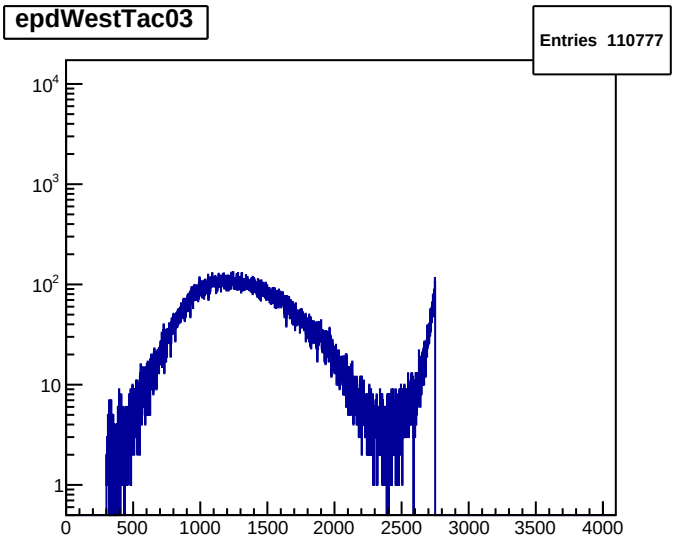
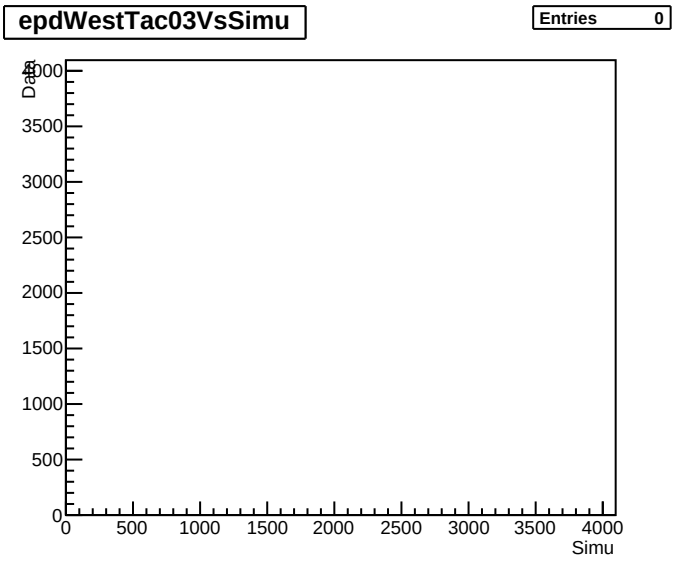

epdWestTac03
Entries 110777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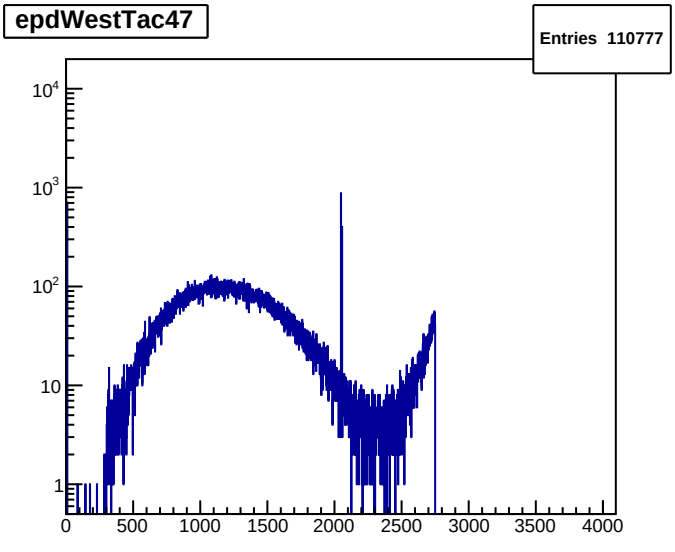
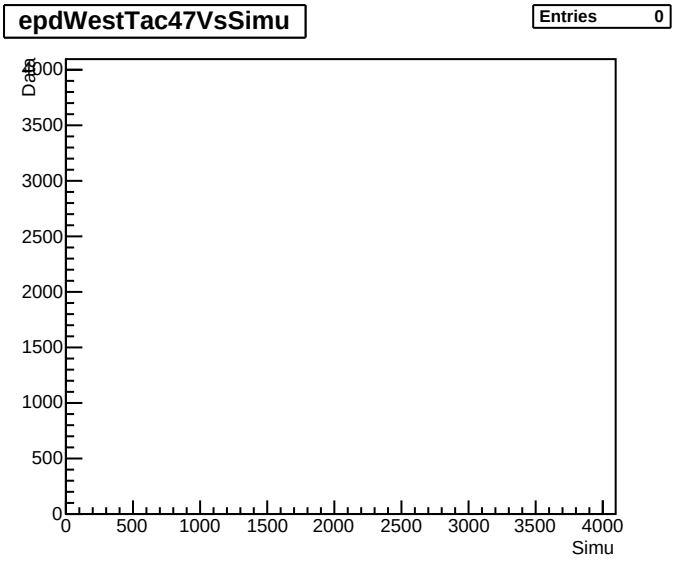
Entries 0
Data
Simu


epdWestTac47
Entries 110777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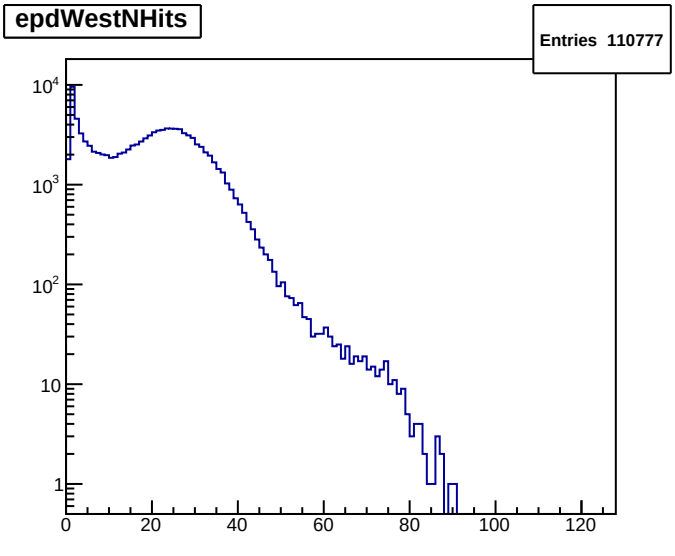
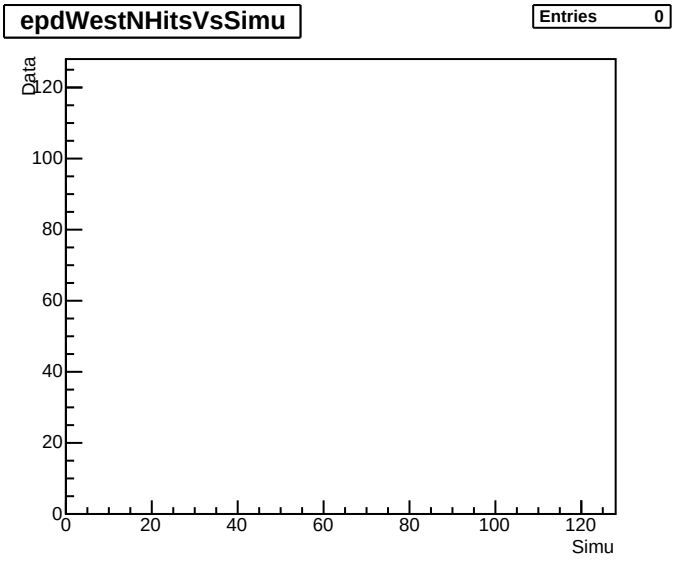
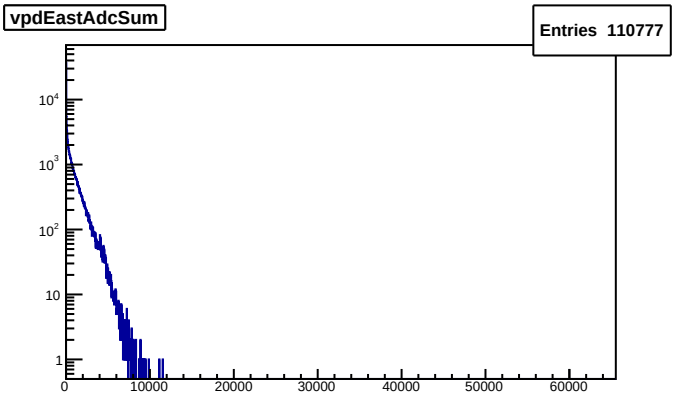
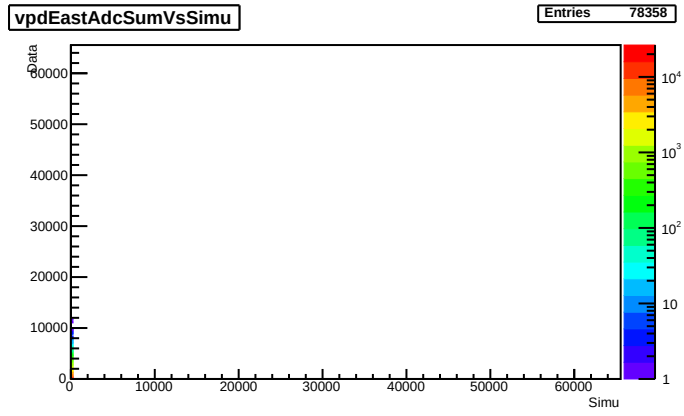
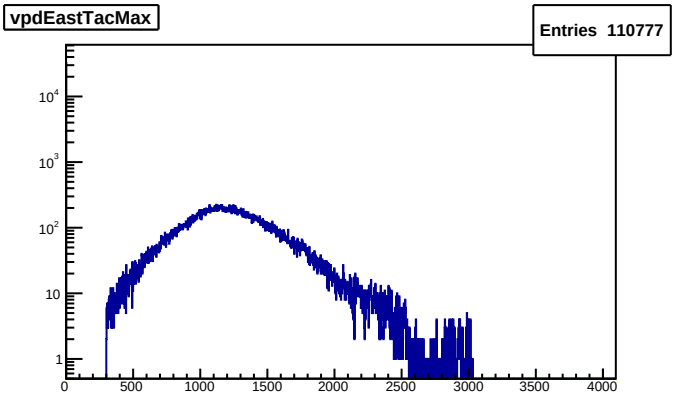
Entries 0
Data
Simu

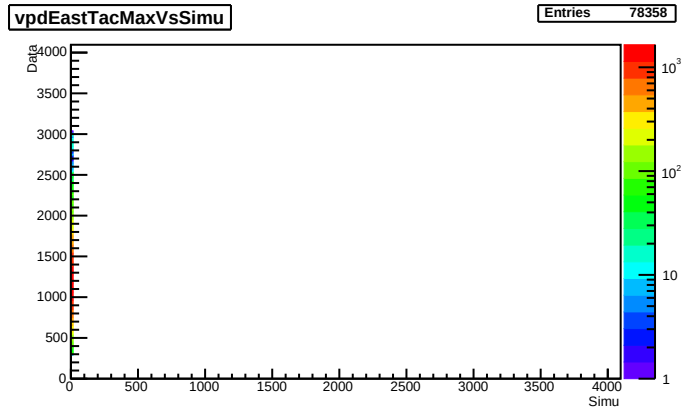

epdWestNHits
Entries 110777

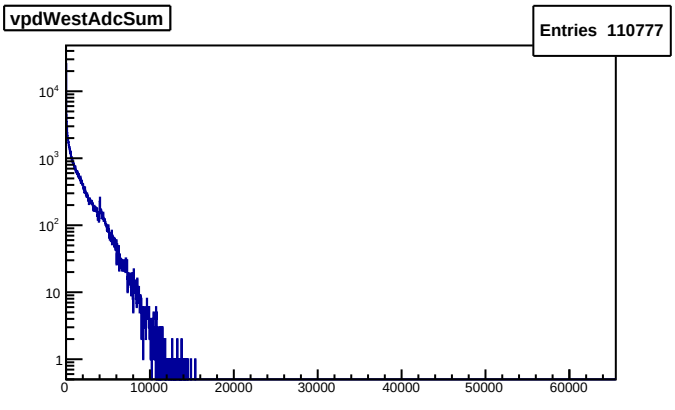

epdWestNHitsVsSimu
Entries 0
Data
Simu

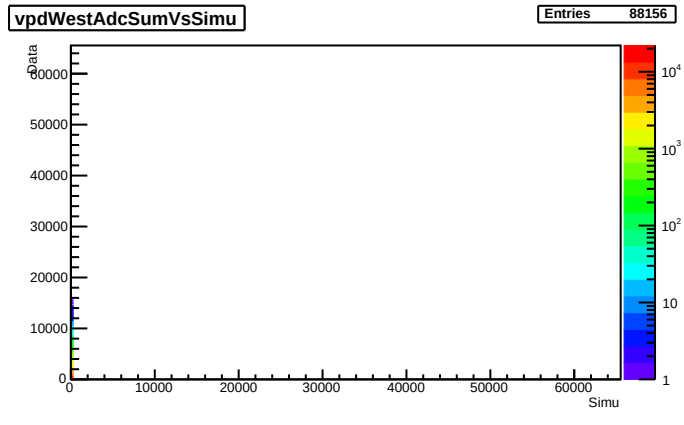

vpdEastAdcSum
Entries 110777

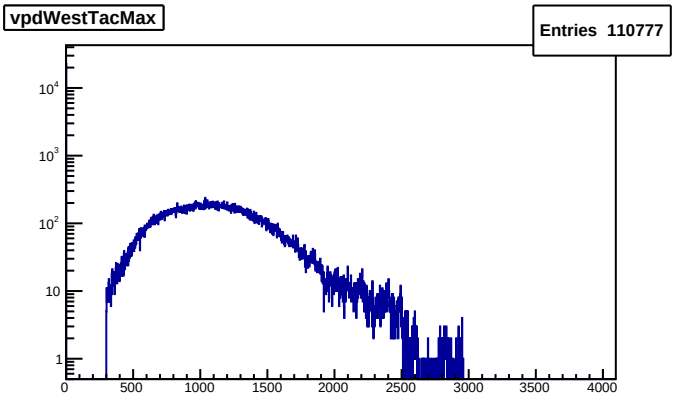

vpdEastAdcSumVsSimu
Entries 78358
Data
Simu

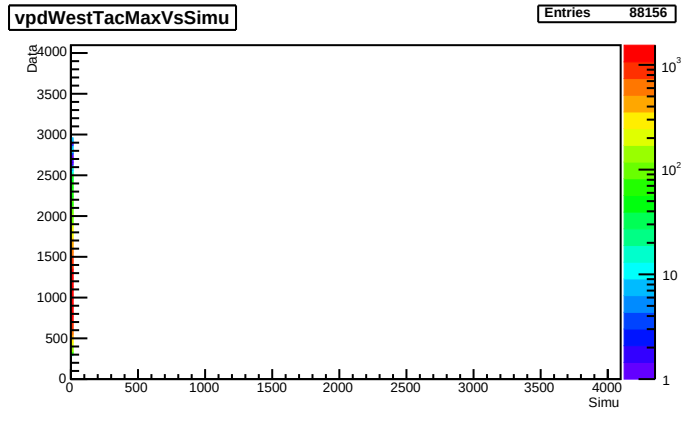

vpdEastTacMax
Entries 110777

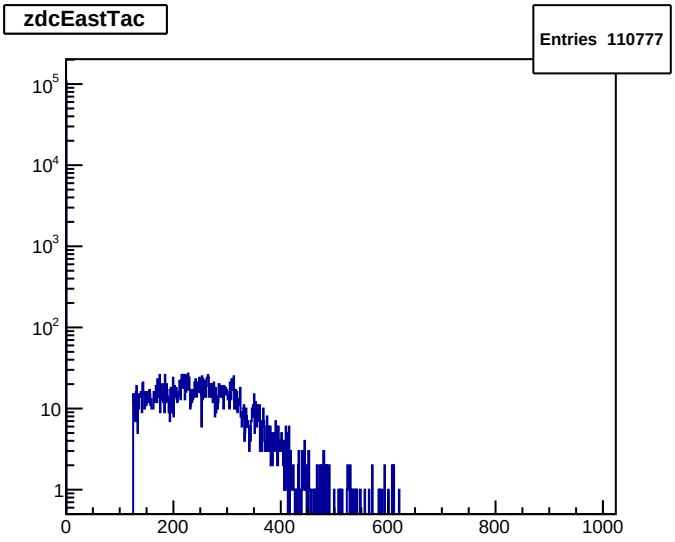

vpdEastTacMaxVsSimu
Entries 78358
Data
Simu

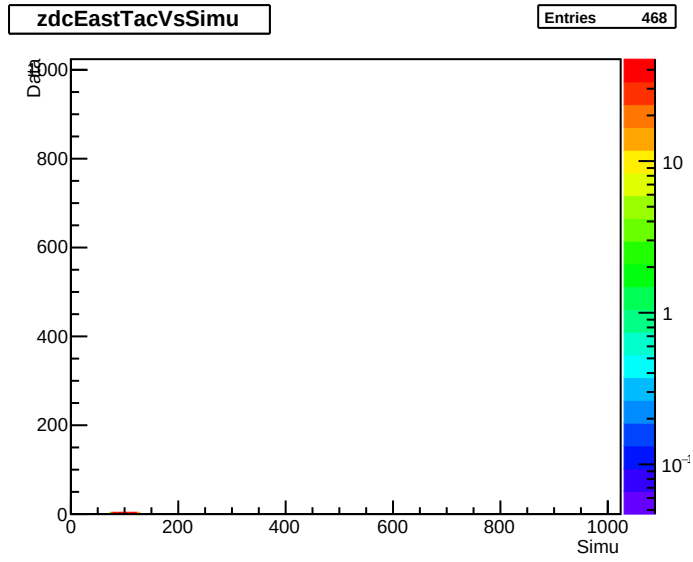

vpdWestAdcSum
Entries 110777

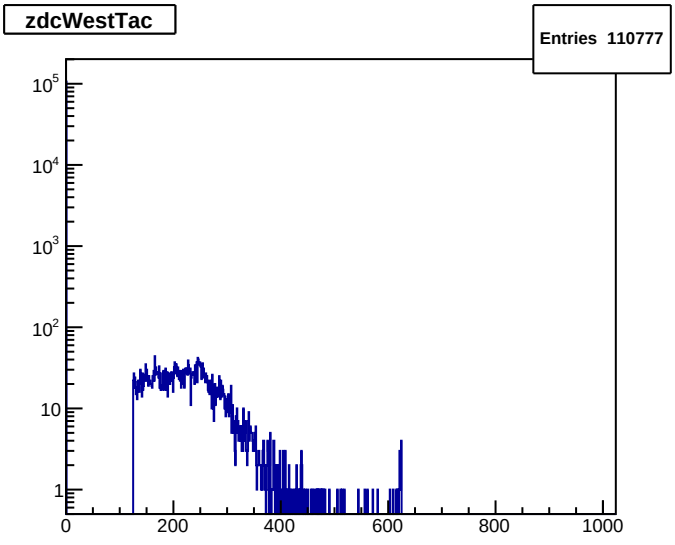

vpdWestAdcSumVsSimu
Entries 88156
Data
Simu

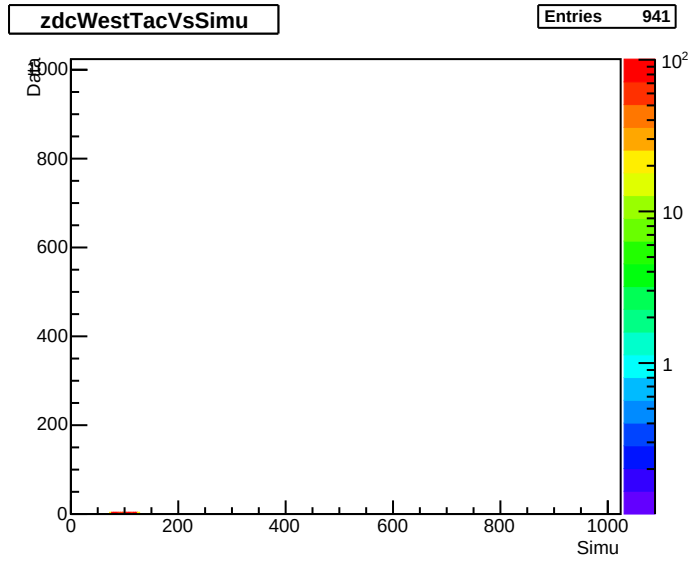

vpdWestTacMax
Entries 110777

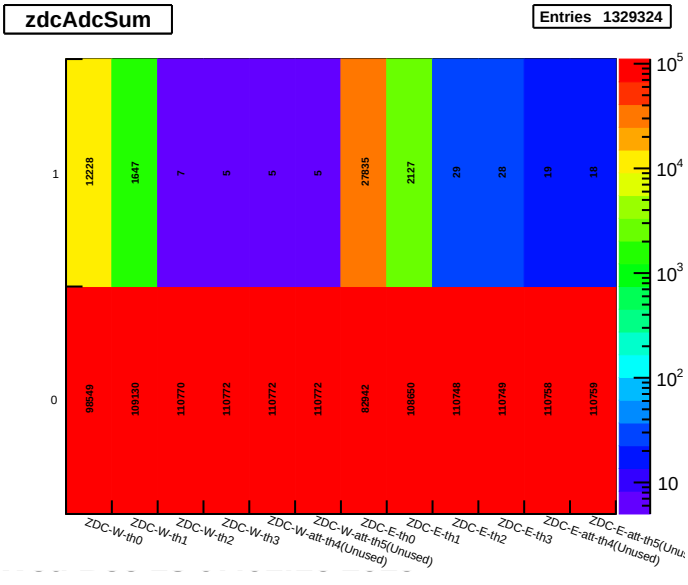

vpdWestTacMaxVsSimu
Entries 88156
Data
Simu

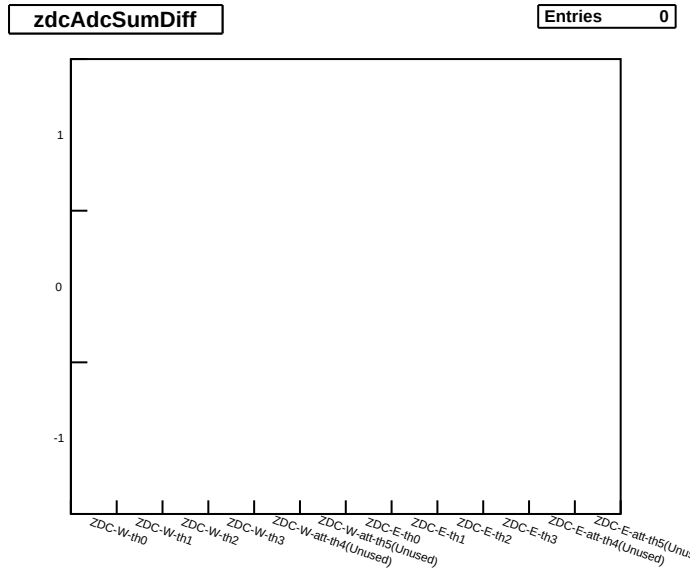

zdcEastTac
Entries 110777

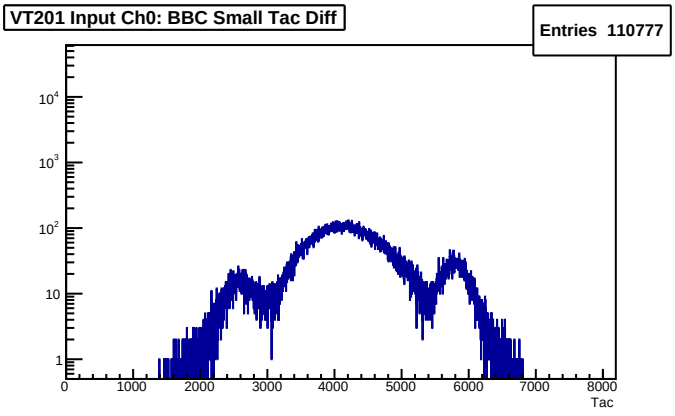

zdcEastTacVsSimu
Entries 468
Data
Simu

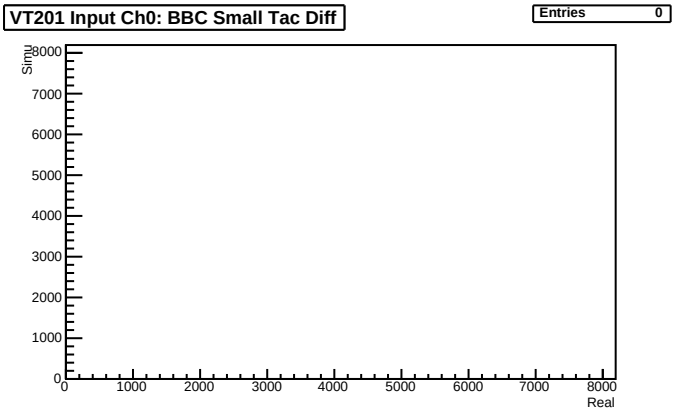

zdcWestTac
Entries 110777

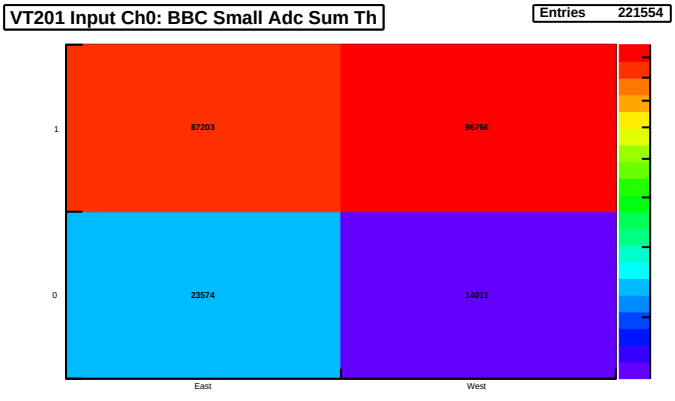

zdcWestTacVsSimu
Entries 941
Data
Simu

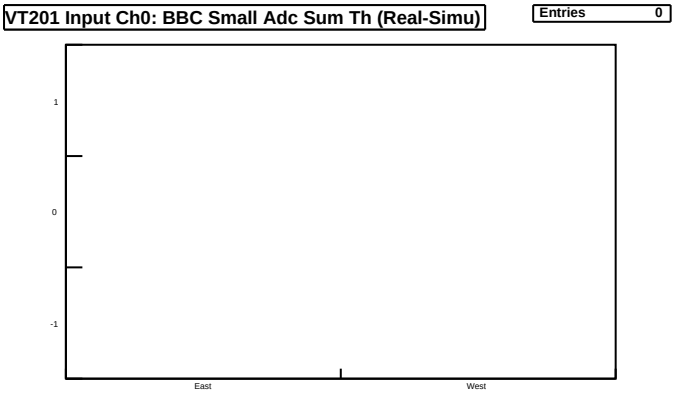

zdcAdcSum
Entries 1329324
12228
1647
7
5
5
5
27835
2127
29
28
19
18
98549
109130
110770
110772
110772
110772
82942
108660
110748
110749
110758
110759
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

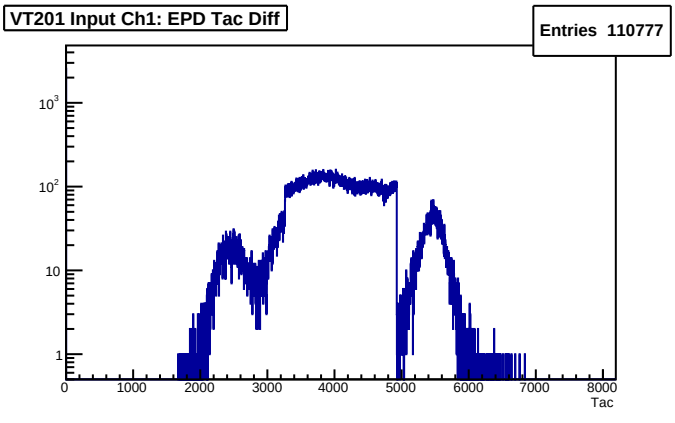

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

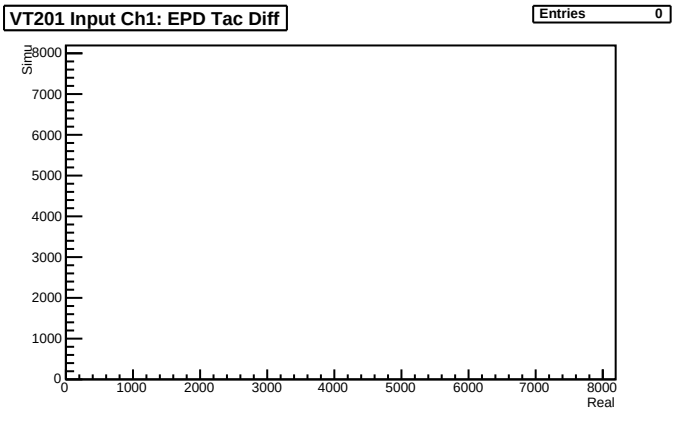

VT201 Input Ch0: BBC Small Tac Diff
Entries 110777
Tac

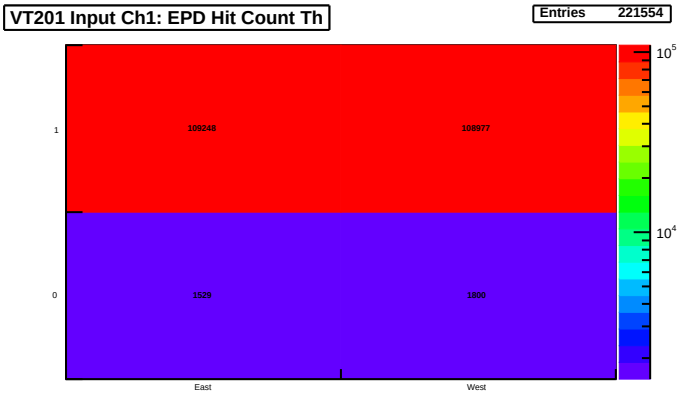

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

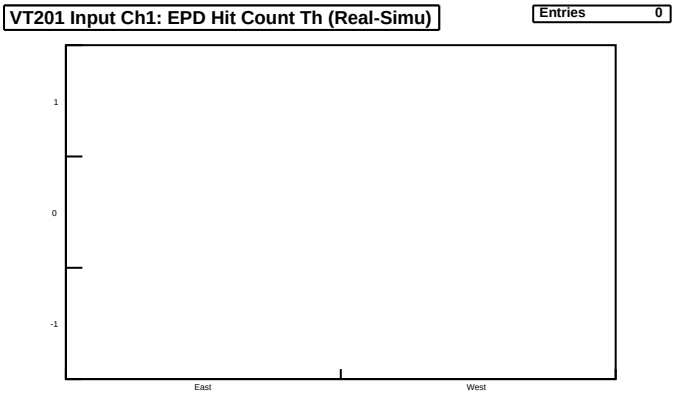

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 221554
87203
96766
23574
14011
East
West

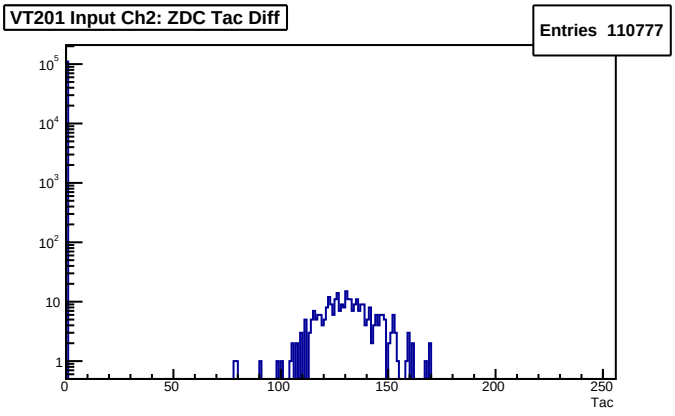

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

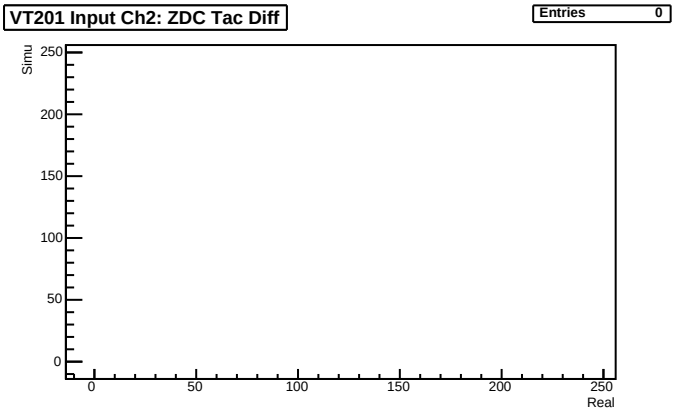

VT201 Input Ch1: EPD Tac Diff
Entries 110777
Tac

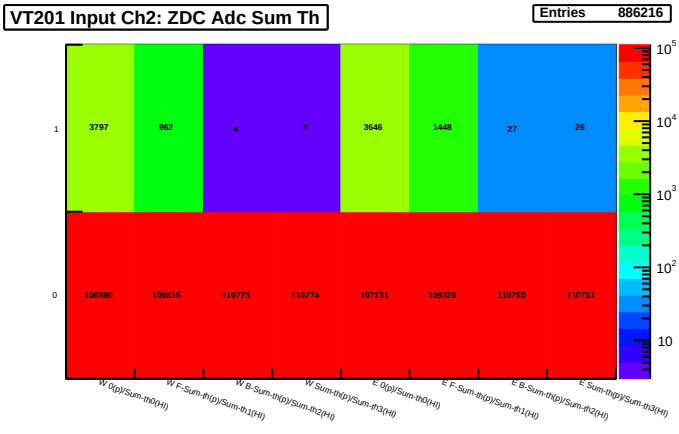

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

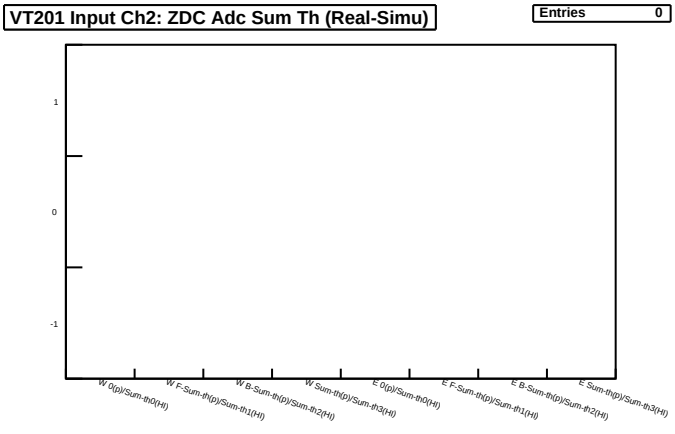

VT201 Input Ch1: EPD Hit Count Th
Entries 221554
109248
108977
1529
1900
East
West

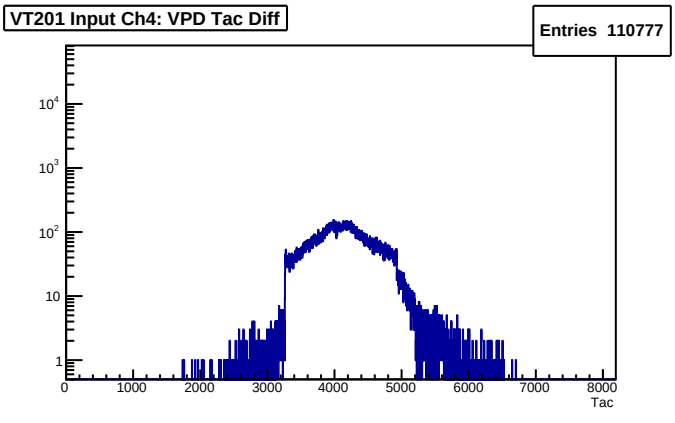

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

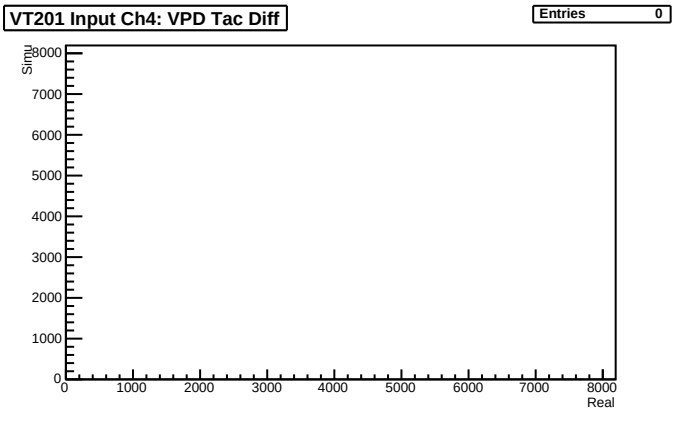

VT201 Input Ch2: ZDC Tac Diff
Entries 110777
Tac

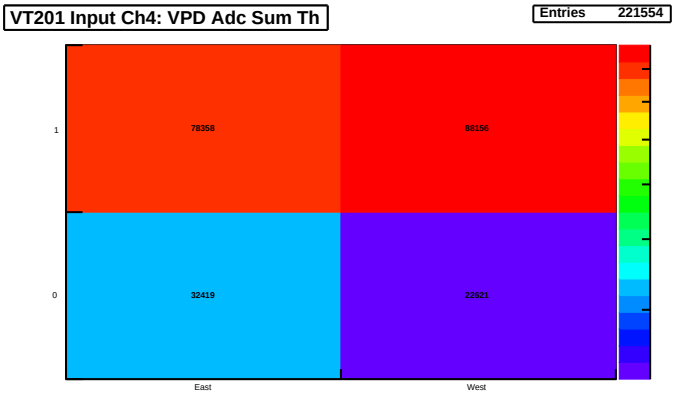

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

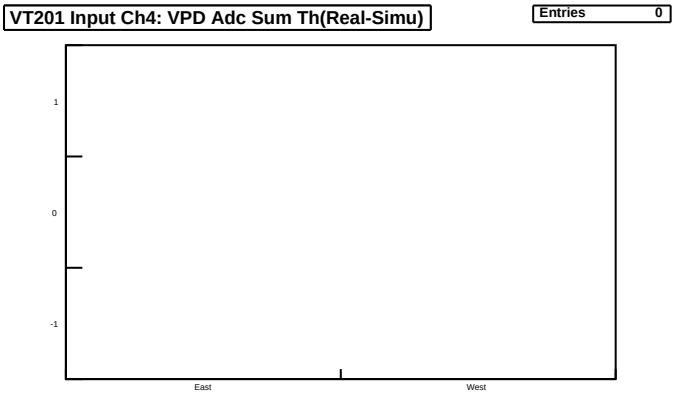

VT201 Input Ch2: ZDC Adc Sum Th
Entries 886216
3797
962
4
3
3646
1448
27
26
106980
109815
110773
110774
107131
109329
110750
110751
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

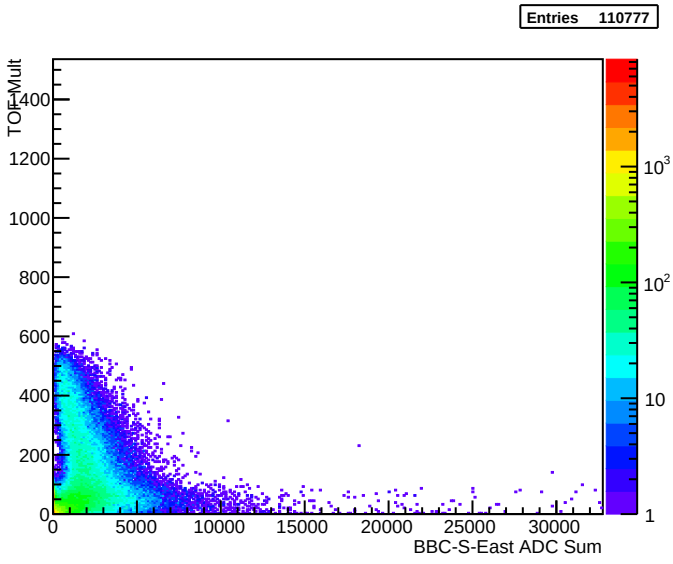

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

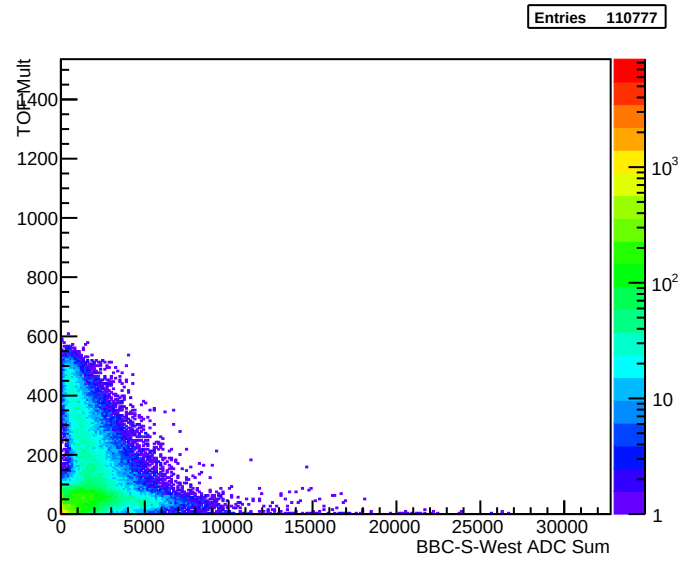

VT201 Input Ch4: VPD Tac Diff
Entries 110777
Tac

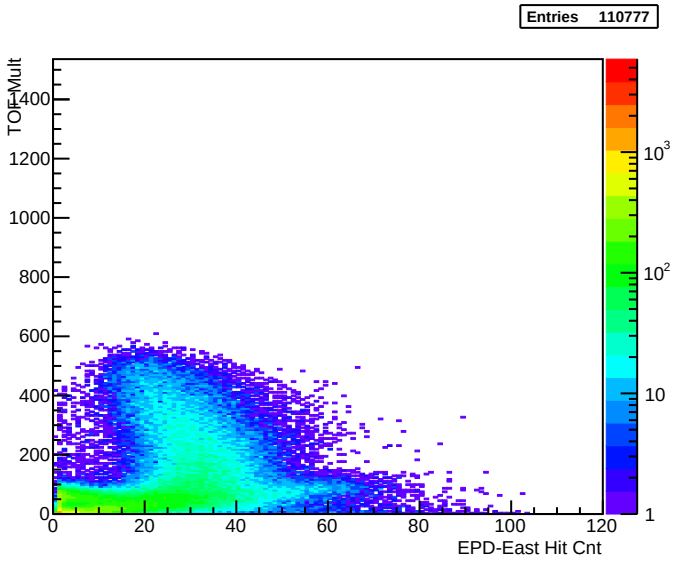

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

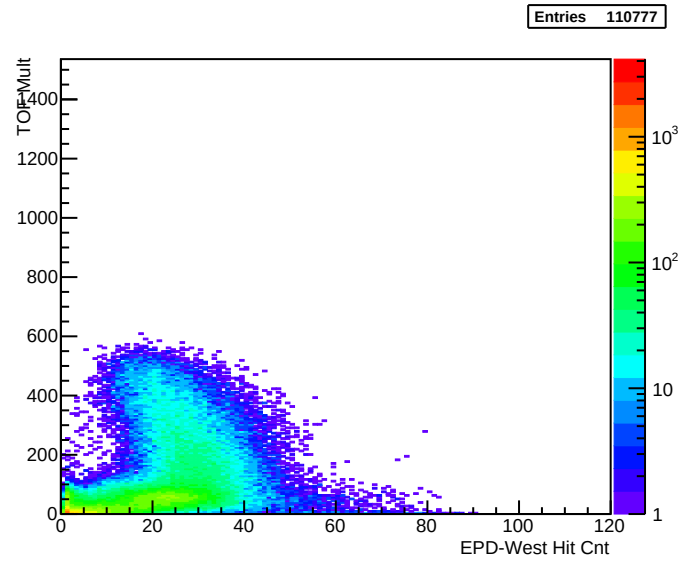

VT201 Input Ch4: VPD Adc Sum Th
Entries 221554
78358
88156
32419
22621
East
West

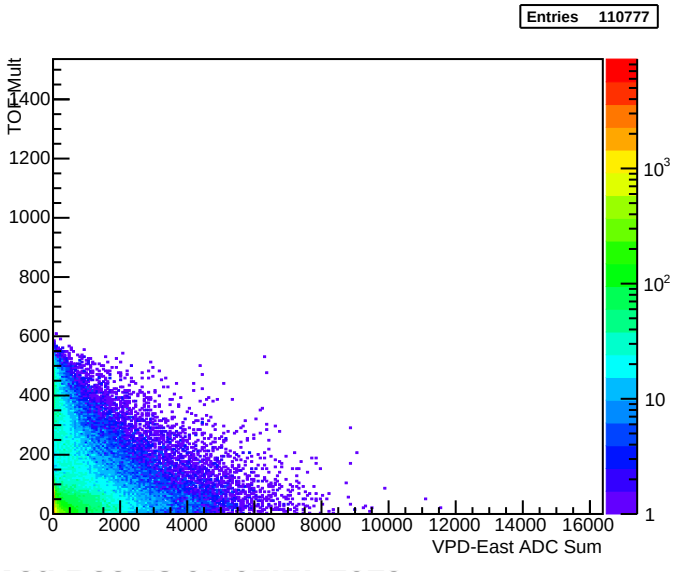

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

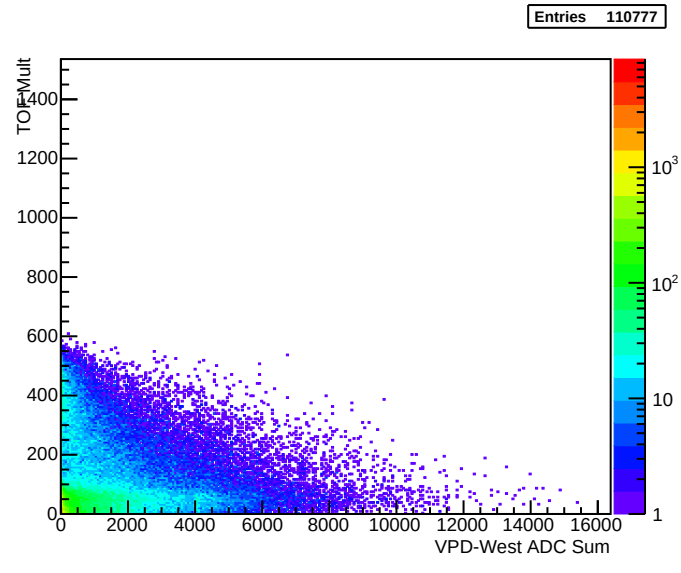

Entries 110777
TOF-Mult
BBC-S-East ADC Sum

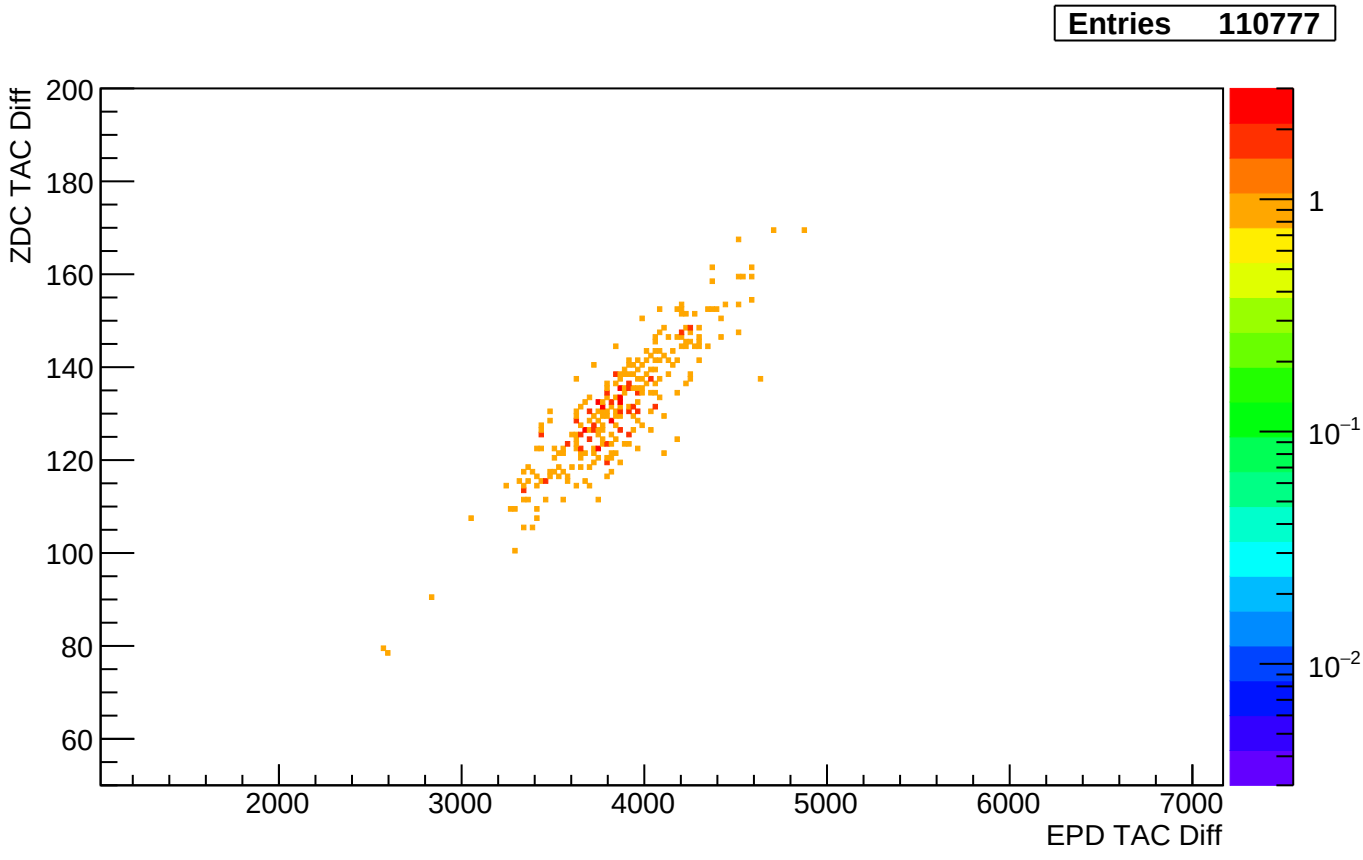

Entries 110777
TOF-Mult
BBC-S-West ADC Sum

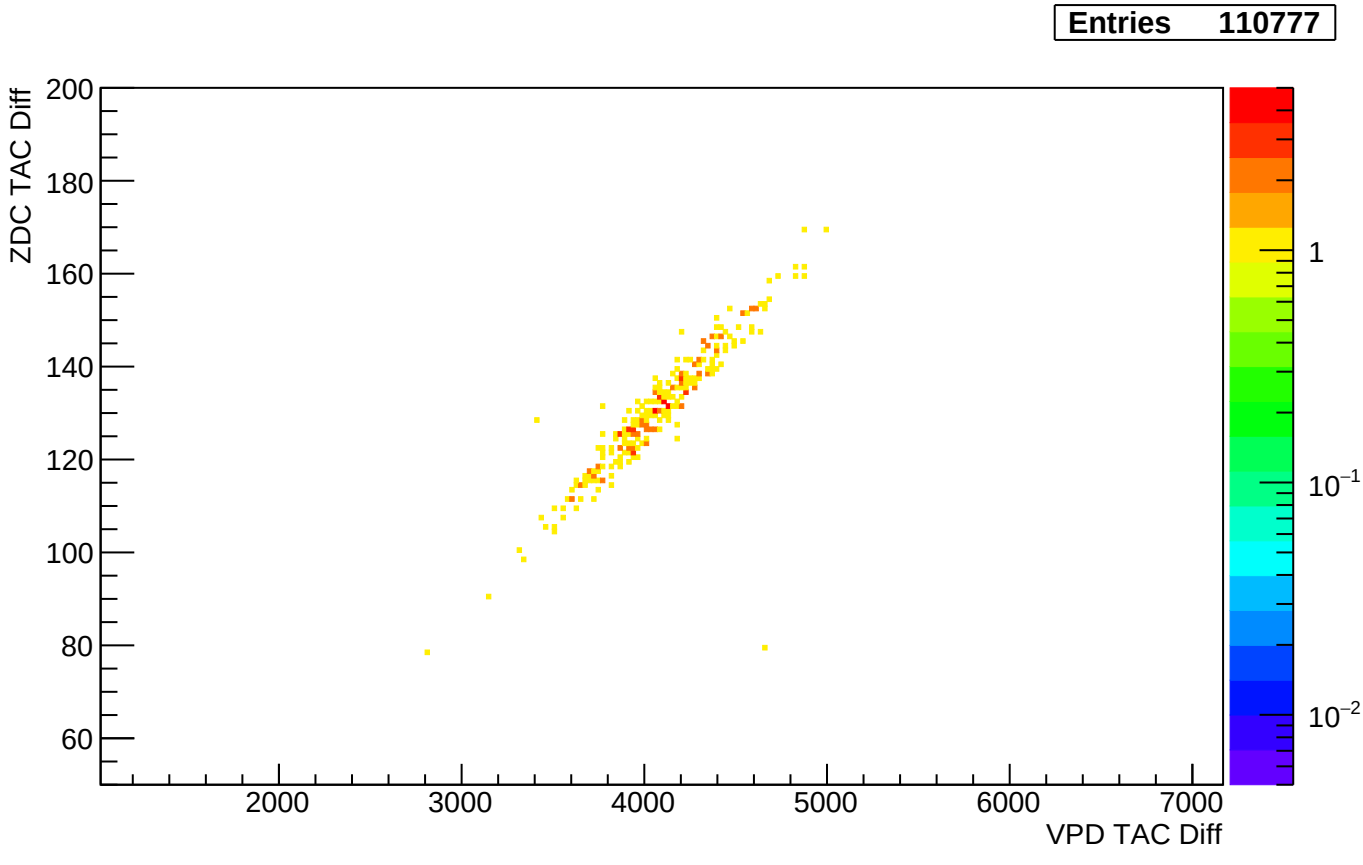

Entries 110777
TOF-Mult
EPD-East Hit Cnt

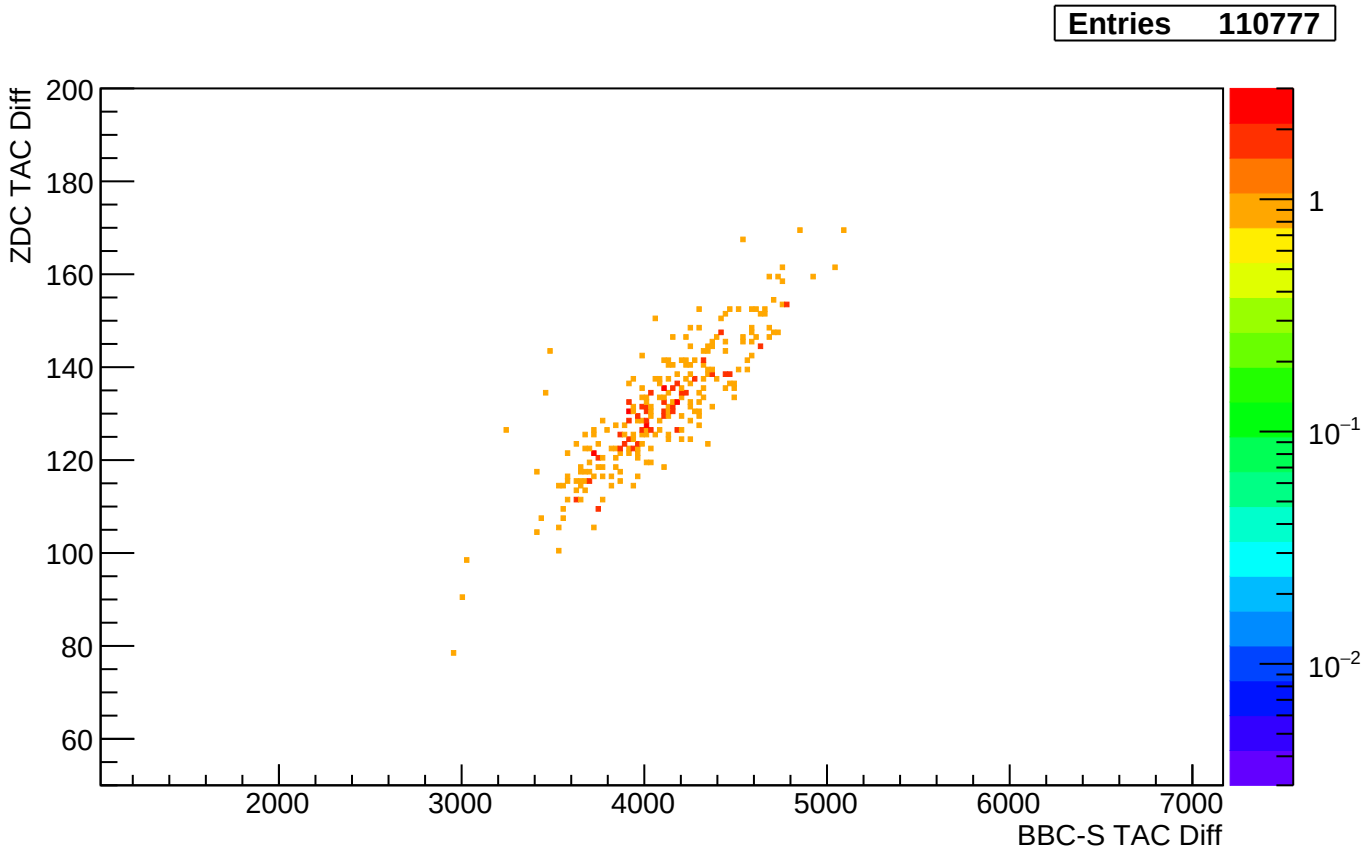

Entries 110777
TOF-Mult
EPD-West Hit Cnt

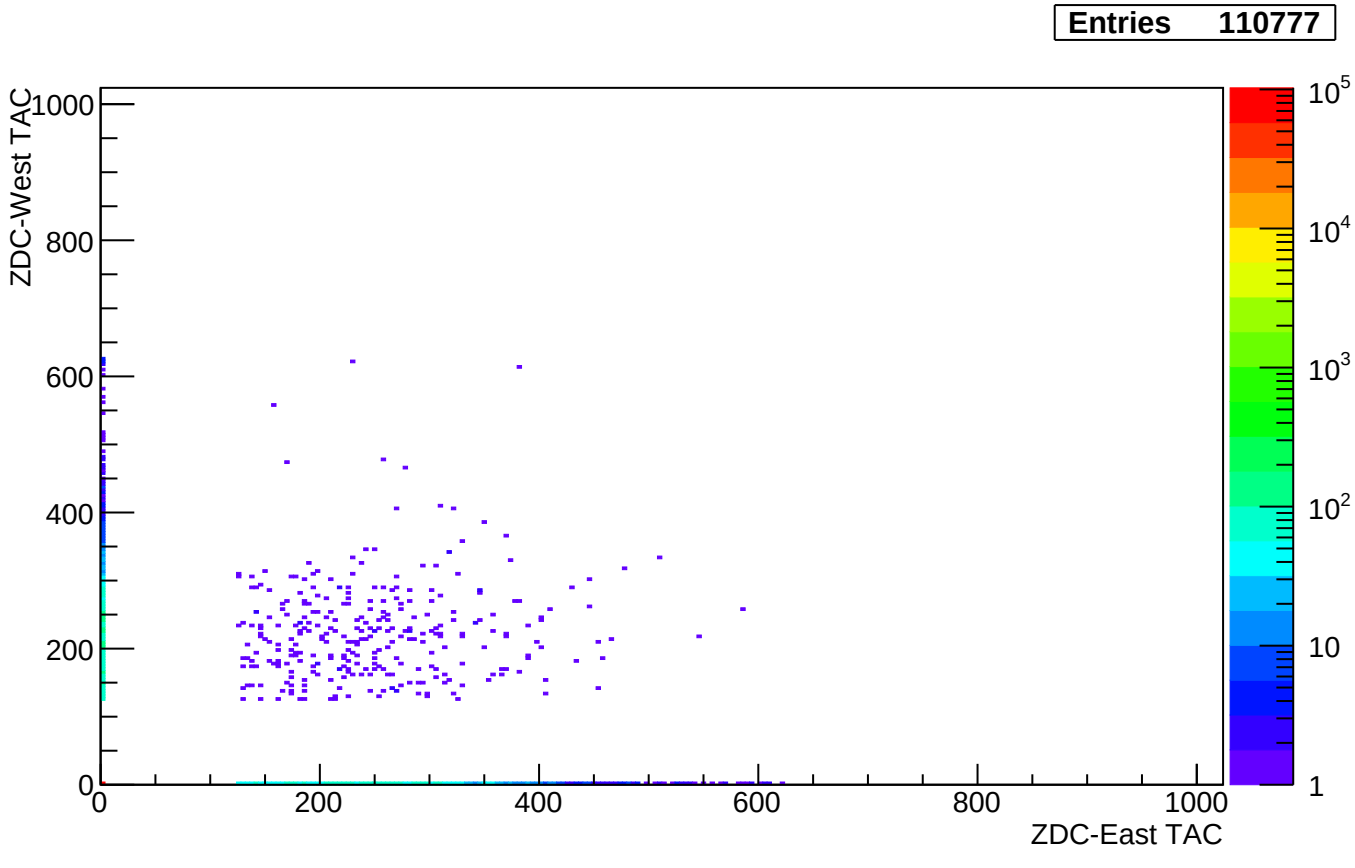

Entries 110777
TOF-Mult
VPD-East ADC Sum

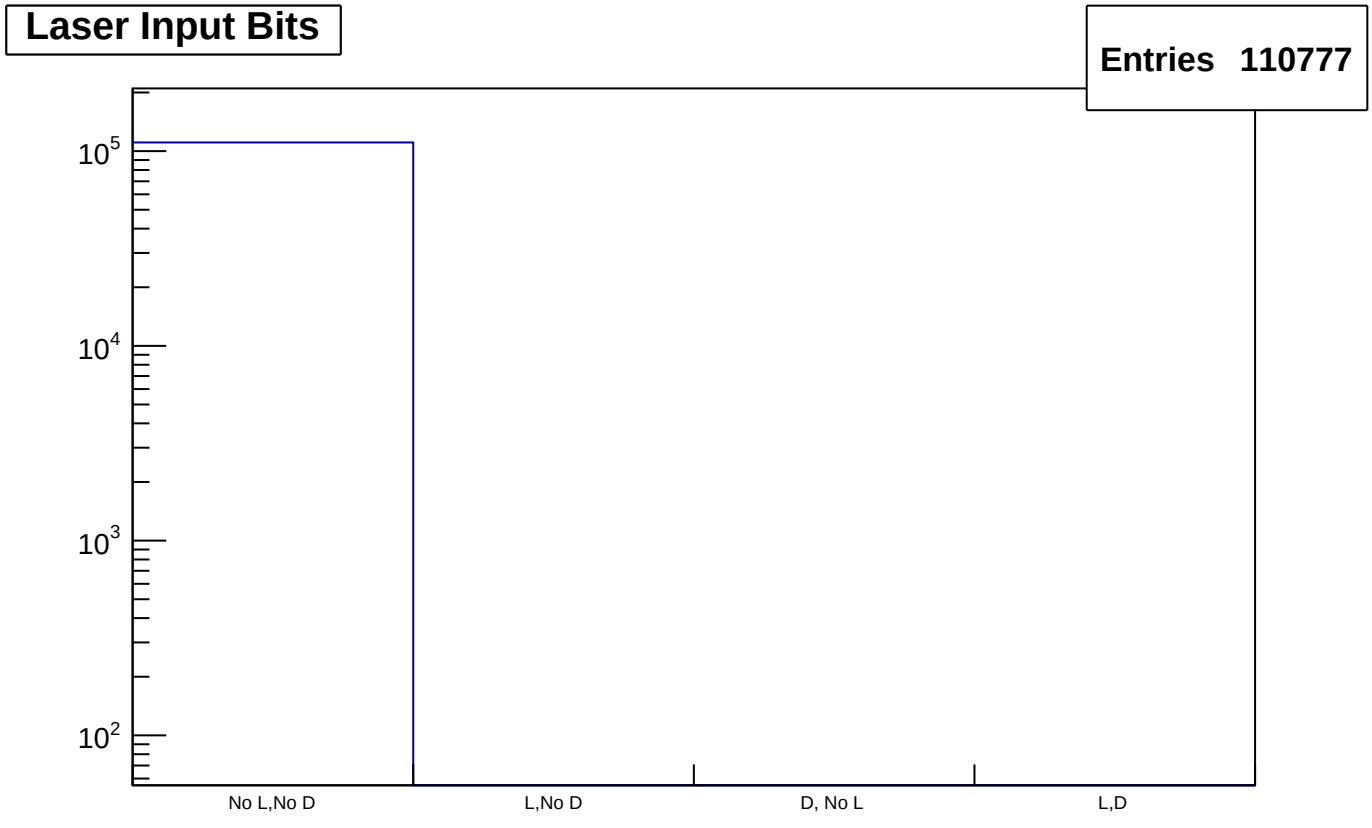

Entries 110777
TOF-Mult
VPD-West ADC Sum

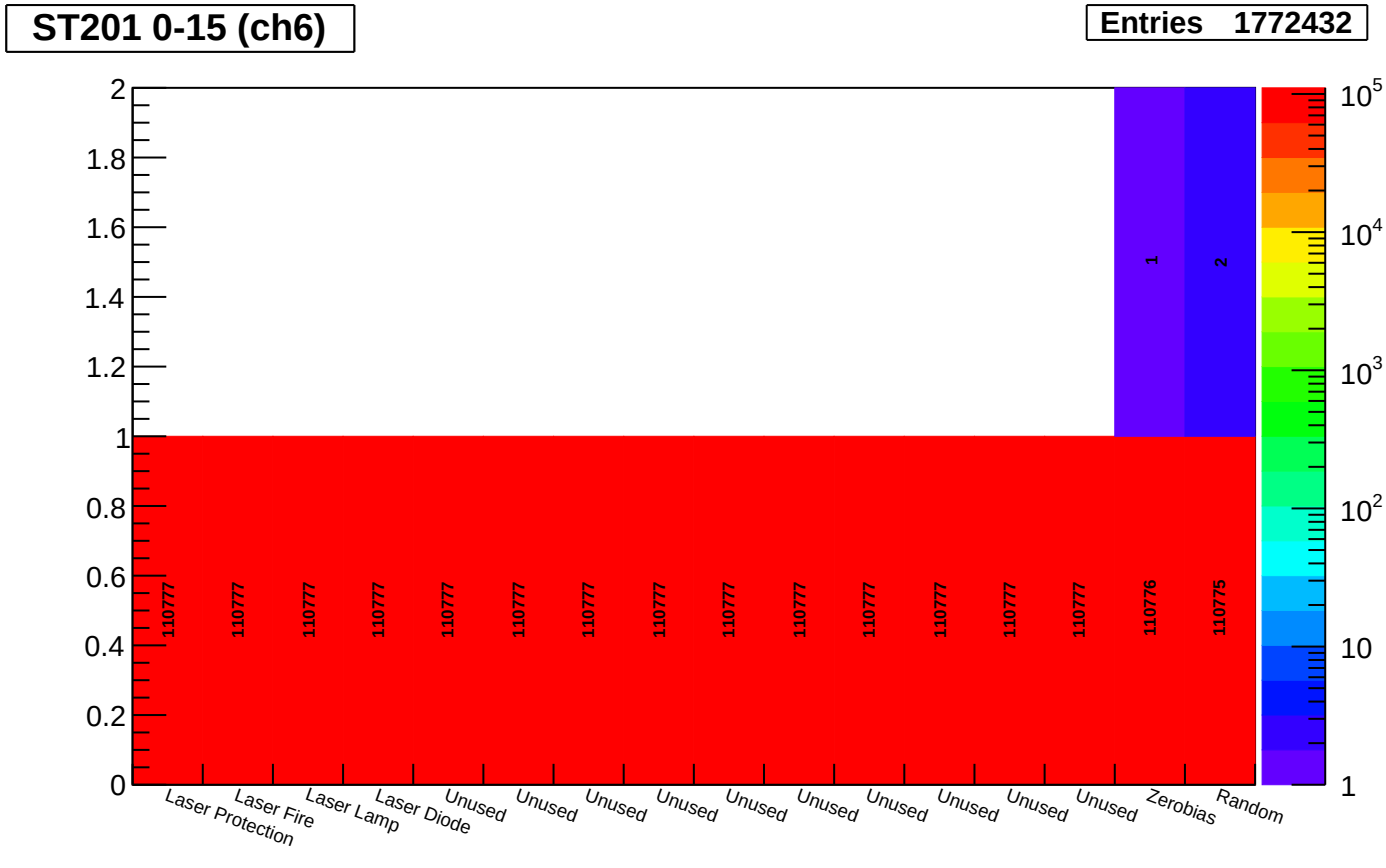

Entries 110777
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

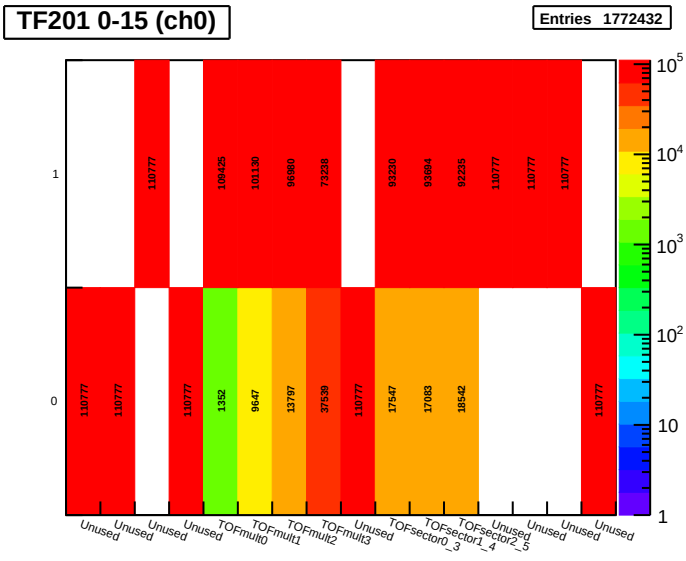

Entries 110777
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

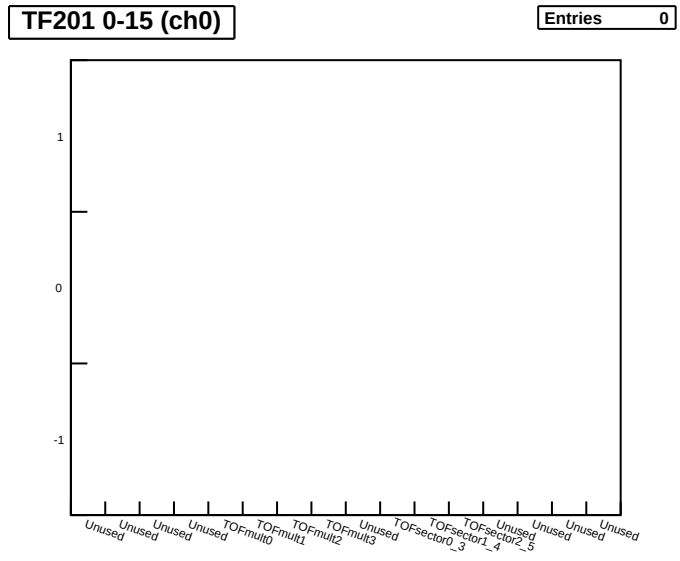

Entries 110777
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

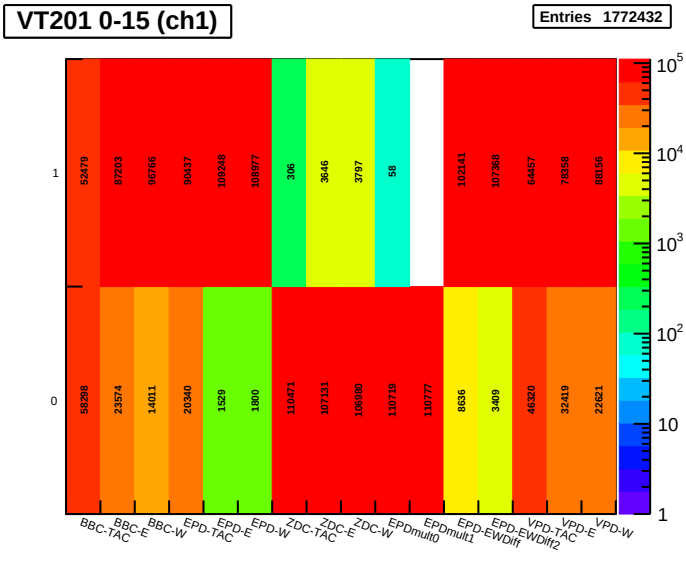

Entries 110777
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

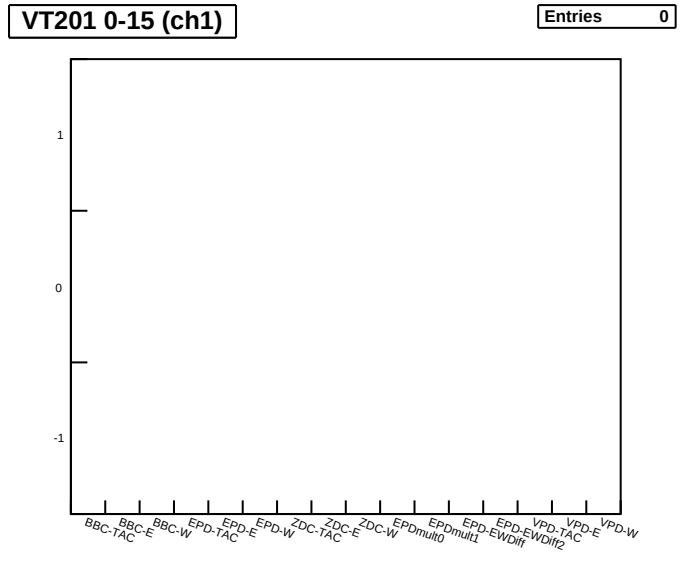

Laser Input Bits
Entries 110777
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

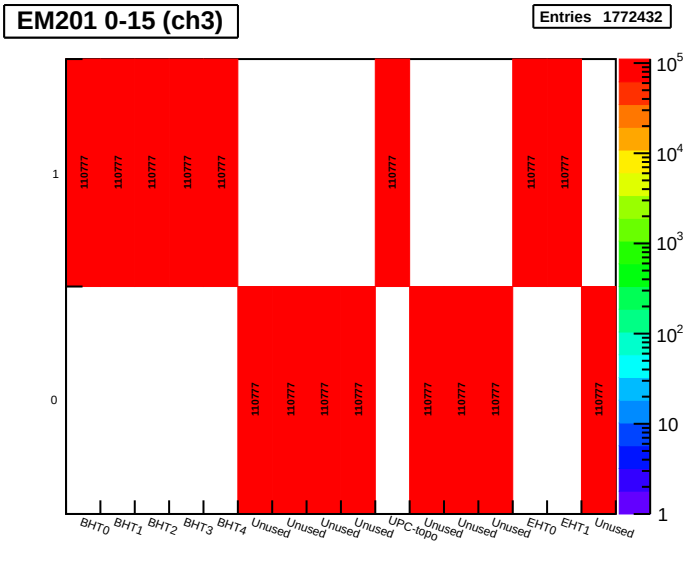

ST201 0-15 (ch6)
Entries 1772432
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
110777
110776
110775
1
2
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

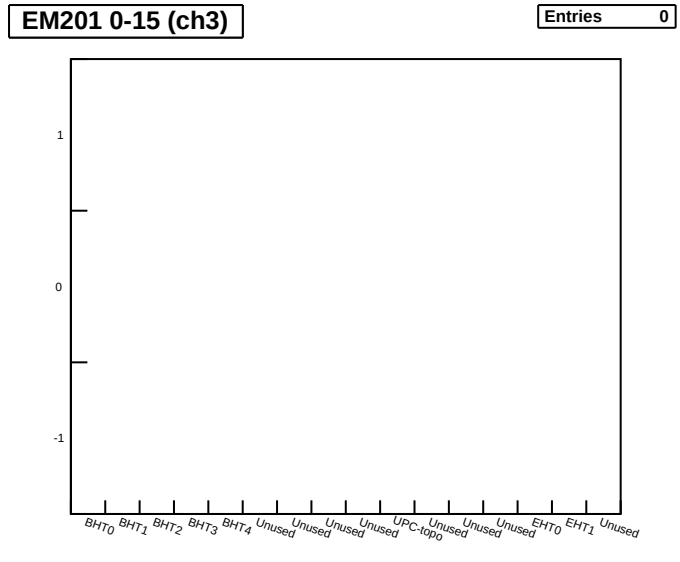

TF201 0-15 (ch0)
Entries 1772432
1
0
110777
109425
100130
96980
73238
93230
93894
92235
110777
110777
110777
110777
110777
1352
9647
13797
37539
17547
17083
18542
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 1772432
1
0
52479
87203
95766
90437
109248
108977
306
3646
3797
58
102141
107368
64457
78358
88156
58298
23574
14011
20340
1529
1800
110471
107131
106980
110719
110777
8636
3409
46320
32419
22621
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 1772432
1
0
110777
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