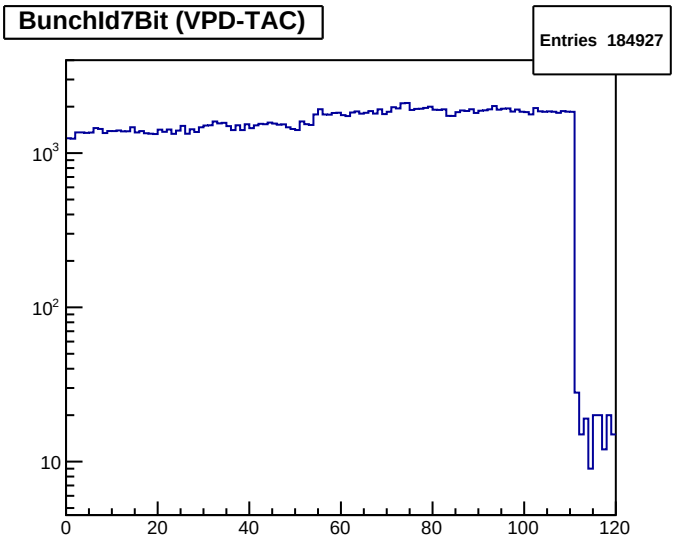
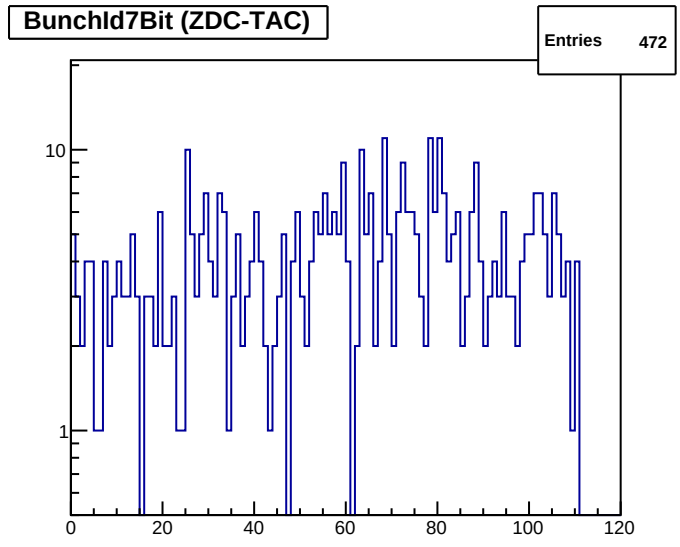
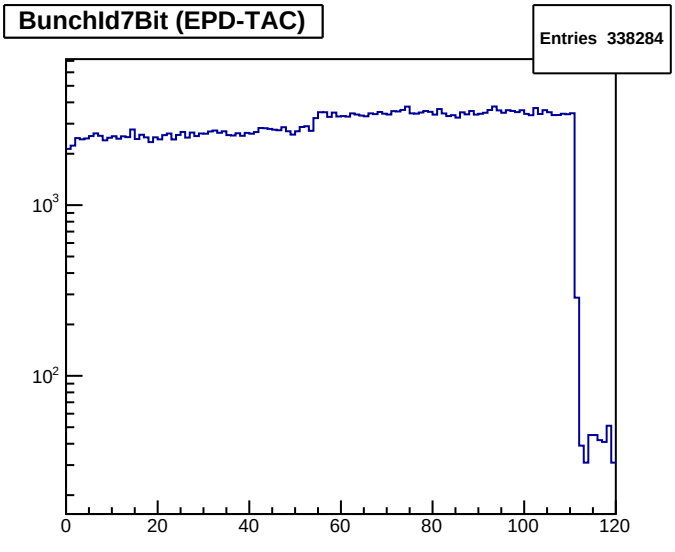
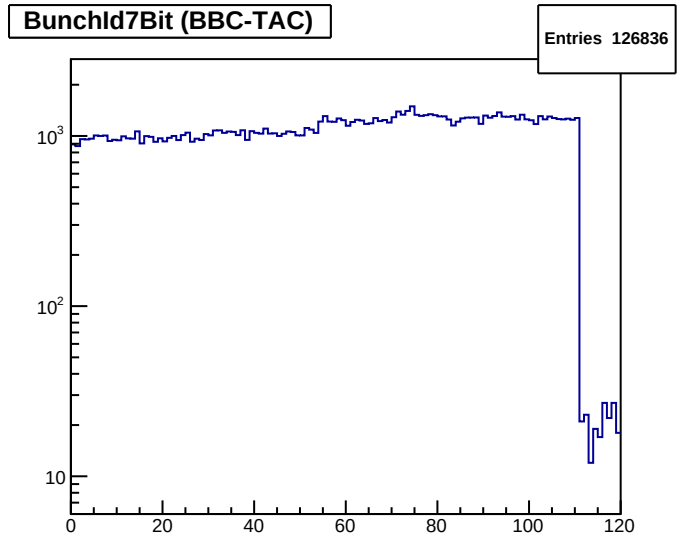
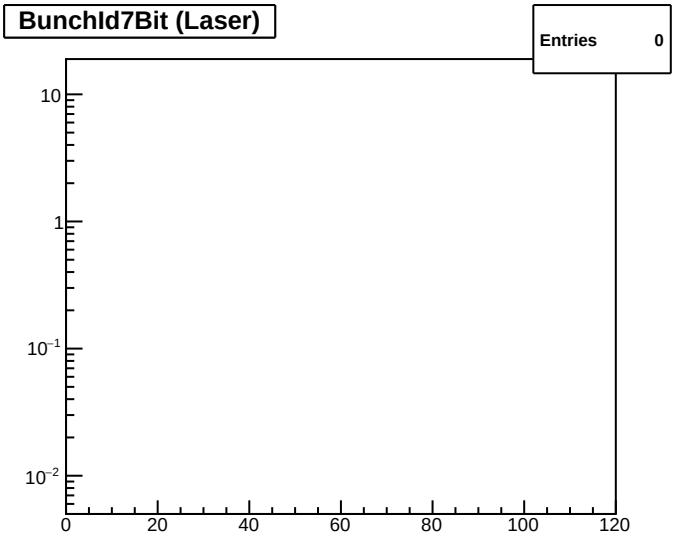
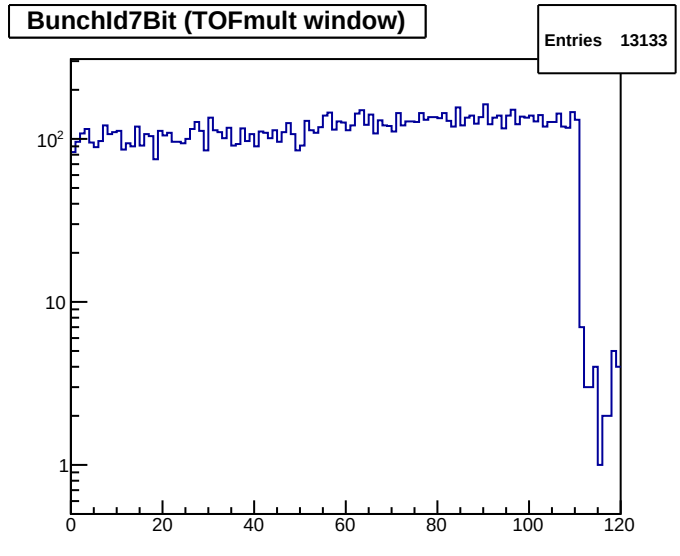

BunchId7Bit (VPD-TAC)
Entries 184927

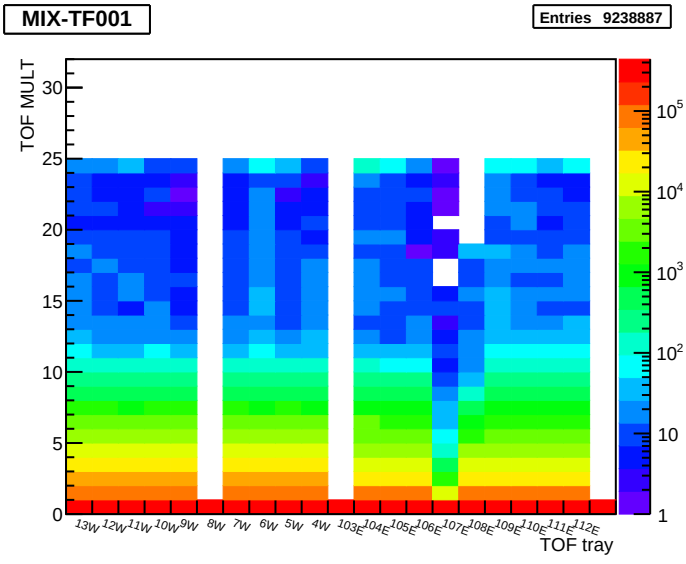

BunchId7Bit (ZDC-TAC)
Entries 472

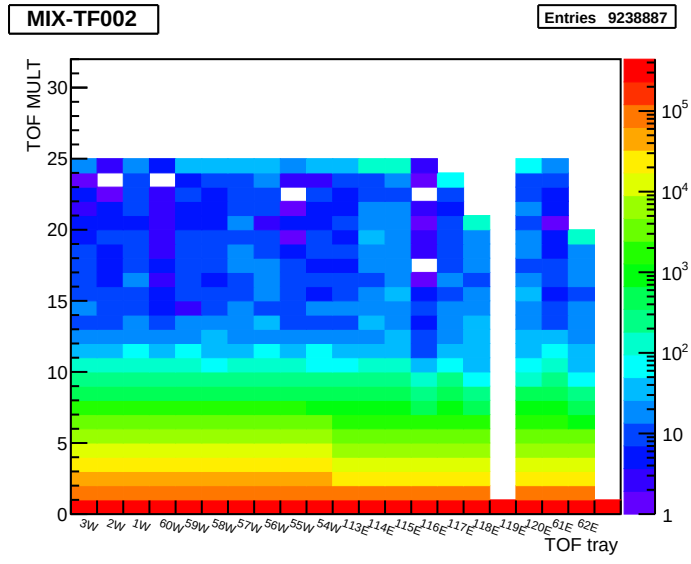

BunchId7Bit (EPD-TAC)
Entries 338284

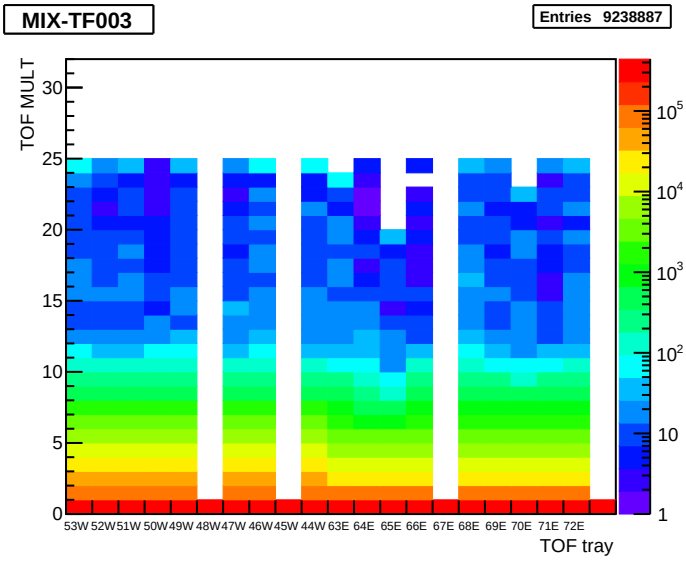

BunchId7Bit (BBC-TAC)
Entries 126836

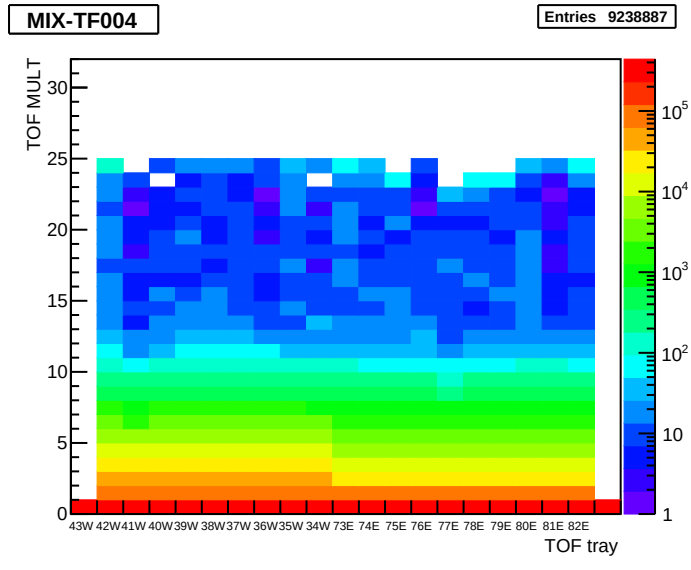

BunchId7Bit (Laser)
Entries 0

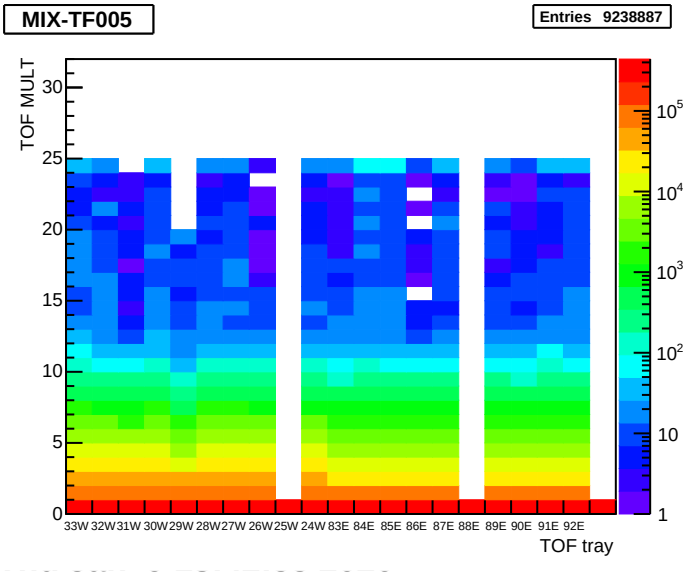

BunchId7Bit (TOFmult window)
Entries 13133

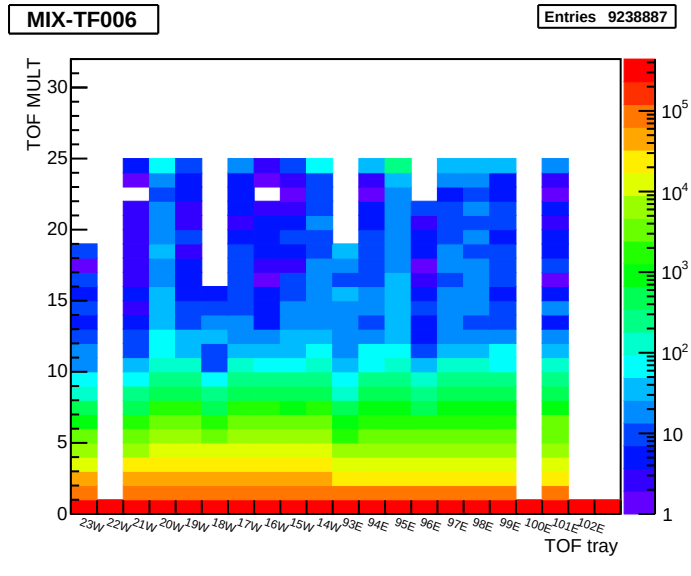

MIX-TF001
Entries 9238887
TOF MULT
TOF tray

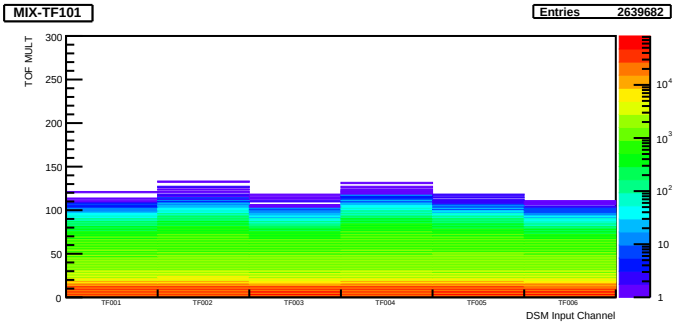

MIX-TF002
Entries 9238887
TOF MULT
TOF tray

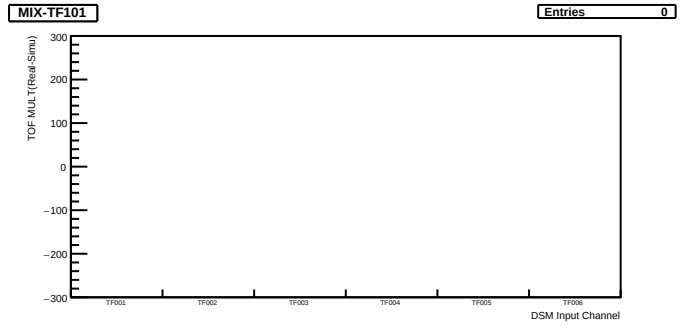

MIX-TF003
Entries 9238887
TOF MULT
TOF tray

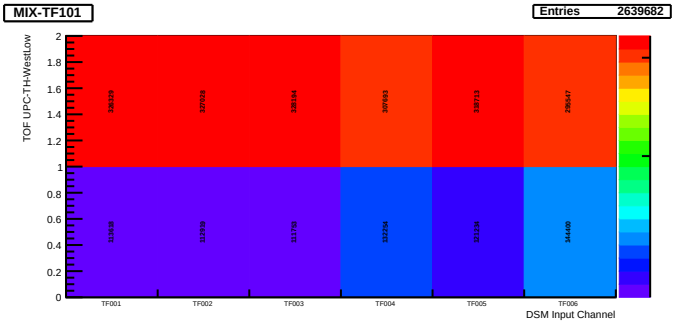

MIX-TF004
Entries 9238887
TOF MULT
TOF tray

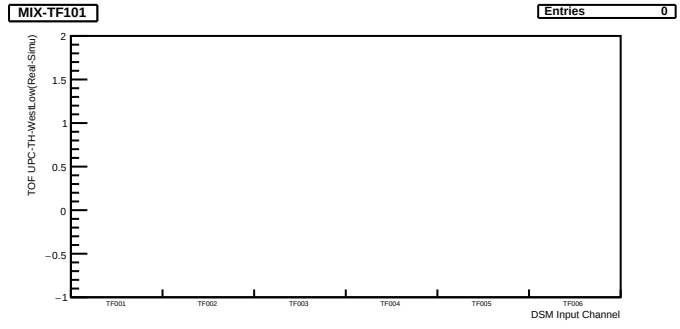

MIX-TF005
Entries 9238887
TOF MULT
TOF tray

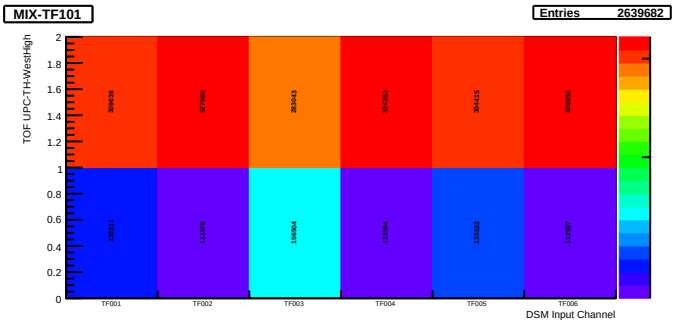

MIX-TF006
Entries 9238887
TOF MULT
TOF tray

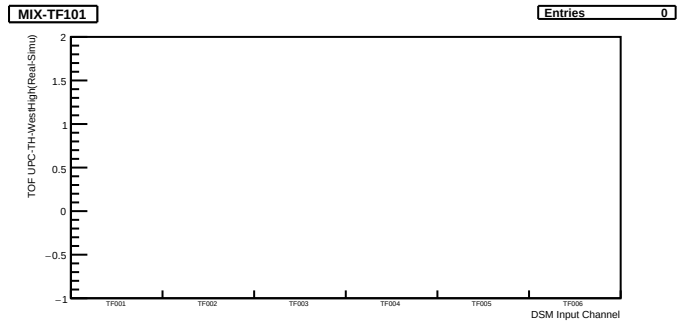

MIX-TF101
Entries 2639682
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

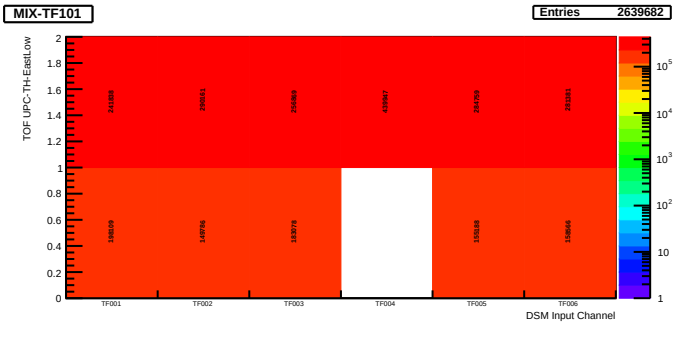

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

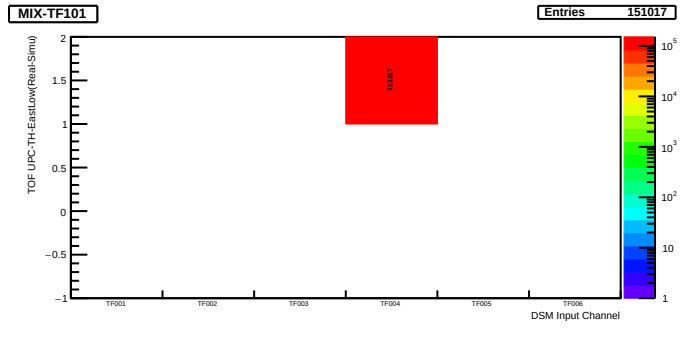

MIX-TF101
Entries 2639682
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

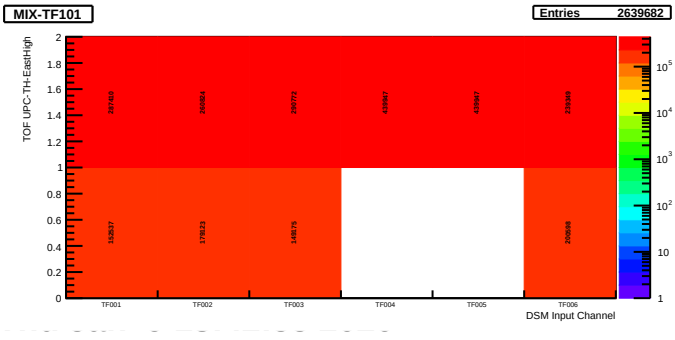

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

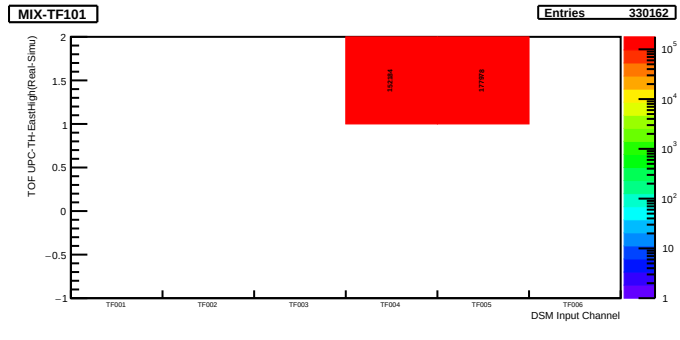

MIX-TF101
Entries 2639682
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

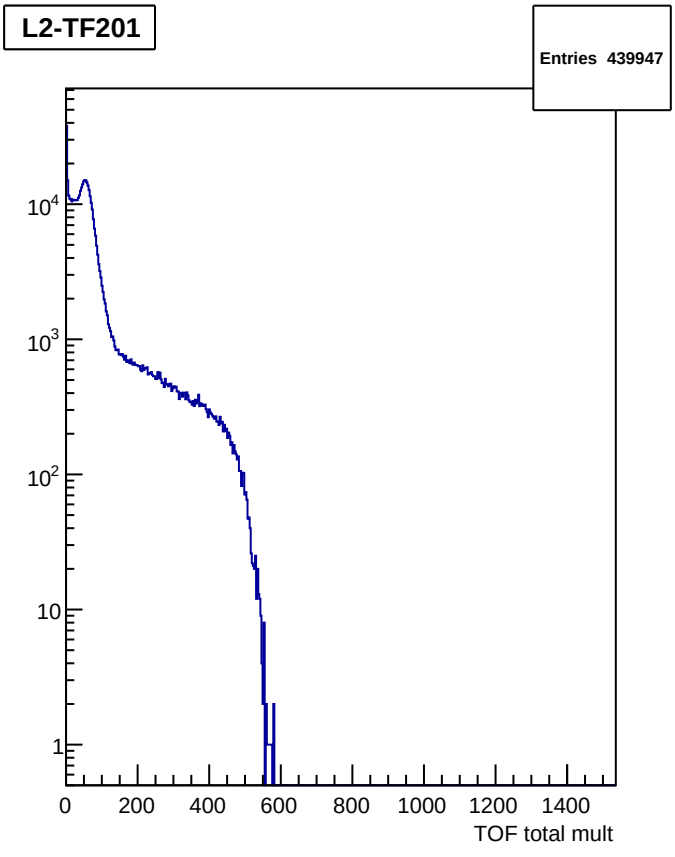

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

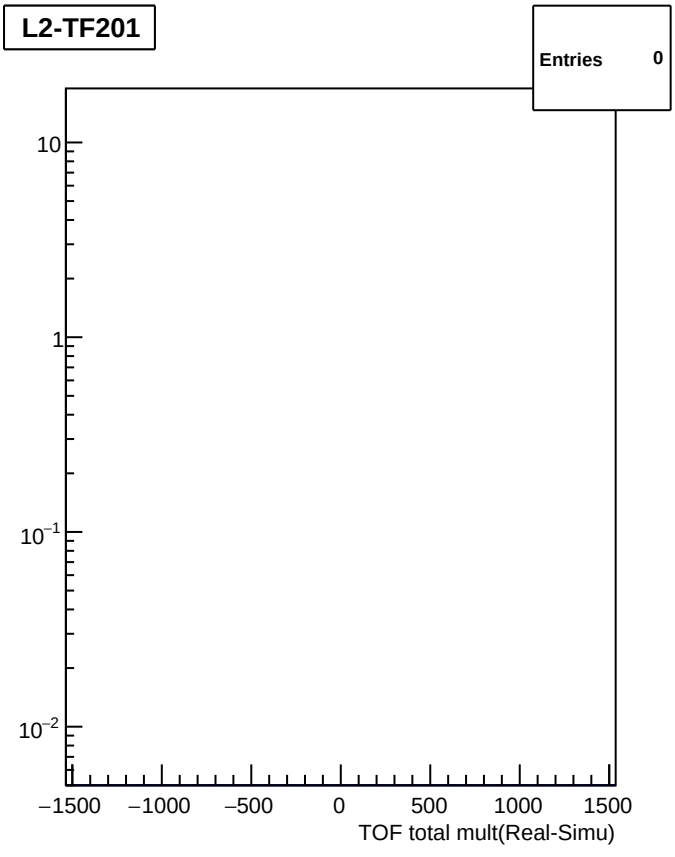

MIX-TF101
Entries 2639682
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

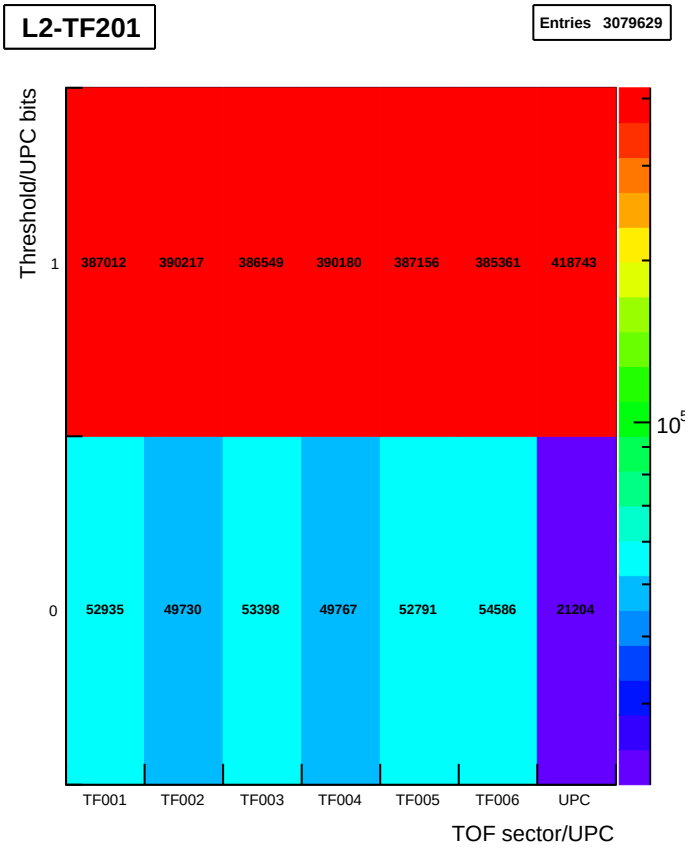

MIX-TF101
Entries 151017
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

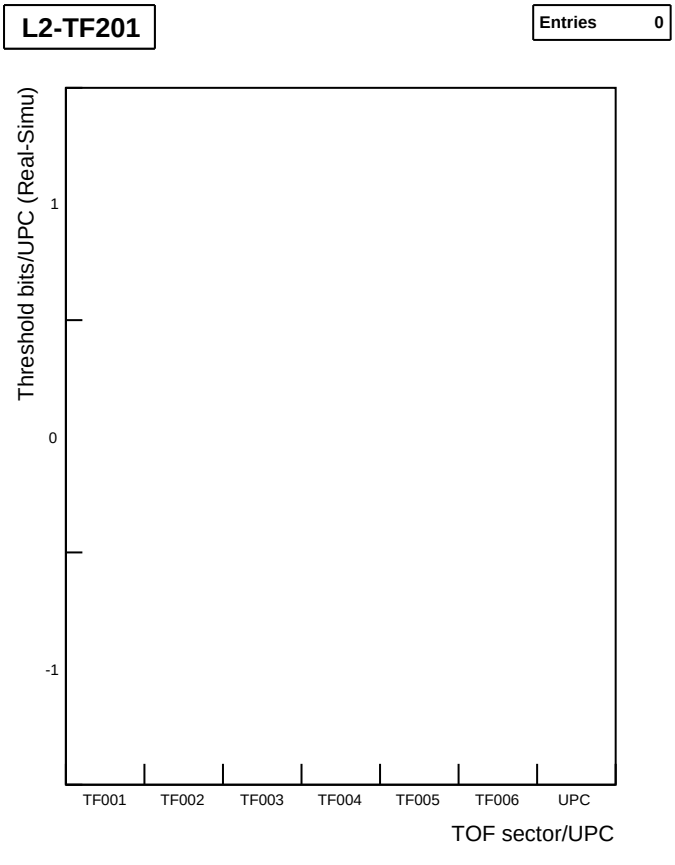

MIX-TF101
Entries 2639682
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

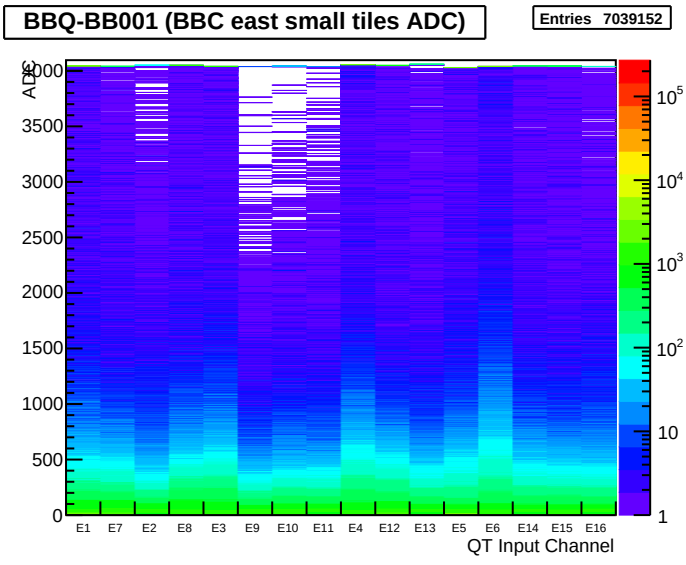

MIX-TF101
Entries 330162
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

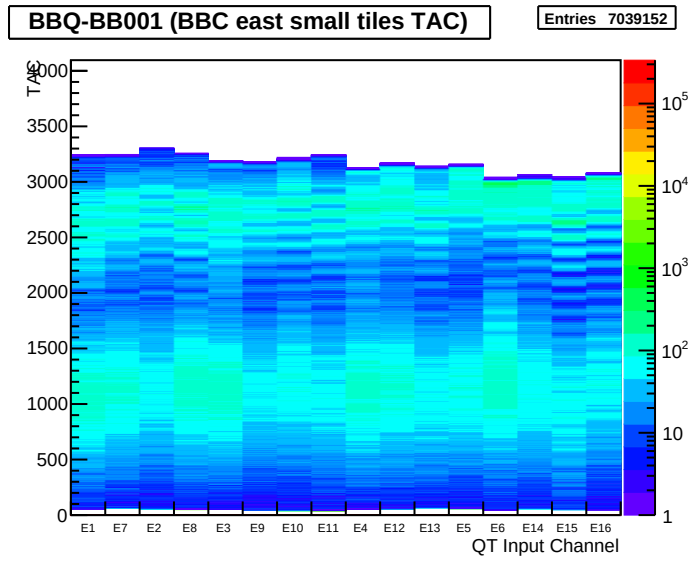

L2-TF201
Entries 439947
TOF total mult

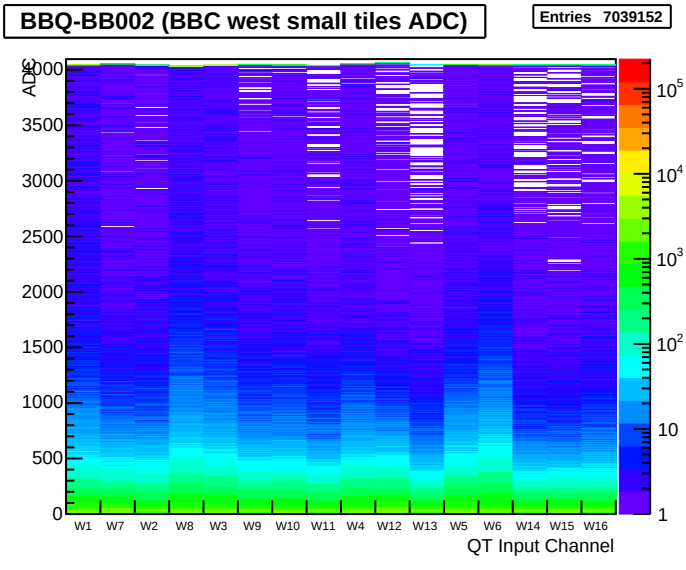

L2-TF201
Entries 0
TOF total mult(Real-Simu)

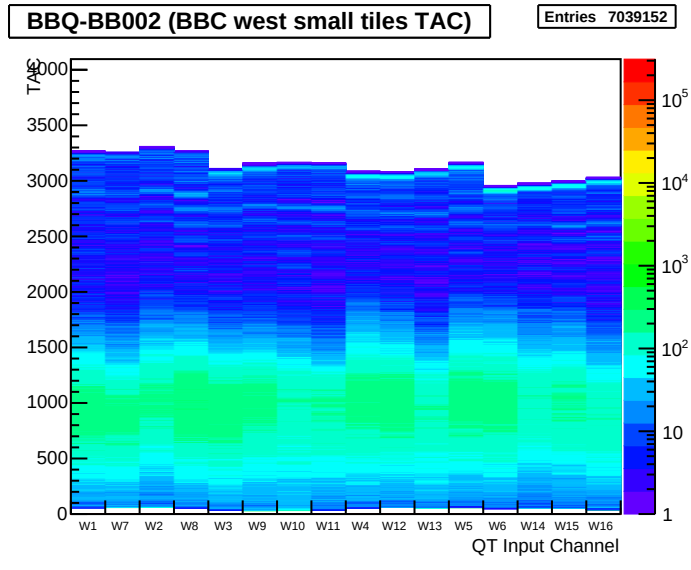

L2-TF201
Entries 3079629
Threshold/UPC bits
387012
390217
386549
390180
387156
385361
418743
52935
49730
53398
49767
52791
54586
21204
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

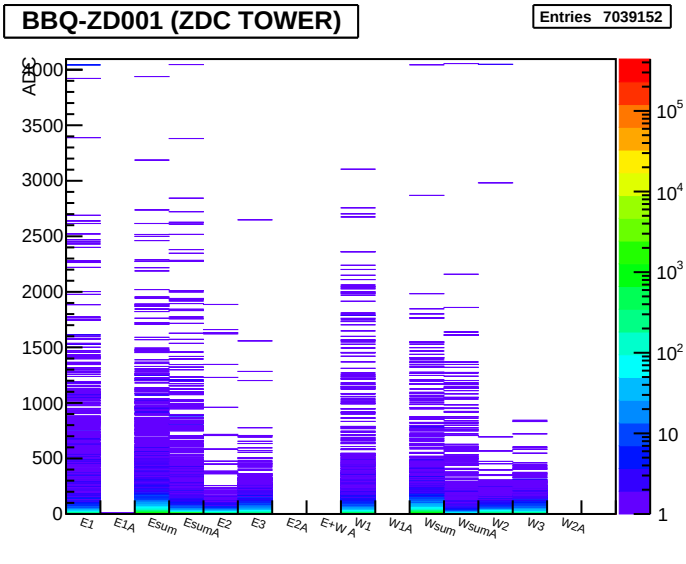

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

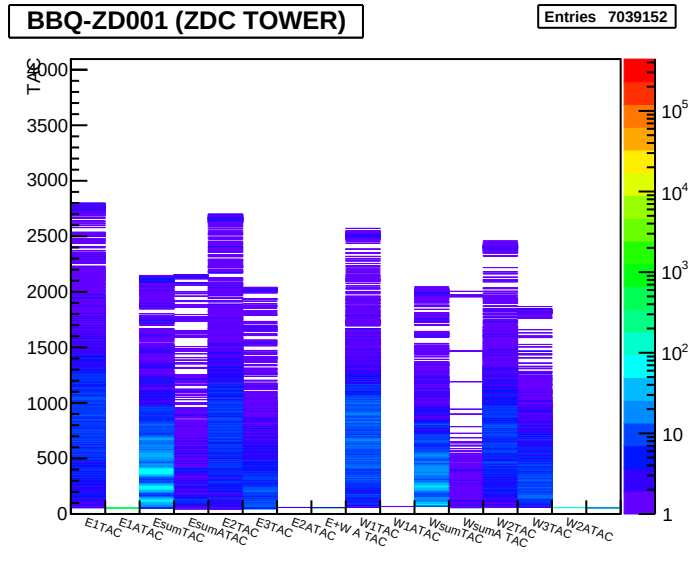

BBQ-BB001 (BBC east small tiles ADC)
Entries 7039152
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

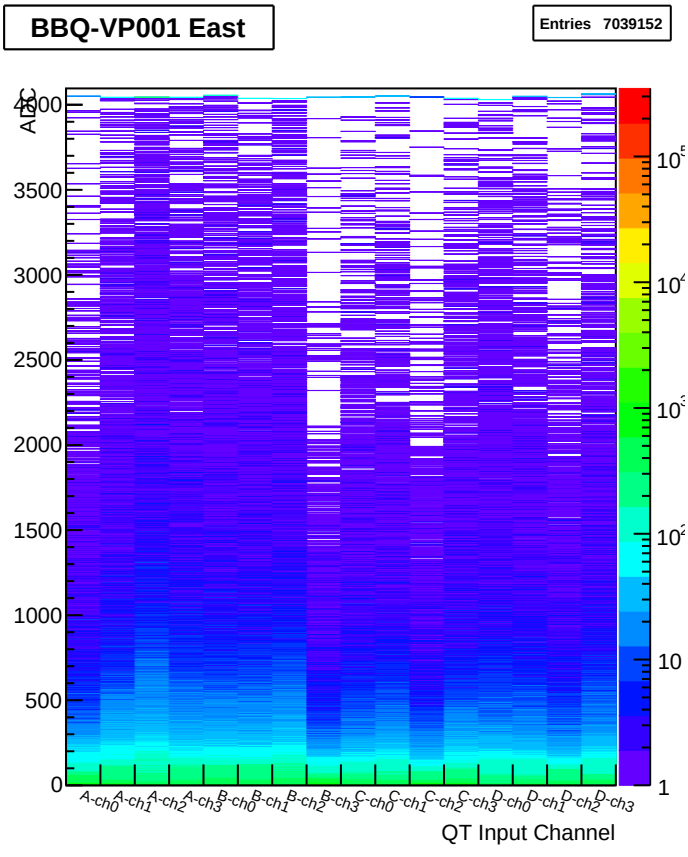

BBQ-BB001 (BBC east small tiles TAC)
Entries 7039152
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

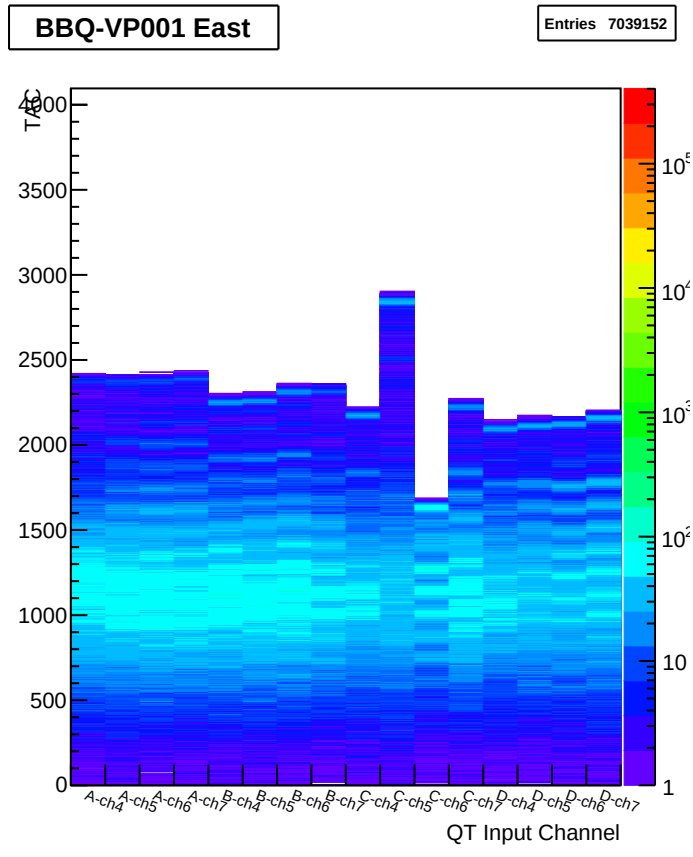

BBQ-BB002 (BBC west small tiles ADC)
Entries 7039152
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

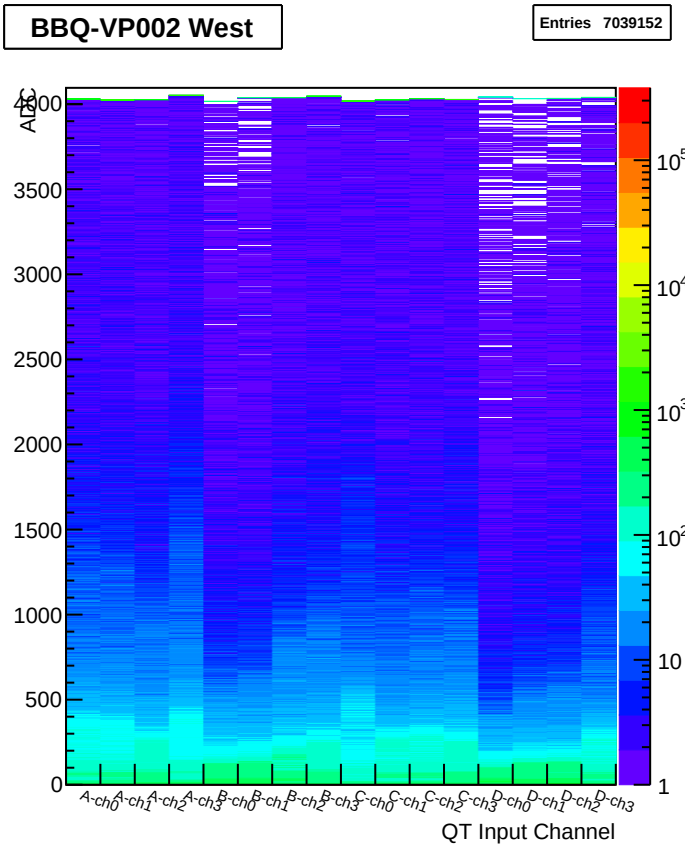

BBQ-BB002 (BBC west small tiles TAC)
Entries 7039152
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

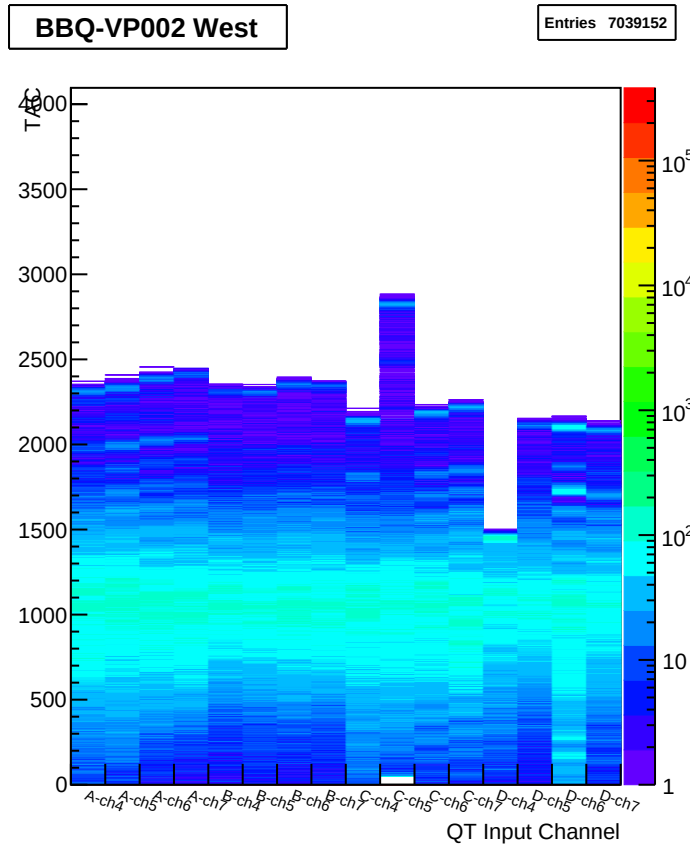

BBQ-ZD001 (ZDC TOWER)
Entries 7039152
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

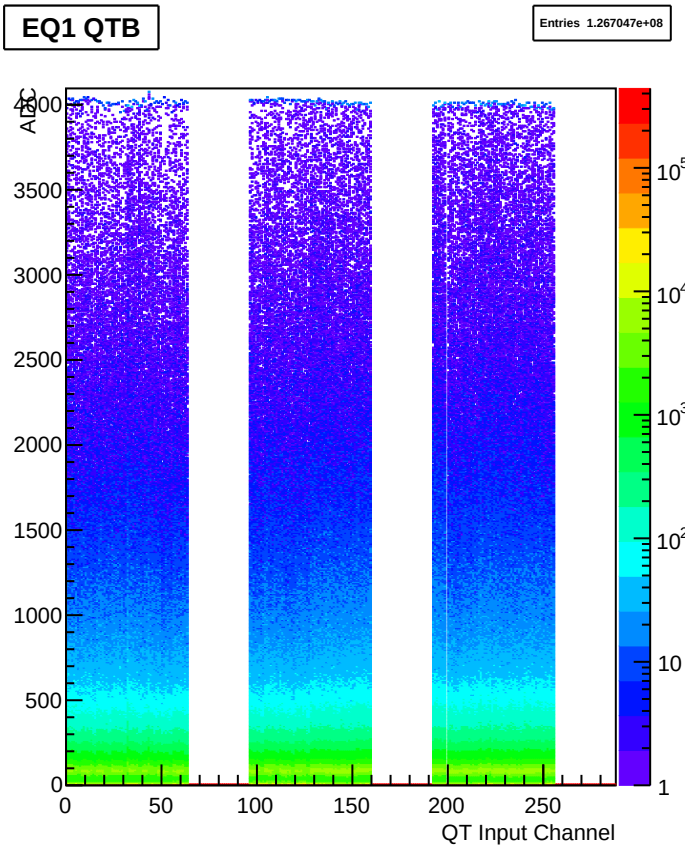

BBQ-ZD001 (ZDC TOWER)
Entries 7039152
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

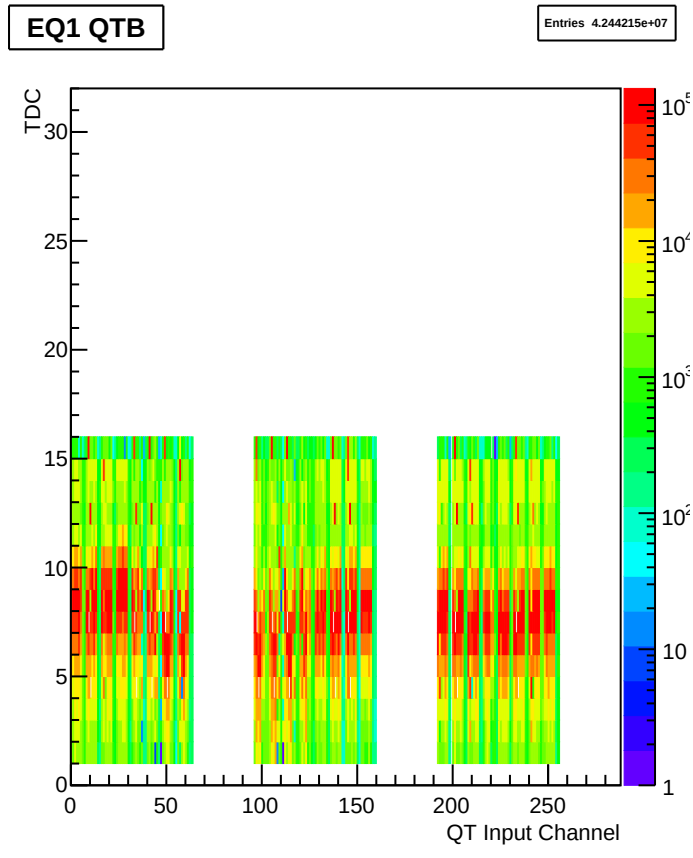

BBQ-VP001 East
Entries 7039152
ADC
QT Input Channel

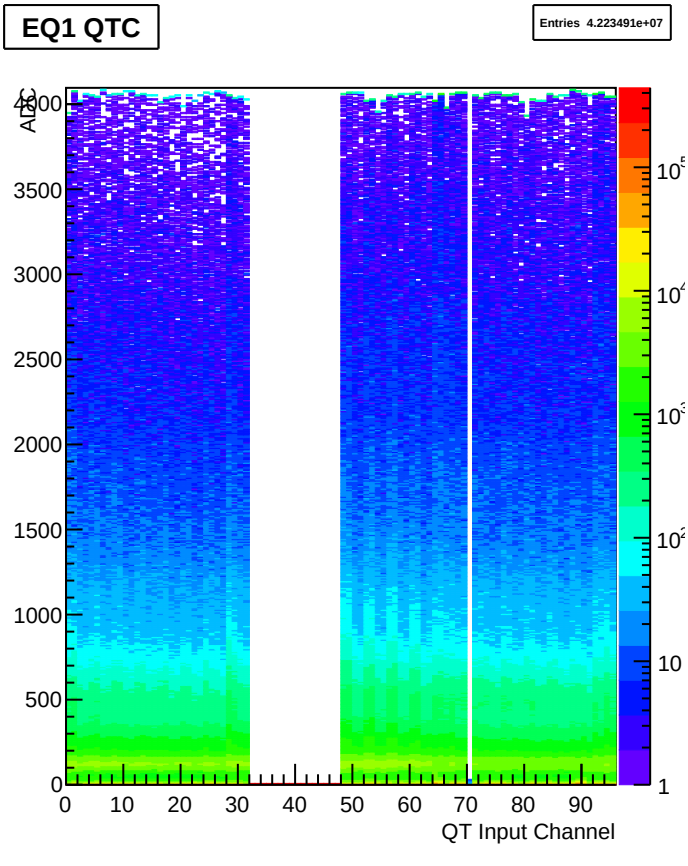

BBQ-VP001 East
Entries 7039152
TADC
QT Input Channel

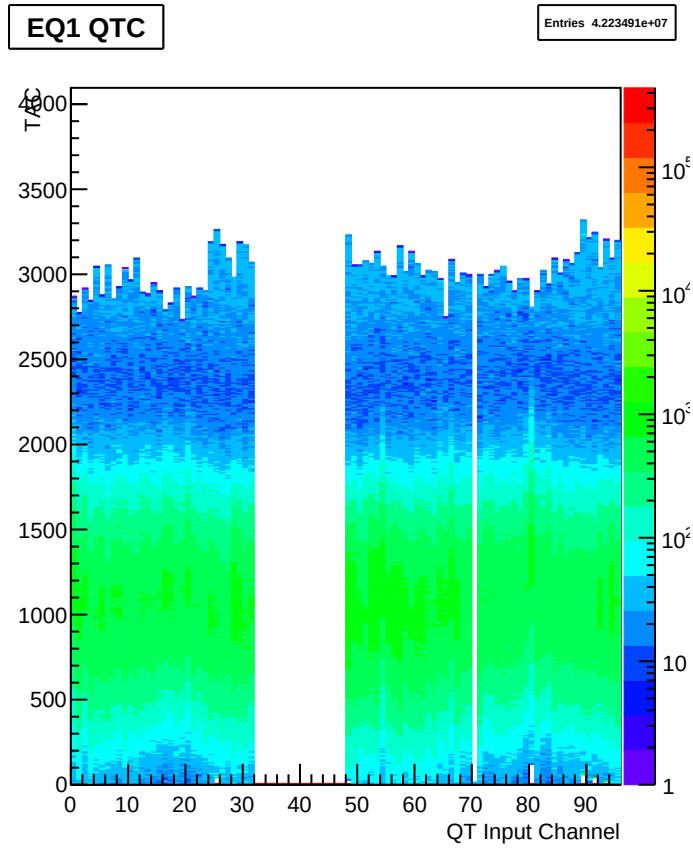

BBQ-VP002 West
Entries 7039152
ADC
QT Input Channel

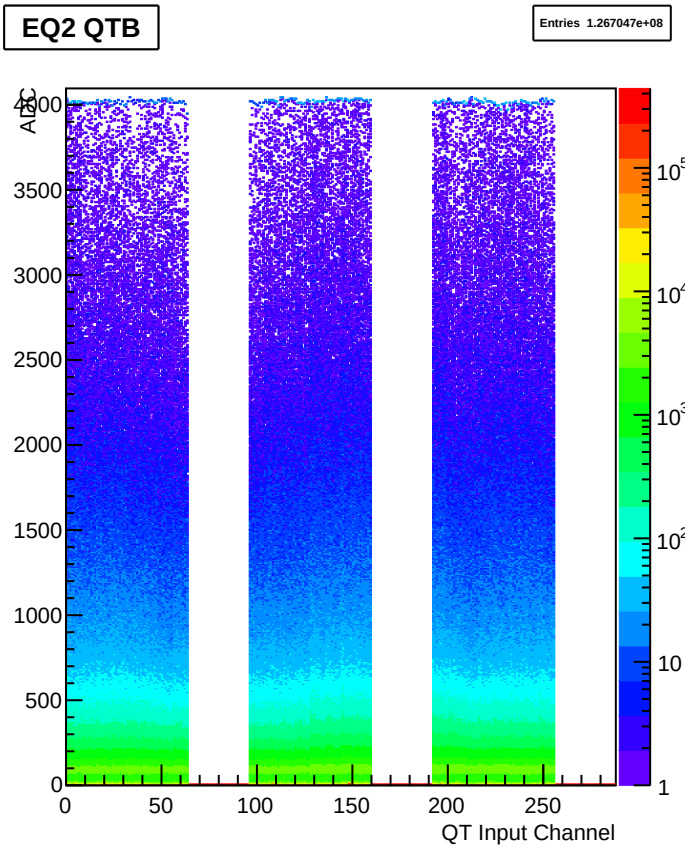

BBQ-VP002 West
Entries 7039152
TADC
QT Input Channel

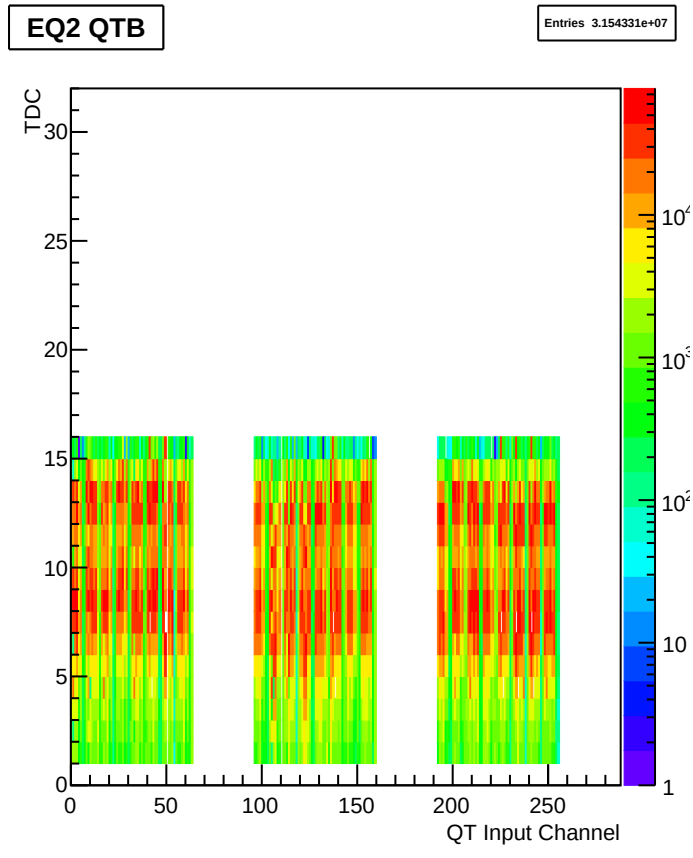

EQ1 QTB
Entries 1.267047e+08
ADC
QT Input Channel

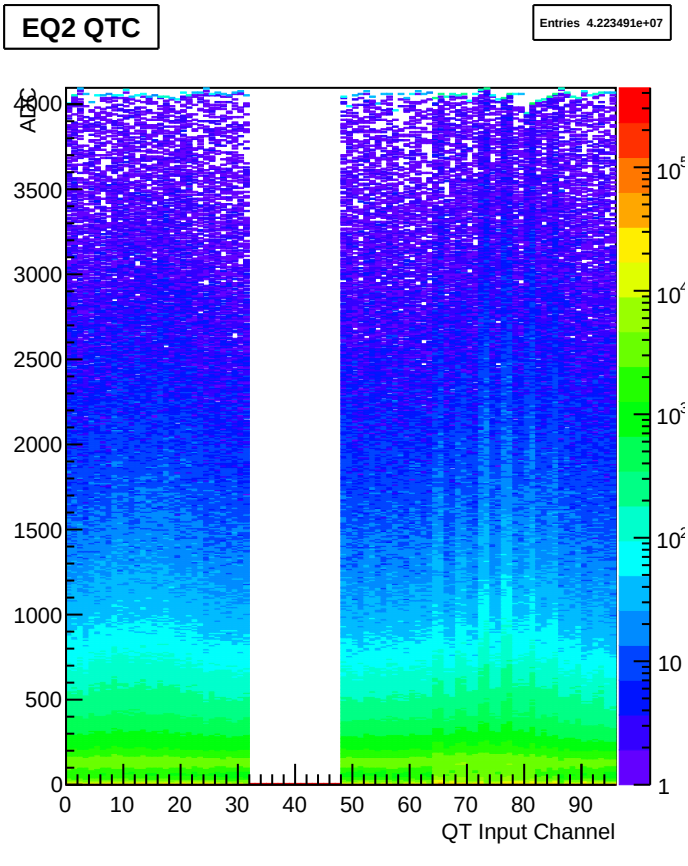

EQ1 QTB
Entries 4.244215e+07
TDC
QT Input Channel

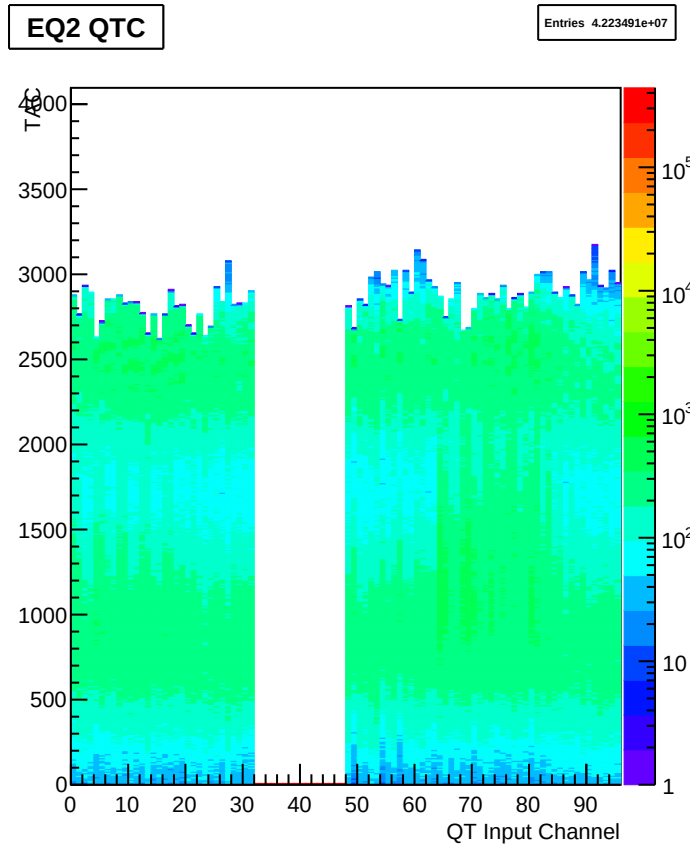

EQ1 QTC
Entries 4.223491e+07
ADC
QT Input Channel

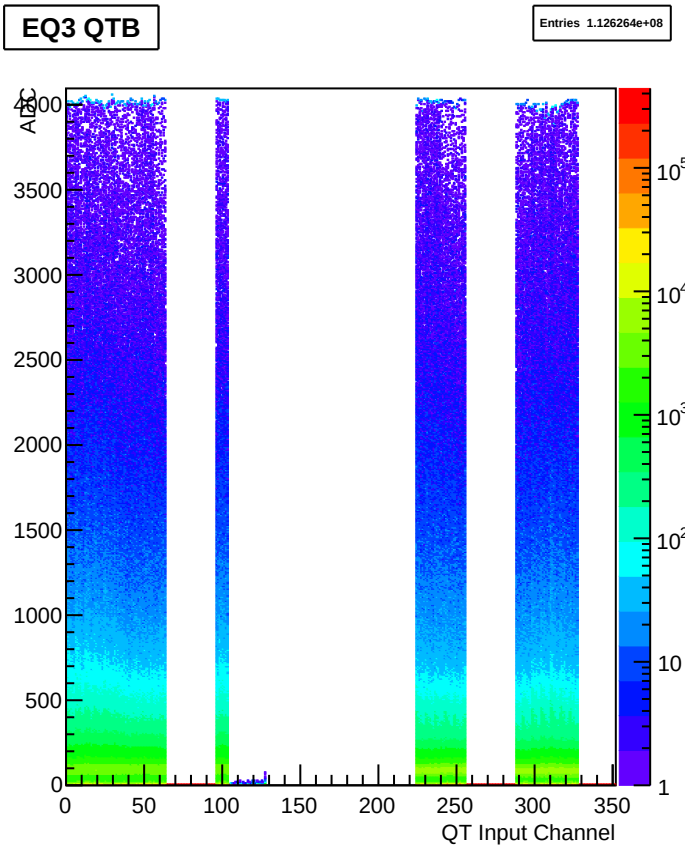

EQ1 QTC
Entries 4.223491e+07
TADC
QT Input Channel

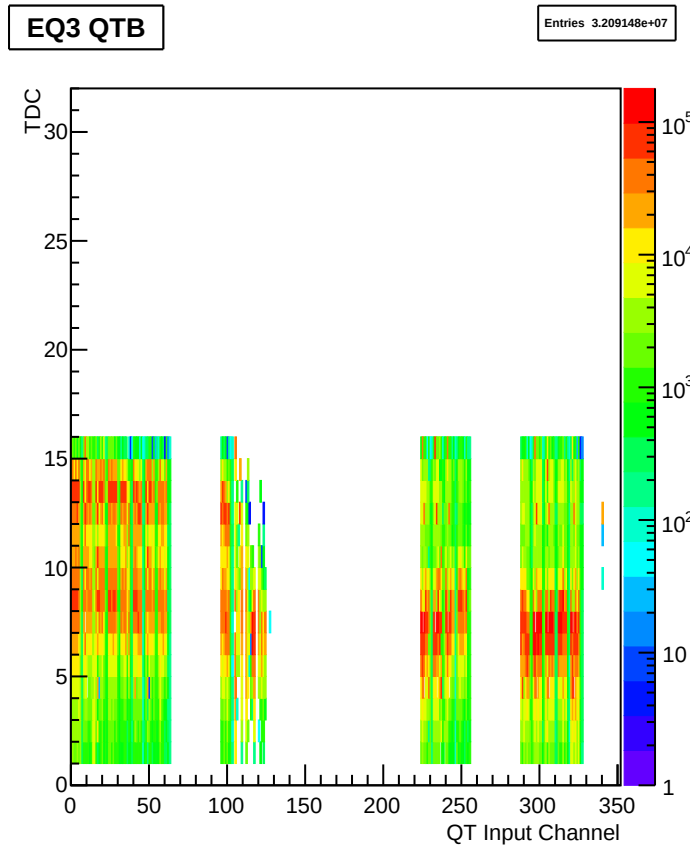

EQ2 QTB
Entries 1.267047e+08
ADC
QT Input Channel

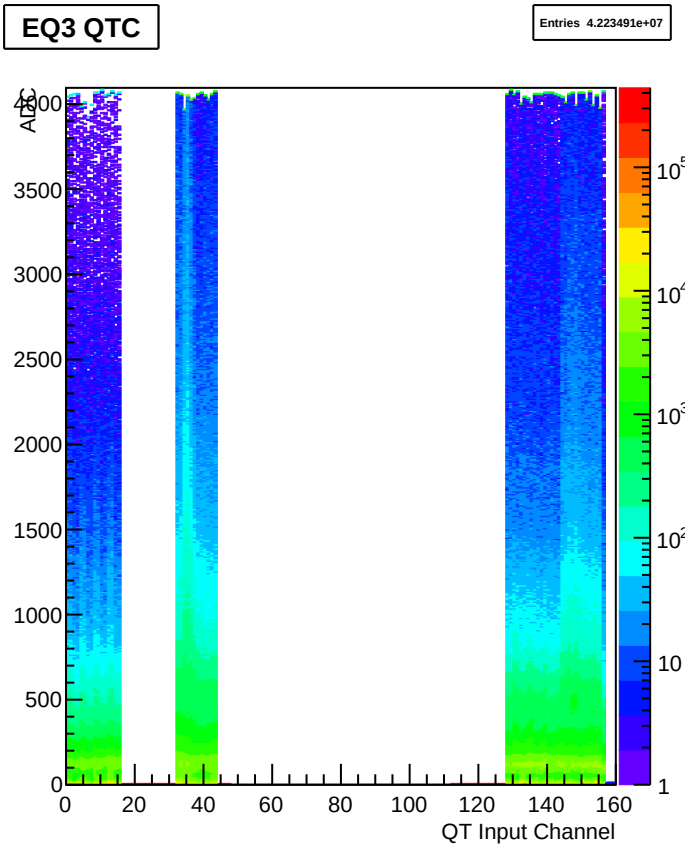

EQ2 QTB
Entries 3.154331e+07
TDC
QT Input Channel

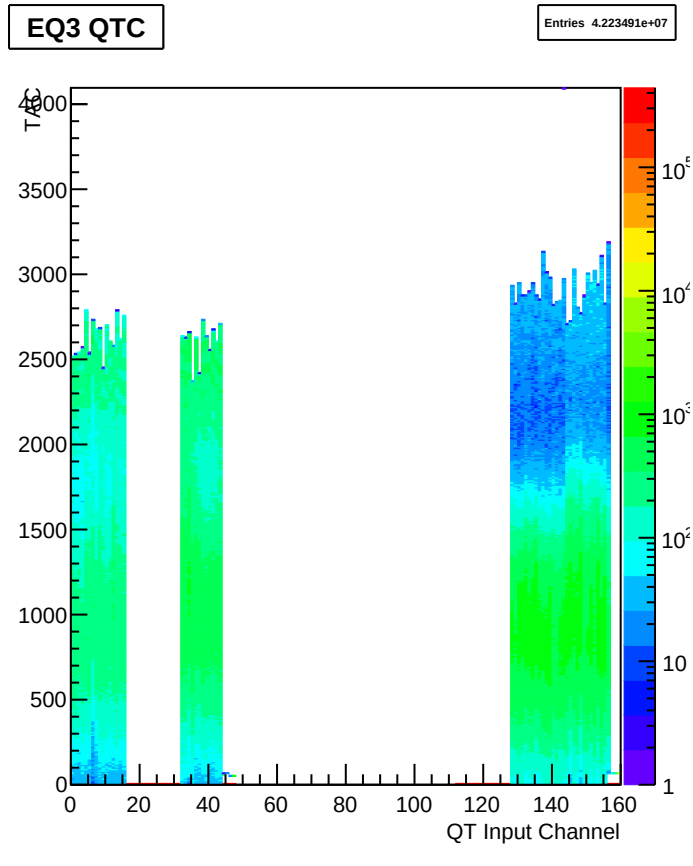

EQ2 QTC
Entries 4.223491e+07
ADC
QT Input Channel

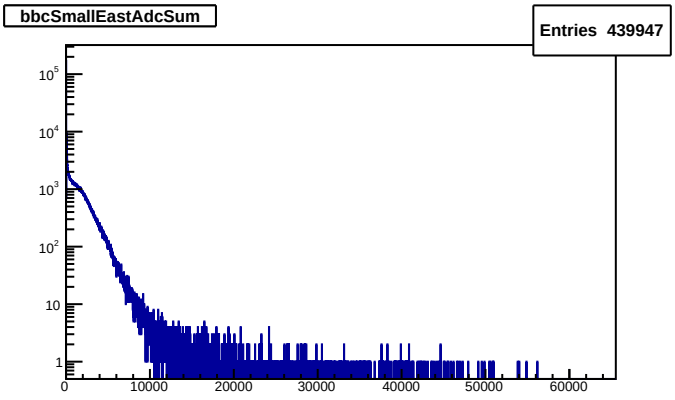

EQ2 QTC
Entries 4.223491e+07
TADC
QT Input Channel

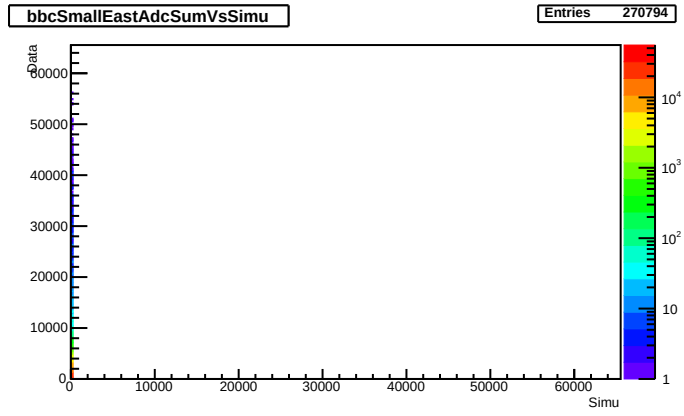

EQ3 QTB
Entries 1.126264e+08
ADC
QT Input Channel

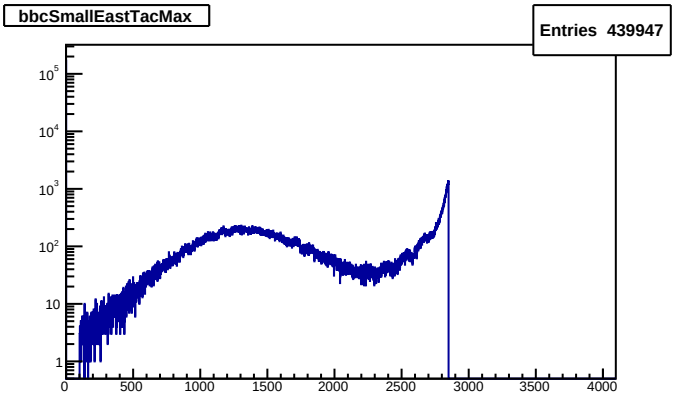

EQ3 QTB
Entries 3.209148e+07
TDC
QT Input Channel

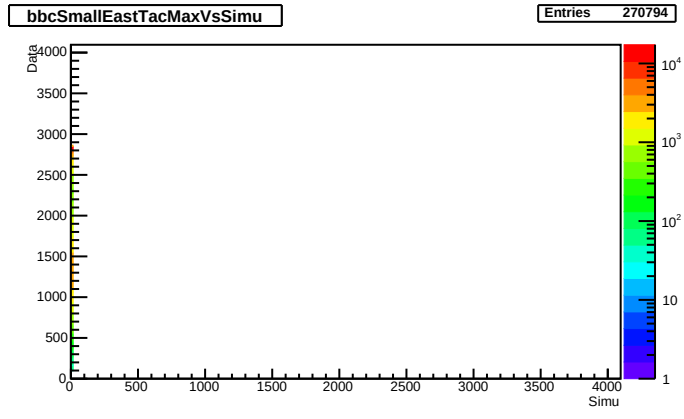

EQ3 QTC
Entries 4.223491e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.223491e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 439947


bbcSmallEastAdcSumVsSimu
Entries 270794
Data
Simu


bbcSmallEastTacMax
Entries 439947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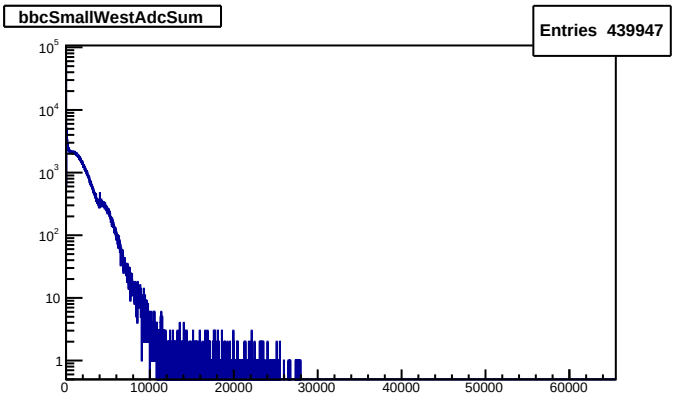
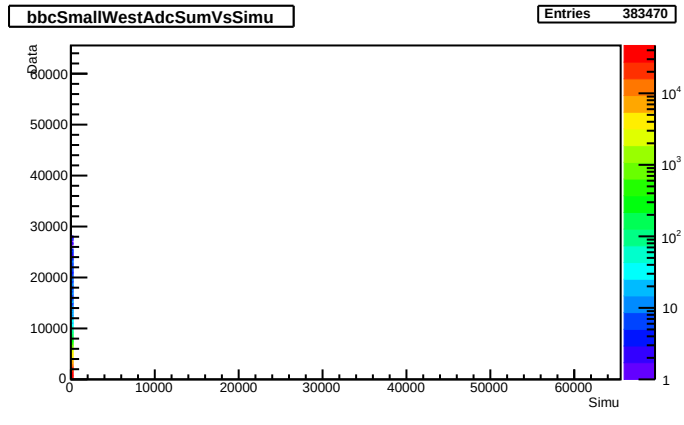
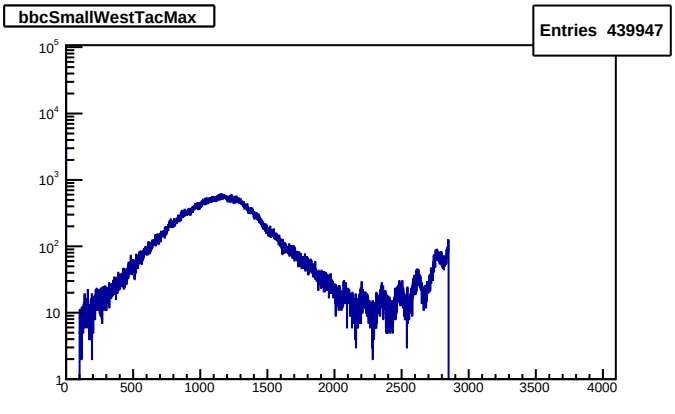
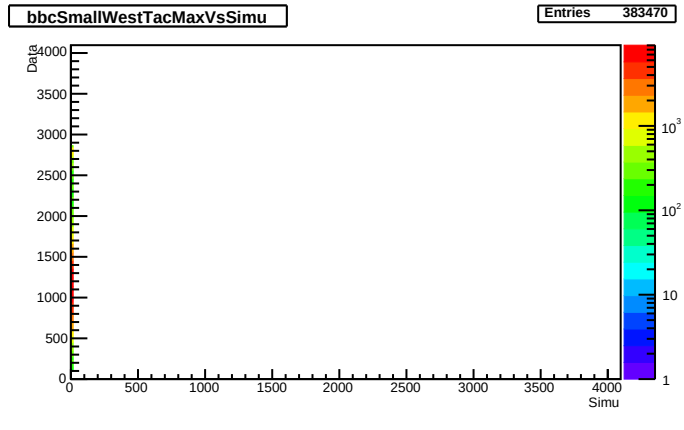
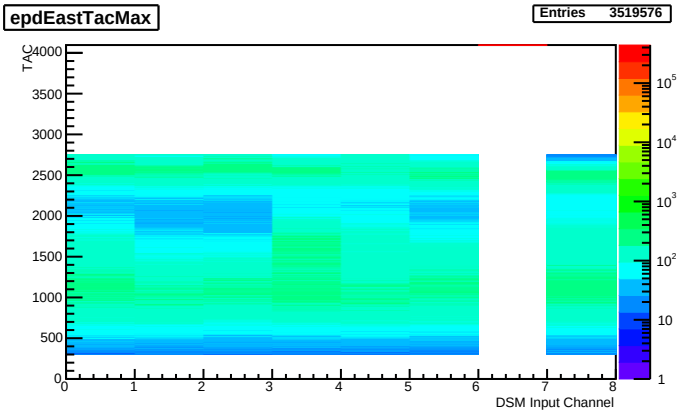
Entries 270794
Data
Simu

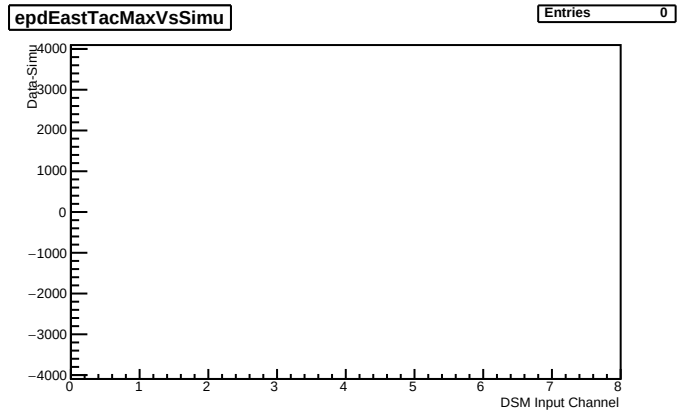

bbcSmallWestAdcSum
Entries 439947


bbcSmallWestAdcSumVsSimu
Entries 383470
Data
Simu


bbcSmallWestTacMax
Entries 439947


bbcSmallWestTacMaxVsSimu
Entries 383470
Data
Simu


epdEastTacMax
Entries 3519576
TAC
DSM Input Channel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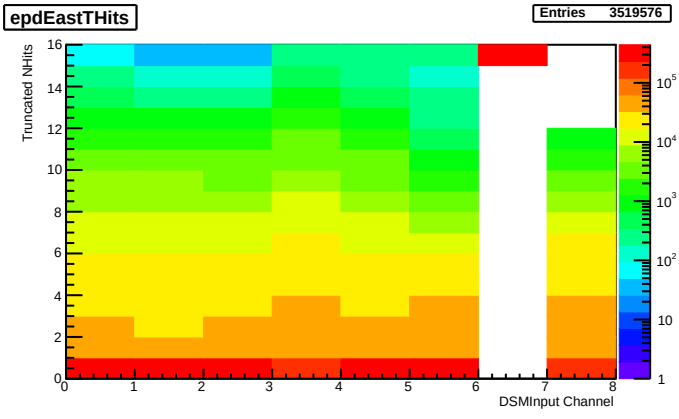
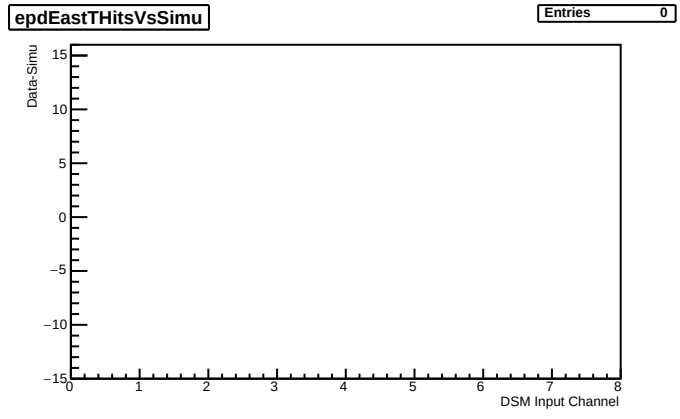
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3519576
Truncated NHits
DSMInput Channel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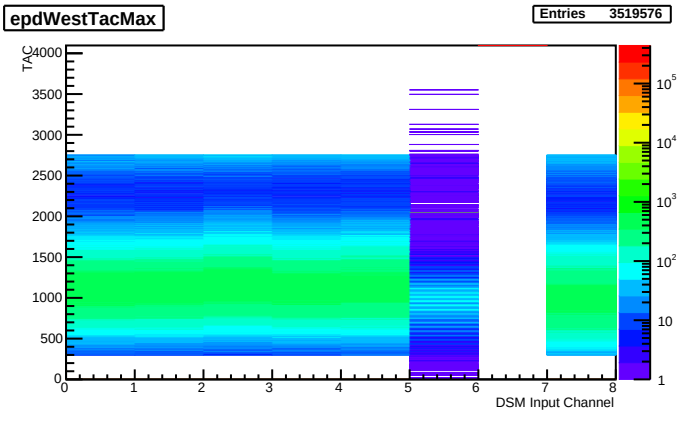
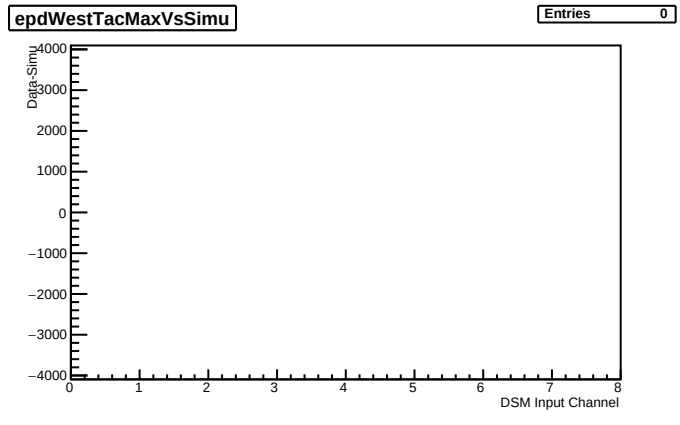
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3519576
TAC
DSM Input Channel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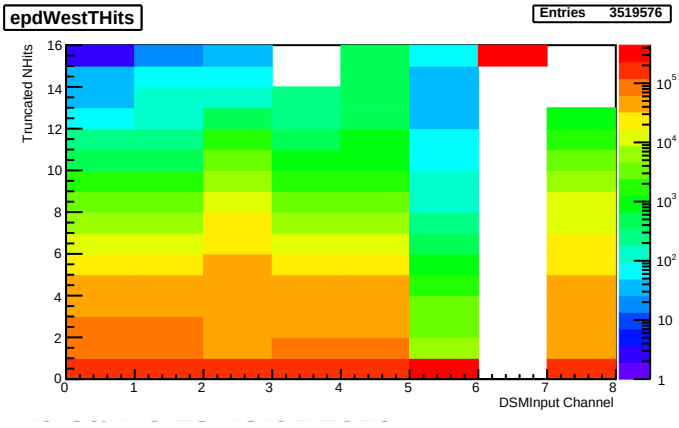
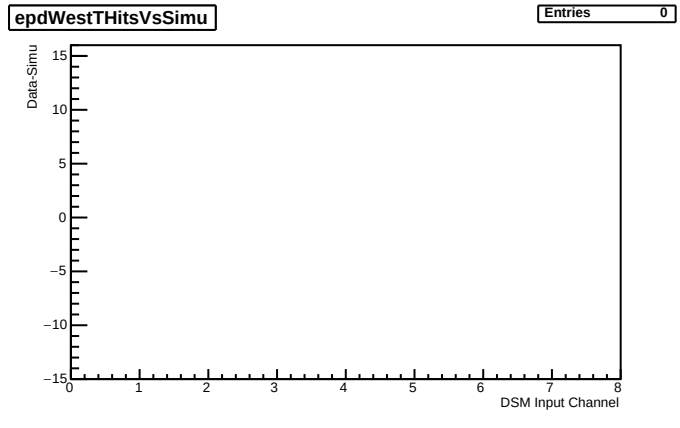
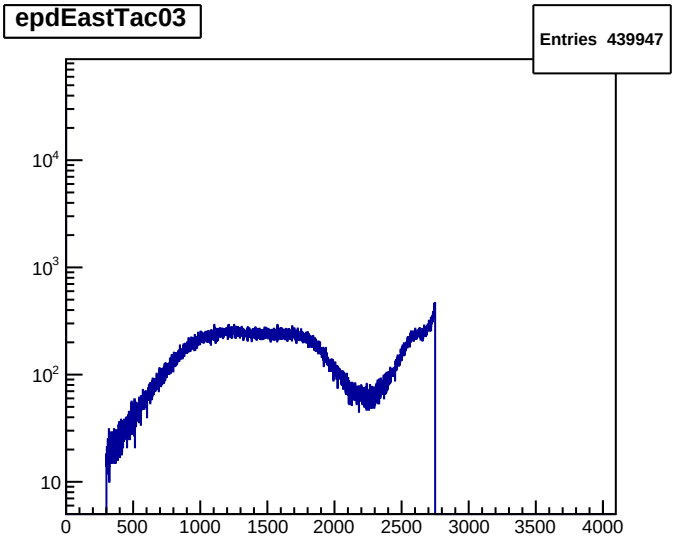
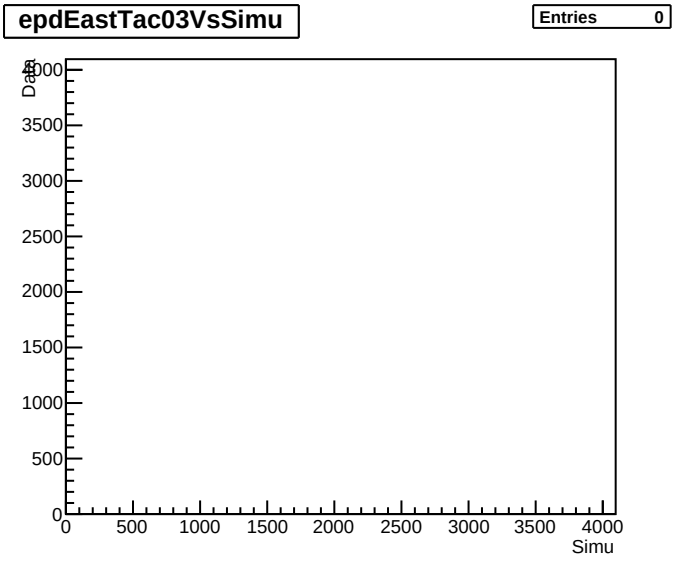
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3519576
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 439947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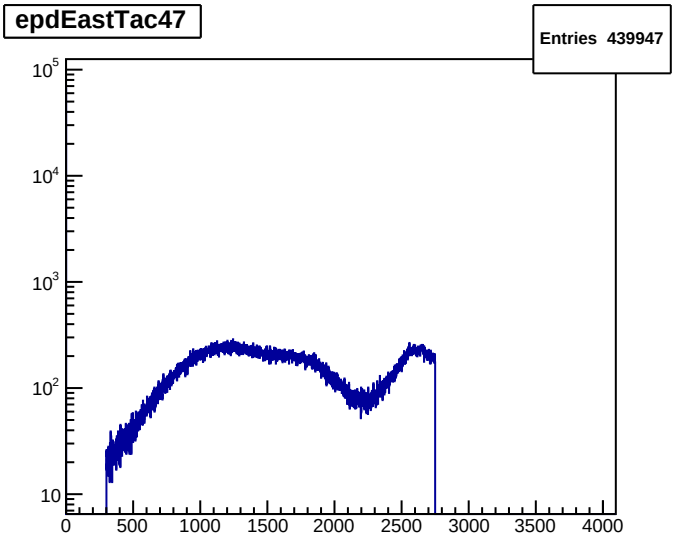
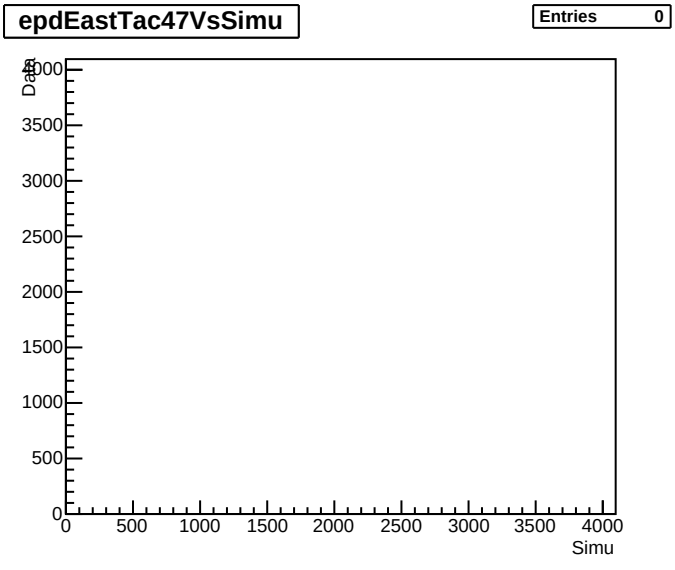
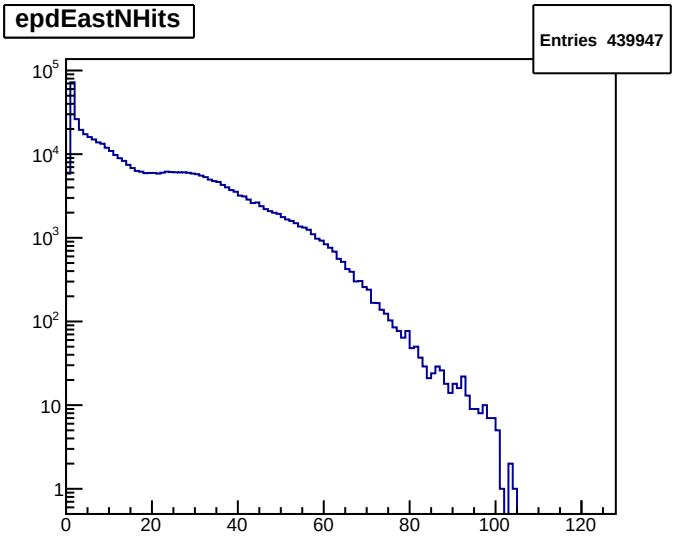
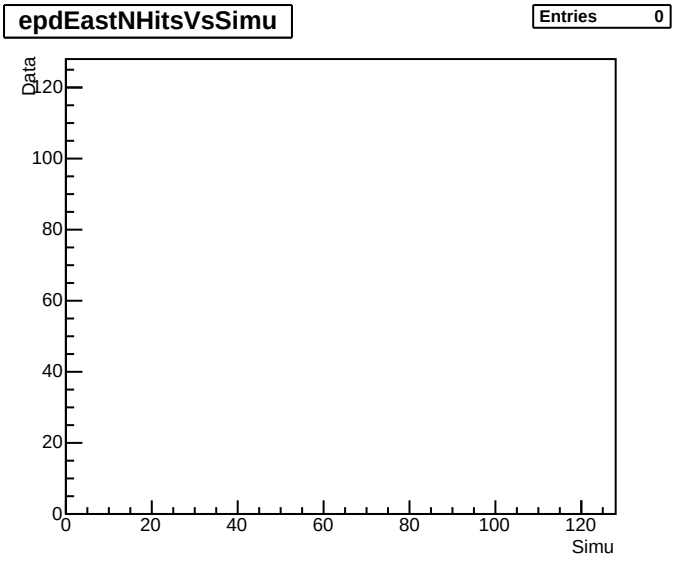
Entries 0
Data
Simu


epdEastTac47
Entries 439947


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 439947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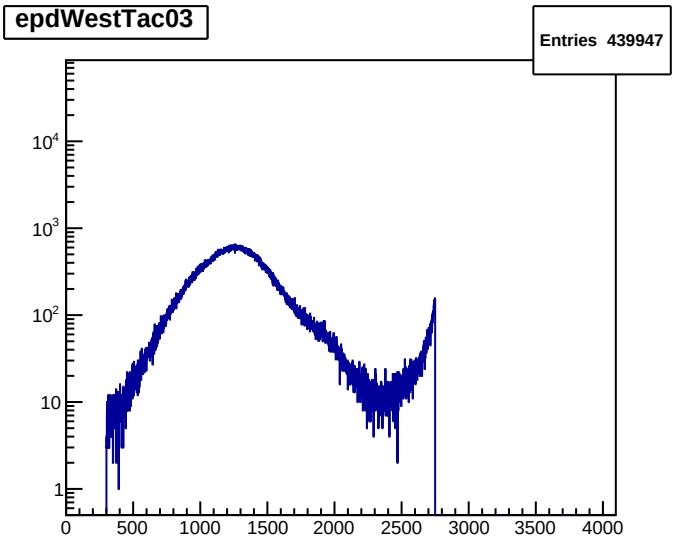
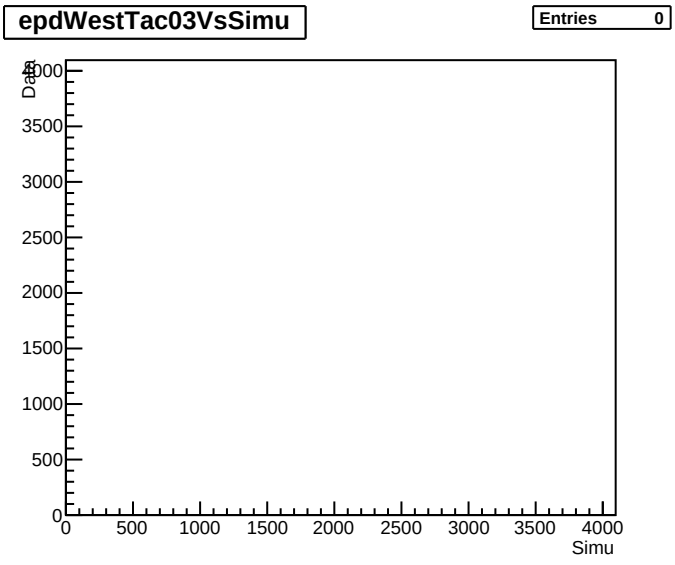
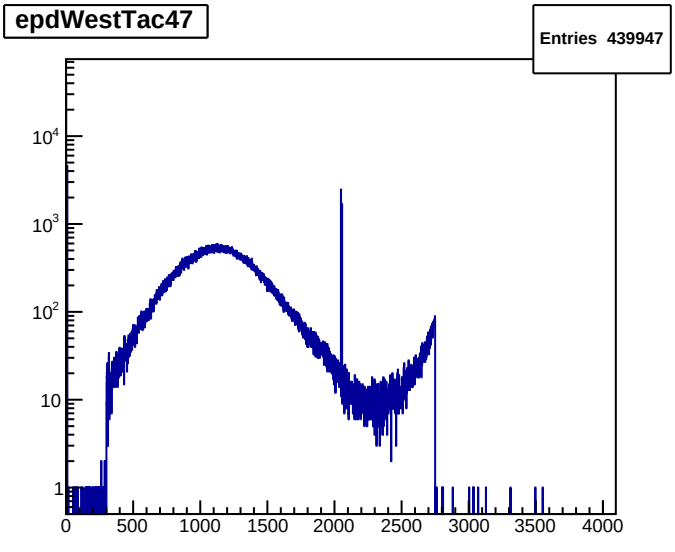
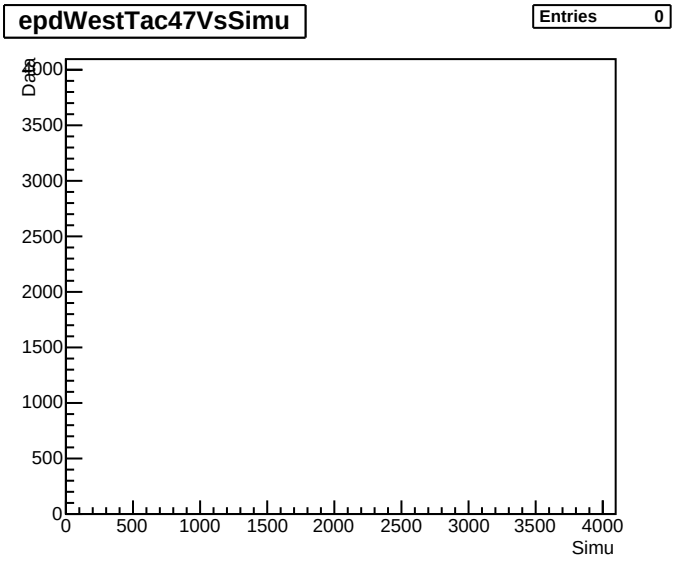
Entries 0
Data
Simu


epdWestTac03
Entries 439947


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 439947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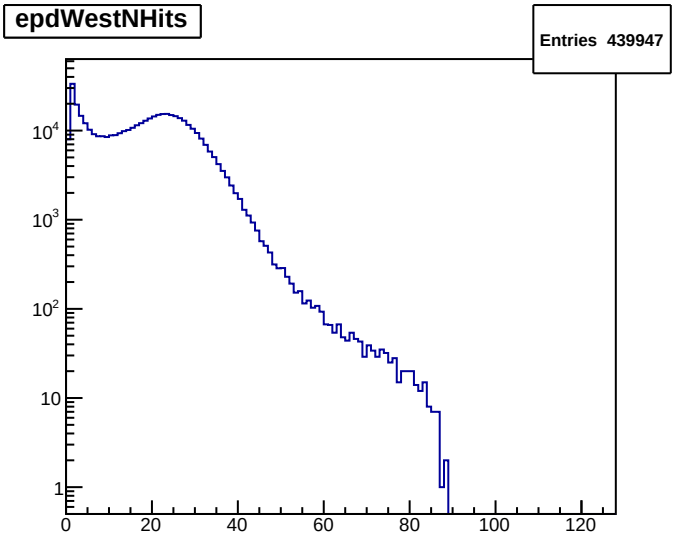
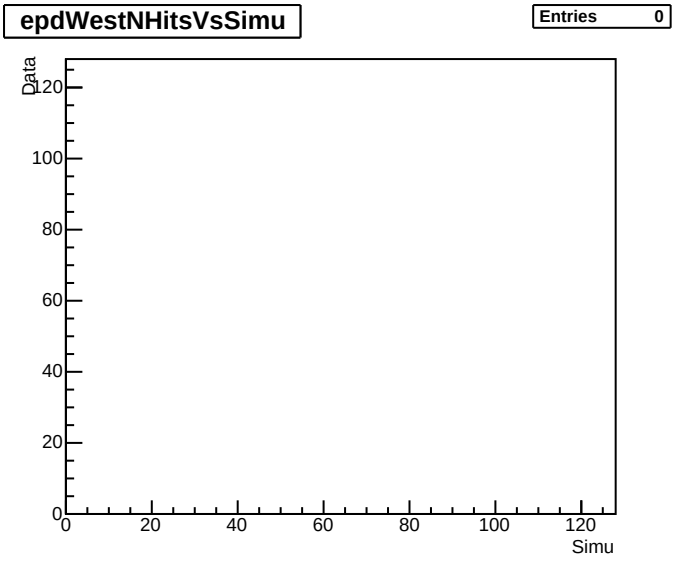
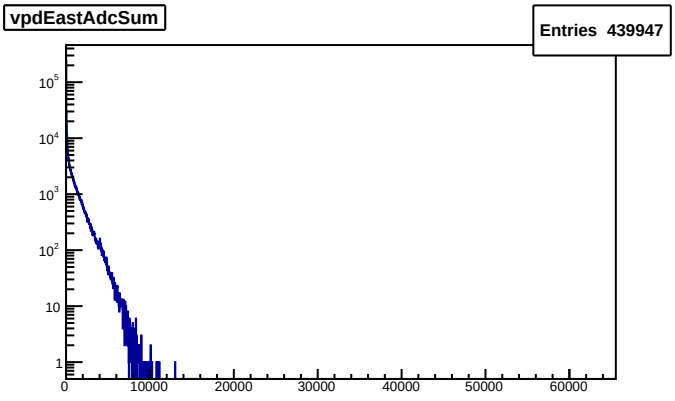
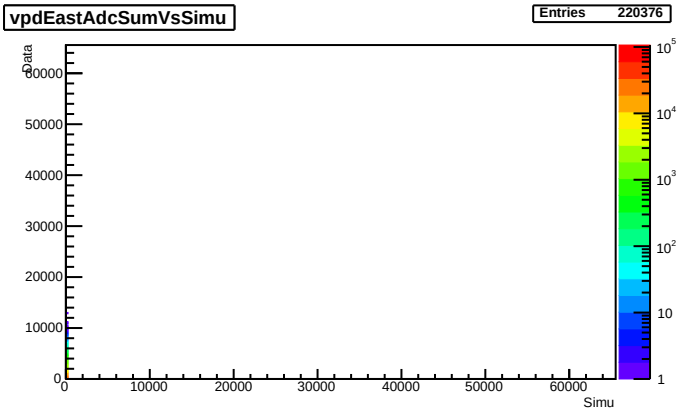
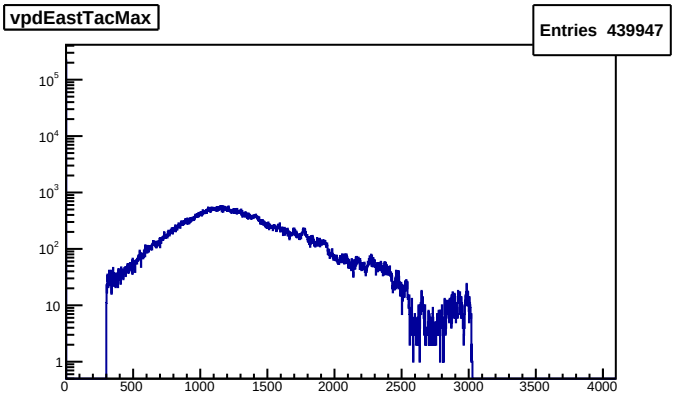
Entries 0
Data
Simu

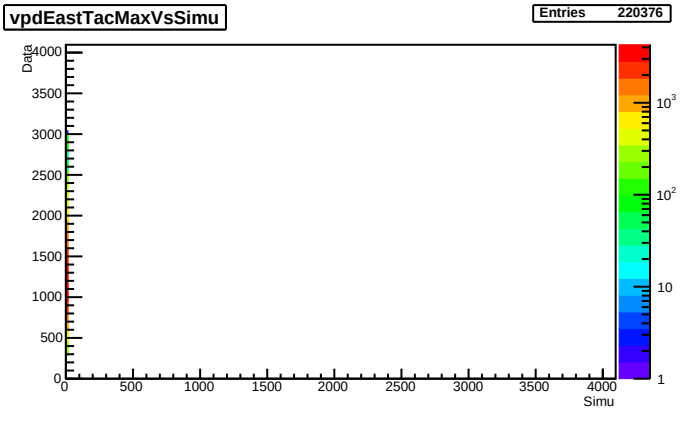

epdWestNHits
Entries 439947

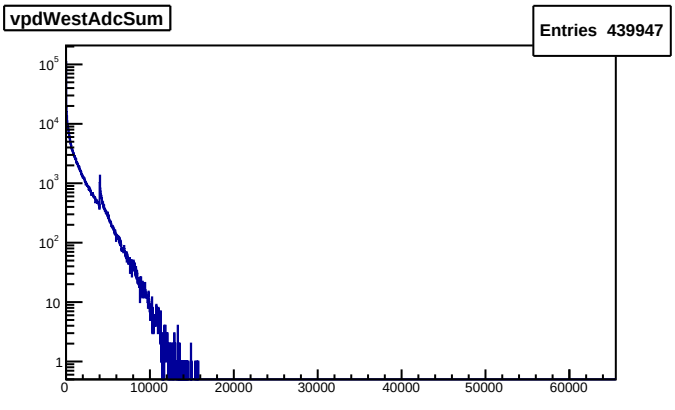

epdWestNHitsVsSimu
Entries 0
Data
Simu

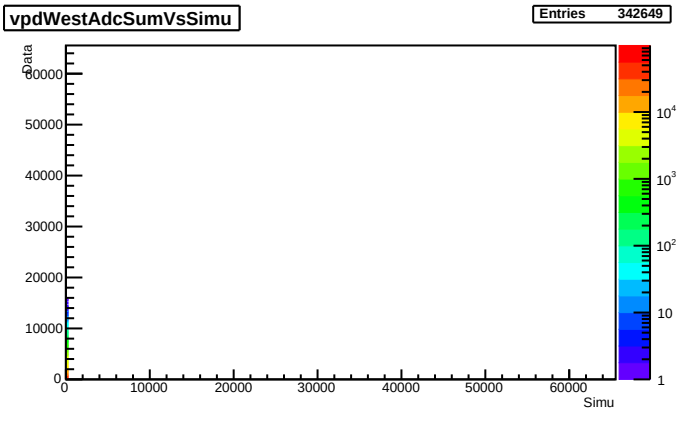

vpdEastAdcSum
Entries 439947

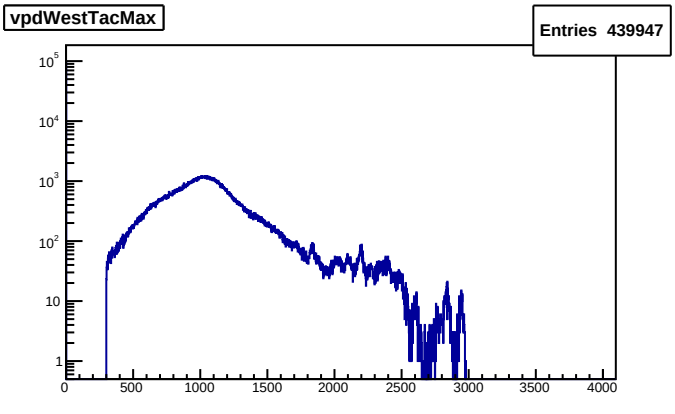

vpdEastAdcSumVsSimu
Entries 220376
Data
Simu

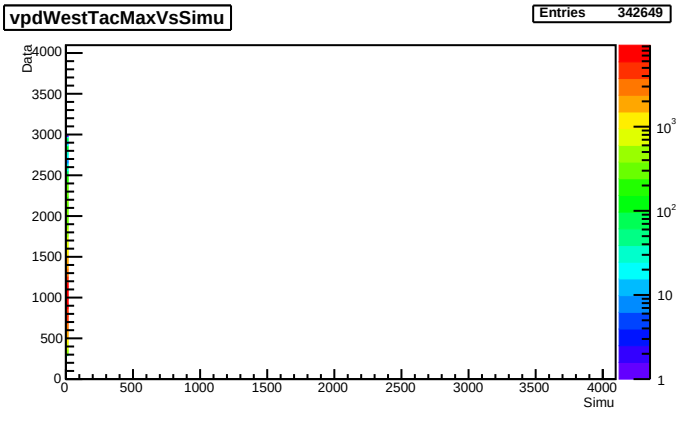

vpdEastTacMax
Entries 439947

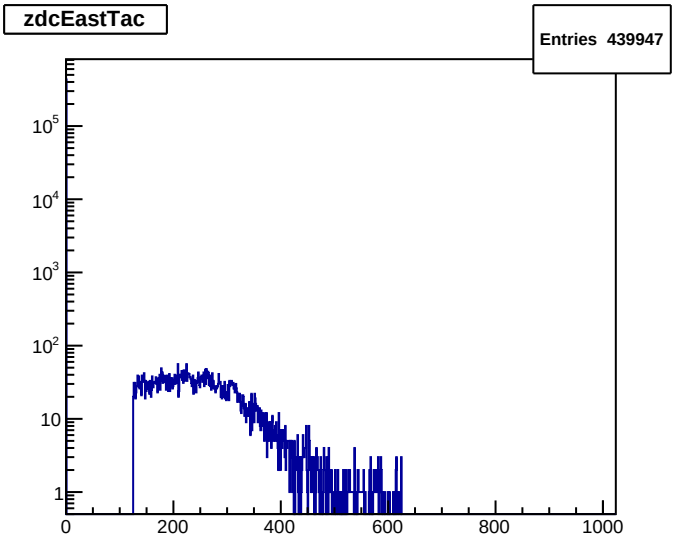

vpdEastTacMaxVsSimu
Entries 220376
Data
Simu

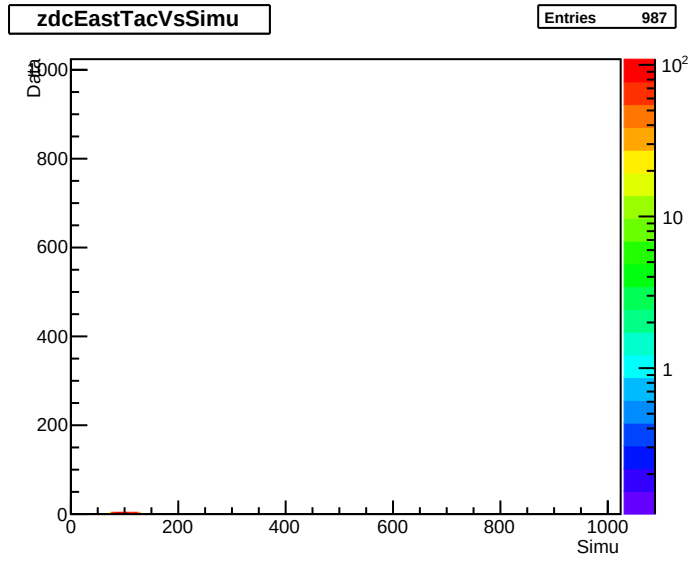

vpdWestAdcSum
Entries 439947

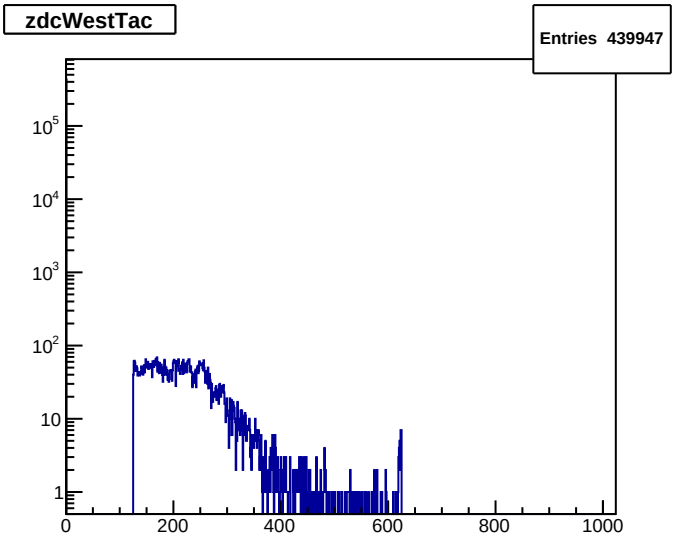

vpdWestAdcSumVsSimu
Entries 342649
Data
Simu

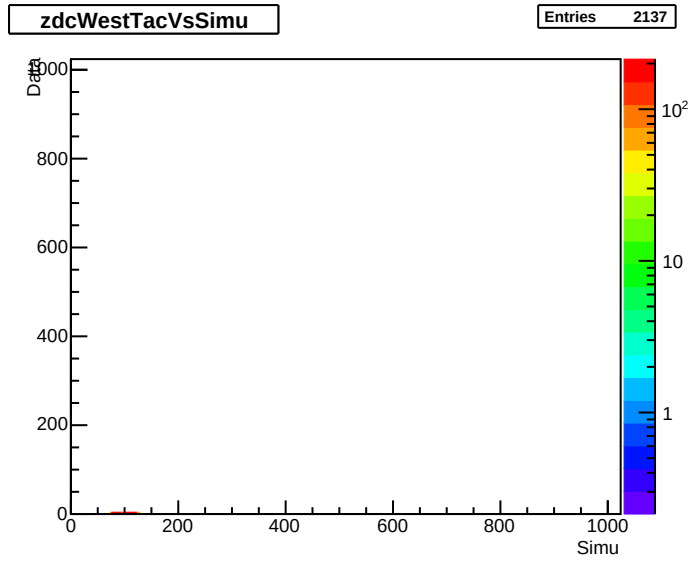

vpdWestTacMax
Entries 439947

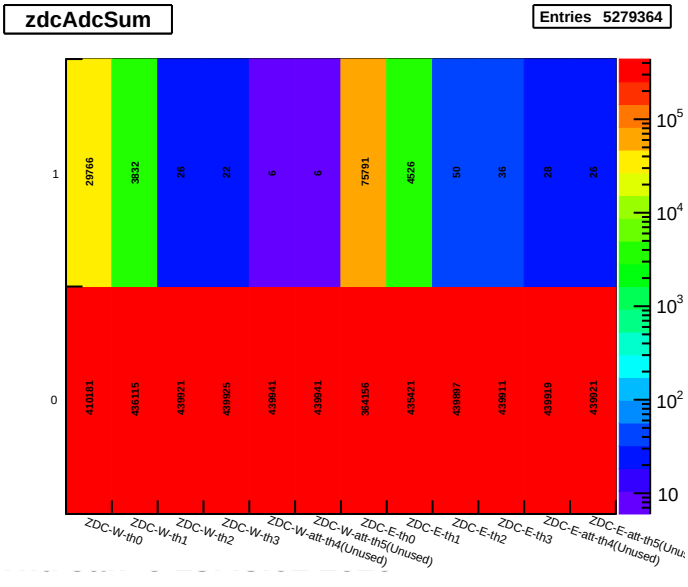

vpdWestTacMaxVsSimu
Entries 342649
Data
Simu

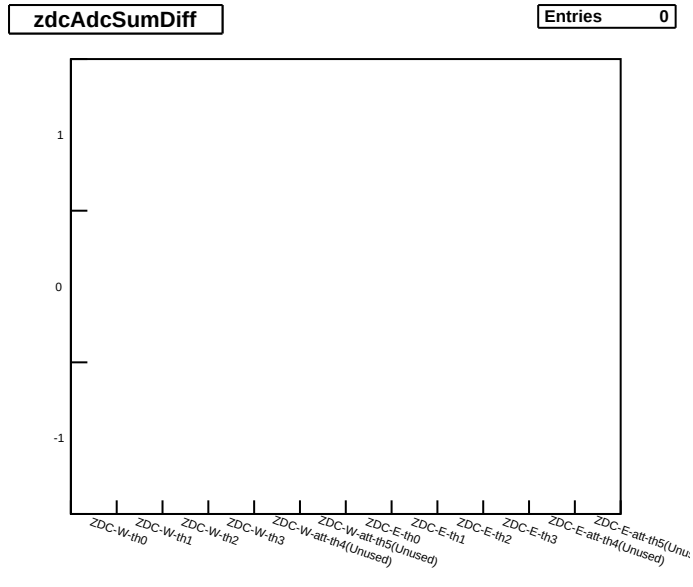

zdcEastTac
Entries 439947

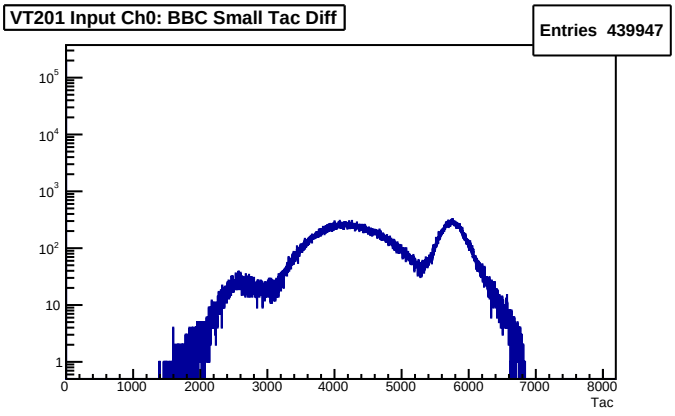

zdcEastTacVsSimu
Entries 987
Data
Simu

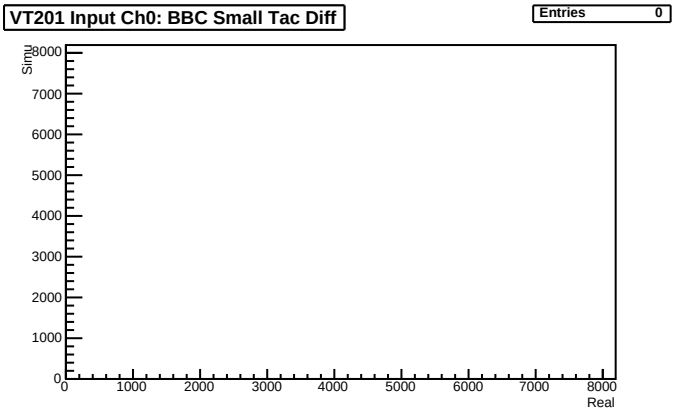

zdcWestTac
Entries 439947

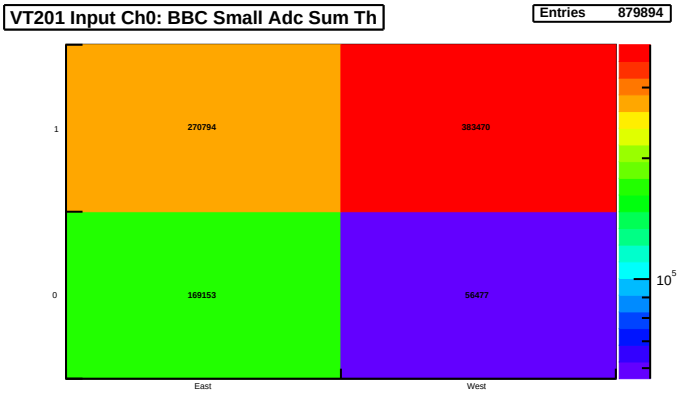

zdcWestTacVsSimu
Entries 2137
Data
Simu

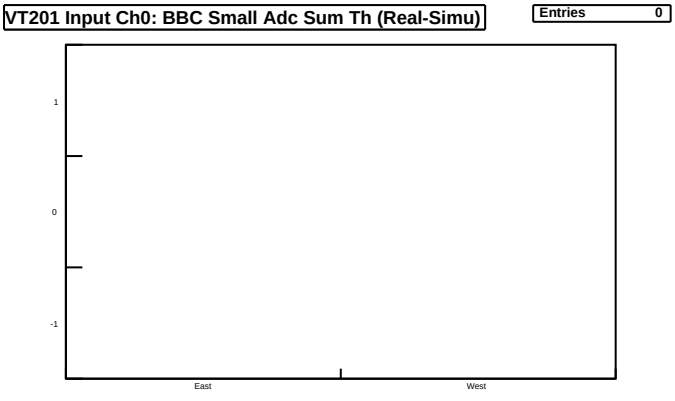

zdcAdcSum
Entries 5279364
29766
3832
26
22
6
6
75791
4526
50
36
28
26
410181
436115
439921
439925
439941
439941
364156
435421
439897
439911
439919
439921
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

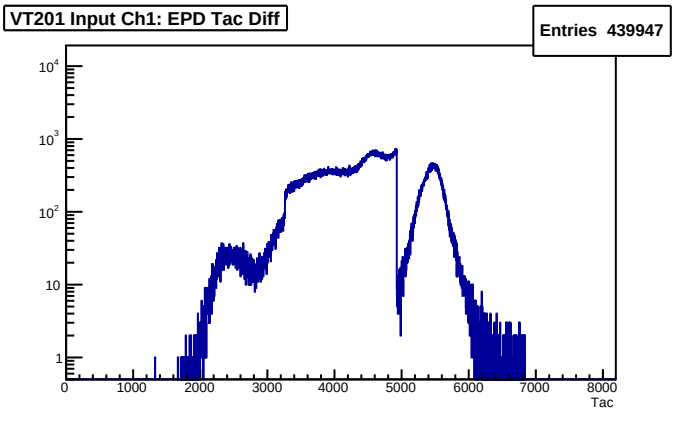

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

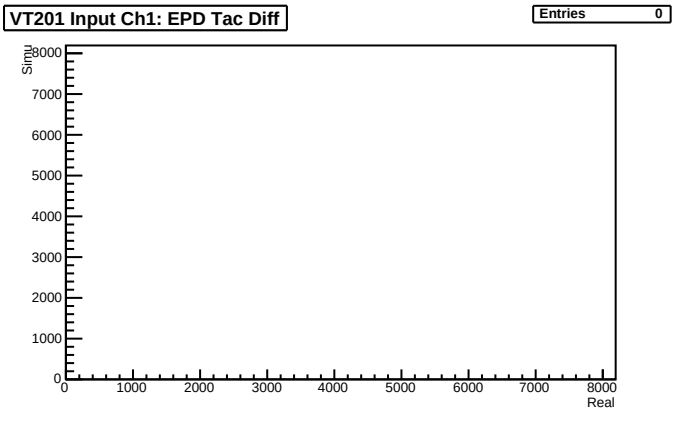

VT201 Input Ch0: BBC Small Tac Diff
Entries 439947
Tac

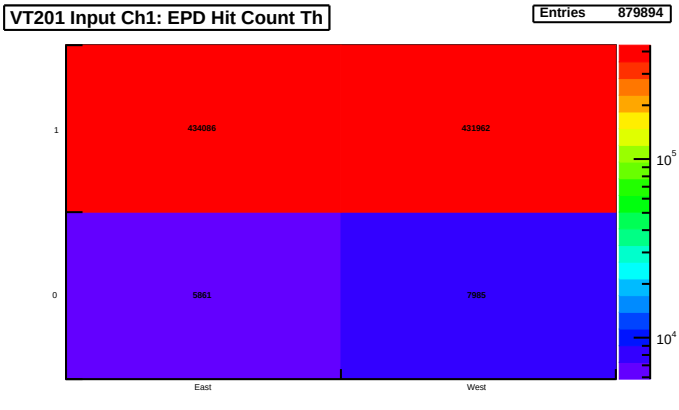

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

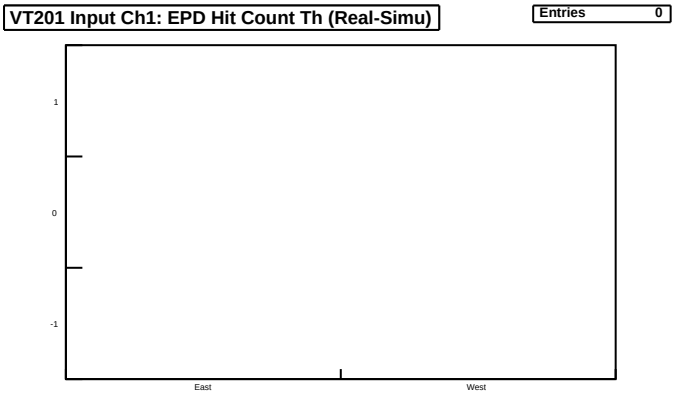

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 879894
270794
383470
169153
56477
East
West

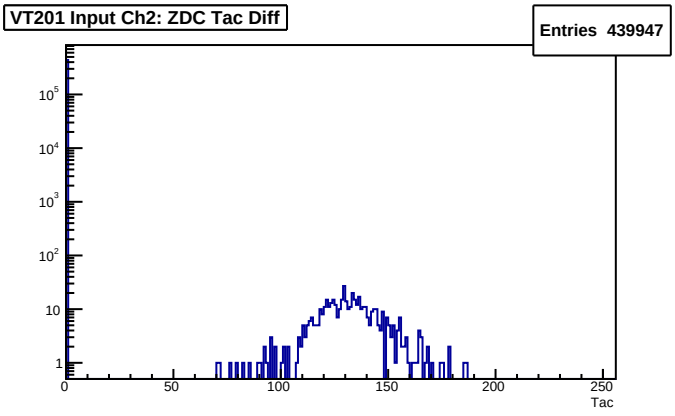

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

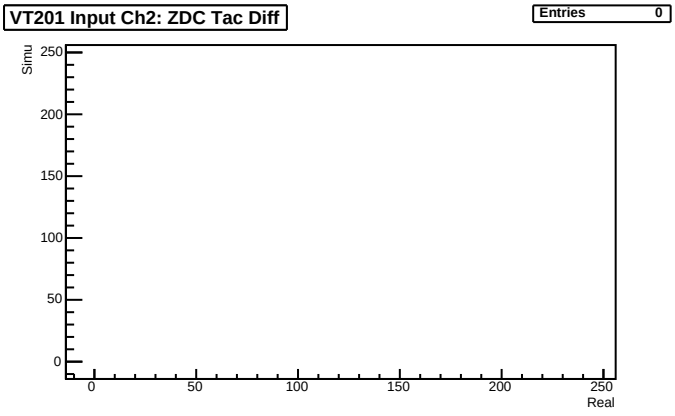

VT201 Input Ch1: EPD Tac Diff
Entries 439947
Tac

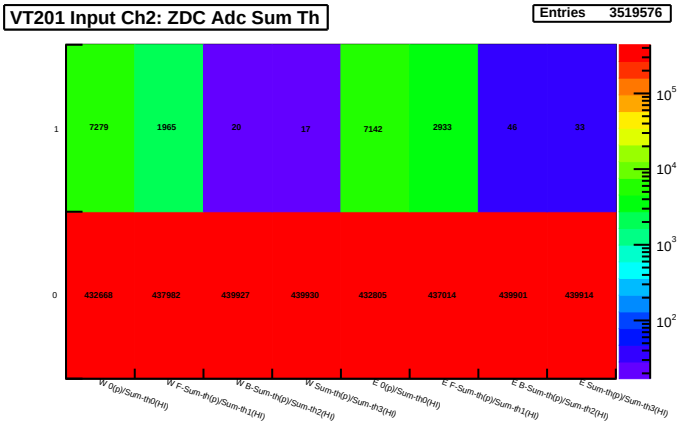

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

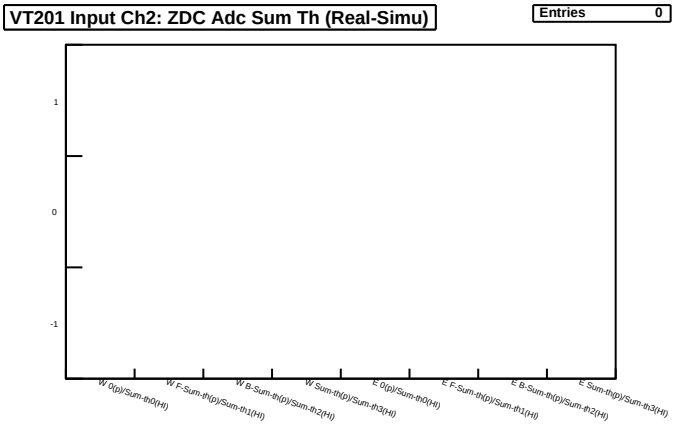

VT201 Input Ch1: EPD Hit Count Th
Entries 879894
434086
431962
5861
7985
East
West

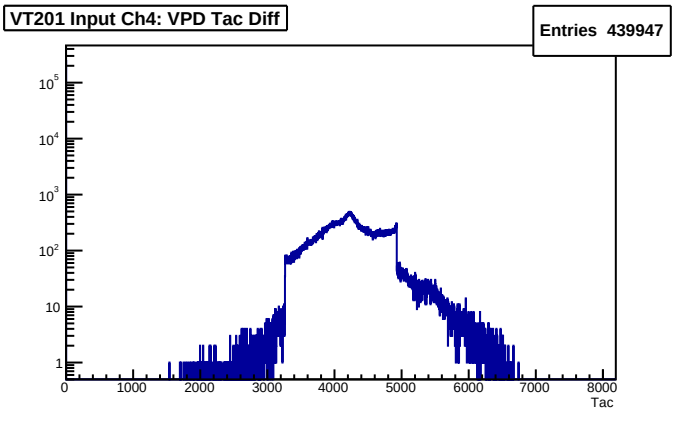

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

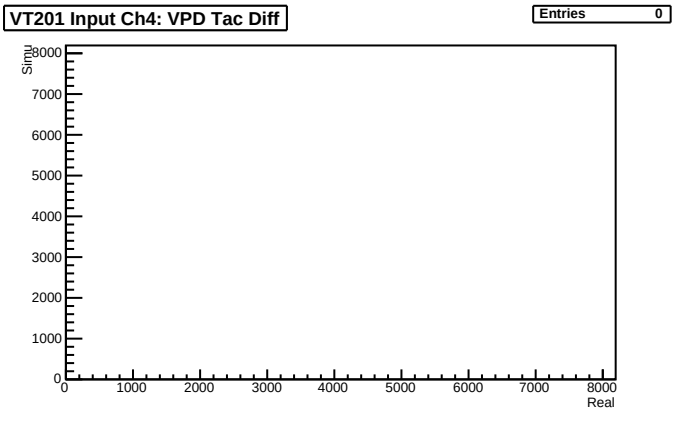

VT201 Input Ch2: ZDC Tac Diff
Entries 439947
Tac

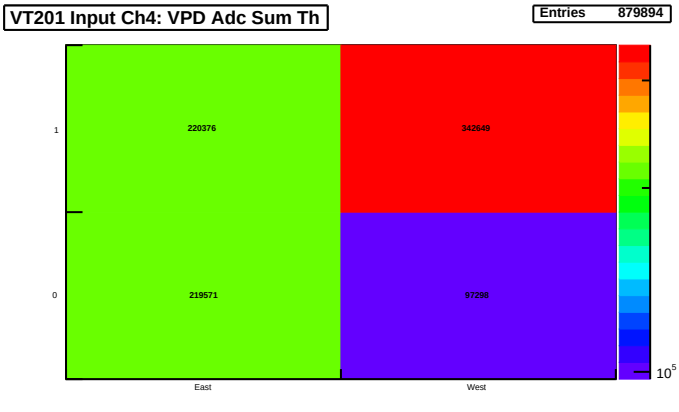

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

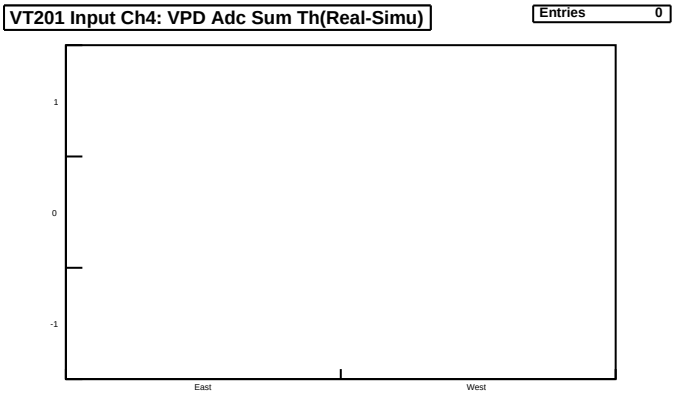

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3519576
7279
1965
20
17
7142
2933
46
33
432668
437982
439927
439930
432805
437014
439901
439914
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

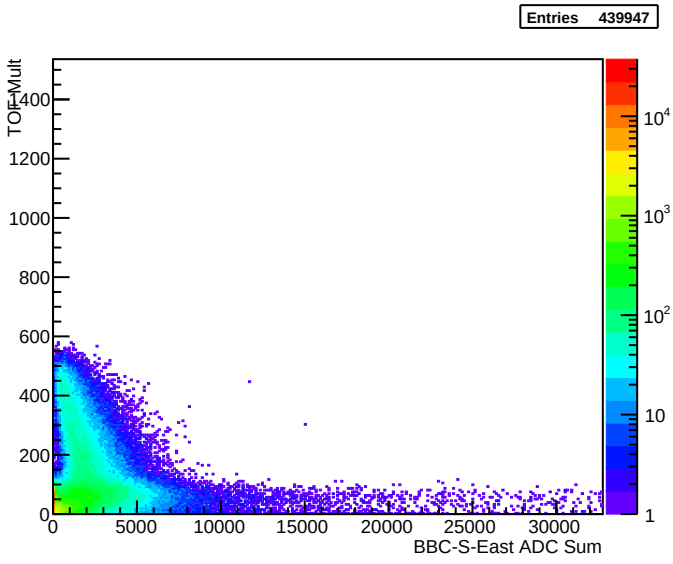

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

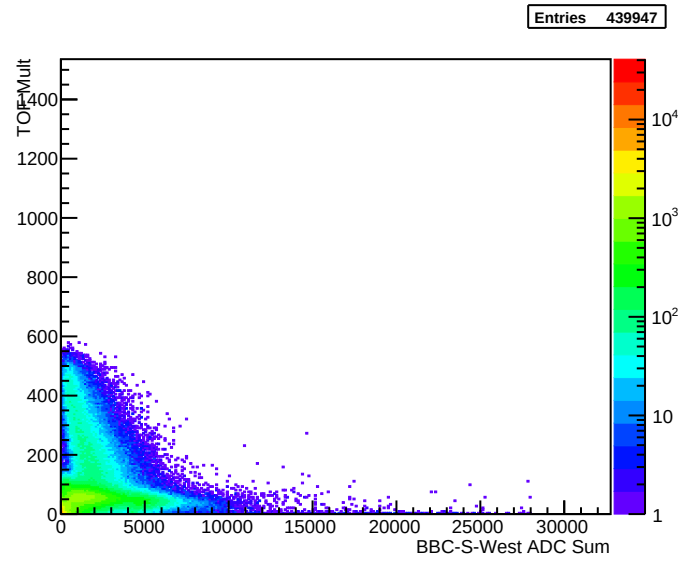

VT201 Input Ch4: VPD Tac Diff
Entries 439947
Tac

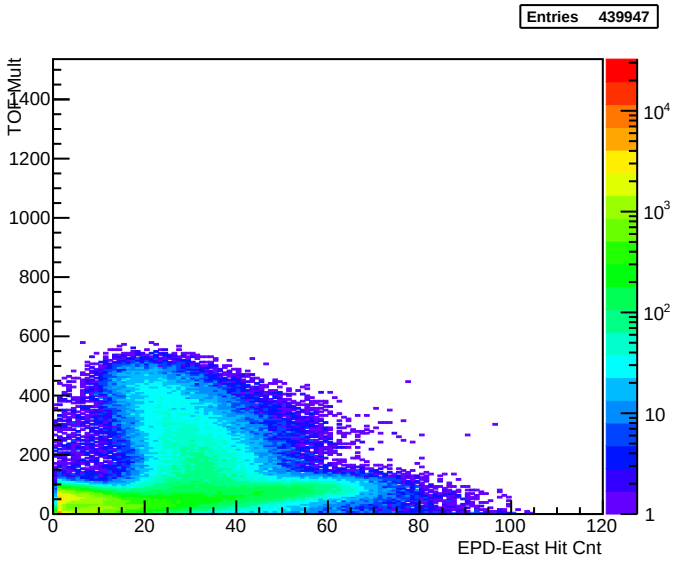

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

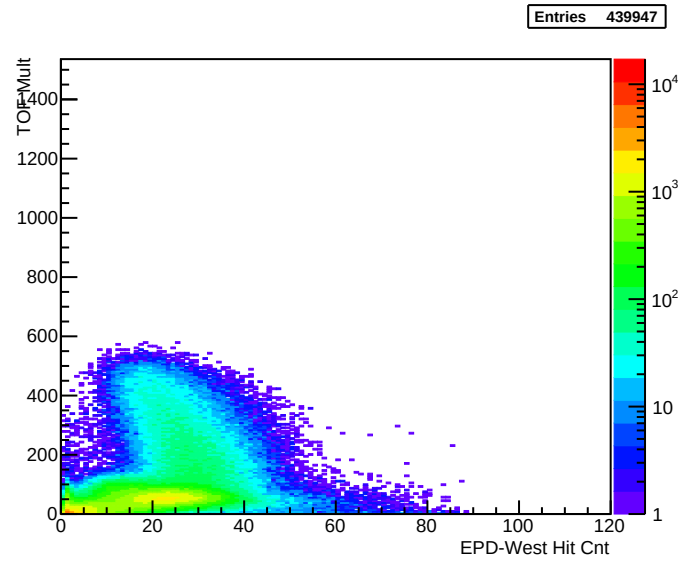

VT201 Input Ch4: VPD Adc Sum Th
Entries 879894
220376
342649
219571
97298
East
West

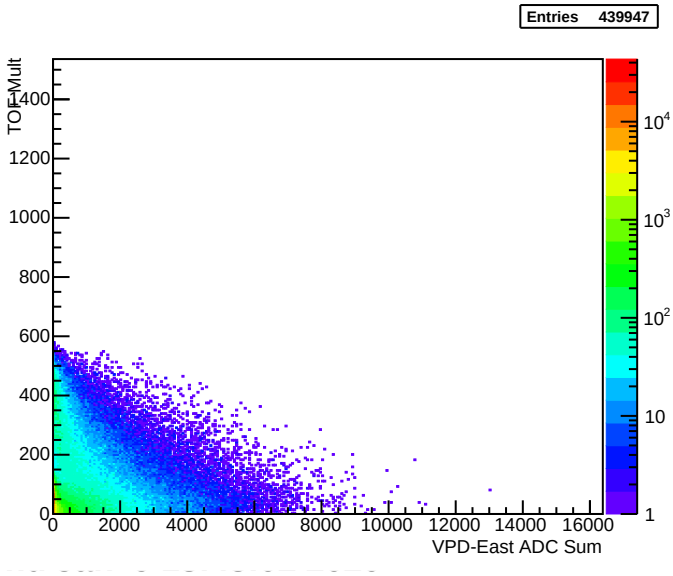

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

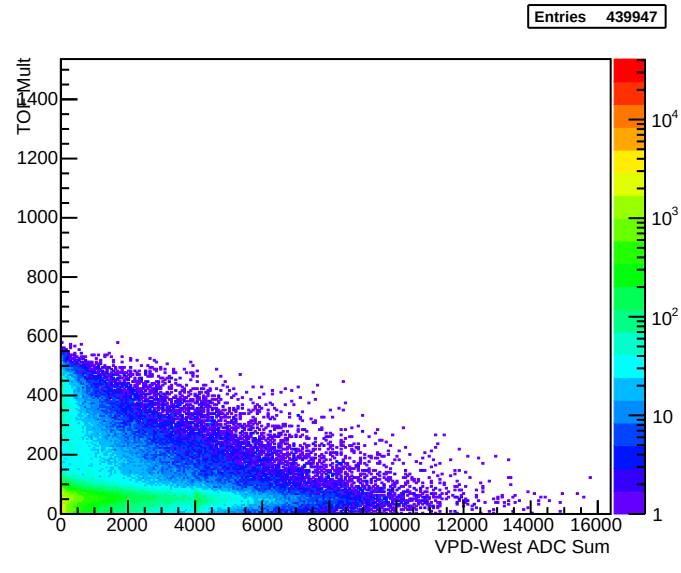

Entries 439947
TOF-Mult
BBC-S-East ADC Sum

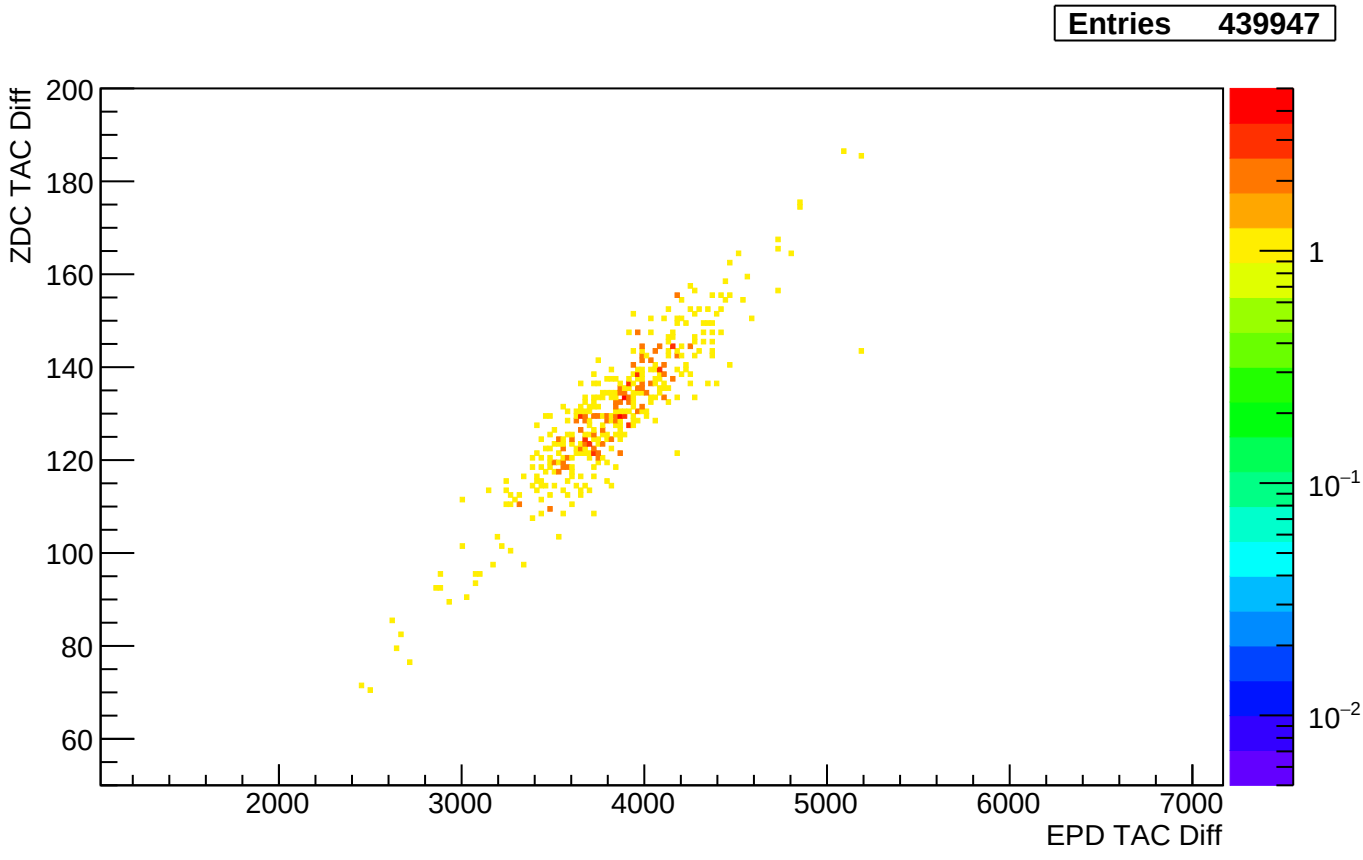

Entries 439947
TOF-Mult
BBC-S-West ADC Sum

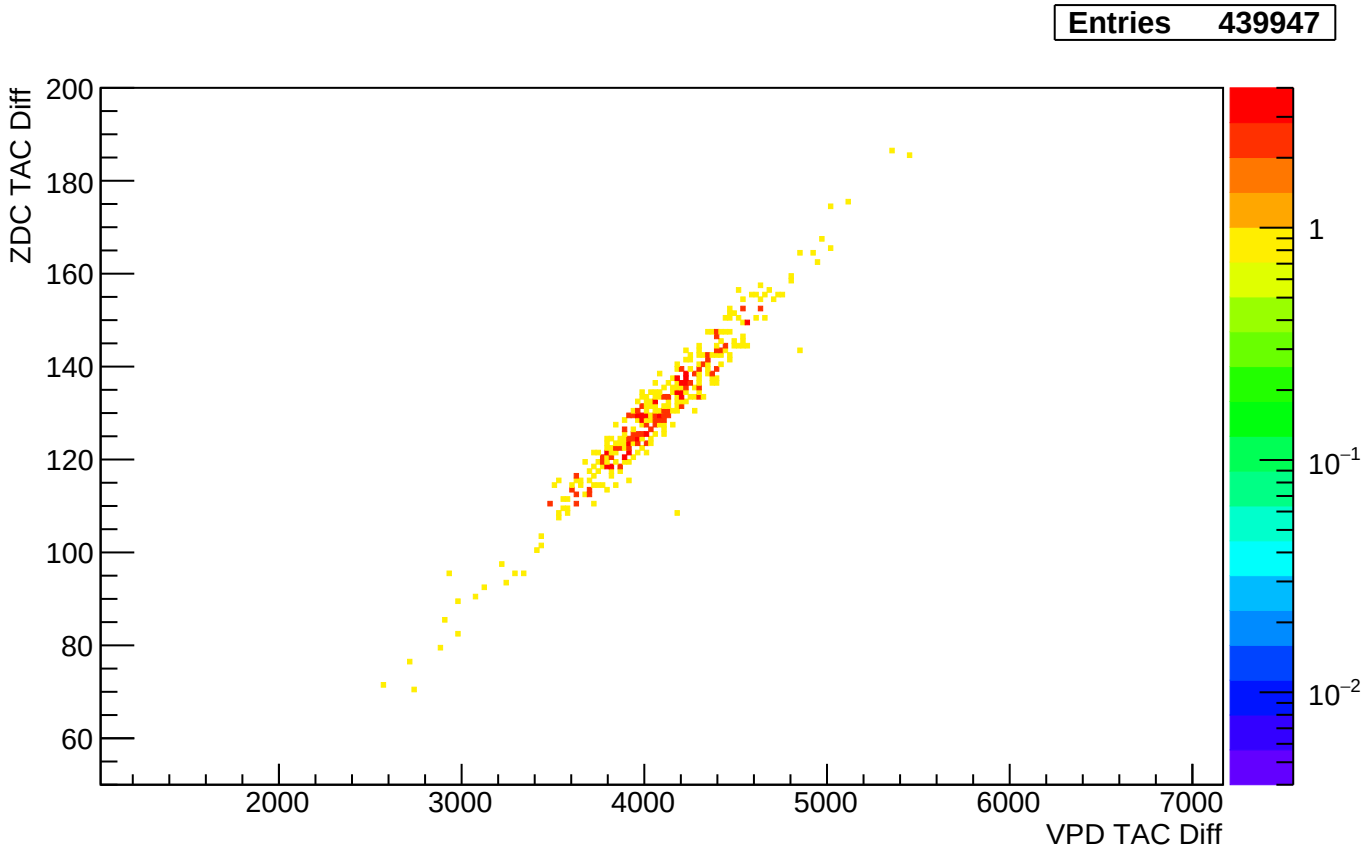

Entries 439947
TOF-Mult
EPD-East Hit Cnt

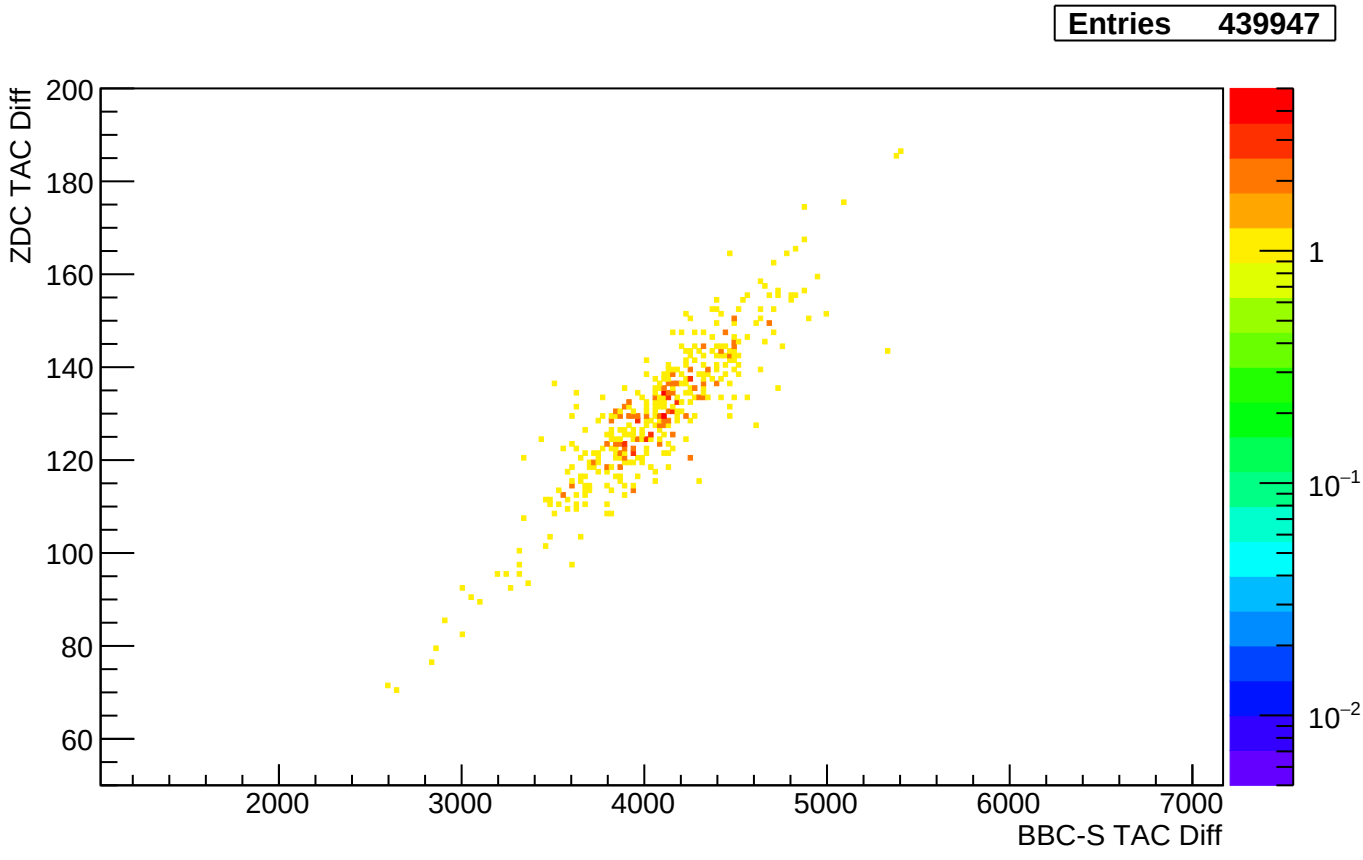

Entries 439947
TOF-Mult
EPD-West Hit Cnt

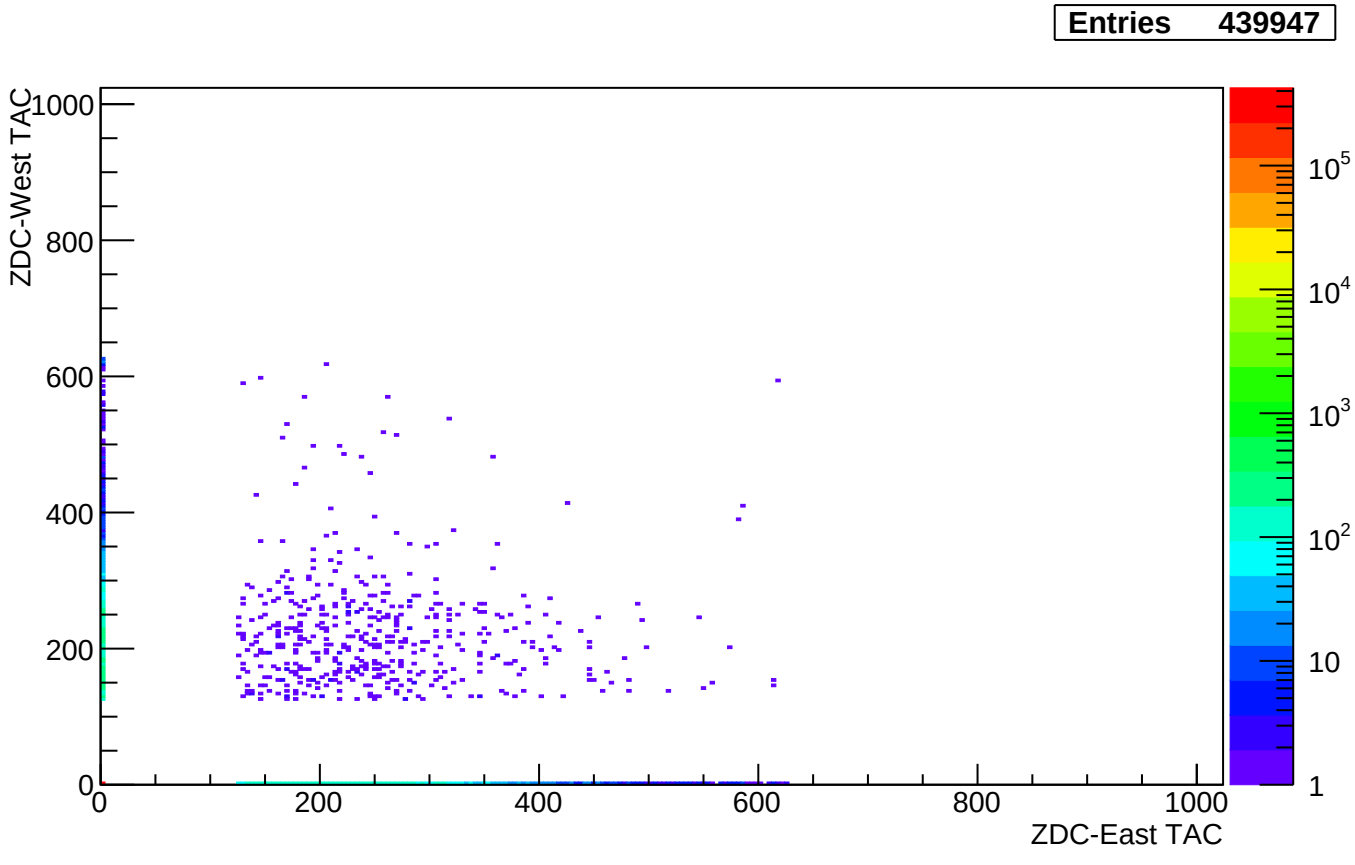

Entries 439947
TOF-Mult
VPD-East ADC Sum

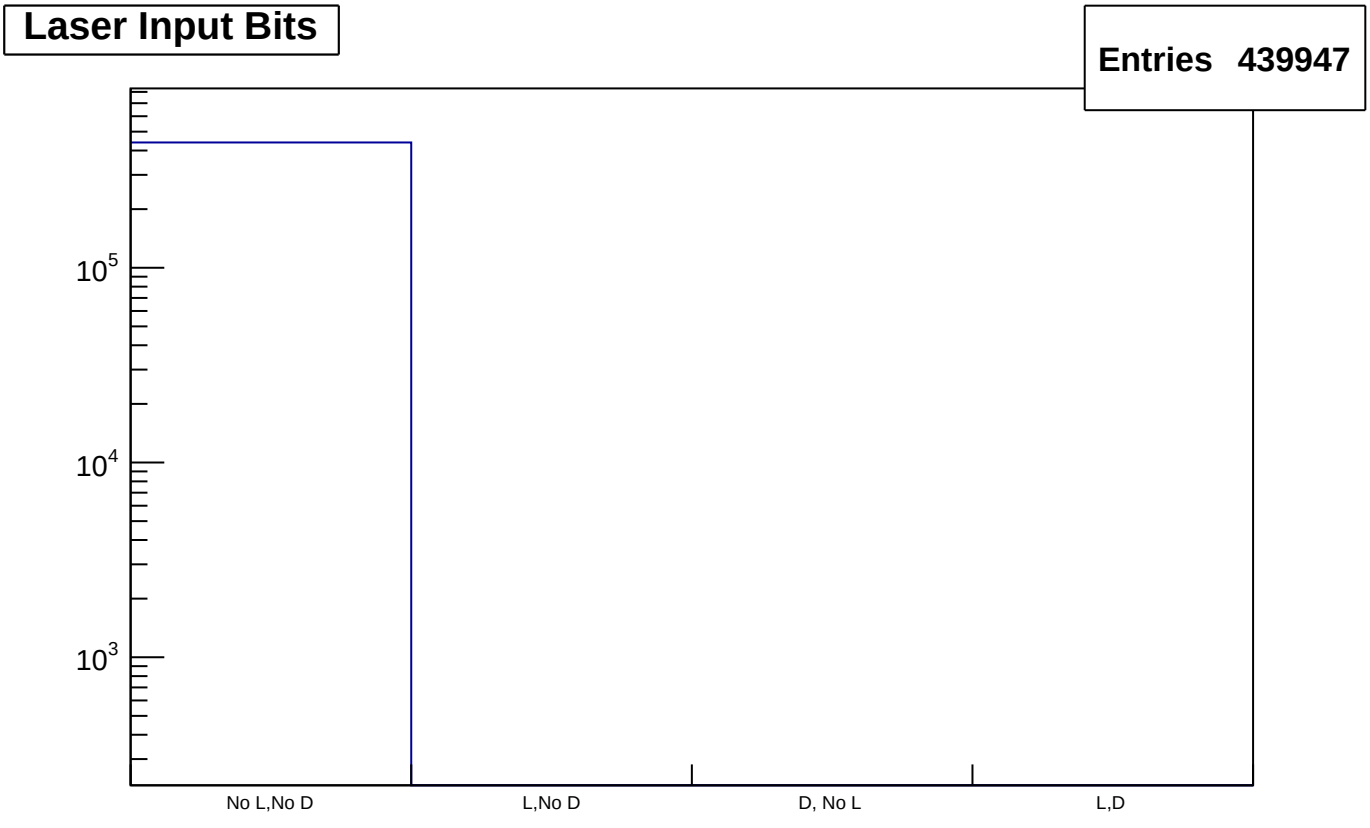

Entries 439947
TOF-Mult
VPD-West ADC Sum

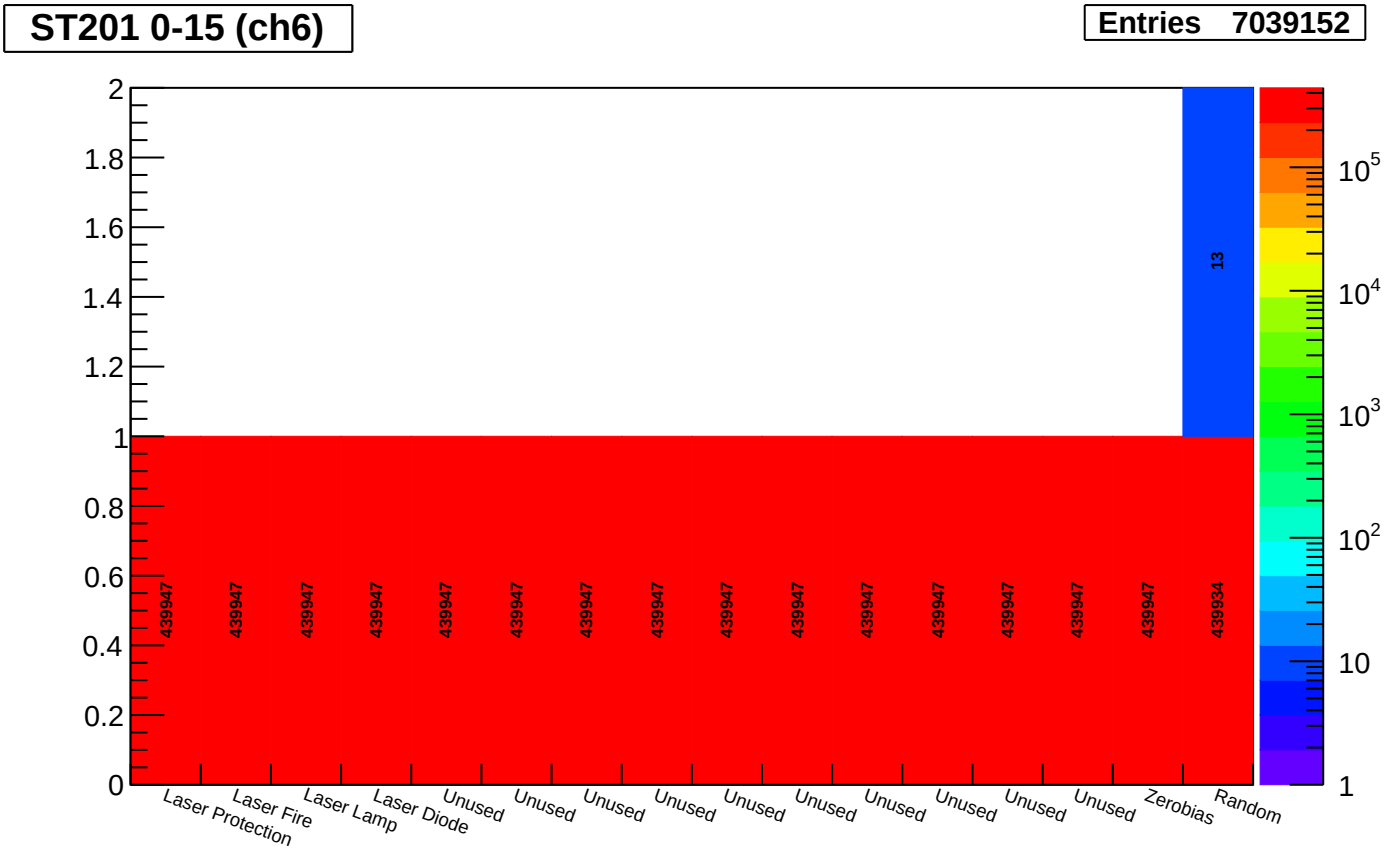

Entries 439947
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

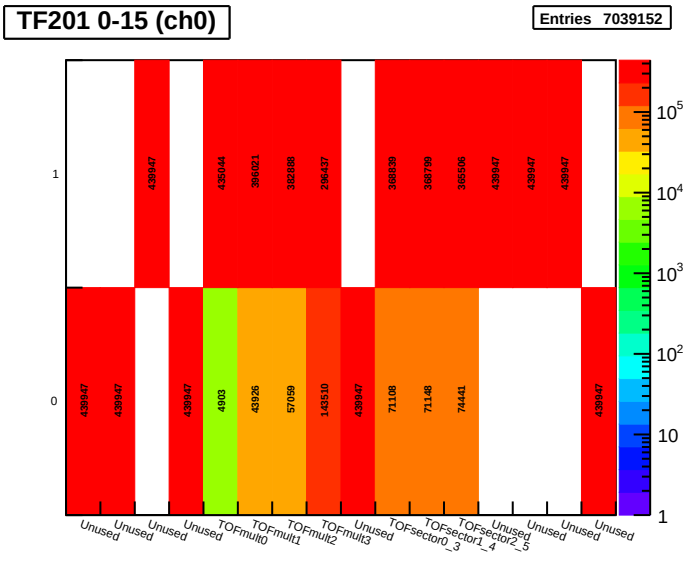

Entries 439947
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

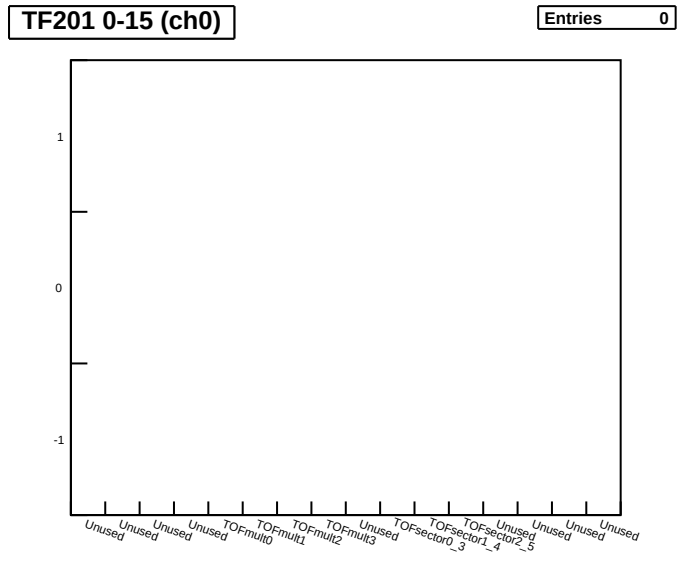

Entries 439947
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

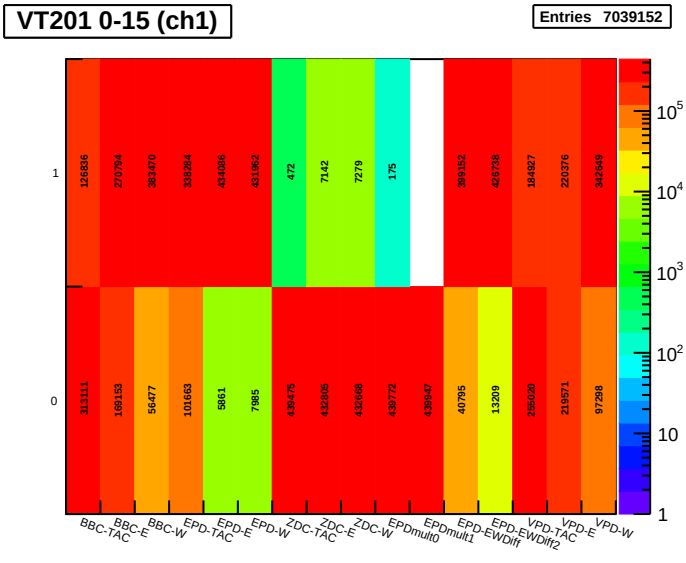

Entries 439947
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

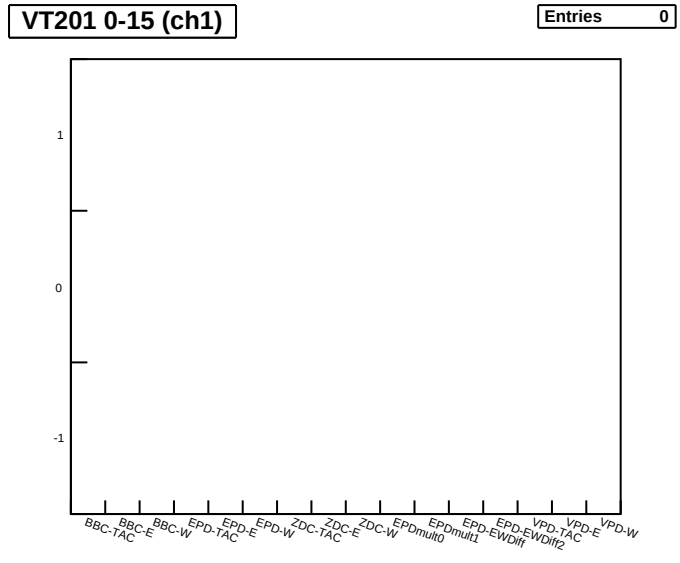

Laser Input Bits
Entries 439947
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

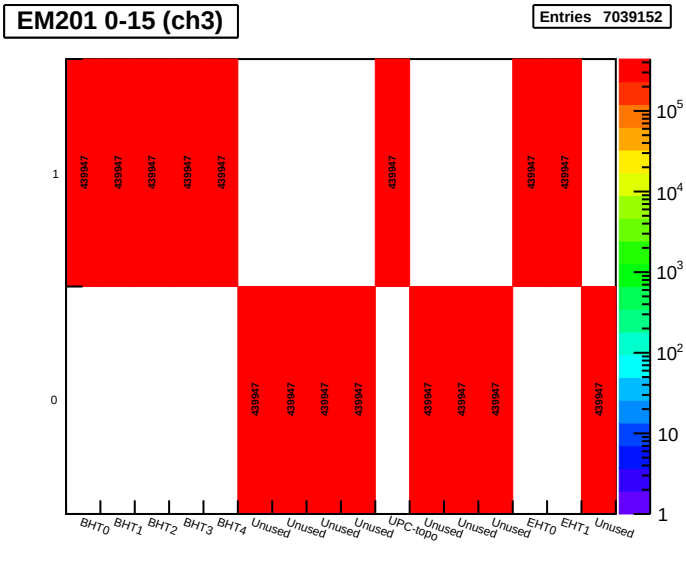

ST201 0-15 (ch6)
Entries 7039152
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13
439947
439934
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

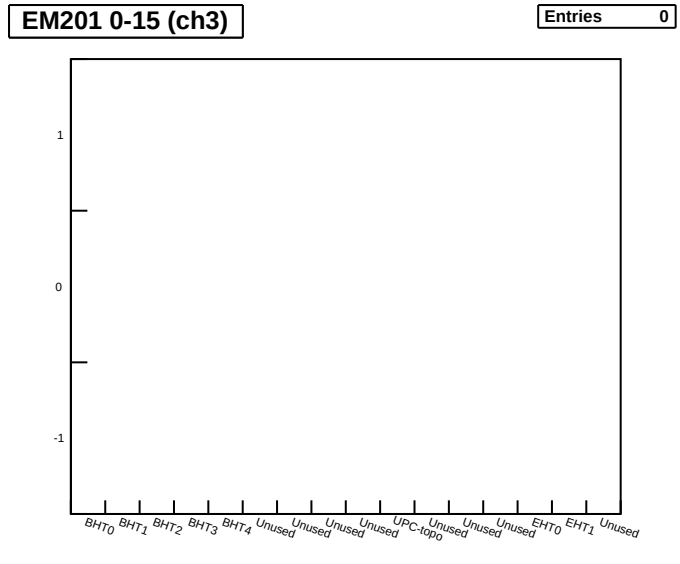

TF201 0-15 (ch0)
Entries 7039152
1
0
439947
435044
396021
382888
296437
368839
368799
365506
439947
439947
439947
439947
439947
439947
4903
45926
57059
143510
439947
71108
71148
74441
439947
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7039152
1
0
126836
270794
363470
338284
434086
431962
472
7142
7279
175
399152
426738
184927
220376
342649
313111
169153
56477
101663
5061
7985
439475
432805
432668
439772
439947
40795
13209
255020
219571
97298
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 7039152
1
0
439947
439947
439947
439947
439947
439947
439947
439947
439947
439947
439947
439947
439947
439947
439947
439947
439947
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