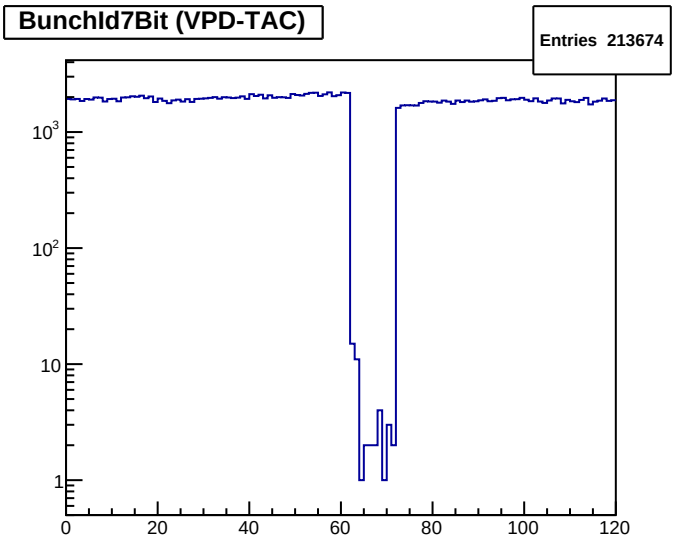
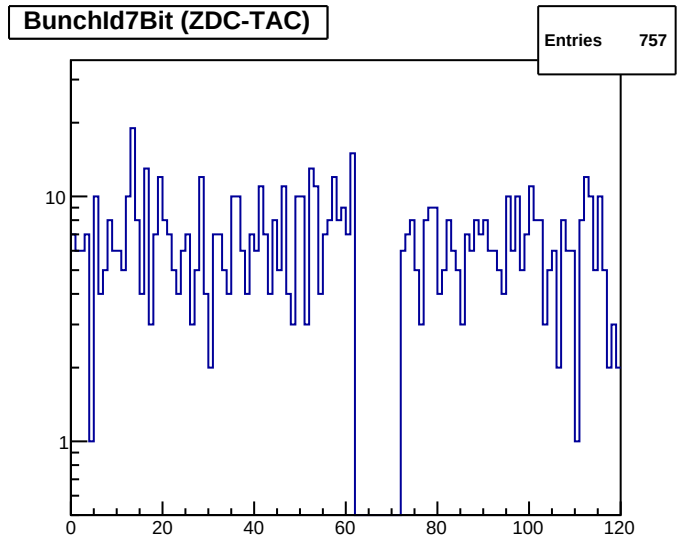
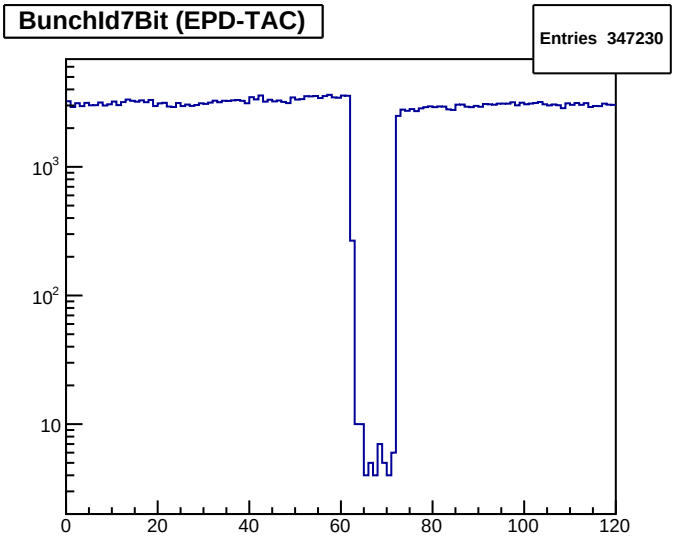
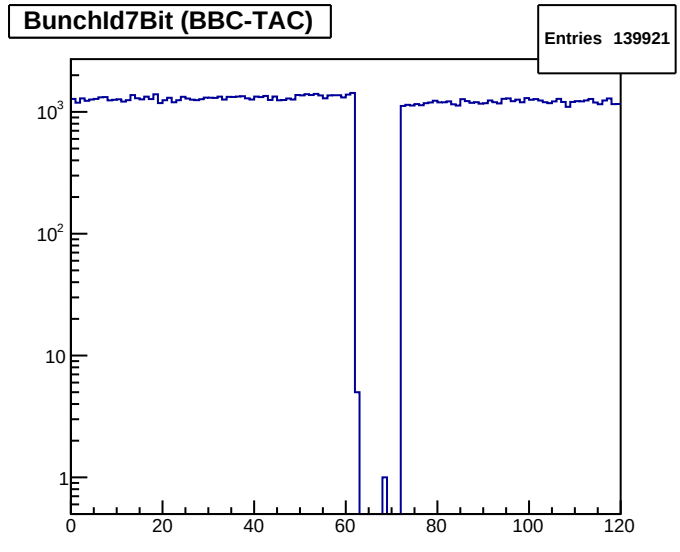
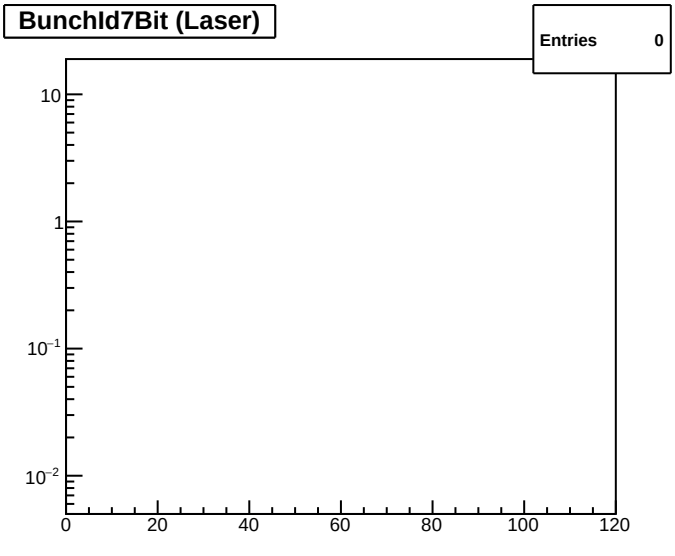
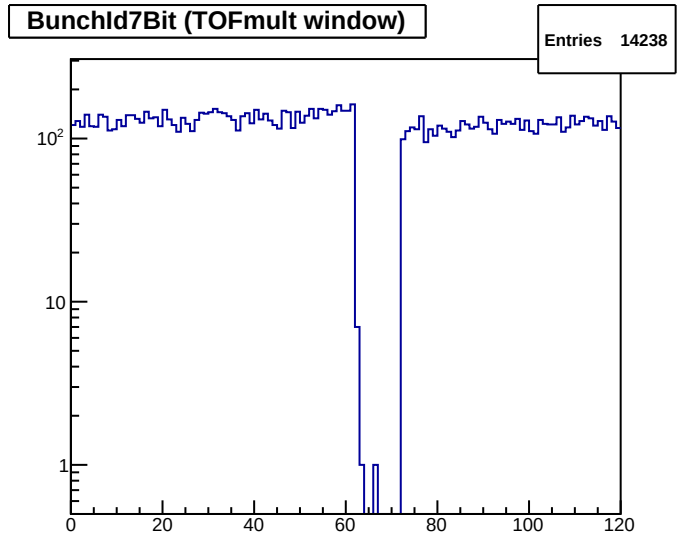

BunchId7Bit (VPD-TAC)
Entries 213674

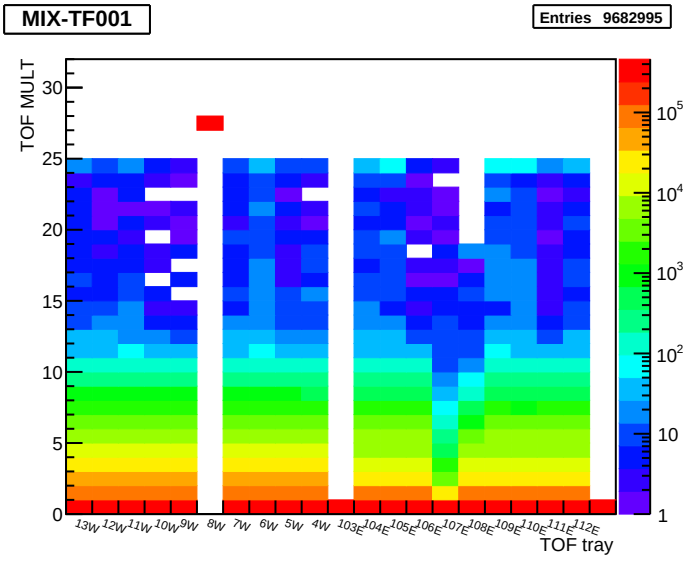

BunchId7Bit (ZDC-TAC)
Entries 757

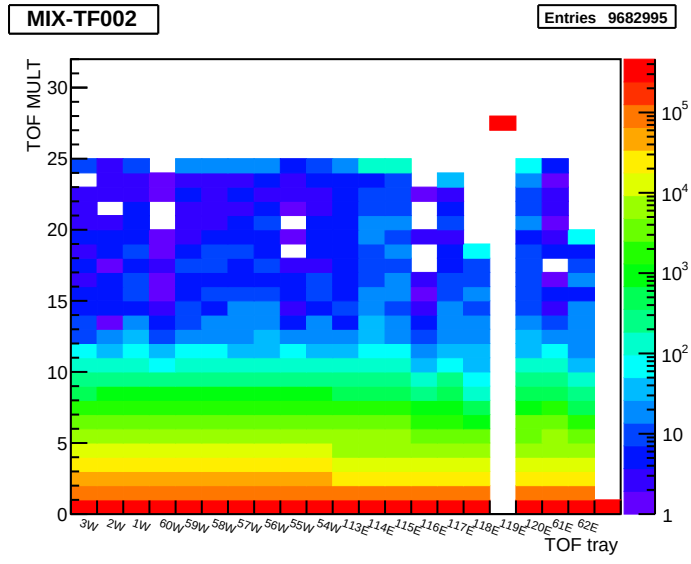

BunchId7Bit (EPD-TAC)
Entries 347230

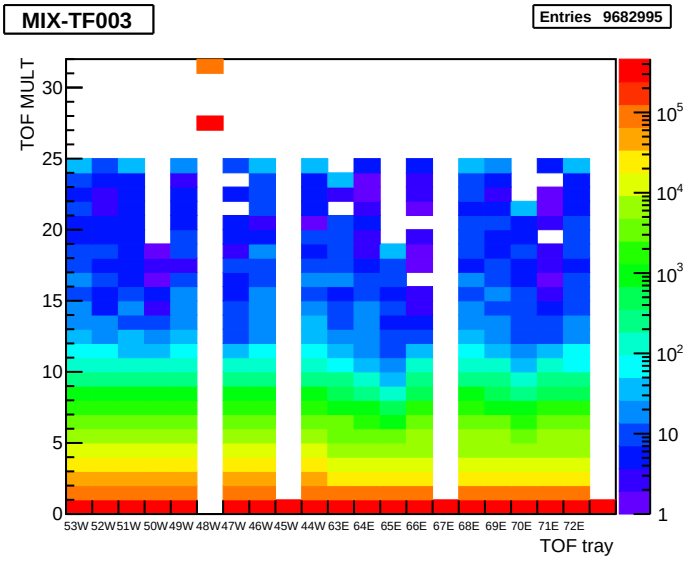

BunchId7Bit (BBC-TAC)
Entries 139921

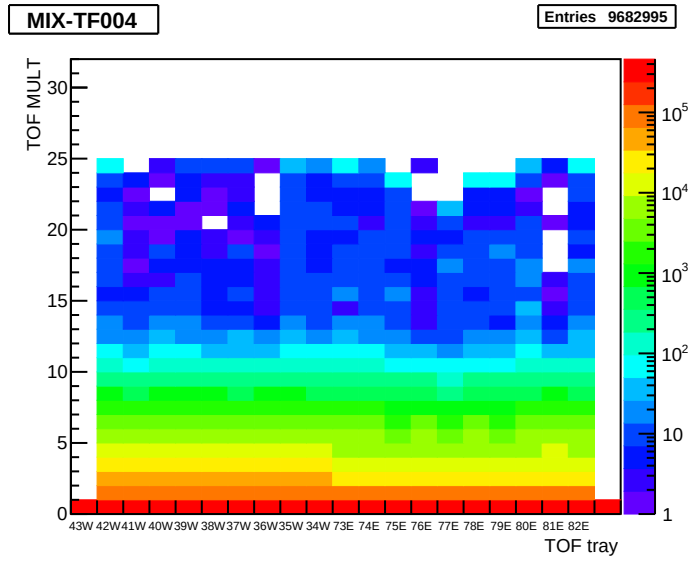

BunchId7Bit (Laser)
Entries 0

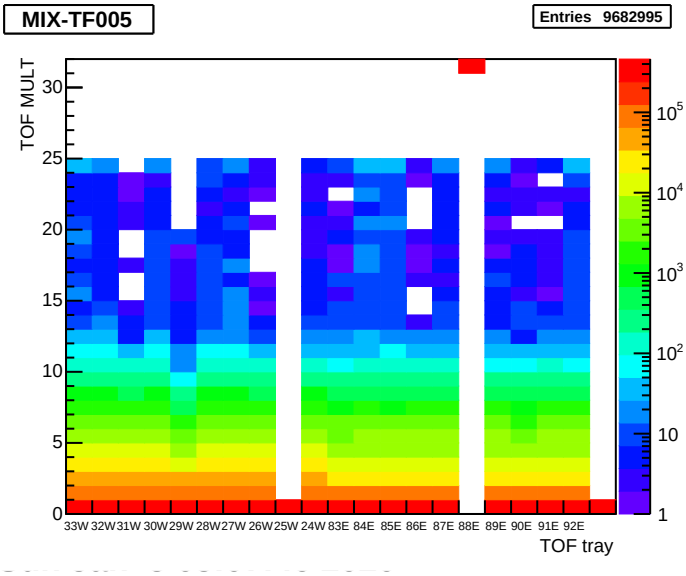

BunchId7Bit (TOFmult window)
Entries 14238

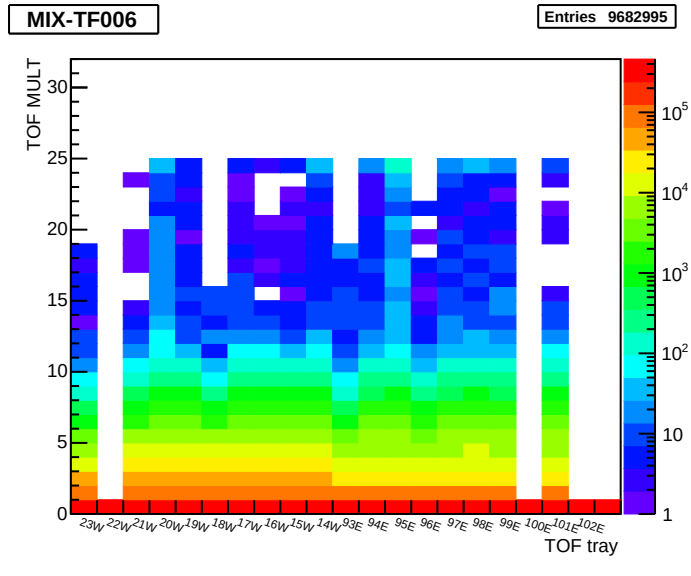

MIX-TF001
Entries 9682995
TOF MULT
TOF tray

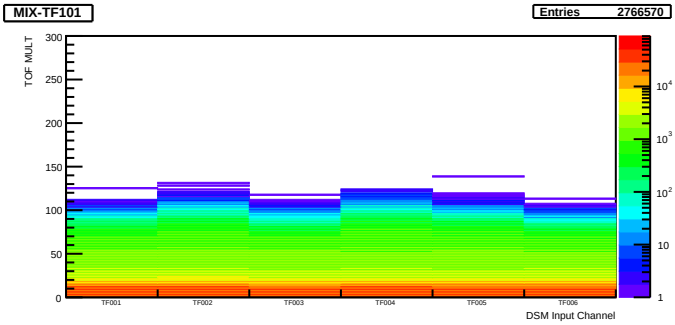

MIX-TF002
Entries 9682995
TOF MULT
TOF tray

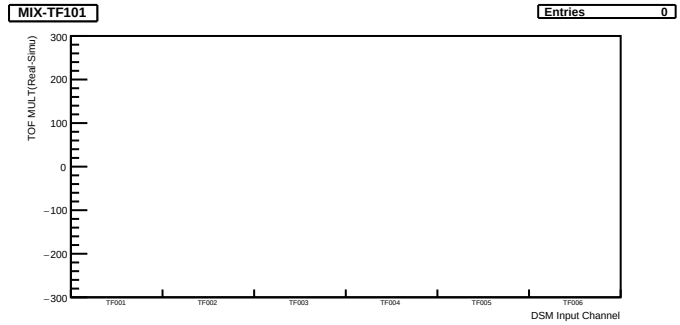

MIX-TF003
Entries 9682995
TOF MULT
TOF tray

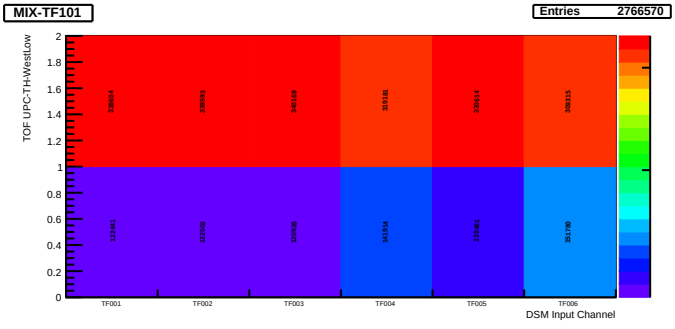

MIX-TF004
Entries 9682995
TOF MULT
TOF tray

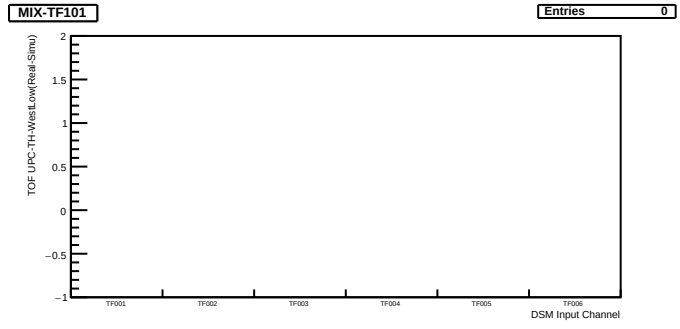

MIX-TF005
Entries 9682995
TOF MULT
TOF tray

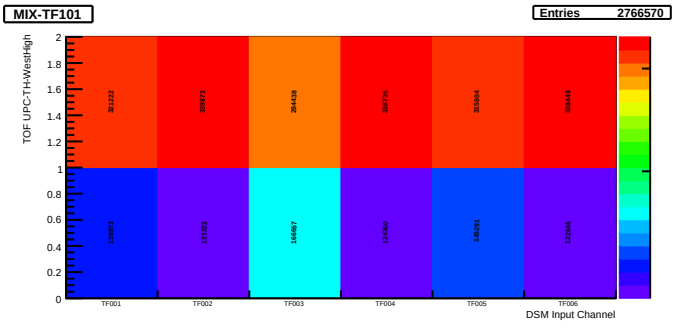

MIX-TF006
Entries 9682995
TOF MULT
TOF tray

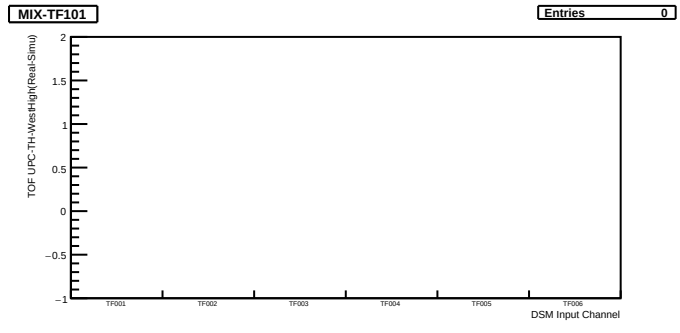

MIX-TF101
Entries 2766570
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

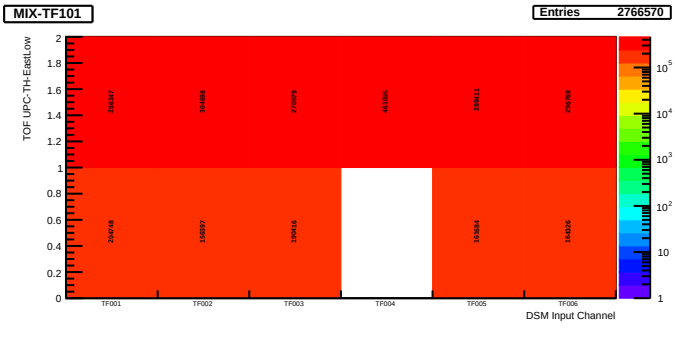

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

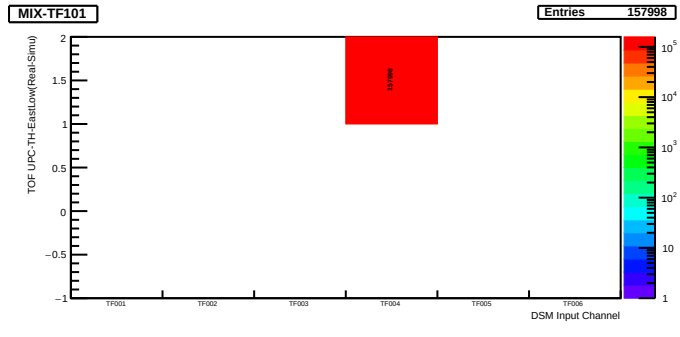

MIX-TF101
Entries 2766570
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

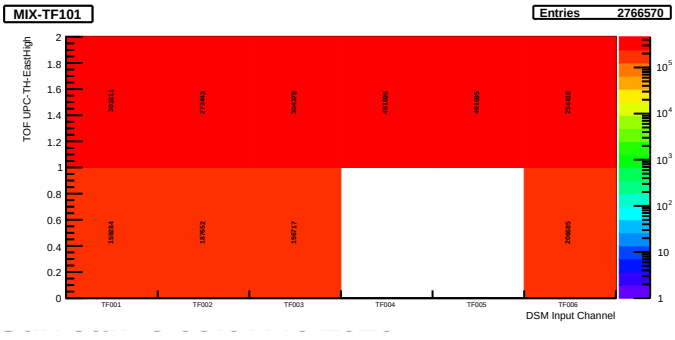

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

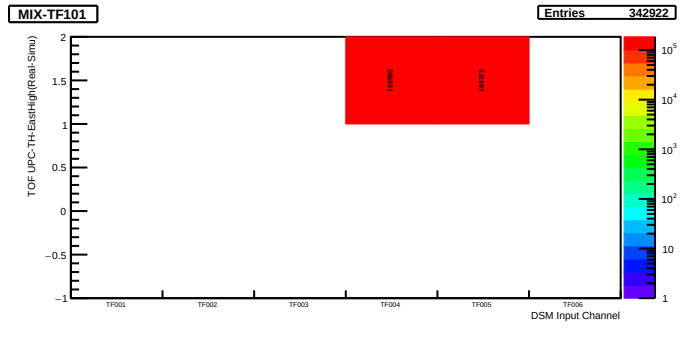

MIX-TF101
Entries 2766570
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

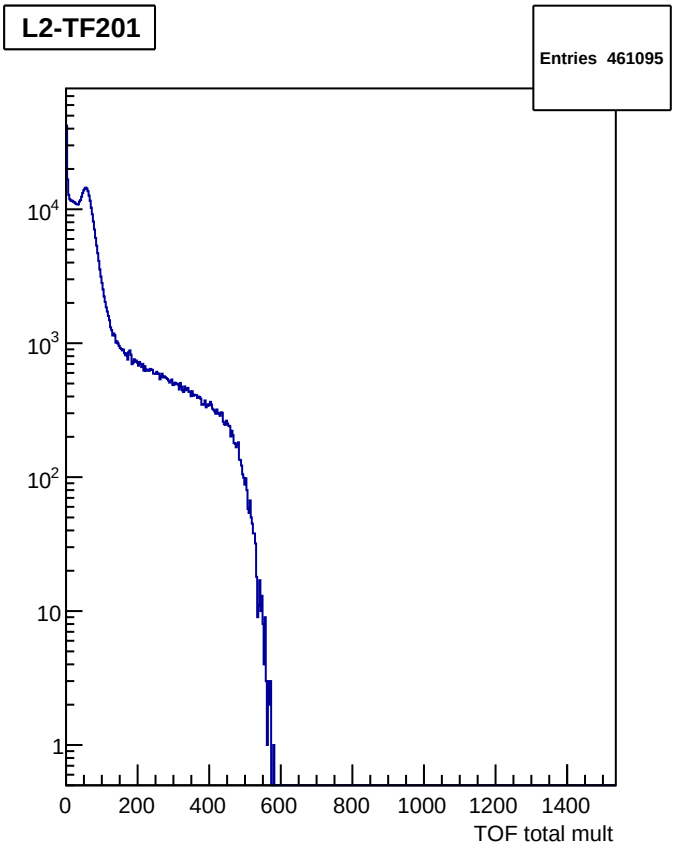

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

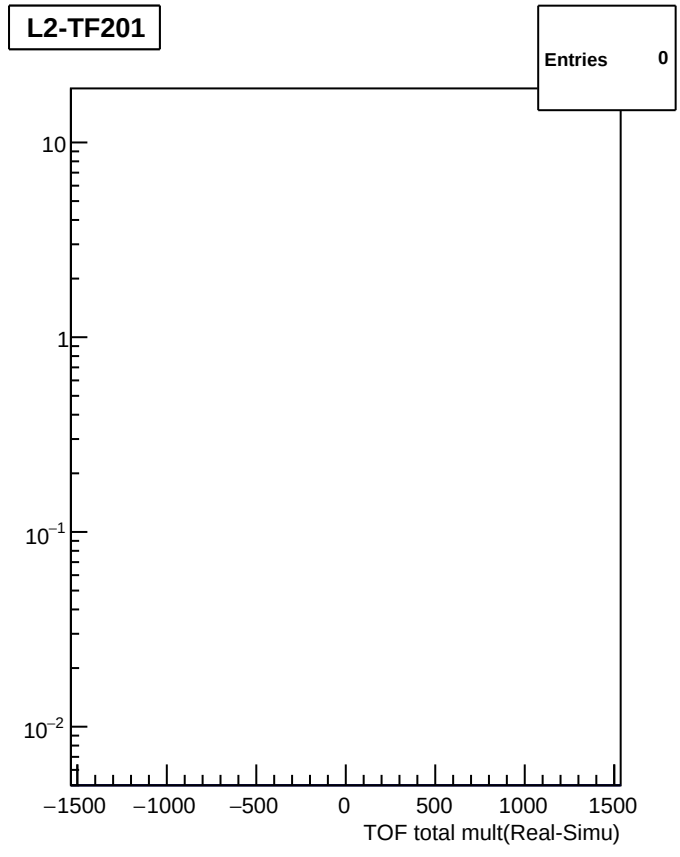

MIX-TF101
Entries 2766570
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

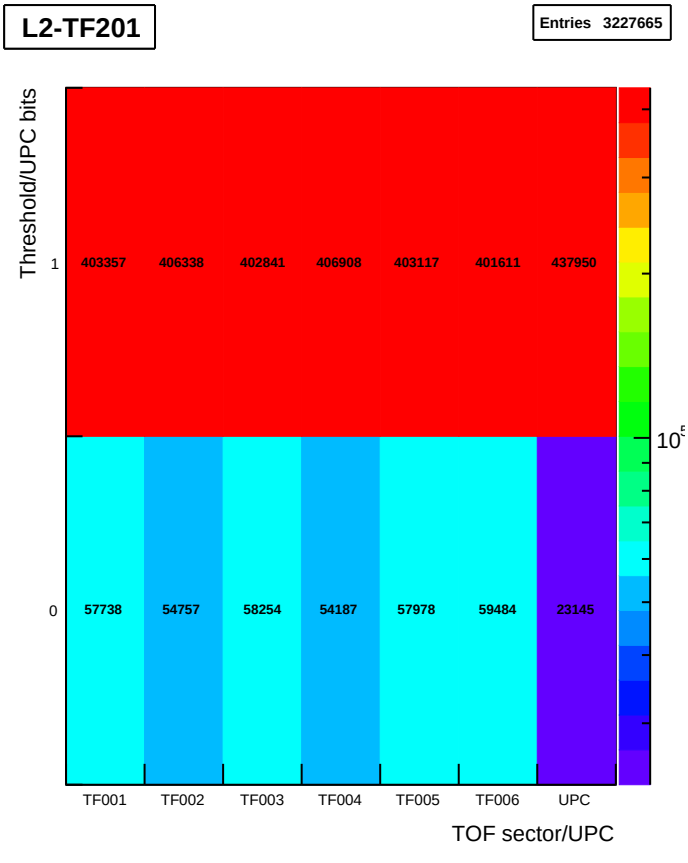

MIX-TF101
Entries 157998
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

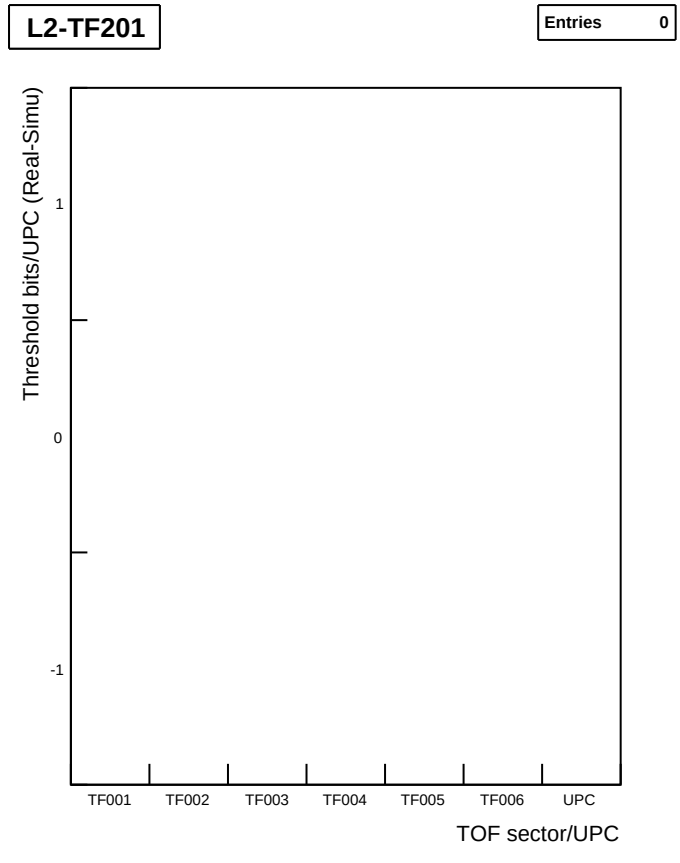

MIX-TF101
Entries 2766570
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

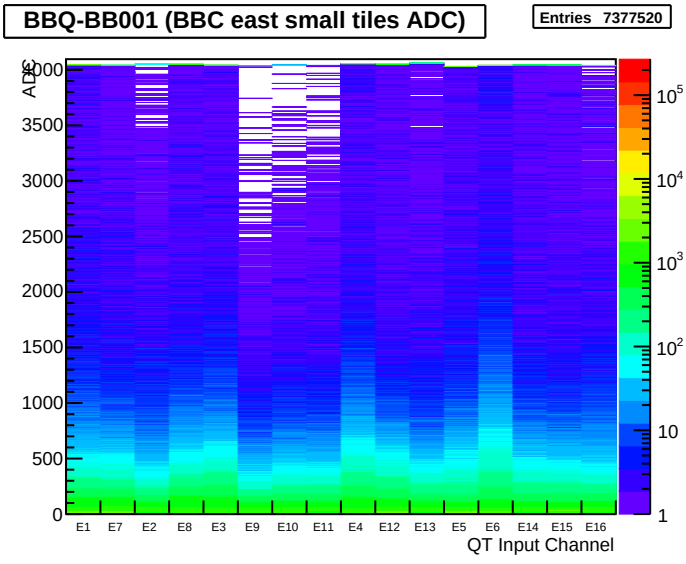

MIX-TF101
Entries 342922
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

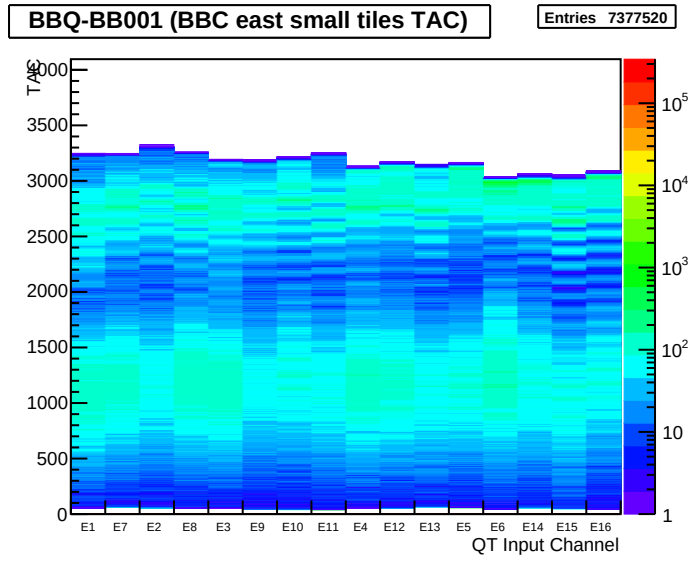

L2-TF201
Entries 461095
TOF total mult

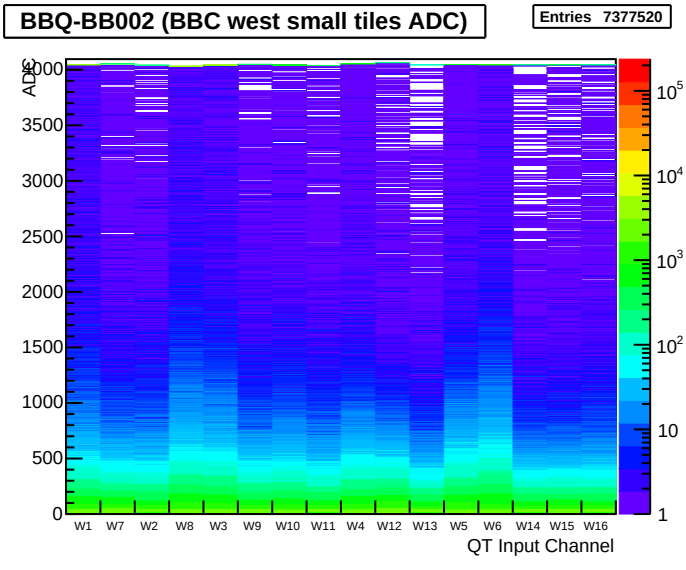

L2-TF201
Entries 0
TOF total mult(Real-Simu)

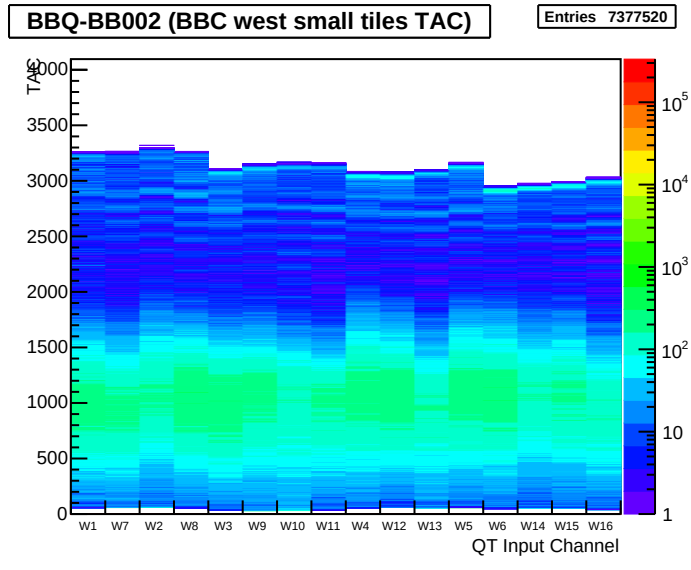

L2-TF201
Entries 3227665
Threshold/UPC bits
403357
406338
402841
406908
403117
401611
437950
57738
54757
58254
54187
57978
59484
23145
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

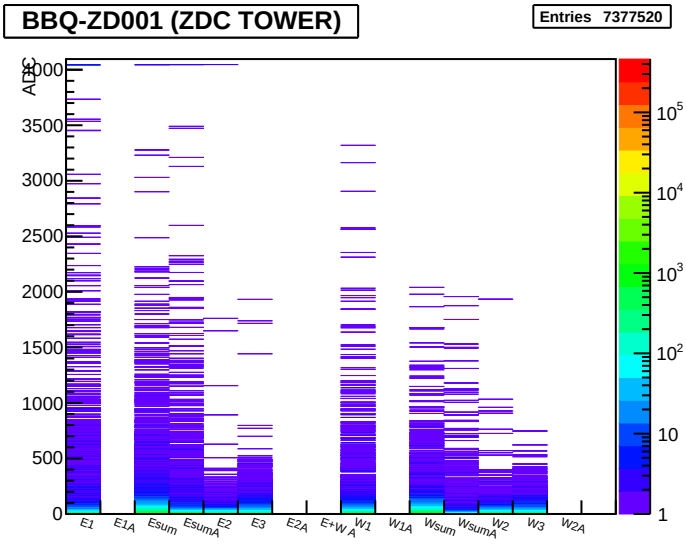

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

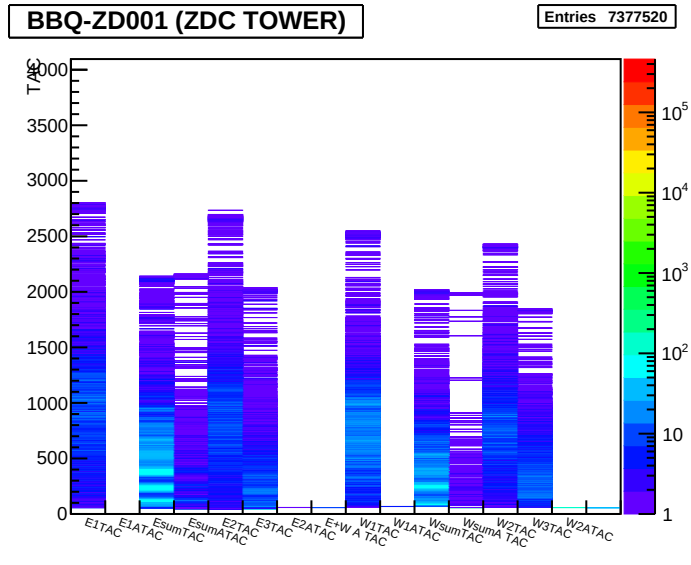

BBQ-BB001 (BBC east small tiles ADC)
Entries 7377520
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

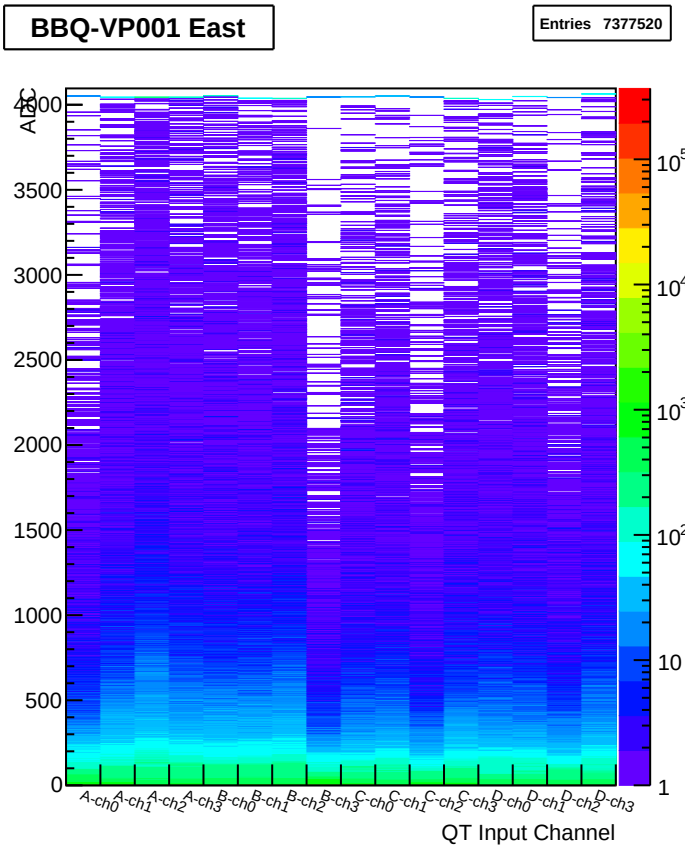

BBQ-BB001 (BBC east small tiles TAC)
Entries 7377520
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

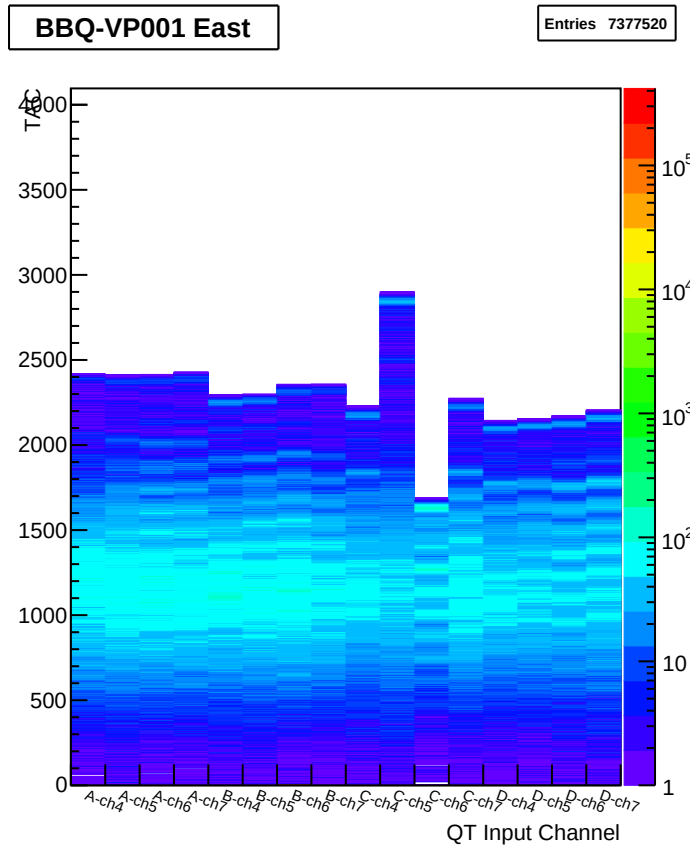

BBQ-BB002 (BBC west small tiles ADC)
Entries 7377520
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

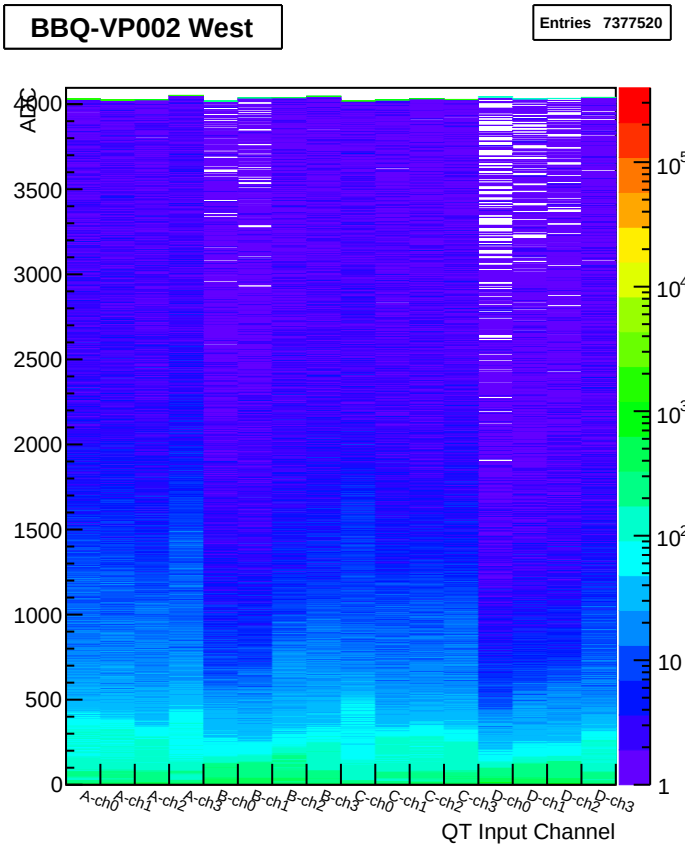

BBQ-BB002 (BBC west small tiles TAC)
Entries 7377520
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

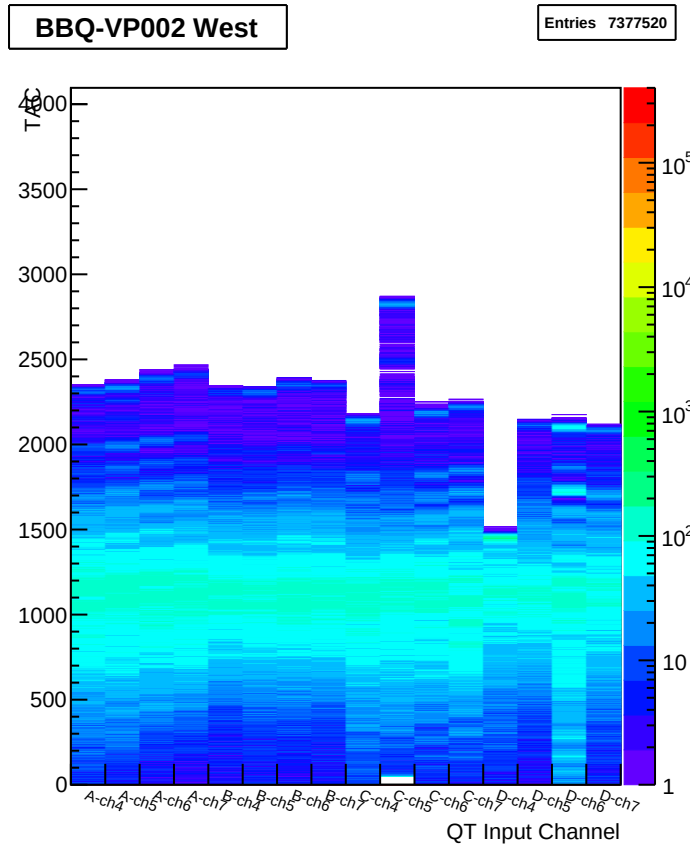

BBQ-ZD001 (ZDC TOWER)
Entries 7377520
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

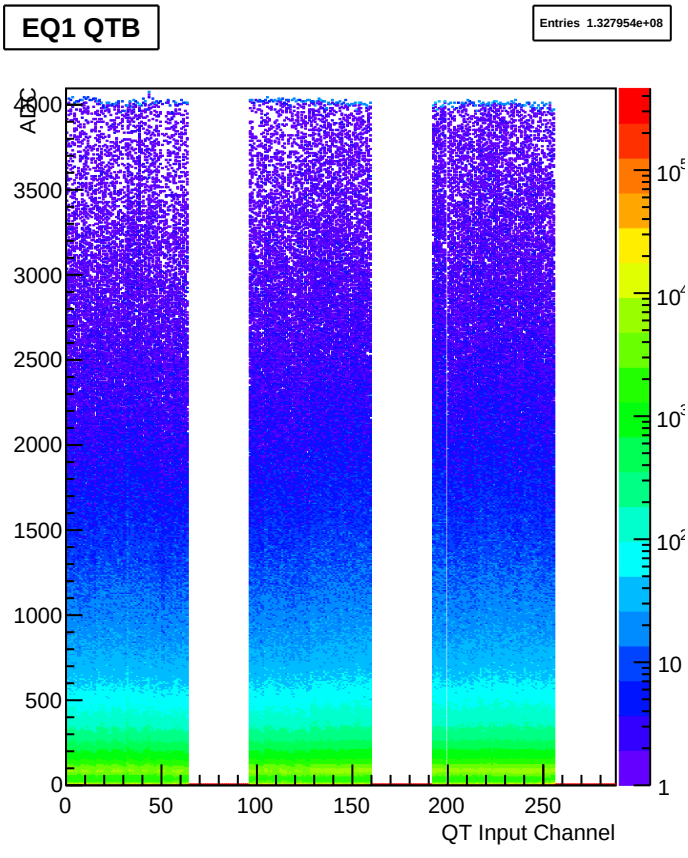

BBQ-ZD001 (ZDC TOWER)
Entries 7377520
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

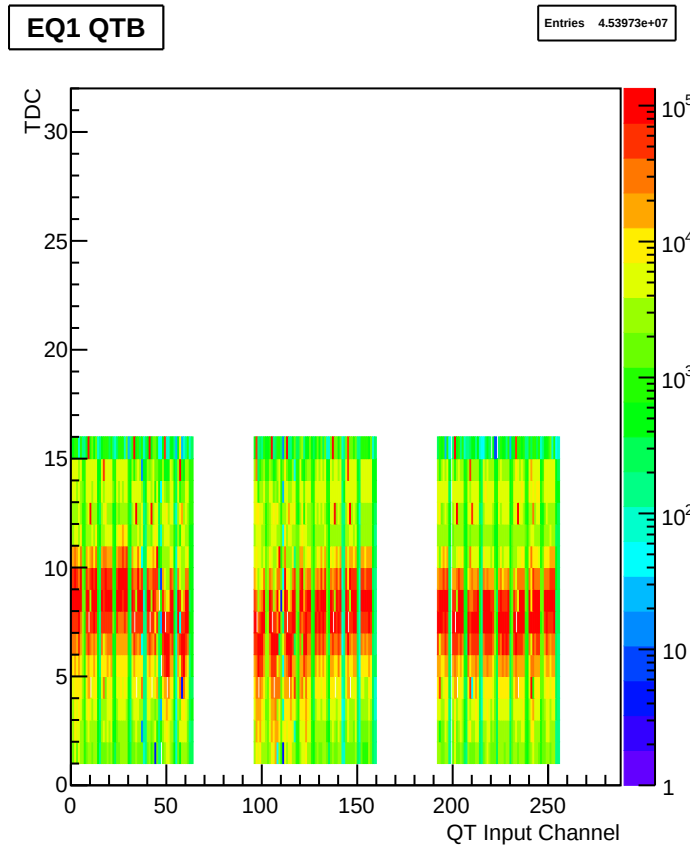

BBQ-VP001 East
Entries 7377520
ADC
QT Input Channel

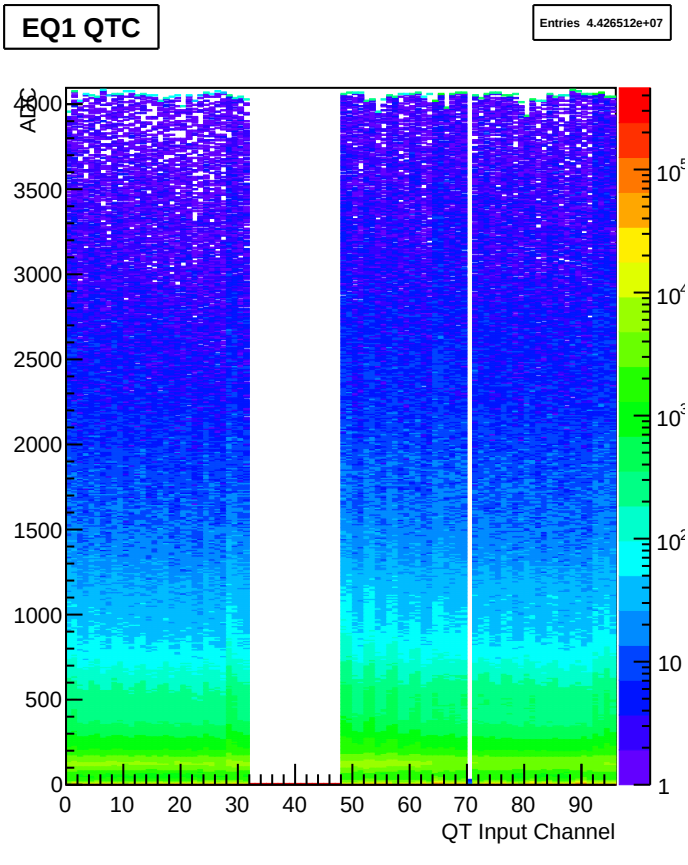

BBQ-VP001 East
Entries 7377520
TADC
QT Input Channel

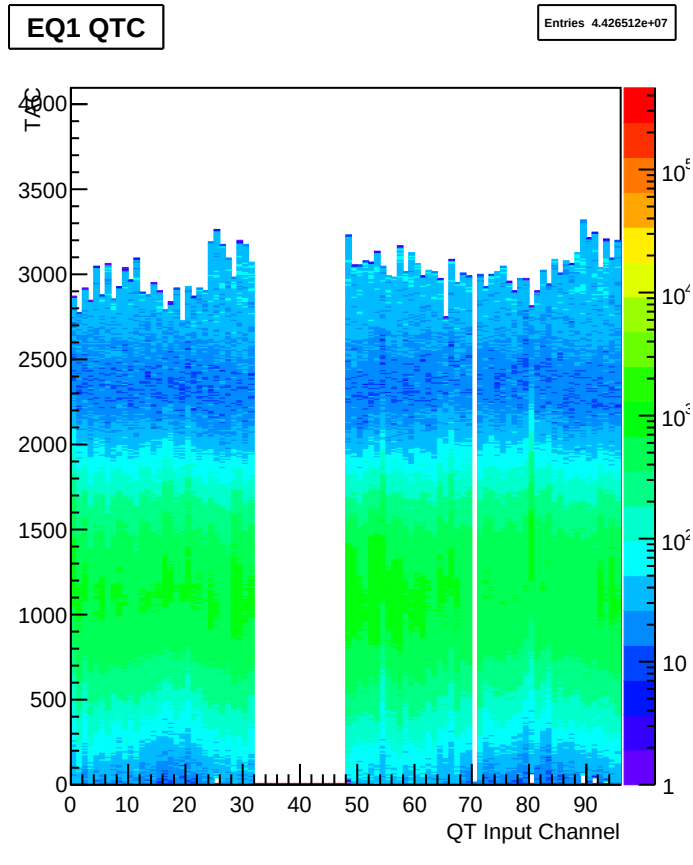

BBQ-VP002 West
Entries 7377520
ADC
QT Input Channel

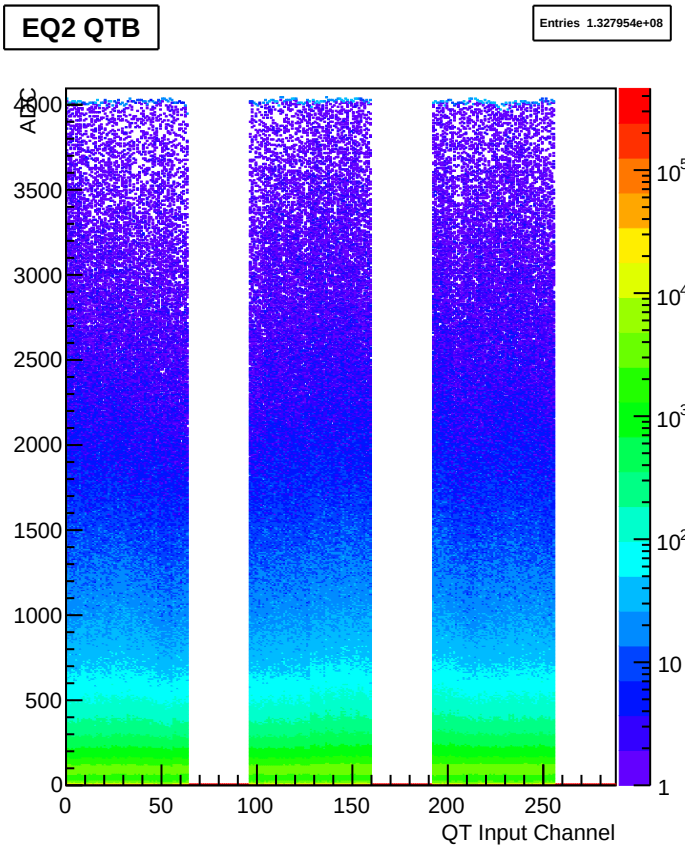

BBQ-VP002 West
Entries 7377520
TADC
QT Input Channel

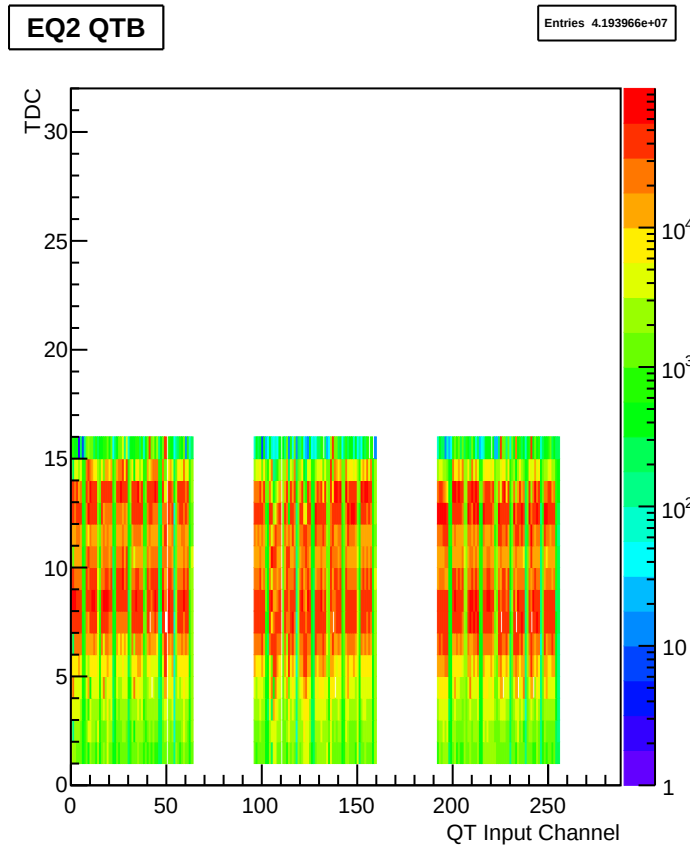

EQ1 QTB
Entries 1.327954e+08
ADC
QT Input Channel

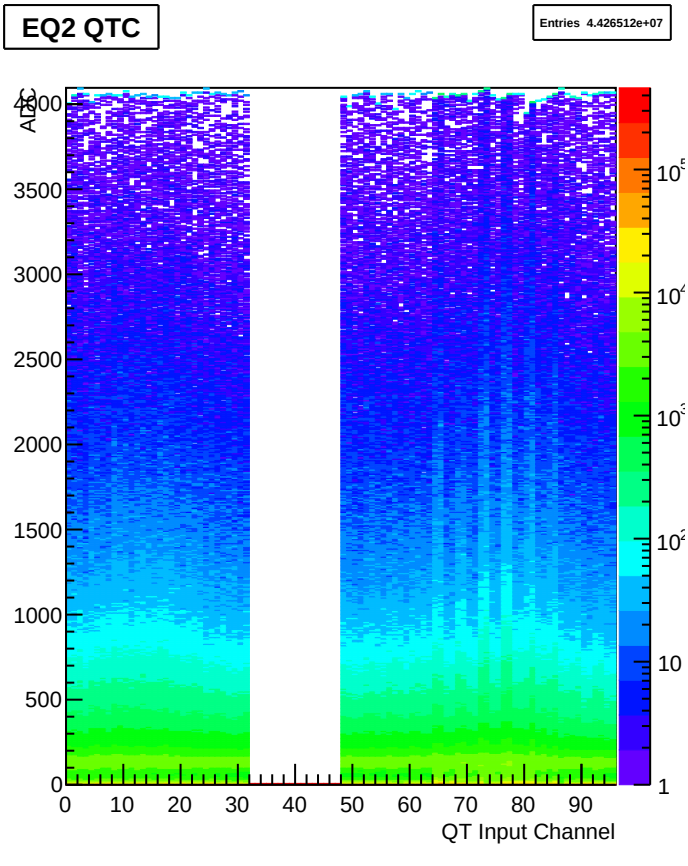

EQ1 QTB
Entries 4.53973e+07
TDC
QT Input Channel

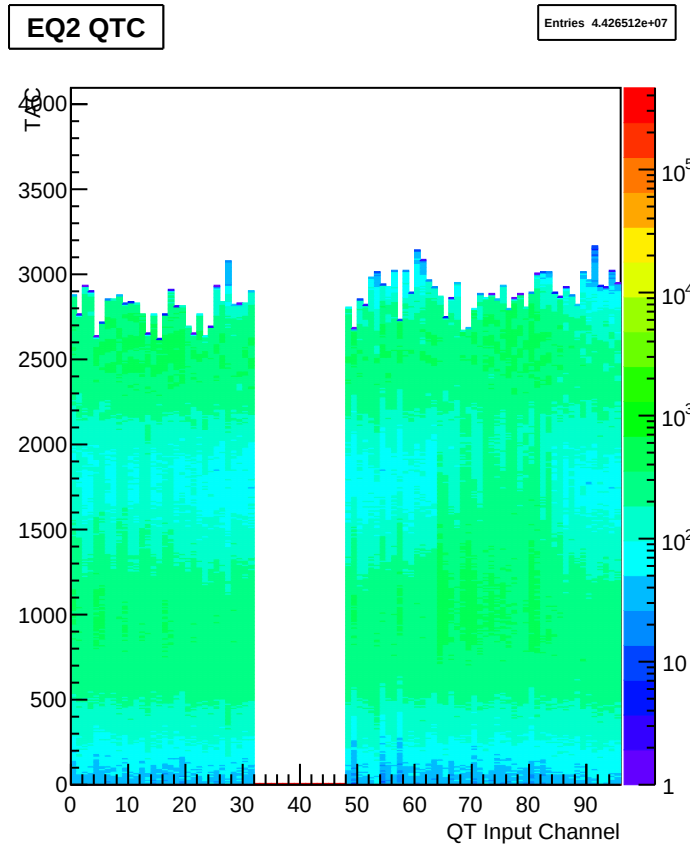

EQ1 QTC
Entries 4.426512e+07
ADC
QT Input Channel

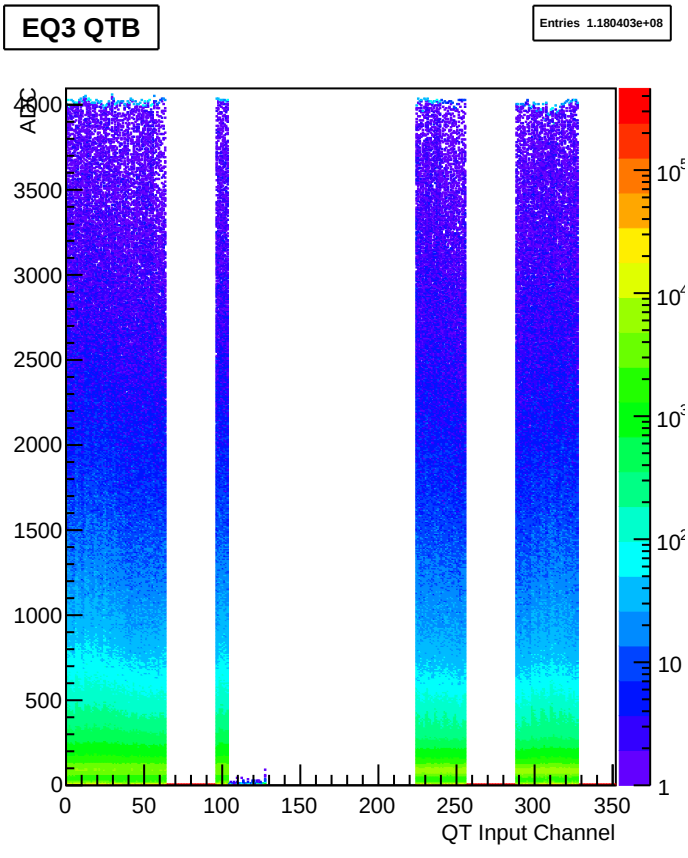

EQ1 QTC
Entries 4.426512e+07
TADC
QT Input Channel

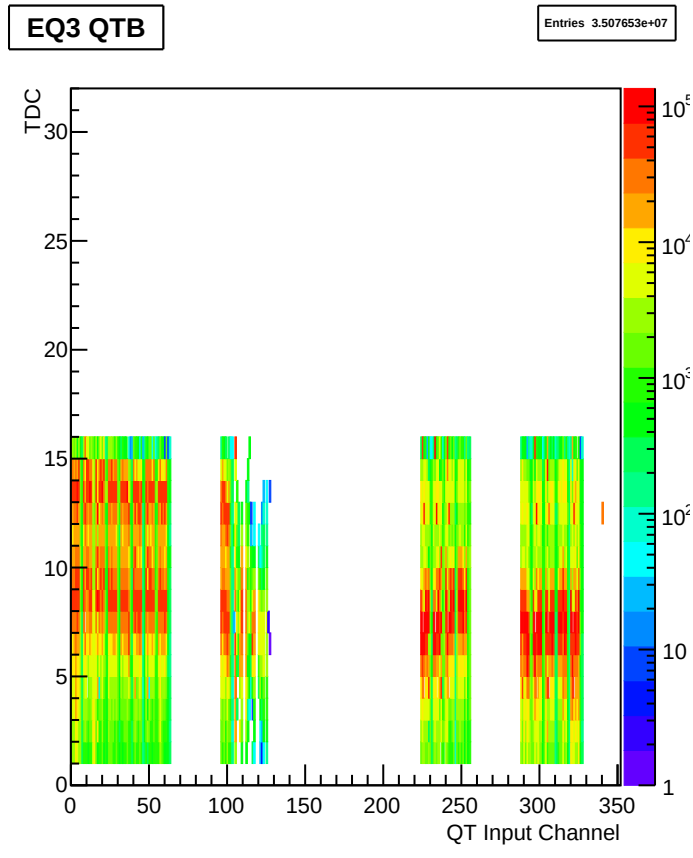

EQ2 QTB
Entries 1.327954e+08
ADC
QT Input Channel

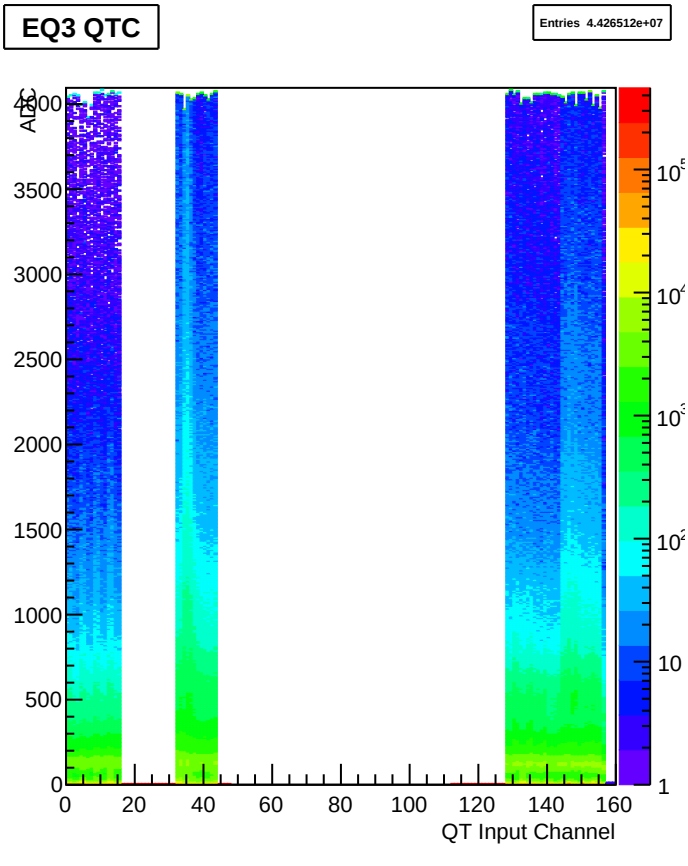

EQ2 QTB
Entries 4.193966e+07
TDC
QT Input Channel

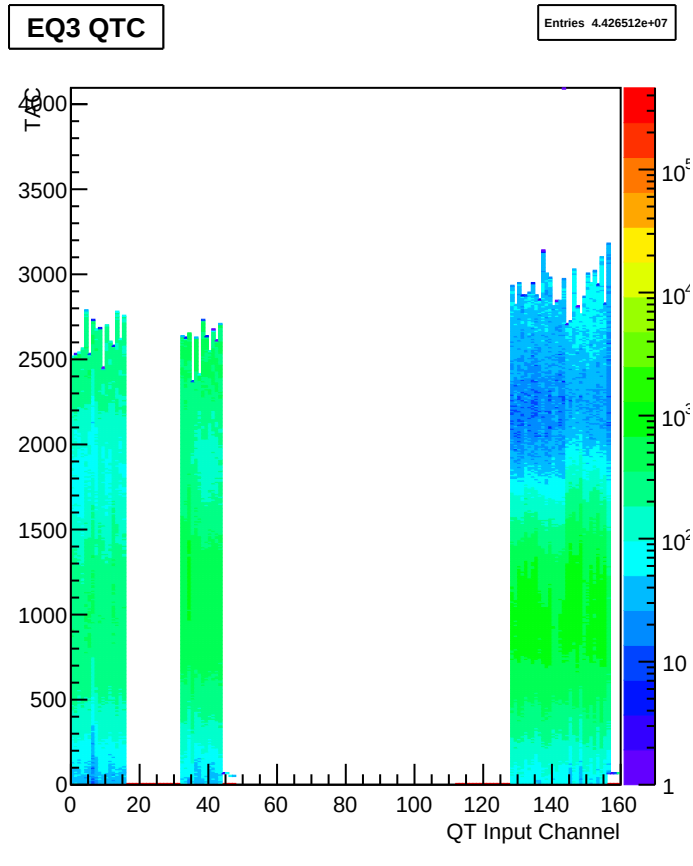

EQ2 QTC
Entries 4.426512e+07
ADC
QT Input Channel

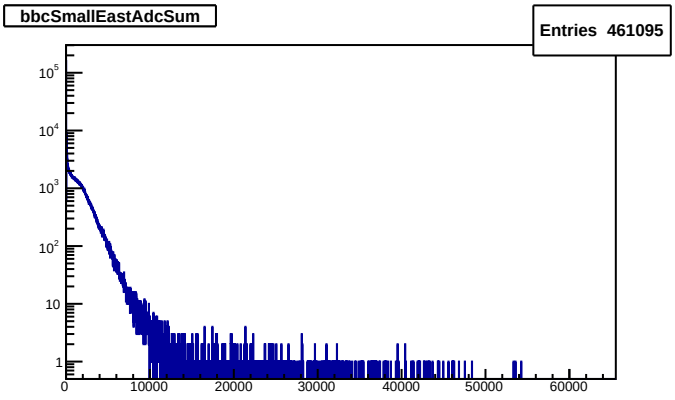

EQ2 QTC
Entries 4.426512e+07
TADC
QT Input Channel

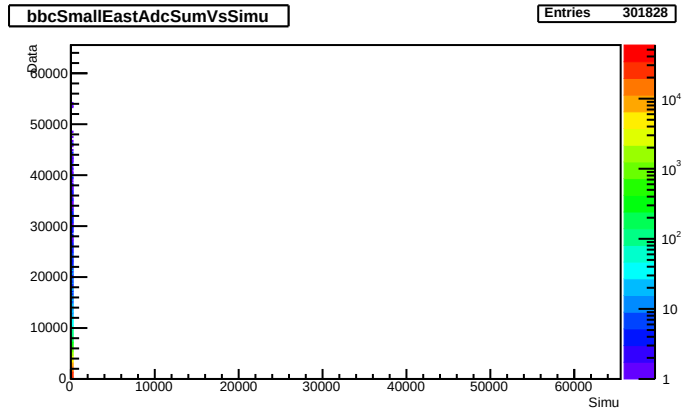

EQ3 QTB
Entries 1.180403e+08
ADC
QT Input Channel

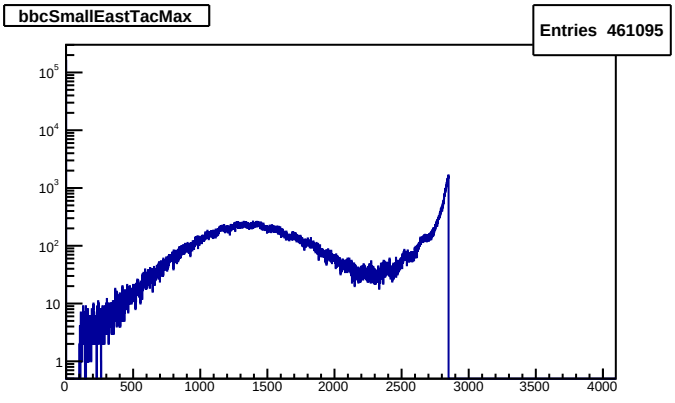

EQ3 QTB
Entries 3.507653e+07
TDC
QT Input Channel

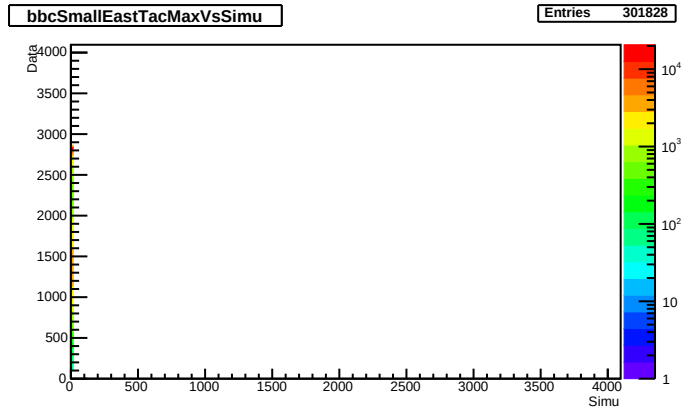

EQ3 QTC
Entries 4.426512e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.426512e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 461095


bbcSmallEastAdcSumVsSimu
Entries 301828
Data
Simu


bbcSmallEastTacMax
Entries 461095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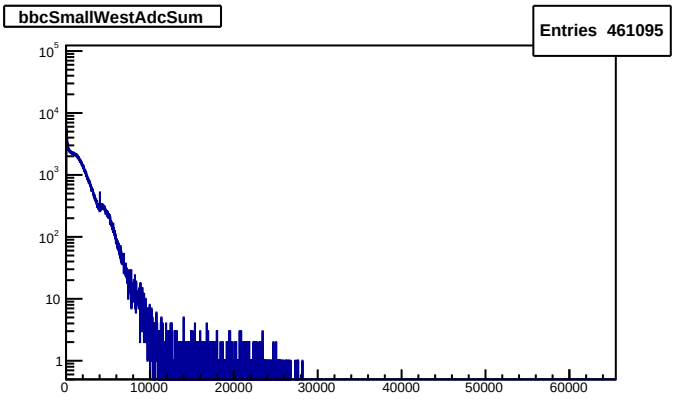
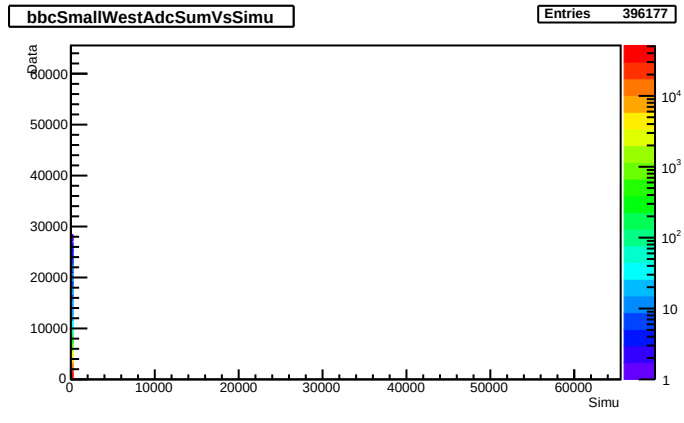
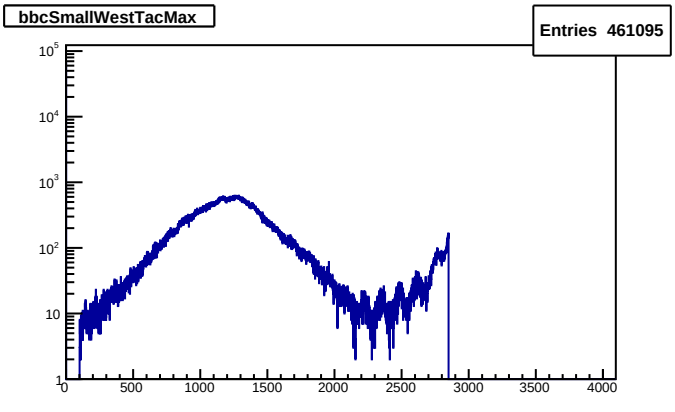
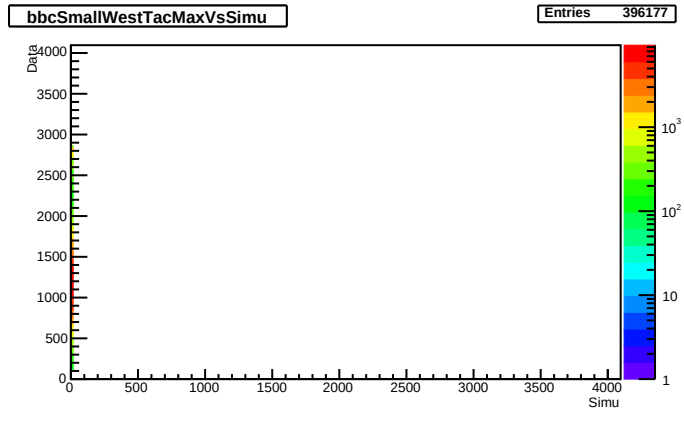
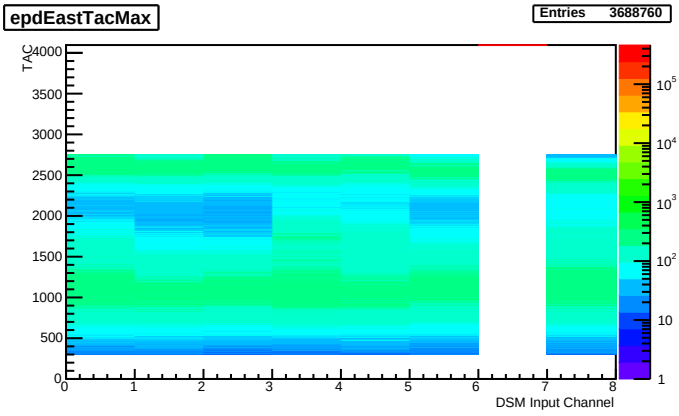
Entries 301828
Data
Simu

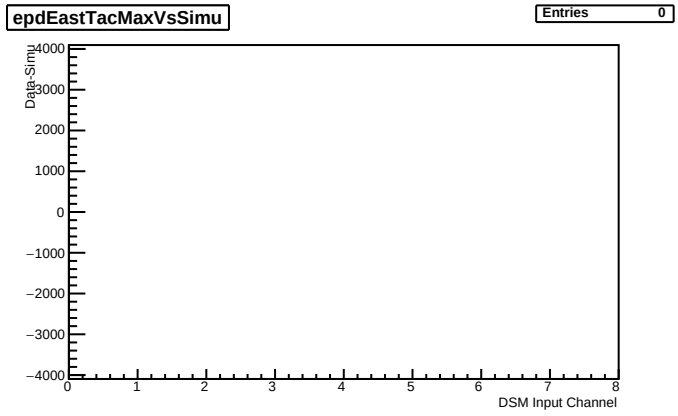

bbcSmallWestAdcSum
Entries 461095


bbcSmallWestAdcSumVsSimu
Entries 396177
Data
Simu


bbcSmallWestTacMax
Entries 461095


bbcSmallWestTacMaxVsSimu
Entries 396177
Data
Simu


epdEastTacMax
Entries 3688760
TAC
DSM Input Channel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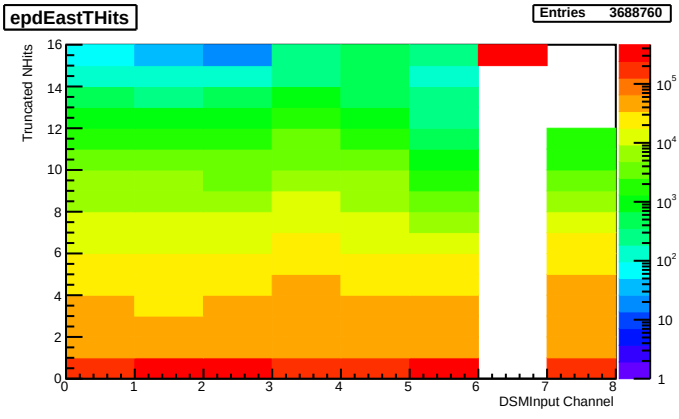
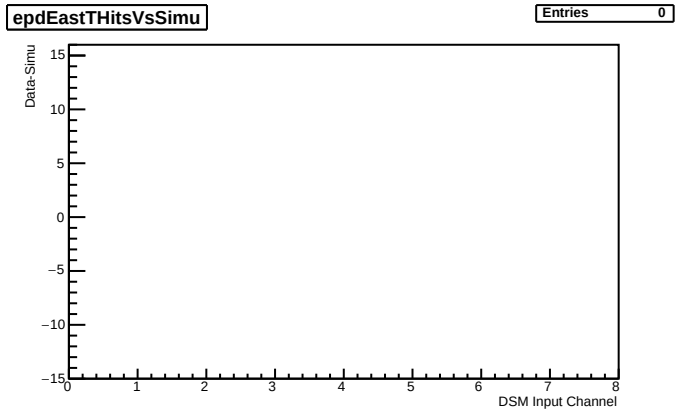
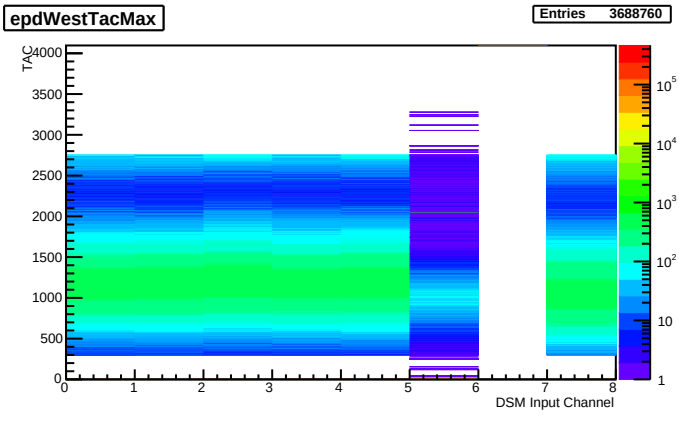
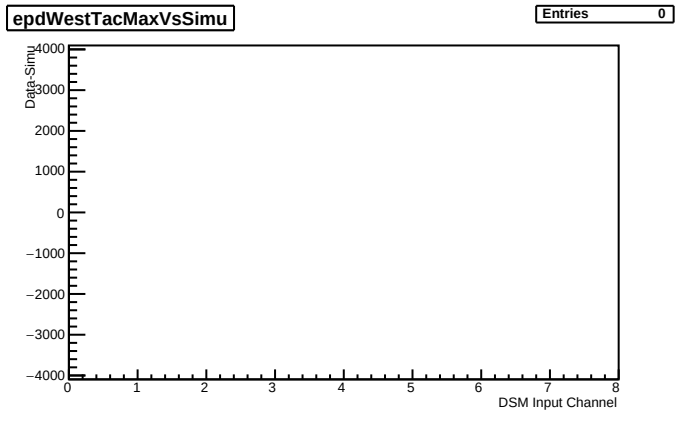
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3688760
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3688760
TAC
DSM Input Channel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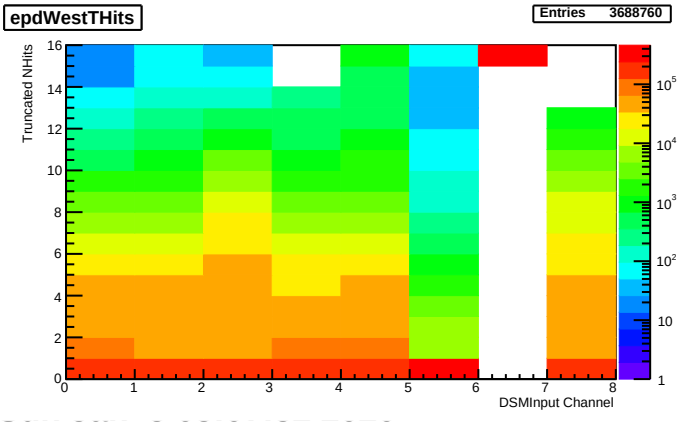
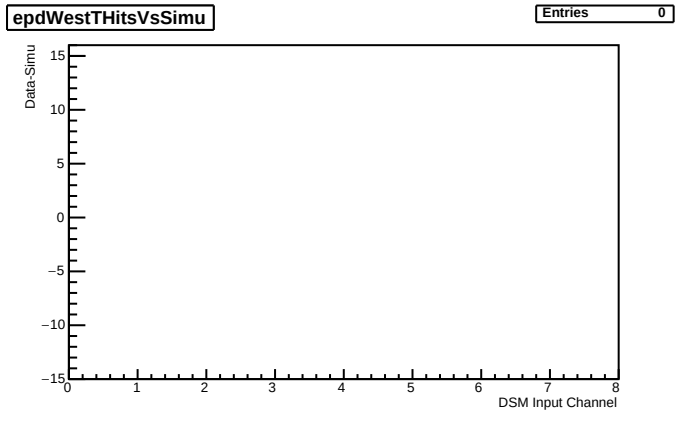
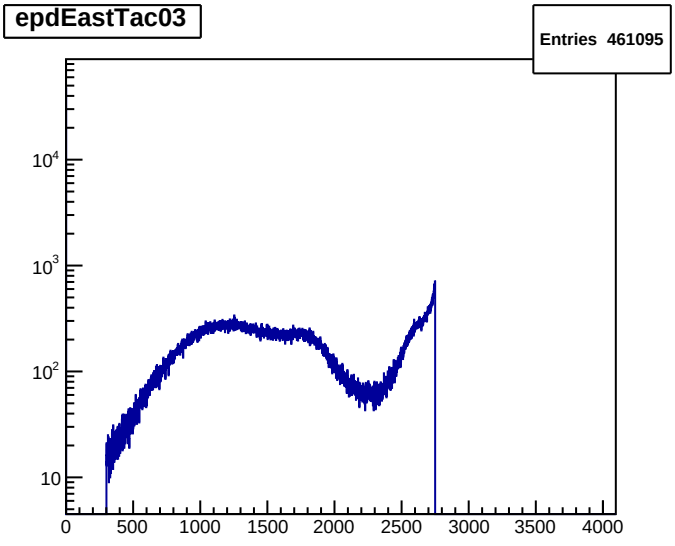
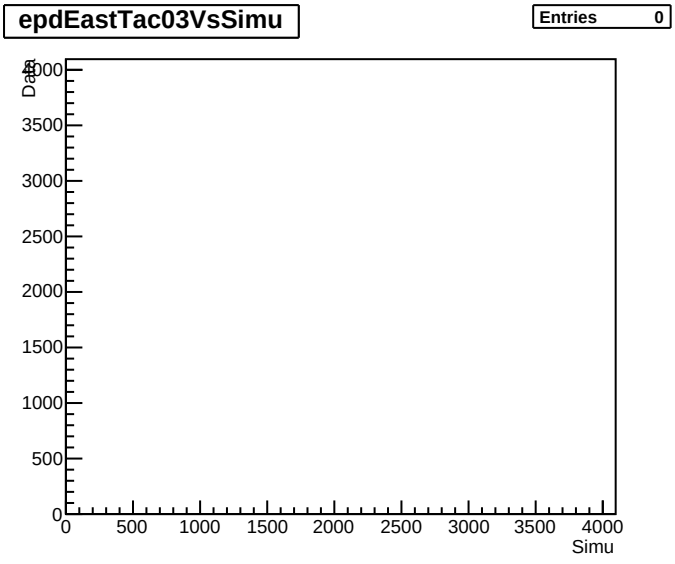
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3688760
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 461095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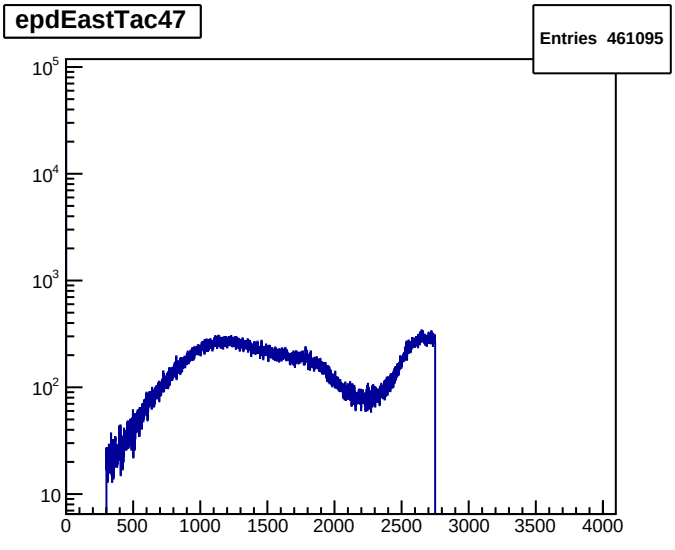
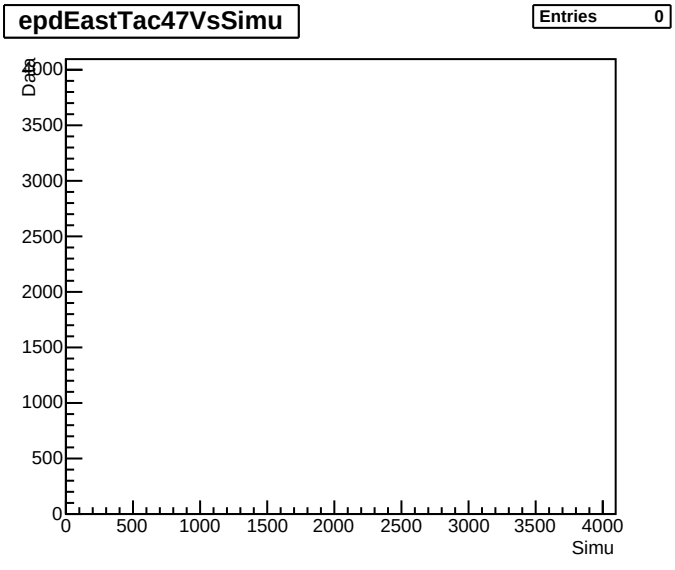
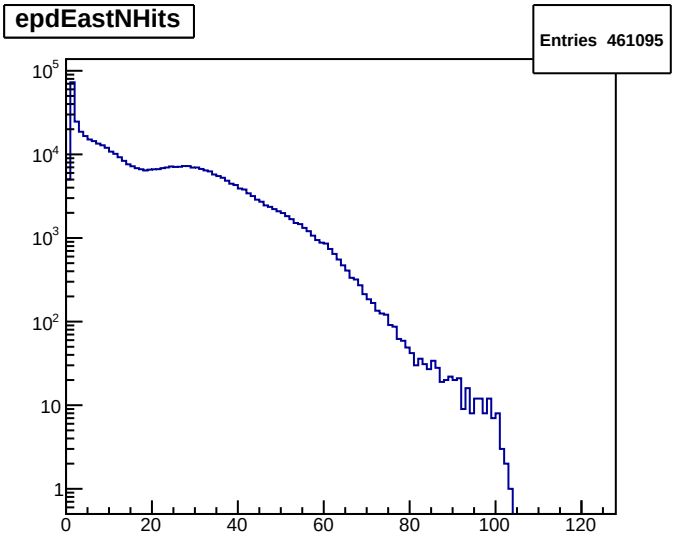
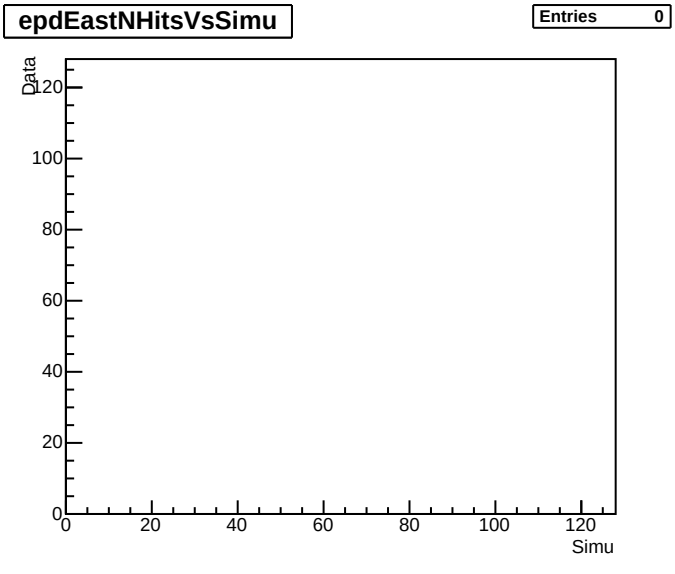
Entries 0
Data
Simu


epdEastTac47
Entries 461095


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 461095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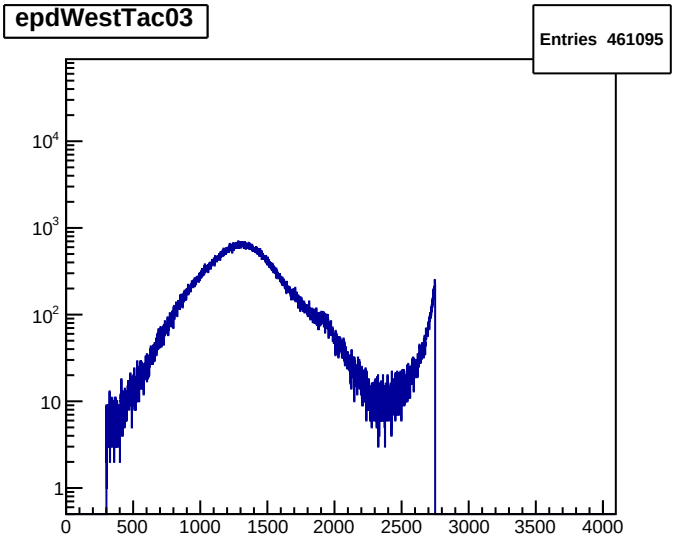
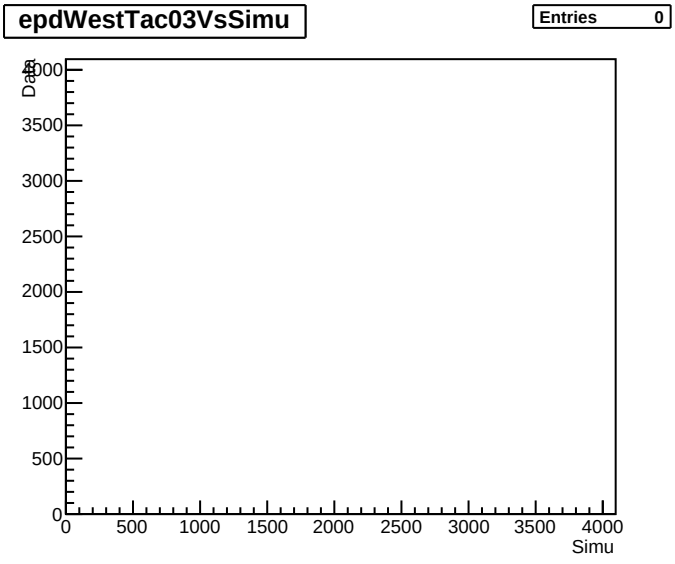
Entries 0
Data
Simu


epdWestTac03
Entries 461095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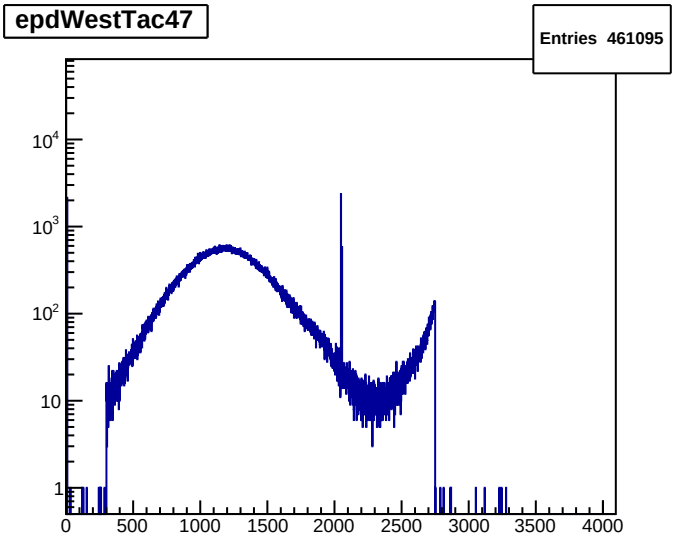
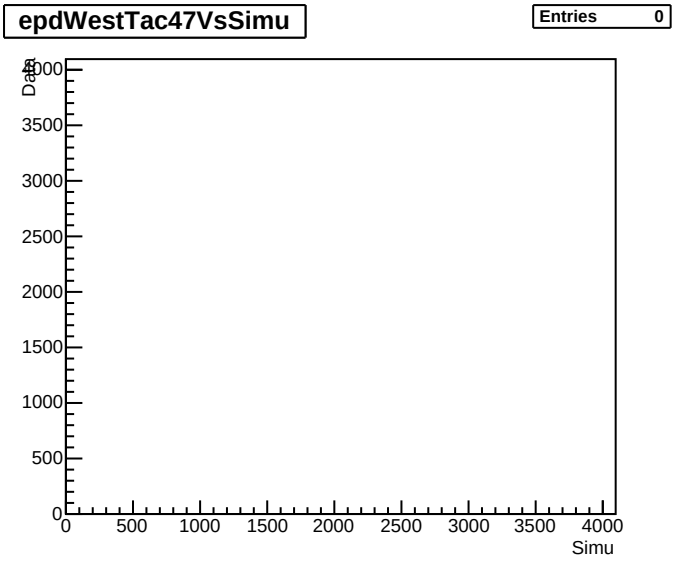
Entries 0
Data
Simu


epdWestTac47
Entries 461095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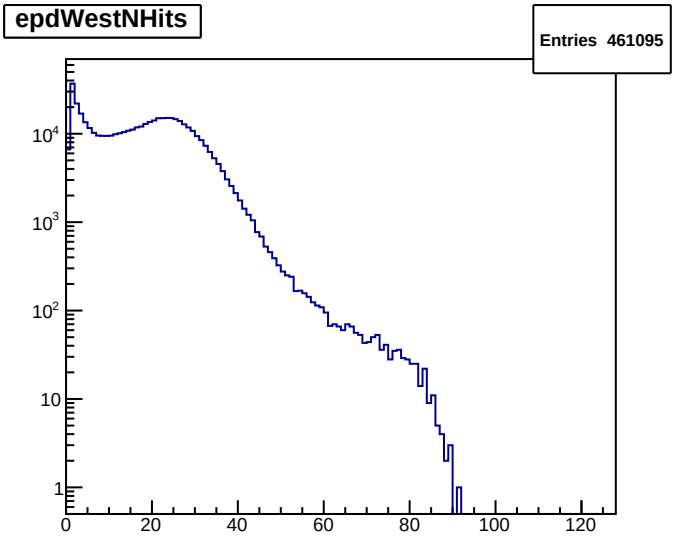
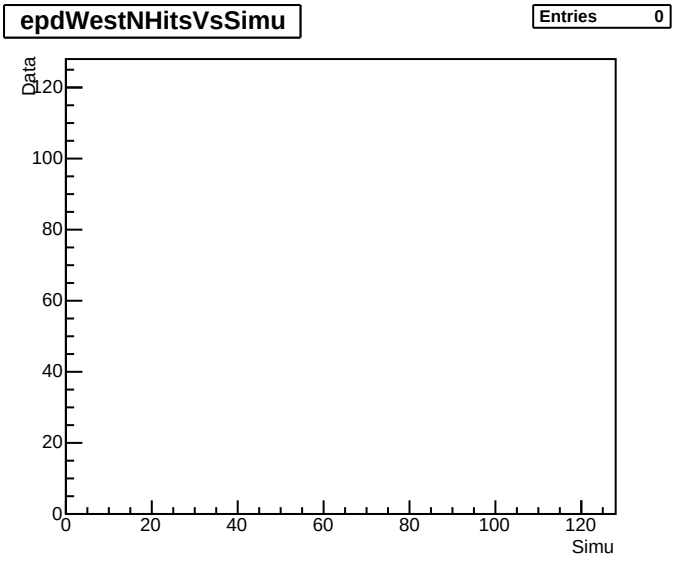
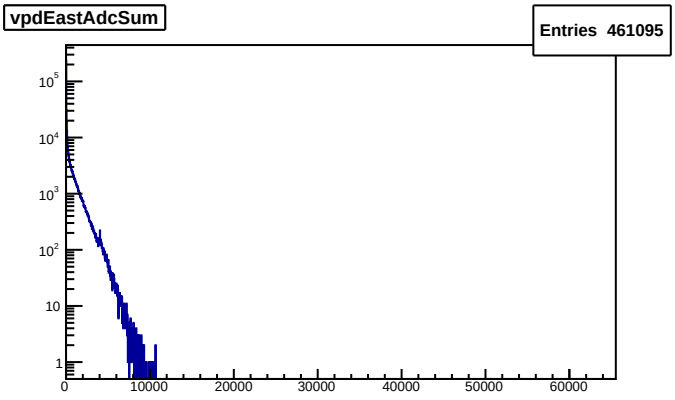
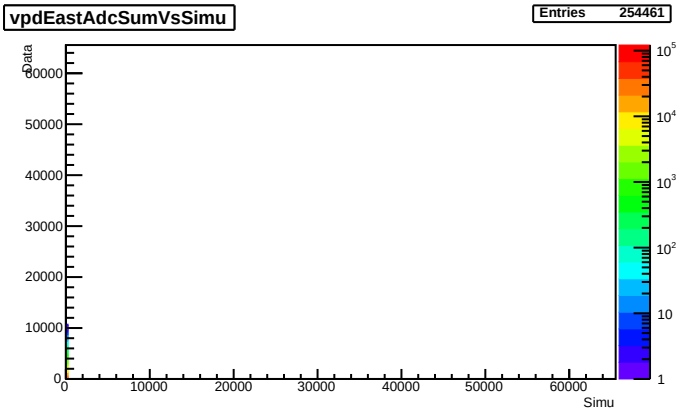
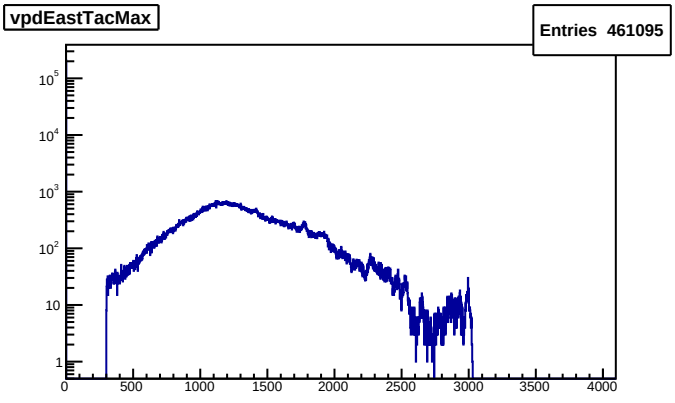
Entries 0
Data
Simu

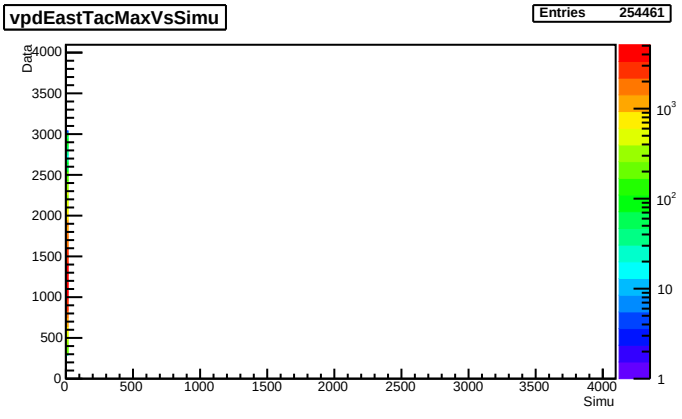

epdWestNHits
Entries 461095

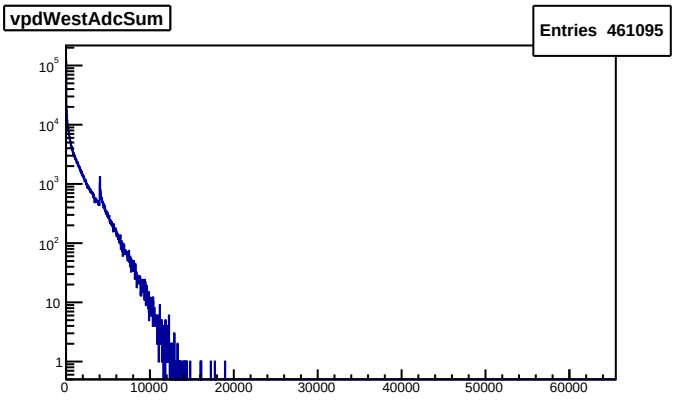

epdWestNHitsVsSimu
Entries 0
Data
Simu

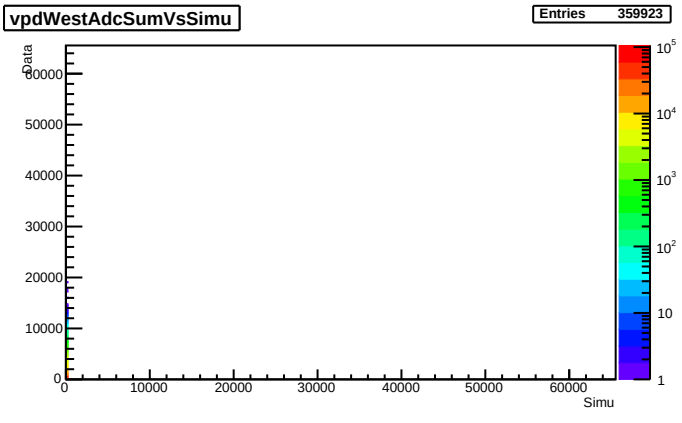

vpdEastAdcSum
Entries 461095

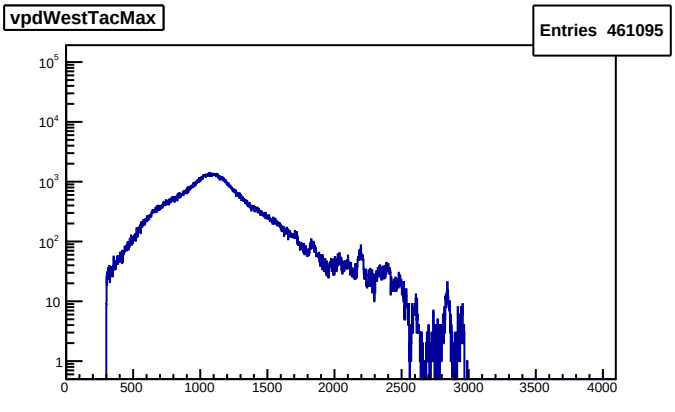

vpdEastAdcSumVsSimu
Entries 254461
Data
Simu

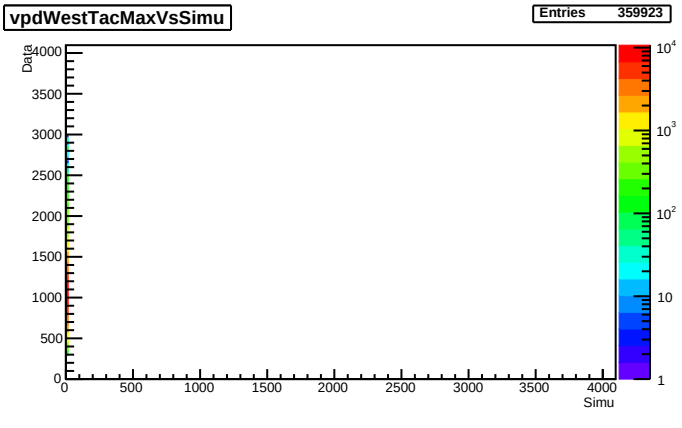

vpdEastTacMax
Entries 461095

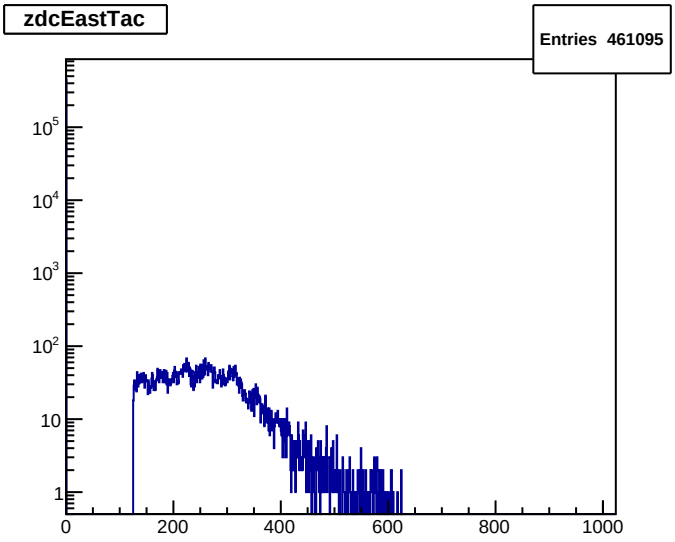

vpdEastTacMaxVsSimu
Entries 254461
Data
Simu

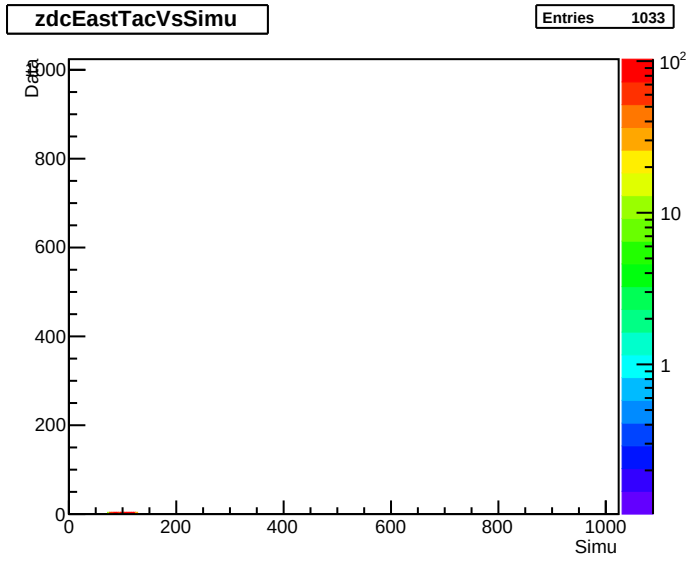

vpdWestAdcSum
Entries 461095

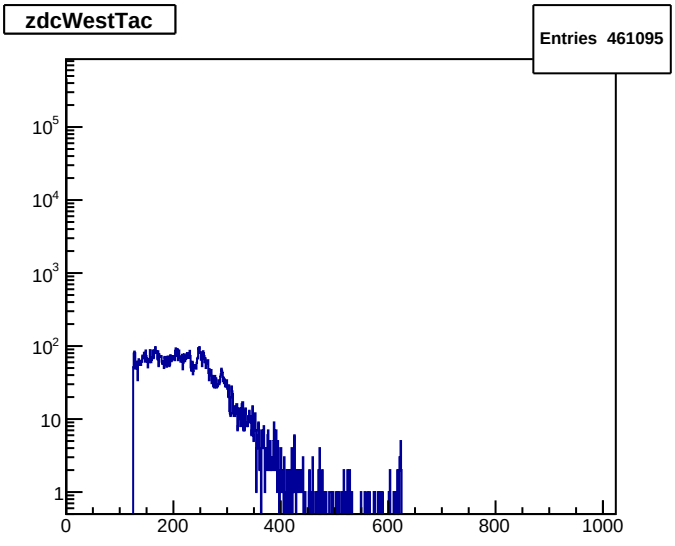

vpdWestAdcSumVsSimu
Entries 359923
Data
Simu

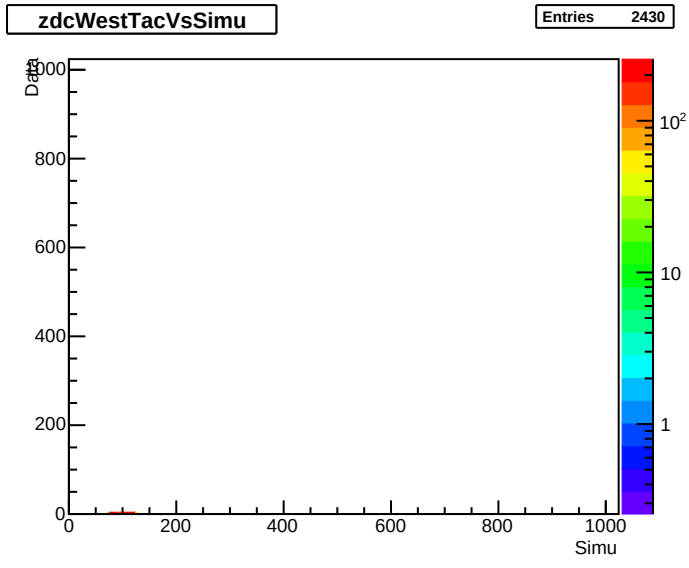

vpdWestTacMax
Entries 461095

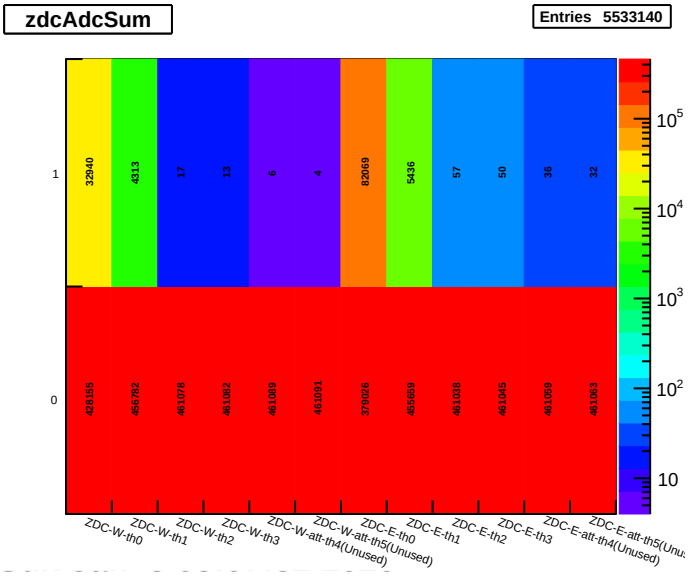

vpdWestTacMaxVsSimu
Entries 359923
Data
Simu

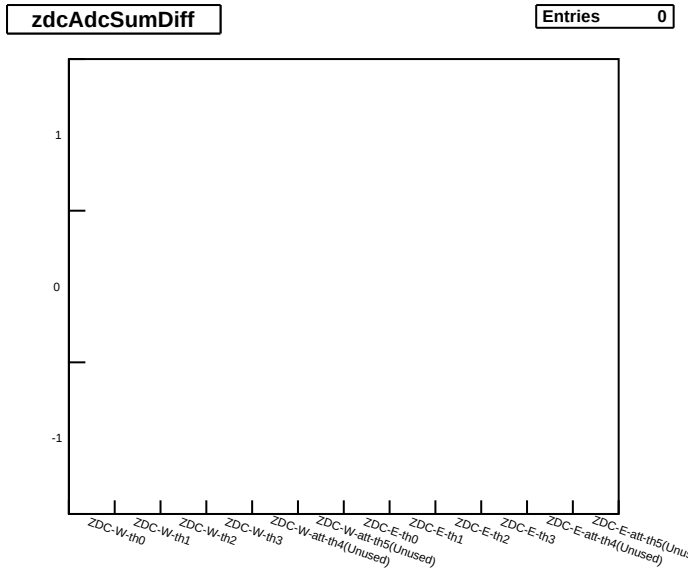

zdcEastTac
Entries 461095

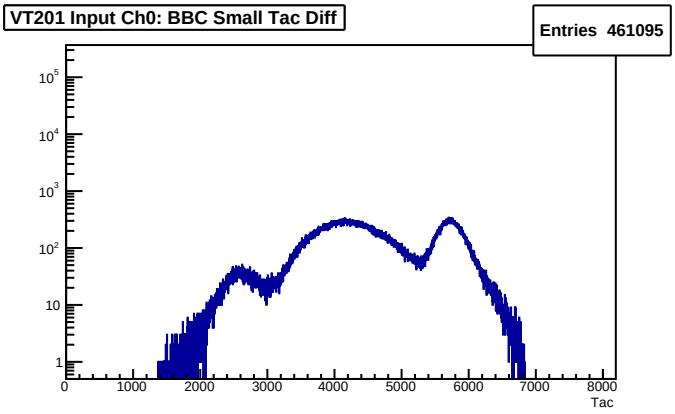

zdcEastTacVsSimu
Entries 1033
Data
Simu

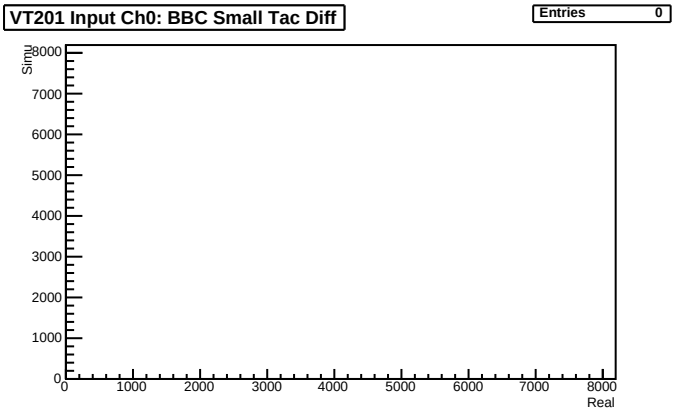

zdcWestTac
Entries 461095

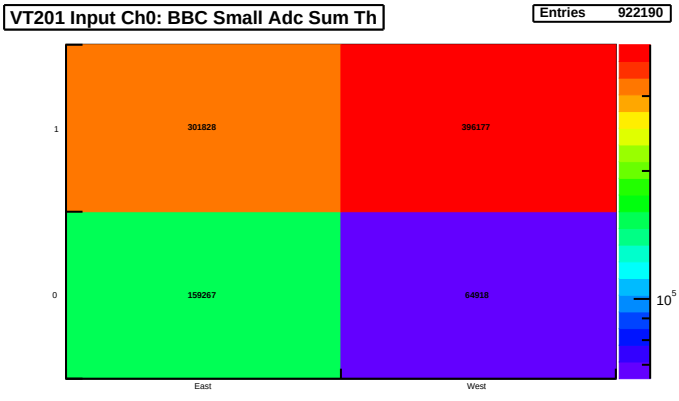

zdcWestTacVsSimu
Entries 2430
Data
Simu

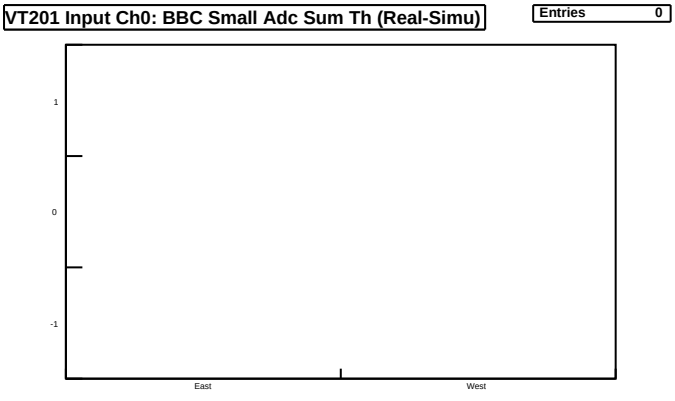

zdcAdcSum
Entries 5533140
32940
4313
17
13
6
4
82069
5436
57
50
36
32
428155
456782
461078
461082
461089
461091
379026
455689
461038
461045
461050
461063
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

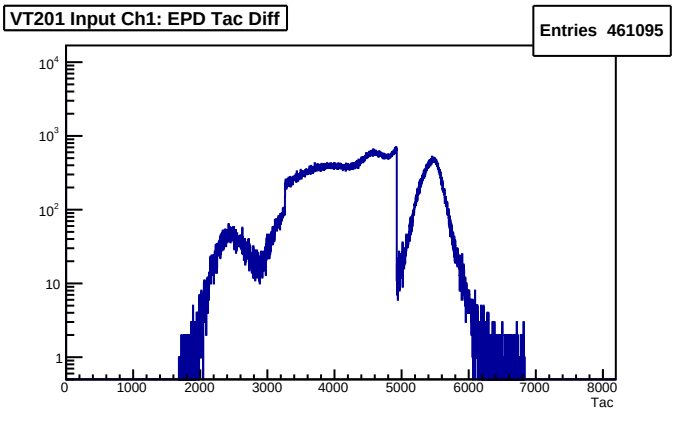

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

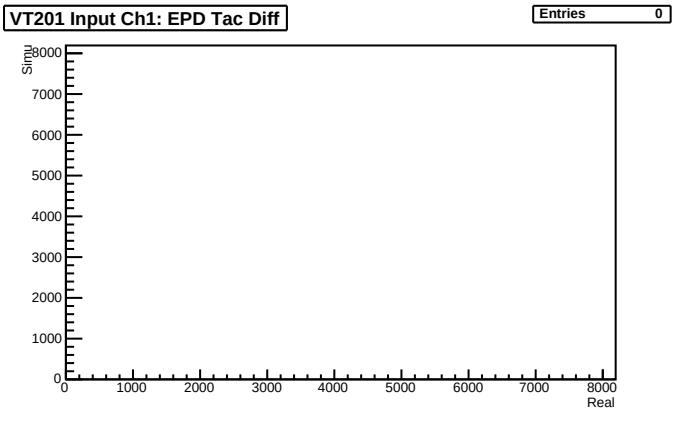

VT201 Input Ch0: BBC Small Tac Diff
Entries 461095
Tac

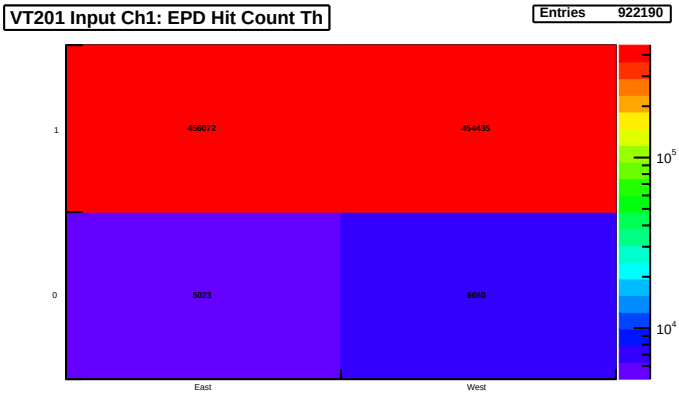

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

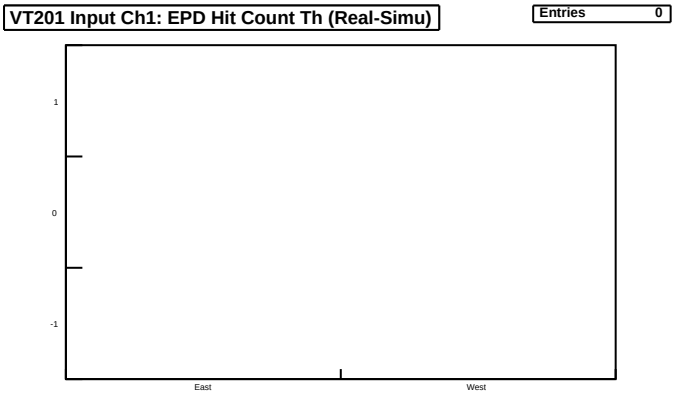

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 922190
301828
396177
159267
64918
East
West

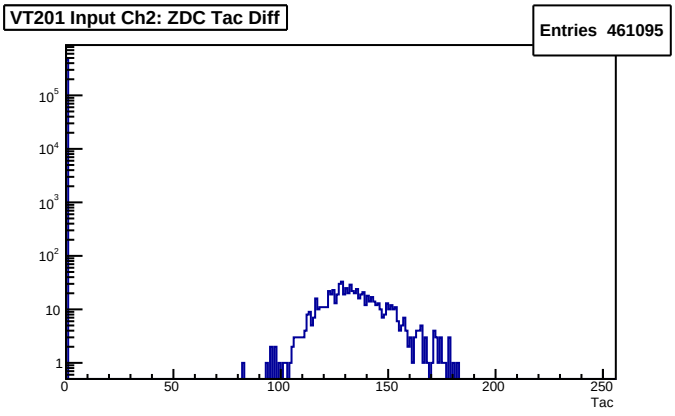

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

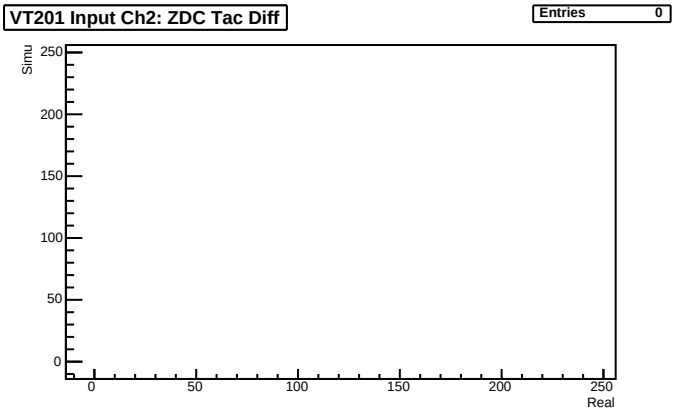

VT201 Input Ch1: EPD Tac Diff
Entries 461095
Tac

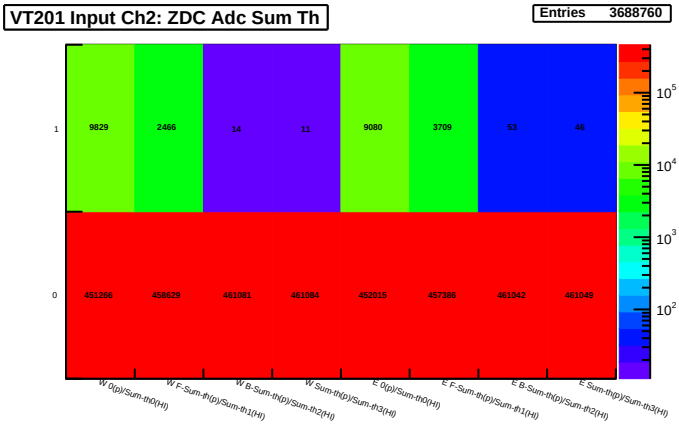

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

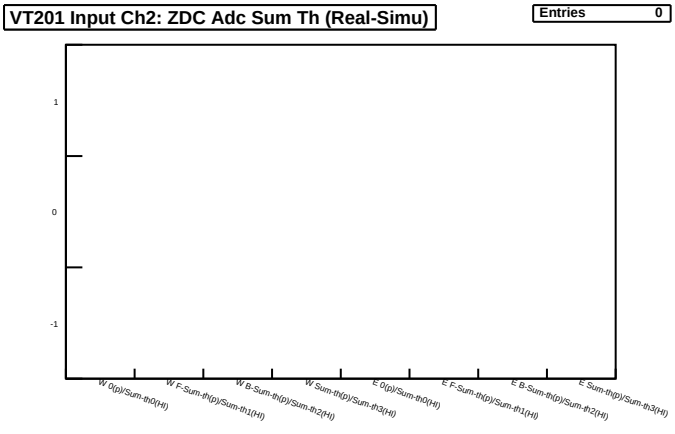

VT201 Input Ch1: EPD Hit Count Th
Entries 922190
456072
454435
5023
6660
East
West

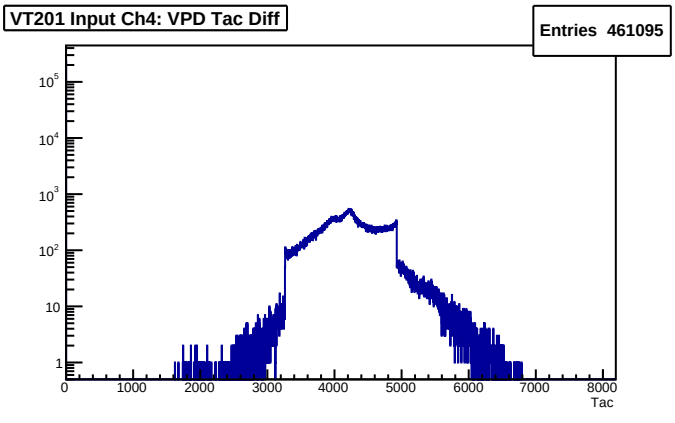

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

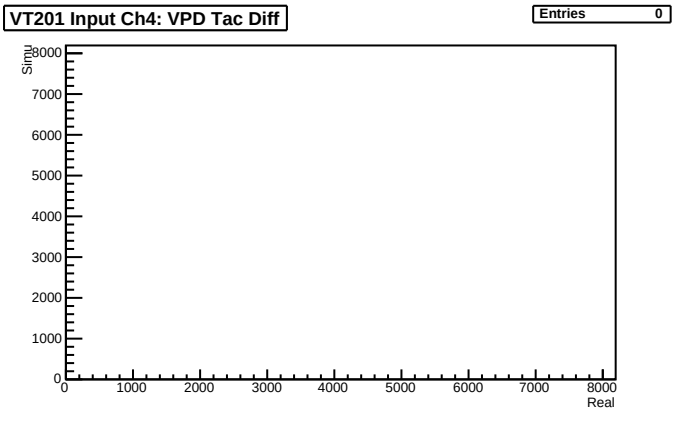

VT201 Input Ch2: ZDC Tac Diff
Entries 461095
Tac

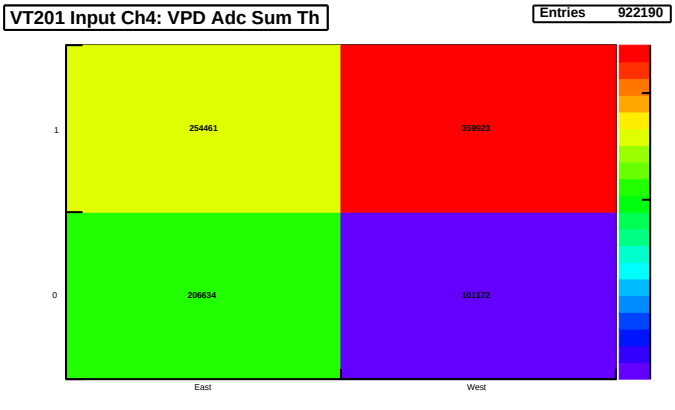

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

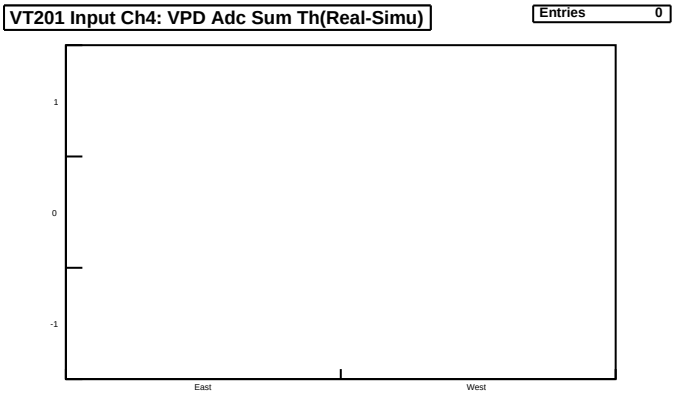

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3688760
9829
2466
14
11
9080
3709
53
46
451266
458629
461081
461084
452015
457386
461042
461049
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

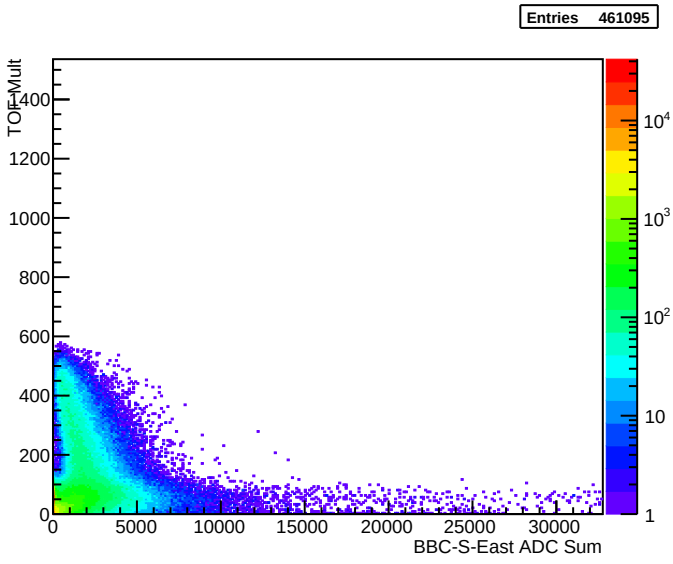

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

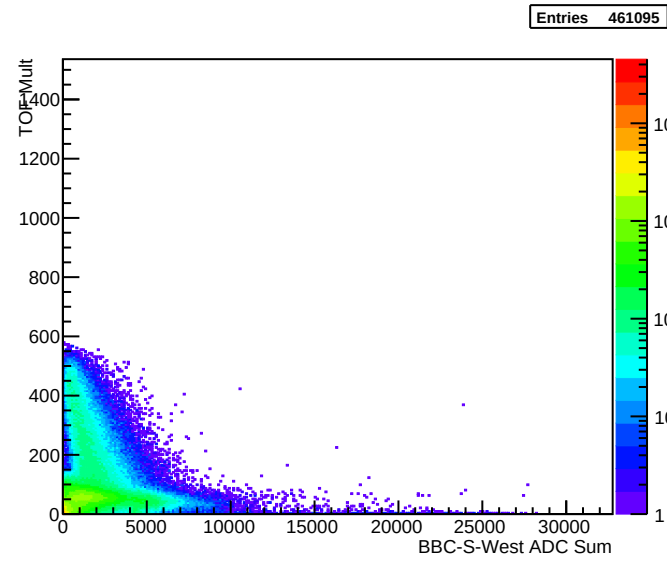

VT201 Input Ch4: VPD Tac Diff
Entries 461095
Tac

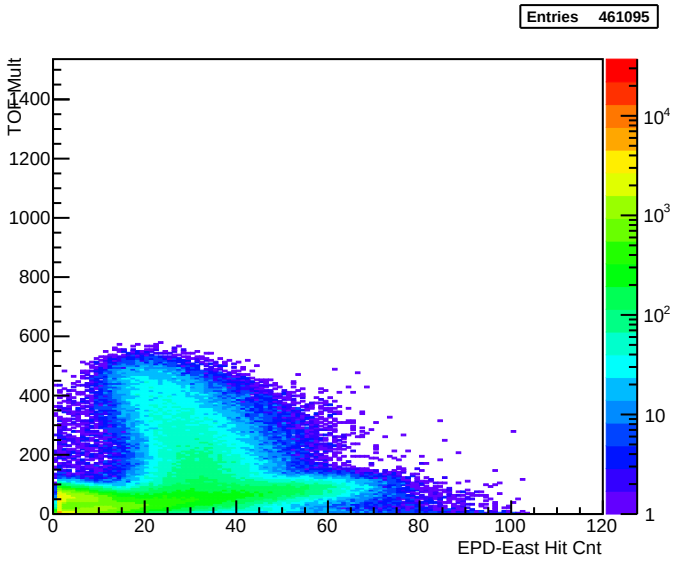

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

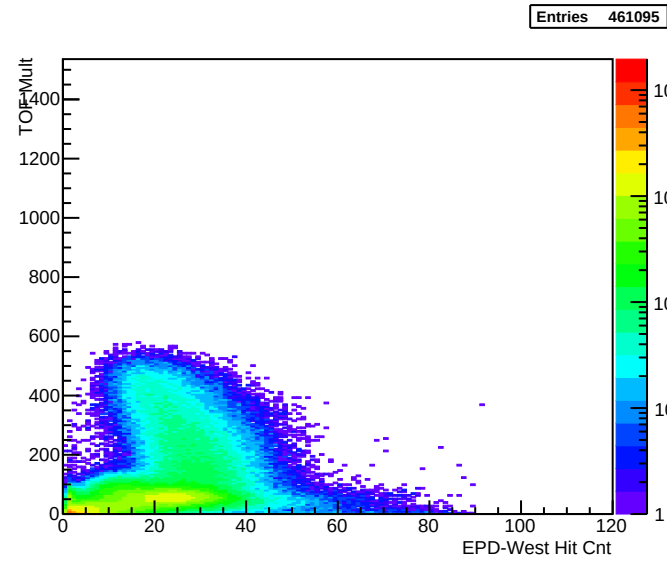

VT201 Input Ch4: VPD Adc Sum Th
Entries 922190
254461
359923
206634
101172
East
West

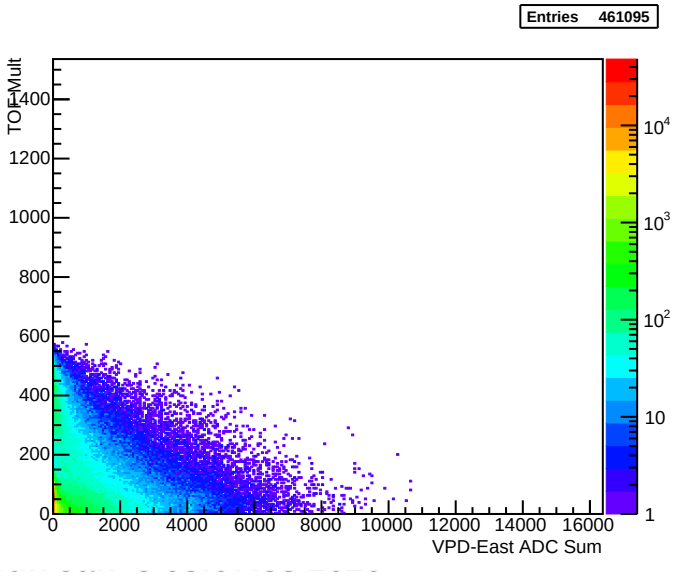

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

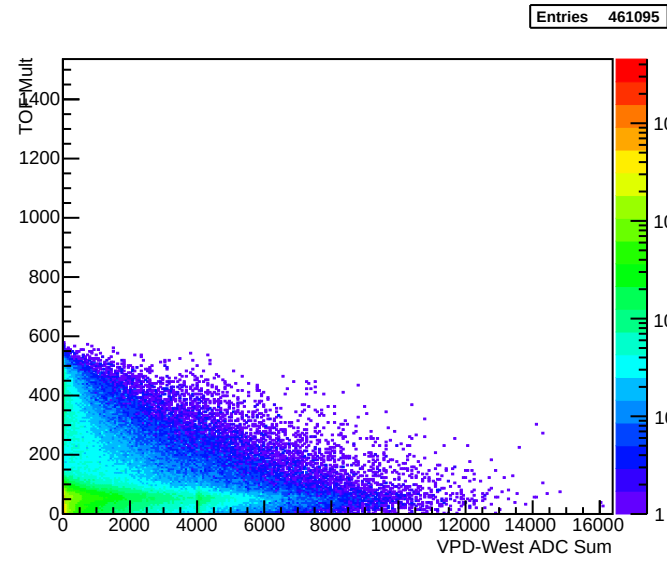

Entries 461095
TOF-Mult
BBC-S-East ADC Sum

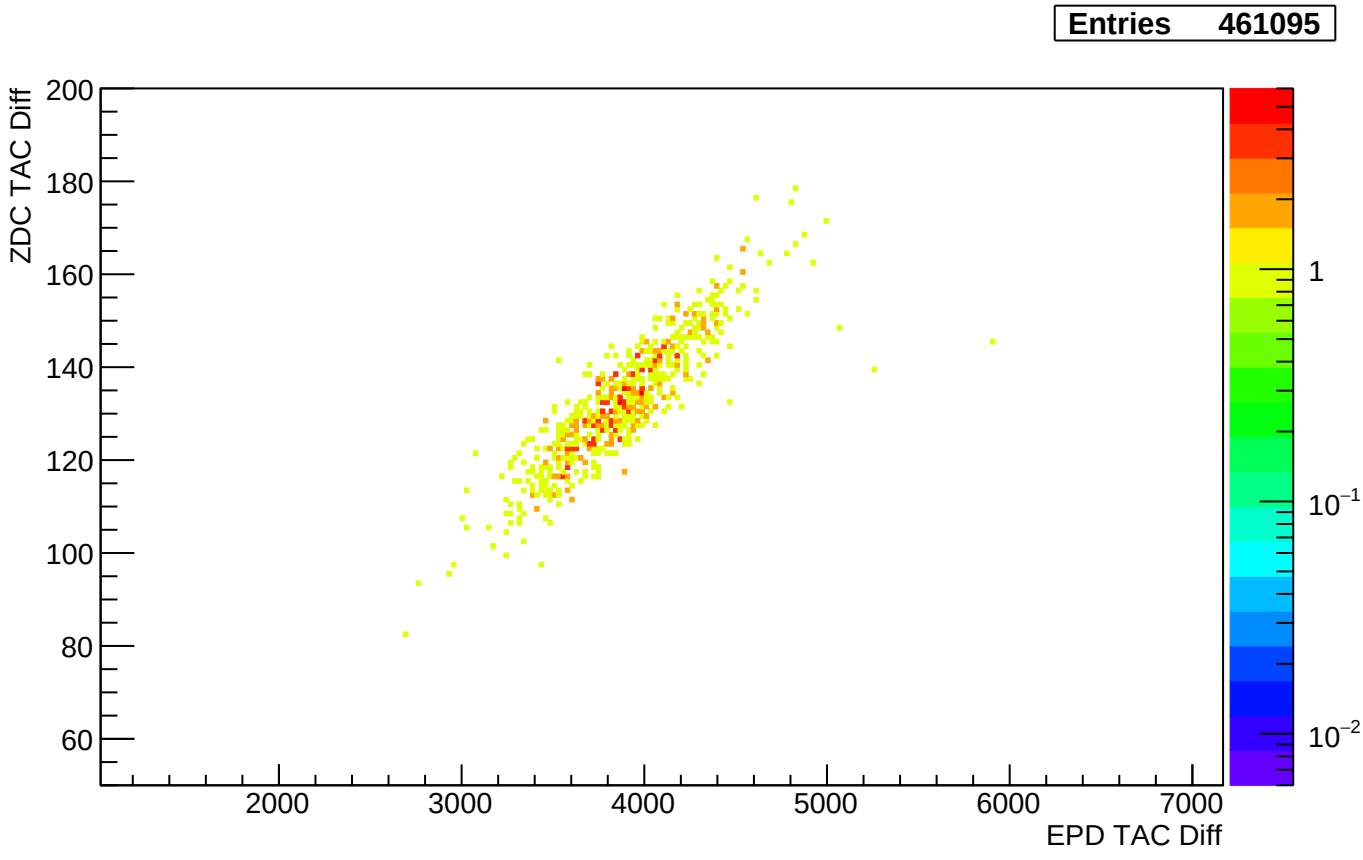

Entries 461095
TOF-Mult
BBC-S-West ADC Sum

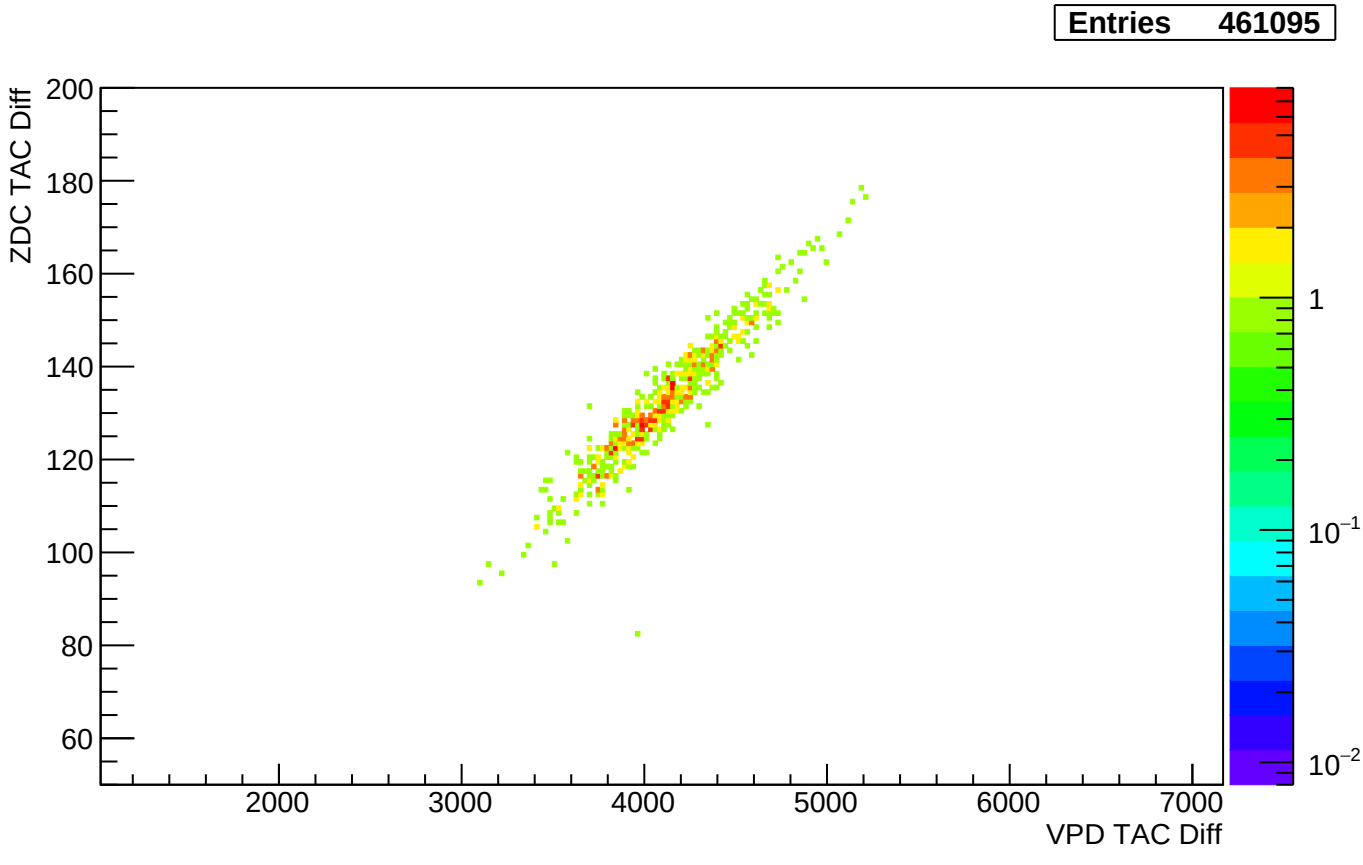

Entries 461095
TOF-Mult
EPD-East Hit Cnt

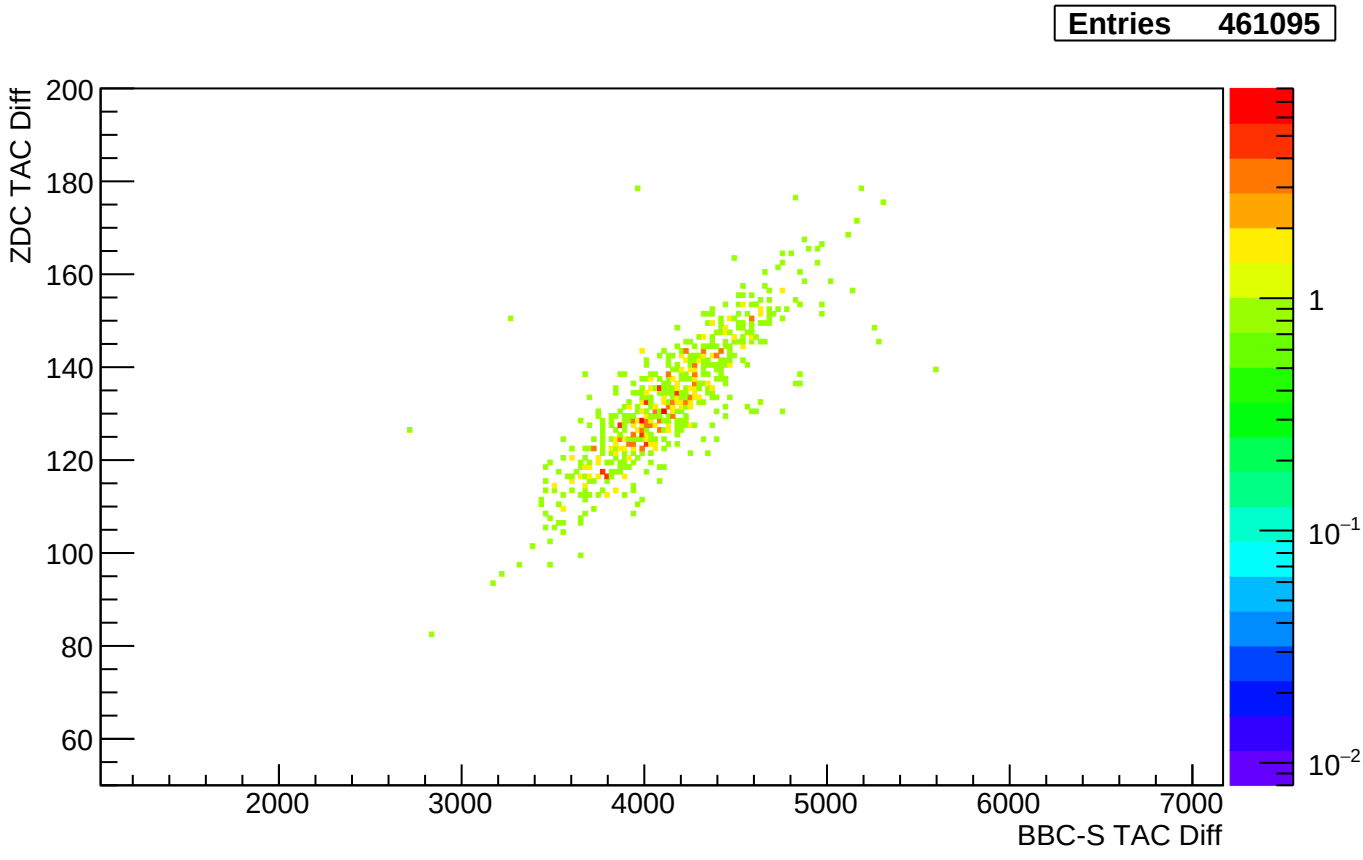

Entries 461095
TOF-Mult
EPD-West Hit Cnt

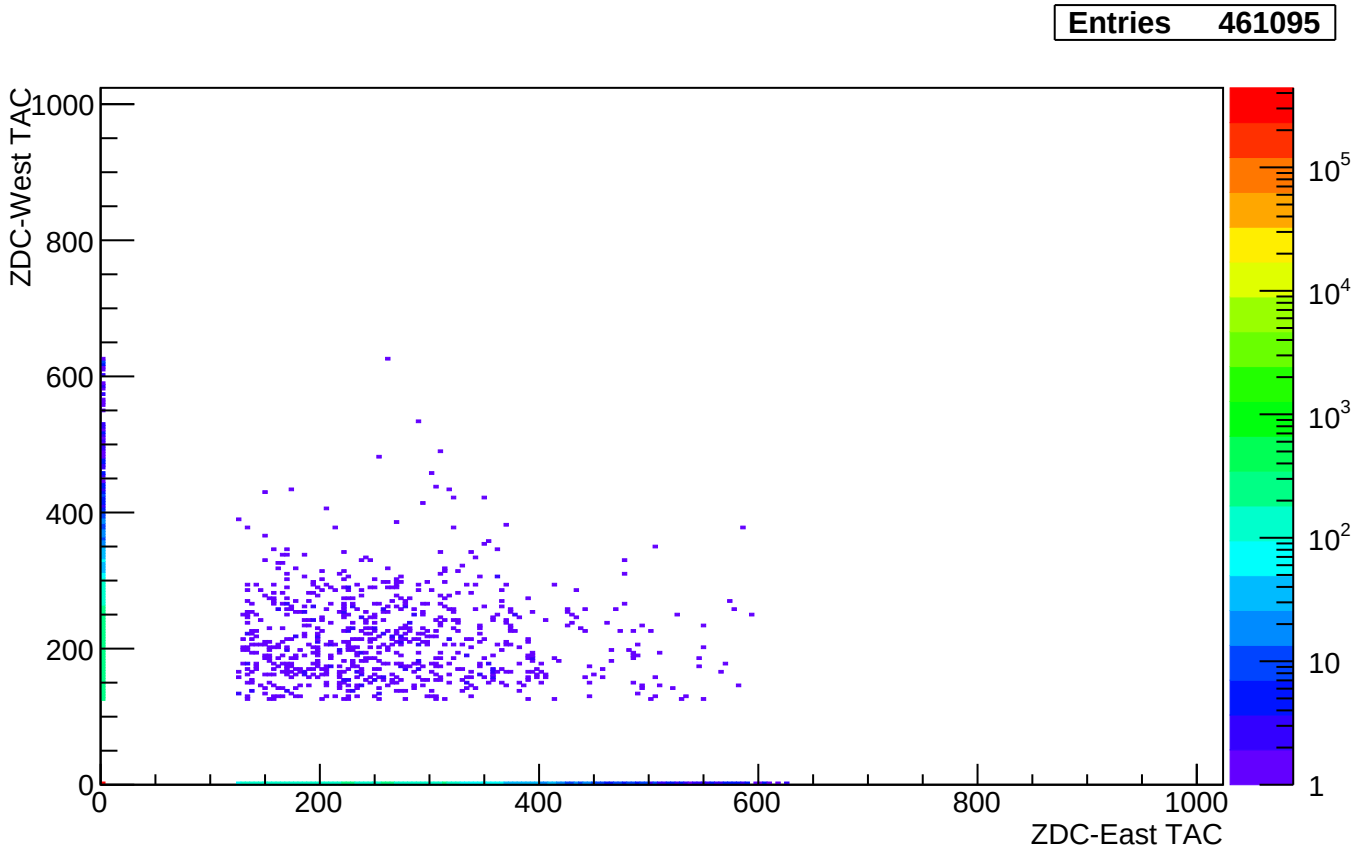

Entries 461095
TOF-Mult
VPD-East ADC Sum

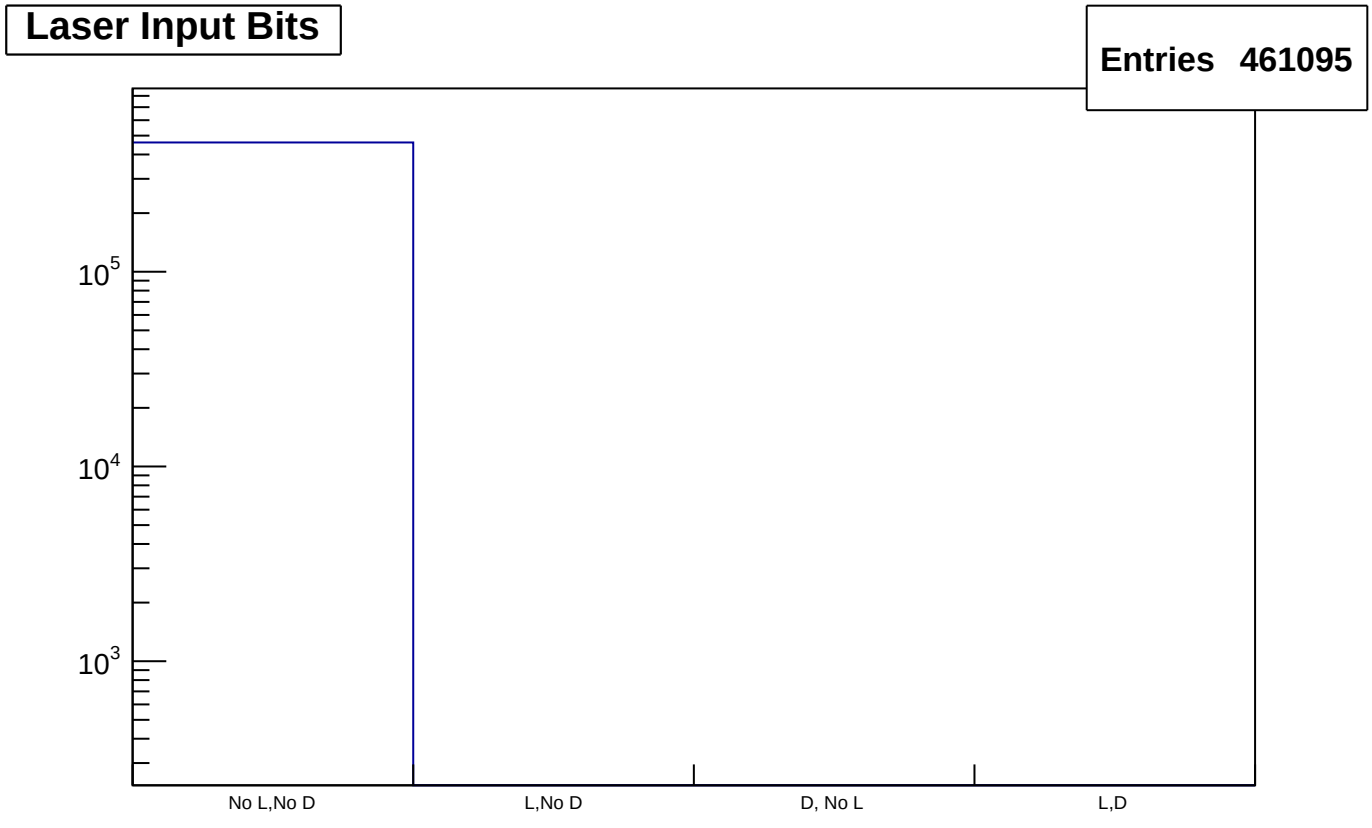

Entries 461095
TOF-Mult
VPD-West ADC Sum

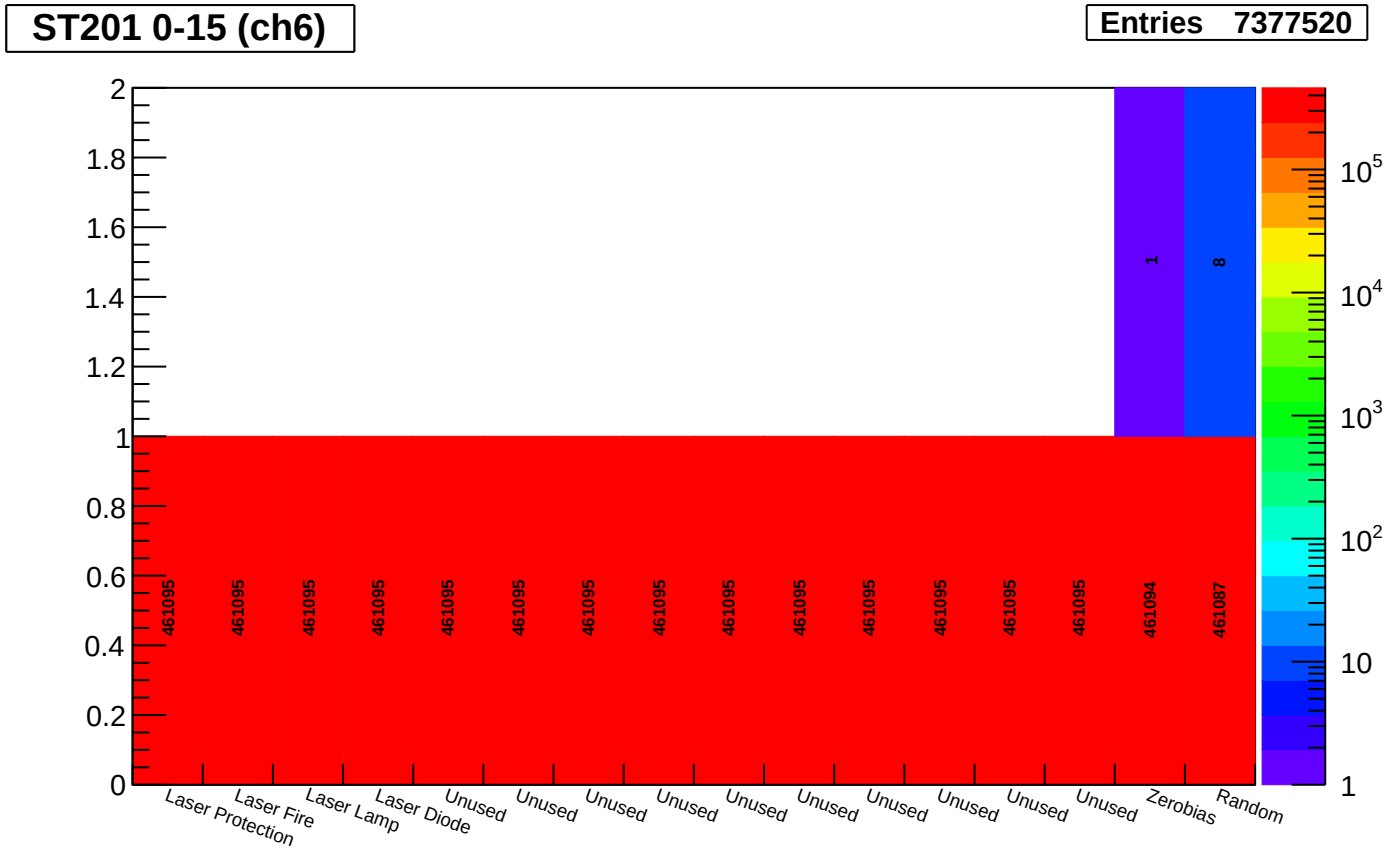

Entries 461095
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

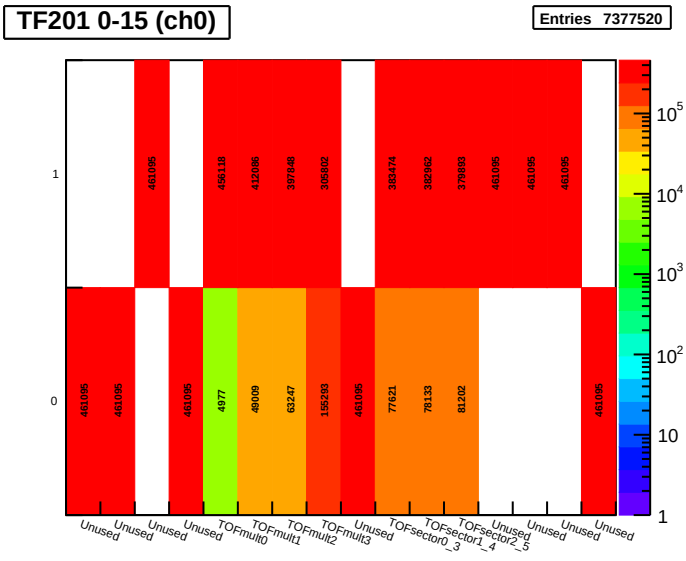

Entries 461095
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

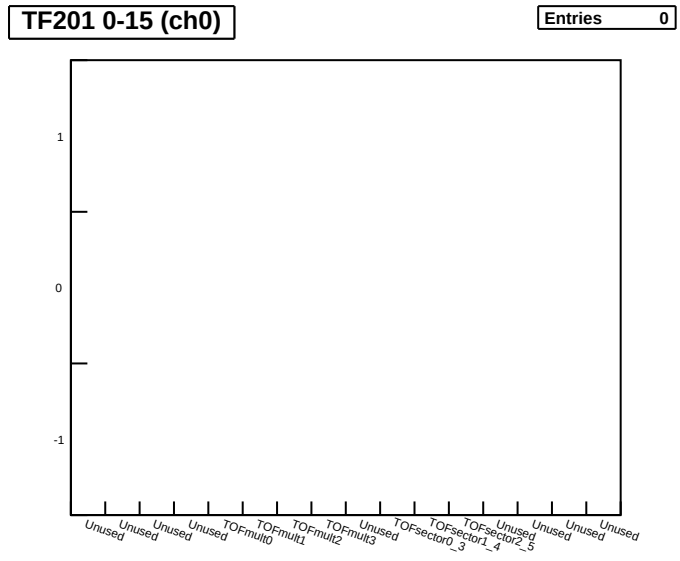

Entries 461095
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

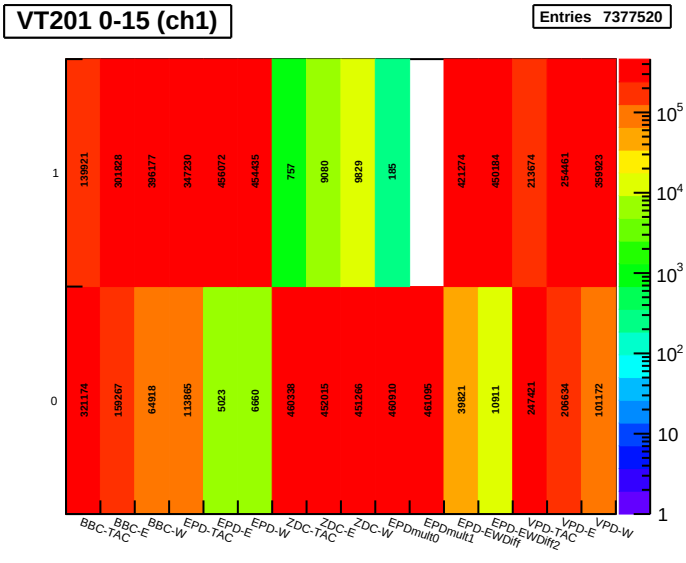

Entries 461095
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

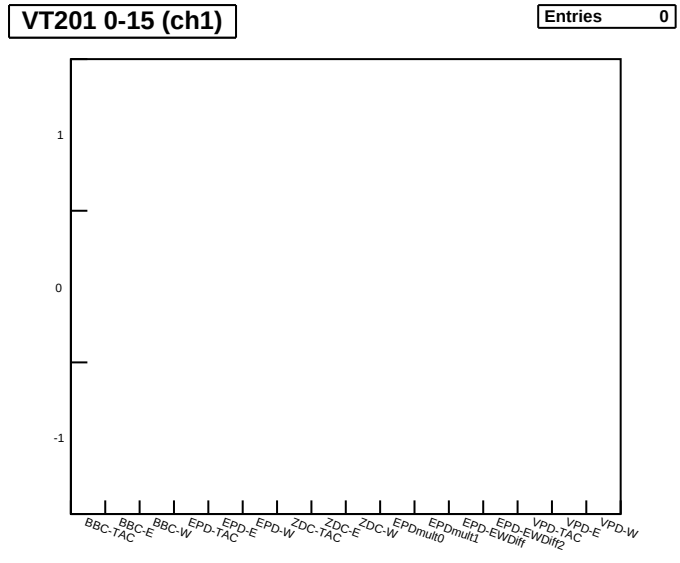

Laser Input Bits
Entries 461095
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

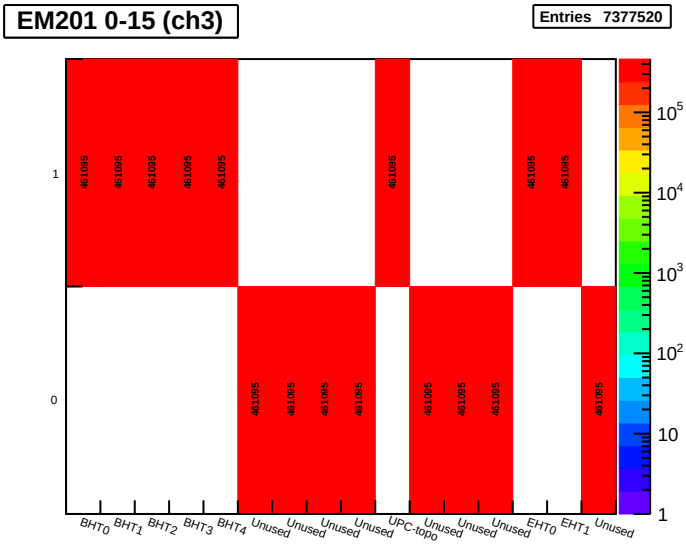

ST201 0-15 (ch6)
Entries 7377520
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
461095
461094
461087
1
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

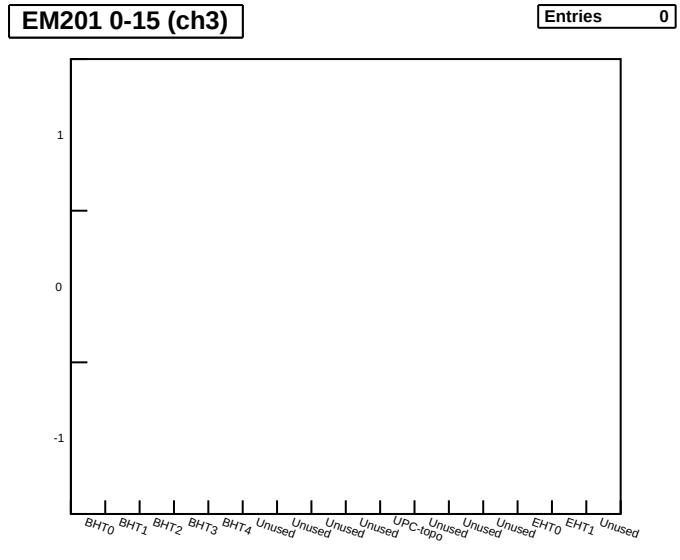

TF201 0-15 (ch0)
Entries 7377520
1
0
461095
456118
412086
397848
305802
383474
382962
379893
461095
461095
461095
461095
461095
461095
461095
4977
49009
63247
155293
461095
77621
78133
81202
461095
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7377520
1
0
139921
301828
396177
347230
456072
454435
757
9080
9829
185
421274
450184
213674
254461
359923
321174
159267
64918
113865
5023
6660
460338
452015
451266
460910
461095
39821
10911
247421
206634
101172
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 7377520
1
0
461095
461095
461095
461095
461095
461095
461095
461095
461095
461095
461095
461095
461095
461095
461095
461095
461095
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused