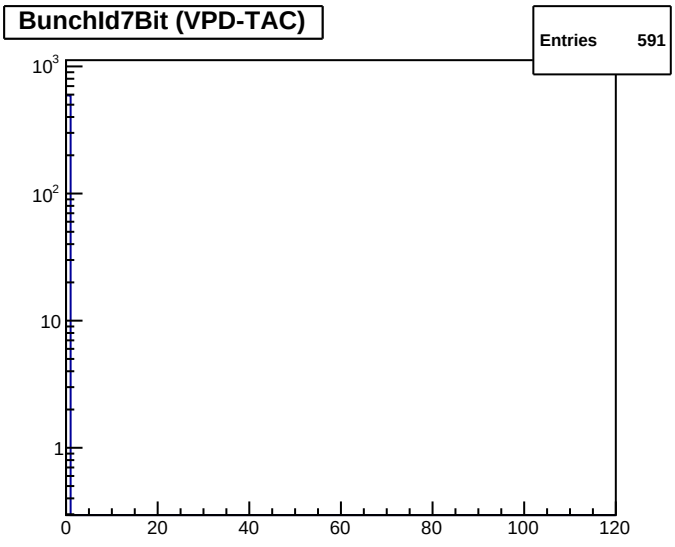
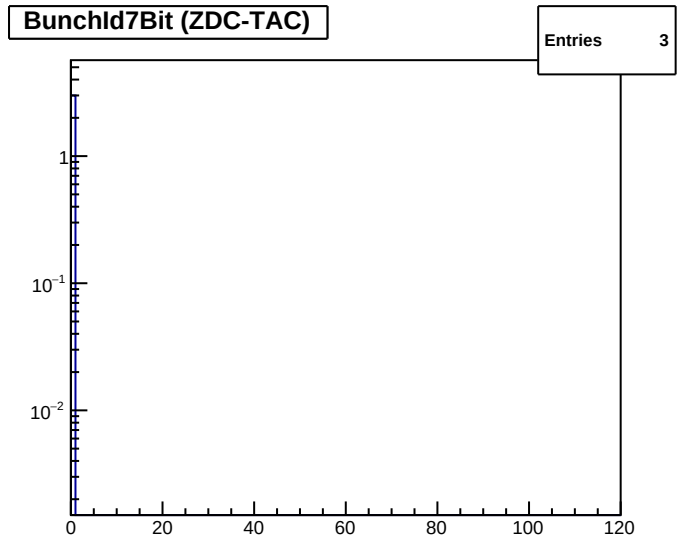
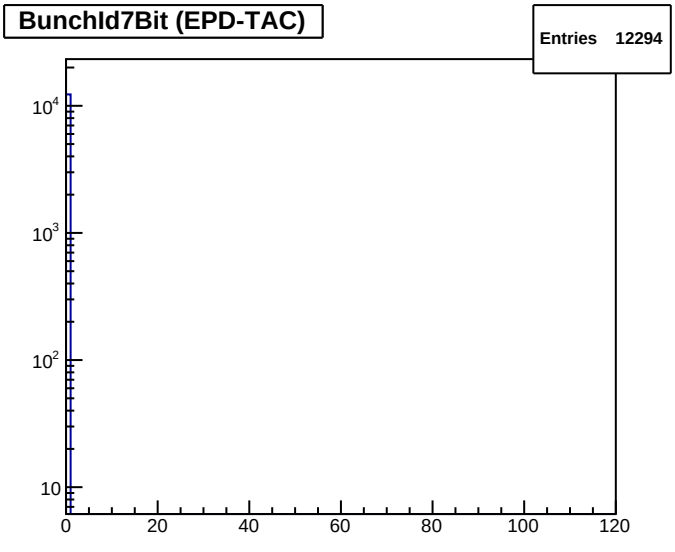
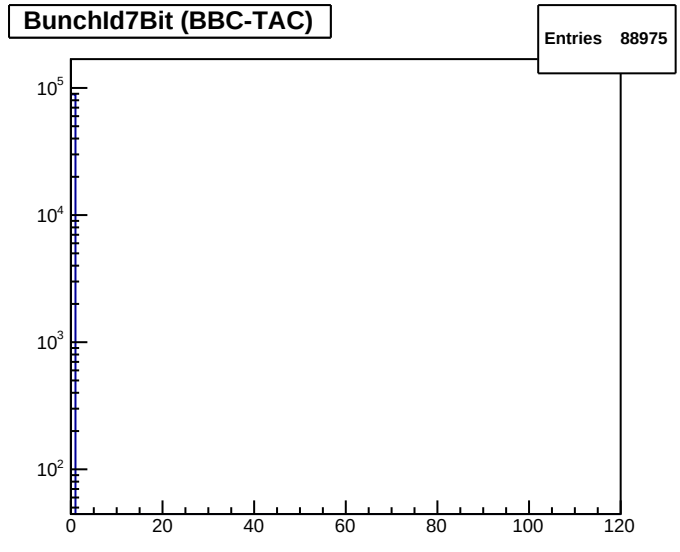
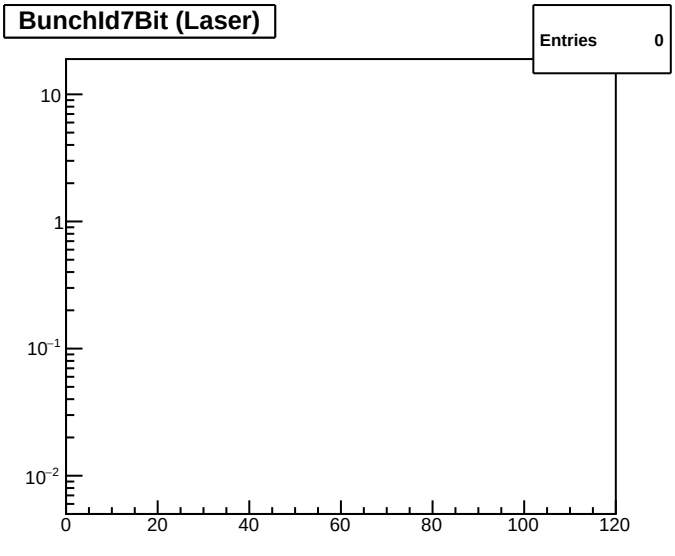
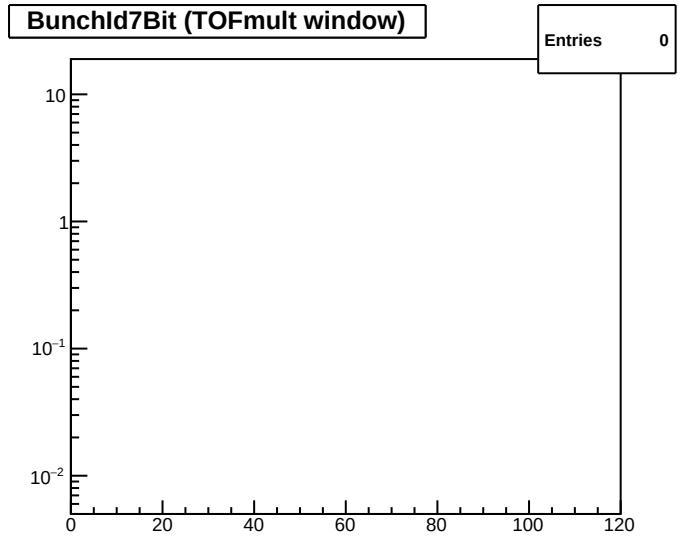

BunchId7Bit (VPD-TAC)
Entries 591

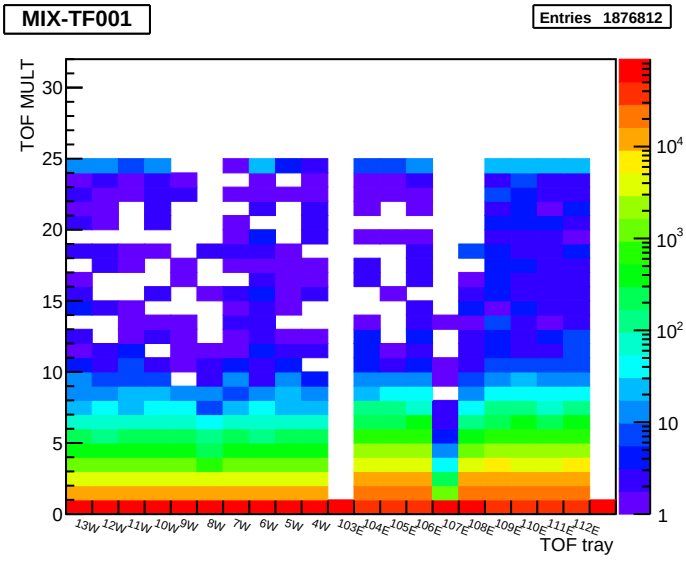

BunchId7Bit (ZDC-TAC)
Entries 3

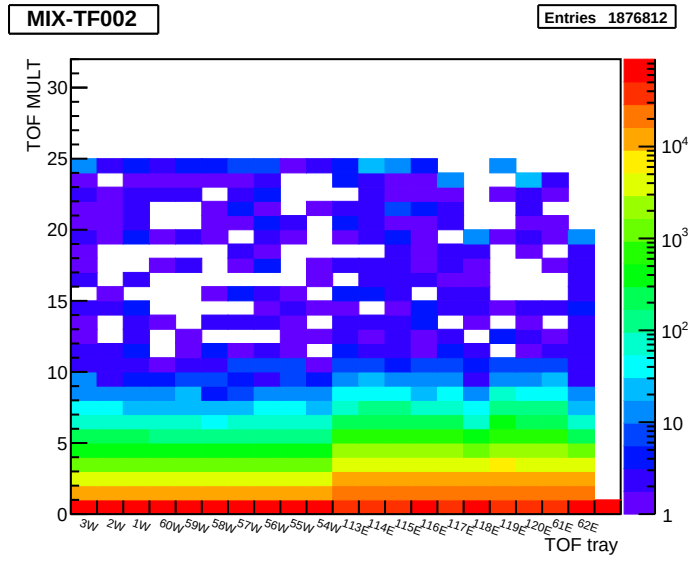

BunchId7Bit (EPD-TAC)
Entries 12294

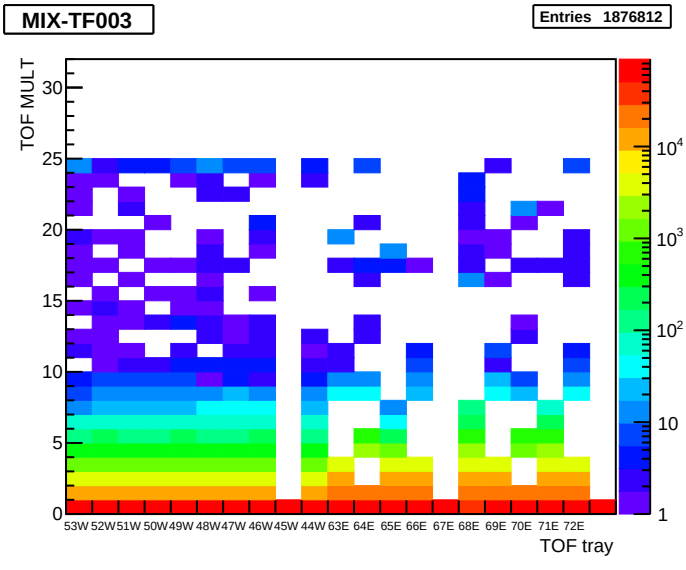

BunchId7Bit (BBC-TAC)
Entries 88975

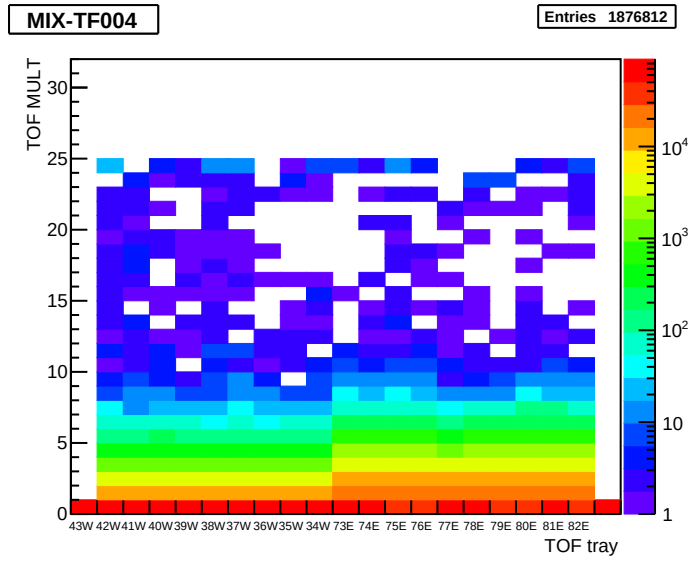

BunchId7Bit (Laser)
Entries 0

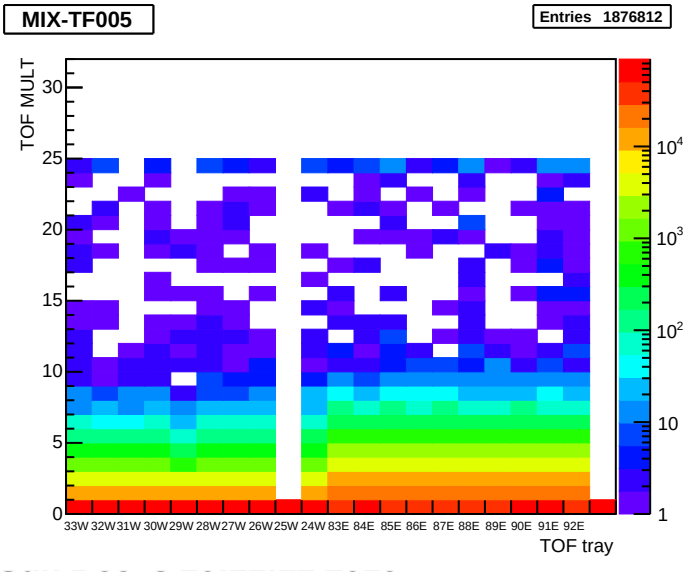

BunchId7Bit (TOFmult window)
Entries 0

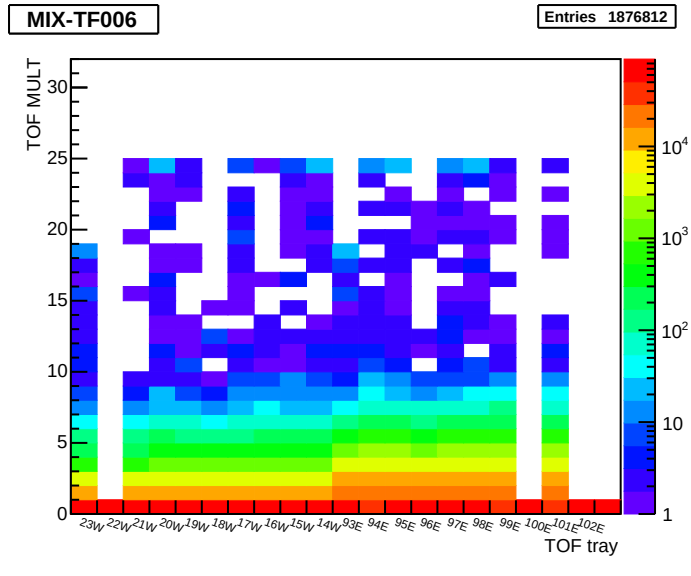

MIX-TF001
Entries 1876812
TOF MULT
TOF tray

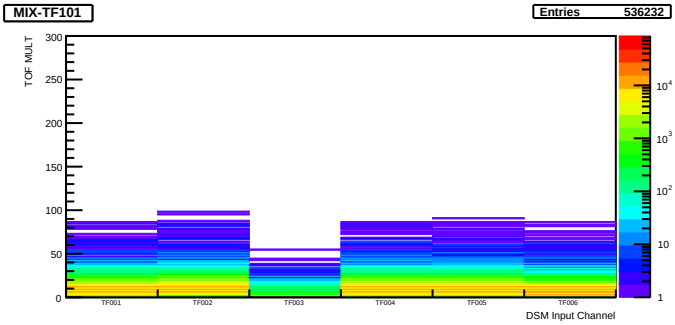

MIX-TF002
Entries 1876812
TOF MULT
TOF tray

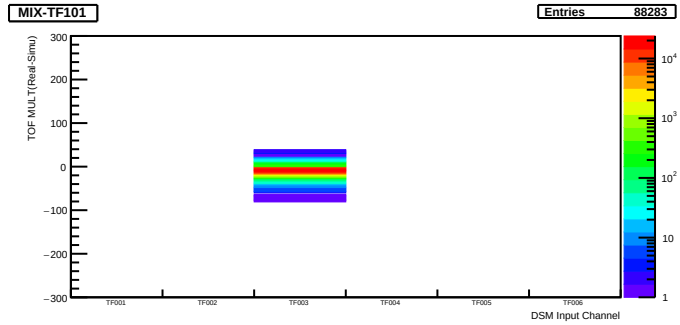

MIX-TF003
Entries 1876812
TOF MULT
TOF tray

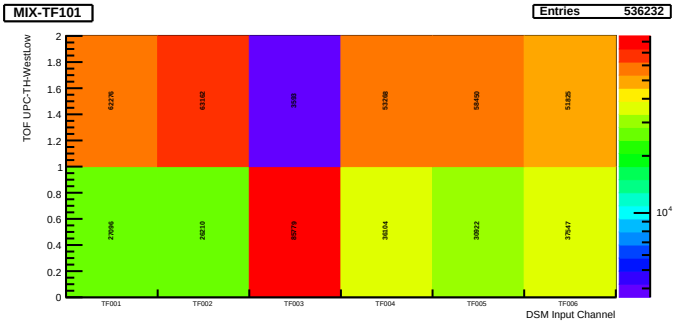

MIX-TF004
Entries 1876812
TOF MULT
TOF tray

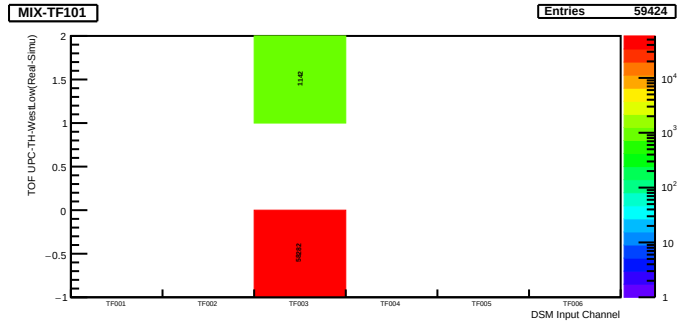

MIX-TF005
Entries 1876812
TOF MULT
TOF tray

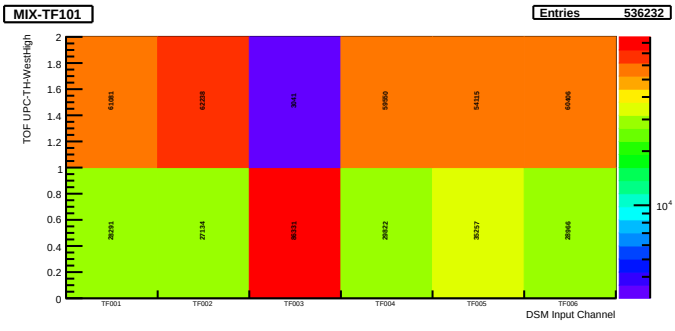

MIX-TF006
Entries 1876812
TOF MULT
TOF tray

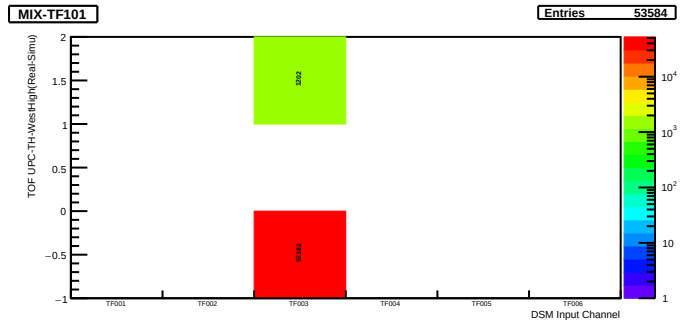

MIX-TF101
Entries 536232
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

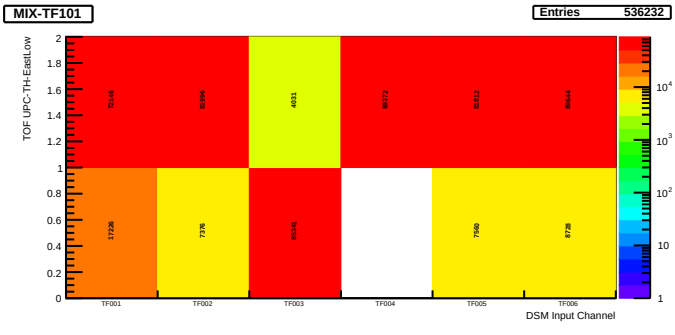

MIX-TF101
Entries 88283
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

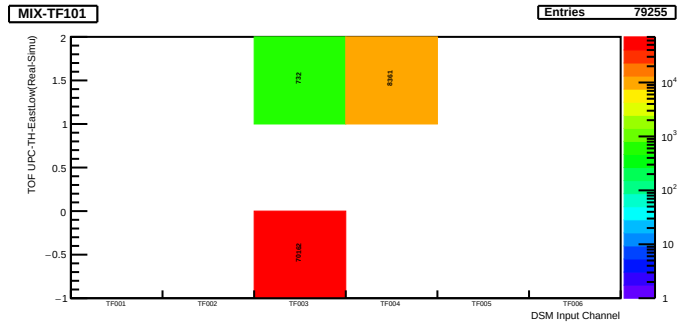

MIX-TF101
Entries 536232
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

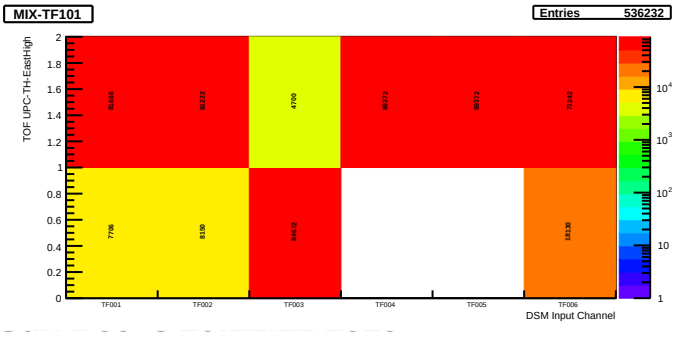

MIX-TF101
Entries 59424
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

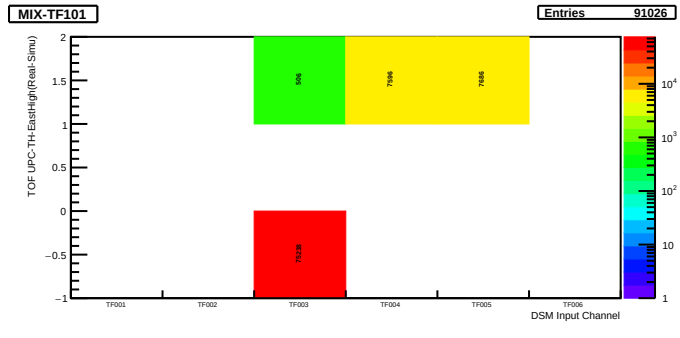

MIX-TF101
Entries 536232
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

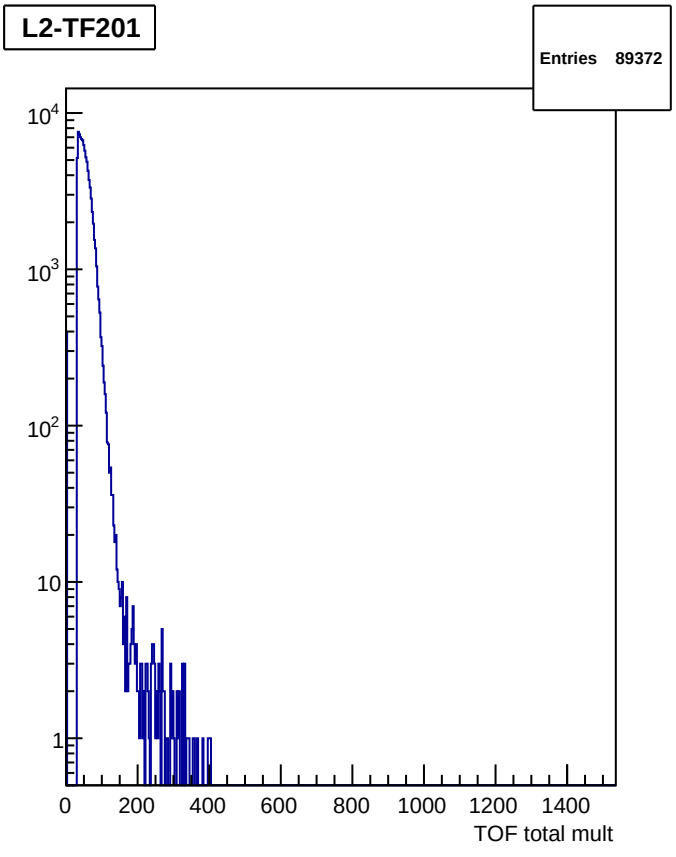

MIX-TF101
Entries 53584
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

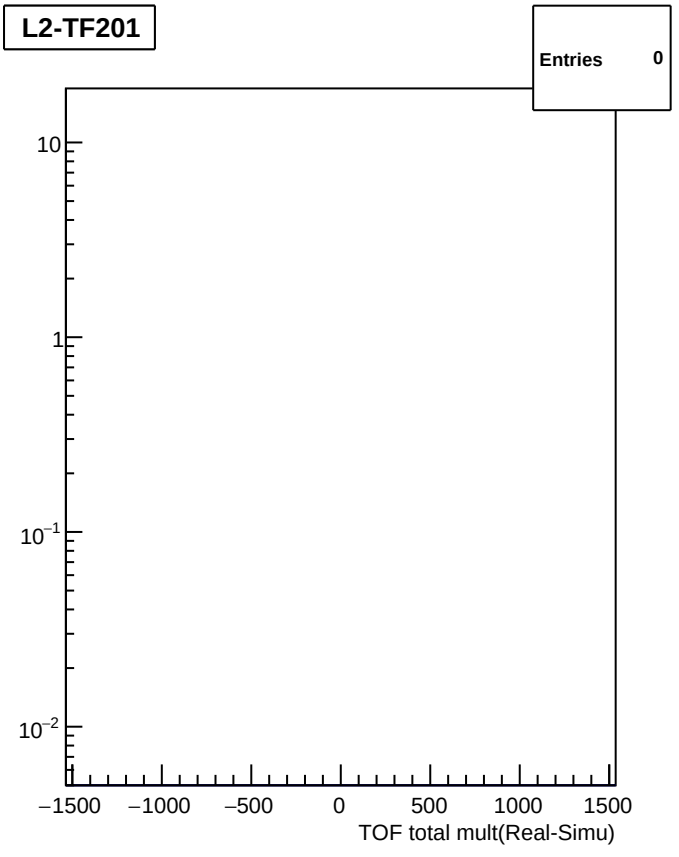

MIX-TF101
Entries 536232
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

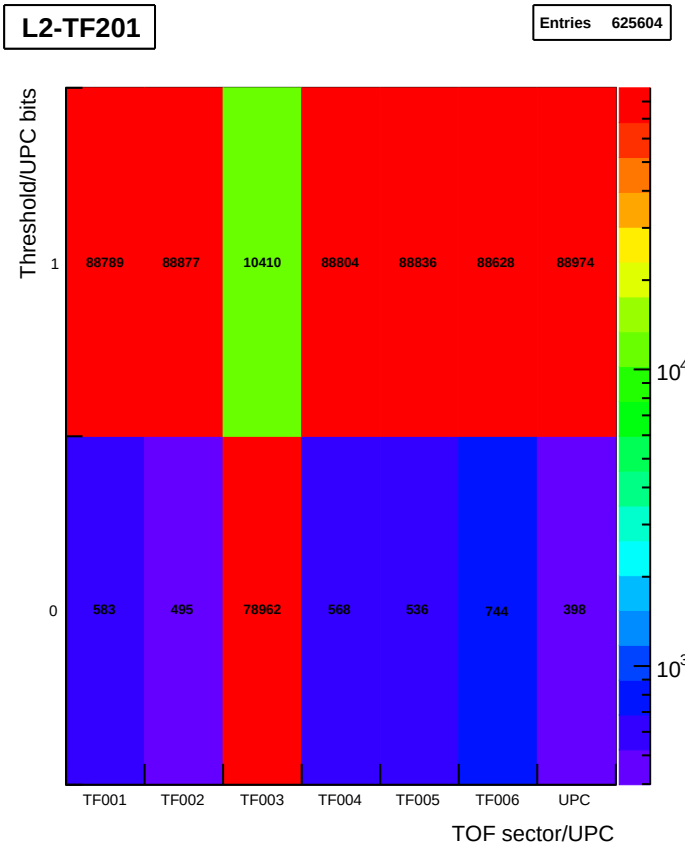

MIX-TF101
Entries 79255
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

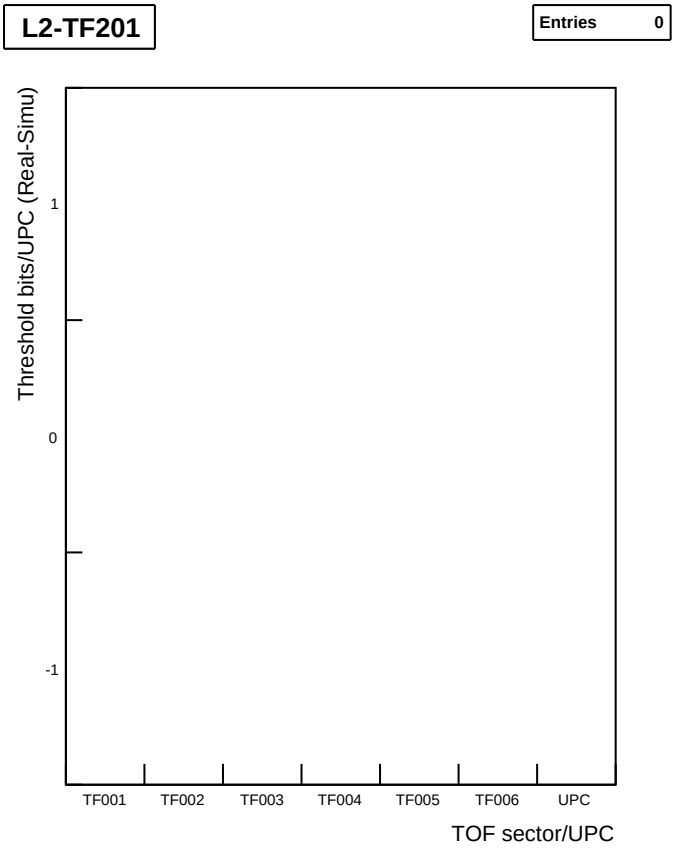

MIX-TF101
Entries 536232
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

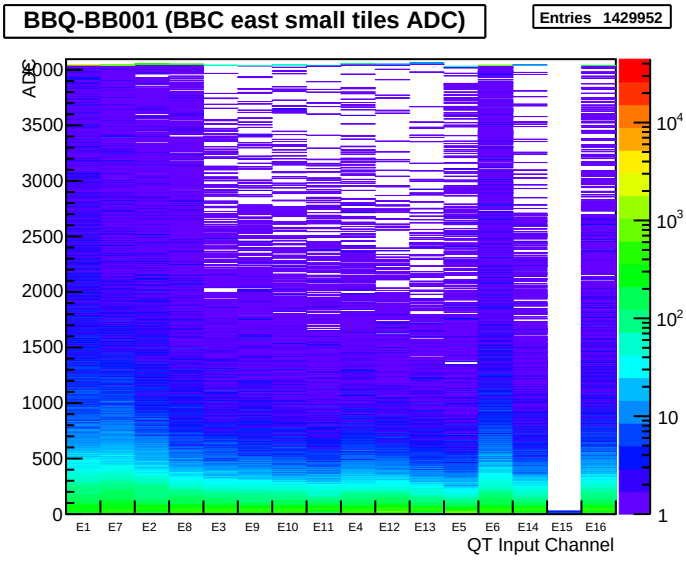

MIX-TF101
Entries 91026
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

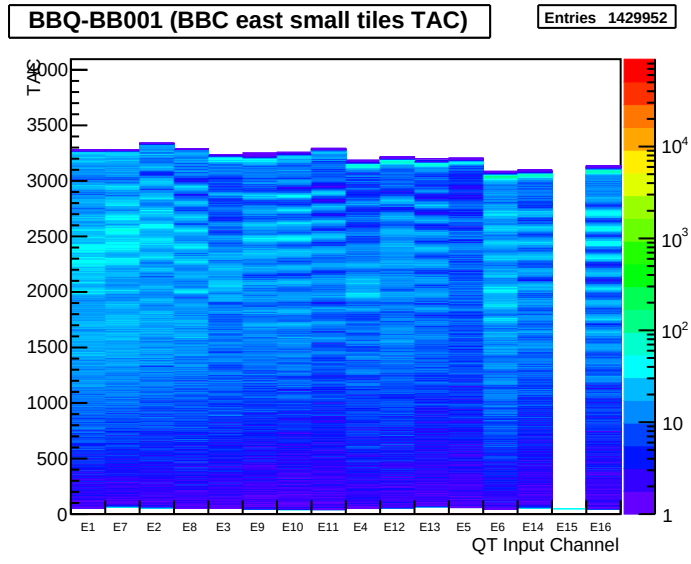

L2-TF201
Entries 89372
TOF total mult

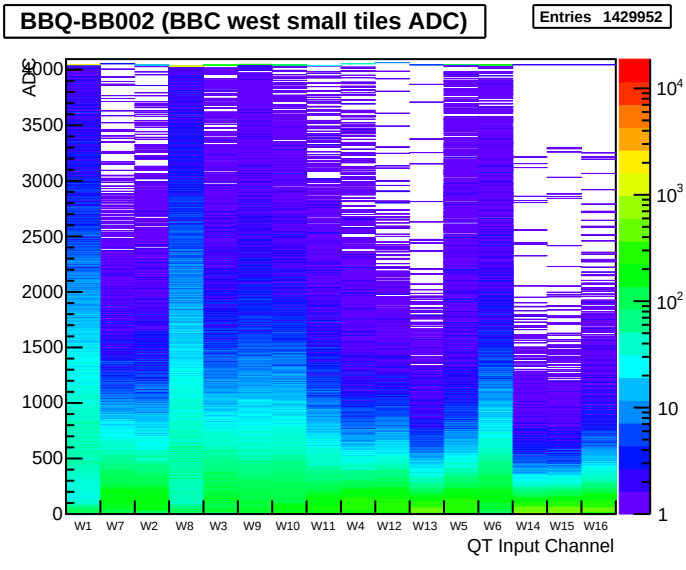

L2-TF201
Entries 0
TOF total mult(Real-Simu)

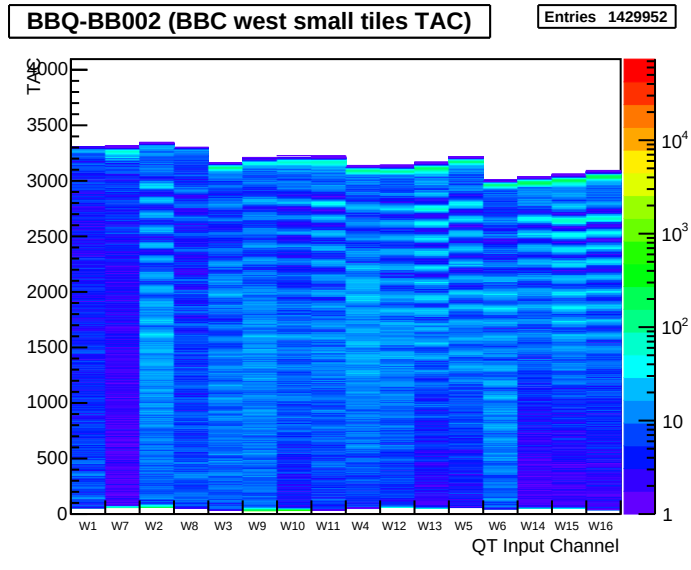

L2-TF201
Entries 625604
Threshold/UPC bits
88789
88877
10410
88804
88836
88628
88974
583
495
78962
568
536
744
398
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

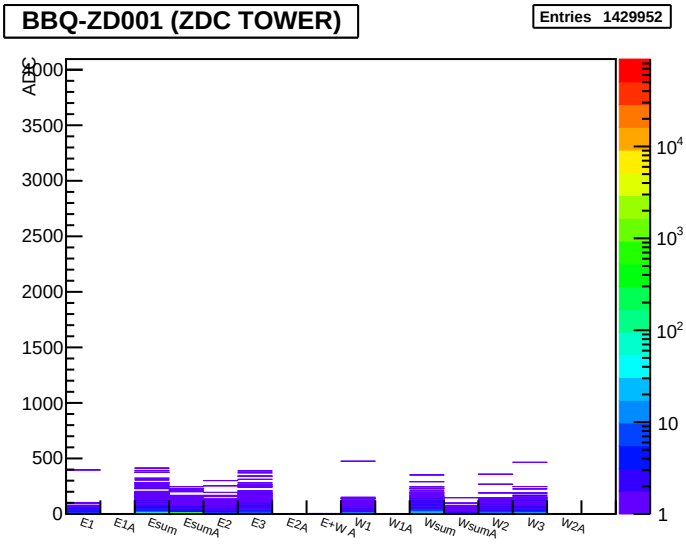

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

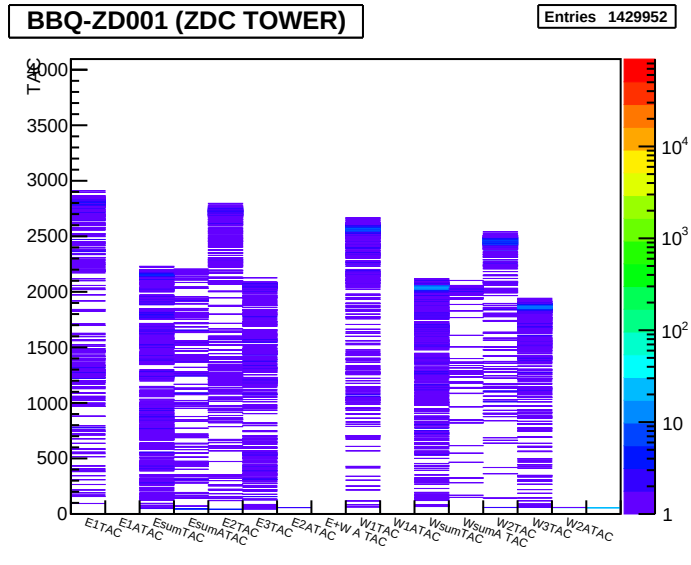

BBQ-BB001 (BBC east small tiles ADC)
Entries 1429952
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

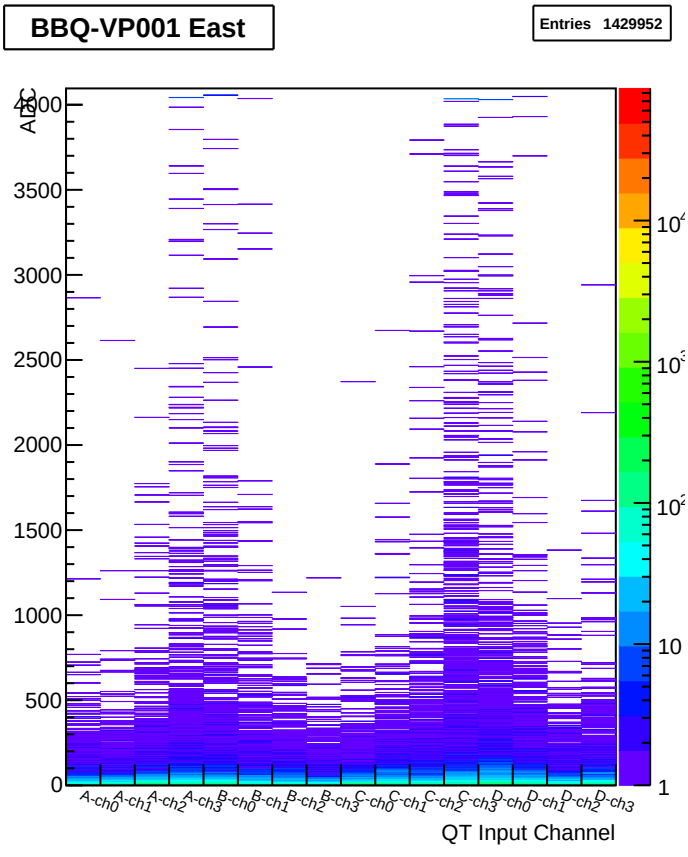

BBQ-BB001 (BBC east small tiles TAC)
Entries 1429952
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

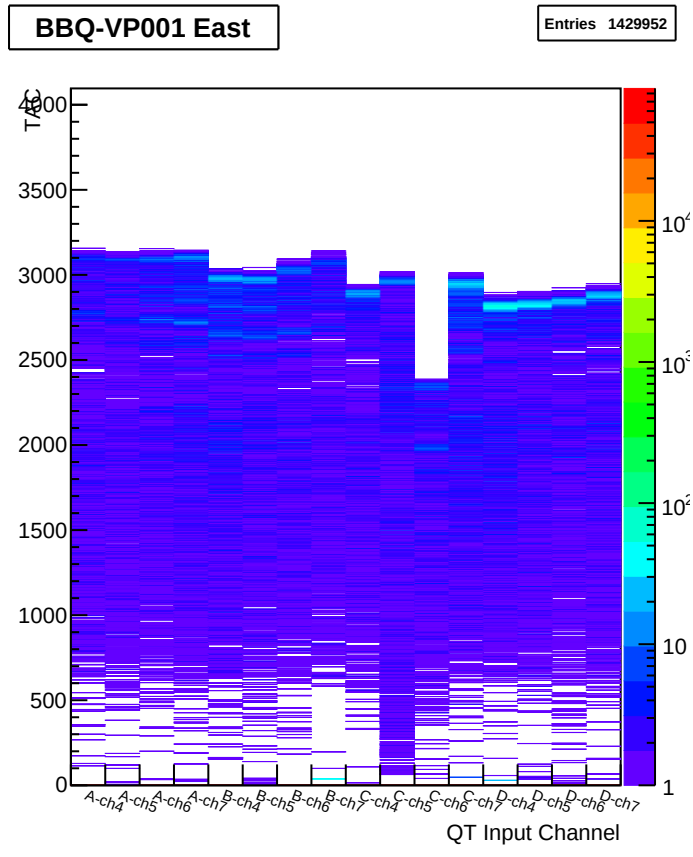

BBQ-BB002 (BBC west small tiles ADC)
Entries 1429952
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

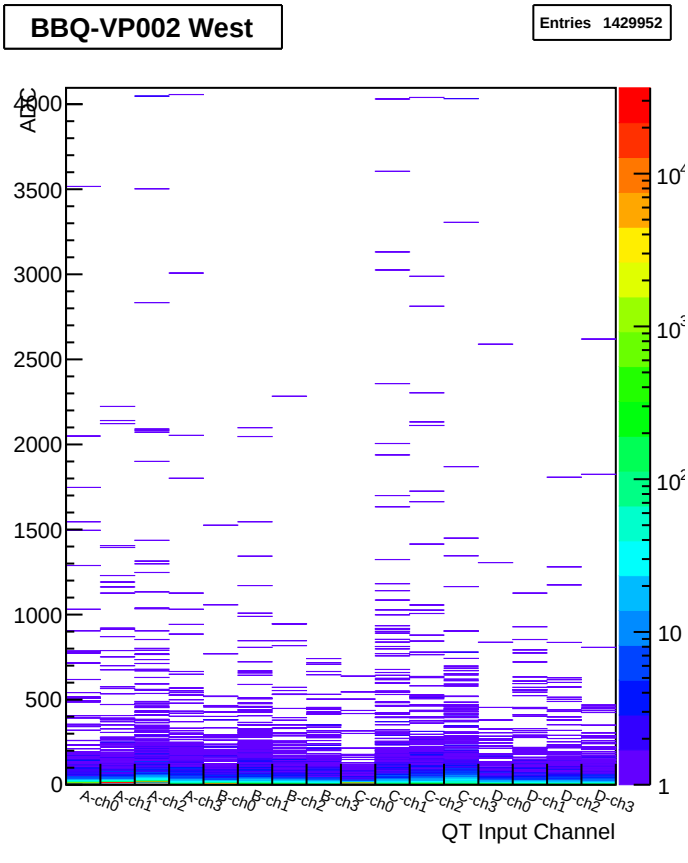

BBQ-BB002 (BBC west small tiles TAC)
Entries 1429952
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

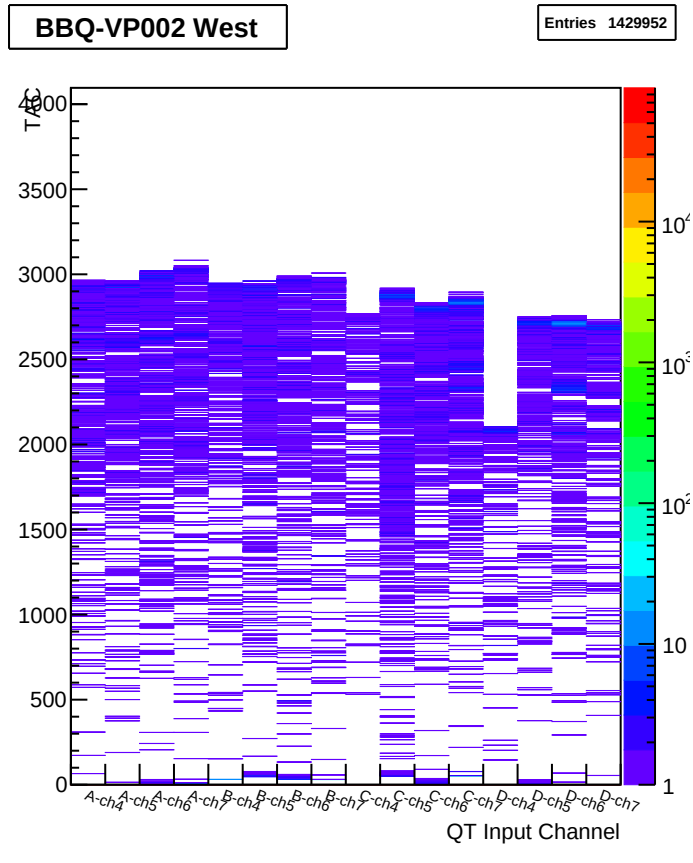

BBQ-ZD001 (ZDC TOWER)
Entries 1429952
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

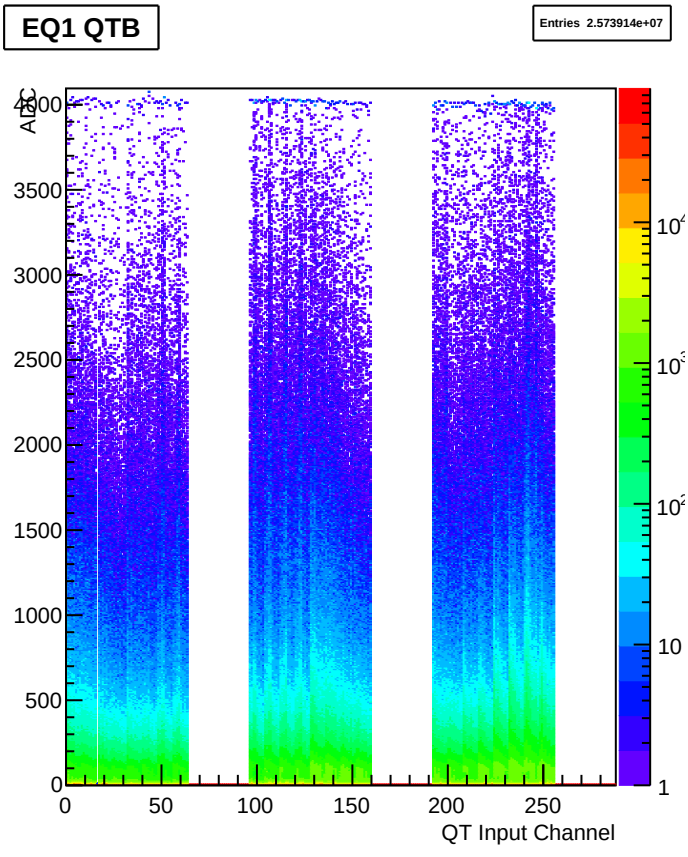

BBQ-ZD001 (ZDC TOWER)
Entries 1429952
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

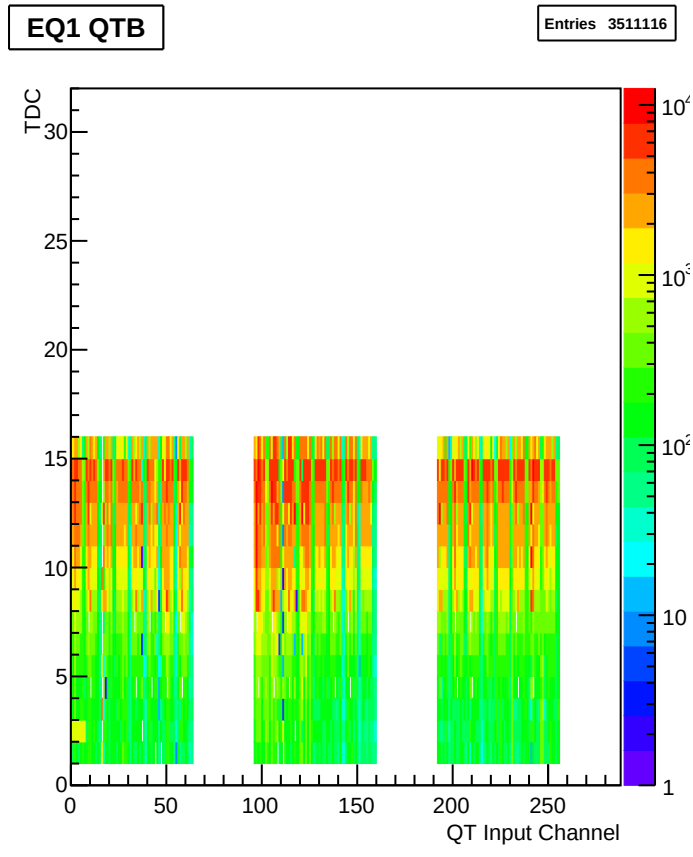

BBQ-VP001 East
Entries 1429952
ADC
QT Input Channel

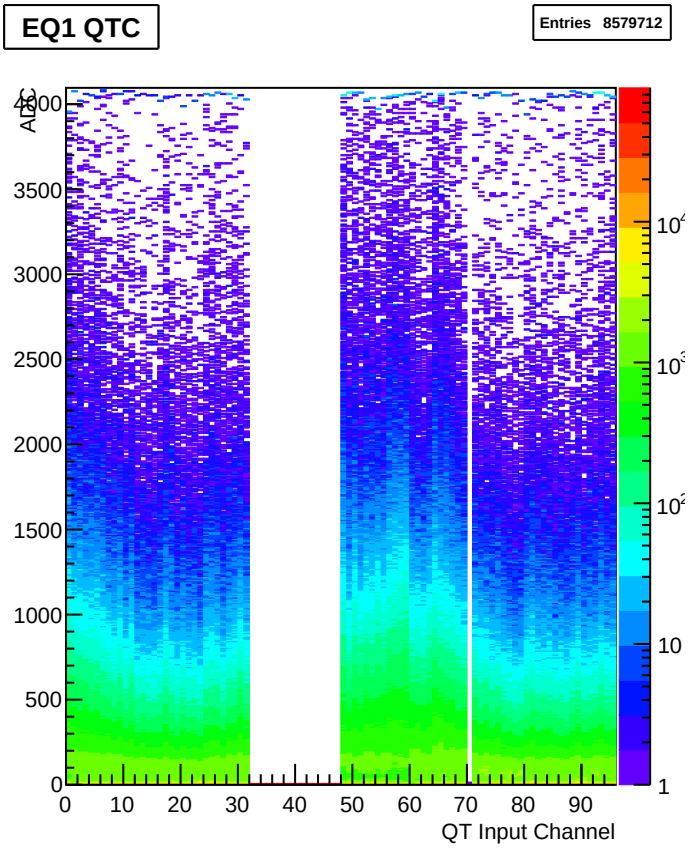

BBQ-VP001 East
Entries 1429952
TAC
QT Input Channel

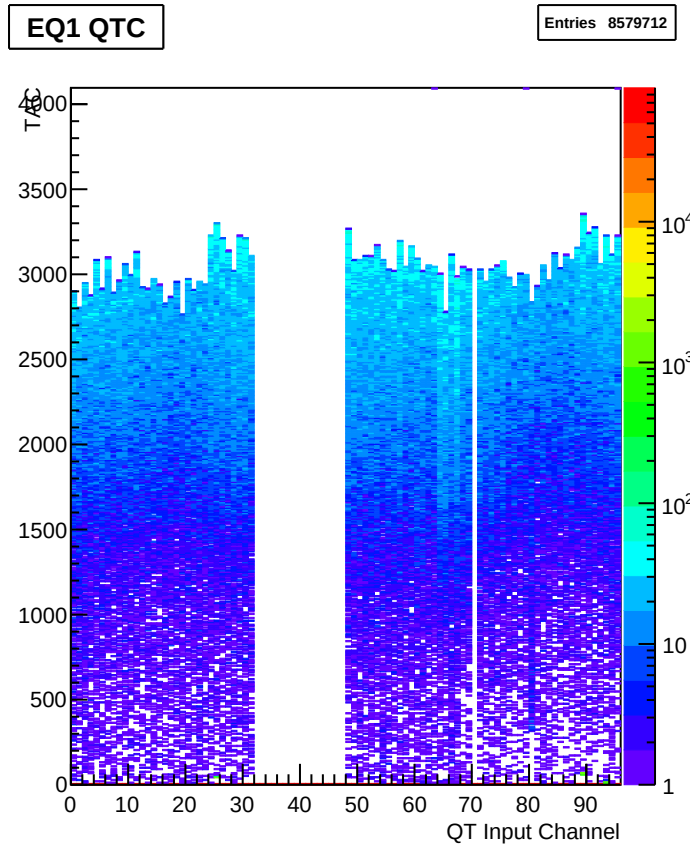

BBQ-VP002 West
Entries 1429952
ADC
QT Input Channel

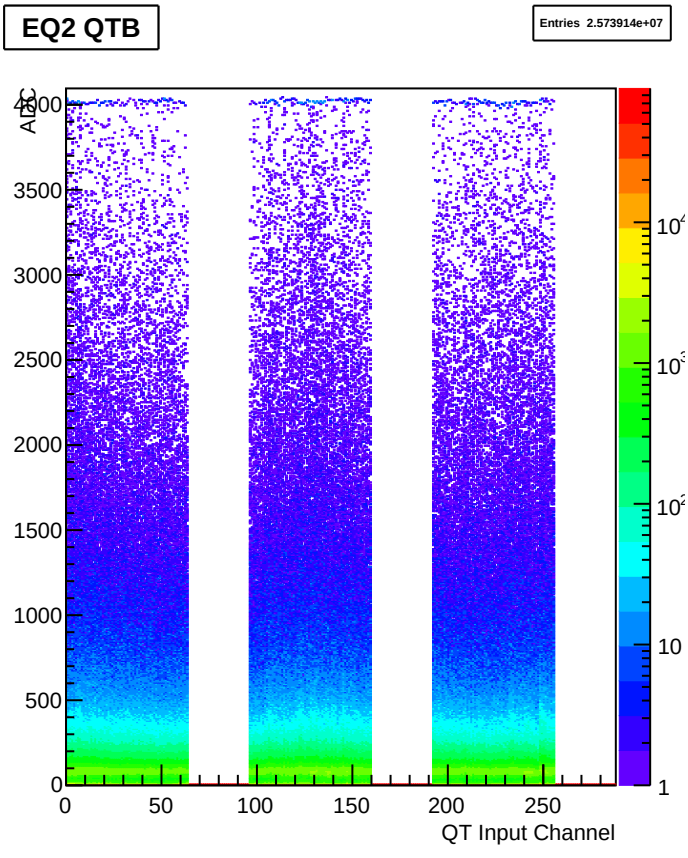

BBQ-VP002 West
Entries 1429952
TAC
QT Input Channel

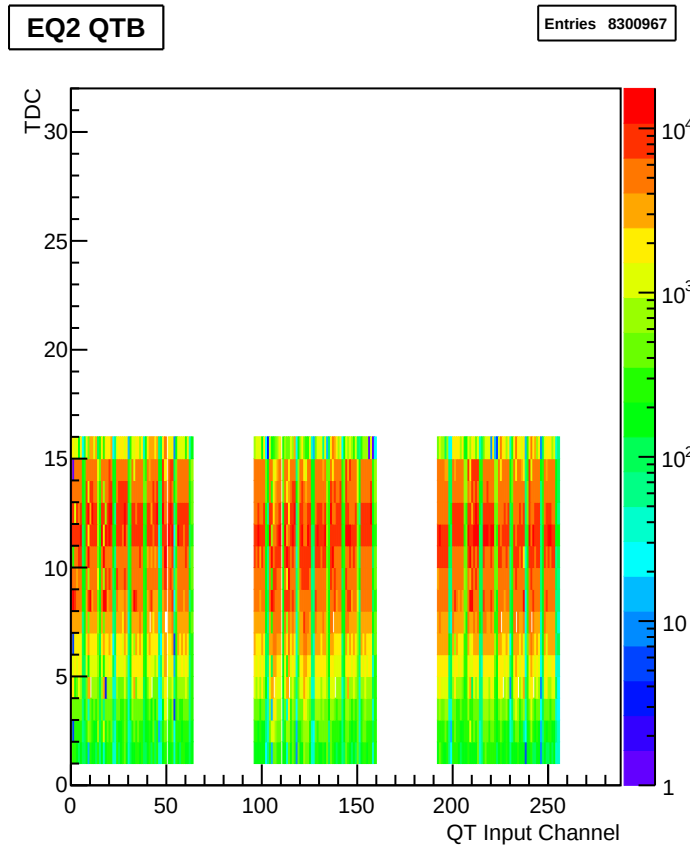

EQ1 QTB
Entries 2.573914e+07
ADC
QT Input Channel

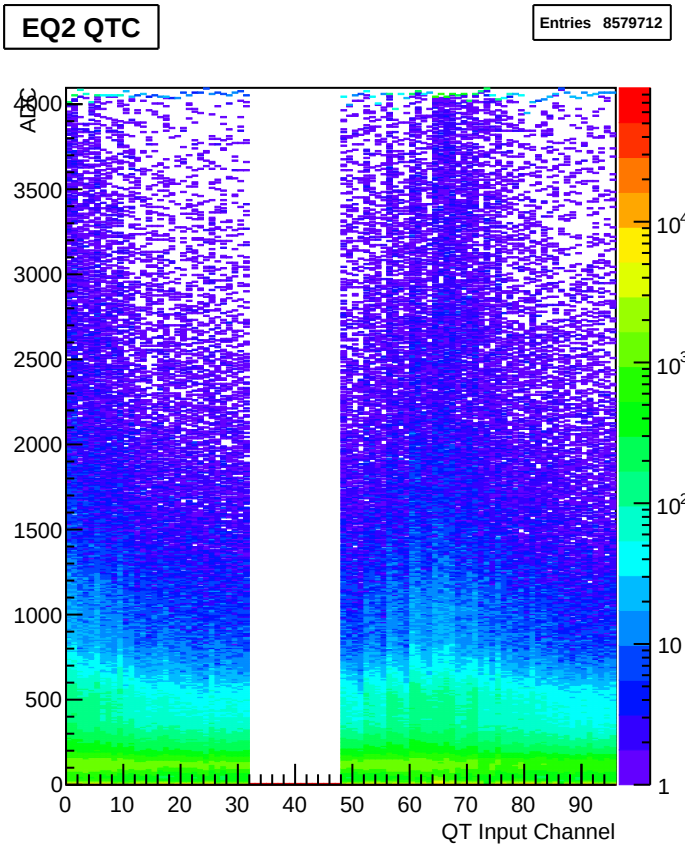

EQ1 QTB
Entries 3511116
TDC
QT Input Channel

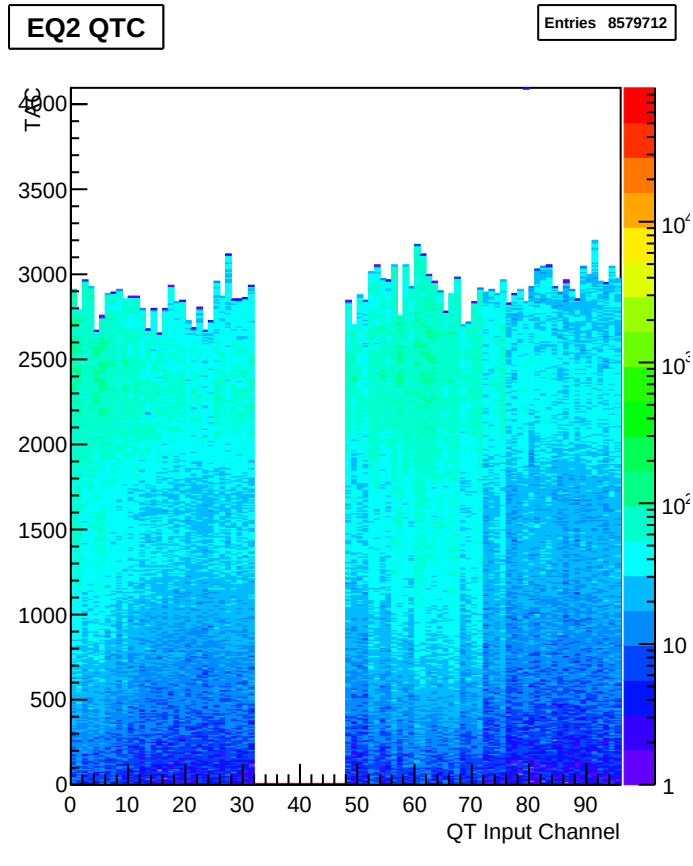

EQ1 QTC
Entries 8579712
ADC
QT Input Channel

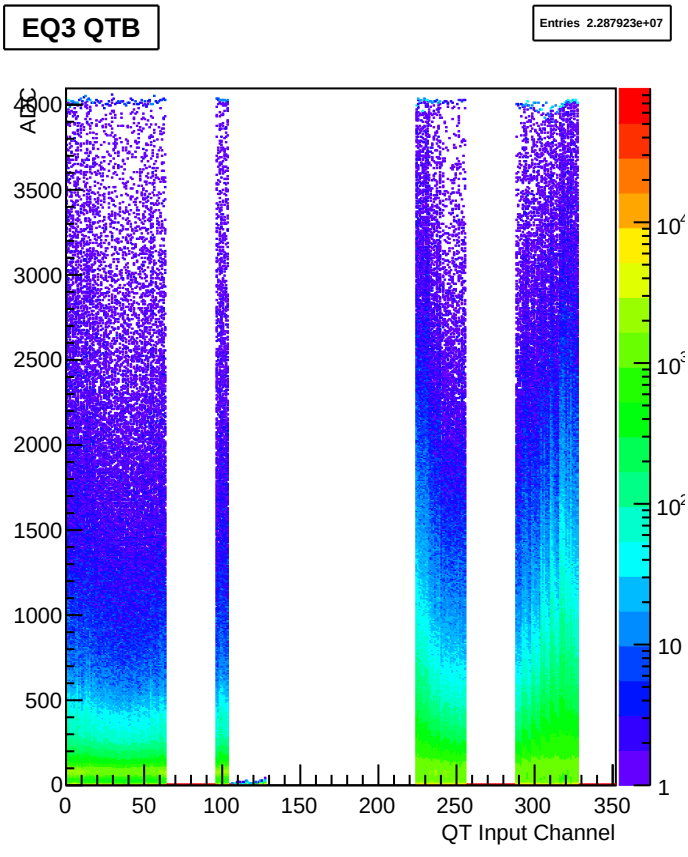

EQ1 QTC
Entries 8579712
TADC
QT Input Channel

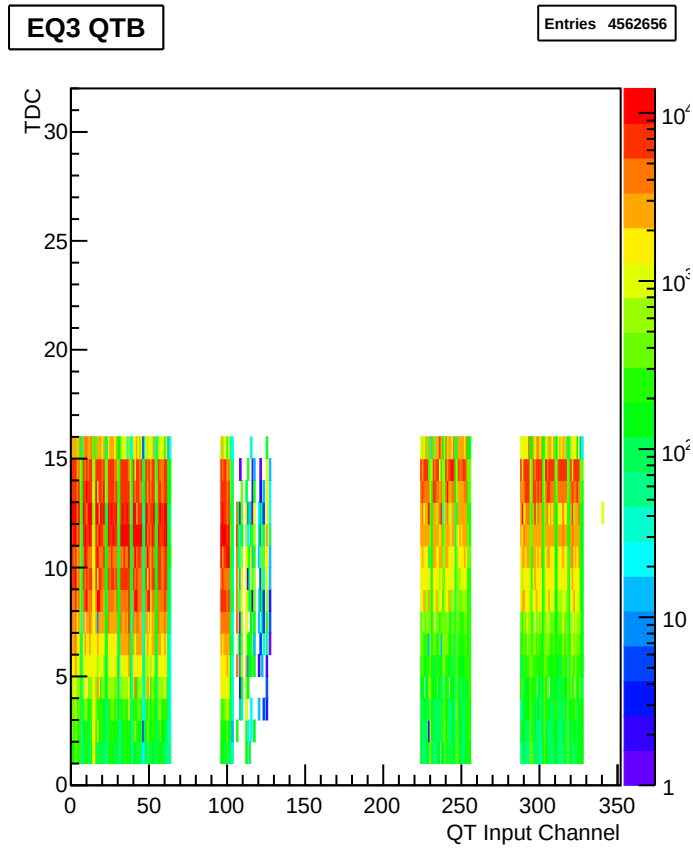

EQ2 QTB
Entries 2.573914e+07
ADC
QT Input Channel

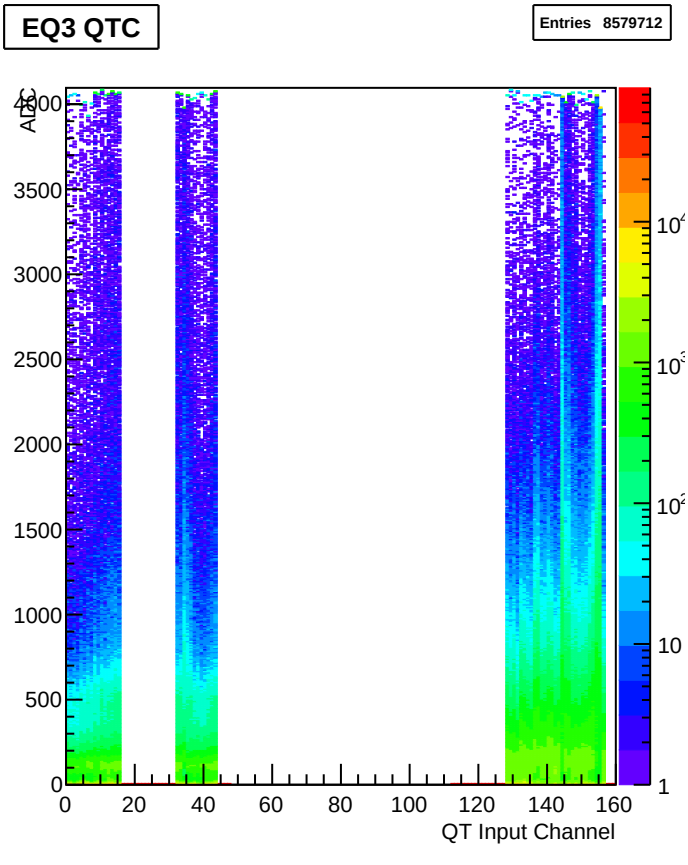

EQ2 QTB
Entries 8300967
TDC
QT Input Channel

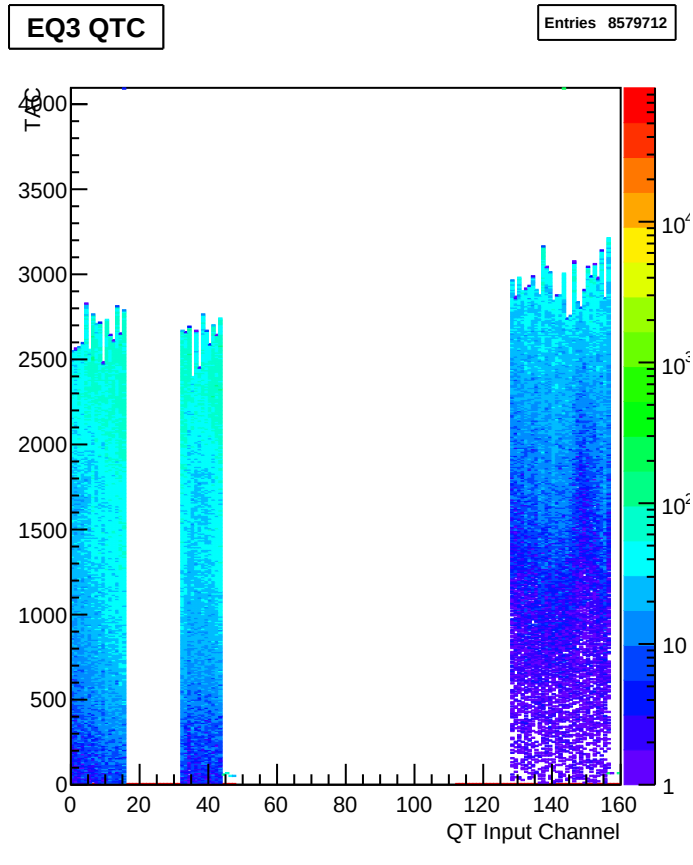

EQ2 QTC
Entries 8579712
ADC
QT Input Channel

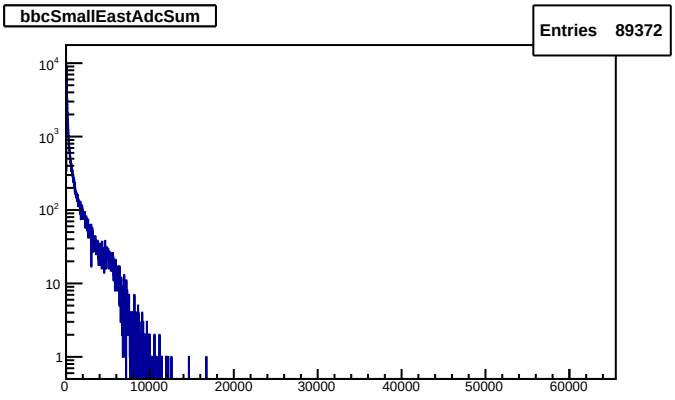

EQ2 QTC
Entries 8579712
TADC
QT Input Channel

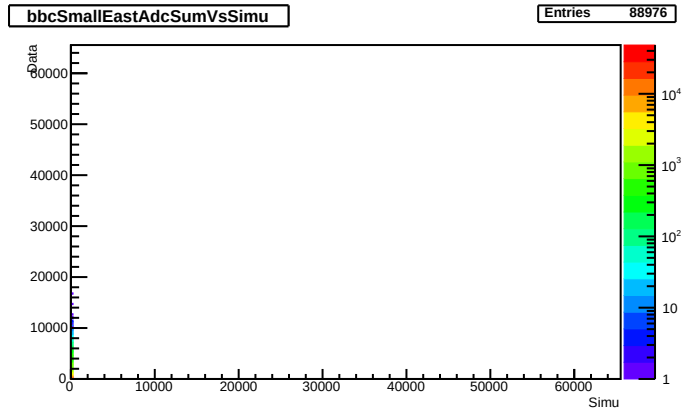

EQ3 QTB
Entries 2.287923e+07
ADC
QT Input Channel

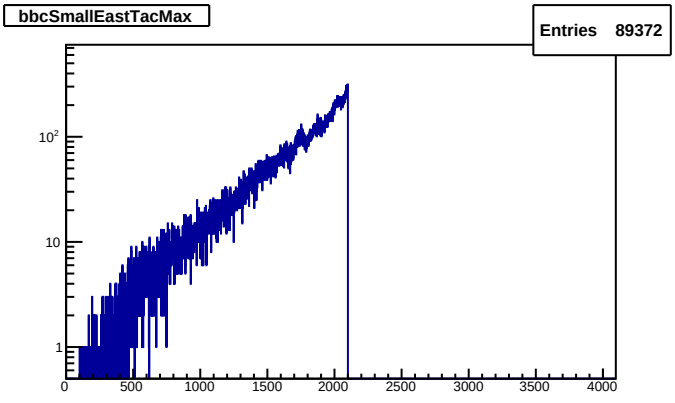

EQ3 QTB
Entries 4562656
TDC
QT Input Channel

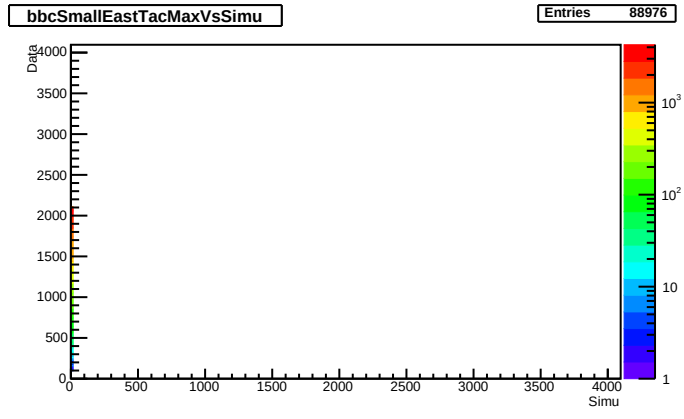

EQ3 QTC
Entries 8579712
ADC
QT Input Channel


EQ3 QTC
Entries 8579712
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 89372


bbcSmallEastAdcSumVsSimu
Entries 88976
Data
Simu


bbcSmallEastTacMax
Entries 89372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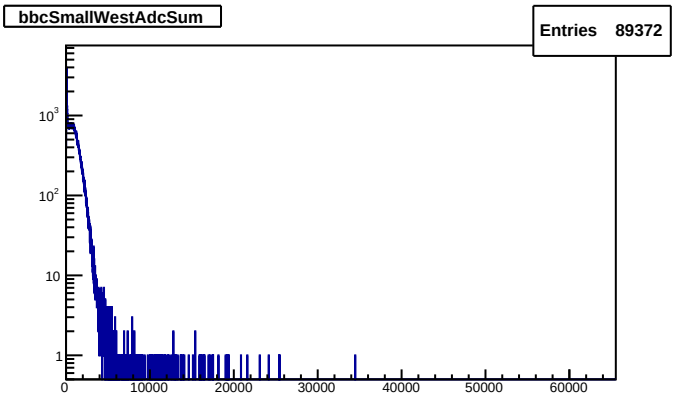
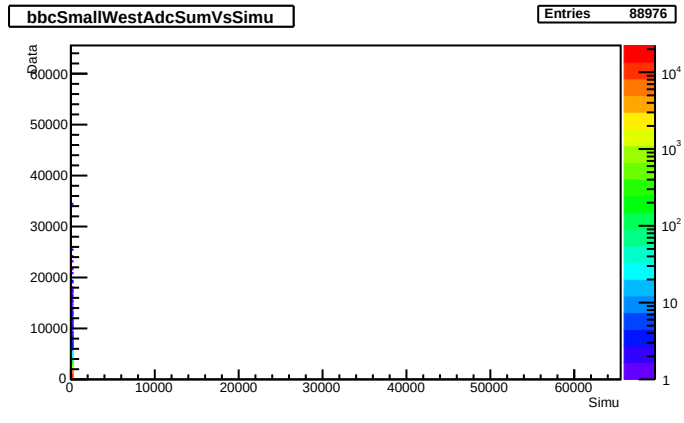
Entries 88976
Data
Simu


bbcSmallWestAdcSum
Entries 89372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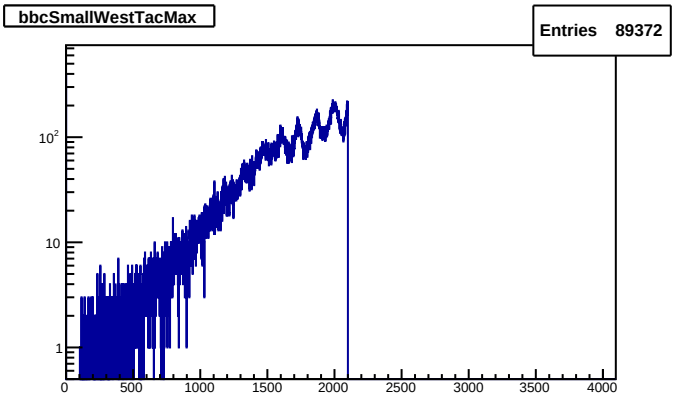
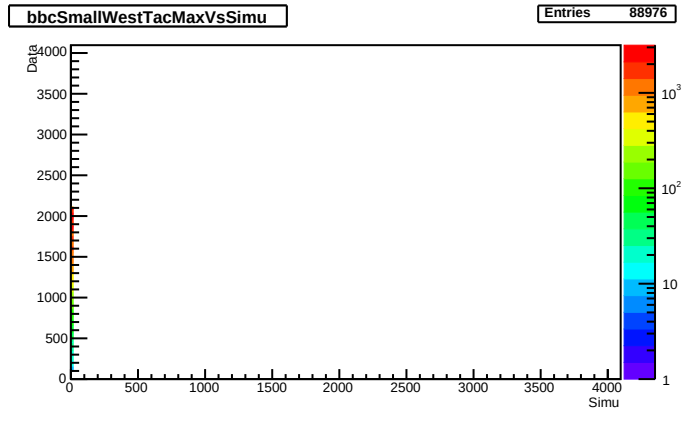
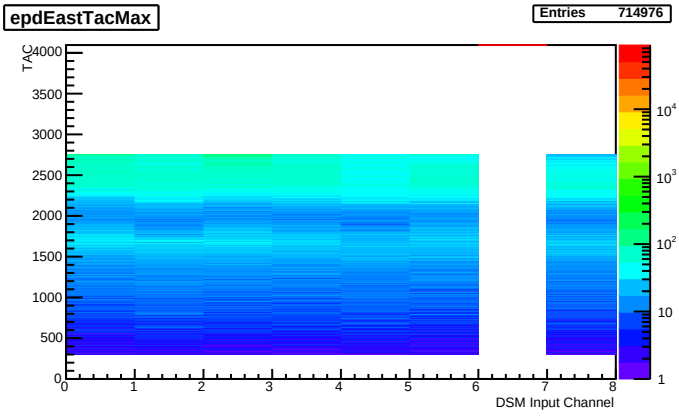
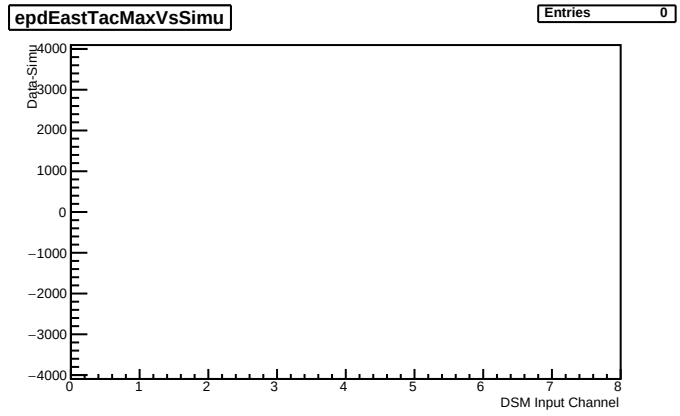
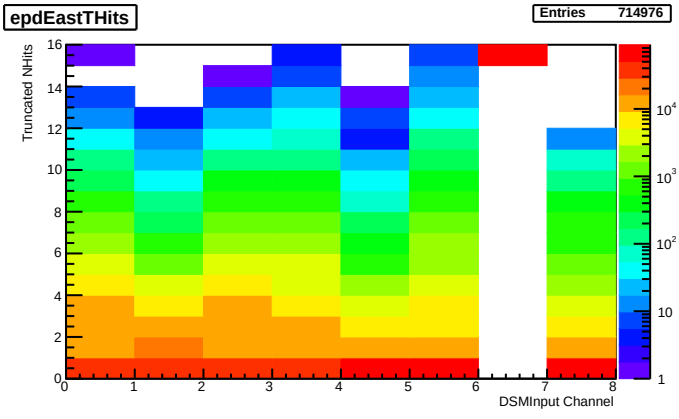
Entries 88976
Data
Simu

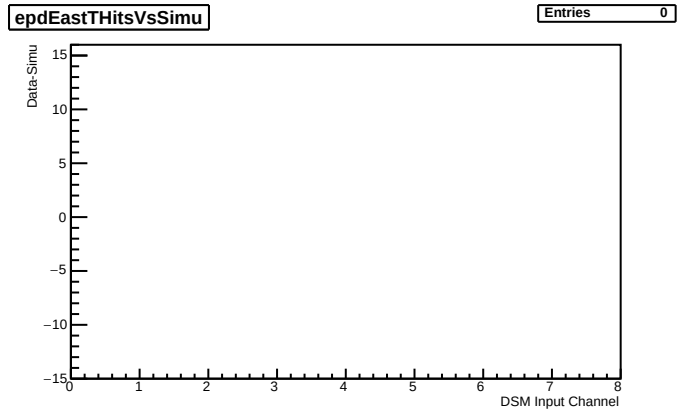

bbcSmallWestTacMax
Entries 89372

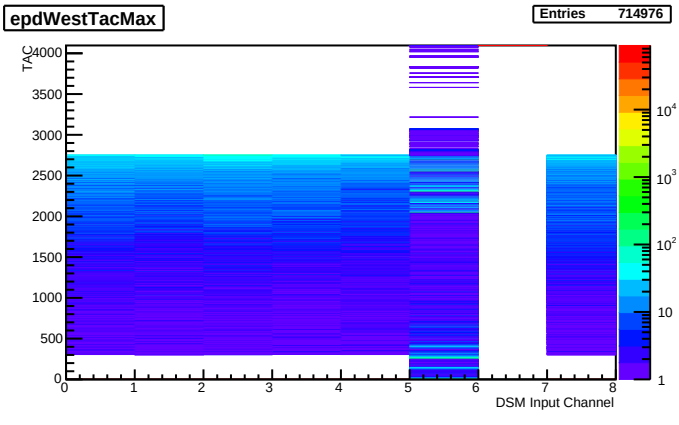

bbcSmallWestTacMaxVsSimu
Entries 88976
Data
Simu

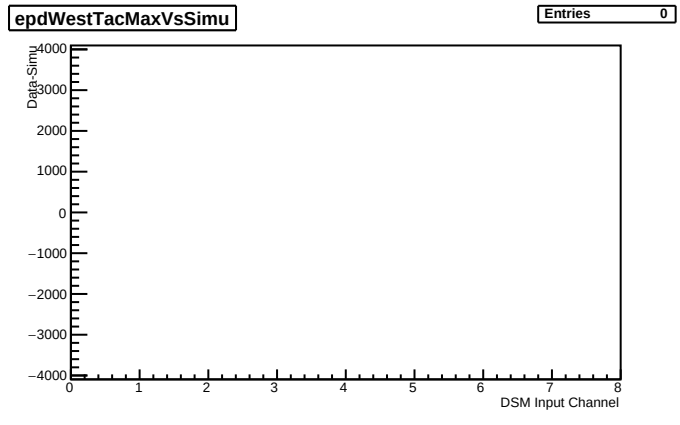

epdEastTacMax
Entries 714976
TAC
DSM Input Channel

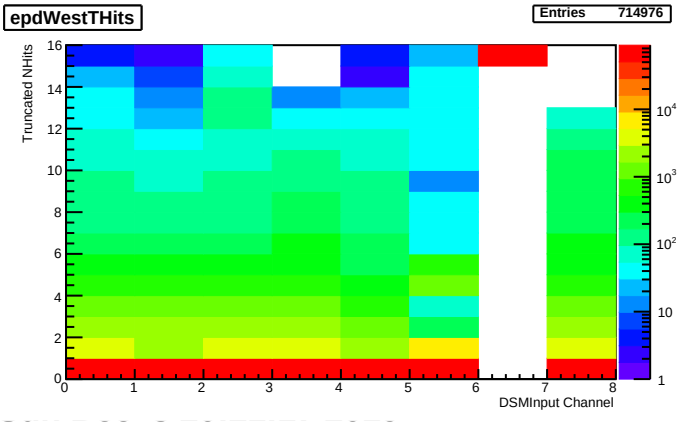

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

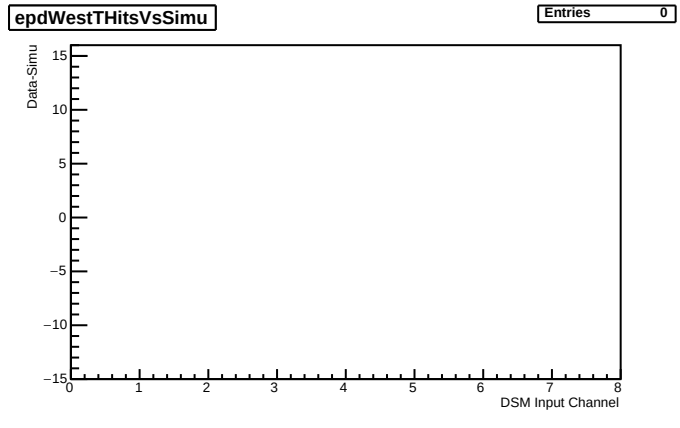

epdEastTHits
Entries 714976
Truncated NHits
DSMInput Channel

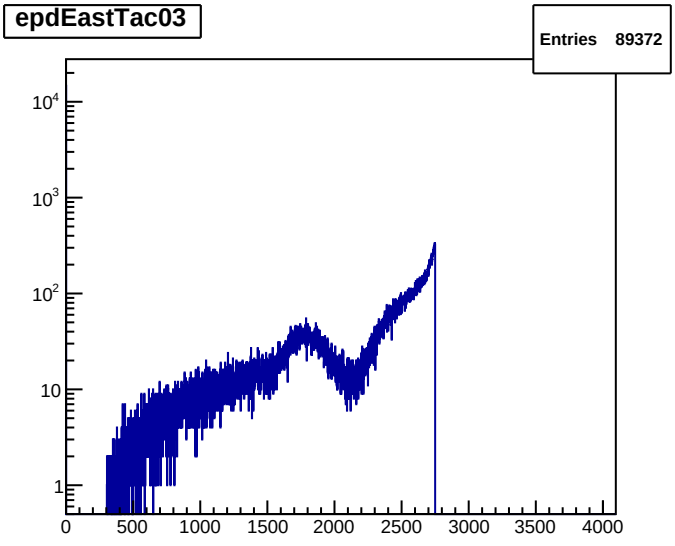

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

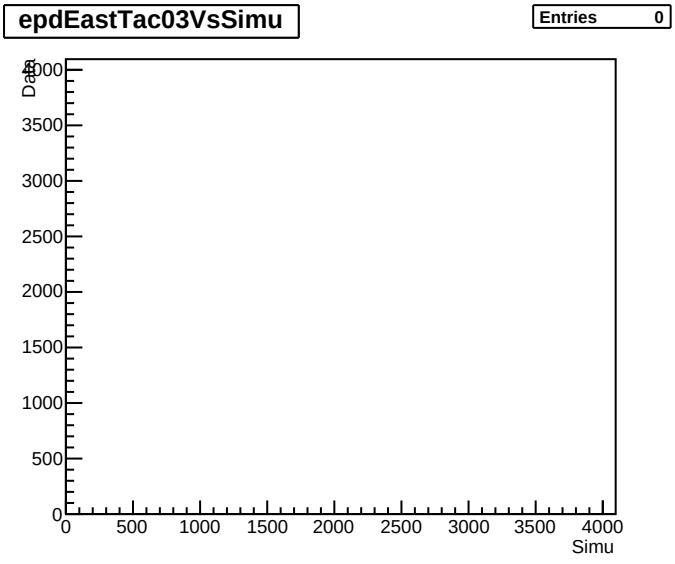

epdWestTacMax
Entries 714976
TAC
DSM Input Channel

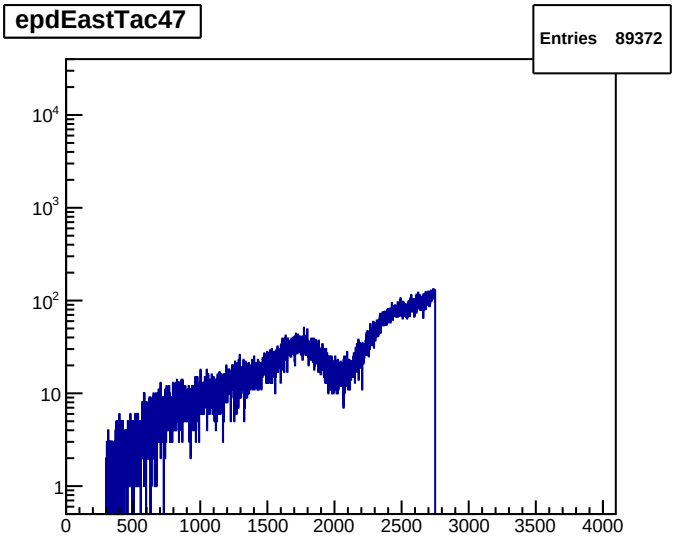

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

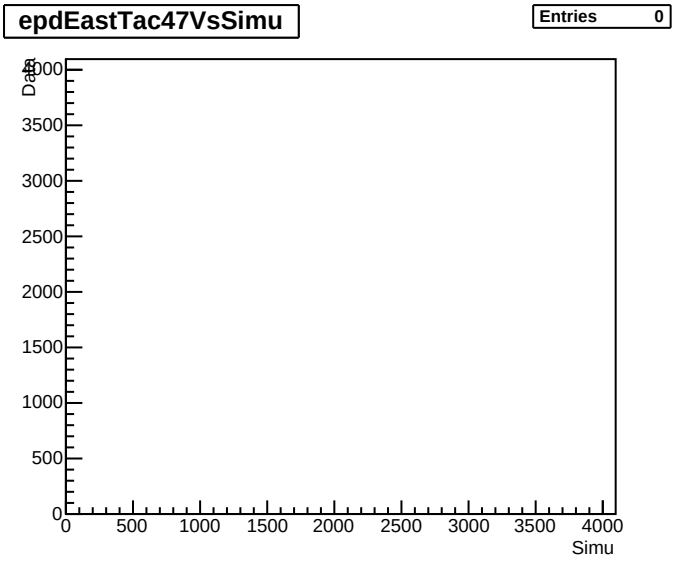

epdWestTHits
Entries 714976
Truncated NHits
DSMInput Channel

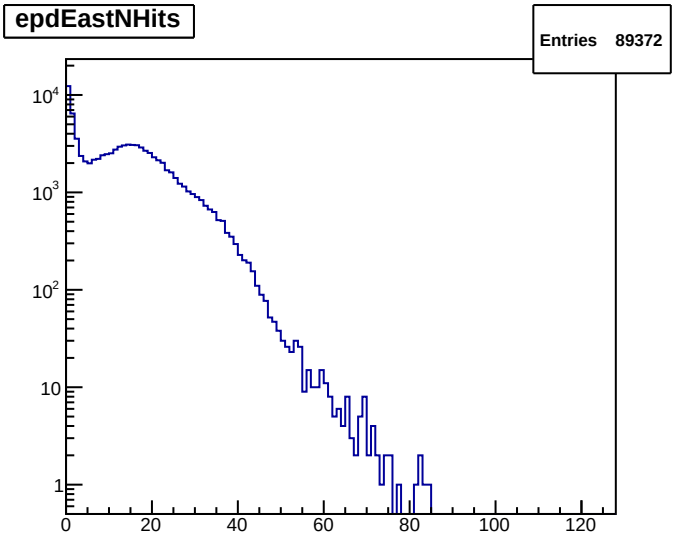

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

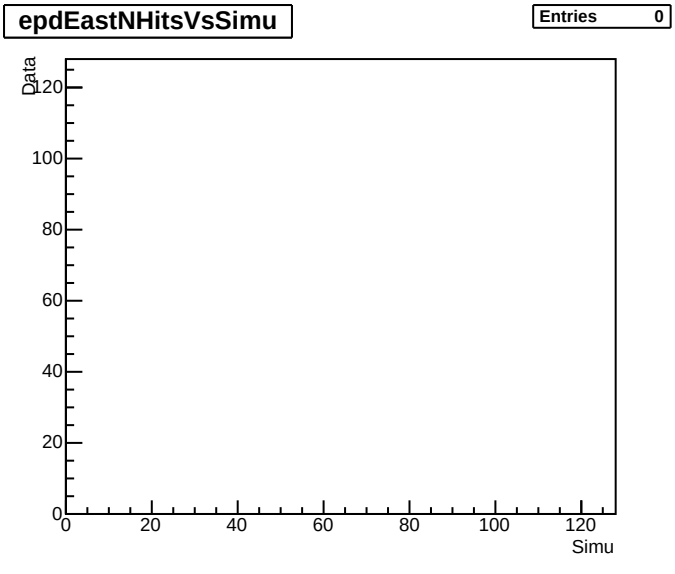

epdEastTac03
Entries 89372


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 89372


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 89372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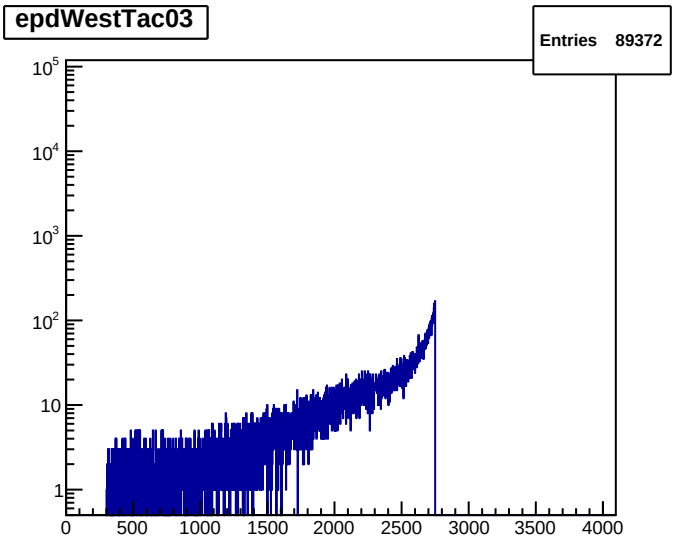
Entries 0
Data
Simu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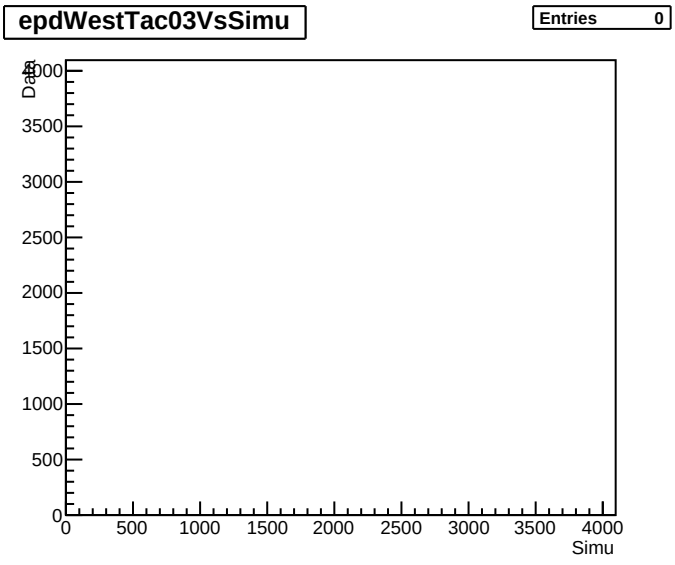
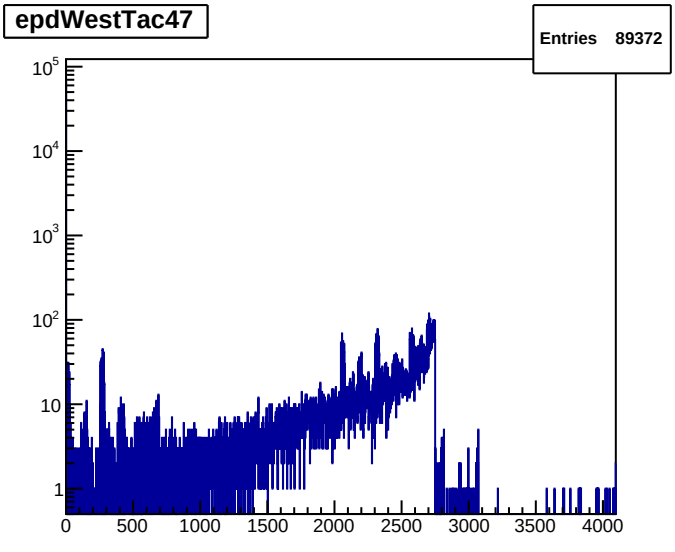
Entries 89372


epdWestTac03VsSimu
Entries 0
Data
Simu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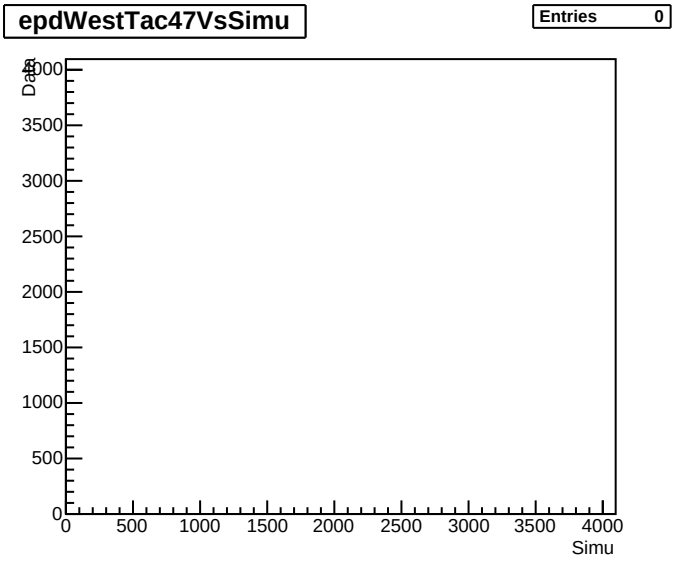
Entries 89372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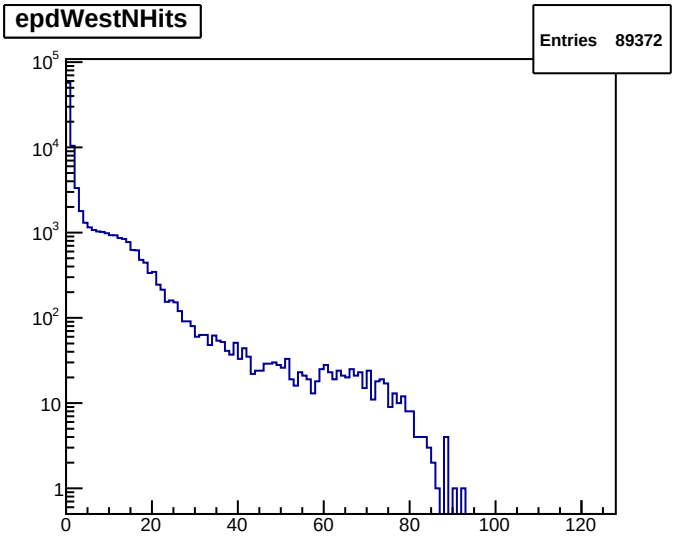
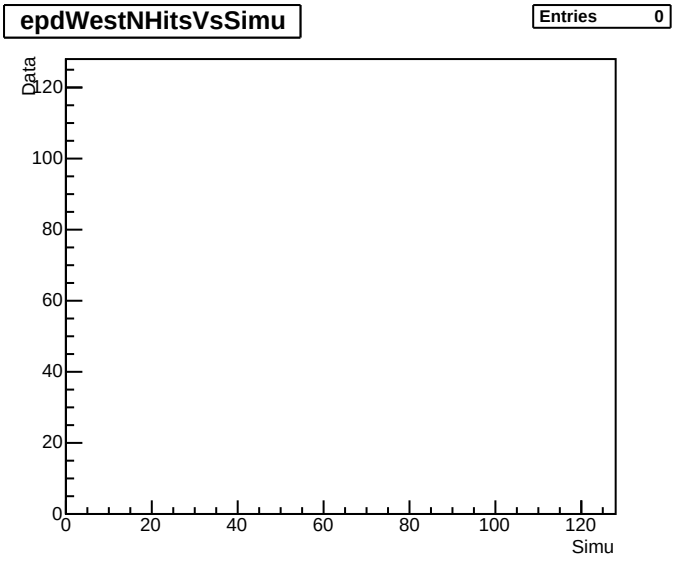
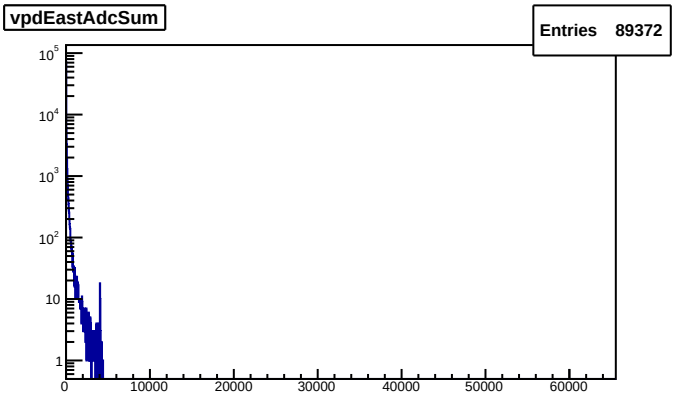
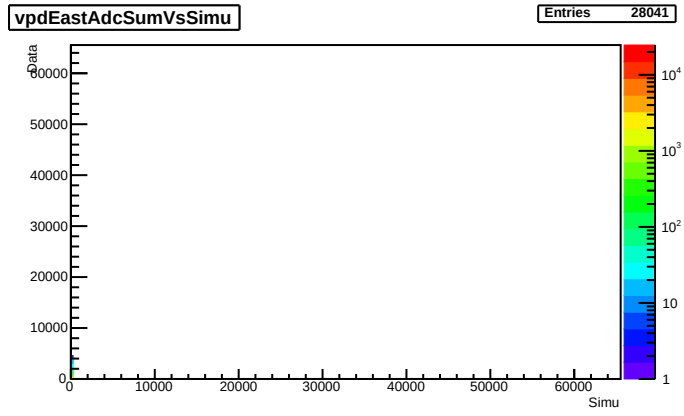
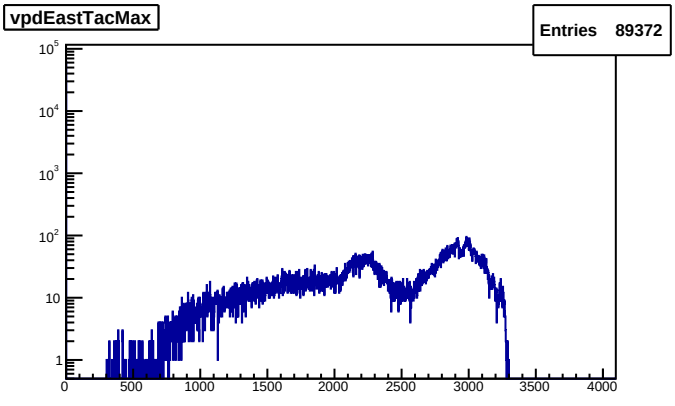
Entries 0
Data
Simu

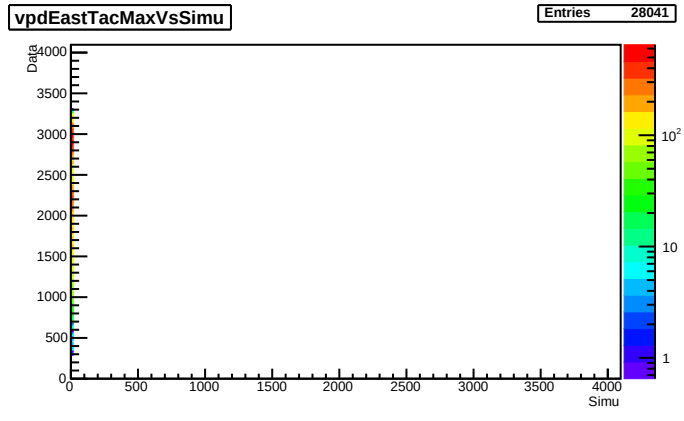

epdWestNHits
Entries 89372

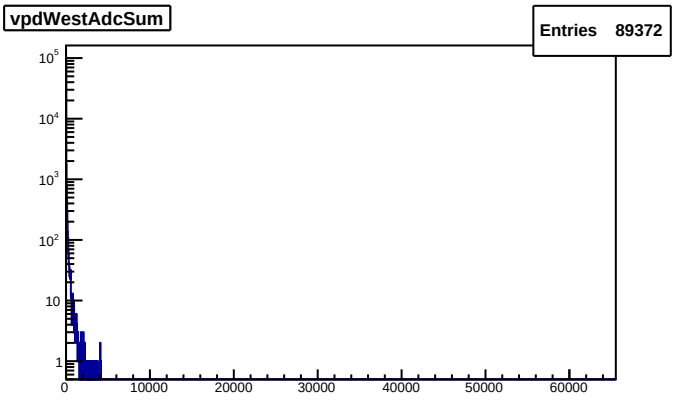

epdWestNHitsVsSimu
Entries 0
Data
Simu

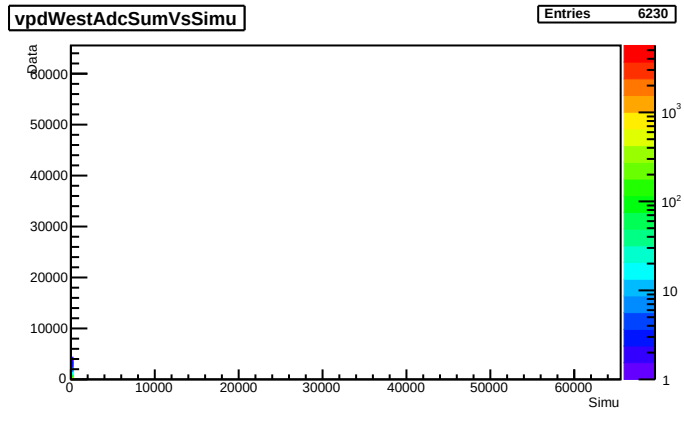

vpdEastAdcSum
Entries 89372

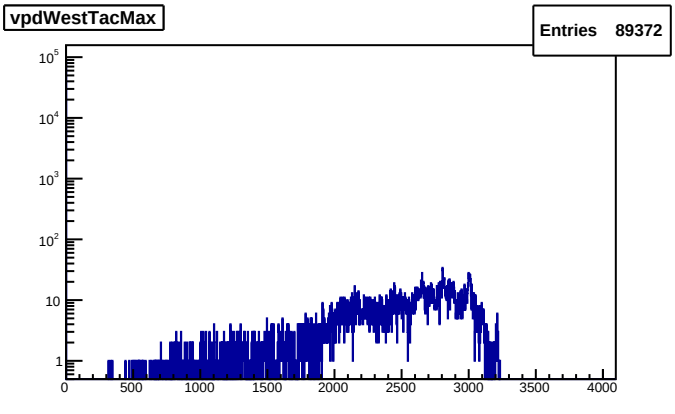

vpdEastAdcSumVsSimu
Entries 28041
Data
Simu

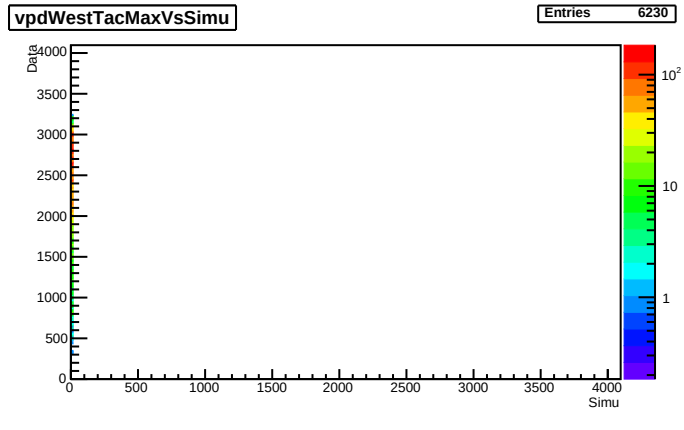

vpdEastTacMax
Entries 89372

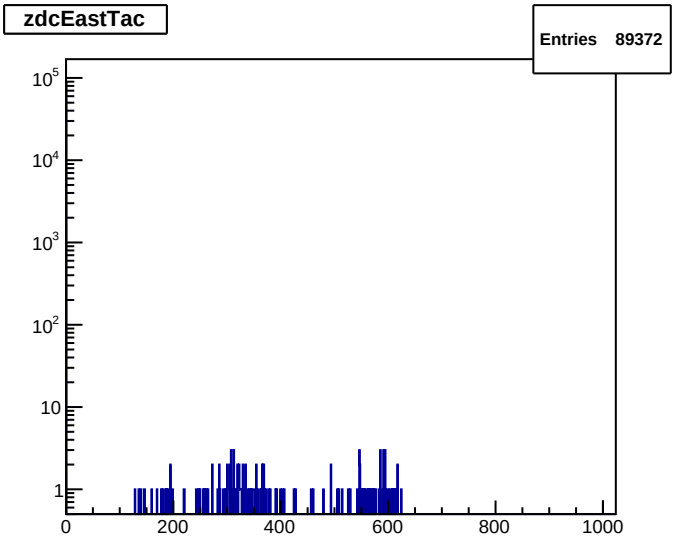

vpdEastTacMaxVsSimu
Entries 28041
Data
Simu

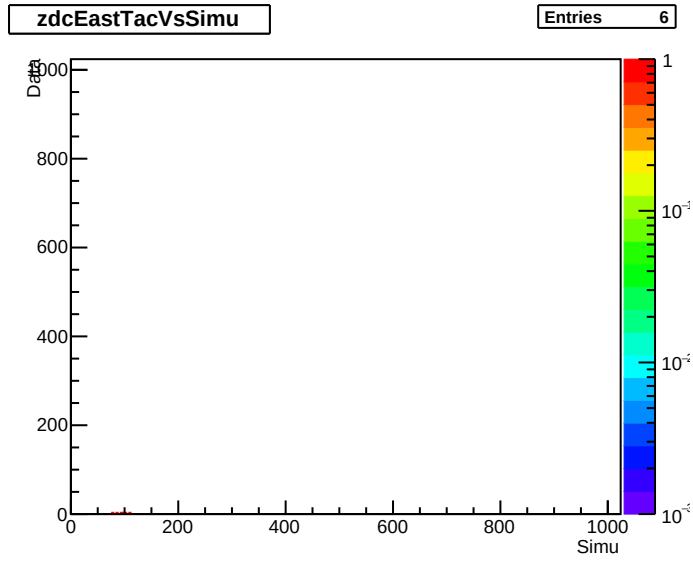

vpdWestAdcSum
Entries 89372

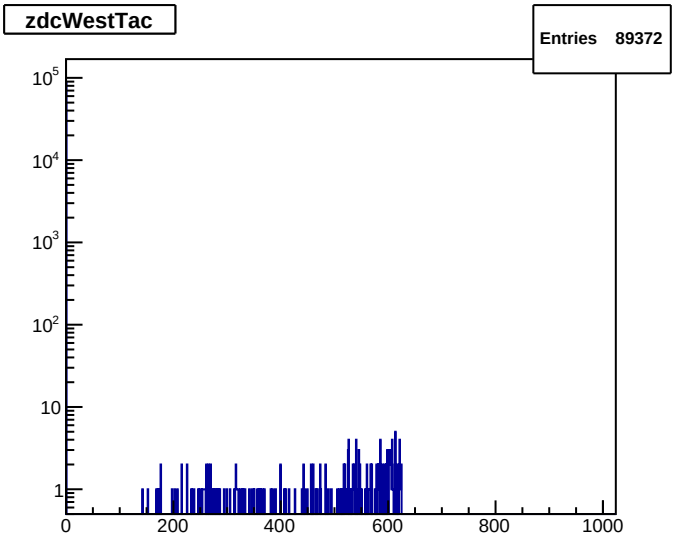

vpdWestAdcSumVsSimu
Entries 6230
Data
Simu

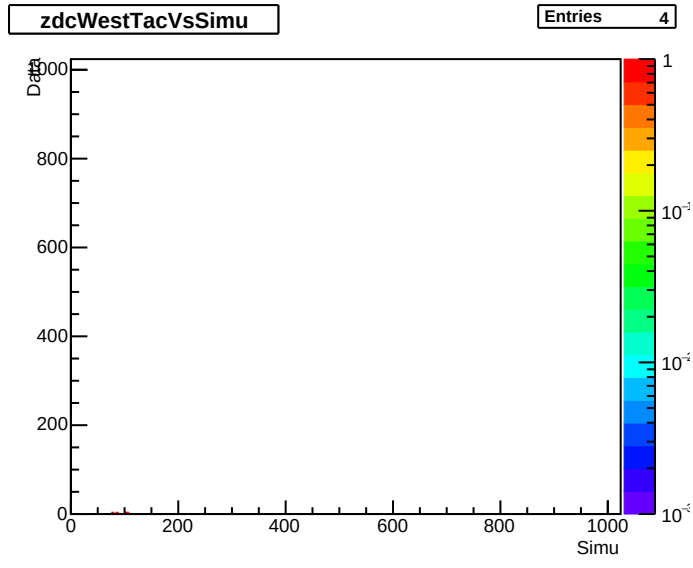

vpdWestTacMax
Entries 89372

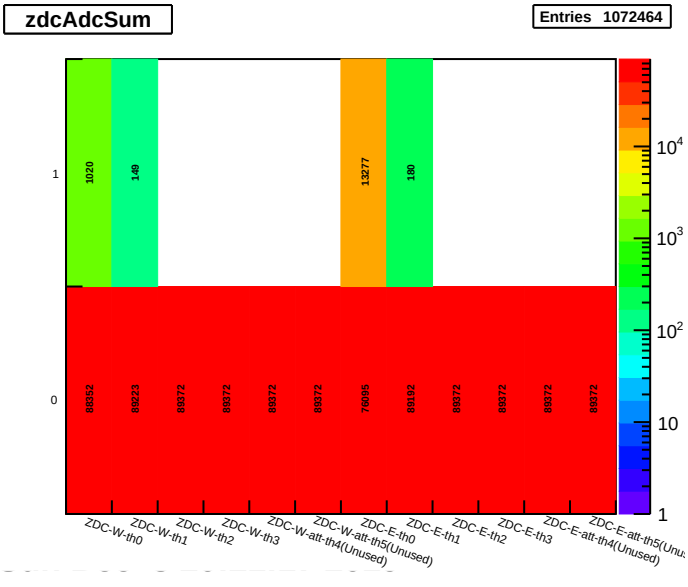

vpdWestTacMaxVsSimu
Entries 6230
Data
Simu

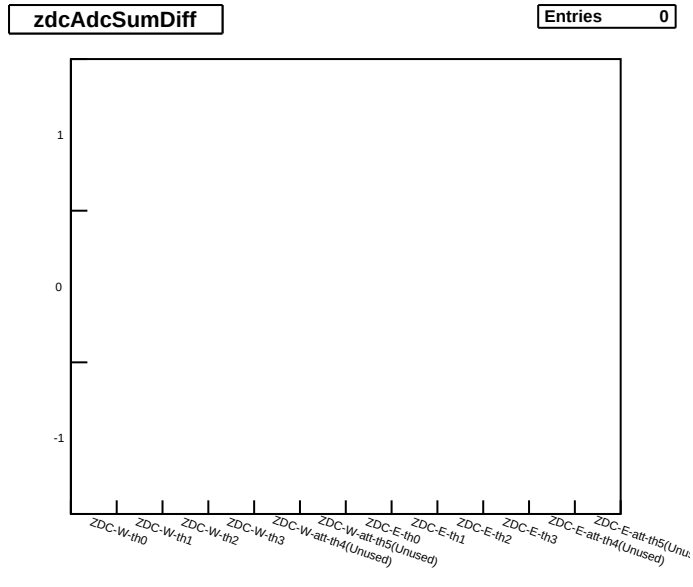

zdcEastTac
Entries 89372

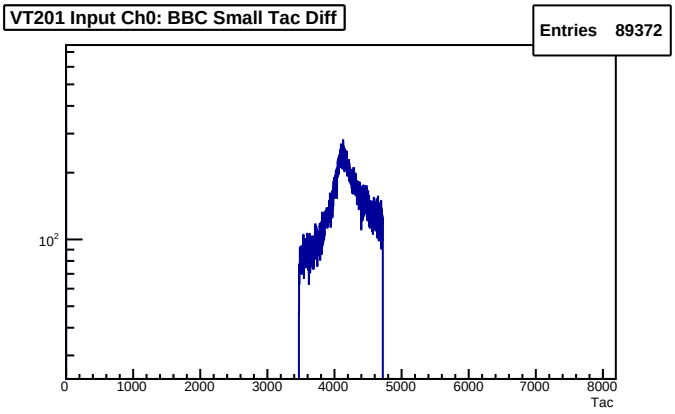

zdcEastTacVsSimu
Entries 6
Data
Simu

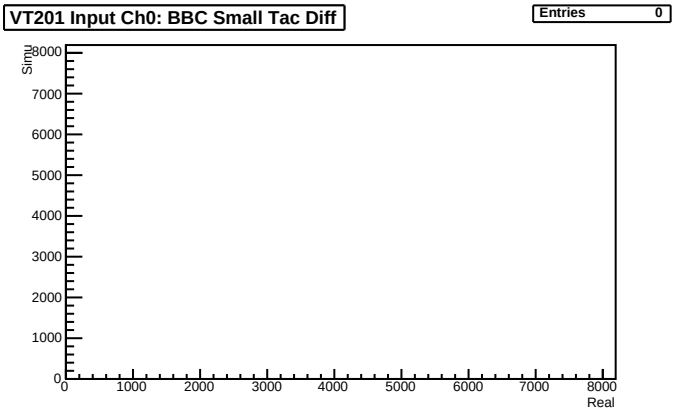

zdcWestTac
Entries 89372

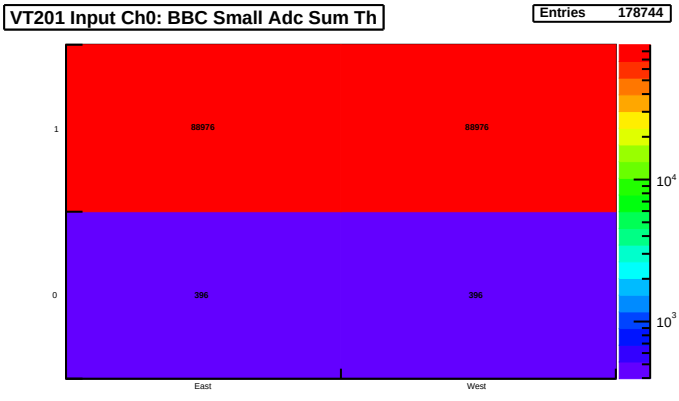

zdcWestTacVsSimu
Entries 4
Data
Simu

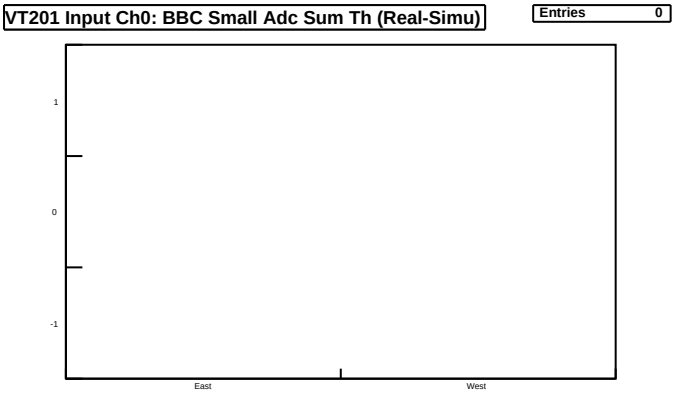

zdcAdcSum
Entries 1072464
1020
149
13277
180
88352
89223
89372
89372
89372
89372
76095
89192
89372
89372
89372
89372
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

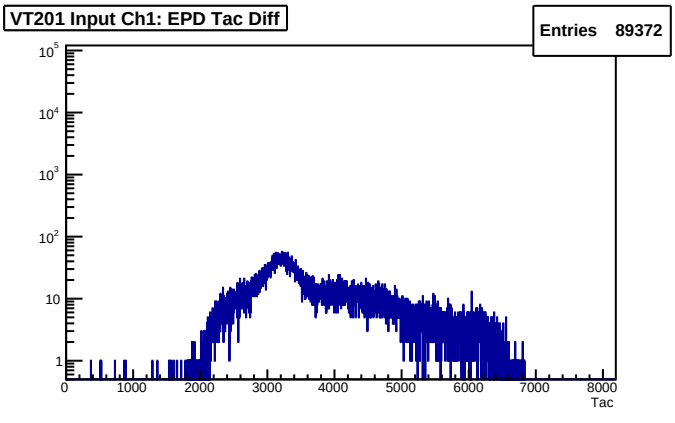

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

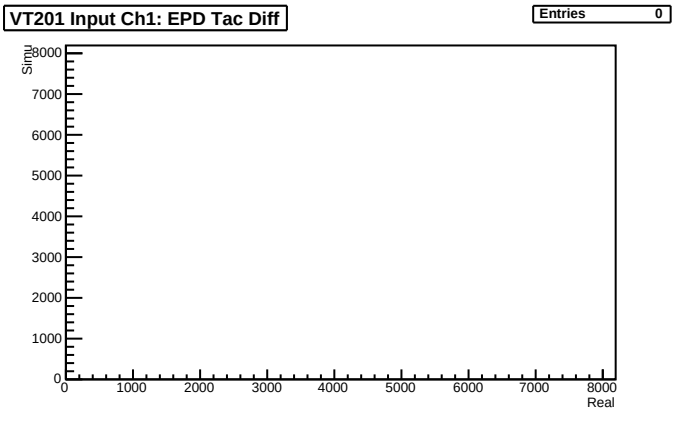

VT201 Input Ch0: BBC Small Tac Diff
Entries 89372
Tac

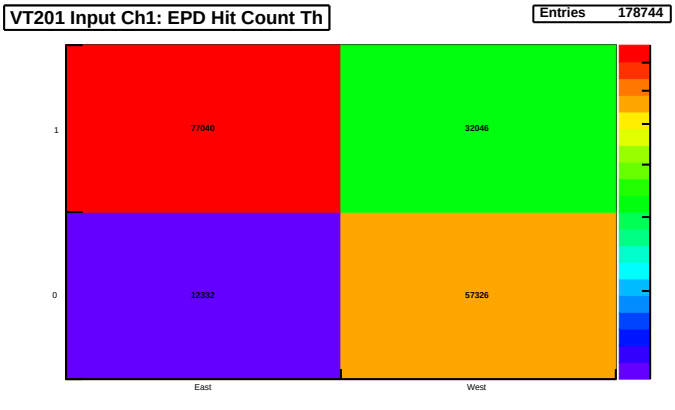

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

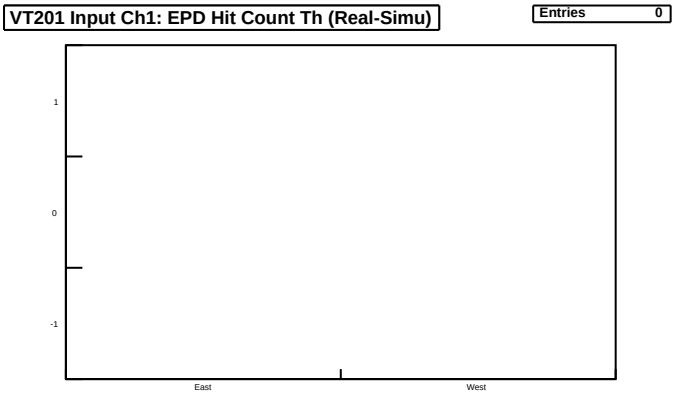

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 178744
88976
88976
396
396
East
West

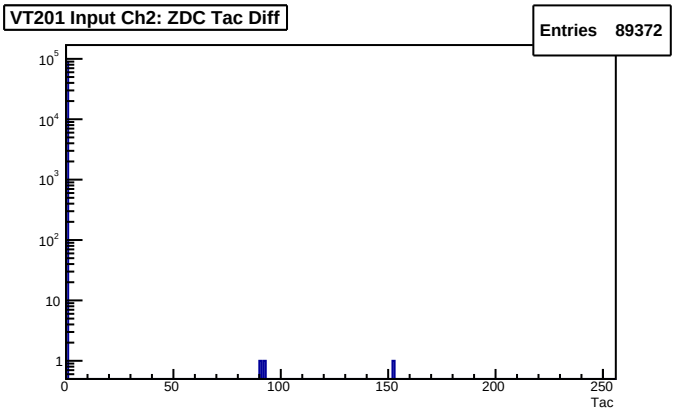

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

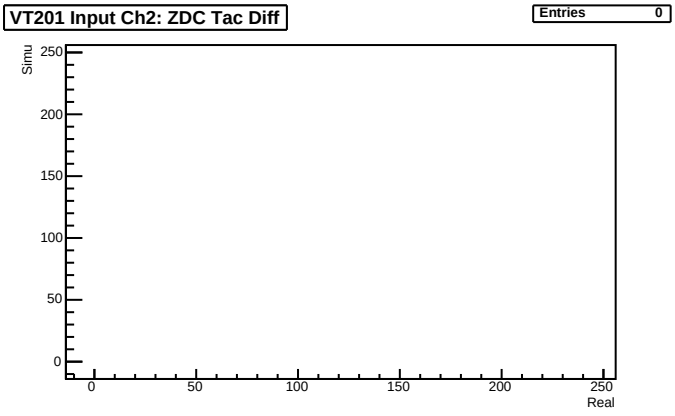

VT201 Input Ch1: EPD Tac Diff
Entries 89372
Tac

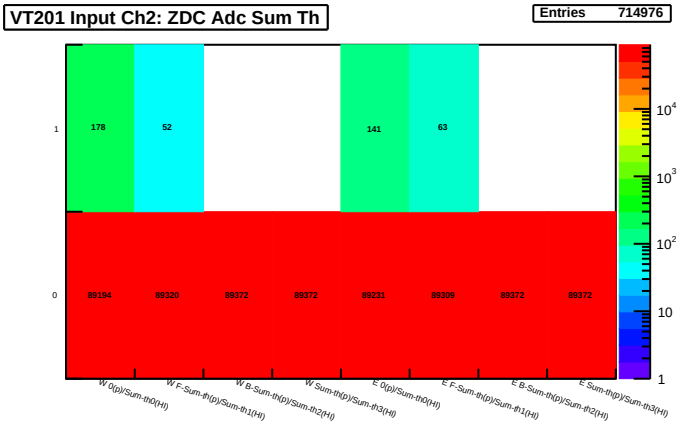

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

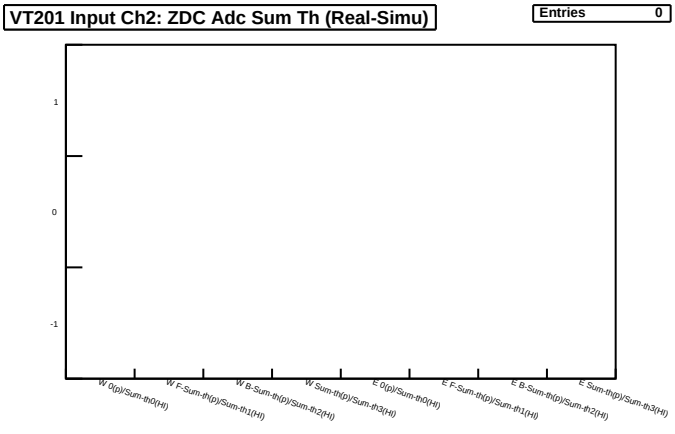

VT201 Input Ch1: EPD Hit Count Th
Entries 178744
77040
32046
12332
57326
East
West

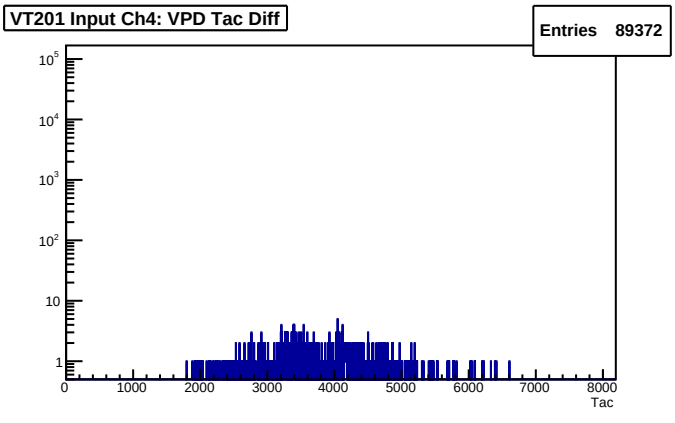

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

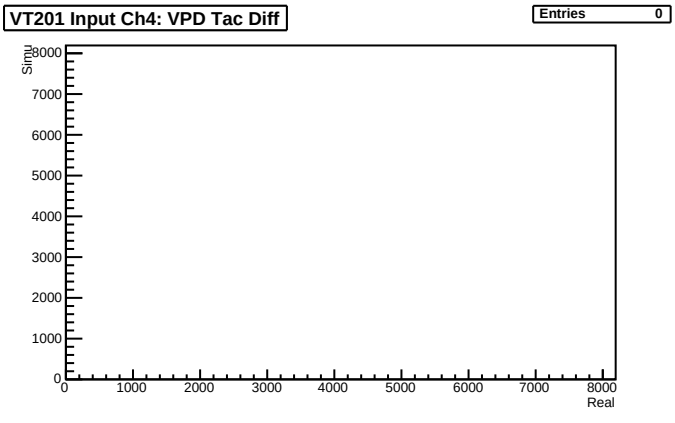

VT201 Input Ch2: ZDC Tac Diff
Entries 89372
Tac

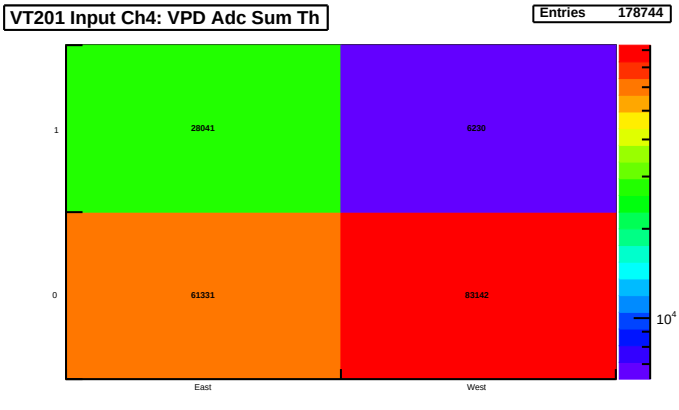

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

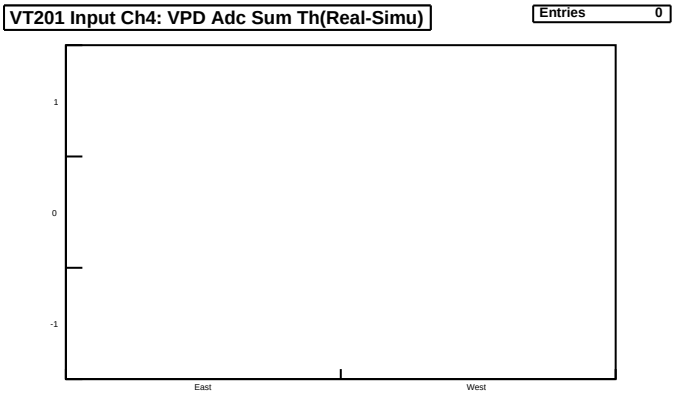

VT201 Input Ch2: ZDC Adc Sum Th
Entries 714976
178
52
141
63
89194
89320
89372
89372
89231
89309
89372
89372
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

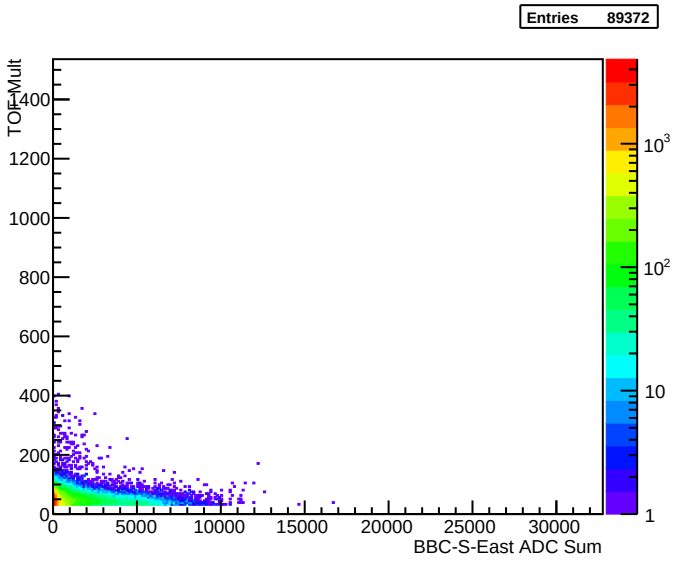

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

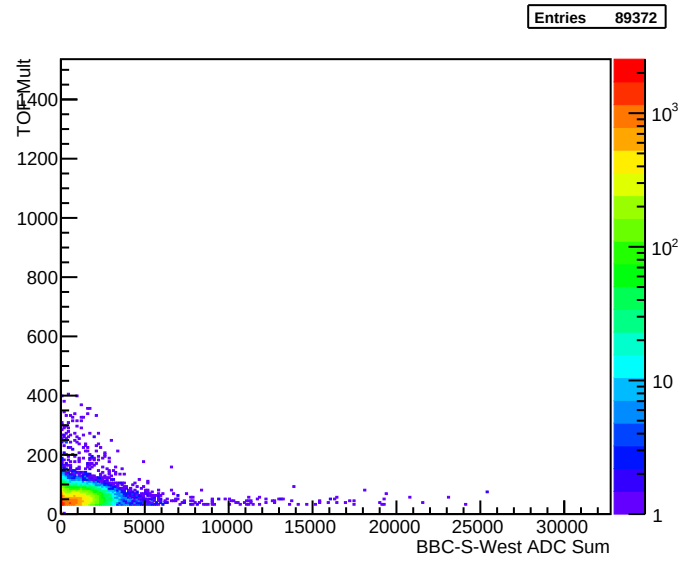

VT201 Input Ch4: VPD Tac Diff
Entries 89372
Tac

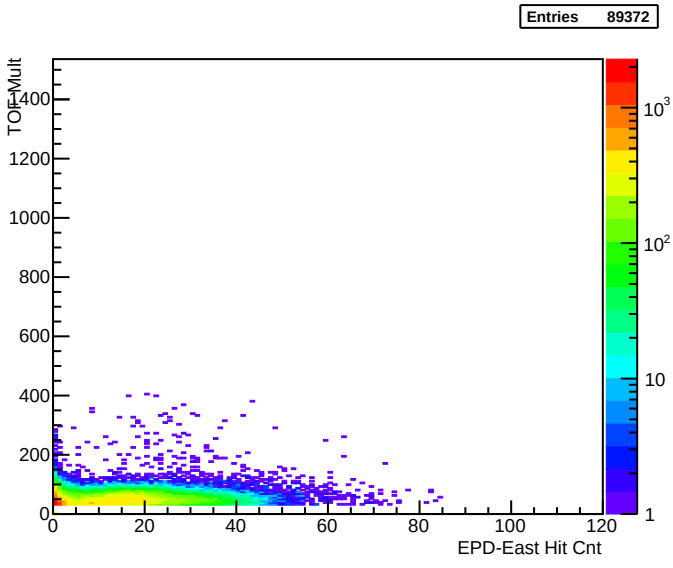

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

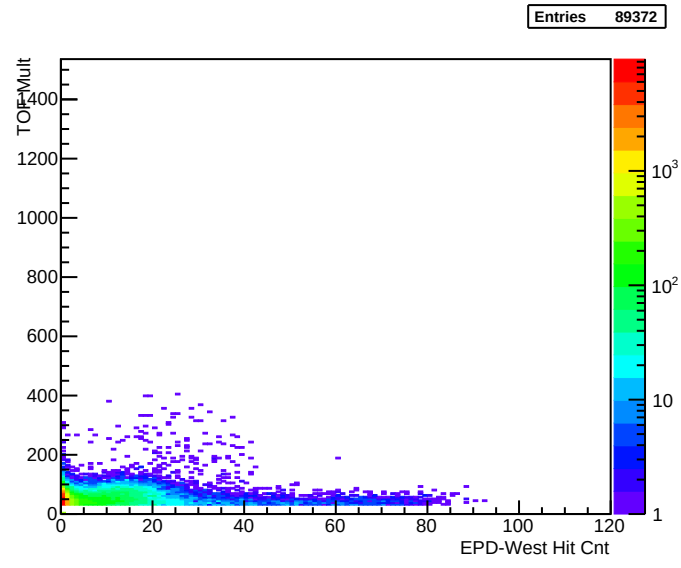

VT201 Input Ch4: VPD Adc Sum Th
Entries 178744
28041
6230
61331
83142
East
West

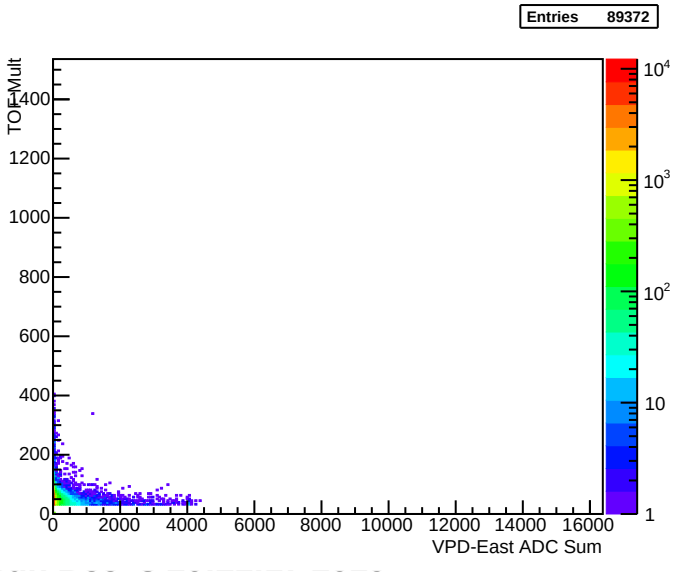

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

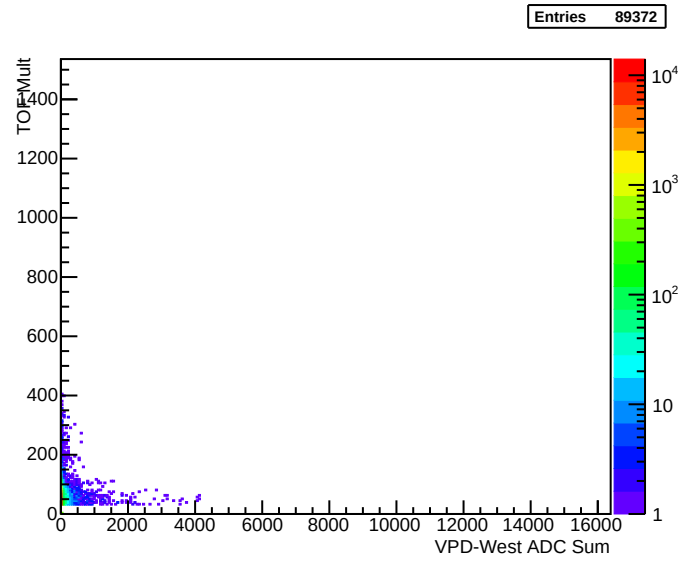

Entries 89372
TOF-Mult
BBC-S-East ADC Sum

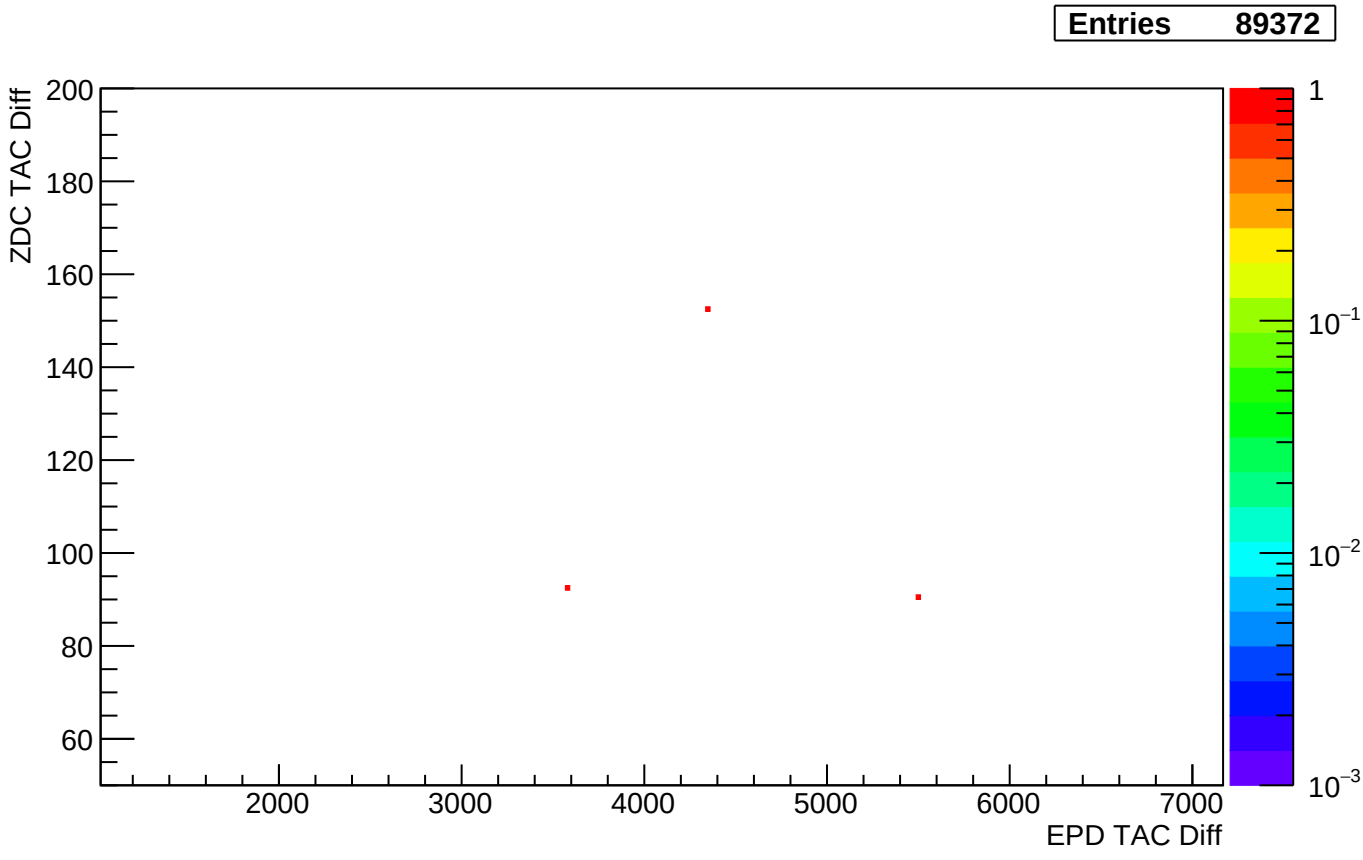

Entries 89372
TOF-Mult
BBC-S-West ADC Sum

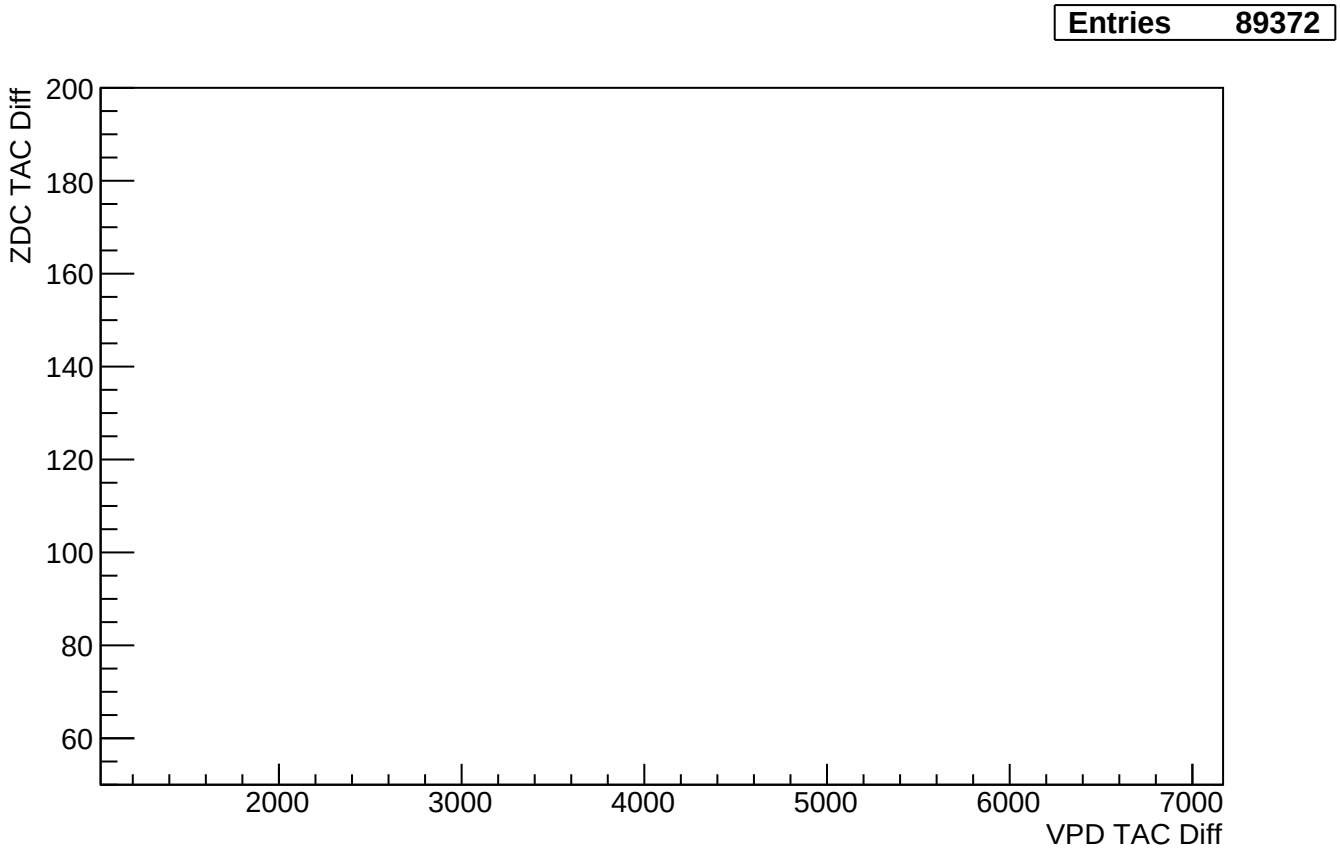

Entries 89372
TOF-Mult
EPD-East Hit Cnt

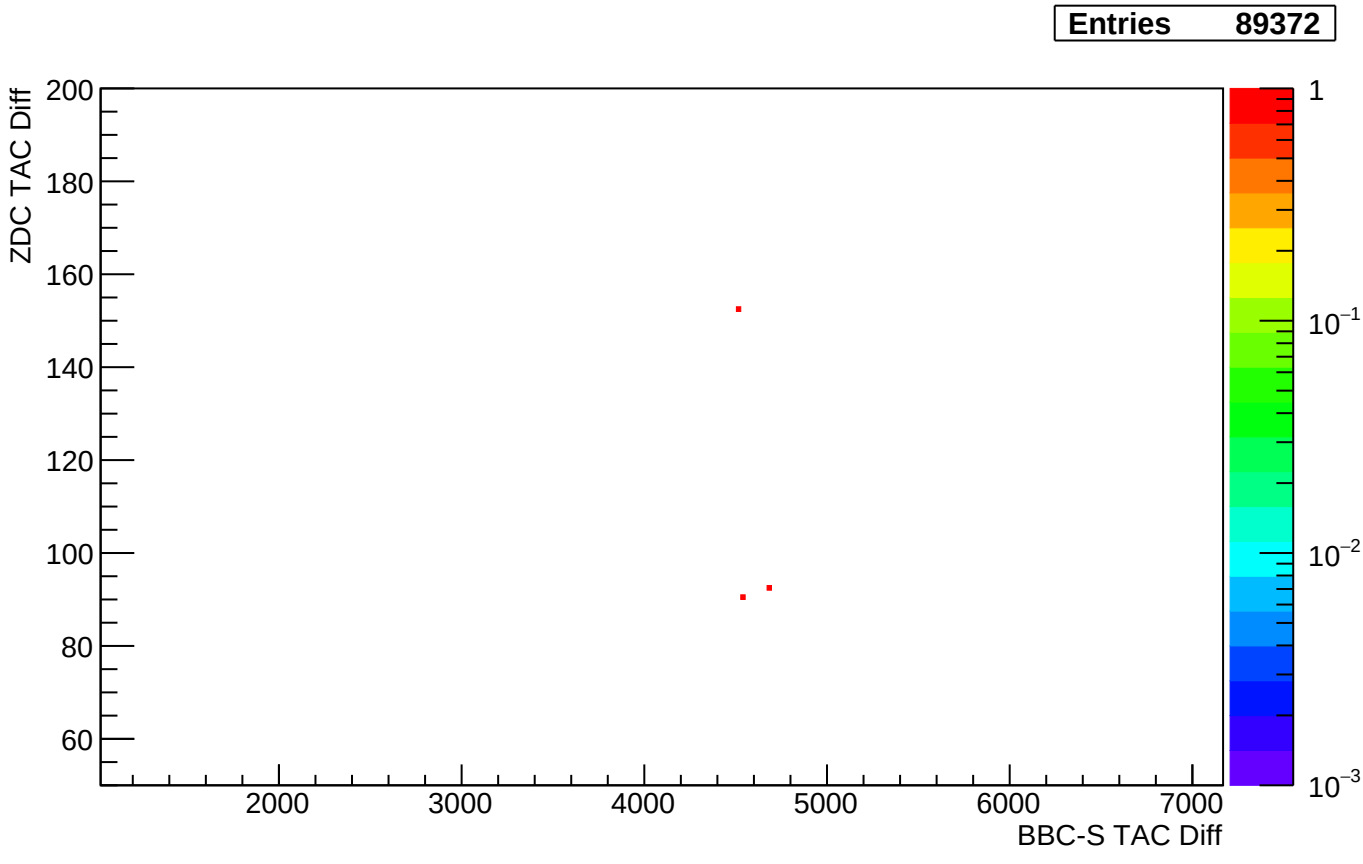

Entries 89372
TOF-Mult
EPD-West Hit Cnt

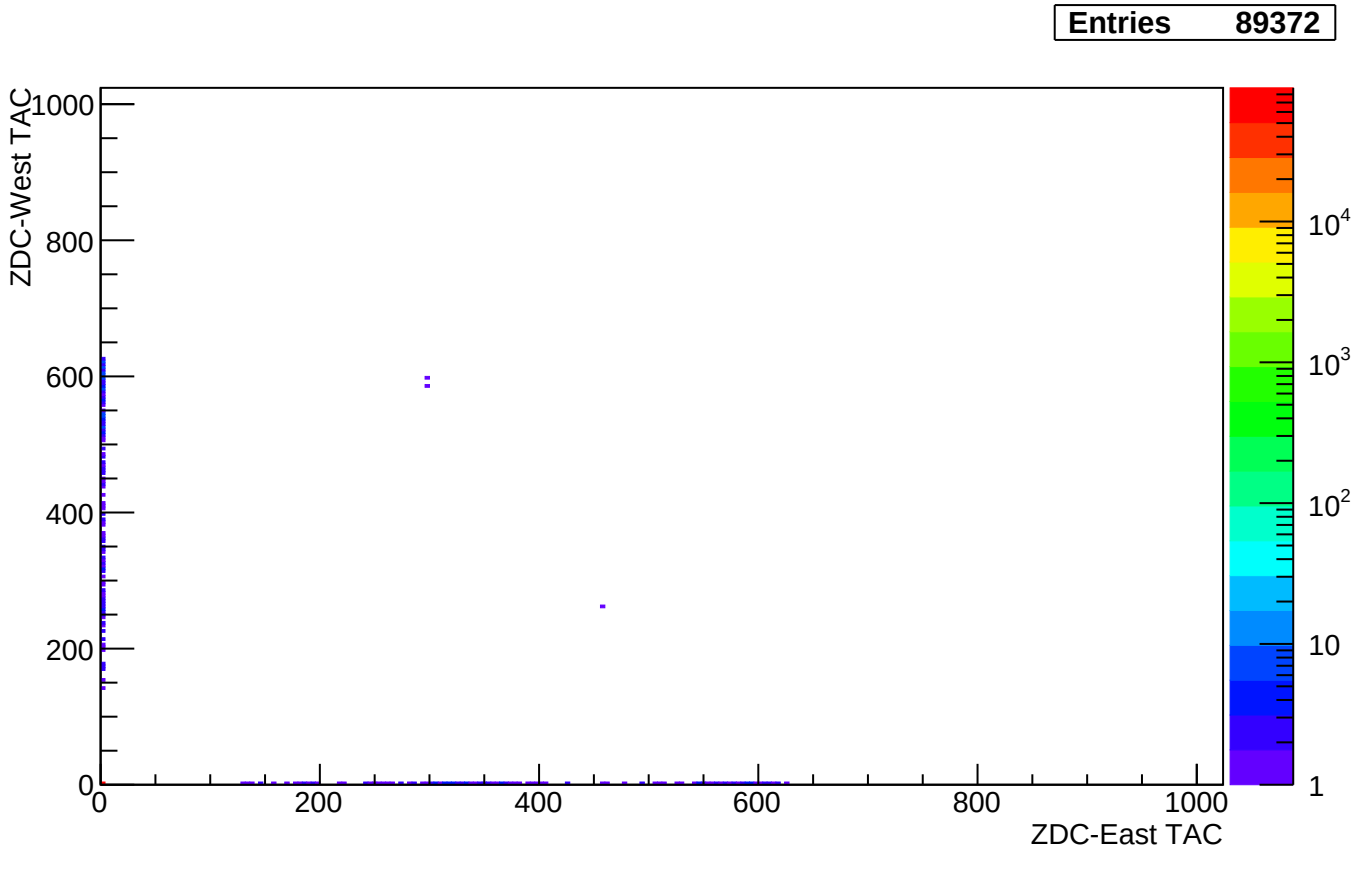

Entries 89372
TOF-Mult
VPD-East ADC Sum

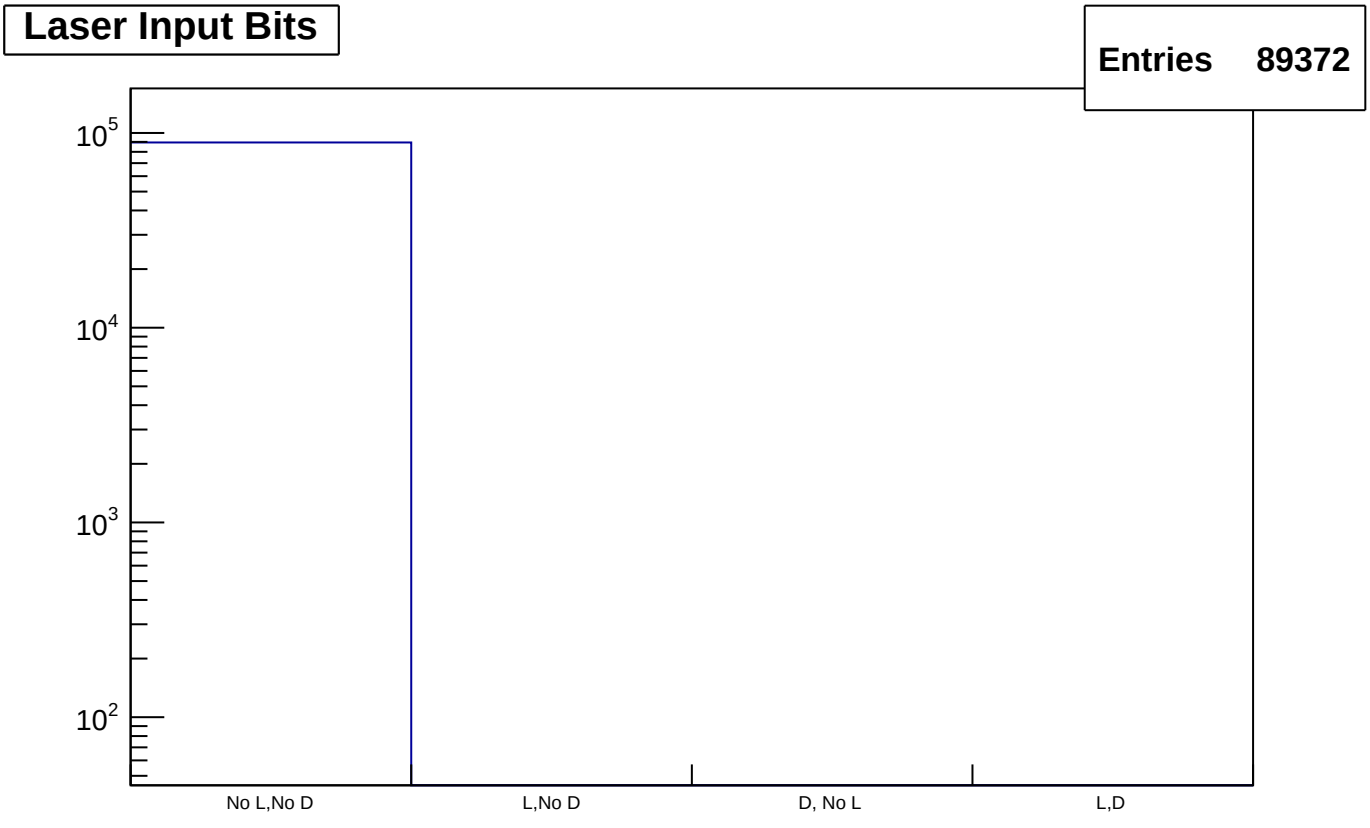

Entries 89372
TOF-Mult
VPD-West ADC Sum

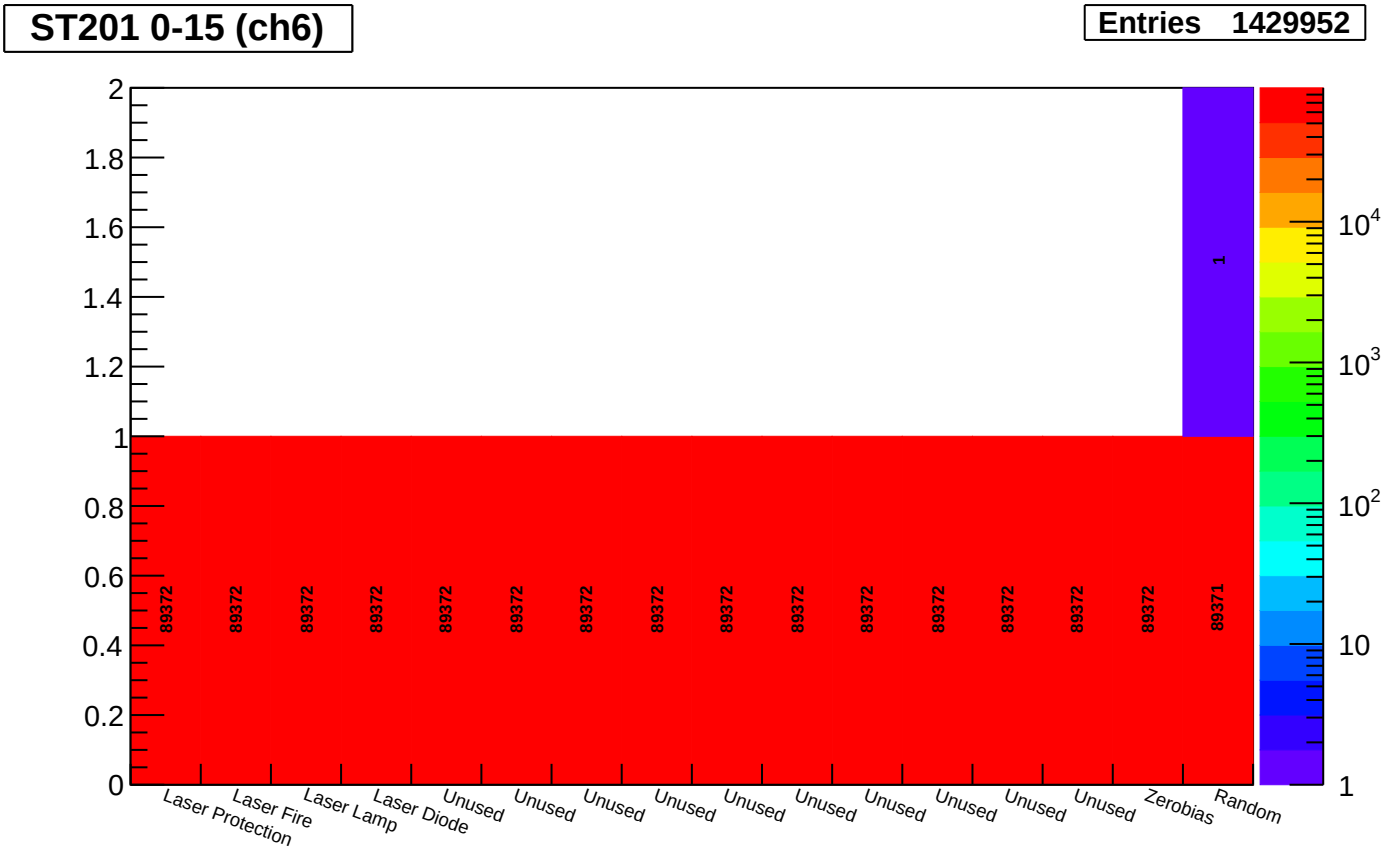

Entries 89372
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

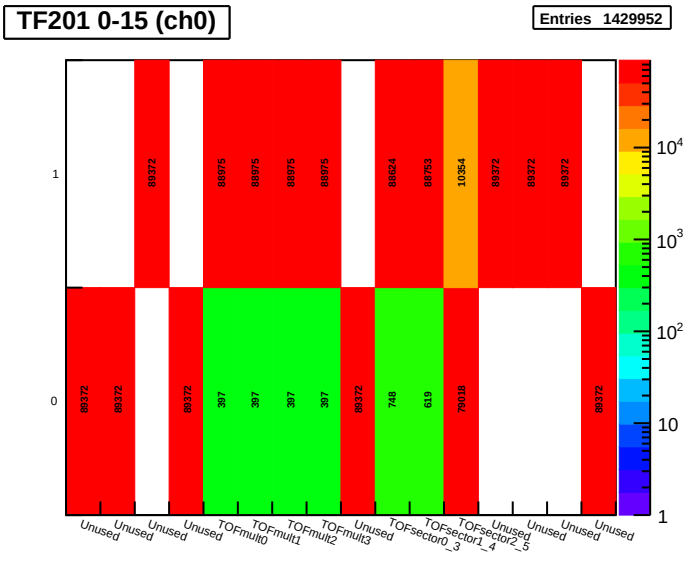

Entries 89372
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

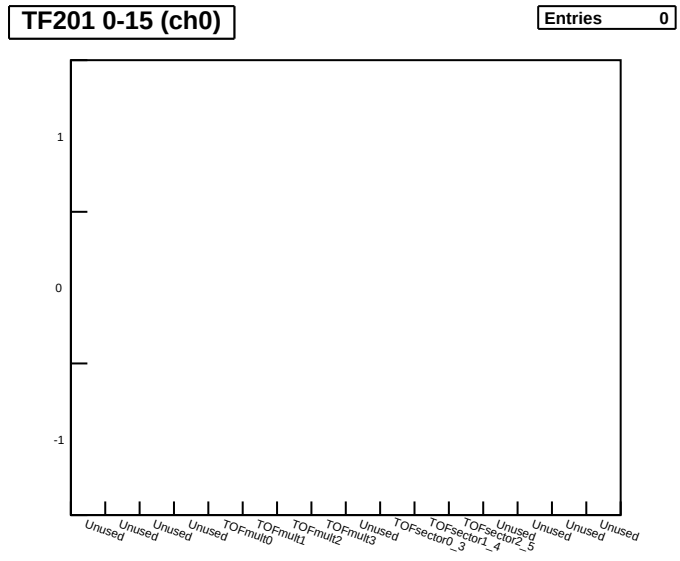

Entries 89372
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

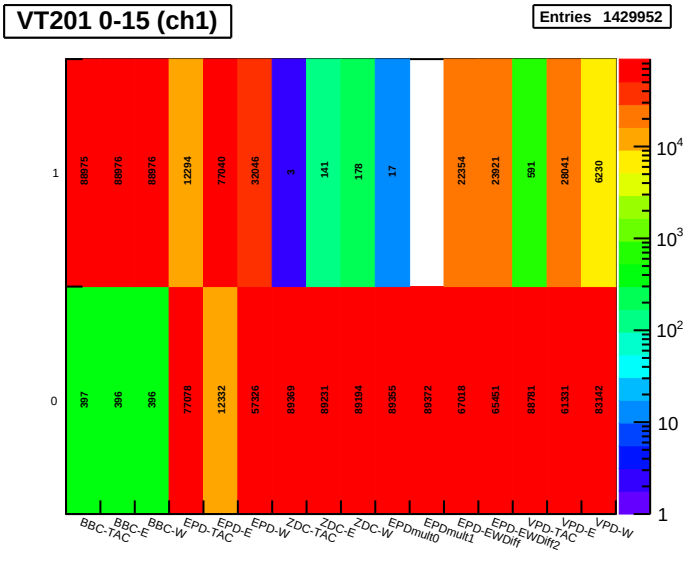

Entries 89372
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

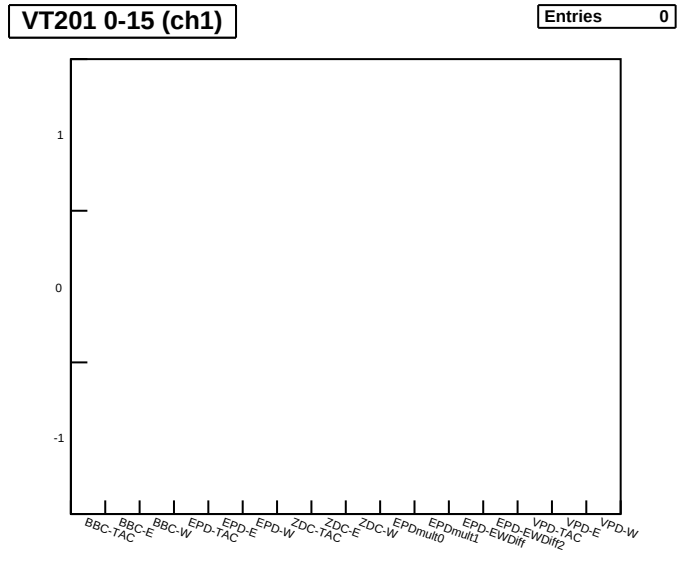

Laser Input Bits
Entries 89372
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

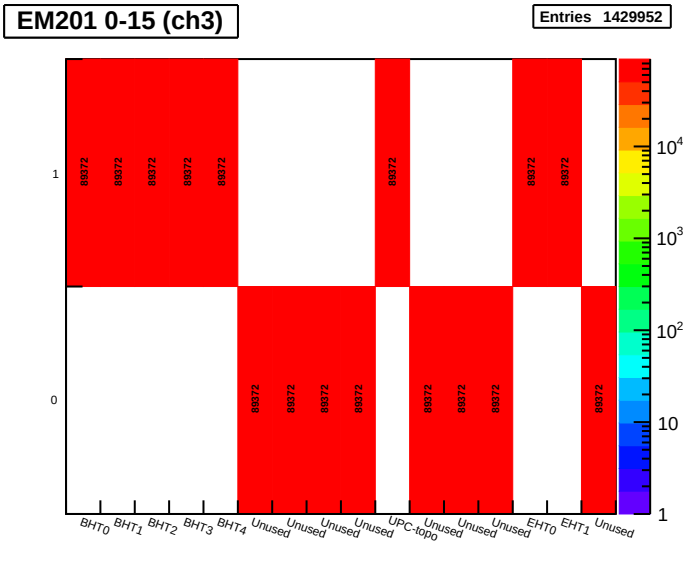

ST201 0-15 (ch6)
Entries 1429952
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10^4
10^3
10^2
10
1
1
89372
89371
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

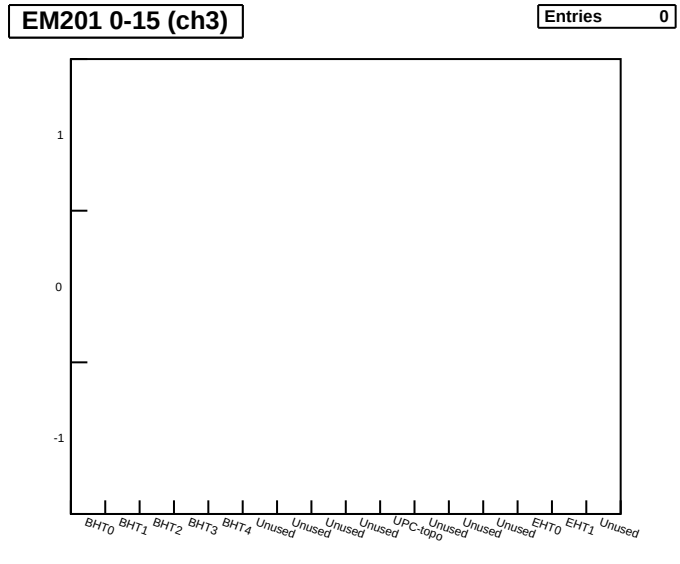

TF201 0-15 (ch0)
Entries 1429952
1
0
89372
89975
88624
88753
10354
748
619
79018
397
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^4
10^3
10^2
10
1


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 1429952
1
0
88975
88976
12294
77040
32046
3
141
176
17
22354
23821
591
28041
6230
397
396
77078
12332
57326
89369
89231
89194
89355
89372
67018
65451
88761
61331
83142
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
10^4
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 1429952
1
0
89372
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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