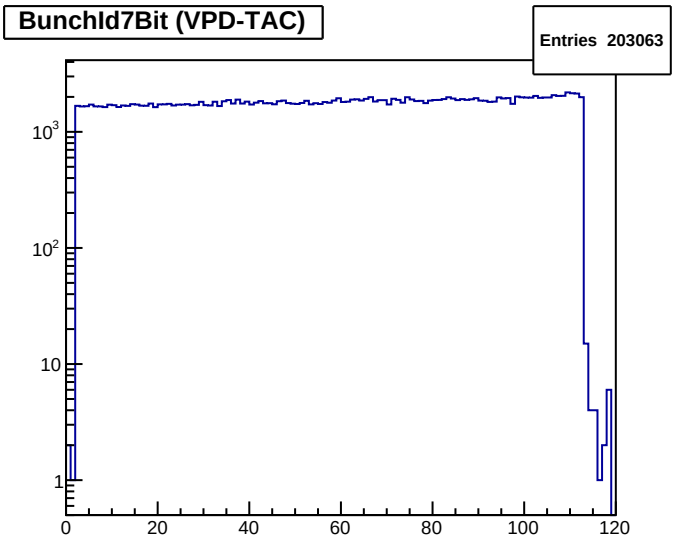
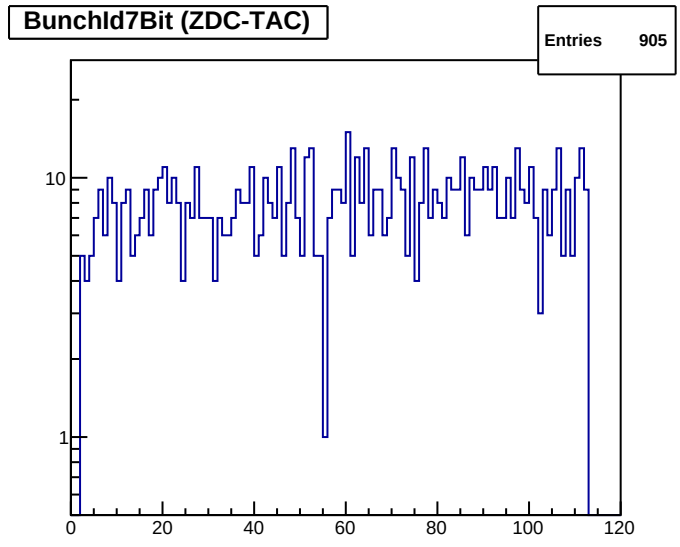
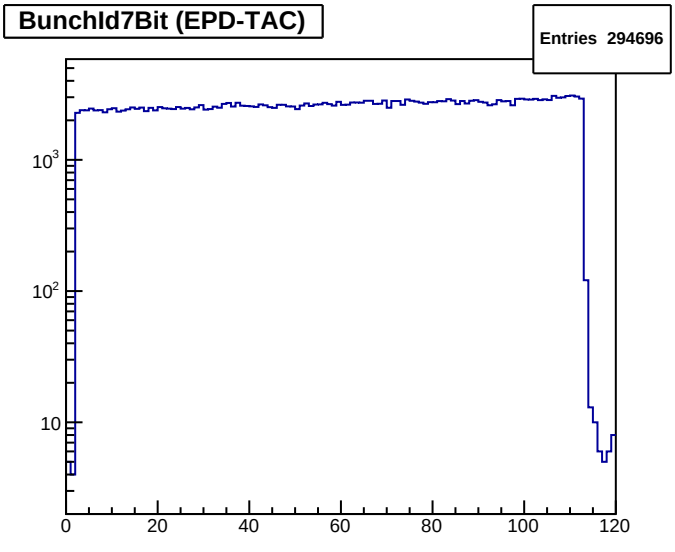
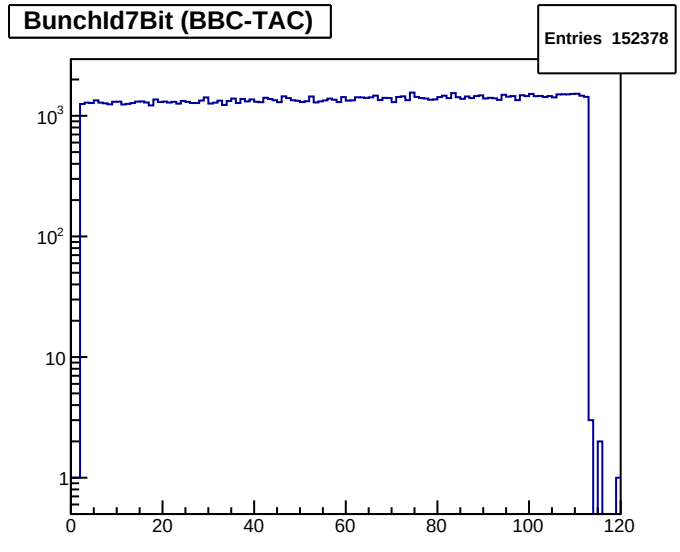
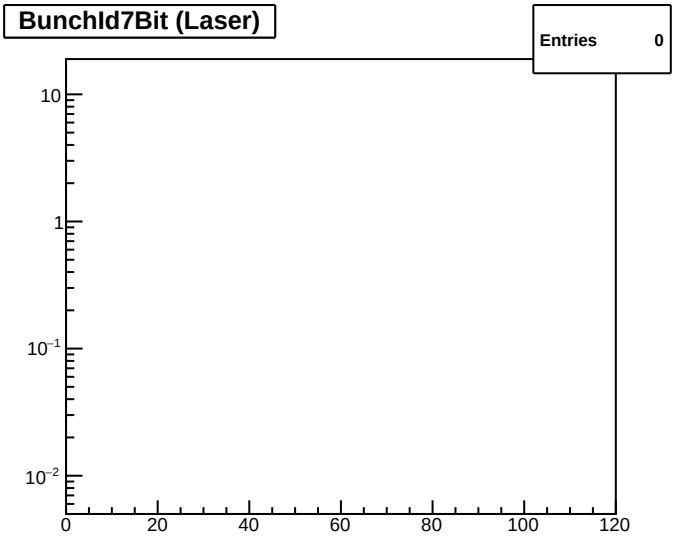
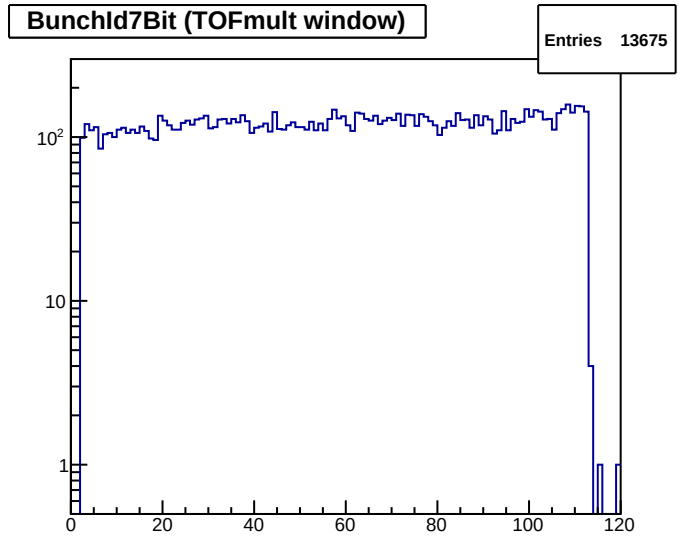

BunchId7Bit (VPD-TAC)
Entries 203063

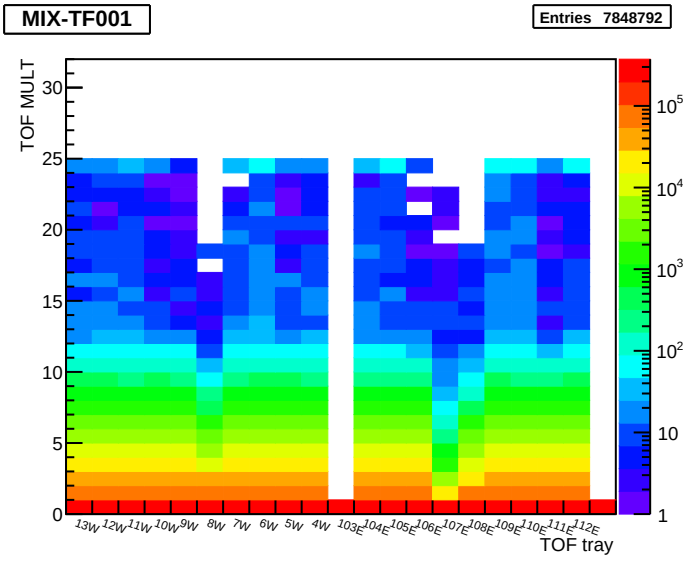

BunchId7Bit (ZDC-TAC)
Entries 905

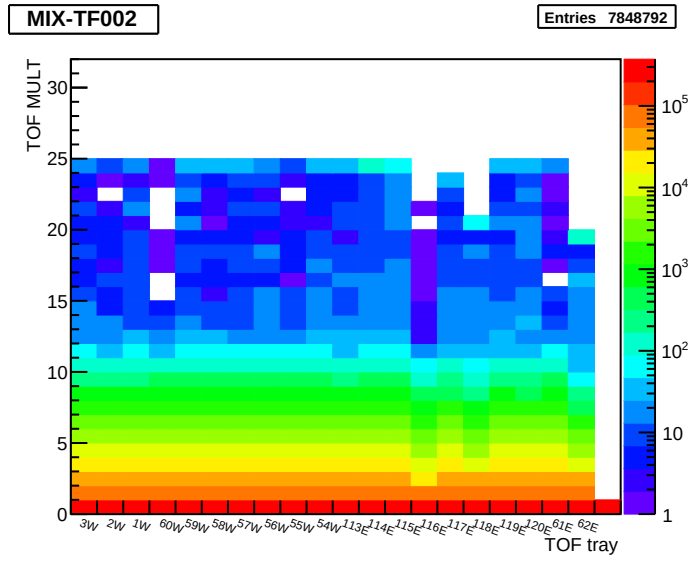

BunchId7Bit (EPD-TAC)
Entries 294696

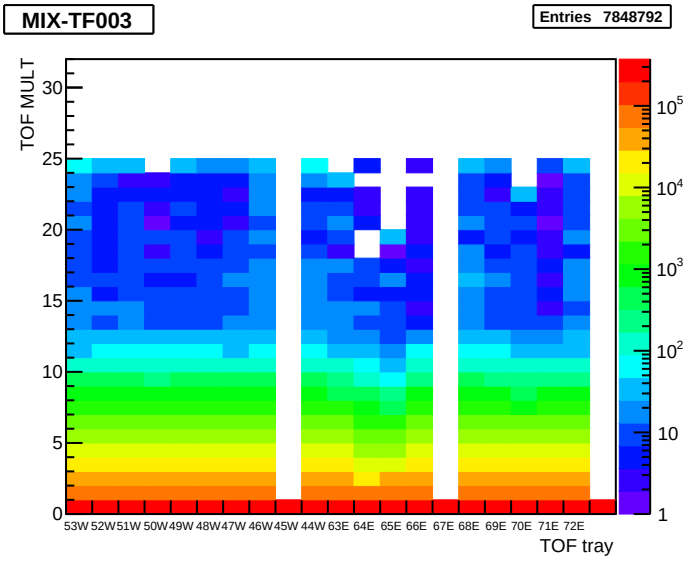

BunchId7Bit (BBC-TAC)
Entries 152378

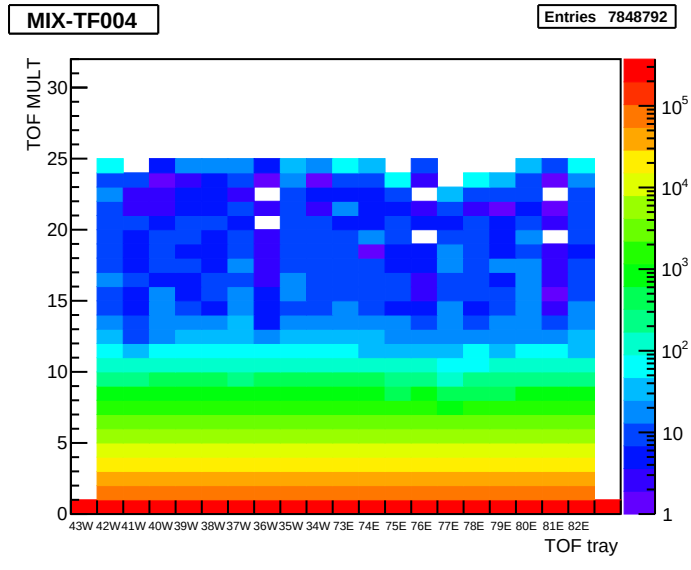

BunchId7Bit (Laser)
Entries 0

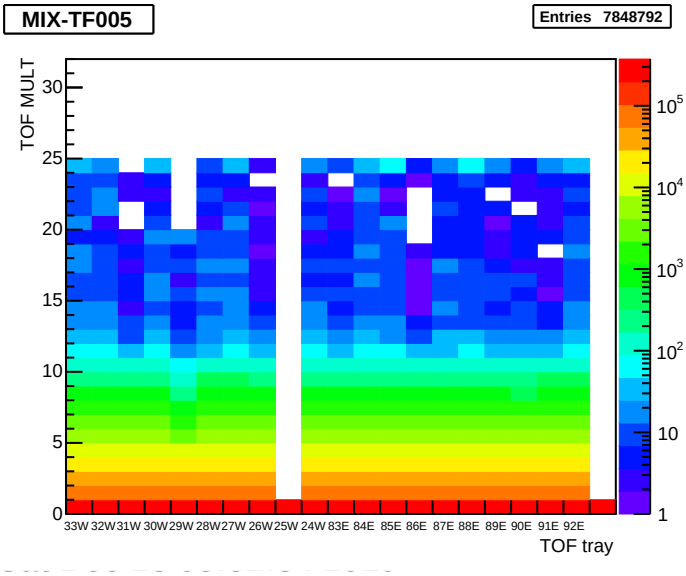

BunchId7Bit (TOFmult window)
Entries 13675

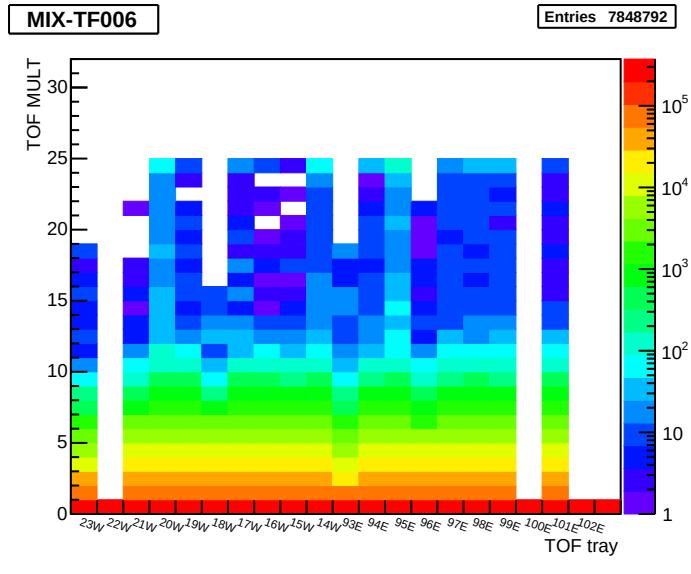

MIX-TF001
Entries 7848792
TOF MULT
TOF tray

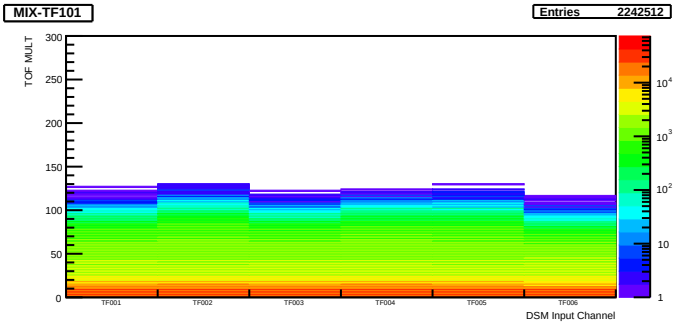

MIX-TF002
Entries 7848792
TOF MULT
TOF tray

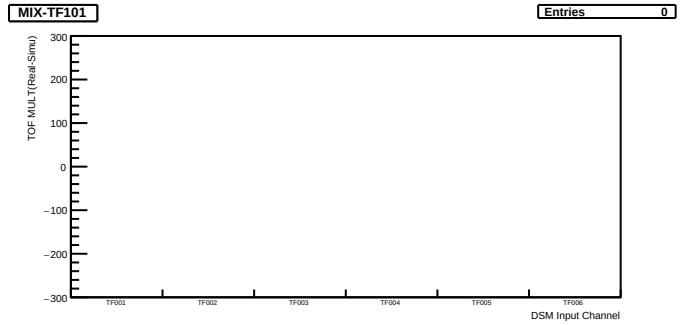

MIX-TF003
Entries 7848792
TOF MULT
TOF tray

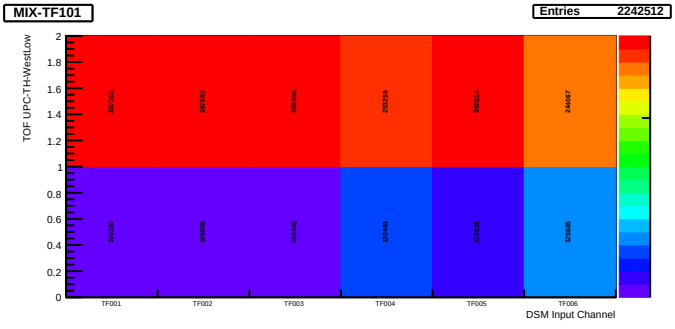

MIX-TF004
Entries 7848792
TOF MULT
TOF tray

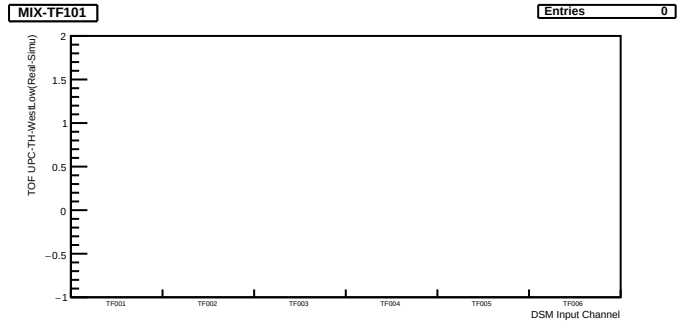

MIX-TF005
Entries 7848792
TOF MULT
TOF tray

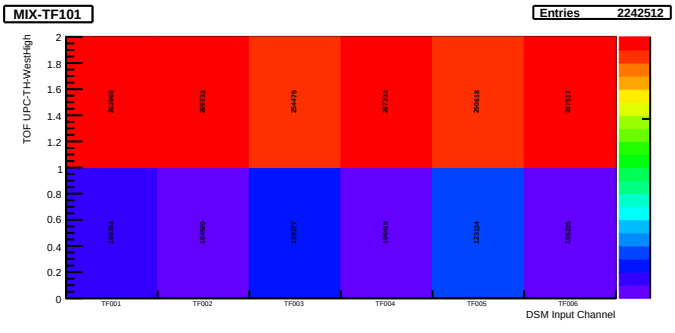

MIX-TF006
Entries 7848792
TOF MULT
TOF tray

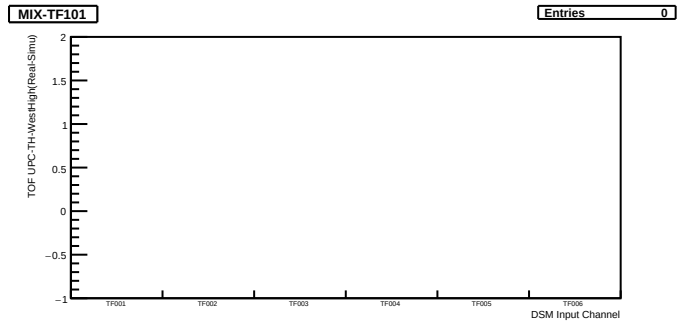

MIX-TF101
Entries 2242512
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

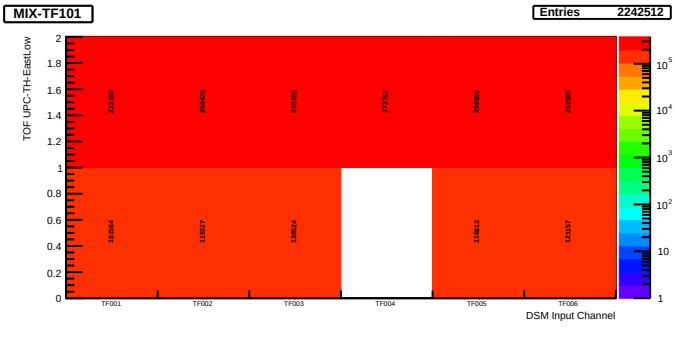

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

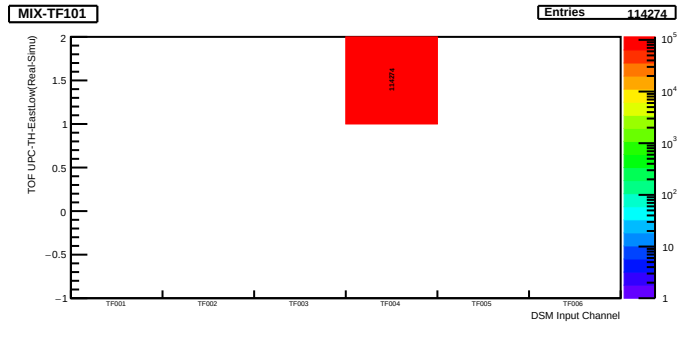

MIX-TF101
Entries 2242512
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

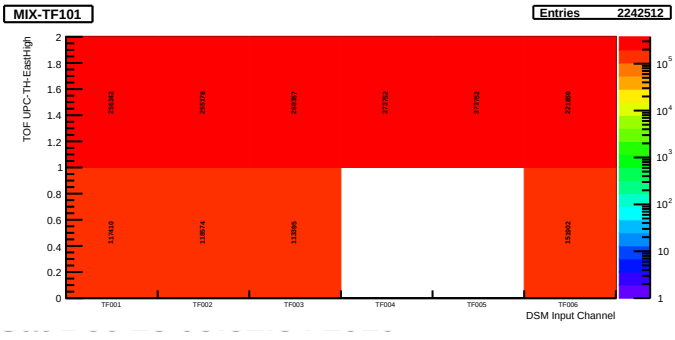

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

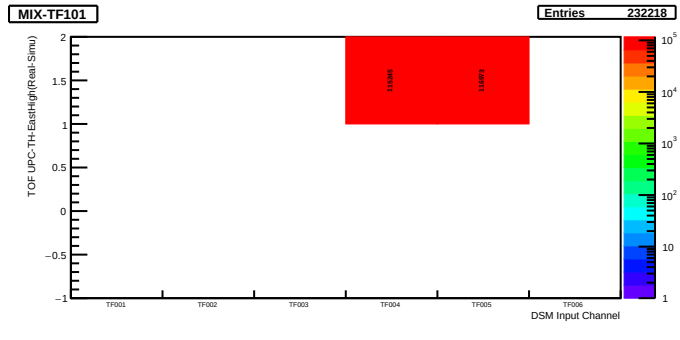

MIX-TF101
Entries 2242512
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

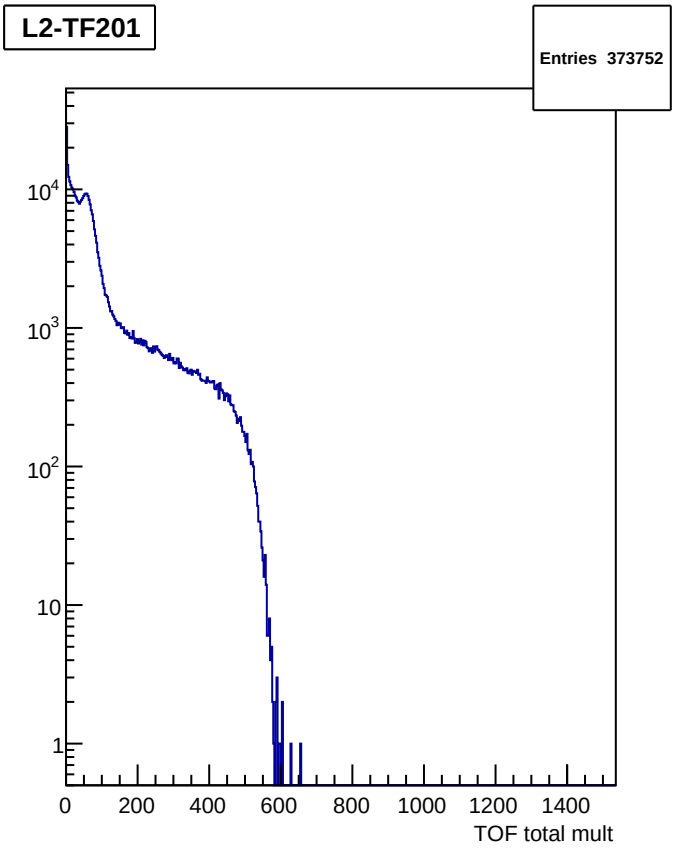

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

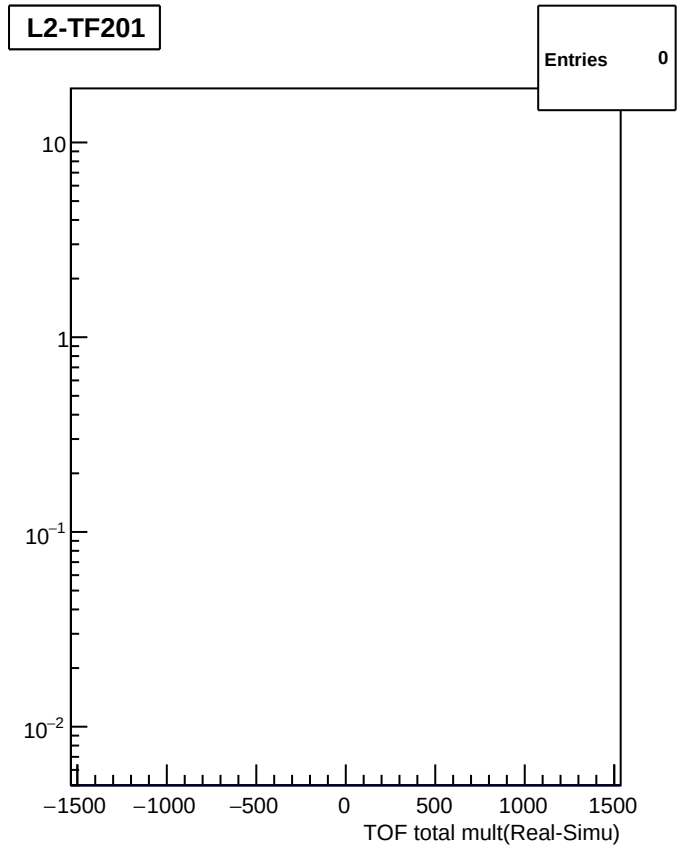

MIX-TF101
Entries 2242512
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

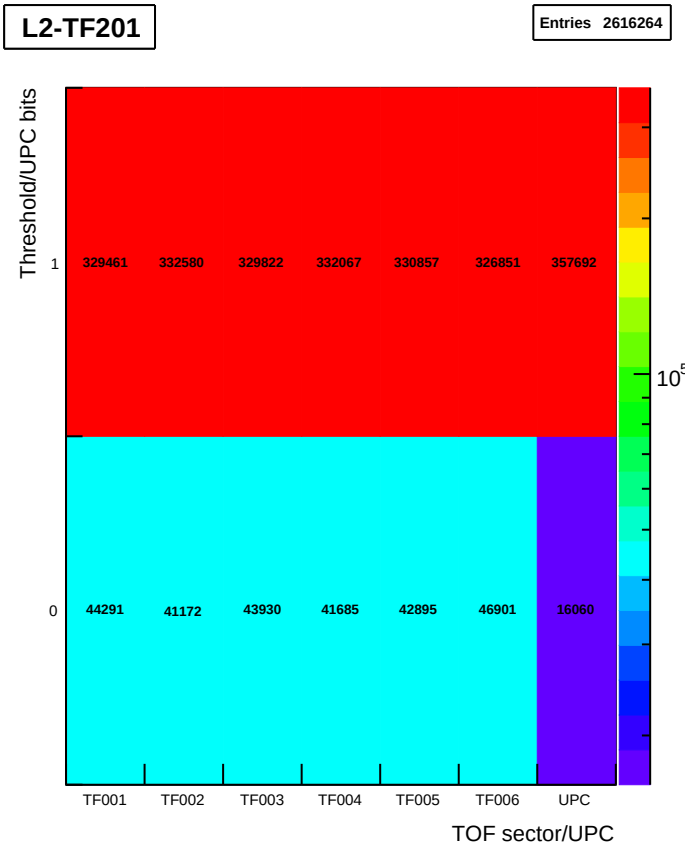

MIX-TF101
Entries 114274
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

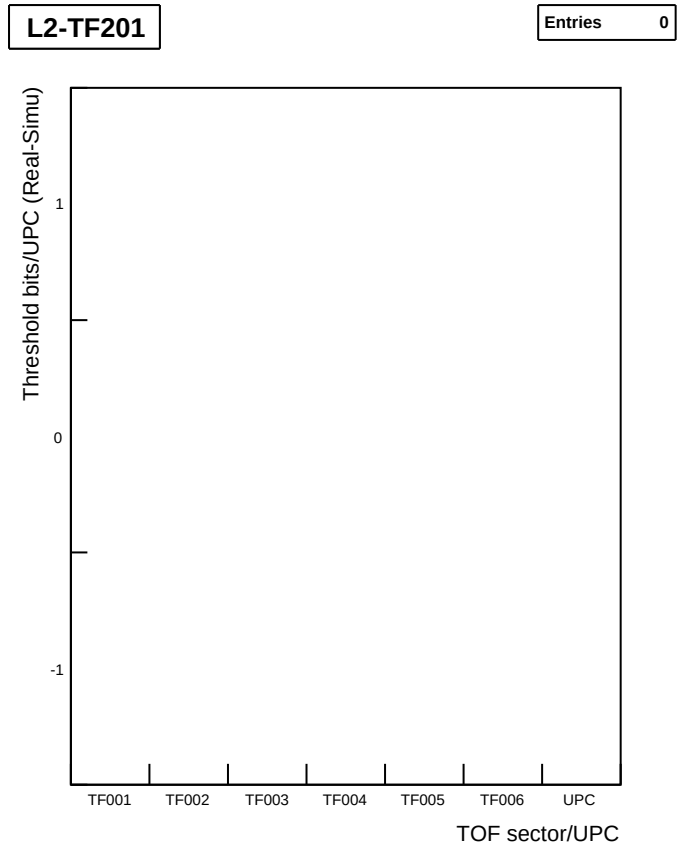

MIX-TF101
Entries 2242512
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

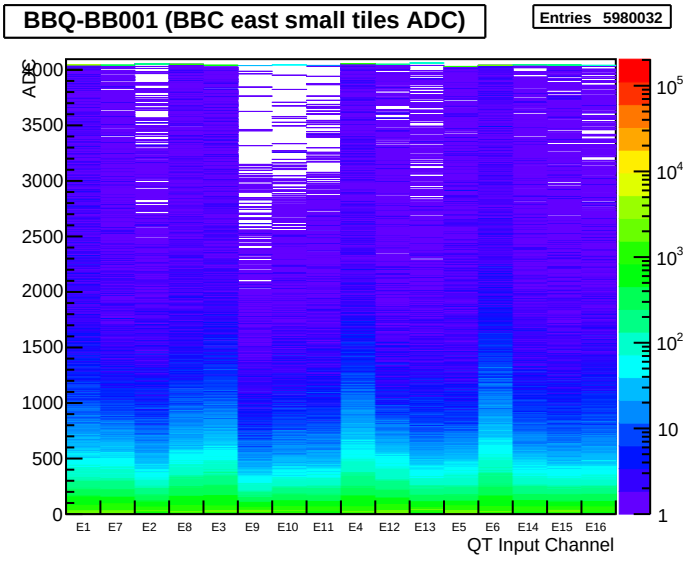

MIX-TF101
Entries 232218
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

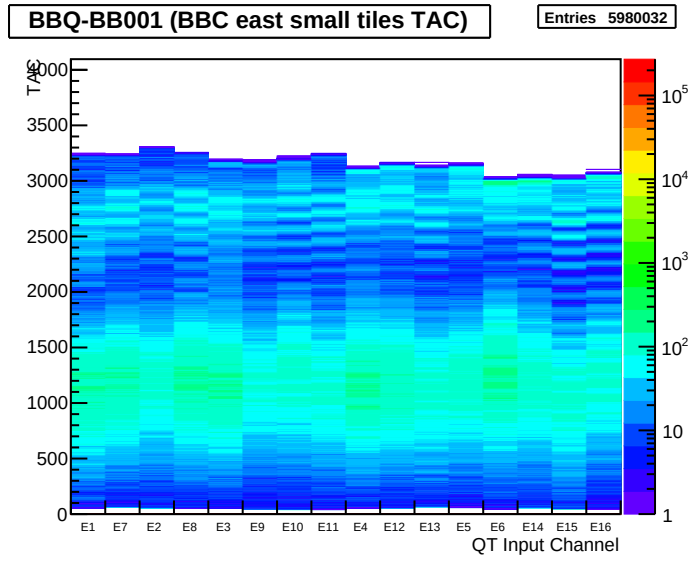

L2-TF201
Entries 373752
TOF total mult

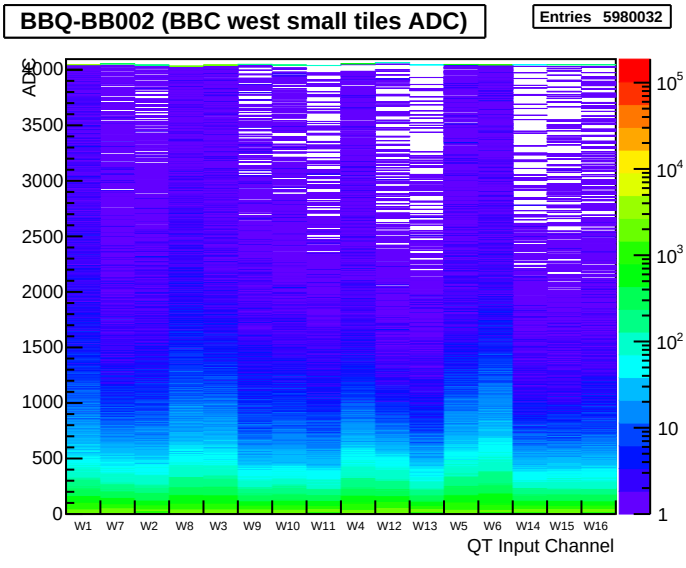

L2-TF201
Entries 0
TOF total mult(Real-Simu)

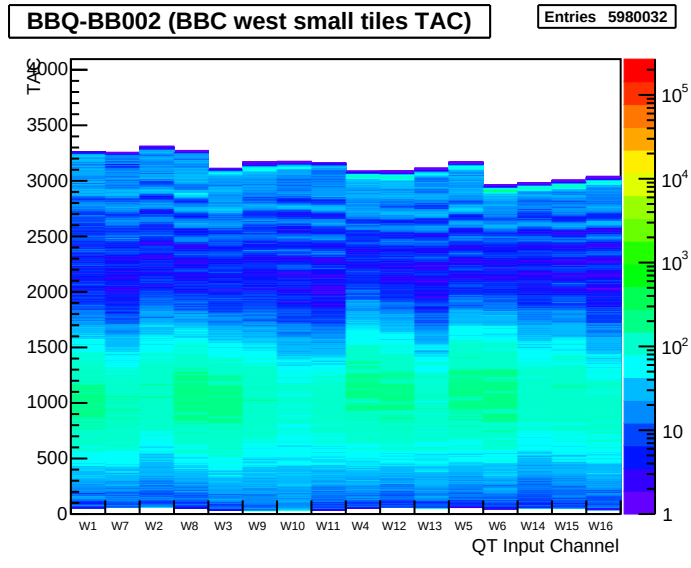

L2-TF201
Entries 2616264
Threshold/UPC bits
329461
332580
329822
332067
330857
326851
357692
44291
41172
43930
41685
42895
46901
16060
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

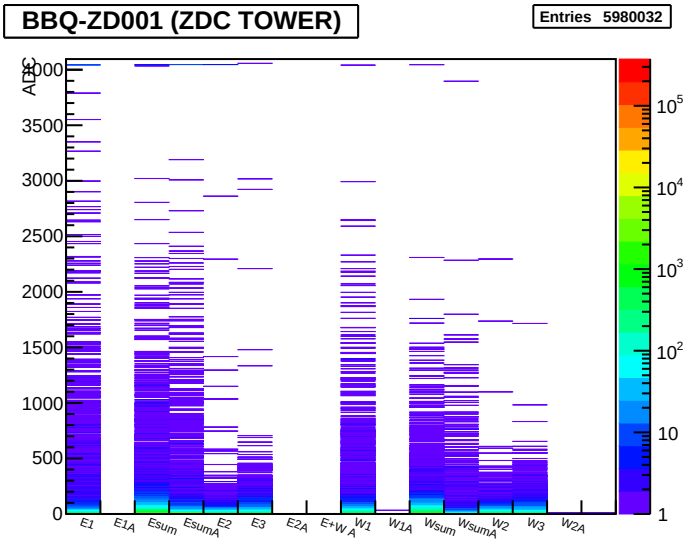

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

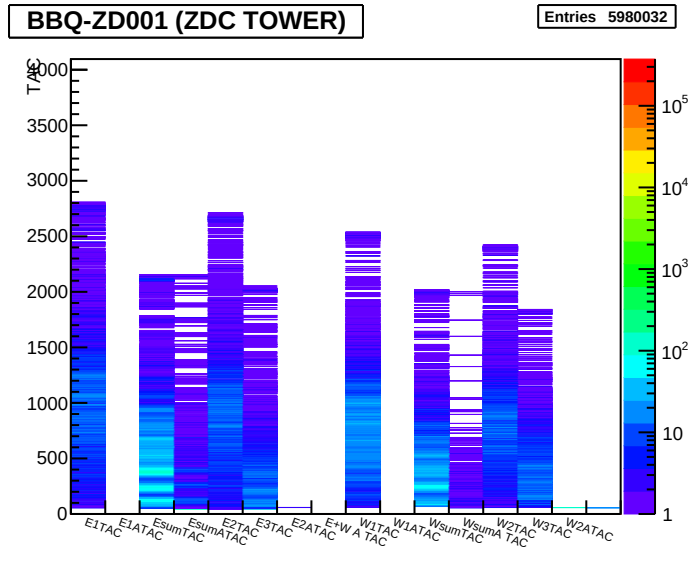

BBQ-BB001 (BBC east small tiles ADC)
Entries 5980032
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

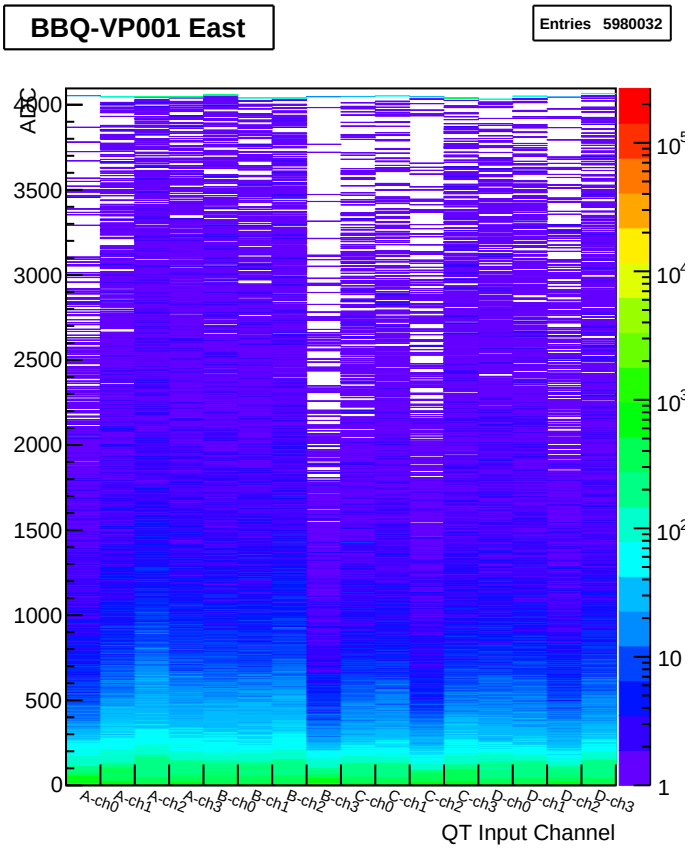

BBQ-BB001 (BBC east small tiles TAC)
Entries 5980032
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

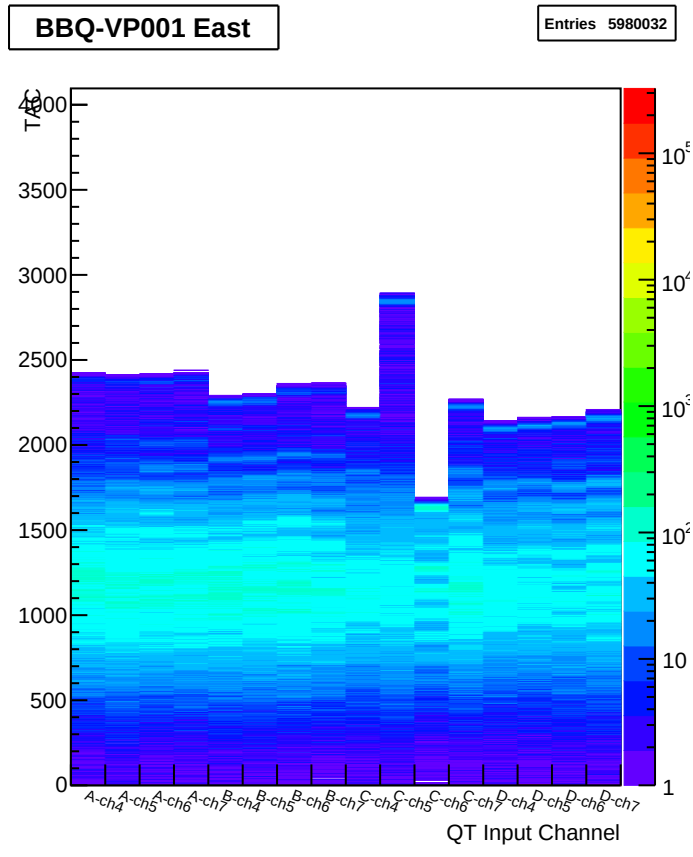

BBQ-BB002 (BBC west small tiles ADC)
Entries 5980032
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

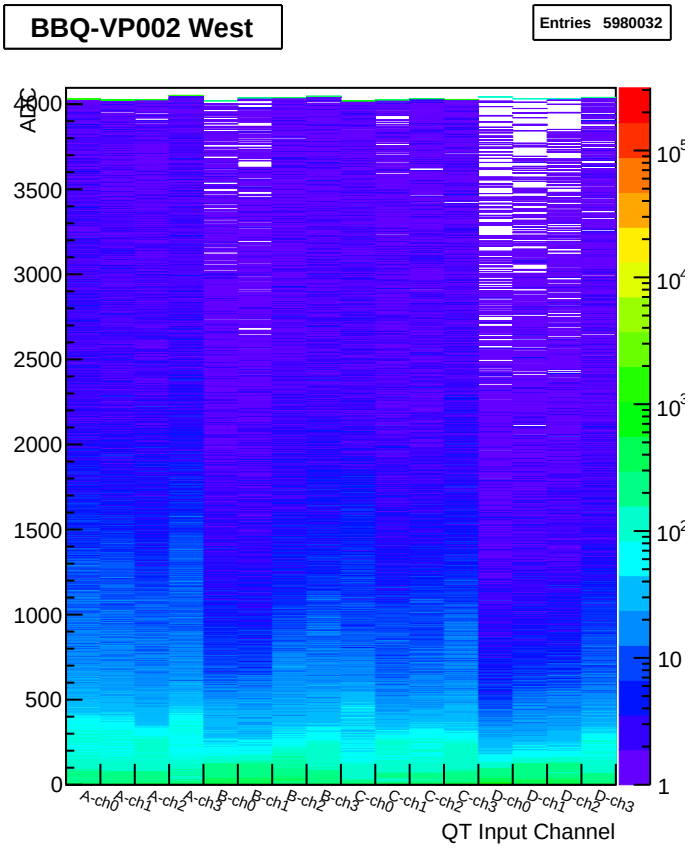

BBQ-BB002 (BBC west small tiles TAC)
Entries 5980032
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

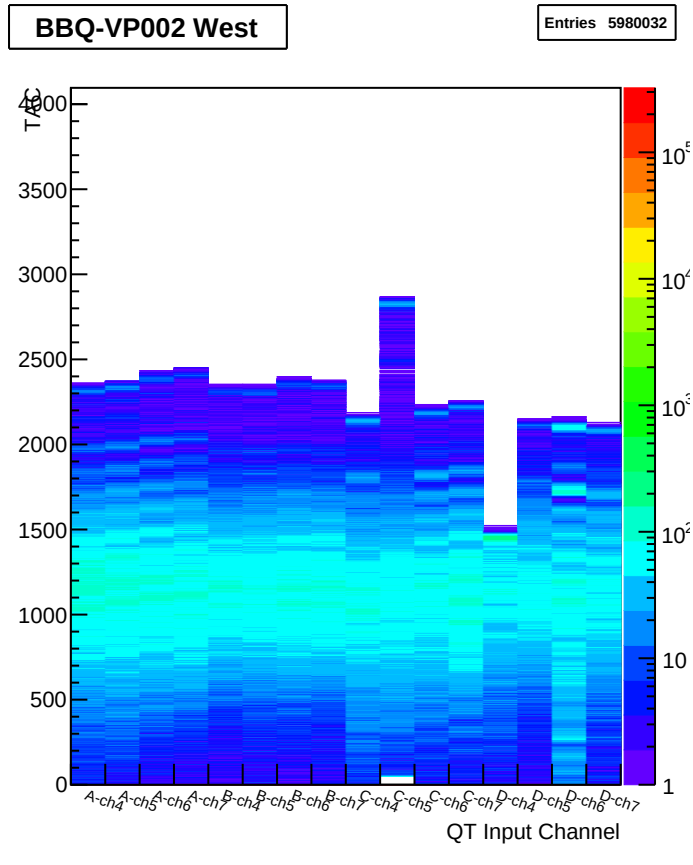

BBQ-ZD001 (ZDC TOWER)
Entries 5980032
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

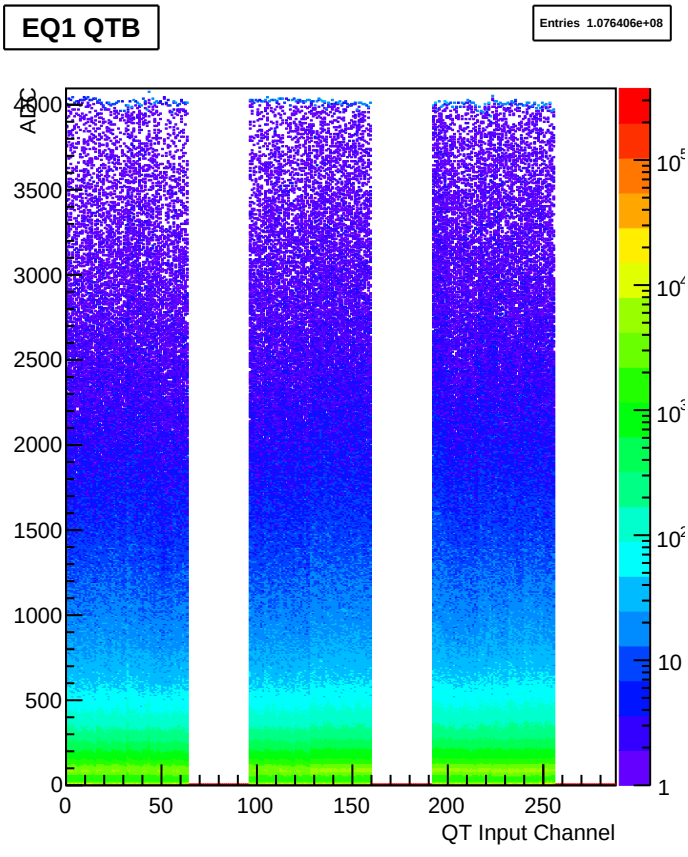

BBQ-ZD001 (ZDC TOWER)
Entries 5980032
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

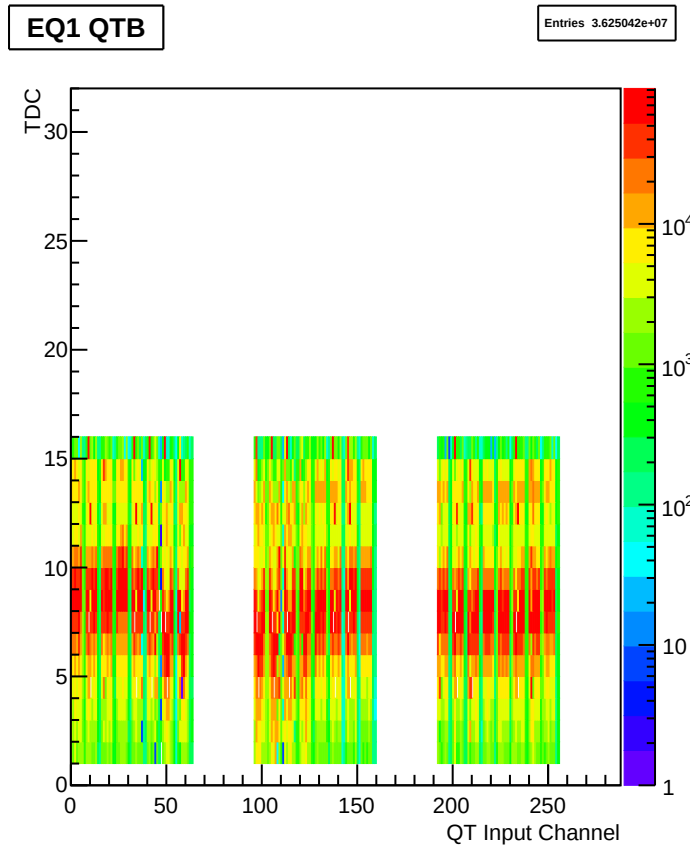

BBQ-VP001 East
Entries 5980032
ADC
QT Input Channel

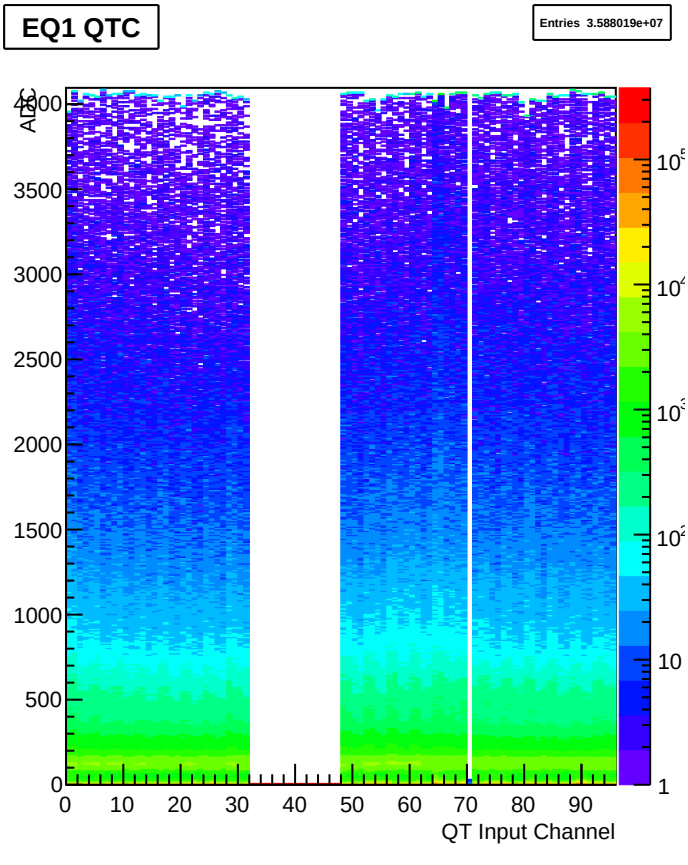

BBQ-VP001 East
Entries 5980032
TADC
QT Input Channel

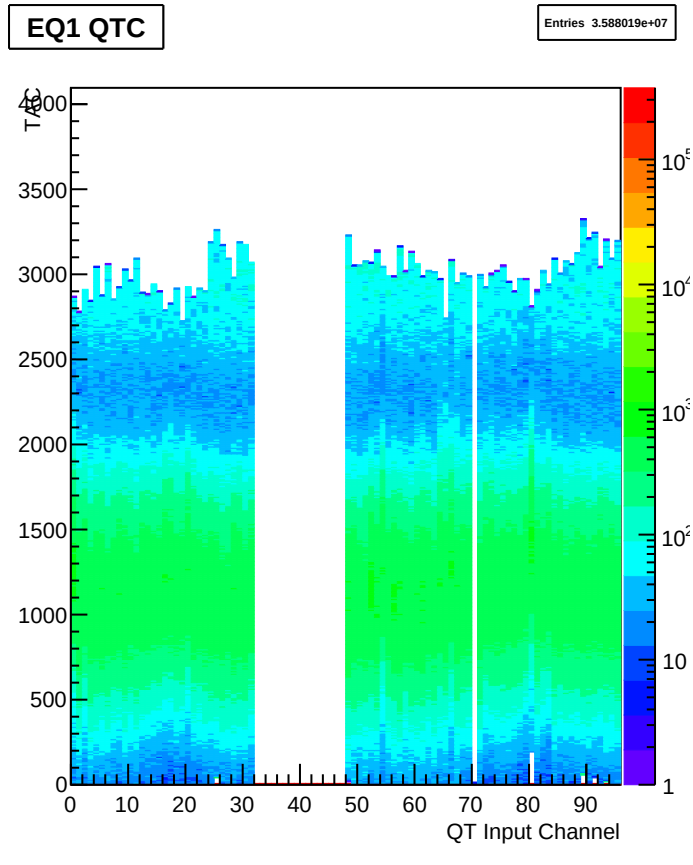

BBQ-VP002 West
Entries 5980032
ADC
QT Input Channel

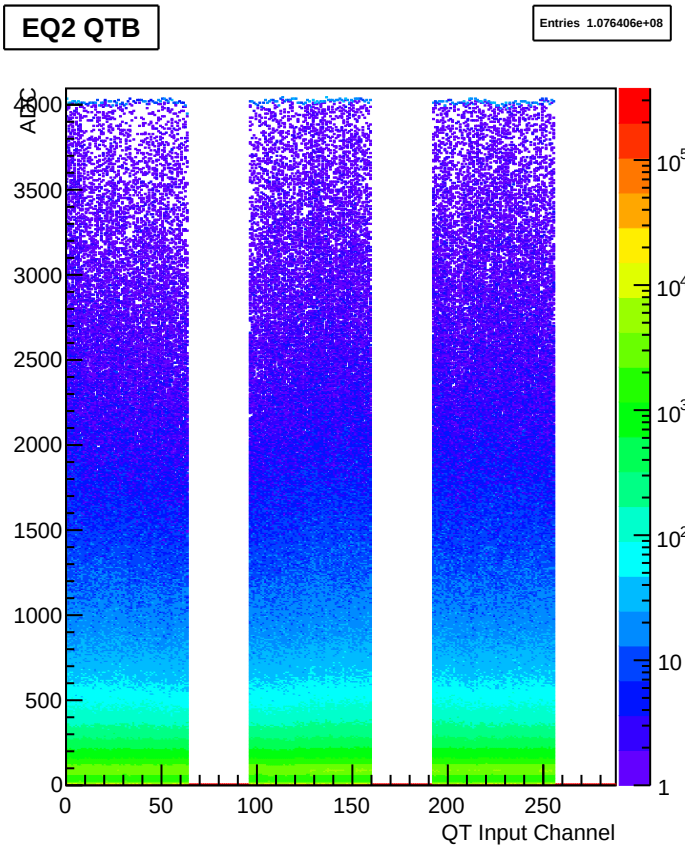

BBQ-VP002 West
Entries 5980032
TADC
QT Input Channel

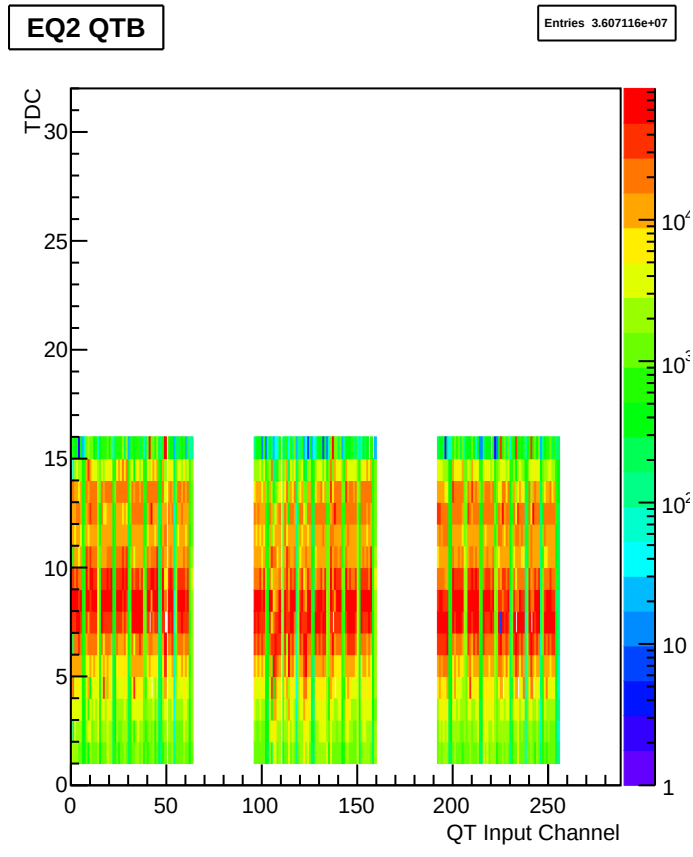

EQ1 QTB
Entries 1.076406e+08
ADC
QT Input Channel

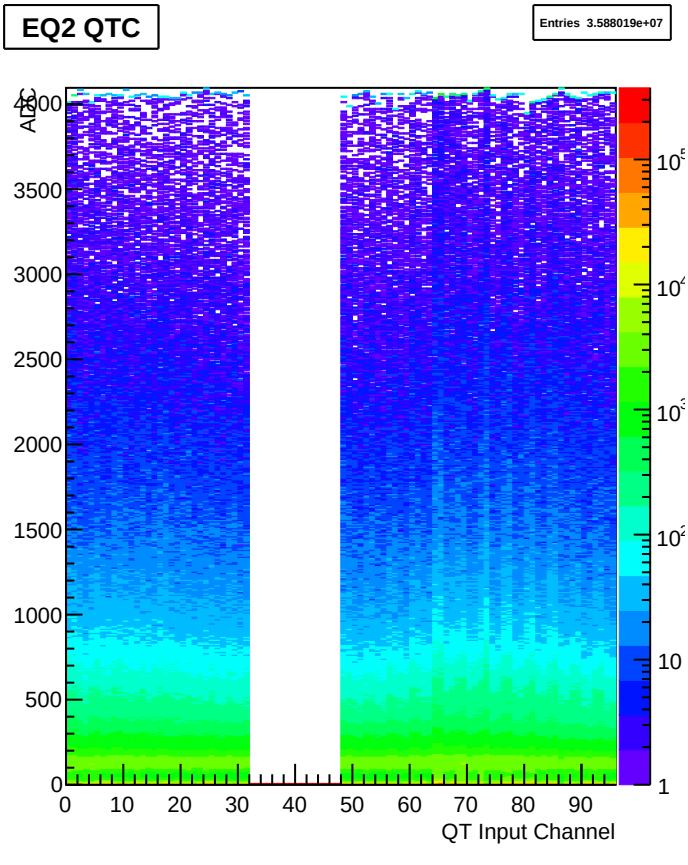

EQ1 QTB
Entries 3.625042e+07
TDC
QT Input Channel

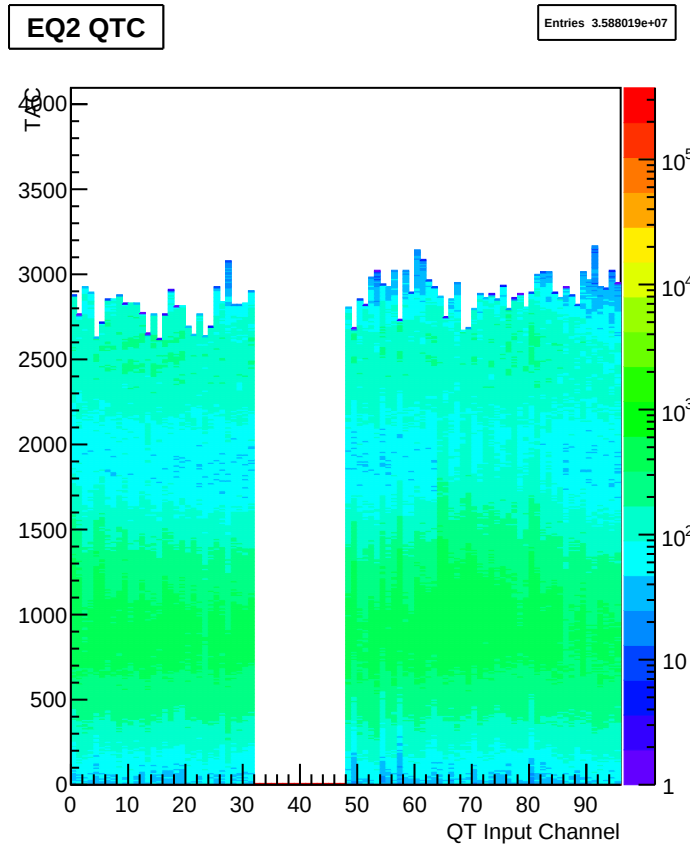

EQ1 QTC
Entries 3.588019e+07
ADC
QT Input Channel

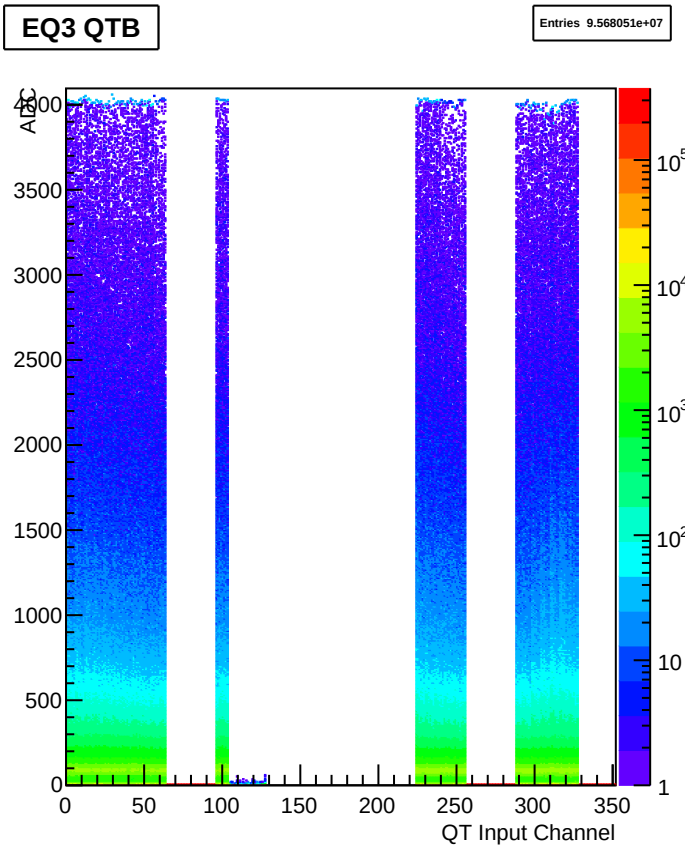

EQ1 QTC
Entries 3.588019e+07
TADC
QT Input Channel

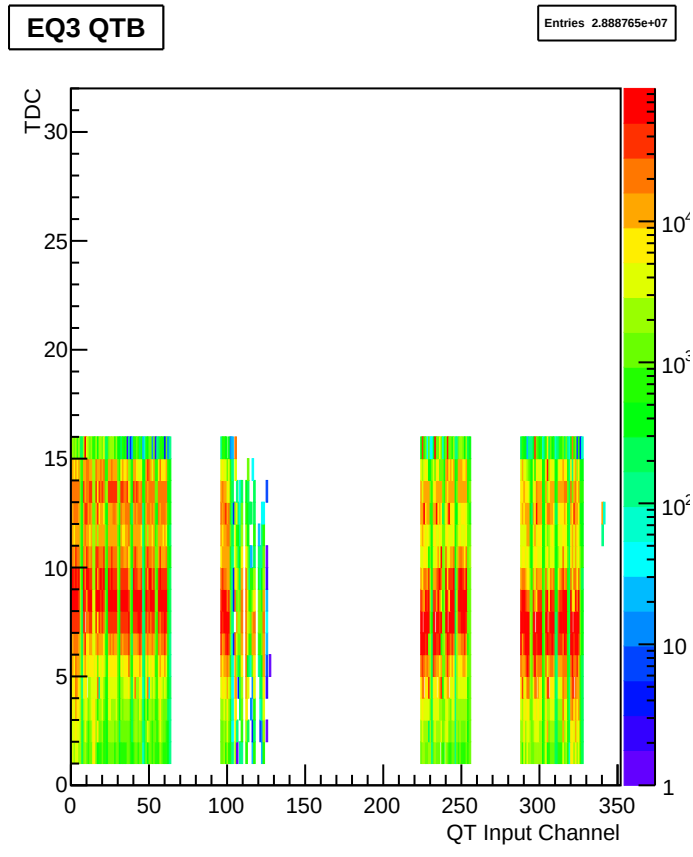

EQ2 QTB
Entries 1.076406e+08
ADC
QT Input Channel

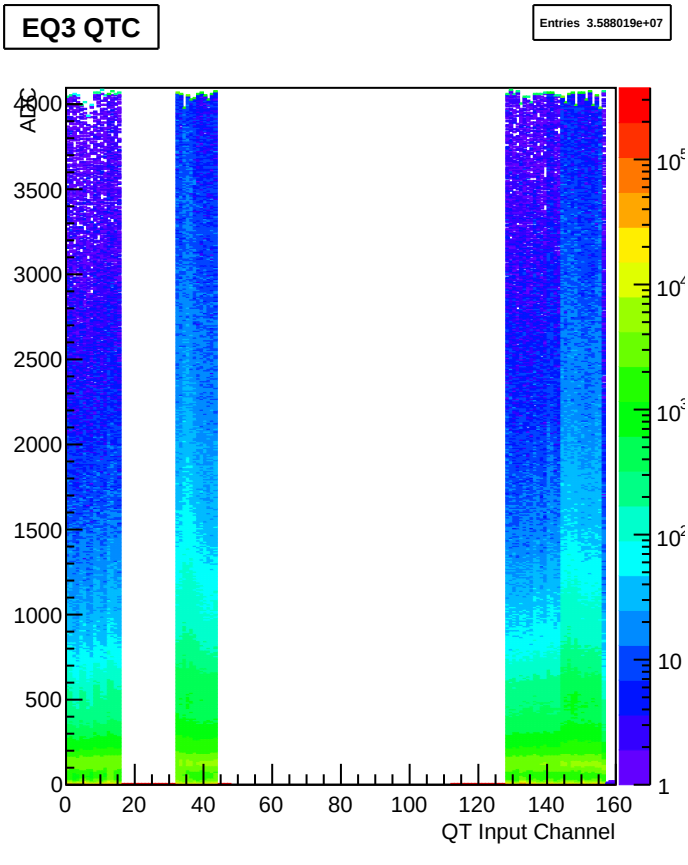

EQ2 QTB
Entries 3.607116e+07
TDC
QT Input Channel

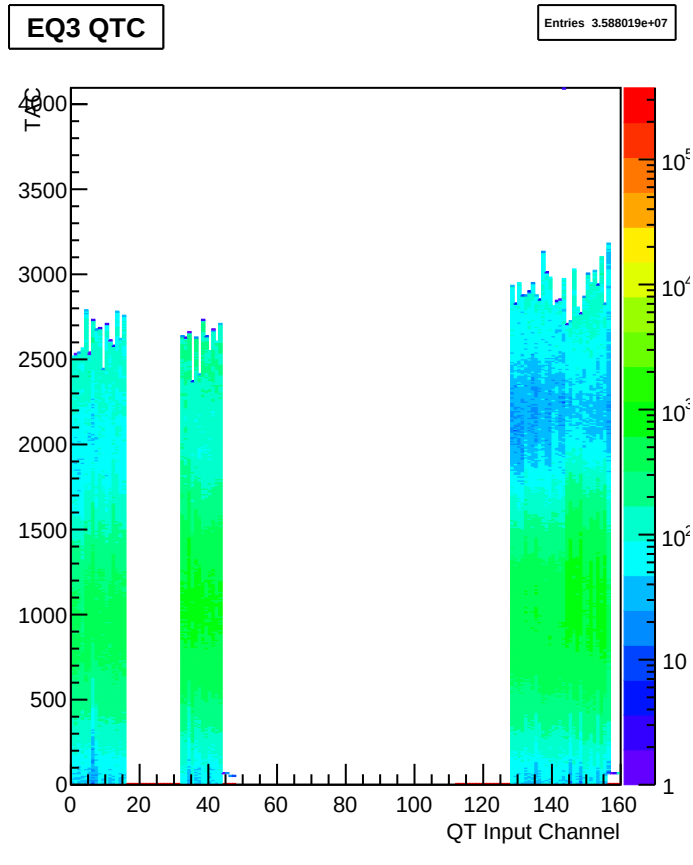

EQ2 QTC
Entries 3.588019e+07
ADC
QT Input Channel

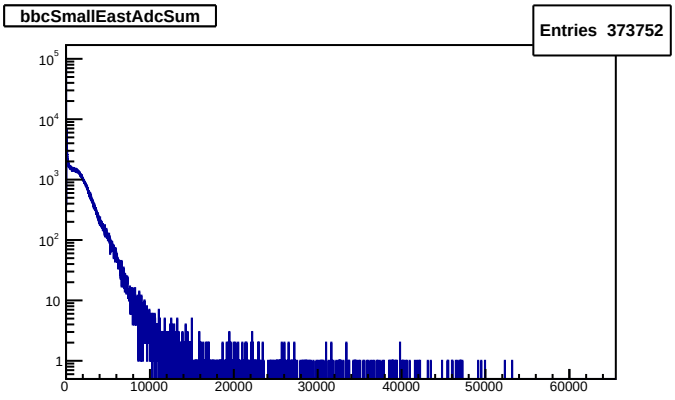

EQ2 QTC
Entries 3.588019e+07
TADC
QT Input Channel

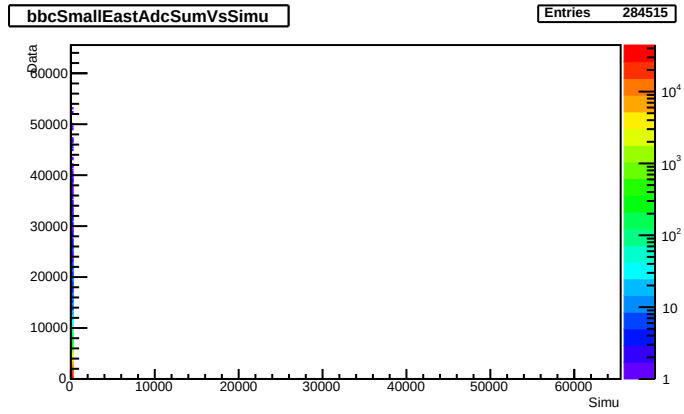

EQ3 QTB
Entries 9.568051e+07
ADC
QT Input Channel

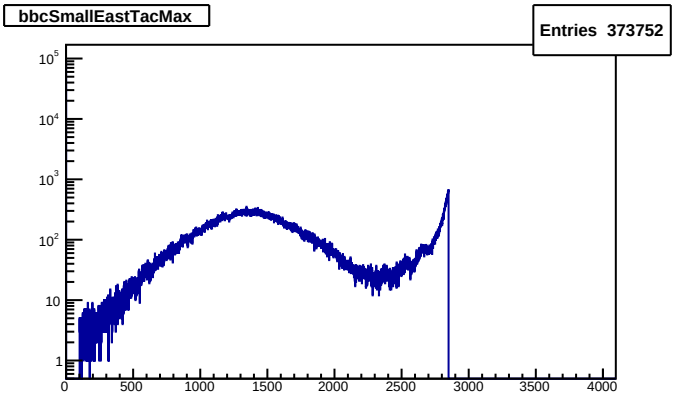

EQ3 QTB
Entries 2.888765e+07
TDC
QT Input Channel

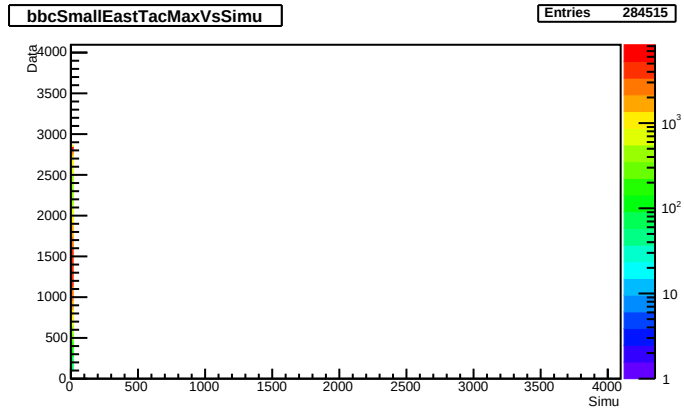

EQ3 QTC
Entries 3.588019e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.588019e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 373752


bbcSmallEastAdcSumVsSimu
Entries 284515
Data
Simu


bbcSmallEastTacMax
Entries 373752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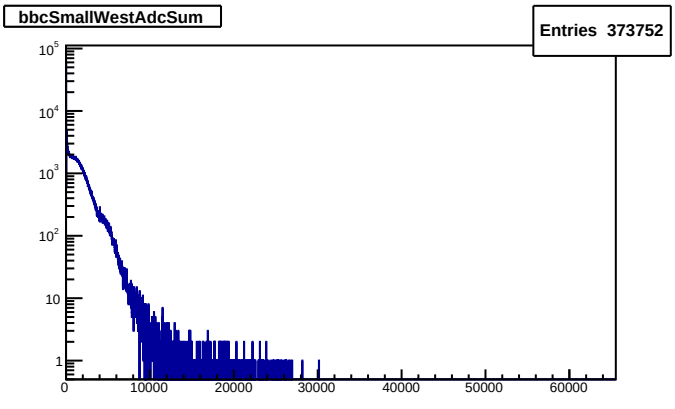
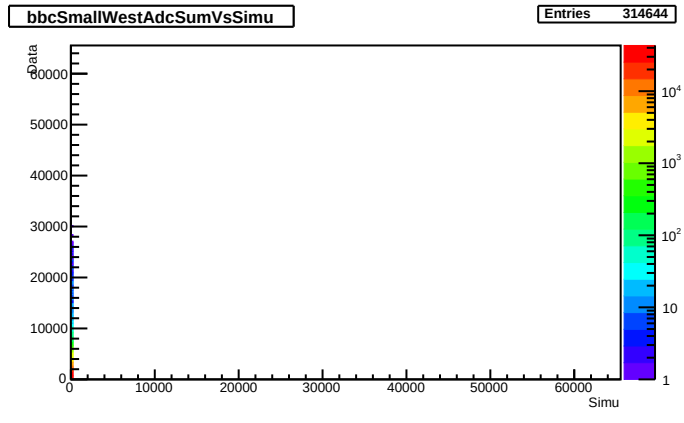
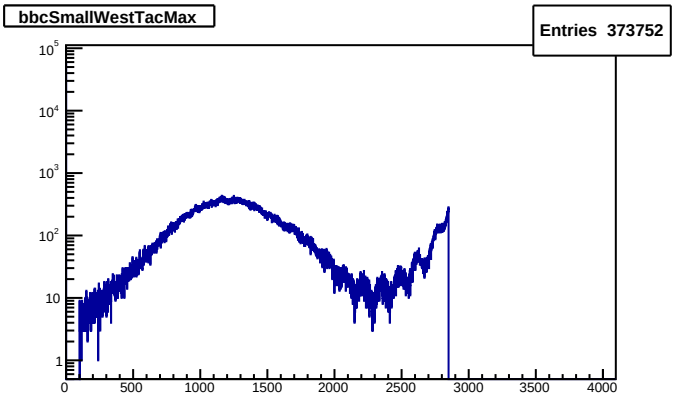
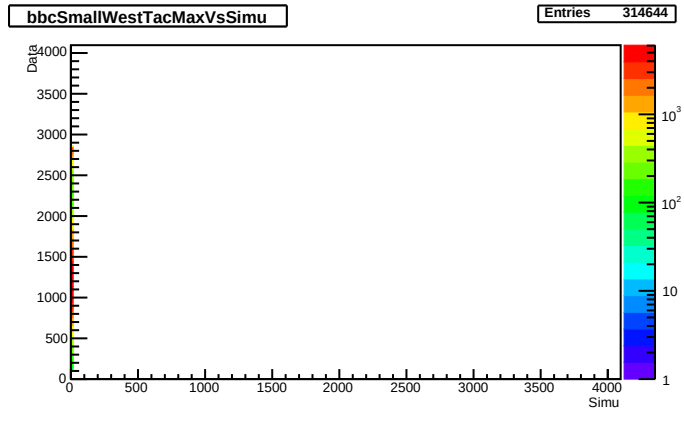
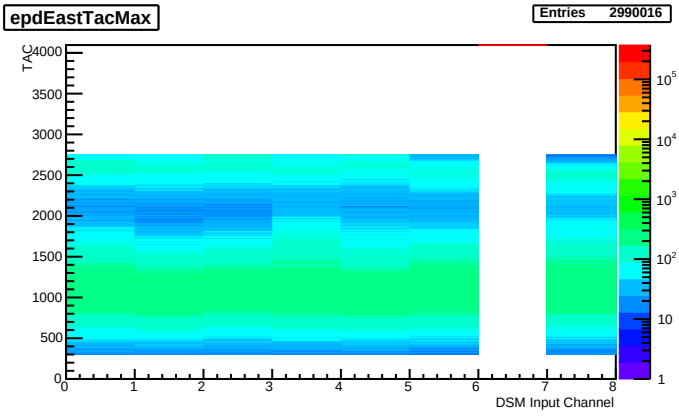
Entries 284515
Data
Simu

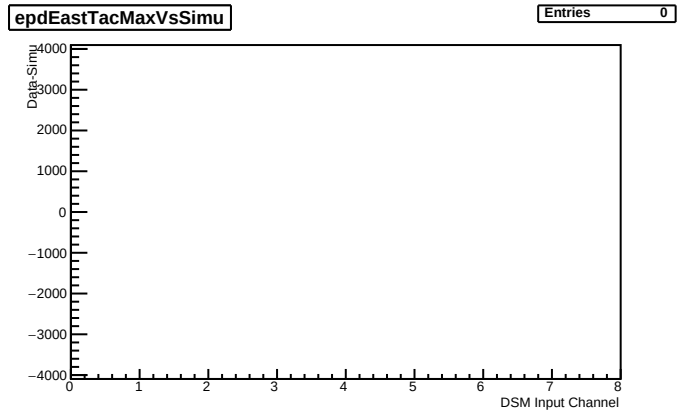

bbcSmallWestAdcSum
Entries 373752

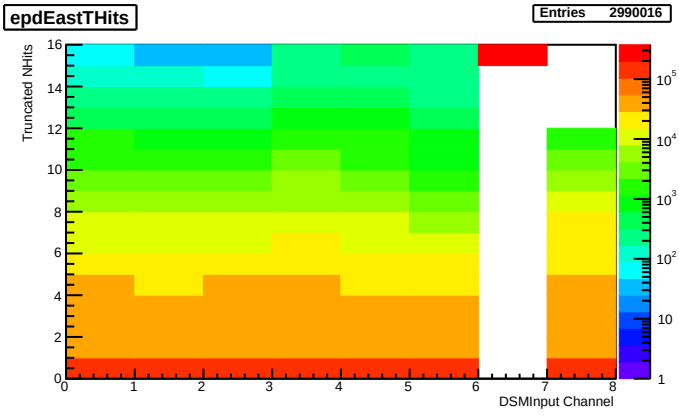

bbcSmallWestAdcSumVsSimu
Entries 314644
Data
Simu

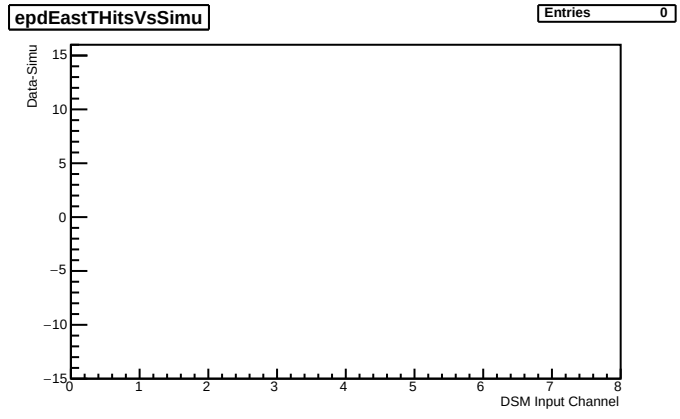

bbcSmallWestTacMax
Entries 373752


bbcSmallWestTacMaxVsSimu
Entries 314644
Data
Simu


epdEastTacMax
Entries 2990016
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2990016
Truncated NHits
DSMInput Channel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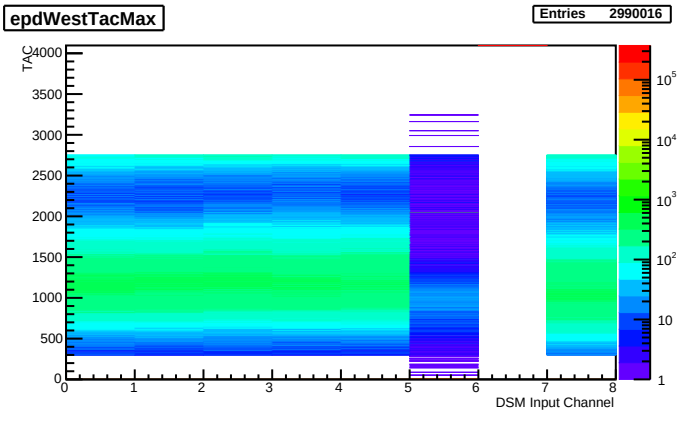
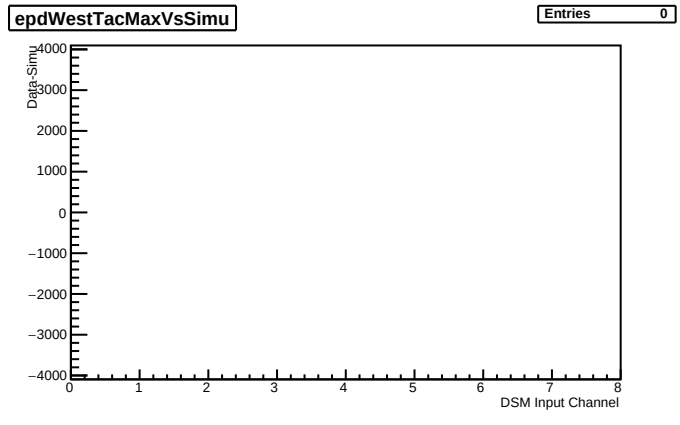
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2990016
TAC
DSM Input Channel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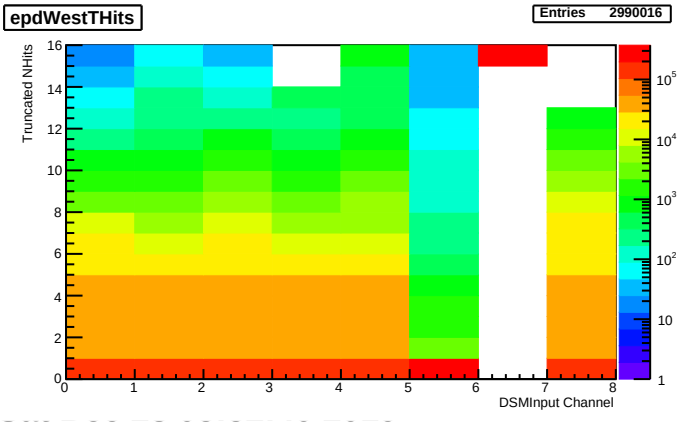
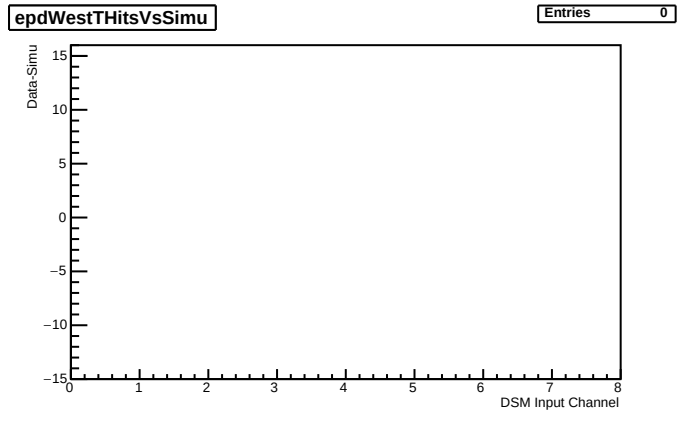
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2990016
Truncated NHits
DSMInput Channel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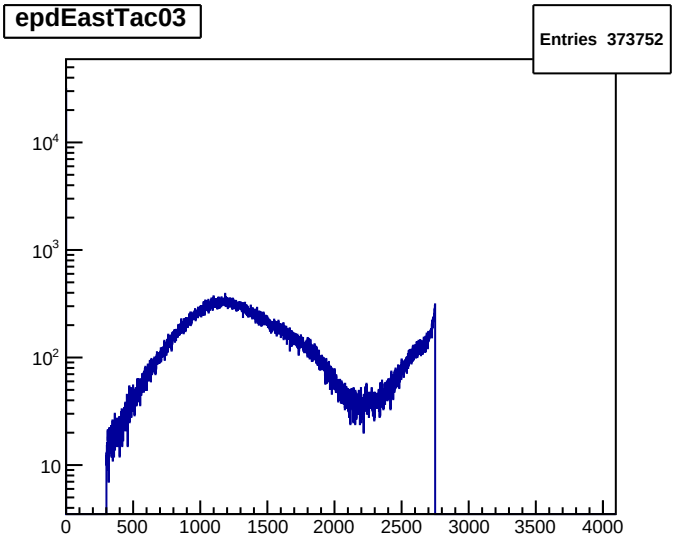
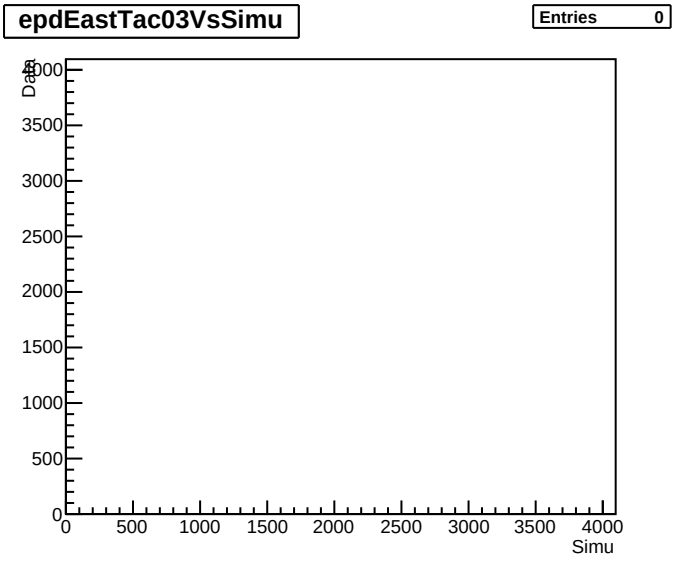
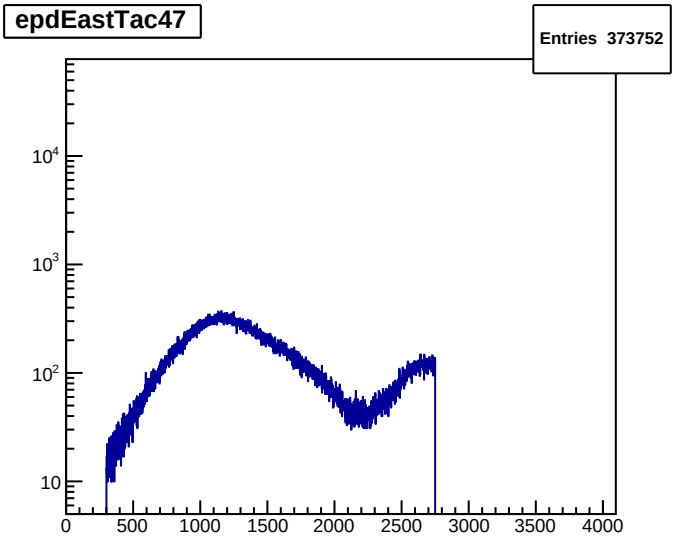
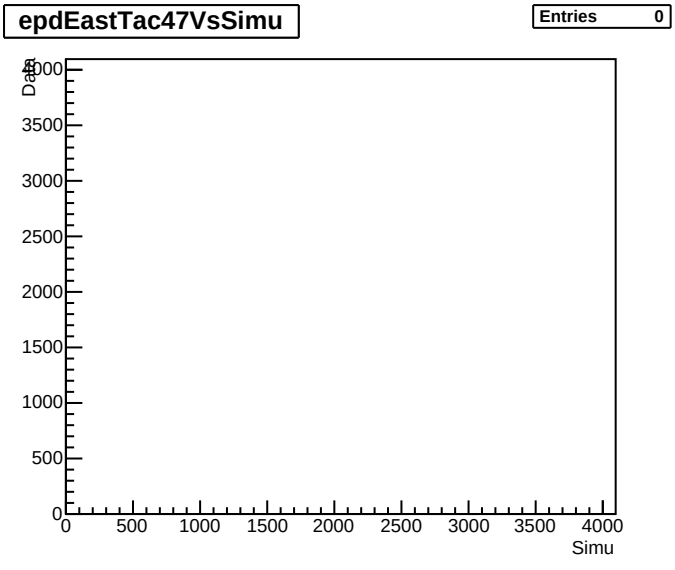
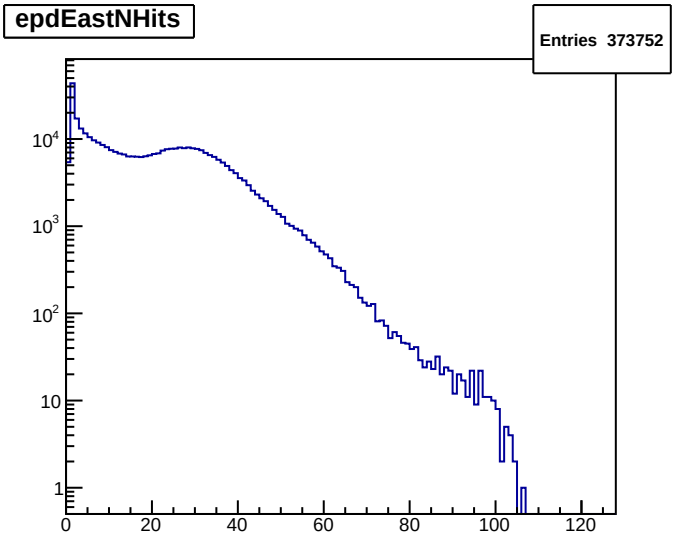
Entries 0
Data-Simu
DSM Input Channel

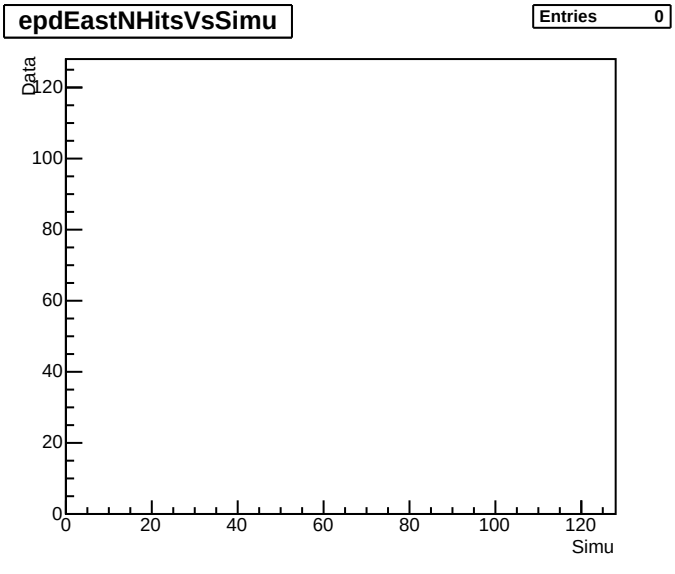

epdEastTac03
Entries 373752

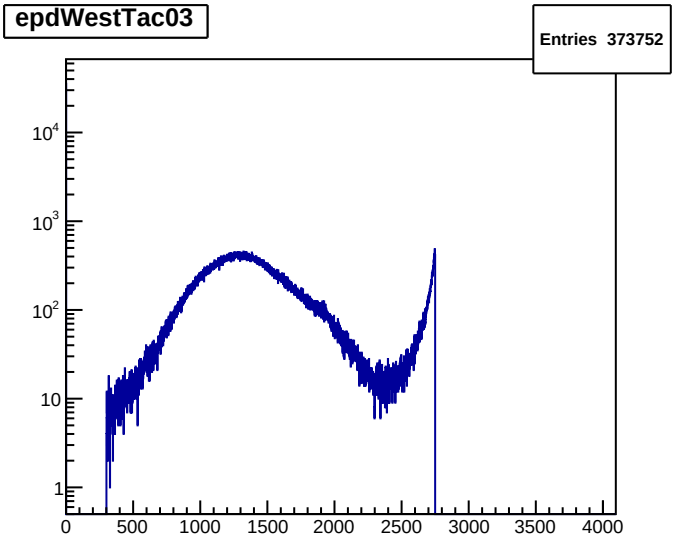

epdEastTac03VsSimu
Entries 0
Data
Simu

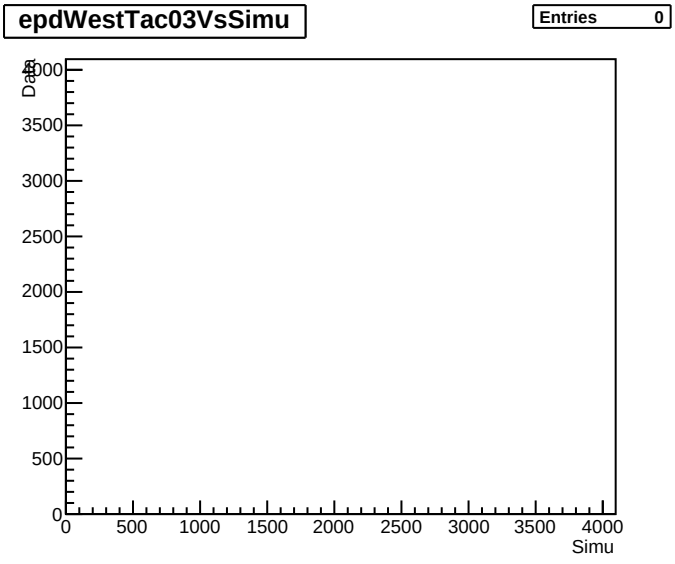

epdEastTac47
Entries 373752


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 373752


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 373752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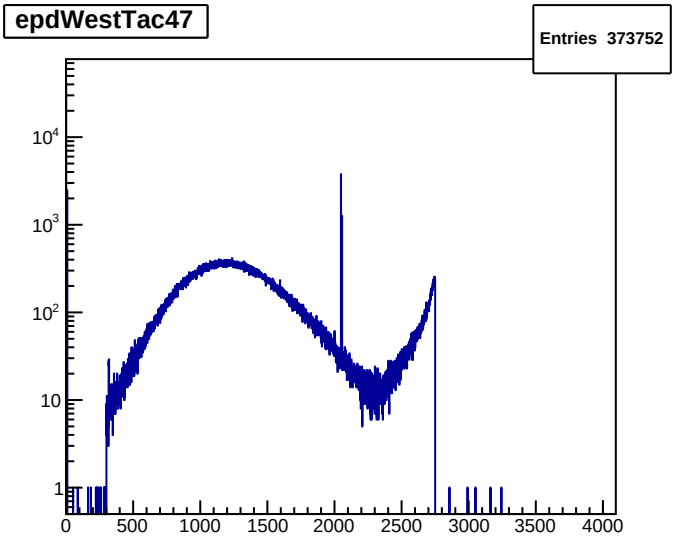
Entries 0
Data
Simu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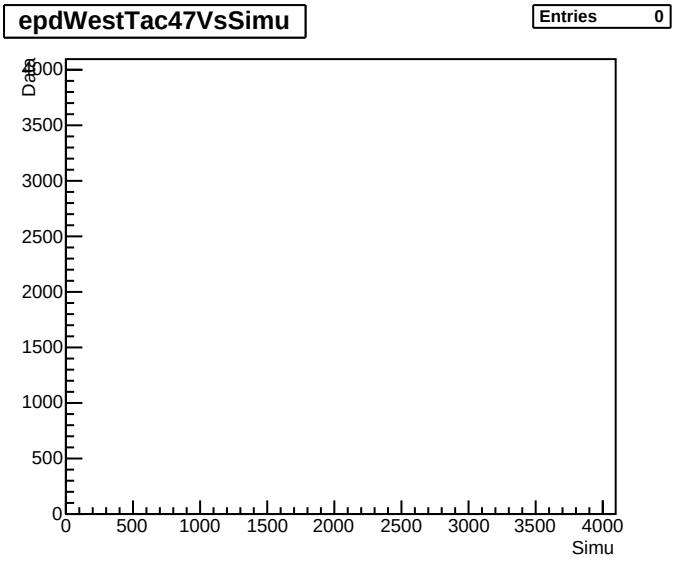
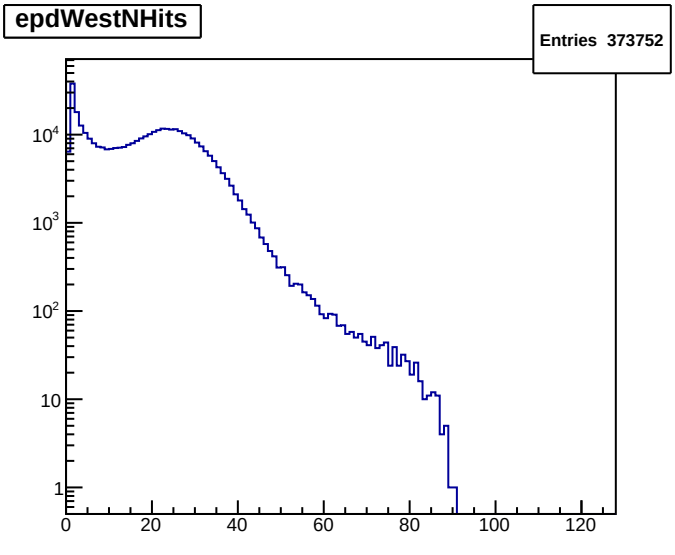
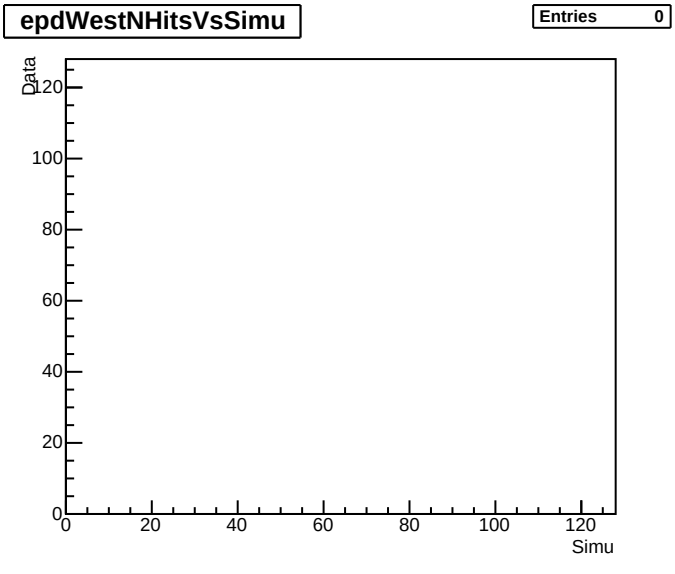
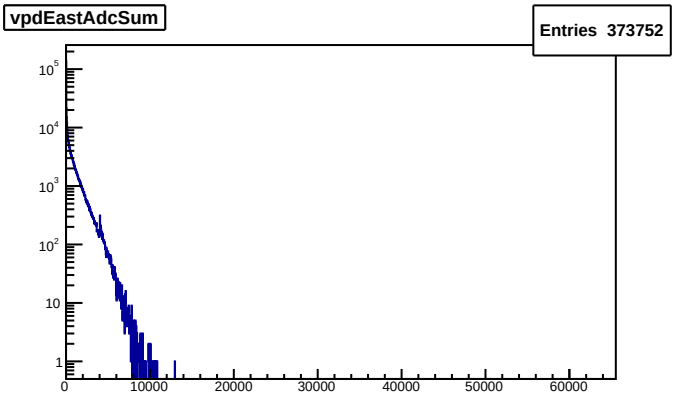
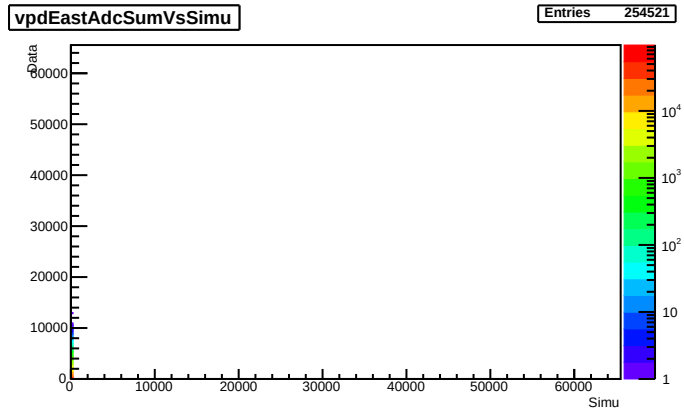
Entries 373752

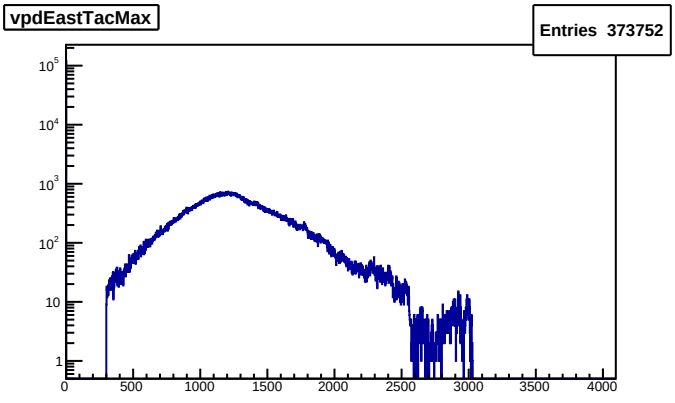

epdWestTac47VsSimu
Entries 0
Data
Simu

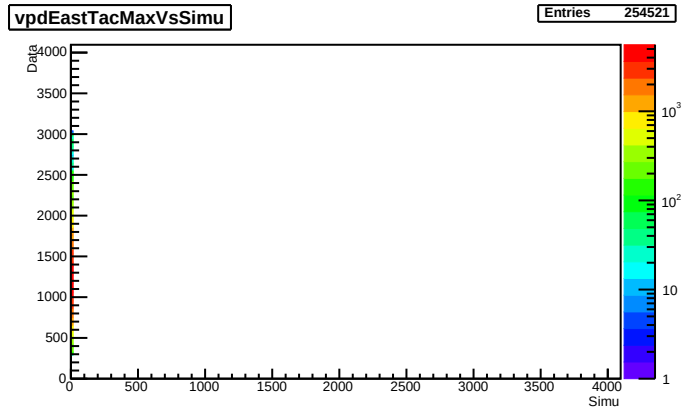

epdWestNHits
Entries 373752

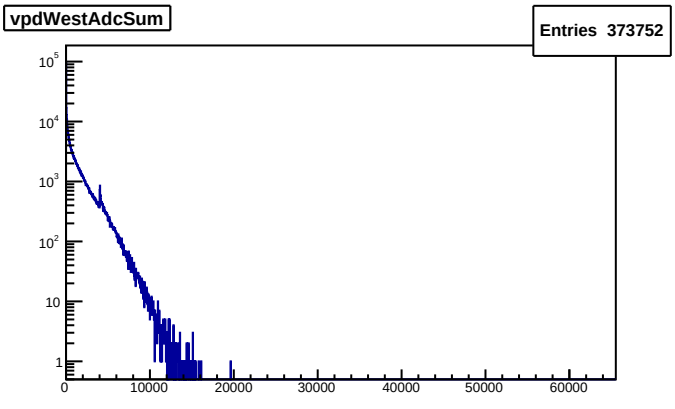

epdWestNHitsVsSimu
Entries 0
Data
Simu

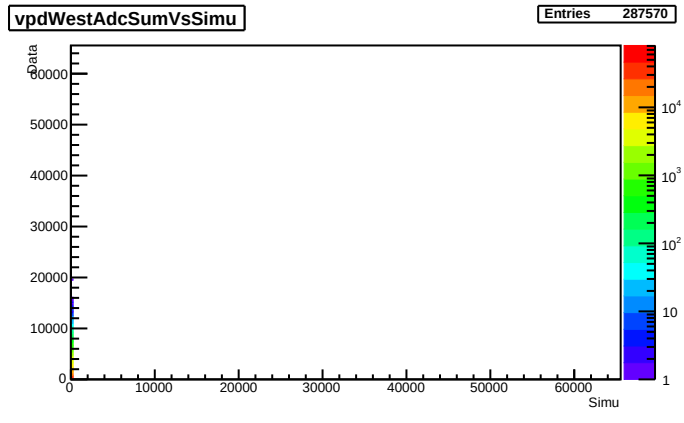

vpdEastAdcSum
Entries 373752


vpdEastAdcSumVsSimu
Entries 254521
Data
Simu


vpdEastTacMax
Entries 373752


vpdEastTacMaxVsSimu
Entries 254521
Data
Simu


vpdWestAdcSum
Entries 373752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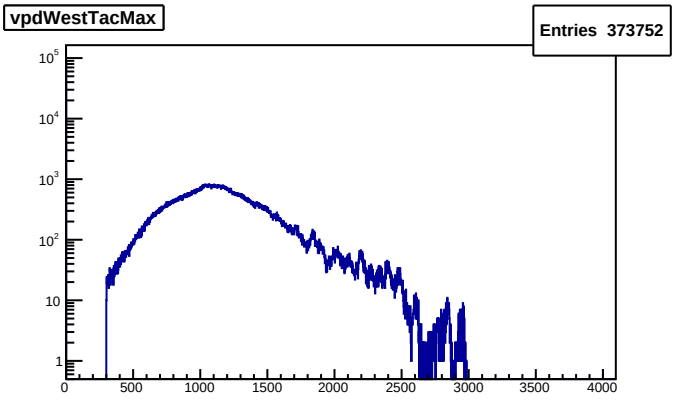
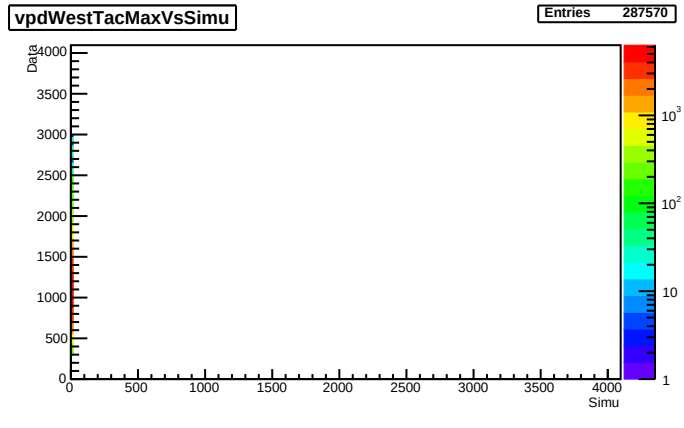
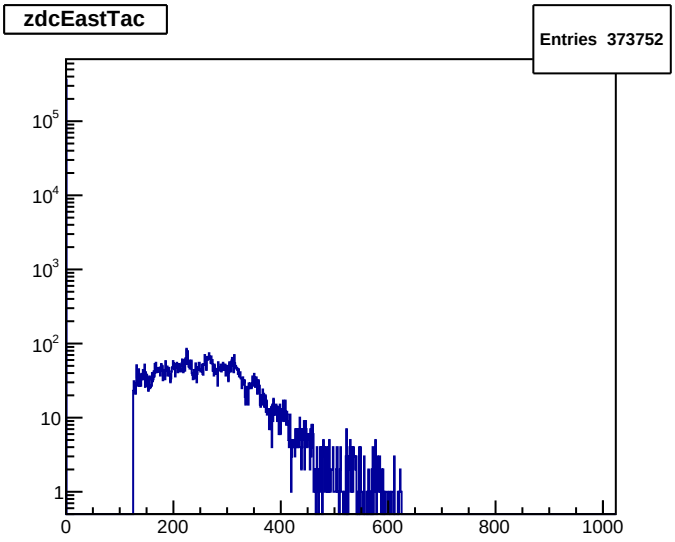
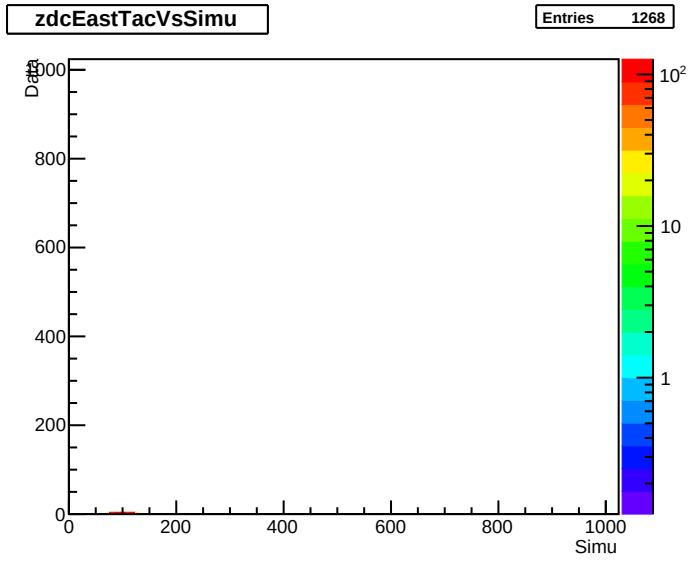
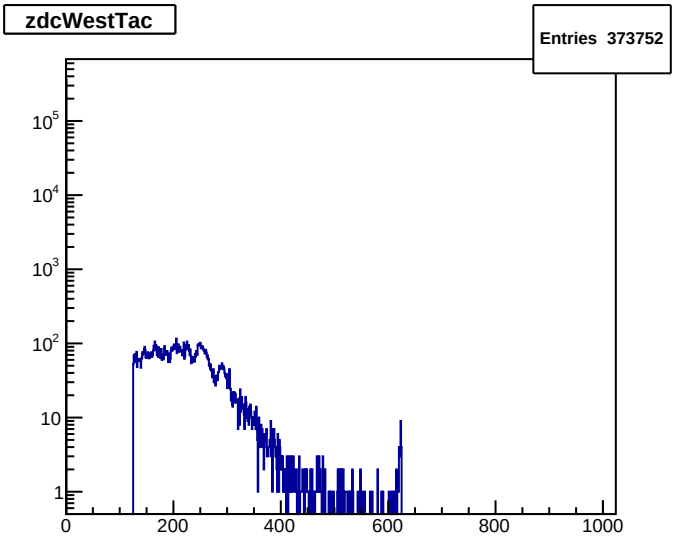
Entries 287570
Data
Simu

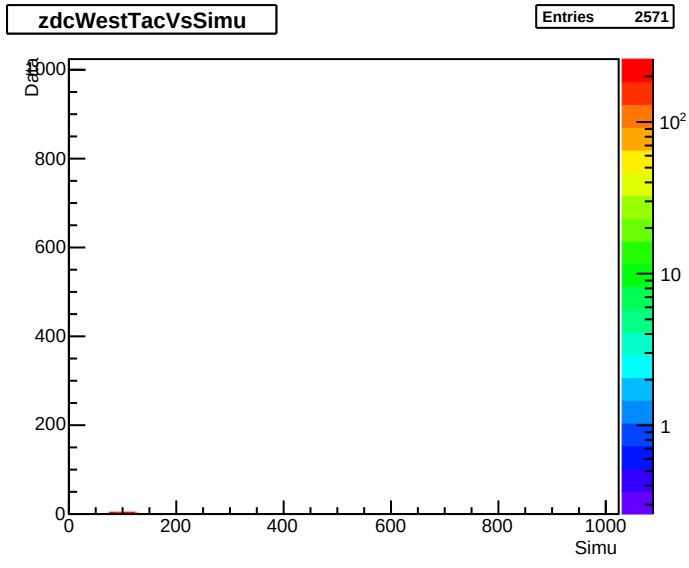

vpdWestTacMax
Entries 373752

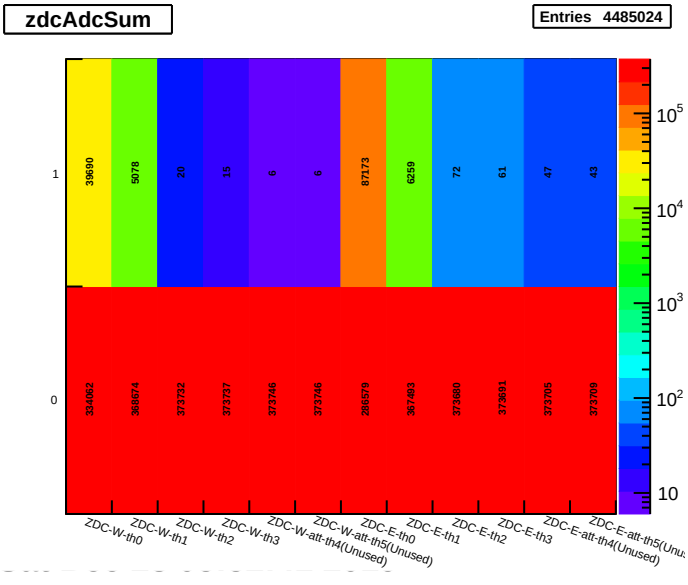

vpdWestTacMaxVsSimu
Entries 287570
Data
Simu

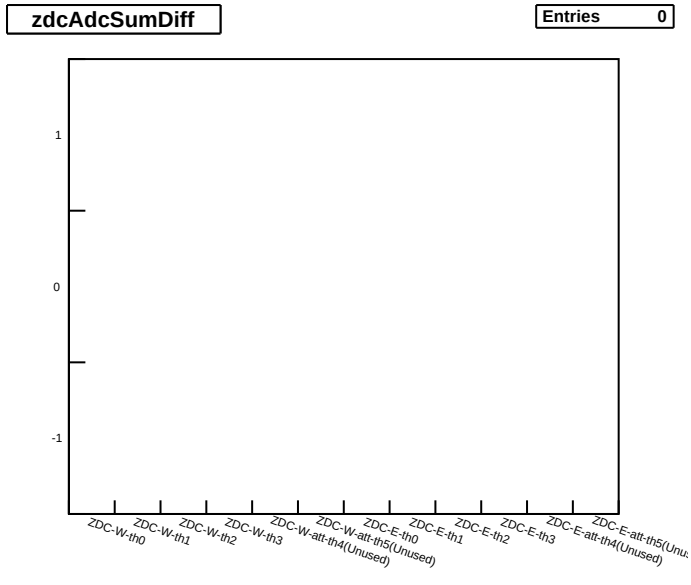

zdcEastTac
Entries 373752

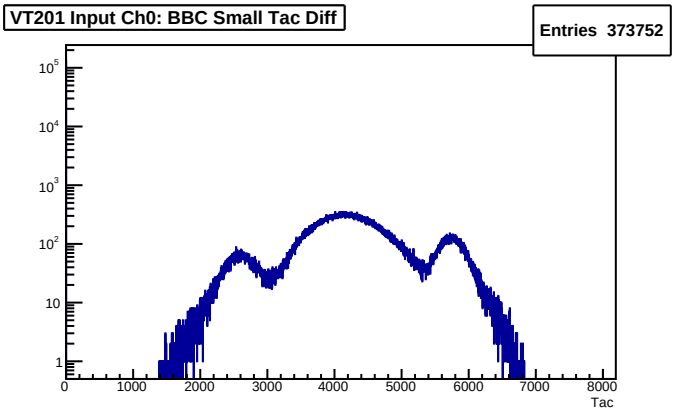

zdcEastTacVsSimu
Entries 1268
Data
Simu

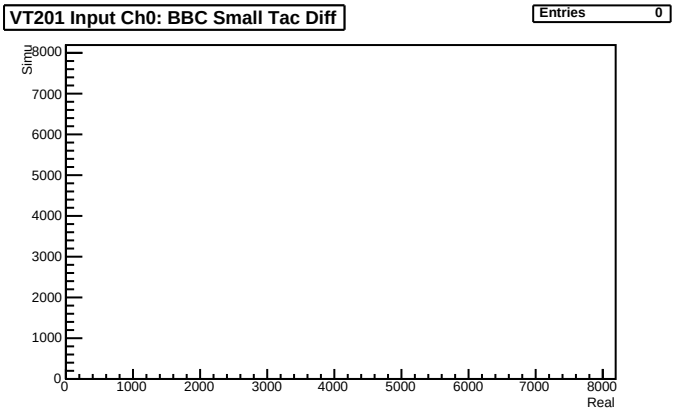

zdcWestTac
Entries 373752

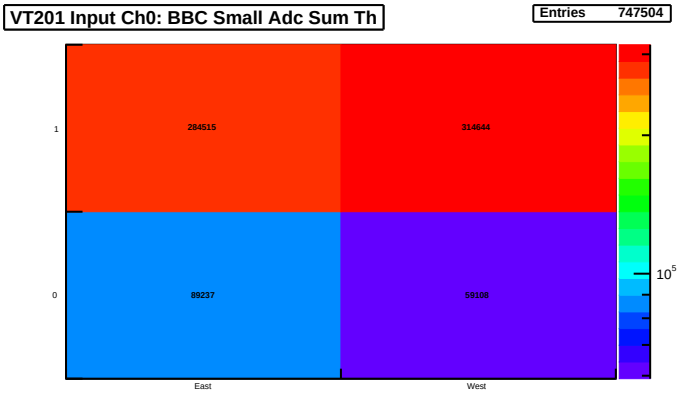

zdcWestTacVsSimu
Entries 2571
Data
Simu

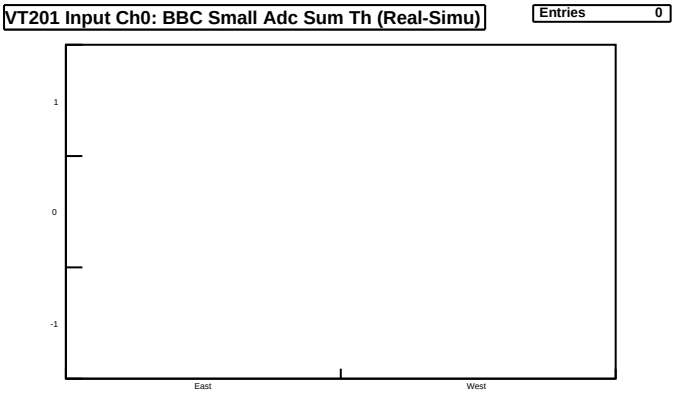

zdcAdcSum
Entries 4485024
39690
5078
20
15
6
6
87173
6259
72
61
47
43
334062
368674
373732
373737
373746
373746
286579
367493
373680
373691
373705
373709
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

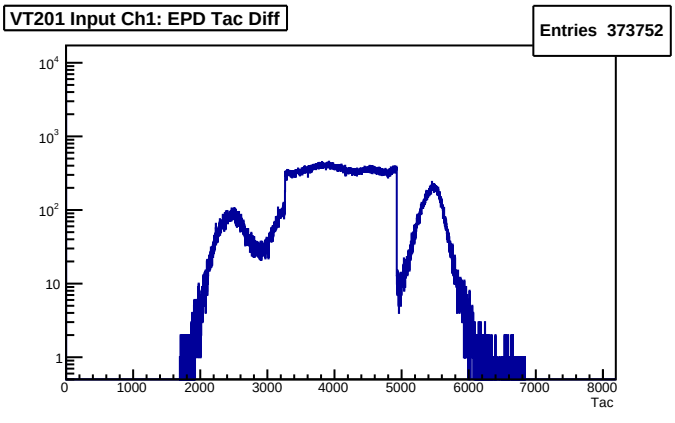

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

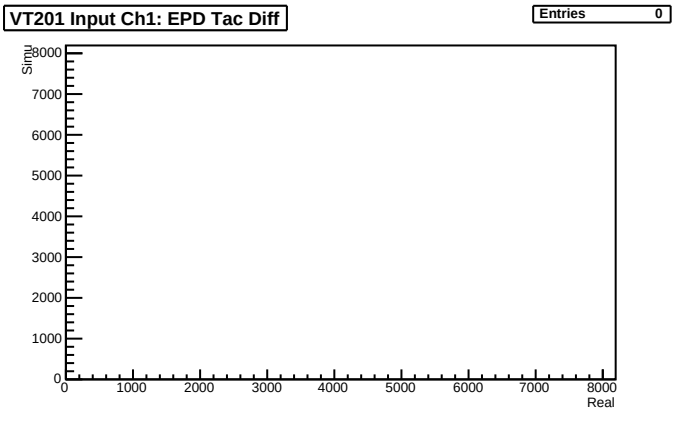

VT201 Input Ch0: BBC Small Tac Diff
Entries 373752
Tac

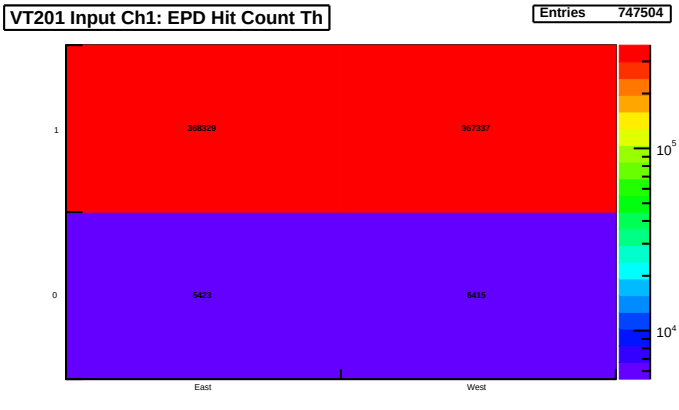

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

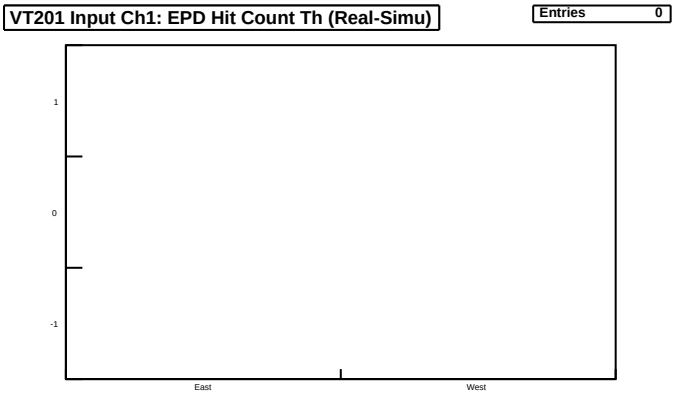

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 747504
284515
314644
89237
59108
East
West

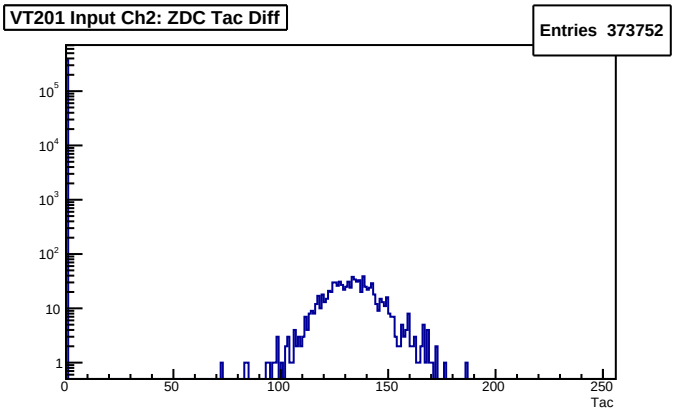

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

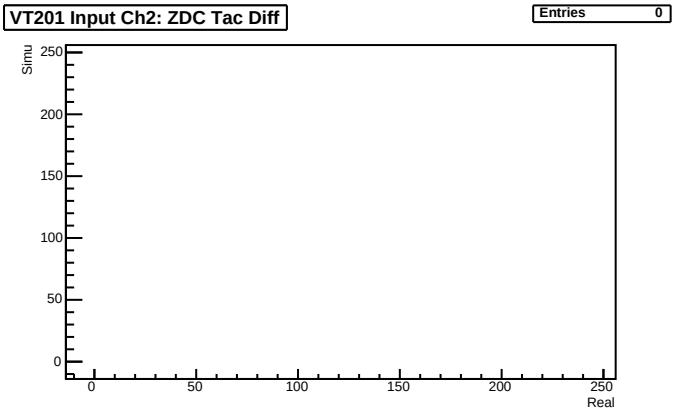

VT201 Input Ch1: EPD Tac Diff
Entries 373752
Tac

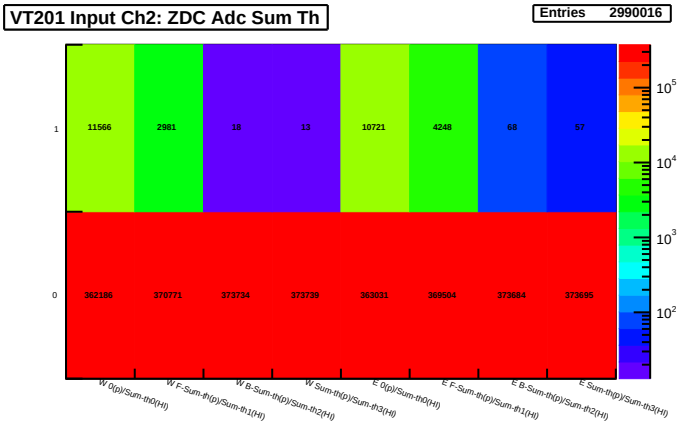

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

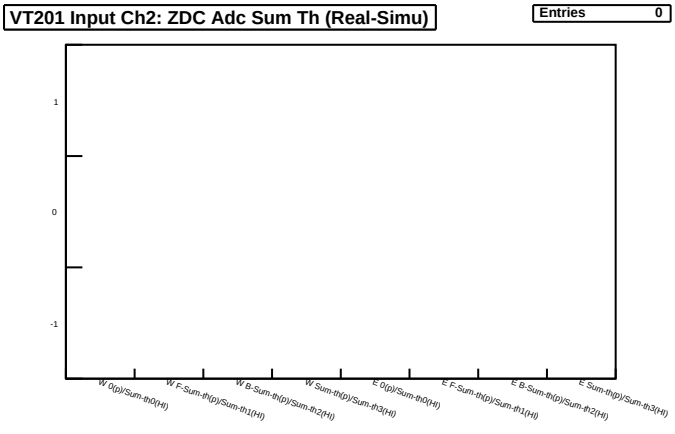

VT201 Input Ch1: EPD Hit Count Th
Entries 747504
368329
367337
5423
6415
East
West

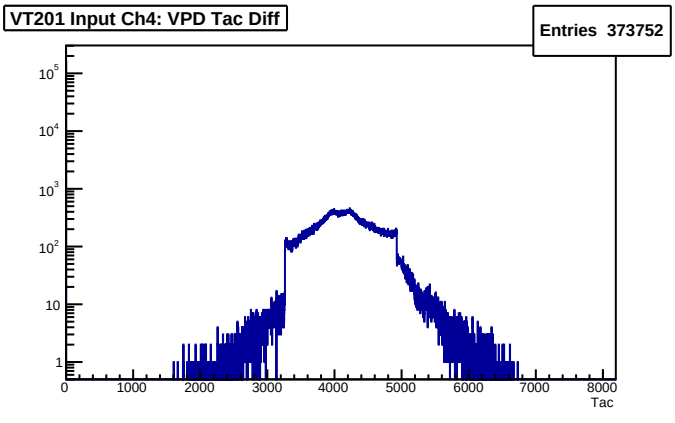

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

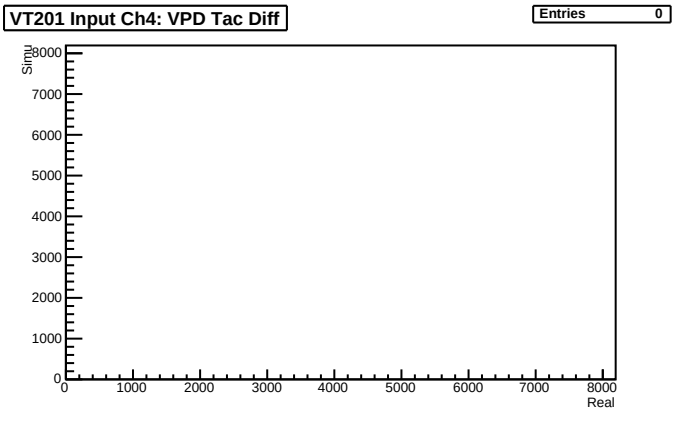

VT201 Input Ch2: ZDC Tac Diff
Entries 373752
Tac

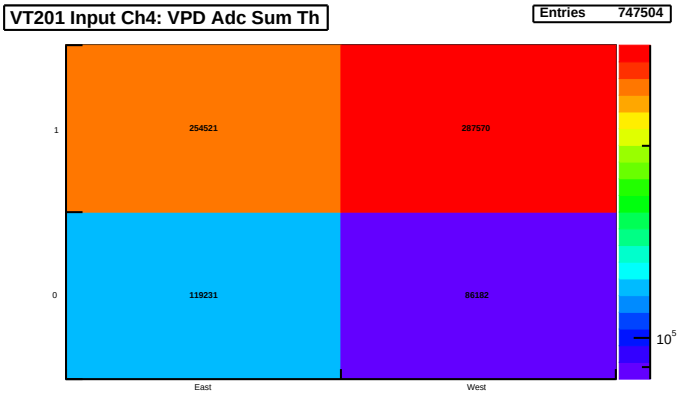

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

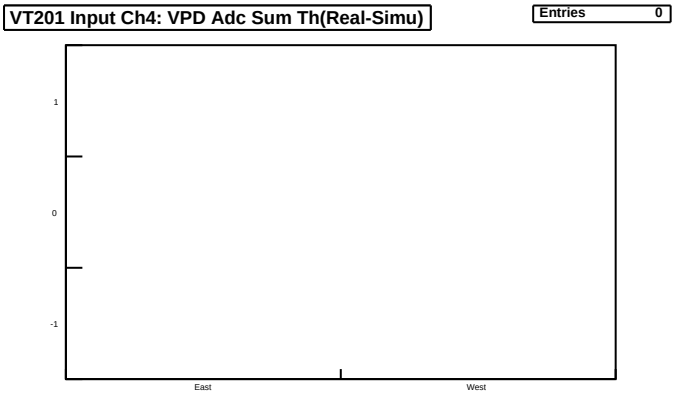

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2990016
11566
2981
18
13
10721
4248
68
57
362186
370771
373734
373739
363031
369504
373684
373695
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

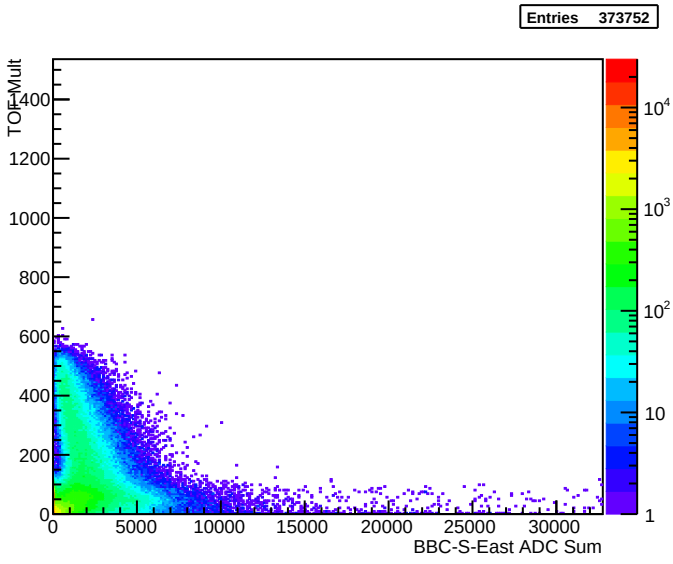

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

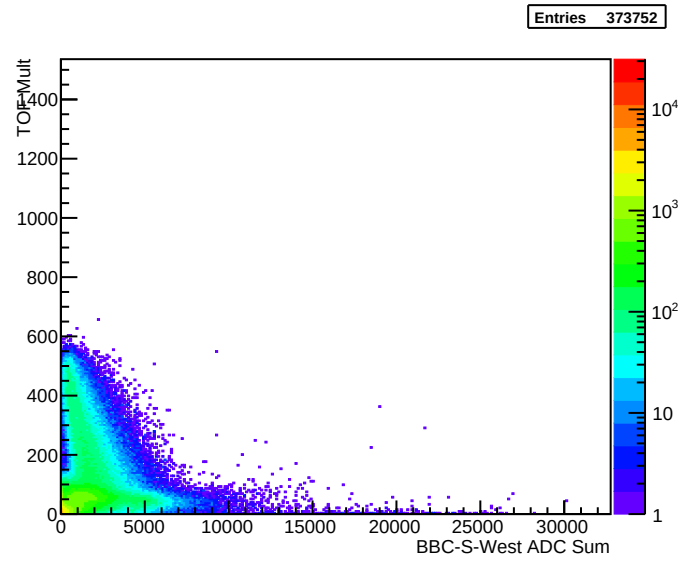

VT201 Input Ch4: VPD Tac Diff
Entries 373752
Tac

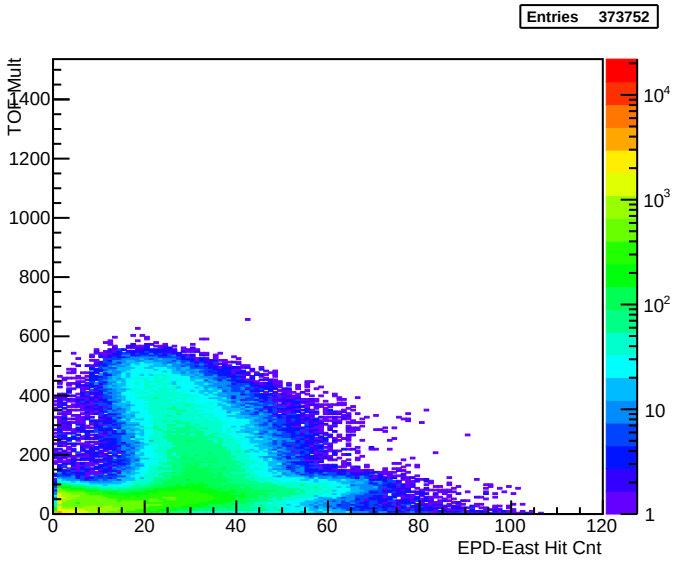

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

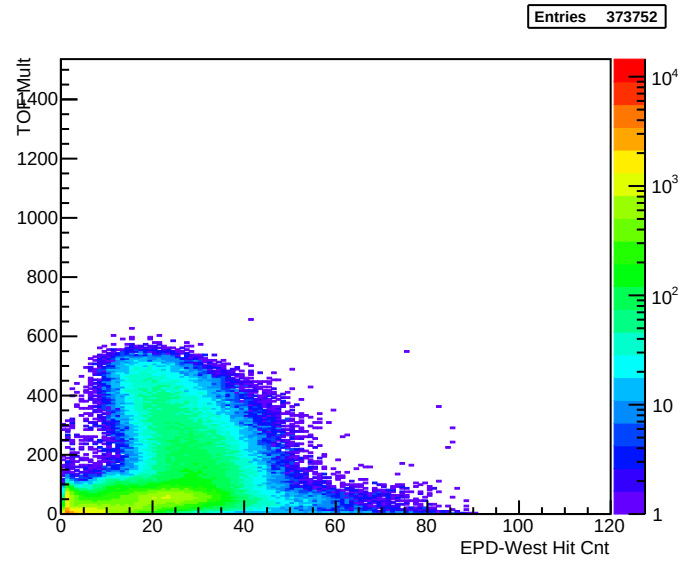

VT201 Input Ch4: VPD Adc Sum Th
Entries 747504
254521
287570
119231
86182
East
West

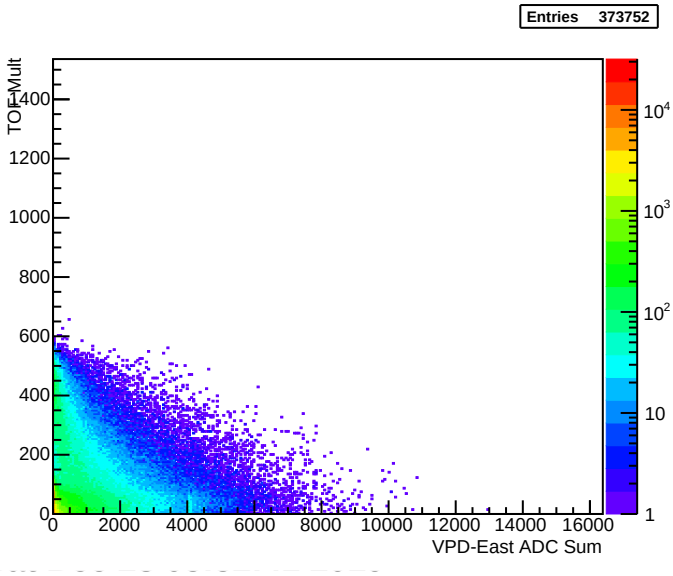

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

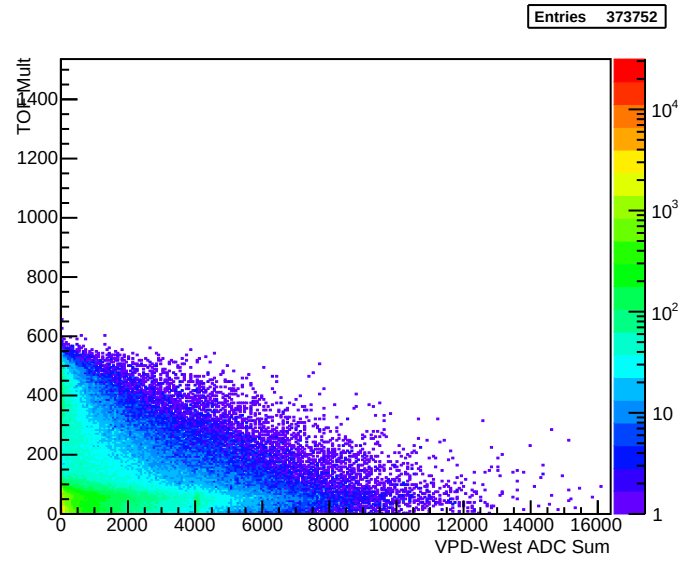

Entries 373752
TOF-Mult
BBC-S-East ADC Sum

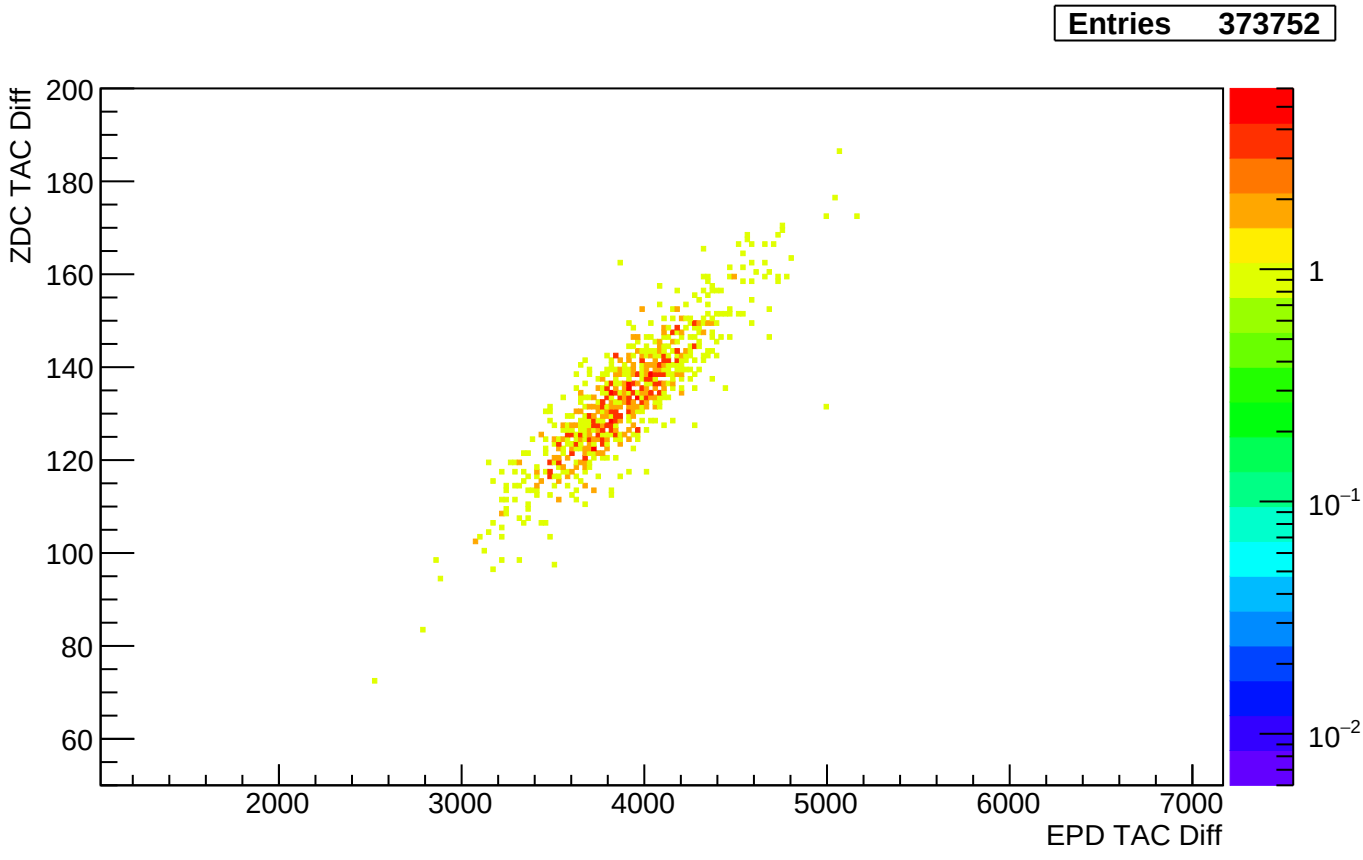

Entries 373752
TOF-Mult
BBC-S-West ADC Sum

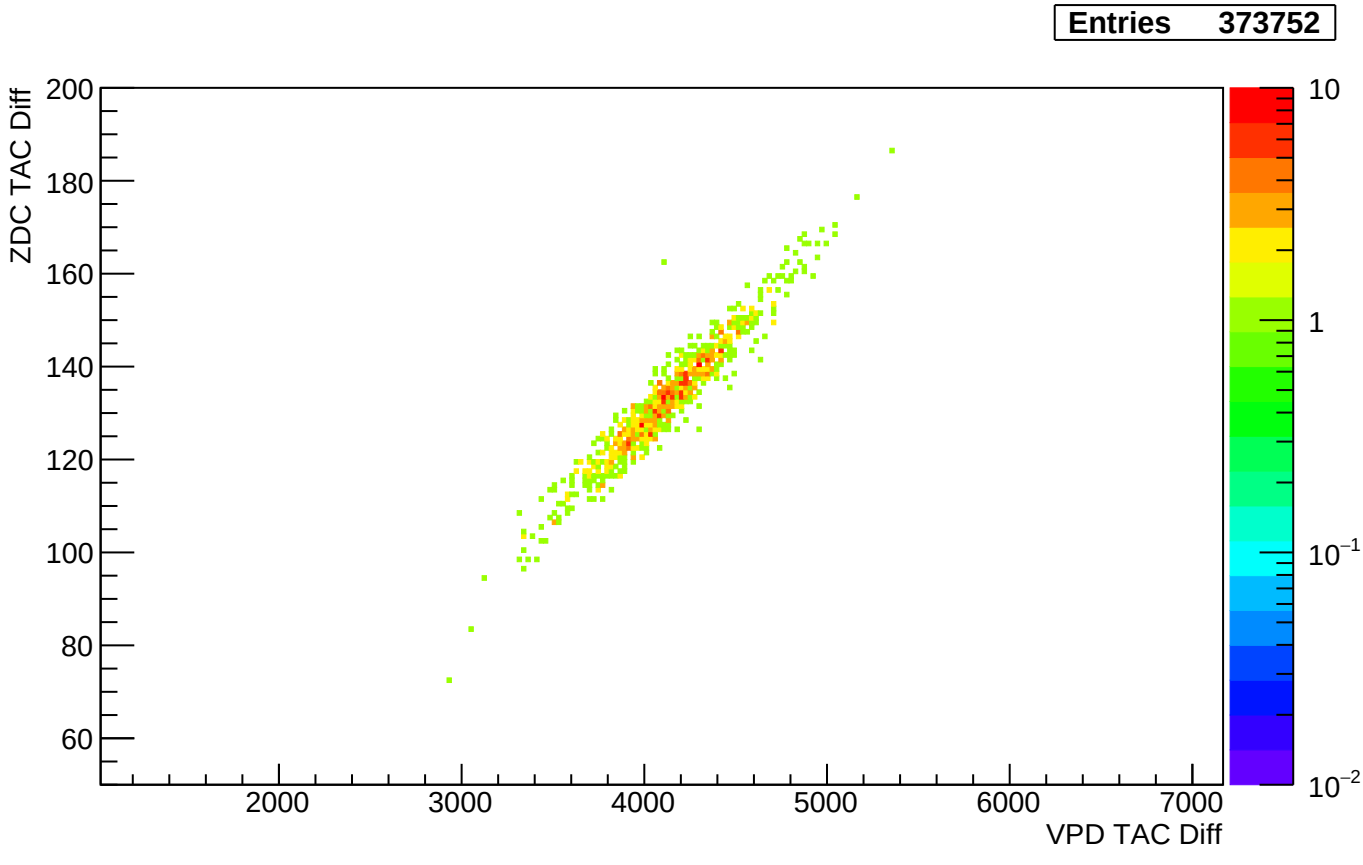

Entries 373752
TOF-Mult
EPD-East Hit Cnt

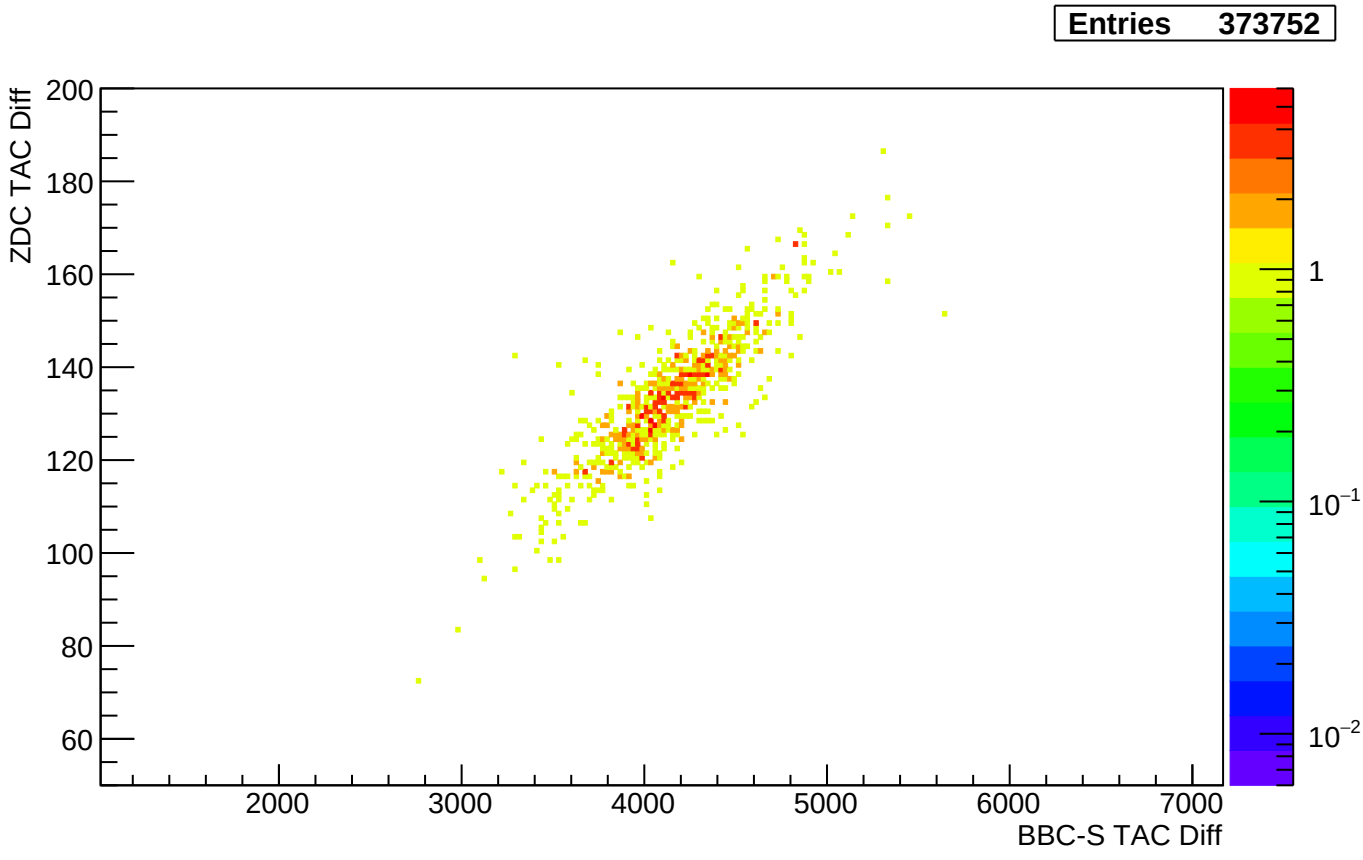

Entries 373752
TOF-Mult
EPD-West Hit Cnt

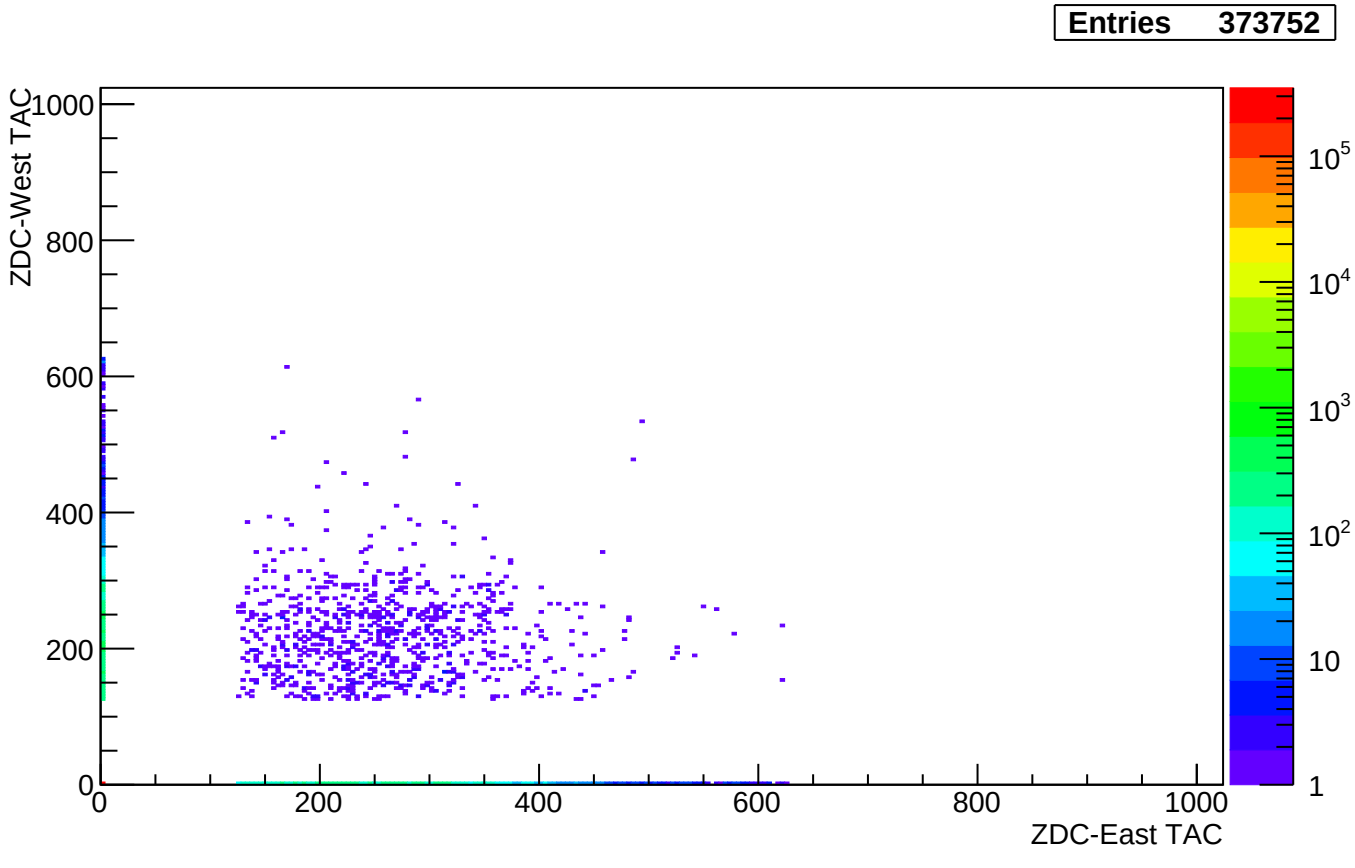

Entries 373752
TOF-Mult
VPD-East ADC Sum

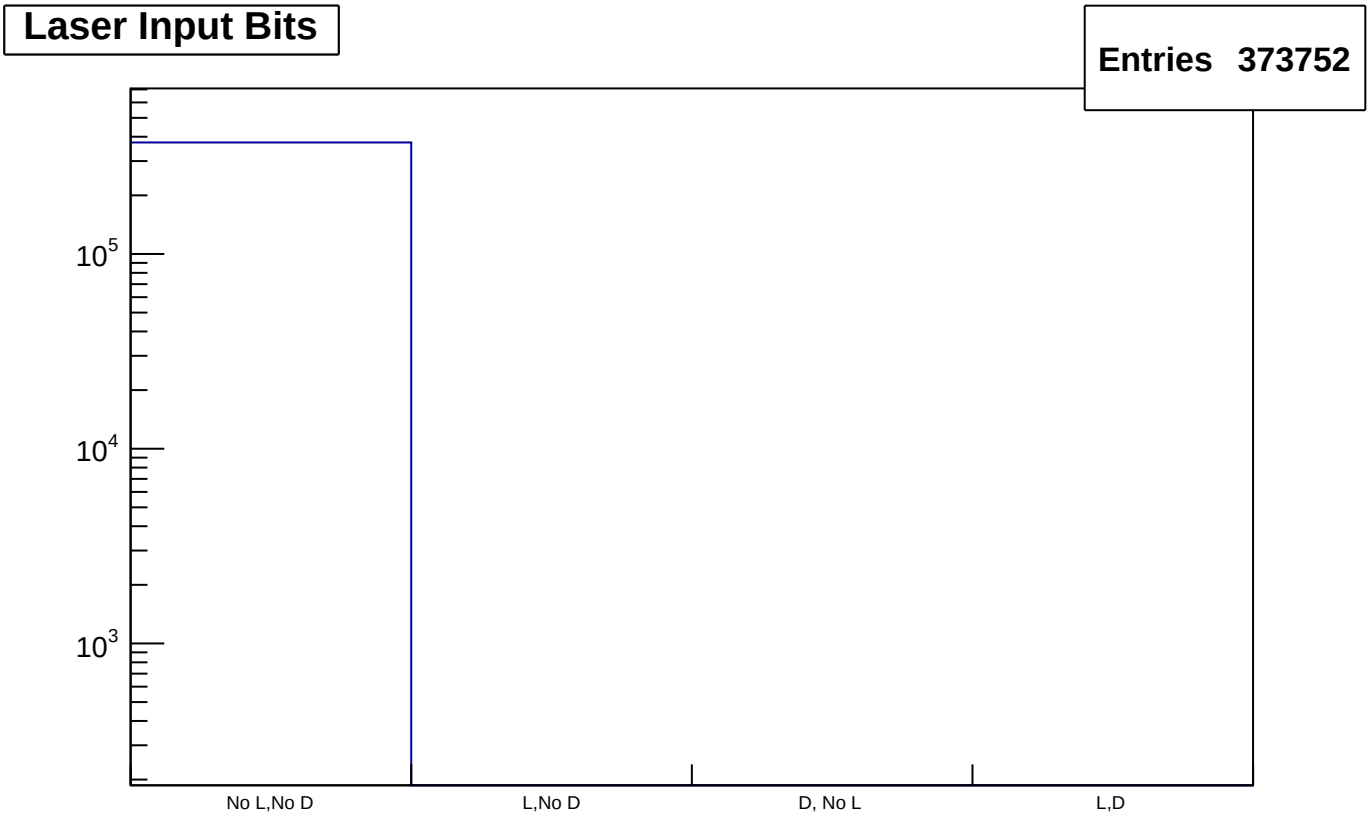

Entries 373752
TOF-Mult
VPD-West ADC Sum

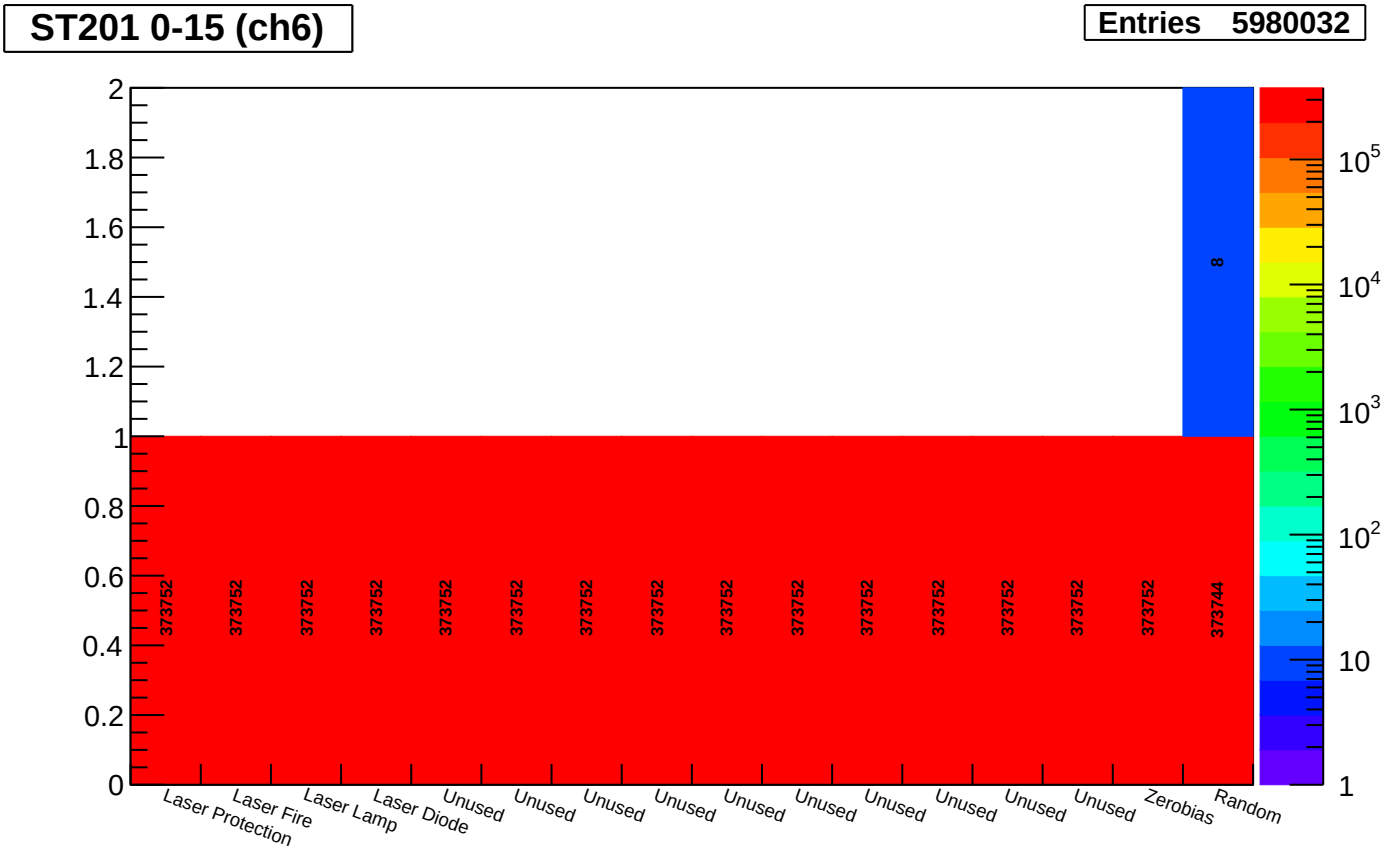

Entries 373752
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

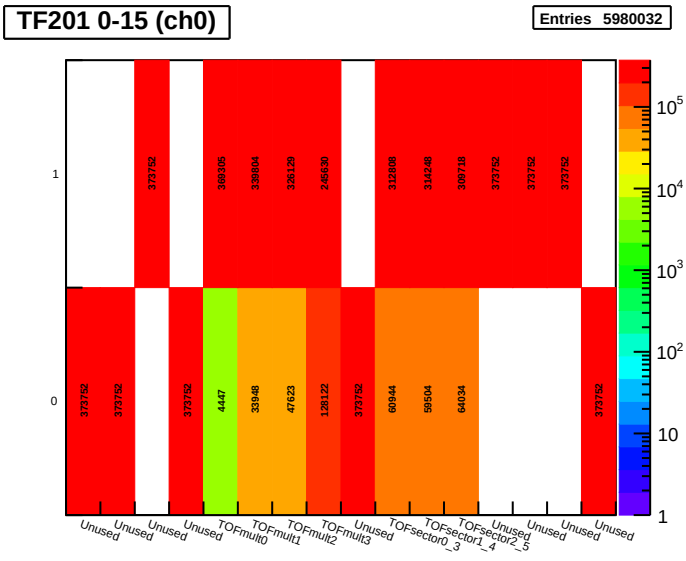

Entries 373752
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}
10^{-2}

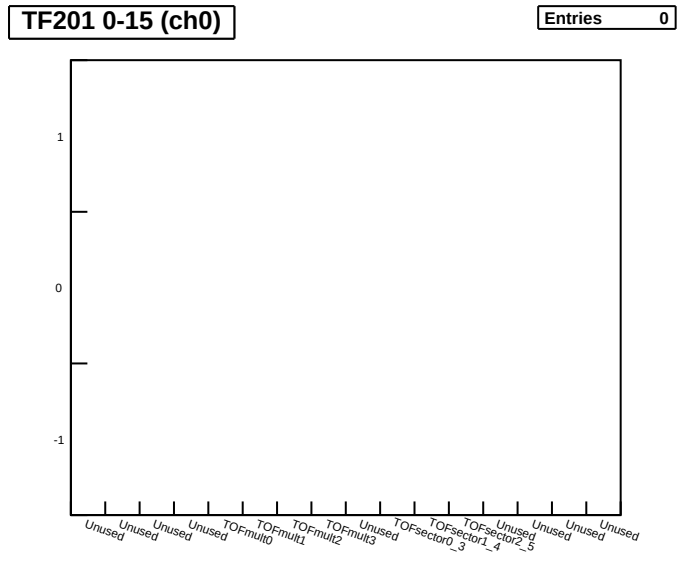

Entries 373752
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

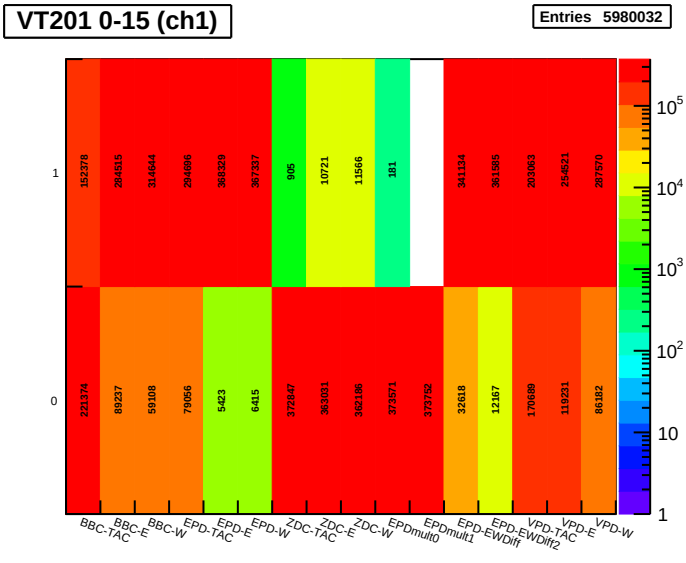

Entries 373752
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

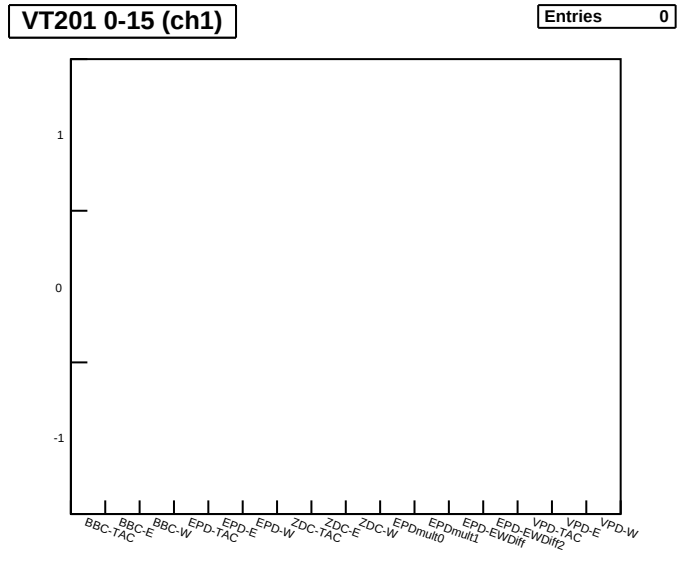

Laser Input Bits
Entries 373752
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

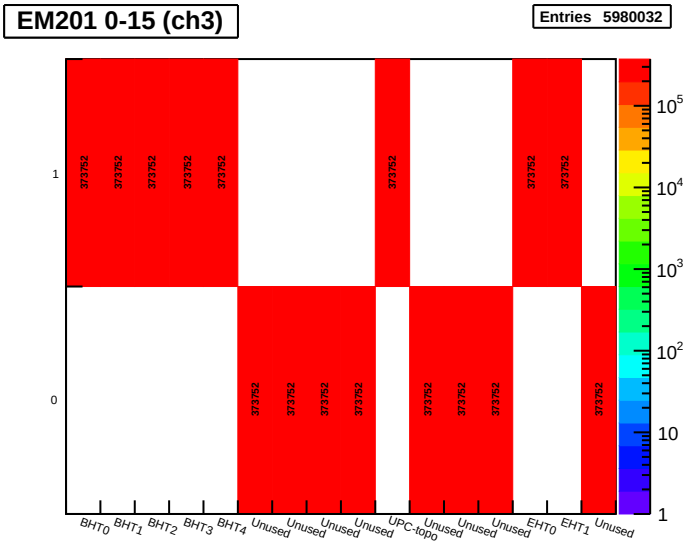

ST201 0-15 (ch6)
Entries 5980032
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
373752
373744
8
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

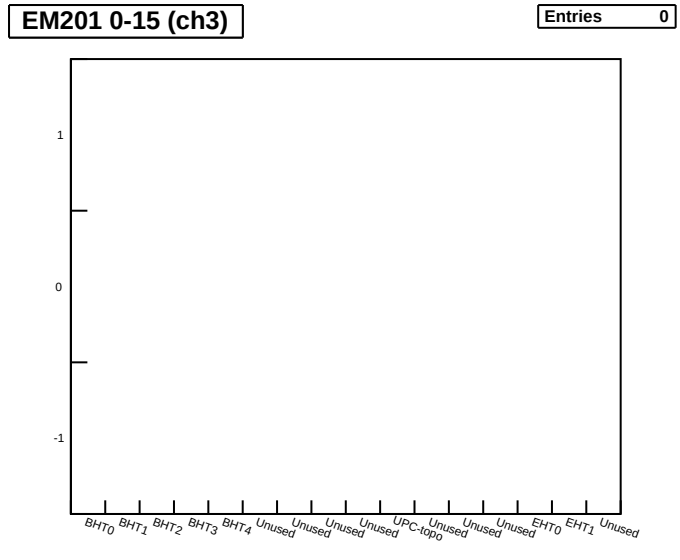

TF201 0-15 (ch0)
Entries 5980032
1
0
373752
373752
373752
373752
369305
339804
326129
245630
312808
314248
309718
373752
373752
373752
373752
4447
33948
47623
128122
373752
60944
59504
64034
373752
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 5980032
1
0
152378
284515
314644
294696
368329
367337
905
10721
11566
181
341154
361585
203063
254521
287570
221374
89237
59108
79066
5423
6415
372847
363031
362186
373571
373752
32618
12167
170689
119231
86182
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 5980032
1
0
373752
373752
373752
373752
373752
373752
373752
373752
373752
373752
373752
373752
373752
373752
373752
373752
373752
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