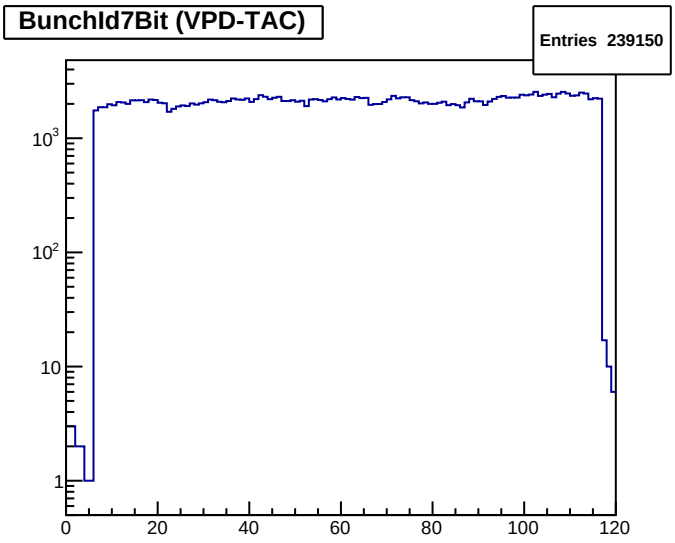
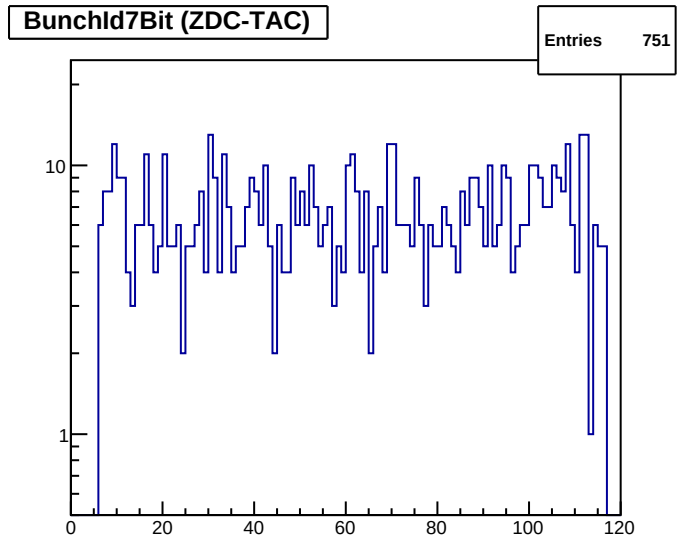
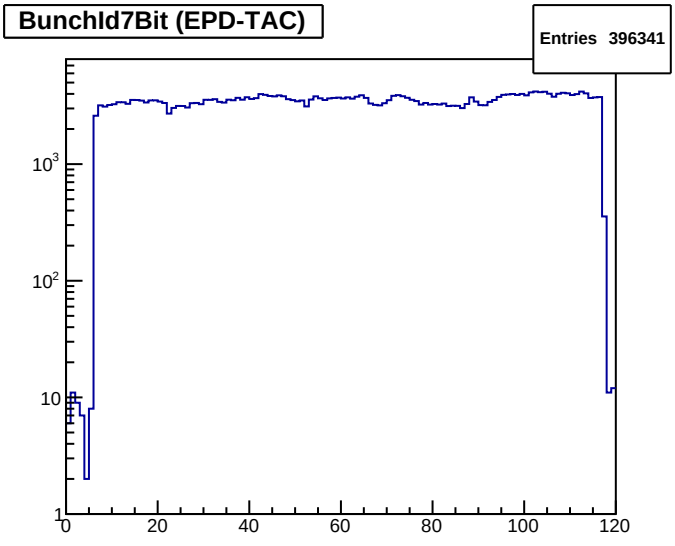
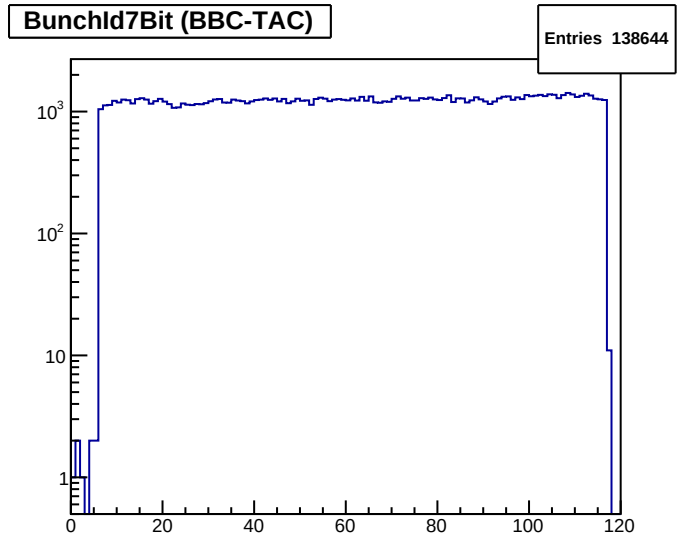
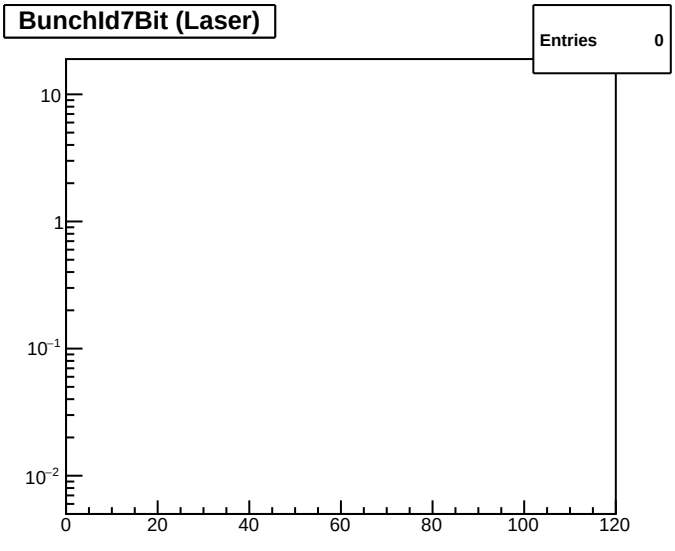
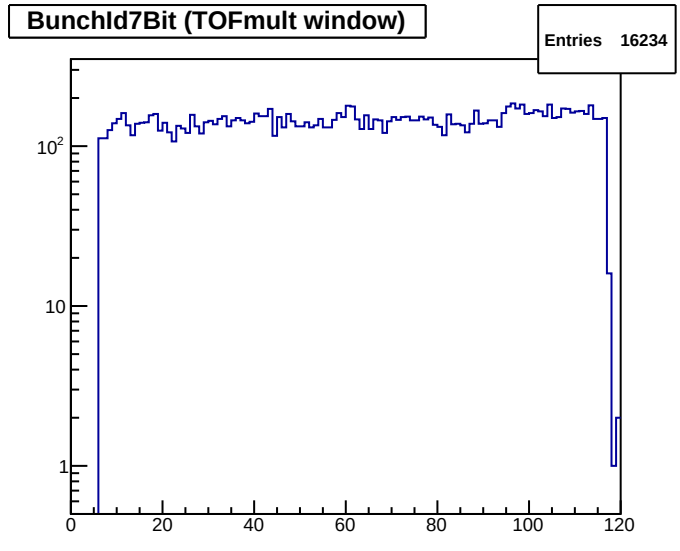

BunchId7Bit (VPD-TAC)
Entries 239150

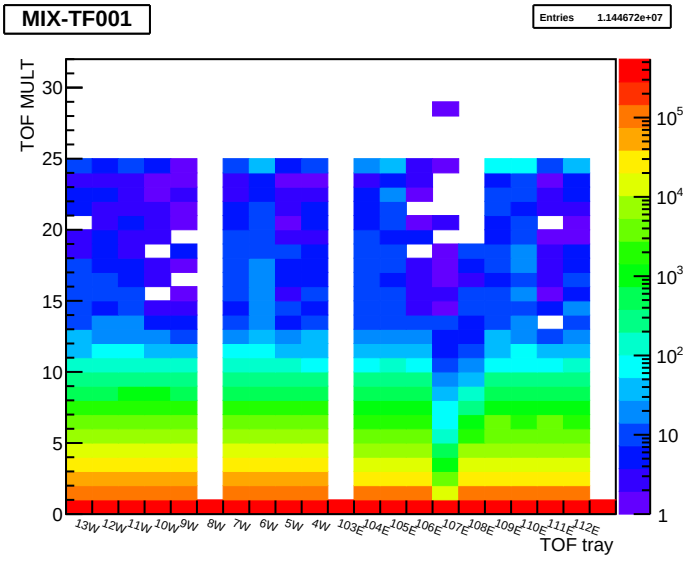

BunchId7Bit (ZDC-TAC)
Entries 751

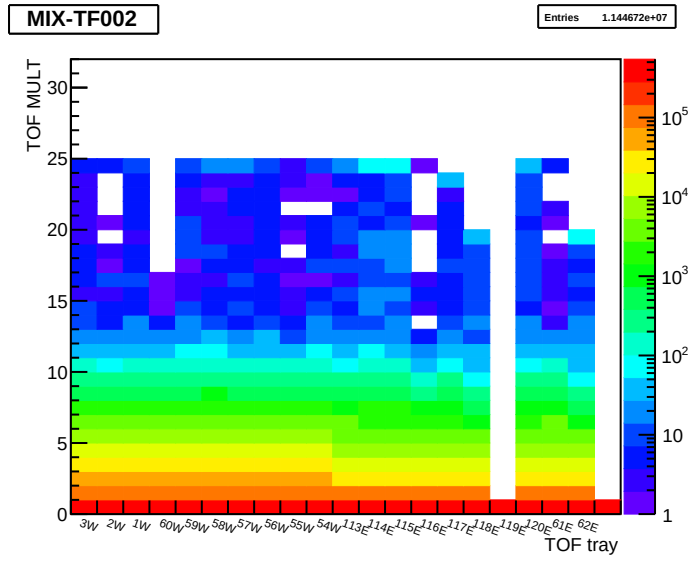

BunchId7Bit (EPD-TAC)
Entries 396341

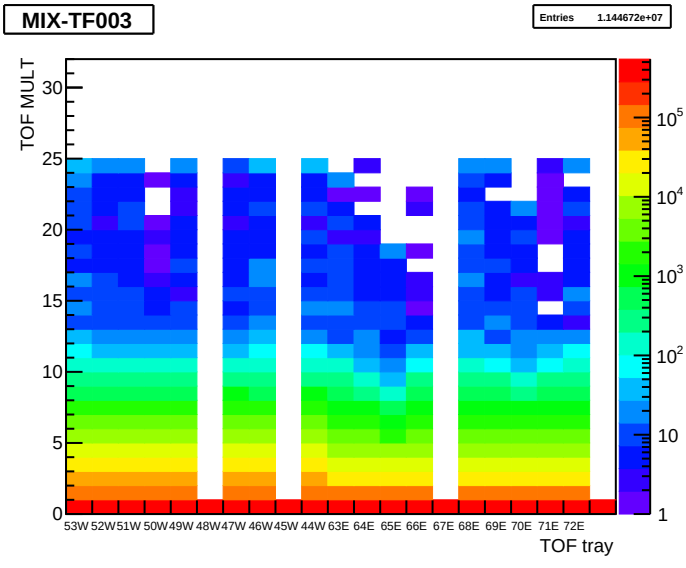

BunchId7Bit (BBC-TAC)
Entries 138644

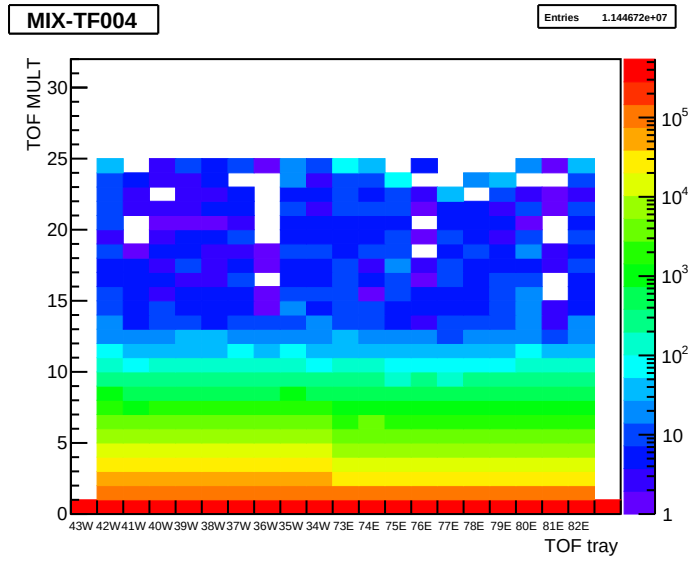

BunchId7Bit (Laser)
Entries 0

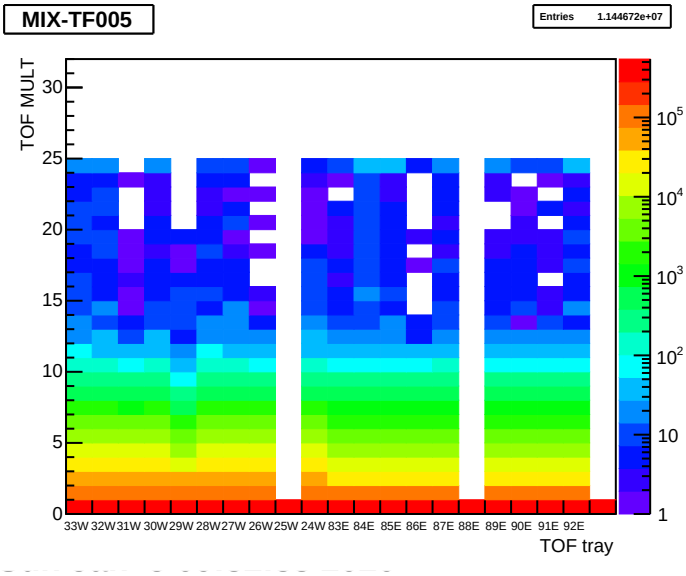

BunchId7Bit (TOFmult window)
Entries 16234

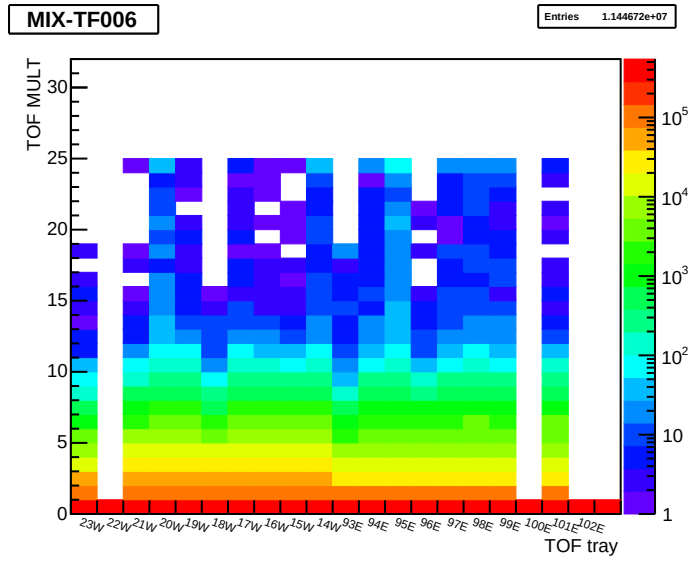

MIX-TF001
Entries 1.144672e+07
TOF MULT
TOF tray

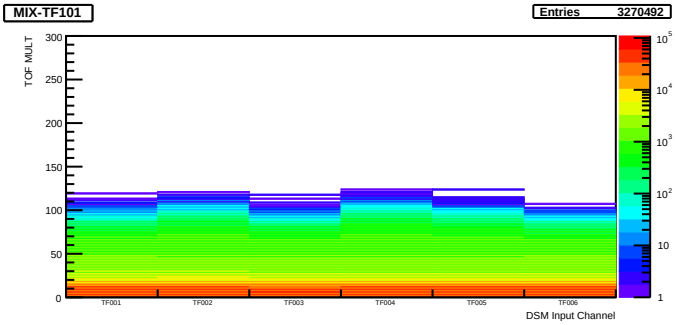

MIX-TF002
Entries 1.144672e+07
TOF MULT
TOF tray

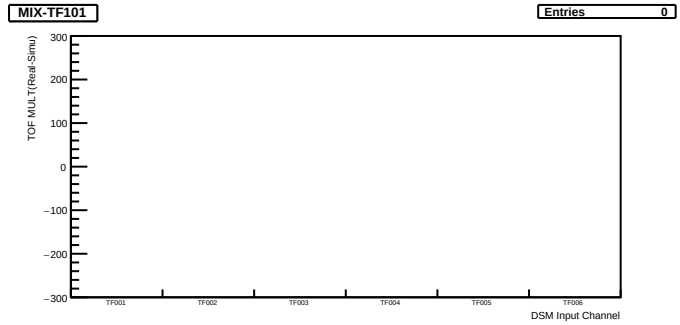

MIX-TF003
Entries 1.144672e+07
TOF MULT
TOF tray

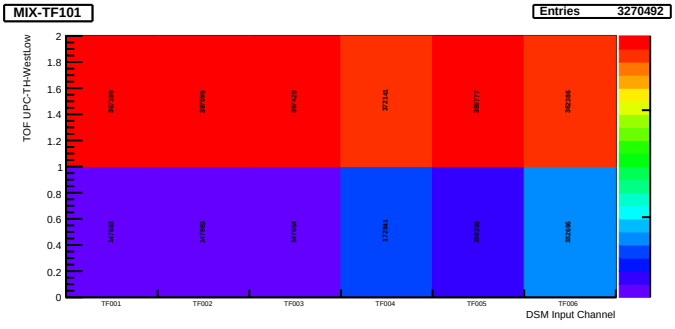

MIX-TF004
Entries 1.144672e+07
TOF MULT
TOF tray

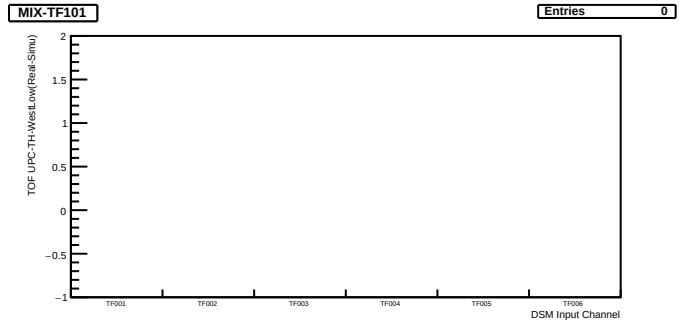

MIX-TF005
Entries 1.144672e+07
TOF MULT
TOF tray

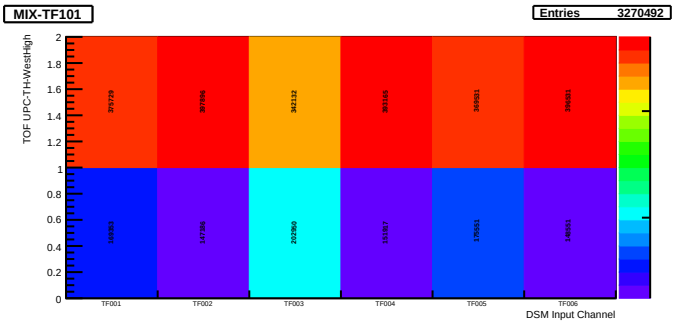

MIX-TF006
Entries 1.144672e+07
TOF MULT
TOF tray

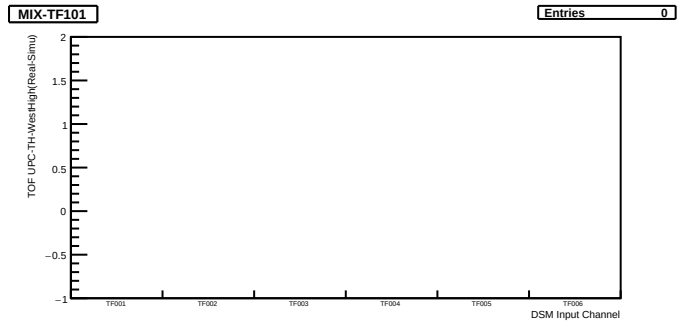

MIX-TF101
Entries 3270492
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

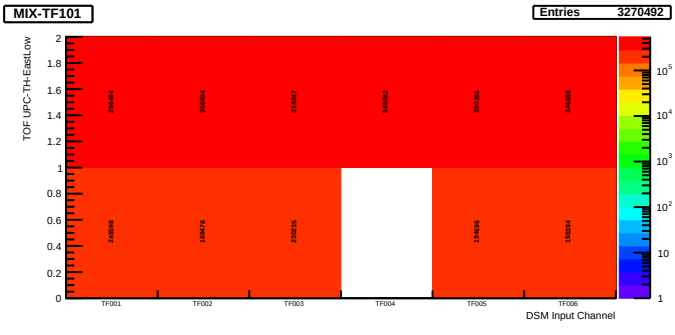

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

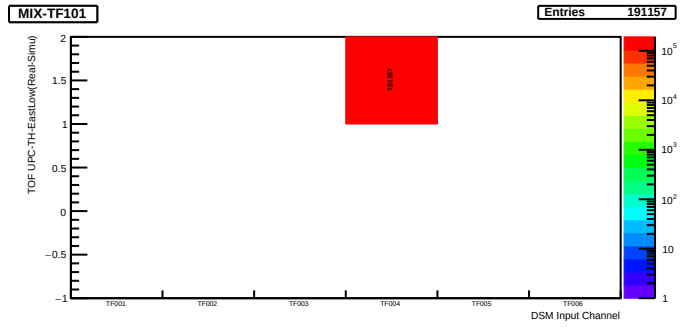

MIX-TF101
Entries 3270492
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

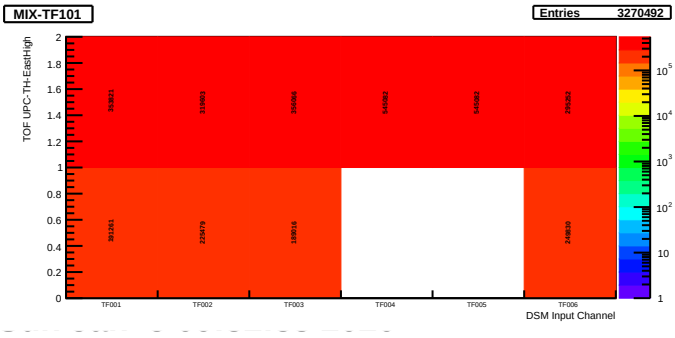

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

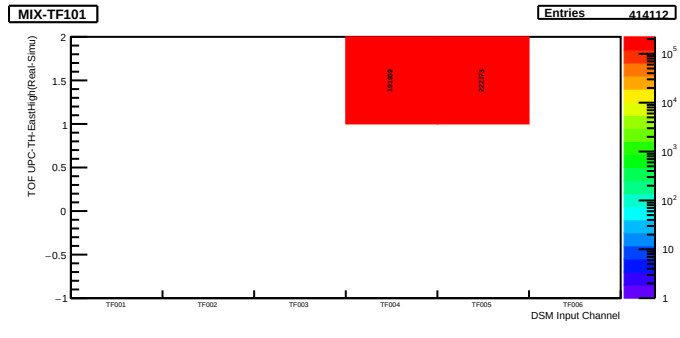

MIX-TF101
Entries 3270492
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

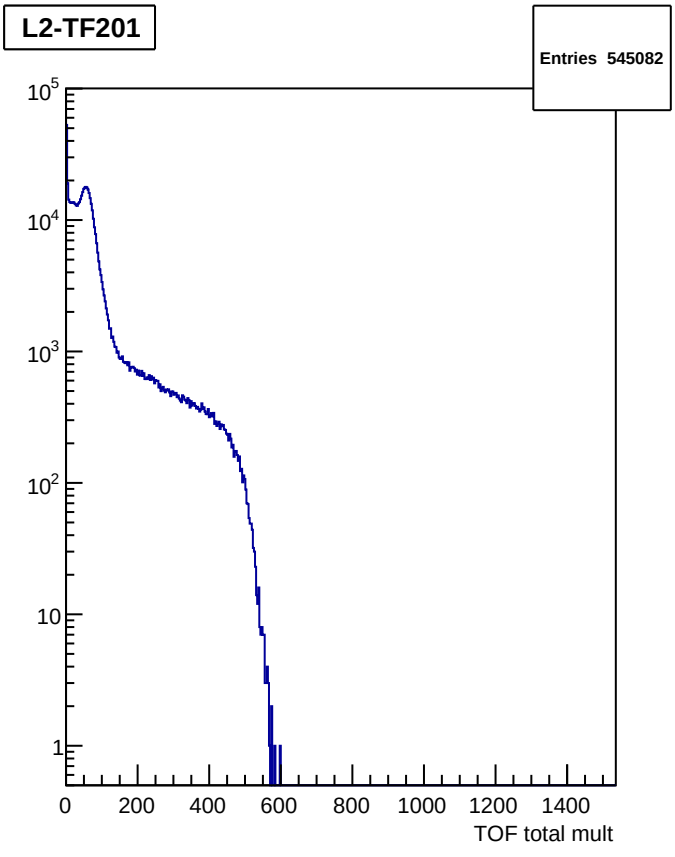

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

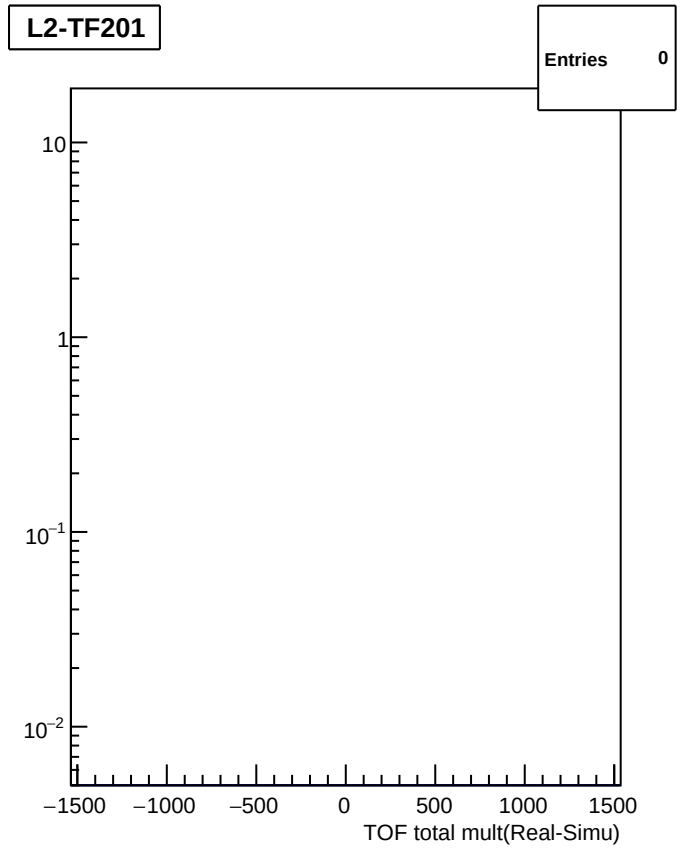

MIX-TF101
Entries 3270492
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

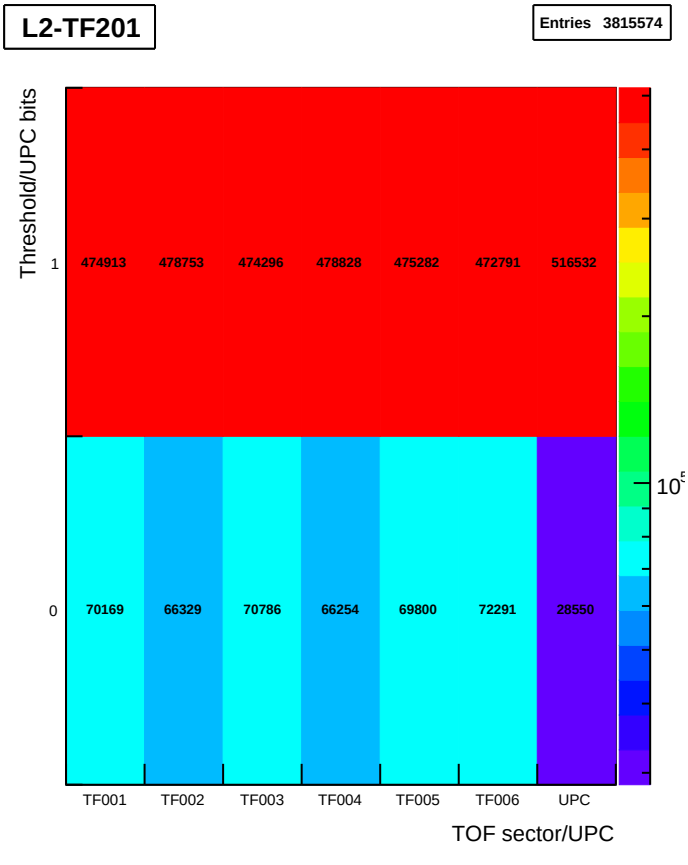

MIX-TF101
Entries 191157
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

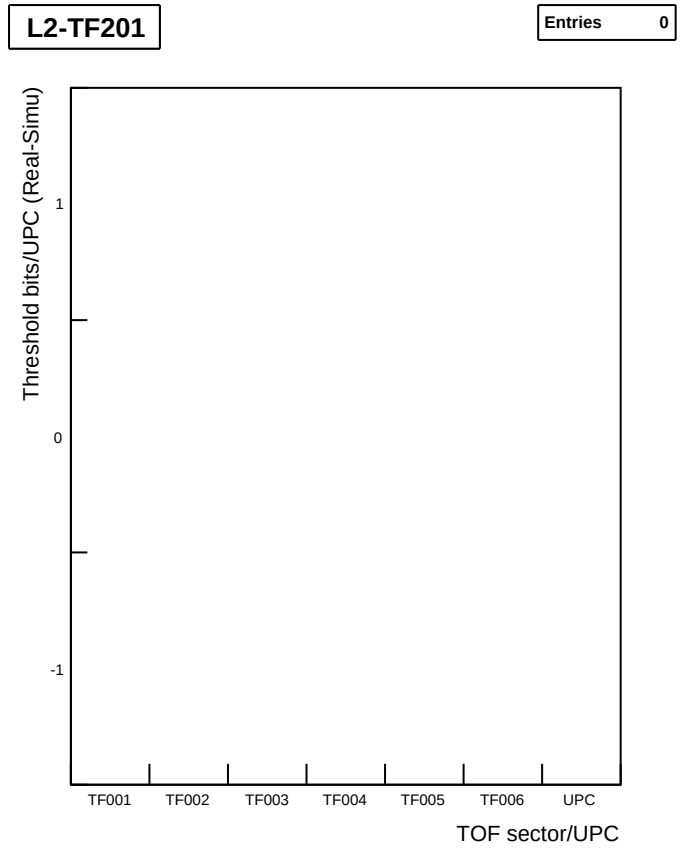

MIX-TF101
Entries 3270492
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

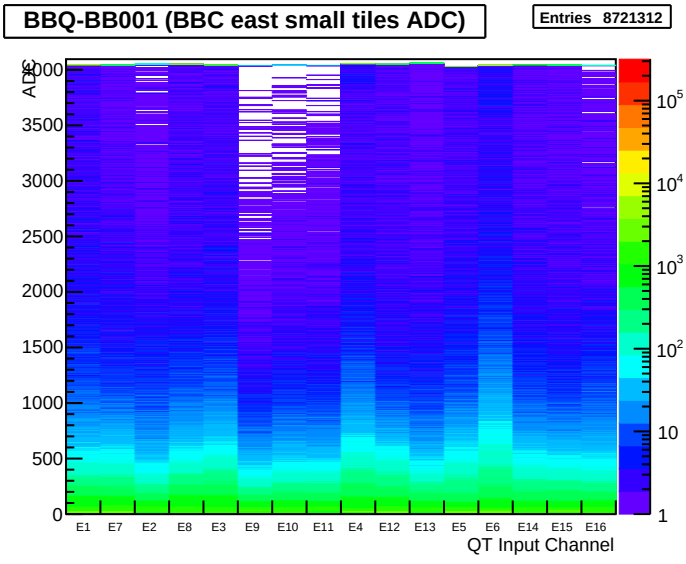

MIX-TF101
Entries 414112
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

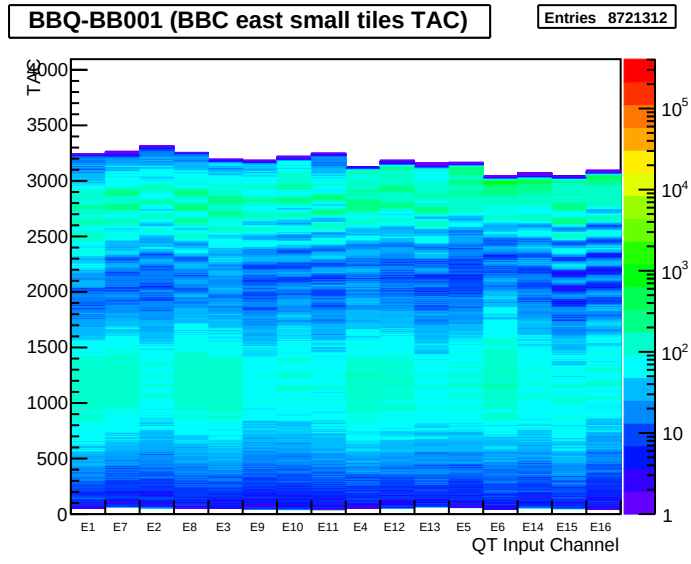

L2-TF201
Entries 545082
TOF total mult

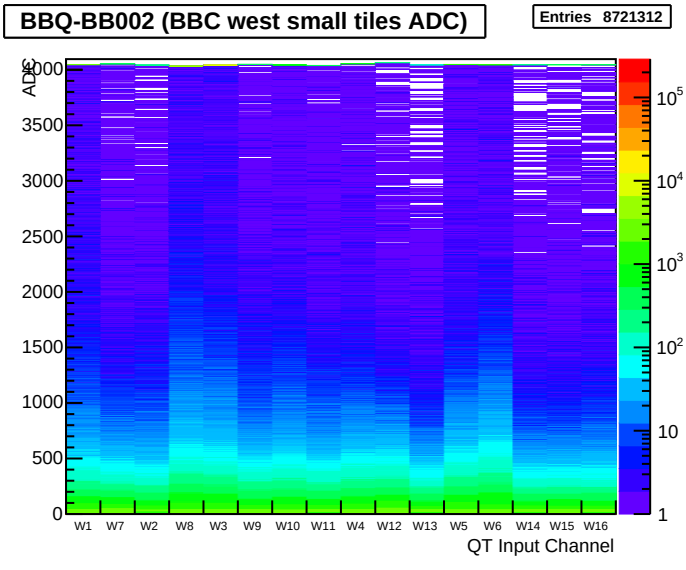

L2-TF201
Entries 0
TOF total mult(Real-Simu)

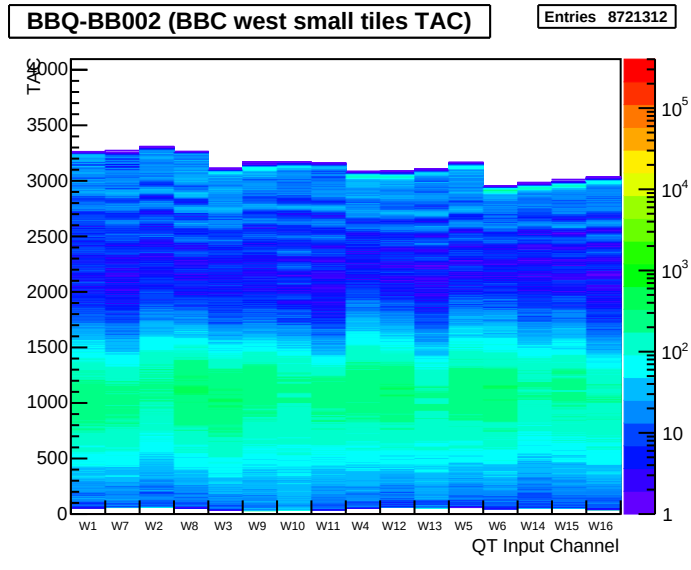

L2-TF201
Entries 3815574
Threshold/UPC bits
474913
478753
474296
478828
475282
472791
516532
70169
66329
70786
66254
69800
72291
28550
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

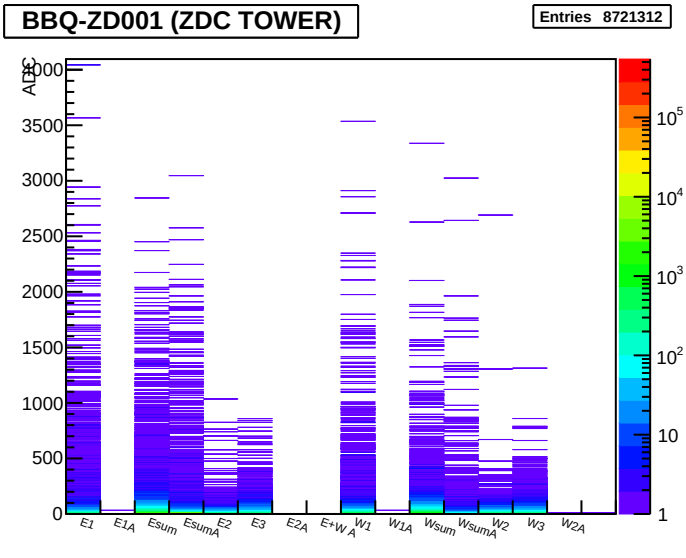

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

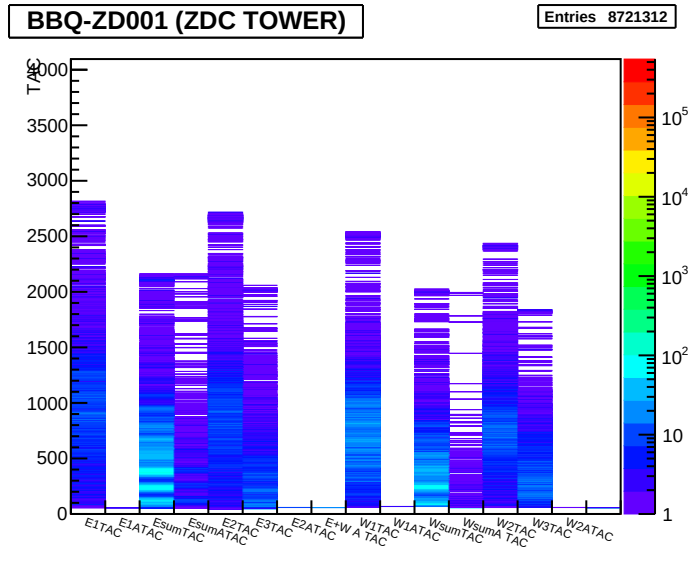

BBQ-BB001 (BBC east small tiles ADC)
Entries 8721312
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

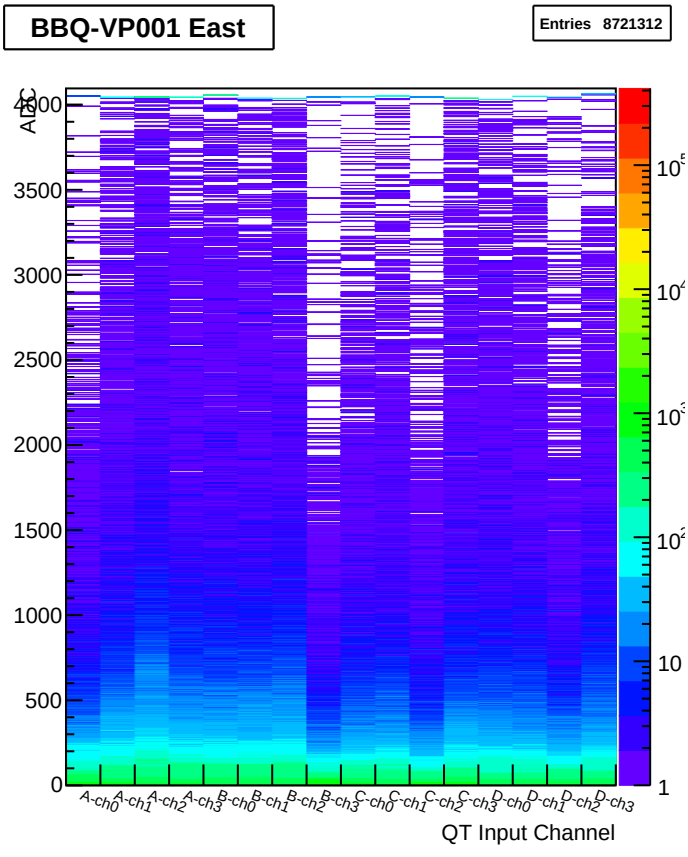

BBQ-BB001 (BBC east small tiles TAC)
Entries 8721312
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

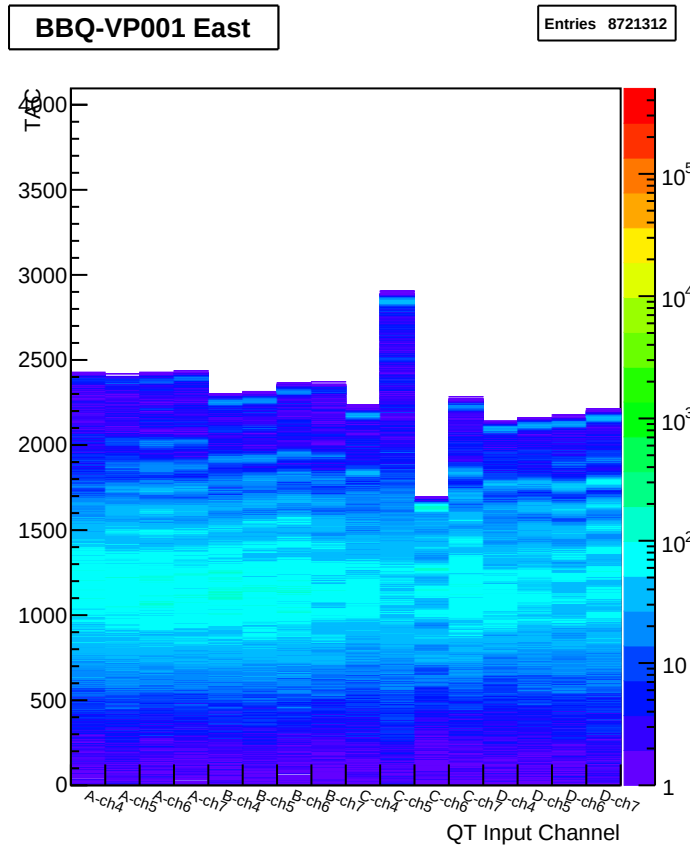

BBQ-BB002 (BBC west small tiles ADC)
Entries 8721312
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

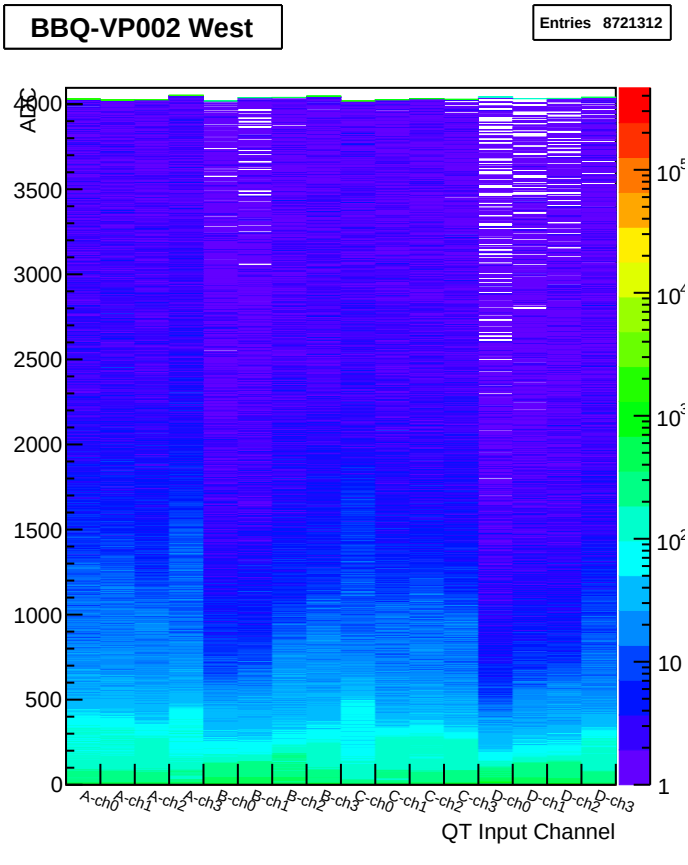

BBQ-BB002 (BBC west small tiles TAC)
Entries 8721312
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

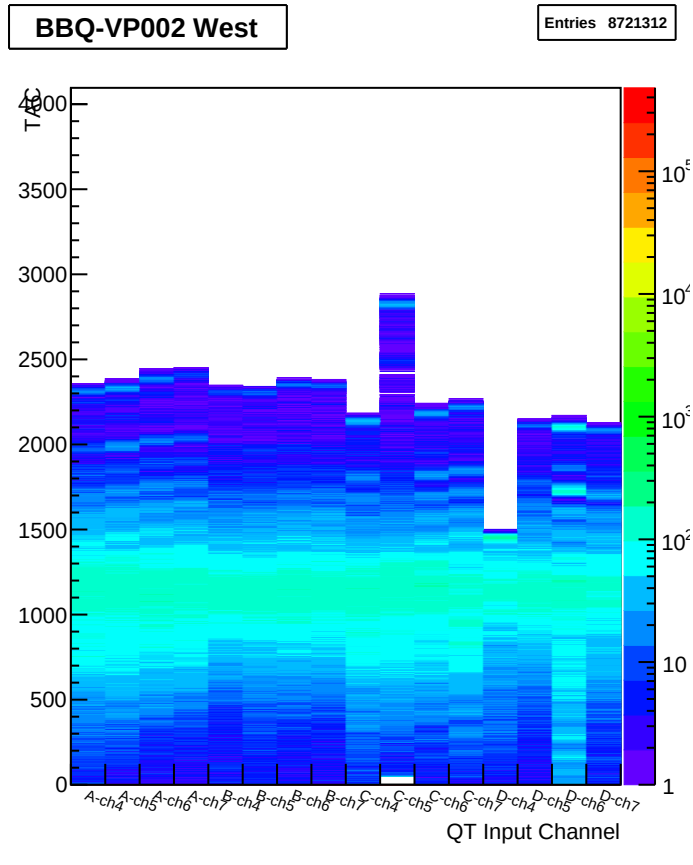

BBQ-ZD001 (ZDC TOWER)
Entries 8721312
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

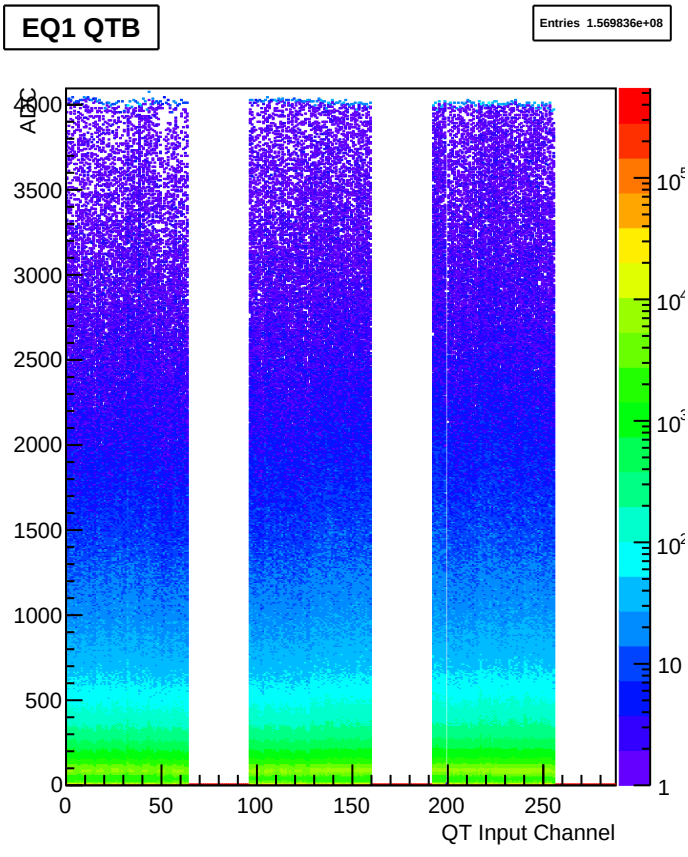

BBQ-ZD001 (ZDC TOWER)
Entries 8721312
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

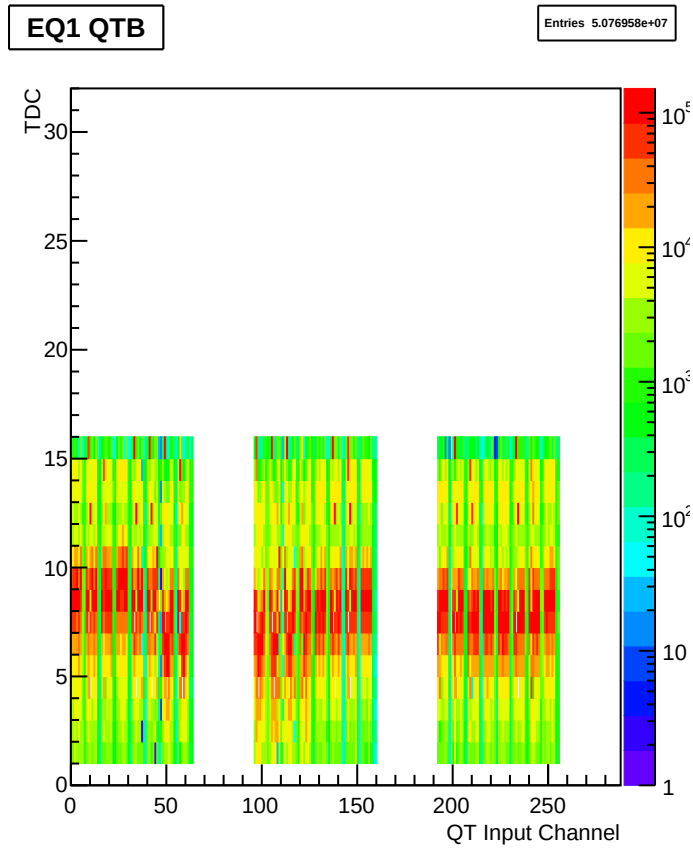

BBQ-VP001 East
Entries 8721312
ADC
QT Input Channel

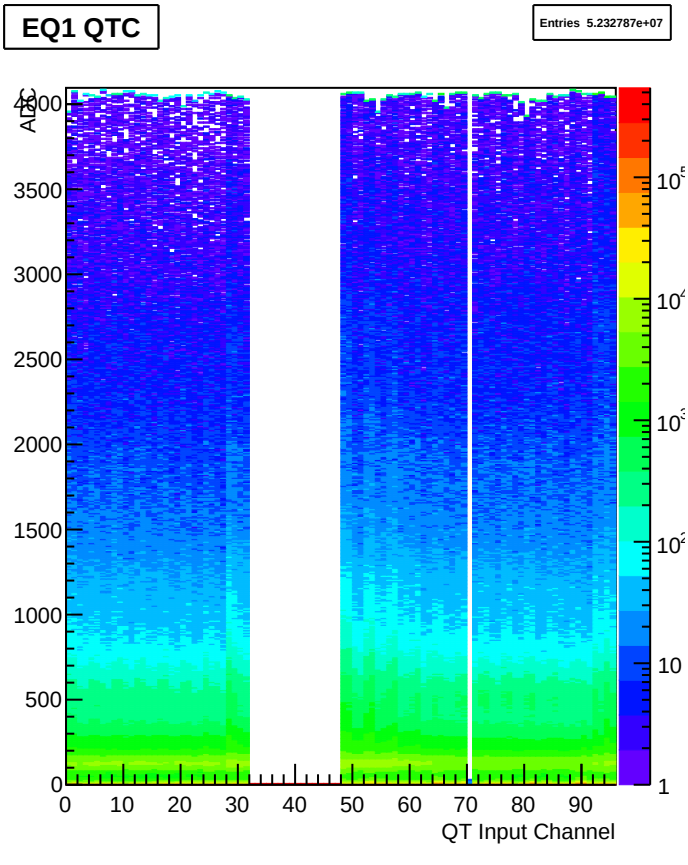

BBQ-VP001 East
Entries 8721312
TADC
QT Input Channel

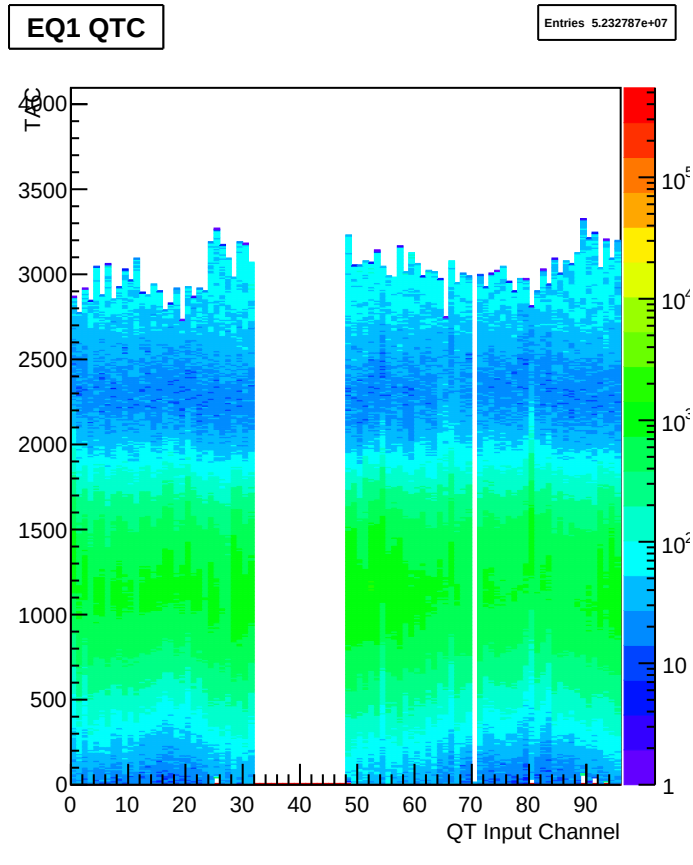

BBQ-VP002 West
Entries 8721312
ADC
QT Input Channel

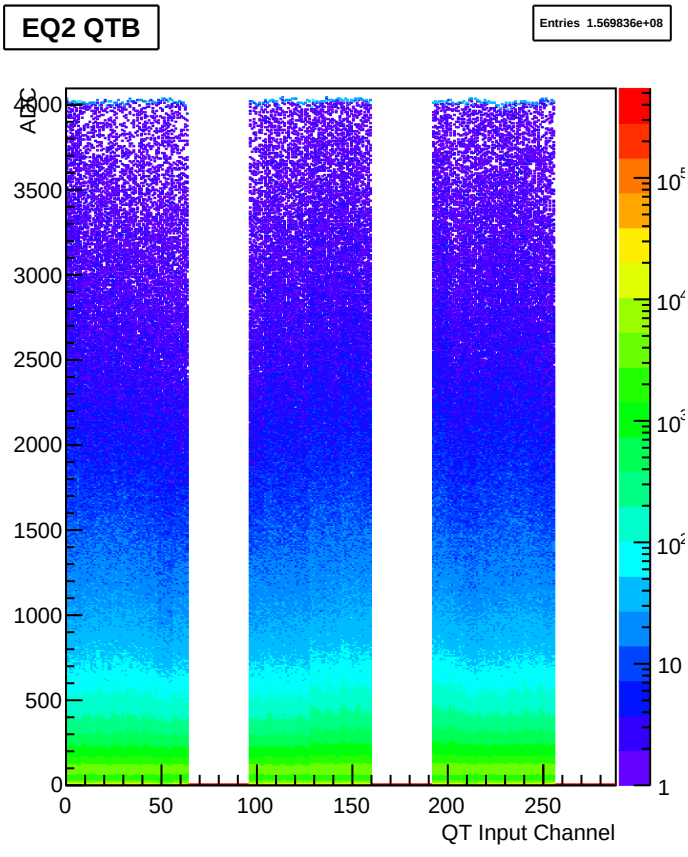

BBQ-VP002 West
Entries 8721312
TADC
QT Input Channel

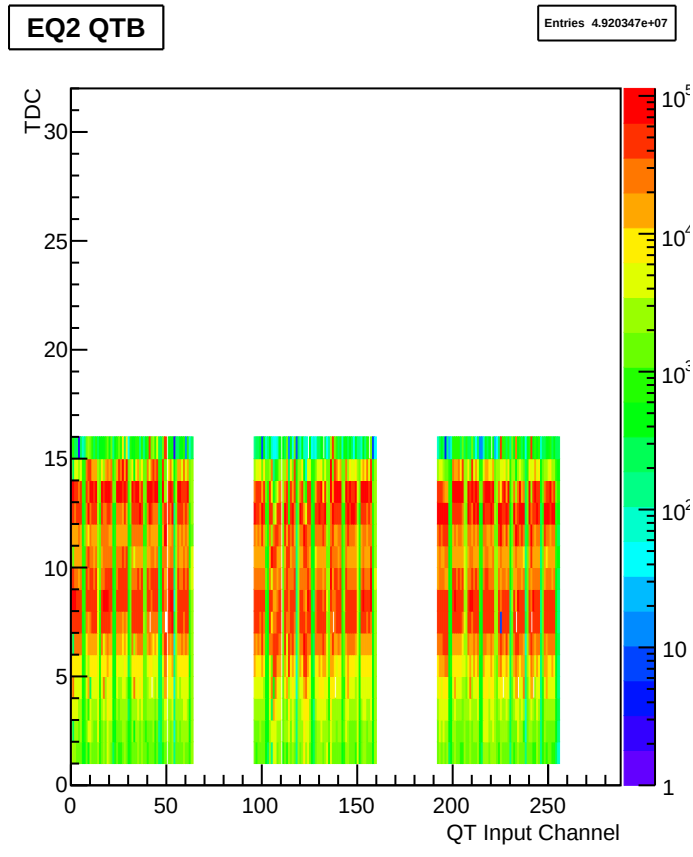

EQ1 QTB
Entries 1.569836e+08
ADC
QT Input Channel

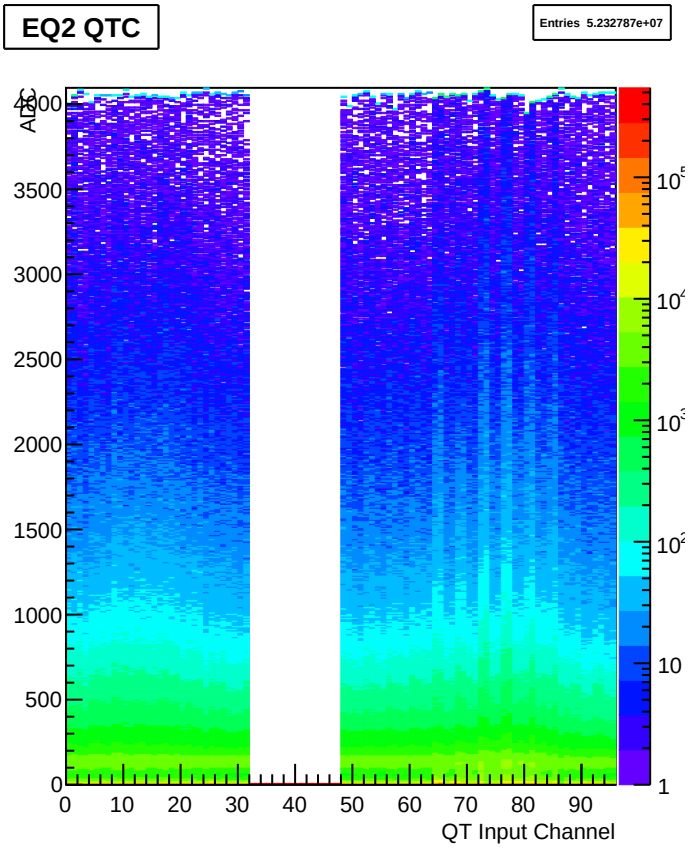

EQ1 QTB
Entries 5.076958e+07
TDC
QT Input Channel

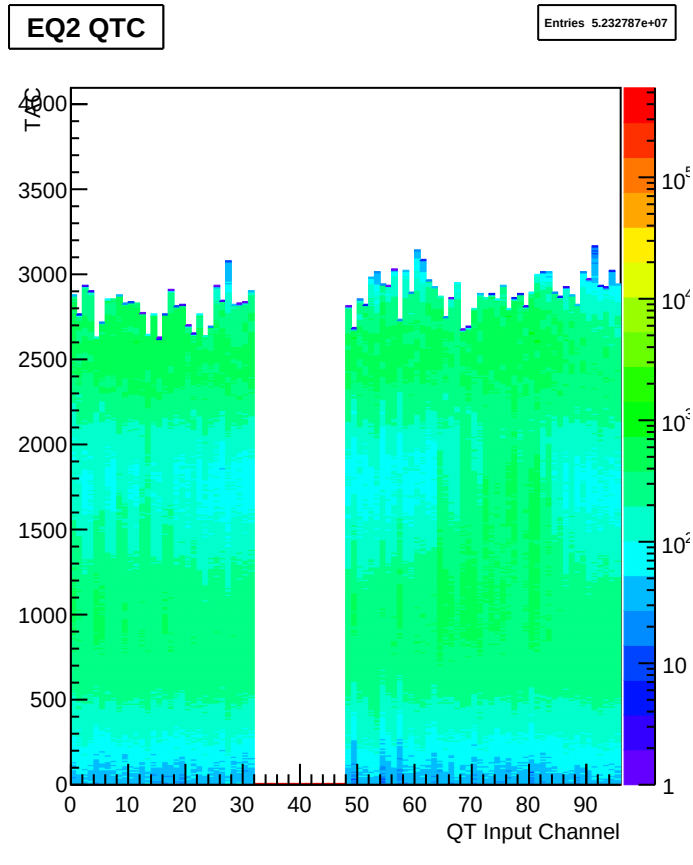

EQ1 QTC
Entries 5.232787e+07
ADC
QT Input Channel

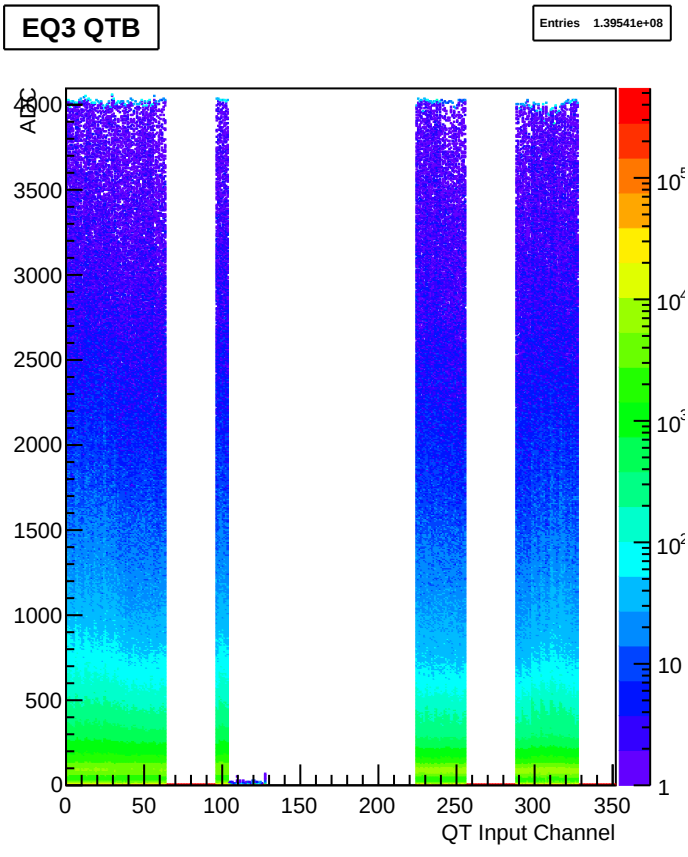

EQ1 QTC
Entries 5.232787e+07
TADC
QT Input Channel

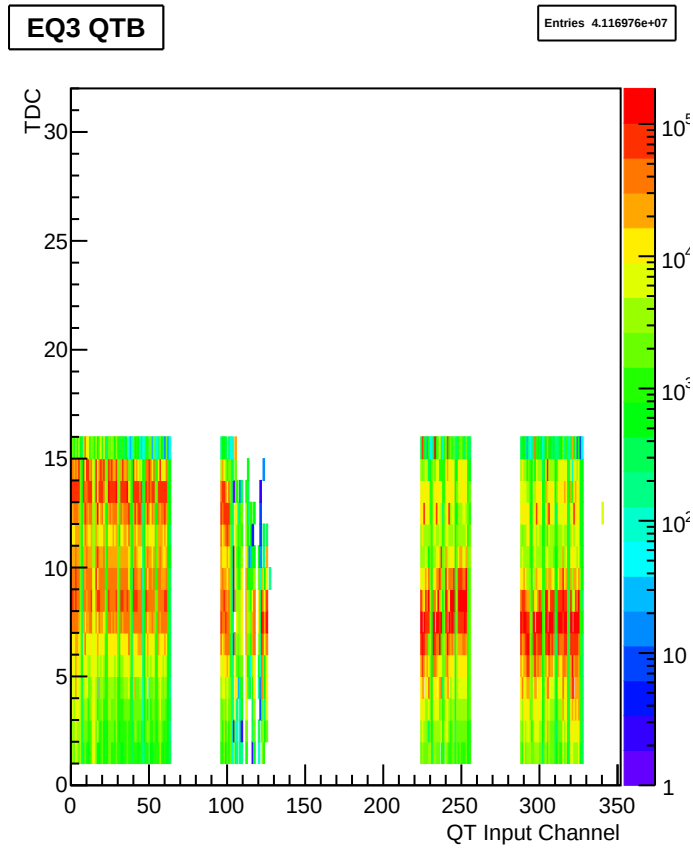

EQ2 QTB
Entries 1.569836e+08
ADC
QT Input Channel

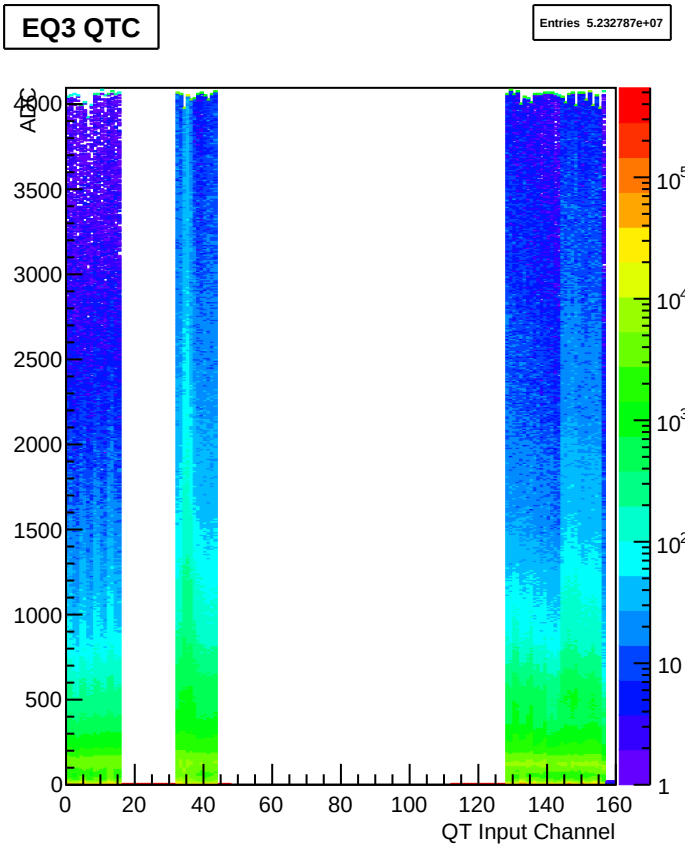

EQ2 QTB
Entries 4.920347e+07
TDC
QT Input Channel

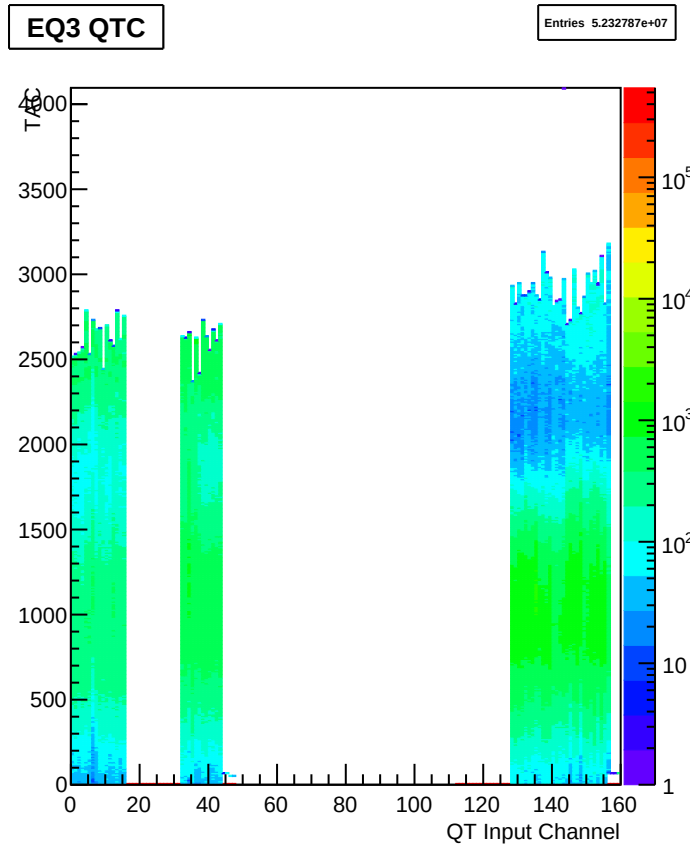

EQ2 QTC
Entries 5.232787e+07
ADC
QT Input Channel

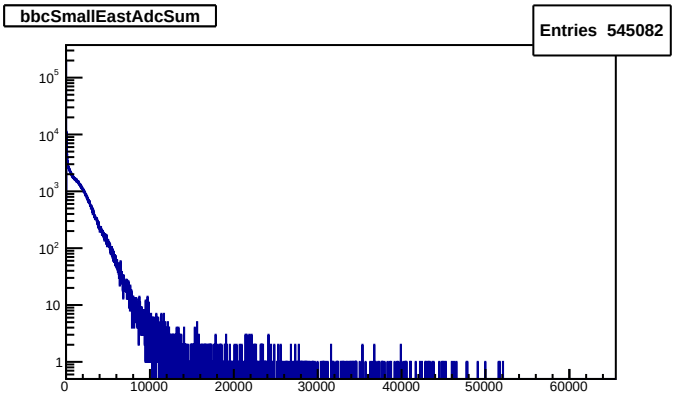

EQ2 QTC
Entries 5.232787e+07
TADC
QT Input Channel

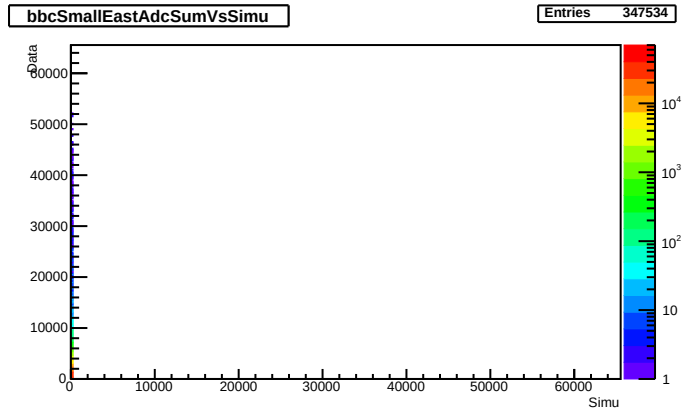

EQ3 QTB
Entries 1.39541e+08
ADC
QT Input Channel

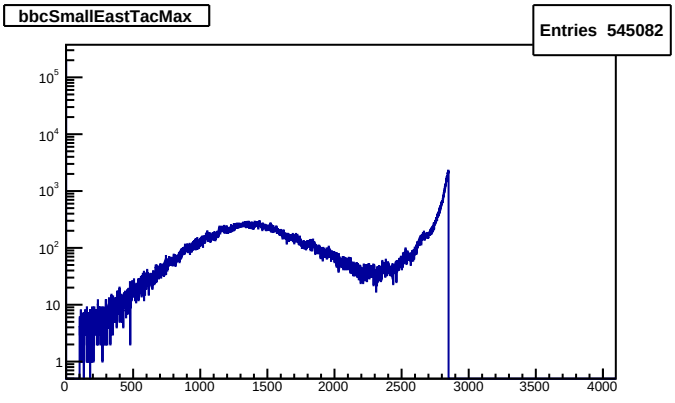

EQ3 QTB
Entries 4.116976e+07
TDC
QT Input Channel

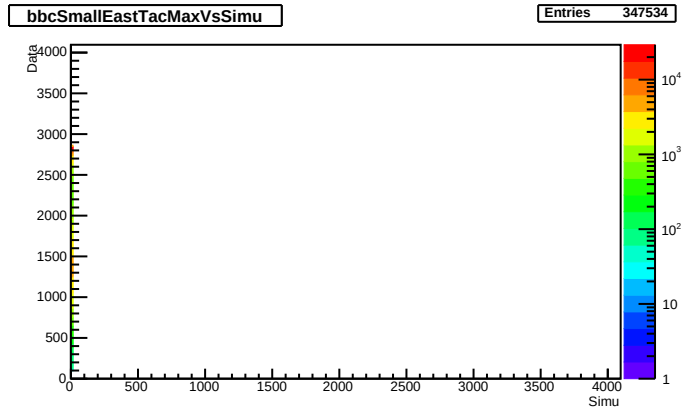

EQ3 QTC
Entries 5.232787e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.232787e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 545082


bbcSmallEastAdcSumVsSimu
Entries 347534
Data
Simu


bbcSmallEastTacMax
Entries 545082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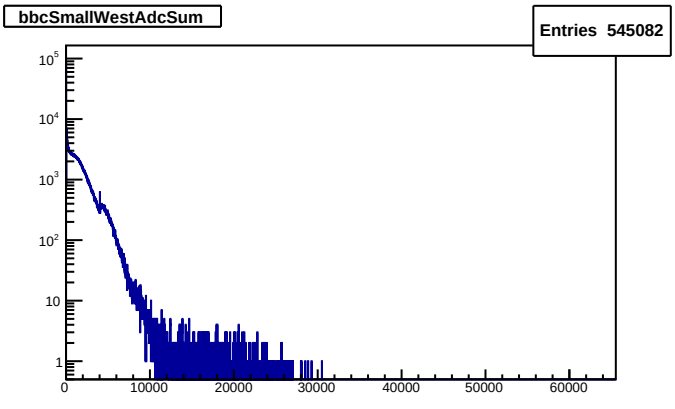
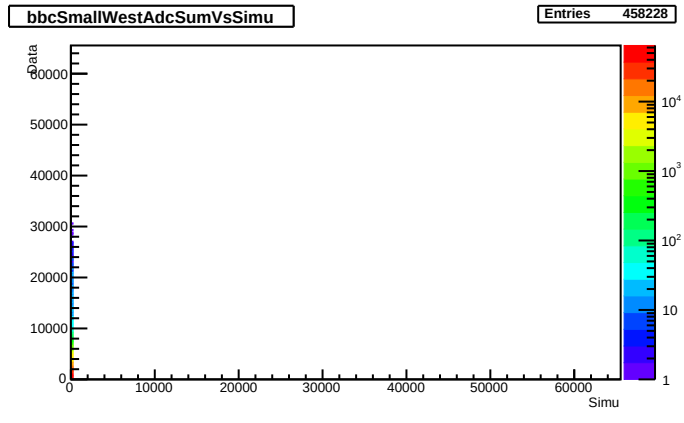
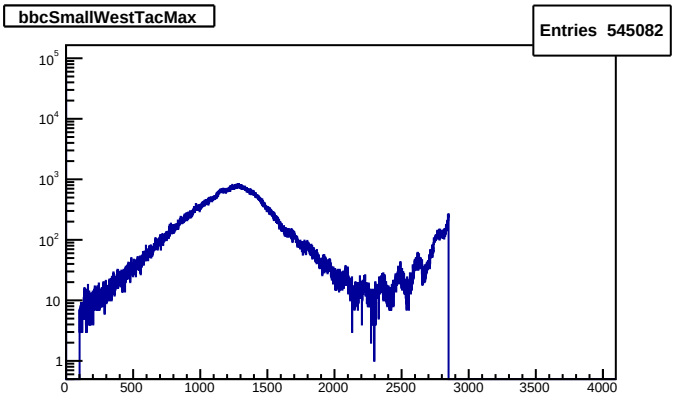
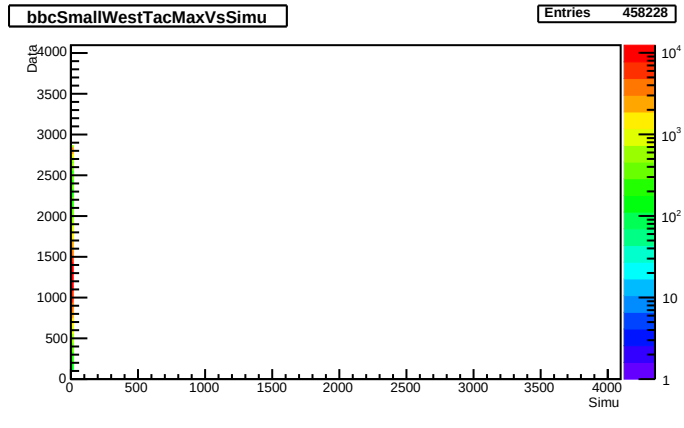
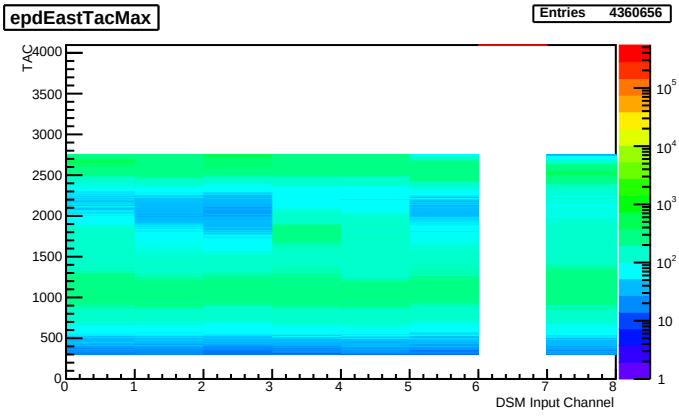
Entries 347534
Data
Simu

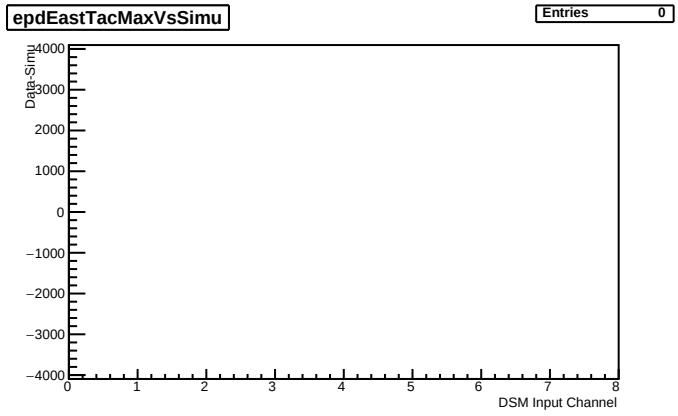

bbcSmallWestAdcSum
Entries 545082

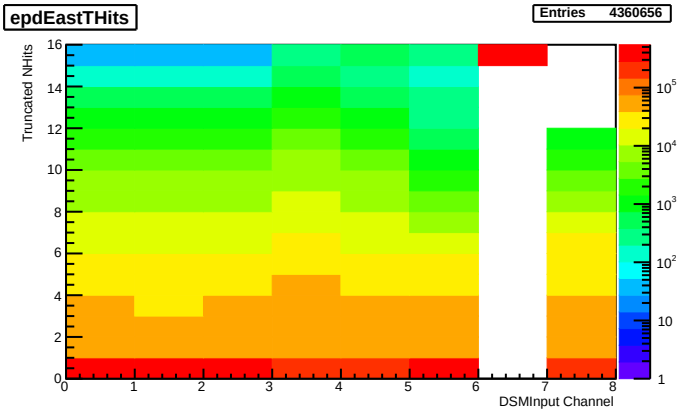

bbcSmallWestAdcSumVsSimu
Entries 458228
Data
Simu

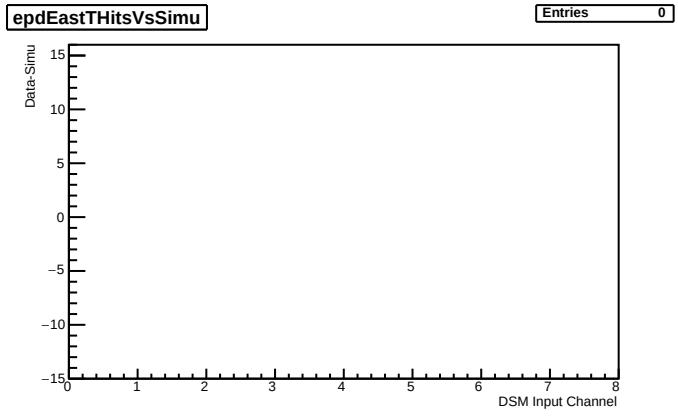

bbcSmallWestTacMax
Entries 545082

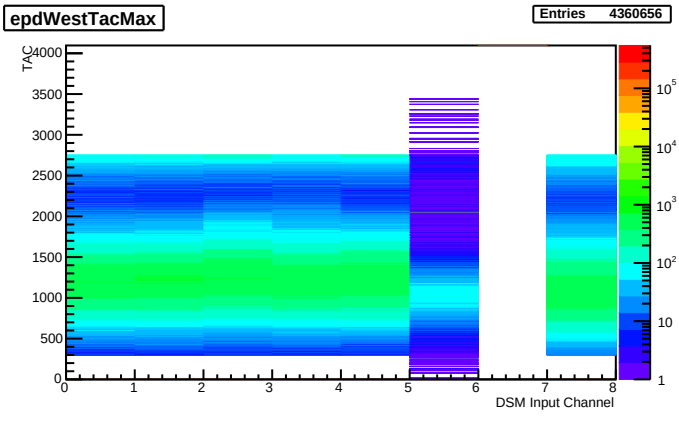

bbcSmallWestTacMaxVsSimu
Entries 458228
Data
Simu

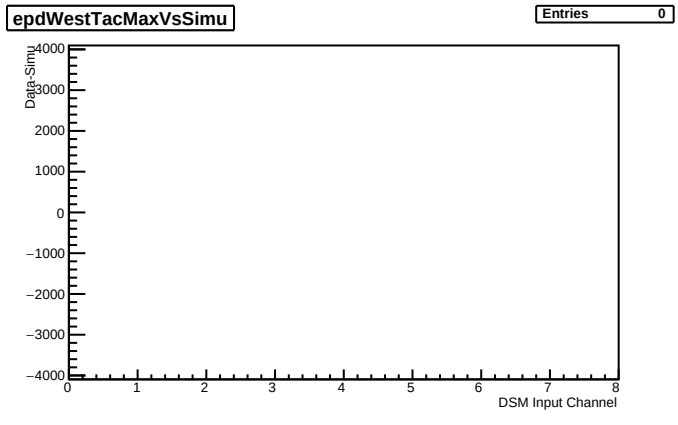

epdEastTacMax
Entries 4360656
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4360656
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4360656
TAC
DSM Input Channel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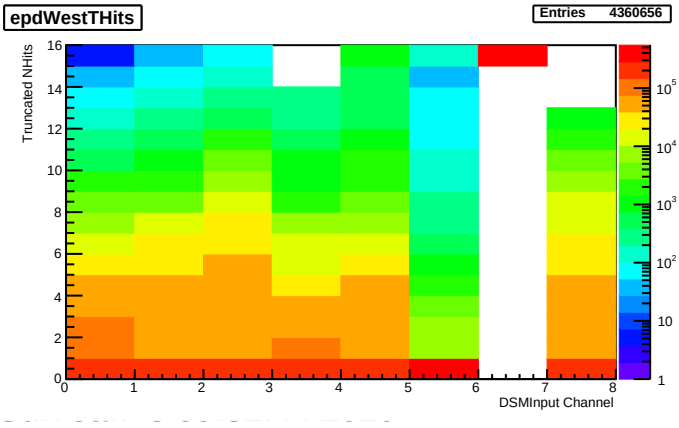
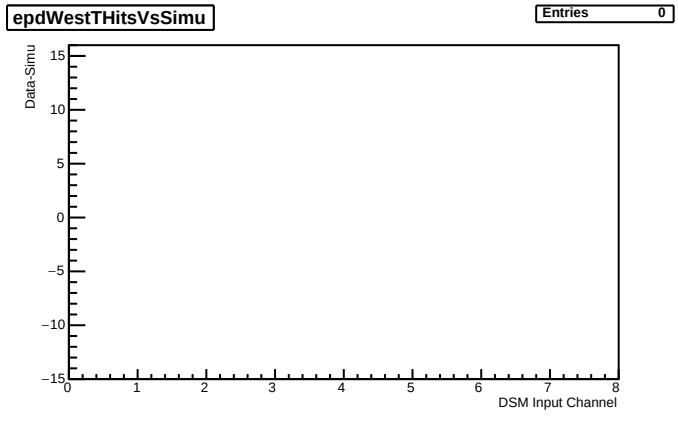
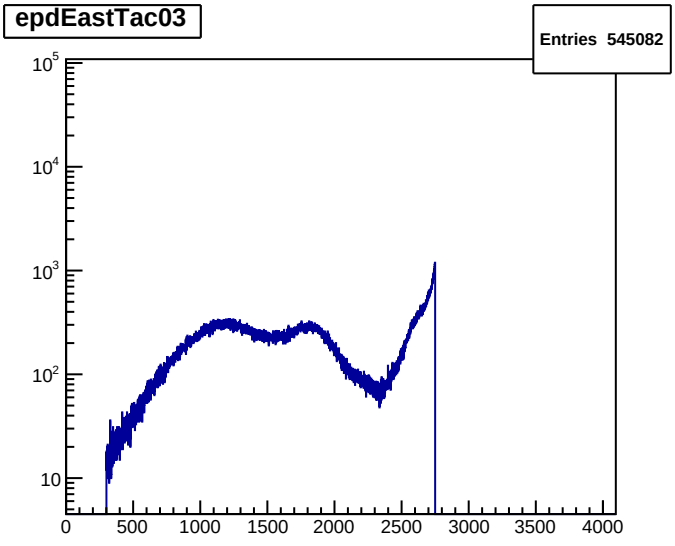
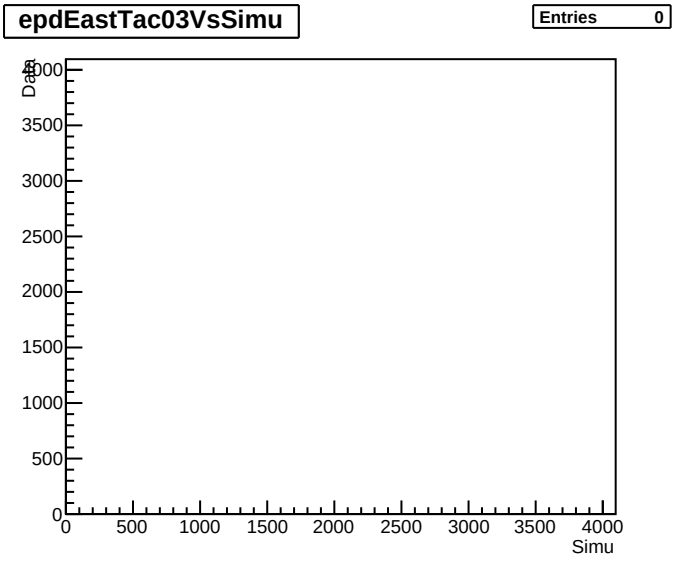
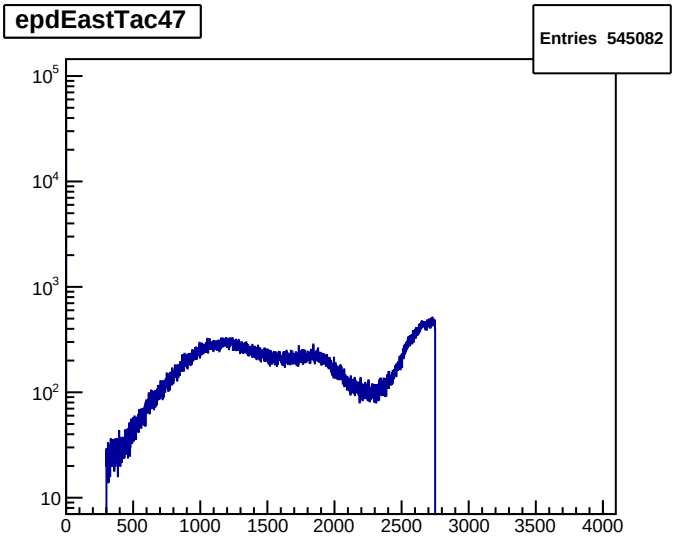
Entries 0
Data-Simu
DSM Input Channel

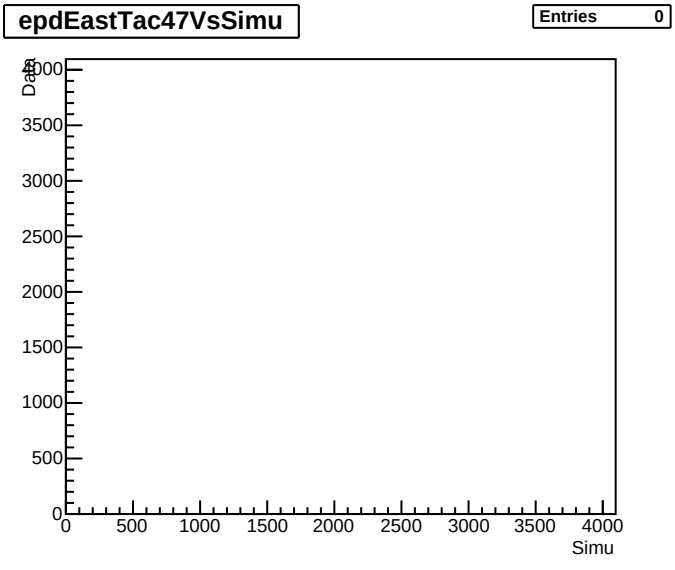

epdWestTHits
Entries 4360656
Truncated NHits
DSMInput Channel

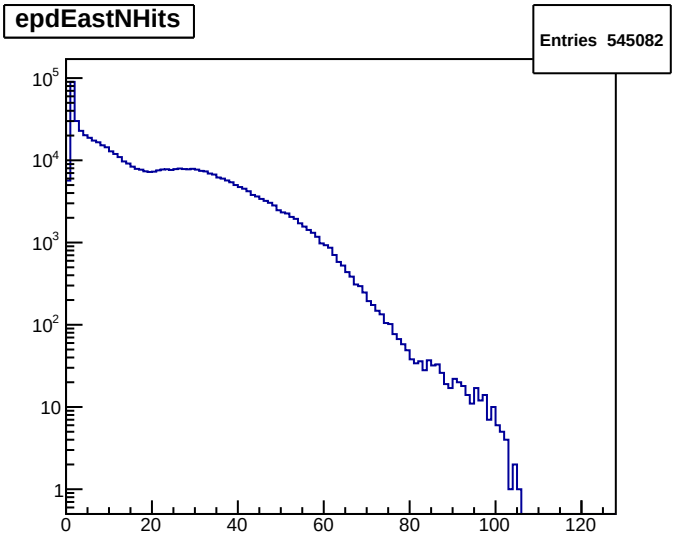

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

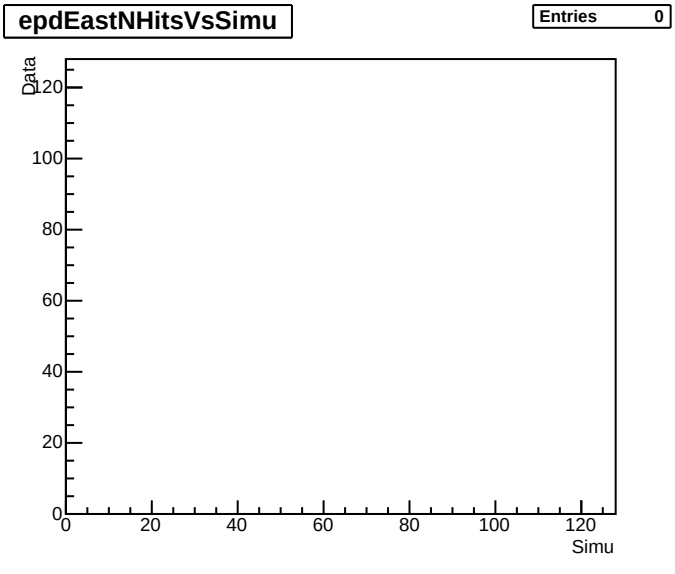

epdEastTac03
Entries 545082


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 545082


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 545082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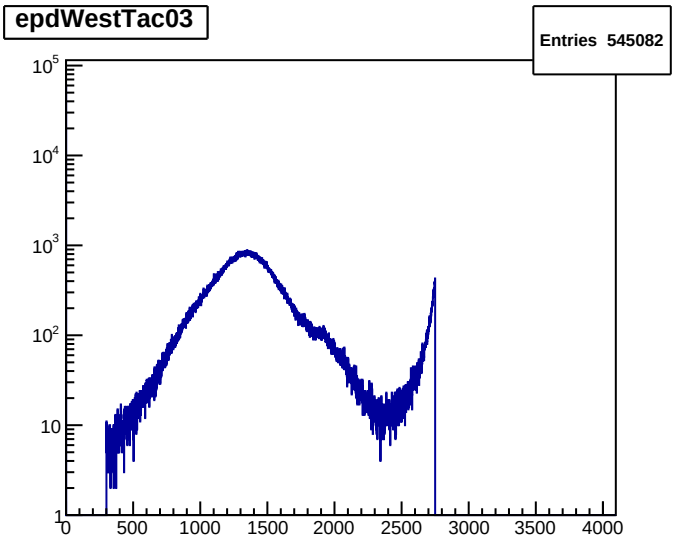
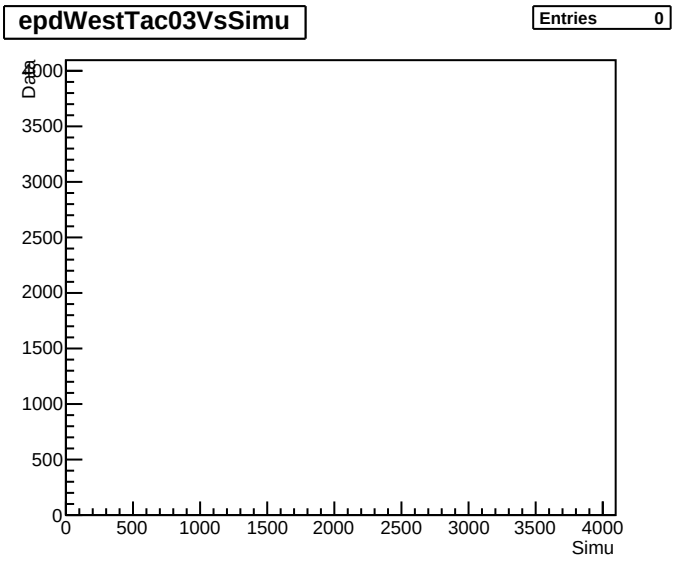
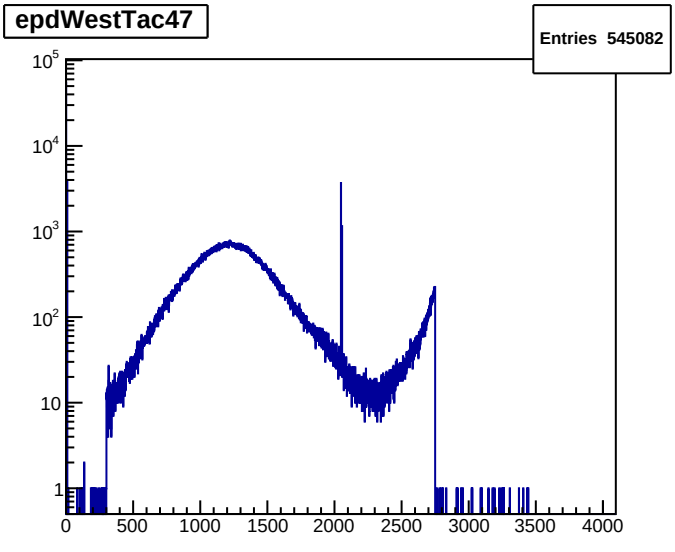
Entries 0
Data
Simu


epdWestTac03
Entries 545082


epdWestTac03VsSimu
Entries 0
Data
Simu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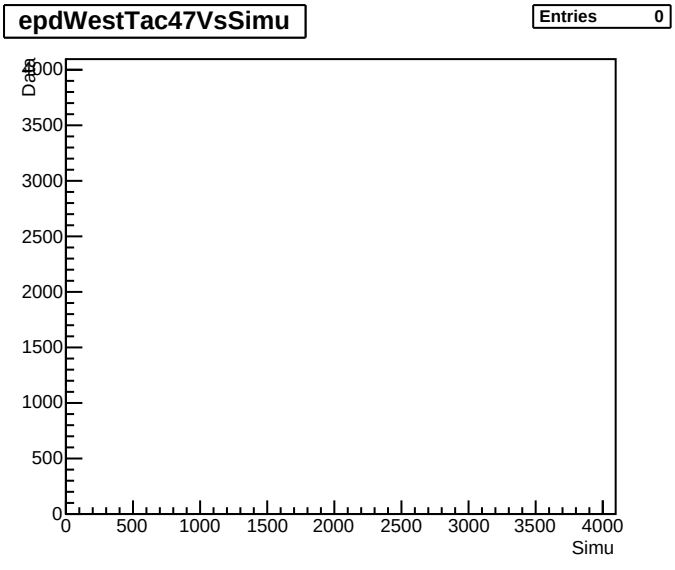
Entries 545082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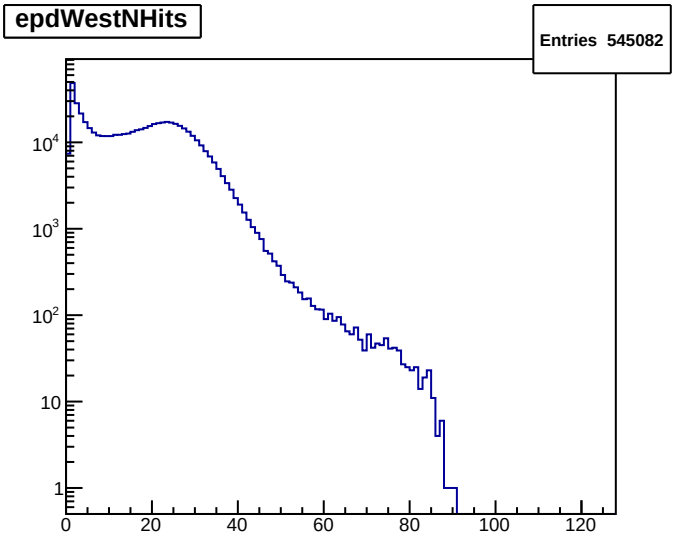
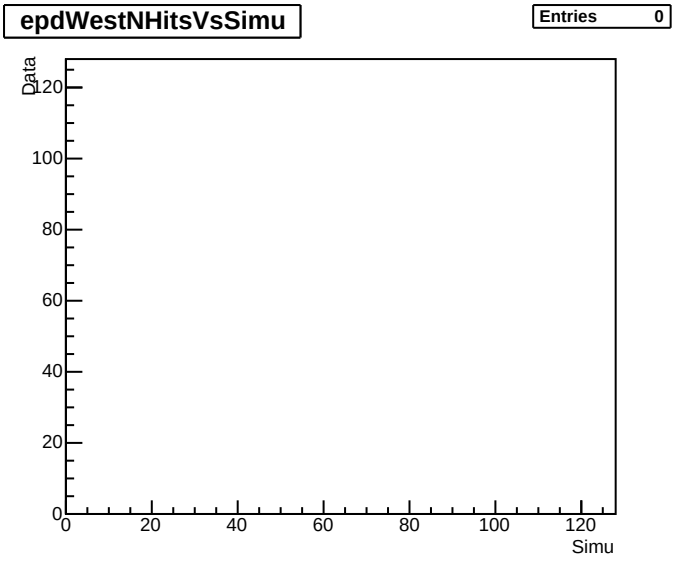
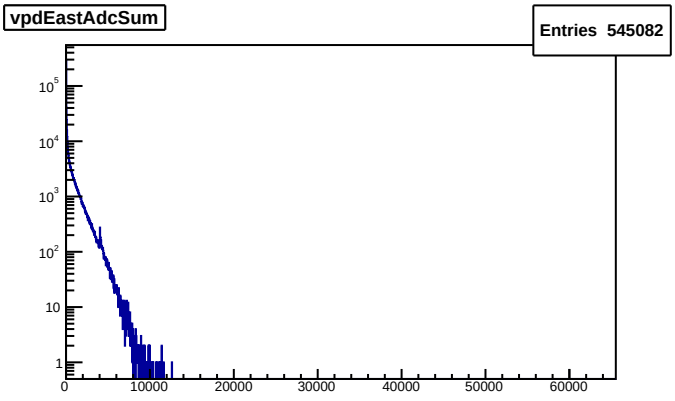
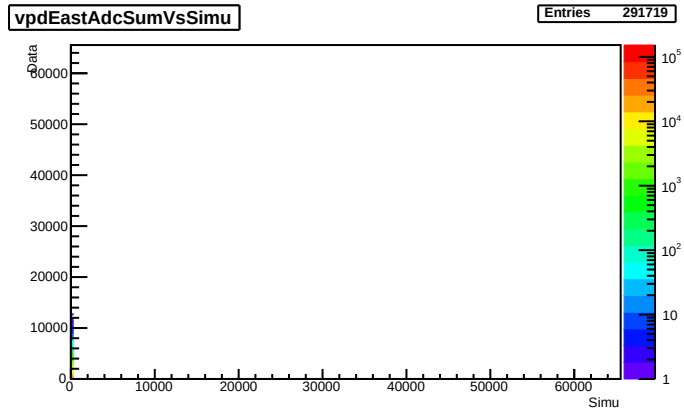
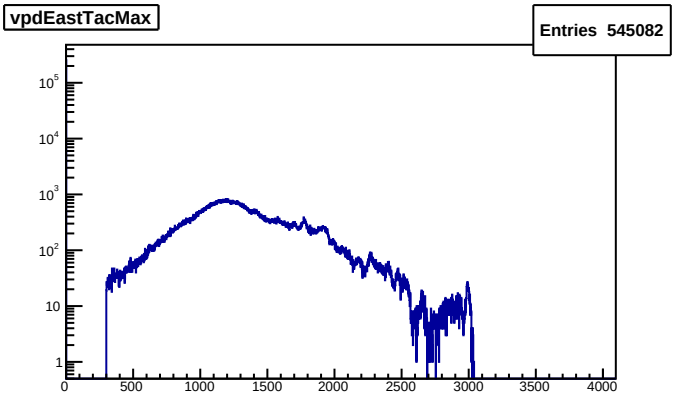
Entries 0
Data
Simu

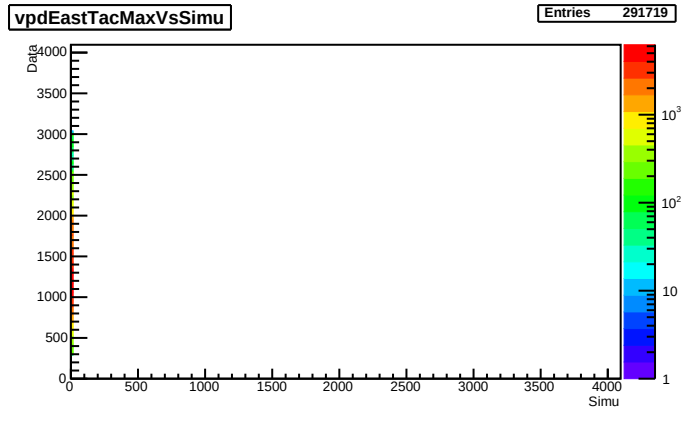

epdWestNHits
Entries 545082

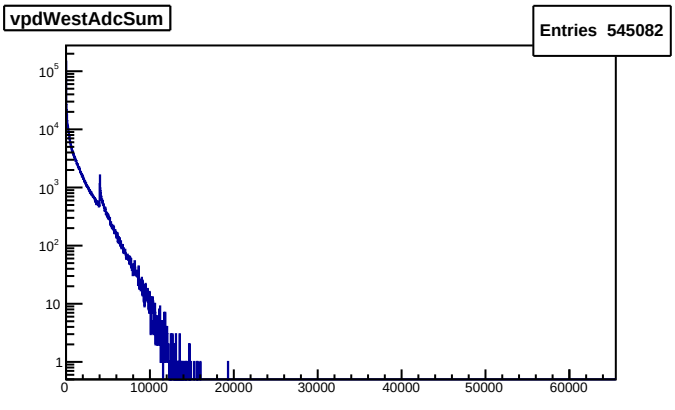

epdWestNHitsVsSimu
Entries 0
Data
Simu

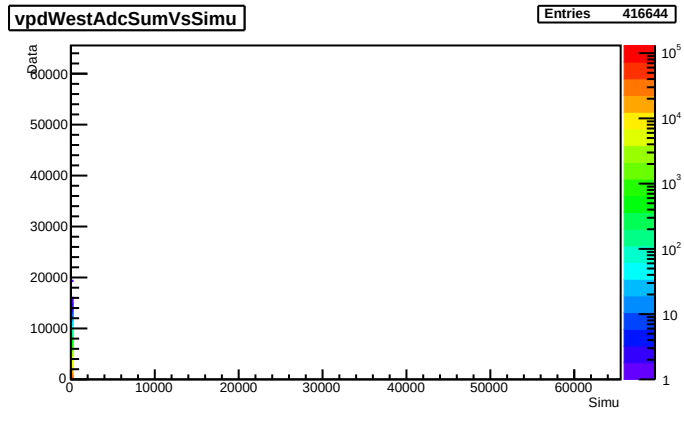

vpdEastAdcSum
Entries 545082

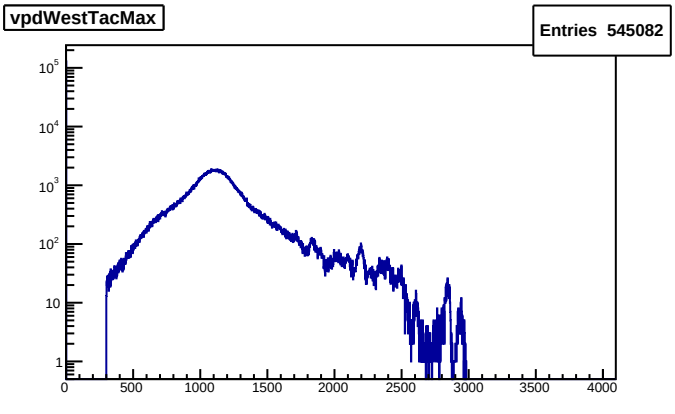

vpdEastAdcSumVsSimu
Entries 291719
Data
Simu

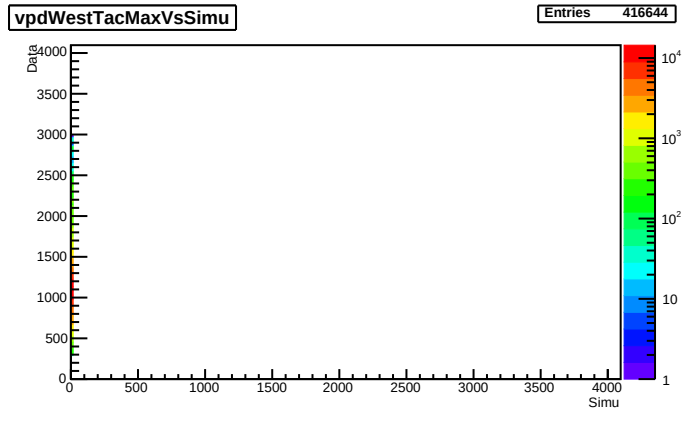

vpdEastTacMax
Entries 545082

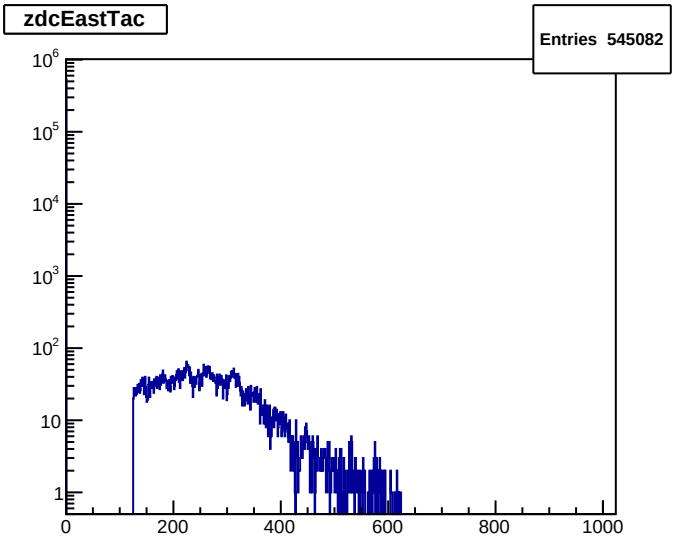

vpdEastTacMaxVsSimu
Entries 291719
Data
Simu

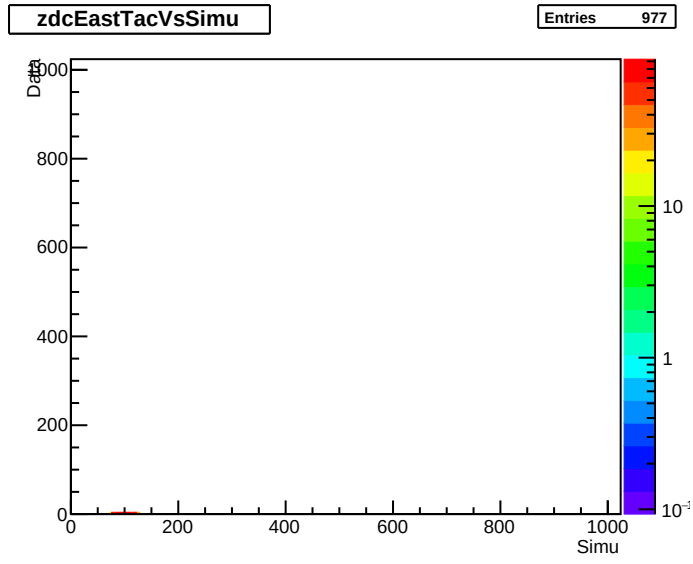

vpdWestAdcSum
Entries 545082

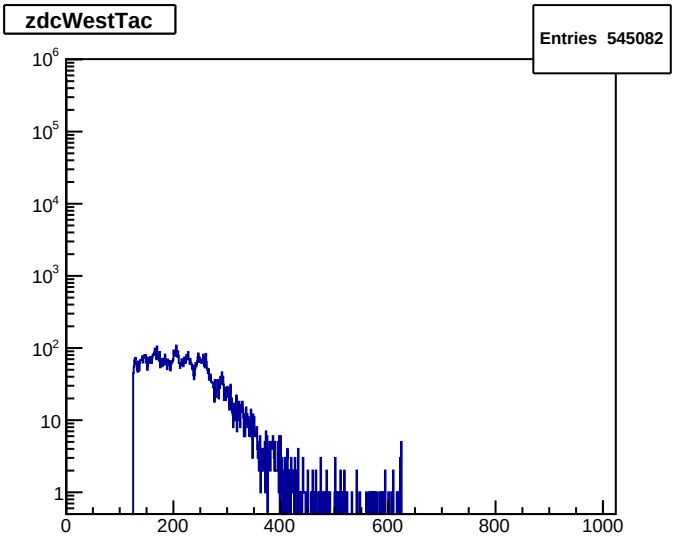

vpdWestAdcSumVsSimu
Entries 416644
Data
Simu

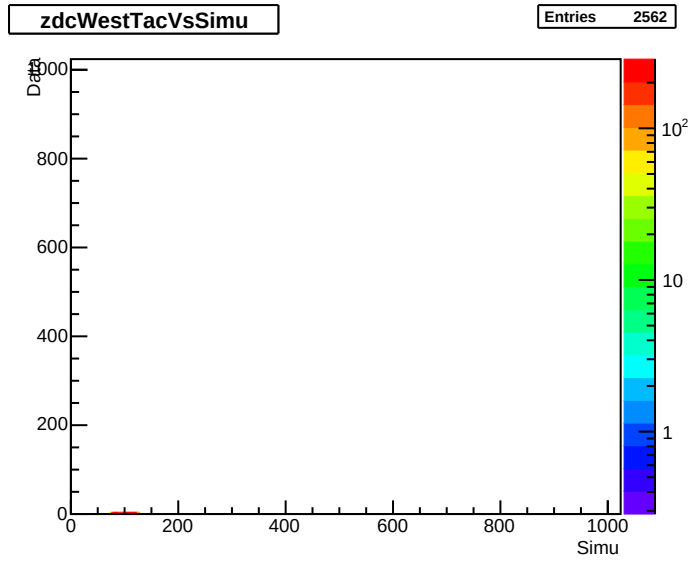

vpdWestTacMax
Entries 545082

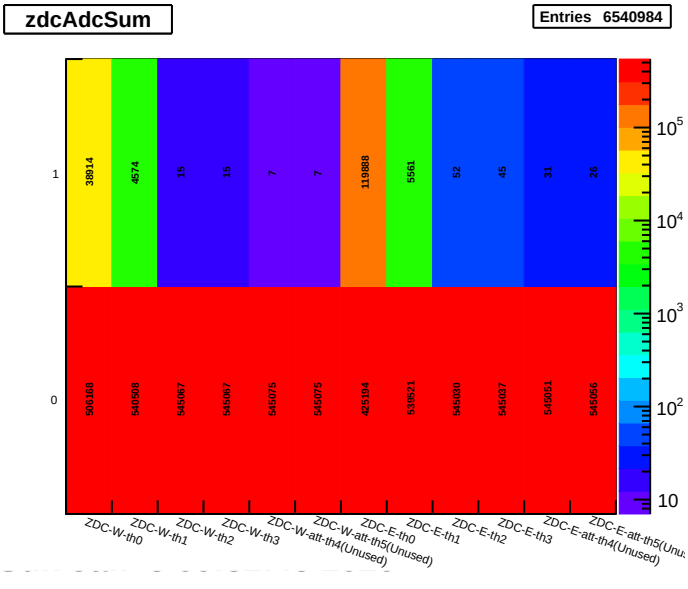

vpdWestTacMaxVsSimu
Entries 416644
Data
Simu

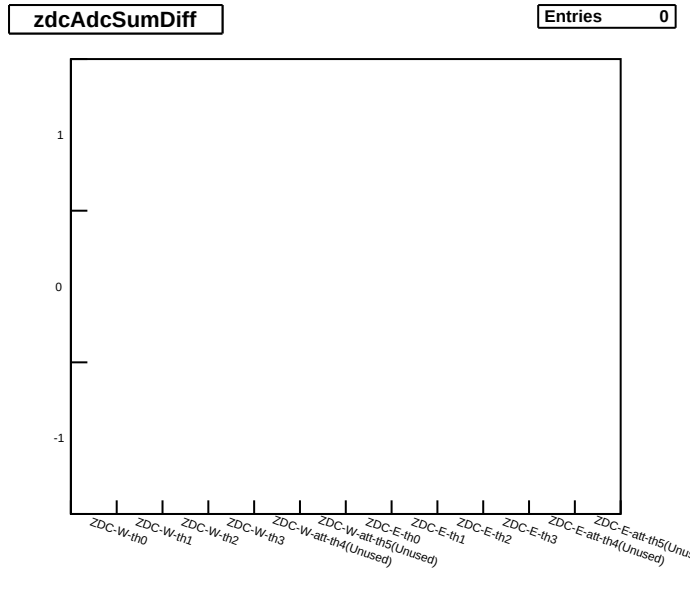

zdcEastTac
Entries 545082

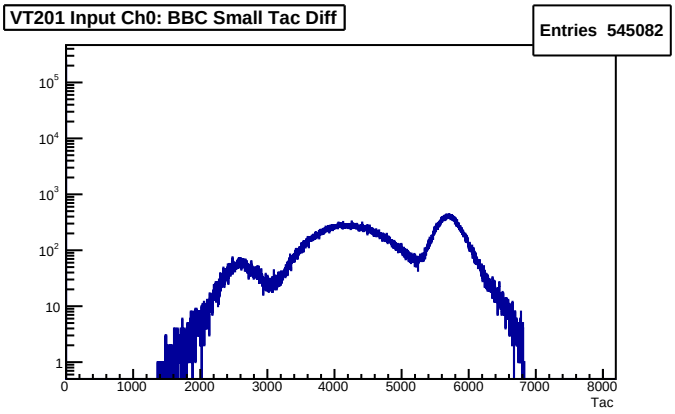

zdcEastTacVsSimu
Entries 977
Data
Simu

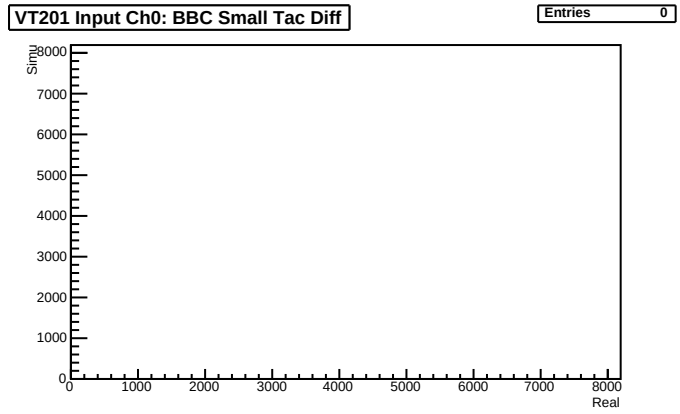

zdcWestTac
Entries 545082

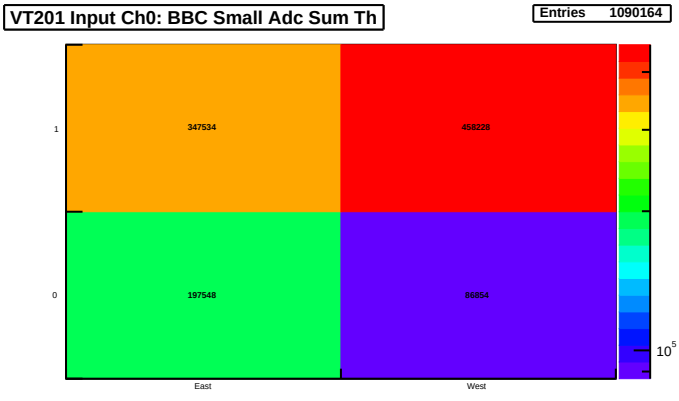

zdcWestTacVsSimu
Entries 2562
Data
Simu

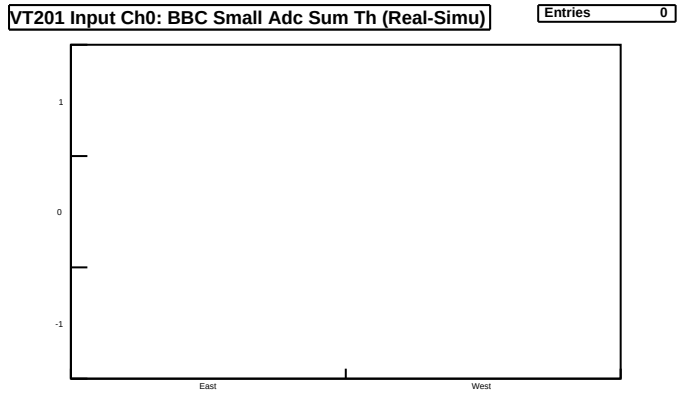

zdcAdcSum
Entries 6540984
38914
4574
15
15
7
7
119888
5561
52
45
31
26
506168
540508
545067
545067
545075
545075
425194
539521
545030
545037
545051
545066
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

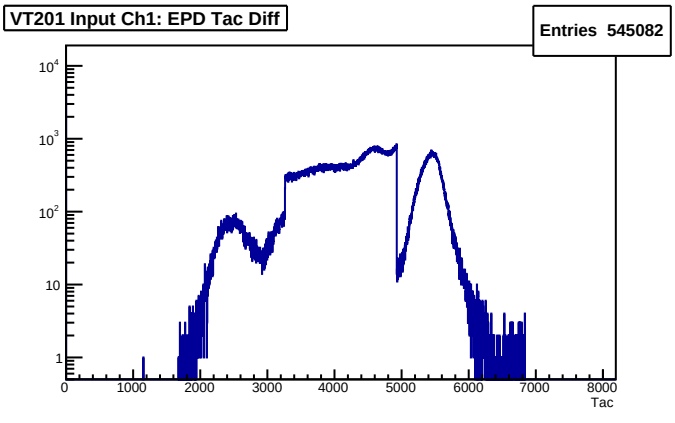

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

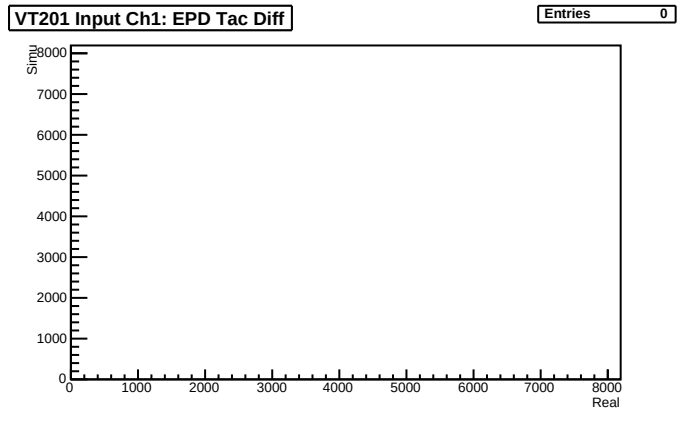

VT201 Input Ch0: BBC Small Tac Diff
Entries 545082
Tac

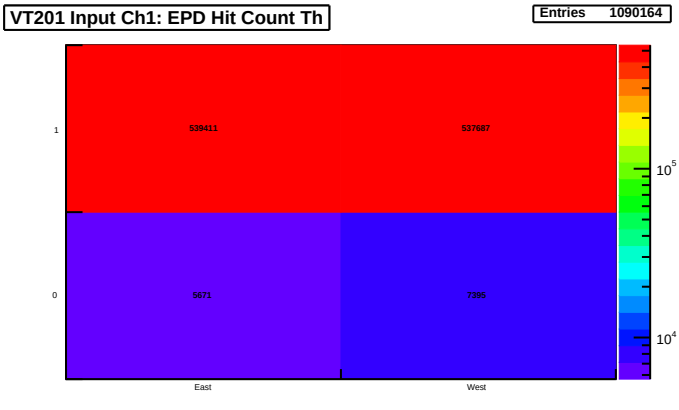

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

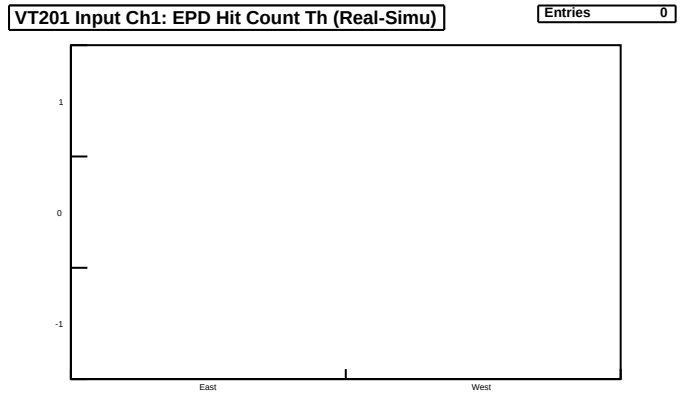

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1090164
347534
458228
197548
86854
East
West

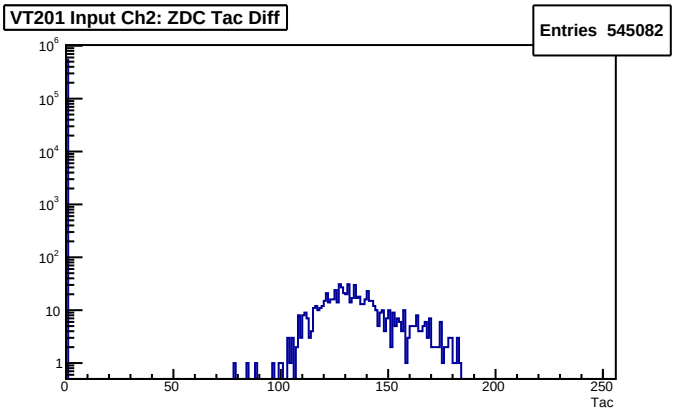

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

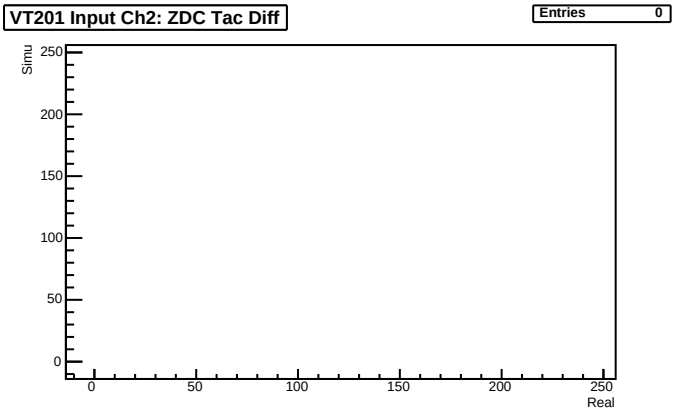

VT201 Input Ch1: EPD Tac Diff
Entries 545082
Tac

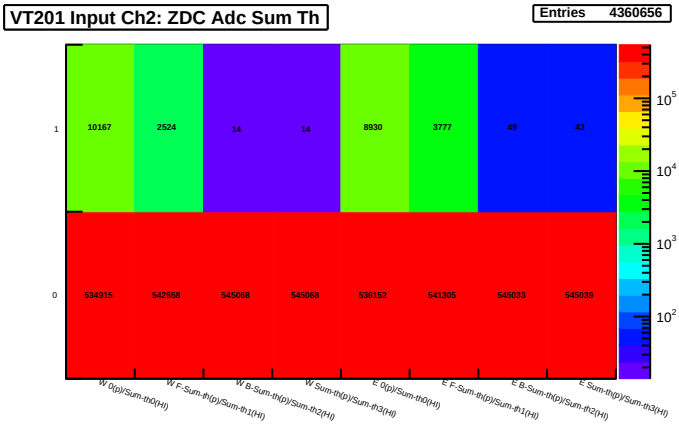

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

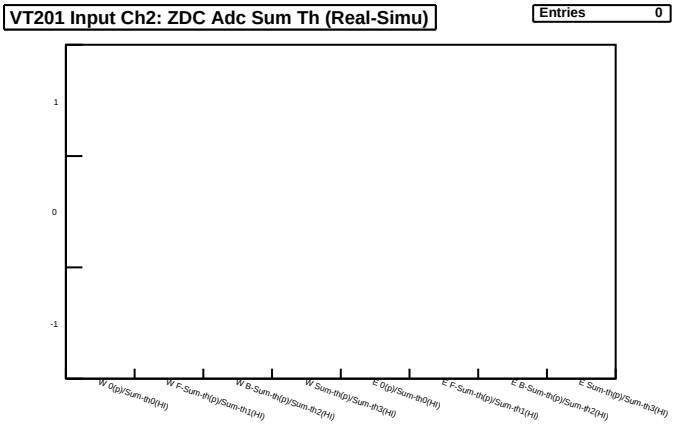

VT201 Input Ch1: EPD Hit Count Th
Entries 1090164
539411
537687
5671
7395
East
West

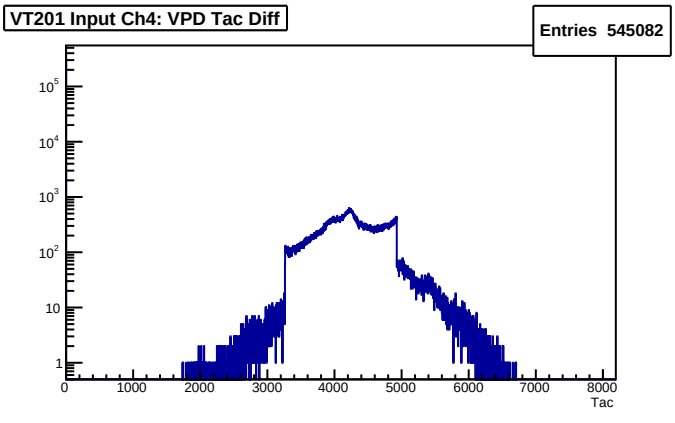

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

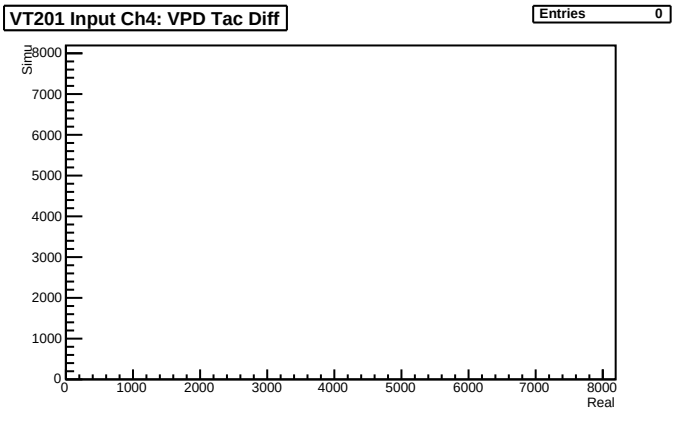

VT201 Input Ch2: ZDC Tac Diff
Entries 545082
Tac

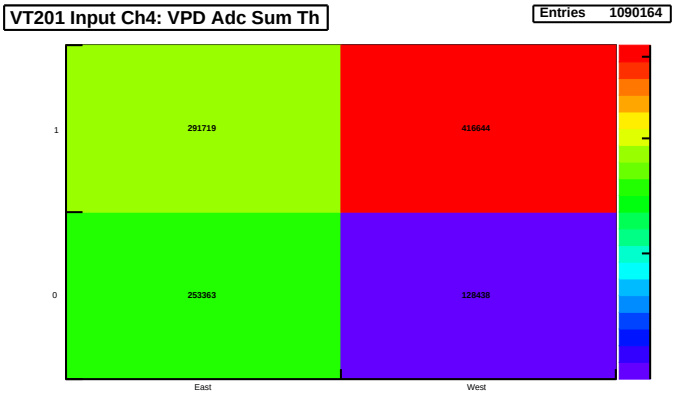

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

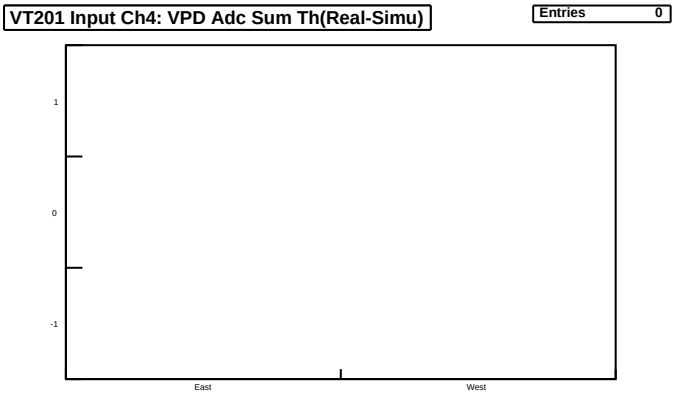

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4360656
10167
2524
14
14
8930
3777
49
43
534915
542558
545068
545068
536152
541305
545033
545039
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

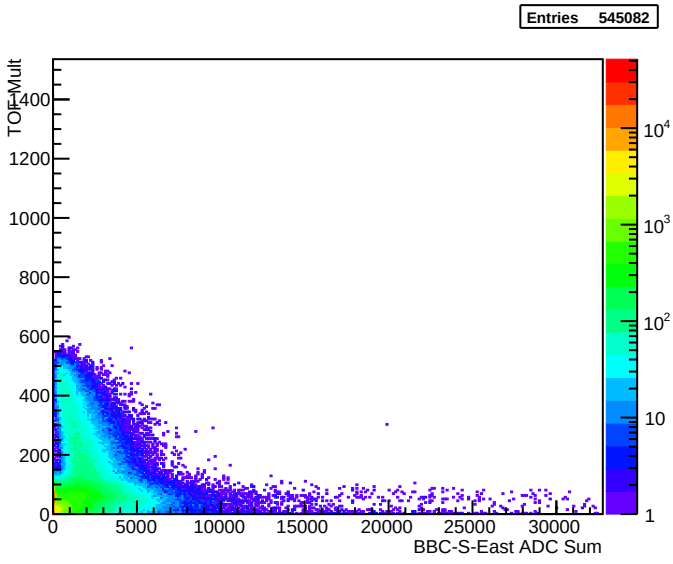

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

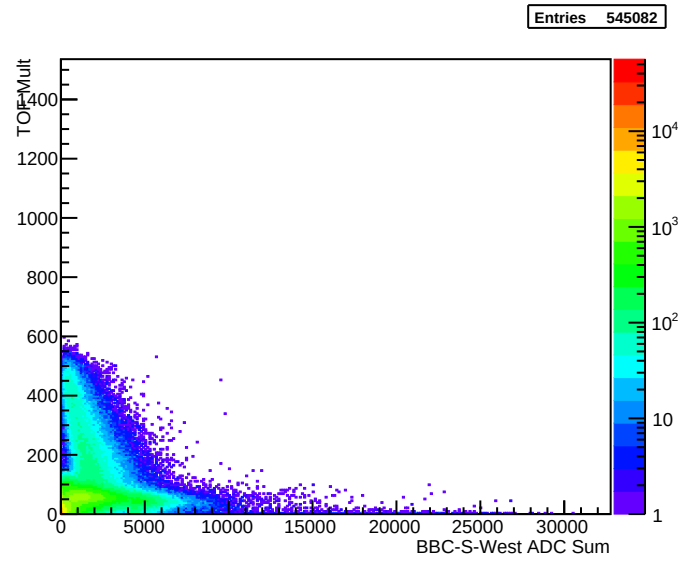

VT201 Input Ch4: VPD Tac Diff
Entries 545082
Tac

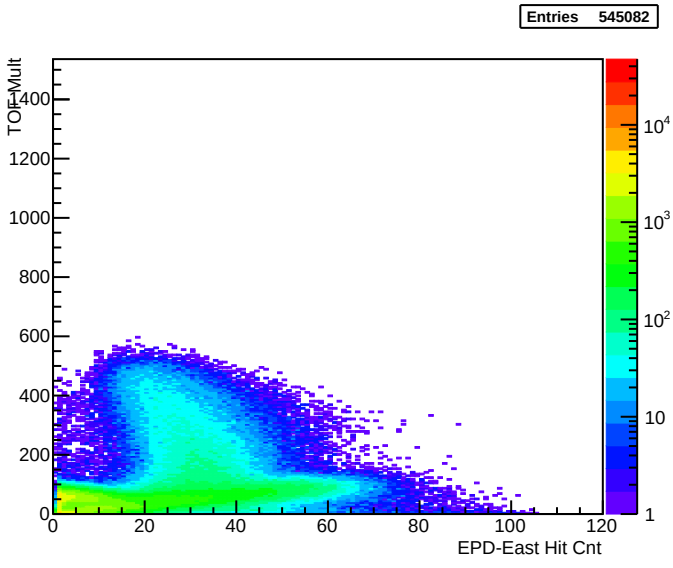

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

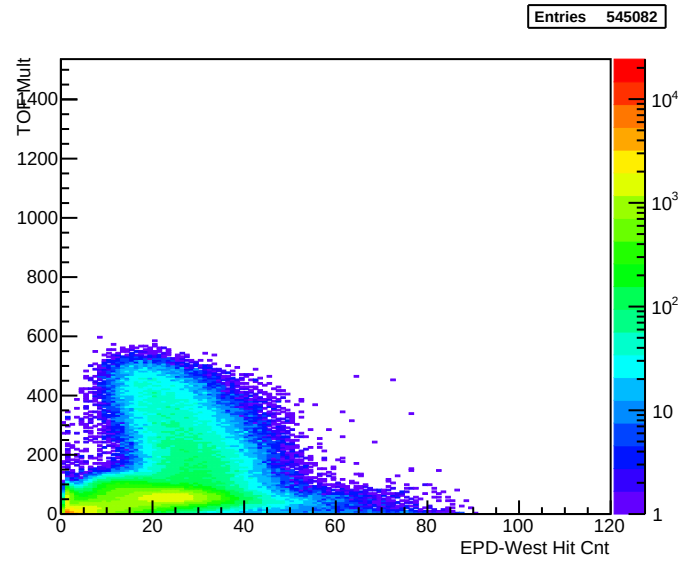

VT201 Input Ch4: VPD Adc Sum Th
Entries 1090164
291719
416644
253363
128438
East
West

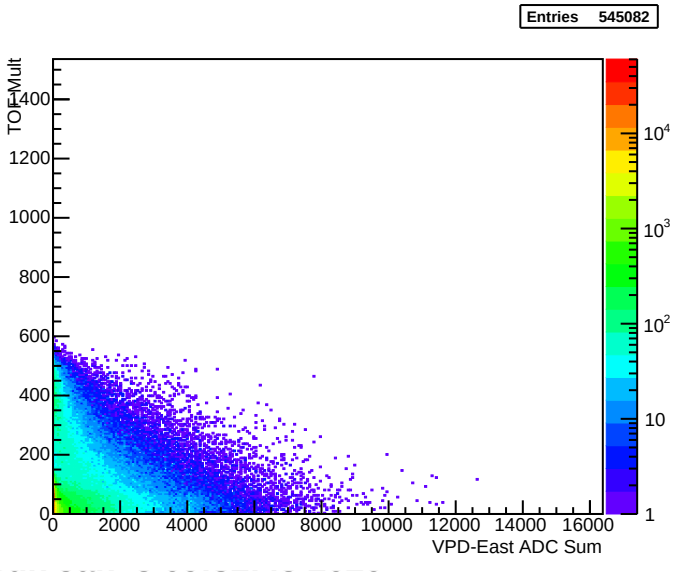

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

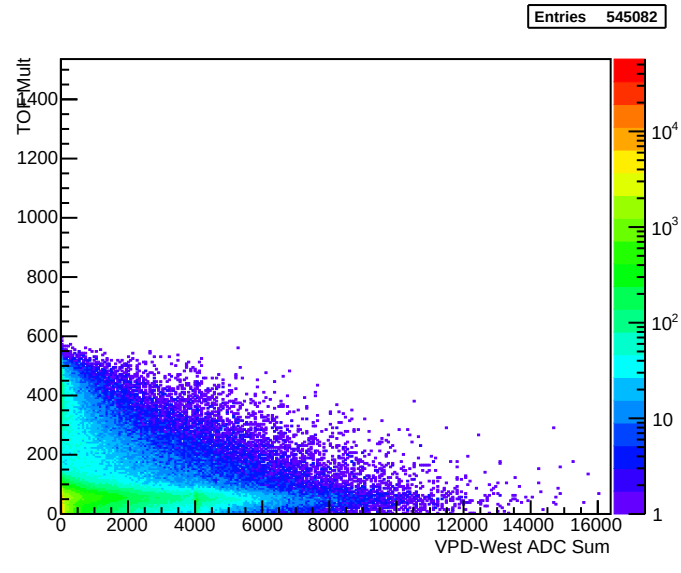

Entries 545082
TOF-Mult
BBC-S-East ADC Sum

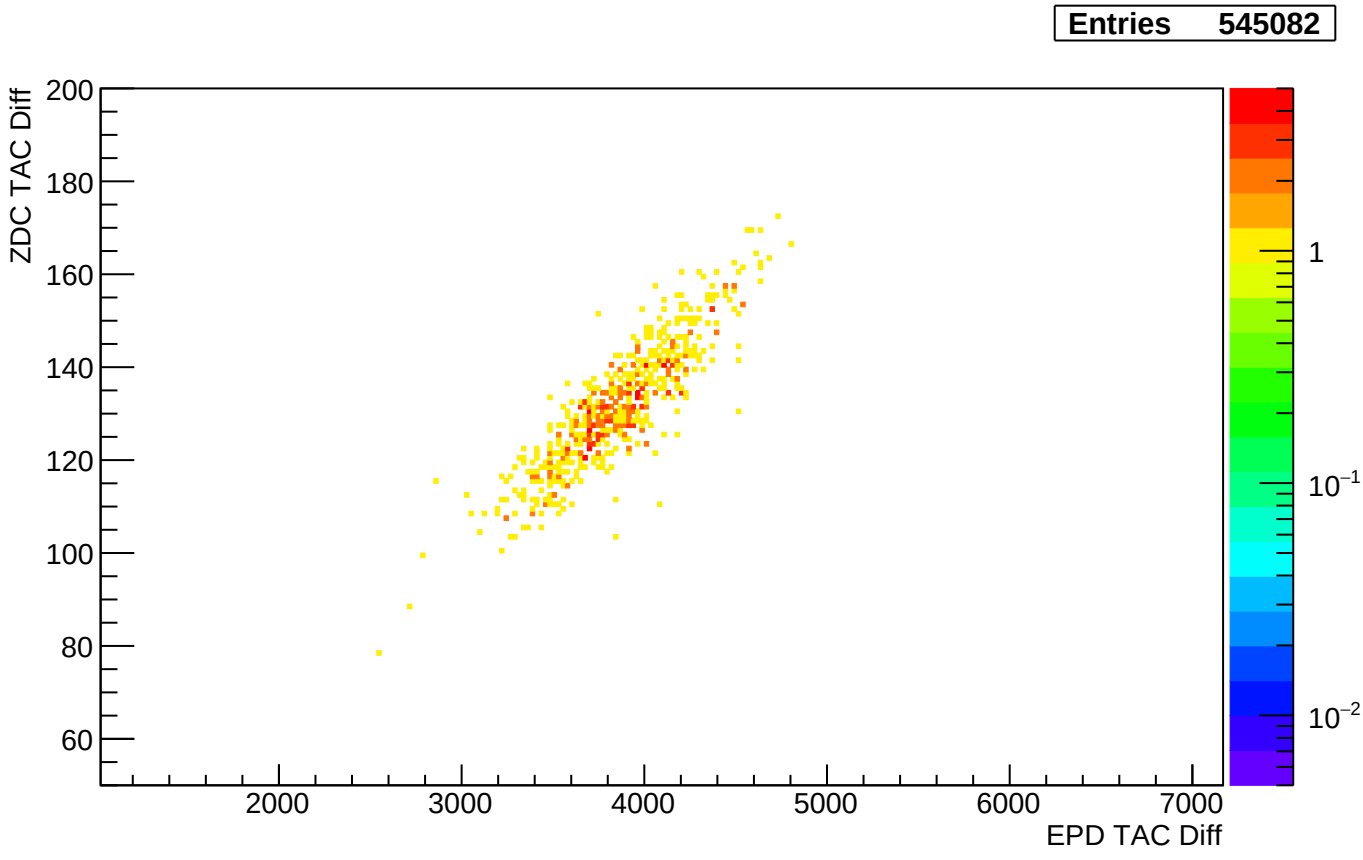

Entries 545082
TOF-Mult
BBC-S-West ADC Sum

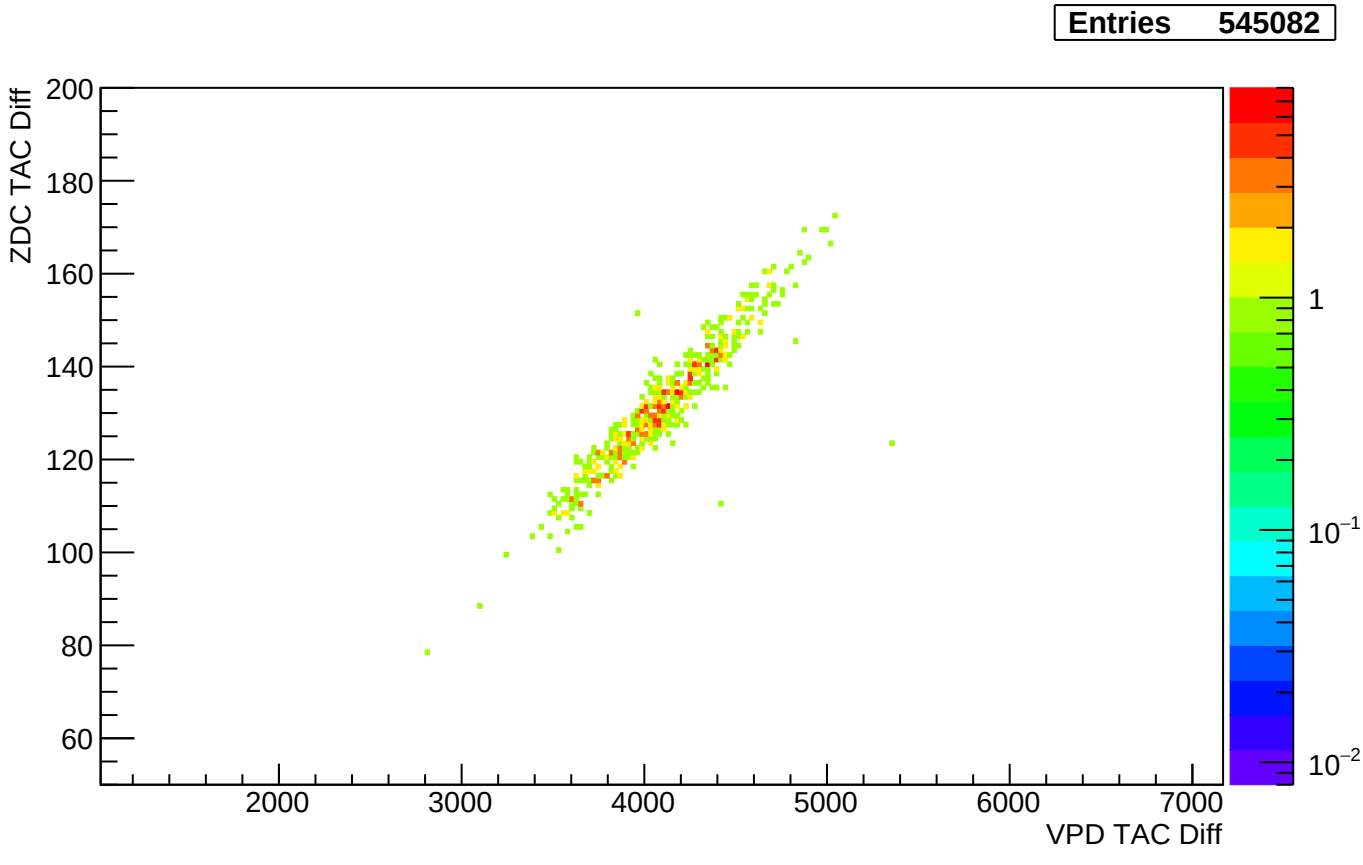

Entries 545082
TOF-Mult
EPD-East Hit Cnt

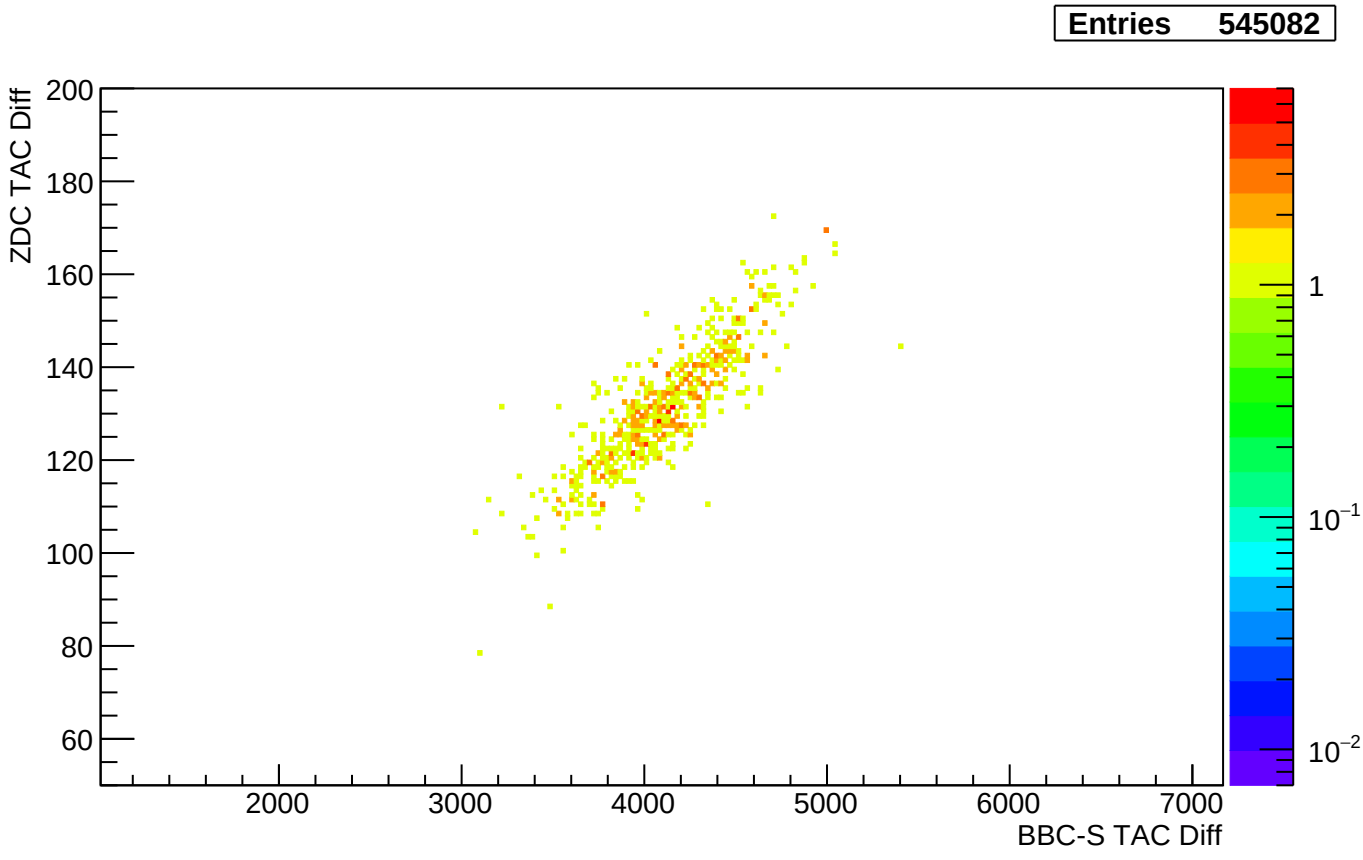

Entries 545082
TOF-Mult
EPD-West Hit Cnt

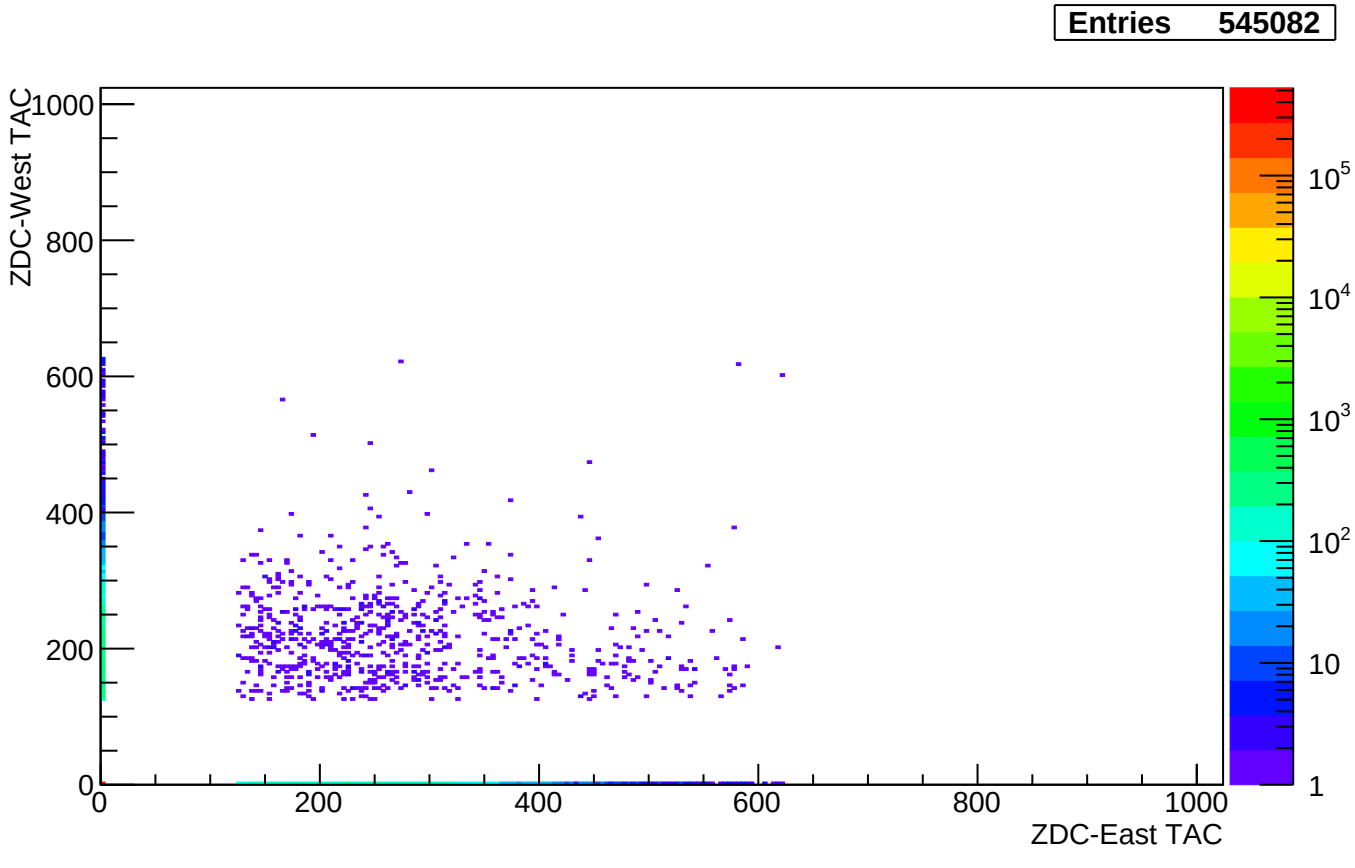

Entries 545082
TOF-Mult
VPD-East ADC Sum

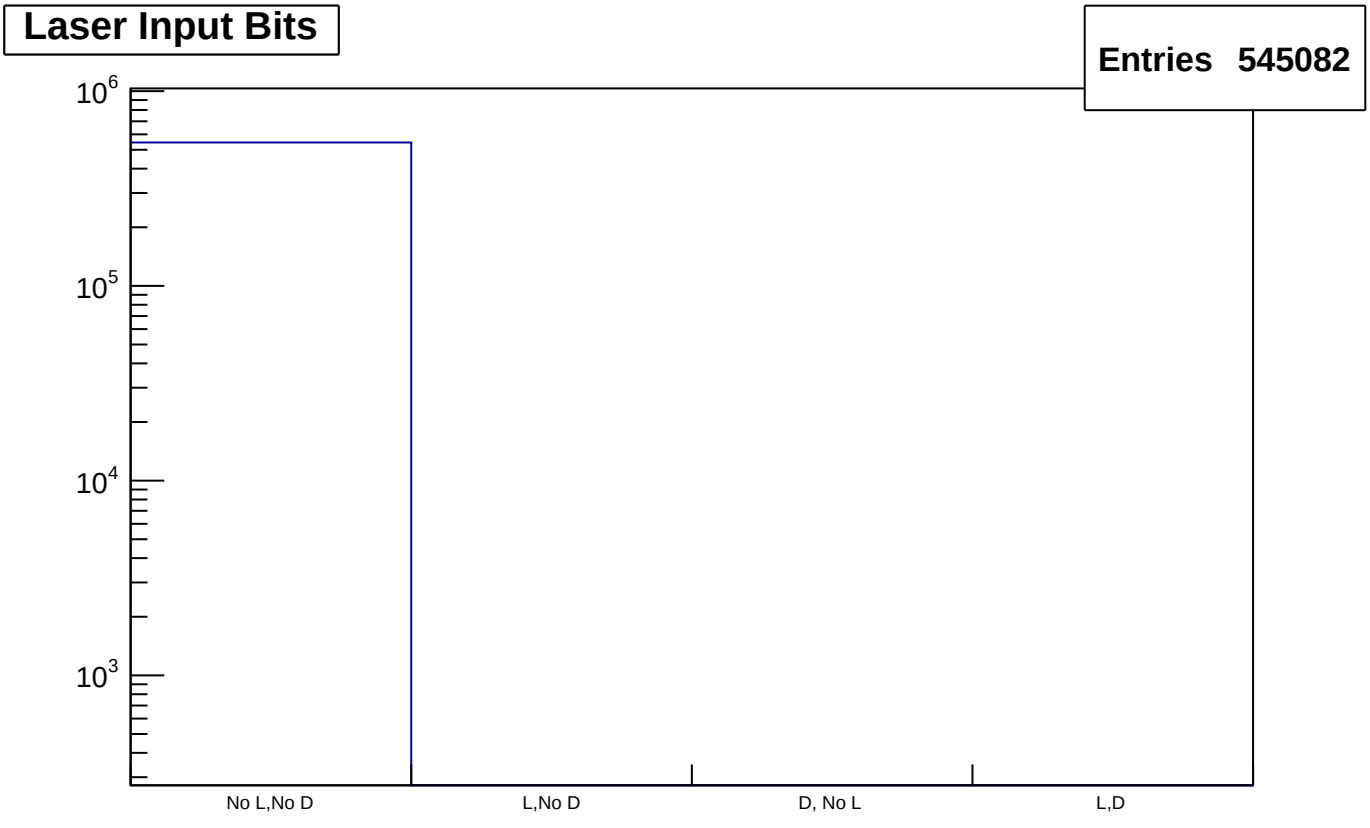

Entries 545082
TOF-Mult
VPD-West ADC Sum

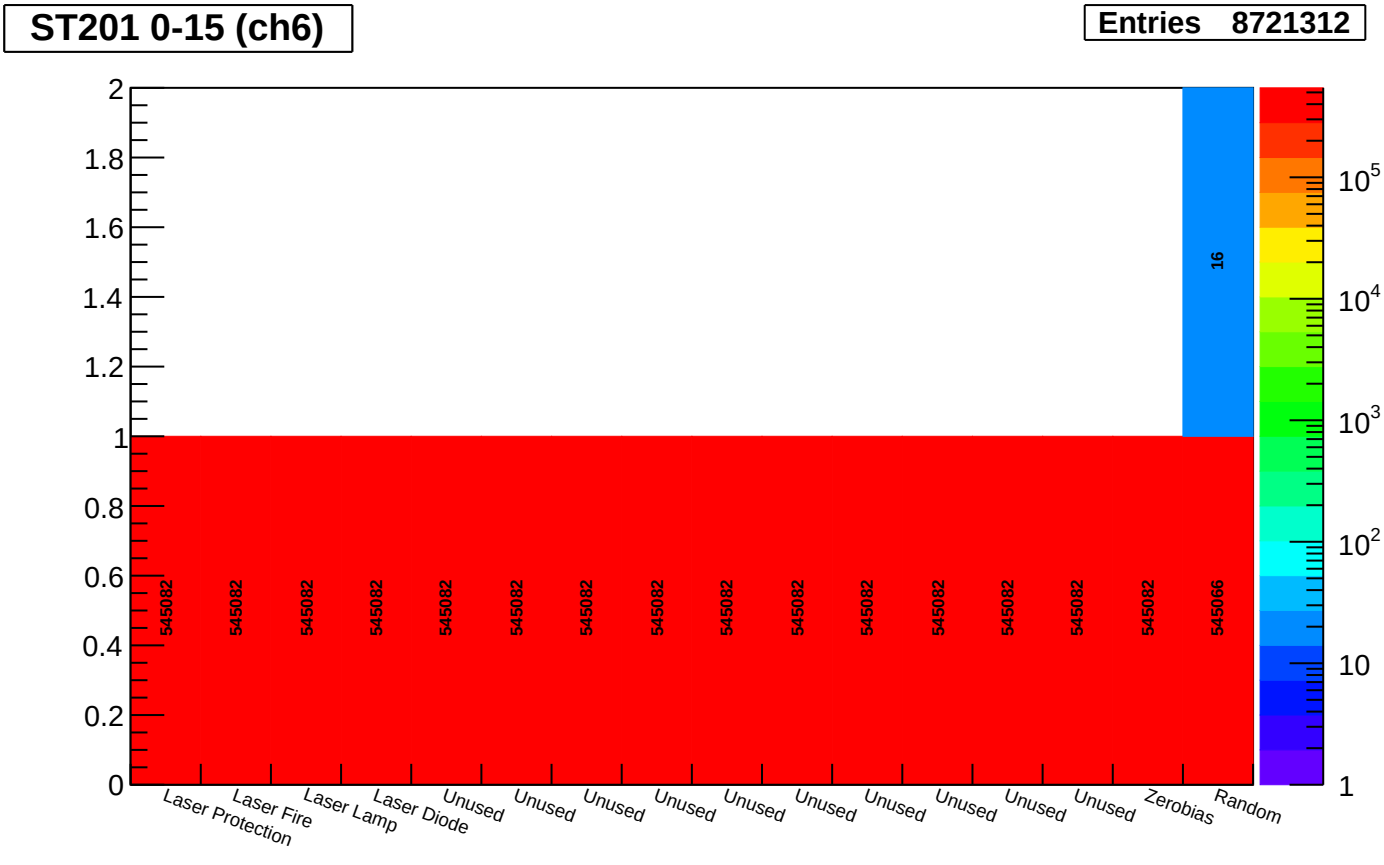

Entries 545082
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

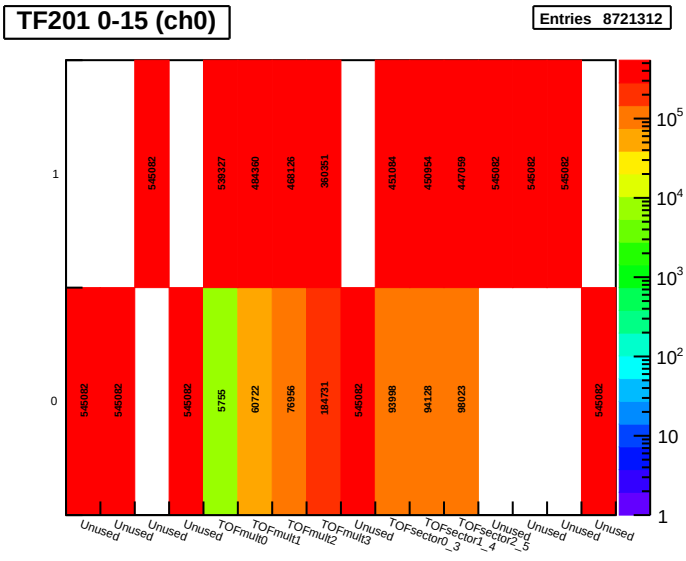

Entries 545082
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

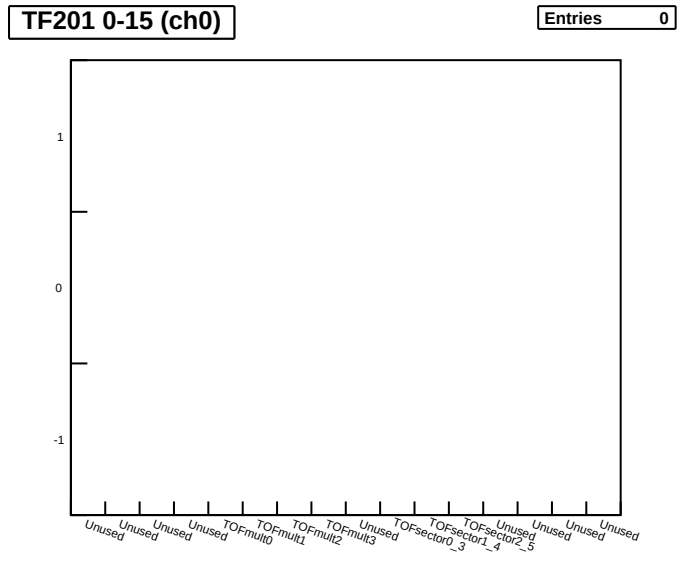

Entries 545082
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

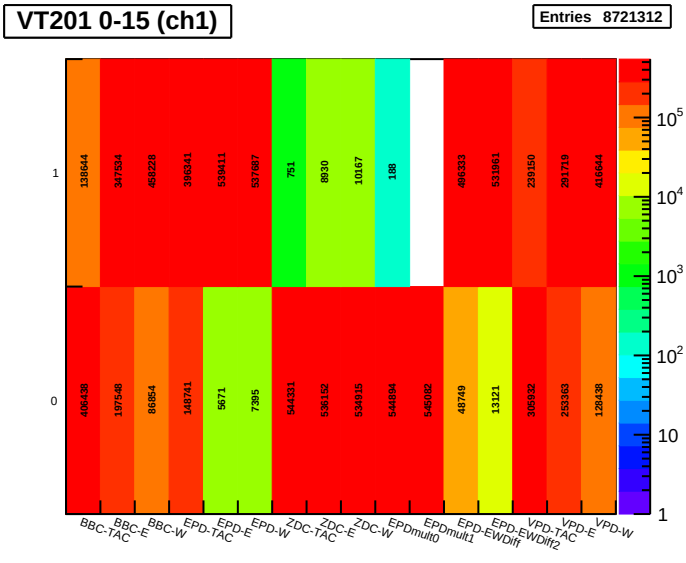

Entries 545082
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

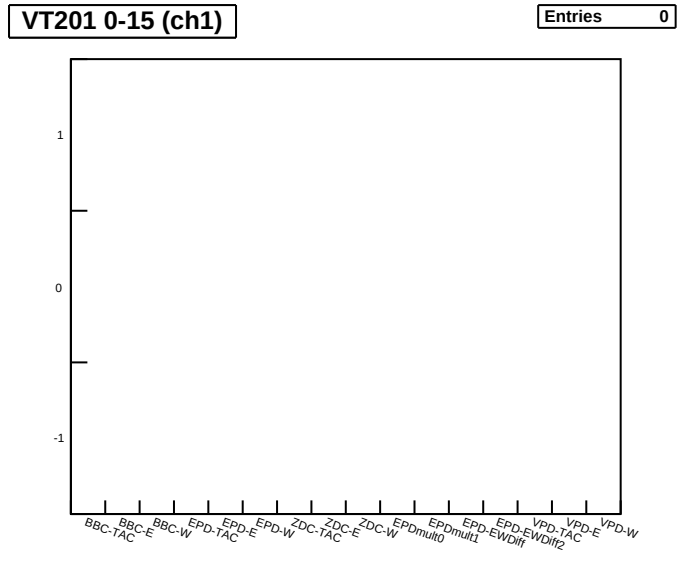

Laser Input Bits
Entries 545082
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

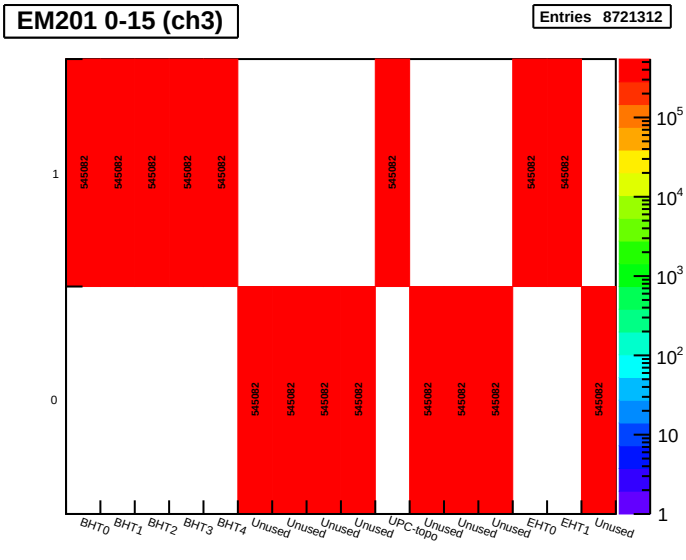

ST201 0-15 (ch6)
Entries 8721312
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
16
545082
545066
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

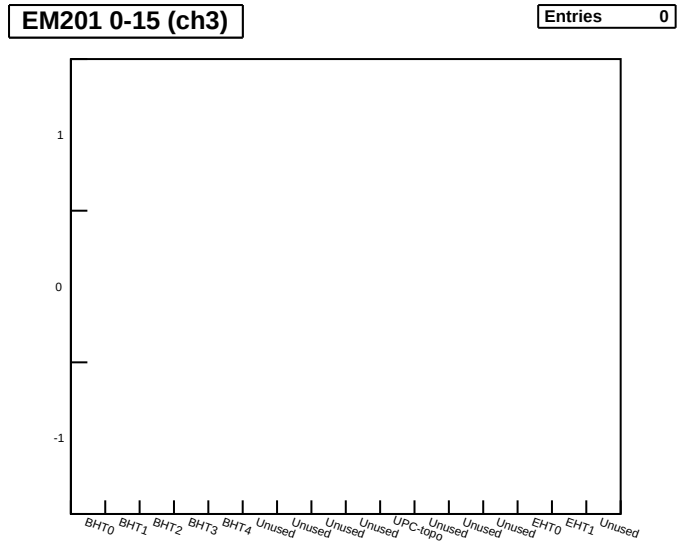

TF201 0-15 (ch0)
Entries 8721312
1
0
545082
530327
494360
468126
360351
451084
450954
447059
545082
545082
545082
545082
545082
545082
5755
60722
76956
184731
93998
94128
98023
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 8721312
1
0
138644
347534
458228
396341
539411
537687
751
8930
10167
188
486333
531961
239150
291719
416444
406438
197548
86054
148741
5671
7395
544331
538152
534915
544894
545082
48749
13121
305932
253363
128438
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 8721312
1
0
545082
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


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