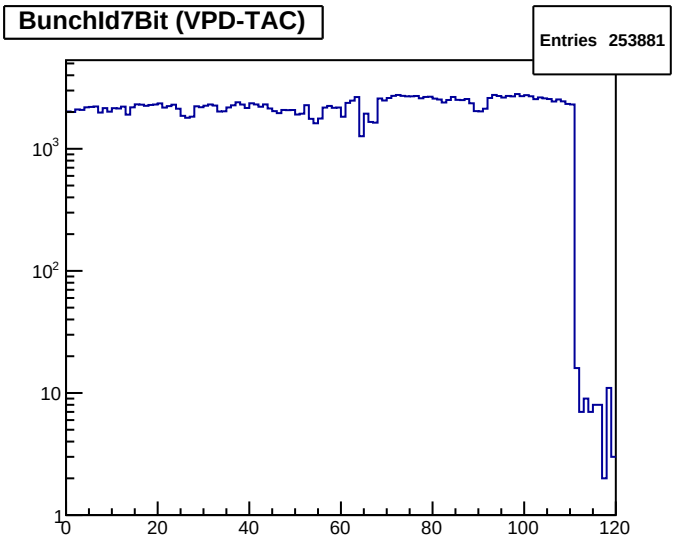
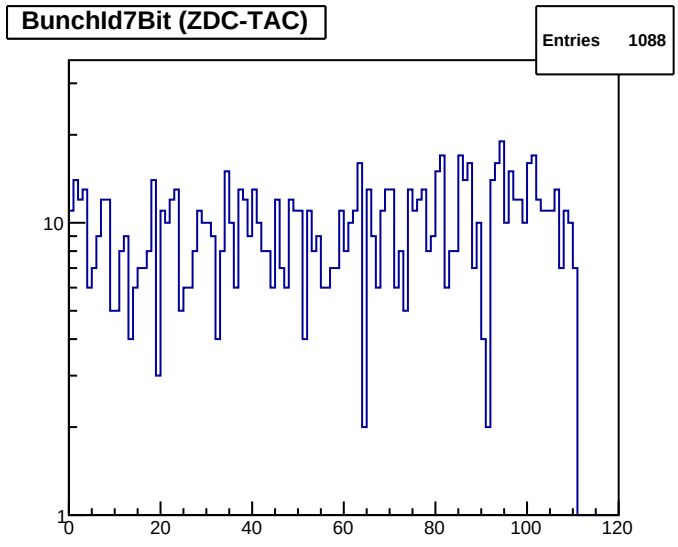
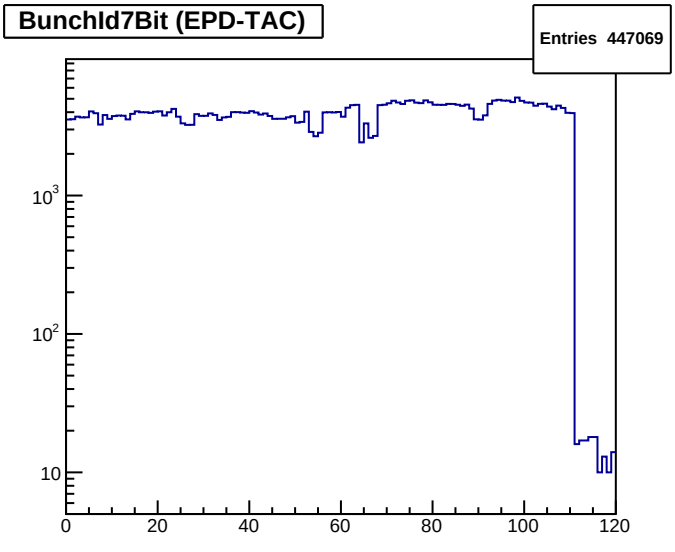
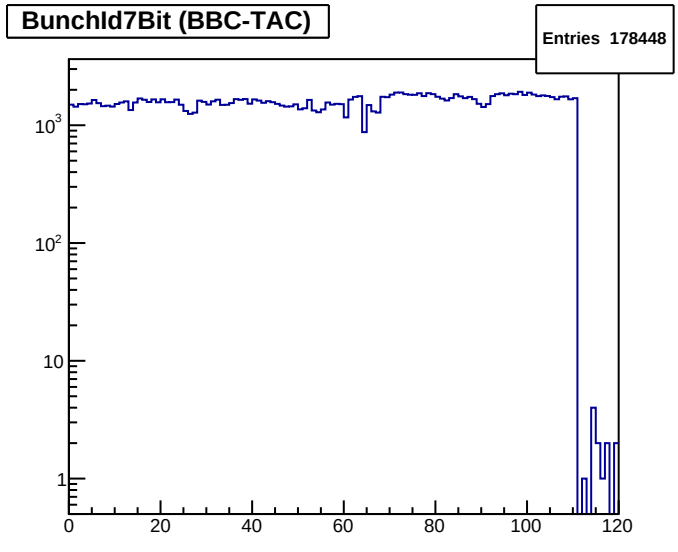
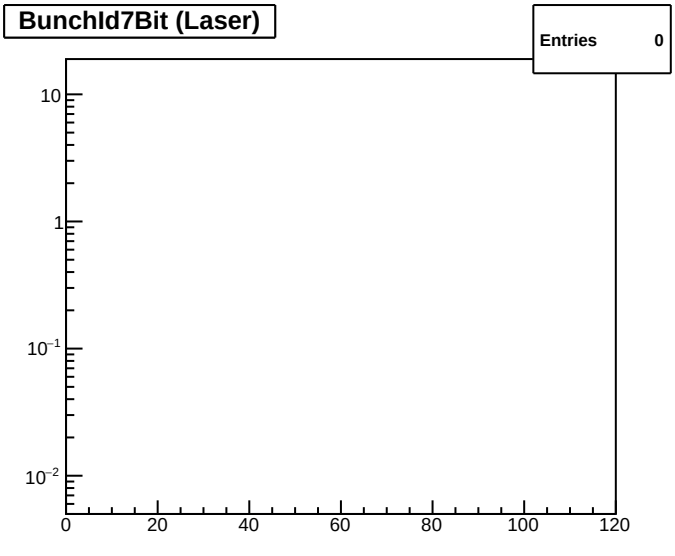
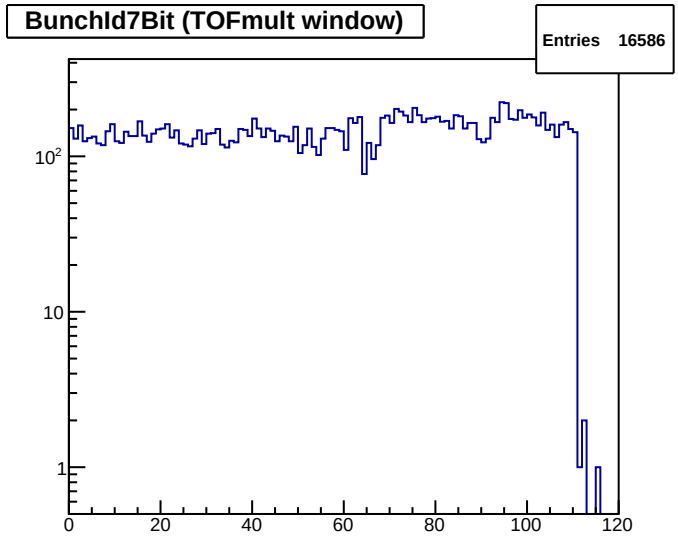

BunchId7Bit (VPD-TAC)
Entries 253881

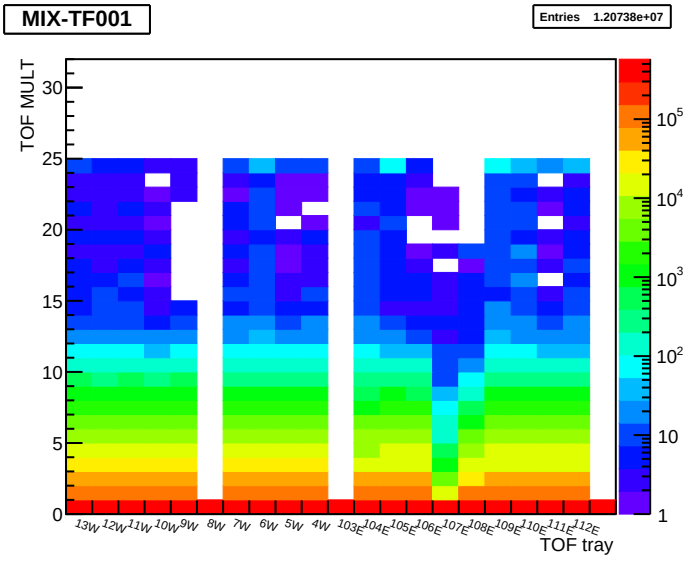

BunchId7Bit (ZDC-TAC)
Entries 1088

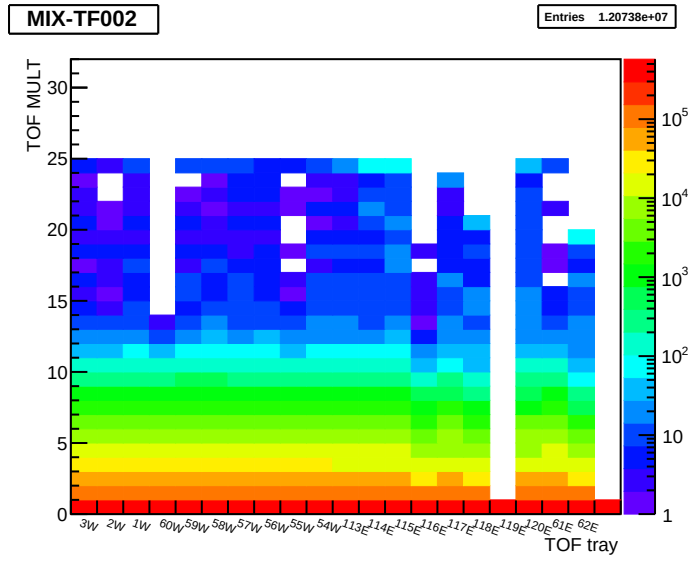

BunchId7Bit (EPD-TAC)
Entries 447069

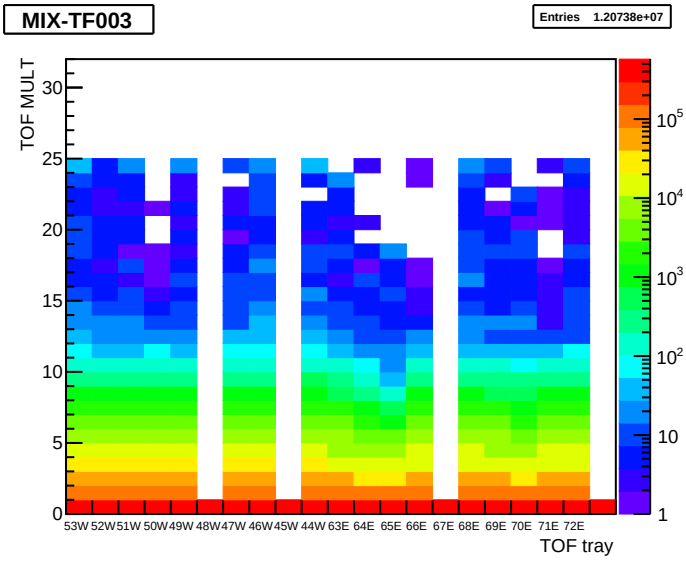

BunchId7Bit (BBC-TAC)
Entries 178448

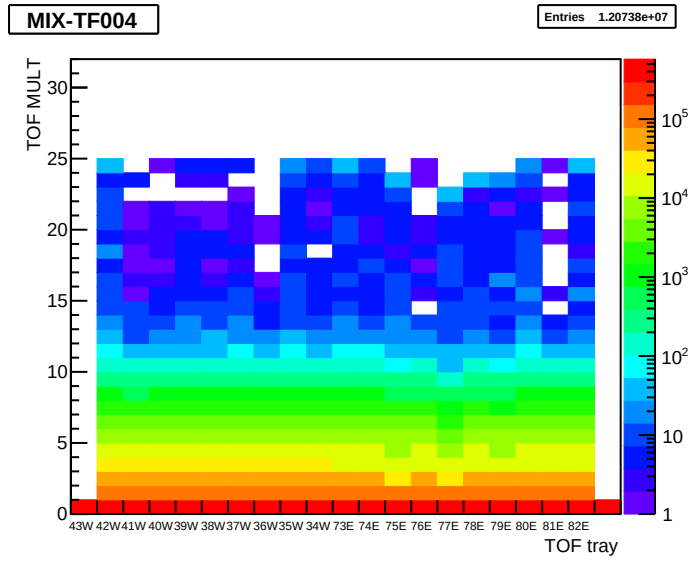

BunchId7Bit (Laser)
Entries 0

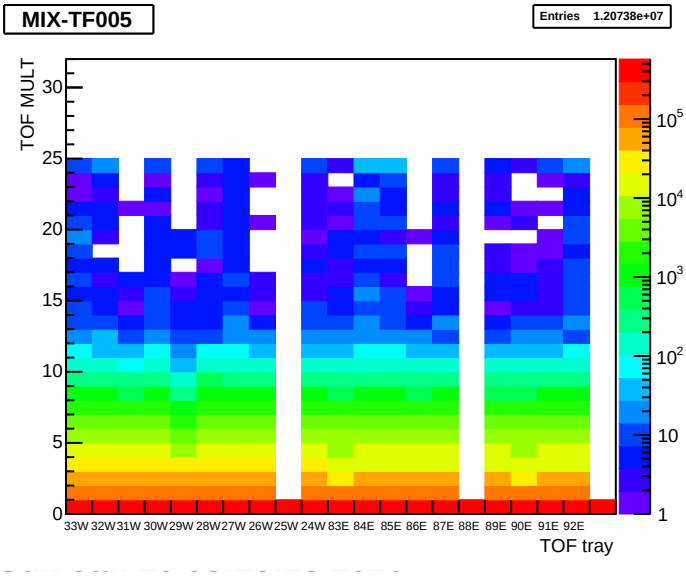

BunchId7Bit (TOFmult window)
Entries 16586

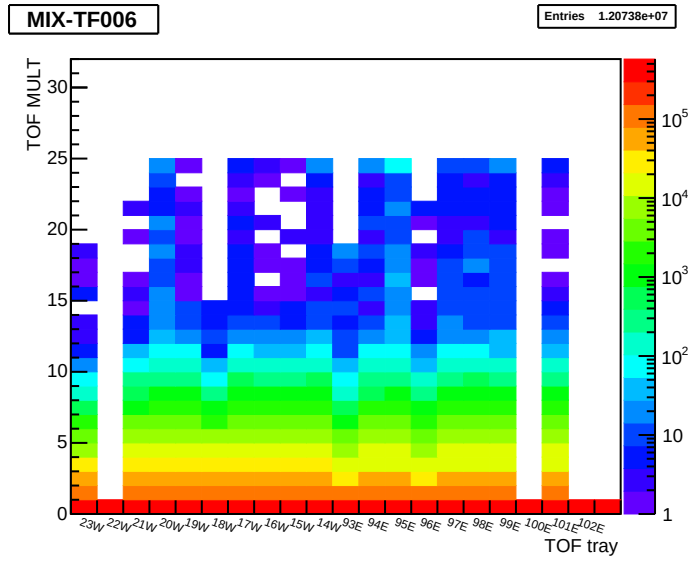

MIX-TF001
Entries 1.20738e+07
TOF MULT
TOF tray

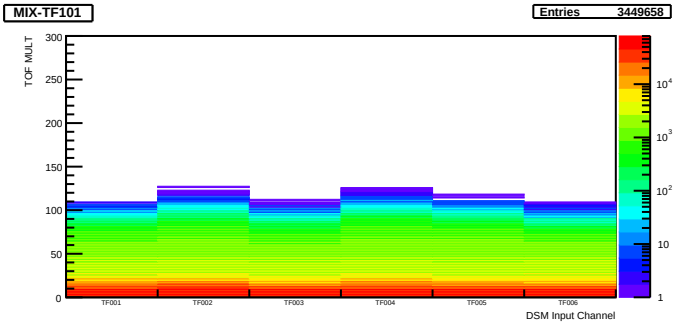

MIX-TF002
Entries 1.20738e+07
TOF MULT
TOF tray

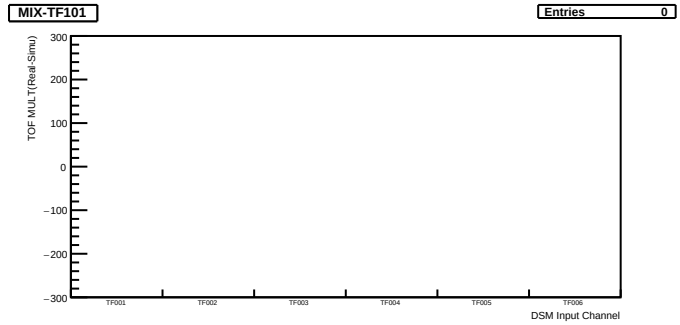

MIX-TF003
Entries 1.20738e+07
TOF MULT
TOF tray

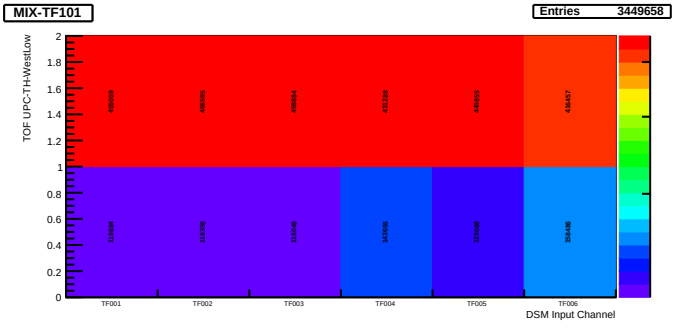

MIX-TF004
Entries 1.20738e+07
TOF MULT
TOF tray

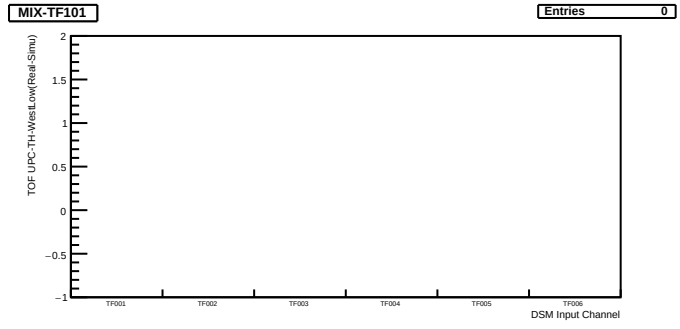

MIX-TF005
Entries 1.20738e+07
TOF MULT
TOF tray

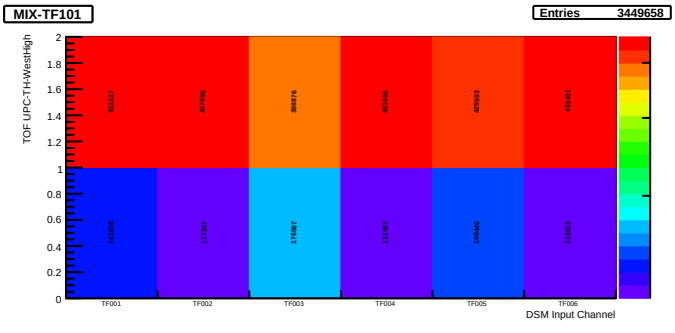

MIX-TF006
Entries 1.20738e+07
TOF MULT
TOF tray

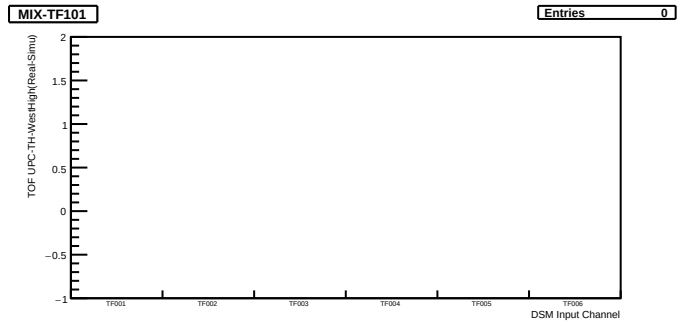

MIX-TF101
Entries 3449658
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

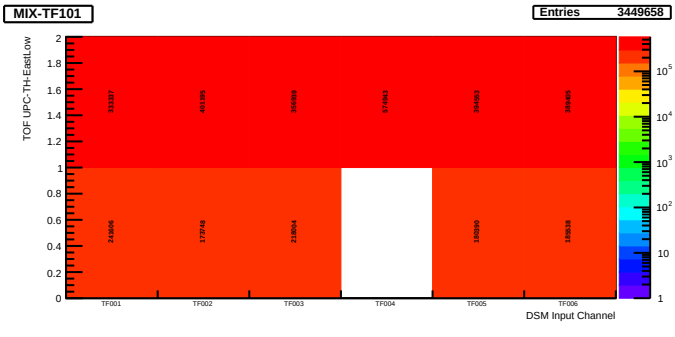

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

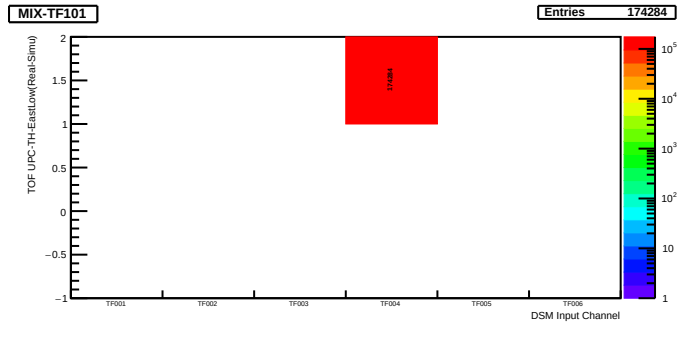

MIX-TF101
Entries 3449658
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

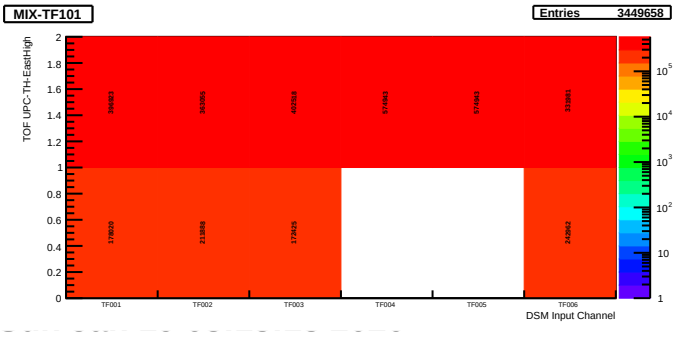

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

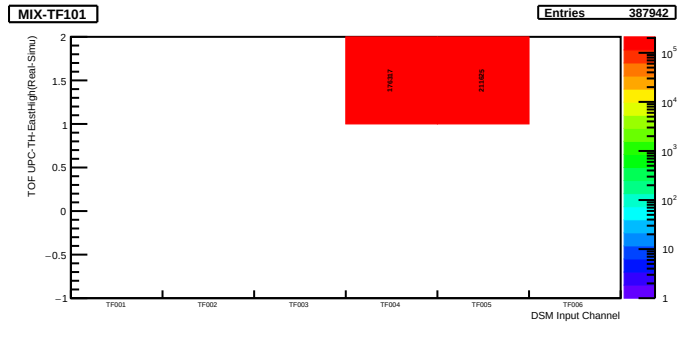

MIX-TF101
Entries 3449658
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

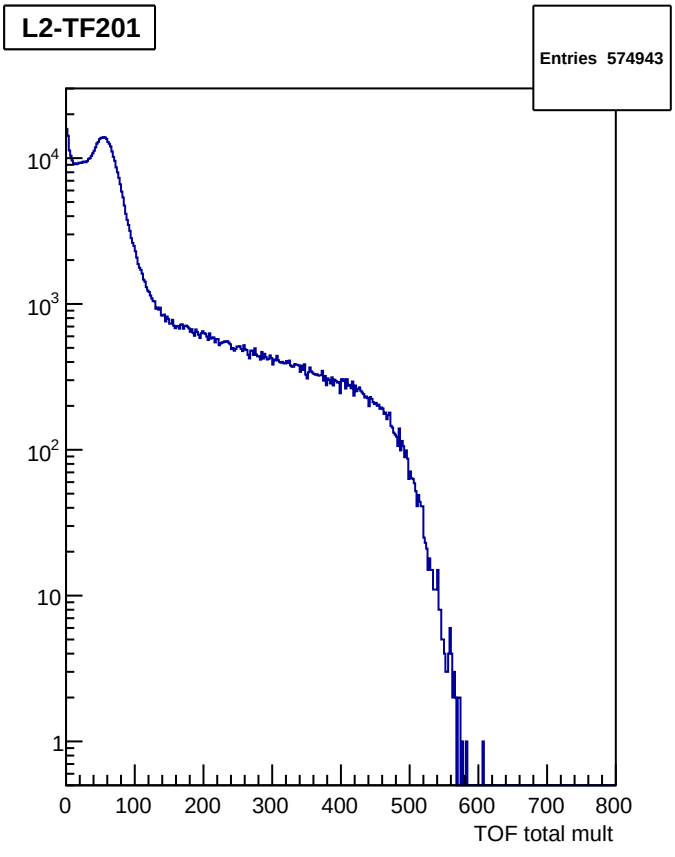

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

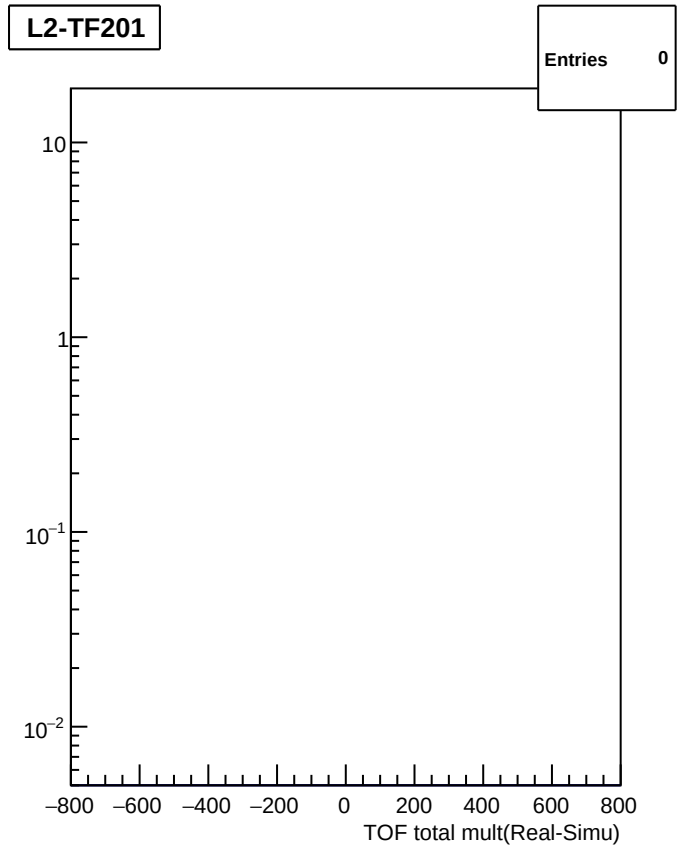

MIX-TF101
Entries 3449658
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

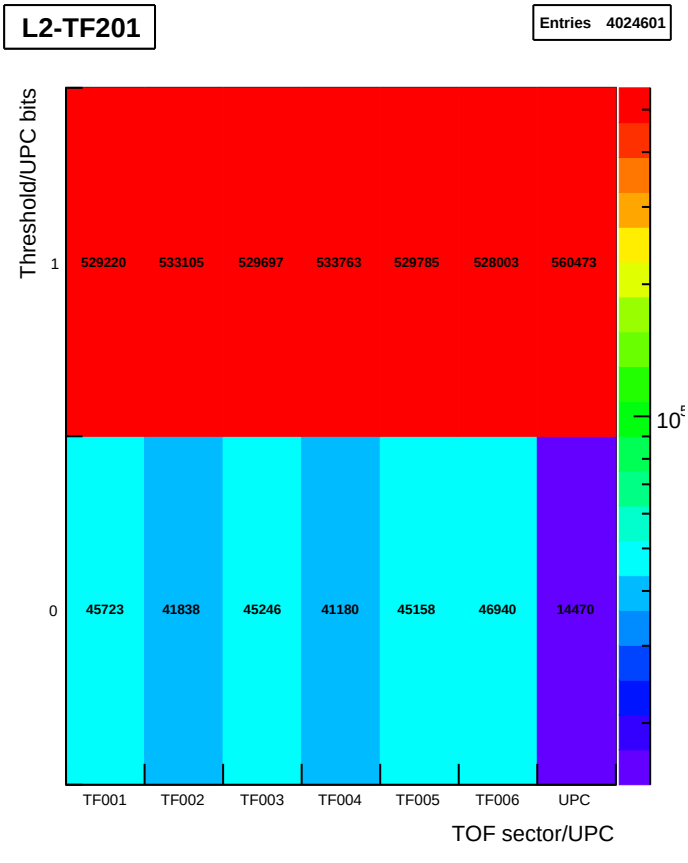

MIX-TF101
Entries 174284
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

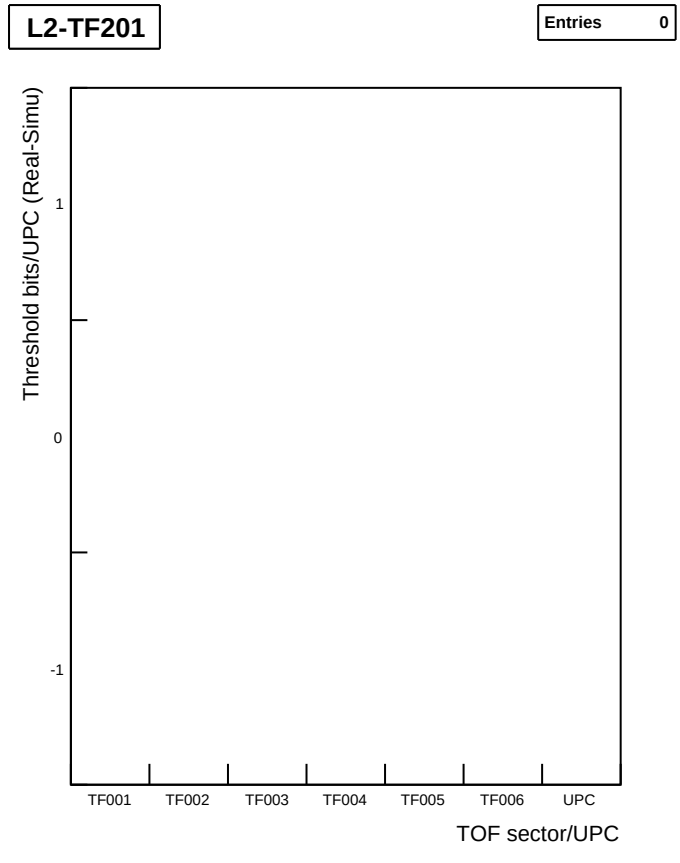

MIX-TF101
Entries 3449658
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

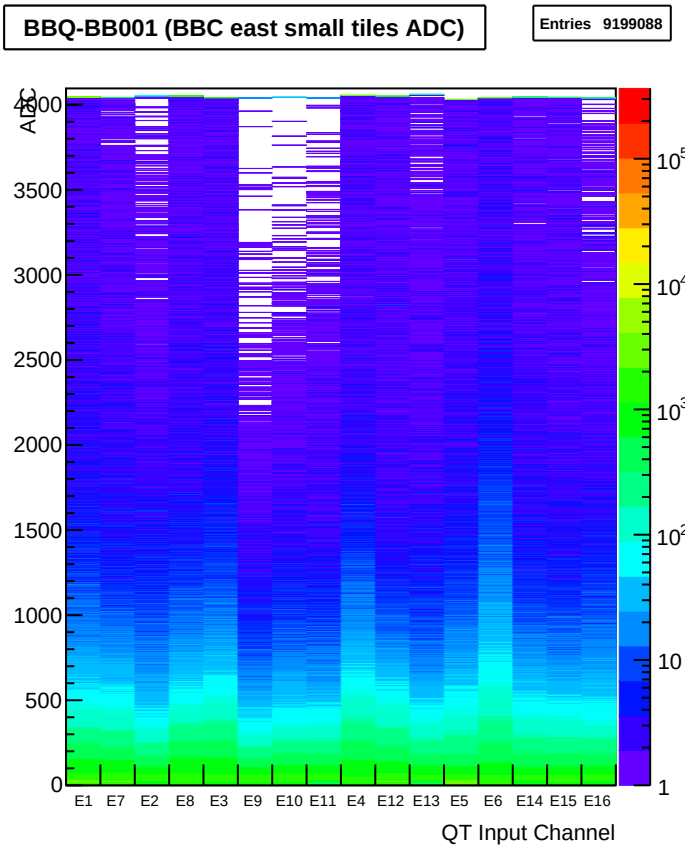

MIX-TF101
Entries 387942
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

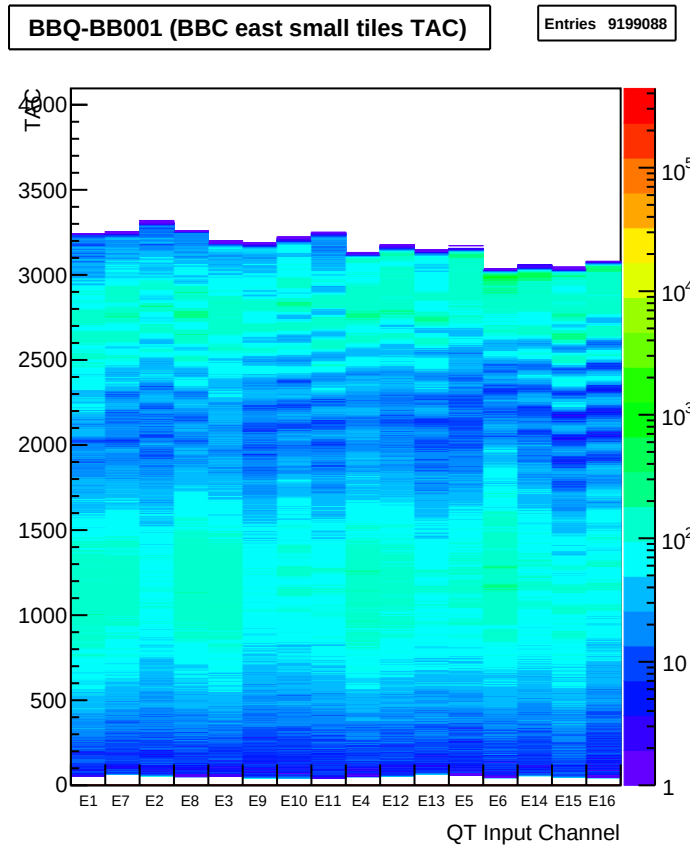

L2-TF201
Entries 574943
TOF total mult

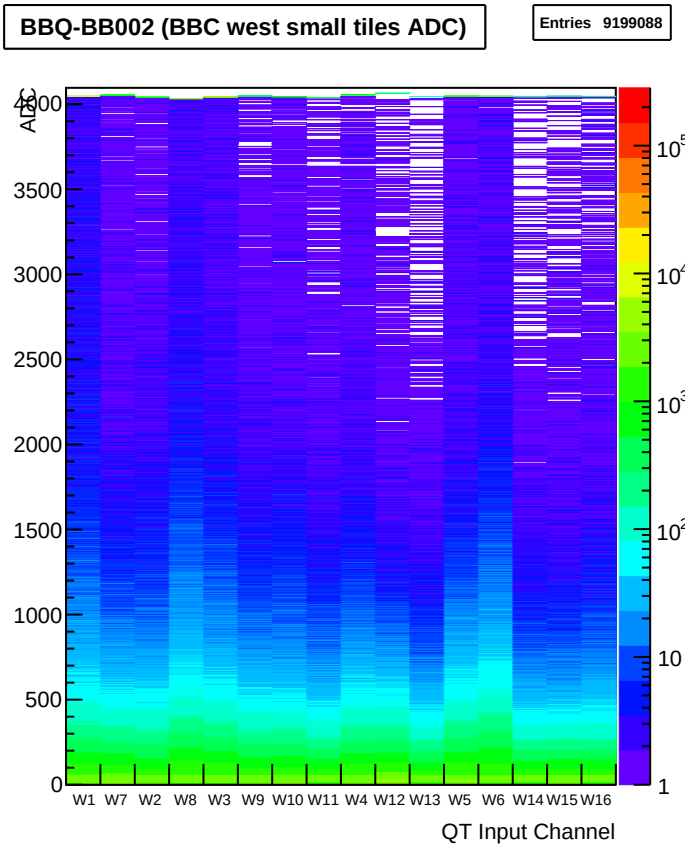

L2-TF201
Entries 0
TOF total mult(Real-Simu)

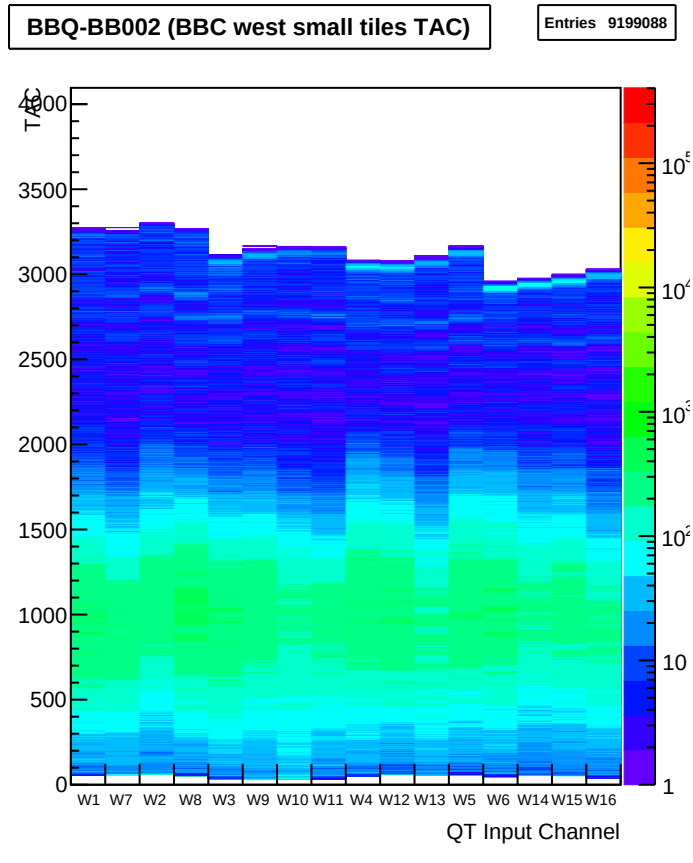

L2-TF201
Entries 4024601
Threshold/UPC bits
529220
533105
529697
533763
529785
528003
560473
45723
41838
45246
41180
45158
46940
14470
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

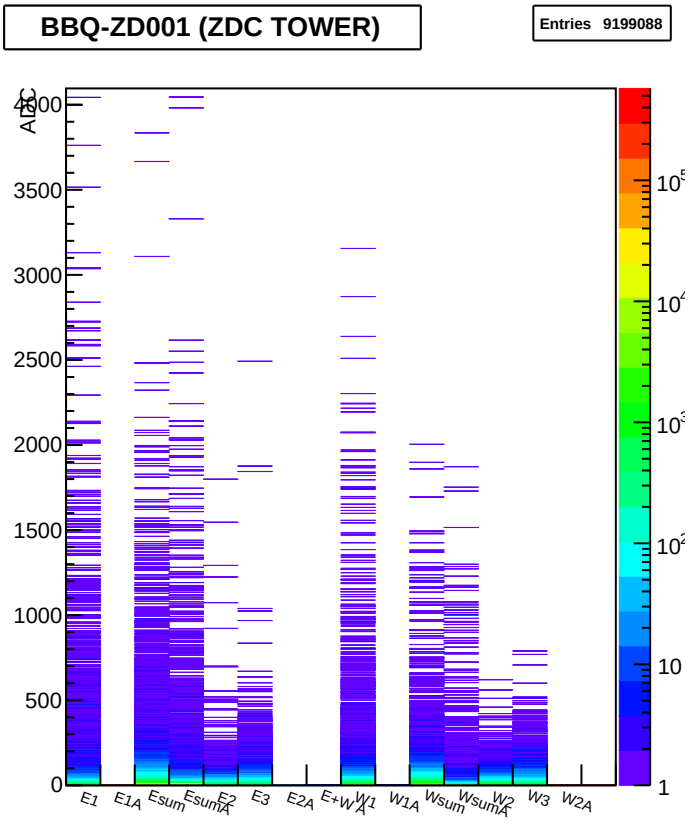

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

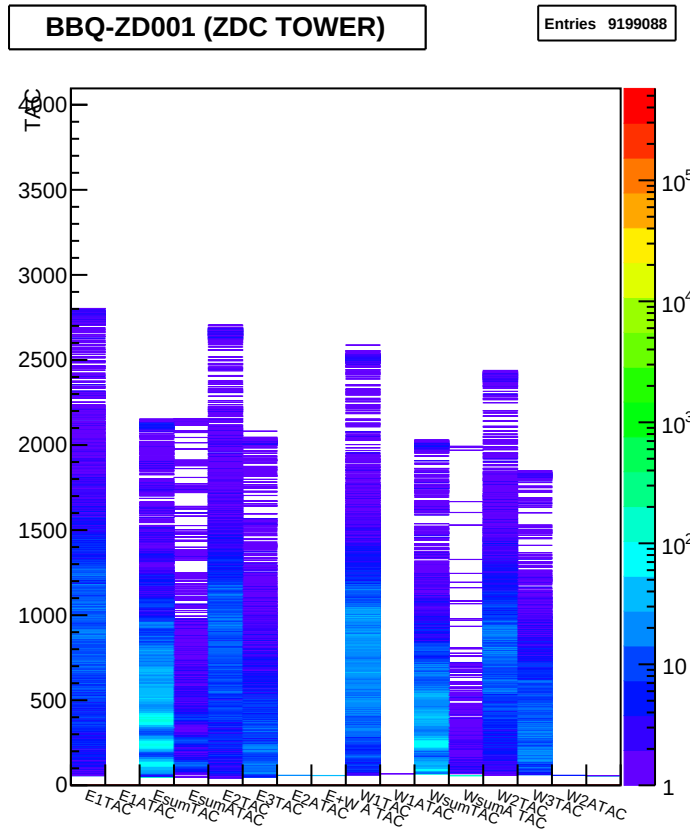

BBQ-BB001 (BBC east small tiles ADC)
Entries 9199088
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

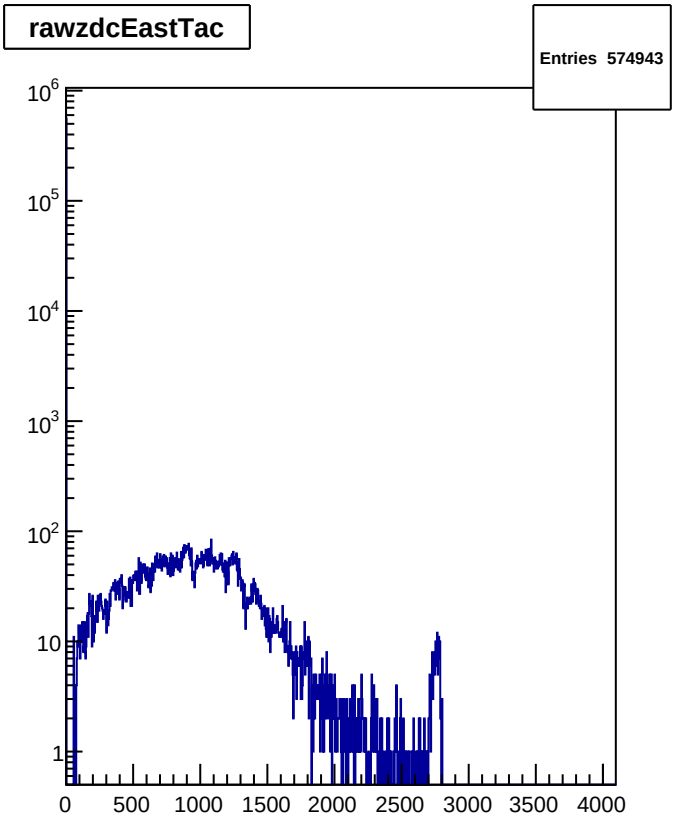

BBQ-BB001 (BBC east small tiles TAC)
Entries 9199088
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

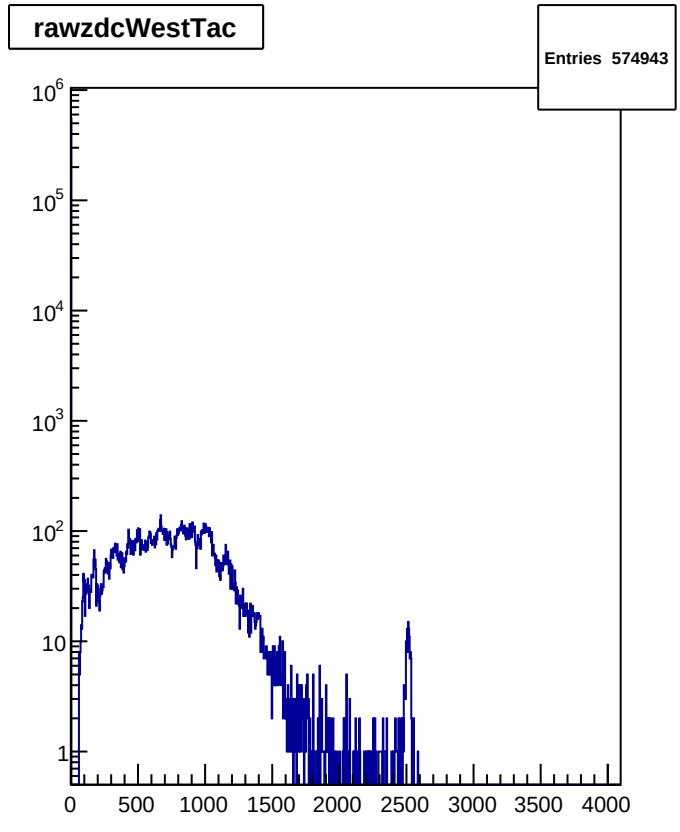

BBQ-BB002 (BBC west small tiles ADC)
Entries 9199088
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

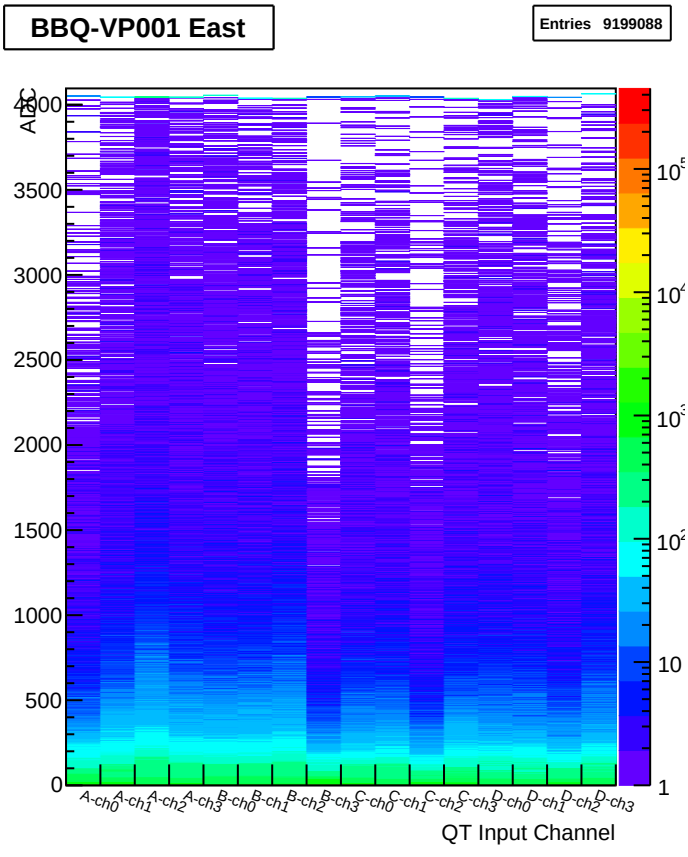

BBQ-BB002 (BBC west small tiles TAC)
Entries 9199088
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

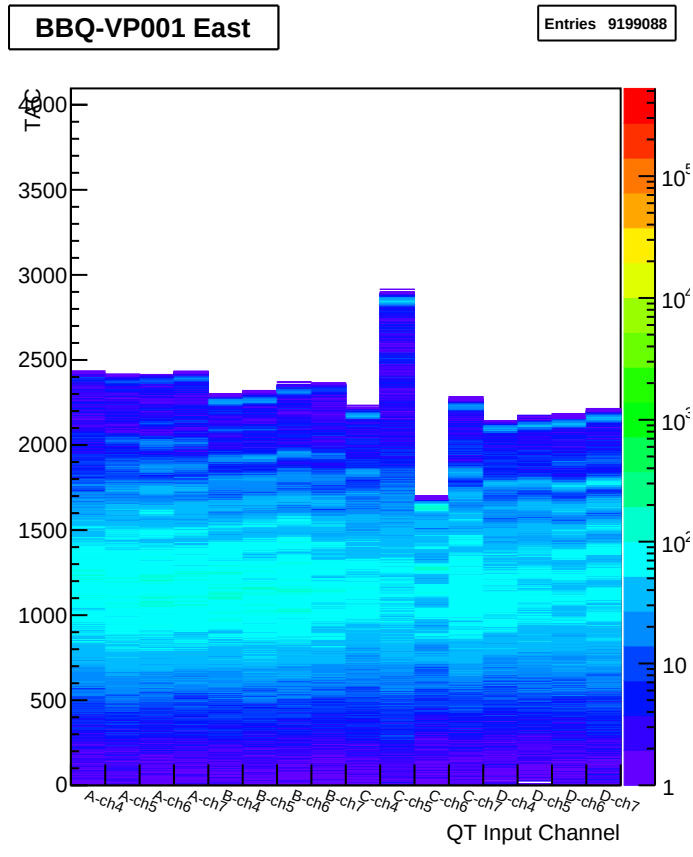

BBQ-ZD001 (ZDC TOWER)
Entries 9199088
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

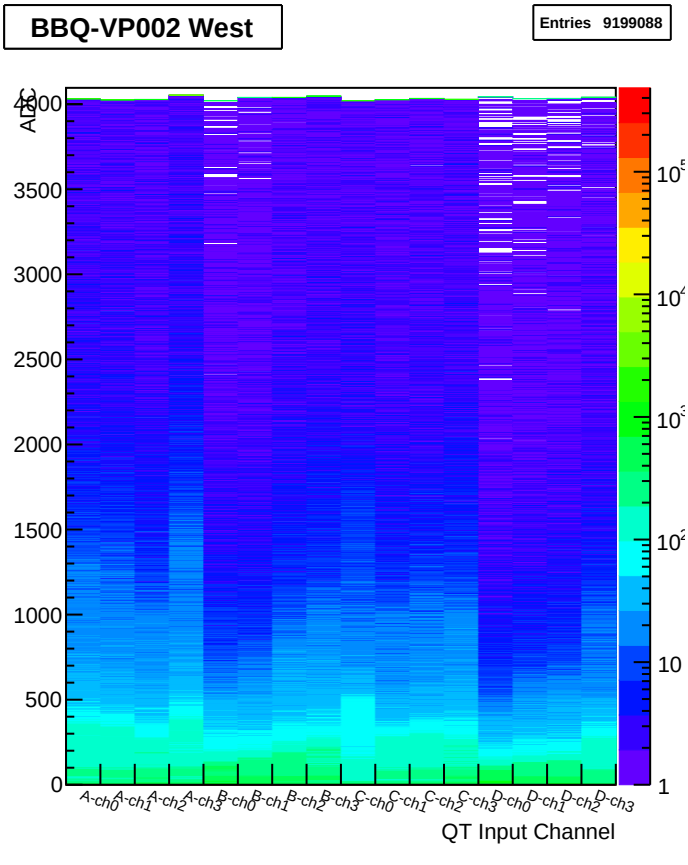

BBQ-ZD001 (ZDC TOWER)
Entries 9199088
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

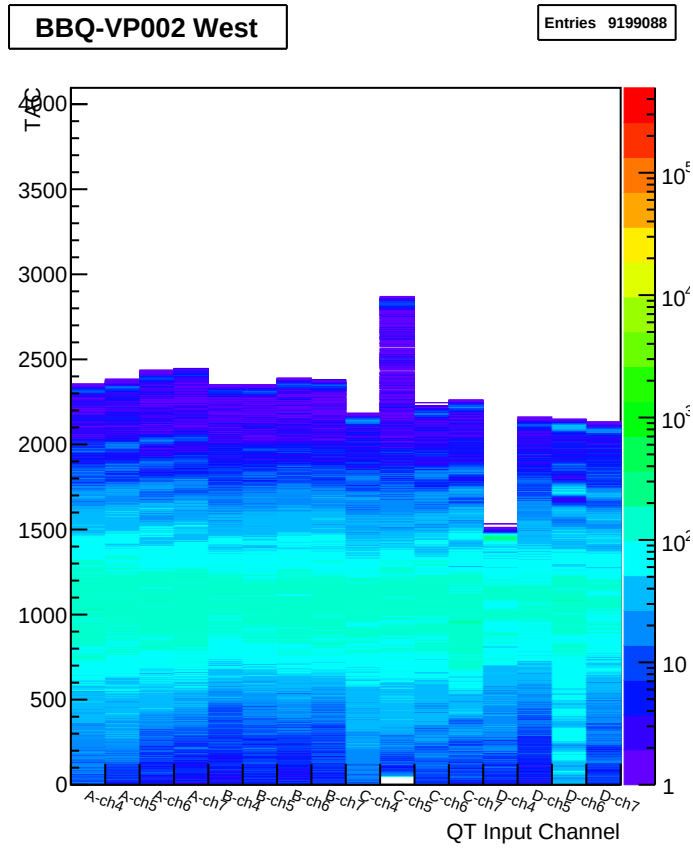

rawzdcEastTac
Entries 574943

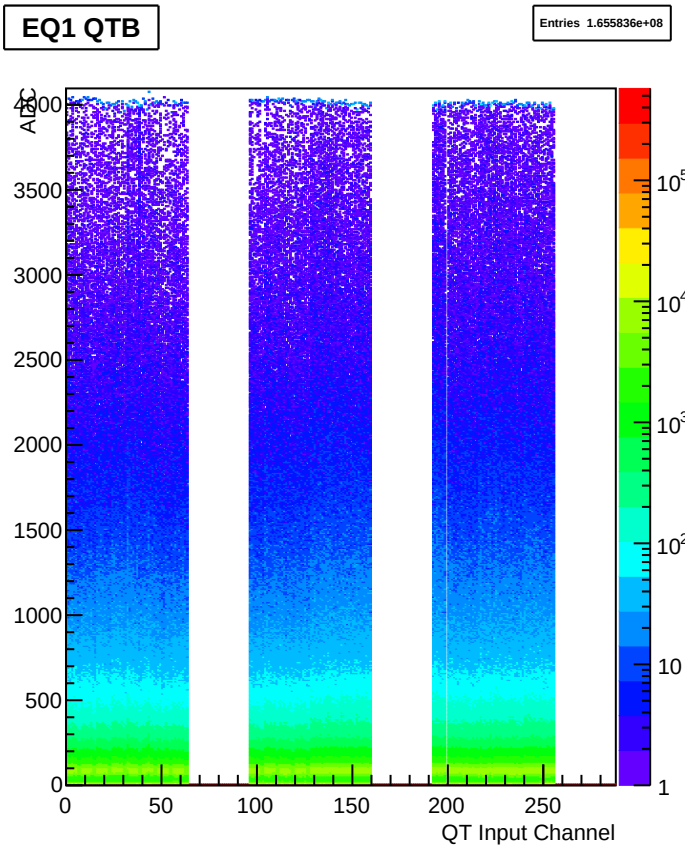

rawzdcWestTac
Entries 574943

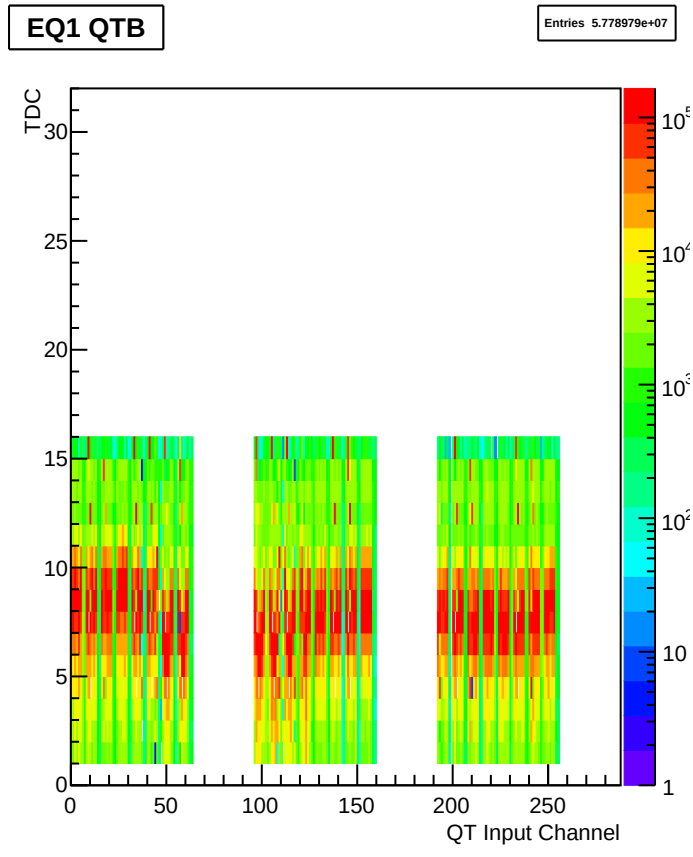

BBQ-VP001 East
Entries 9199088
ADC
QT Input Channel

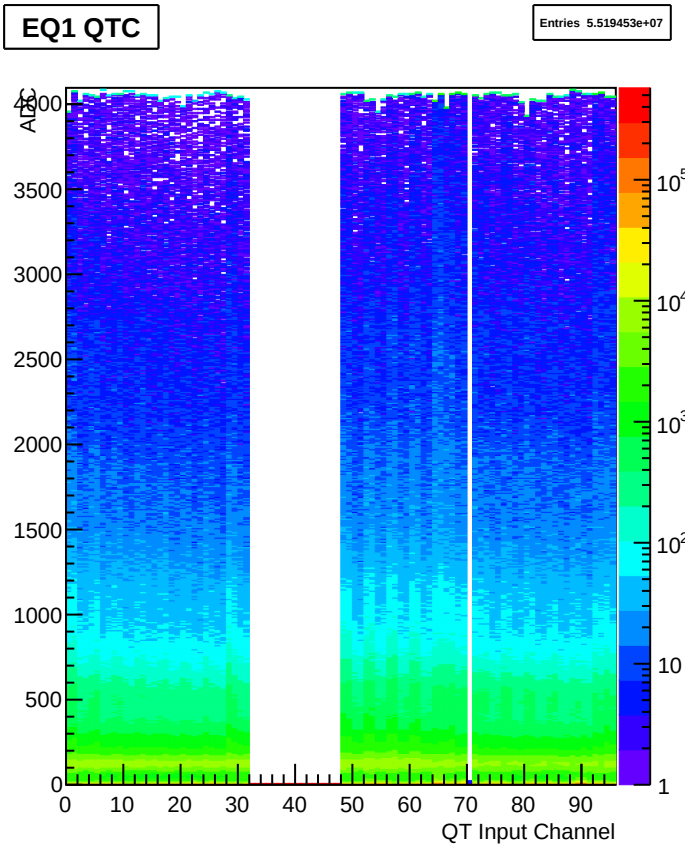

BBQ-VP001 East
Entries 9199088
ADC
QT Input Channel

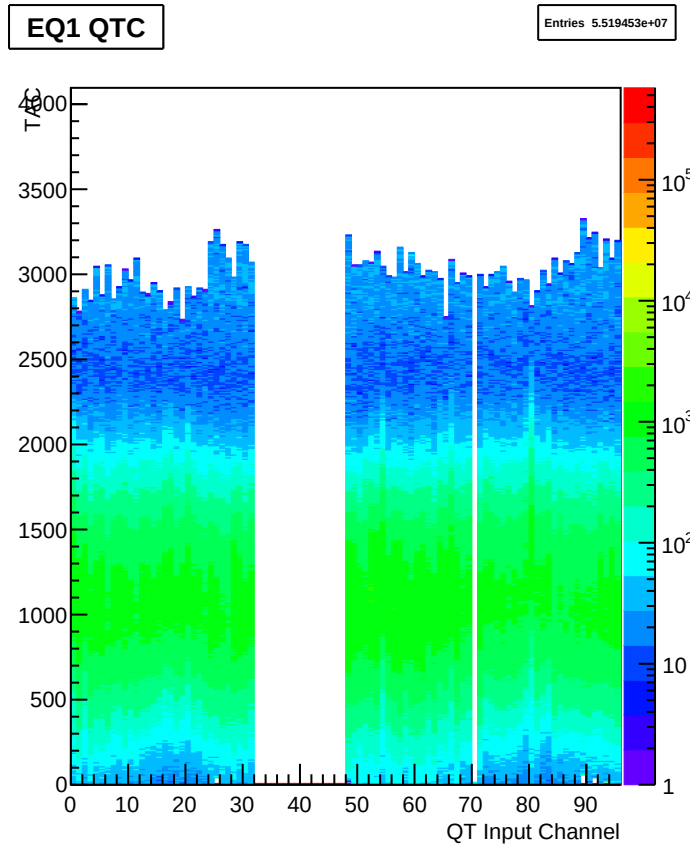

BBQ-VP002 West
Entries 9199088
ADC
QT Input Channel

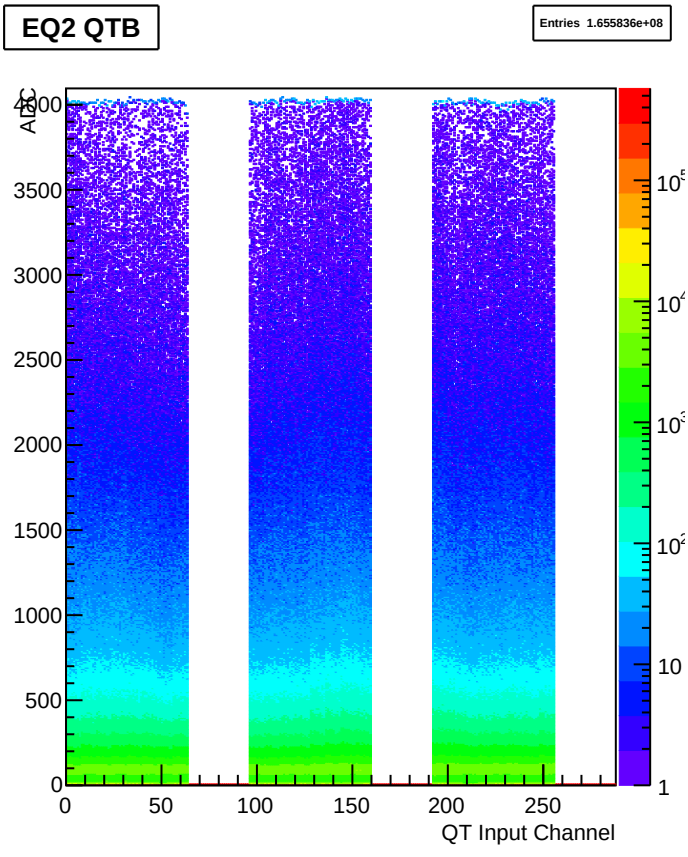

BBQ-VP002 West
Entries 9199088
ADC
QT Input Channel

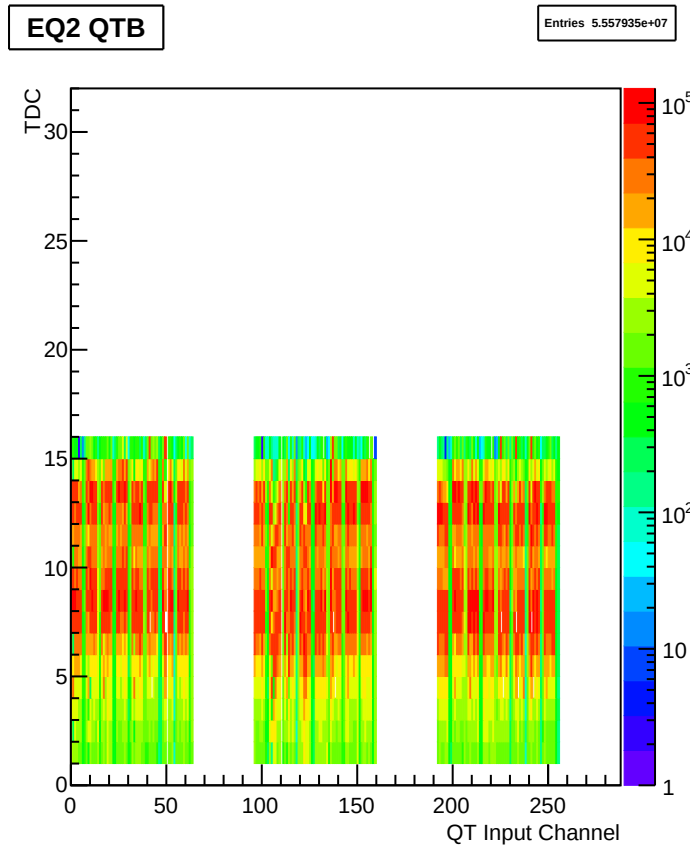

EQ1 QTB
Entries 1.655836e+08
ADC
QT Input Channel

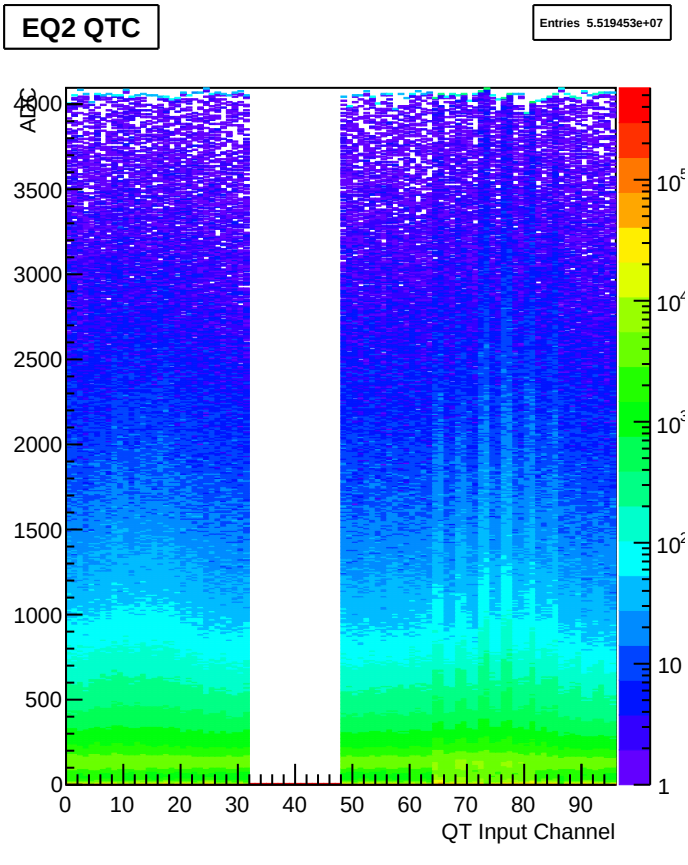

EQ1 QTB
Entries 5.778979e+07
TDC
QT Input Channel

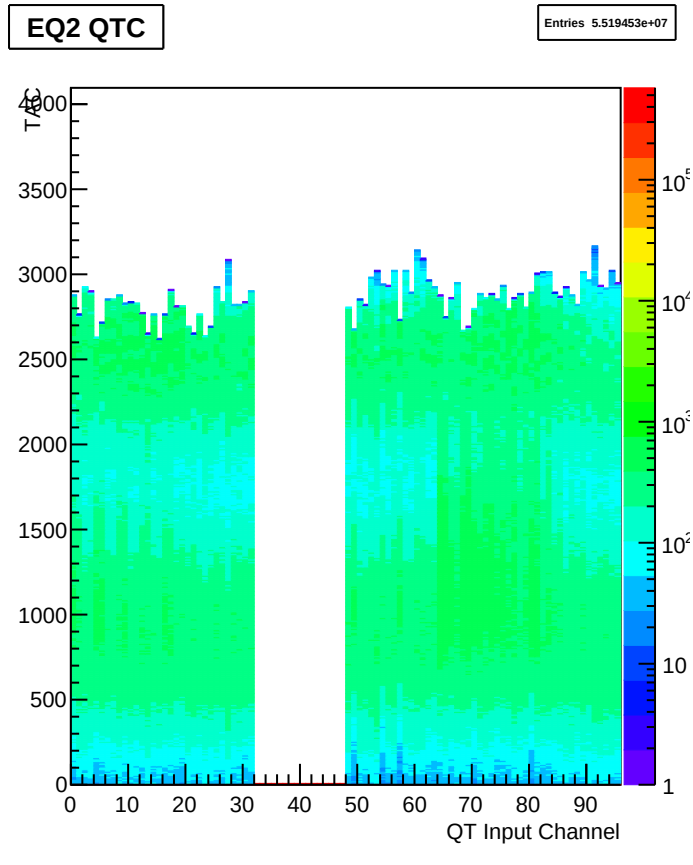

EQ1 QTC
Entries 5.519453e+07
ADC
QT Input Channel

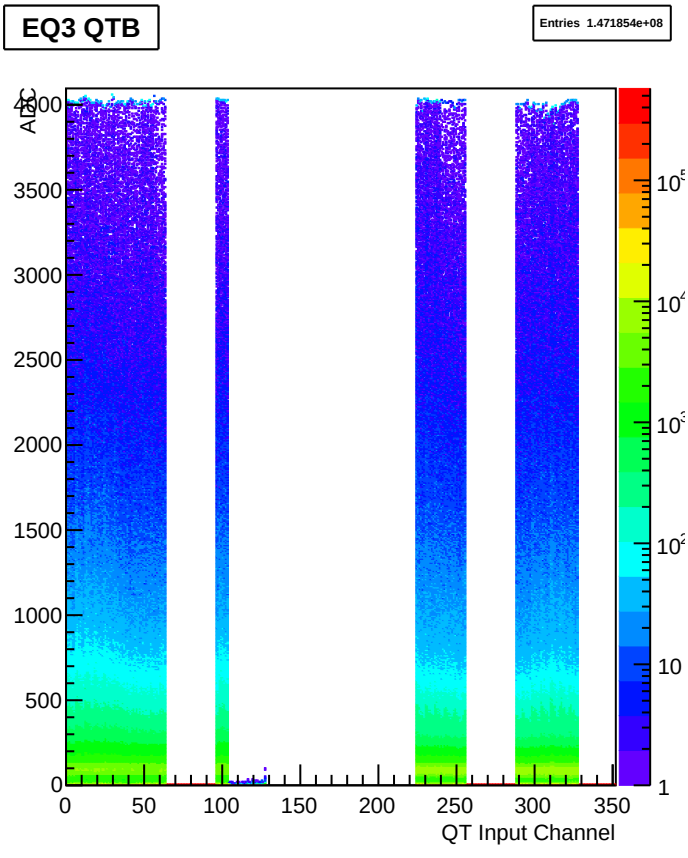

EQ1 QTC
Entries 5.519453e+07
TADC
QT Input Channel

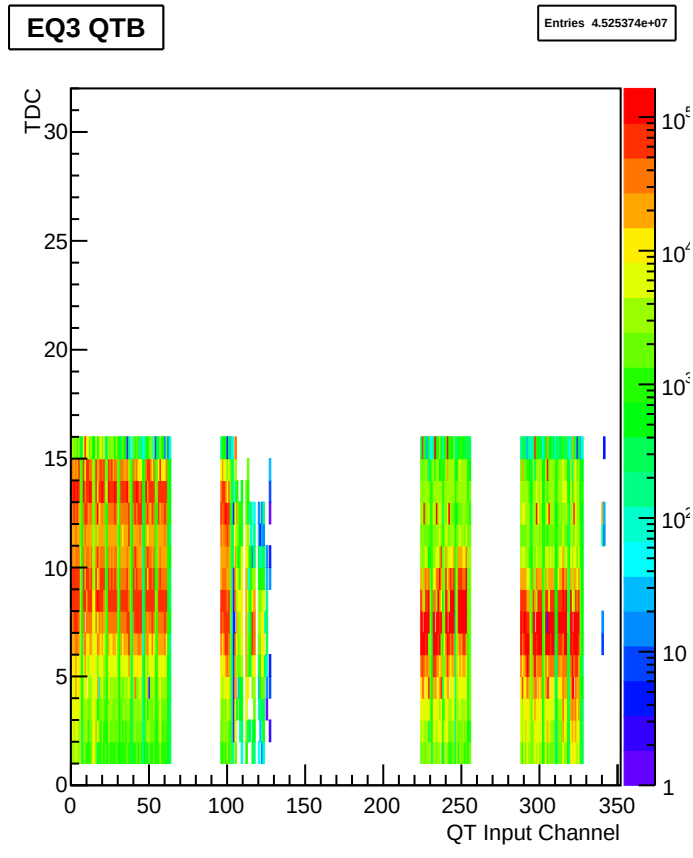

EQ2 QTB
Entries 1.655836e+08
ADC
QT Input Channel

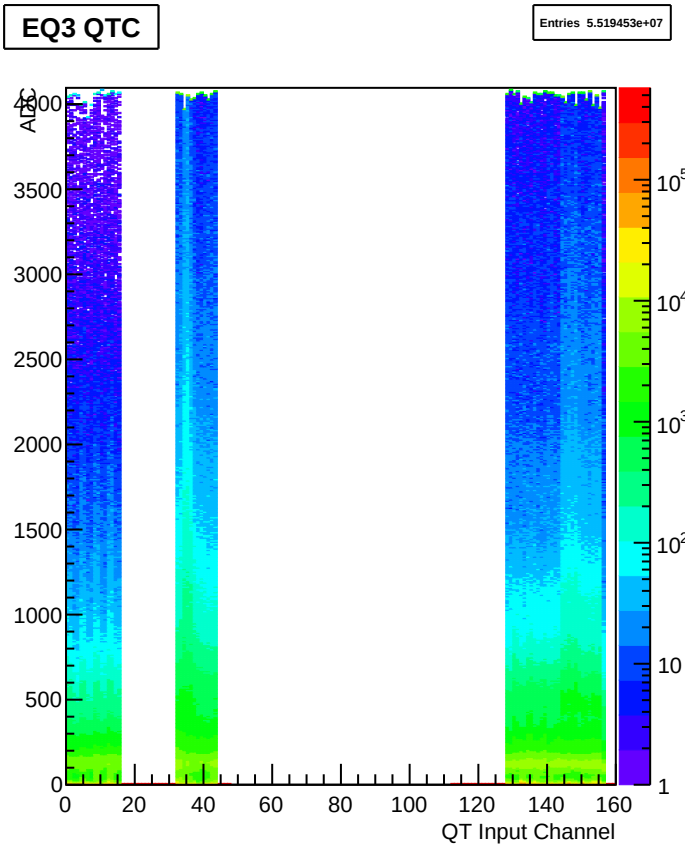

EQ2 QTB
Entries 5.557935e+07
TDC
QT Input Channel

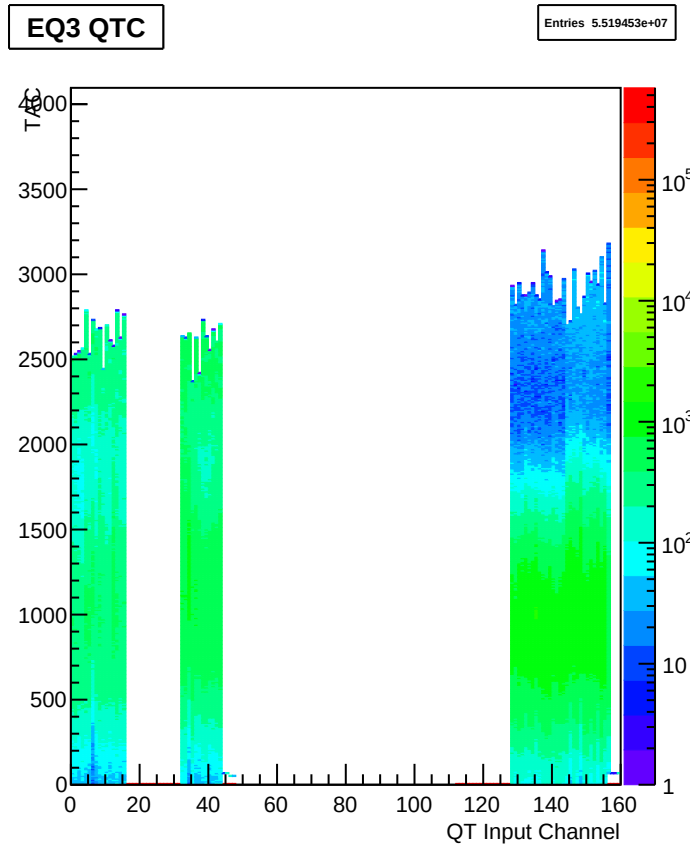

EQ2 QTC
Entries 5.519453e+07
ADC
QT Input Channel

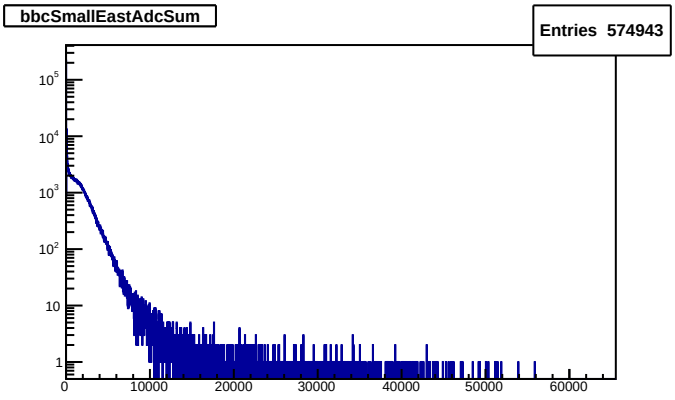

EQ2 QTC
Entries 5.519453e+07
TADC
QT Input Channel

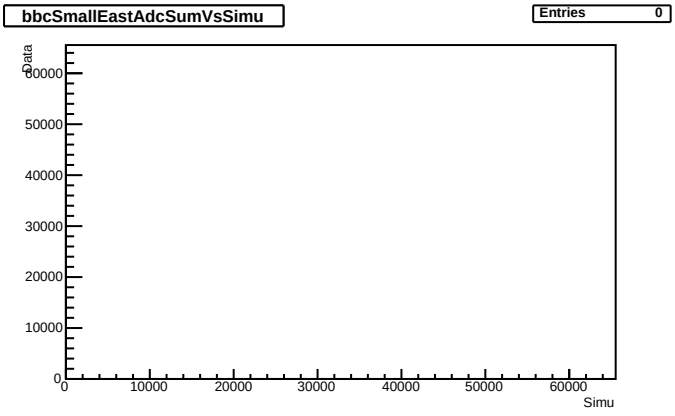

EQ3 QTB
Entries 1.471854e+08
ADC
QT Input Channel

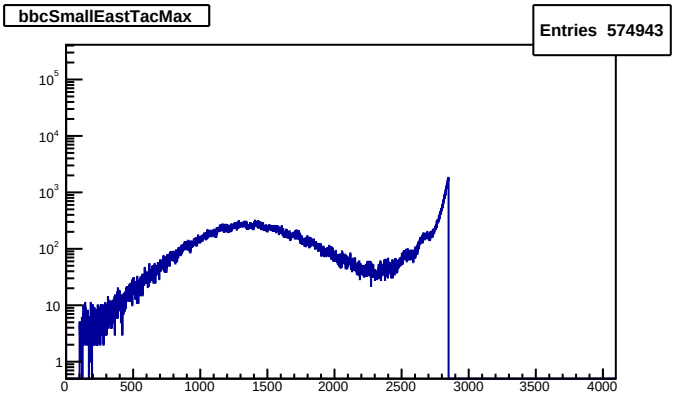

EQ3 QTB
Entries 4.525374e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.519453e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.519453e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 574943


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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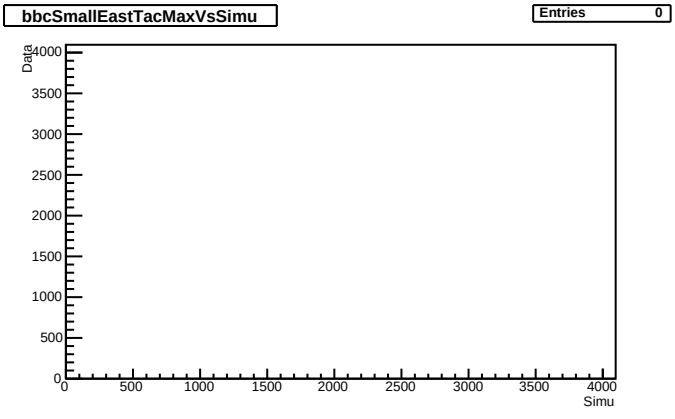
Entries 574943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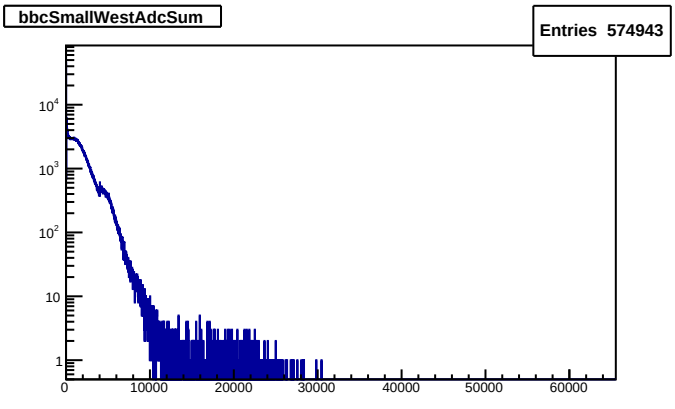
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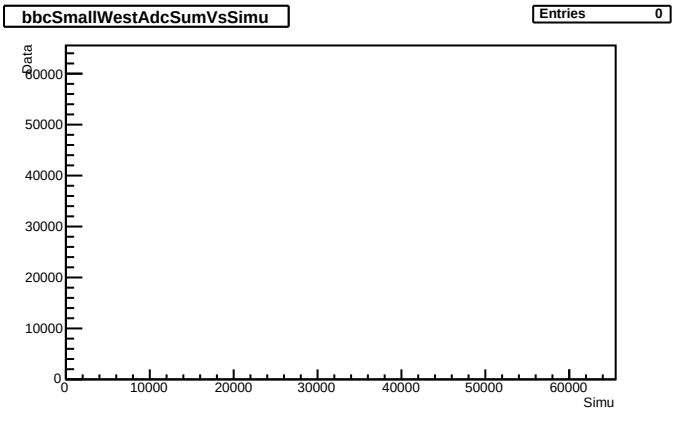
Entries 574943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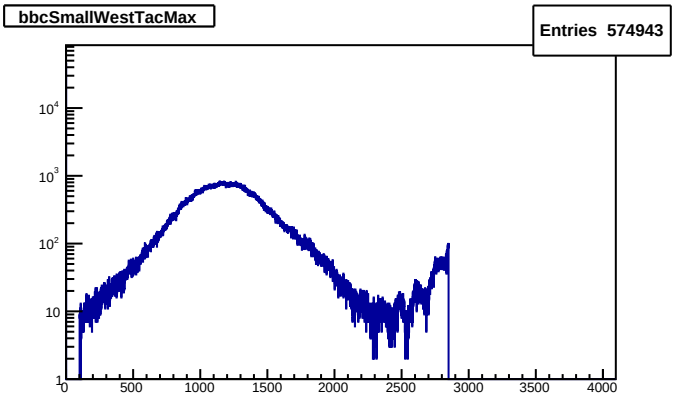
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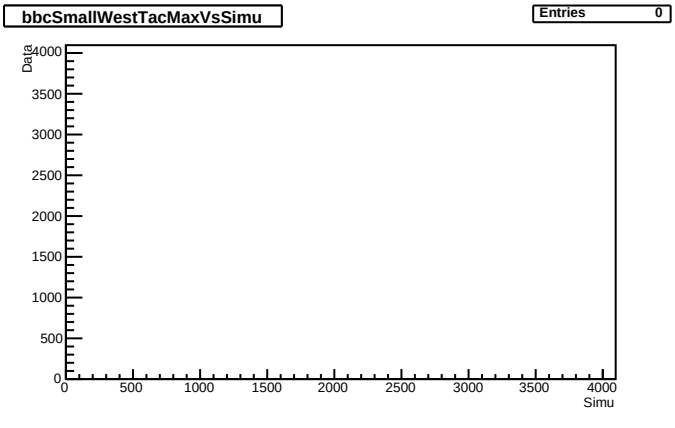
Entries 574943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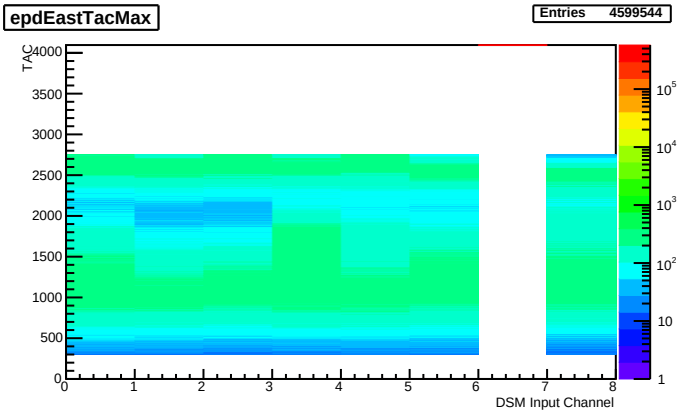
Entries 0
Data
Simu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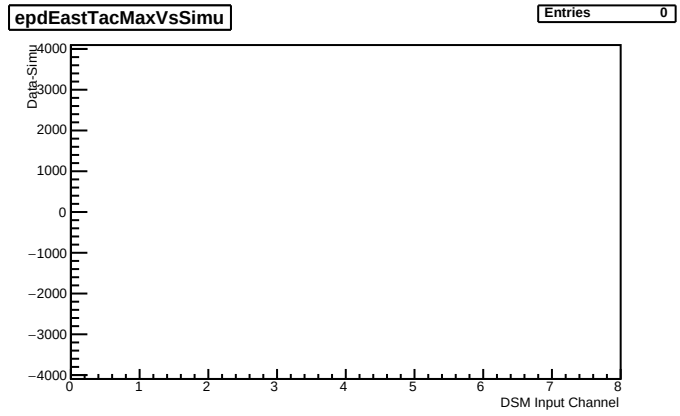
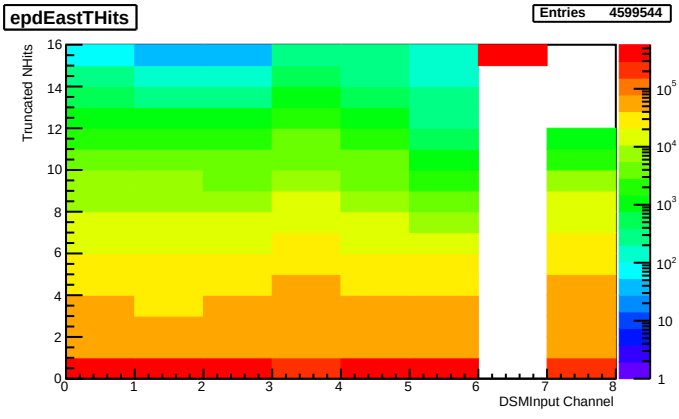
Entries 4599544
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4599544
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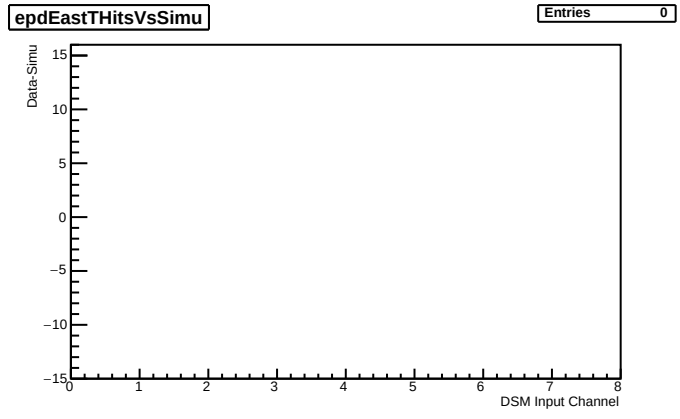
DSMInput Channel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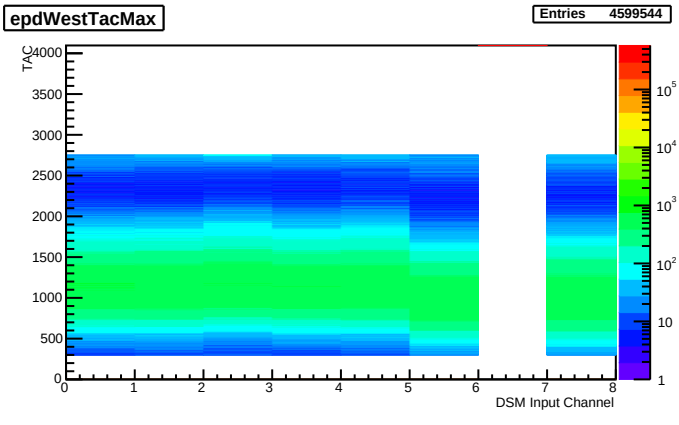
DSM Input Channel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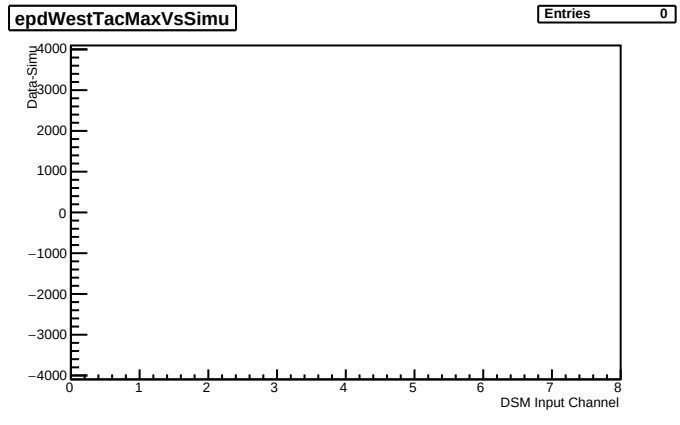
DSM Input Channel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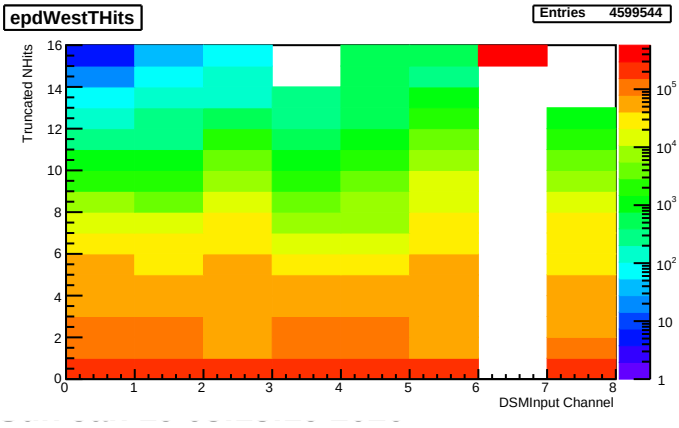
DSM Input Channel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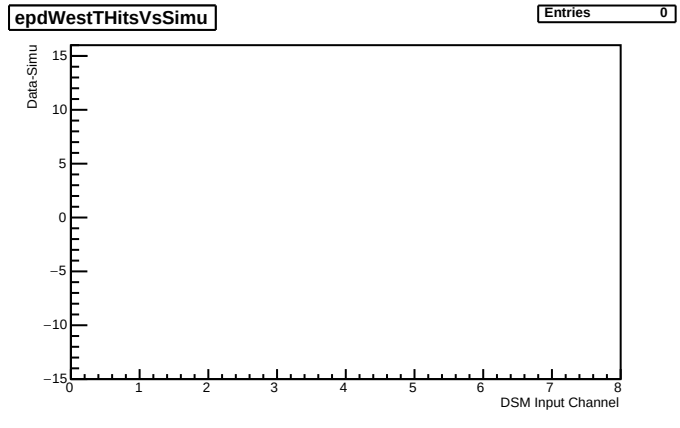
Entries 4599544
Truncated NHits
DSMInput Channel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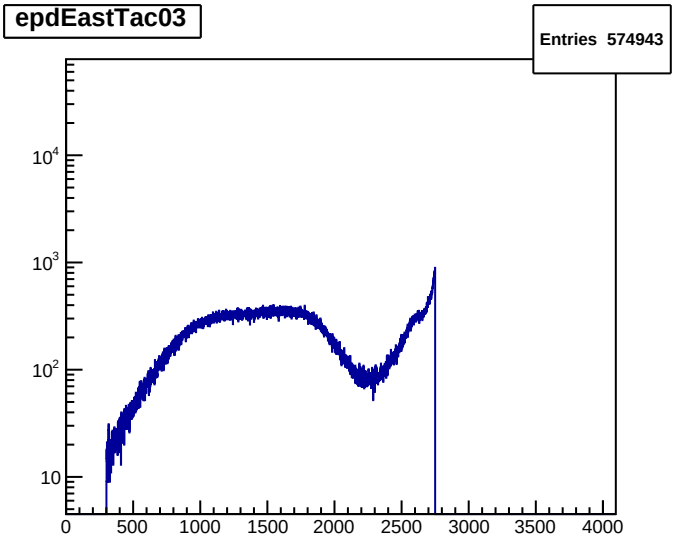
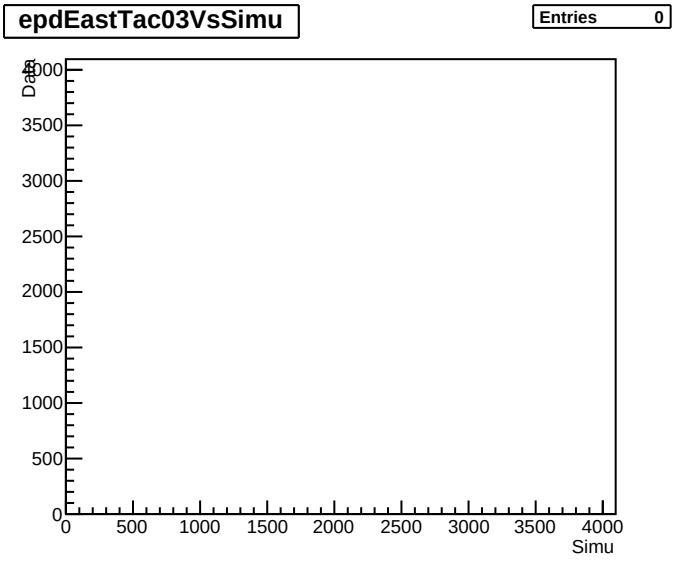
Data-Simu
DSM Input Channel


epdEastTac03
Entries 574943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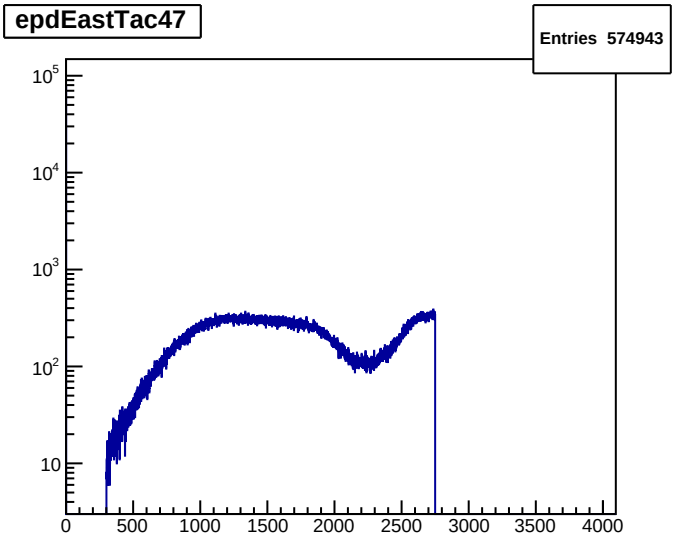
Entries 0
Data
Simu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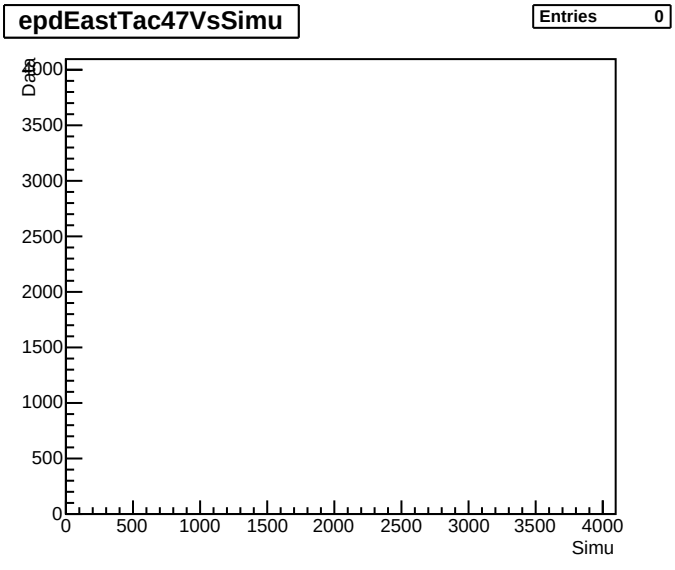
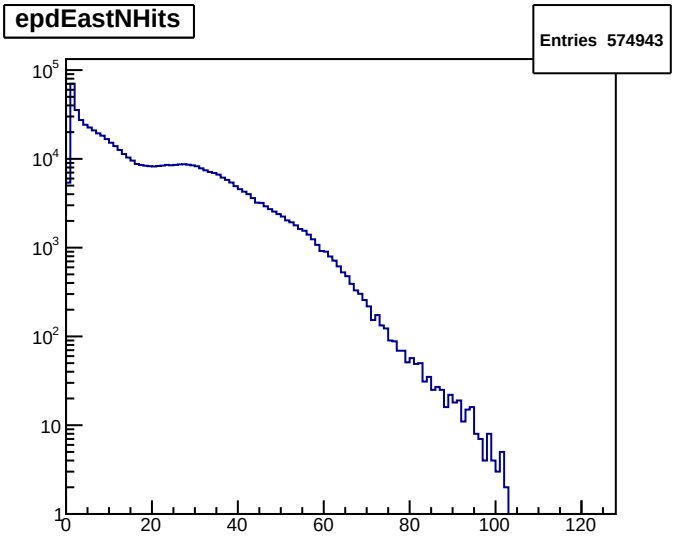
Entries 574943


epdEastTac47VsSimu
Entries 0
Data
Simu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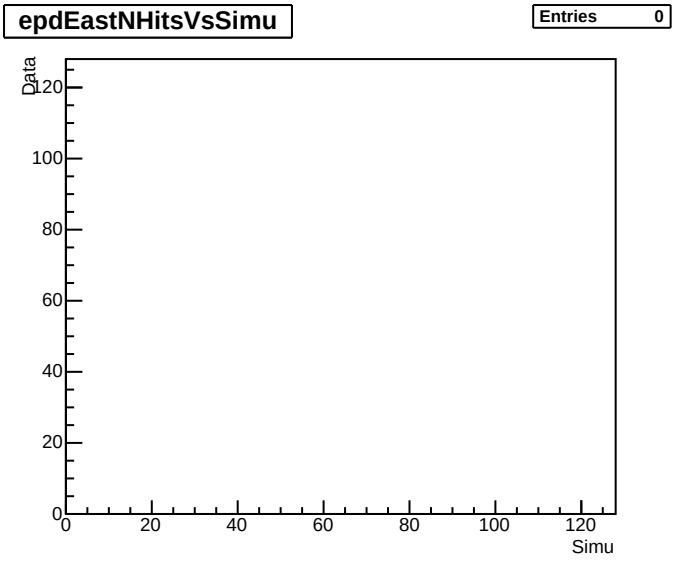
Entries 574943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Entries 0
Data
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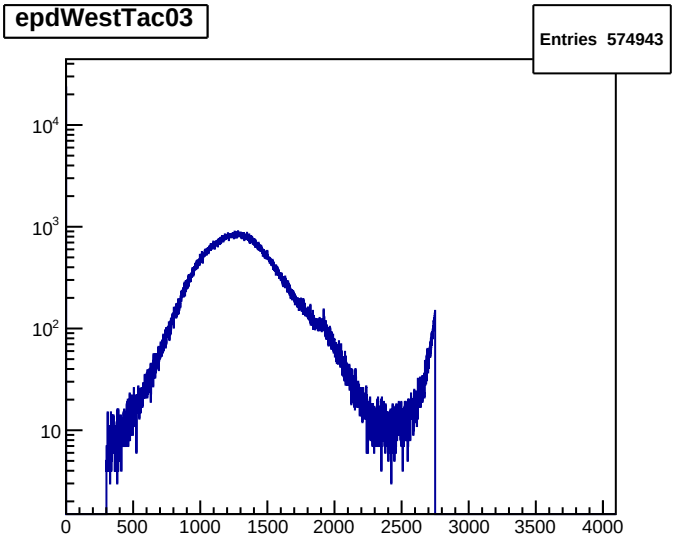
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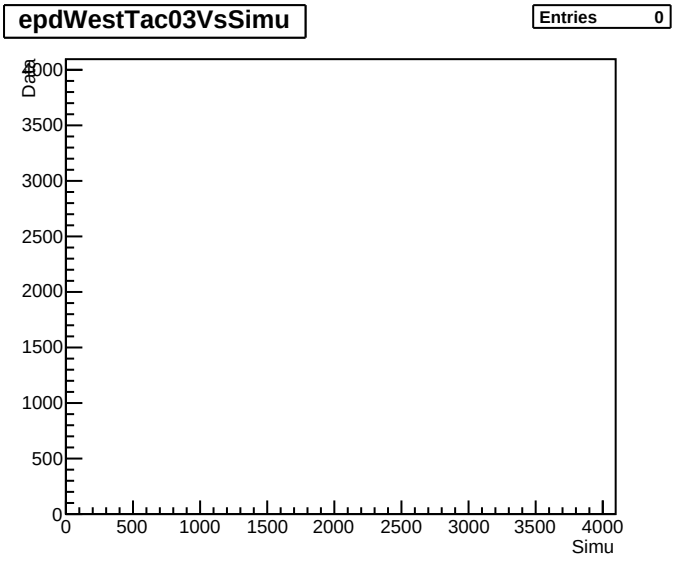
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Data
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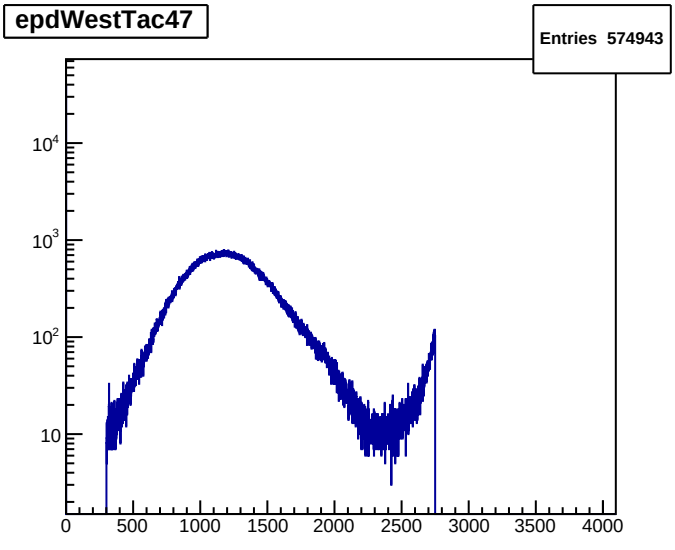
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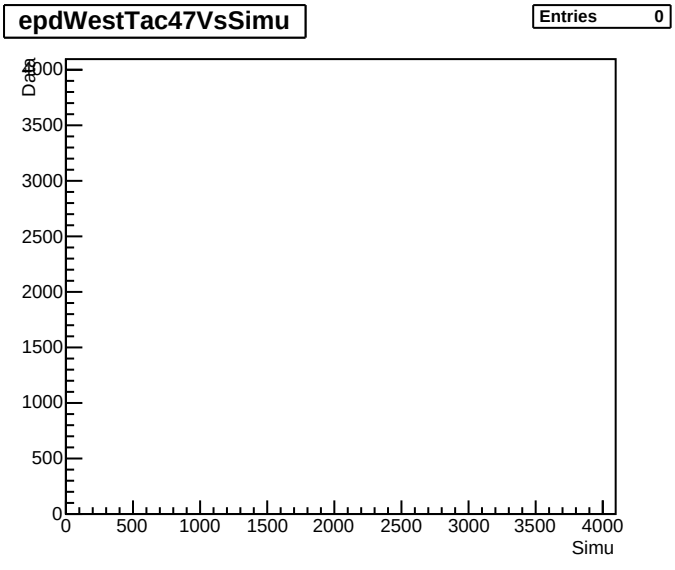
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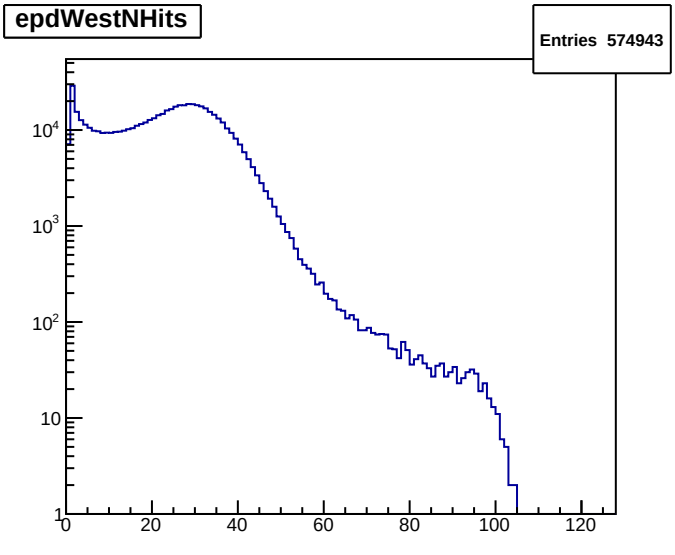
Entries 0
Data
Simu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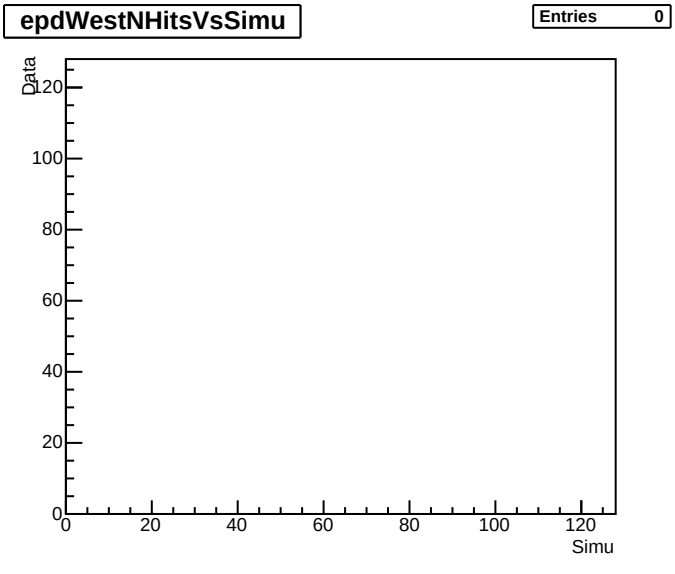
Entries 574943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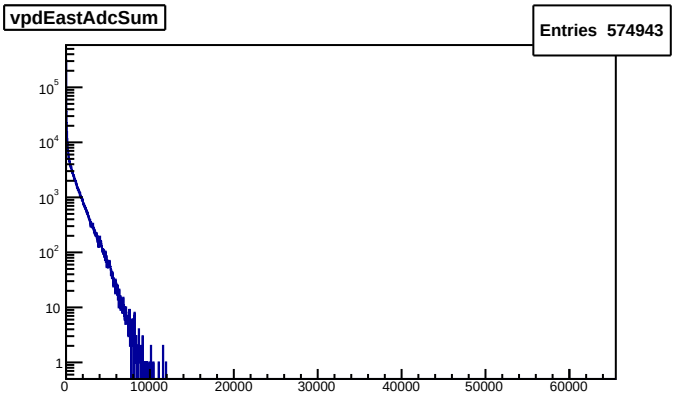
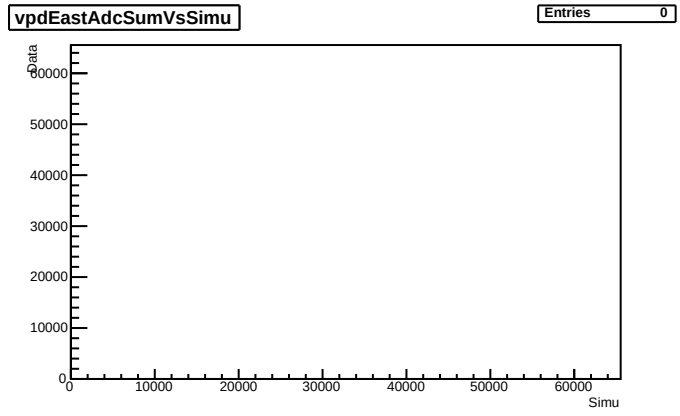
Entries 0
Data
Simu


vpdEastAdcSum
Entries 574943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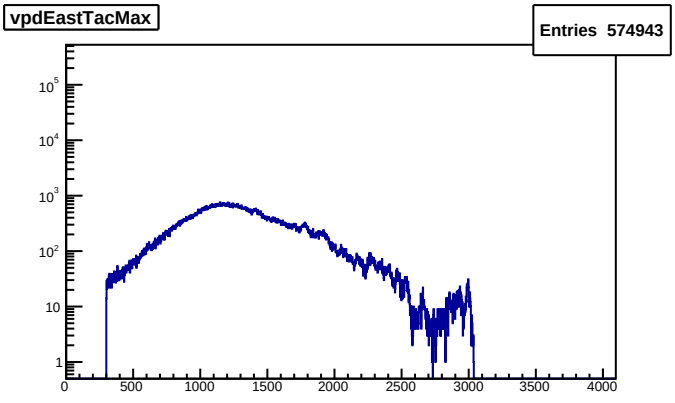
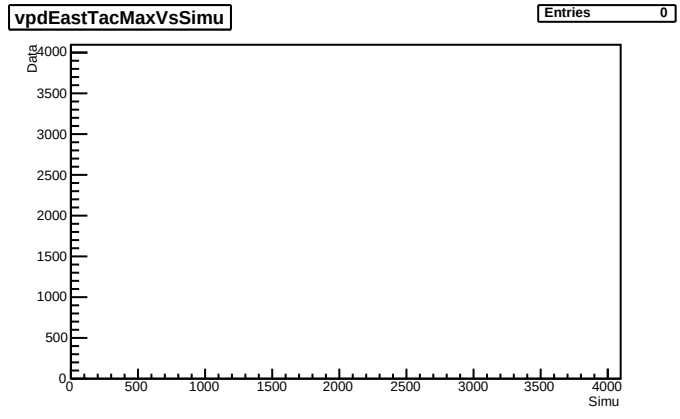
Entries 0
Data
Simu


vpdEastTacMax
Entries 574943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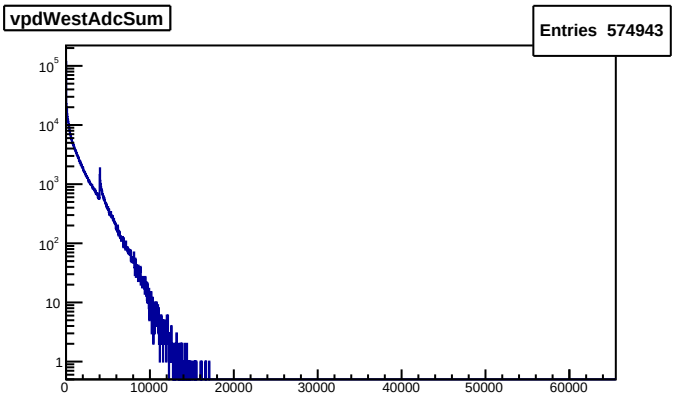
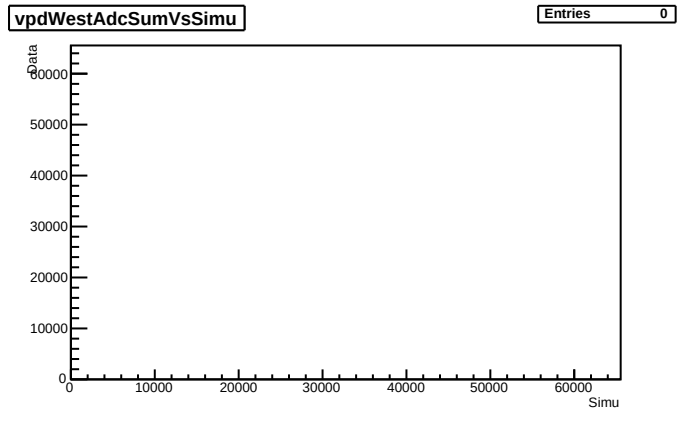
Entries 0
Data
Simu


vpdWestAdcSum
Entries 574943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Entries 0
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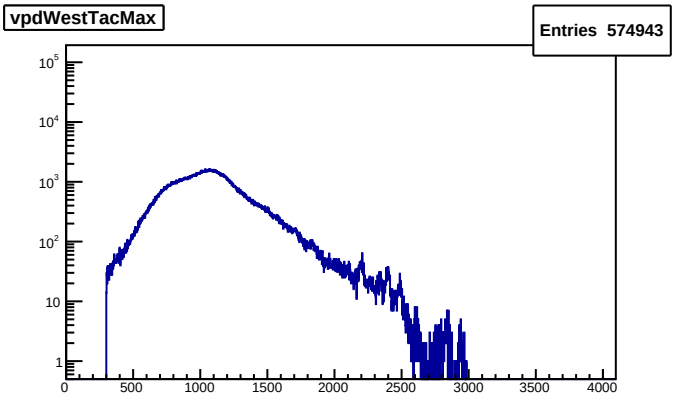
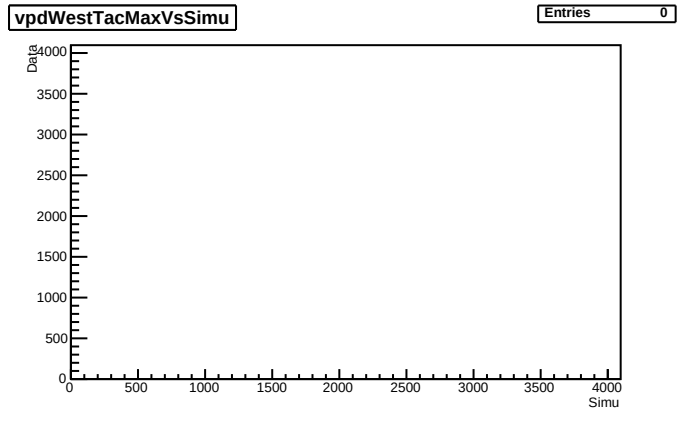
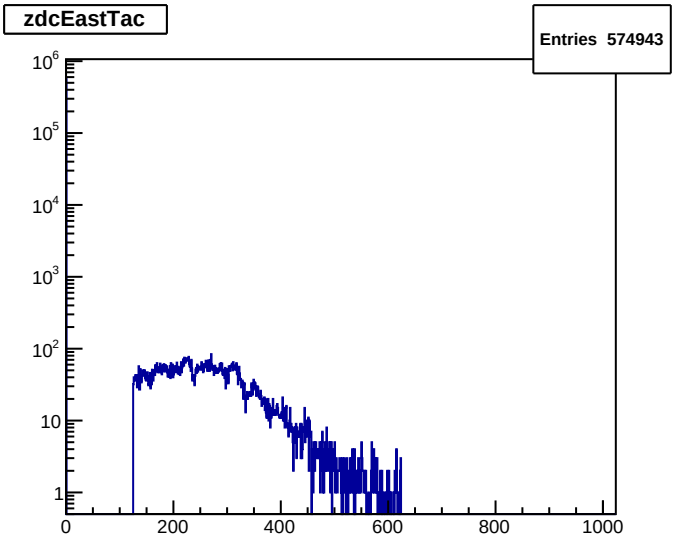
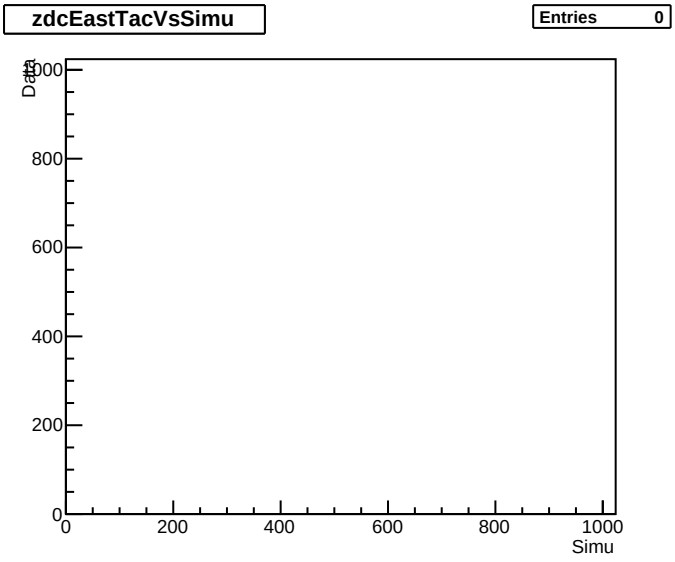
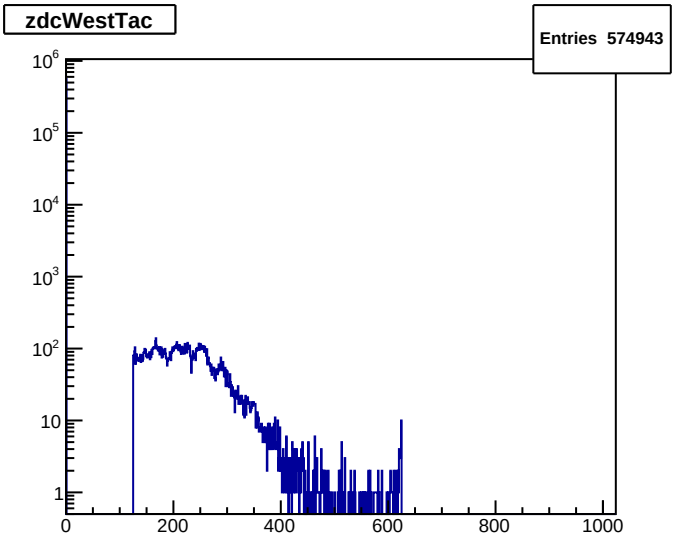
Simu

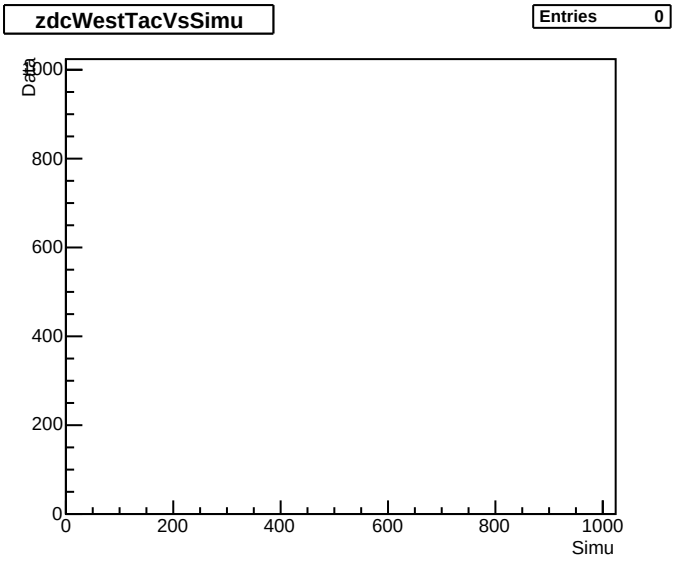

vpdWestTacMax
Entries 574943

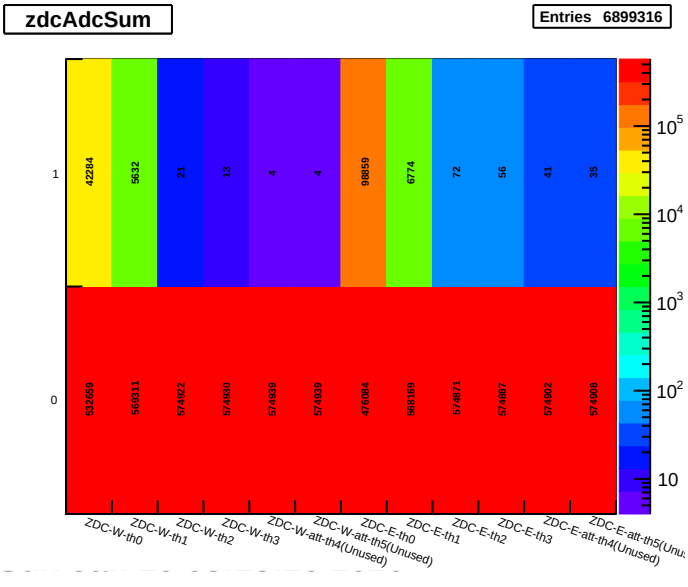

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

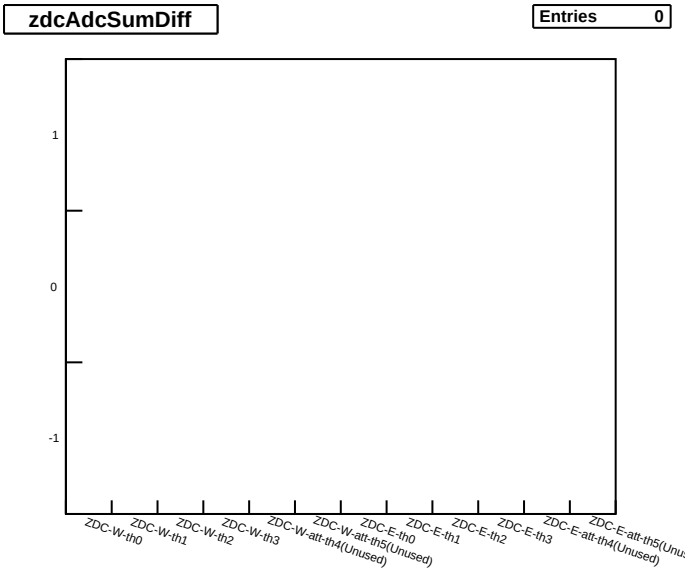

zdcEastTac
Entries 574943

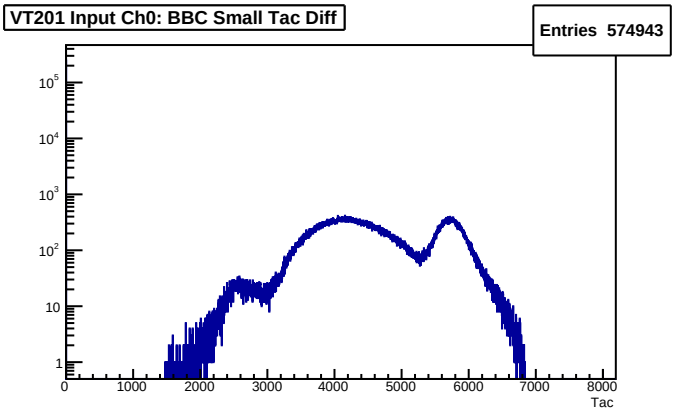

zdcEastTacVsSimu
Entries 0
Data
Simu

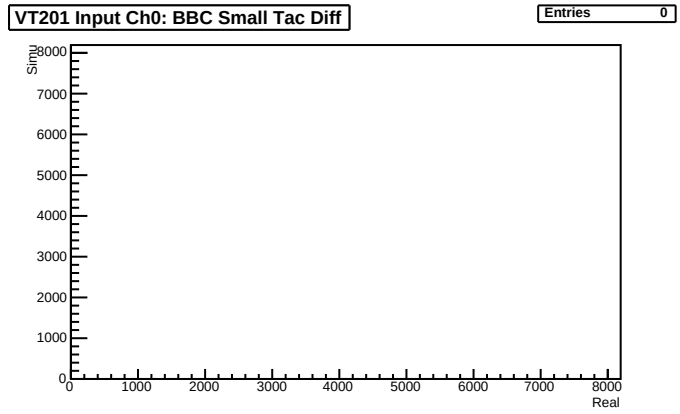

zdcWestTac
Entries 574943

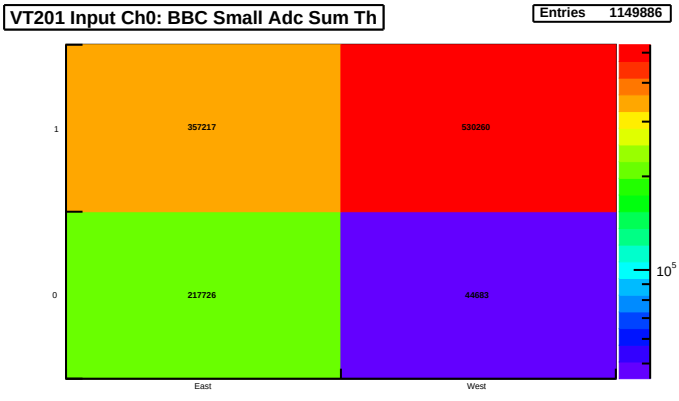

zdcWestTacVsSimu
Entries 0
Data
Simu

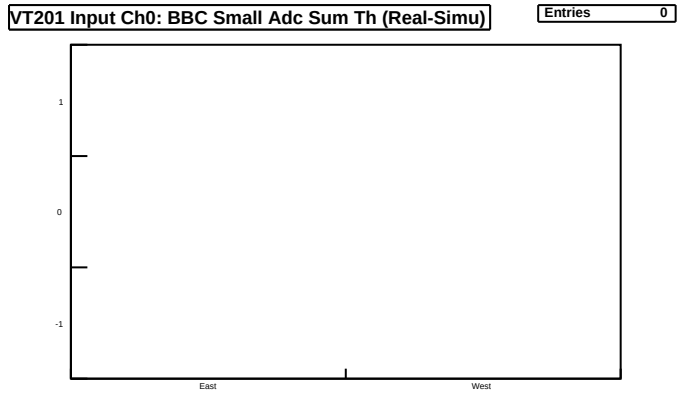

zdcAdcSum
Entries 6899316
42284
5632
21
13
4
4
98859
6774
72
56
41
35
532659
568311
574922
574930
574939
574939
476084
568169
574871
574887
574902
574908
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

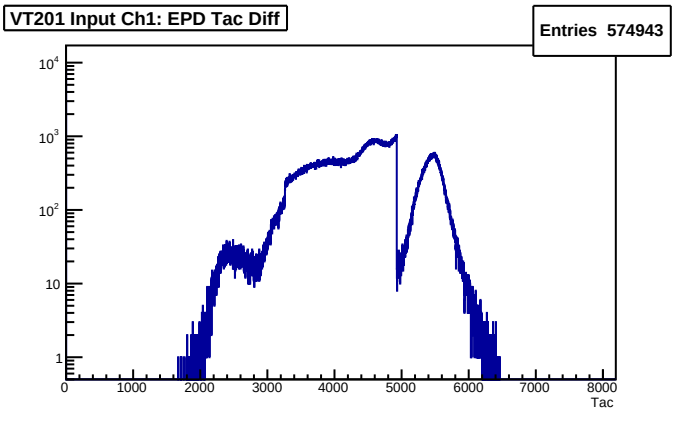

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

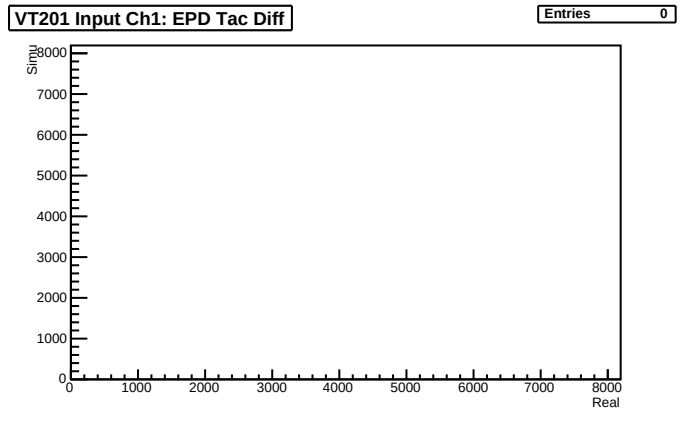

VT201 Input Ch0: BBC Small Tac Diff
Entries 574943
Tac

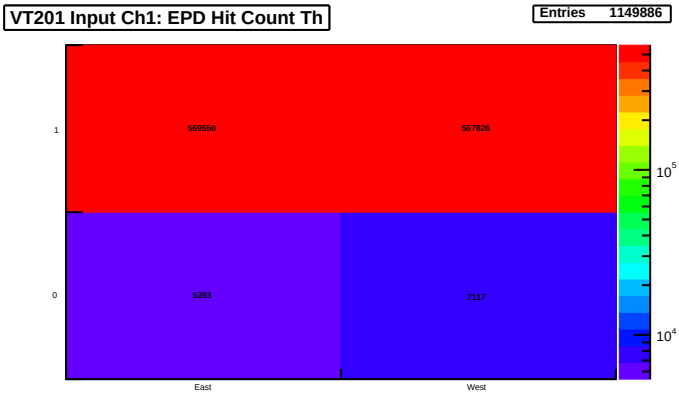

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

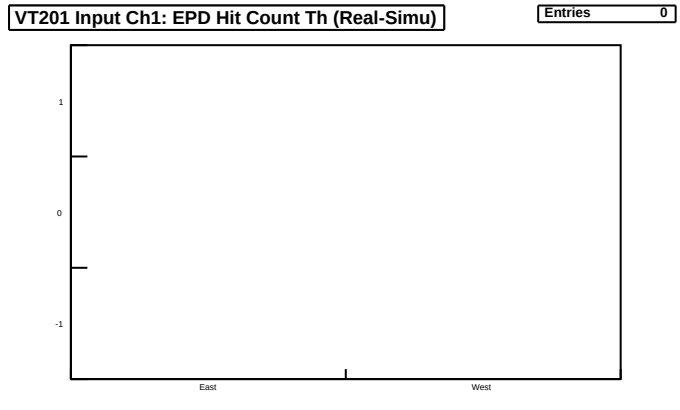

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1149886
357217
530260
217726
44683
East
West

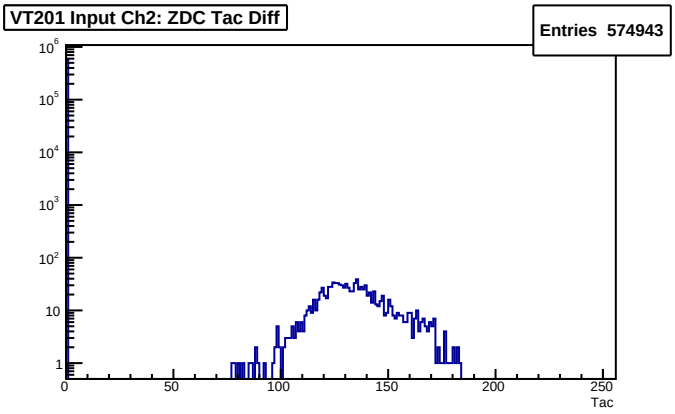

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

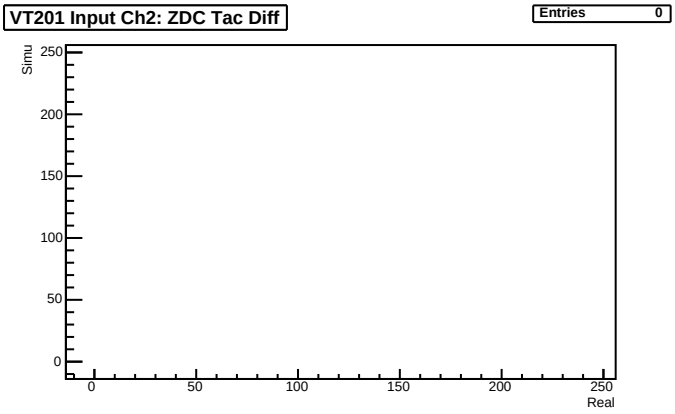

VT201 Input Ch1: EPD Tac Diff
Entries 574943
Tac

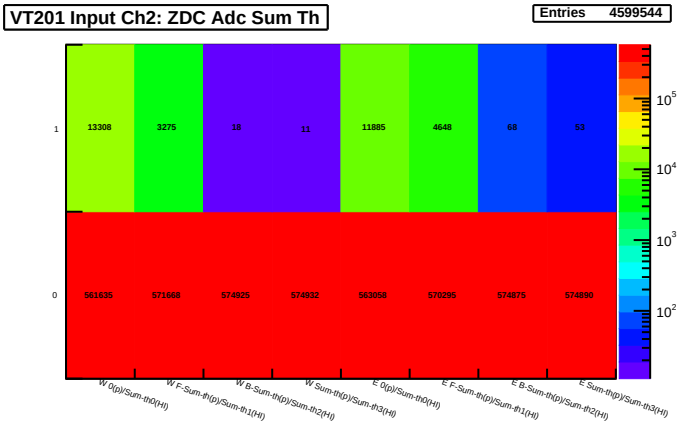

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

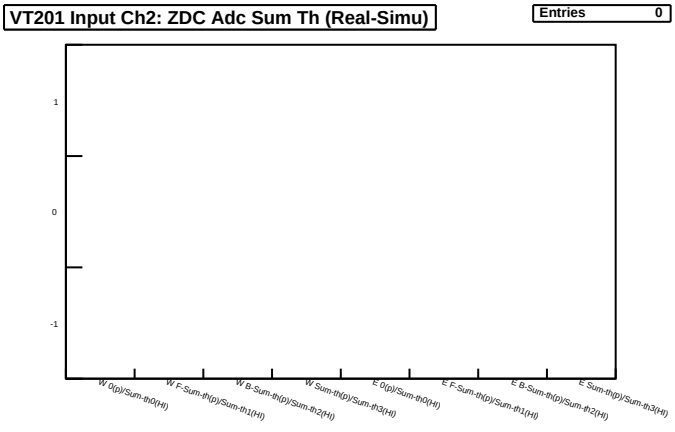

VT201 Input Ch1: EPD Hit Count Th
Entries 1149886
569550
567826
5393
7117
East
West

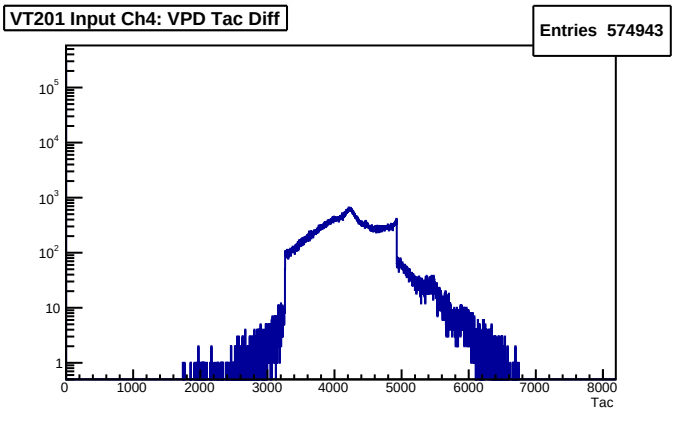

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

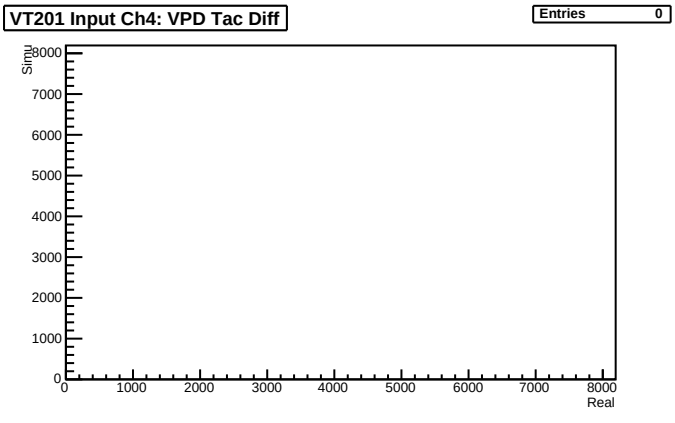

VT201 Input Ch2: ZDC Tac Diff
Entries 574943
Tac

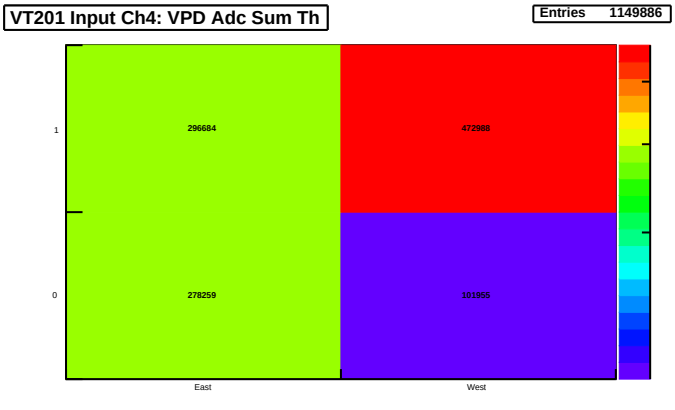

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

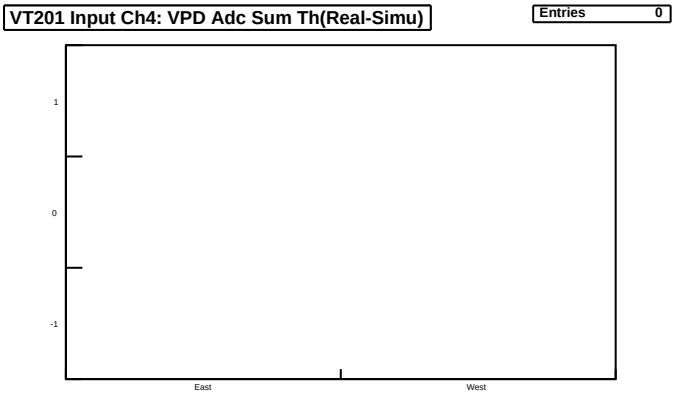

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4599544
13308
3275
18
11
11885
4648
68
53
561635
571668
574925
574932
563058
570295
574875
574890
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

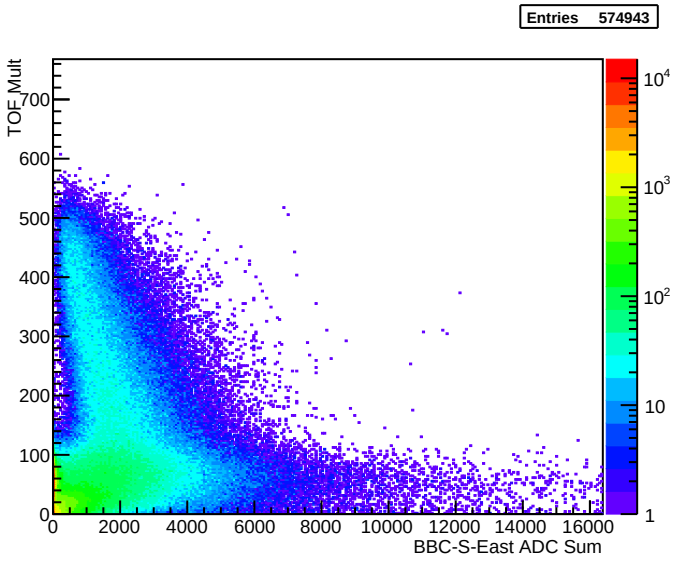

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

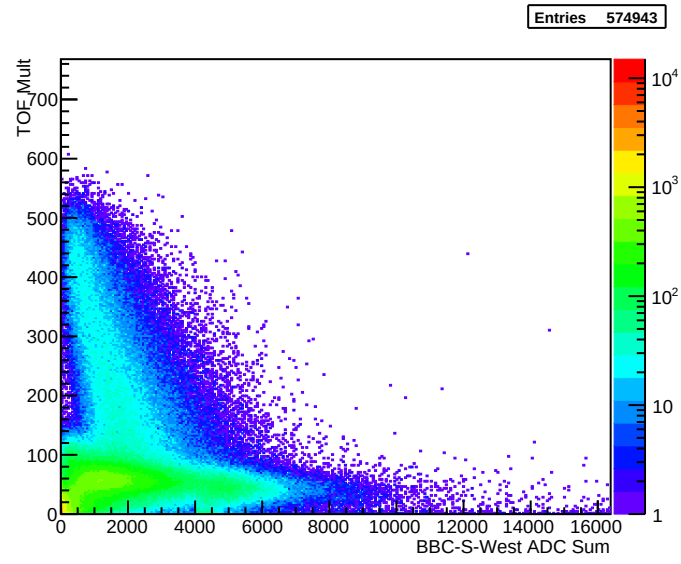

VT201 Input Ch4: VPD Tac Diff
Entries 574943
Tac

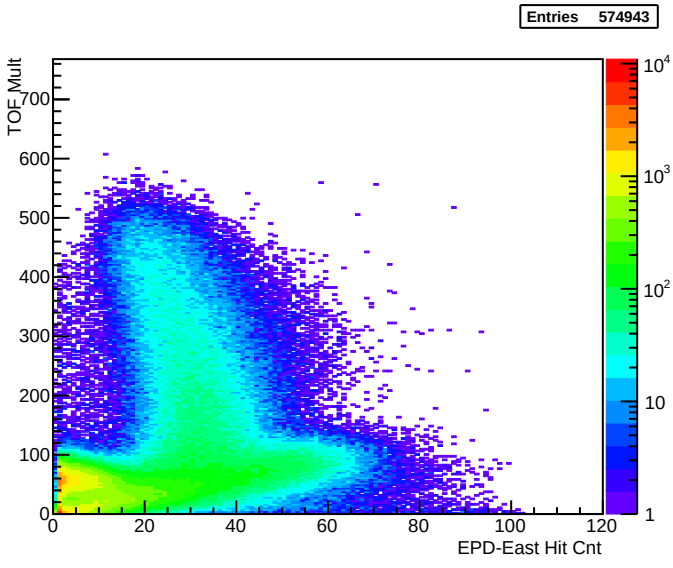

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

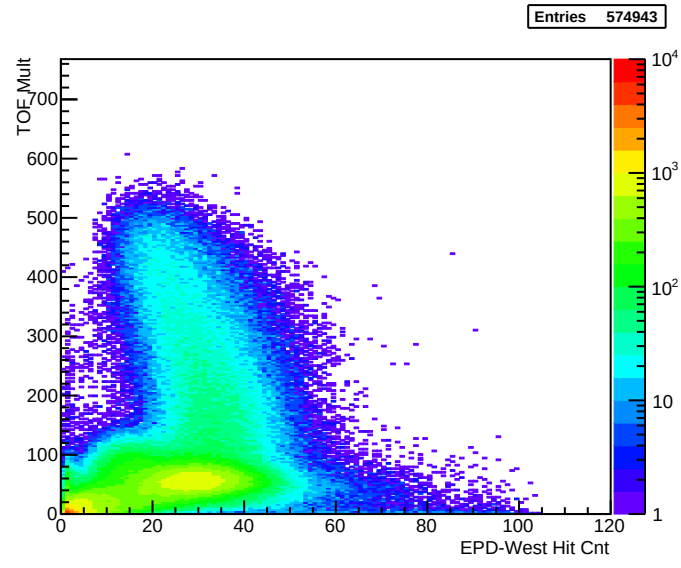

VT201 Input Ch4: VPD Adc Sum Th
Entries 1149886
296684
472988
278259
101955
East
West

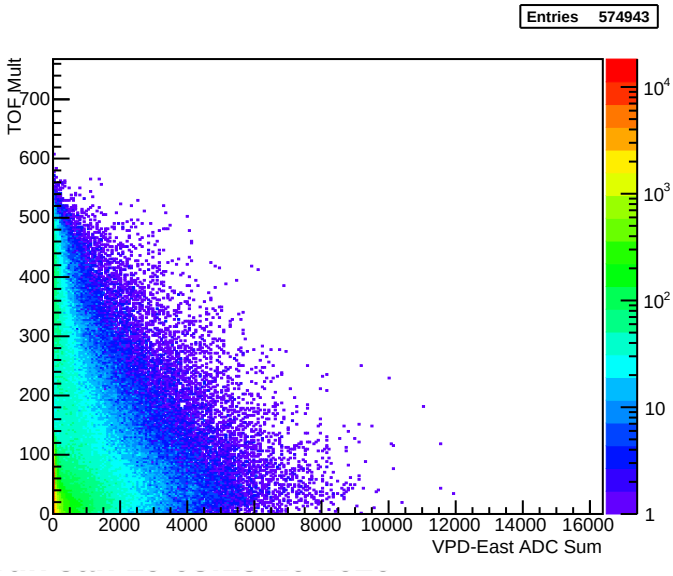

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

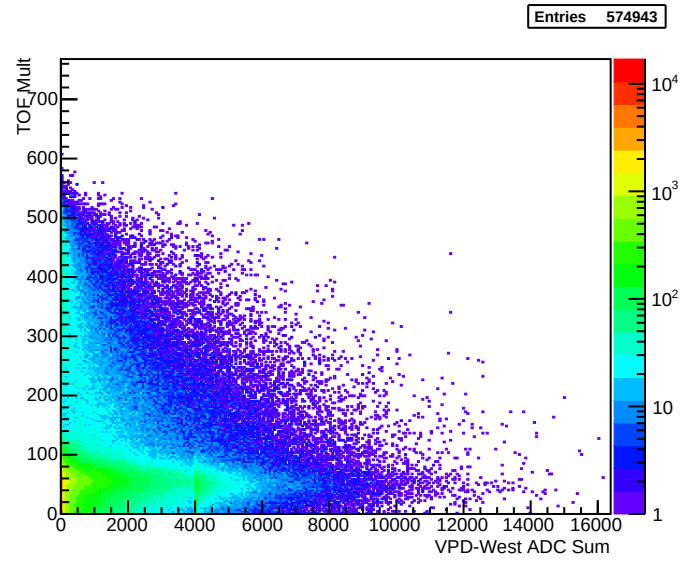

Entries 574943
TOF_Mult
BBC-S-East ADC Sum

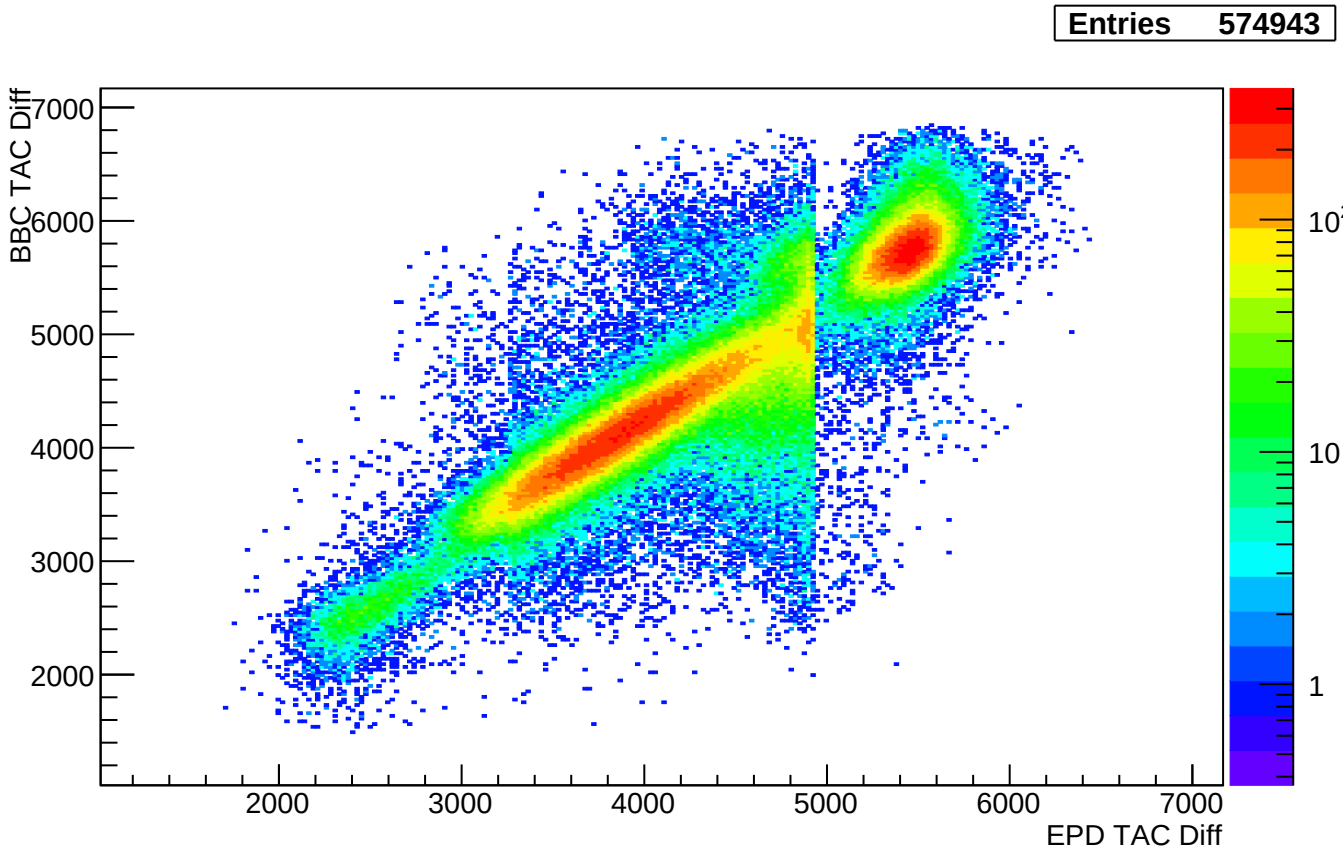

Entries 574943
TOF_Mult
BBC-S-West ADC Sum

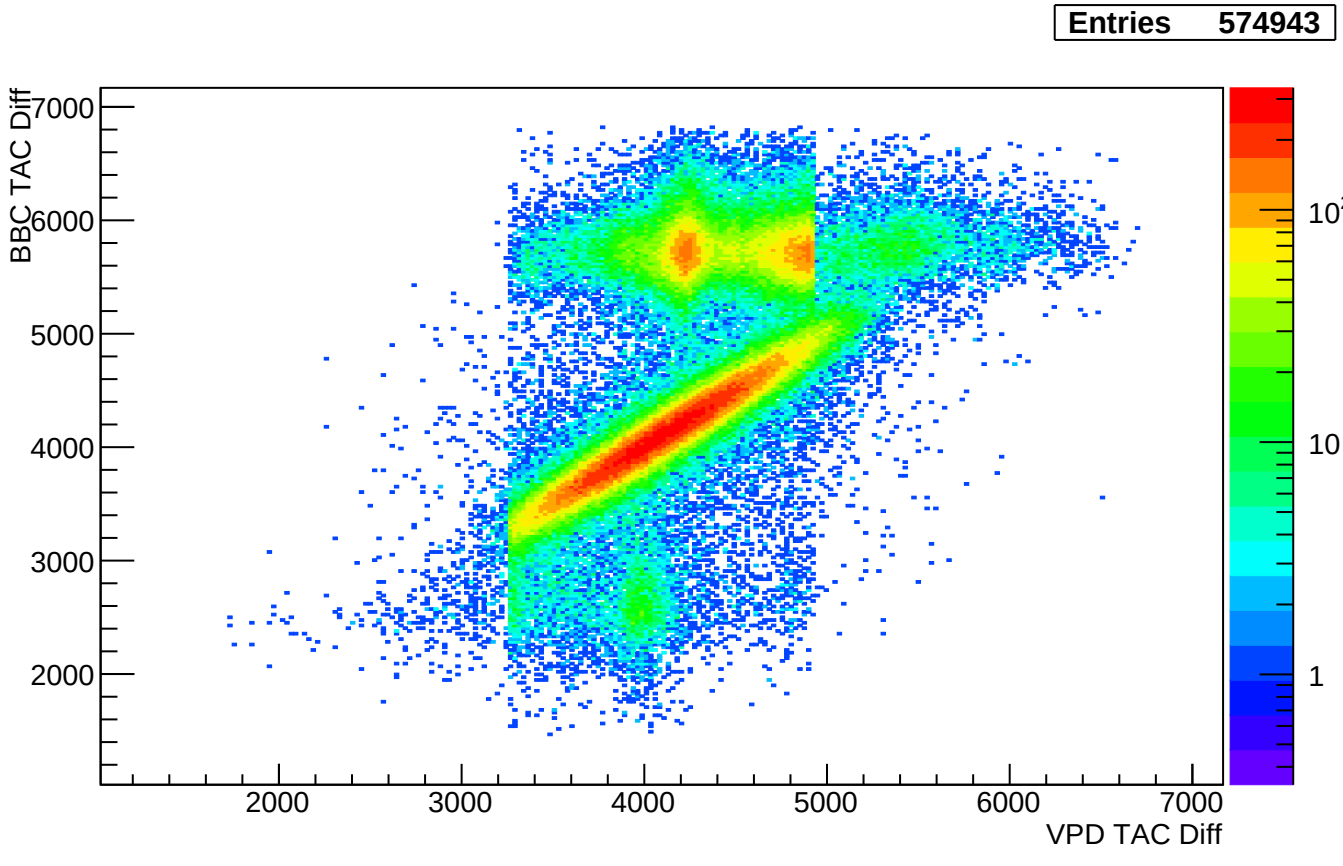

Entries 574943
TOF_Mult
EPD-East Hit Cnt

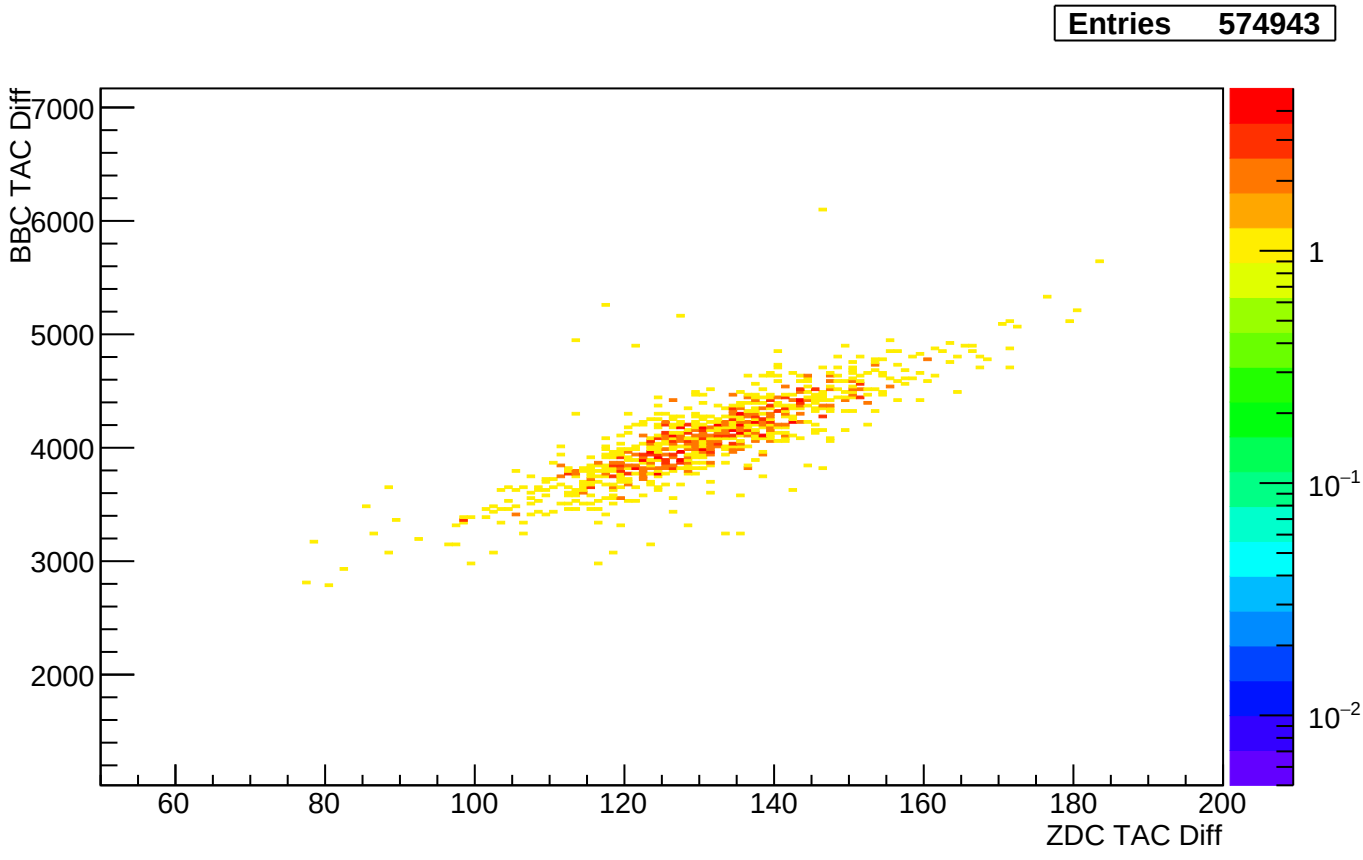

Entries 574943
TOF_Mult
EPD-West Hit Cnt

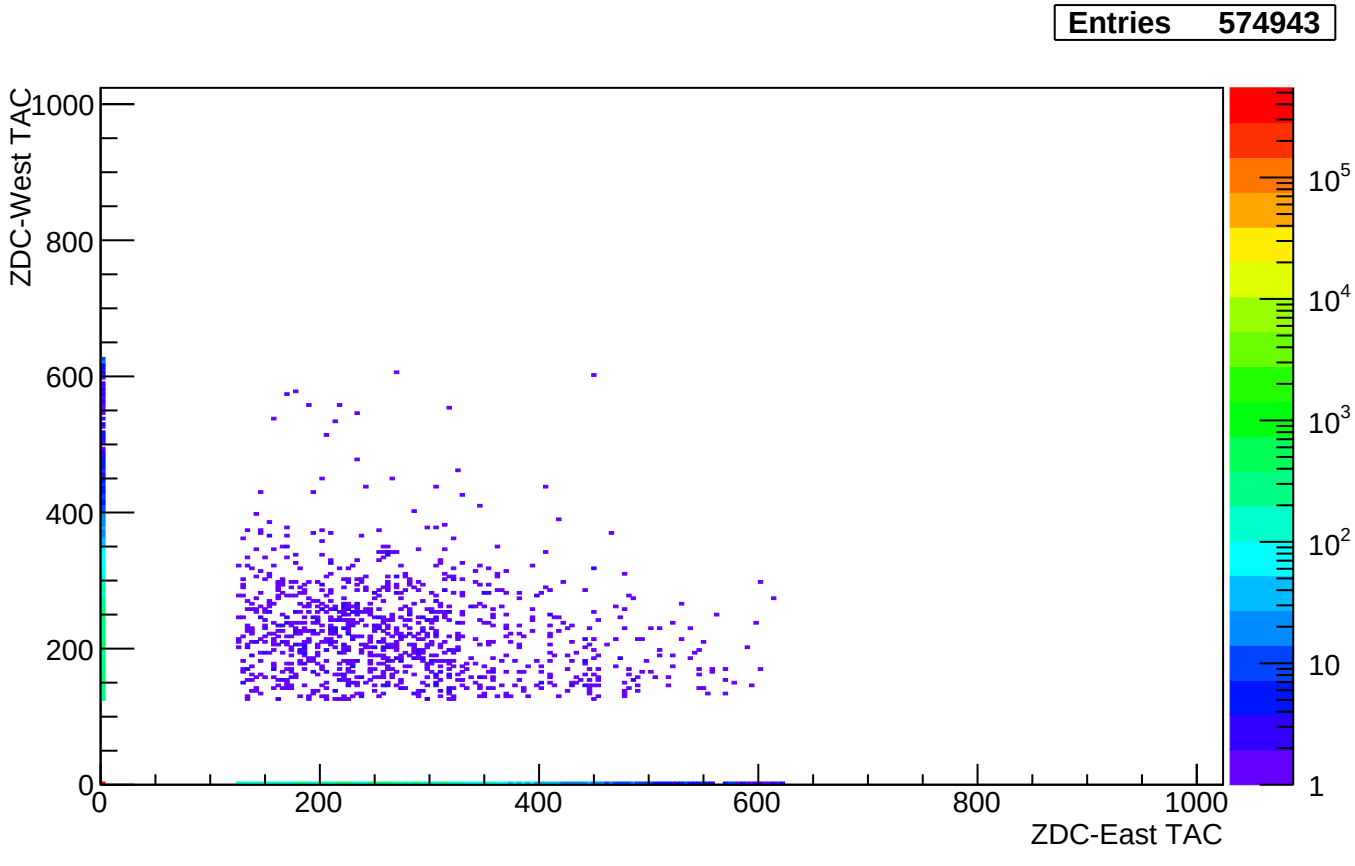

Entries 574943
TOF_Mult
VPD-East ADC Sum

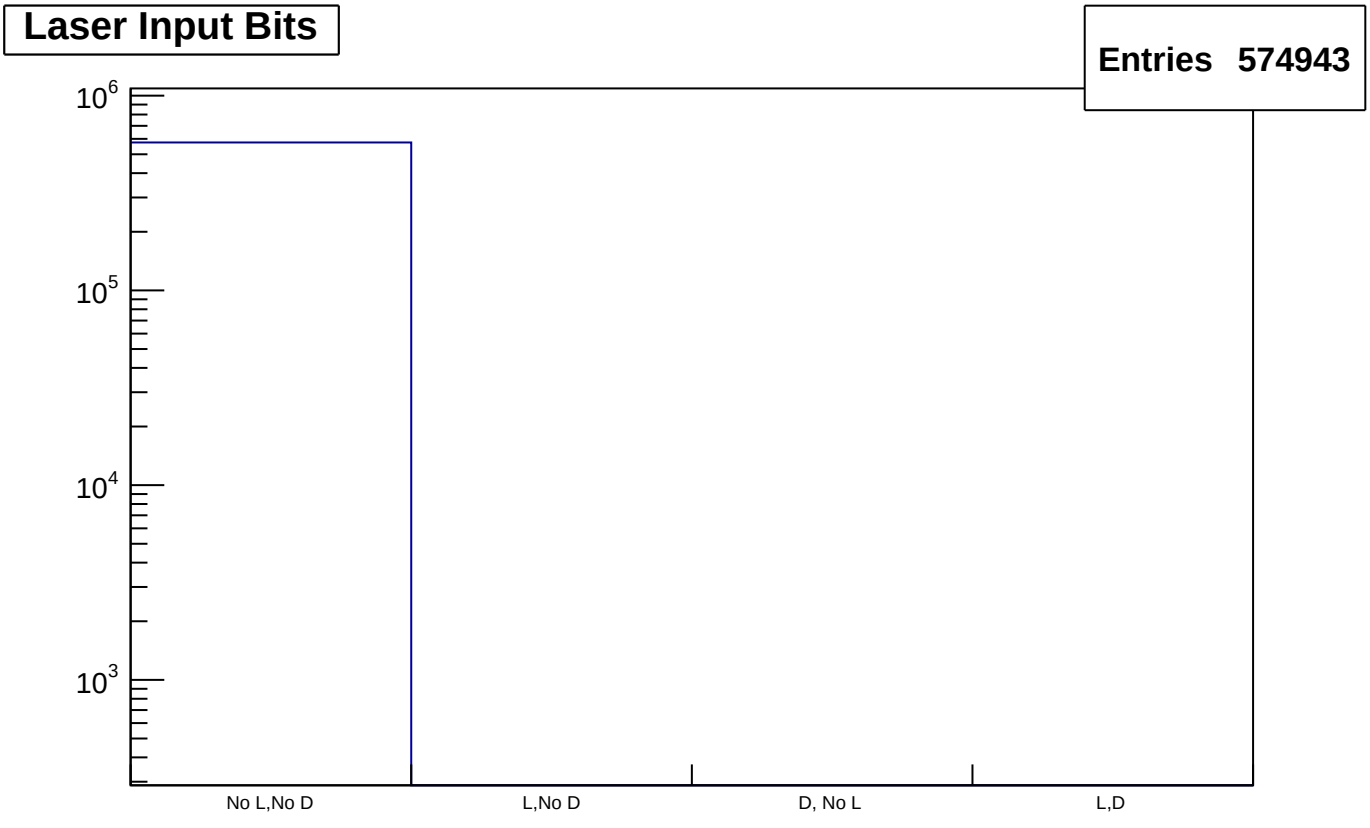

Entries 574943
TOF_Mult
VPD-West ADC Sum

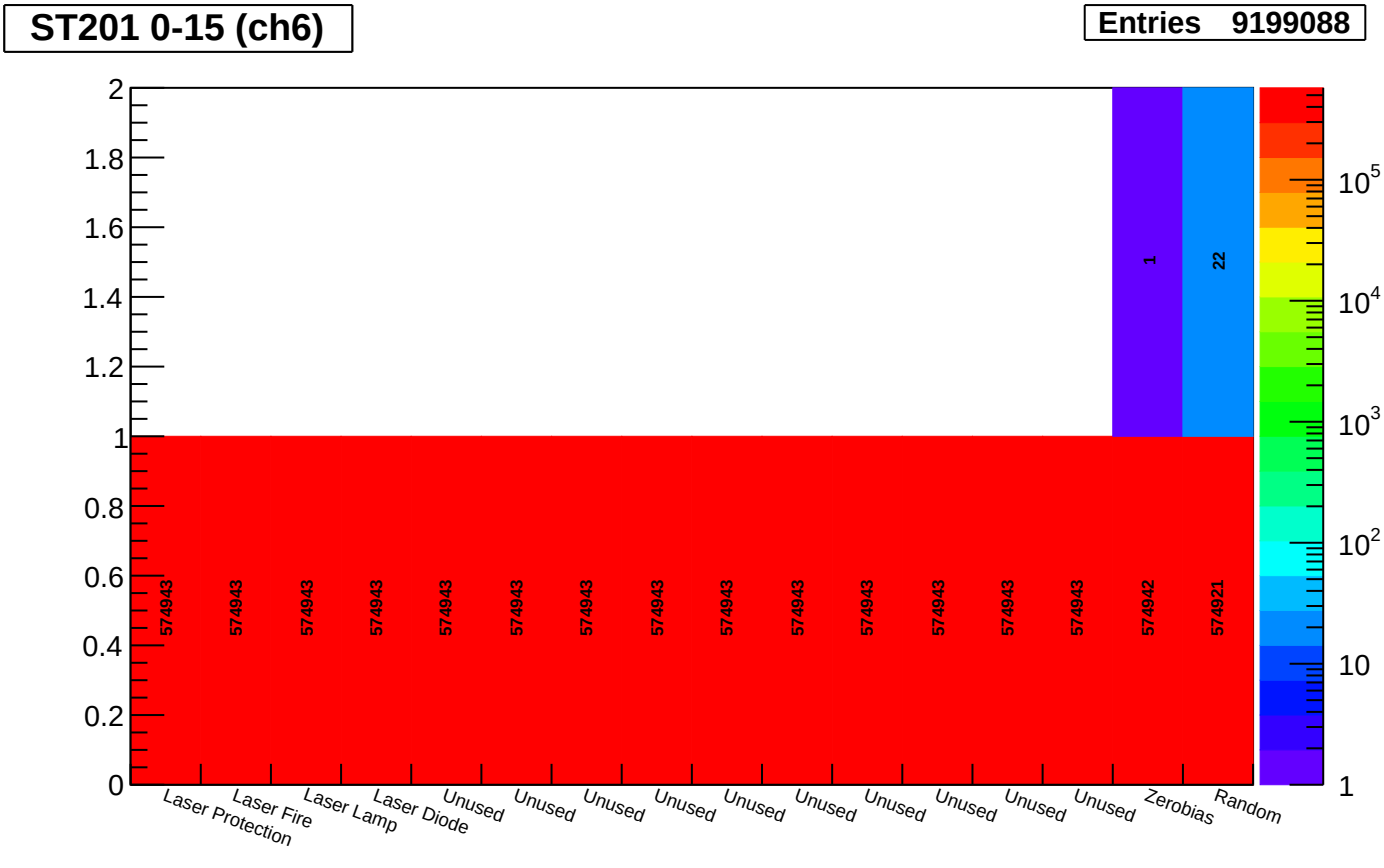

Entries 574943
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

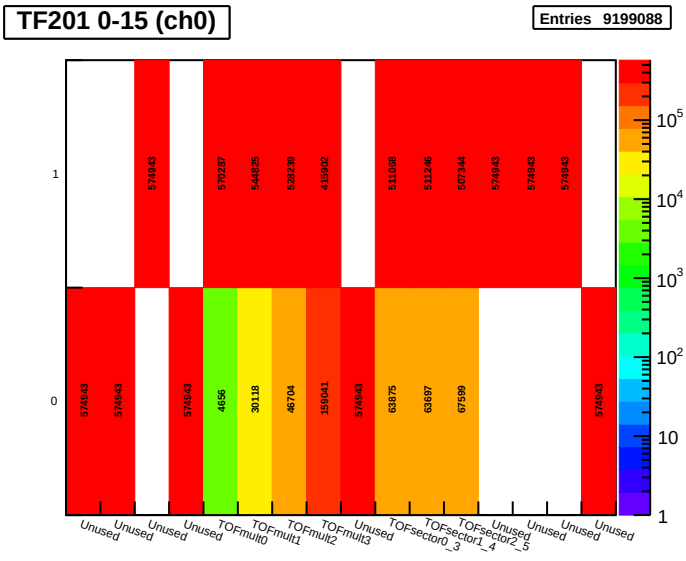

Entries 574943
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

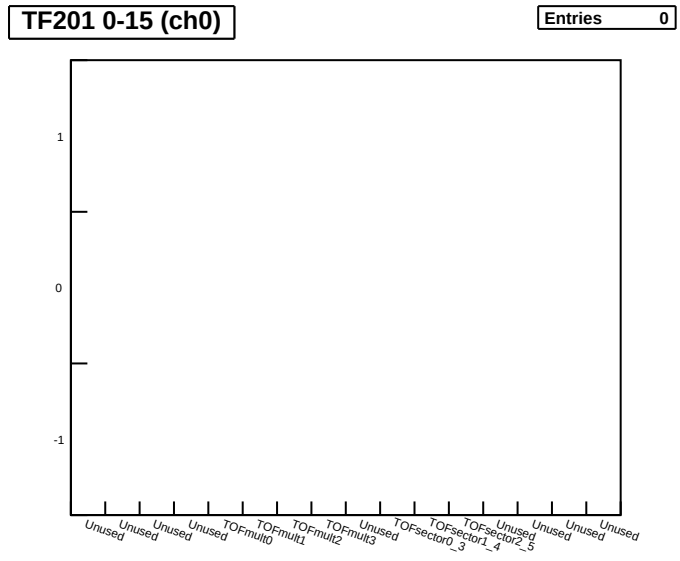

Entries 574943
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

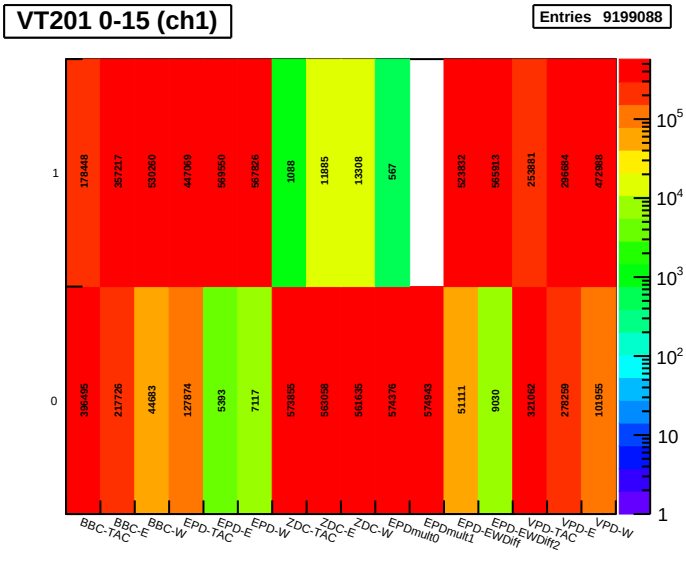

Entries 574943
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

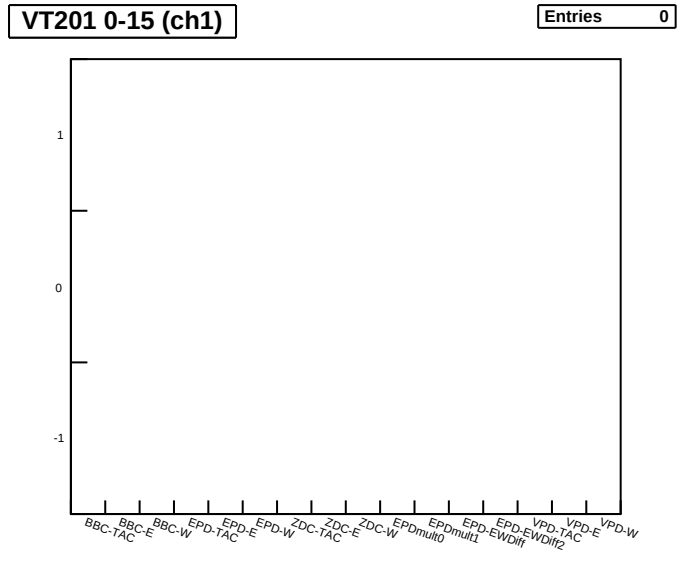

Laser Input Bits
Entries 574943
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

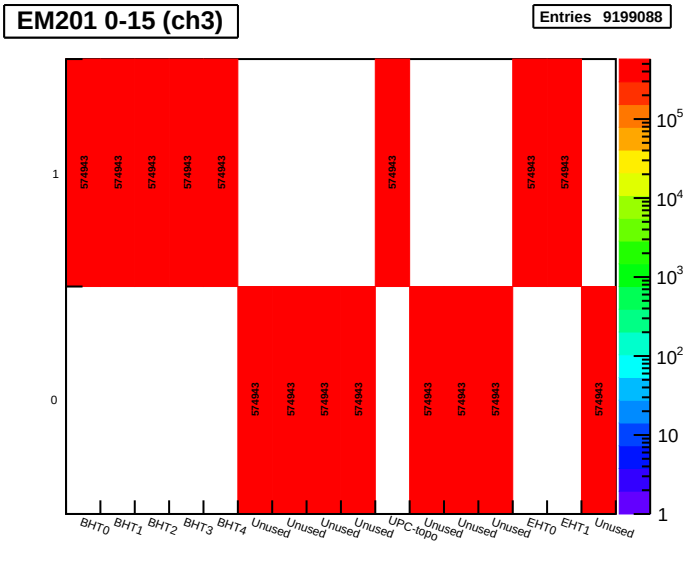

ST201 0-15 (ch6)
Entries 9199088
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
574943
574943
574943
574943
574943
574943
574943
574943
574943
574943
574943
574943
574943
574943
574942
574921
1
22
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

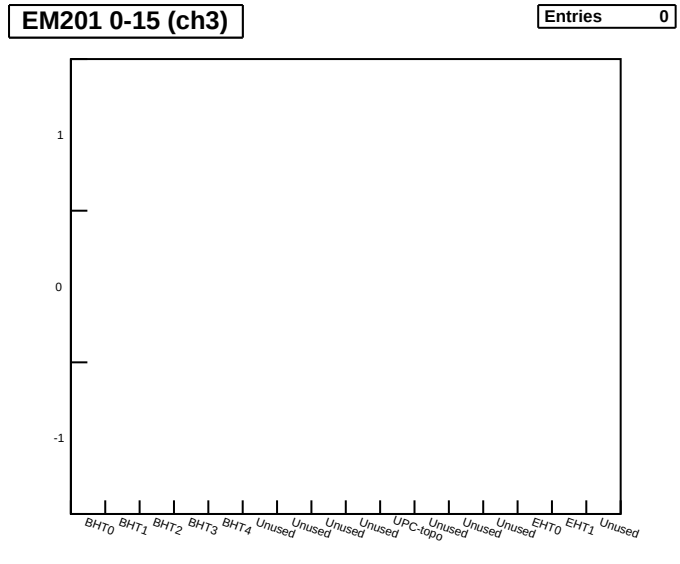

TF201 0-15 (ch0)
Entries 9199088
1
0
574943
570287
544825
528239
415902
511068
511246
507344
574943
574943
574943
574943
574943
4656
30118
46704
159041
574943
63875
63697
67599
574943
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 9199088
1
0
178448
357217
530260
447069
569550
567826
1088
11885
13308
567
523832
565913
253681
296684
472988
398495
217726
44683
127874
5393
7117
573855
563058
561635
574376
574943
51111
9030
321062
278259
101955
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 9199088
1
0
574943
574943
574943
574943
574943
574943
574943
574943
574943
574943
574943
574943
574943
574943
574943
574943
574943
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