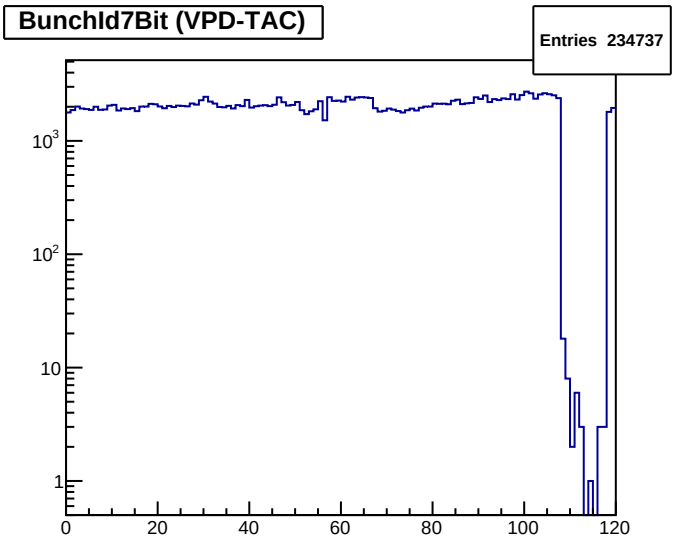
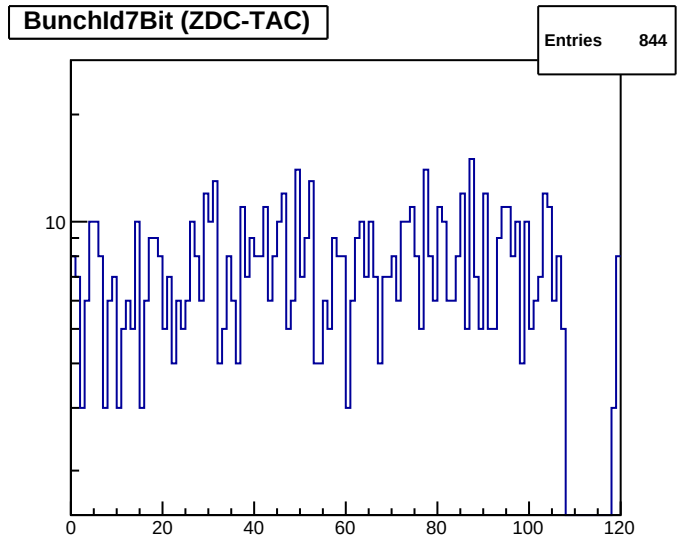
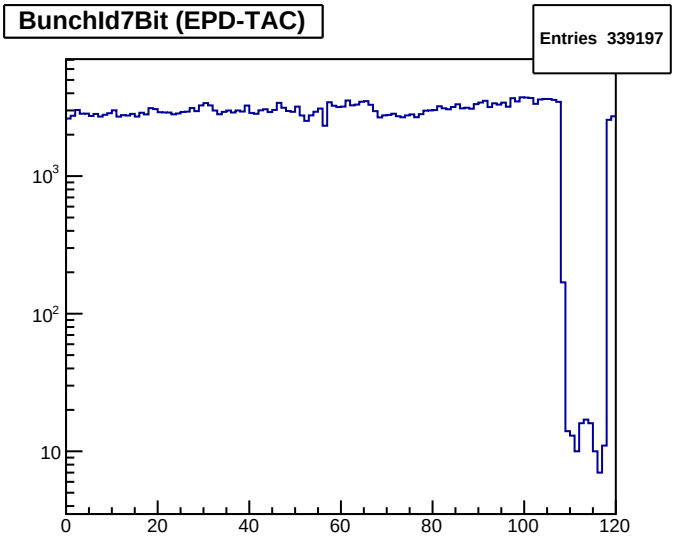
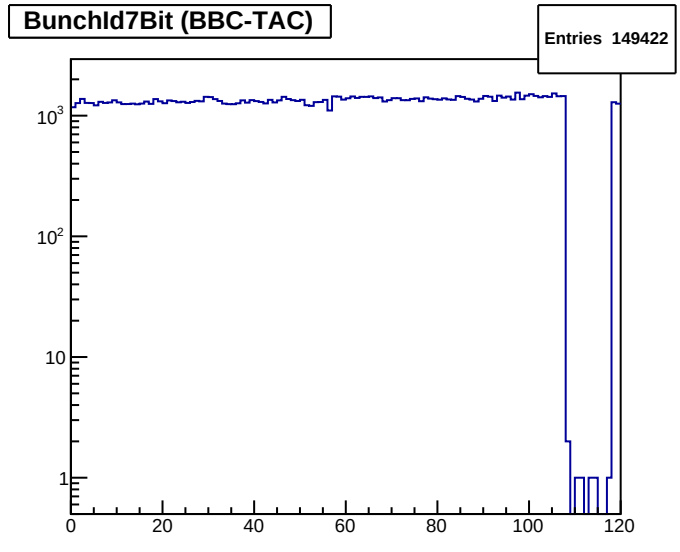
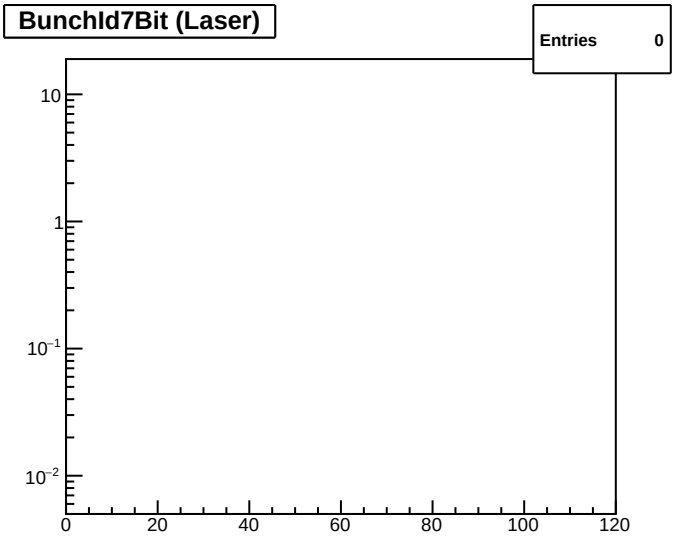
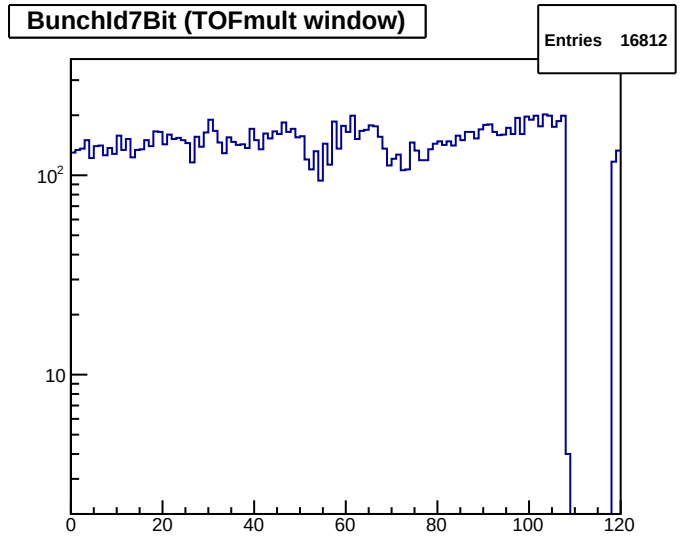

BunchId7Bit (VPD-TAC)
Entries 234737

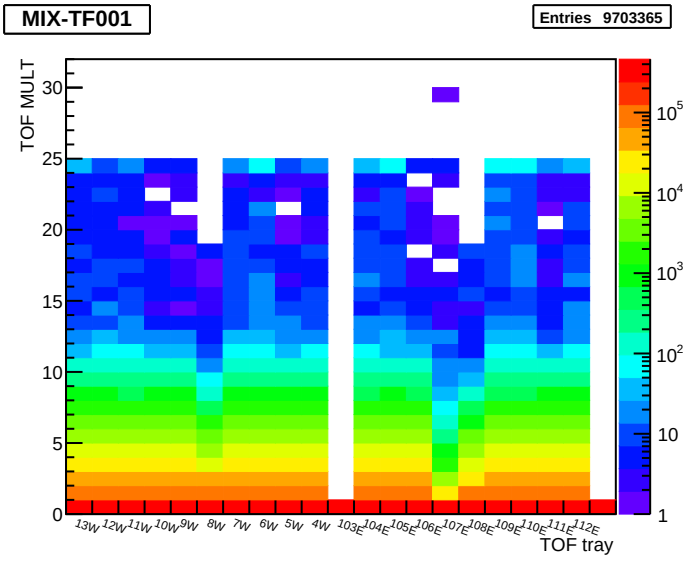

BunchId7Bit (ZDC-TAC)
Entries 844

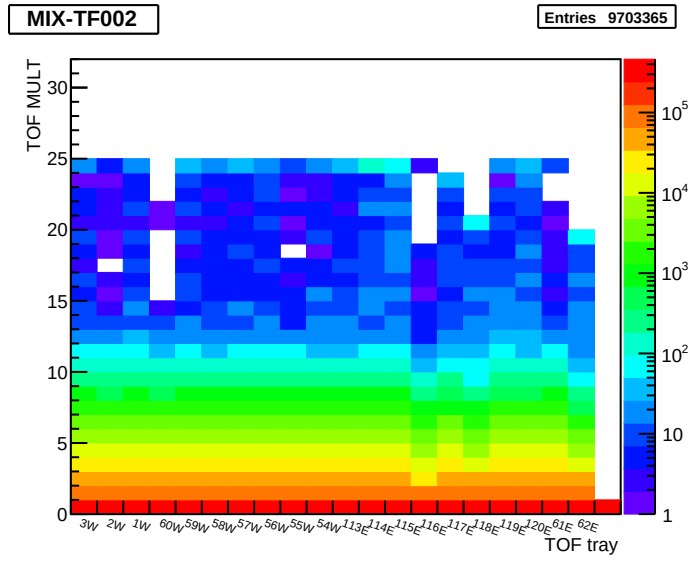

BunchId7Bit (EPD-TAC)
Entries 339197

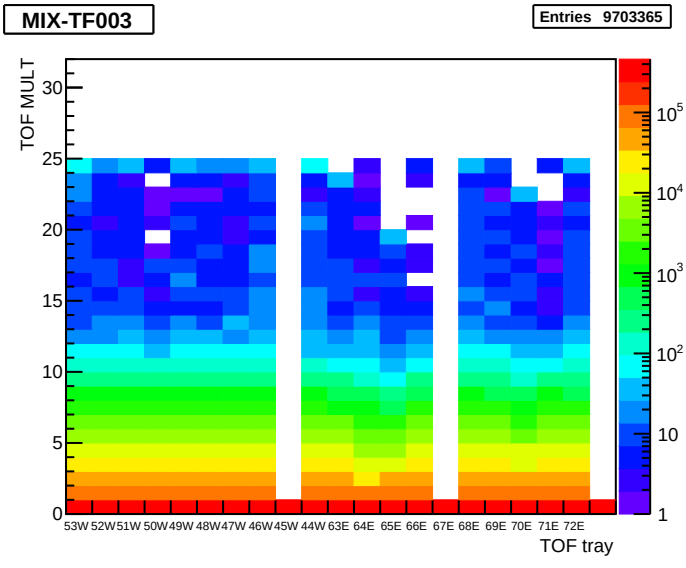

BunchId7Bit (BBC-TAC)
Entries 149422

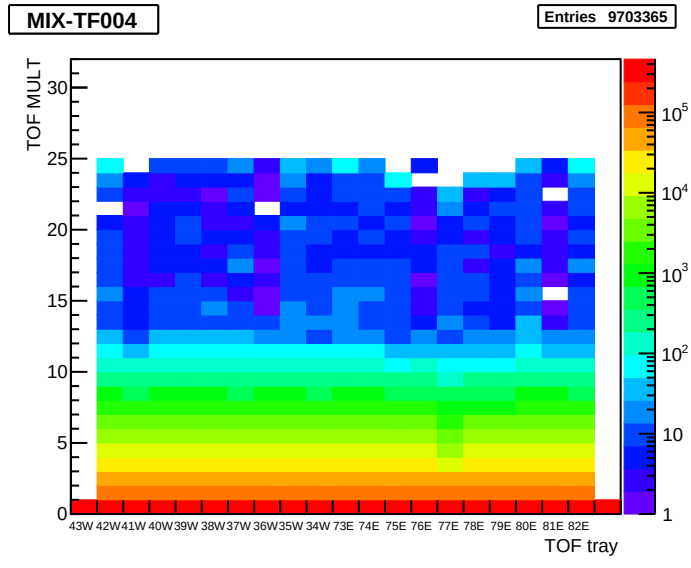

BunchId7Bit (Laser)
Entries 0

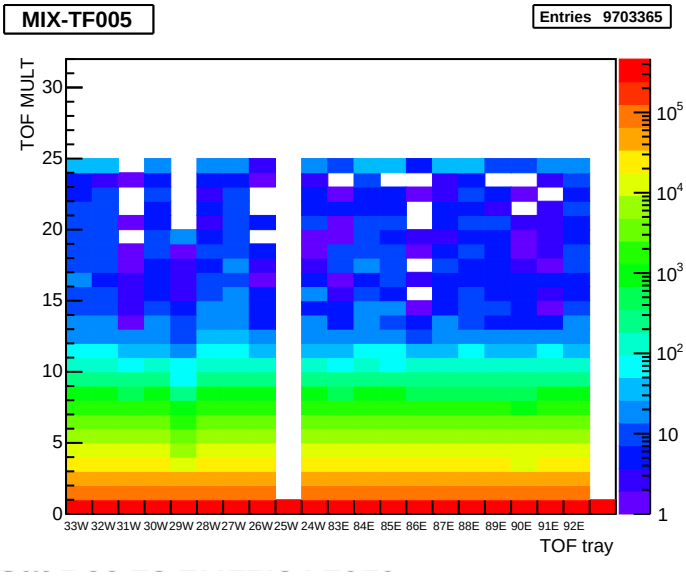

BunchId7Bit (TOFmult window)
Entries 16812

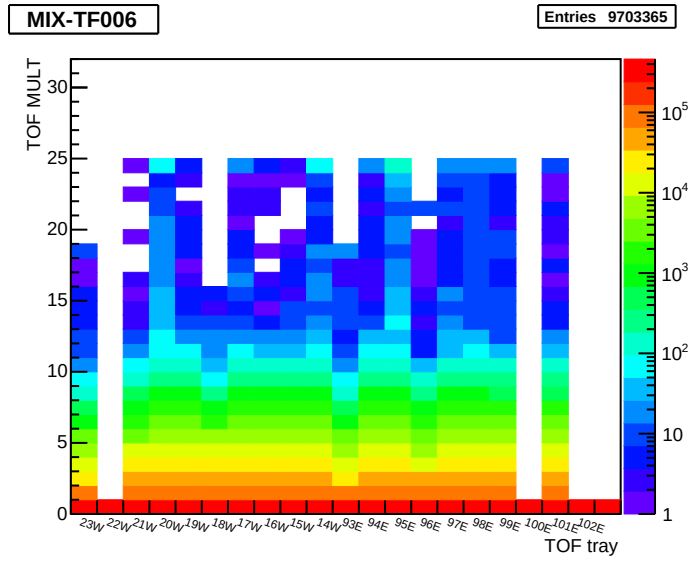

MIX-TF001
Entries 9703365
TOF MULT
TOF tray

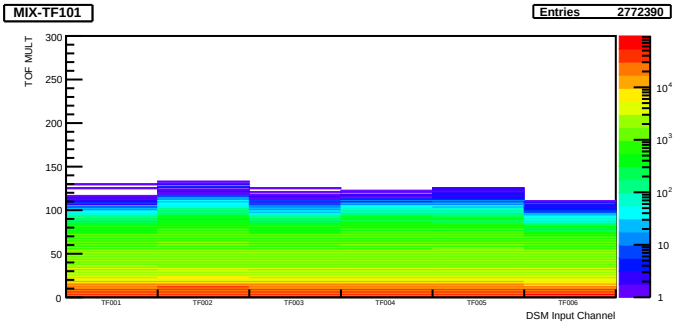

MIX-TF002
Entries 9703365
TOF MULT
TOF tray

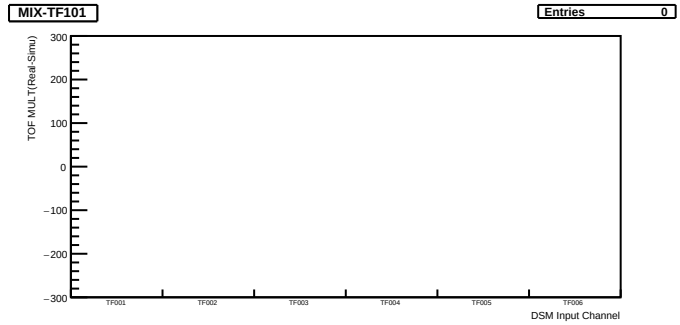

MIX-TF003
Entries 9703365
TOF MULT
TOF tray

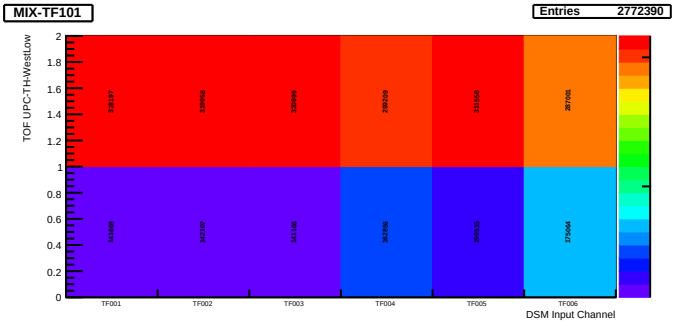

MIX-TF004
Entries 9703365
TOF MULT
TOF tray

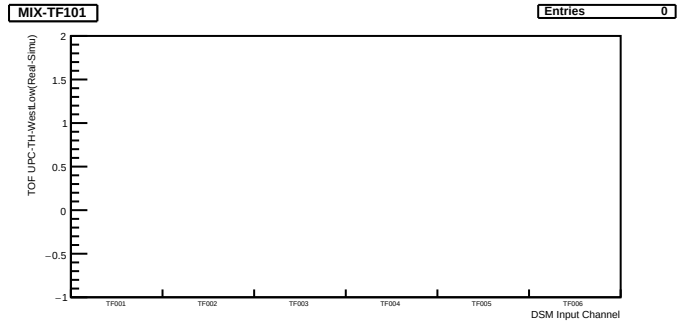

MIX-TF005
Entries 9703365
TOF MULT
TOF tray

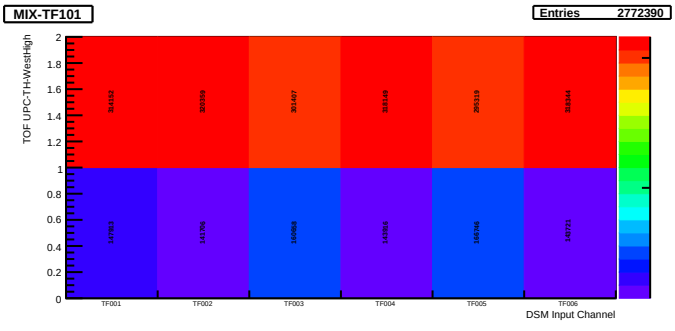

MIX-TF006
Entries 9703365
TOF MULT
TOF tray

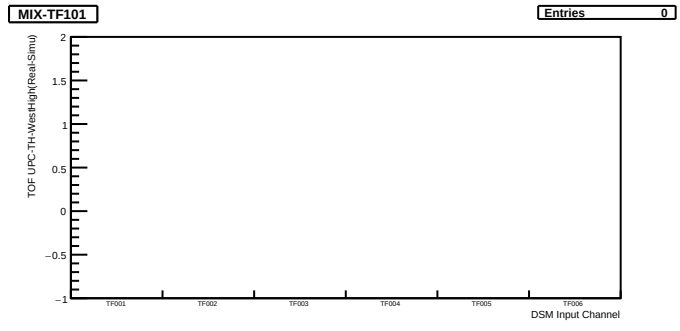

MIX-TF101
Entries 2772390
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

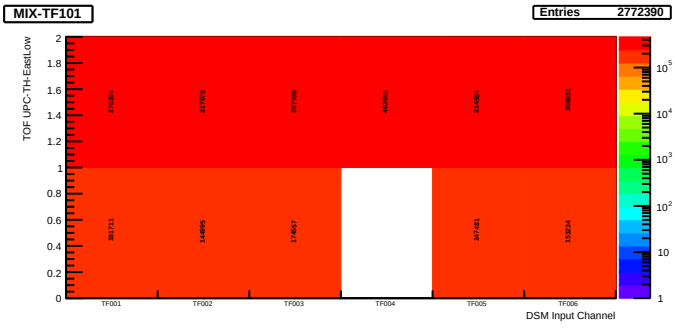

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

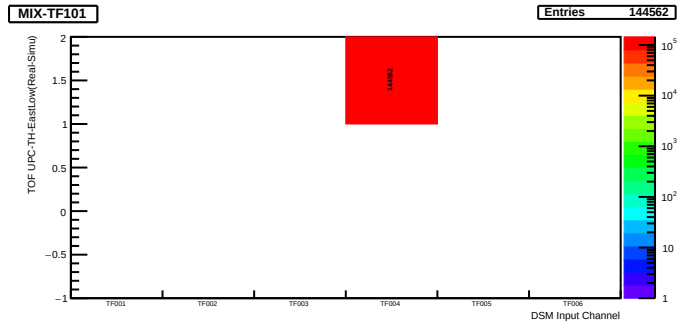

MIX-TF101
Entries 2772390
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

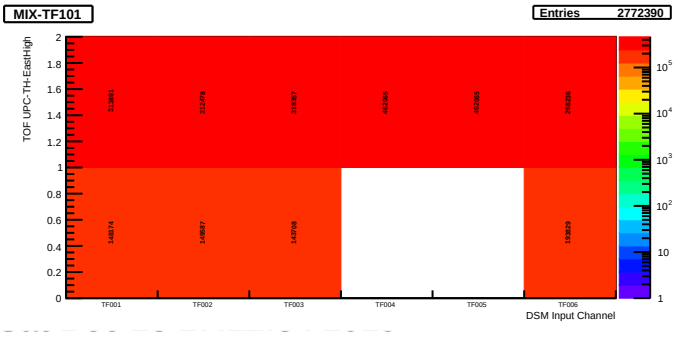

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

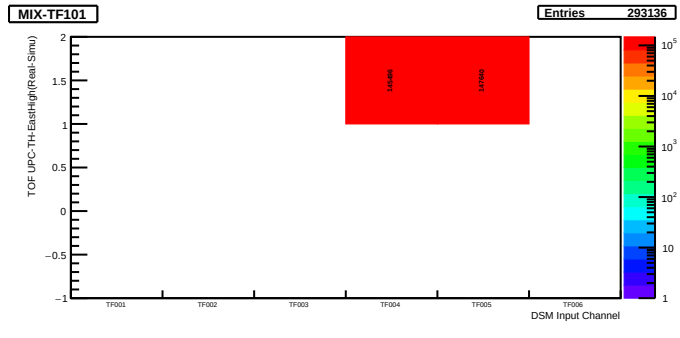

MIX-TF101
Entries 2772390
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

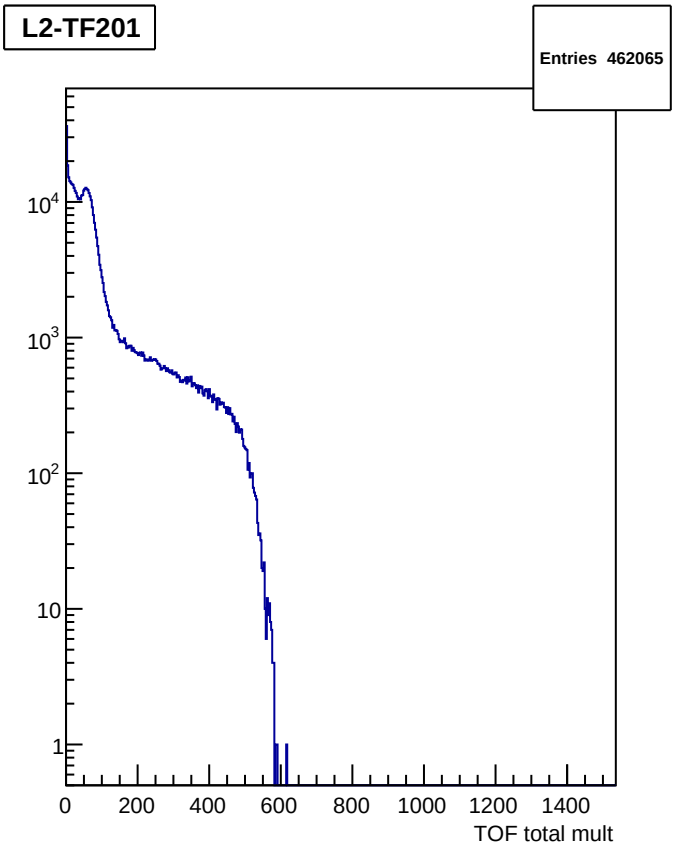

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

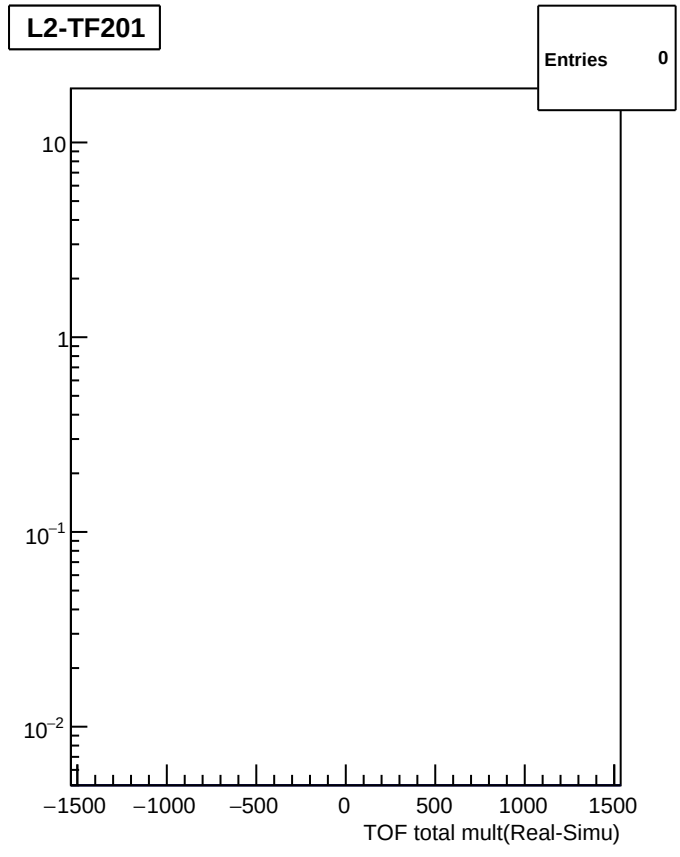

MIX-TF101
Entries 2772390
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

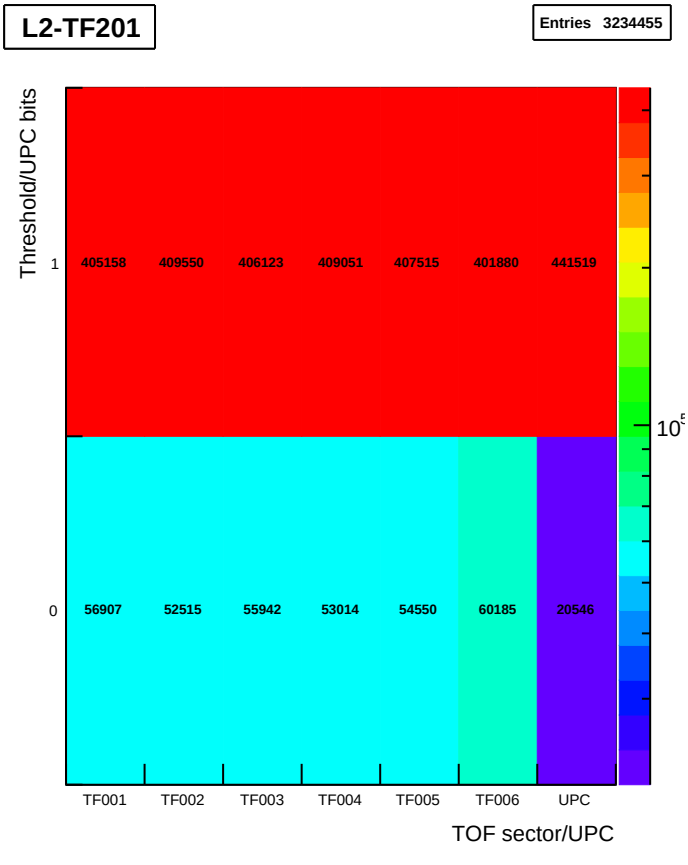

MIX-TF101
Entries 144562
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

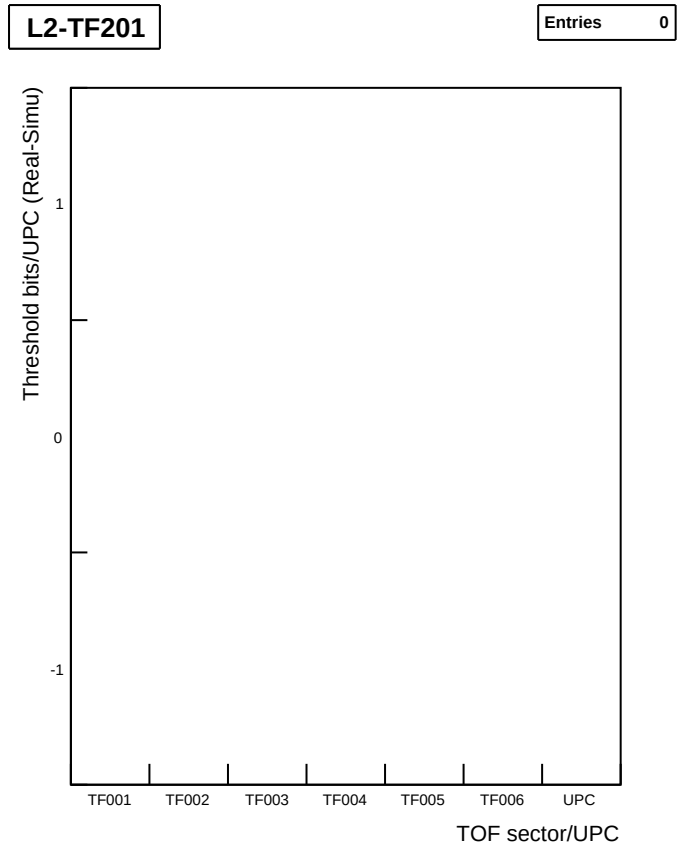

MIX-TF101
Entries 2772390
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

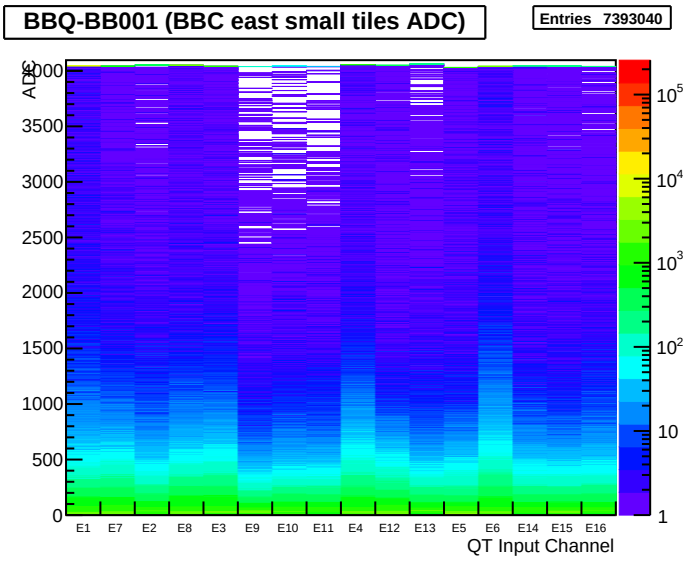

MIX-TF101
Entries 293136
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

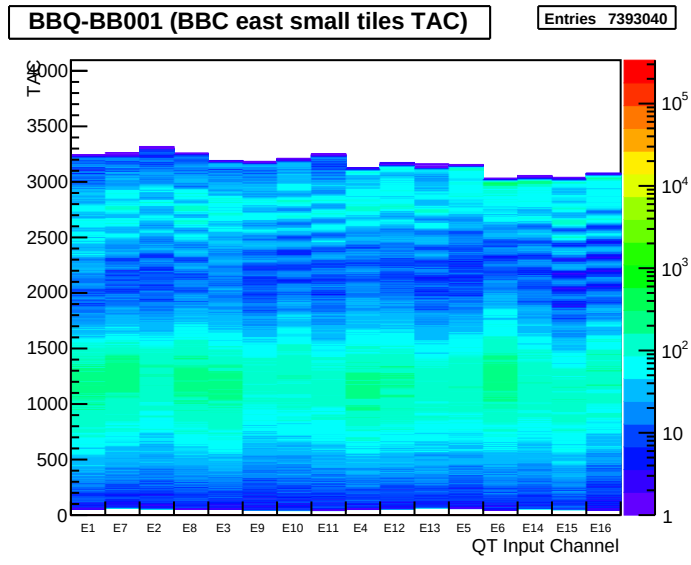

L2-TF201
Entries 462065
TOF total mult

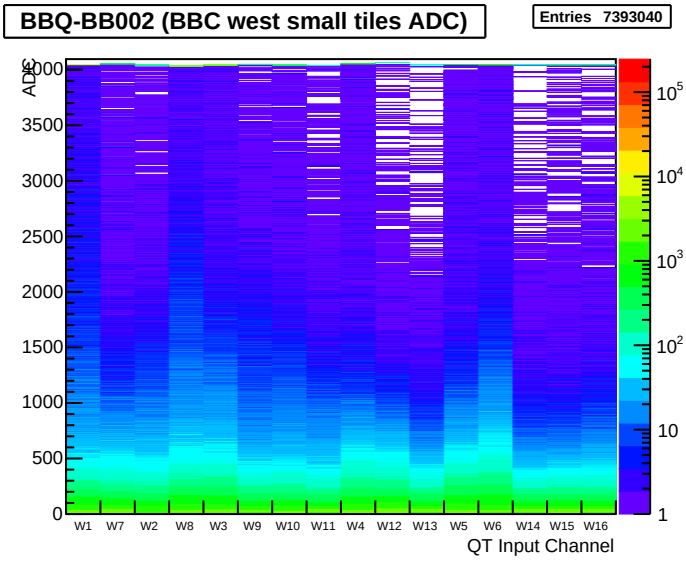

L2-TF201
Entries 0
TOF total mult(Real-Simu)

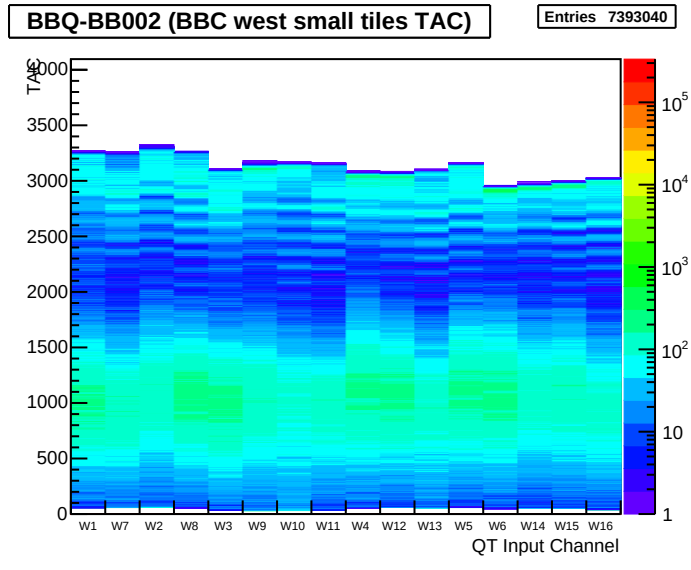

L2-TF201
Entries 3234455
Threshold/UPC bits
405158
409550
406123
409051
407515
401880
441519
56907
52515
55942
53014
54550
60185
20546
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

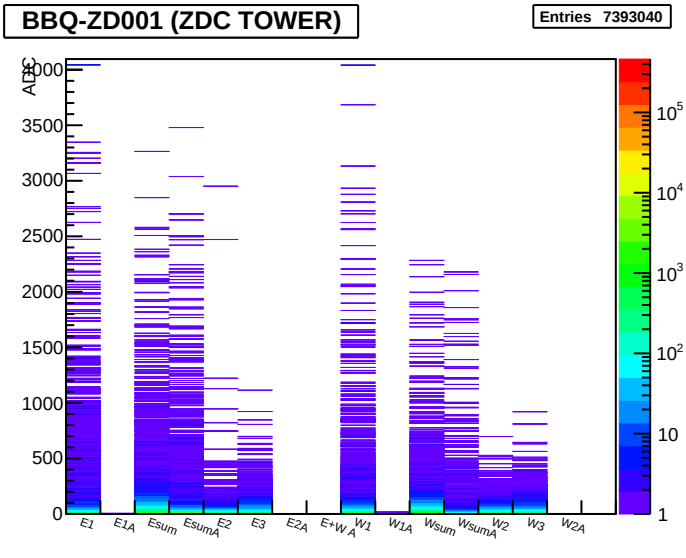

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

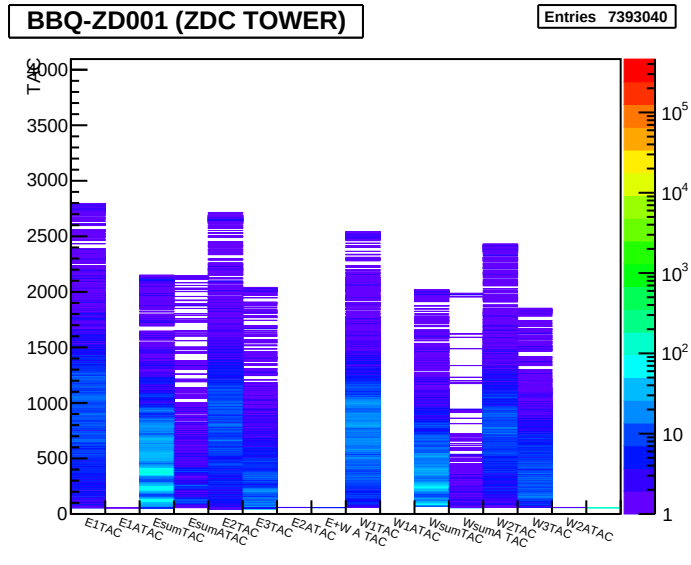

BBQ-BB001 (BBC east small tiles ADC)
Entries 7393040
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

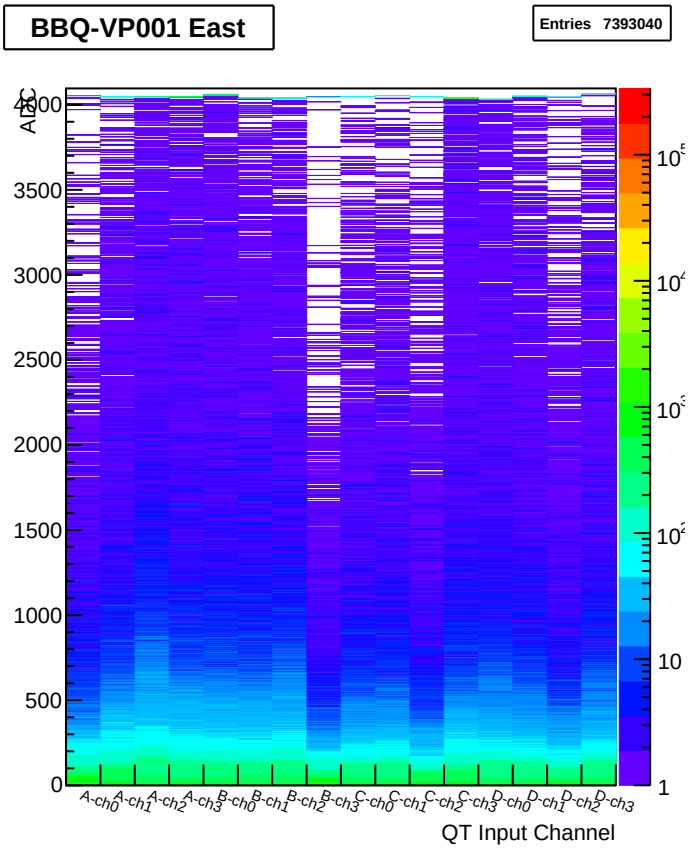

BBQ-BB001 (BBC east small tiles TAC)
Entries 7393040
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

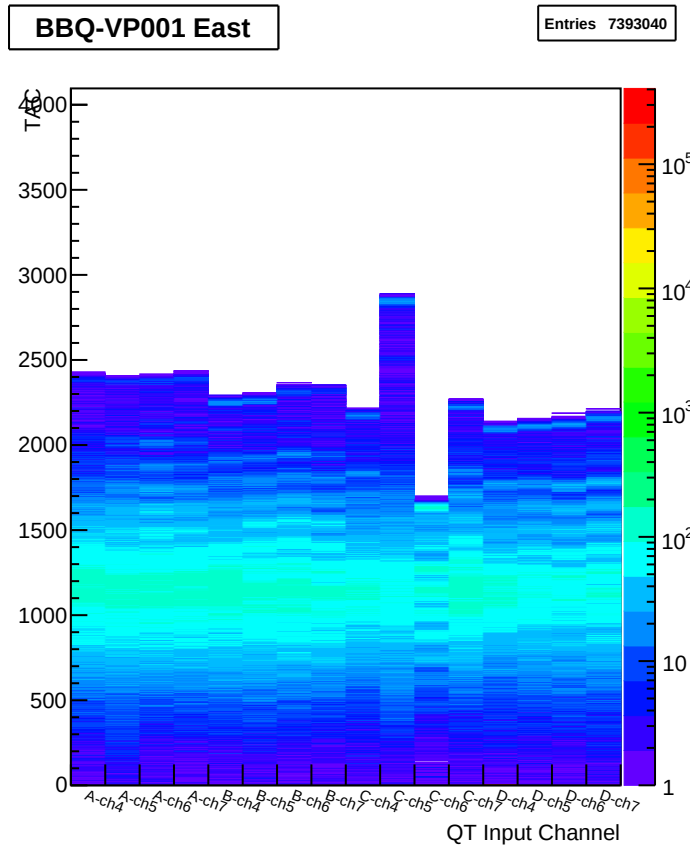

BBQ-BB002 (BBC west small tiles ADC)
Entries 7393040
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

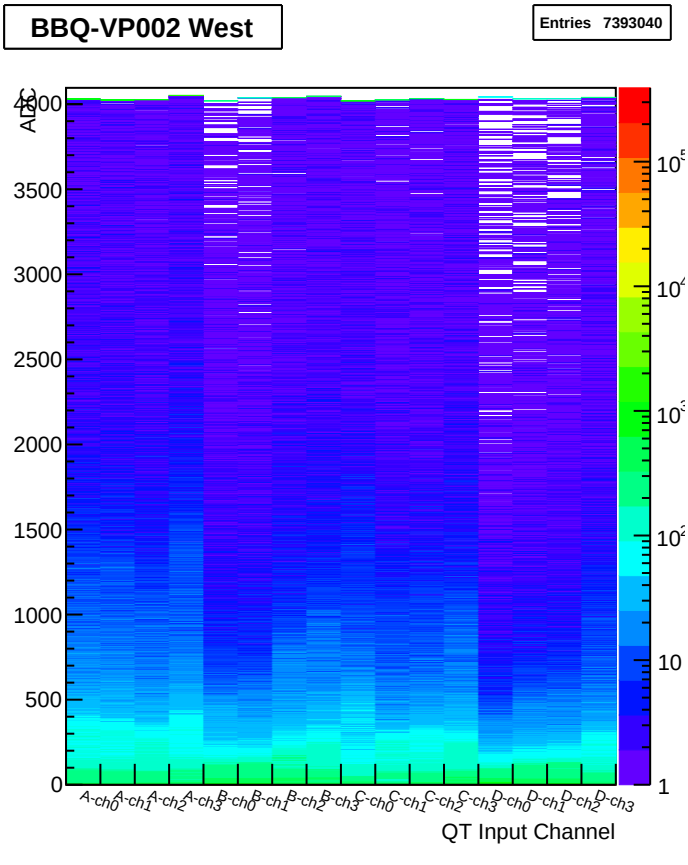

BBQ-BB002 (BBC west small tiles TAC)
Entries 7393040
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

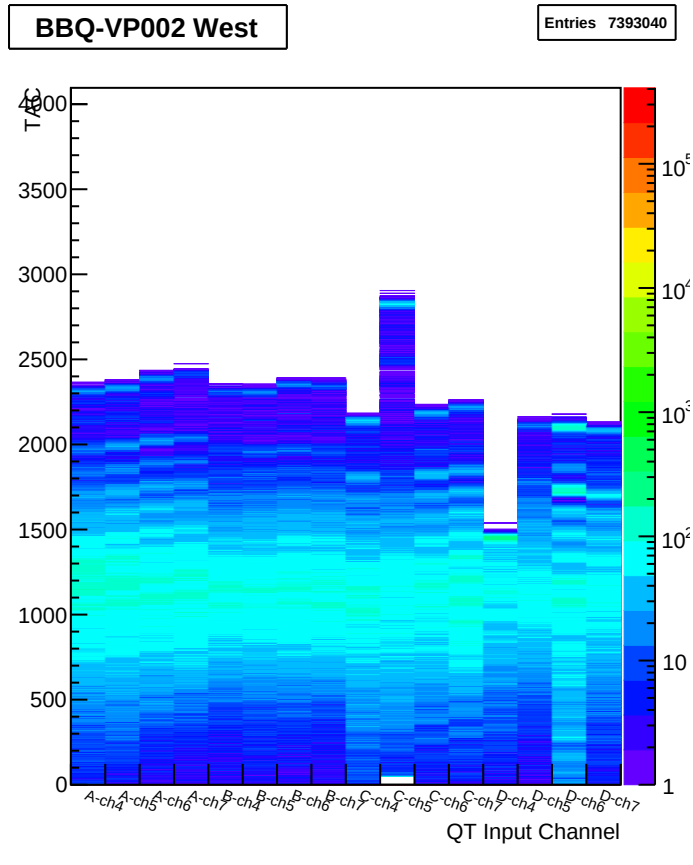

BBQ-ZD001 (ZDC TOWER)
Entries 7393040
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

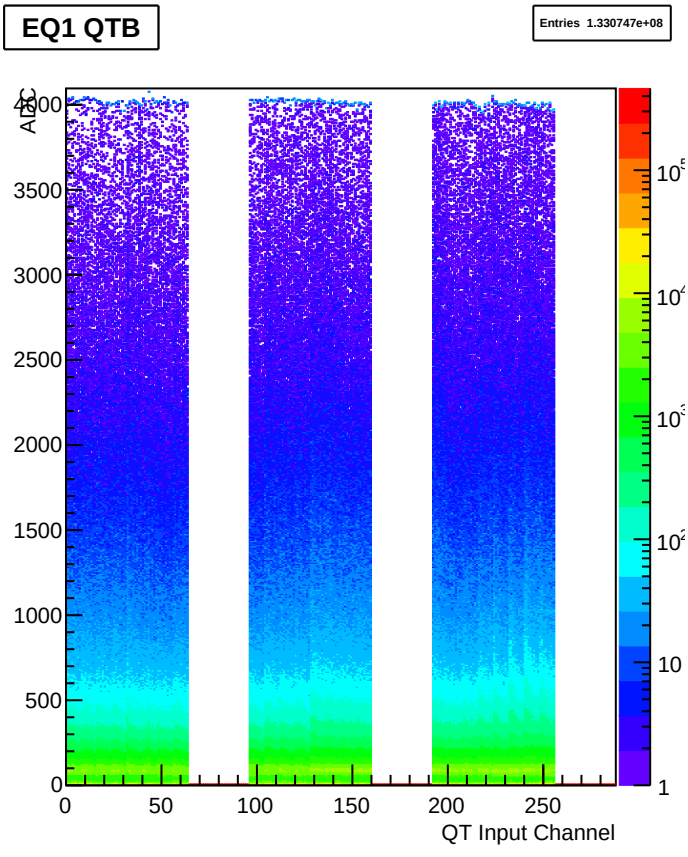

BBQ-ZD001 (ZDC TOWER)
Entries 7393040
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

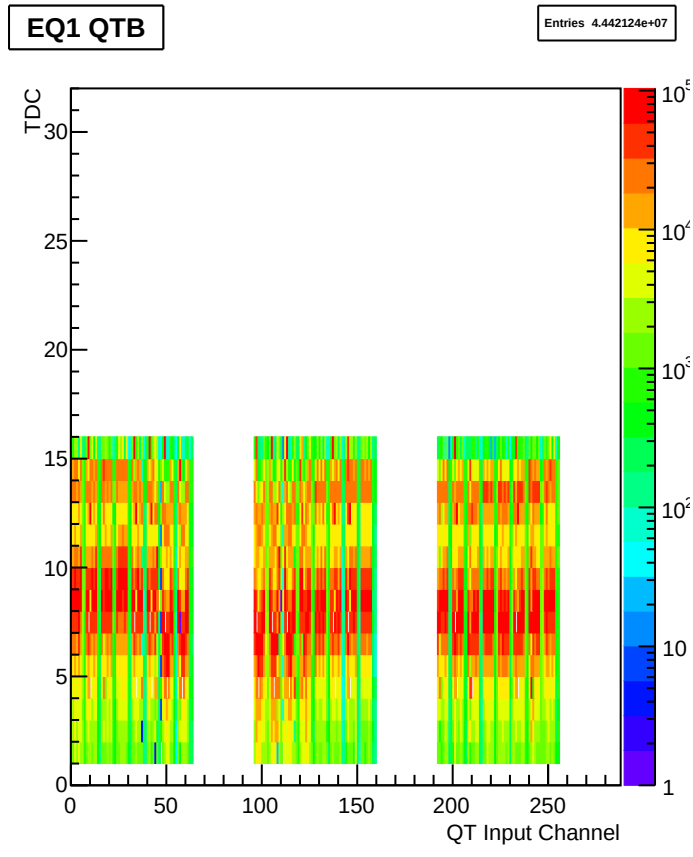

BBQ-VP001 East
Entries 7393040
ADC
QT Input Channel

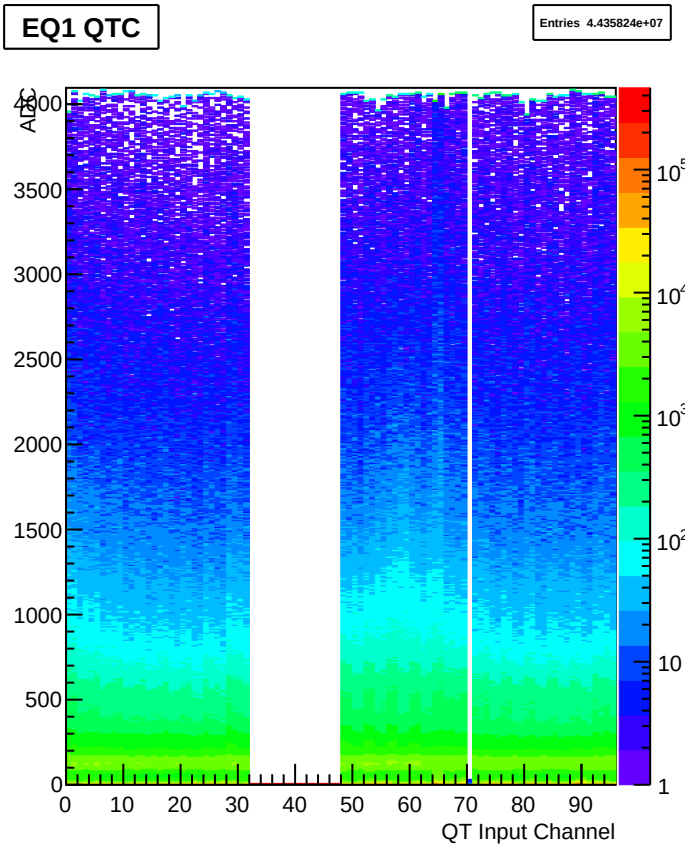

BBQ-VP001 East
Entries 7393040
ADC
QT Input Channel

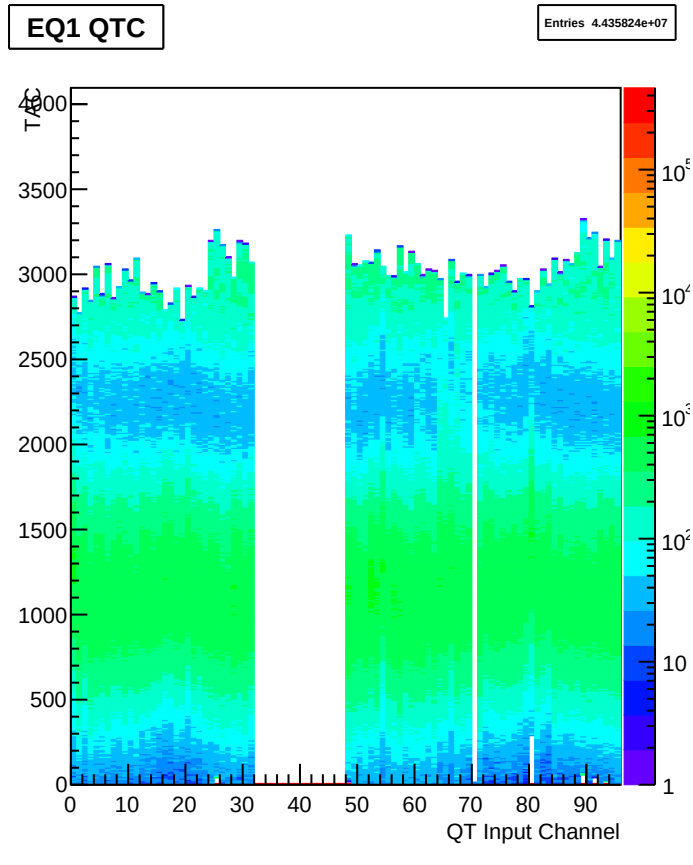

BBQ-VP002 West
Entries 7393040
ADC
QT Input Channel

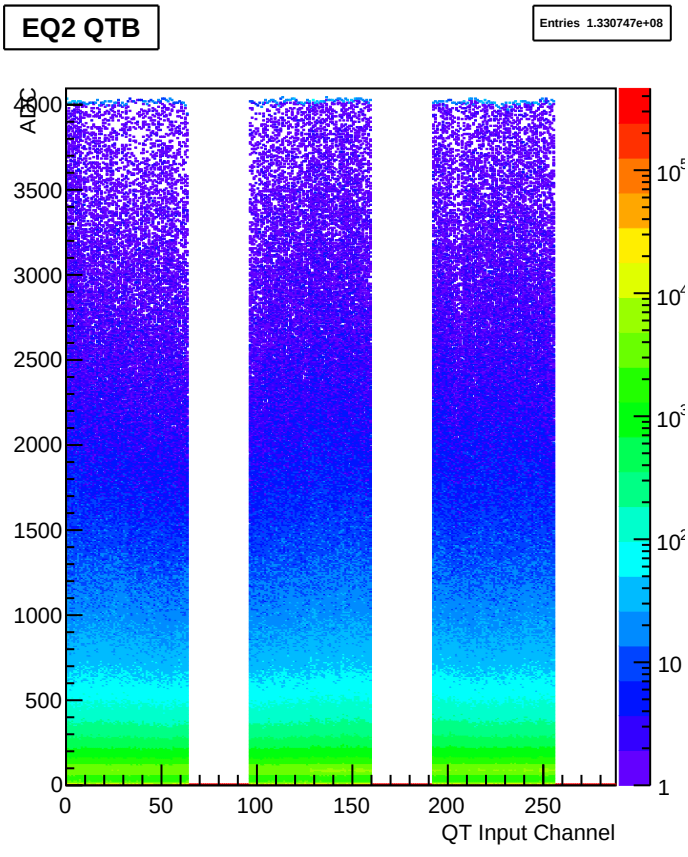

BBQ-VP002 West
Entries 7393040
ADC
QT Input Channel

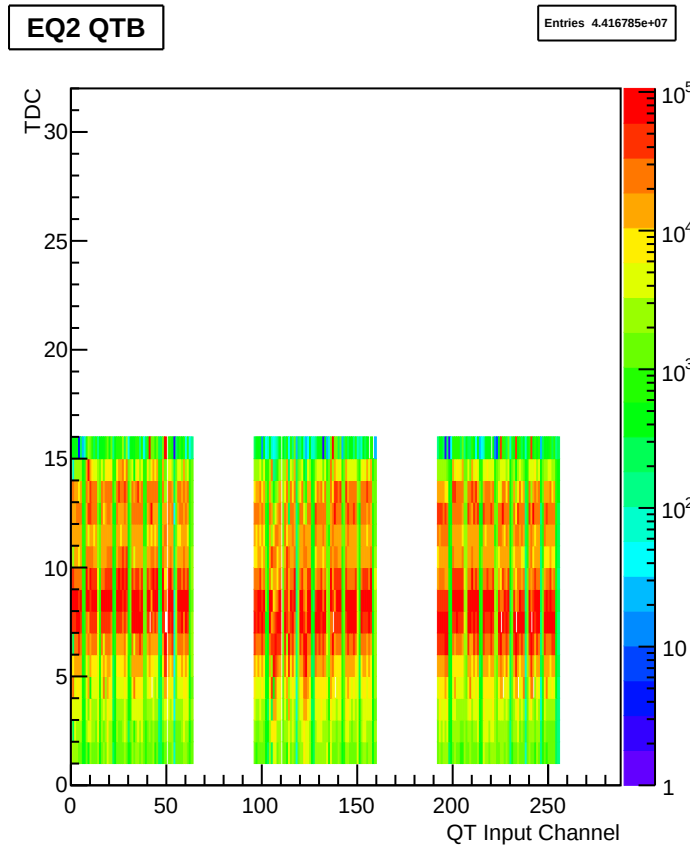

EQ1 QTB
Entries 1.330747e+08
ADC
QT Input Channel

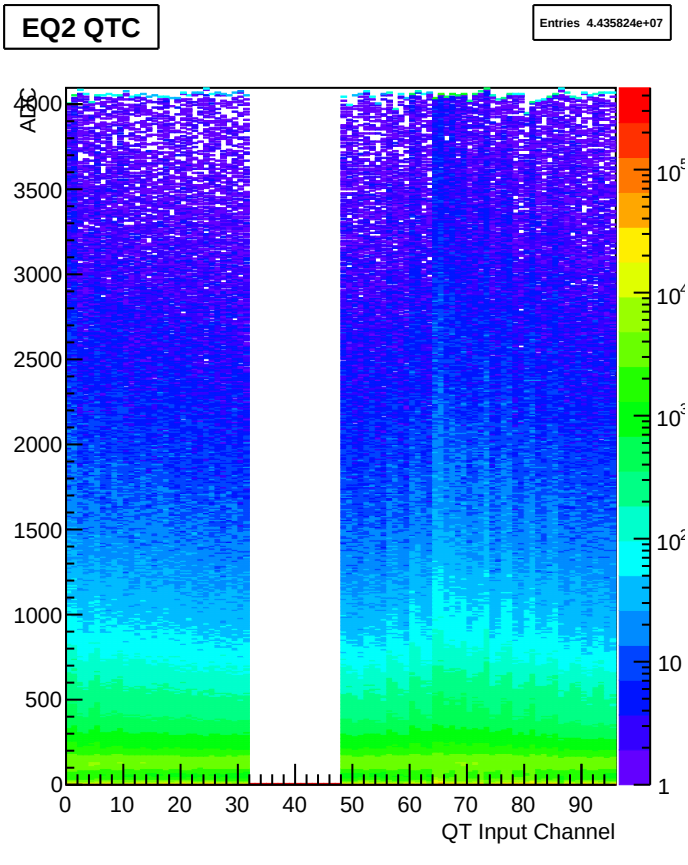

EQ1 QTB
Entries 4.442124e+07
TDC
QT Input Channel

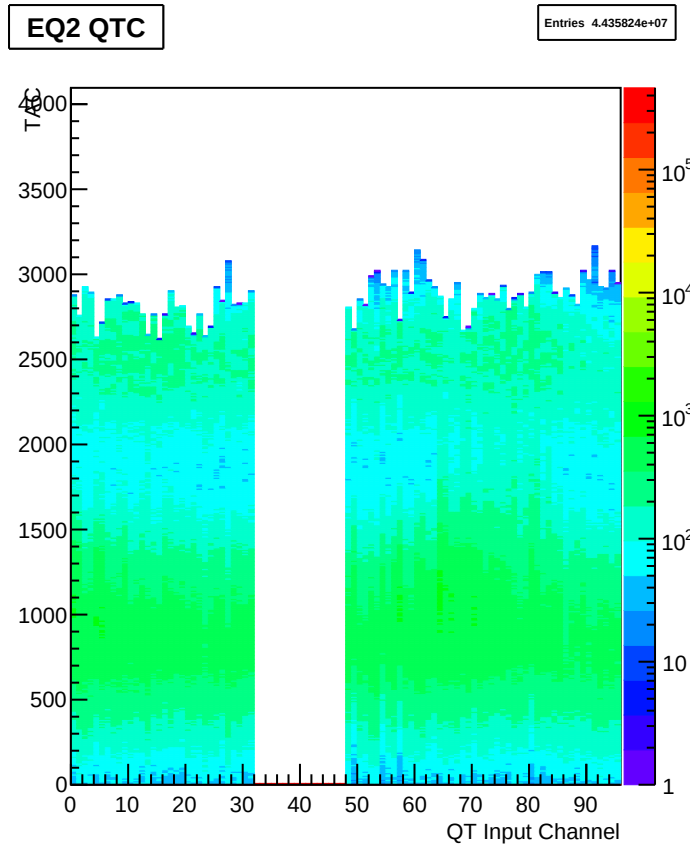

EQ1 QTC
Entries 4.435824e+07
ADC
QT Input Channel

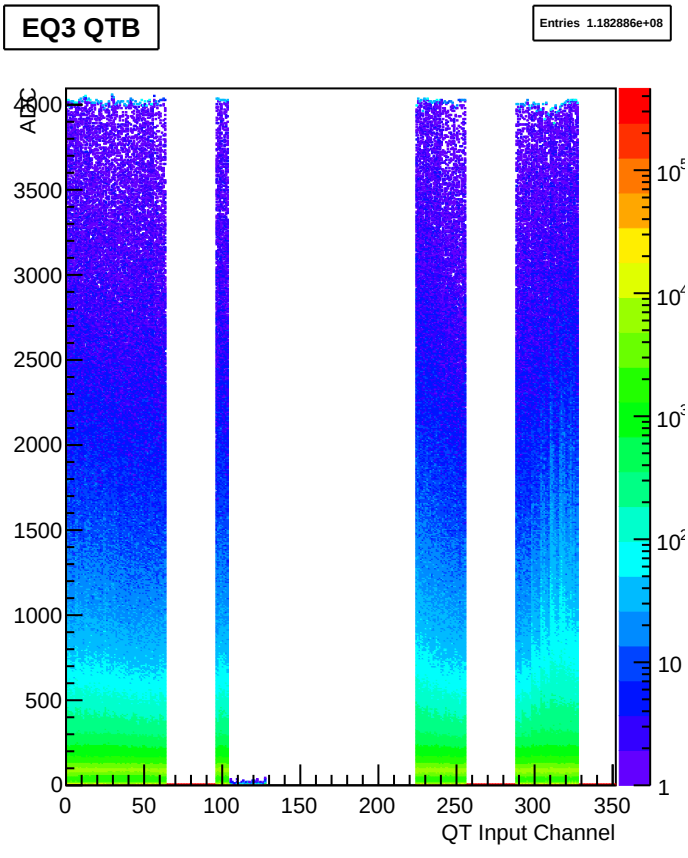

EQ1 QTC
Entries 4.435824e+07
TADC
QT Input Channel

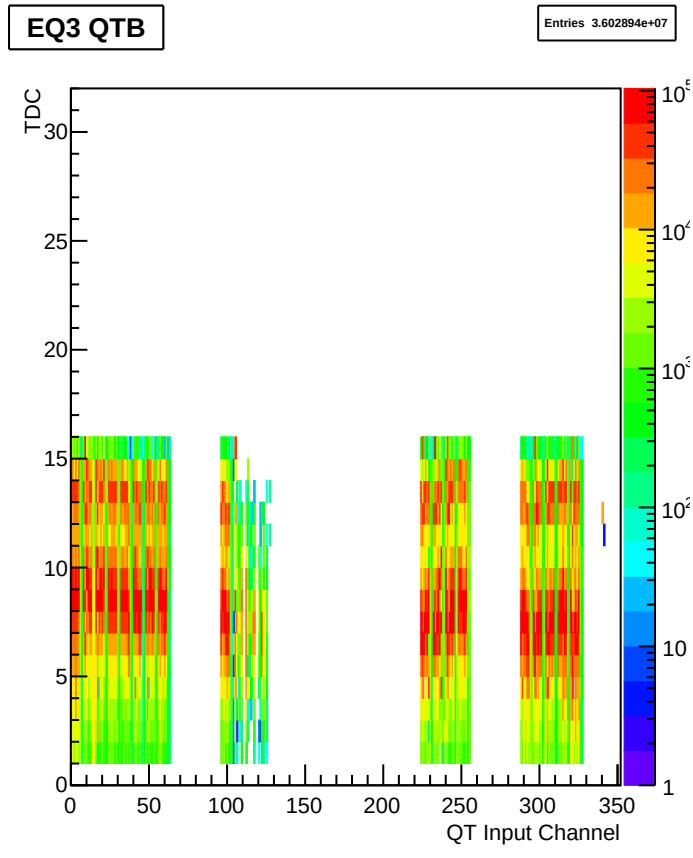

EQ2 QTB
Entries 1.330747e+08
ADC
QT Input Channel

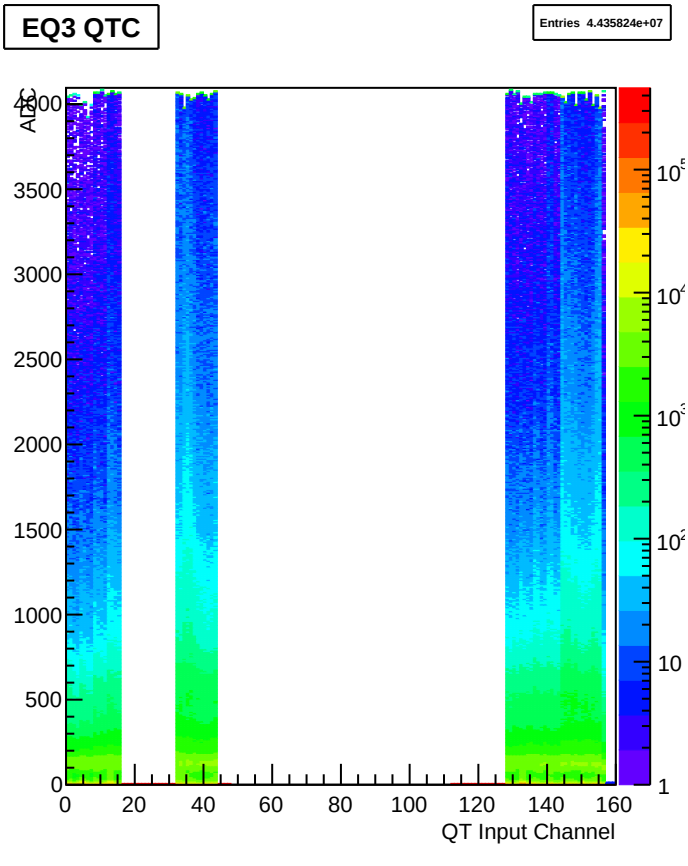

EQ2 QTB
Entries 4.416785e+07
TDC
QT Input Channel

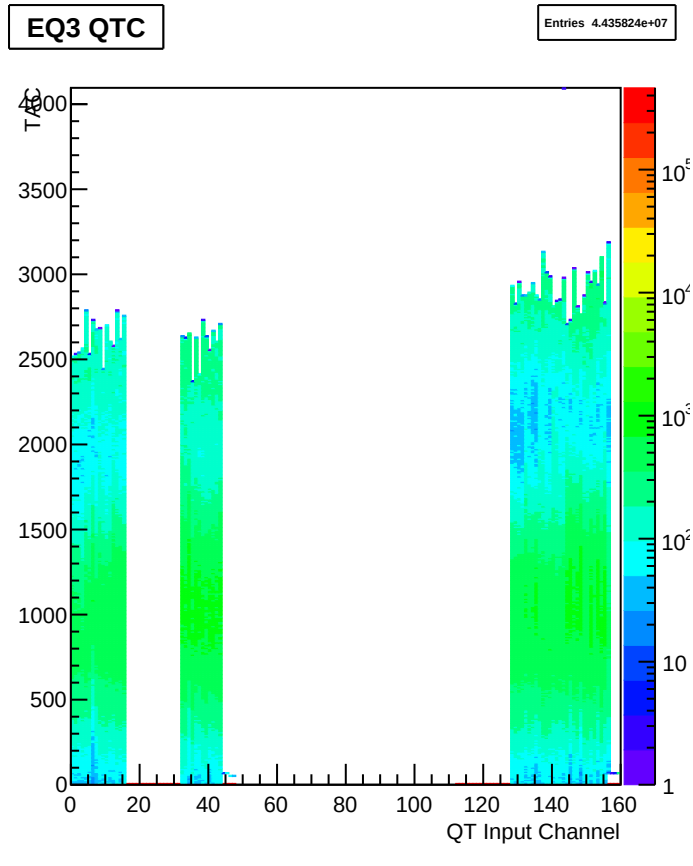

EQ2 QTC
Entries 4.435824e+07
ADC
QT Input Channel

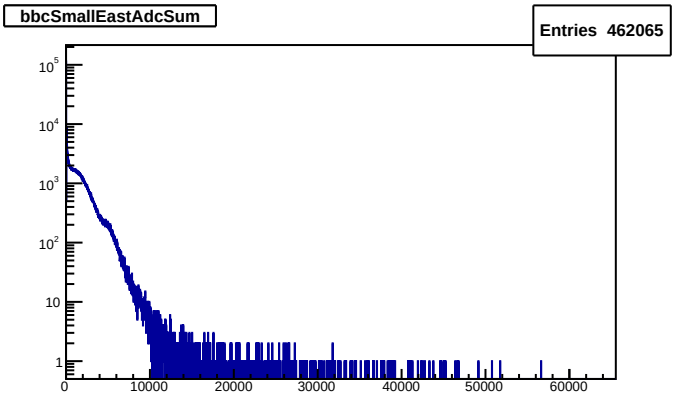

EQ2 QTC
Entries 4.435824e+07
TADC
QT Input Channel

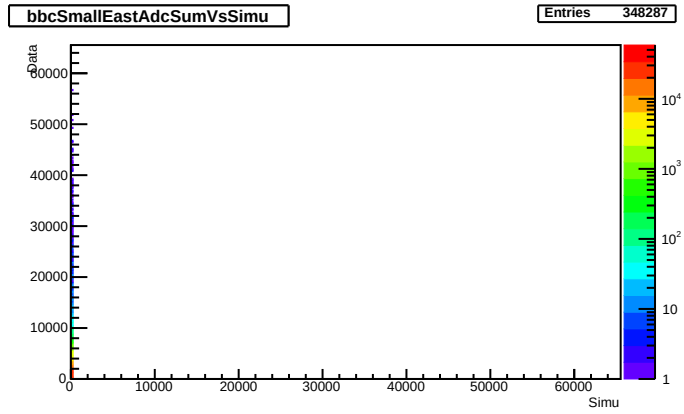

EQ3 QTB
Entries 1.182886e+08
ADC
QT Input Channel

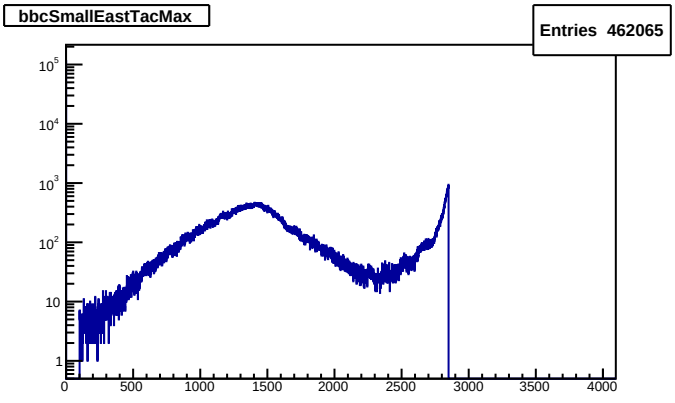

EQ3 QTB
Entries 3.602894e+07
TDC
QT Input Channel

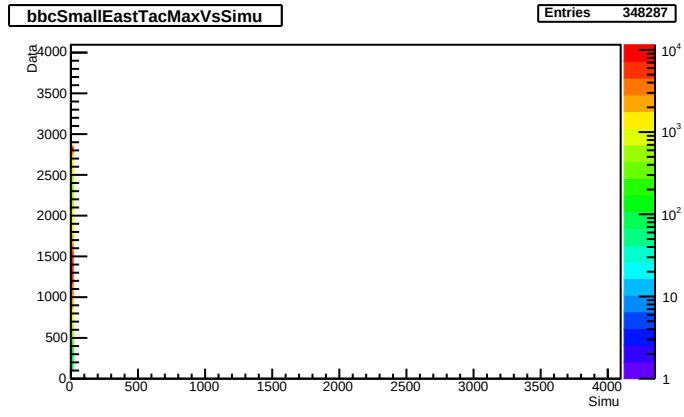

EQ3 QTC
Entries 4.435824e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.435824e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 462065


bbcSmallEastAdcSumVsSimu
Entries 348287
Data
Simu


bbcSmallEastTacMax
Entries 462065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Entries 348287
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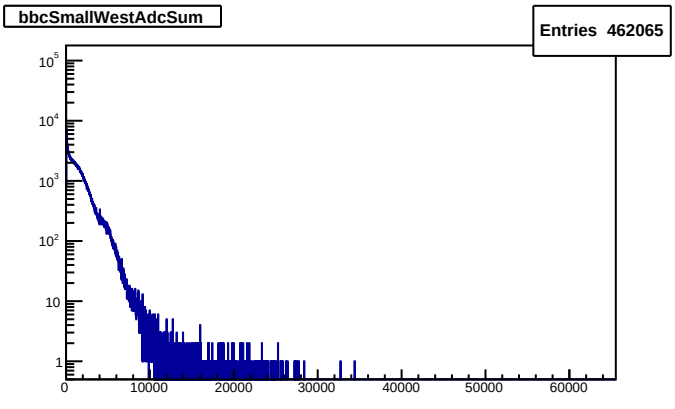
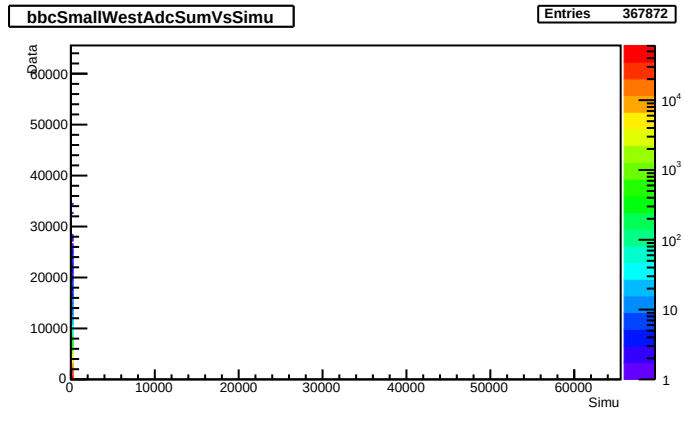
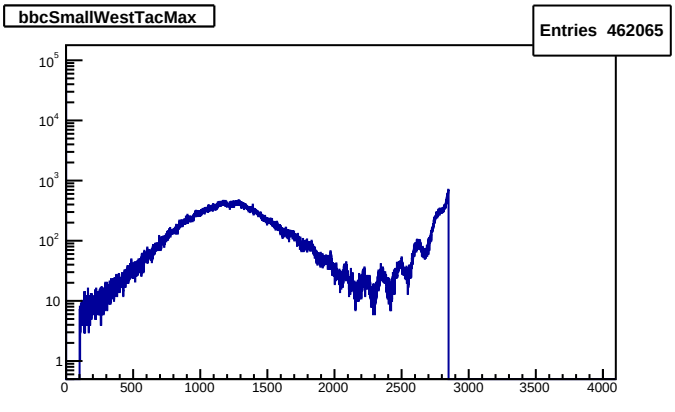

bbcSmallWestAdcSum
Entries 462065


bbcSmallWestAdcSumVsSimu
Entries 367872
Data
Simu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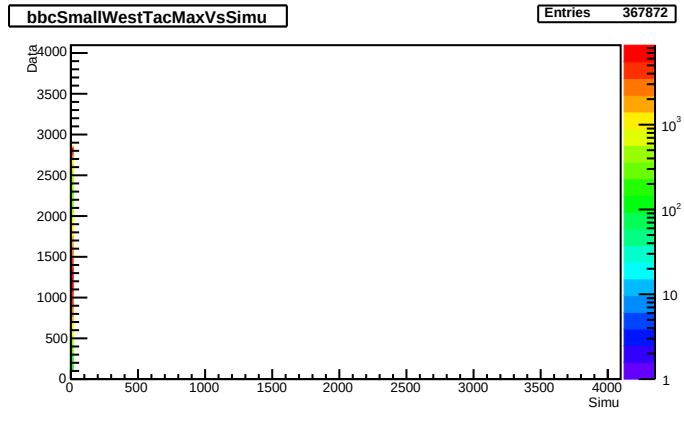
Entries 462065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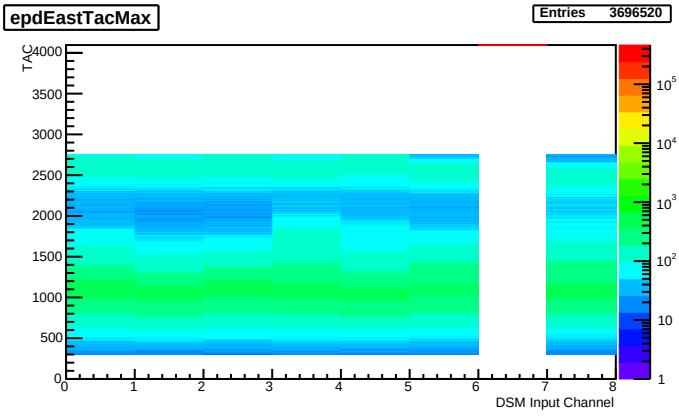
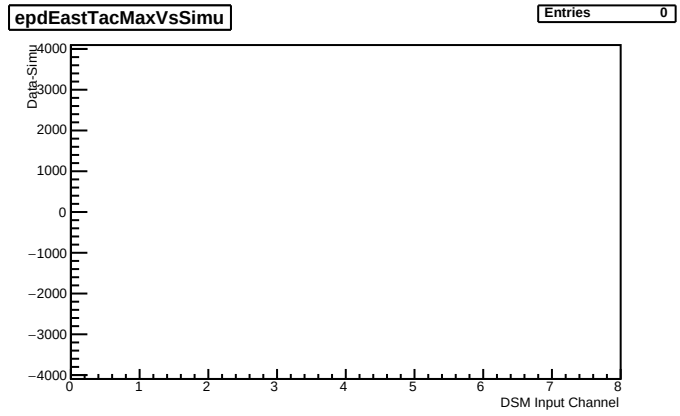
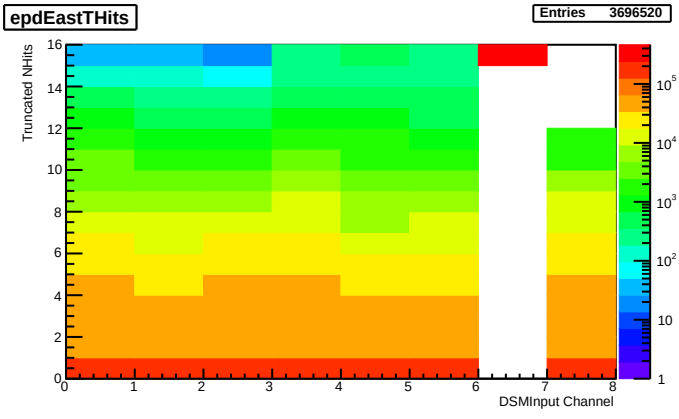
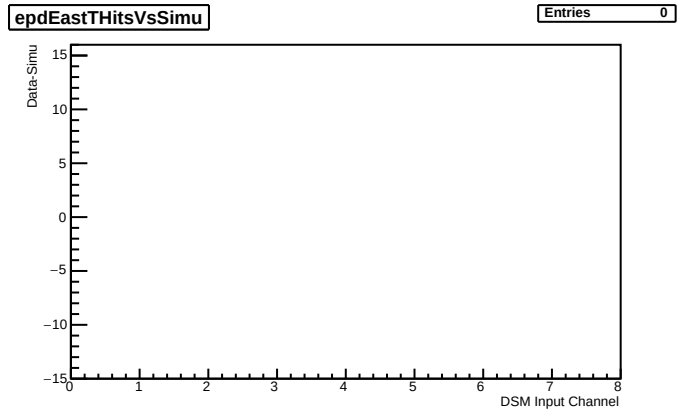
Entries 367872
Data
Simu


epdEastTacMax
Entries 3696520
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3696520
Truncated NHits
DSMInput Channel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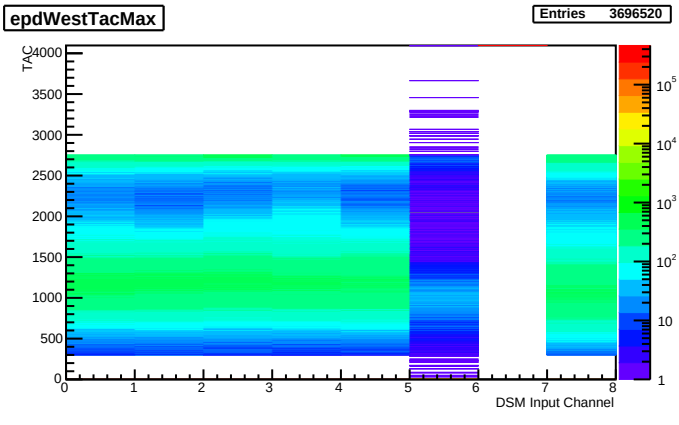
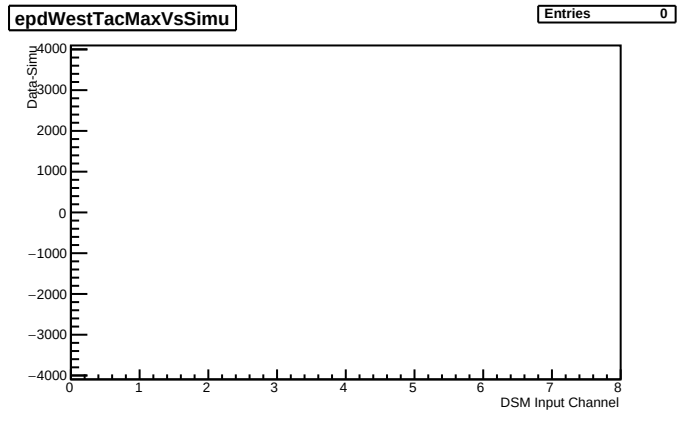
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3696520
TAC
DSM Input Channel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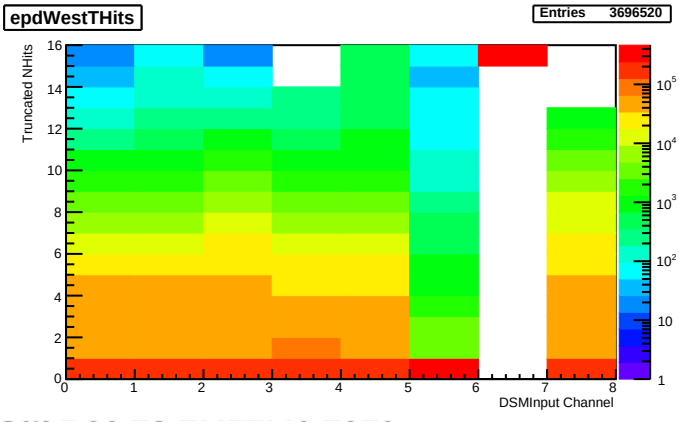
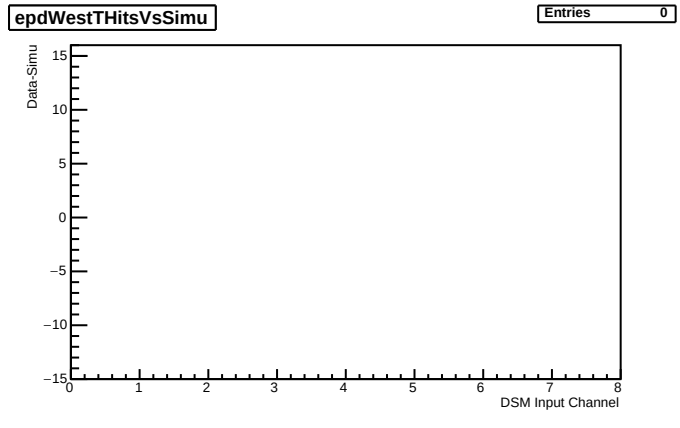
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3696520
Truncated NHits
DSMInput Channel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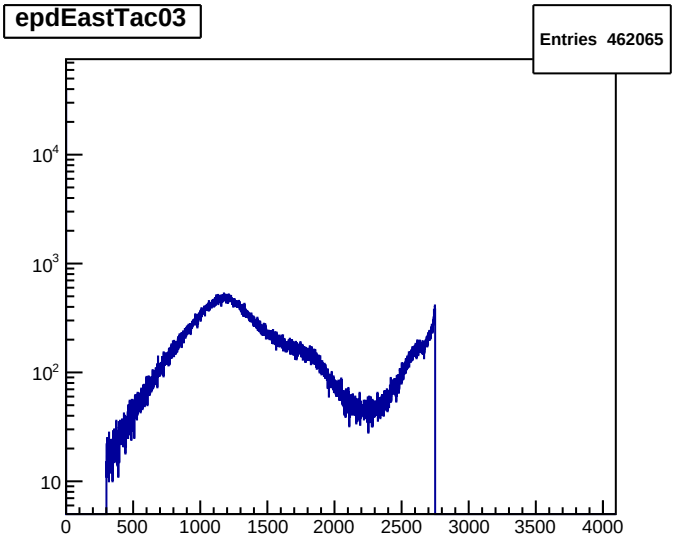
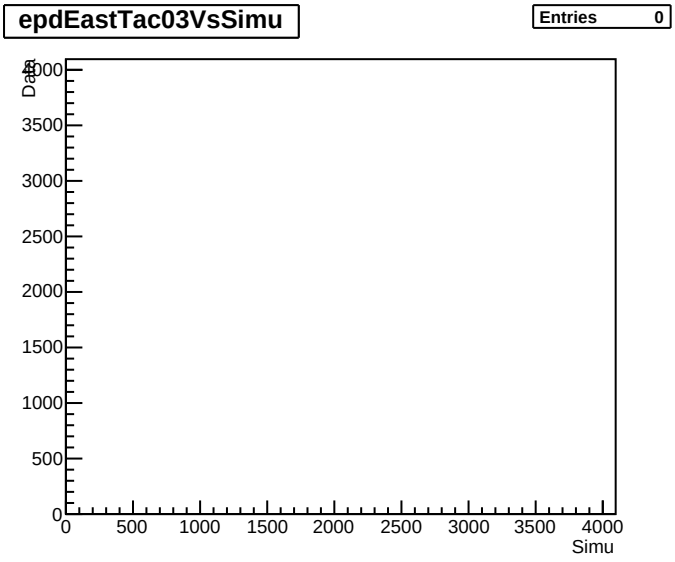
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 462065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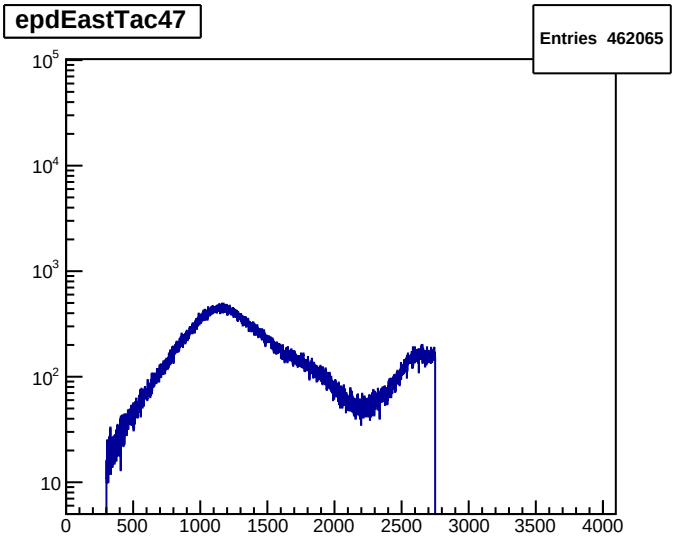
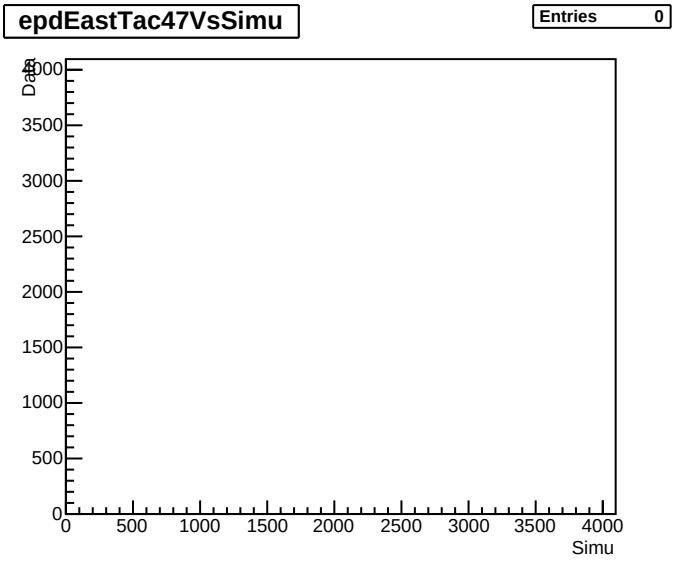
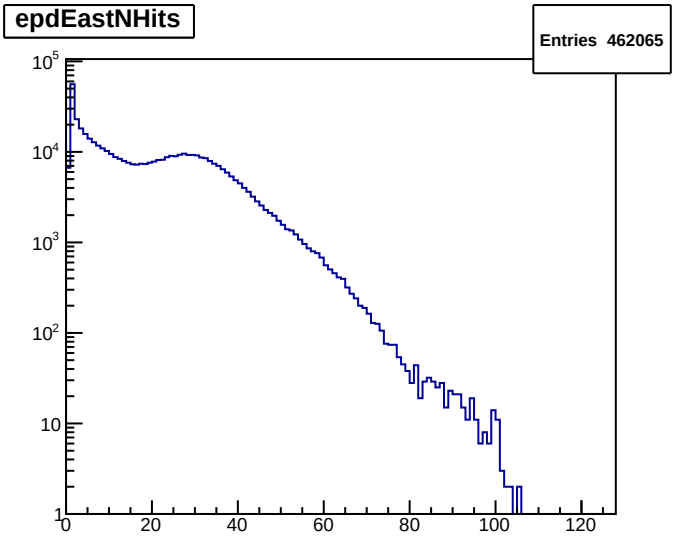
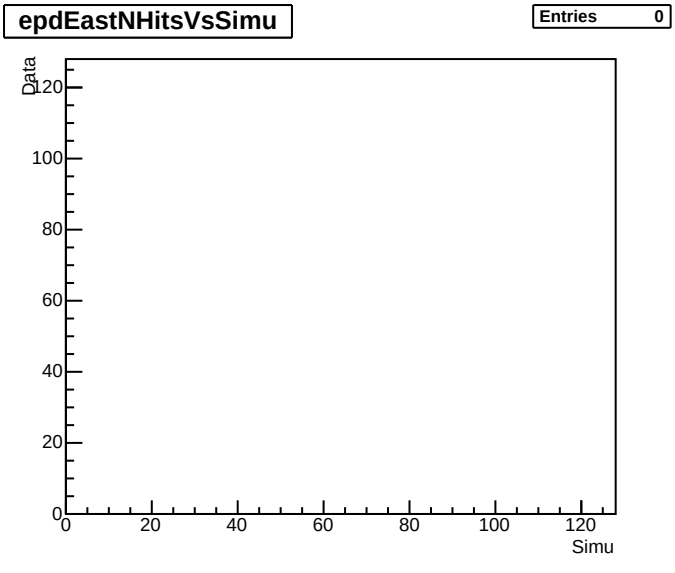
Entries 0
Data
Simu


epdEastTac47
Entries 462065


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 462065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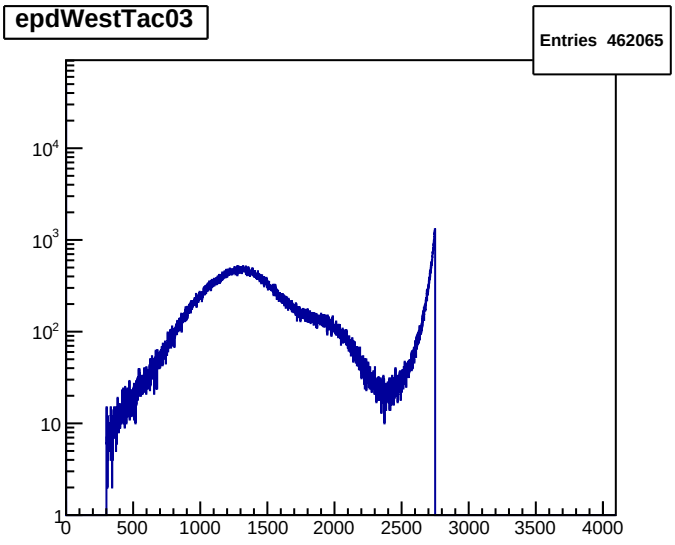
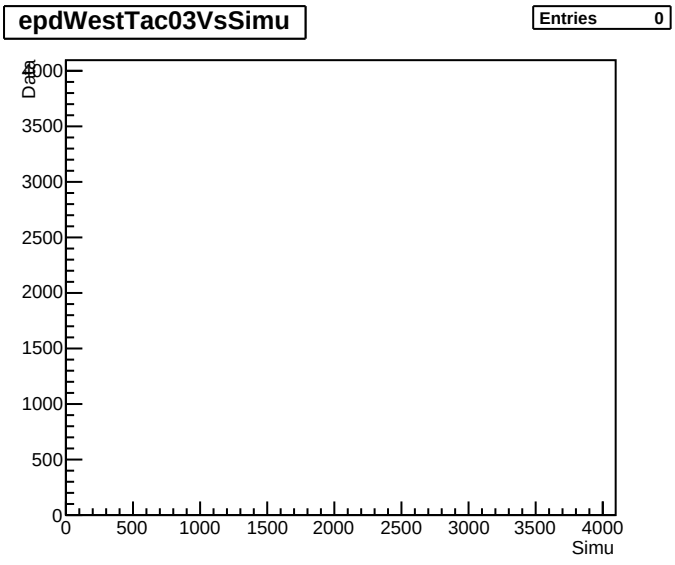
Entries 0
Data
Simu


epdWestTac03
Entries 462065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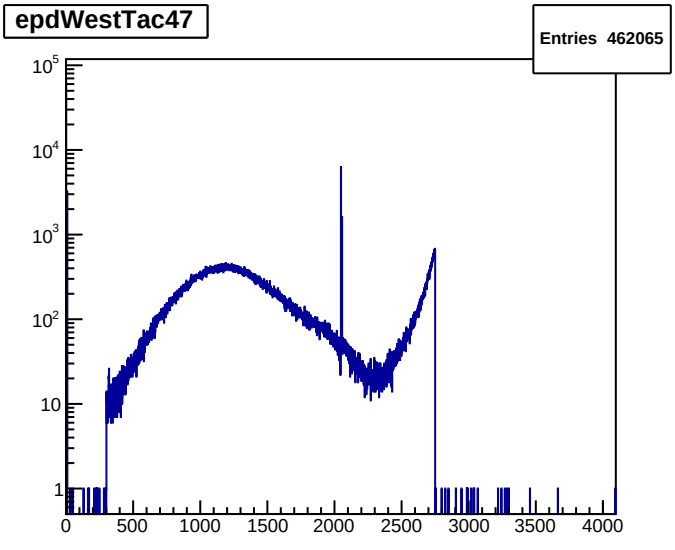
Entries 0
Data
Simu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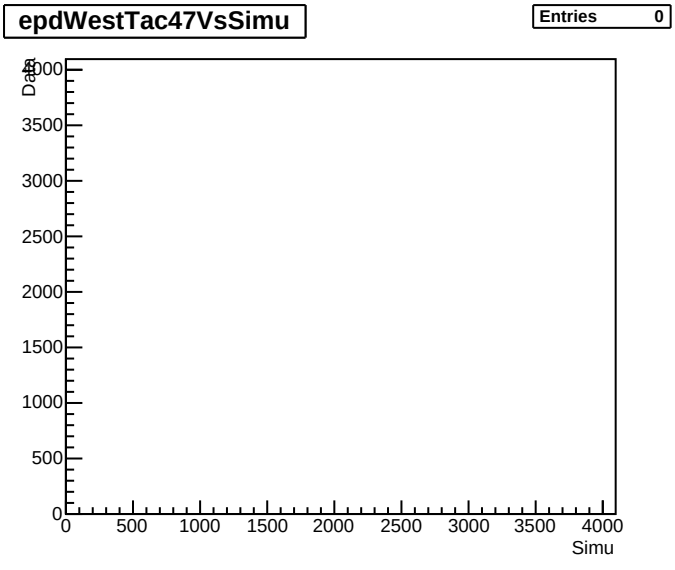
Entries 462065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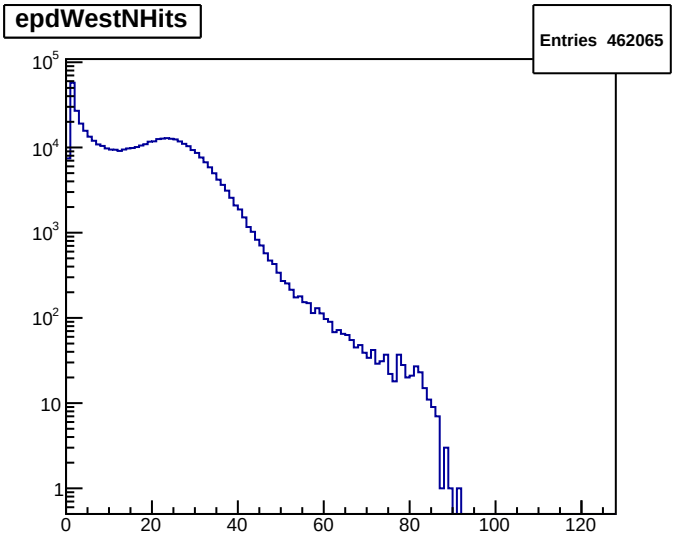
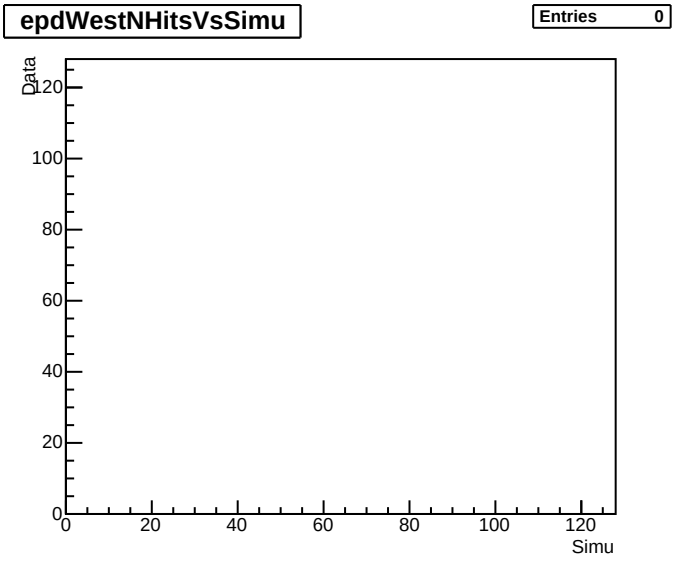
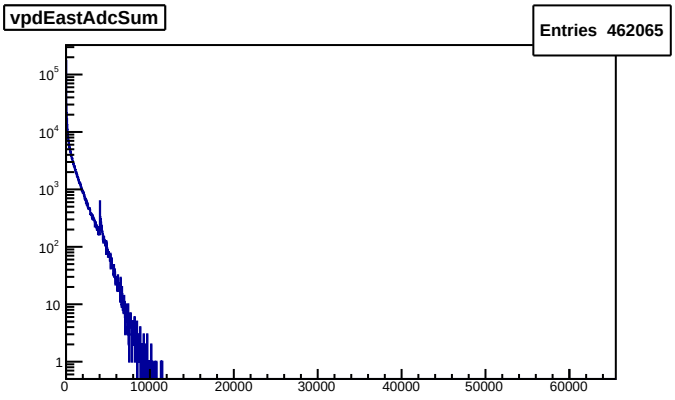
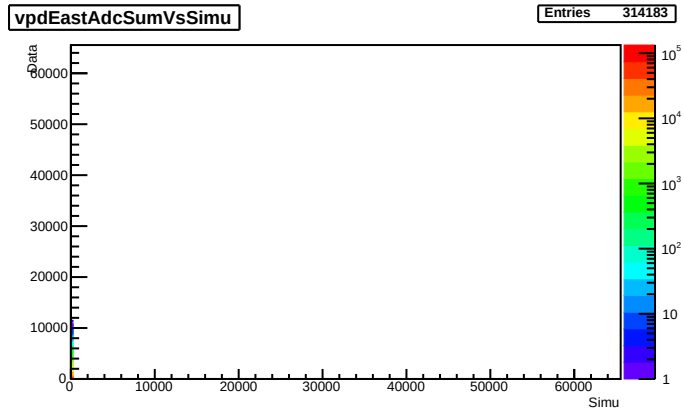
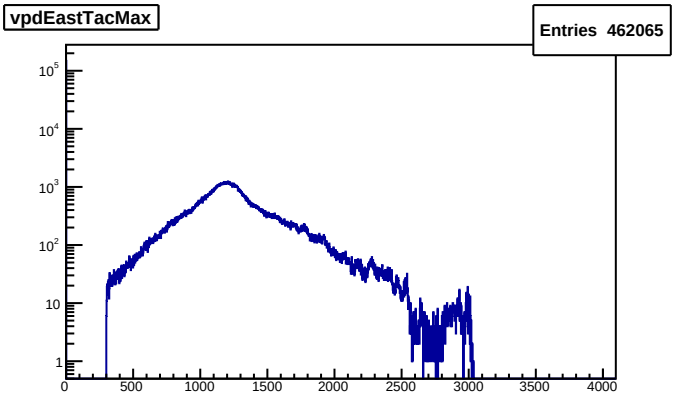
Entries 0
Data
Simu

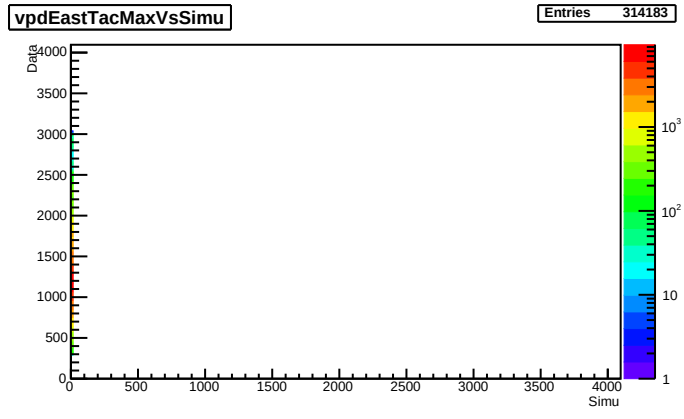

epdWestNHits
Entries 462065

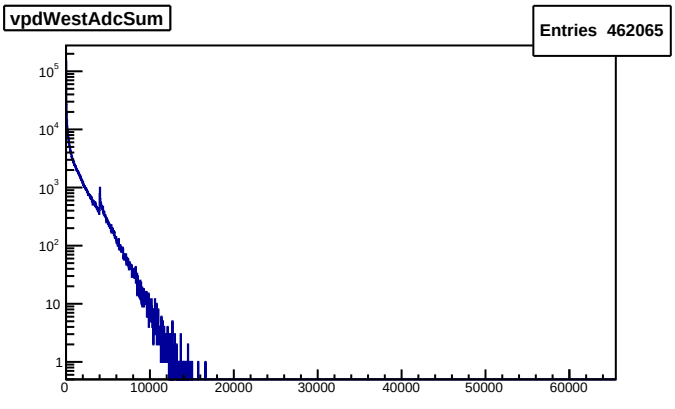

epdWestNHitsVsSimu
Entries 0
Data
Simu

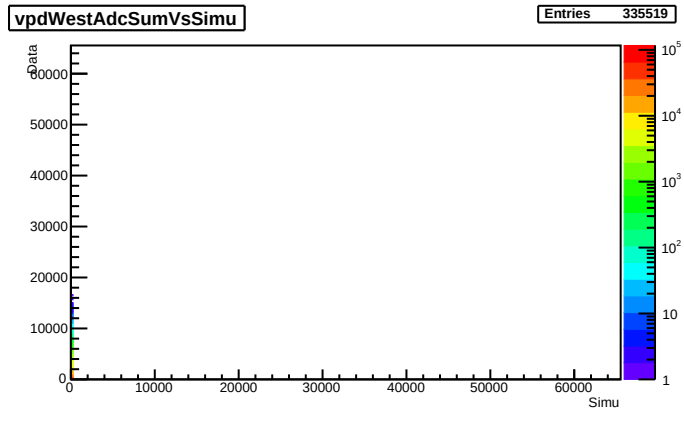

vpdEastAdcSum
Entries 462065

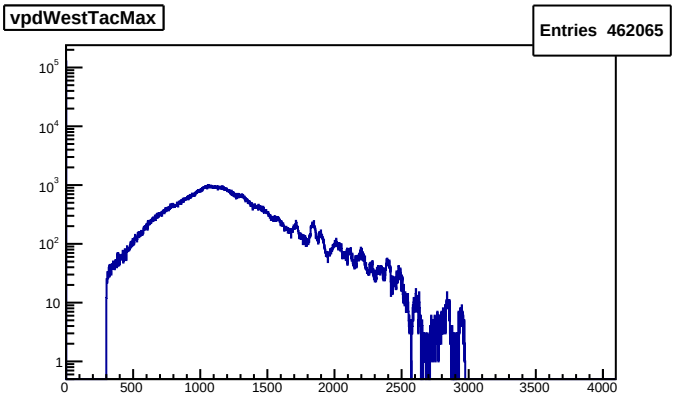

vpdEastAdcSumVsSimu
Entries 314183
Data
Simu

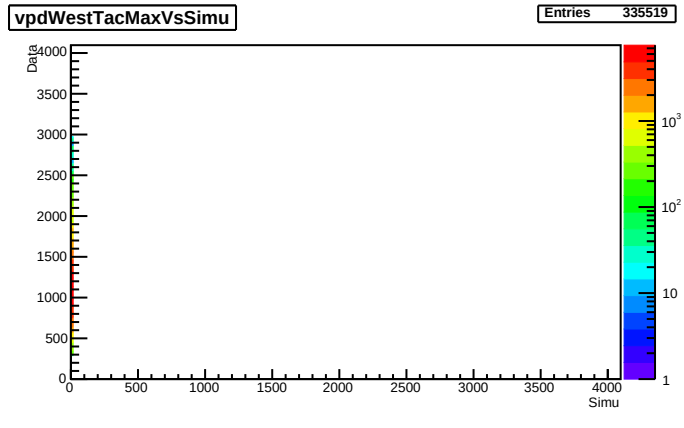

vpdEastTacMax
Entries 462065

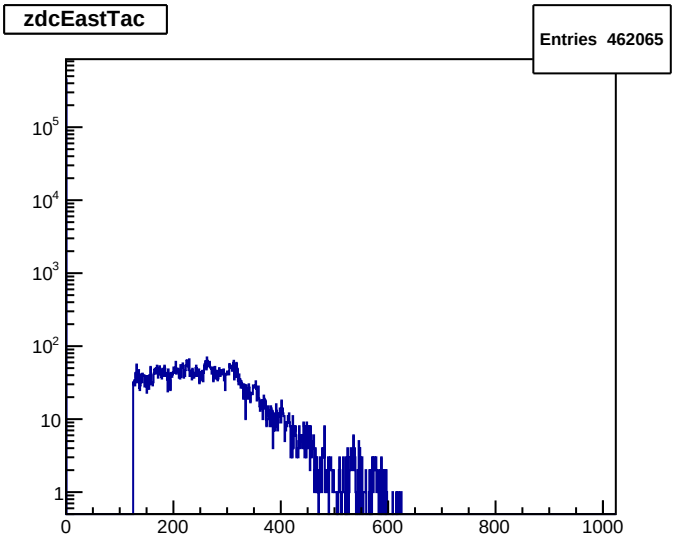

vpdEastTacMaxVsSimu
Entries 314183
Data
Simu

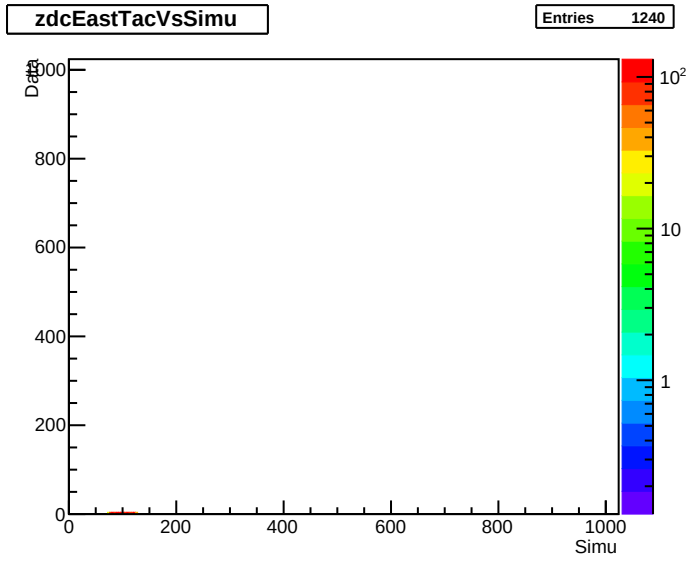

vpdWestAdcSum
Entries 462065

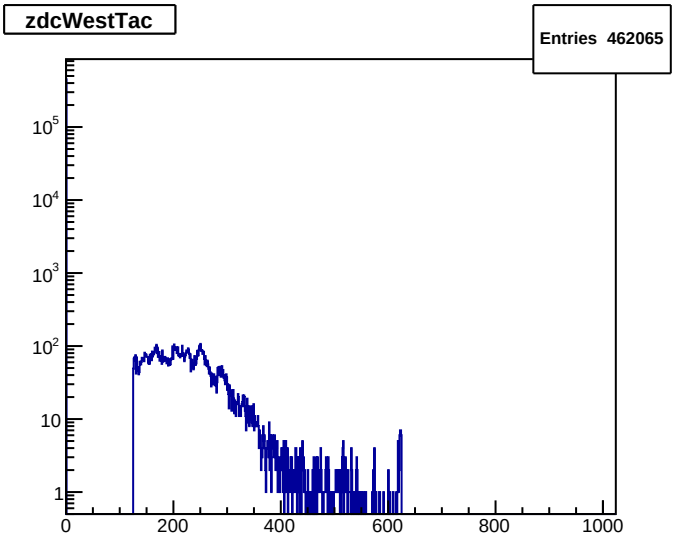

vpdWestAdcSumVsSimu
Entries 335519
Data
Simu

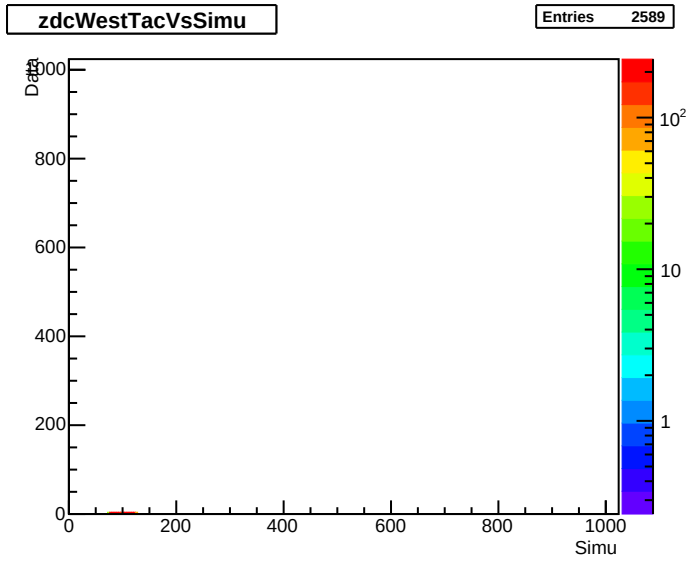

vpdWestTacMax
Entries 462065

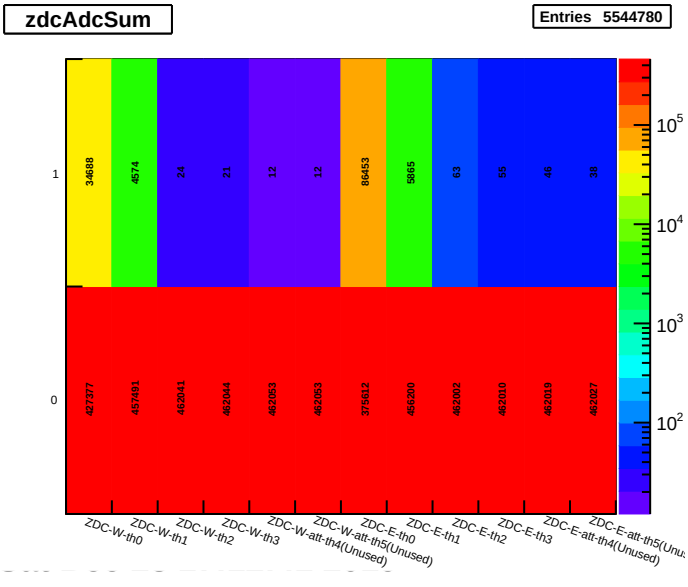

vpdWestTacMaxVsSimu
Entries 335519
Data
Simu

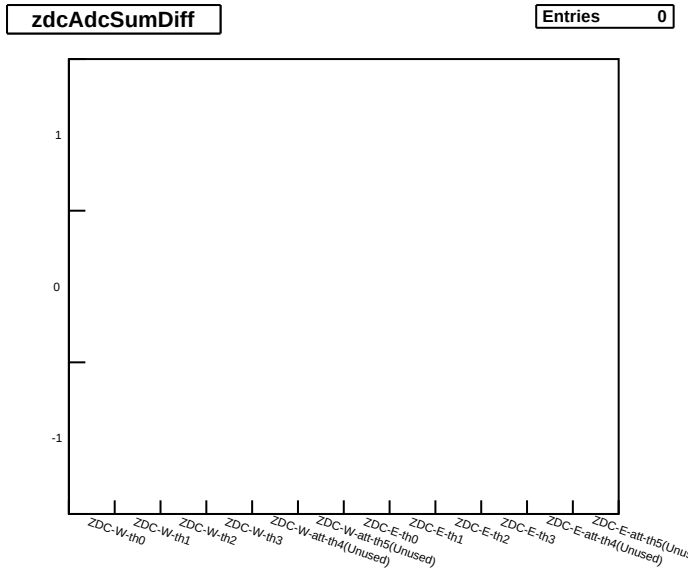

zdcEastTac
Entries 462065

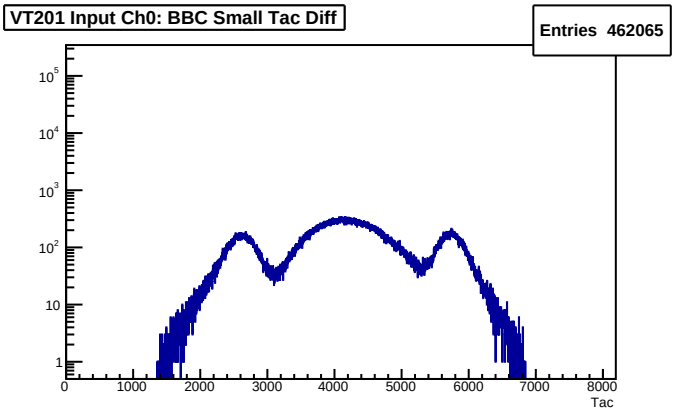

zdcEastTacVsSimu
Entries 1240
Data
Simu

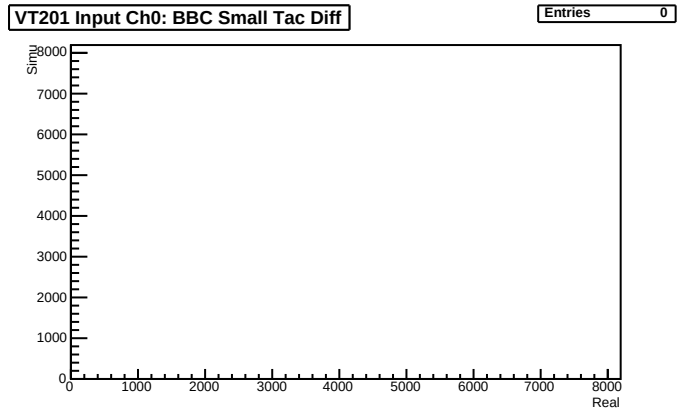

zdcWestTac
Entries 462065

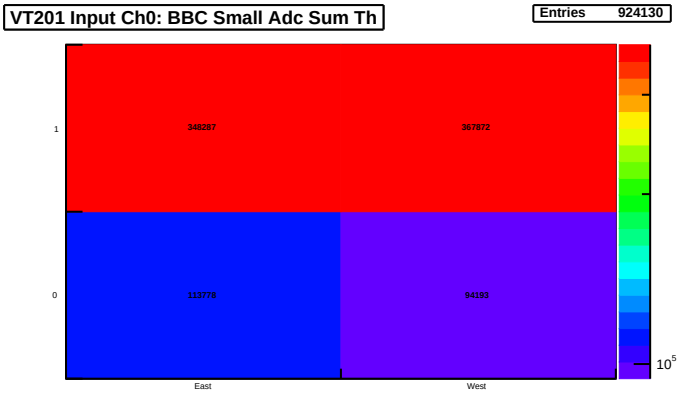

zdcWestTacVsSimu
Entries 2589
Data
Simu

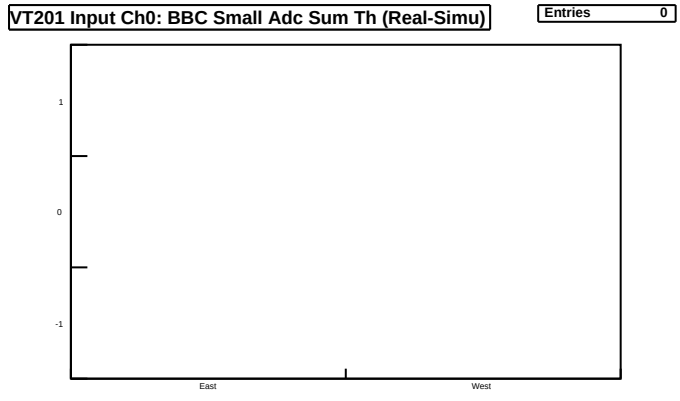

zdcAdcSum
Entries 5544780
34688
4574
24
21
12
12
86453
5865
63
55
46
38
427377
457491
462041
462044
462053
462053
375612
456200
462002
462010
462019
462027
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

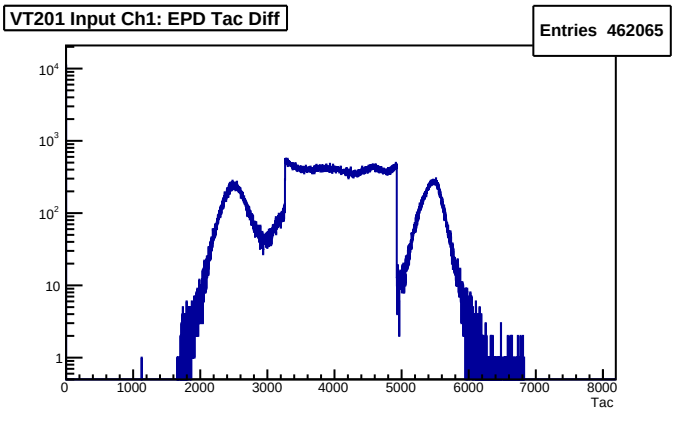

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

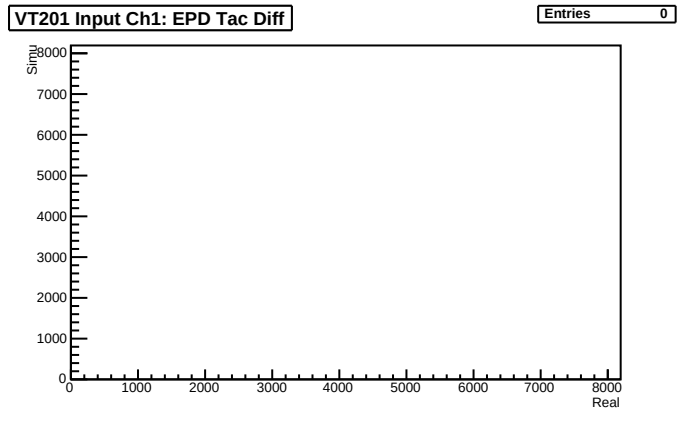

VT201 Input Ch0: BBC Small Tac Diff
Entries 462065
Tac

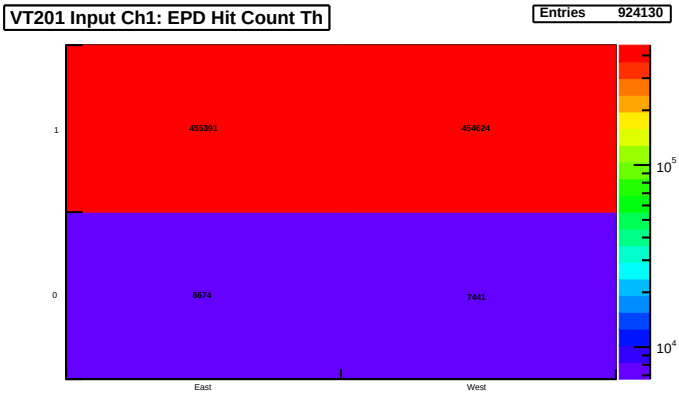

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

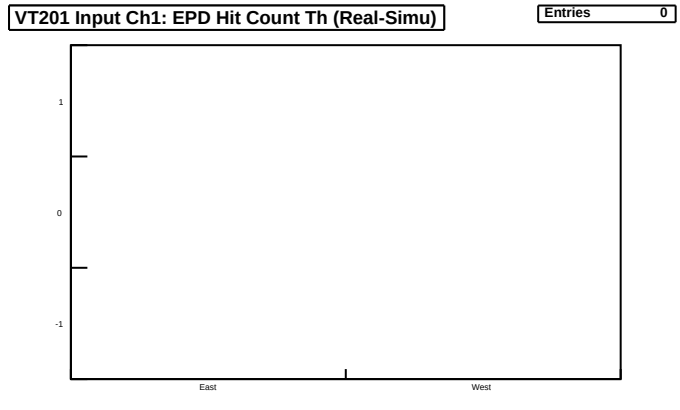

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 924130
348287
367872
113778
94193
East
West

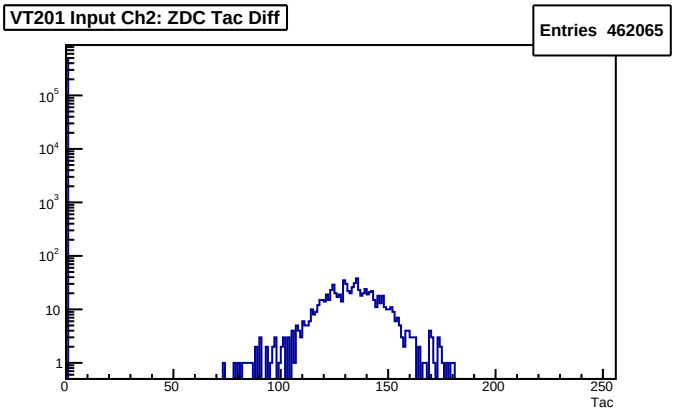

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

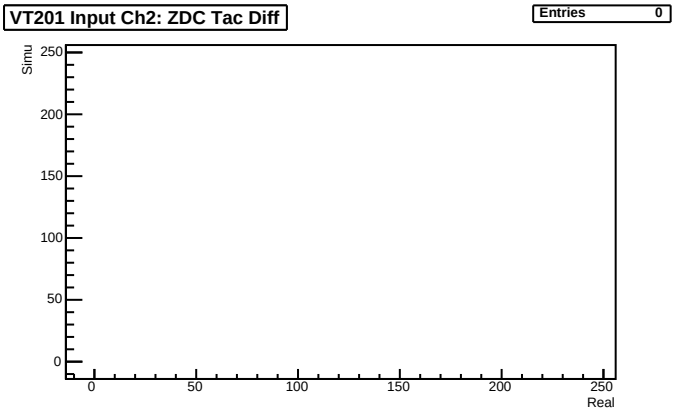

VT201 Input Ch1: EPD Tac Diff
Entries 462065
Tac

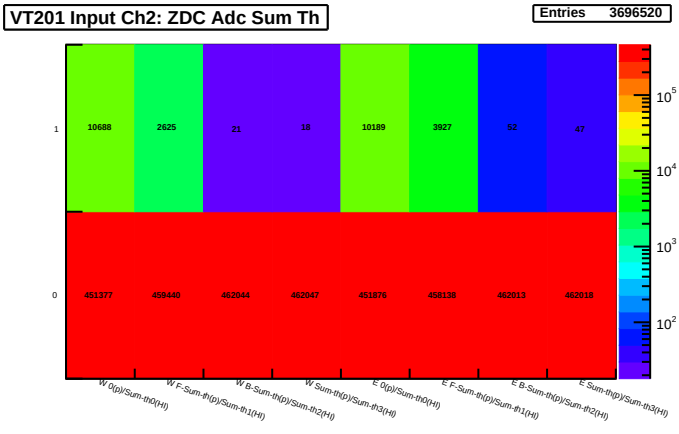

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

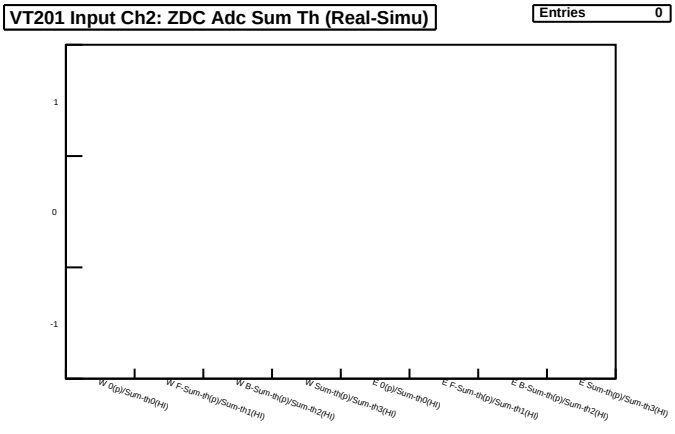

VT201 Input Ch1: EPD Hit Count Th
Entries 924130
455391
454624
6674
7441
East
West

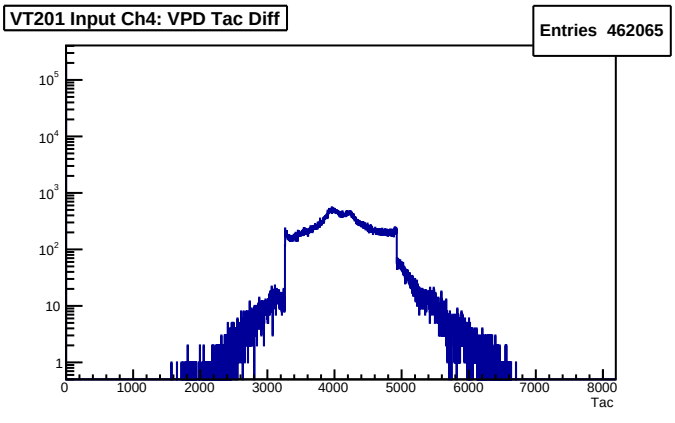

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

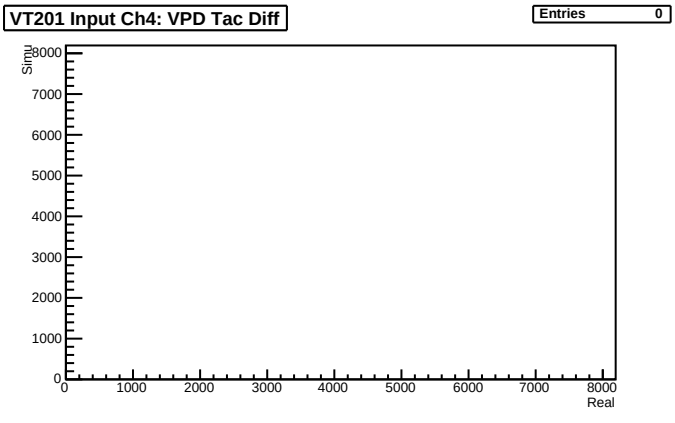

VT201 Input Ch2: ZDC Tac Diff
Entries 462065
Tac

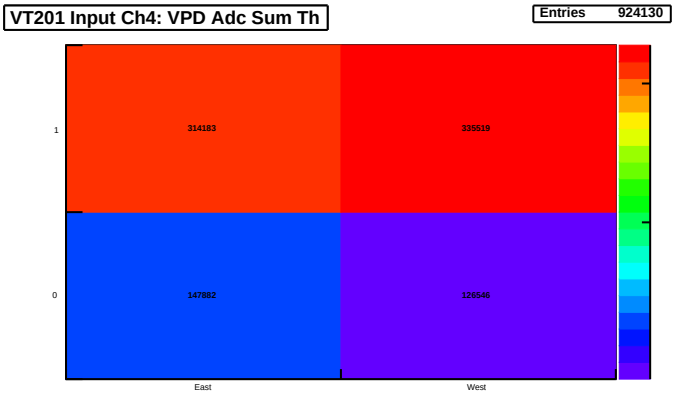

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

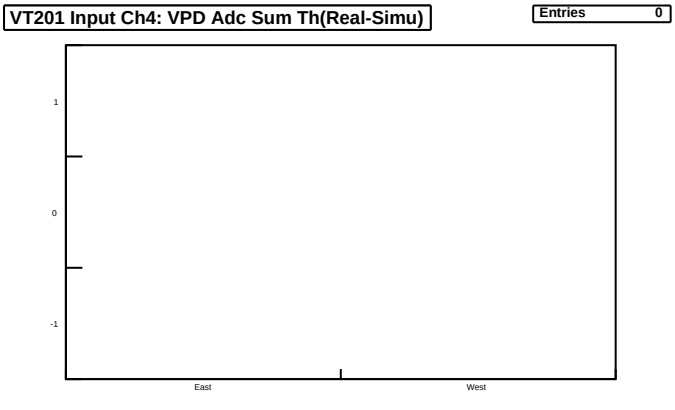

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3696520
10688
2625
21
18
10189
3927
52
47
451377
459440
462044
462047
451876
458138
462013
462018
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

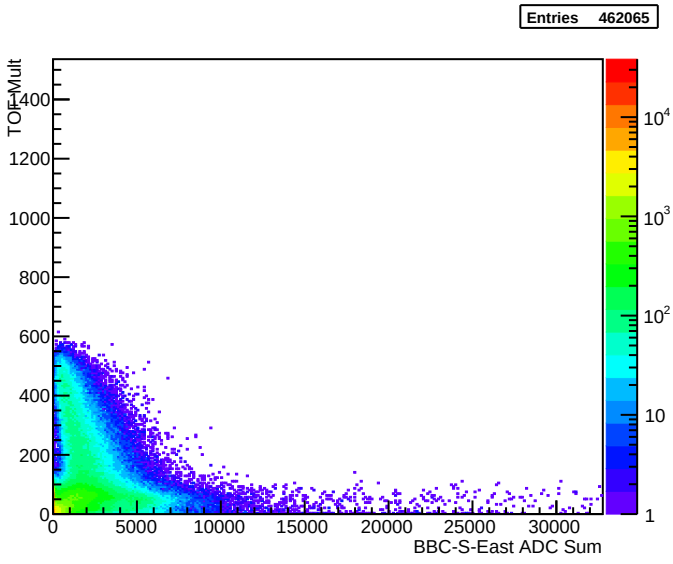

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

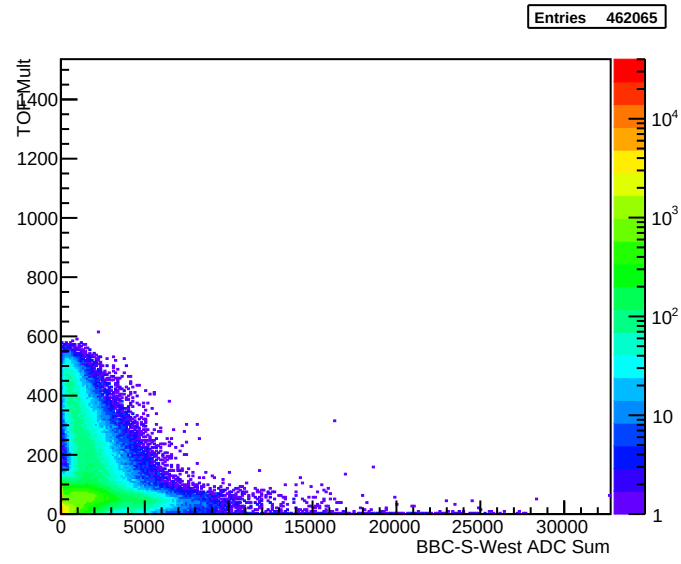

VT201 Input Ch4: VPD Tac Diff
Entries 462065
Tac

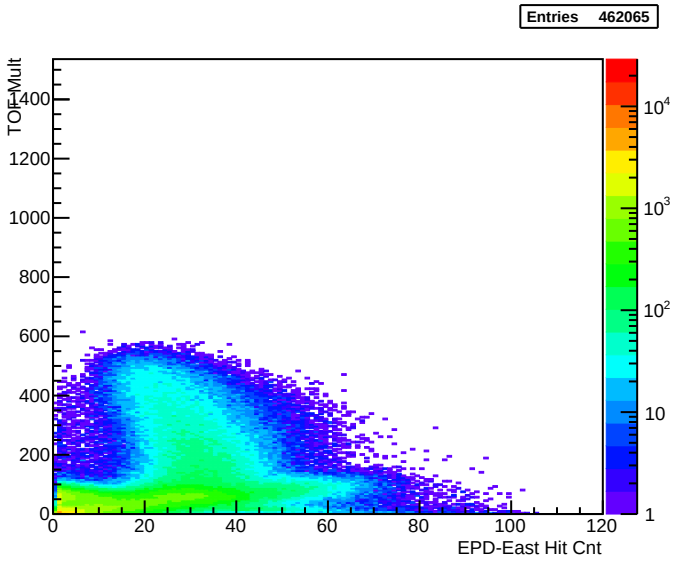

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

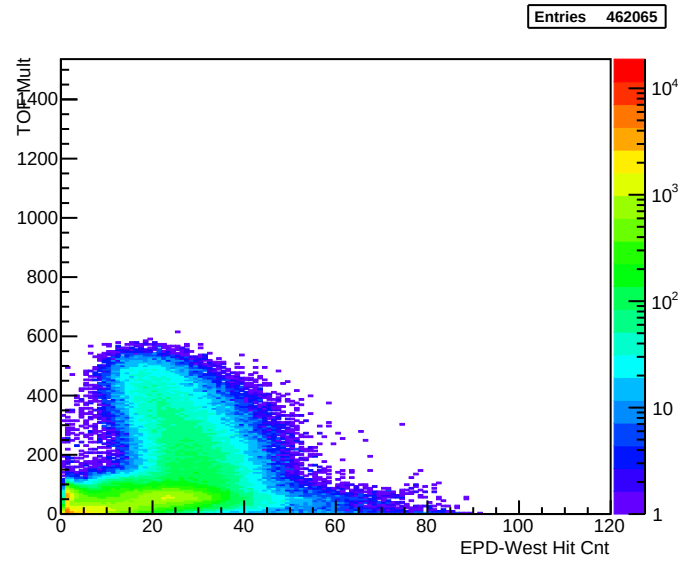

VT201 Input Ch4: VPD Adc Sum Th
Entries 924130
314183
335519
147882
126546
East
West

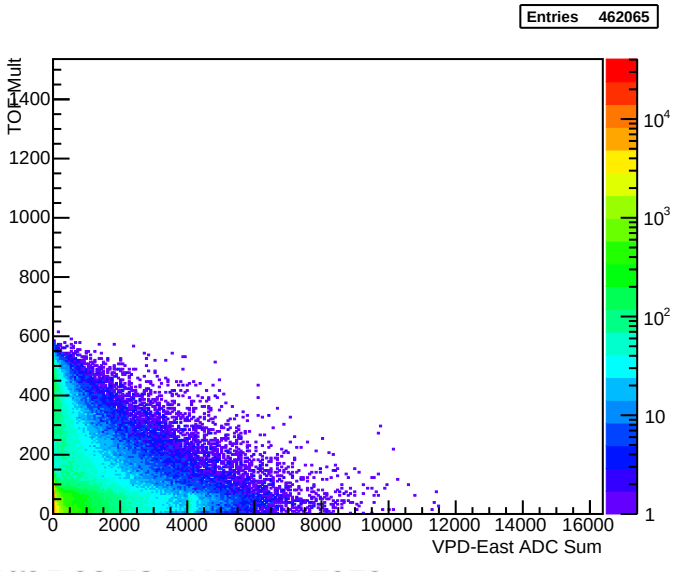

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

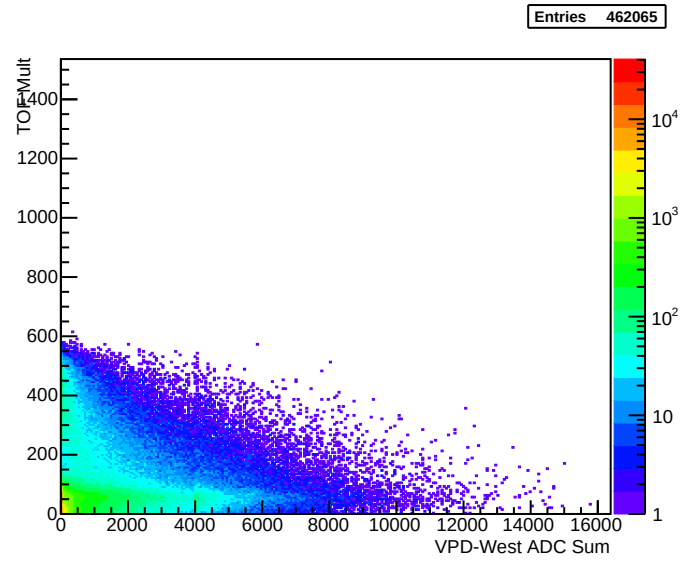

Entries 462065
TOF-Mult
BBC-S-East ADC Sum

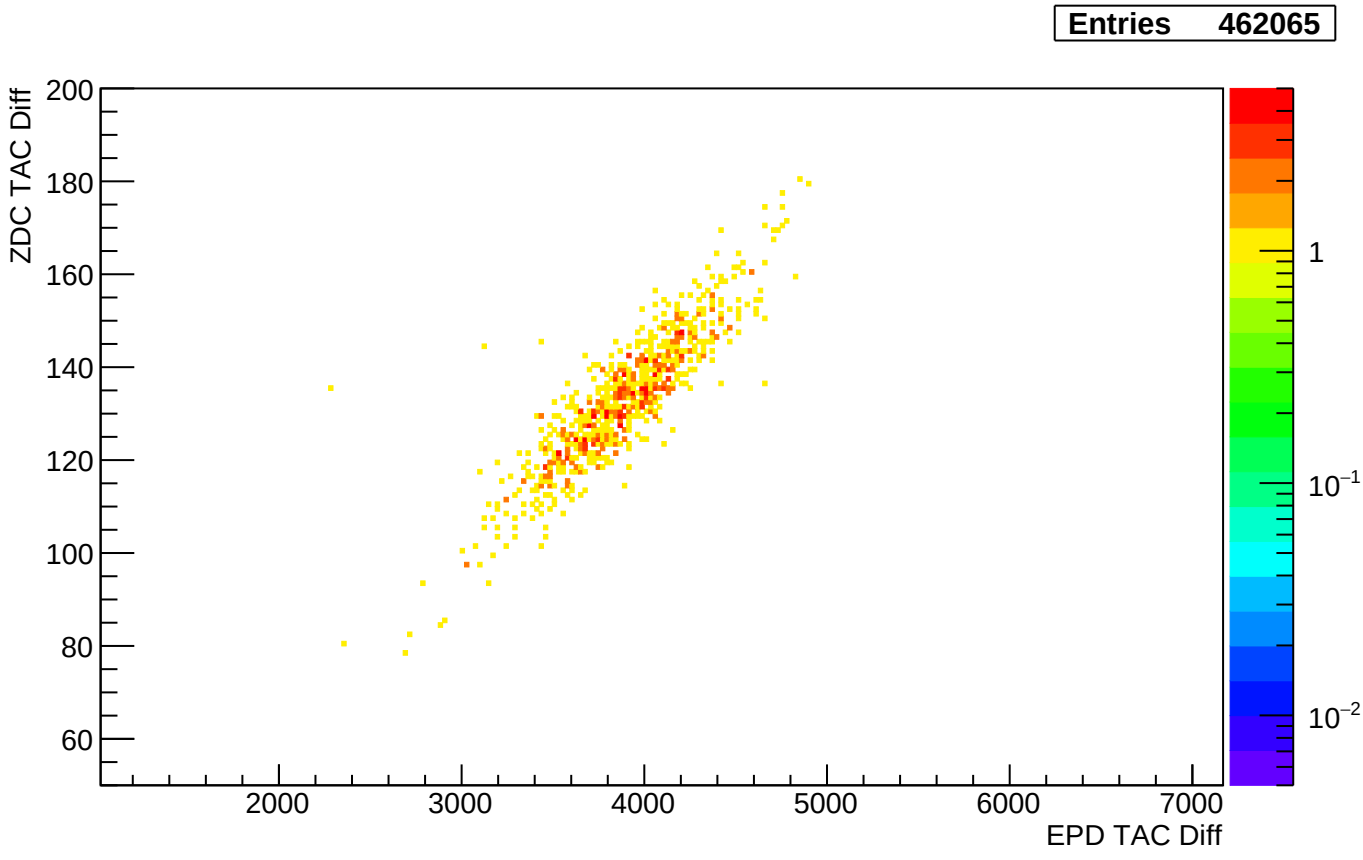

Entries 462065
TOF-Mult
BBC-S-West ADC Sum

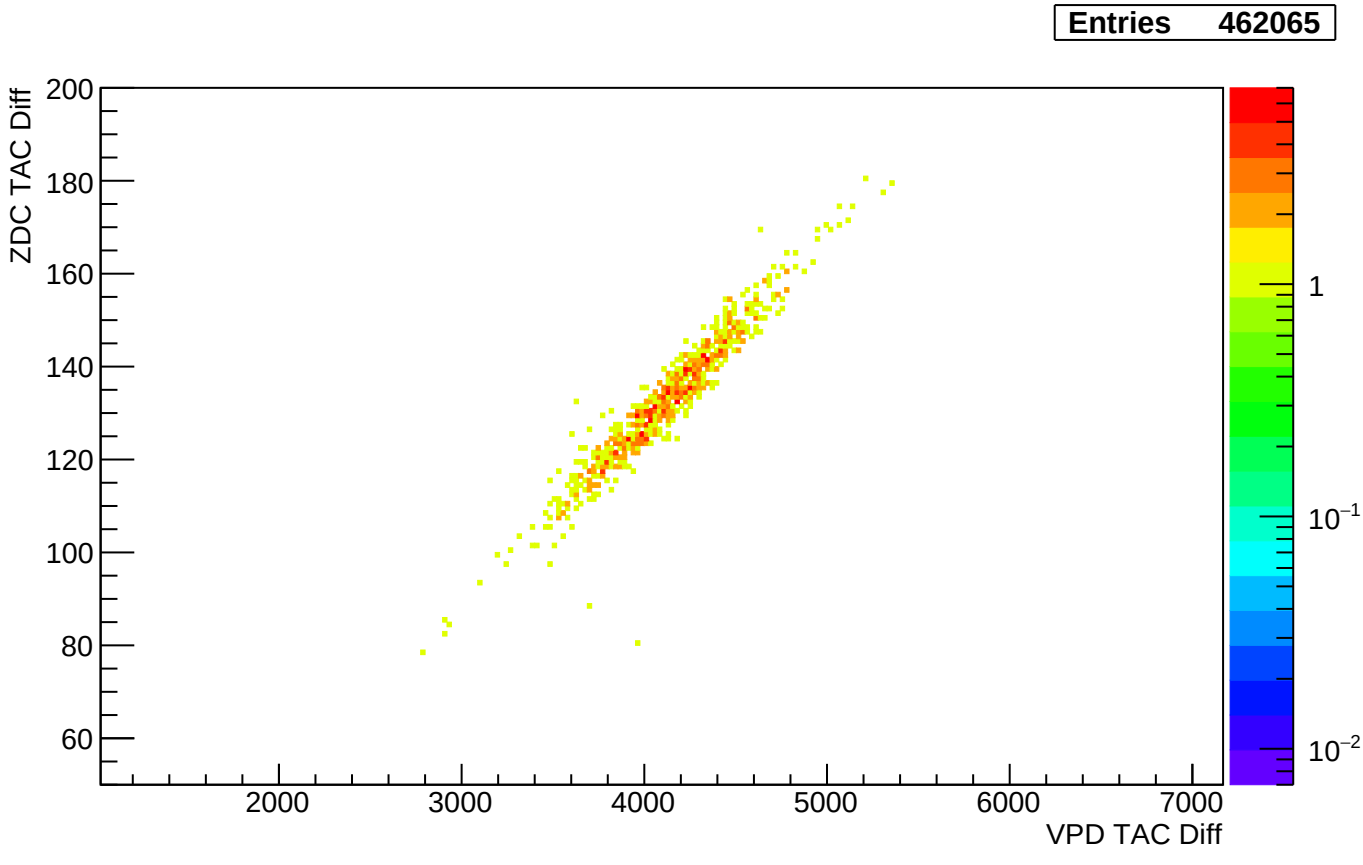

Entries 462065
TOF-Mult
EPD-East Hit Cnt

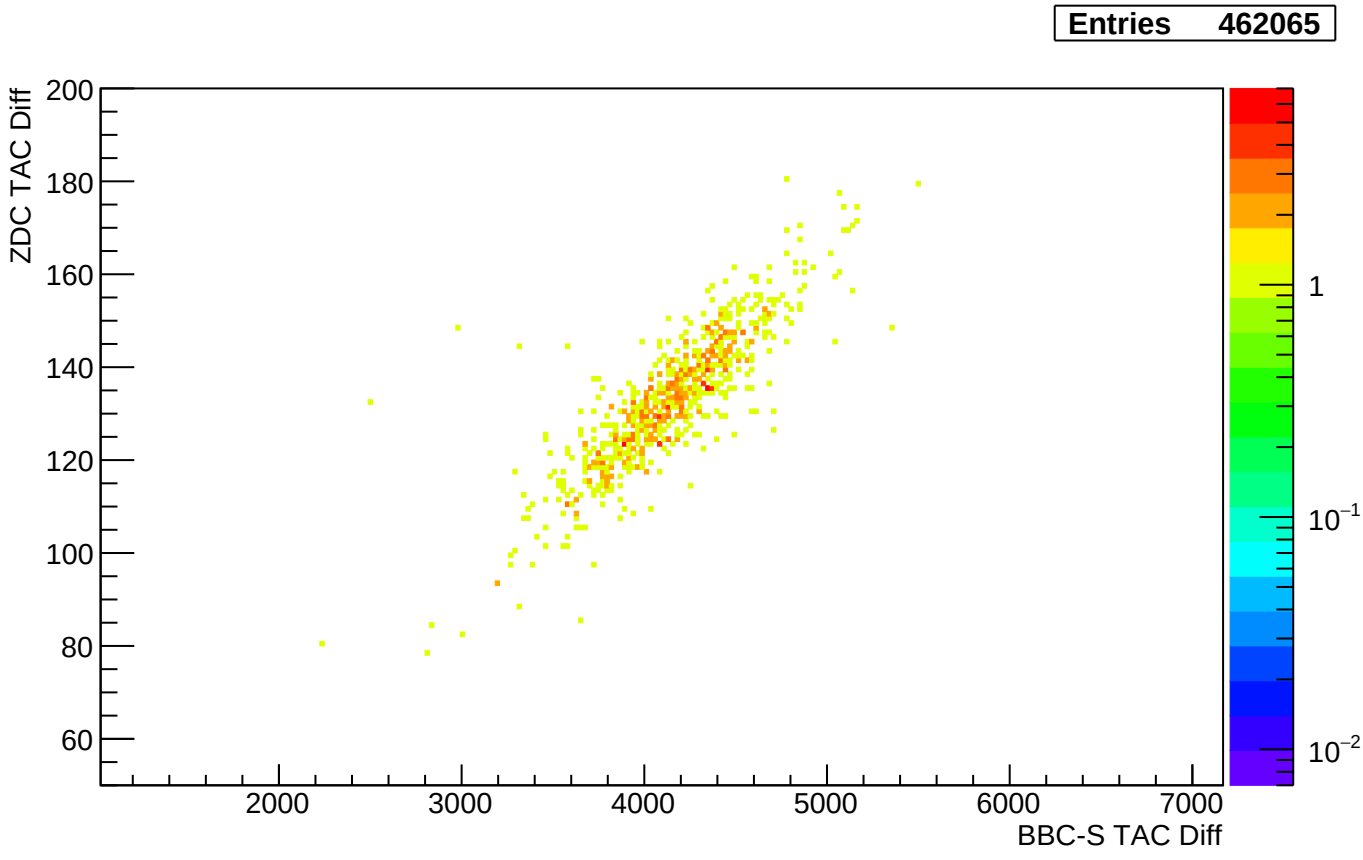

Entries 462065
TOF-Mult
EPD-West Hit Cnt

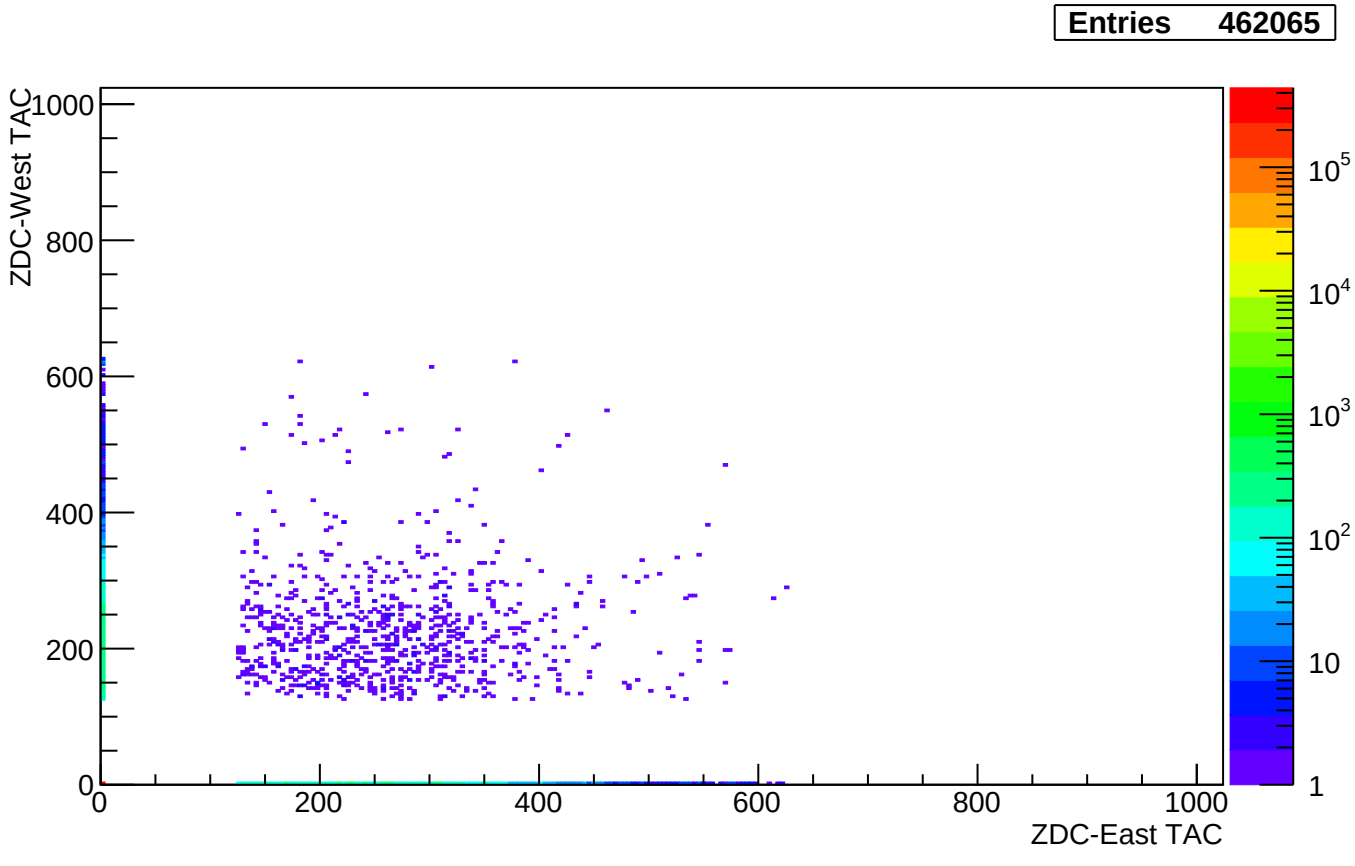

Entries 462065
TOF-Mult
VPD-East ADC Sum

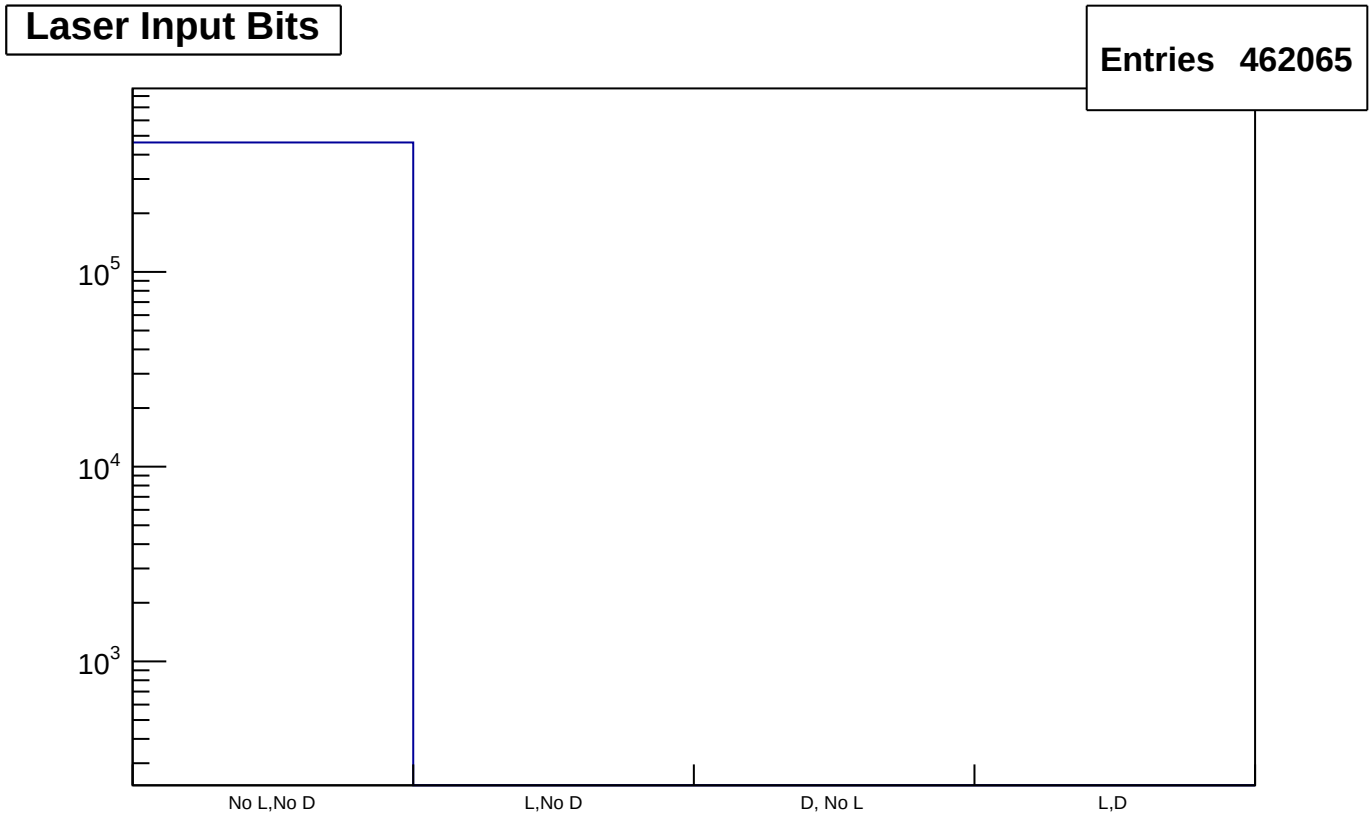

Entries 462065
TOF-Mult
VPD-West ADC Sum

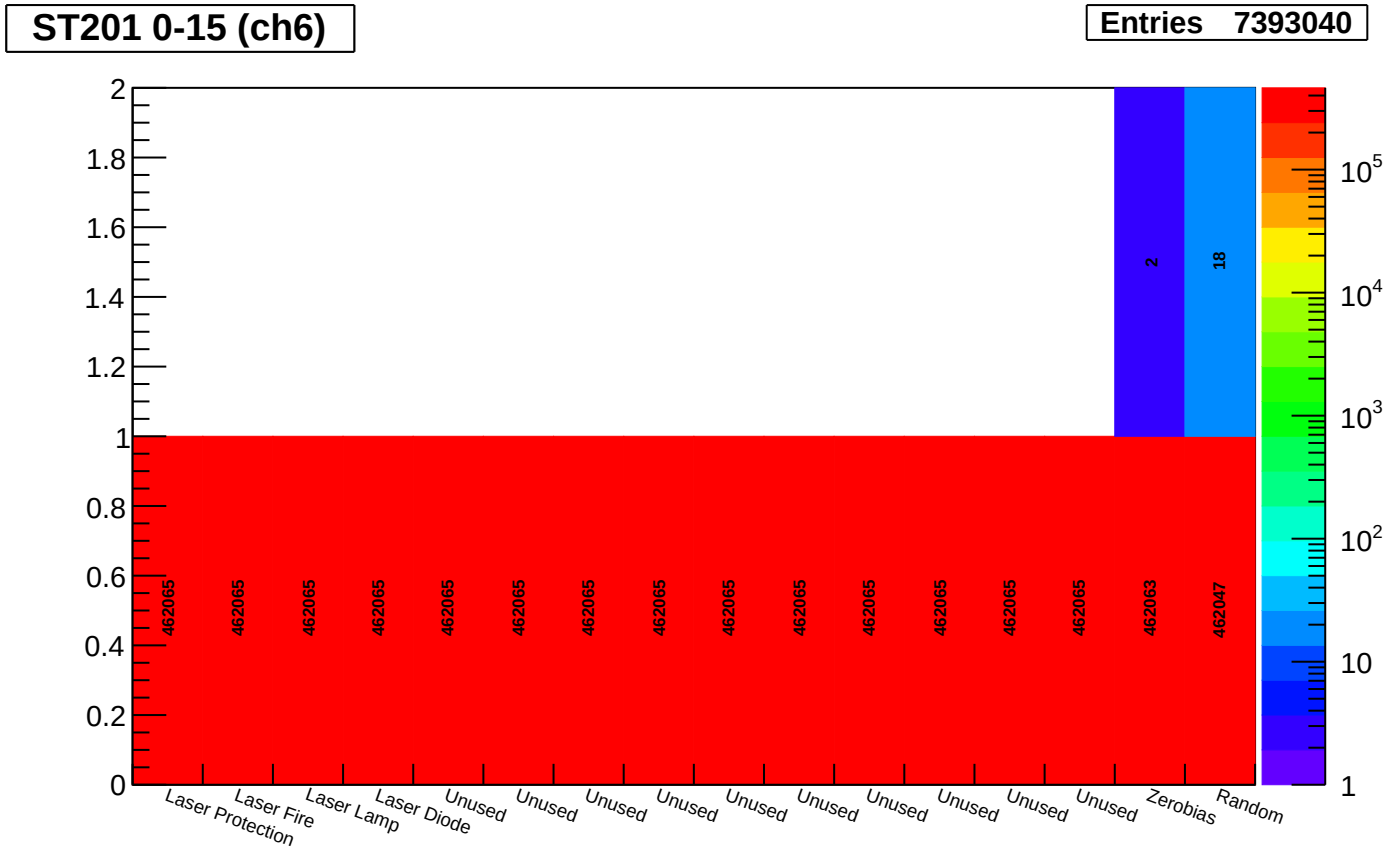

Entries 462065
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

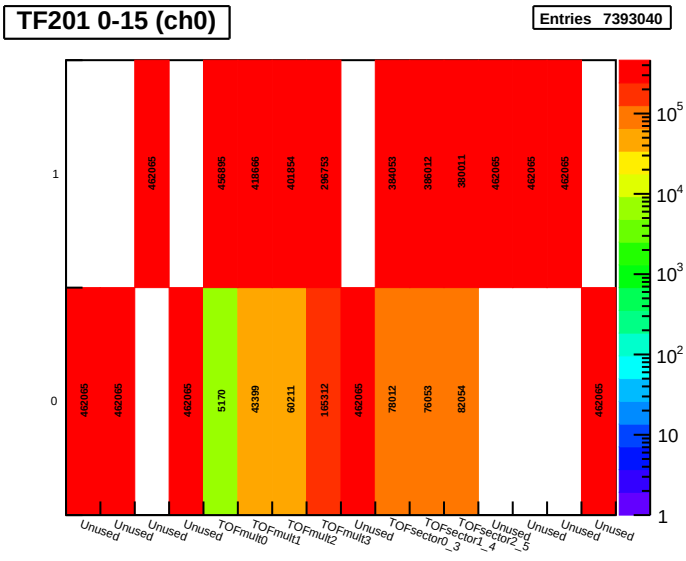

Entries 462065
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

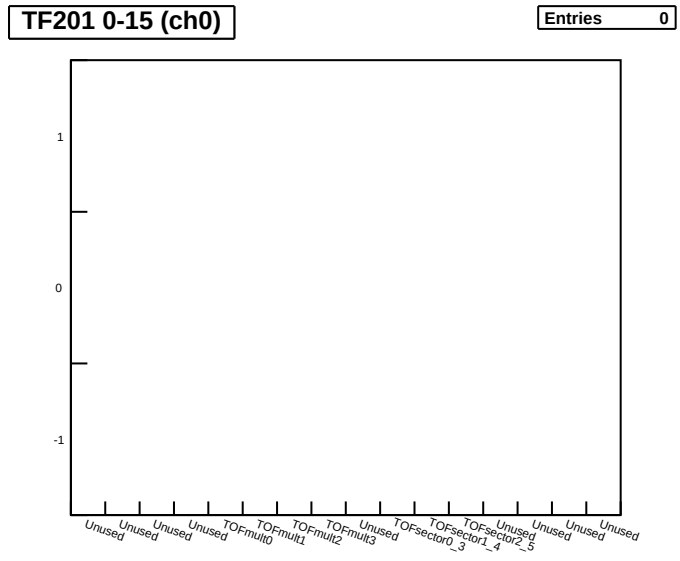

Entries 462065
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

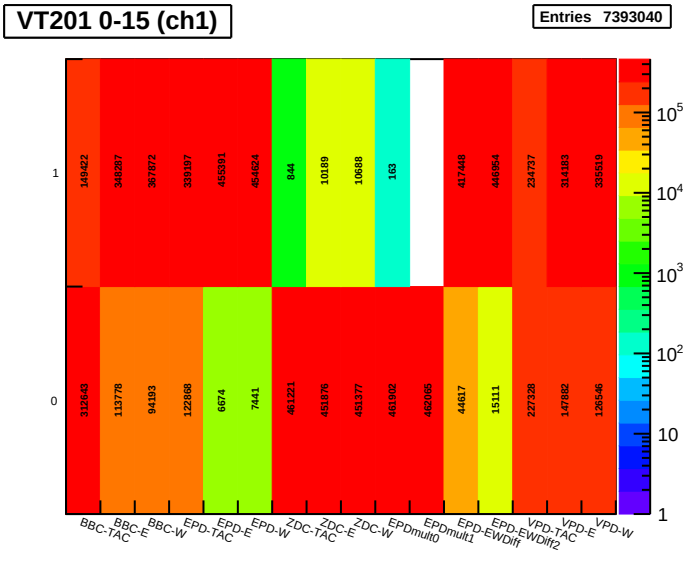

Entries 462065
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

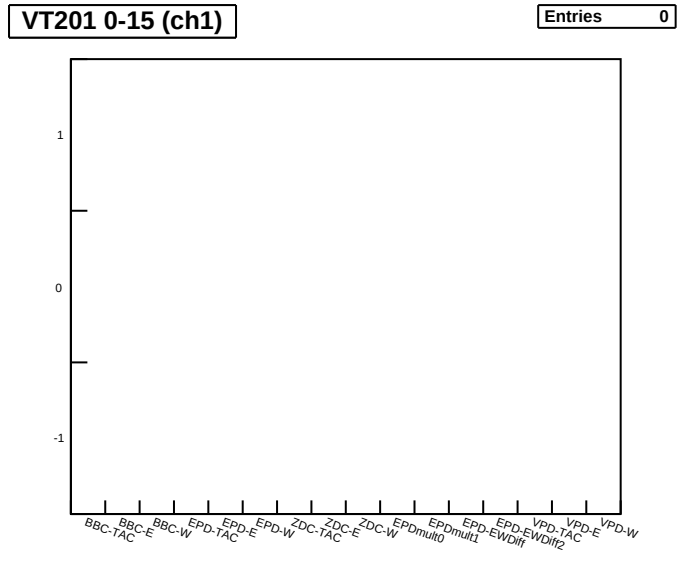

Laser Input Bits
Entries 462065
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

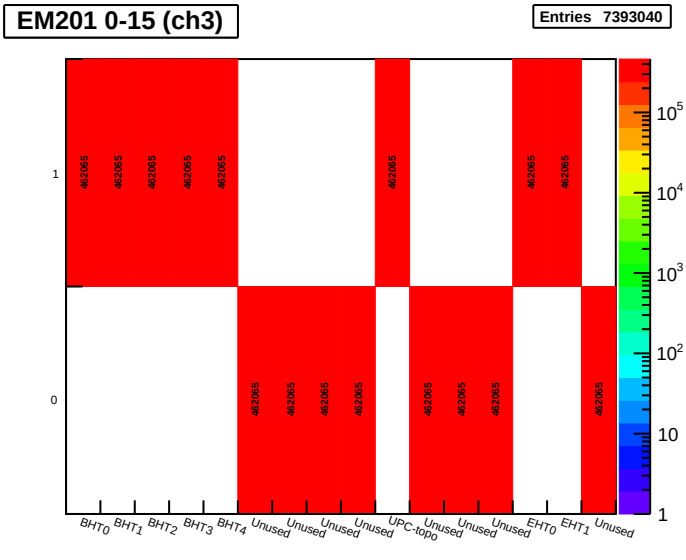

ST201 0-15 (ch6)
Entries 7393040
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
462065
462065
462065
462065
462065
462065
462065
462065
462065
462065
462065
462065
462065
462065
462063
462047
2
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

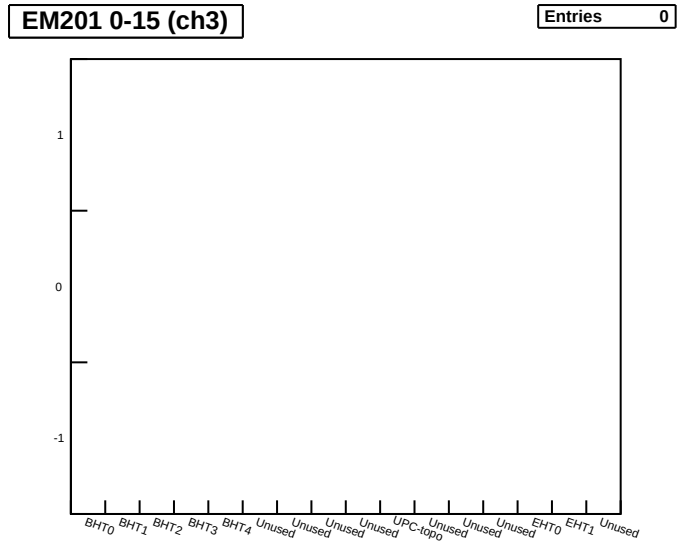

TF201 0-15 (ch0)
Entries 7393040
1
0
462065
456895
418666
401854
296753
384053
386012
380011
462065
462065
462065
462065
462065
462065
5170
43399
60211
165312
462065
78012
76053
82054
462065
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 7393040
1
0
149422
348287
367872
339197
455391
454624
844
10189
10688
163
417448
446954
234737
314183
335519
312643
113778
94193
122868
6674
7441
461221
451876
451377
461902
462065
44617
15111
227328
147882
126546
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 7393040
1
0
462065
462065
462065
462065
462065
462065
462065
462065
462065
462065
462065
462065
462065
462065
462065
462065
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