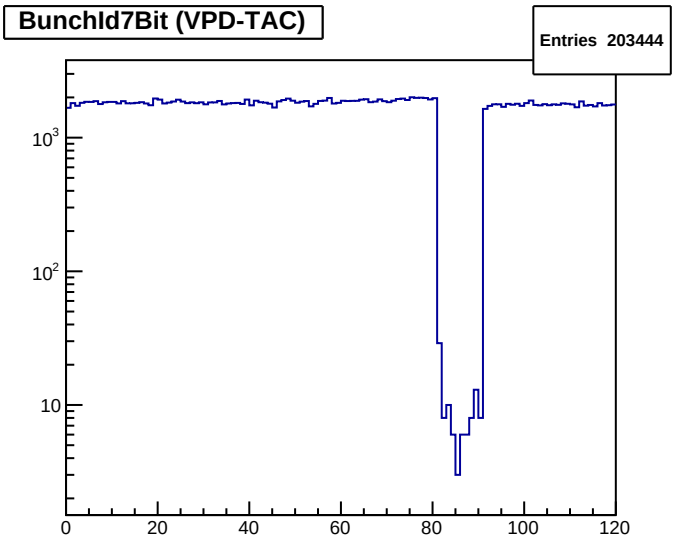
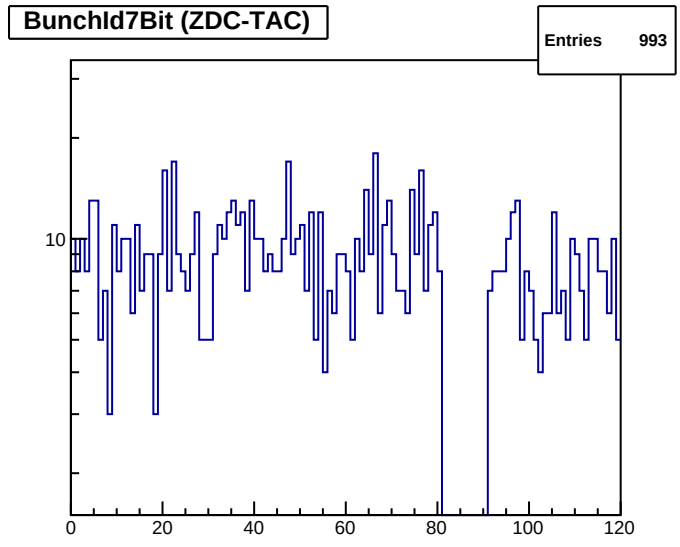
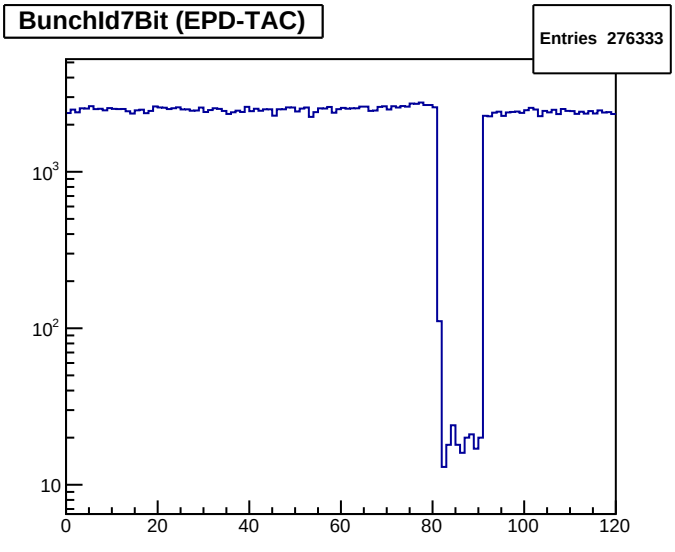
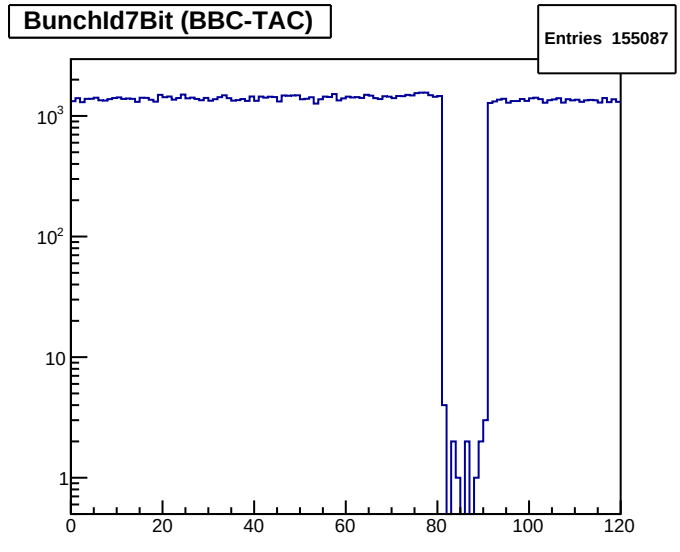
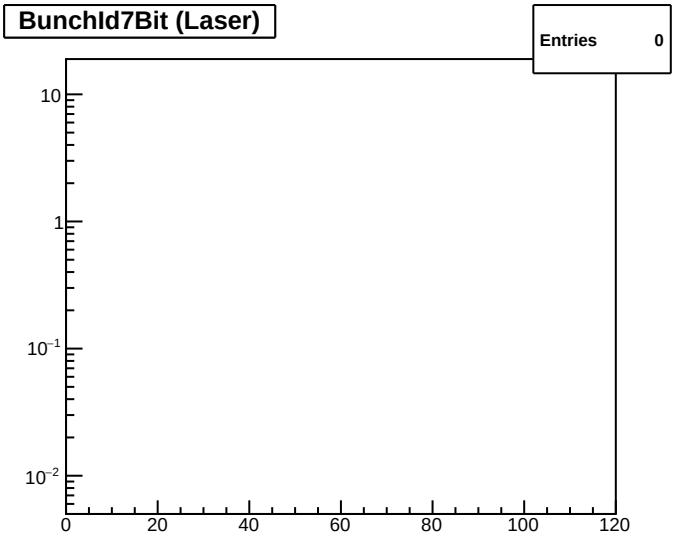
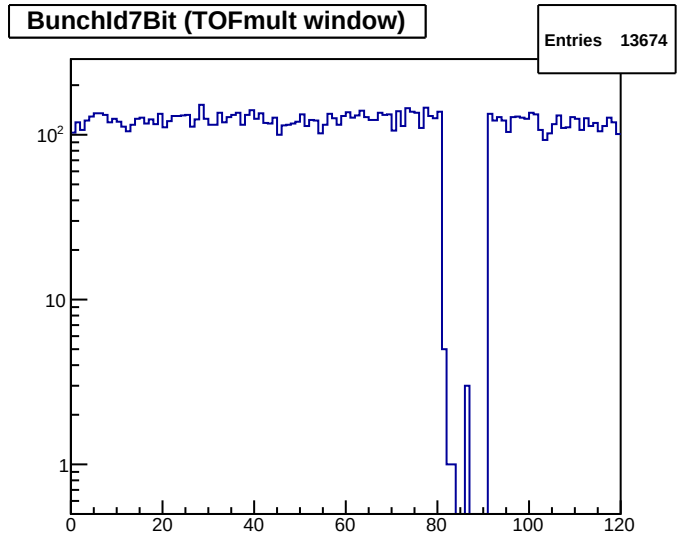

BunchId7Bit (VPD-TAC)
Entries 203444

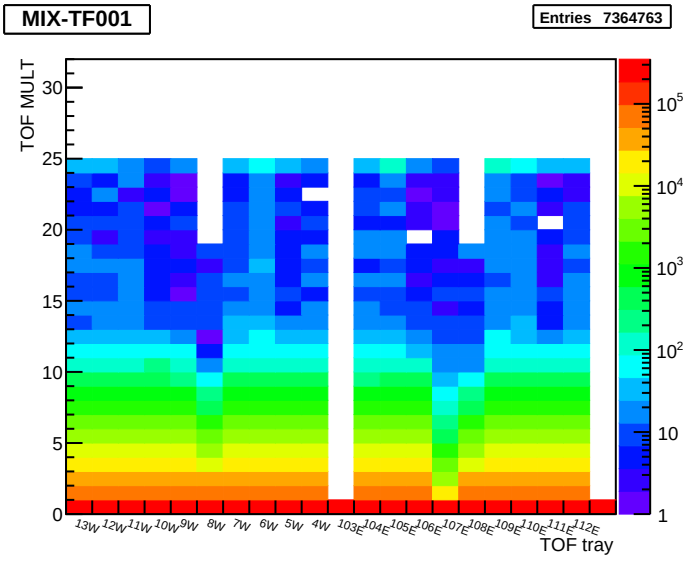

BunchId7Bit (ZDC-TAC)
Entries 993

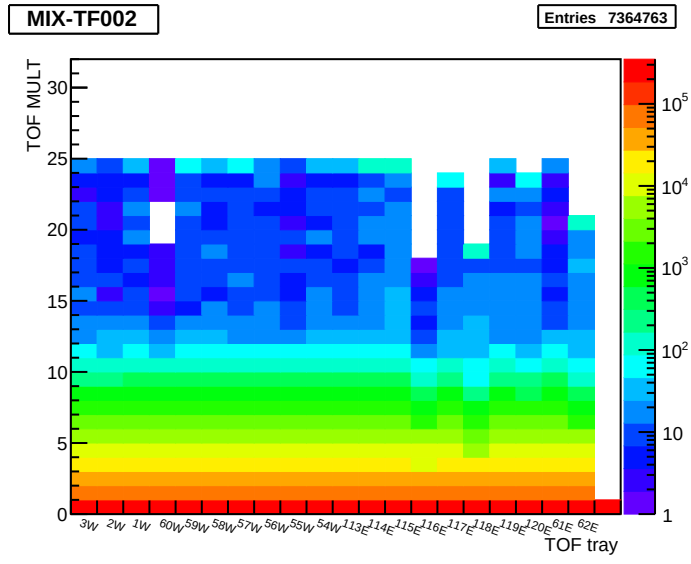

BunchId7Bit (EPD-TAC)
Entries 276333

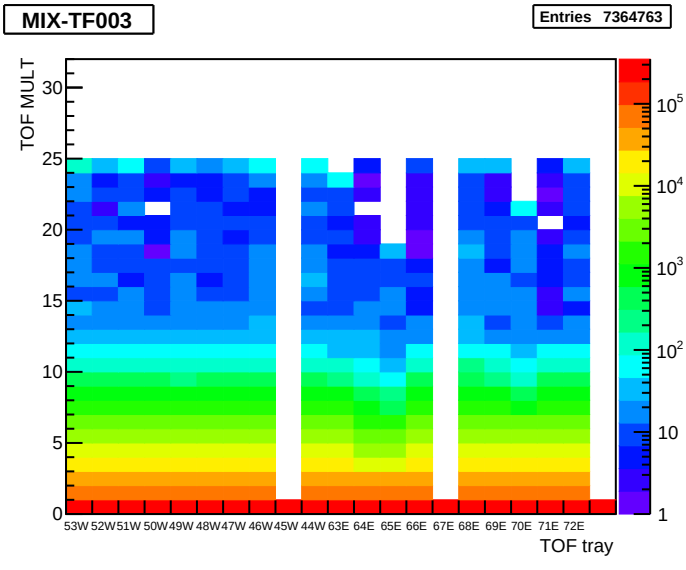

BunchId7Bit (BBC-TAC)
Entries 155087

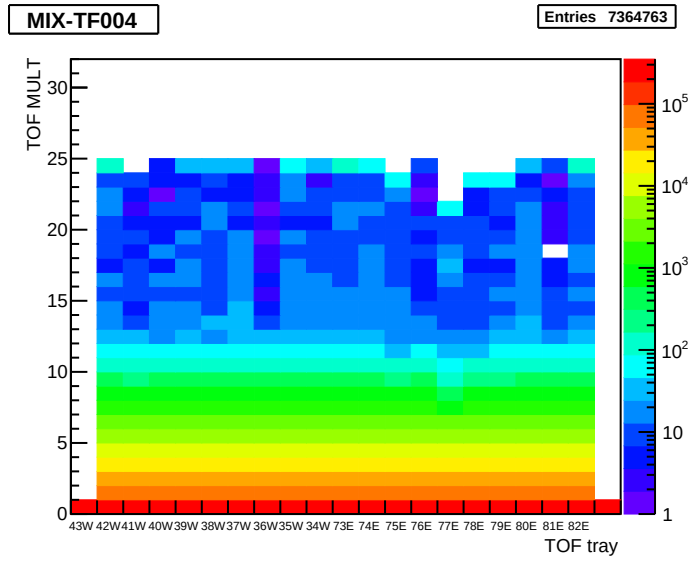

BunchId7Bit (Laser)
Entries 0

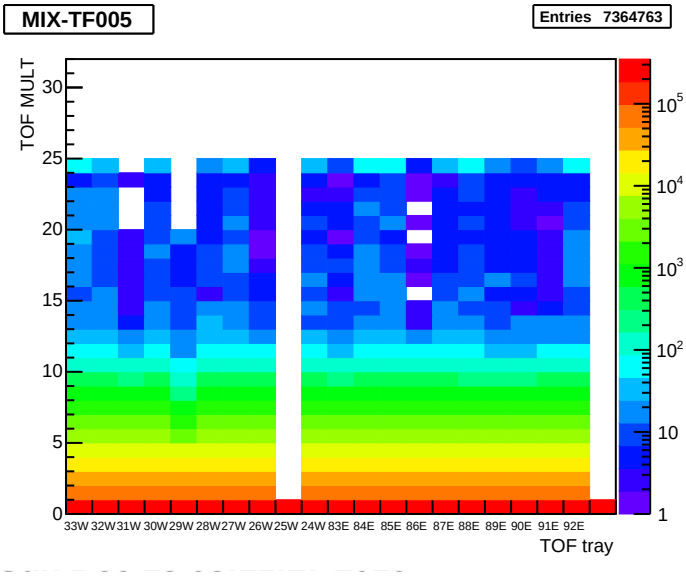

BunchId7Bit (TOFmult window)
Entries 13674

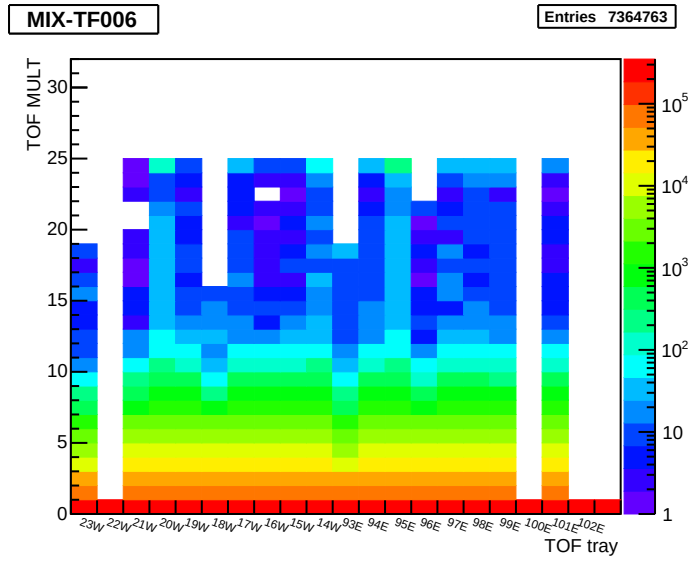

MIX-TF001
Entries 7364763
TOF MULT
TOF tray

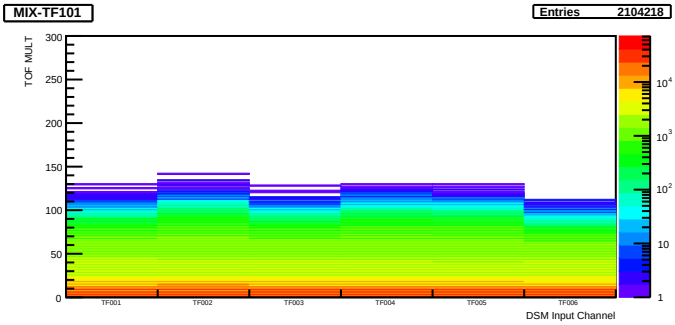

MIX-TF002
Entries 7364763
TOF MULT
TOF tray

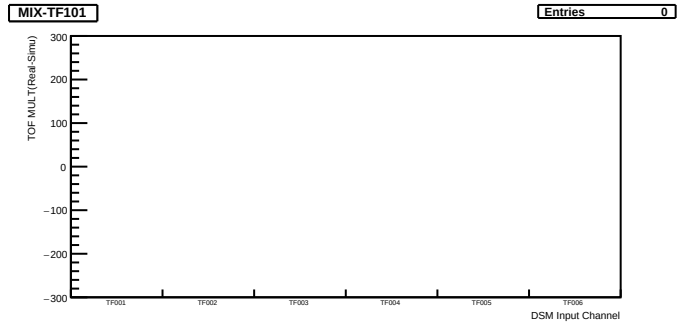

MIX-TF003
Entries 7364763
TOF MULT
TOF tray

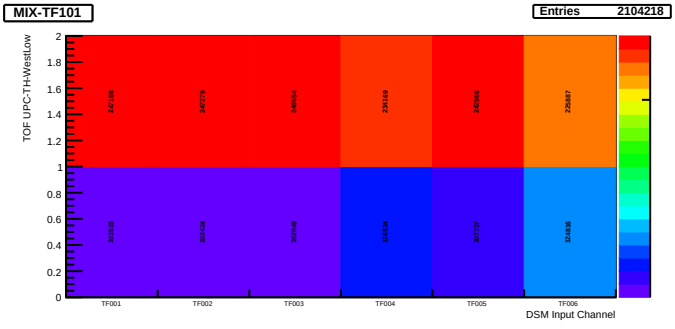

MIX-TF004
Entries 7364763
TOF MULT
TOF tray

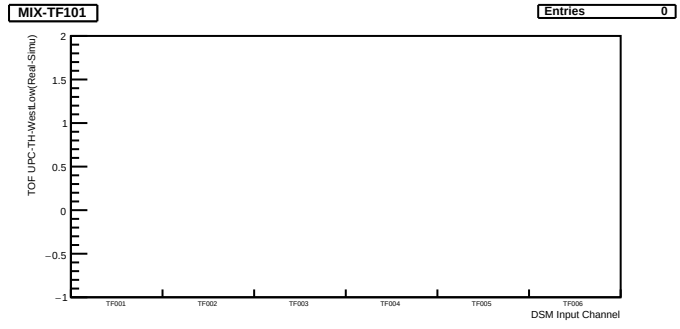

MIX-TF005
Entries 7364763
TOF MULT
TOF tray

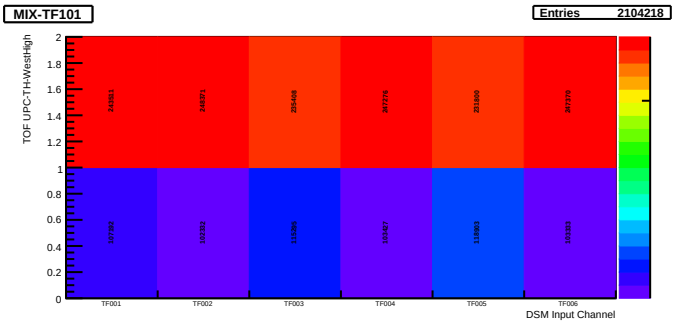

MIX-TF006
Entries 7364763
TOF MULT
TOF tray

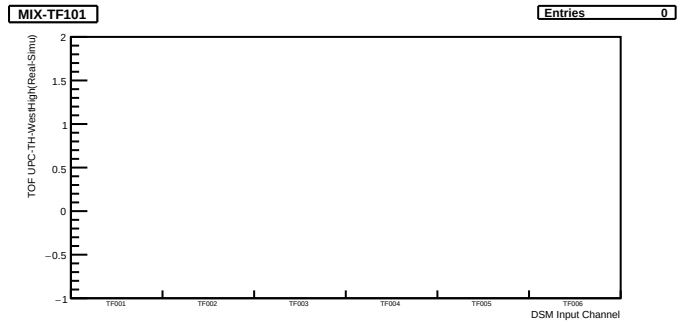

MIX-TF101
Entries 2104218
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

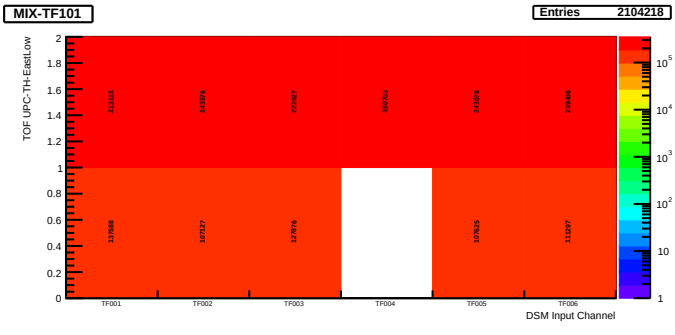

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

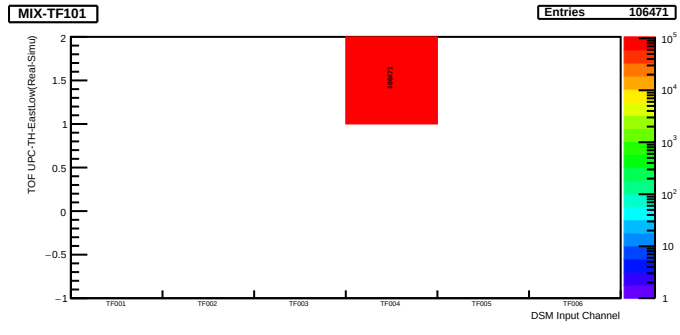

MIX-TF101
Entries 2104218
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

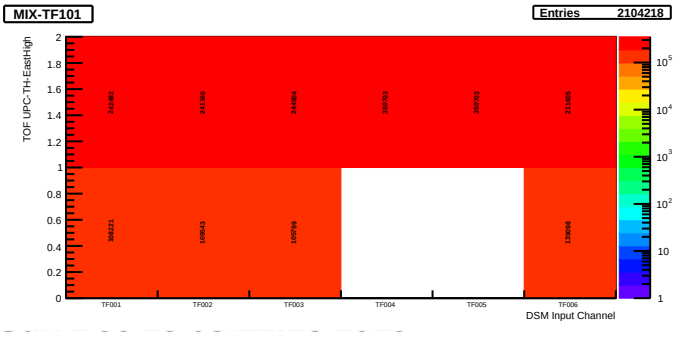

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

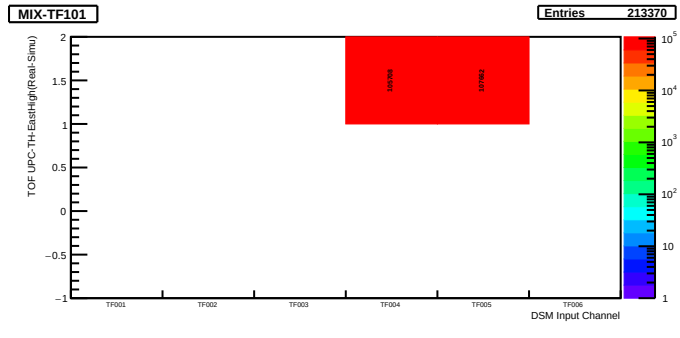

MIX-TF101
Entries 2104218
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

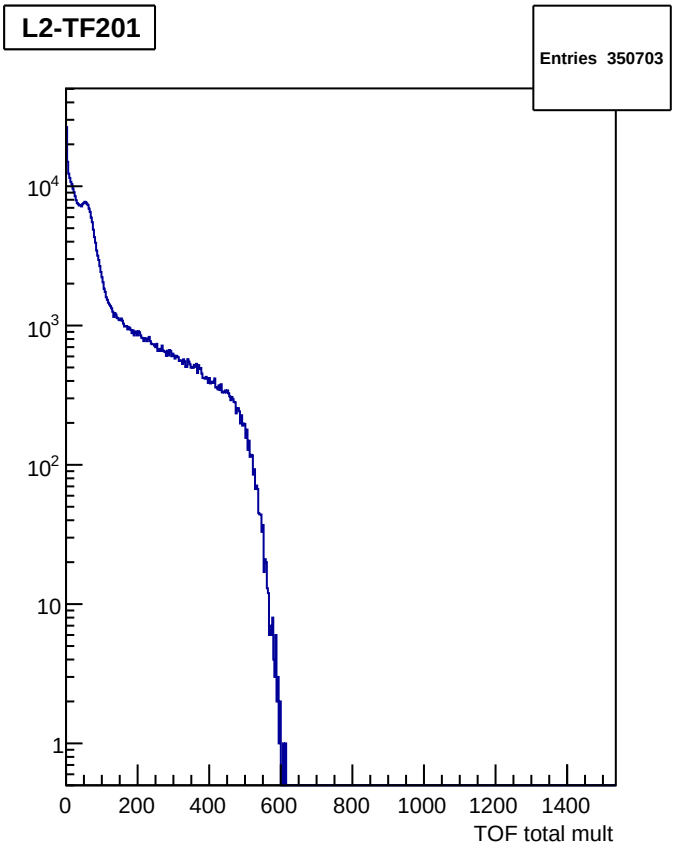

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

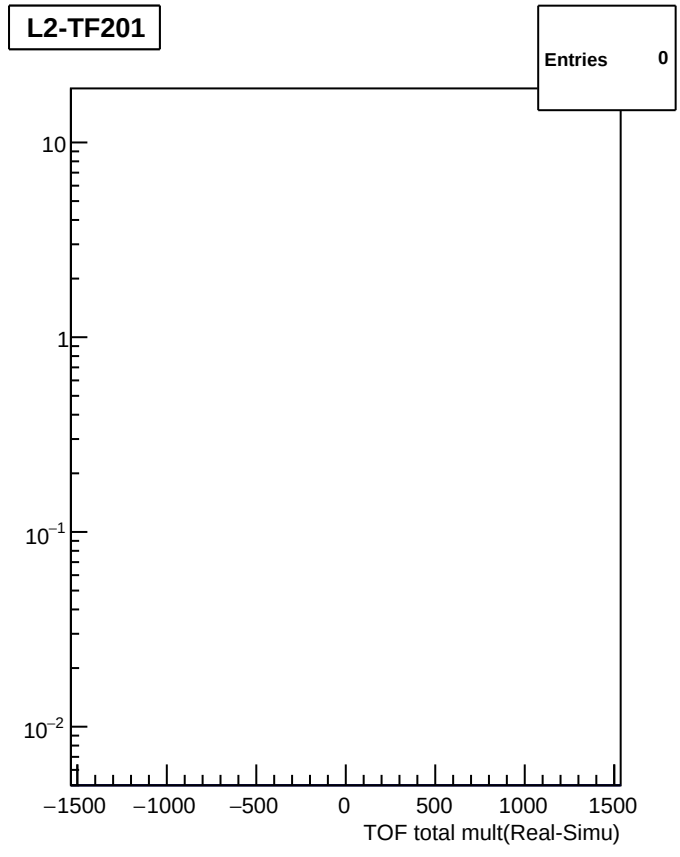

MIX-TF101
Entries 2104218
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

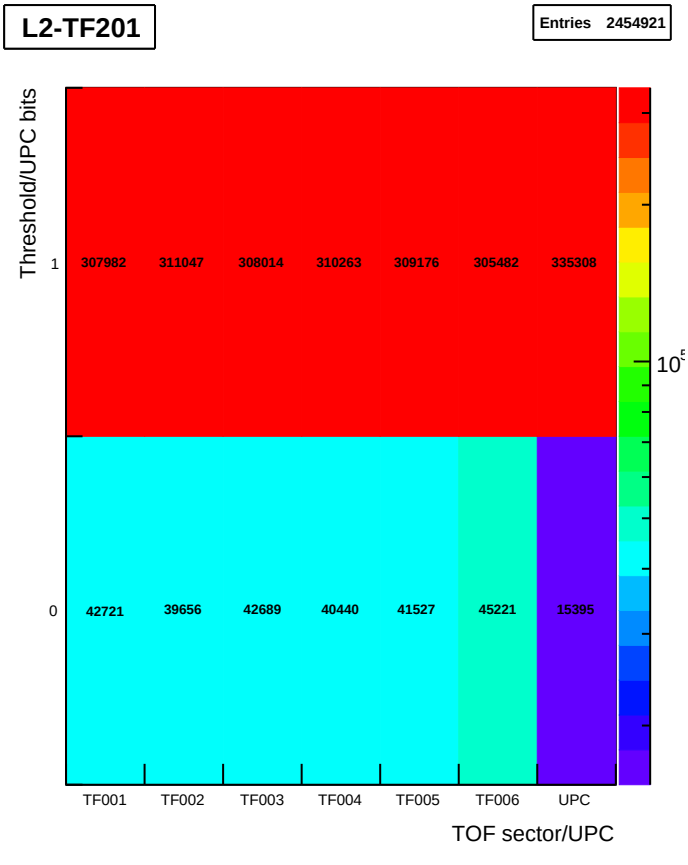

MIX-TF101
Entries 106471
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

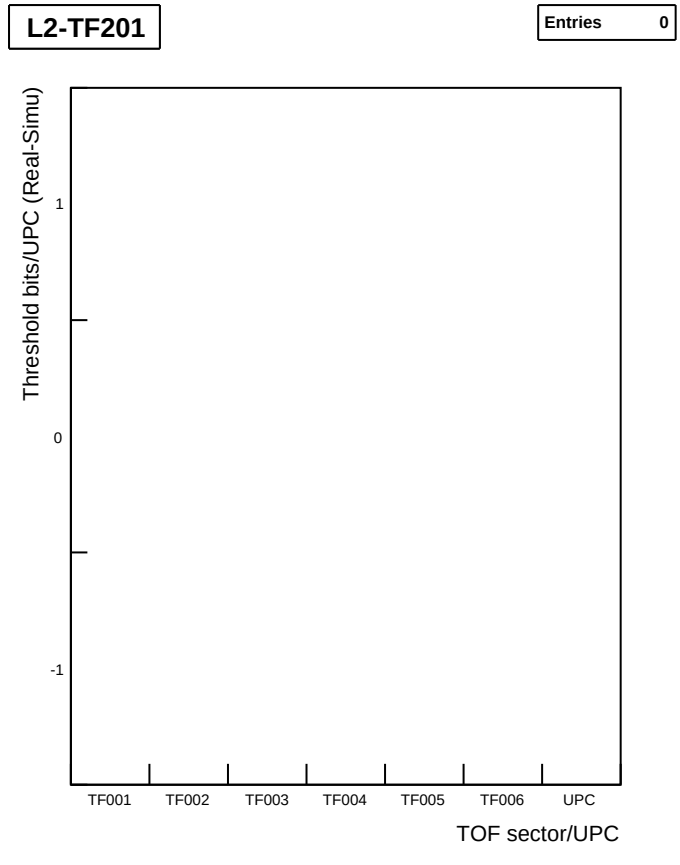

MIX-TF101
Entries 2104218
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

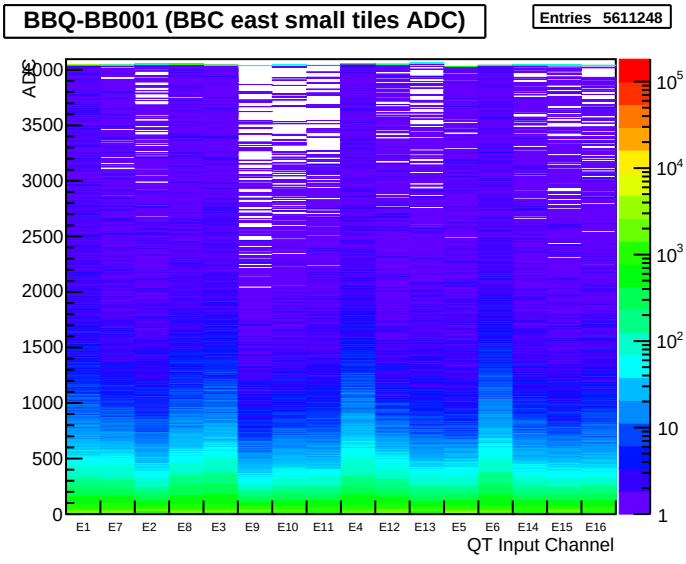

MIX-TF101
Entries 213370
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

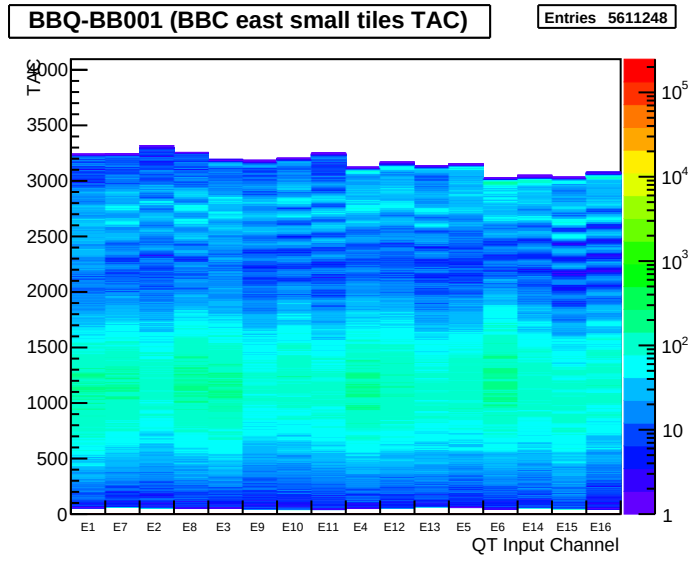

L2-TF201
Entries 350703
TOF total mult

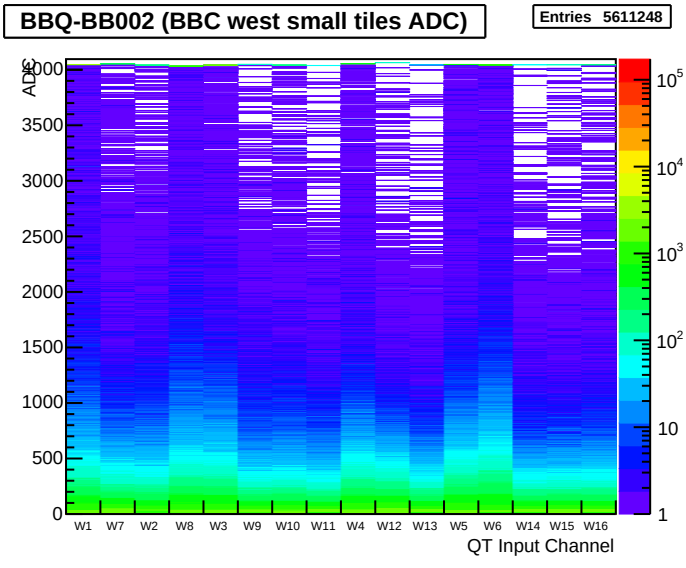

L2-TF201
Entries 0
TOF total mult(Real-Simu)

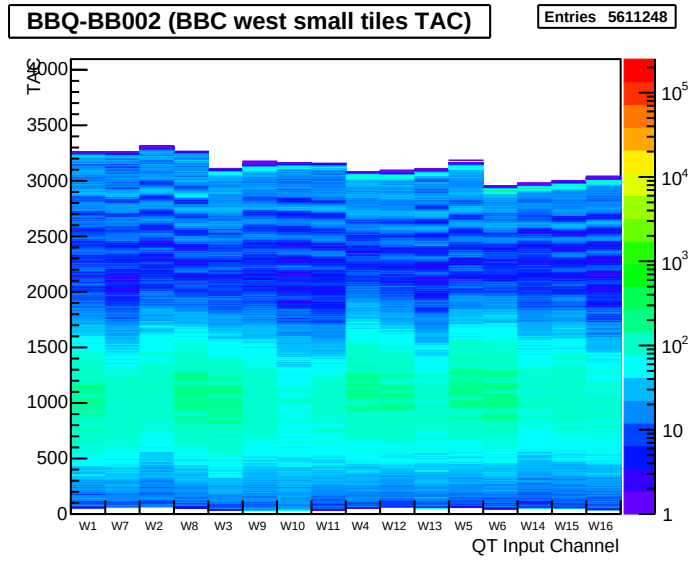

L2-TF201
Entries 2454921
Threshold/UPC bits
307982
311047
308014
310263
309176
305482
335308
42721
39656
42689
40440
41527
45221
15395
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

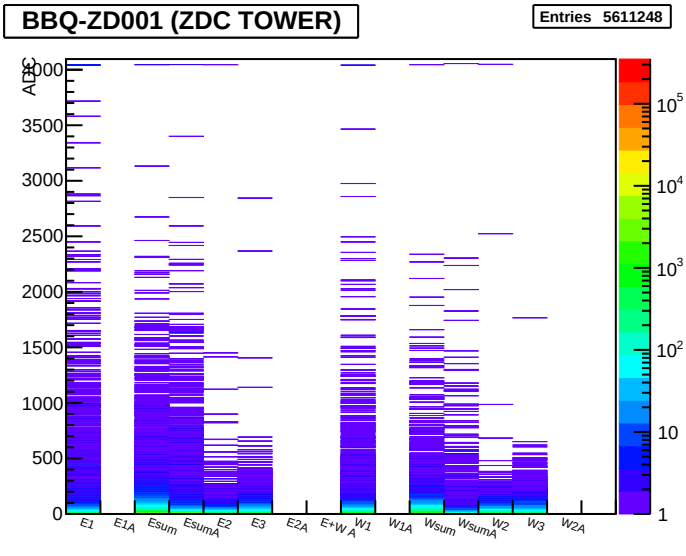

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

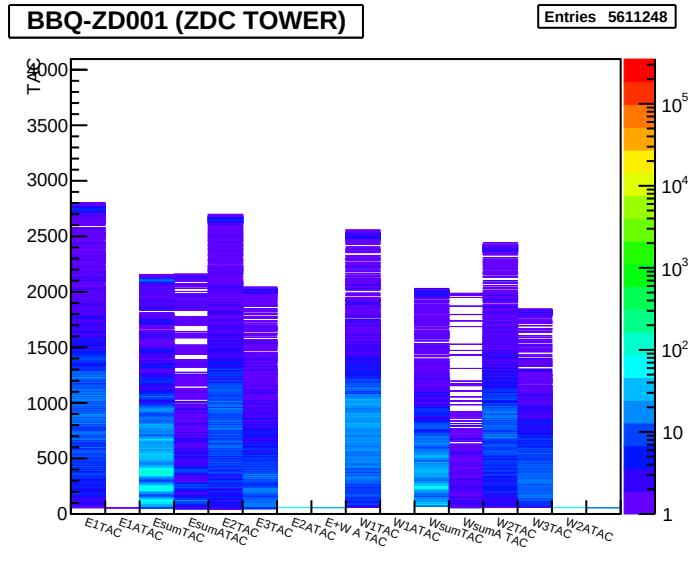

BBQ-BB001 (BBC east small tiles ADC)
Entries 5611248
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

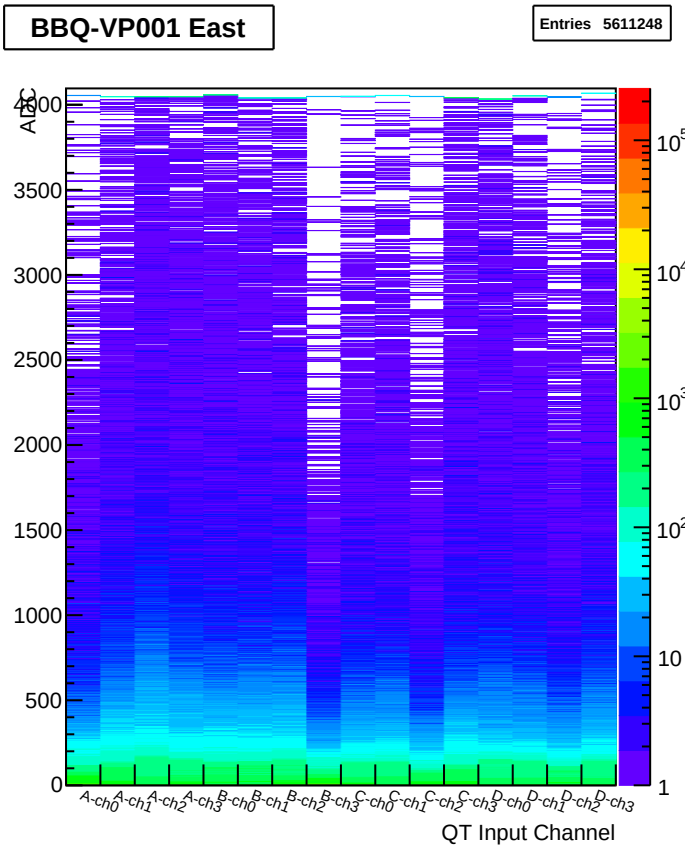

BBQ-BB001 (BBC east small tiles TAC)
Entries 5611248
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

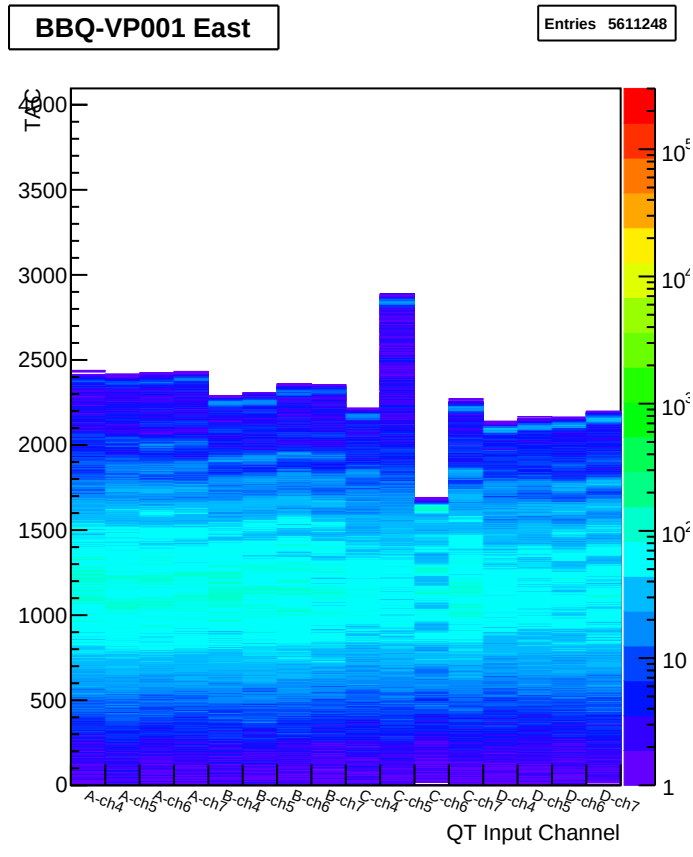

BBQ-BB002 (BBC west small tiles ADC)
Entries 5611248
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

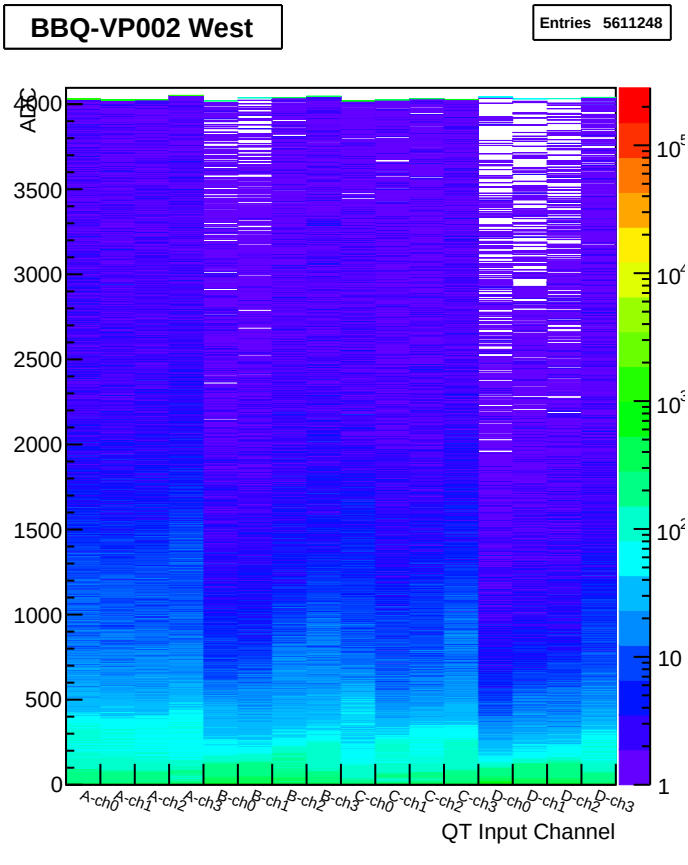

BBQ-BB002 (BBC west small tiles TAC)
Entries 5611248
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

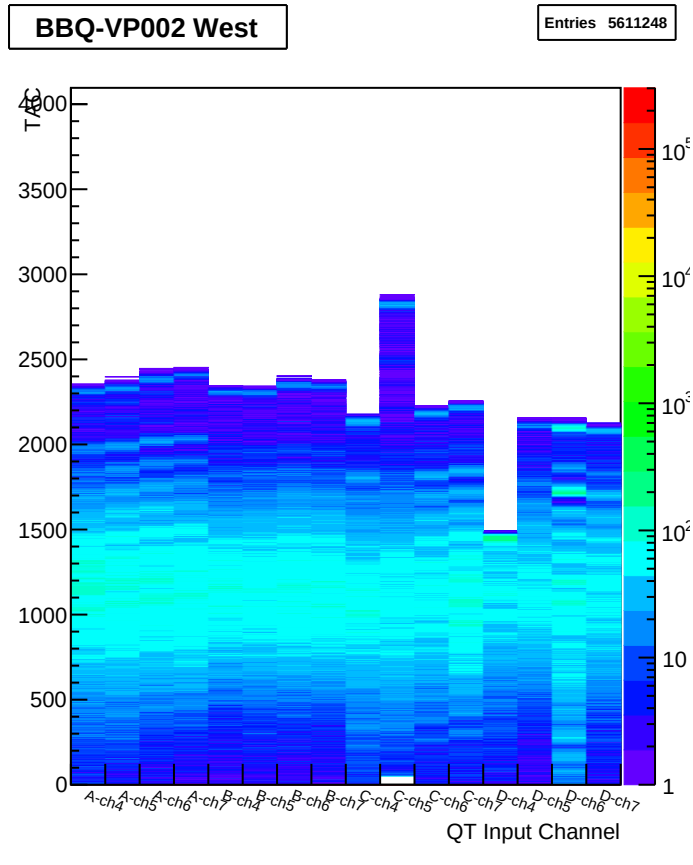

BBQ-ZD001 (ZDC TOWER)
Entries 5611248
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

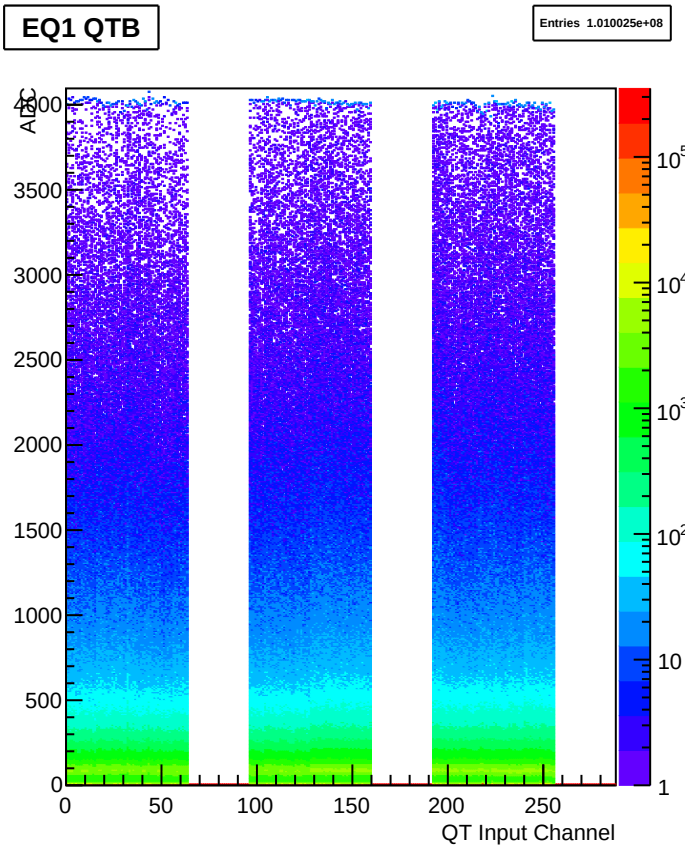

BBQ-ZD001 (ZDC TOWER)
Entries 5611248
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

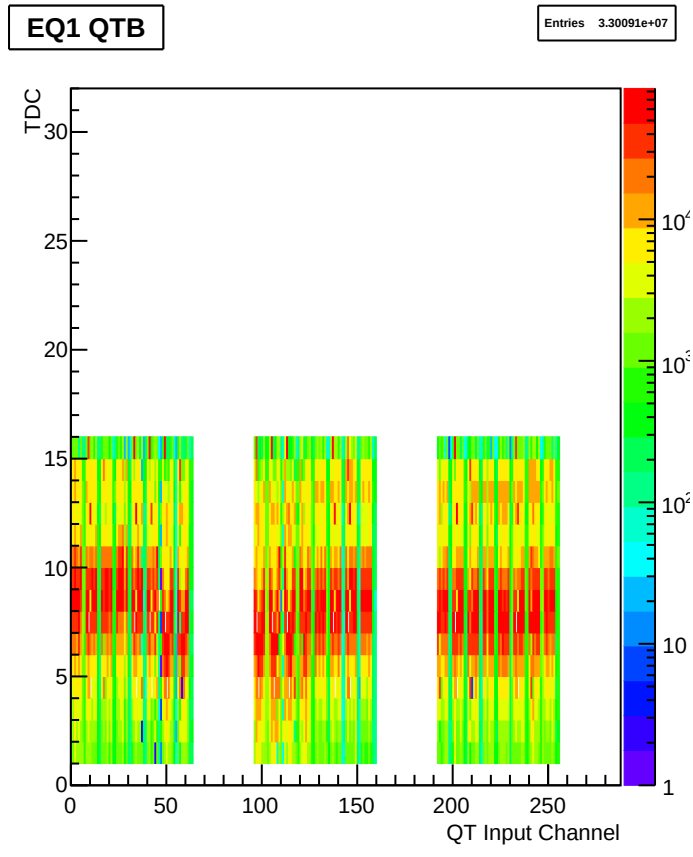

BBQ-VP001 East
Entries 5611248
ADC
QT Input Channel

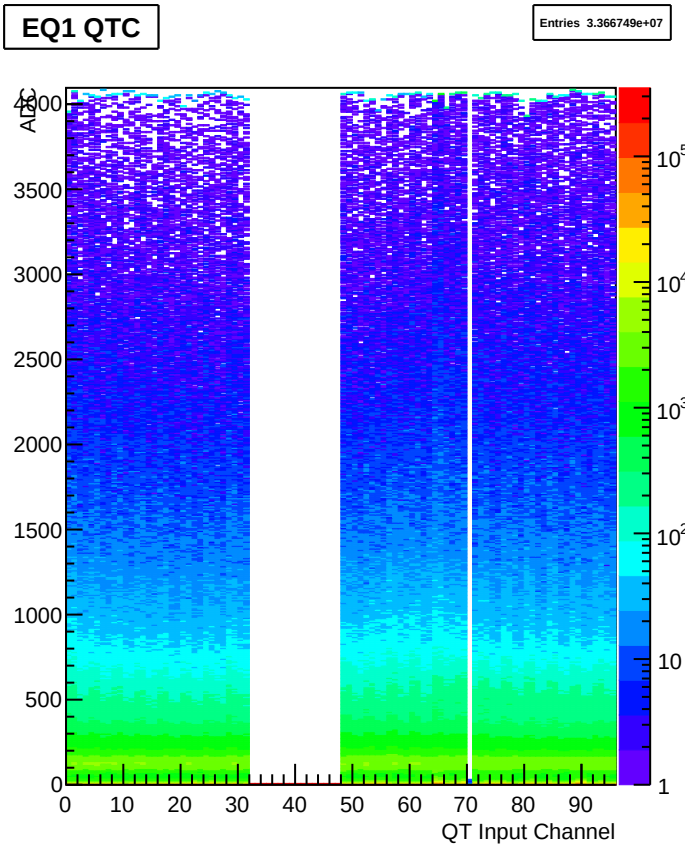

BBQ-VP001 East
Entries 5611248
TADC
QT Input Channel

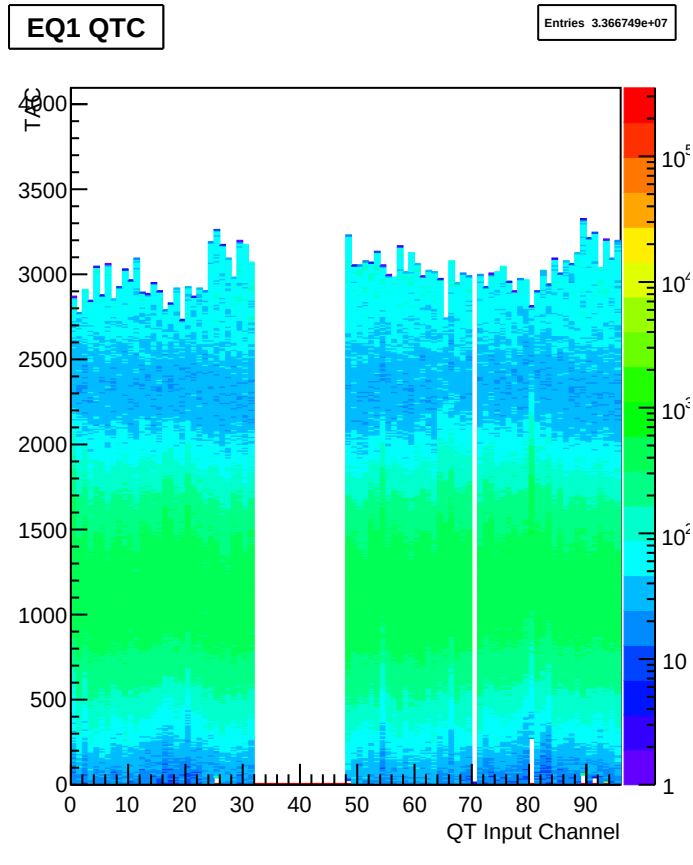

BBQ-VP002 West
Entries 5611248
ADC
QT Input Channel

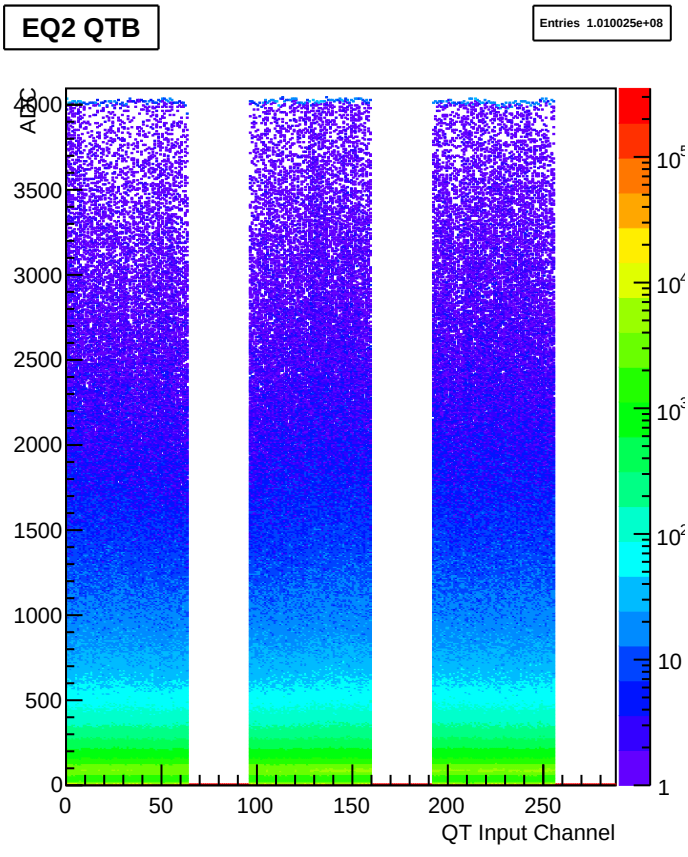

BBQ-VP002 West
Entries 5611248
TADC
QT Input Channel

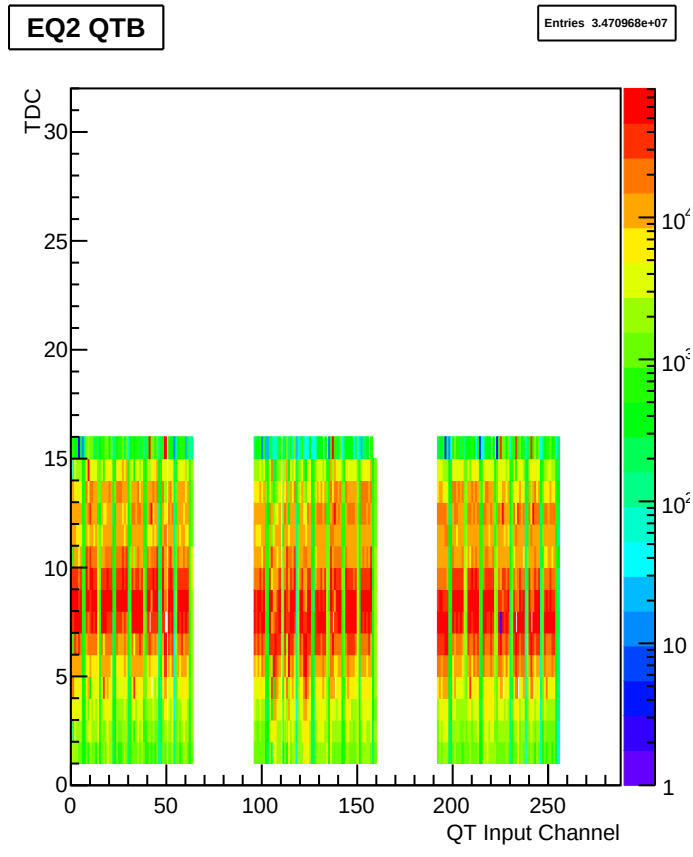

EQ1 QTB
Entries 1.010025e+08
ADC
QT Input Channel

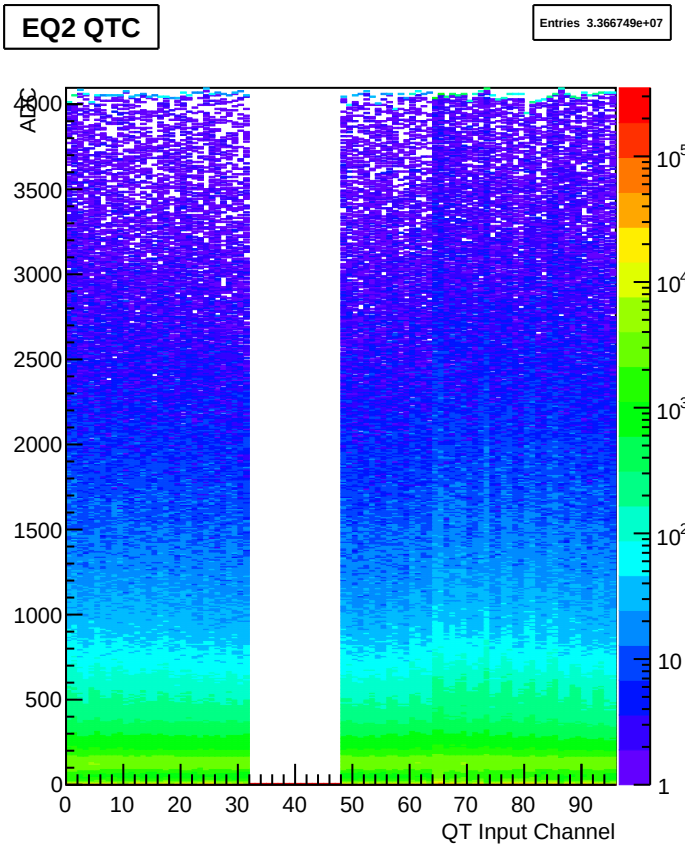

EQ1 QTB
Entries 3.30091e+07
TDC
QT Input Channel

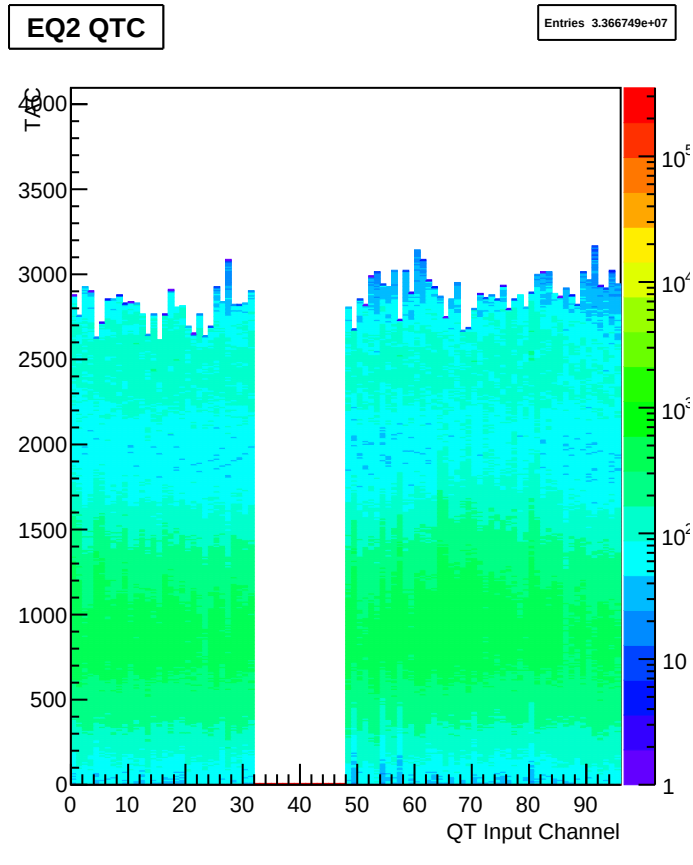

EQ1 QTC
Entries 3.366749e+07
ADC
QT Input Channel

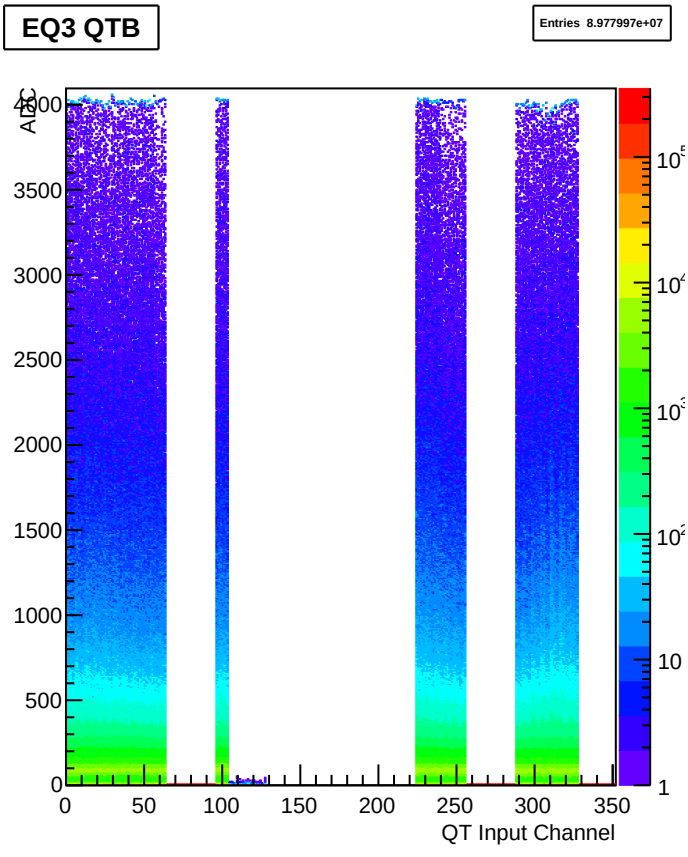

EQ1 QTC
Entries 3.366749e+07
TADC
QT Input Channel

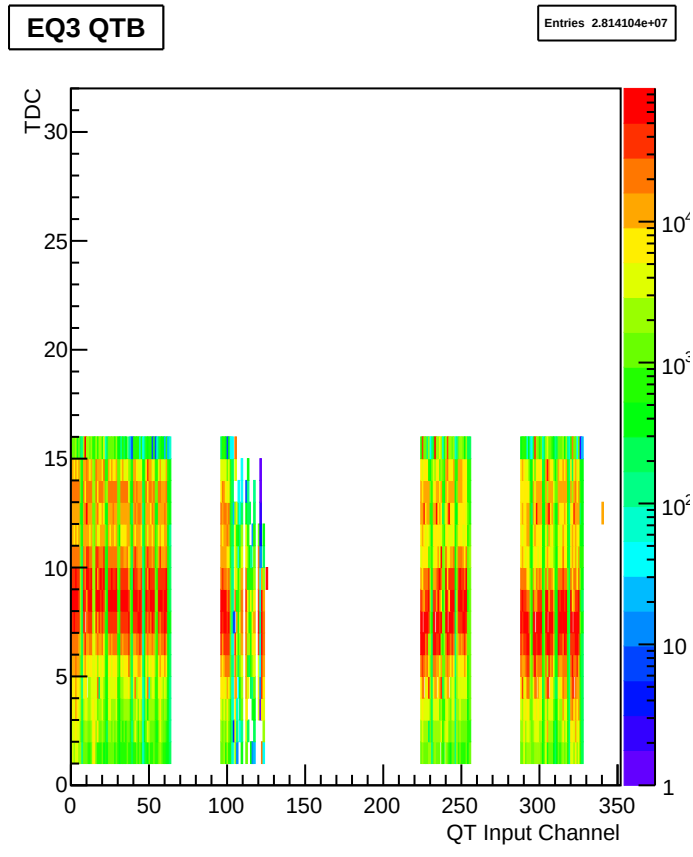

EQ2 QTB
Entries 1.010025e+08
ADC
QT Input Channel

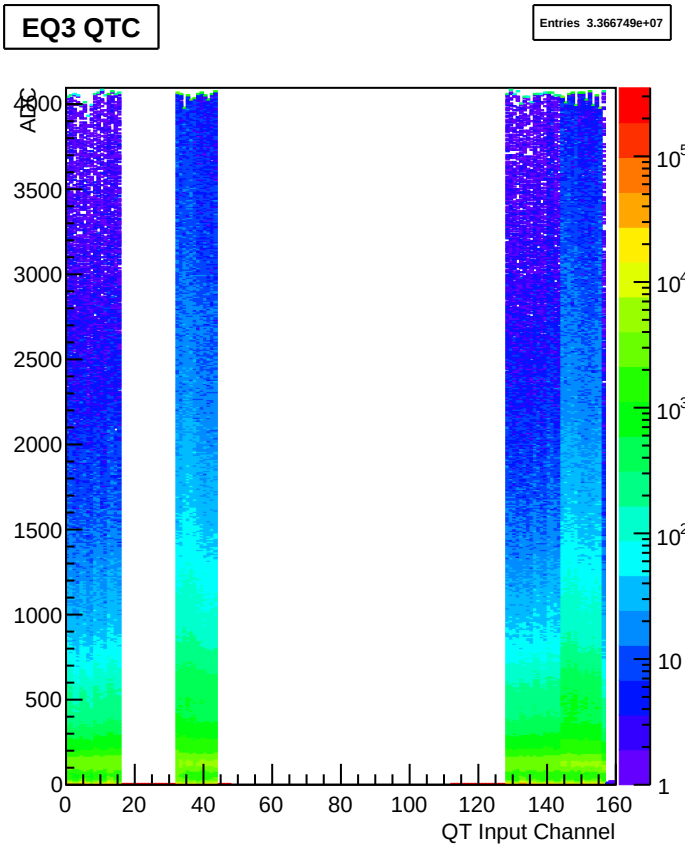

EQ2 QTB
Entries 3.470968e+07
TDC
QT Input Channel

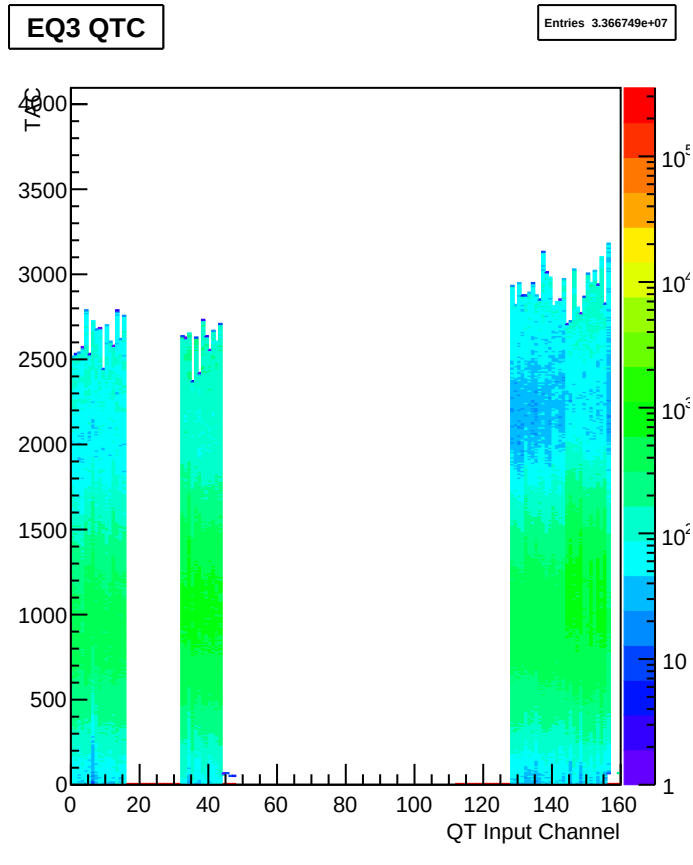

EQ2 QTC
Entries 3.366749e+07
ADC
QT Input Channel

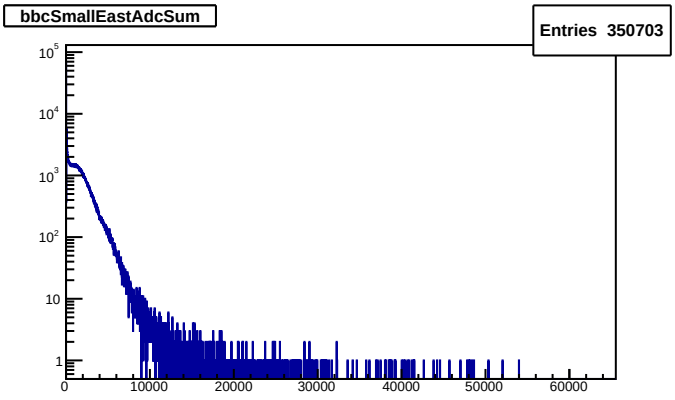

EQ2 QTC
Entries 3.366749e+07
TADC
QT Input Channel

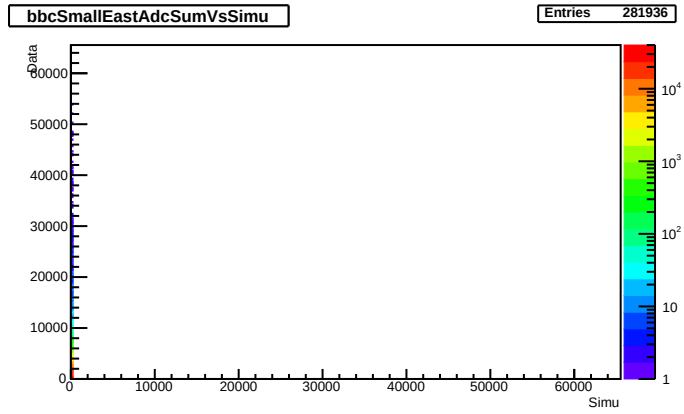

EQ3 QTB
Entries 8.977997e+07
ADC
QT Input Channel

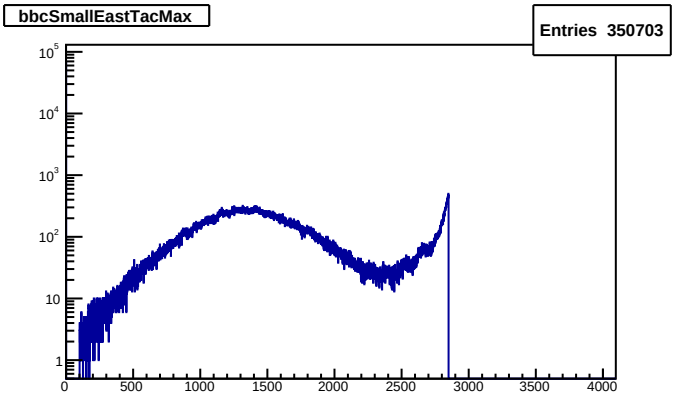

EQ3 QTB
Entries 2.814104e+07
TDC
QT Input Channel

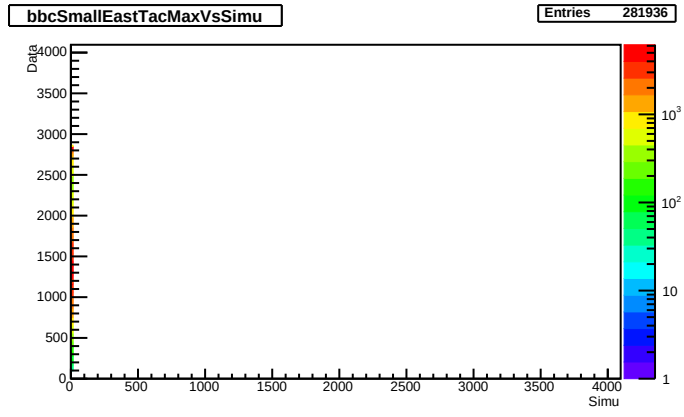

EQ3 QTC
Entries 3.366749e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.366749e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 350703


bbcSmallEastAdcSumVsSimu
Entries 281936
Data
Simu


bbcSmallEastTacMax
Entries 350703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Entries 281936
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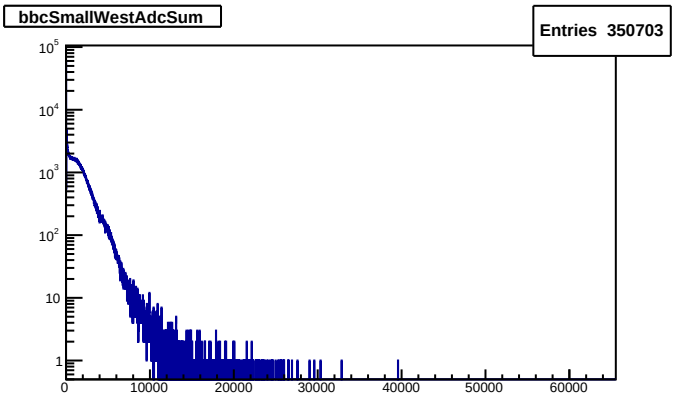
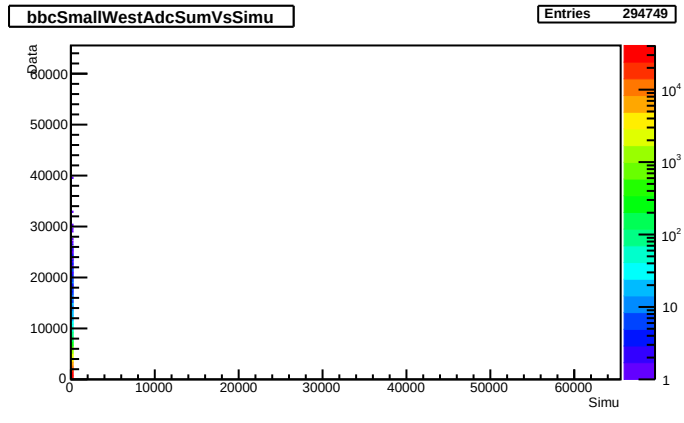

bbcSmallWestAdcSum
Entries 350703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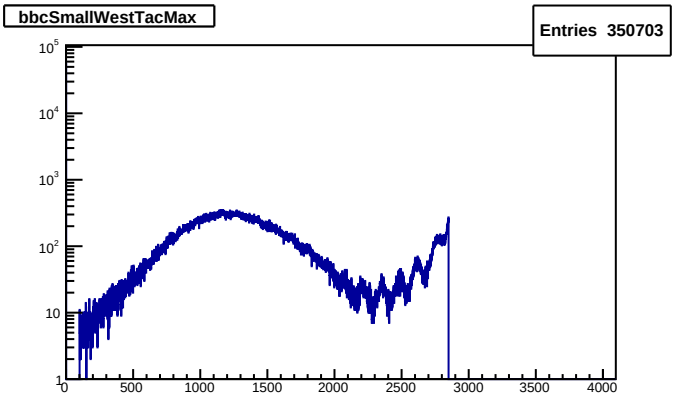
Entries 294749
Data
Simu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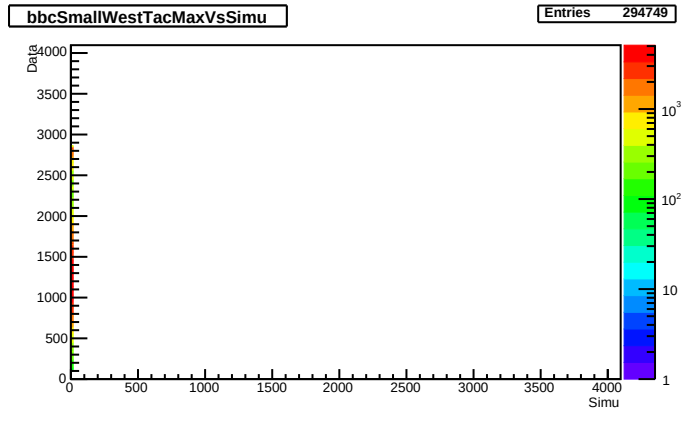
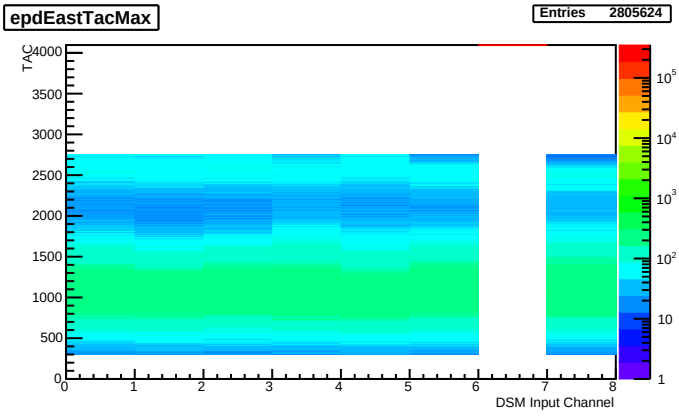
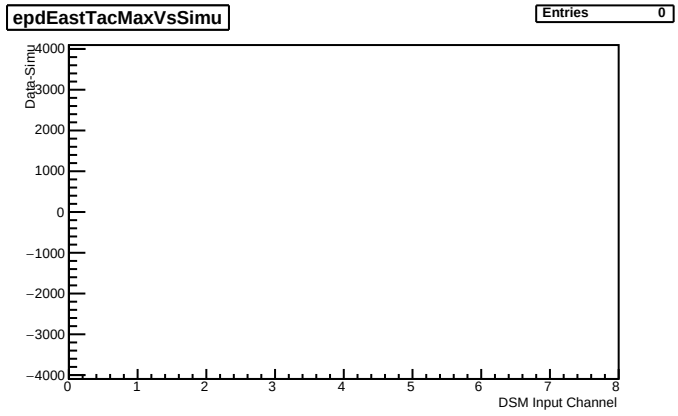
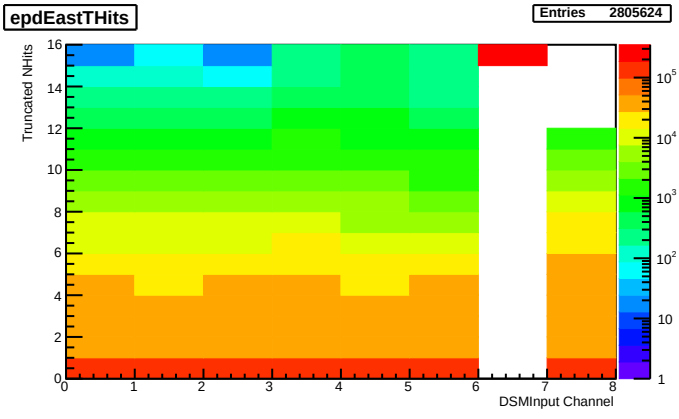
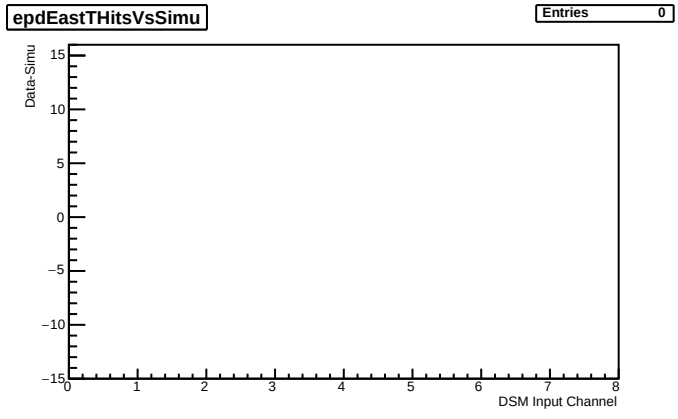
Entries 350703


bbcSmallWestTacMaxVsSimu
Entries 294749
Data
Simu


epdEastTacMax
Entries 2805624
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2805624
Truncated NHits
DSMInput Channel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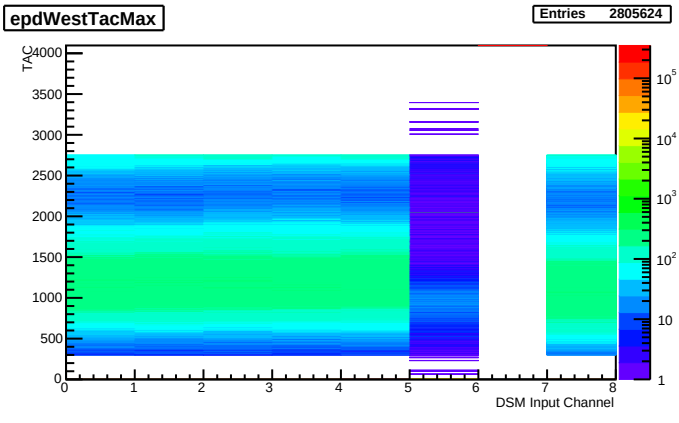
Data-Simu
DSM Input Channel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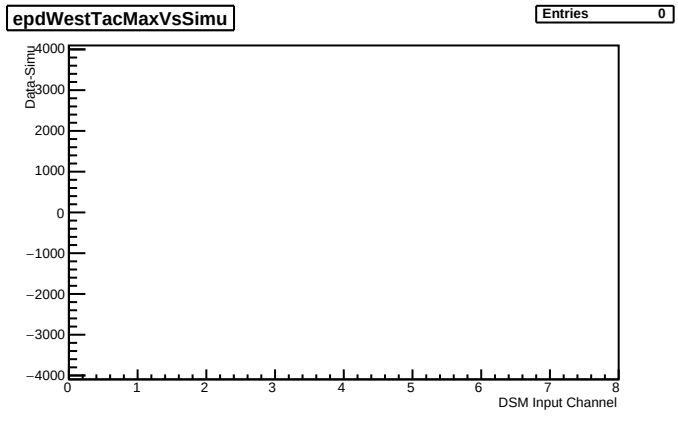
Entries 2805624
TAC
DSM Input Channel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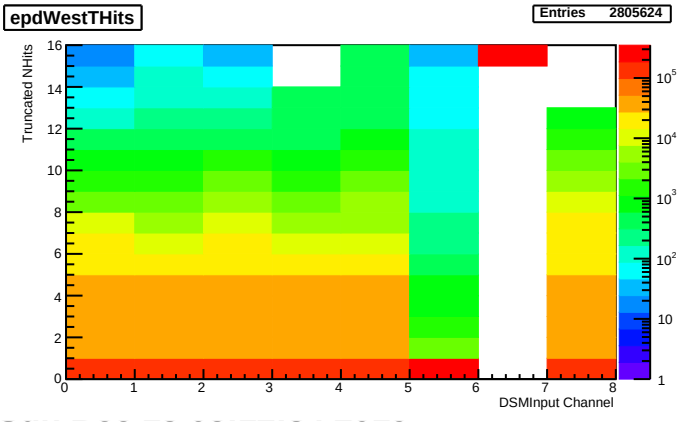
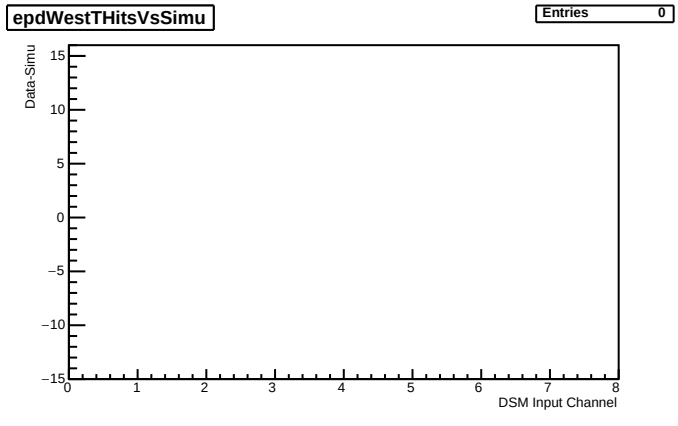
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2805624
Truncated NHits
DSMInput Channel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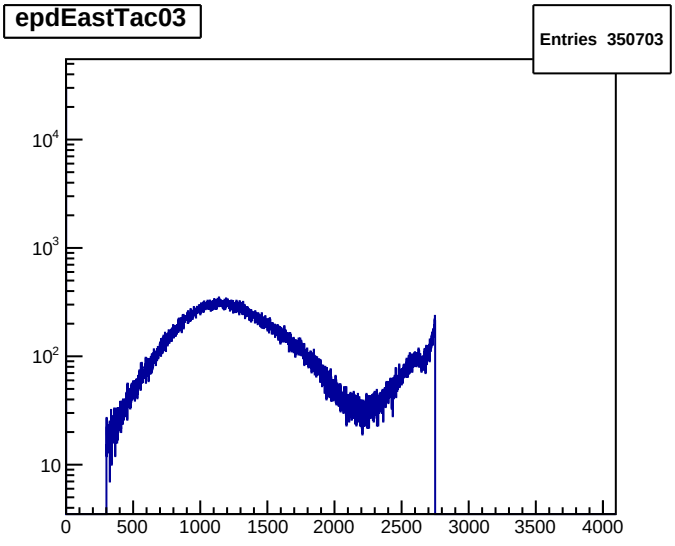
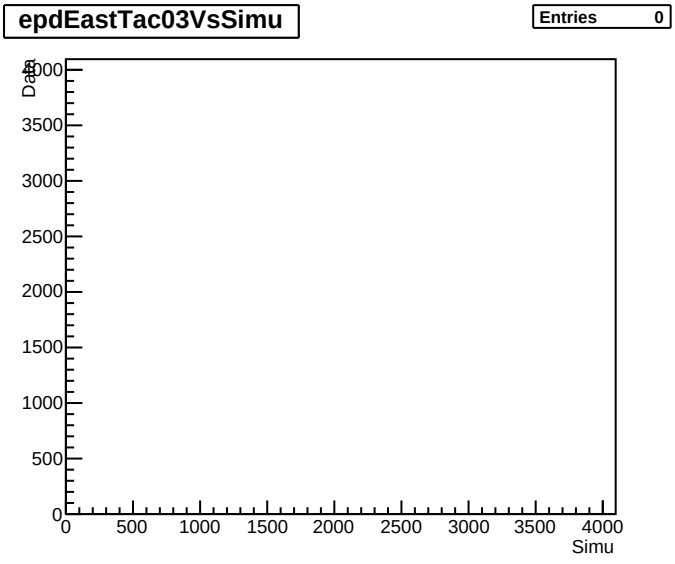
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 350703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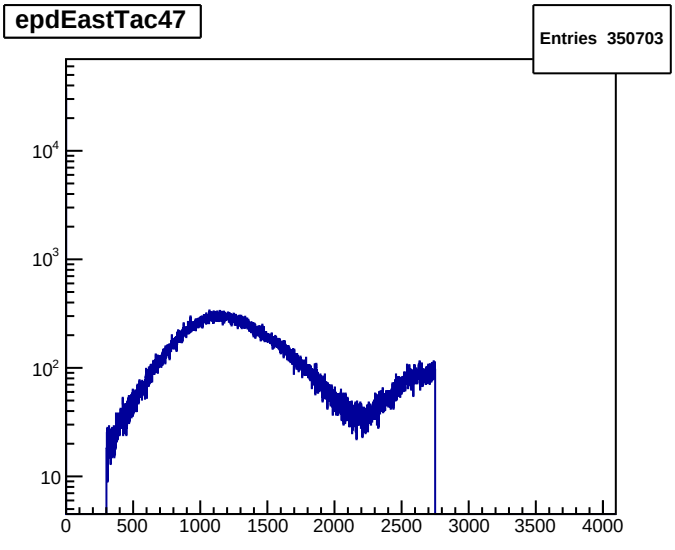
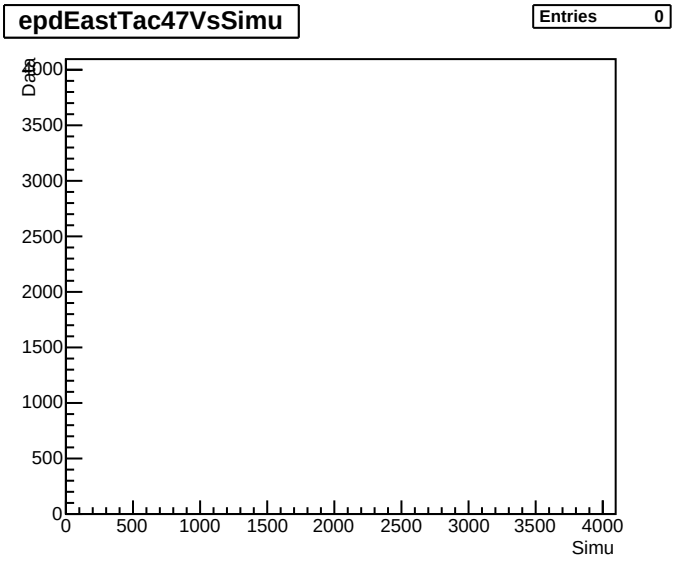
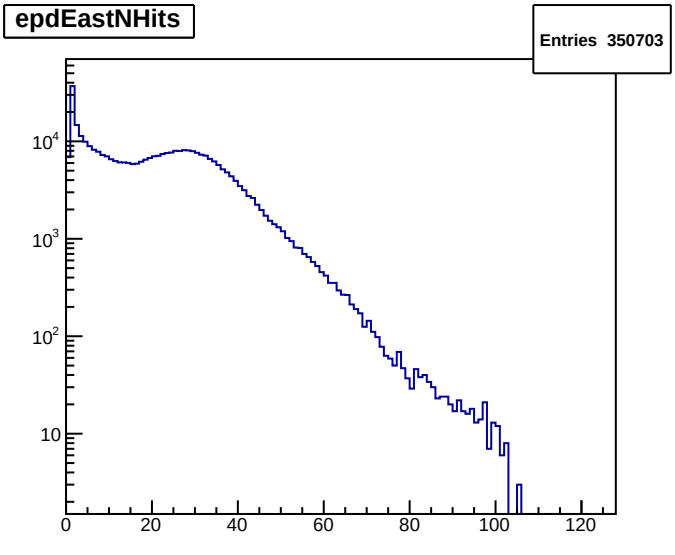
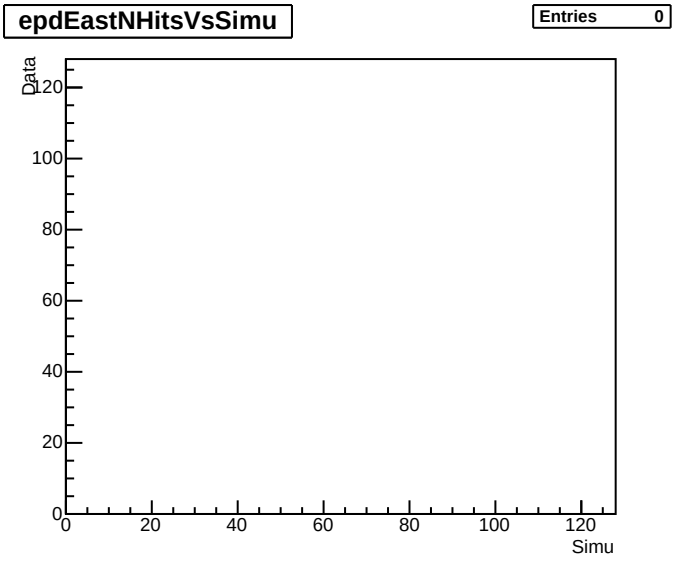
Entries 0
Data
Simu


epdEastTac47
Entries 350703


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 350703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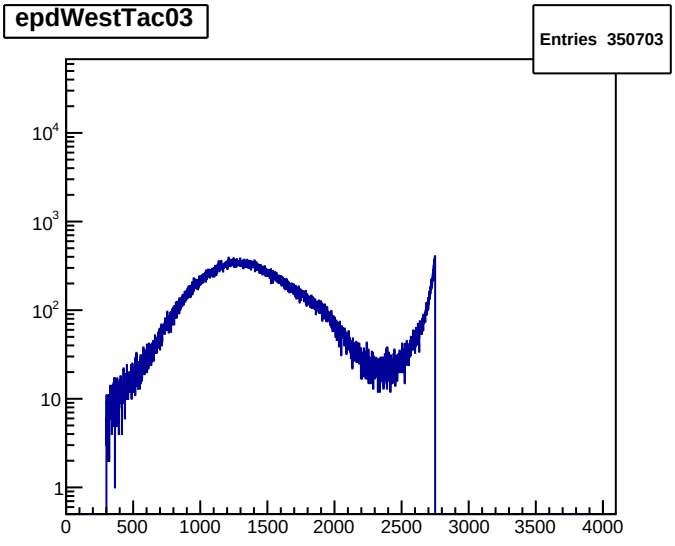
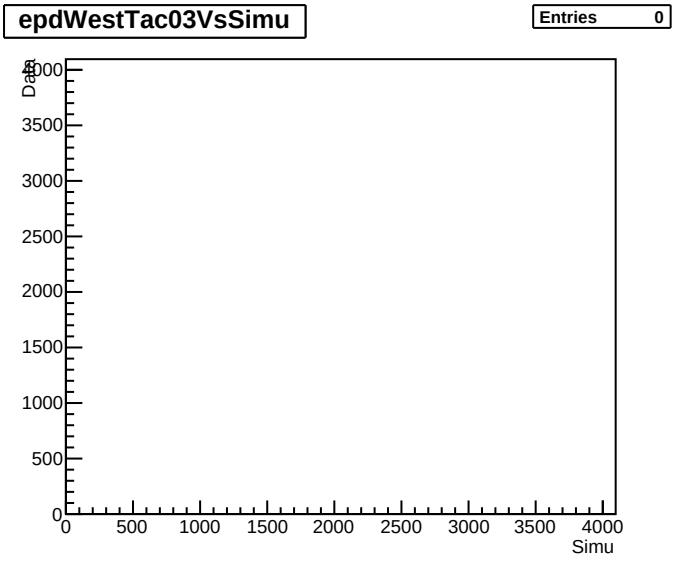
Entries 0
Data
Simu


epdWestTac03
Entries 350703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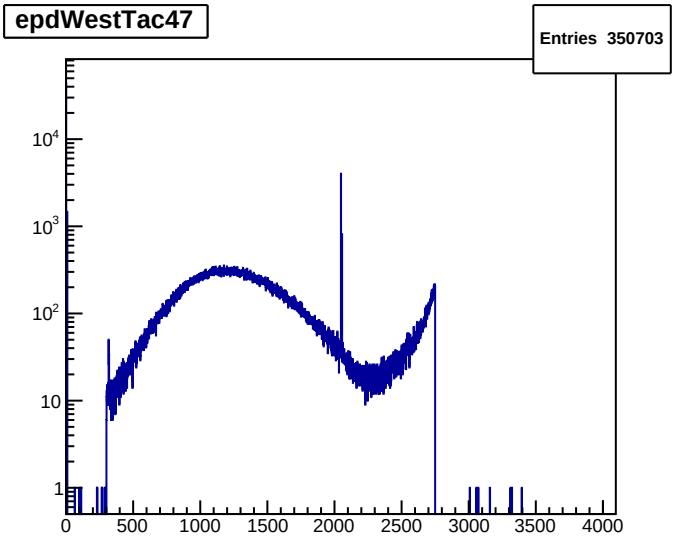
Entries 0
Data
Simu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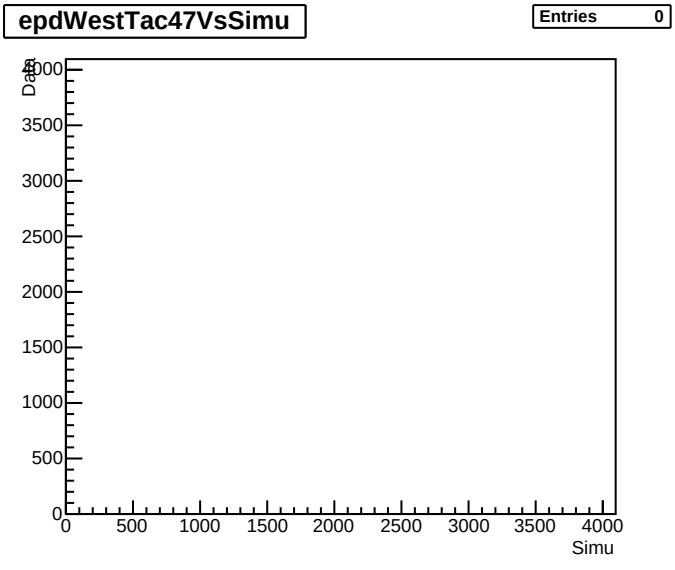
Entries 350703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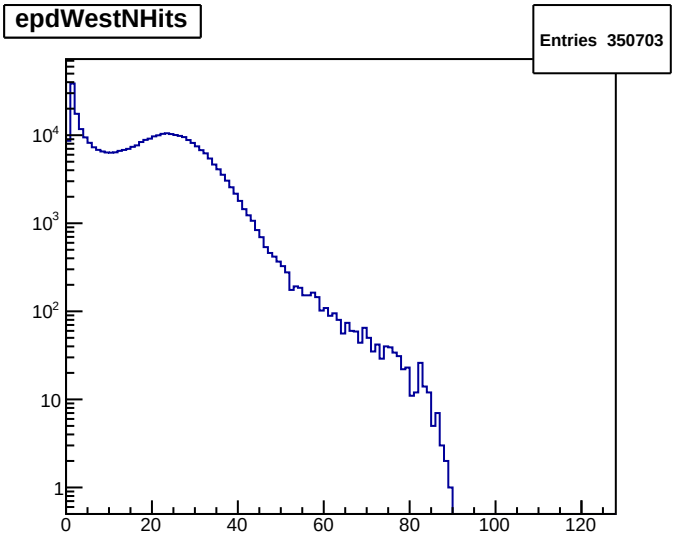
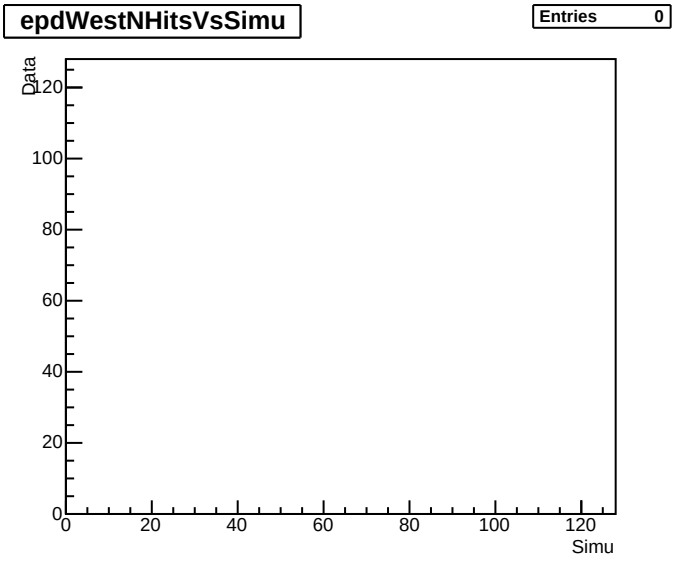
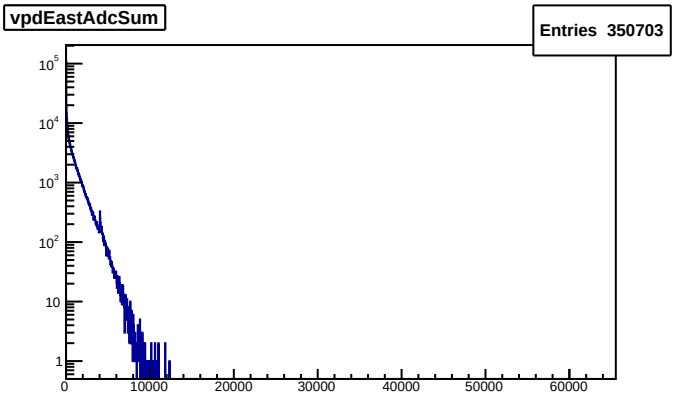
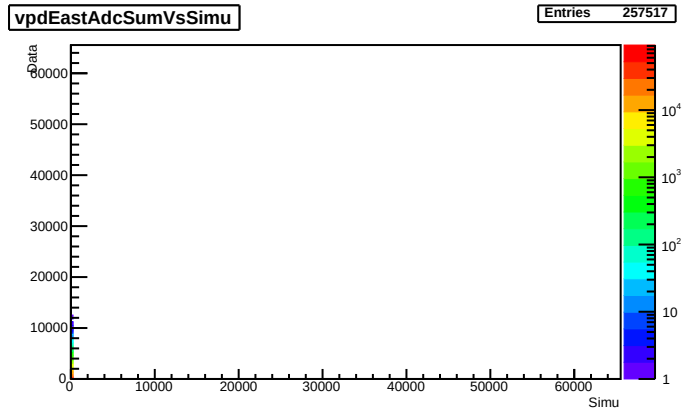
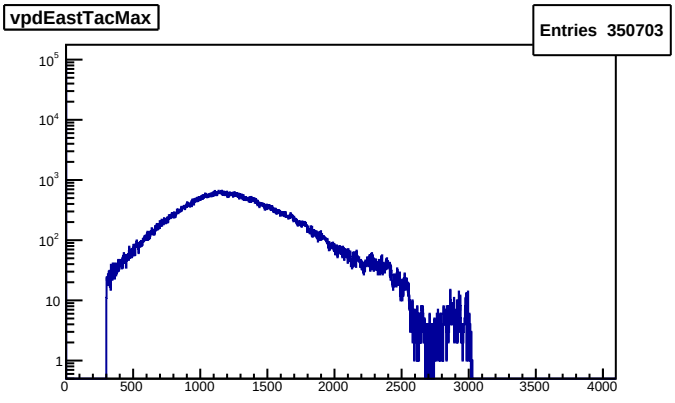
Entries 0
Data
Simu

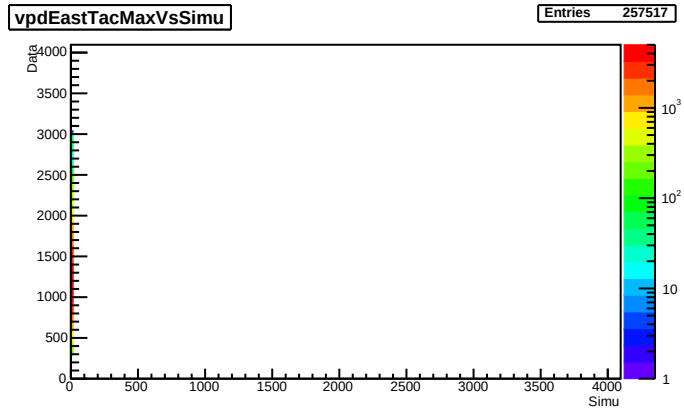

epdWestNHits
Entries 350703


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 350703


vpdEastAdcSumVsSimu
Entries 257517
Data
Simu


vpdEastTacMax
Entries 350703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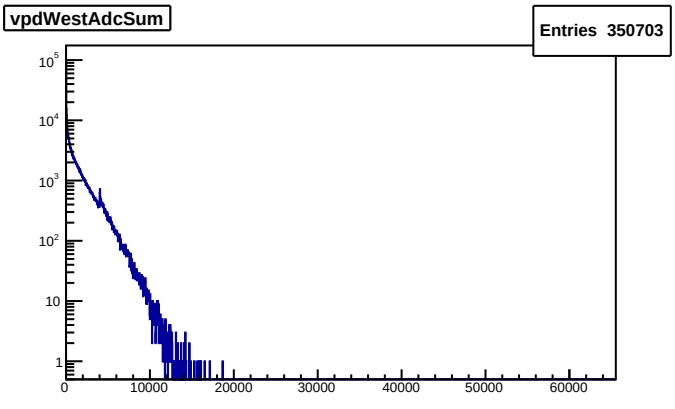
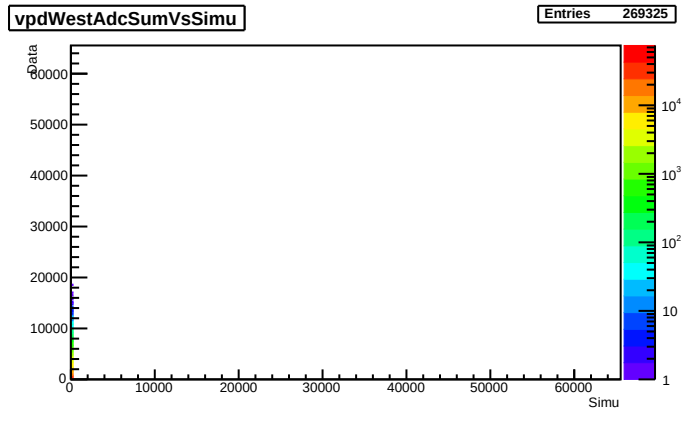
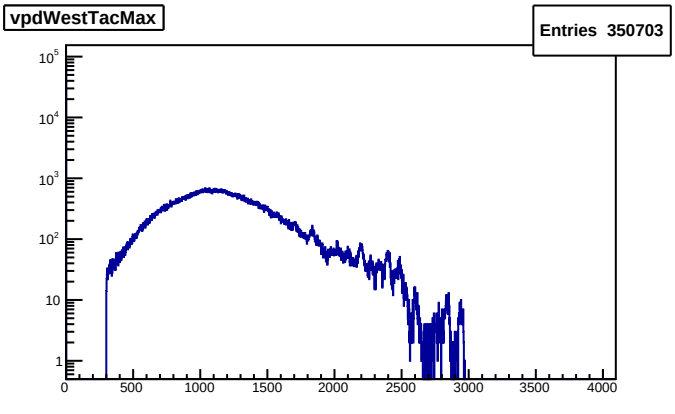
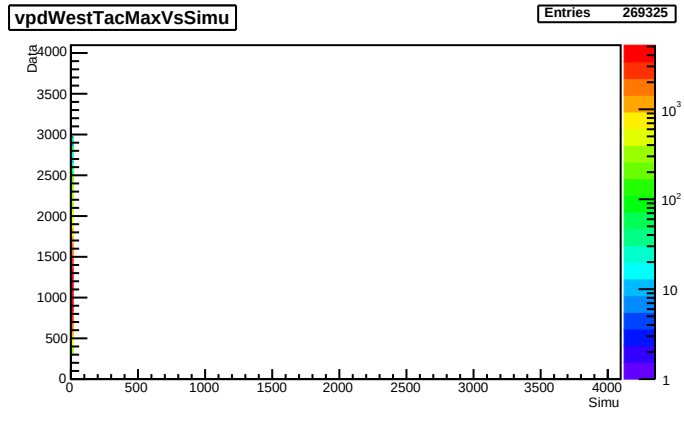
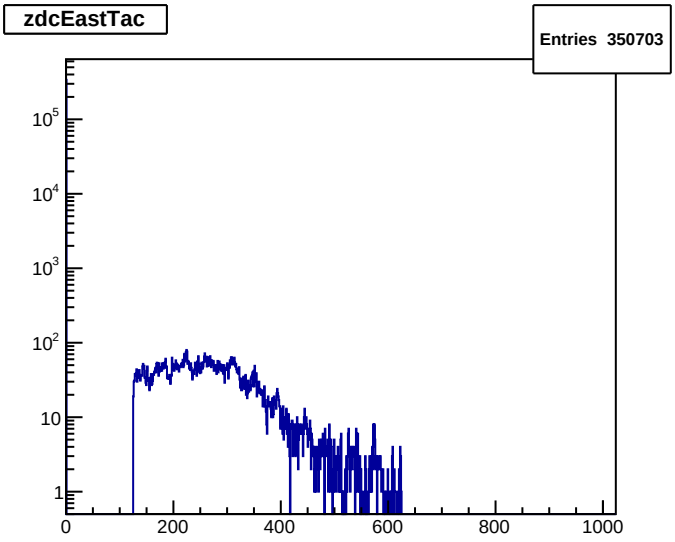
Entries 257517
Data
Simu

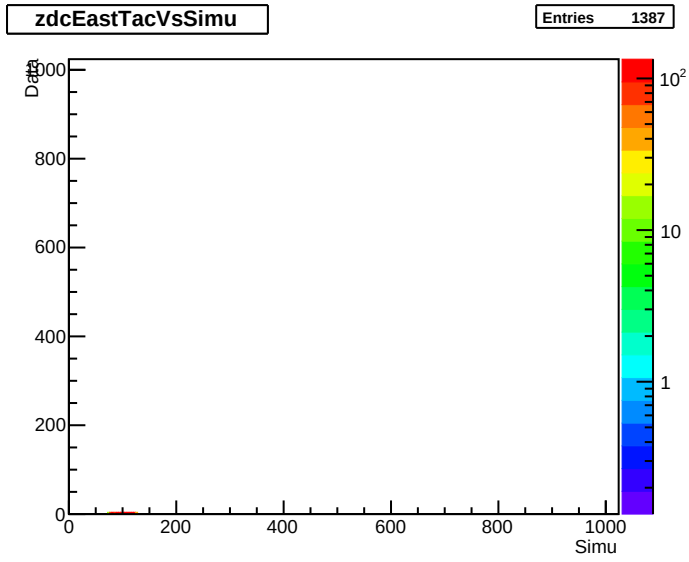

vpdWestAdcSum
Entries 350703

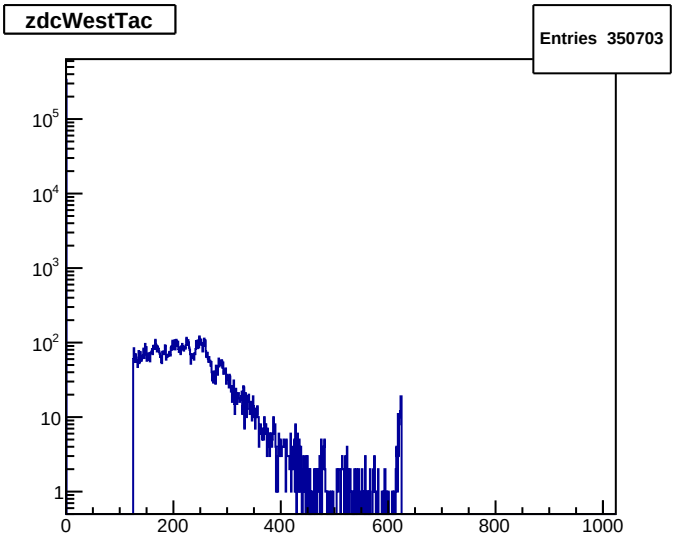

vpdWestAdcSumVsSimu
Entries 269325
Data
Simu

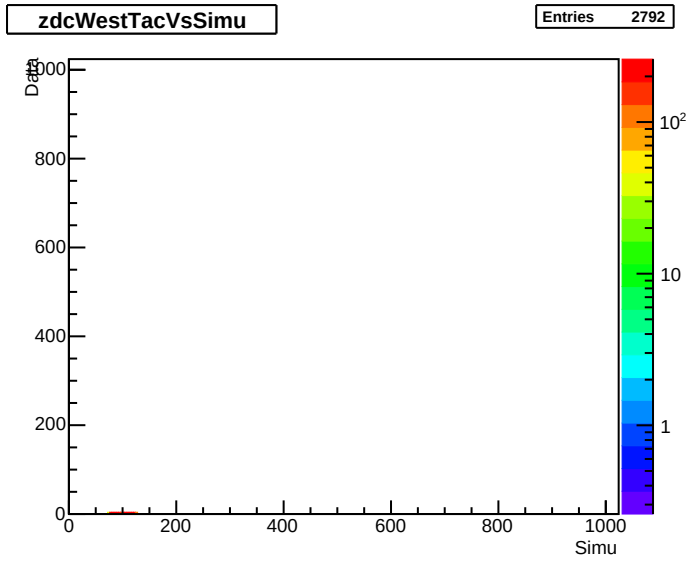

vpdWestTacMax
Entries 350703

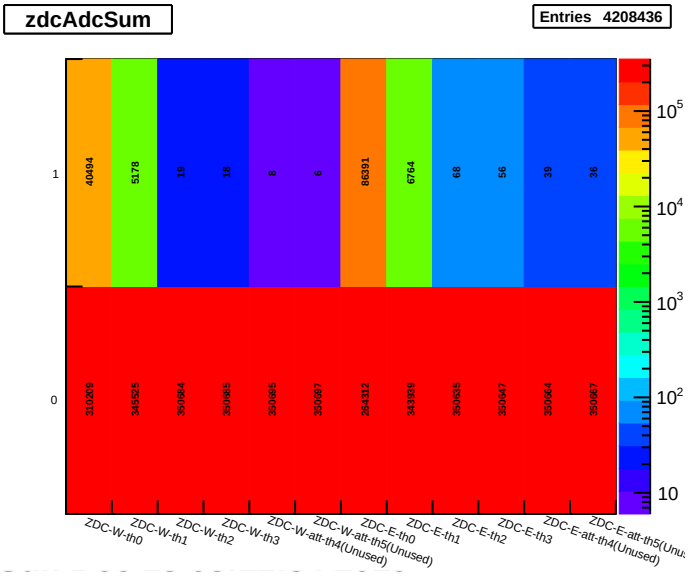

vpdWestTacMaxVsSimu
Entries 269325
Data
Simu

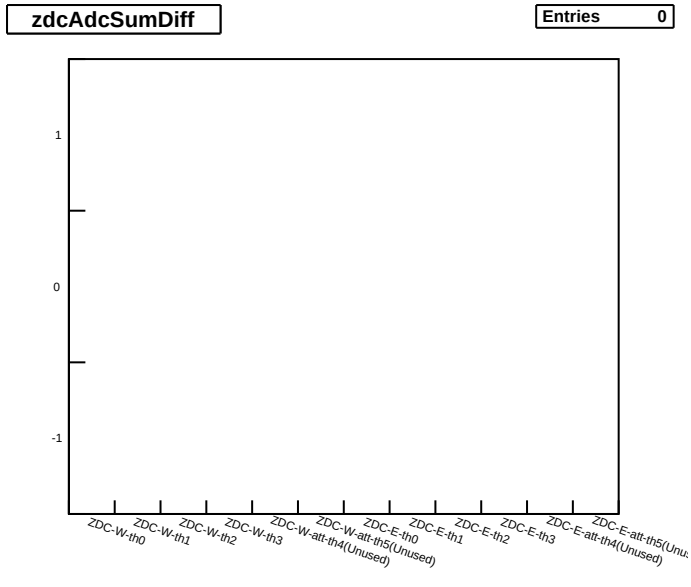

zdcEastTac
Entries 350703

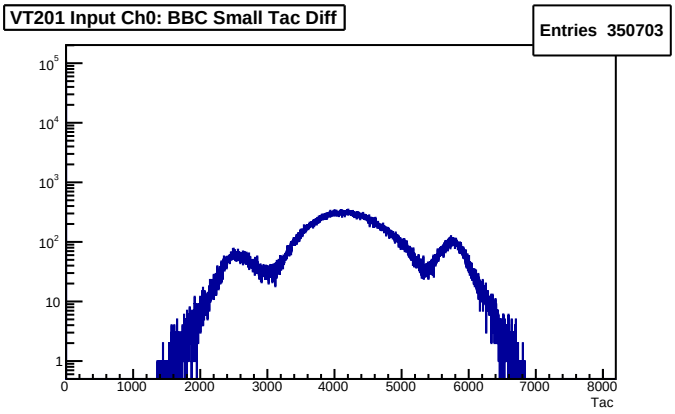

zdcEastTacVsSimu
Entries 1387
Data
Simu

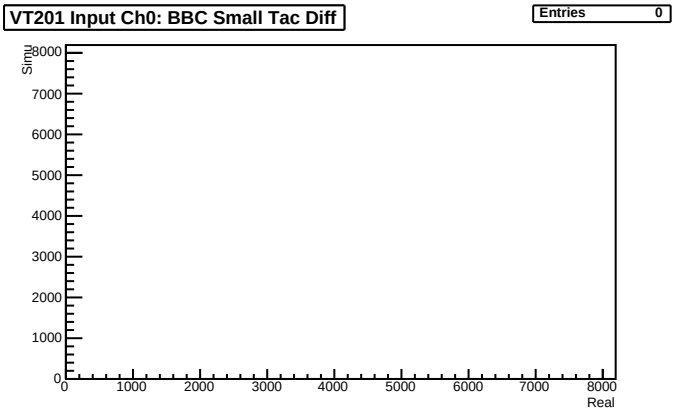

zdcWestTac
Entries 350703

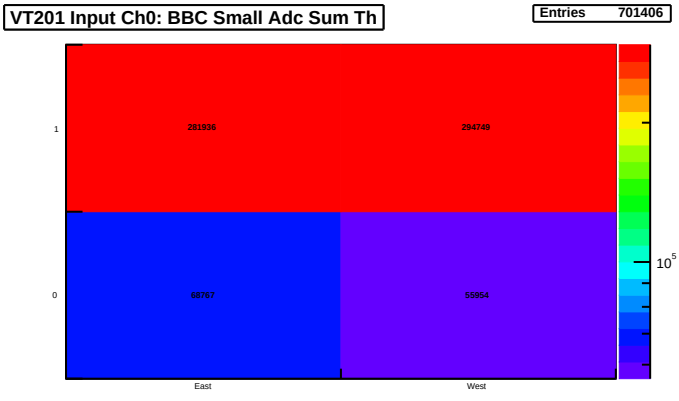

zdcWestTacVsSimu
Entries 2792
Data
Simu

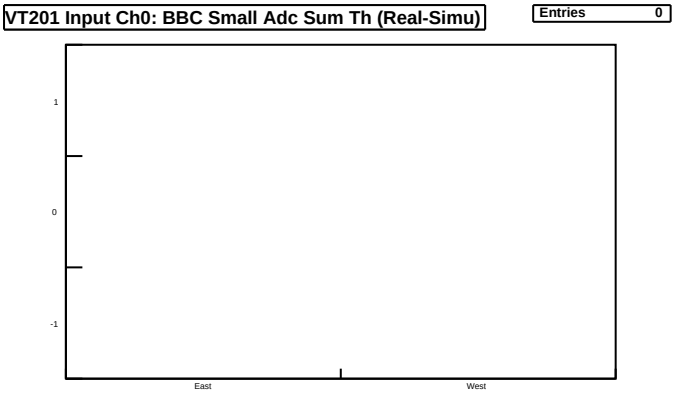

zdcAdcSum
Entries 4208436
40494
5178
19
18
8
6
86391
6764
68
56
39
36
310209
345525
350684
350685
350695
350697
264312
343939
350635
350647
350664
350667
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

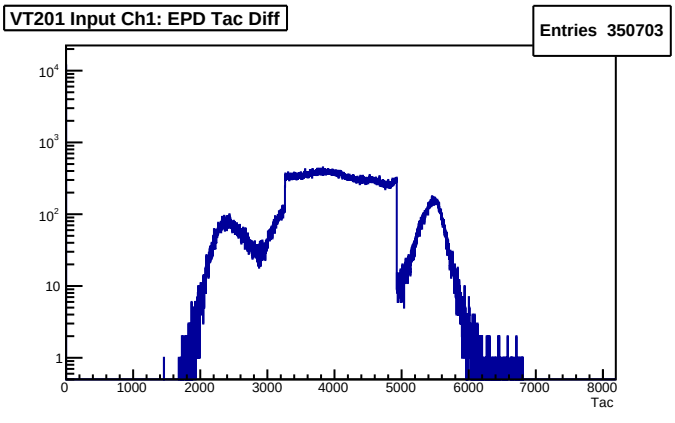

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

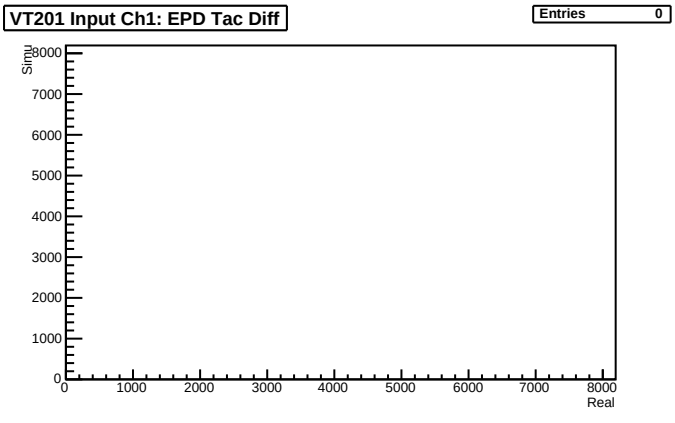

VT201 Input Ch0: BBC Small Tac Diff
Entries 350703
Tac

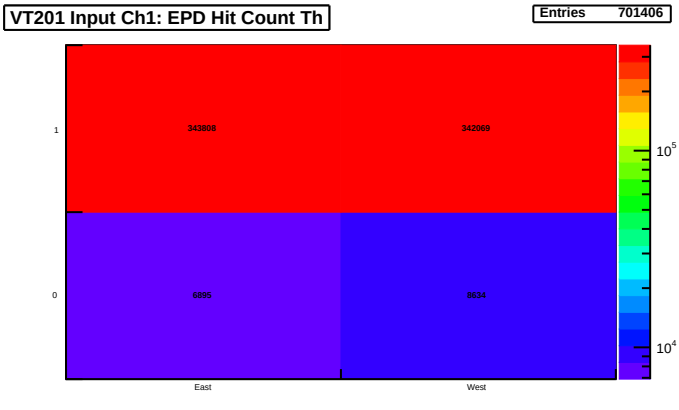

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

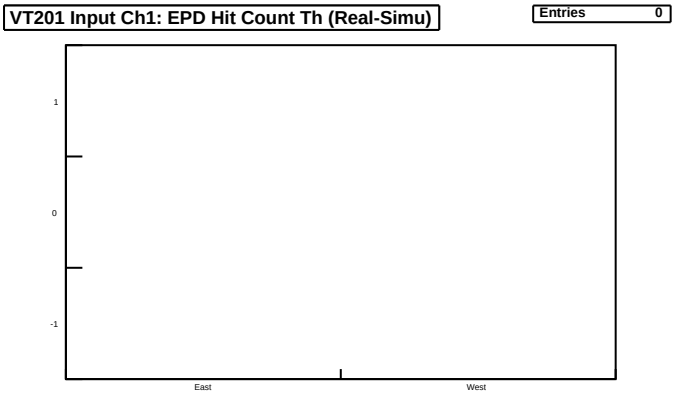

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 701406
281936
294749
68767
55954
East
West

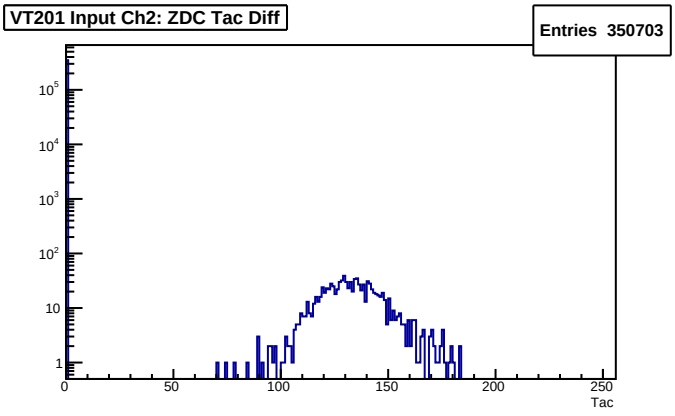

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

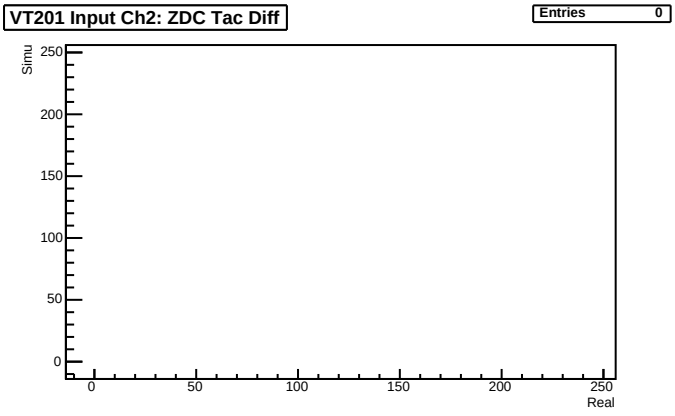

VT201 Input Ch1: EPD Tac Diff
Entries 350703
Tac

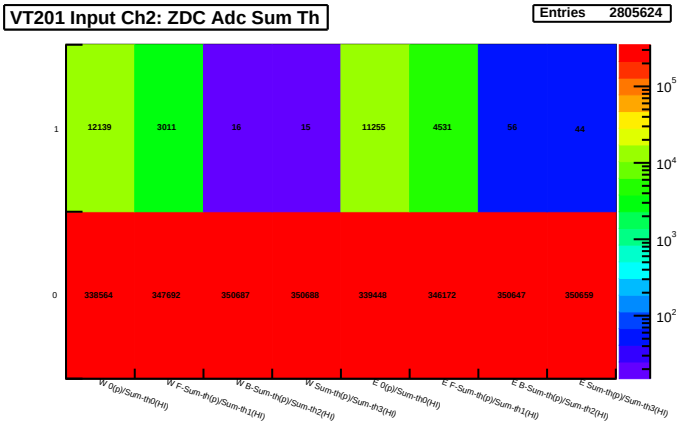

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

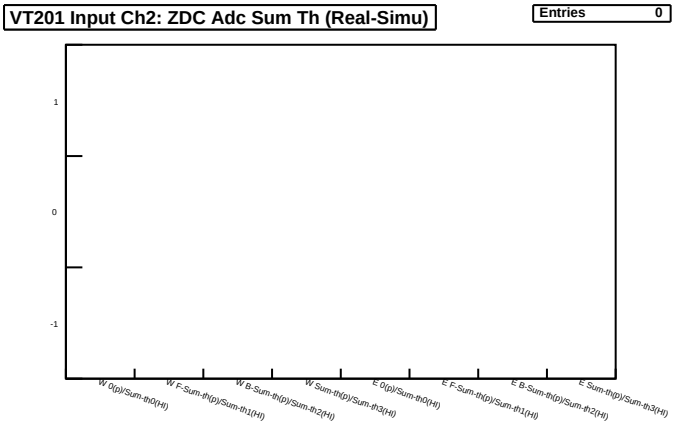

VT201 Input Ch1: EPD Hit Count Th
Entries 701406
343808
342069
6895
8534
East
West

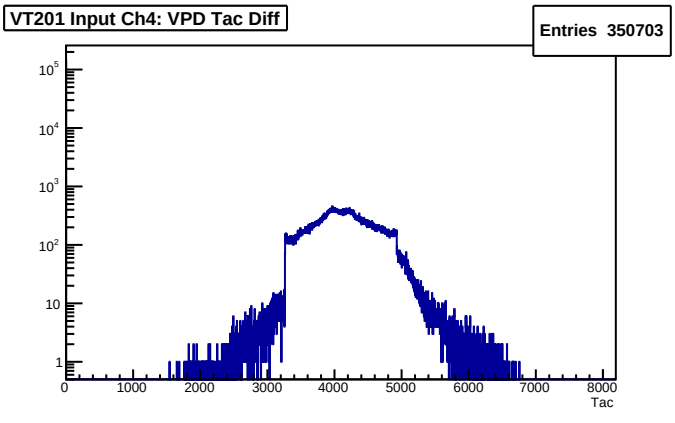

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

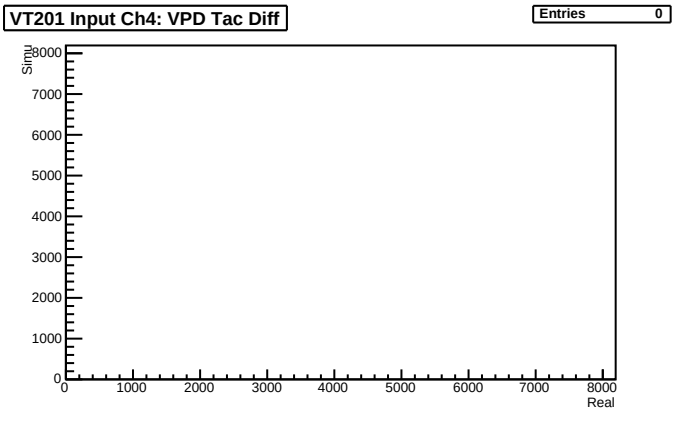

VT201 Input Ch2: ZDC Tac Diff
Entries 350703
Tac

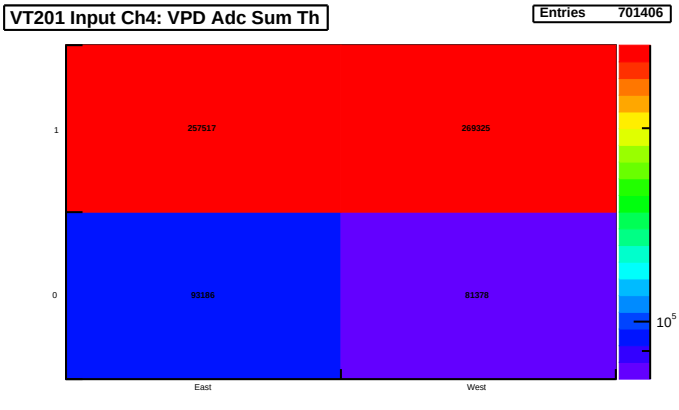

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

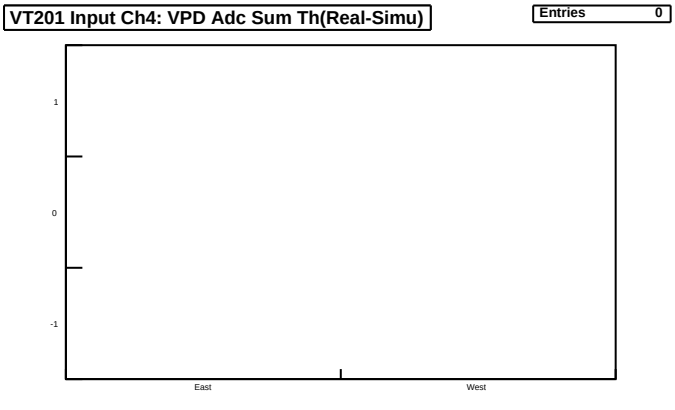

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2805624
12139
3011
16
15
11255
4531
56
44
338564
347692
350687
350688
339448
346172
350647
350659
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

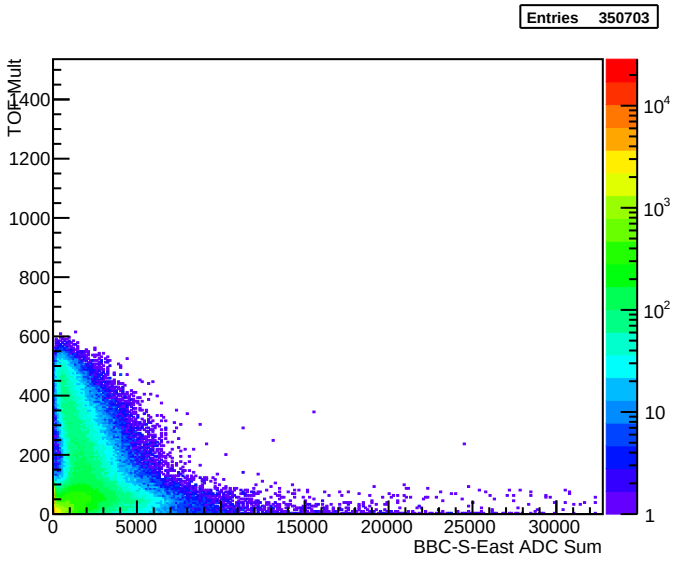

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

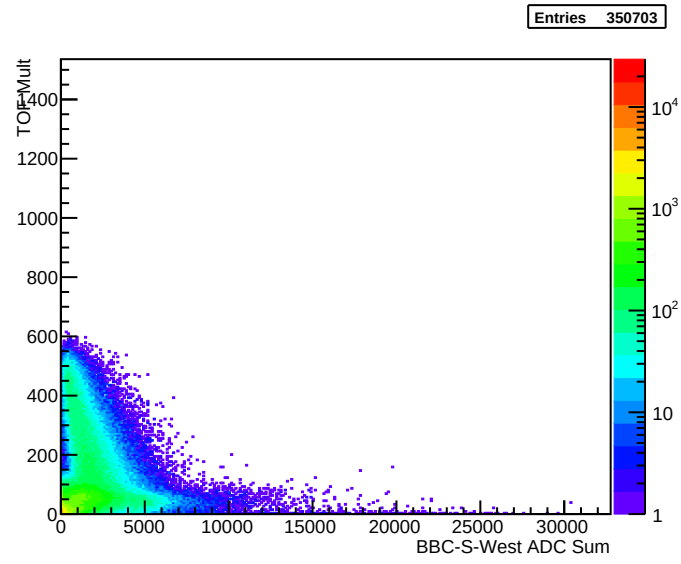

VT201 Input Ch4: VPD Tac Diff
Entries 350703
Tac

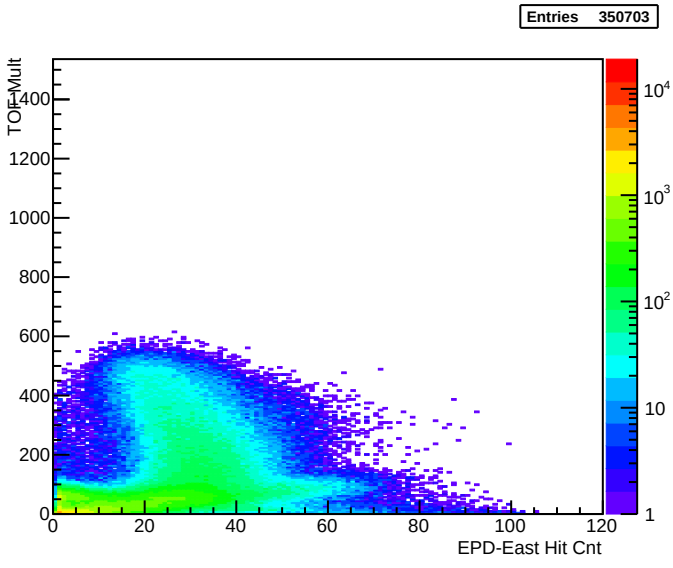

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

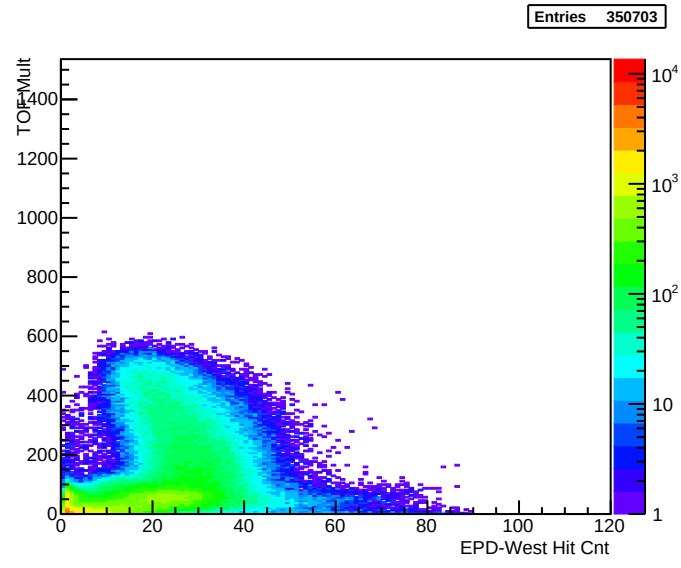

VT201 Input Ch4: VPD Adc Sum Th
Entries 701406
257517
269325
93156
81378
East
West

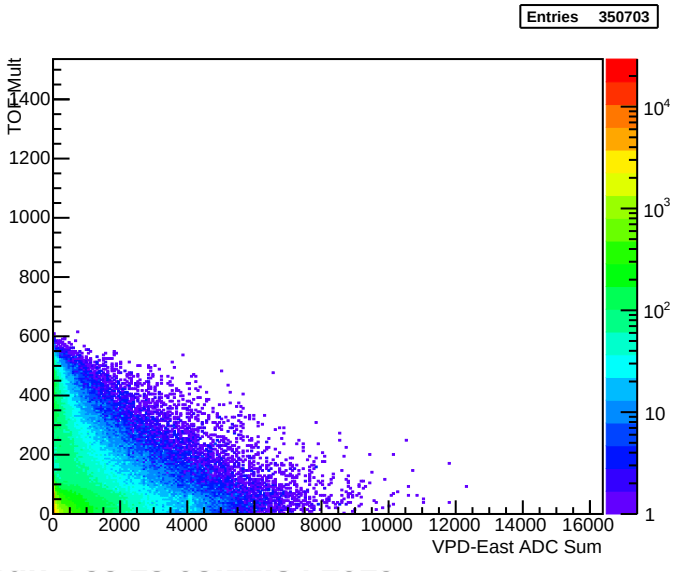

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

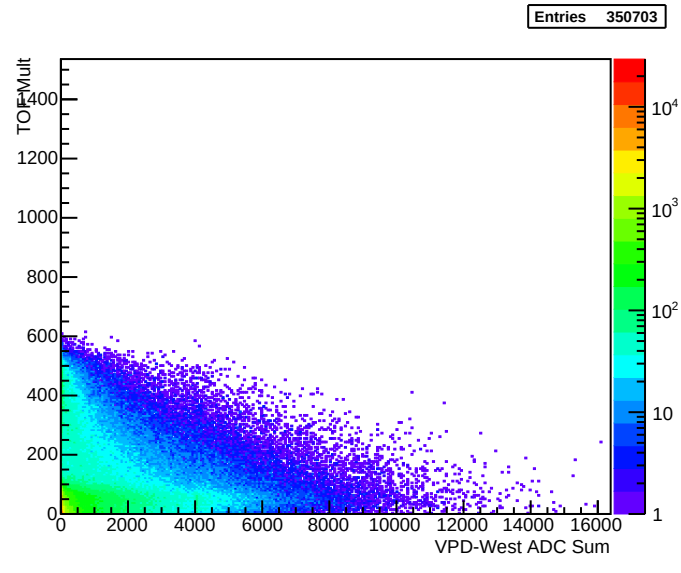

Entries 350703
TOF-Mult
BBC-S-East ADC Sum

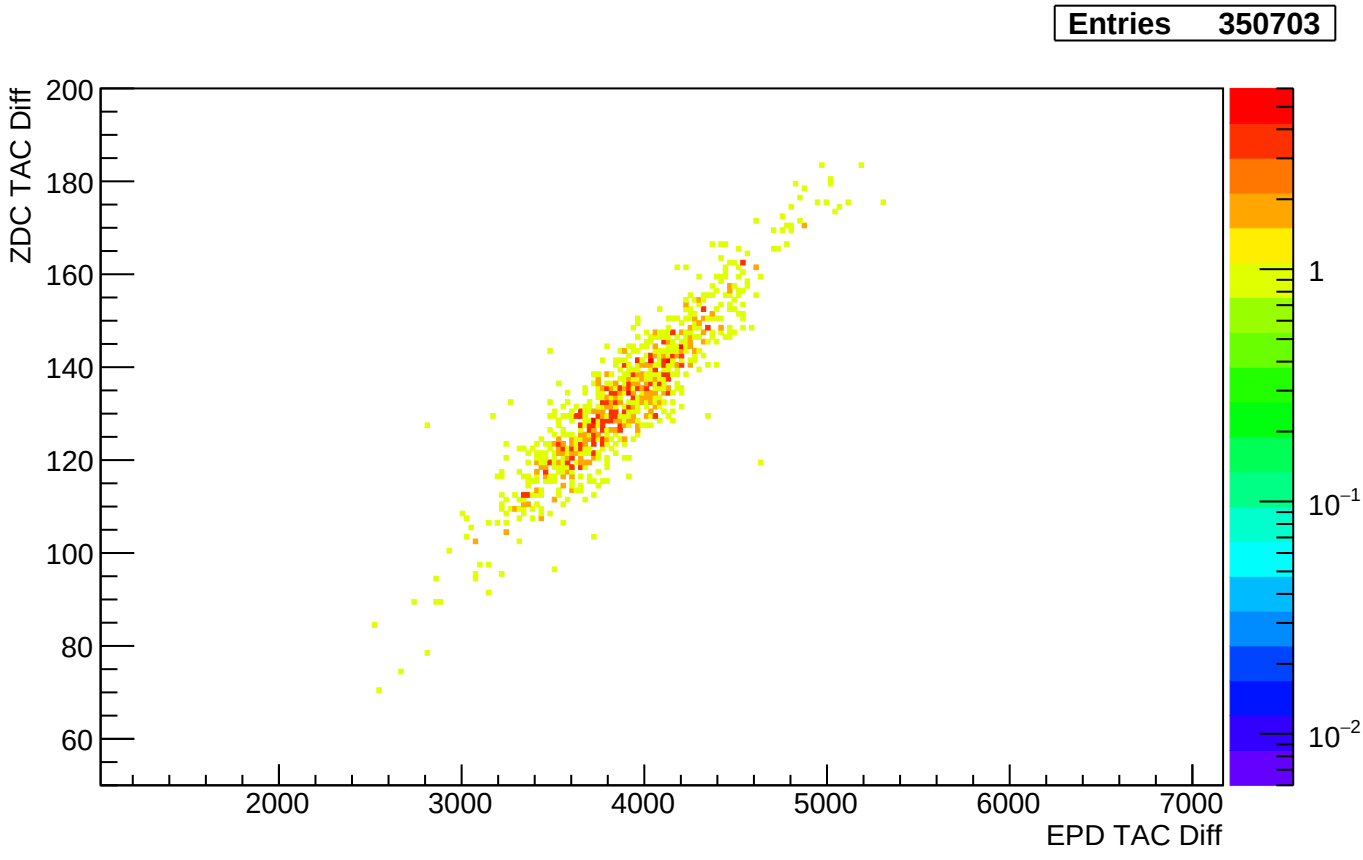

Entries 350703
TOF-Mult
BBC-S-West ADC Sum

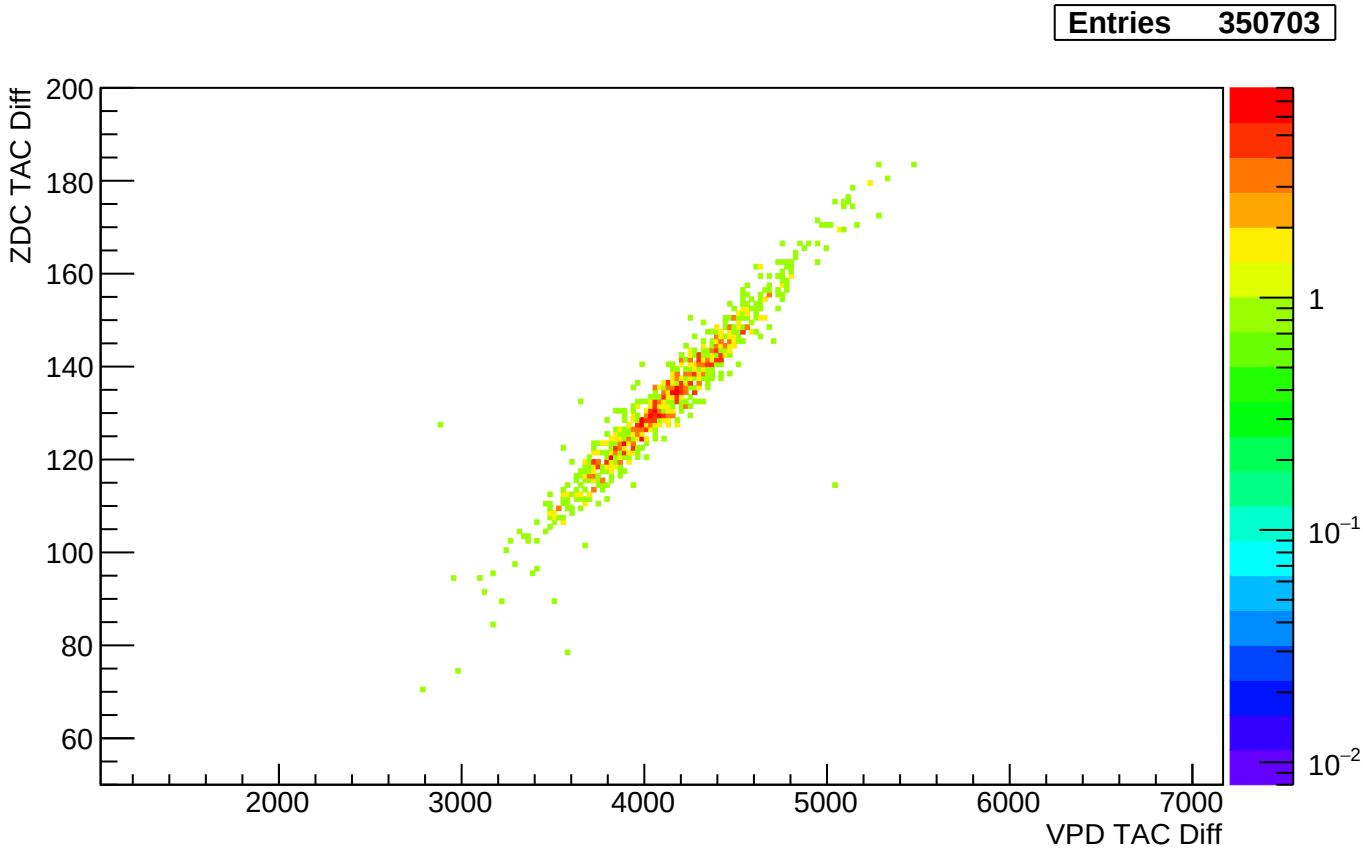

Entries 350703
TOF-Mult
EPD-East Hit Cnt

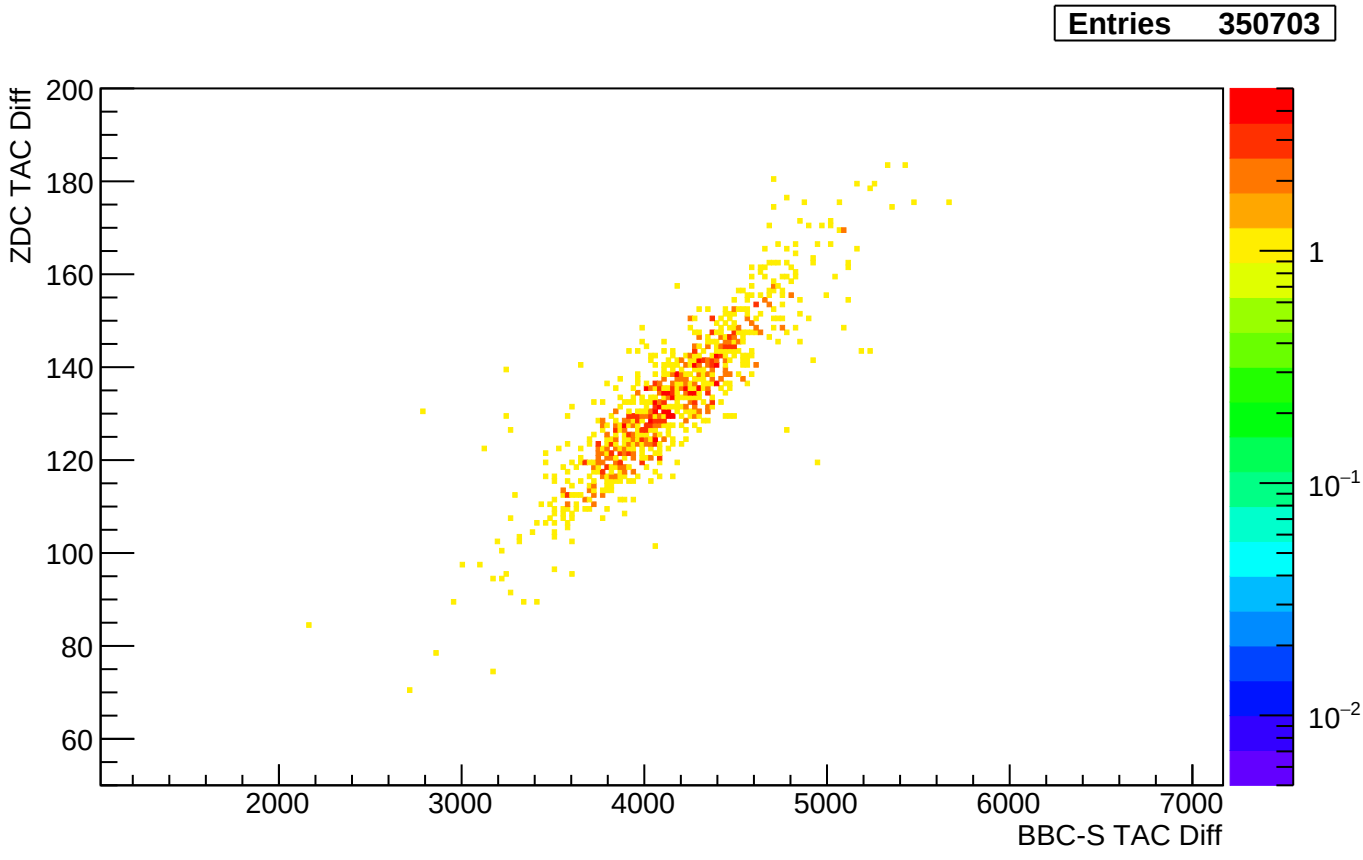

Entries 350703
TOF-Mult
EPD-West Hit Cnt

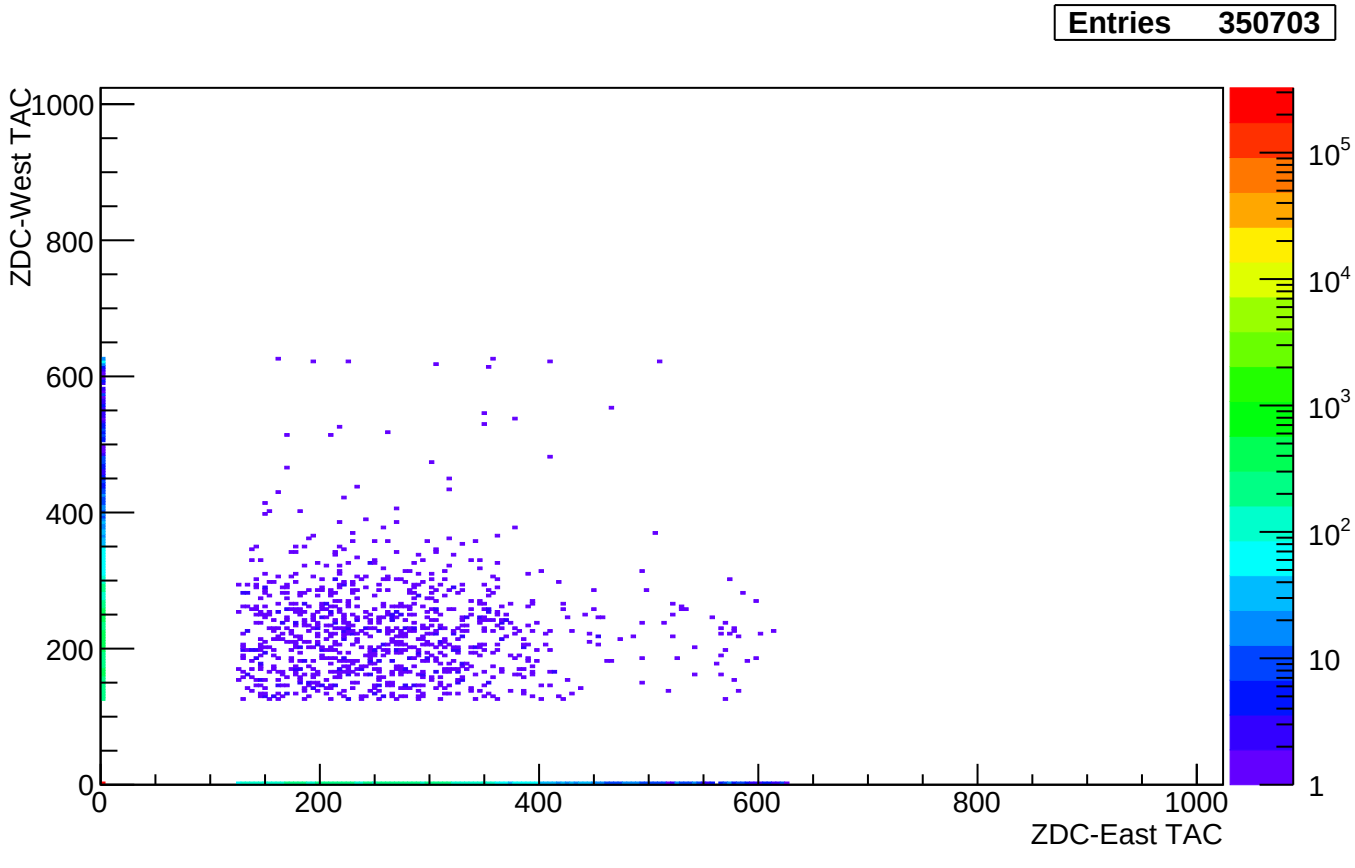

Entries 350703
TOF-Mult
VPD-East ADC Sum

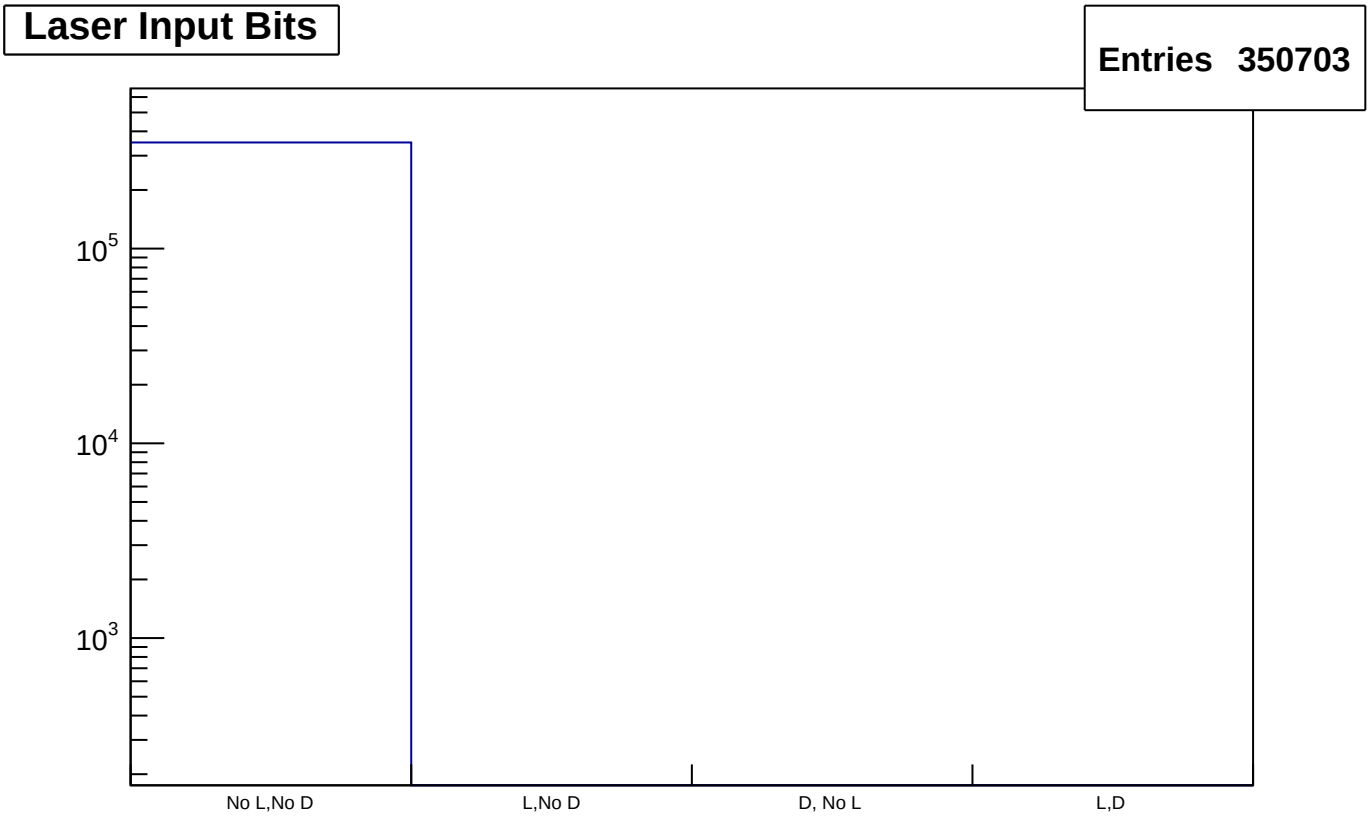

Entries 350703
TOF-Mult
VPD-West ADC Sum

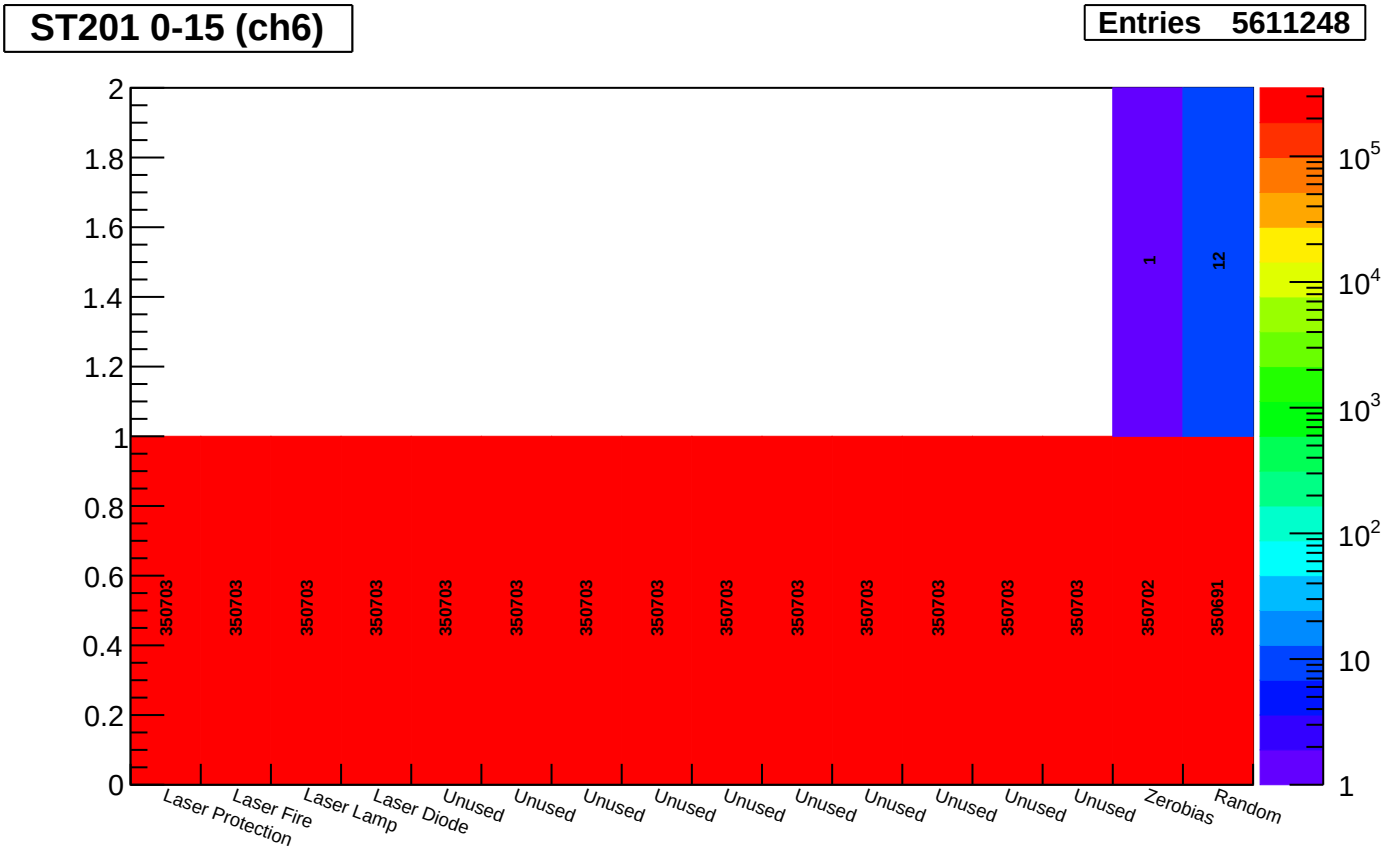

Entries 350703
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

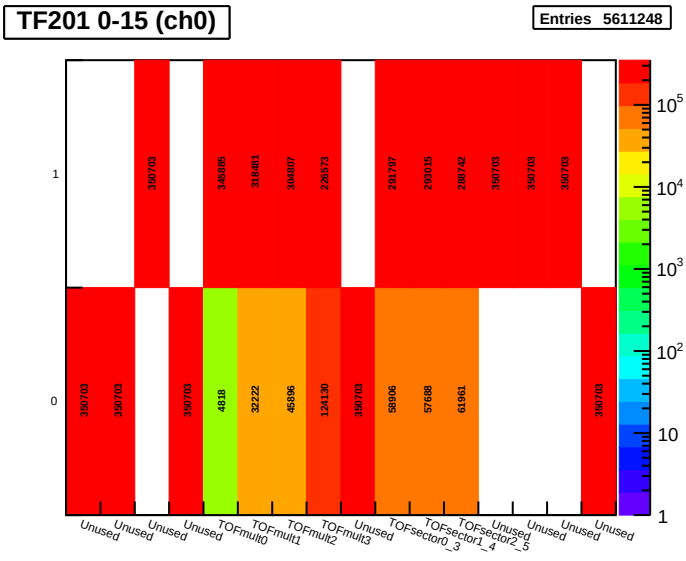

Entries 350703
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

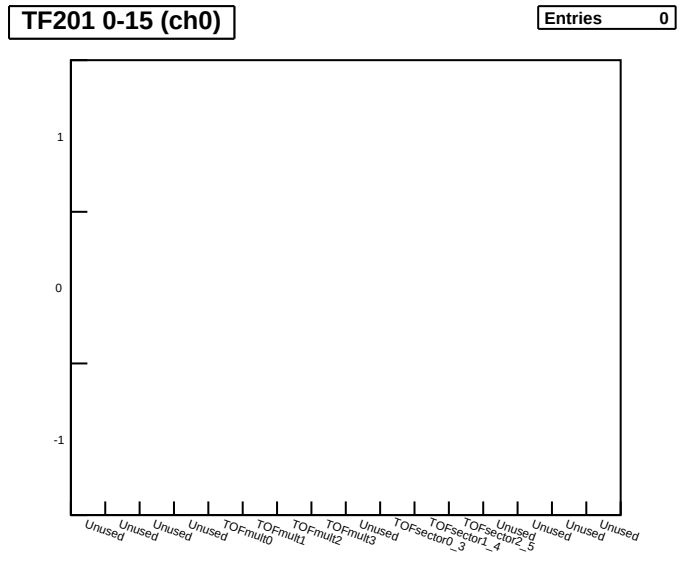

Entries 350703
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

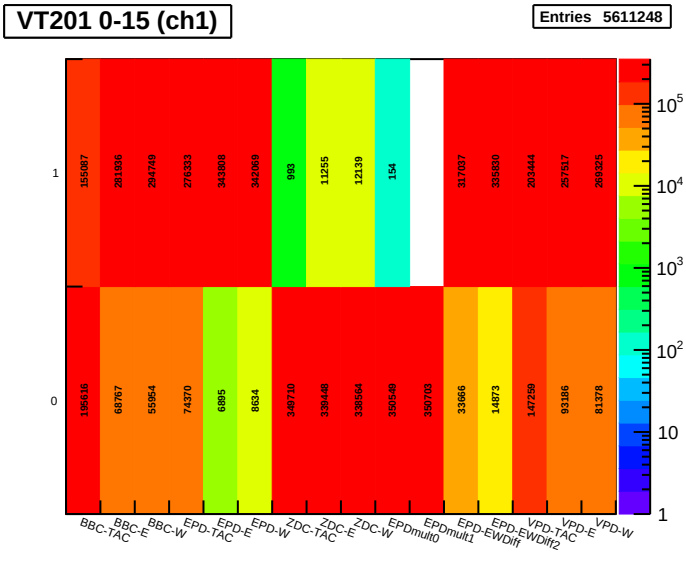

Entries 350703
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

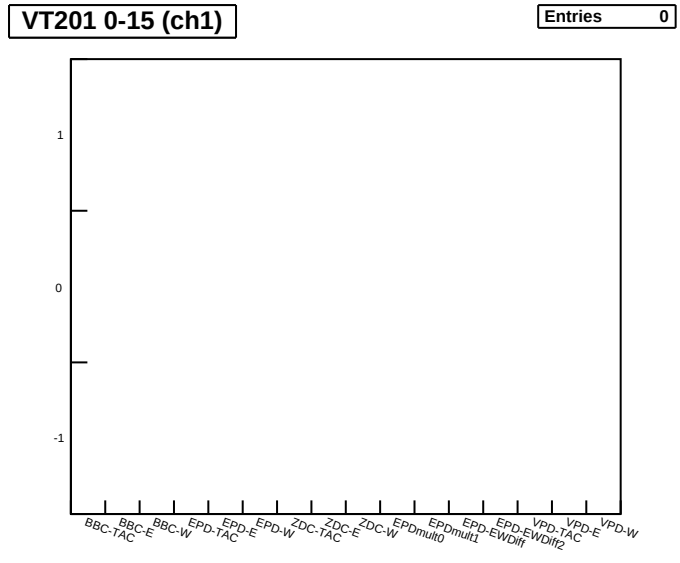

Laser Input Bits
Entries 350703
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

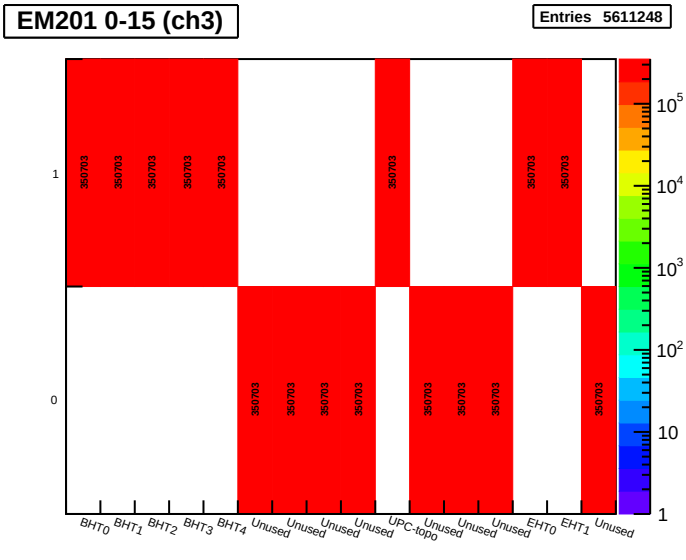

ST201 0-15 (ch6)
Entries 5611248
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
350703
350703
350703
350703
350703
350703
350703
350703
350703
350703
350703
350703
350703
350703
350702
350691
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

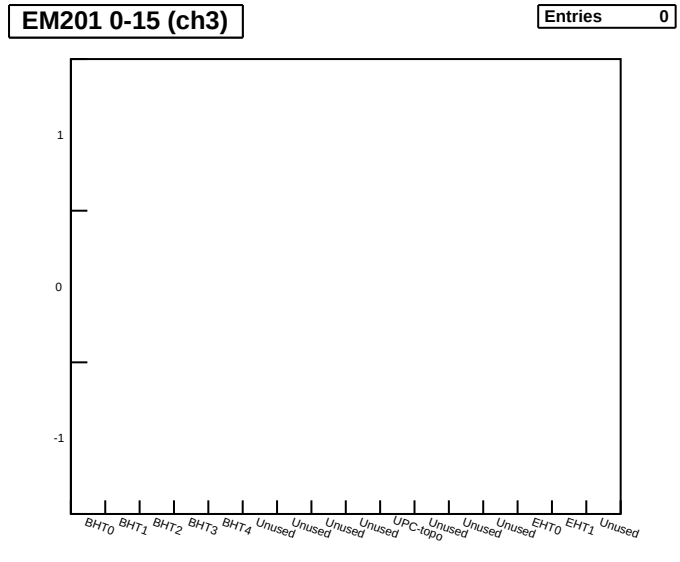

TF201 0-15 (ch0)
Entries 5611248
1
0
350703
345885
318481
304807
226573
291797
293015
288742
350703
350703
350703
350703
350703
4818
32222
45896
124130
350703
58906
57688
61961
350703
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 5611248
1
0
155087
281936
294749
276333
343808
342069
993
11255
12139
154
317037
335830
203444
257517
269325
156616
68767
55954
74370
6895
8634
349710
339448
338564
350549
350703
33666
14873
147259
93186
81378
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 5611248
1
0
350703
350703
350703
350703
350703
350703
350703
350703
350703
350703
350703
350703
350703
350703
350703
350703
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