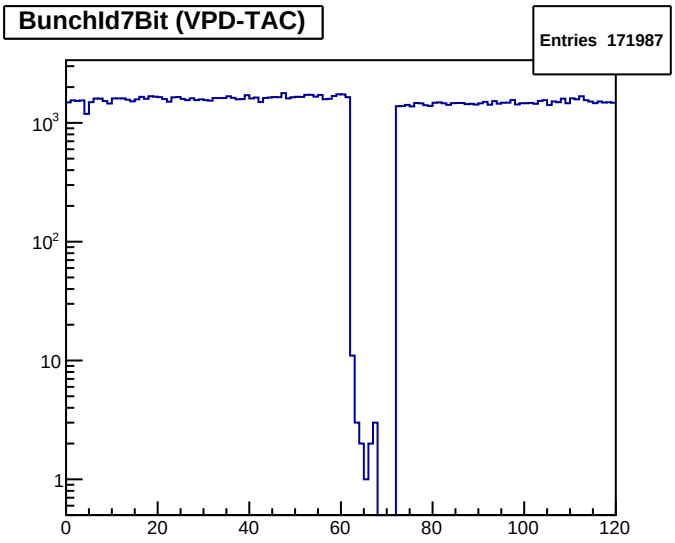
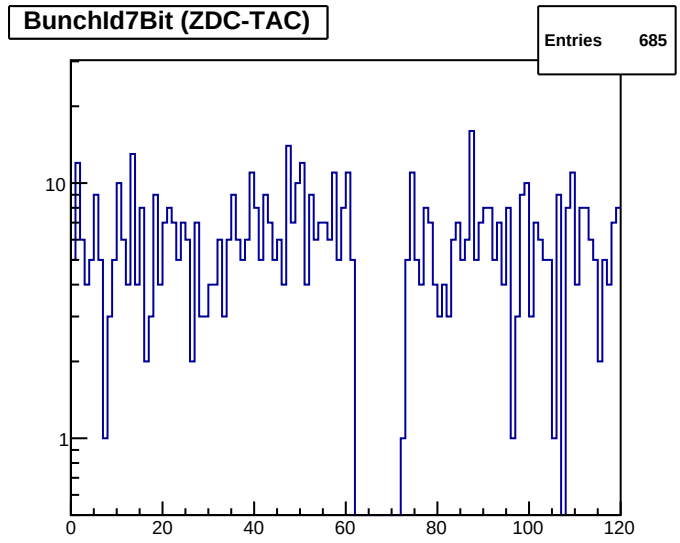
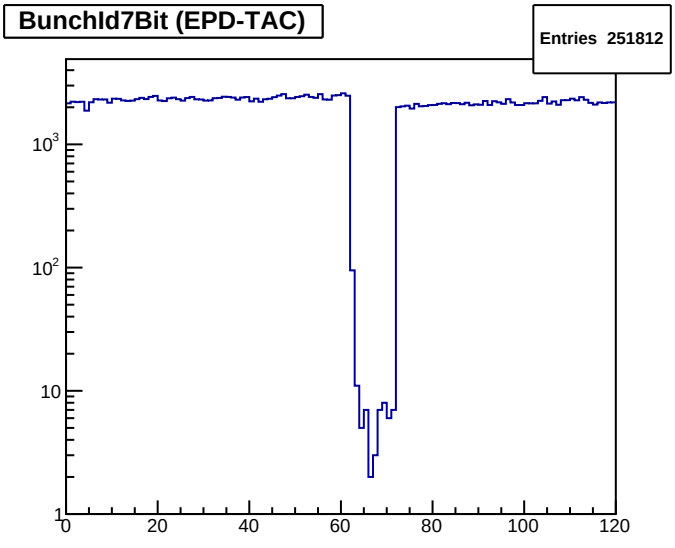
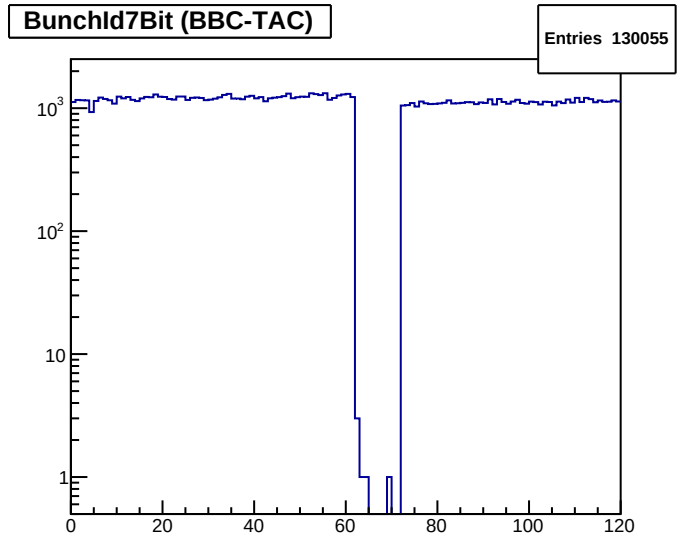
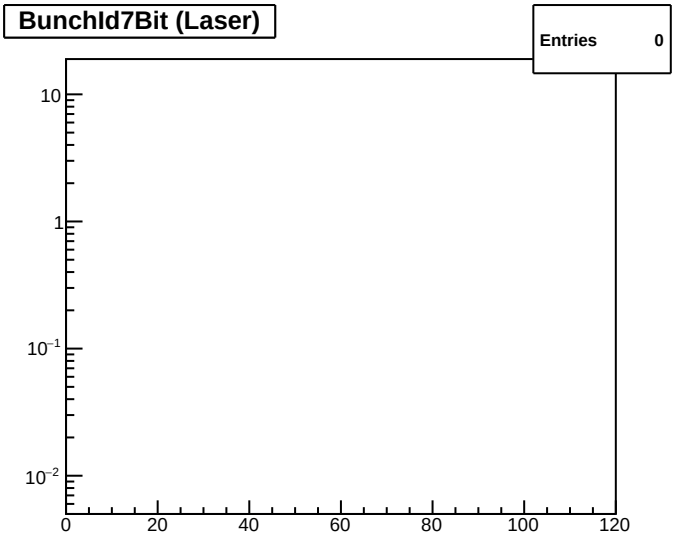
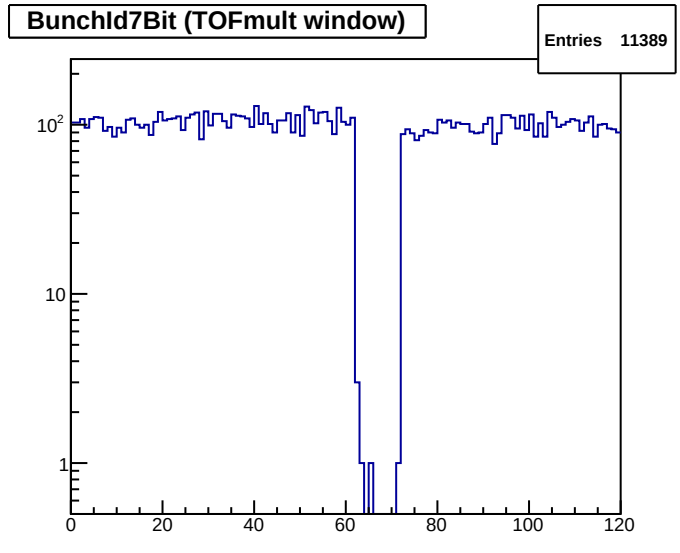

BunchId7Bit (VPD-TAC)
Entries 171987

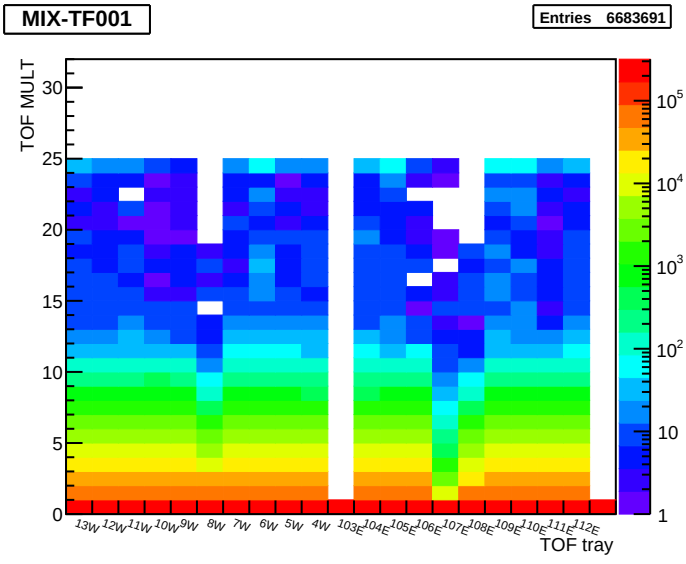

BunchId7Bit (ZDC-TAC)
Entries 685

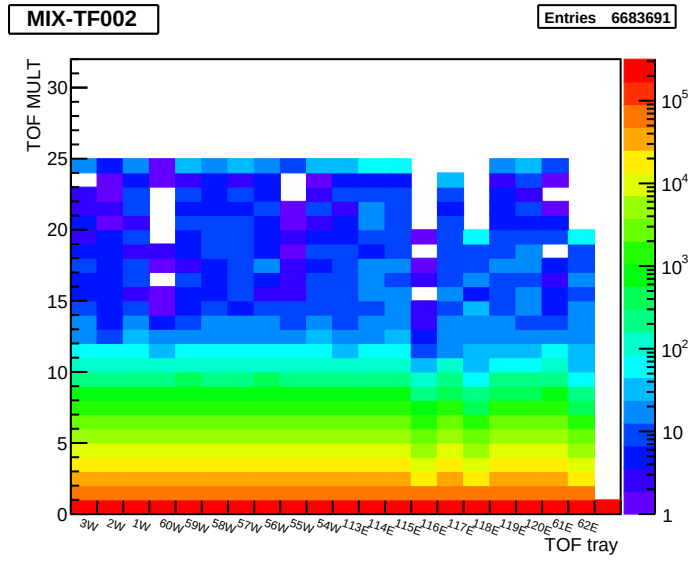

BunchId7Bit (EPD-TAC)
Entries 251812

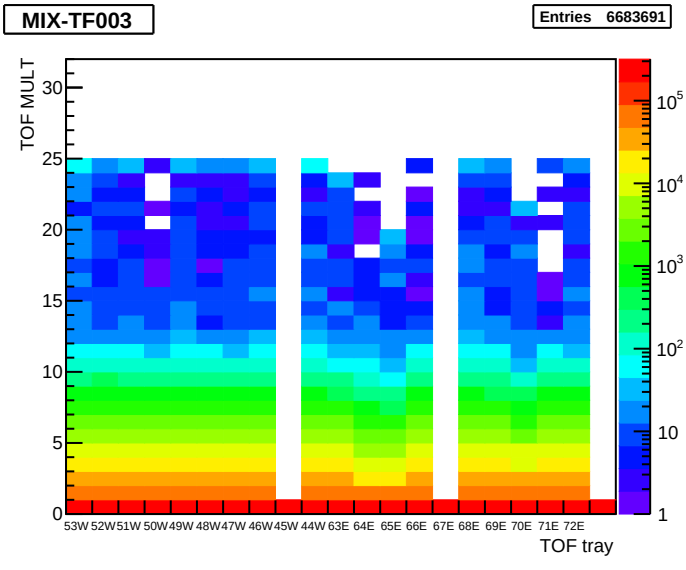

BunchId7Bit (BBC-TAC)
Entries 130055

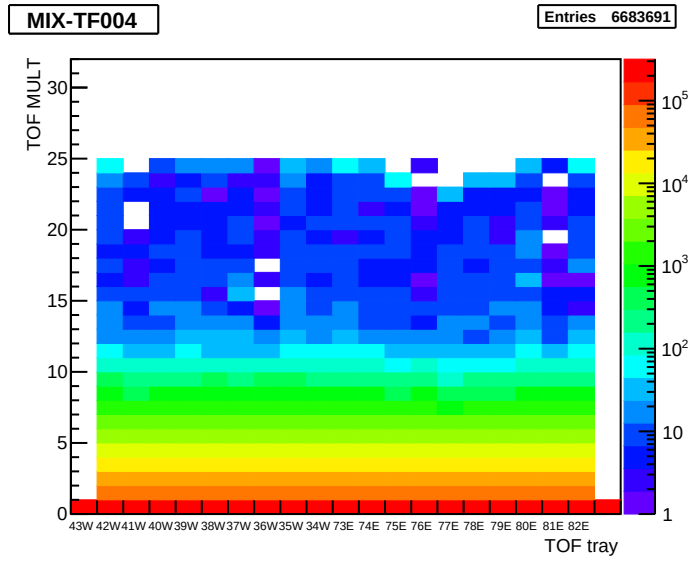

BunchId7Bit (Laser)
Entries 0

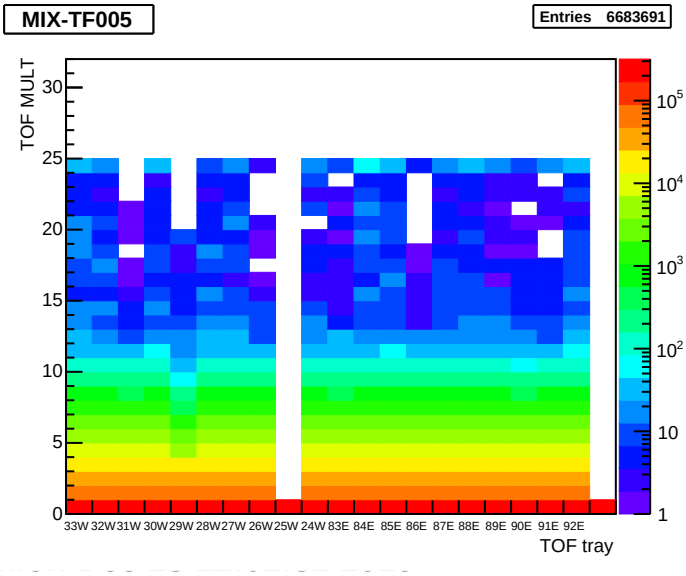

BunchId7Bit (TOFmult window)
Entries 11389

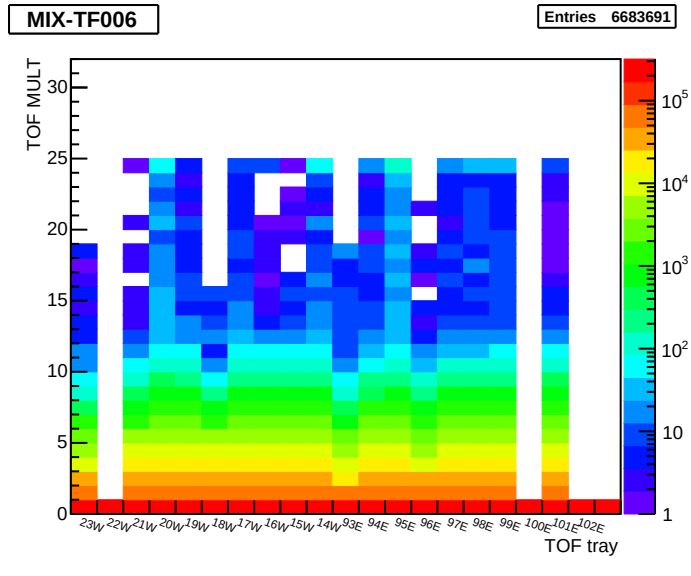

MIX-TF001
Entries 6683691
TOF MULT
TOF tray

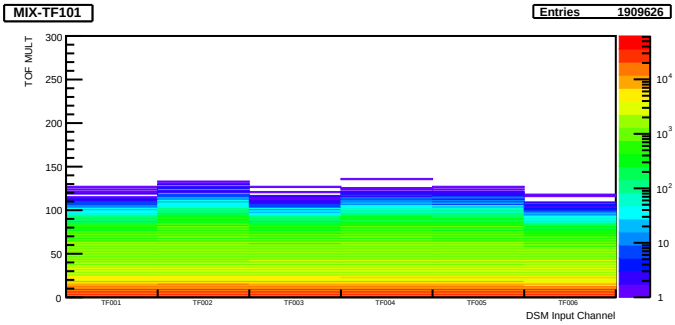

MIX-TF002
Entries 6683691
TOF MULT
TOF tray

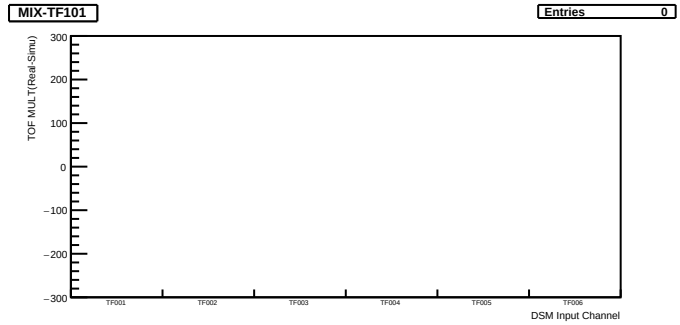

MIX-TF003
Entries 6683691
TOF MULT
TOF tray

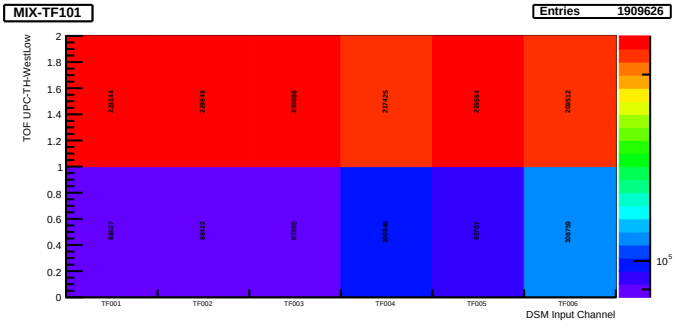

MIX-TF004
Entries 6683691
TOF MULT
TOF tray

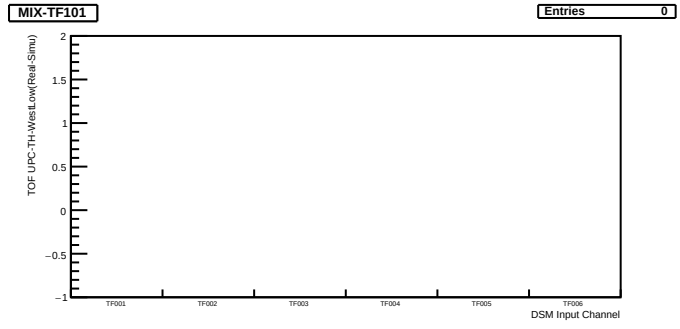

MIX-TF005
Entries 6683691
TOF MULT
TOF tray

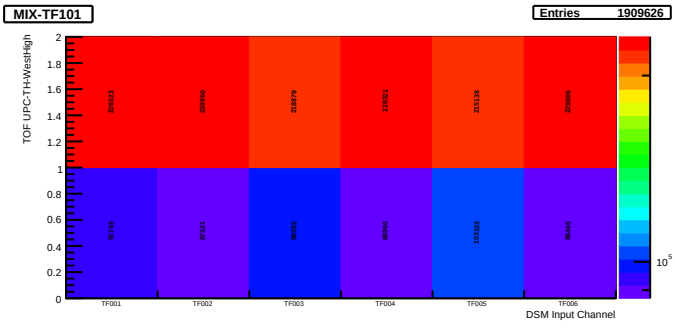

MIX-TF006
Entries 6683691
TOF MULT
TOF tray

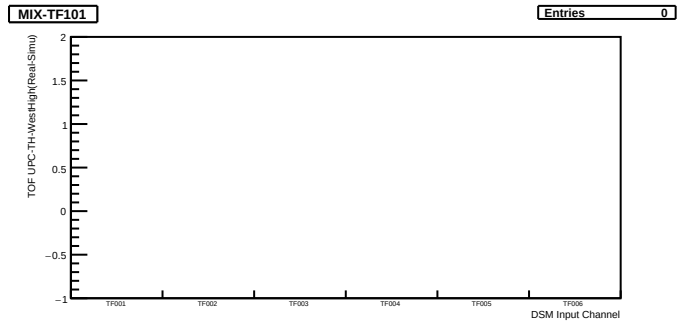

MIX-TF101
Entries 1909626
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

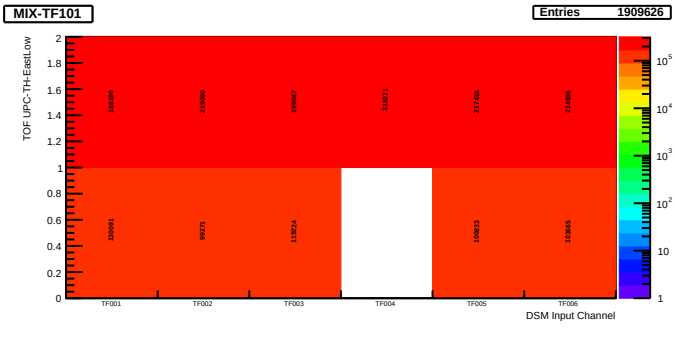

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

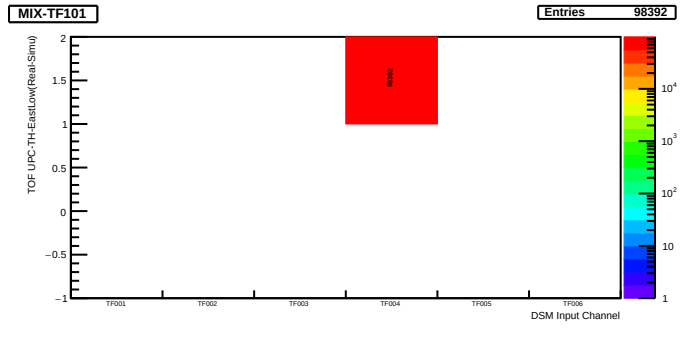

MIX-TF101
Entries 1909626
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

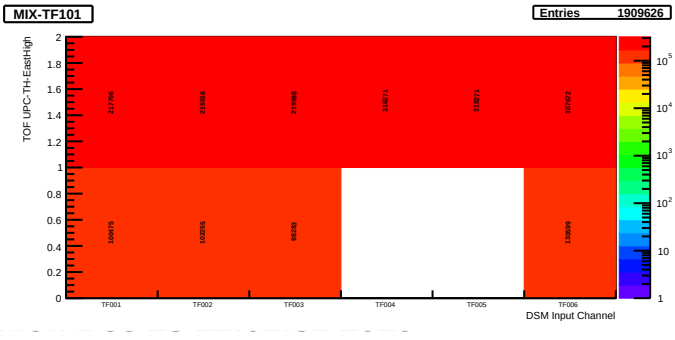

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

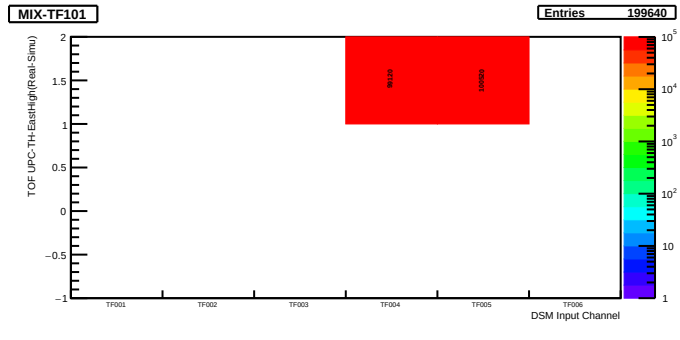

MIX-TF101
Entries 1909626
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

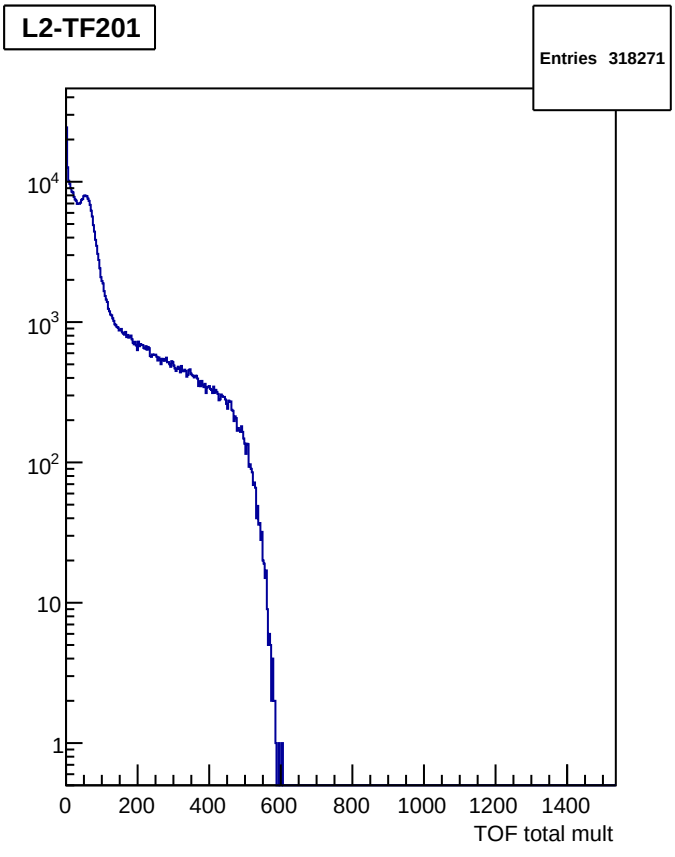

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

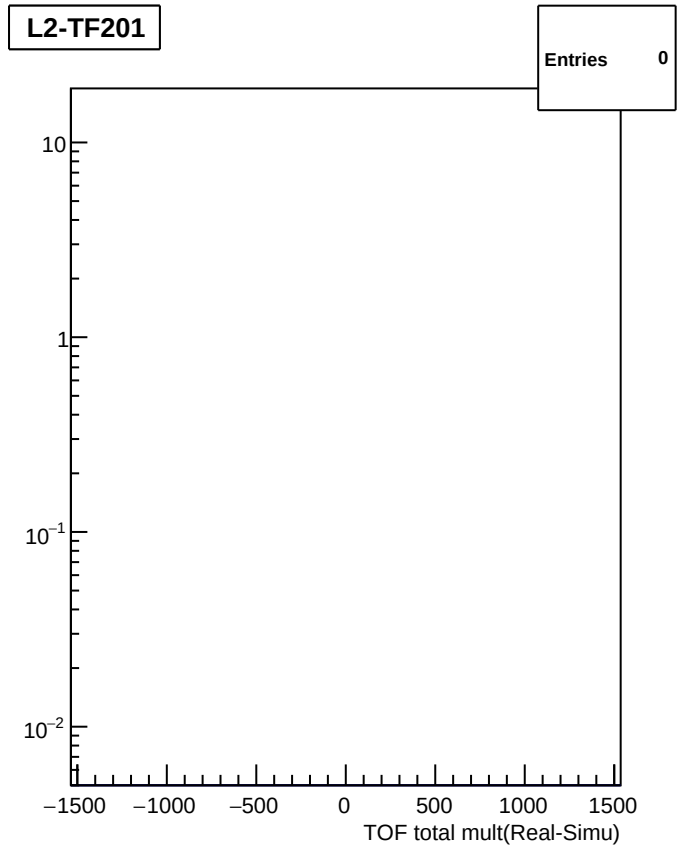

MIX-TF101
Entries 1909626
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

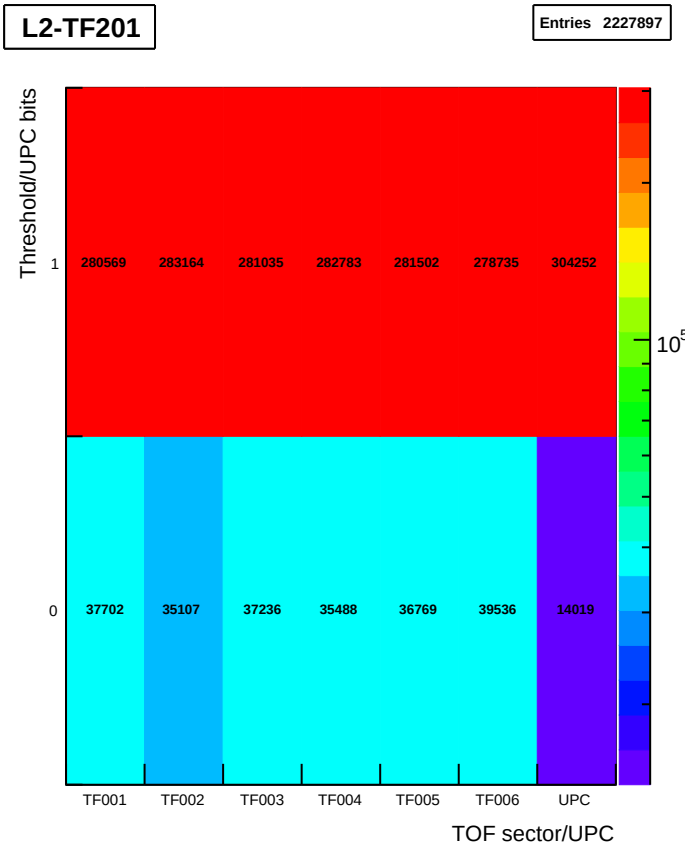

MIX-TF101
Entries 98392
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

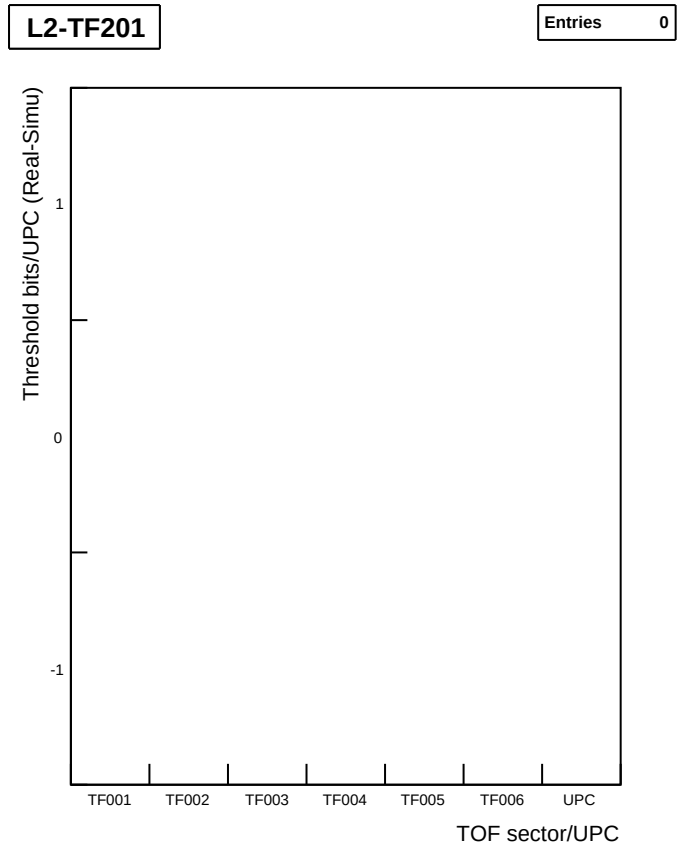

MIX-TF101
Entries 1909626
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

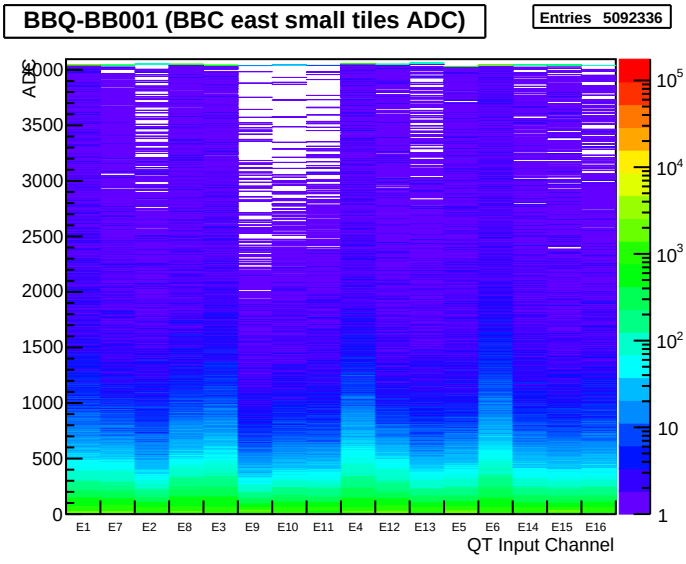

MIX-TF101
Entries 199640
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

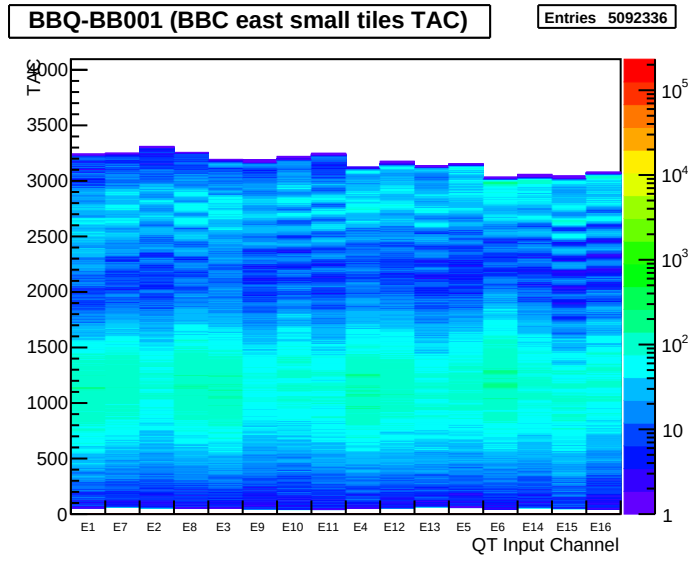

L2-TF201
Entries 318271
TOF total mult

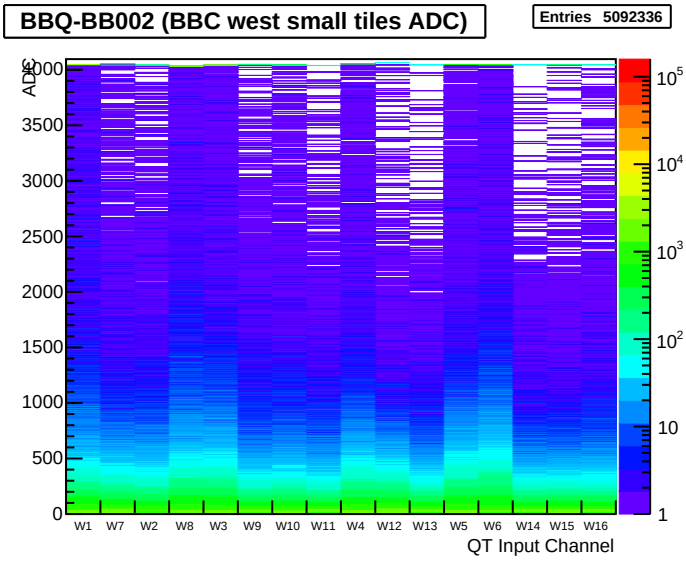

L2-TF201
Entries 0
TOF total mult(Real-Simu)

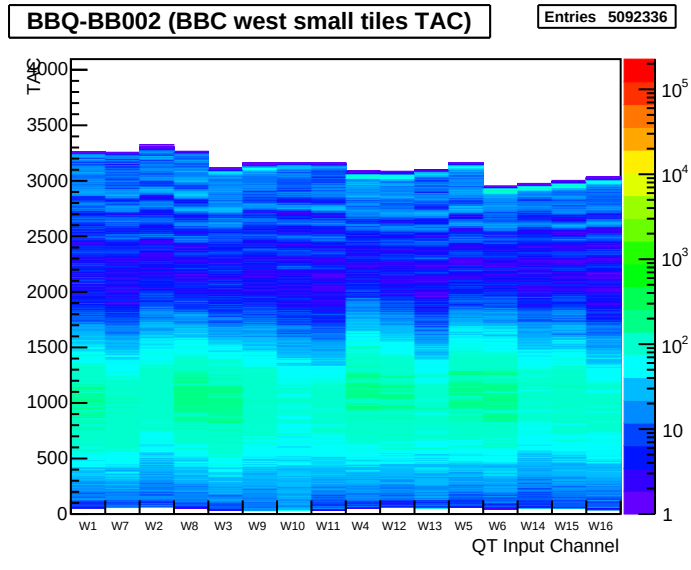

L2-TF201
Entries 2227897
Threshold/UPC bits
280569
283164
281035
282783
281502
278735
304252
37702
35107
37236
35488
36769
39536
14019
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

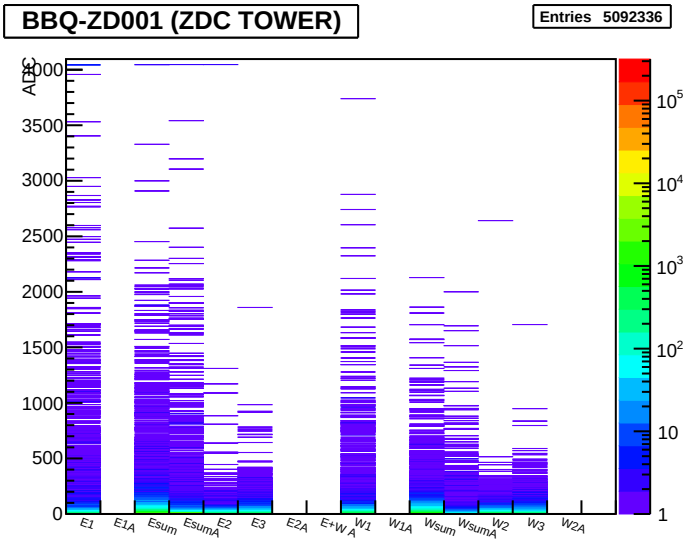

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

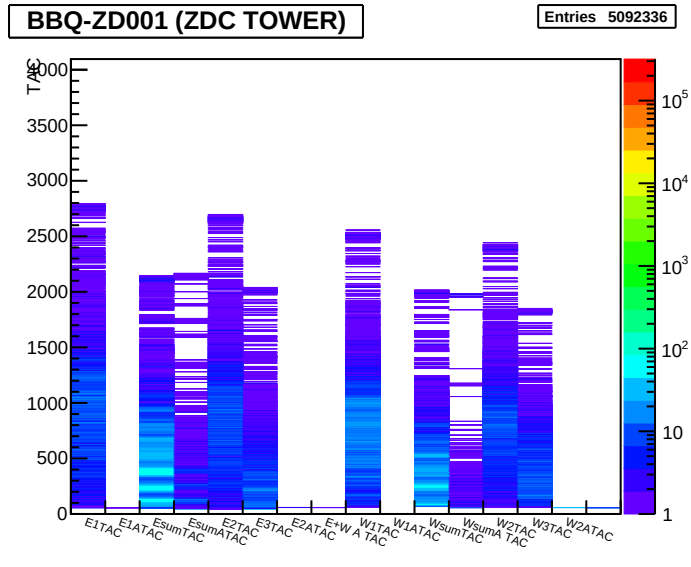

BBQ-BB001 (BBC east small tiles ADC)
Entries 5092336
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

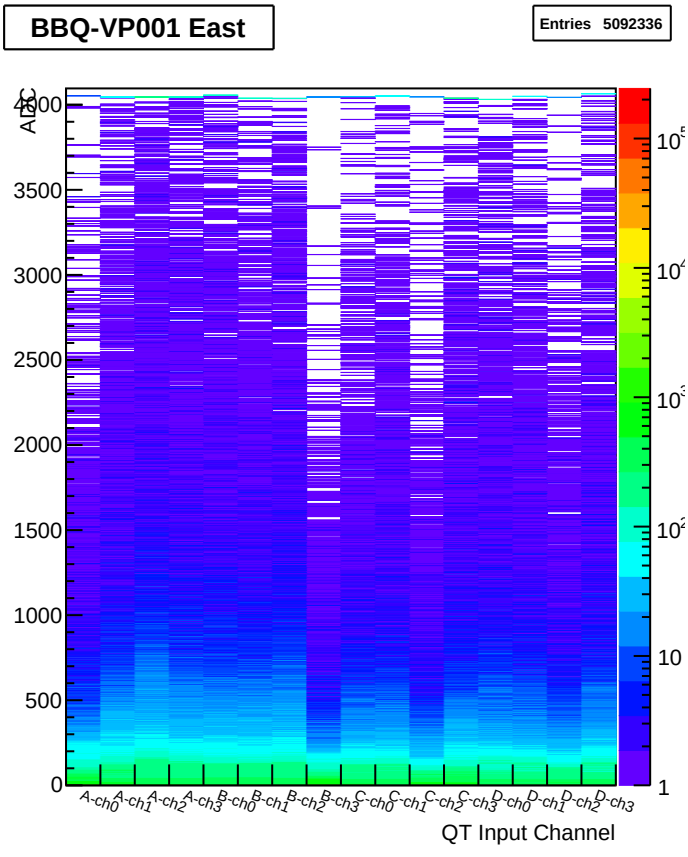

BBQ-BB001 (BBC east small tiles TAC)
Entries 5092336
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

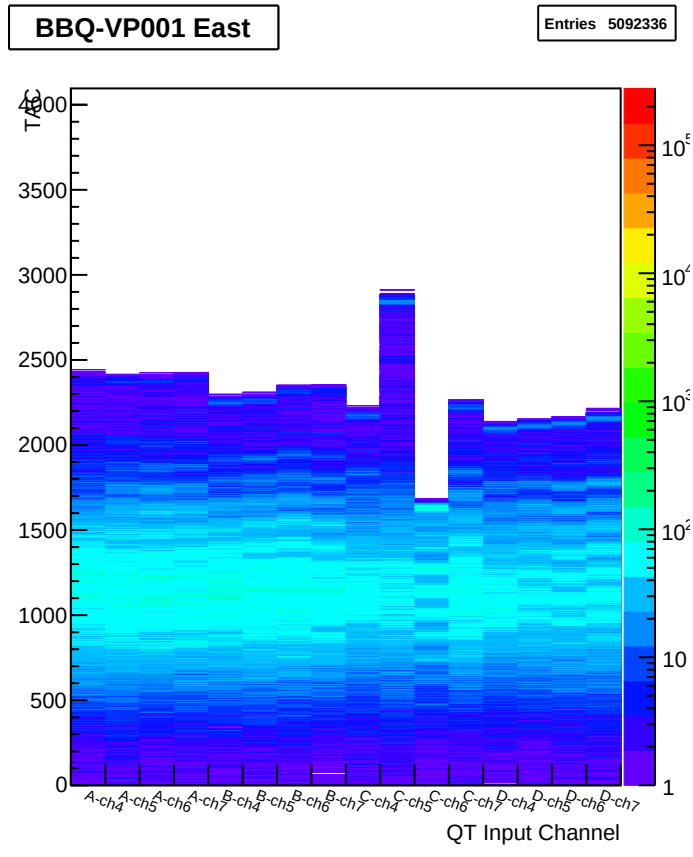

BBQ-BB002 (BBC west small tiles ADC)
Entries 5092336
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

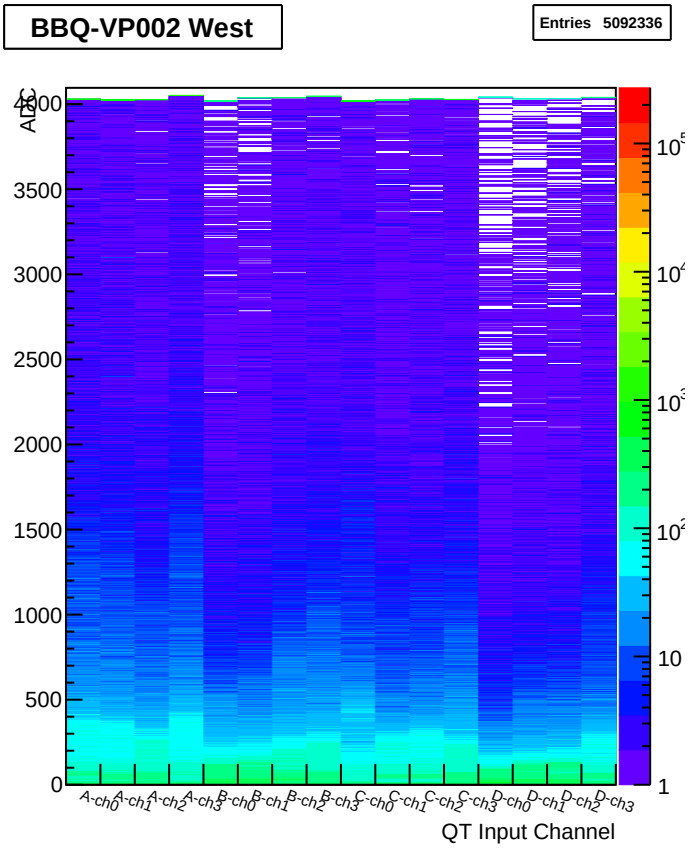

BBQ-BB002 (BBC west small tiles TAC)
Entries 5092336
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

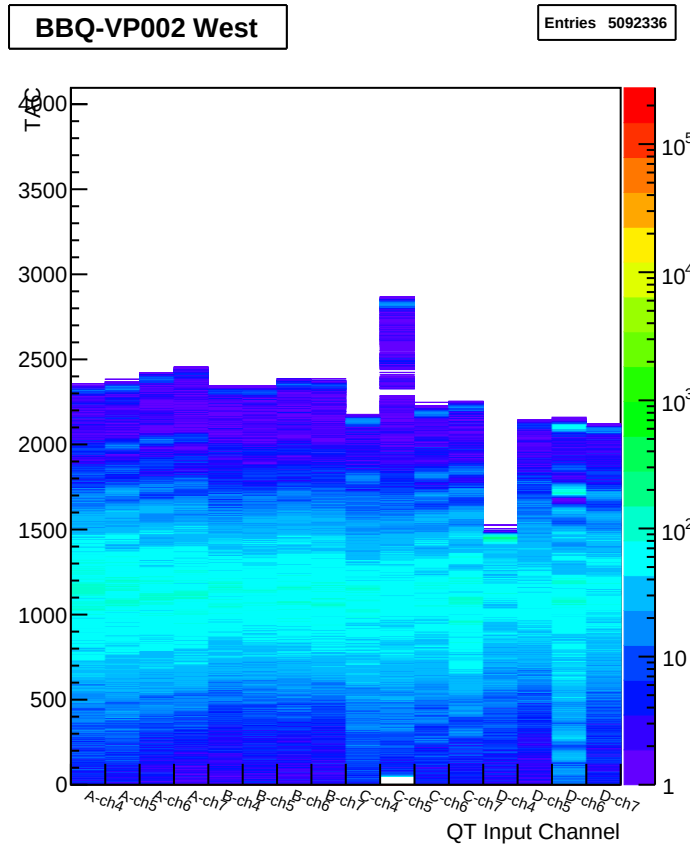

BBQ-ZD001 (ZDC TOWER)
Entries 5092336
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

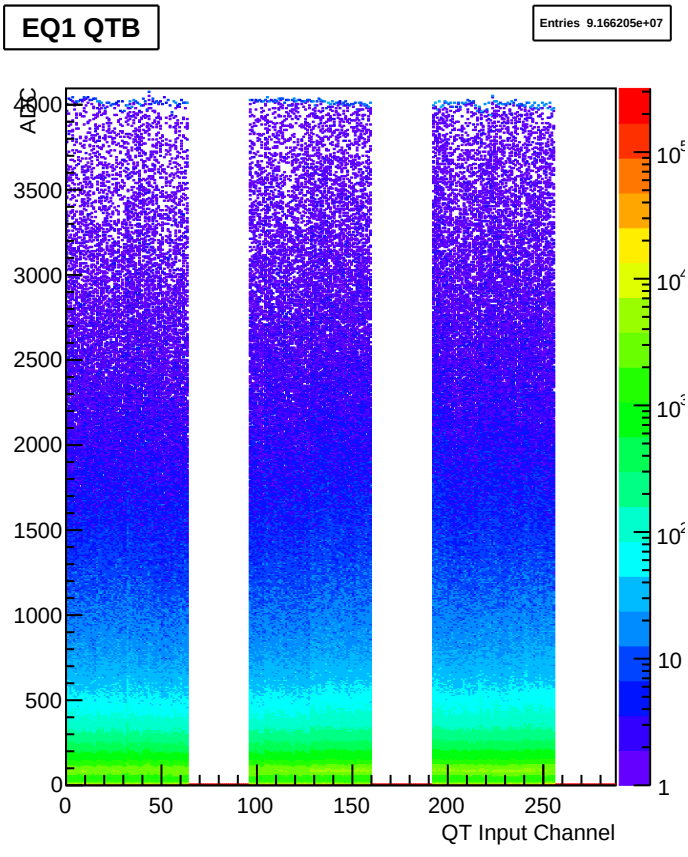

BBQ-ZD001 (ZDC TOWER)
Entries 5092336
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

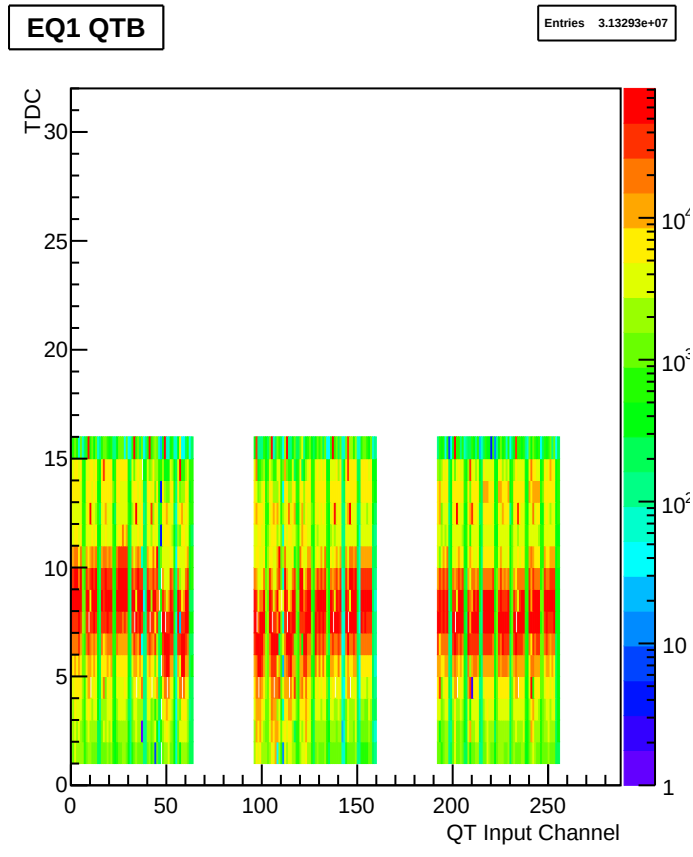

BBQ-VP001 East
Entries 5092336
ADC
QT Input Channel

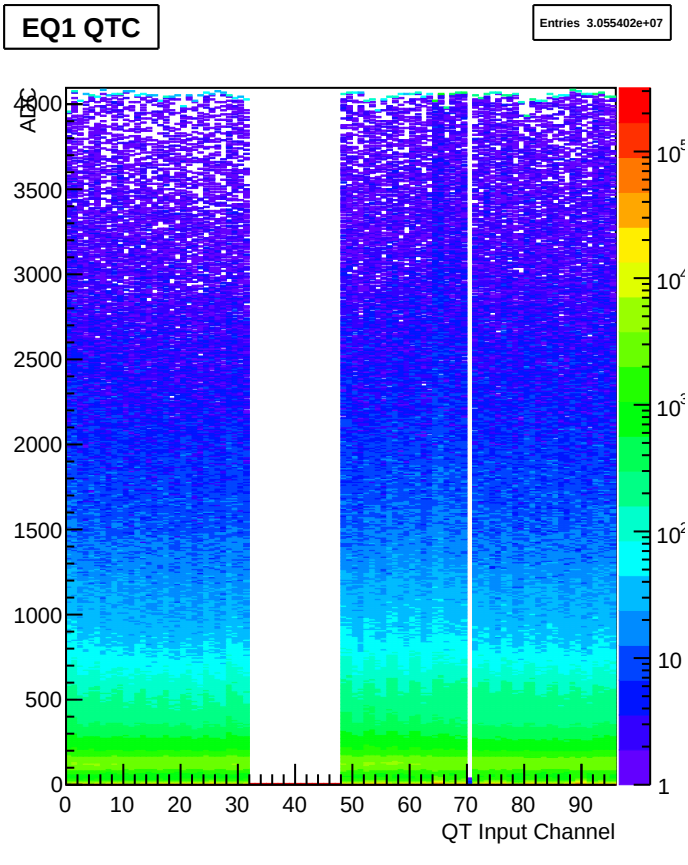

BBQ-VP001 East
Entries 5092336
TADC
QT Input Channel

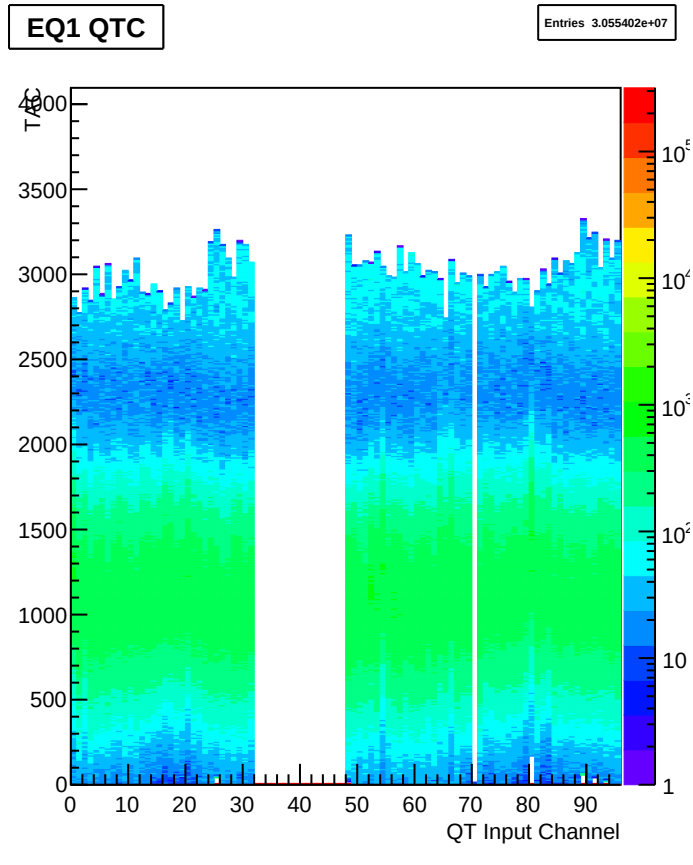

BBQ-VP002 West
Entries 5092336
ADC
QT Input Channel

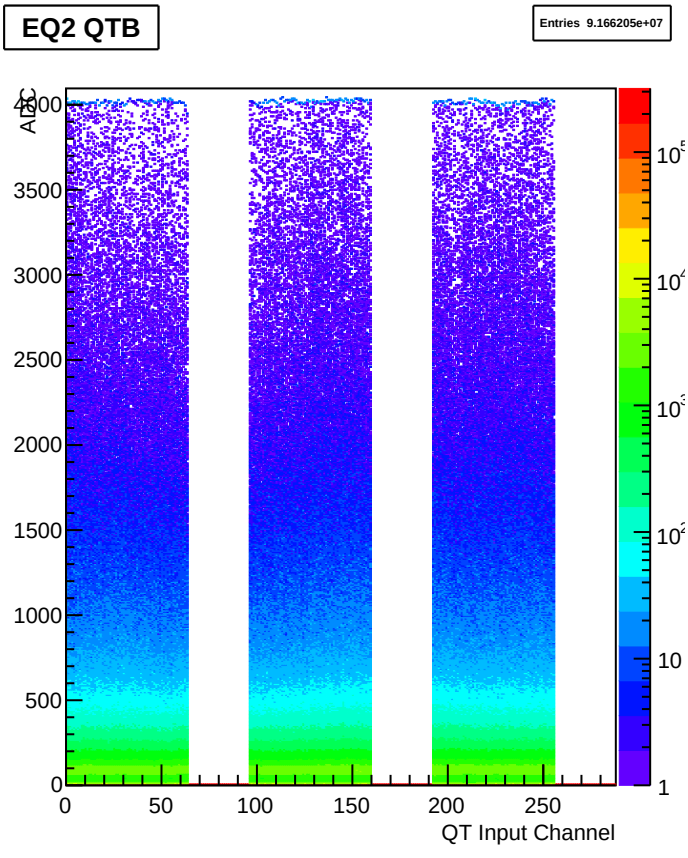

BBQ-VP002 West
Entries 5092336
TADC
QT Input Channel

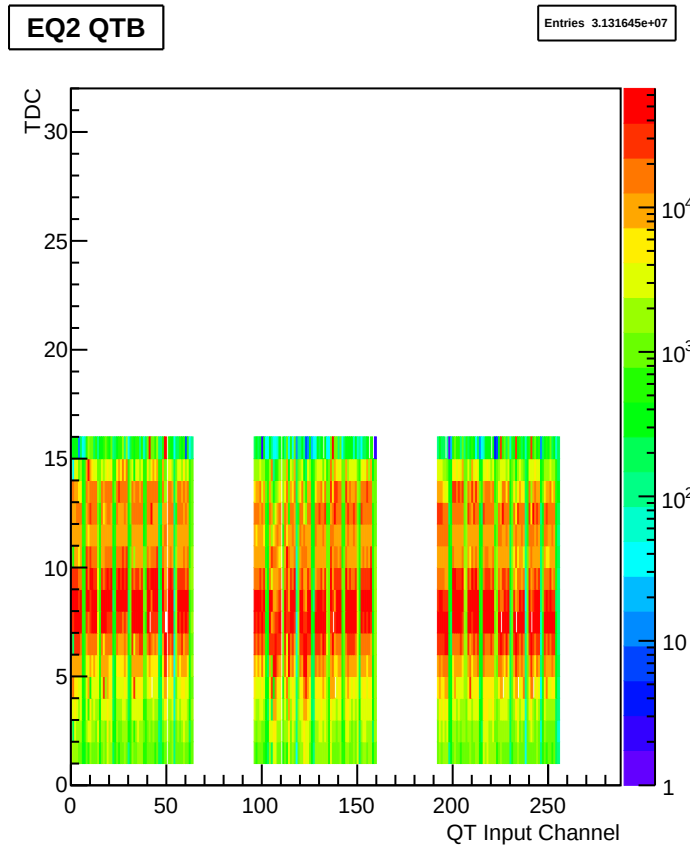

EQ1 QTB
Entries 9.166205e+07
ADC
QT Input Channel

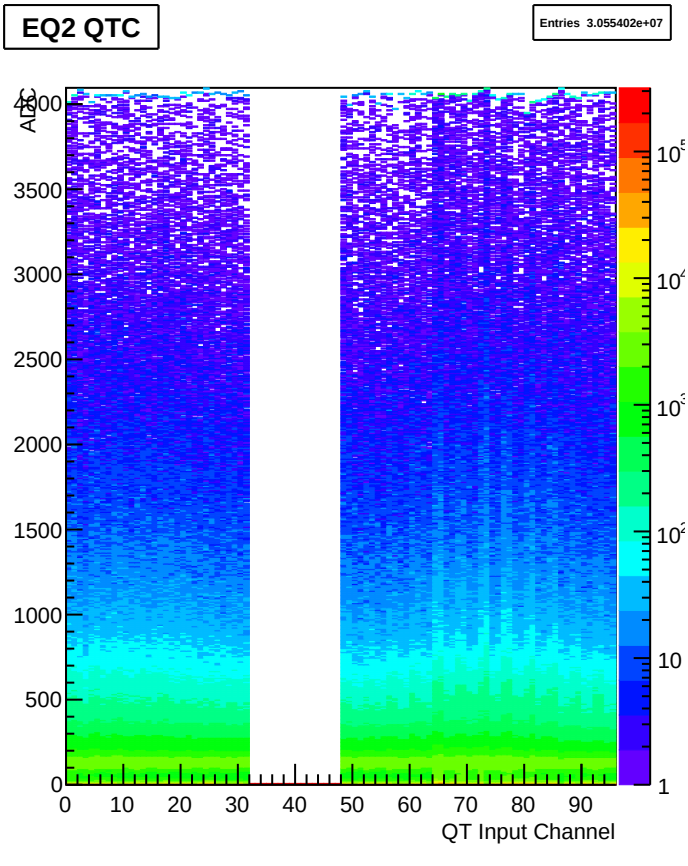

EQ1 QTB
Entries 3.13293e+07
TDC
QT Input Channel

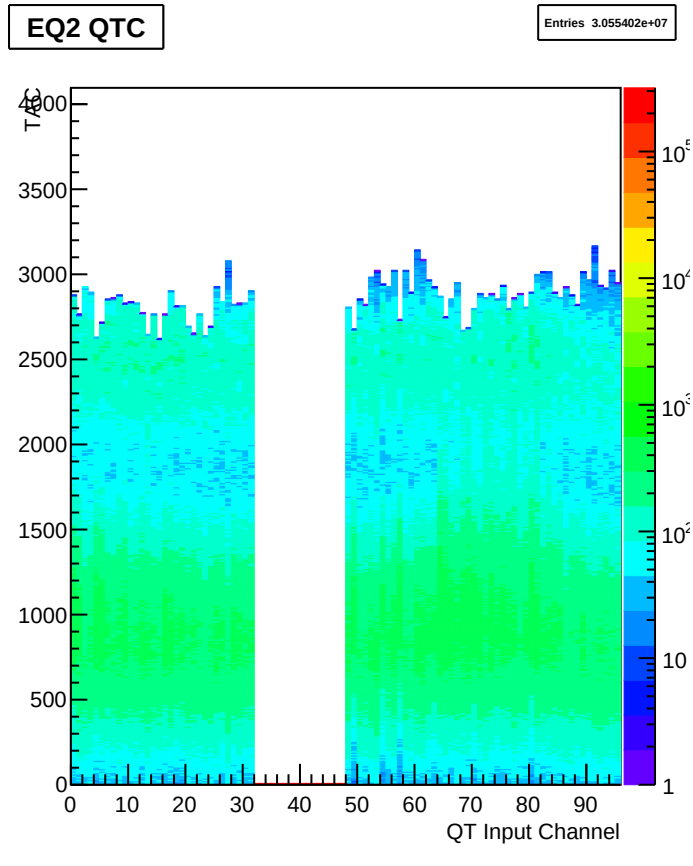

EQ1 QTC
Entries 3.055402e+07
ADC
QT Input Channel

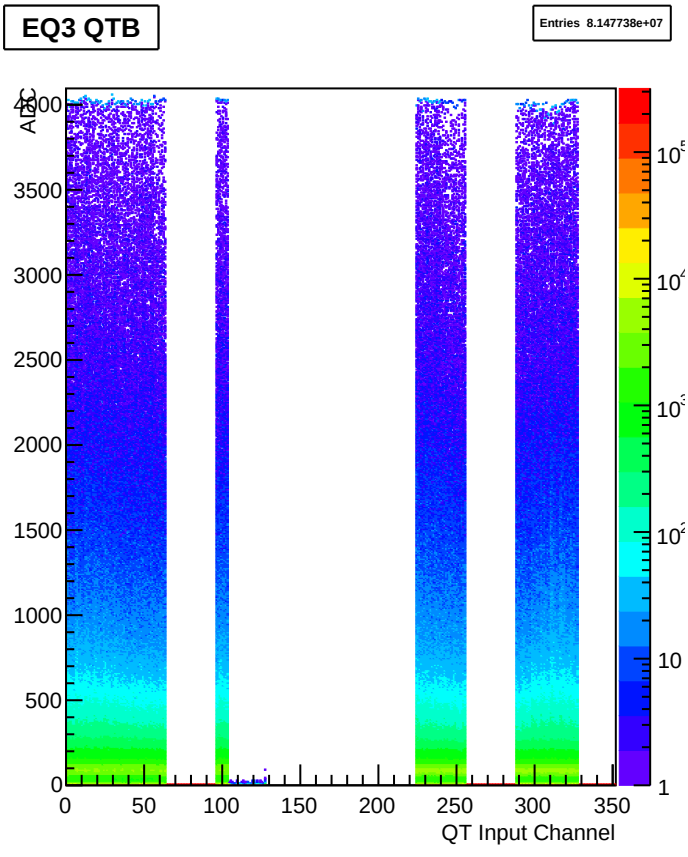

EQ1 QTC
Entries 3.055402e+07
TADC
QT Input Channel

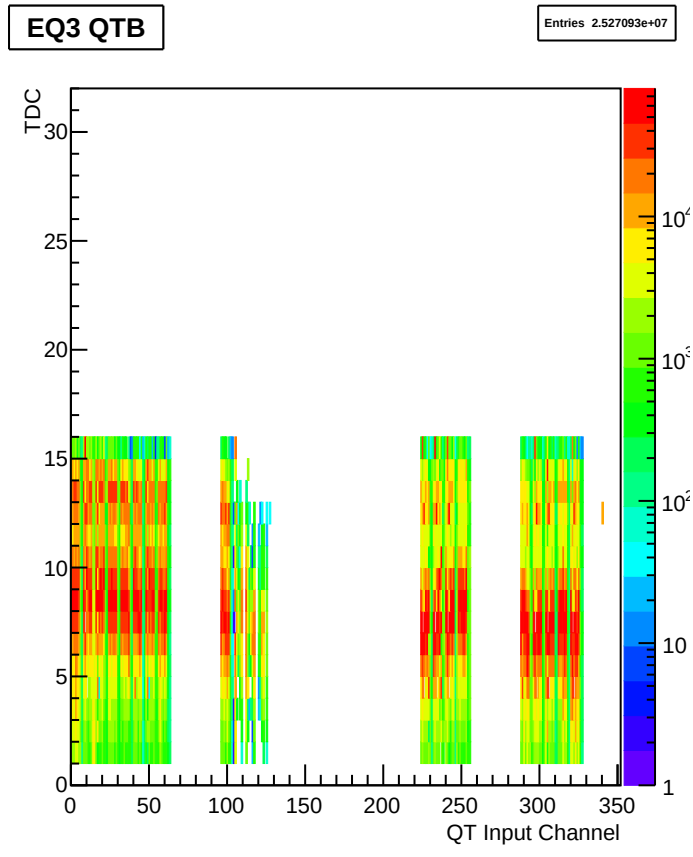

EQ2 QTB
Entries 9.166205e+07
ADC
QT Input Channel

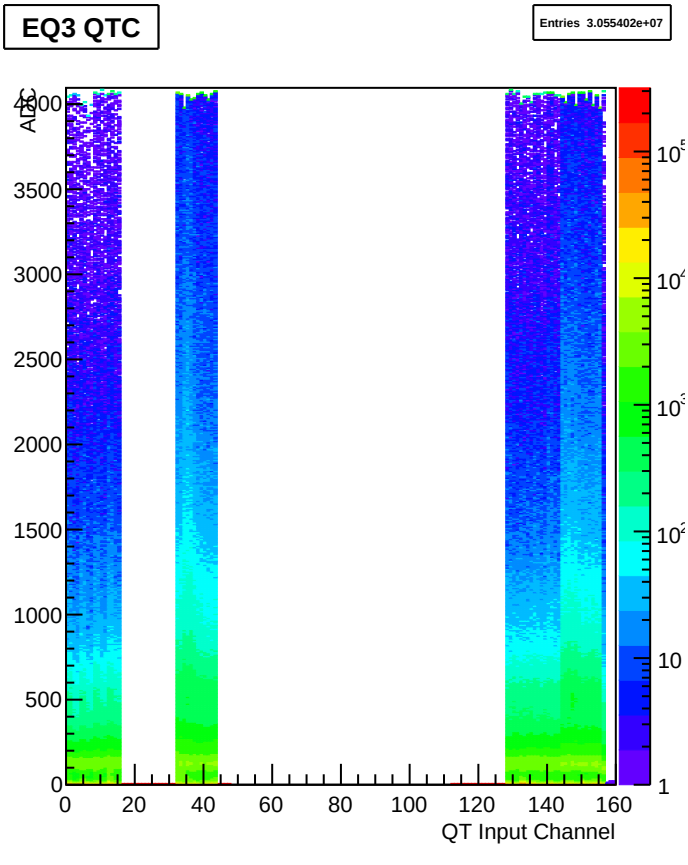

EQ2 QTB
Entries 3.131645e+07
TDC
QT Input Channel

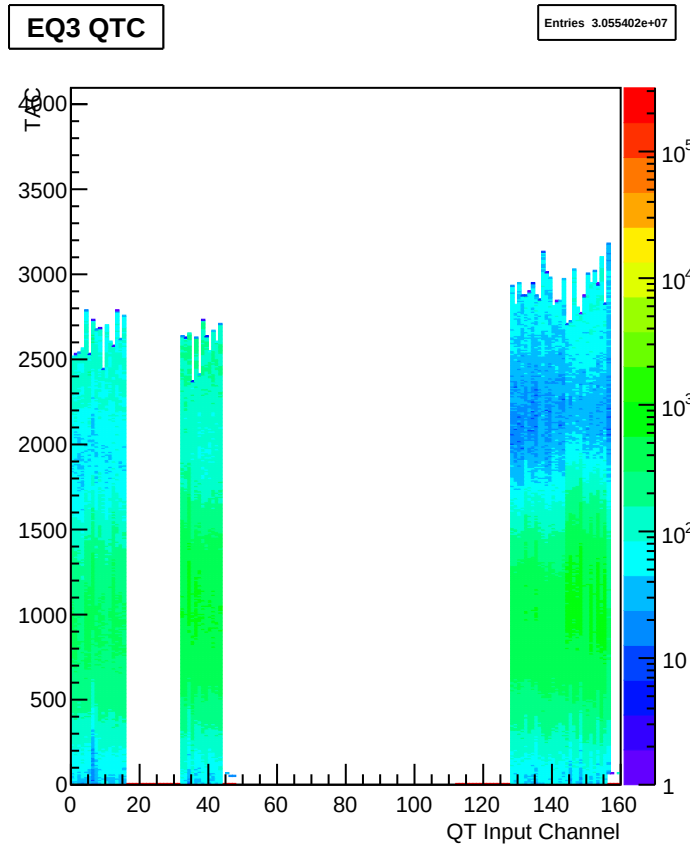

EQ2 QTC
Entries 3.055402e+07
ADC
QT Input Channel

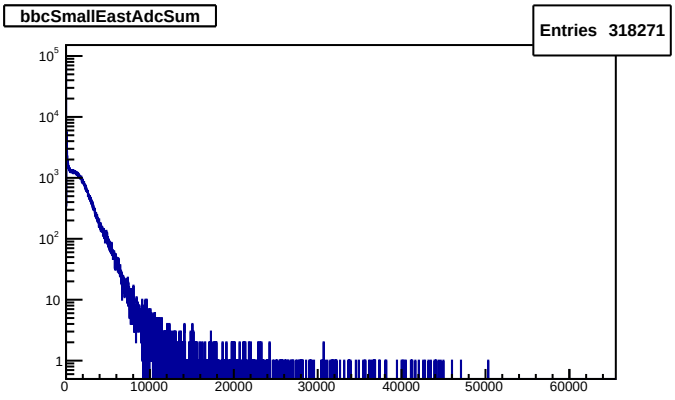

EQ2 QTC
Entries 3.055402e+07
TADC
QT Input Channel

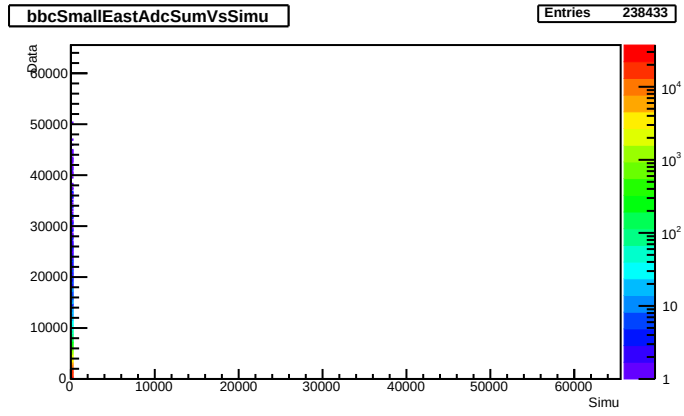

EQ3 QTB
Entries 8.147738e+07
ADC
QT Input Channel

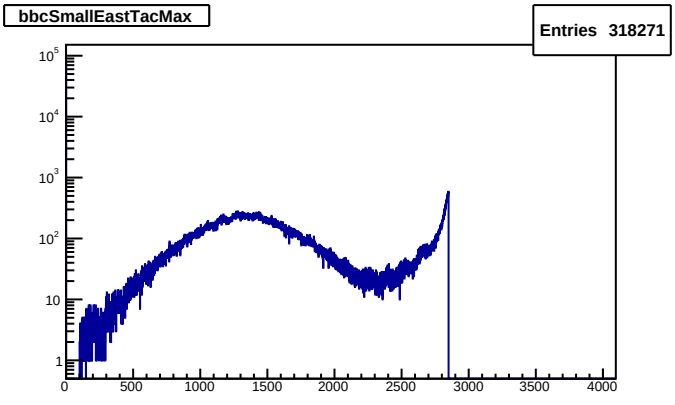

EQ3 QTB
Entries 2.527093e+07
TDC
QT Input Channel

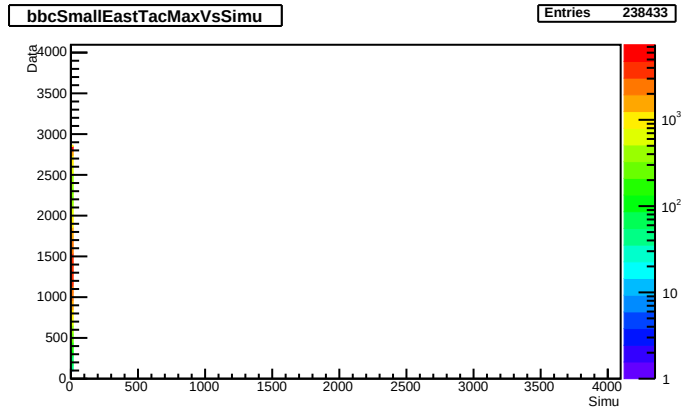

EQ3 QTC
Entries 3.055402e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.055402e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 318271


bbcSmallEastAdcSumVsSimu
Entries 238433
Data
Simu


bbcSmallEastTacMax
Entries 318271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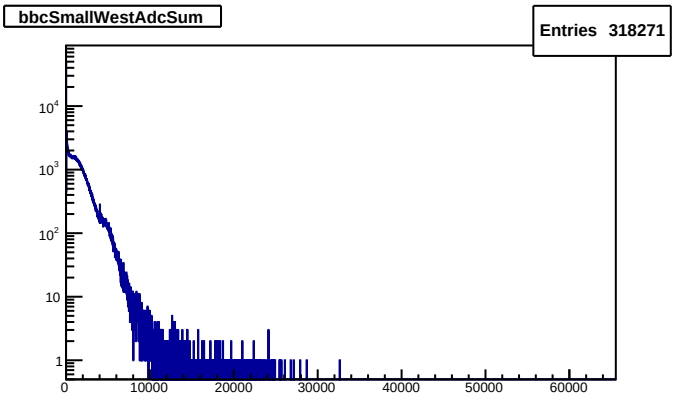
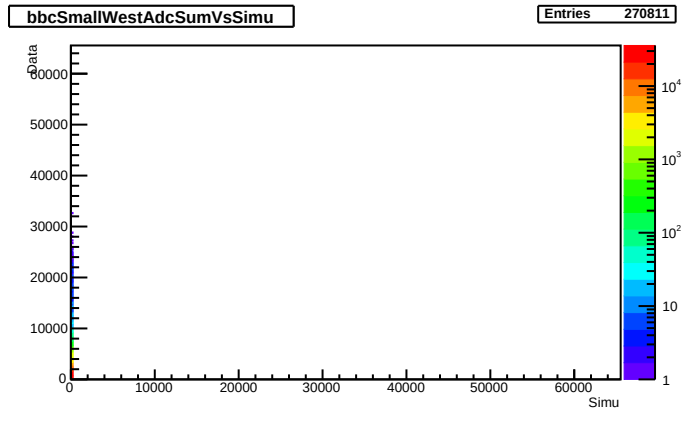
Entries 238433
Data
Simu


bbcSmallWestAdcSum
Entries 318271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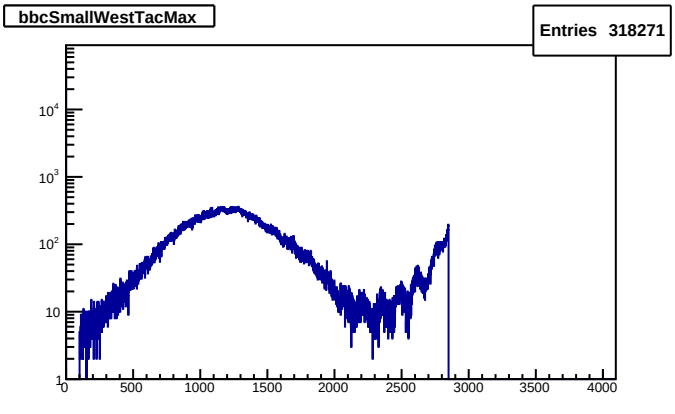
Entries 270811
Data
Simu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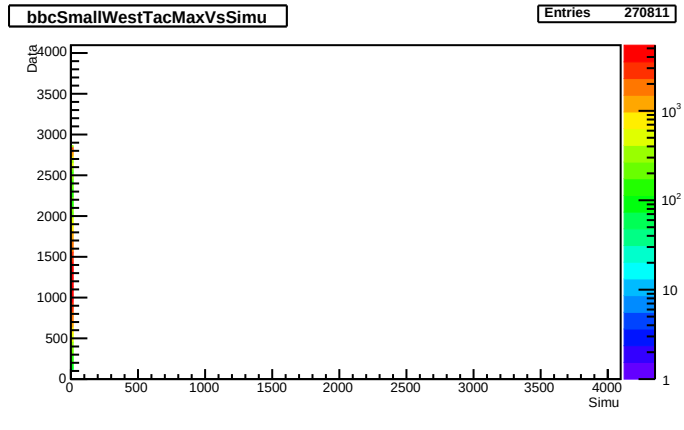
Entries 318271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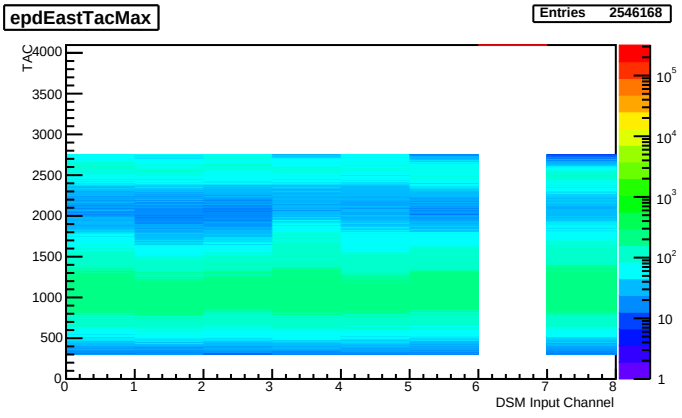
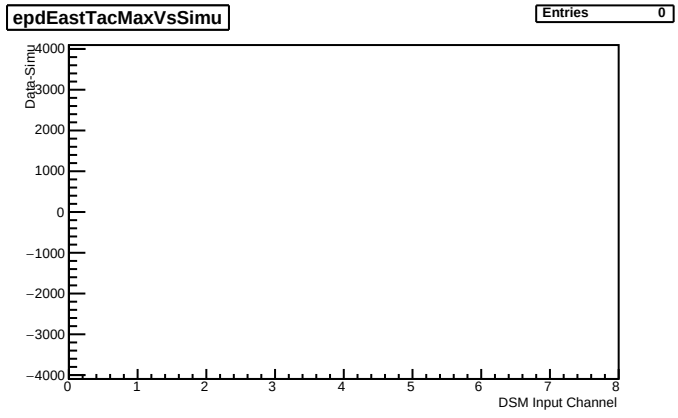
Entries 270811
Data
Simu


epdEastTacMax
Entries 2546168
TAC
DSM Input Channel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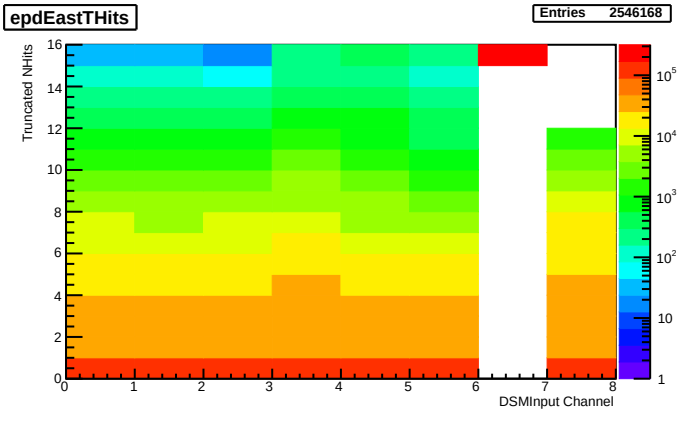
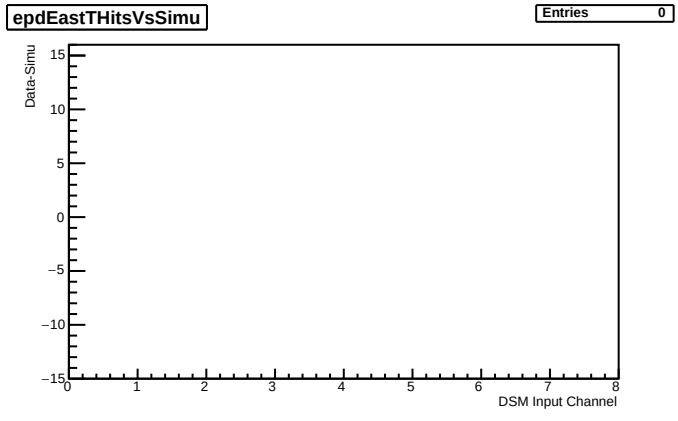
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2546168
Truncated NHits
DSMInput Channel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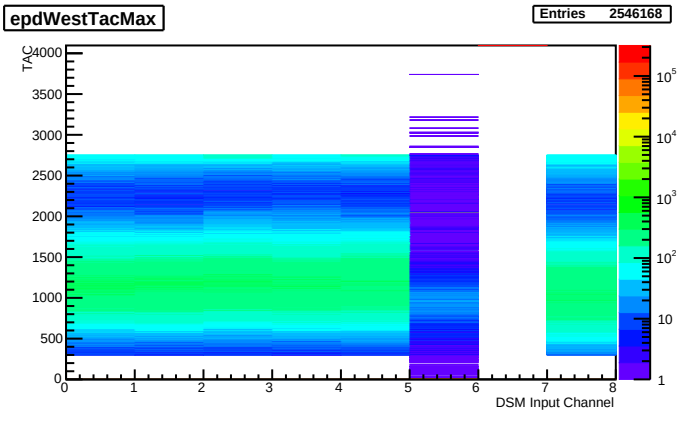
Data-Simu
DSM Input Channel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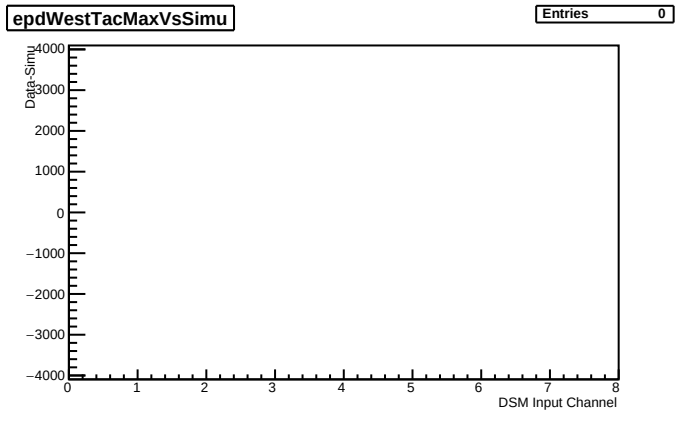
Entries 2546168
TAC
DSM Input Channel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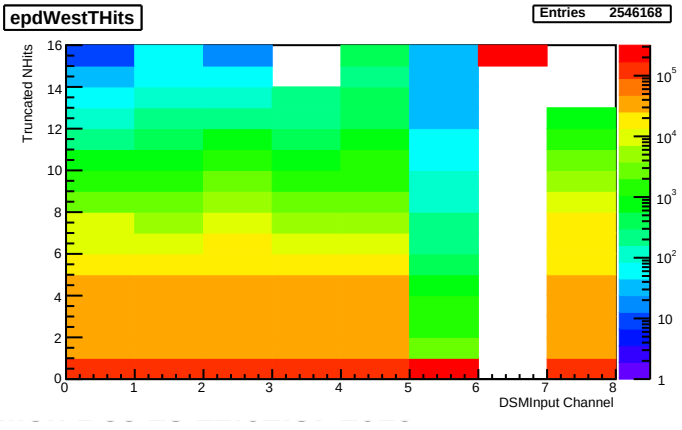
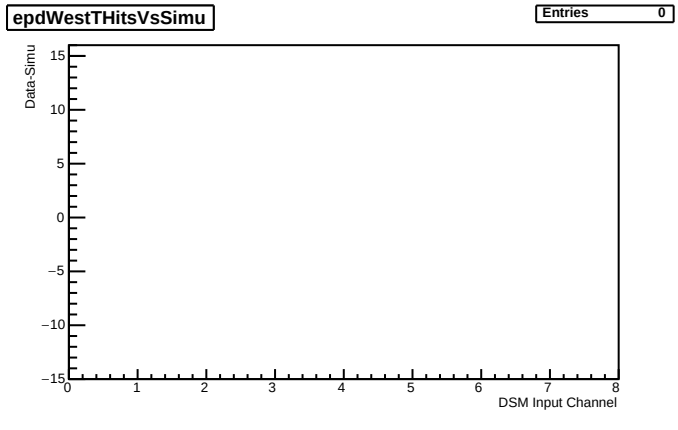
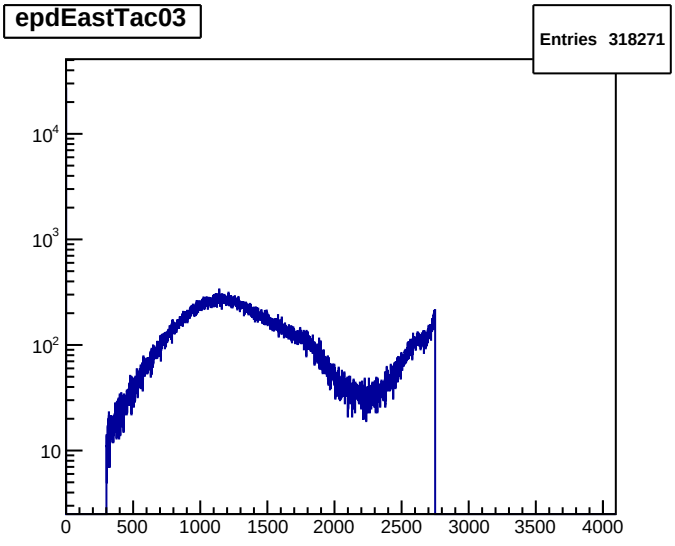
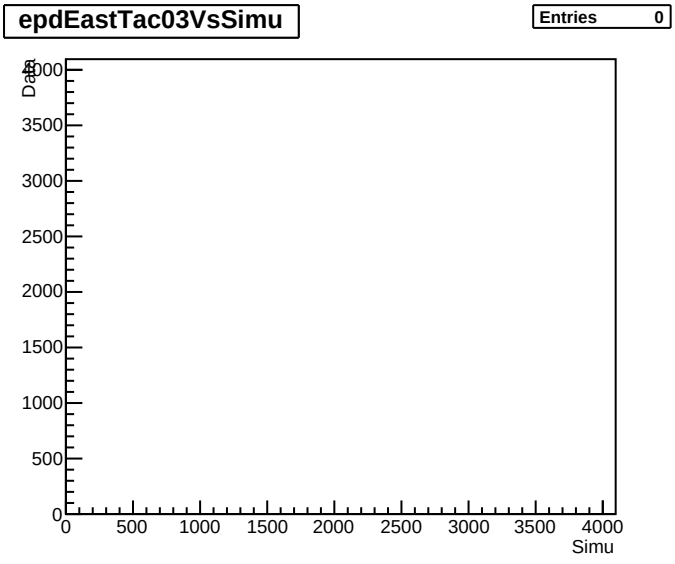
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2546168
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 318271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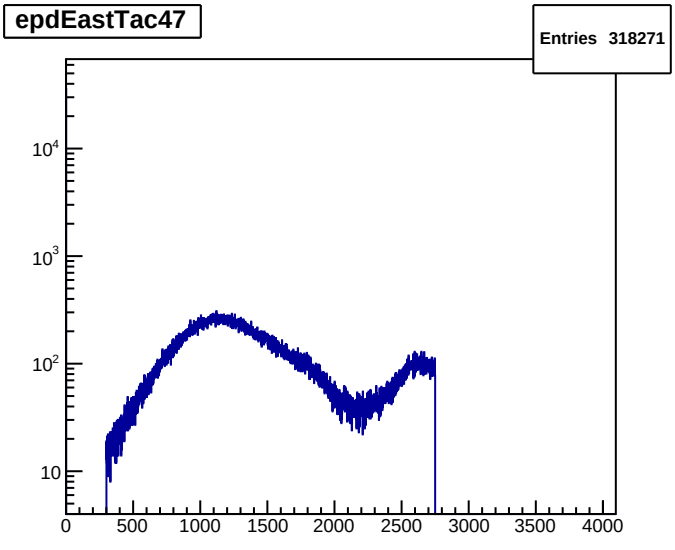
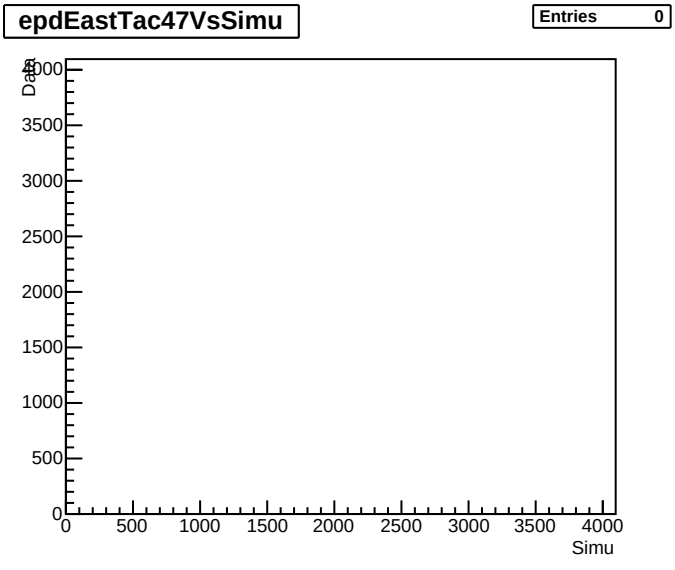
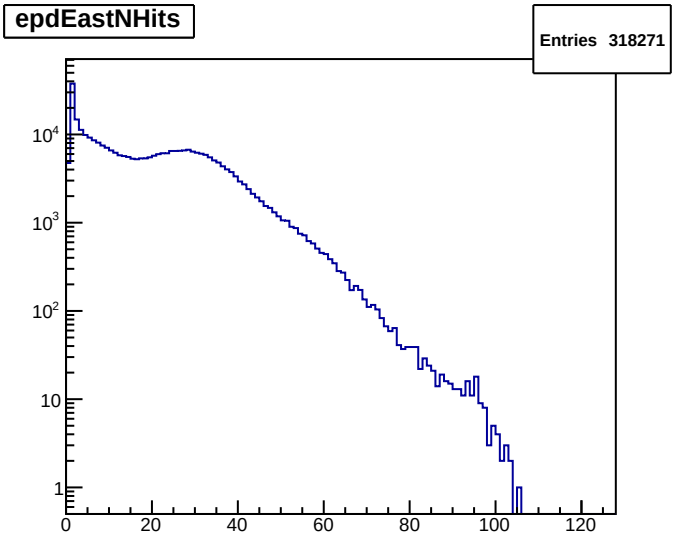
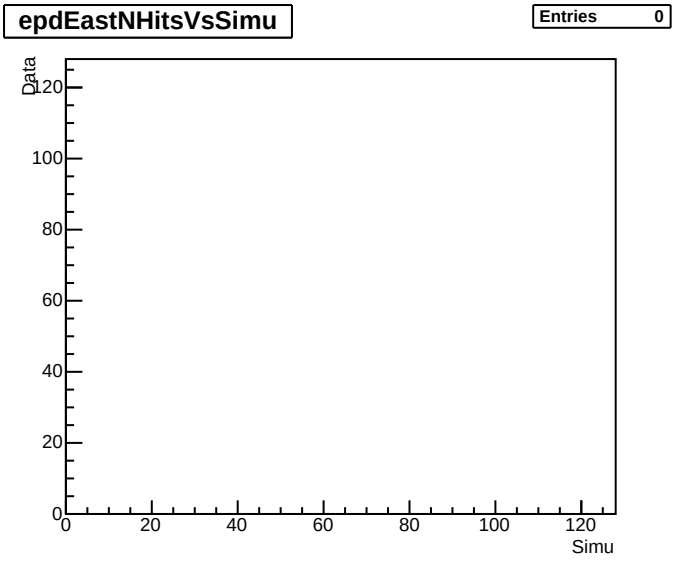
Entries 0
Data
Simu


epdEastTac47
Entries 318271


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 318271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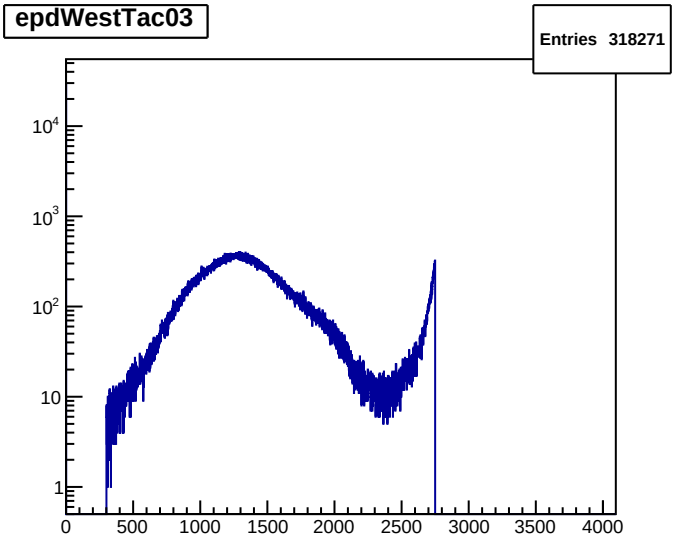
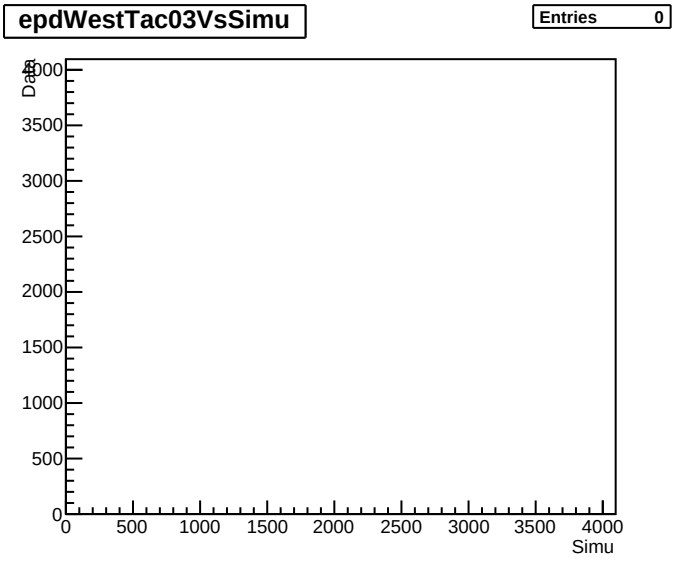
Entries 0
Data
Simu


epdWestTac03
Entries 318271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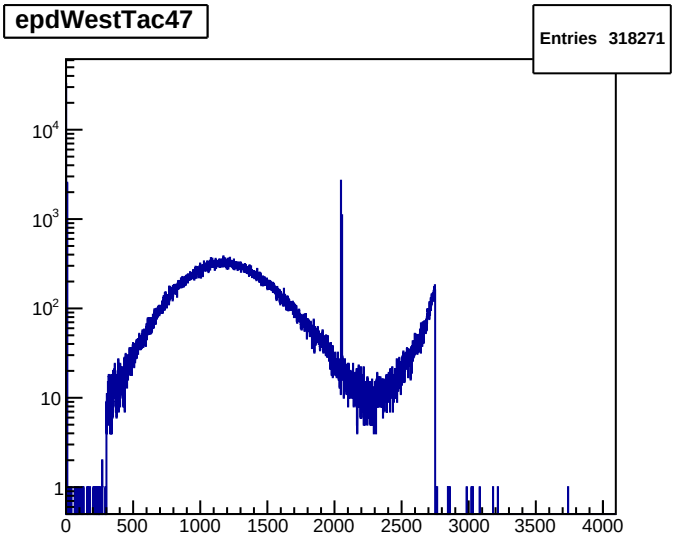
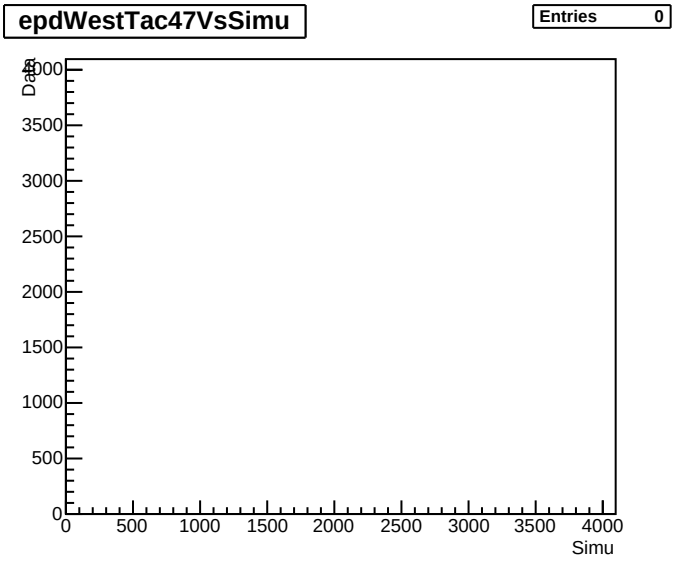
Entries 0
Data
Simu


epdWestTac47
Entries 318271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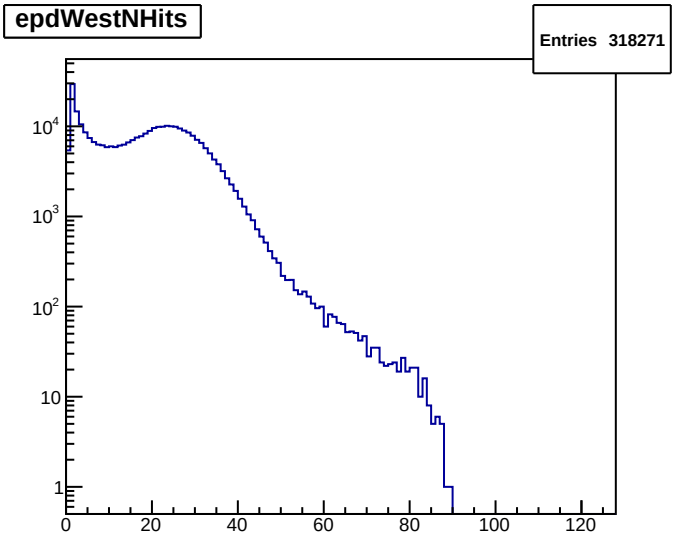
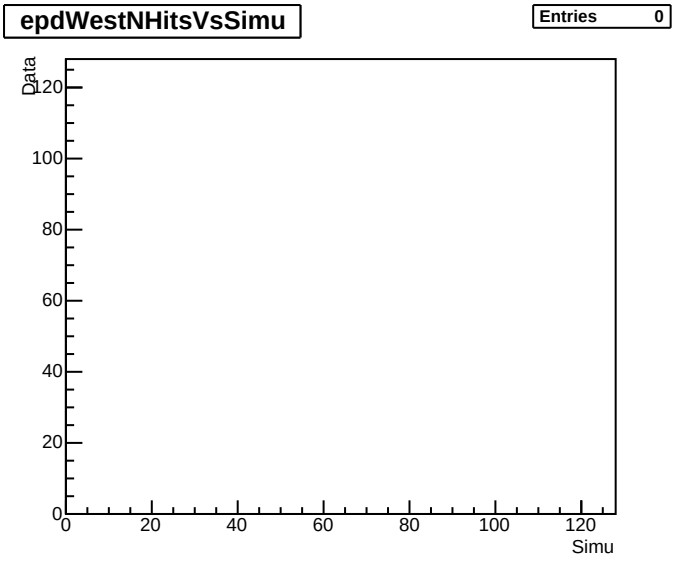
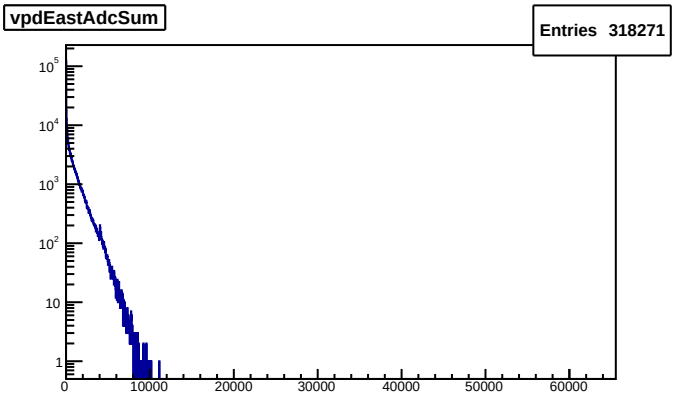
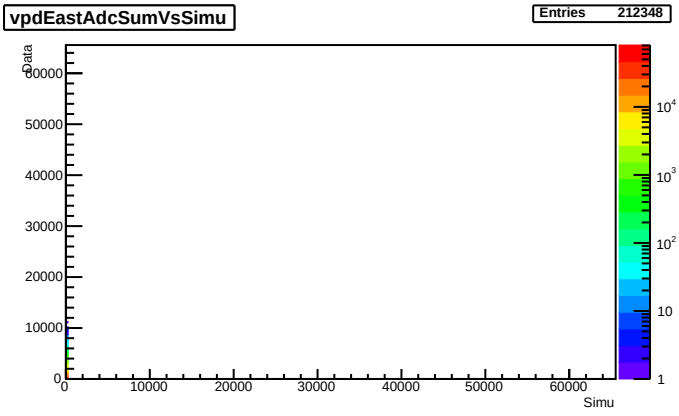
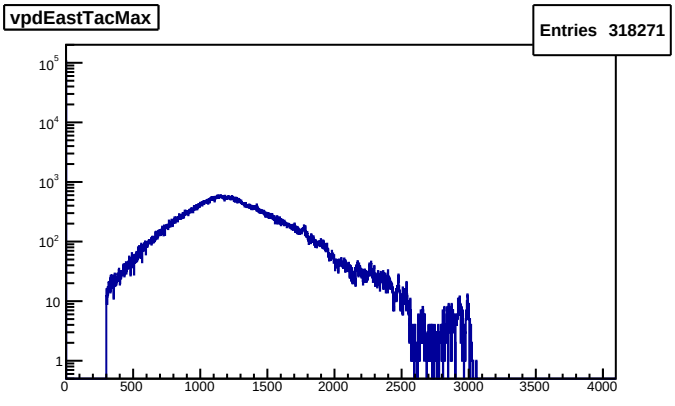
Entries 0
Data
Simu

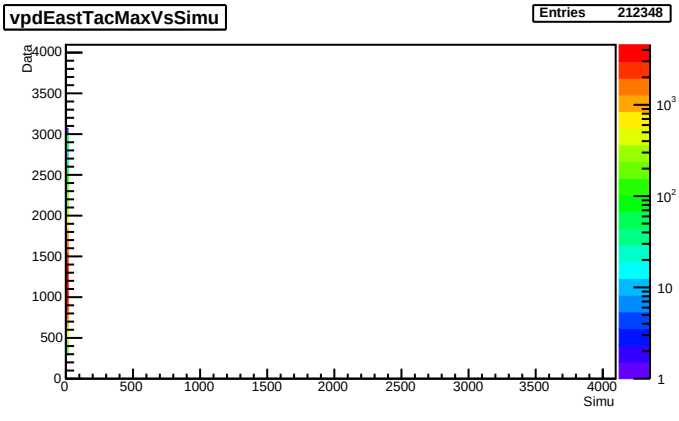

epdWestNHits
Entries 318271

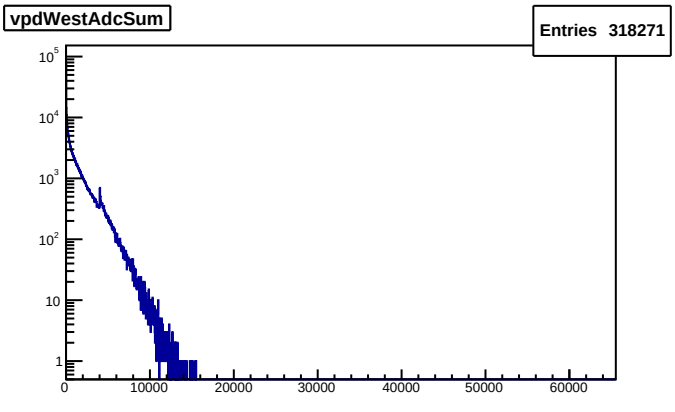

epdWestNHitsVsSimu
Entries 0
Data
Simu

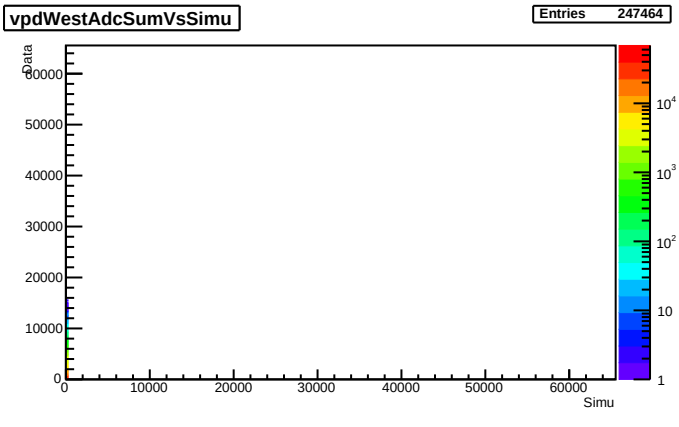

vpdEastAdcSum
Entries 318271

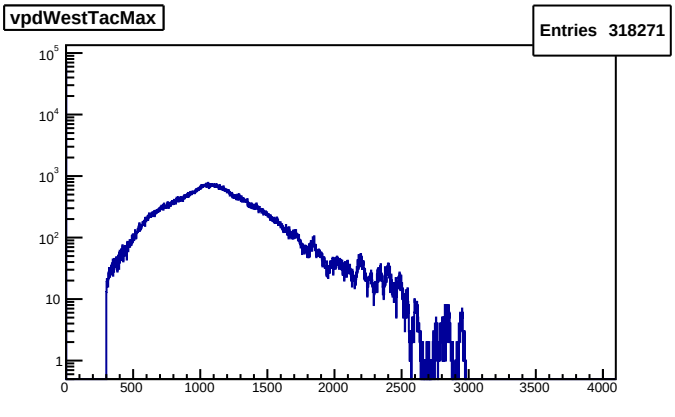

vpdEastAdcSumVsSimu
Entries 212348
Data
Simu

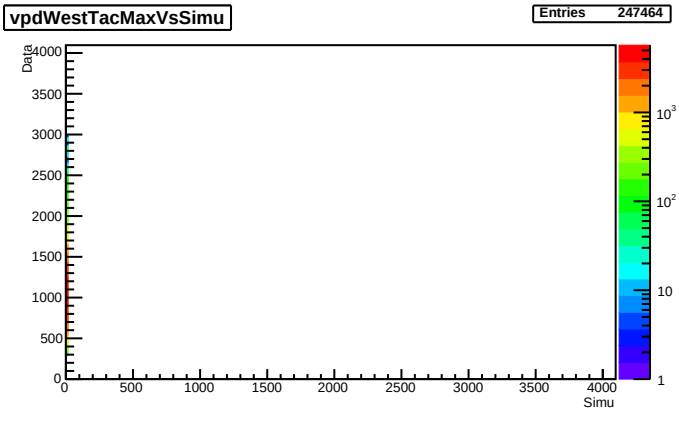

vpdEastTacMax
Entries 318271

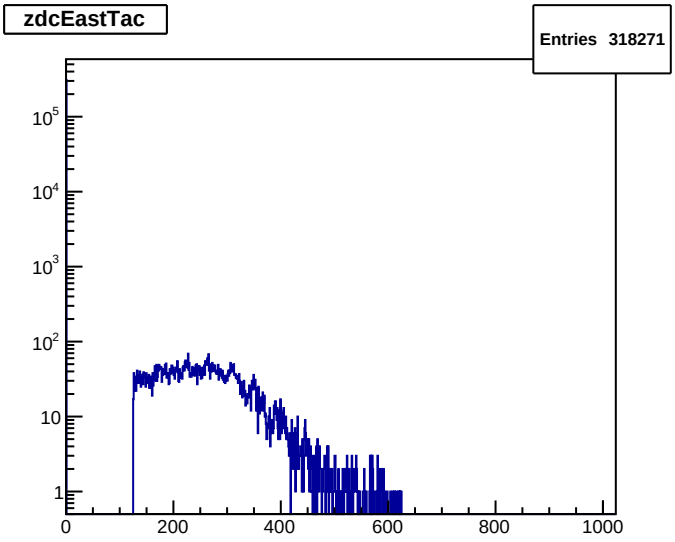

vpdEastTacMaxVsSimu
Entries 212348
Data
Simu

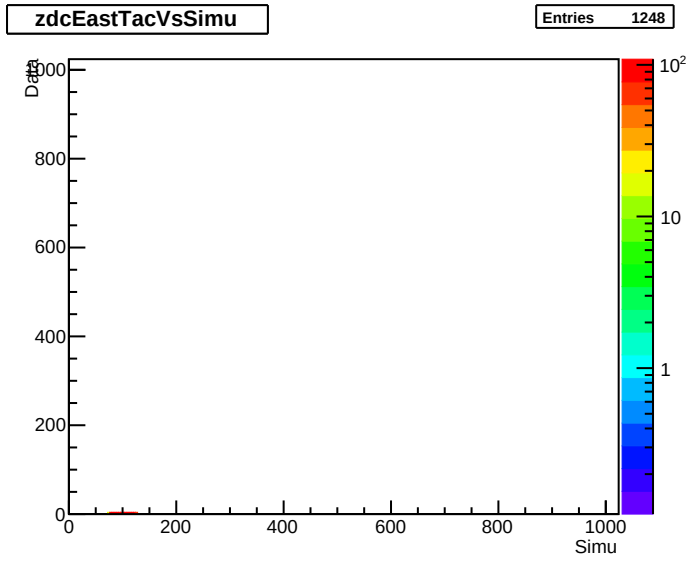

vpdWestAdcSum
Entries 318271

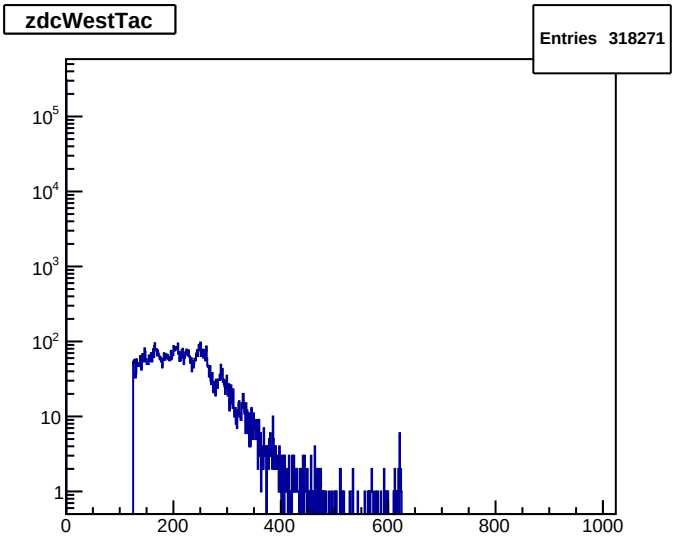

vpdWestAdcSumVsSimu
Entries 247464
Data
Simu

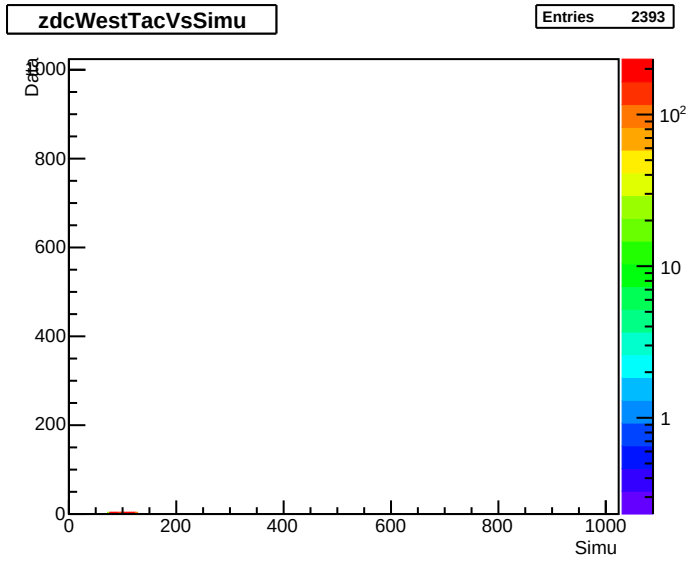

vpdWestTacMax
Entries 318271

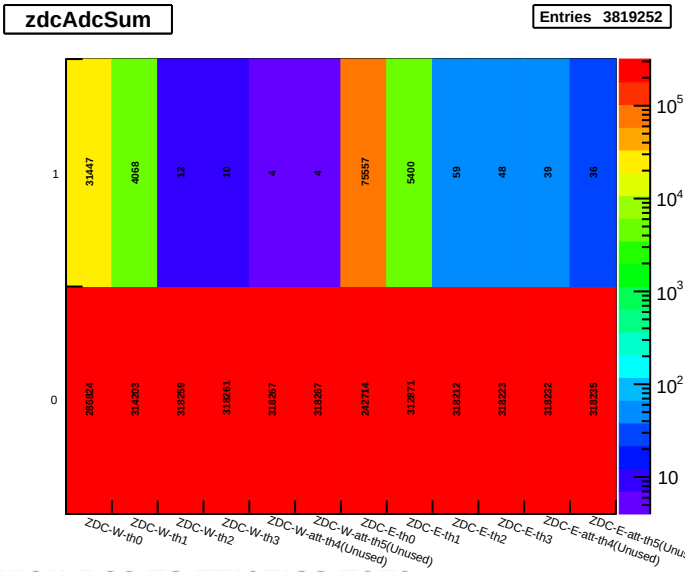

vpdWestTacMaxVsSimu
Entries 247464
Data
Simu

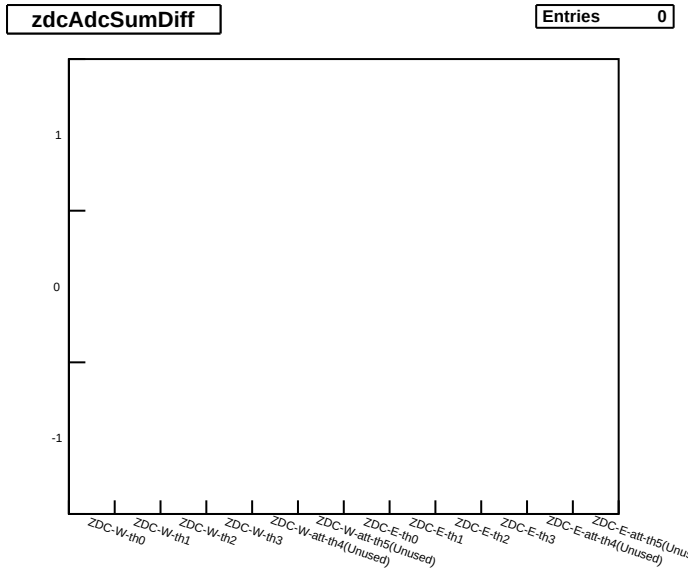

zdcEastTac
Entries 318271

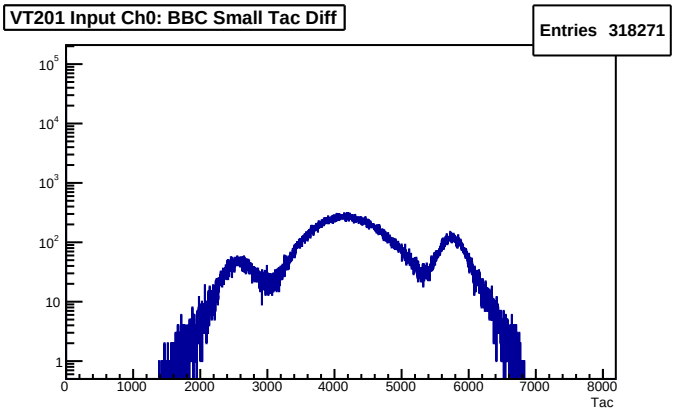

zdcEastTacVsSimu
Entries 1248
Data
Simu

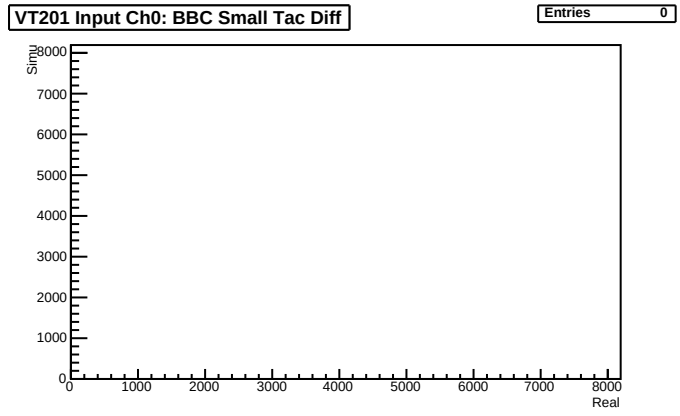

zdcWestTac
Entries 318271

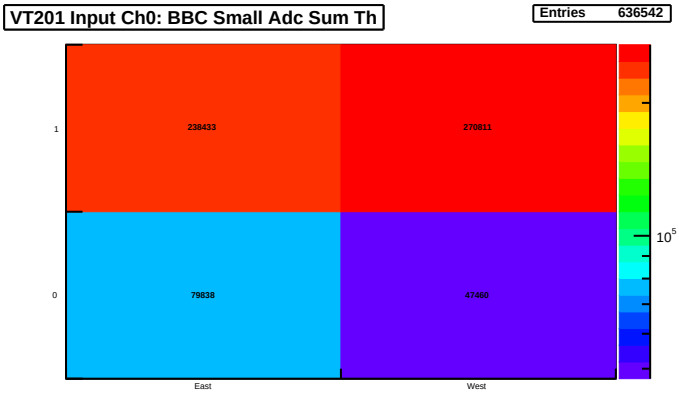

zdcWestTacVsSimu
Entries 2393
Data
Simu

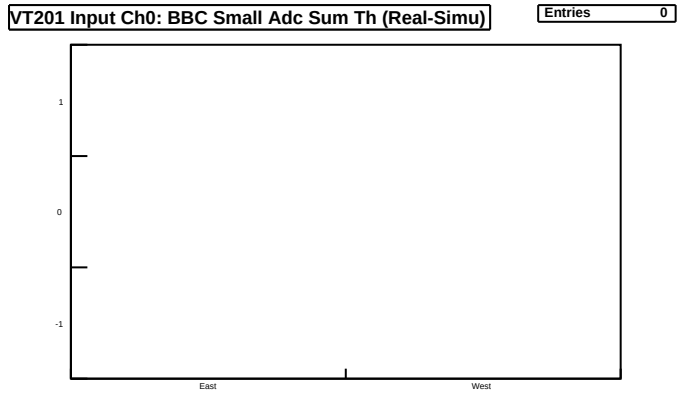

zdcAdcSum
Entries 3819252
31447
4068
12
10
4
4
75557
5400
59
48
39
36
286824
314203
318259
318261
318267
318267
242714
312871
318212
318223
318232
318235
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

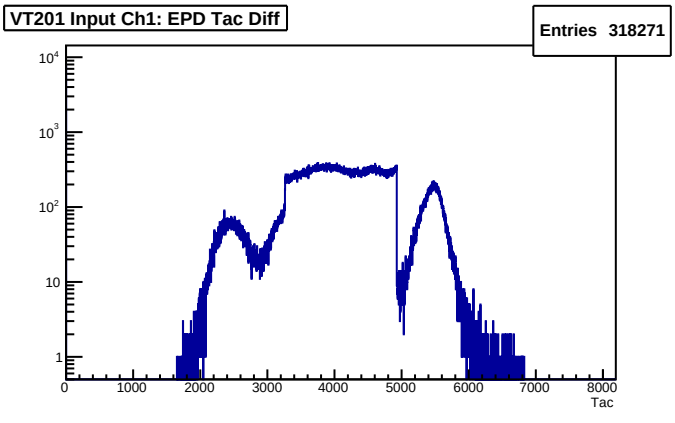

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

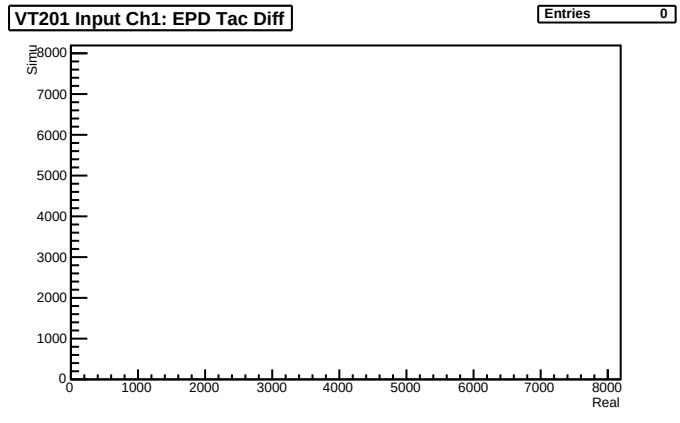

VT201 Input Ch0: BBC Small Tac Diff
Entries 318271
Tac

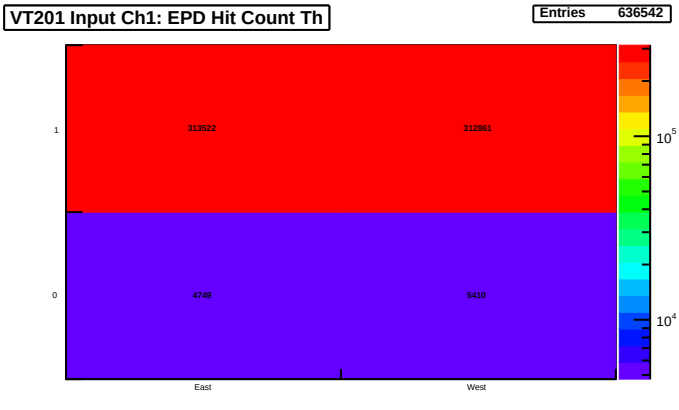

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

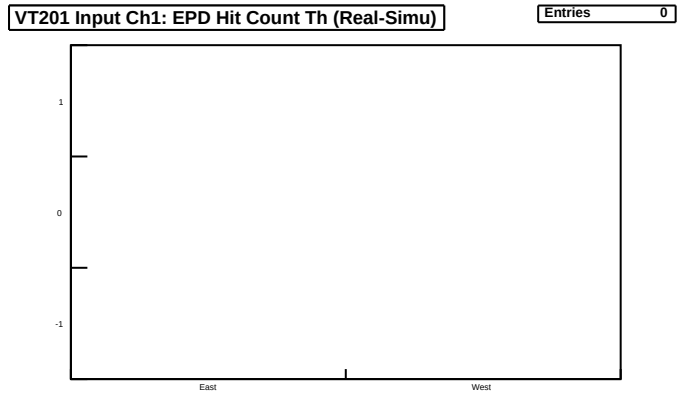

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 636542
238433
270811
79838
47460
East
West

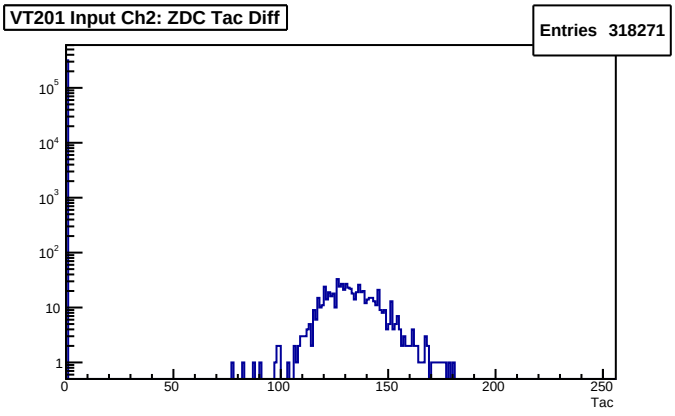

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

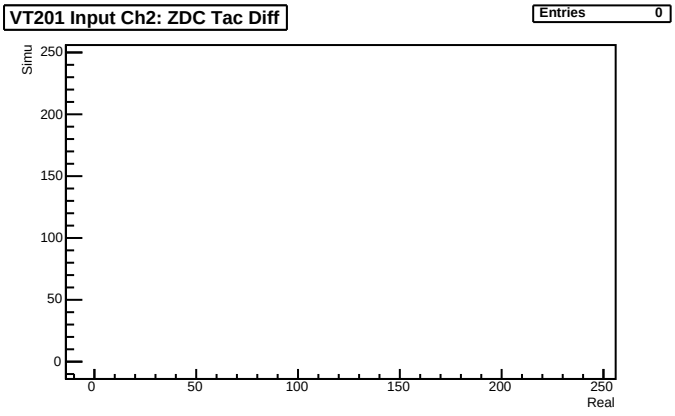

VT201 Input Ch1: EPD Tac Diff
Entries 318271
Tac

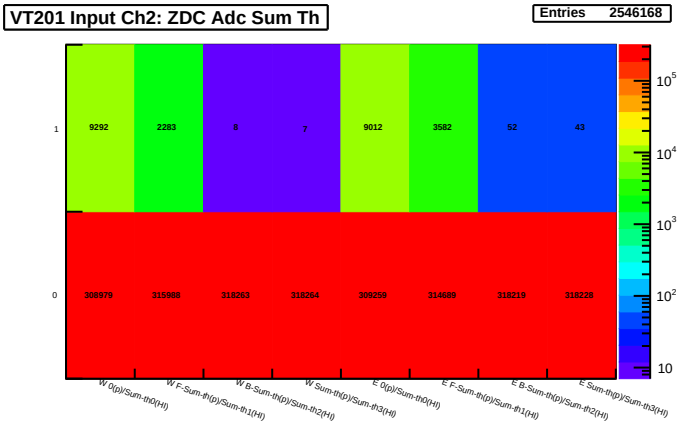

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

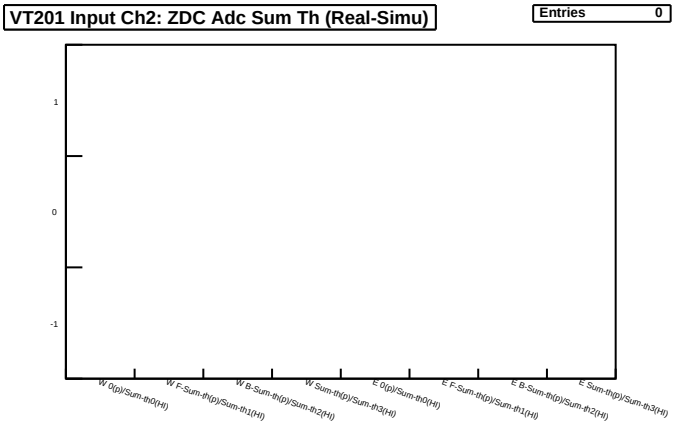

VT201 Input Ch1: EPD Hit Count Th
Entries 636542
313522
312861
4749
5410
East
West

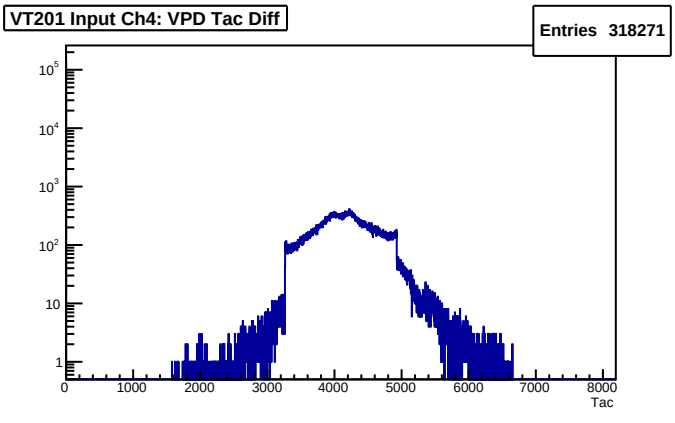

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

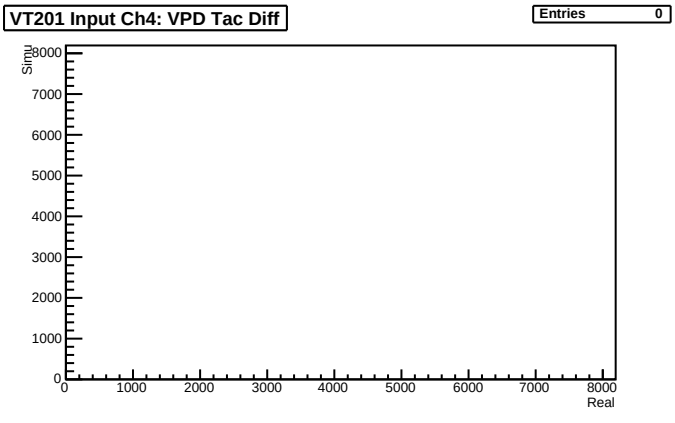

VT201 Input Ch2: ZDC Tac Diff
Entries 318271
Tac

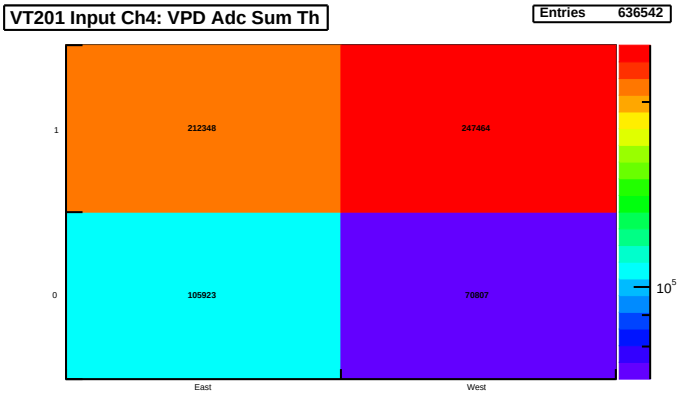

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

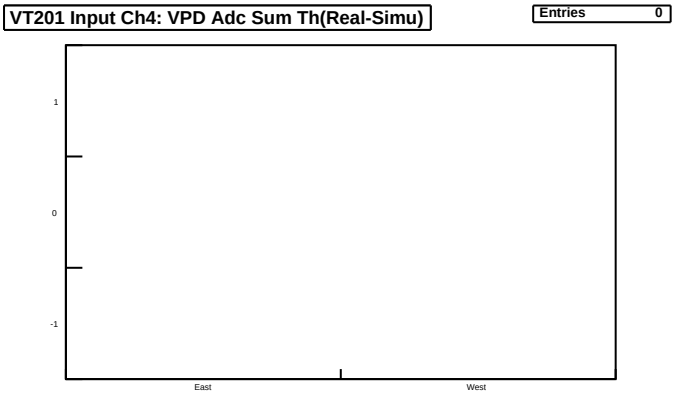

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2546168
9292
2283
8
7
9012
3582
52
43
308979
315988
318263
318264
309259
314689
318219
318228
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

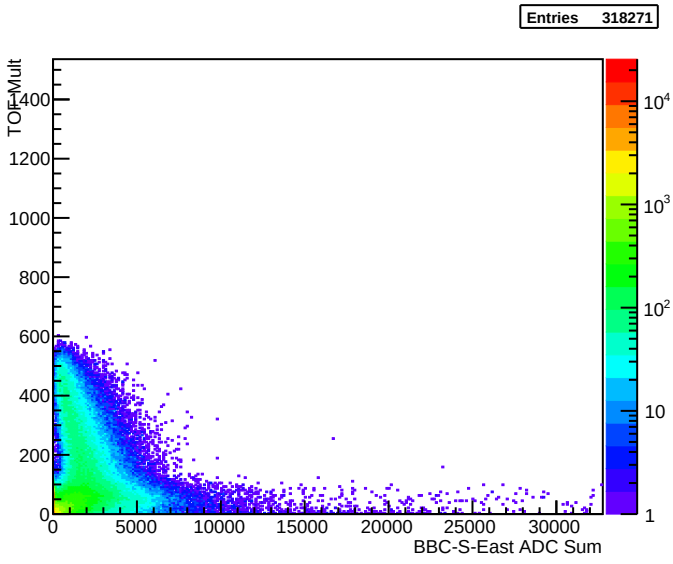

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

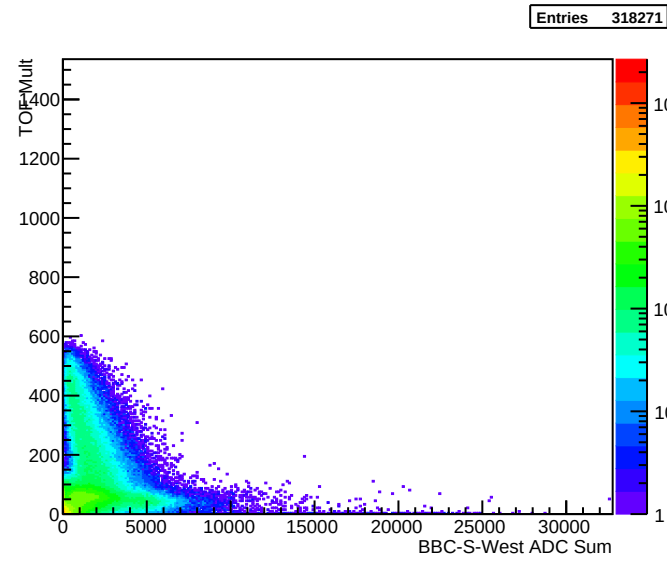

VT201 Input Ch4: VPD Tac Diff
Entries 318271
Tac

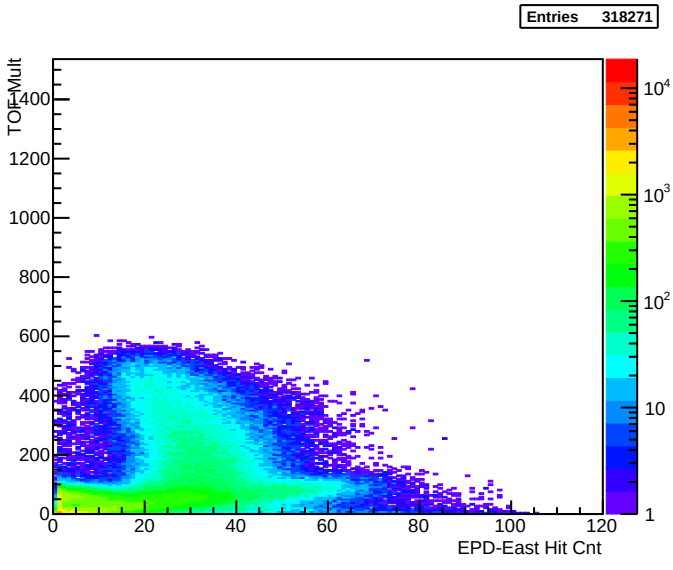

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

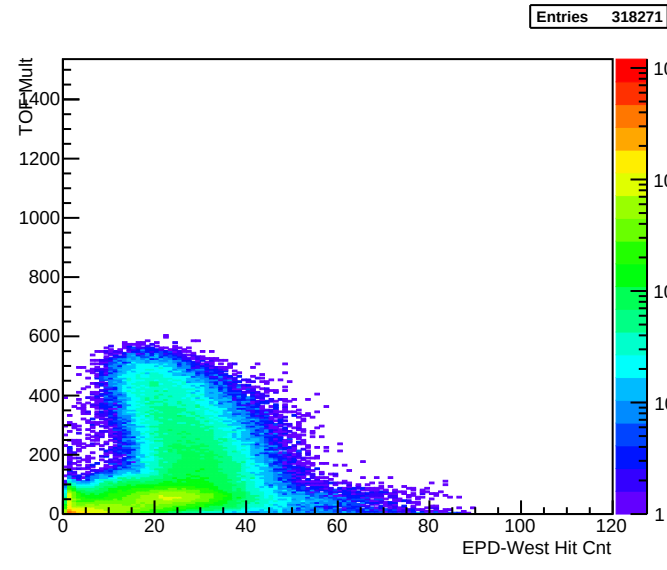

VT201 Input Ch4: VPD Adc Sum Th
Entries 636542
212348
247464
105923
70807
East
West

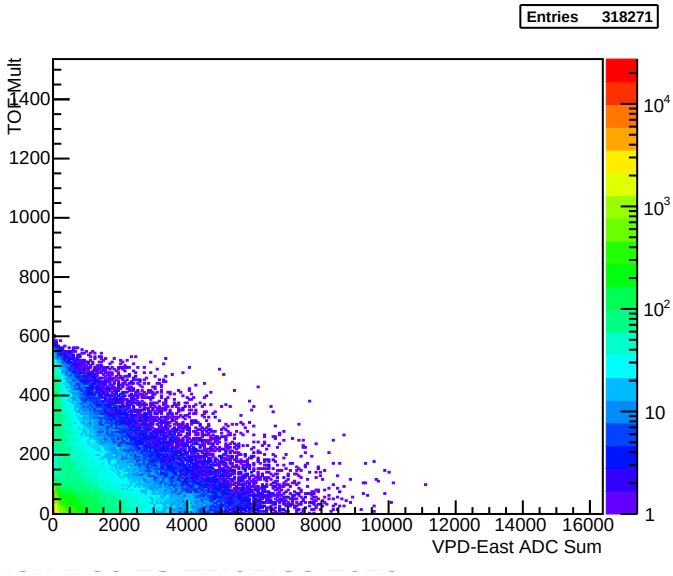

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

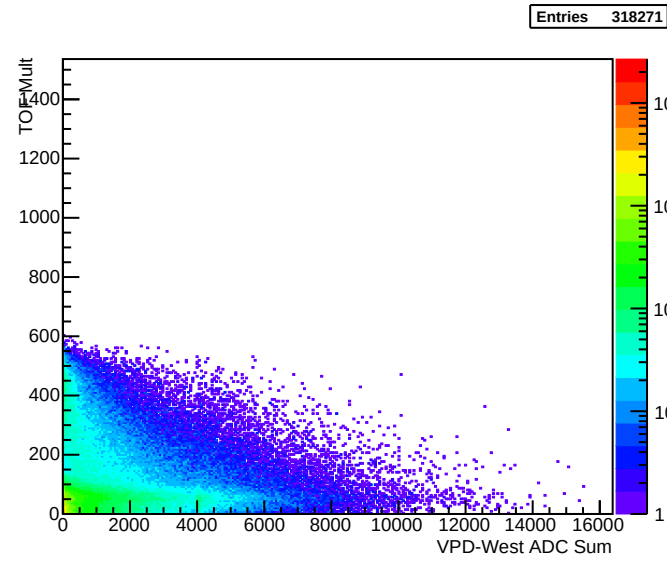

Entries 318271
TOF-Mult
BBC-S-East ADC Sum

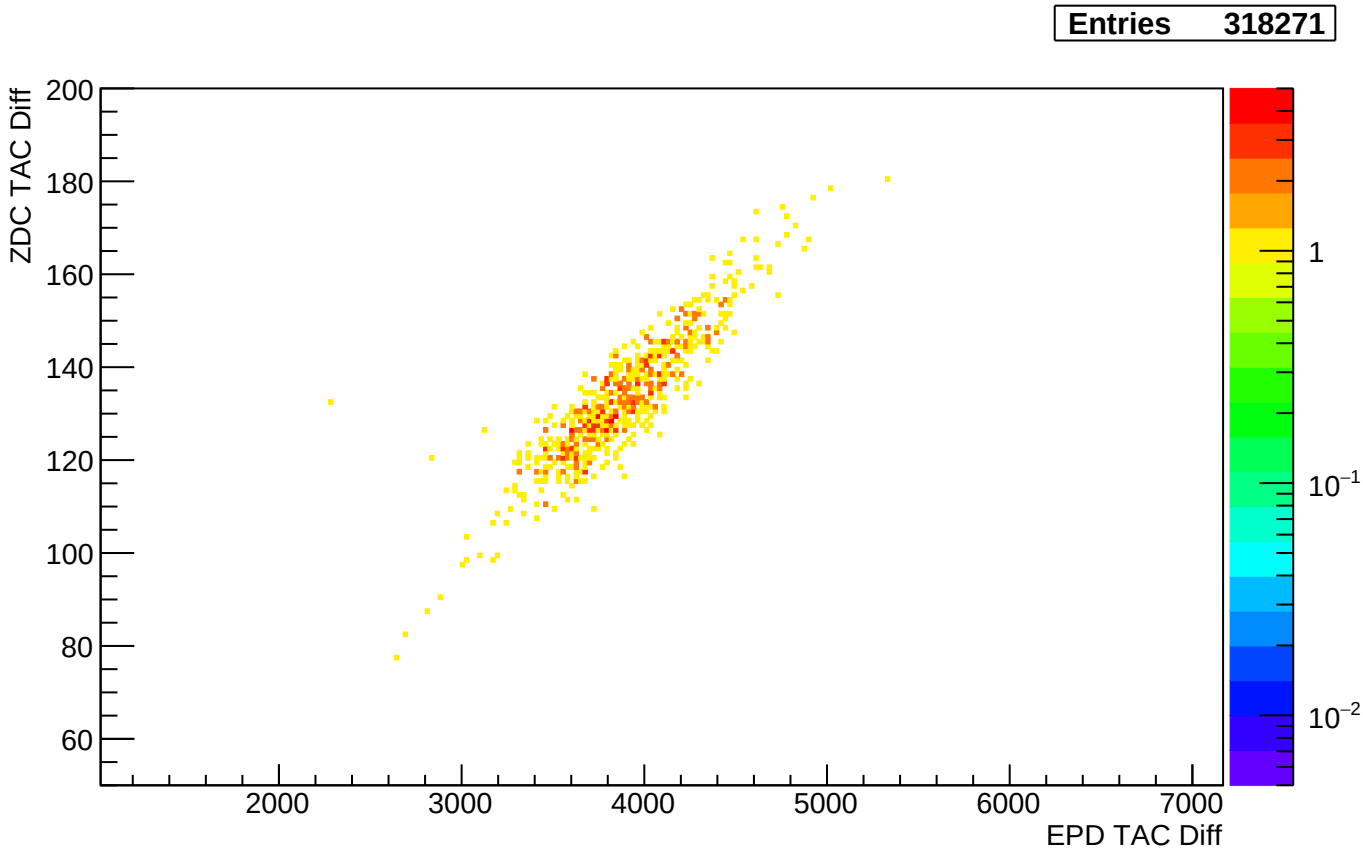

Entries 318271
TOF-Mult
BBC-S-West ADC Sum

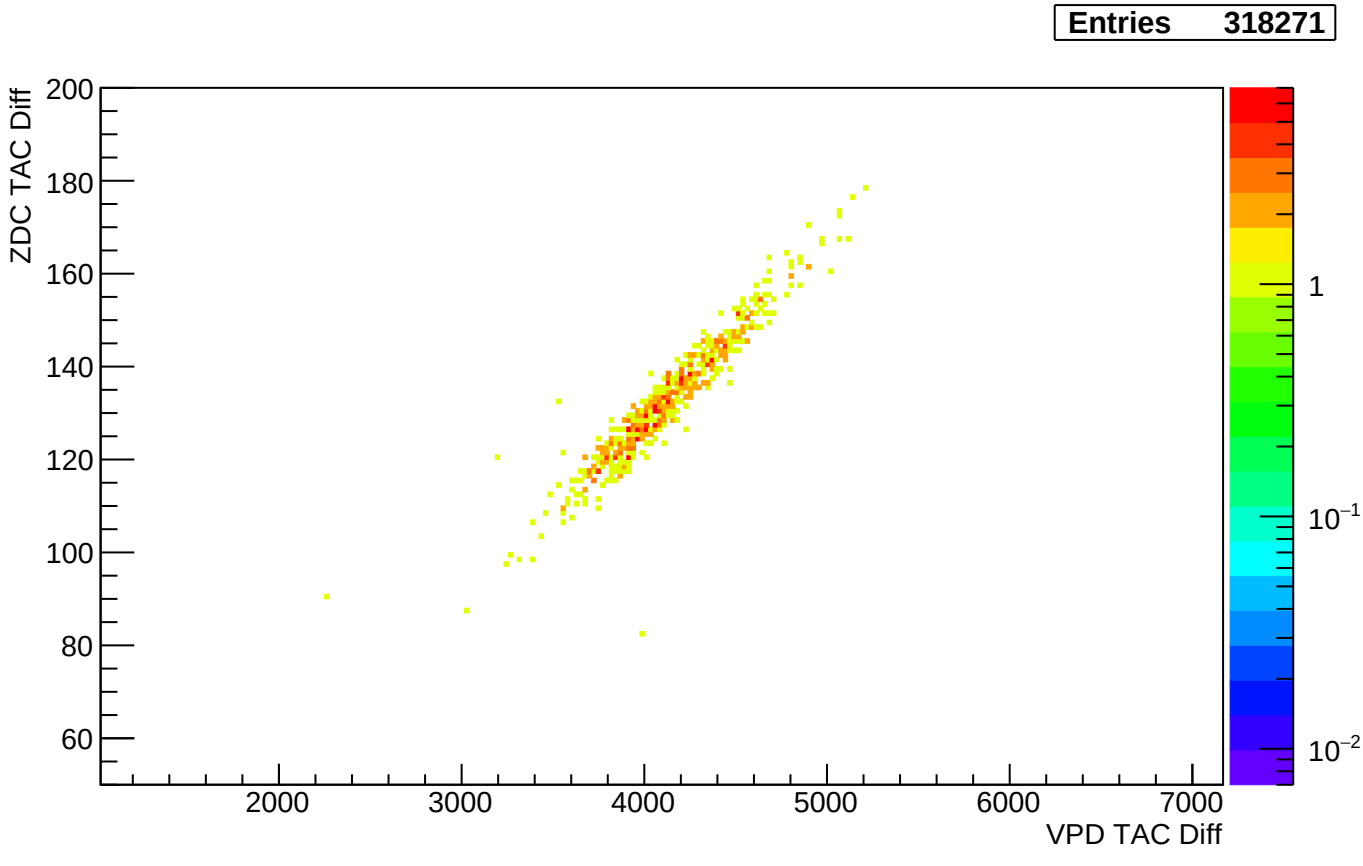

Entries 318271
TOF-Mult
EPD-East Hit Cnt

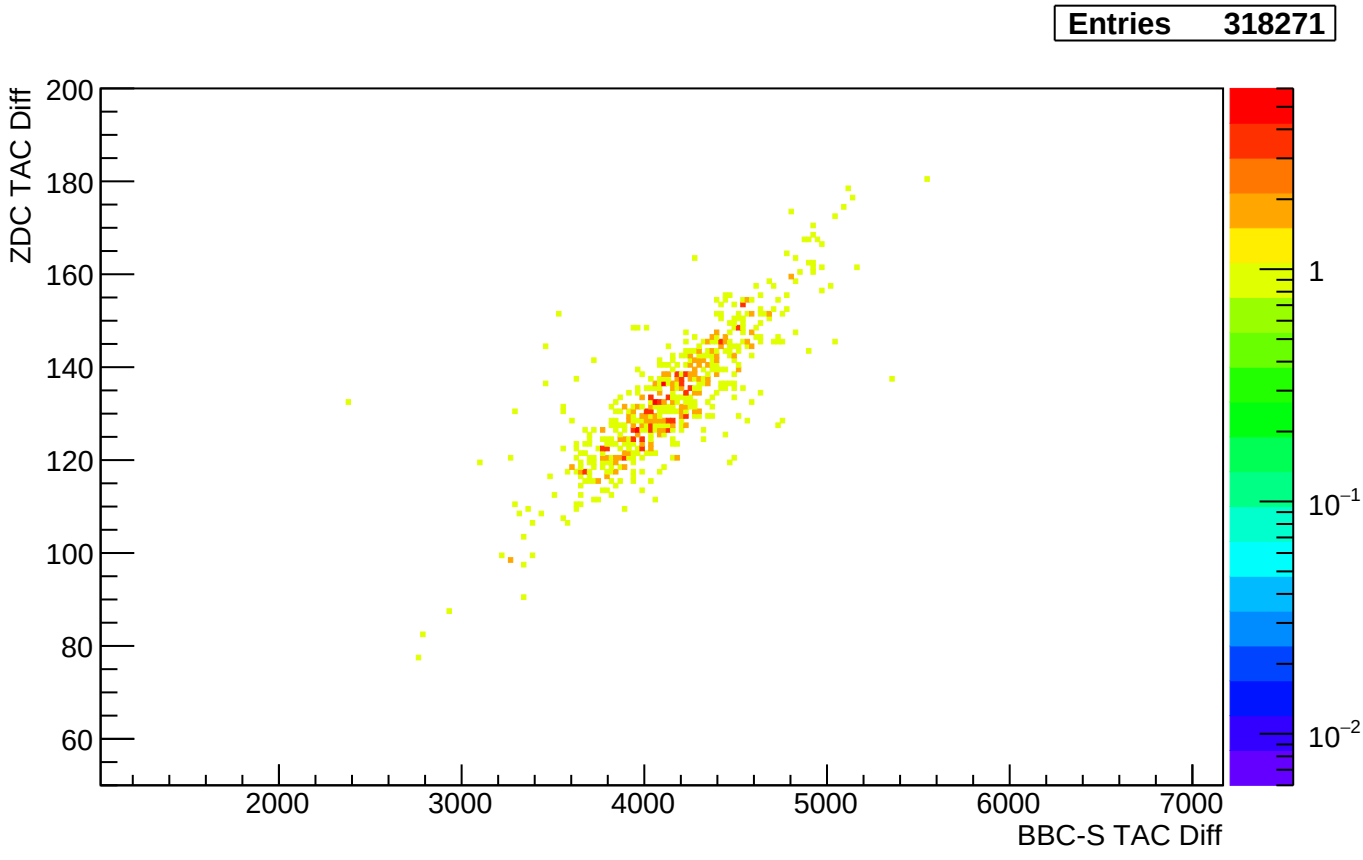

Entries 318271
TOF-Mult
EPD-West Hit Cnt

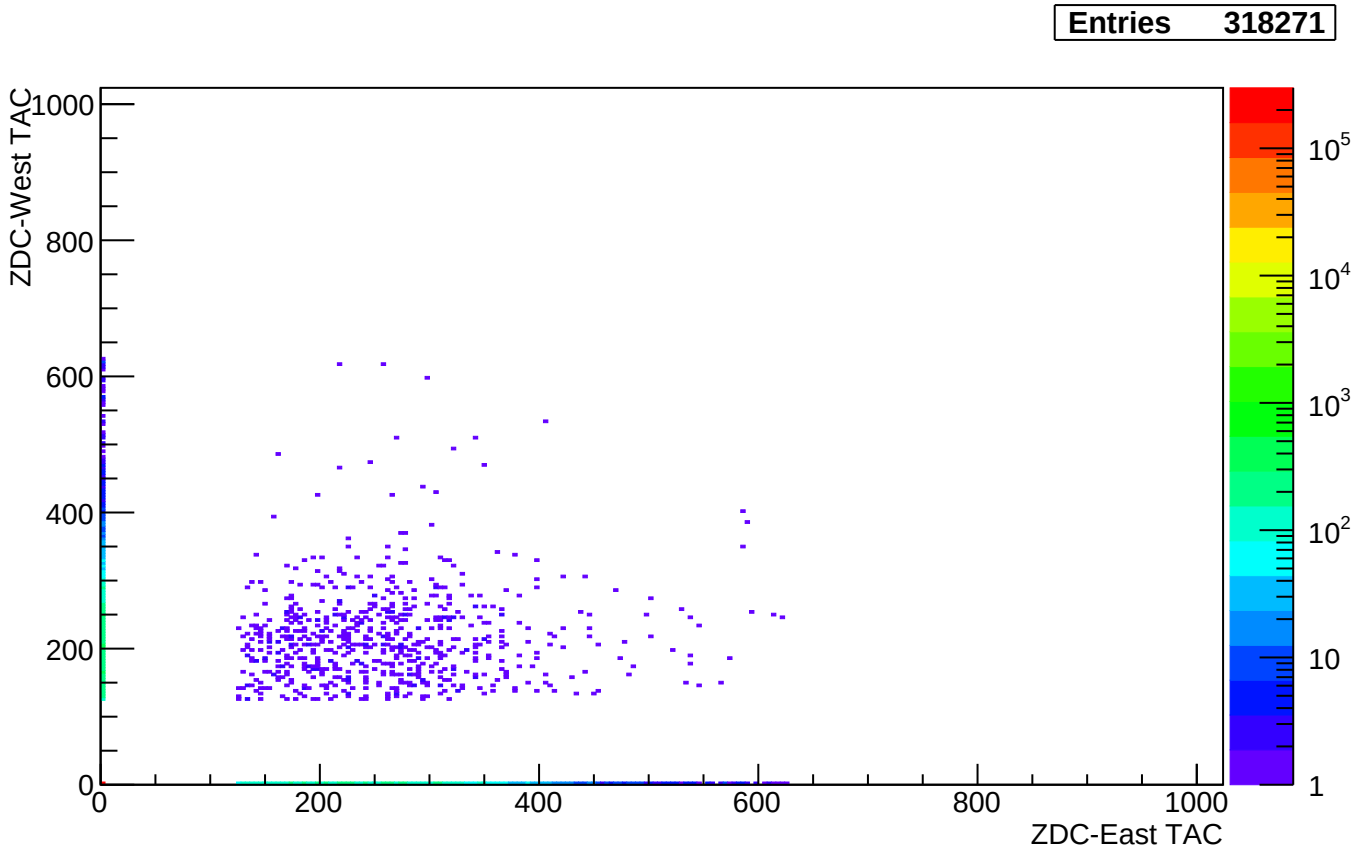

Entries 318271
TOF-Mult
VPD-East ADC Sum

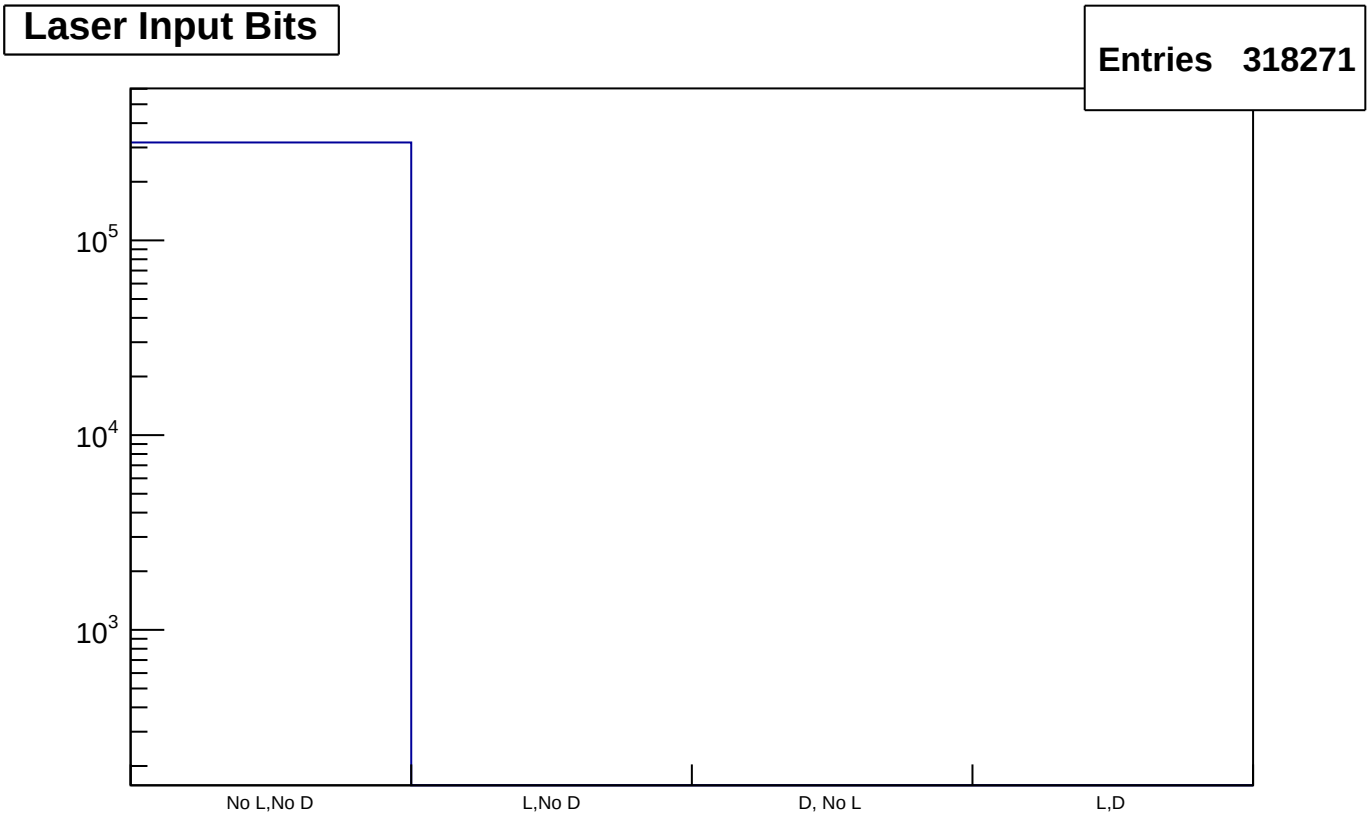

Entries 318271
TOF-Mult
VPD-West ADC Sum

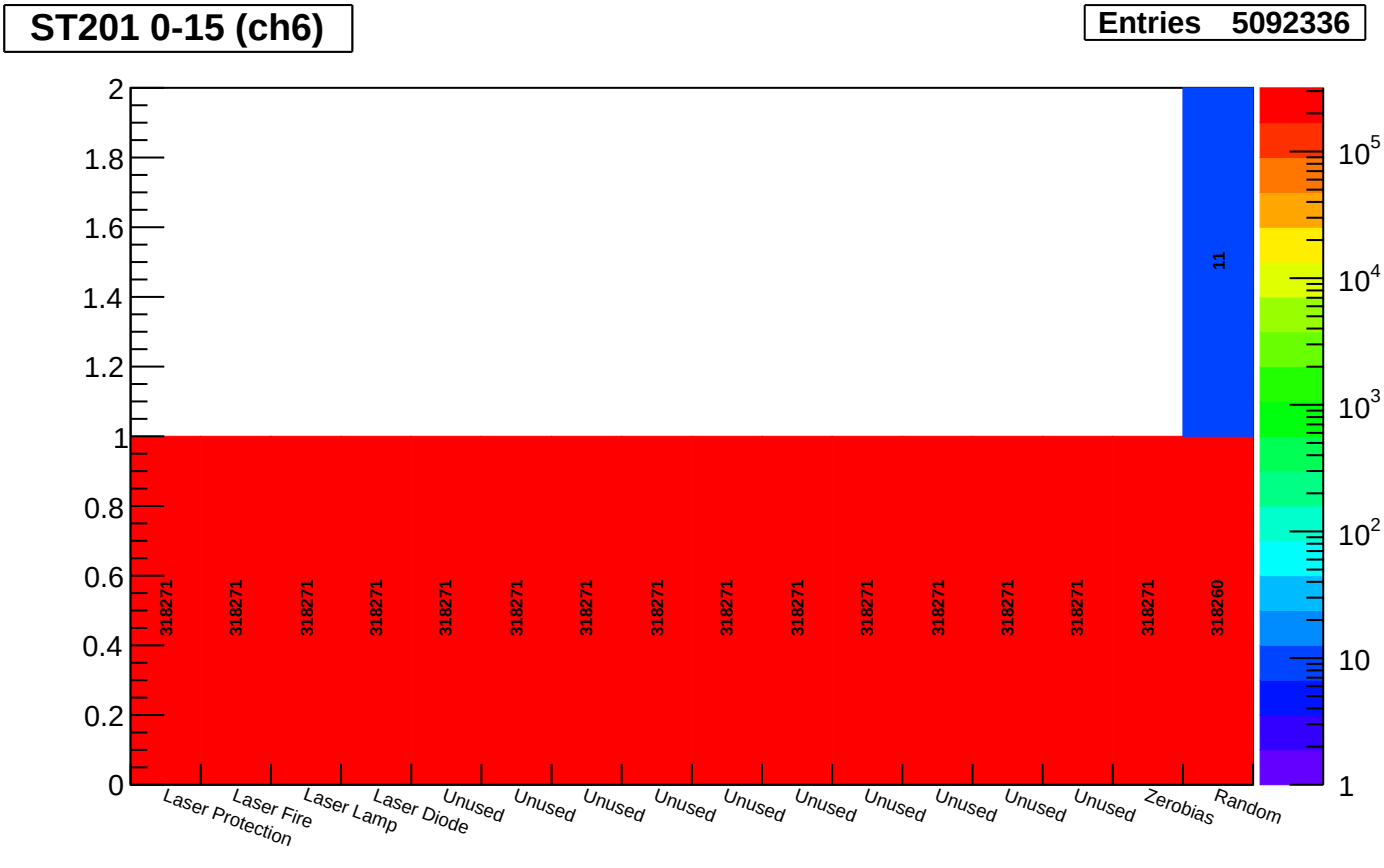

Entries 318271
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

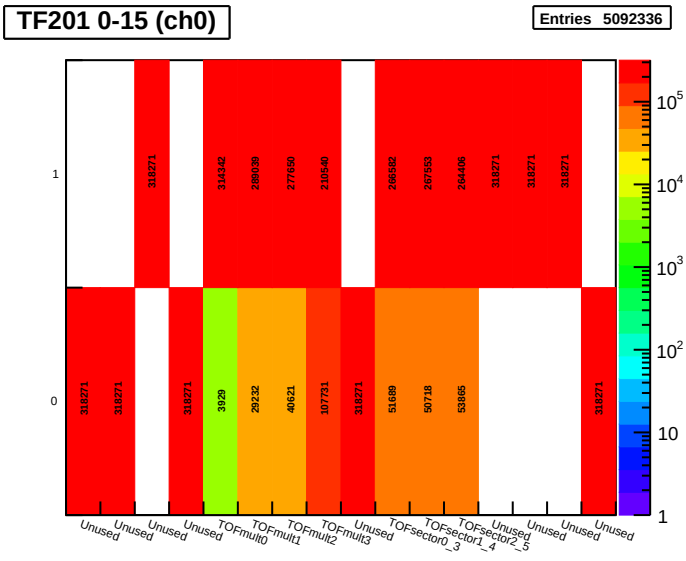

Entries 318271
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

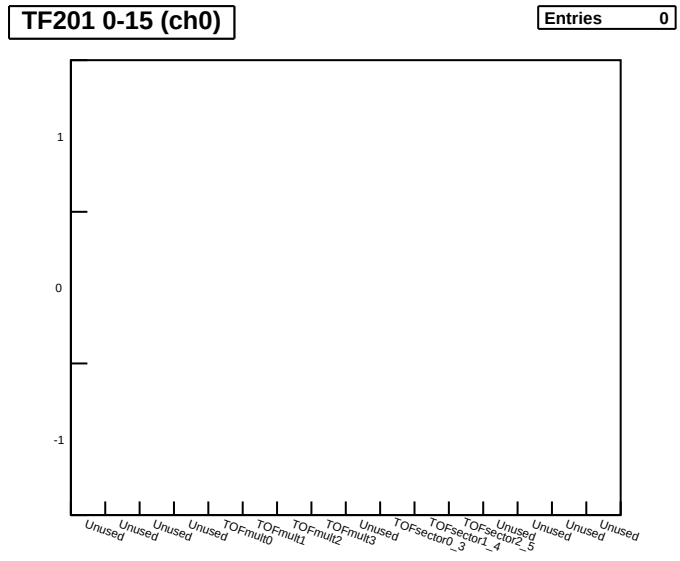

Entries 318271
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

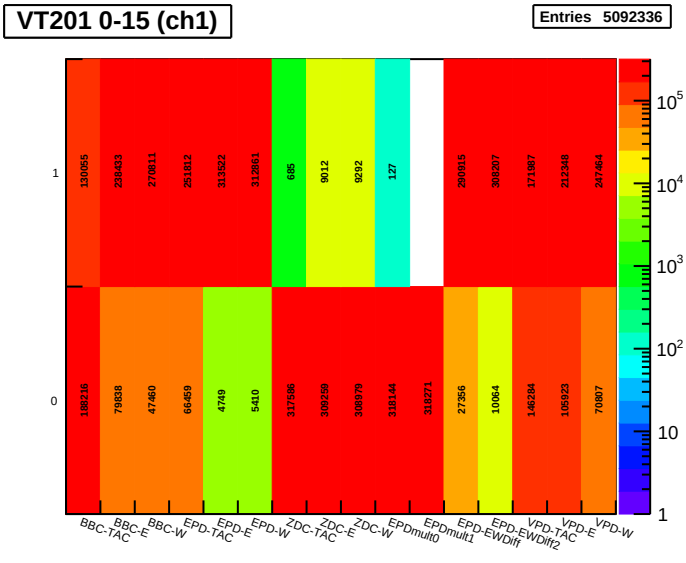

Entries 318271
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

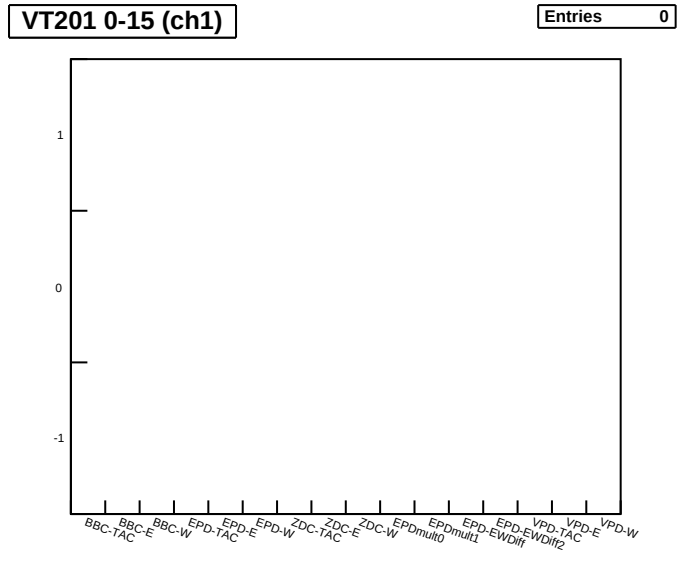

Laser Input Bits
Entries 318271
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

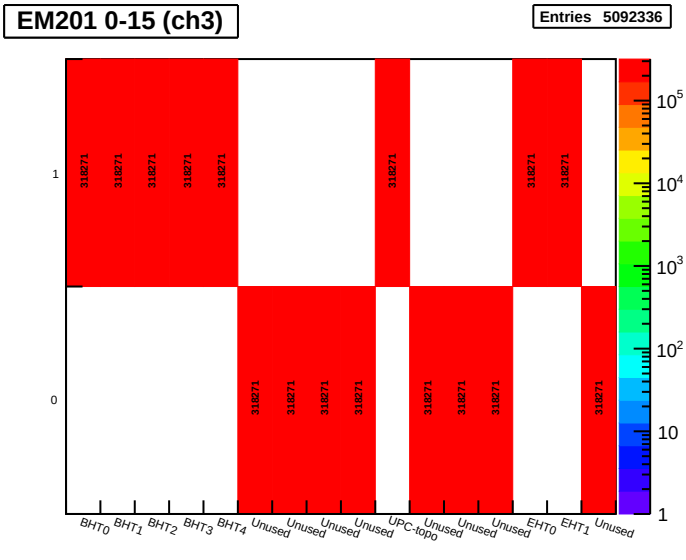

ST201 0-15 (ch6)
Entries 5092336
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
318271
318260
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

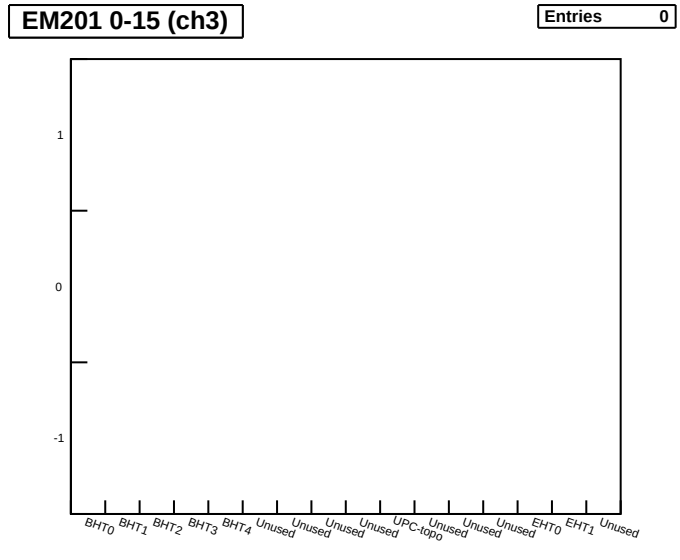

TF201 0-15 (ch0)
Entries 5092336
1
0
318271
314342
289039
277650
210540
266582
257553
264406
318271
318271
318271
318271
318271
318271
318271
3929
29232
40621
107731
318271
51689
50718
53865
318271
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 5092336
1
0
130055
238433
270811
251812
313522
312861
685
9012
9292
127
290915
308207
171987
212348
247464
188216
79838
47460
66469
4749
5410
317586
309259
308979
318144
318271
27356
10064
146284
105923
70807
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 5092336
1
0
318271
318271
318271
318271
318271
318271
318271
318271
318271
318271
318271
318271
318271
318271
318271
318271
318271
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