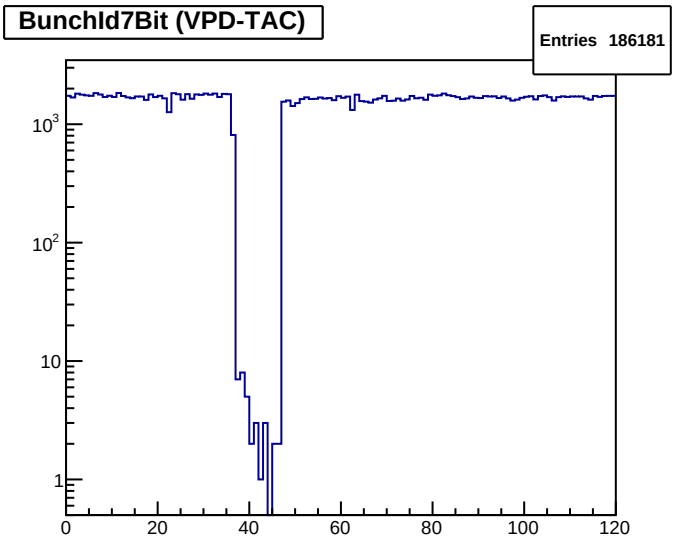
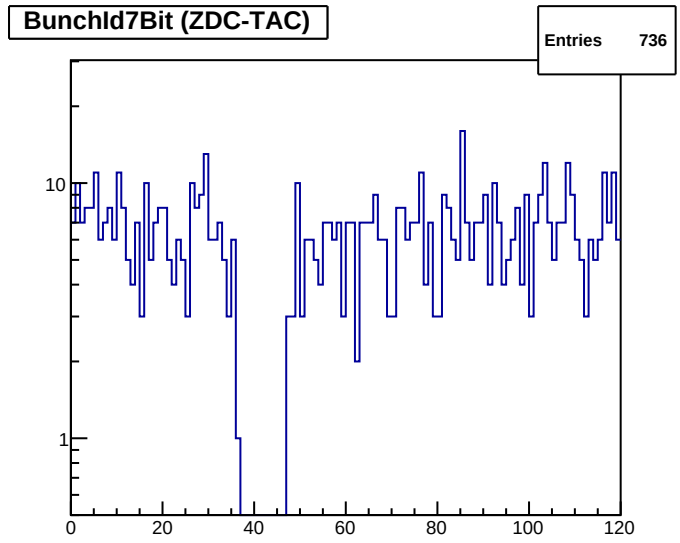
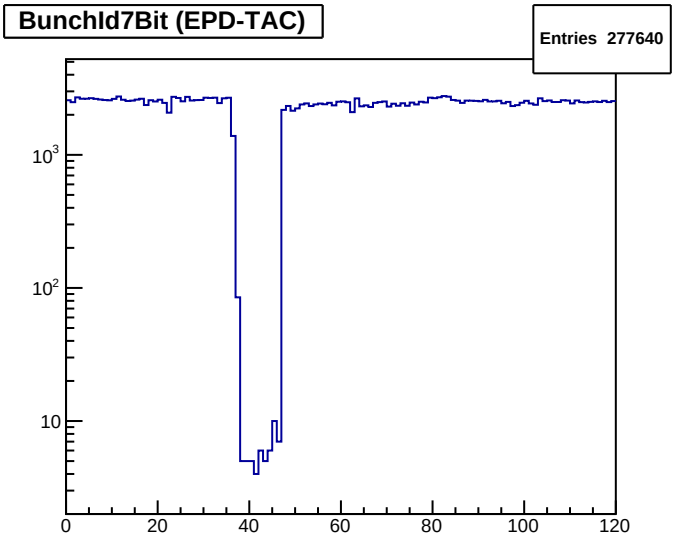
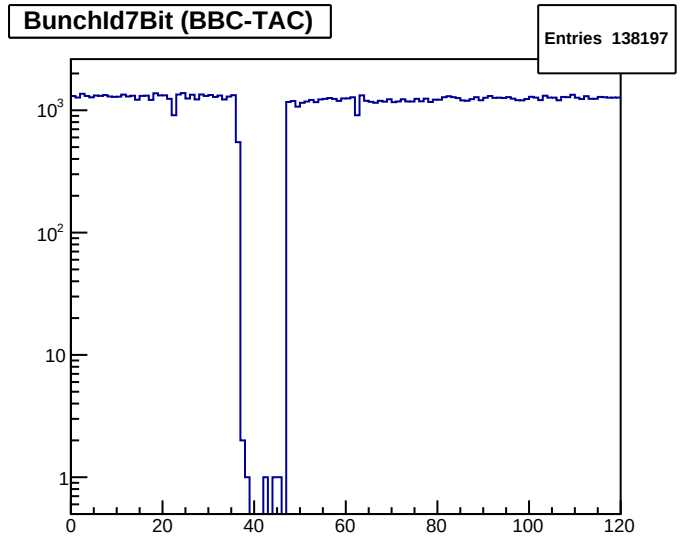
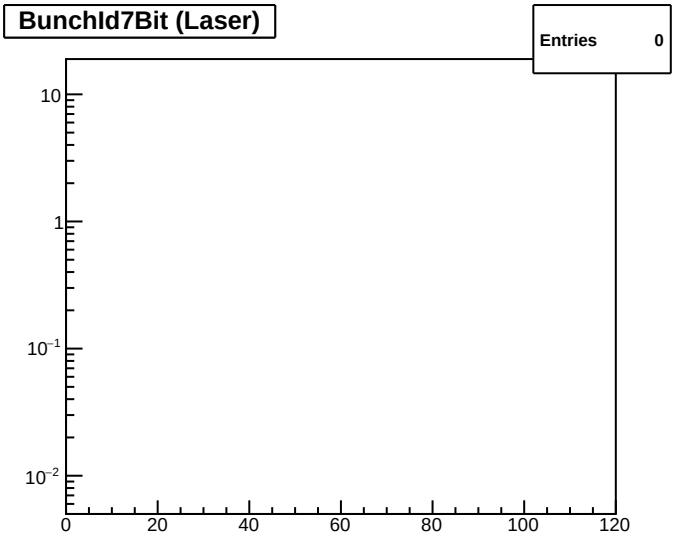
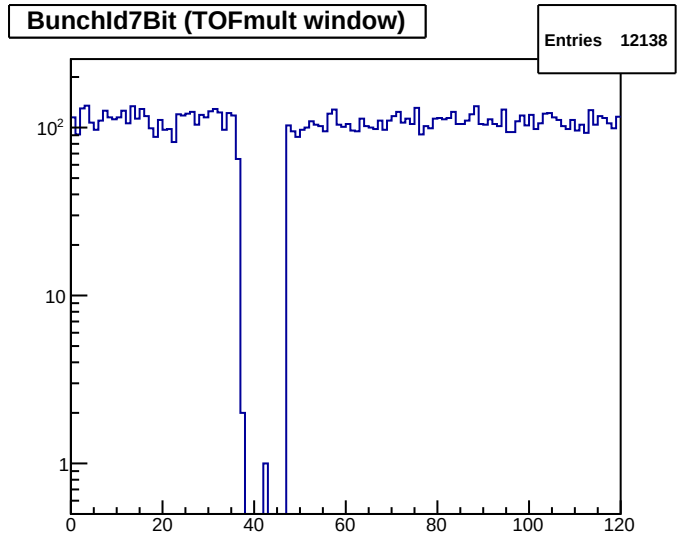

BunchId7Bit (VPD-TAC)
Entries 186181

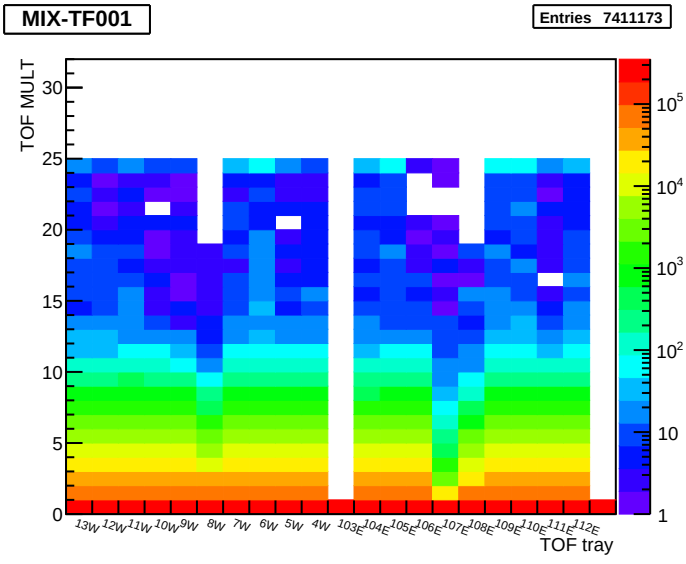

BunchId7Bit (ZDC-TAC)
Entries 736

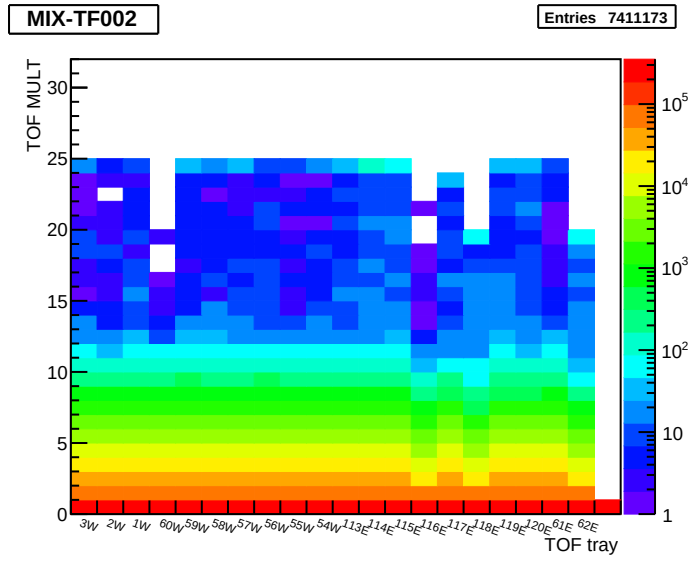

BunchId7Bit (EPD-TAC)
Entries 277640

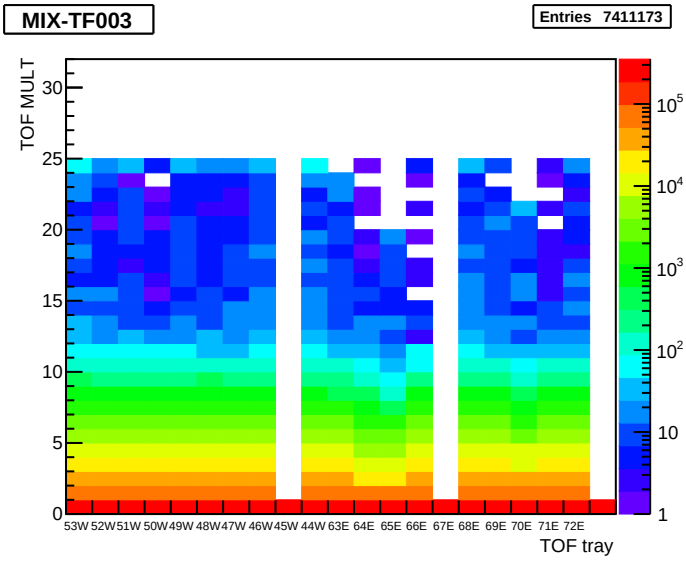

BunchId7Bit (BBC-TAC)
Entries 138197

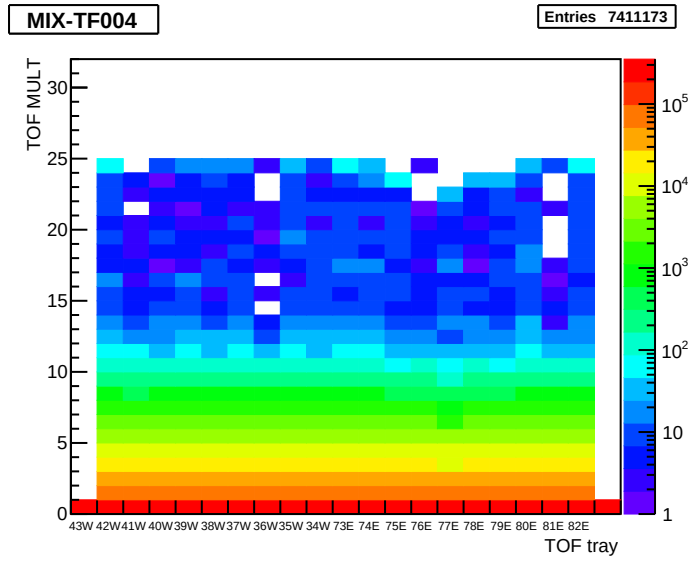

BunchId7Bit (Laser)
Entries 0

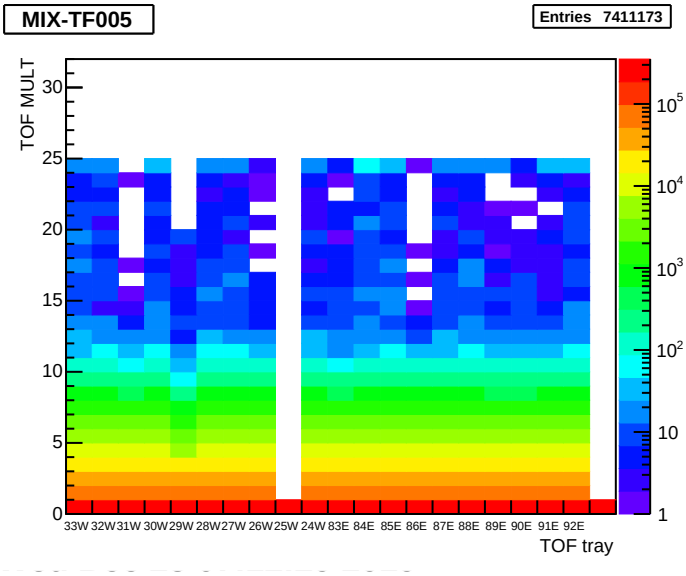

BunchId7Bit (TOFmult window)
Entries 12138

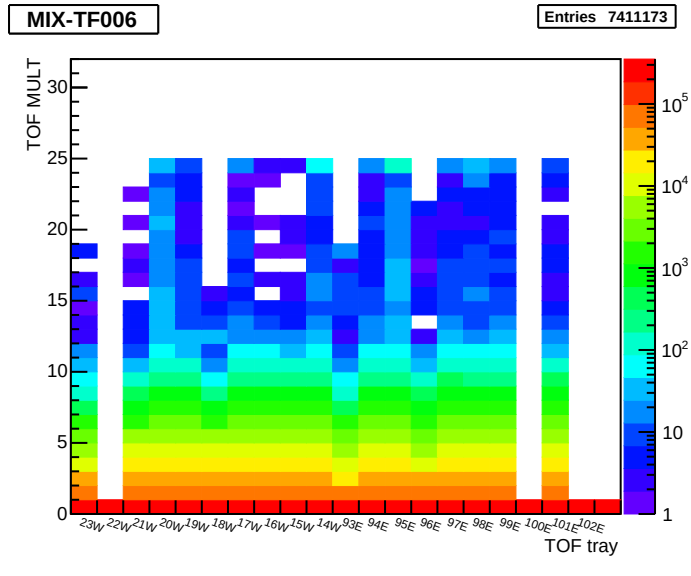

MIX-TF001
Entries 7411173
TOF MULT
TOF tray

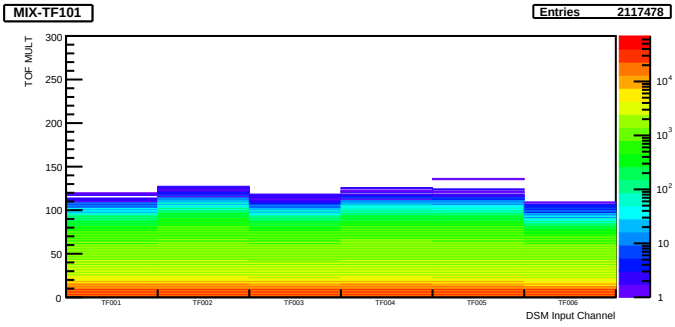

MIX-TF002
Entries 7411173
TOF MULT
TOF tray

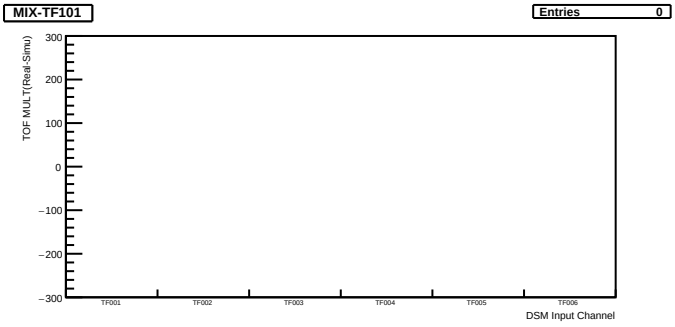

MIX-TF003
Entries 7411173
TOF MULT
TOF tray

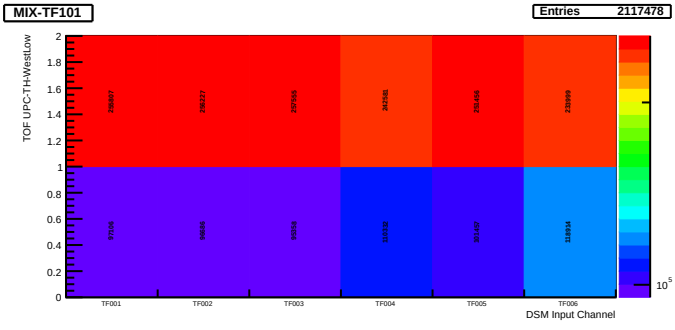

MIX-TF004
Entries 7411173
TOF MULT
TOF tray

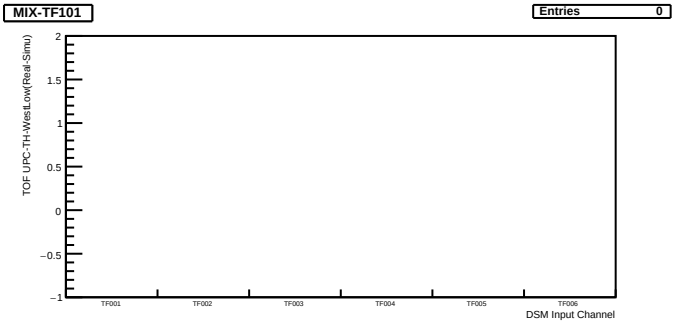

MIX-TF005
Entries 7411173
TOF MULT
TOF tray

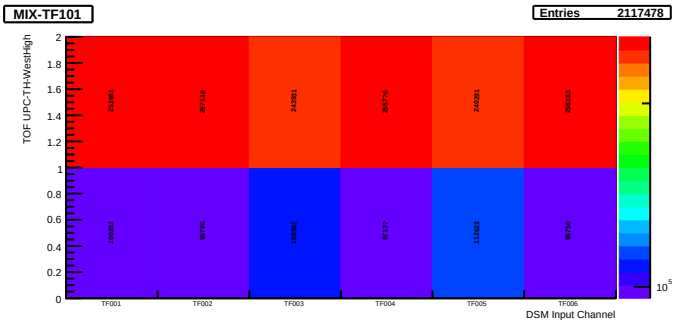

MIX-TF006
Entries 7411173
TOF MULT
TOF tray

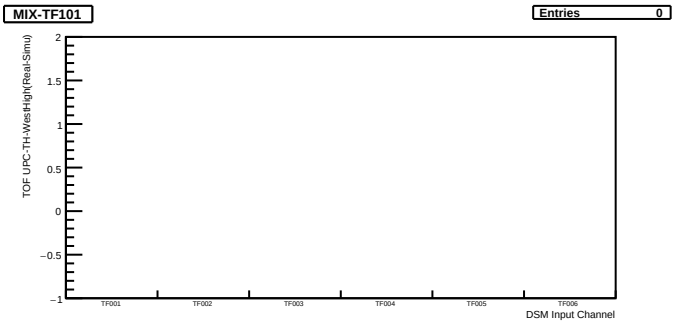

MIX-TF101
Entries 2117478
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

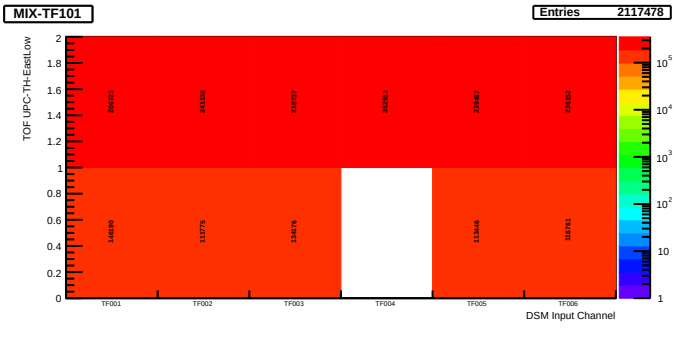

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

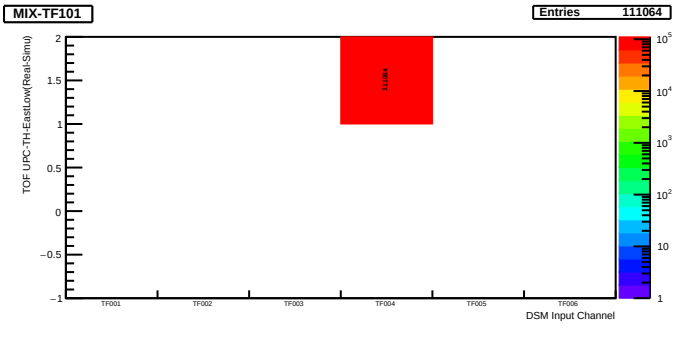

MIX-TF101
Entries 2117478
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

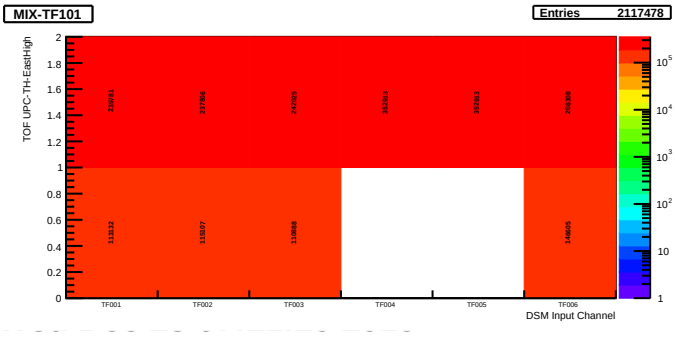

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

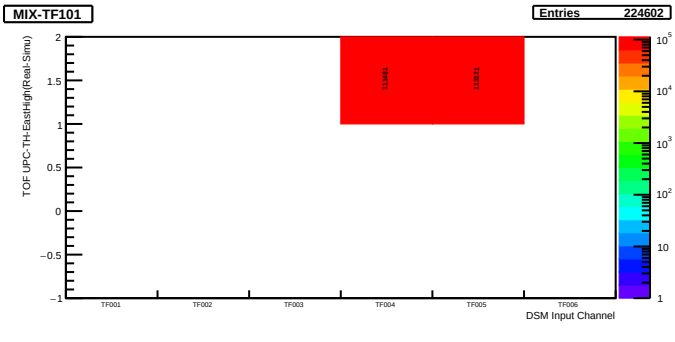

MIX-TF101
Entries 2117478
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

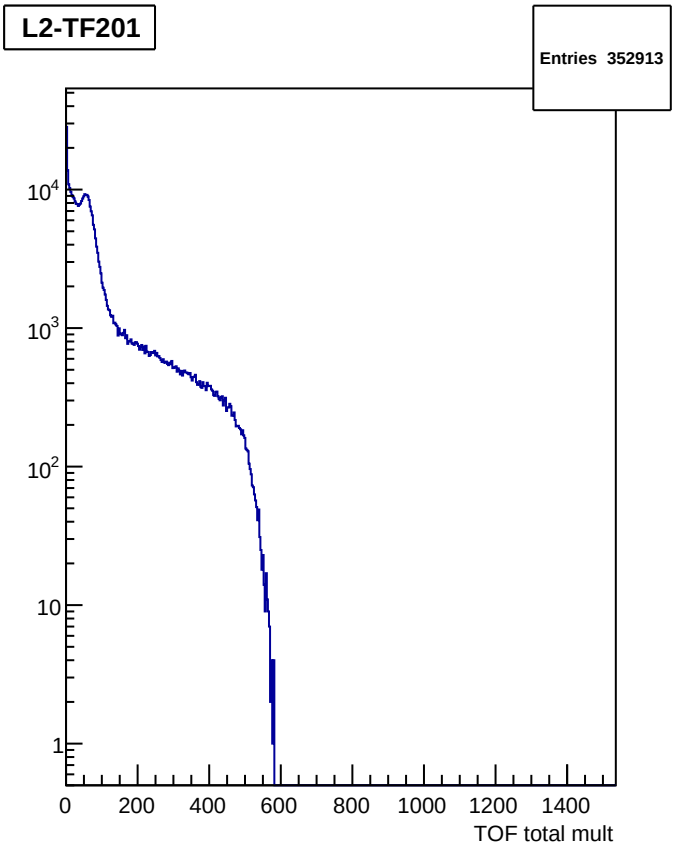

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

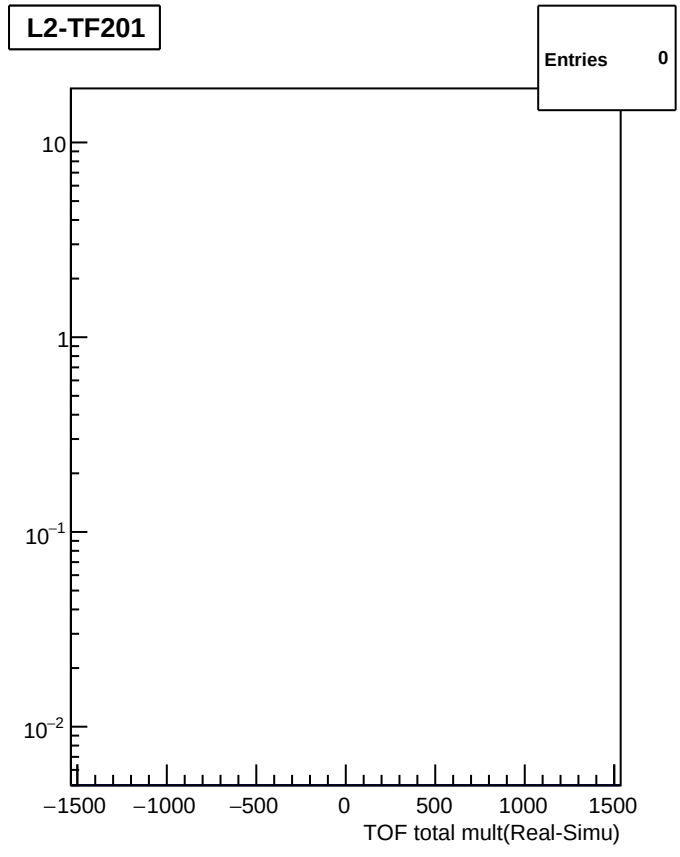

MIX-TF101
Entries 2117478
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

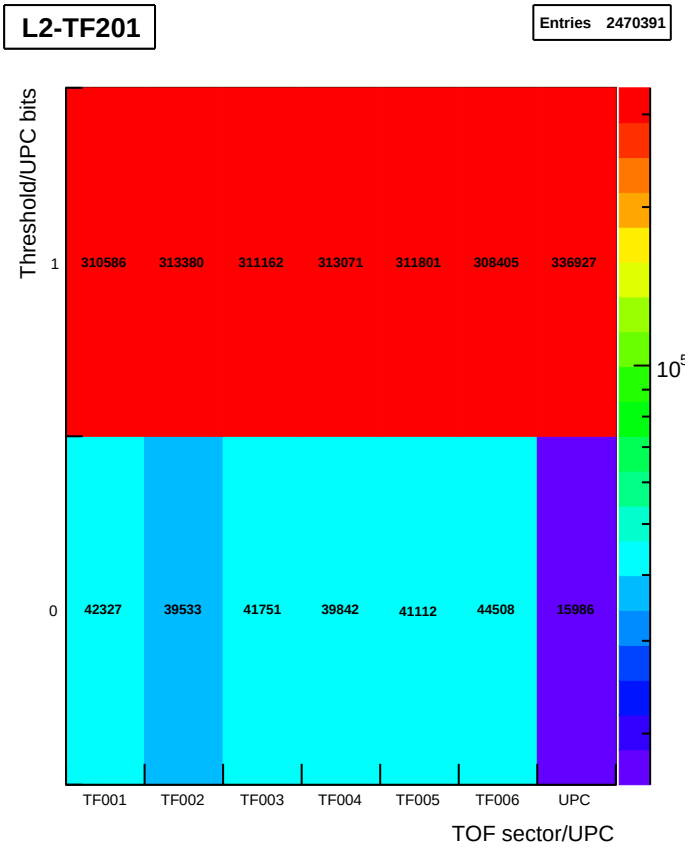

MIX-TF101
Entries 111064
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

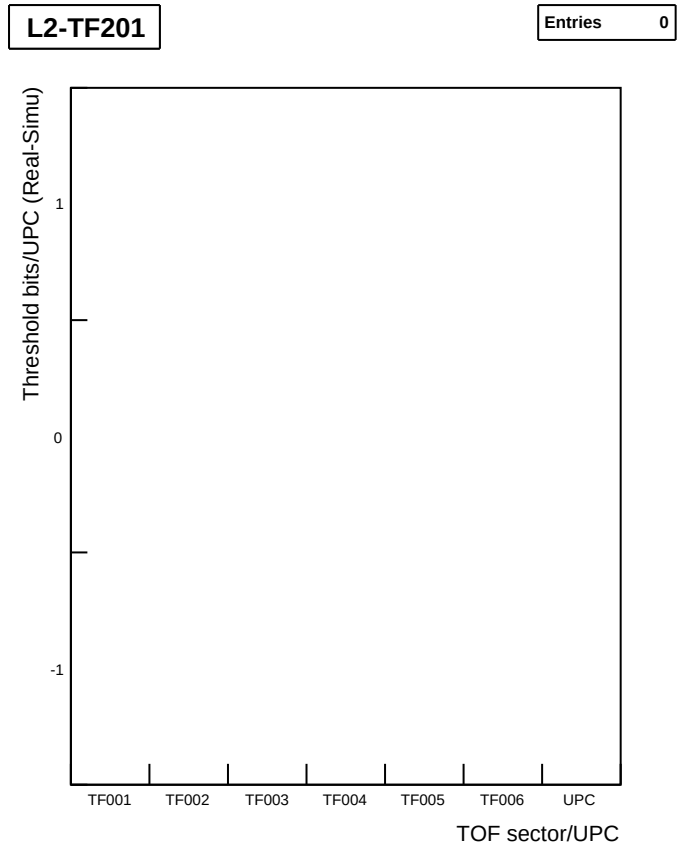

MIX-TF101
Entries 2117478
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

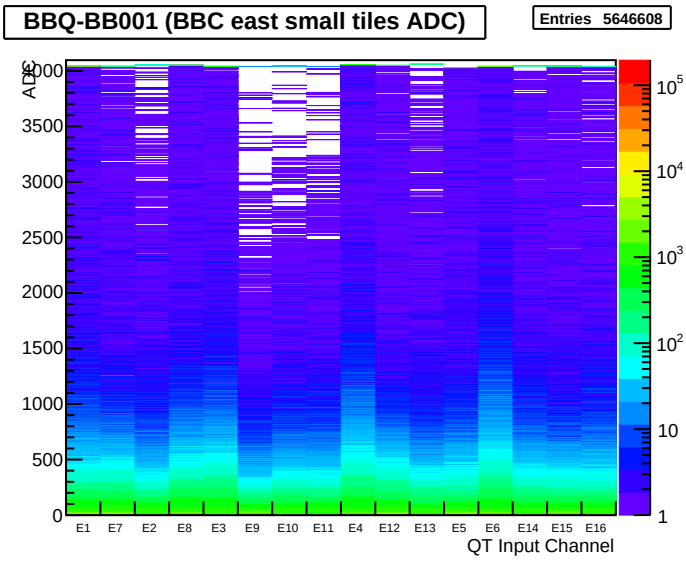

MIX-TF101
Entries 224602
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

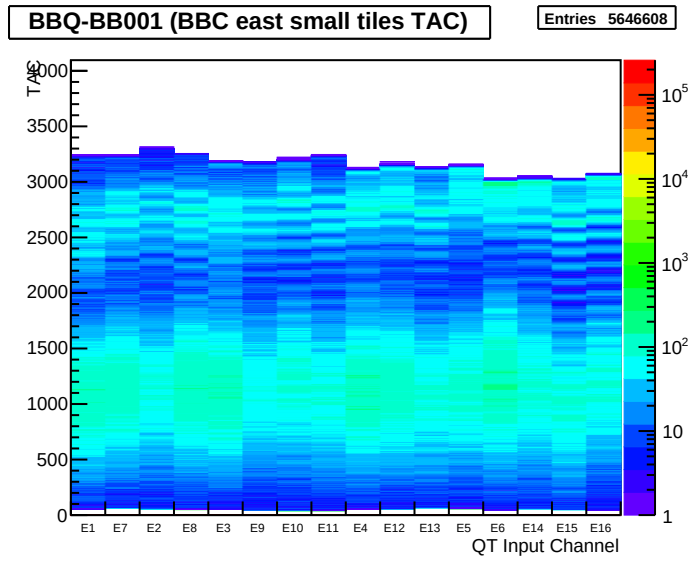

L2-TF201
Entries 352913
TOF total mult

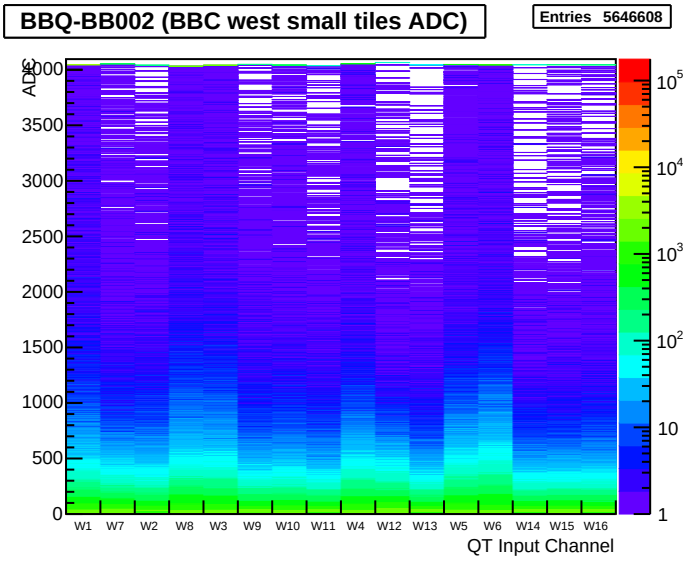

L2-TF201
Entries 0
TOF total mult(Real-Simu)

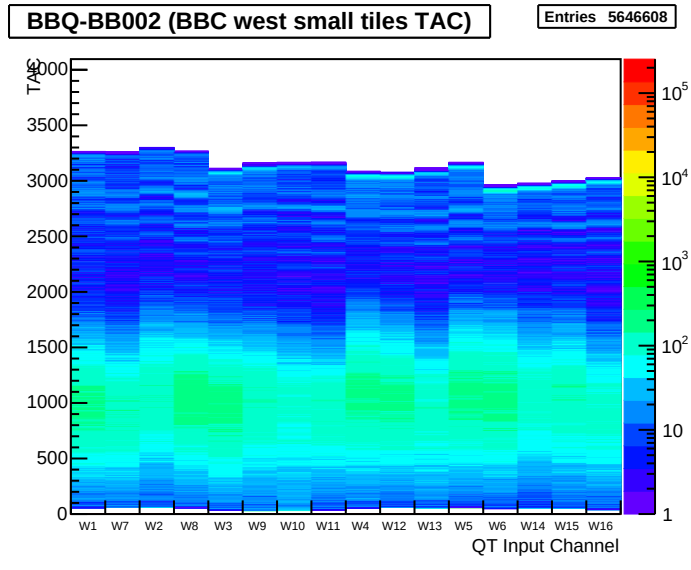

L2-TF201
Entries 2470391
Threshold/UPC bits
310586
313380
311162
313071
311801
308405
336927
42327
39533
41751
39842
41112
44508
15986
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

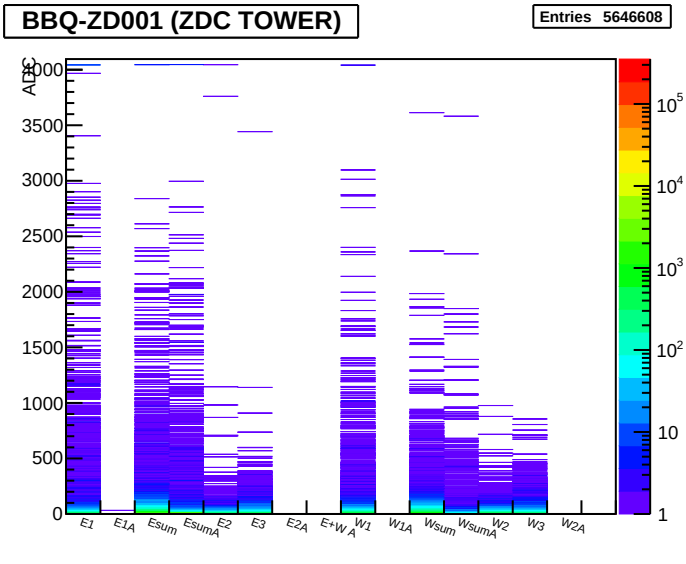

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

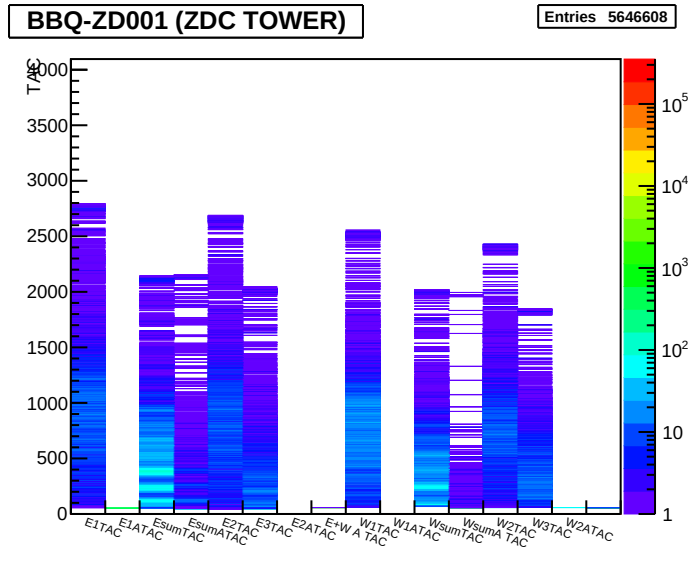

BBQ-BB001 (BBC east small tiles ADC)
Entries 5646608
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

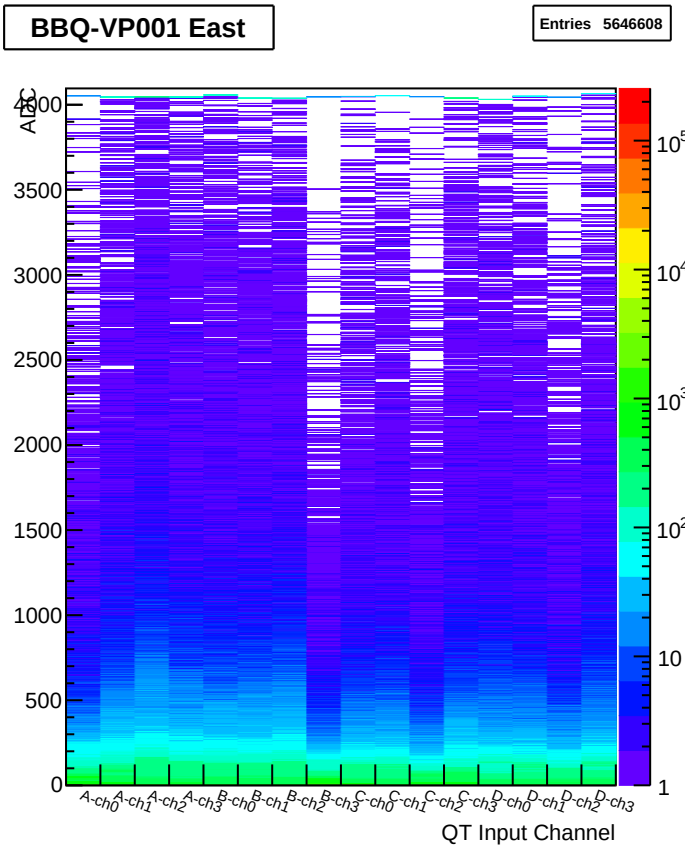

BBQ-BB001 (BBC east small tiles TAC)
Entries 5646608
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

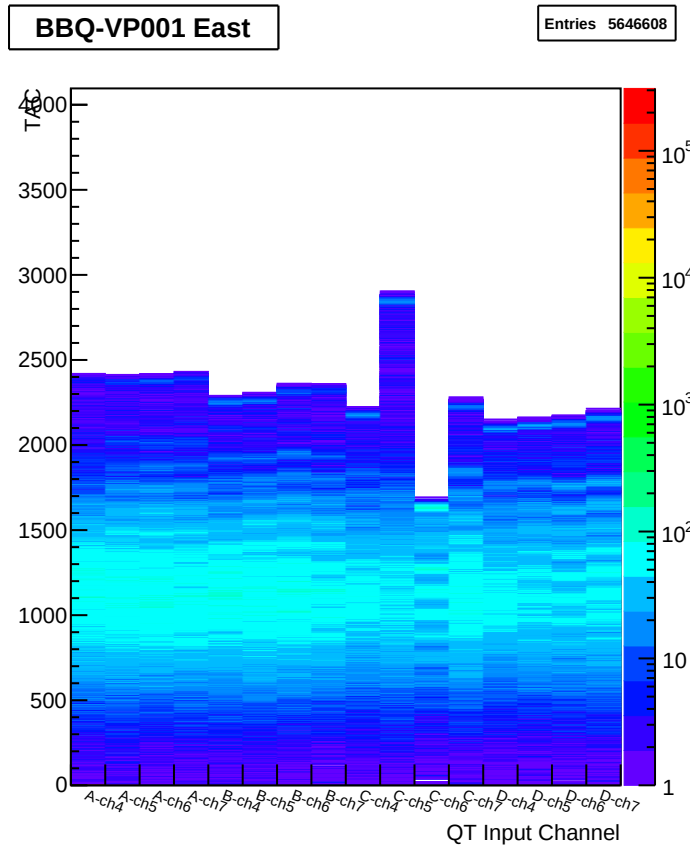

BBQ-BB002 (BBC west small tiles ADC)
Entries 5646608
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

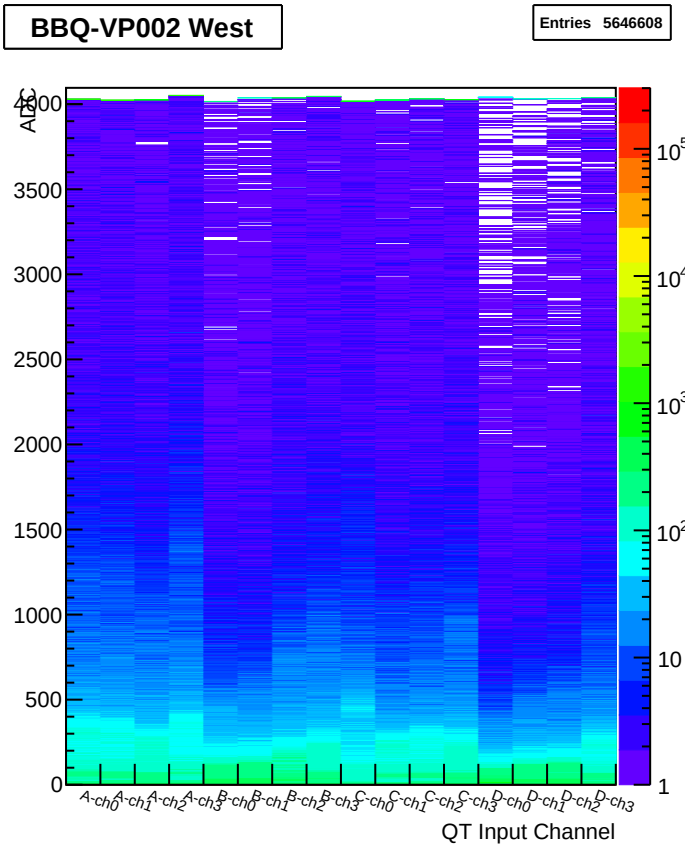

BBQ-BB002 (BBC west small tiles TAC)
Entries 5646608
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

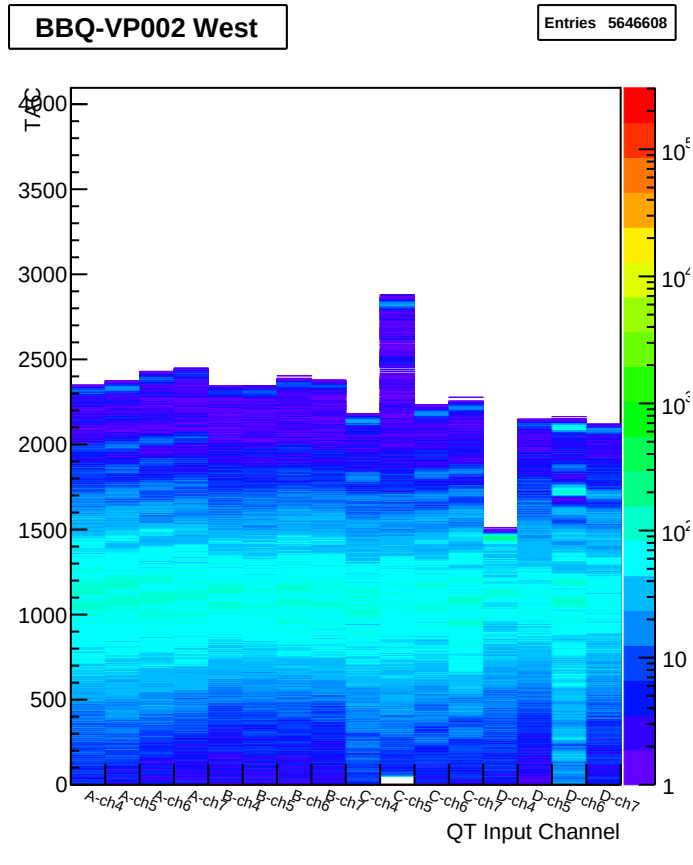

BBQ-ZD001 (ZDC TOWER)
Entries 5646608
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

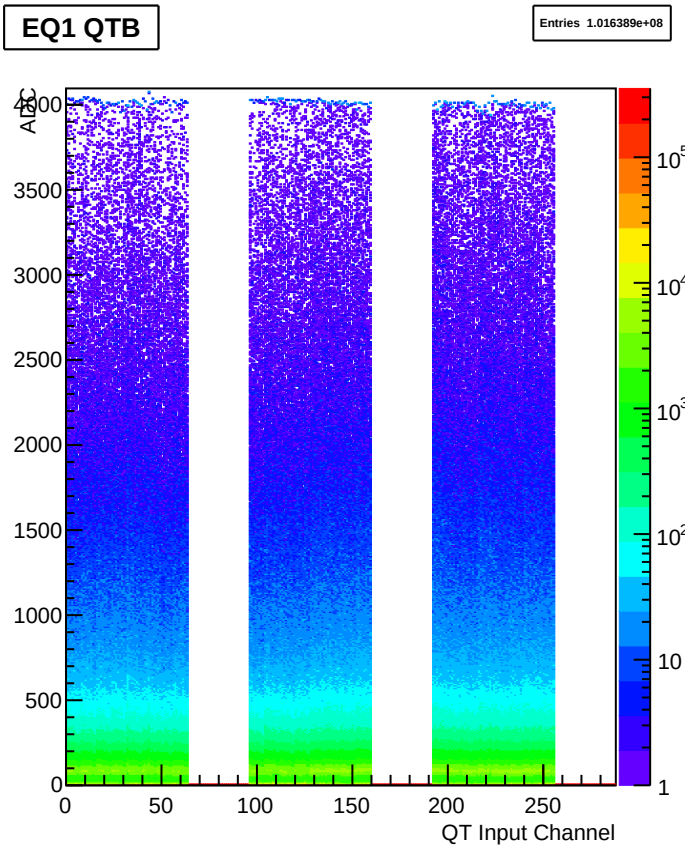

BBQ-ZD001 (ZDC TOWER)
Entries 5646608
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

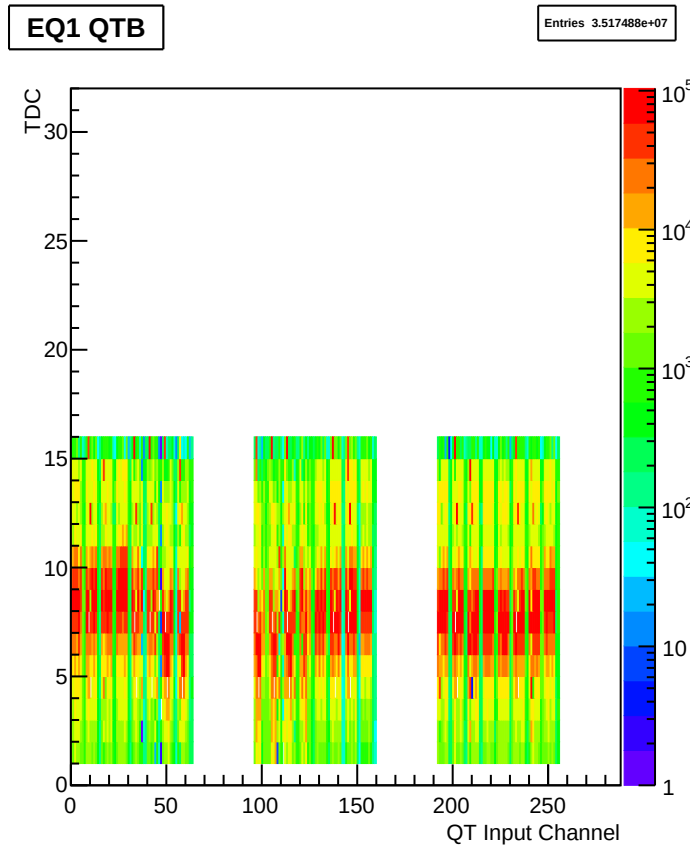

BBQ-VP001 East
Entries 5646608
ADC
QT Input Channel

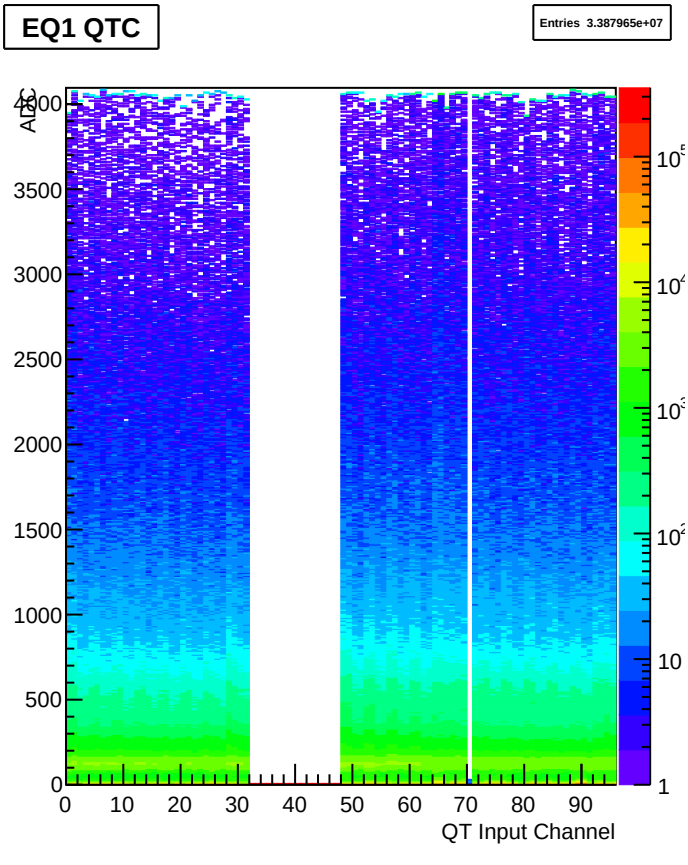

BBQ-VP001 East
Entries 5646608
ADC
QT Input Channel

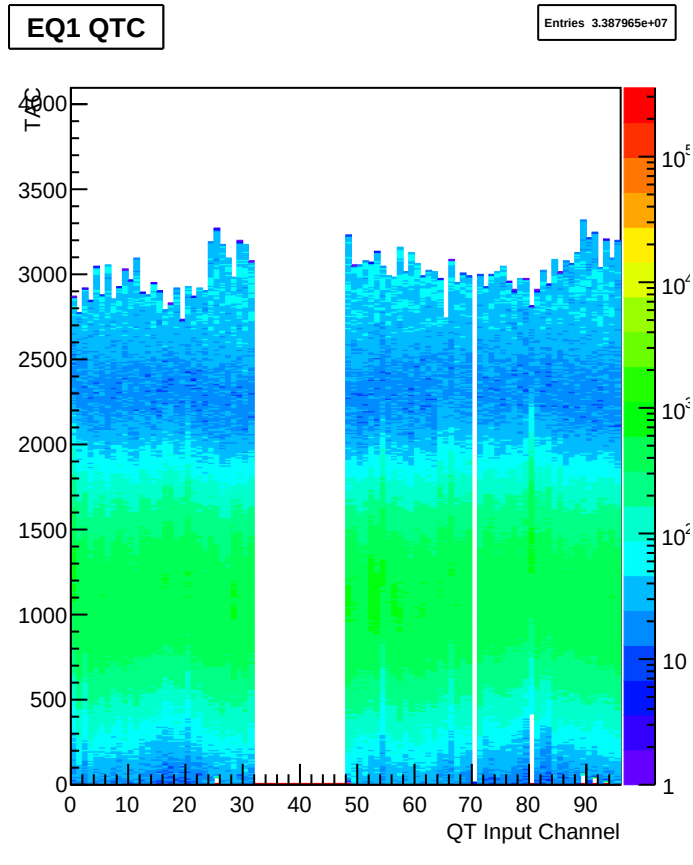

BBQ-VP002 West
Entries 5646608
ADC
QT Input Channel

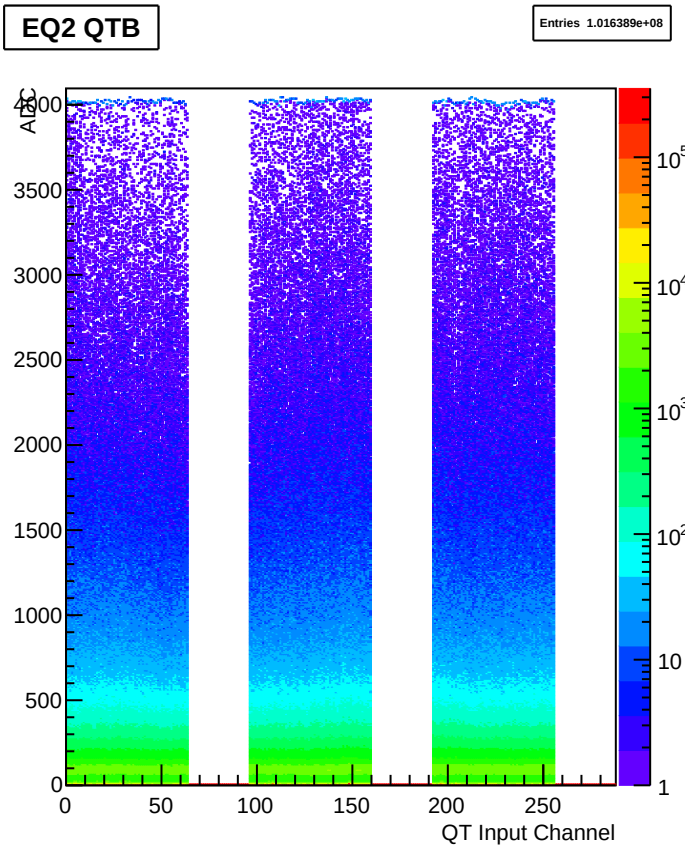

BBQ-VP002 West
Entries 5646608
ADC
QT Input Channel

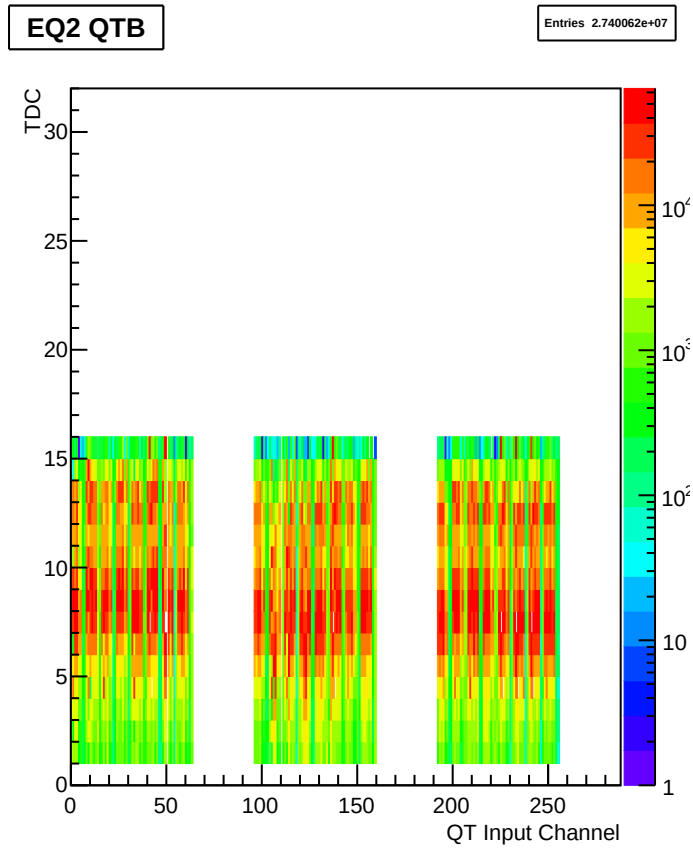

EQ1 QTB
Entries 1.016389e+08
ADC
QT Input Channel

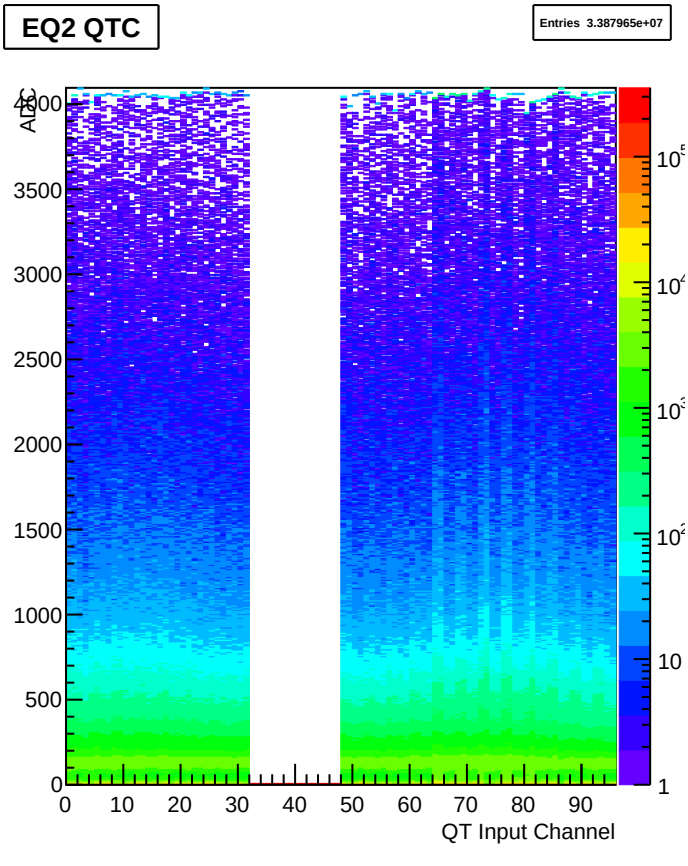

EQ1 QTB
Entries 3.517488e+07
TDC
QT Input Channel

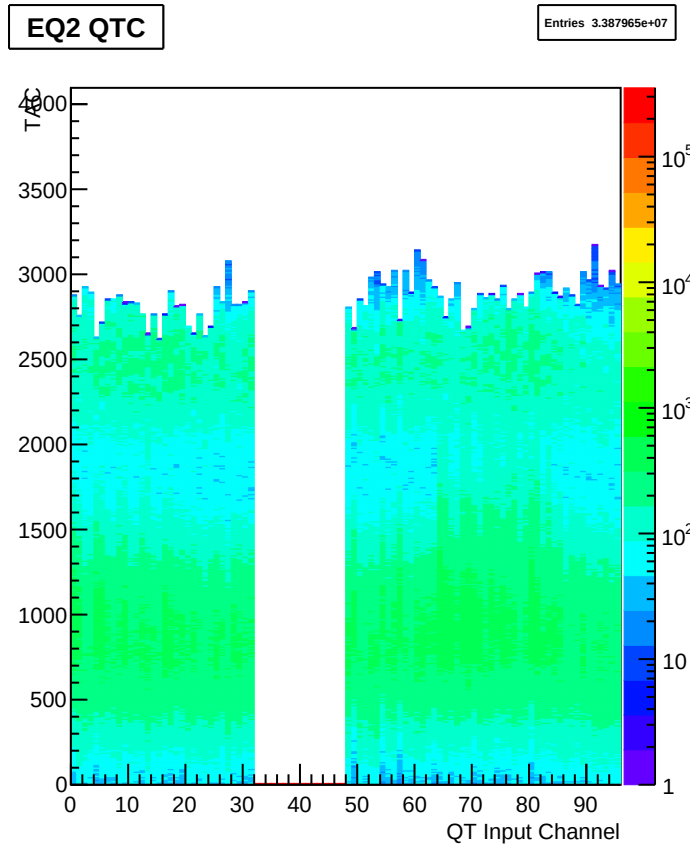

EQ1 QTC
Entries 3.387965e+07
ADC
QT Input Channel

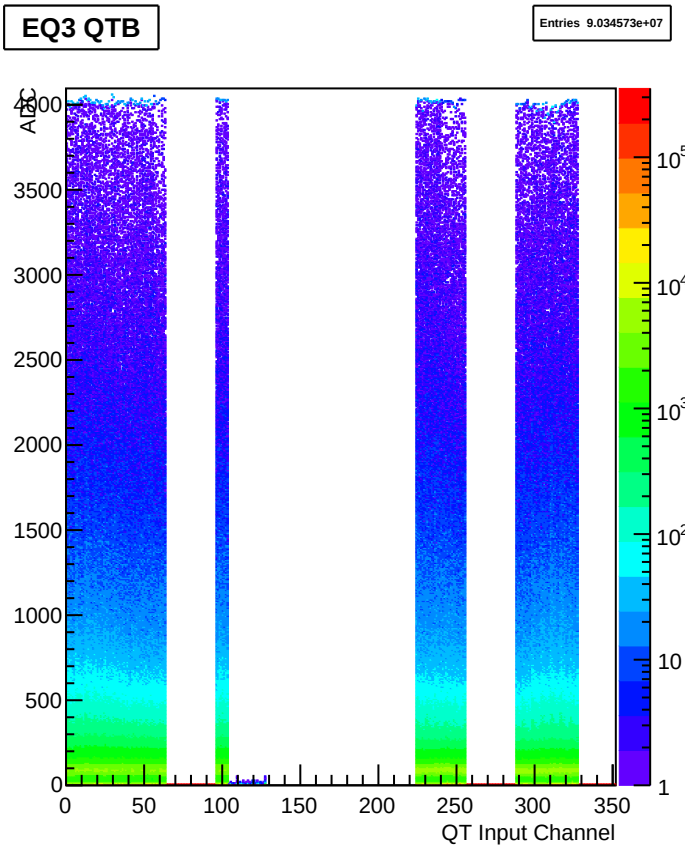

EQ1 QTC
Entries 3.387965e+07
TADC
QT Input Channel

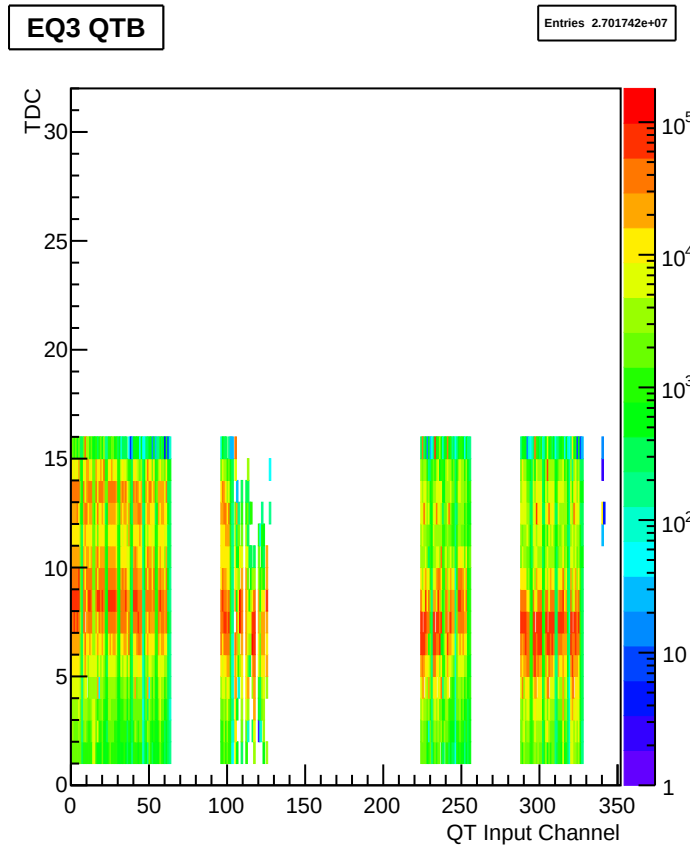

EQ2 QTB
Entries 1.016389e+08
ADC
QT Input Channel

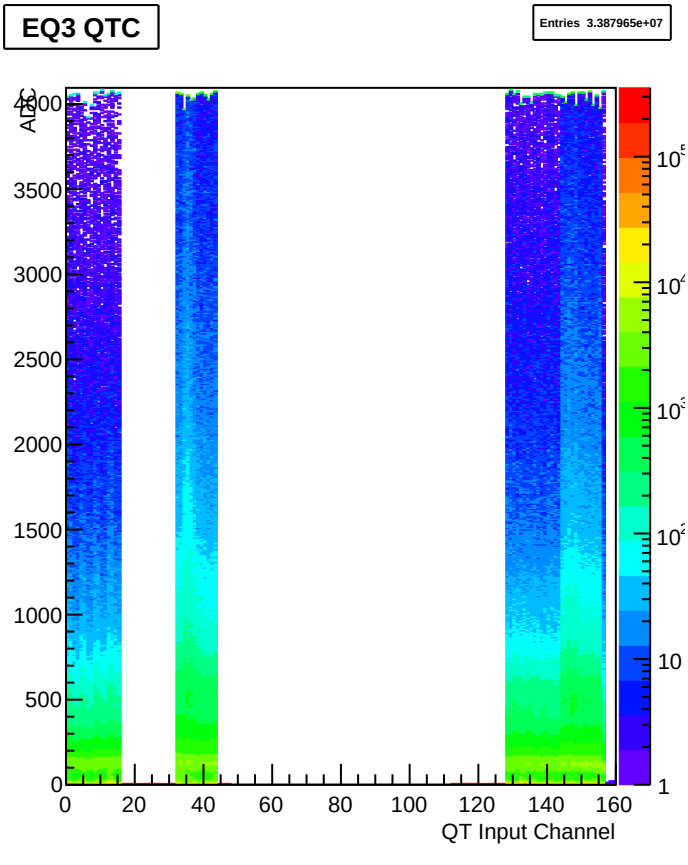

EQ2 QTB
Entries 2.740062e+07
TDC
QT Input Channel

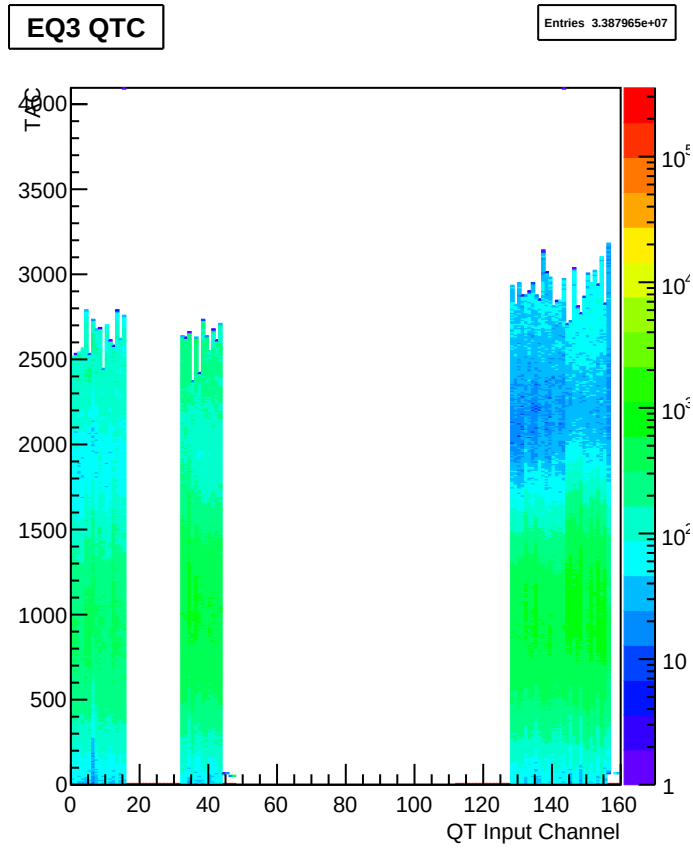

EQ2 QTC
Entries 3.387965e+07
ADC
QT Input Channel

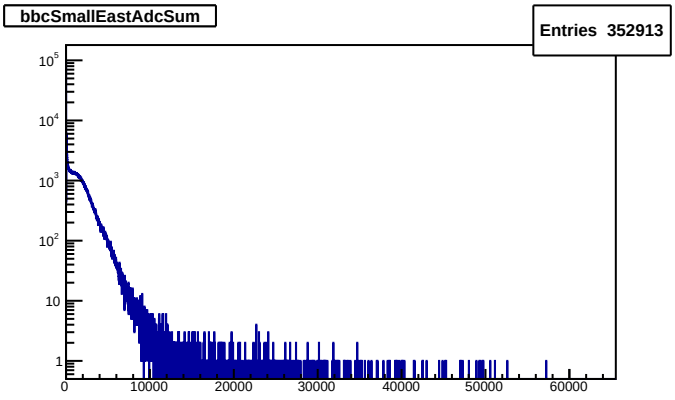

EQ2 QTC
Entries 3.387965e+07
TADC
QT Input Channel

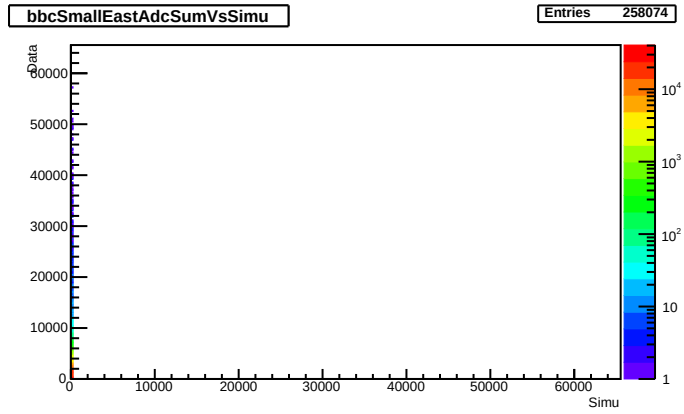

EQ3 QTB
Entries 9.034573e+07
ADC
QT Input Channel

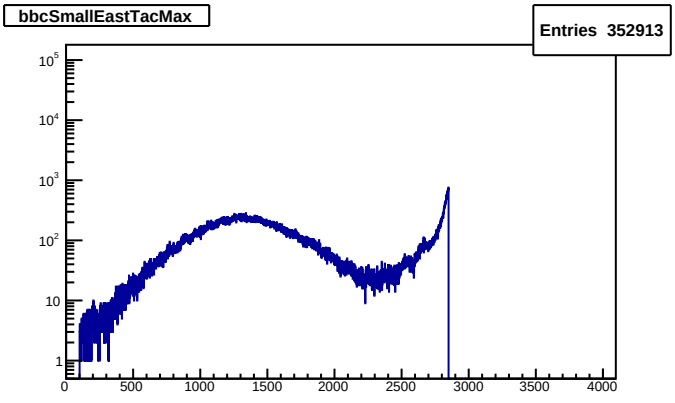

EQ3 QTB
Entries 2.701742e+07
TDC
QT Input Channel

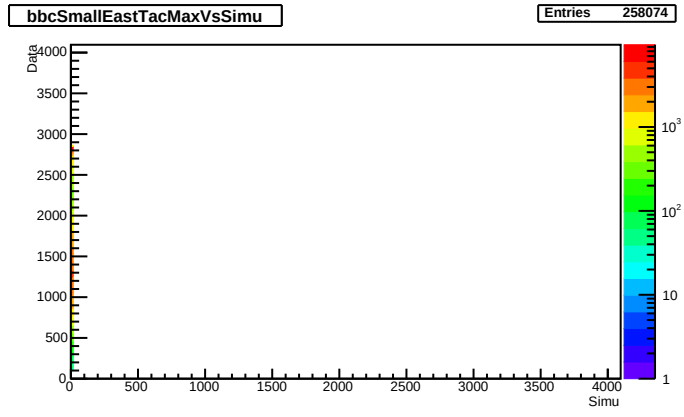

EQ3 QTC
Entries 3.387965e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.387965e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 352913


bbcSmallEastAdcSumVsSimu
Entries 258074
Data
Simu


bbcSmallEastTacMax
Entries 352913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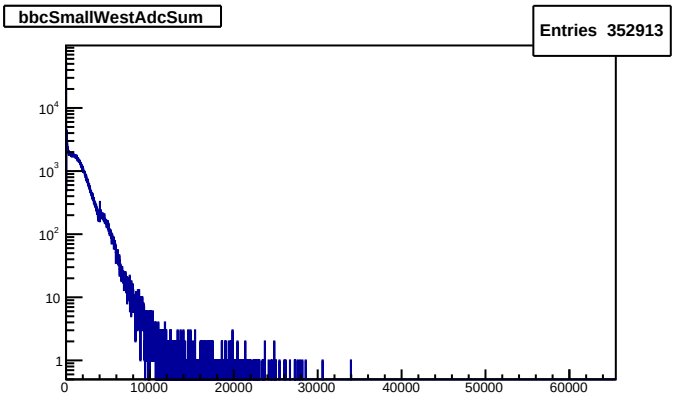
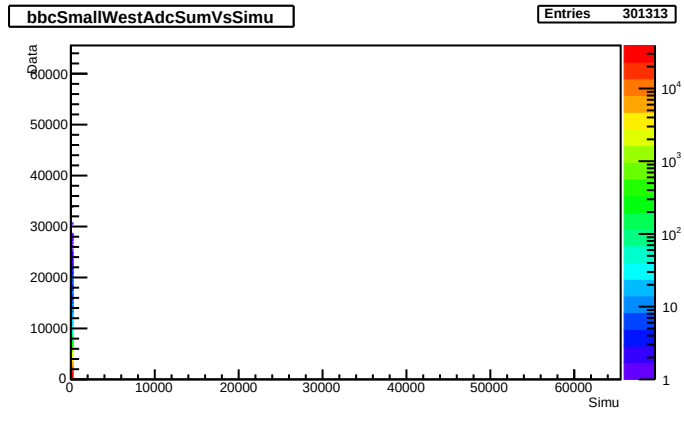
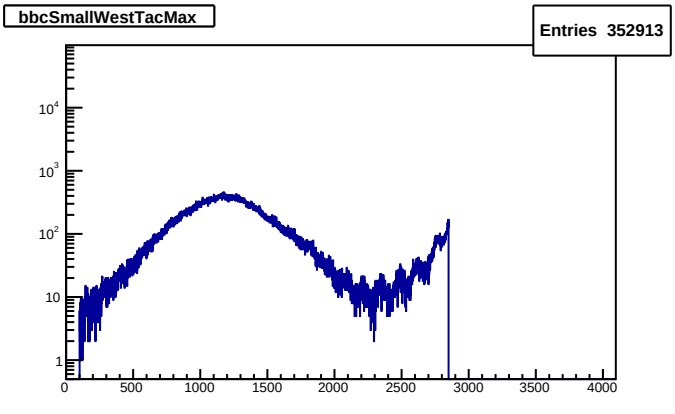
Entries 258074
Data
Simu


bbcSmallWestAdcSum
Entries 352913


bbcSmallWestAdcSumVsSimu
Entries 301313
Data
Simu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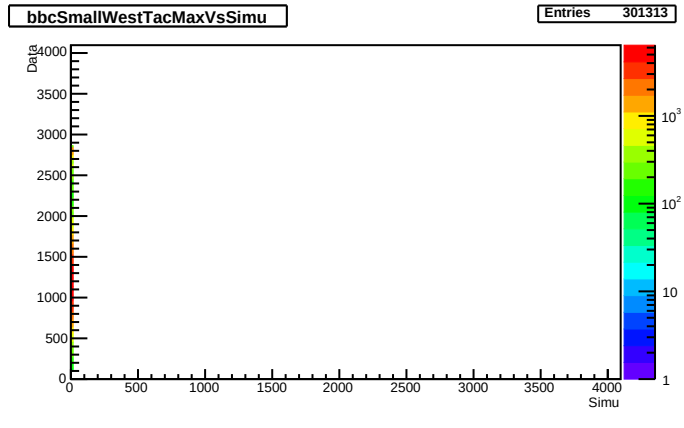
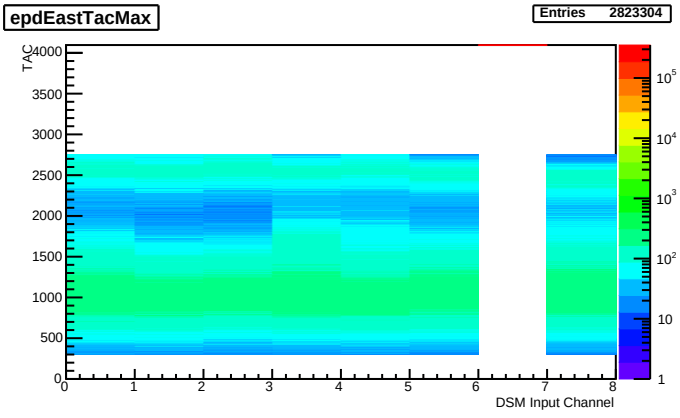
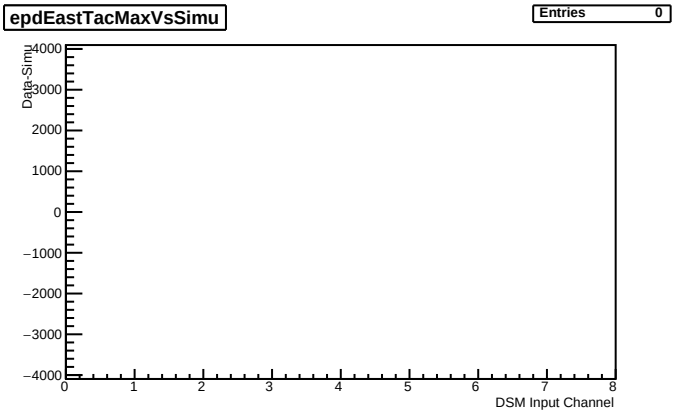
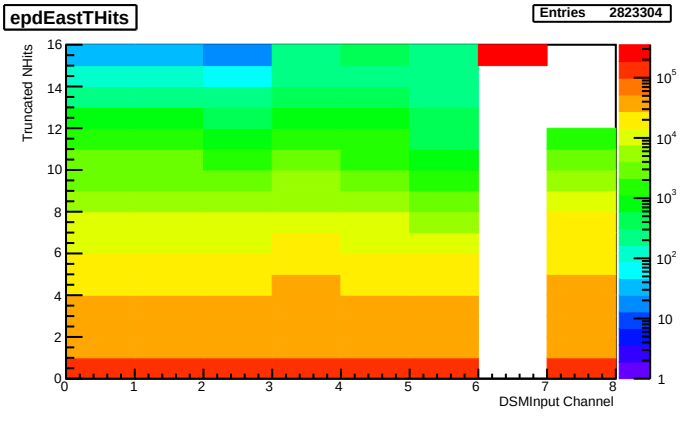
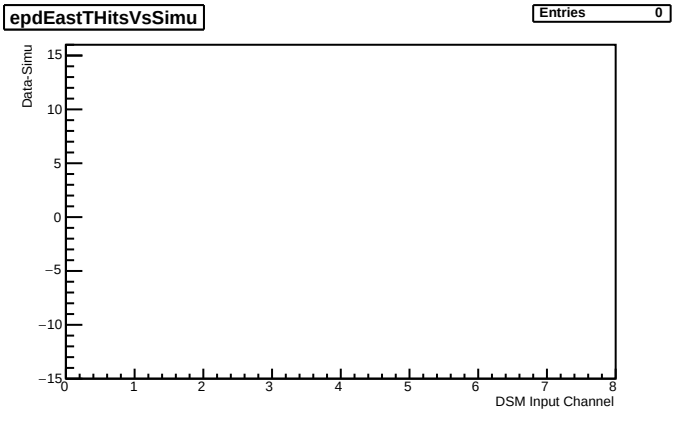
Entries 352913


bbcSmallWestTacMaxVsSimu
Entries 301313
Data
Simu


epdEastTacMax
Entries 2823304
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2823304
Truncated NHits
DSMInput Channel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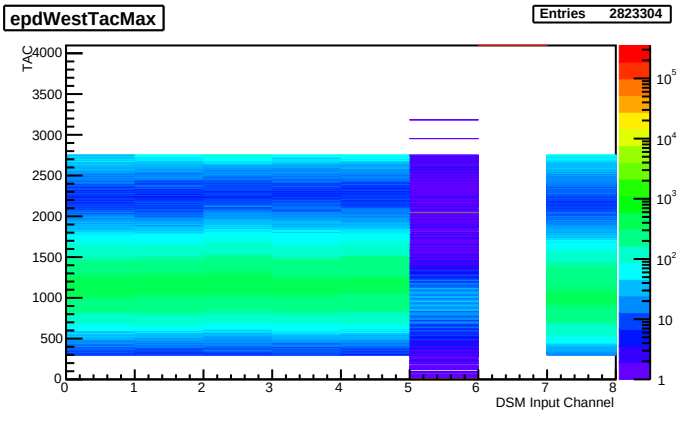
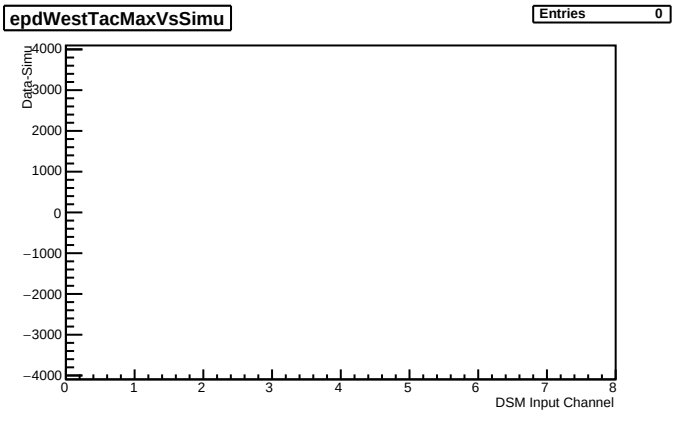
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2823304
TAC
DSM Input Channel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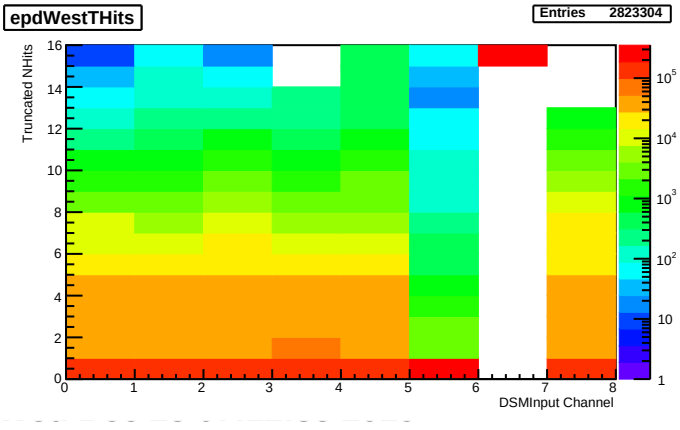
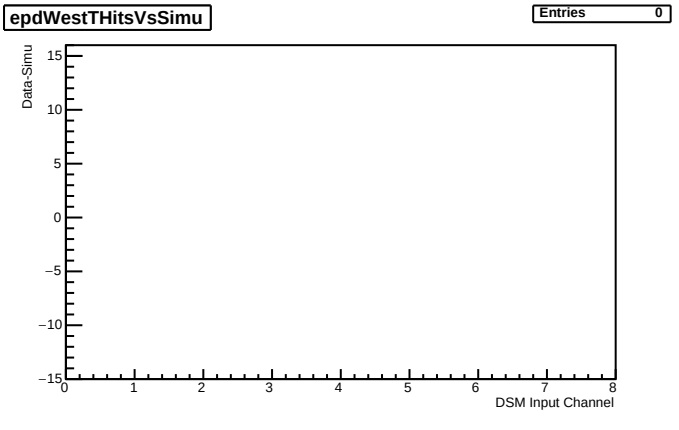
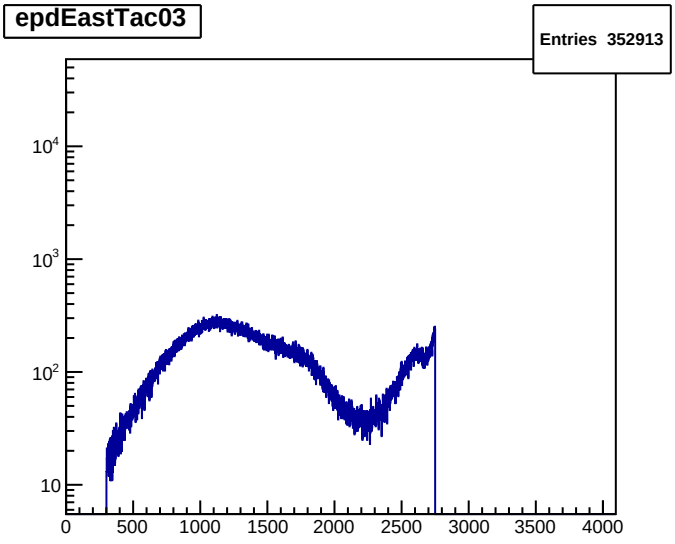
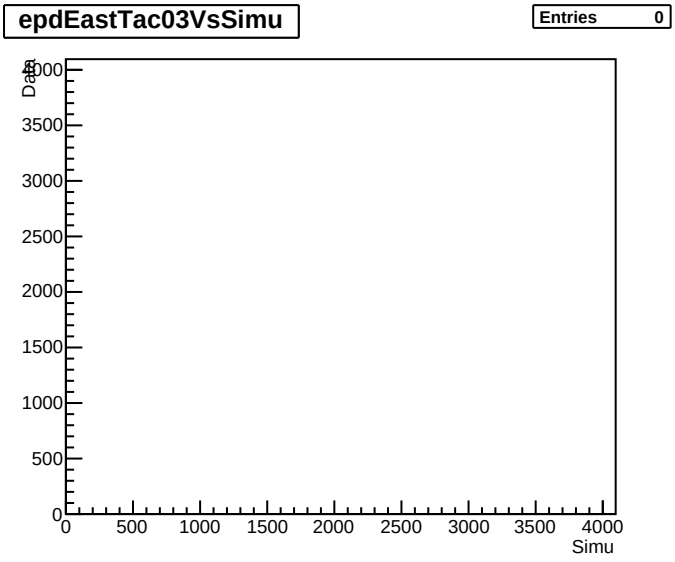
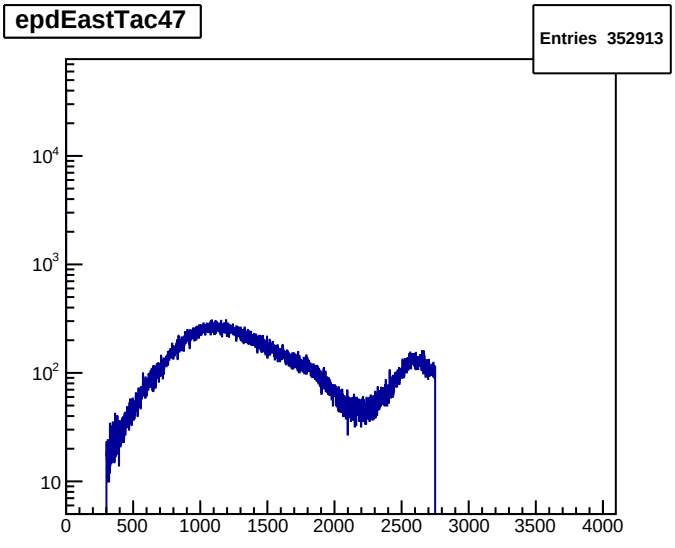
Entries 0
Data-Simu
DSM Input Channel

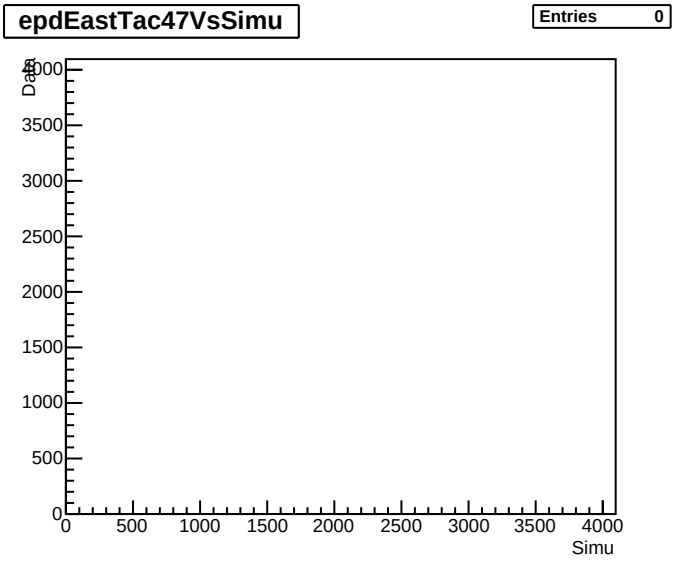

epdWestTHits
Entries 2823304
Truncated NHits
DSMInput Channel

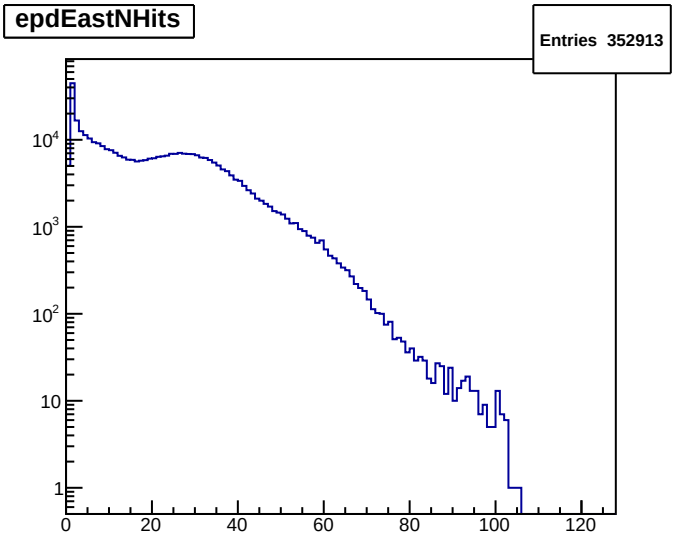

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

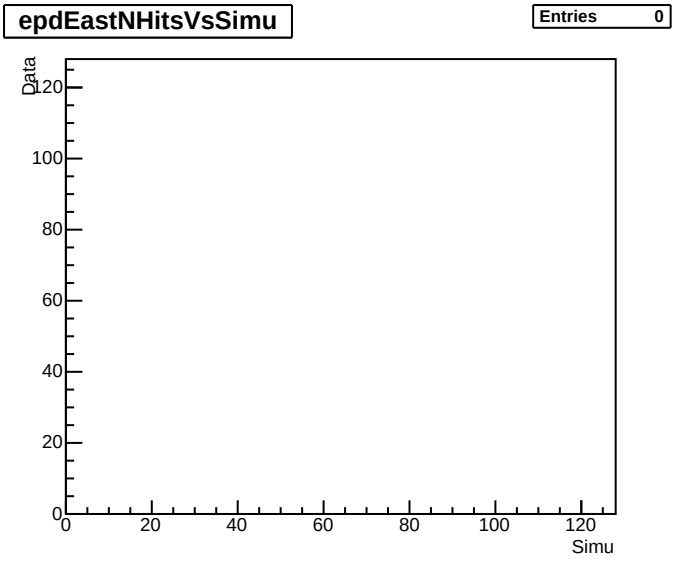

epdEastTac03
Entries 352913
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

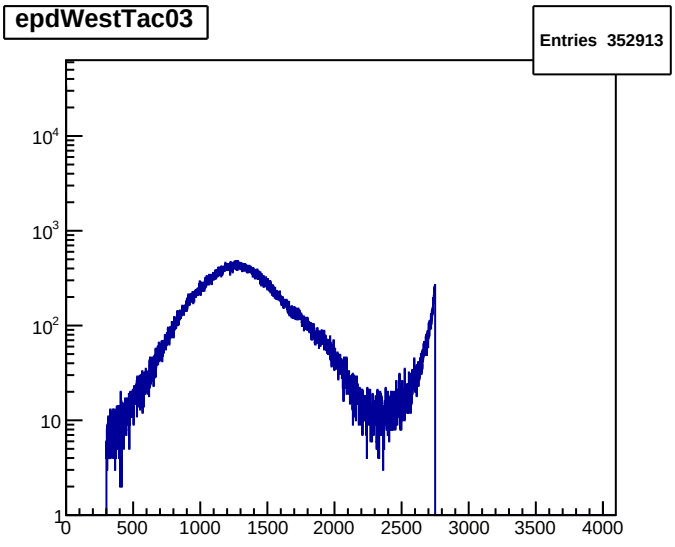

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

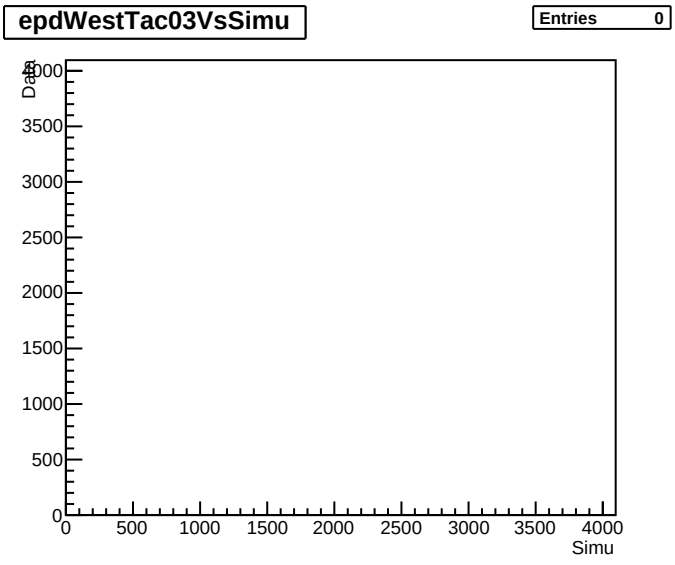

epdEastTac47
Entries 352913
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 352913
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120


epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 352913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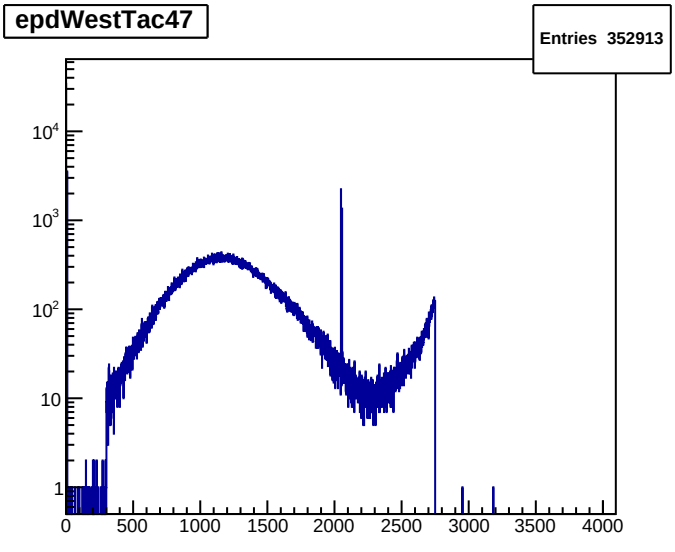
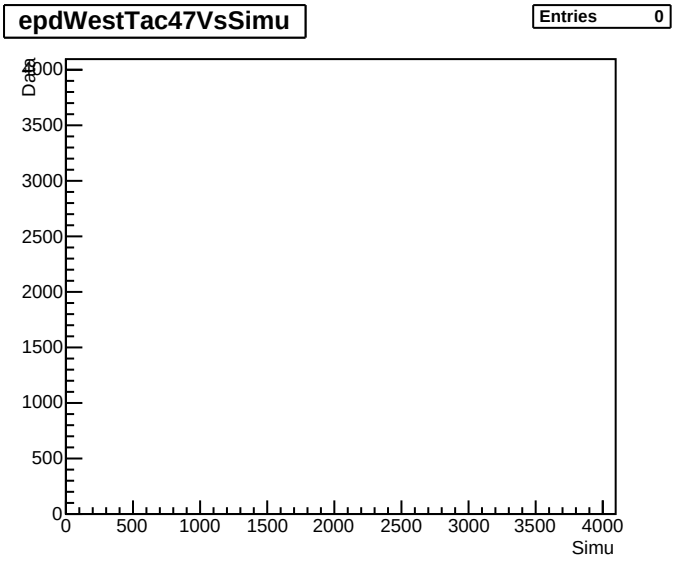
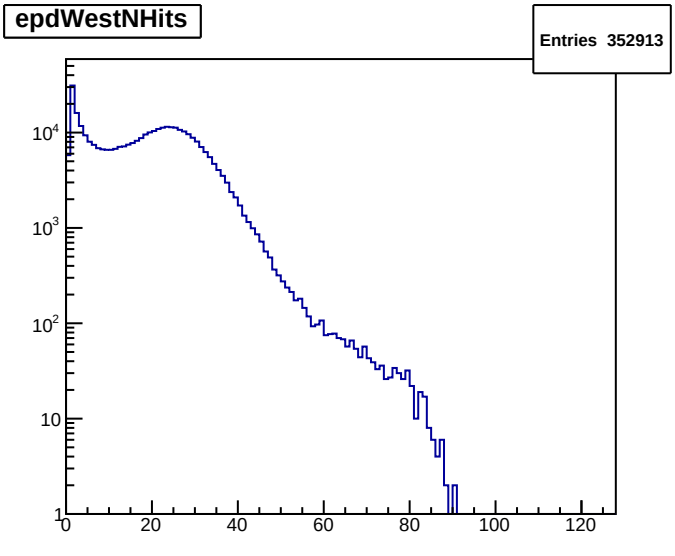
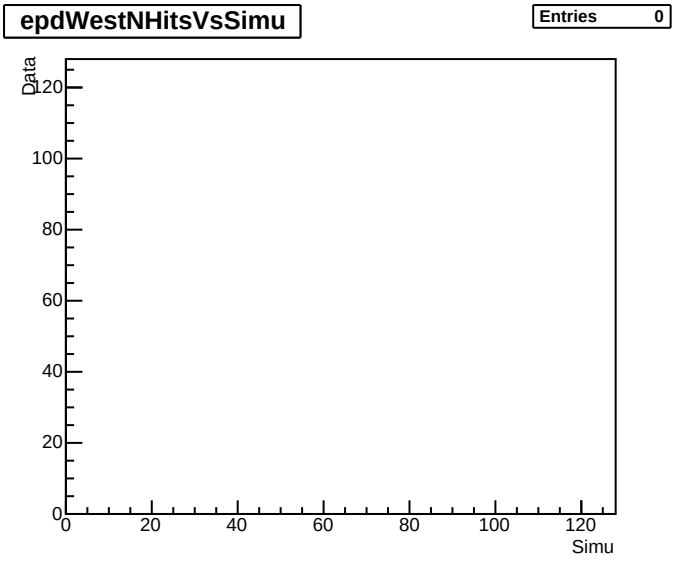
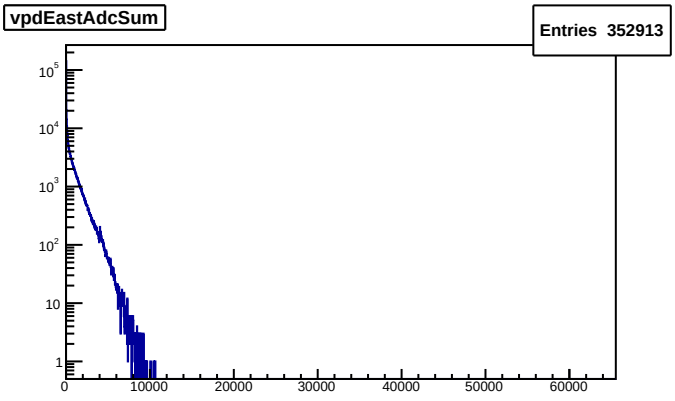
Entries 0
Data
Simu

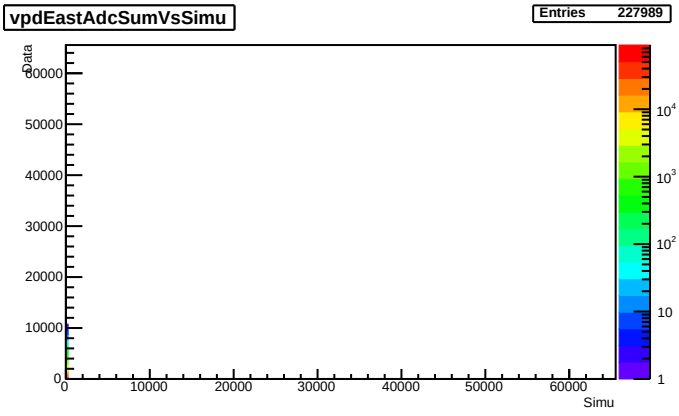

epdWestTac47
Entries 352913

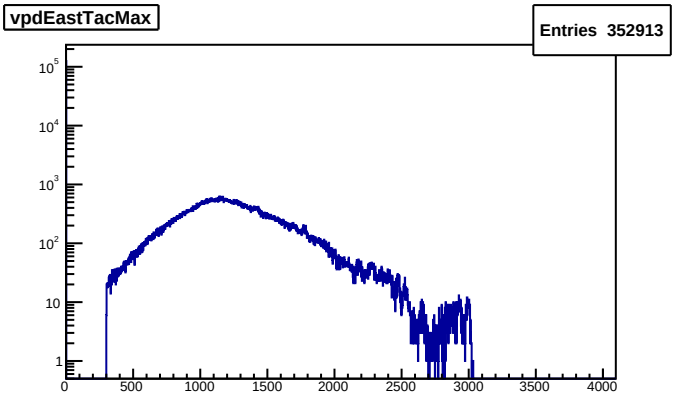

epdWestTac47VsSimu
Entries 0
Data
Simu

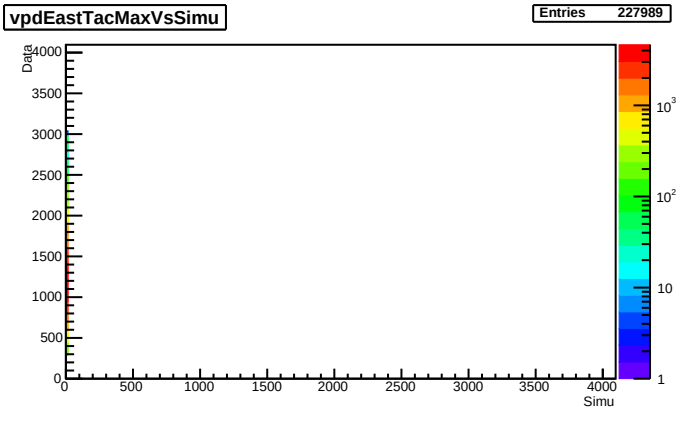

epdWestNHits
Entries 352913

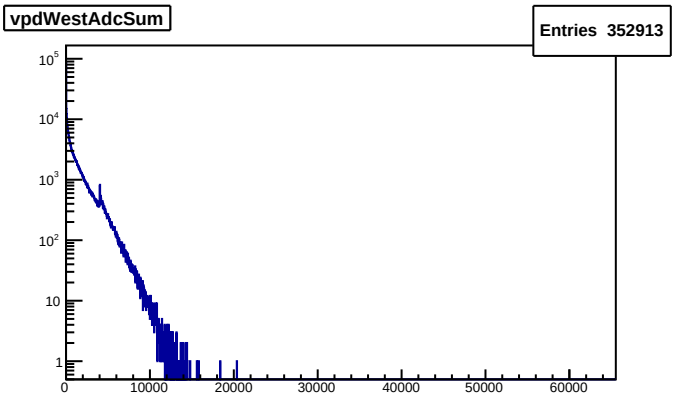

epdWestNHitsVsSimu
Entries 0
Data
Simu

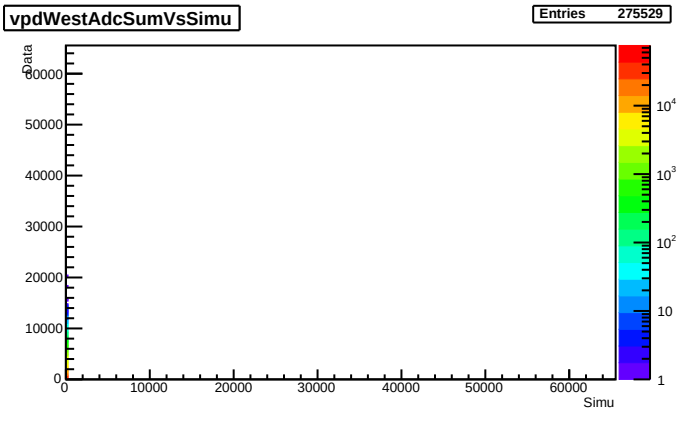

vpdEastAdcSum
Entries 352913

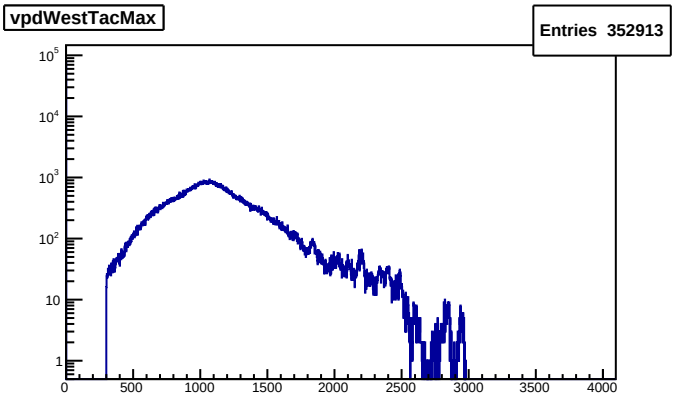

vpdEastAdcSumVsSimu
Entries 227989
Data
Simu

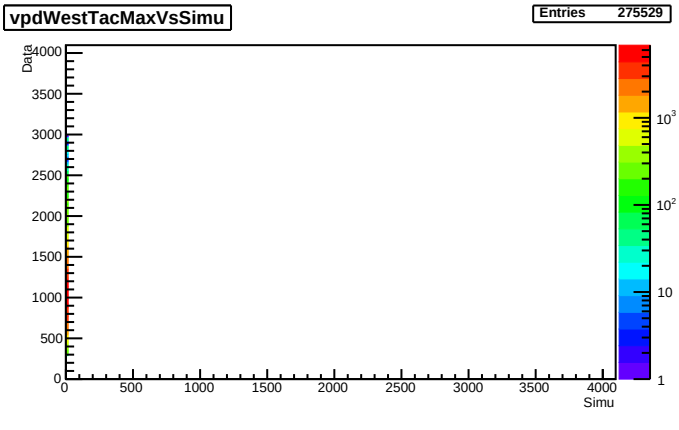

vpdEastTacMax
Entries 352913

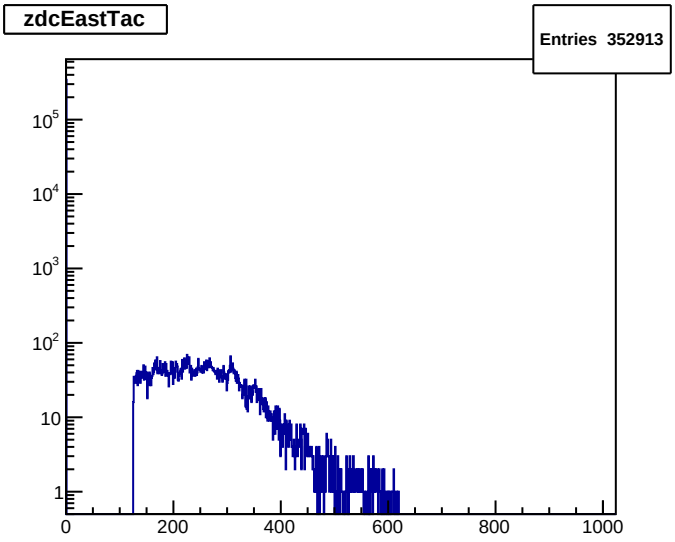

vpdEastTacMaxVsSimu
Entries 227989
Data
Simu

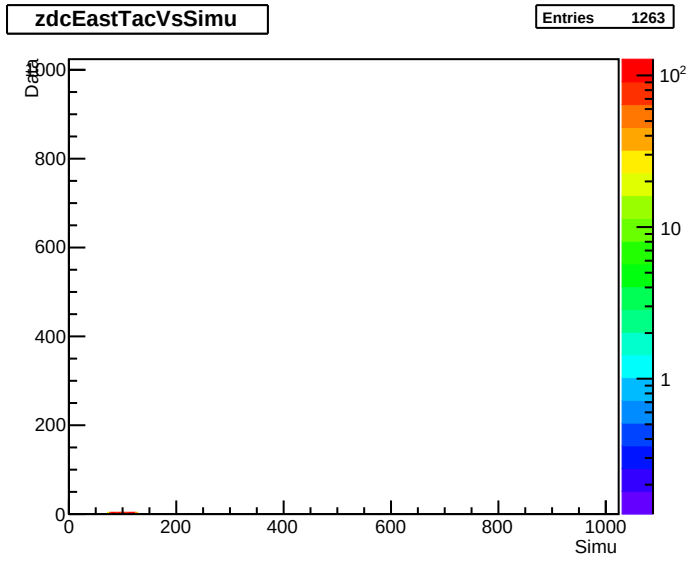

vpdWestAdcSum
Entries 352913

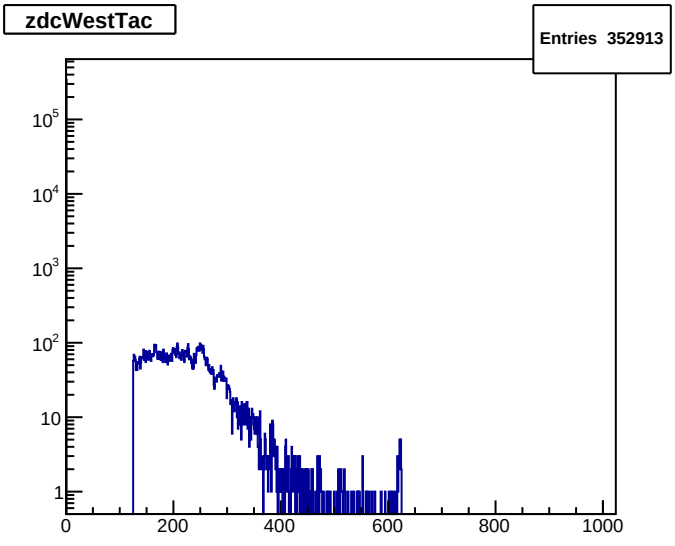

vpdWestAdcSumVsSimu
Entries 275529
Data
Simu

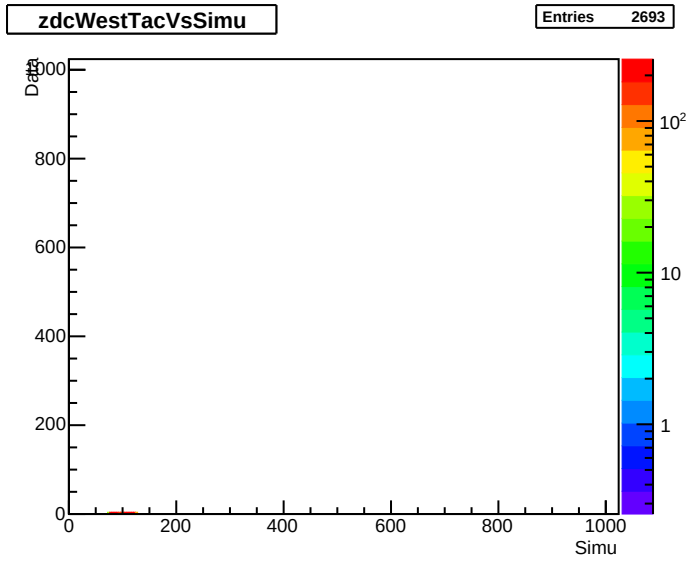

vpdWestTacMax
Entries 352913

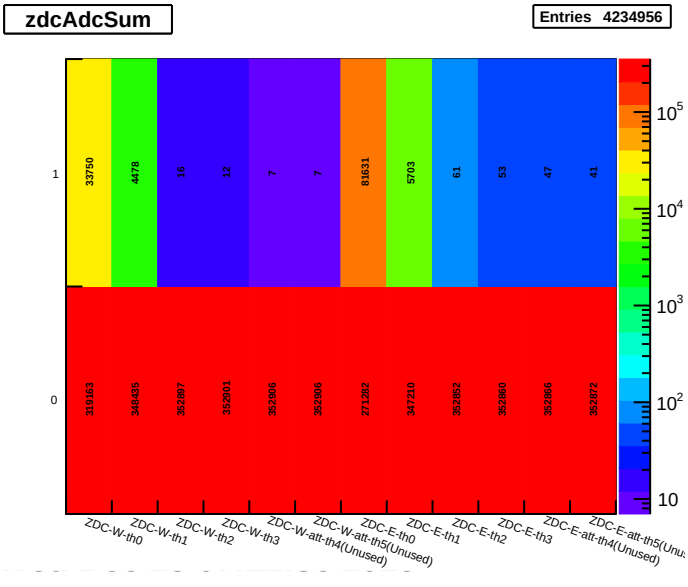

vpdWestTacMaxVsSimu
Entries 275529
Data
Simu

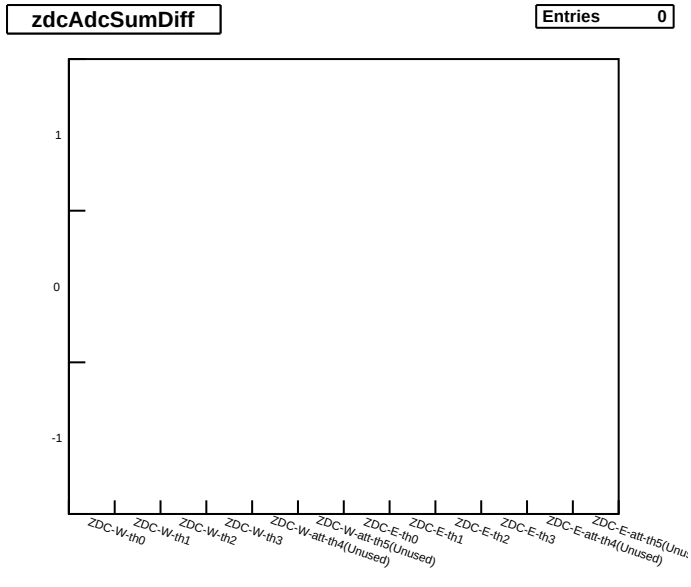

zdcEastTac
Entries 352913

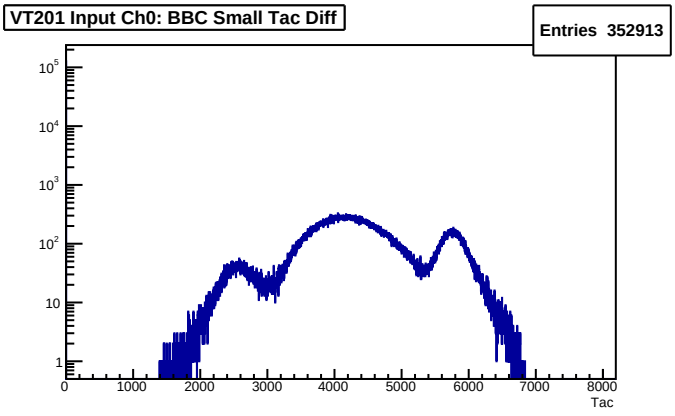

zdcEastTacVsSimu
Entries 1263
Data
Simu

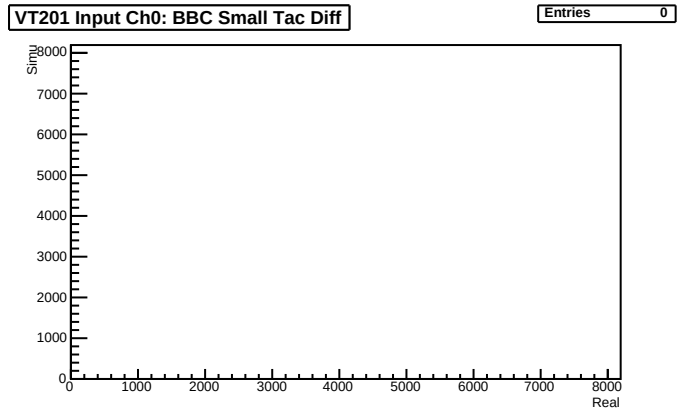

zdcWestTac
Entries 352913

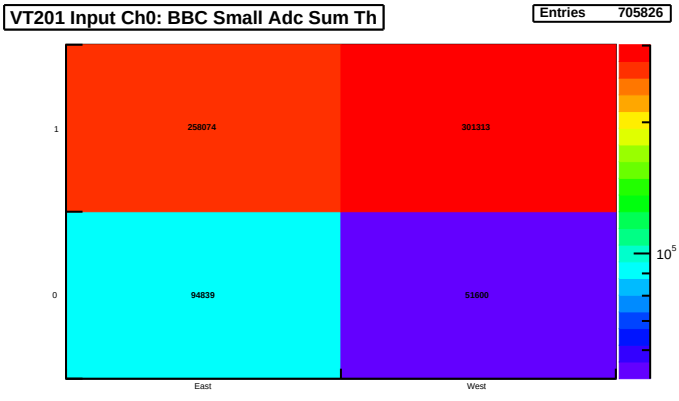

zdcWestTacVsSimu
Entries 2693
Data
Simu

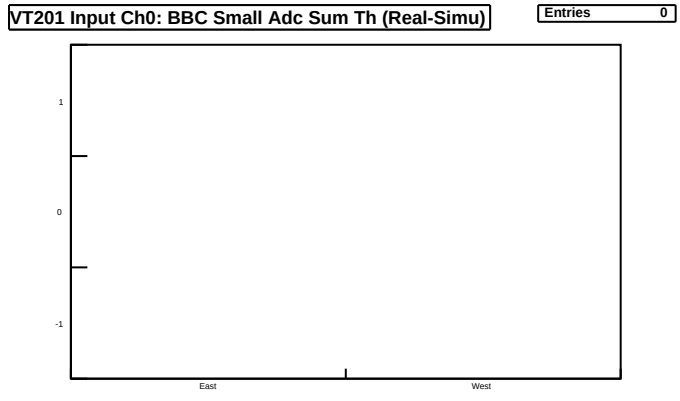

zdcAdcSum
Entries 4234956
33750
4478
16
12
7
7
81631
5703
61
53
47
41
319163
349435
352897
352901
352906
352906
271282
347210
352852
352860
352866
352872
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

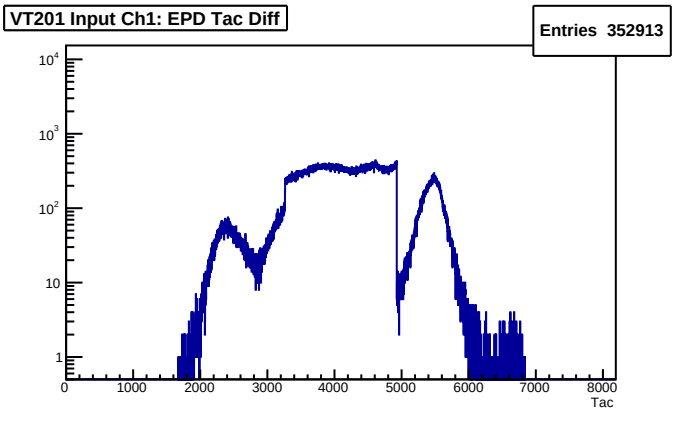

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

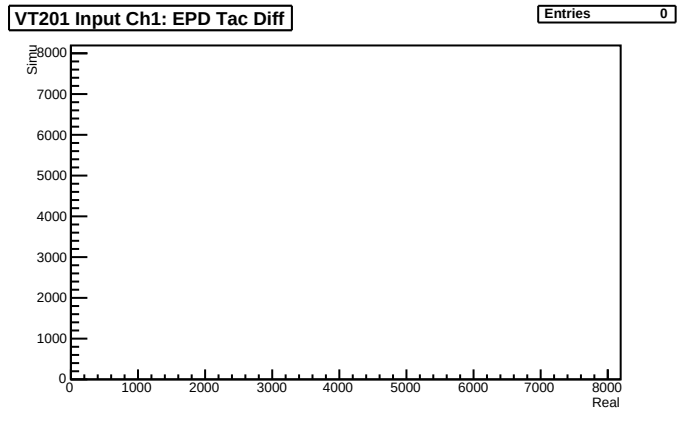

VT201 Input Ch0: BBC Small Tac Diff
Entries 352913
Tac

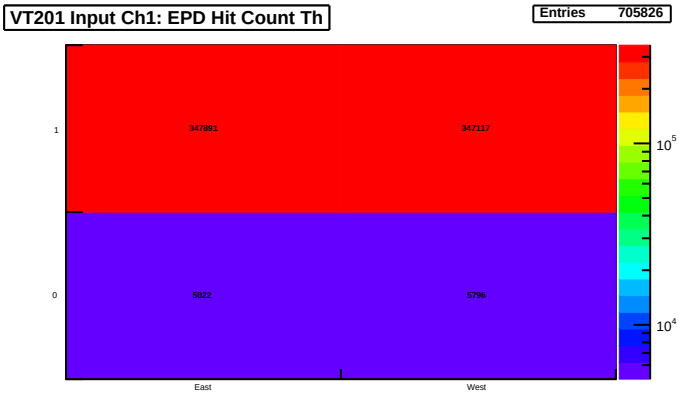

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

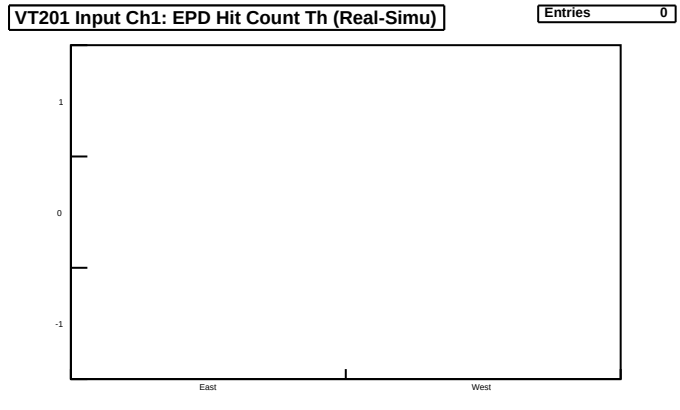

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 705826
258074
301313
94839
51600
East
West

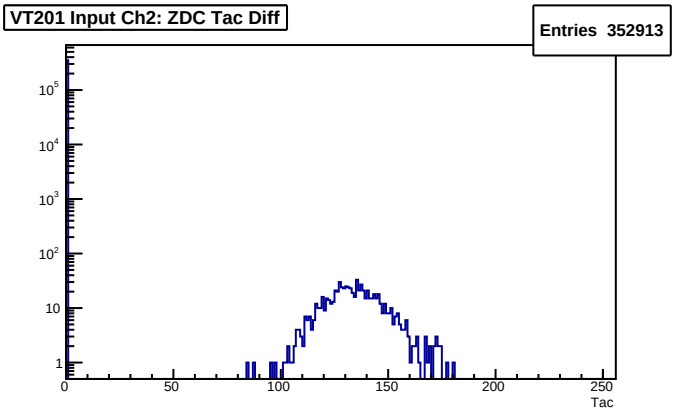

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

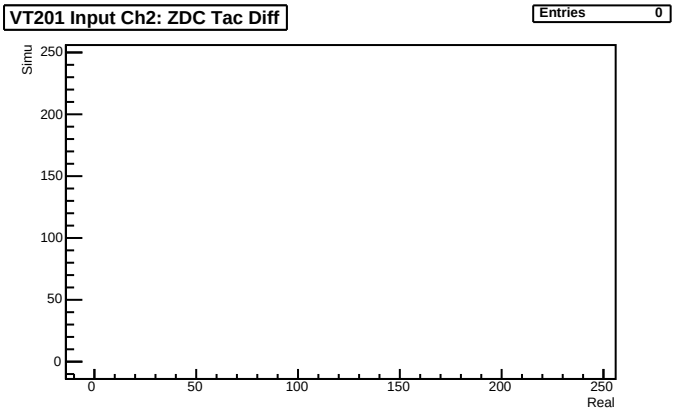

VT201 Input Ch1: EPD Tac Diff
Entries 352913
Tac

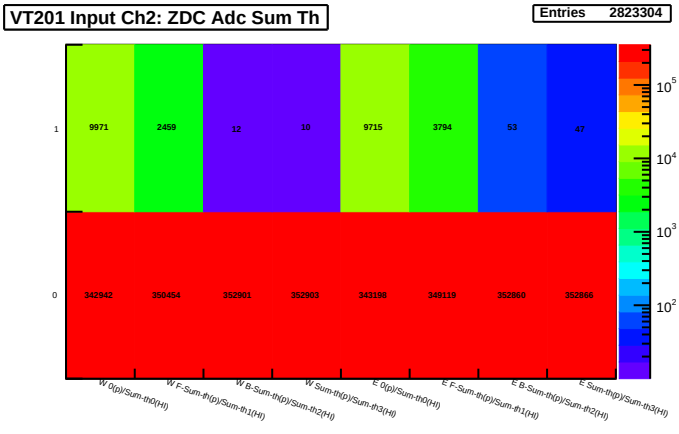

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

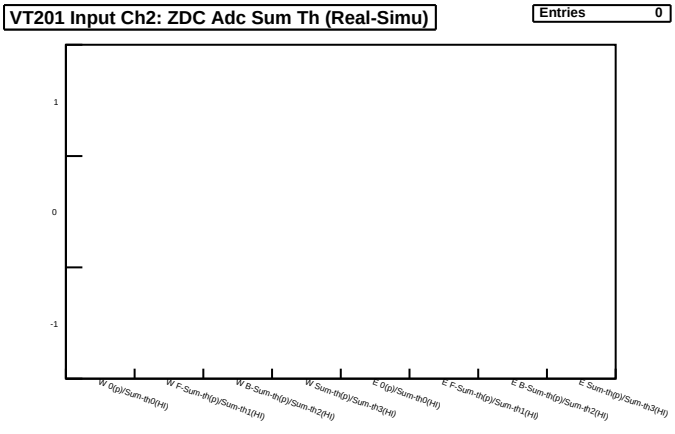

VT201 Input Ch1: EPD Hit Count Th
Entries 705826
347891
347117
5022
5796
East
West

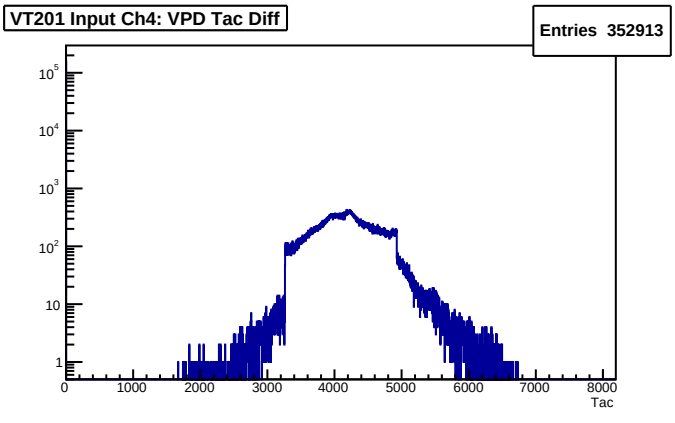

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

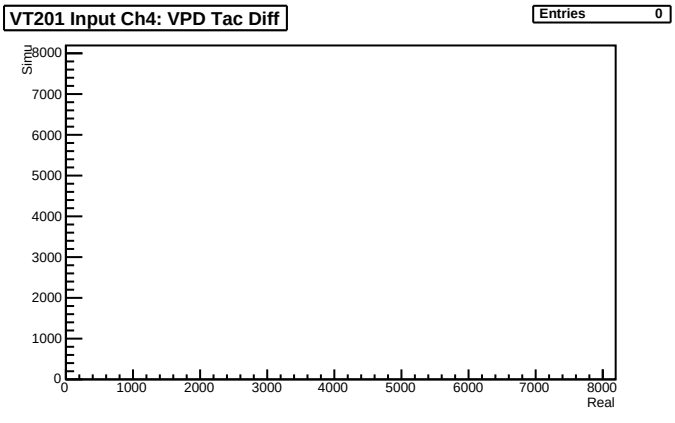

VT201 Input Ch2: ZDC Tac Diff
Entries 352913
Tac

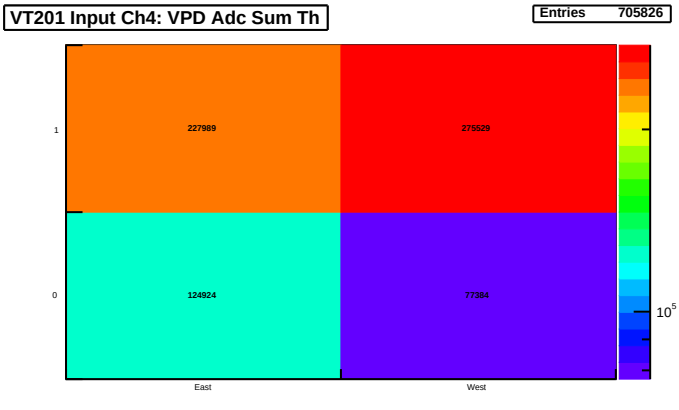

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

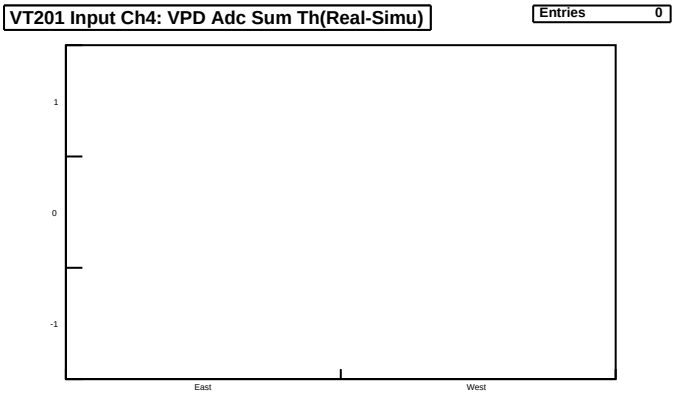

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2823304
9971
2459
12
10
9715
3794
53
47
342942
350454
352901
352903
343198
349119
352860
352866
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

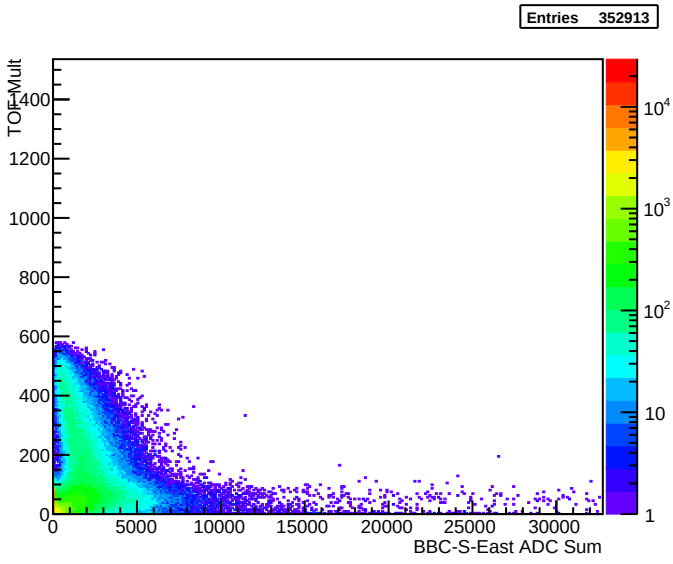

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

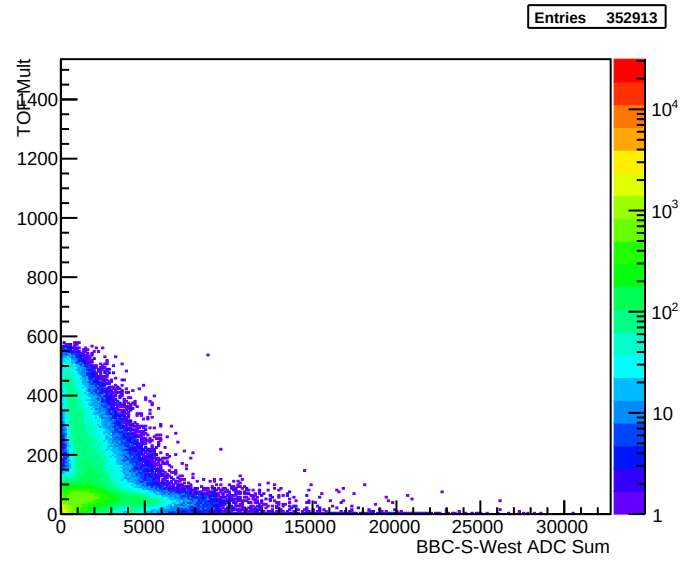

VT201 Input Ch4: VPD Tac Diff
Entries 352913
Tac

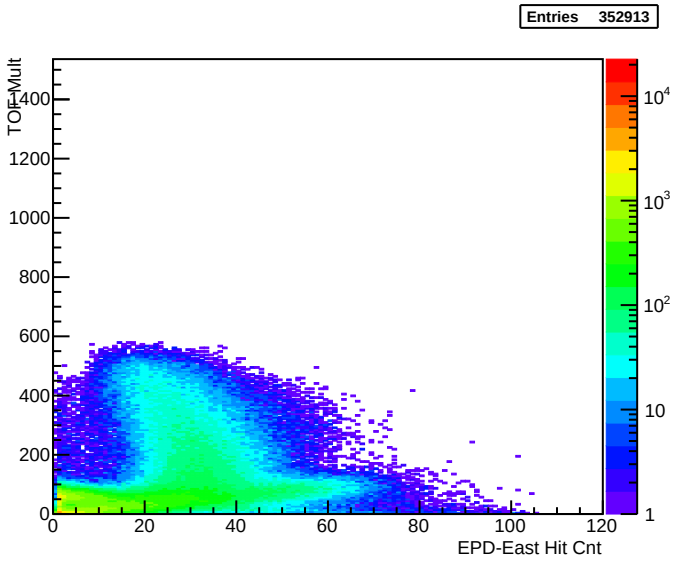

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

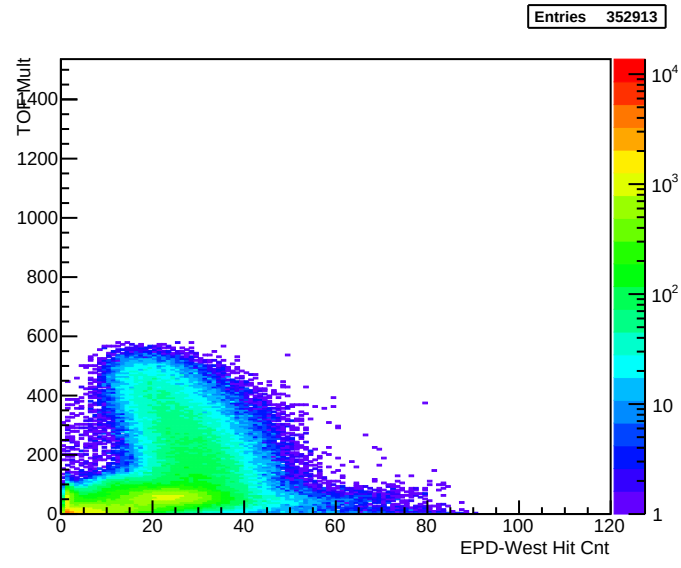

VT201 Input Ch4: VPD Adc Sum Th
Entries 705826
227989
275529
124924
77384
East
West

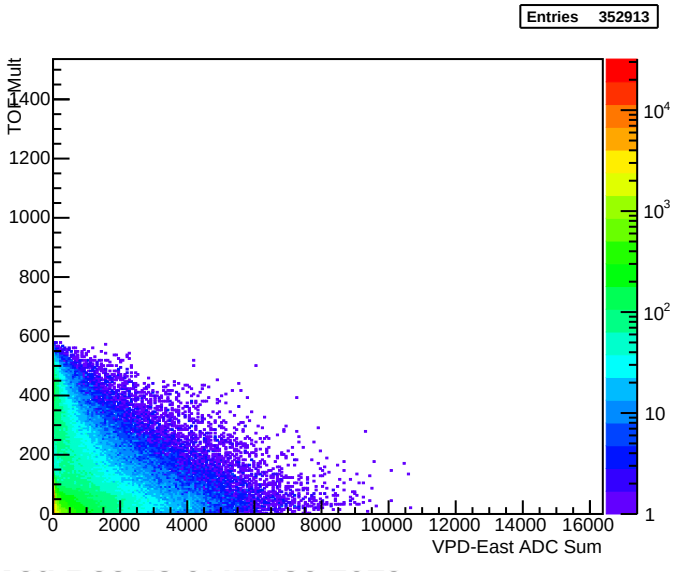

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

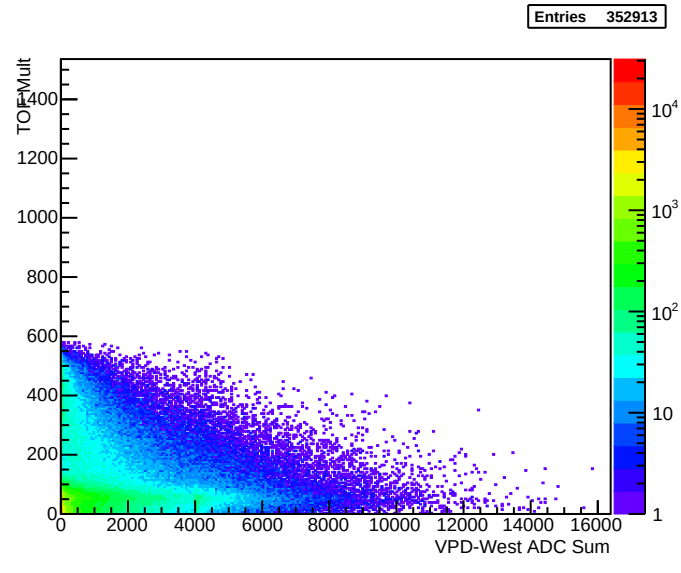

Entries 352913
TOF-Mult
BBC-S-East ADC Sum

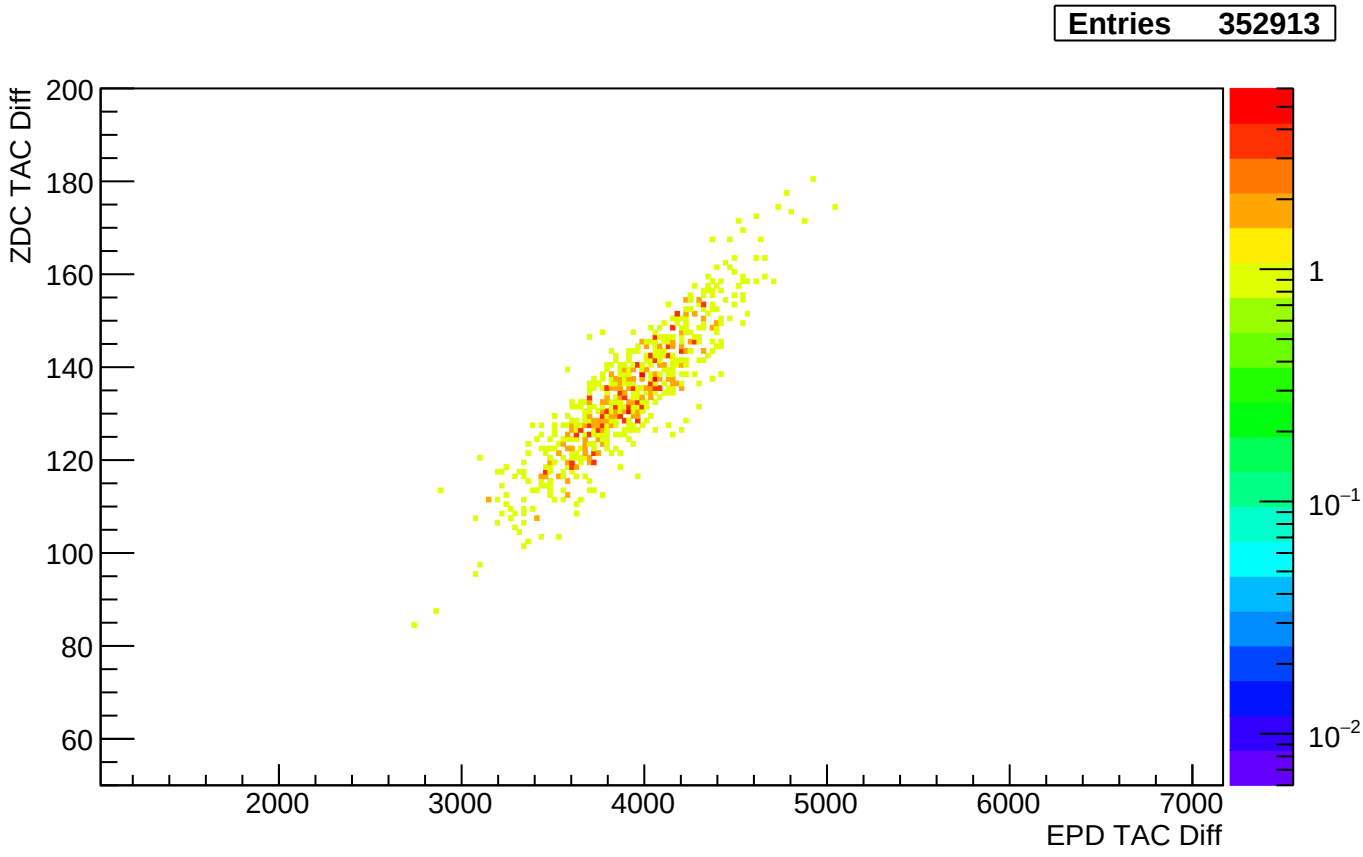

Entries 352913
TOF-Mult
BBC-S-West ADC Sum

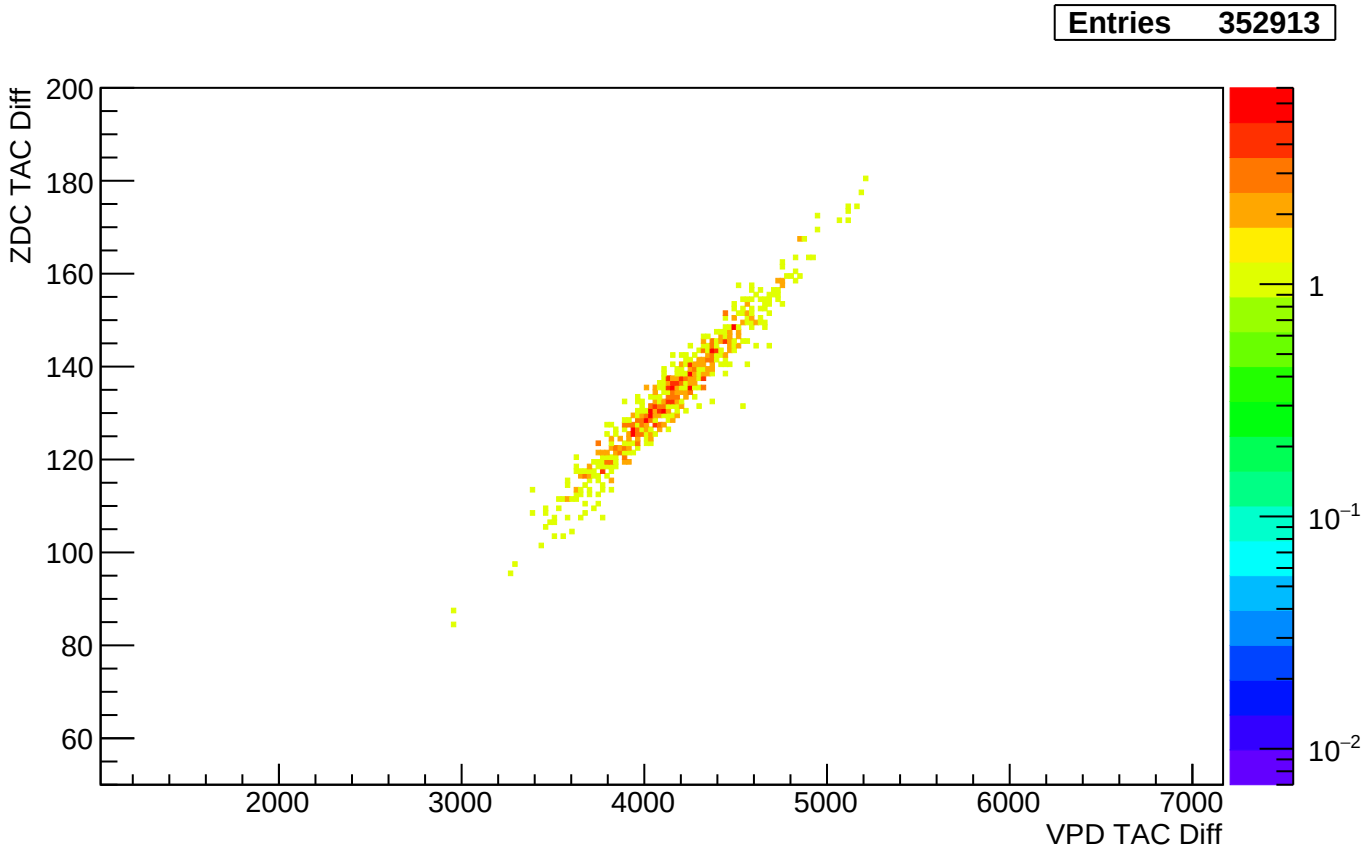

Entries 352913
TOF-Mult
EPD-East Hit Cnt

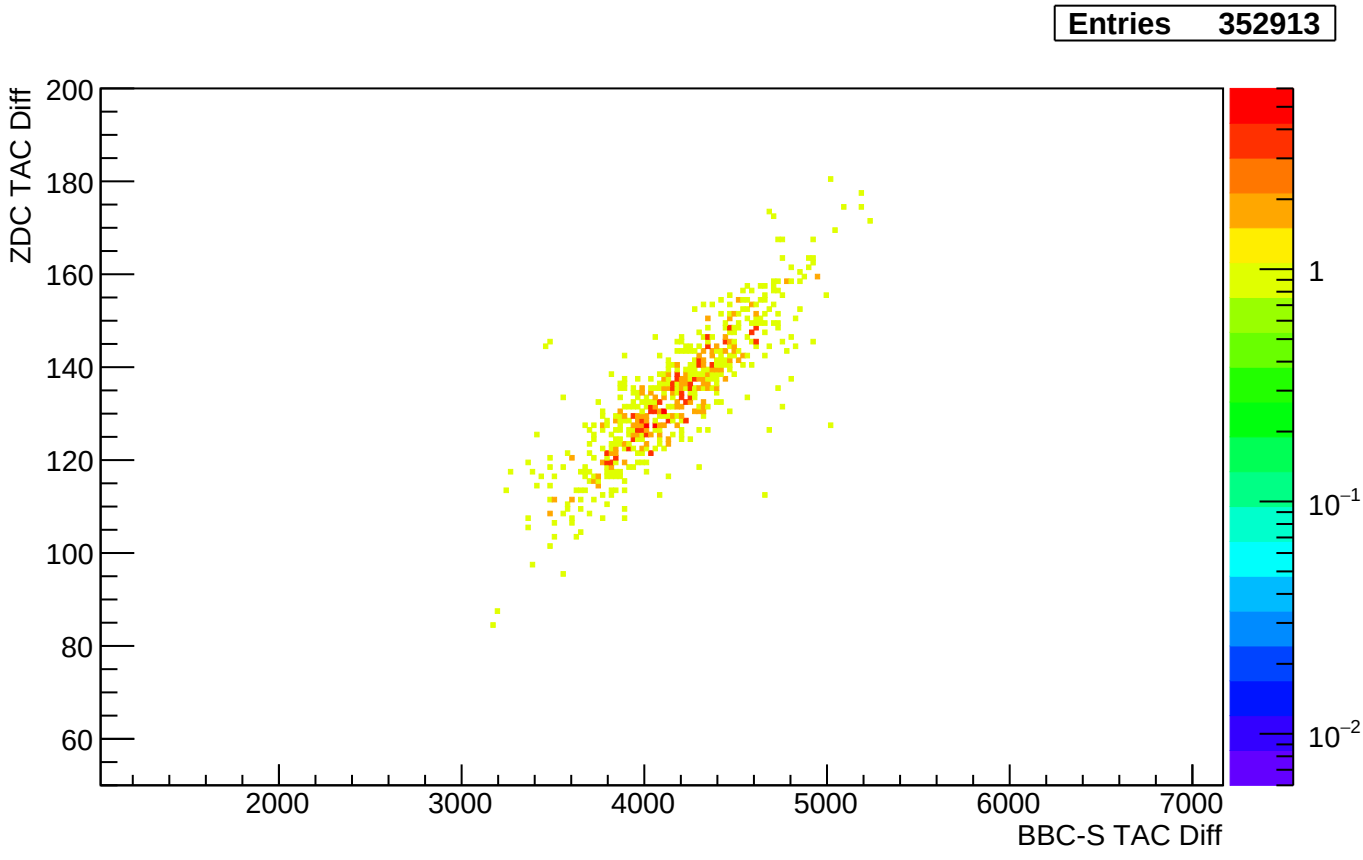

Entries 352913
TOF-Mult
EPD-West Hit Cnt

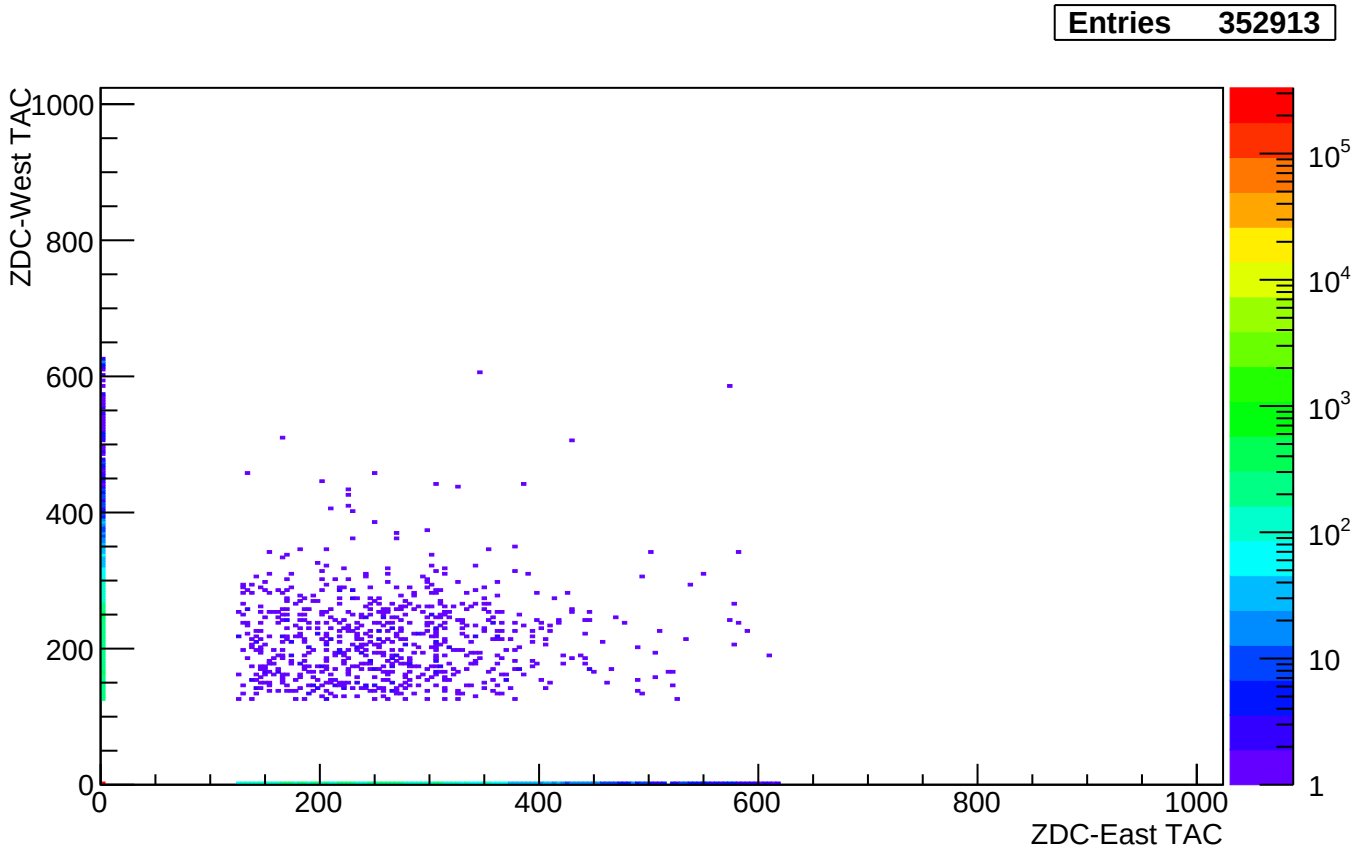

Entries 352913
TOF-Mult
VPD-East ADC Sum

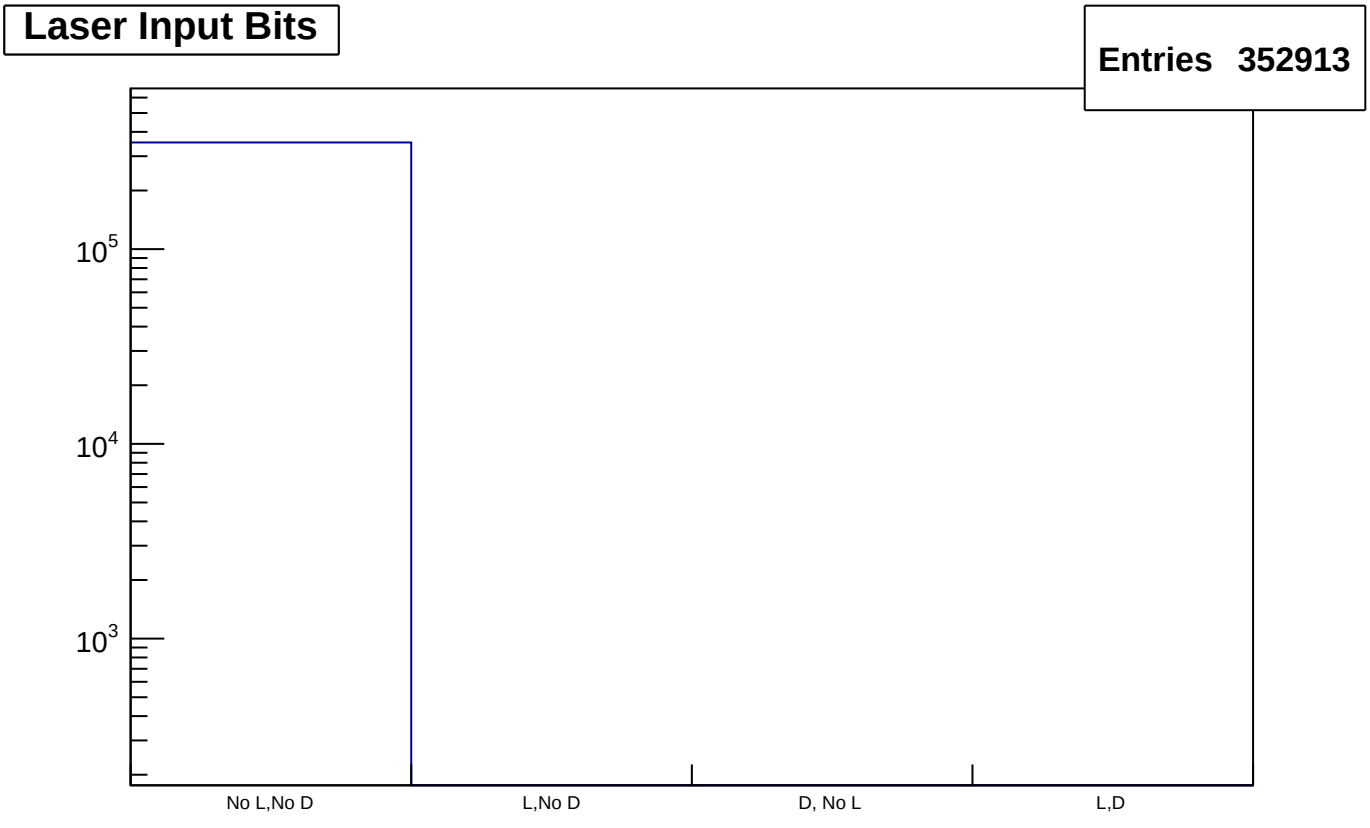

Entries 352913
TOF-Mult
VPD-West ADC Sum

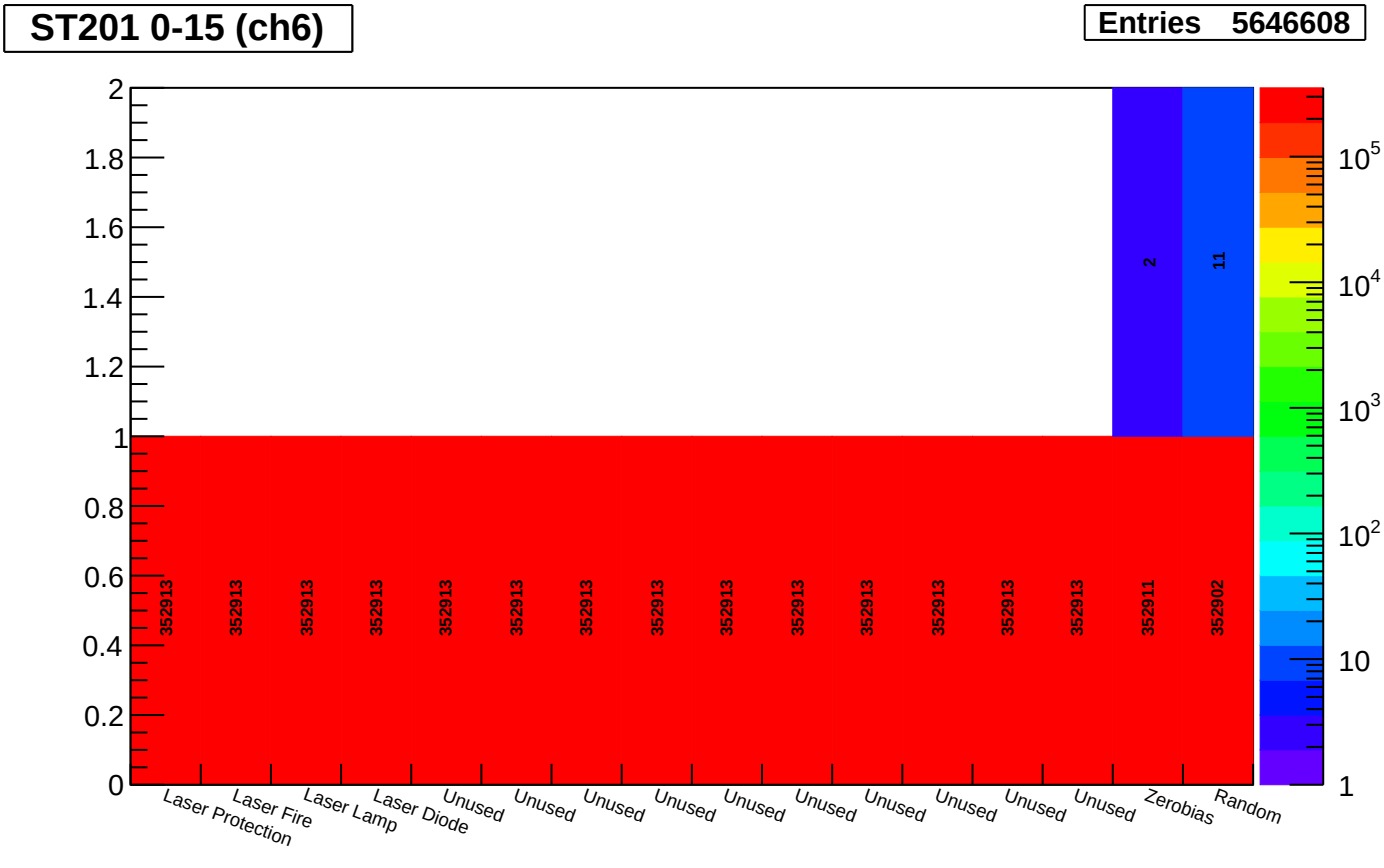

Entries 352913
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

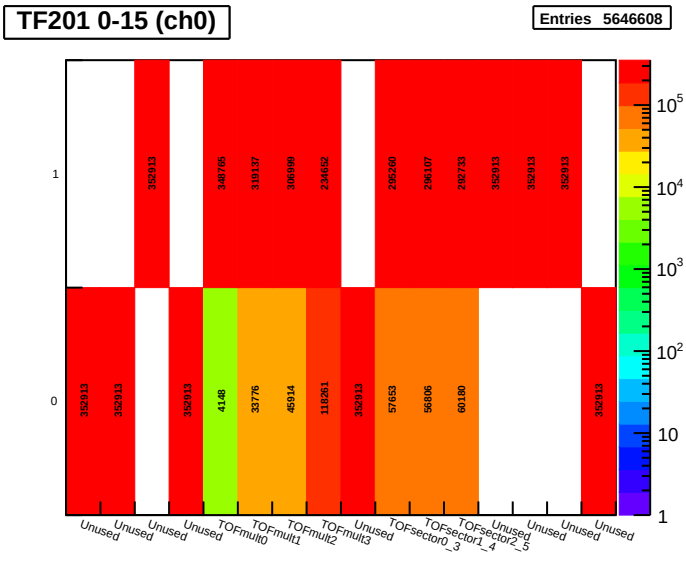

Entries 352913
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

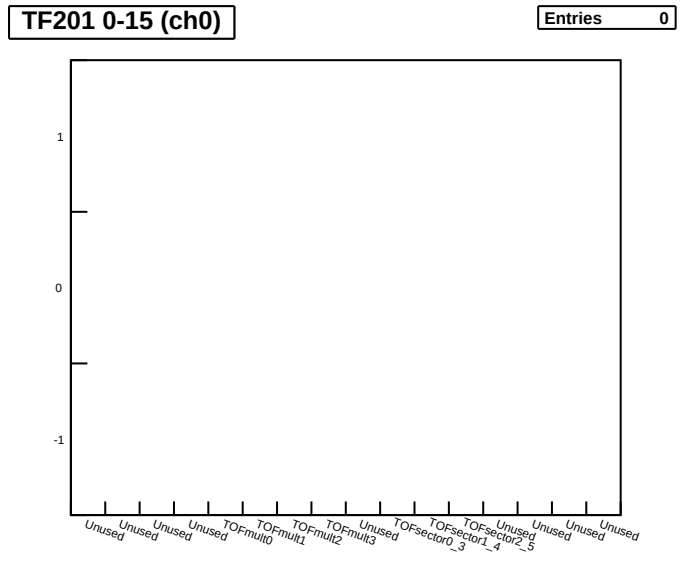

Entries 352913
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

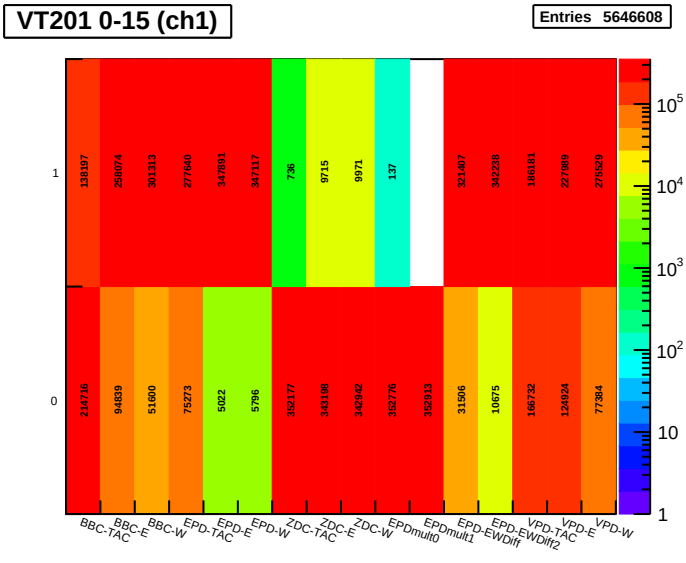

Entries 352913
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

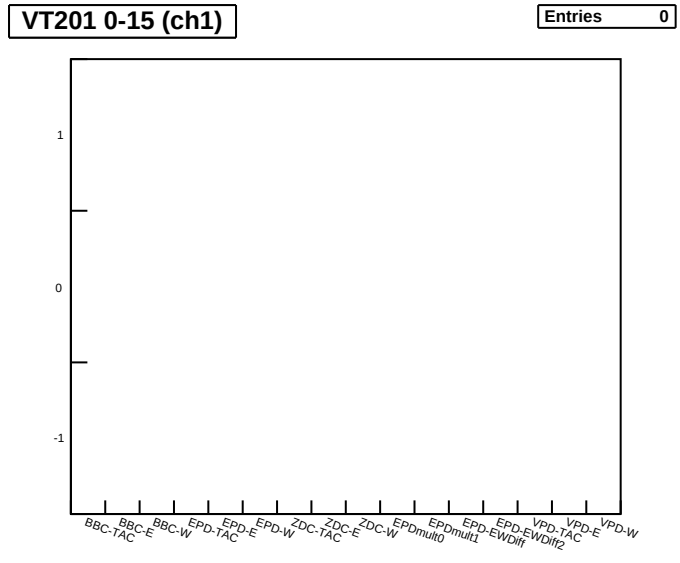

Laser Input Bits
Entries 352913
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

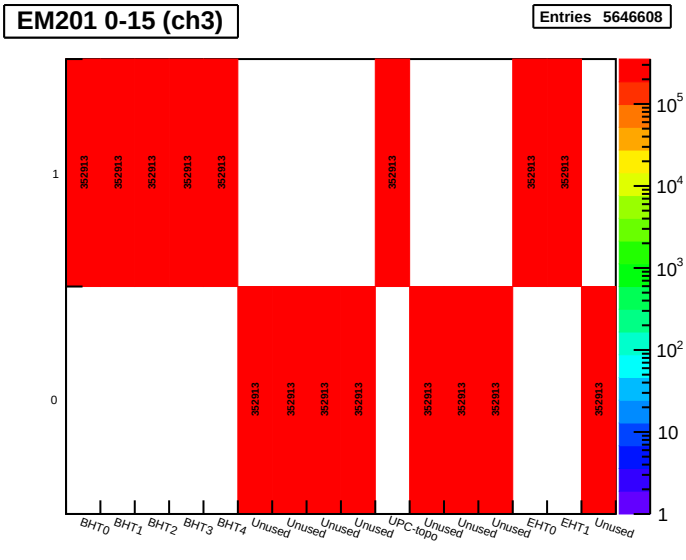

ST201 0-15 (ch6)
Entries 5646608
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
352913
352913
352913
352913
352913
352913
352913
352913
352913
352913
352913
352913
352913
352913
352911
352902
2
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

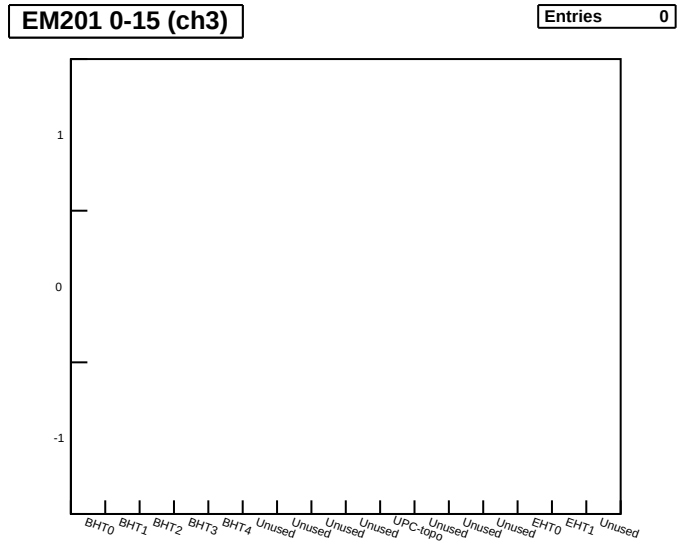

TF201 0-15 (ch0)
Entries 5646608
1
0
352913
348765
319137
306999
234652
295260
296107
292733
352913
352913
352913
352913
352913
352913
4148
33776
45914
118261
352913
57653
56806
60180
352913
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 5646608
1
0
138197
258074
301313
277640
347891
347117
736
9715
9971
137
321407
342238
186181
227989
275529
214716
94839
51600
75273
5022
5796
352177
343198
342942
352776
352913
31506
10675
166732
124924
77384
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 5646608
1
0
352913
352913
352913
352913
352913
352913
352913
352913
352913
352913
352913
352913
352913
352913
352913
352913
352913
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


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