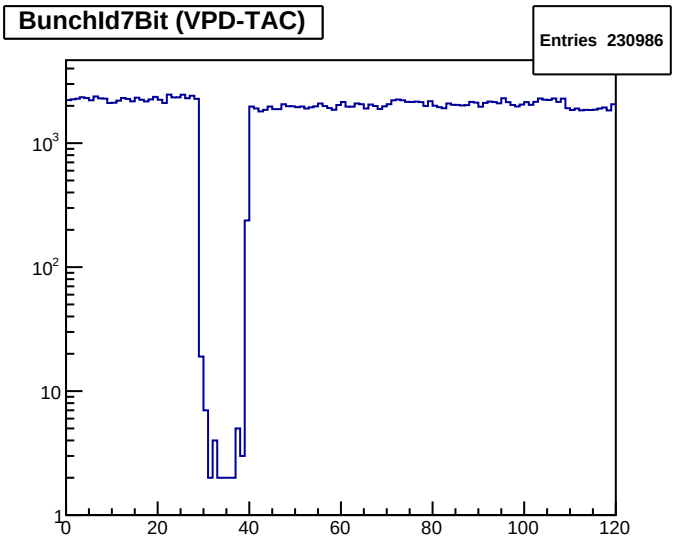
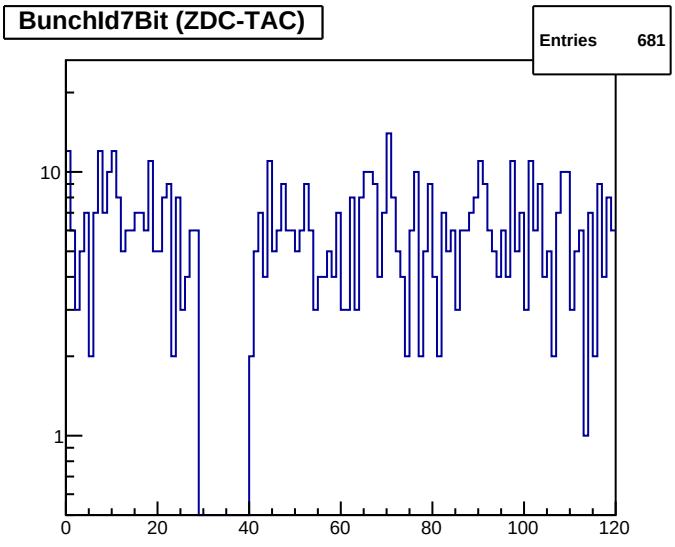
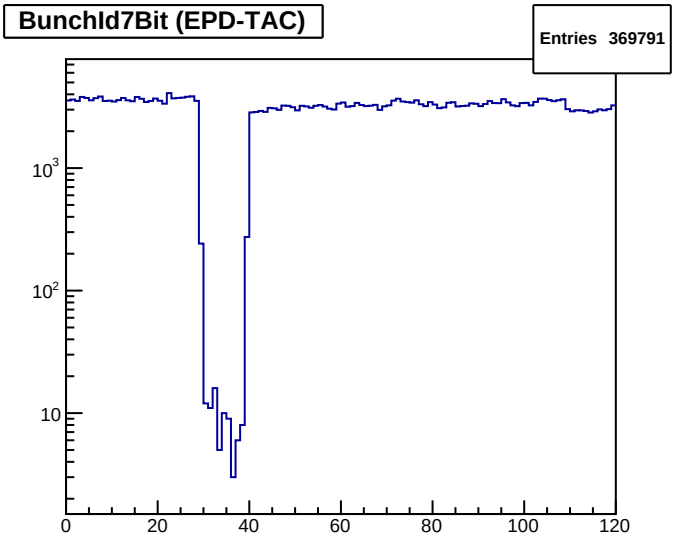
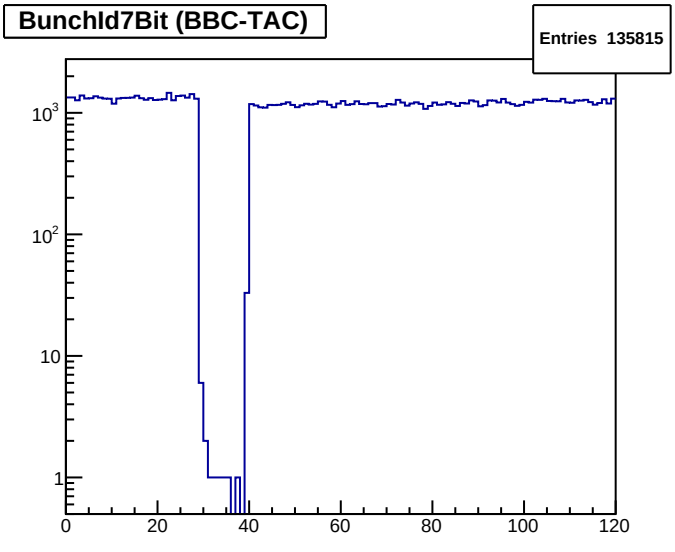
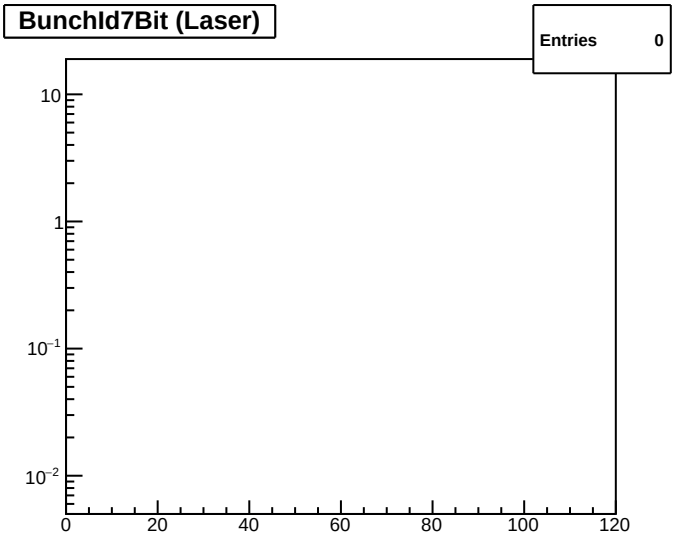
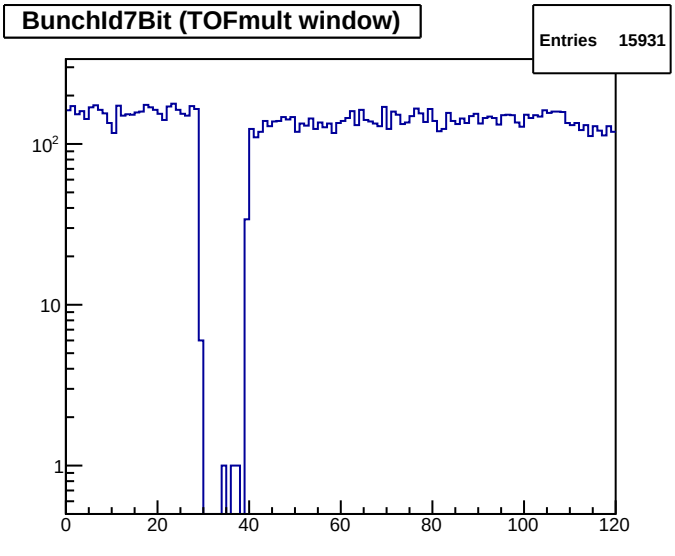

BunchId7Bit (VPD-TAC)
Entries 230986

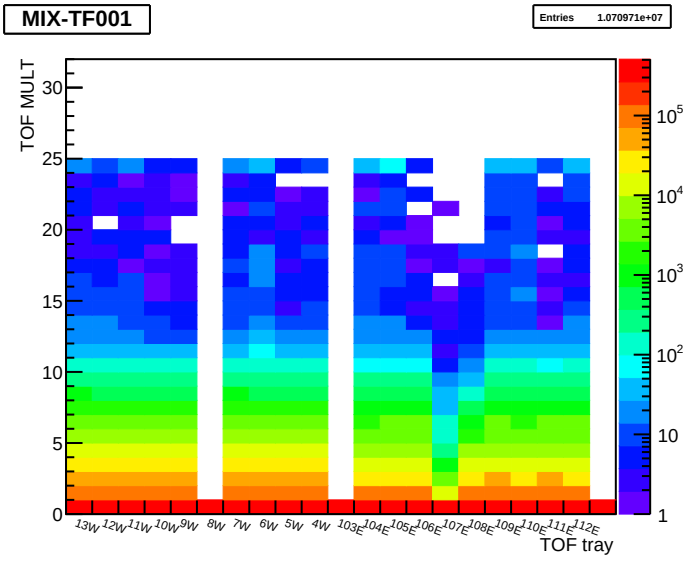

BunchId7Bit (ZDC-TAC)
Entries 681

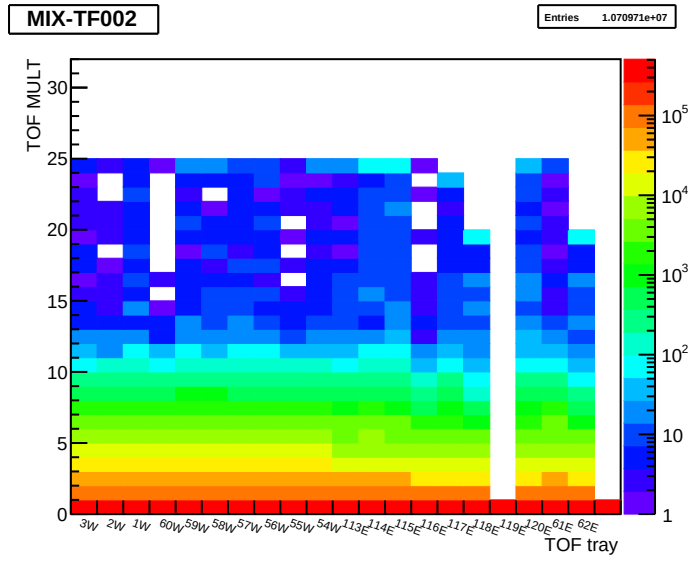

BunchId7Bit (EPD-TAC)
Entries 369791

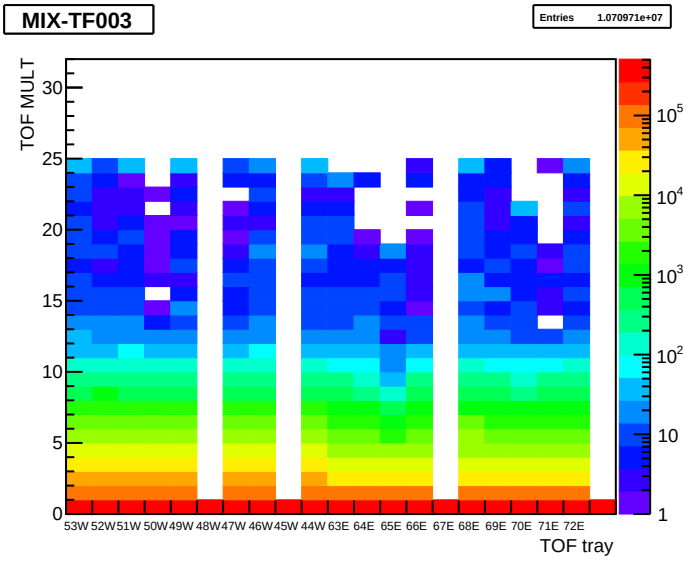

BunchId7Bit (BBC-TAC)
Entries 135815

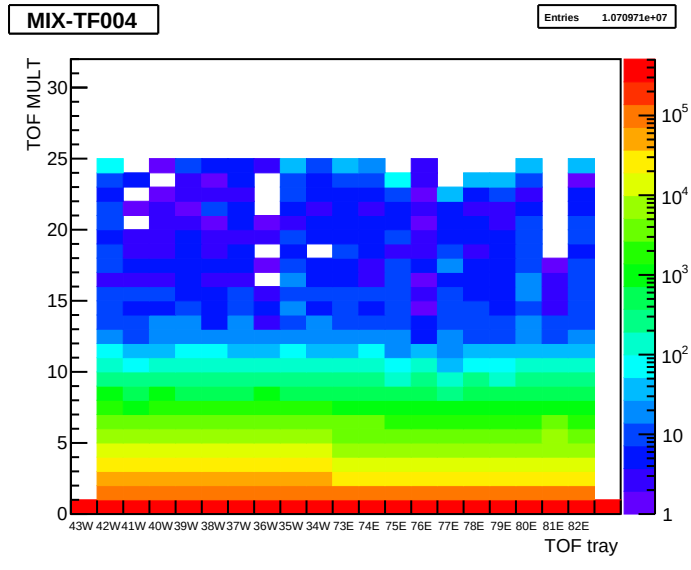

BunchId7Bit (Laser)
Entries 0

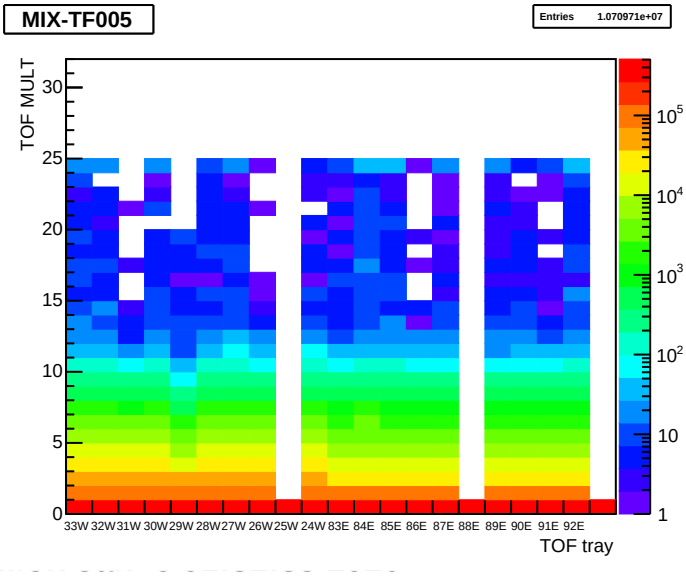

BunchId7Bit (TOFmult window)
Entries 15931

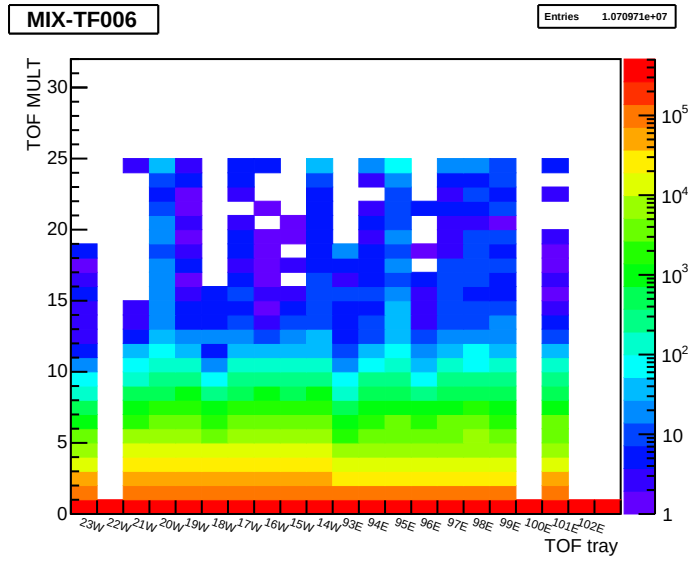

MIX-TF001
Entries 1.070971e+07
TOF MULT
TOF tray

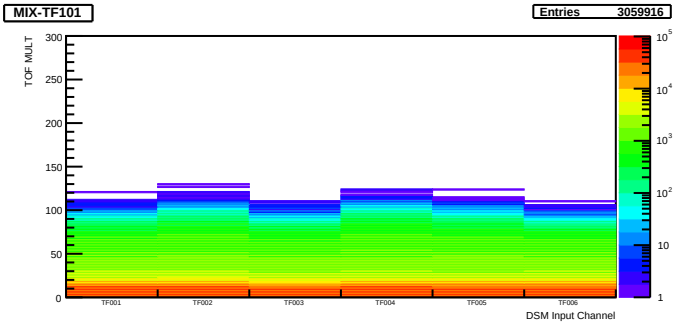

MIX-TF002
Entries 1.070971e+07
TOF MULT
TOF tray

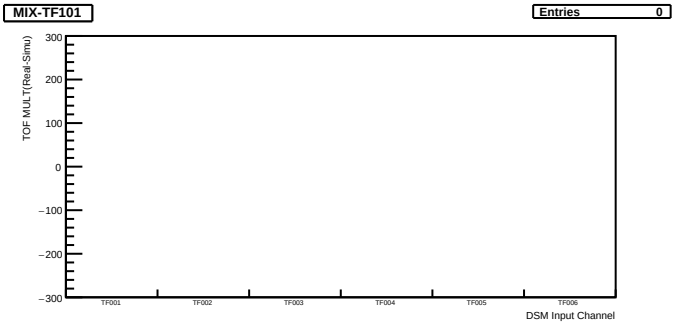

MIX-TF003
Entries 1.070971e+07
TOF MULT
TOF tray

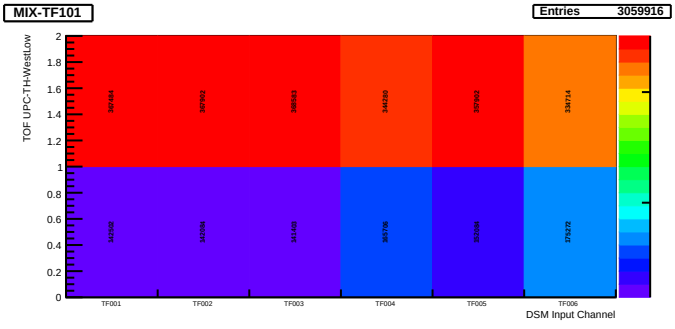

MIX-TF004
Entries 1.070971e+07
TOF MULT
TOF tray

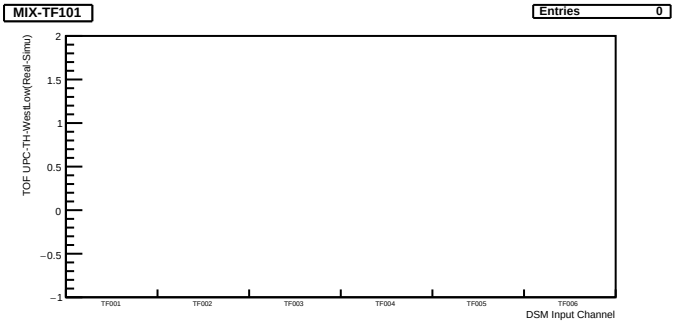

MIX-TF005
Entries 1.070971e+07
TOF MULT
TOF tray

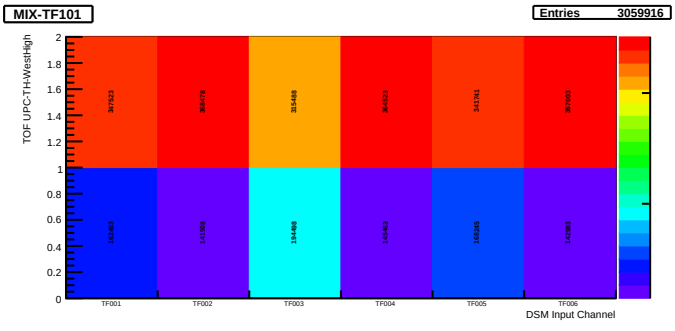

MIX-TF006
Entries 1.070971e+07
TOF MULT
TOF tray

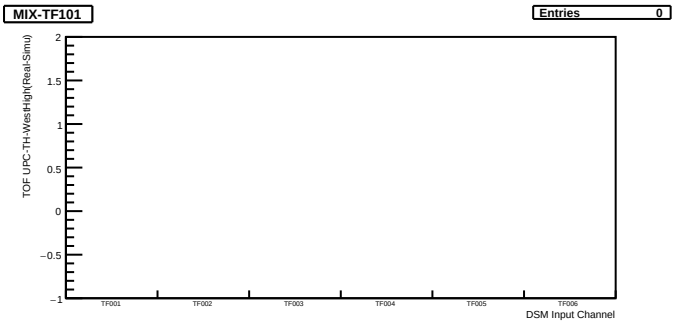

MIX-TF101
Entries 3059916
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

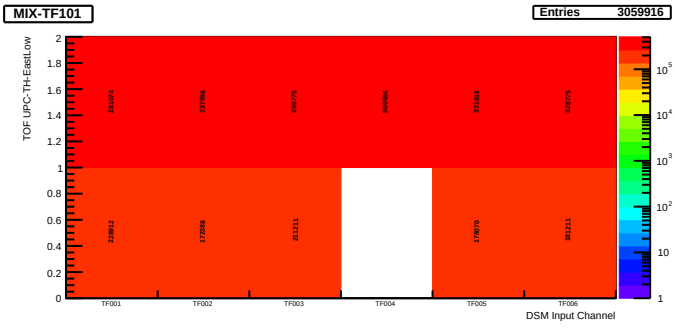

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

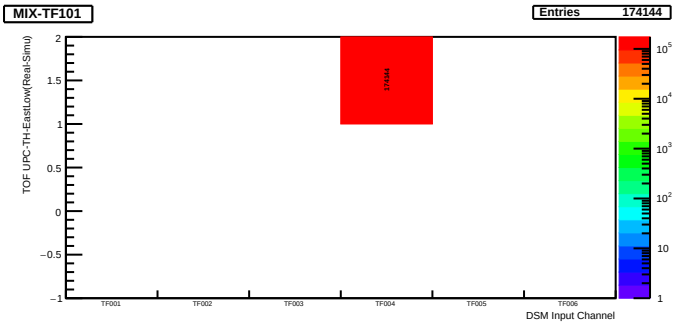

MIX-TF101
Entries 3059916
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

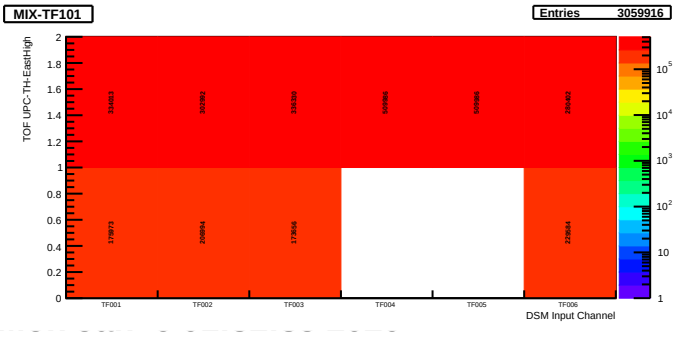

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

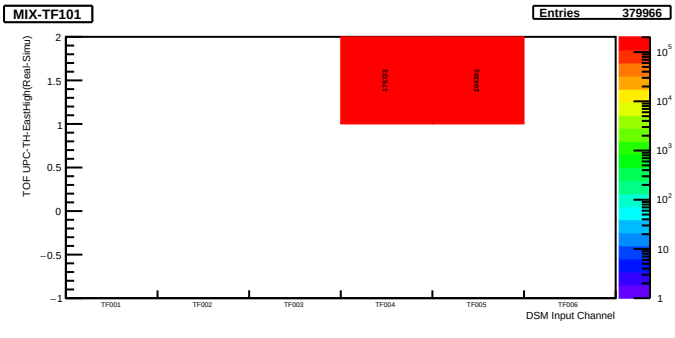

MIX-TF101
Entries 3059916
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

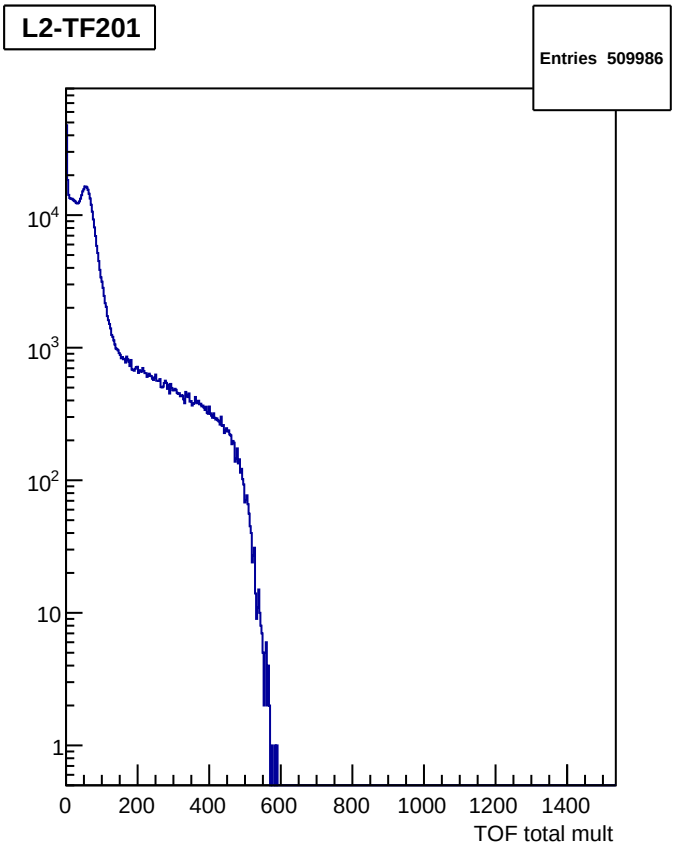

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

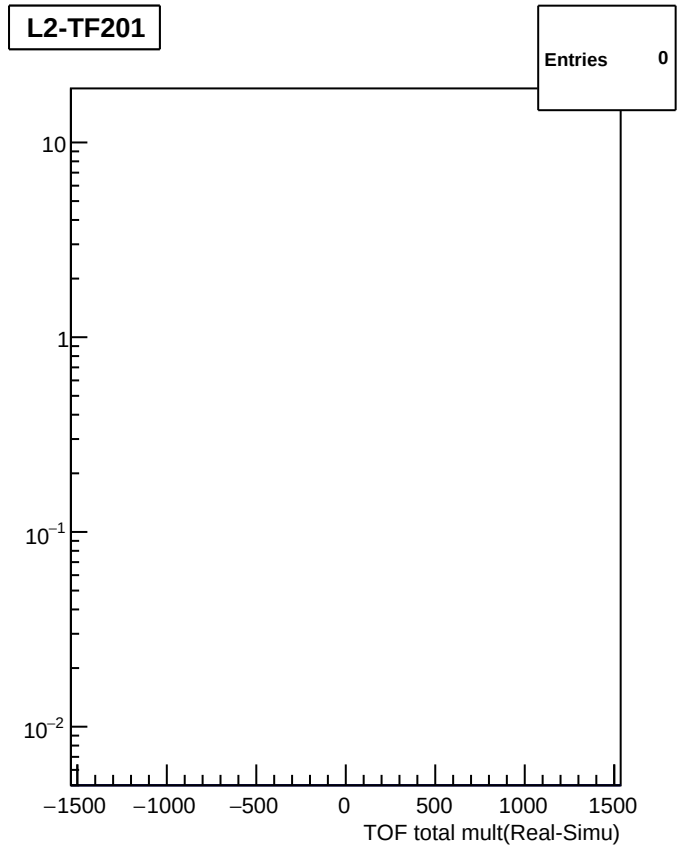

MIX-TF101
Entries 3059916
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

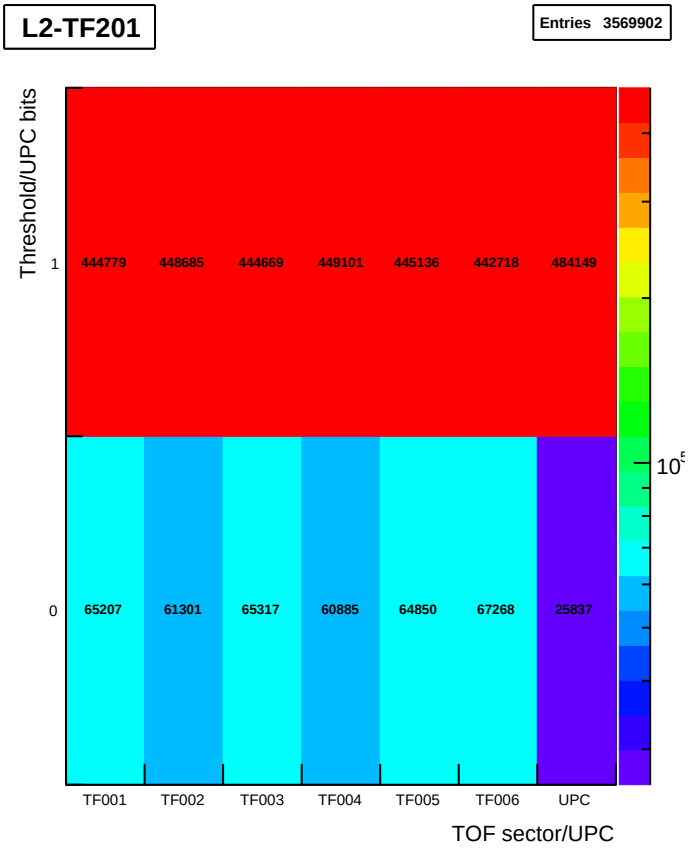

MIX-TF101
Entries 174144
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

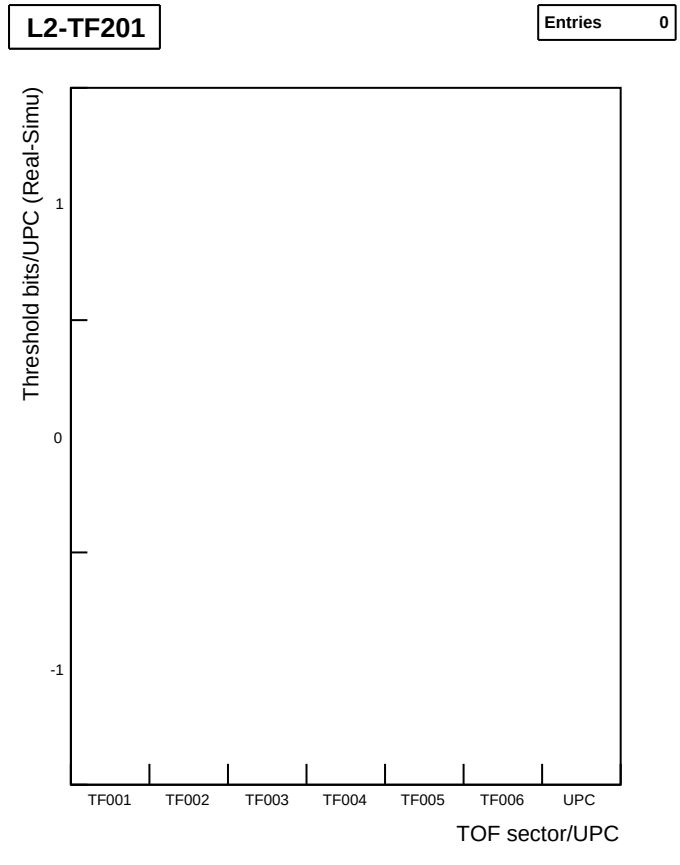

MIX-TF101
Entries 3059916
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

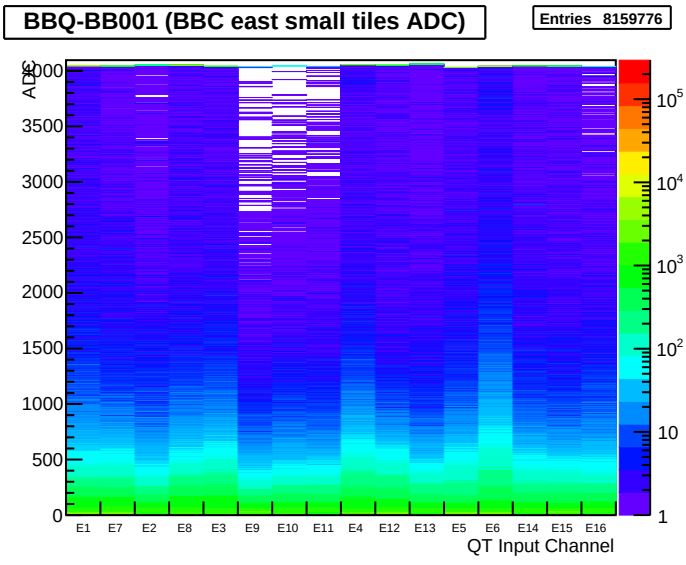

MIX-TF101
Entries 379966
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

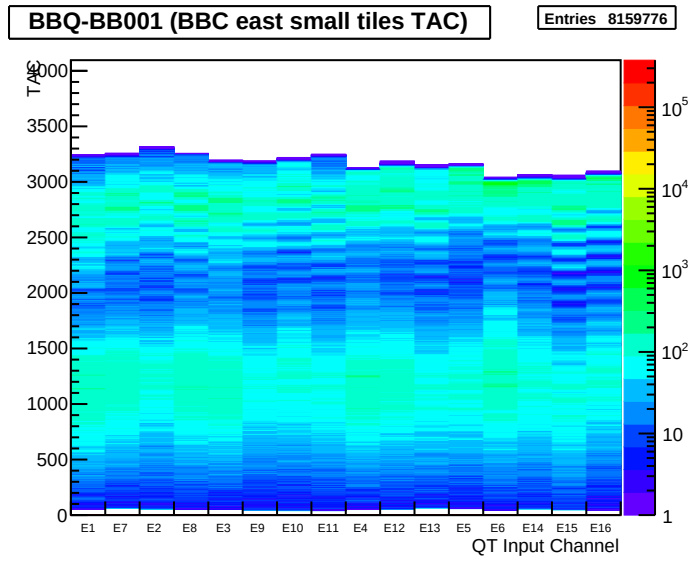

L2-TF201
Entries 509986
TOF total mult

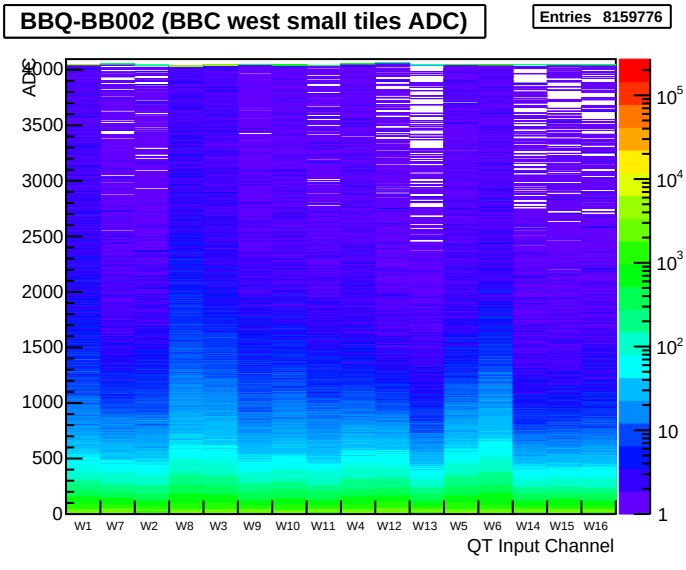

L2-TF201
Entries 0
TOF total mult(Real-Simu)

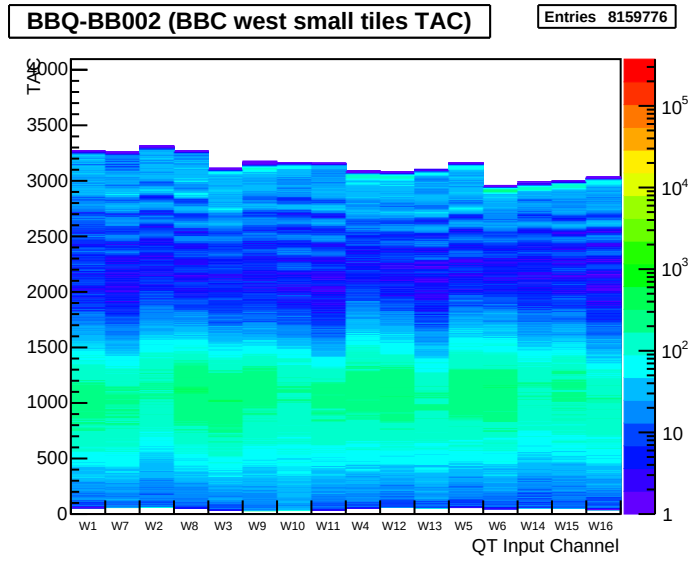

L2-TF201
Entries 3569902
Threshold/UPC bits
444779
448685
444669
449101
445136
442718
484149
65207
61301
65317
60885
64850
67268
25837
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

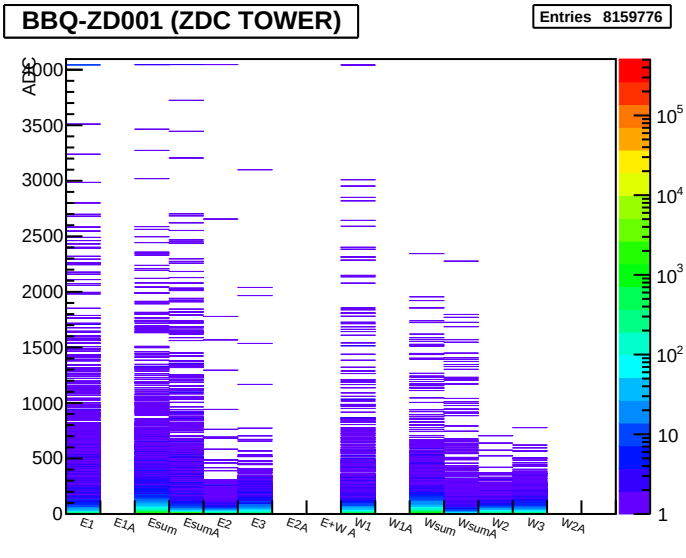

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

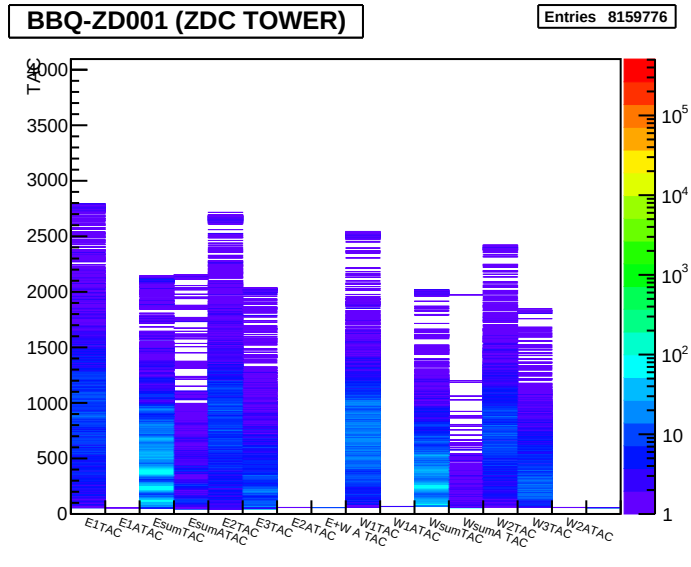

BBQ-BB001 (BBC east small tiles ADC)
Entries 8159776
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

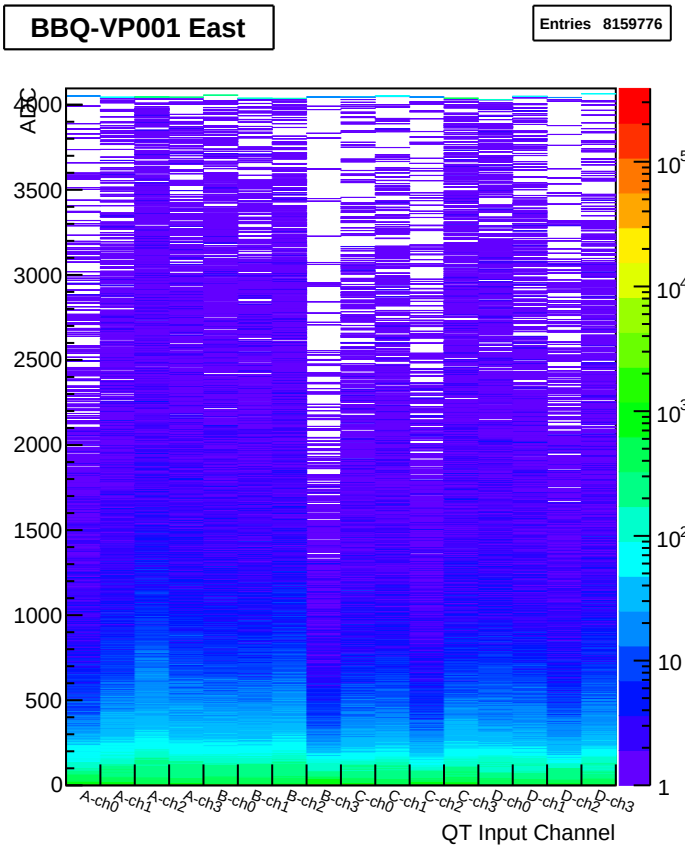

BBQ-BB001 (BBC east small tiles TAC)
Entries 8159776
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

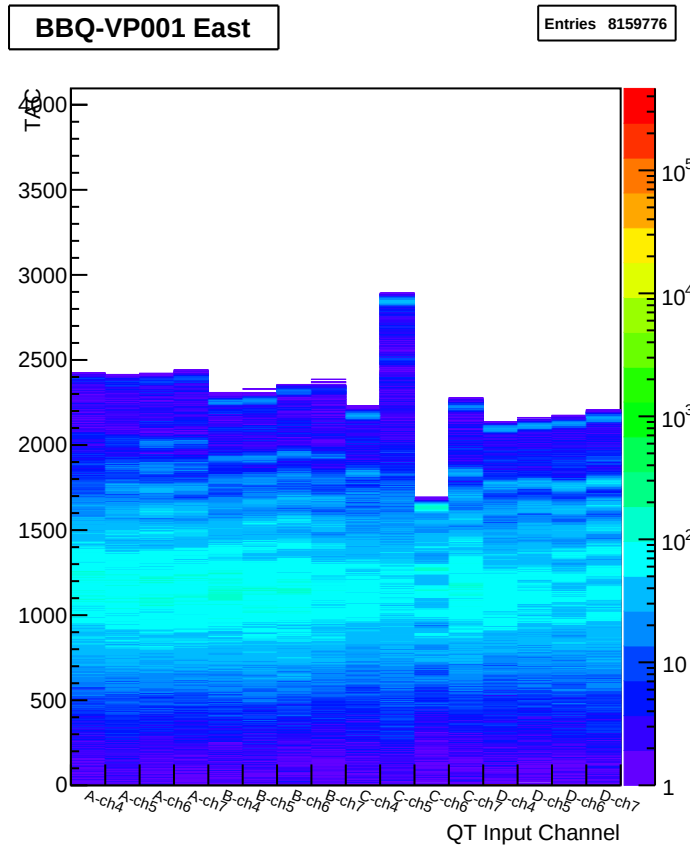

BBQ-BB002 (BBC west small tiles ADC)
Entries 8159776
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

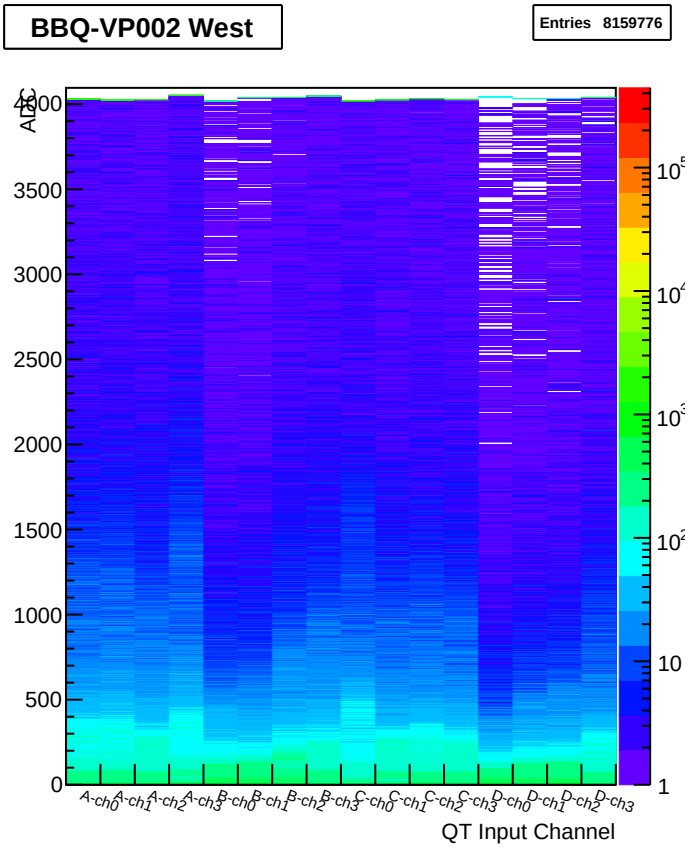

BBQ-BB002 (BBC west small tiles TAC)
Entries 8159776
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

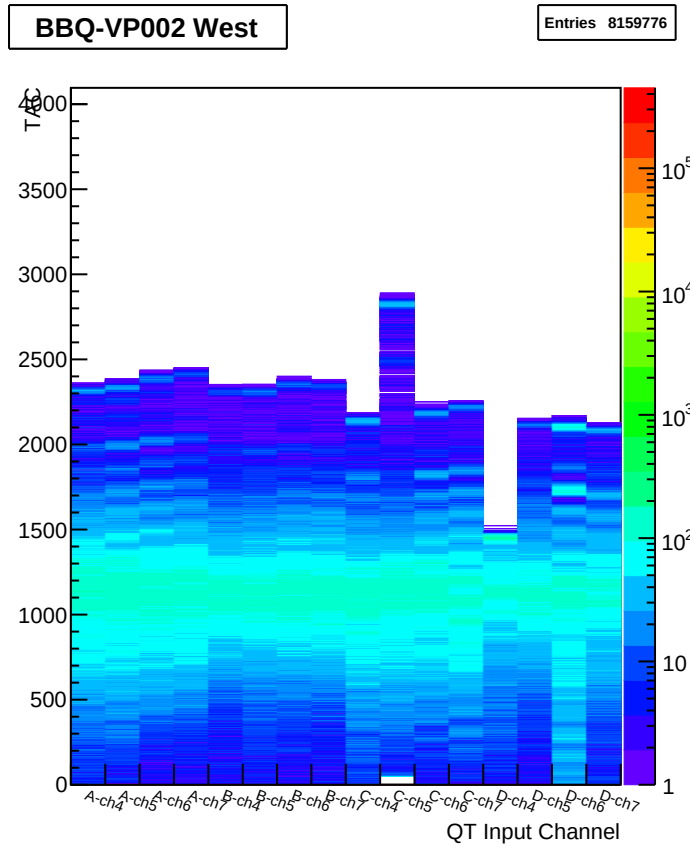

BBQ-ZD001 (ZDC TOWER)
Entries 8159776
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

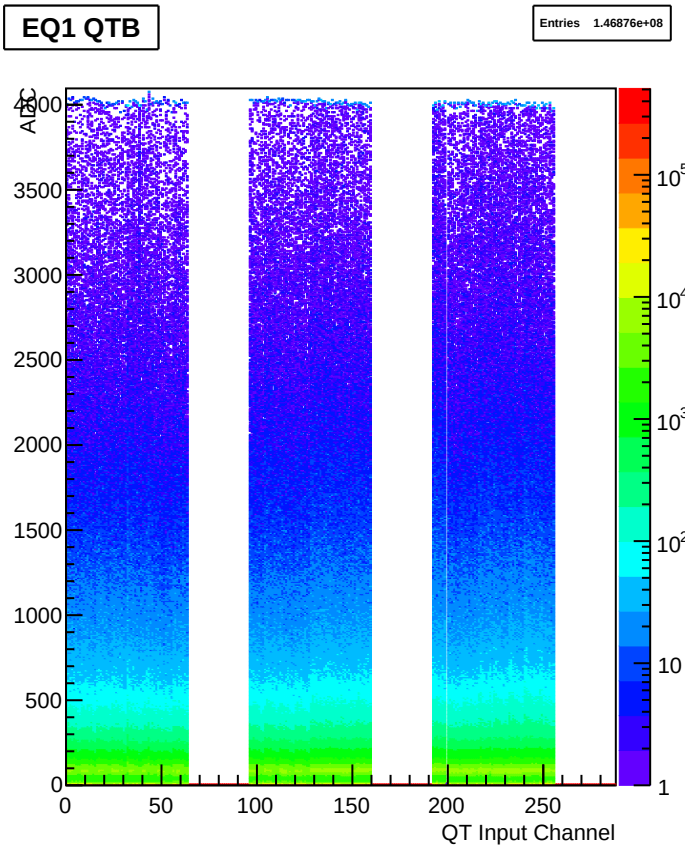

BBQ-ZD001 (ZDC TOWER)
Entries 8159776
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

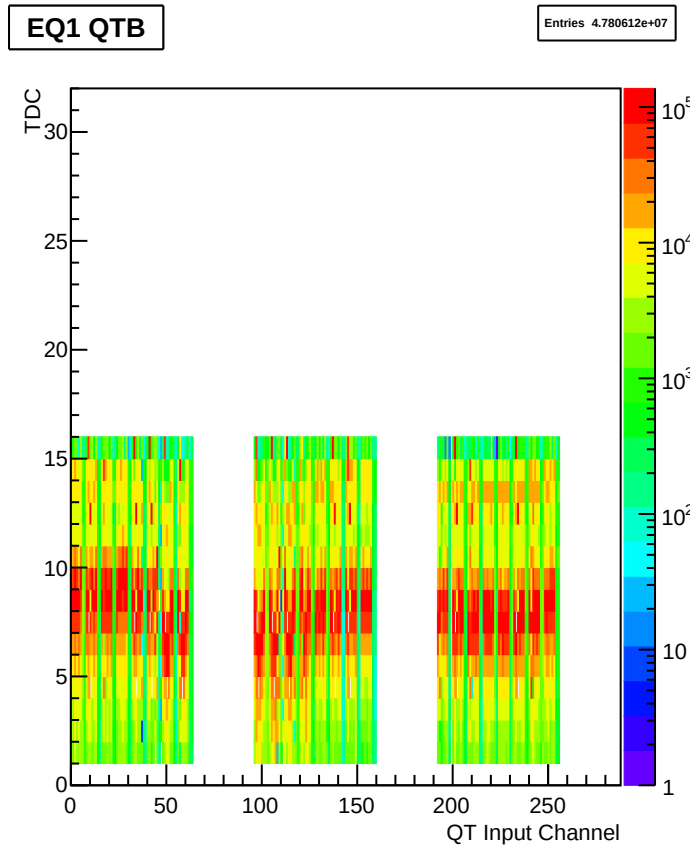

BBQ-VP001 East
Entries 8159776
ADC
QT Input Channel

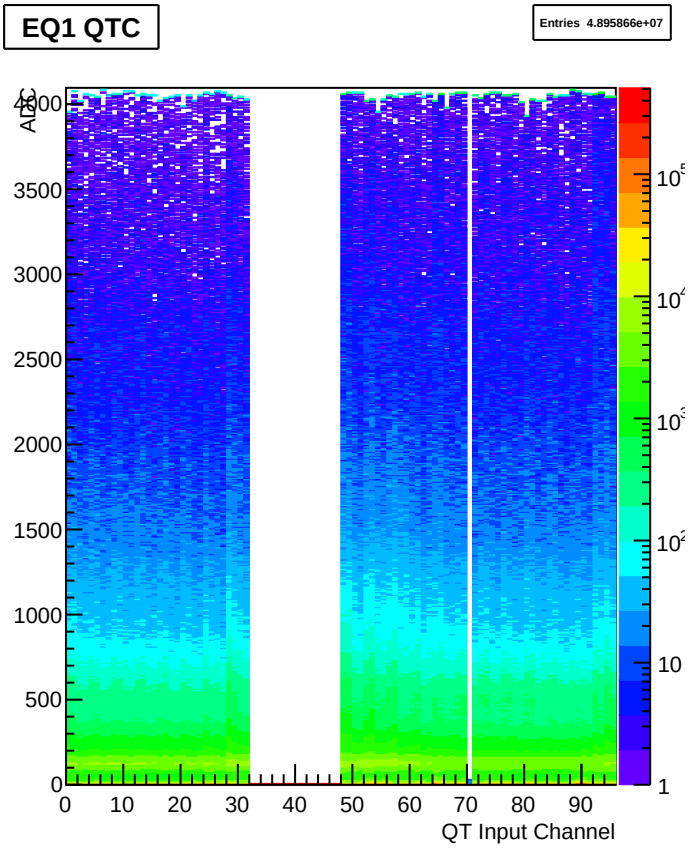

BBQ-VP001 East
Entries 8159776
ADC
QT Input Channel

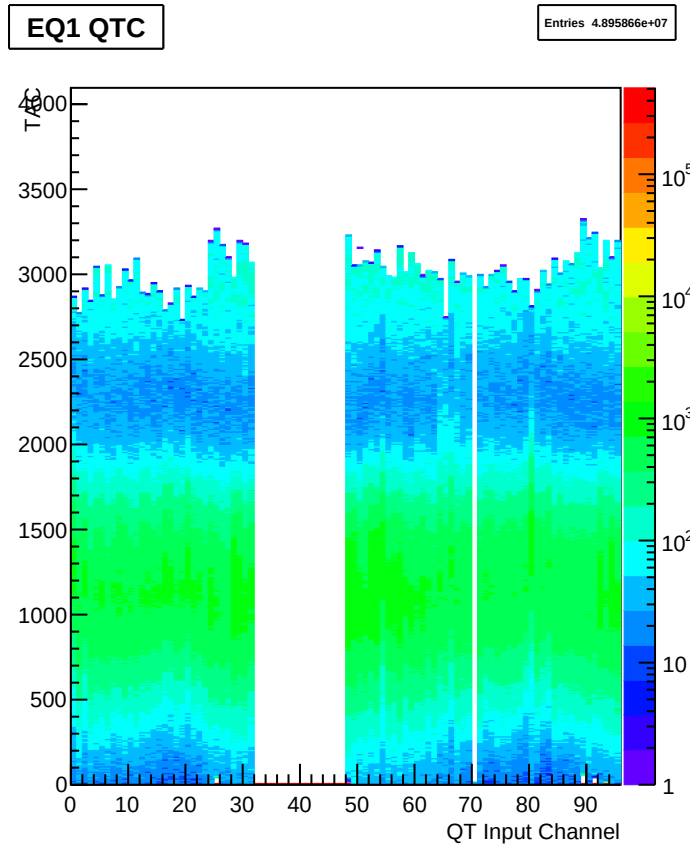

BBQ-VP002 West
Entries 8159776
ADC
QT Input Channel

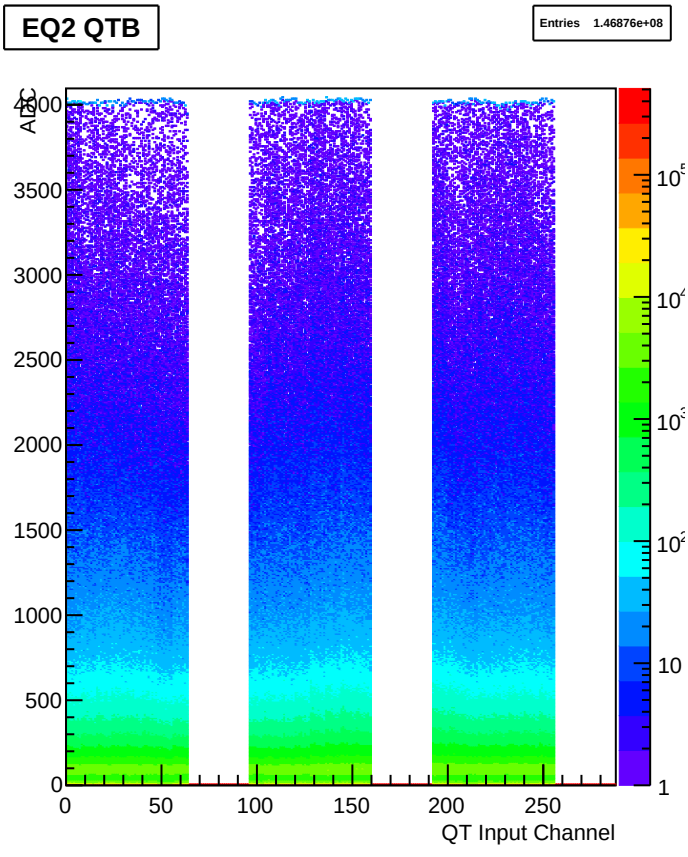

BBQ-VP002 West
Entries 8159776
ADC
QT Input Channel

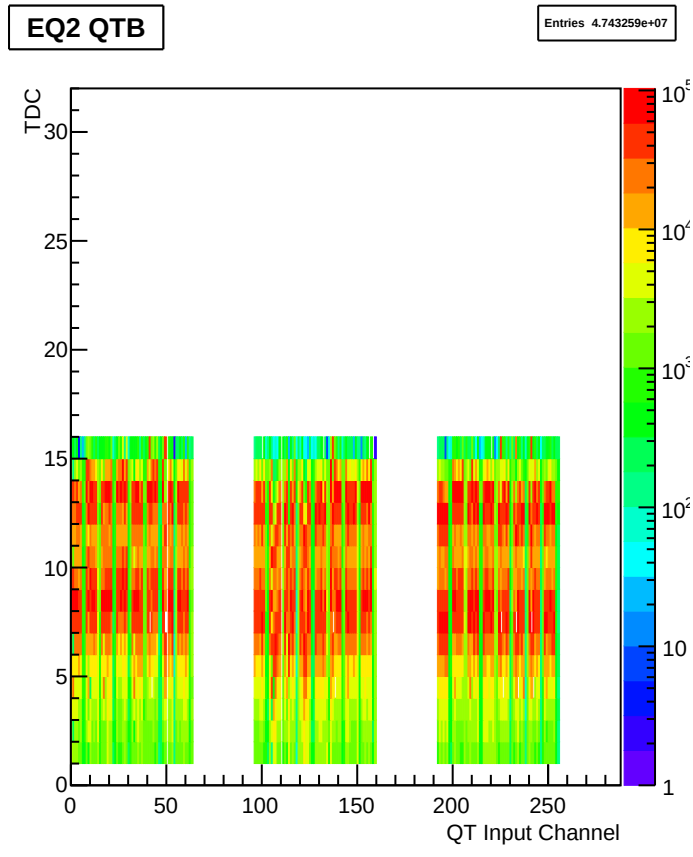

EQ1 QTB
Entries 1.46876e+08
ADC
QT Input Channel

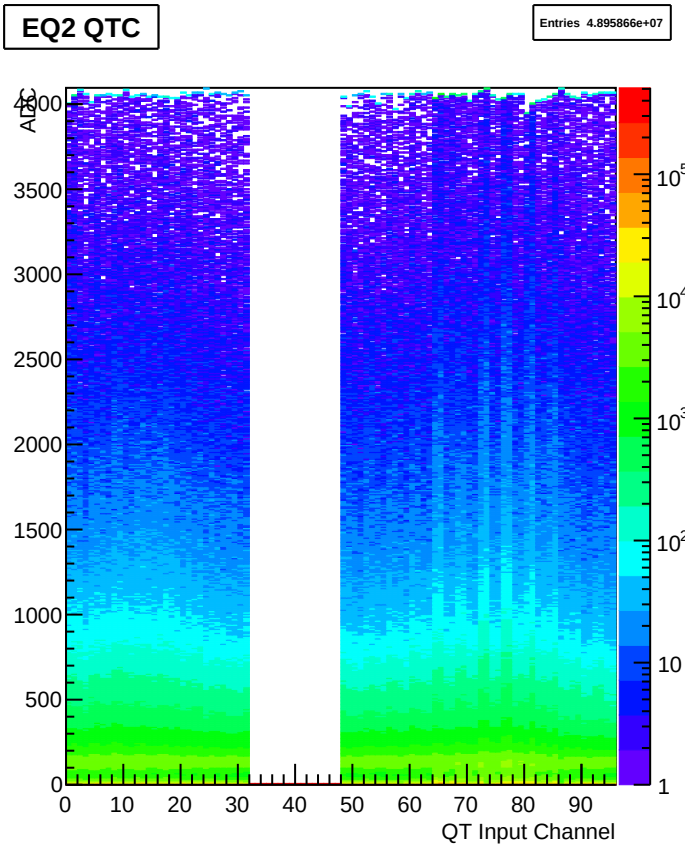

EQ1 QTB
Entries 4.780612e+07
TDC
QT Input Channel

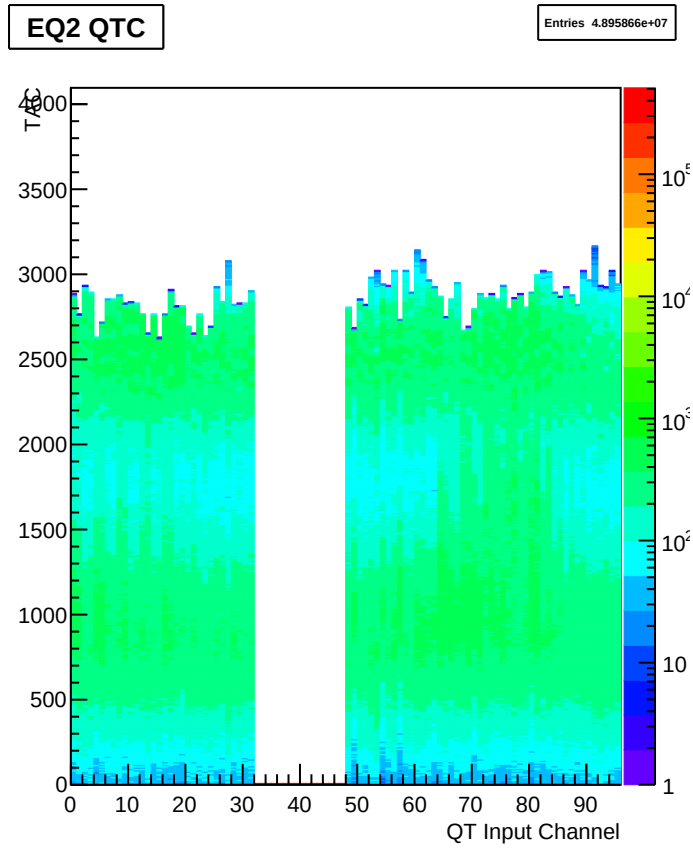

EQ1 QTC
Entries 4.895866e+07
ADC
QT Input Channel

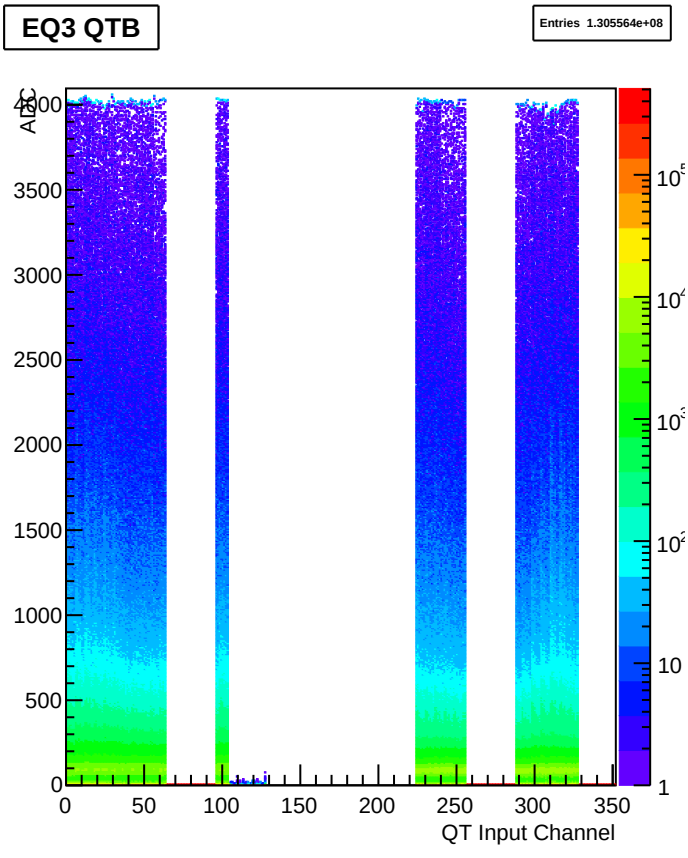

EQ1 QTC
Entries 4.895866e+07
TADC
QT Input Channel

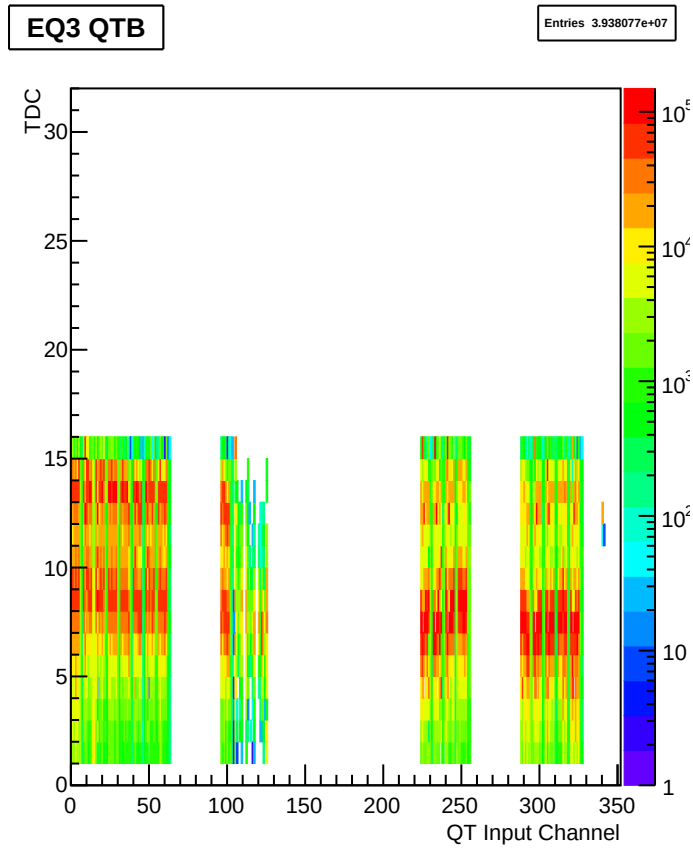

EQ2 QTB
Entries 1.46876e+08
ADC
QT Input Channel

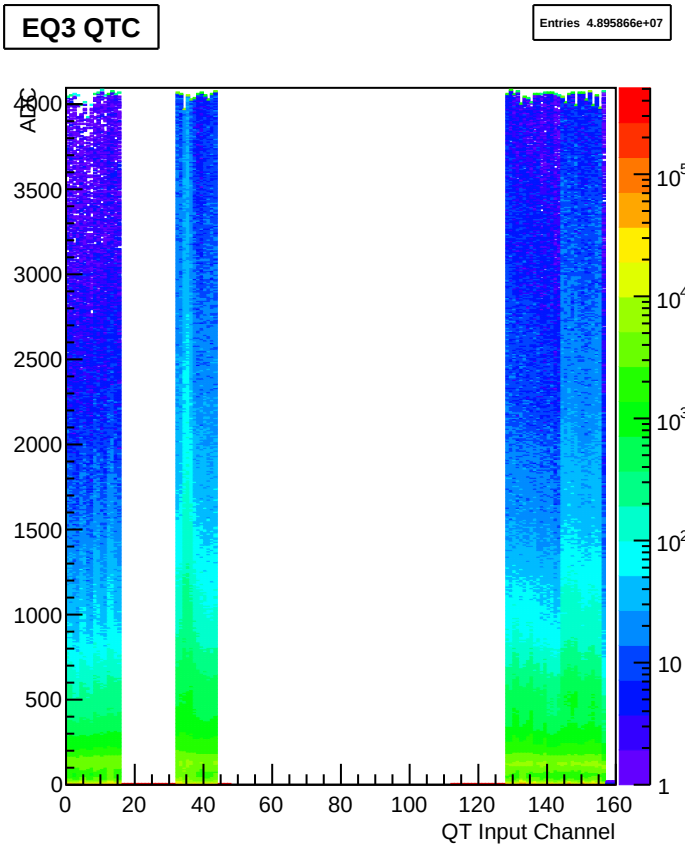

EQ2 QTB
Entries 4.743259e+07
TDC
QT Input Channel

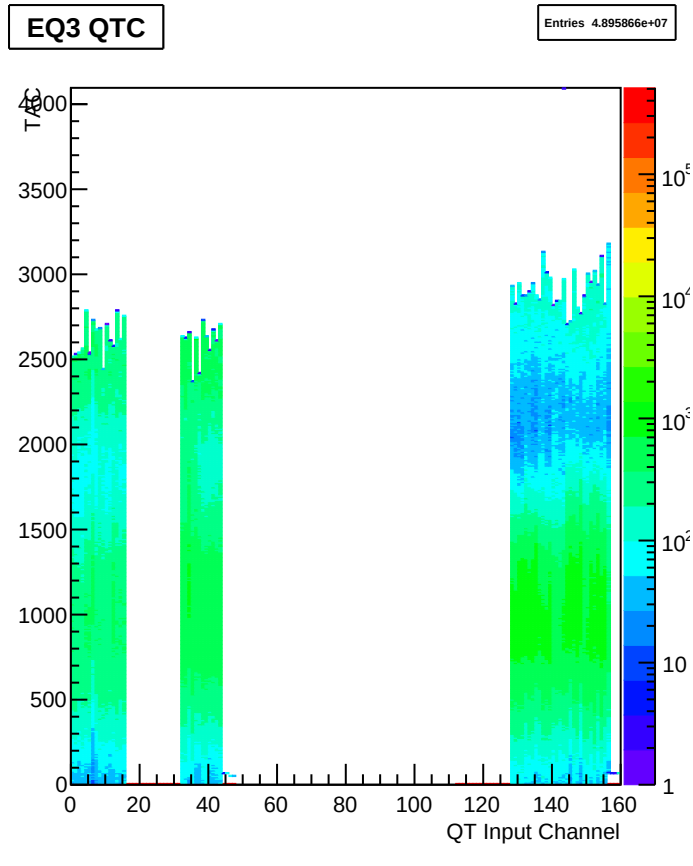

EQ2 QTC
Entries 4.895866e+07
ADC
QT Input Channel

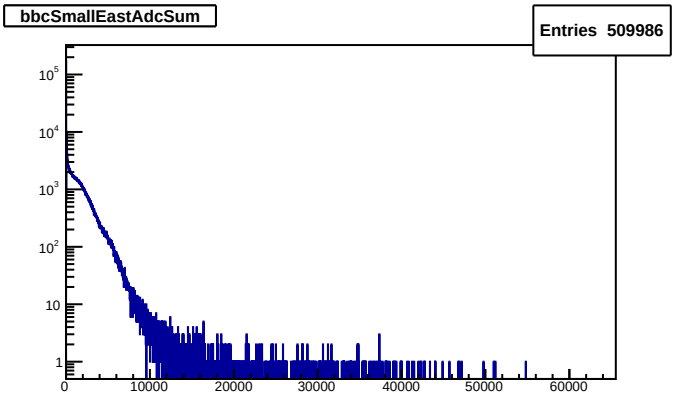

EQ2 QTC
Entries 4.895866e+07
TADC
QT Input Channel

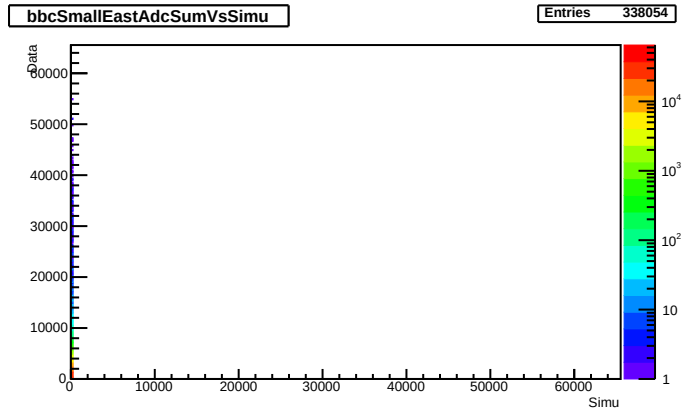

EQ3 QTB
Entries 1.305564e+08
ADC
QT Input Channel

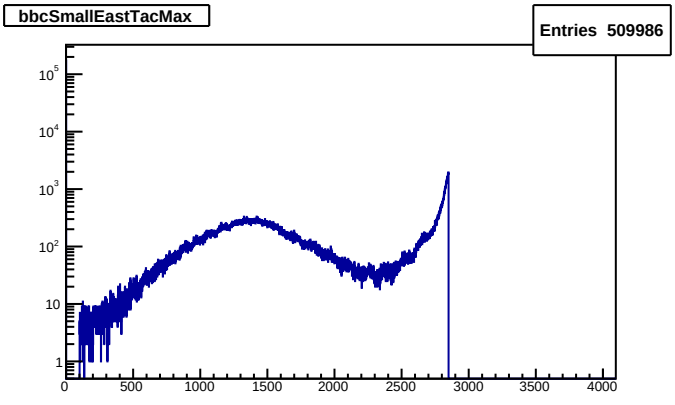

EQ3 QTB
Entries 3.938077e+07
TDC
QT Input Channel

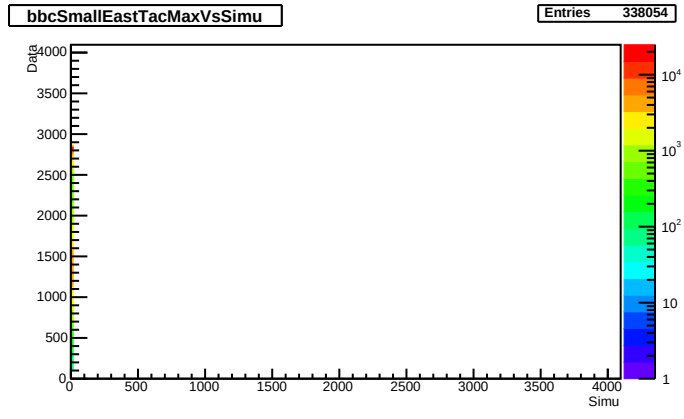

EQ3 QTC
Entries 4.895866e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.895866e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 509986


bbcSmallEastAdcSumVsSimu
Entries 338054
Data
Simu


bbcSmallEastTacMax
Entries 509986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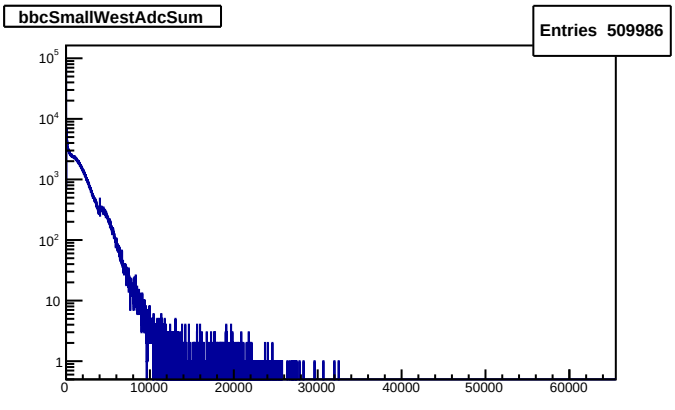
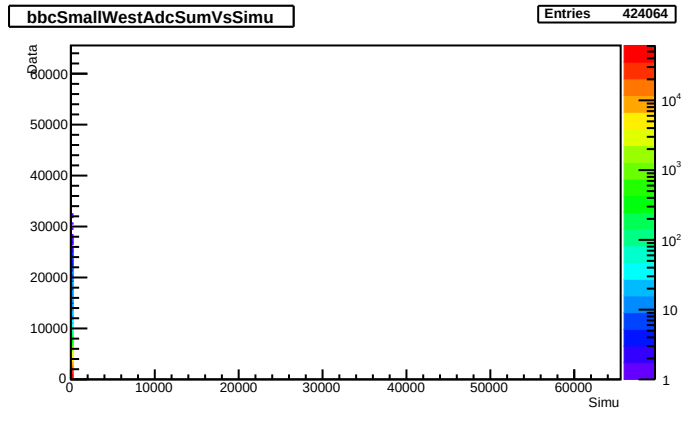
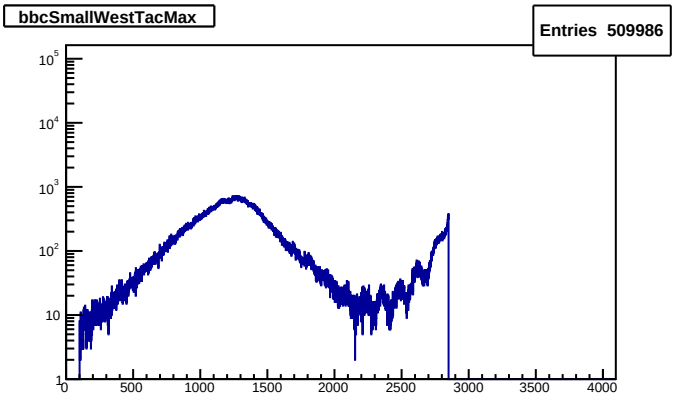
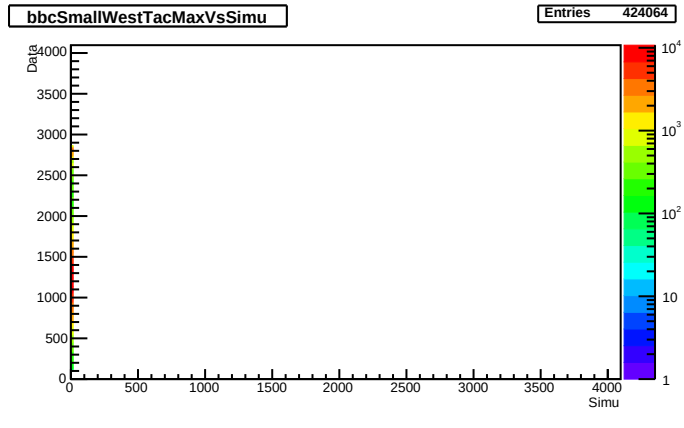
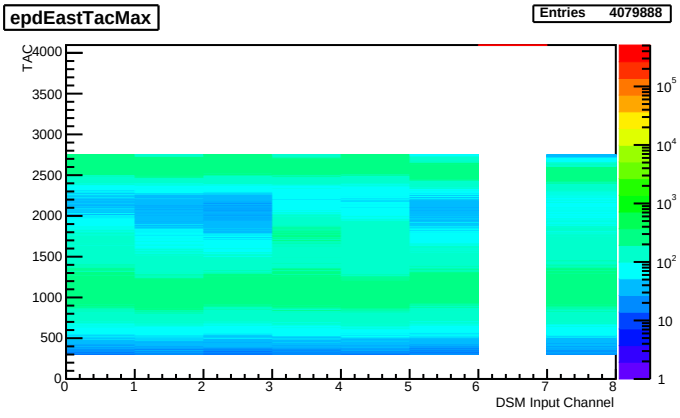
Entries 338054
Data
Simu

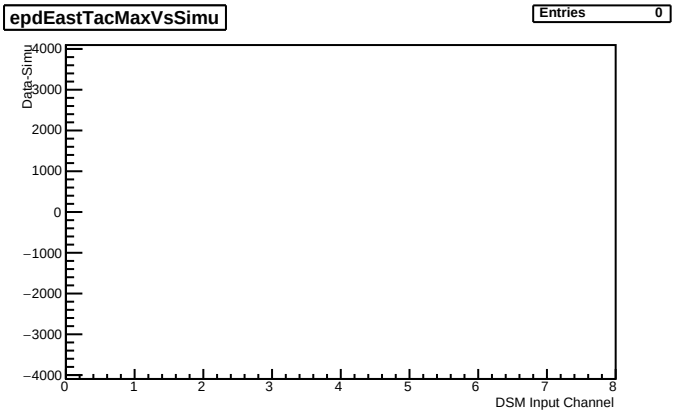

bbcSmallWestAdcSum
Entries 509986

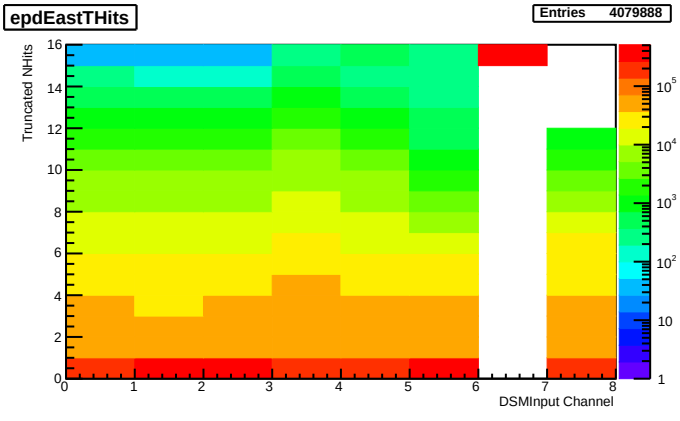

bbcSmallWestAdcSumVsSimu
Entries 424064
Data
Simu

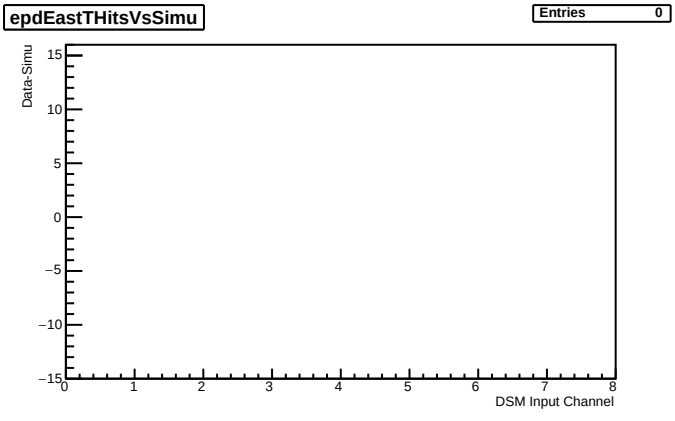

bbcSmallWestTacMax
Entries 509986


bbcSmallWestTacMaxVsSimu
Entries 424064
Data
Simu


epdEastTacMax
Entries 4079888
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4079888
Truncated NHits
DSMInput Channel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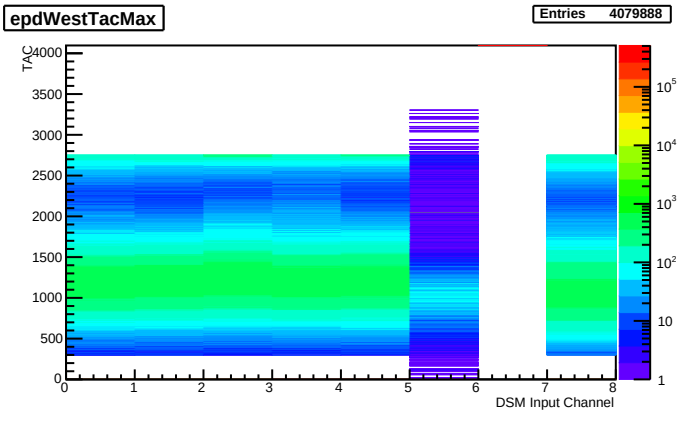
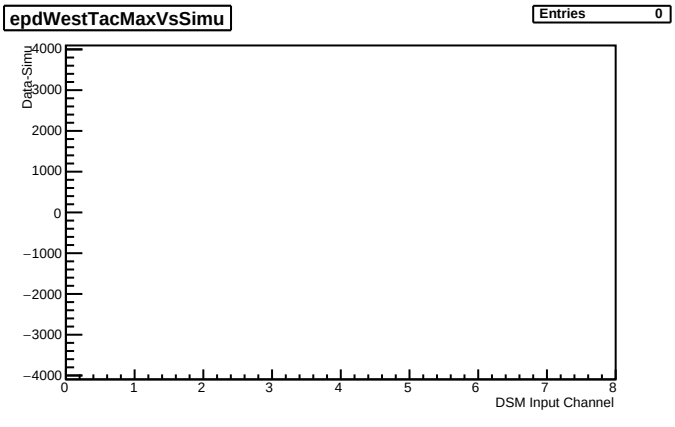
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4079888
TAC
DSM Input Channel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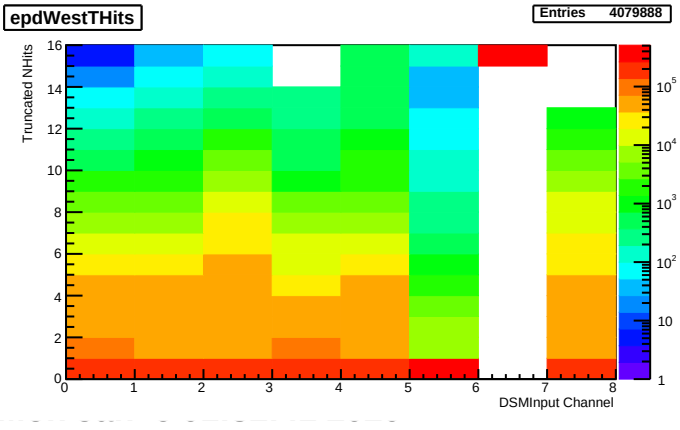
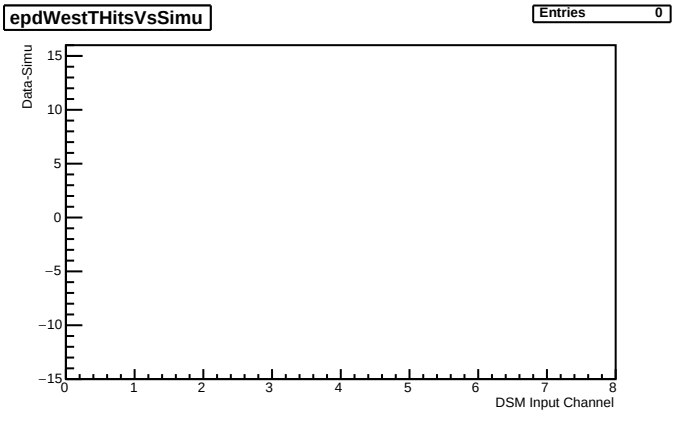
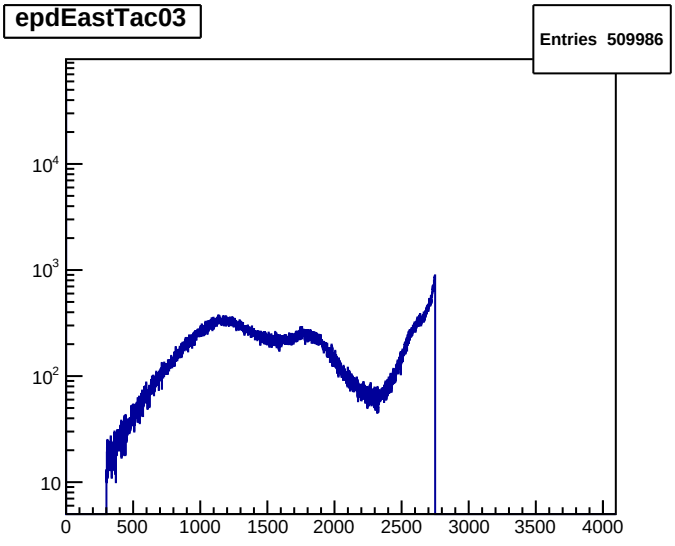
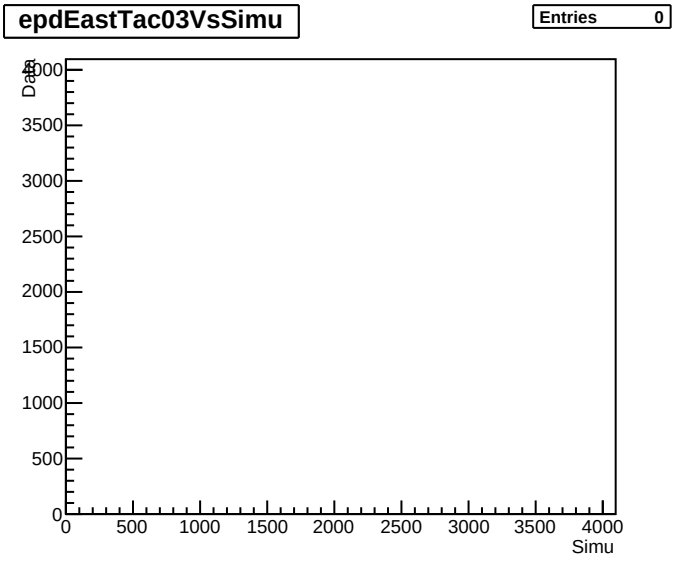
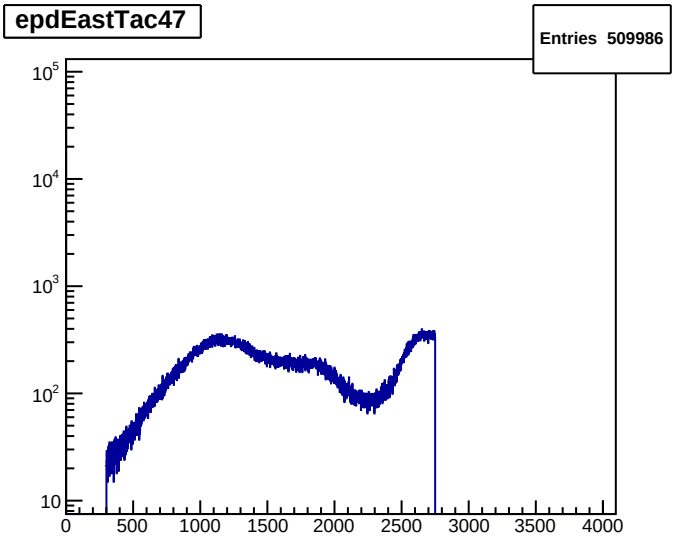
Entries 0
Data-Simu
DSM Input Channel

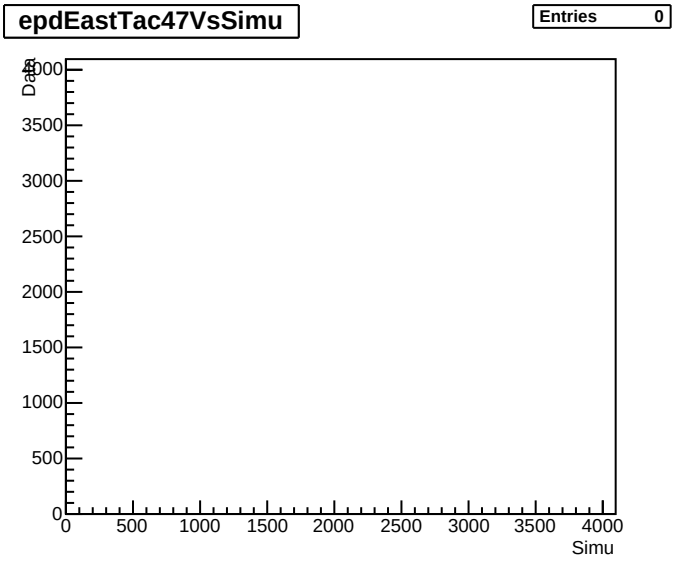

epdWestTHits
Entries 4079888
Truncated NHits
DSMInput Channel

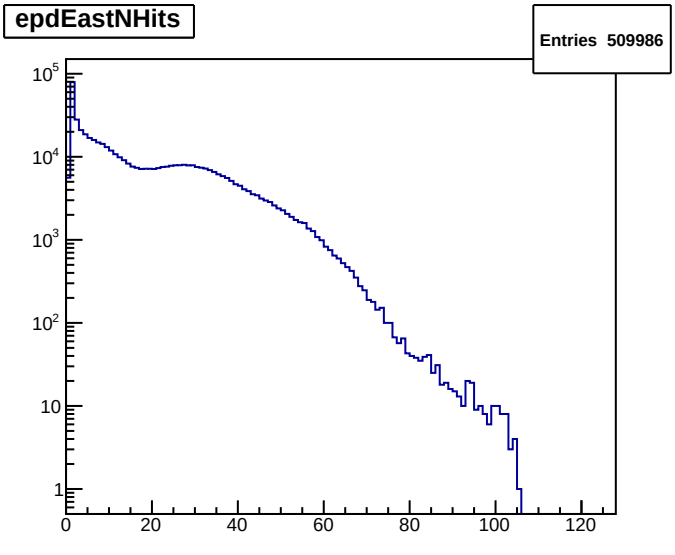

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

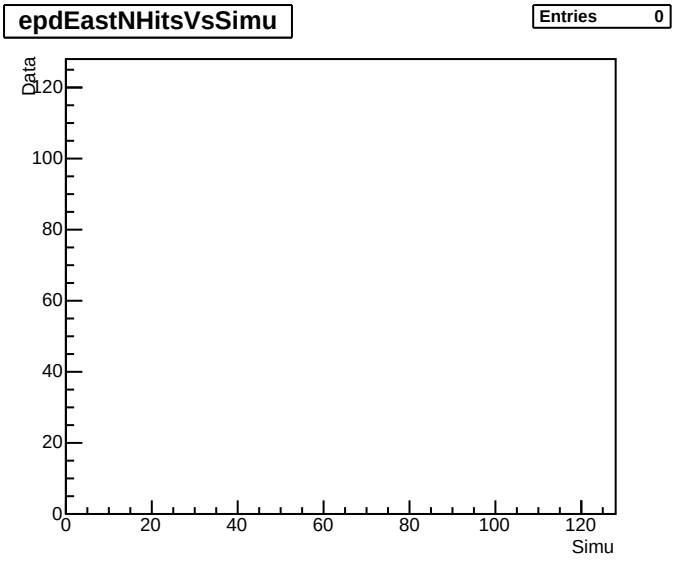

epdEastTac03
Entries 509986


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 509986


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 509986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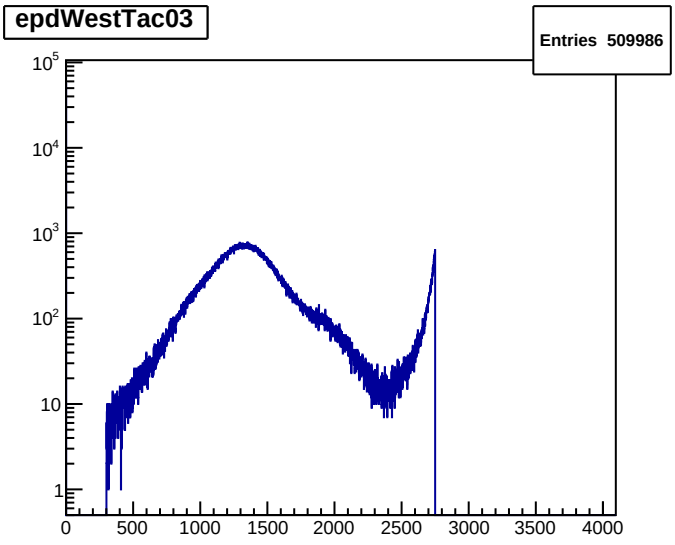
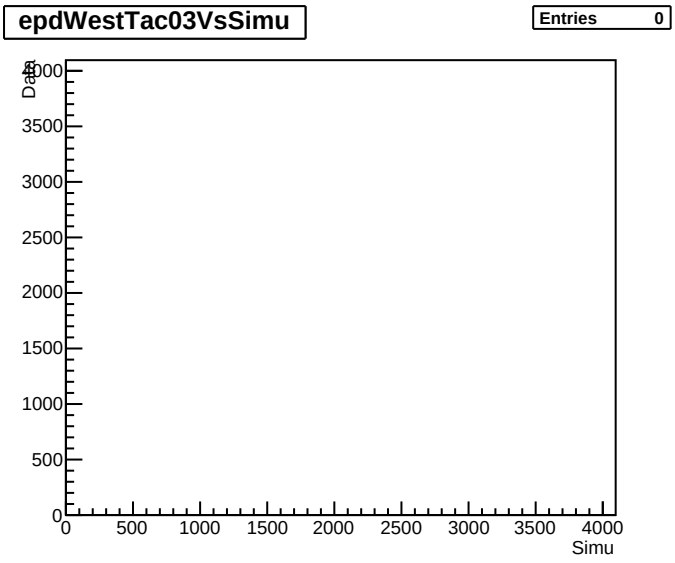
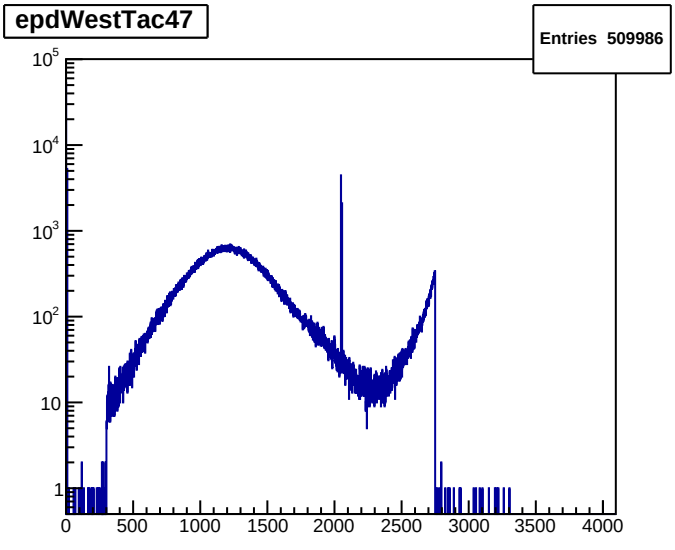
Entries 0
Data
Simu


epdWestTac03
Entries 509986


epdWestTac03VsSimu
Entries 0
Data
Simu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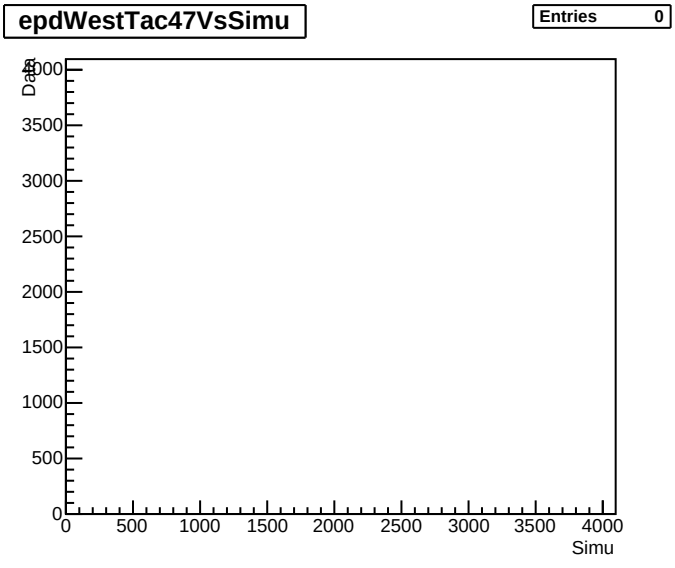
Entries 509986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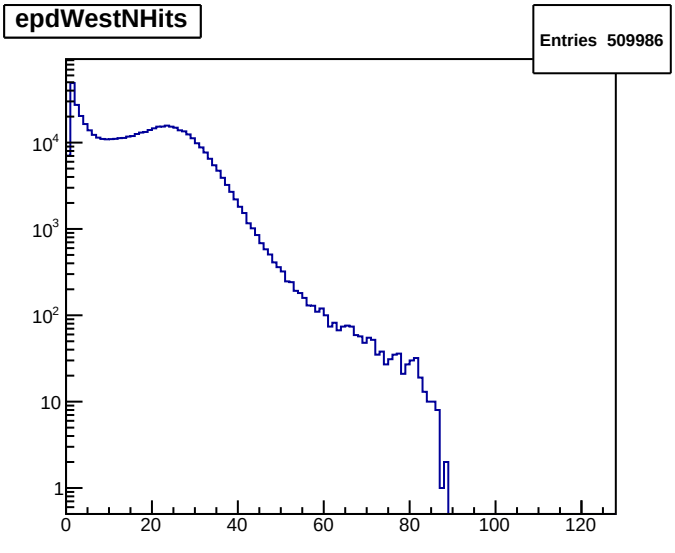
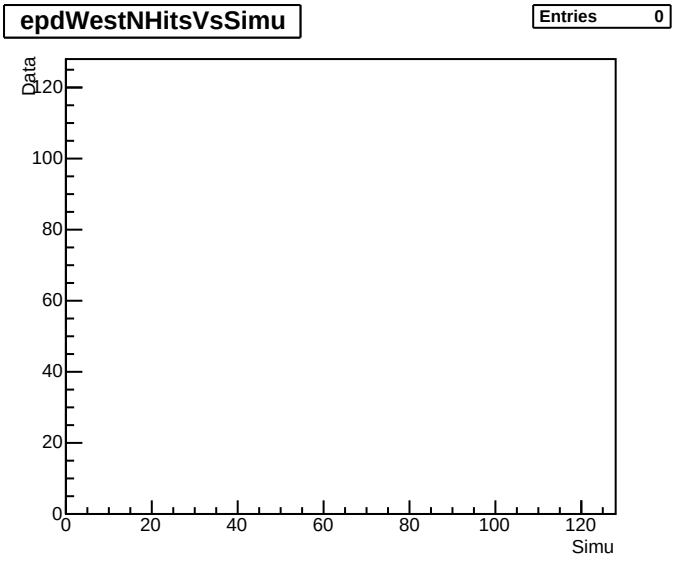
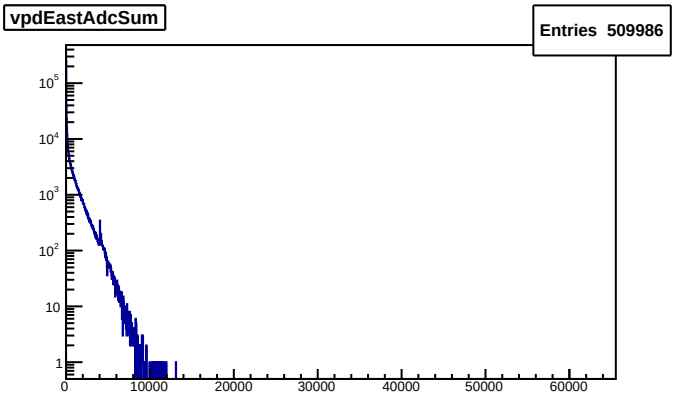
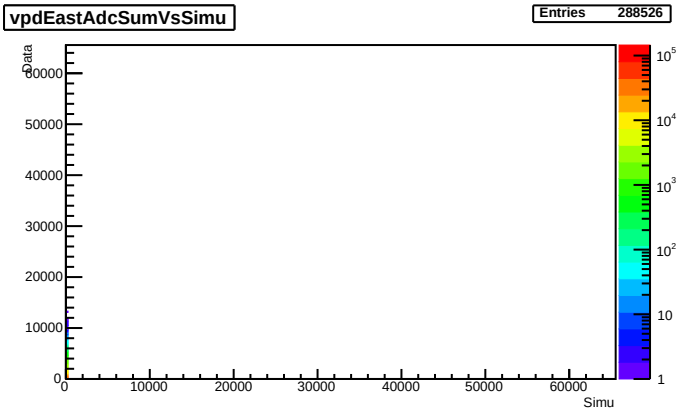
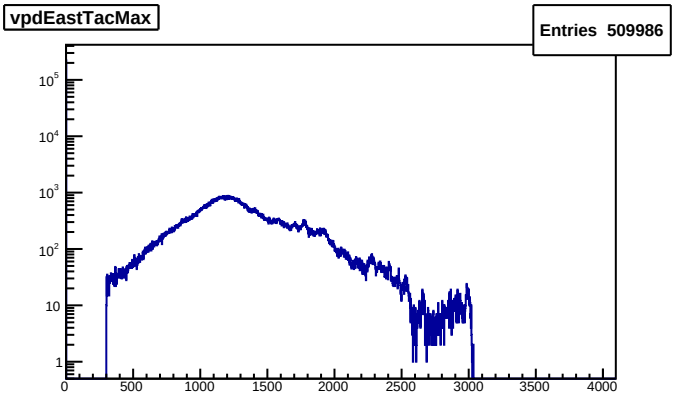
Entries 0
Data
Simu

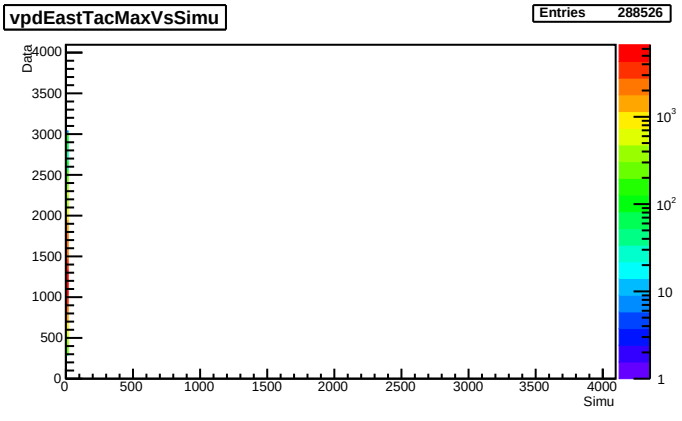

epdWestNHits
Entries 509986

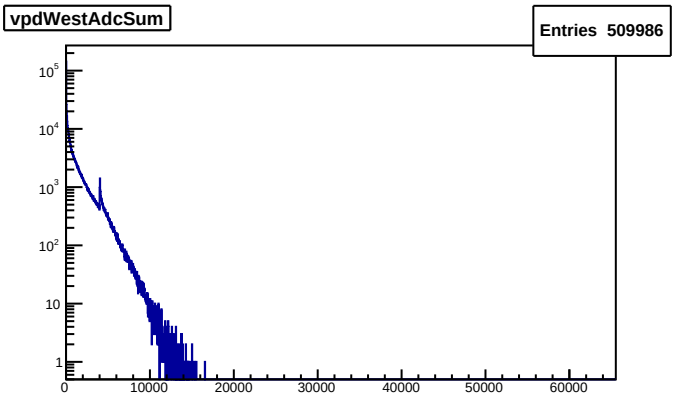

epdWestNHitsVsSimu
Entries 0
Data
Simu

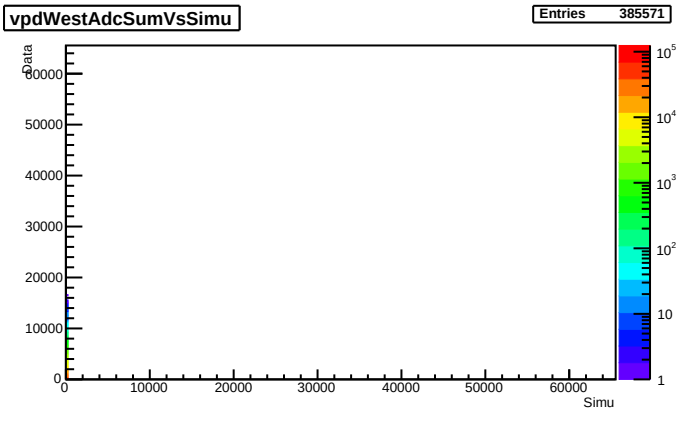

vpdEastAdcSum
Entries 509986

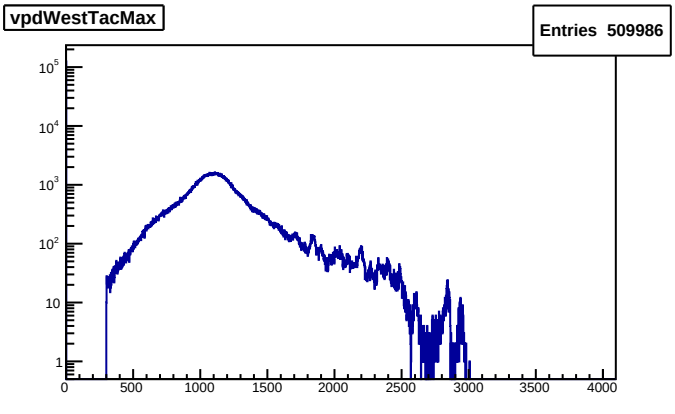

vpdEastAdcSumVsSimu
Entries 288526
Data
Simu

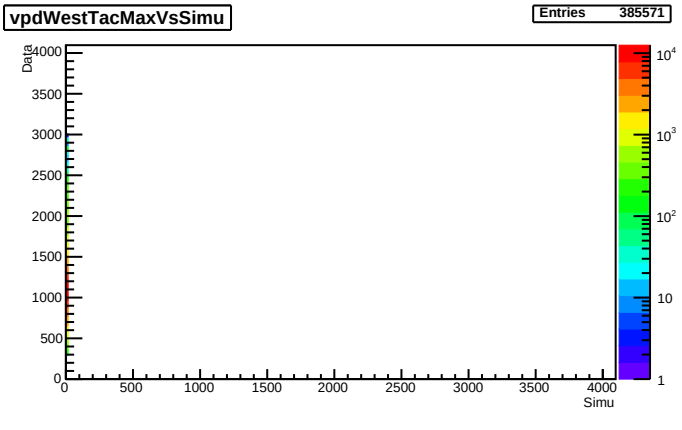

vpdEastTacMax
Entries 509986

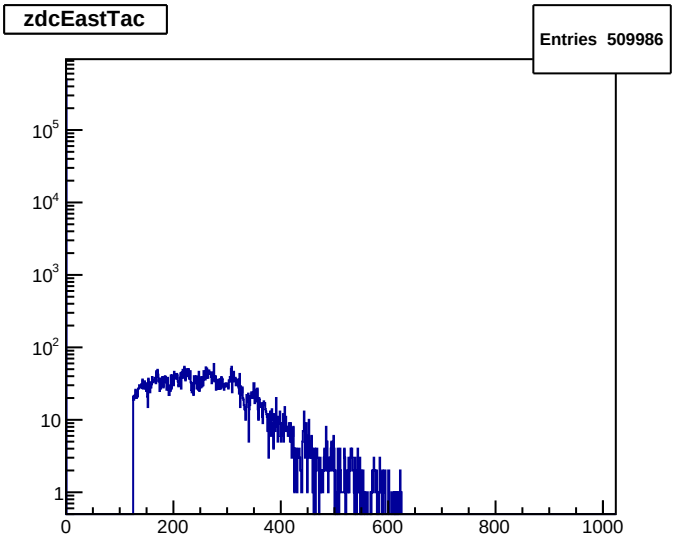

vpdEastTacMaxVsSimu
Entries 288526
Data
Simu

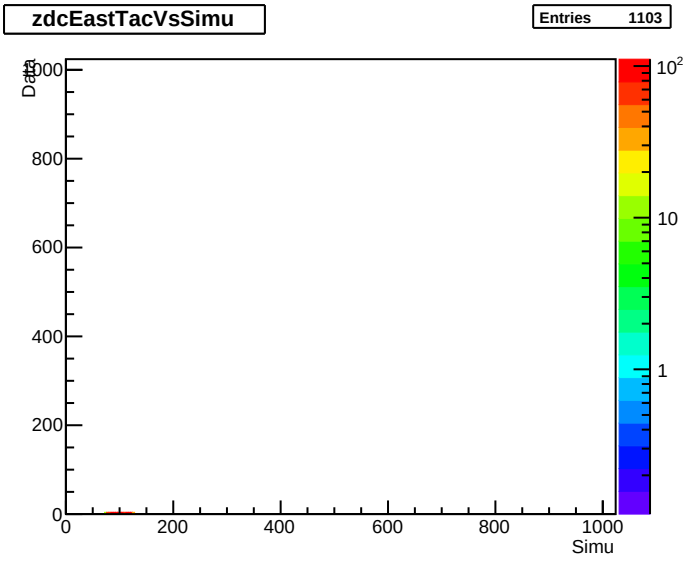

vpdWestAdcSum
Entries 509986

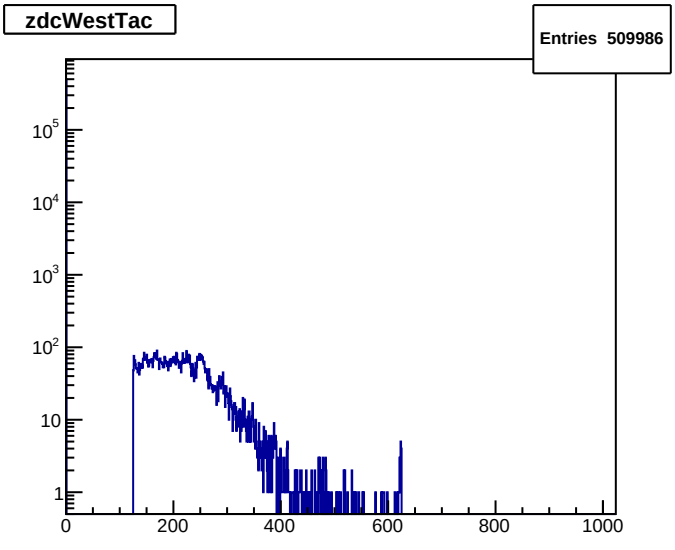

vpdWestAdcSumVsSimu
Entries 385571
Data
Simu

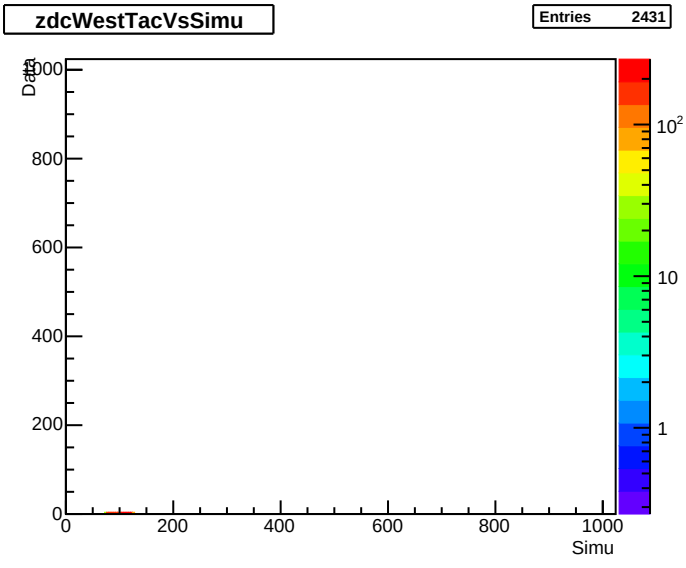

vpdWestTacMax
Entries 509986

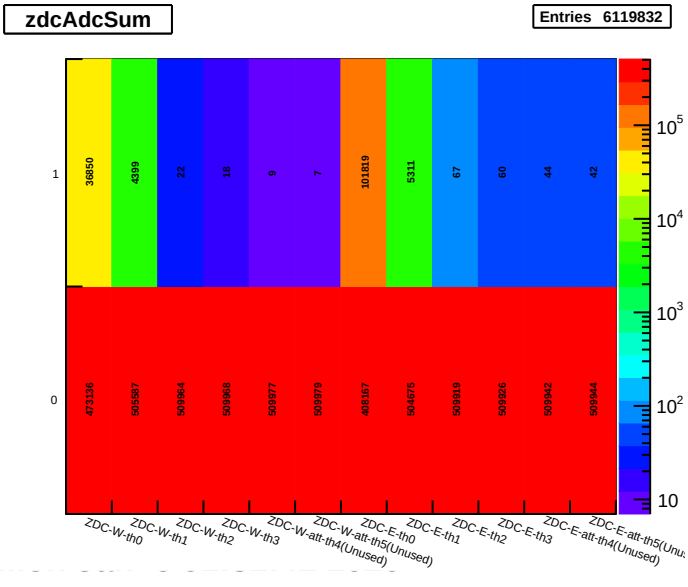

vpdWestTacMaxVsSimu
Entries 385571
Data
Simu

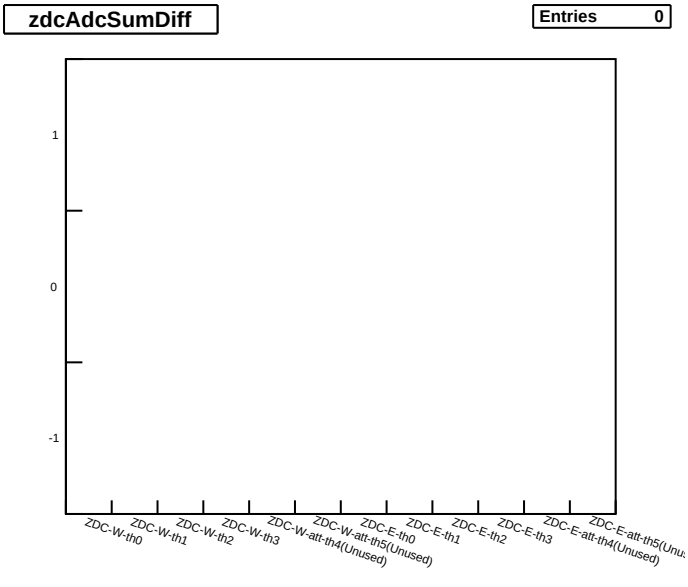

zdcEastTac
Entries 509986

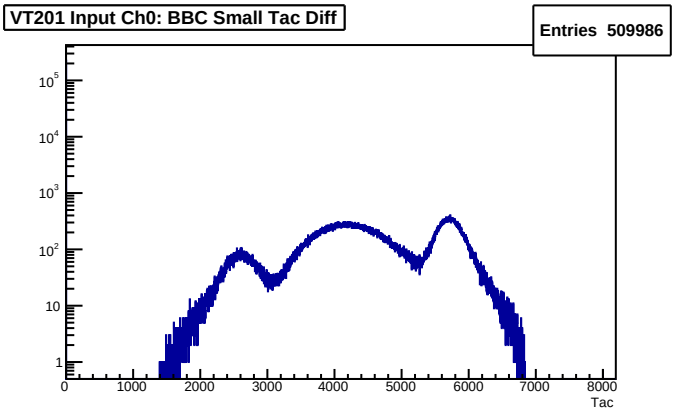

zdcEastTacVsSimu
Entries 1103
Data
Simu

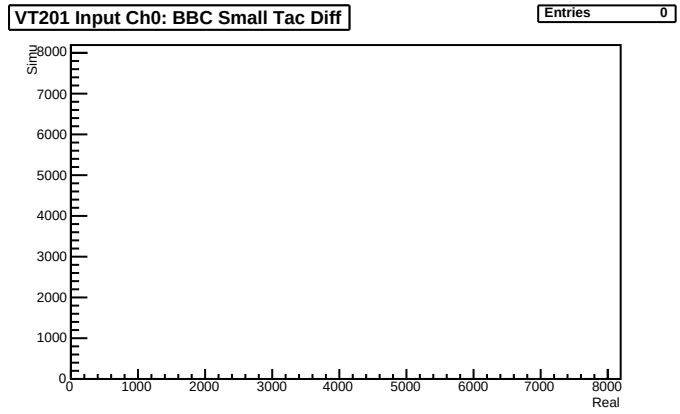

zdcWestTac
Entries 509986

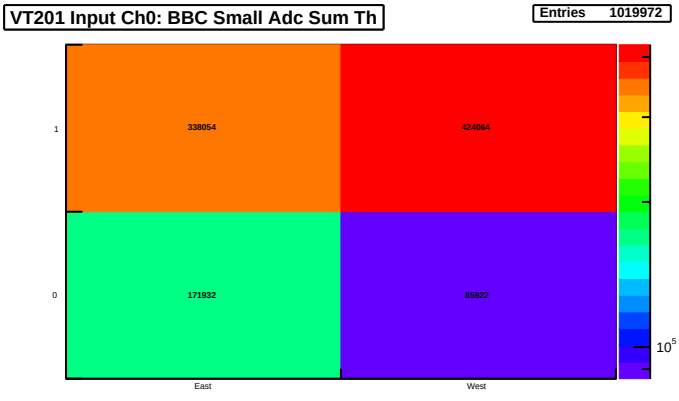

zdcWestTacVsSimu
Entries 2431
Data
Simu

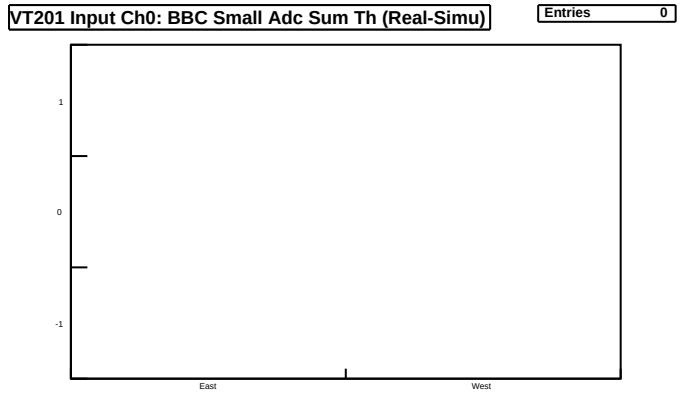

zdcAdcSum
Entries 6119832
36850
4399
22
18
9
7
101819
5311
67
60
44
42
473136
505887
509964
509968
509977
509979
408167
504675
509919
509926
509942
509944
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

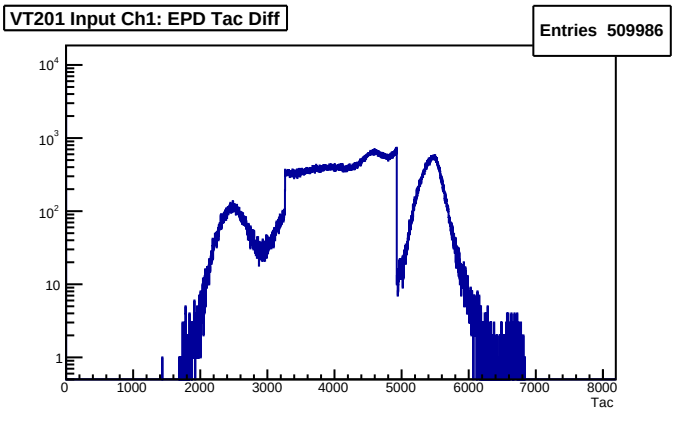

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

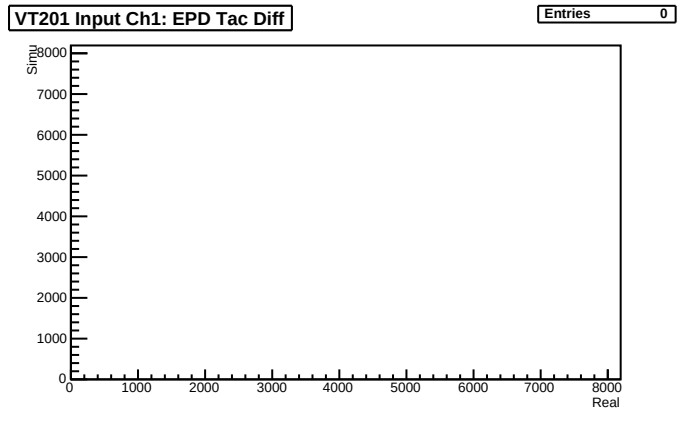

VT201 Input Ch0: BBC Small Tac Diff
Entries 509986
Tac

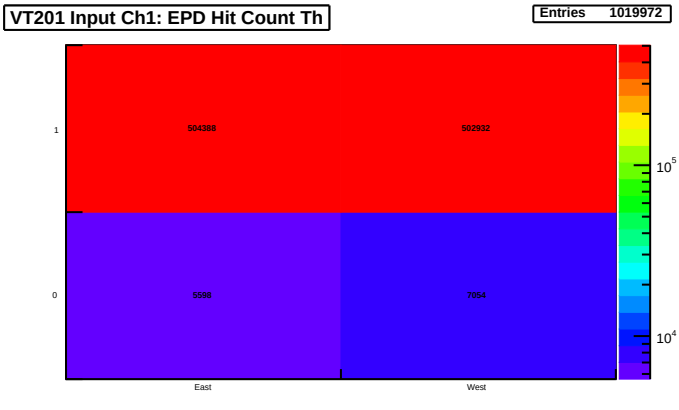

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

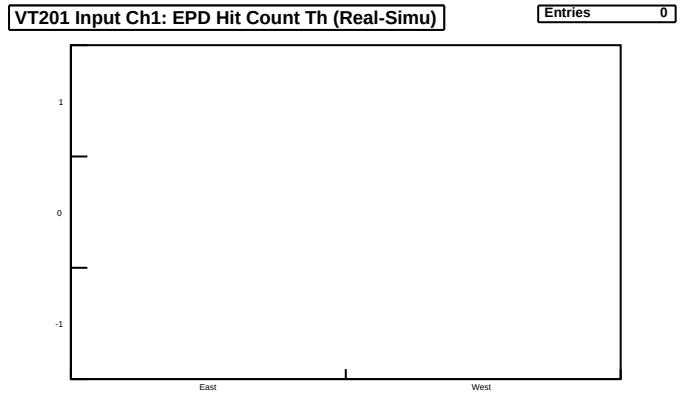

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1019972
338054
424064
171932
85922
East
West

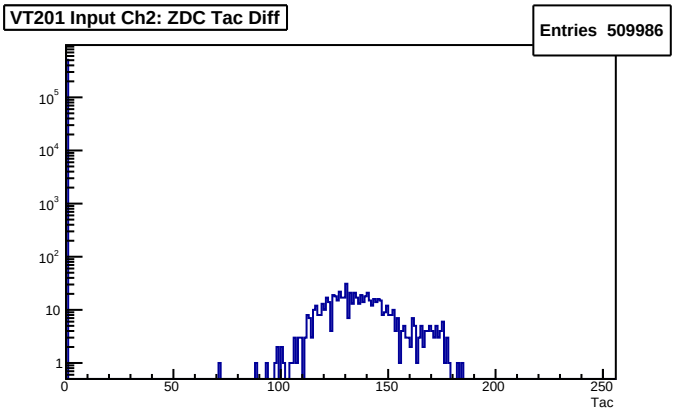

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

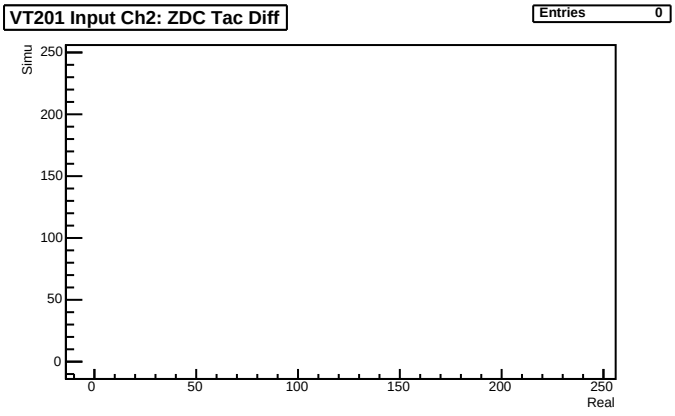

VT201 Input Ch1: EPD Tac Diff
Entries 509986
Tac

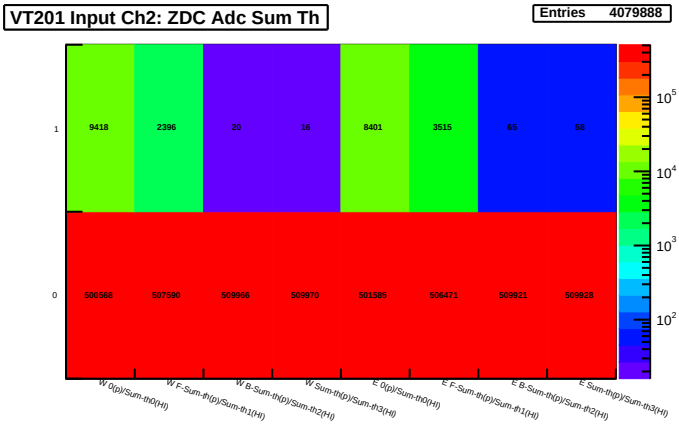

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

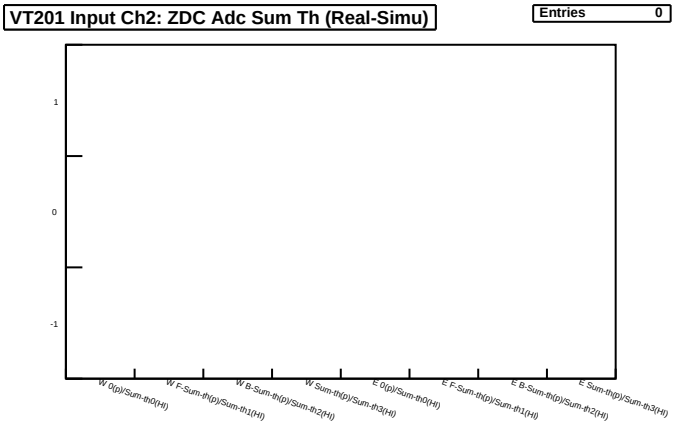

VT201 Input Ch1: EPD Hit Count Th
Entries 1019972
504388
502932
5598
7054
East
West

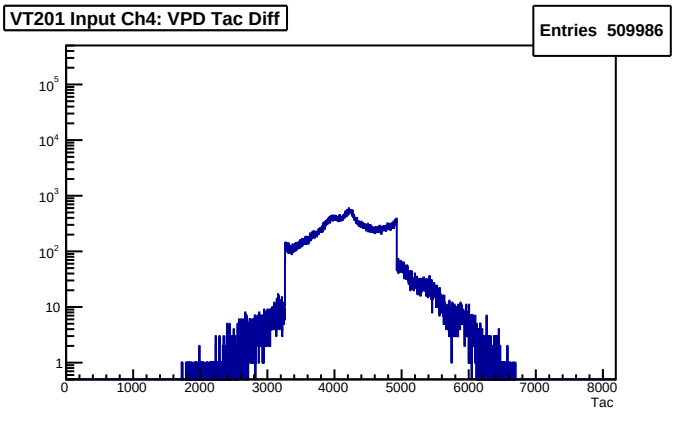

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

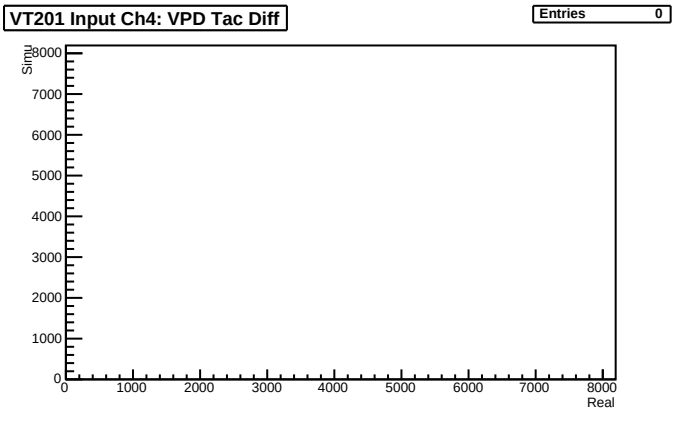

VT201 Input Ch2: ZDC Tac Diff
Entries 509986
Tac

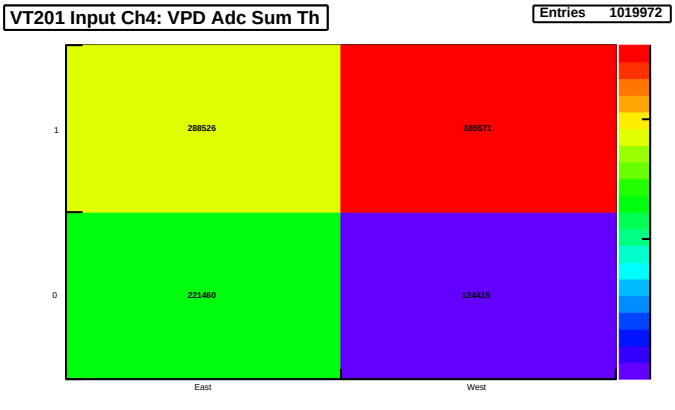

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

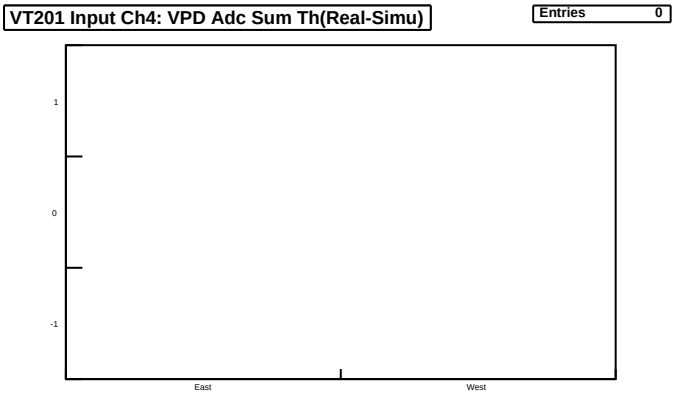

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4079888
9418
2396
20
16
8401
3515
65
58
500568
507590
509966
509970
501585
506471
509921
509928
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

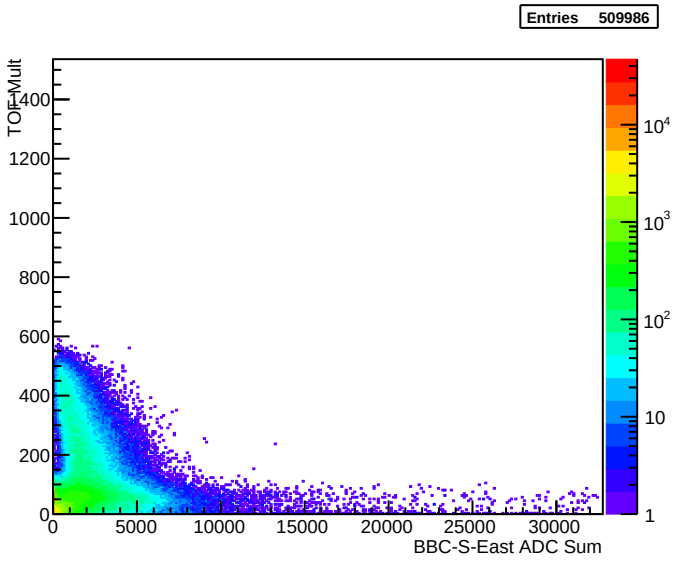

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

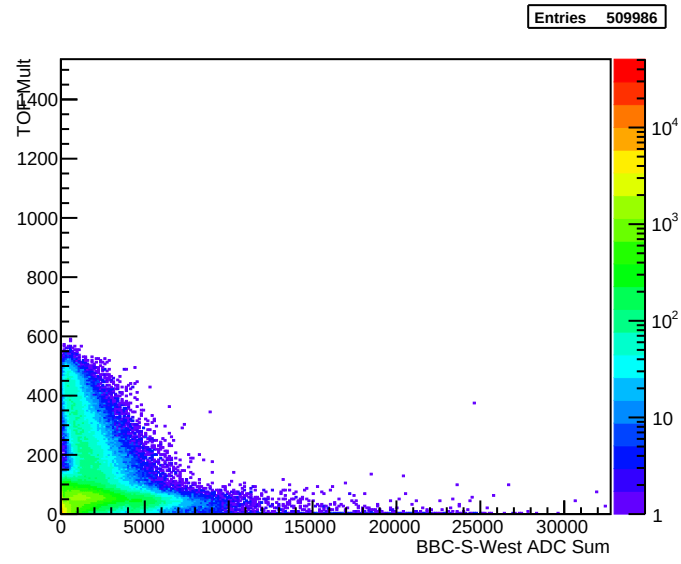

VT201 Input Ch4: VPD Tac Diff
Entries 509986
Tac

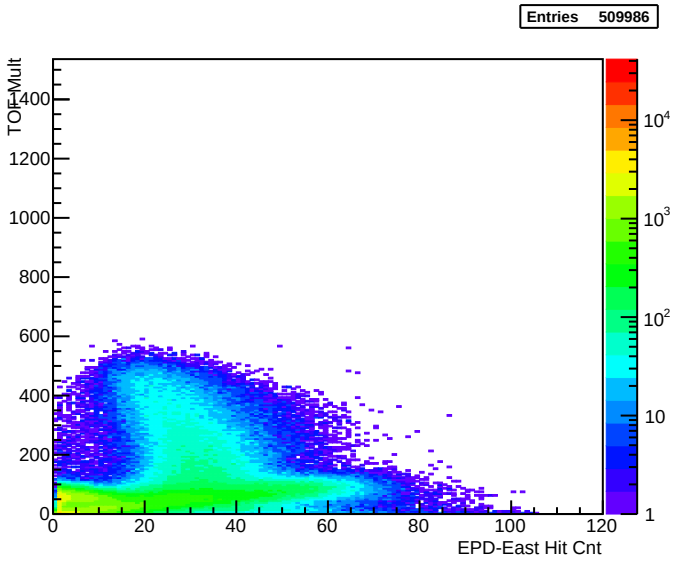

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

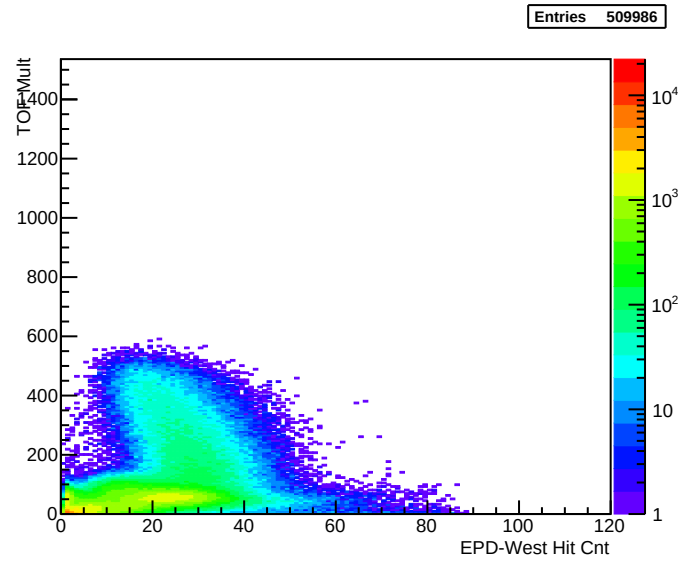

VT201 Input Ch4: VPD Adc Sum Th
Entries 1019972
288526
385571
221460
124415
East
West

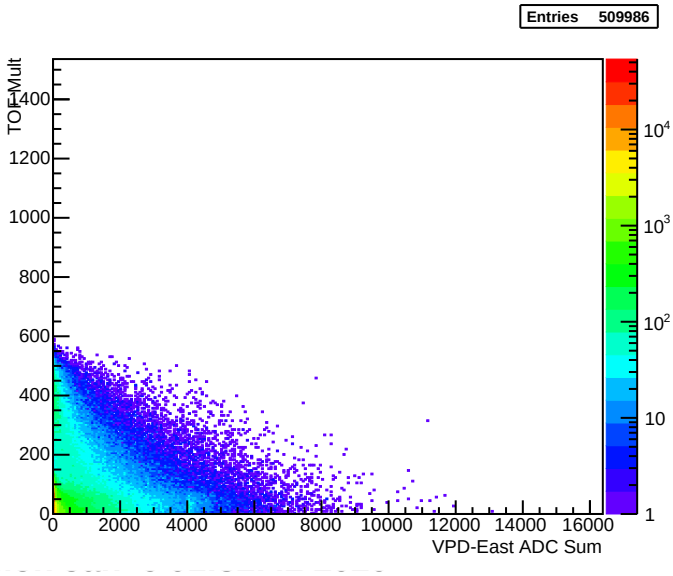

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

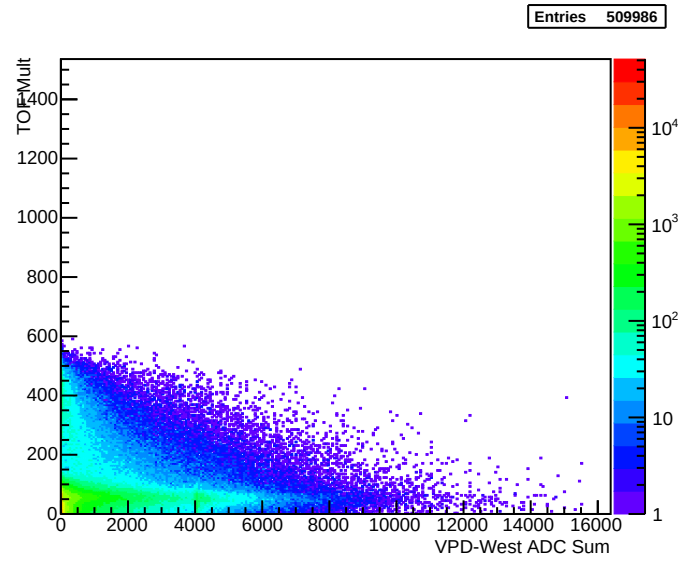

Entries 509986
TOF-Mult
BBC-S-East ADC Sum

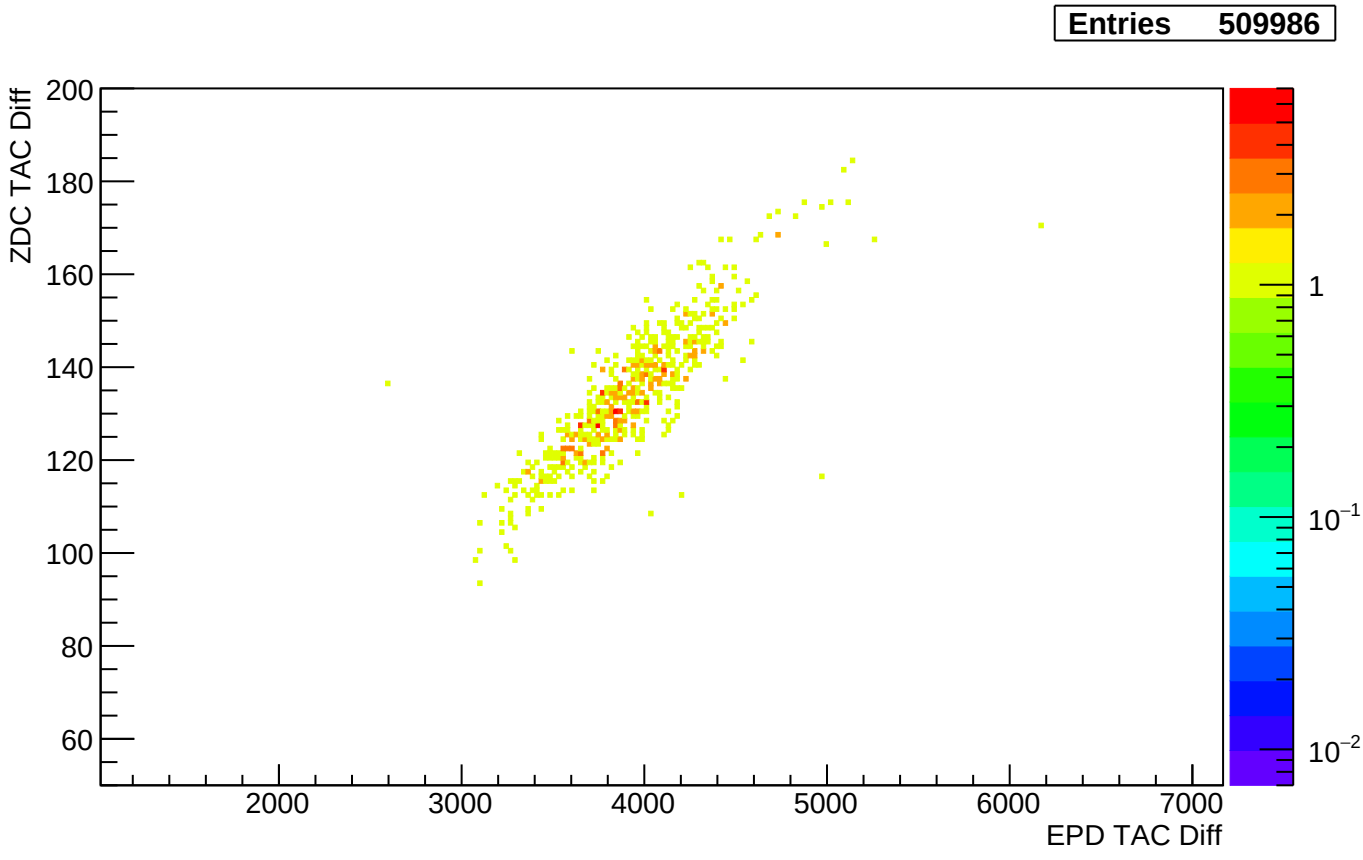

Entries 509986
TOF-Mult
BBC-S-West ADC Sum

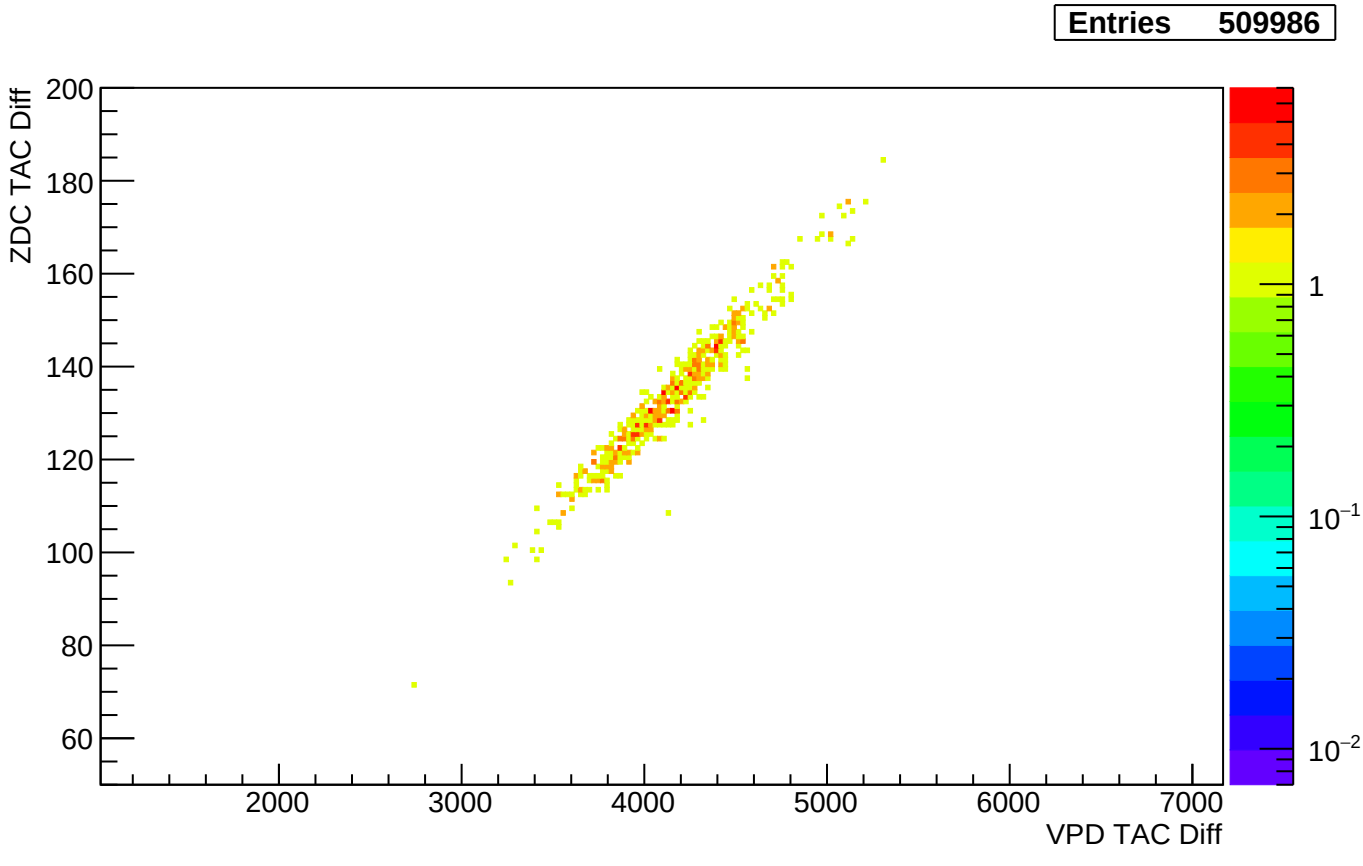

Entries 509986
TOF-Mult
EPD-East Hit Cnt

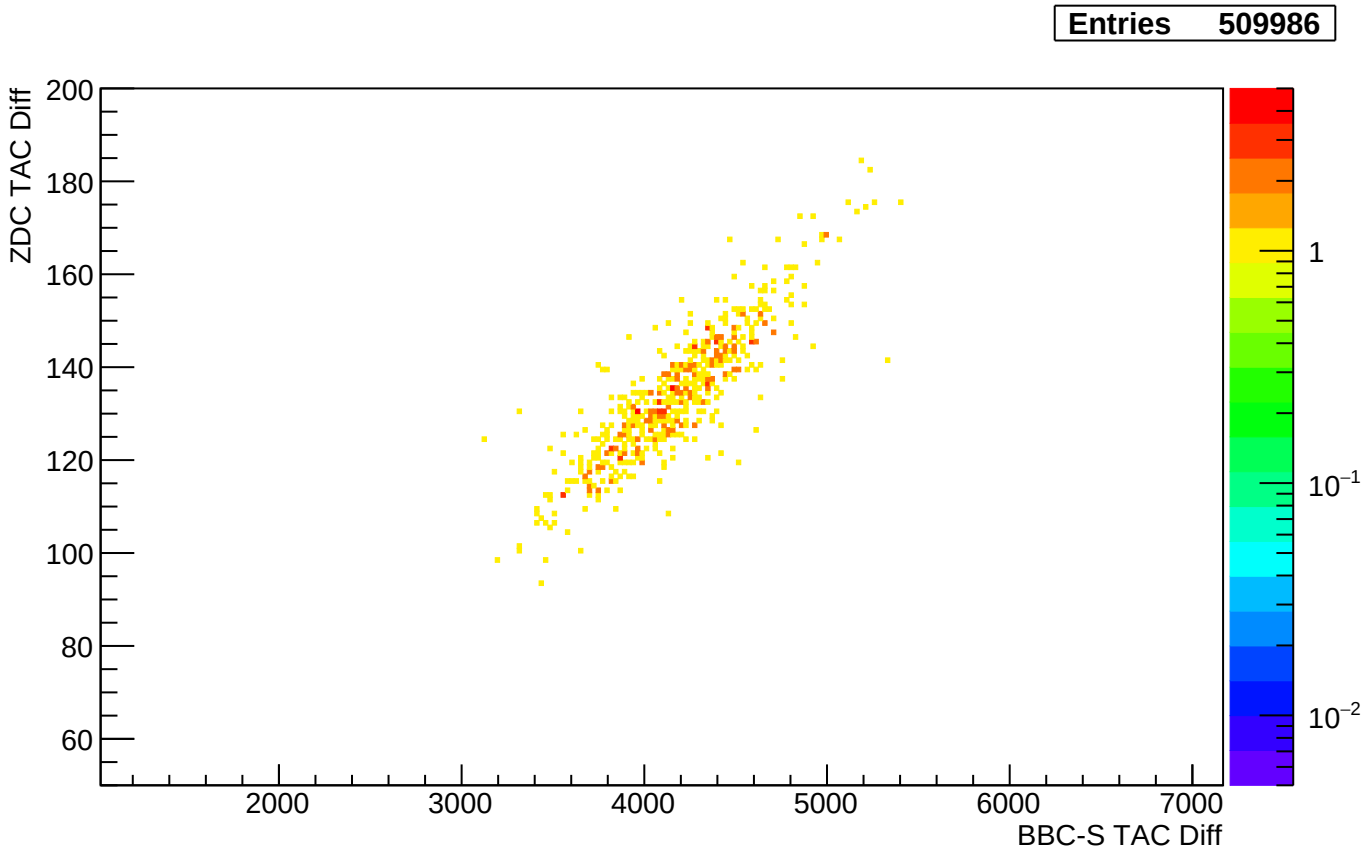

Entries 509986
TOF-Mult
EPD-West Hit Cnt

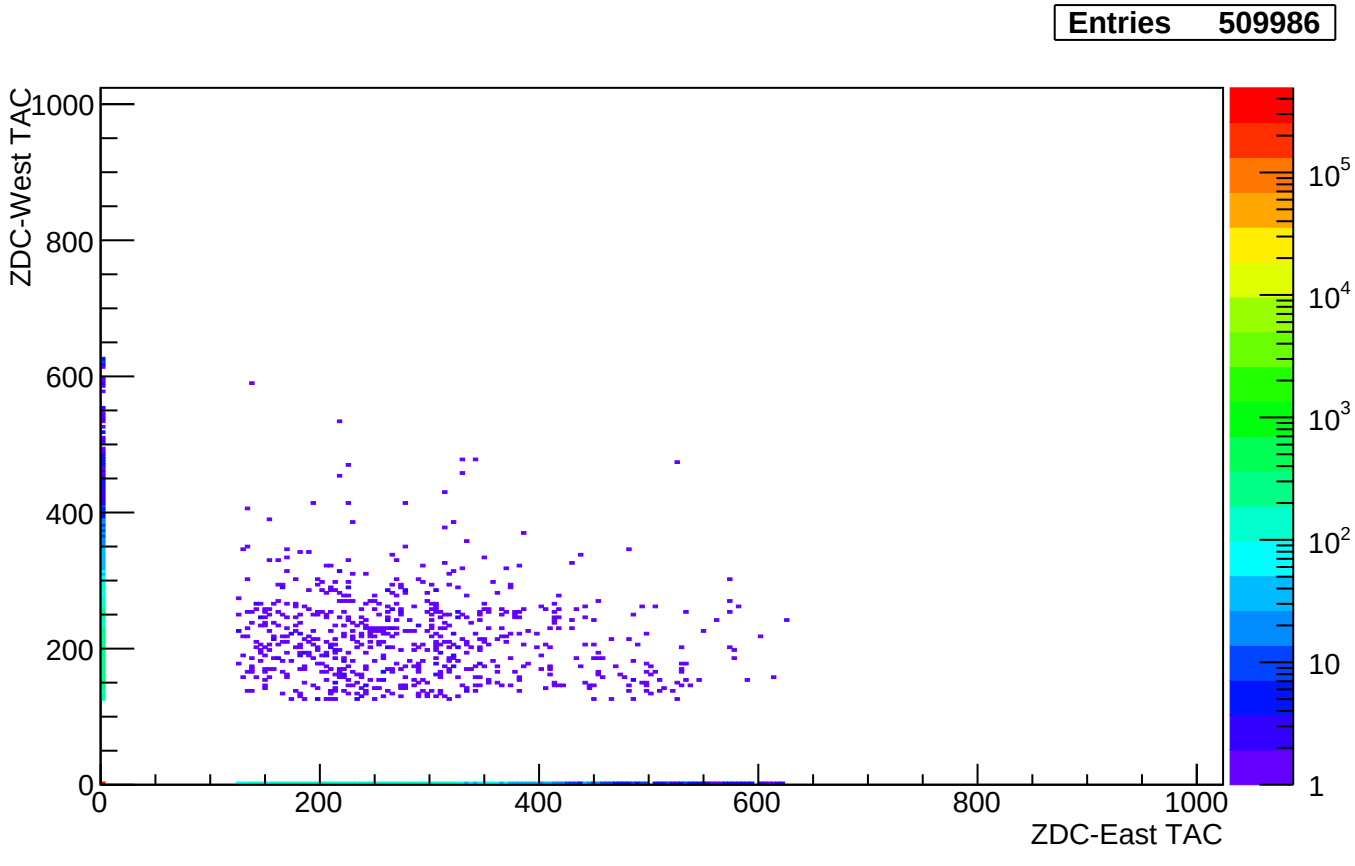

Entries 509986
TOF-Mult
VPD-East ADC Sum

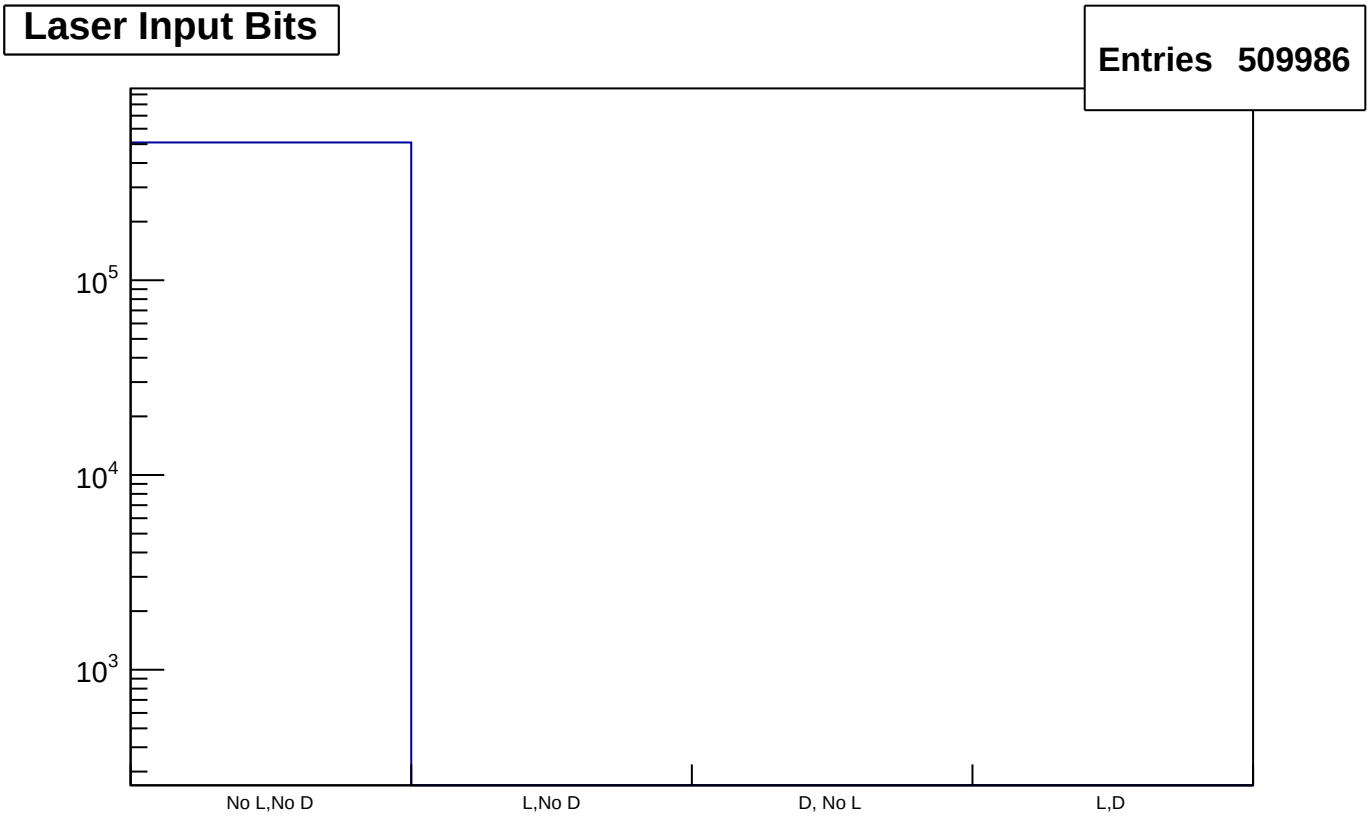

Entries 509986
TOF-Mult
VPD-West ADC Sum

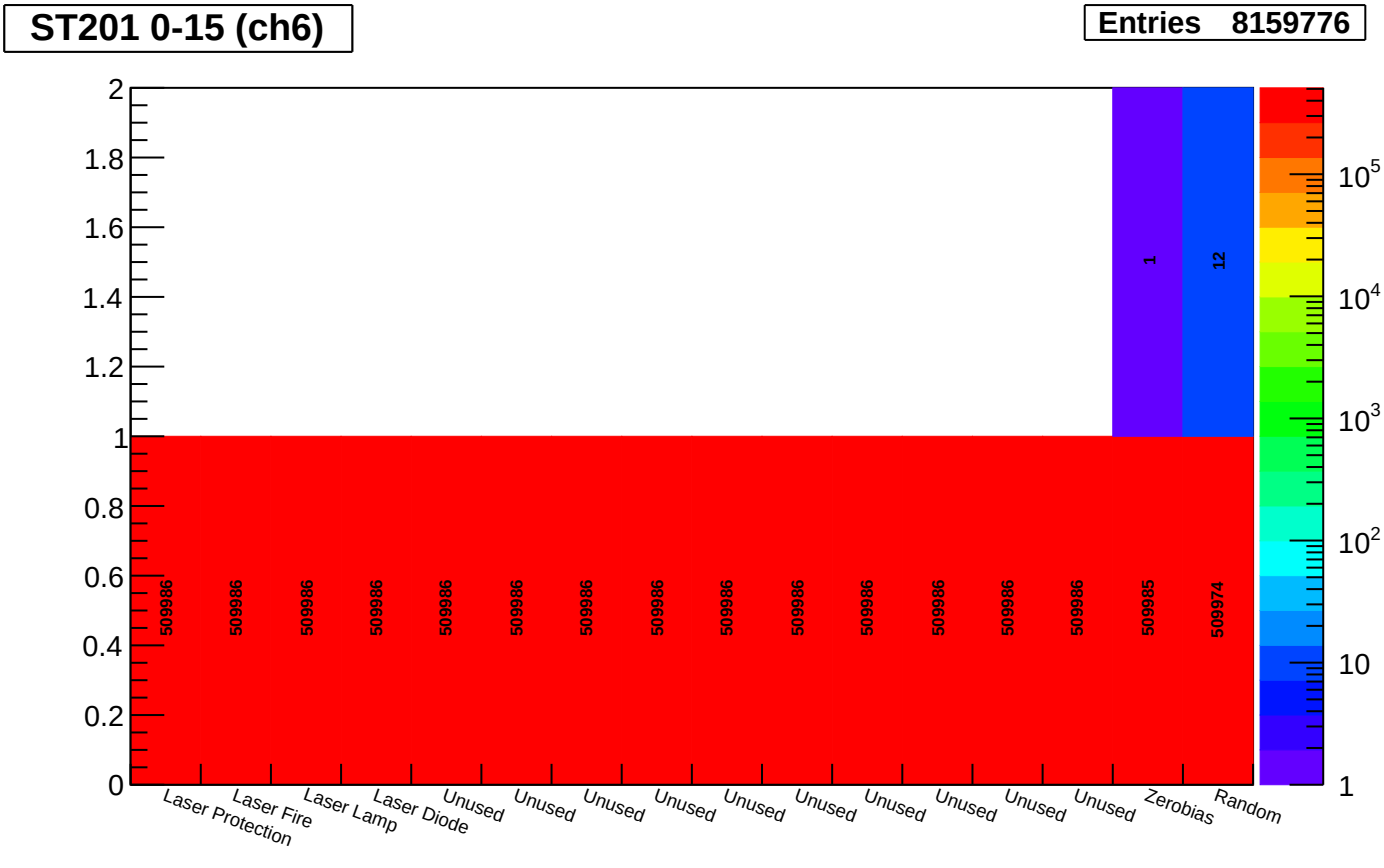

Entries 509986
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

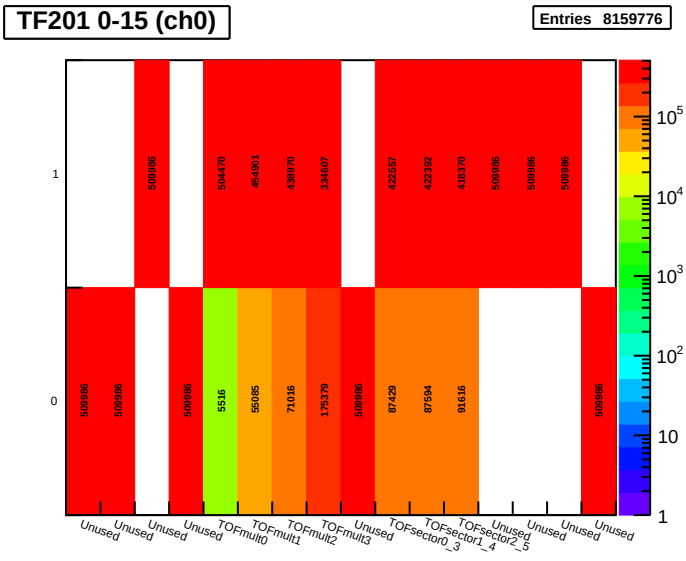

Entries 509986
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

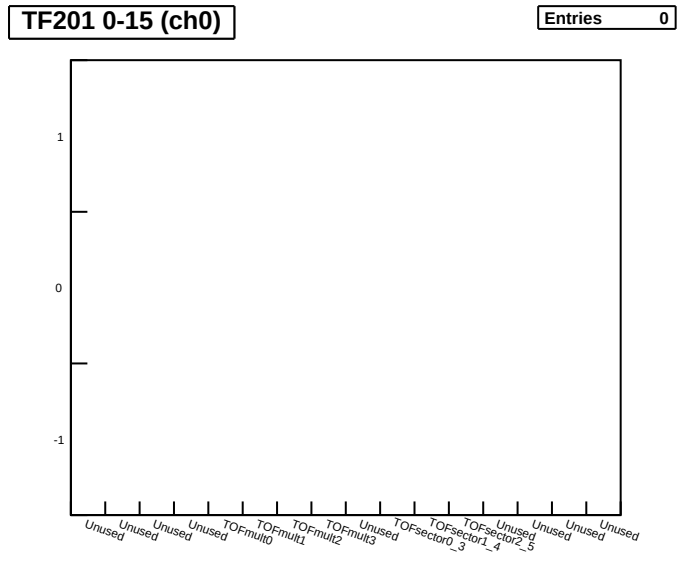

Entries 509986
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

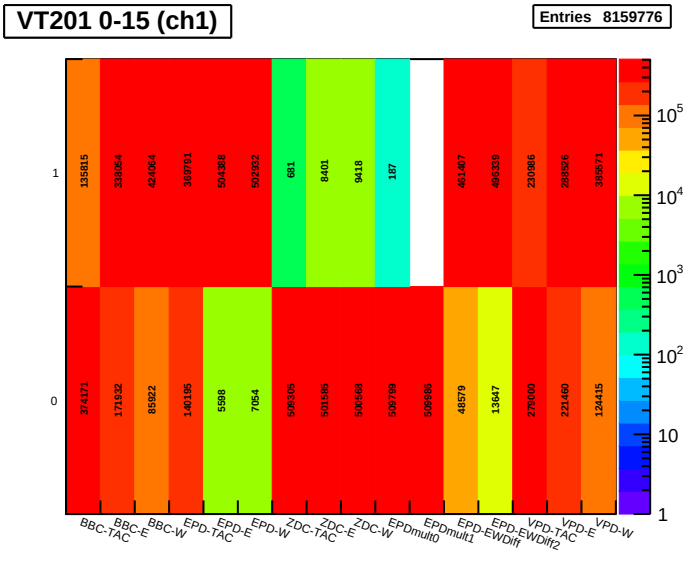

Entries 509986
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

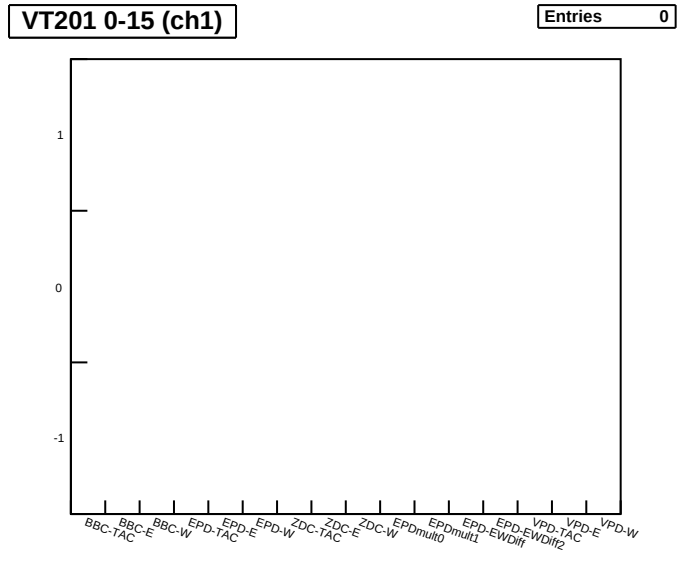

Laser Input Bits
Entries 509986
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

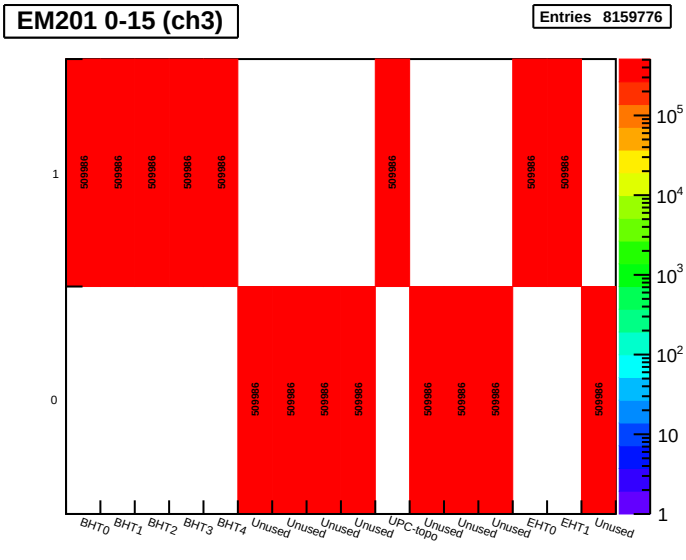

ST201 0-15 (ch6)
Entries 8159776
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
509986
509986
509986
509986
509986
509986
509986
509986
509986
509986
509986
509986
509986
509986
509985
509974
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

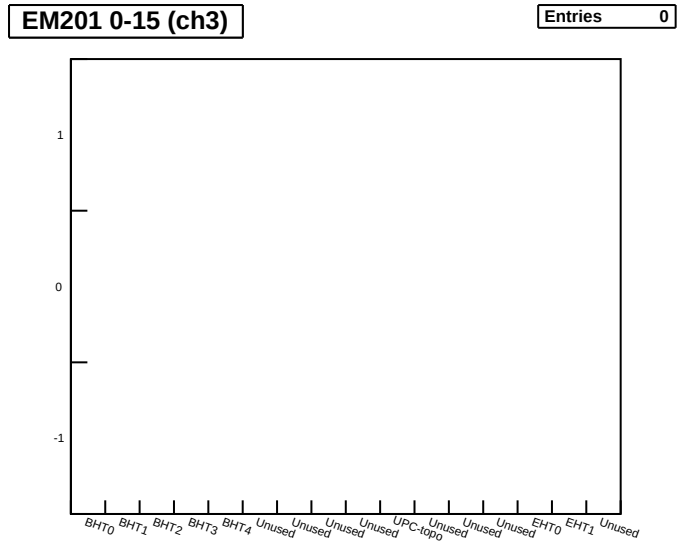

TF201 0-15 (ch0)
Entries 8159776
1
0
509986
504470
454901
439970
334607
422557
422392
418370
509986
509986
509986
509986
509986
5516
55085
71016
175379
509986
87429
87594
91616
509986
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8159776
1
0
135815
338054
424064
369791
504388
502932
681
8401
9418
187
461407
496339
230986
288526
385571
374171
171932
85822
140195
5598
7054
508305
501585
500568
509799
509986
48579
13647
279000
221460
124415
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 8159776
1
0
509986
509986
509986
509986
509986
509986
509986
509986
509986
509986
509986
509986
509986
509986
509986
509986
509986
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