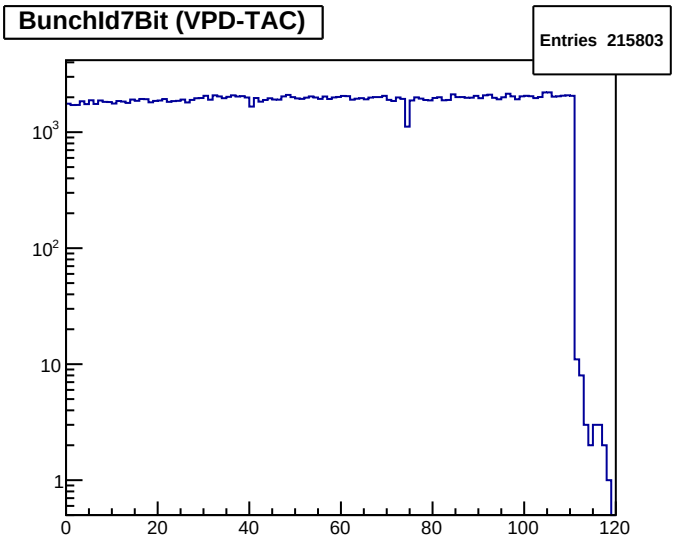
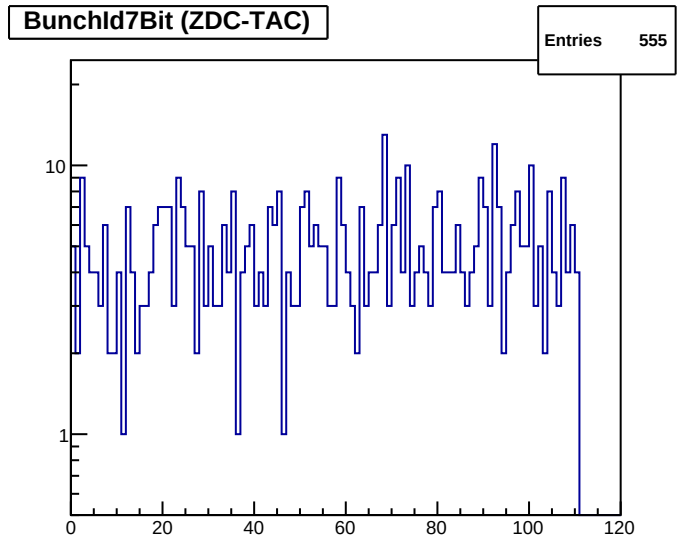
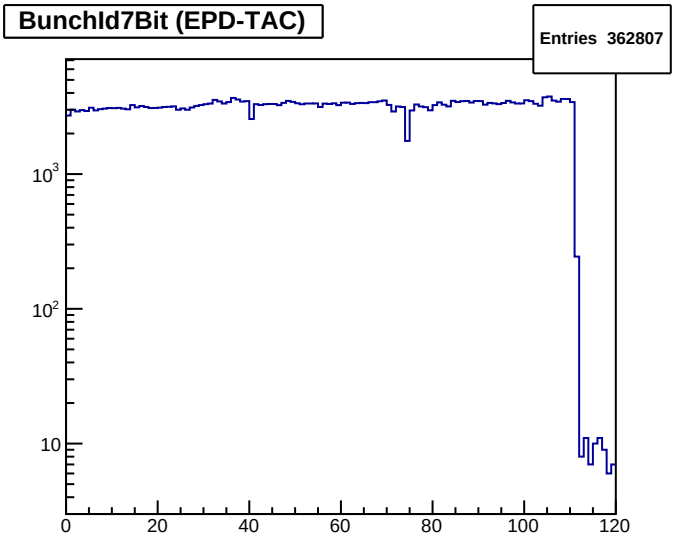
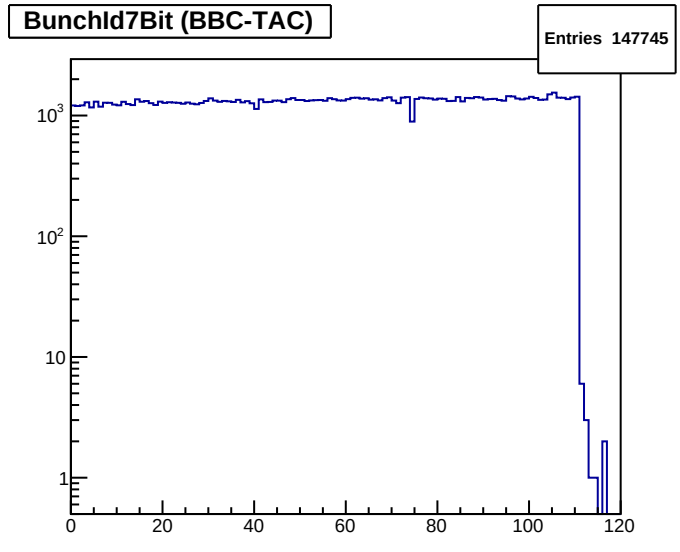
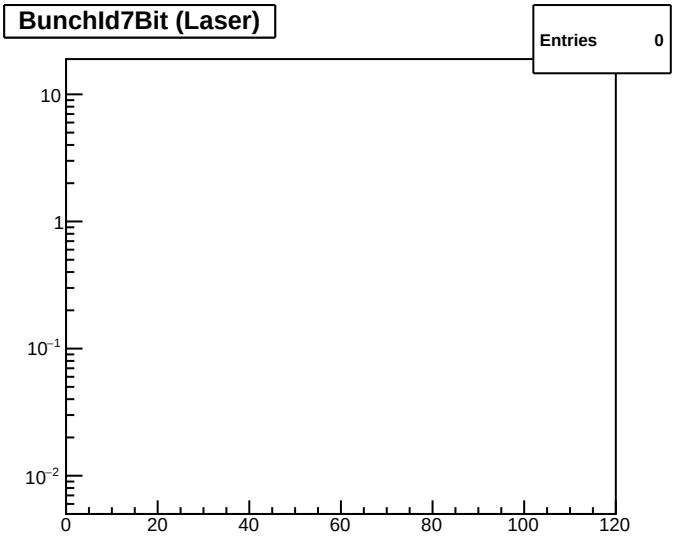
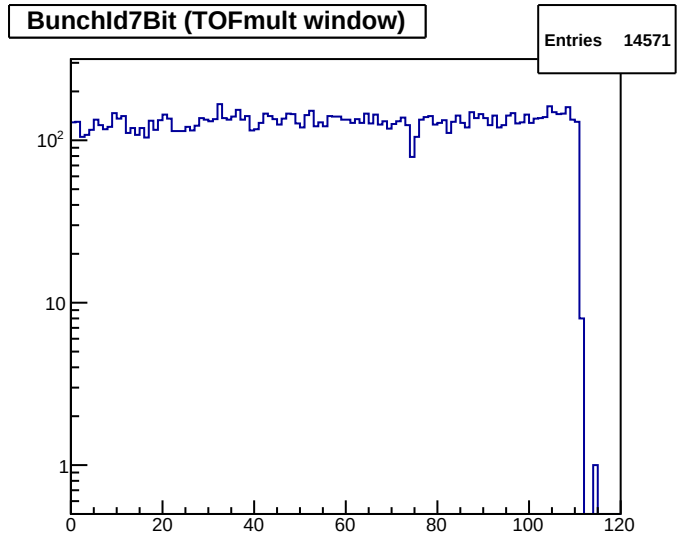

BunchId7Bit (VPD-TAC)
Entries 215803

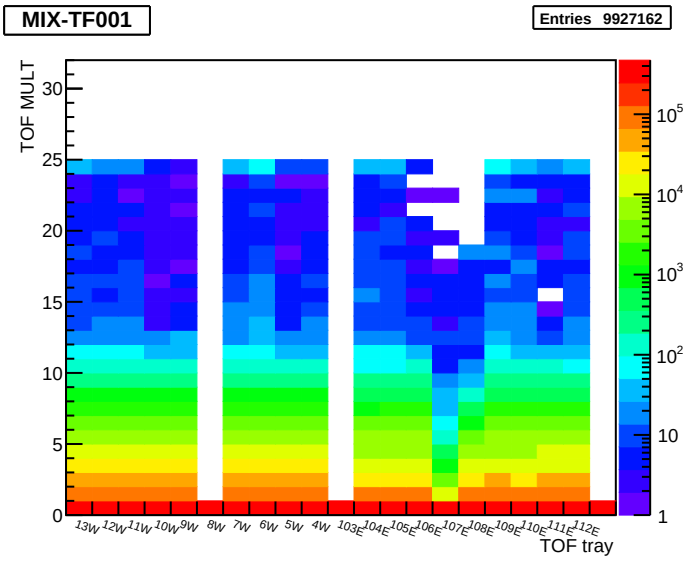

BunchId7Bit (ZDC-TAC)
Entries 555

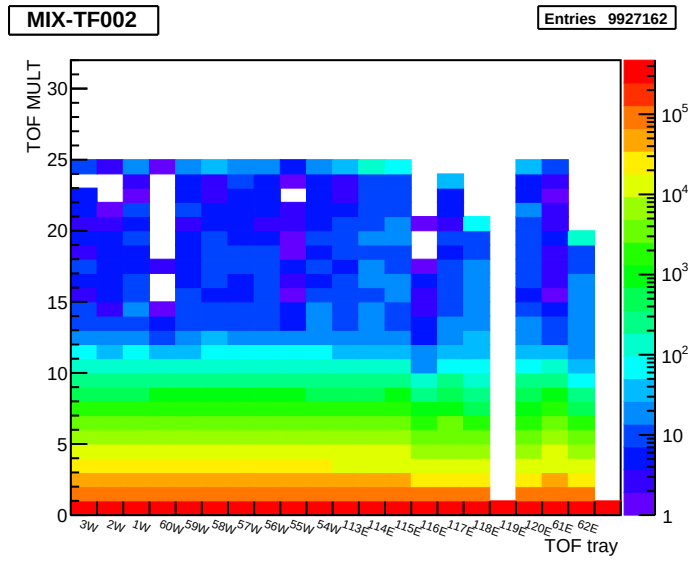

BunchId7Bit (EPD-TAC)
Entries 362807

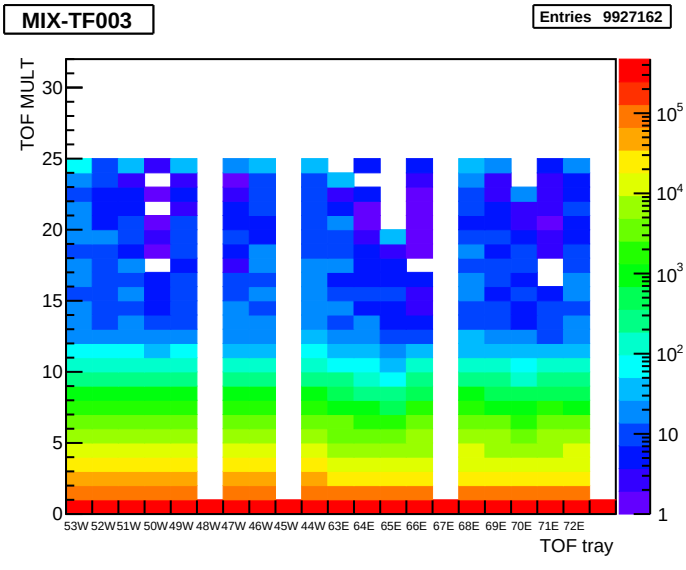

BunchId7Bit (BBC-TAC)
Entries 147745

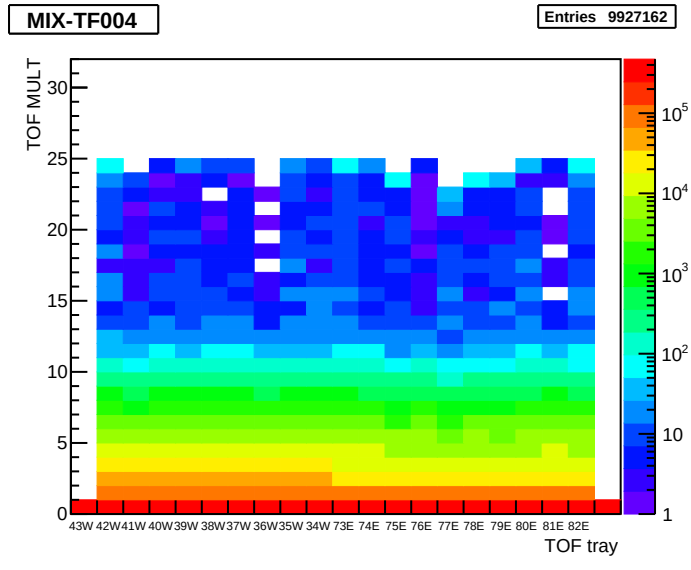

BunchId7Bit (Laser)
Entries 0

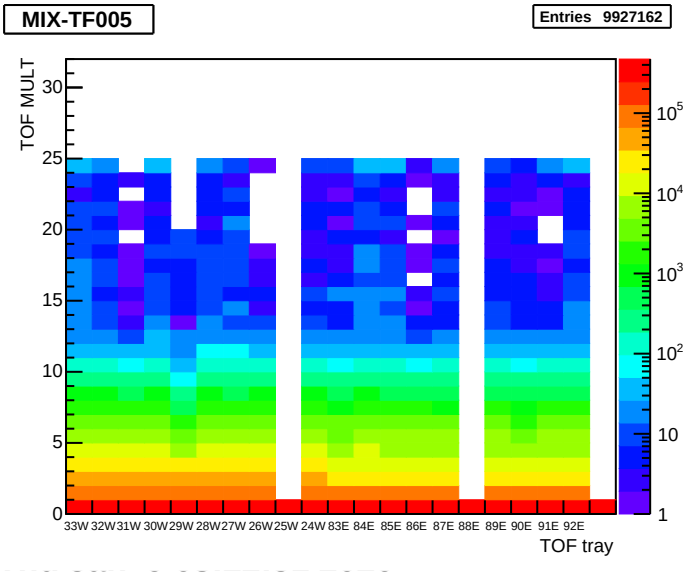

BunchId7Bit (TOFmult window)
Entries 14571

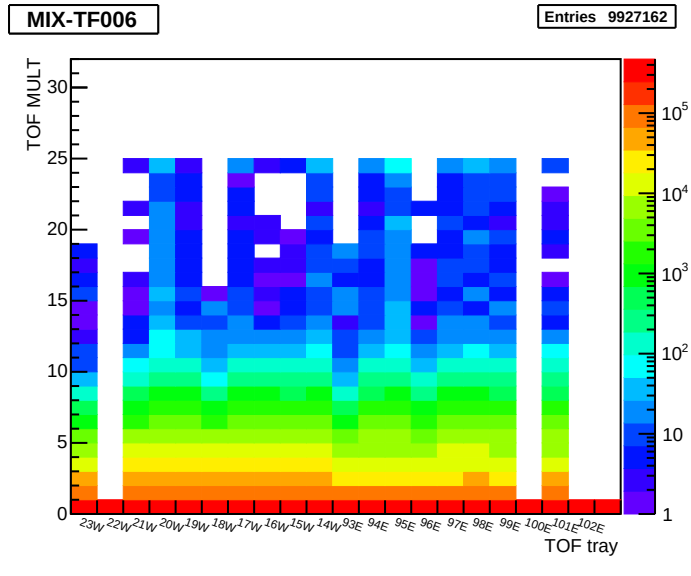

MIX-TF001
Entries 9927162
TOF MULT
TOF tray

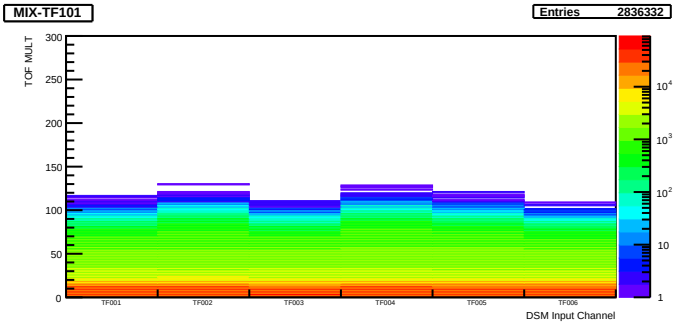

MIX-TF002
Entries 9927162
TOF MULT
TOF tray

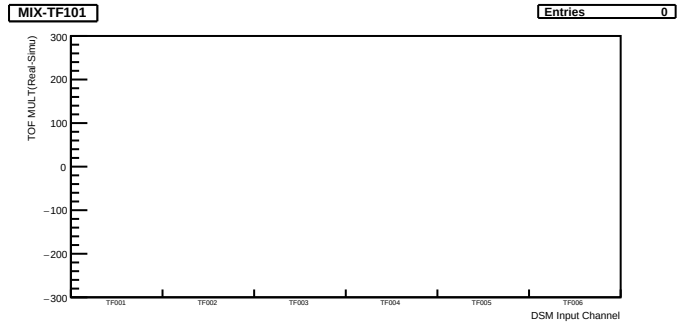

MIX-TF003
Entries 9927162
TOF MULT
TOF tray

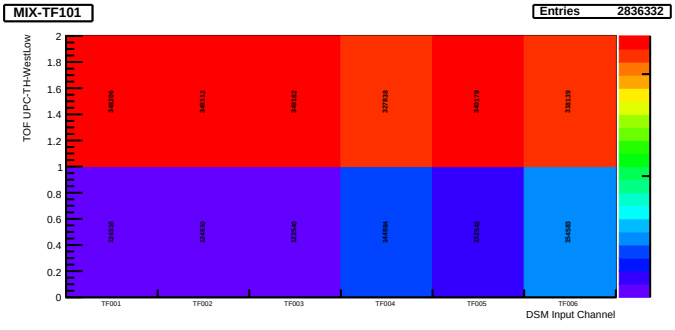

MIX-TF004
Entries 9927162
TOF MULT
TOF tray

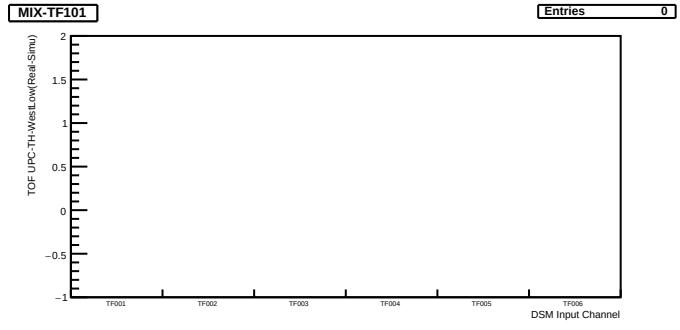

MIX-TF005
Entries 9927162
TOF MULT
TOF tray

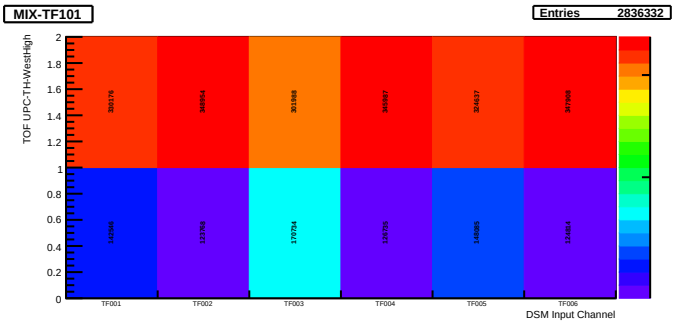

MIX-TF006
Entries 9927162
TOF MULT
TOF tray

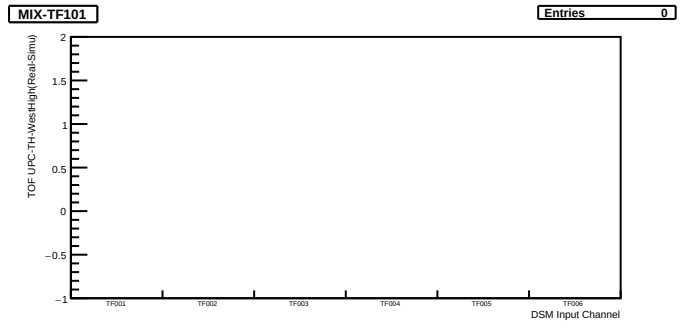

MIX-TF101
Entries 2836332
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

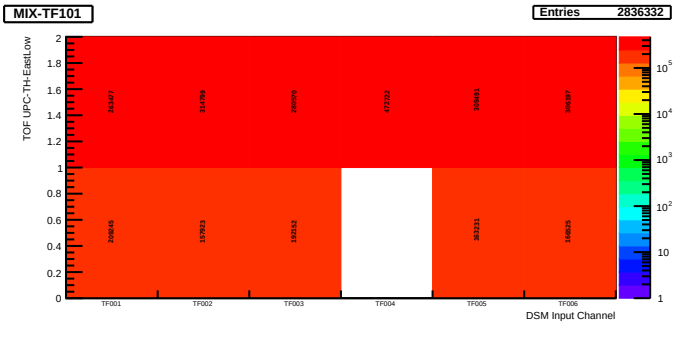

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

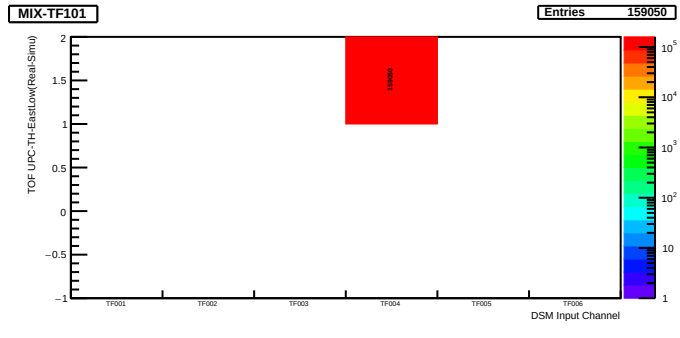

MIX-TF101
Entries 2836332
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

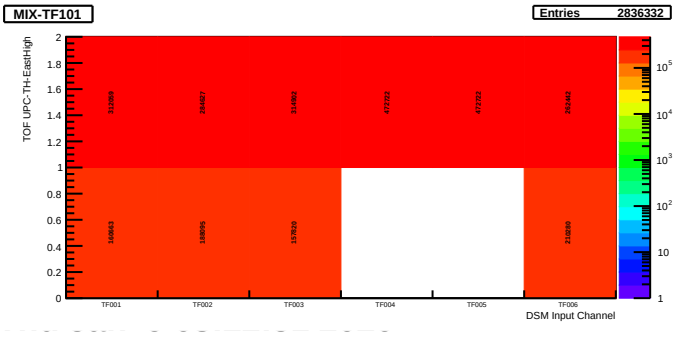

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

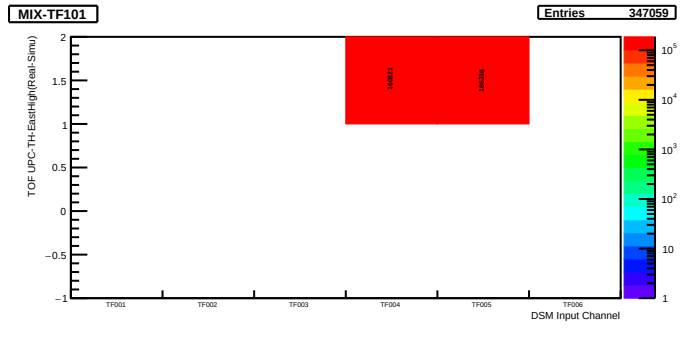

MIX-TF101
Entries 2836332
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

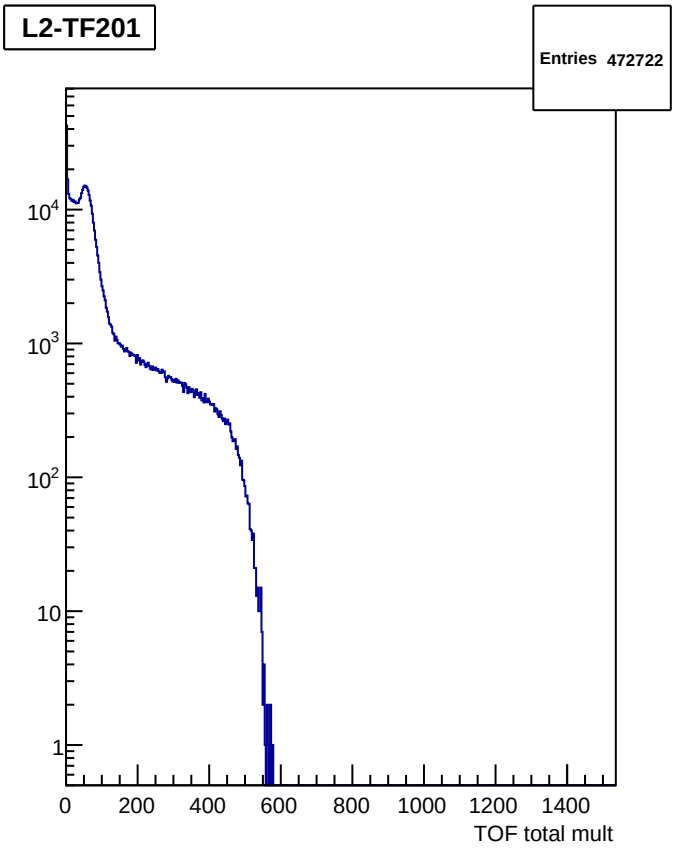

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

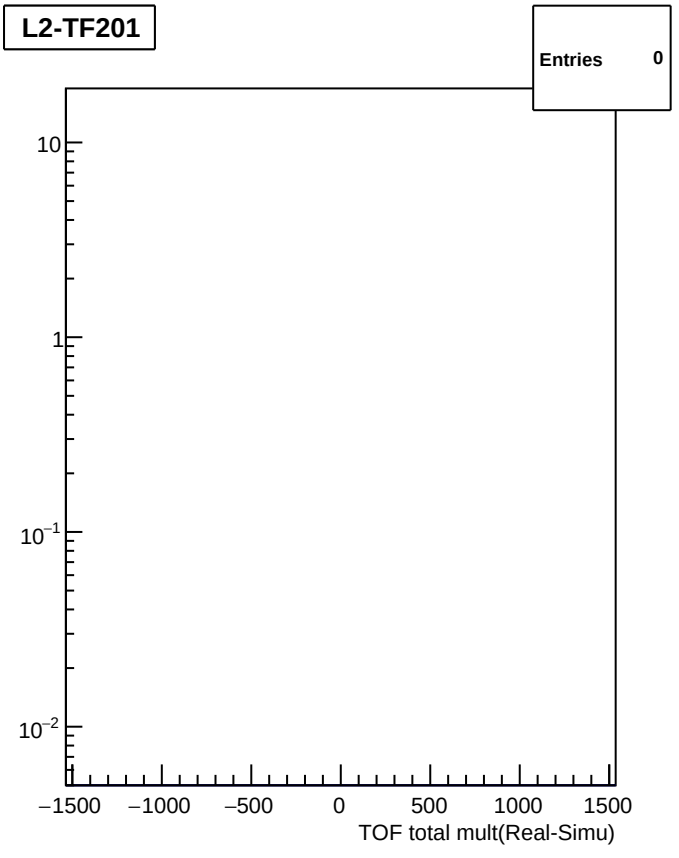

MIX-TF101
Entries 2836332
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

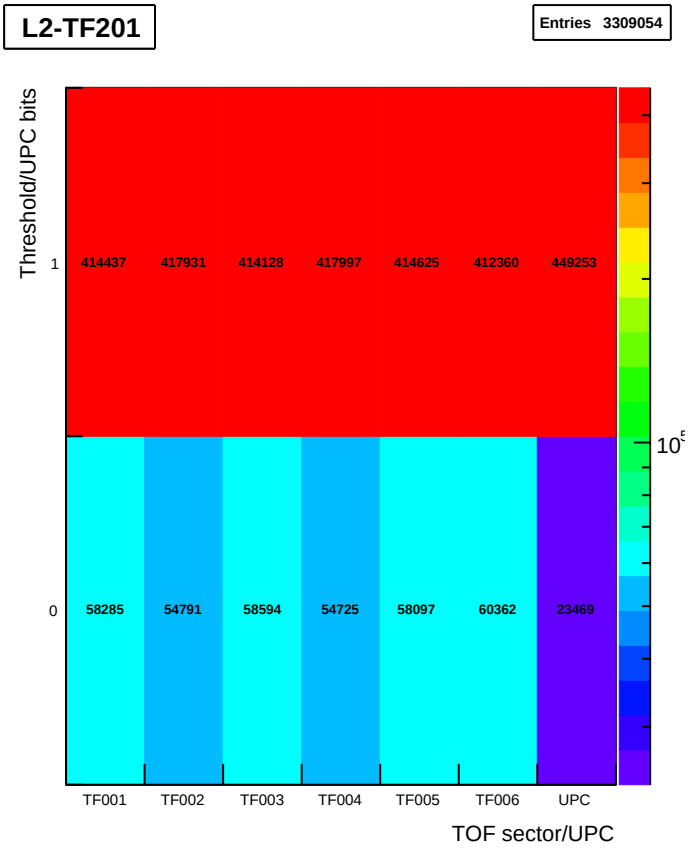

MIX-TF101
Entries 159050
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

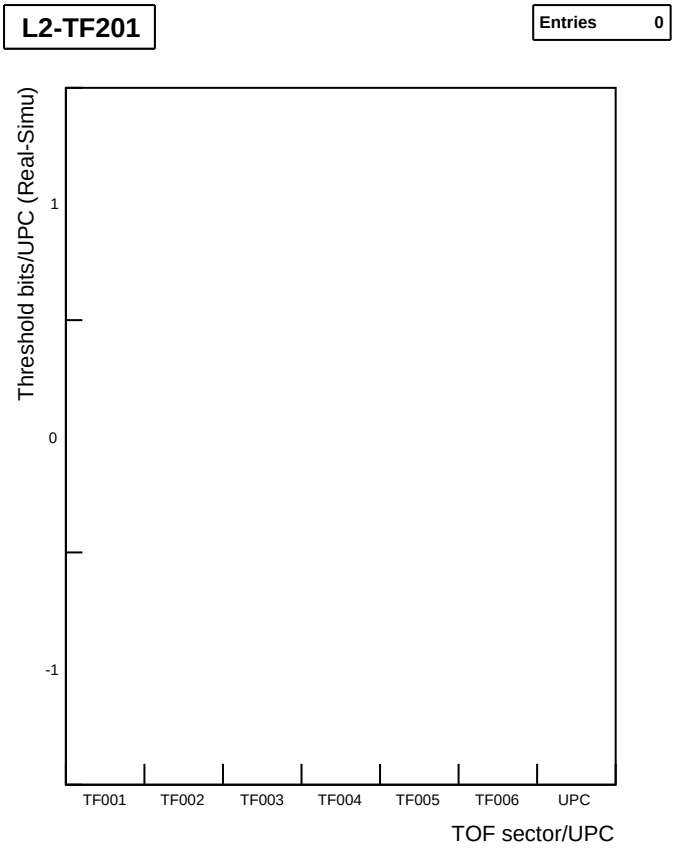

MIX-TF101
Entries 2836332
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

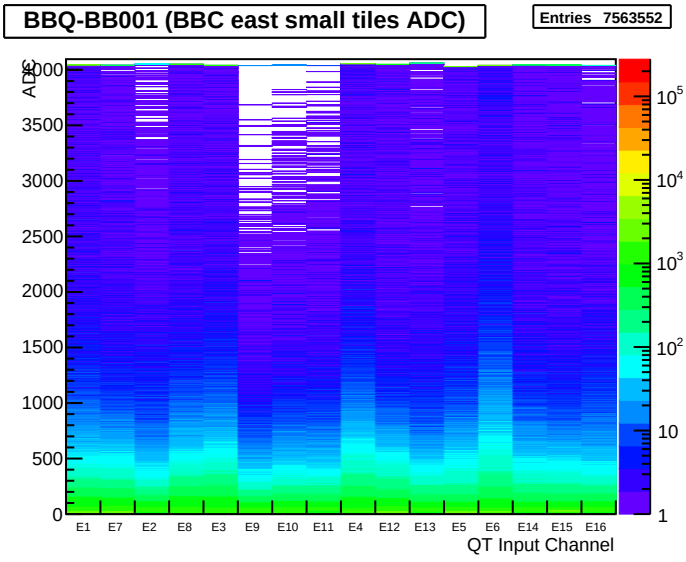

MIX-TF101
Entries 347059
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

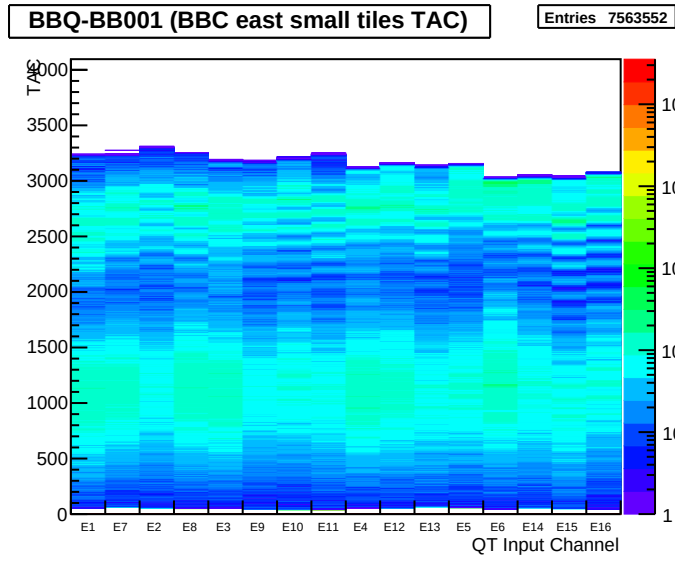

L2-TF201
Entries 472722
TOF total mult

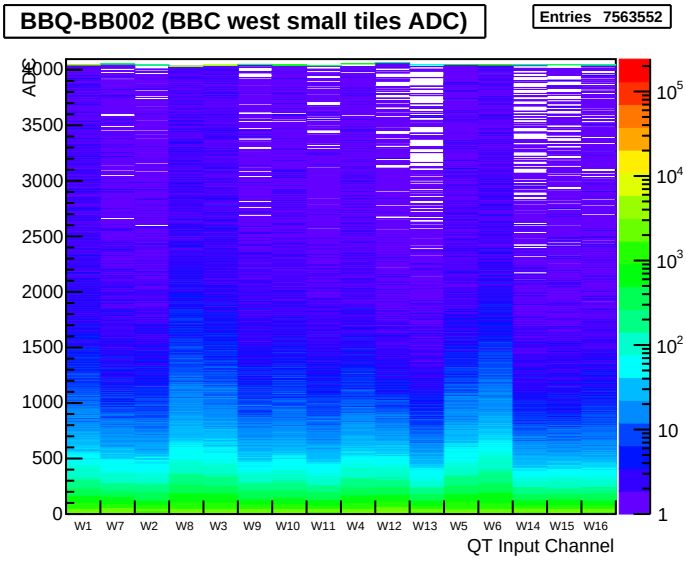

L2-TF201
Entries 0
TOF total mult(Real-Simu)

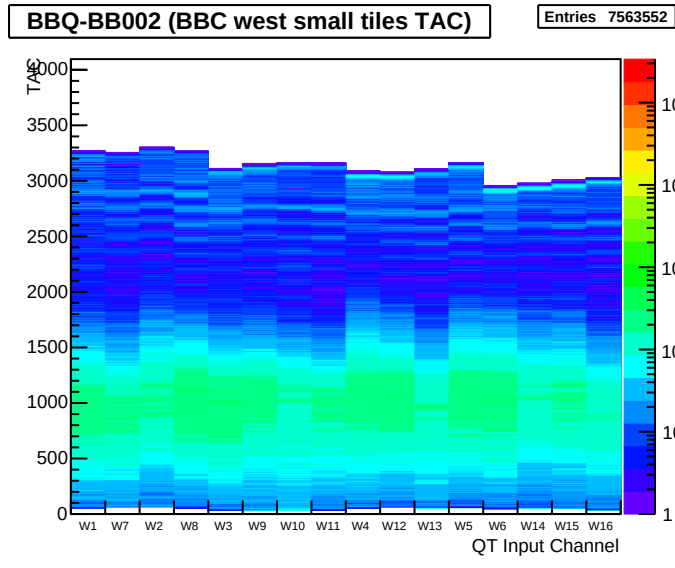

L2-TF201
Entries 3309054
Threshold/UPC bits
414437
417931
414128
417997
414625
412360
449253
58285
54791
58594
54725
58097
60362
23469
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

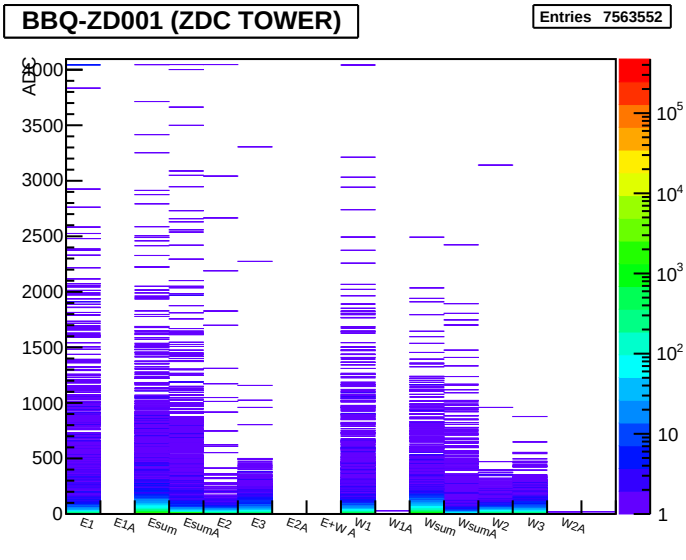

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

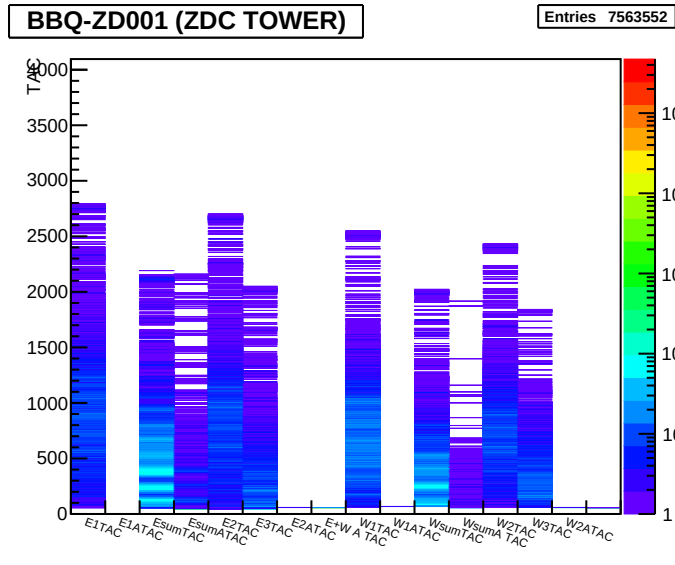

BBQ-BB001 (BBC east small tiles ADC)
Entries 7563552
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

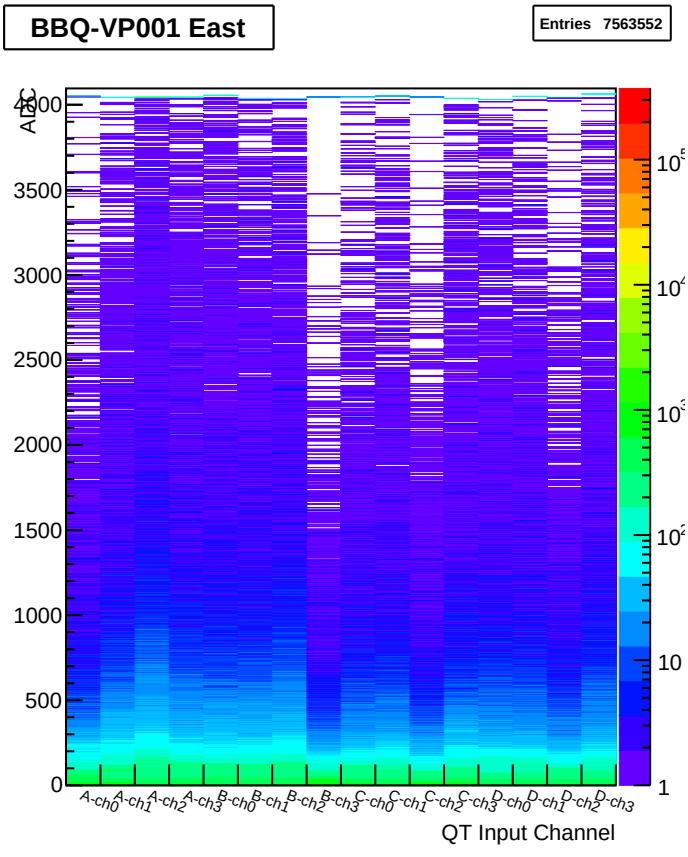

BBQ-BB001 (BBC east small tiles TAC)
Entries 7563552
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

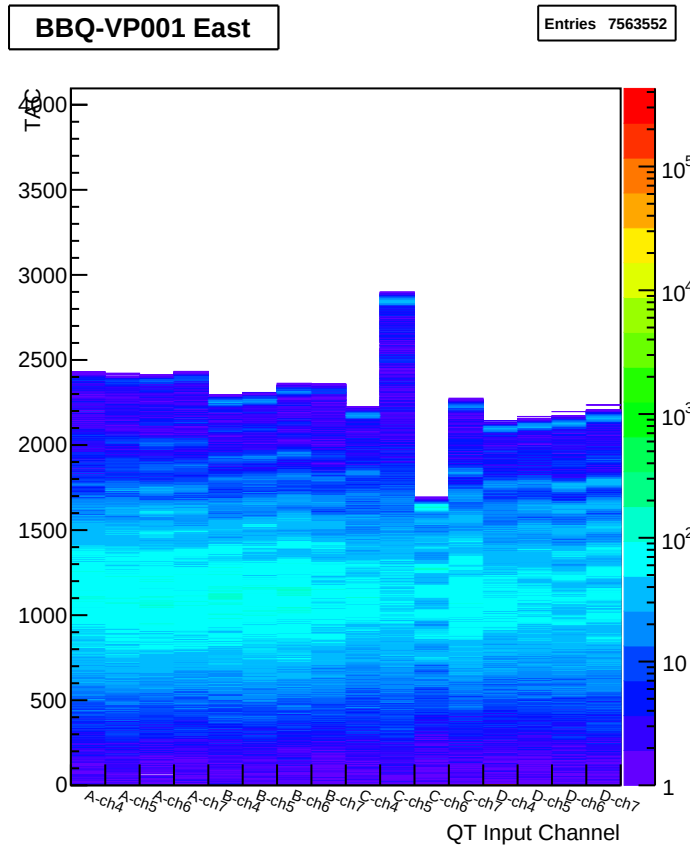

BBQ-BB002 (BBC west small tiles ADC)
Entries 7563552
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

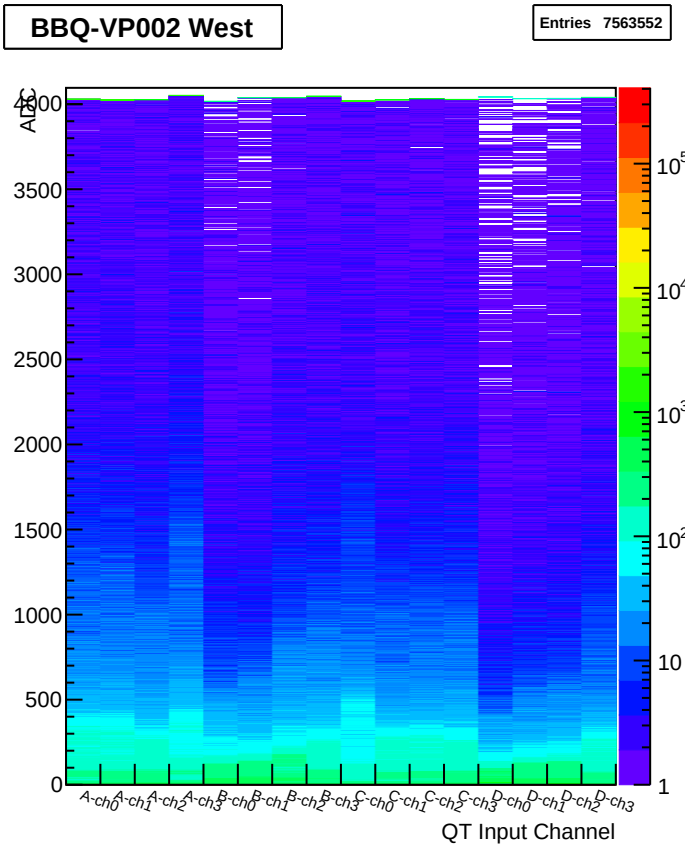

BBQ-BB002 (BBC west small tiles TAC)
Entries 7563552
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

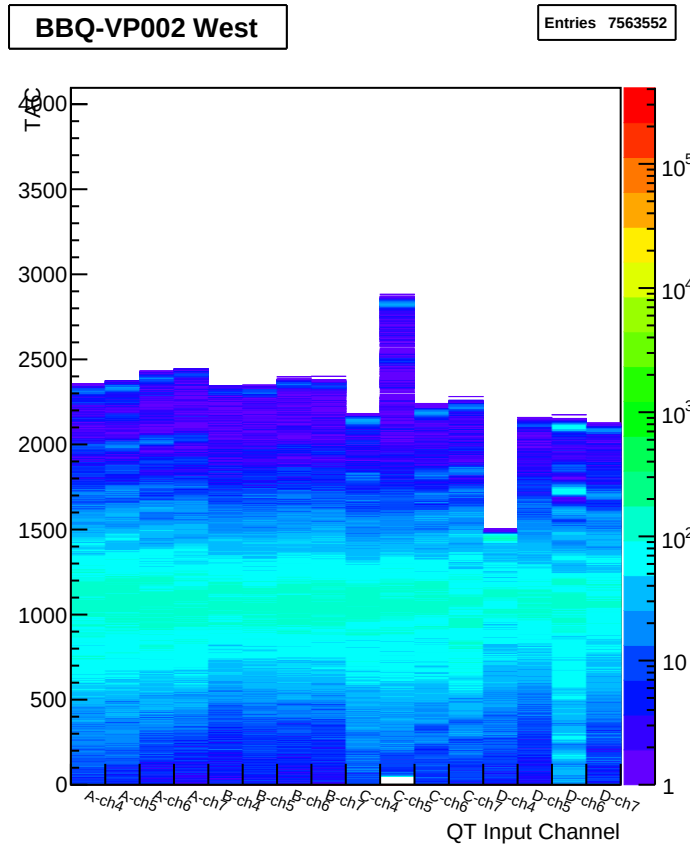

BBQ-ZD001 (ZDC TOWER)
Entries 7563552
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

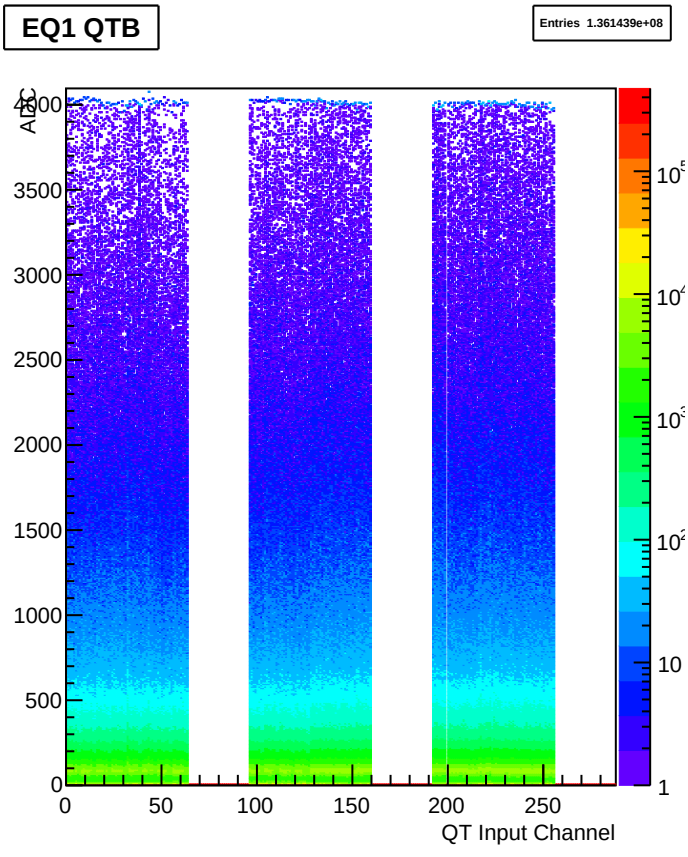

BBQ-ZD001 (ZDC TOWER)
Entries 7563552
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

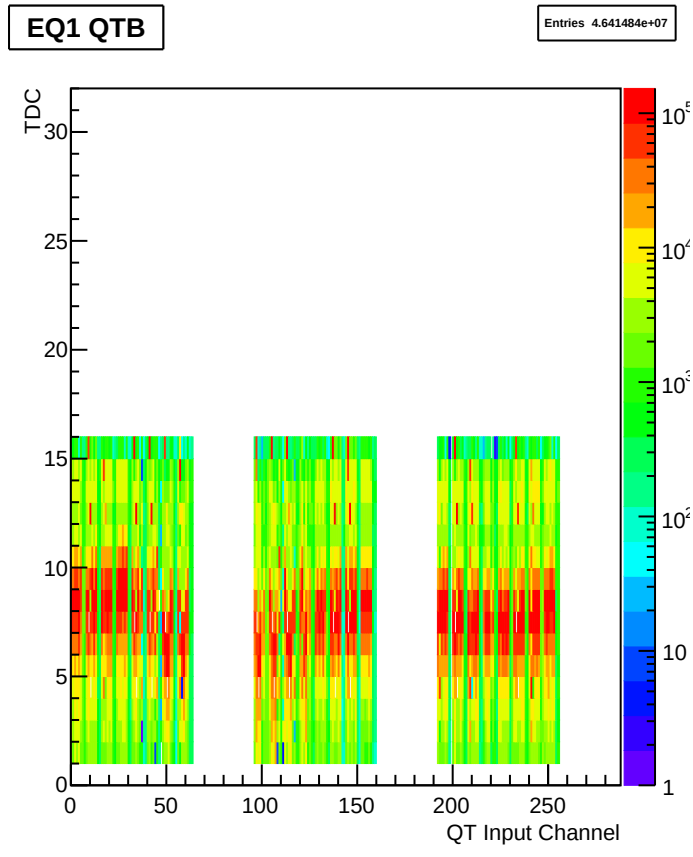

BBQ-VP001 East
Entries 7563552
ADC
QT Input Channel

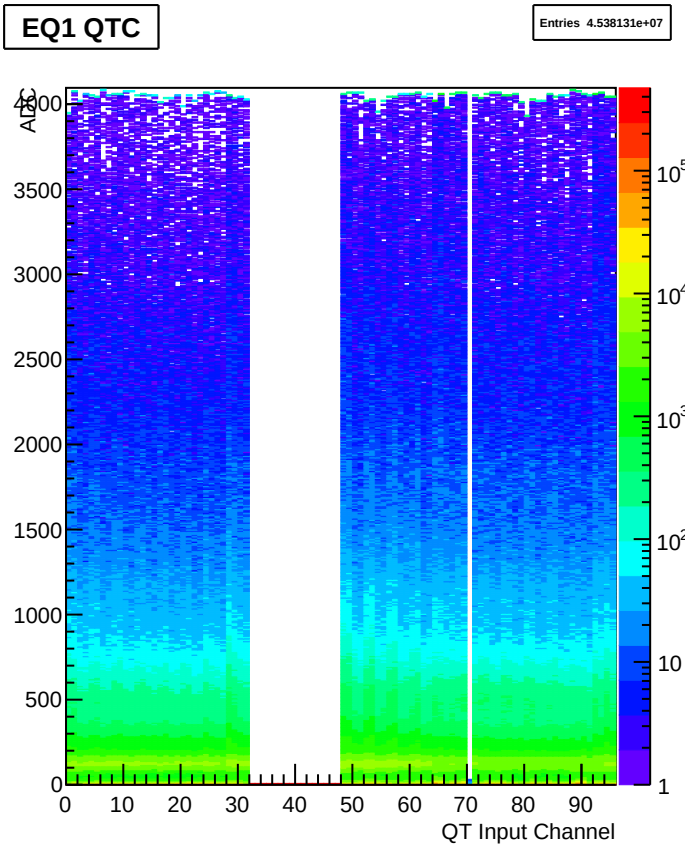

BBQ-VP001 East
Entries 7563552
TADC
QT Input Channel

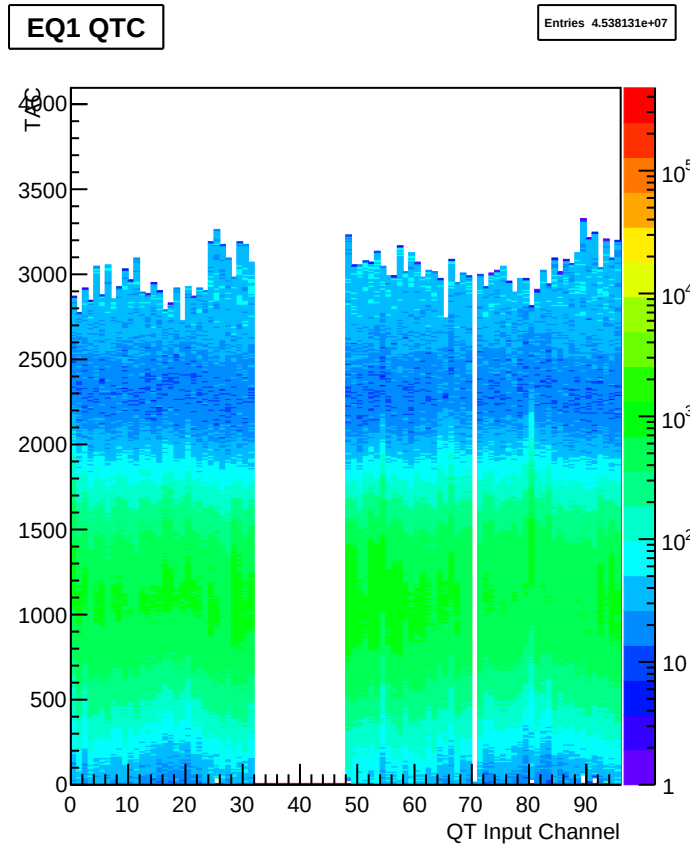

BBQ-VP002 West
Entries 7563552
ADC
QT Input Channel

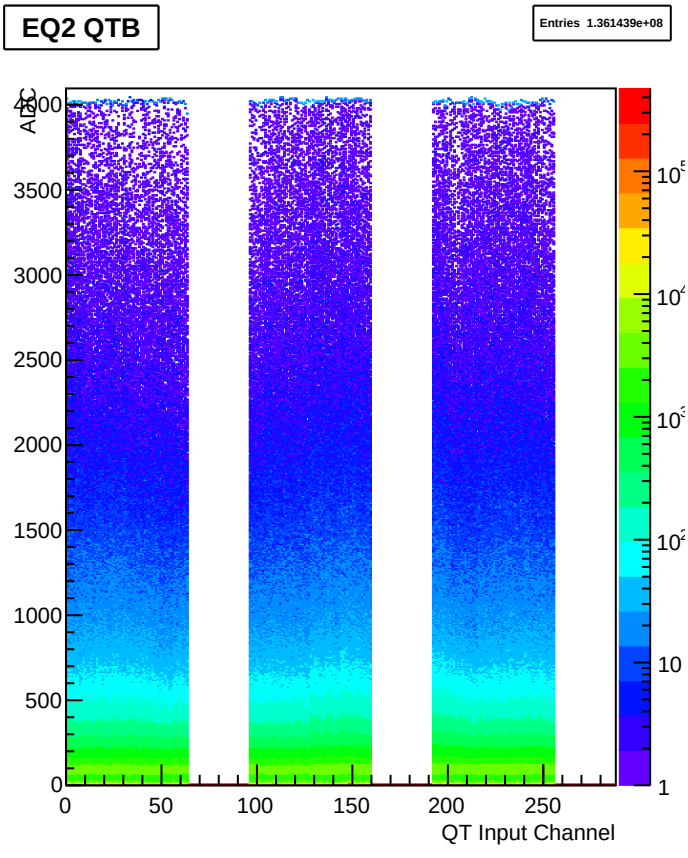

BBQ-VP002 West
Entries 7563552
TADC
QT Input Channel

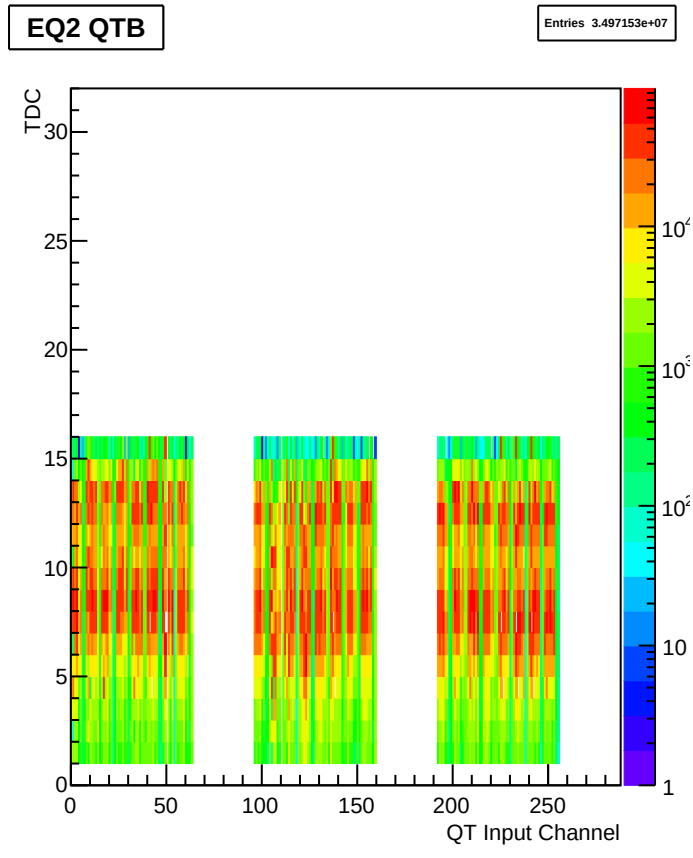

EQ1 QTB
Entries 1.361439e+08
ADC
QT Input Channel

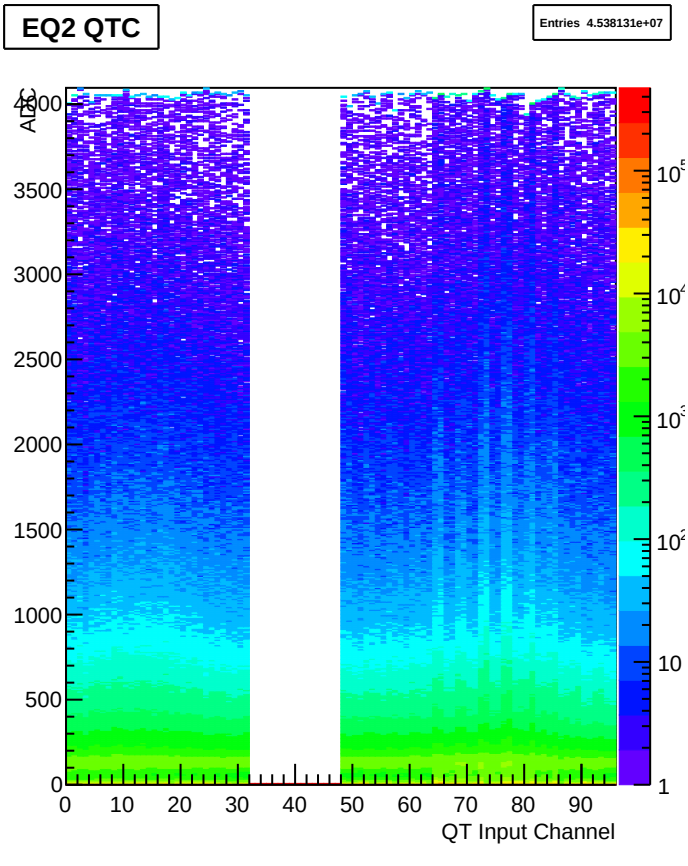

EQ1 QTB
Entries 4.641484e+07
TDC
QT Input Channel

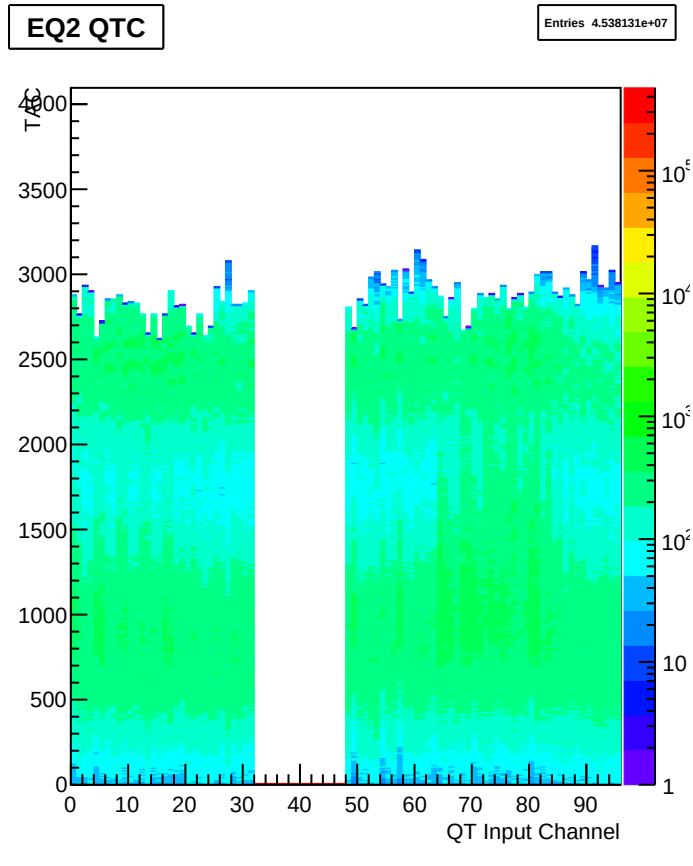

EQ1 QTC
Entries 4.538131e+07
ADC
QT Input Channel

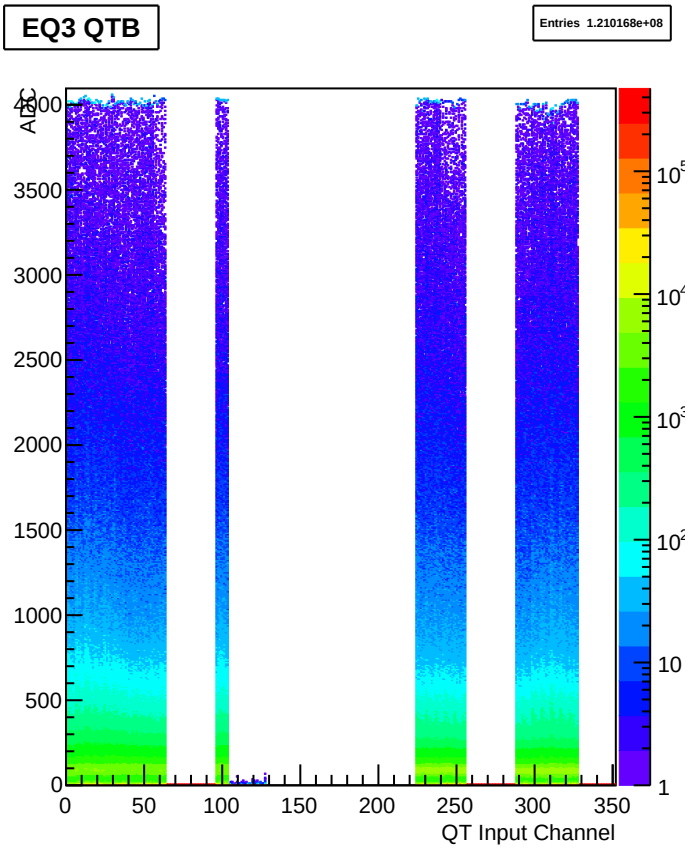

EQ1 QTC
Entries 4.538131e+07
TADC
QT Input Channel

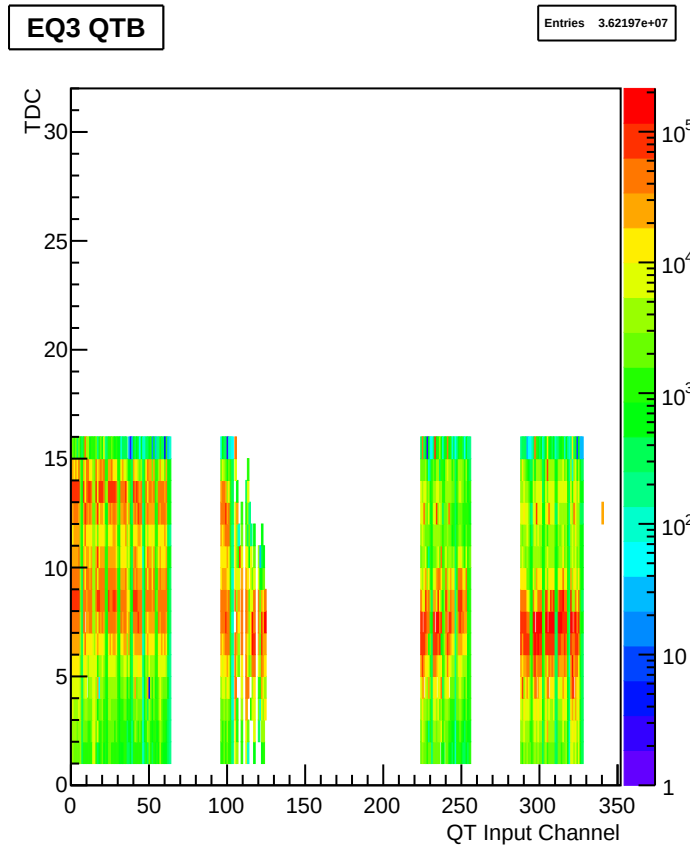

EQ2 QTB
Entries 1.361439e+08
ADC
QT Input Channel

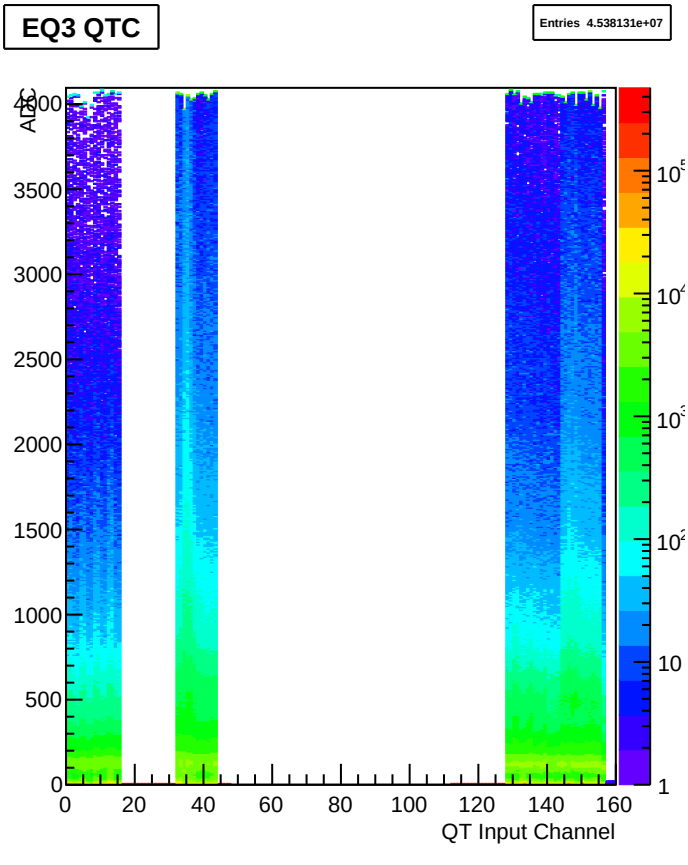

EQ2 QTB
Entries 3.497153e+07
TDC
QT Input Channel

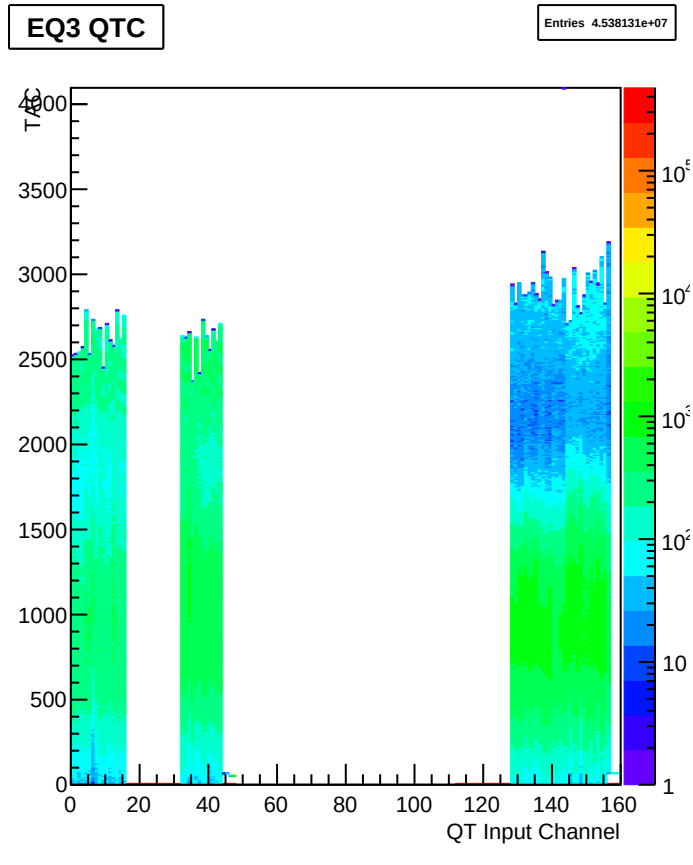

EQ2 QTC
Entries 4.538131e+07
ADC
QT Input Channel

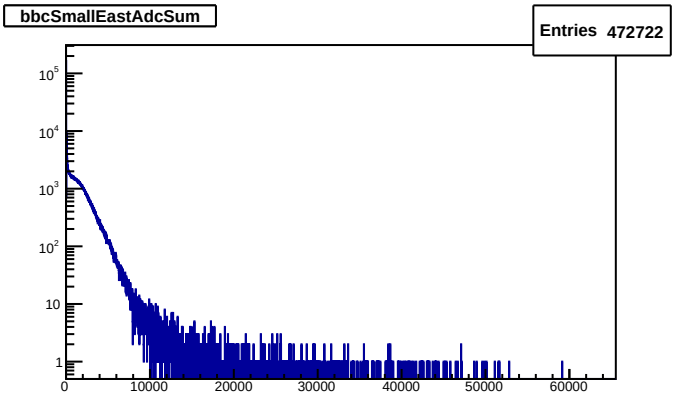

EQ2 QTC
Entries 4.538131e+07
TADC
QT Input Channel

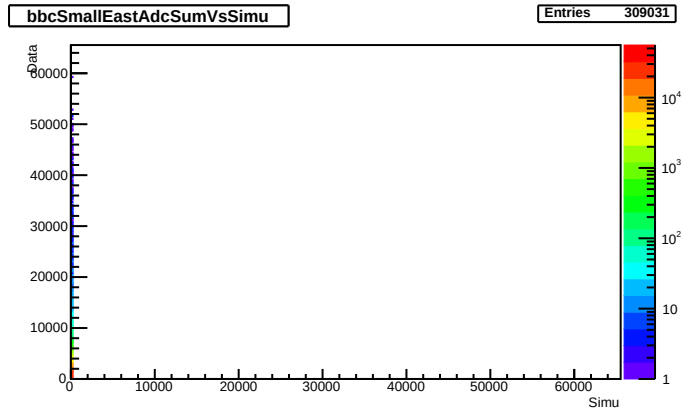

EQ3 QTB
Entries 1.210168e+08
ADC
QT Input Channel

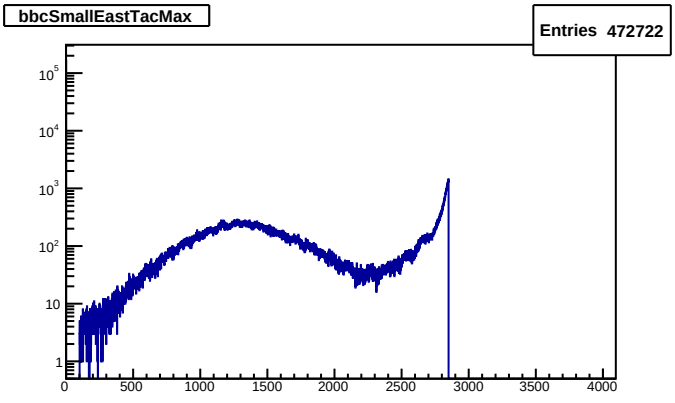

EQ3 QTB
Entries 3.62197e+07
TDC
QT Input Channel

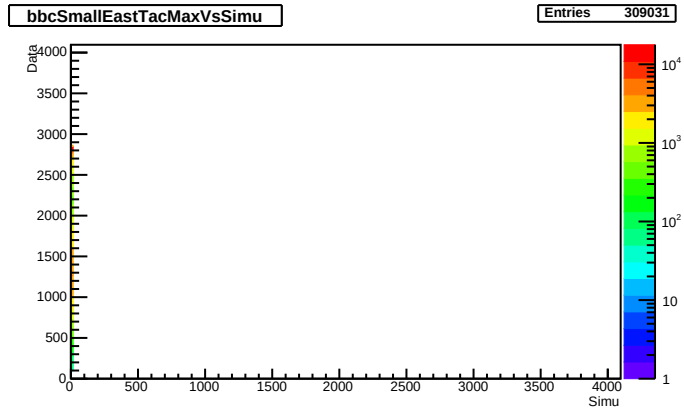

EQ3 QTC
Entries 4.538131e+07
ADC
QT Input Channel

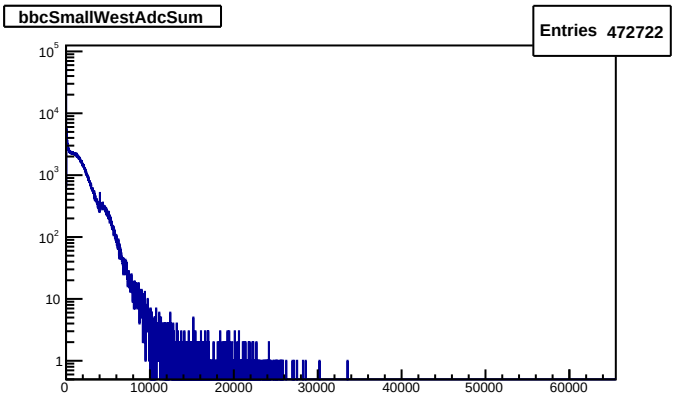

EQ3 QTC
Entries 4.538131e+07
TADC
QT Input Channel

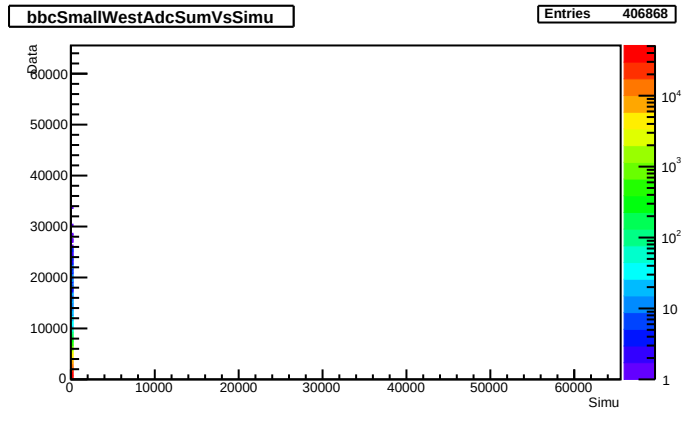

bbcSmallEastAdcSum
Entries 472722

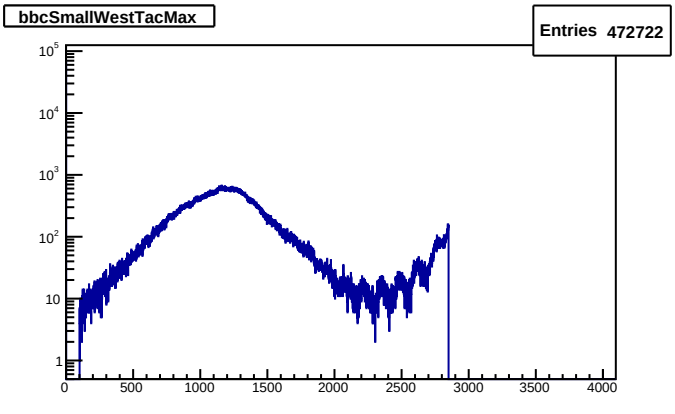

bbcSmallEastAdcSumVsSimu
Entries 309031
Data
Simu

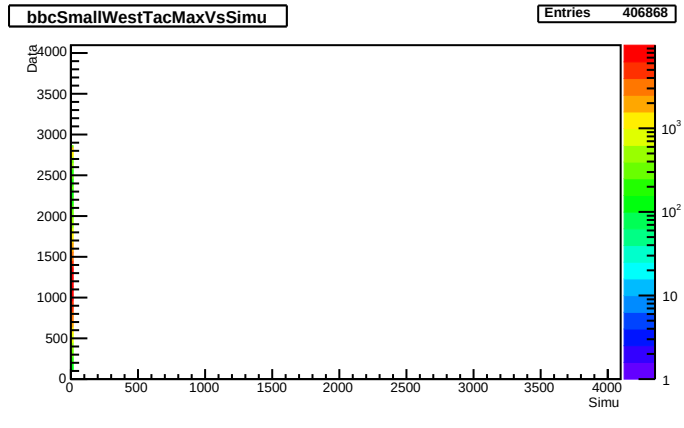

bbcSmallEastTacMax
Entries 472722

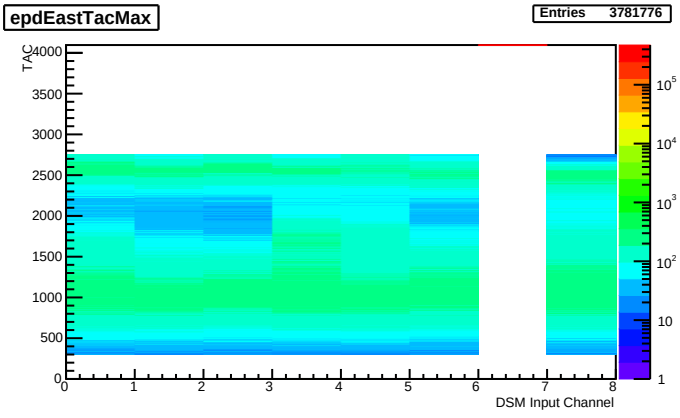

bbcSmallEastTacMaxVsSimu
Entries 309031
Data
Simu

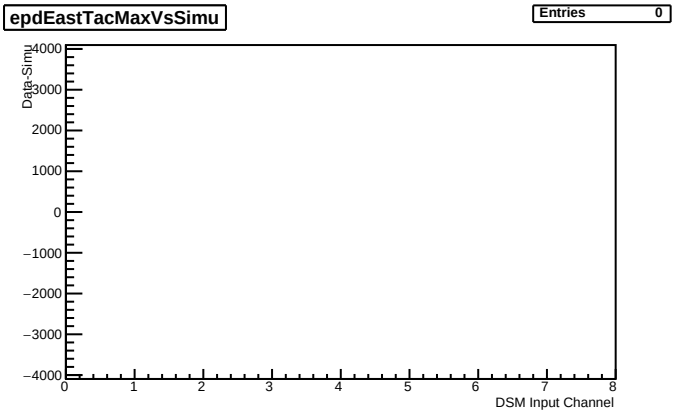

bbcSmallWestAdcSum
Entries 472722

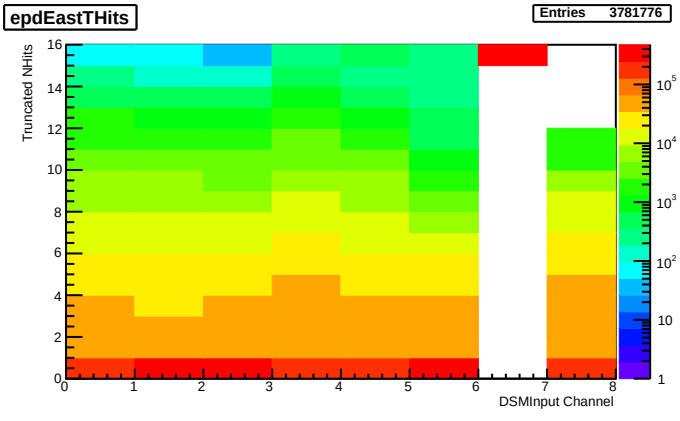

bbcSmallWestAdcSumVsSimu
Entries 406868
Data
Simu

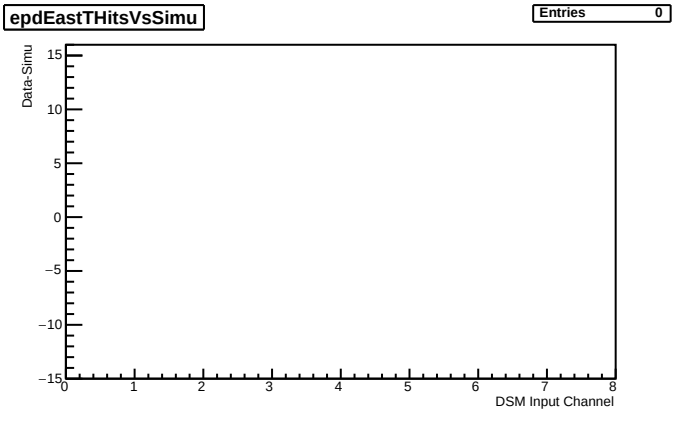

bbcSmallWestTacMax
Entries 472722

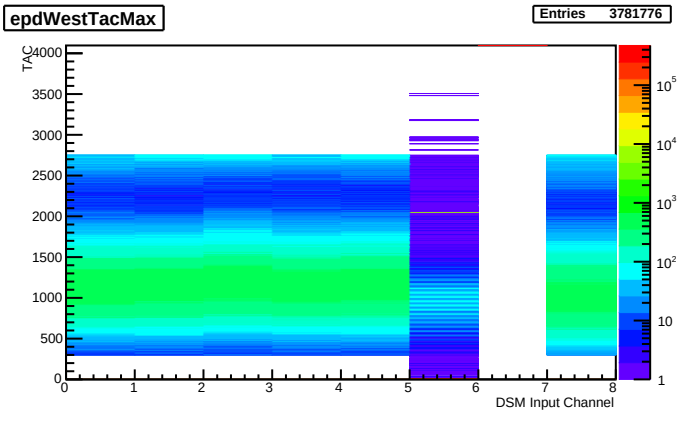

bbcSmallWestTacMaxVsSimu
Entries 406868
Data
Simu

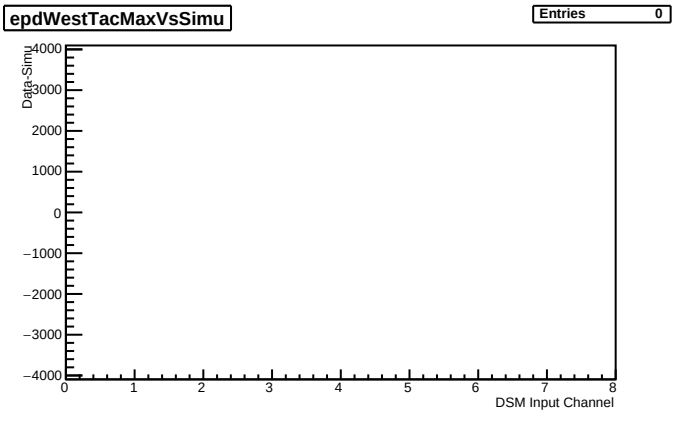

epdEastTacMax
Entries 3781776
TAC
DSM Input Channel

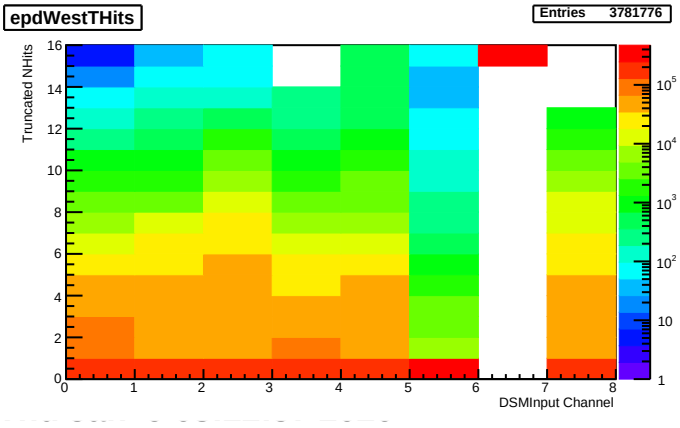

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

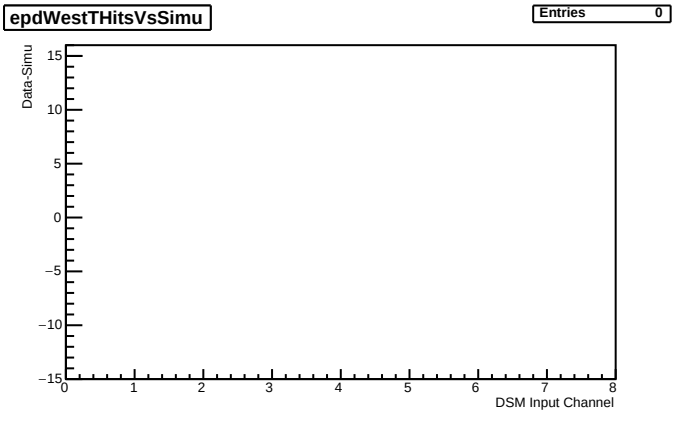

epdEastTHits
Entries 3781776
Truncated NHits
DSMInput Channel

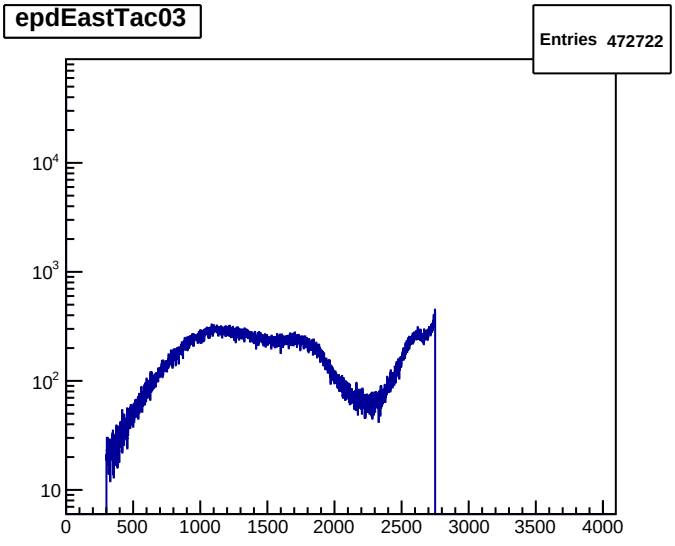

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

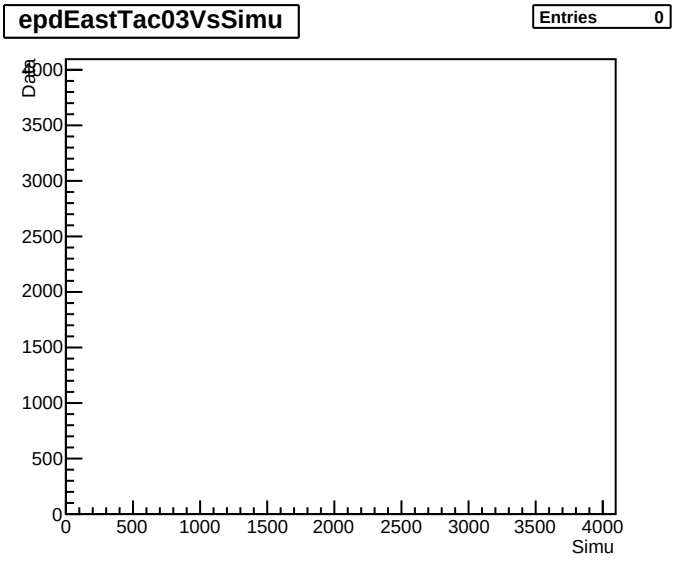

epdWestTacMax
Entries 3781776
TAC
DSM Input Channel

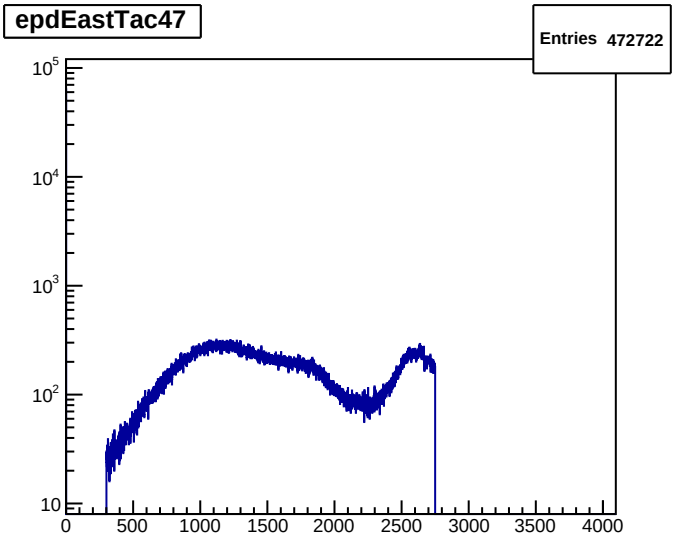

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

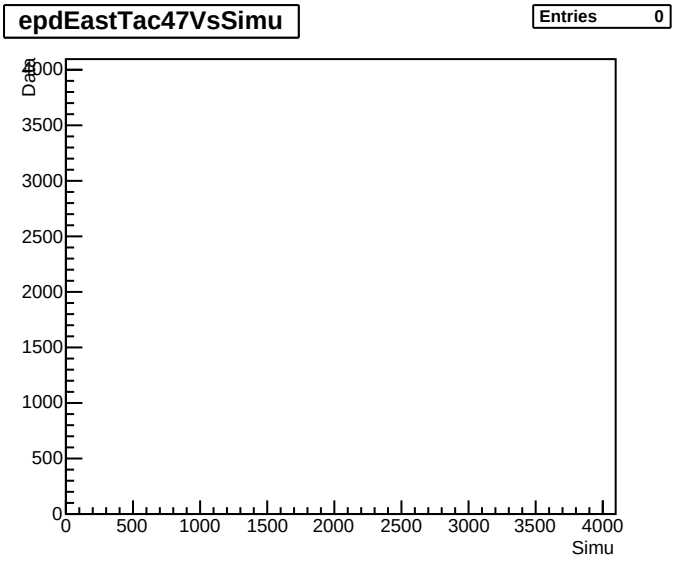

epdWestTHits
Entries 3781776
Truncated NHits
DSMInput Channel

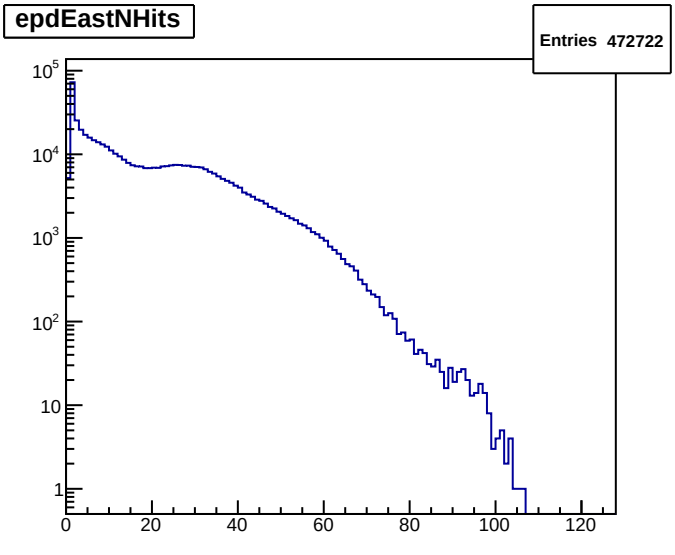

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

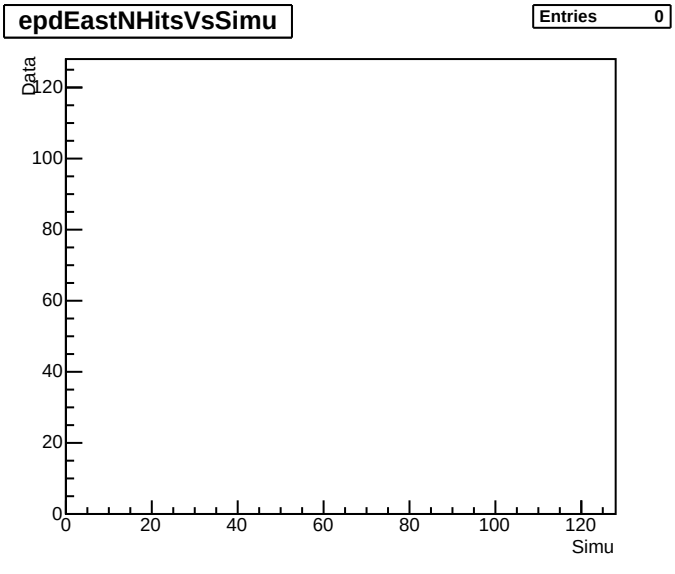

epdEastTac03
Entries 472722

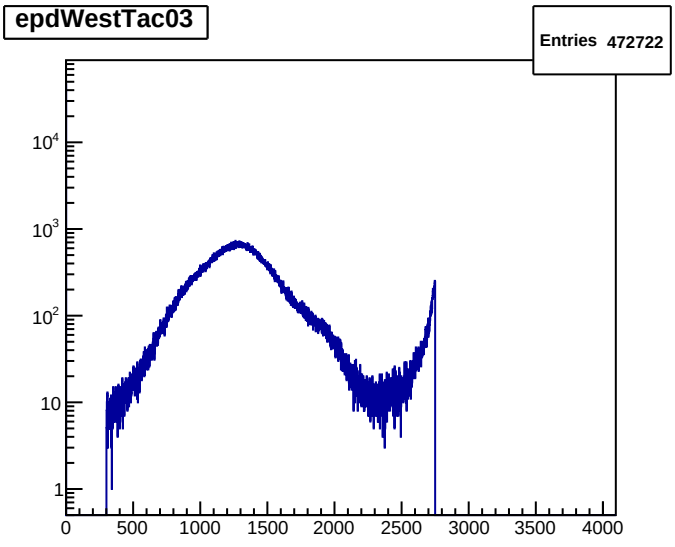

epdEastTac03VsSimu
Entries 0
Data
Simu

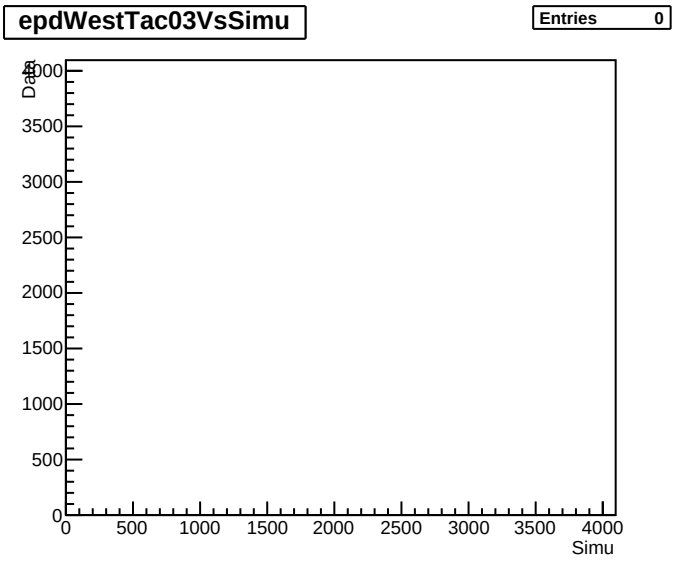

epdEastTac47
Entries 472722


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 472722


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 472722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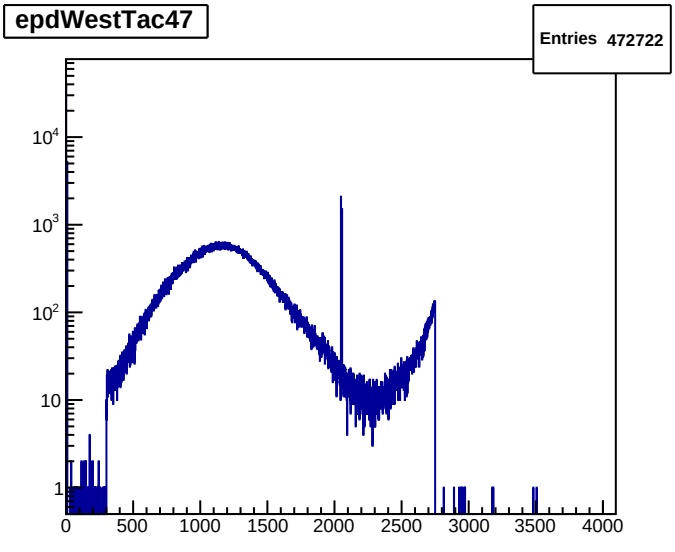
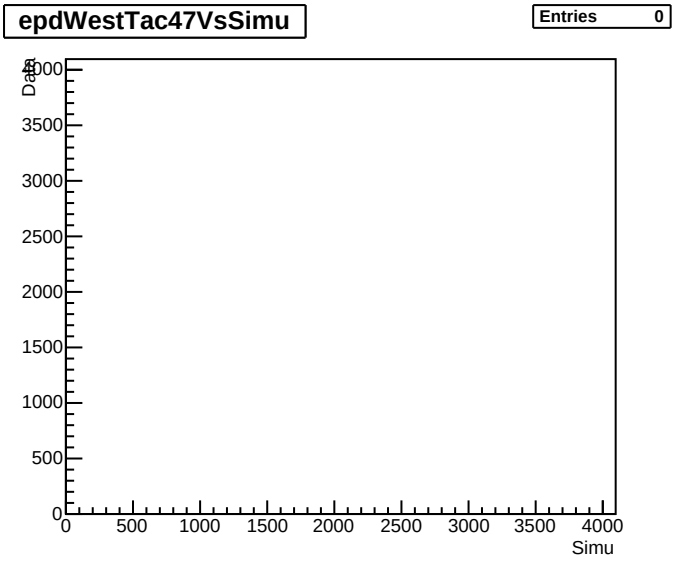
Entries 0
Data
Simu


epdWestTac47
Entries 472722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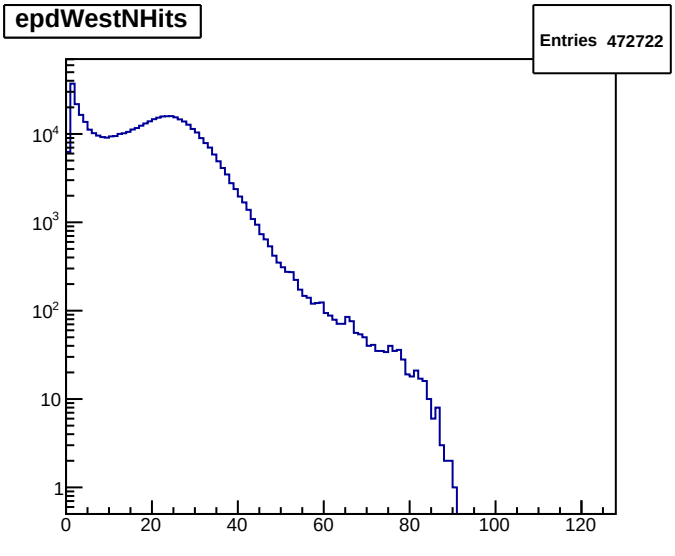
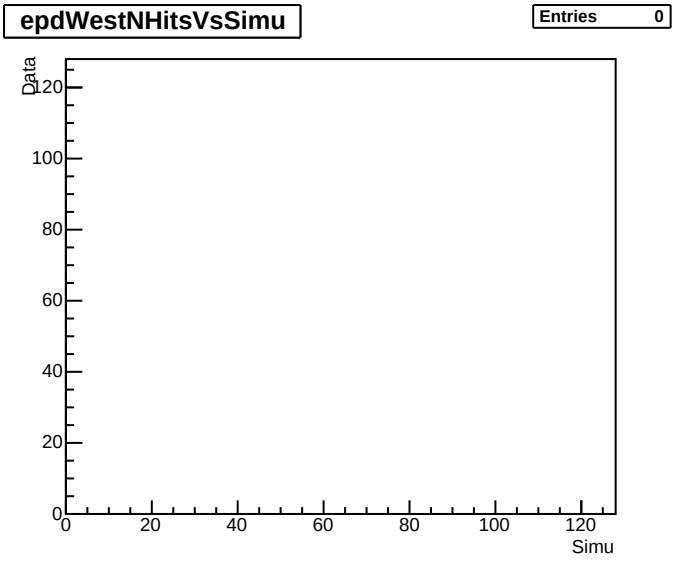
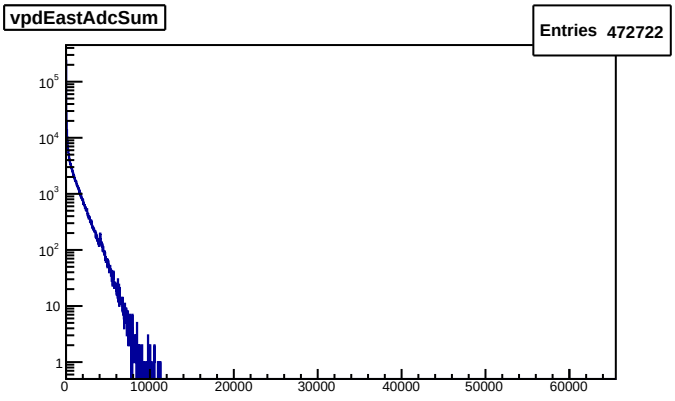
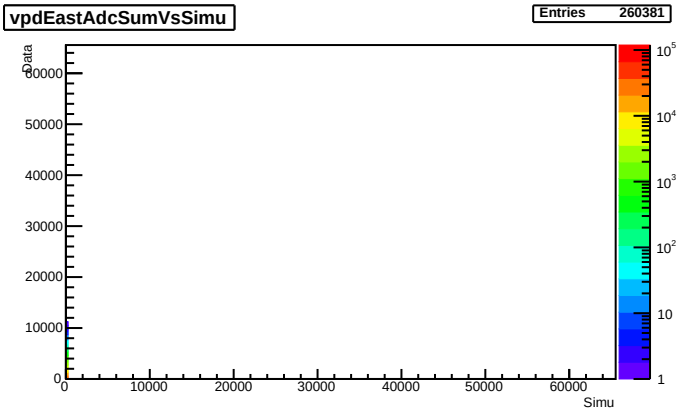
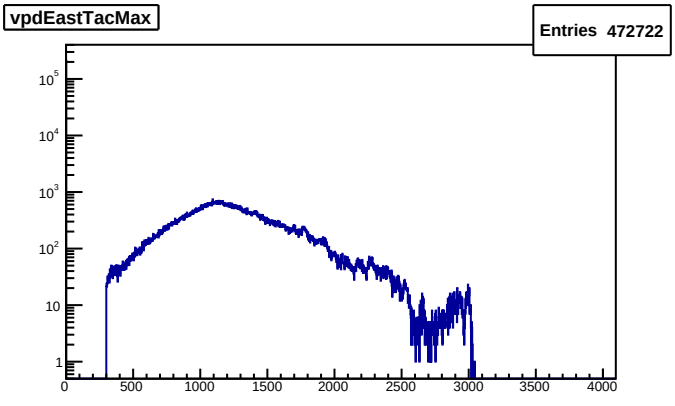
Entries 0
Data
Simu

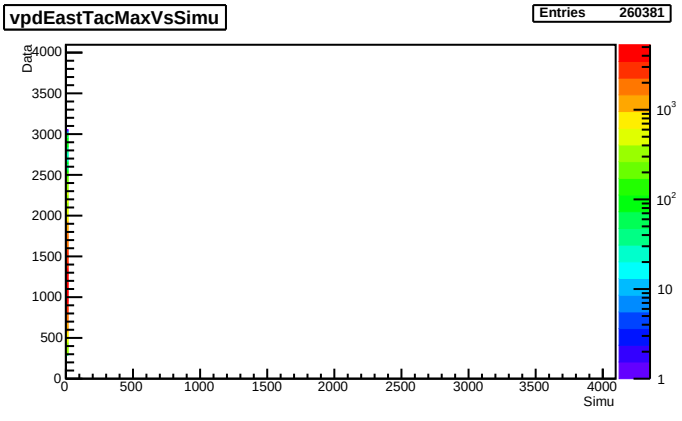

epdWestNHits
Entries 472722

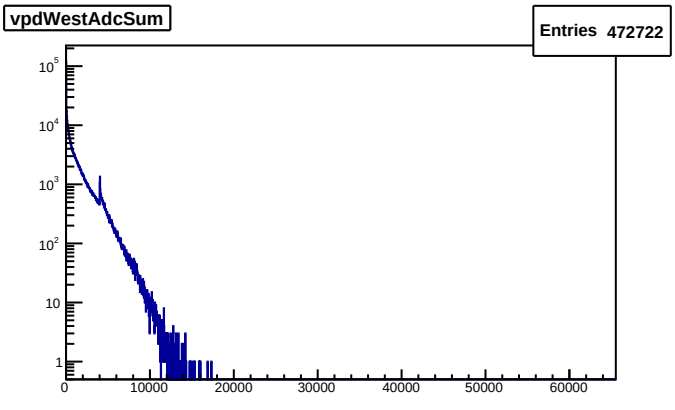

epdWestNHitsVsSimu
Entries 0
Data
Simu

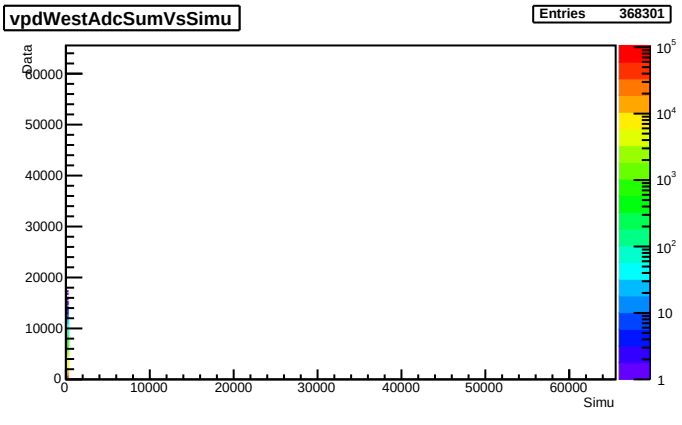

vpdEastAdcSum
Entries 472722

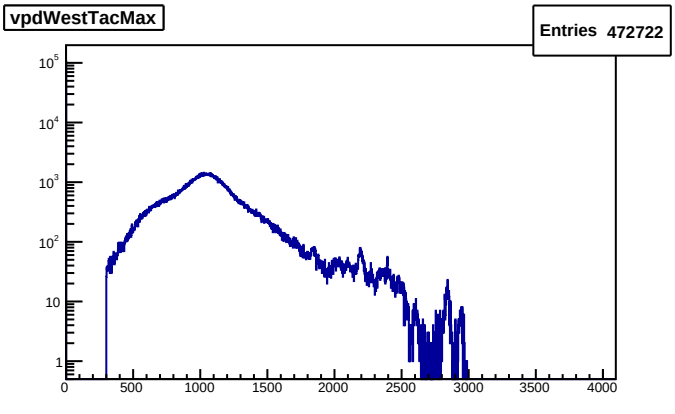

vpdEastAdcSumVsSimu
Entries 260381
Data
Simu

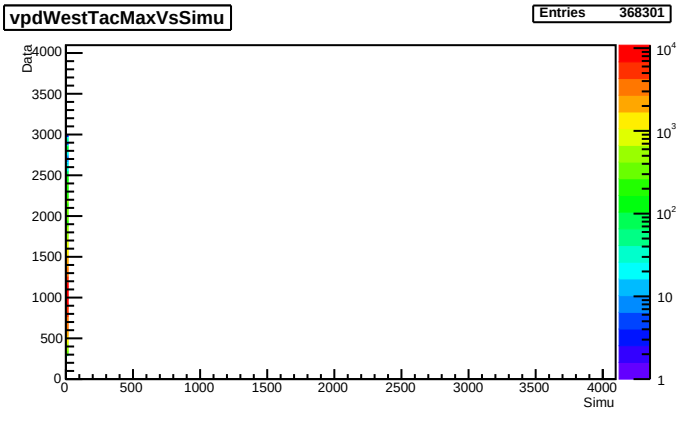

vpdEastTacMax
Entries 472722

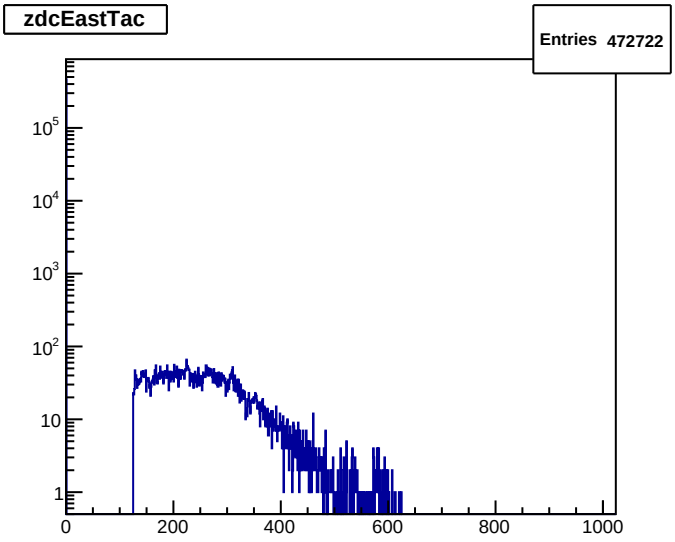

vpdEastTacMaxVsSimu
Entries 260381
Data
Simu

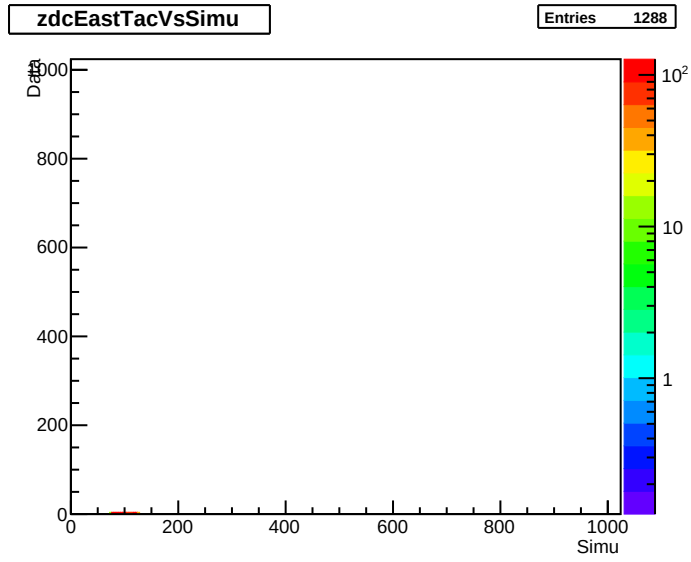

vpdWestAdcSum
Entries 472722

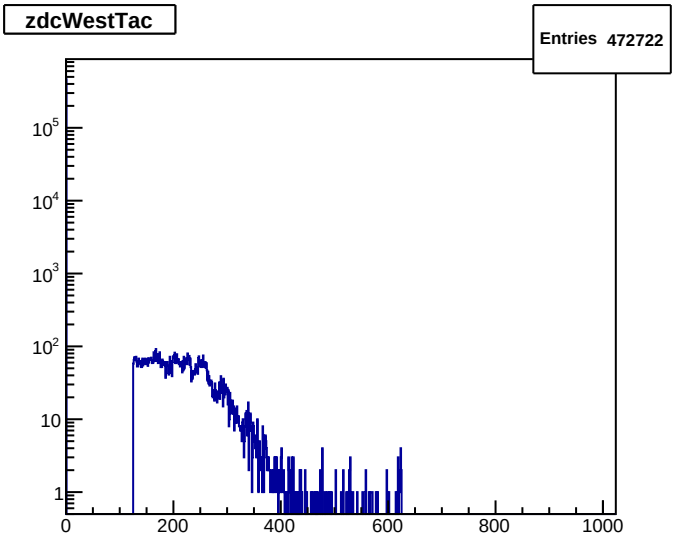

vpdWestAdcSumVsSimu
Entries 368301
Data
Simu

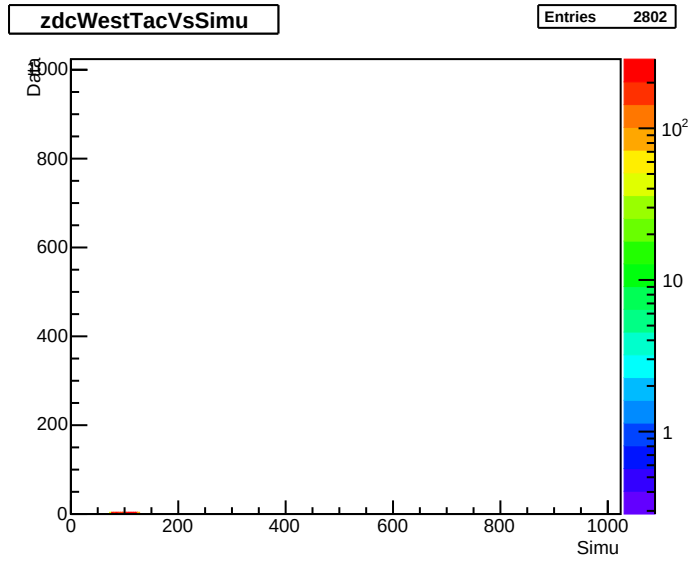

vpdWestTacMax
Entries 472722

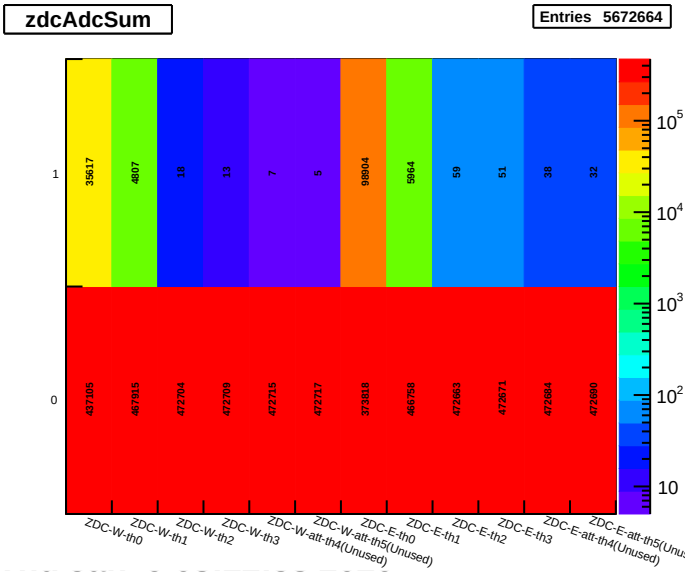

vpdWestTacMaxVsSimu
Entries 368301
Data
Simu

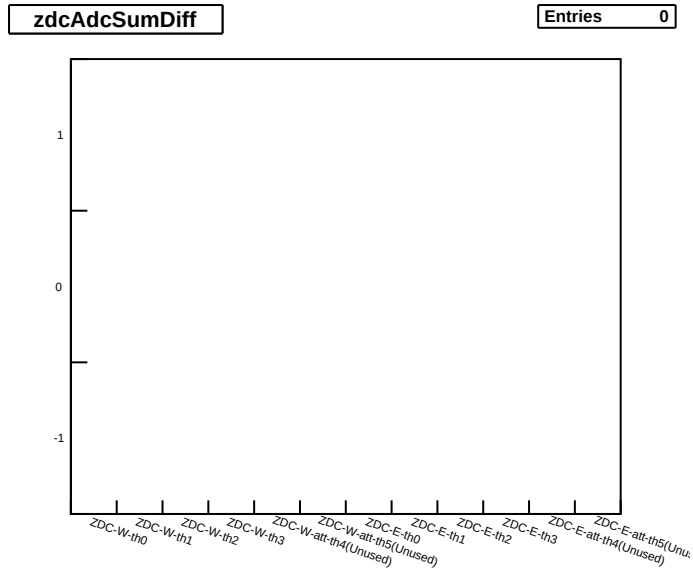

zdcEastTac
Entries 472722

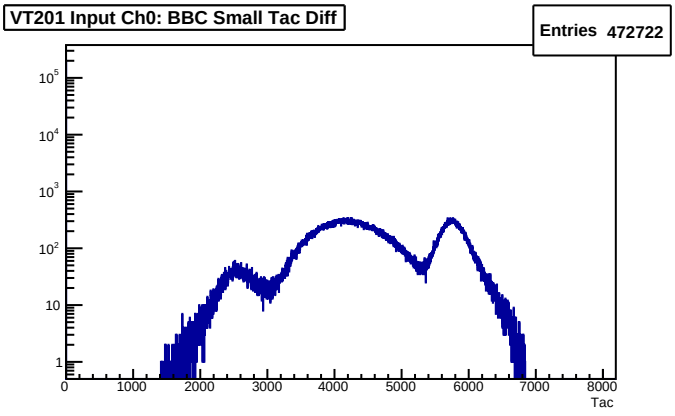

zdcEastTacVsSimu
Entries 1288
Data
Simu

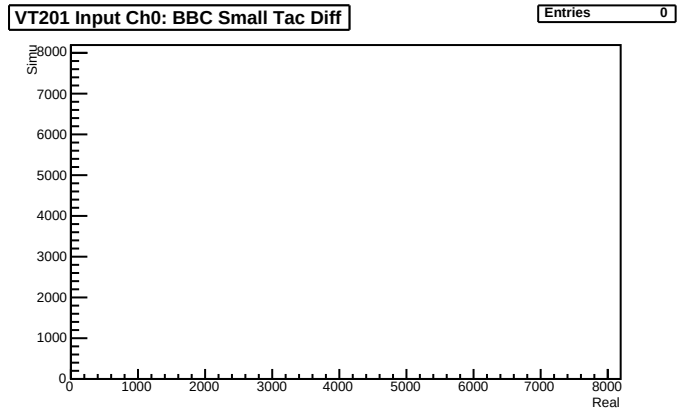

zdcWestTac
Entries 472722

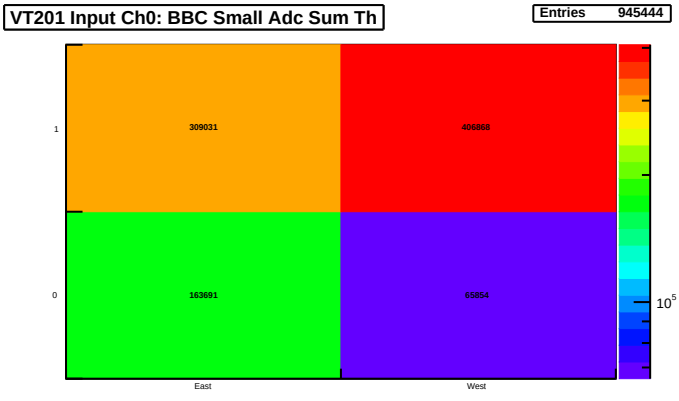

zdcWestTacVsSimu
Entries 2802
Data
Simu

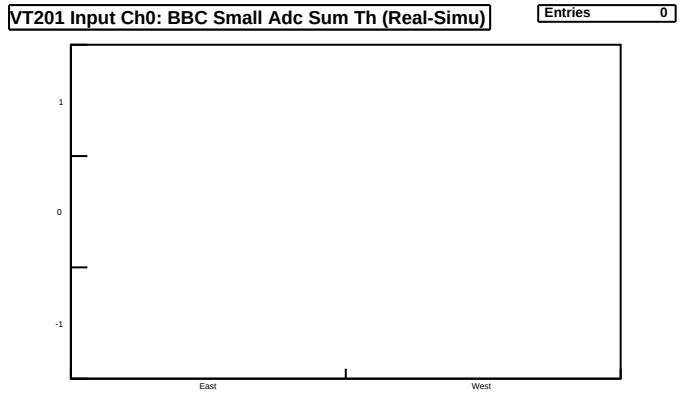

zdcAdcSum
Entries 5672664
35617
4807
18
13
7
5
98904
5964
59
51
38
32
437105
467815
472704
472709
472715
472717
373818
466758
472663
472671
472684
472680
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

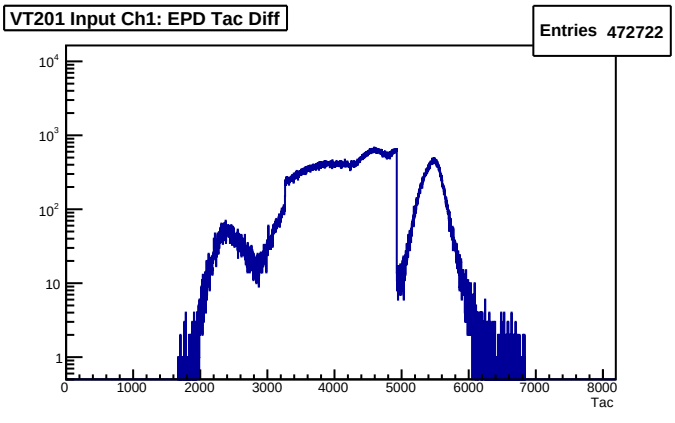

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

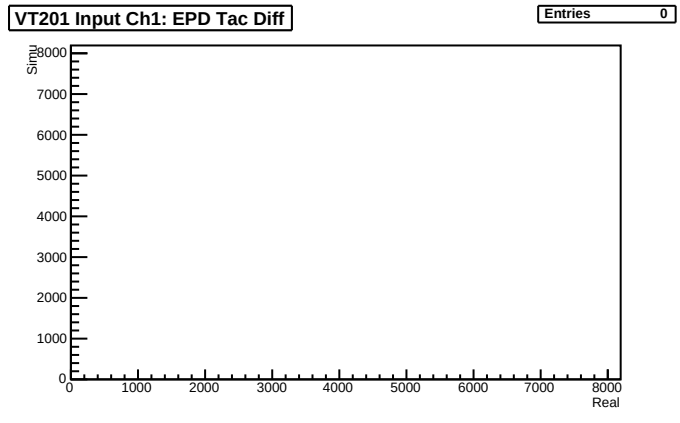

VT201 Input Ch0: BBC Small Tac Diff
Entries 472722
Tac

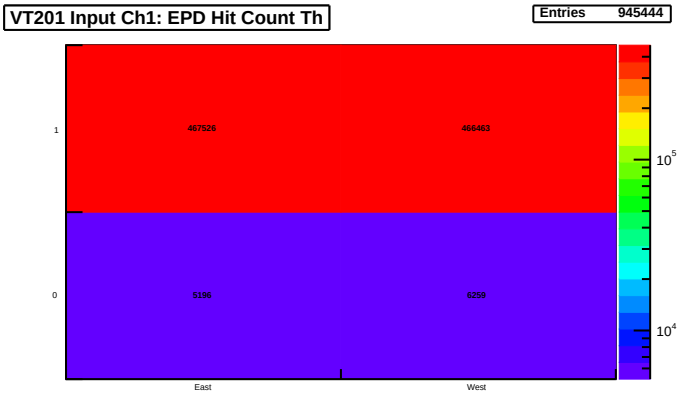

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

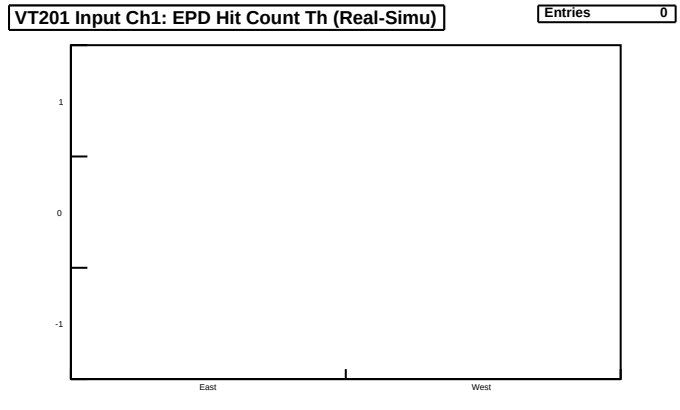

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 945444
309031
406868
163691
65854
East
West

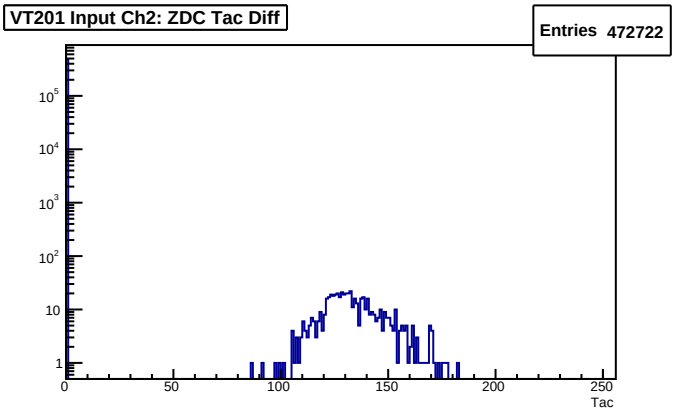

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

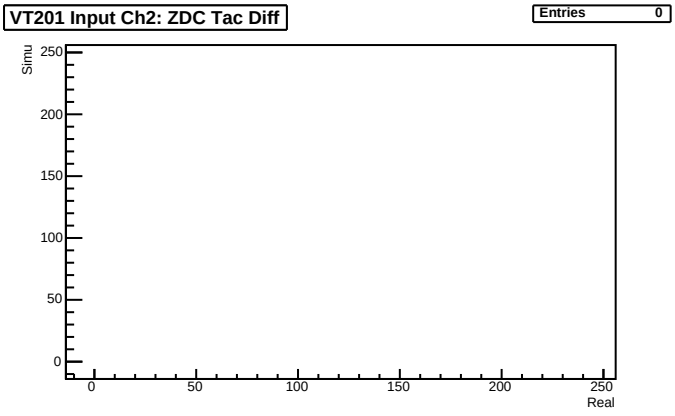

VT201 Input Ch1: EPD Tac Diff
Entries 472722
Tac

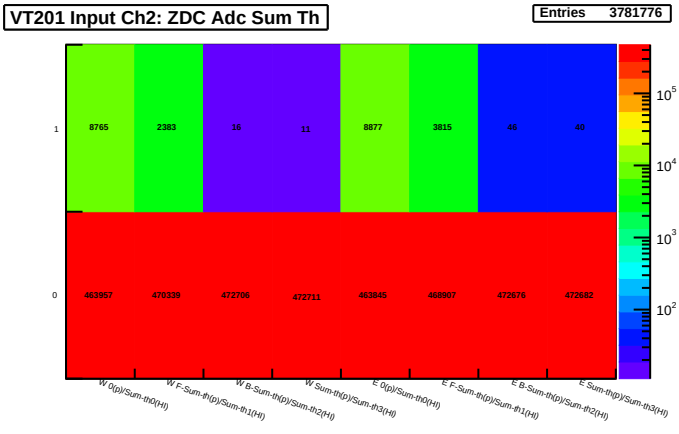

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

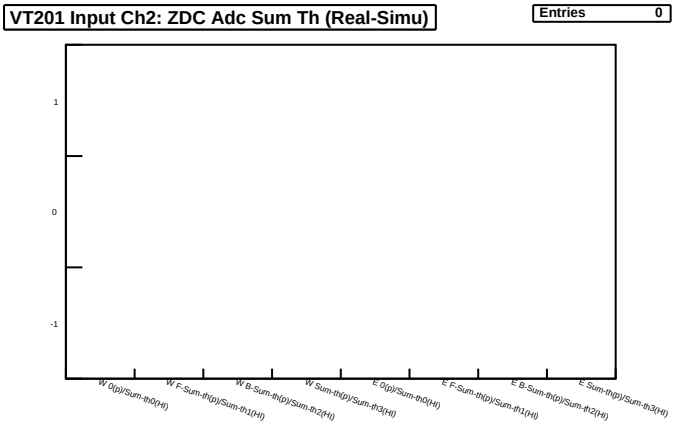

VT201 Input Ch1: EPD Hit Count Th
Entries 945444
467526
466463
5196
6259
East
West

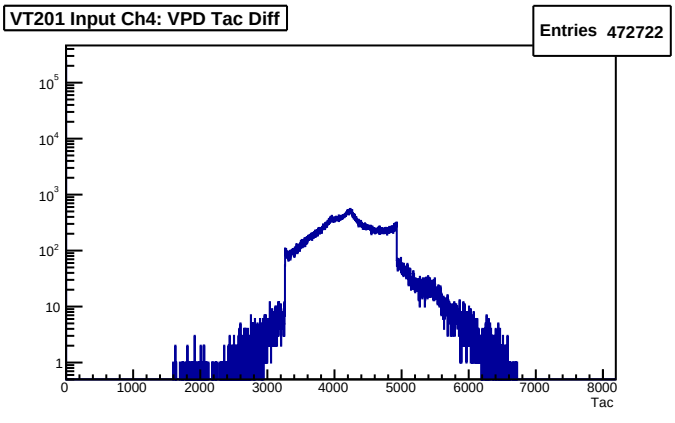

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

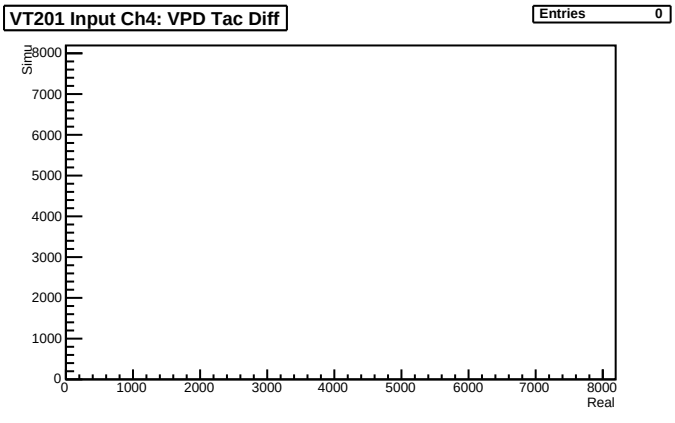

VT201 Input Ch2: ZDC Tac Diff
Entries 472722
Tac

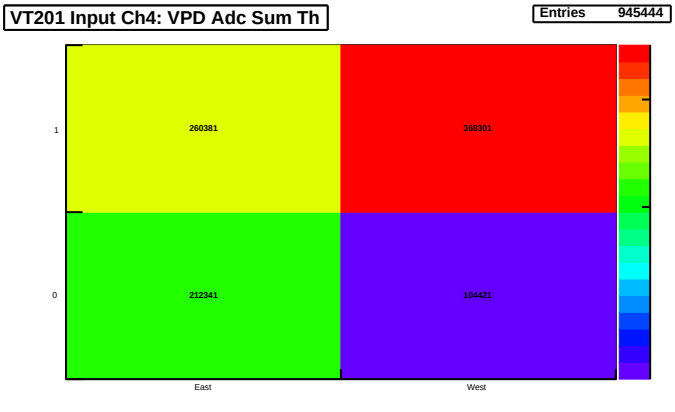

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

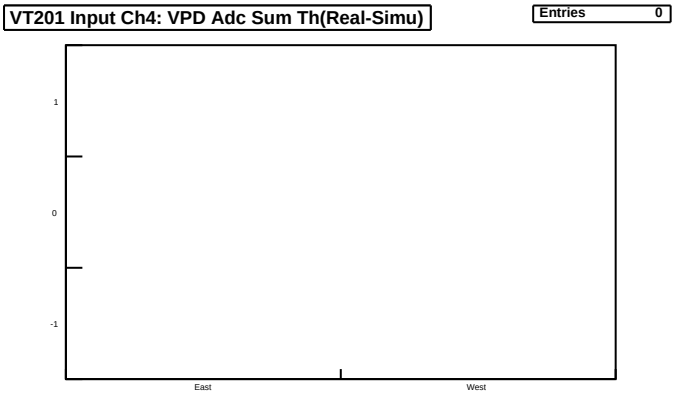

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3781776
8765
2383
16
11
8877
3815
46
40
463957
470339
472706
472711
463845
468907
472676
472682
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

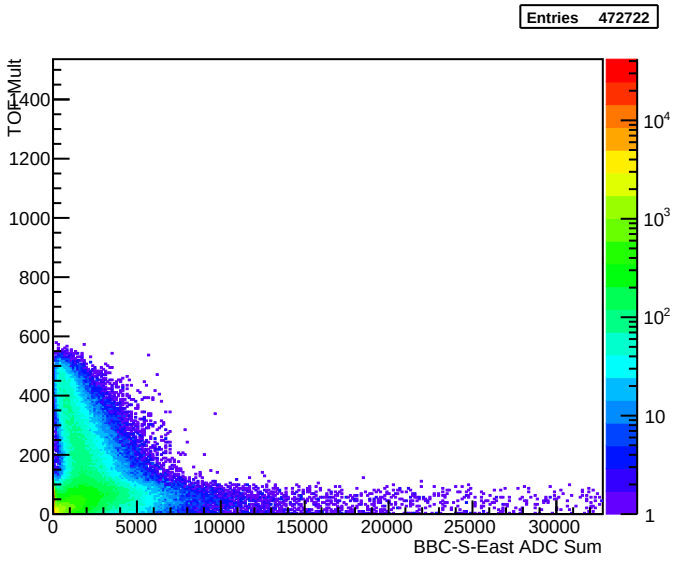

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

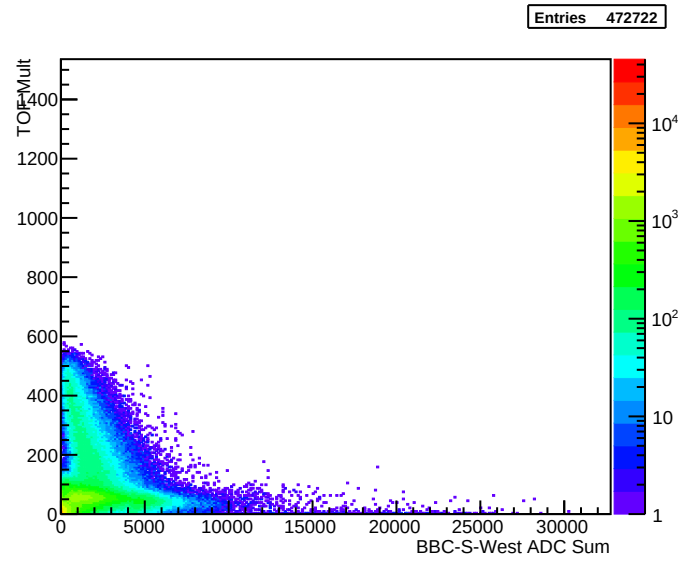

VT201 Input Ch4: VPD Tac Diff
Entries 472722
Tac

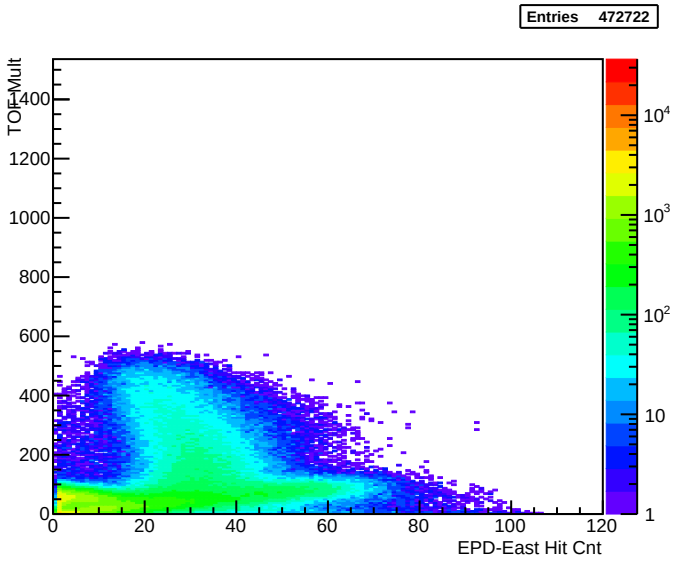

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

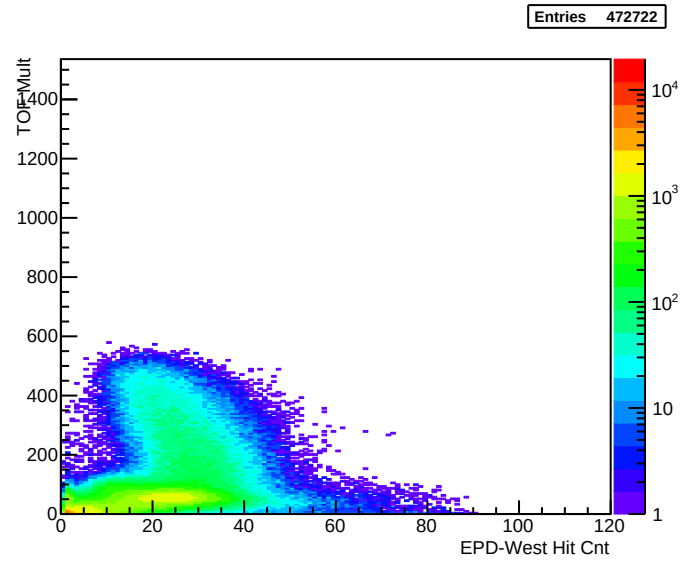

VT201 Input Ch4: VPD Adc Sum Th
Entries 945444
260381
368301
212341
104421
East
West

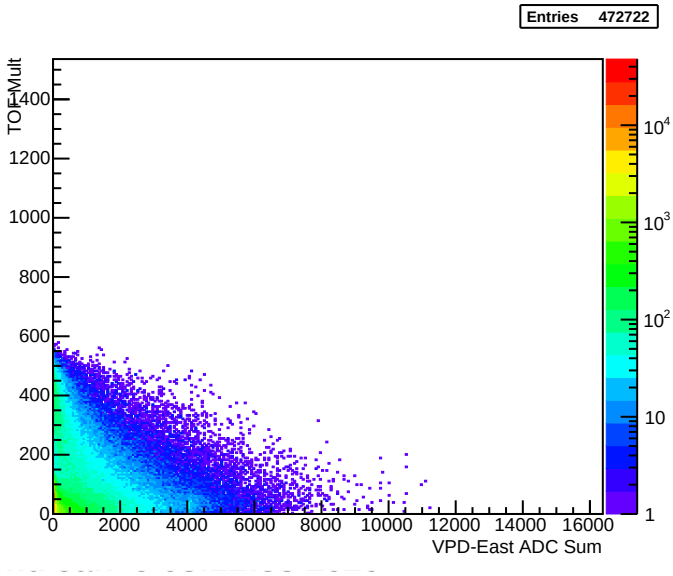

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

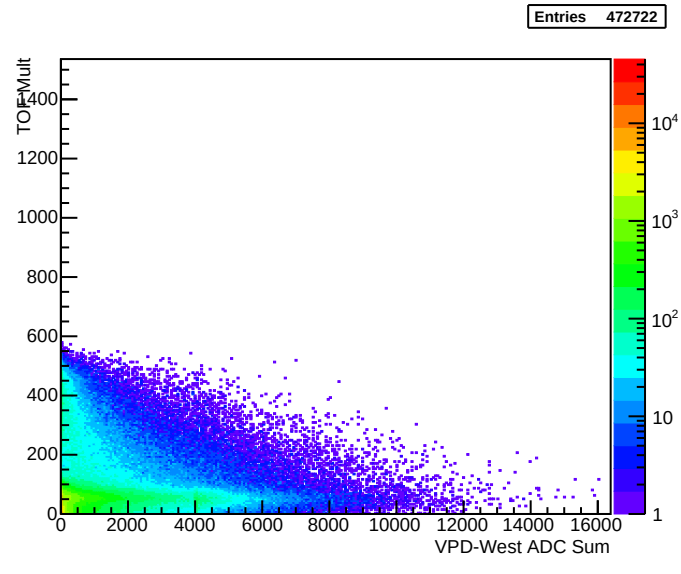

Entries 472722
TOF-Mult
BBC-S-East ADC Sum

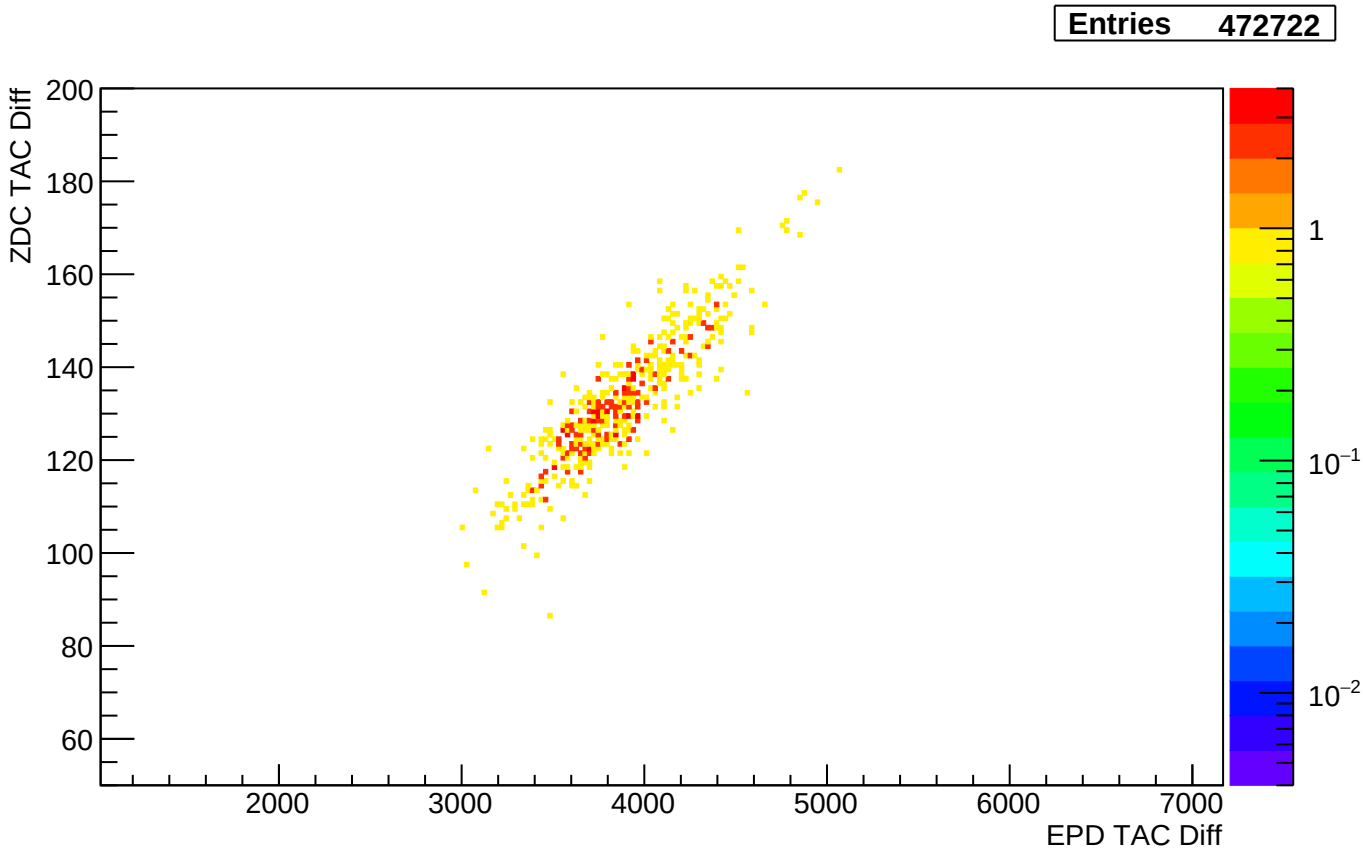

Entries 472722
TOF-Mult
BBC-S-West ADC Sum

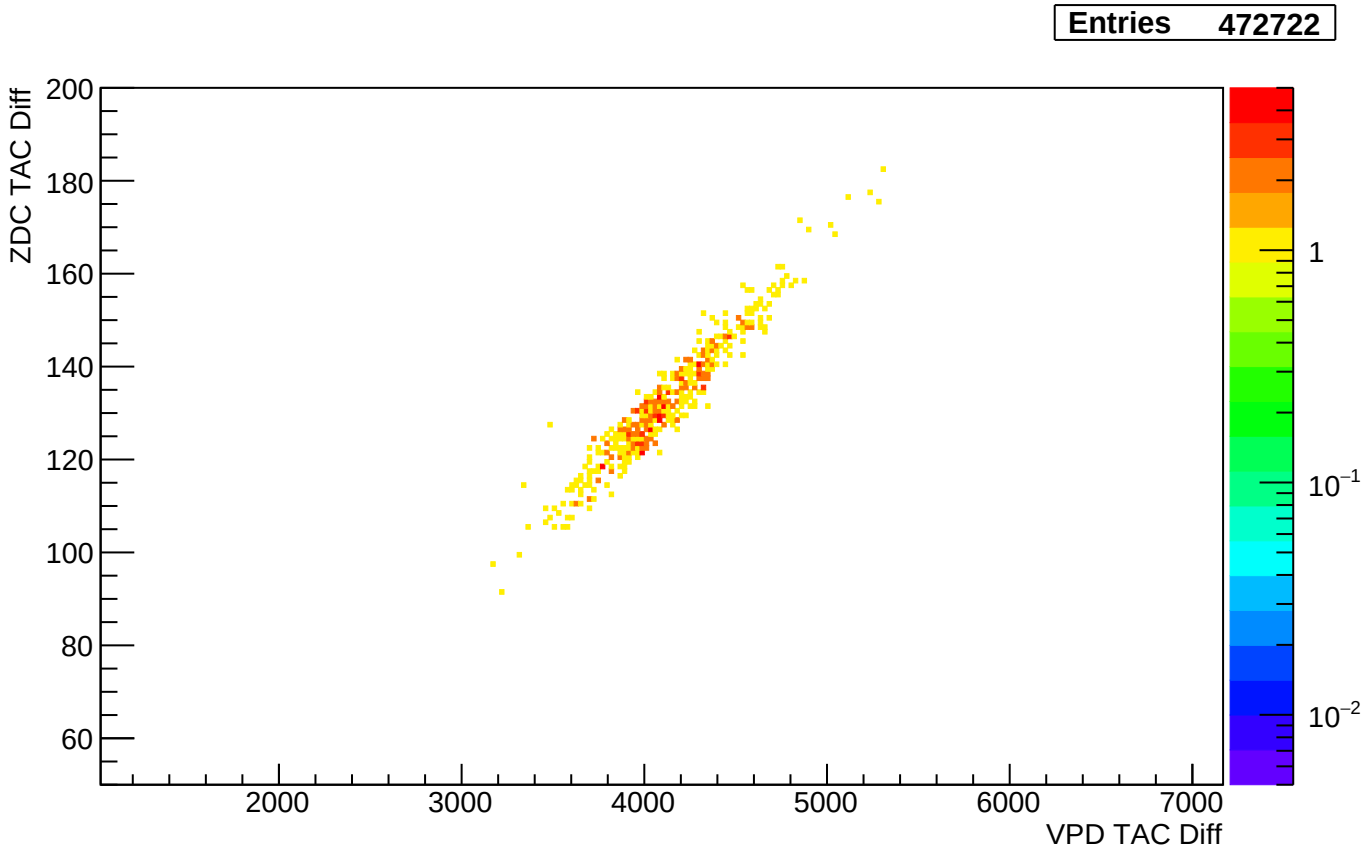

Entries 472722
TOF-Mult
EPD-East Hit Cnt

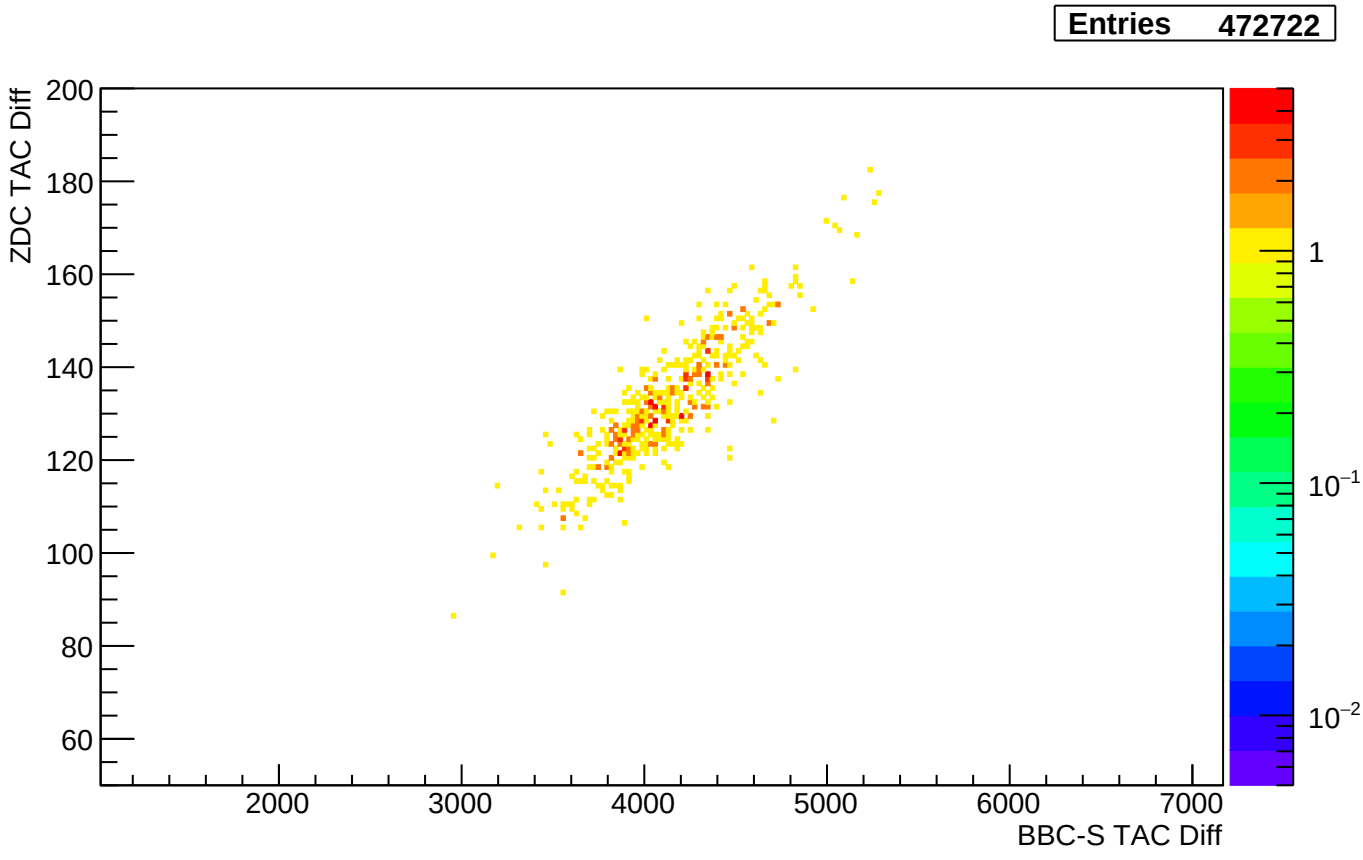

Entries 472722
TOF-Mult
EPD-West Hit Cnt

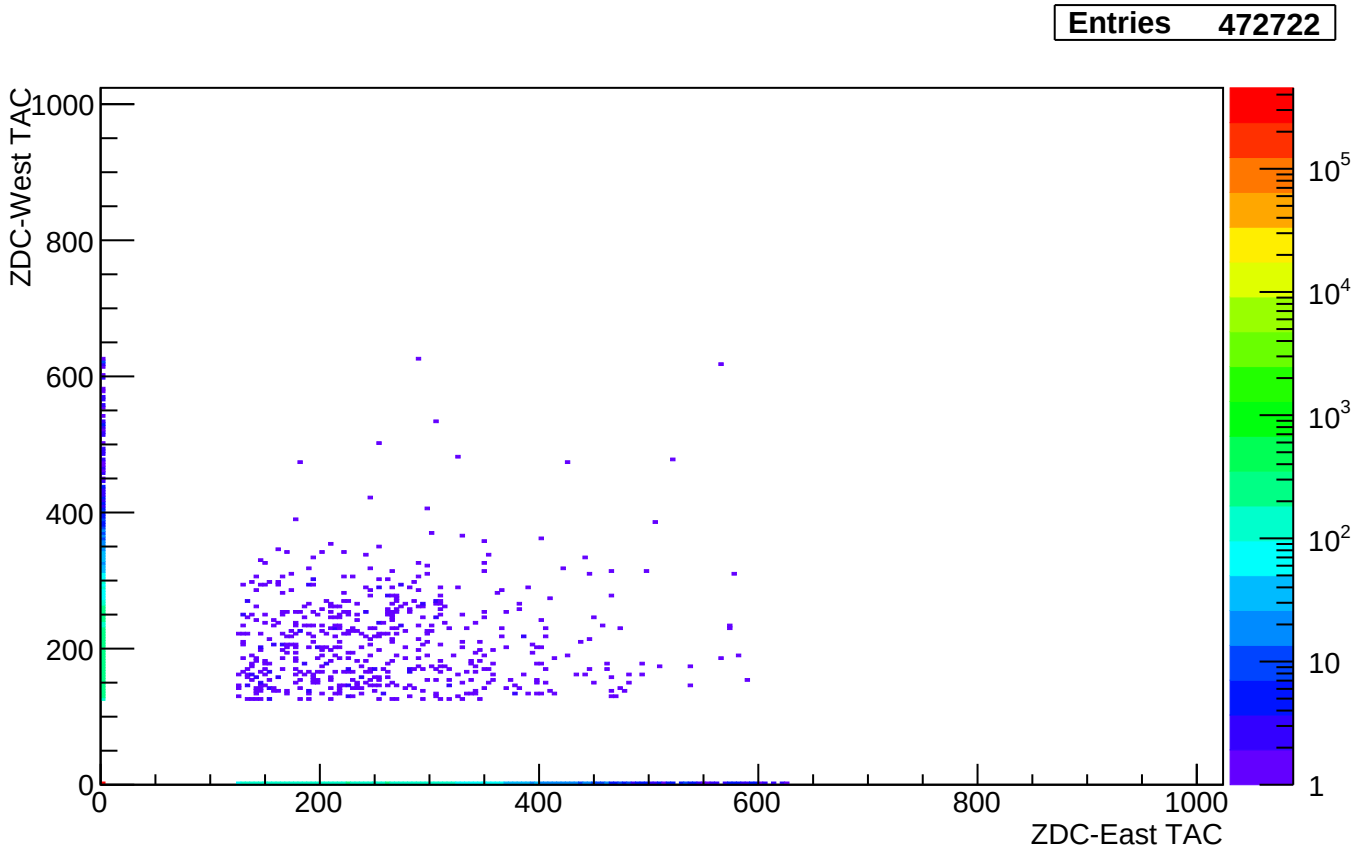

Entries 472722
TOF-Mult
VPD-East ADC Sum

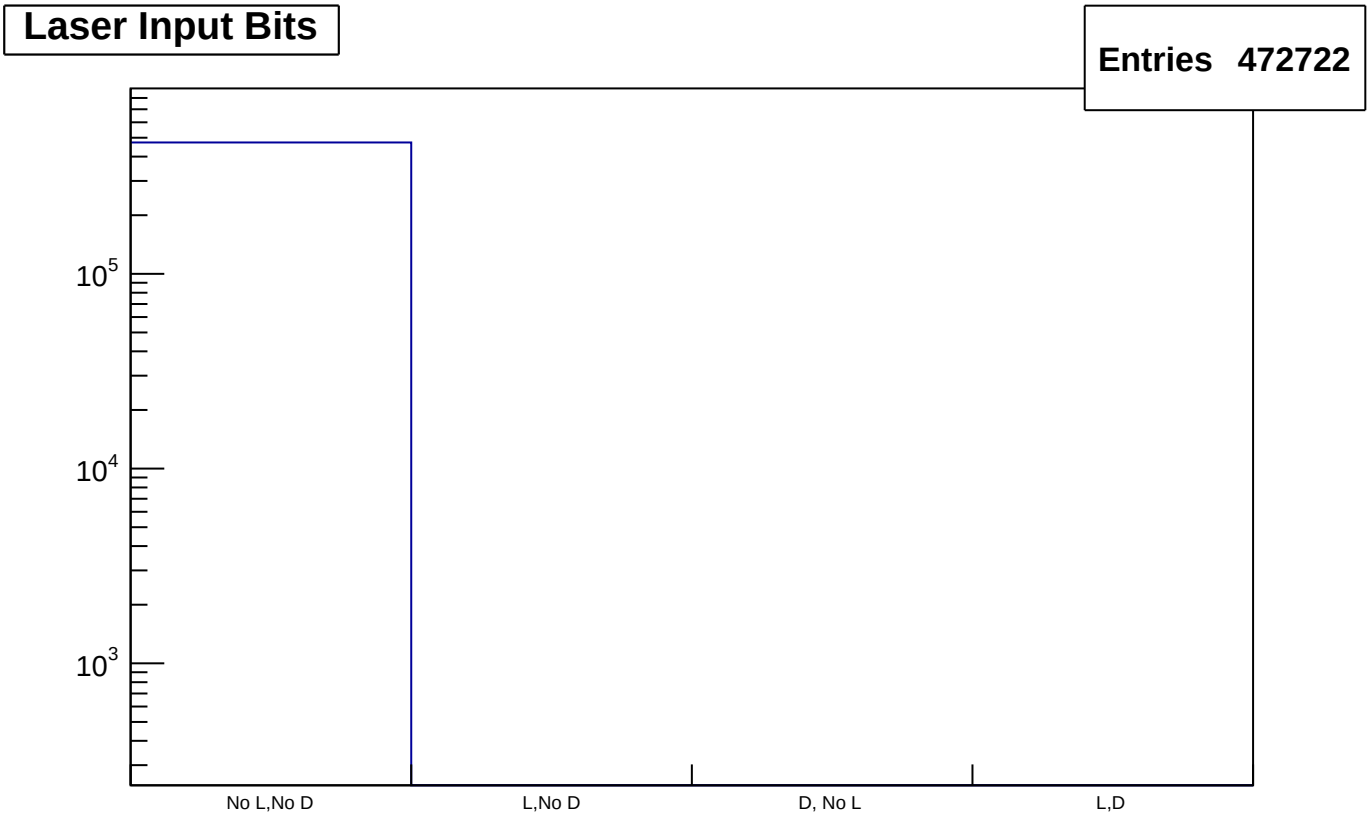

Entries 472722
TOF-Mult
VPD-West ADC Sum

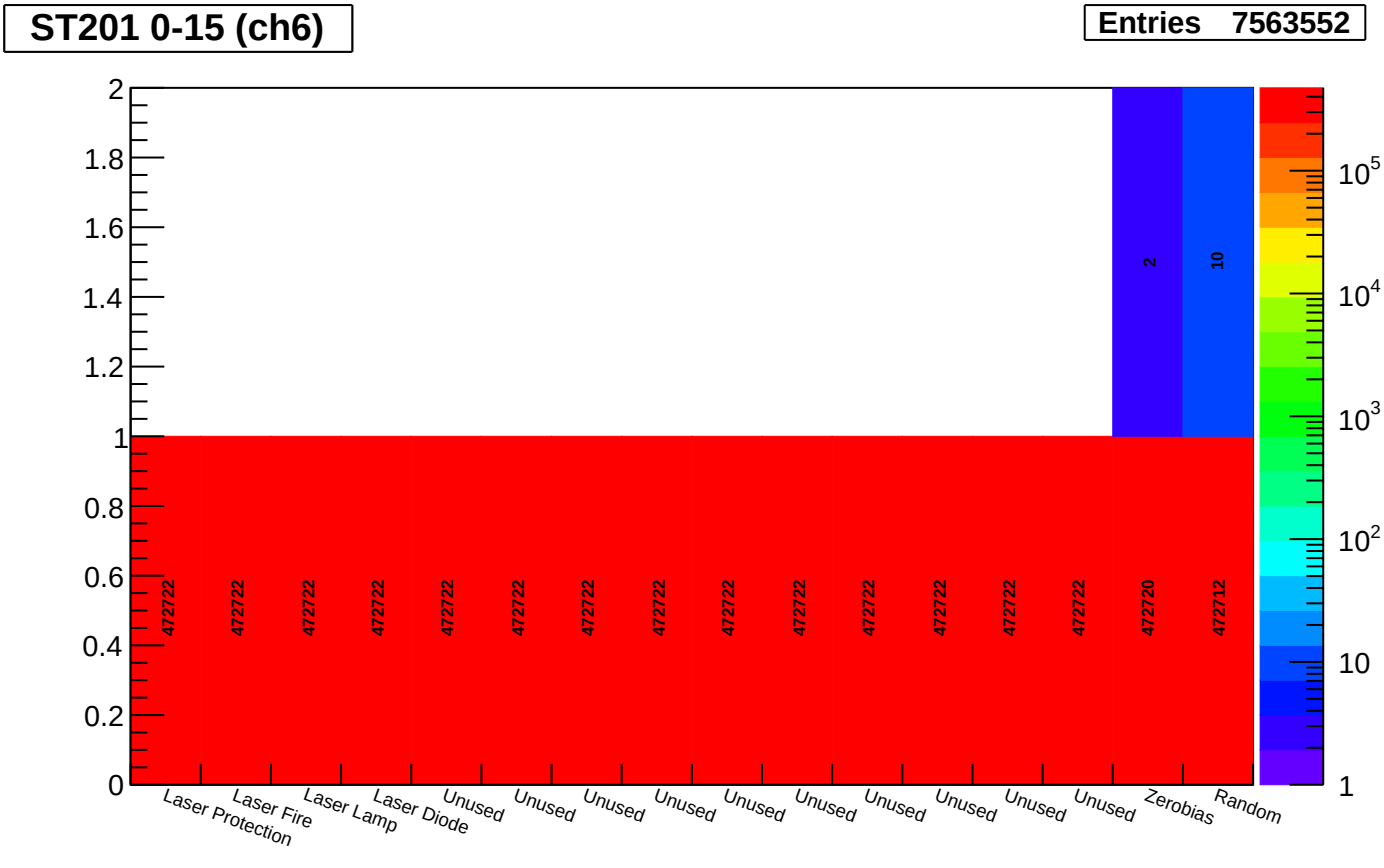

Entries 472722
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

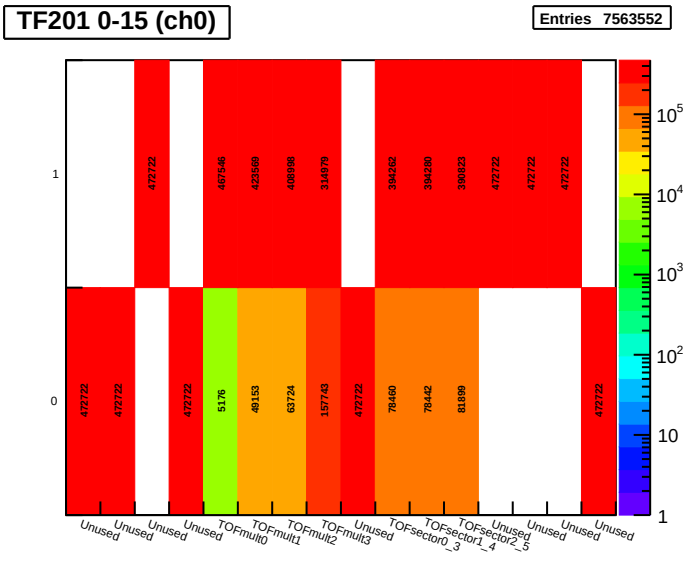

Entries 472722
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

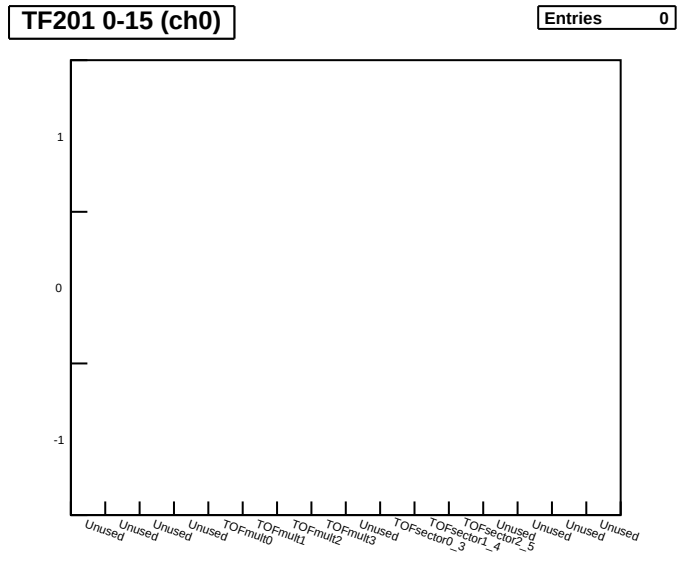

Entries 472722
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

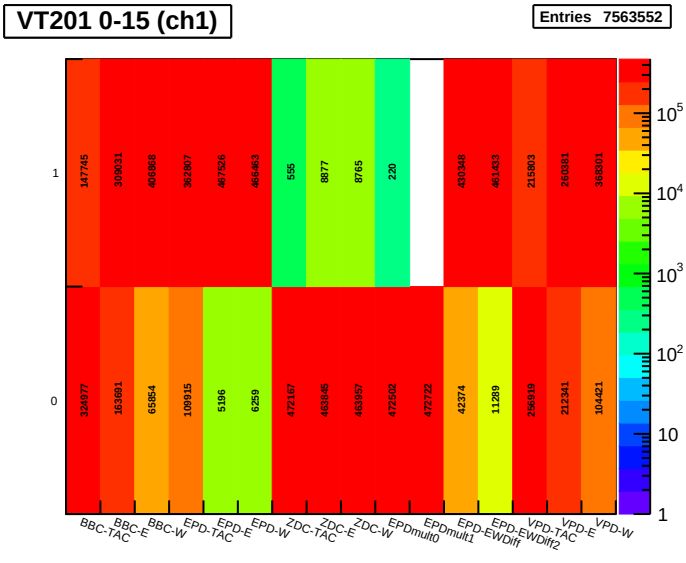

Entries 472722
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

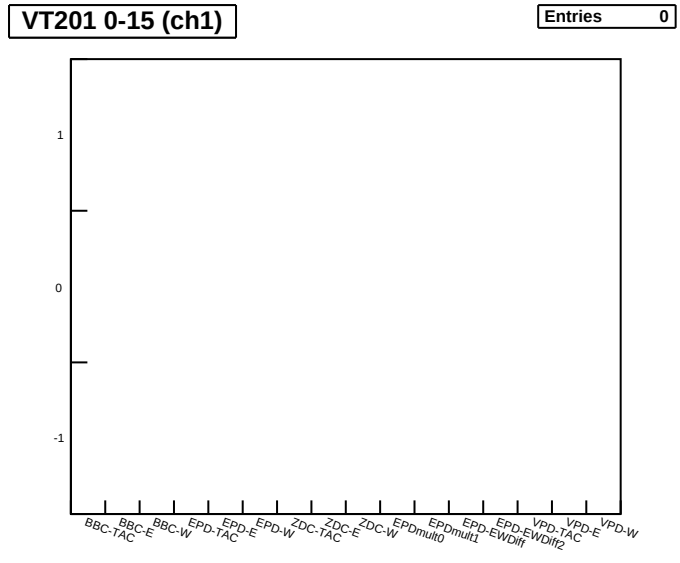

Laser Input Bits
Entries 472722
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

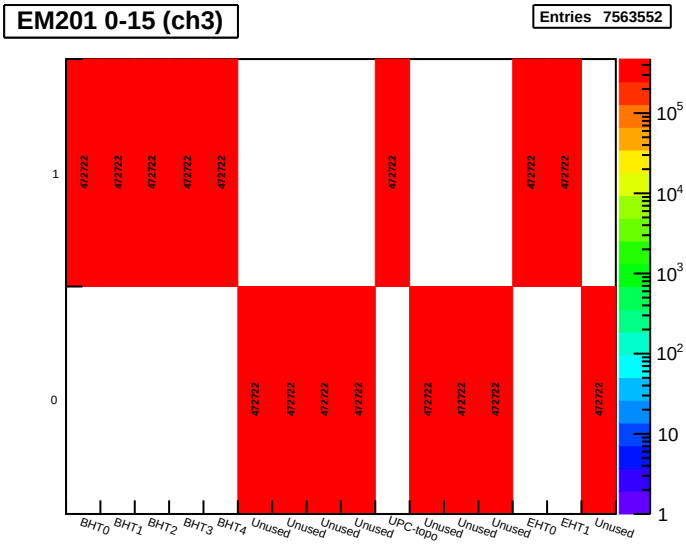

ST201 0-15 (ch6)
Entries 7563552
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
472722
472722
472722
472722
472722
472722
472722
472722
472722
472722
472722
472722
472722
472722
472720
472712
2
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

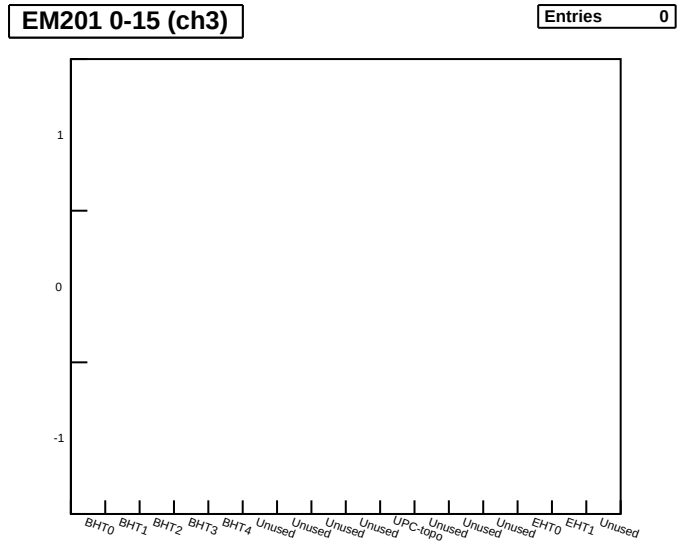

TF201 0-15 (ch0)
Entries 7563552
1
0
472722
467546
423569
406998
314979
394262
394280
390823
472722
472722
472722
472722
472722
472722
5176
49153
63724
157743
472722
78460
78442
81899
472722
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7563552
1
0
147745
309931
406868
362807
467526
466463
555
8877
8765
220
430348
461433
215803
260381
368301
324977
163691
65054
109915
5196
6259
472167
463845
463957
472502
472722
42374
11289
256919
212341
104421
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 7563552
1
0
472722
472722
472722
472722
472722
472722
472722
472722
472722
472722
472722
472722
472722
472722
472722
472722
472722
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