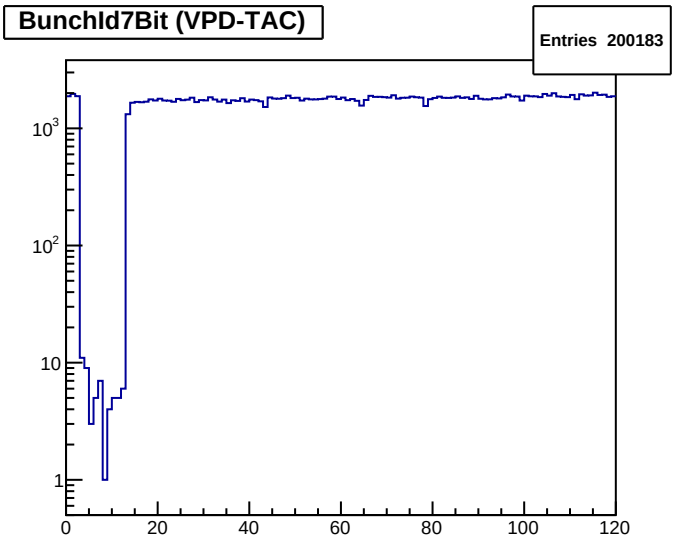
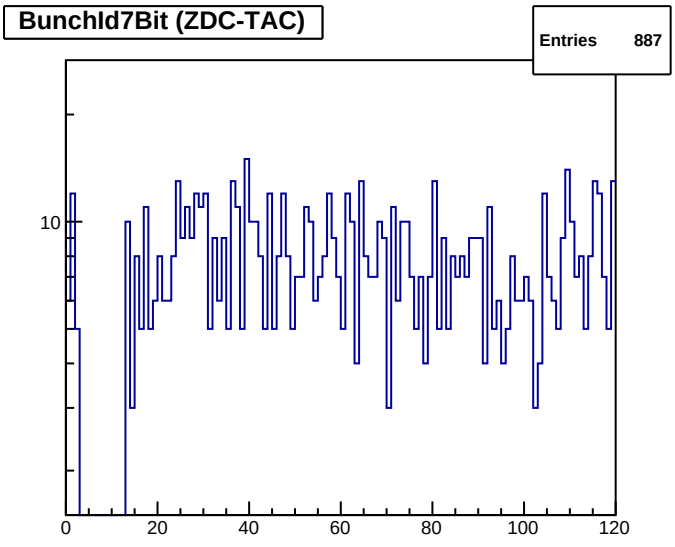
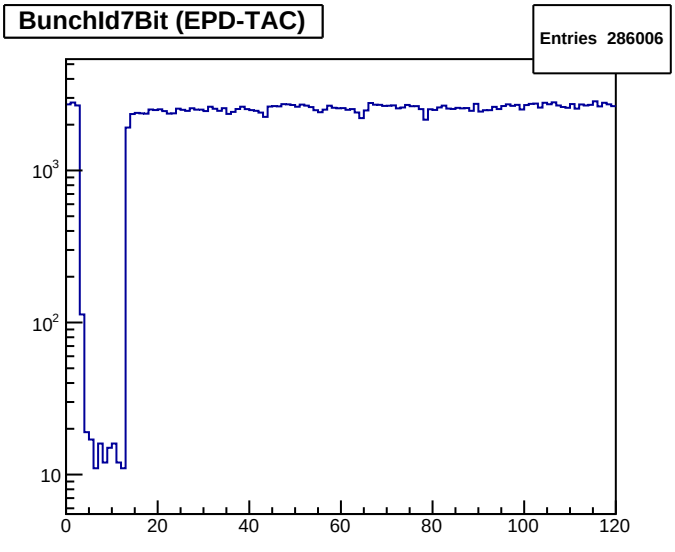
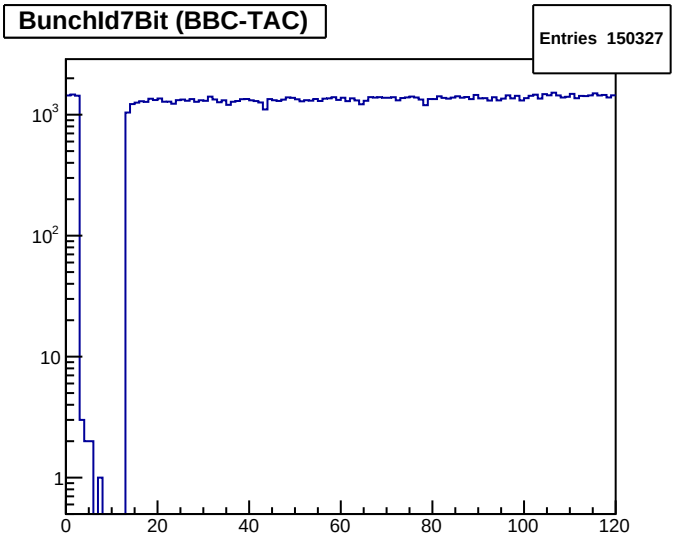
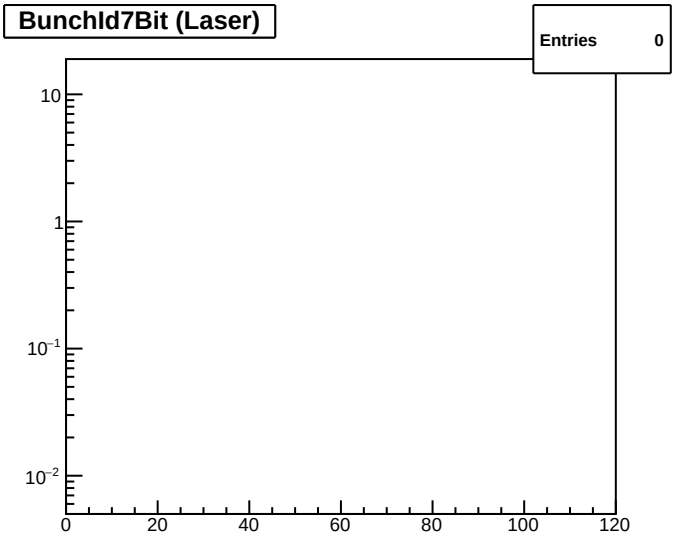
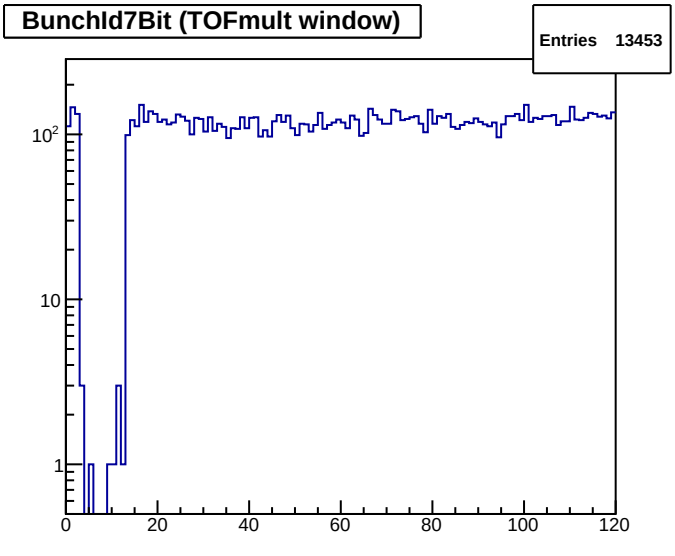

BunchId7Bit (VPD-TAC)
Entries 200183

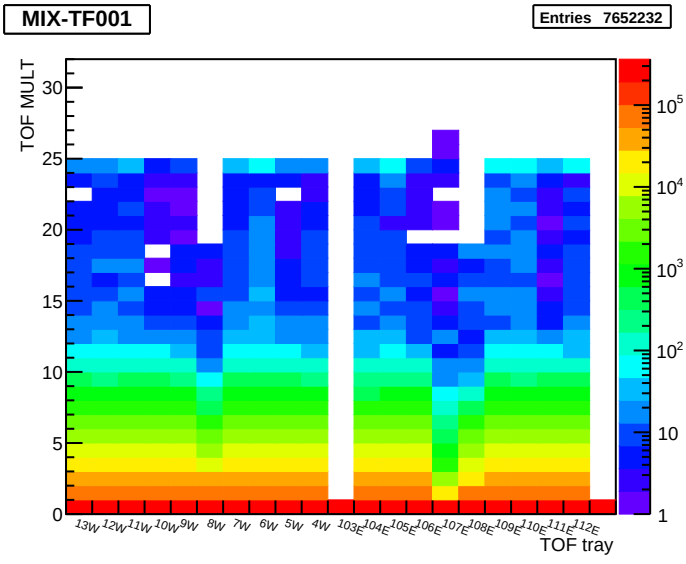

BunchId7Bit (ZDC-TAC)
Entries 887

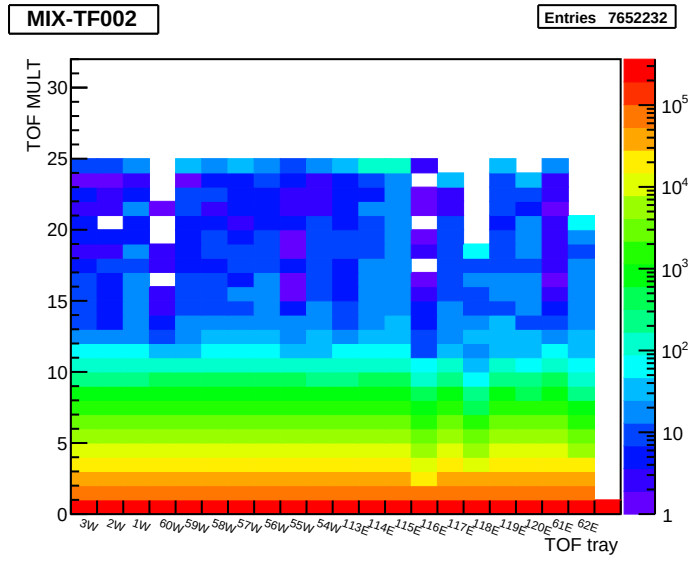

BunchId7Bit (EPD-TAC)
Entries 286006

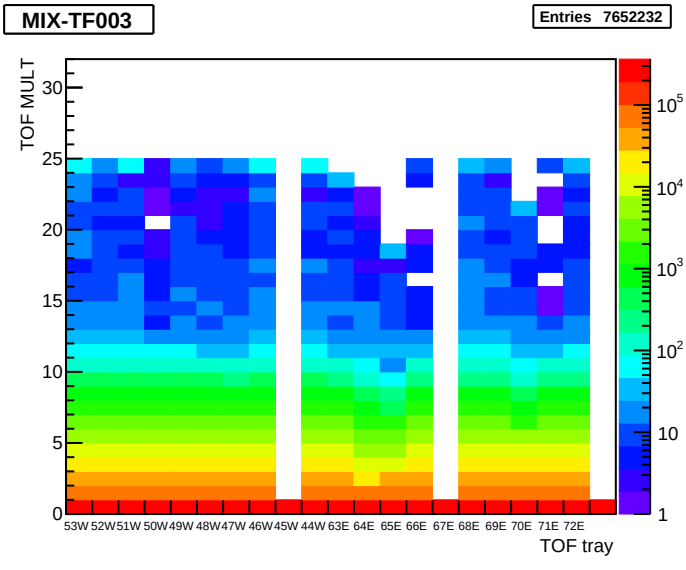

BunchId7Bit (BBC-TAC)
Entries 150327

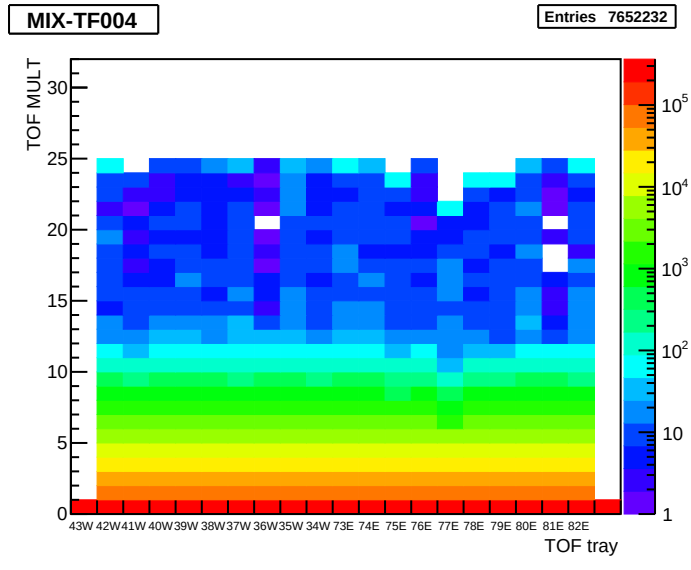

BunchId7Bit (Laser)
Entries 0

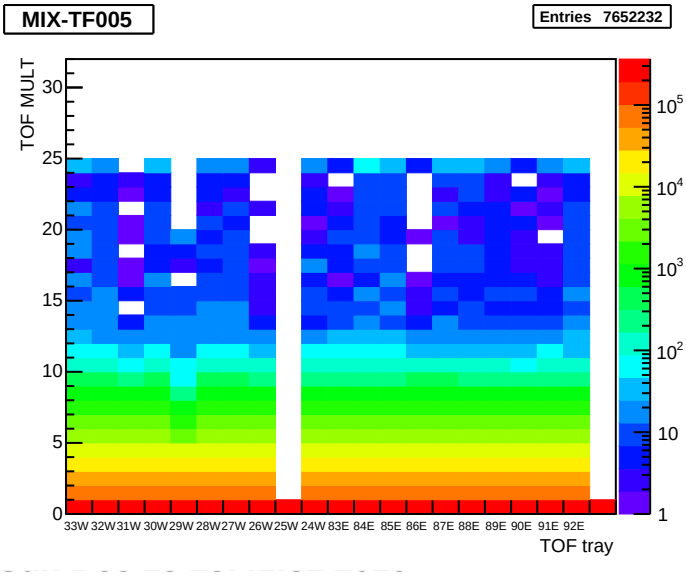

BunchId7Bit (TOFmult window)
Entries 13453

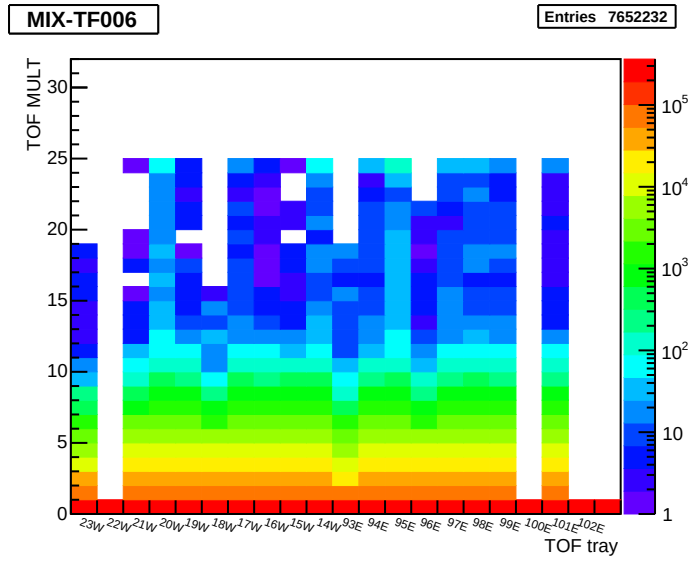

MIX-TF001
Entries 7652232
TOF MULT
TOF tray

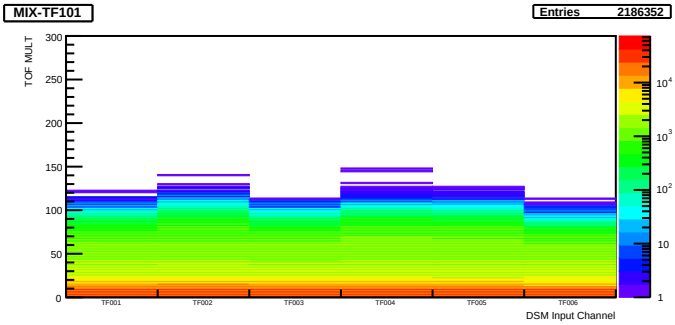

MIX-TF002
Entries 7652232
TOF MULT
TOF tray

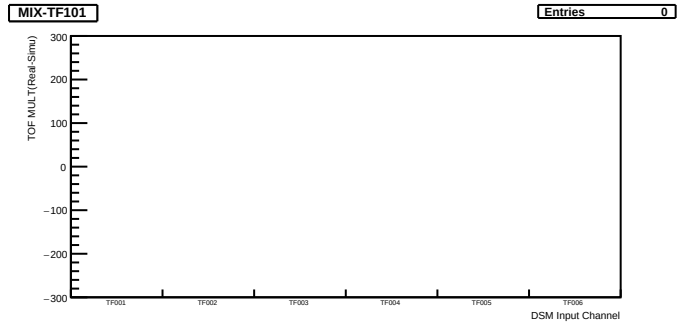

MIX-TF003
Entries 7652232
TOF MULT
TOF tray

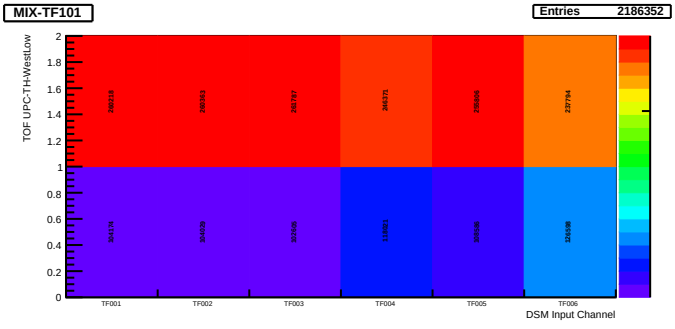

MIX-TF004
Entries 7652232
TOF MULT
TOF tray

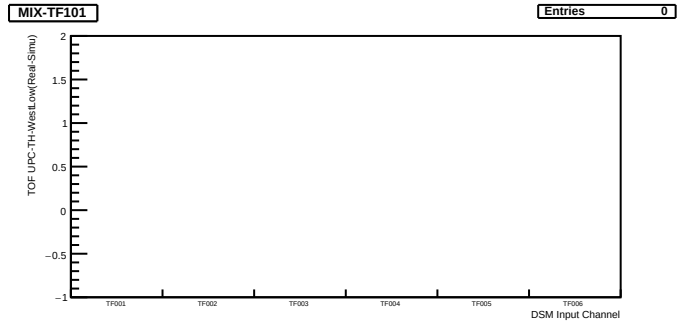

MIX-TF005
Entries 7652232
TOF MULT
TOF tray

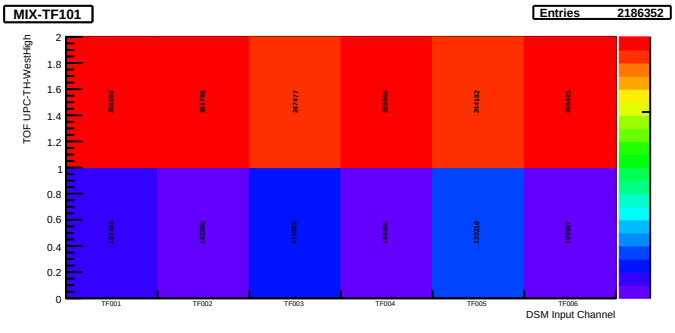

MIX-TF006
Entries 7652232
TOF MULT
TOF tray

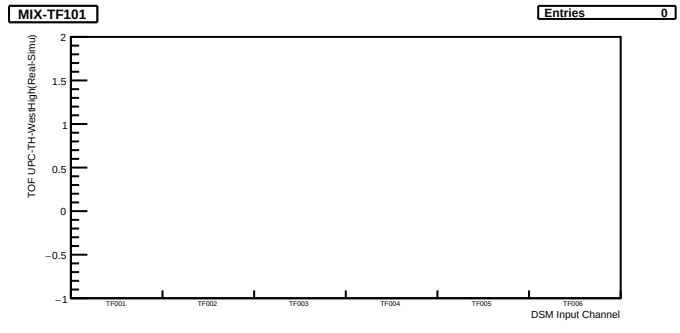

MIX-TF101
Entries 2186352
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

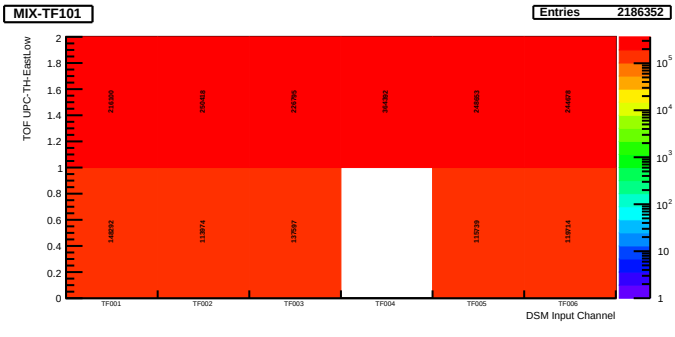

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

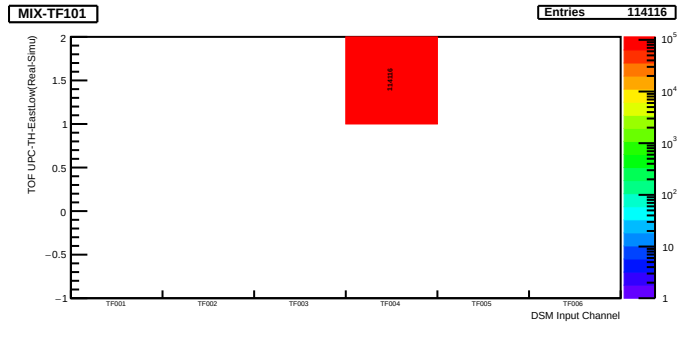

MIX-TF101
Entries 2186352
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

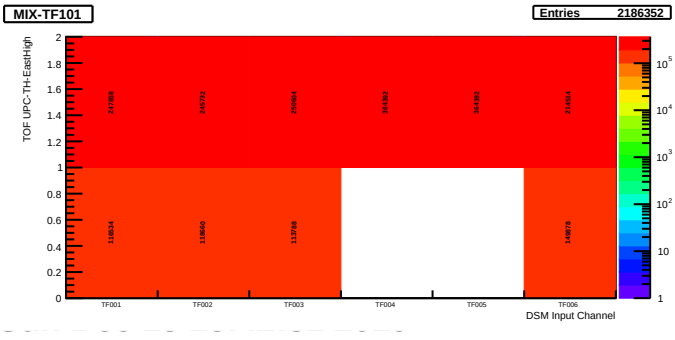

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

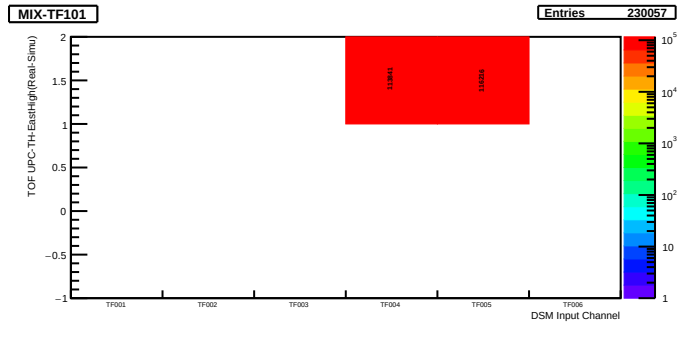

MIX-TF101
Entries 2186352
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

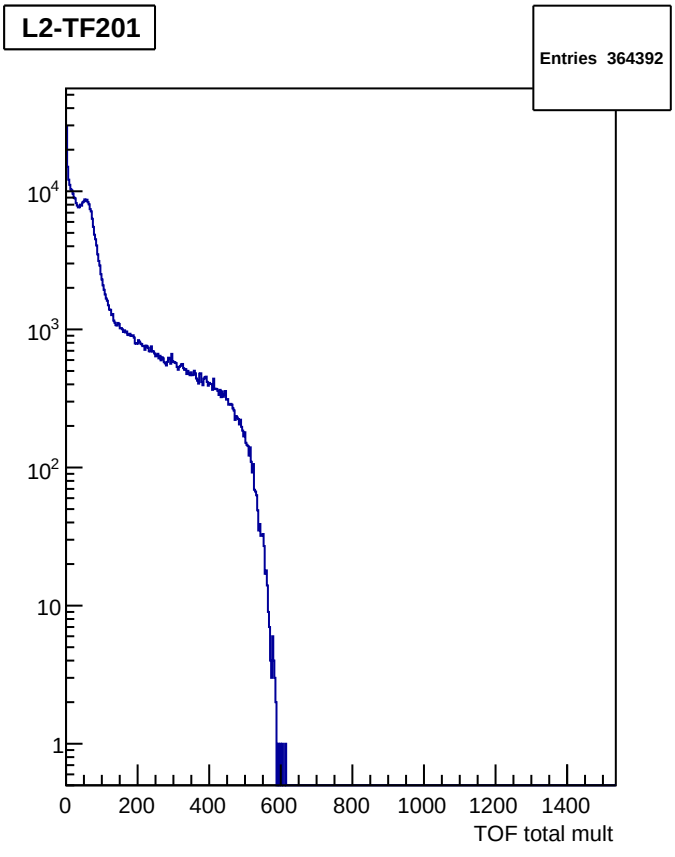

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

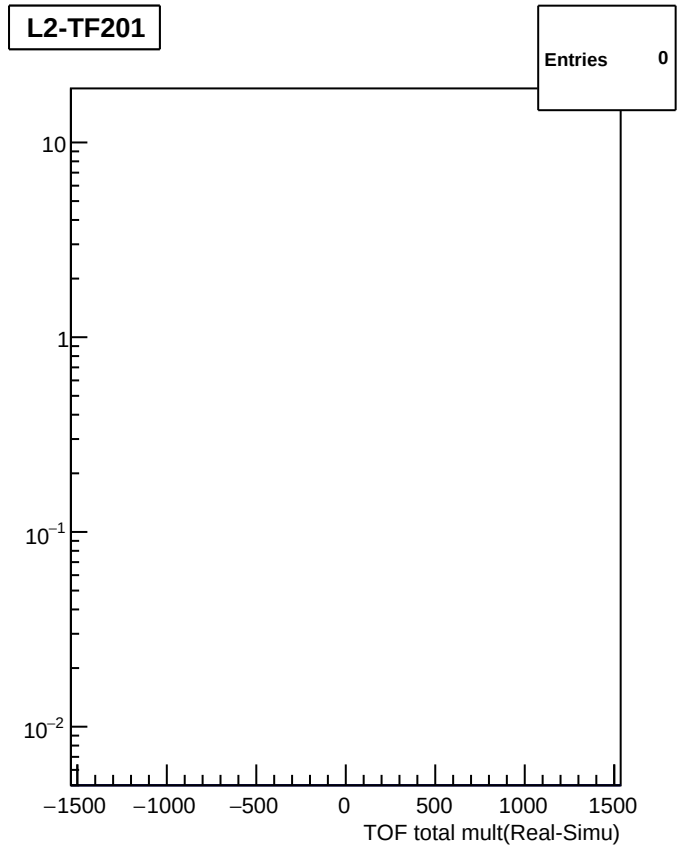

MIX-TF101
Entries 2186352
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

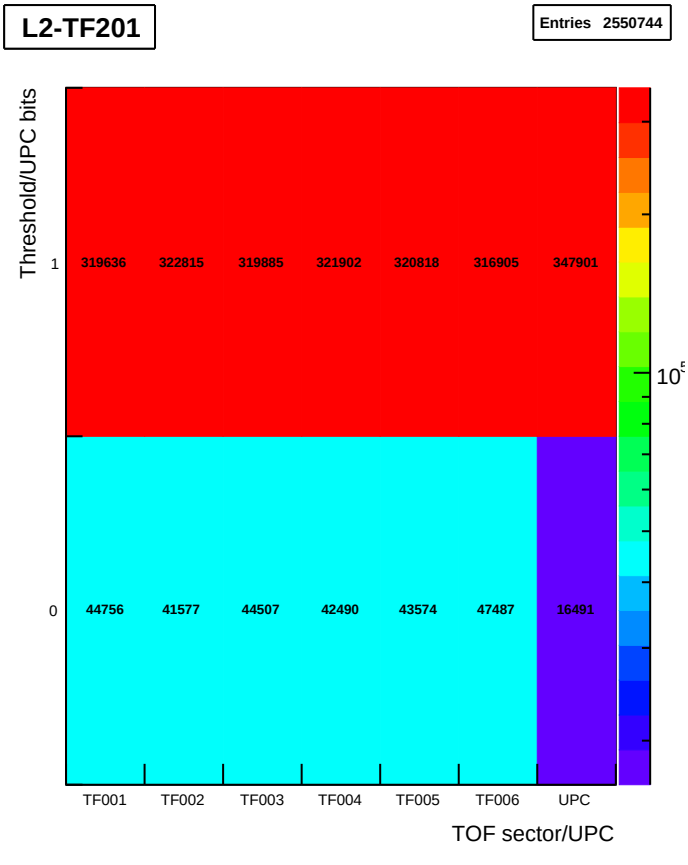

MIX-TF101
Entries 114116
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

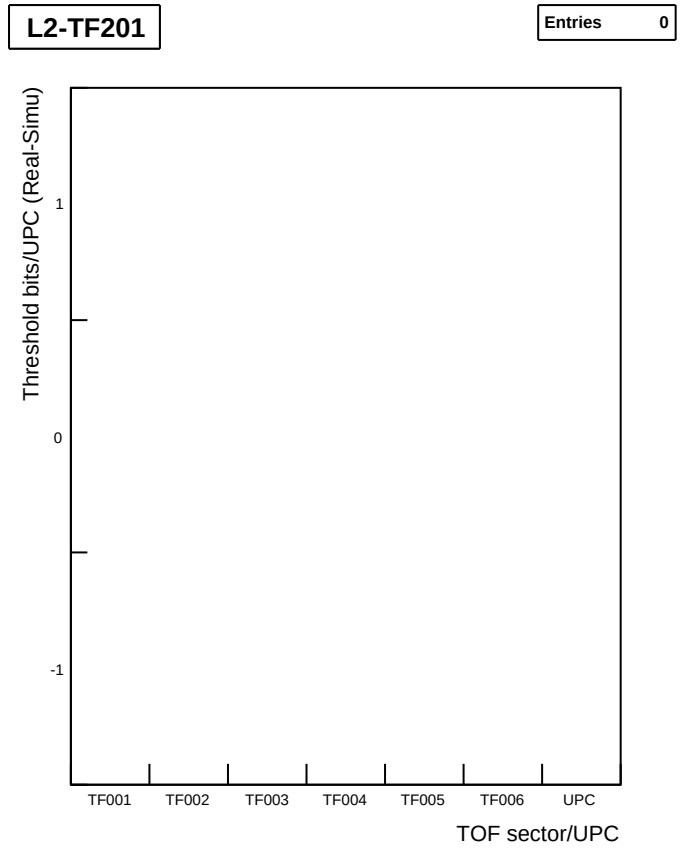

MIX-TF101
Entries 2186352
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

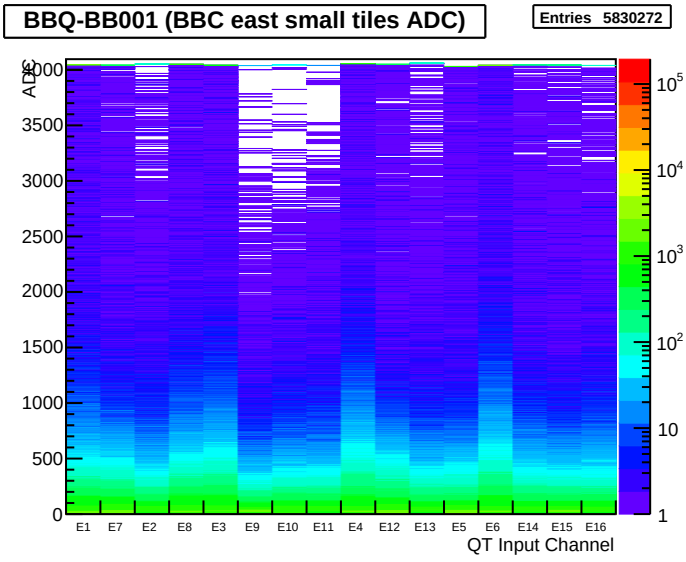

MIX-TF101
Entries 230057
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

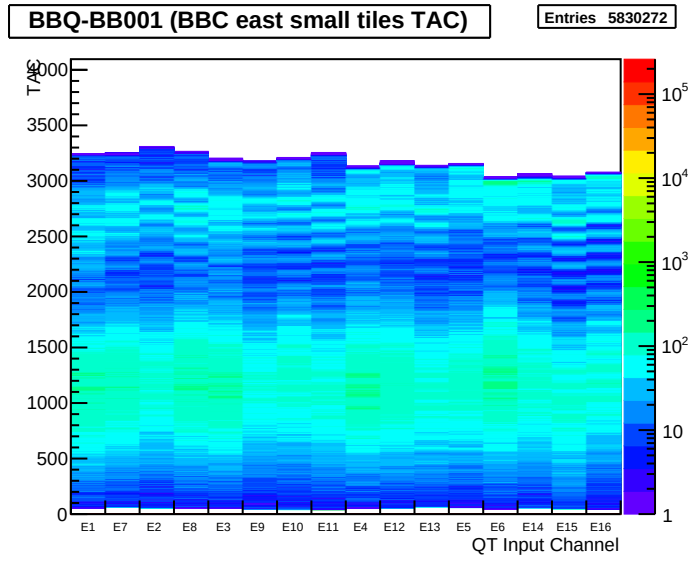

L2-TF201
Entries 364392
TOF total mult

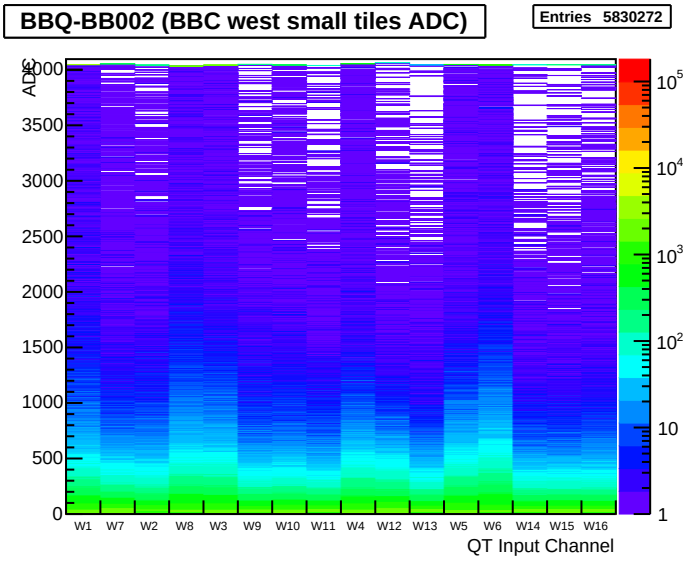

L2-TF201
Entries 0
TOF total mult(Real-Simu)

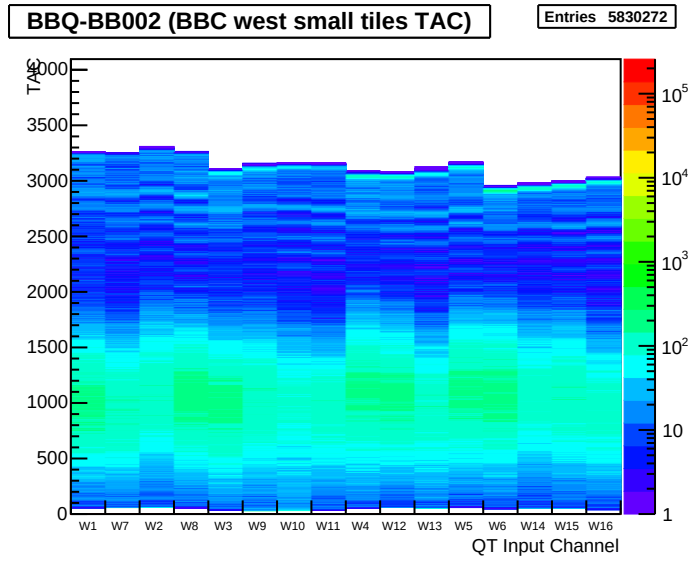

L2-TF201
Entries 2550744
Threshold/UPC bits
319636
322815
319885
321902
320818
316905
347901
44756
41577
44507
42490
43574
47487
16491
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

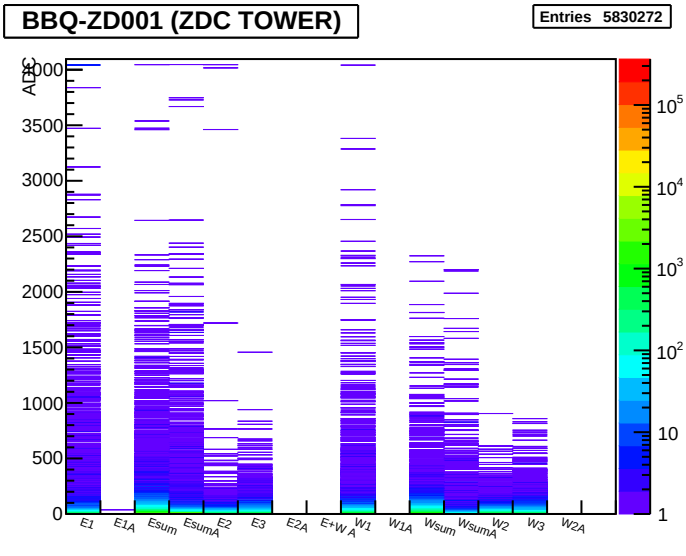

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

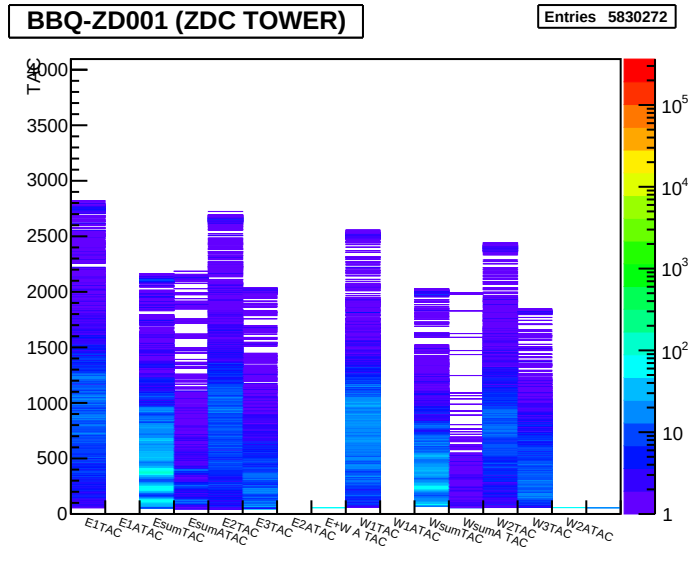

BBQ-BB001 (BBC east small tiles ADC)
Entries 5830272
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

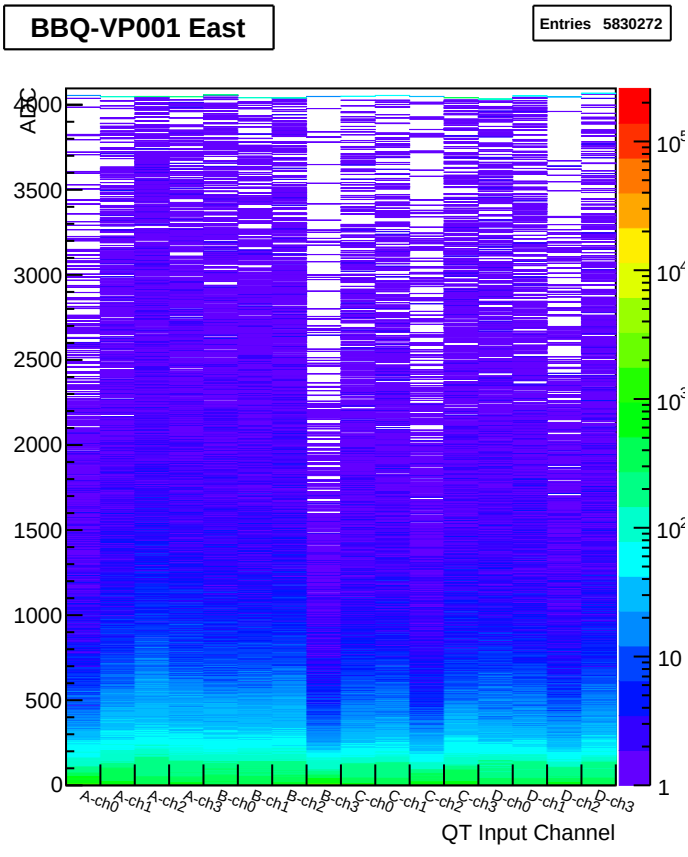

BBQ-BB001 (BBC east small tiles TAC)
Entries 5830272
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

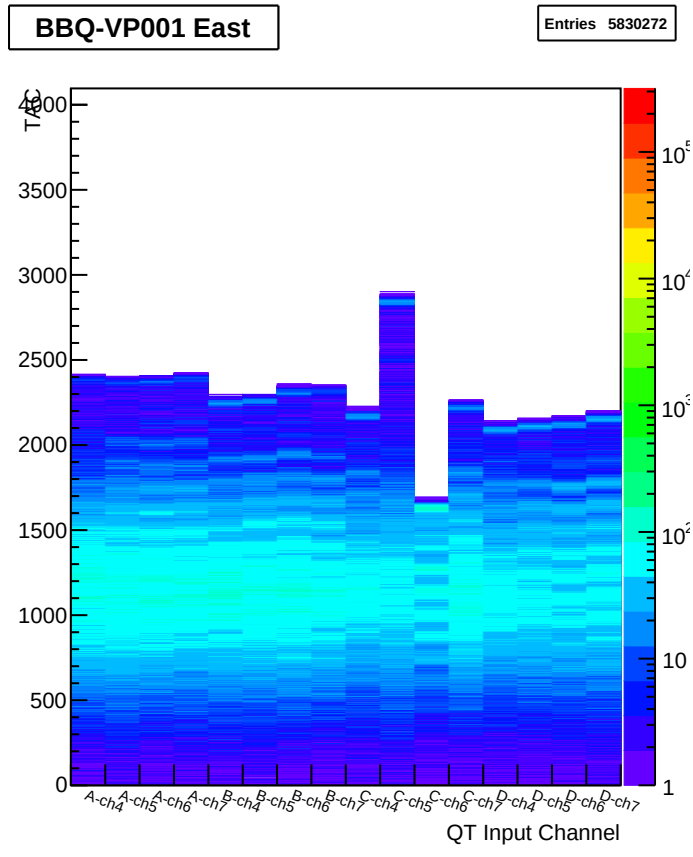

BBQ-BB002 (BBC west small tiles ADC)
Entries 5830272
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

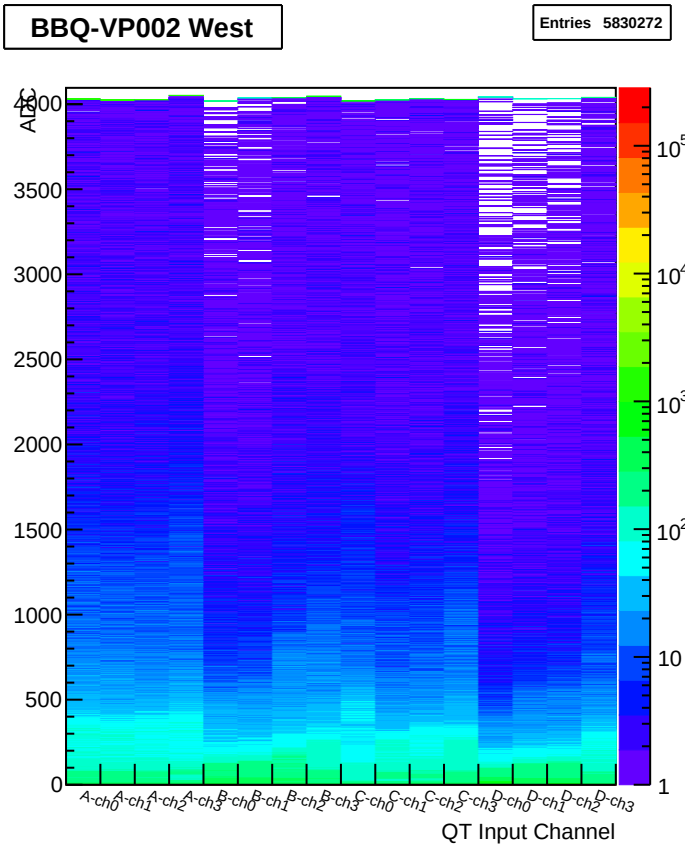

BBQ-BB002 (BBC west small tiles TAC)
Entries 5830272
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

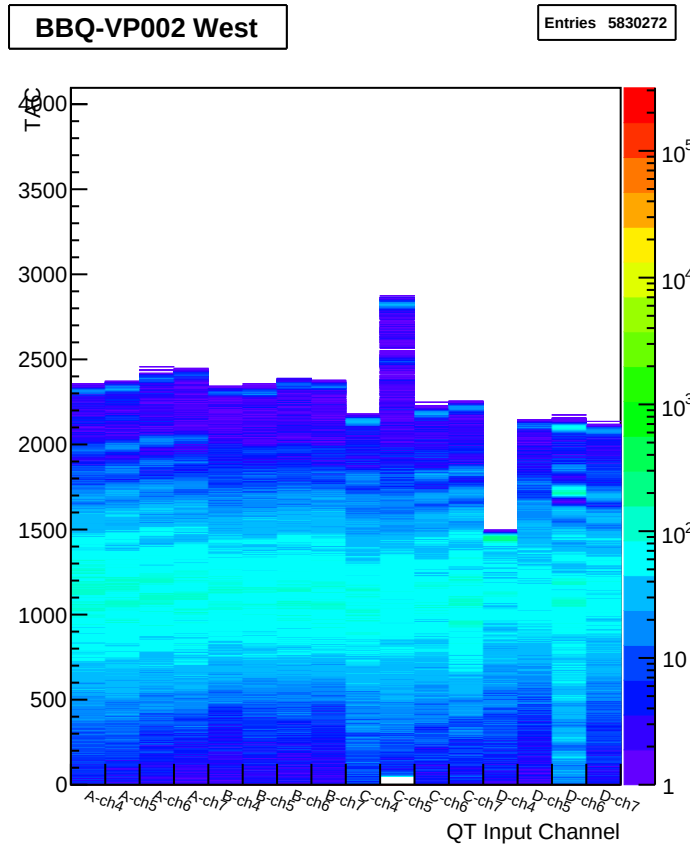

BBQ-ZD001 (ZDC TOWER)
Entries 5830272
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

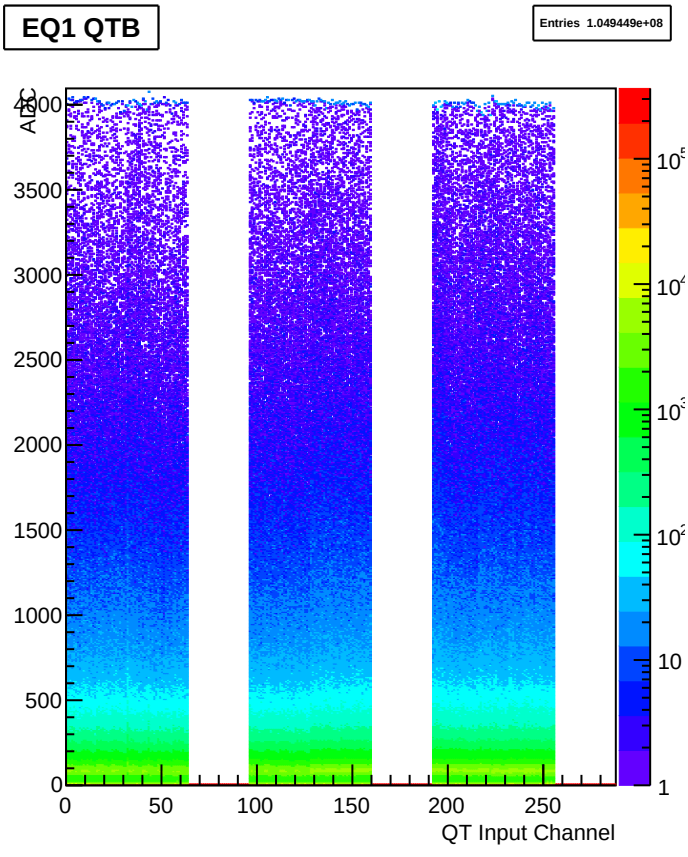

BBQ-ZD001 (ZDC TOWER)
Entries 5830272
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

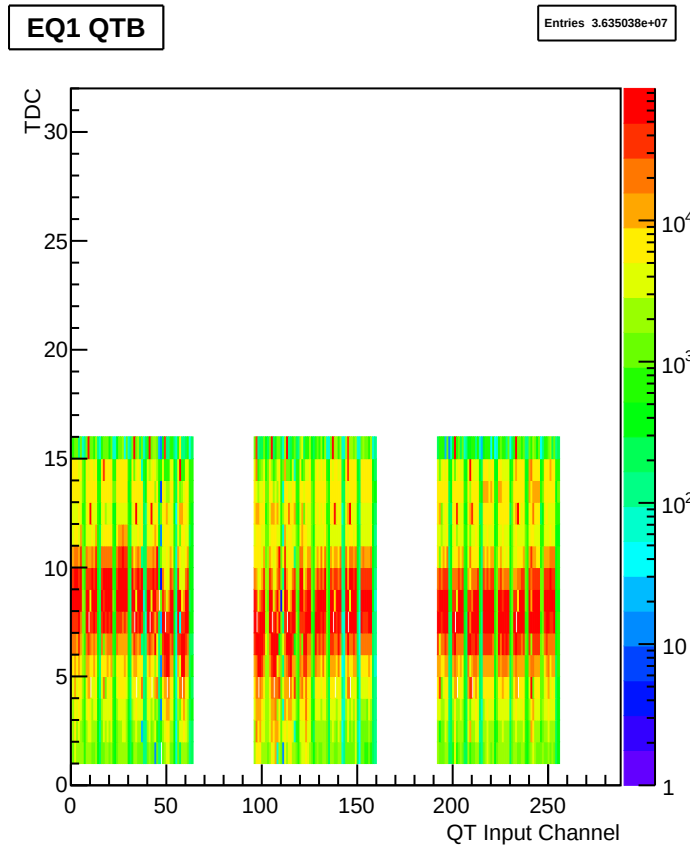

BBQ-VP001 East
Entries 5830272
ADC
QT Input Channel

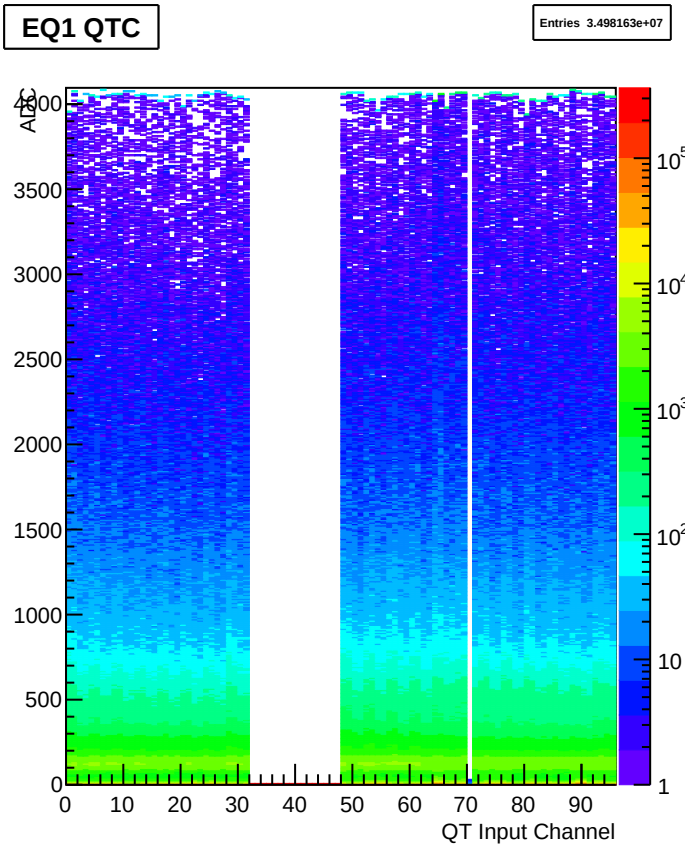

BBQ-VP001 East
Entries 5830272
TADC
QT Input Channel

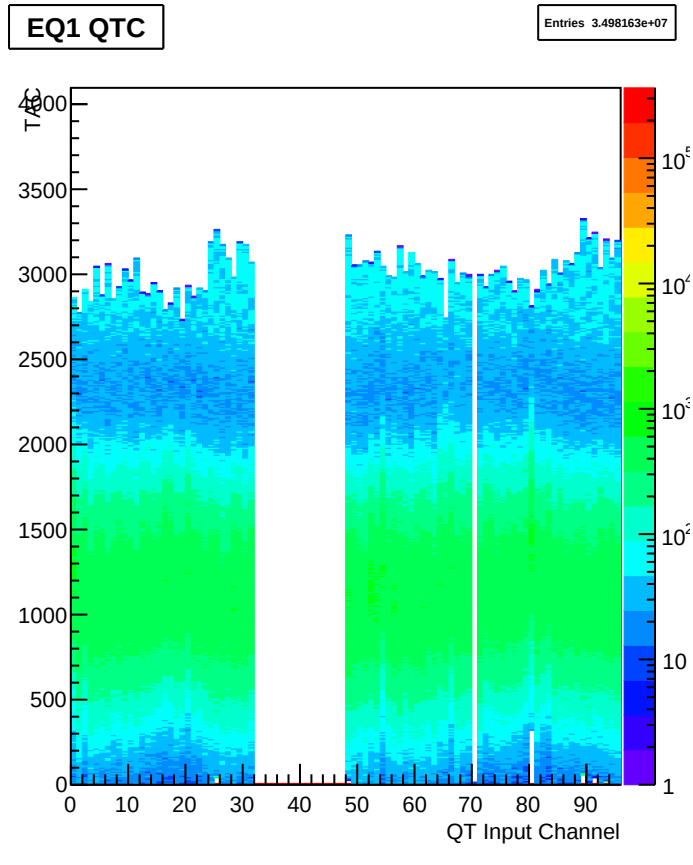

BBQ-VP002 West
Entries 5830272
ADC
QT Input Channel

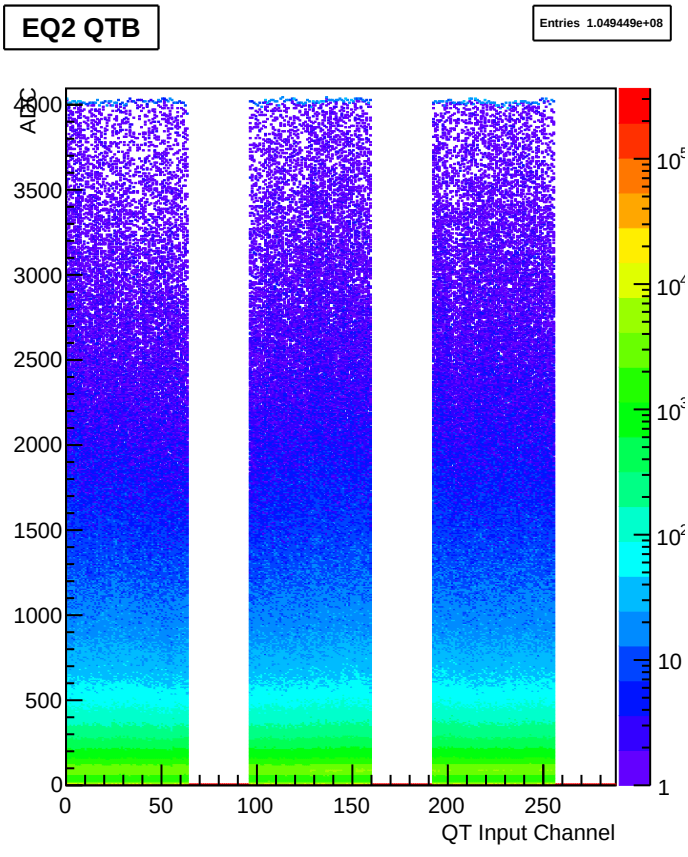

BBQ-VP002 West
Entries 5830272
TADC
QT Input Channel

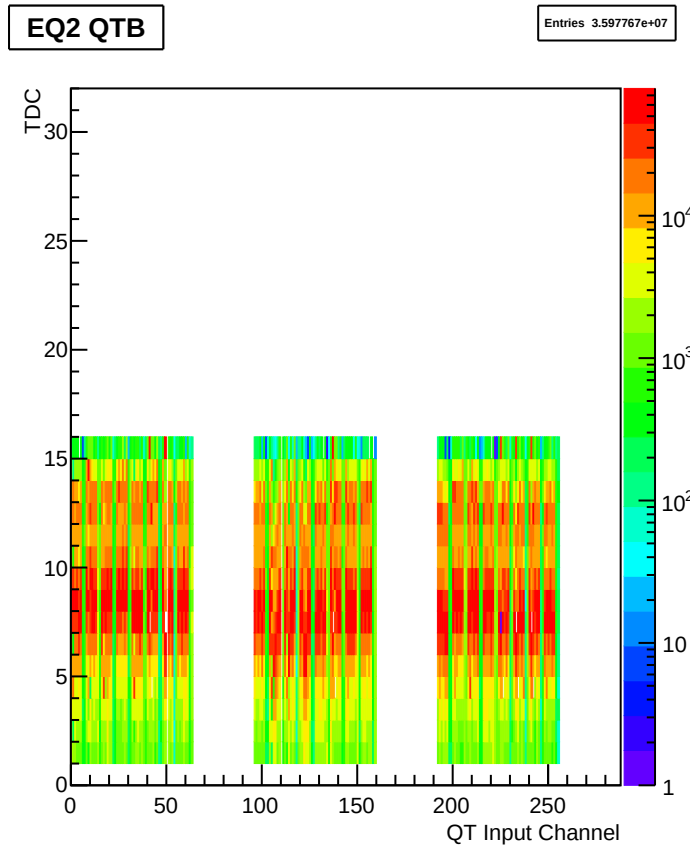

EQ1 QTB
Entries 1.049449e+08
ADC
QT Input Channel

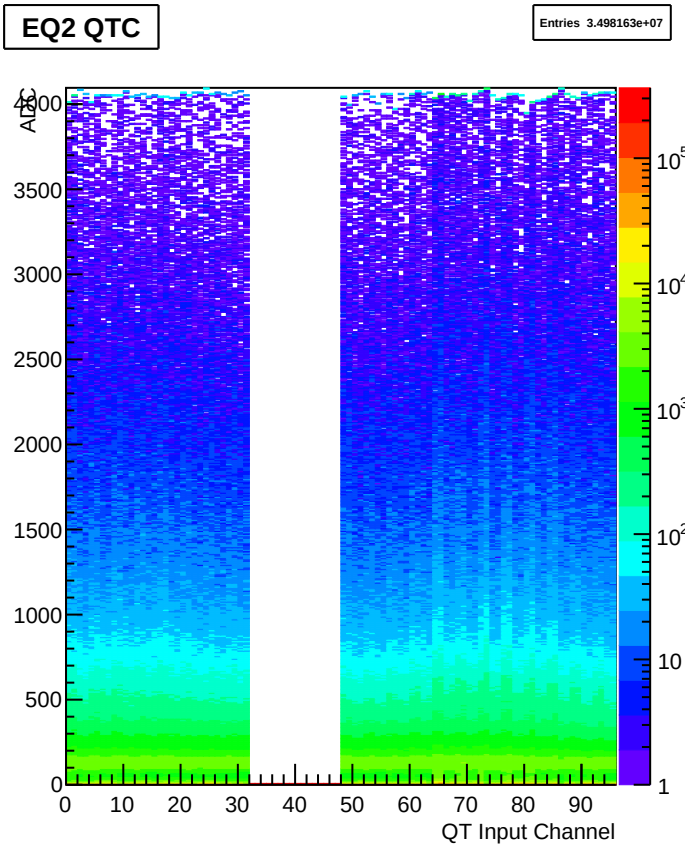

EQ1 QTB
Entries 3.635038e+07
TDC
QT Input Channel

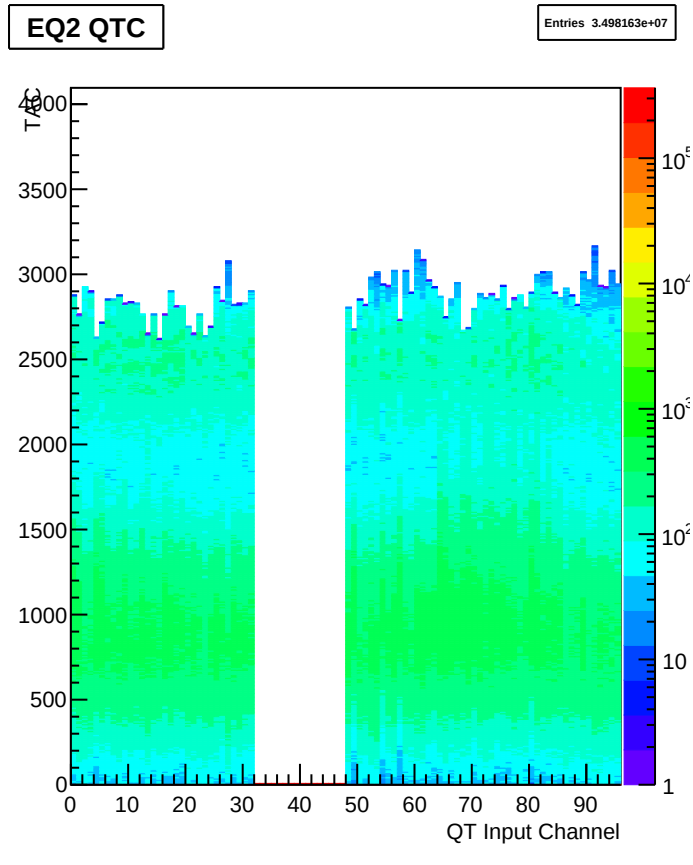

EQ1 QTC
Entries 3.498163e+07
ADC
QT Input Channel

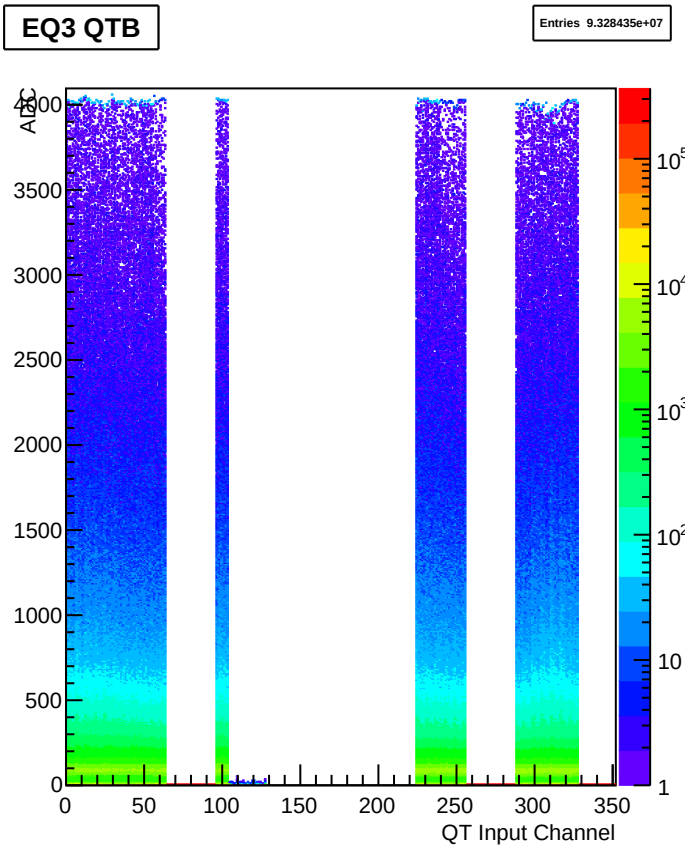

EQ1 QTC
Entries 3.498163e+07
TADC
QT Input Channel

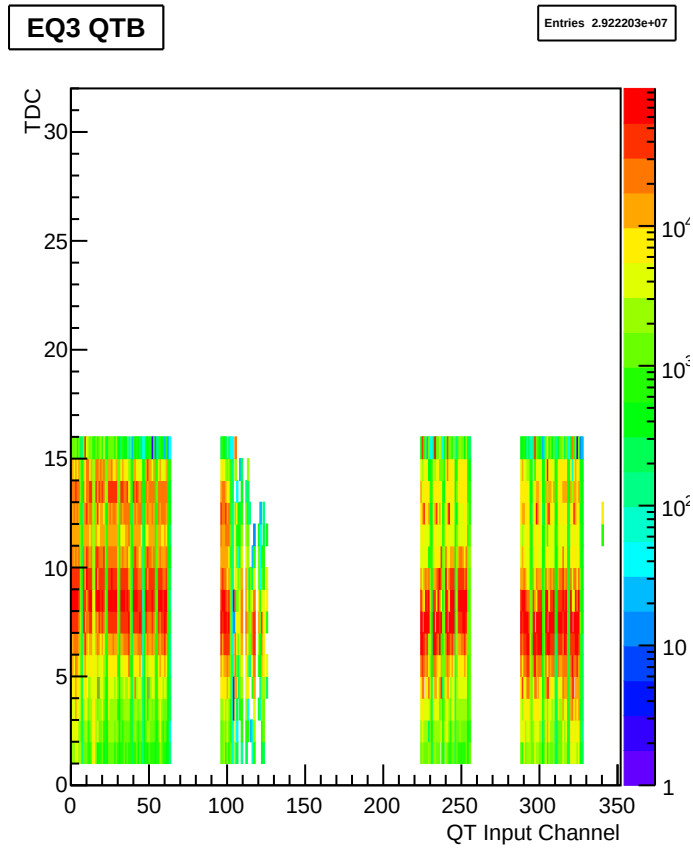

EQ2 QTB
Entries 1.049449e+08
ADC
QT Input Channel

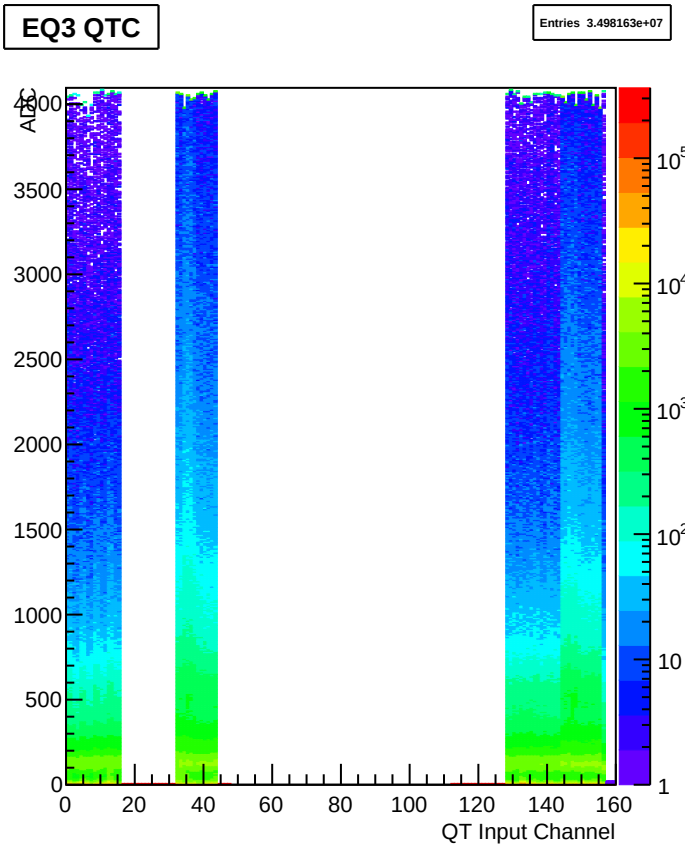

EQ2 QTB
Entries 3.597767e+07
TDC
QT Input Channel

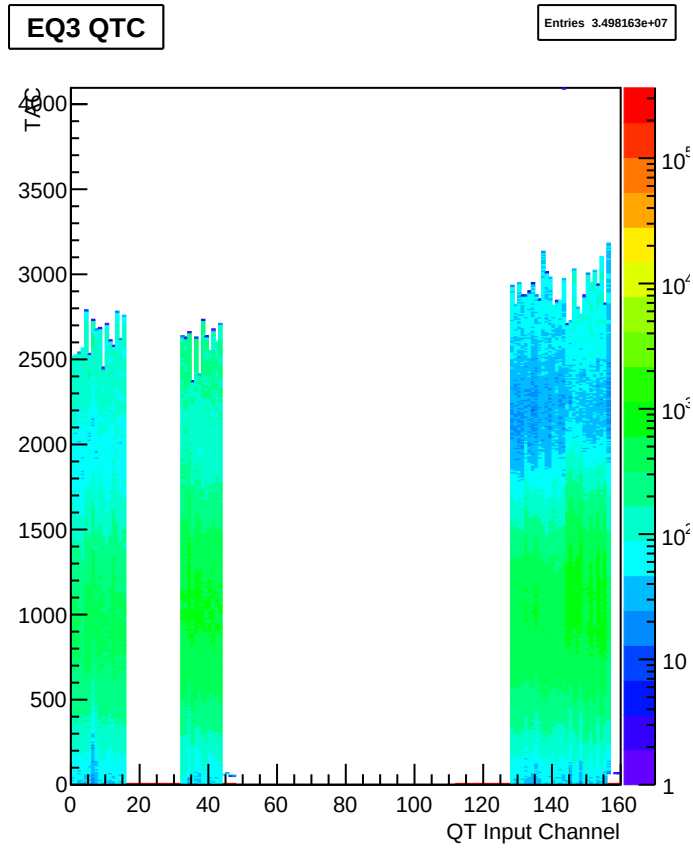

EQ2 QTC
Entries 3.498163e+07
ADC
QT Input Channel

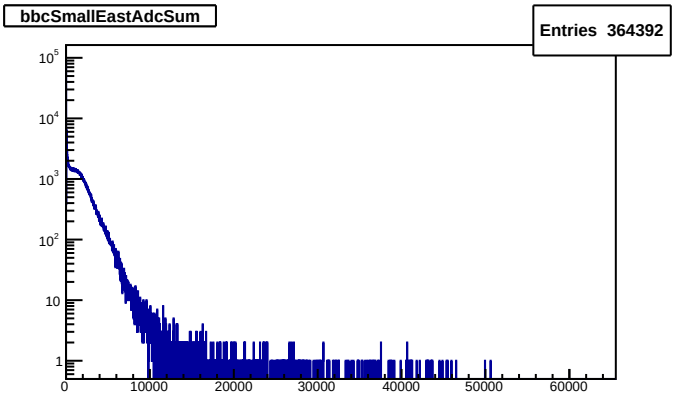

EQ2 QTC
Entries 3.498163e+07
TADC
QT Input Channel

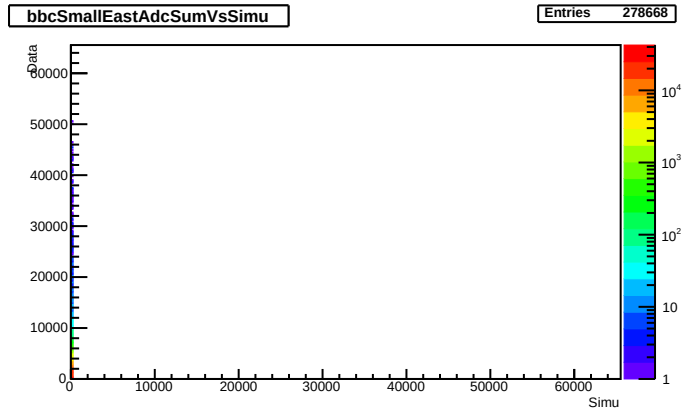

EQ3 QTB
Entries 9.328435e+07
ADC
QT Input Channel

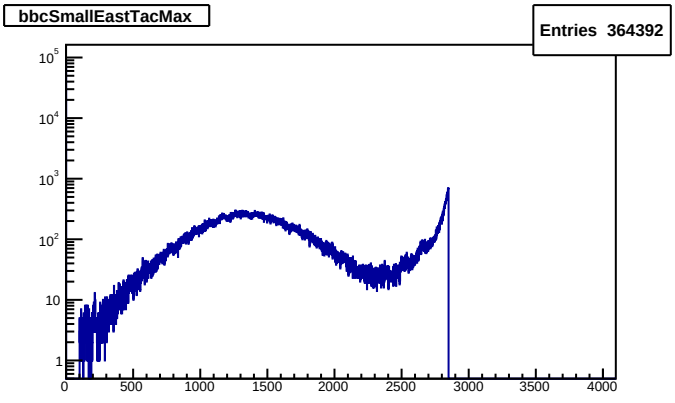

EQ3 QTB
Entries 2.922203e+07
TDC
QT Input Channel

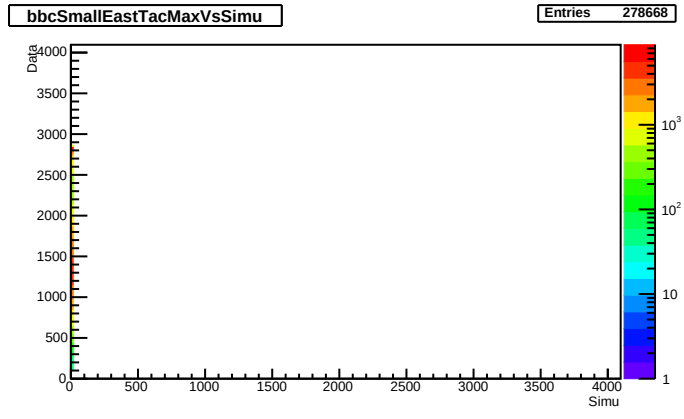

EQ3 QTC
Entries 3.498163e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.498163e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 364392


bbcSmallEastAdcSumVsSimu
Entries 278668
Data
Simu


bbcSmallEastTacMax
Entries 364392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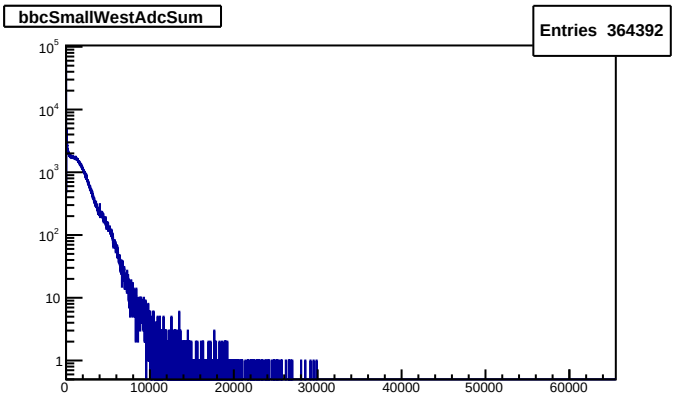
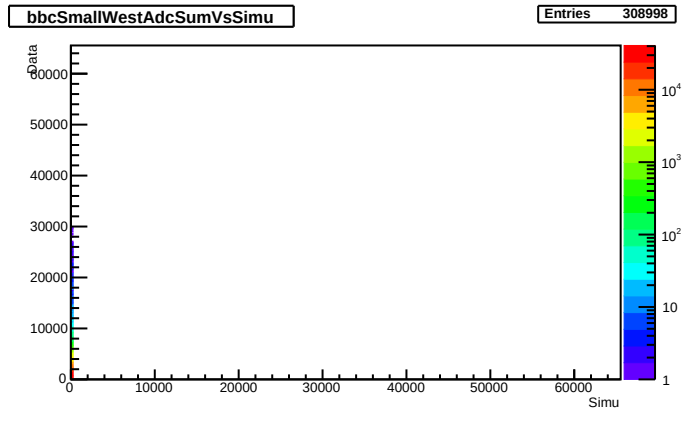
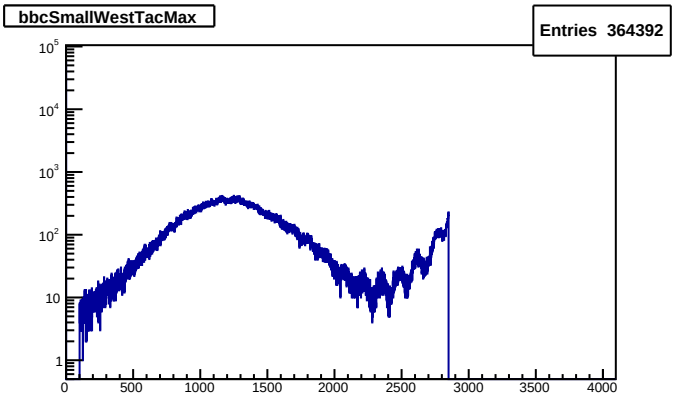
Entries 278668
Data
Simu


bbcSmallWestAdcSum
Entries 364392


bbcSmallWestAdcSumVsSimu
Entries 308998
Data
Simu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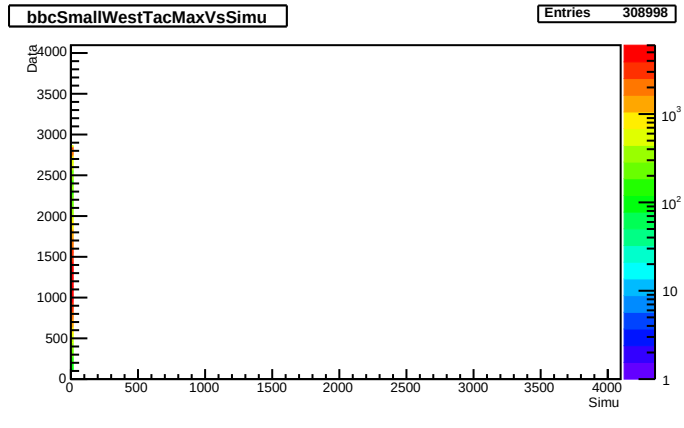
Entries 364392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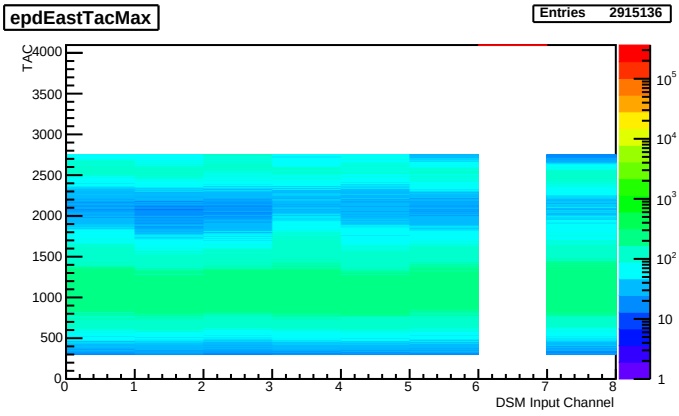
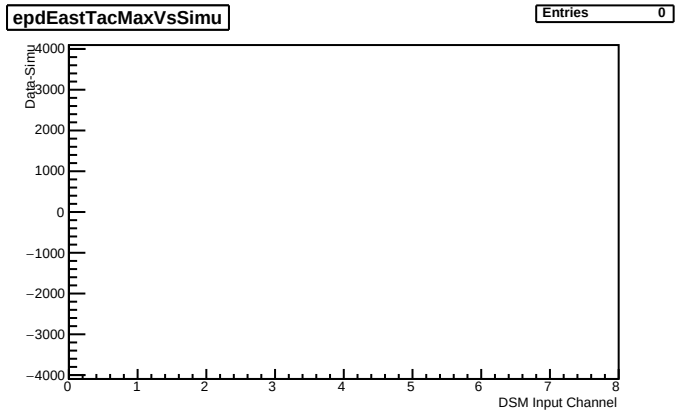
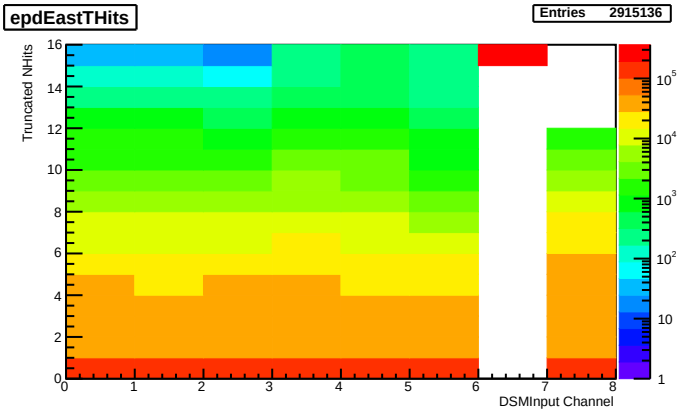
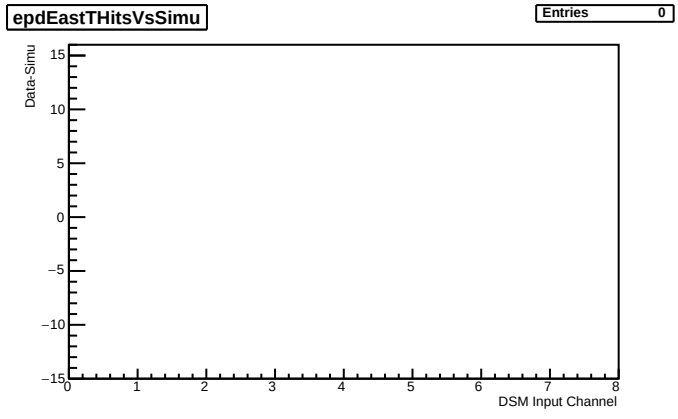
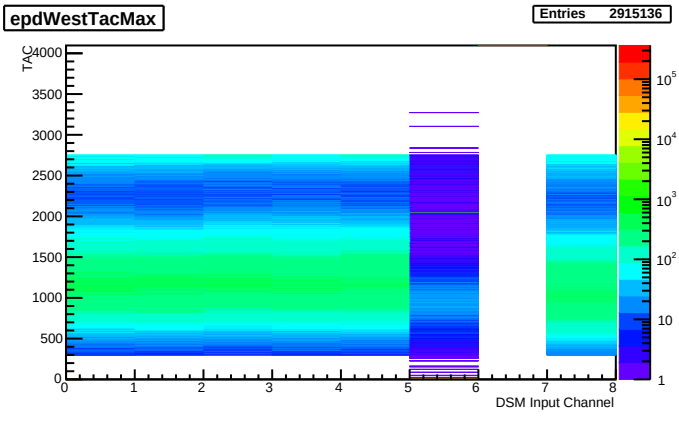
Entries 308998
Data
Simu


epdEastTacMax
Entries 2915136
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2915136
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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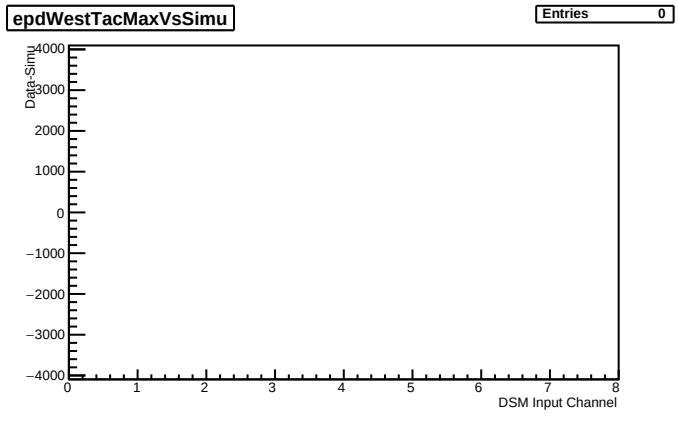
Entries 2915136
TAC
DSM Input Channel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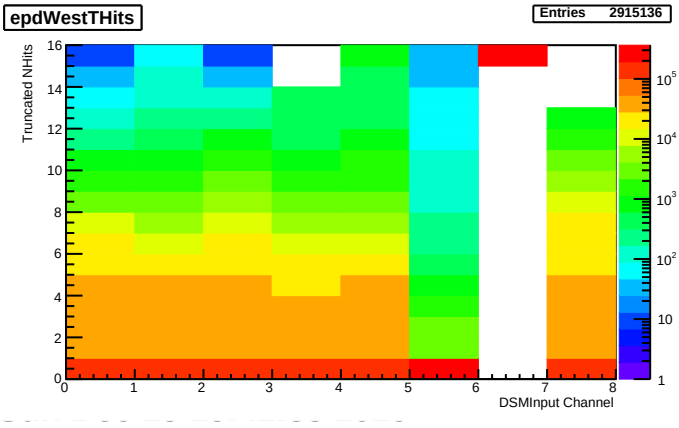
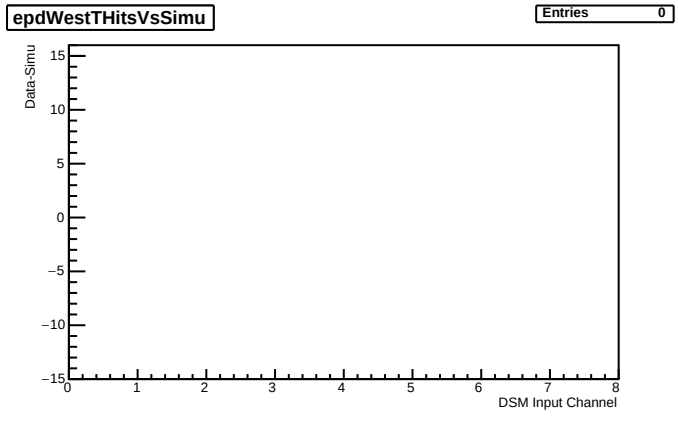
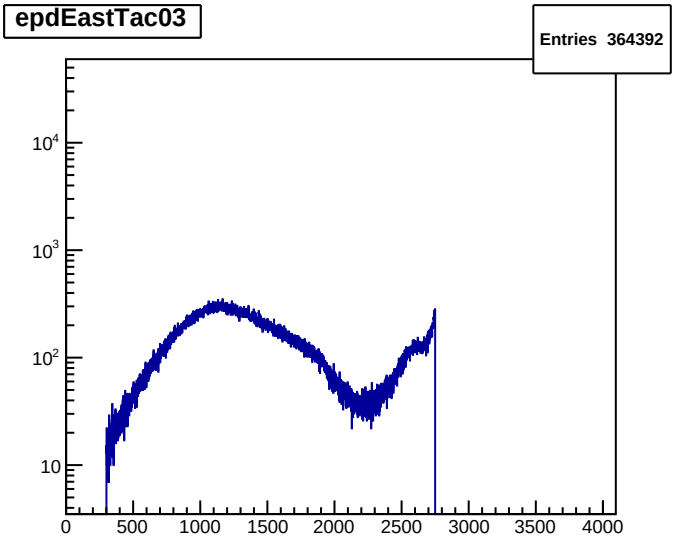
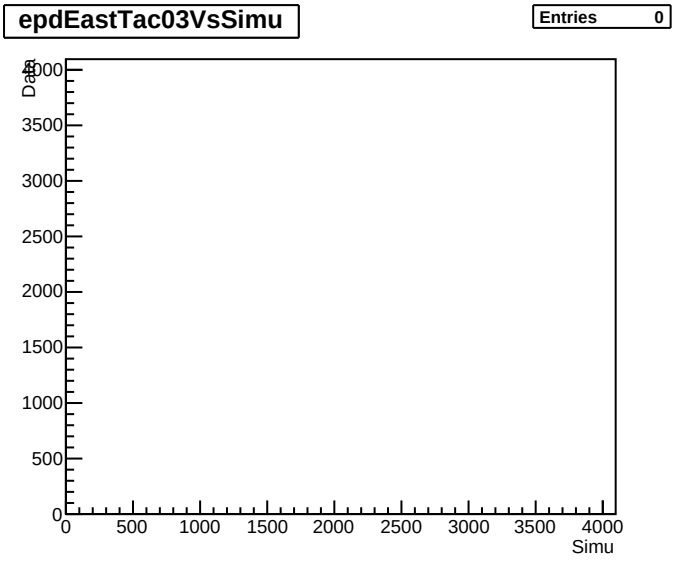
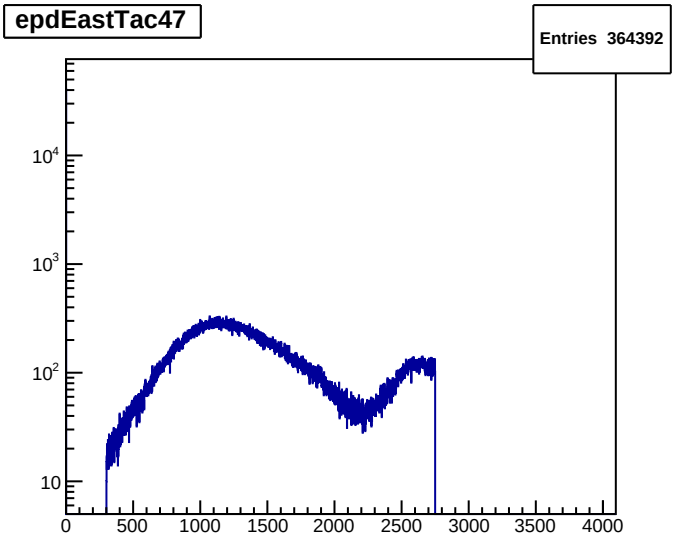
Entries 0
Data-Simu
DSM Input Channel

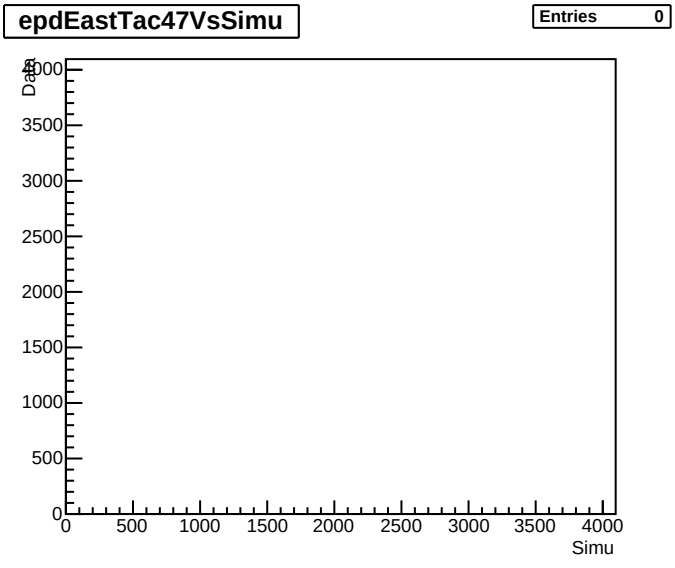

epdWestTHits
Entries 2915136
Truncated NHits
DSMInput Channel

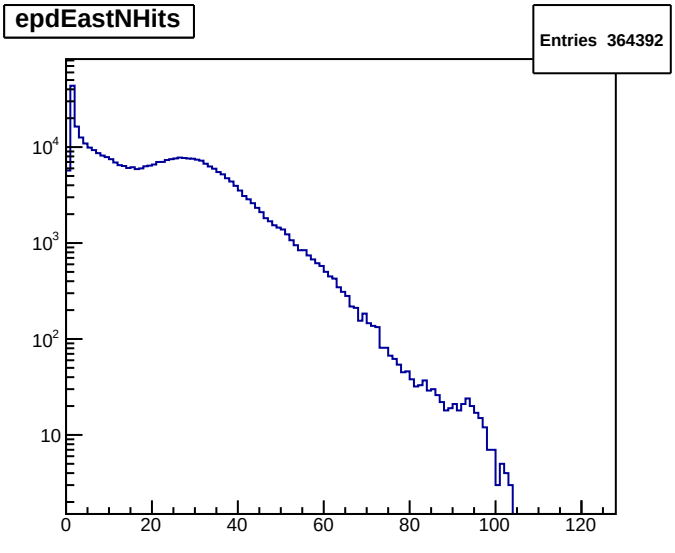

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

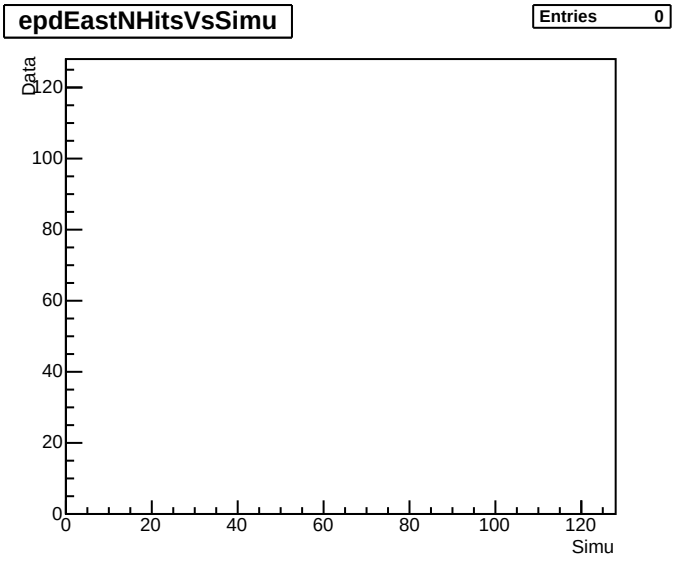

epdEastTac03
Entries 364392
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

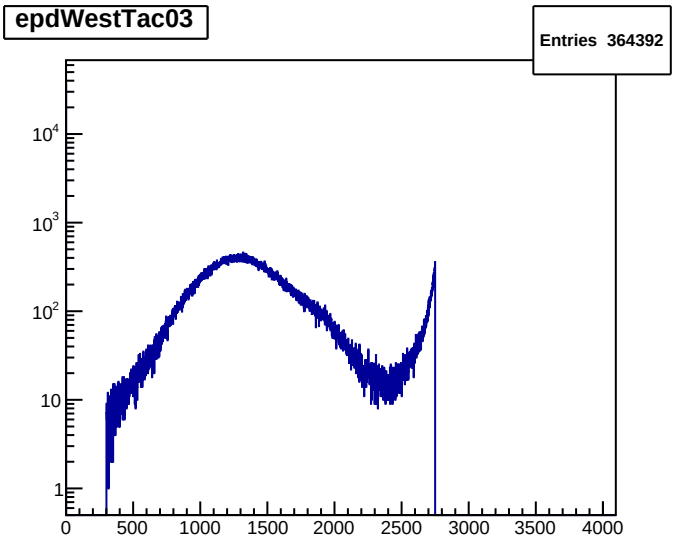

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

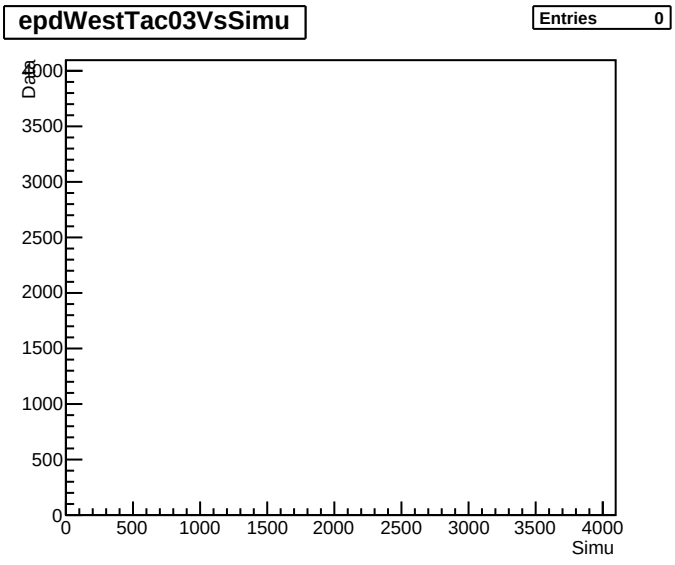

epdEastTac47
Entries 364392
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


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 364392
10^4
10^3
10^2
10
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 364392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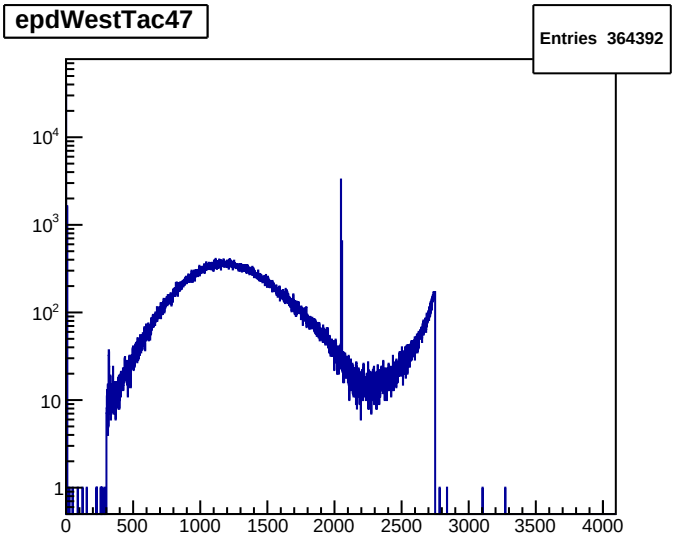
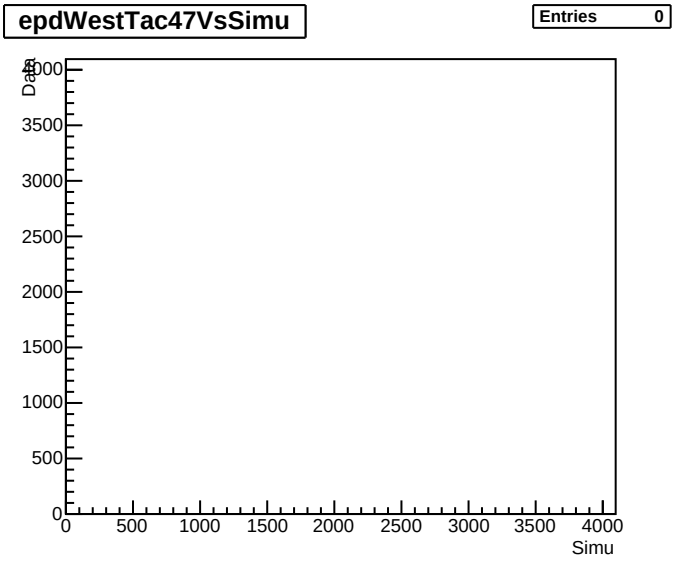
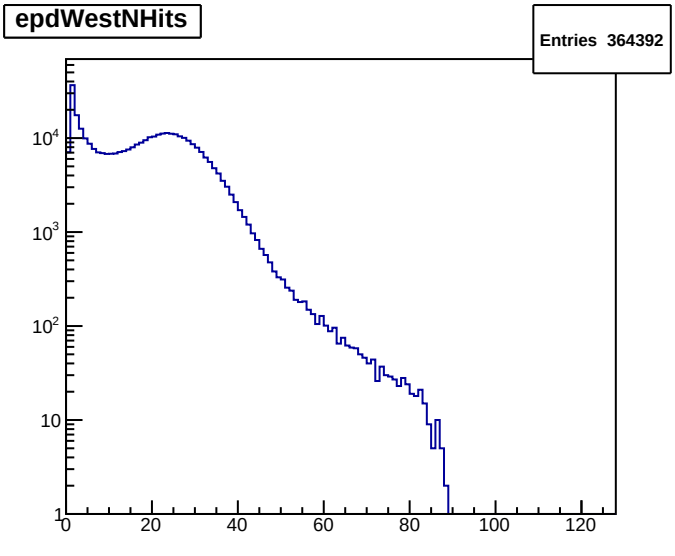
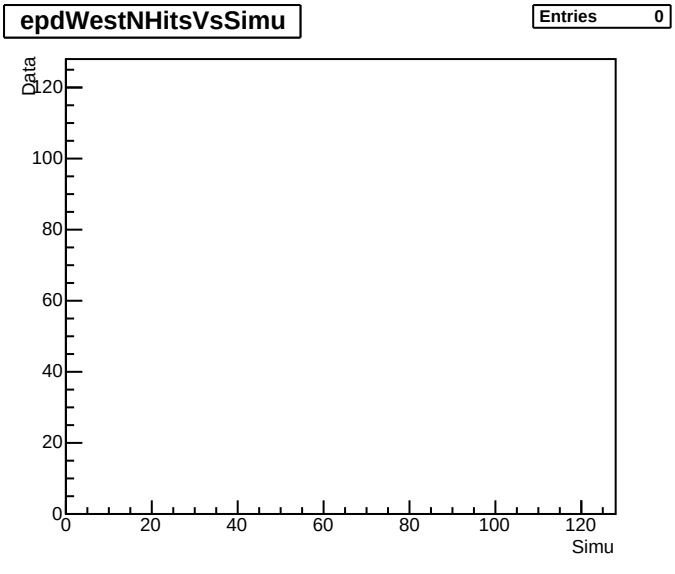
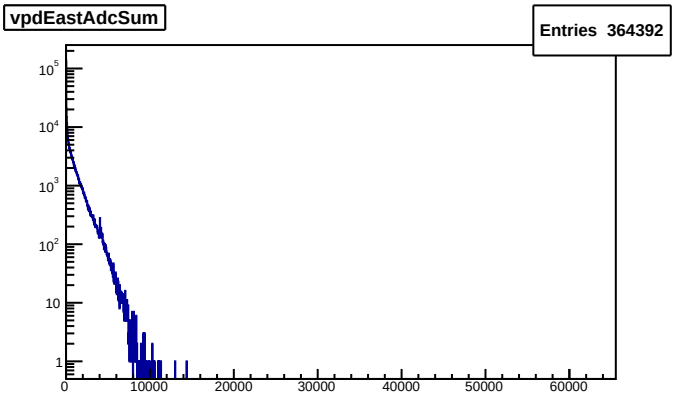
Entries 0
Data
Simu

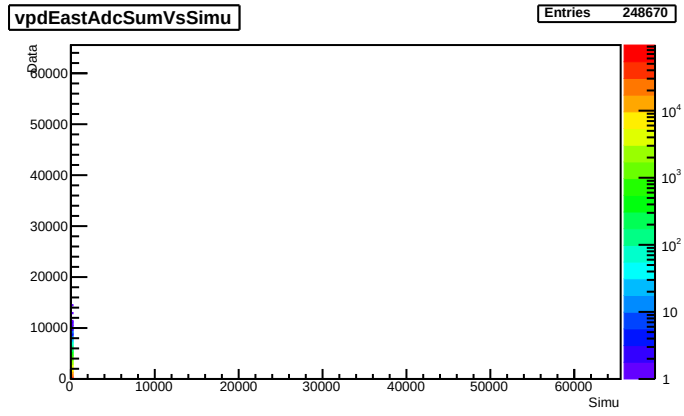

epdWestTac47
Entries 364392

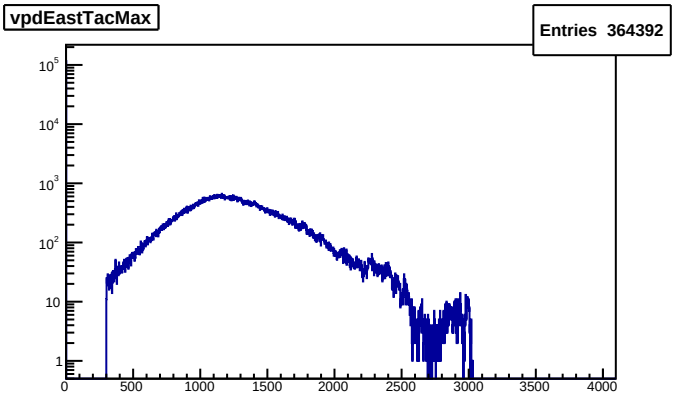

epdWestTac47VsSimu
Entries 0
Data
Simu

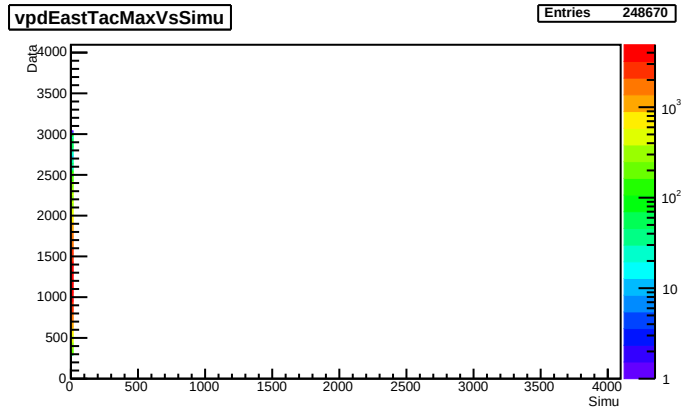

epdWestNHits
Entries 364392

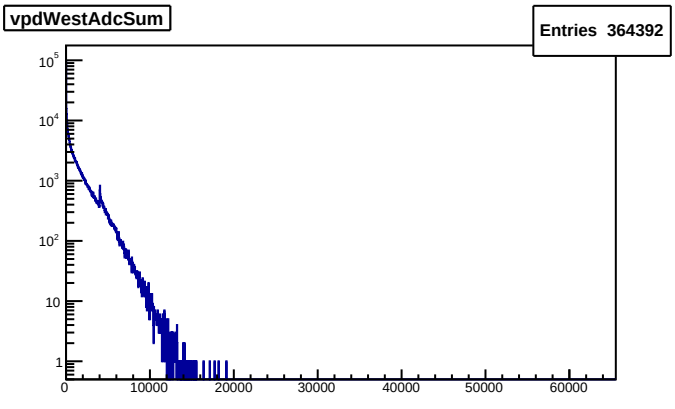

epdWestNHitsVsSimu
Entries 0
Data
Simu

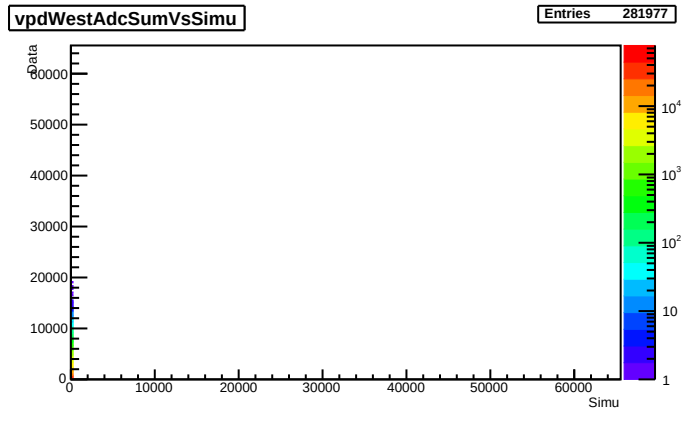

vpdEastAdcSum
Entries 364392

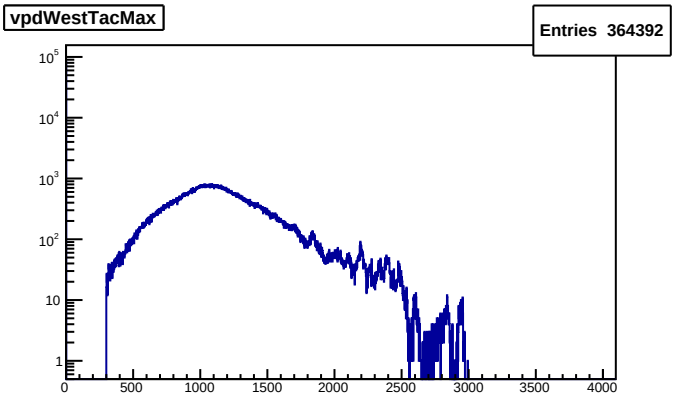

vpdEastAdcSumVsSimu
Entries 248670
Data
Simu

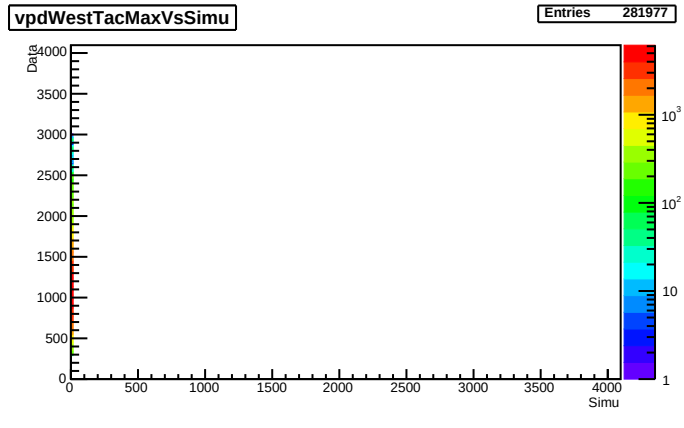

vpdEastTacMax
Entries 364392

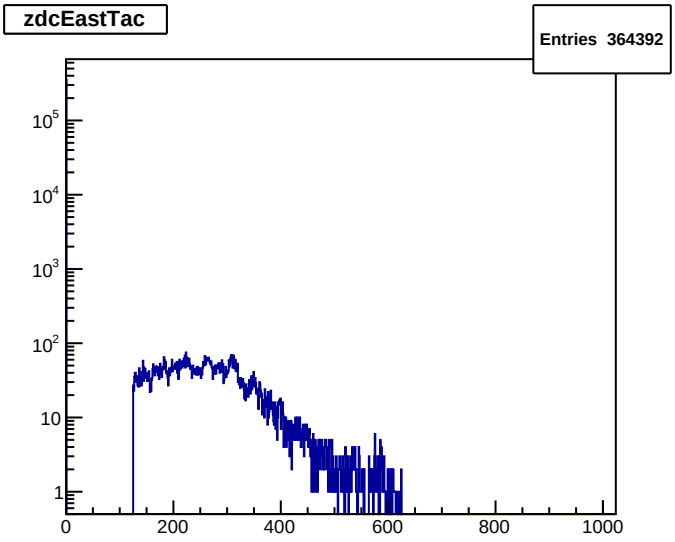

vpdEastTacMaxVsSimu
Entries 248670
Data
Simu

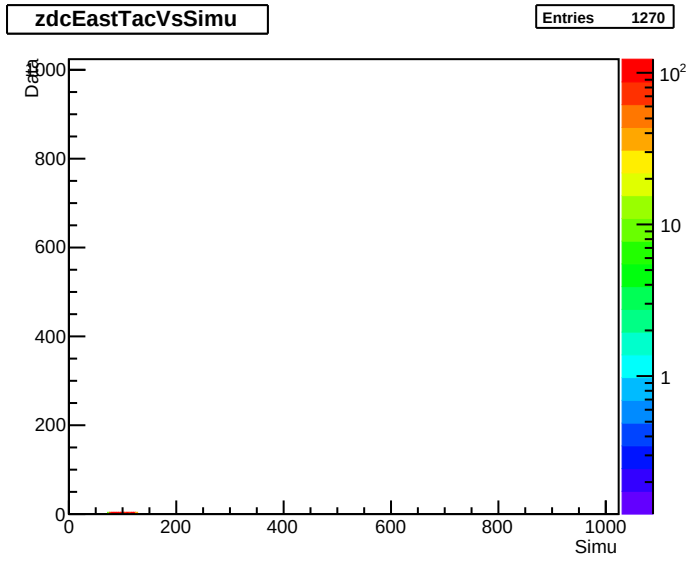

vpdWestAdcSum
Entries 364392

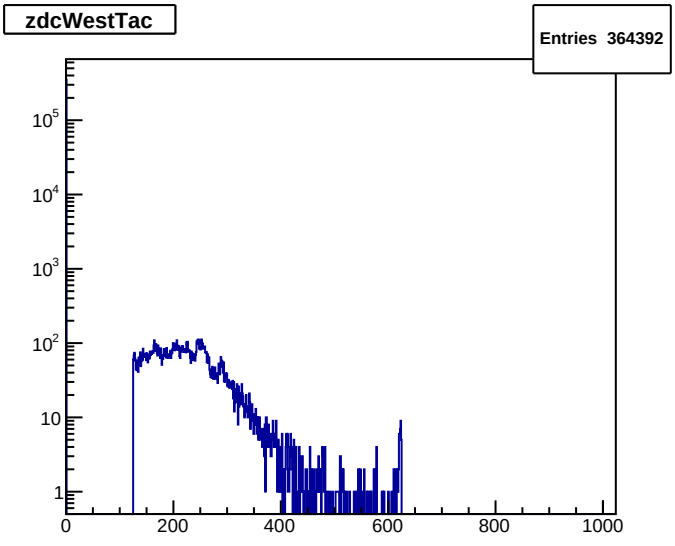

vpdWestAdcSumVsSimu
Entries 281977
Data
Simu

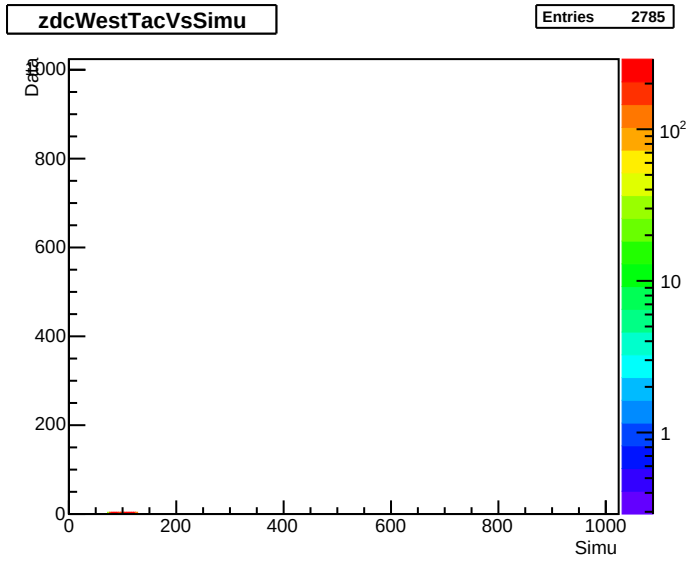

vpdWestTacMax
Entries 364392

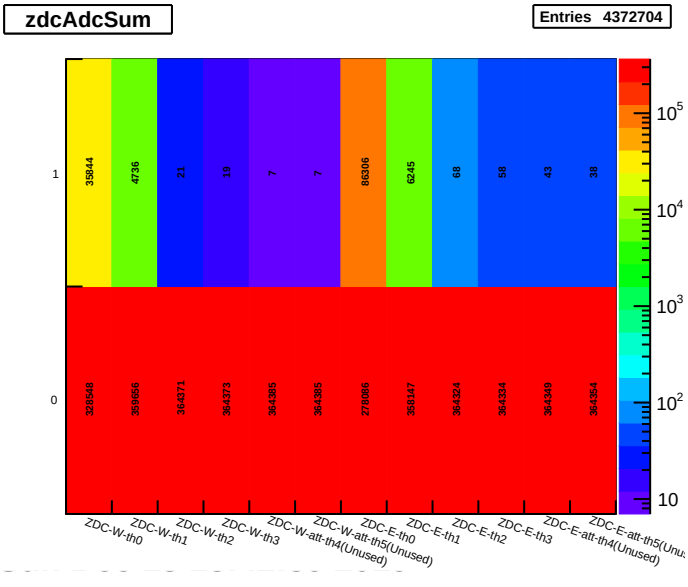

vpdWestTacMaxVsSimu
Entries 281977
Data
Simu

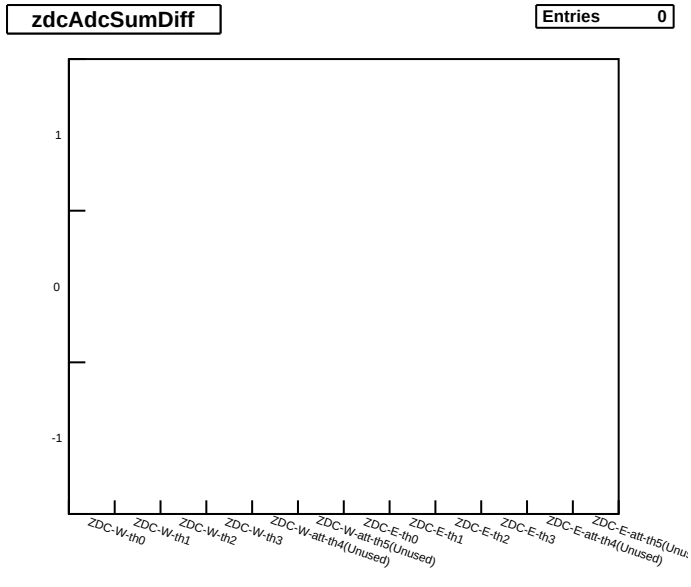

zdcEastTac
Entries 364392

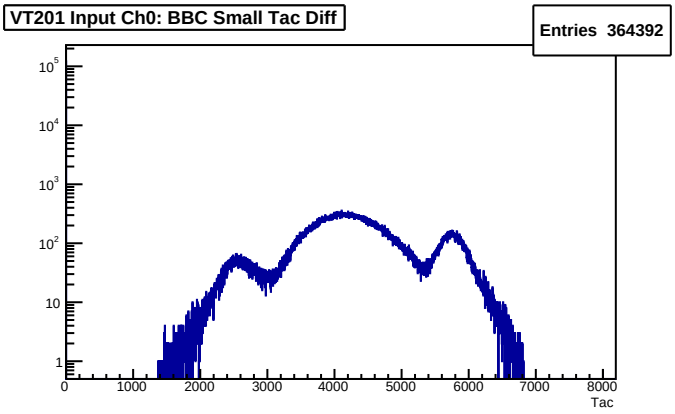

zdcEastTacVsSimu
Entries 1270
Data
Simu

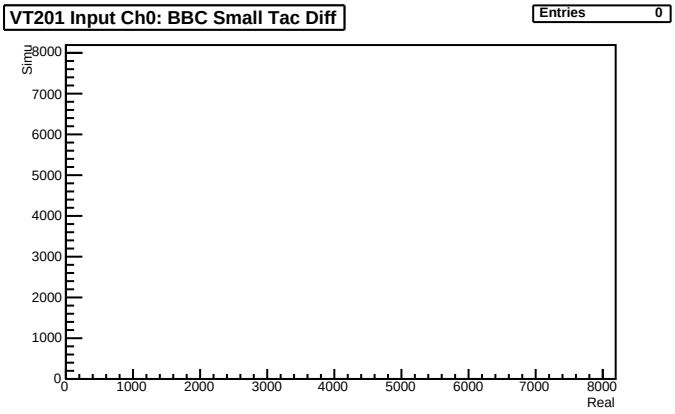

zdcWestTac
Entries 364392

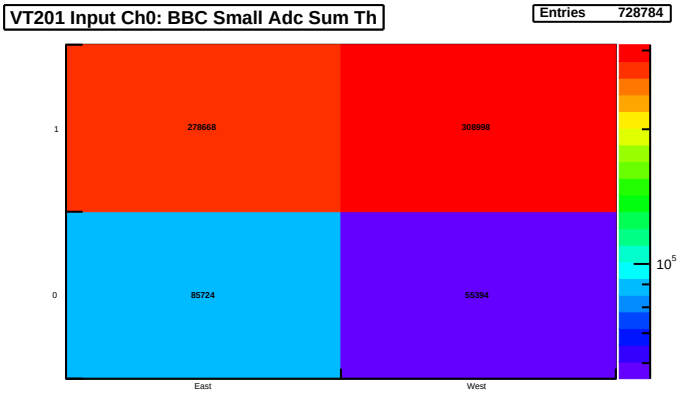

zdcWestTacVsSimu
Entries 2785
Data
Simu

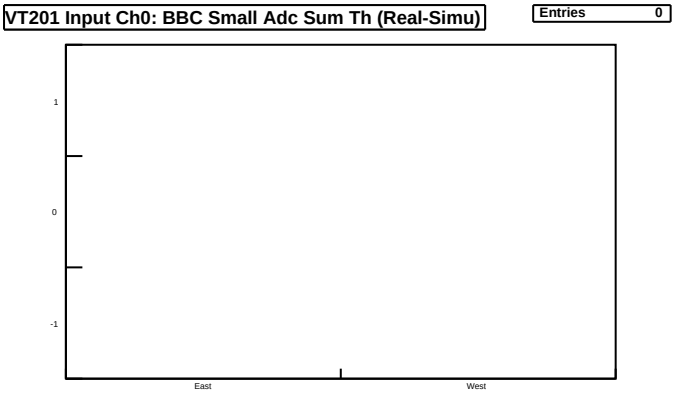

zdcAdcSum
Entries 4372704
35844
4736
21
19
7
7
86306
6245
68
58
43
38
328548
359656
364371
364373
364385
364385
278086
358147
364324
364334
364349
364354
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

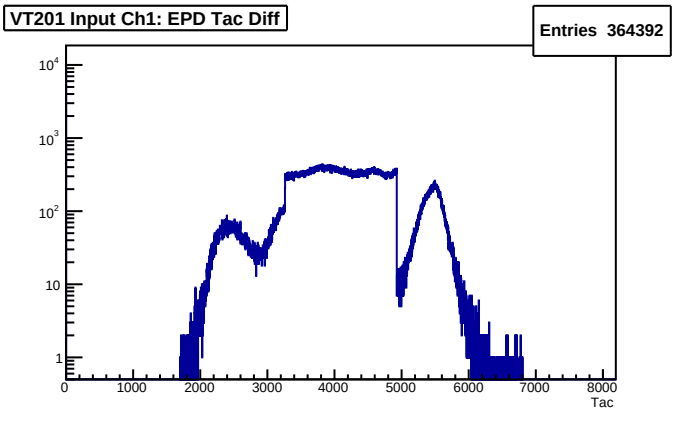

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

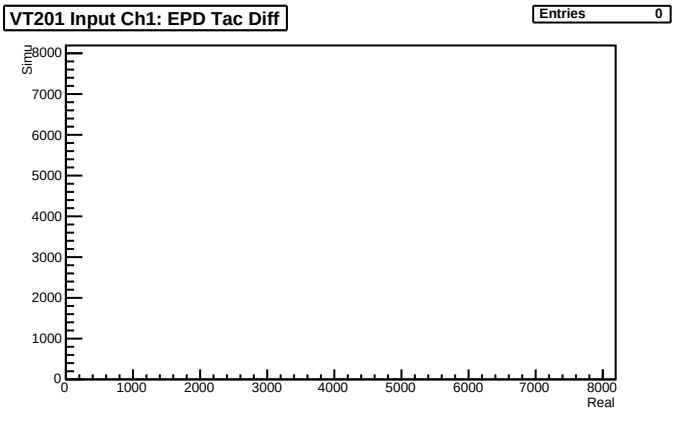

VT201 Input Ch0: BBC Small Tac Diff
Entries 364392
Tac

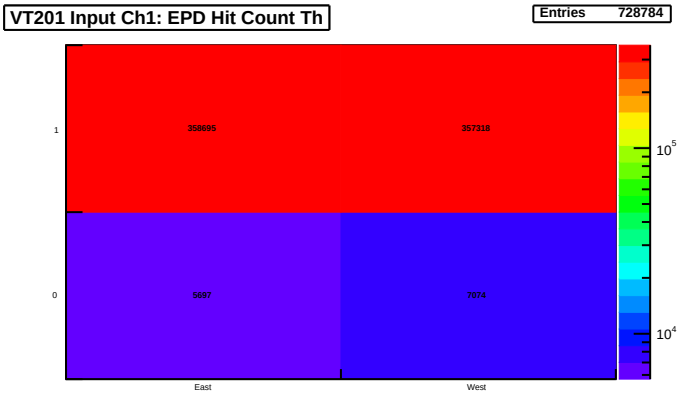

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

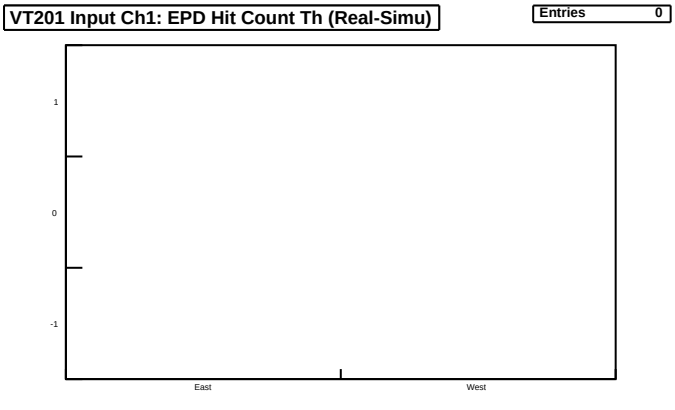

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 728784
278668
308998
85724
55394
East
West

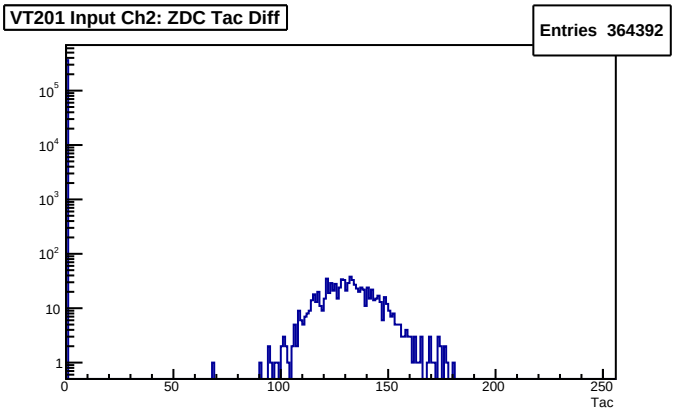

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

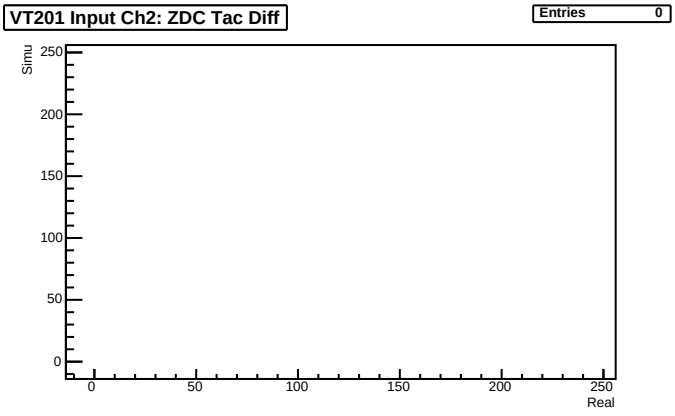

VT201 Input Ch1: EPD Tac Diff
Entries 364392
Tac

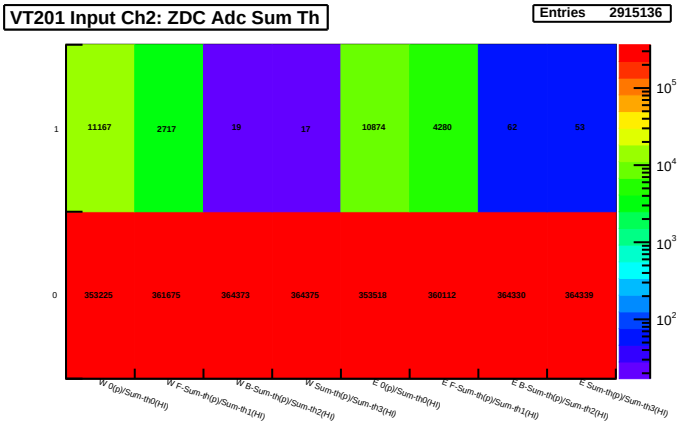

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

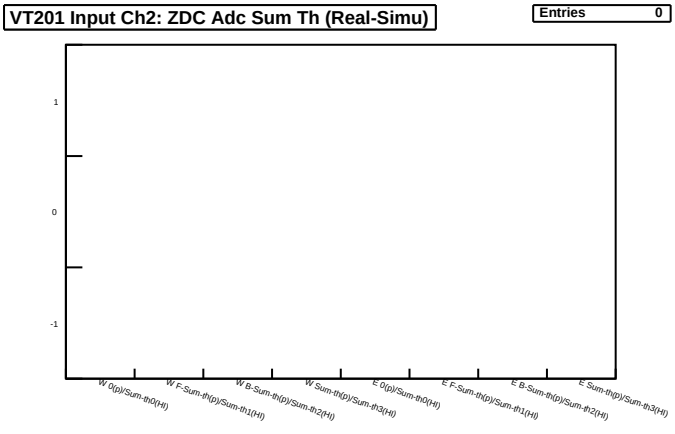

VT201 Input Ch1: EPD Hit Count Th
Entries 728784
358695
357318
5697
7074
East
West

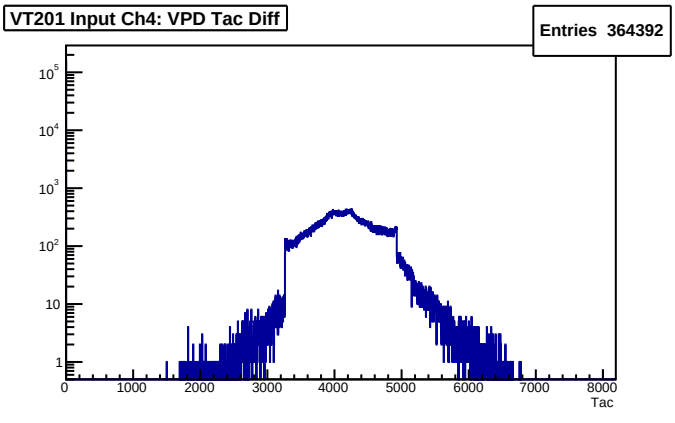

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

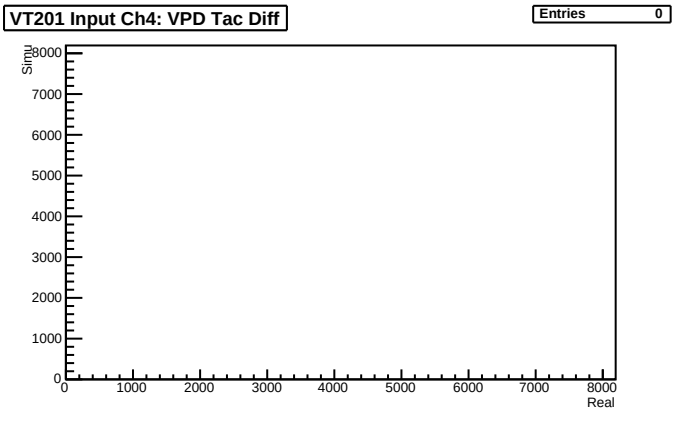

VT201 Input Ch2: ZDC Tac Diff
Entries 364392
Tac

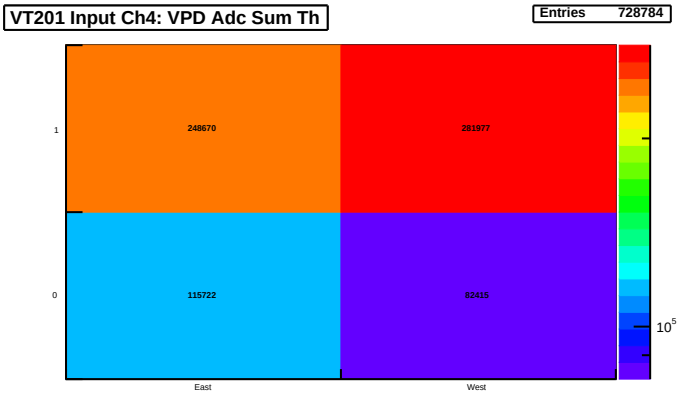

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

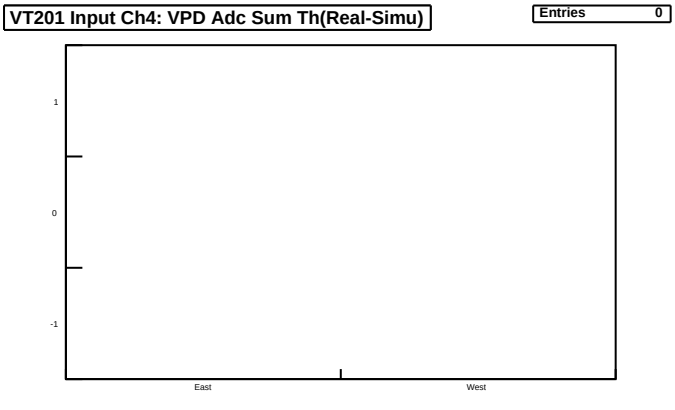

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2915136
11167
2717
19
17
10874
4280
62
53
353225
361675
364373
364375
353518
360112
364330
364339
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

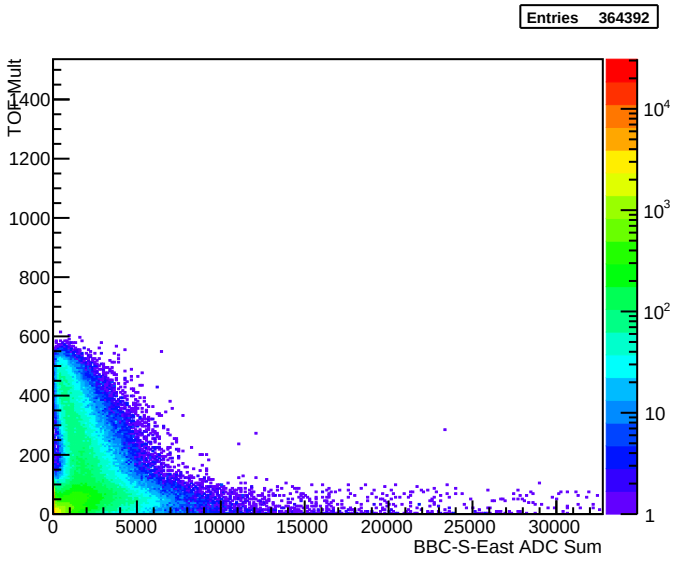

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

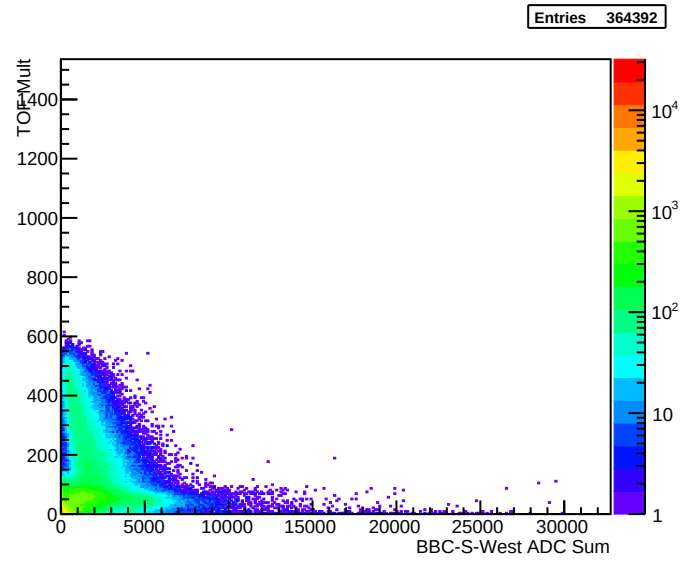

VT201 Input Ch4: VPD Tac Diff
Entries 364392
Tac

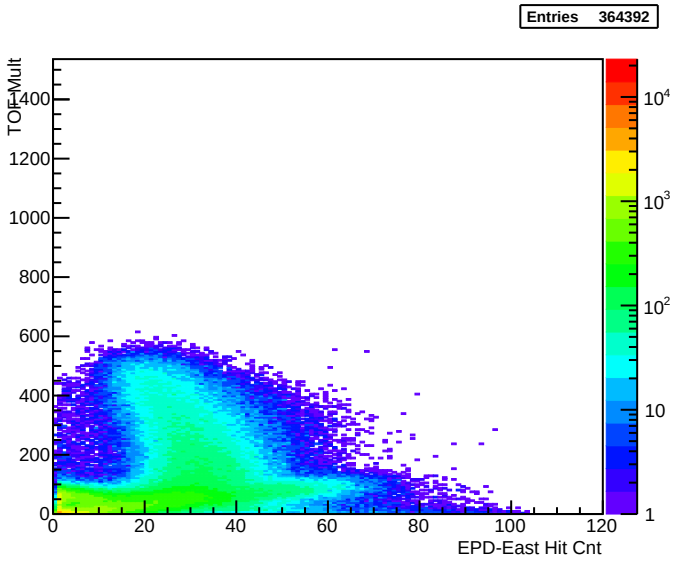

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

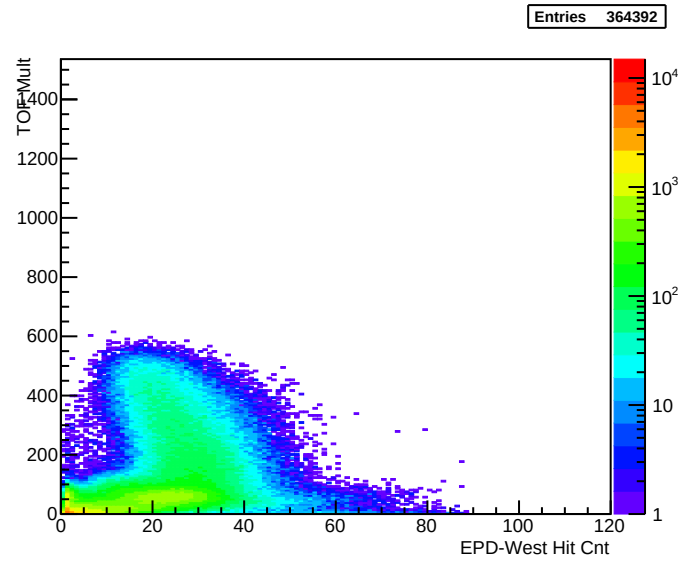

VT201 Input Ch4: VPD Adc Sum Th
Entries 728784
248670
281977
115722
82415
East
West

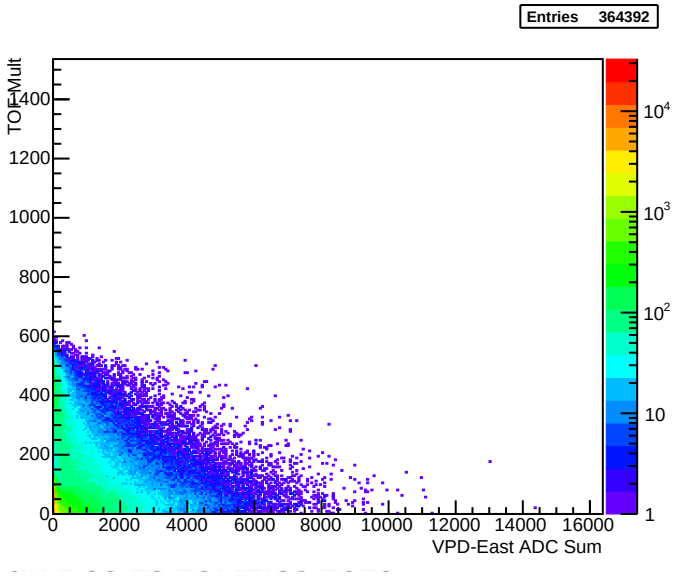

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

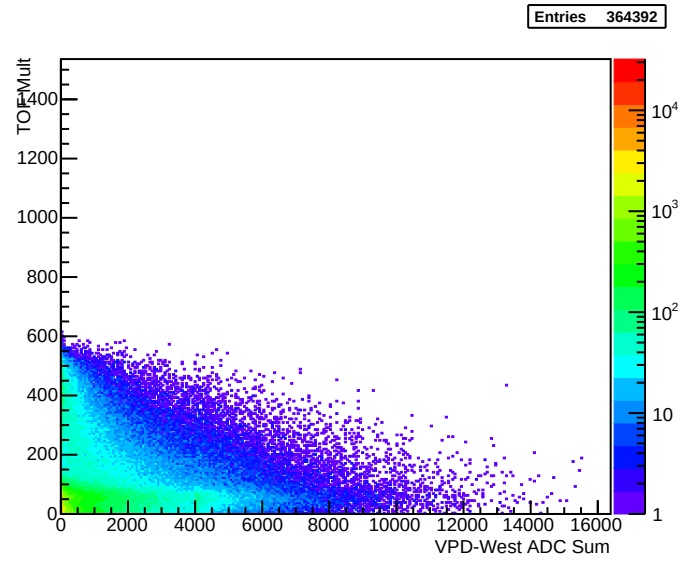

Entries 364392
TOF-Mult
BBC-S-East ADC Sum

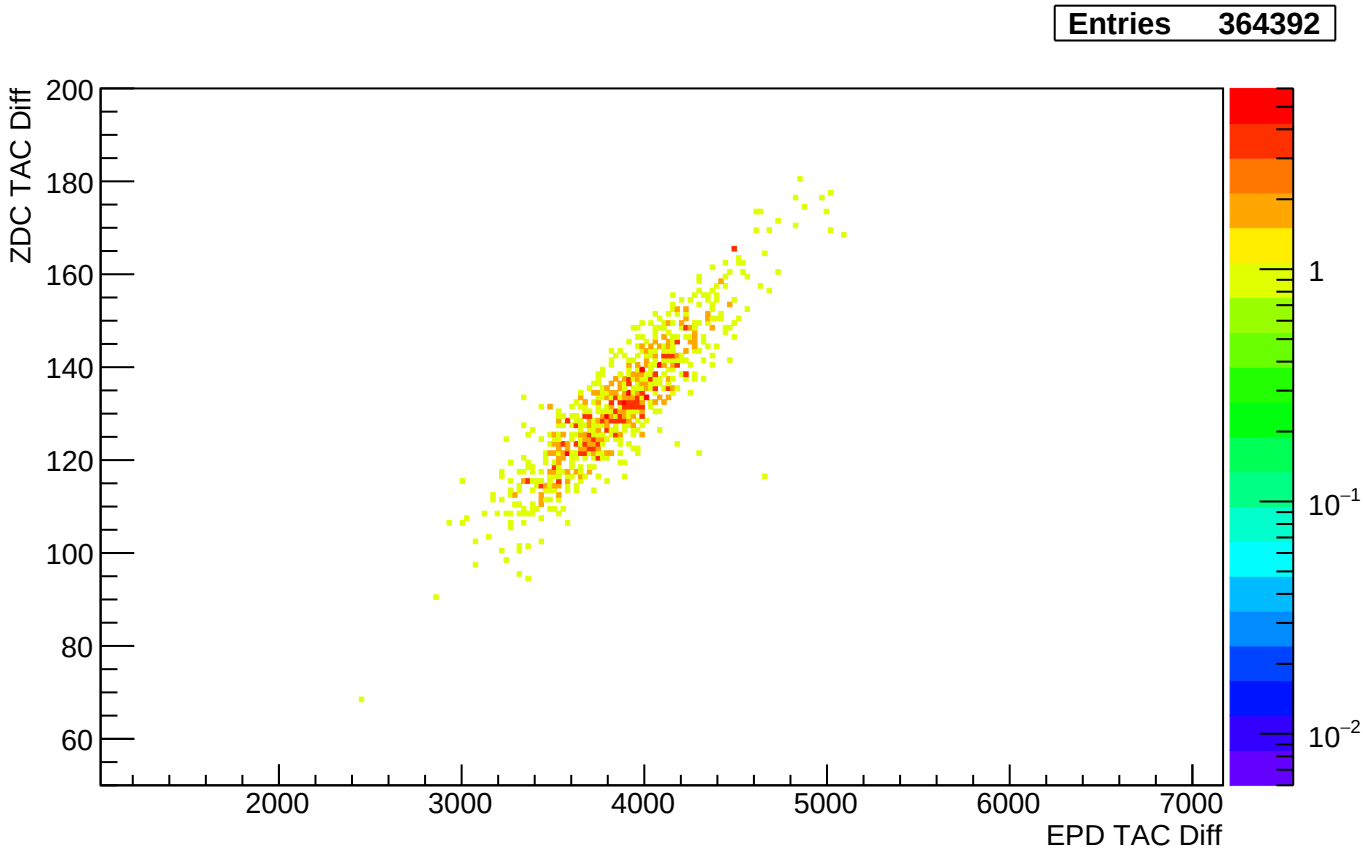

Entries 364392
TOF-Mult
BBC-S-West ADC Sum

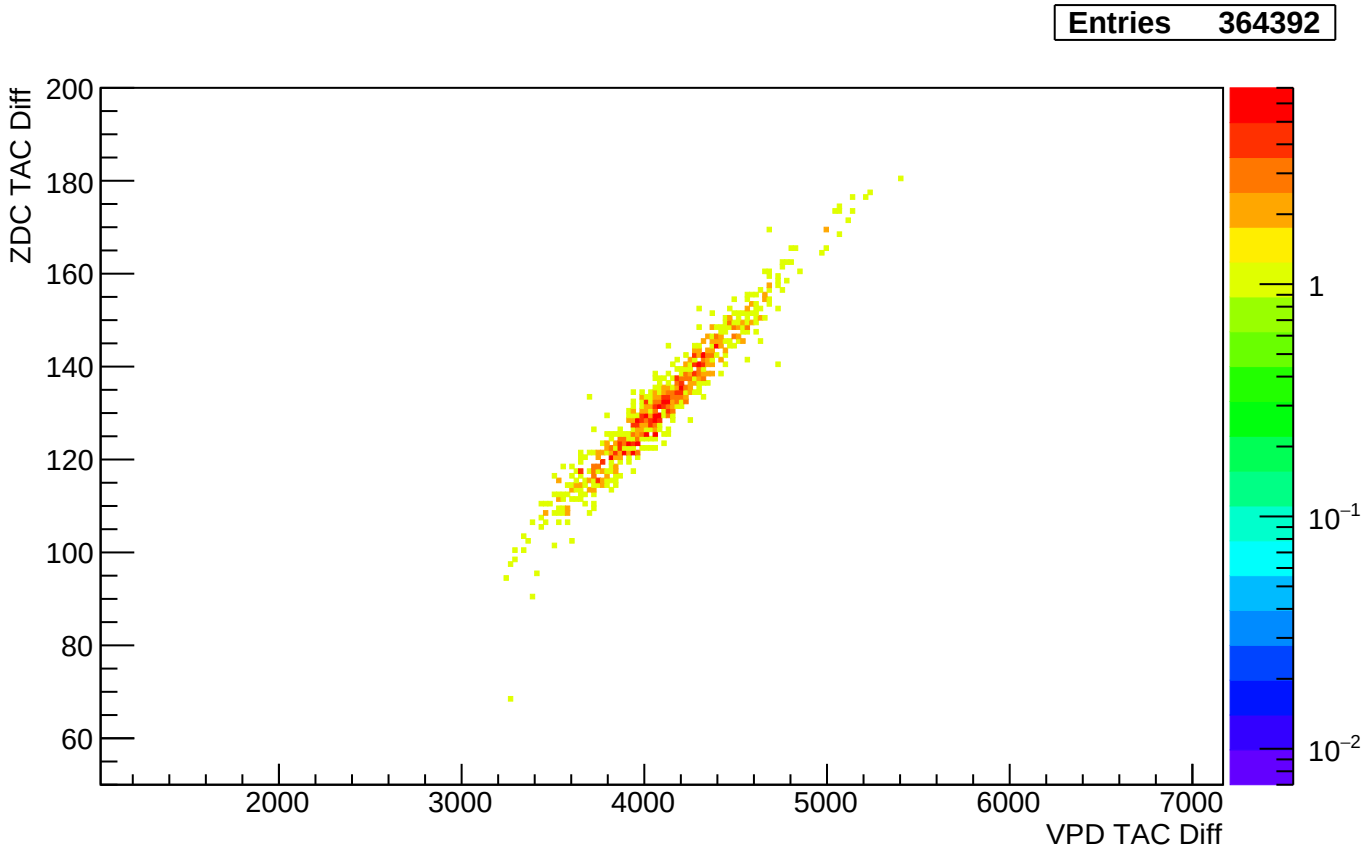

Entries 364392
TOF-Mult
EPD-East Hit Cnt

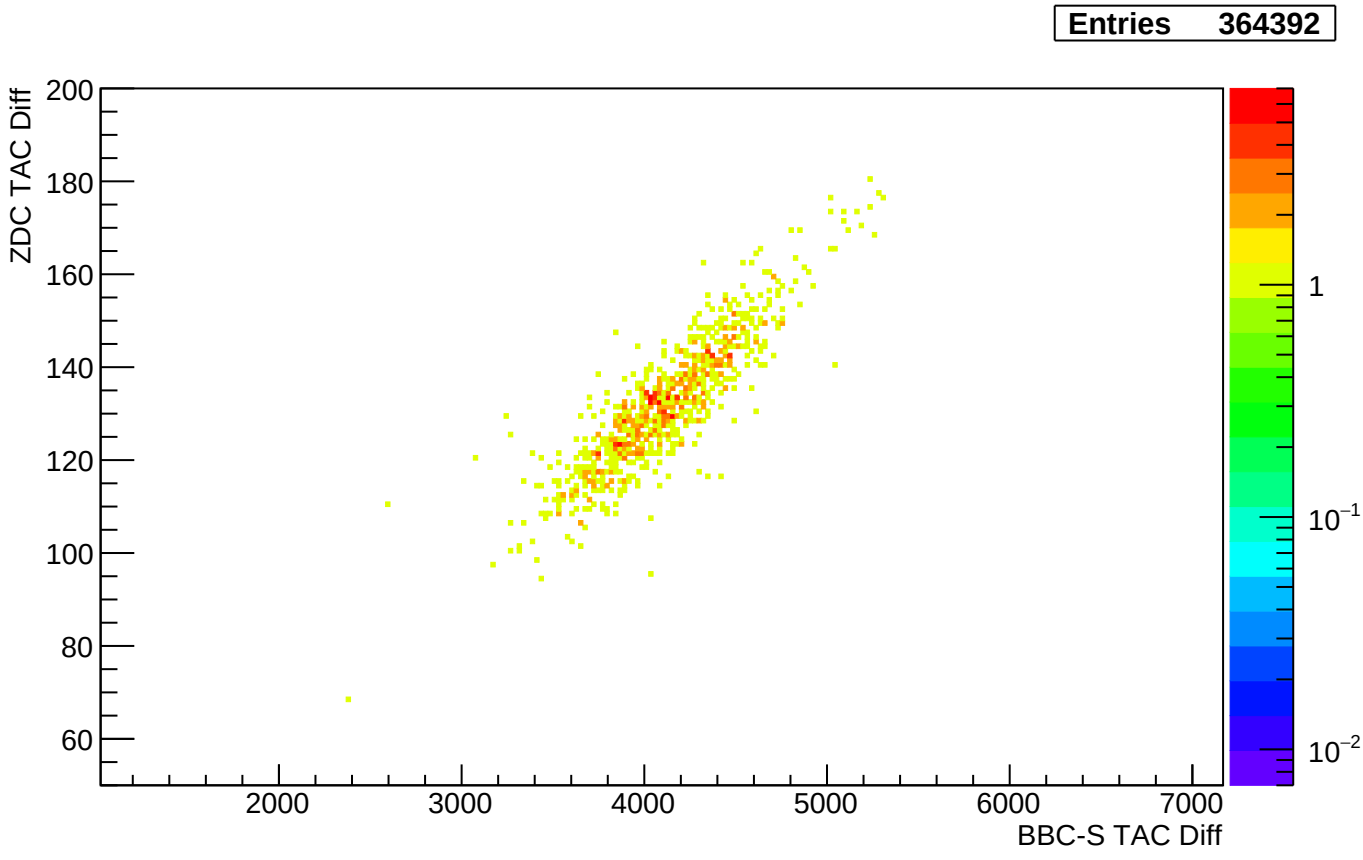

Entries 364392
TOF-Mult
EPD-West Hit Cnt

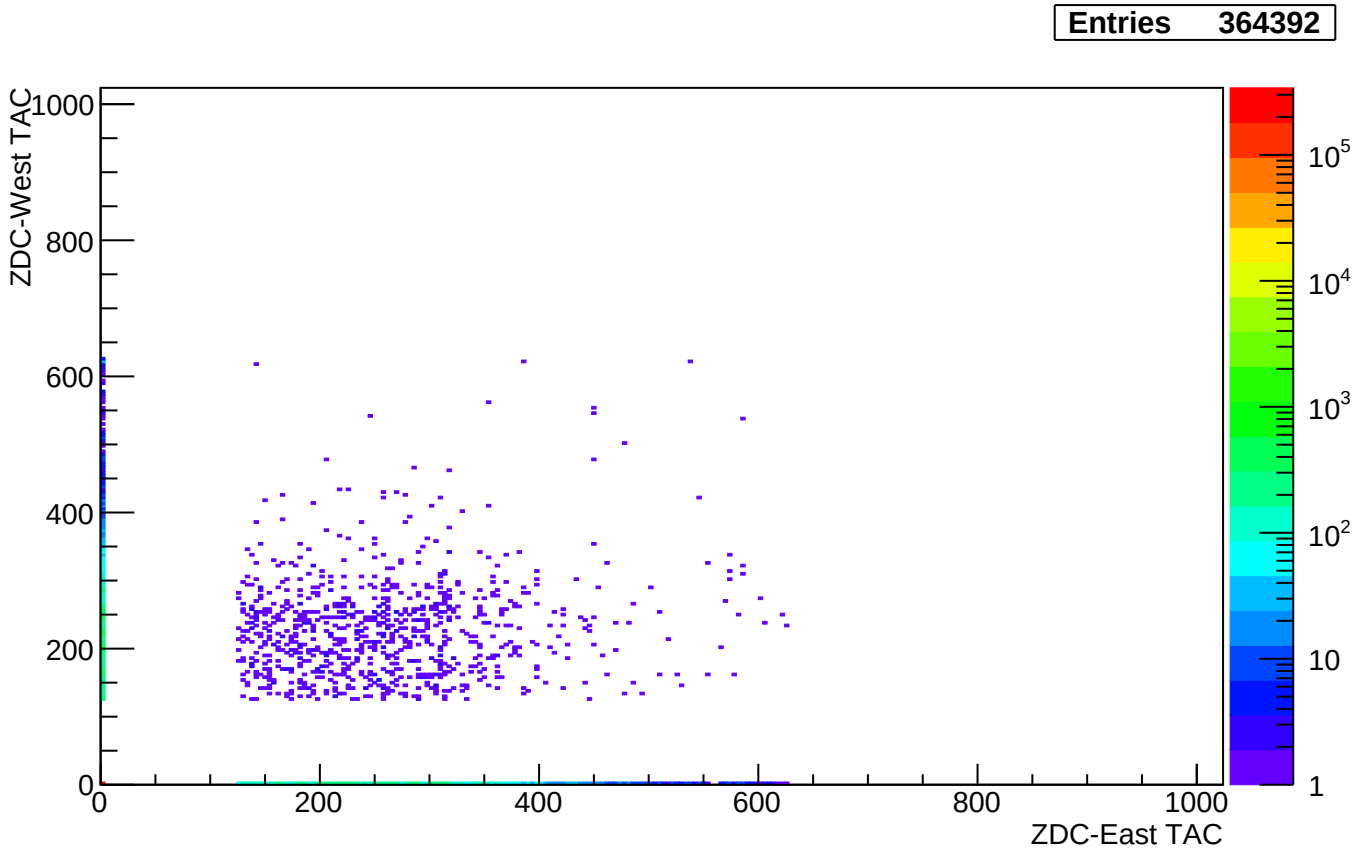

Entries 364392
TOF-Mult
VPD-East ADC Sum

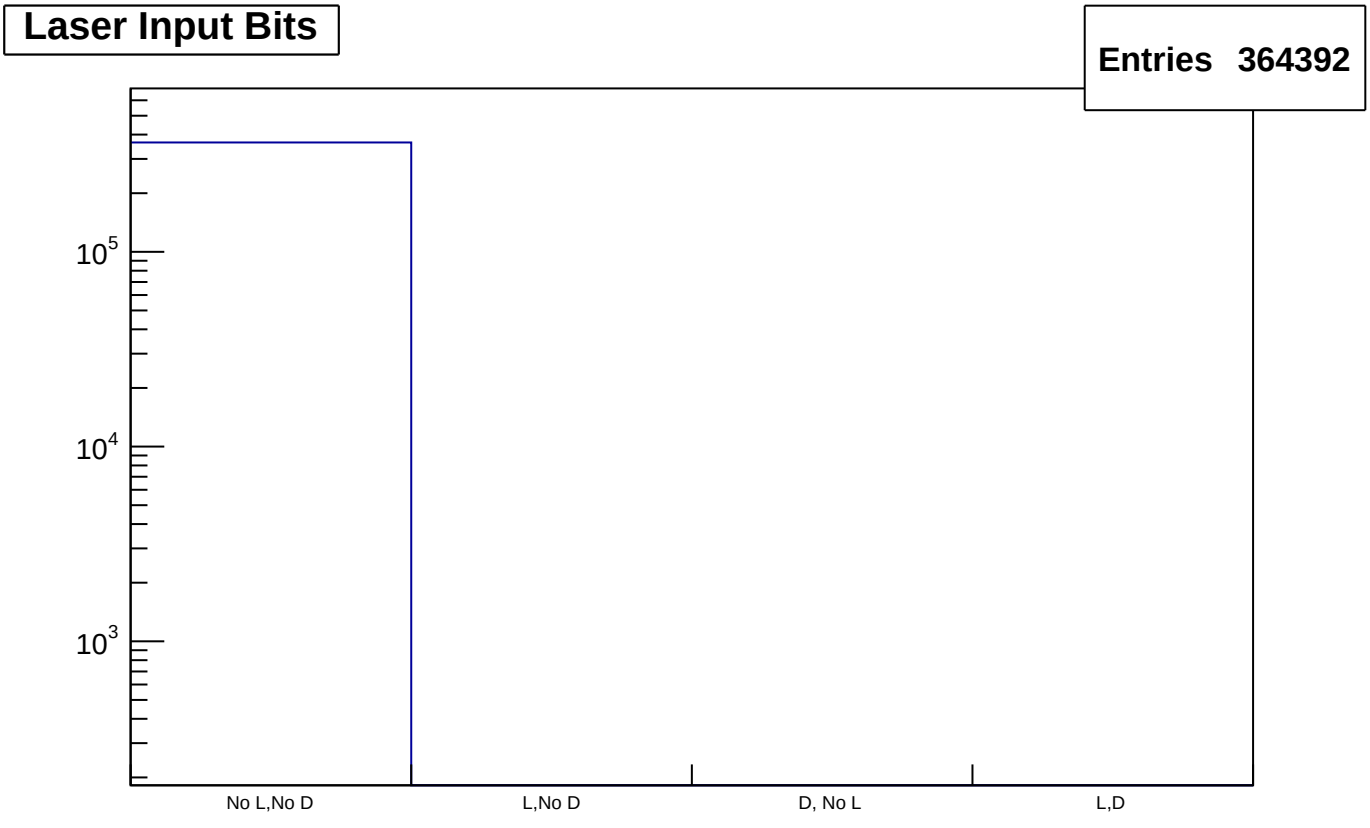

Entries 364392
TOF-Mult
VPD-West ADC Sum

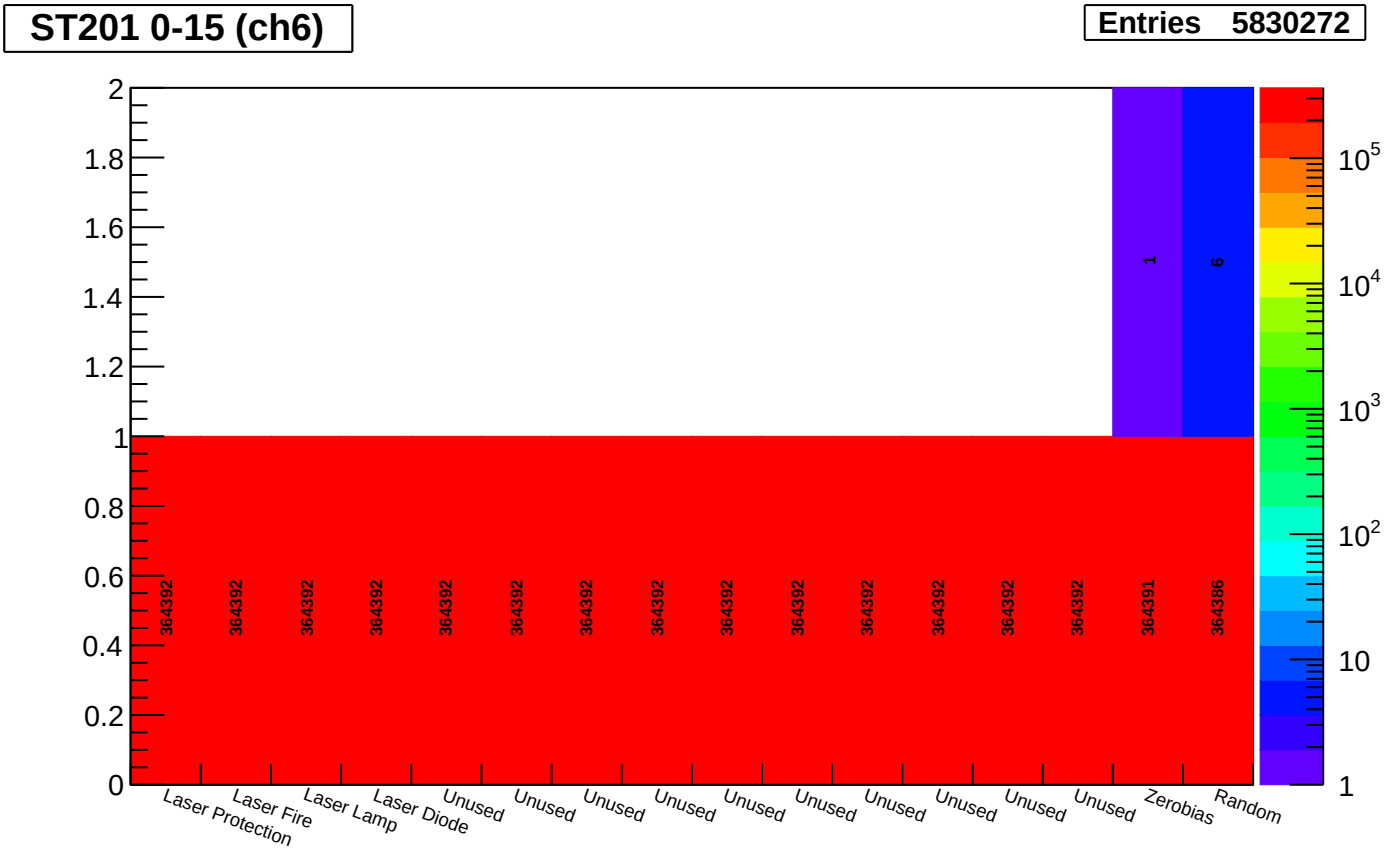

Entries 364392
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

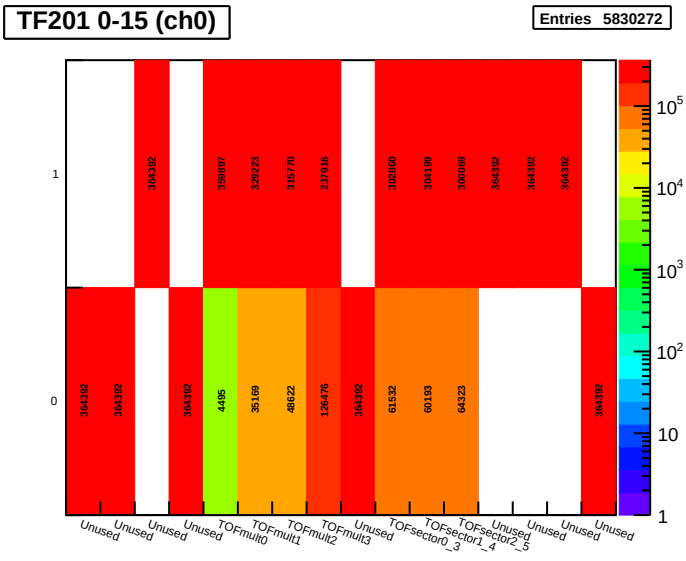

Entries 364392
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

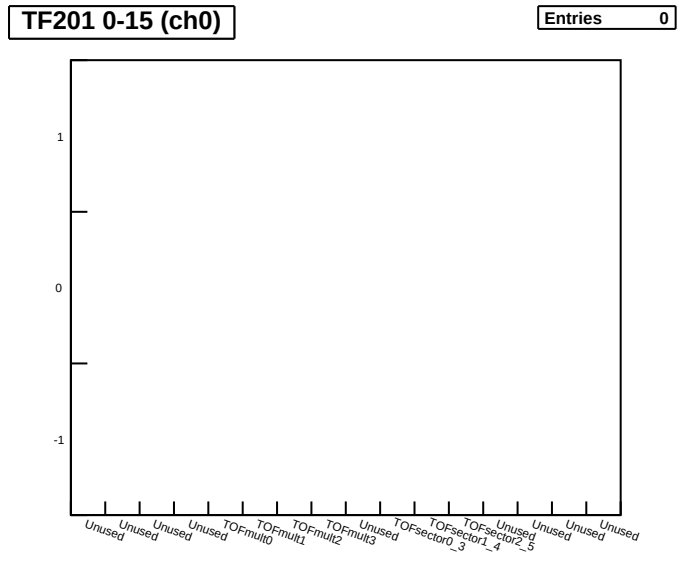

Entries 364392
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

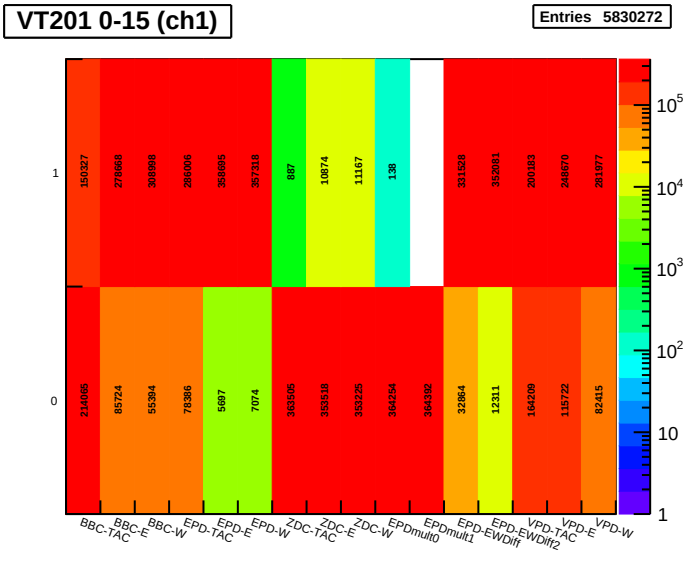

Entries 364392
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

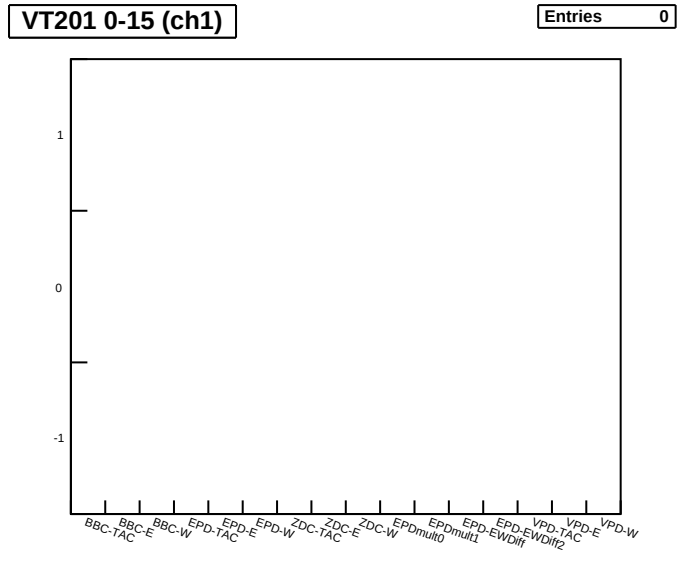

Laser Input Bits
Entries 364392
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

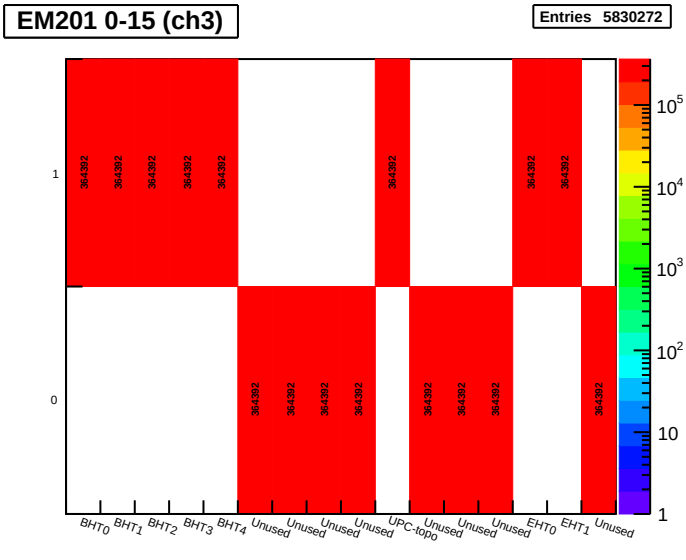

ST201 0-15 (ch6)
Entries 5830272
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
364392
364392
364392
364392
364392
364392
364392
364392
364392
364392
364392
364392
364392
364392
364391
364386
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

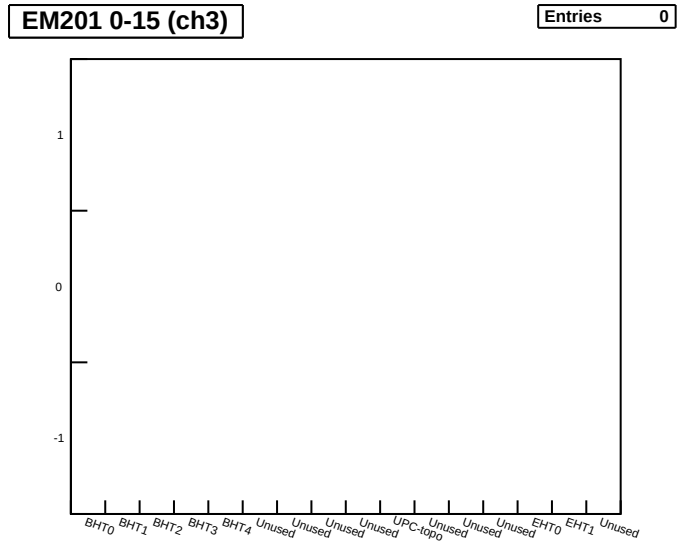

TF201 0-15 (ch0)
Entries 5830272
1
0
364392 364392 364392 364392 364392 339897 329223 315770 237916 364392 364392 364392 364392 364392 364392 364392 364392 364392 364392 4495 35169 48622 126476 364392 61532 60193 64323 364392
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 5830272
1
0
150327 278668 308998 286006 358695 357318 887 10874 11167 138 331528 352081 200183 248670 281977
214065 85724 55394 78386 5697 7074 363505 353518 353225 364254 364392 32864 12311 164209 115722 82415
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 5830272
1
0
364392 364392 364392 364392 364392 364392 364392 364392 364392 364392 364392 364392 364392 364392 364392 364392 364392 364392 364392 364392
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


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