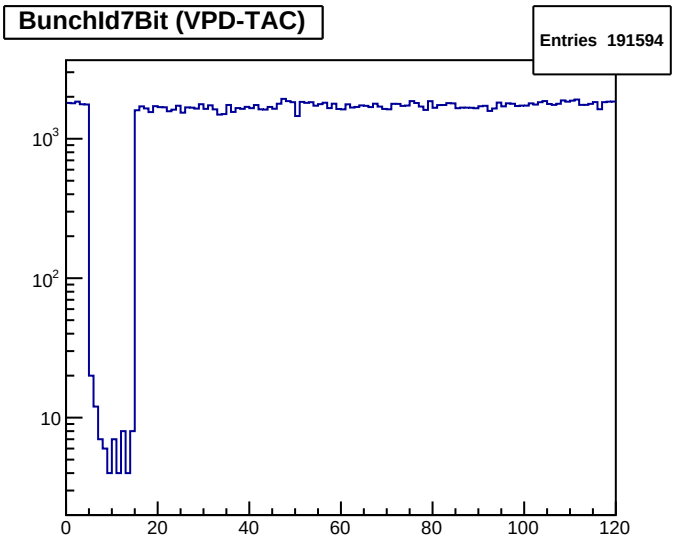
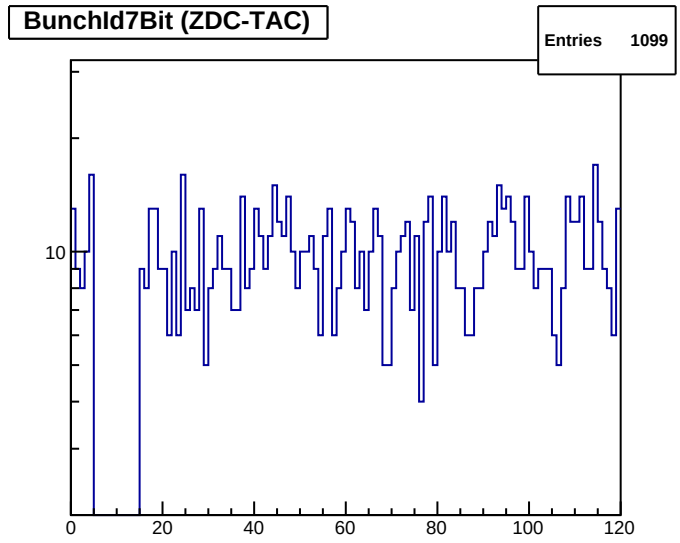
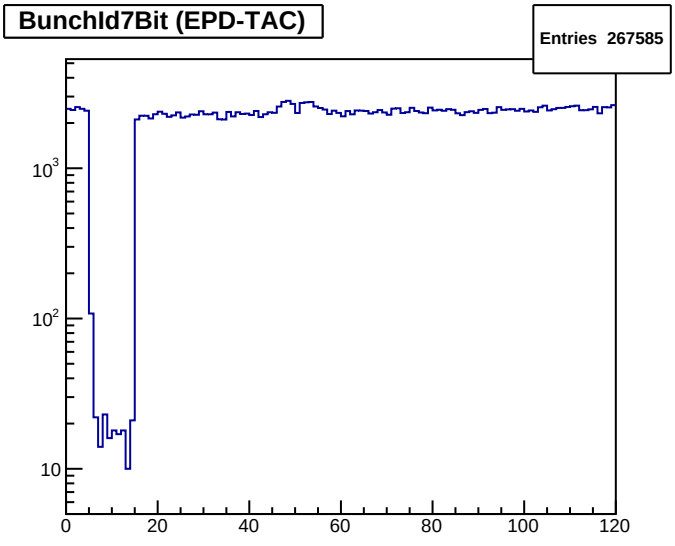
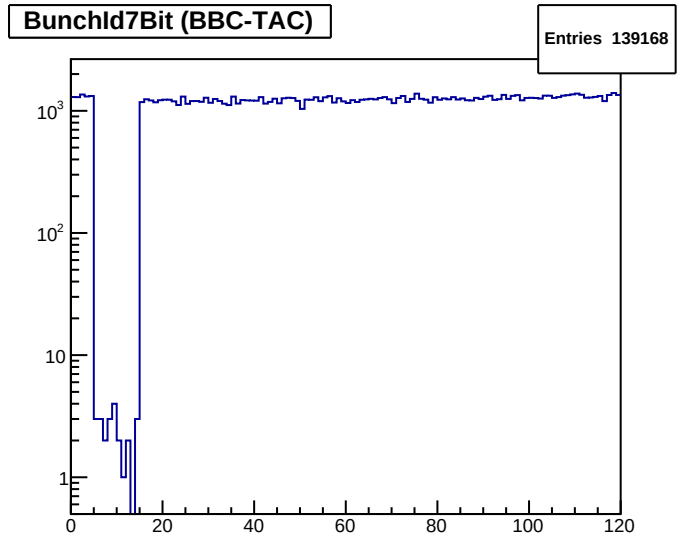
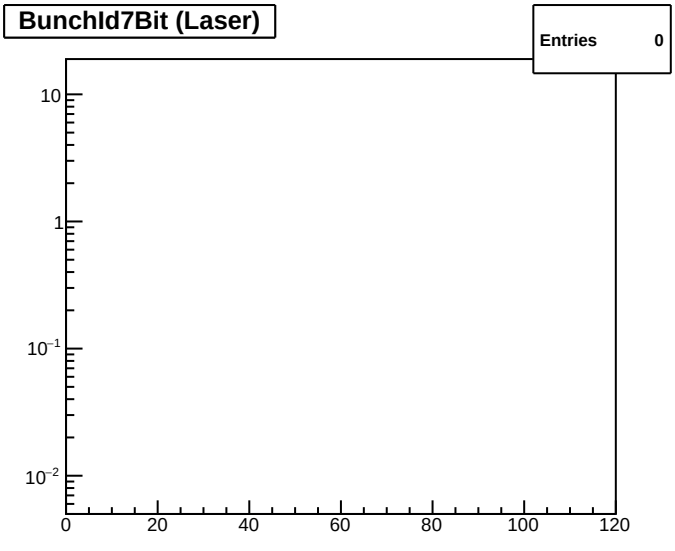
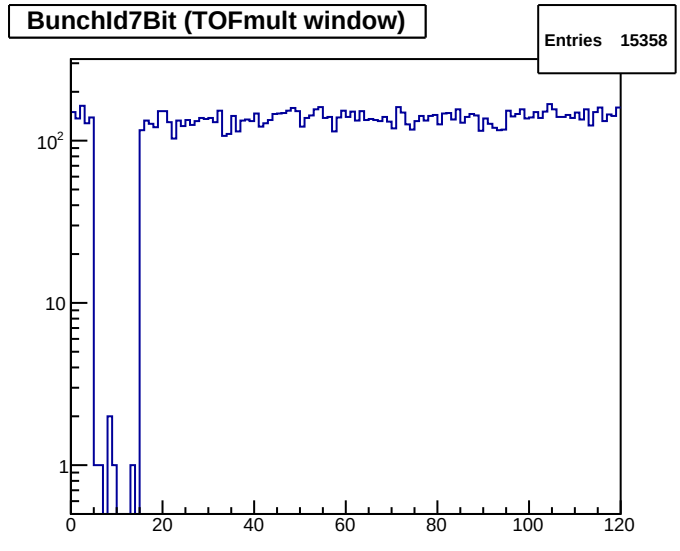

BunchId7Bit (VPD-TAC)
Entries 191594

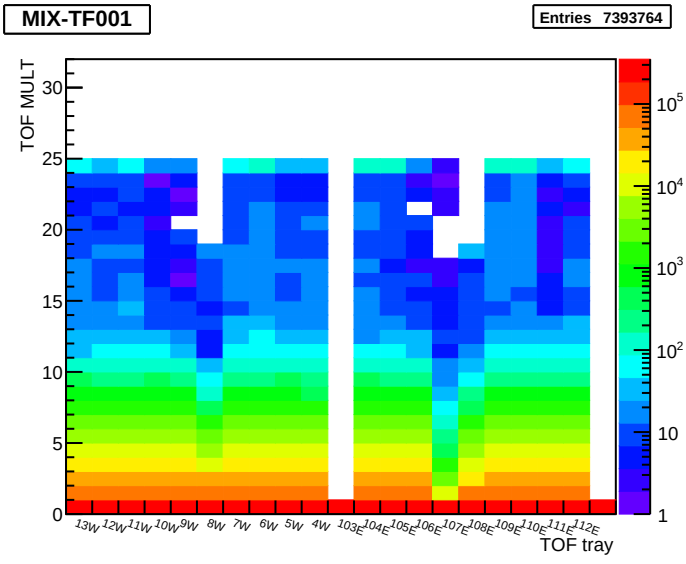

BunchId7Bit (ZDC-TAC)
Entries 1099

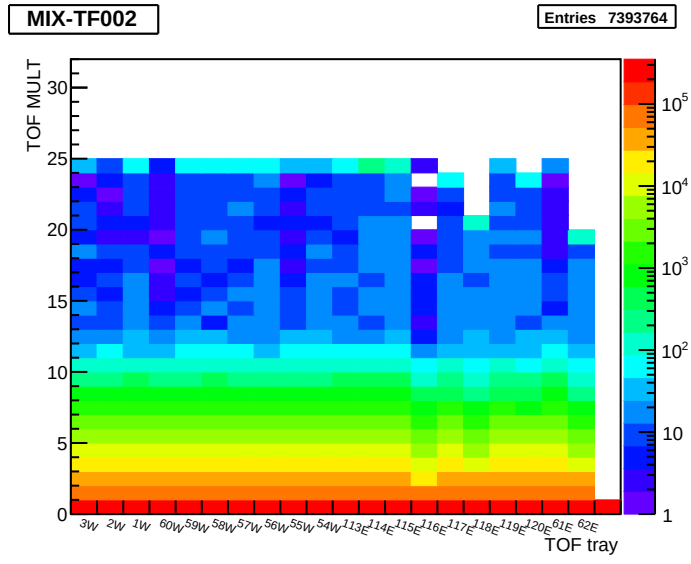

BunchId7Bit (EPD-TAC)
Entries 267585

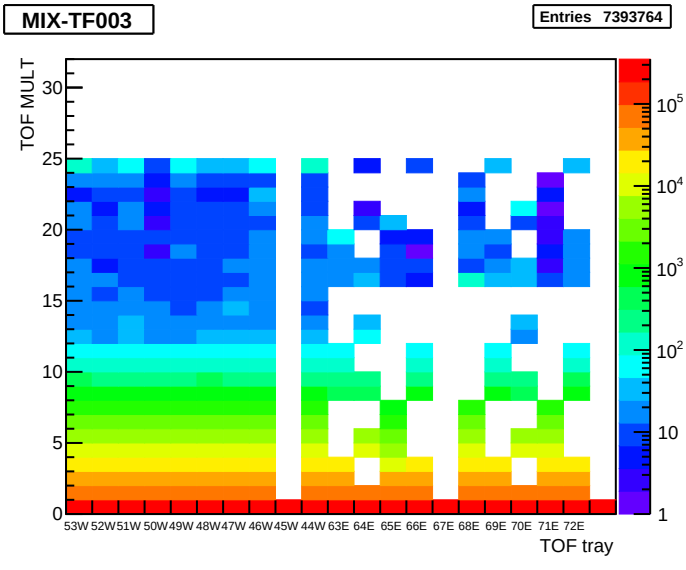

BunchId7Bit (BBC-TAC)
Entries 139168

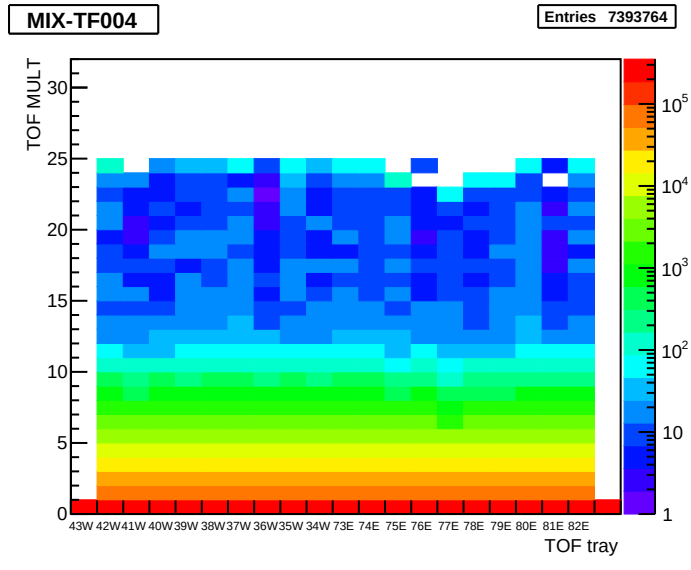

BunchId7Bit (Laser)
Entries 0

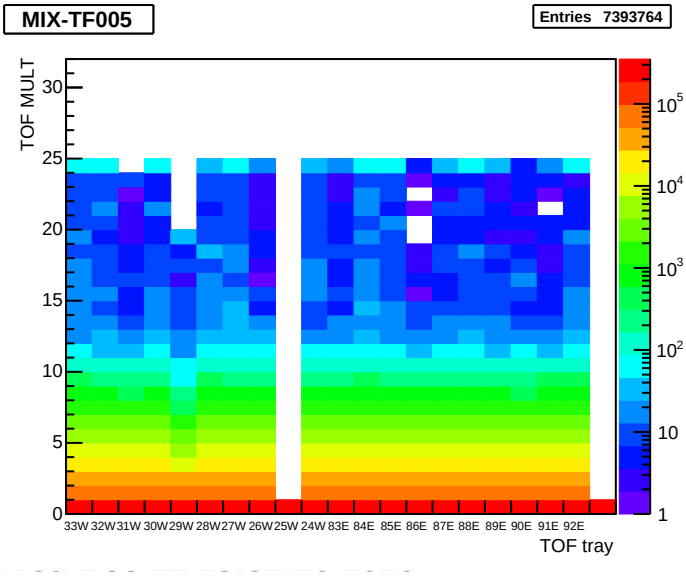

BunchId7Bit (TOFmult window)
Entries 15358

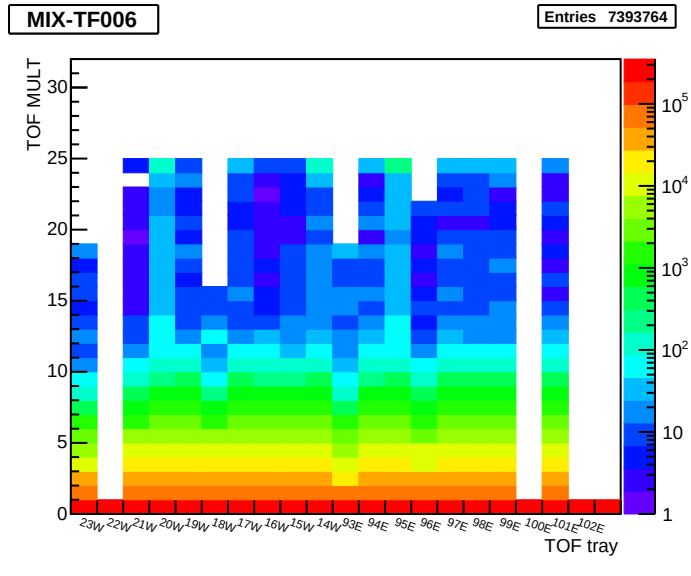

MIX-TF001
Entries 7393764
TOF MULT
TOF tray

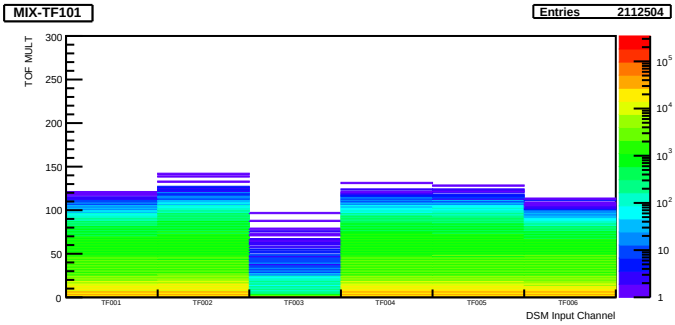

MIX-TF002
Entries 7393764
TOF MULT
TOF tray

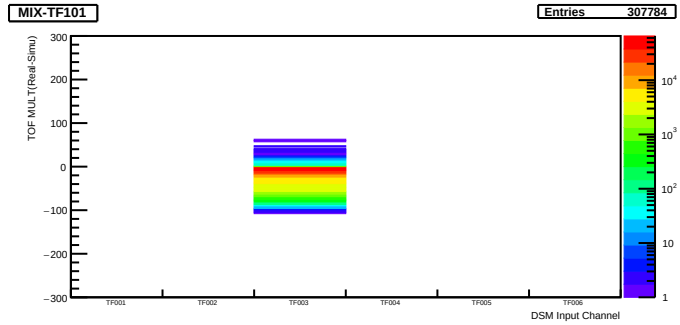

MIX-TF003
Entries 7393764
TOF MULT
TOF tray

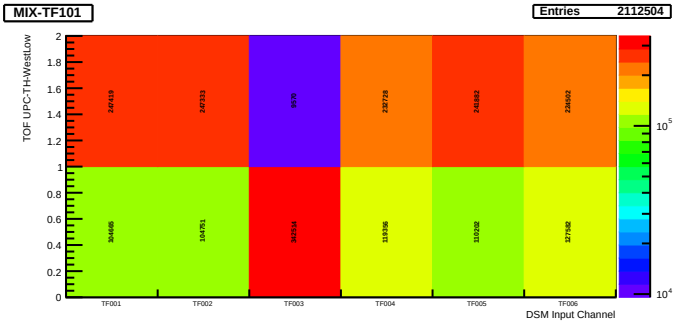

MIX-TF004
Entries 7393764
TOF MULT
TOF tray

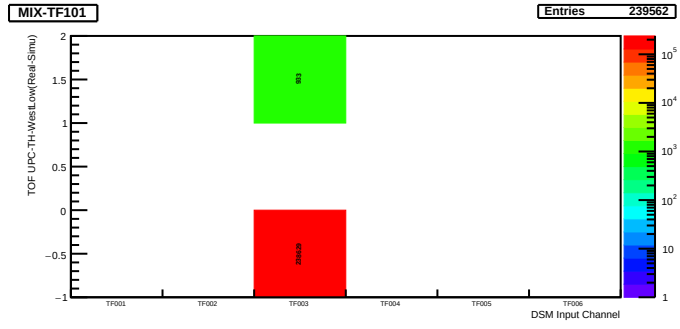

MIX-TF005
Entries 7393764
TOF MULT
TOF tray

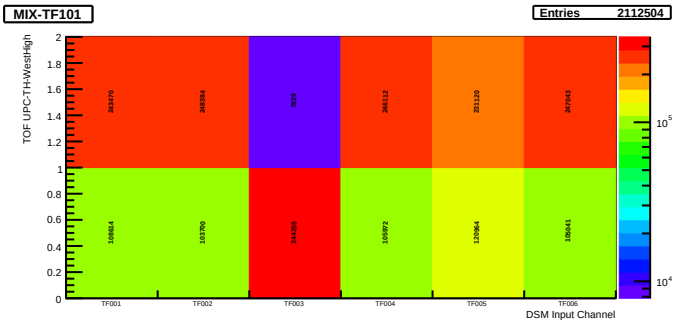

MIX-TF006
Entries 7393764
TOF MULT
TOF tray

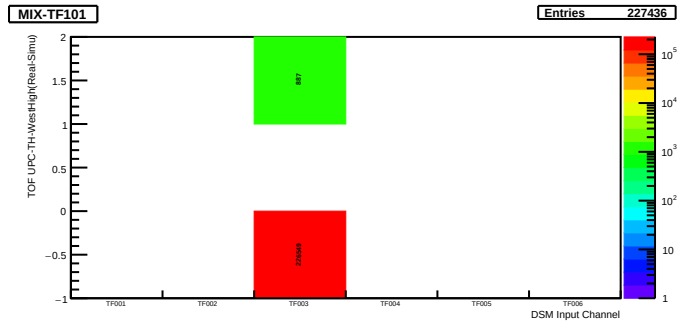

MIX-TF101
Entries 2112504
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

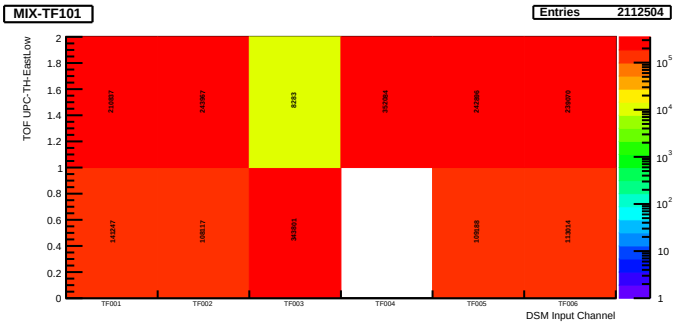

MIX-TF101
Entries 307784
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

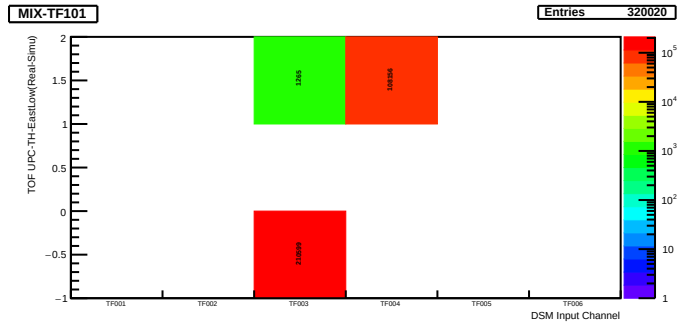

MIX-TF101
Entries 2112504
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

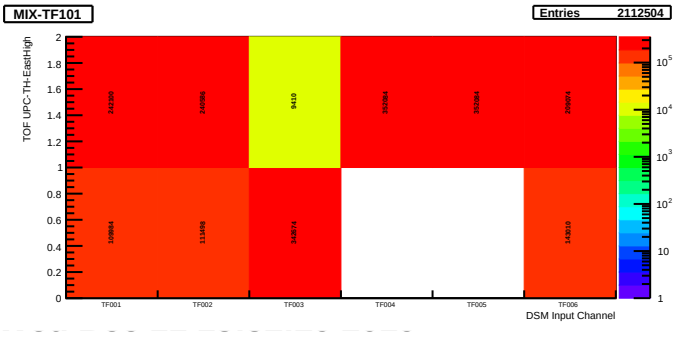

MIX-TF101
Entries 239562
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

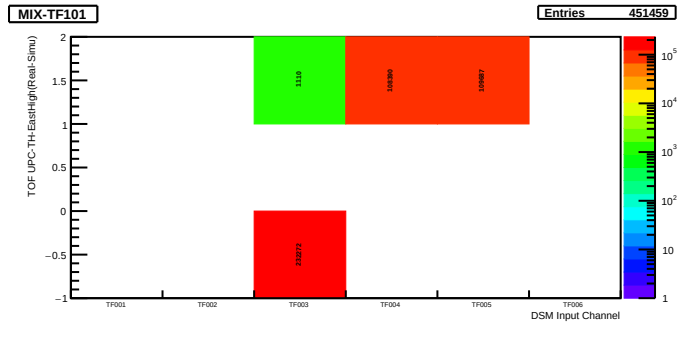

MIX-TF101
Entries 2112504
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

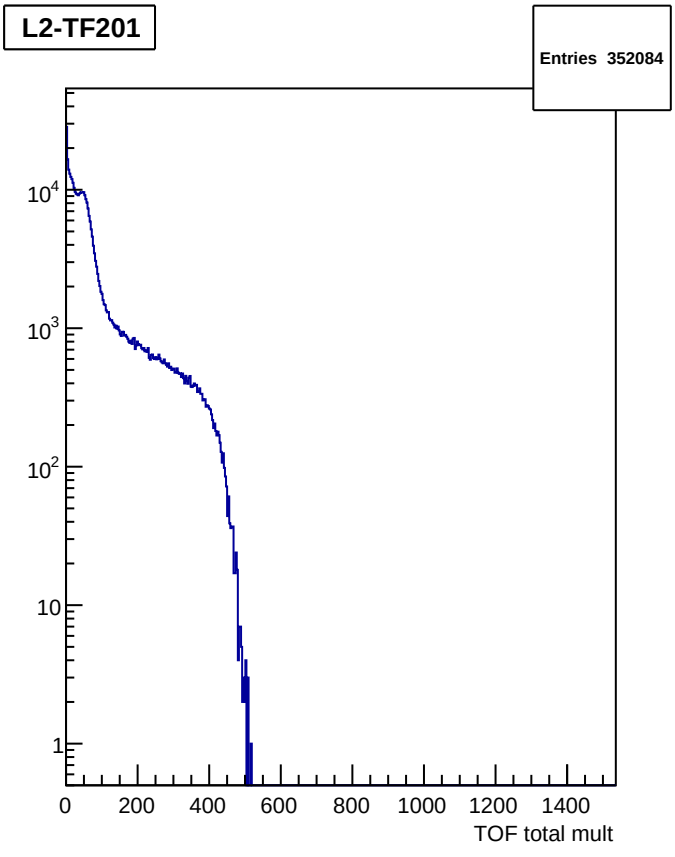

MIX-TF101
Entries 227436
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

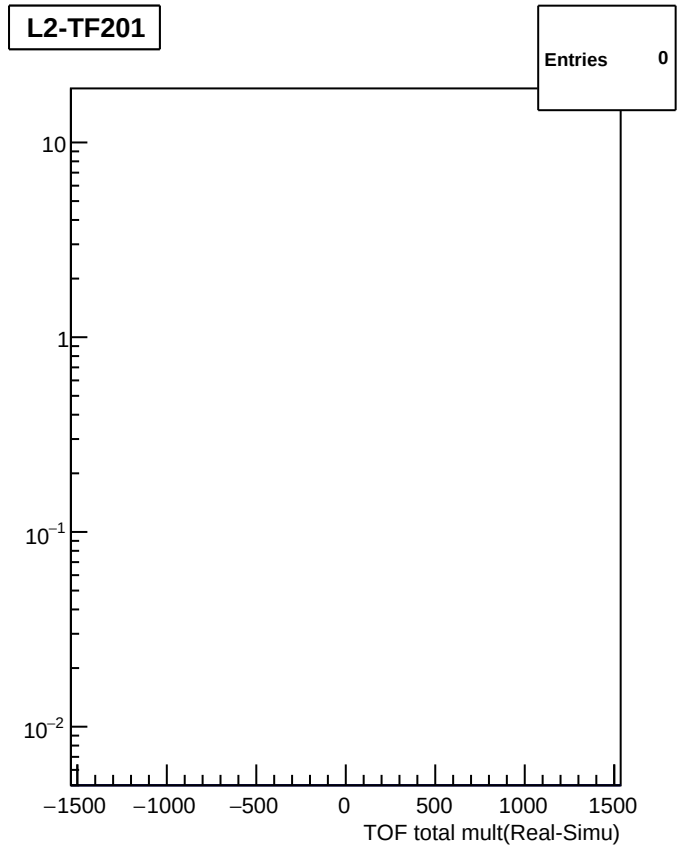

MIX-TF101
Entries 2112504
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

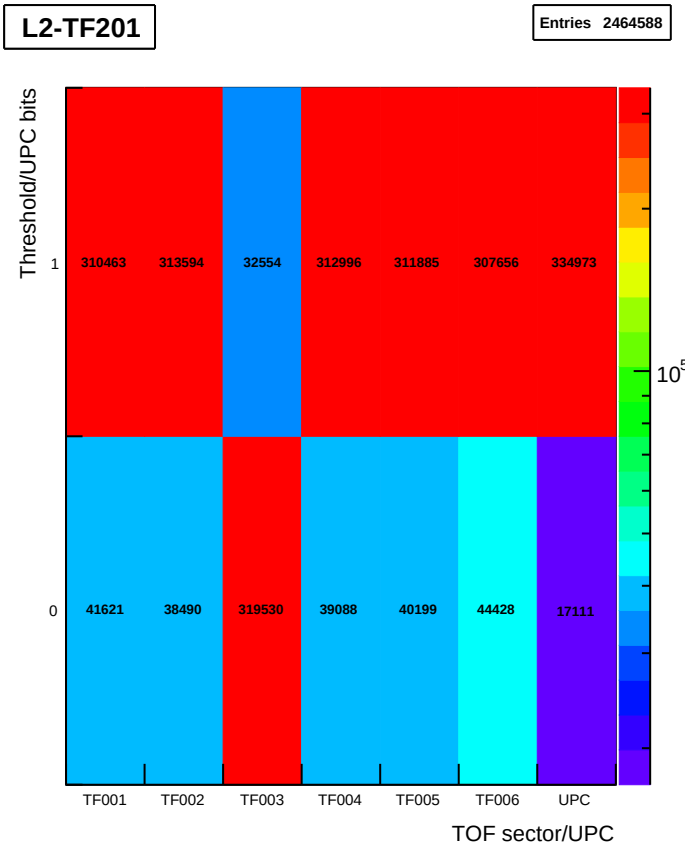

MIX-TF101
Entries 320020
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

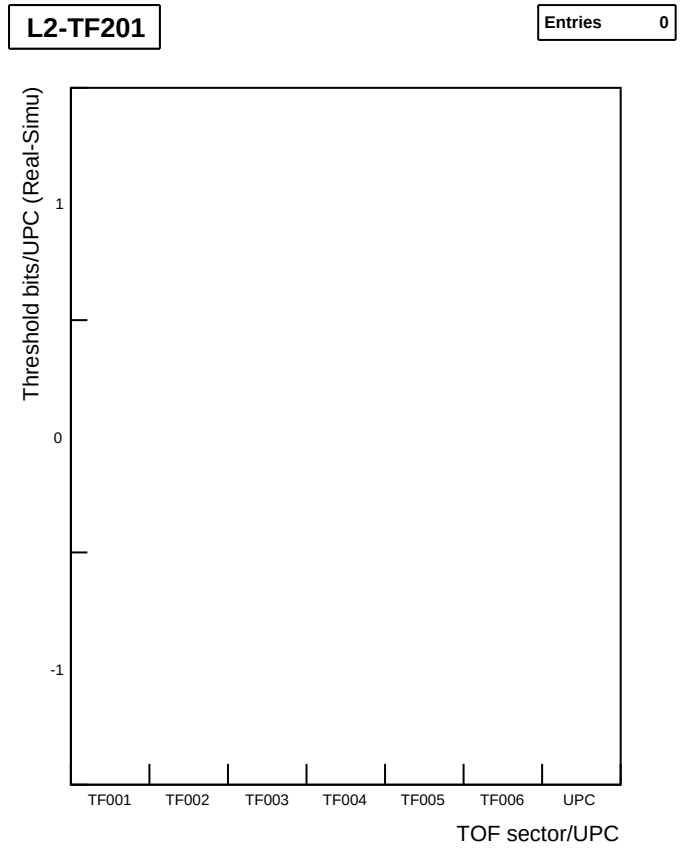

MIX-TF101
Entries 2112504
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

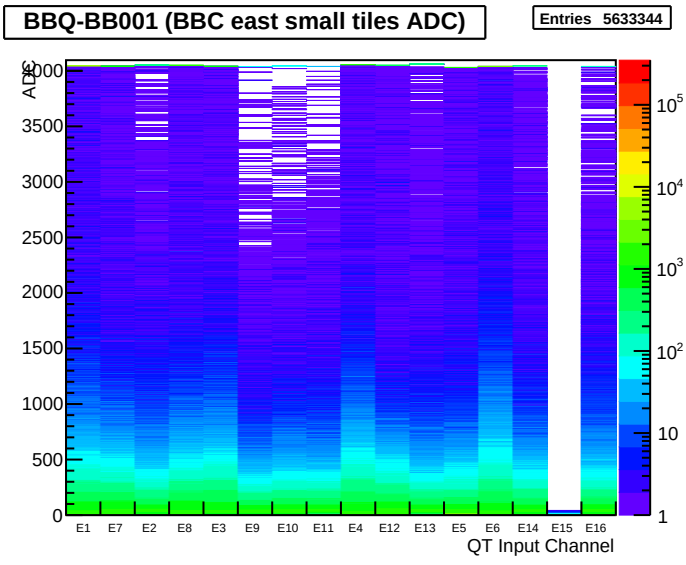

MIX-TF101
Entries 451459
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

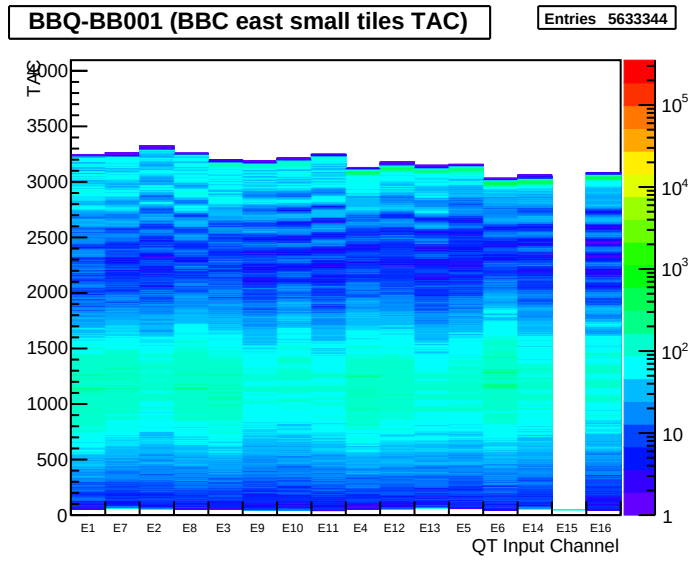

L2-TF201
Entries 352084
TOF total mult

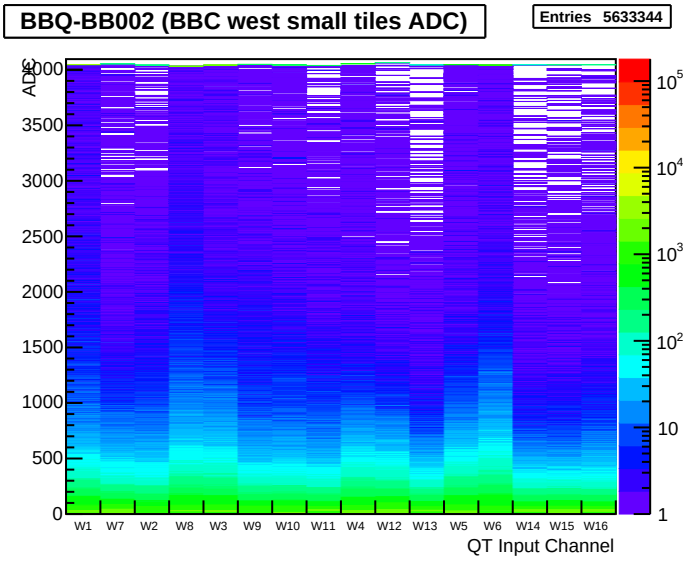

L2-TF201
Entries 0
TOF total mult(Real-Simu)

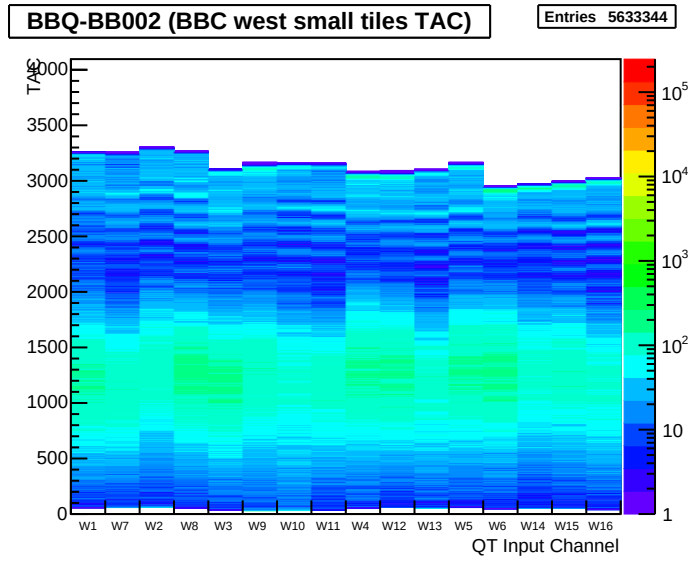

L2-TF201
Entries 2464588
Threshold/UPC bits
310463
313594
32554
312996
311885
307656
334973
41621
38490
319530
39088
40199
44428
17111
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

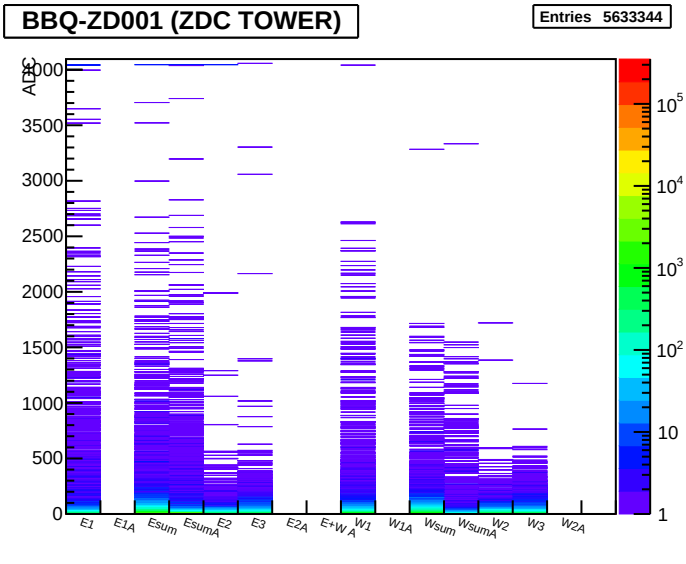

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

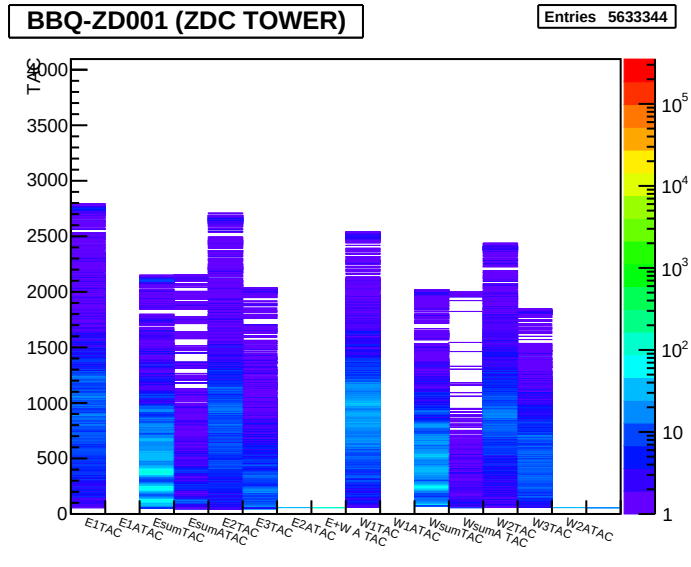

BBQ-BB001 (BBC east small tiles ADC)
Entries 5633344
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

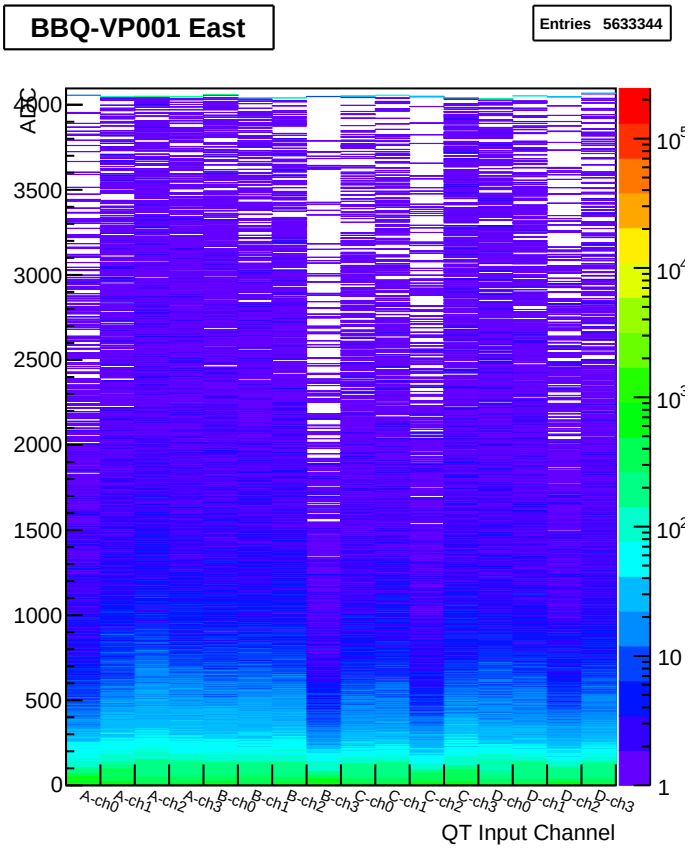

BBQ-BB001 (BBC east small tiles TAC)
Entries 5633344
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

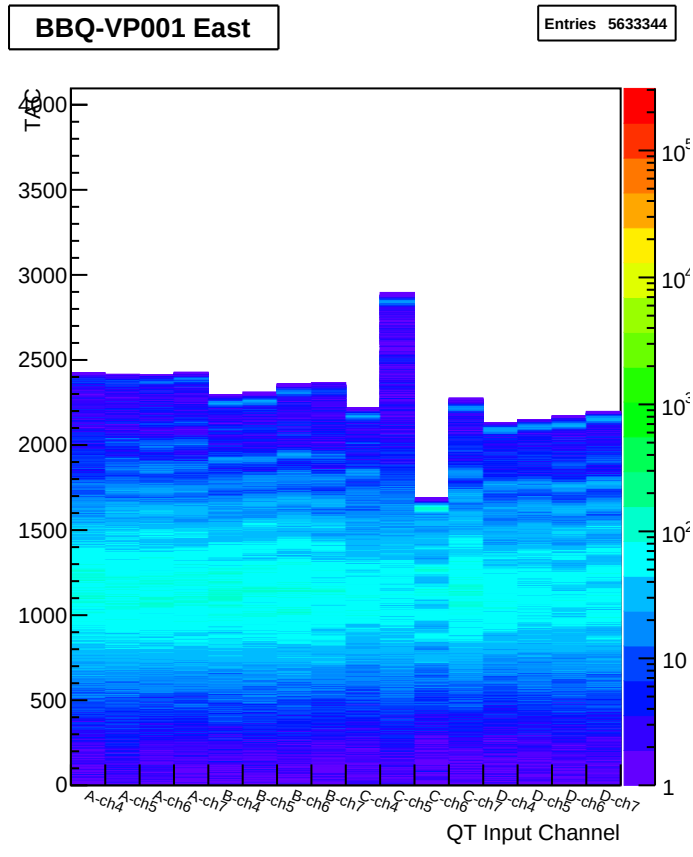

BBQ-BB002 (BBC west small tiles ADC)
Entries 5633344
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

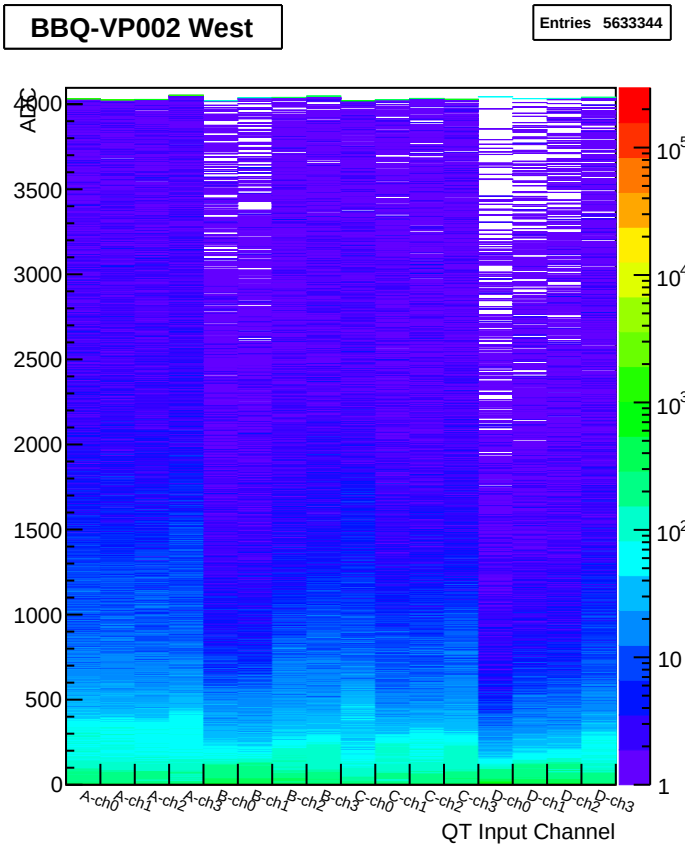

BBQ-BB002 (BBC west small tiles TAC)
Entries 5633344
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

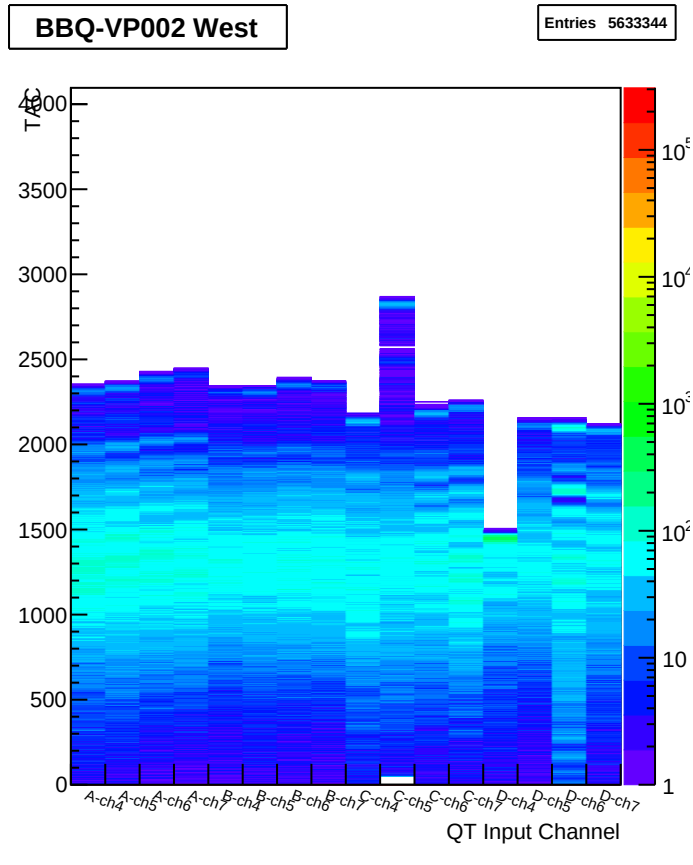

BBQ-ZD001 (ZDC TOWER)
Entries 5633344
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

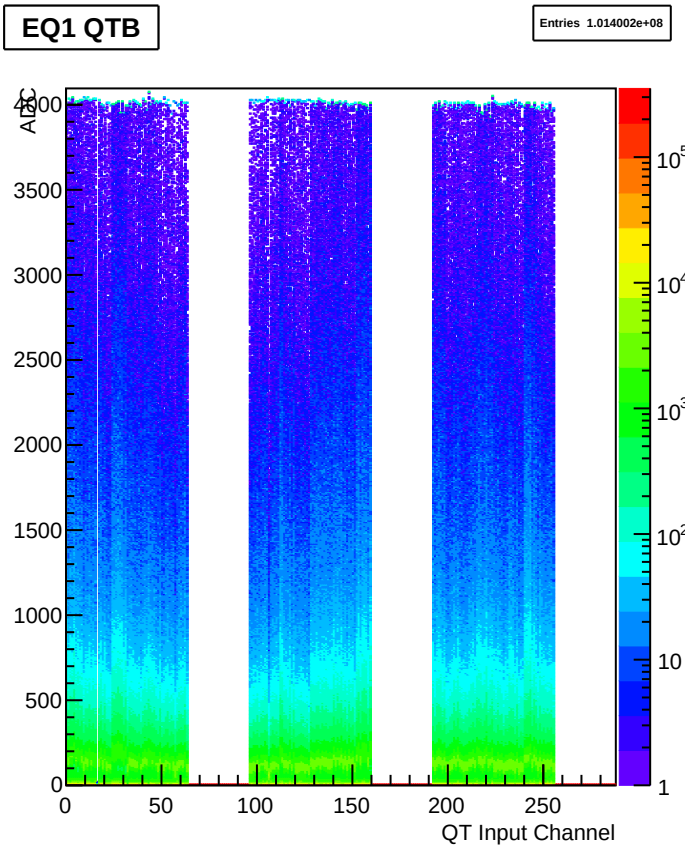

BBQ-ZD001 (ZDC TOWER)
Entries 5633344
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

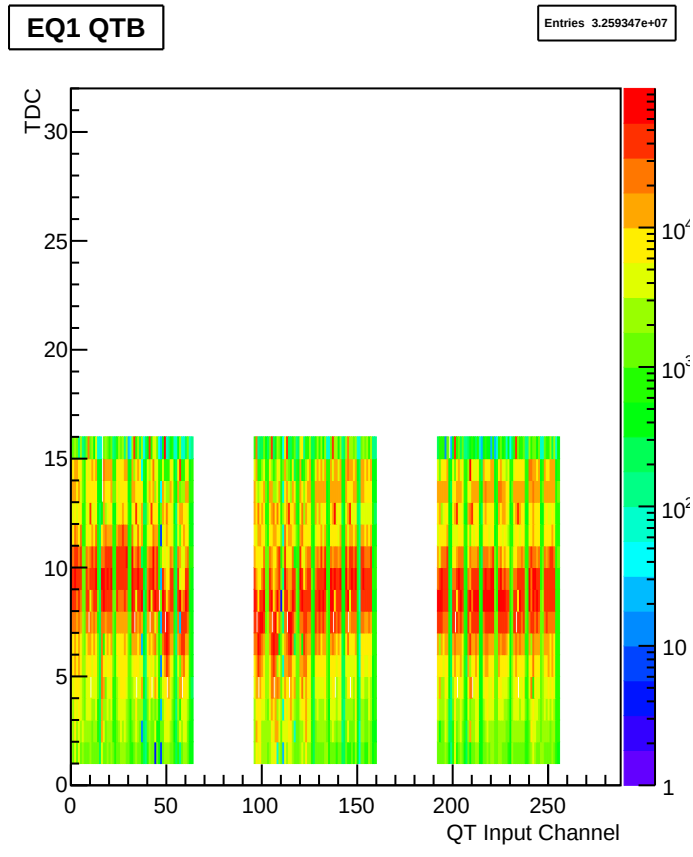

BBQ-VP001 East
Entries 5633344
ADC
QT Input Channel

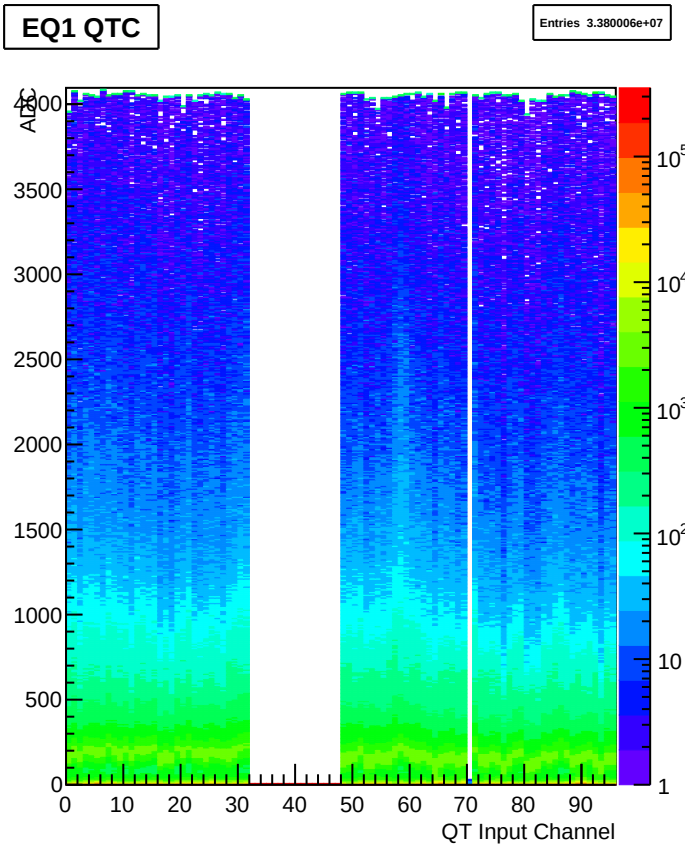

BBQ-VP001 East
Entries 5633344
TADC
QT Input Channel

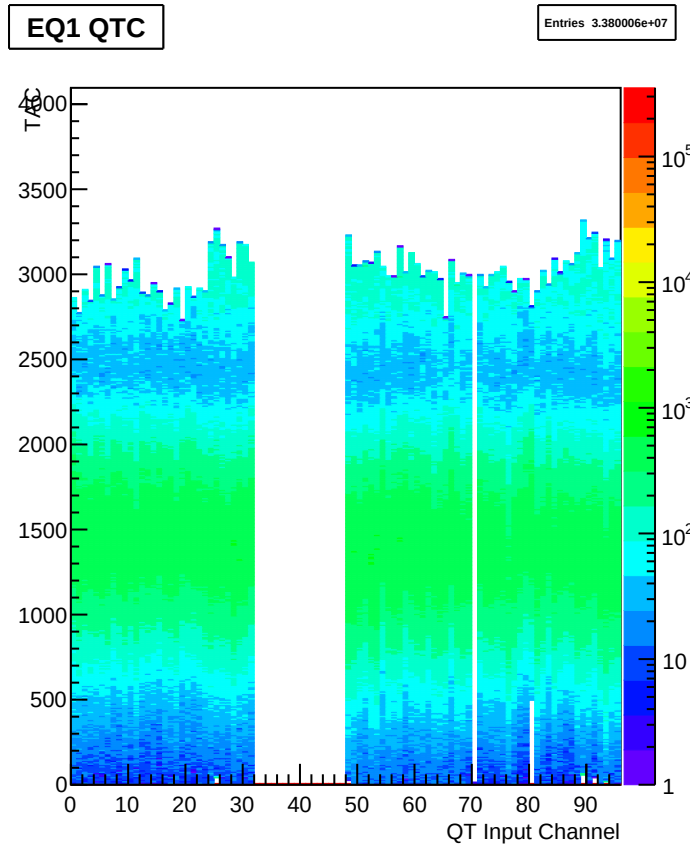

BBQ-VP002 West
Entries 5633344
ADC
QT Input Channel

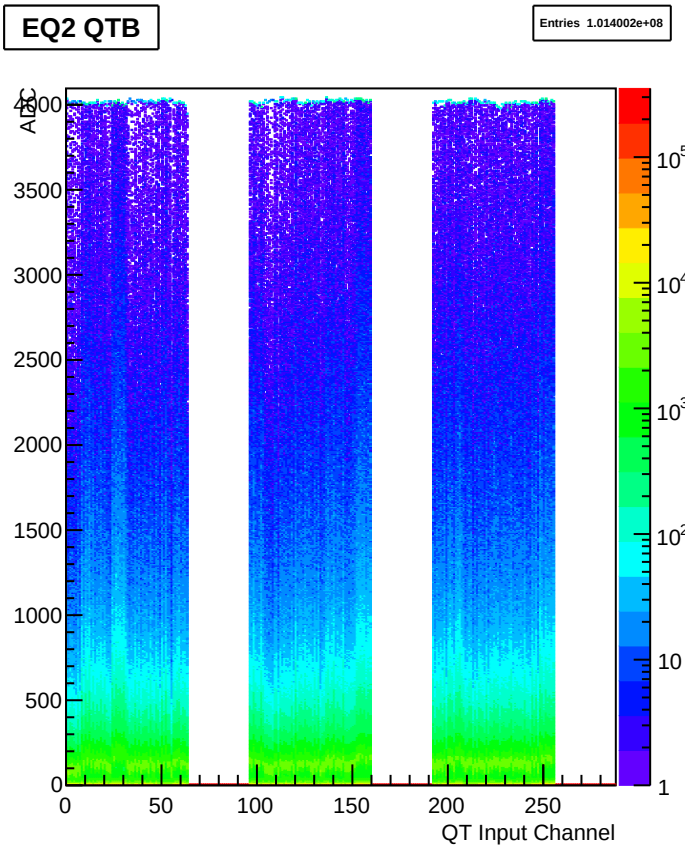

BBQ-VP002 West
Entries 5633344
TADC
QT Input Channel

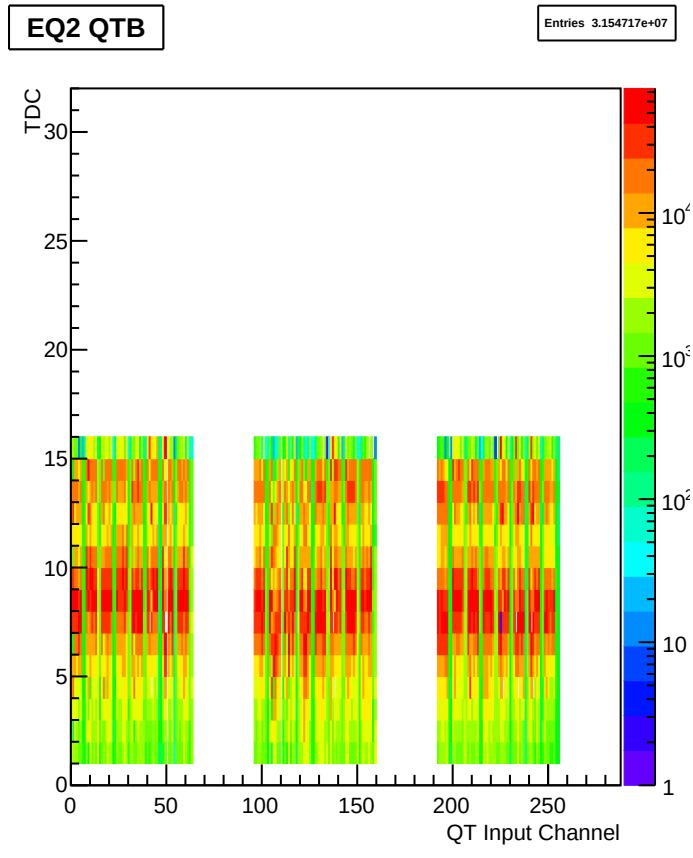

EQ1 QTB
Entries 1.014002e+08
ADC
QT Input Channel

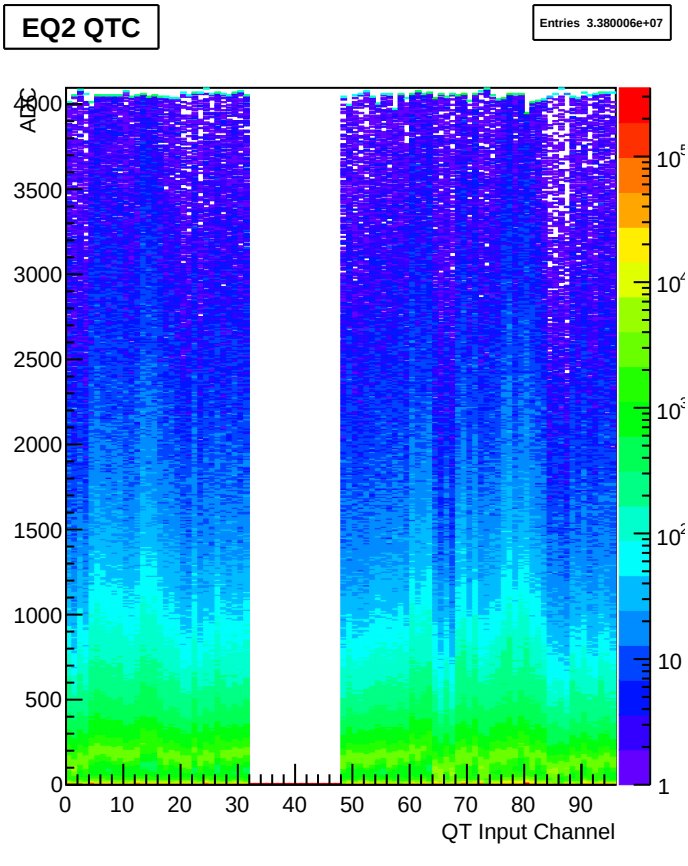

EQ1 QTB
Entries 3.259347e+07
TDC
QT Input Channel

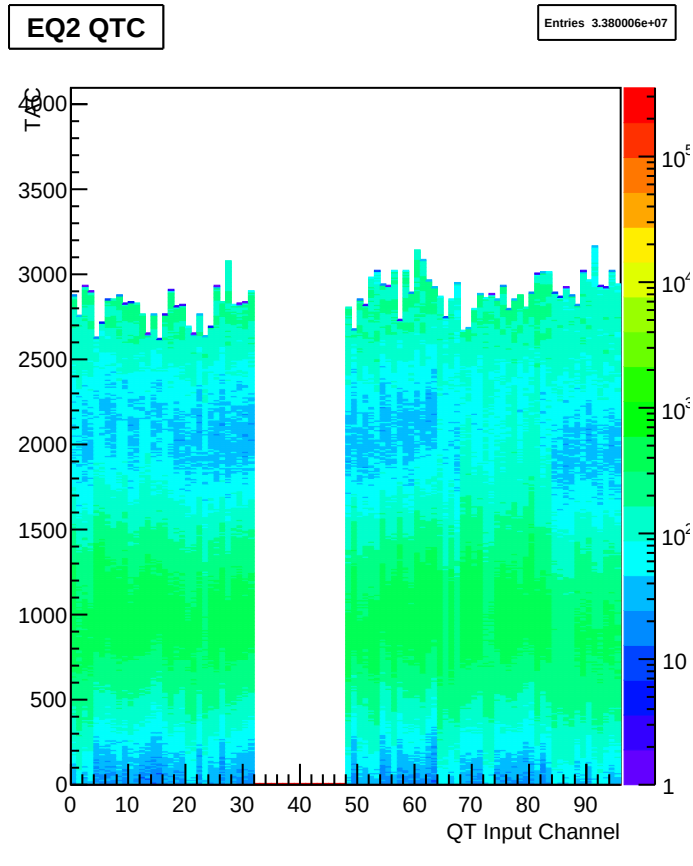

EQ1 QTC
Entries 3.380006e+07
ADC
QT Input Channel

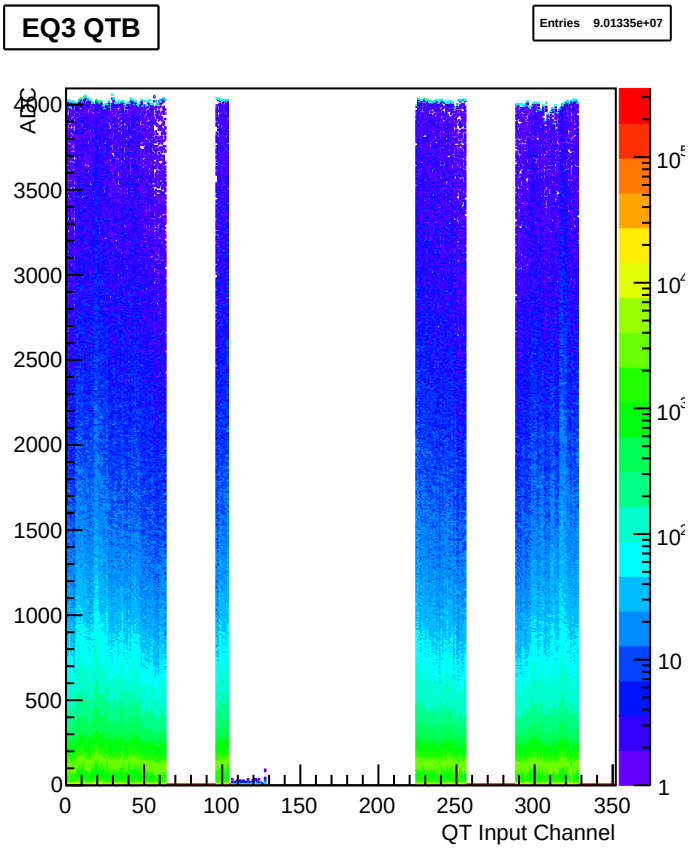

EQ1 QTC
Entries 3.380006e+07
TADC
QT Input Channel

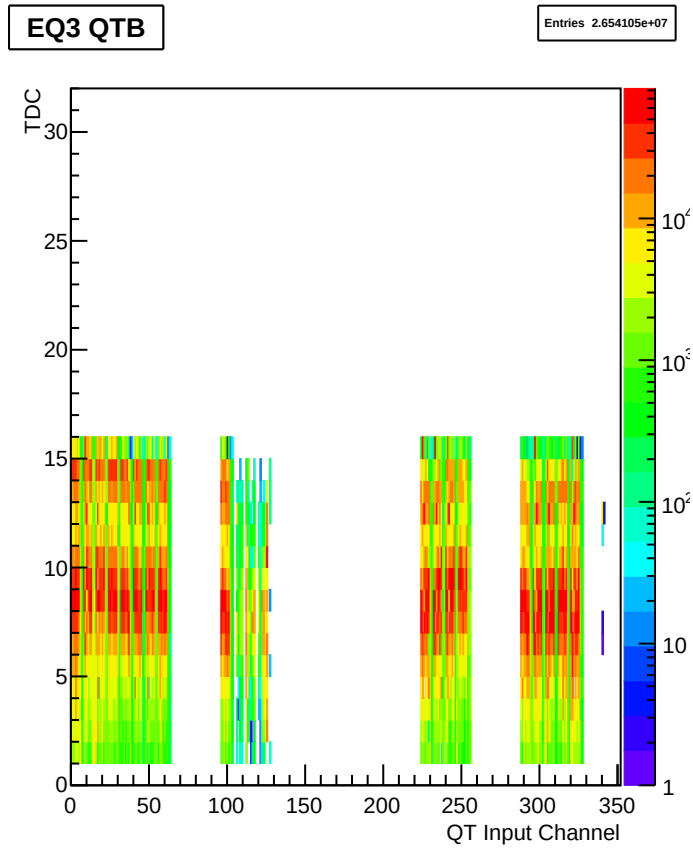

EQ2 QTB
Entries 1.014002e+08
ADC
QT Input Channel

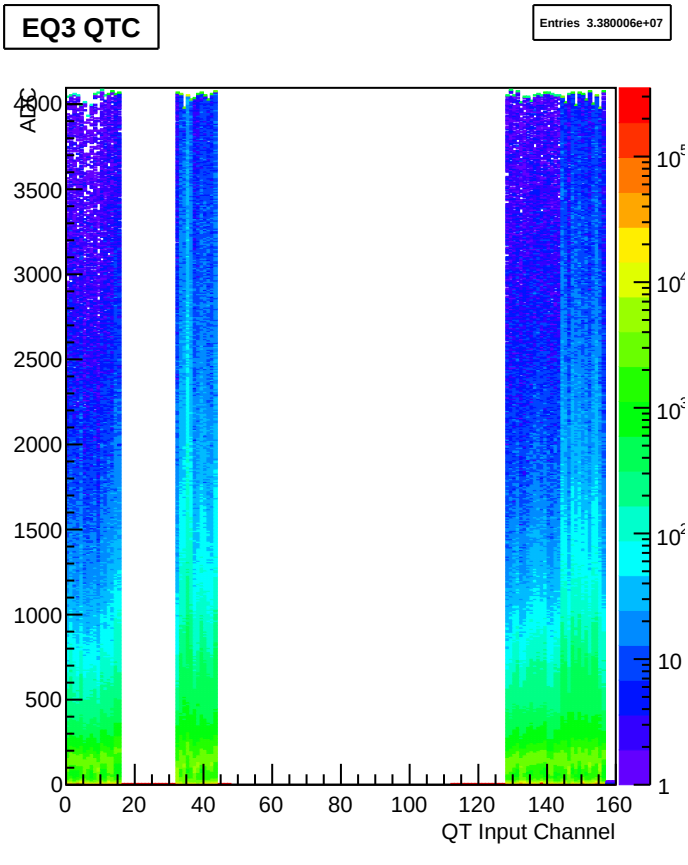

EQ2 QTB
Entries 3.154717e+07
TDC
QT Input Channel

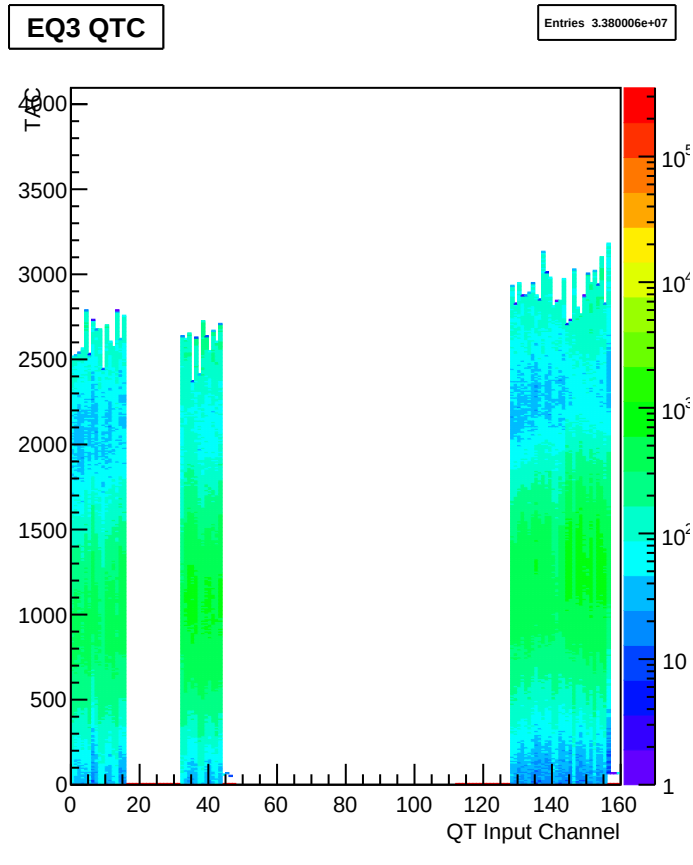

EQ2 QTC
Entries 3.380006e+07
ADC
QT Input Channel

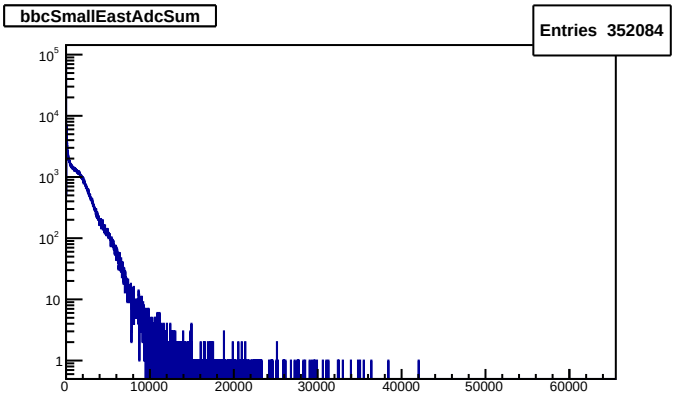

EQ2 QTC
Entries 3.380006e+07
TADC
QT Input Channel

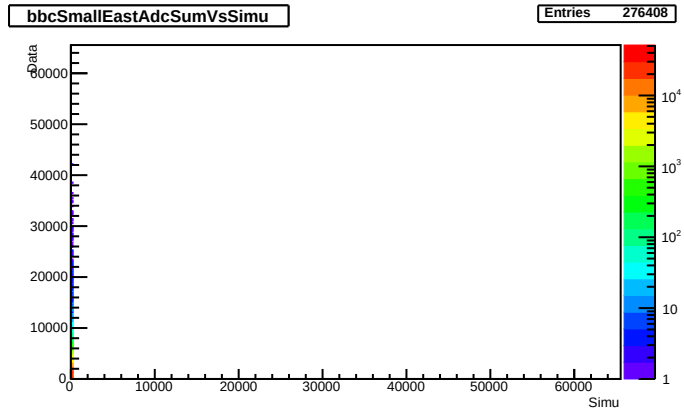

EQ3 QTB
Entries 9.01335e+07
ADC
QT Input Channel

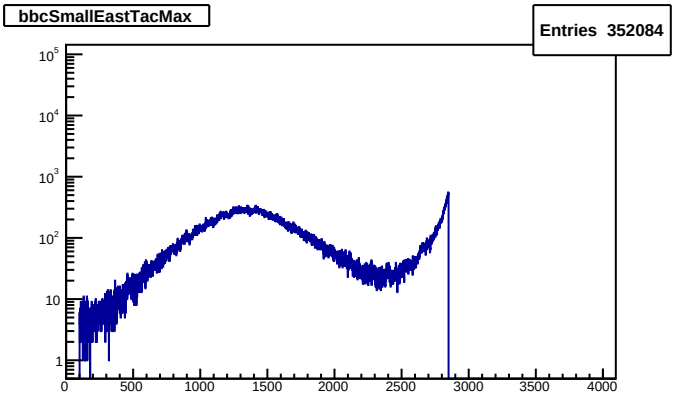

EQ3 QTB
Entries 2.654105e+07
TDC
QT Input Channel

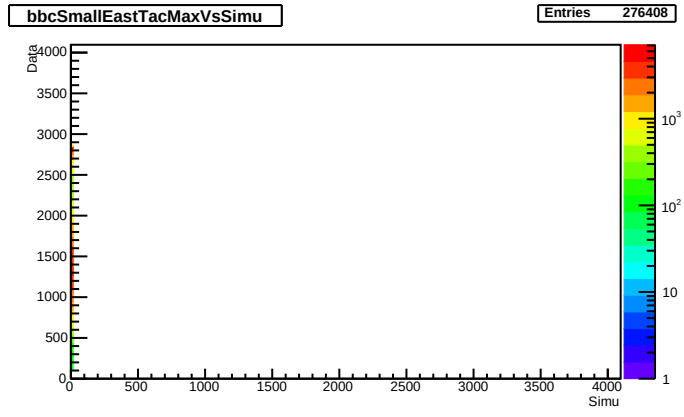

EQ3 QTC
Entries 3.380006e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.380006e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 352084


bbcSmallEastAdcSumVsSimu
Entries 276408
Data
Simu


bbcSmallEastTacMax
Entries 352084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Entries 276408
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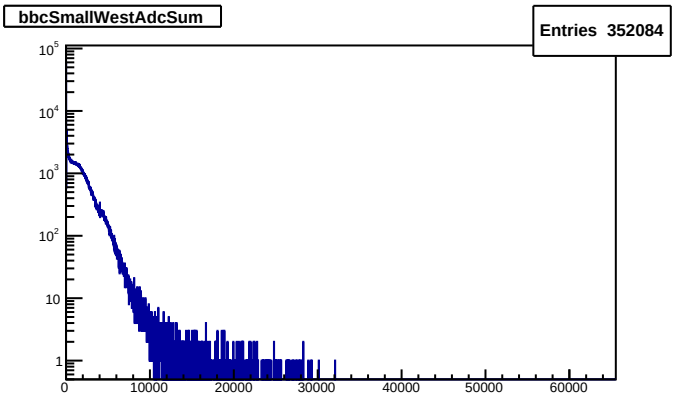
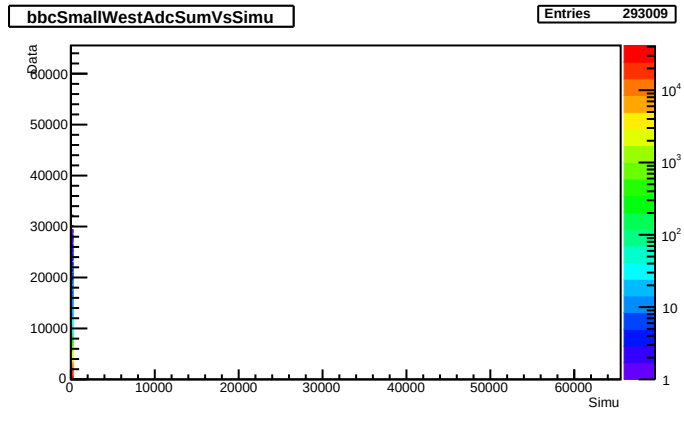

bbcSmallWestAdcSum
Entries 352084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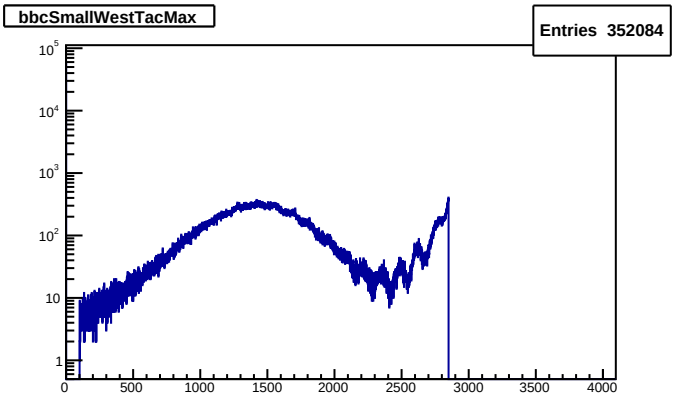
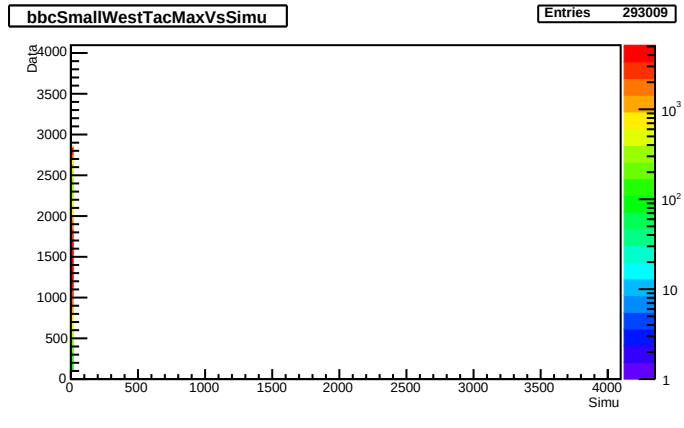
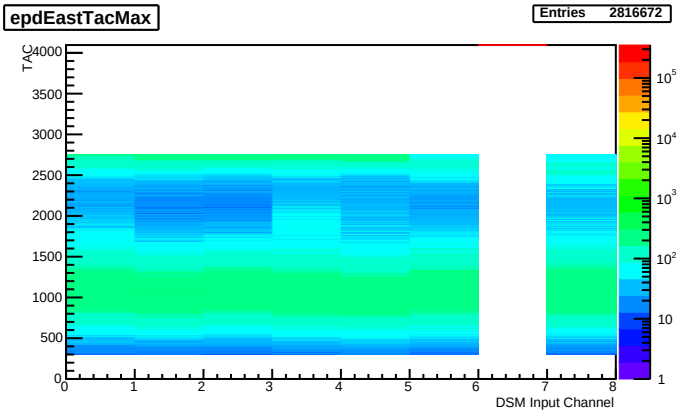
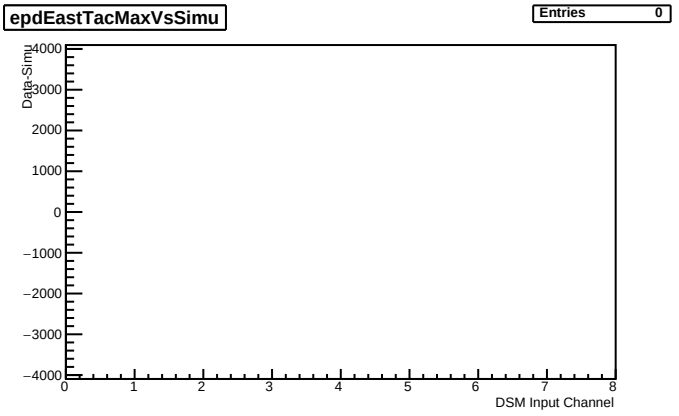
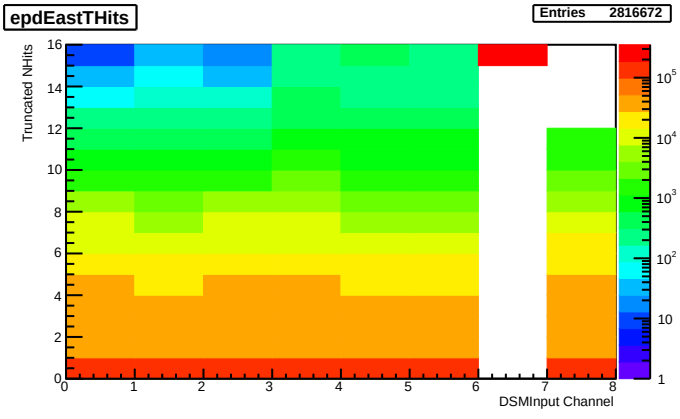
Entries 293009
Data
Simu

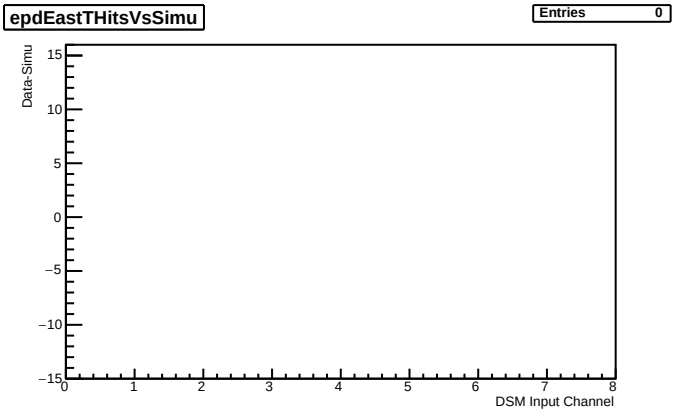

bbcSmallWestTacMax
Entries 352084


bbcSmallWestTacMaxVsSimu
Entries 293009
Data
Simu


epdEastTacMax
Entries 2816672
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2816672
Truncated NHits
DSMInput Channel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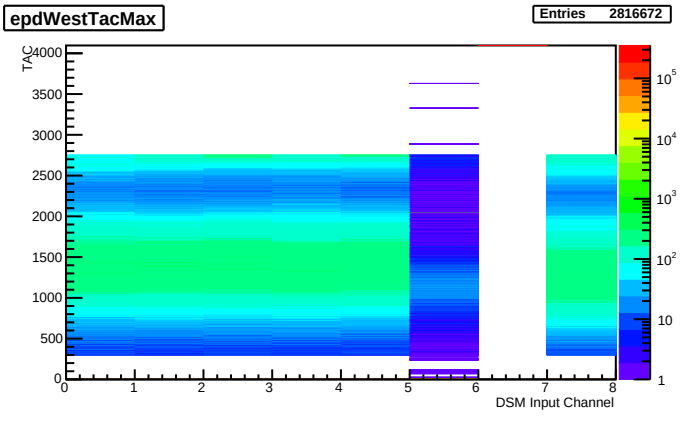
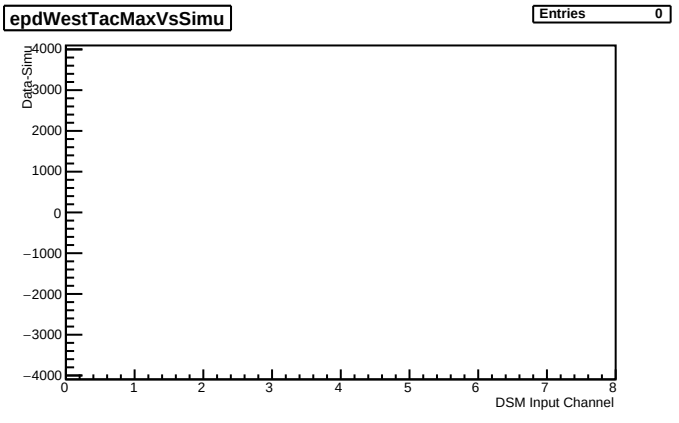
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2816672
TAC
DSM Input Channel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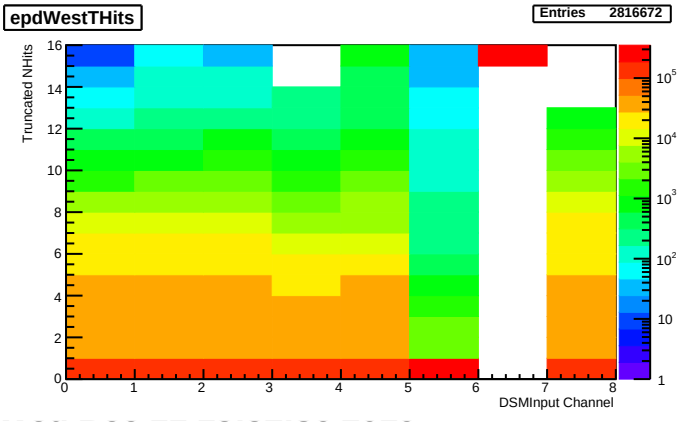
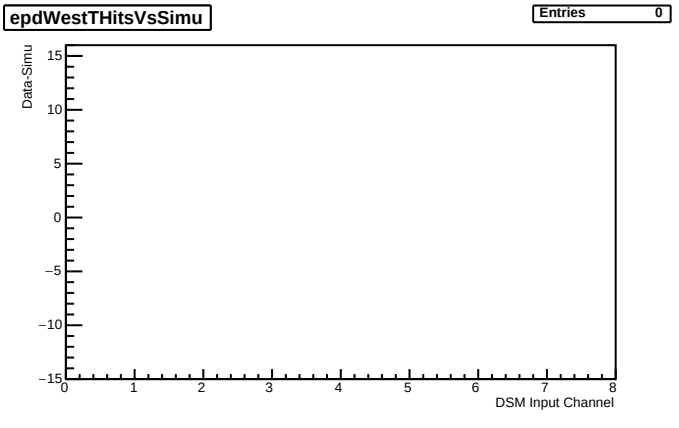
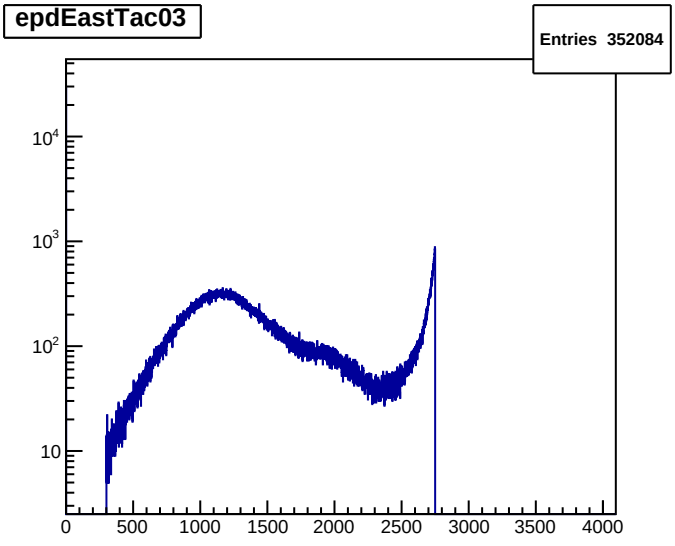
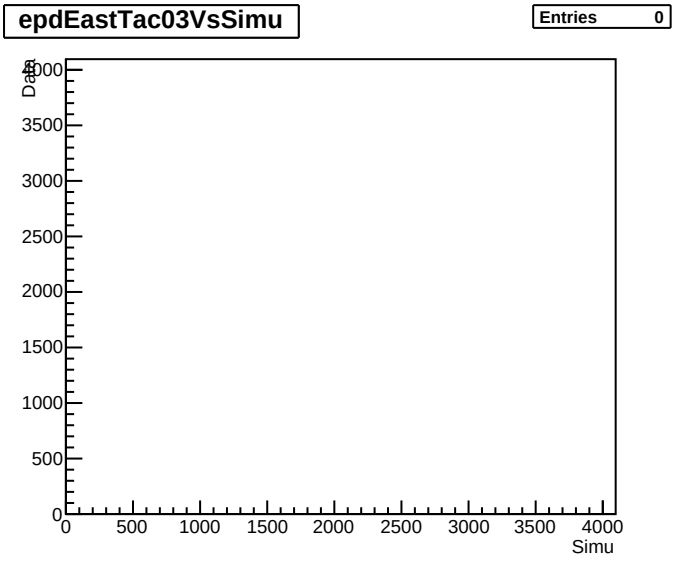
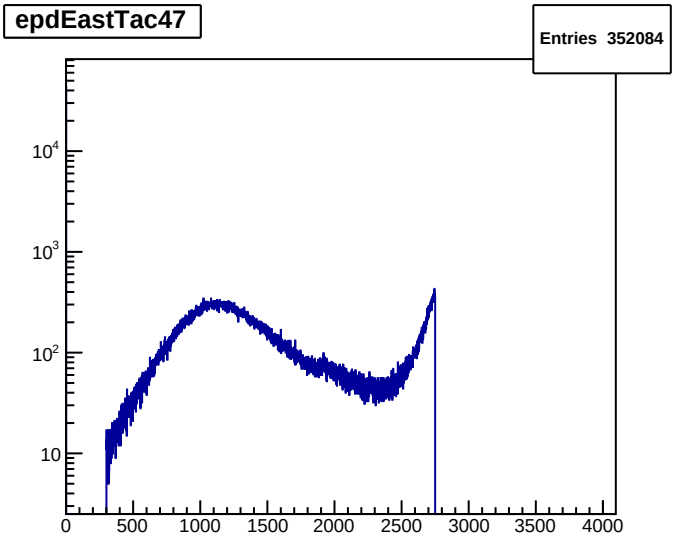
Entries 0
Data-Simu
DSM Input Channel

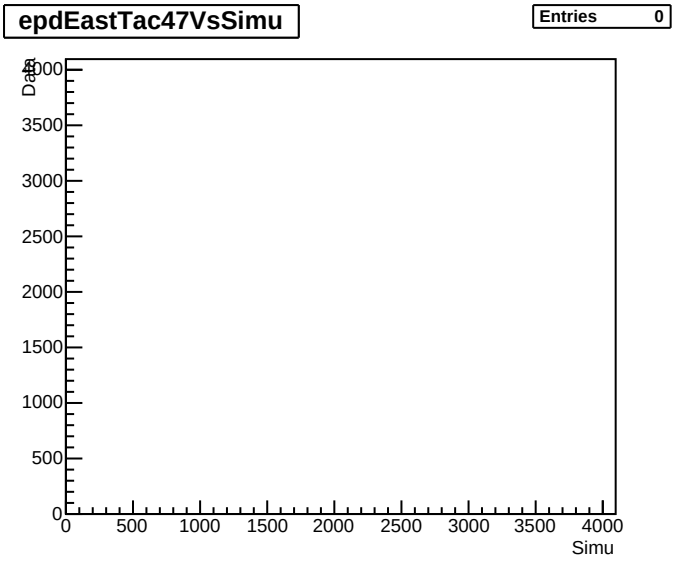

epdWestTHits
Entries 2816672
Truncated NHits
DSMInput Channel

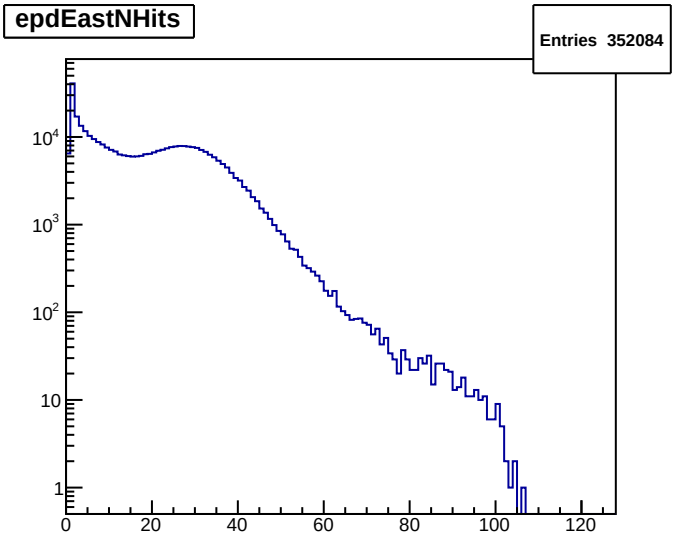

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

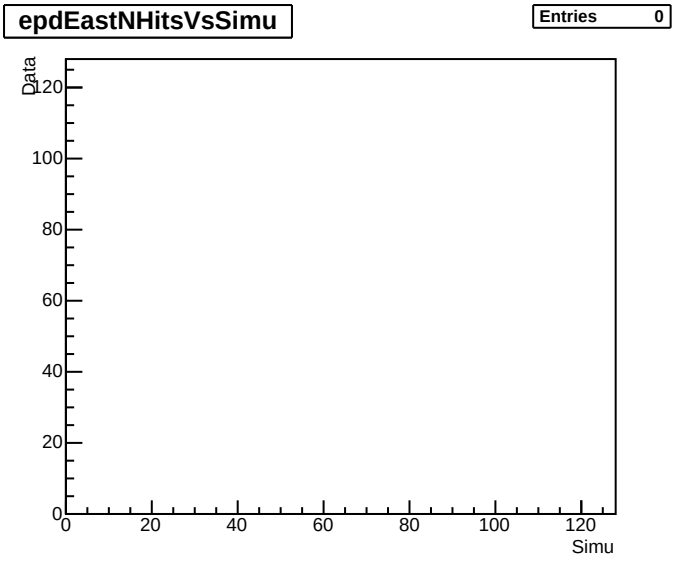

epdEastTac03
Entries 352084


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 352084


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 352084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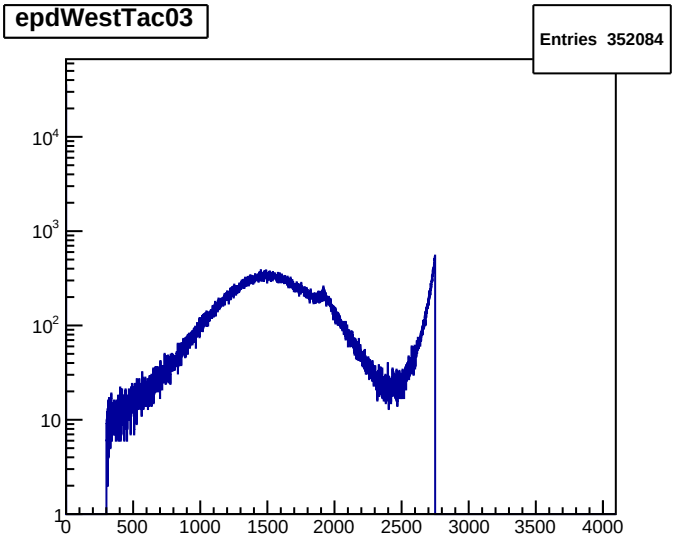
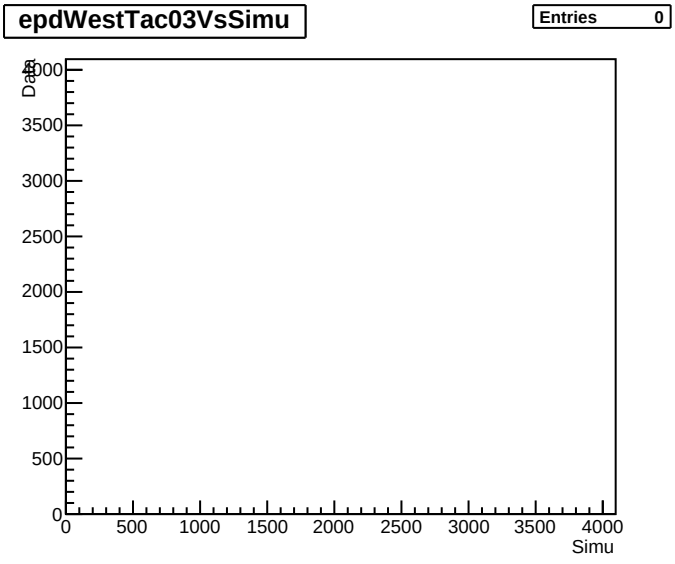
Entries 0
Data
Simu


epdWestTac03
Entries 352084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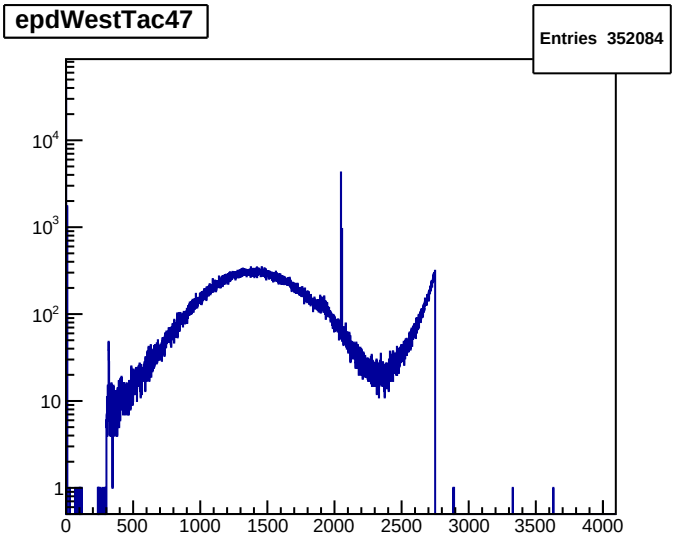
Entries 0
Data
Simu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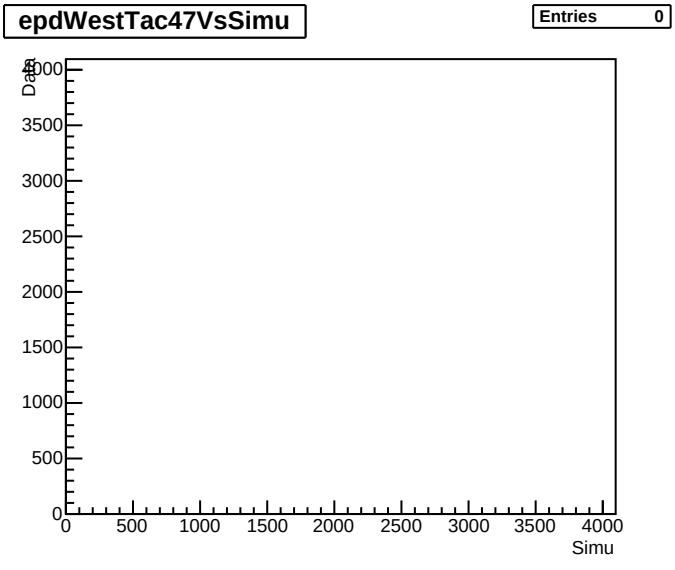
Entries 352084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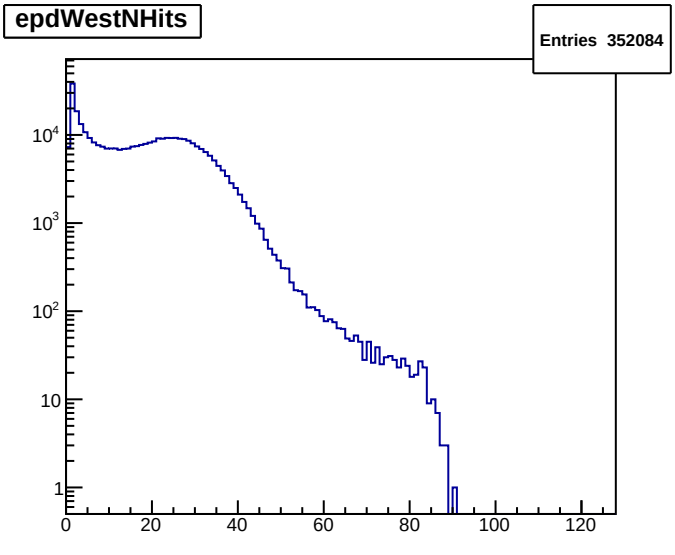
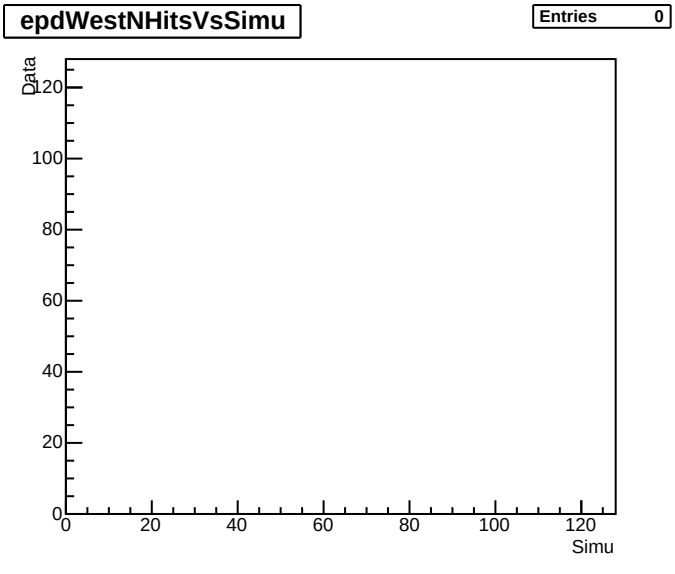
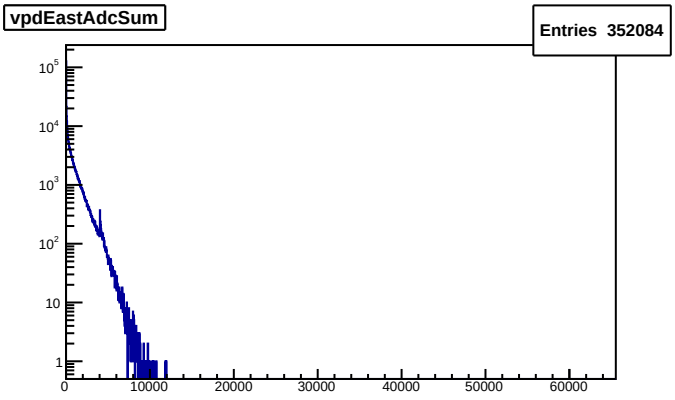
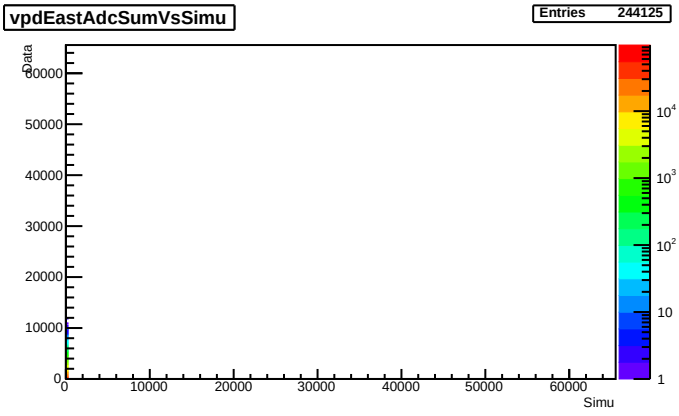
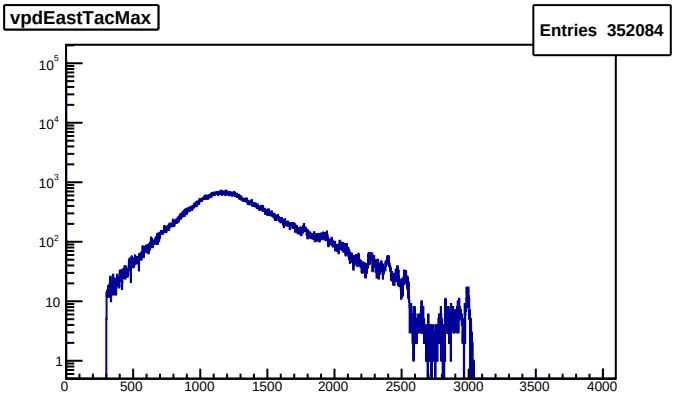
Entries 0
Data
Simu

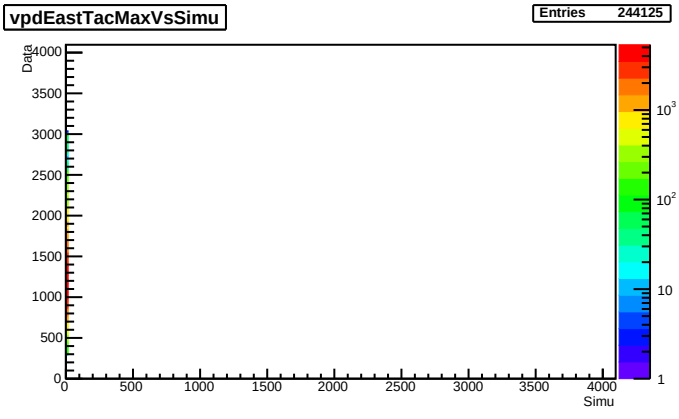

epdWestNHits
Entries 352084

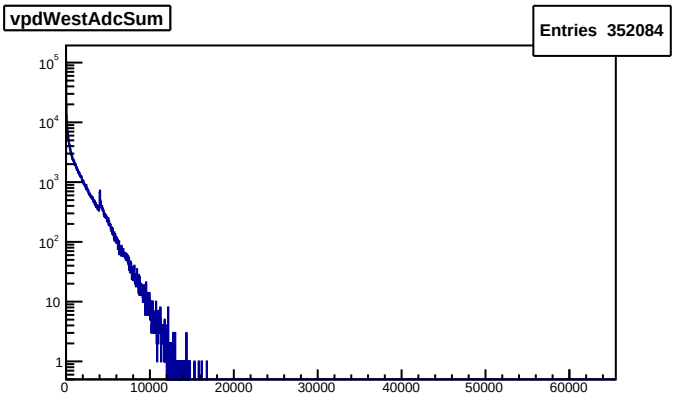

epdWestNHitsVsSimu
Entries 0
Data
Simu

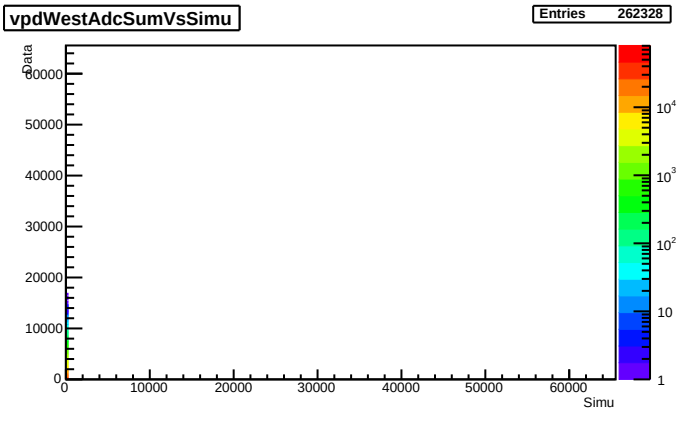

vpdEastAdcSum
Entries 352084

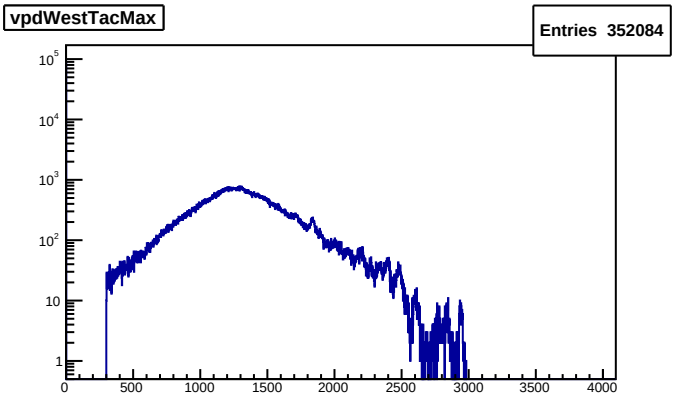

vpdEastAdcSumVsSimu
Entries 244125
Data
Simu

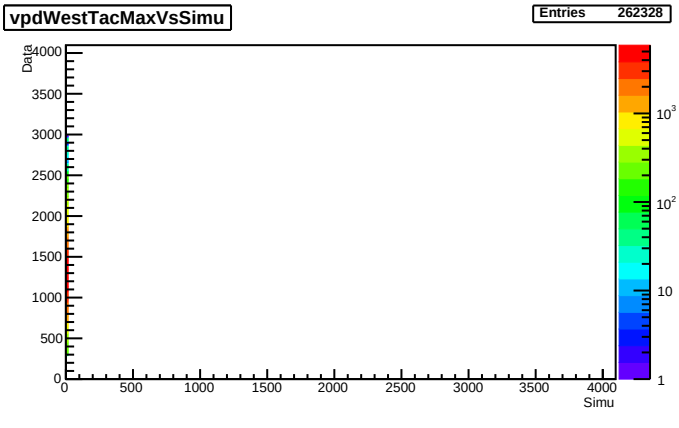

vpdEastTacMax
Entries 352084

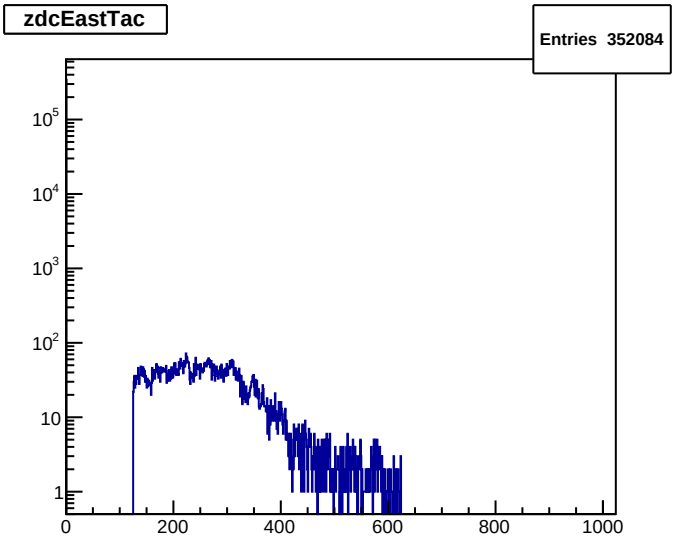

vpdEastTacMaxVsSimu
Entries 244125
Data
Simu

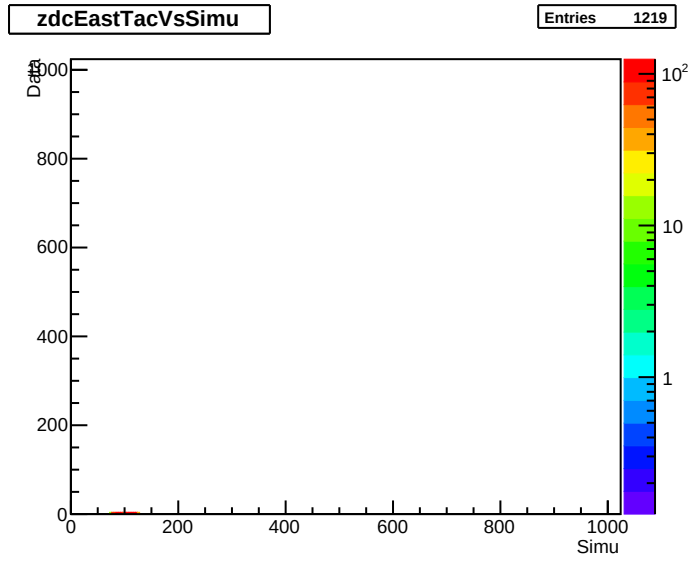

vpdWestAdcSum
Entries 352084

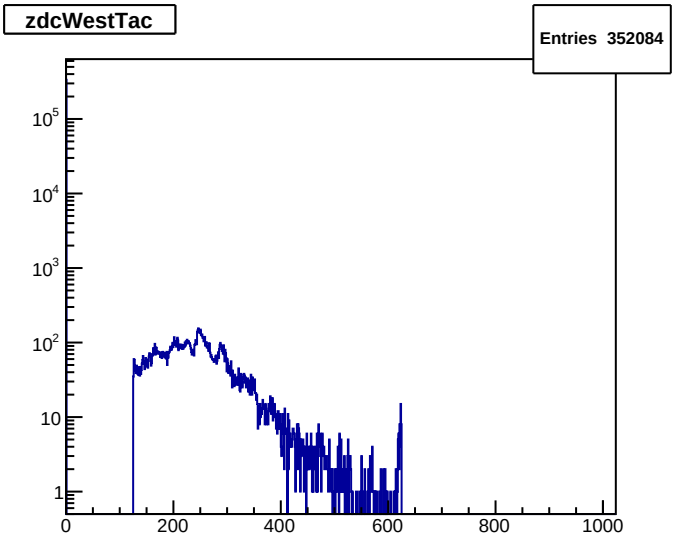

vpdWestAdcSumVsSimu
Entries 262328
Data
Simu

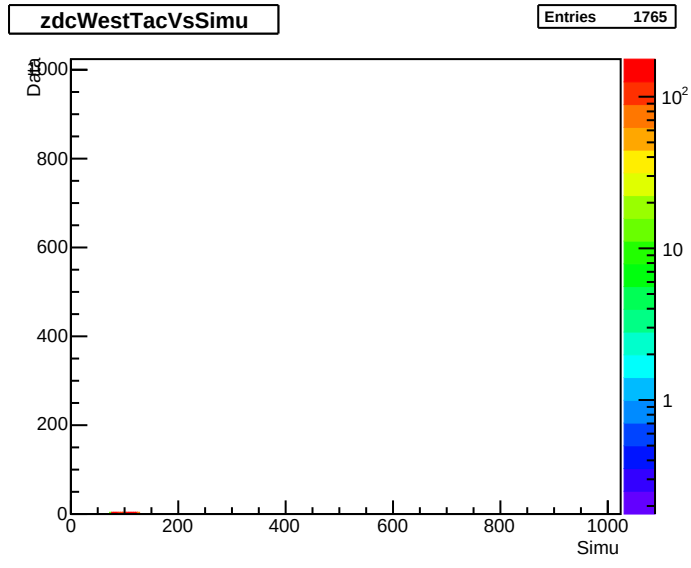

vpdWestTacMax
Entries 352084

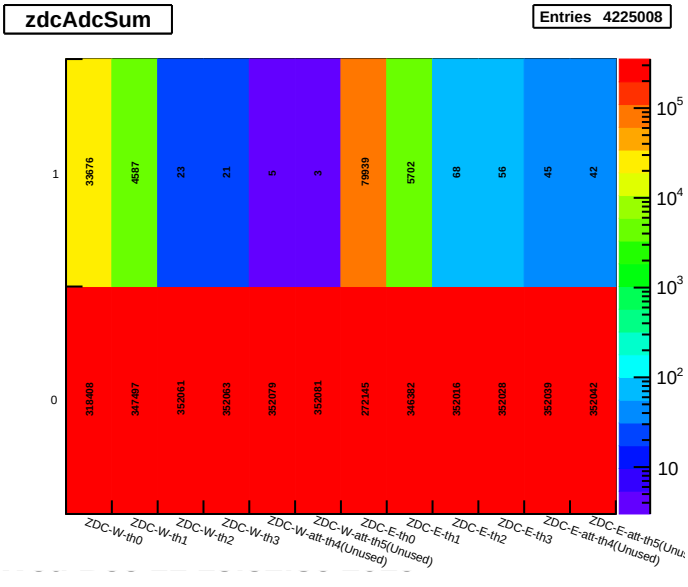

vpdWestTacMaxVsSimu
Entries 262328
Data
Simu

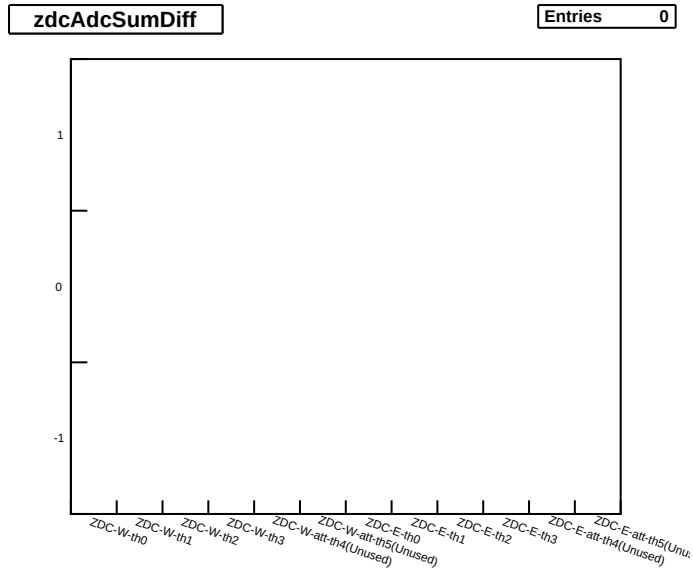

zdcEastTac
Entries 352084

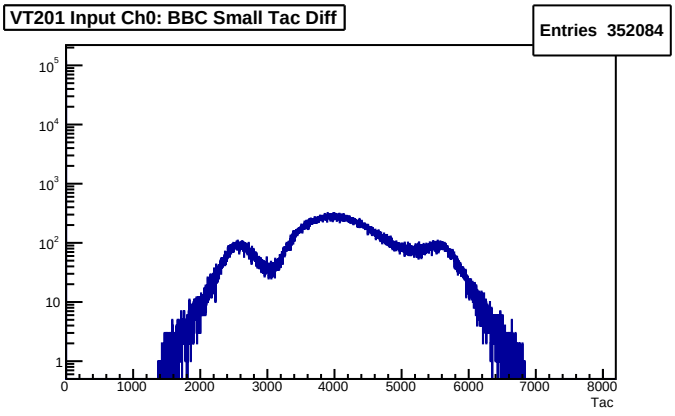

zdcEastTacVsSimu
Entries 1219
Data
Simu

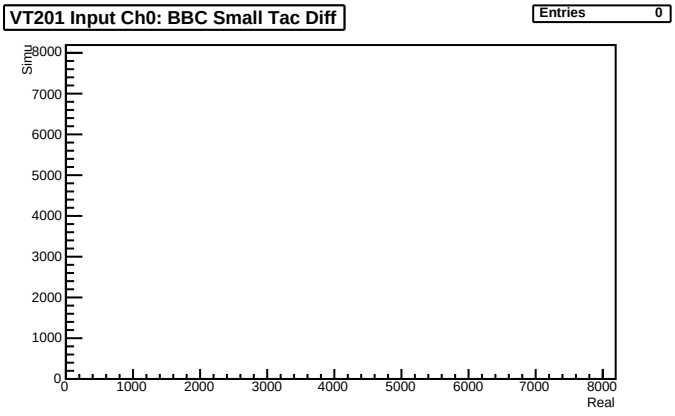

zdcWestTac
Entries 352084

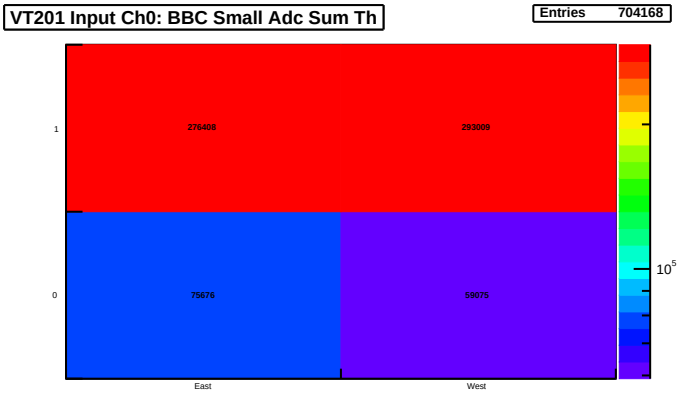

zdcWestTacVsSimu
Entries 1765
Data
Simu

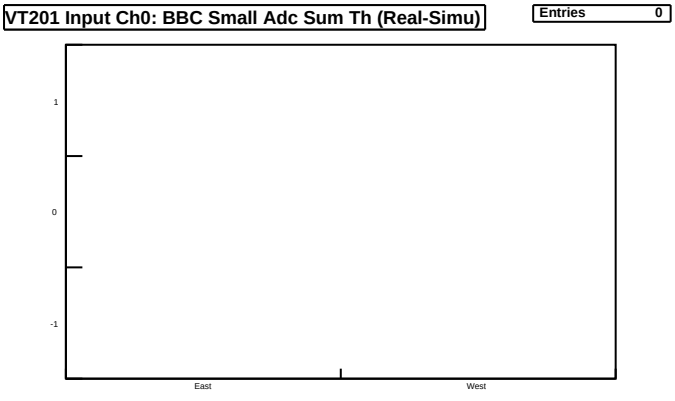

zdcAdcSum
Entries 4225008
33676
4587
23
21
5
3
79939
5702
68
56
45
42
318408
347497
352061
352063
352079
352081
272145
346382
352016
352028
352039
352042
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

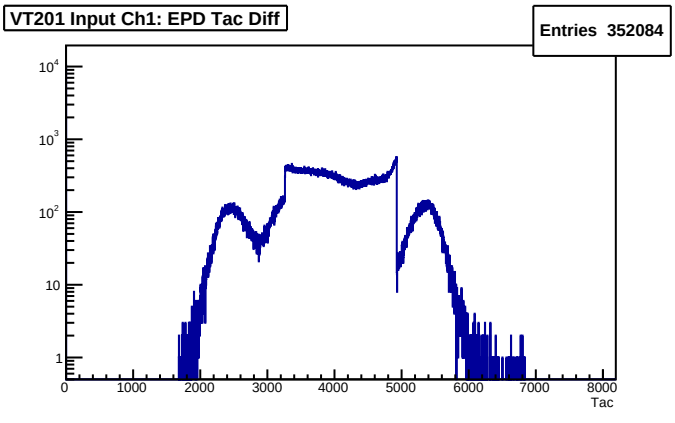

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

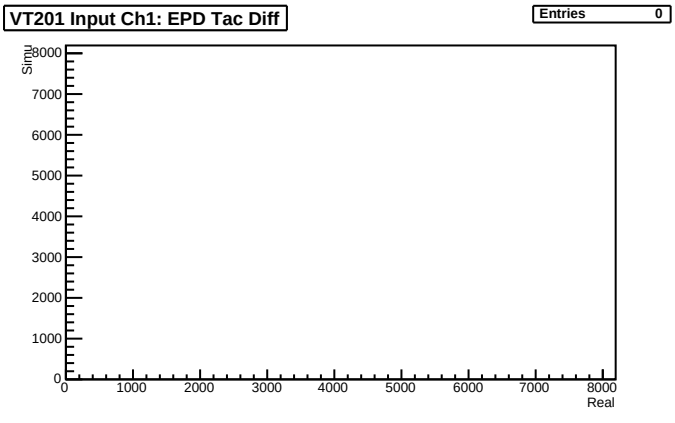

VT201 Input Ch0: BBC Small Tac Diff
Entries 352084
Tac

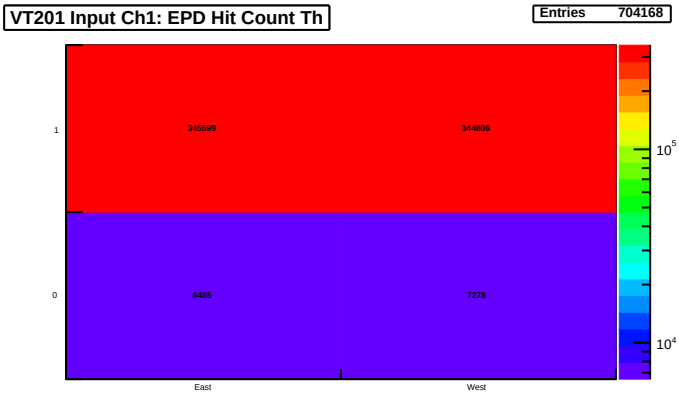

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

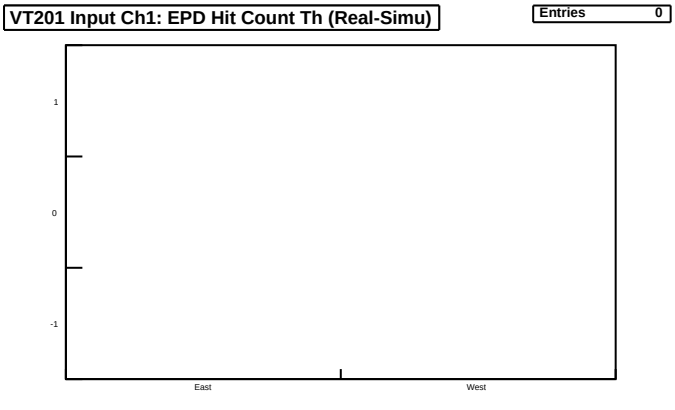

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 704168
276408
293009
75676
59075
East
West

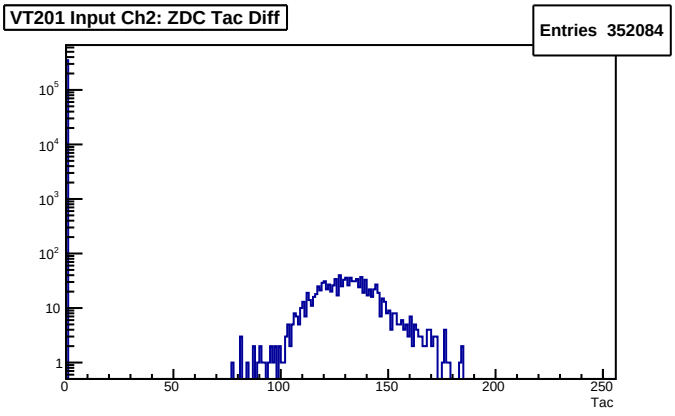

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

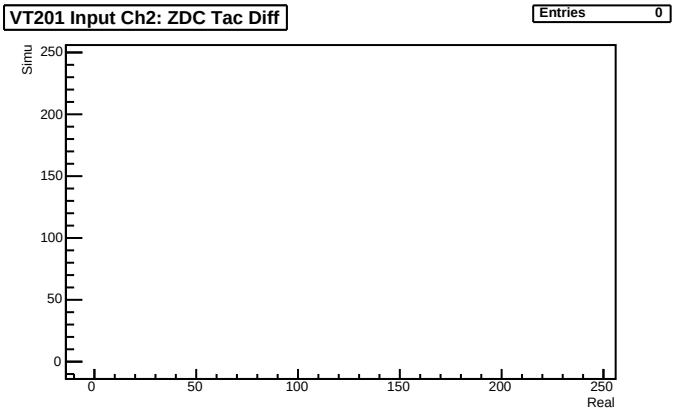

VT201 Input Ch1: EPD Tac Diff
Entries 352084
Tac

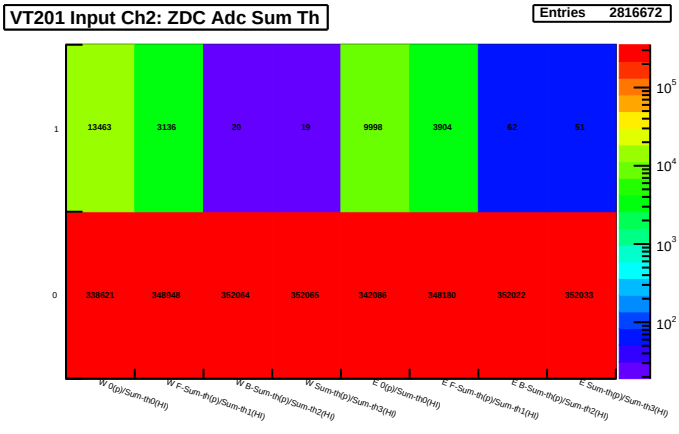

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

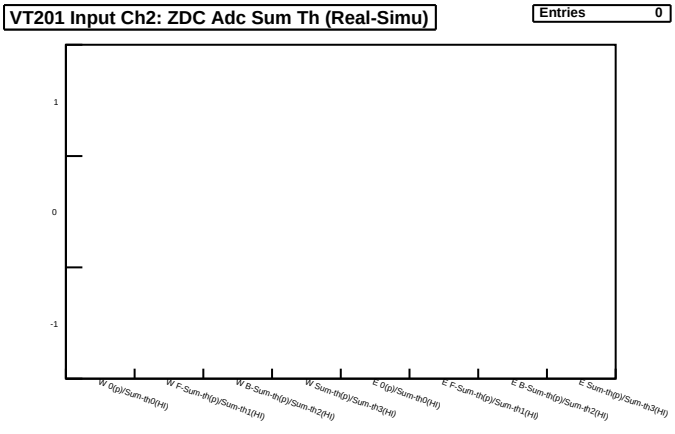

VT201 Input Ch1: EPD Hit Count Th
Entries 704168
345599
344806
6485
7278
East
West

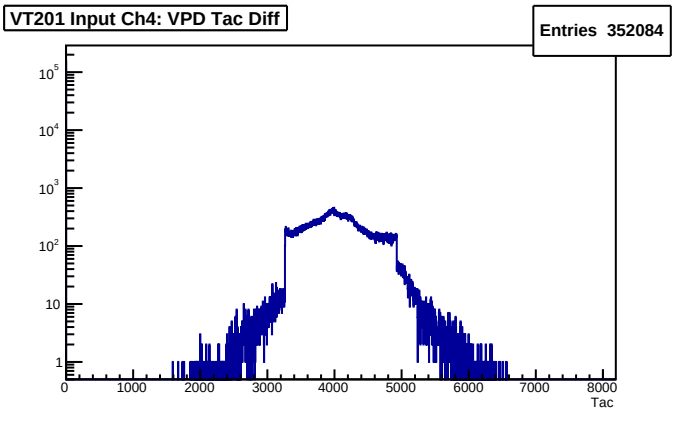

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

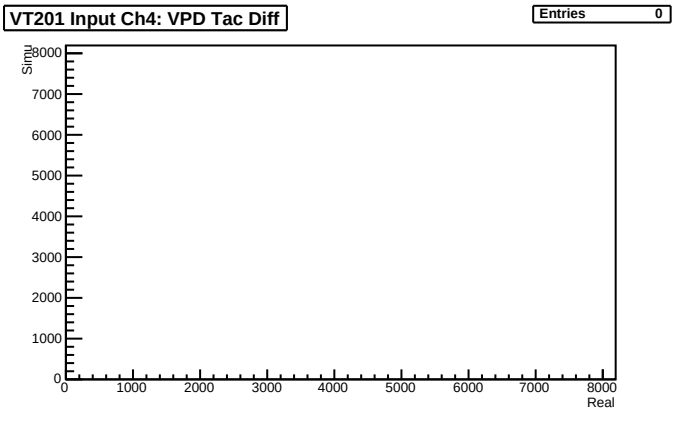

VT201 Input Ch2: ZDC Tac Diff
Entries 352084
Tac

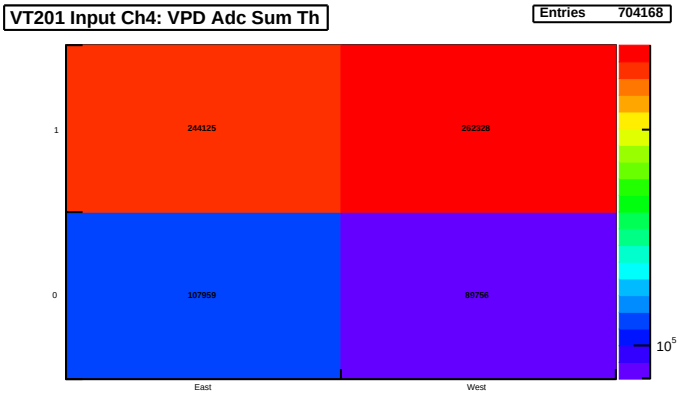

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

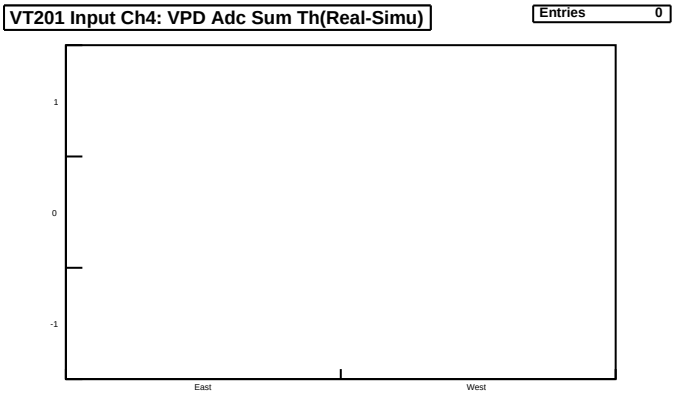

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2816672
13463
3136
20
19
9998
3904
62
51
338621
348948
352064
352065
342086
348180
352022
352033
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

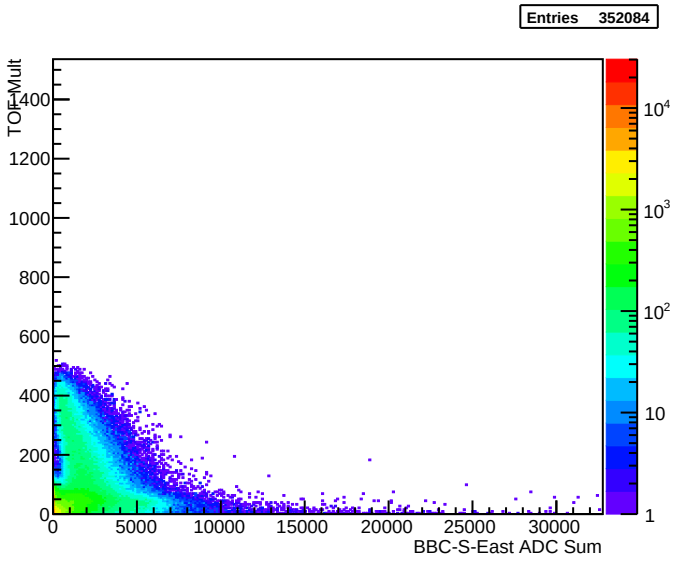

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

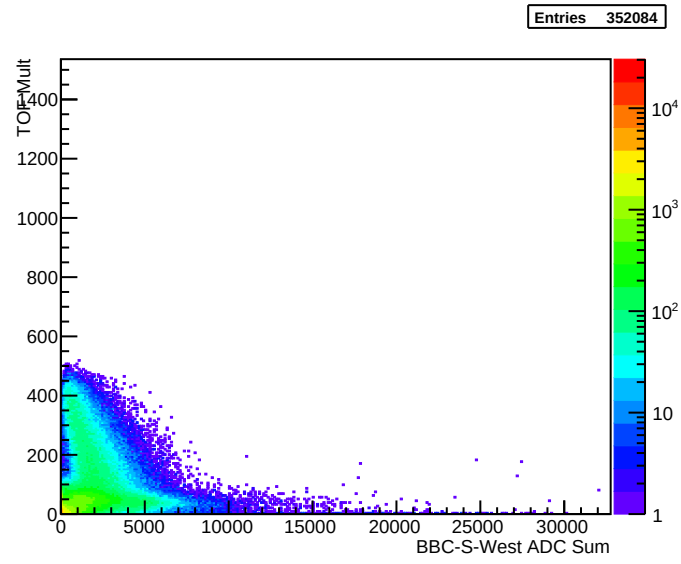

VT201 Input Ch4: VPD Tac Diff
Entries 352084
Tac

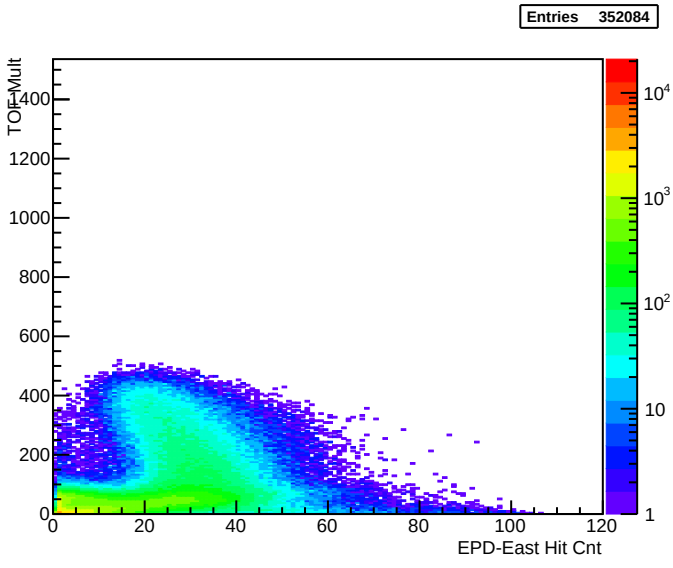

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

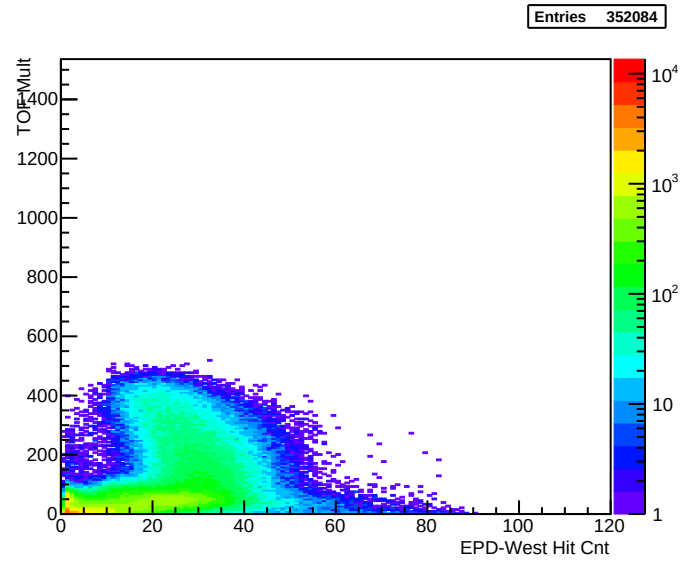

VT201 Input Ch4: VPD Adc Sum Th
Entries 704168
244125
262328
107959
89756
East
West

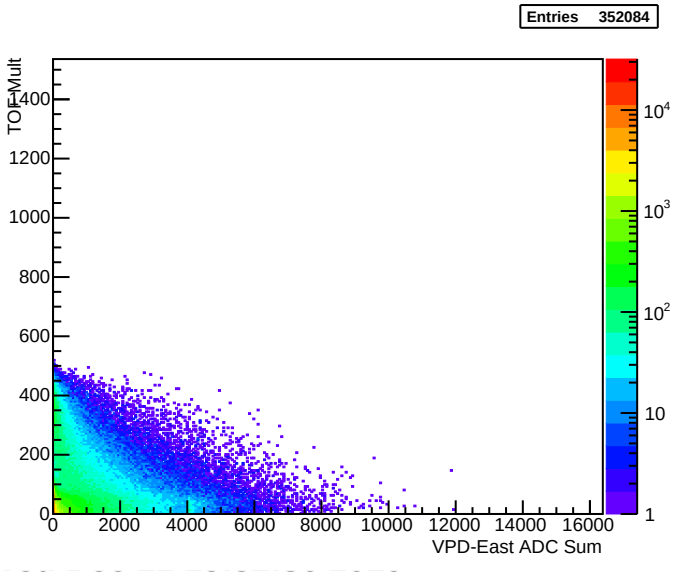

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

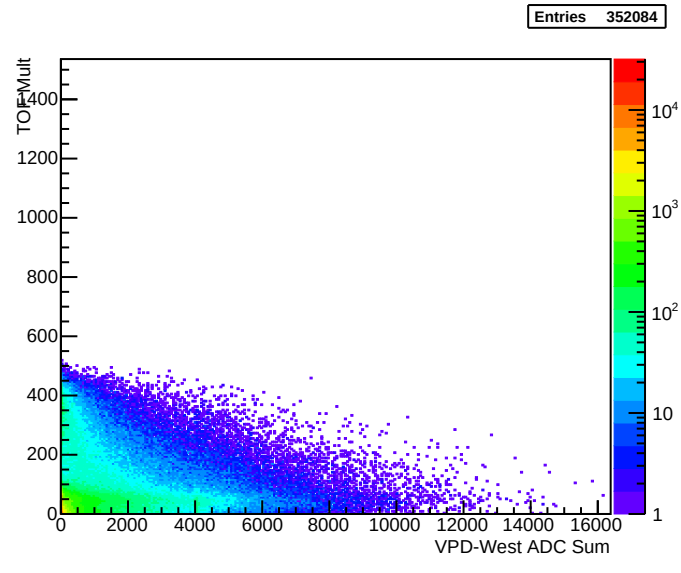

Entries 352084
TOF-Mult
BBC-S-East ADC Sum

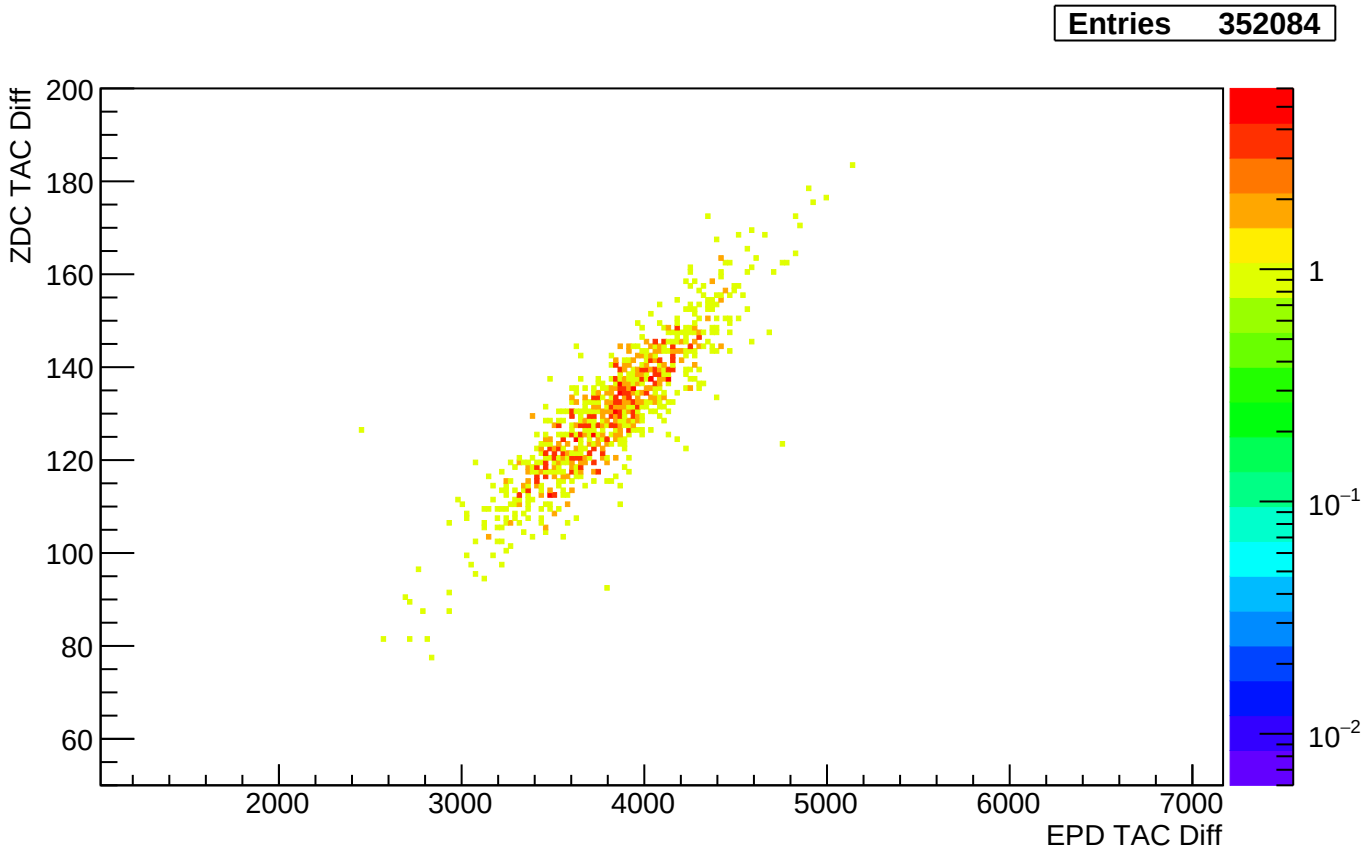

Entries 352084
TOF-Mult
BBC-S-West ADC Sum

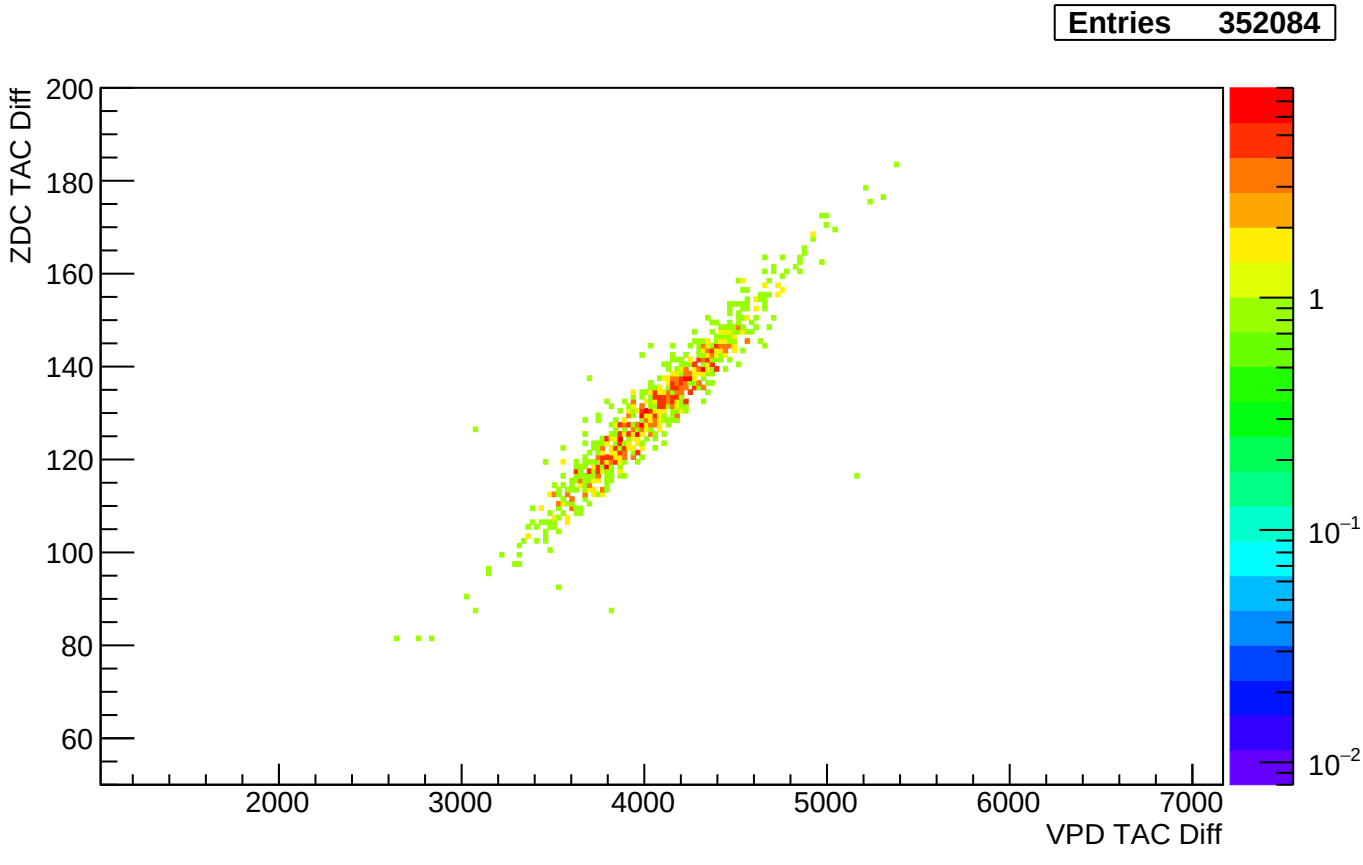

Entries 352084
TOF-Mult
EPD-East Hit Cnt

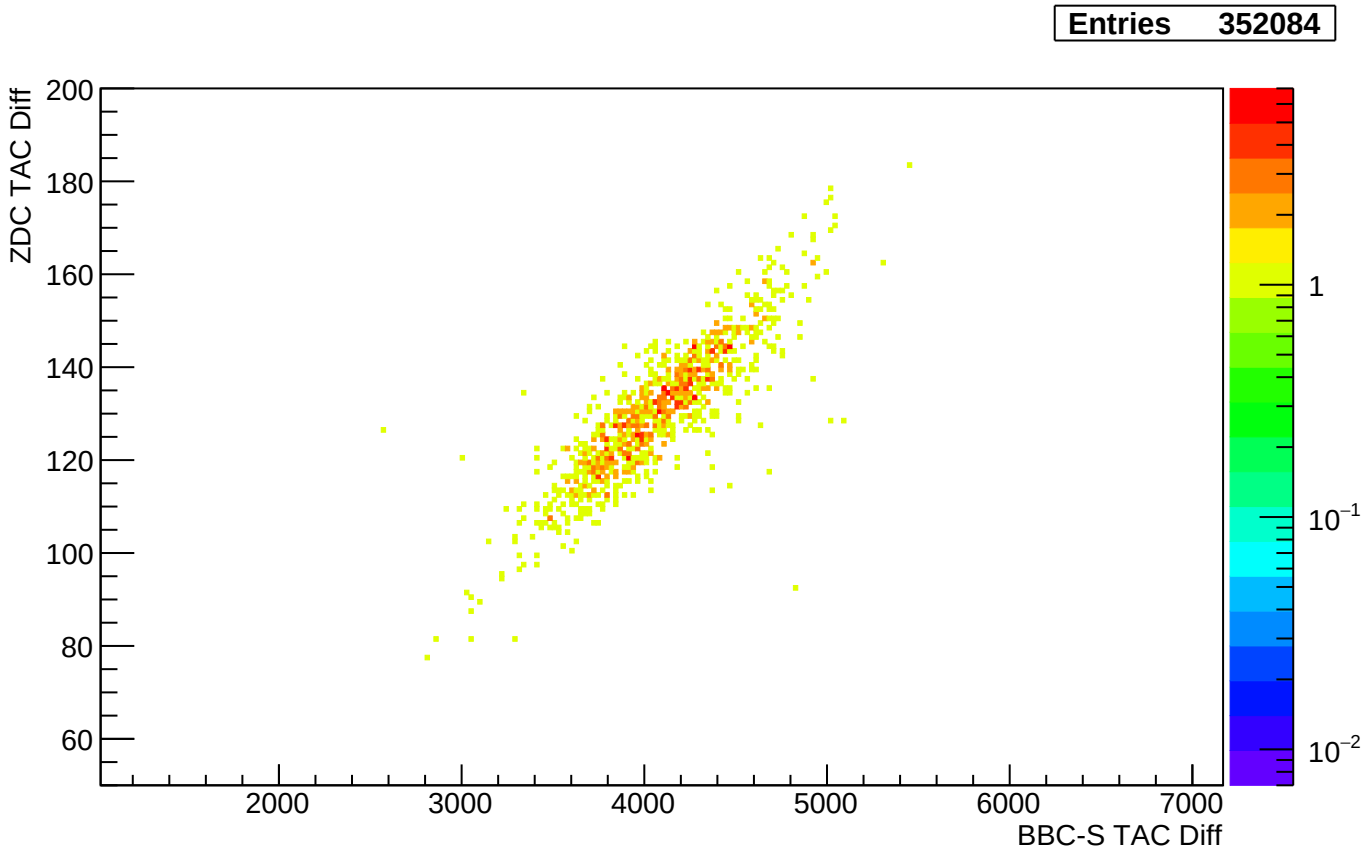

Entries 352084
TOF-Mult
EPD-West Hit Cnt

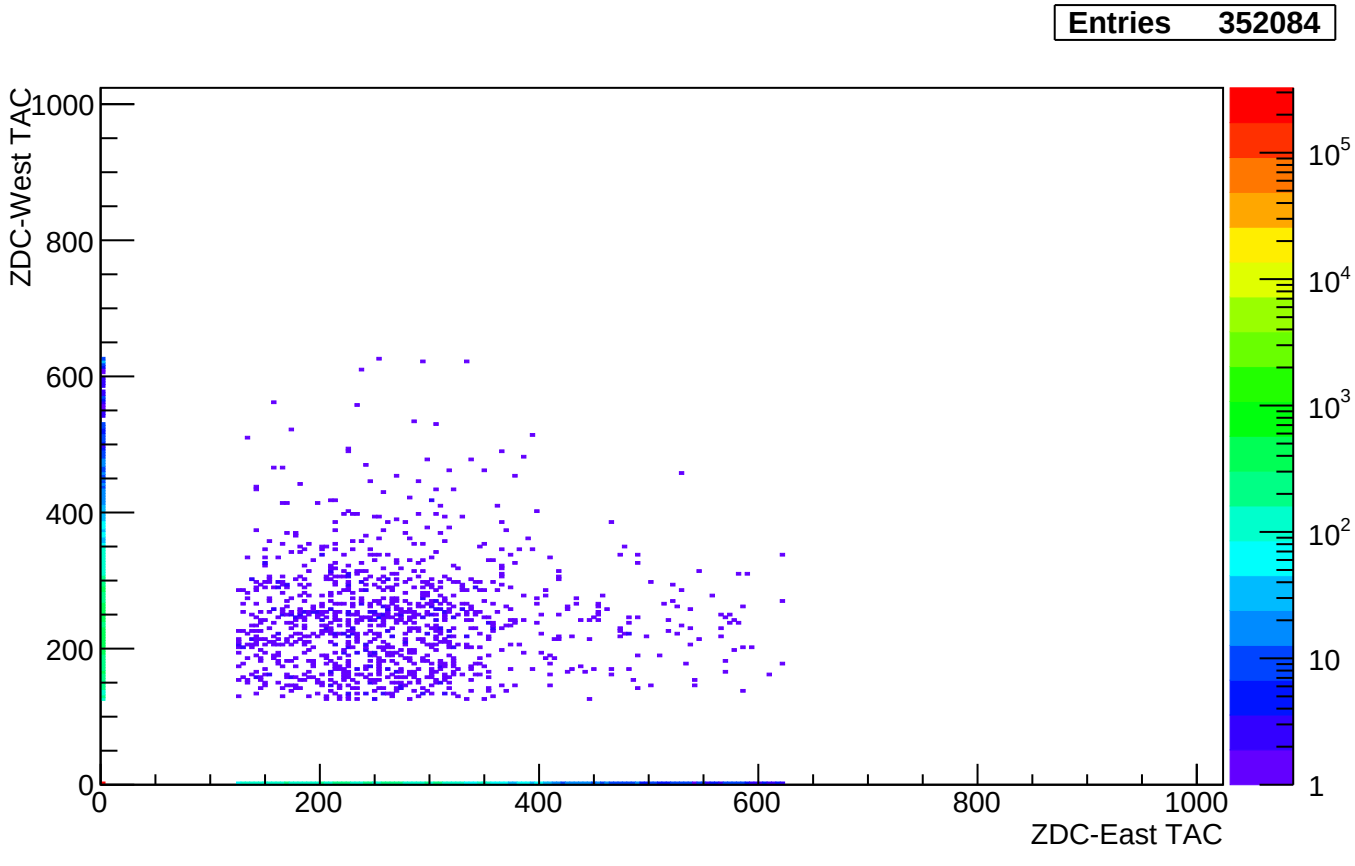

Entries 352084
TOF-Mult
VPD-East ADC Sum

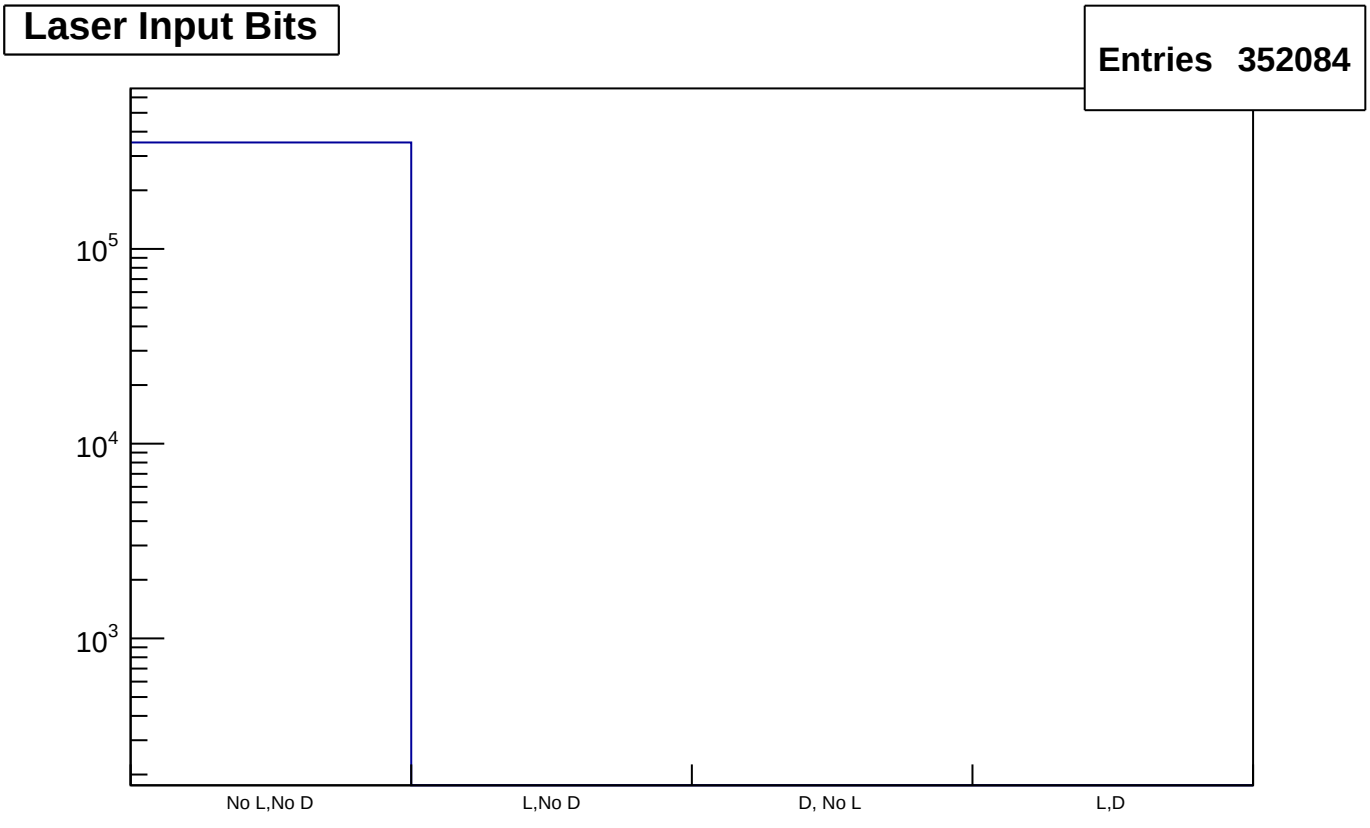

Entries 352084
TOF-Mult
VPD-West ADC Sum

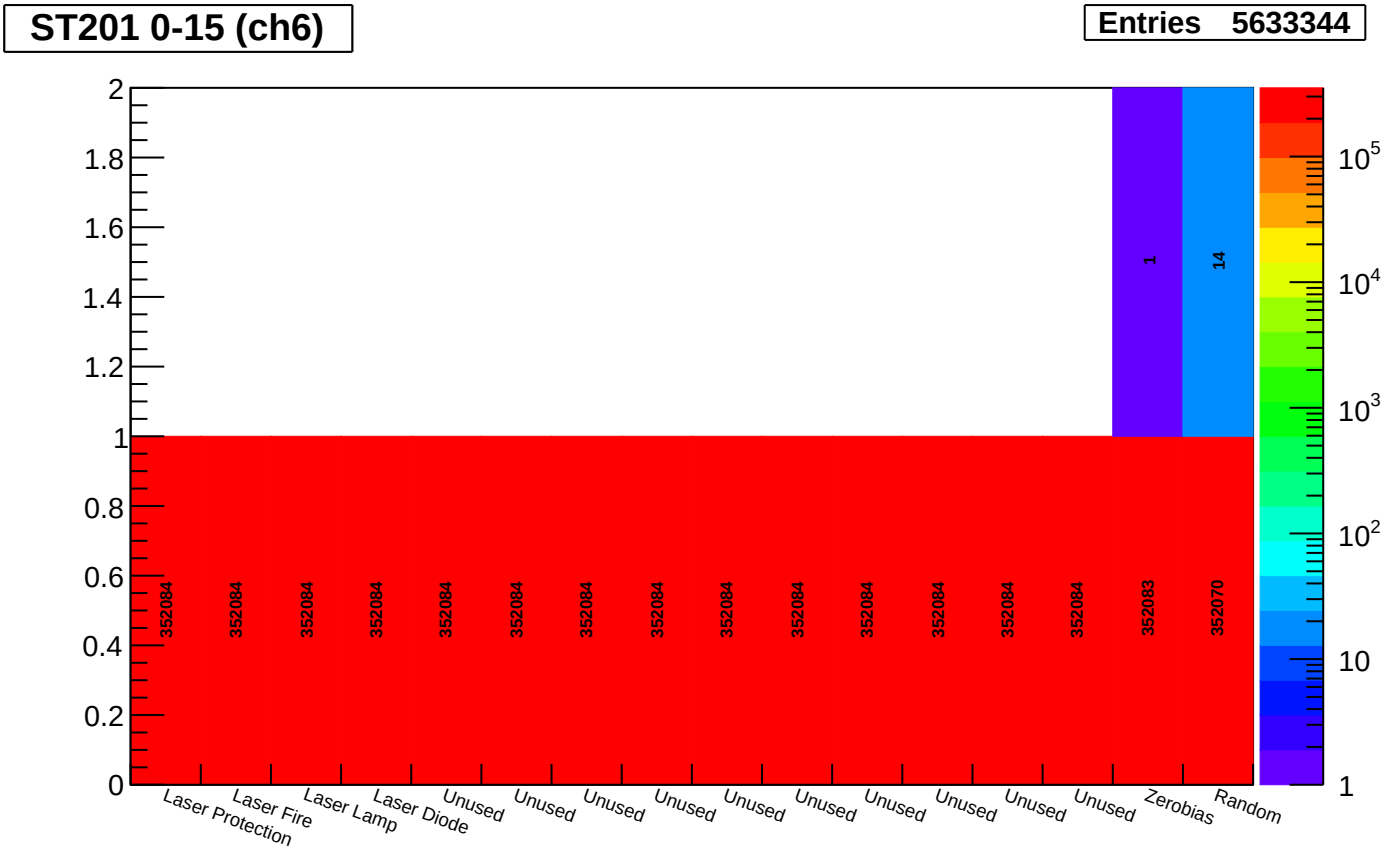

Entries 352084
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

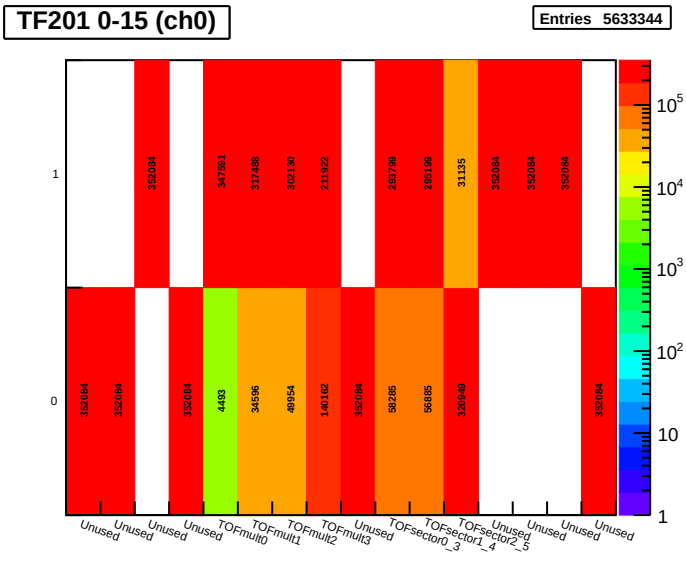

Entries 352084
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

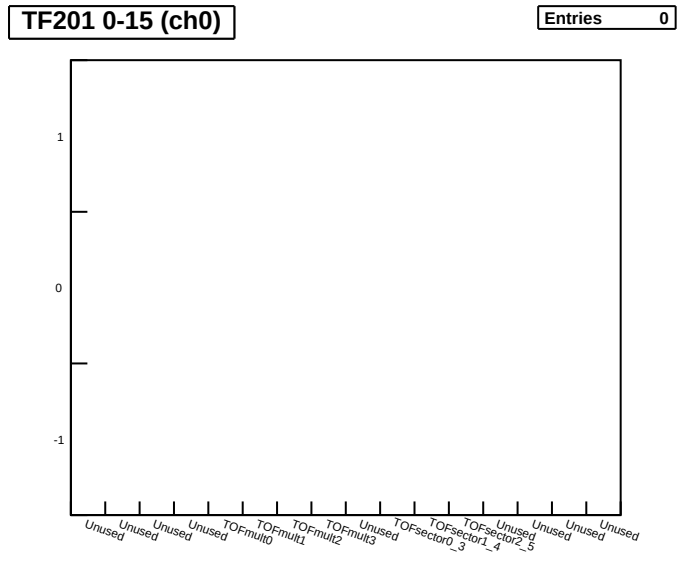

Entries 352084
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

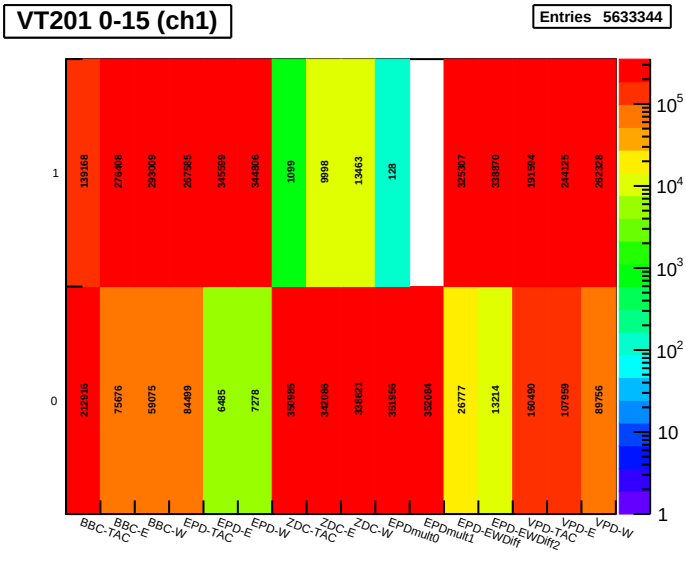

Entries 352084
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

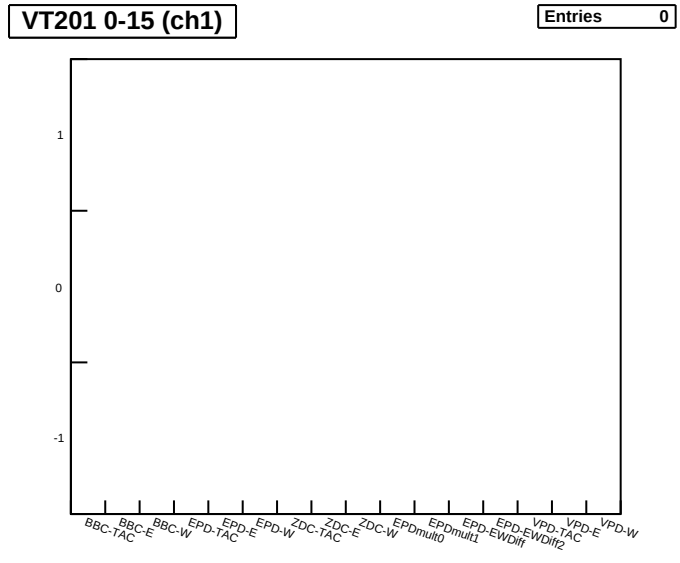

Laser Input Bits
Entries 352084
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

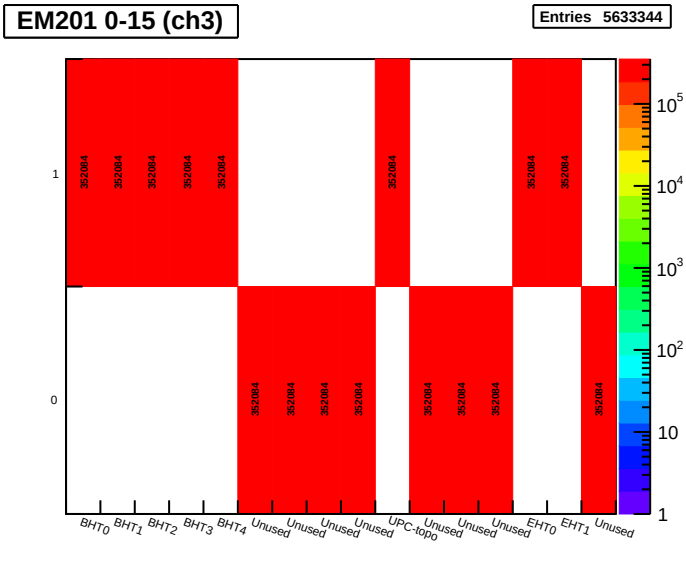

ST201 0-15 (ch6)
Entries 5633344
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
352084
352083
352070
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

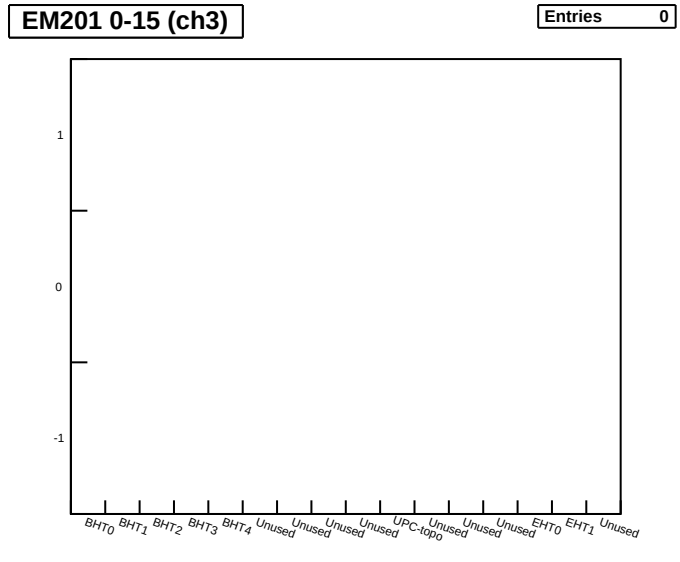

TF201 0-15 (ch0)
Entries 5633344
1
0
352084 352084 352084 352084 347891 317488 302130 211922 293799 295199 31135 352084 352084 352084
352084 352084 352084 4493 34596 49954 140162 352084 58285 56885 320949 352084
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 5633344
1
0
139168 276408 293009 267585 345599 344806 1099 9998 13463 128 325307 338870 191594 244125 262328
212916 75676 59075 84499 6485 7278 350985 342086 338621 351956 352084 26777 13214 160490 107959 89756
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 5633344
1
0
352084 352084 352084 352084 352084 352084 352084 352084 352084
352084 352084 352084 352084 352084 352084 352084 352084
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