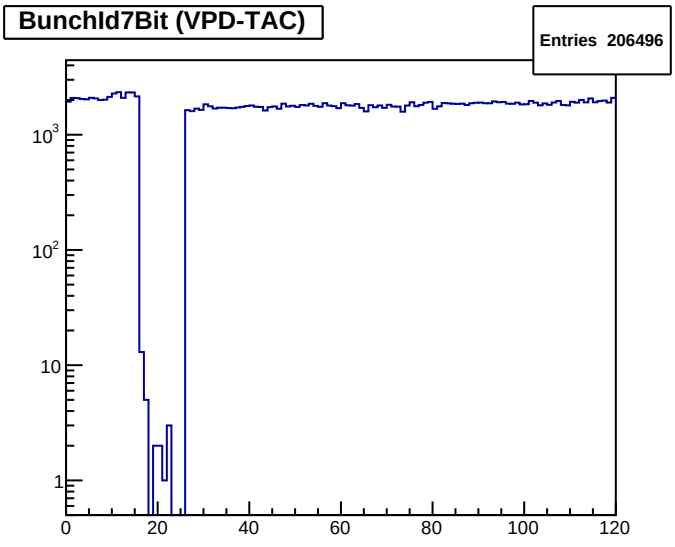
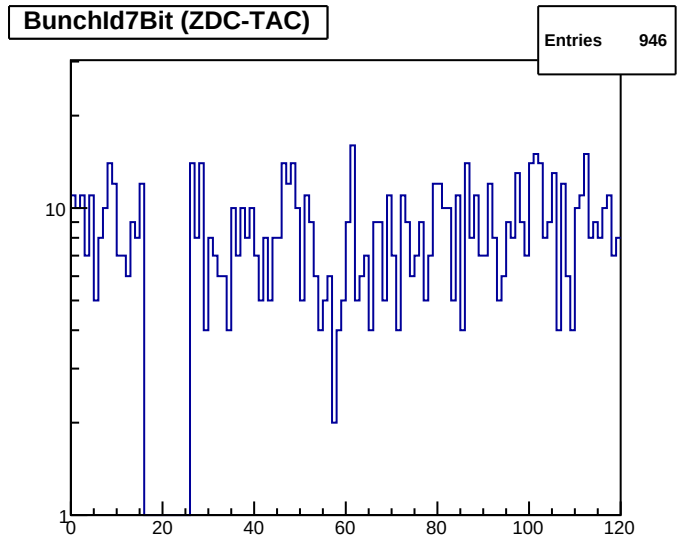
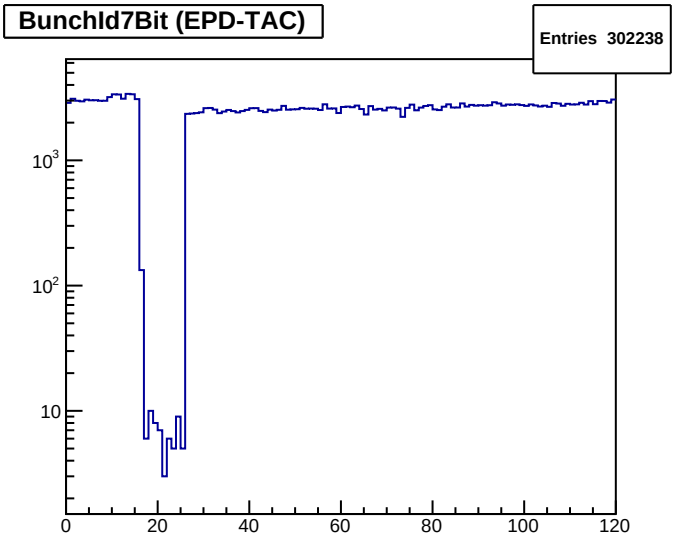
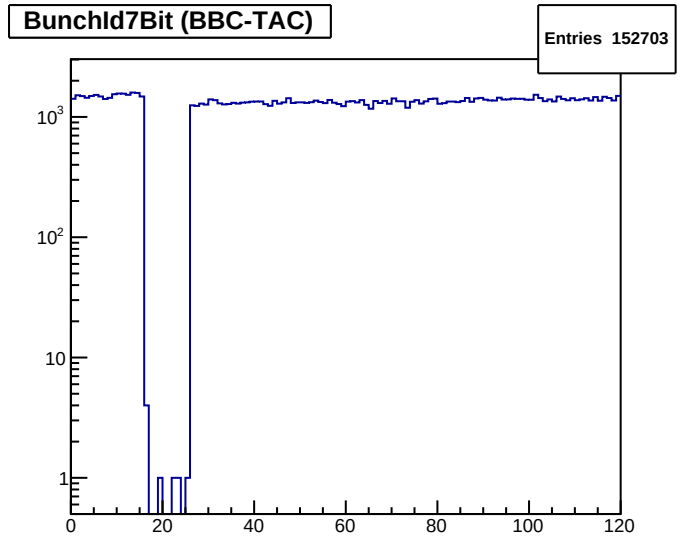
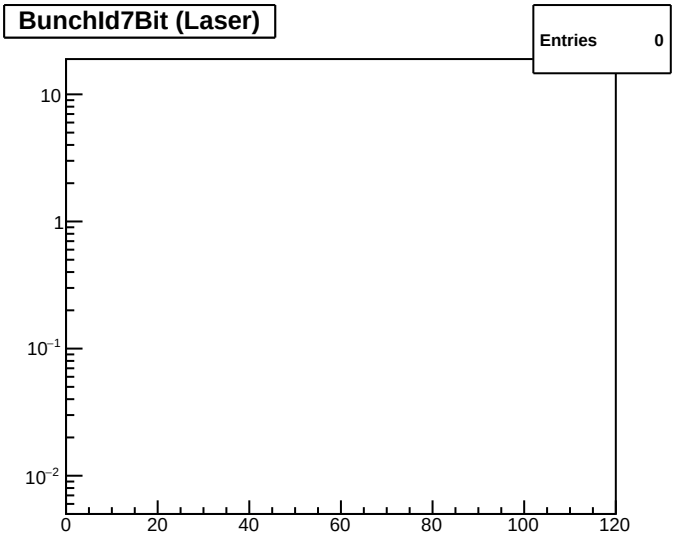
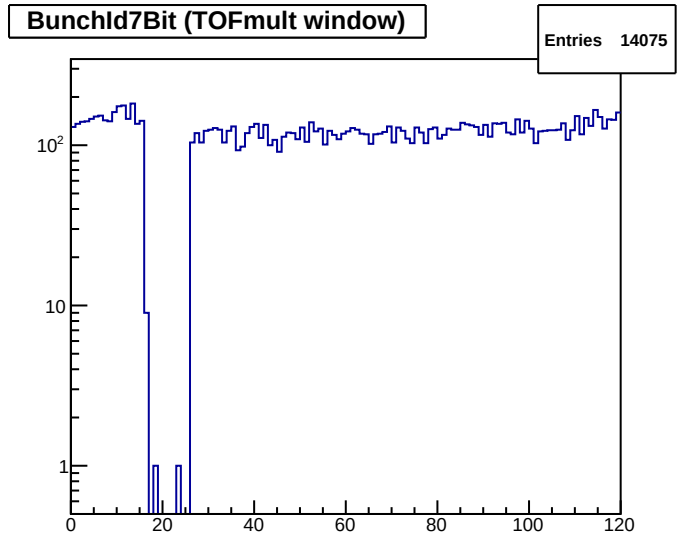

BunchId7Bit (VPD-TAC)
Entries 206496

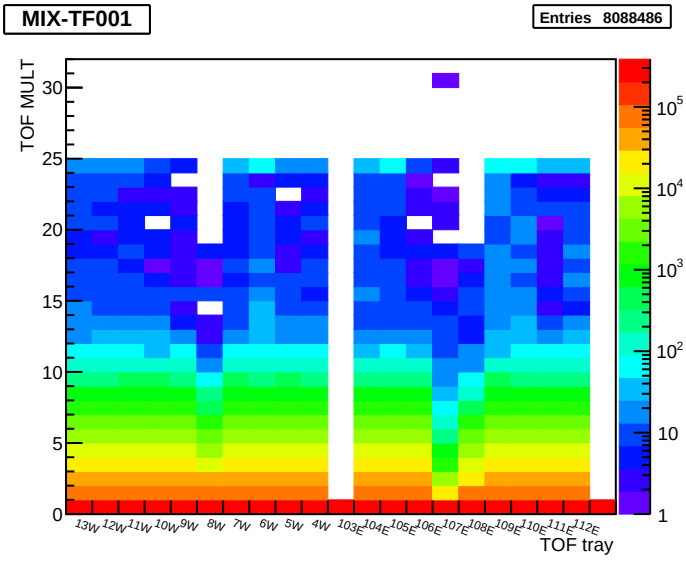

BunchId7Bit (ZDC-TAC)
Entries 946

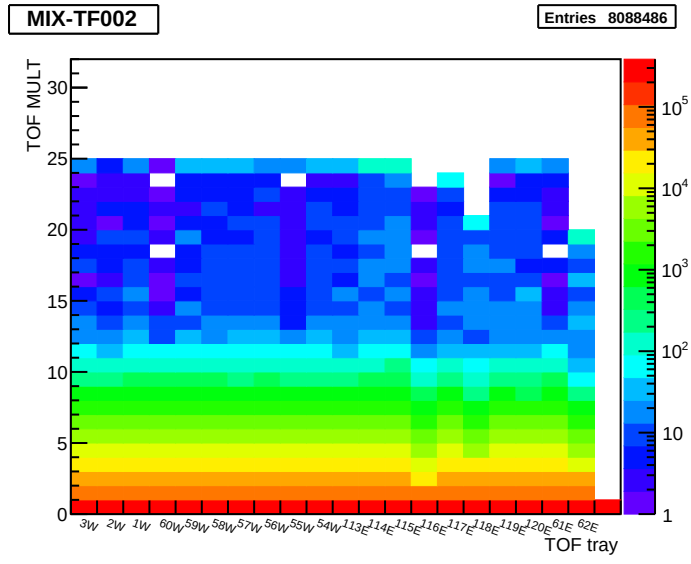

BunchId7Bit (EPD-TAC)
Entries 302238

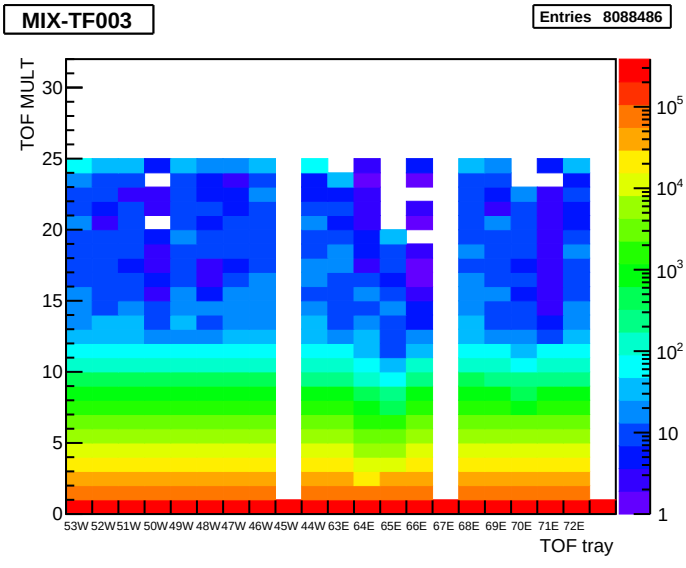

BunchId7Bit (BBC-TAC)
Entries 152703

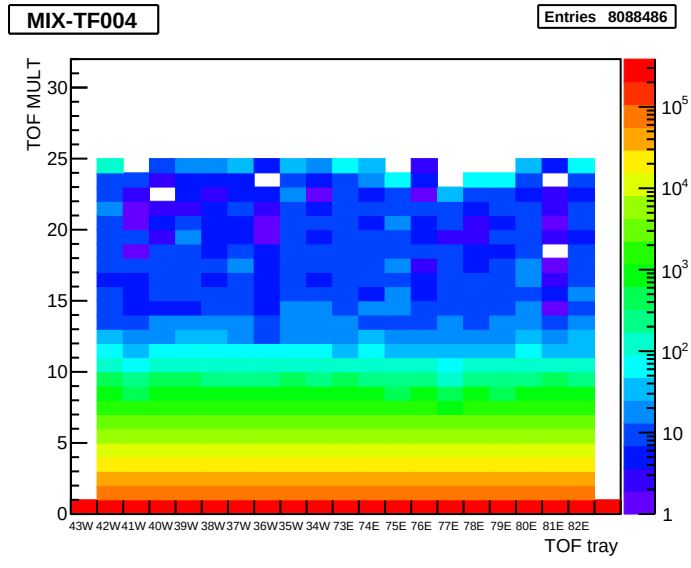

BunchId7Bit (Laser)
Entries 0

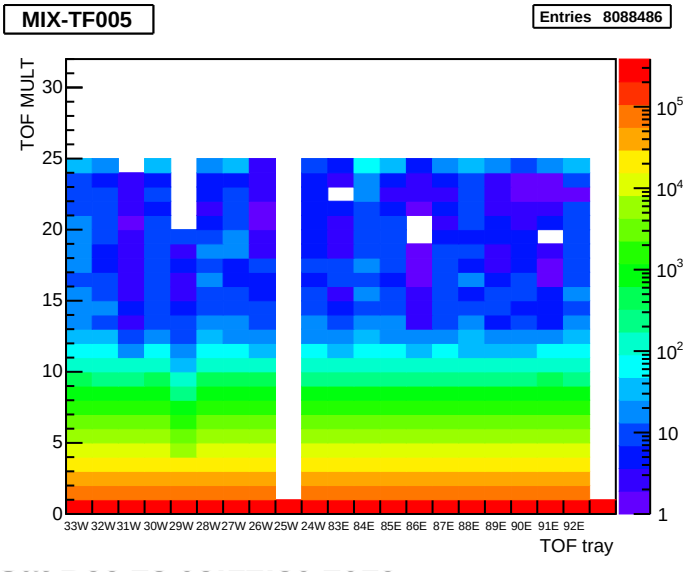

BunchId7Bit (TOFmult window)
Entries 14075

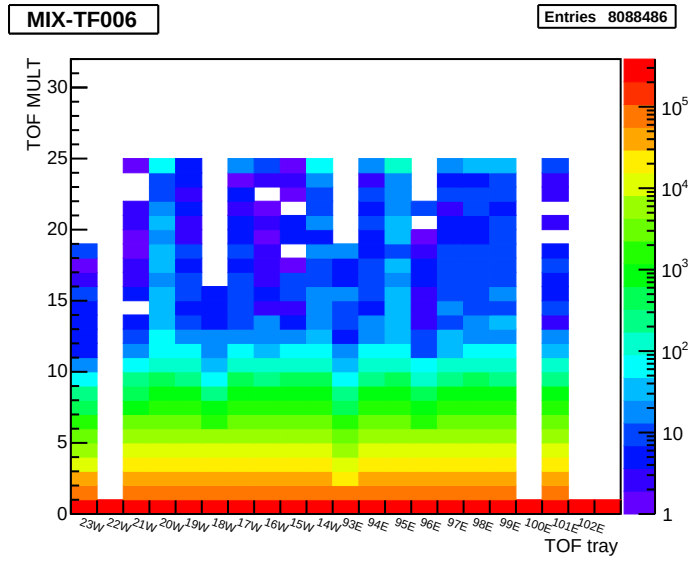

MIX-TF001
Entries 8088486
TOF MULT
TOF tray

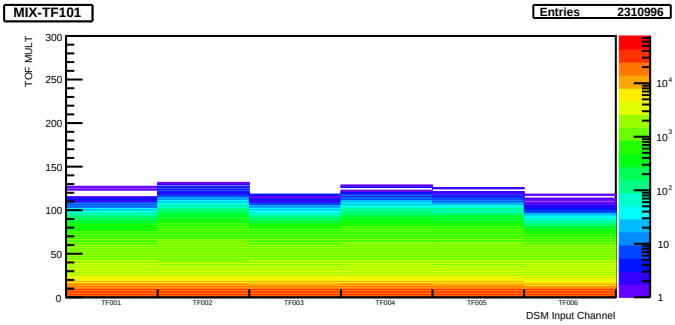

MIX-TF002
Entries 8088486
TOF MULT
TOF tray

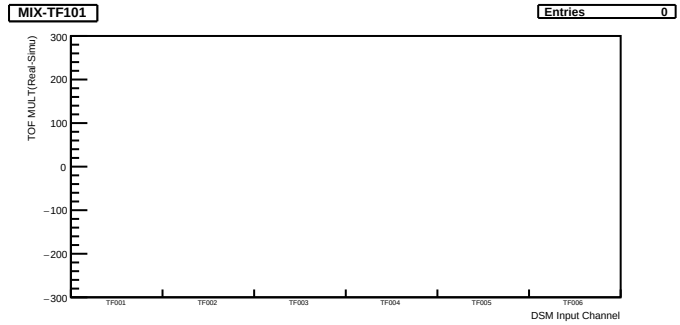

MIX-TF003
Entries 8088486
TOF MULT
TOF tray

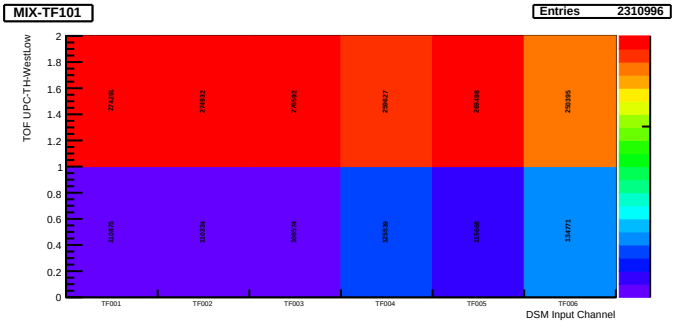

MIX-TF004
Entries 8088486
TOF MULT
TOF tray

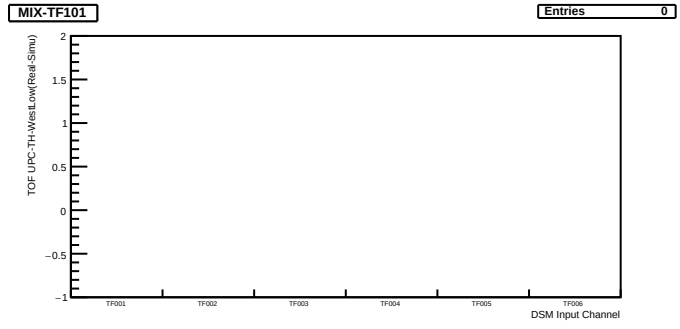

MIX-TF005
Entries 8088486
TOF MULT
TOF tray

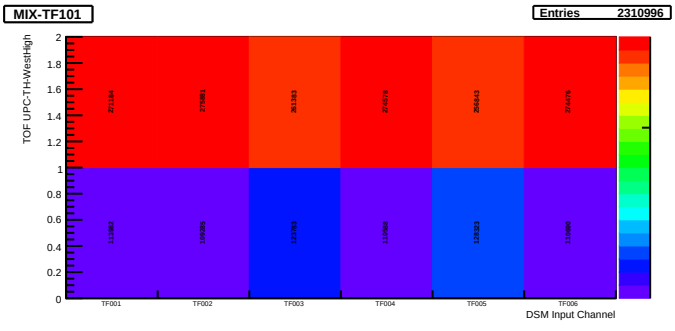

MIX-TF006
Entries 8088486
TOF MULT
TOF tray

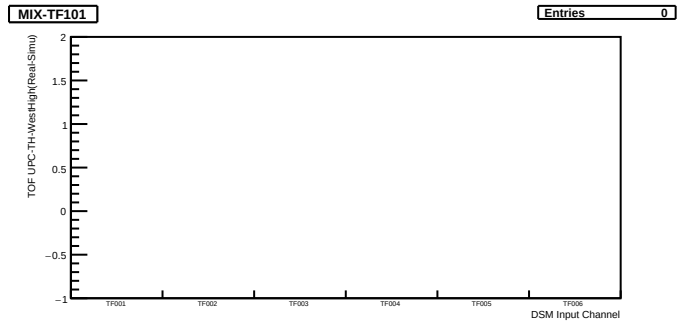

MIX-TF101
Entries 2310996
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

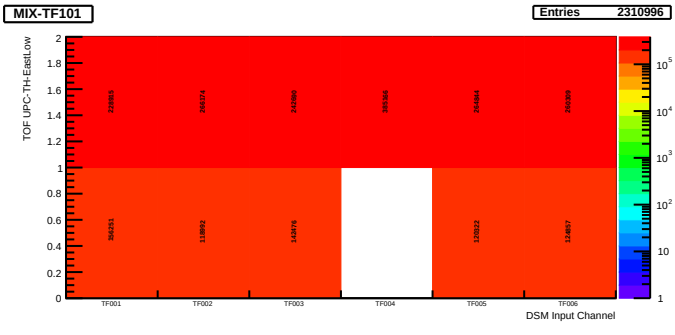

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

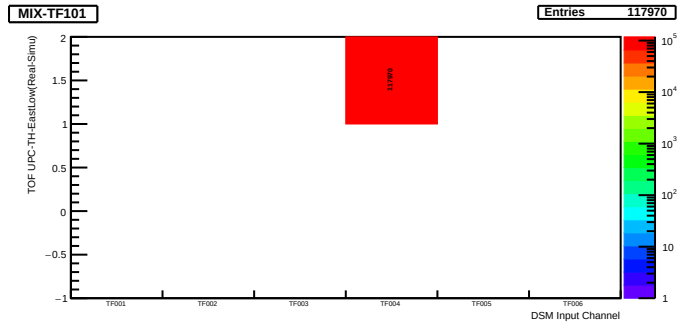

MIX-TF101
Entries 2310996
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

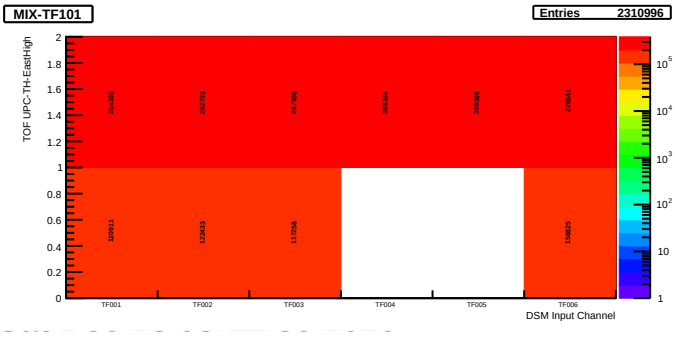

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

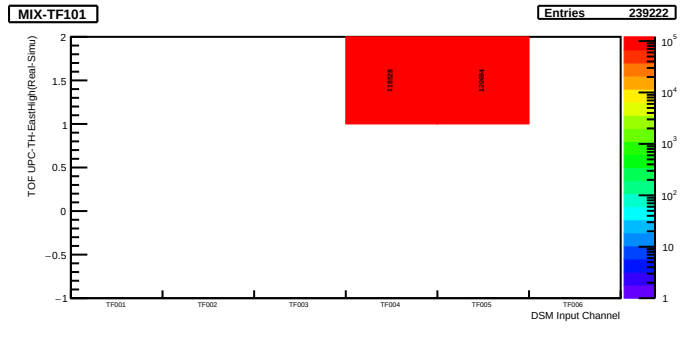

MIX-TF101
Entries 2310996
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

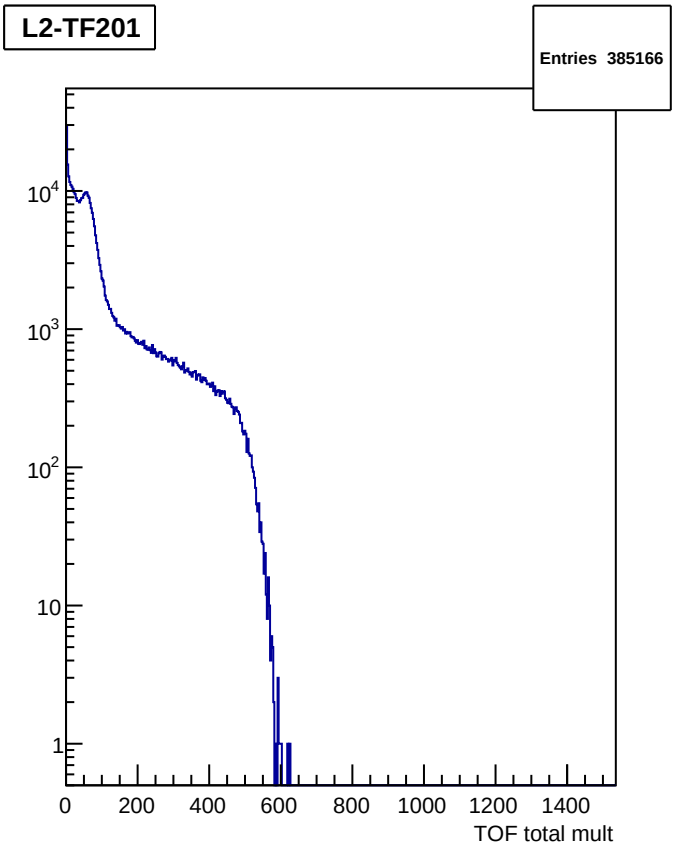

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

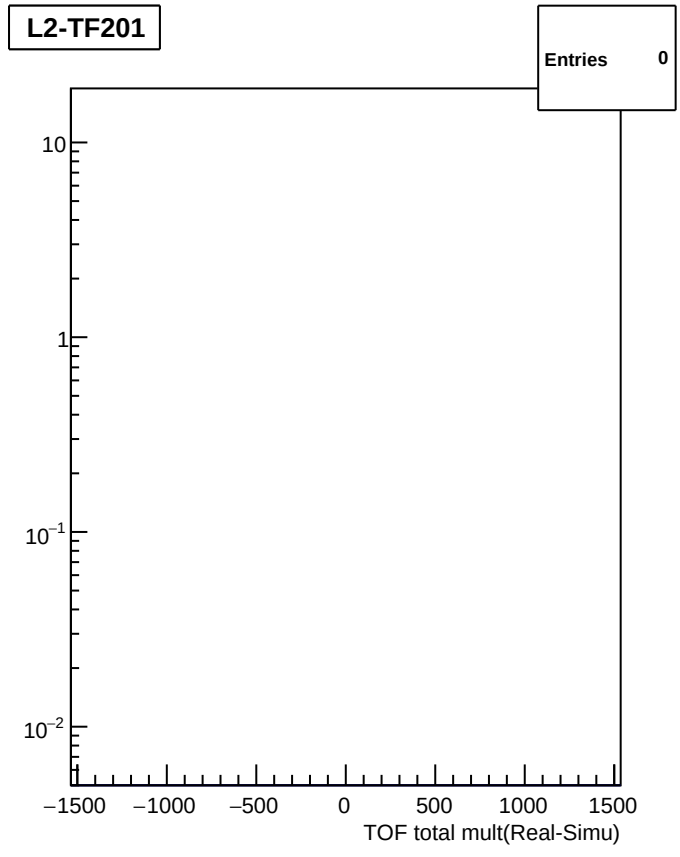

MIX-TF101
Entries 2310996
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

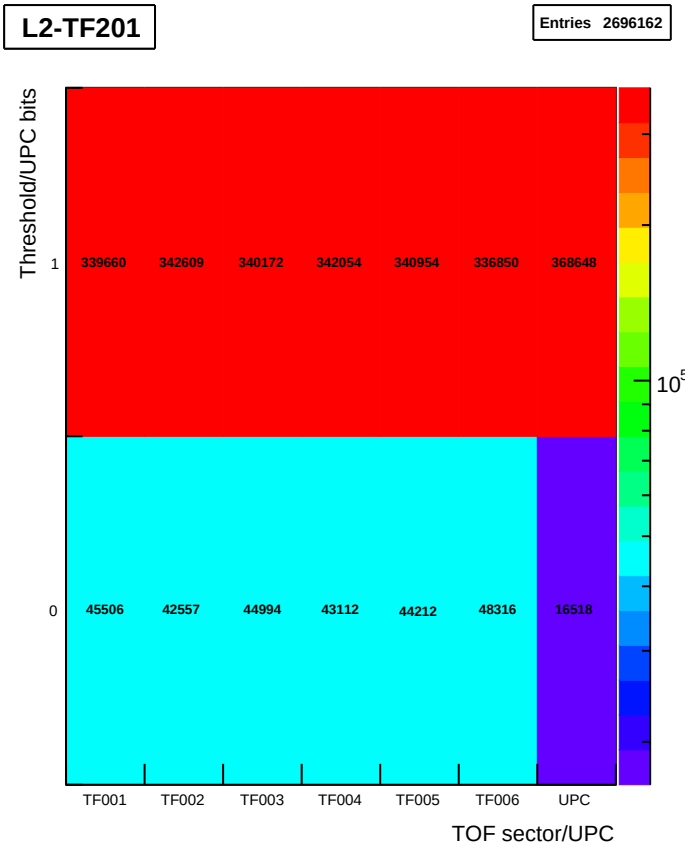

MIX-TF101
Entries 117970
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

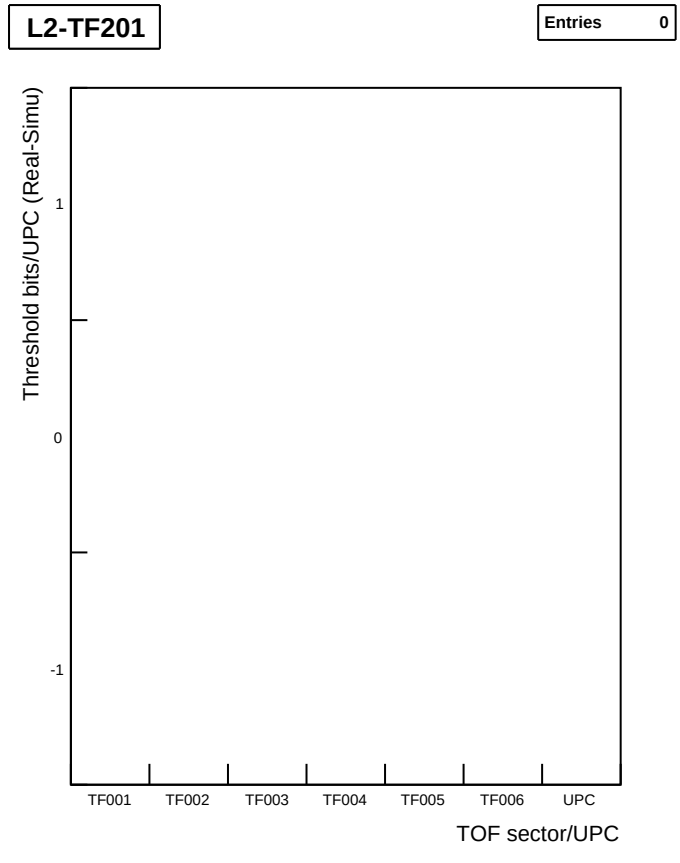

MIX-TF101
Entries 2310996
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

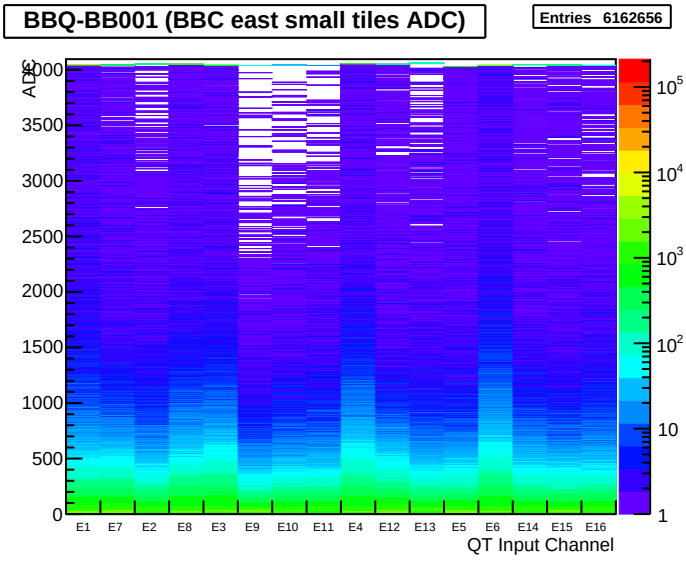

MIX-TF101
Entries 239222
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

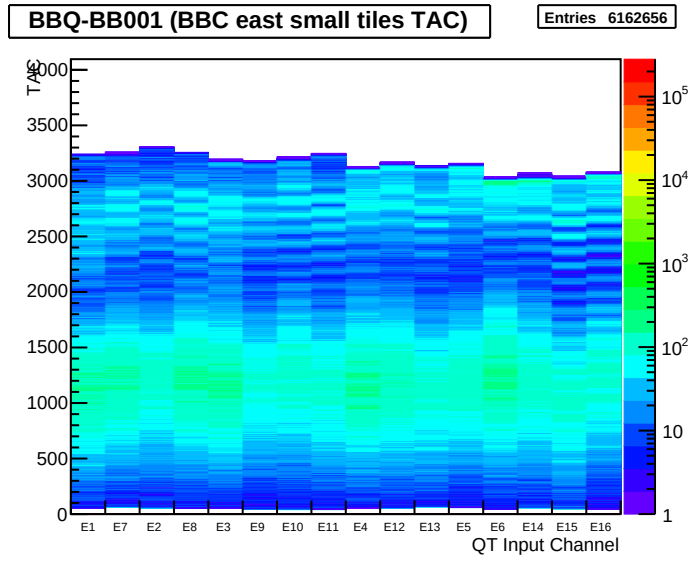

L2-TF201
Entries 385166
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

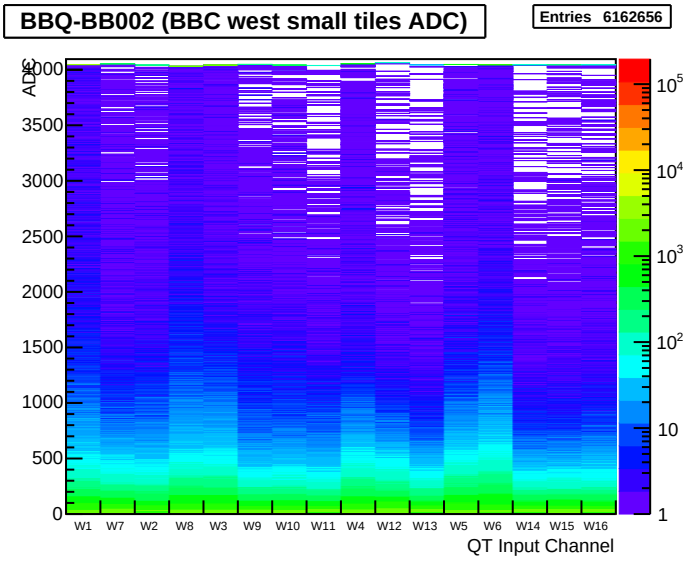

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

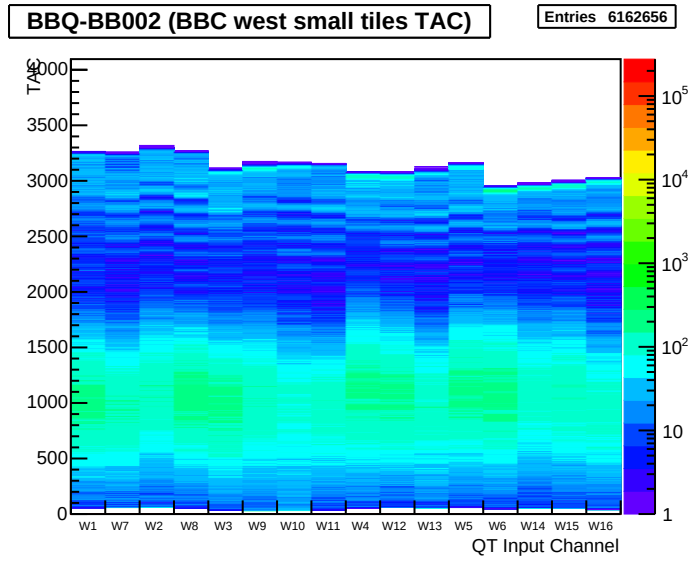

L2-TF201
Entries 2696162
Threshold/UPC bits
1
0
339660
342609
340172
342054
340954
336850
368648
45506
42557
44994
43112
44212
48316
16518
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

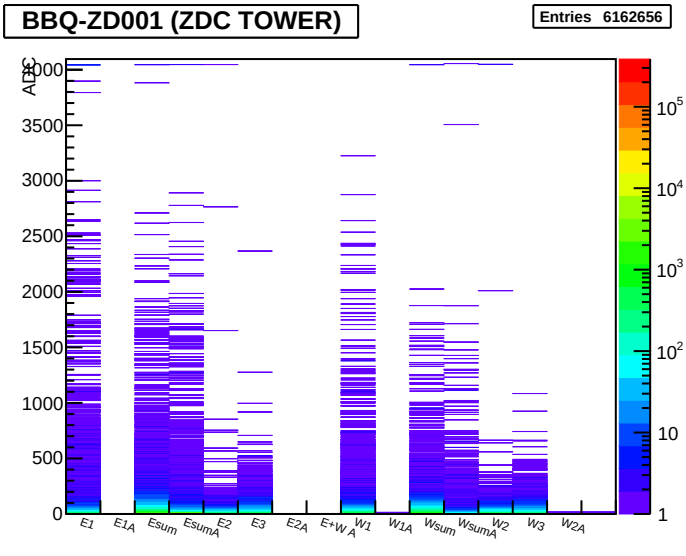

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

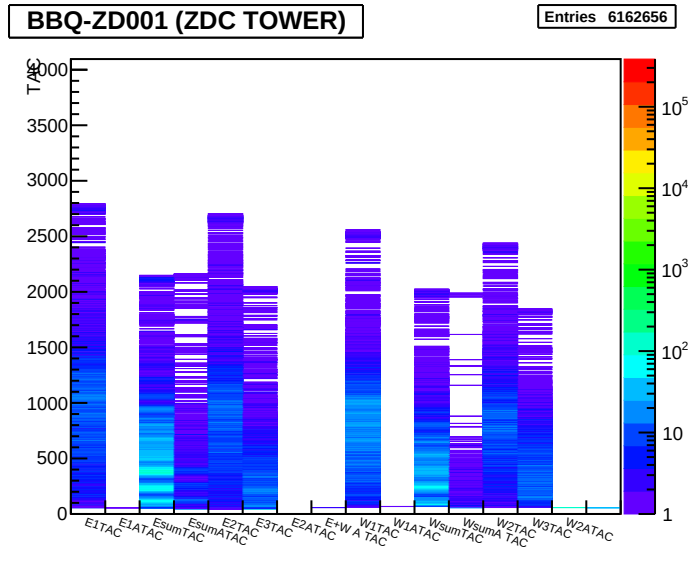

BBQ-BB001 (BBC east small tiles ADC)
Entries 6162656
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

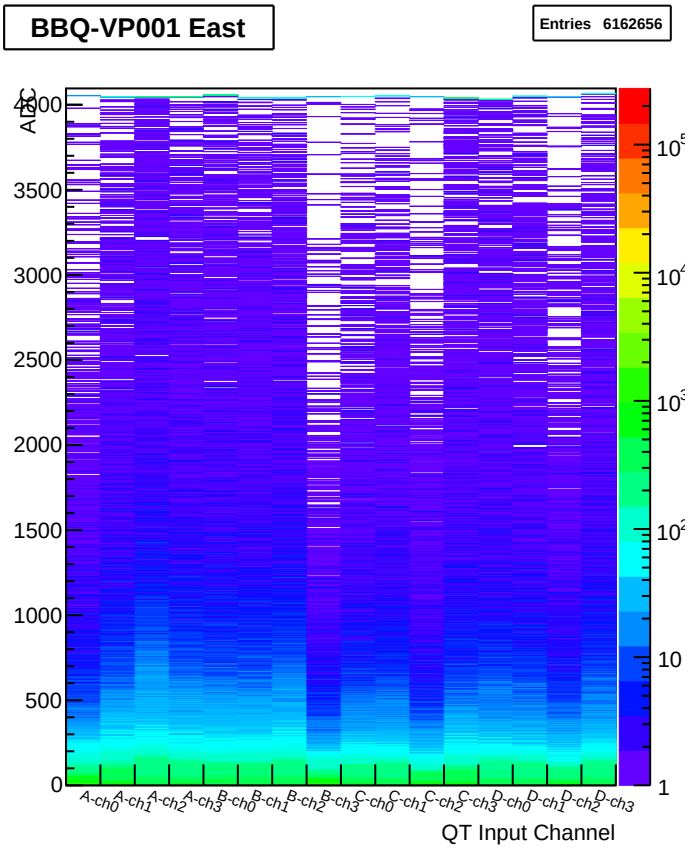

BBQ-BB001 (BBC east small tiles TAC)
Entries 6162656
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

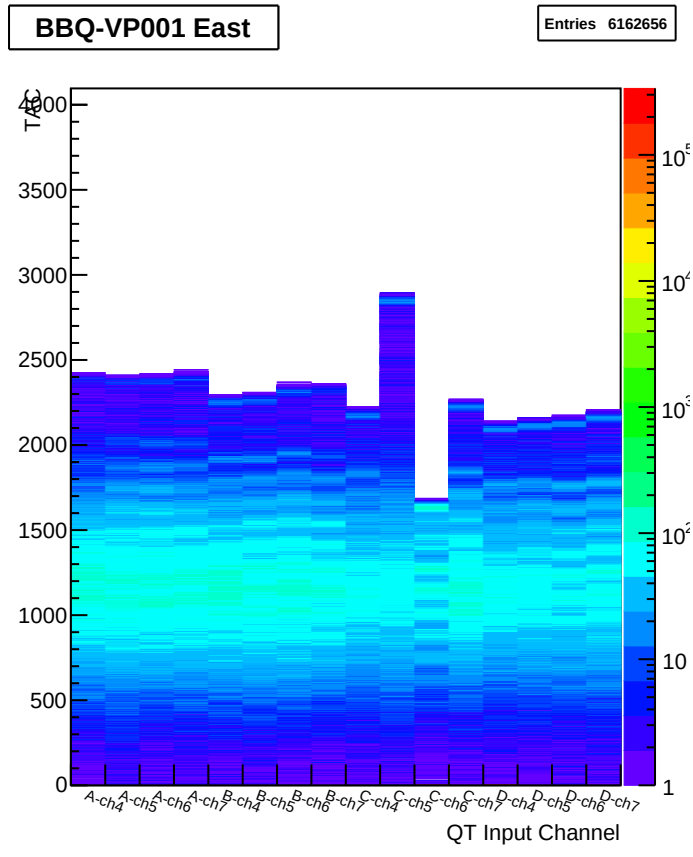

BBQ-BB002 (BBC west small tiles ADC)
Entries 6162656
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

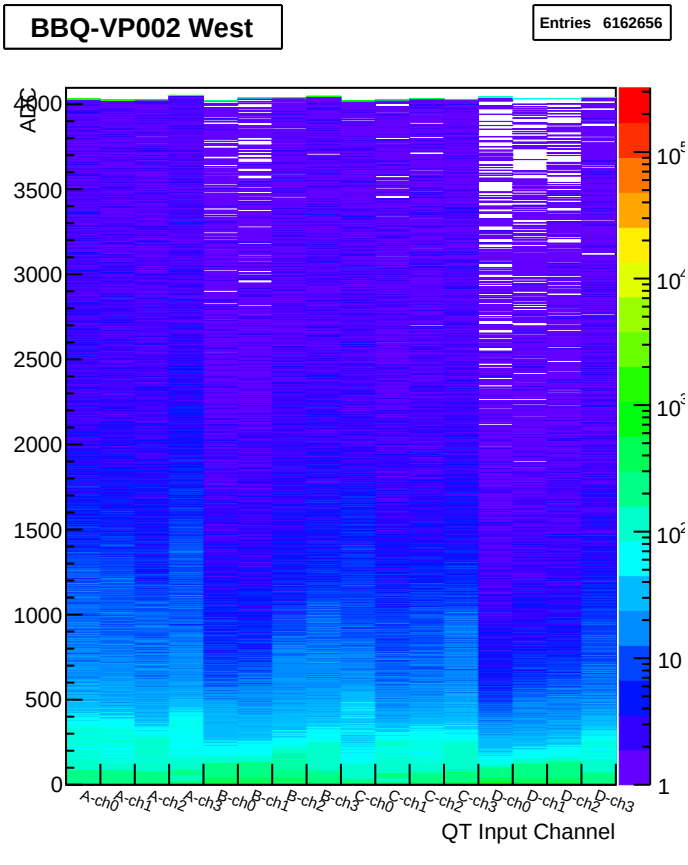

BBQ-BB002 (BBC west small tiles TAC)
Entries 6162656
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

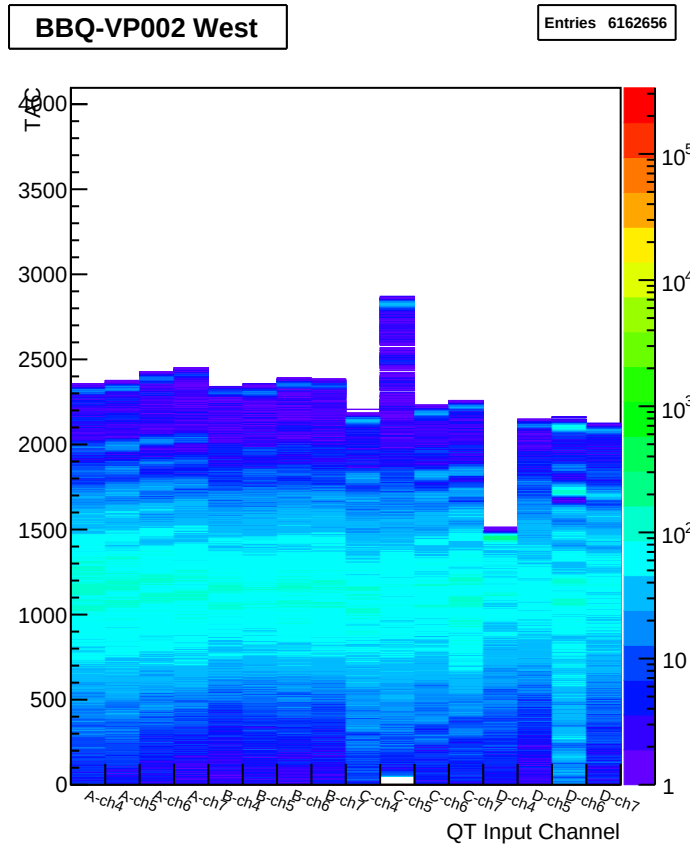

BBQ-ZD001 (ZDC TOWER)
Entries 6162656
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

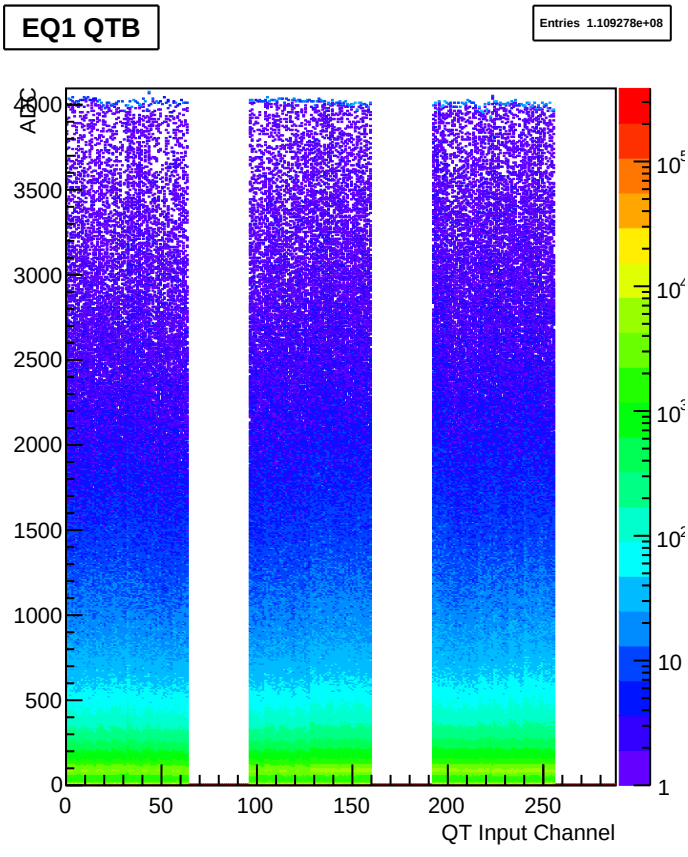

BBQ-ZD001 (ZDC TOWER)
Entries 6162656
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

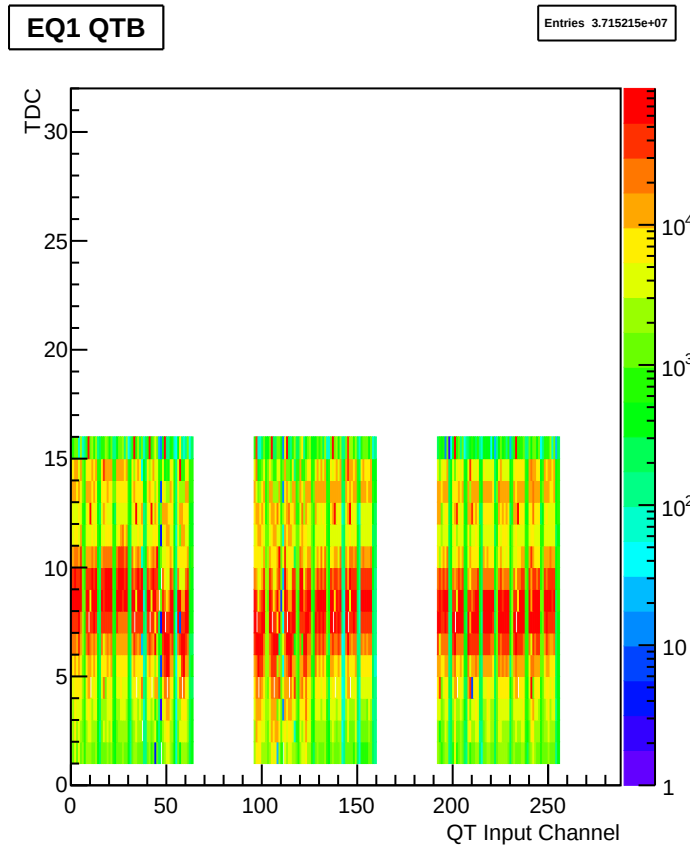

BBQ-VP001 East
Entries 6162656
ADC
QT Input Channel

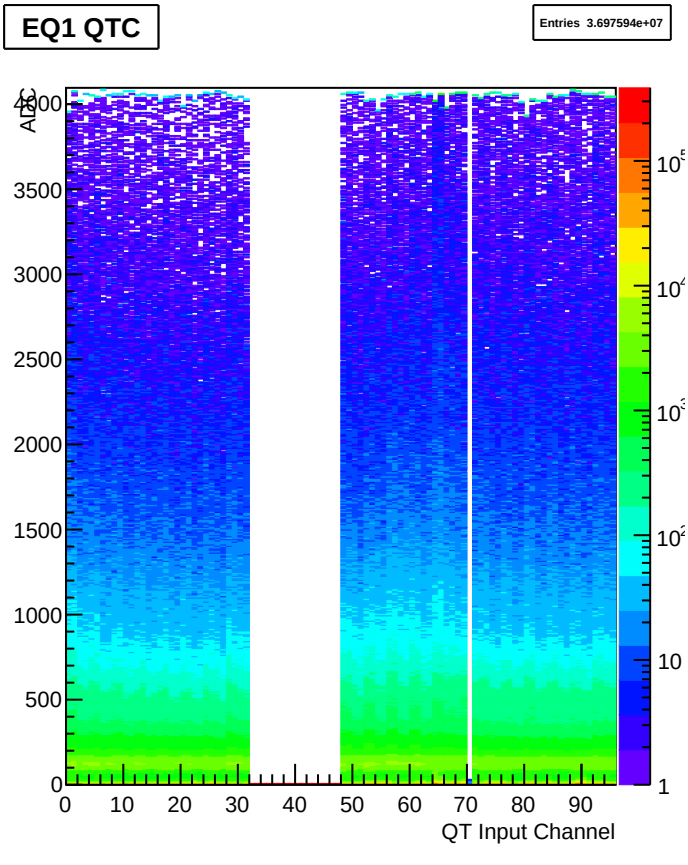

BBQ-VP001 East
Entries 6162656
TADC
QT Input Channel

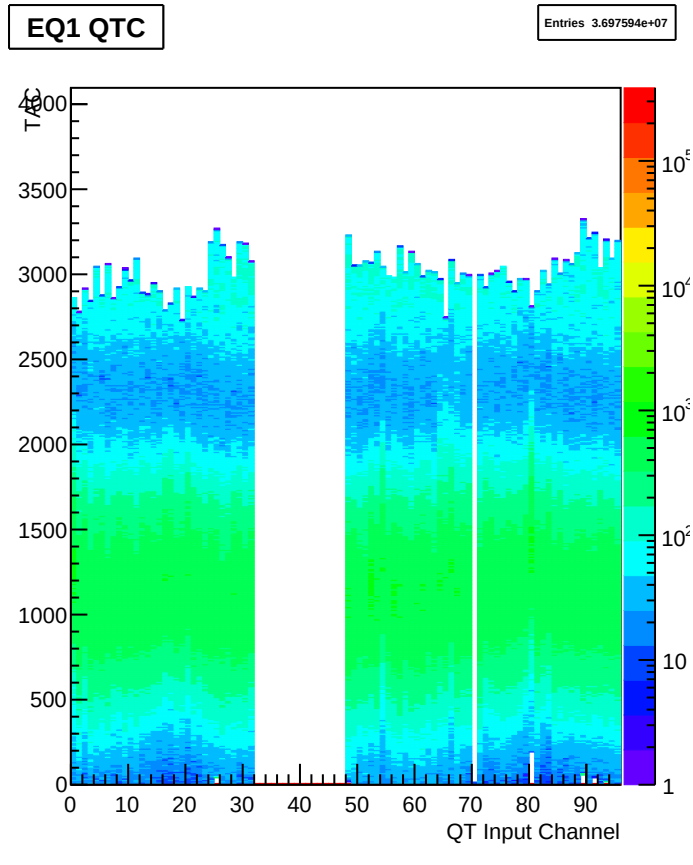

BBQ-VP002 West
Entries 6162656
ADC
QT Input Channel

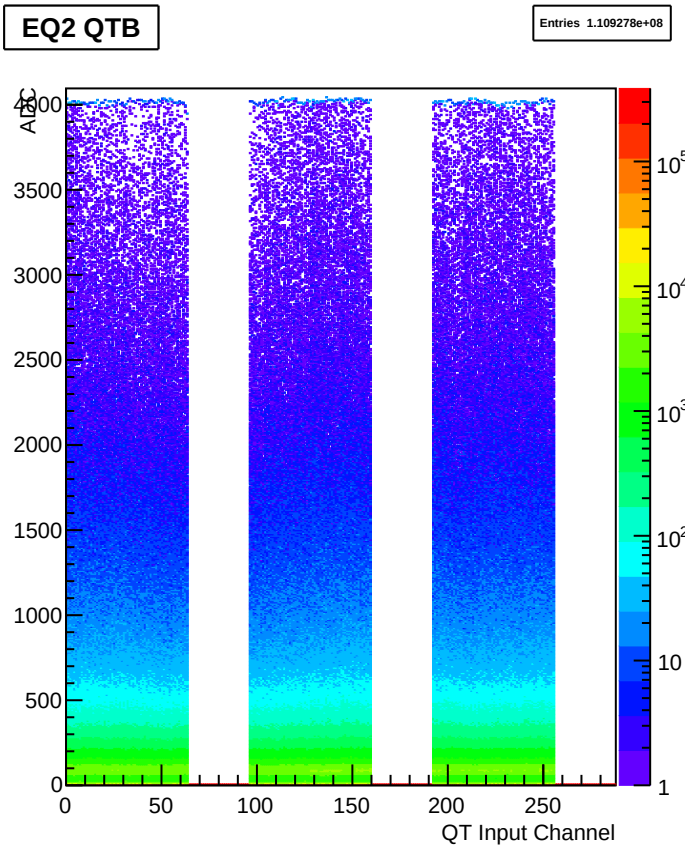

BBQ-VP002 West
Entries 6162656
TADC
QT Input Channel

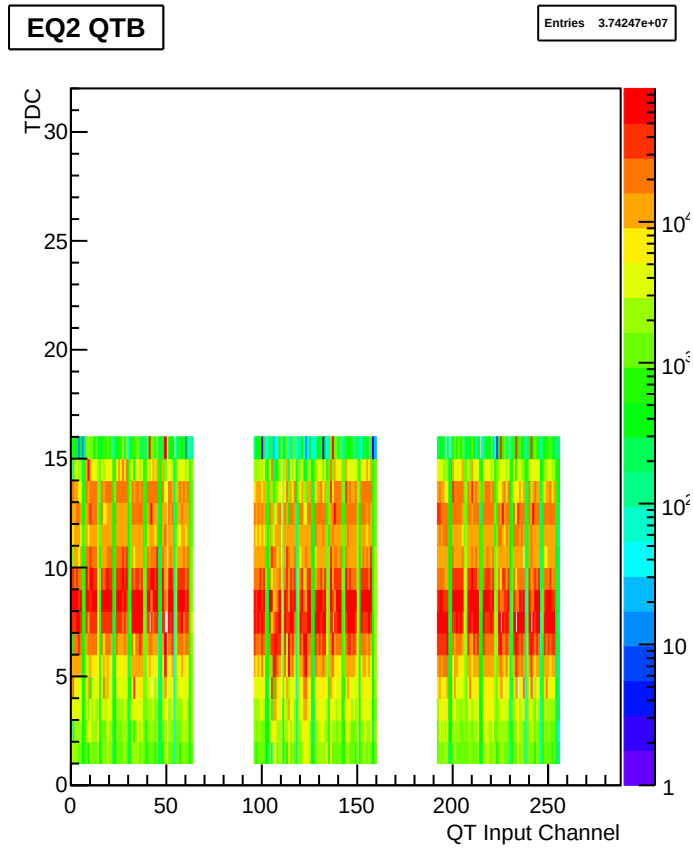

EQ1 QTB
Entries 1.109278e+08
ADC
QT Input Channel

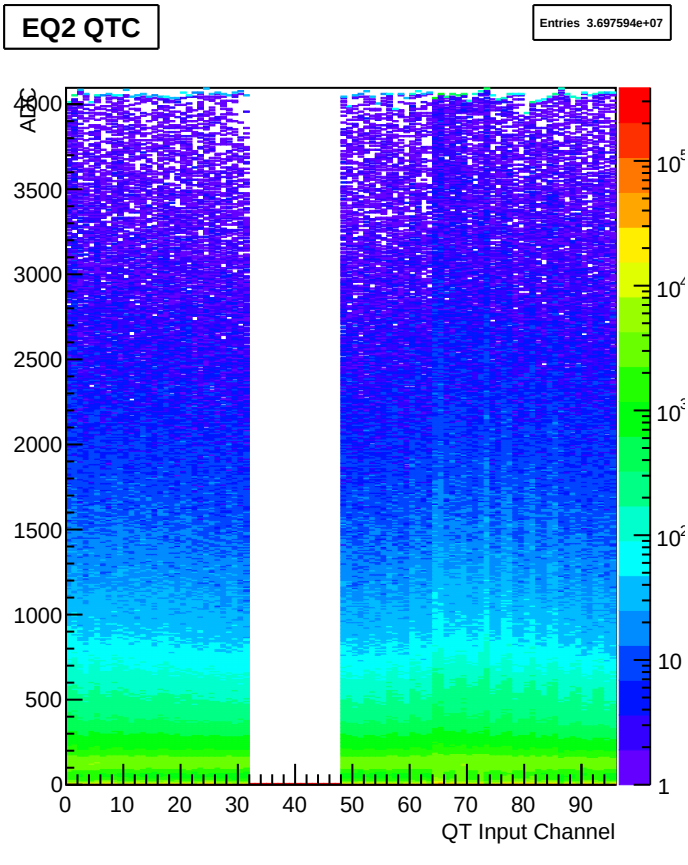

EQ1 QTB
Entries 3.715215e+07
TDC
QT Input Channel

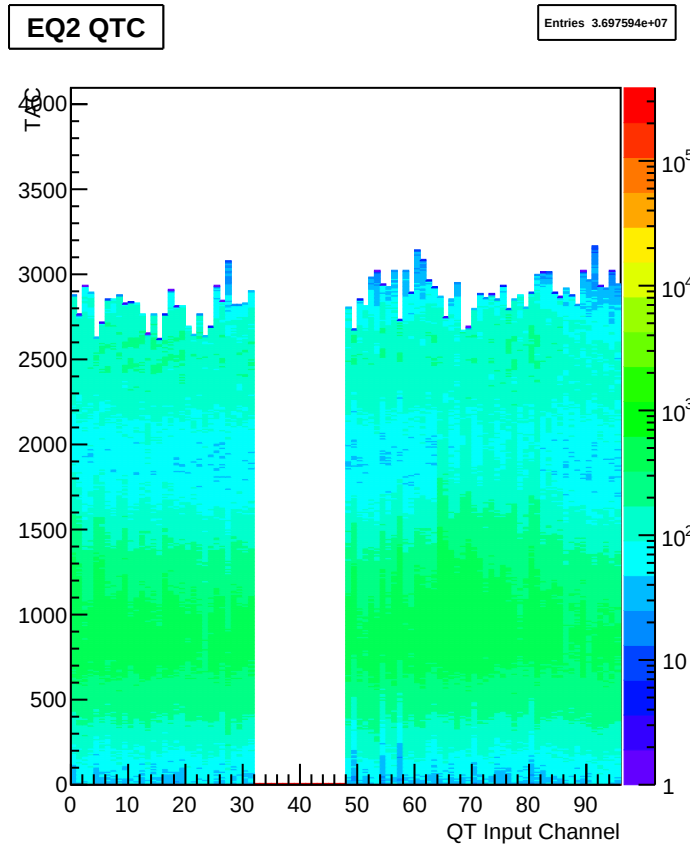

EQ1 QTC
Entries 3.697594e+07
ADC
QT Input Channel

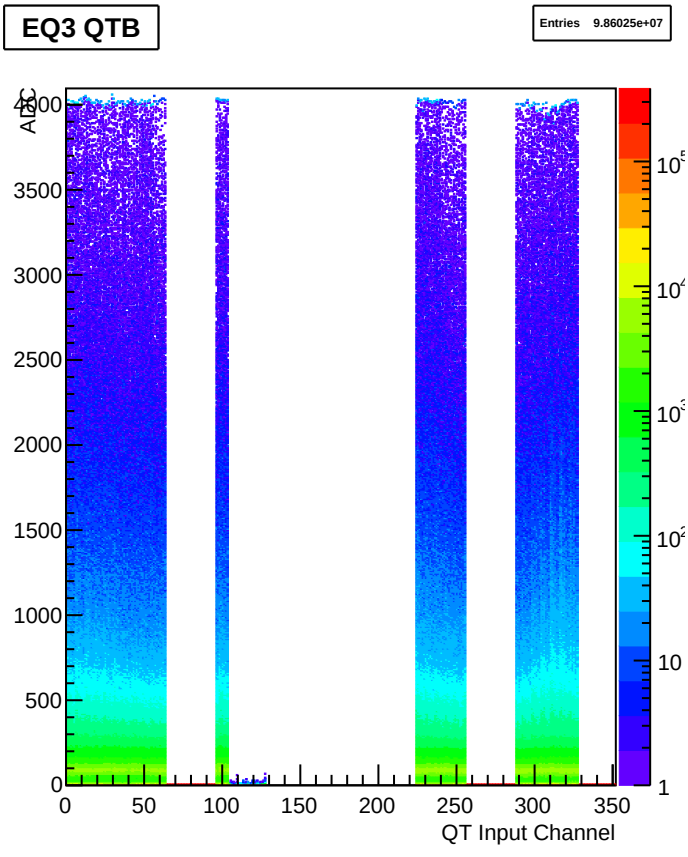

EQ1 QTC
Entries 3.697594e+07
TADC
QT Input Channel

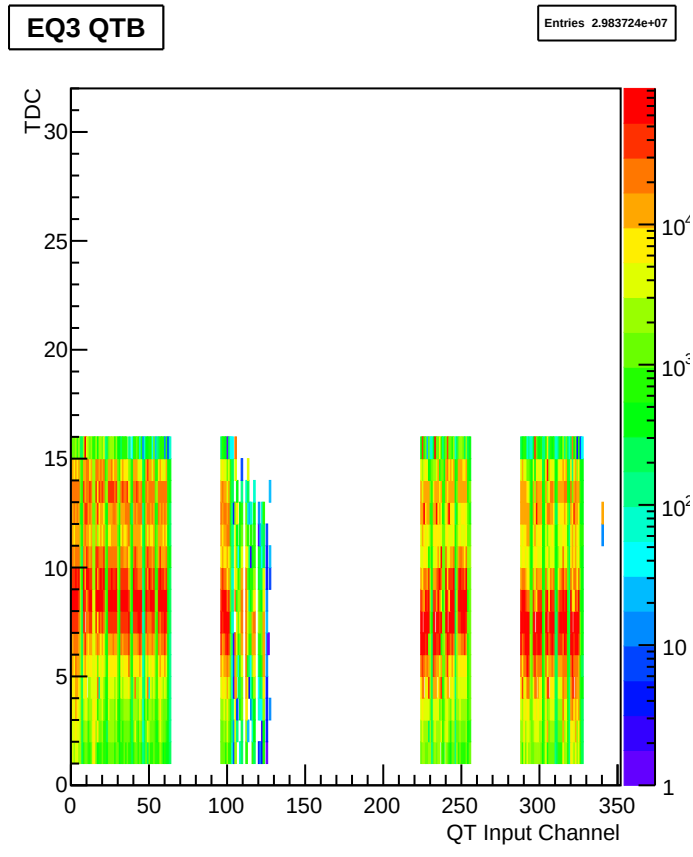

EQ2 QTB
Entries 1.109278e+08
ADC
QT Input Channel

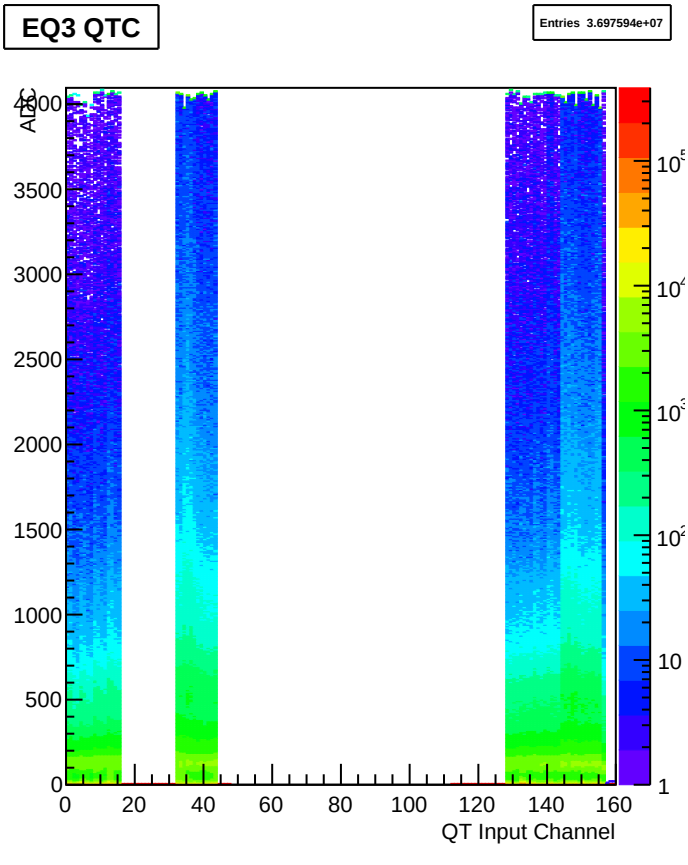

EQ2 QTB
Entries 3.74247e+07
TDC
QT Input Channel

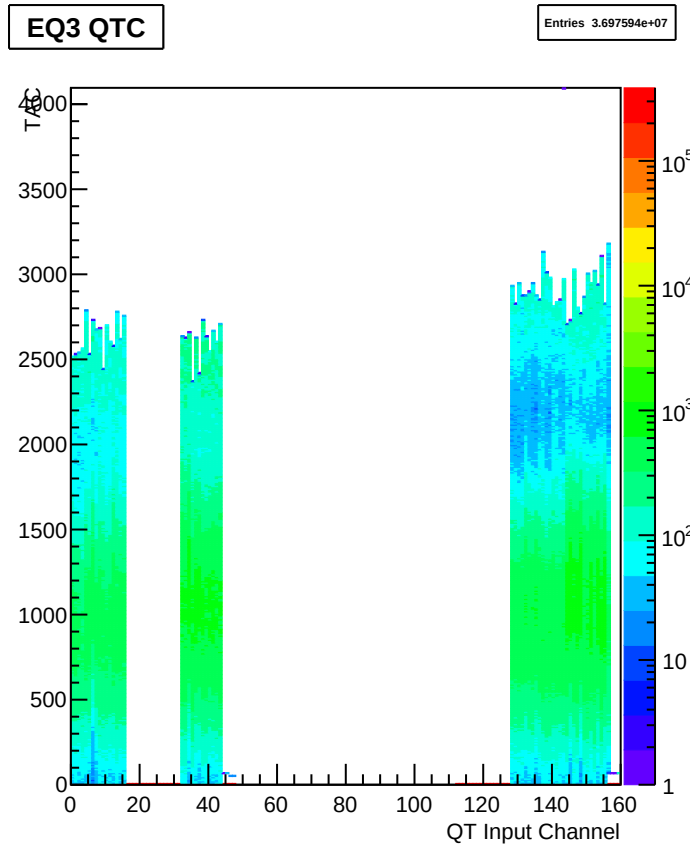

EQ2 QTC
Entries 3.697594e+07
ADC
QT Input Channel

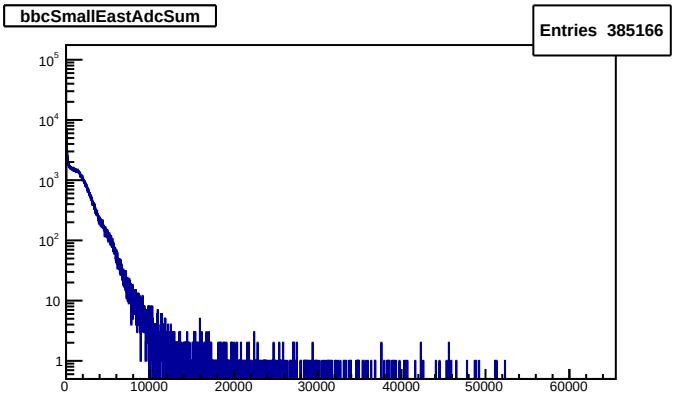

EQ2 QTC
Entries 3.697594e+07
TADC
QT Input Channel

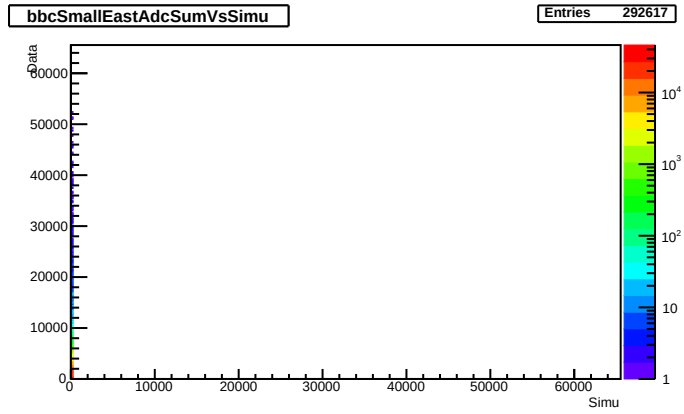

EQ3 QTB
Entries 9.86025e+07
ADC
QT Input Channel

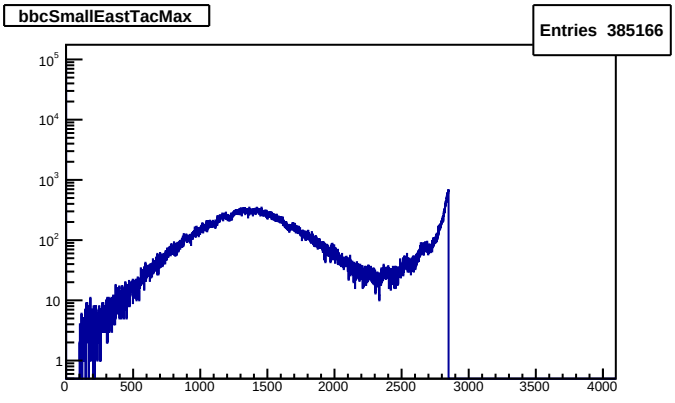

EQ3 QTB
Entries 2.983724e+07
TDC
QT Input Channel

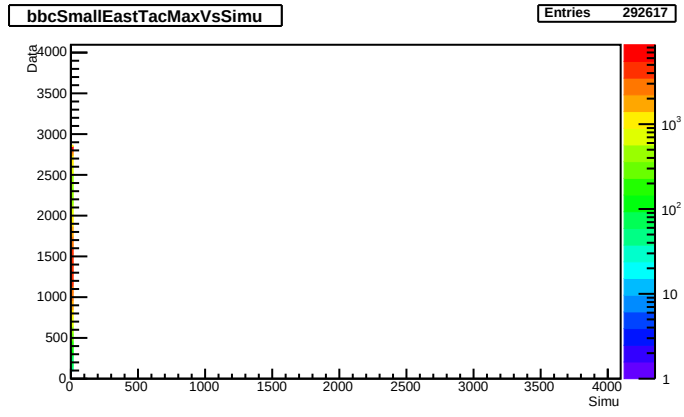

EQ3 QTC
Entries 3.697594e+07
ADC
QT Input Channel

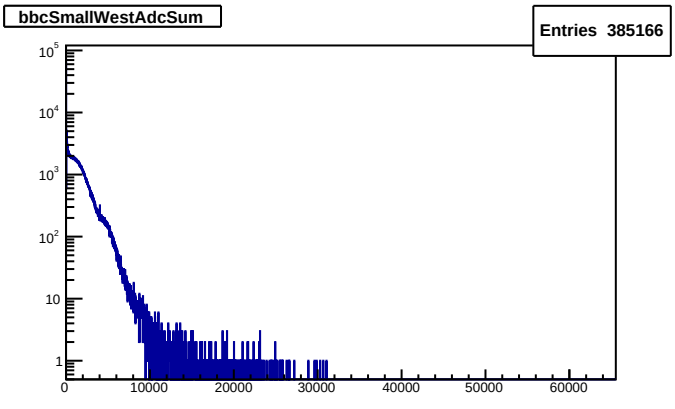

EQ3 QTC
Entries 3.697594e+07
TADC
QT Input Channel

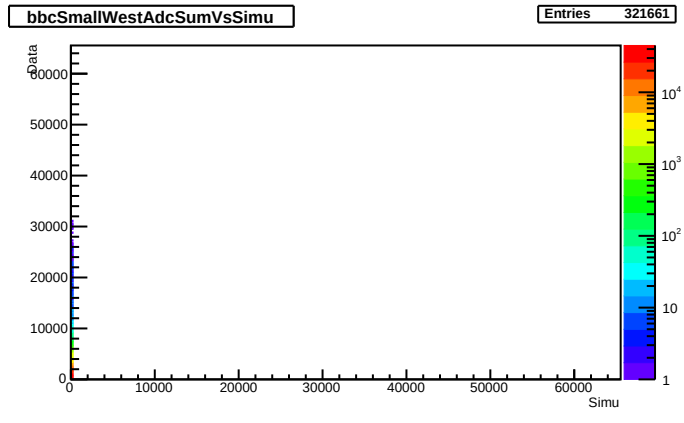

bbcSmallEastAdcSum
Entries 385166


bbcSmallEastAdcSumVsSimu
Entries 292617
Data
Simu


bbcSmallEastTacMax
Entries 385166


bbcSmallEastTacMaxVsSimu
Entries 292617
Data
Simu


bbcSmallWestAdcSum
Entries 385166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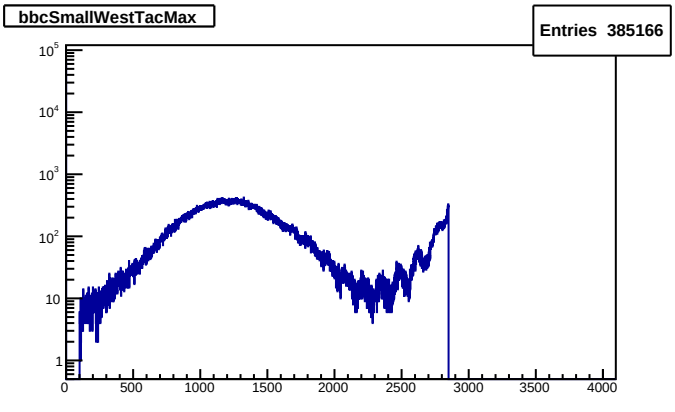
Entries 321661
Data
Simu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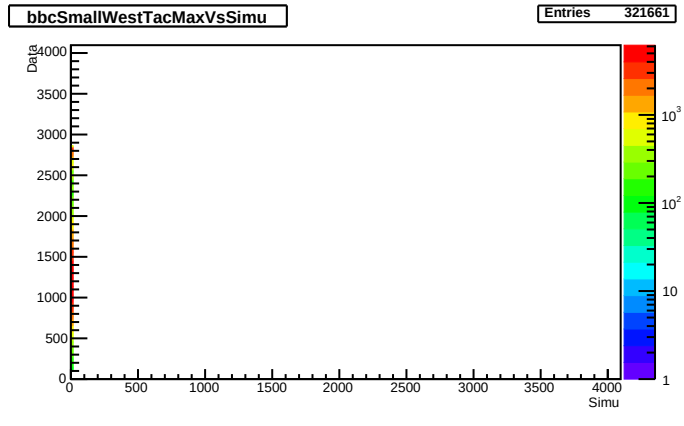
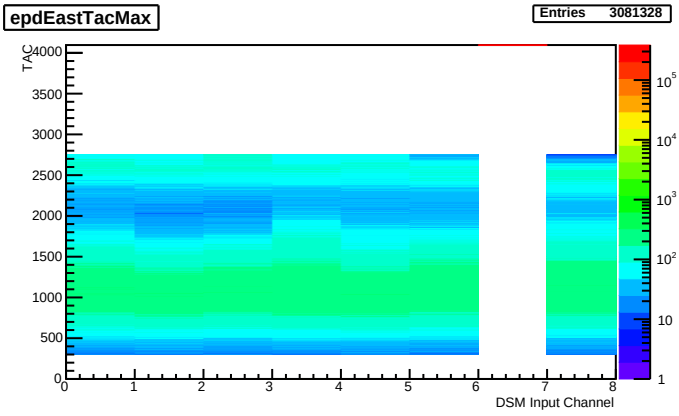
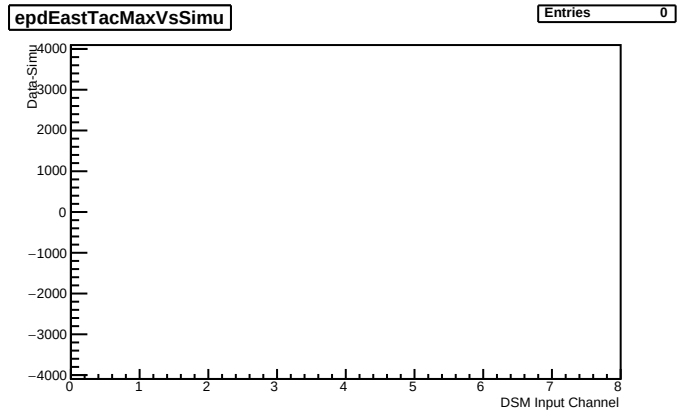
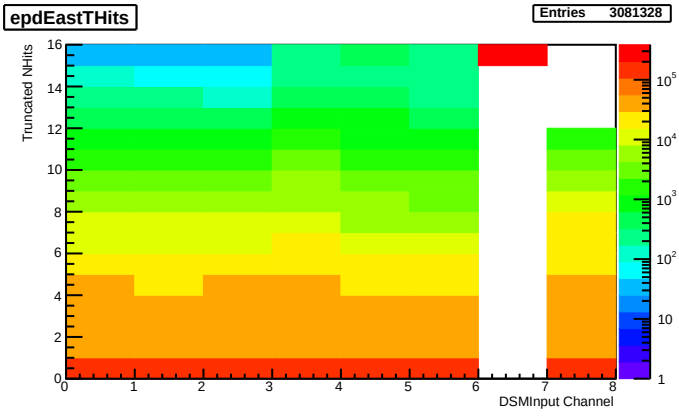
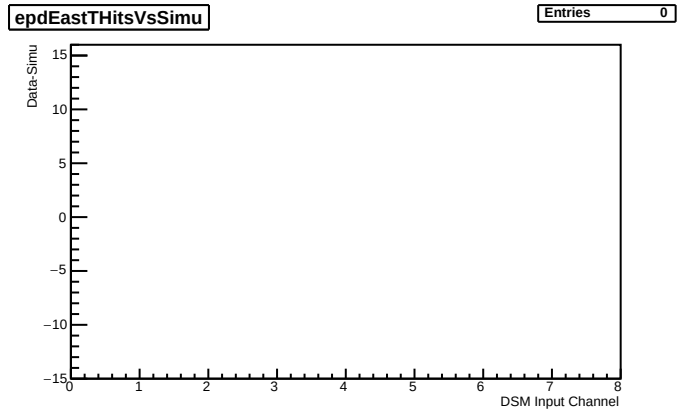
Entries 385166


bbcSmallWestTacMaxVsSimu
Entries 321661
Data
Simu


epdEastTacMax
Entries 3081328
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3081328
Truncated NHits
DSMInput Channel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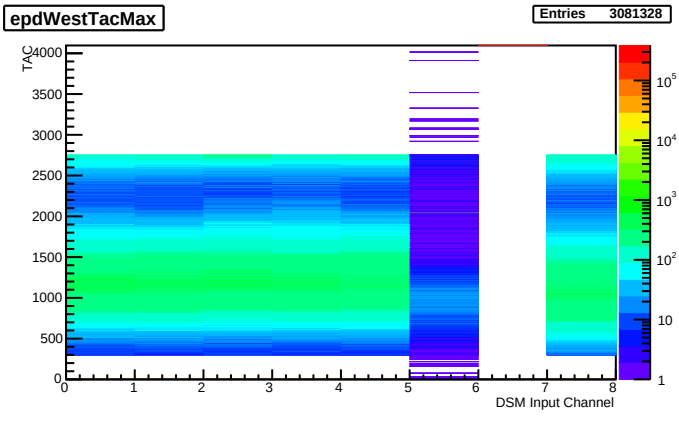
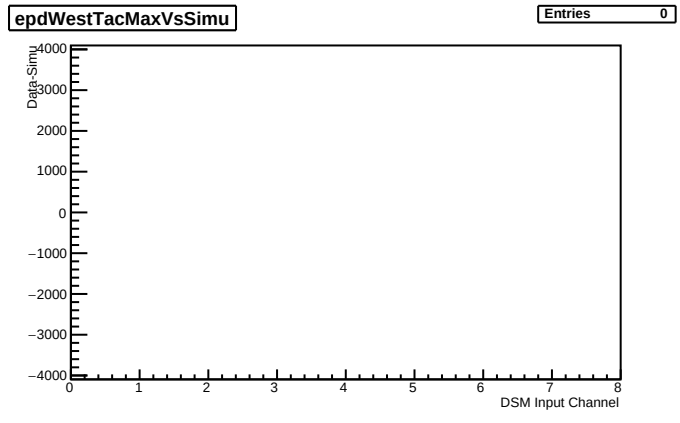
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3081328
TAC
DSM Input Channel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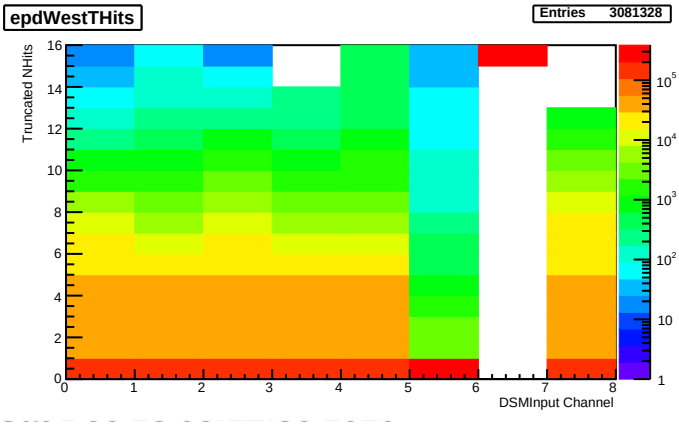
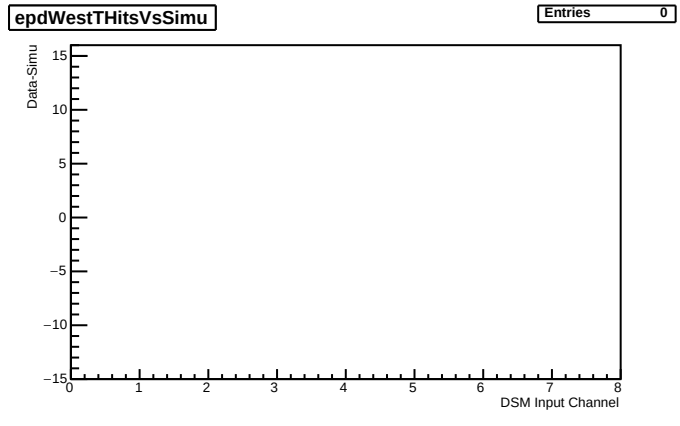
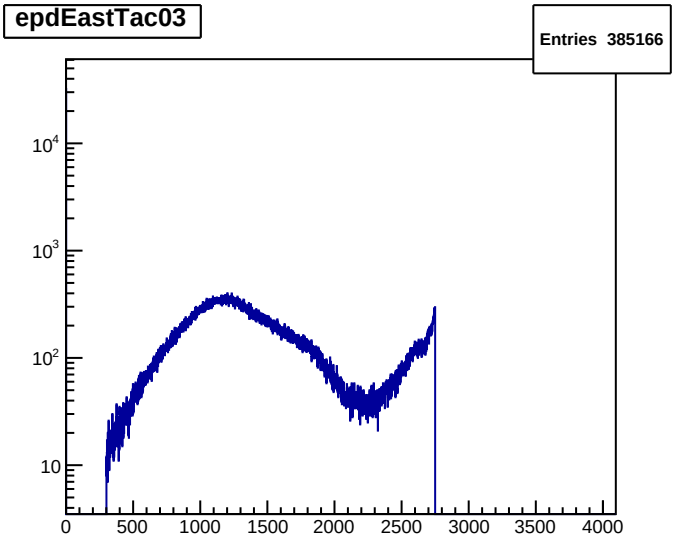
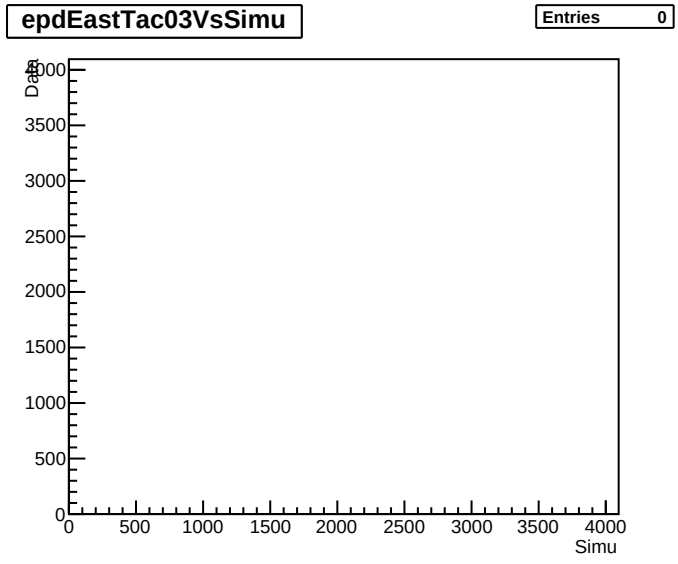
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3081328
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 385166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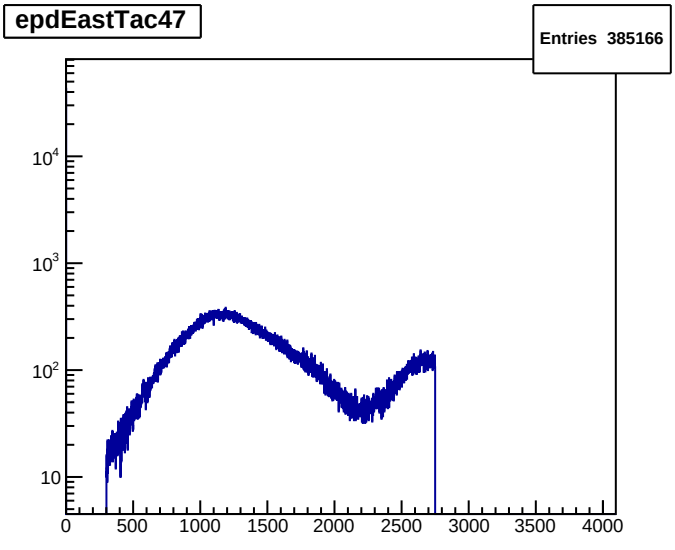
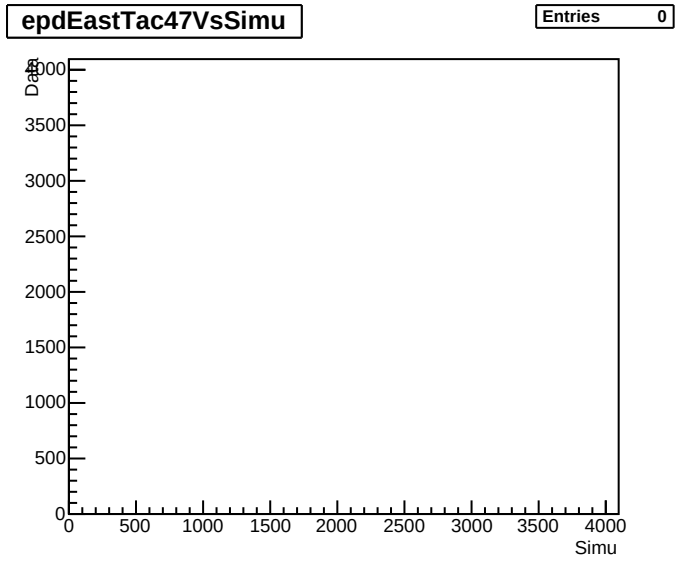
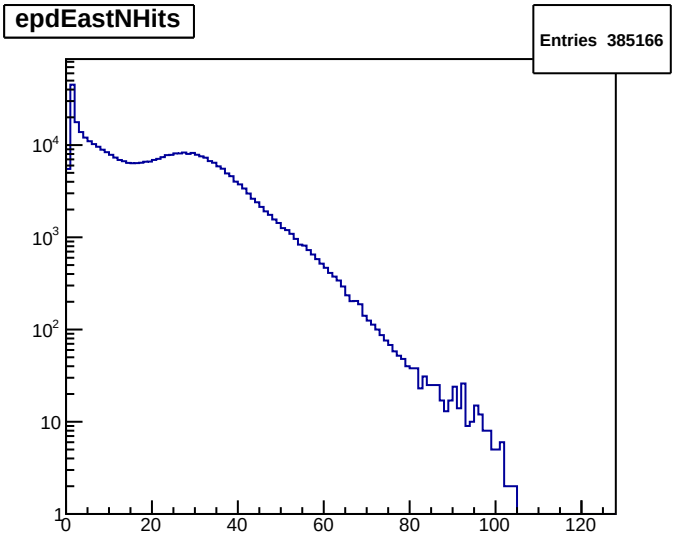
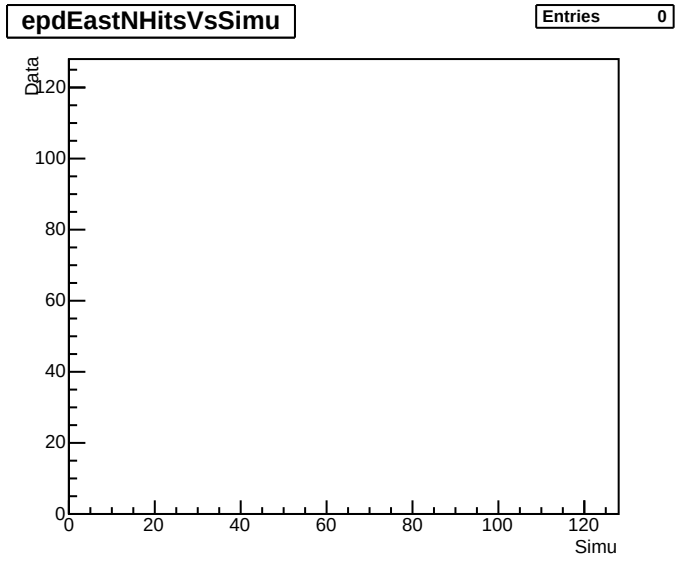
Entries 0
Data
Simu


epdEastTac47
Entries 385166


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 385166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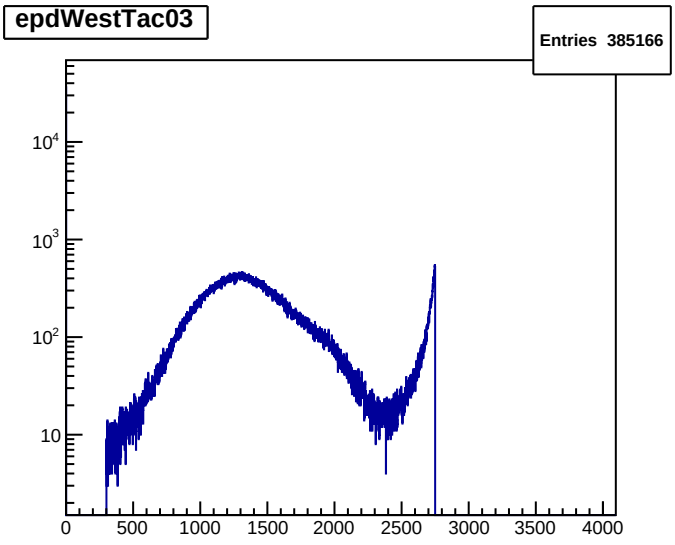
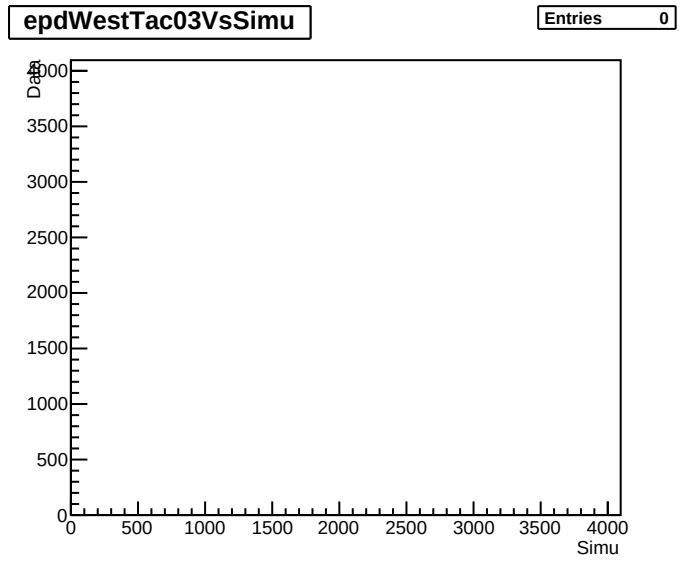
Entries 0
Data
Simu


epdWestTac03
Entries 385166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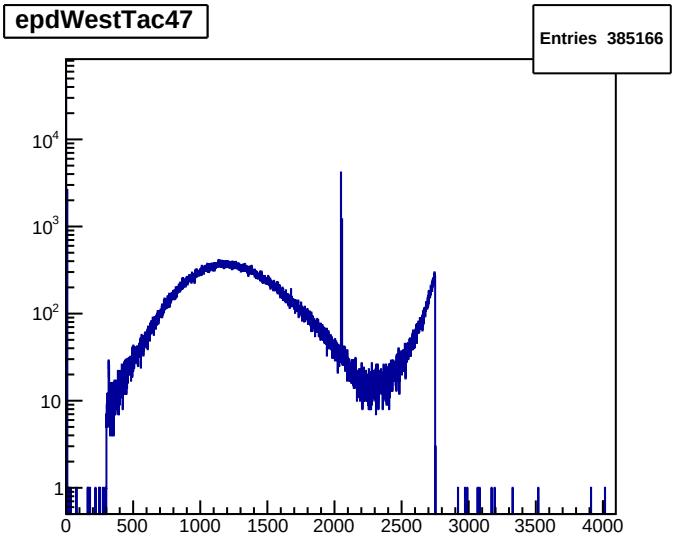
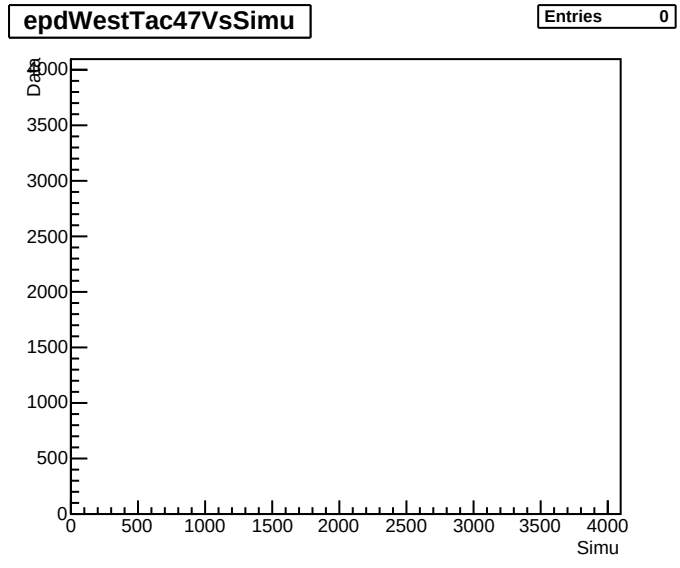
Entries 0
Data
Simu


epdWestTac47
Entries 385166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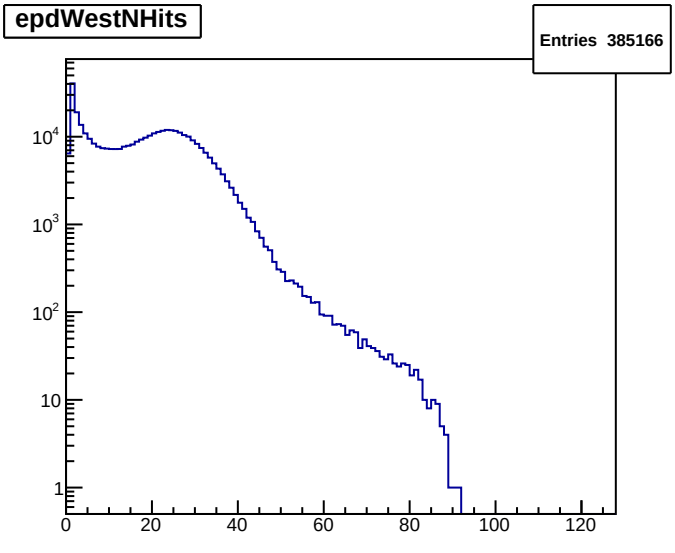
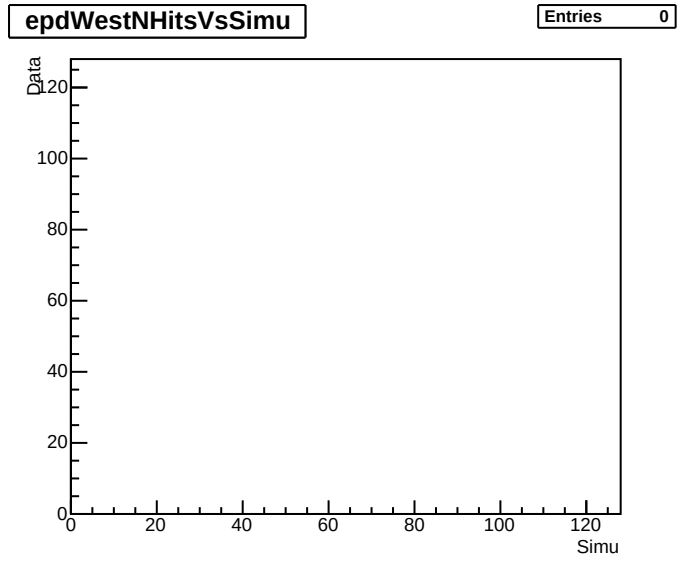
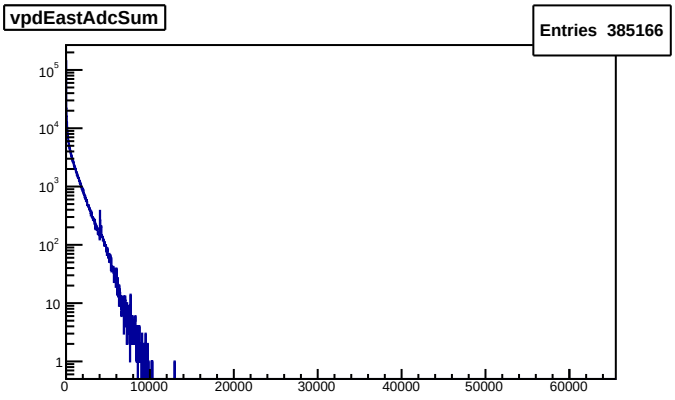
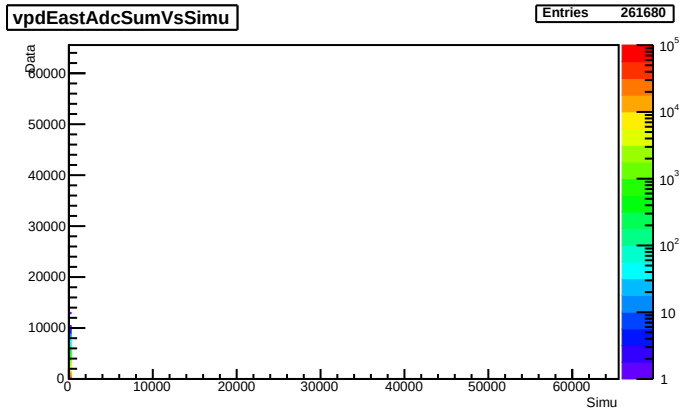
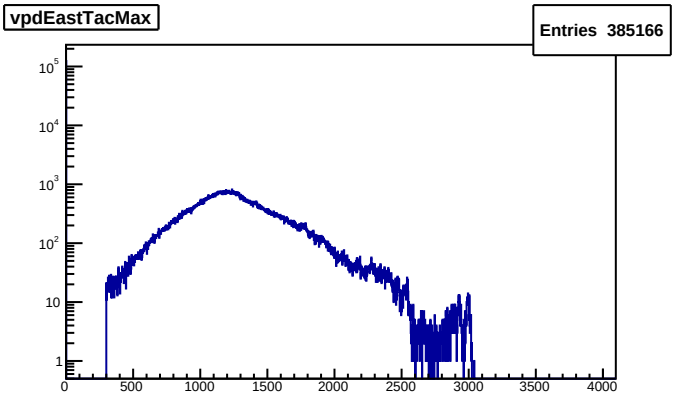
Entries 0
Data
Simu

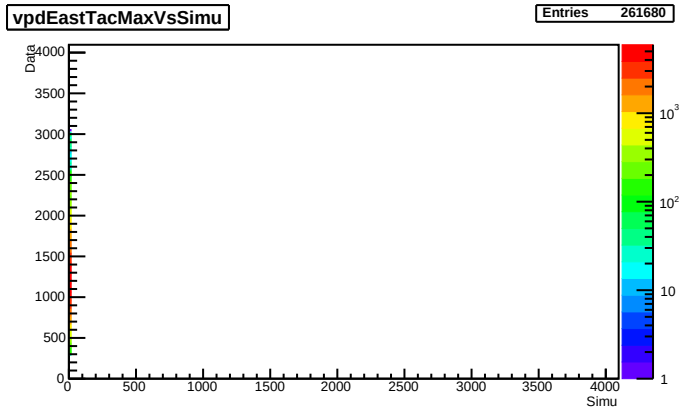

epdWestNHits
Entries 385166

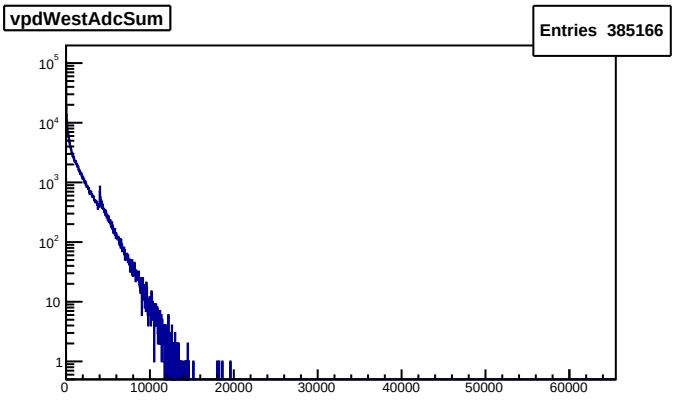

epdWestNHitsVsSimu
Entries 0
Data
Simu

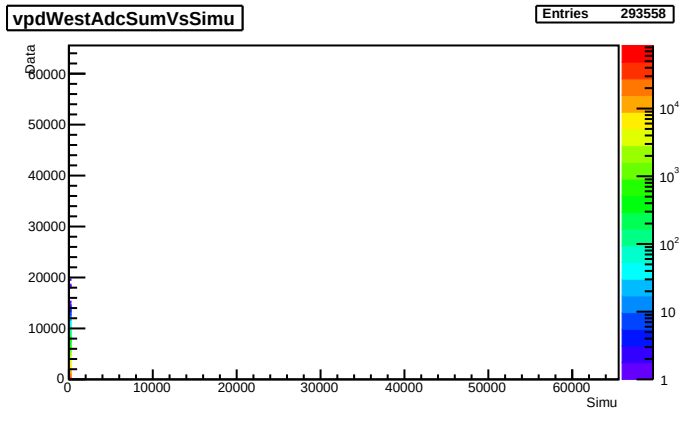

vpdEastAdcSum
Entries 385166

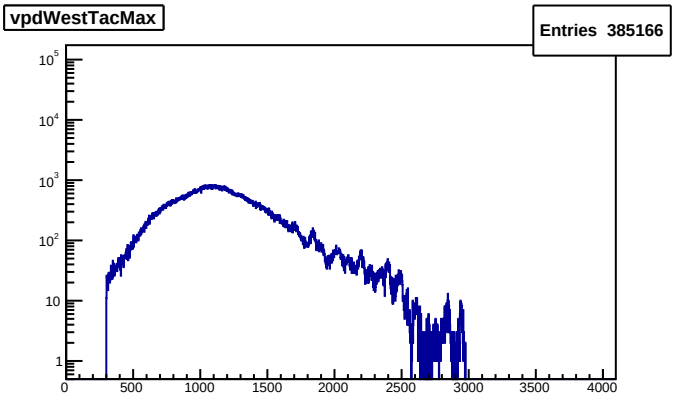

vpdEastAdcSumVsSimu
Entries 261680
Data
Simu

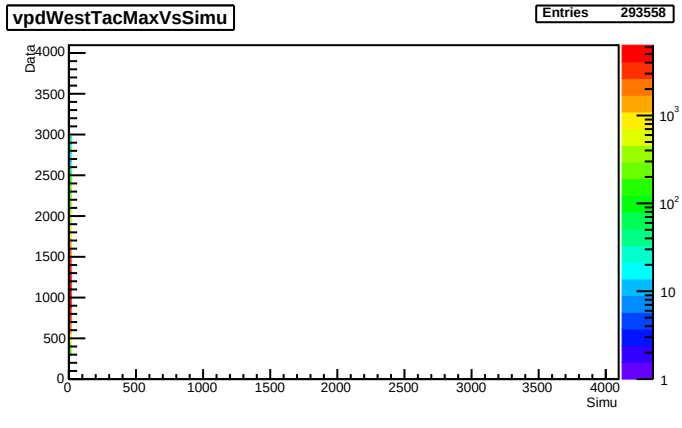

vpdEastTacMax
Entries 385166

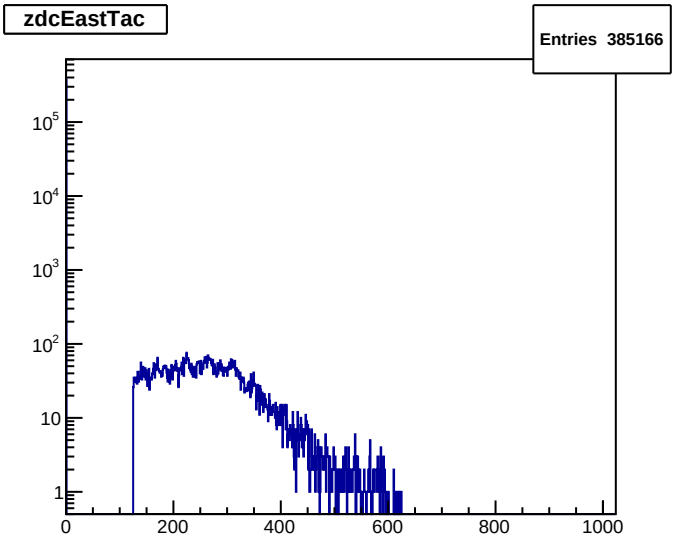

vpdEastTacMaxVsSimu
Entries 261680
Data
Simu

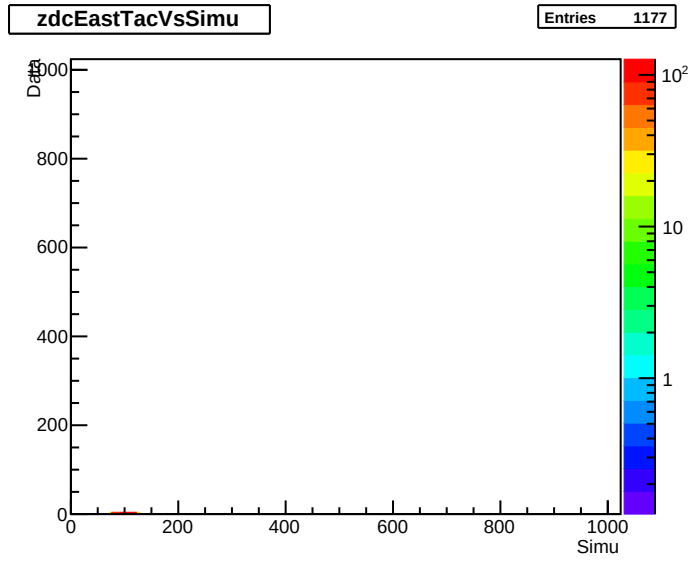

vpdWestAdcSum
Entries 385166

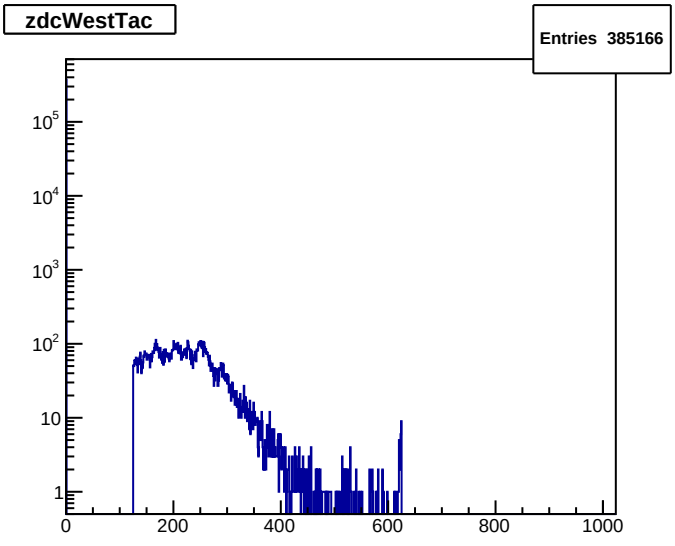

vpdWestAdcSumVsSimu
Entries 293558
Data
Simu

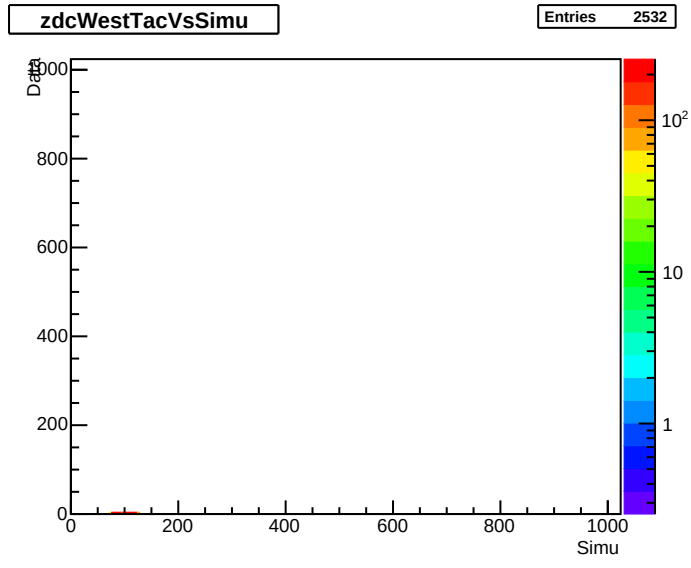

vpdWestTacMax
Entries 385166

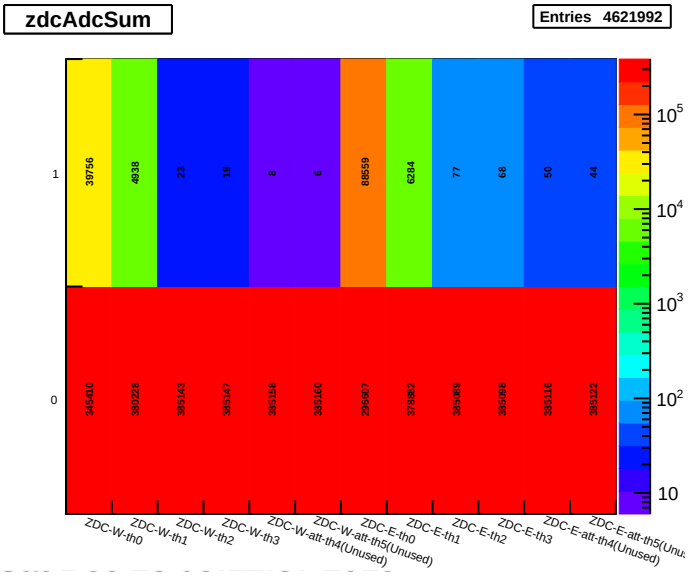

vpdWestTacMaxVsSimu
Entries 293558
Data
Simu

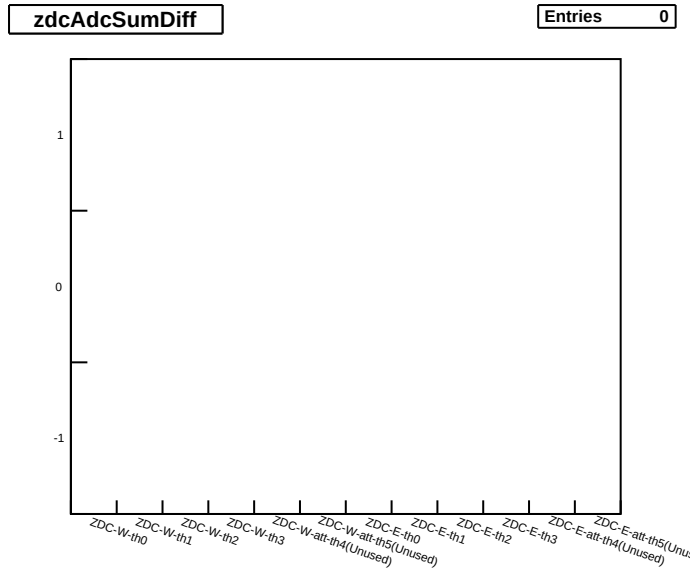

zdcEastTac
Entries 385166

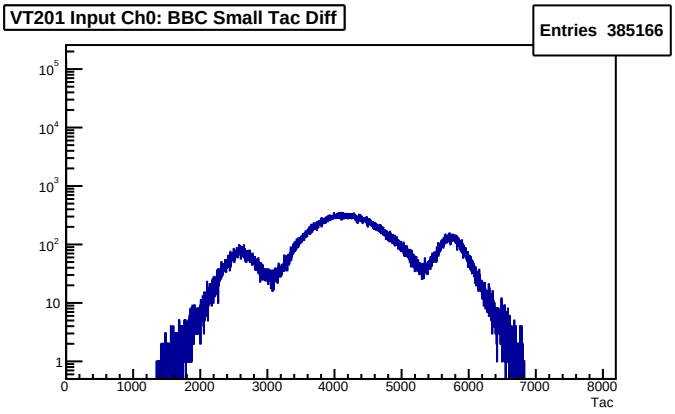

zdcEastTacVsSimu
Entries 1177
Data
Simu

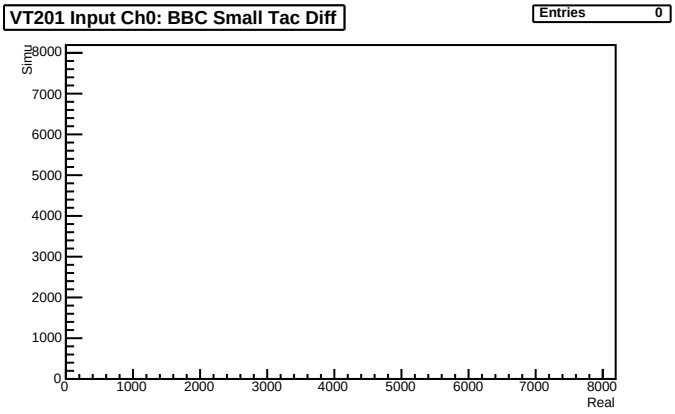

zdcWestTac
Entries 385166

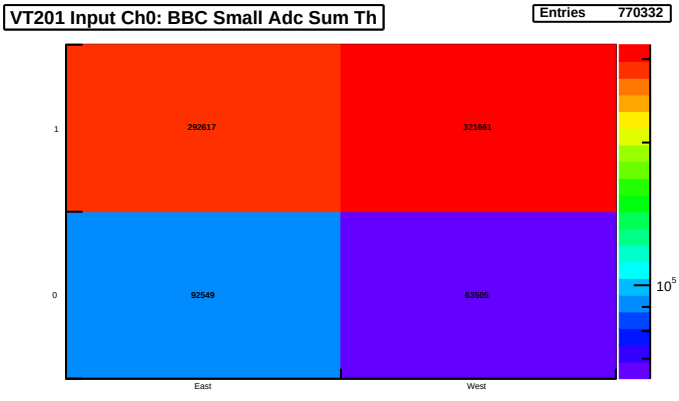

zdcWestTacVsSimu
Entries 2532
Data
Simu

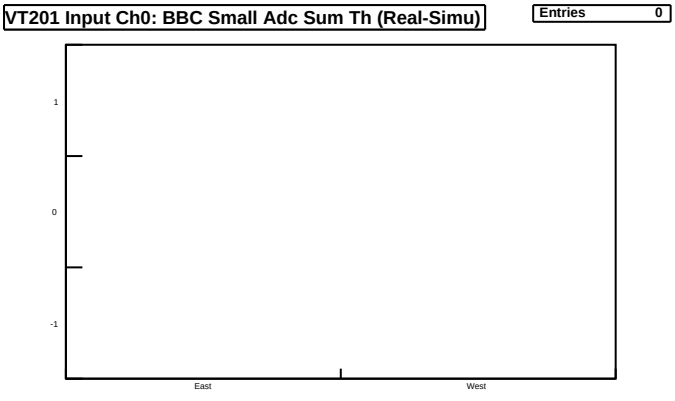

zdcAdcSum
Entries 4621992
39756
4938
23
19
8
6
88559
6284
77
68
50
44
345410
380228
385143
385147
385158
385160
296607
378882
385089
385098
385116
385122
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

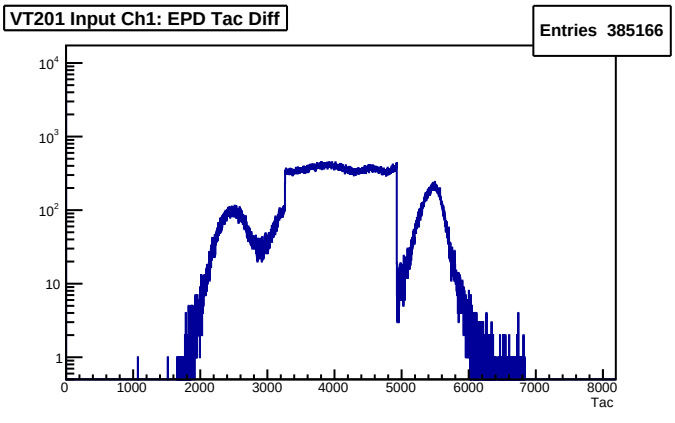

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

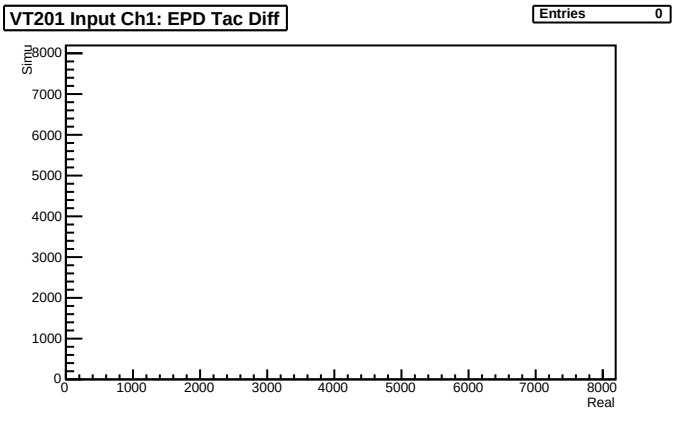

VT201 Input Ch0: BBC Small Tac Diff
Entries 385166
Tac

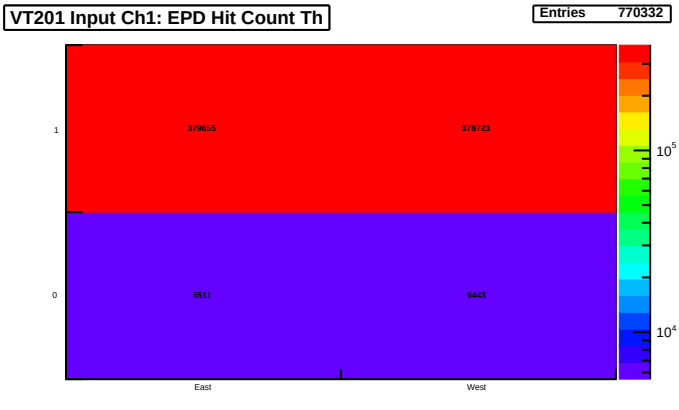

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

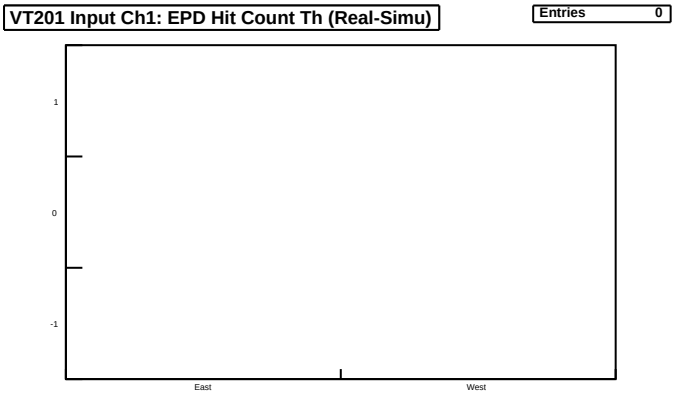

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 770332
292617
321661
92549
63505
East
West

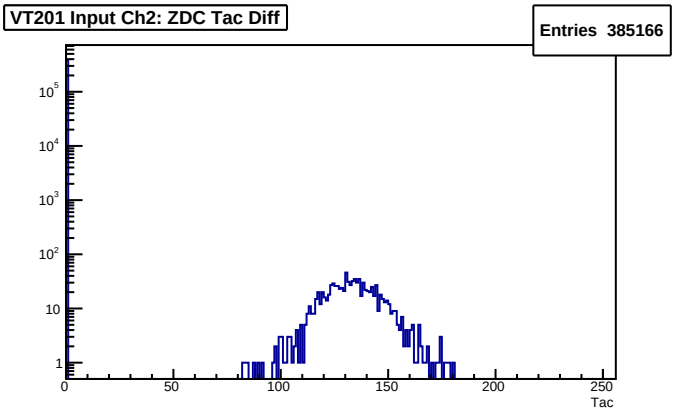

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

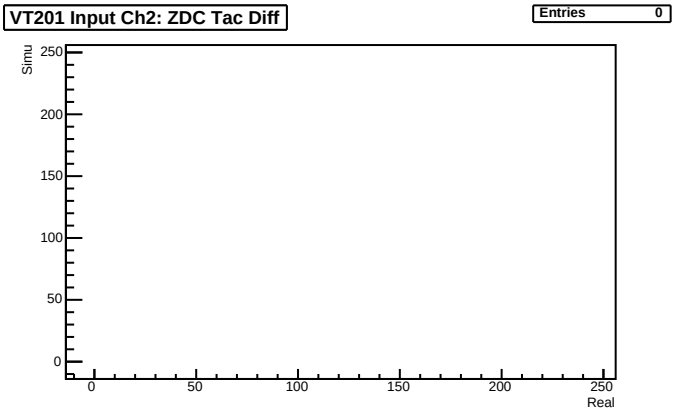

VT201 Input Ch1: EPD Tac Diff
Entries 385166
Tac

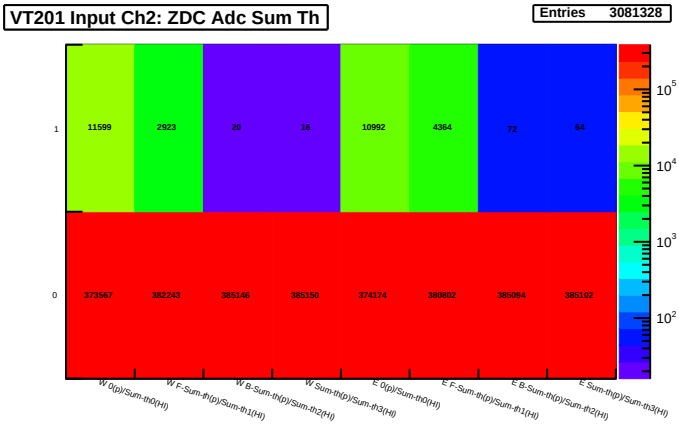

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

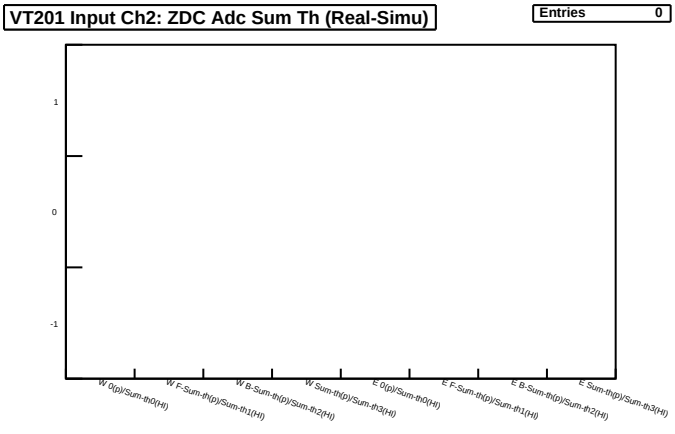

VT201 Input Ch1: EPD Hit Count Th
Entries 770332
379655
378723
5511
6443
East
West

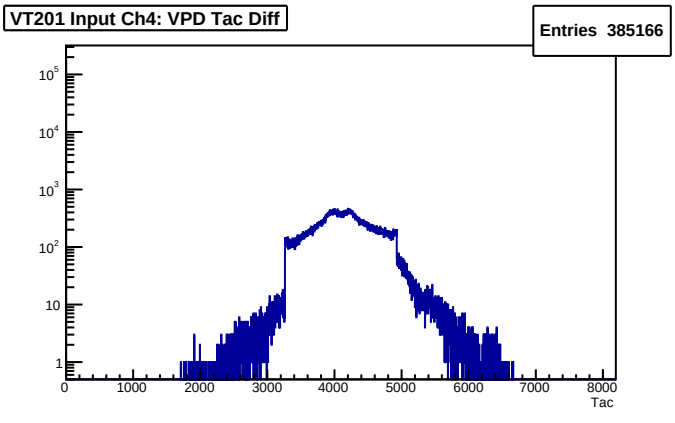

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

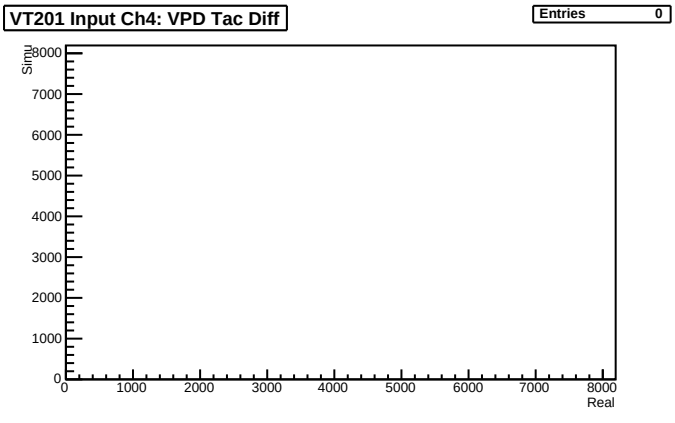

VT201 Input Ch2: ZDC Tac Diff
Entries 385166
Tac

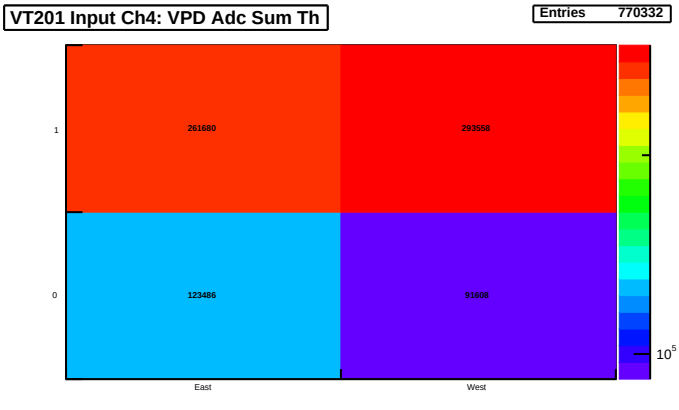

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

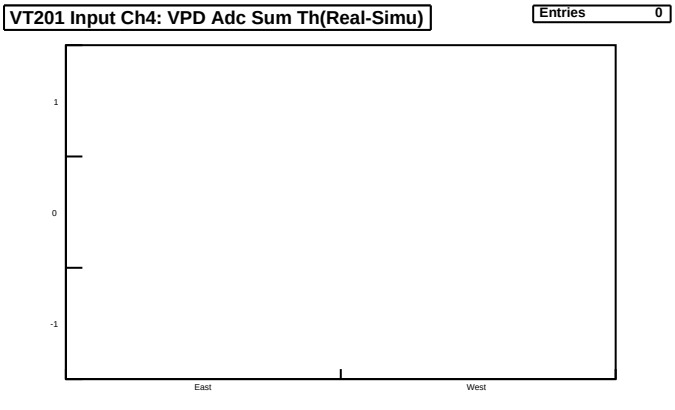

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3081328
11599
2923
20
16
10992
4364
72
64
373567
382243
385146
385150
374174
380802
385094
385102
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

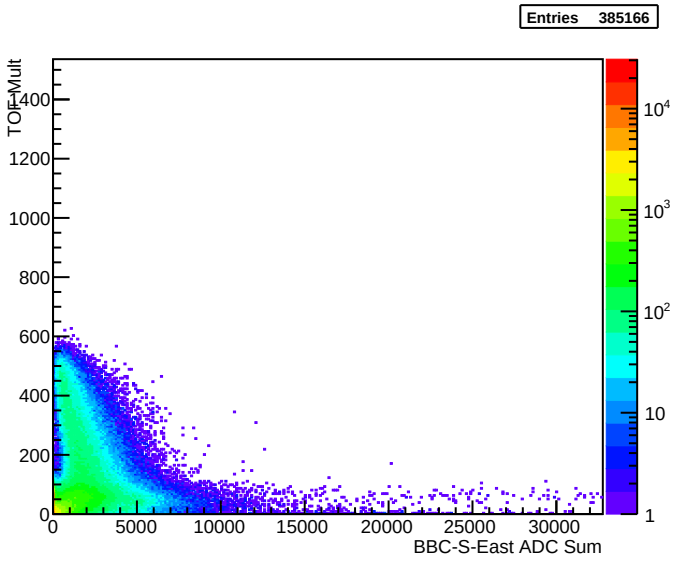

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

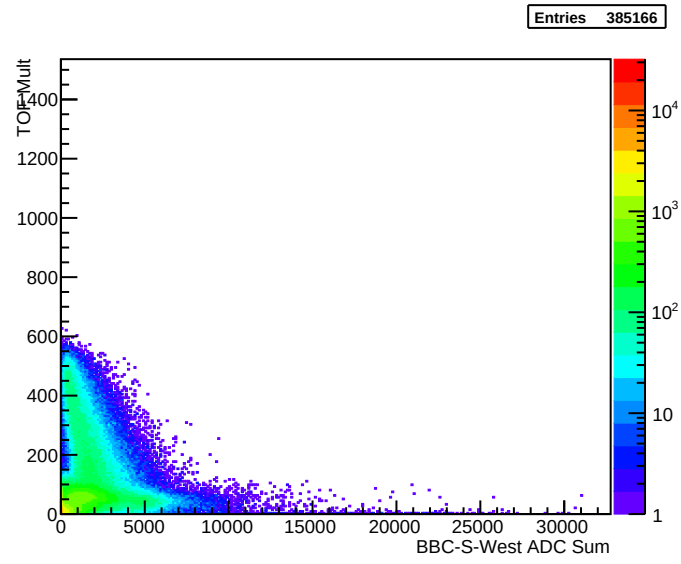

VT201 Input Ch4: VPD Tac Diff
Entries 385166
Tac

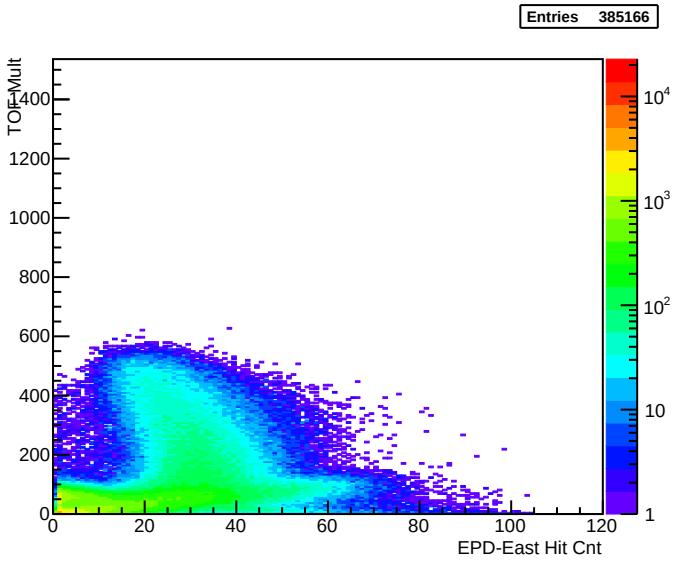

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

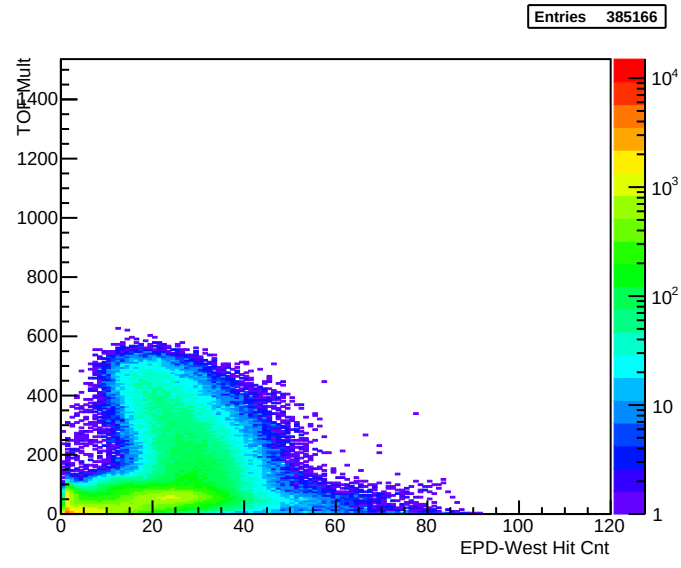

VT201 Input Ch4: VPD Adc Sum Th
Entries 770332
261680
293558
123486
91608
East
West

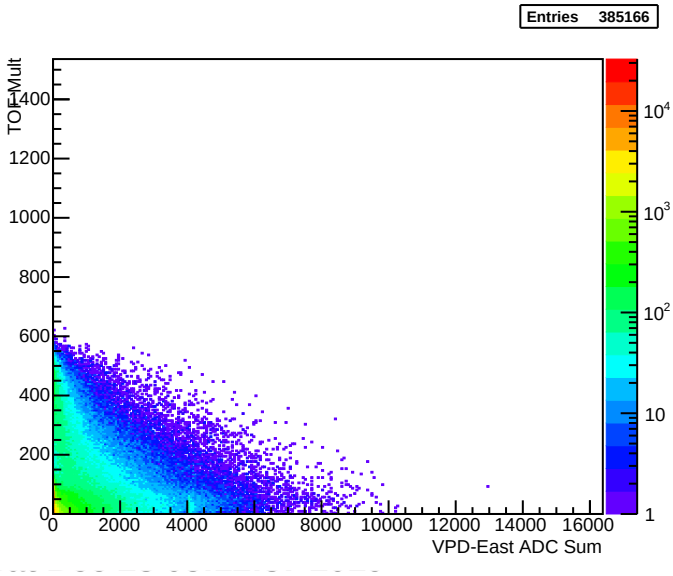

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

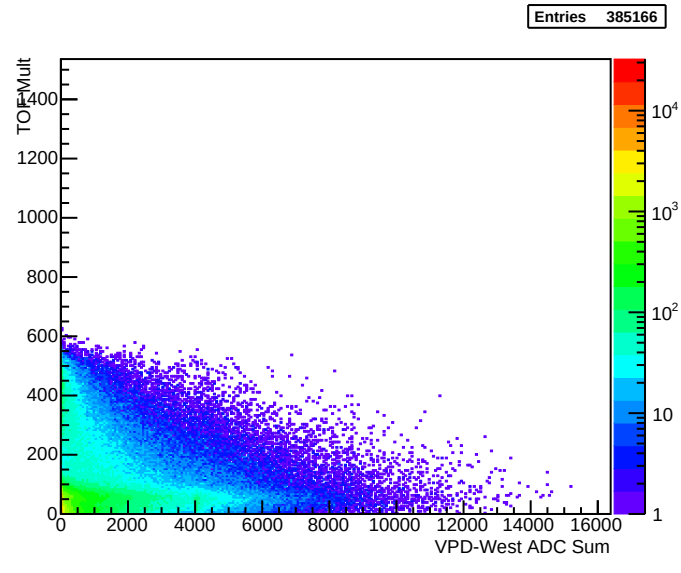

Entries 385166
TOF-Mult
BBC-S-East ADC Sum

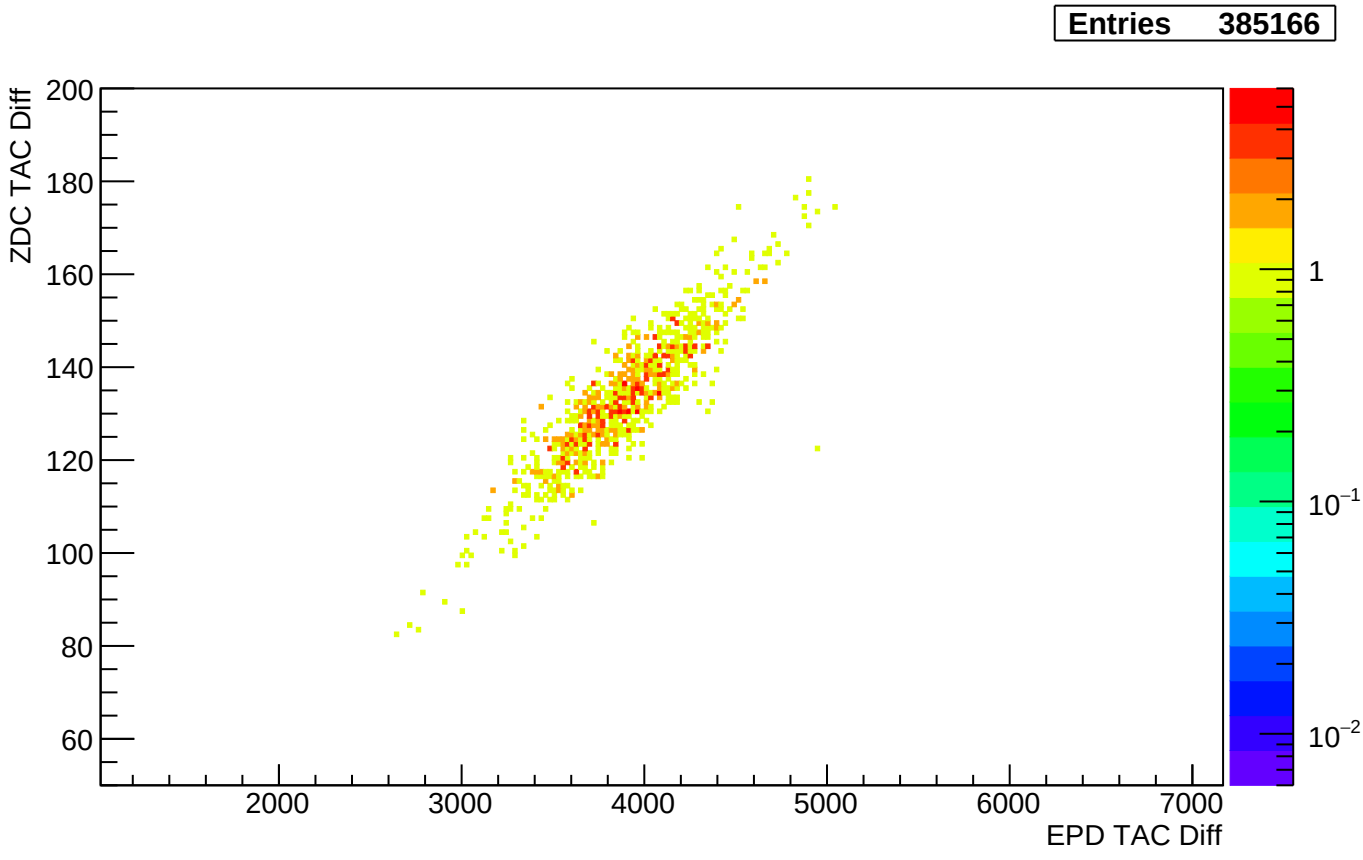

Entries 385166
TOF-Mult
BBC-S-West ADC Sum

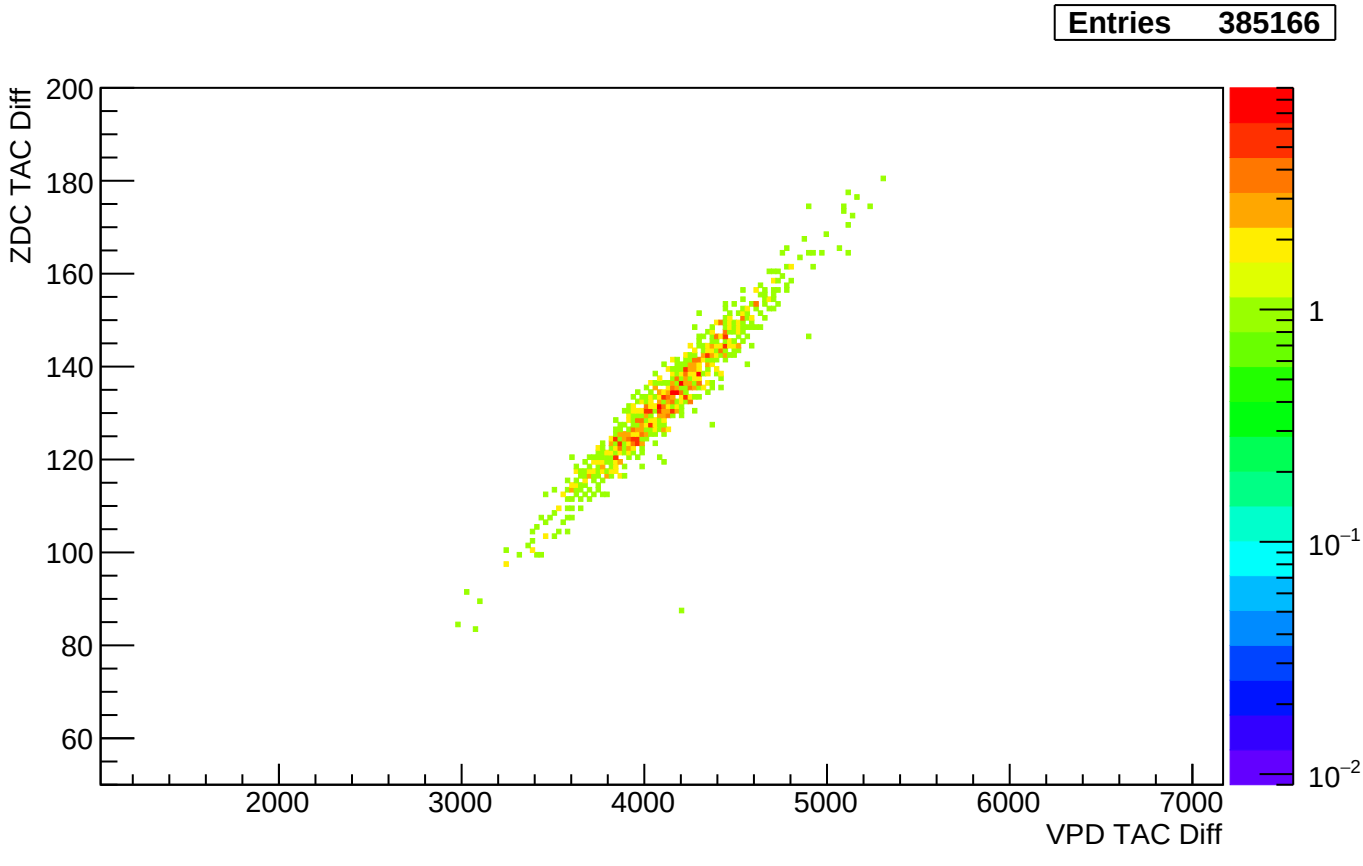

Entries 385166
TOF-Mult
EPD-East Hit Cnt

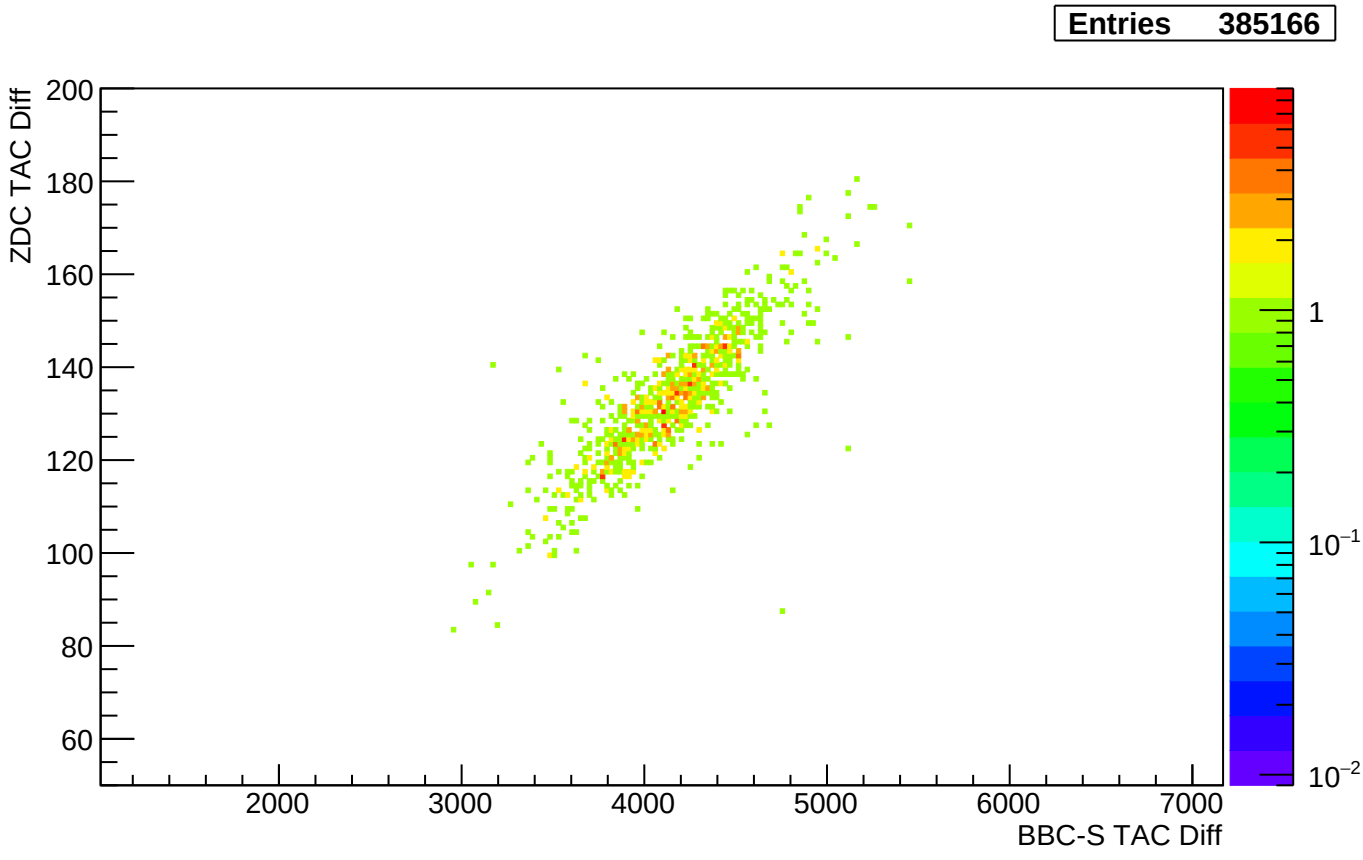

Entries 385166
TOF-Mult
EPD-West Hit Cnt

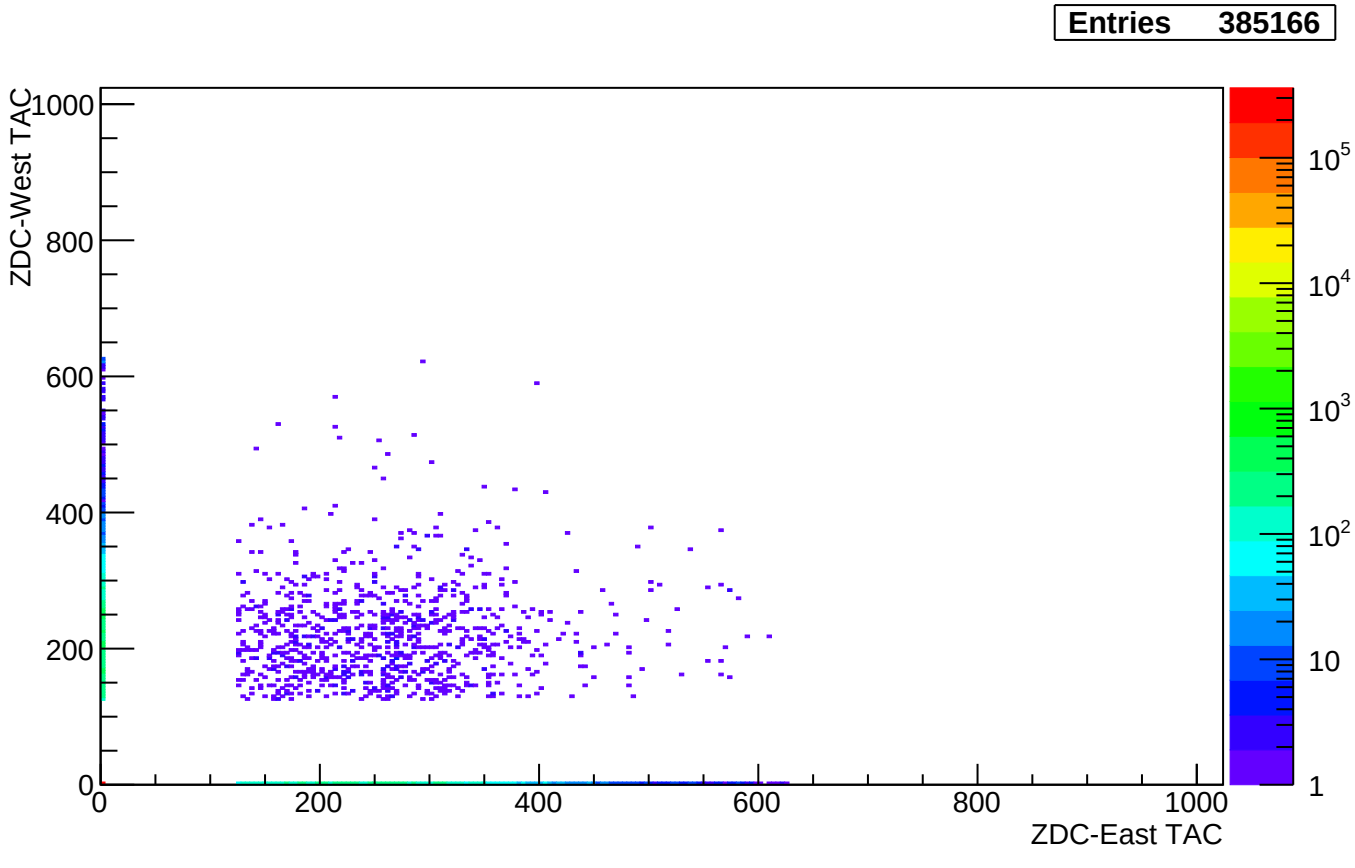

Entries 385166
TOF-Mult
VPD-East ADC Sum

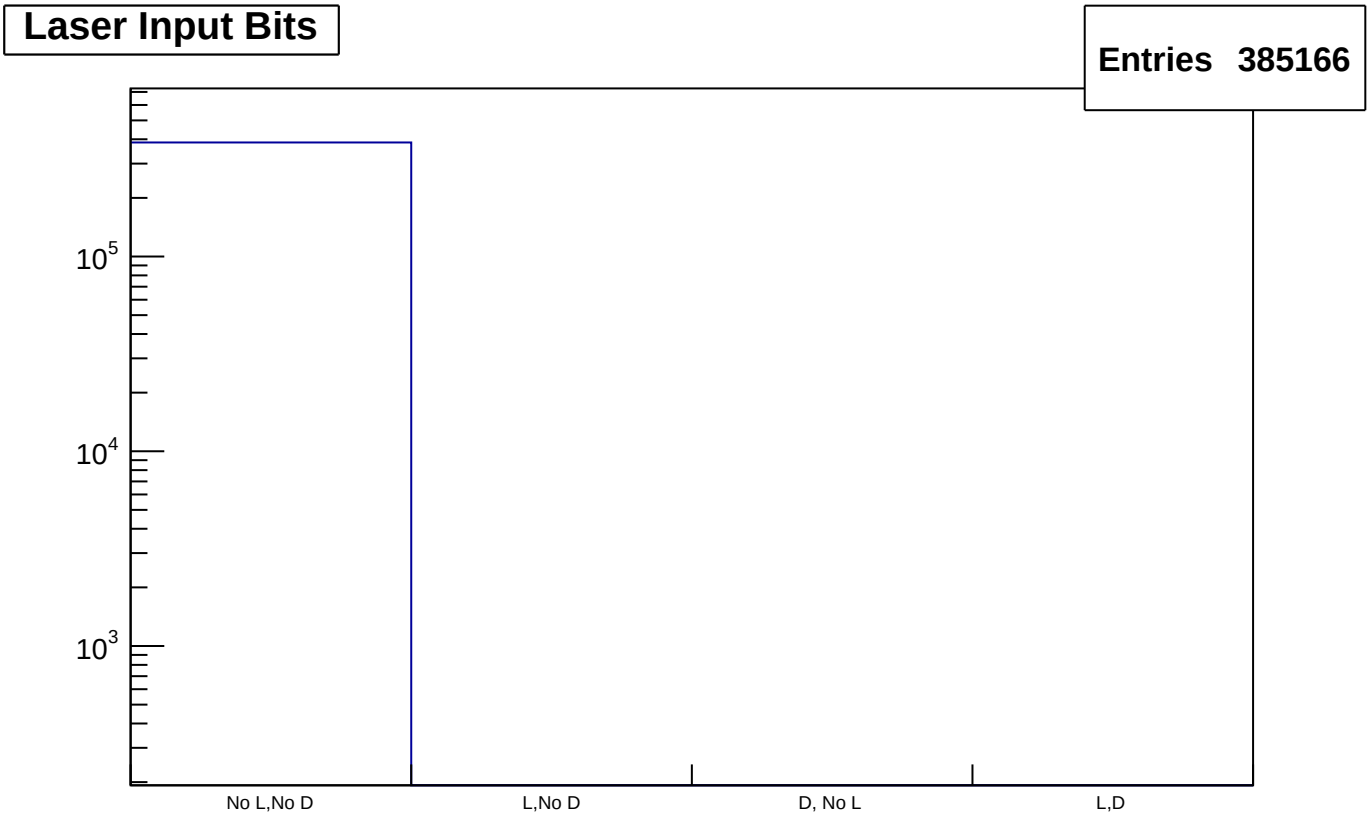

Entries 385166
TOF-Mult
VPD-West ADC Sum

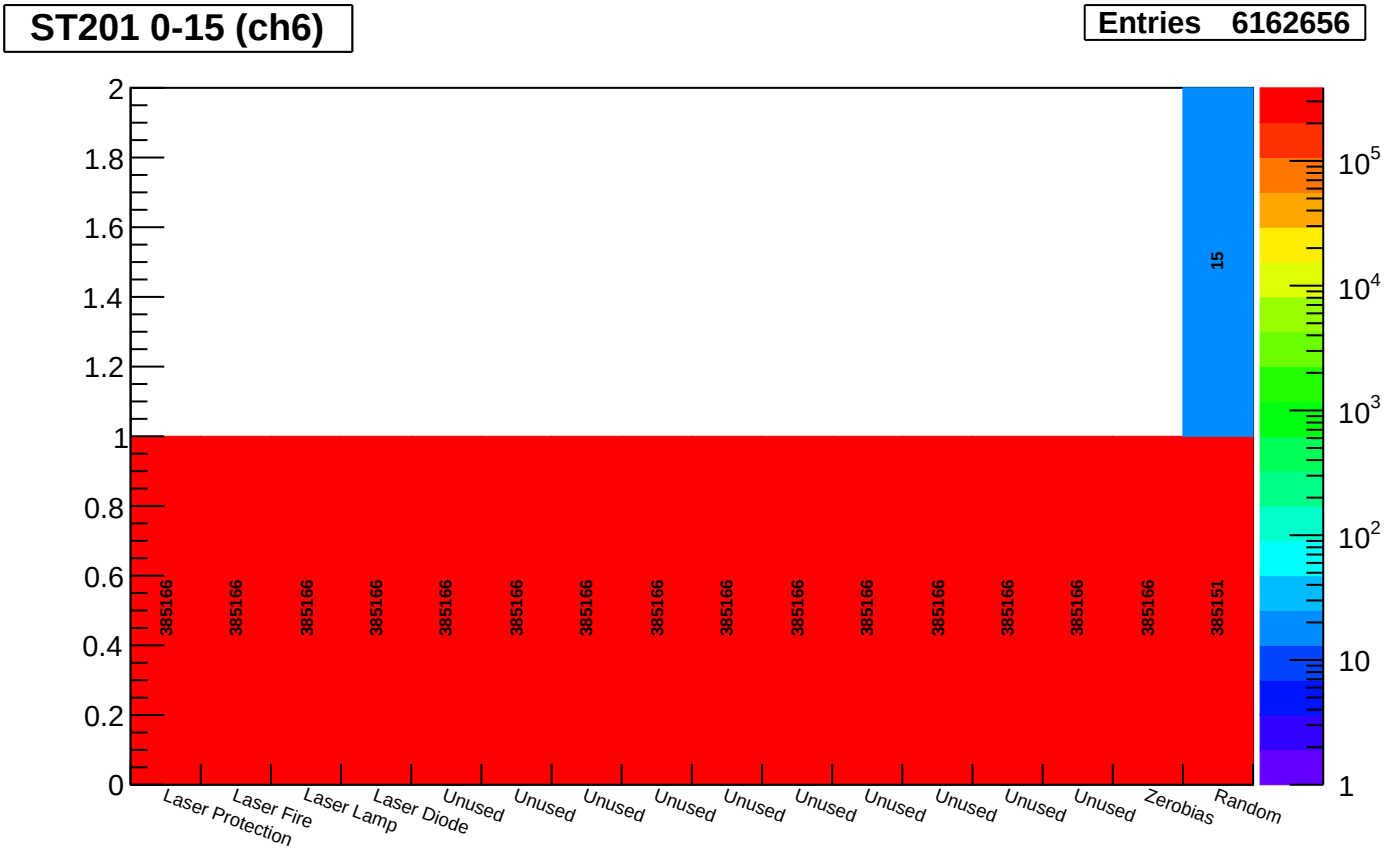

Entries 385166
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

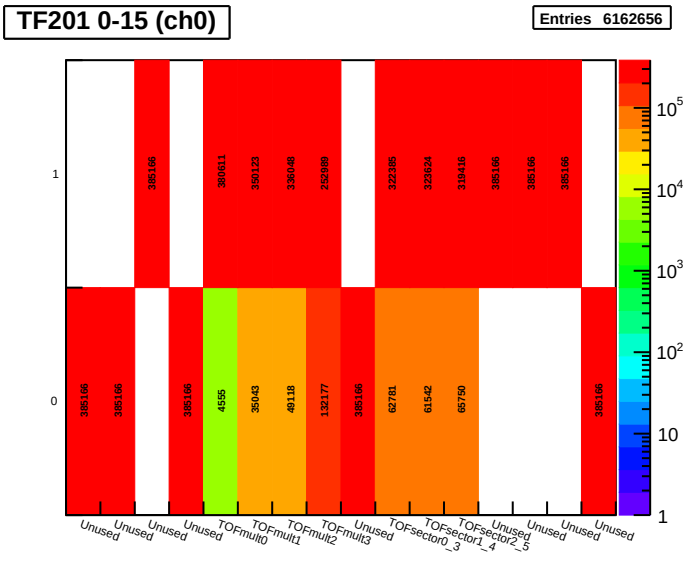

Entries 385166
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

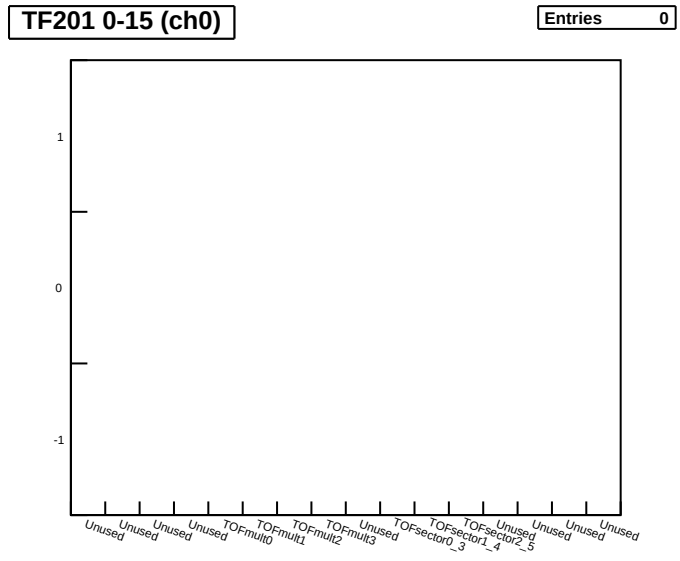

Entries 385166
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

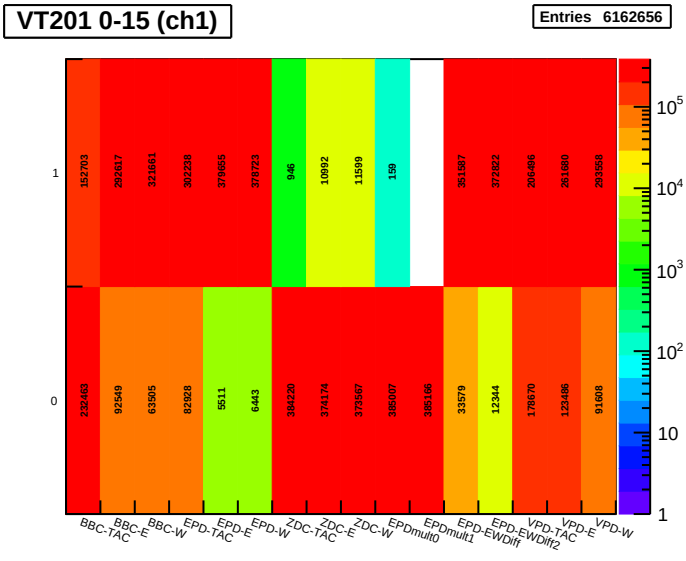

Entries 385166
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

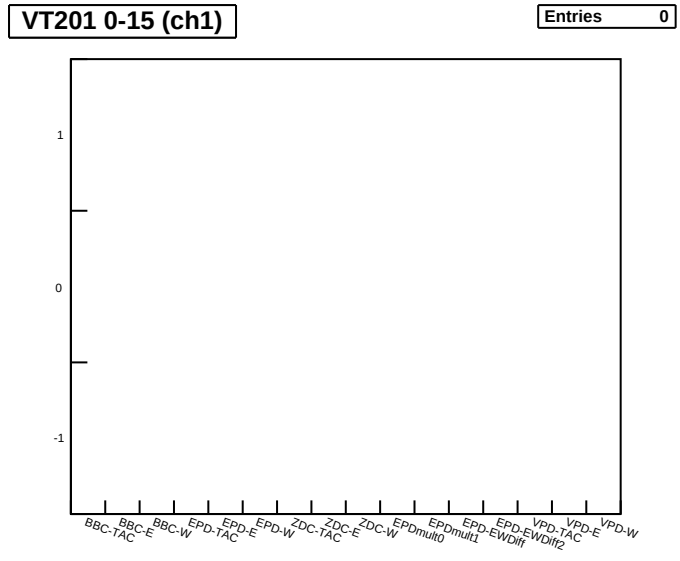

Laser Input Bits
Entries 385166
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

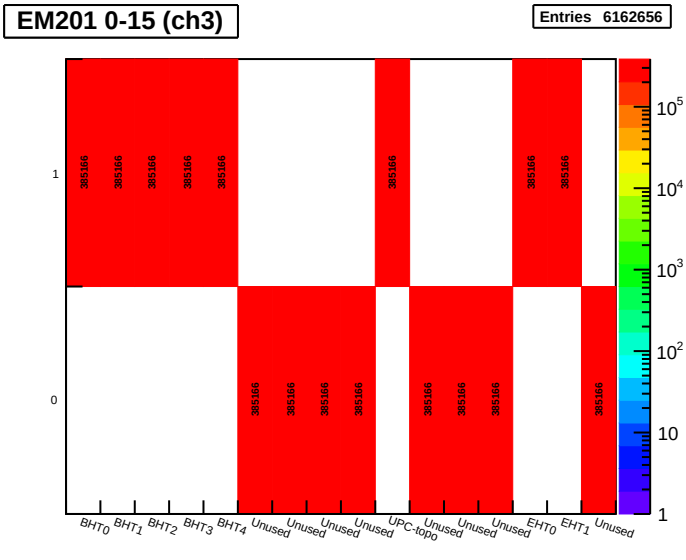

ST201 0-15 (ch6)
Entries 6162656
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
385166
385166
385166
385166
385166
385166
385166
385166
385166
385166
385166
385166
385166
385166
385166
385151
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

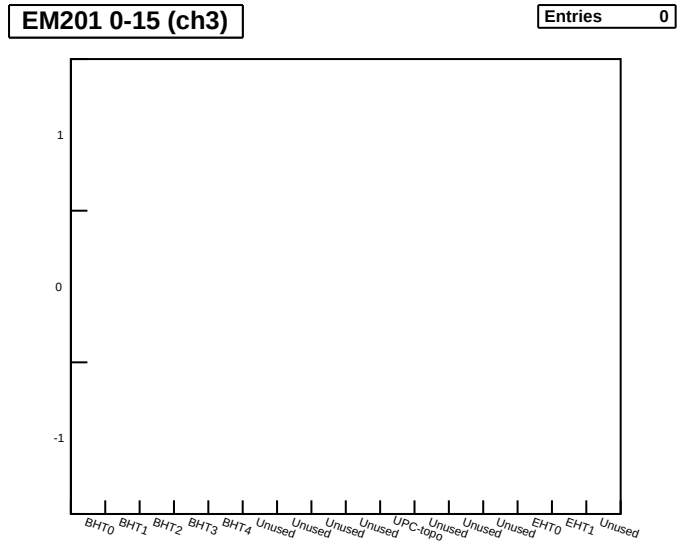

TF201 0-15 (ch0)
Entries 6162656
1
0
385166 385166 385166 385166 380611 350123 336048 252989 322385 323624 319416 385166 385166 385166
385166 385166 385166 4555 35043 49118 132177 385166 62781 61542 65750 385166
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 6162656
1
0
152703 292617 321661 302238 379655 378723 946 10992 11599 159 351587 372832 206496 261680 293558
232463 92549 63505 82928 5511 6443 384220 374174 373567 388007 385166 33579 12344 178670 123486 91608
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 6162656
1
0
385166 385166 385166 385166 385166 385166 385166 385166 385166
385166 385166 385166 385166 385166 385166 385166 385166
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