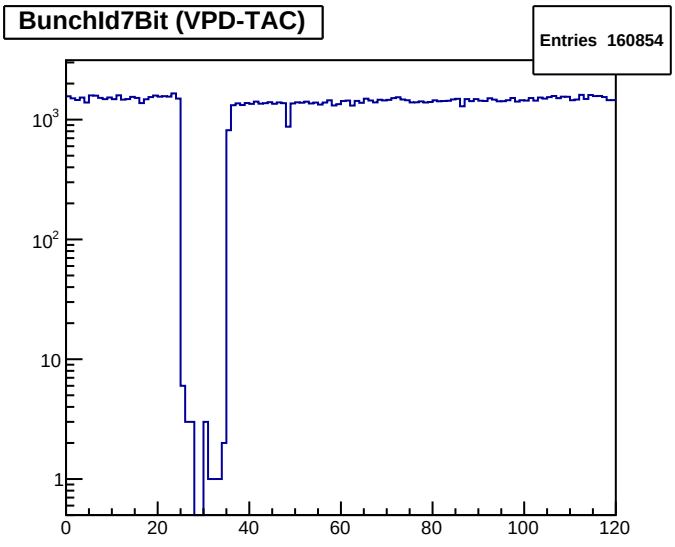
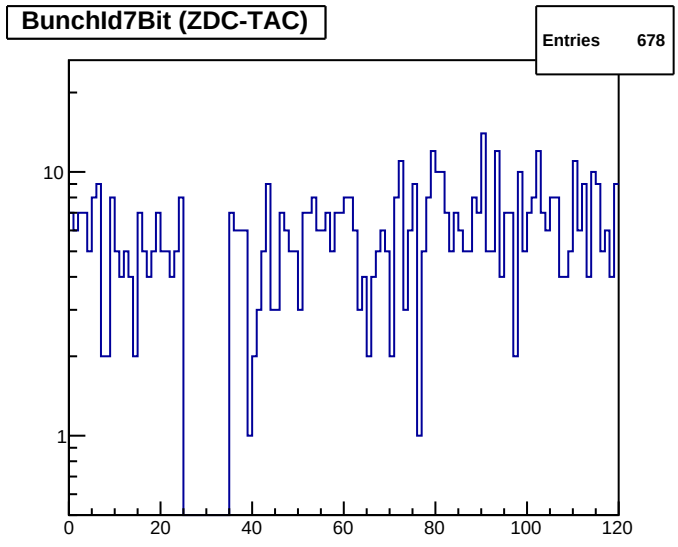
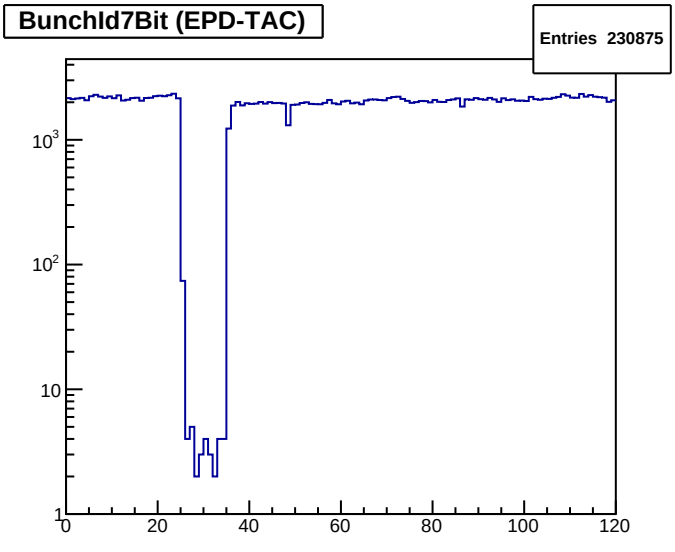
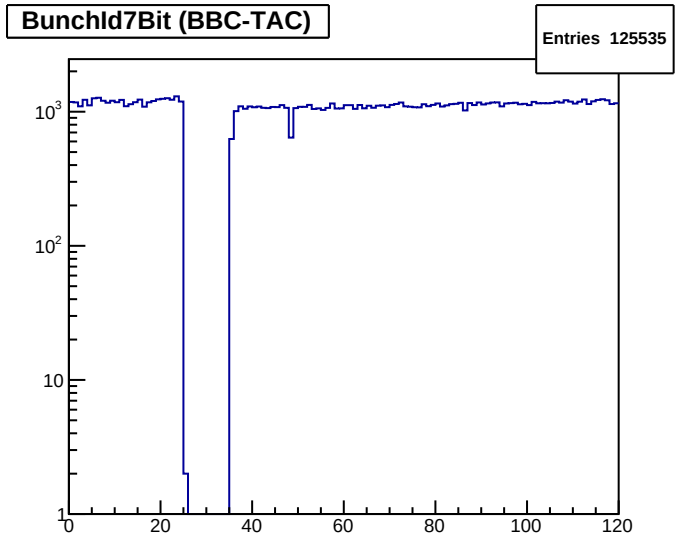
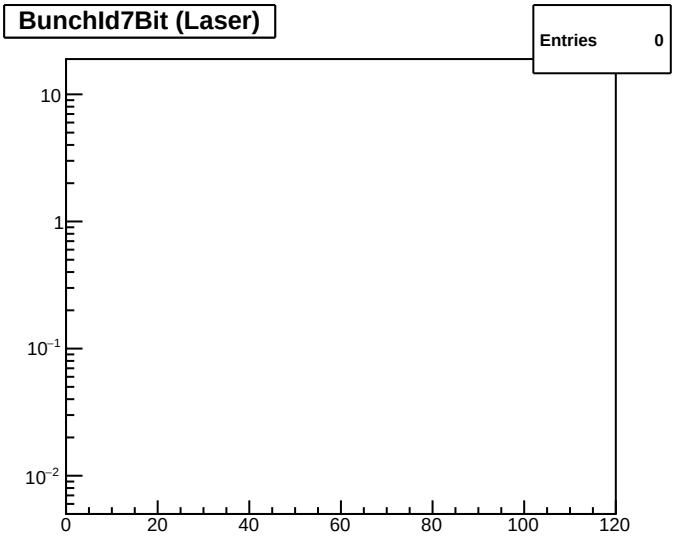
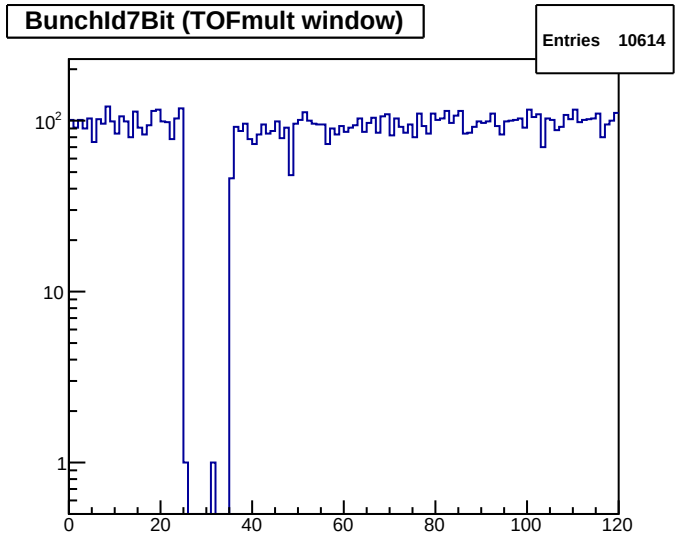

BunchId7Bit (VPD-TAC)
Entries 160854

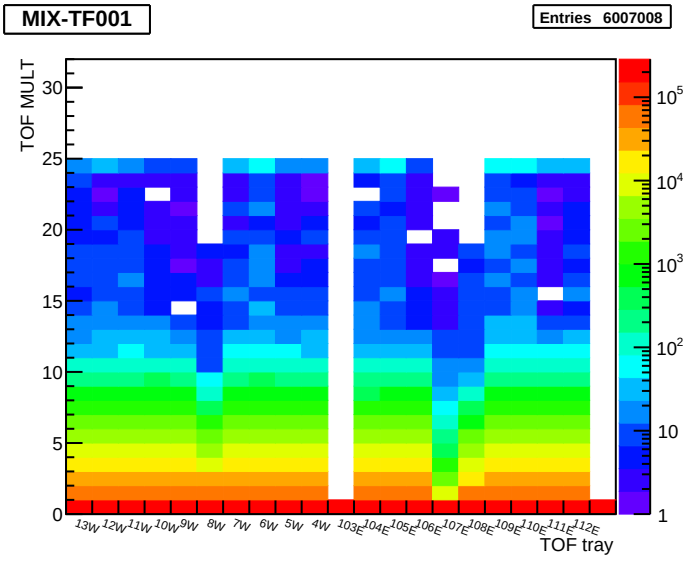

BunchId7Bit (ZDC-TAC)
Entries 678

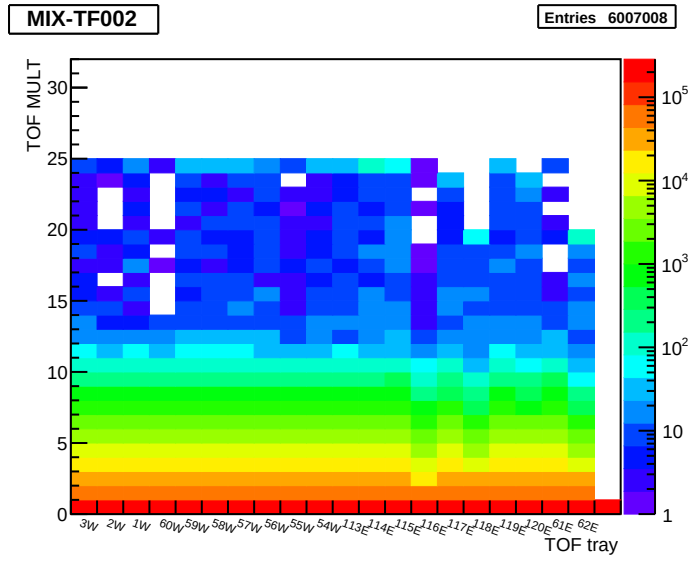

BunchId7Bit (EPD-TAC)
Entries 230875

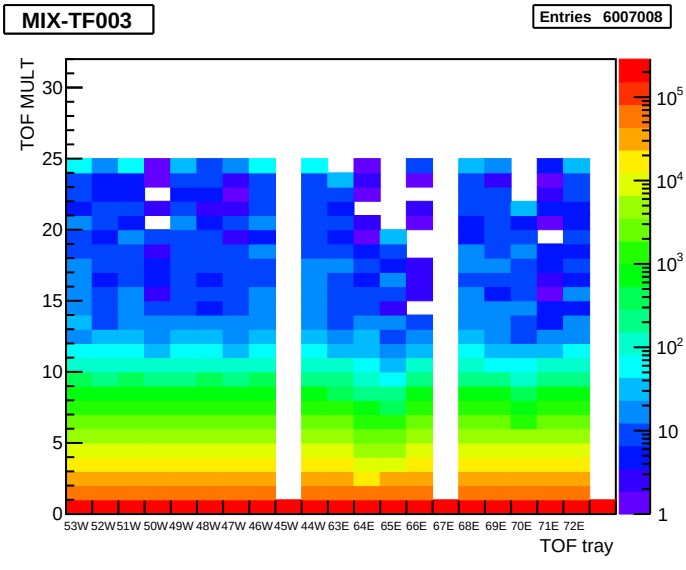

BunchId7Bit (BBC-TAC)
Entries 125535

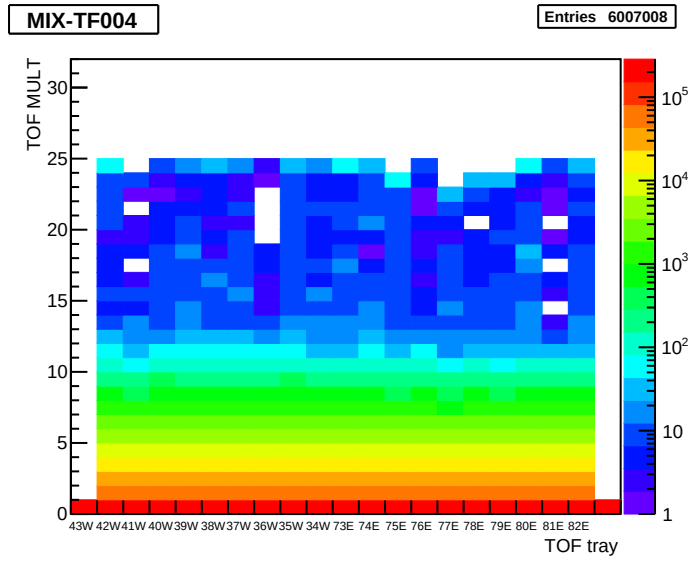

BunchId7Bit (Laser)
Entries 0

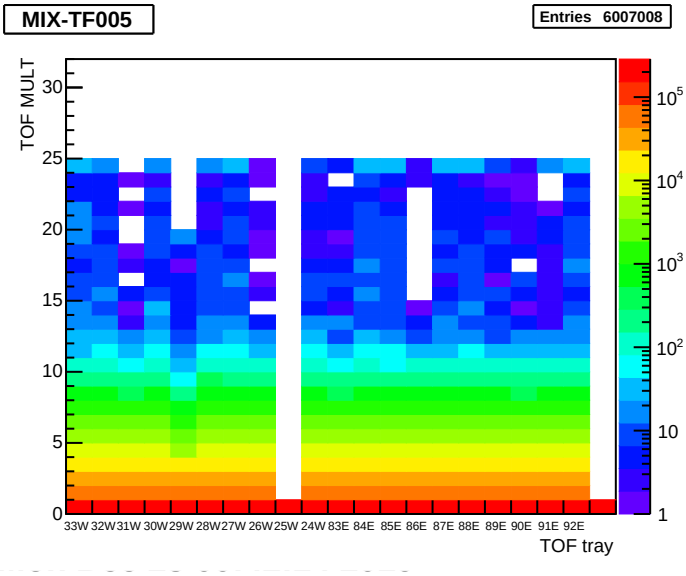

BunchId7Bit (TOFmult window)
Entries 10614

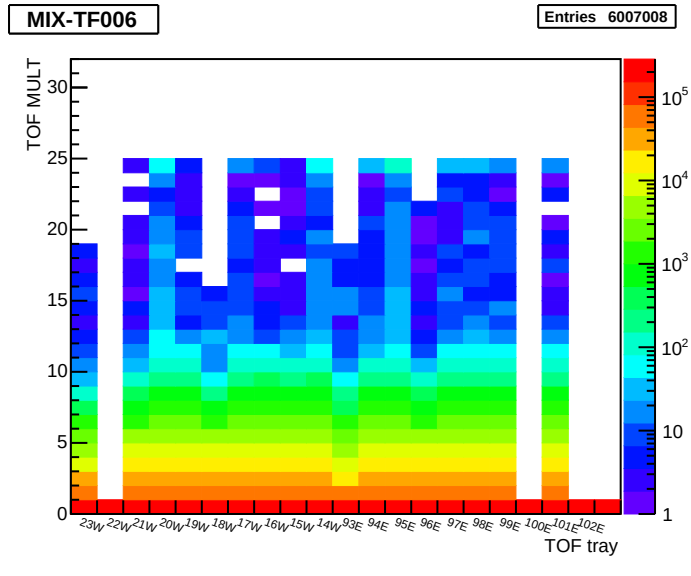

MIX-TF001
Entries 6007008
TOF MULT
TOF tray

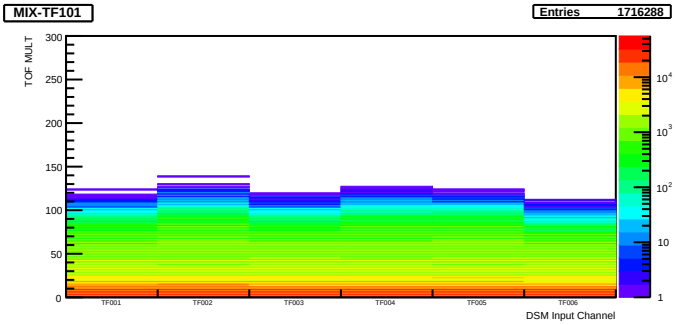

MIX-TF002
Entries 6007008
TOF MULT
TOF tray

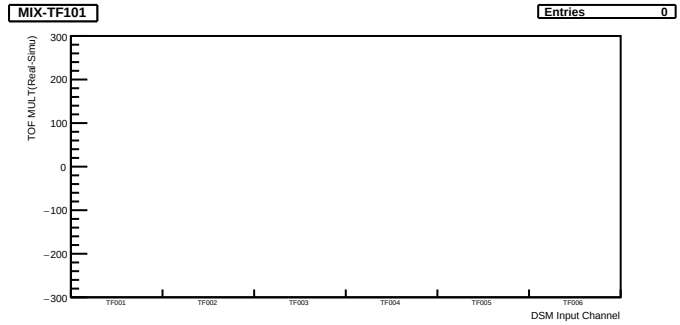

MIX-TF003
Entries 6007008
TOF MULT
TOF tray

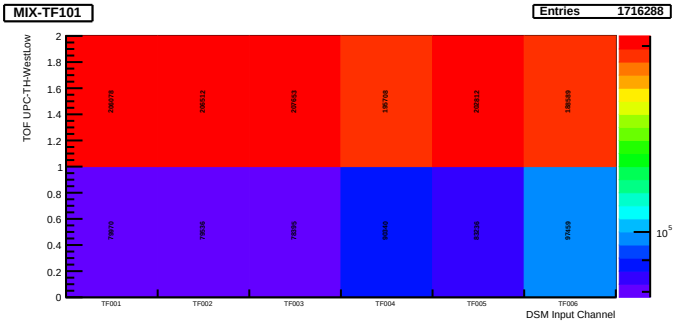

MIX-TF004
Entries 6007008
TOF MULT
TOF tray

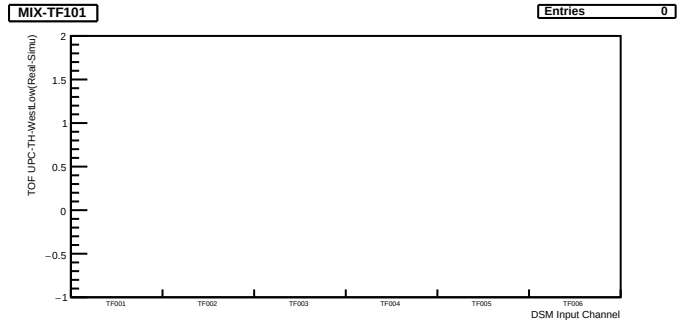

MIX-TF005
Entries 6007008
TOF MULT
TOF tray

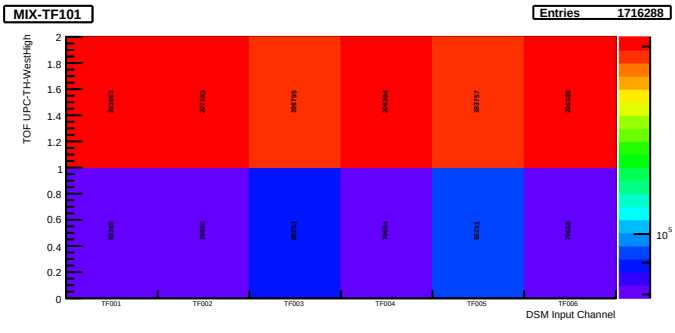

MIX-TF006
Entries 6007008
TOF MULT
TOF tray

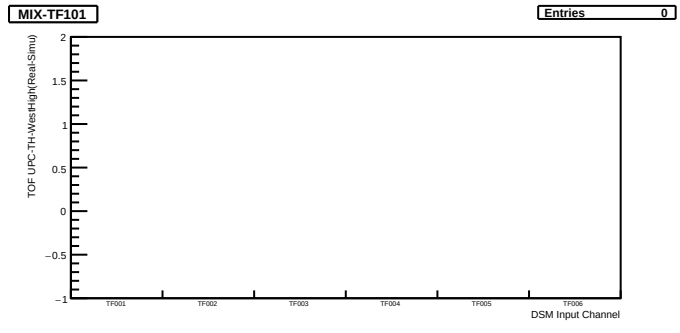

MIX-TF101
Entries 1716288
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

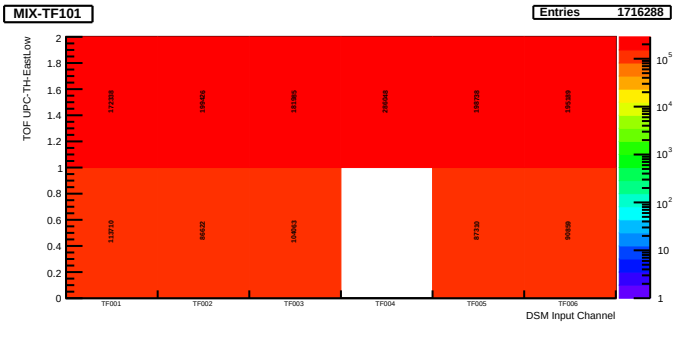

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

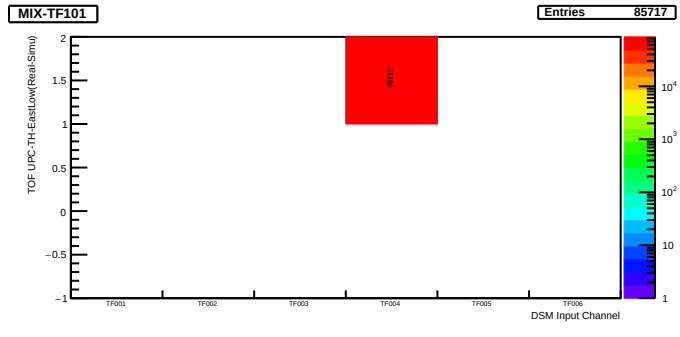

MIX-TF101
Entries 1716288
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

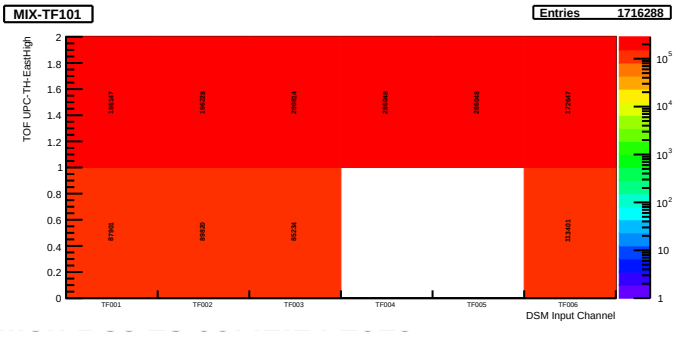

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

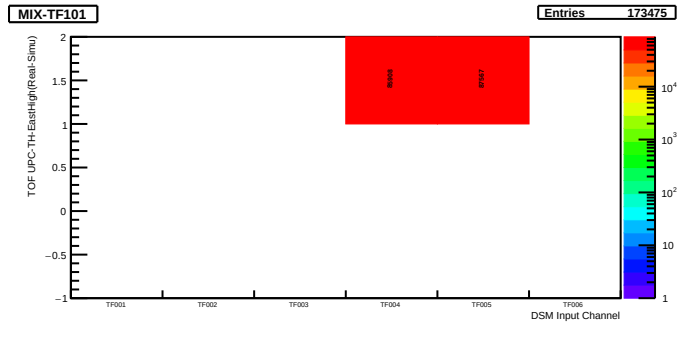

MIX-TF101
Entries 1716288
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

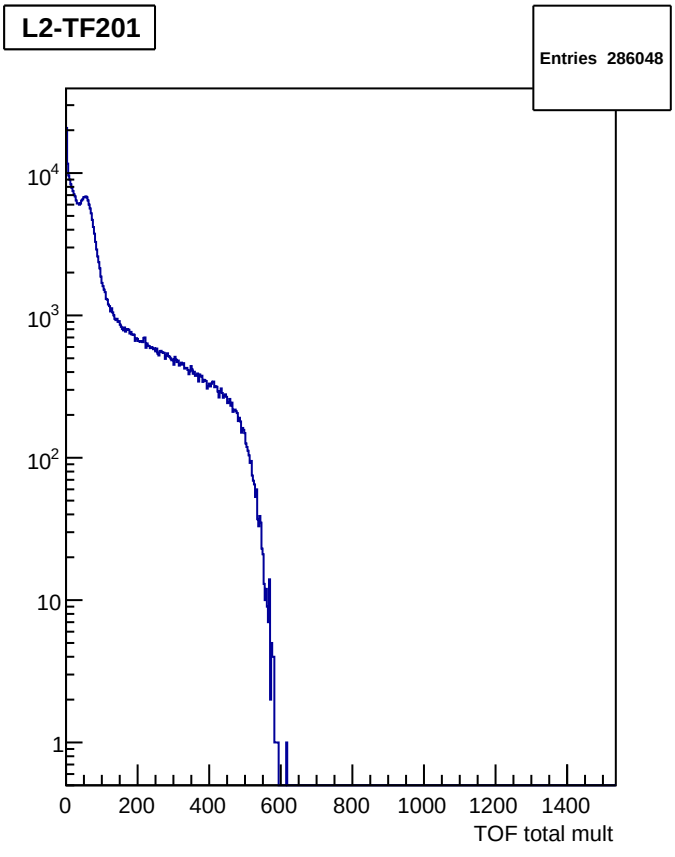

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

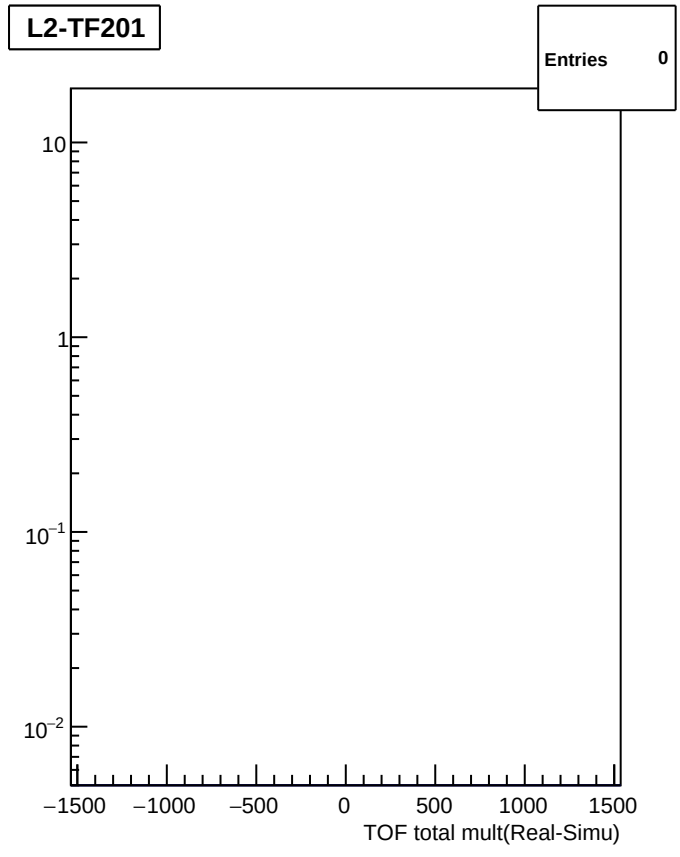

MIX-TF101
Entries 1716288
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

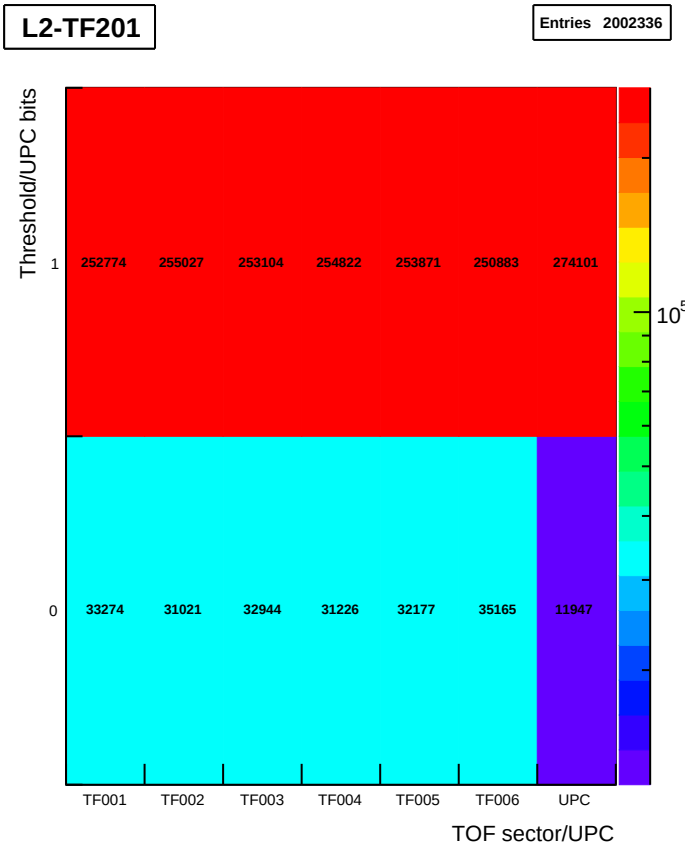

MIX-TF101
Entries 85717
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

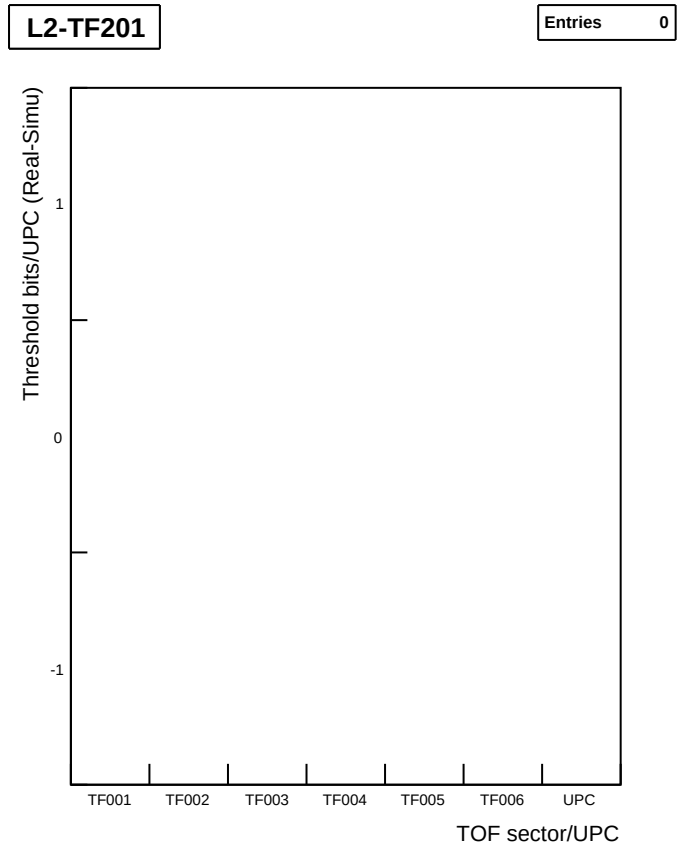

MIX-TF101
Entries 1716288
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

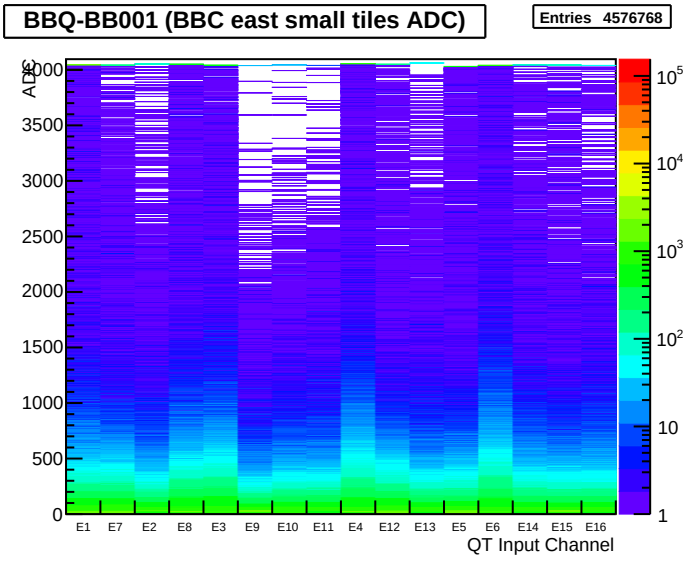

MIX-TF101
Entries 173475
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

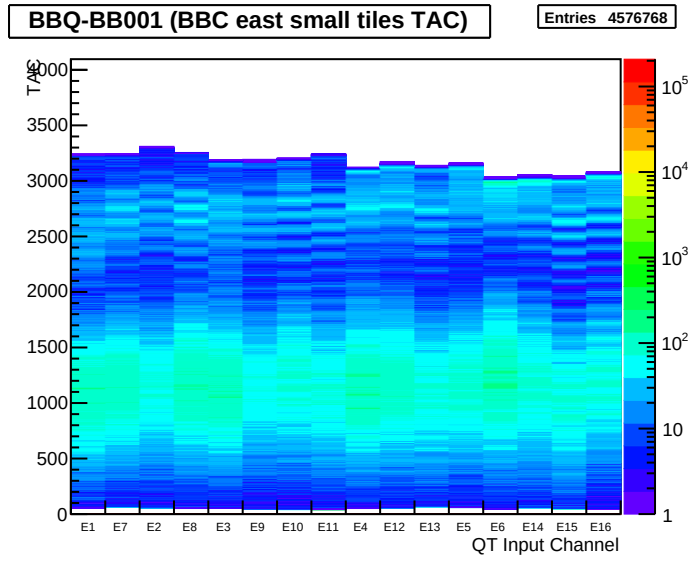

L2-TF201
Entries 286048
TOF total mult

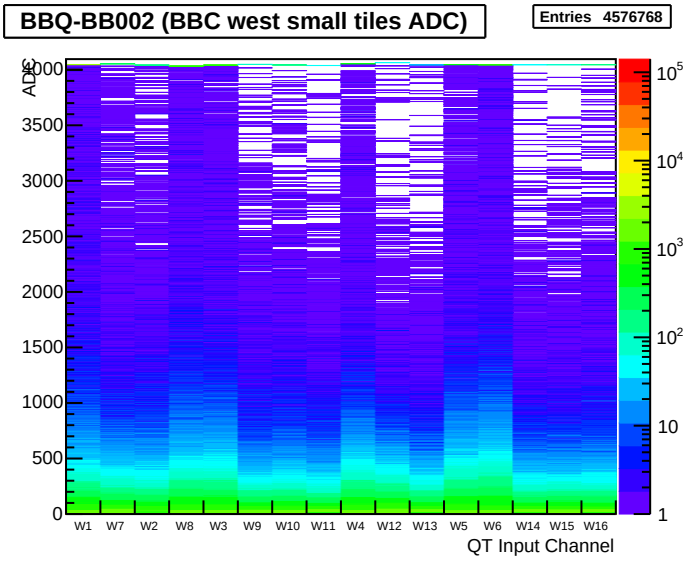

L2-TF201
Entries 0
TOF total mult(Real-Simu)

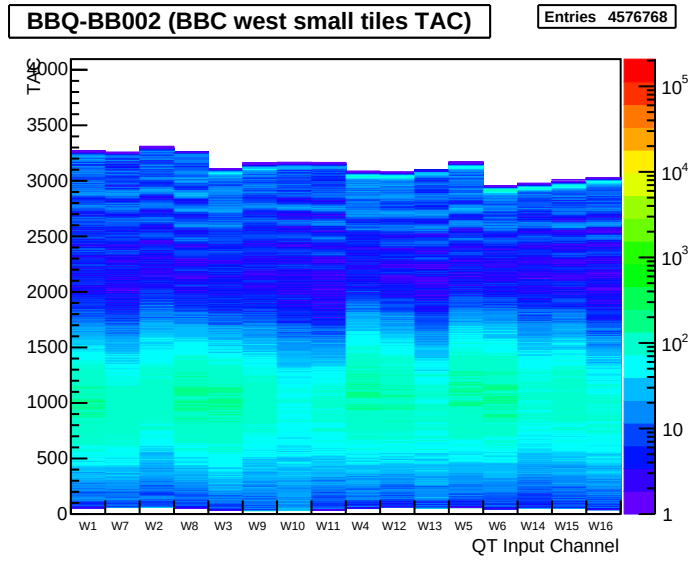

L2-TF201
Entries 2002336
Threshold/UPC bits
252774
255027
253104
254822
253871
250883
274101
33274
31021
32944
31226
32177
35165
11947
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

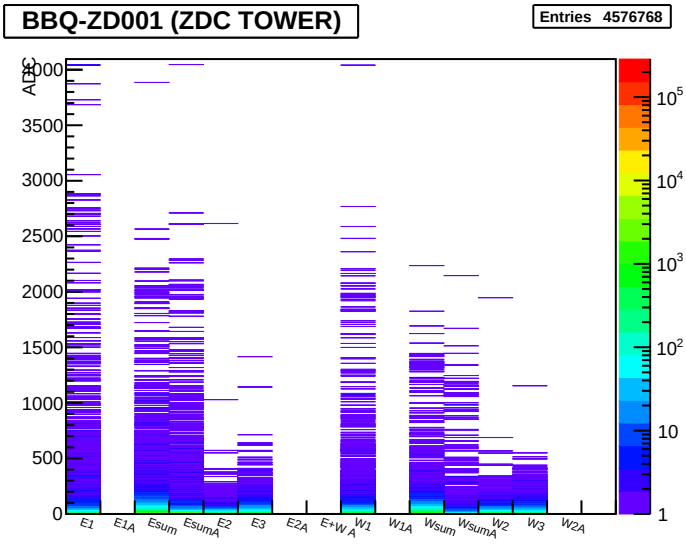

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

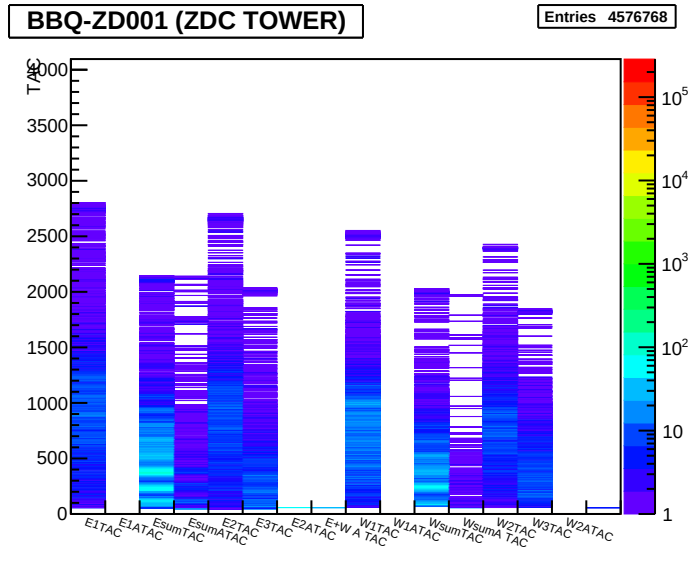

BBQ-BB001 (BBC east small tiles ADC)
Entries 4576768
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

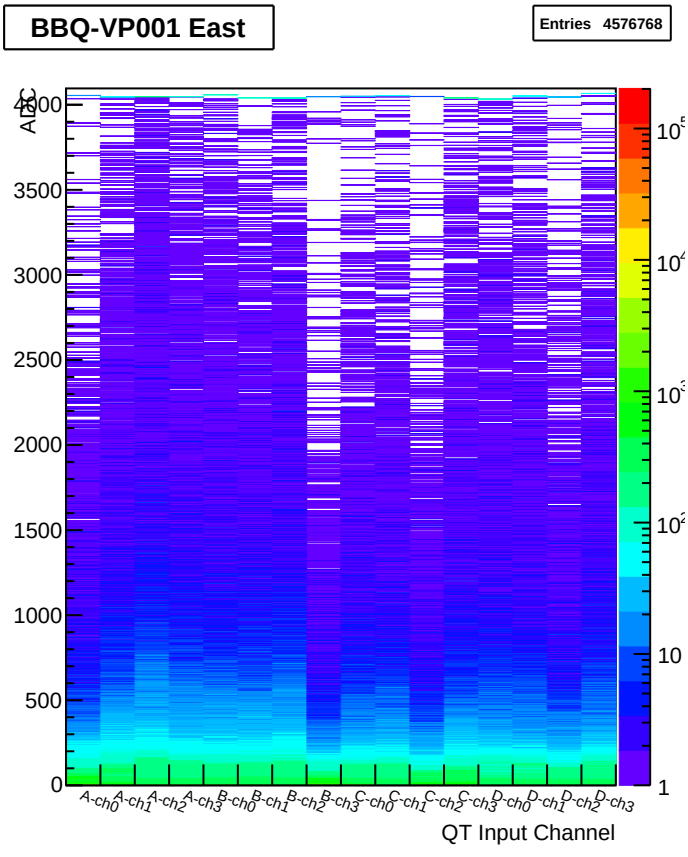

BBQ-BB001 (BBC east small tiles TAC)
Entries 4576768
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

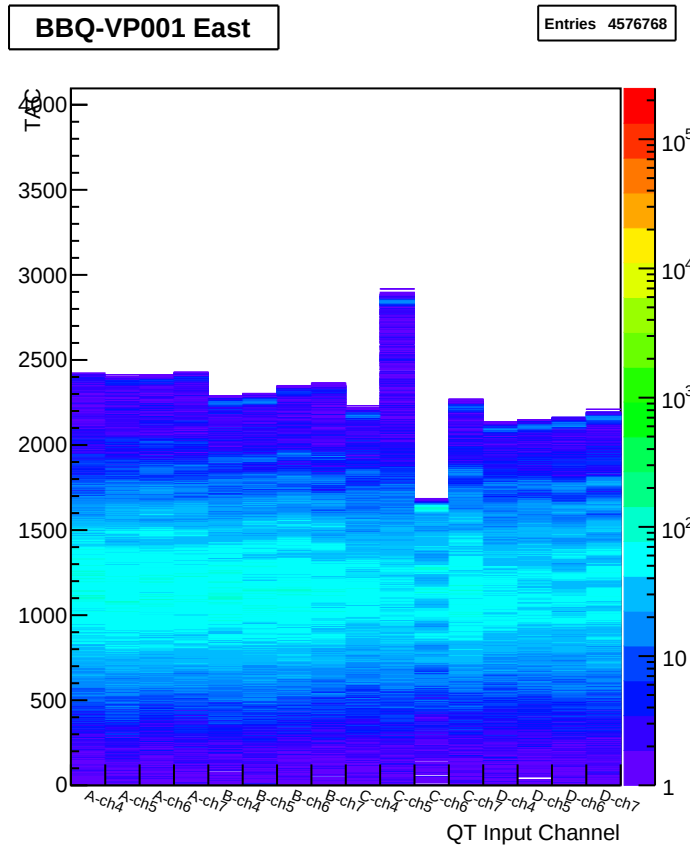

BBQ-BB002 (BBC west small tiles ADC)
Entries 4576768
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

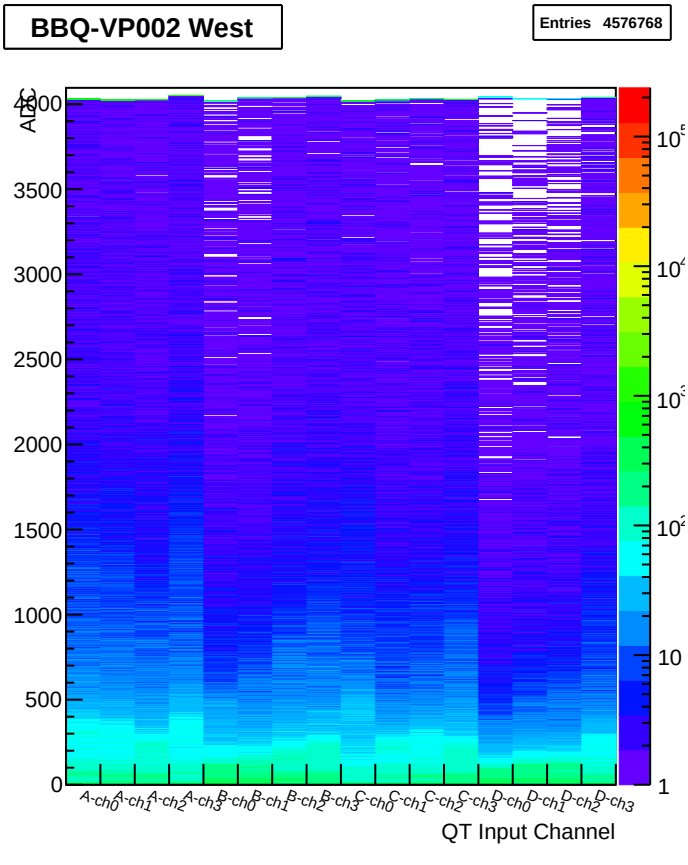

BBQ-BB002 (BBC west small tiles TAC)
Entries 4576768
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

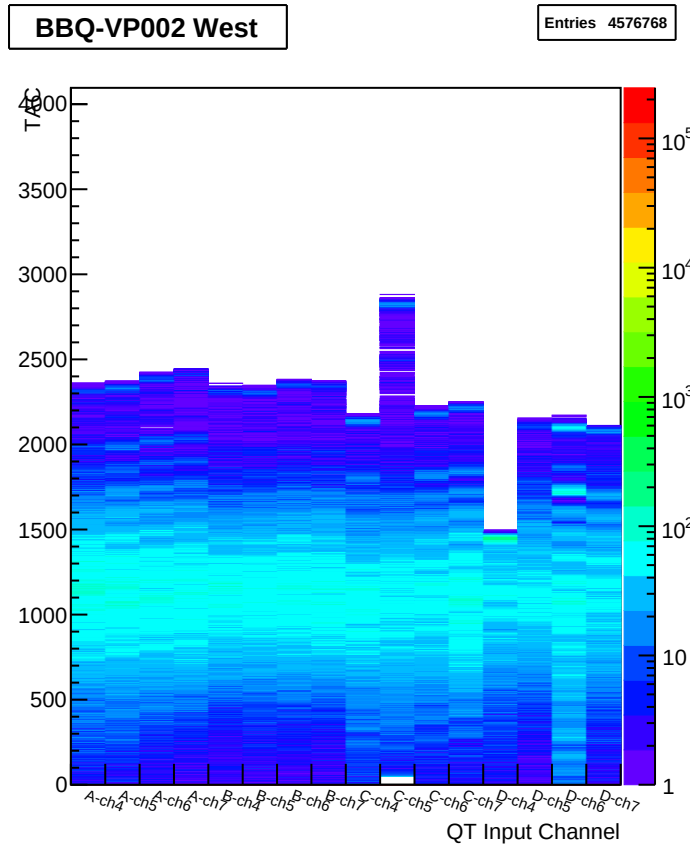

BBQ-ZD001 (ZDC TOWER)
Entries 4576768
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

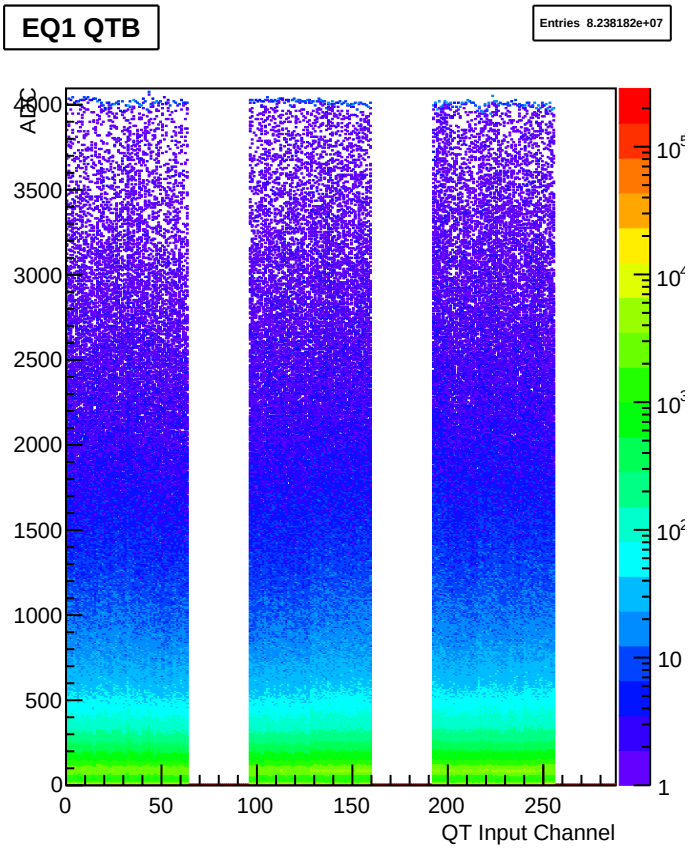

BBQ-ZD001 (ZDC TOWER)
Entries 4576768
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

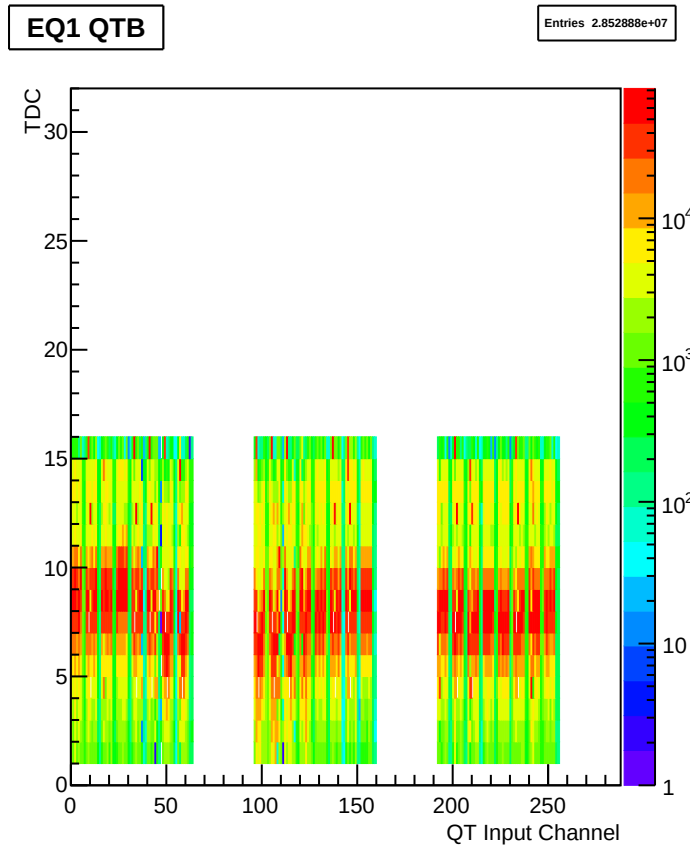

BBQ-VP001 East
Entries 4576768
ADC
QT Input Channel

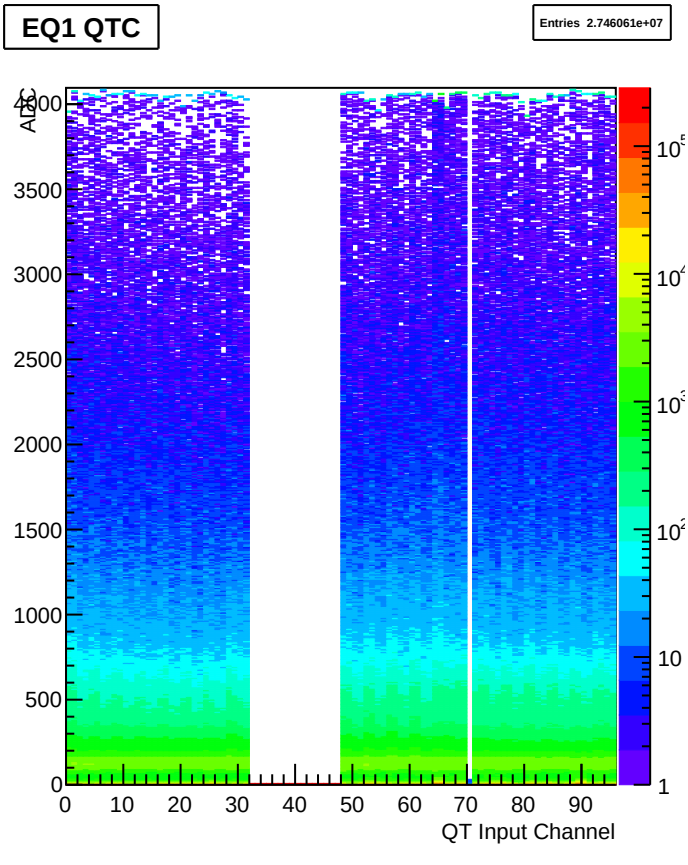

BBQ-VP001 East
Entries 4576768
TAC
QT Input Channel

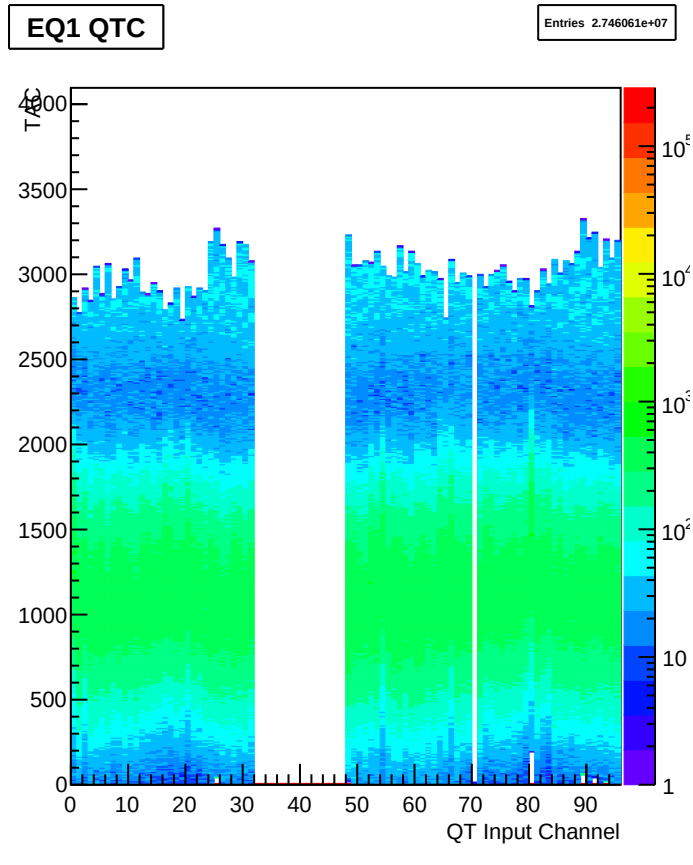

BBQ-VP002 West
Entries 4576768
ADC
QT Input Channel

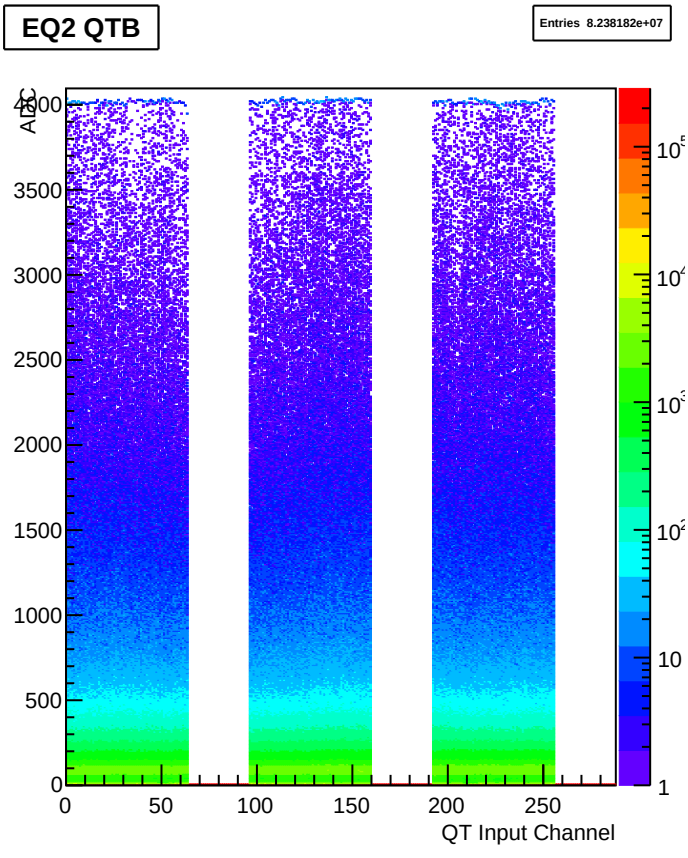

BBQ-VP002 West
Entries 4576768
TAC
QT Input Channel

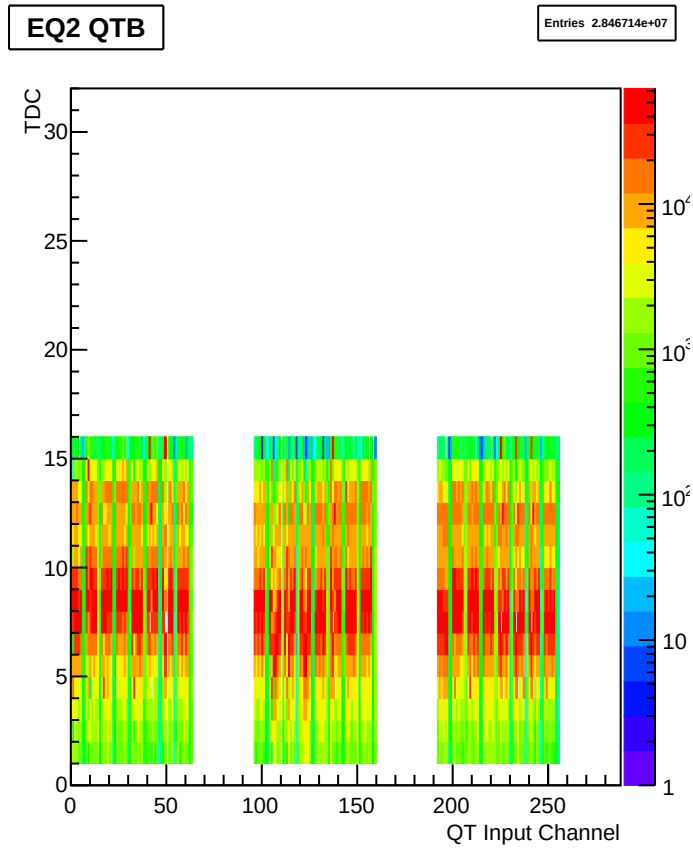

EQ1 QTB
Entries 8.238182e+07
ADC
QT Input Channel

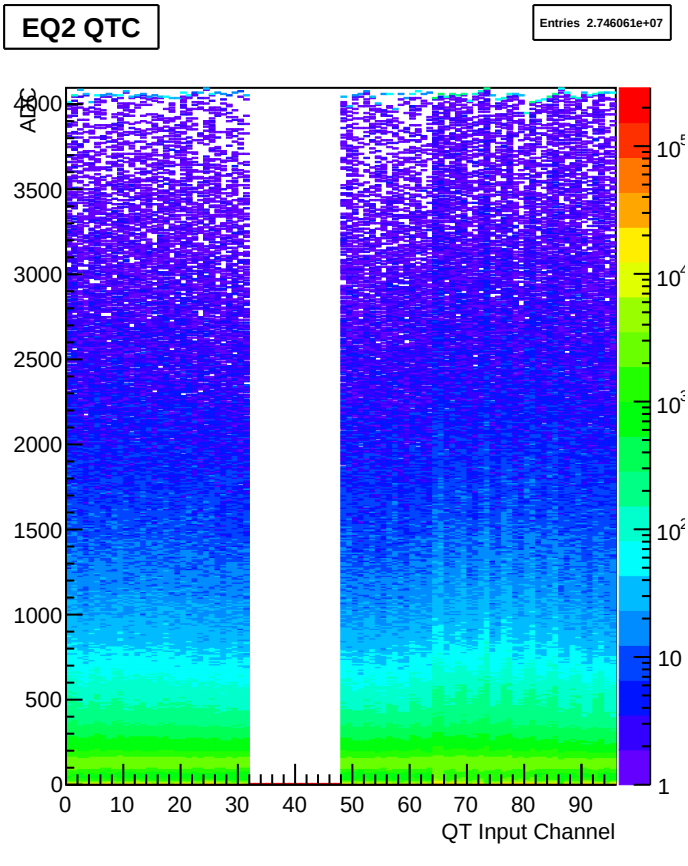

EQ1 QTB
Entries 2.852888e+07
TDC
QT Input Channel

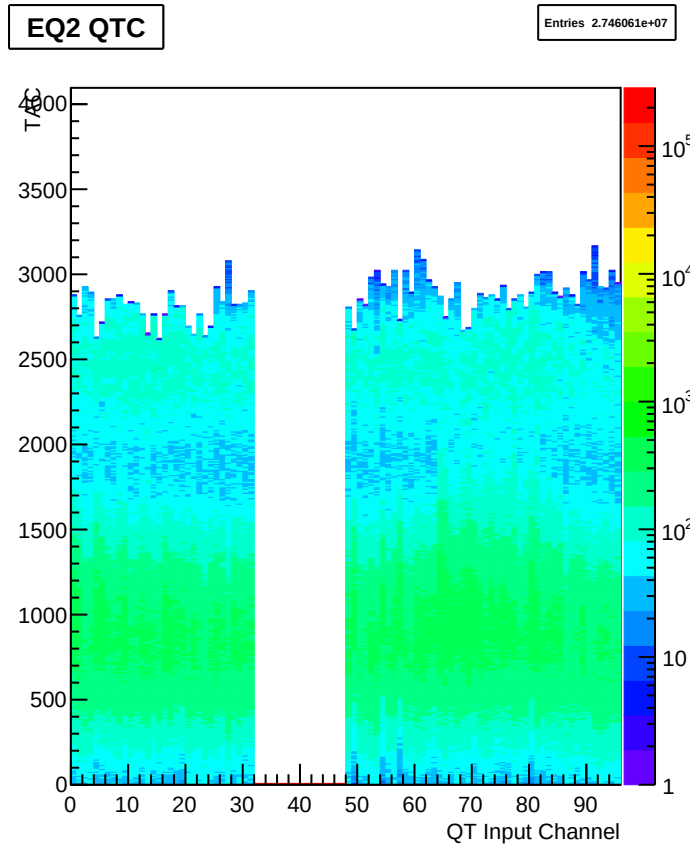

EQ1 QTC
Entries 2.746061e+07
ADC
QT Input Channel

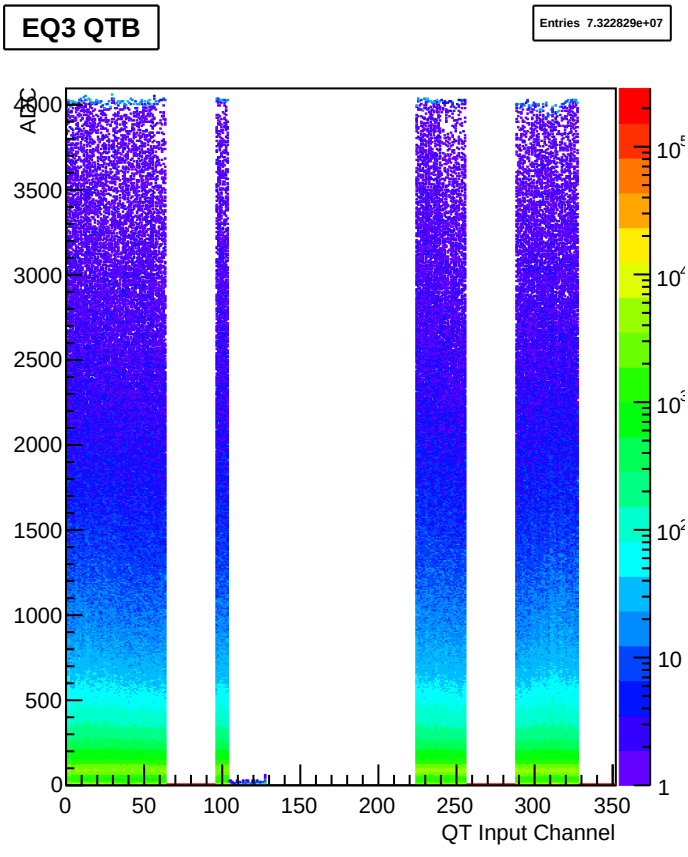

EQ1 QTC
Entries 2.746061e+07
TADC
QT Input Channel

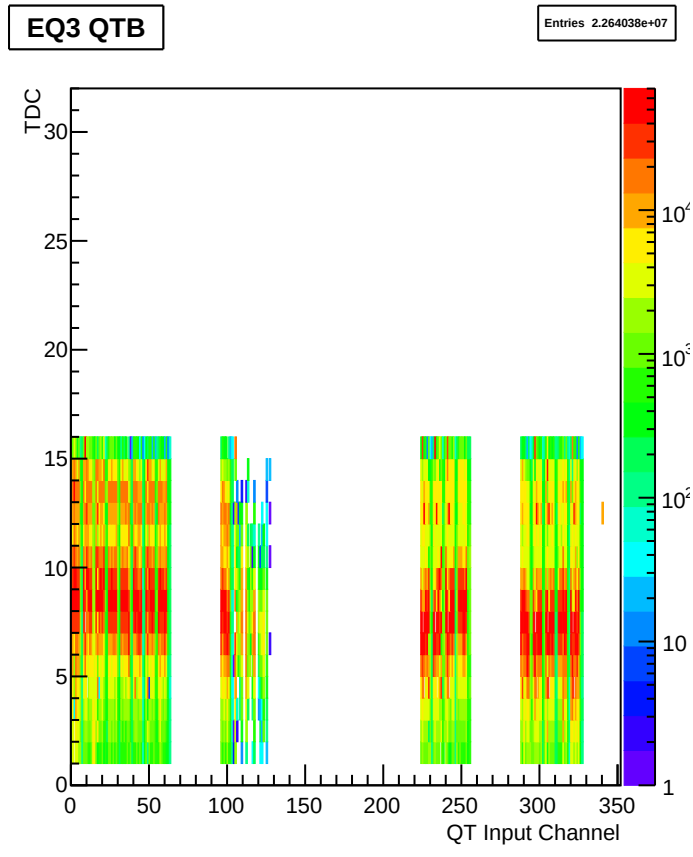

EQ2 QTB
Entries 8.238182e+07
ADC
QT Input Channel

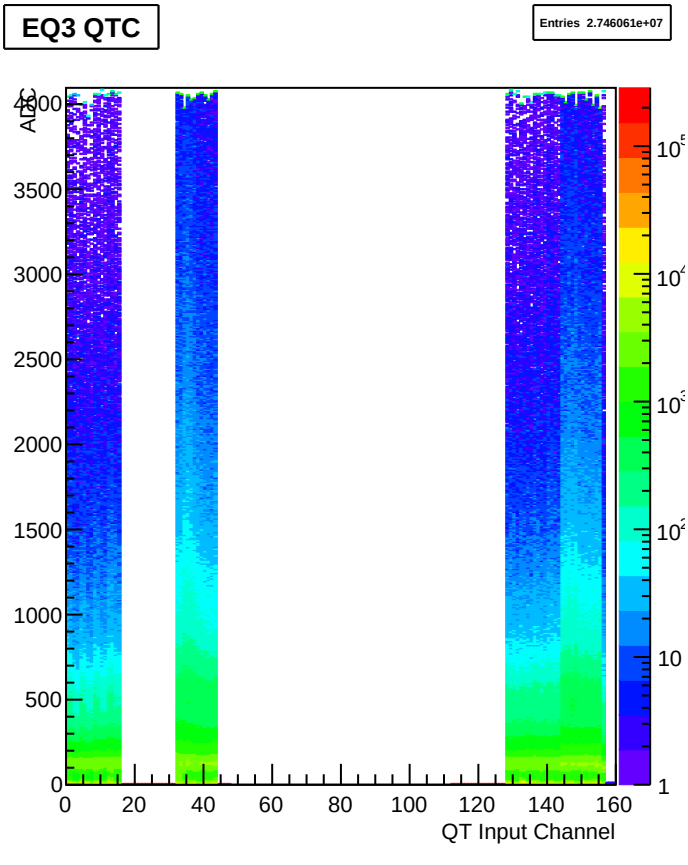

EQ2 QTB
Entries 2.846714e+07
TDC
QT Input Channel

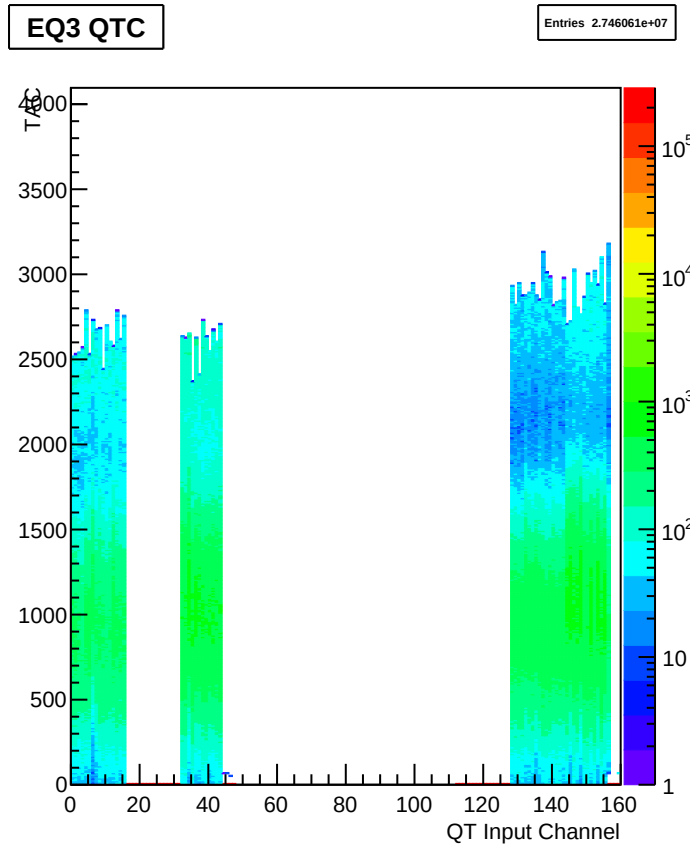

EQ2 QTC
Entries 2.746061e+07
ADC
QT Input Channel

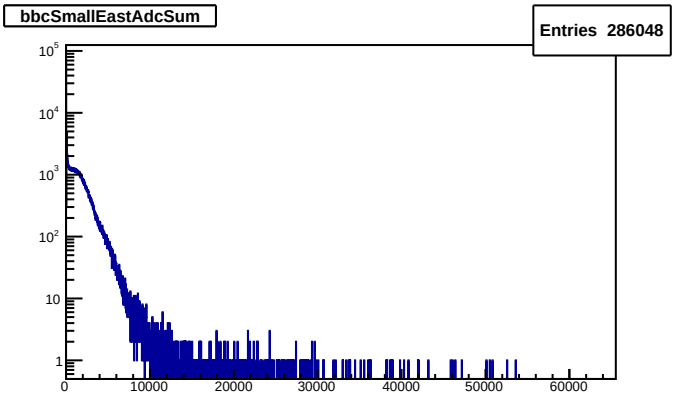

EQ2 QTC
Entries 2.746061e+07
TADC
QT Input Channel

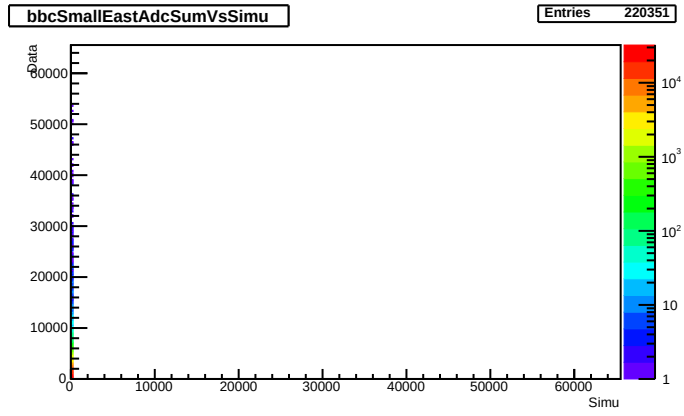

EQ3 QTB
Entries 7.322829e+07
ADC
QT Input Channel

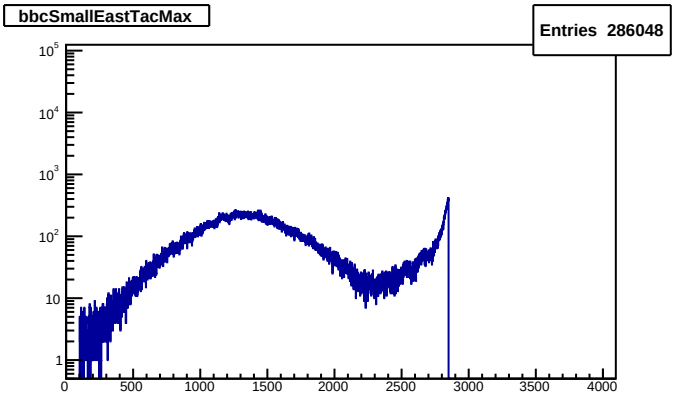

EQ3 QTB
Entries 2.264038e+07
TDC
QT Input Channel

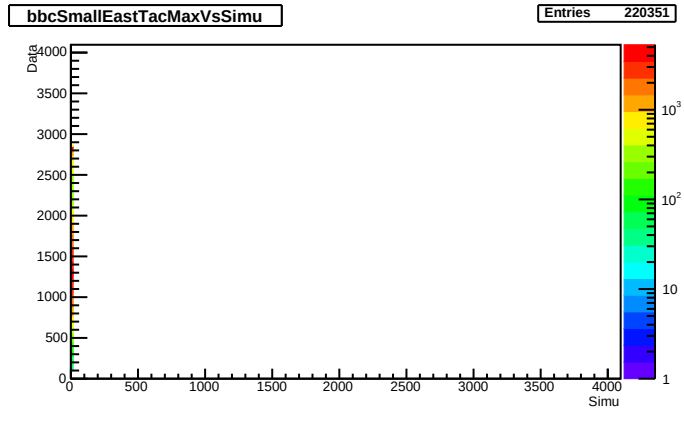

EQ3 QTC
Entries 2.746061e+07
ADC
QT Input Channel

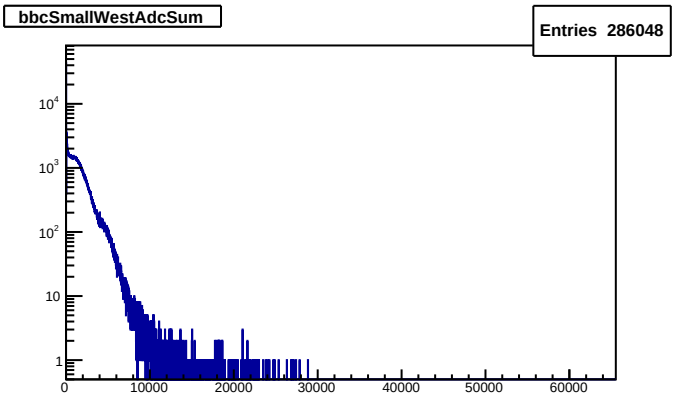

EQ3 QTC
Entries 2.746061e+07
TADC
QT Input Channel

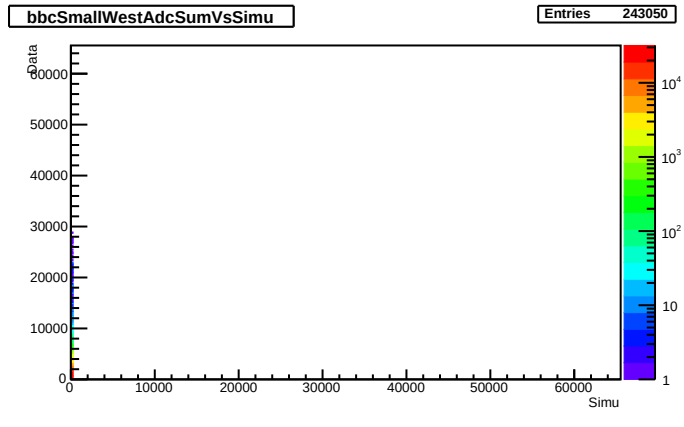

bbcSmallEastAdcSum
Entries 286048

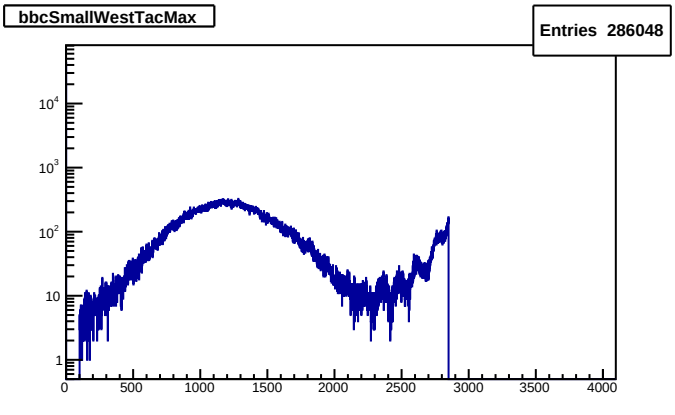

bbcSmallEastAdcSumVsSimu
Entries 220351
Data
Simu

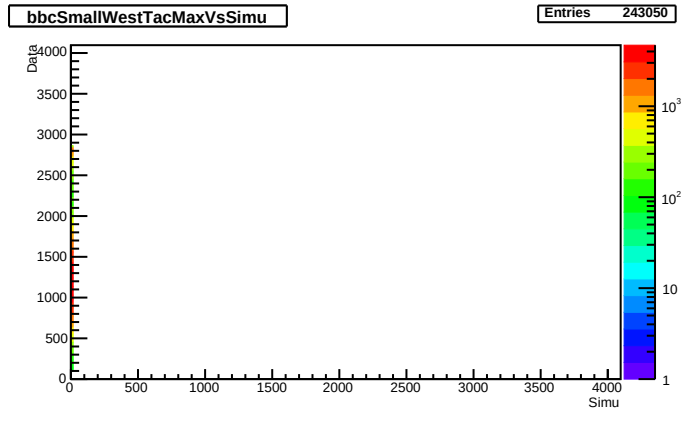

bbcSmallEastTacMax
Entries 286048

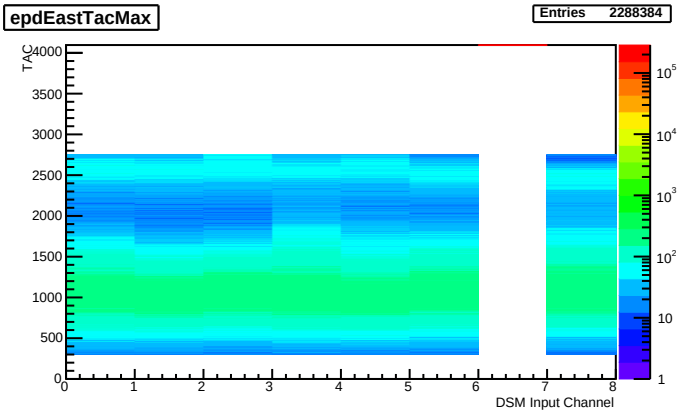

bbcSmallEastTacMaxVsSimu
Entries 220351
Data
Simu

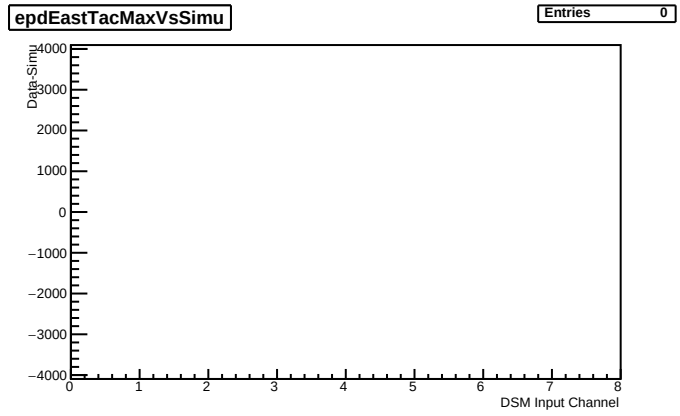

bbcSmallWestAdcSum
Entries 286048

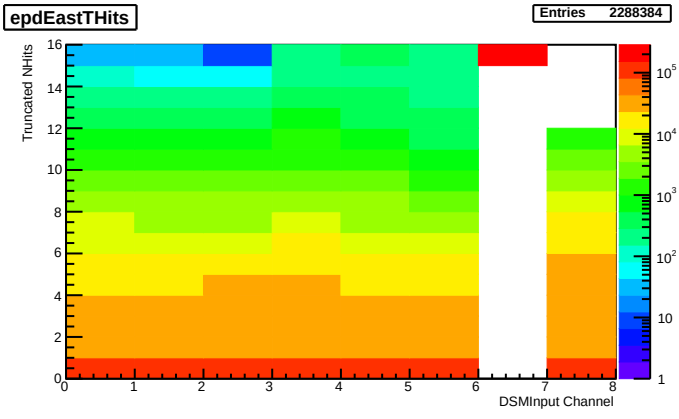

bbcSmallWestAdcSumVsSimu
Entries 243050
Data
Simu

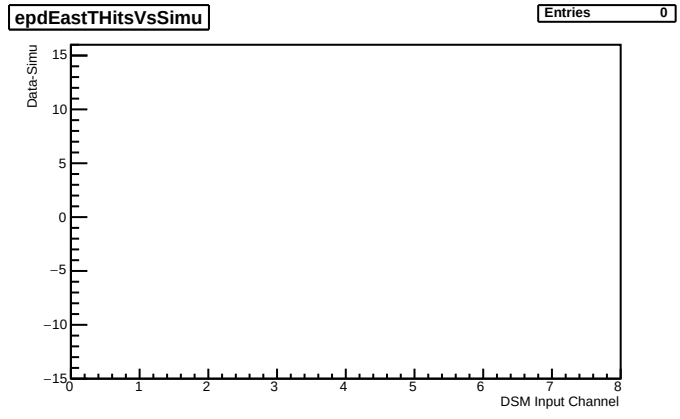

bbcSmallWestTacMax
Entries 286048


bbcSmallWestTacMaxVsSimu
Entries 243050
Data
Simu


epdEastTacMax
Entries 2288384
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2288384
Truncated NHits
DSMInput Channel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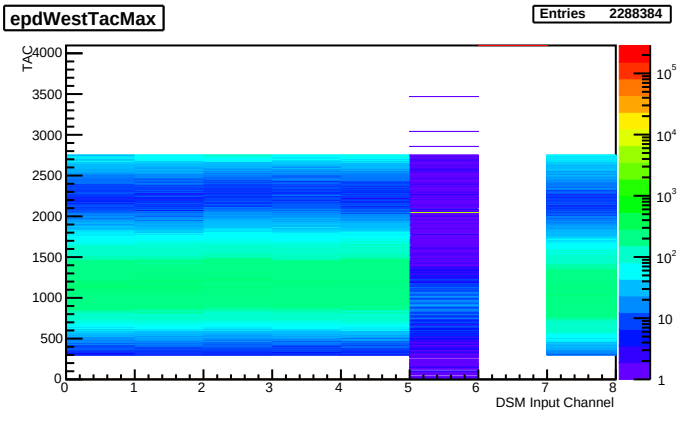
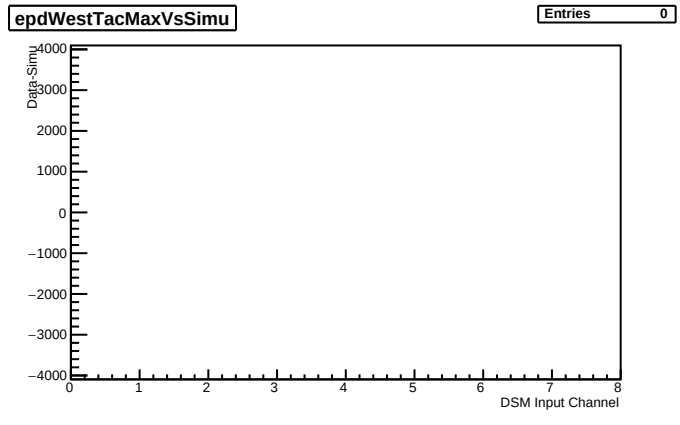
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2288384
TAC
DSM Input Channel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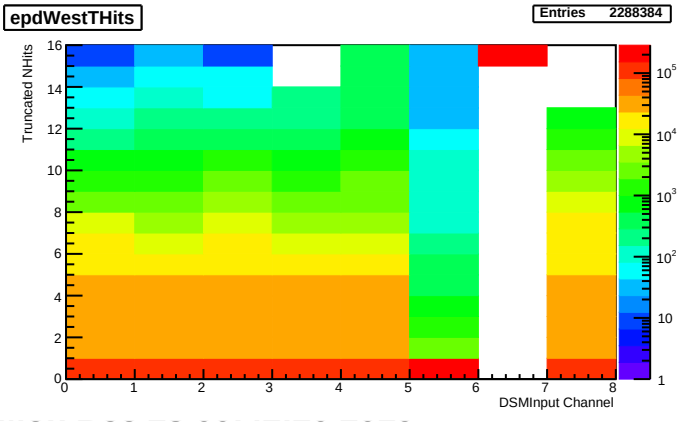
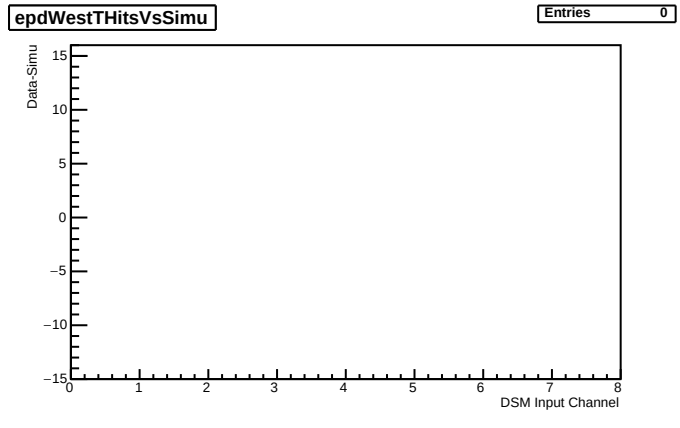
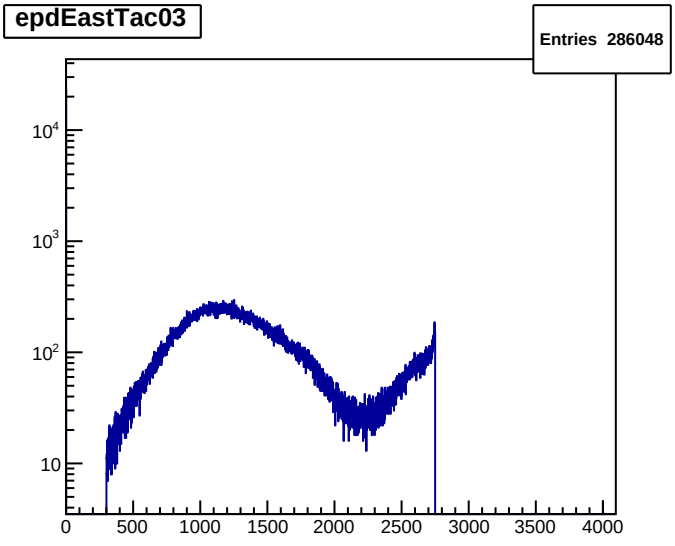
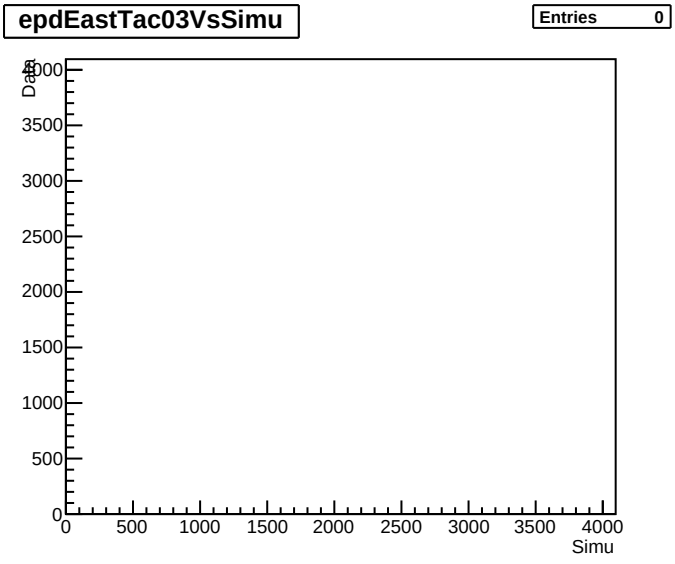
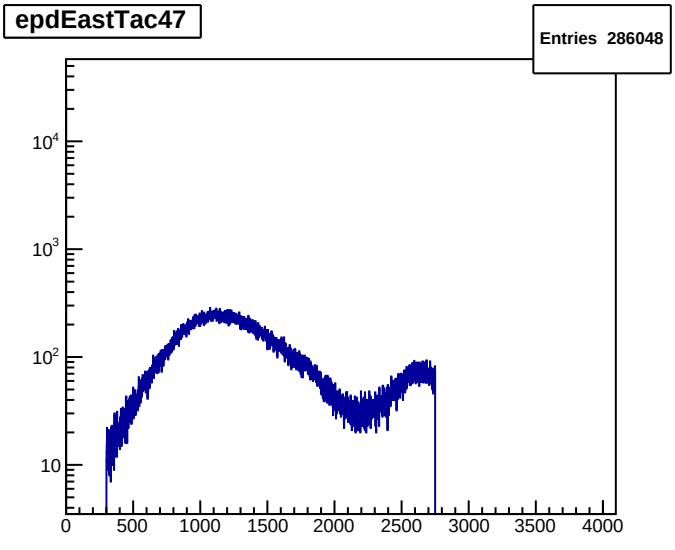
Entries 0
Data-Simu
DSM Input Channel

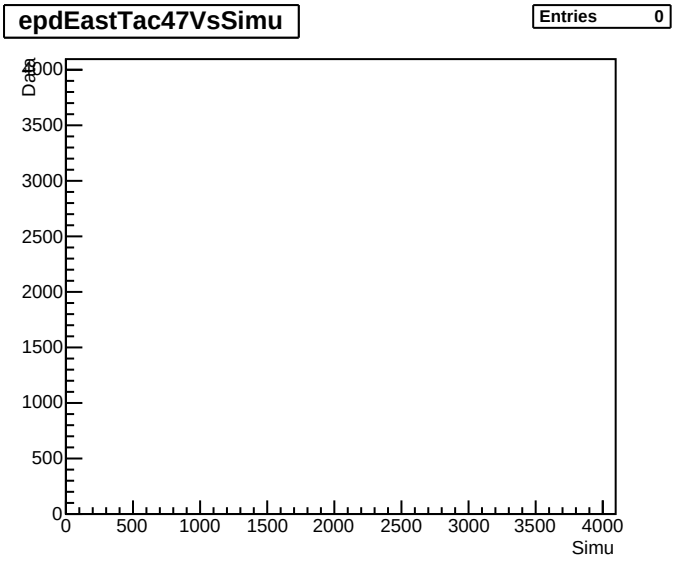

epdWestTHits
Entries 2288384
Truncated NHits
DSMInput Channel

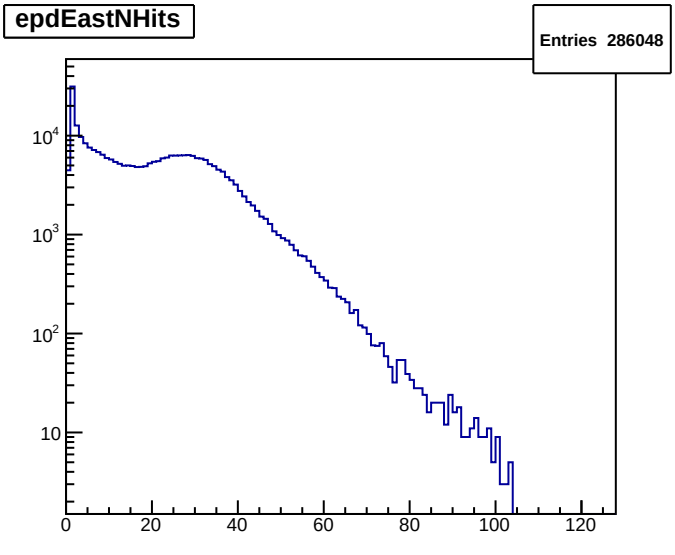

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

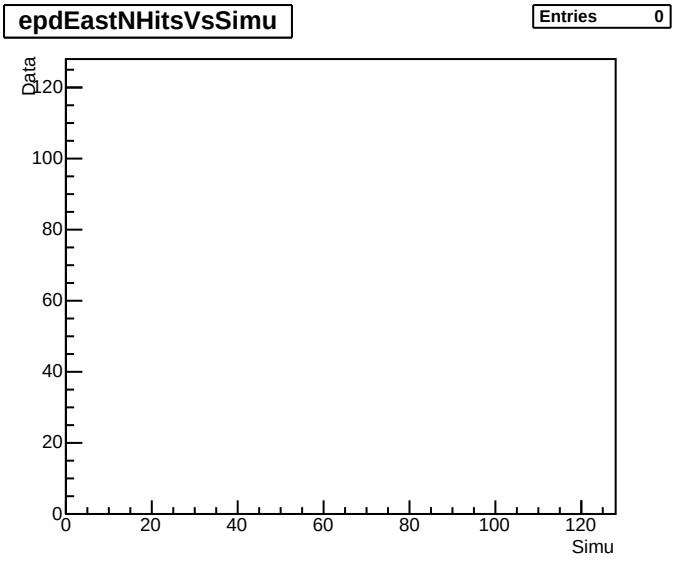

epdEastTac03
Entries 286048


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 286048


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 286048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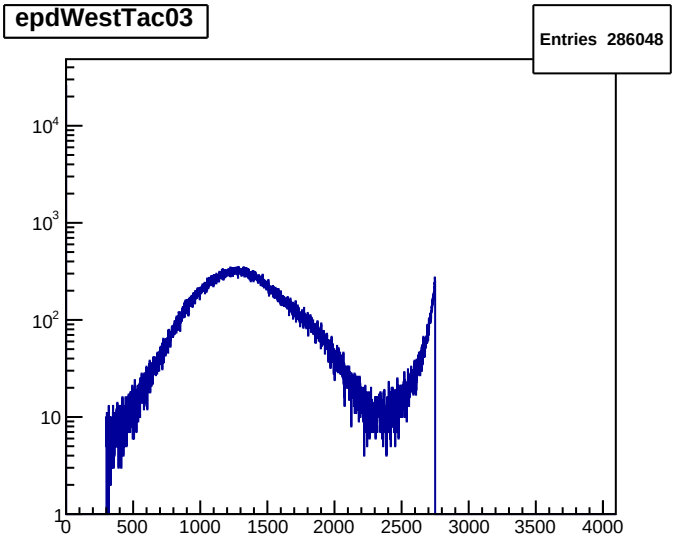
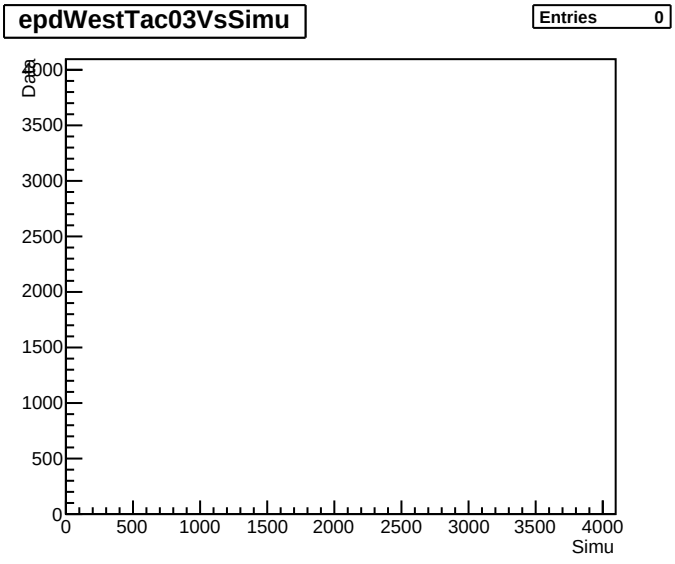
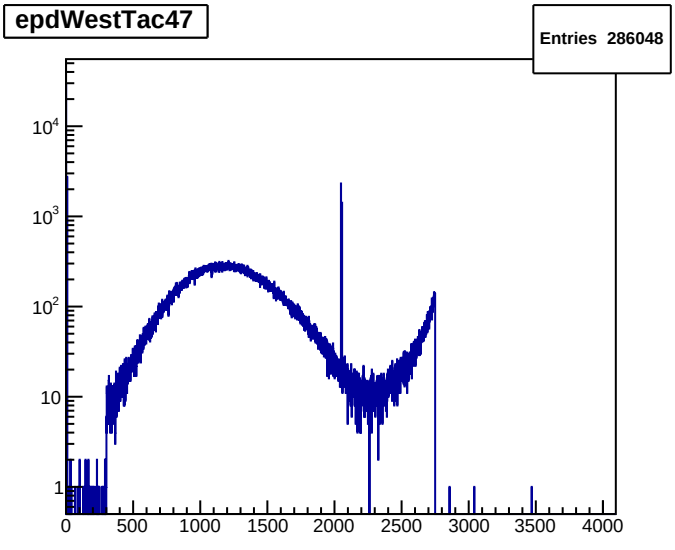
Entries 0
Data
Simu


epdWestTac03
Entries 286048


epdWestTac03VsSimu
Entries 0
Data
Simu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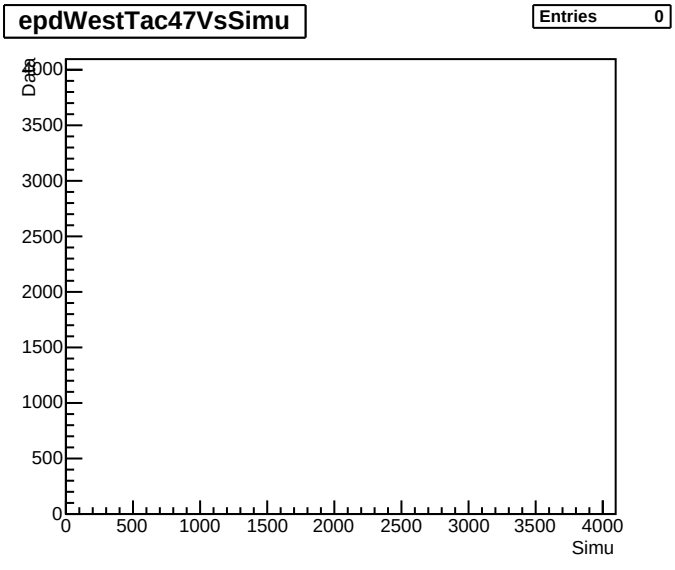
Entries 286048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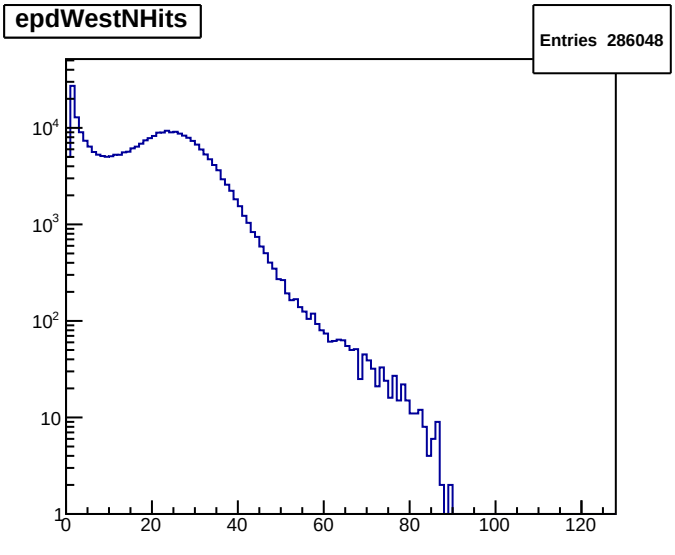
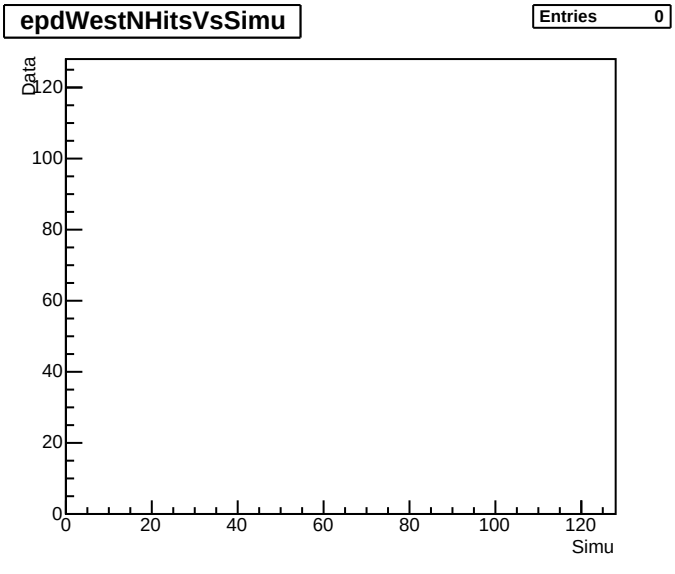
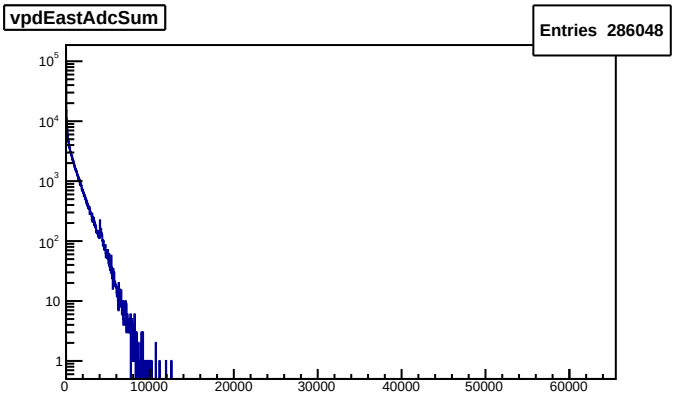
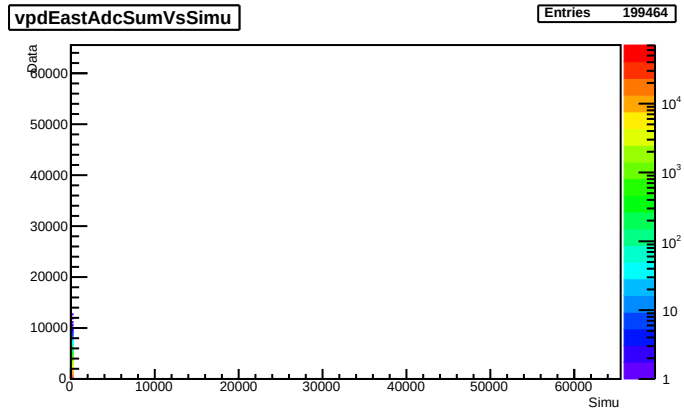
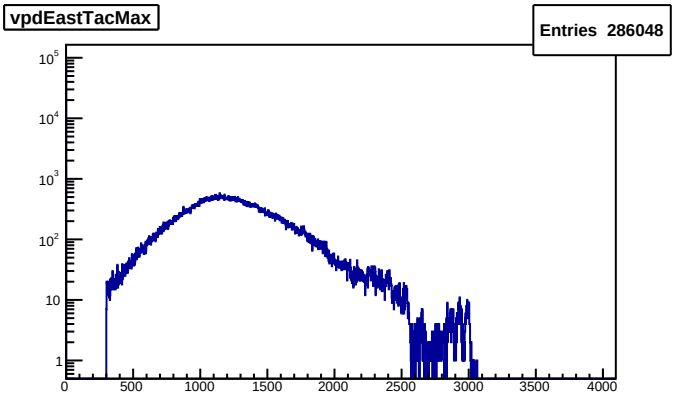
Entries 0
Data
Simu

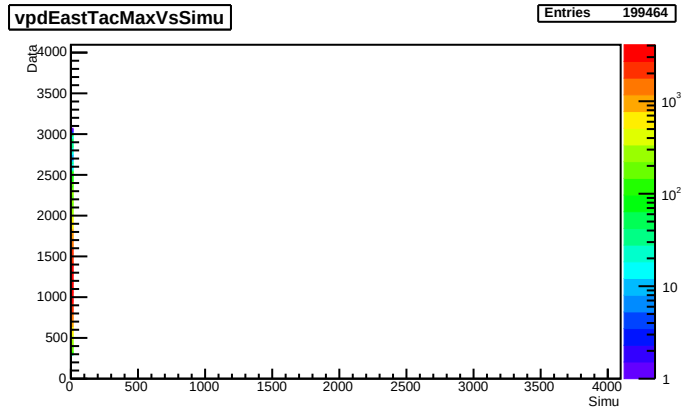

epdWestNHits
Entries 286048

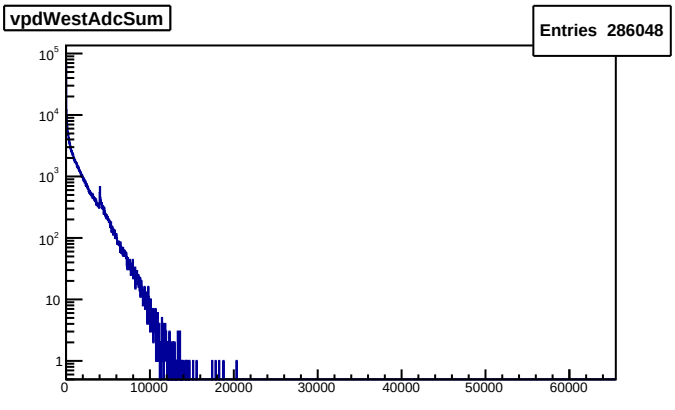

epdWestNHitsVsSimu
Entries 0
Data
Simu

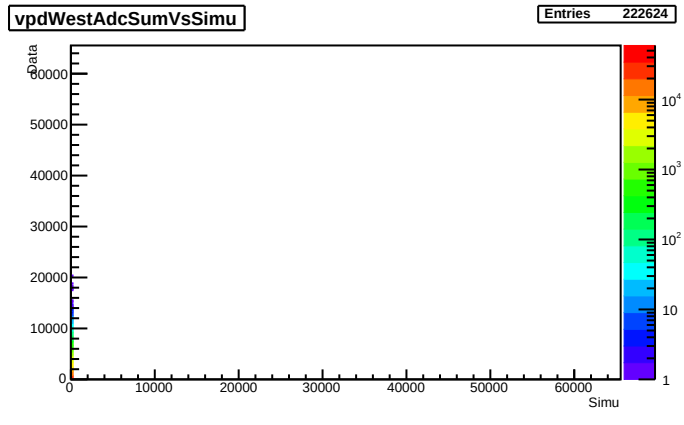

vpdEastAdcSum
Entries 286048

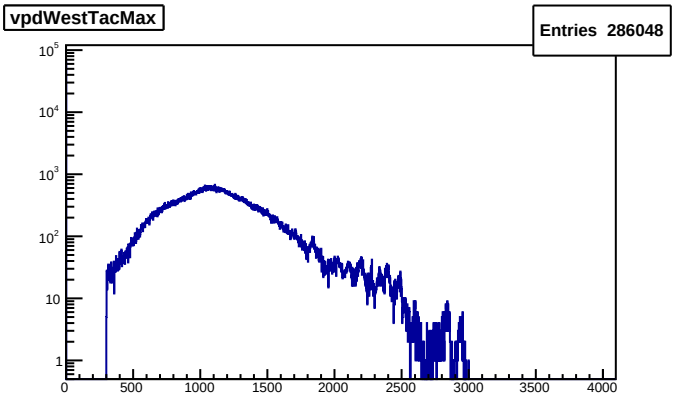

vpdEastAdcSumVsSimu
Entries 199464
Data
Simu

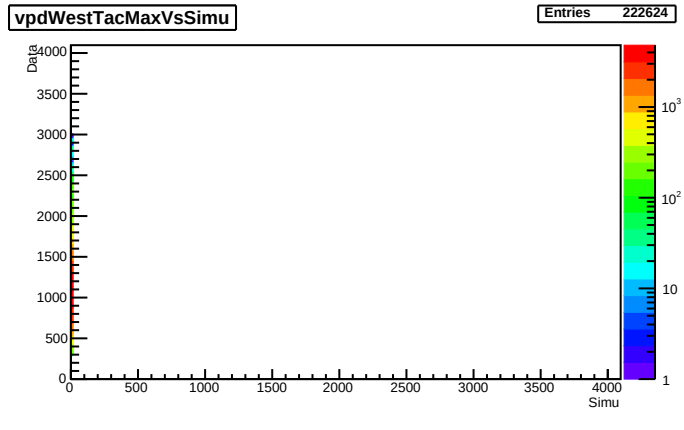

vpdEastTacMax
Entries 286048

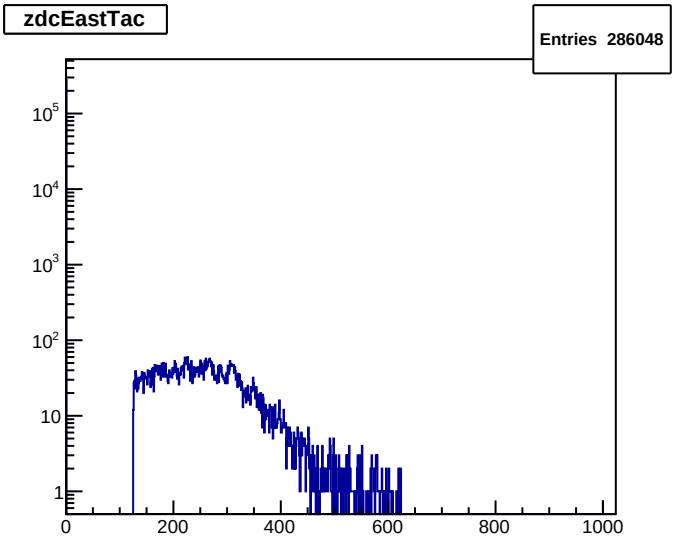

vpdEastTacMaxVsSimu
Entries 199464
Data
Simu

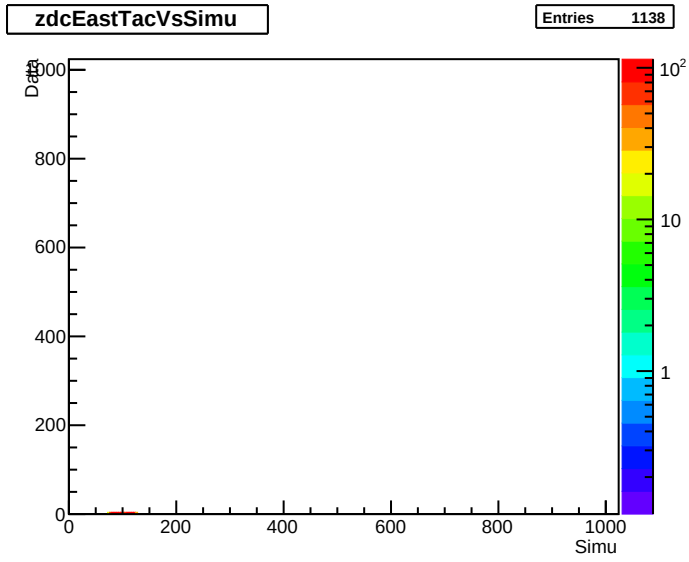

vpdWestAdcSum
Entries 286048

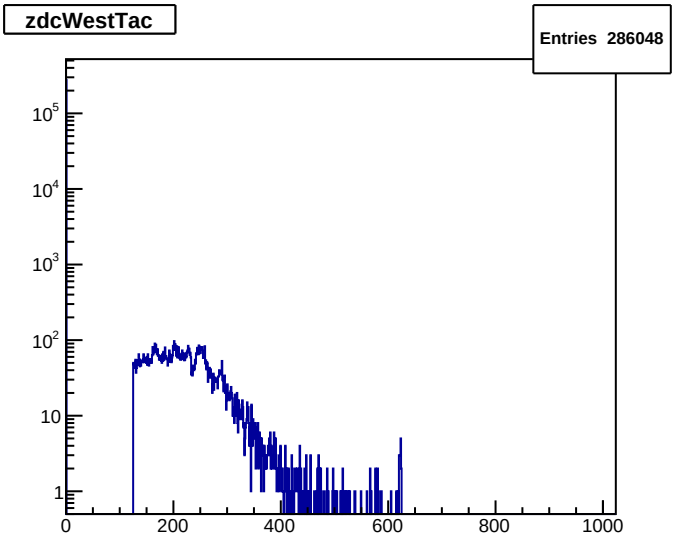

vpdWestAdcSumVsSimu
Entries 222624
Data
Simu

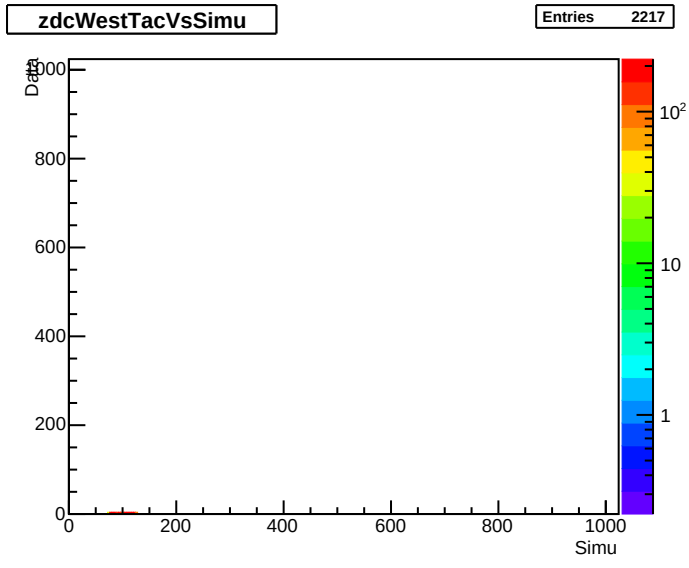

vpdWestTacMax
Entries 286048

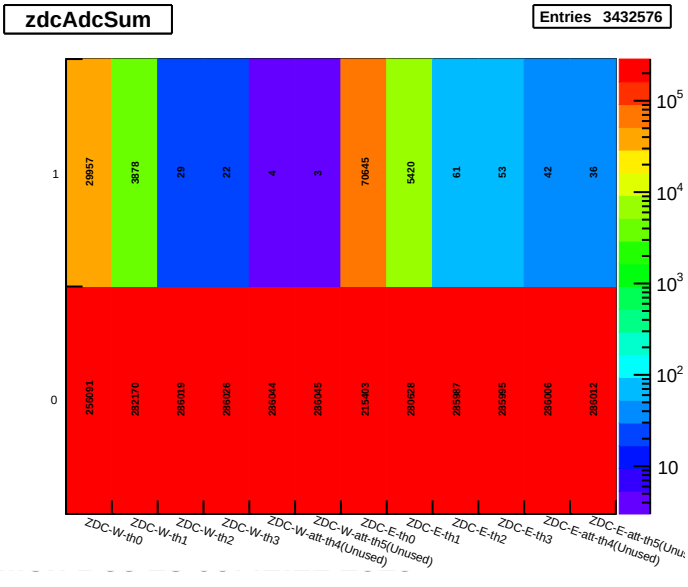

vpdWestTacMaxVsSimu
Entries 222624
Data
Simu

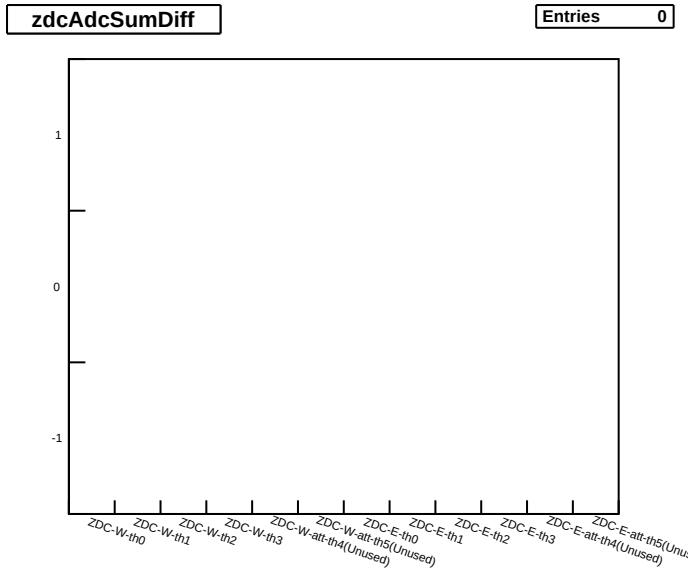

zdcEastTac
Entries 286048

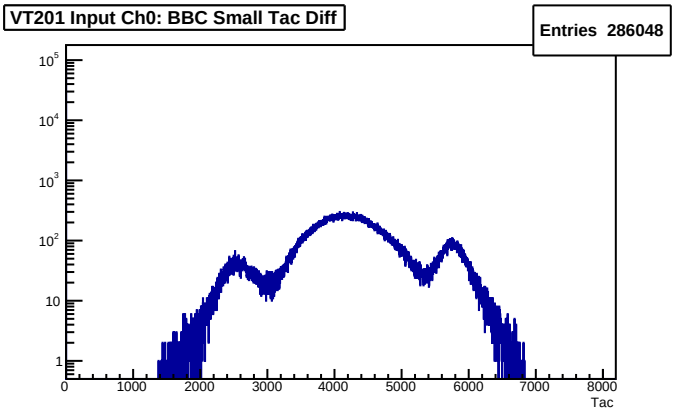

zdcEastTacVsSimu
Entries 1138
Data
Simu

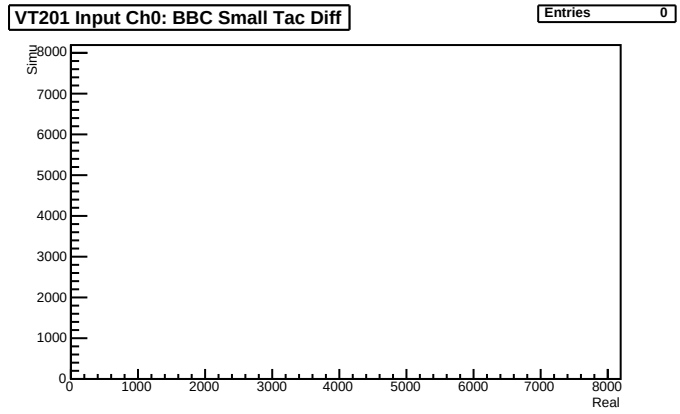

zdcWestTac
Entries 286048

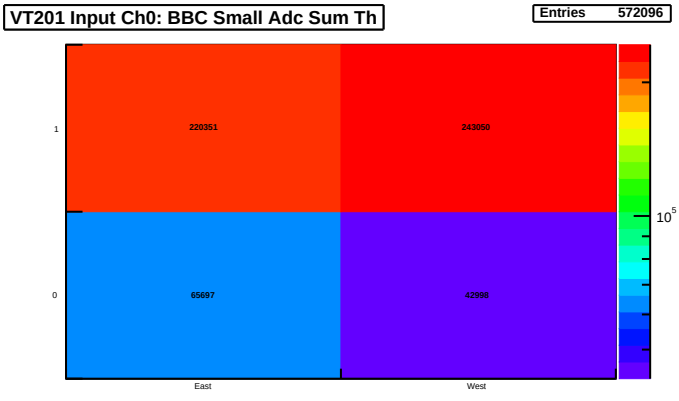

zdcWestTacVsSimu
Entries 2217
Data
Simu

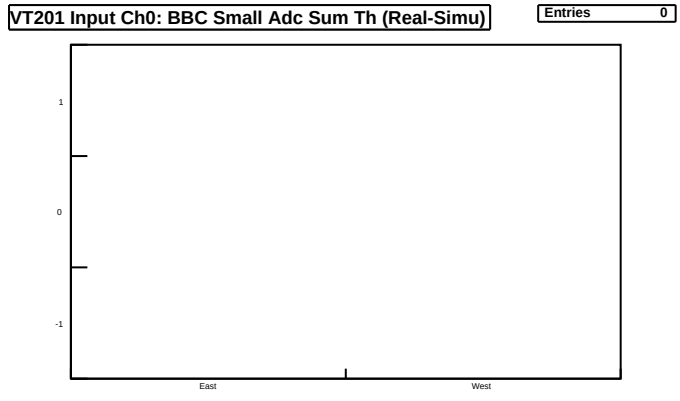

zdcAdcSum
Entries 3432576
29957
3878
29
22
4
3
70645
5420
61
53
42
36
256091
282170
286019
286026
286044
286045
215403
280628
285987
285995
286006
286012
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

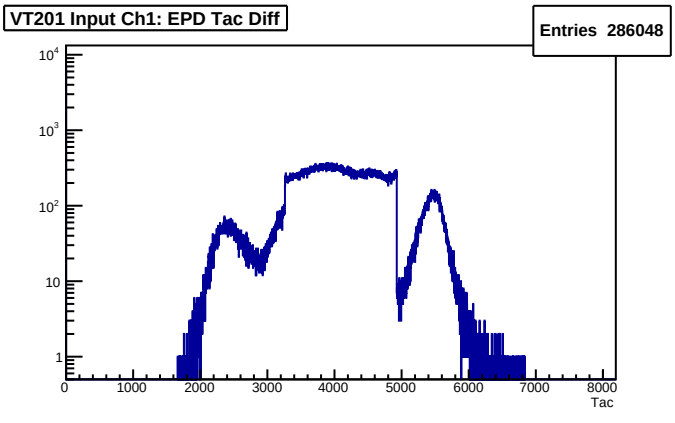

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

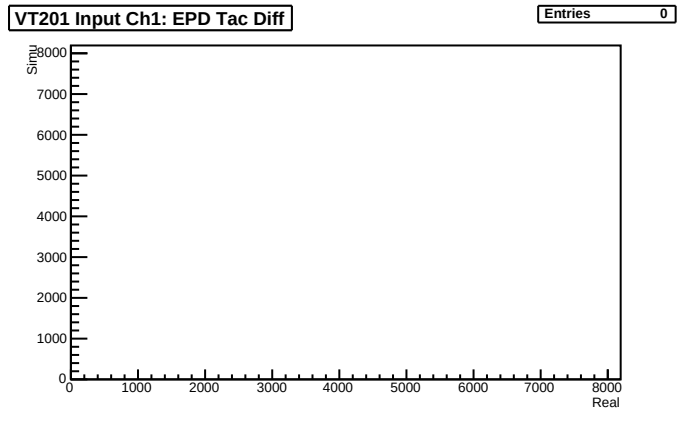

VT201 Input Ch0: BBC Small Tac Diff
Entries 286048
Tac

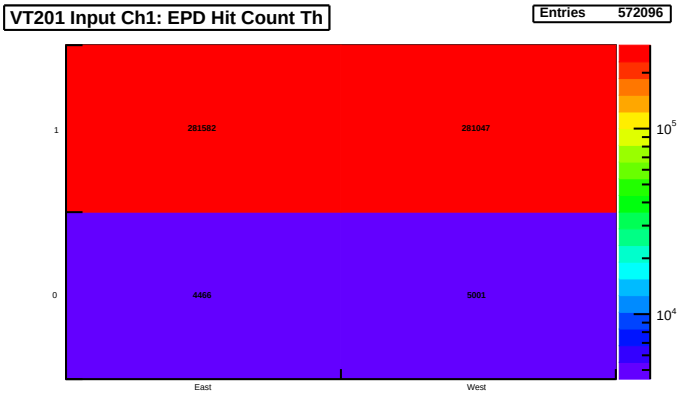

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

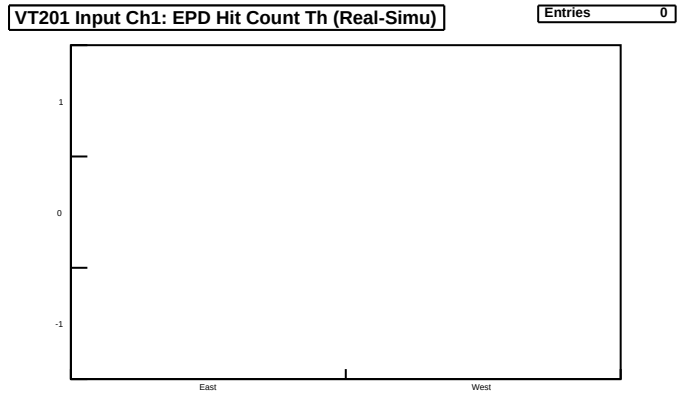

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 572096
220351
243050
65697
42998
East
West

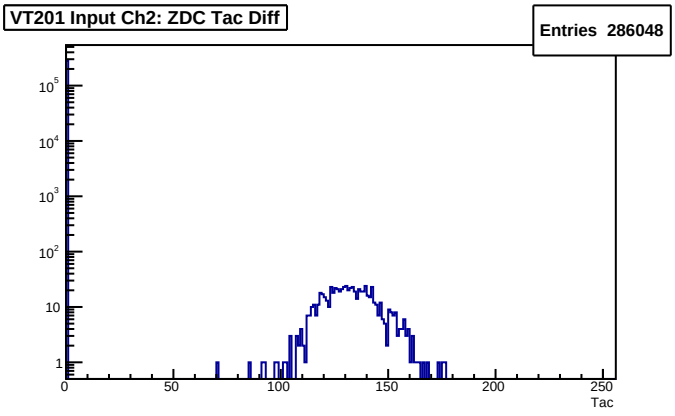

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

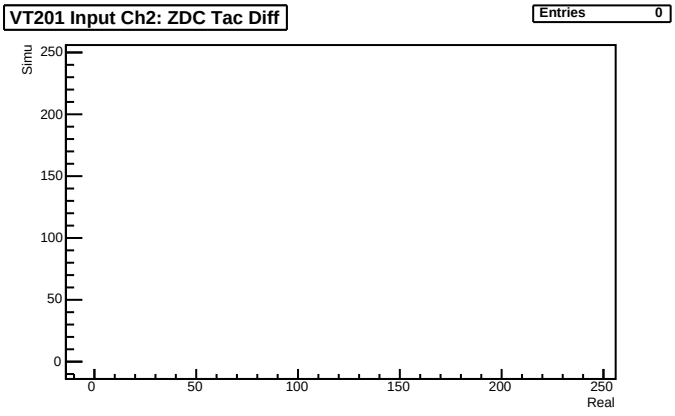

VT201 Input Ch1: EPD Tac Diff
Entries 286048
Tac

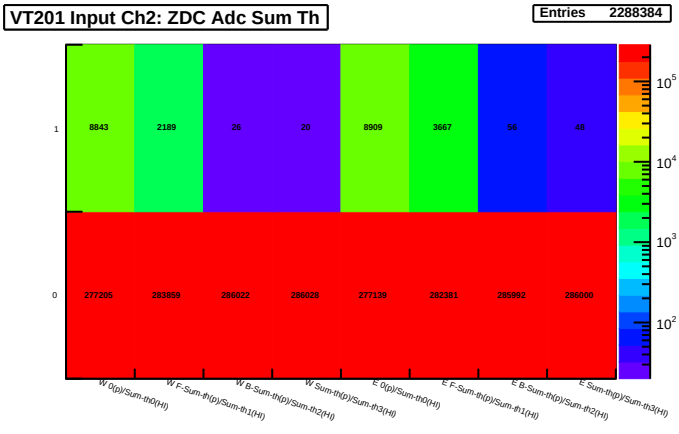

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

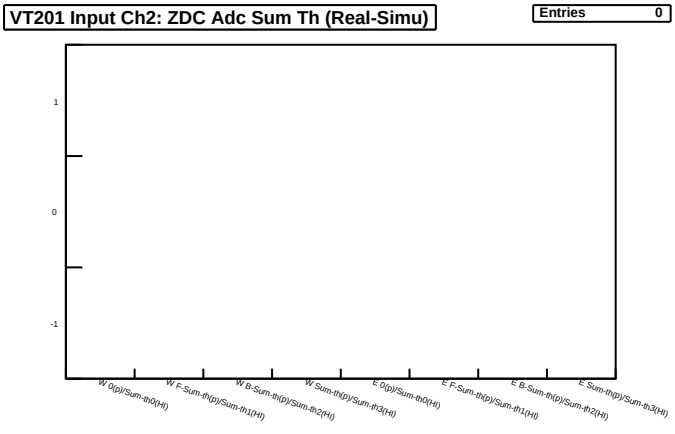

VT201 Input Ch1: EPD Hit Count Th
Entries 572096
281582
281047
4466
5001
East
West

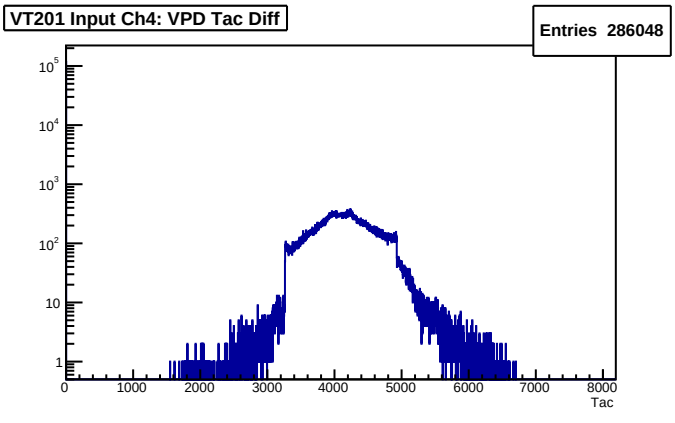

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

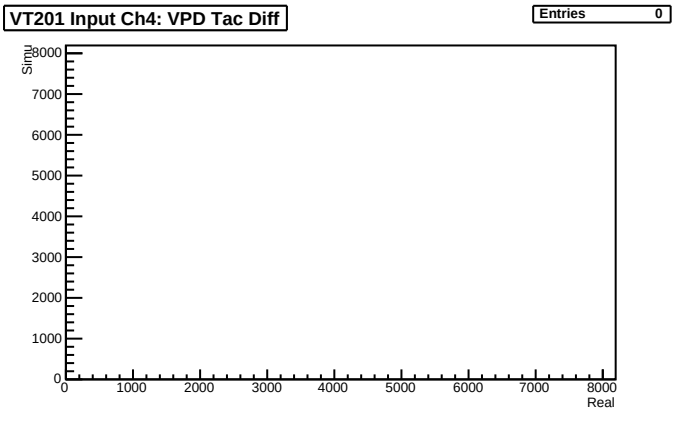

VT201 Input Ch2: ZDC Tac Diff
Entries 286048
Tac

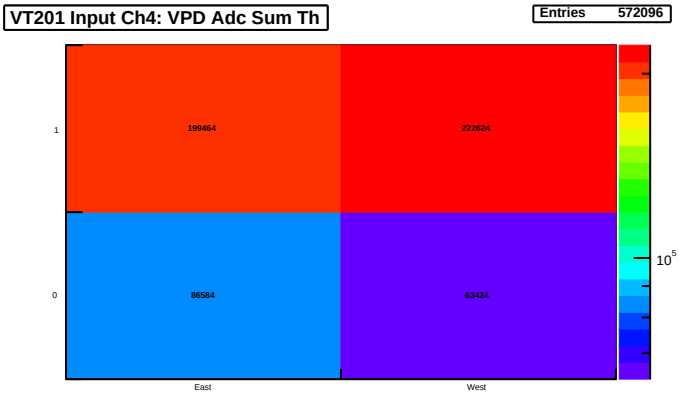

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

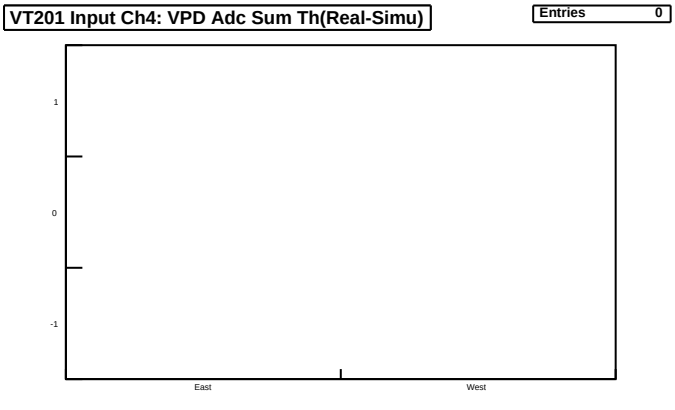

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2288384
8843
2189
26
20
8909
3667
56
48
277205
283859
286022
286028
277139
282381
285992
286000
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

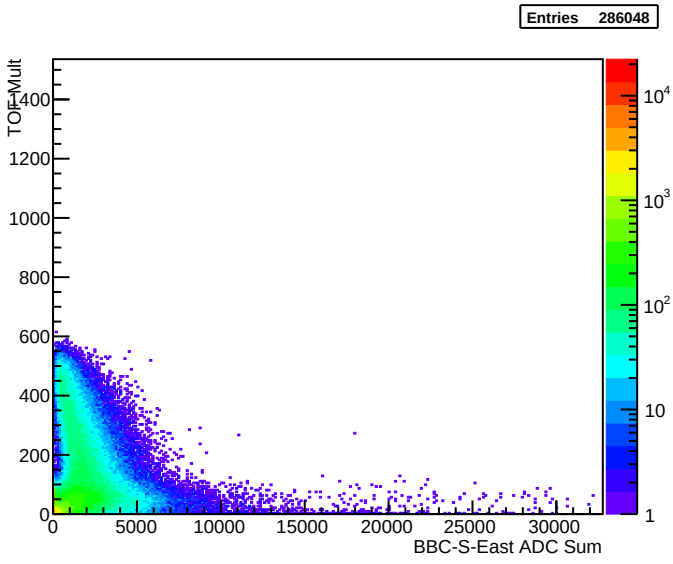

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

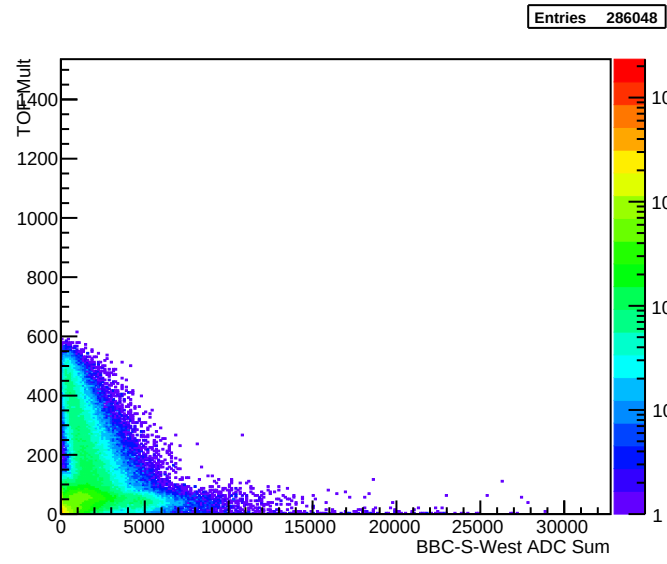

VT201 Input Ch4: VPD Tac Diff
Entries 286048
Tac

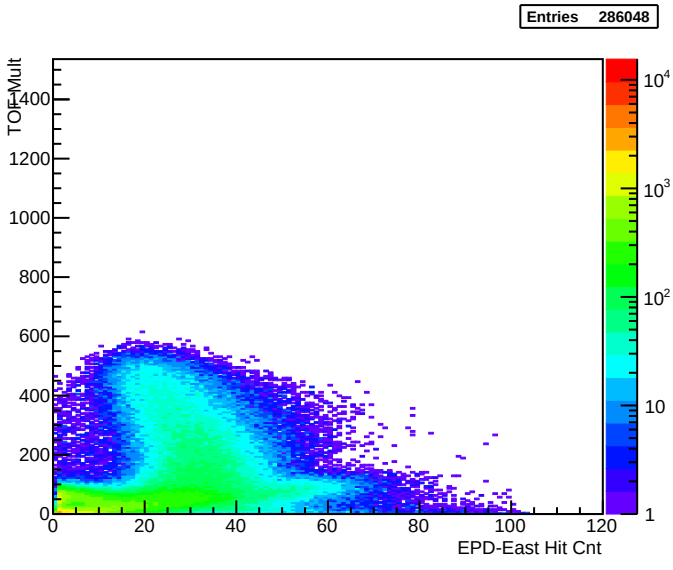

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

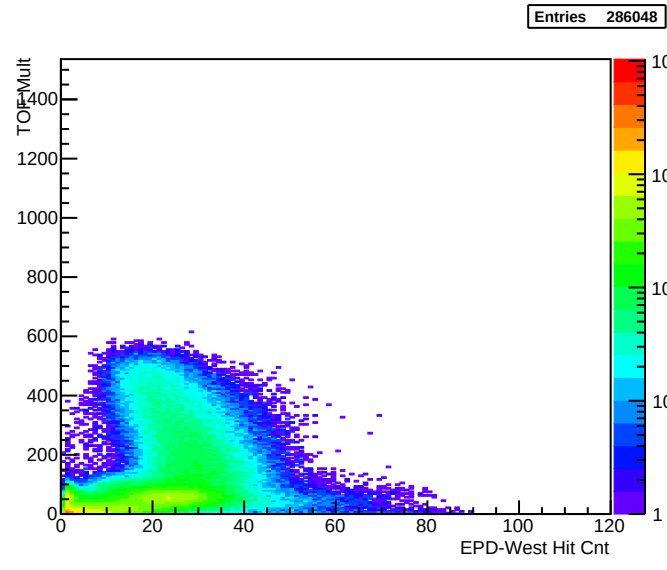

VT201 Input Ch4: VPD Adc Sum Th
Entries 572096
199464
222624
86584
63424
East
West

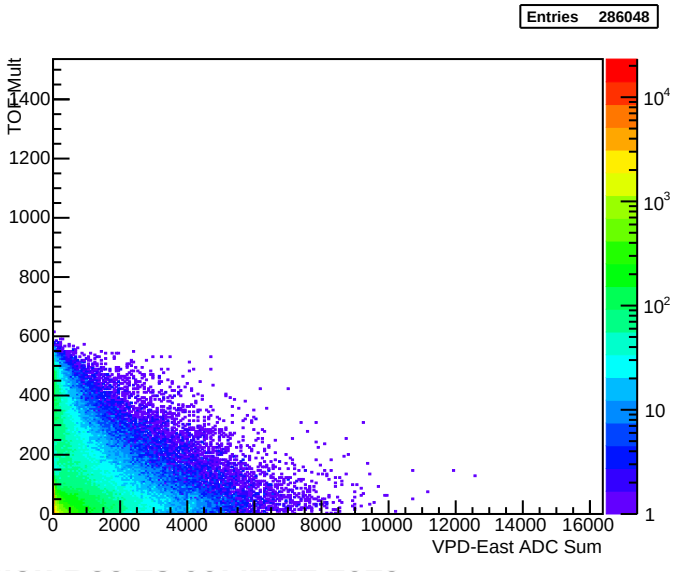

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

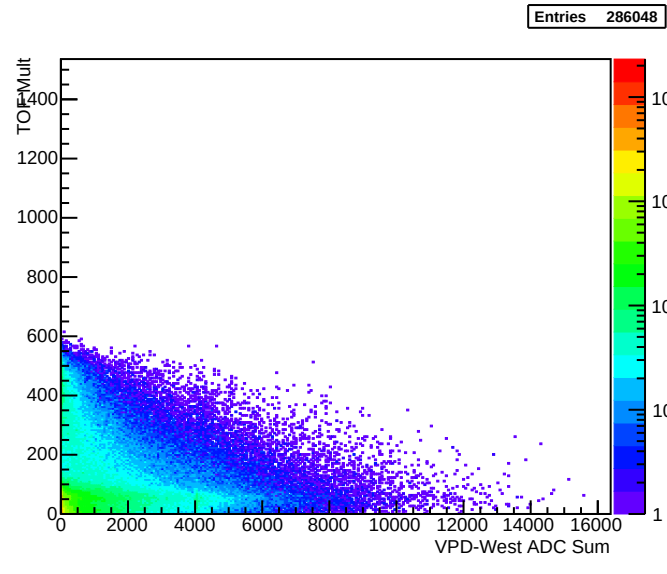

Entries 286048
TOF-Mult
BBC-S-East ADC Sum

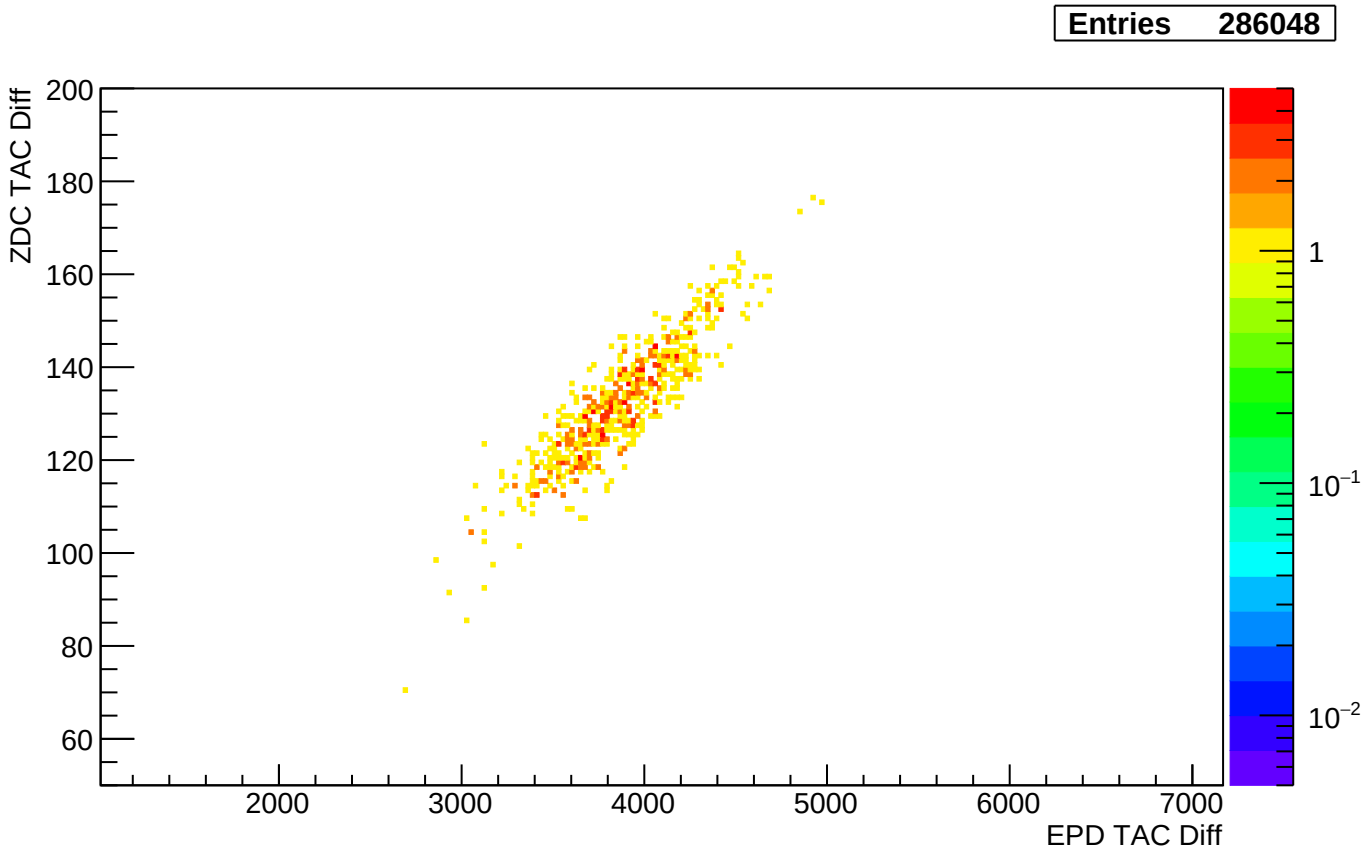

Entries 286048
TOF-Mult
BBC-S-West ADC Sum

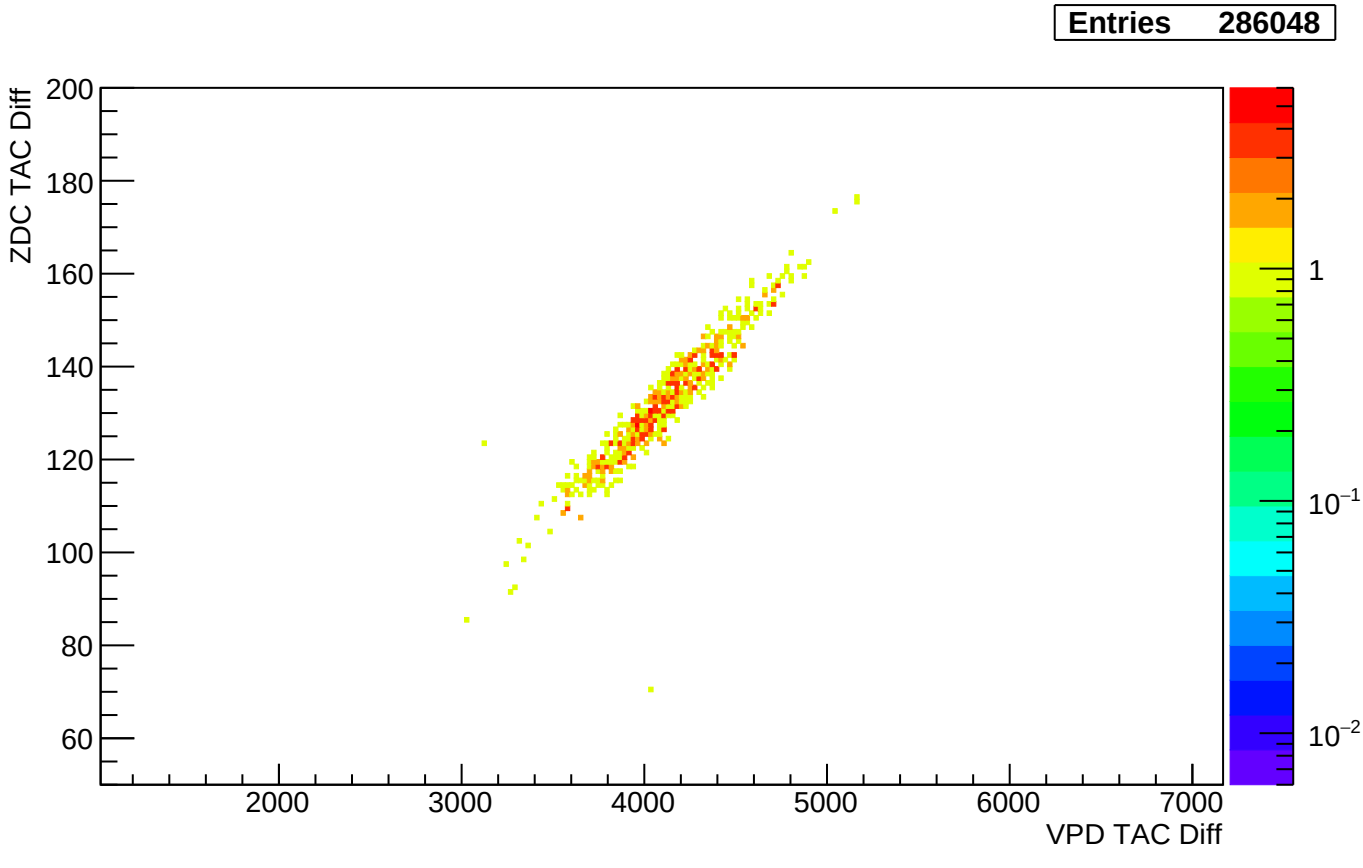

Entries 286048
TOF-Mult
EPD-East Hit Cnt

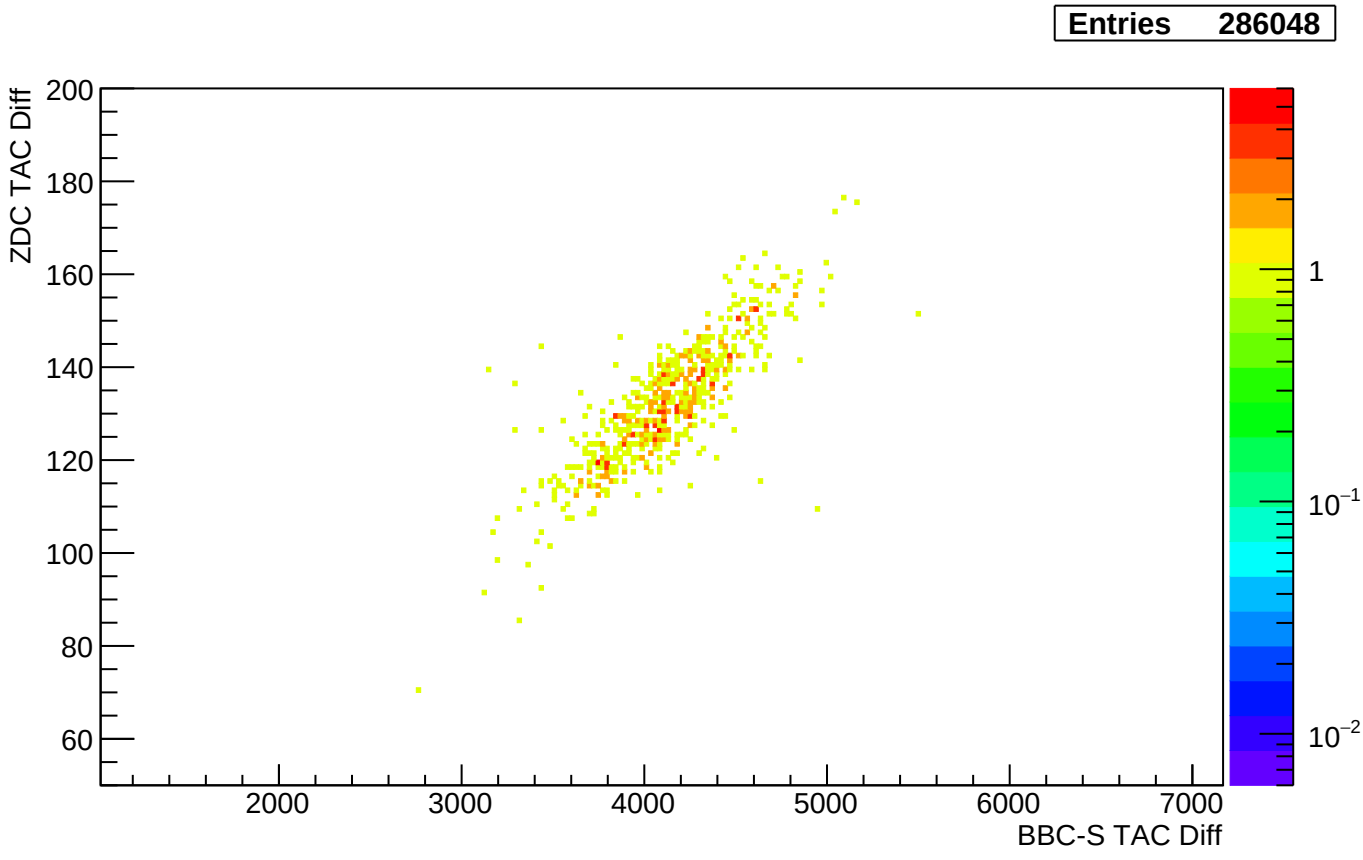

Entries 286048
TOF-Mult
EPD-West Hit Cnt

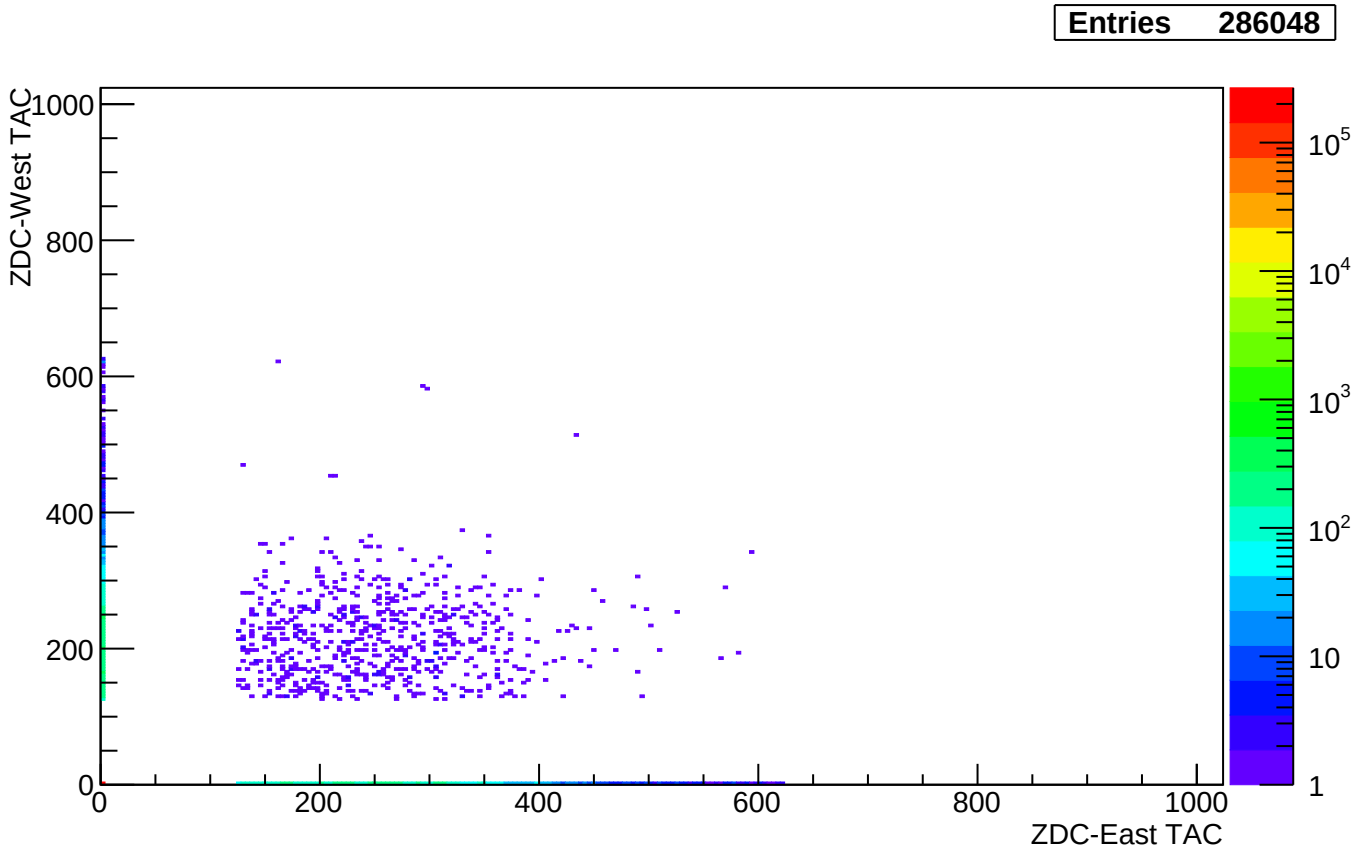

Entries 286048
TOF-Mult
VPD-East ADC Sum

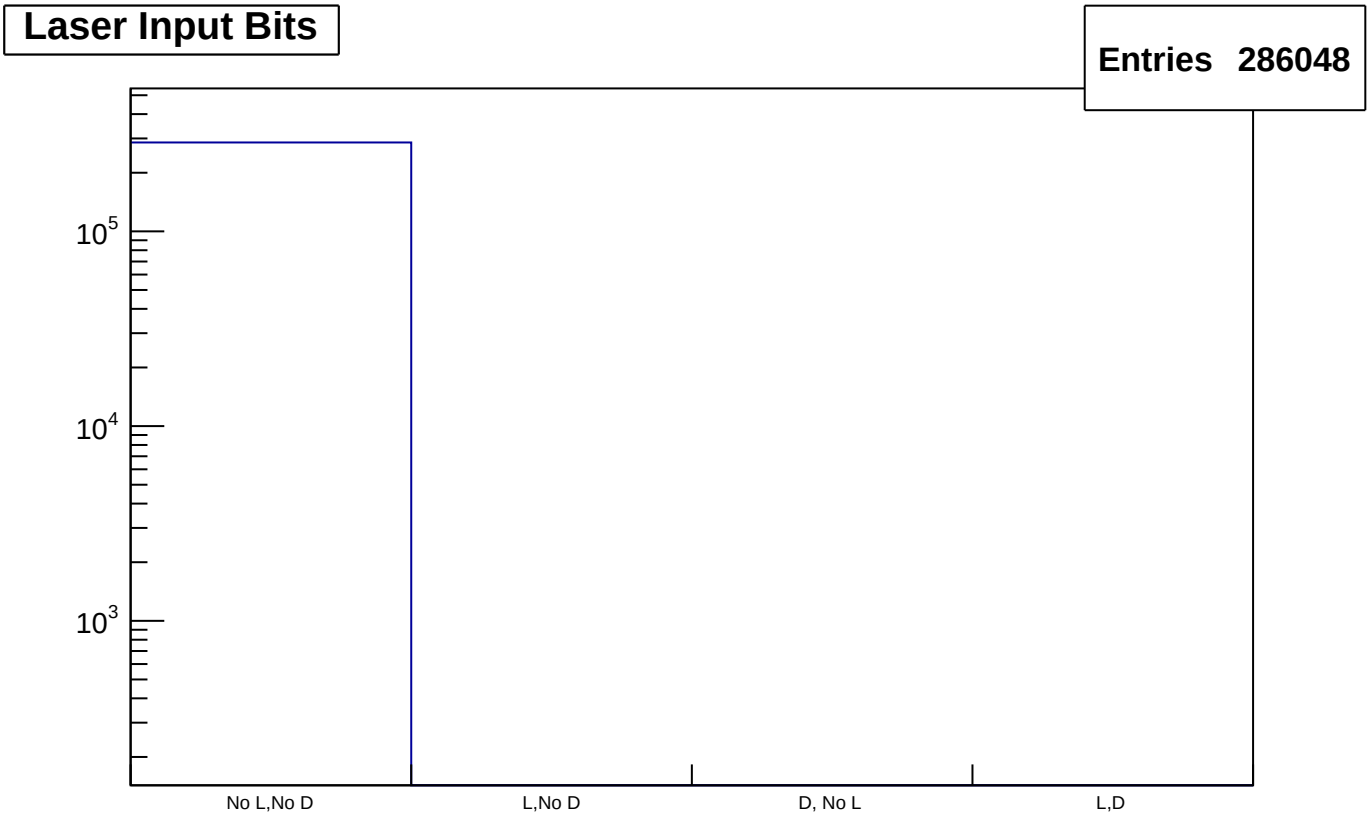

Entries 286048
TOF-Mult
VPD-West ADC Sum

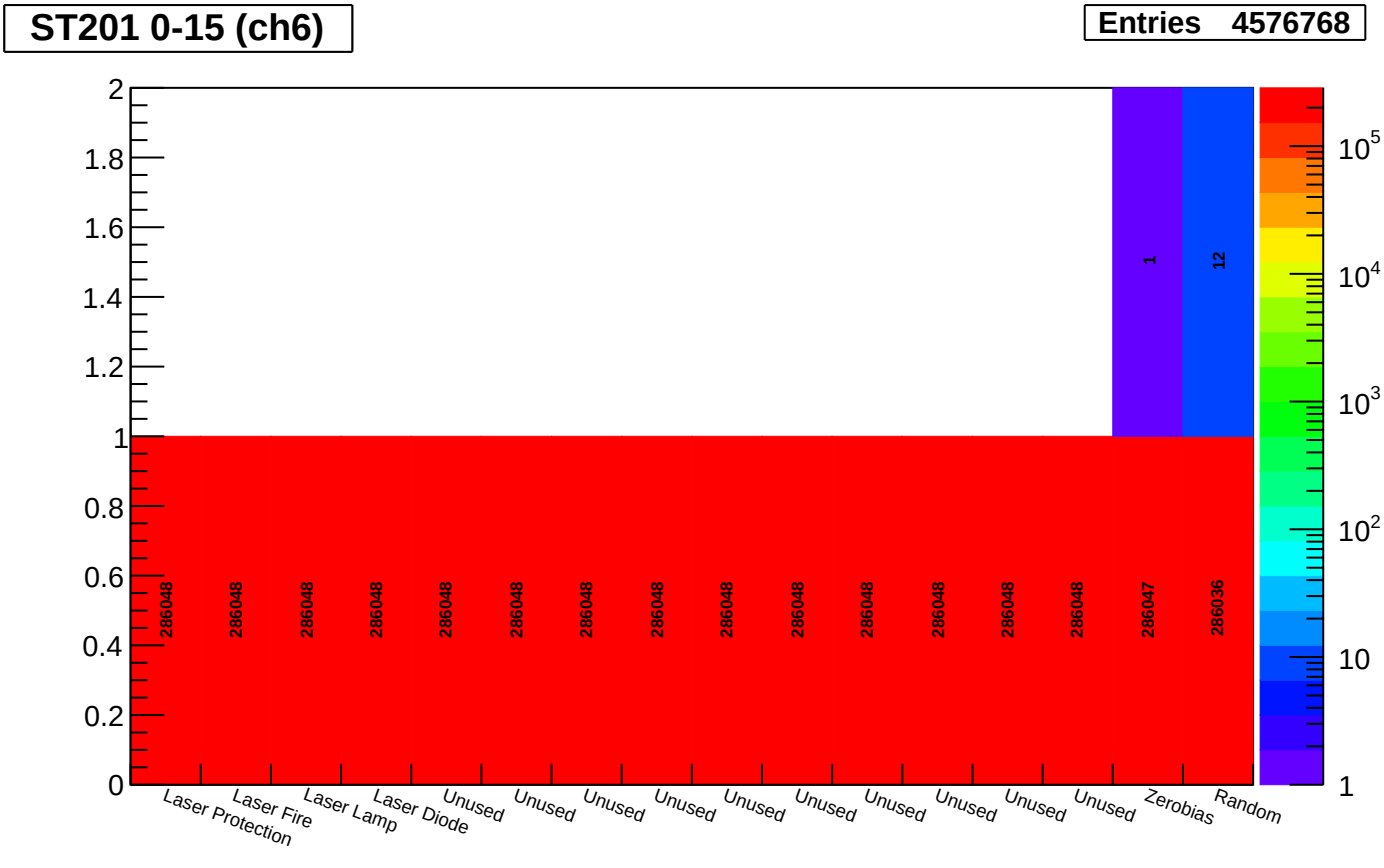

Entries 286048
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

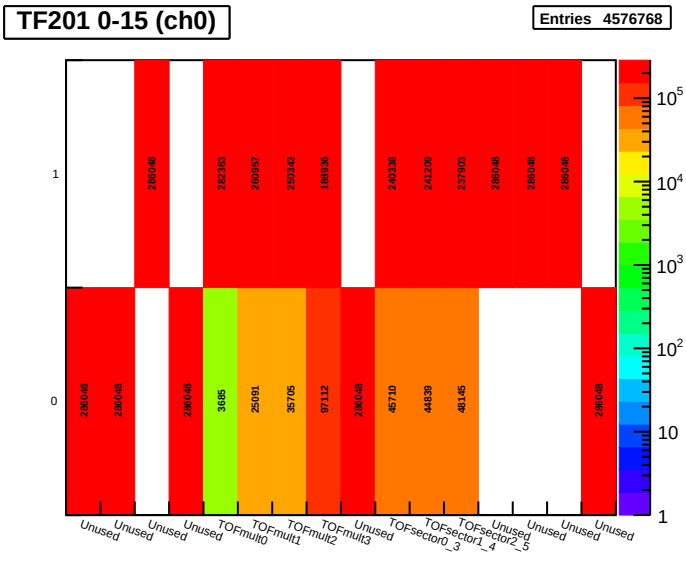

Entries 286048
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

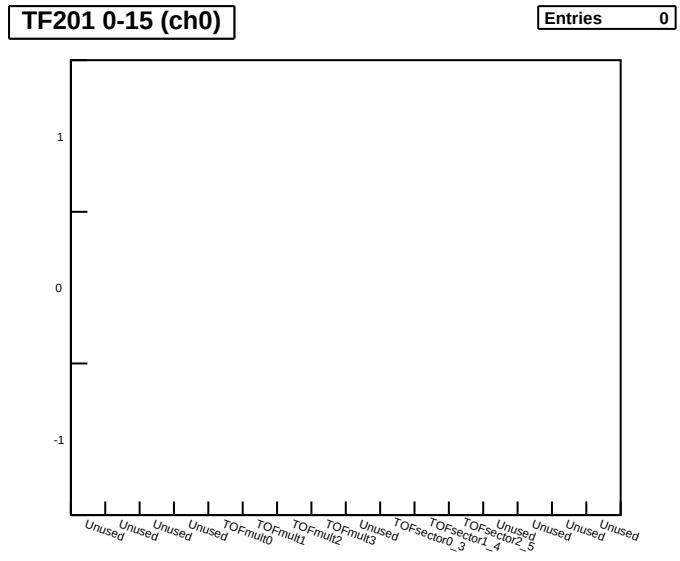

Entries 286048
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

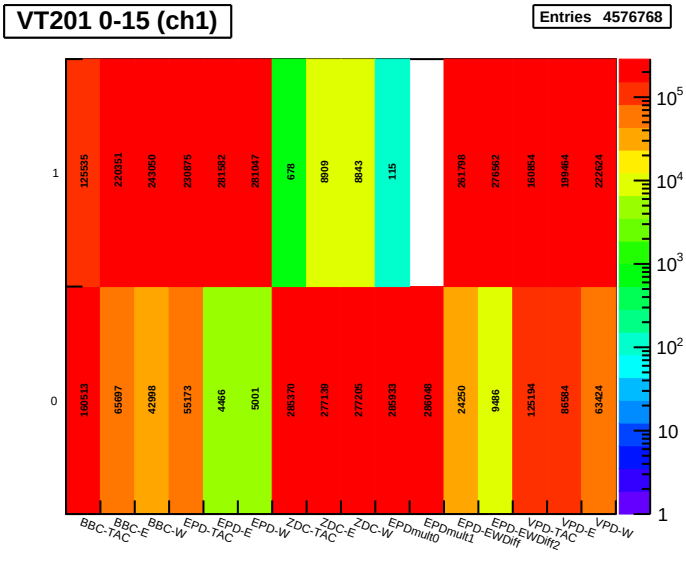

Entries 286048
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

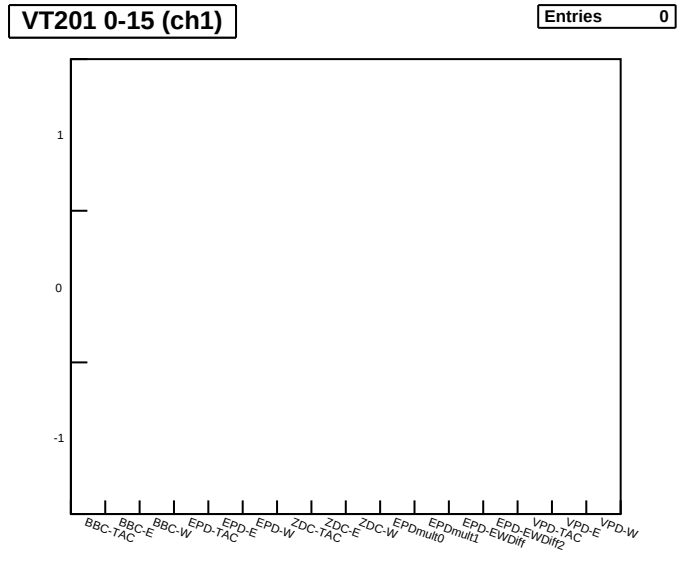

Laser Input Bits
Entries 286048
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

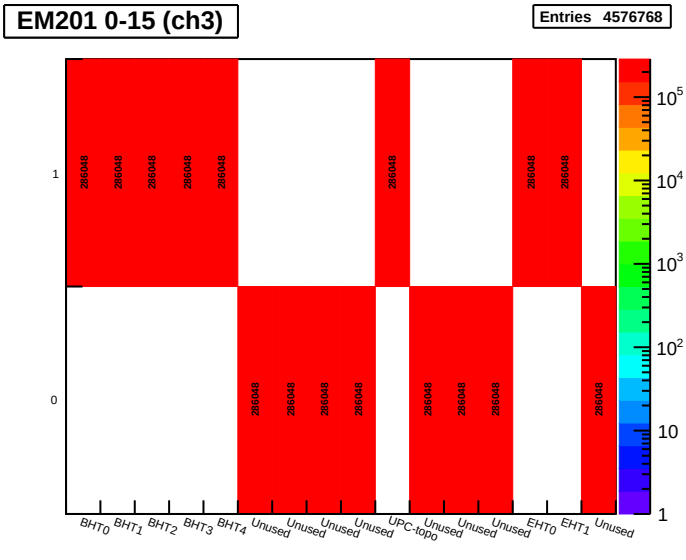

ST201 0-15 (ch6)
Entries 4576768
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
286048
286047
286036
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

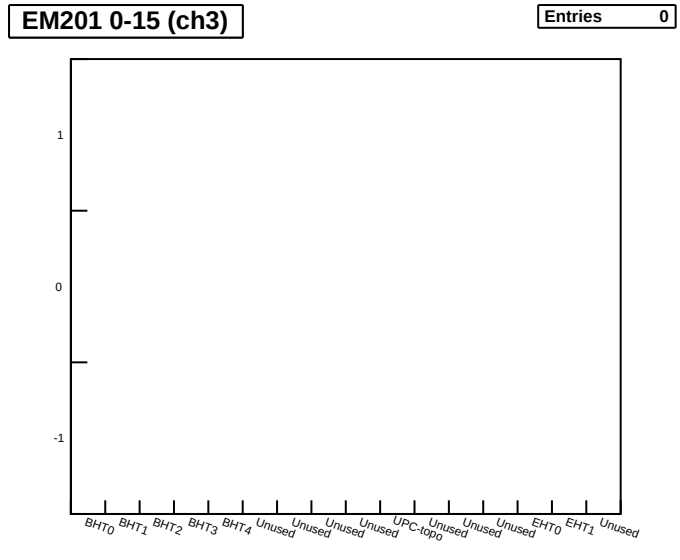

TF201 0-15 (ch0)
Entries 4576768
1
0
286048 286048 286048 286048 282363 260957 293343 188936 286048
3685 25091 35705 97112 45710 44839 48145
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 4576768
1
0
125535 220351 243050 230875 281582 281047 678 8909 8843 115 261798 276552 160854 199464 222624
160513 65697 42998 55173 4466 5001 285370 277139 277205 285933 286048 24250 9486 125194 86584 63424
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
1 10 10^2 10^3 10^4 10^5


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 4576768
1
0
286048 286048 286048 286048 286048 286048 286048 286048 286048
286048 286048 286048 286048 286048 286048 286048 286048
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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