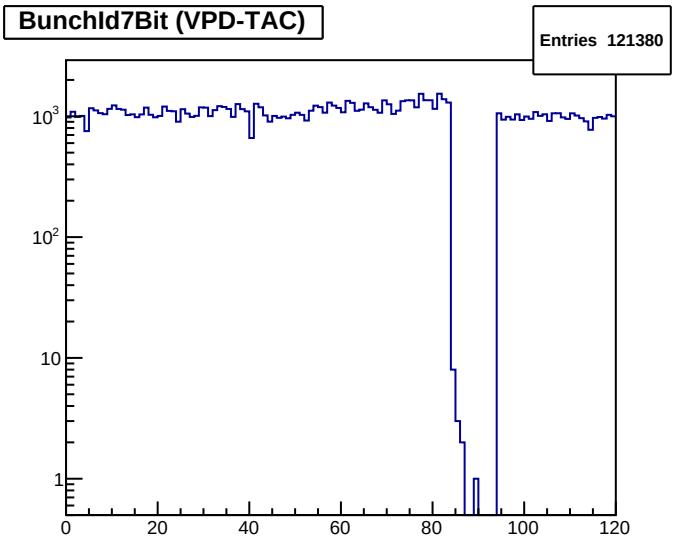
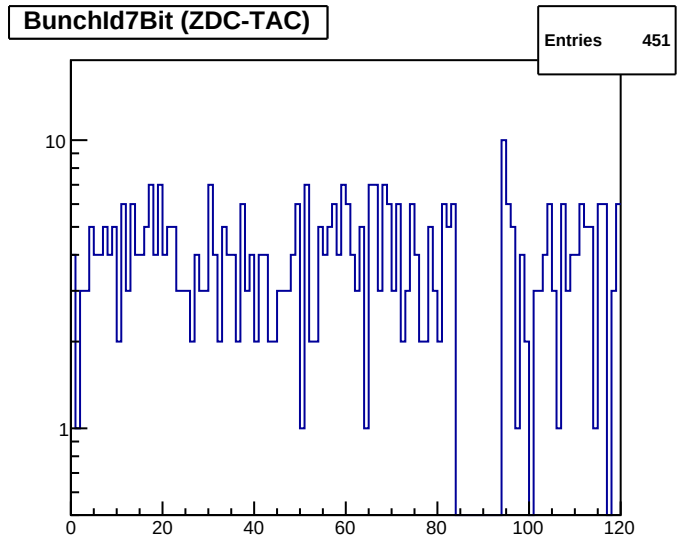
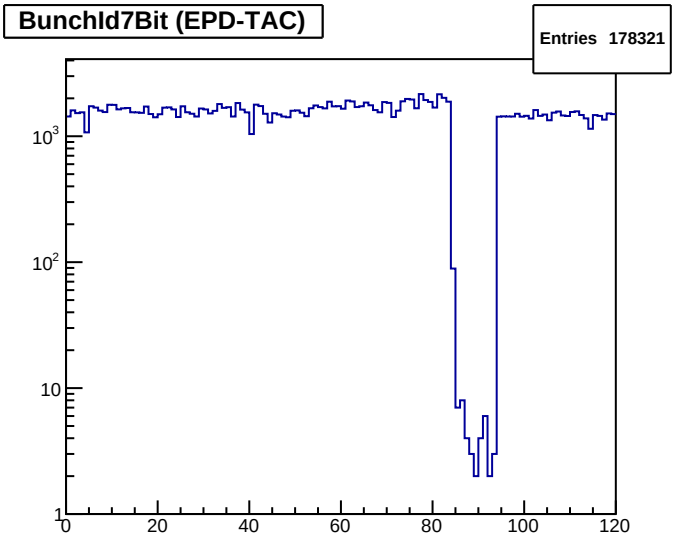
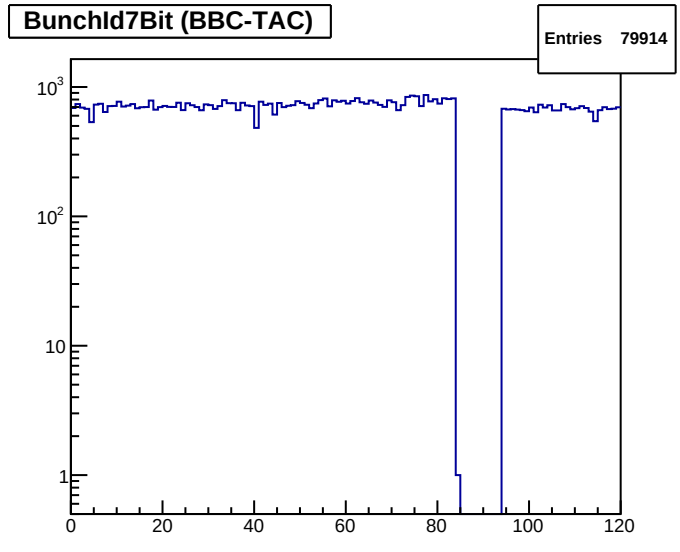
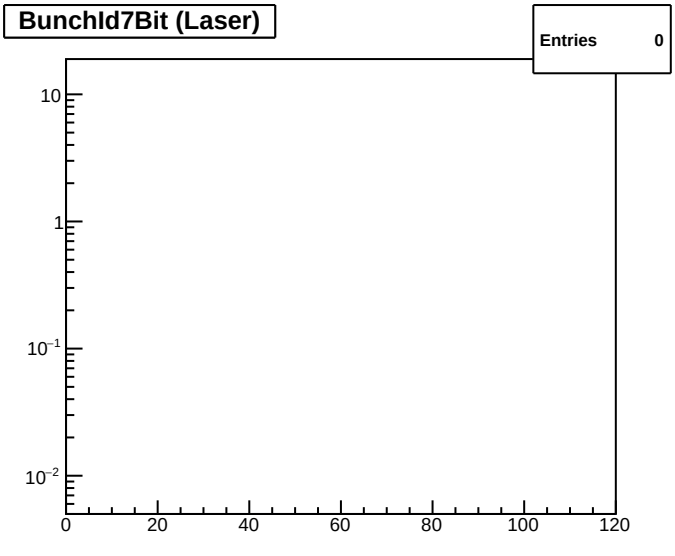
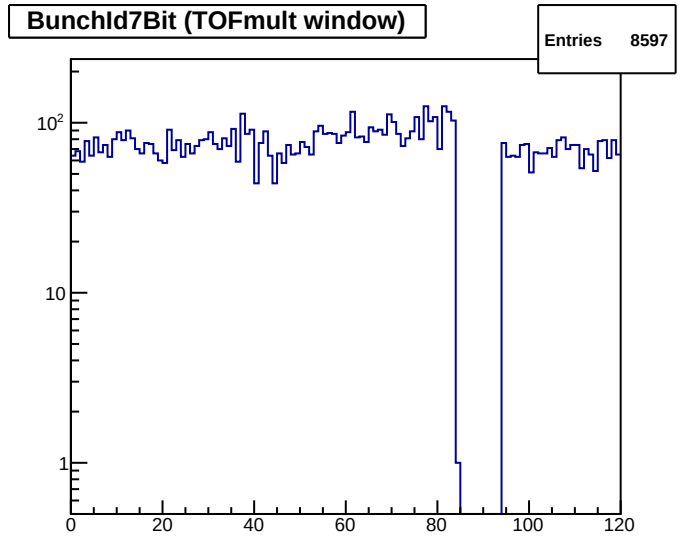

BunchId7Bit (VPD-TAC)
Entries 121380

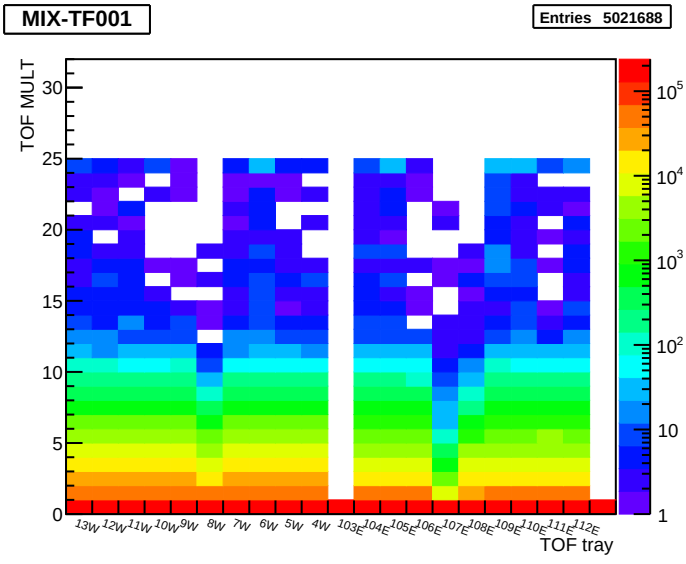

BunchId7Bit (ZDC-TAC)
Entries 451

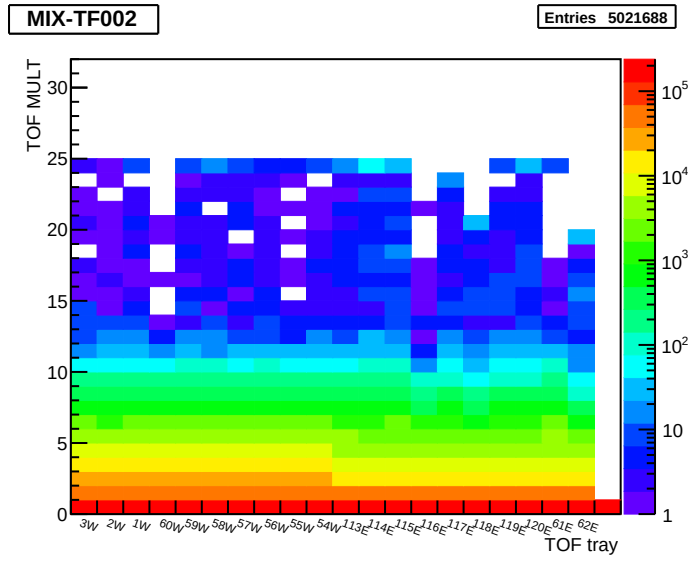

BunchId7Bit (EPD-TAC)
Entries 178321

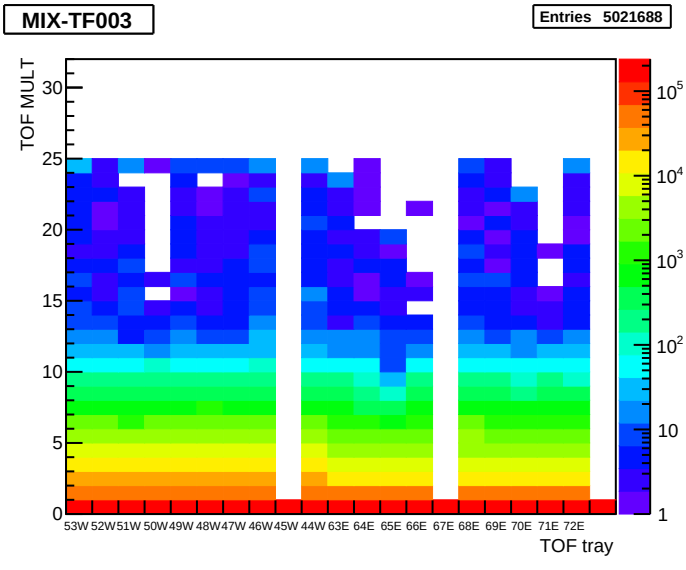

BunchId7Bit (BBC-TAC)
Entries 79914

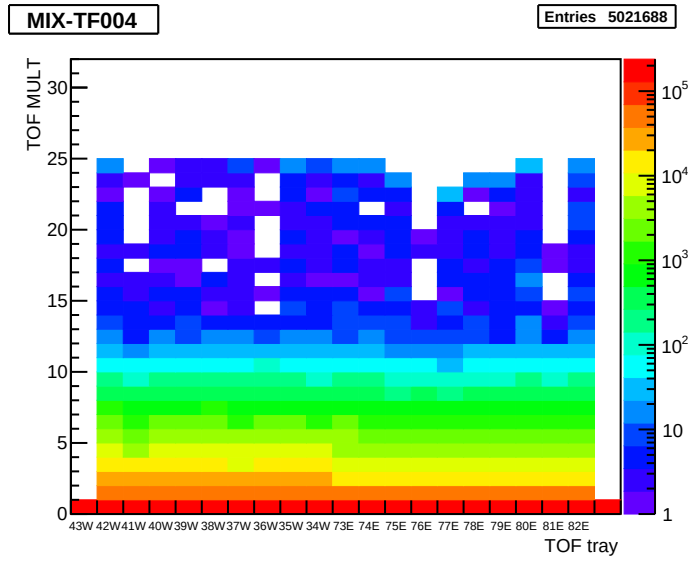

BunchId7Bit (Laser)
Entries 0

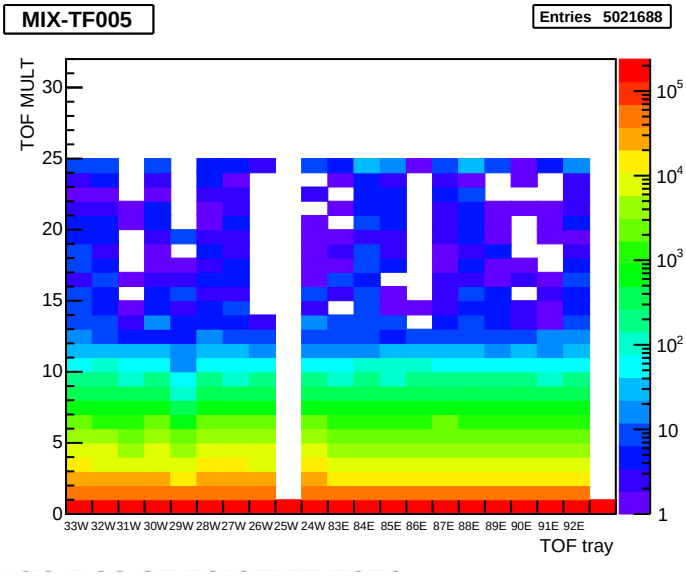

BunchId7Bit (TOFmult window)
Entries 8597

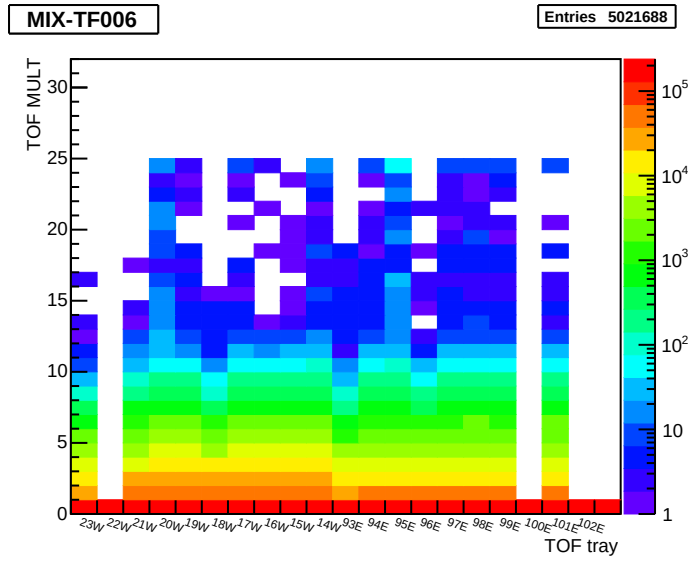

MIX-TF001
Entries 5021688
TOF MULT
TOF tray

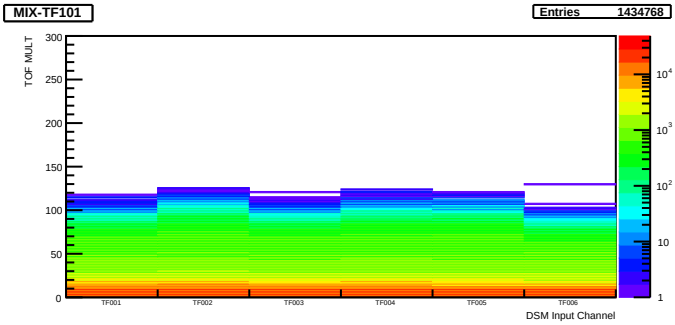

MIX-TF002
Entries 5021688
TOF MULT
TOF tray

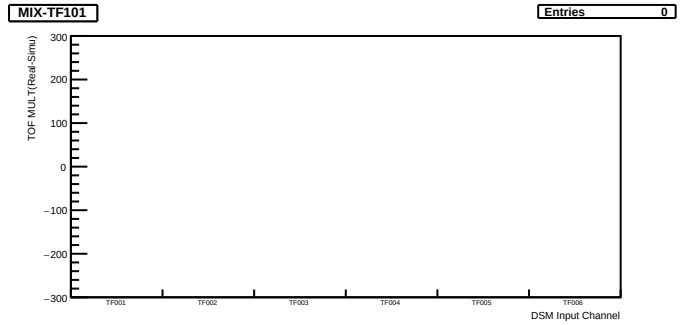

MIX-TF003
Entries 5021688
TOF MULT
TOF tray

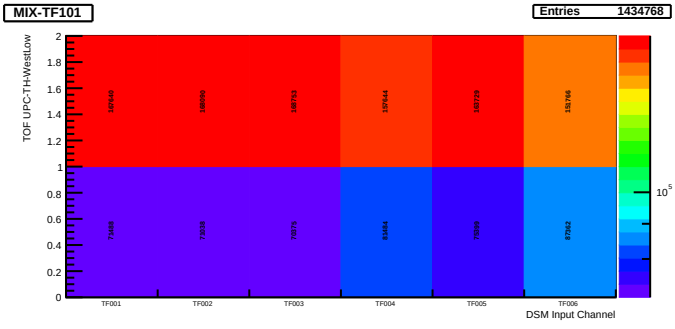

MIX-TF004
Entries 5021688
TOF MULT
TOF tray

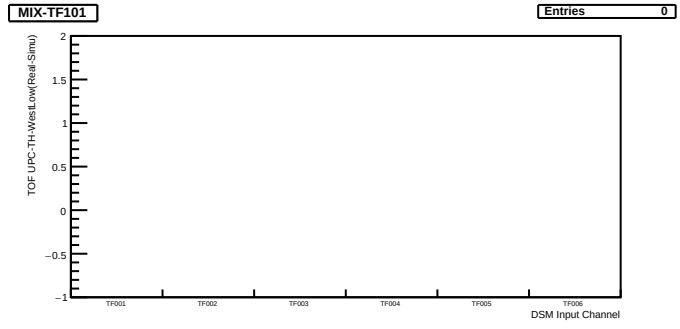

MIX-TF005
Entries 5021688
TOF MULT
TOF tray

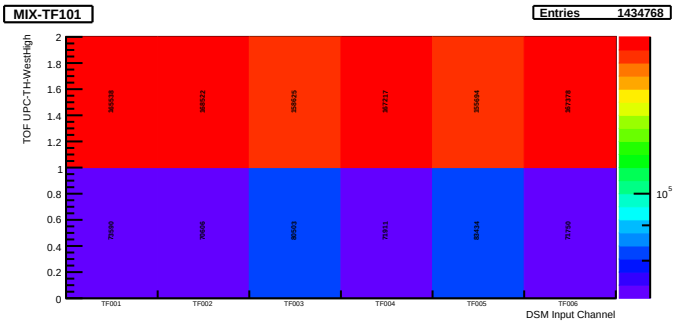

MIX-TF006
Entries 5021688
TOF MULT
TOF tray

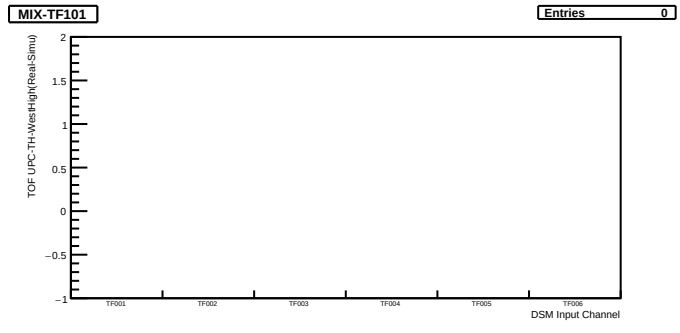

MIX-TF101
Entries 1434768
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

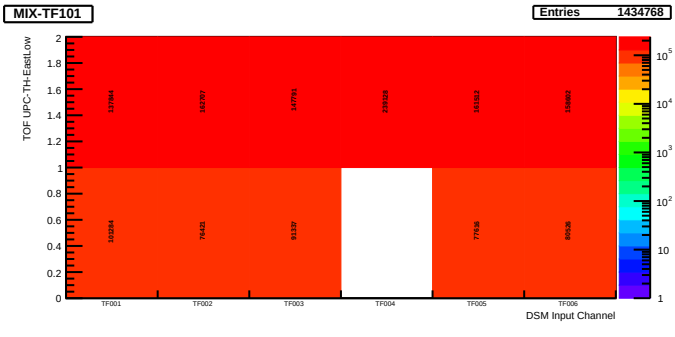

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

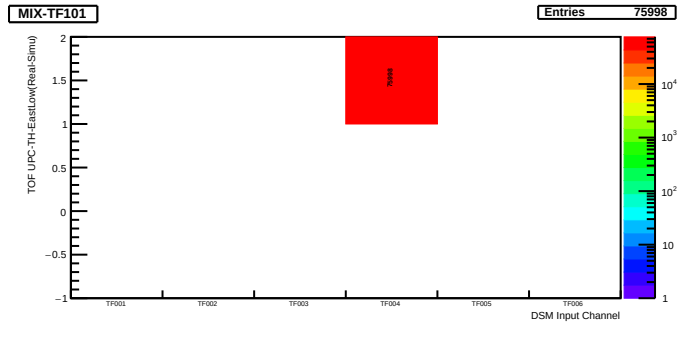

MIX-TF101
Entries 1434768
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

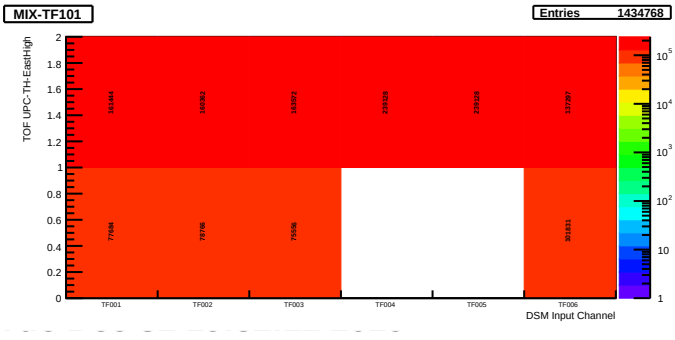

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

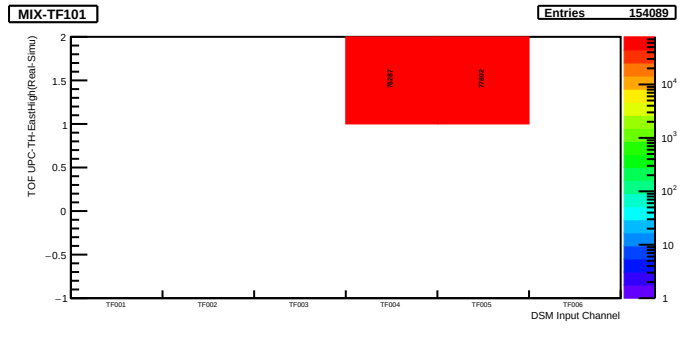

MIX-TF101
Entries 1434768
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

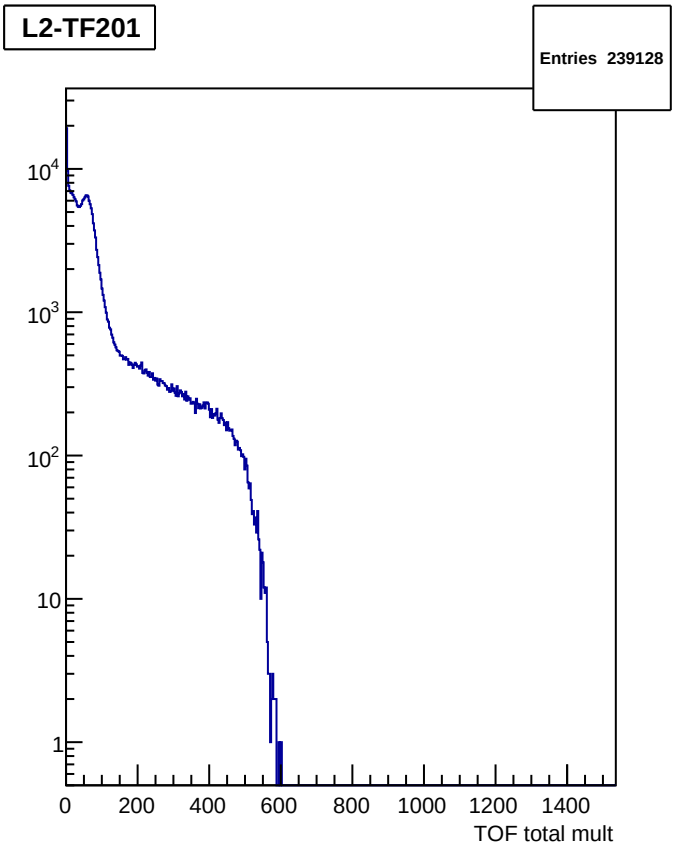

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

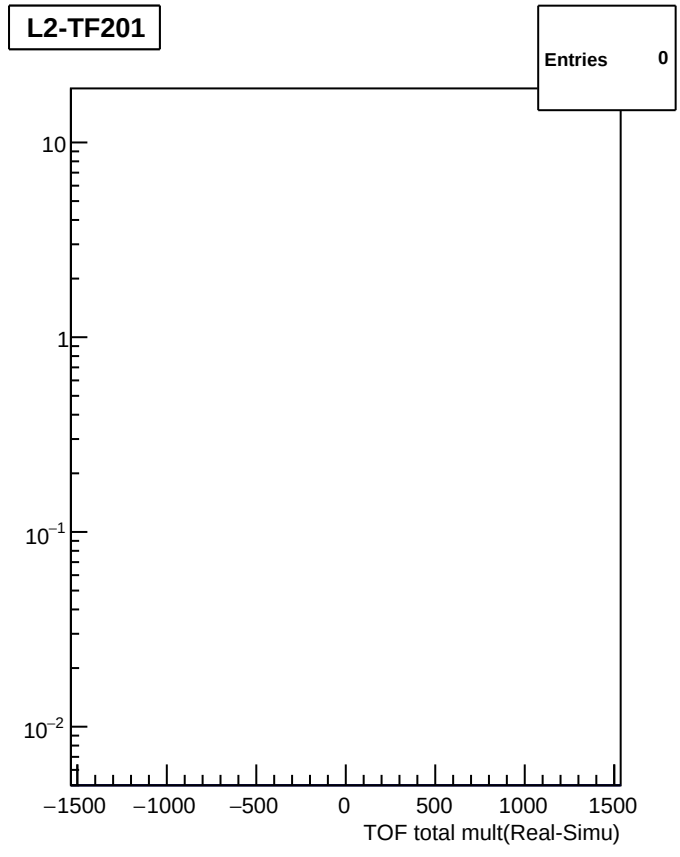

MIX-TF101
Entries 1434768
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

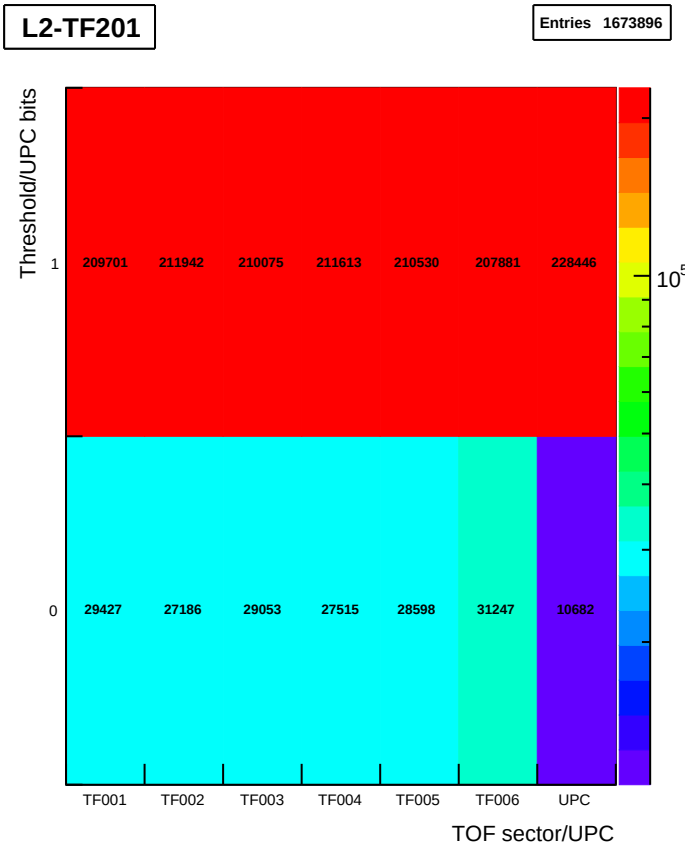

MIX-TF101
Entries 75998
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

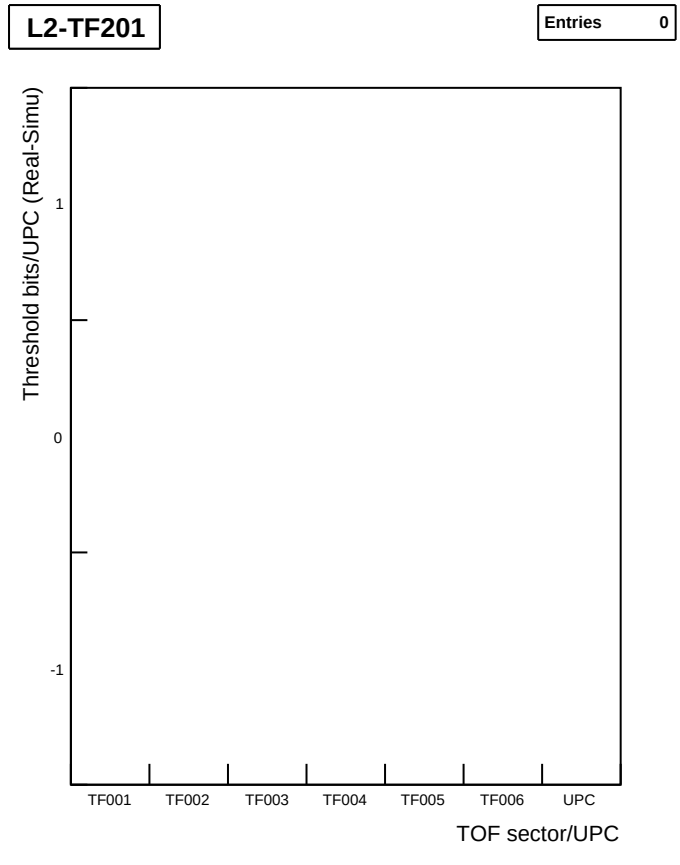

MIX-TF101
Entries 1434768
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

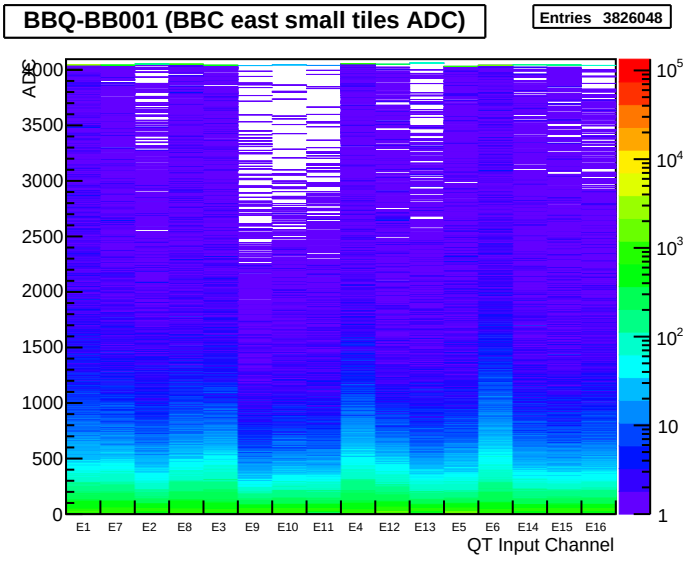

MIX-TF101
Entries 154089
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

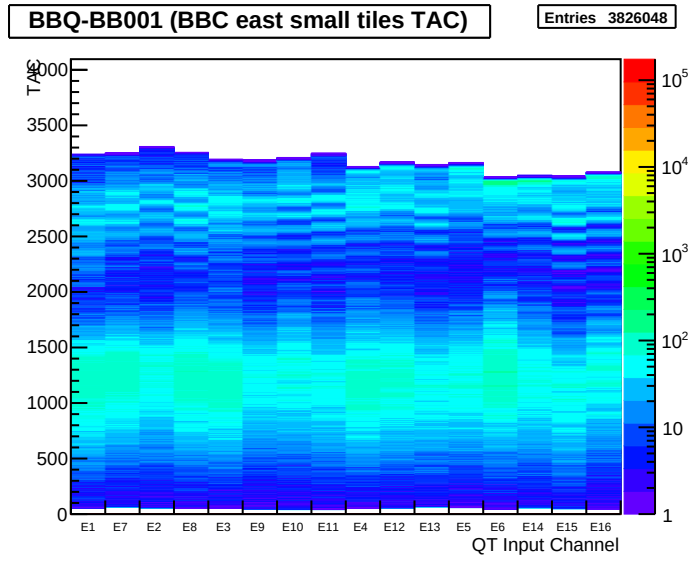

L2-TF201
Entries 239128
TOF total mult

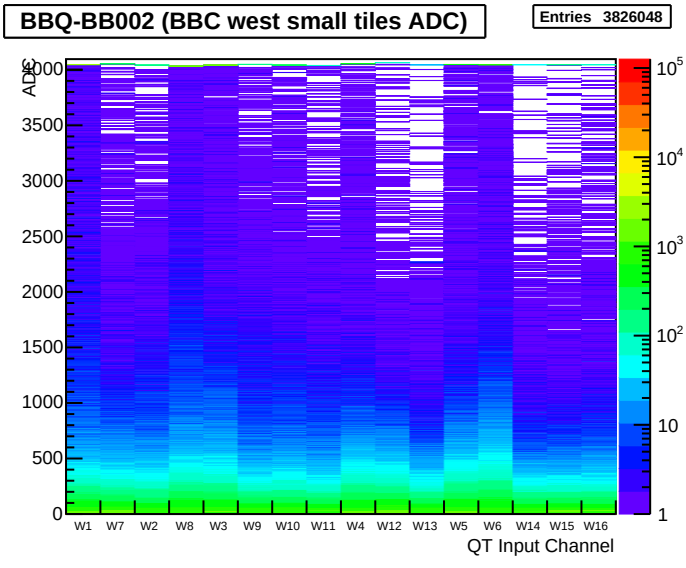

L2-TF201
Entries 0
TOF total mult(Real-Simu)

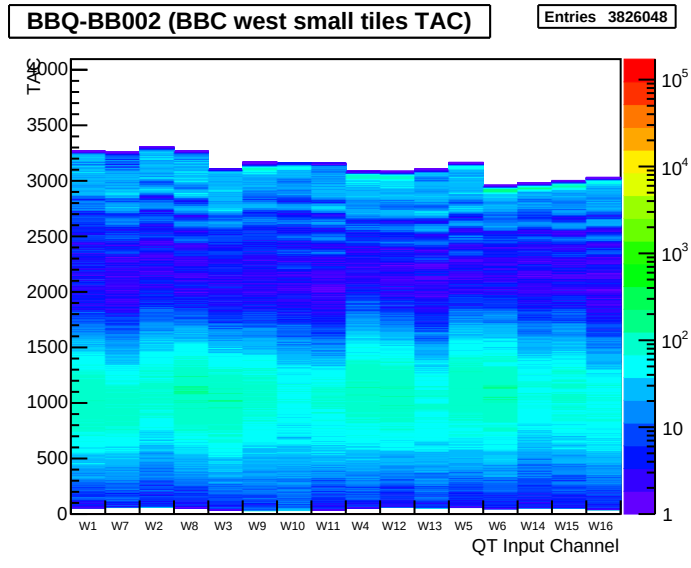

L2-TF201
Entries 1673896
Threshold/UPC bits
209701 211942 210075 211613 210530 207881 228446
29427 27186 29053 27515 28598 31247 10682
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

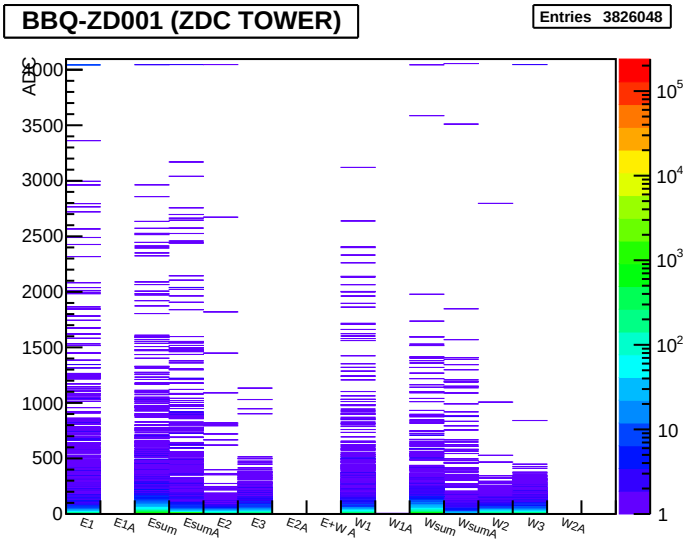

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

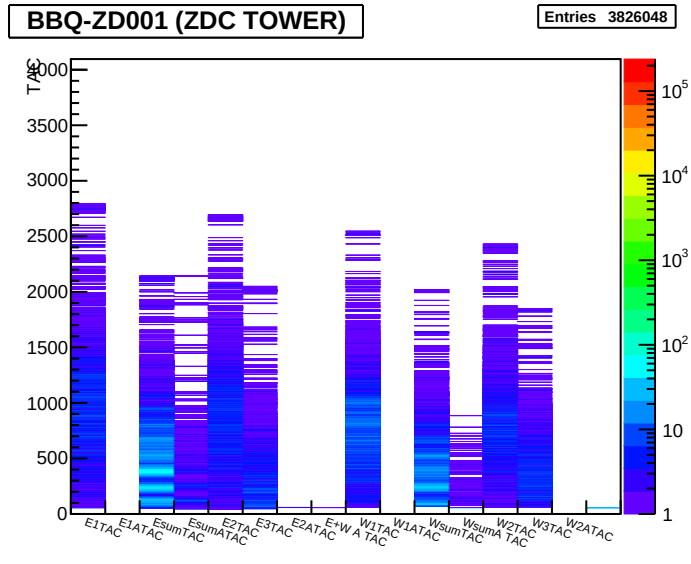

BBQ-BB001 (BBC east small tiles ADC)
Entries 3826048
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

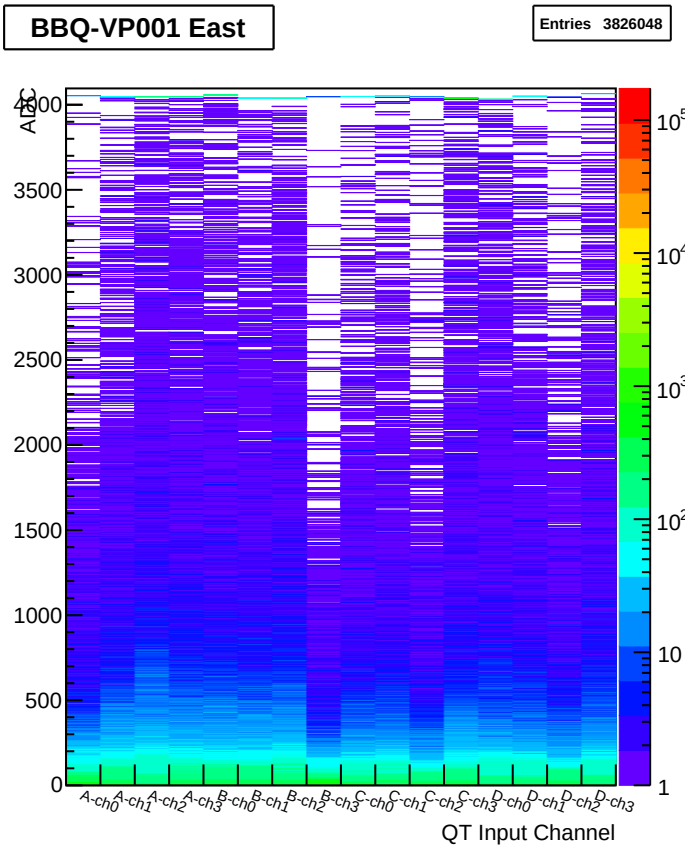

BBQ-BB001 (BBC east small tiles TAC)
Entries 3826048
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

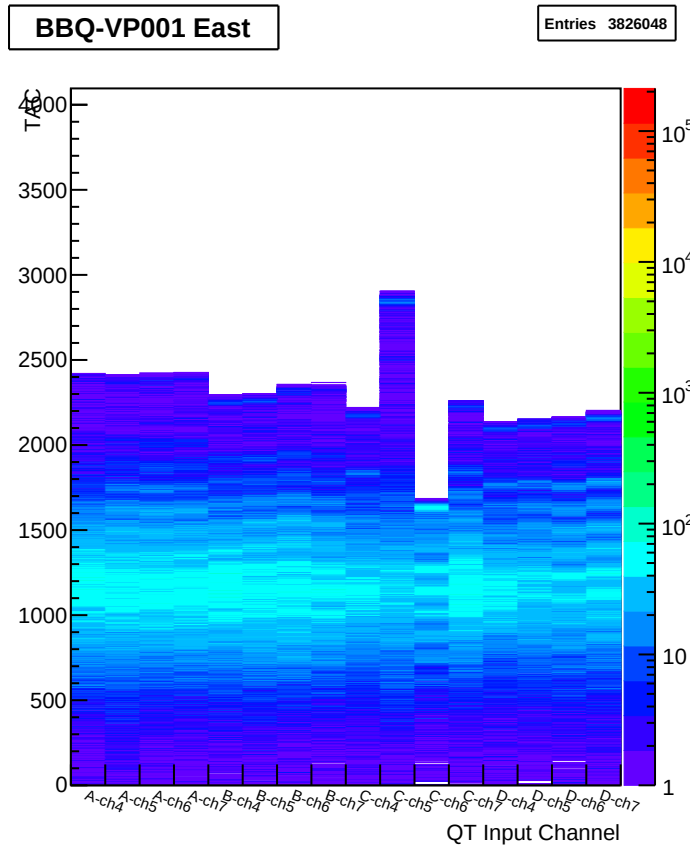

BBQ-BB002 (BBC west small tiles ADC)
Entries 3826048
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

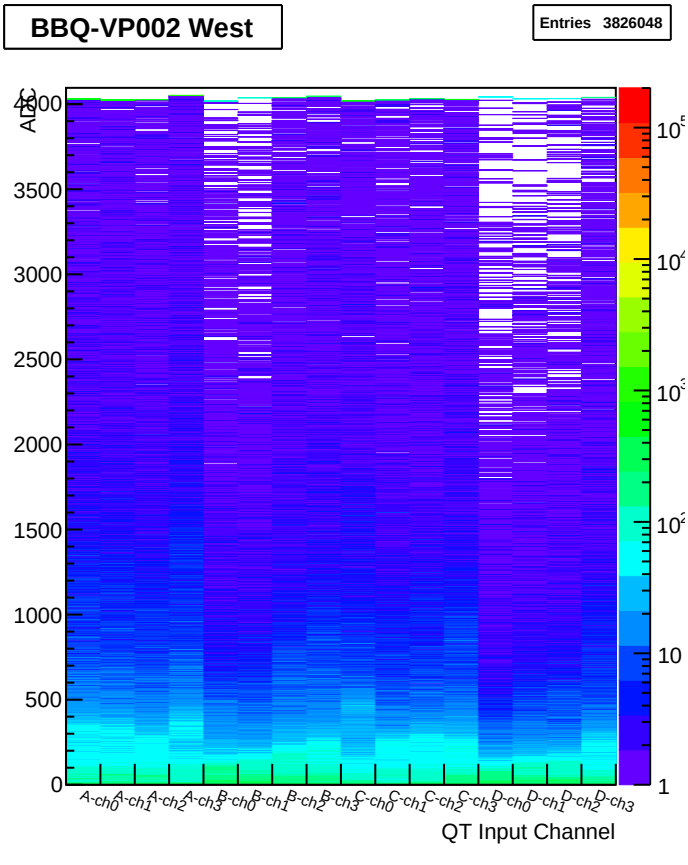

BBQ-BB002 (BBC west small tiles TAC)
Entries 3826048
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

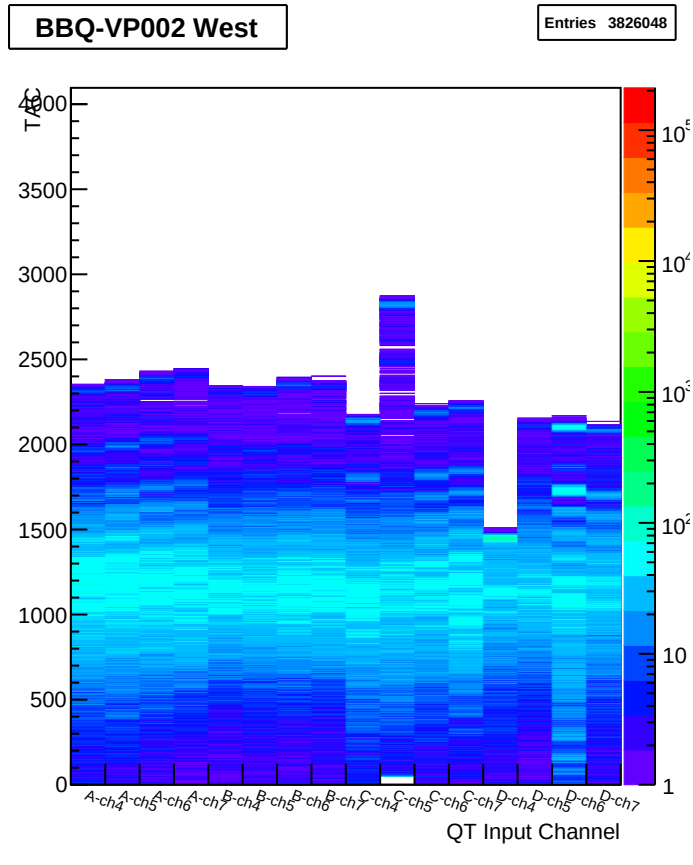

BBQ-ZD001 (ZDC TOWER)
Entries 3826048
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

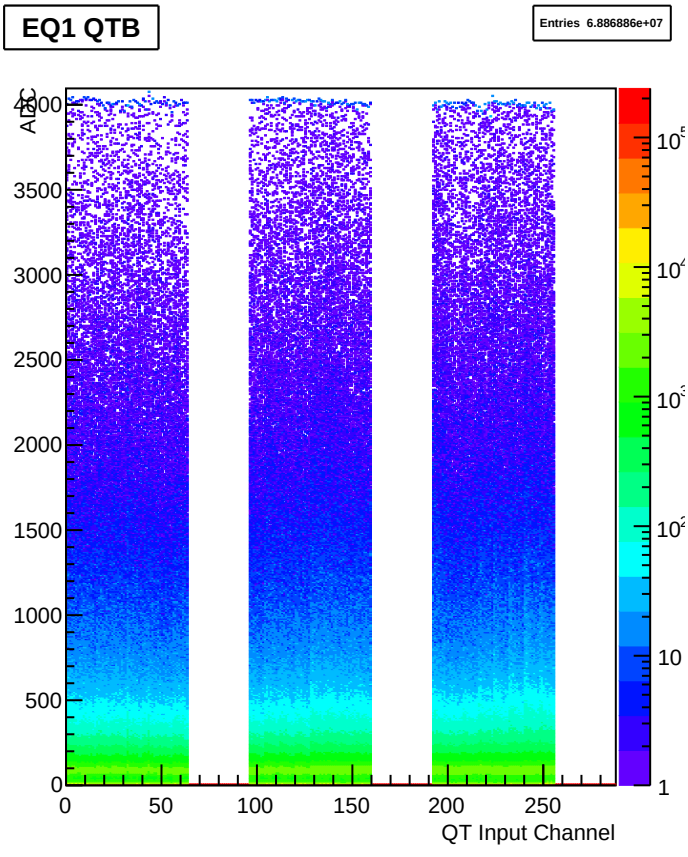

BBQ-ZD001 (ZDC TOWER)
Entries 3826048
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

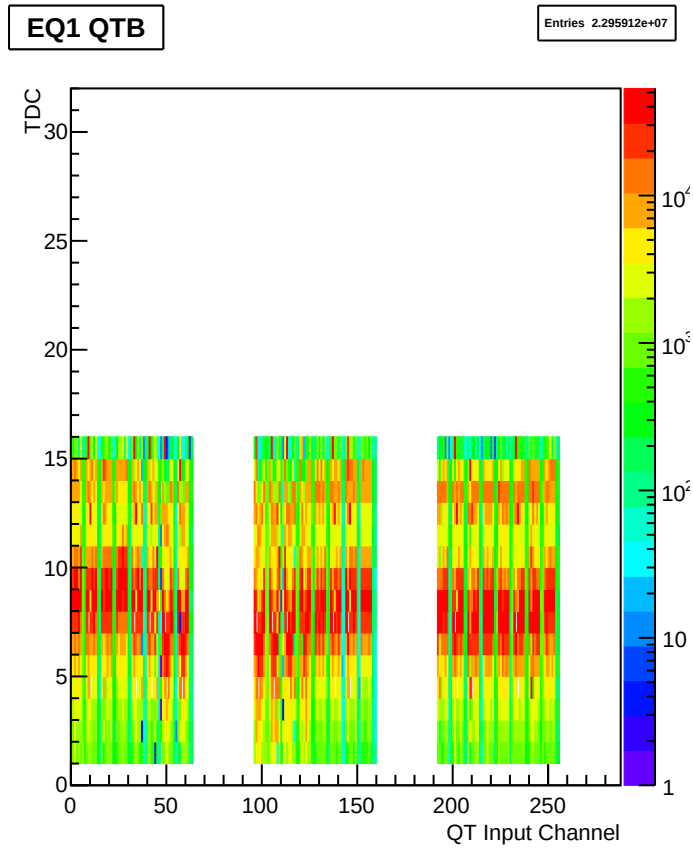

BBQ-VP001 East
Entries 3826048
ADC
QT Input Channel

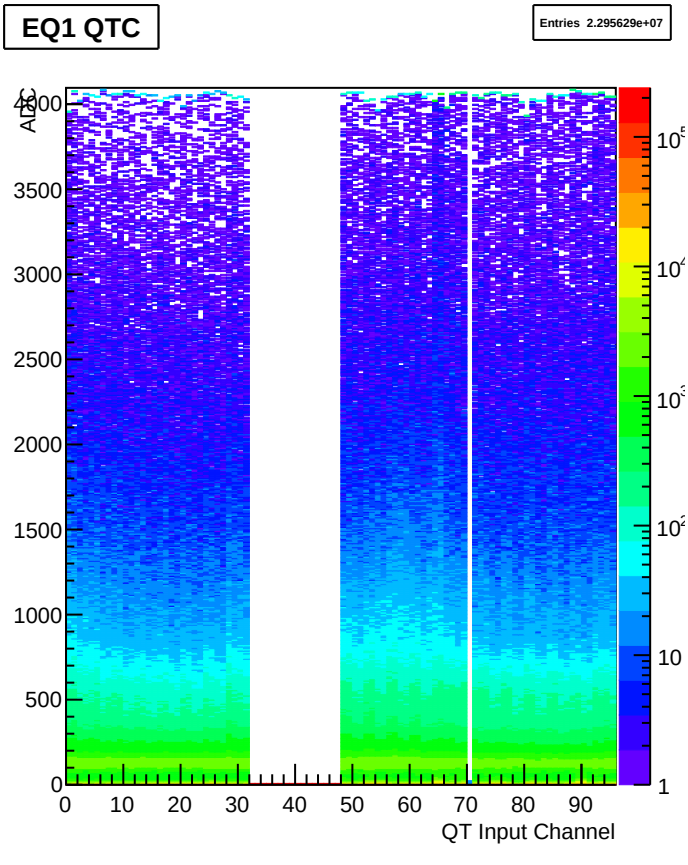

BBQ-VP001 East
Entries 3826048
TADC
QT Input Channel

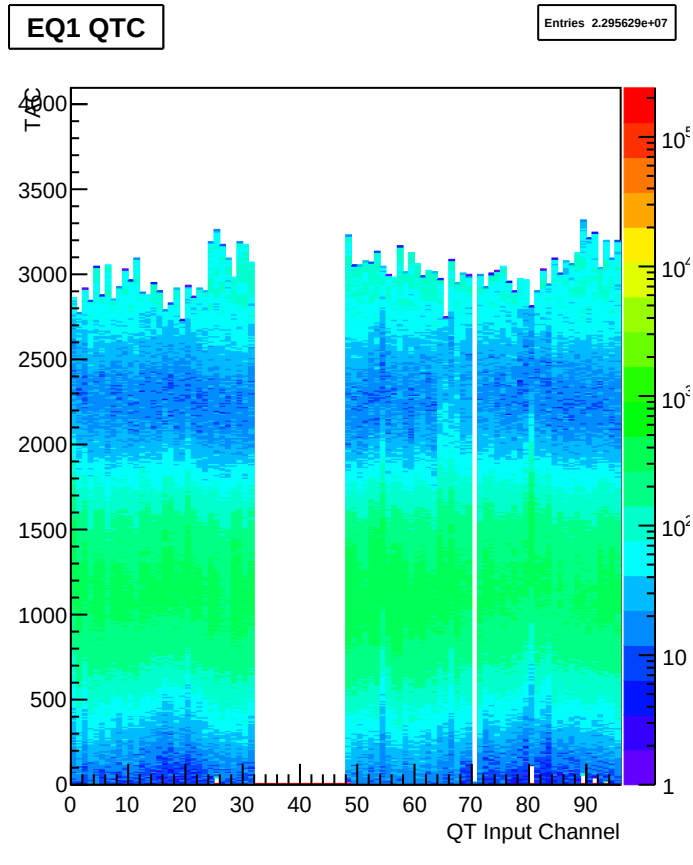

BBQ-VP002 West
Entries 3826048
ADC
QT Input Channel

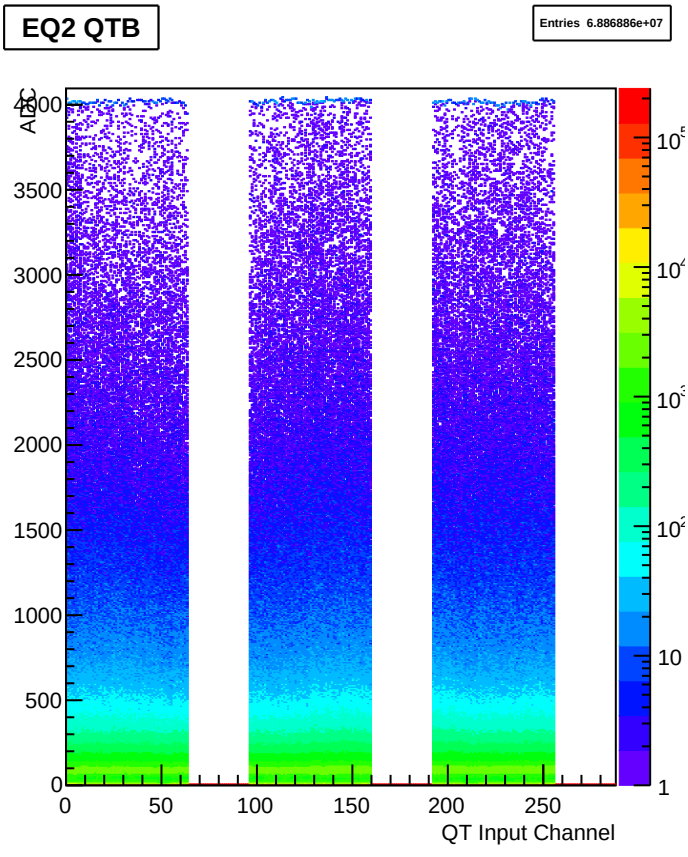

BBQ-VP002 West
Entries 3826048
TADC
QT Input Channel

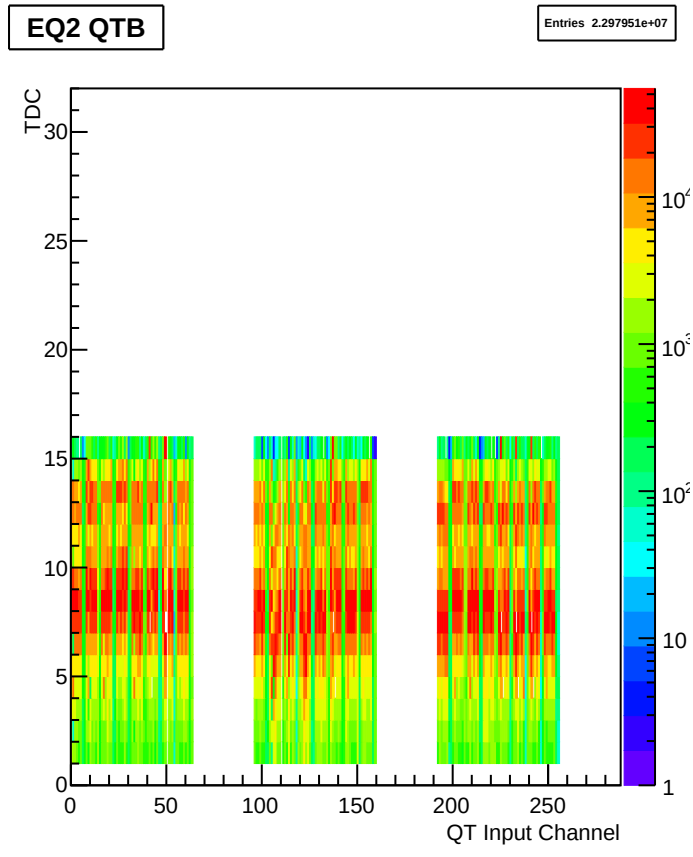

EQ1 QTB
Entries 6.886886e+07
ADC
QT Input Channel

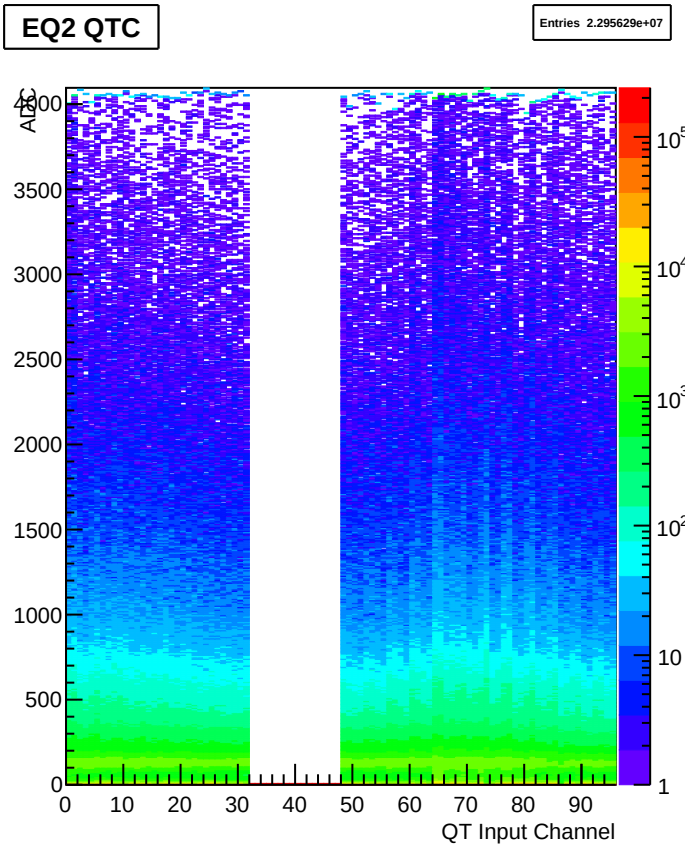

EQ1 QTB
Entries 2.295912e+07
TDC
QT Input Channel

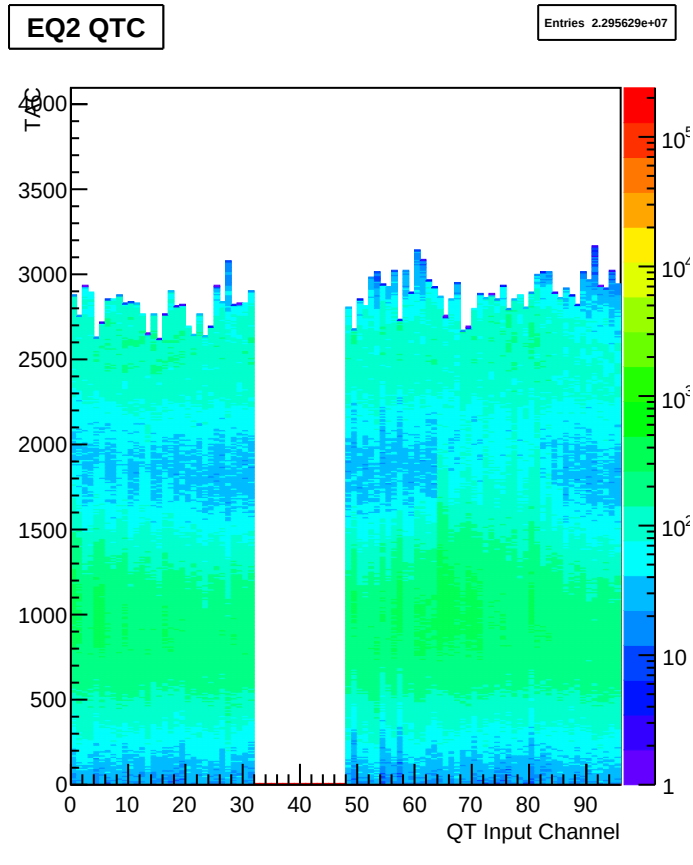

EQ1 QTC
Entries 2.295629e+07
ADC
QT Input Channel

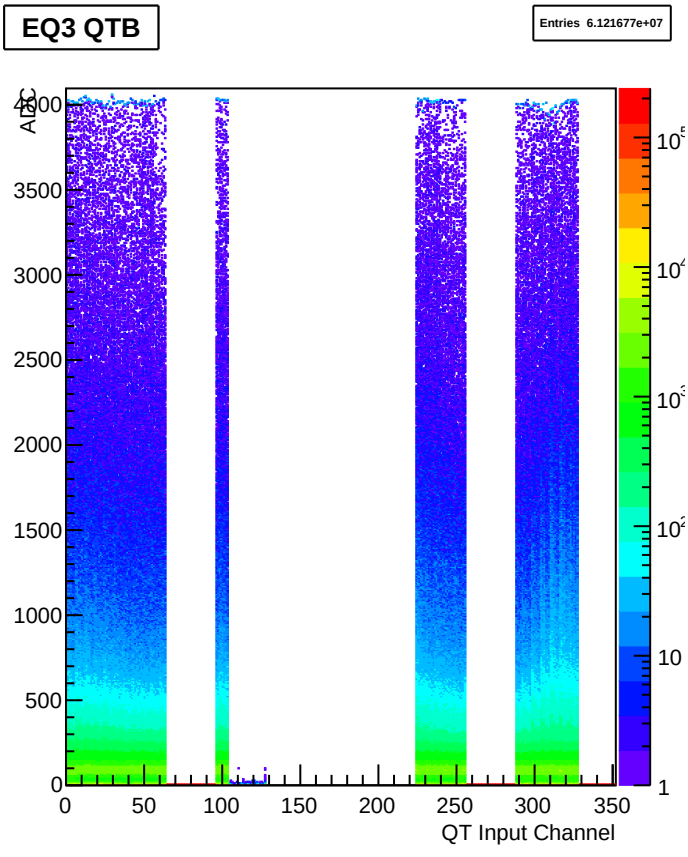

EQ1 QTC
Entries 2.295629e+07
TADC
QT Input Channel

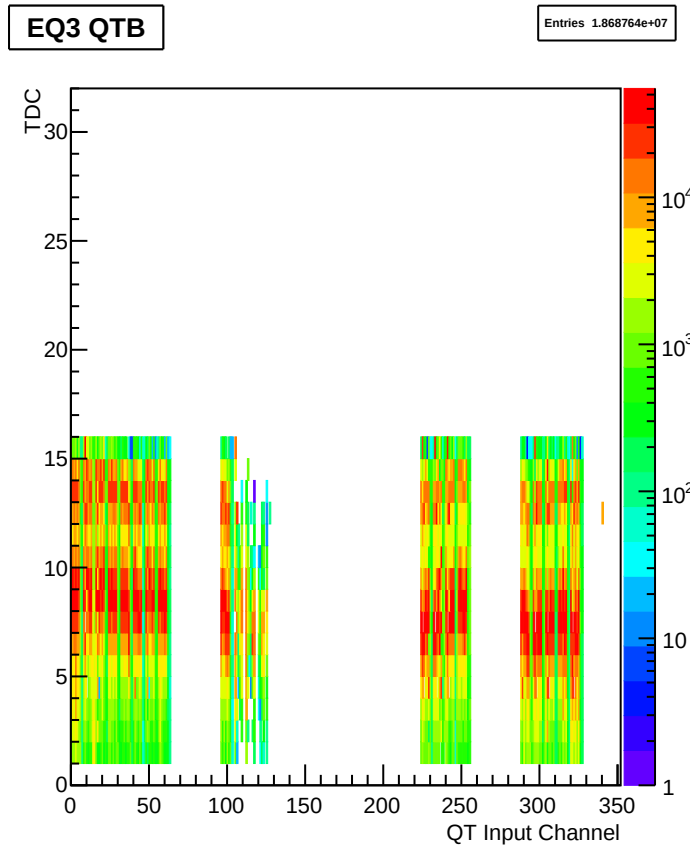

EQ2 QTB
Entries 6.886886e+07
ADC
QT Input Channel

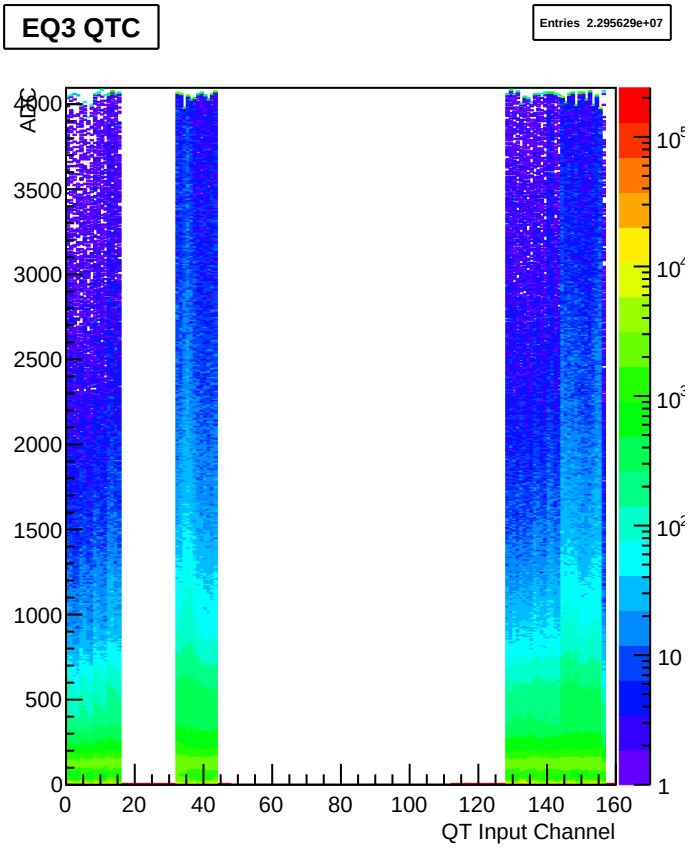

EQ2 QTB
Entries 2.297951e+07
TDC
QT Input Channel

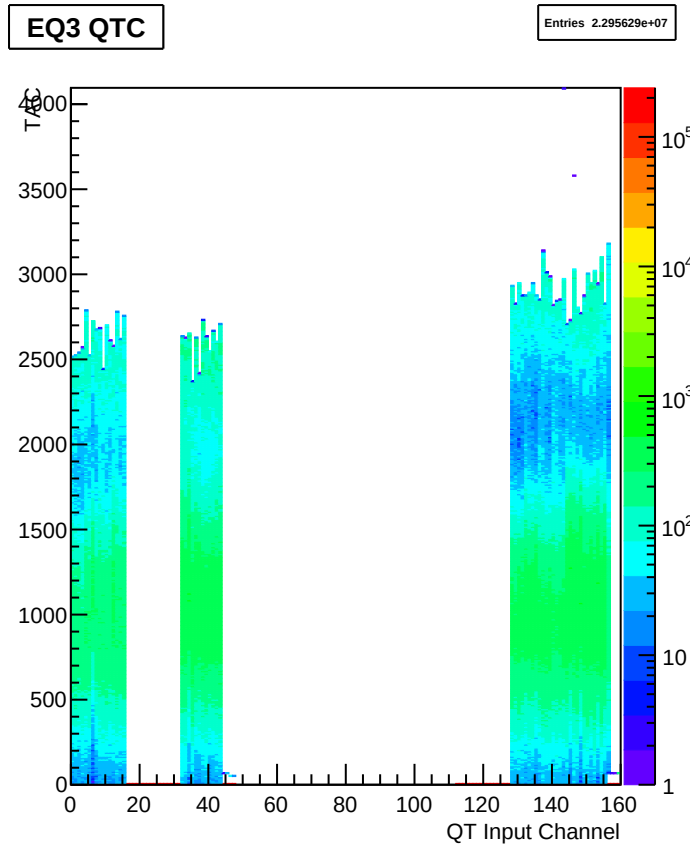

EQ2 QTC
Entries 2.295629e+07
ADC
QT Input Channel

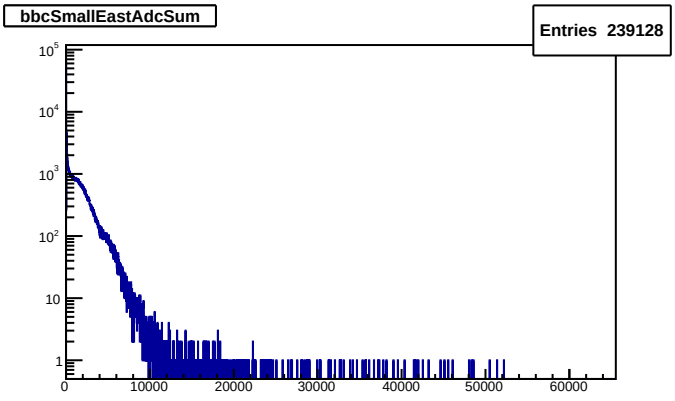

EQ2 QTC
Entries 2.295629e+07
TADC
QT Input Channel

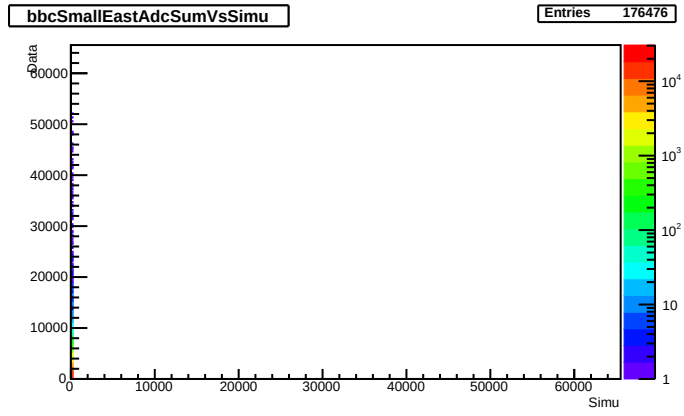

EQ3 QTB
Entries 6.121677e+07
ADC
QT Input Channel

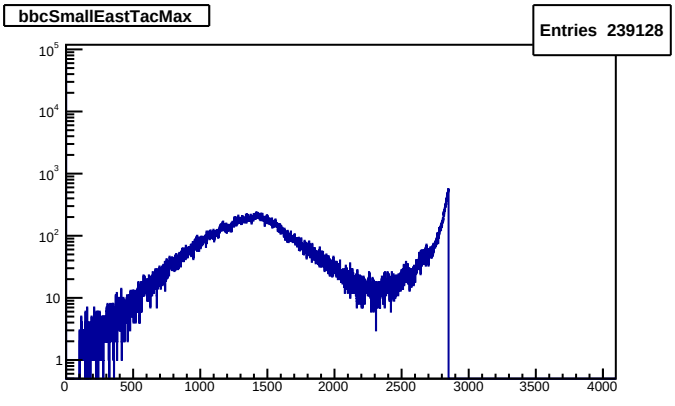

EQ3 QTB
Entries 1.868764e+07
TDC
QT Input Channel

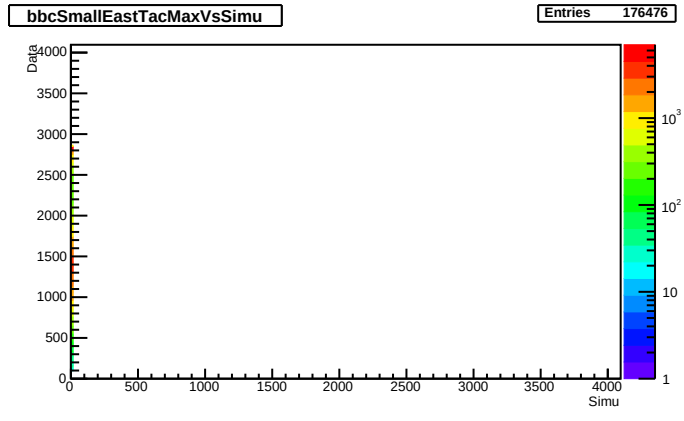

EQ3 QTC
Entries 2.295629e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.295629e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 239128


bbcSmallEastAdcSumVsSimu
Entries 176476
Data
Simu


bbcSmallEastTacMax
Entries 239128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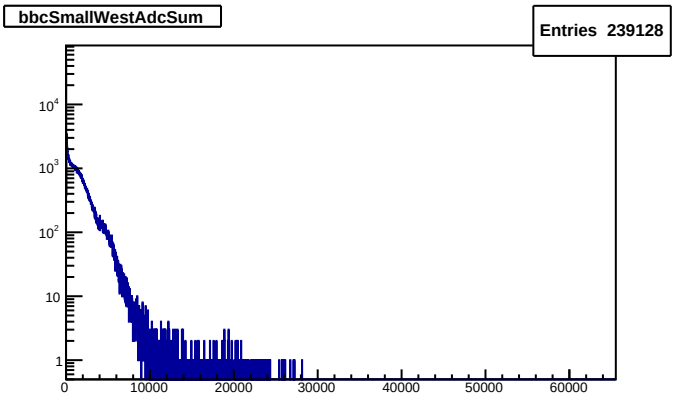
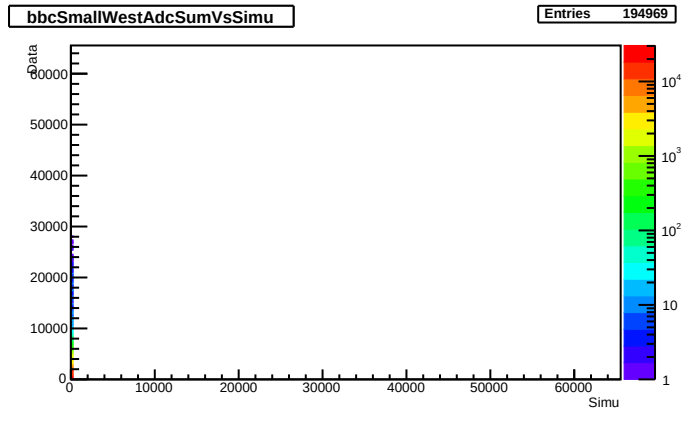
Entries 176476
Data
Simu


bbcSmallWestAdcSum
Entries 239128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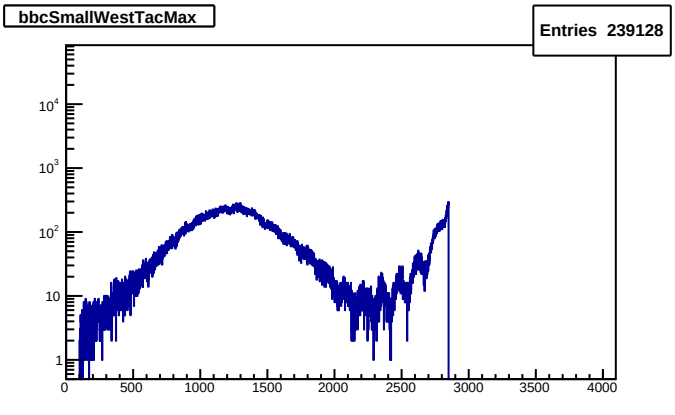
Entries 194969
Data
Simu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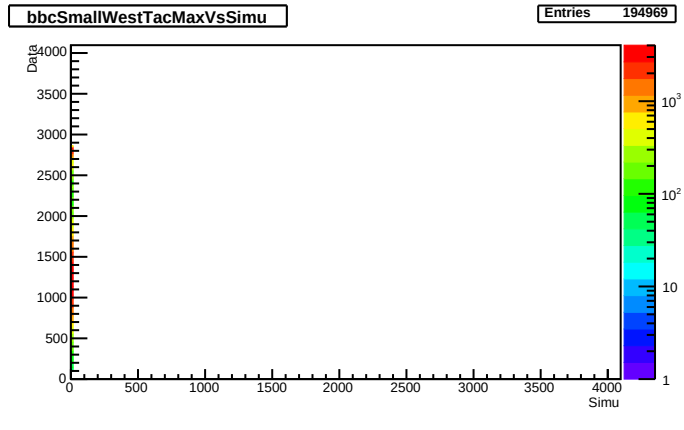
Entries 239128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Entries 194969
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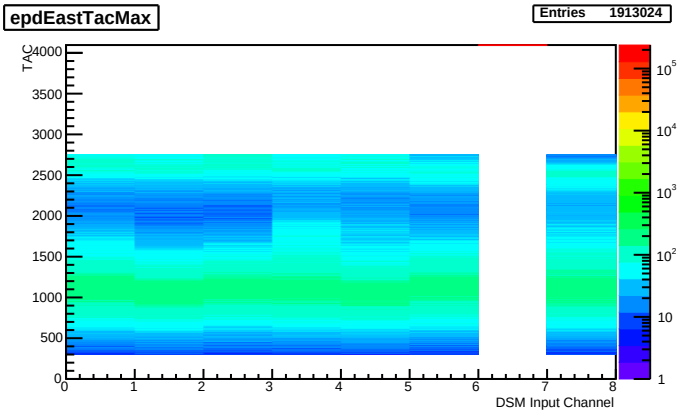
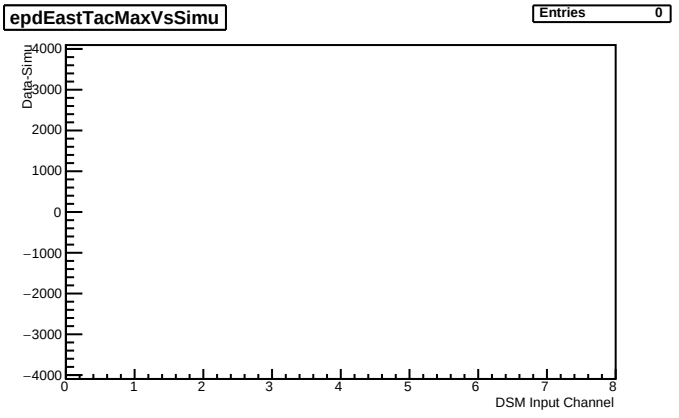
Simu


epdEastTacMax
Entries 1913024
TAC
DSM Input Channel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Entries 0
Data-Simu
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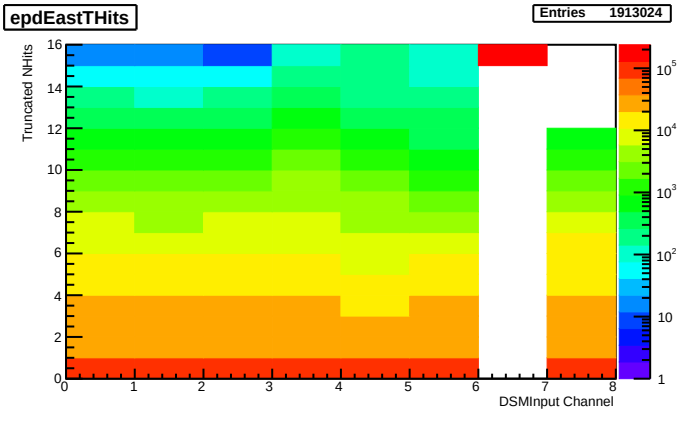
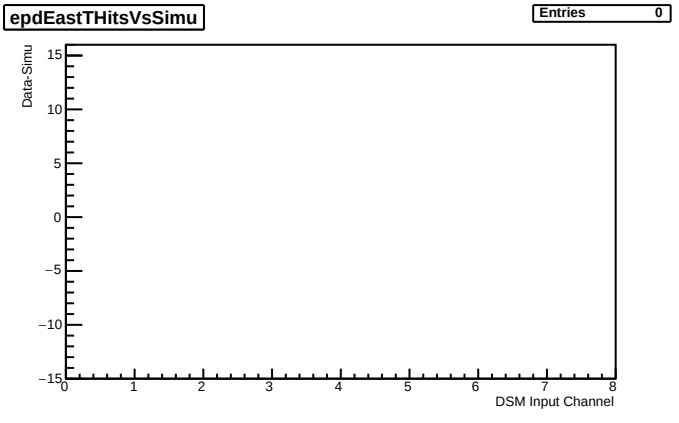

epdEastTHits
Entries 1913024
Truncated NHits
DSMInput Channel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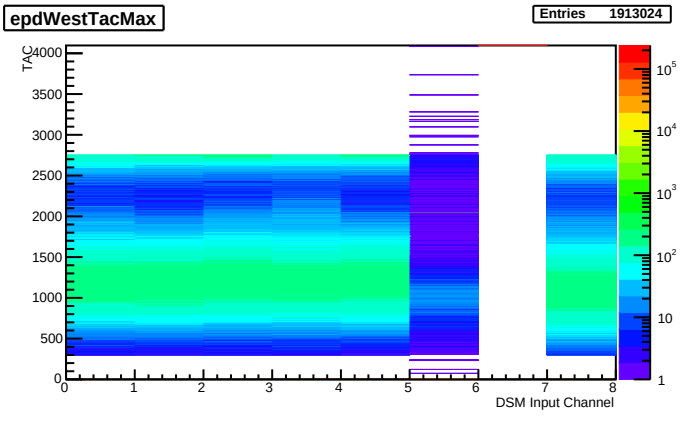
Entries 0
Data-Simu
DSM Input Channel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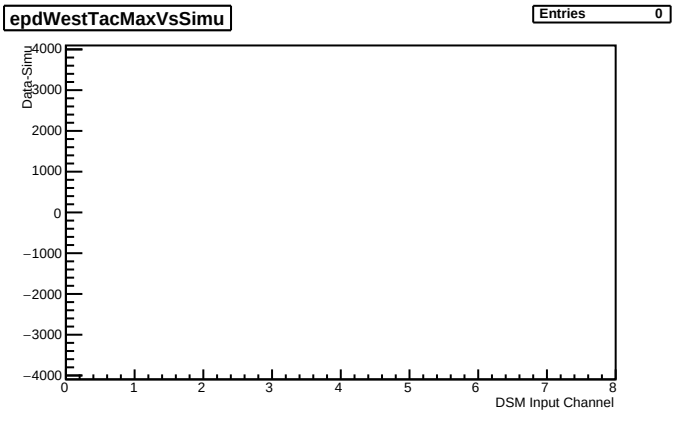
Entries 1913024
TAC
DSM Input Channel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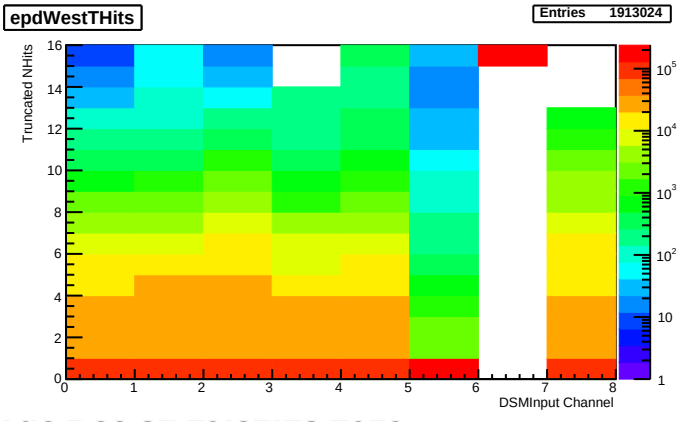
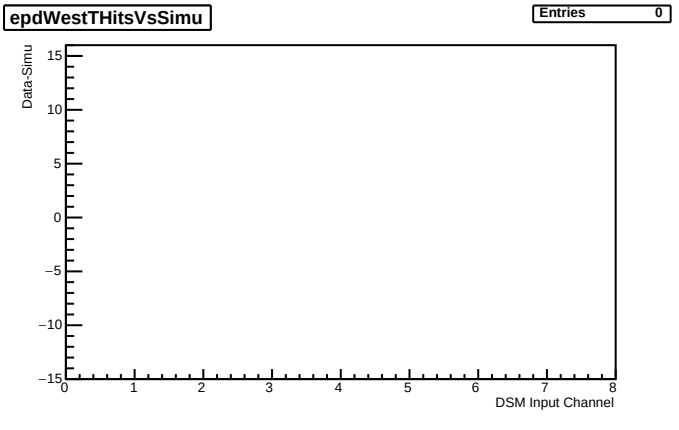
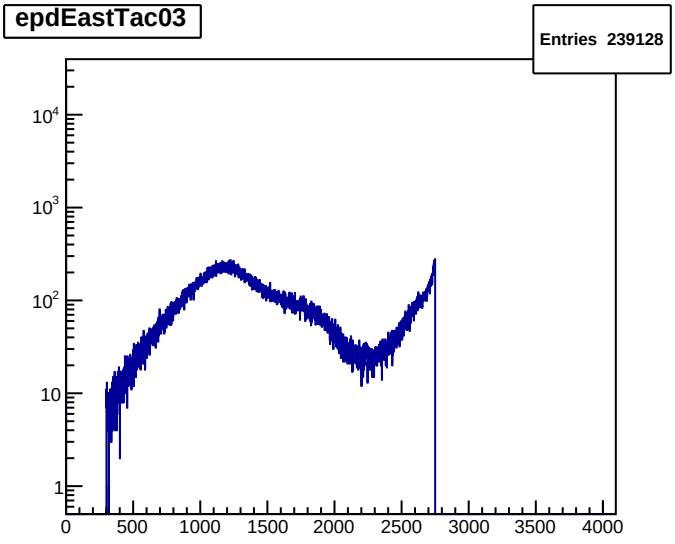
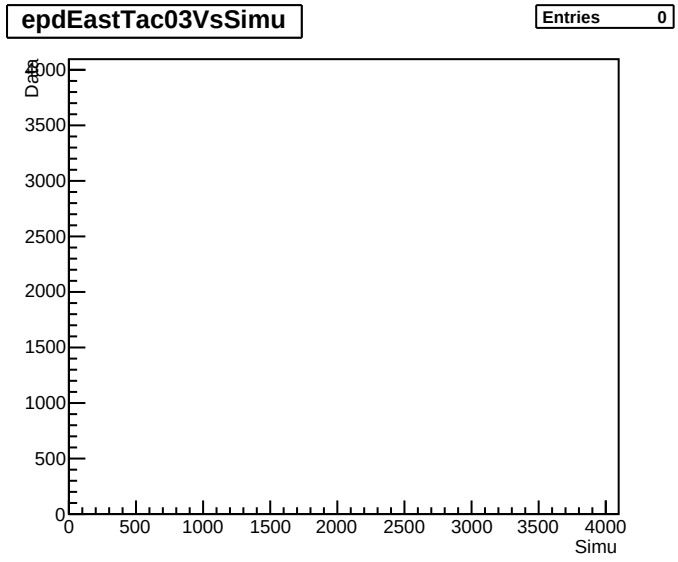
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1913024
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 239128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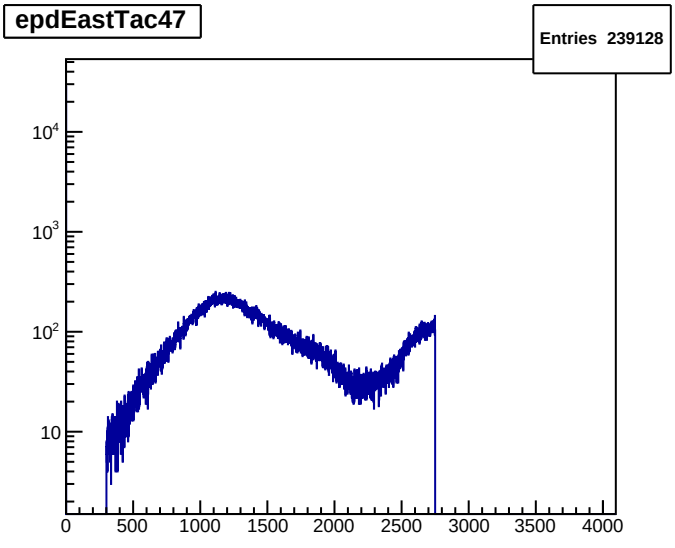
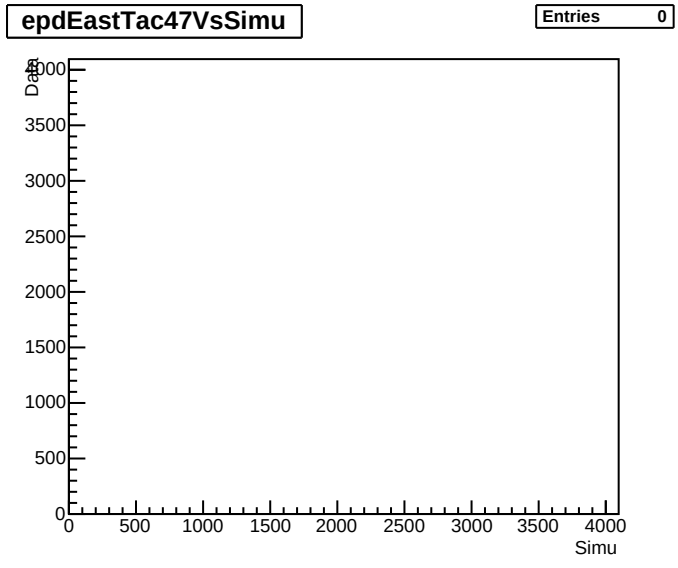
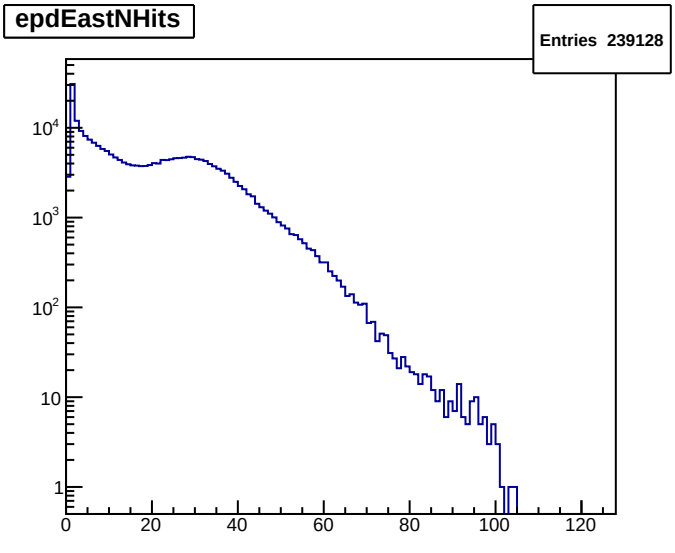
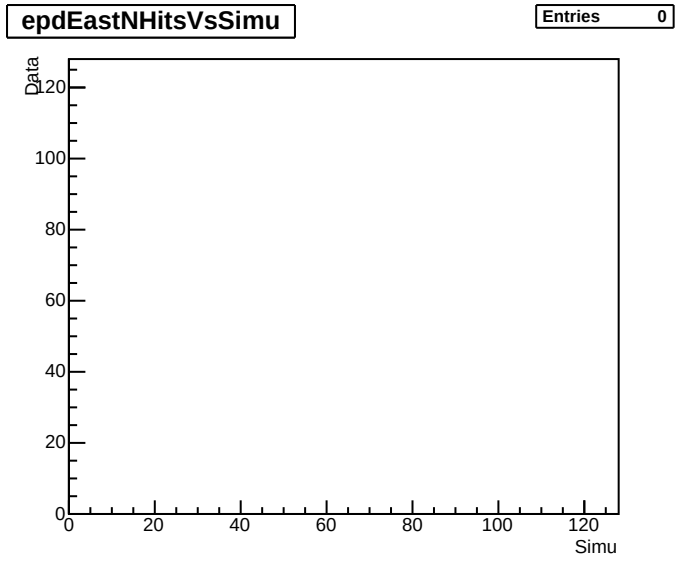
Entries 0
Data
Simu


epdEastTac47
Entries 239128


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 239128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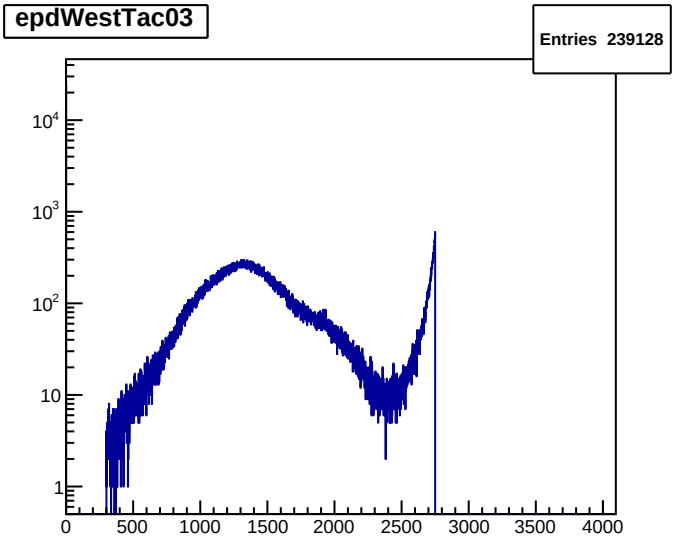
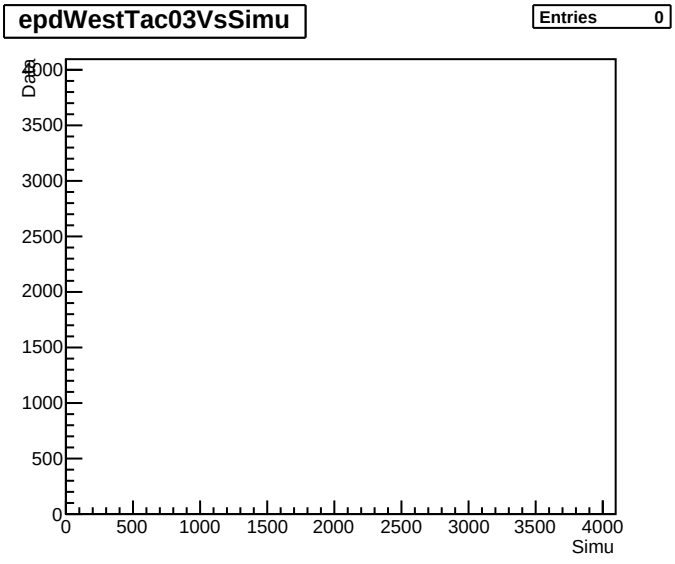
Entries 0
Data
Simu


epdWestTac03
Entries 239128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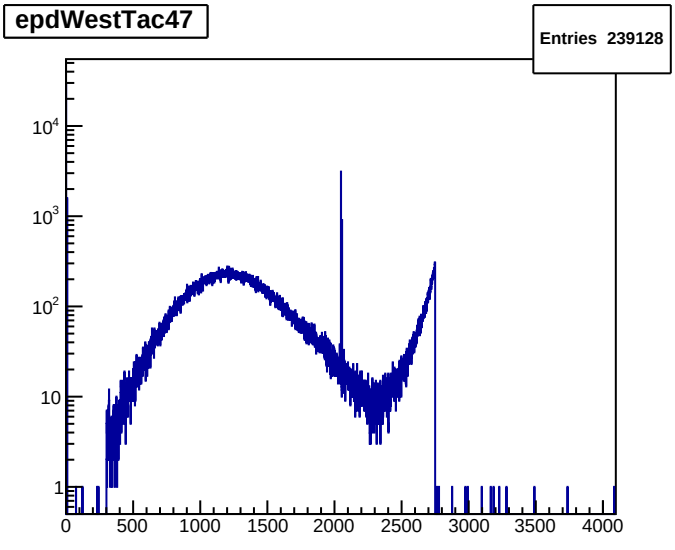
Entries 0
Data
Simu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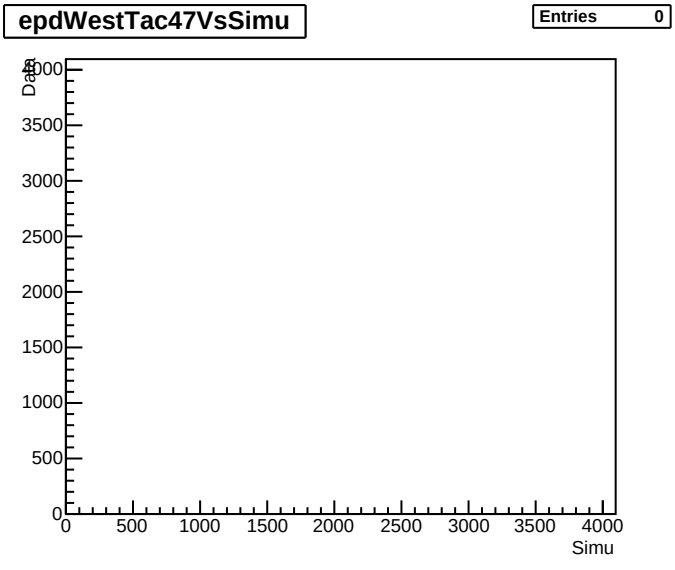
Entries 239128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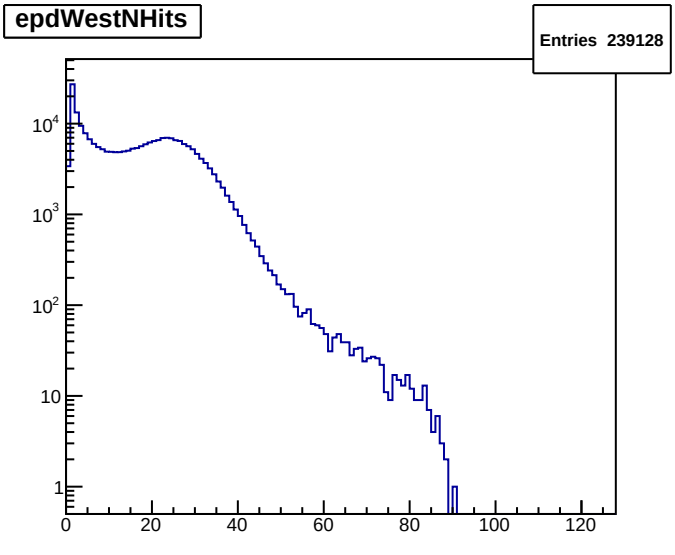
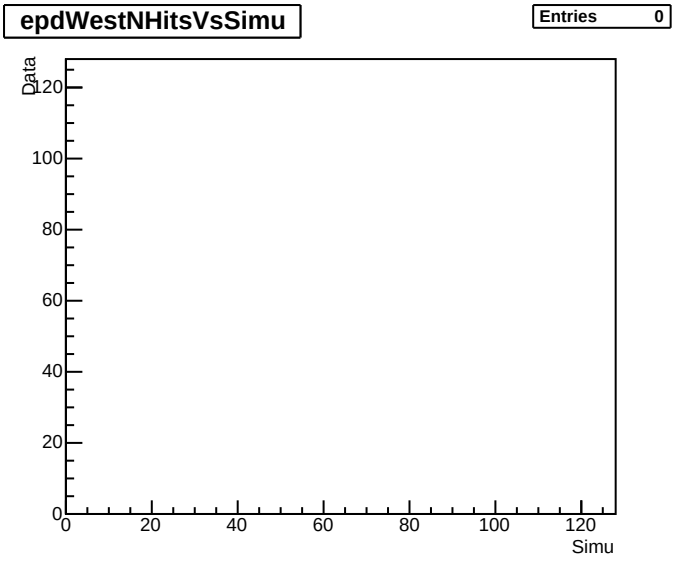
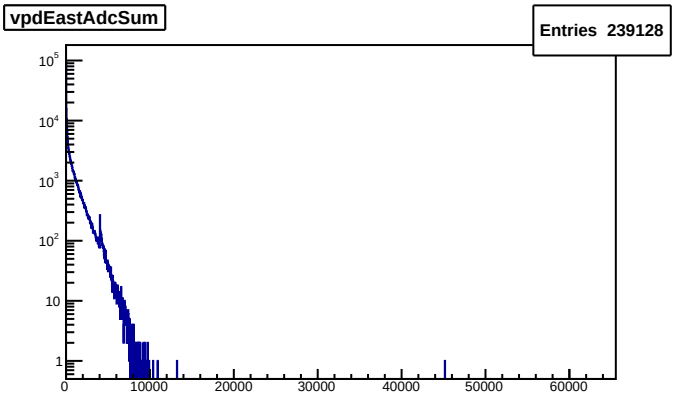
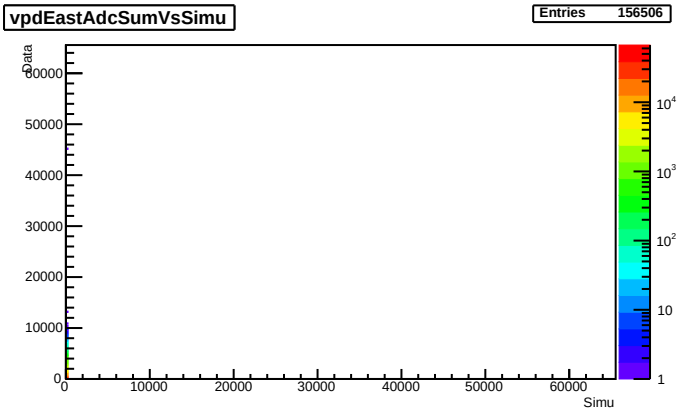
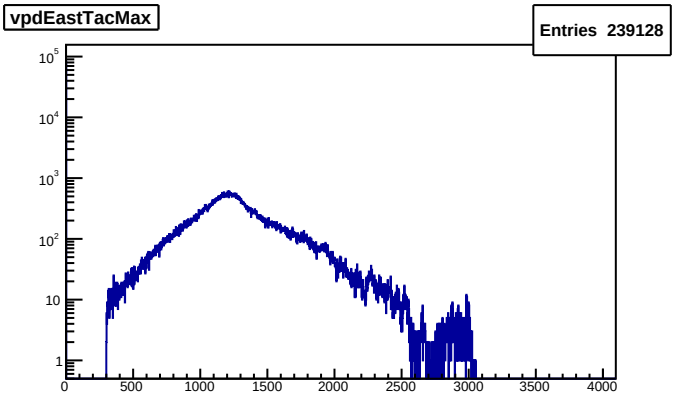
Entries 0
Data
Simu

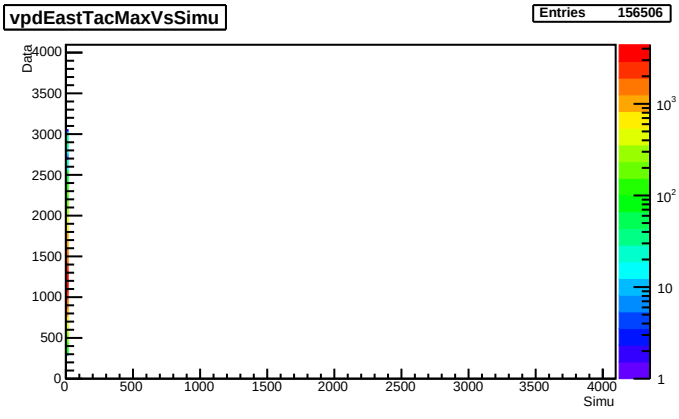

epdWestNHits
Entries 239128

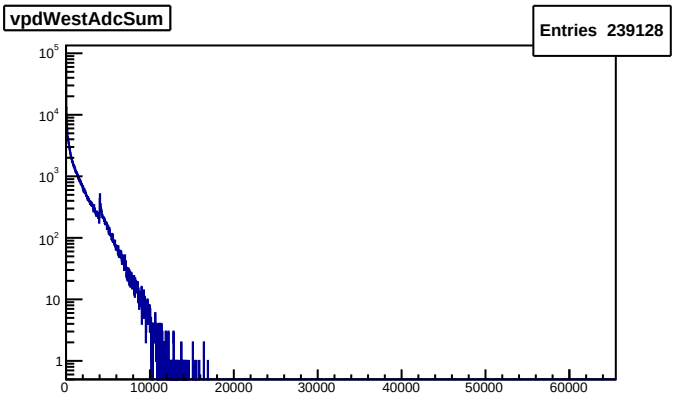

epdWestNHitsVsSimu
Entries 0
Data
Simu

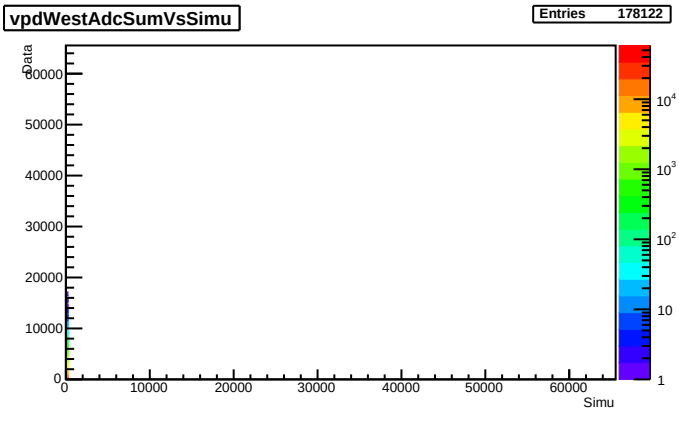

vpdEastAdcSum
Entries 239128

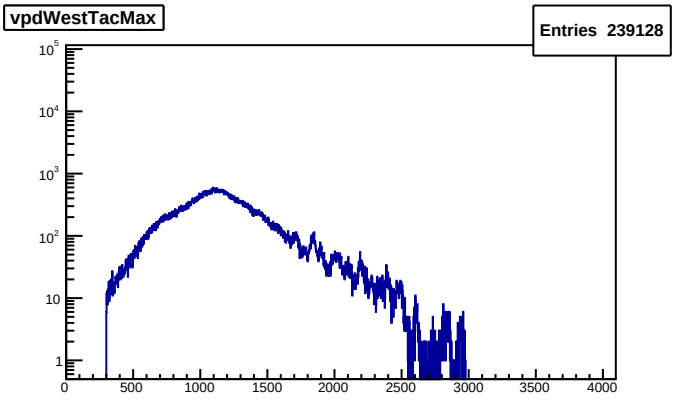

vpdEastAdcSumVsSimu
Entries 156506
Data
Simu

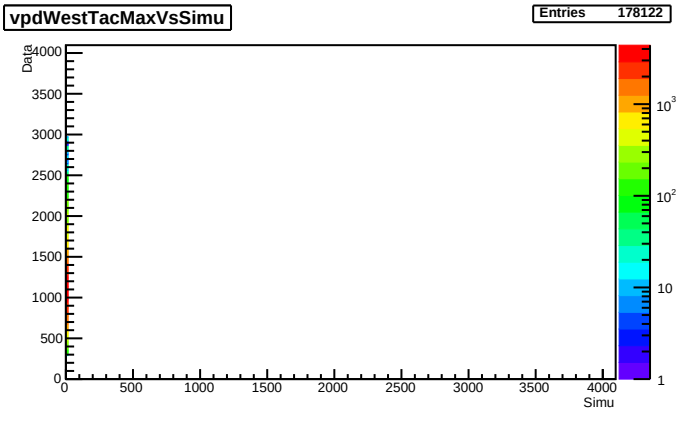

vpdEastTacMax
Entries 239128

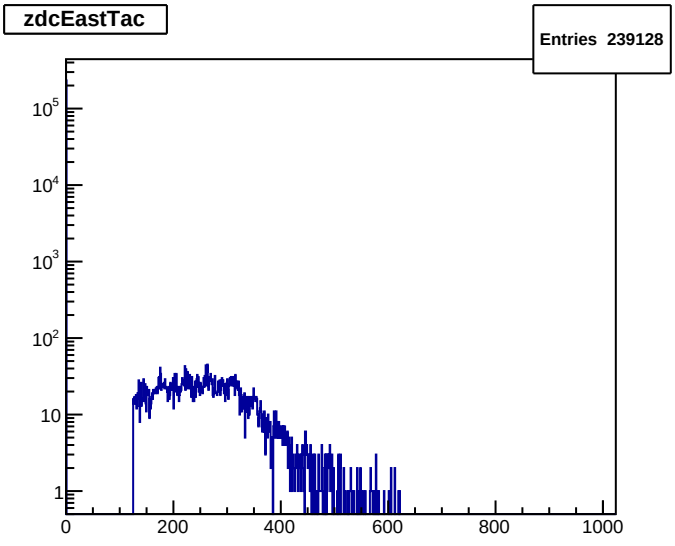

vpdEastTacMaxVsSimu
Entries 156506
Data
Simu

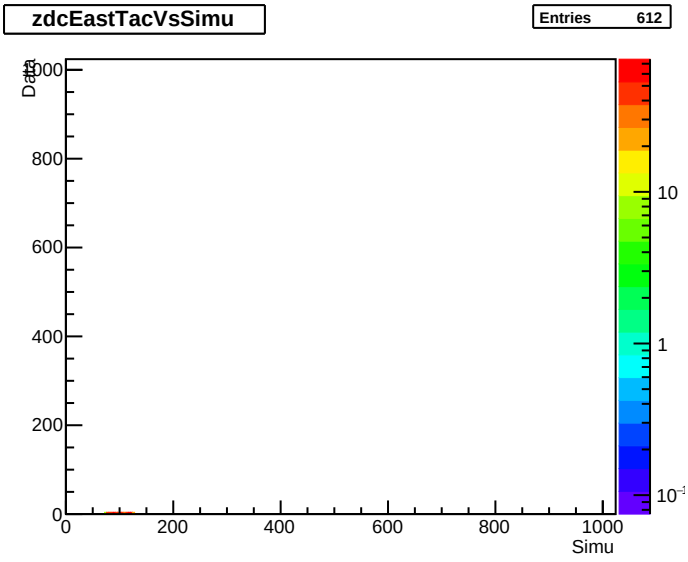

vpdWestAdcSum
Entries 239128

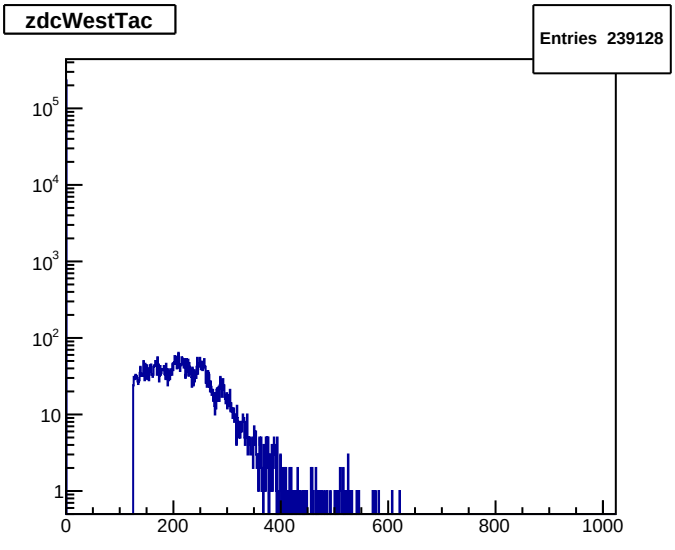

vpdWestAdcSumVsSimu
Entries 178122
Data
Simu

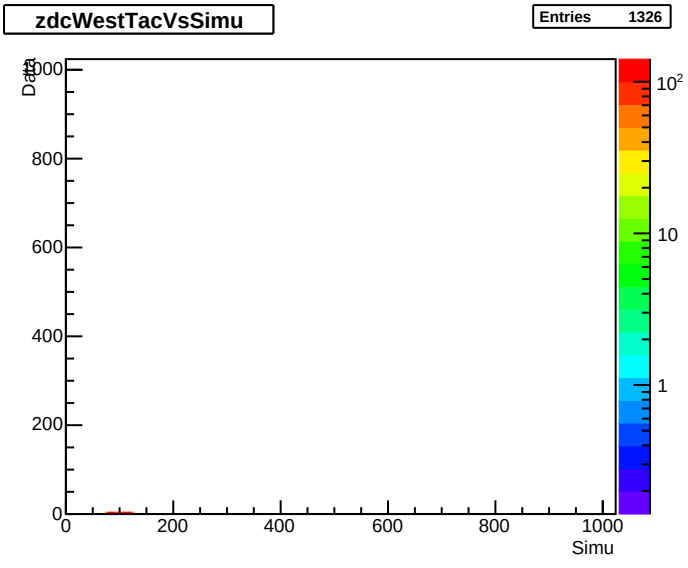

vpdWestTacMax
Entries 239128

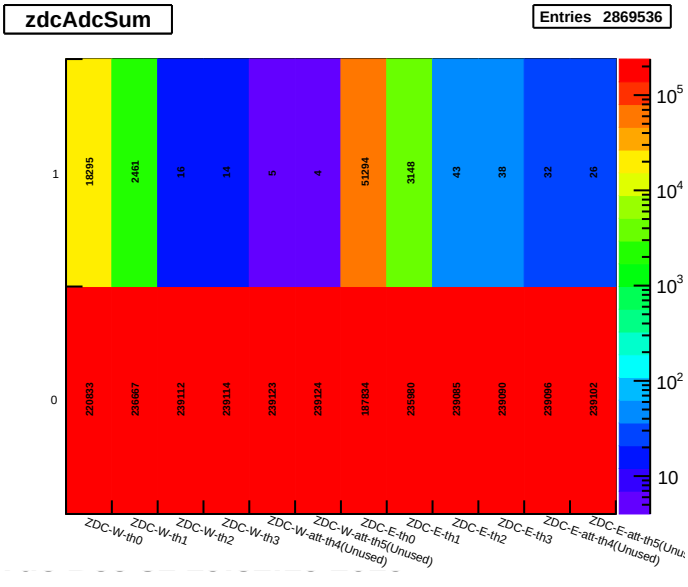

vpdWestTacMaxVsSimu
Entries 178122
Data
Simu

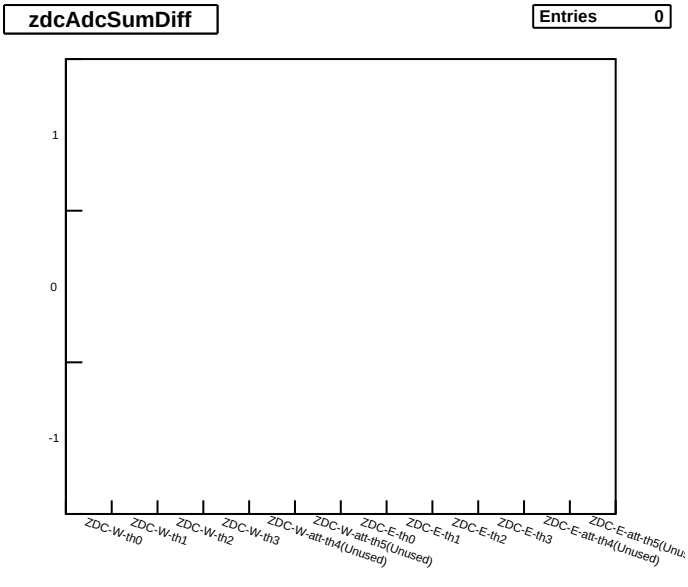

zdcEastTac
Entries 239128


zdcEastTacVsSimu
Entries 612
Data
Simu


zdcWestTac
Entries 239128


zdcWestTacVsSimu
Entries 1326
Data
Simu


zdcAdcSum
Entries 2869536
18295
2461
16
14
5
4
51294
3148
43
38
32
26
220833
236667
239112
239114
239123
239124
187834
235980
239085
239090
239096
239102
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)
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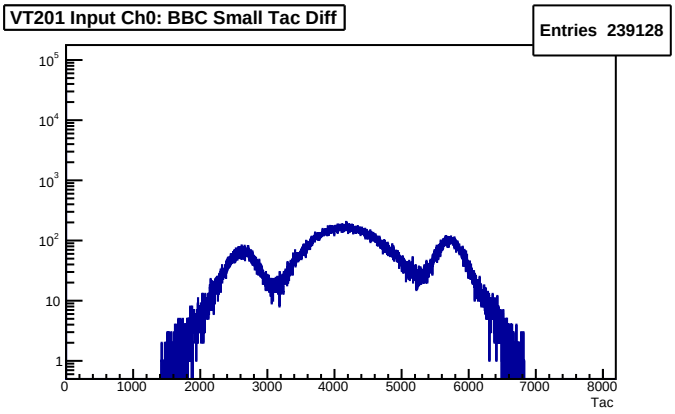
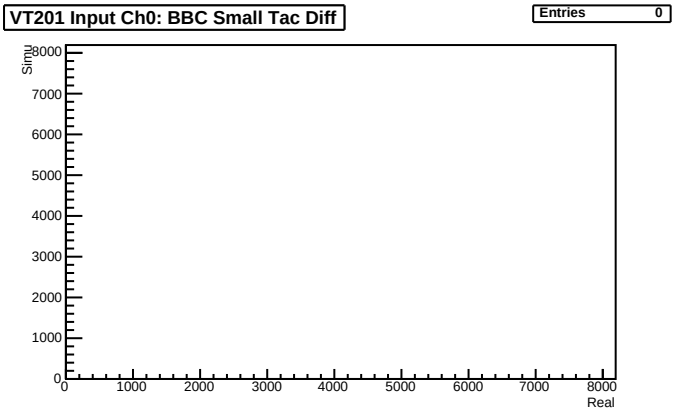
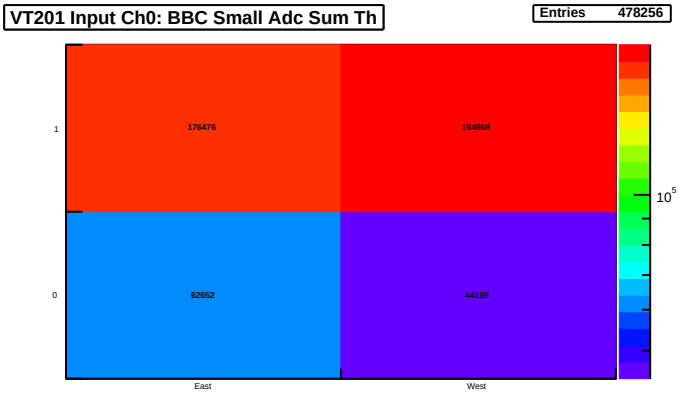
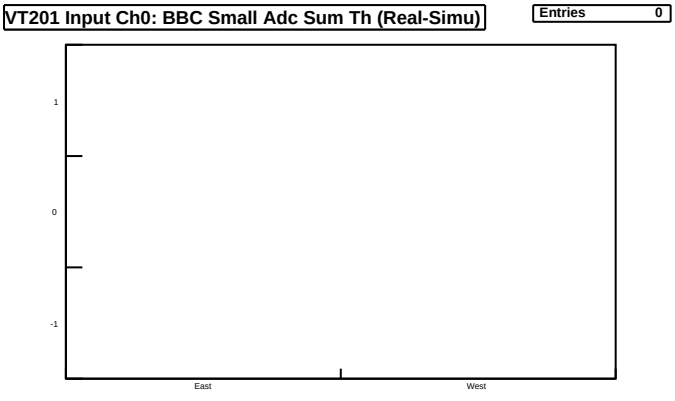
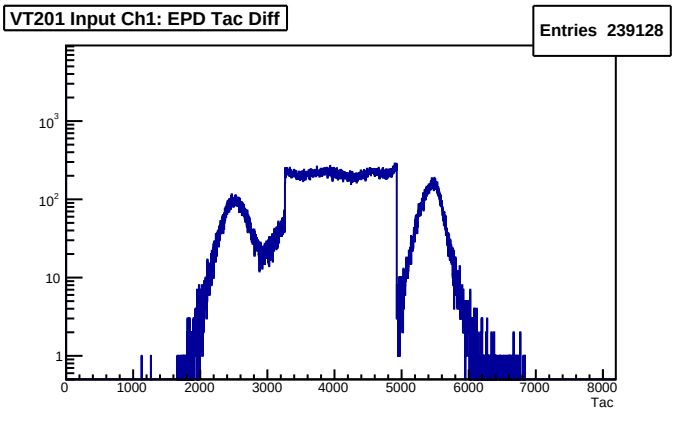
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

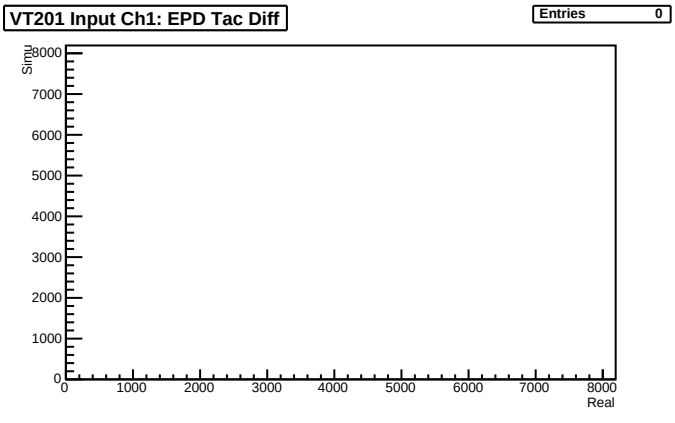

VT201 Input Ch0: BBC Small Tac Diff
Entries 239128
Tac

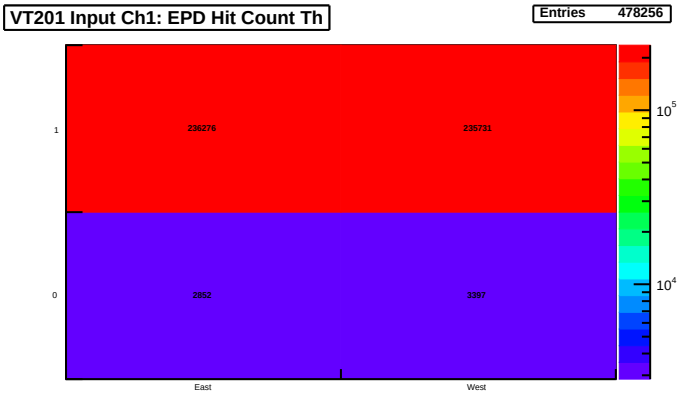

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

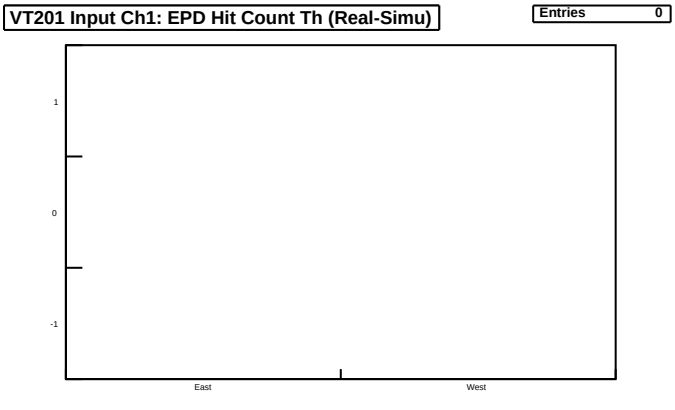

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 478256
176476
194969
62652
44159
East
West

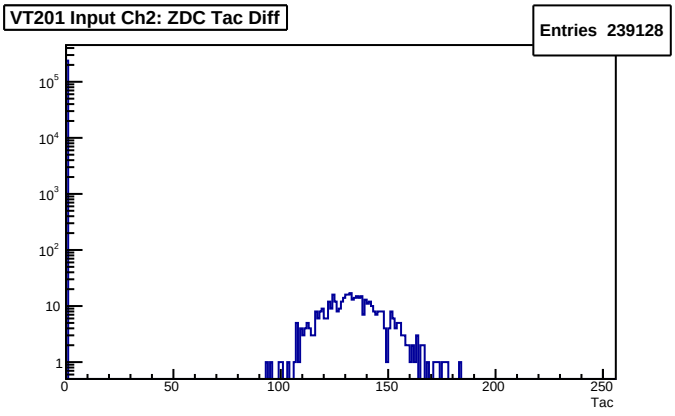

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

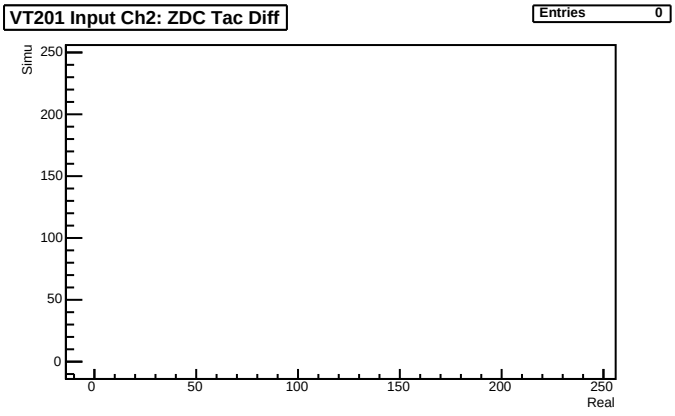

VT201 Input Ch1: EPD Tac Diff
Entries 239128
Tac

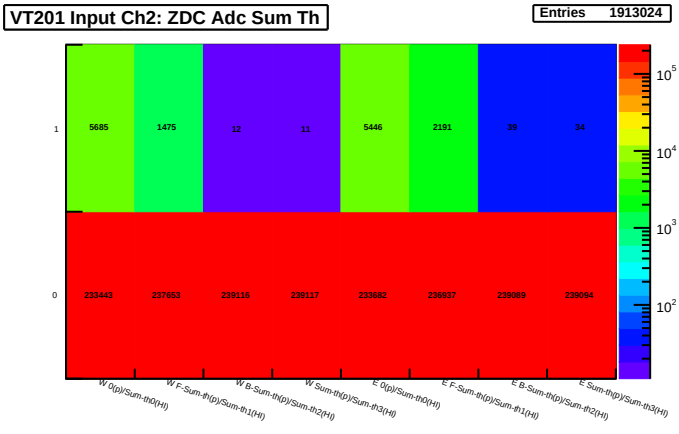

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

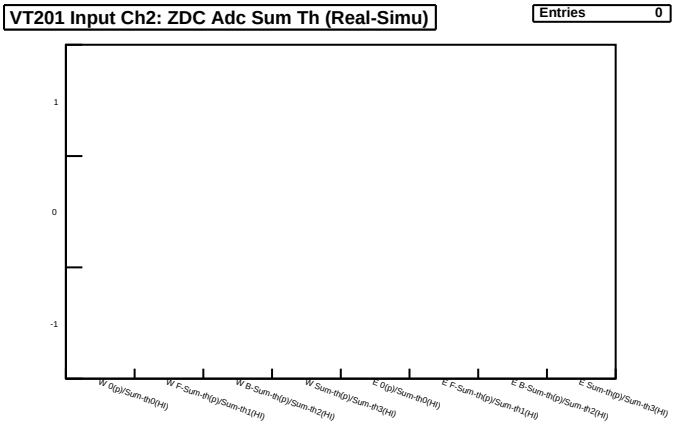

VT201 Input Ch1: EPD Hit Count Th
Entries 478256
236276
235731
2852
3397
East
West

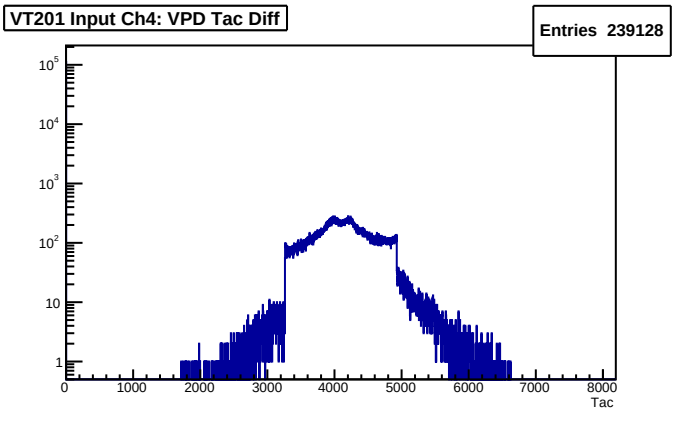

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

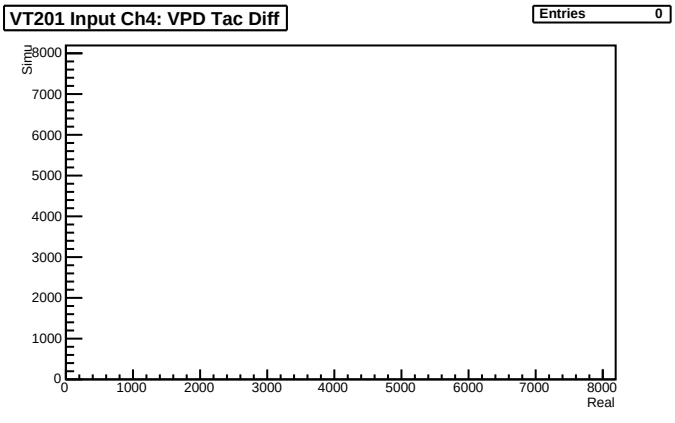

VT201 Input Ch2: ZDC Tac Diff
Entries 239128
Tac

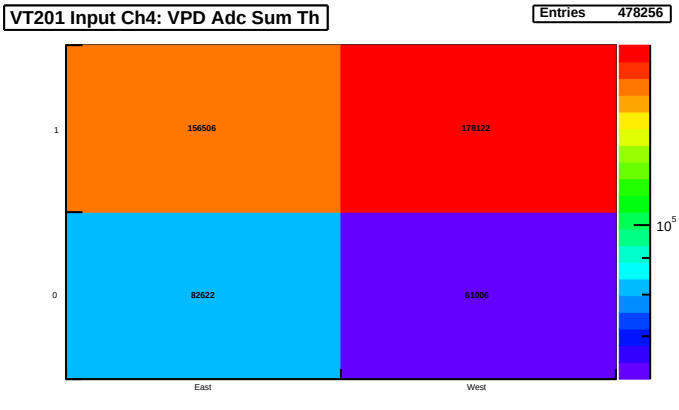

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

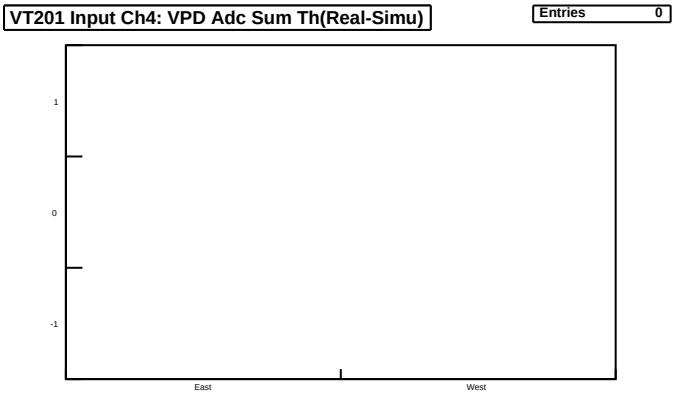

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1913024
5685
1475
12
11
5446
2191
39
34
233443
237653
239116
239117
233682
236937
239089
239094
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

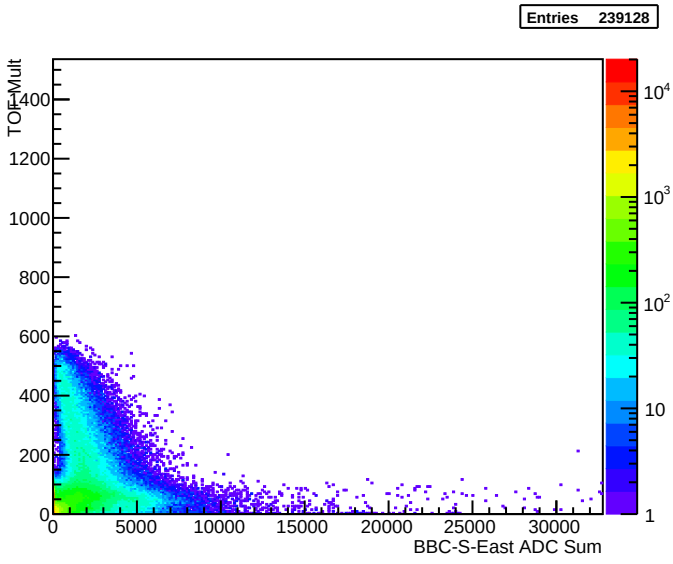

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

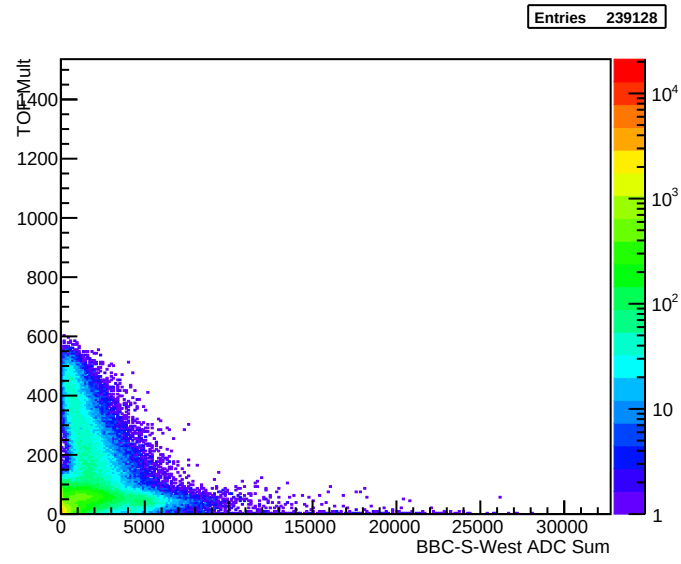

VT201 Input Ch4: VPD Tac Diff
Entries 239128
Tac

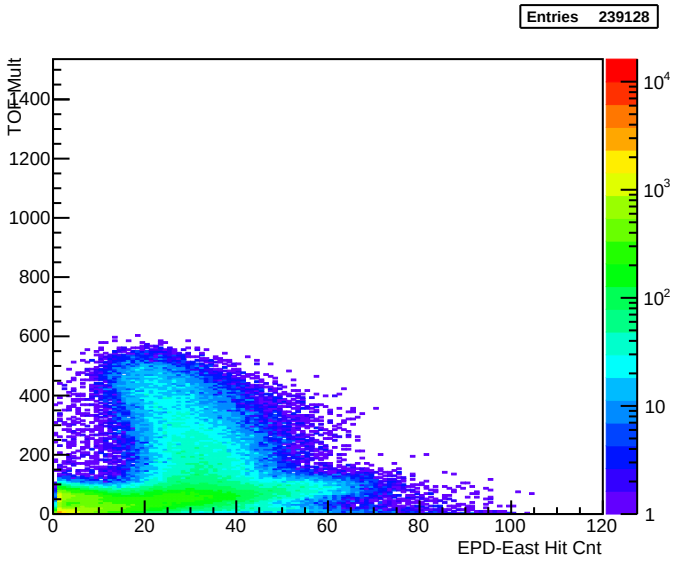

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

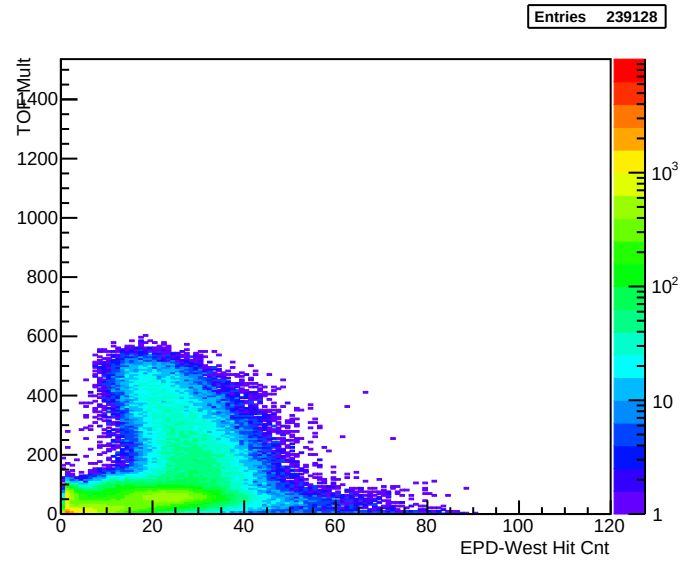

VT201 Input Ch4: VPD Adc Sum Th
Entries 478256
156506
178122
82622
61006
East
West

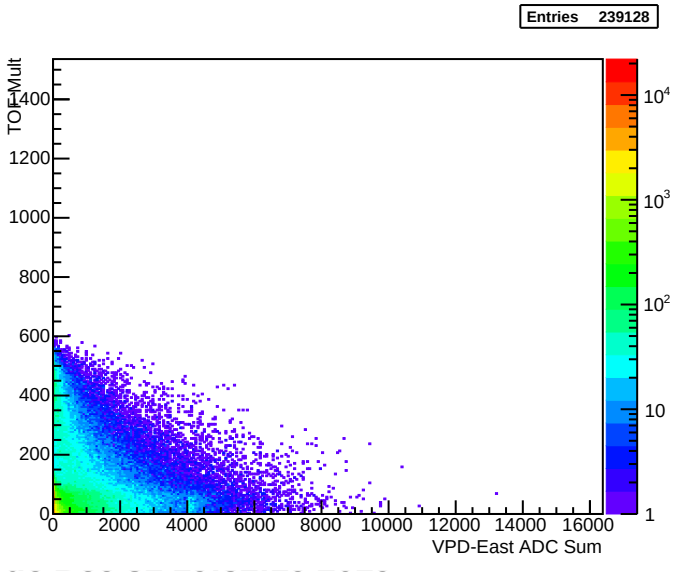

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

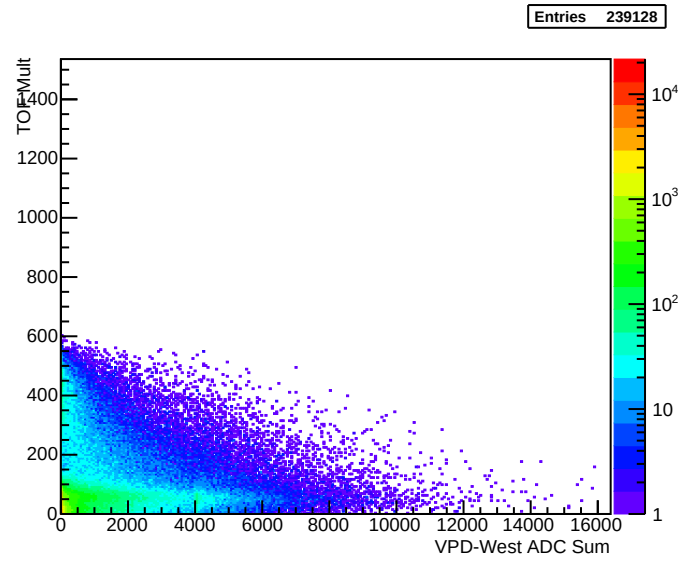

Entries 239128
TOF-Mult
BBC-S-East ADC Sum

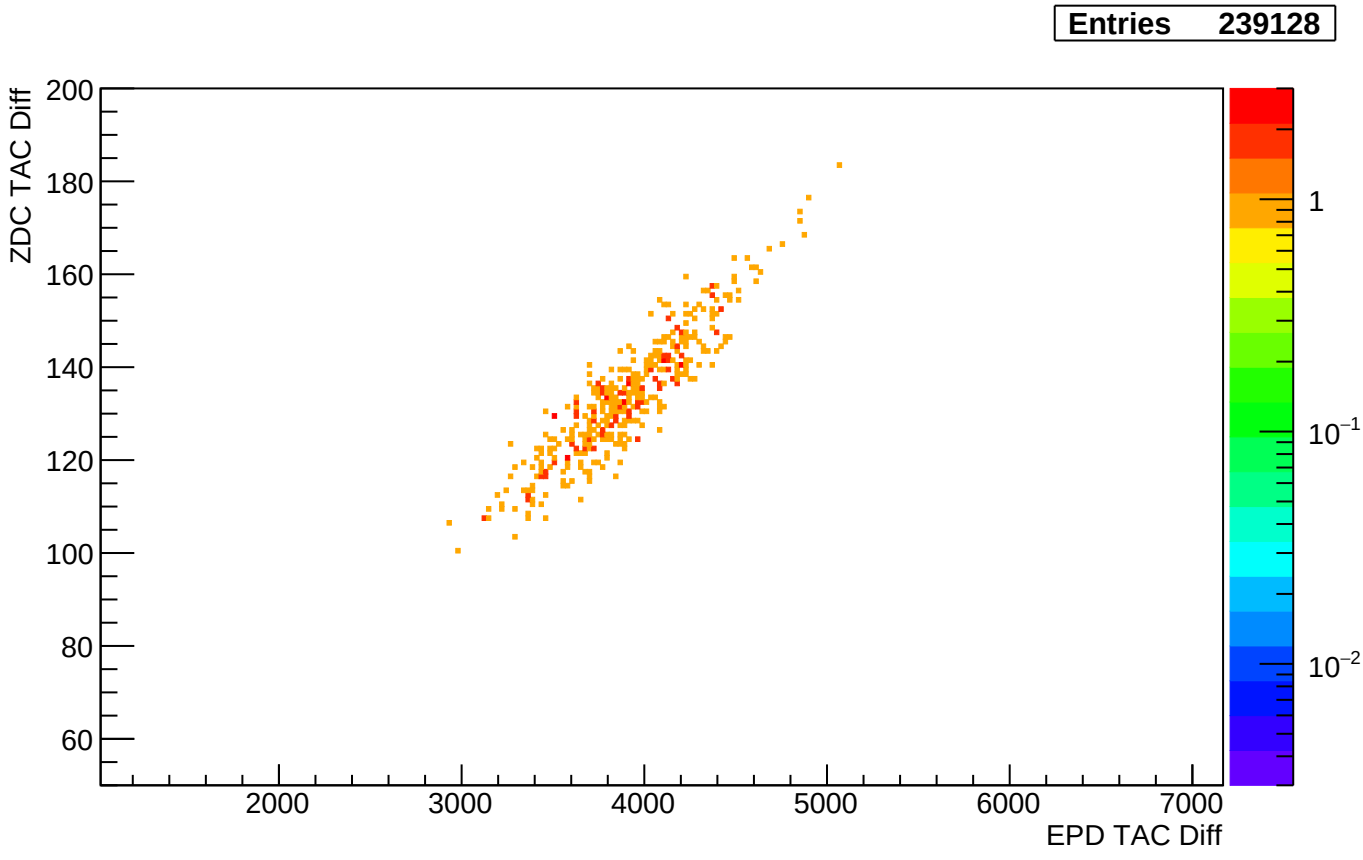

Entries 239128
TOF-Mult
BBC-S-West ADC Sum

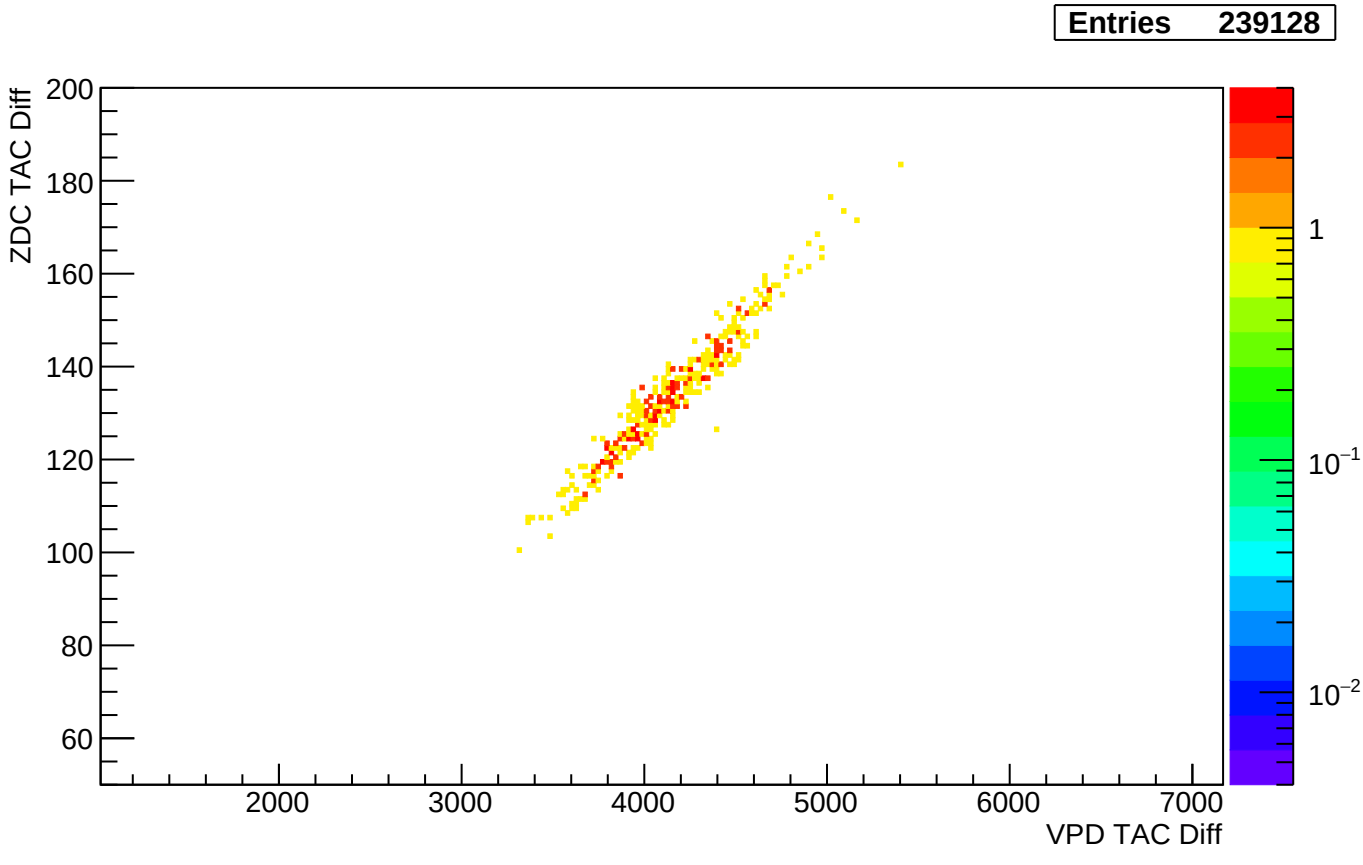

Entries 239128
TOF-Mult
EPD-East Hit Cnt

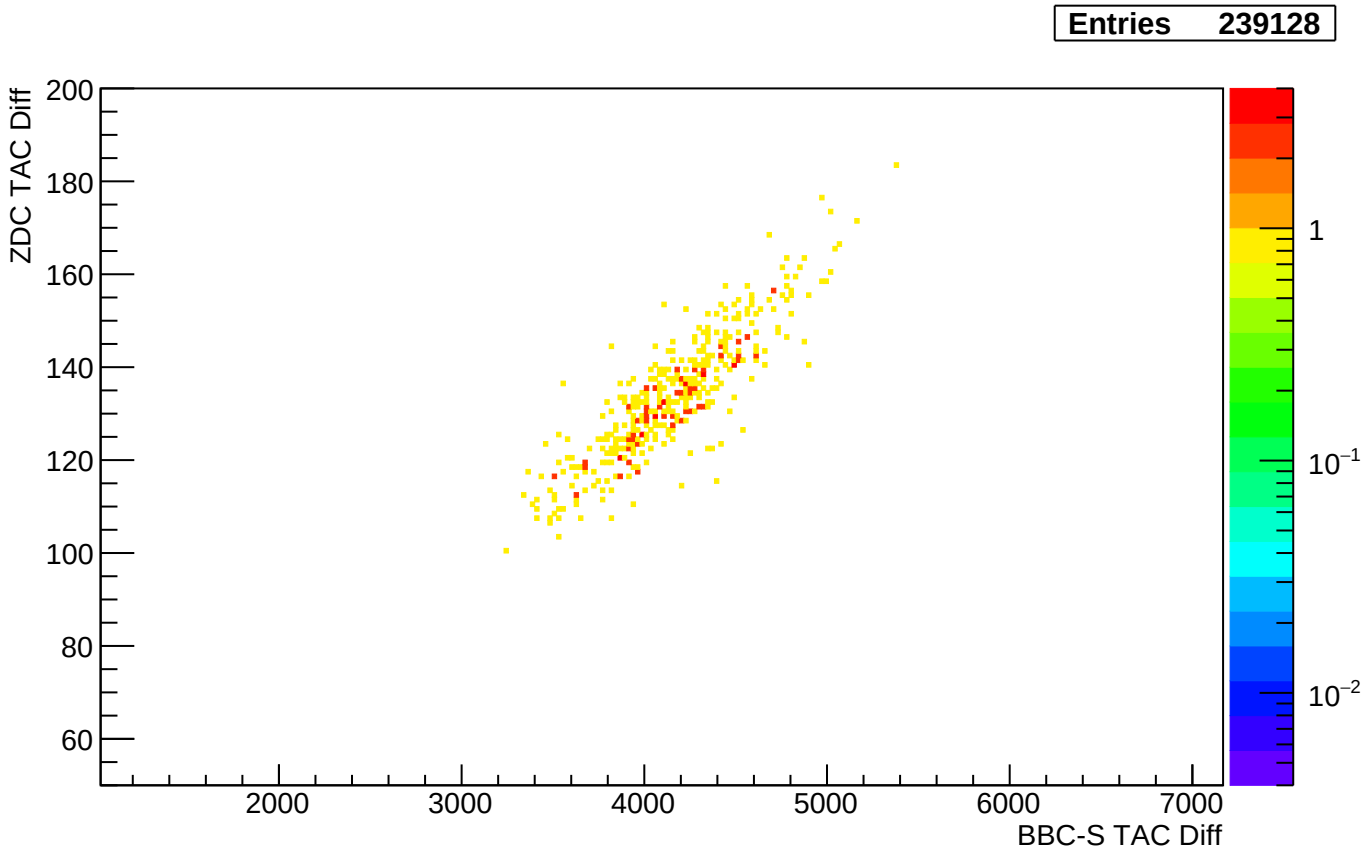

Entries 239128
TOF-Mult
EPD-West Hit Cnt

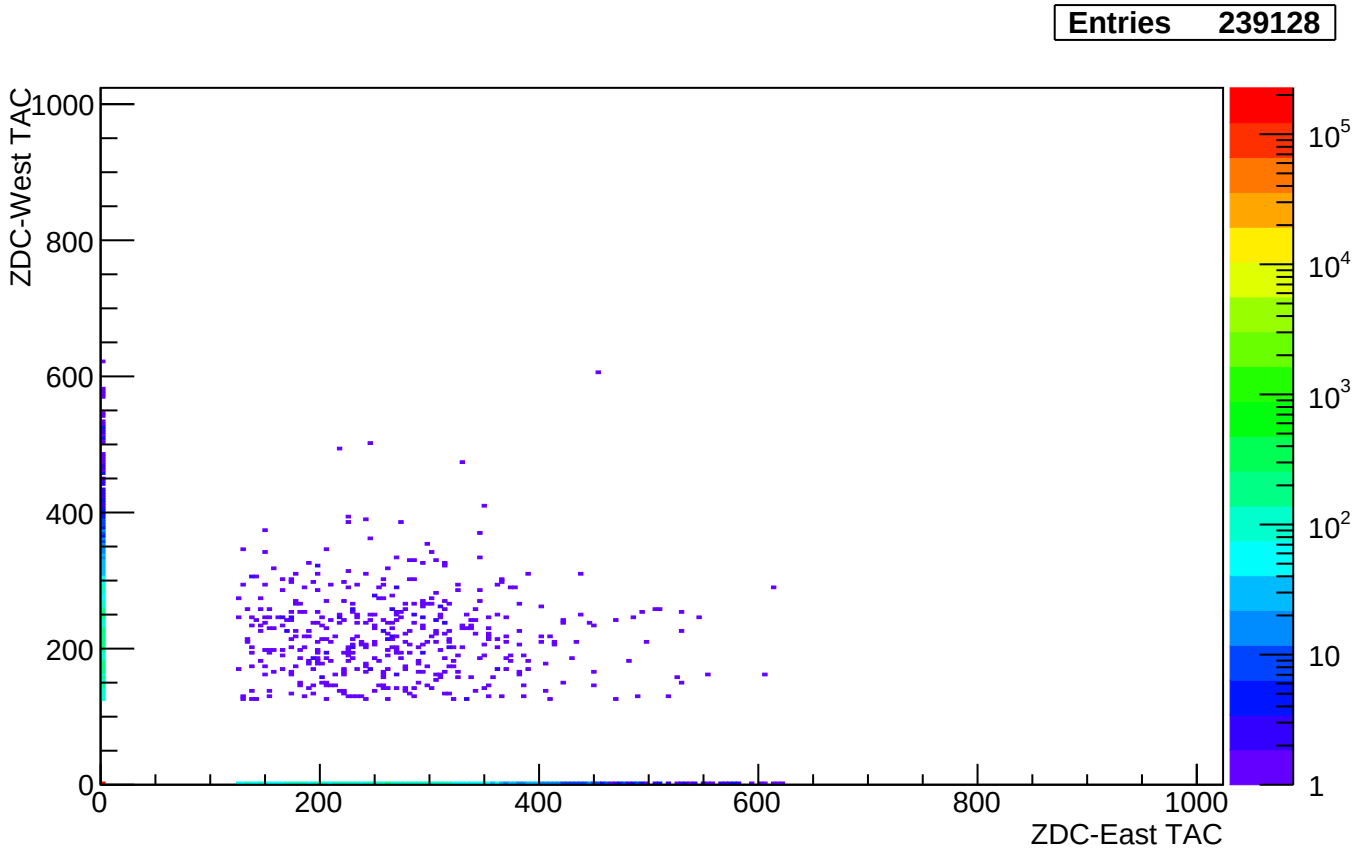

Entries 239128
TOF-Mult
VPD-East ADC Sum

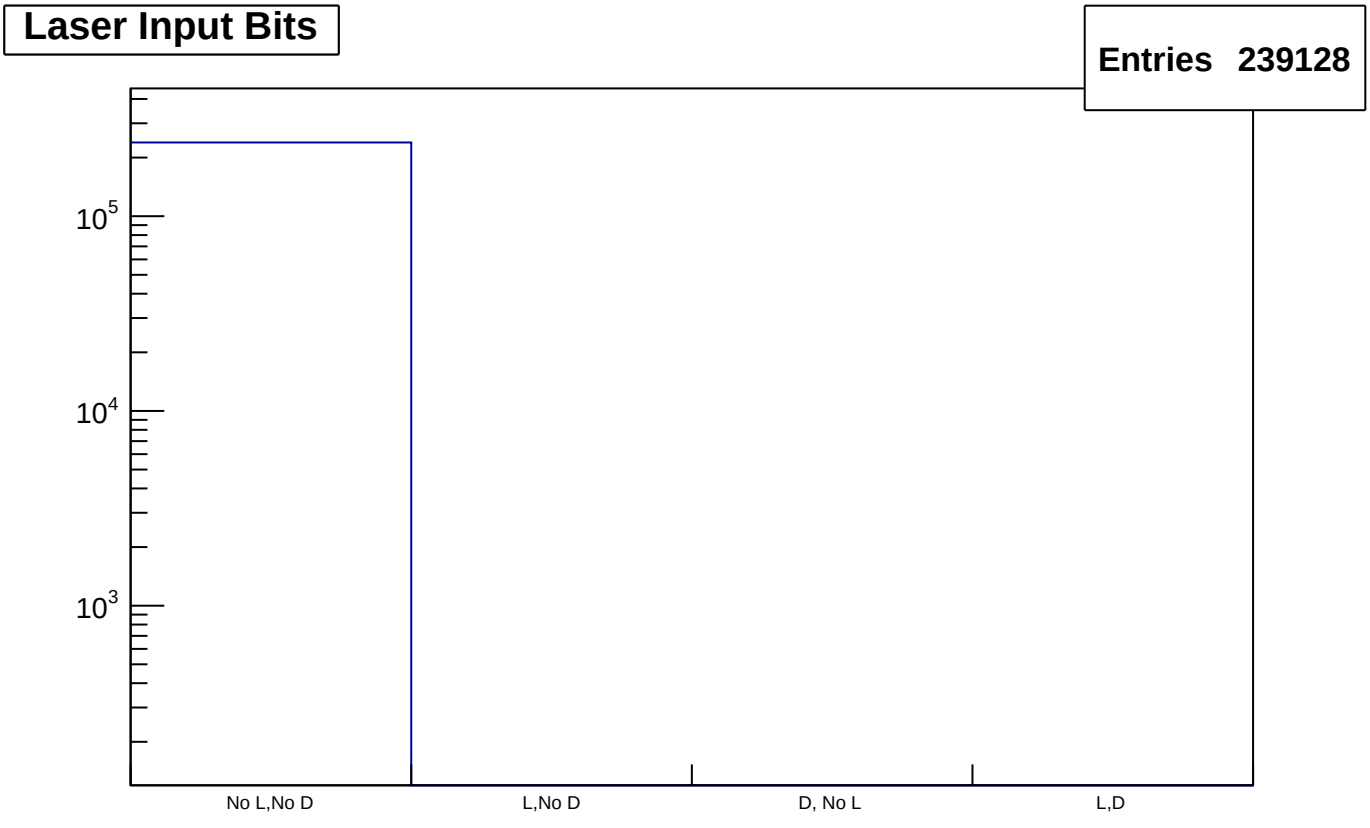

Entries 239128
TOF-Mult
VPD-West ADC Sum

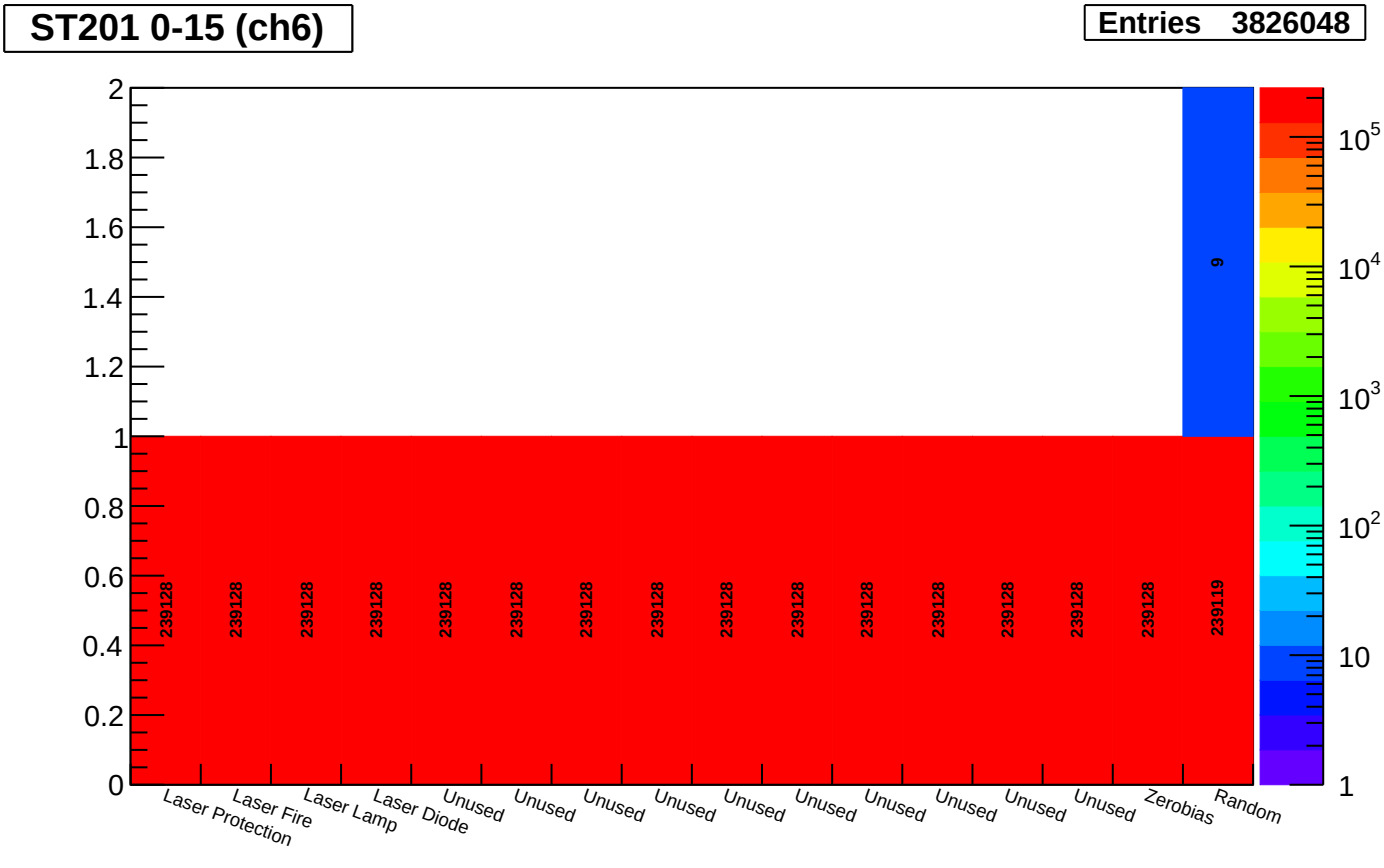

Entries 239128
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

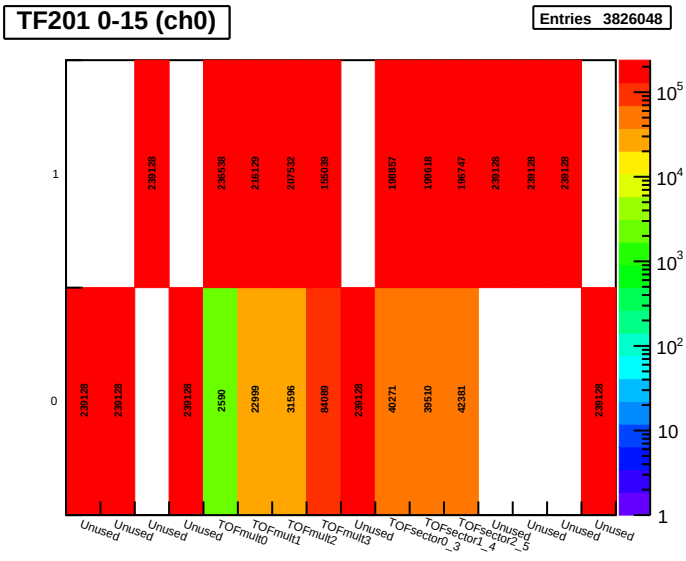

Entries 239128
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

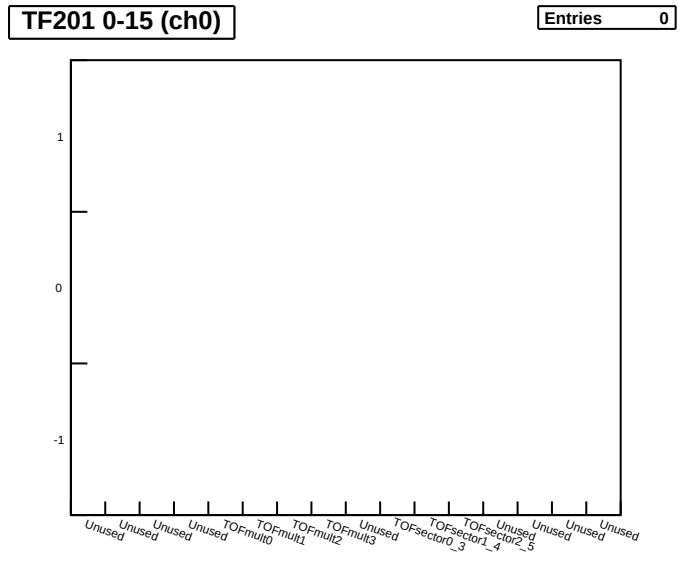

Entries 239128
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

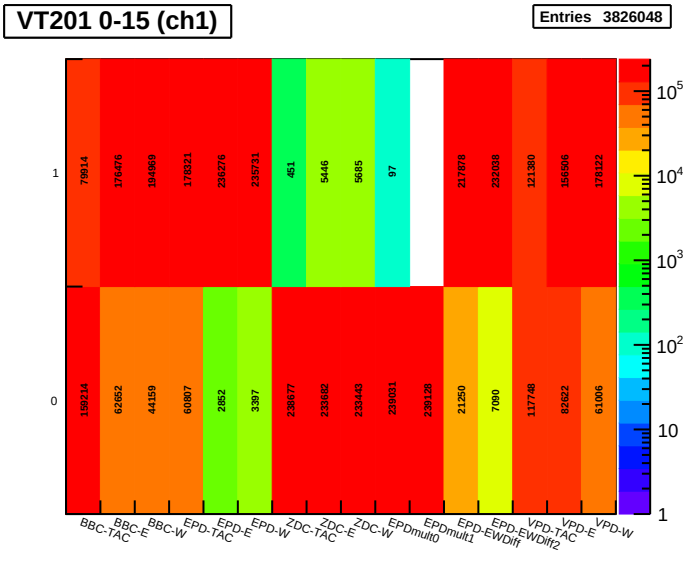

Entries 239128
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

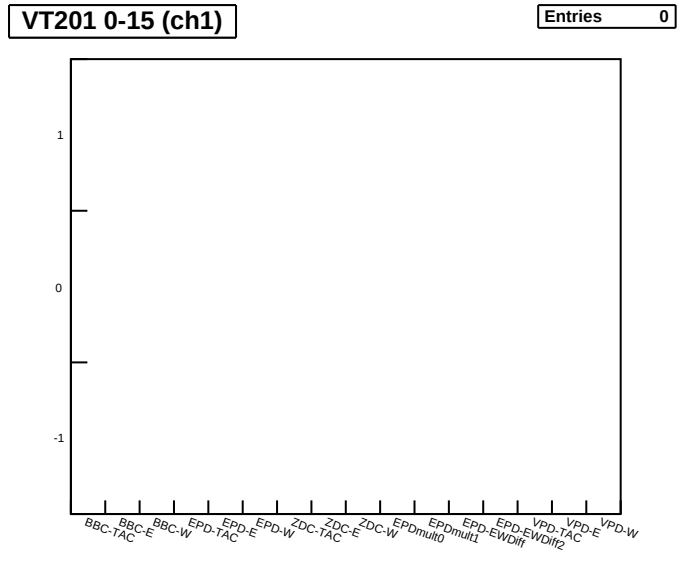

Laser Input Bits
Entries 239128
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

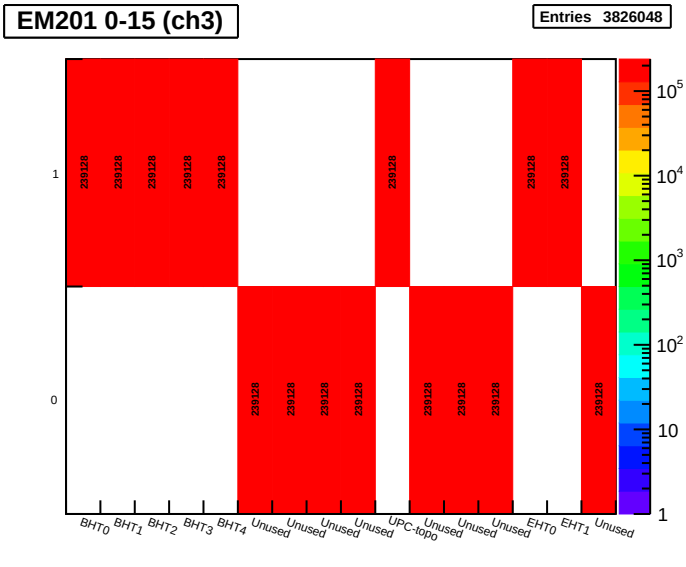

ST201 0-15 (ch6)
Entries 3826048
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
239128
239128
239128
239128
239128
239128
239128
239128
239128
239128
239128
239128
239128
239128
239128
239119
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

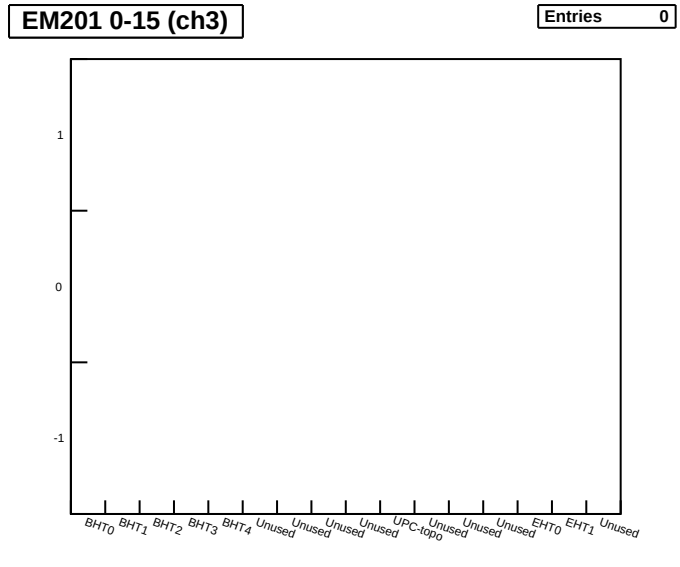

TF201 0-15 (ch0)
Entries 3826048
1
0
239128 239128 239128 239128 236538 216129 207532 155039 198857 199618 196747 239128 239128 239128
239128 239128 239128 2590 22999 31596 84089 239128 40271 39510 42381 239128
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 3826048
1
0
79914 176476 194969 178321 236276 235731 451 5446 5685 97 217878 232038 121380 155506 178122
159214 62652 44159 60807 2652 3397 238677 233682 233443 239031 239128 21250 7090 117748 82622 61006
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 3826048
1
0
239128 239128 239128 239128 239128 239128 239128 239128 239128
239128 239128 239128 239128 239128 239128 239128 239128
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