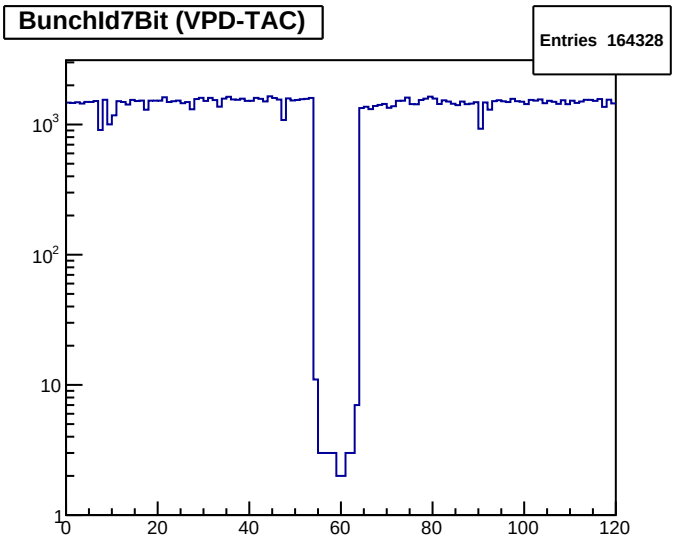
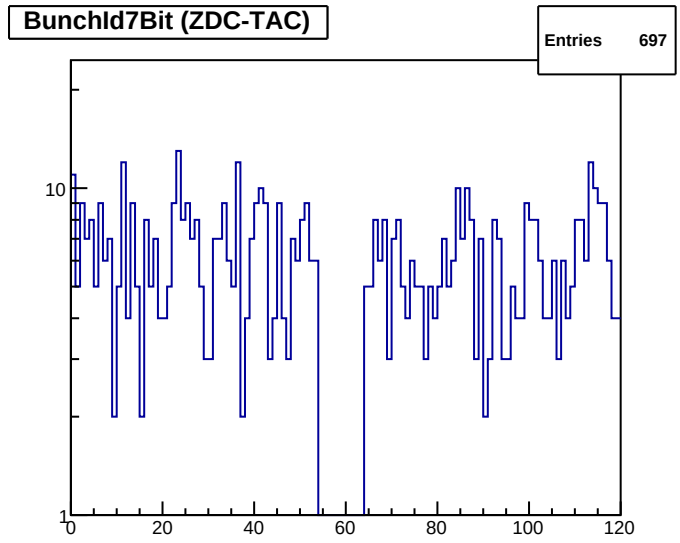
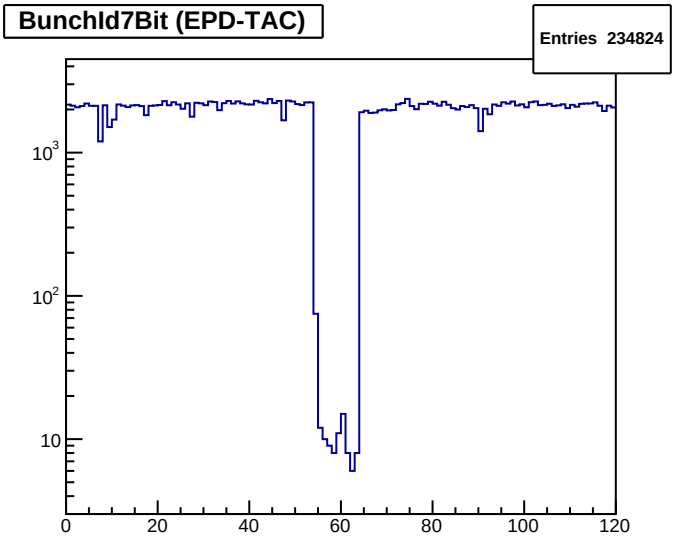
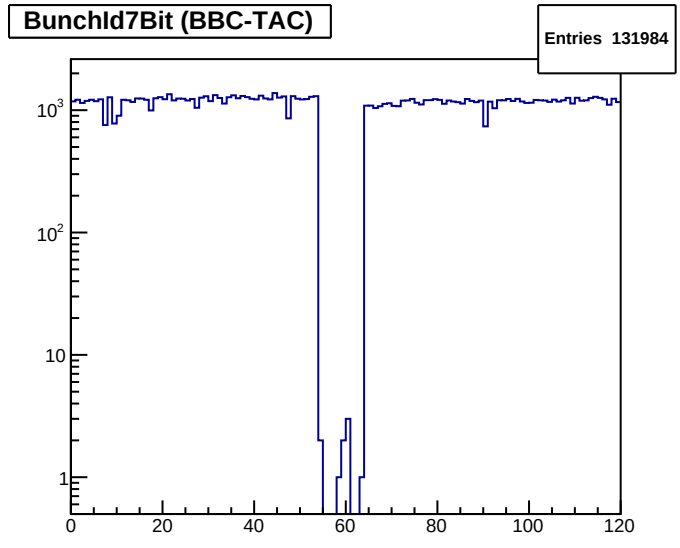
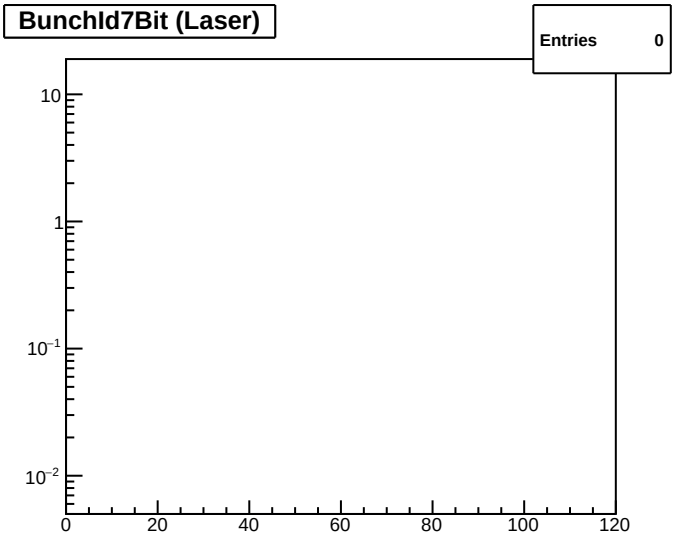
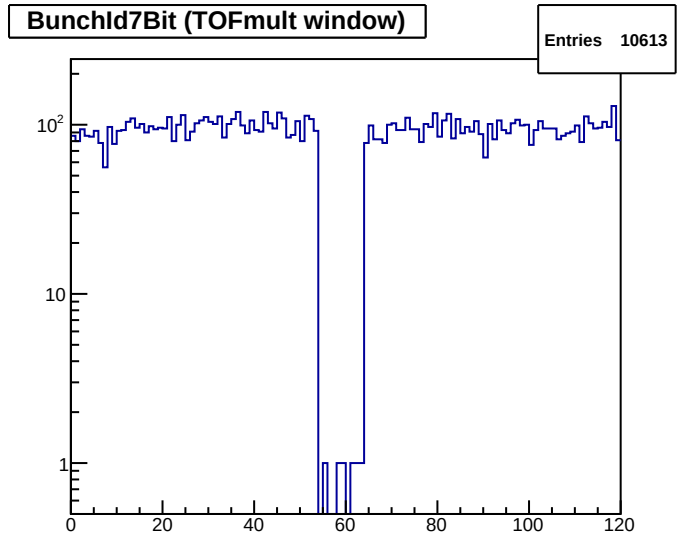

BunchId7Bit (VPD-TAC)
Entries 164328

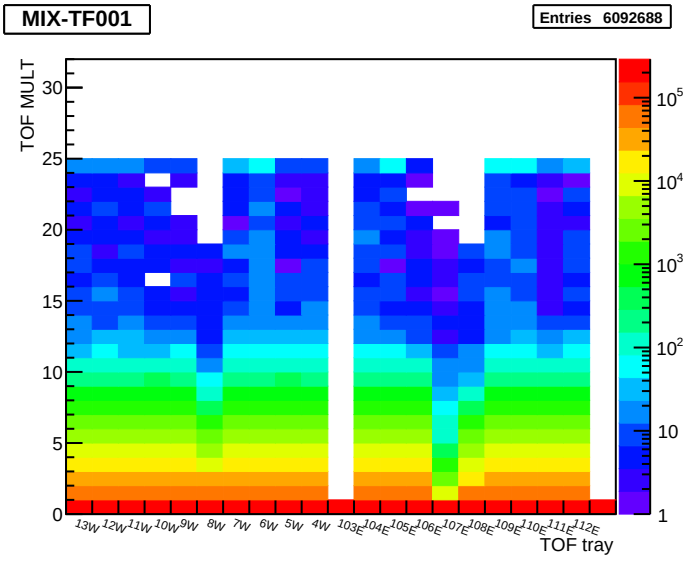

BunchId7Bit (ZDC-TAC)
Entries 697

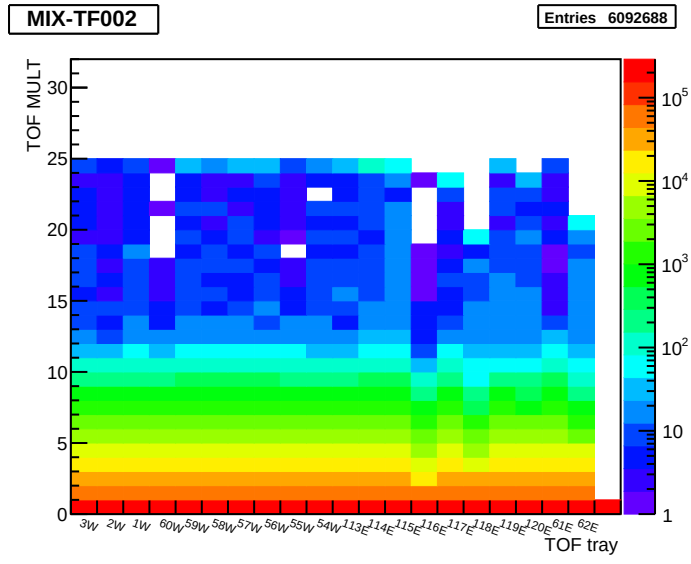

BunchId7Bit (EPD-TAC)
Entries 234824

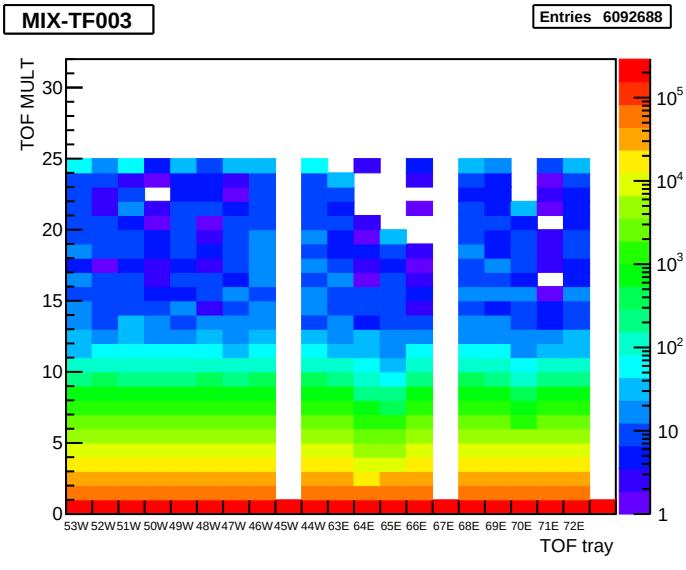

BunchId7Bit (BBC-TAC)
Entries 131984

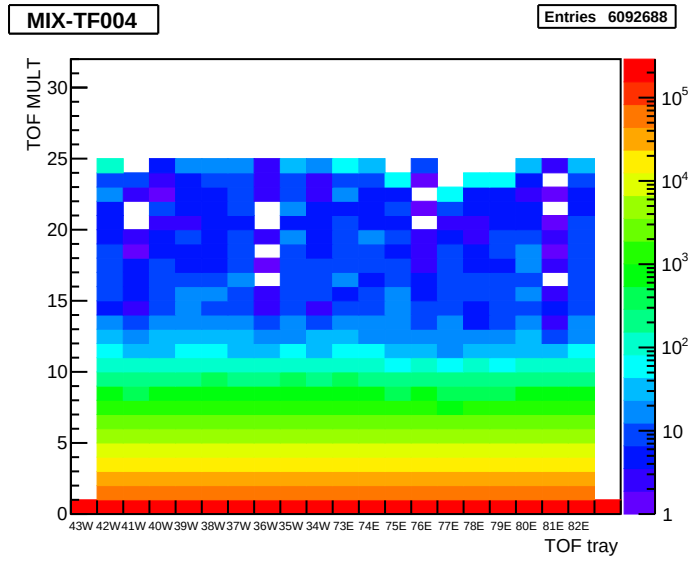

BunchId7Bit (Laser)
Entries 0

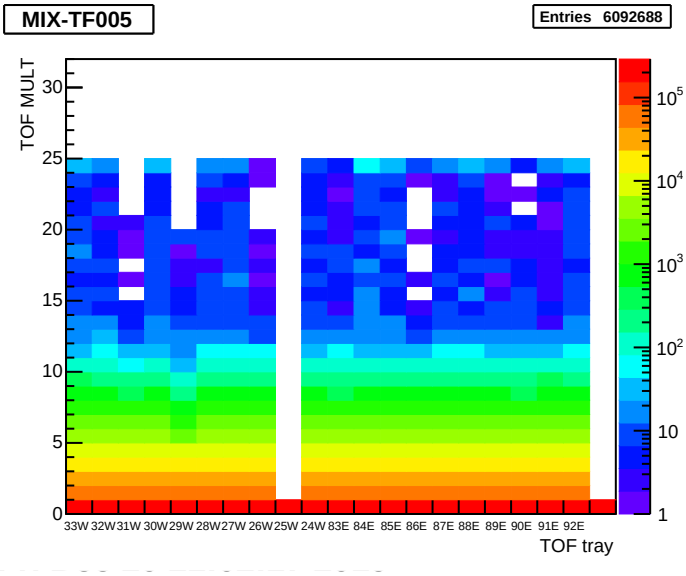

BunchId7Bit (TOFmult window)
Entries 10613

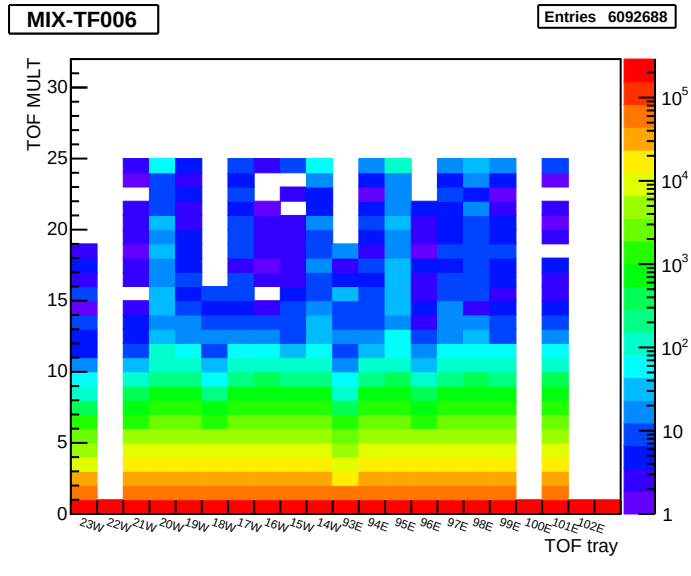

MIX-TF001
Entries 6092688
TOF MULT
TOF tray

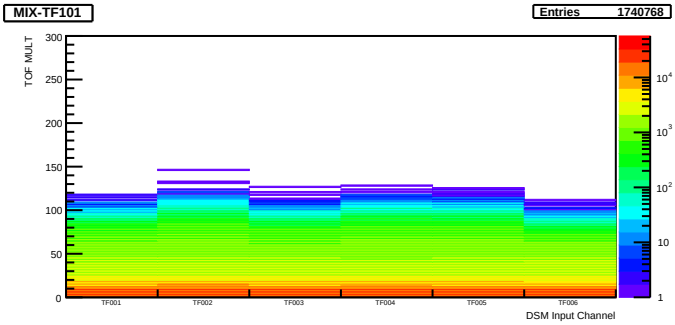

MIX-TF002
Entries 6092688
TOF MULT
TOF tray

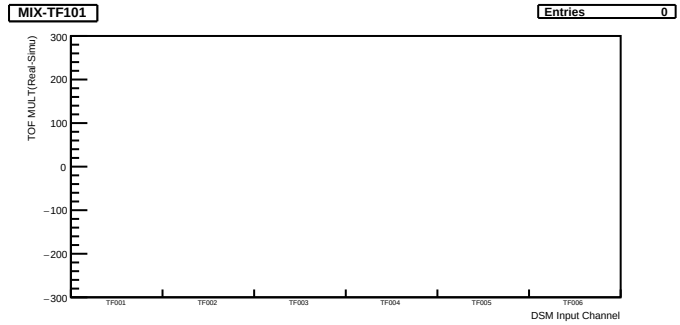

MIX-TF003
Entries 6092688
TOF MULT
TOF tray

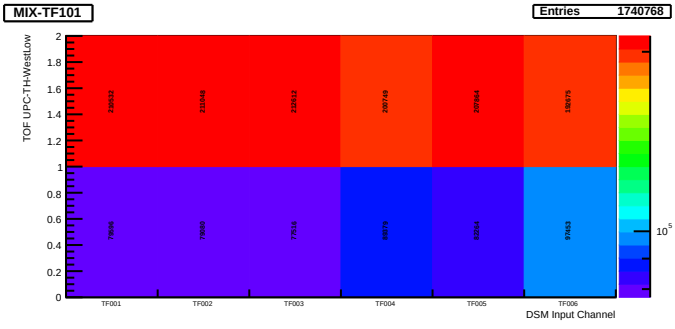

MIX-TF004
Entries 6092688
TOF MULT
TOF tray

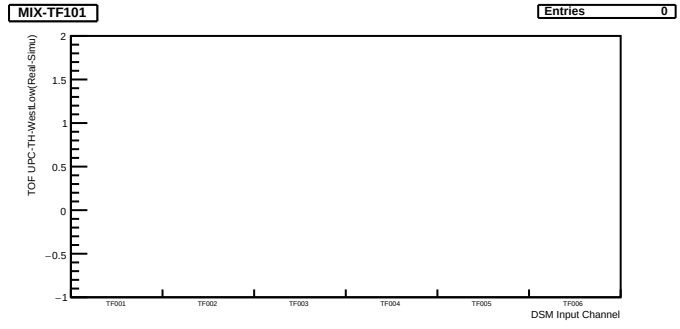

MIX-TF005
Entries 6092688
TOF MULT
TOF tray

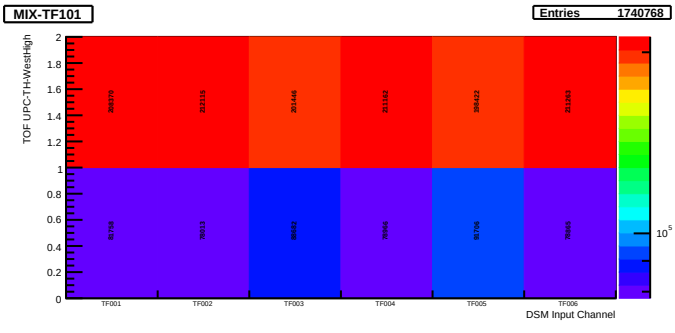

MIX-TF006
Entries 6092688
TOF MULT
TOF tray

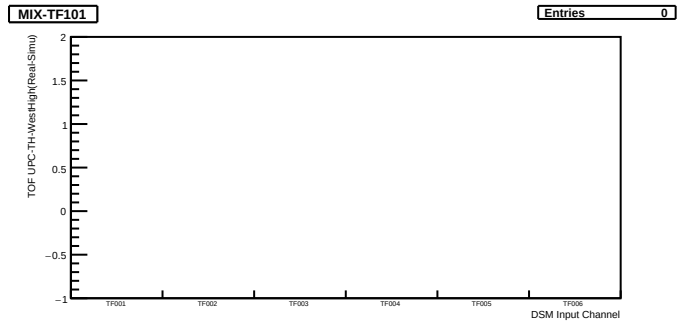

MIX-TF101
Entries 1740768
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

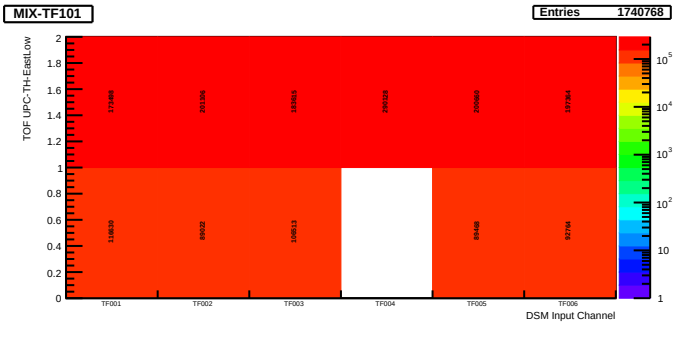

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

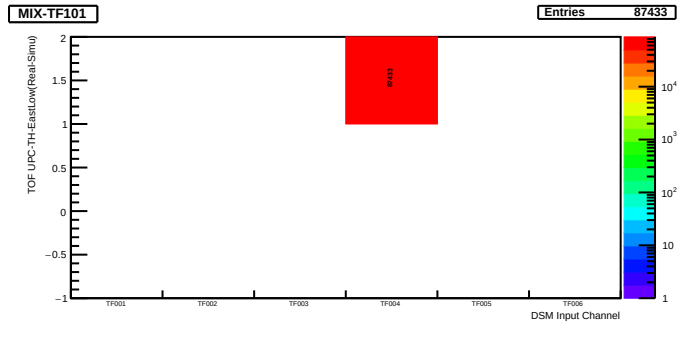

MIX-TF101
Entries 1740768
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

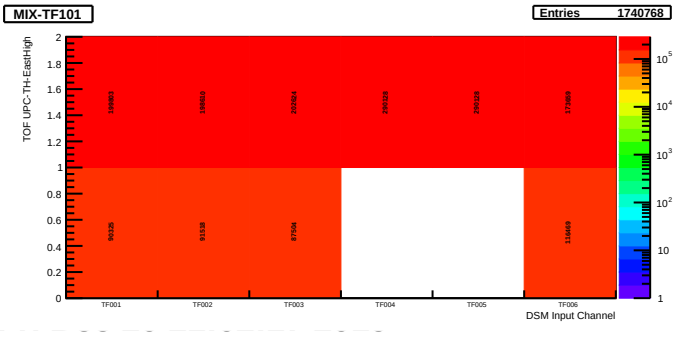

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

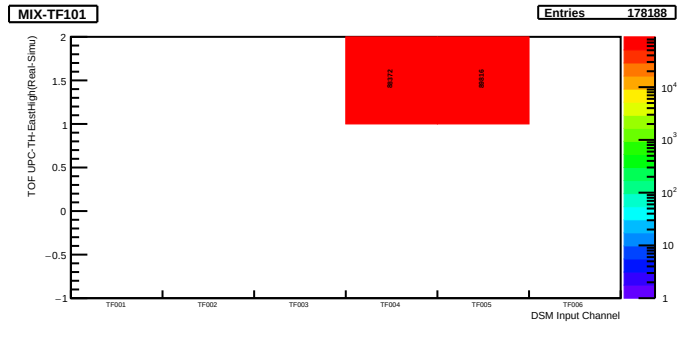

MIX-TF101
Entries 1740768
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

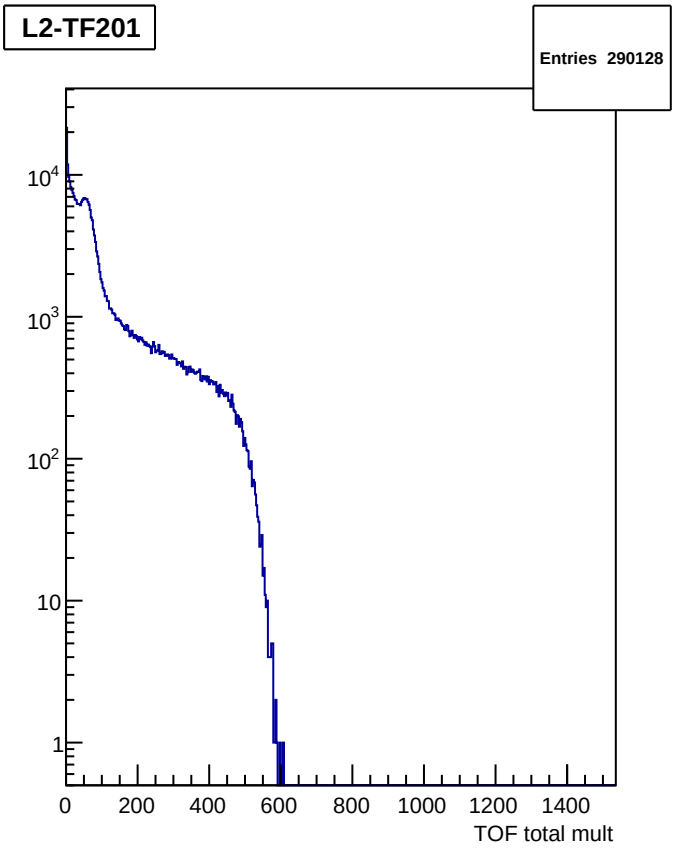

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

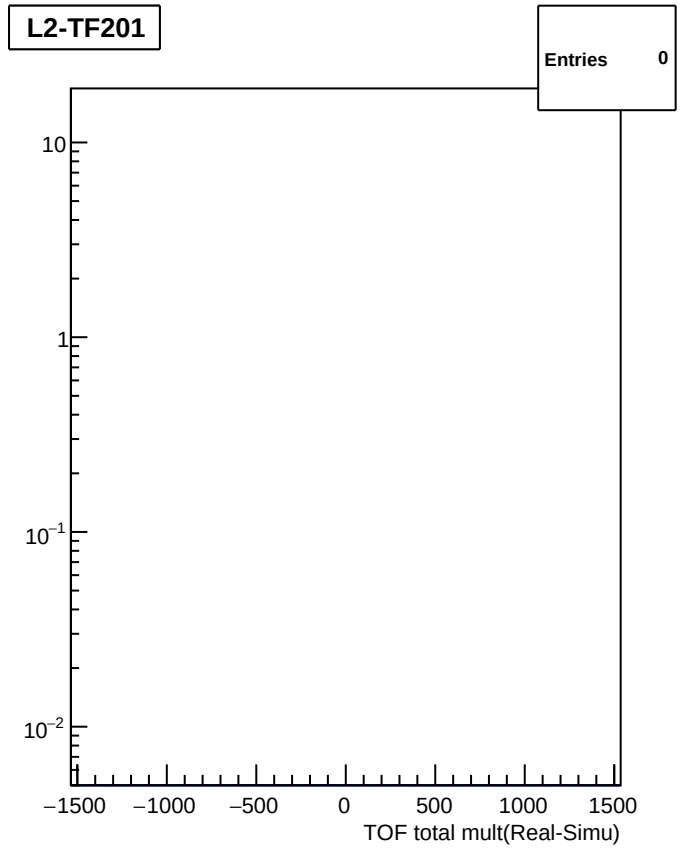

MIX-TF101
Entries 1740768
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

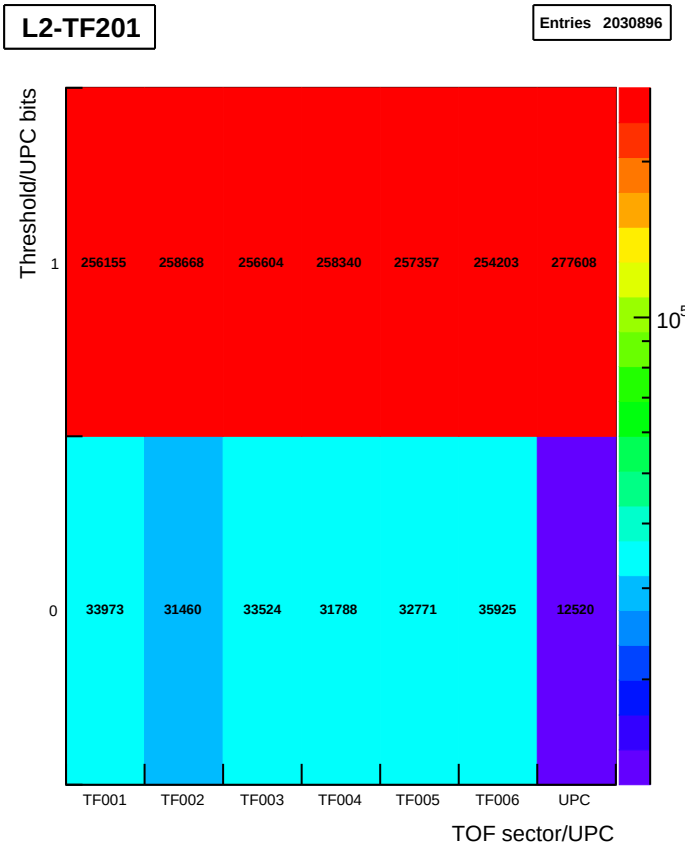

MIX-TF101
Entries 87433
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

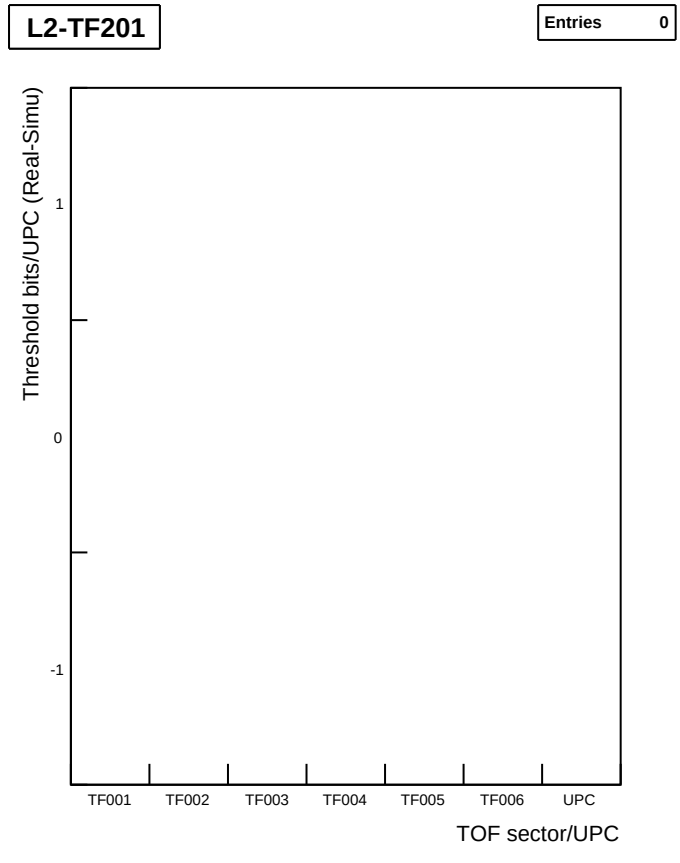

MIX-TF101
Entries 1740768
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

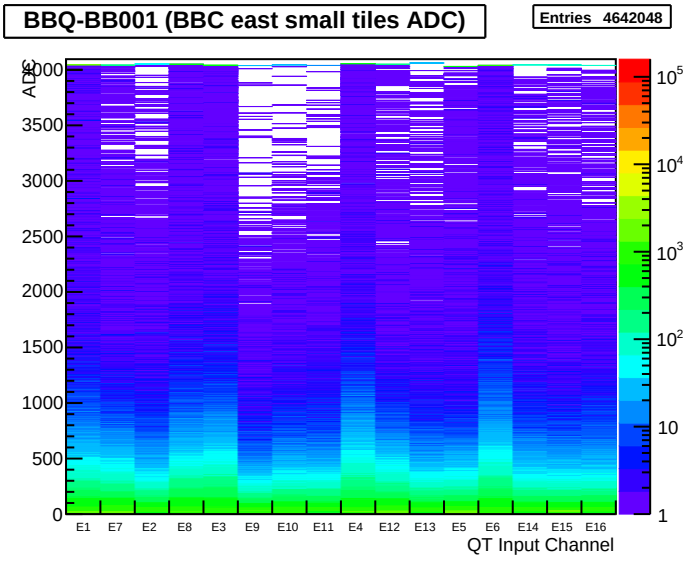

MIX-TF101
Entries 178188
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

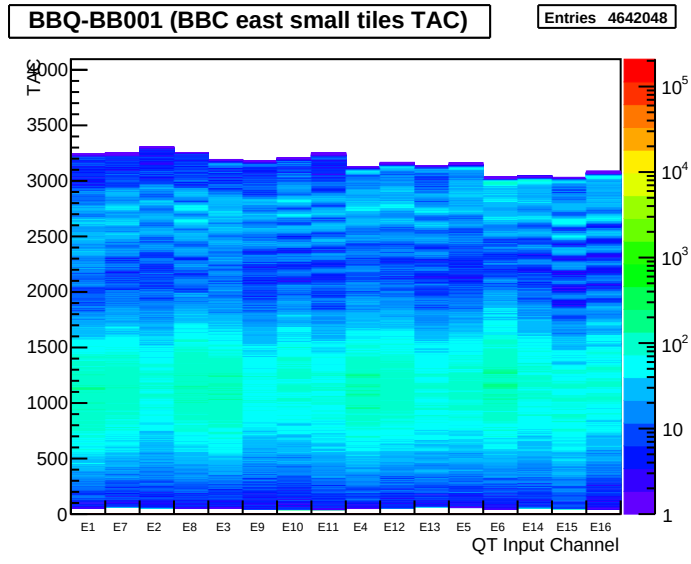

L2-TF201
Entries 290128
TOF total mult

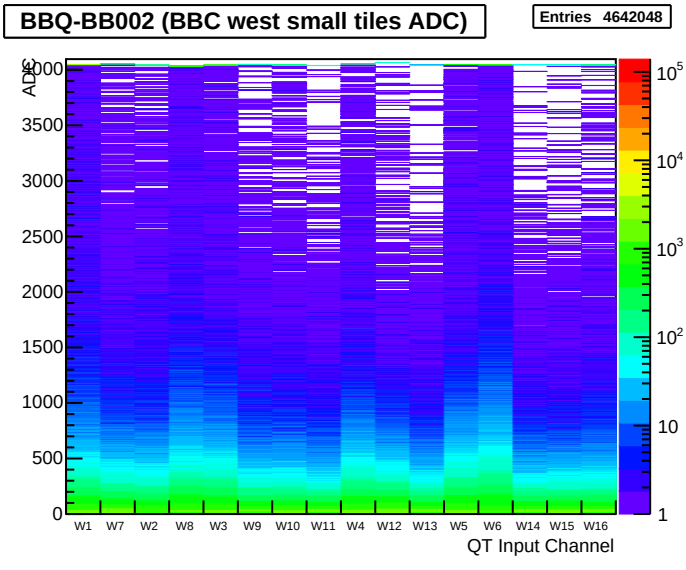

L2-TF201
Entries 0
TOF total mult(Real-Simu)

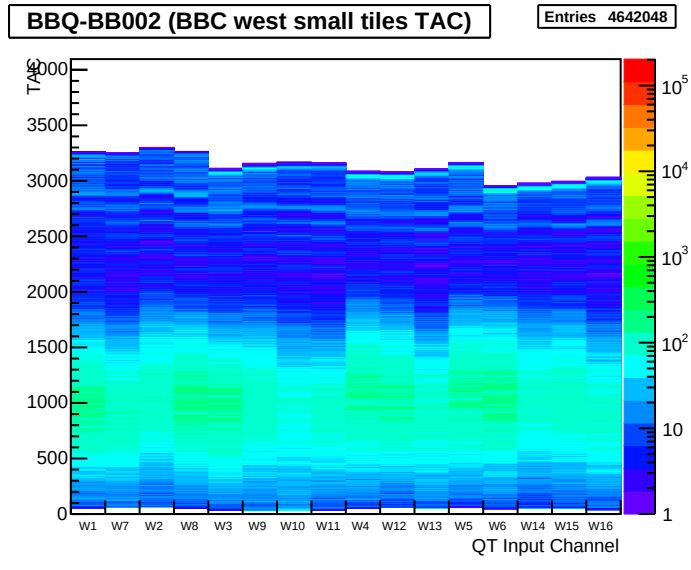

L2-TF201
Entries 2030896
Threshold/UPC bits
256155
258668
256604
258340
257357
254203
277608
33973
31460
33524
31788
32771
35925
12520
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

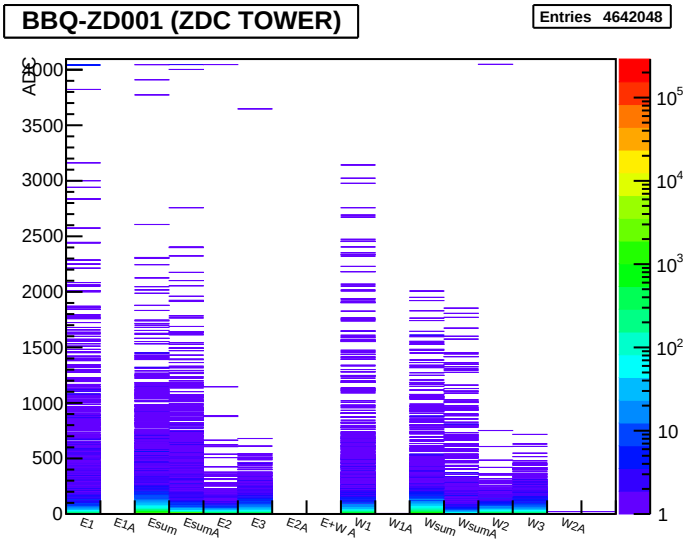

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

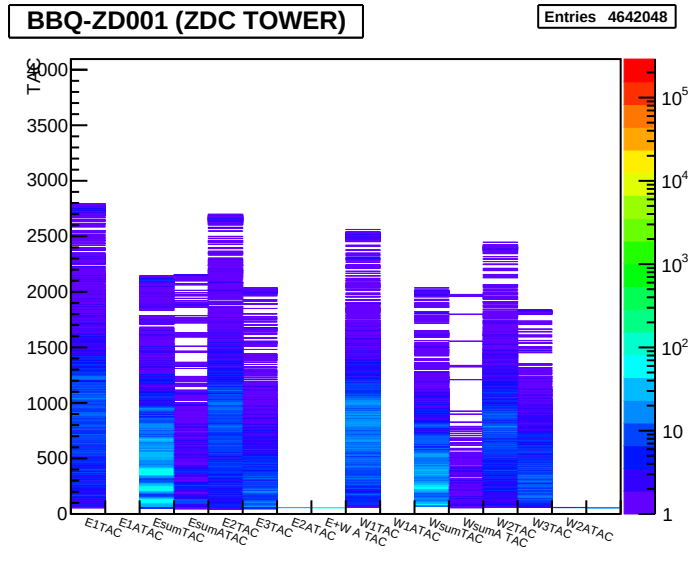

BBQ-BB001 (BBC east small tiles ADC)
Entries 4642048
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

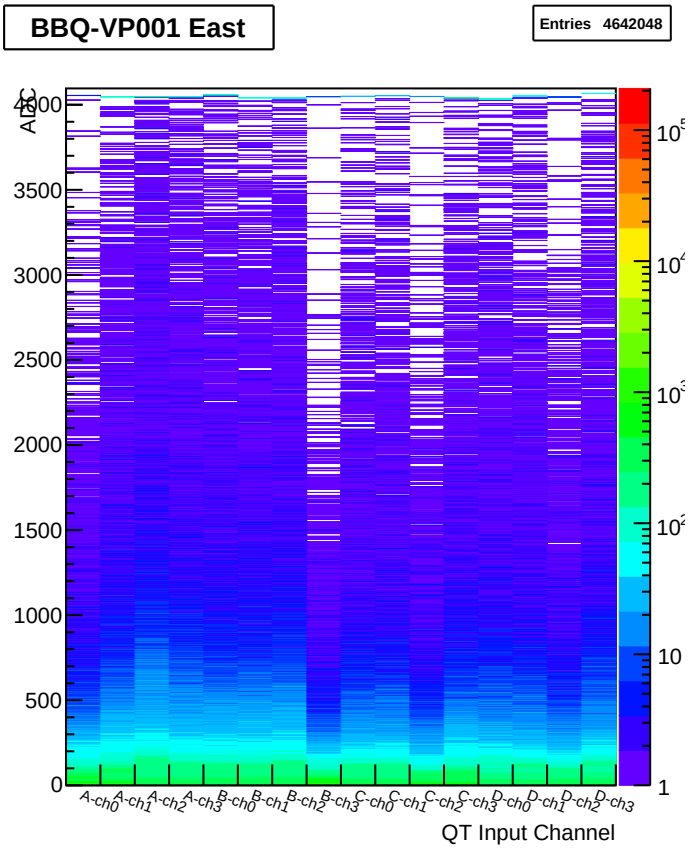

BBQ-BB001 (BBC east small tiles TAC)
Entries 4642048
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

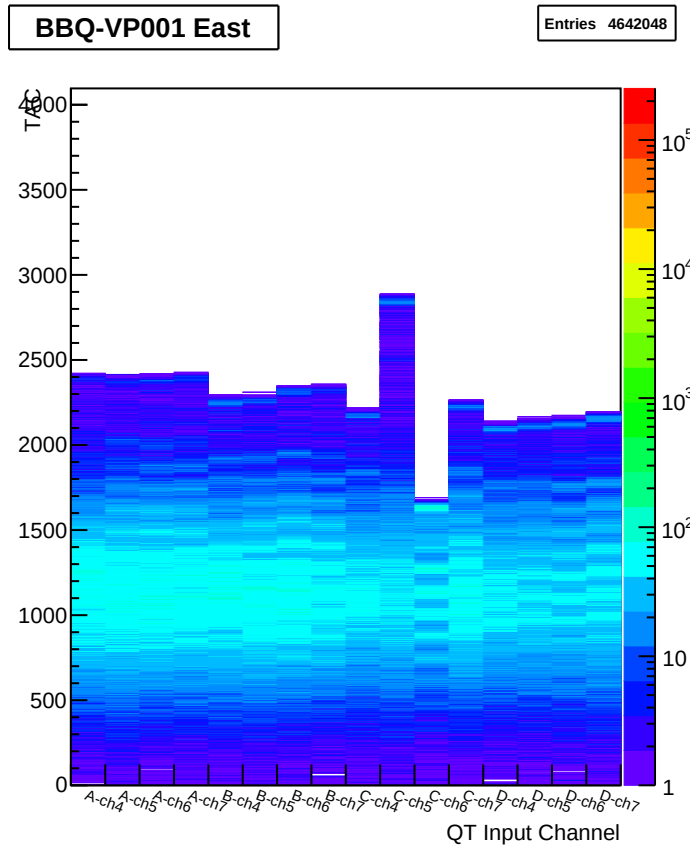

BBQ-BB002 (BBC west small tiles ADC)
Entries 4642048
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

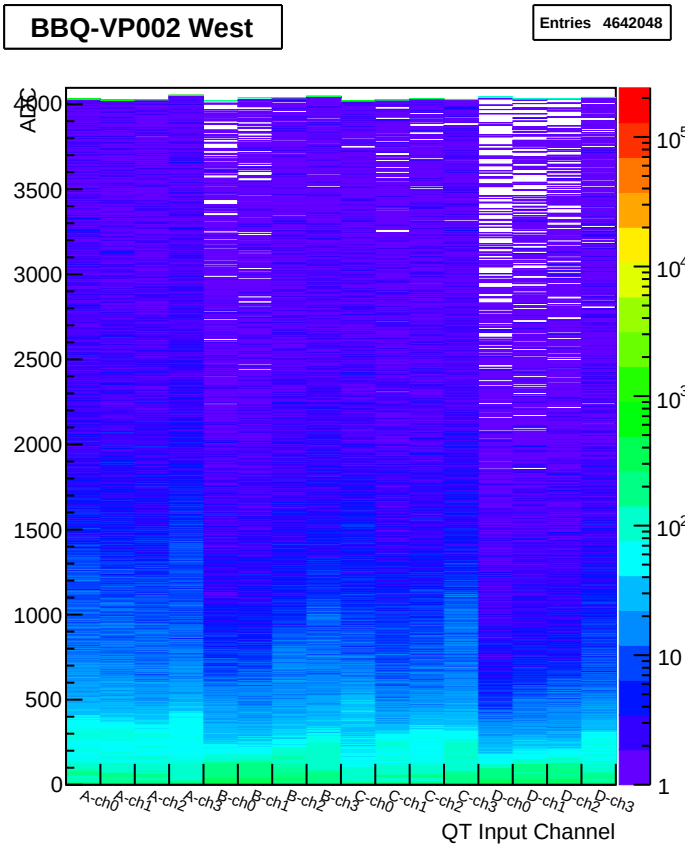

BBQ-BB002 (BBC west small tiles TAC)
Entries 4642048
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

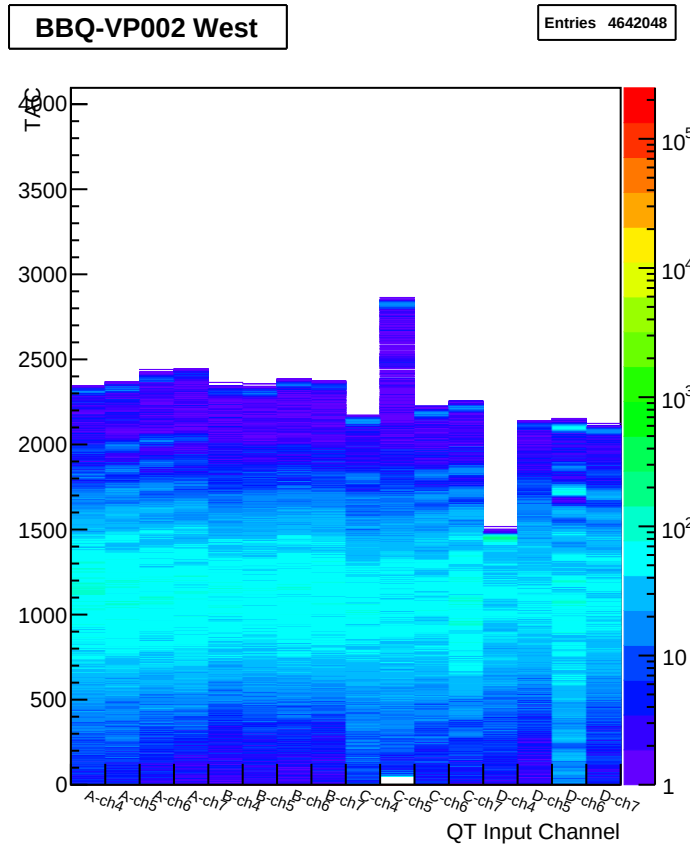

BBQ-ZD001 (ZDC TOWER)
Entries 4642048
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

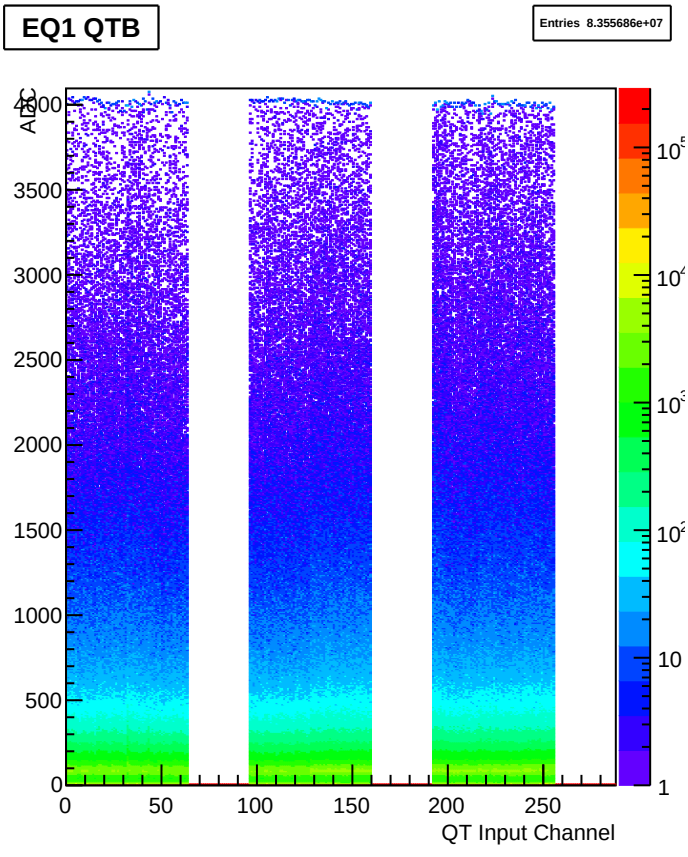

BBQ-ZD001 (ZDC TOWER)
Entries 4642048
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

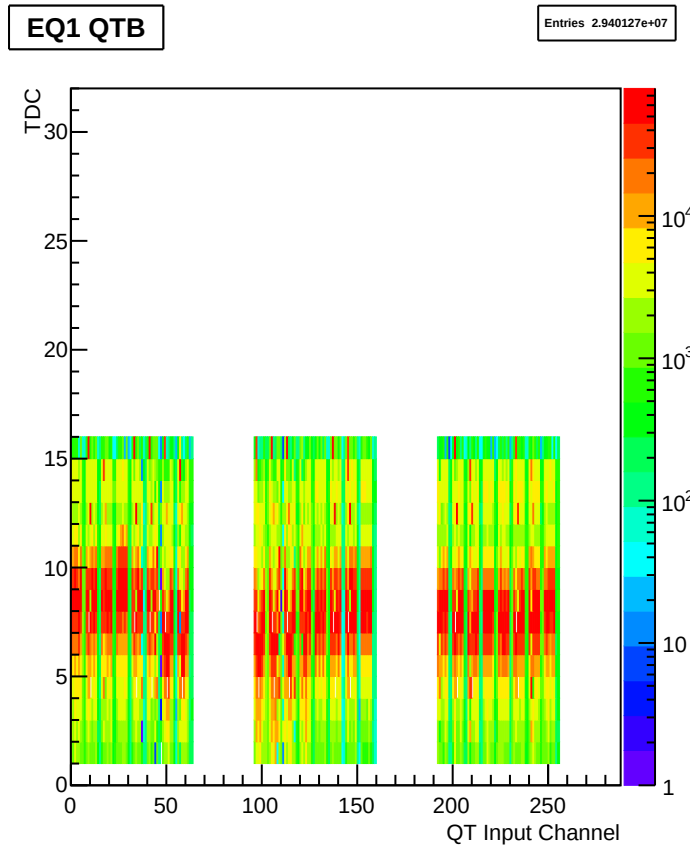

BBQ-VP001 East
Entries 4642048
ADC
QT Input Channel

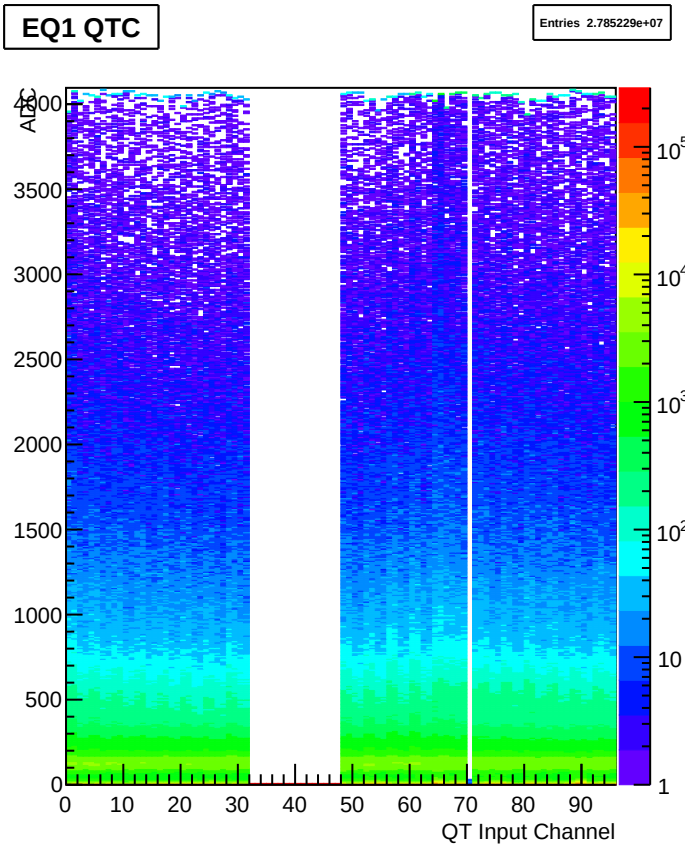

BBQ-VP001 East
Entries 4642048
TADC
QT Input Channel

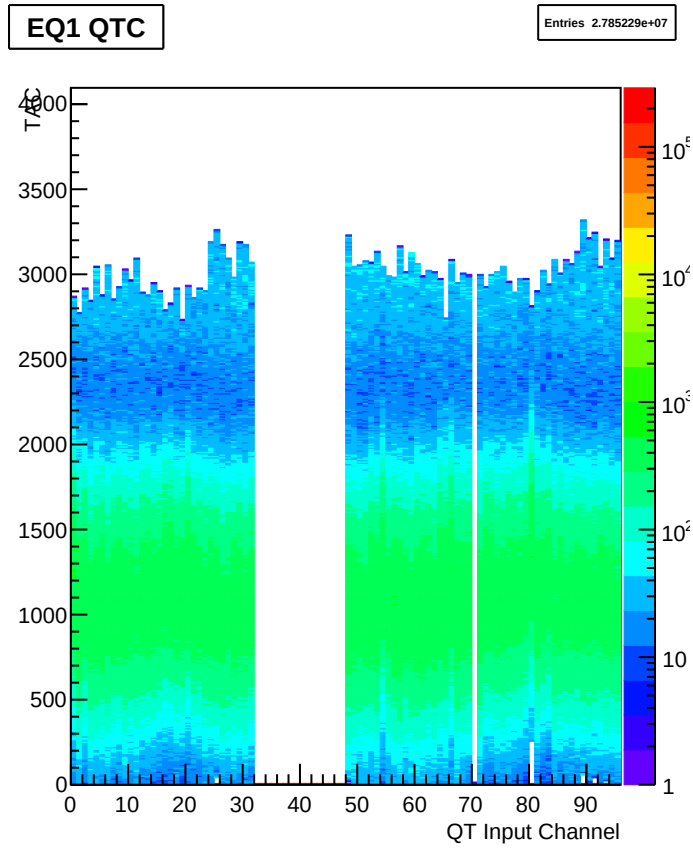

BBQ-VP002 West
Entries 4642048
ADC
QT Input Channel

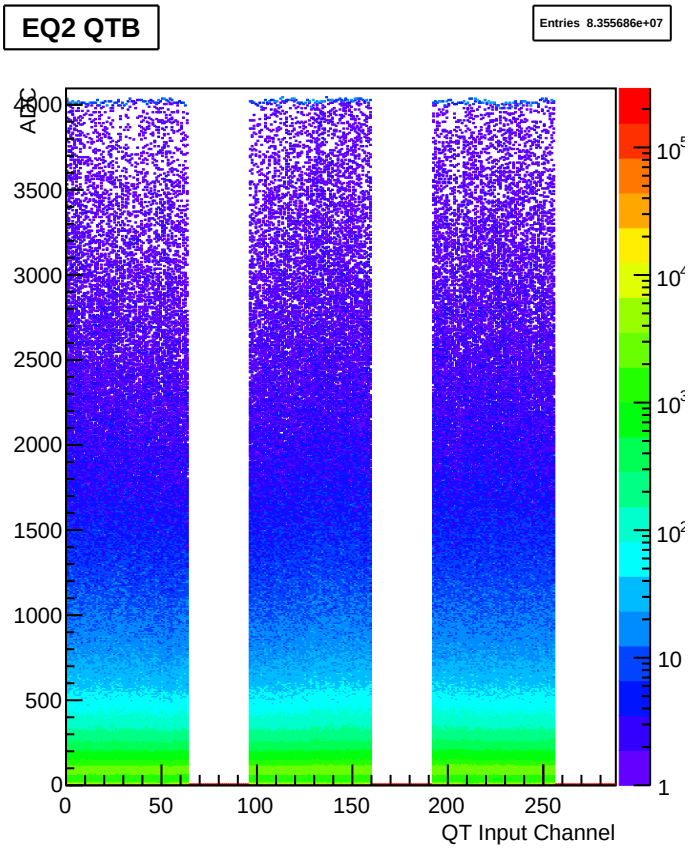

BBQ-VP002 West
Entries 4642048
TADC
QT Input Channel

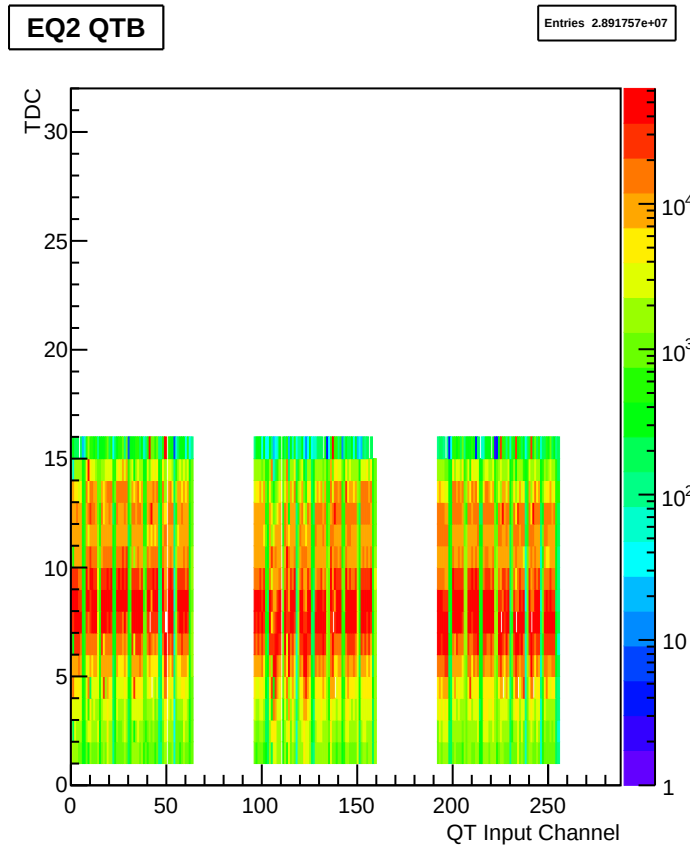

EQ1 QTB
Entries 8.355686e+07
ADC
QT Input Channel

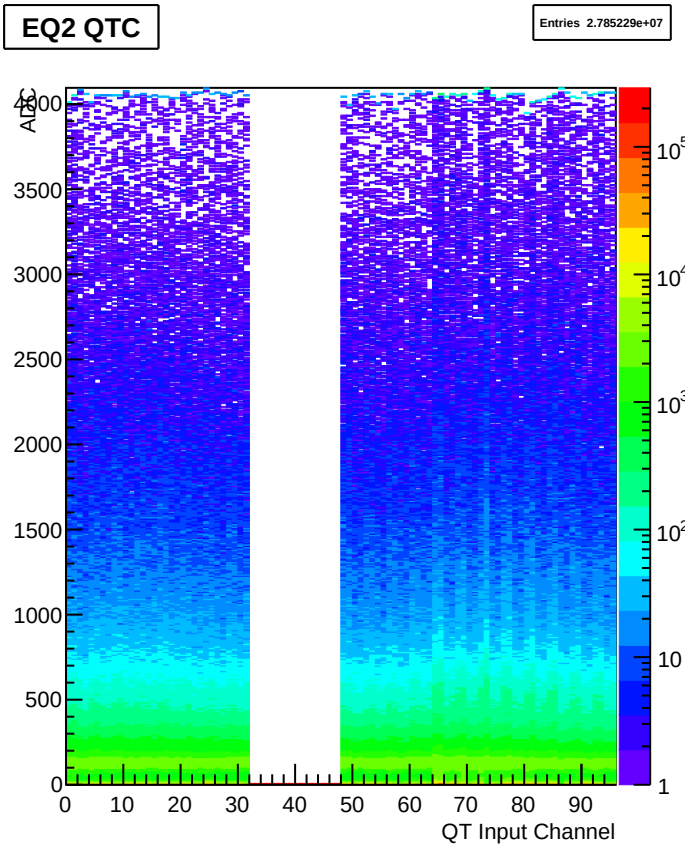

EQ1 QTB
Entries 2.940127e+07
TDC
QT Input Channel

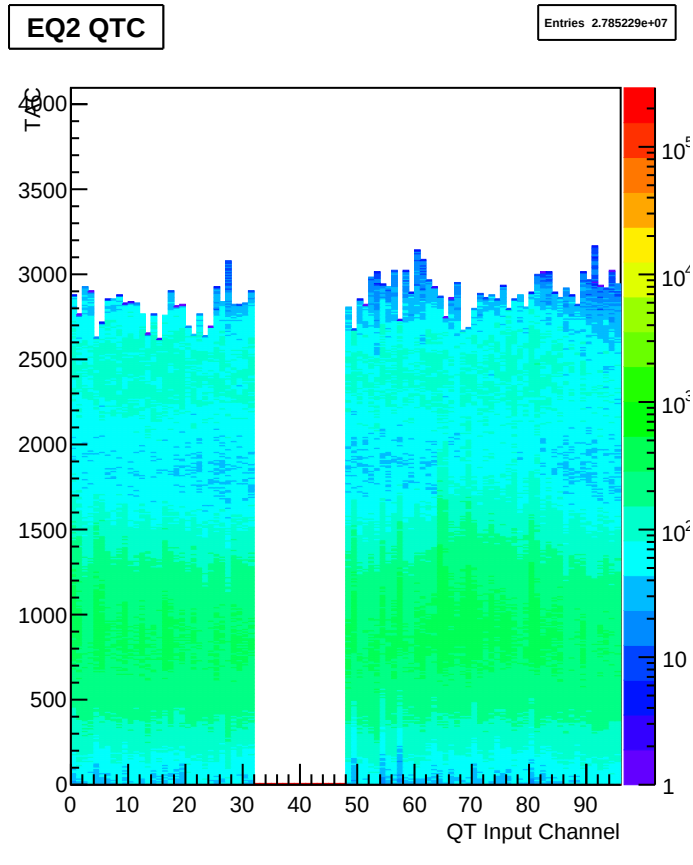

EQ1 QTC
Entries 2.785229e+07
ADC
QT Input Channel

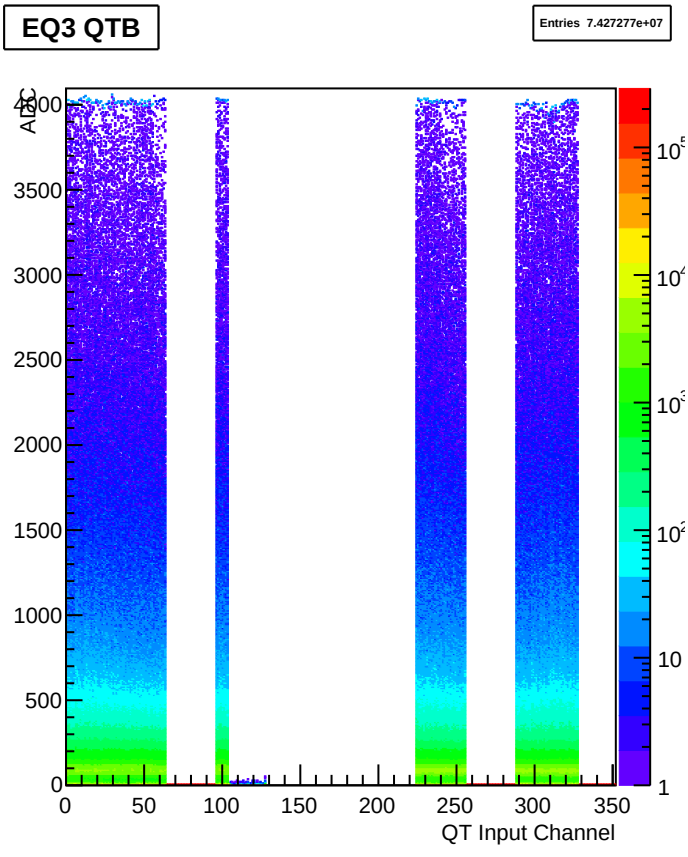

EQ1 QTC
Entries 2.785229e+07
TADC
QT Input Channel

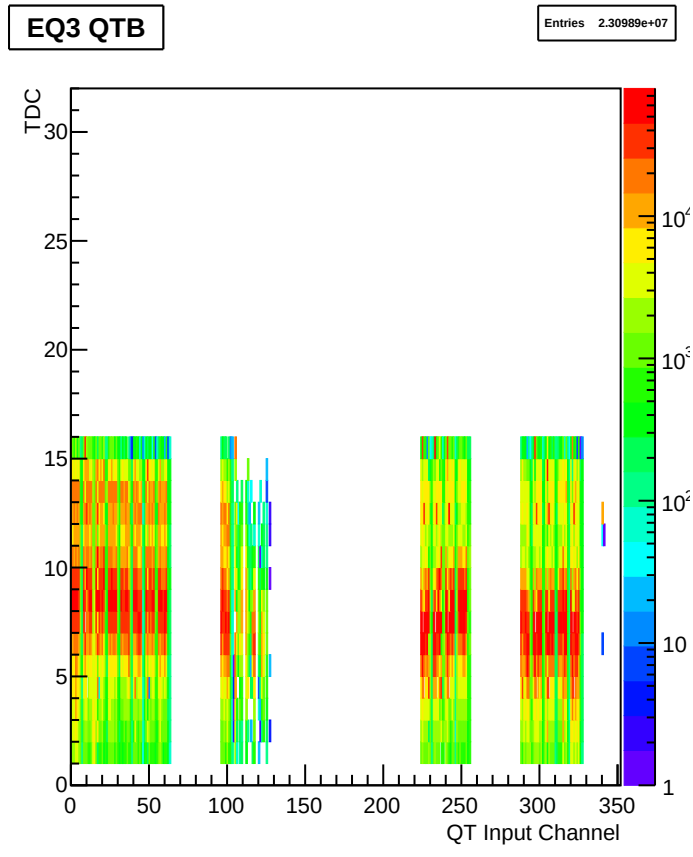

EQ2 QTB
Entries 8.355686e+07
ADC
QT Input Channel

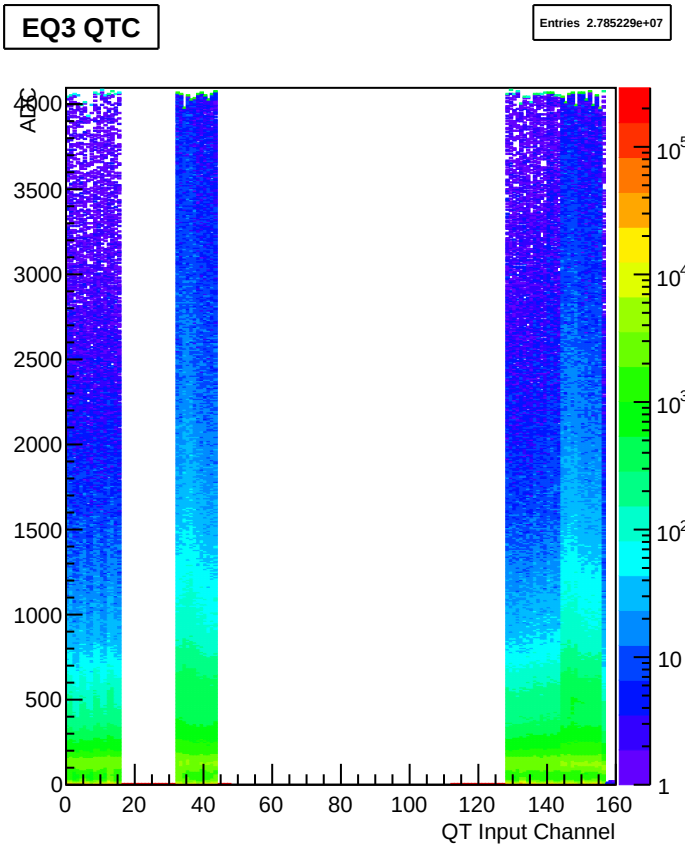

EQ2 QTB
Entries 2.891757e+07
TDC
QT Input Channel

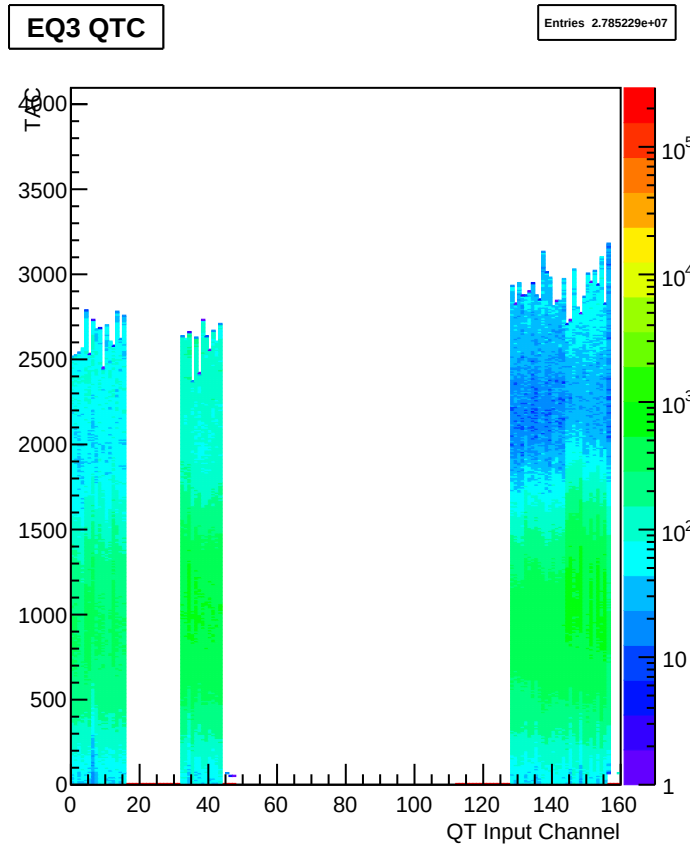

EQ2 QTC
Entries 2.785229e+07
ADC
QT Input Channel

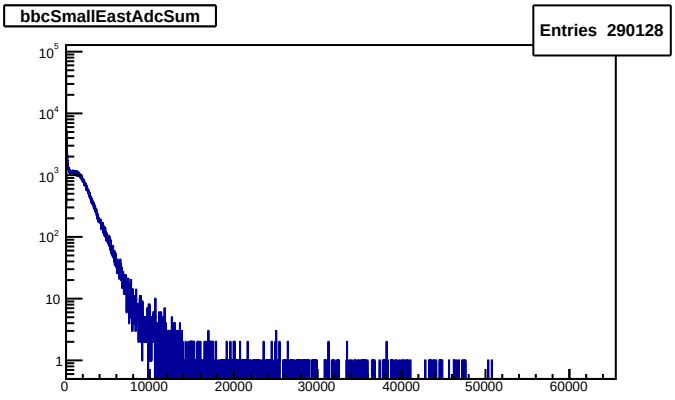

EQ2 QTC
Entries 2.785229e+07
TADC
QT Input Channel

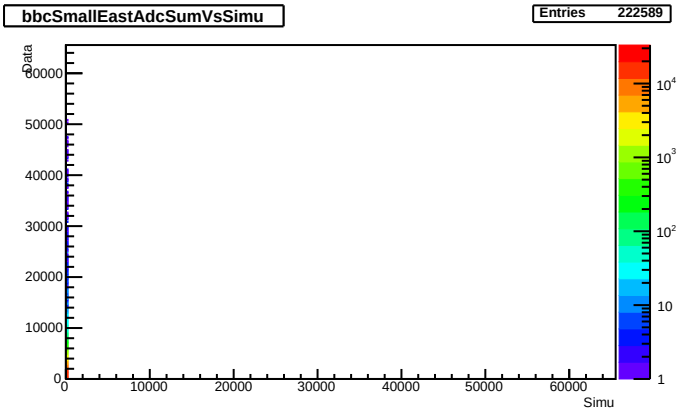

EQ3 QTB
Entries 7.427277e+07
ADC
QT Input Channel

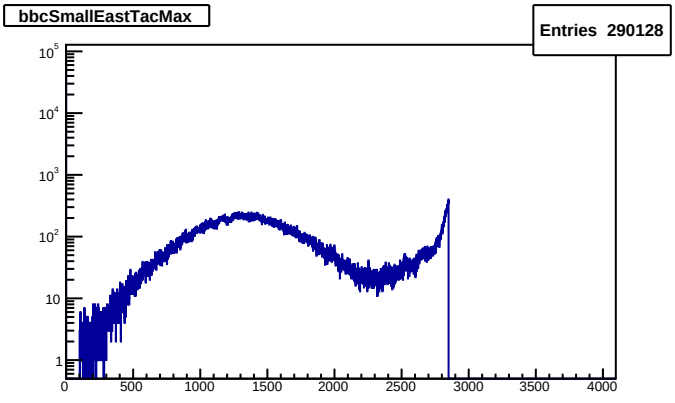

EQ3 QTB
Entries 2.30989e+07
TDC
QT Input Channel

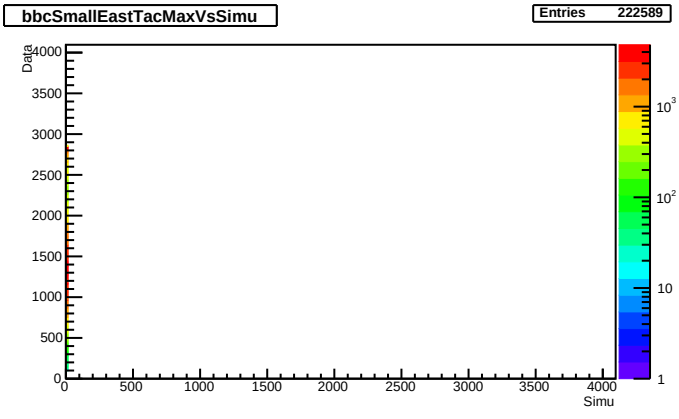

EQ3 QTC
Entries 2.785229e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.785229e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 290128


bbcSmallEastAdcSumVsSimu
Entries 222589
Data
Simu


bbcSmallEastTacMax
Entries 290128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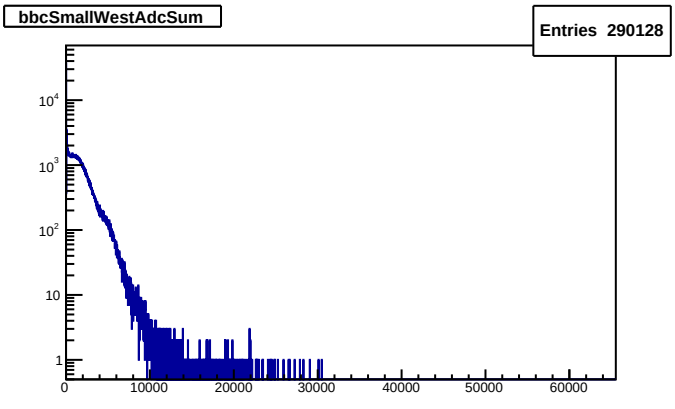
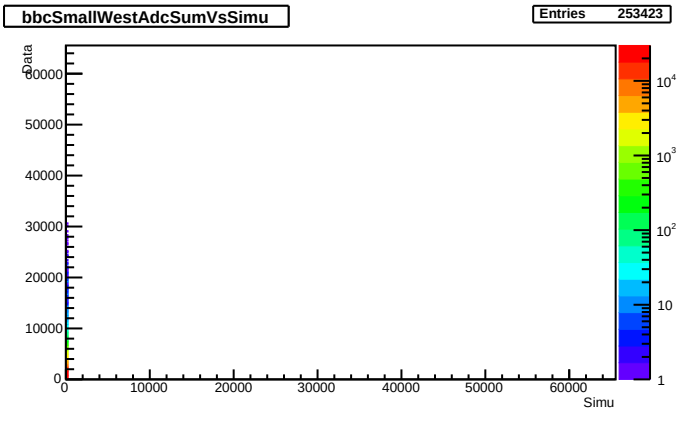
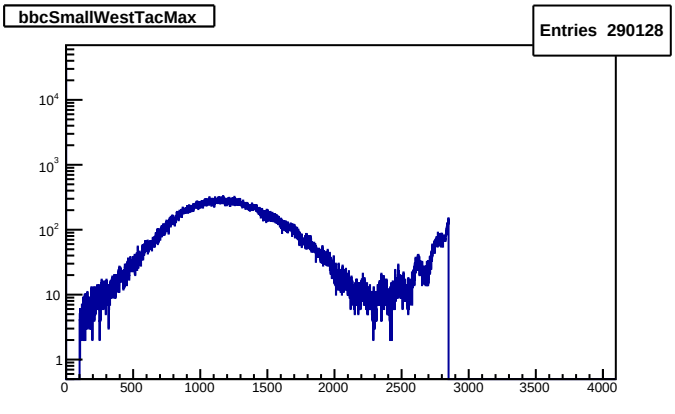
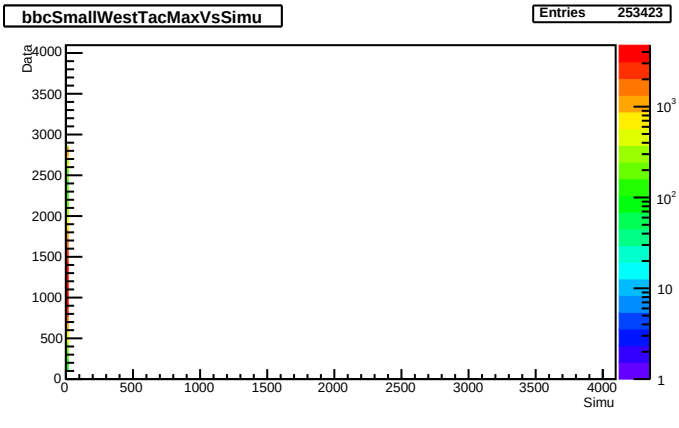
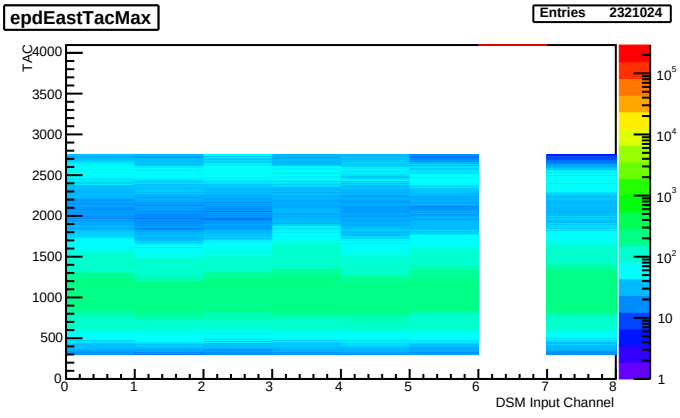
Entries 222589
Data
Simu

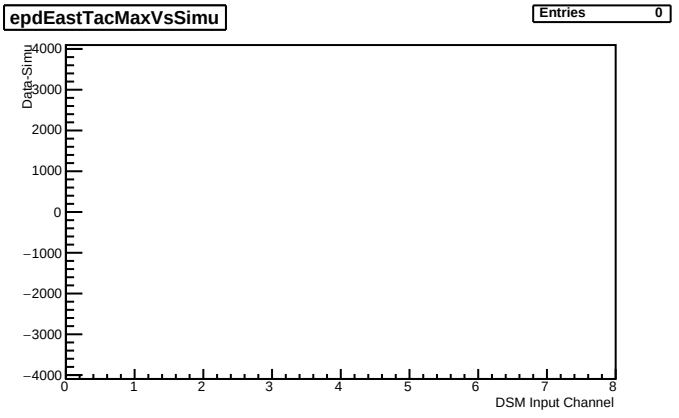

bbcSmallWestAdcSum
Entries 290128

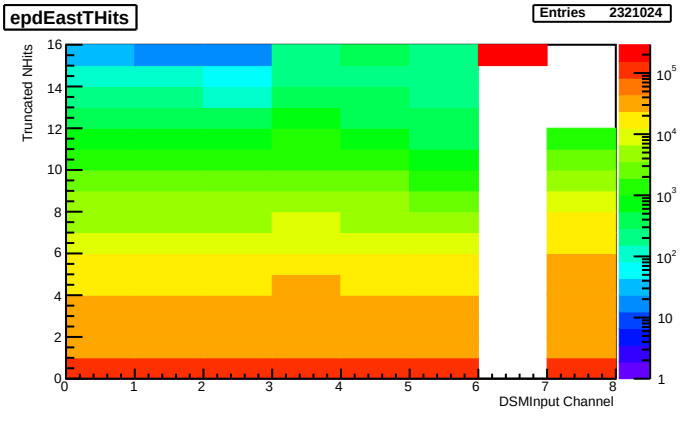

bbcSmallWestAdcSumVsSimu
Entries 253423
Data
Simu

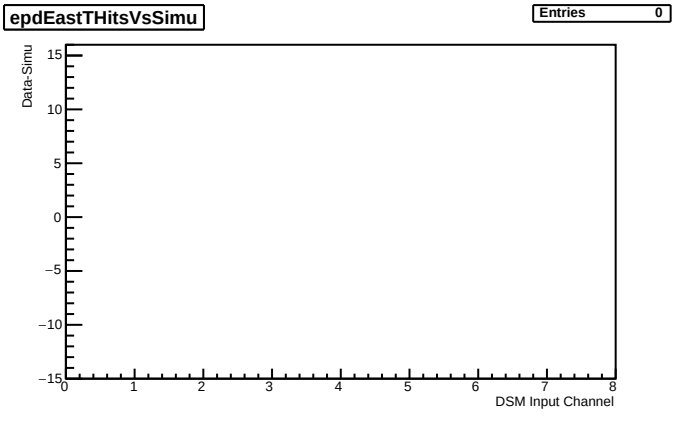

bbcSmallWestTacMax
Entries 290128


bbcSmallWestTacMaxVsSimu
Entries 253423
Data
Simu


epdEastTacMax
Entries 2321024
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2321024
Truncated NHits
DSMInput Channel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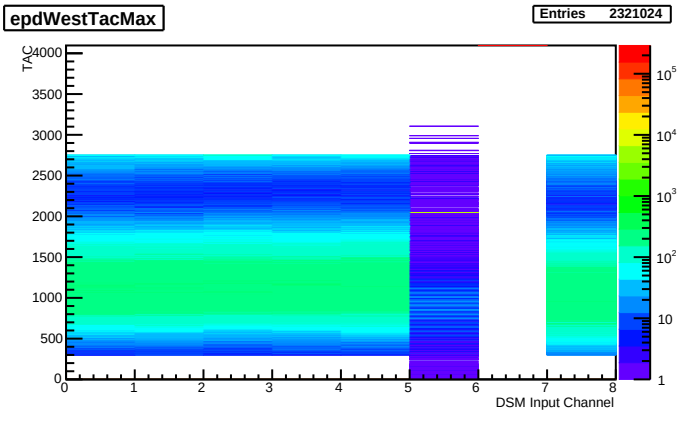
Entries 0
Data-Simu
DSM Input Channel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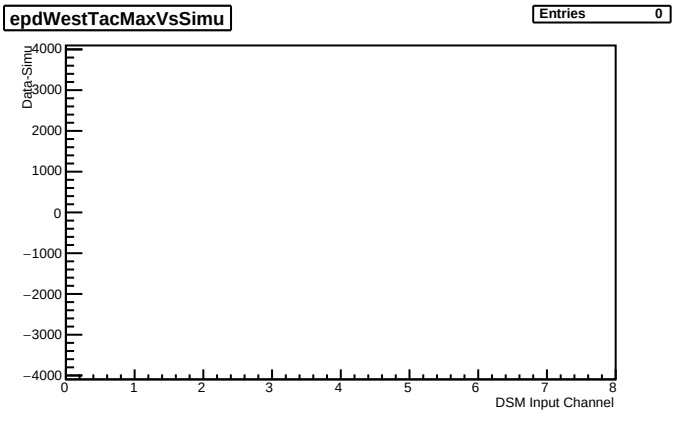
Entries 2321024
TAC
DSM Input Channel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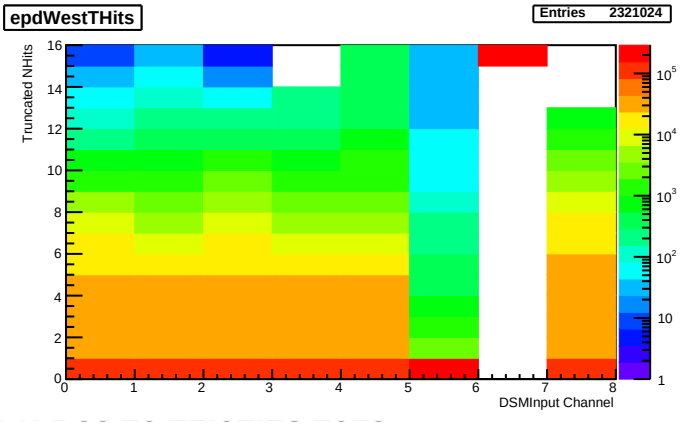
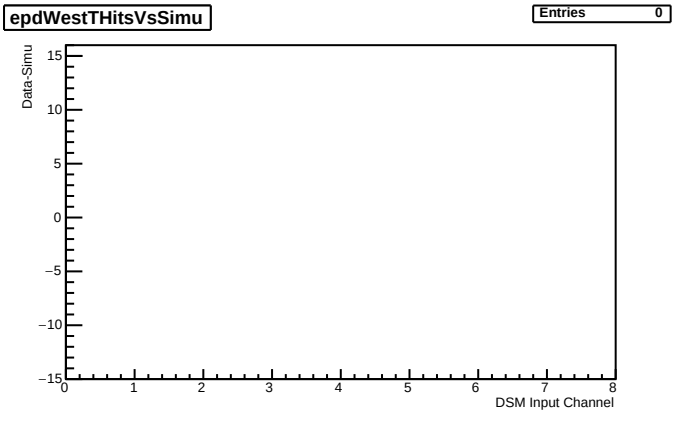
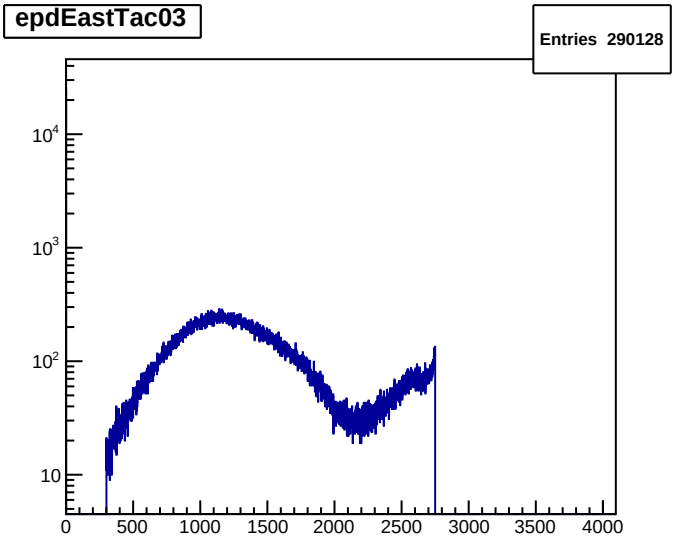
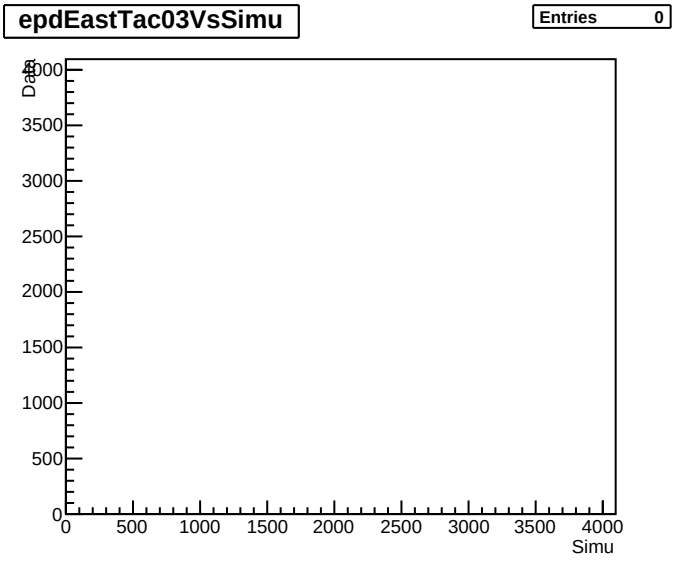
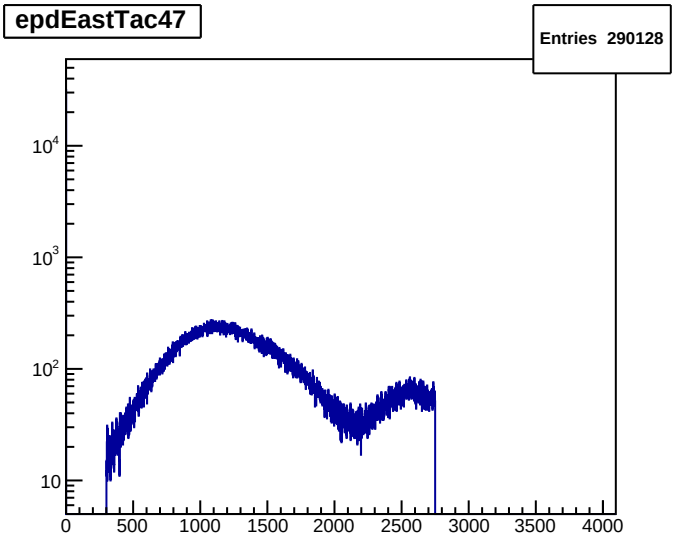
Data-Simu
DSM Input Channel

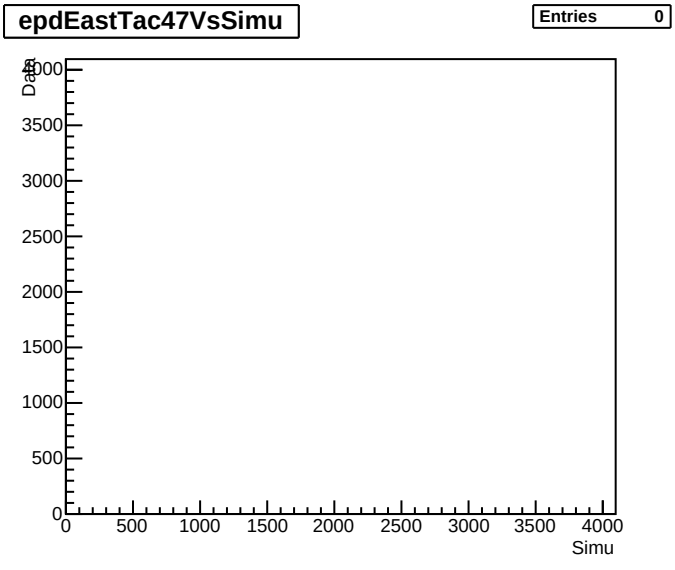

epdWestTHits
Entries 2321024
Truncated NHits
DSMInput Channel

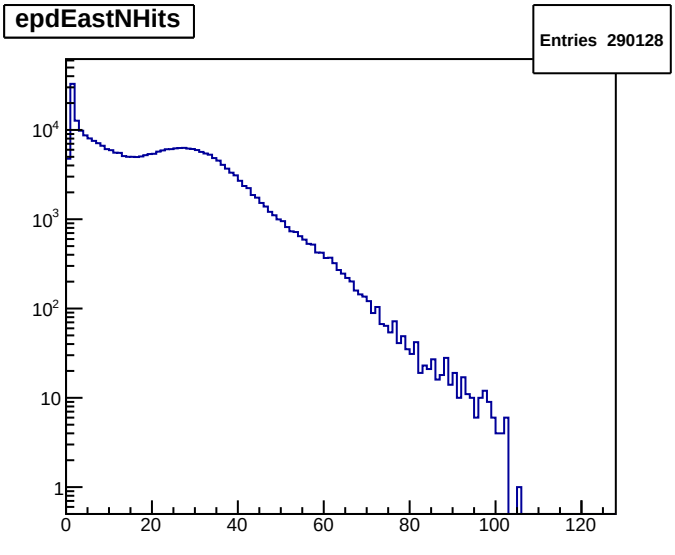

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

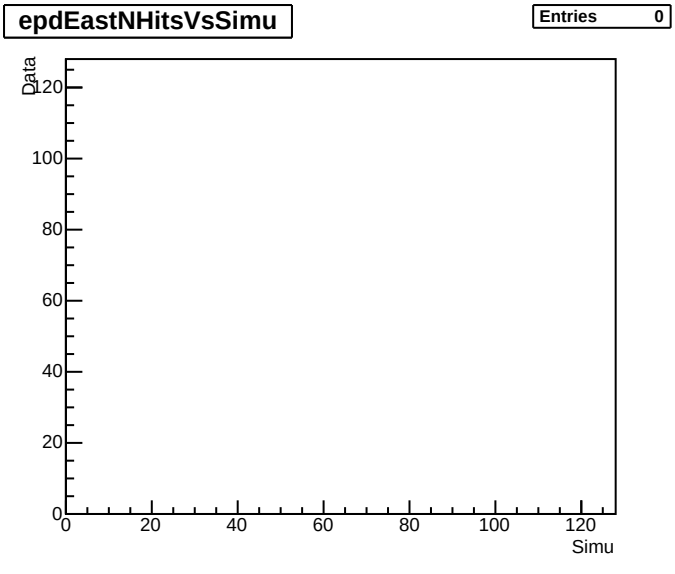

epdEastTac03
Entries 290128


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 290128


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 290128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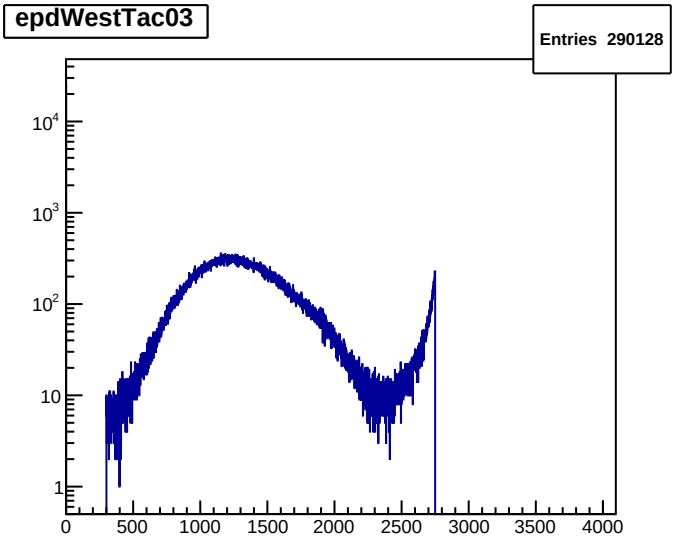
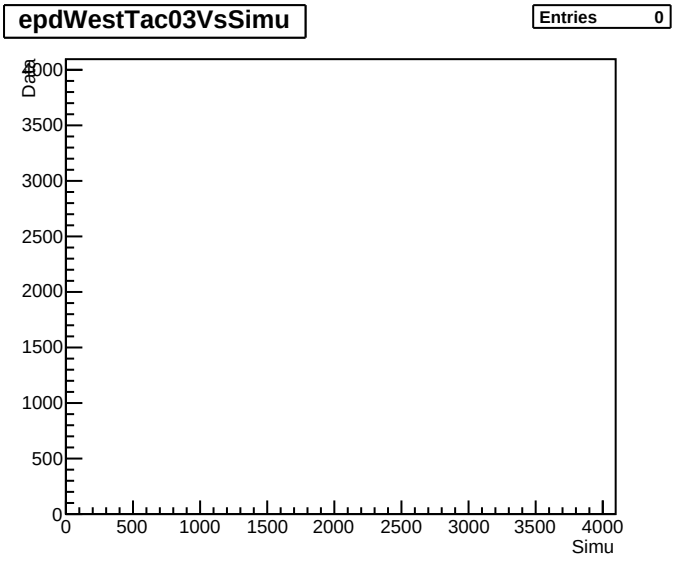
Entries 0
Data
Simu


epdWestTac03
Entries 290128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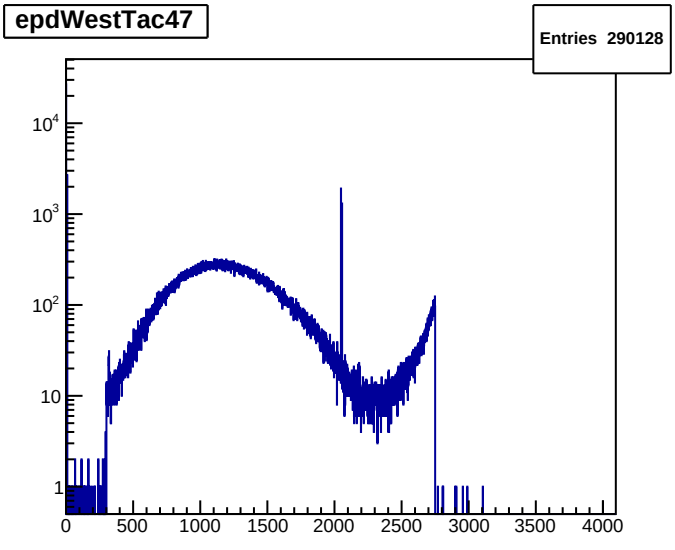
Entries 0
Data
Simu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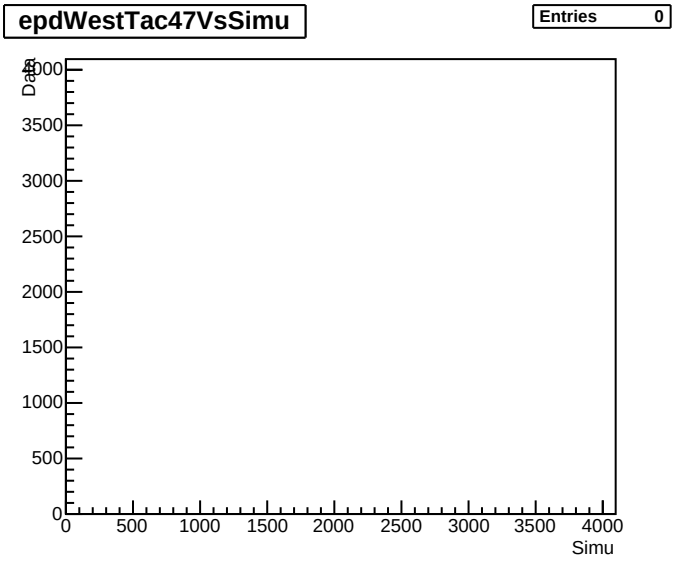
Entries 290128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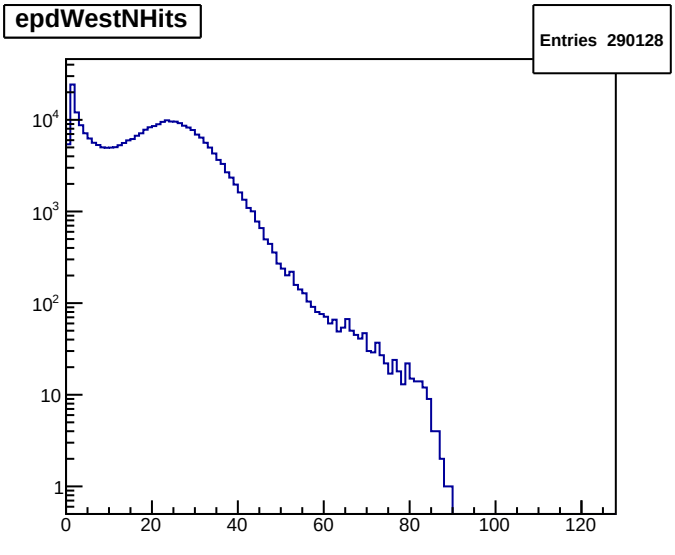
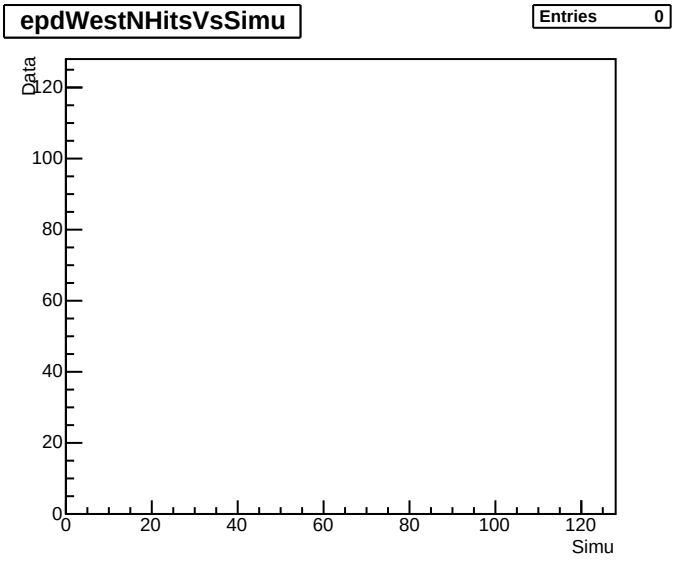
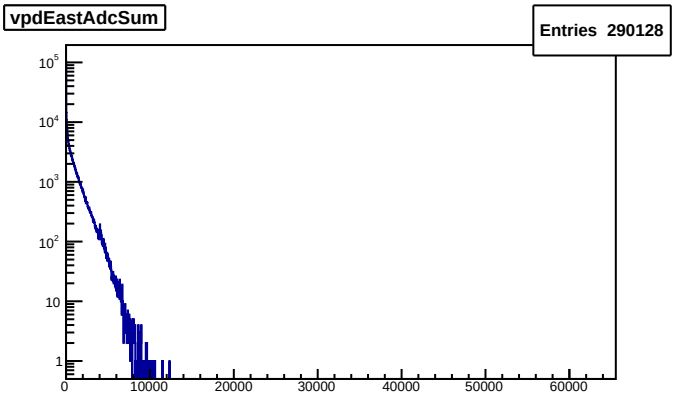
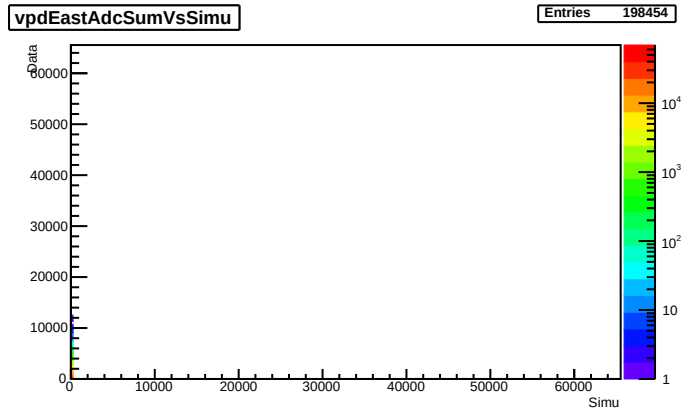
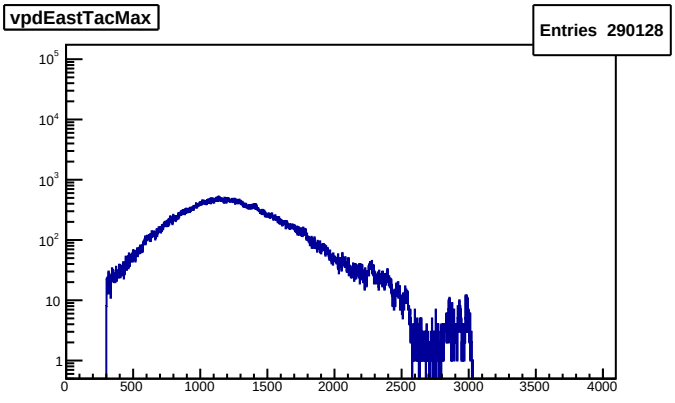
Entries 0
Data
Simu

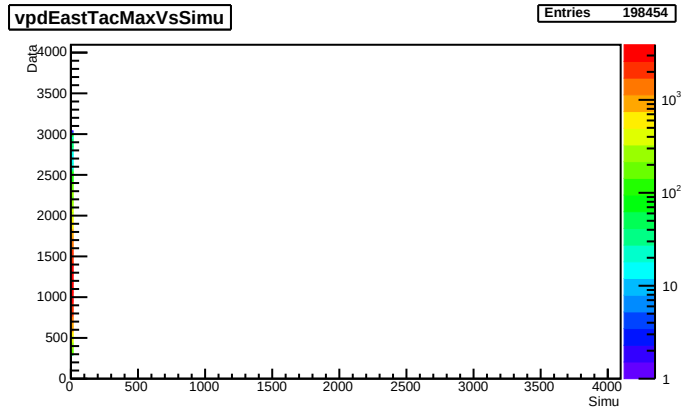

epdWestNHits
Entries 290128

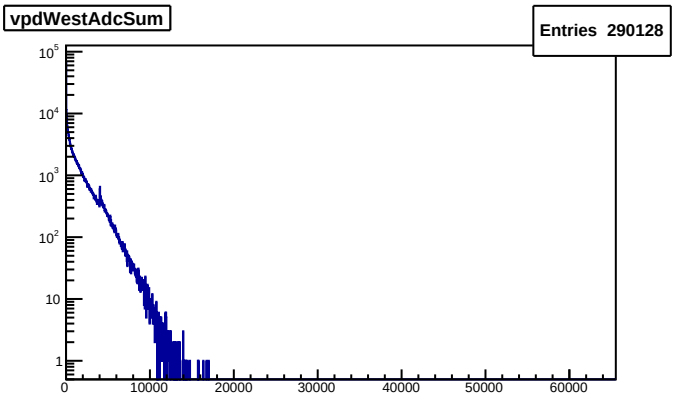

epdWestNHitsVsSimu
Entries 0
Data
Simu

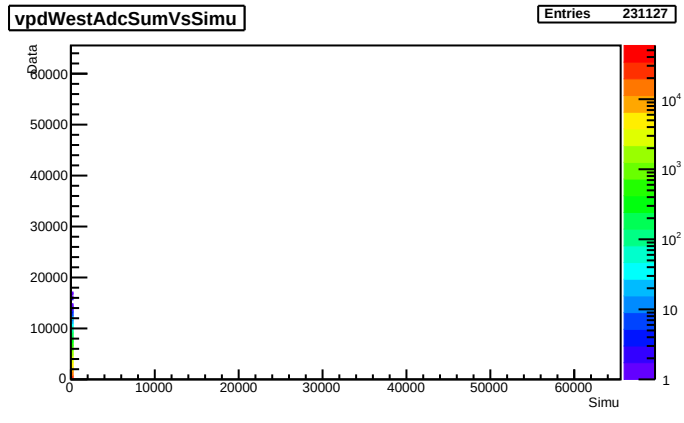

vpdEastAdcSum
Entries 290128

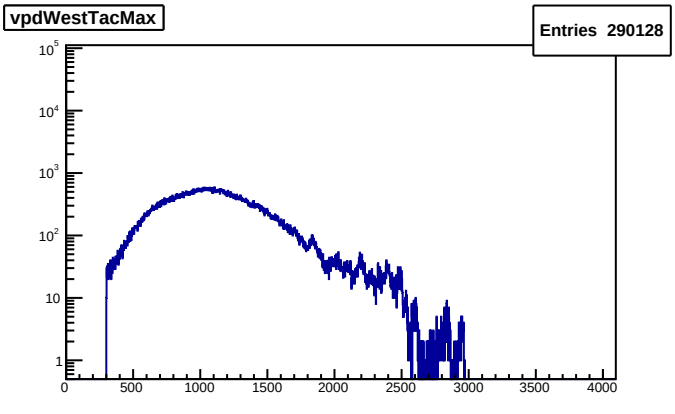

vpdEastAdcSumVsSimu
Entries 198454
Data
Simu

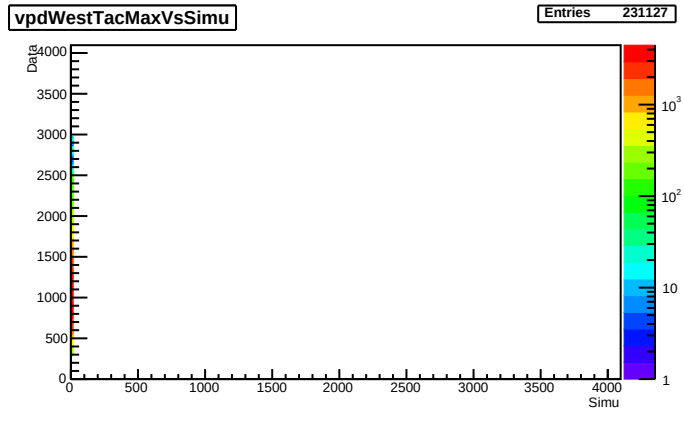

vpdEastTacMax
Entries 290128

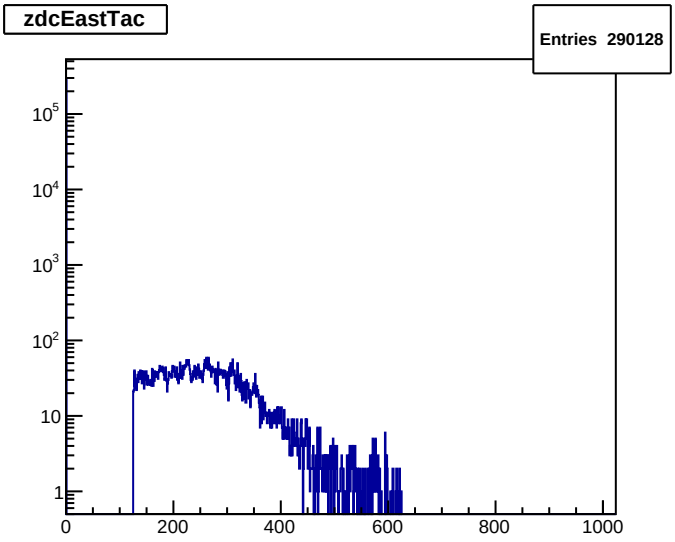

vpdEastTacMaxVsSimu
Entries 198454
Data
Simu

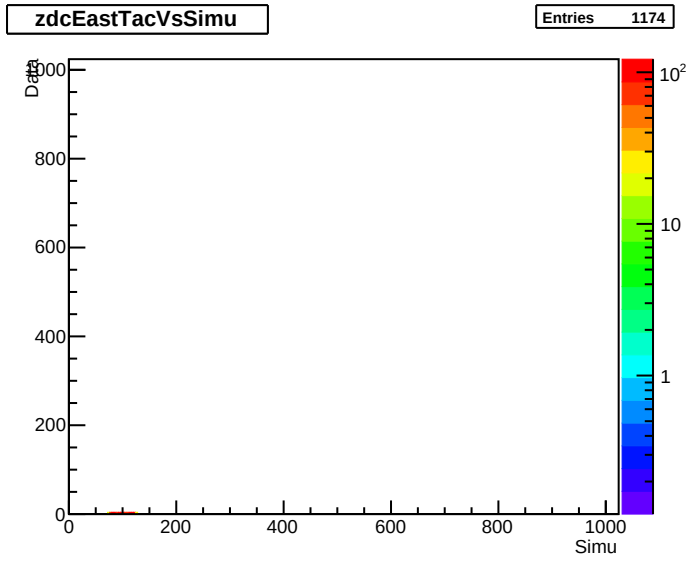

vpdWestAdcSum
Entries 290128

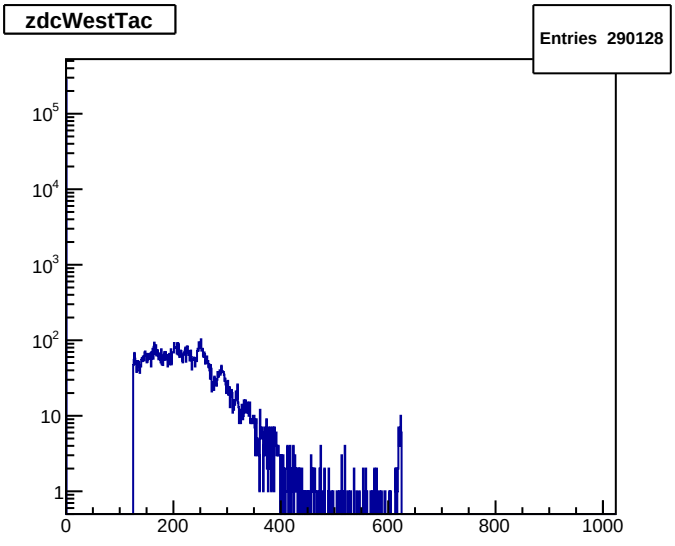

vpdWestAdcSumVsSimu
Entries 231127
Data
Simu

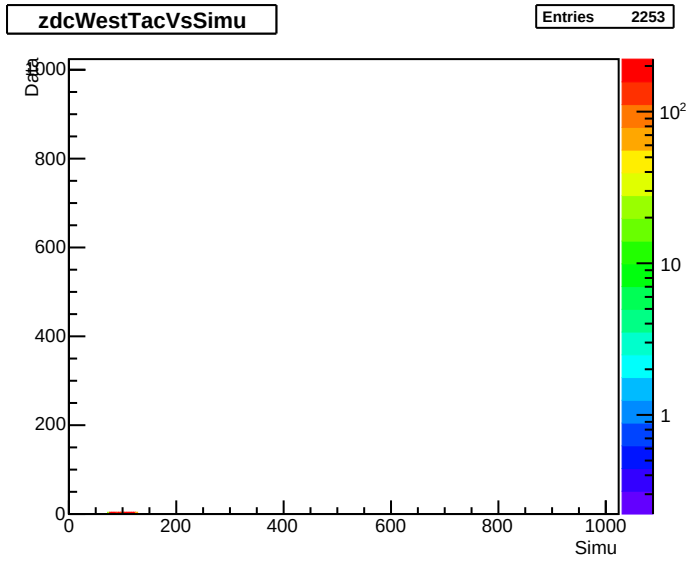

vpdWestTacMax
Entries 290128

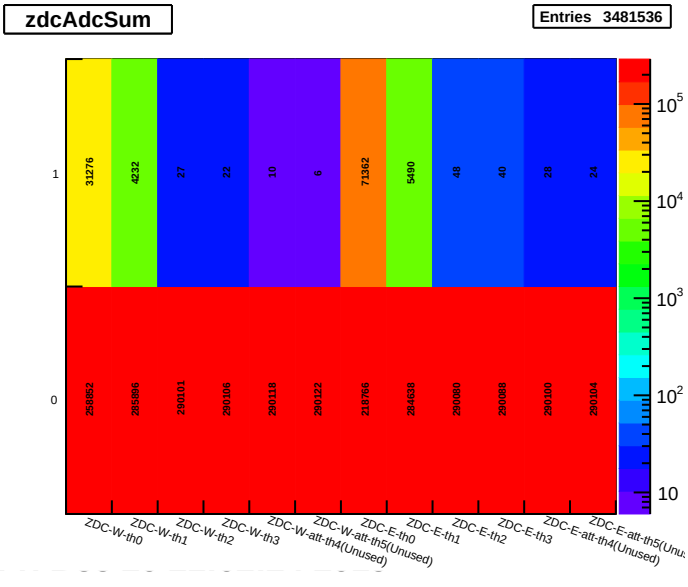

vpdWestTacMaxVsSimu
Entries 231127
Data
Simu

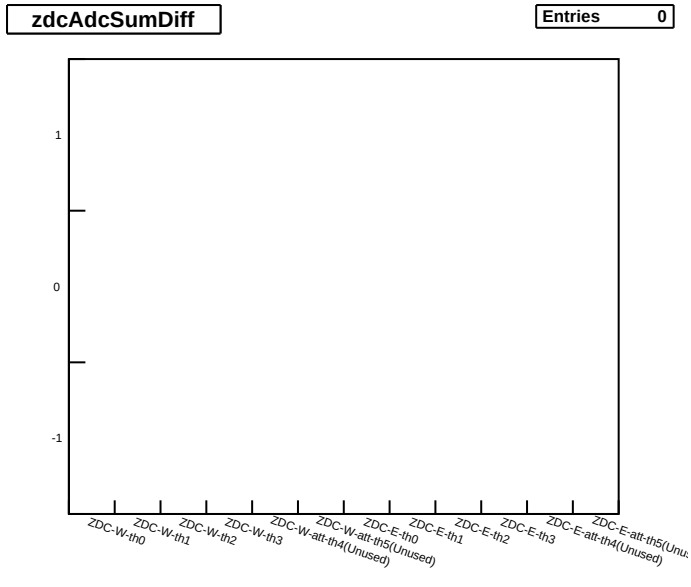

zdcEastTac
Entries 290128

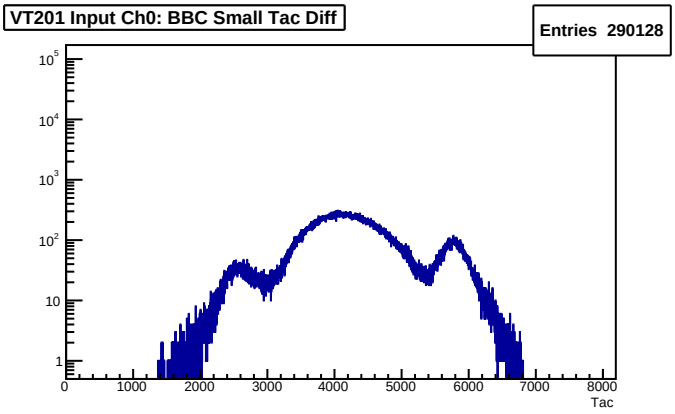

zdcEastTacVsSimu
Entries 1174
Data
Simu

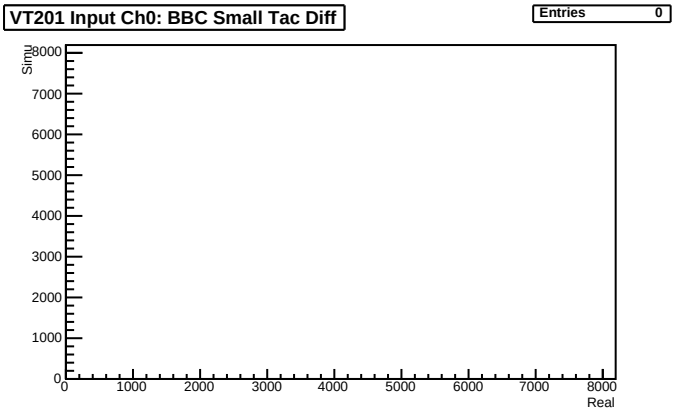

zdcWestTac
Entries 290128

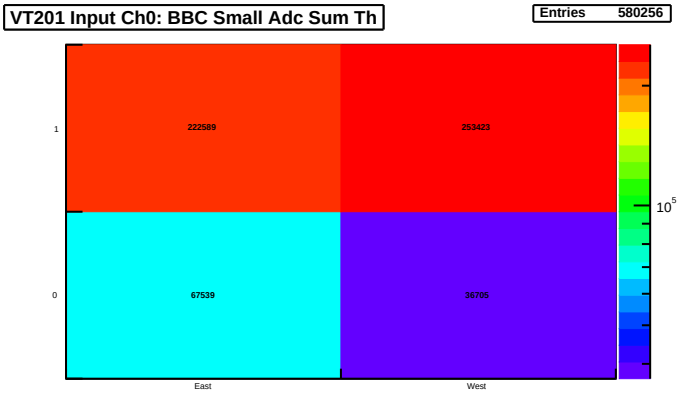

zdcWestTacVsSimu
Entries 2253
Data
Simu

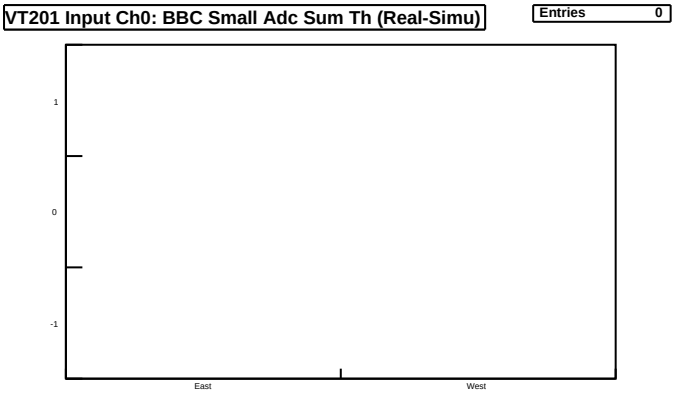

zdcAdcSum
Entries 3481536
31276
4232
27
22
10
6
71362
5490
48
40
28
24
258852
285896
290101
290106
290118
290122
218766
284638
290080
290088
290100
290104
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

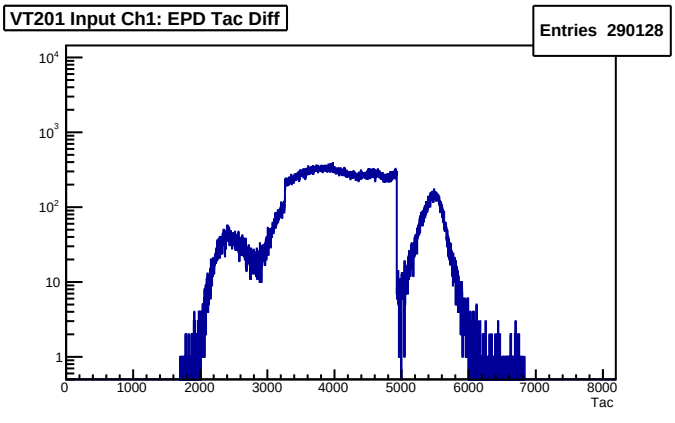

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

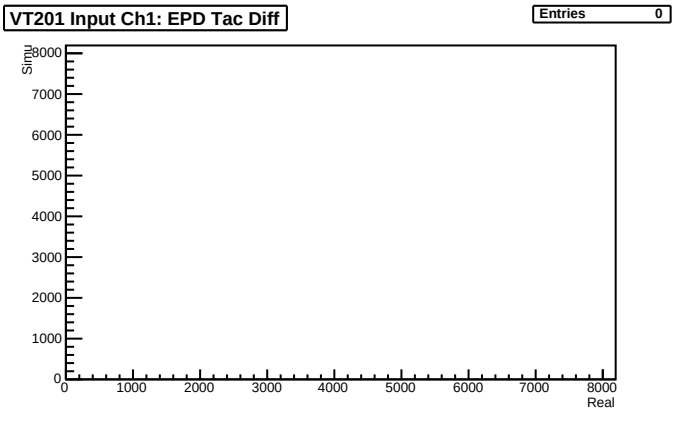

VT201 Input Ch0: BBC Small Tac Diff
Entries 290128
Tac

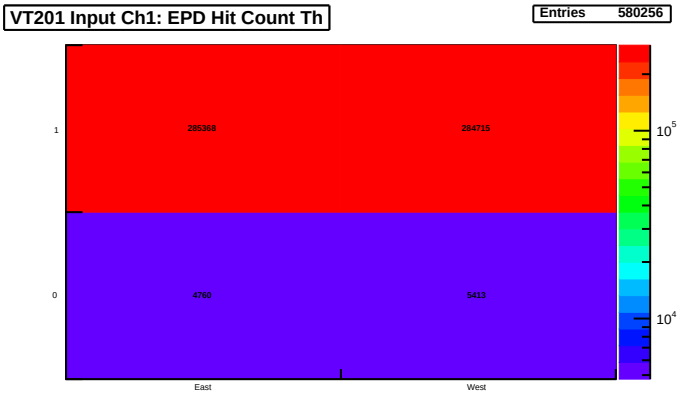

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

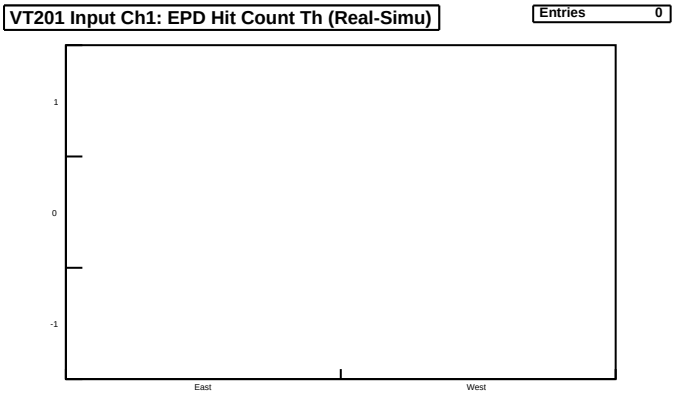

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 580256
222589
253423
67539
36705
East
West

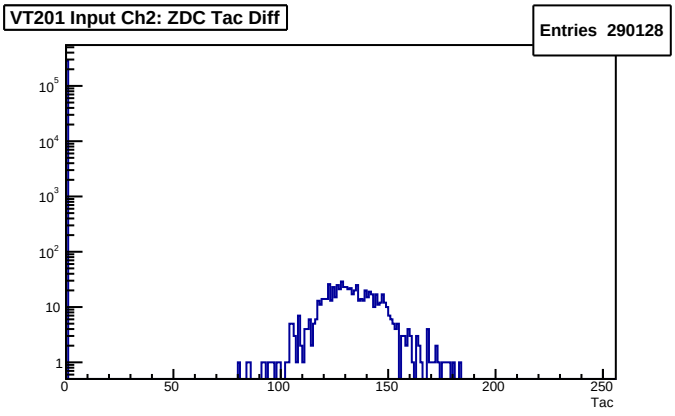

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

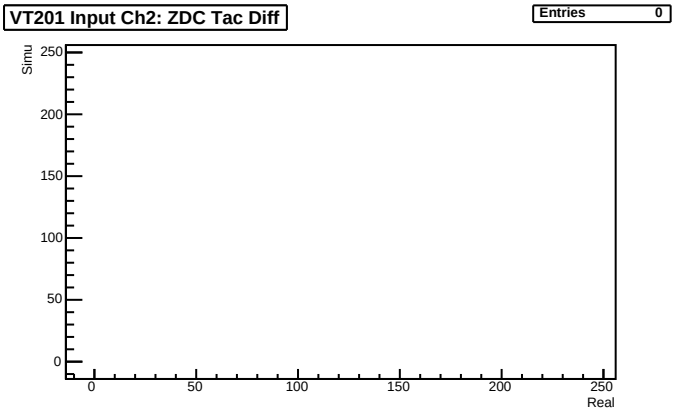

VT201 Input Ch1: EPD Tac Diff
Entries 290128
Tac

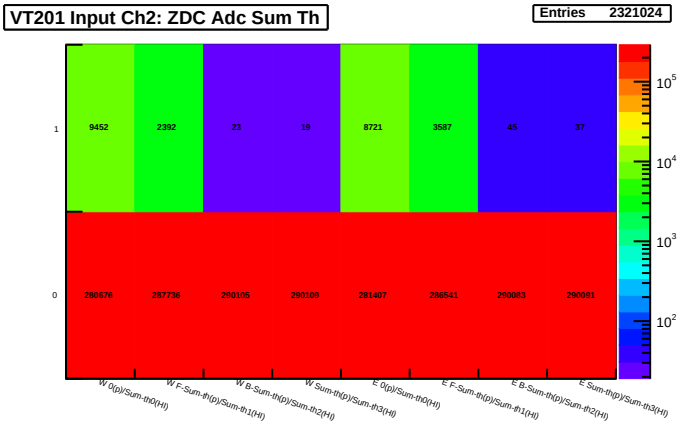

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

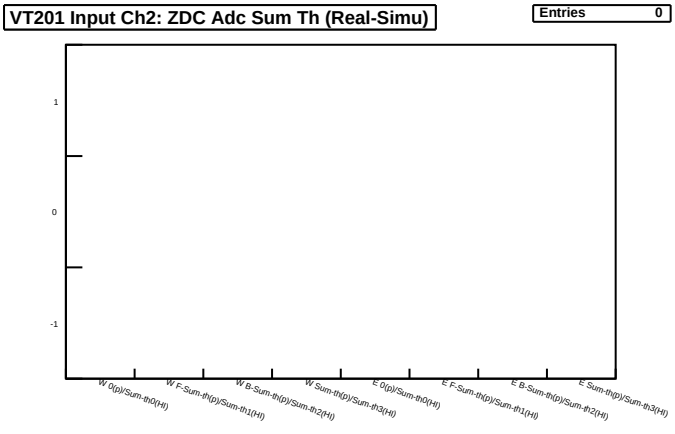

VT201 Input Ch1: EPD Hit Count Th
Entries 580256
285368
284715
4760
5413
East
West

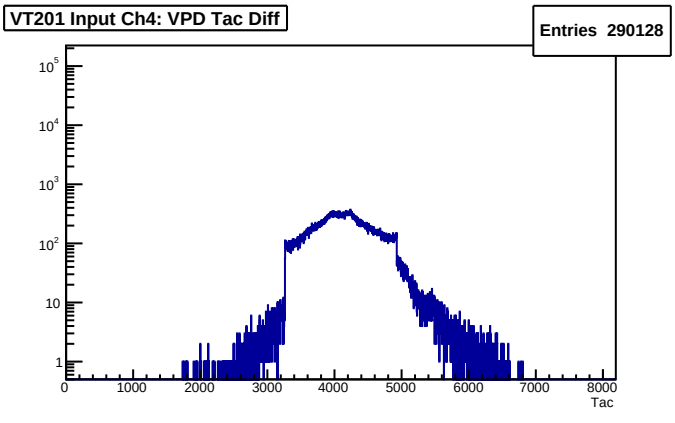

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

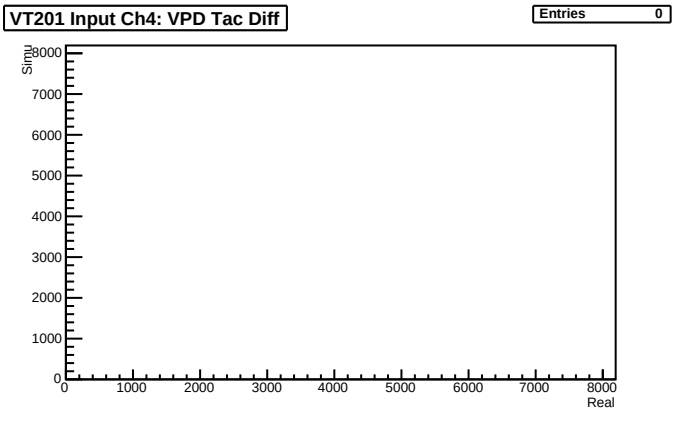

VT201 Input Ch2: ZDC Tac Diff
Entries 290128
Tac

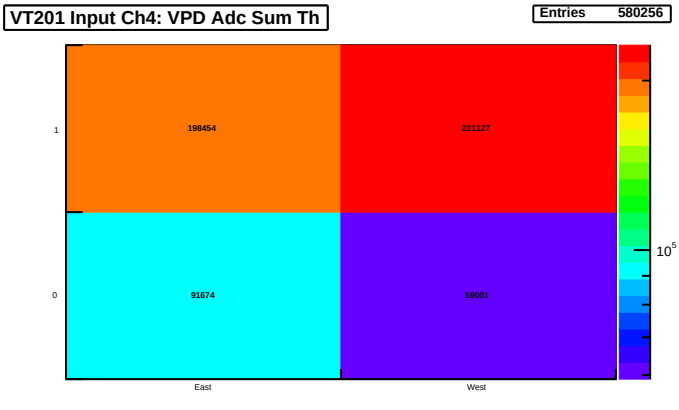

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

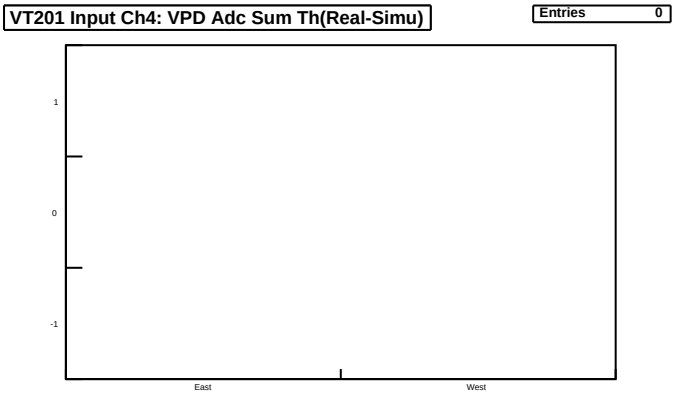

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2321024
9452
2392
23
19
8721
3587
45
37
280676
287736
290105
290109
281407
286541
290083
290091
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

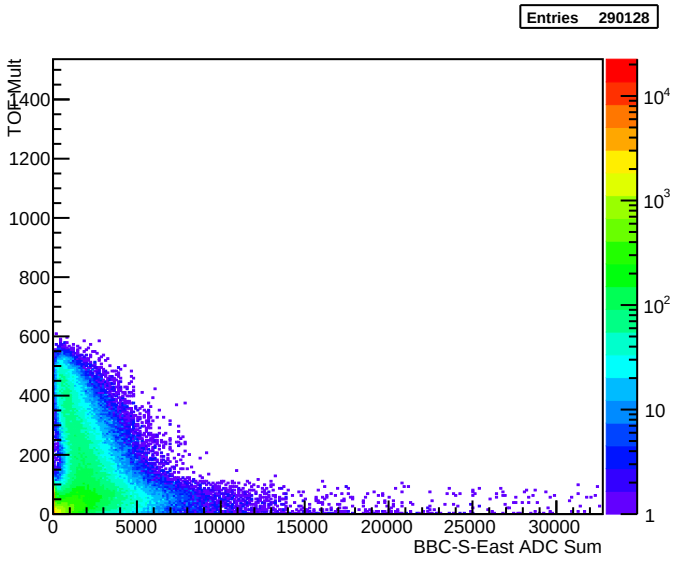

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

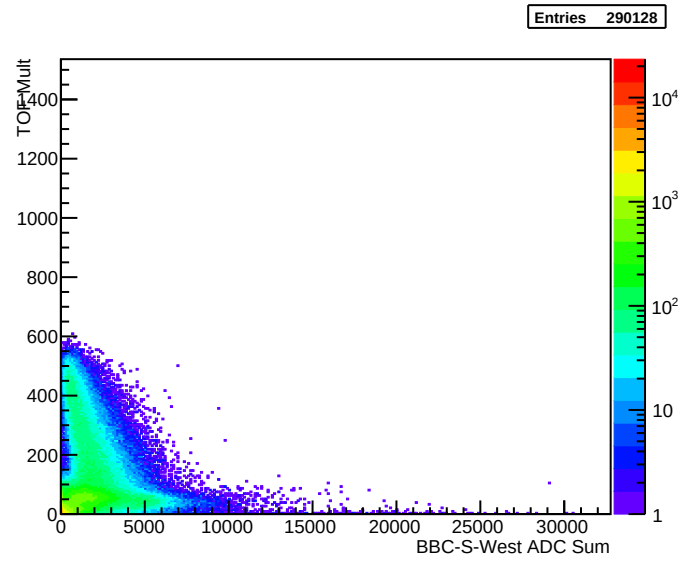

VT201 Input Ch4: VPD Tac Diff
Entries 290128
Tac

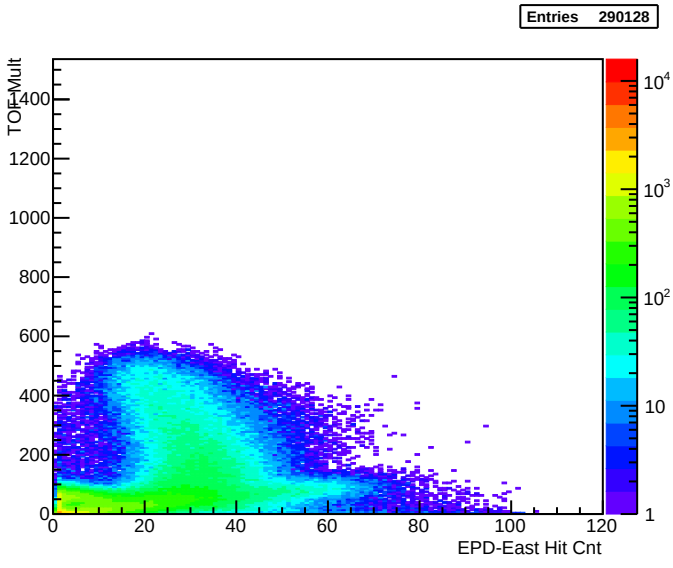

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

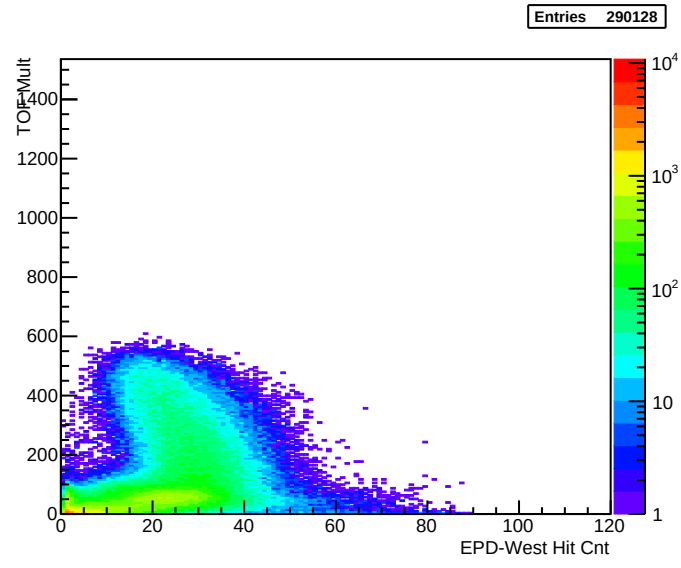

VT201 Input Ch4: VPD Adc Sum Th
Entries 580256
198454
231127
91674
59001
East
West

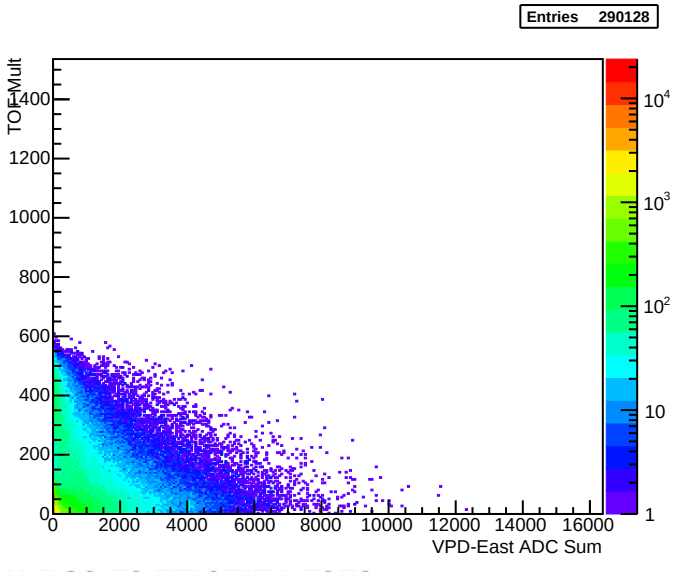

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

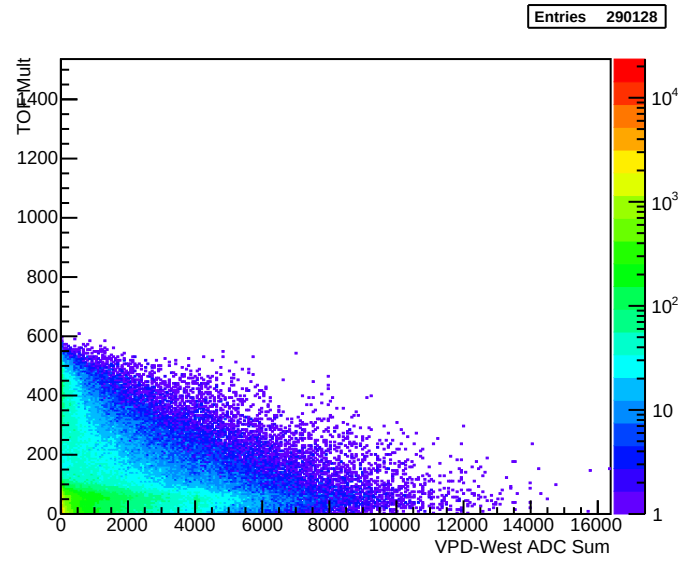

Entries 290128
TOF-Mult
BBC-S-East ADC Sum

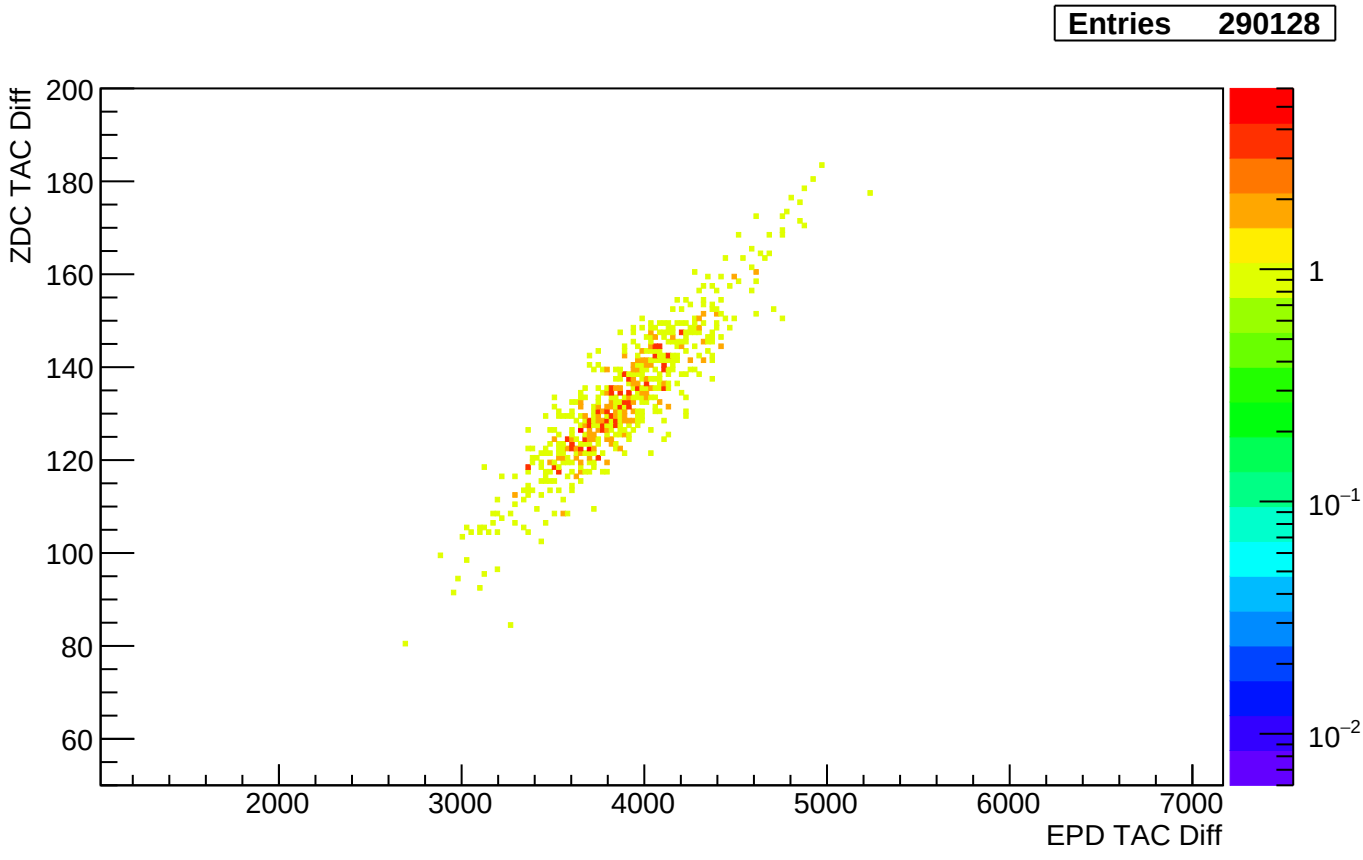

Entries 290128
TOF-Mult
BBC-S-West ADC Sum

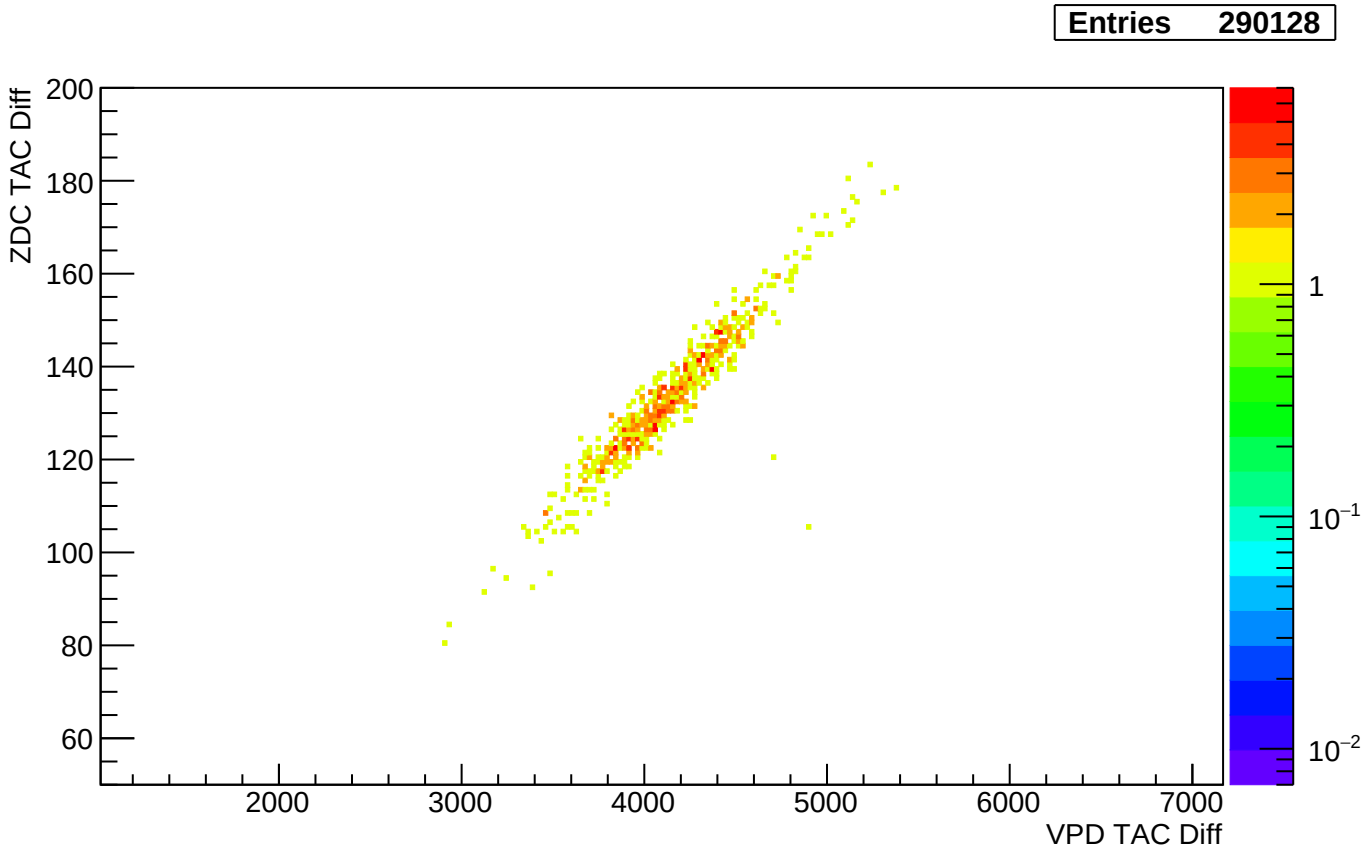

Entries 290128
TOF-Mult
EPD-East Hit Cnt

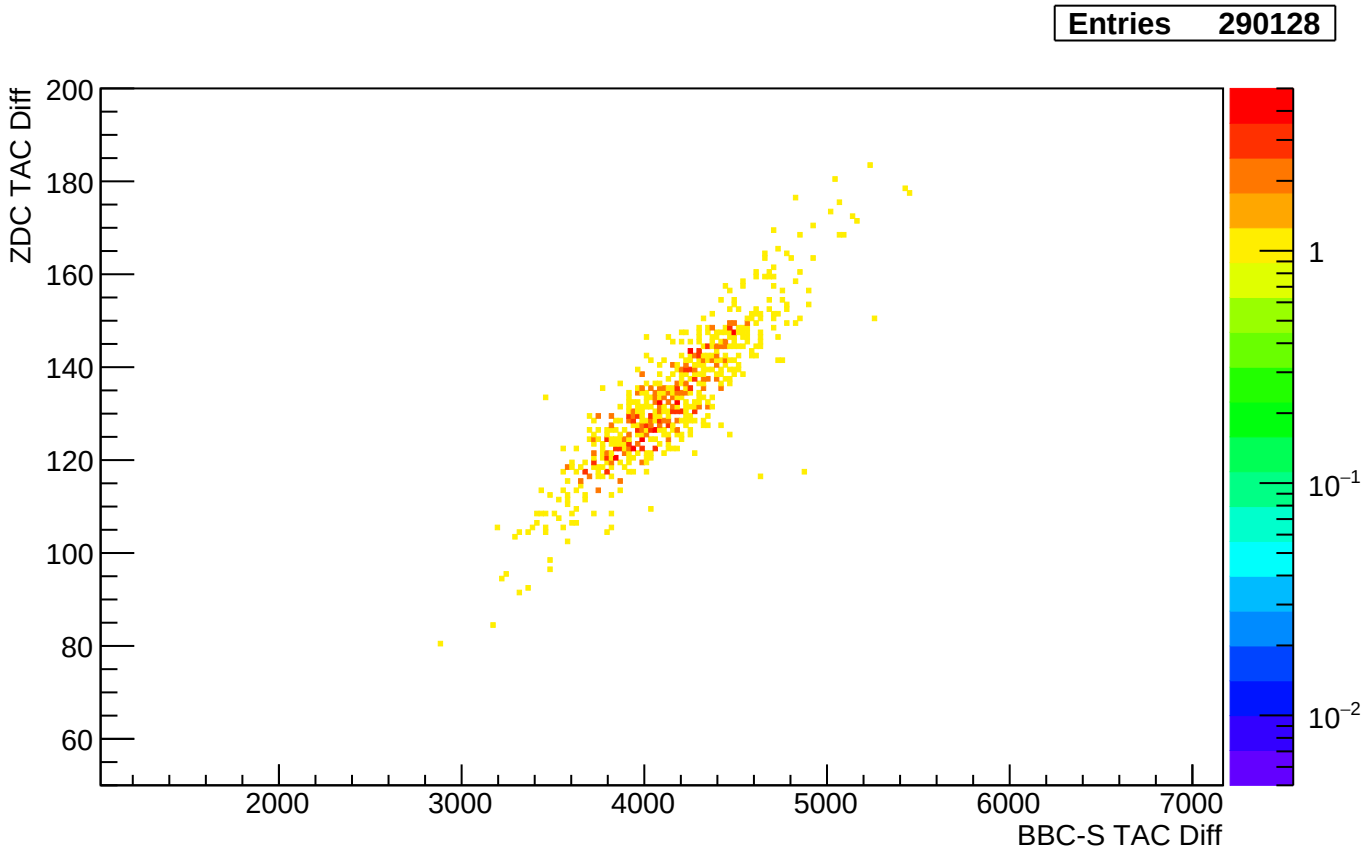

Entries 290128
TOF-Mult
EPD-West Hit Cnt

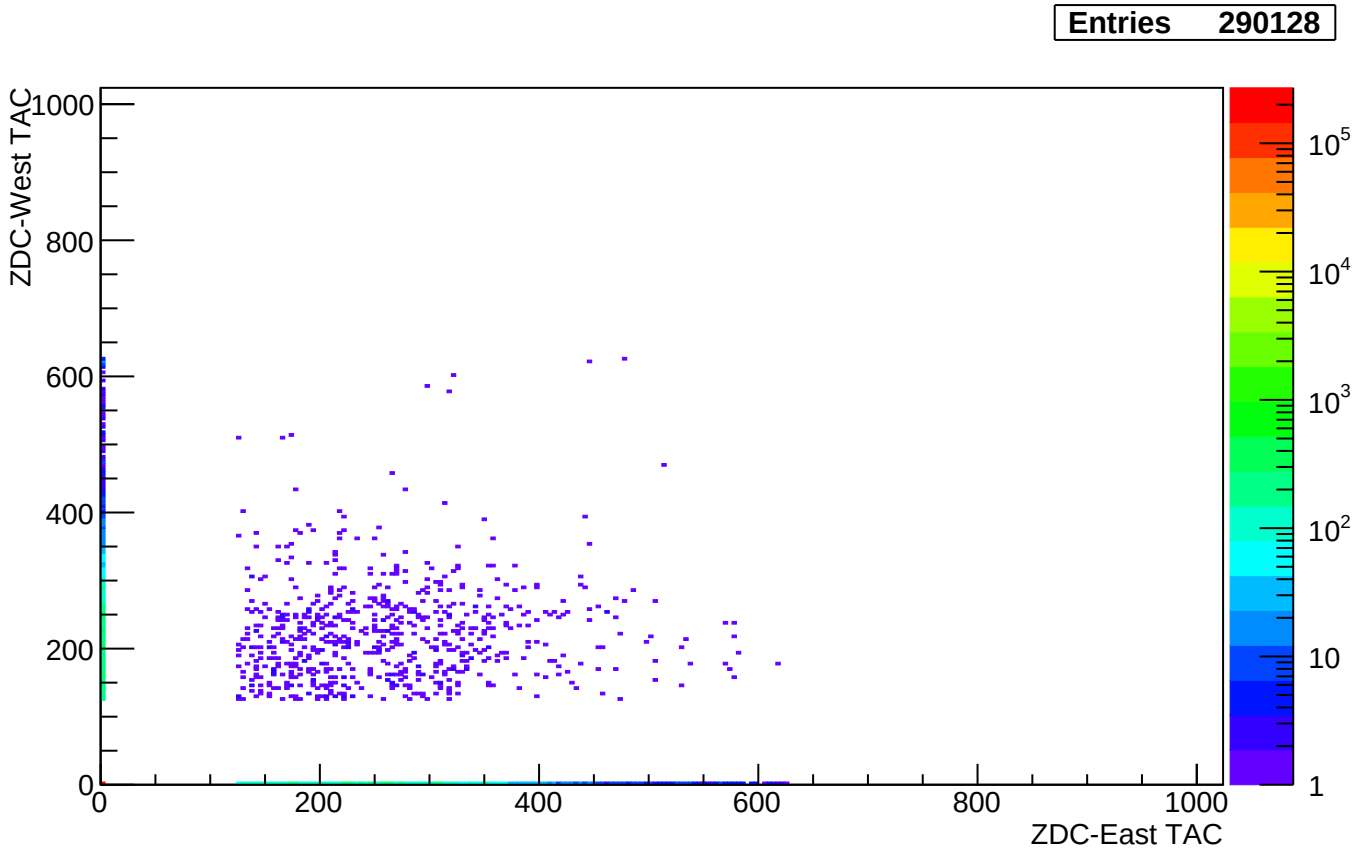

Entries 290128
TOF-Mult
VPD-East ADC Sum

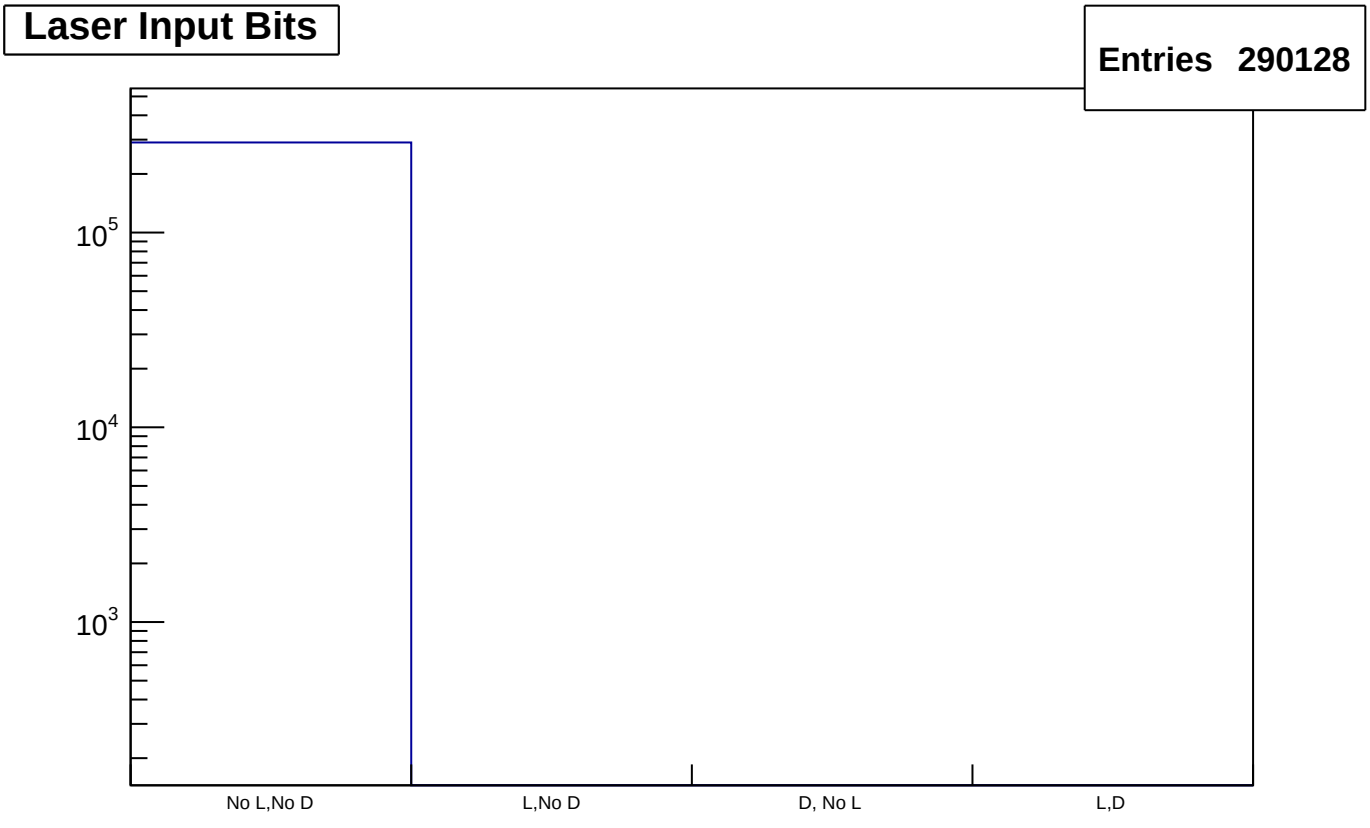

Entries 290128
TOF-Mult
VPD-West ADC Sum

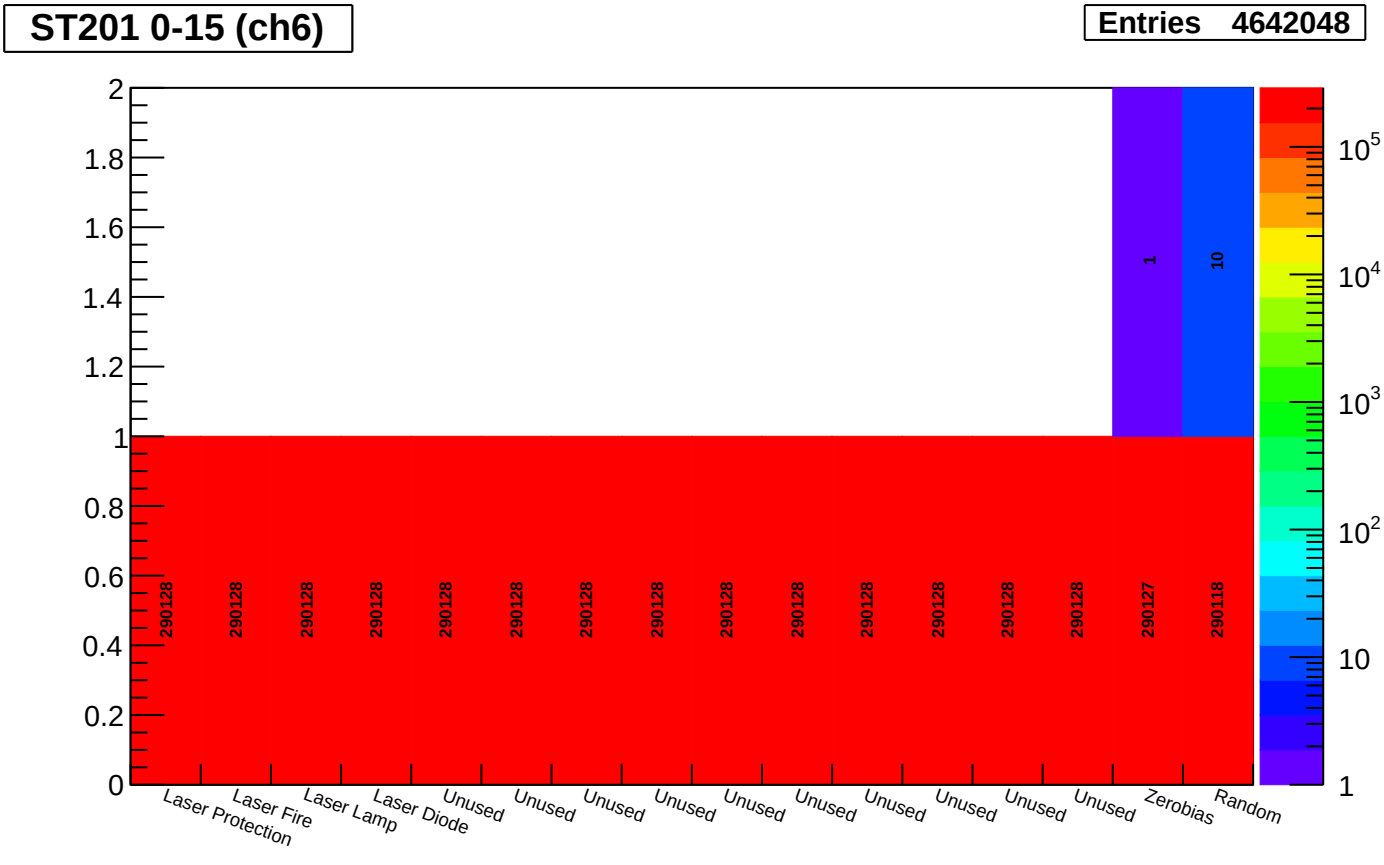

Entries 290128
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

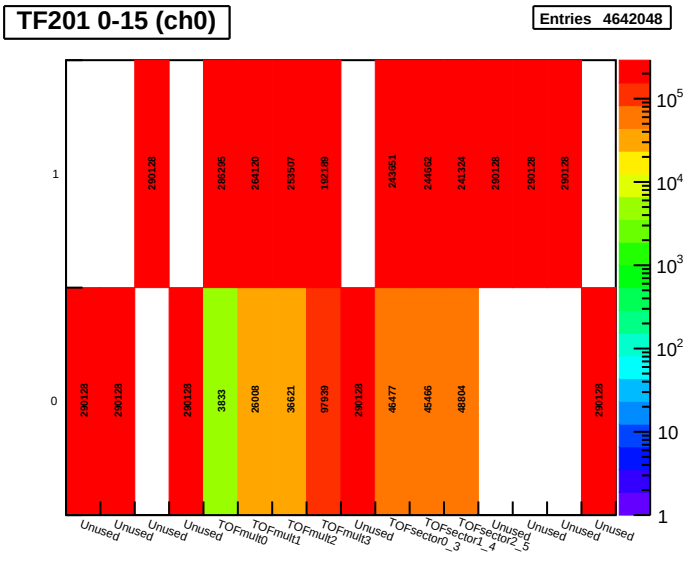

Entries 290128
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

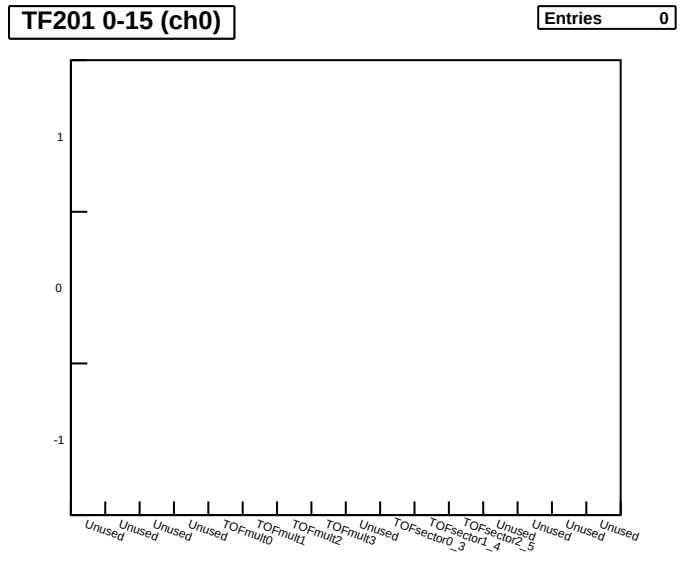

Entries 290128
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

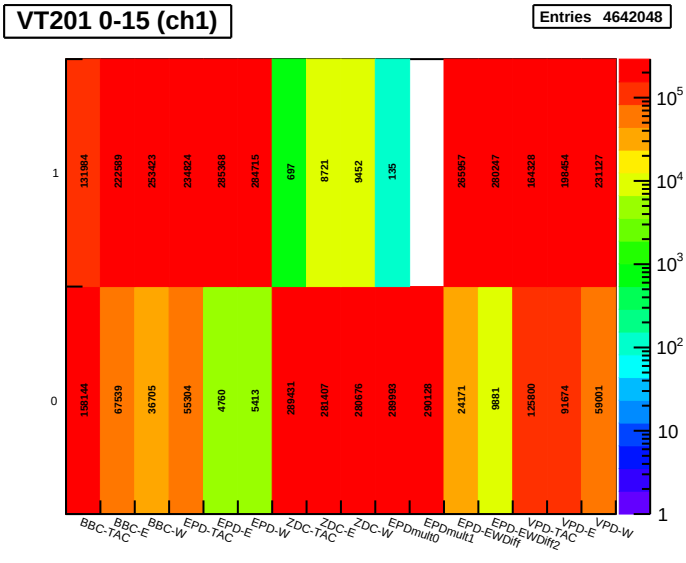

Entries 290128
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

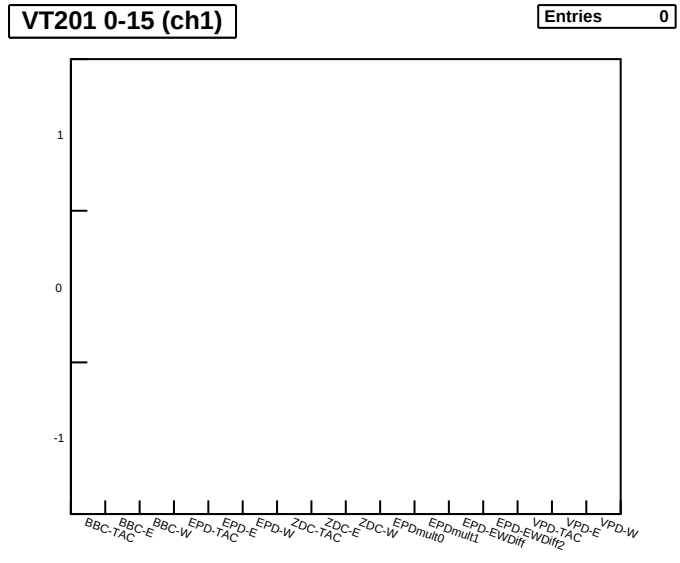

Laser Input Bits
Entries 290128
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

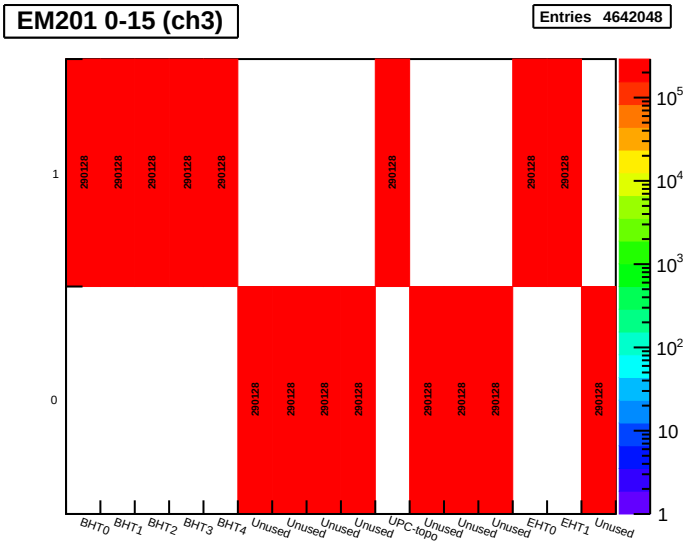

ST201 0-15 (ch6)
Entries 4642048
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
290128
290128
290128
290128
290128
290128
290128
290128
290128
290128
290128
290128
290128
290128
290127
290118
1
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

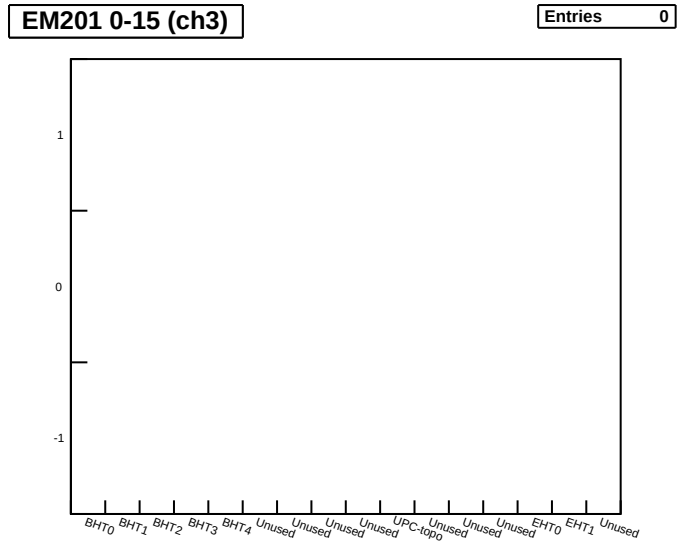

TF201 0-15 (ch0)
Entries 4642048
1
0
290128 290128 290128 290128 290128 286295 264120 253507 192189 290128 290128 290128 290128 290128 290128 290128 290128 3833 26008 36621 97939 290128 46477 45466 48804 290128
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 4642048
1
0
131984 222589 253423 234824 285368 284715 697 8721 9452 135 265957 280247 164328 198454 231127
158144 67539 36705 55304 4760 5413 289431 281407 280676 288993 290128 24171 9881 125800 91674 59001
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 4642048
1
0
290128 290128 290128 290128 290128 290128 290128 290128 290128
290128 290128 290128 290128 290128 290128 290128 290128
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