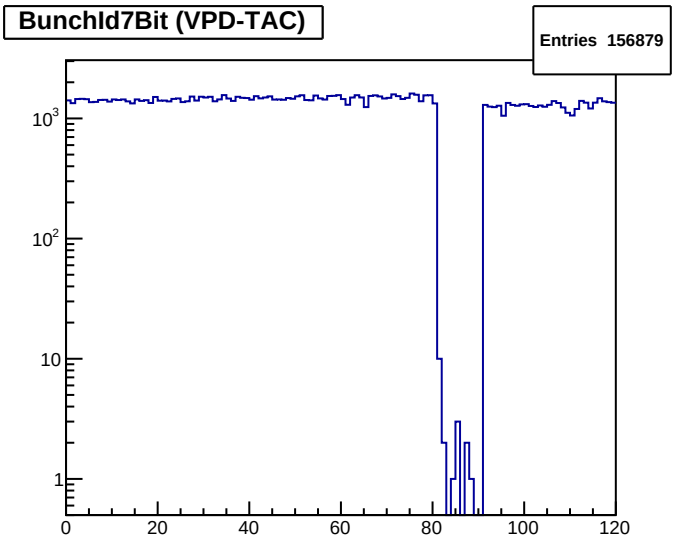
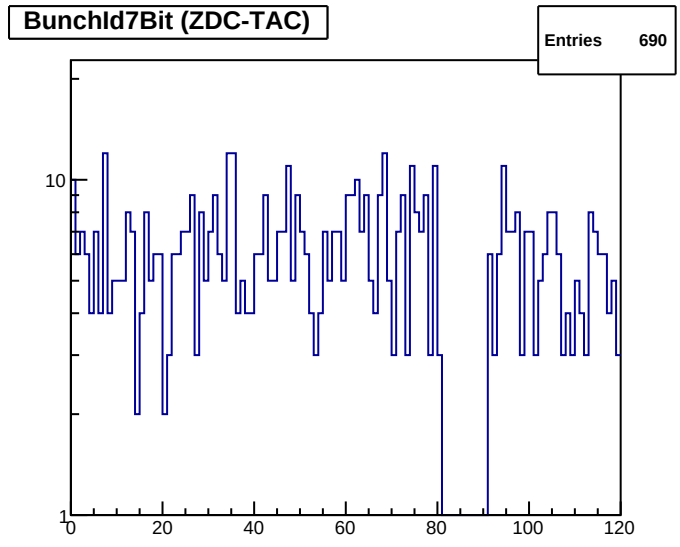
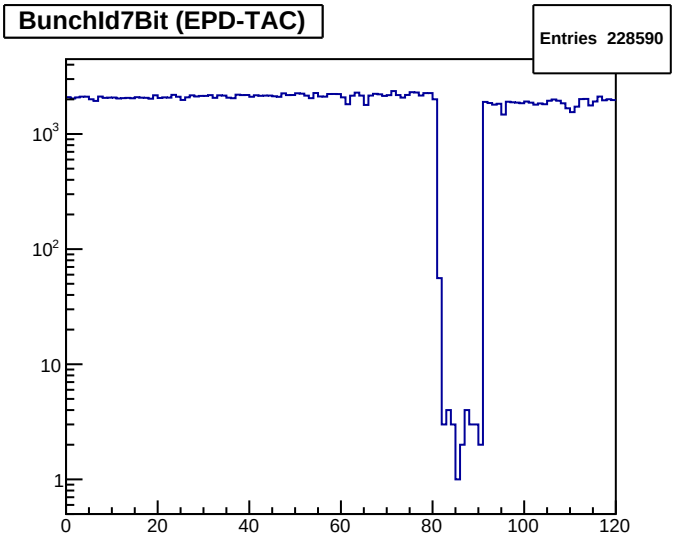
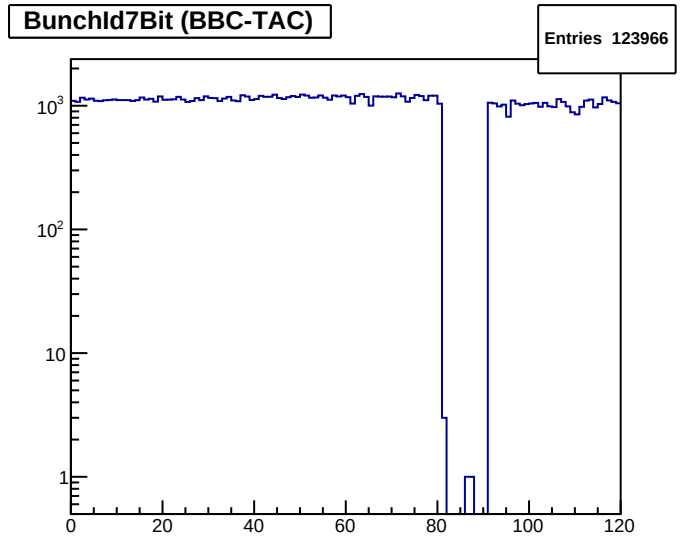
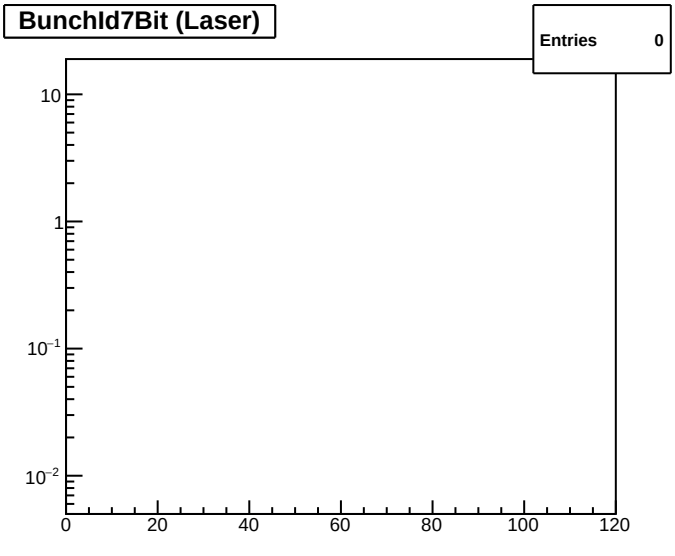
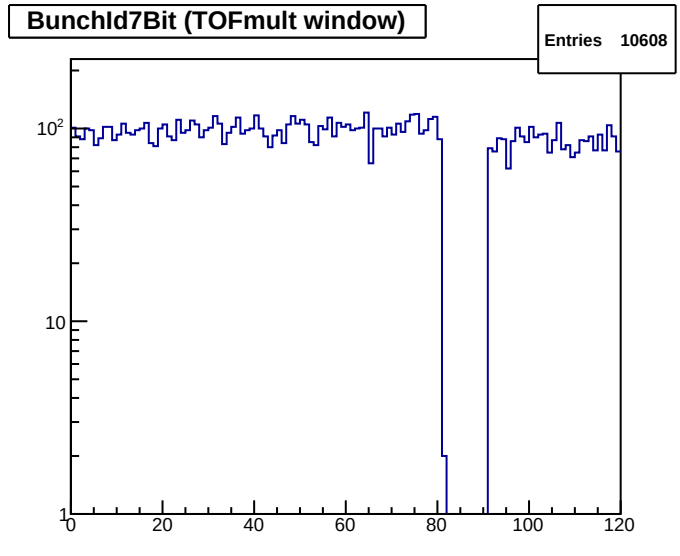

BunchId7Bit (VPD-TAC)
Entries 156879

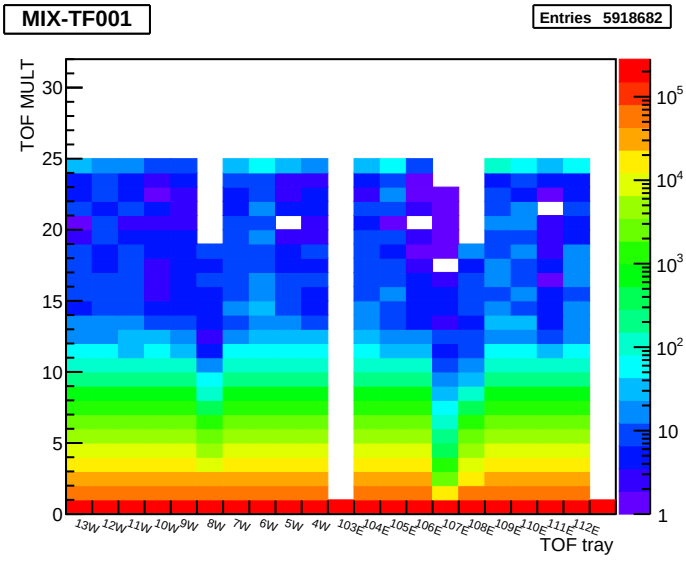

BunchId7Bit (ZDC-TAC)
Entries 690

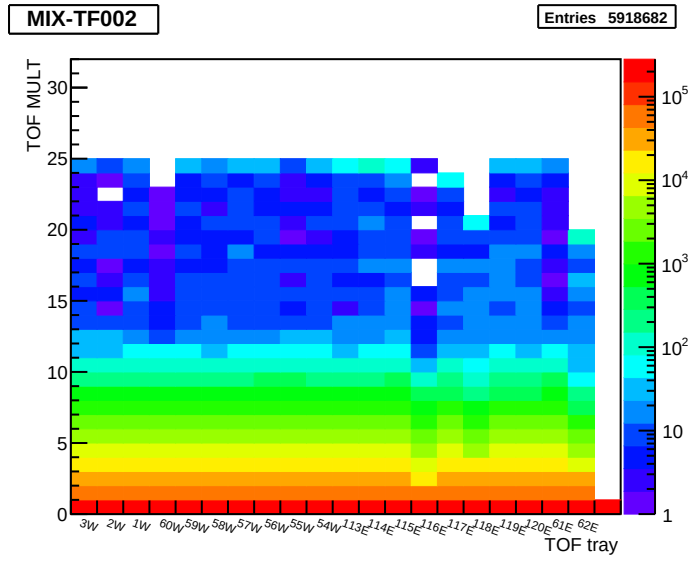

BunchId7Bit (EPD-TAC)
Entries 228590

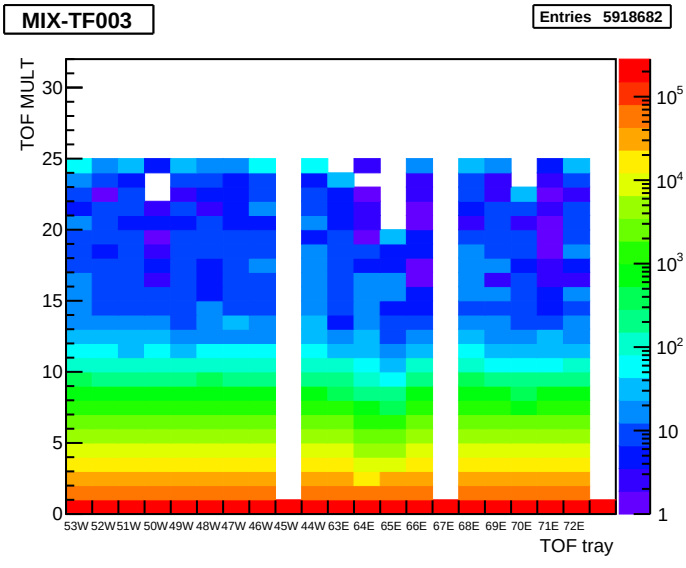

BunchId7Bit (BBC-TAC)
Entries 123966

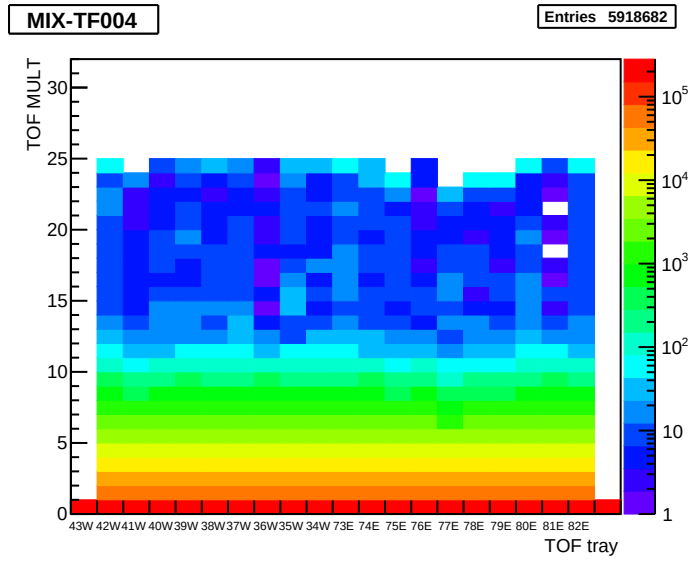

BunchId7Bit (Laser)
Entries 0

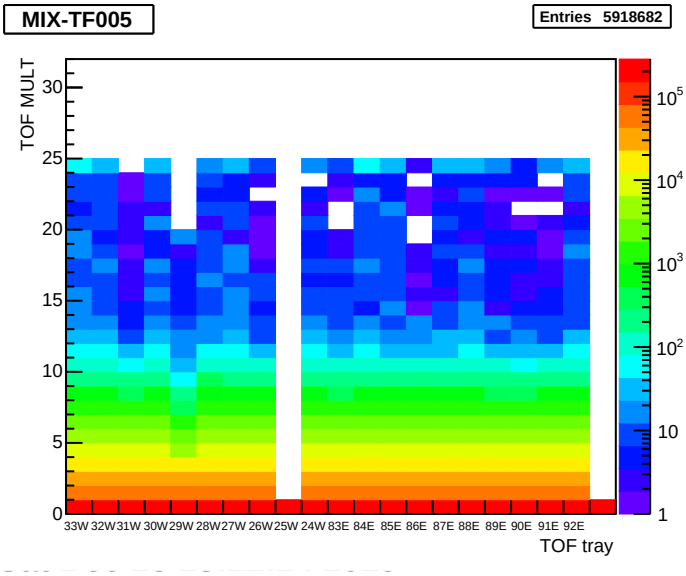

BunchId7Bit (TOFmult window)
Entries 10608

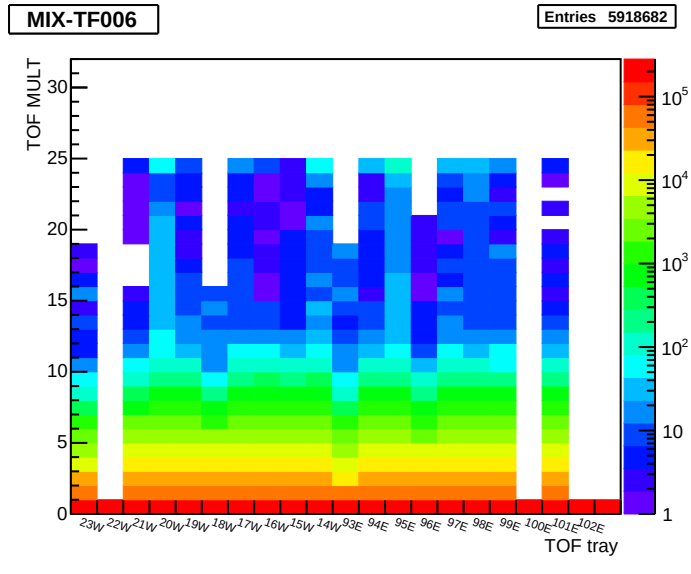

MIX-TF001
Entries 5918682
TOF MULT
TOF tray

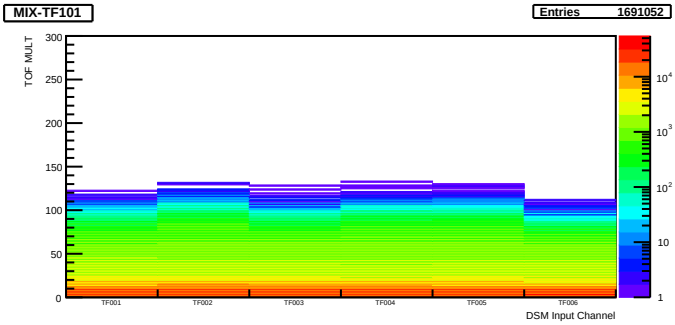

MIX-TF002
Entries 5918682
TOF MULT
TOF tray

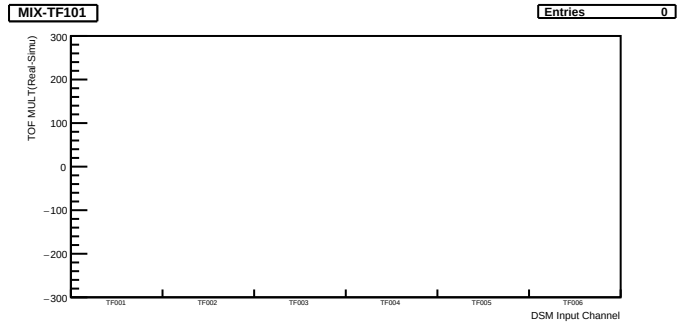

MIX-TF003
Entries 5918682
TOF MULT
TOF tray

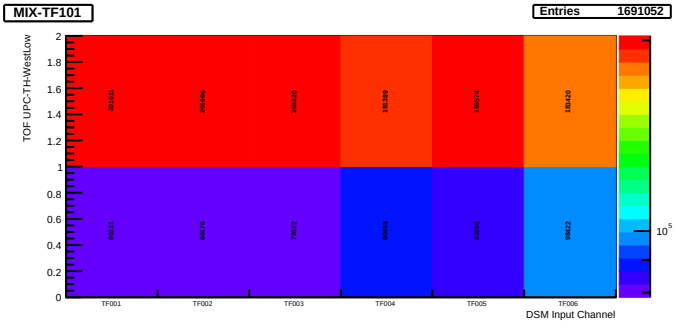

MIX-TF004
Entries 5918682
TOF MULT
TOF tray

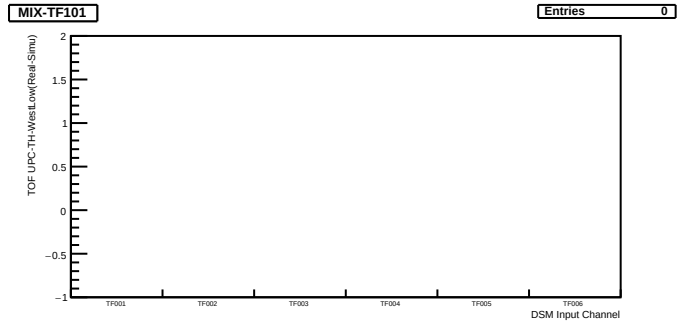

MIX-TF005
Entries 5918682
TOF MULT
TOF tray

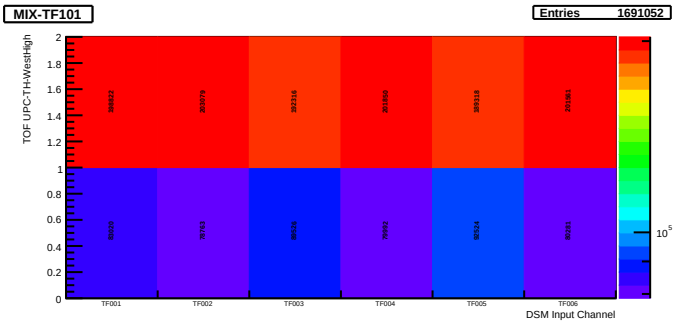

MIX-TF006
Entries 5918682
TOF MULT
TOF tray

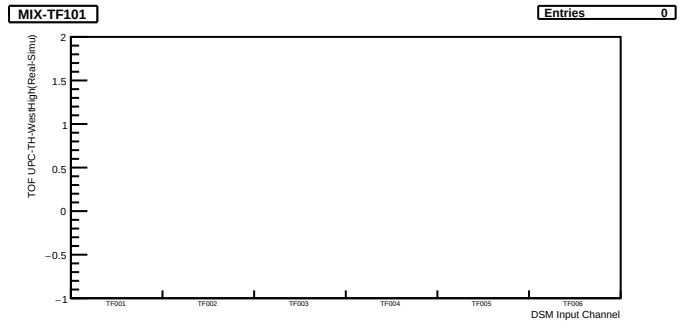

MIX-TF101
Entries 1691052
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

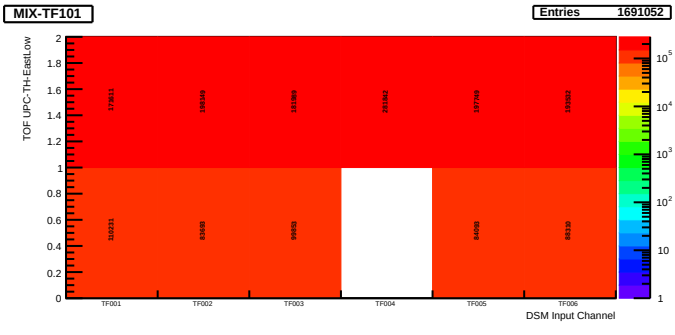

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

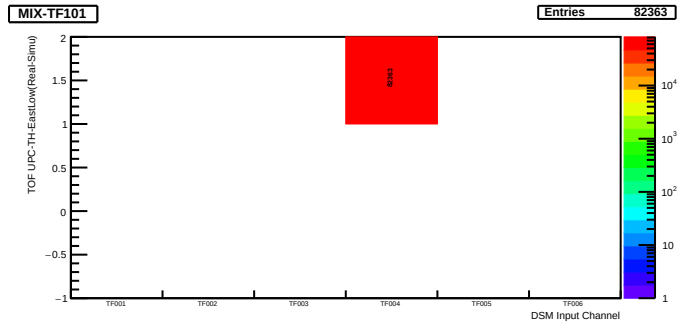

MIX-TF101
Entries 1691052
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

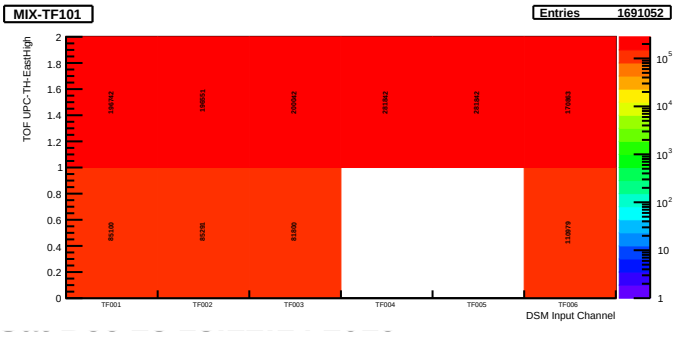

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

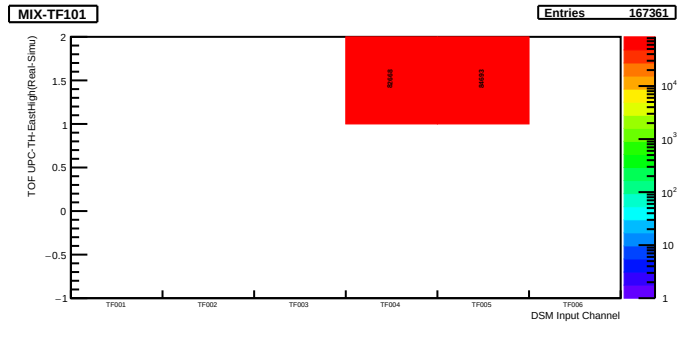

MIX-TF101
Entries 1691052
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

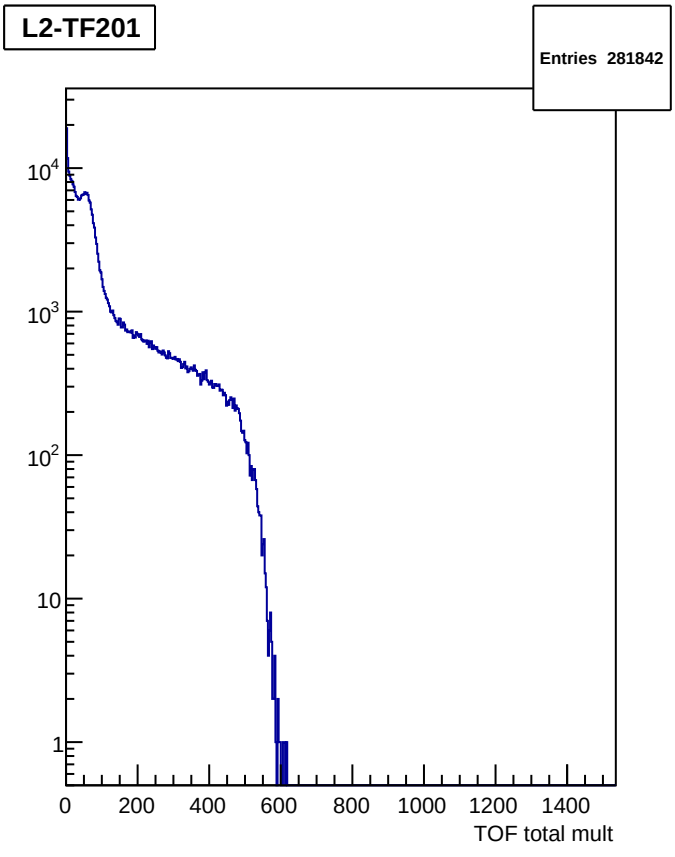

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

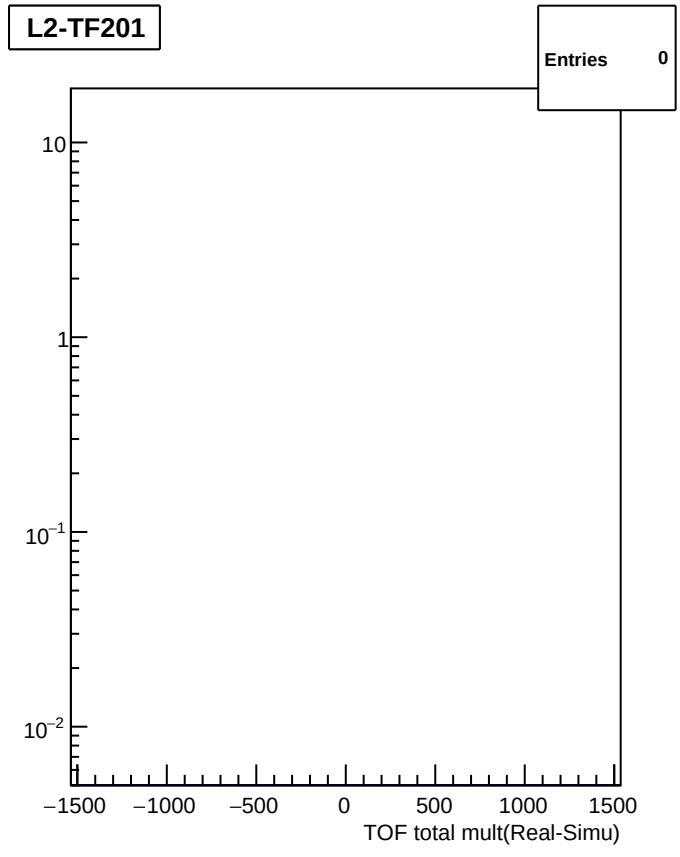

MIX-TF101
Entries 1691052
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

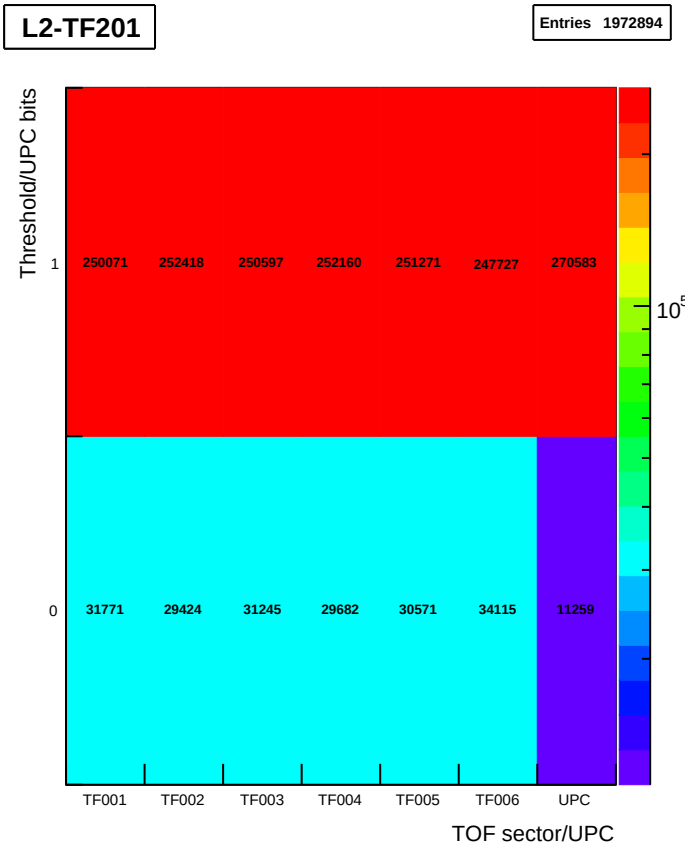

MIX-TF101
Entries 82363
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

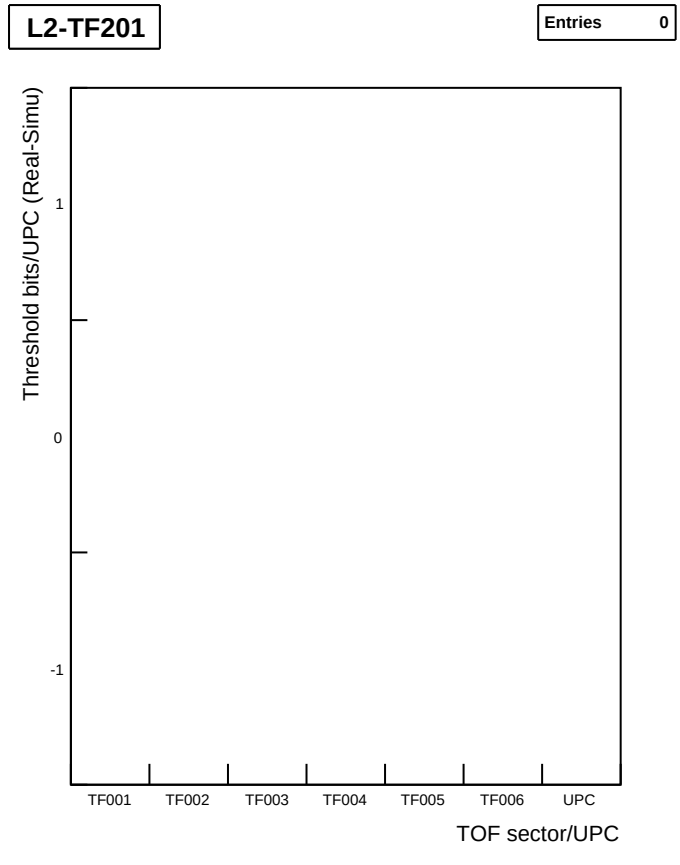

MIX-TF101
Entries 1691052
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

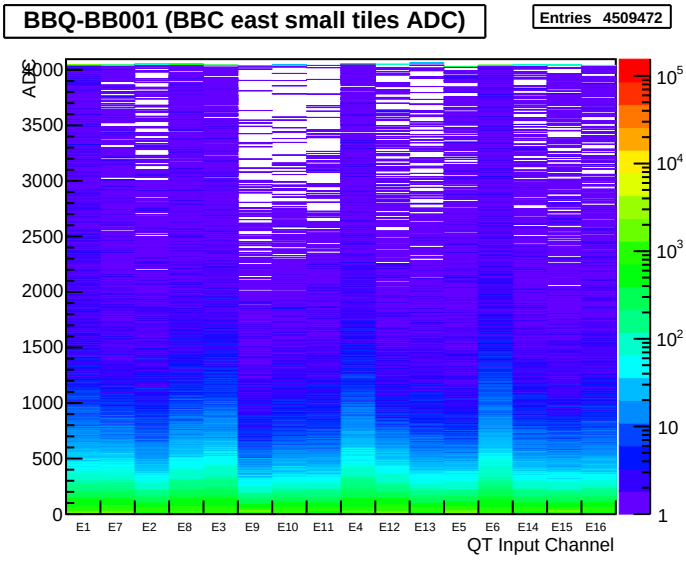

MIX-TF101
Entries 167361
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

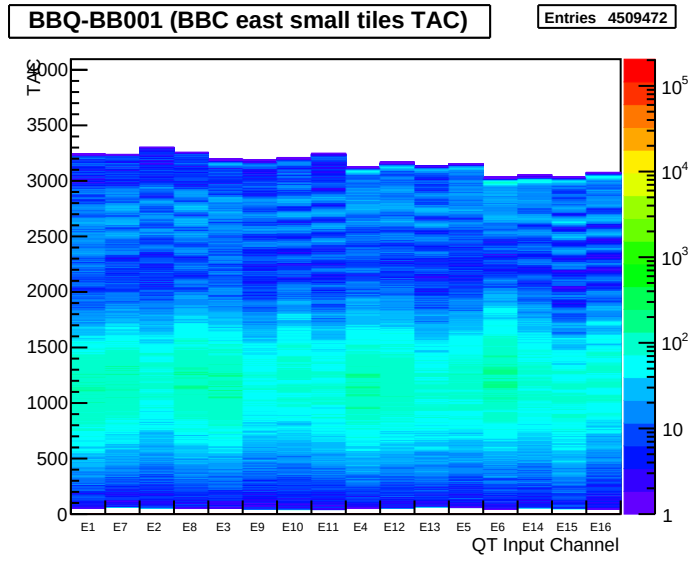

L2-TF201
Entries 281842
TOF total mult

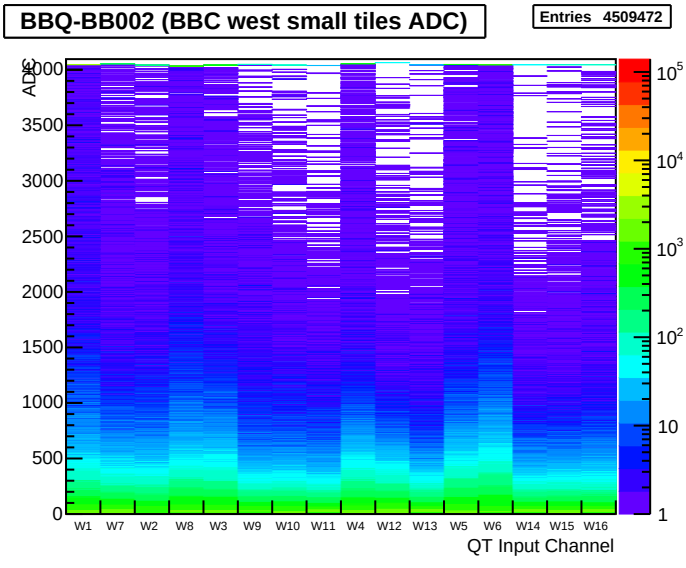

L2-TF201
Entries 0
TOF total mult(Real-Simu)

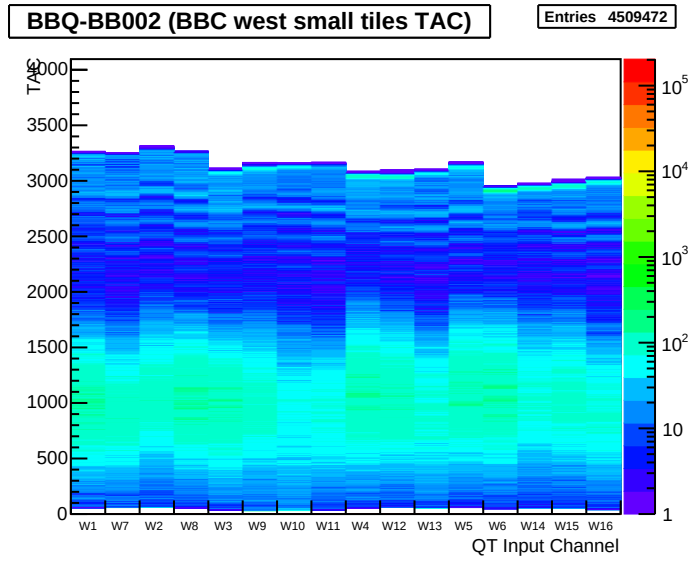

L2-TF201
Entries 1972894
Threshold/UPC bits
250071
252418
250597
252160
251271
247727
270583
31771
29424
31245
29682
30571
34115
11259
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

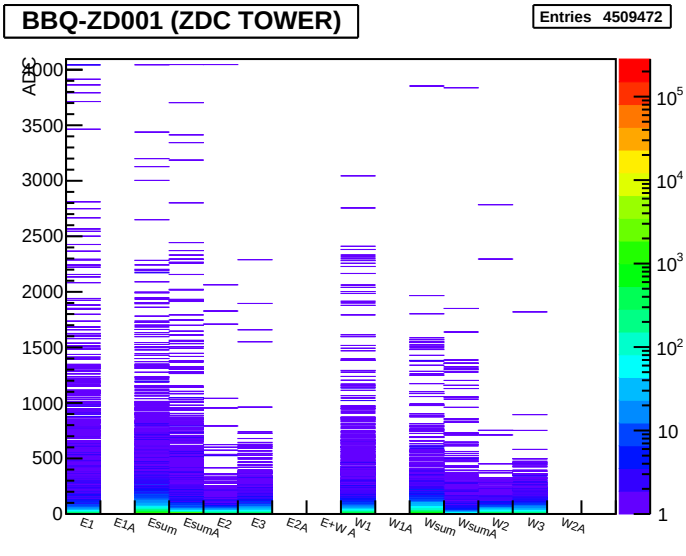

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

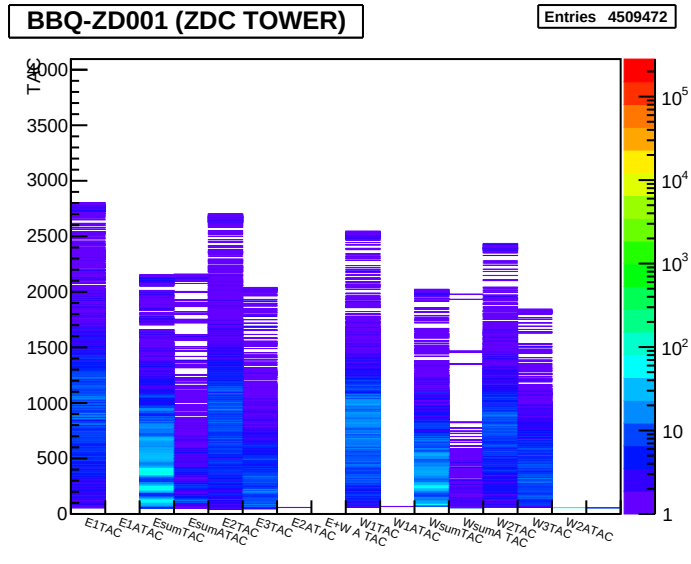

BBQ-BB001 (BBC east small tiles ADC)
Entries 4509472
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

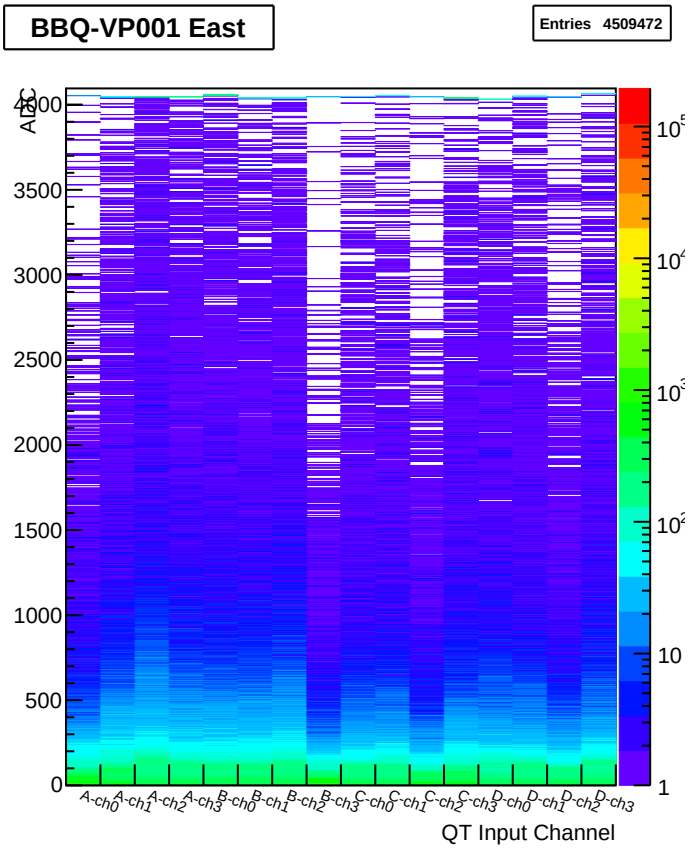

BBQ-BB001 (BBC east small tiles TAC)
Entries 4509472
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

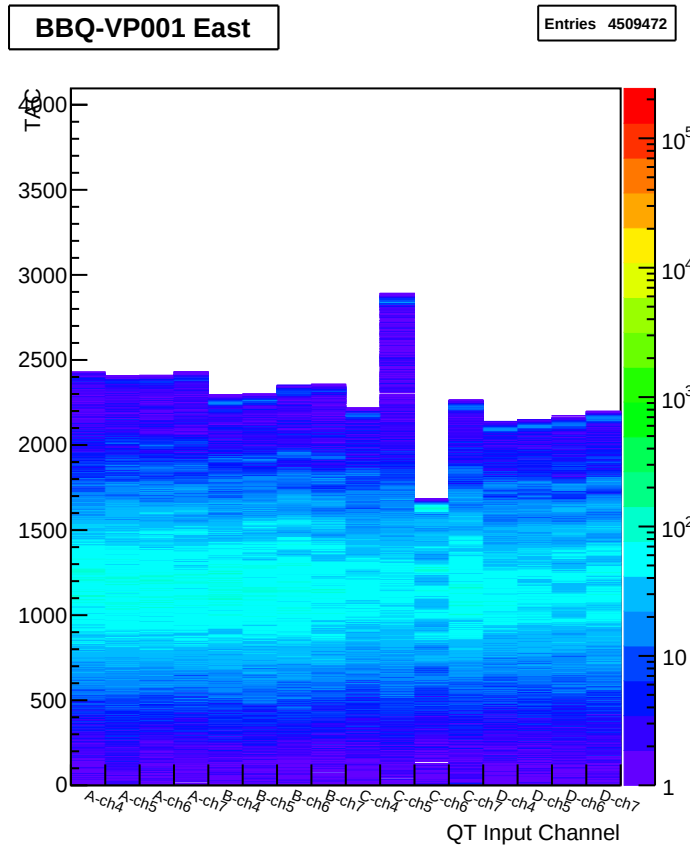

BBQ-BB002 (BBC west small tiles ADC)
Entries 4509472
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

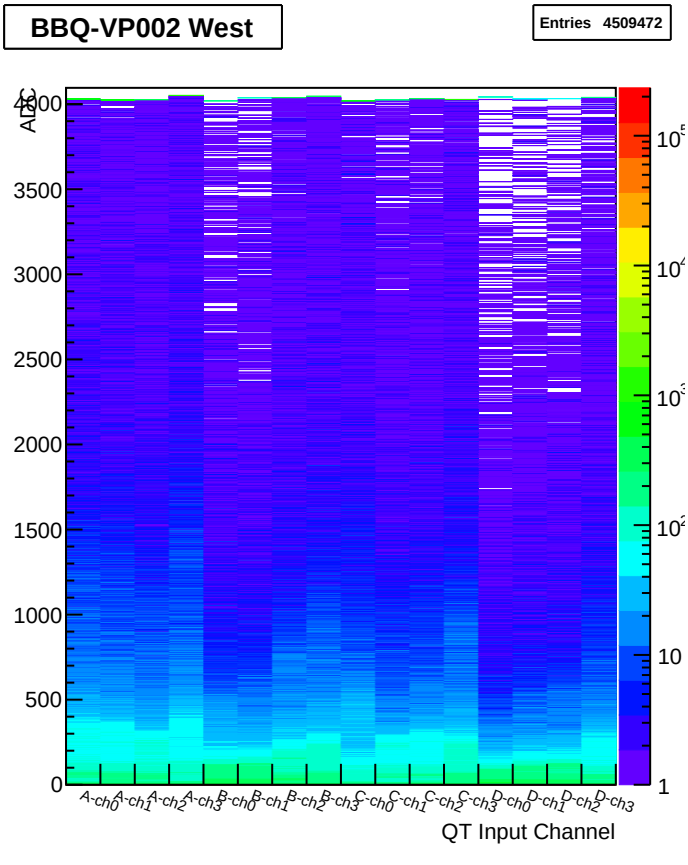

BBQ-BB002 (BBC west small tiles TAC)
Entries 4509472
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

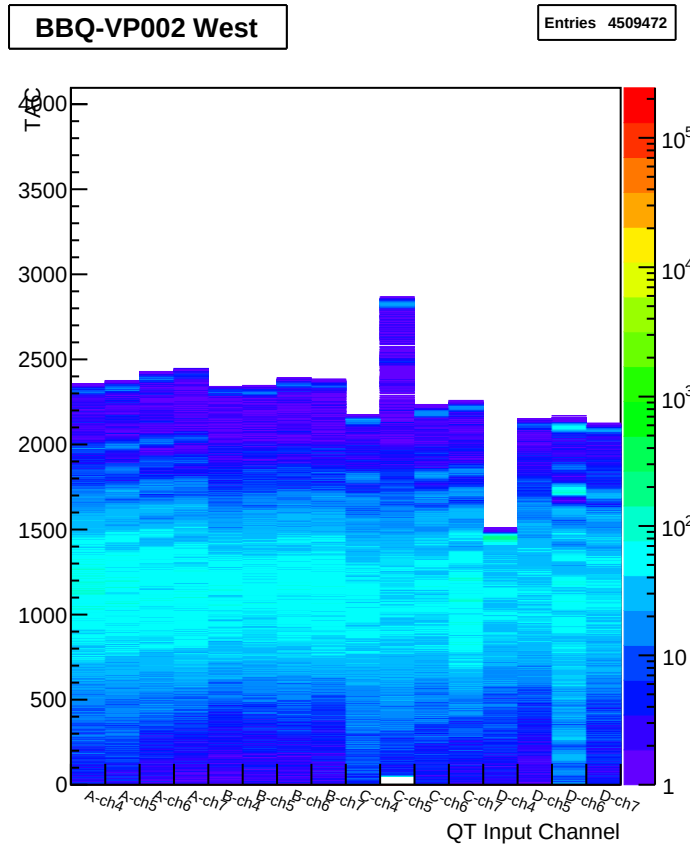

BBQ-ZD001 (ZDC TOWER)
Entries 4509472
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

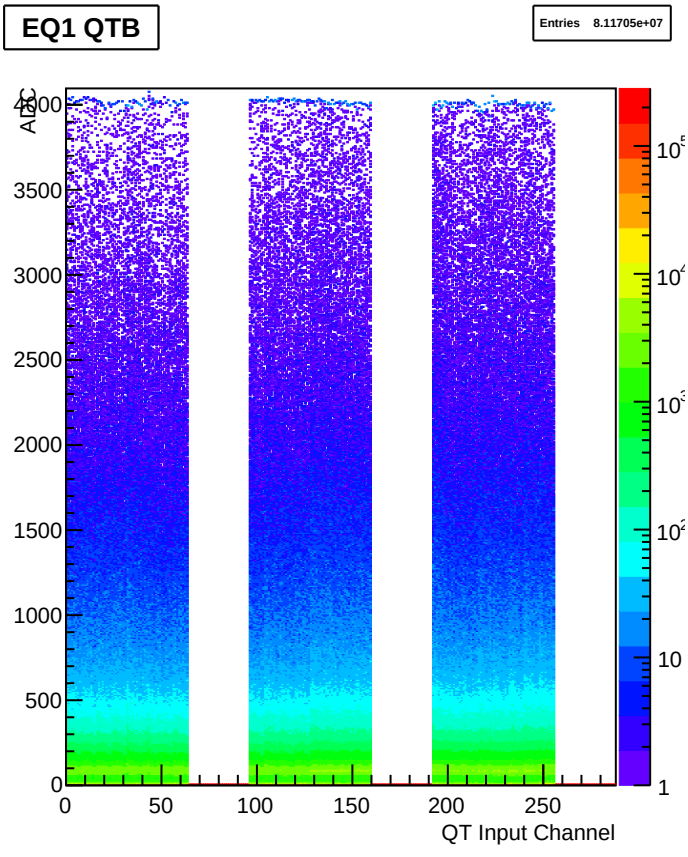

BBQ-ZD001 (ZDC TOWER)
Entries 4509472
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

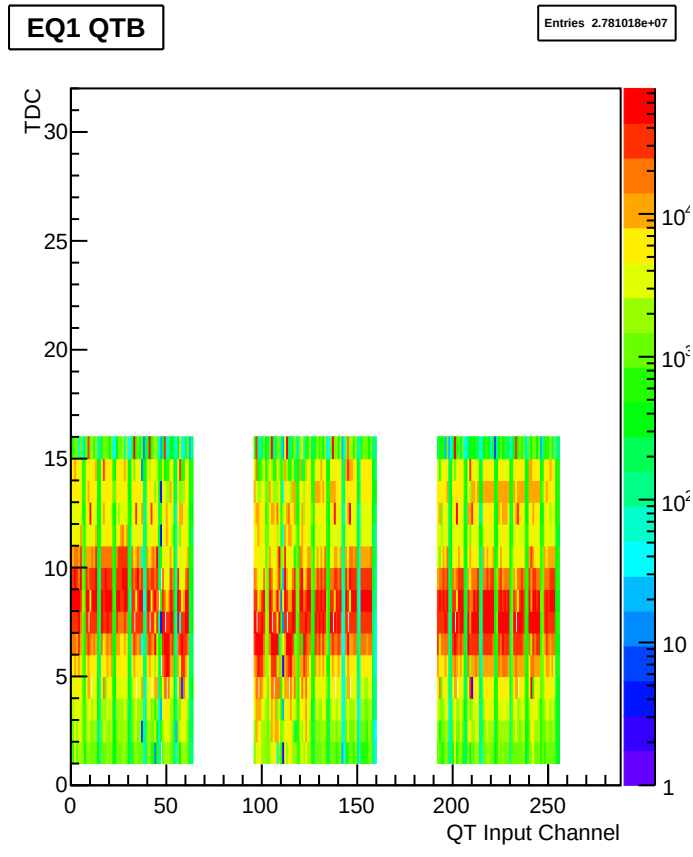

BBQ-VP001 East
Entries 4509472
ADC
QT Input Channel

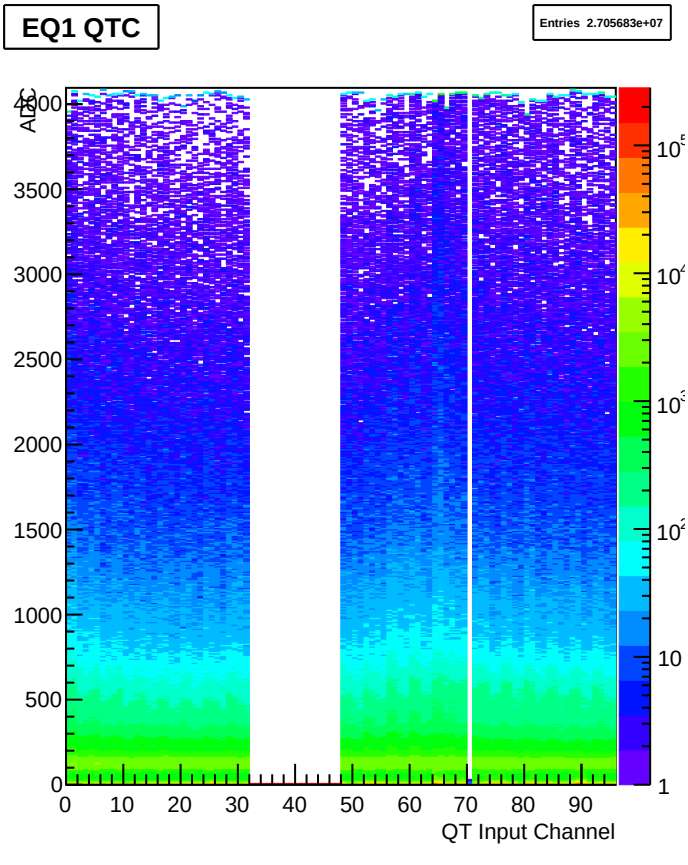

BBQ-VP001 East
Entries 4509472
TADC
QT Input Channel

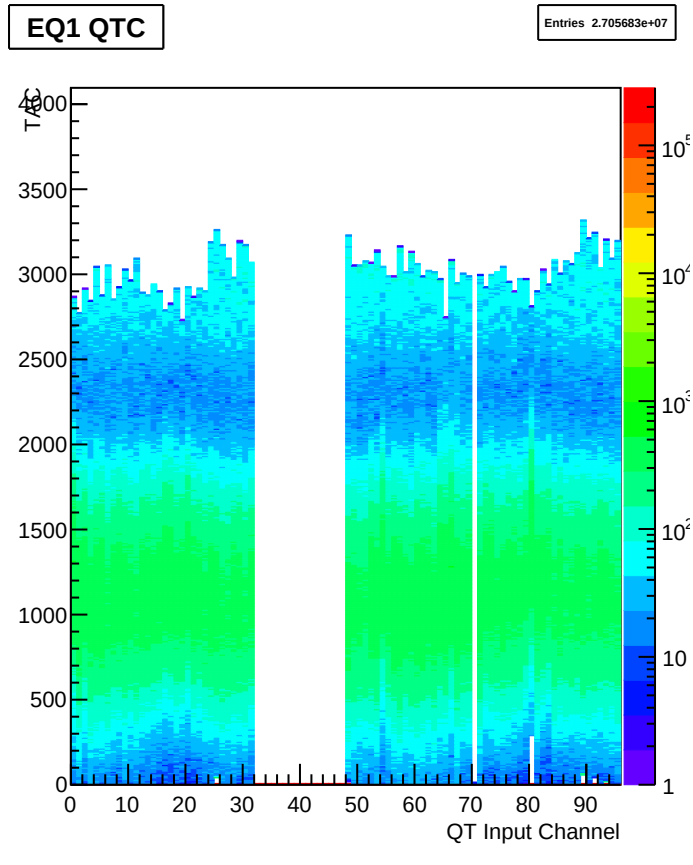

BBQ-VP002 West
Entries 4509472
ADC
QT Input Channel

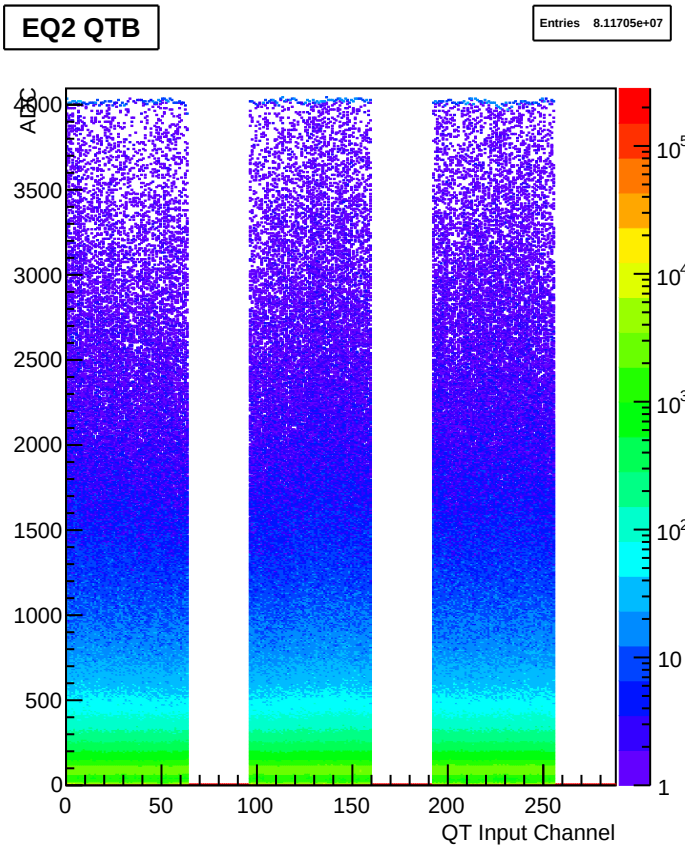

BBQ-VP002 West
Entries 4509472
TADC
QT Input Channel

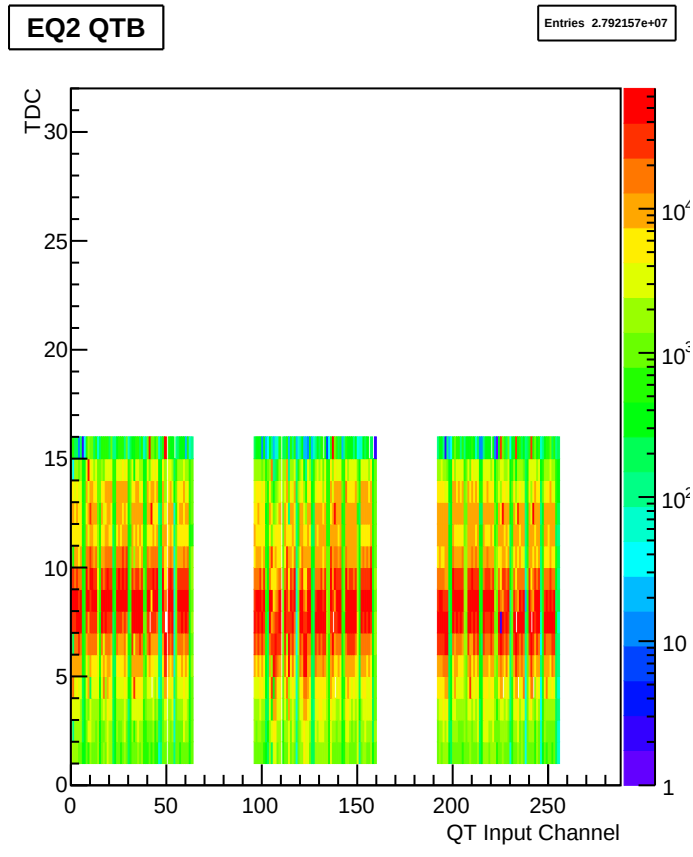

EQ1 QTB
Entries 8.11705e+07
ADC
QT Input Channel

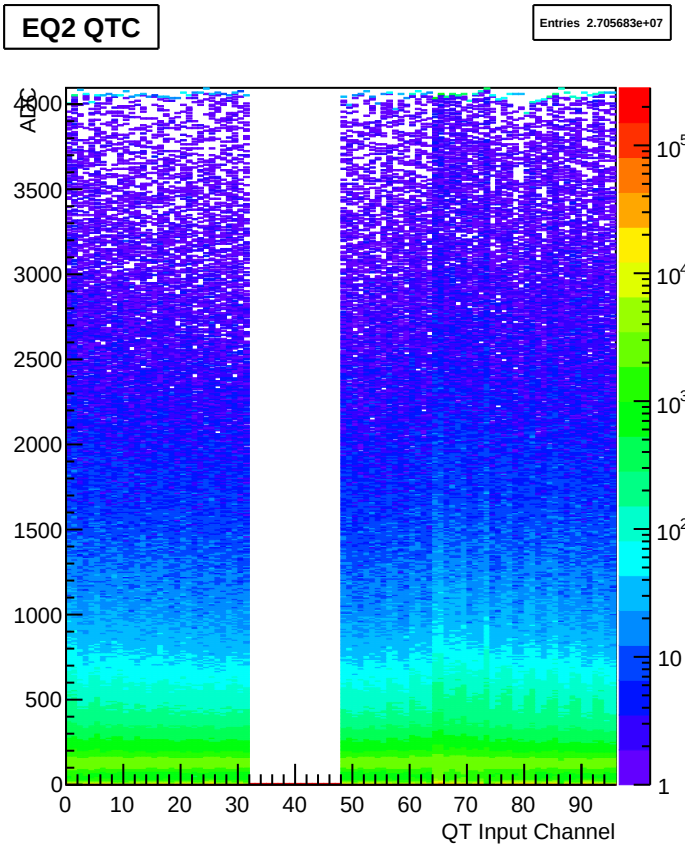

EQ1 QTB
Entries 2.781018e+07
TDC
QT Input Channel

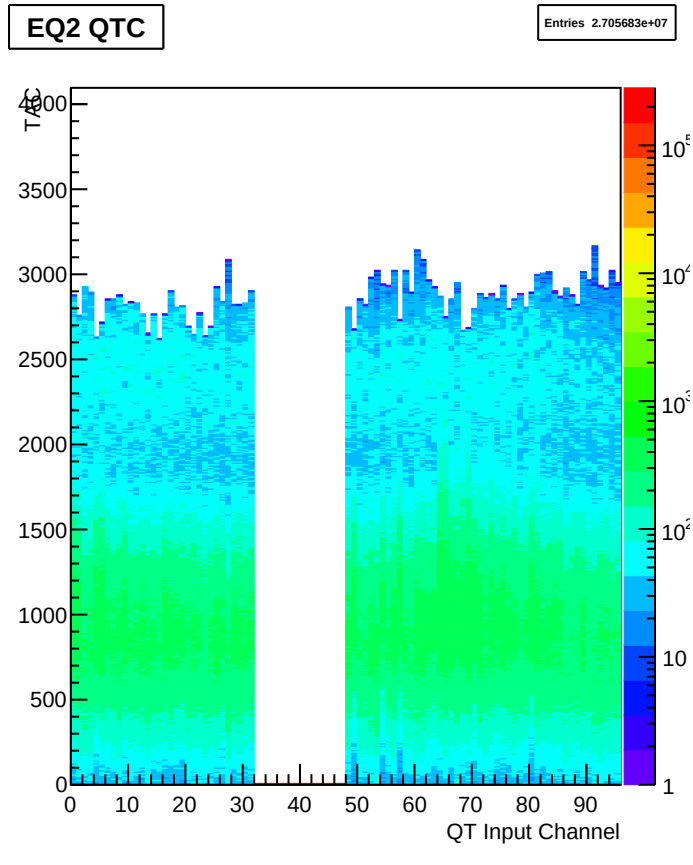

EQ1 QTC
Entries 2.705683e+07
ADC
QT Input Channel

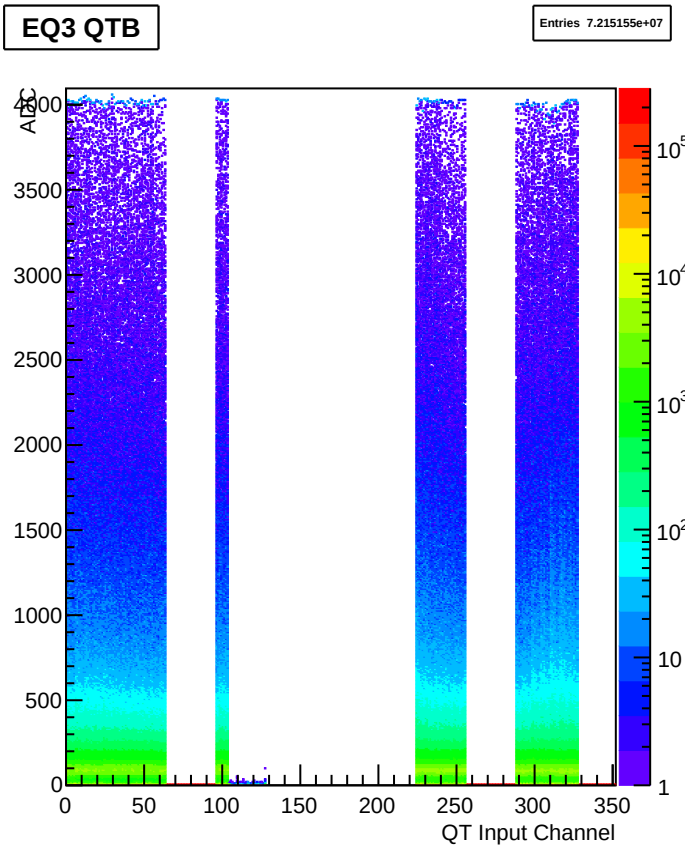

EQ1 QTC
Entries 2.705683e+07
TADC
QT Input Channel

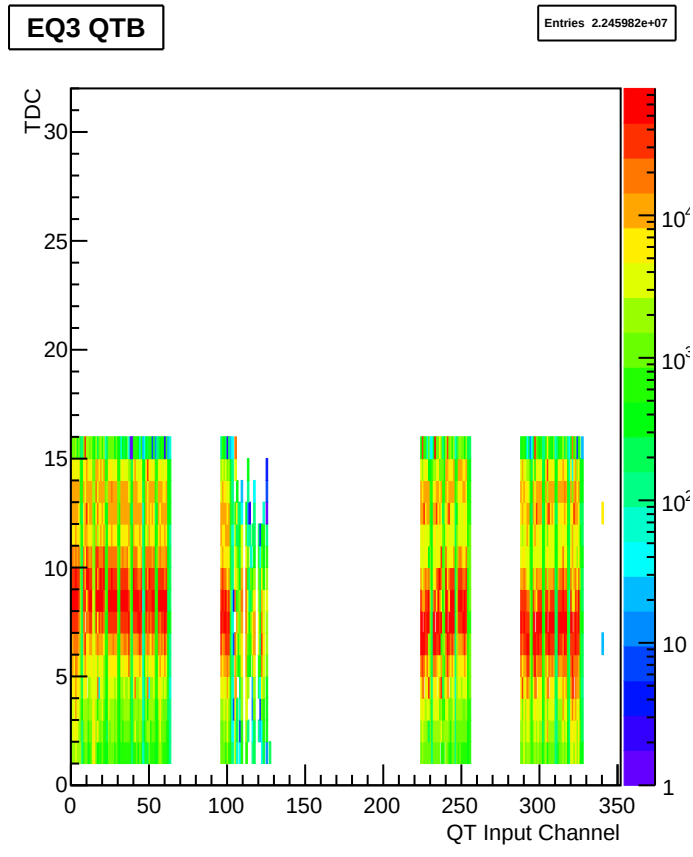

EQ2 QTB
Entries 8.11705e+07
ADC
QT Input Channel

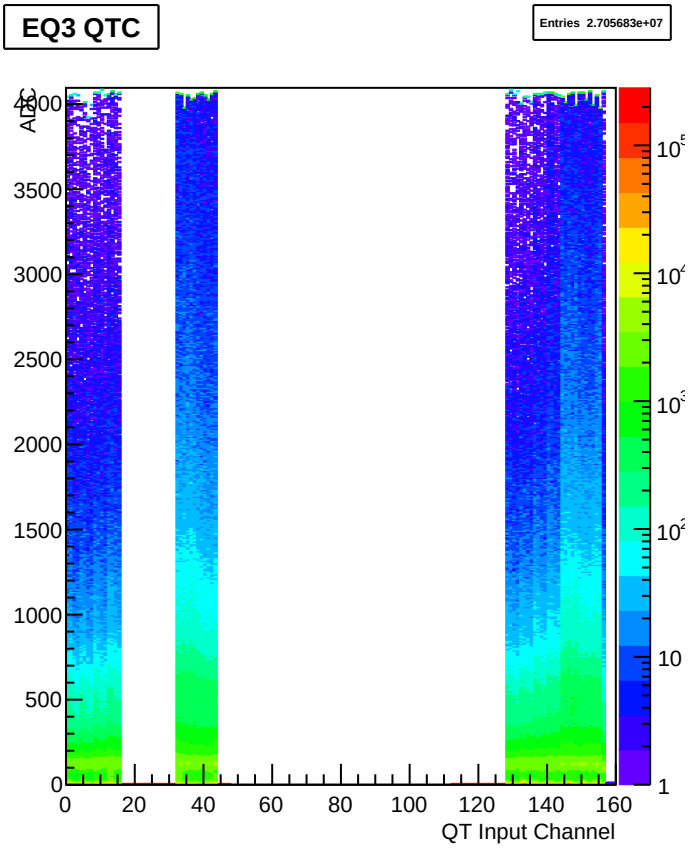

EQ2 QTB
Entries 2.792157e+07
TDC
QT Input Channel

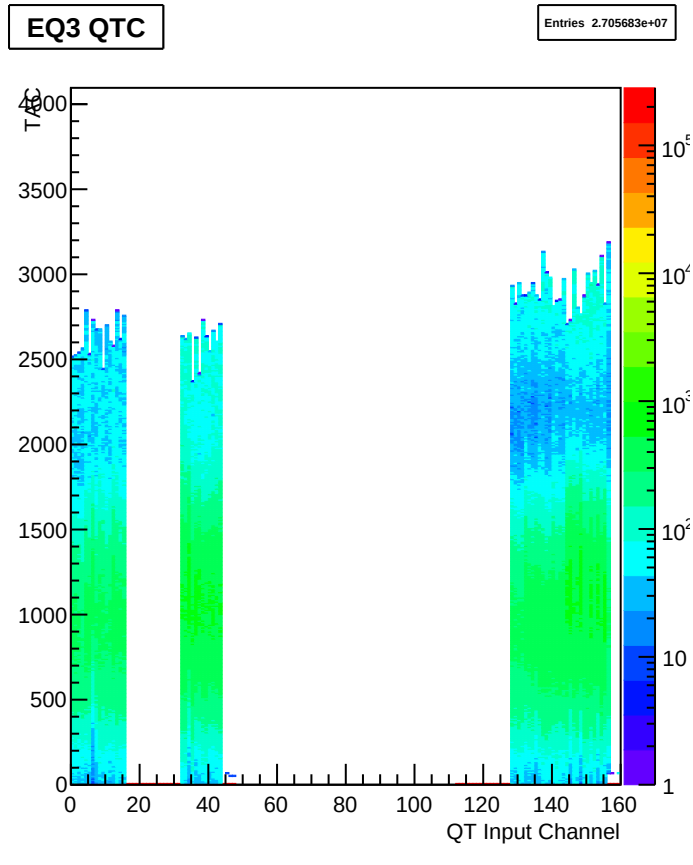

EQ2 QTC
Entries 2.705683e+07
ADC
QT Input Channel

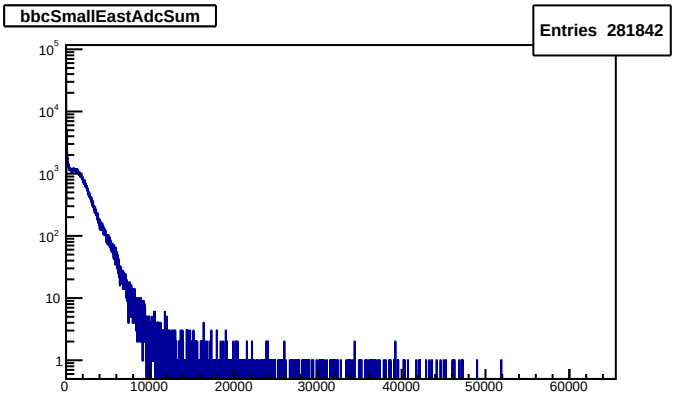

EQ2 QTC
Entries 2.705683e+07
TADC
QT Input Channel

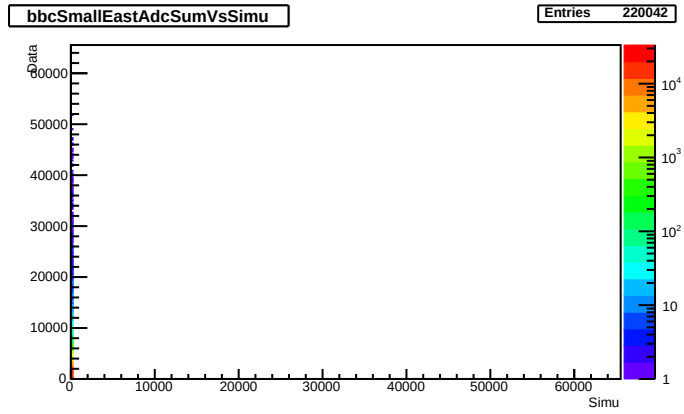

EQ3 QTB
Entries 7.215155e+07
ADC
QT Input Channel

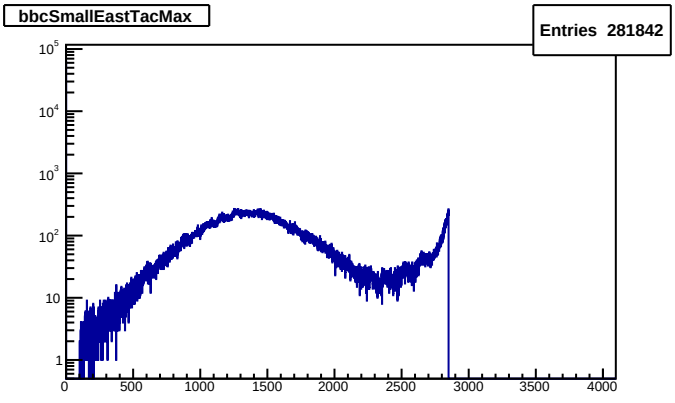

EQ3 QTB
Entries 2.245982e+07
TDC
QT Input Channel

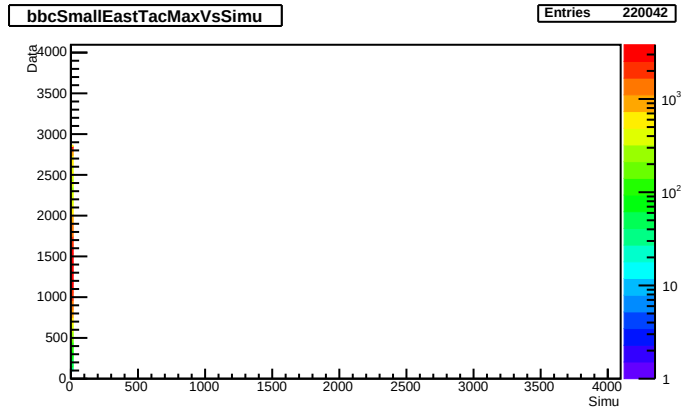

EQ3 QTC
Entries 2.705683e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.705683e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 281842


bbcSmallEastAdcSumVsSimu
Entries 220042
Data
Simu


bbcSmallEastTacMax
Entries 281842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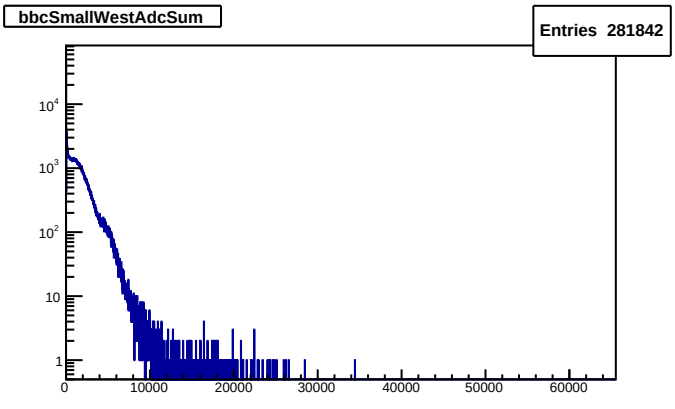
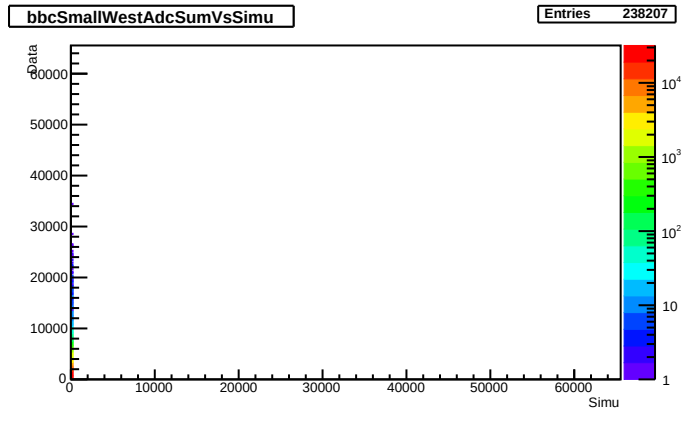
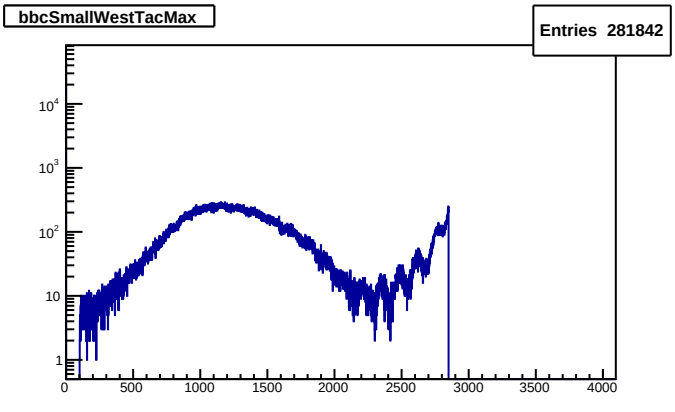
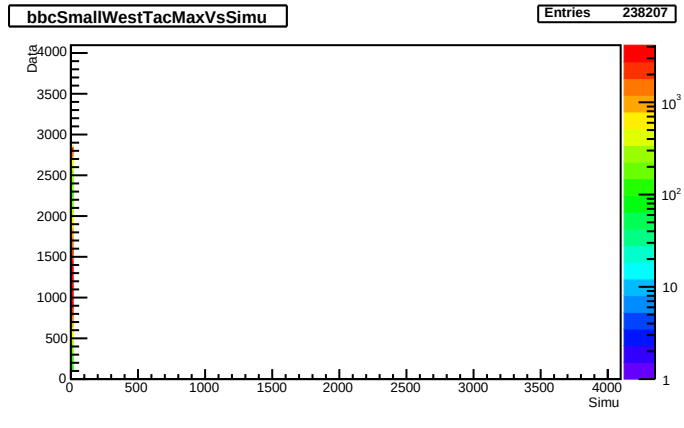
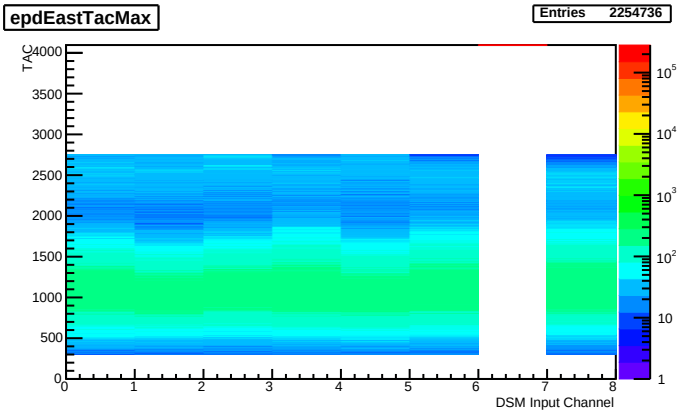
Entries 220042
Data
Simu

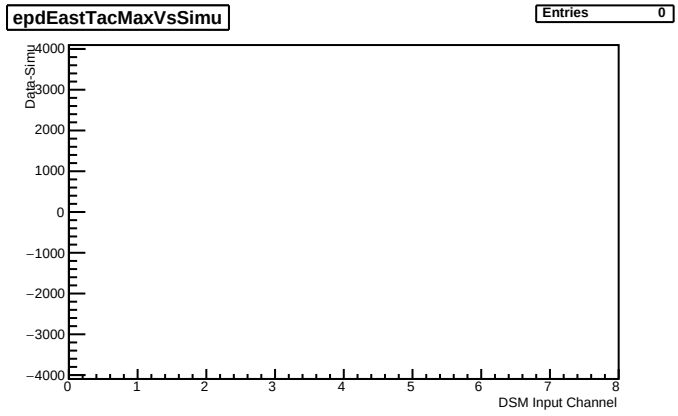

bbcSmallWestAdcSum
Entries 281842

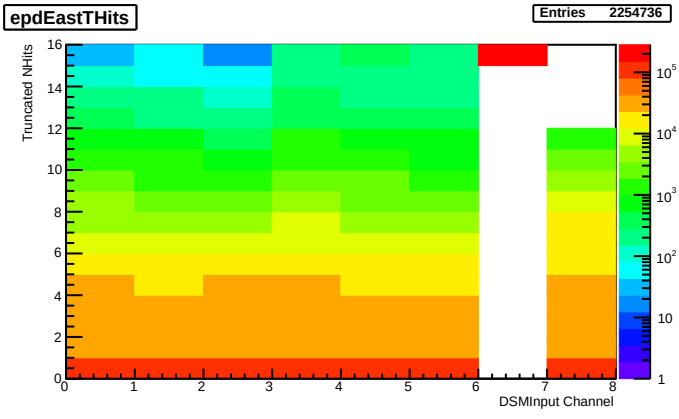

bbcSmallWestAdcSumVsSimu
Entries 238207
Data
Simu

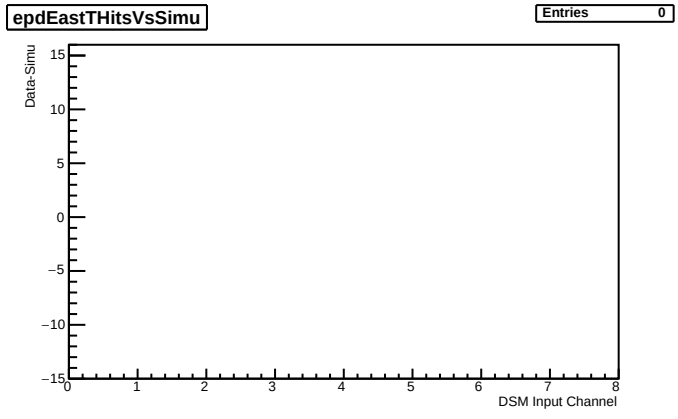

bbcSmallWestTacMax
Entries 281842


bbcSmallWestTacMaxVsSimu
Entries 238207
Data
Simu


epdEastTacMax
Entries 2254736
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2254736
Truncated NHits
DSMInput Channel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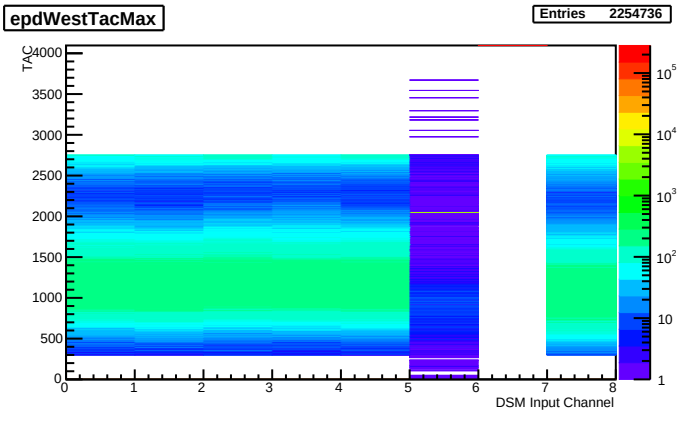
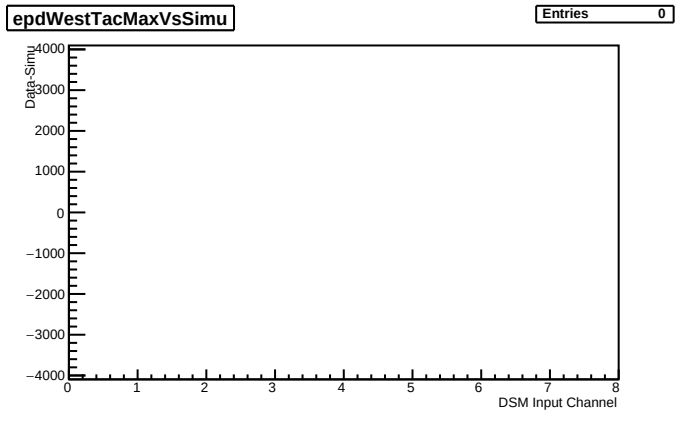
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2254736
TAC
DSM Input Channel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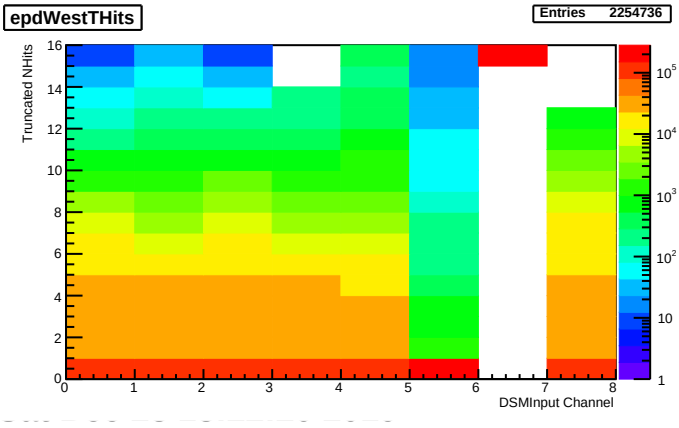
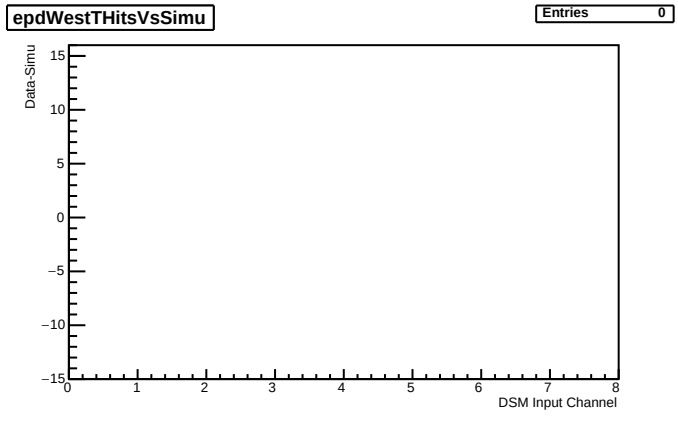
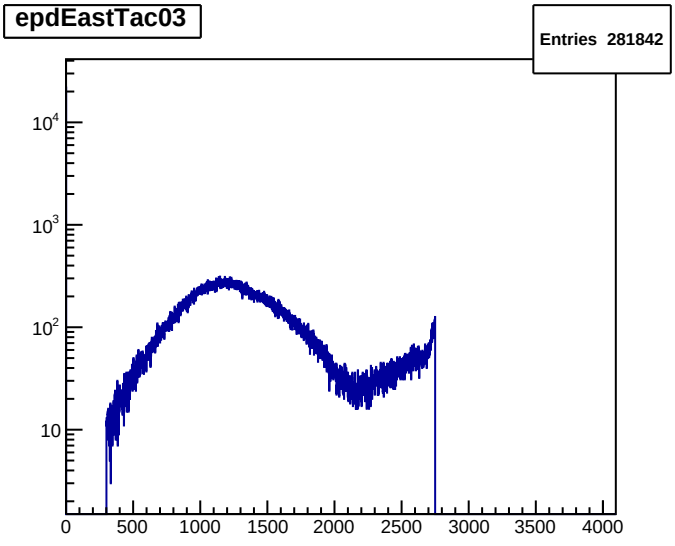
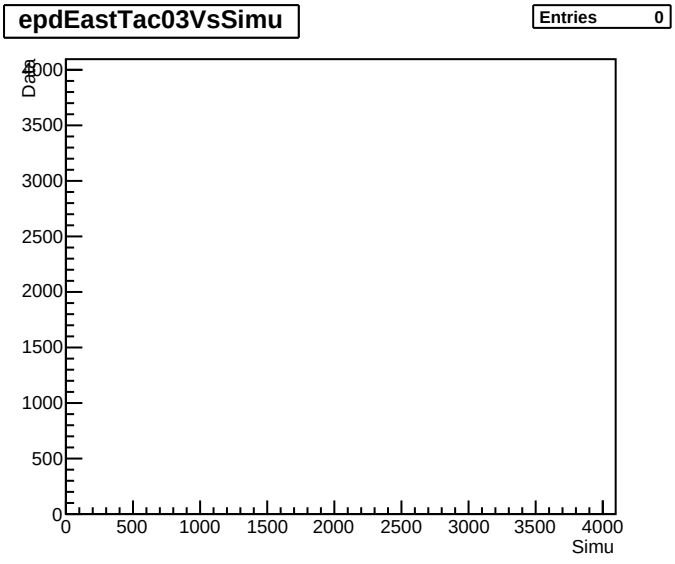
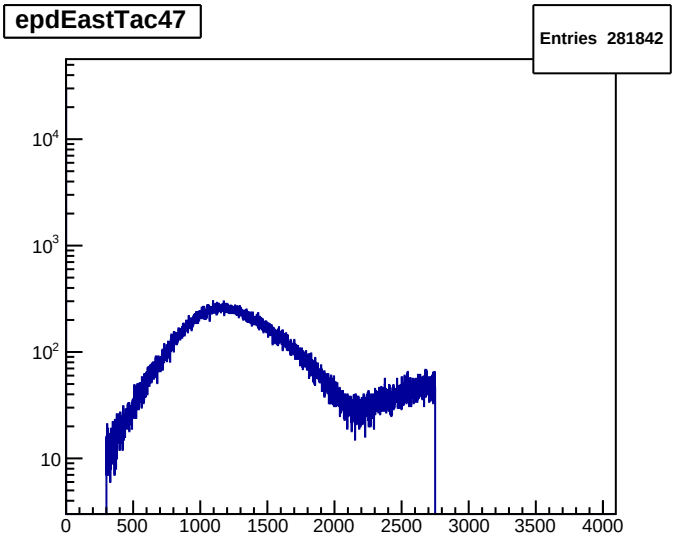
Entries 0
Data-Simu
DSM Input Channel

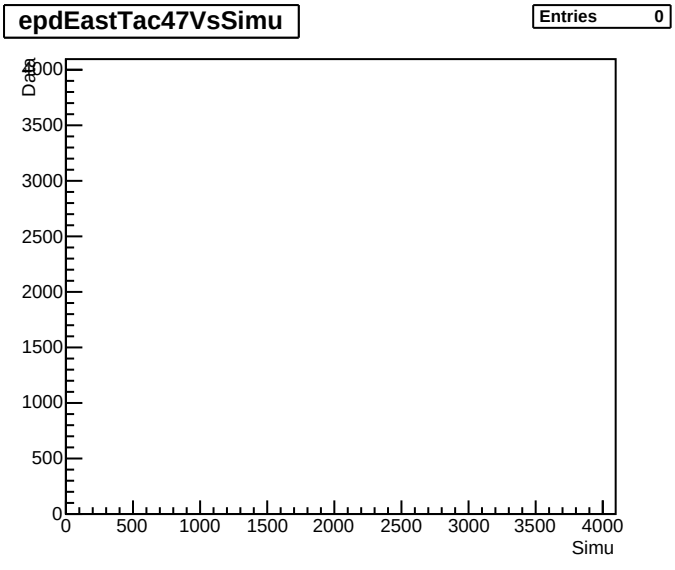

epdWestTHits
Entries 2254736
Truncated NHits
DSMInput Channel

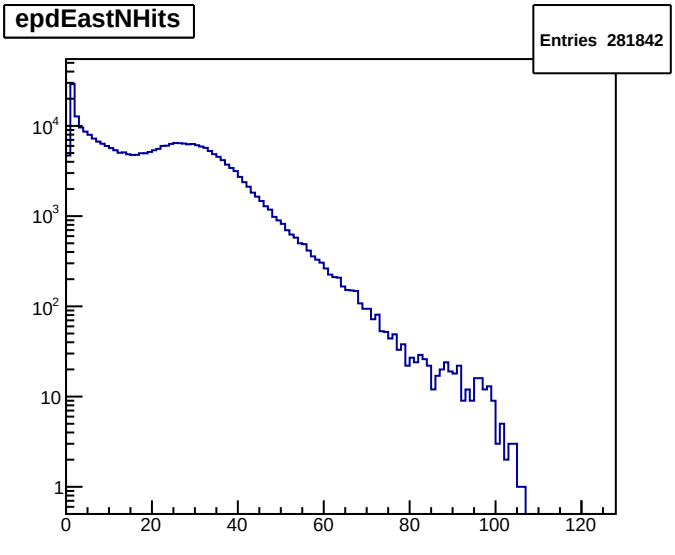

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

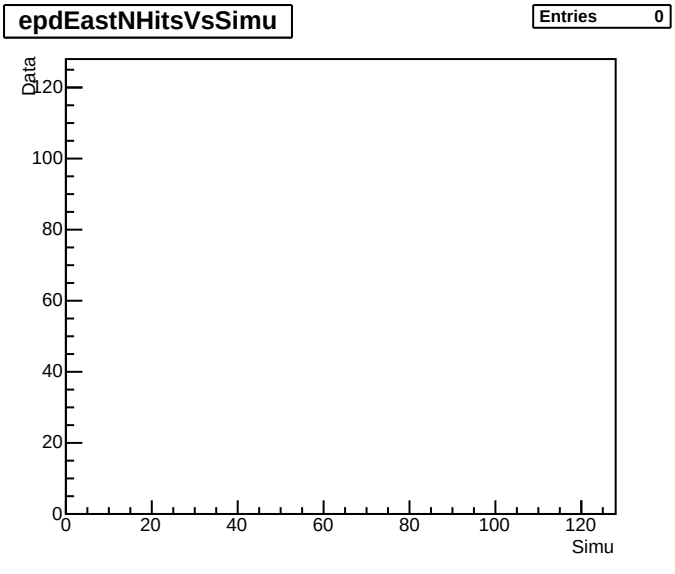

epdEastTac03
Entries 281842

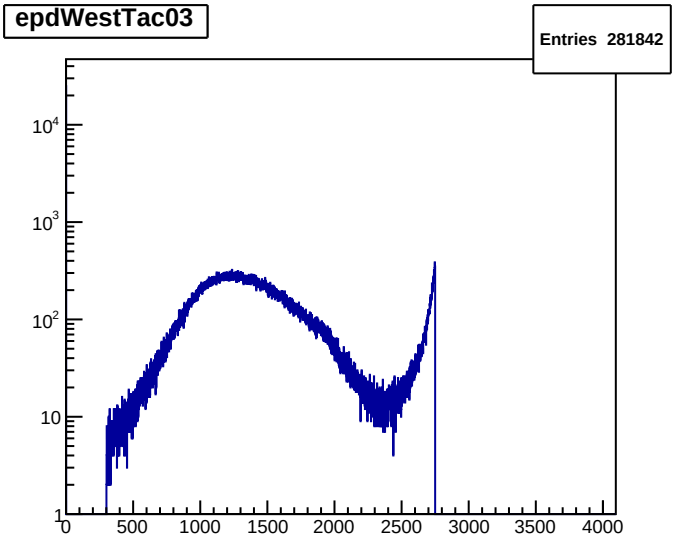

epdEastTac03VsSimu
Entries 0
Data
Simu

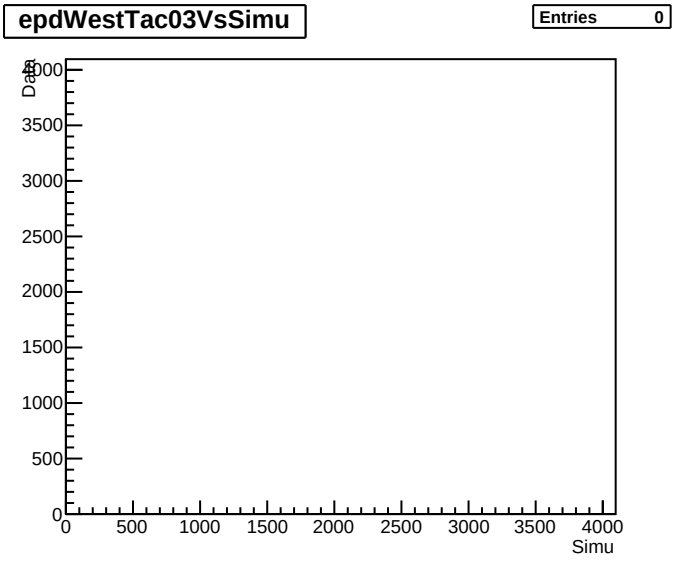

epdEastTac47
Entries 281842

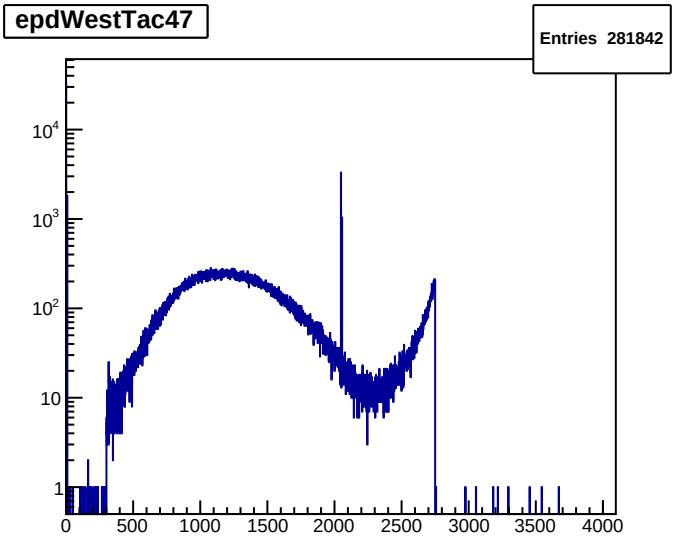

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 281842


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 281842


epdWestTac03VsSimu
Entries 0
Data
Simu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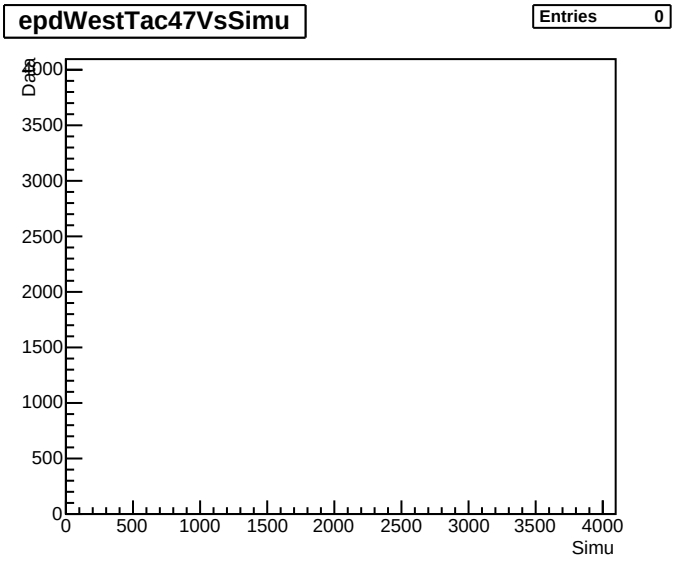
Entries 281842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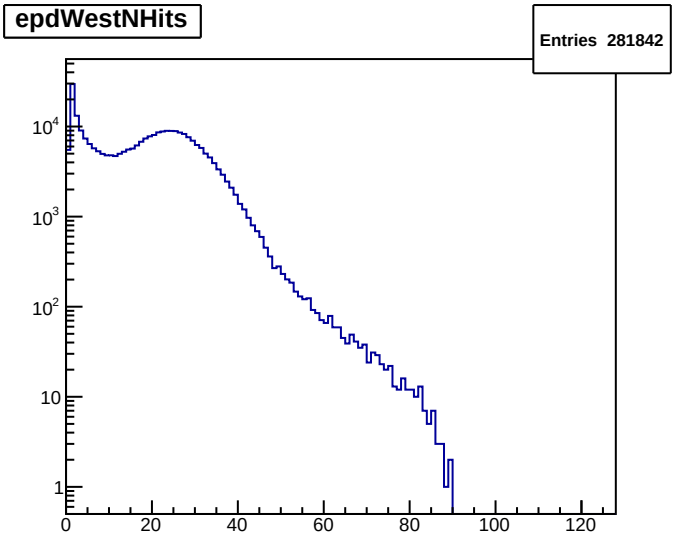
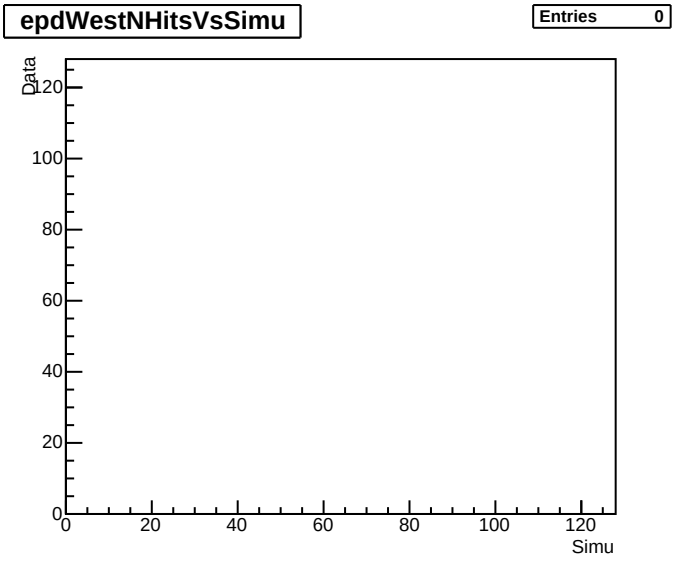
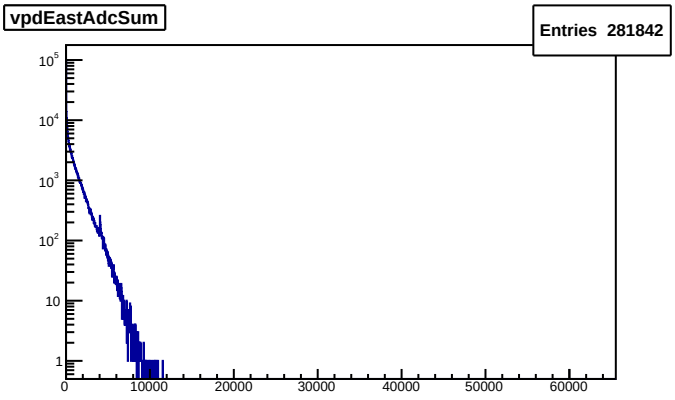
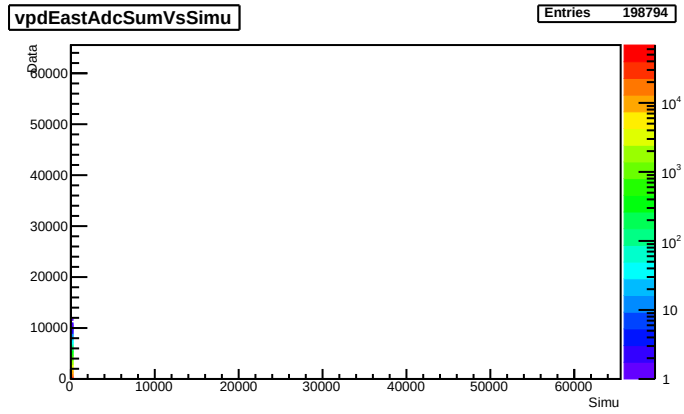
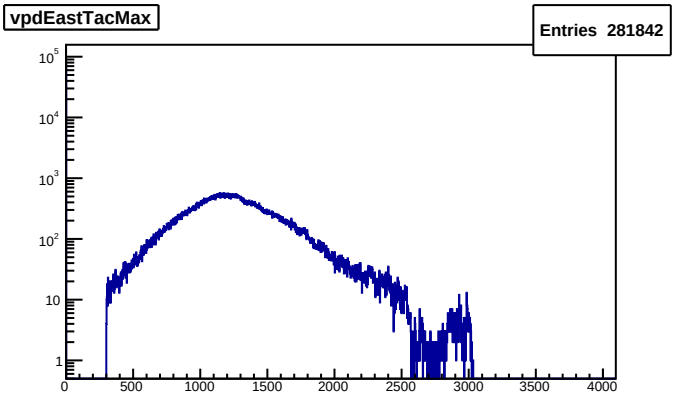
Entries 0
Data
Simu

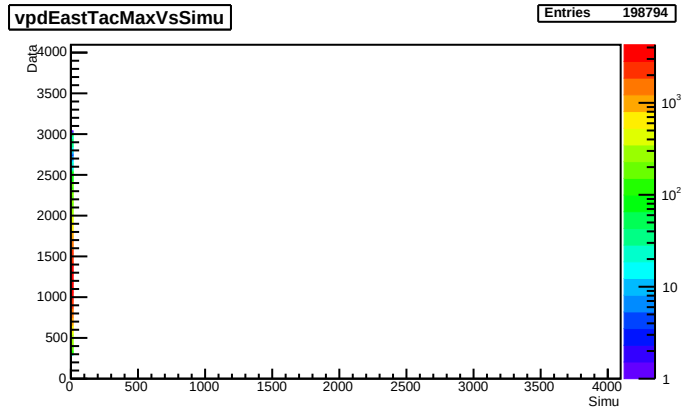

epdWestNHits
Entries 281842

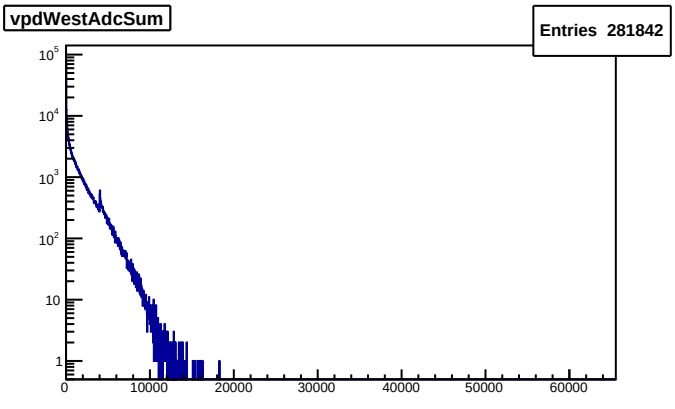

epdWestNHitsVsSimu
Entries 0
Data
Simu

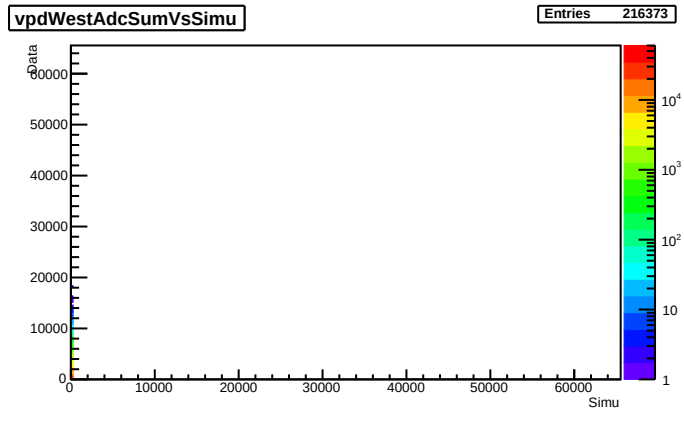

vpdEastAdcSum
Entries 281842

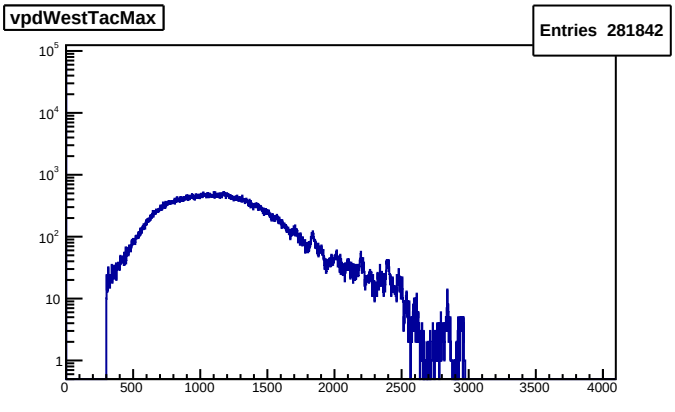

vpdEastAdcSumVsSimu
Entries 198794
Data
Simu

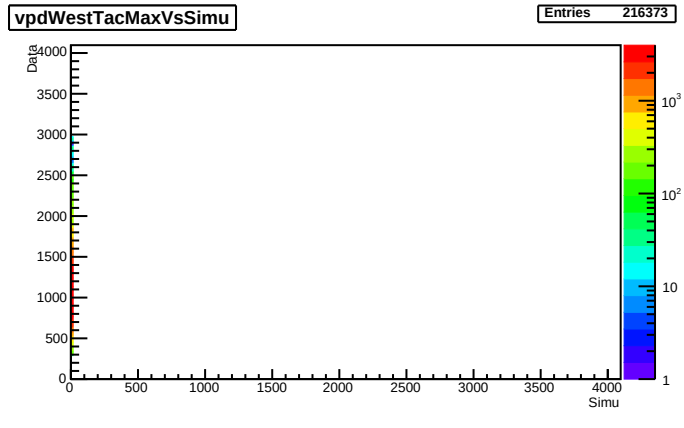

vpdEastTacMax
Entries 281842

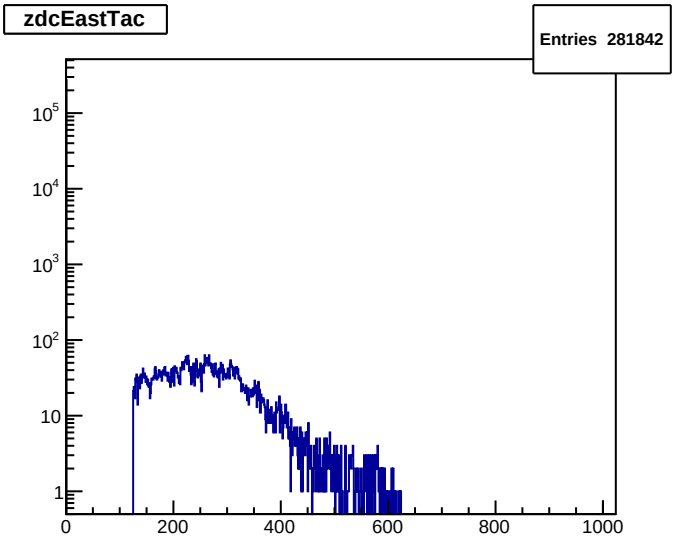

vpdEastTacMaxVsSimu
Entries 198794
Data
Simu

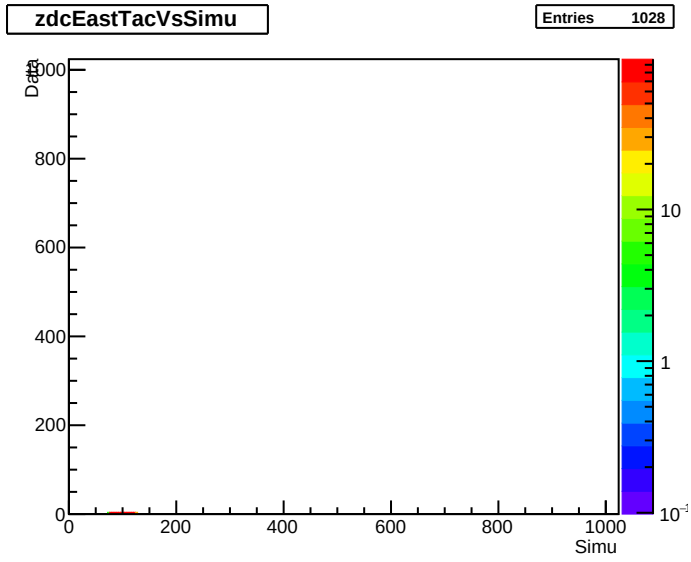

vpdWestAdcSum
Entries 281842

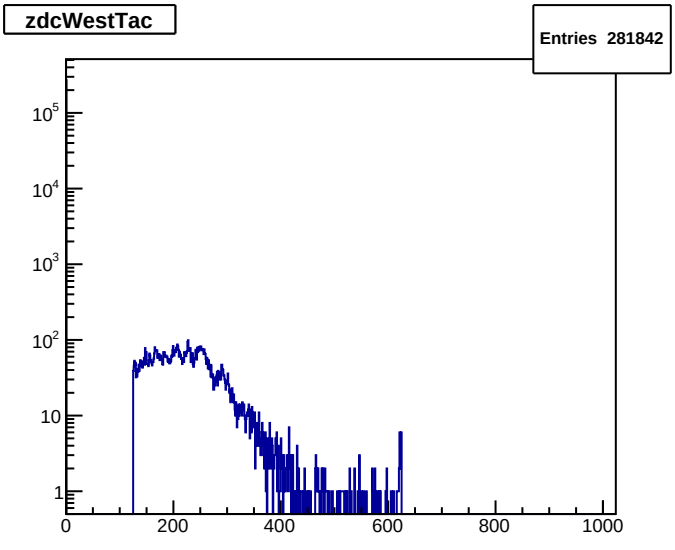

vpdWestAdcSumVsSimu
Entries 216373
Data
Simu

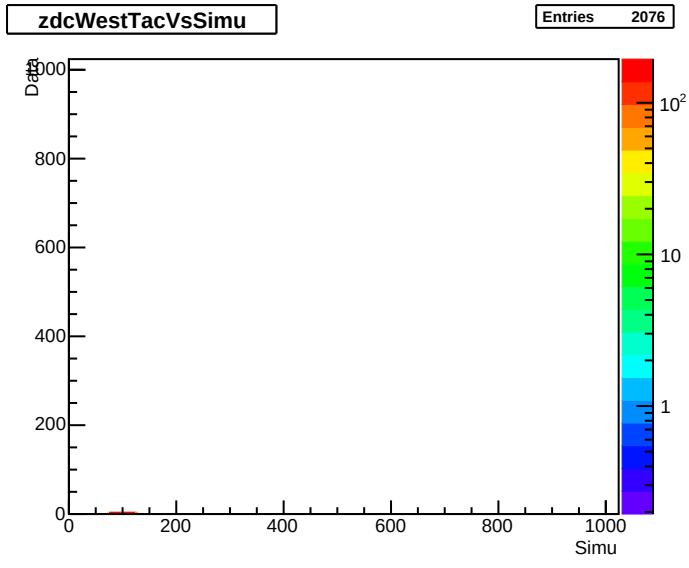

vpdWestTacMax
Entries 281842

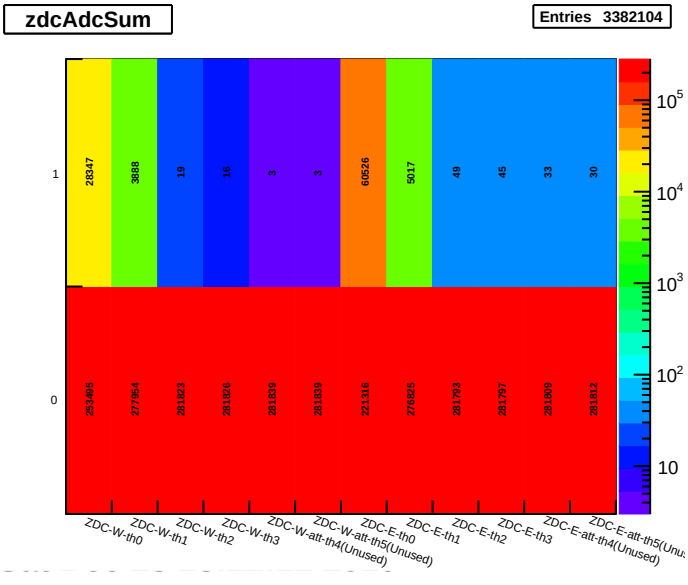

vpdWestTacMaxVsSimu
Entries 216373
Data
Simu

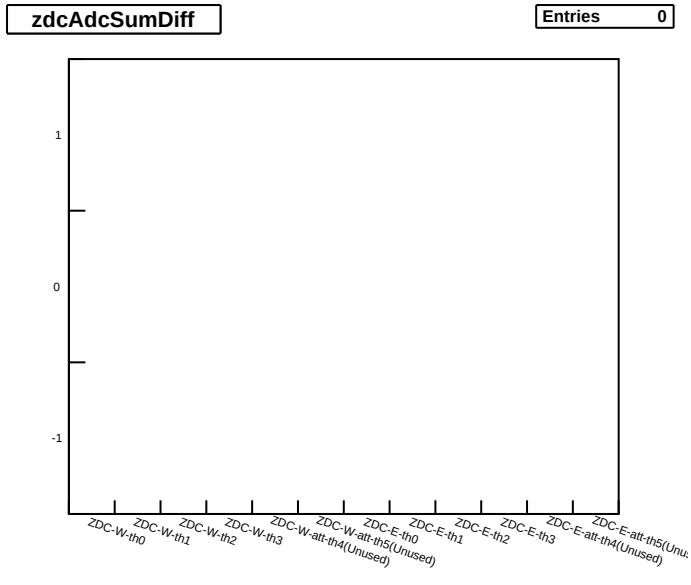

zdcEastTac
Entries 281842

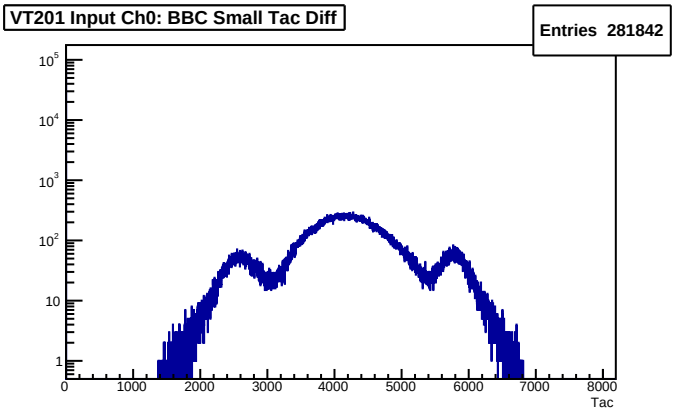

zdcEastTacVsSimu
Entries 1028
Data
Simu

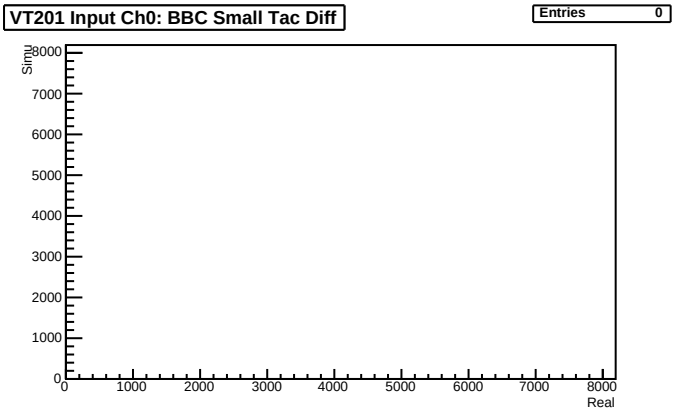

zdcWestTac
Entries 281842

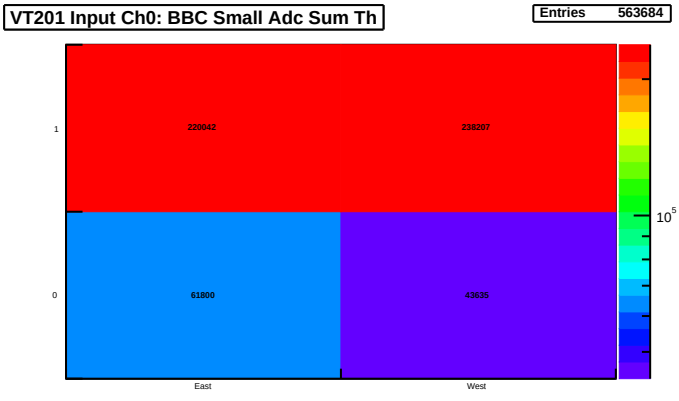

zdcWestTacVsSimu
Entries 2076
Data
Simu

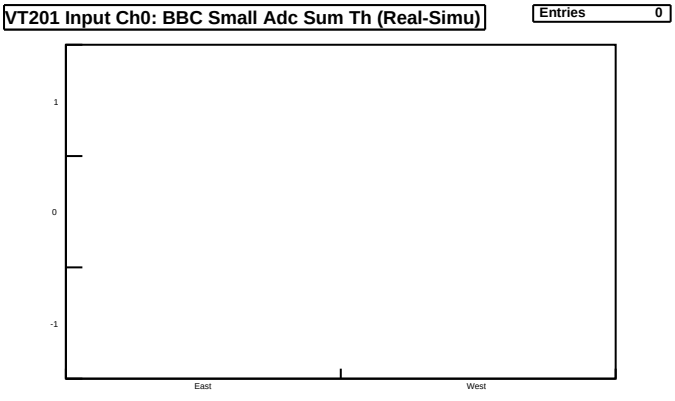

zdcAdcSum
Entries 3382104
28347
3888
19
16
3
3
60526
5017
49
45
33
30
253495
277954
281823
281826
281839
281839
221316
276825
281793
281797
281809
281812
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

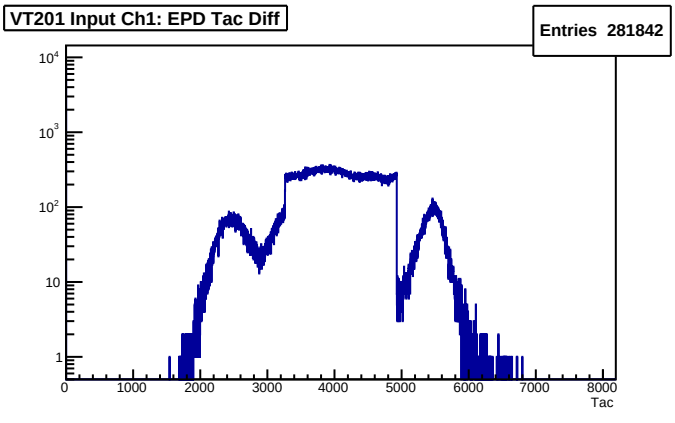

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

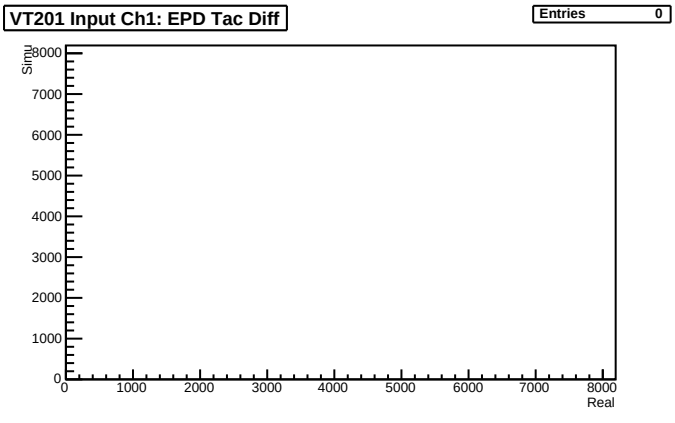

VT201 Input Ch0: BBC Small Tac Diff
Entries 281842
Tac

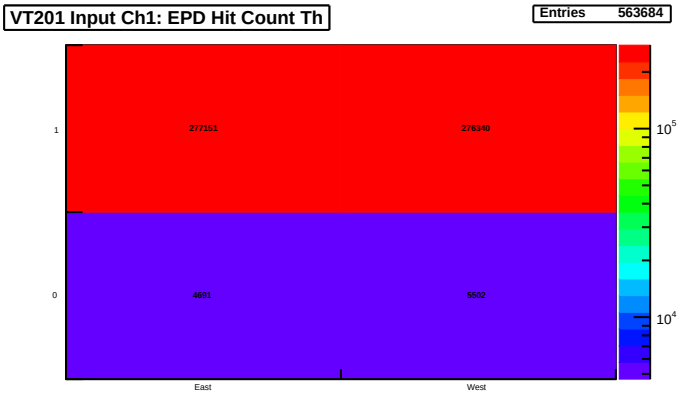

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

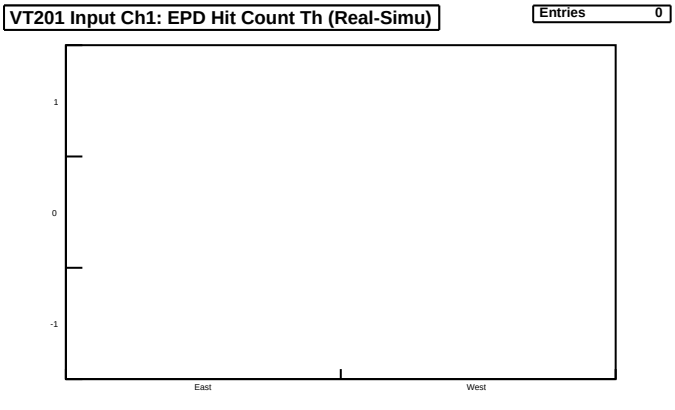

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 563684
220042
238207
61800
43635
East
West

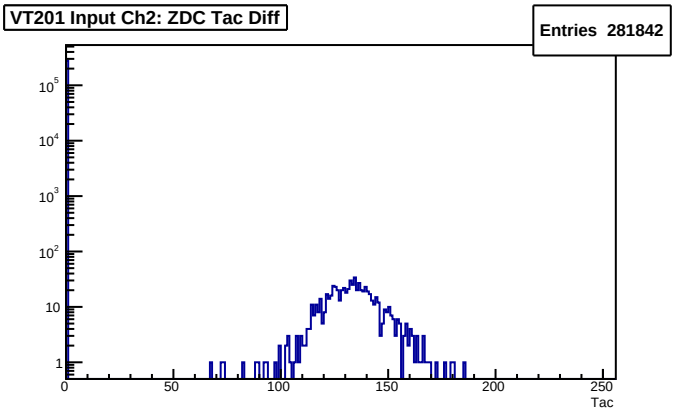

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

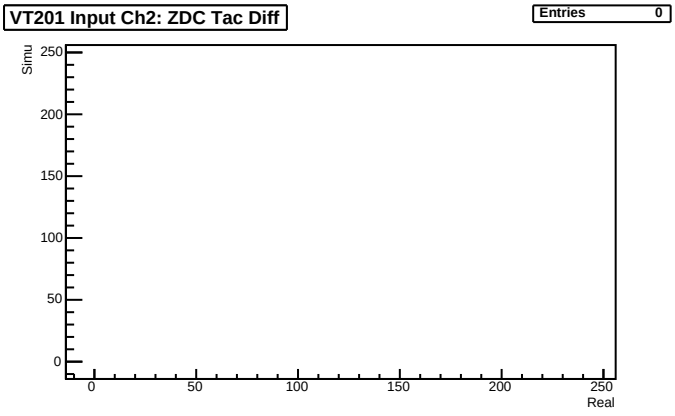

VT201 Input Ch1: EPD Tac Diff
Entries 281842
Tac

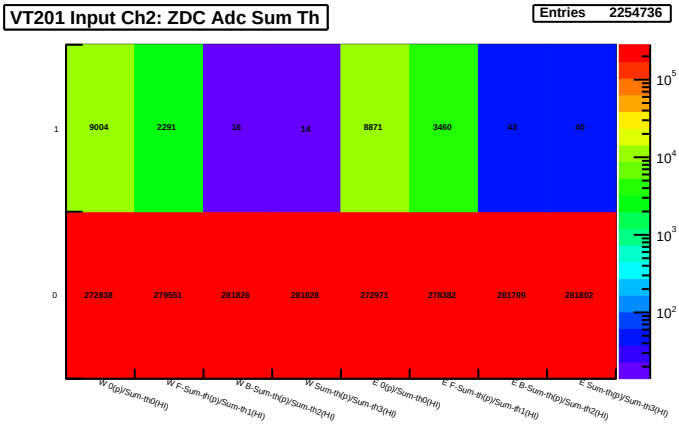

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

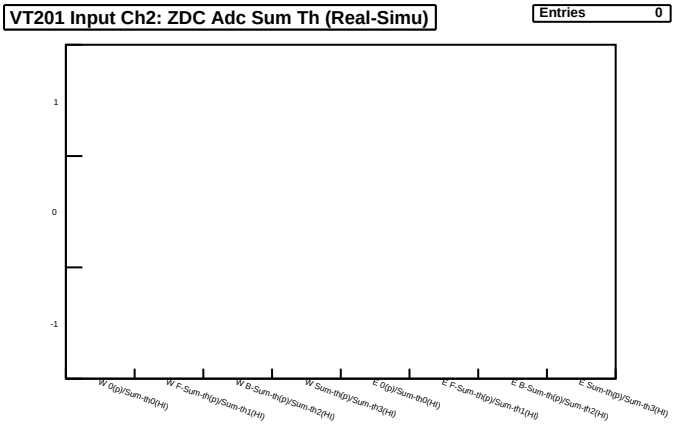

VT201 Input Ch1: EPD Hit Count Th
Entries 563684
277151
276340
4691
5502
East
West

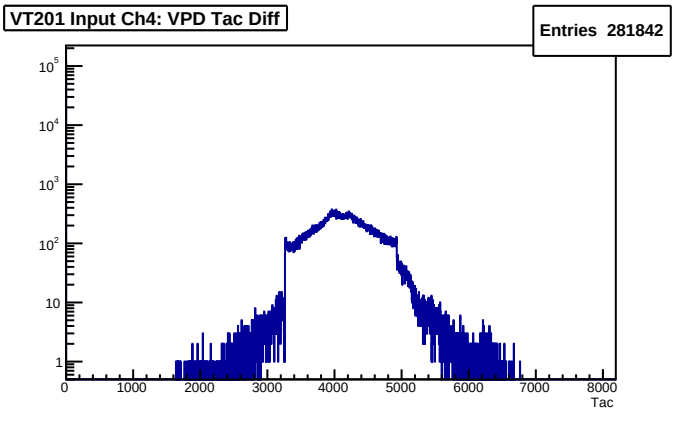

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

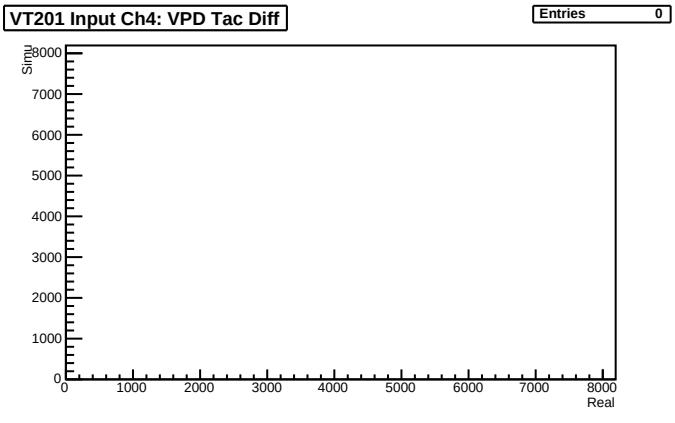

VT201 Input Ch2: ZDC Tac Diff
Entries 281842
Tac

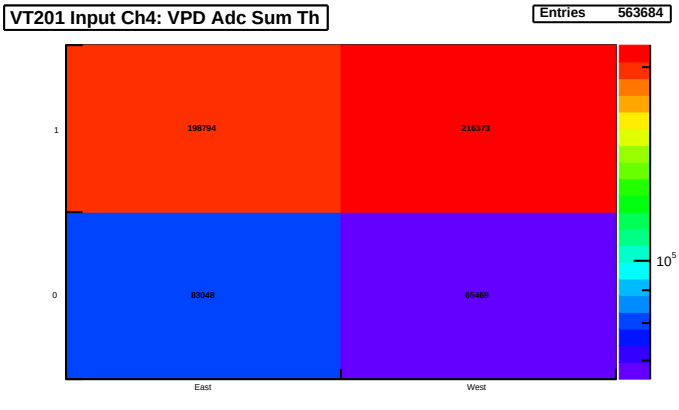

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

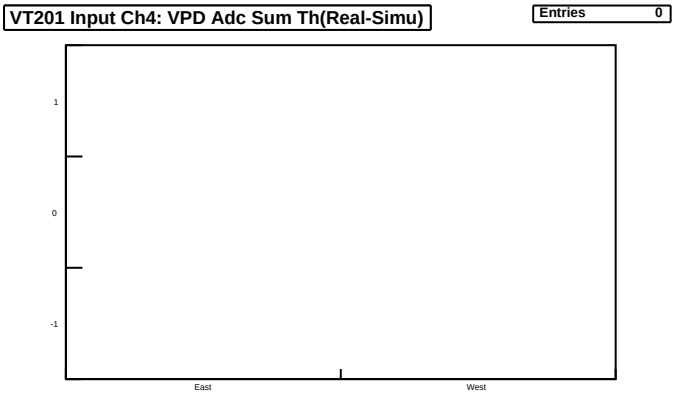

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2254736
9004
2291
16
14
8871
3460
43
40
272838
279551
281826
281828
272971
278382
281799
281802
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

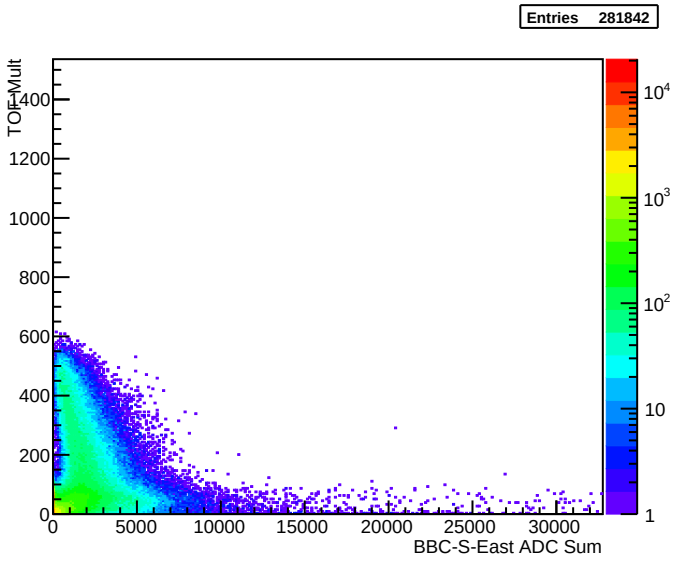

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

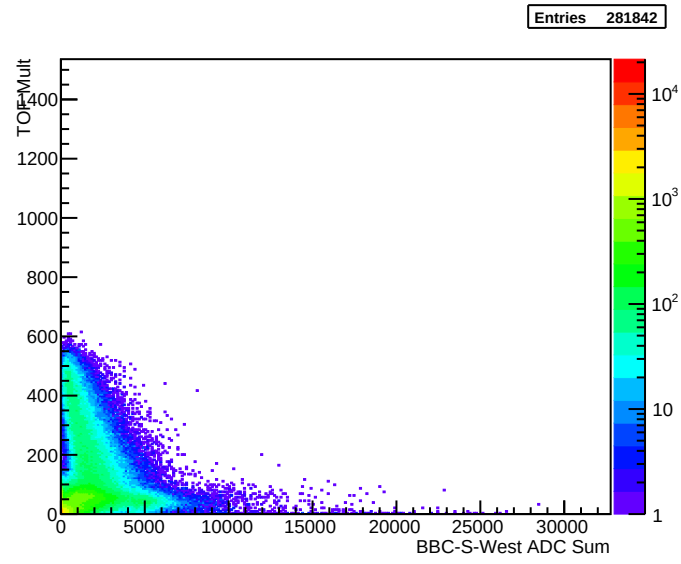

VT201 Input Ch4: VPD Tac Diff
Entries 281842
Tac

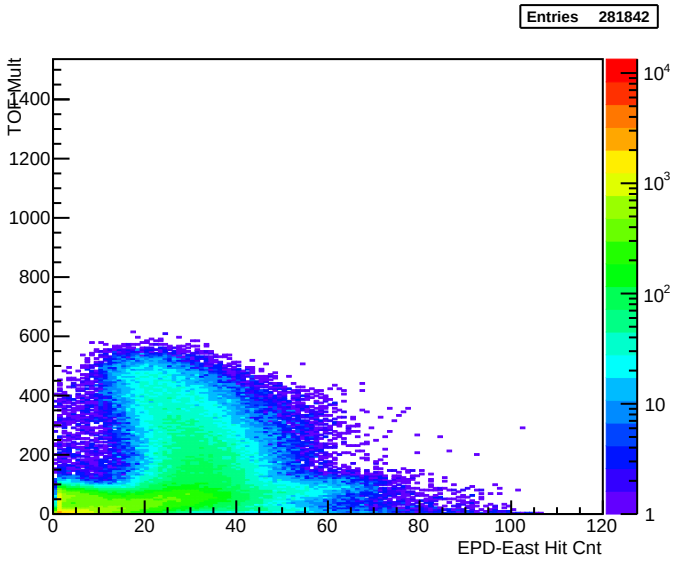

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

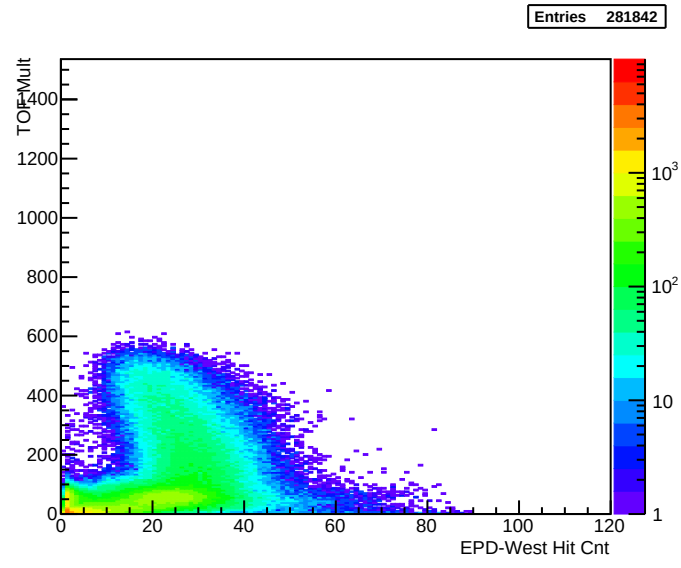

VT201 Input Ch4: VPD Adc Sum Th
Entries 563684
198794
216373
83048
65469
East
West

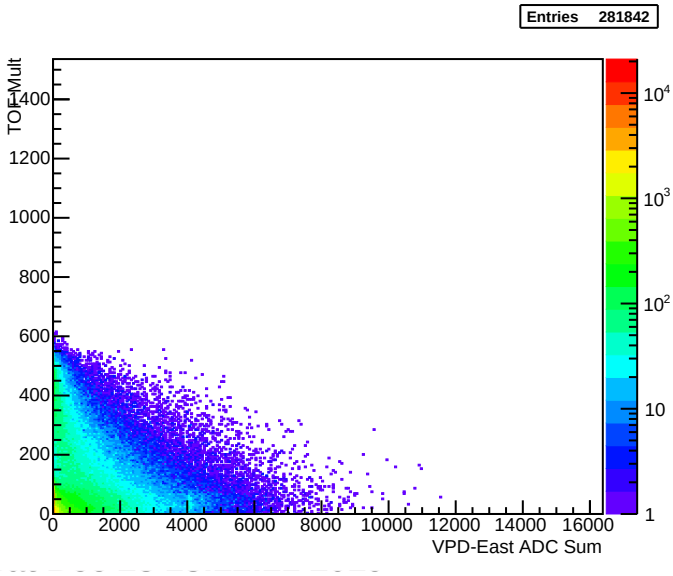

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

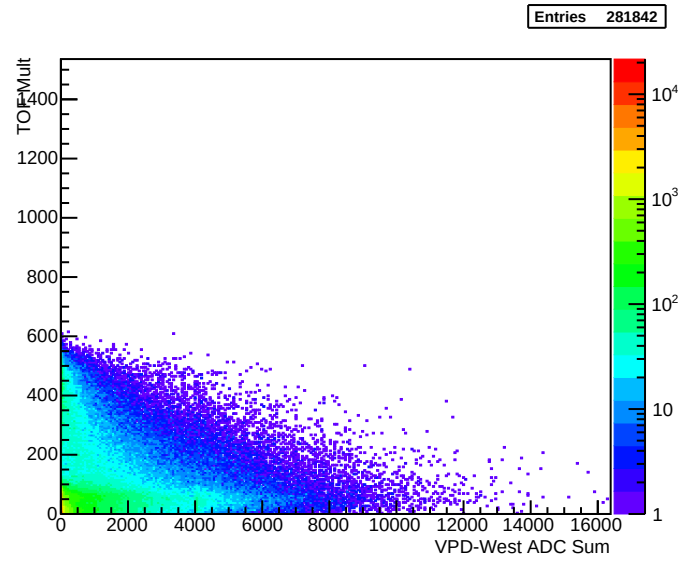

Entries 281842
TOF-Mult
BBC-S-East ADC Sum

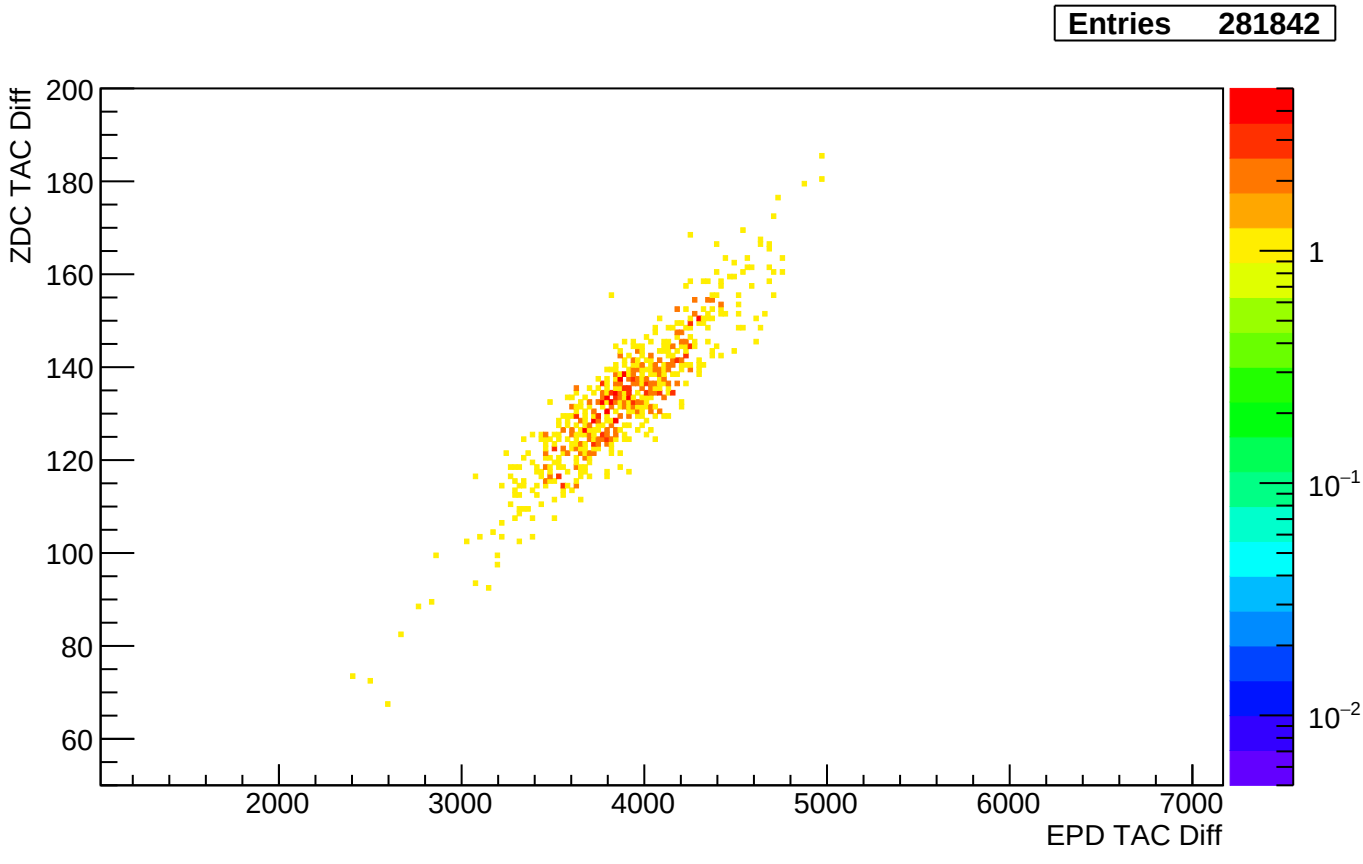

Entries 281842
TOF-Mult
BBC-S-West ADC Sum

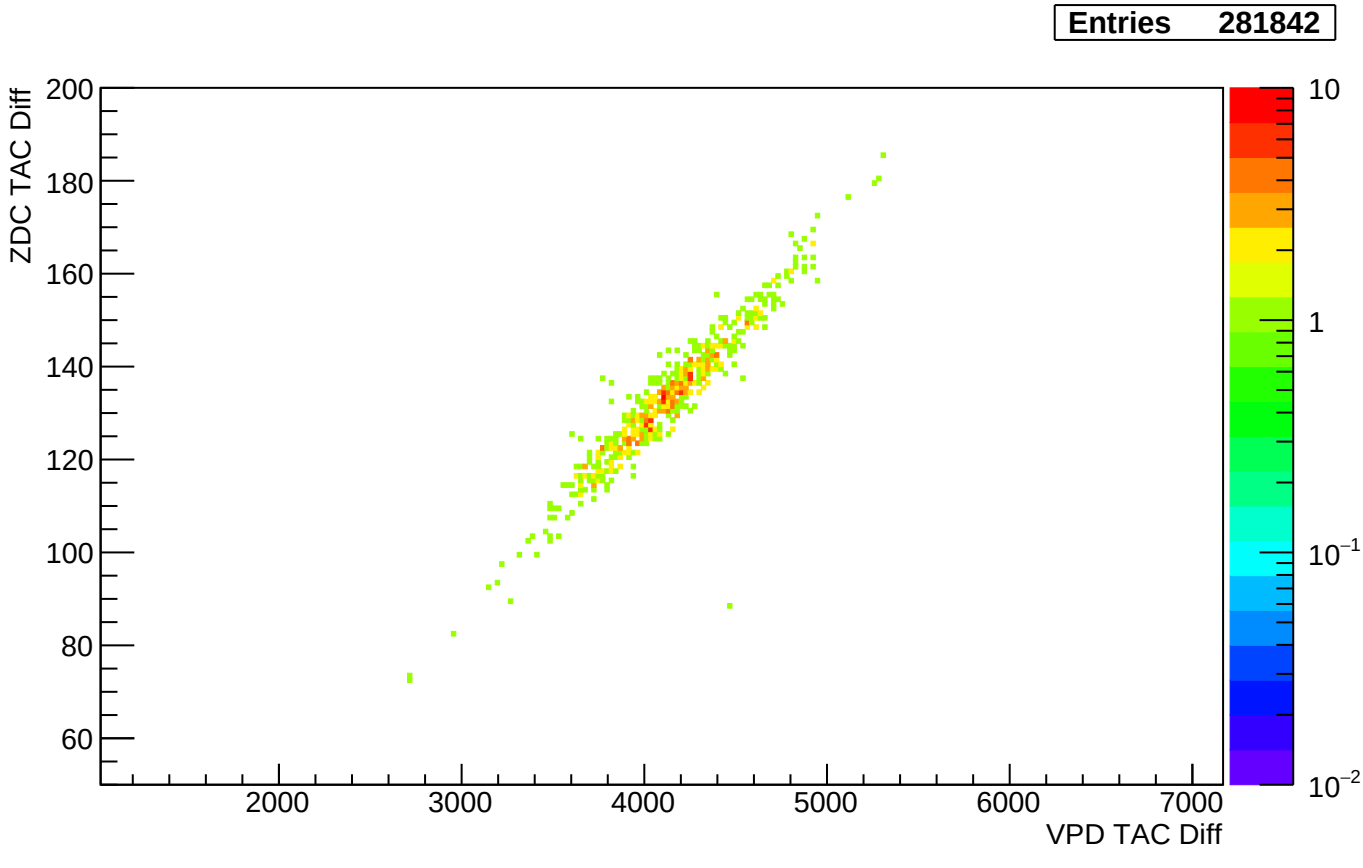

Entries 281842
TOF-Mult
EPD-East Hit Cnt

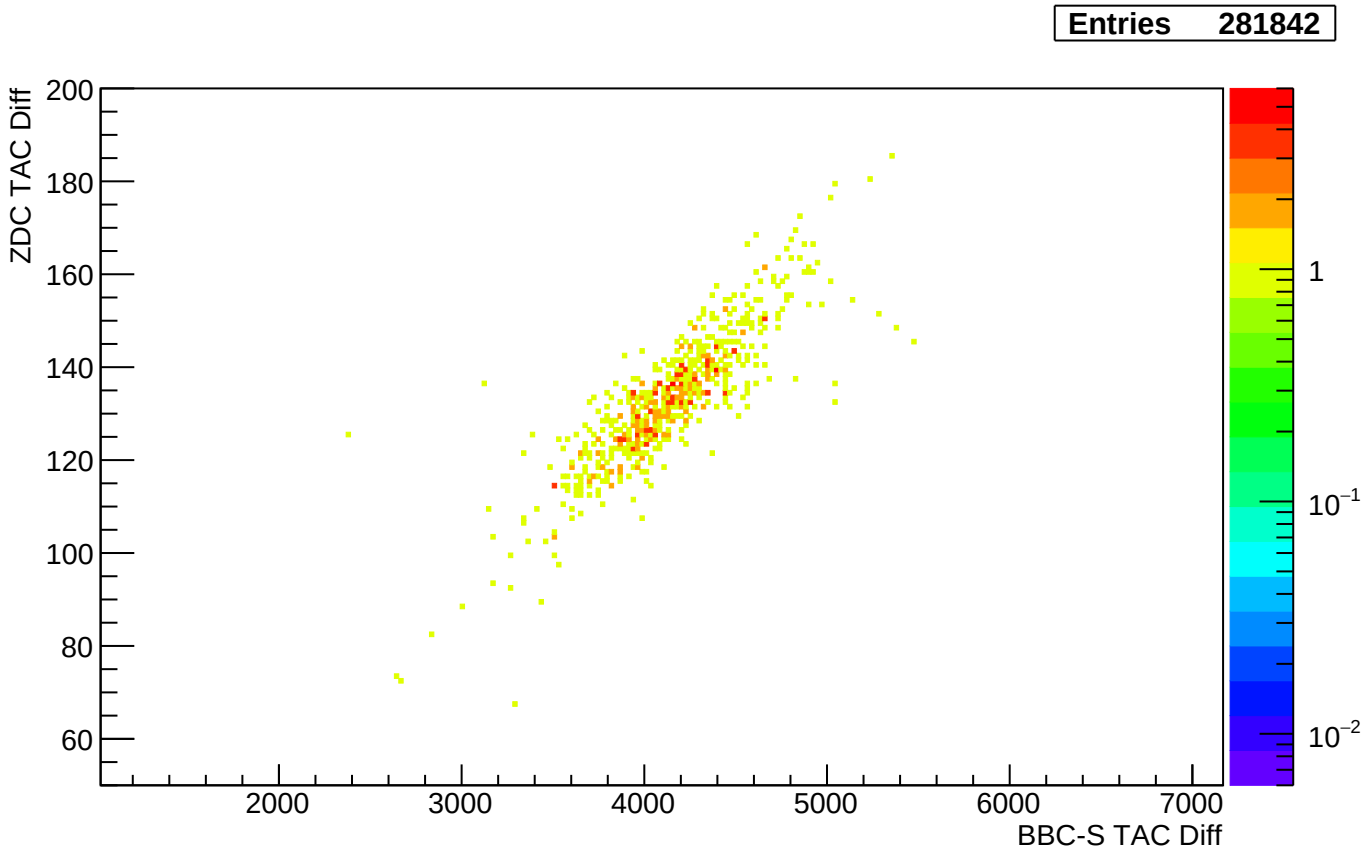

Entries 281842
TOF-Mult
EPD-West Hit Cnt

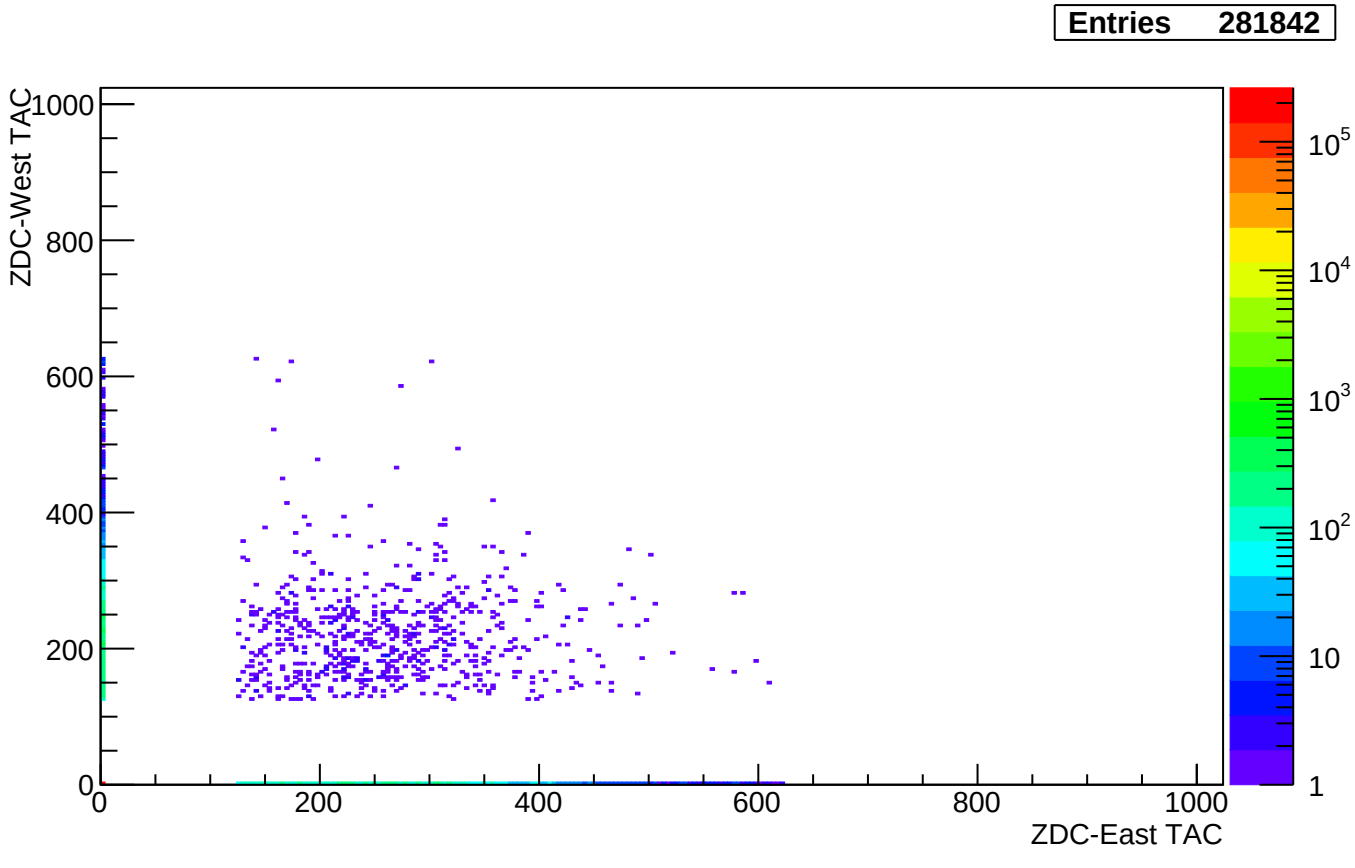

Entries 281842
TOF-Mult
VPD-East ADC Sum

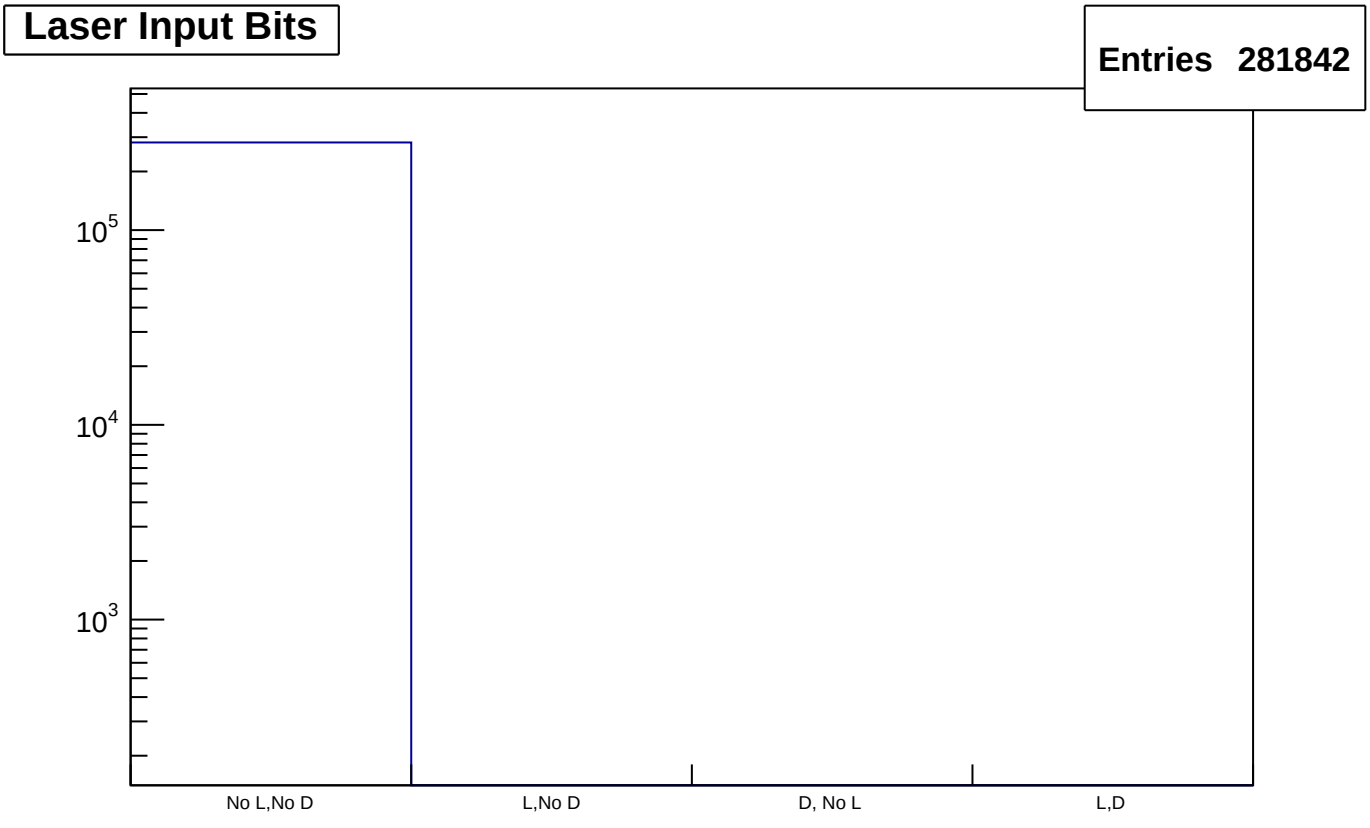

Entries 281842
TOF-Mult
VPD-West ADC Sum

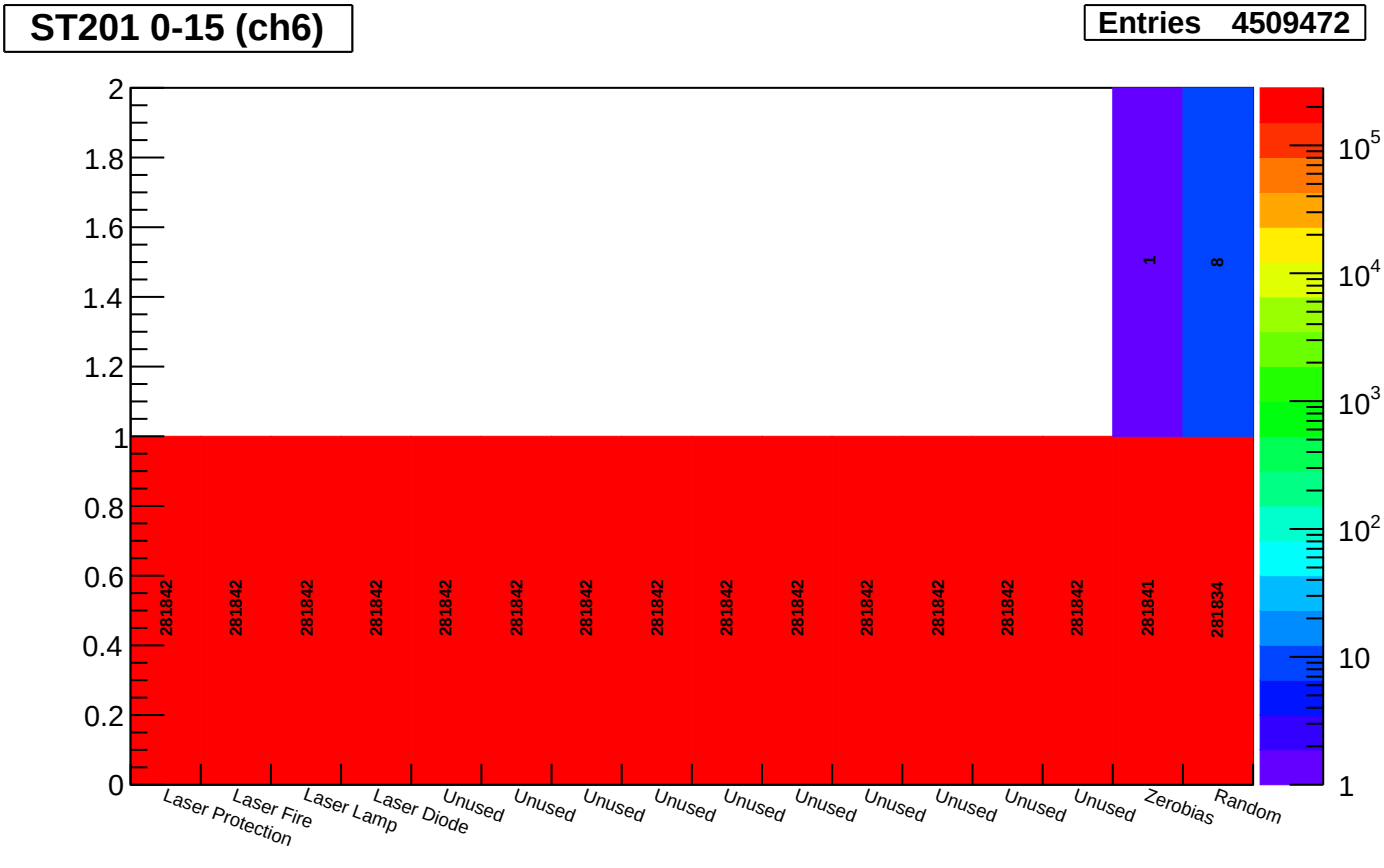

Entries 281842
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

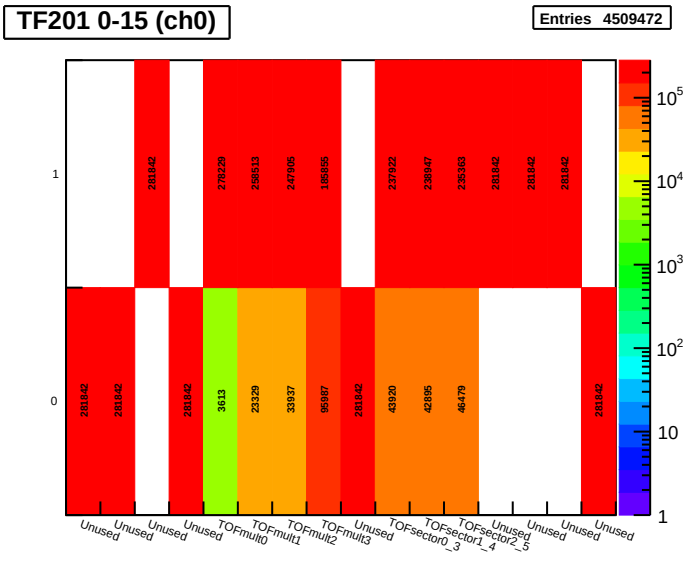

Entries 281842
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}
10^{-2}

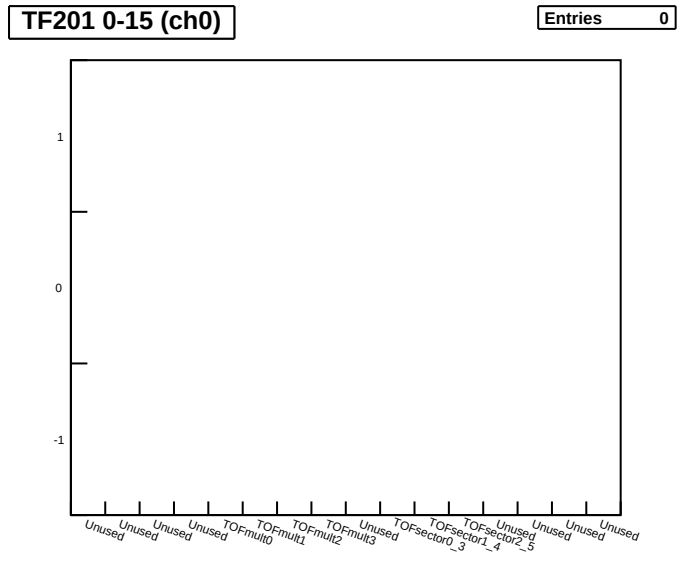

Entries 281842
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

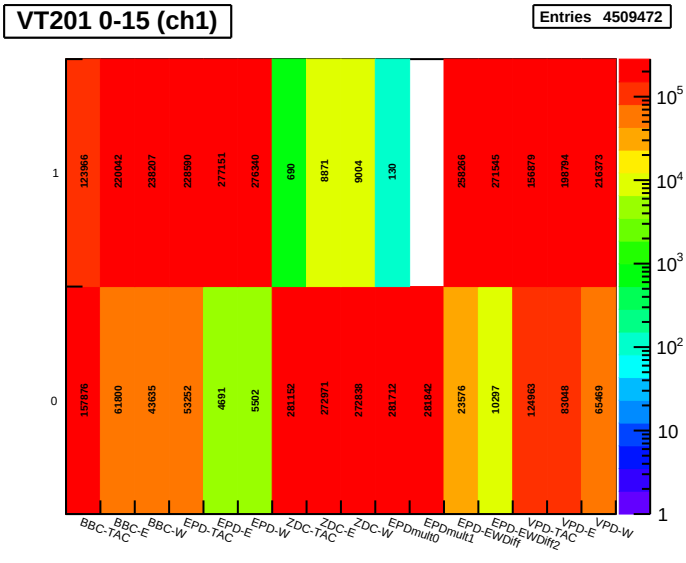

Entries 281842
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

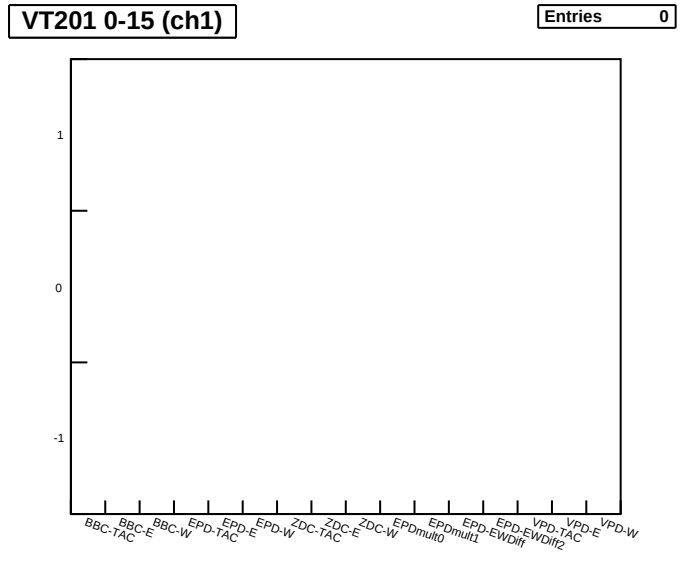

Laser Input Bits
Entries 281842
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

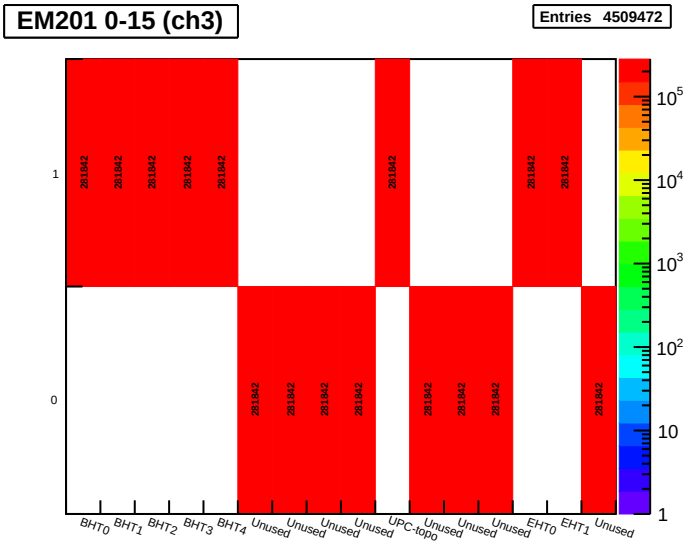

ST201 0-15 (ch6)
Entries 4509472
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
281842
281842
281842
281842
281842
281842
281842
281842
281842
281842
281842
281842
281842
281842
281841
281834
1
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

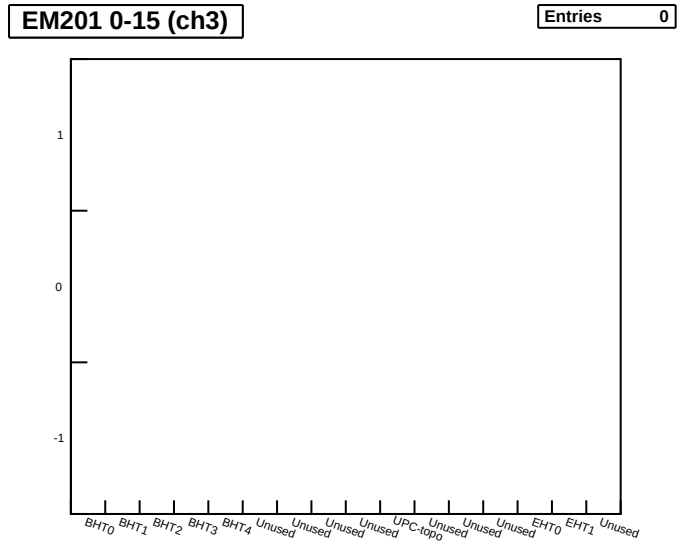

TF201 0-15 (ch0)
Entries 4509472
1
0
281842 281842 281842 3613 23329 33937 95987 281842 43920 42895 46479 281842
281842 276229 238513 247905 165855 237922 238947 235363 281842 281842 281842
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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


VT201 0-15 (ch1)
Entries 4509472
1
0
157876 61800 43635 53252 4691 5502 281152 272971 272838 281712 281842 23576 10297 124963 83048 65469
123966 220042 230207 228590 277151 276340 690 8871 9004 130 258266 271545 156879 198784 216373
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 4509472
1
0
281842 281842 281842 281842 281842 281842 281842 281842 281842
281842 281842 281842 281842 281842 281842 281842 281842
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