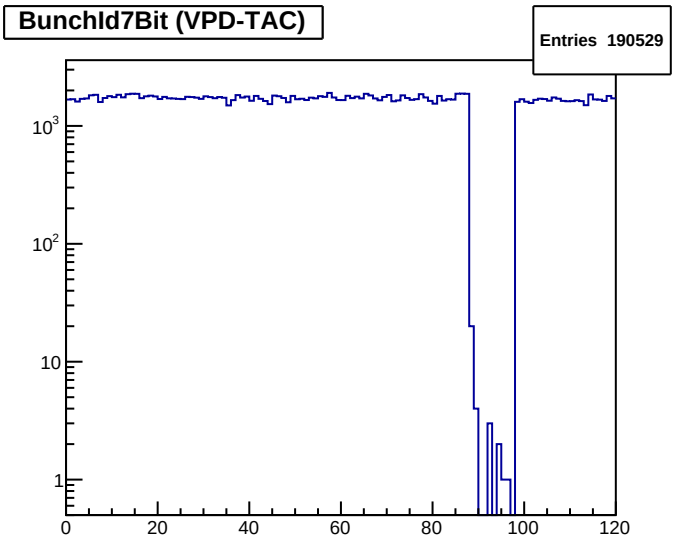
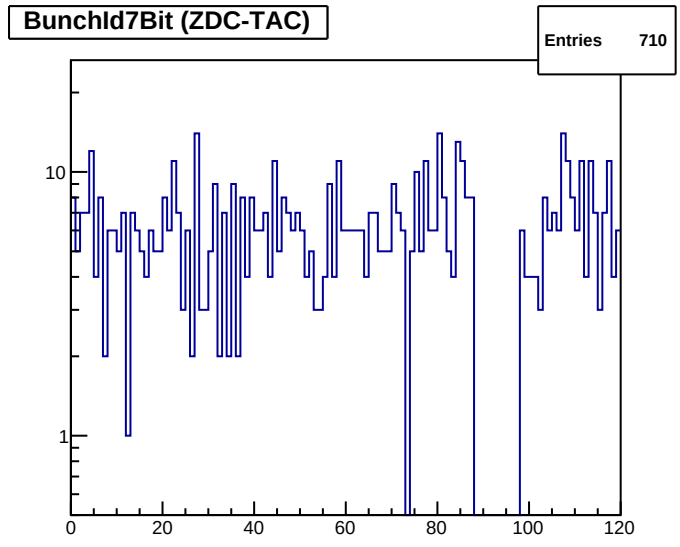
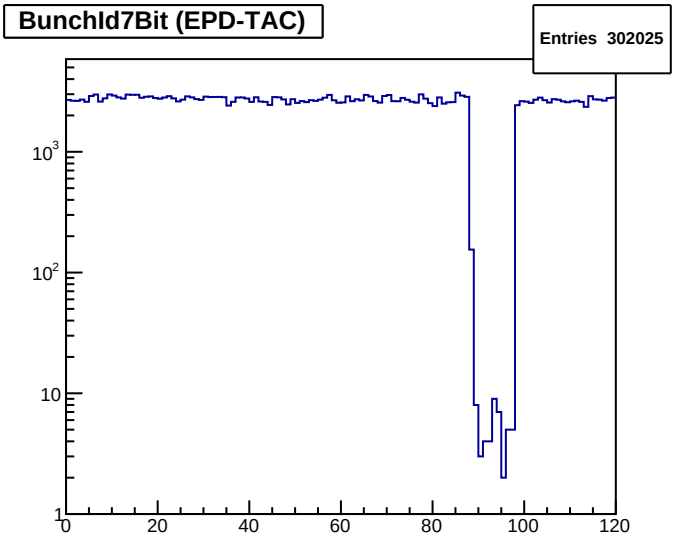
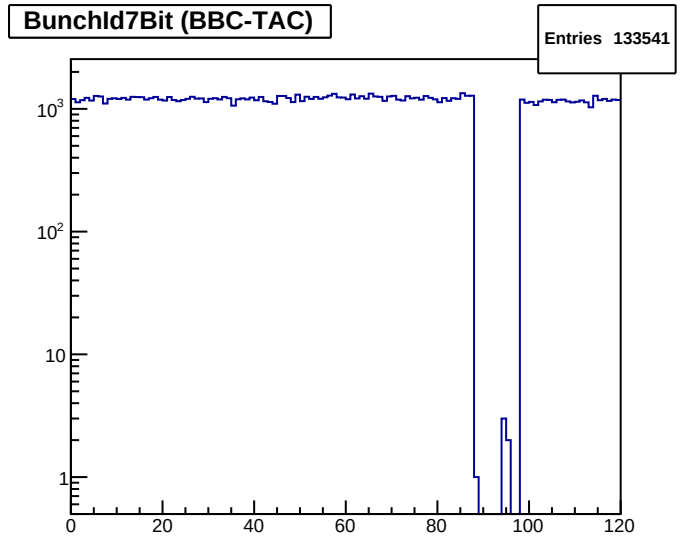
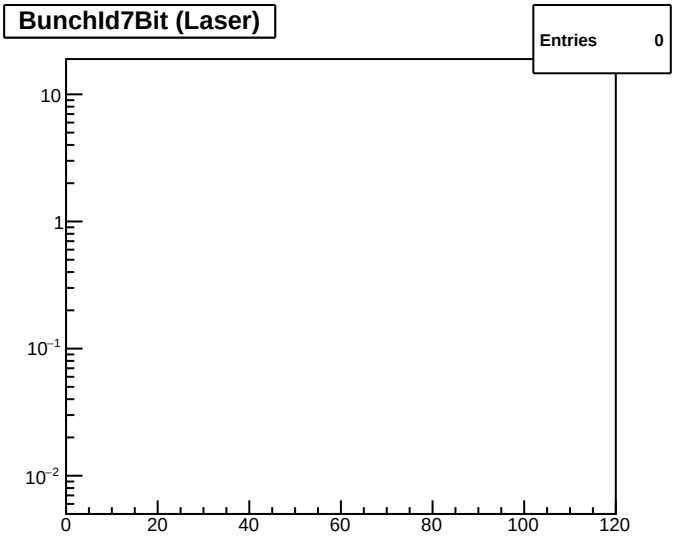
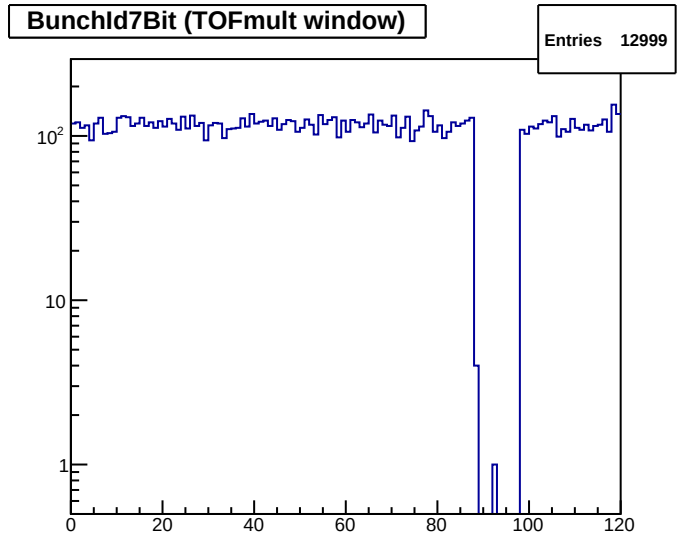

BunchId7Bit (VPD-TAC)
Entries 190529

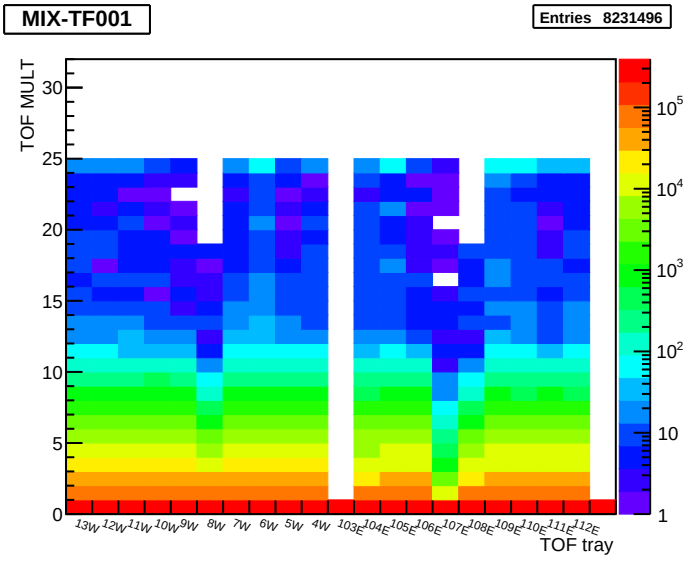

BunchId7Bit (ZDC-TAC)
Entries 710

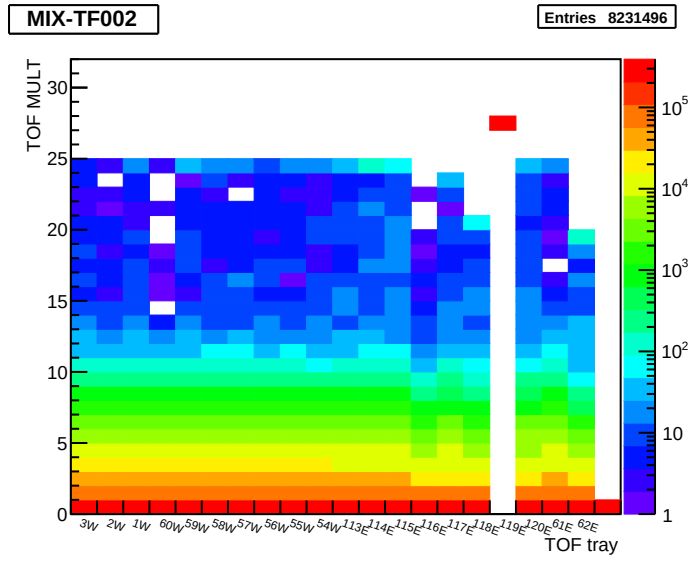

BunchId7Bit (EPD-TAC)
Entries 302025

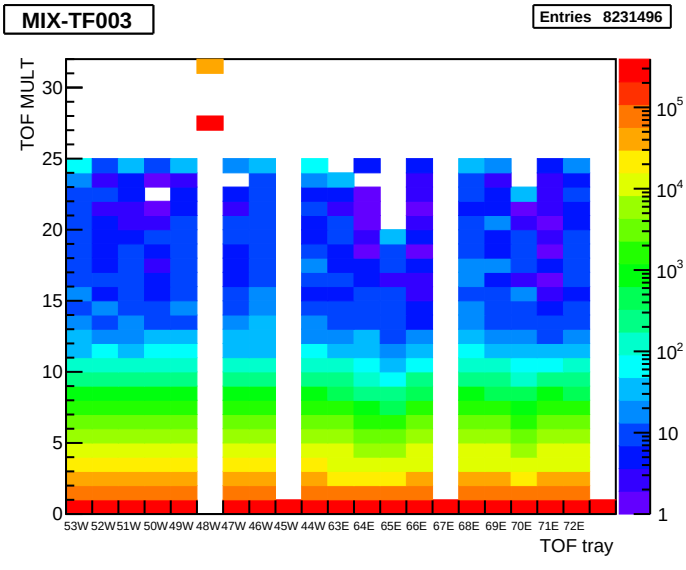

BunchId7Bit (BBC-TAC)
Entries 133541

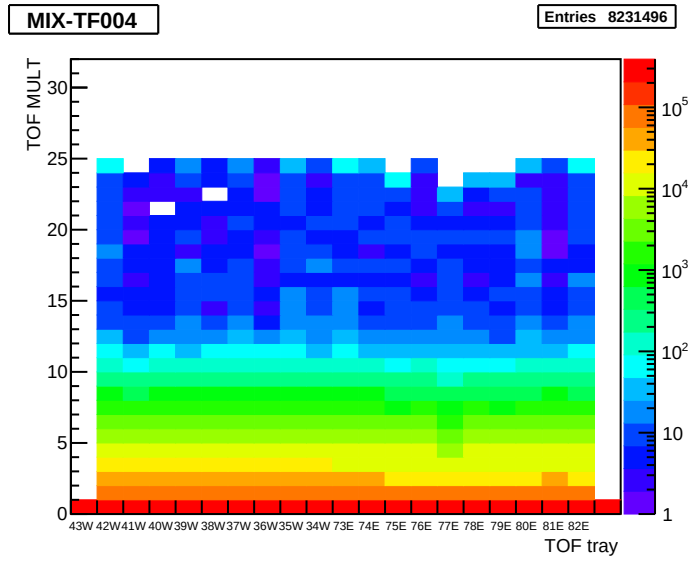

BunchId7Bit (Laser)
Entries 0

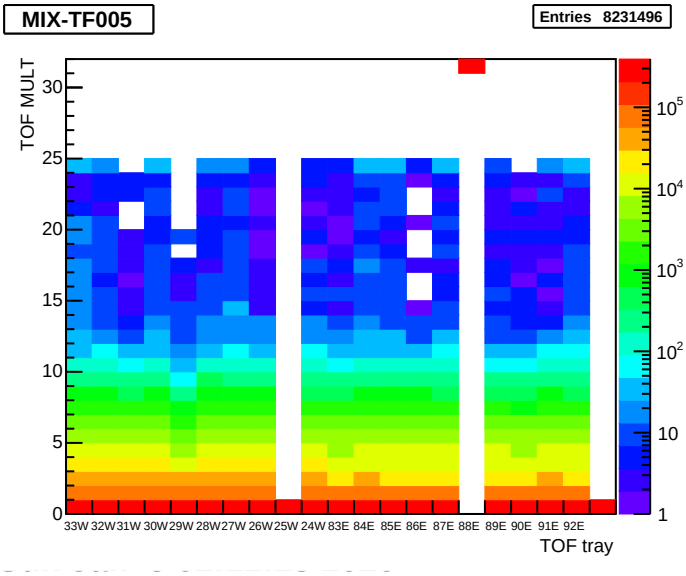

BunchId7Bit (TOFmult window)
Entries 12999

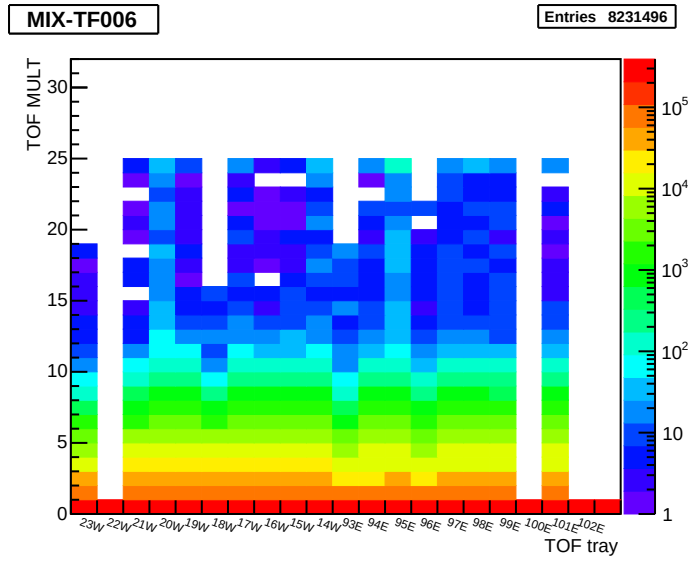

MIX-TF001
Entries 8231496
TOF MULT
TOF tray

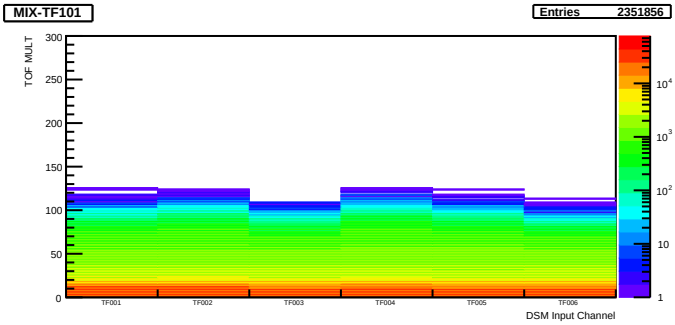

MIX-TF002
Entries 8231496
TOF MULT
TOF tray

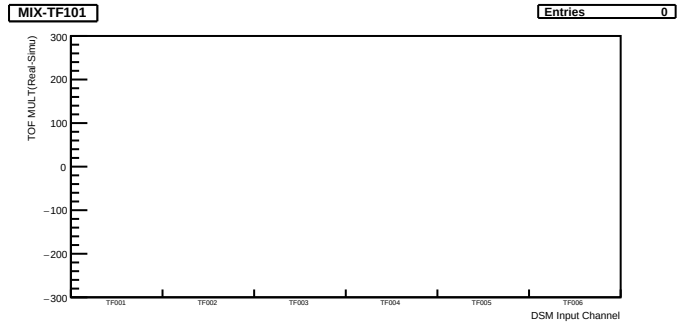

MIX-TF003
Entries 8231496
TOF MULT
TOF tray

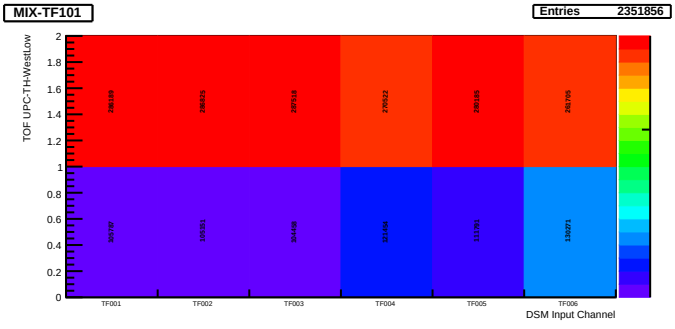

MIX-TF004
Entries 8231496
TOF MULT
TOF tray

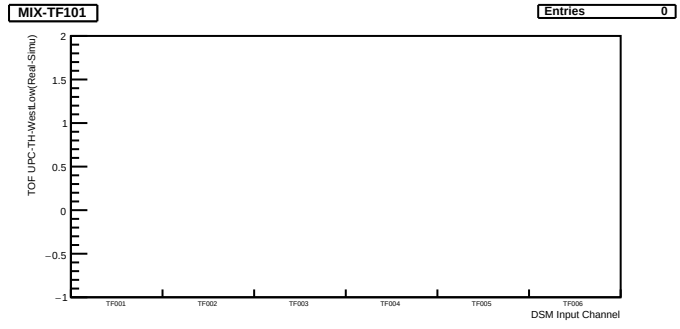

MIX-TF005
Entries 8231496
TOF MULT
TOF tray

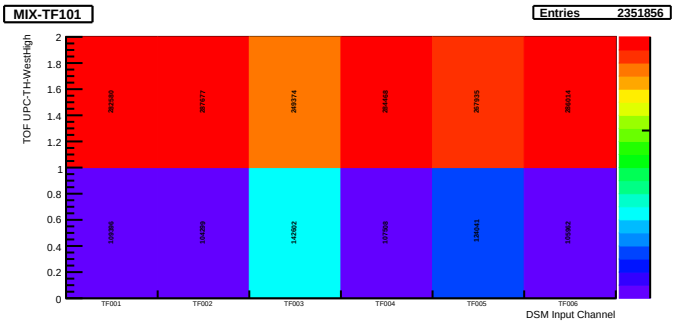

MIX-TF006
Entries 8231496
TOF MULT
TOF tray

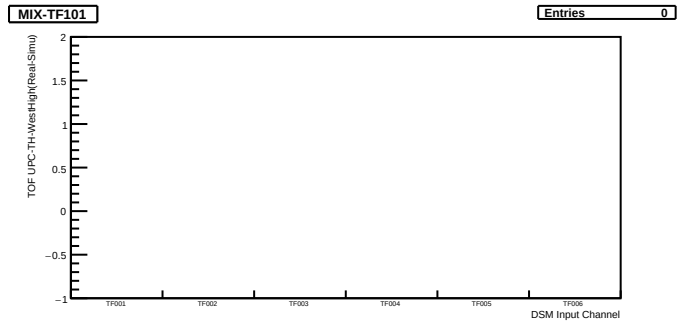

MIX-TF101
Entries 2351856
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

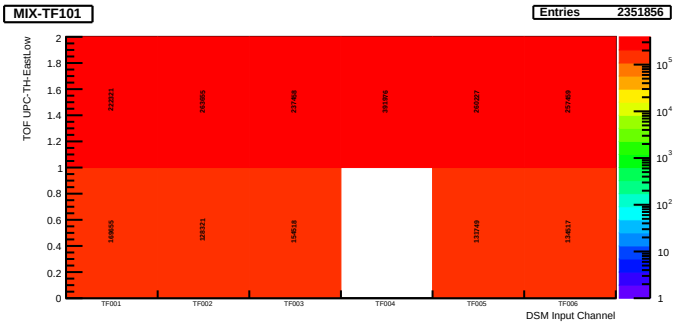

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

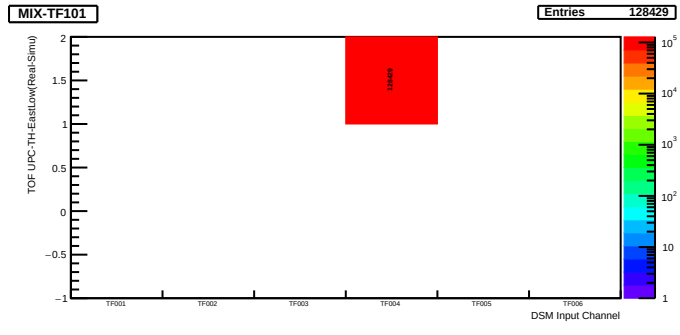

MIX-TF101
Entries 2351856
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

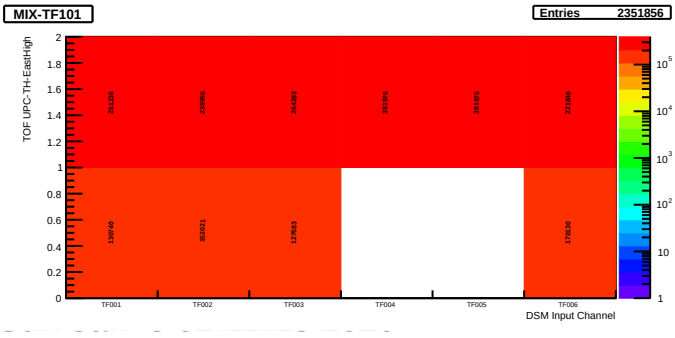

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

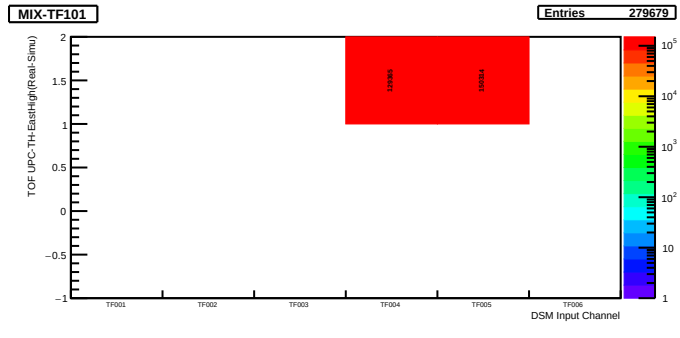

MIX-TF101
Entries 2351856
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

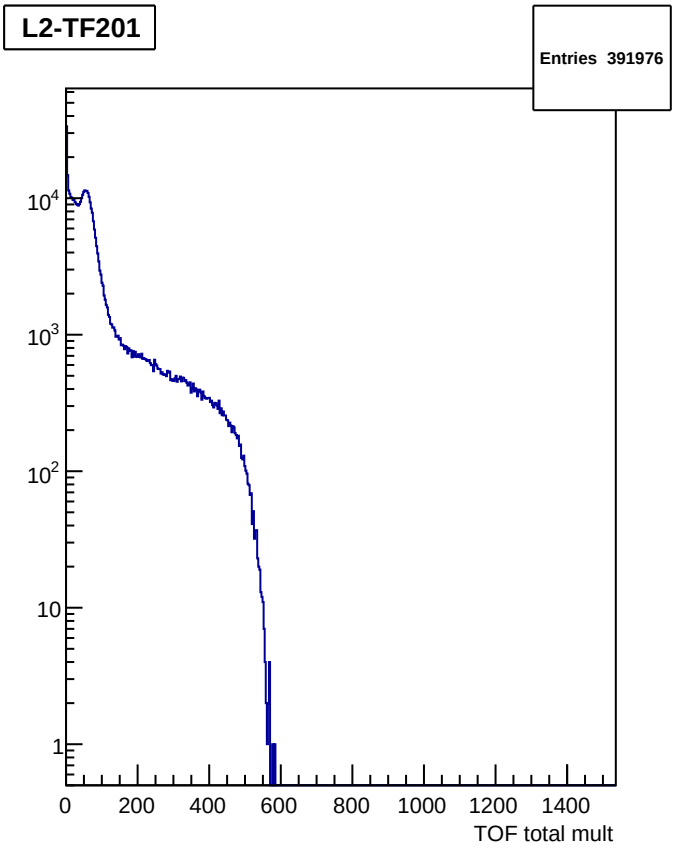

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

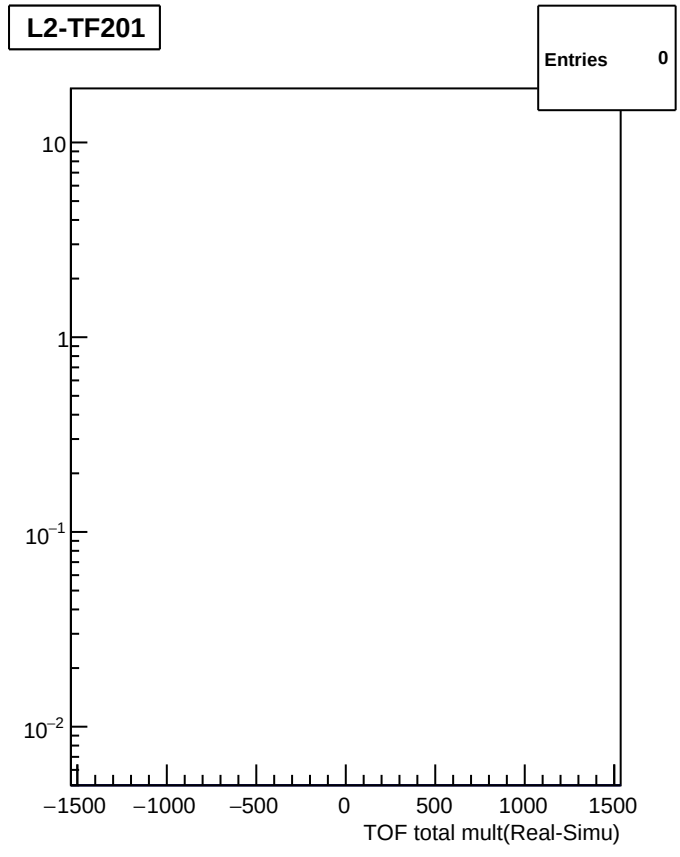

MIX-TF101
Entries 2351856
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

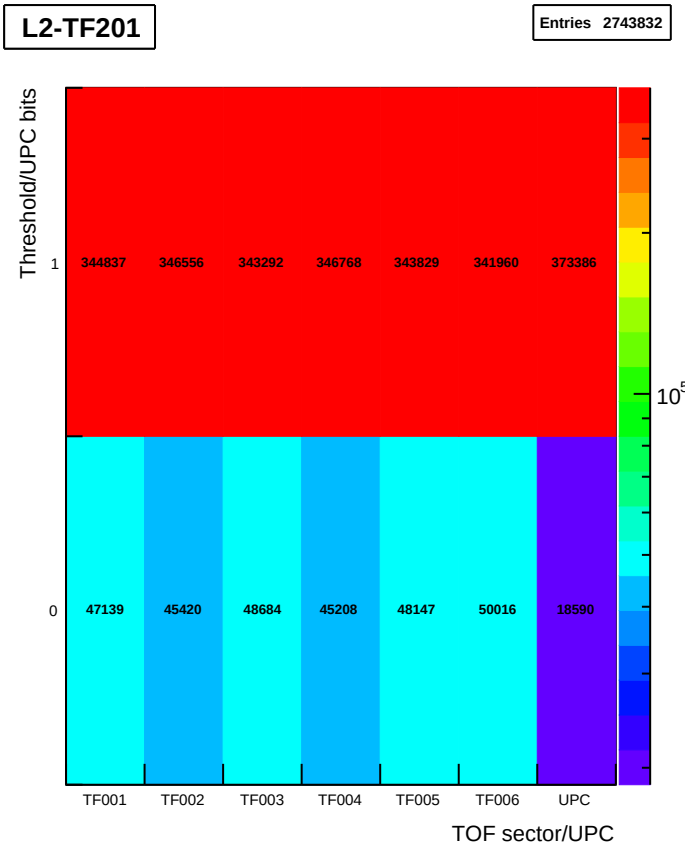

MIX-TF101
Entries 128429
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

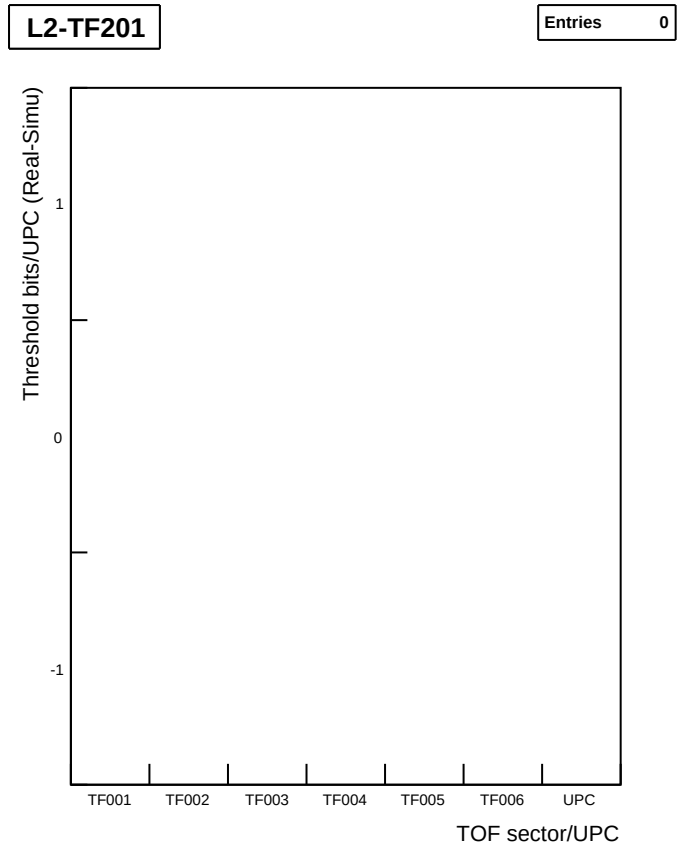

MIX-TF101
Entries 2351856
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

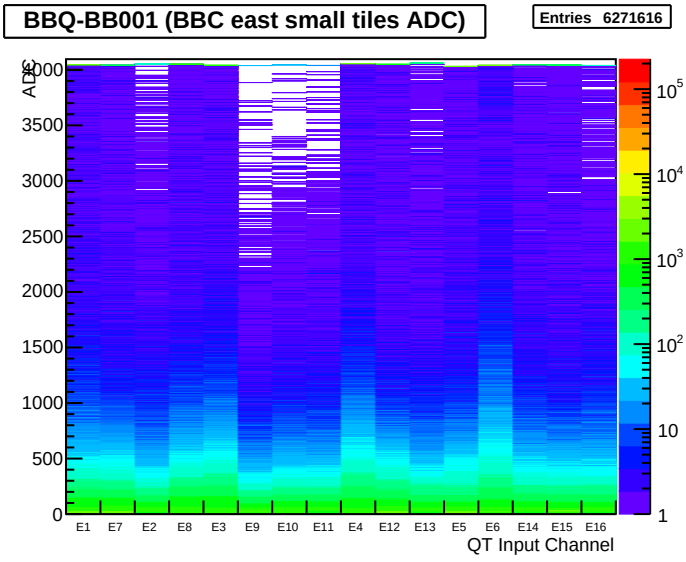

MIX-TF101
Entries 279679
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

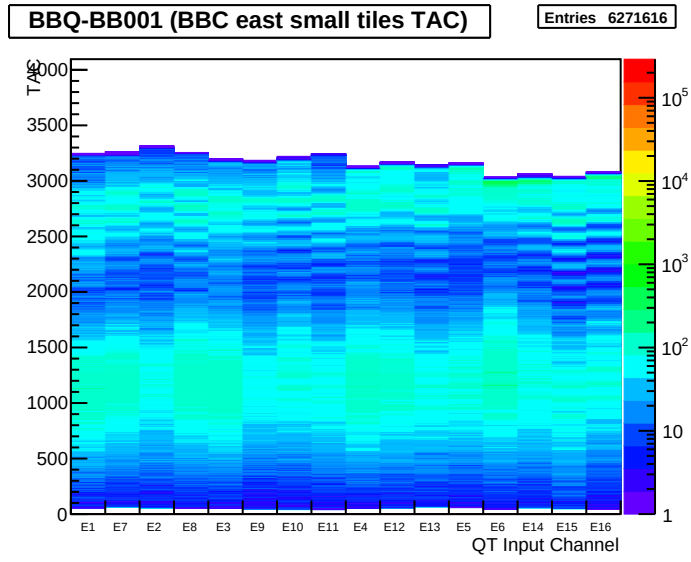

L2-TF201
Entries 391976
TOF total mult

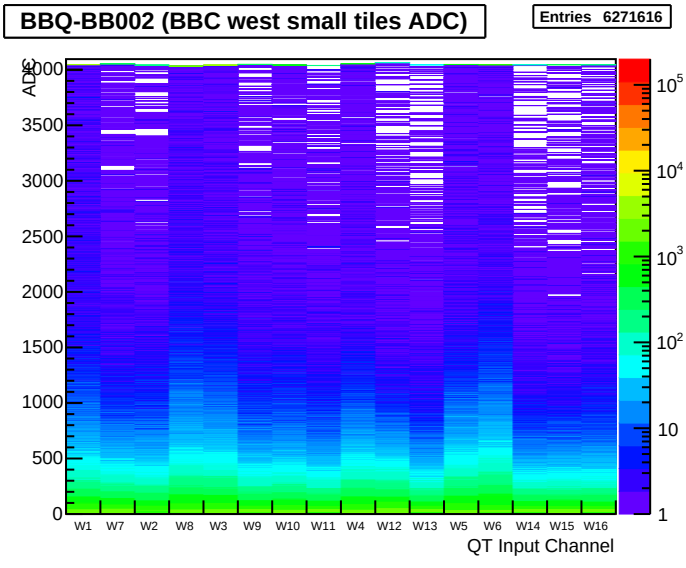

L2-TF201
Entries 0
TOF total mult(Real-Simu)

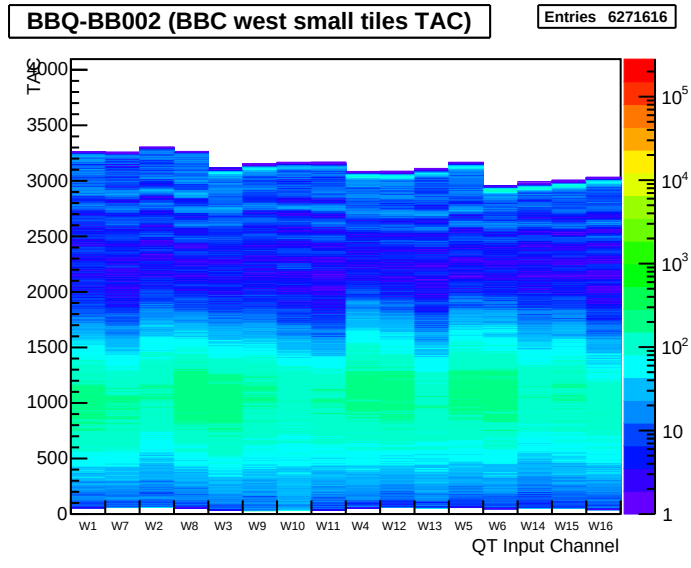

L2-TF201
Entries 2743832
Threshold/UPC bits
344837
346556
343292
346768
343829
341960
373386
47139
45420
48684
45208
48147
50016
18590
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

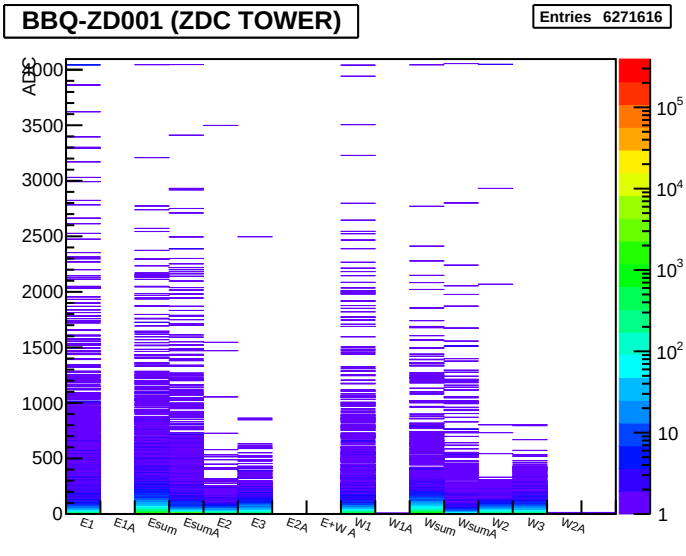

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

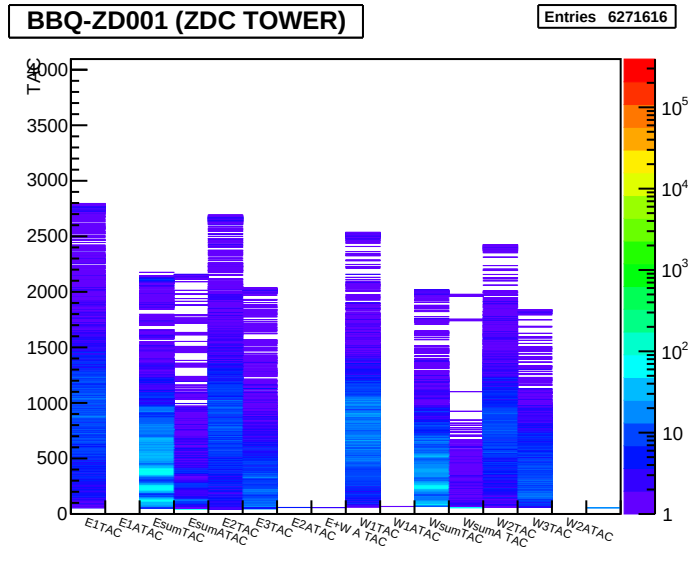

BBQ-BB001 (BBC east small tiles ADC)
Entries 6271616
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

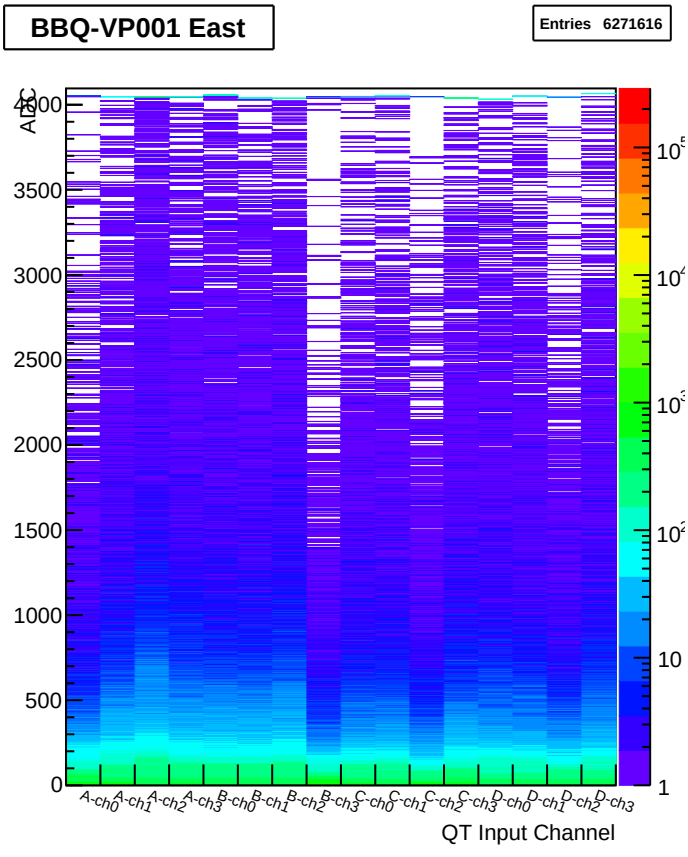

BBQ-BB001 (BBC east small tiles TAC)
Entries 6271616
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

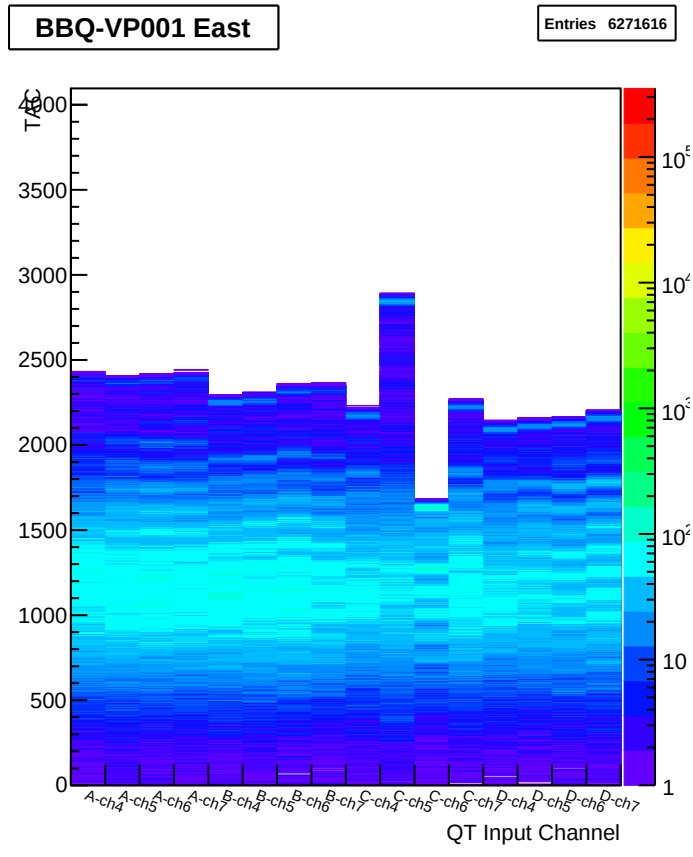

BBQ-BB002 (BBC west small tiles ADC)
Entries 6271616
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

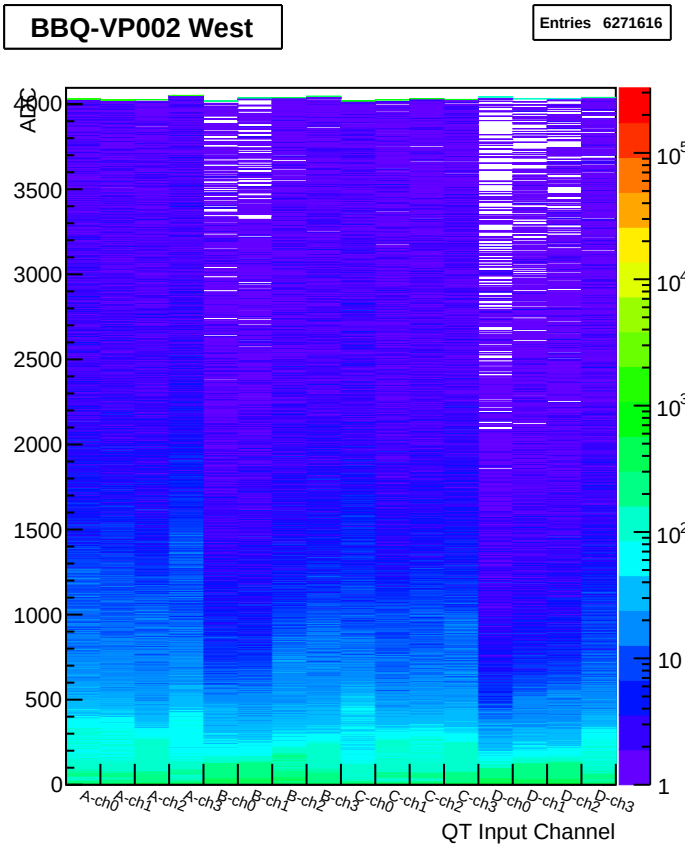

BBQ-BB002 (BBC west small tiles TAC)
Entries 6271616
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

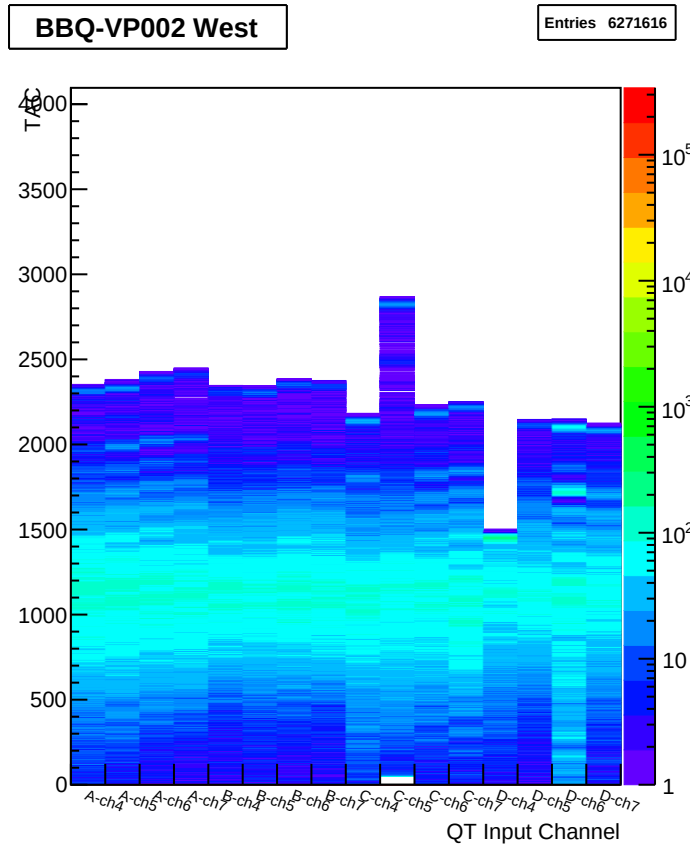

BBQ-ZD001 (ZDC TOWER)
Entries 6271616
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

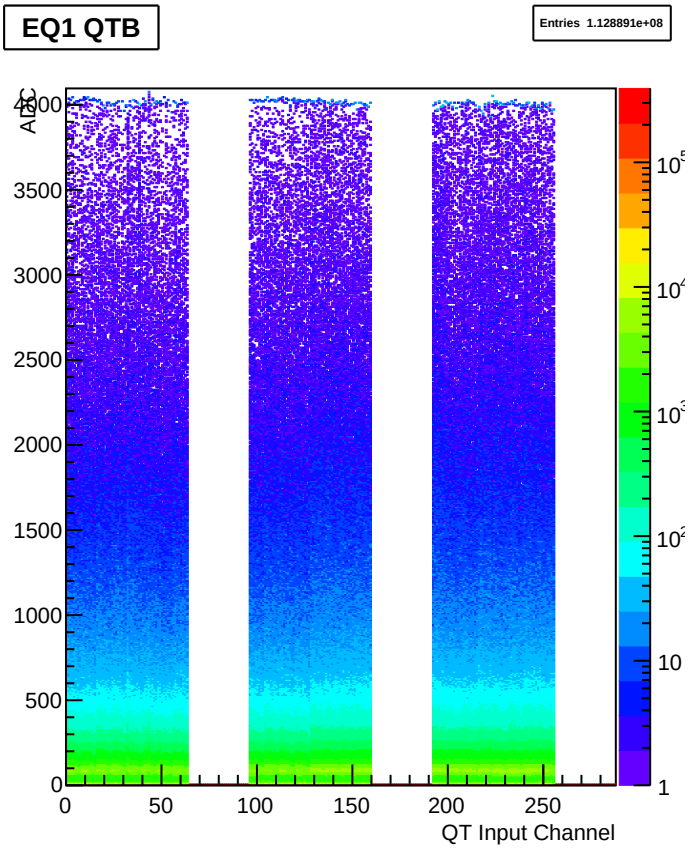

BBQ-ZD001 (ZDC TOWER)
Entries 6271616
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

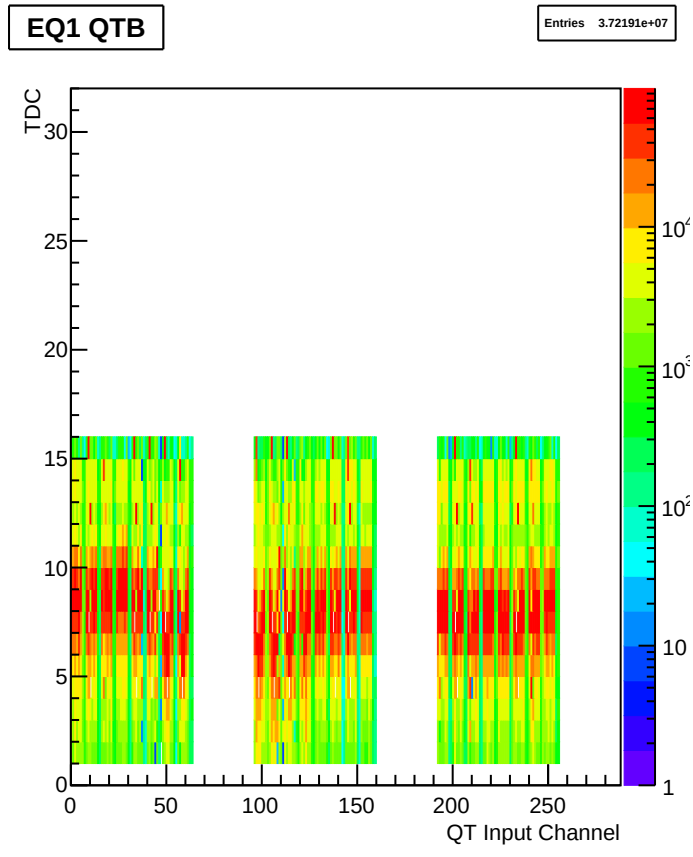

BBQ-VP001 East
Entries 6271616
ADC
QT Input Channel

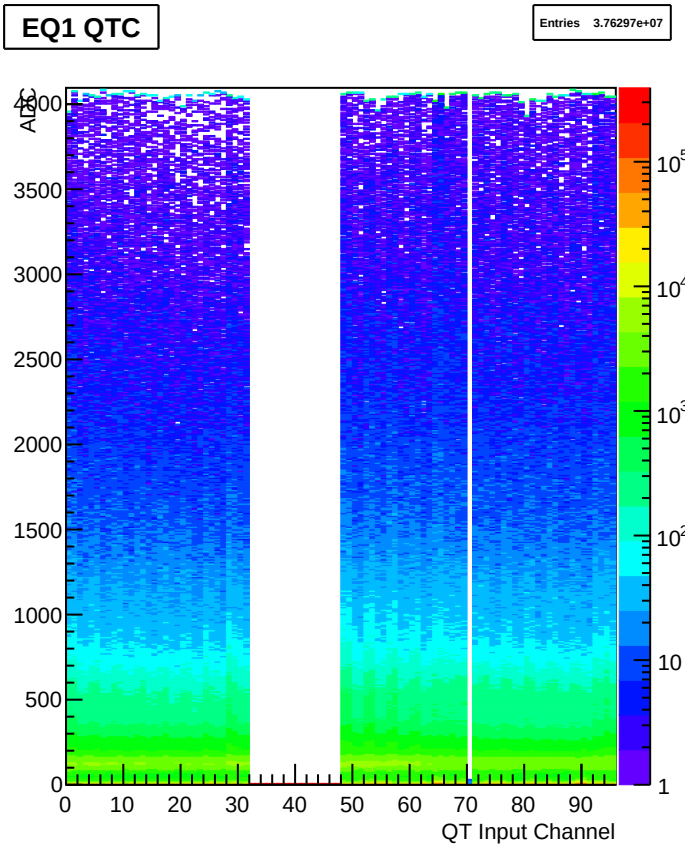

BBQ-VP001 East
Entries 6271616
TADC
QT Input Channel

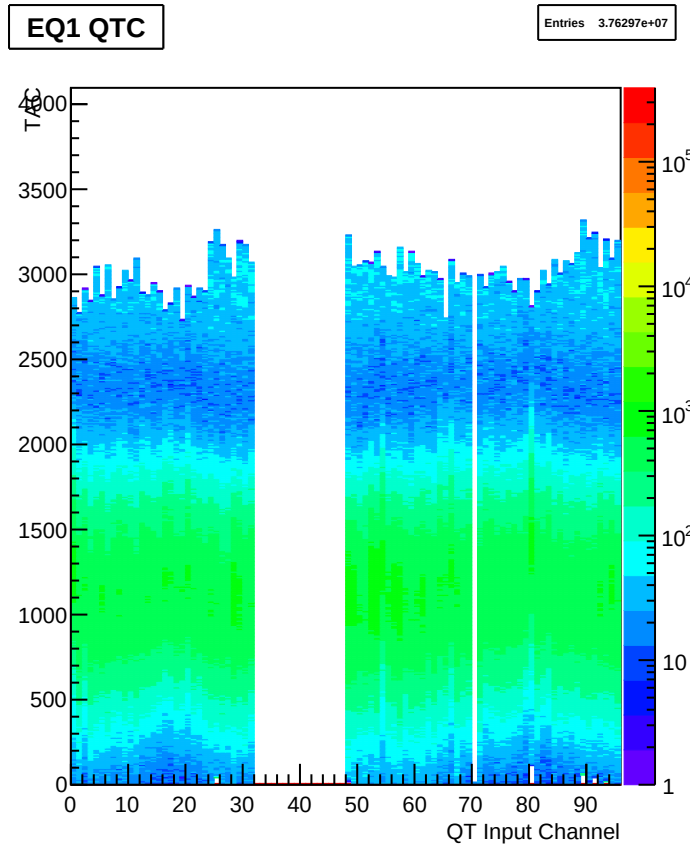

BBQ-VP002 West
Entries 6271616
ADC
QT Input Channel

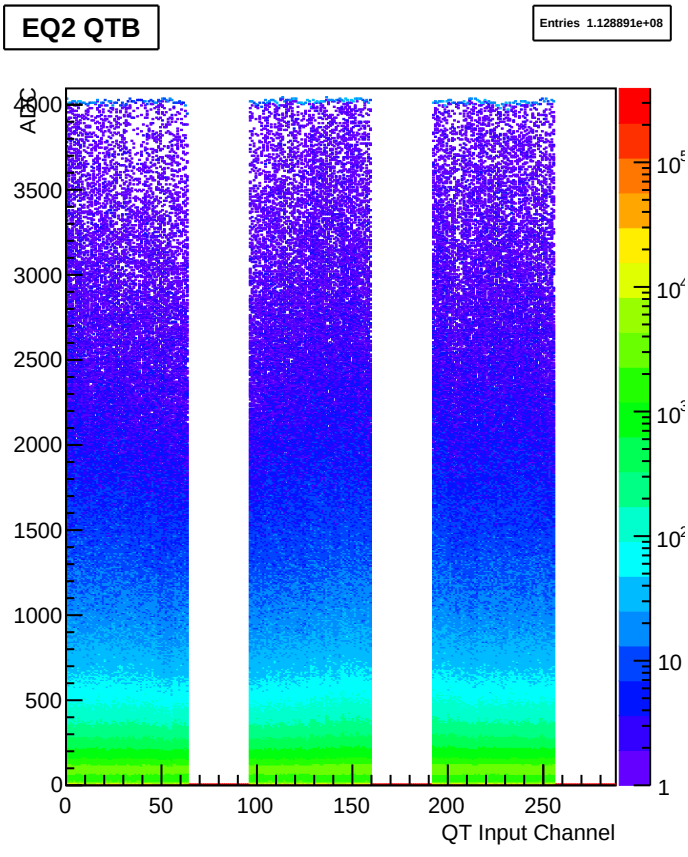

BBQ-VP002 West
Entries 6271616
TADC
QT Input Channel

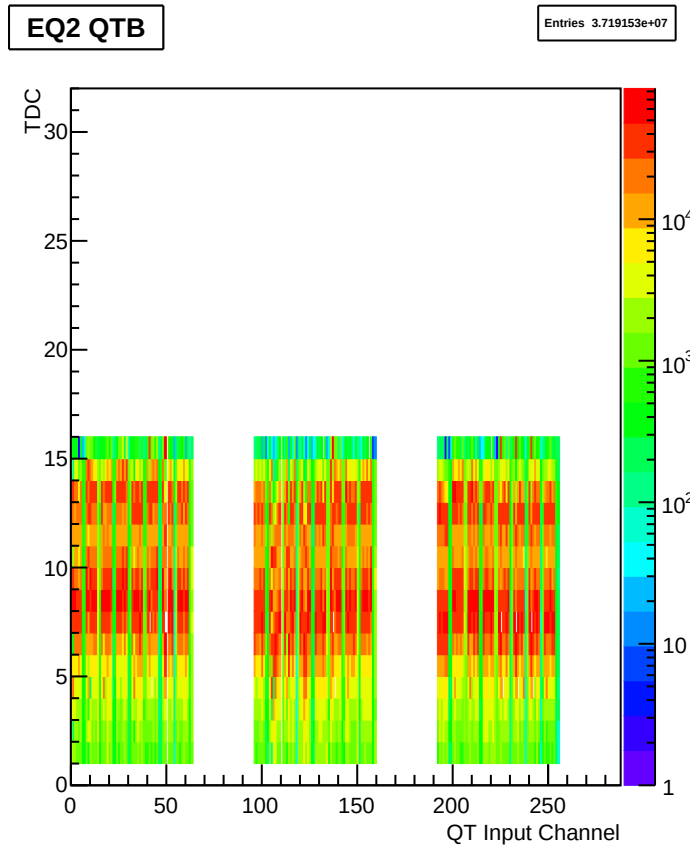

EQ1 QTB
Entries 1.128891e+08
ADC
QT Input Channel

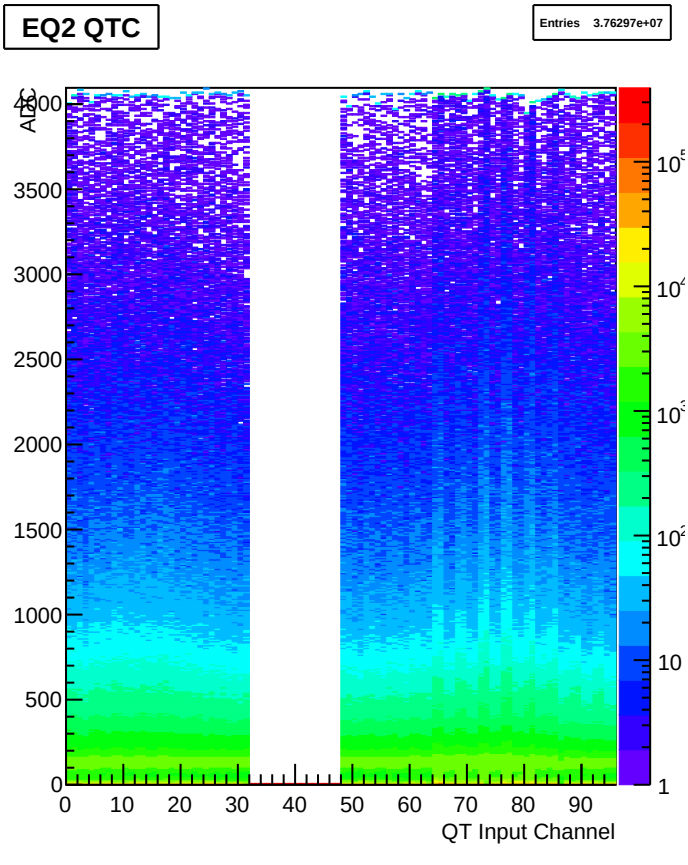

EQ1 QTB
Entries 3.72191e+07
TDC
QT Input Channel

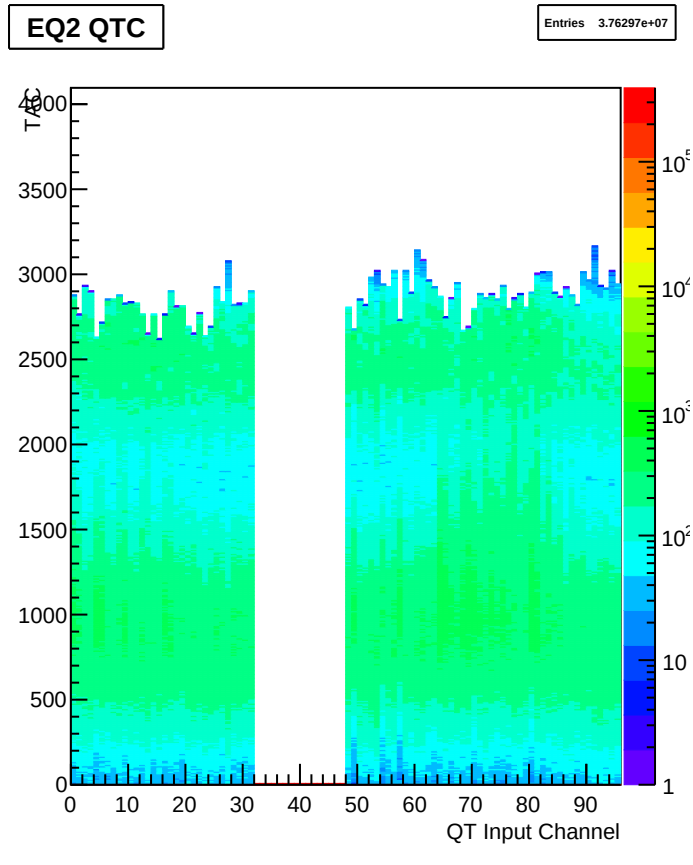

EQ1 QTC
Entries 3.76297e+07
ADC
QT Input Channel

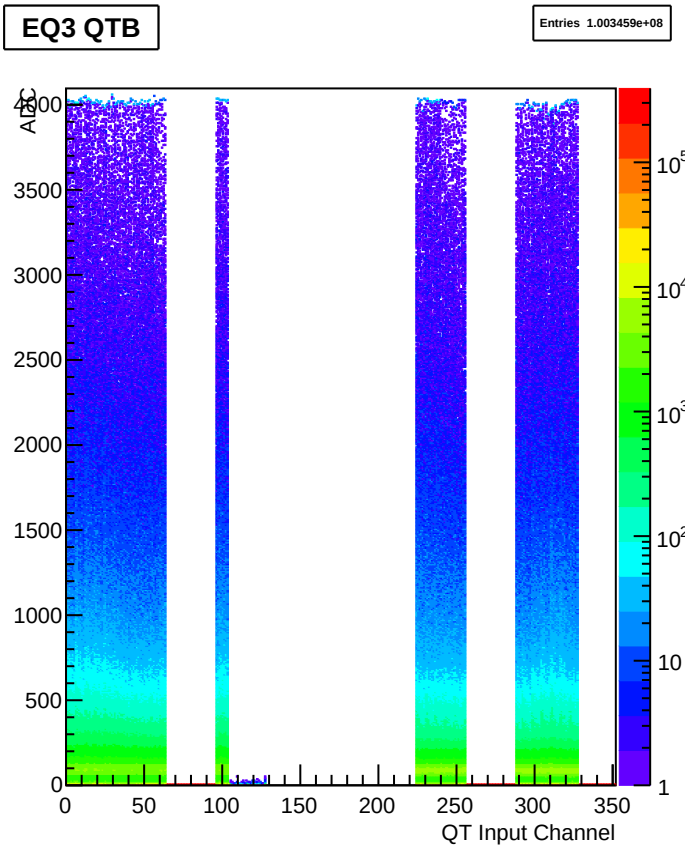

EQ1 QTC
Entries 3.76297e+07
TADC
QT Input Channel

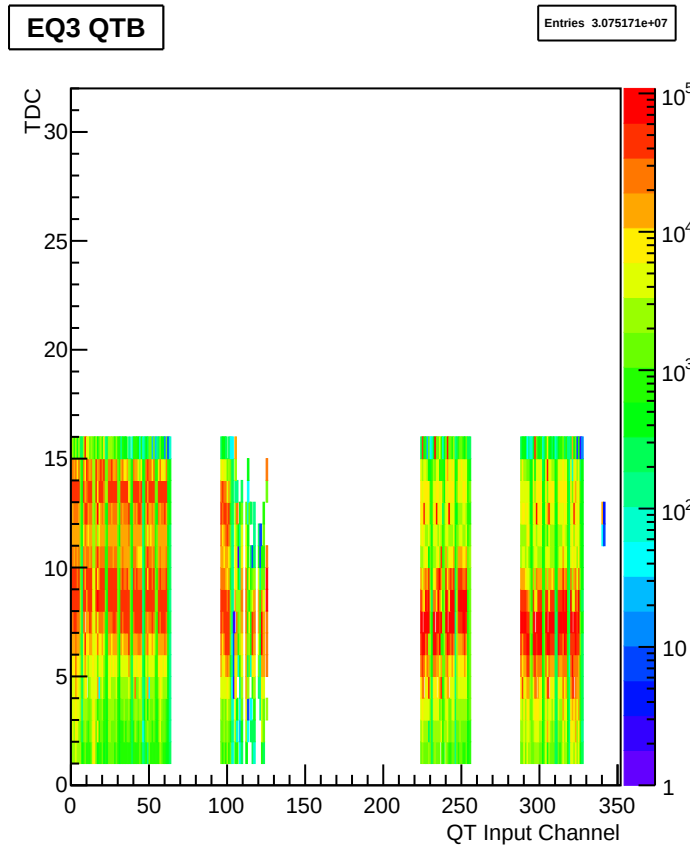

EQ2 QTB
Entries 1.128891e+08
ADC
QT Input Channel

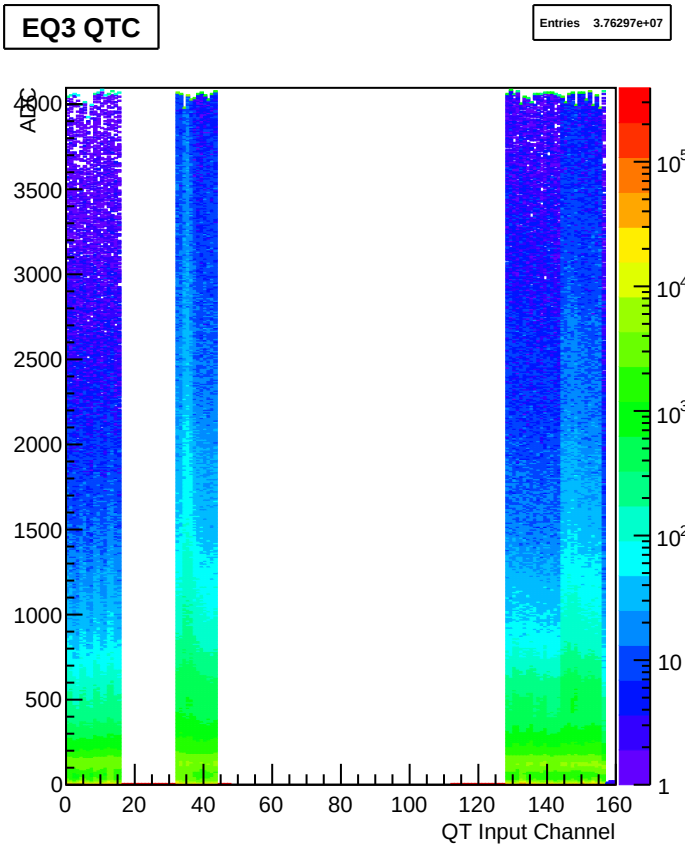

EQ2 QTB
Entries 3.719153e+07
TDC
QT Input Channel

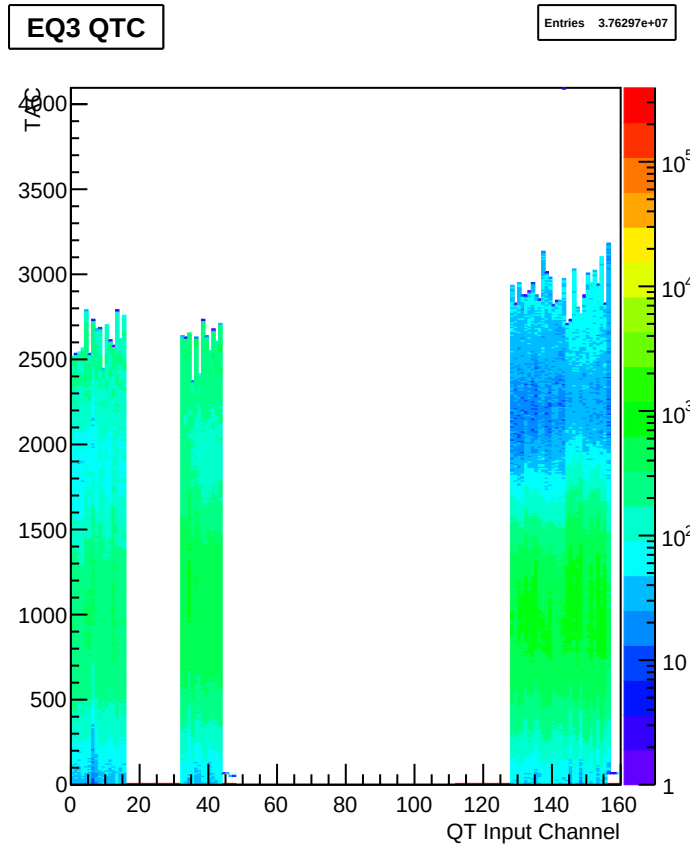

EQ2 QTC
Entries 3.76297e+07
ADC
QT Input Channel

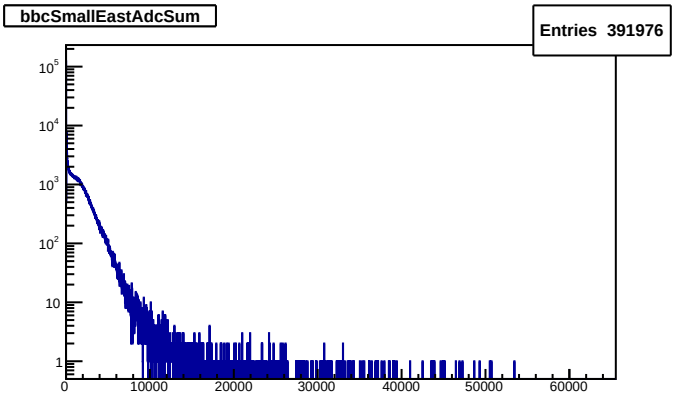

EQ2 QTC
Entries 3.76297e+07
TADC
QT Input Channel

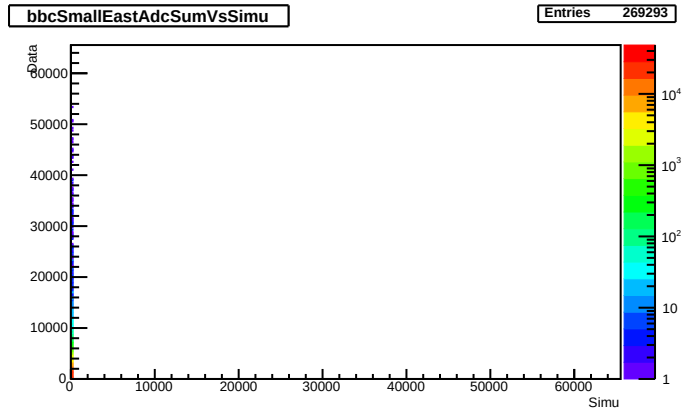

EQ3 QTB
Entries 1.003459e+08
ADC
QT Input Channel

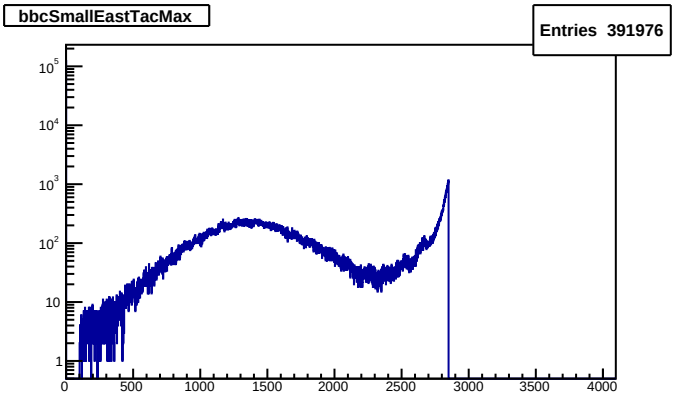

EQ3 QTB
Entries 3.075171e+07
TDC
QT Input Channel

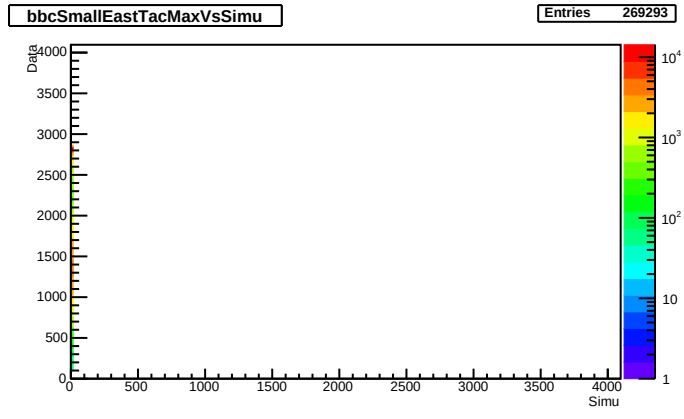

EQ3 QTC
Entries 3.76297e+07
ADC
QT Input Channel

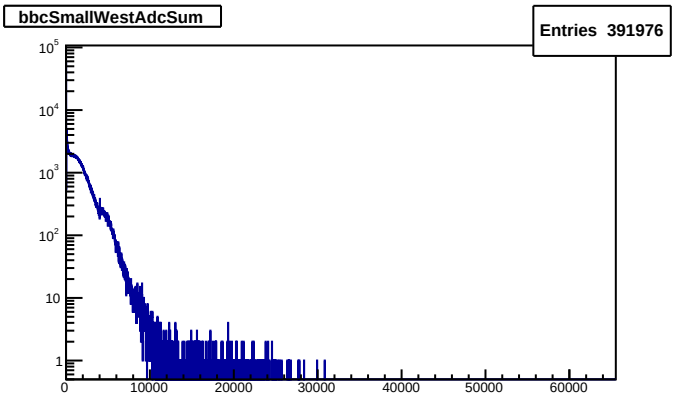

EQ3 QTC
Entries 3.76297e+07
TADC
QT Input Channel

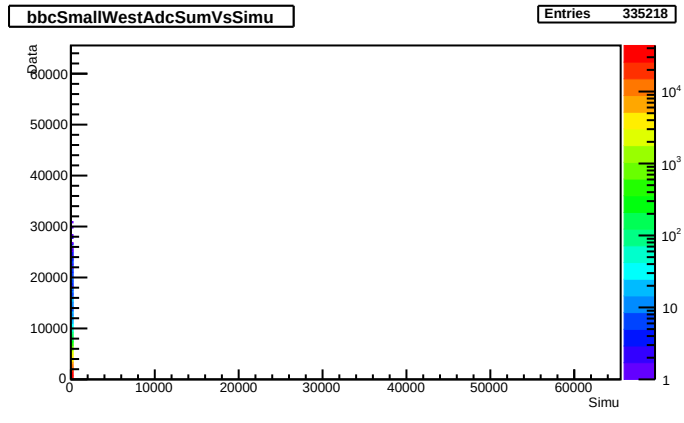

bbcSmallEastAdcSum
Entries 391976

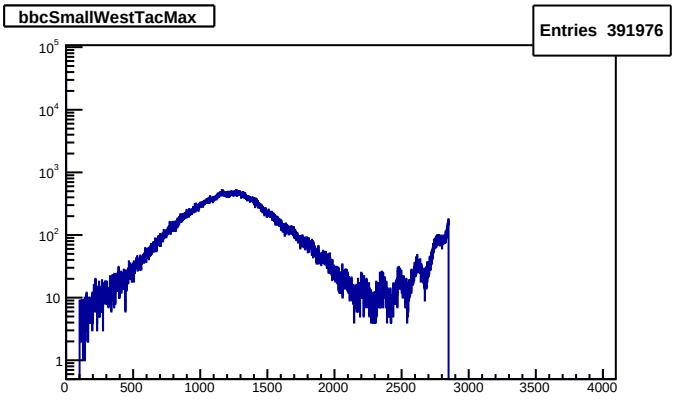

bbcSmallEastAdcSumVsSimu
Entries 269293
Data
Simu

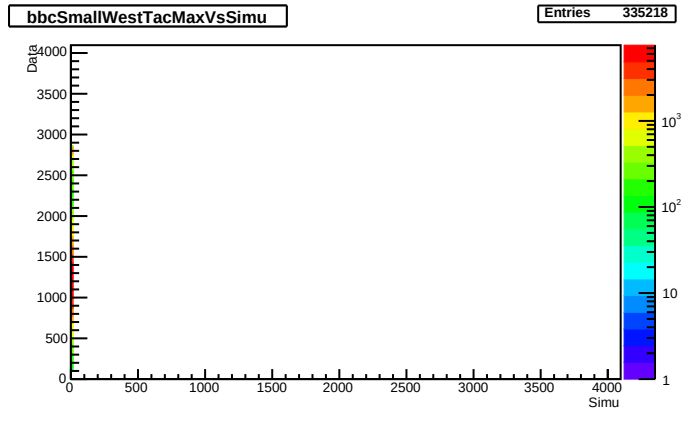

bbcSmallEastTacMax
Entries 391976

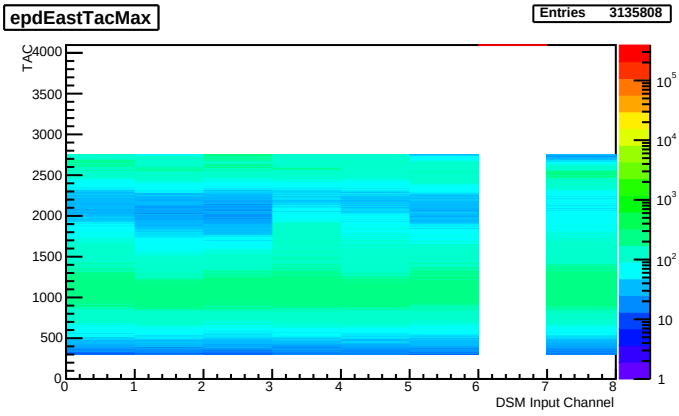

bbcSmallEastTacMaxVsSimu
Entries 269293
Data
Simu

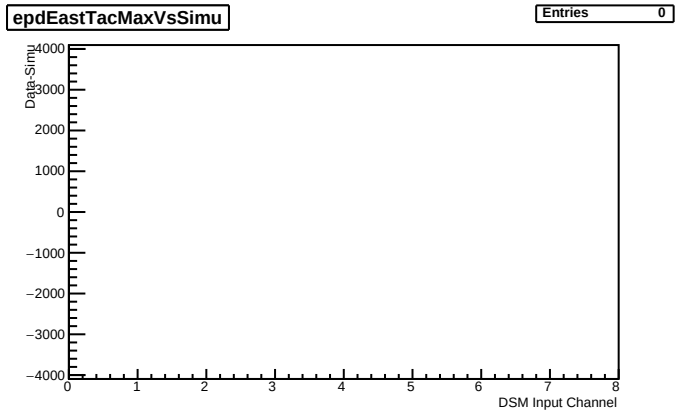

bbcSmallWestAdcSum
Entries 391976

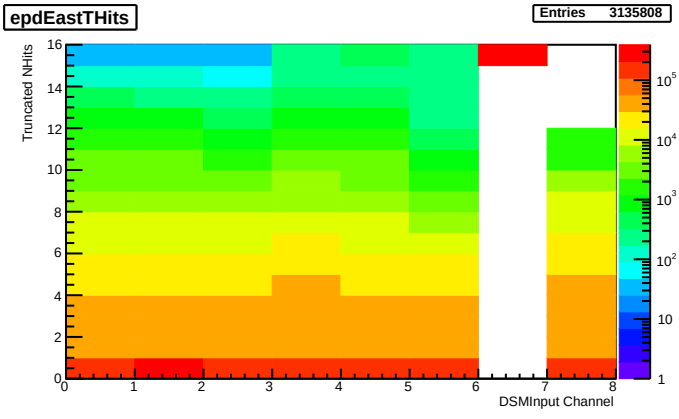

bbcSmallWestAdcSumVsSimu
Entries 335218
Data
Simu

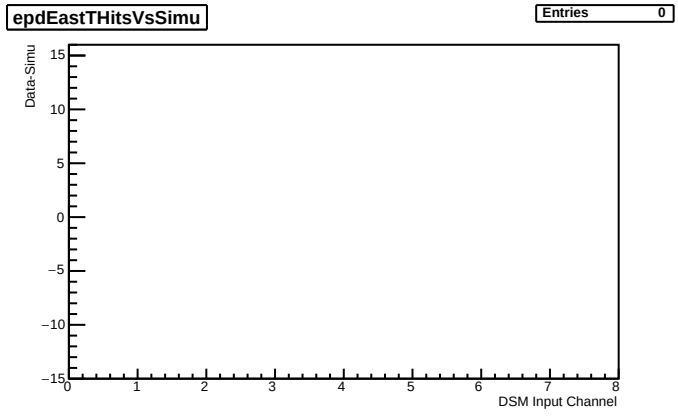

bbcSmallWestTacMax
Entries 391976

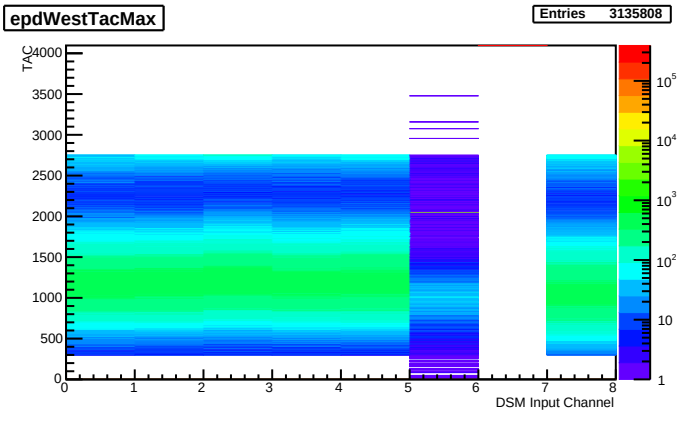

bbcSmallWestTacMaxVsSimu
Entries 335218
Data
Simu

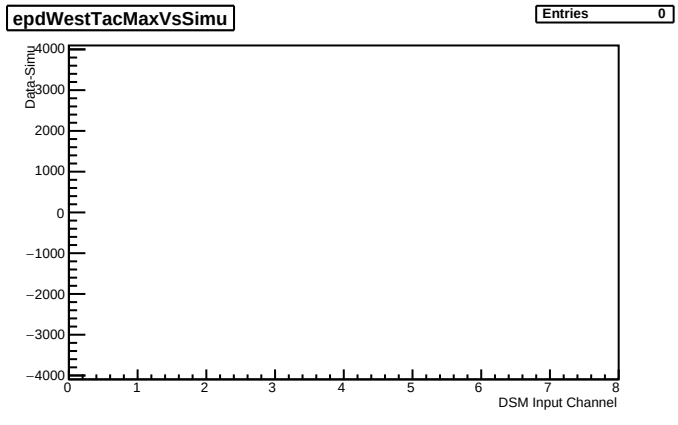

epdEastTacMax
Entries 3135808
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3135808
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3135808
TAC
DSM Input Channel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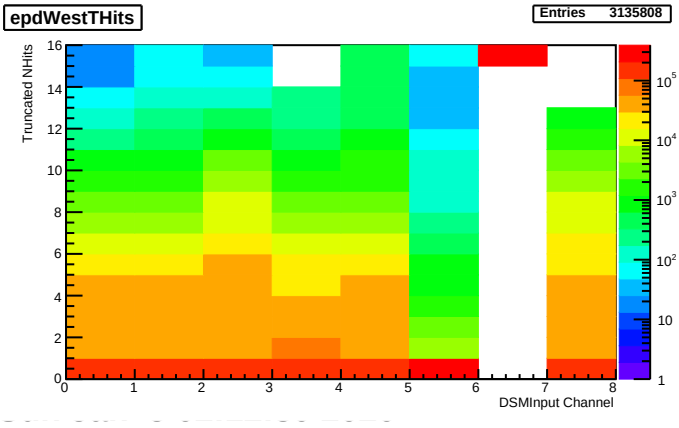
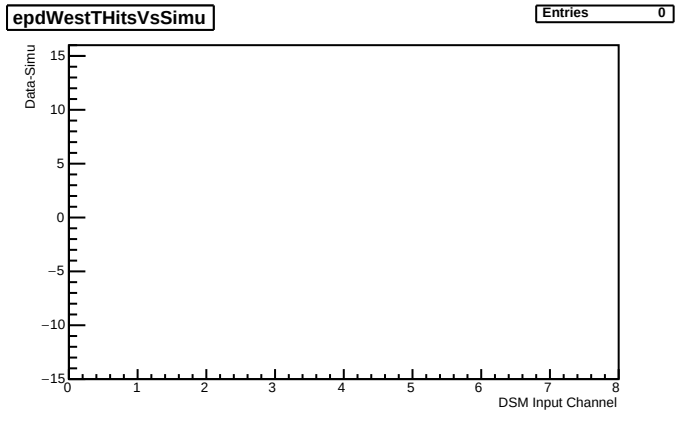
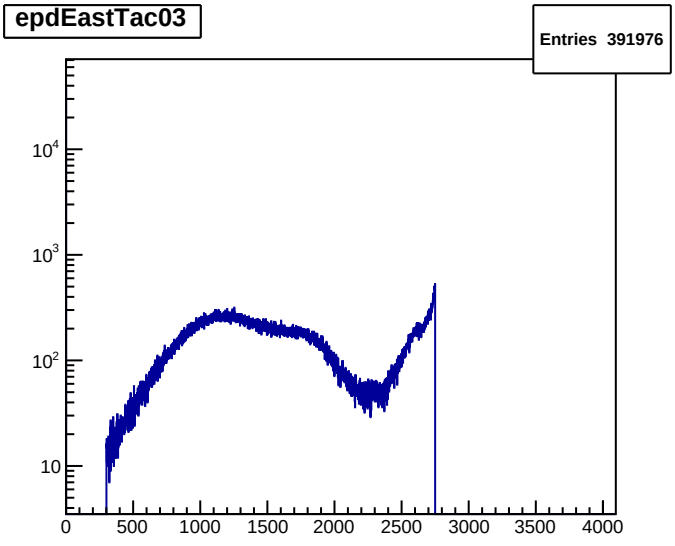
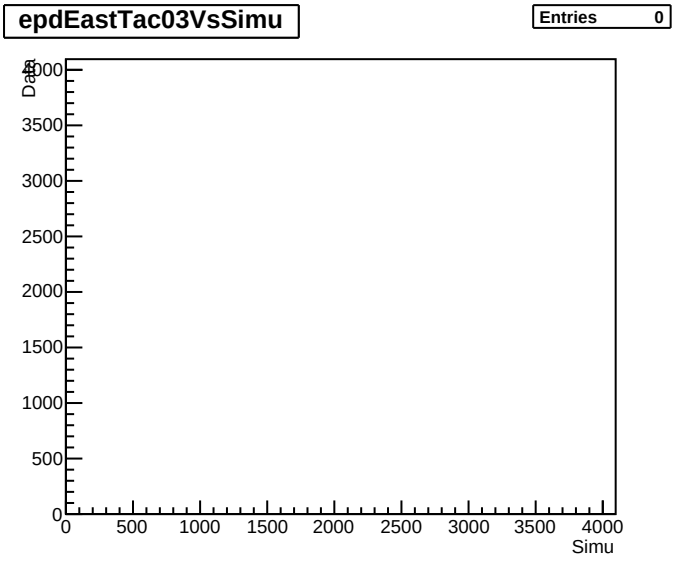
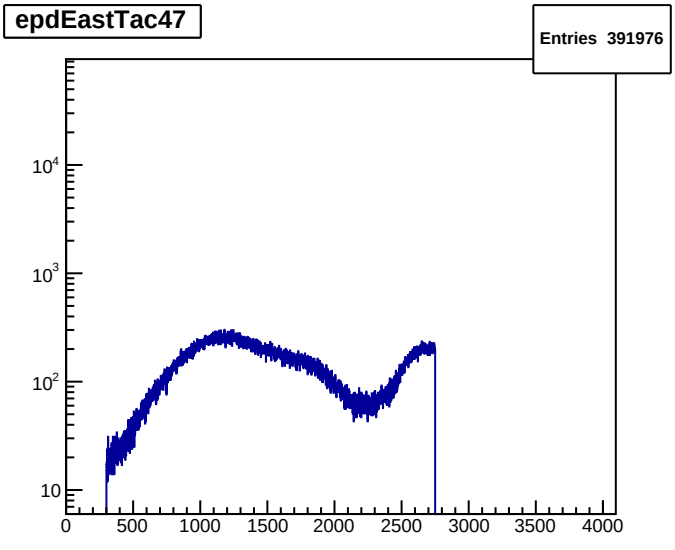
Entries 0
Data-Simu
DSM Input Channel

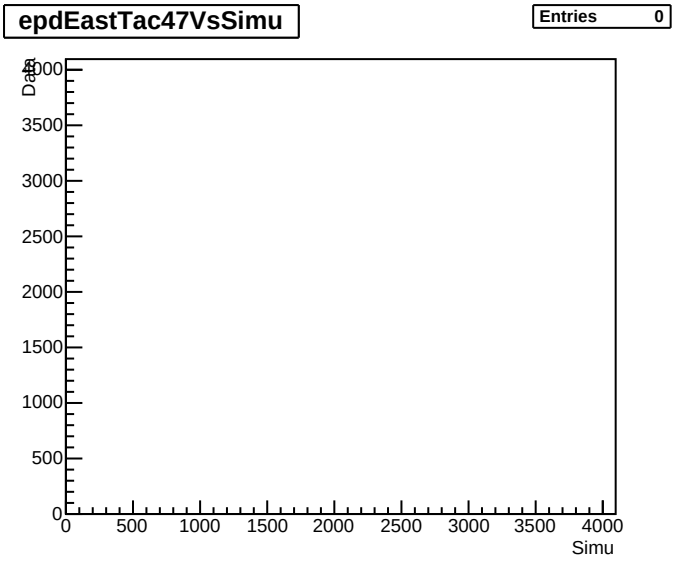

epdWestTHits
Entries 3135808
Truncated NHits
DSMInput Channel

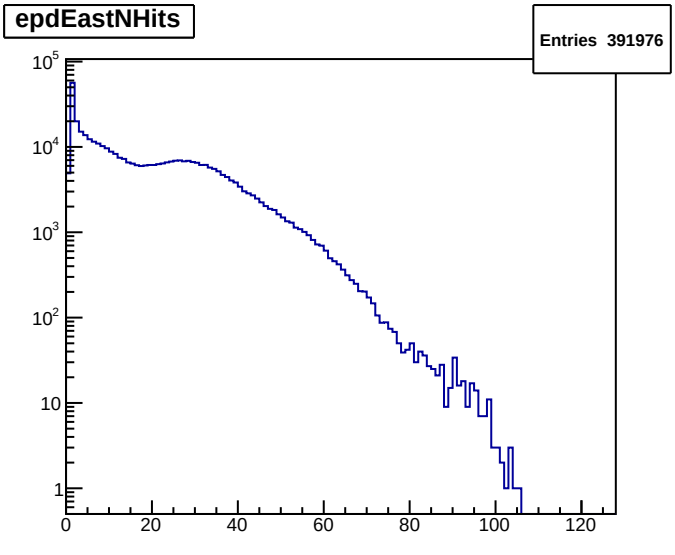

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

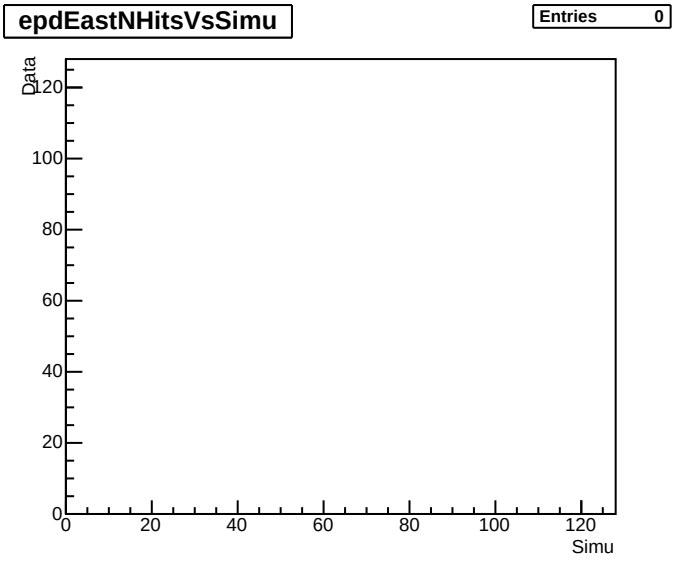

epdEastTac03
Entries 391976


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 391976


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 391976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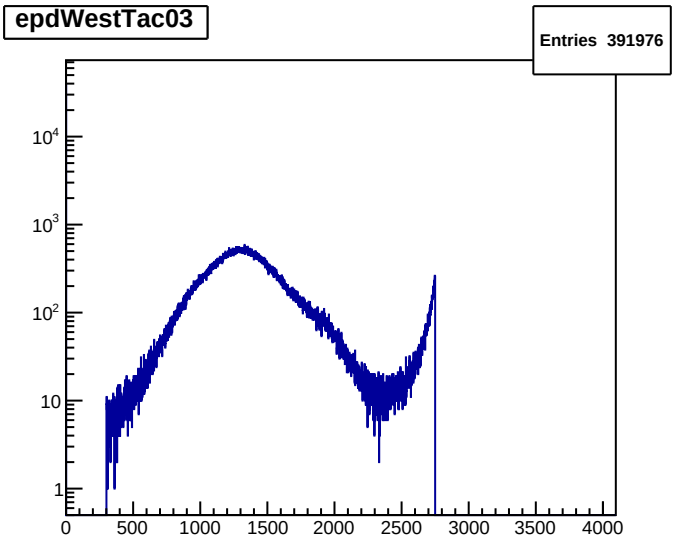
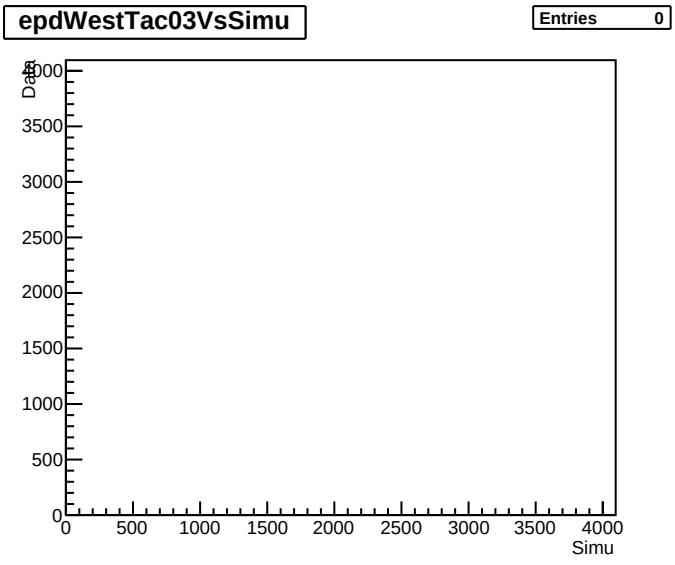
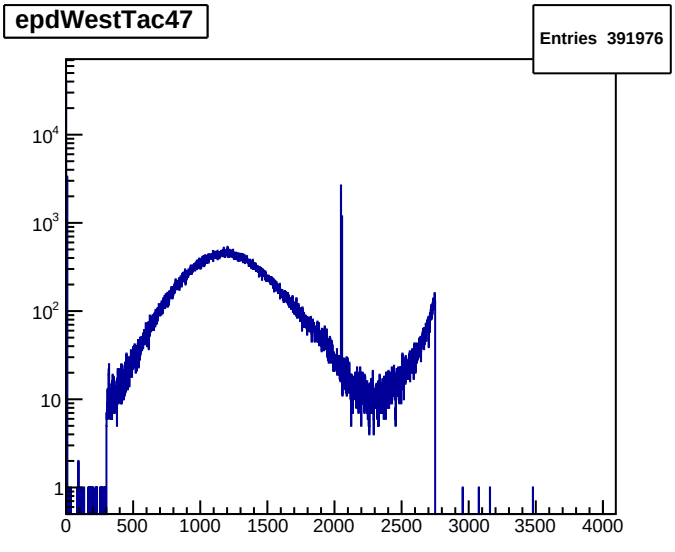
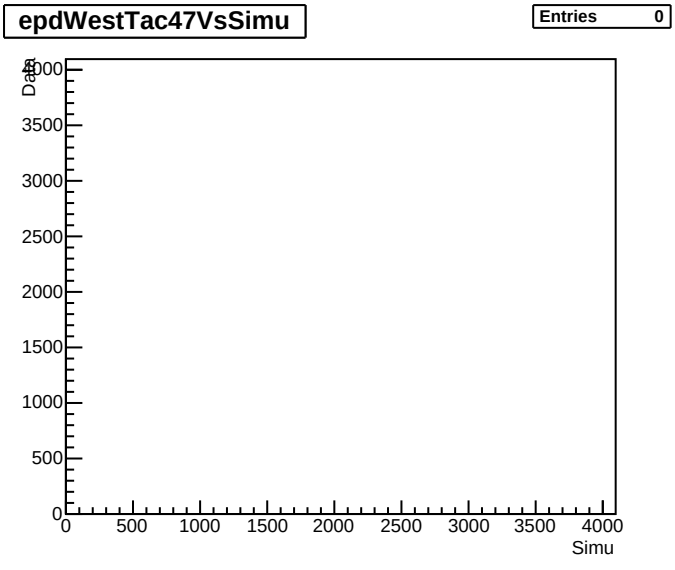
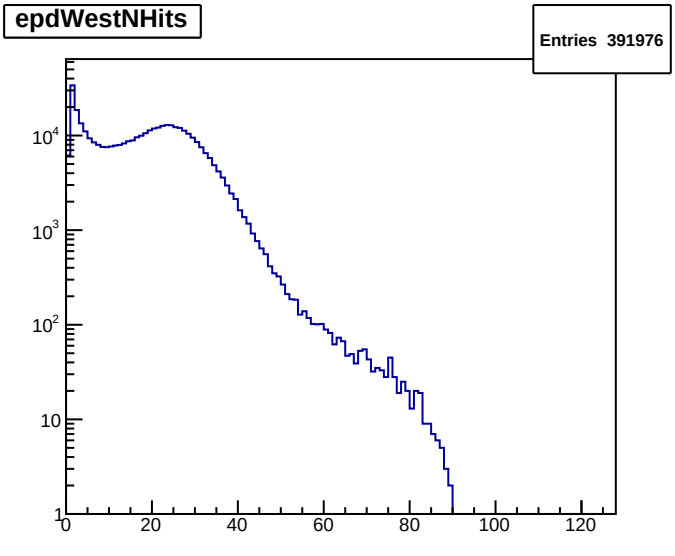
Entries 0
Data
Simu

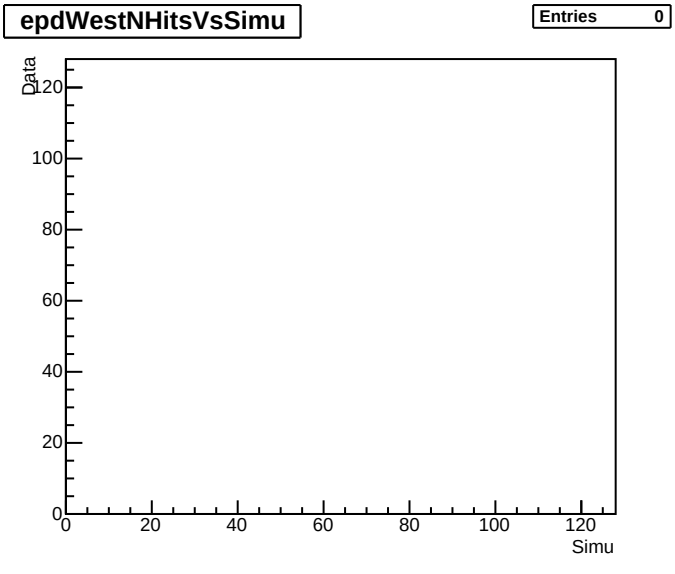

epdWestTac03
Entries 391976

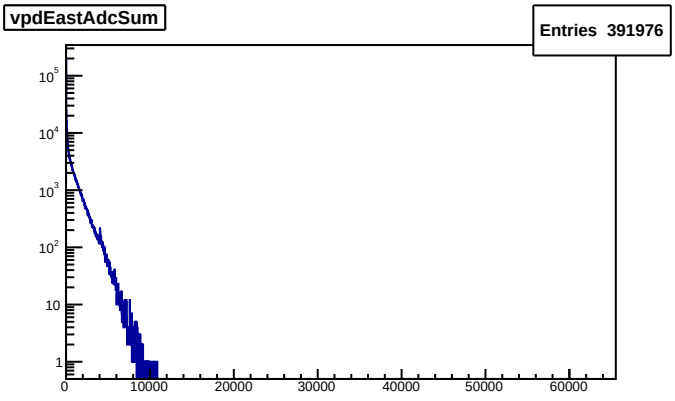

epdWestTac03VsSimu
Entries 0
Data
Simu

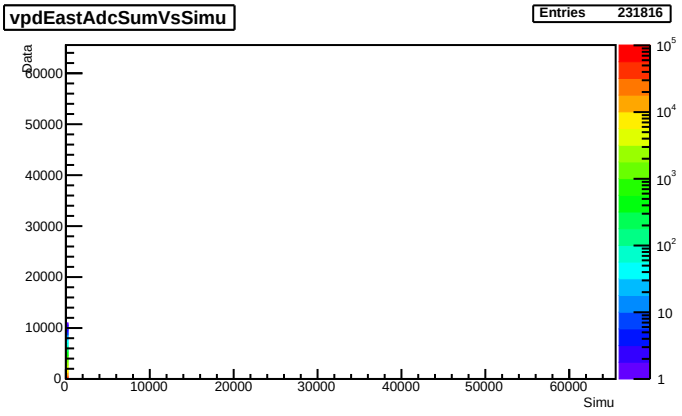

epdWestTac47
Entries 391976

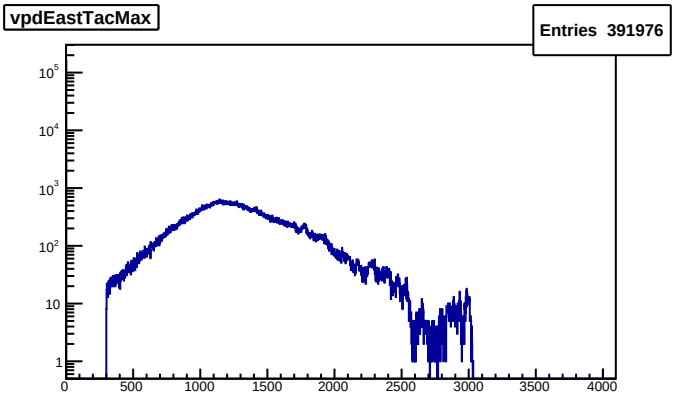

epdWestTac47VsSimu
Entries 0
Data
Simu

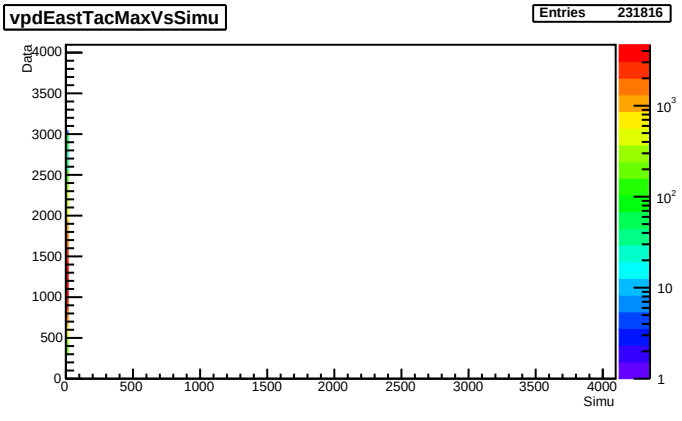

epdWestNHits
Entries 391976

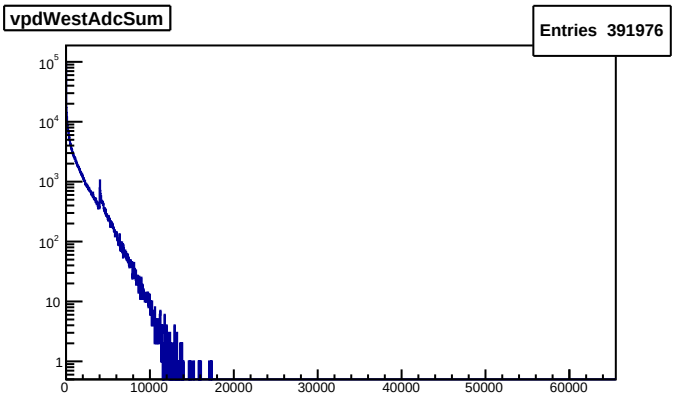

epdWestNHitsVsSimu
Entries 0
Data
Simu

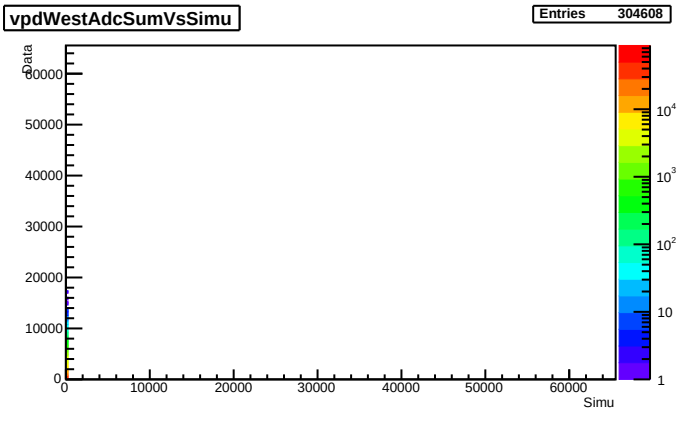

vpdEastAdcSum
Entries 391976

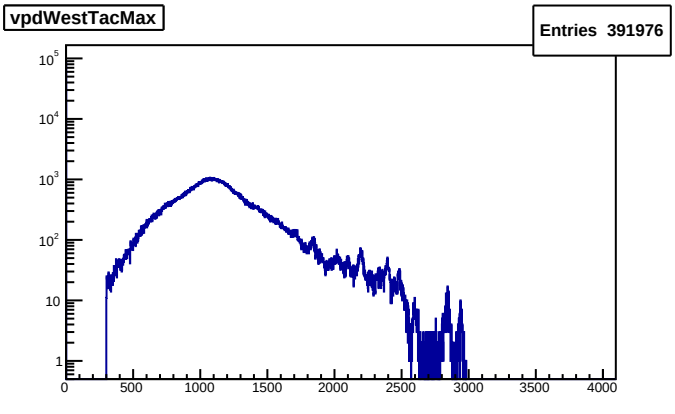

vpdEastAdcSumVsSimu
Entries 231816
Data
Simu

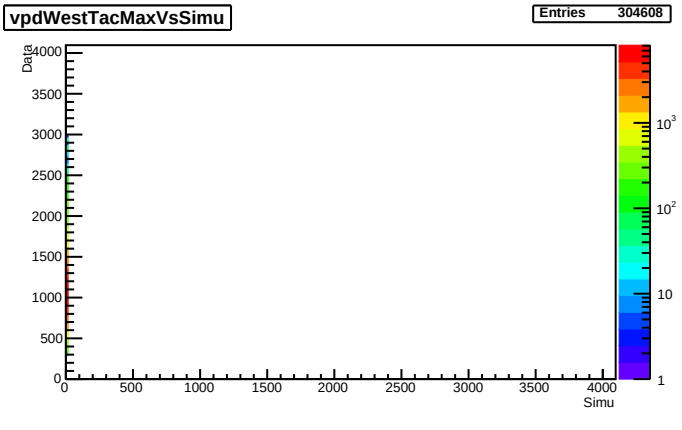

vpdEastTacMax
Entries 391976

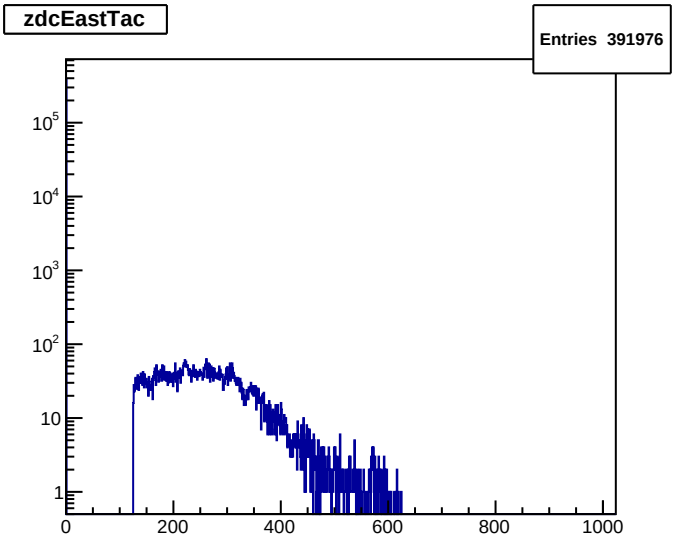

vpdEastTacMaxVsSimu
Entries 231816
Data
Simu

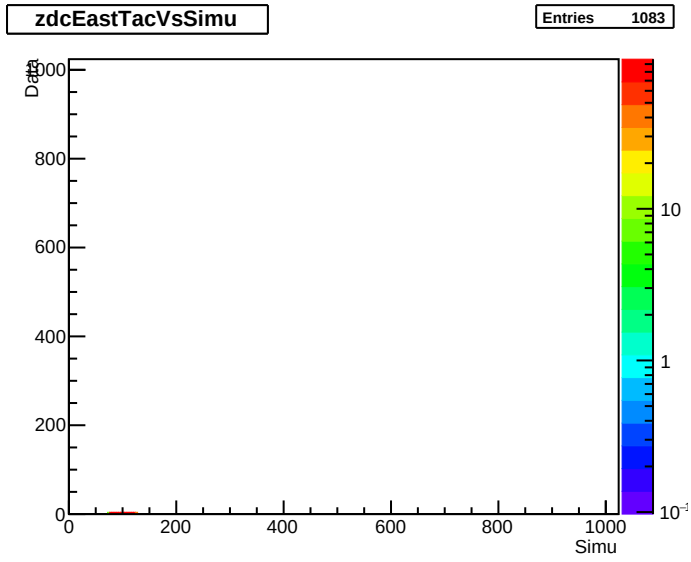

vpdWestAdcSum
Entries 391976

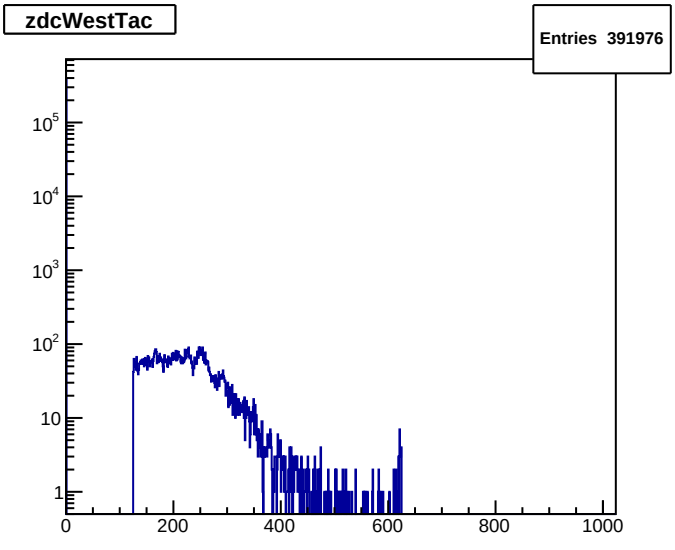

vpdWestAdcSumVsSimu
Entries 304608
Data
Simu

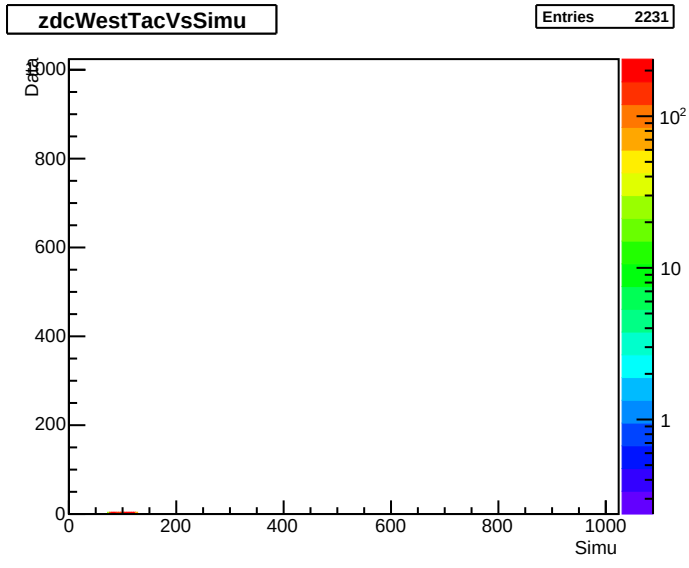

vpdWestTacMax
Entries 391976

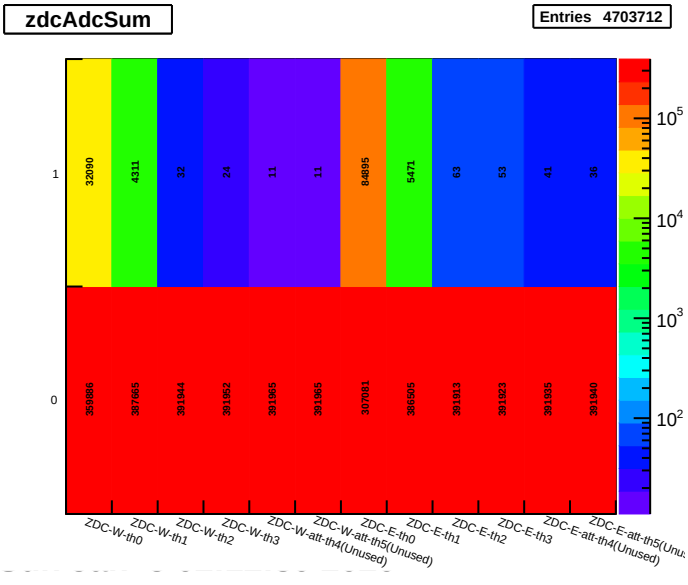

vpdWestTacMaxVsSimu
Entries 304608
Data
Simu

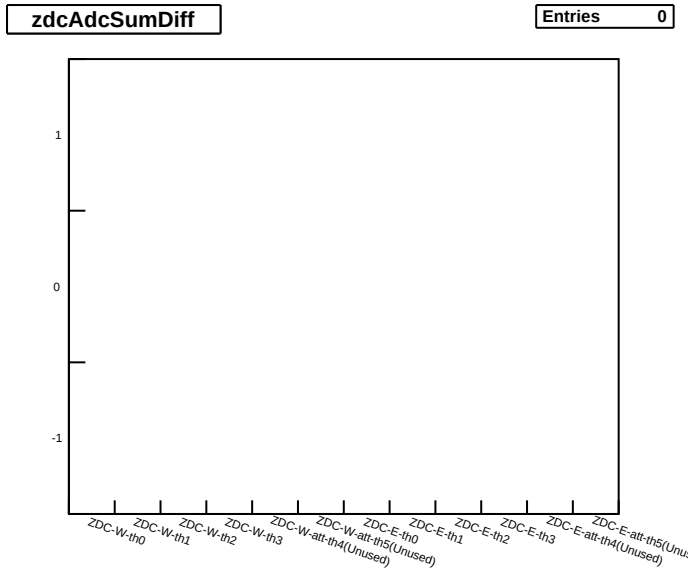

zdcEastTac
Entries 391976

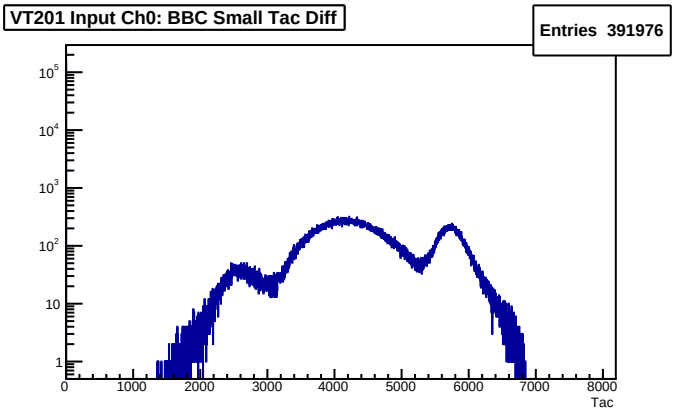

zdcEastTacVsSimu
Entries 1083
Data
Simu

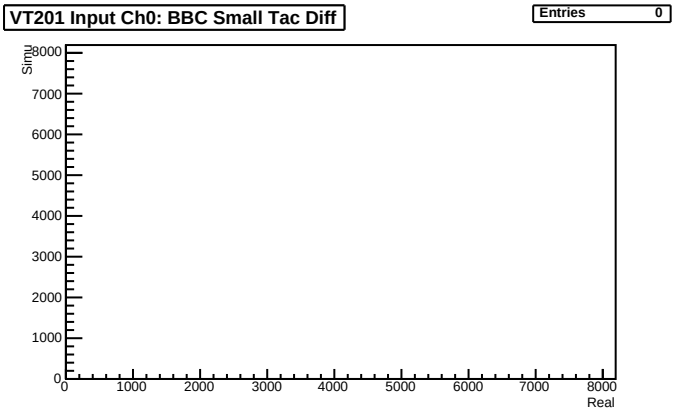

zdcWestTac
Entries 391976

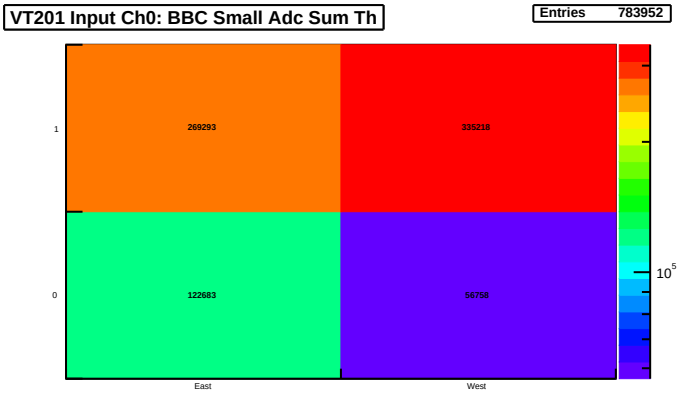

zdcWestTacVsSimu
Entries 2231
Data
Simu

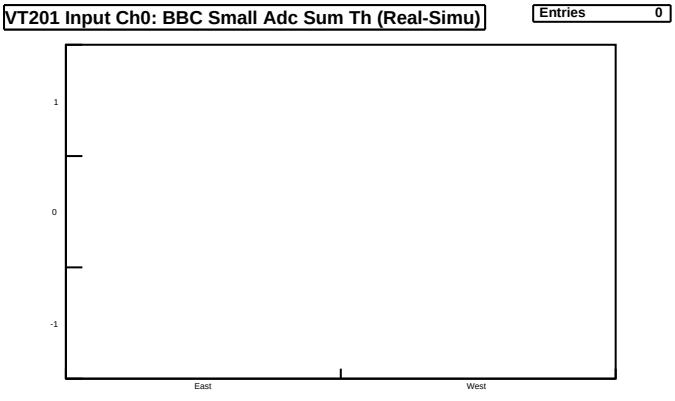

zdcAdcSum
Entries 4703712
32090
4311
32
24
11
11
84895
5471
63
53
41
36
359886
387665
391944
391952
391965
391965
307081
386505
391913
391923
391935
391940
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

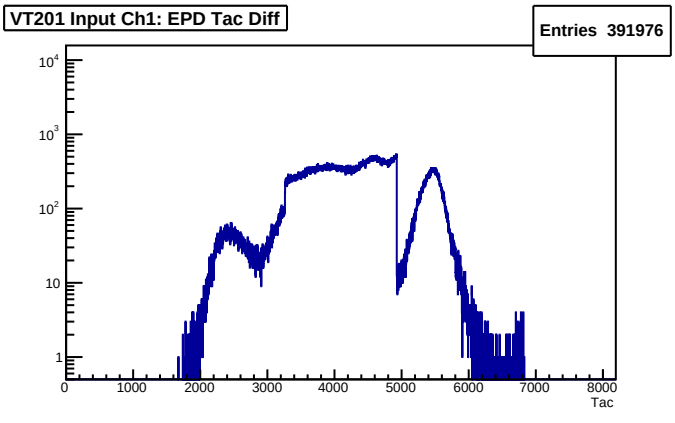

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

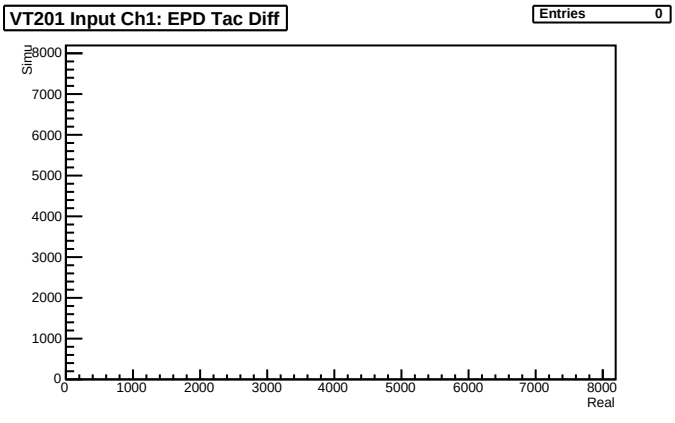

VT201 Input Ch0: BBC Small Tac Diff
Entries 391976
Tac

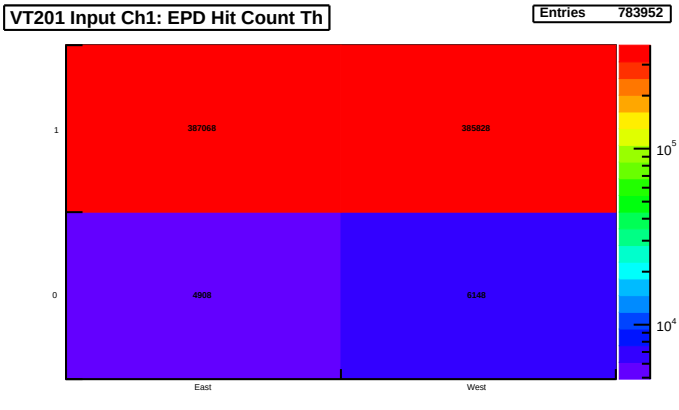

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

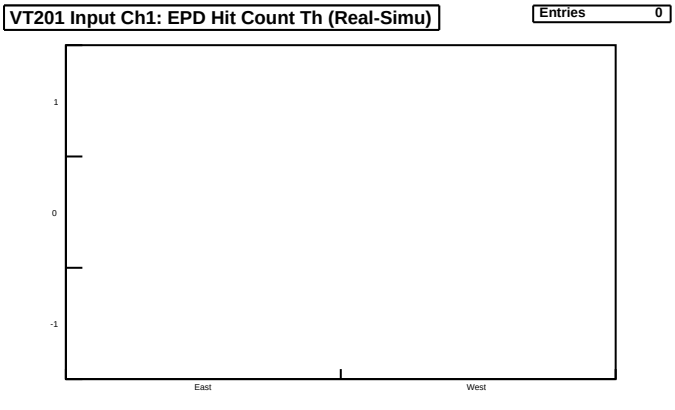

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 783952
269293
335218
122683
50758
East
West

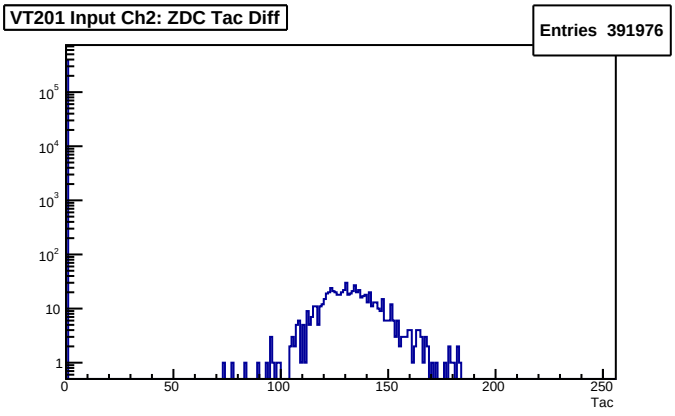

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

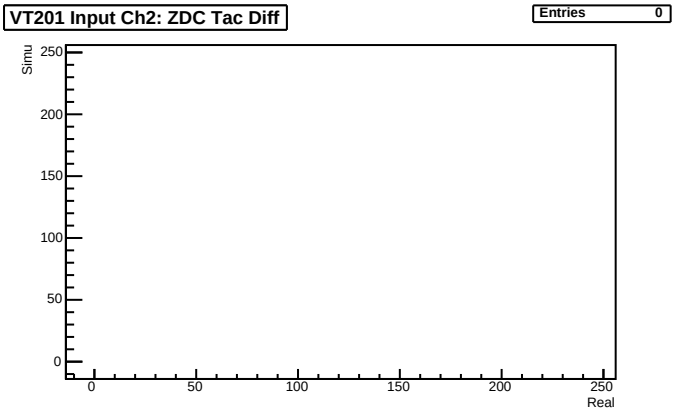

VT201 Input Ch1: EPD Tac Diff
Entries 391976
Tac

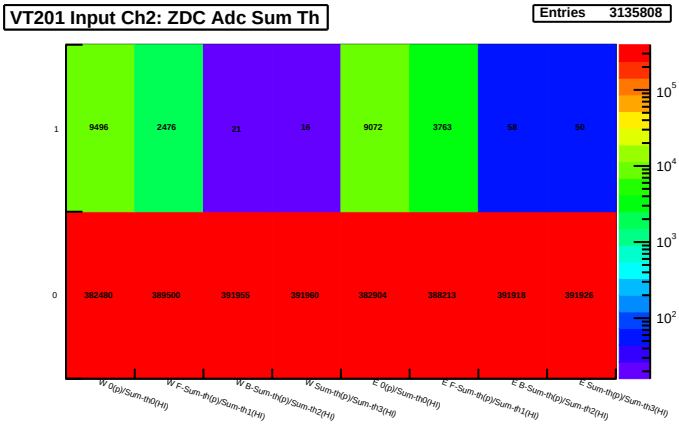

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

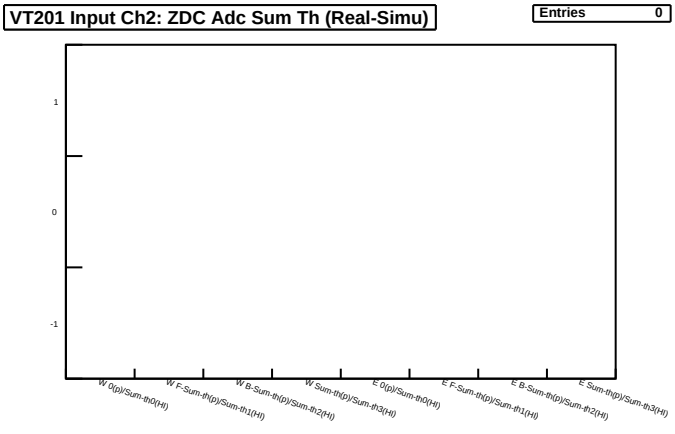

VT201 Input Ch1: EPD Hit Count Th
Entries 783952
387068
385828
4908
6148
East
West

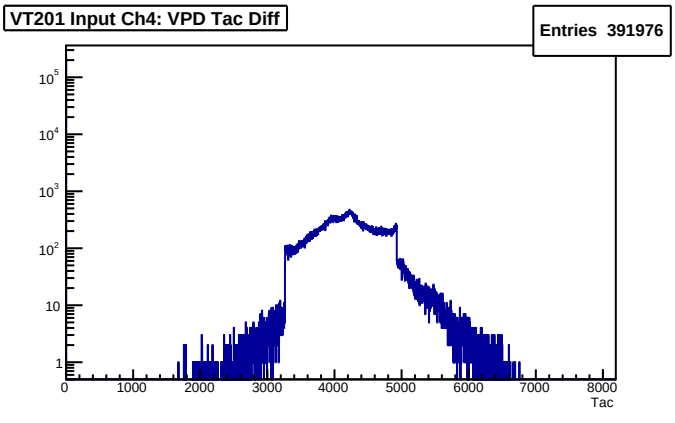

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

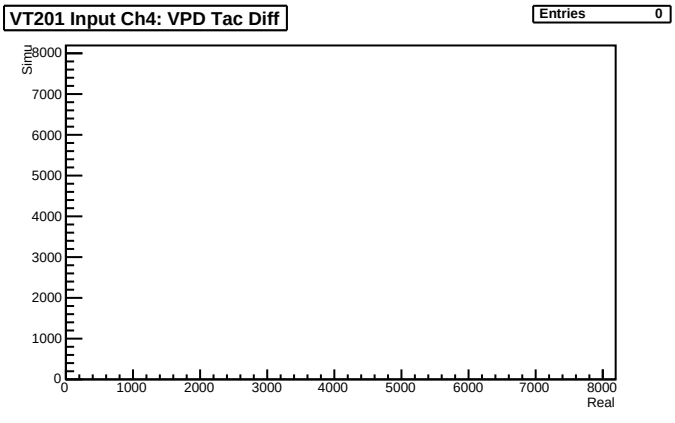

VT201 Input Ch2: ZDC Tac Diff
Entries 391976
Tac

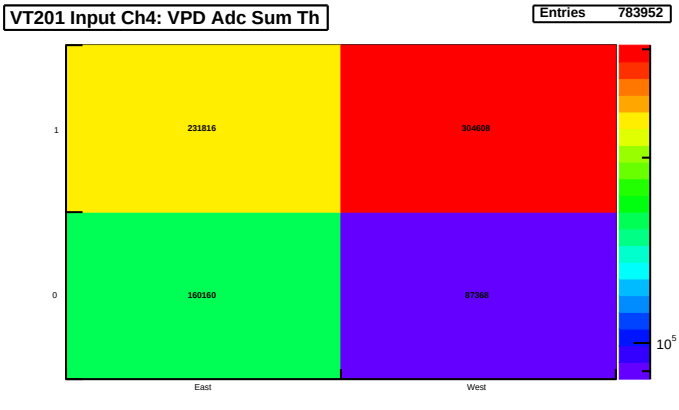

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

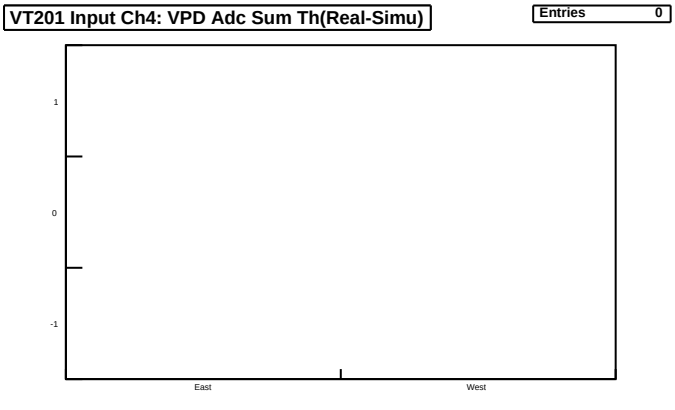

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3135808
9496
2476
21
16
9072
3763
58
50
382480
389500
391955
391960
382904
388213
391918
391926
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

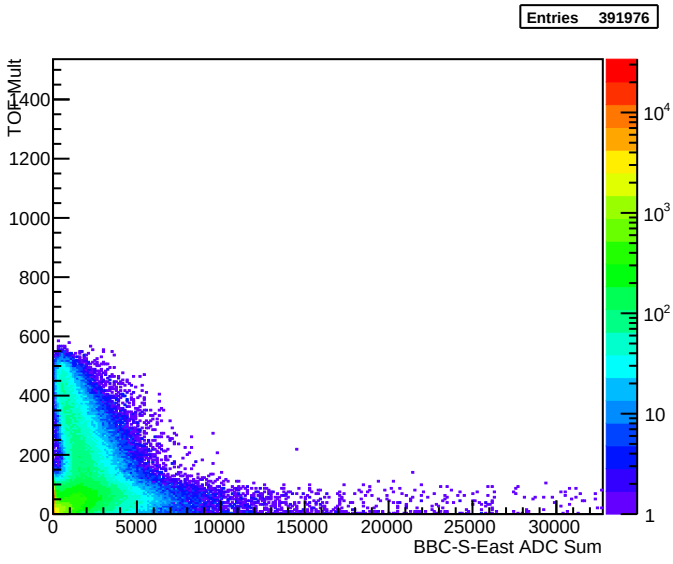

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

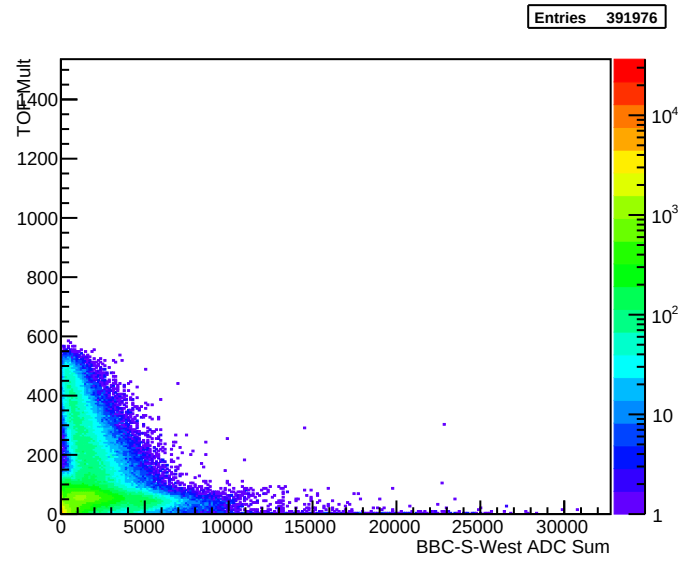

VT201 Input Ch4: VPD Tac Diff
Entries 391976
Tac

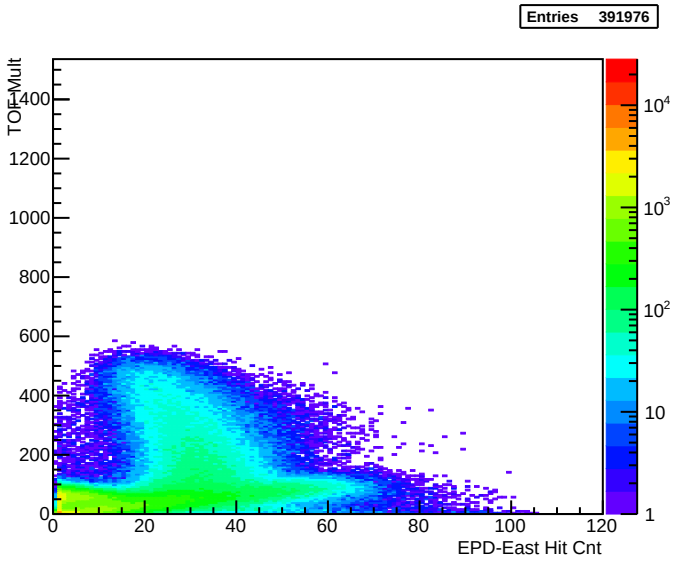

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

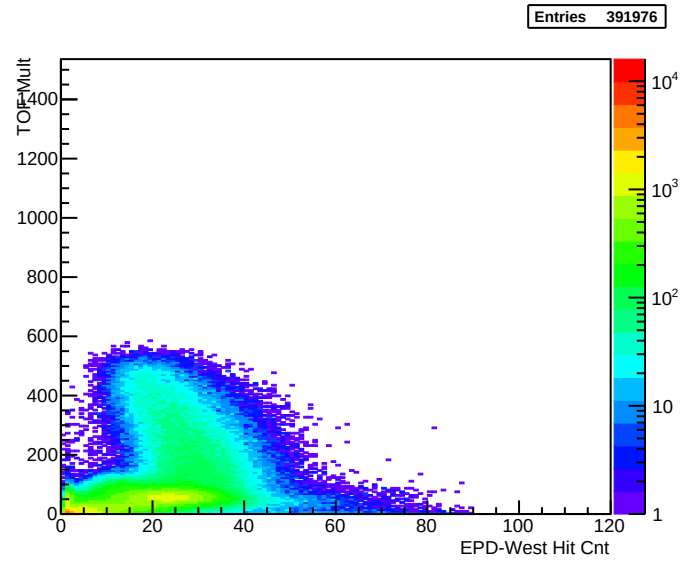

VT201 Input Ch4: VPD Adc Sum Th
Entries 783952
231816
304608
160160
87368
East
West

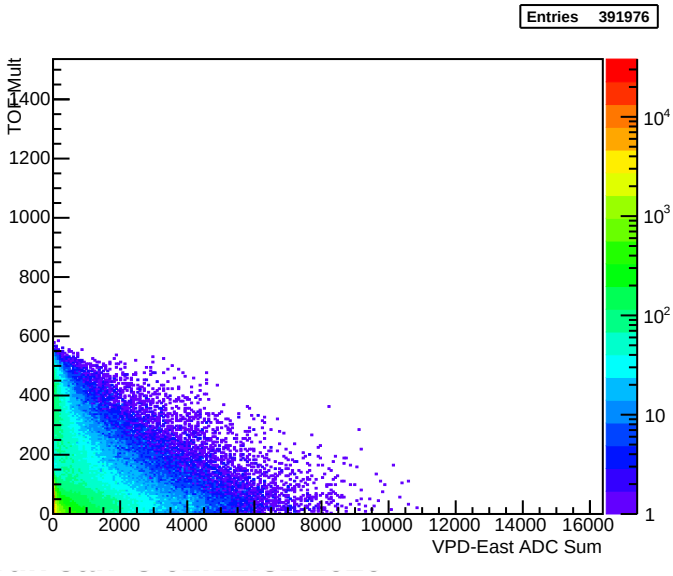

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

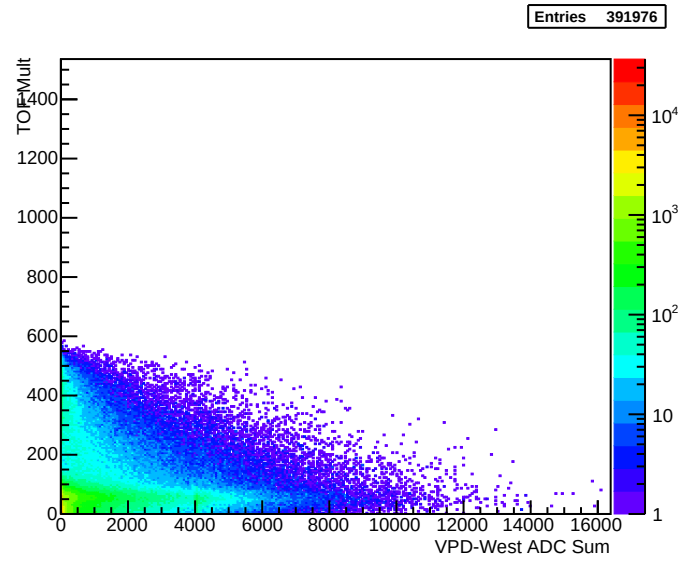

Entries 391976
TOF-Mult
BBC-S-East ADC Sum

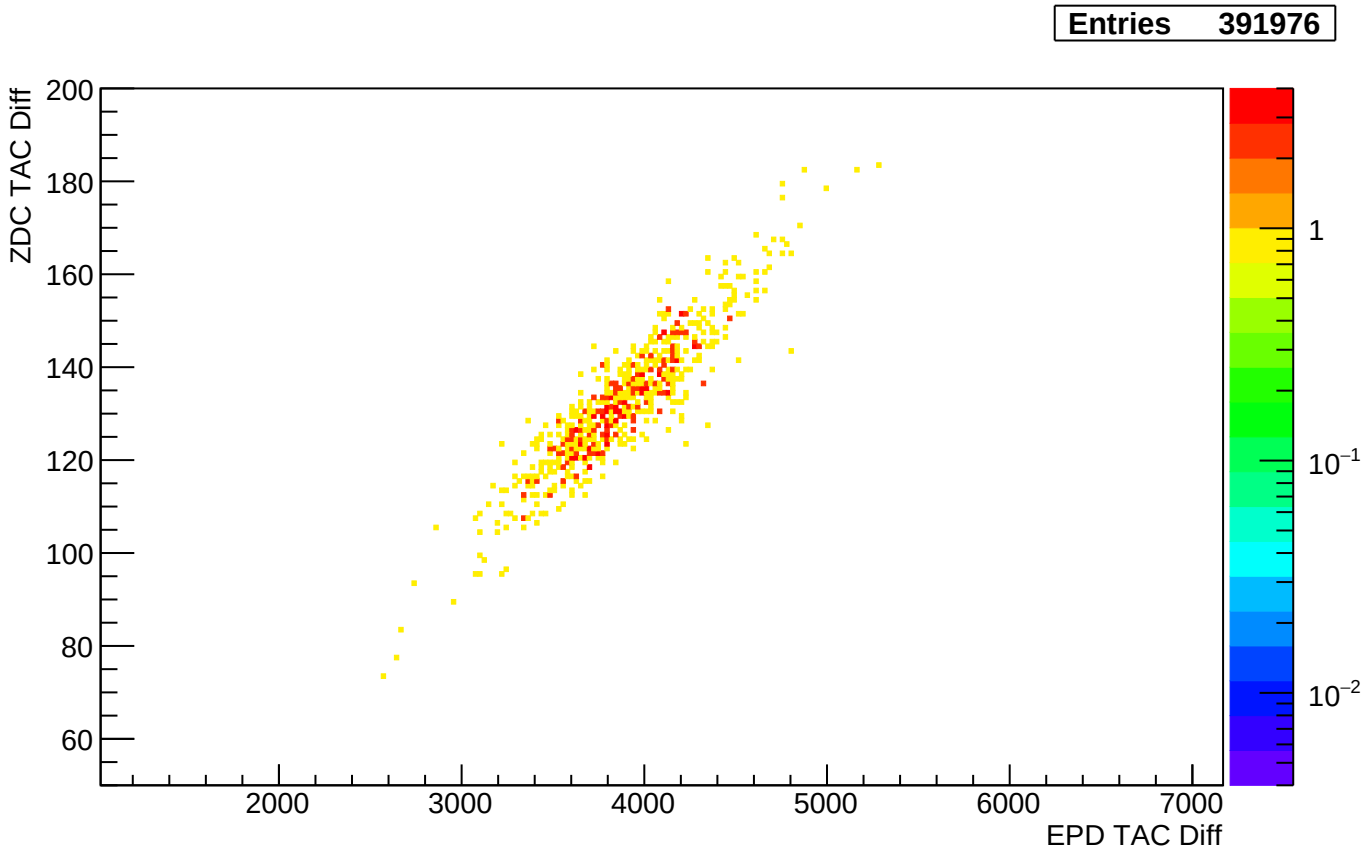

Entries 391976
TOF-Mult
BBC-S-West ADC Sum

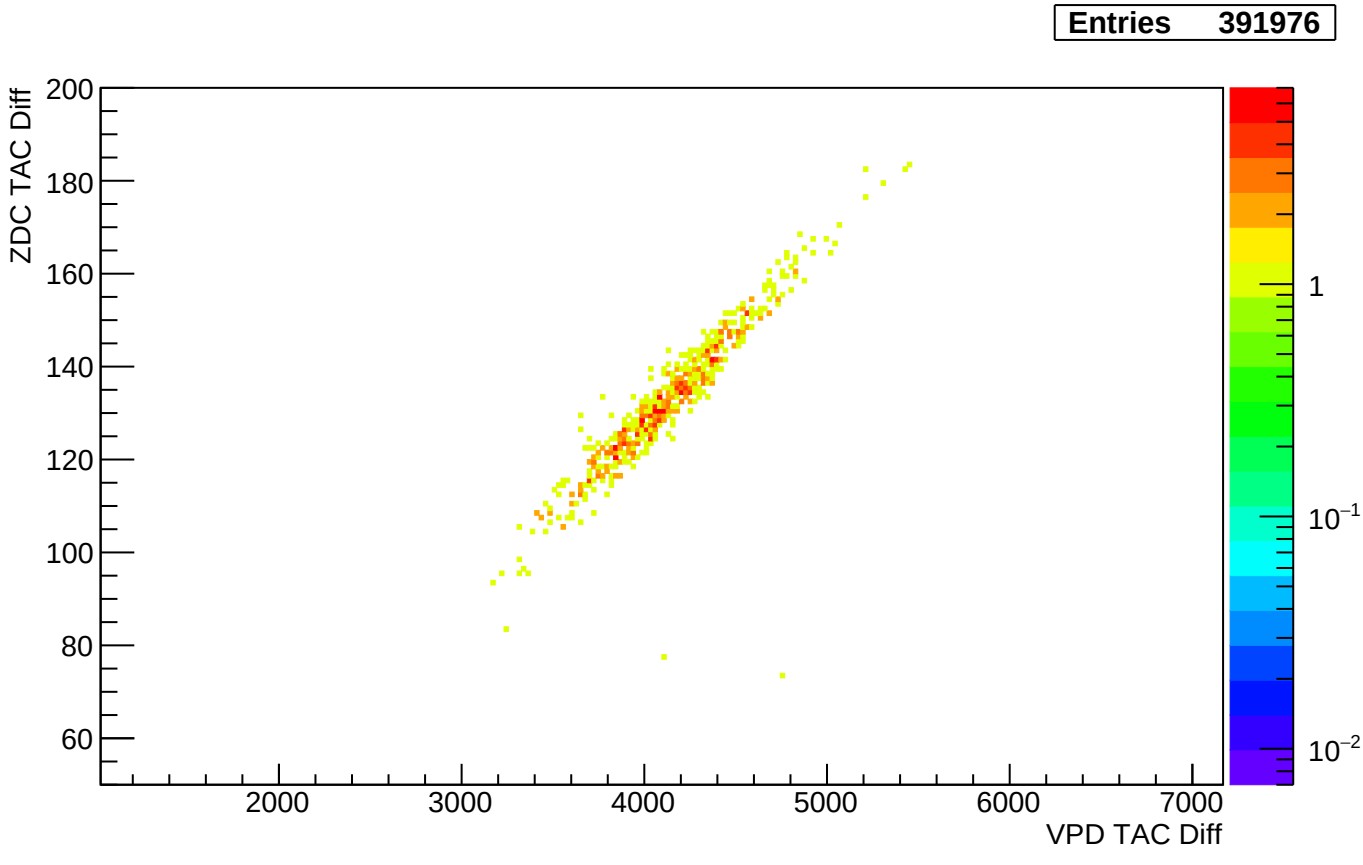

Entries 391976
TOF-Mult
EPD-East Hit Cnt

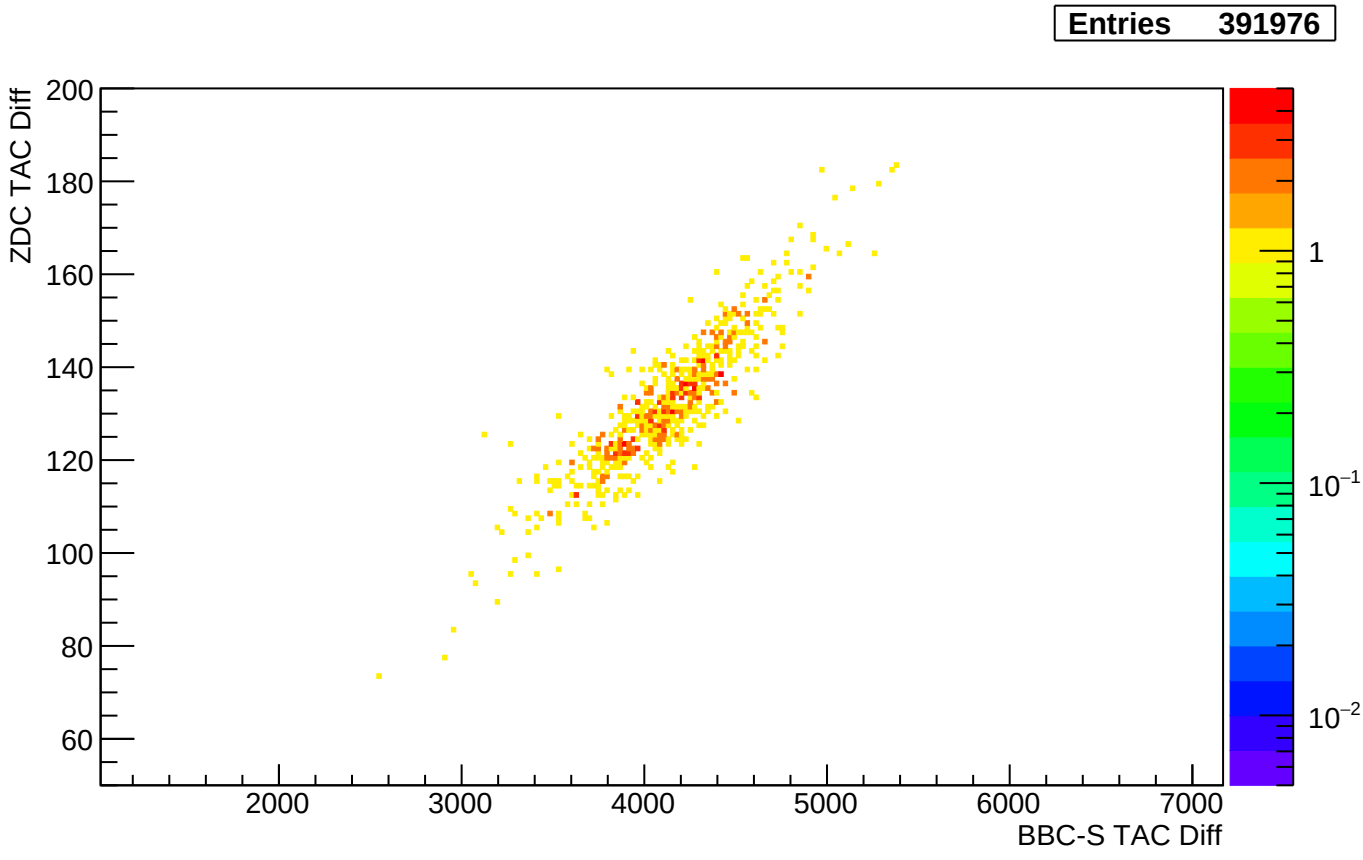

Entries 391976
TOF-Mult
EPD-West Hit Cnt

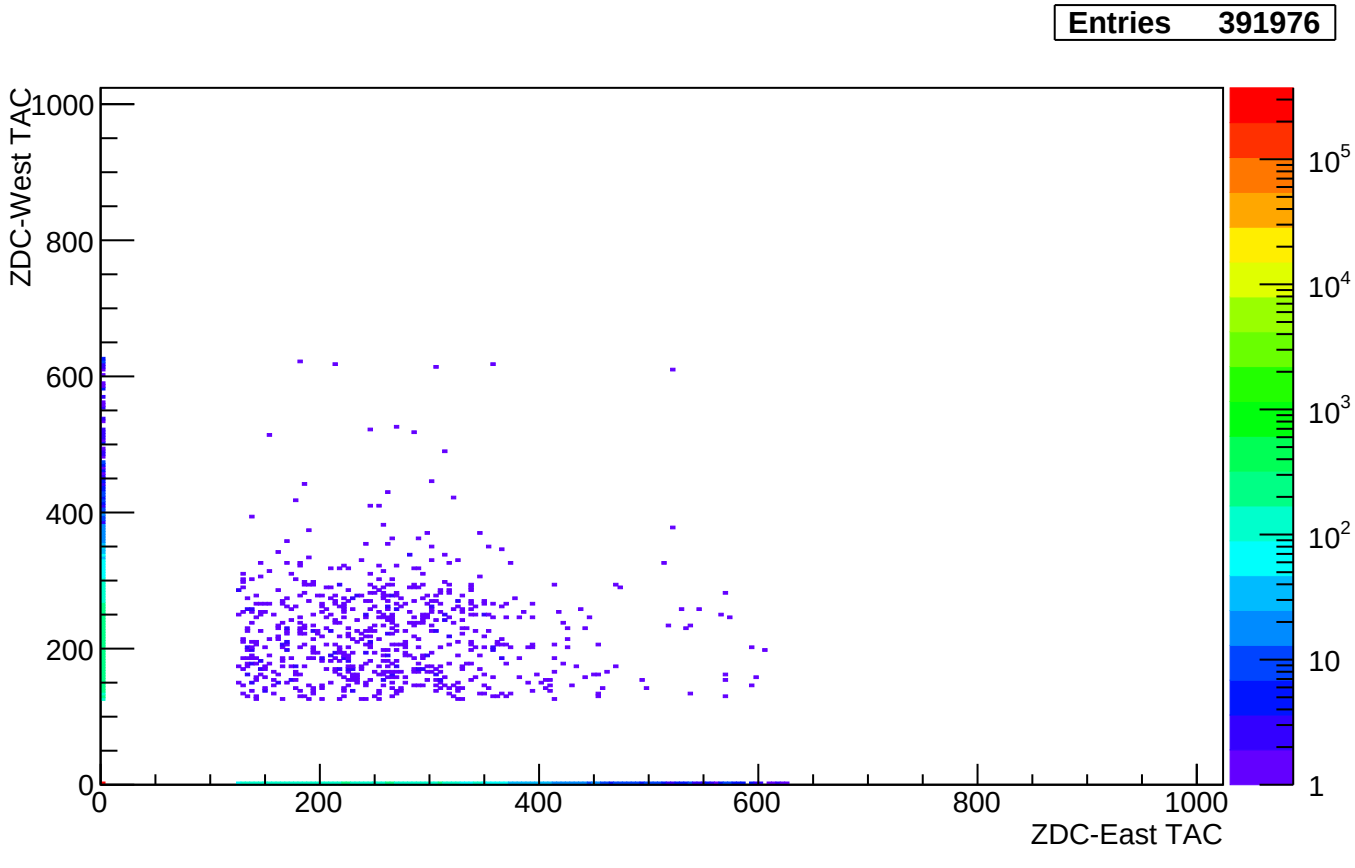

Entries 391976
TOF-Mult
VPD-East ADC Sum

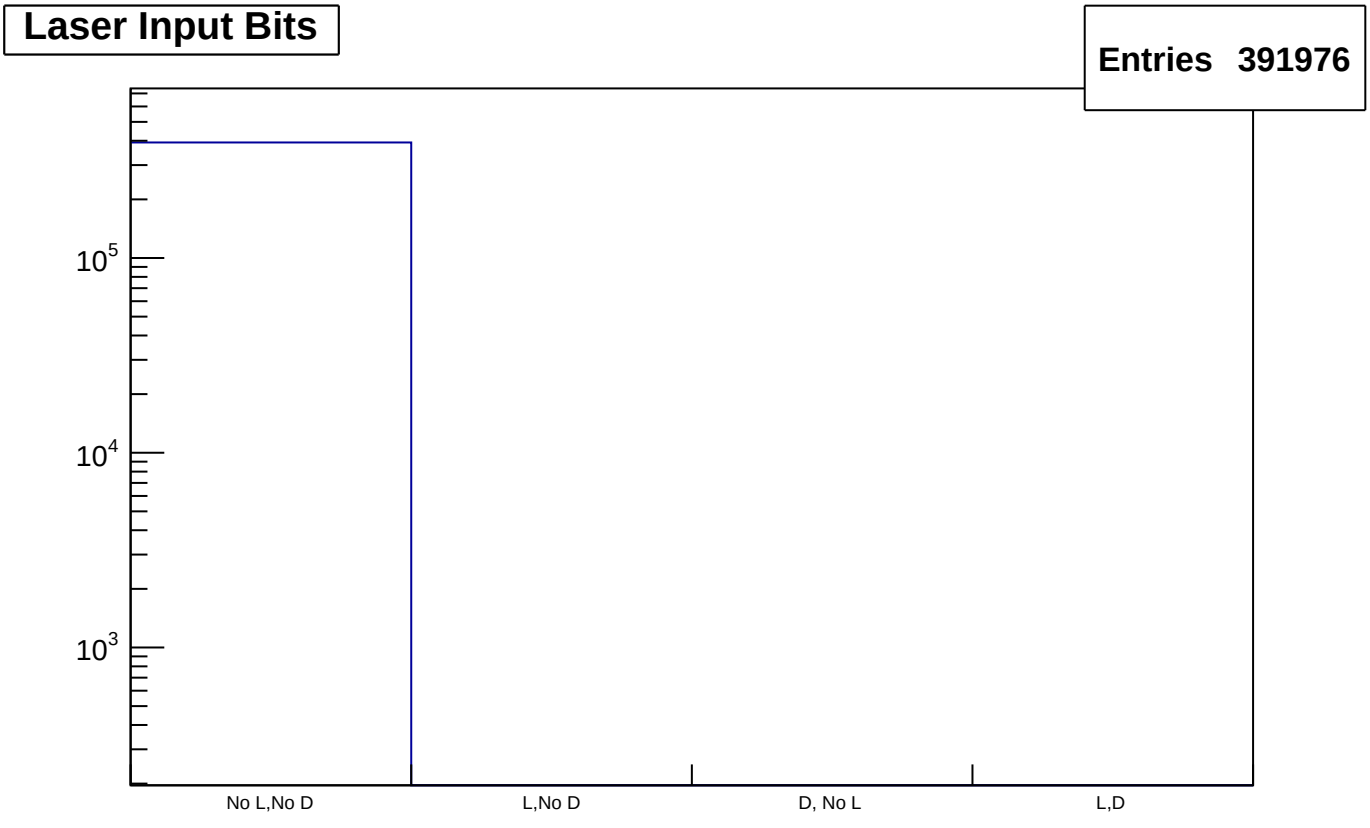

Entries 391976
TOF-Mult
VPD-West ADC Sum

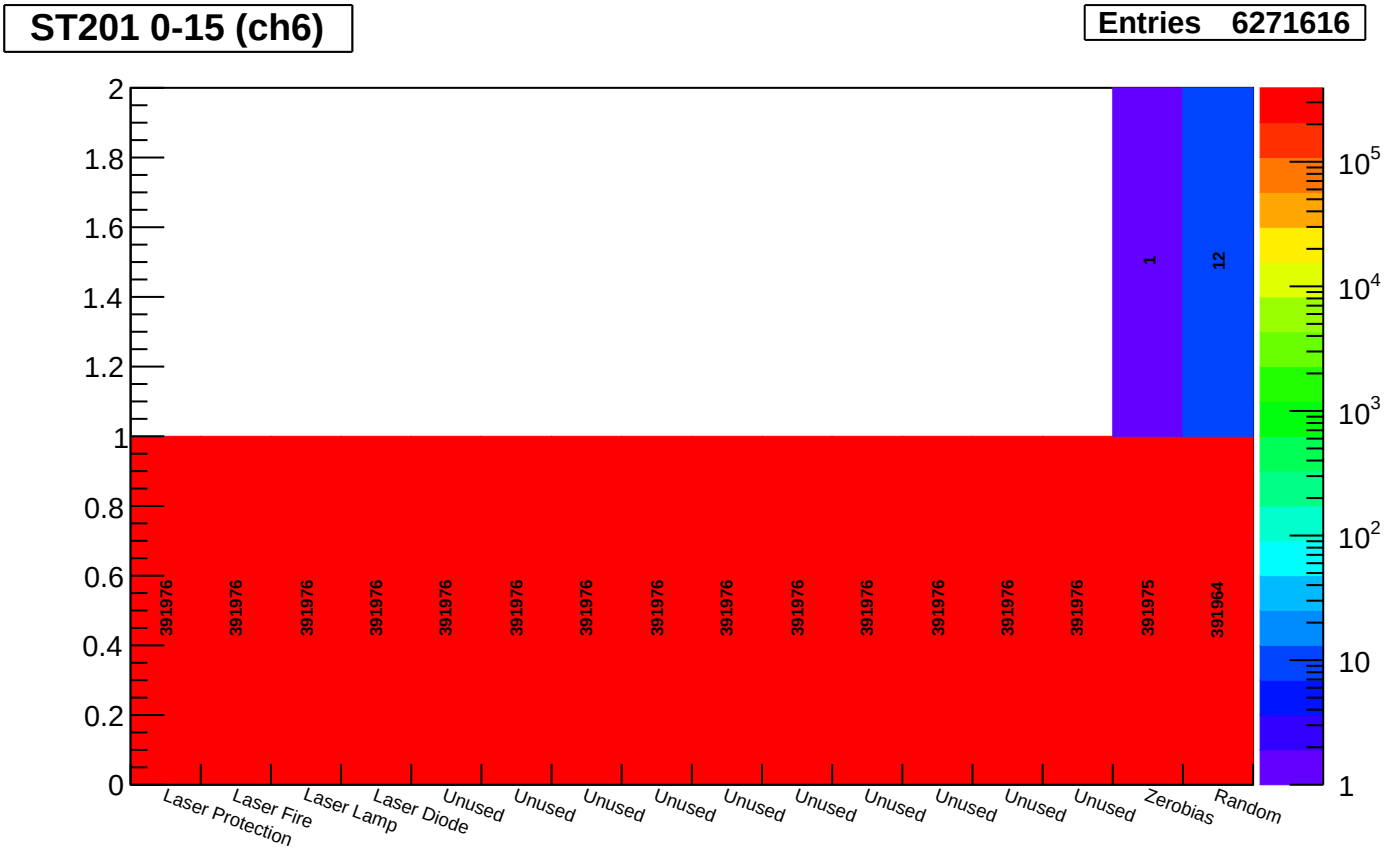

Entries 391976
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

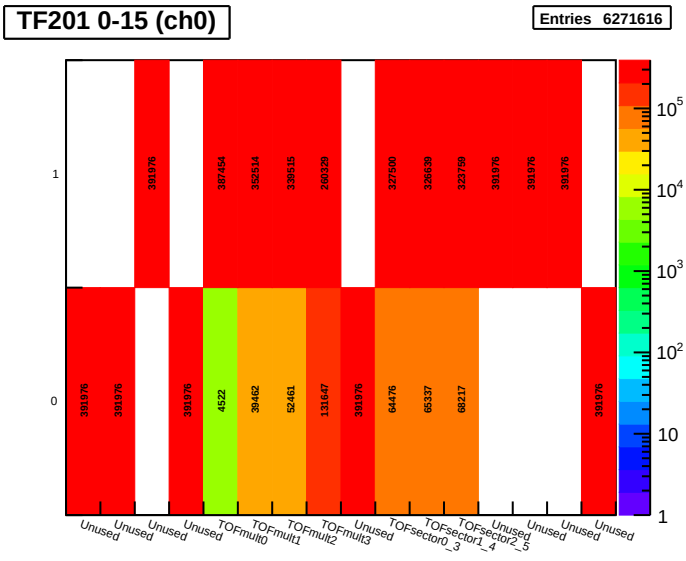

Entries 391976
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

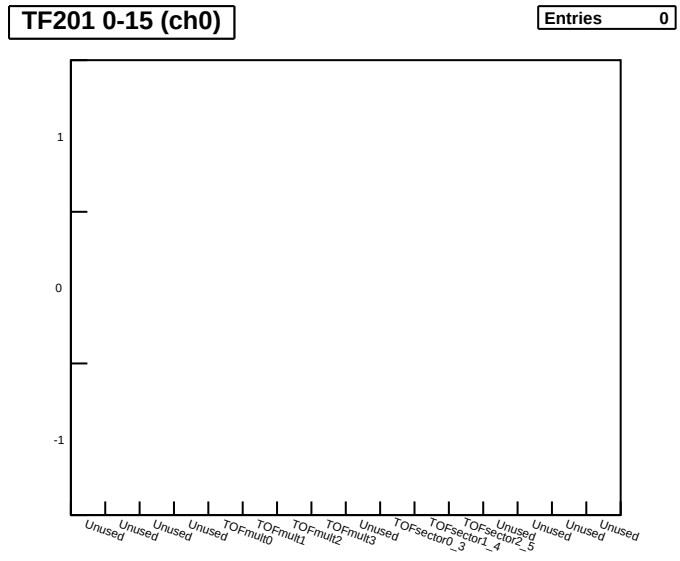

Entries 391976
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

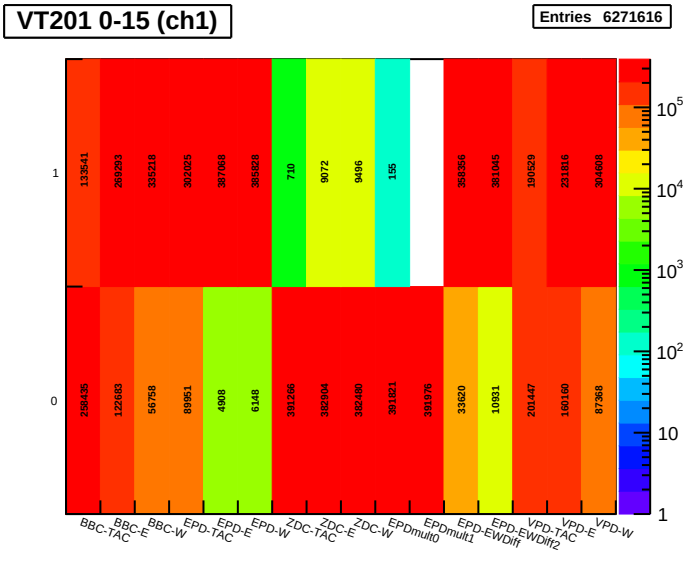

Entries 391976
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

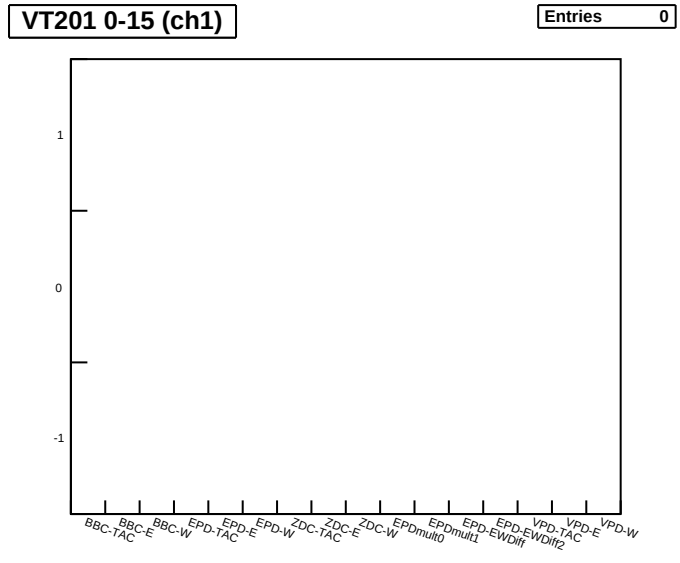

Laser Input Bits
Entries 391976
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

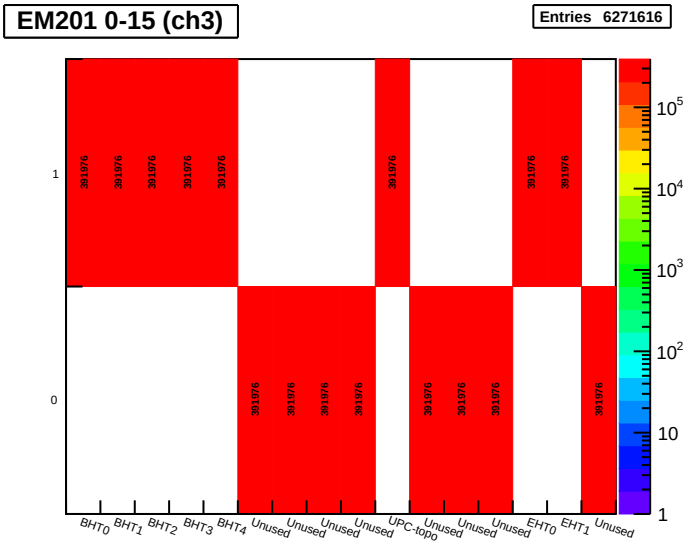

ST201 0-15 (ch6)
Entries 6271616
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
391976
391976
391976
391976
391976
391976
391976
391976
391976
391976
391976
391976
391976
391976
391975
391964
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

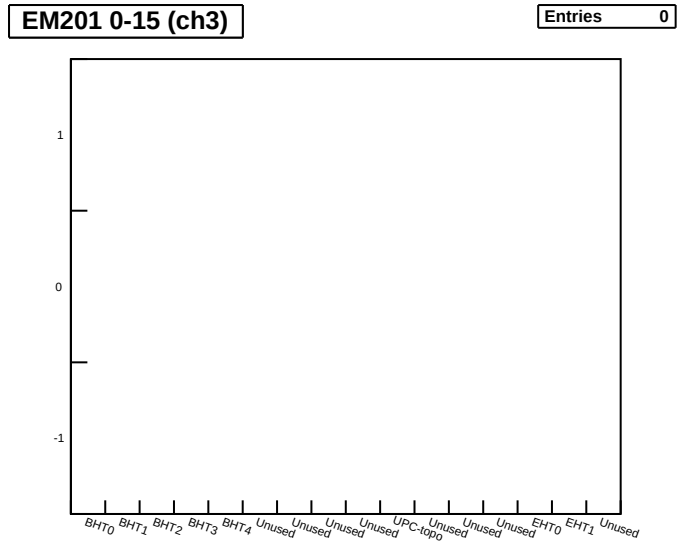

TF201 0-15 (ch0)
Entries 6271616
1
0
391976 391976 391976 391976 391976 391976 391976 391976 391976 391976 391976 391976
391976 391976 391976 4522 39462 52461 131647 391976 64476 65337 68217 391976
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 6271616
1
0
133541 269293 335218 302025 387068 385828 710 9072 9496 155 358356 381045 190529 231816 304608
258435 122683 56758 89951 4908 6148 391266 382904 382480 391821 391976 33620 10931 201447 160160 87368
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 6271616
1
0
391976 391976 391976 391976 391976 391976 391976 391976 391976
391976 391976 391976 391976 391976 391976 391976 391976
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