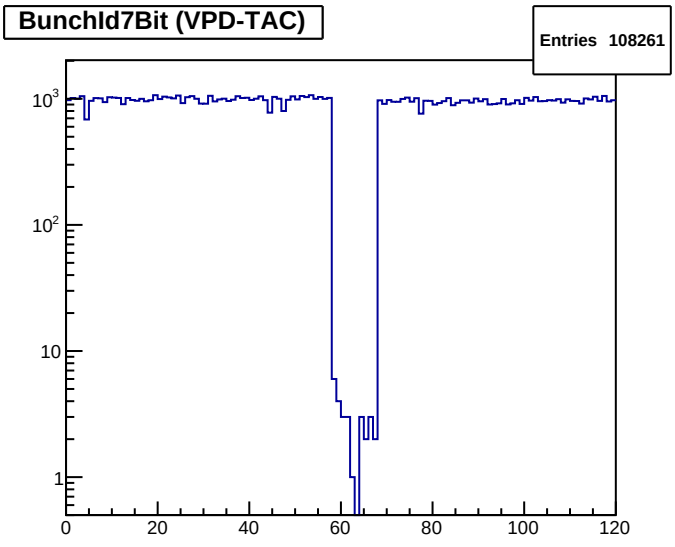
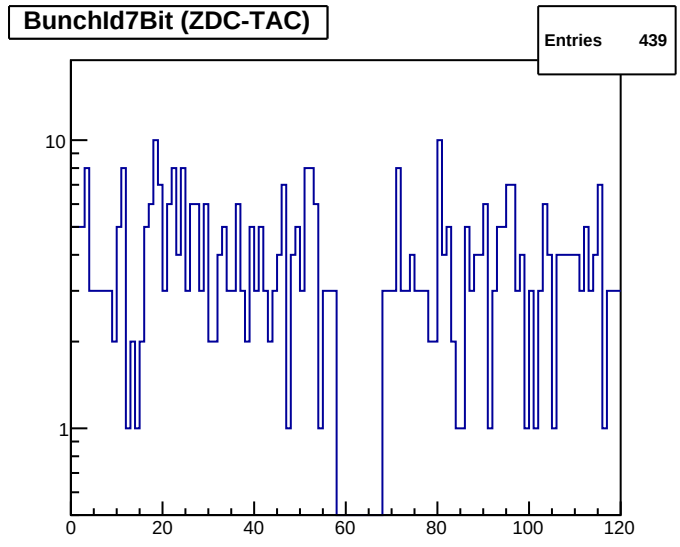
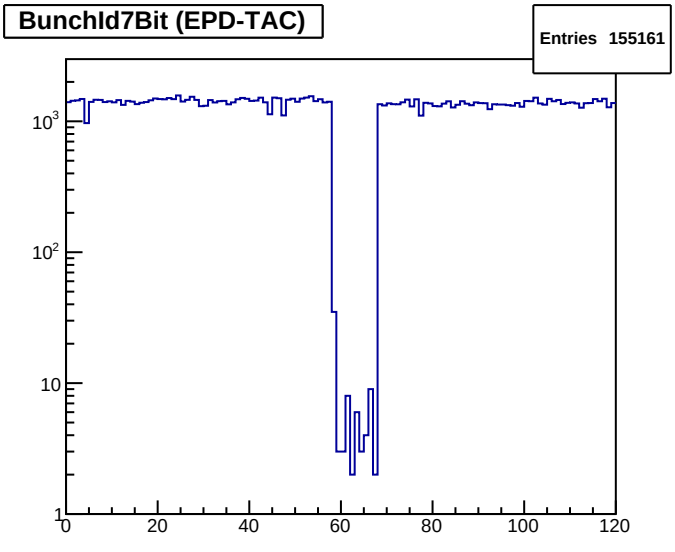
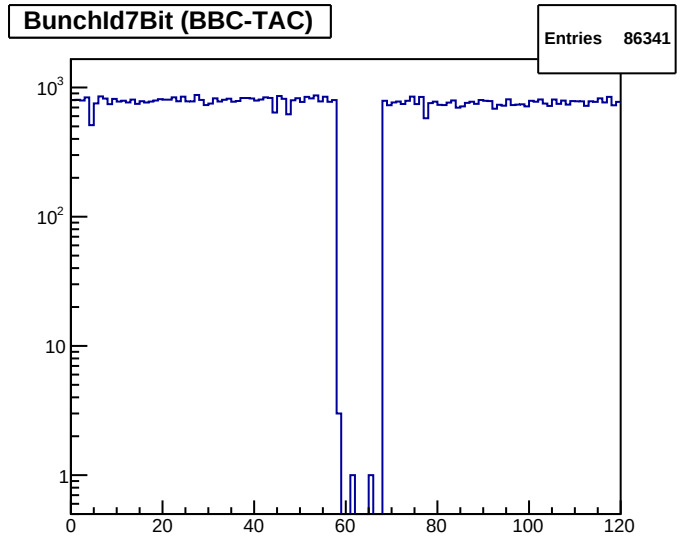
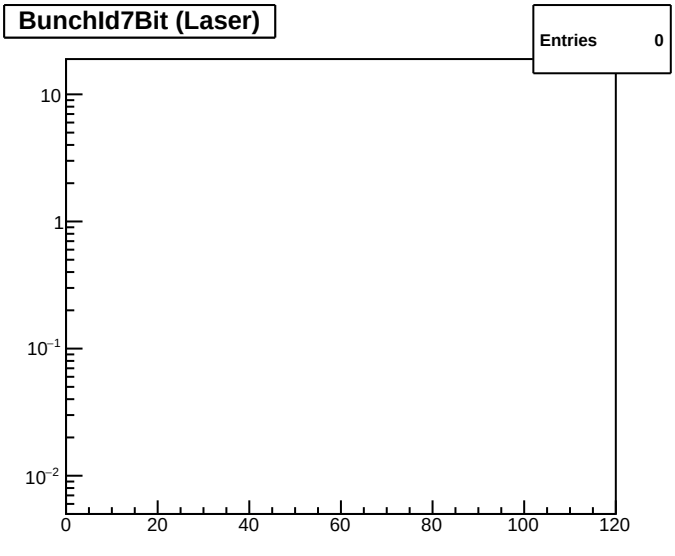
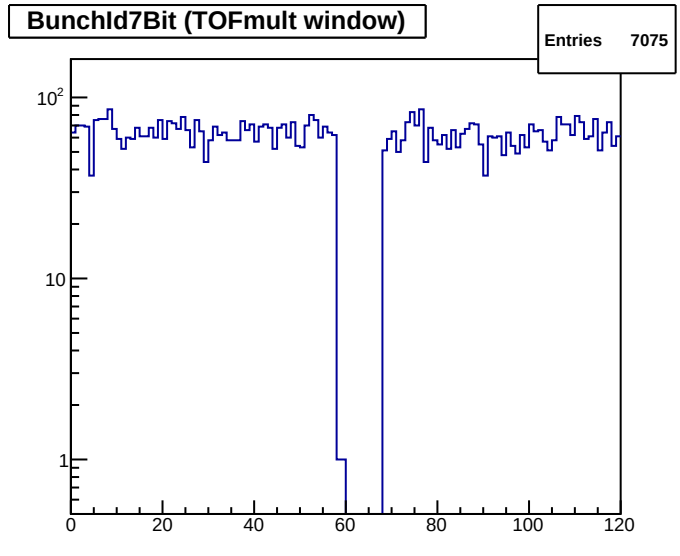

BunchId7Bit (VPD-TAC)
Entries 108261

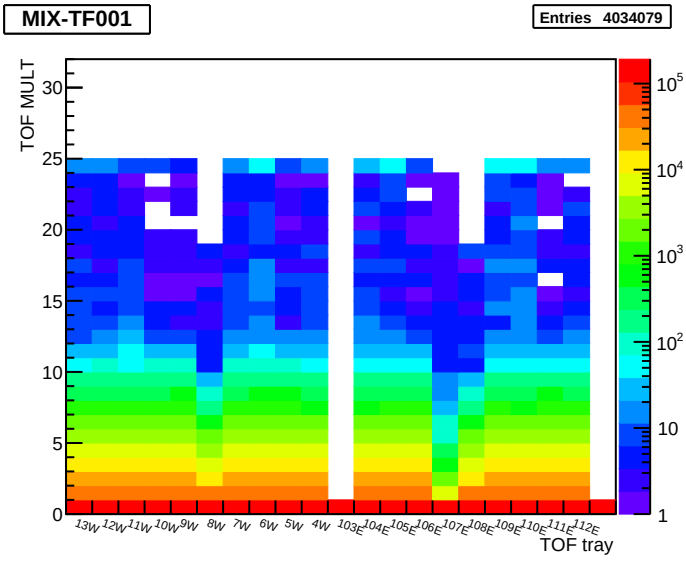

BunchId7Bit (ZDC-TAC)
Entries 439

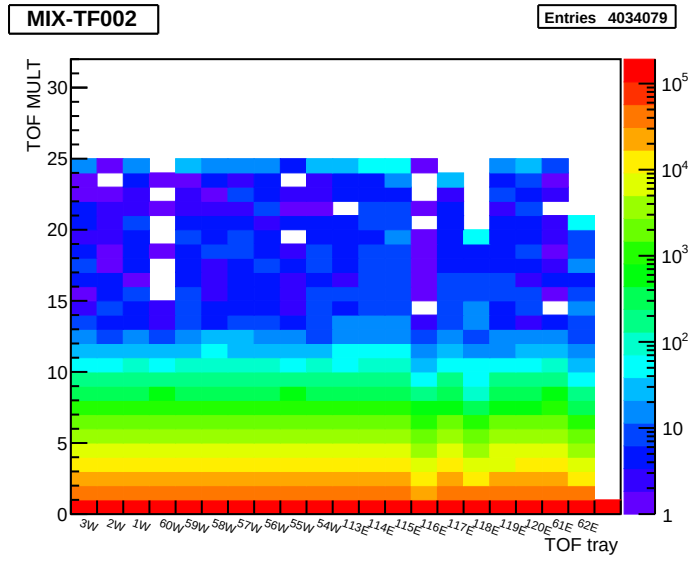

BunchId7Bit (EPD-TAC)
Entries 155161

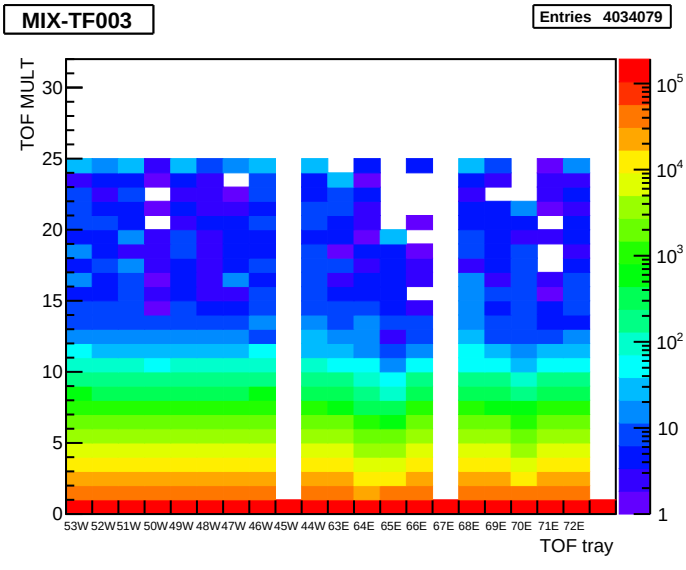

BunchId7Bit (BBC-TAC)
Entries 86341

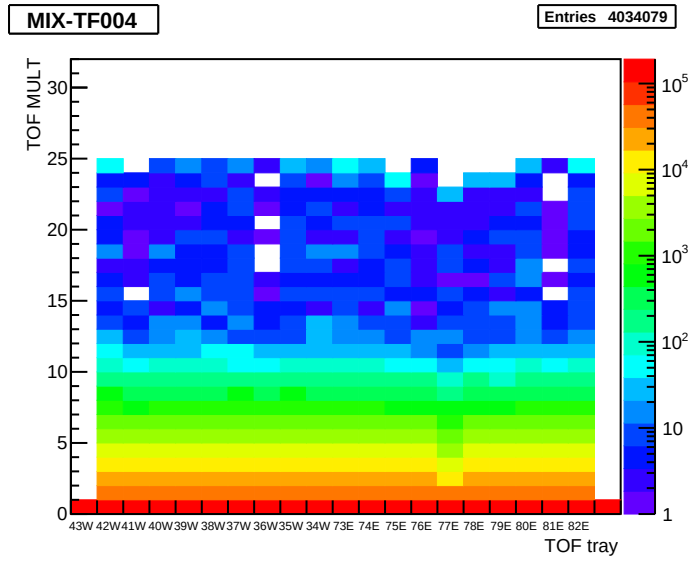

BunchId7Bit (Laser)
Entries 0

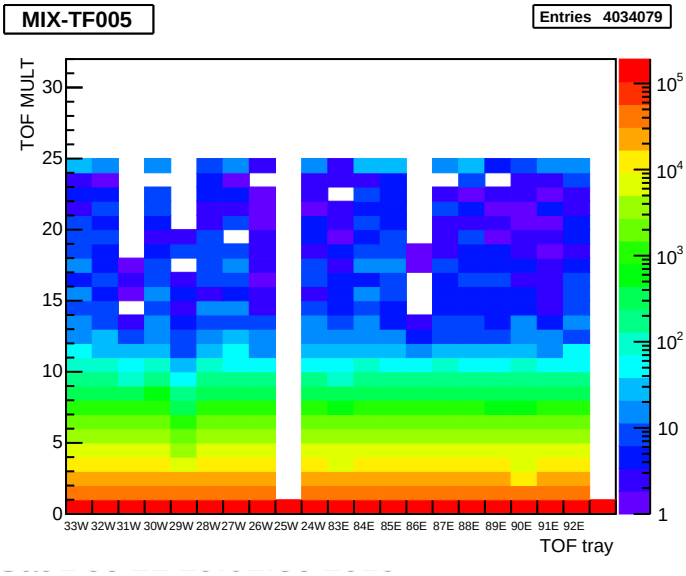

BunchId7Bit (TOFmult window)
Entries 7075

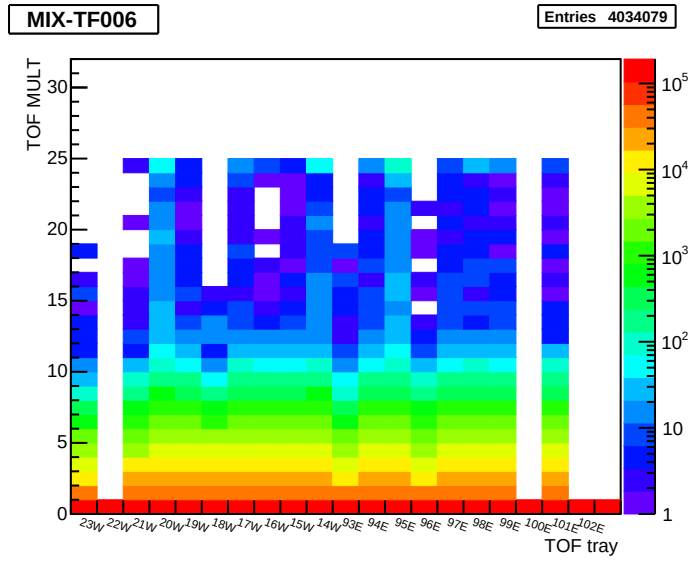

MIX-TF001
Entries 4034079
TOF MULT
TOF tray

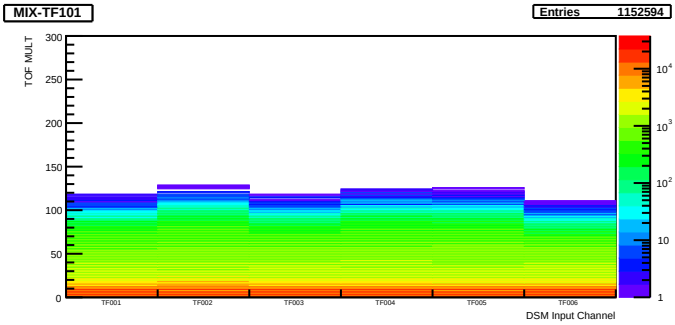

MIX-TF002
Entries 4034079
TOF MULT
TOF tray

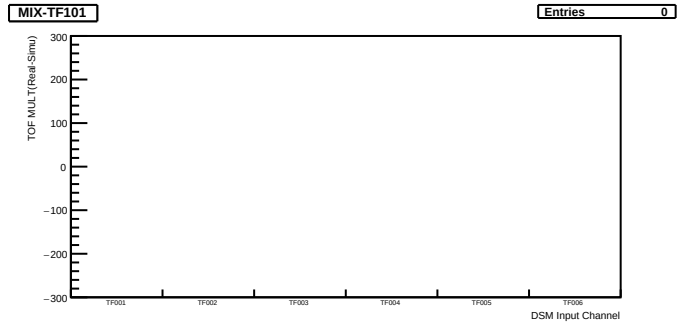

MIX-TF003
Entries 4034079
TOF MULT
TOF tray

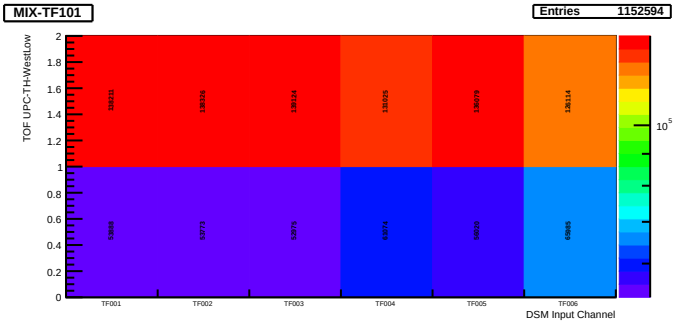

MIX-TF004
Entries 4034079
TOF MULT
TOF tray

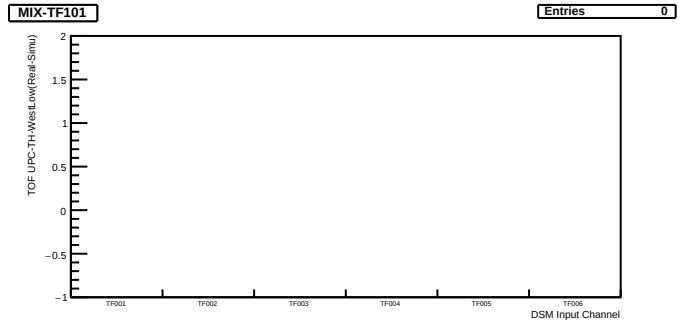

MIX-TF005
Entries 4034079
TOF MULT
TOF tray

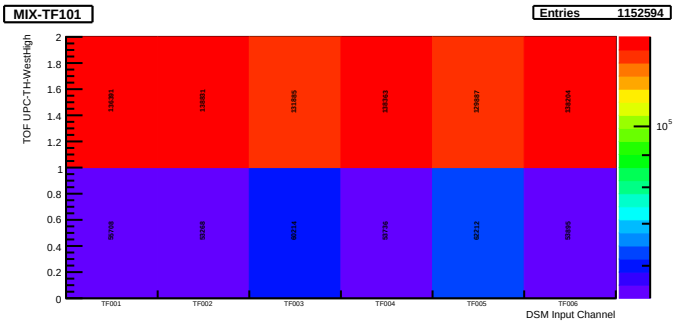

MIX-TF006
Entries 4034079
TOF MULT
TOF tray

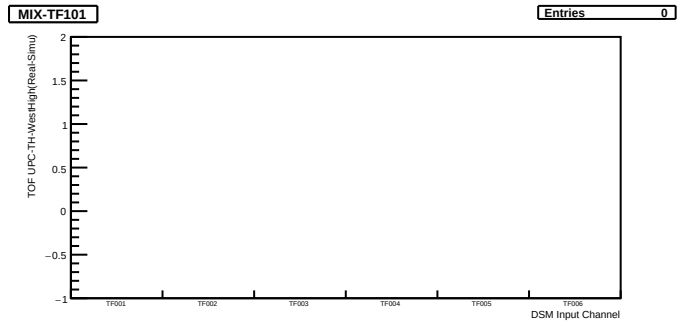

MIX-TF101
Entries 1152594
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

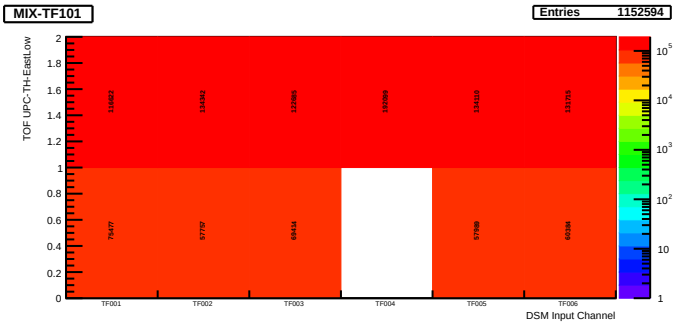

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

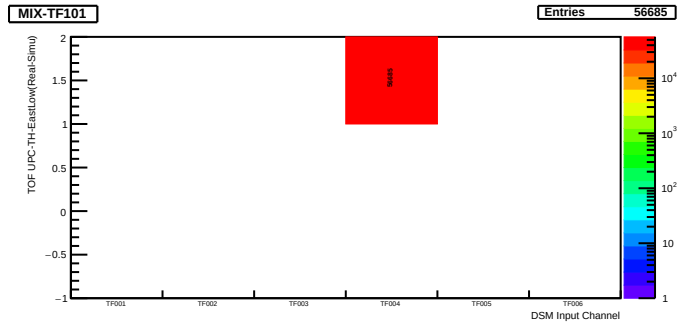

MIX-TF101
Entries 1152594
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

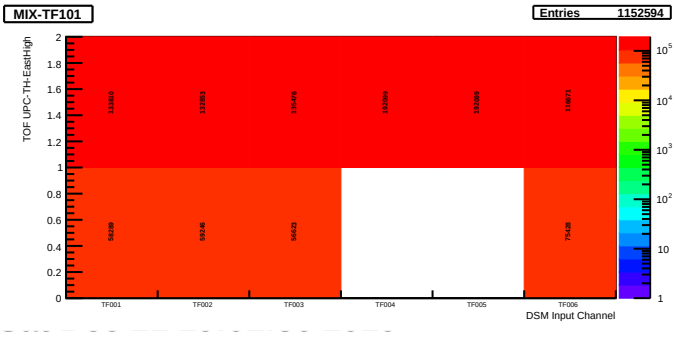

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

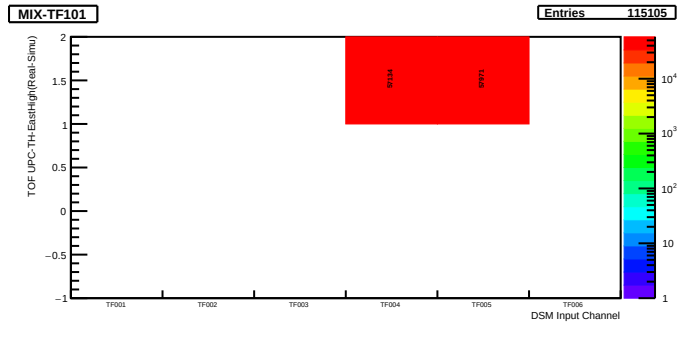

MIX-TF101
Entries 1152594
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

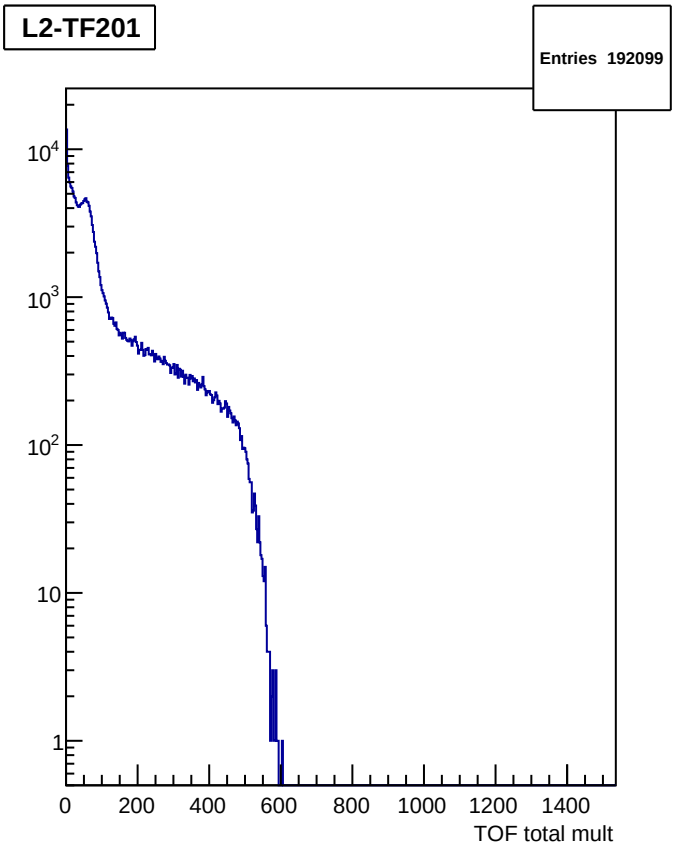

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

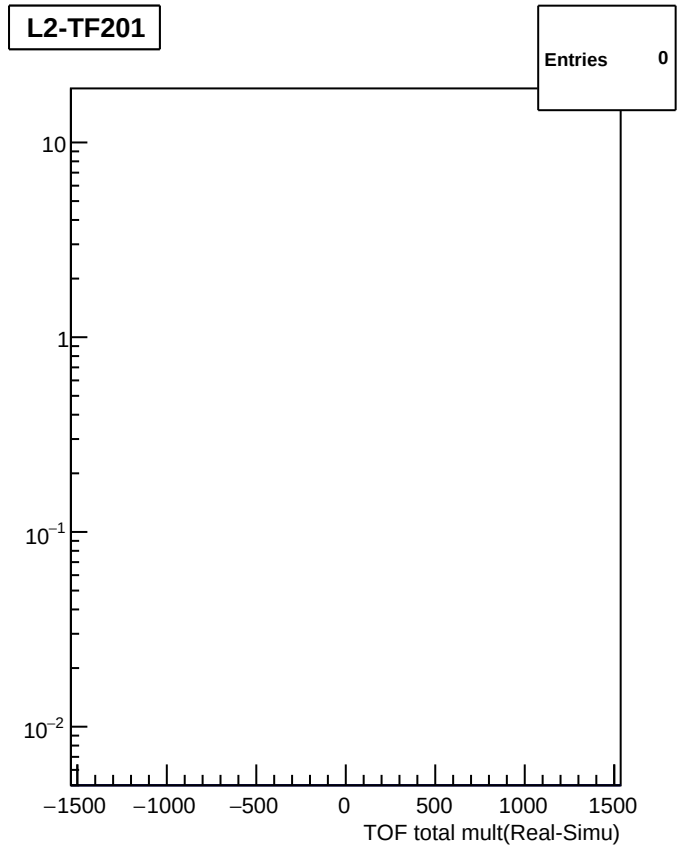

MIX-TF101
Entries 1152594
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

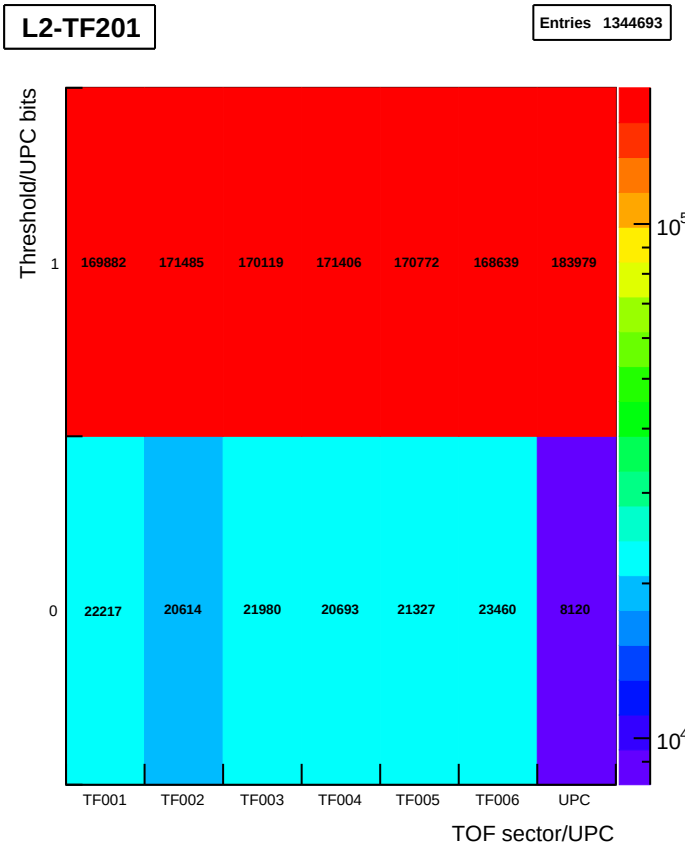

MIX-TF101
Entries 56685
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

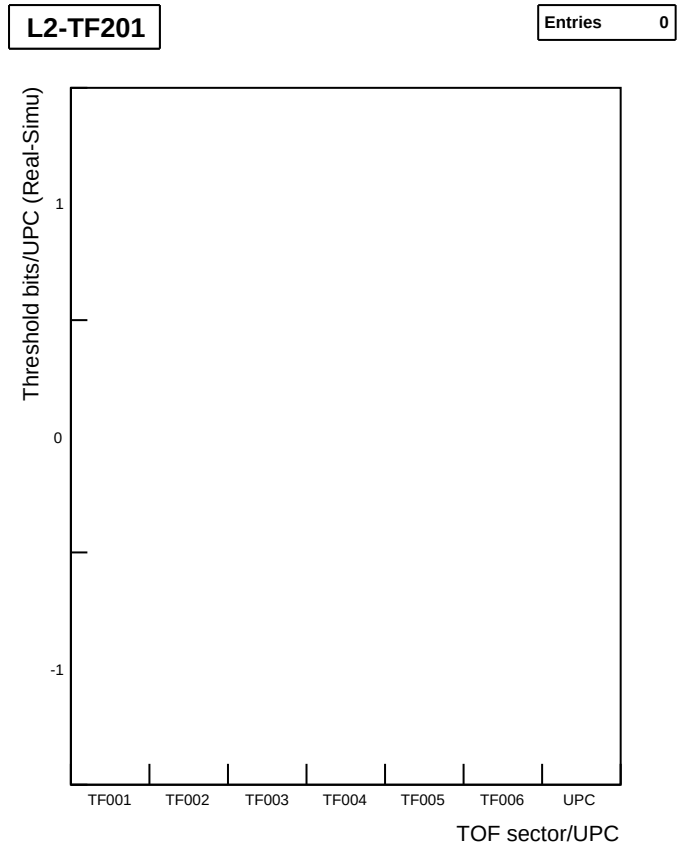

MIX-TF101
Entries 1152594
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

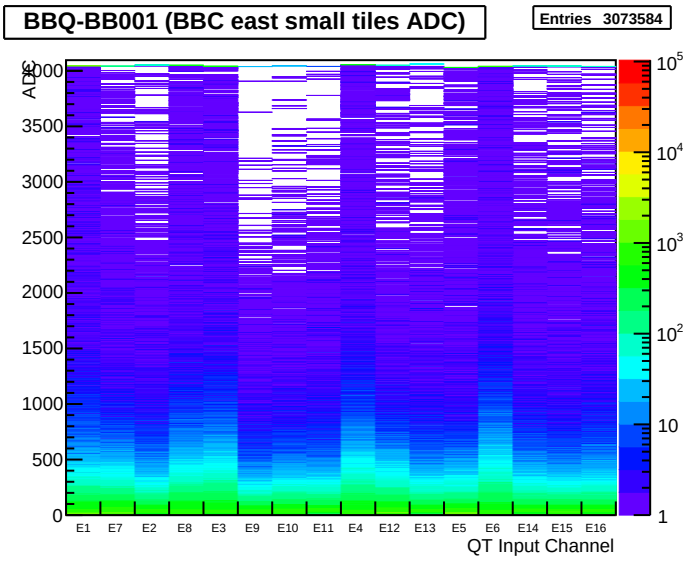

MIX-TF101
Entries 115105
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

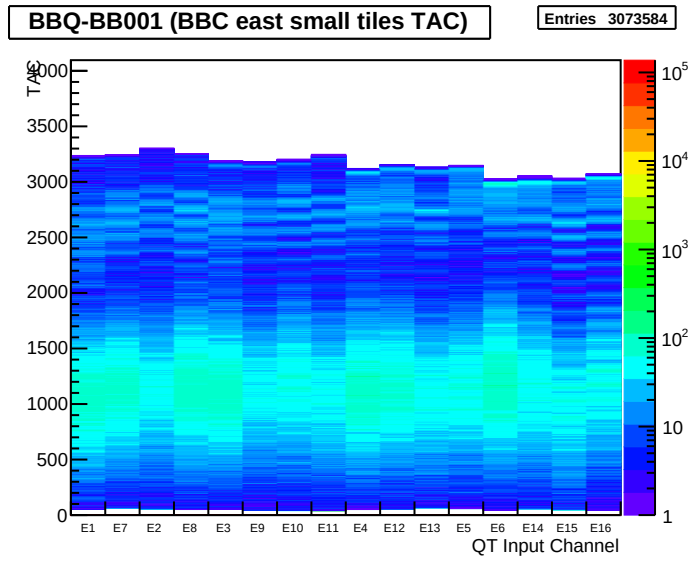

L2-TF201
Entries 192099
TOF total mult

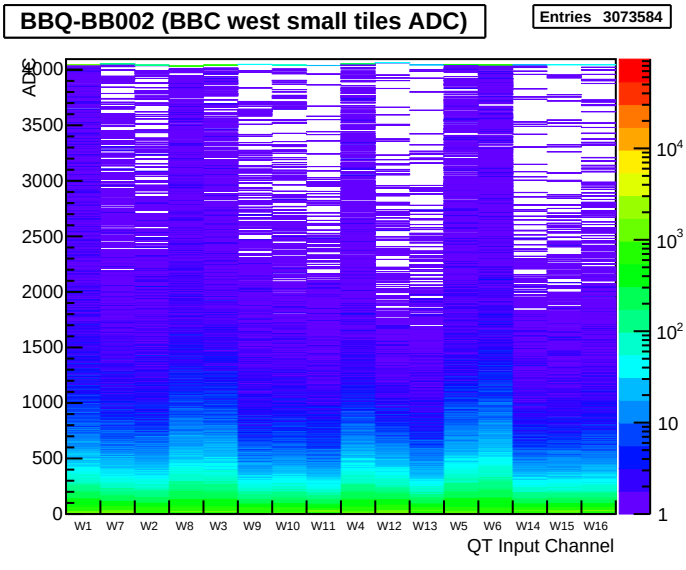

L2-TF201
Entries 0
TOF total mult(Real-Simu)

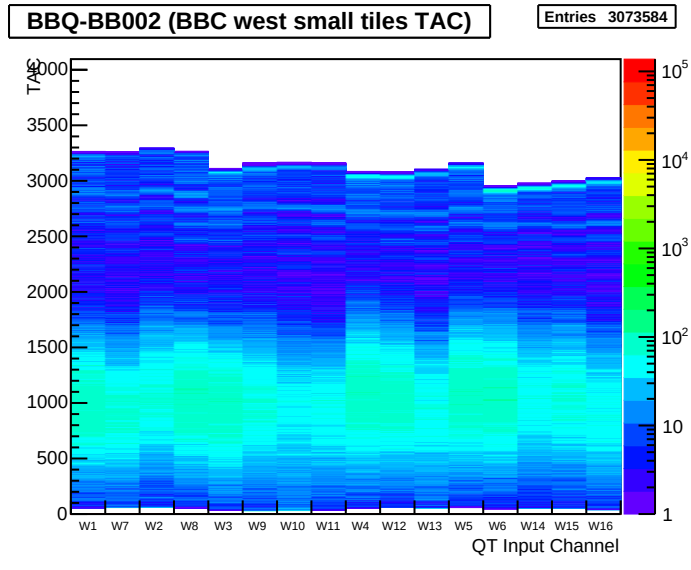

L2-TF201
Entries 1344693
Threshold/UPC bits
169882
171485
170119
171406
170772
168639
183979
22217
20614
21980
20693
21327
23460
8120
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

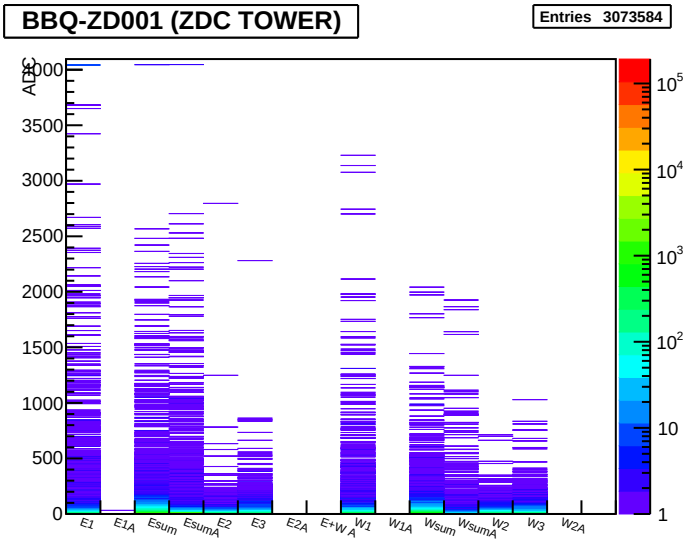

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

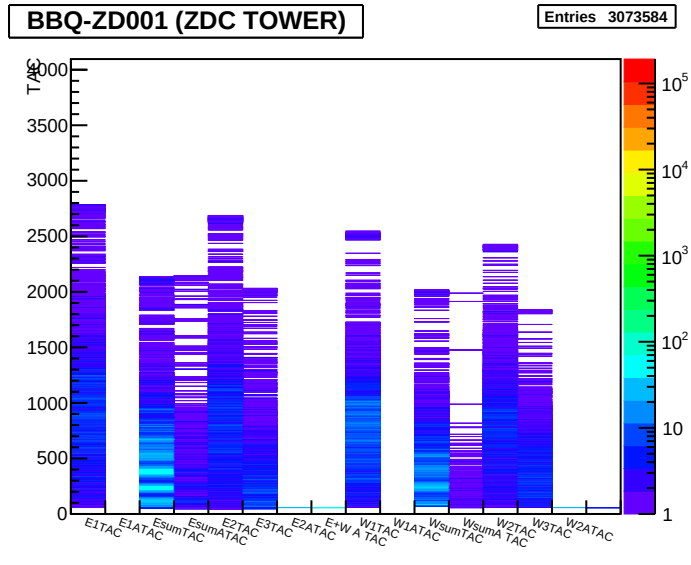

BBQ-BB001 (BBC east small tiles ADC)
Entries 3073584
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

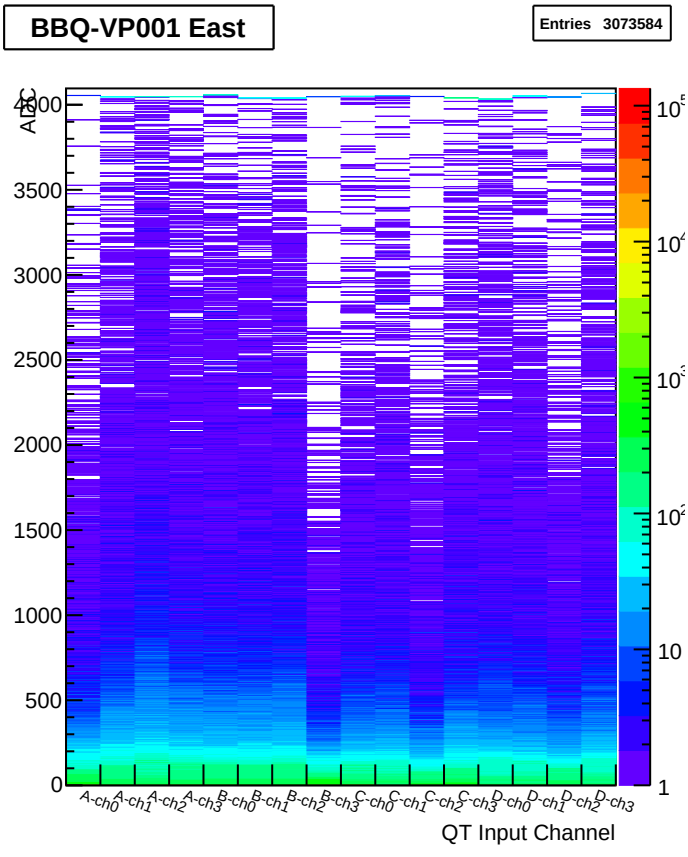

BBQ-BB001 (BBC east small tiles TAC)
Entries 3073584
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

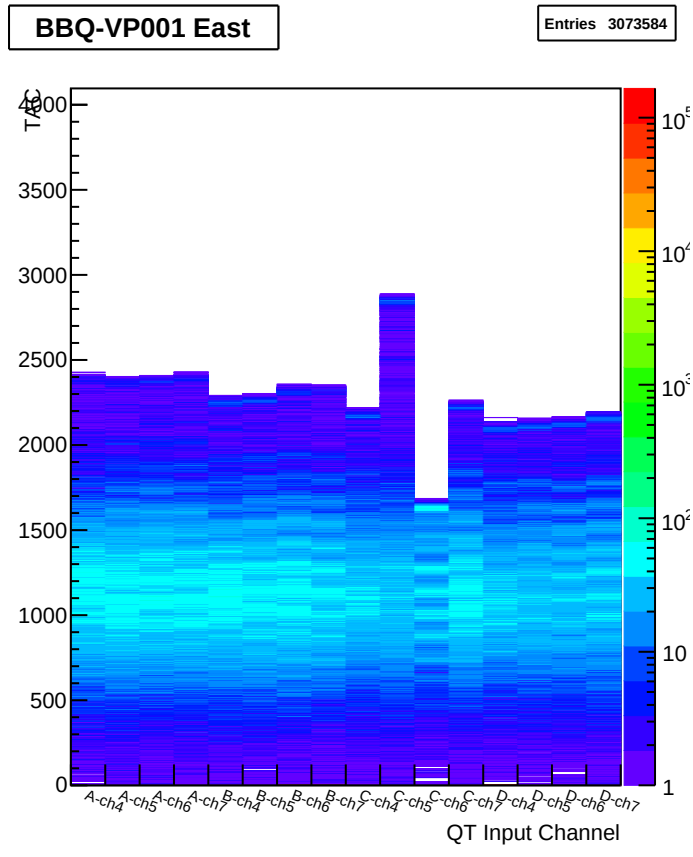

BBQ-BB002 (BBC west small tiles ADC)
Entries 3073584
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

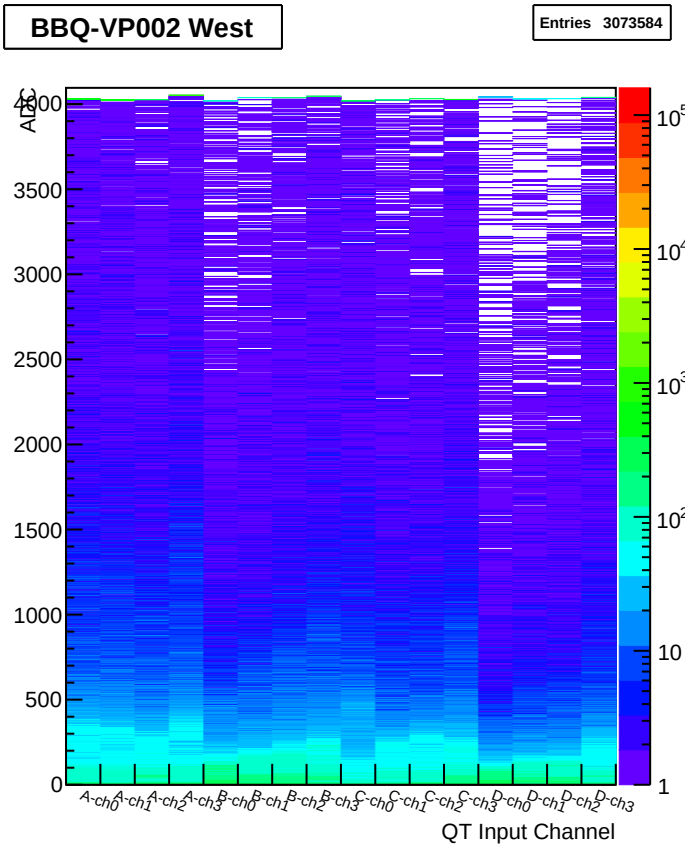

BBQ-BB002 (BBC west small tiles TAC)
Entries 3073584
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

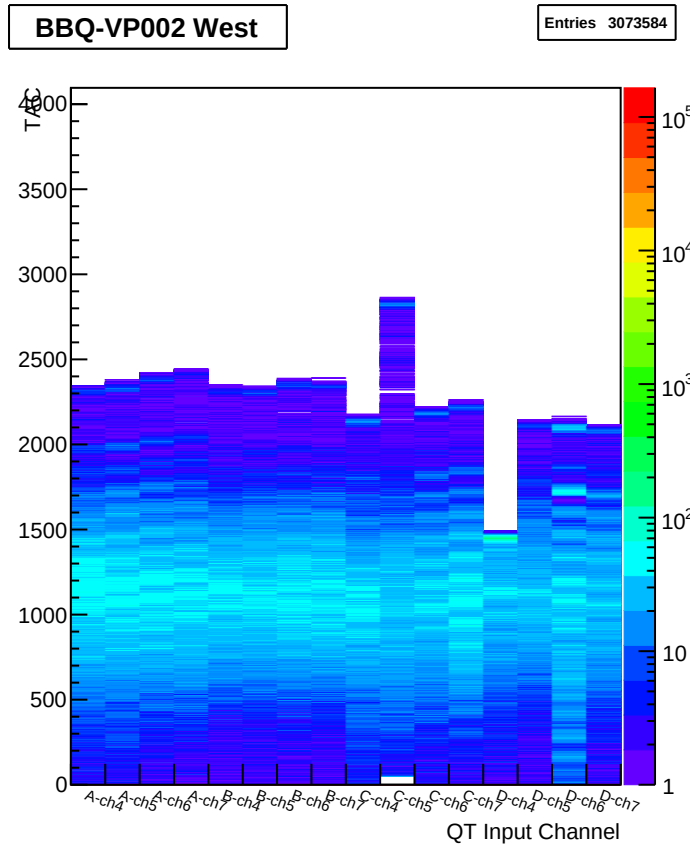

BBQ-ZD001 (ZDC TOWER)
Entries 3073584
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

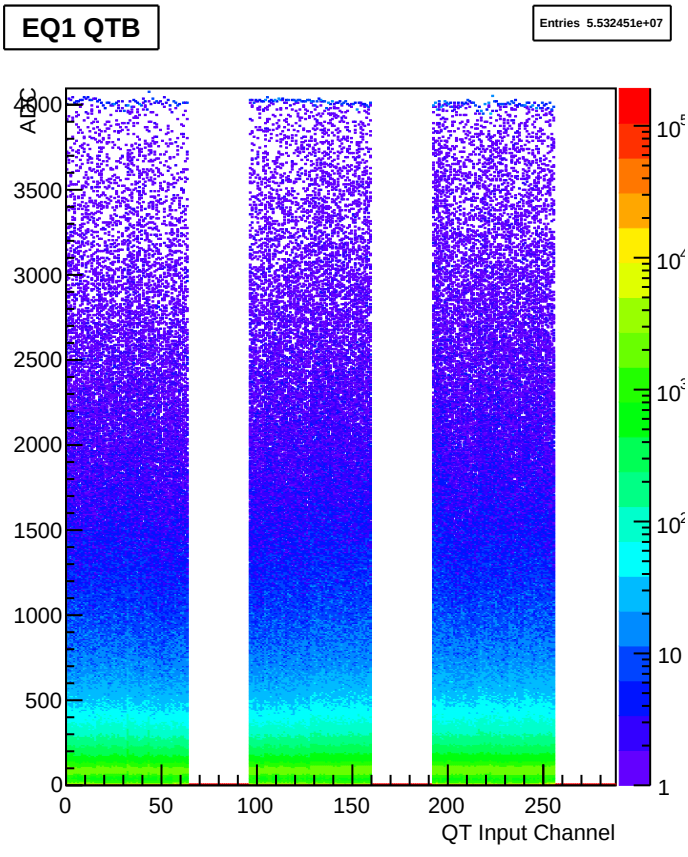

BBQ-ZD001 (ZDC TOWER)
Entries 3073584
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

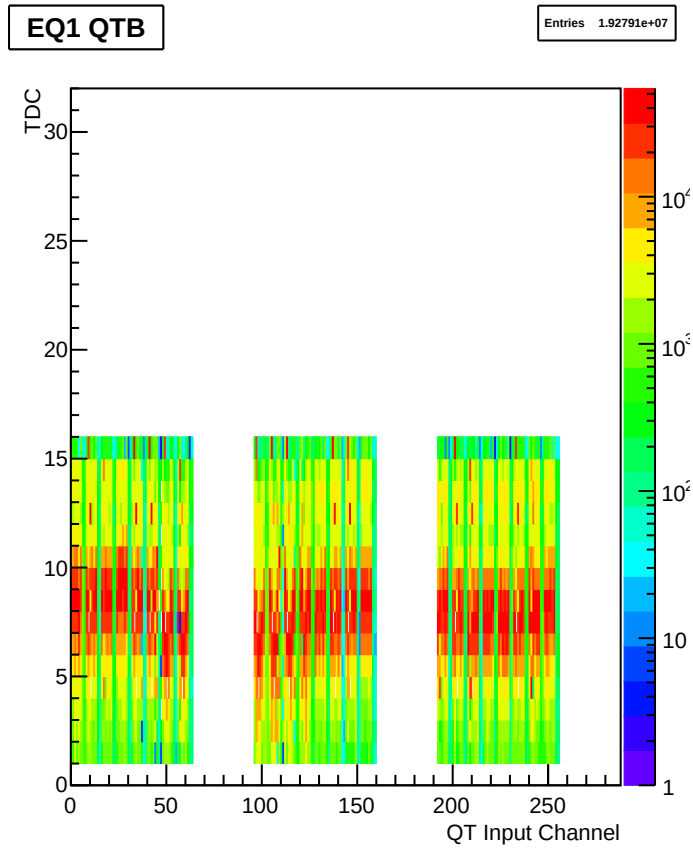

BBQ-VP001 East
Entries 3073584
ADC
QT Input Channel

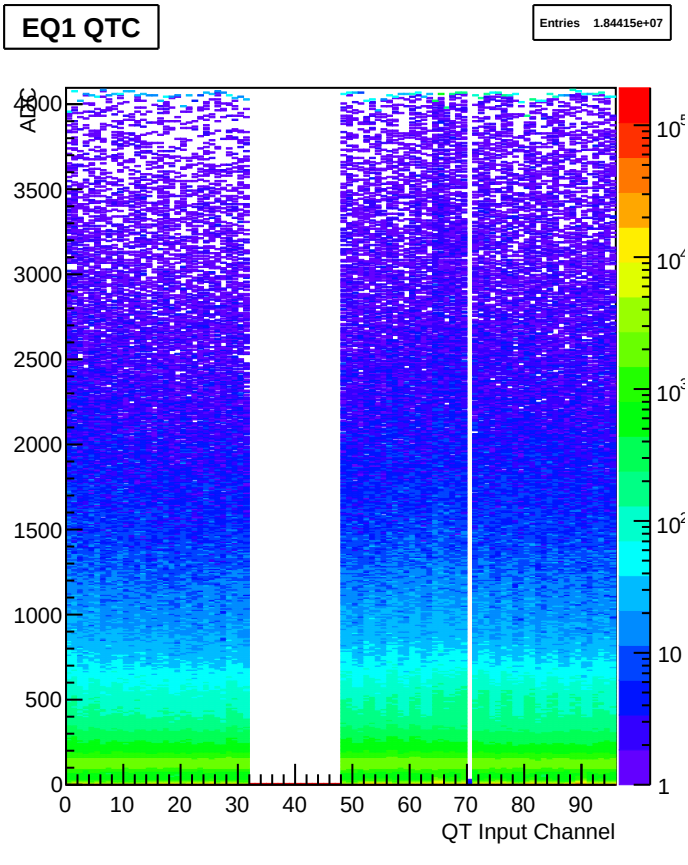

BBQ-VP001 East
Entries 3073584
ADC
QT Input Channel

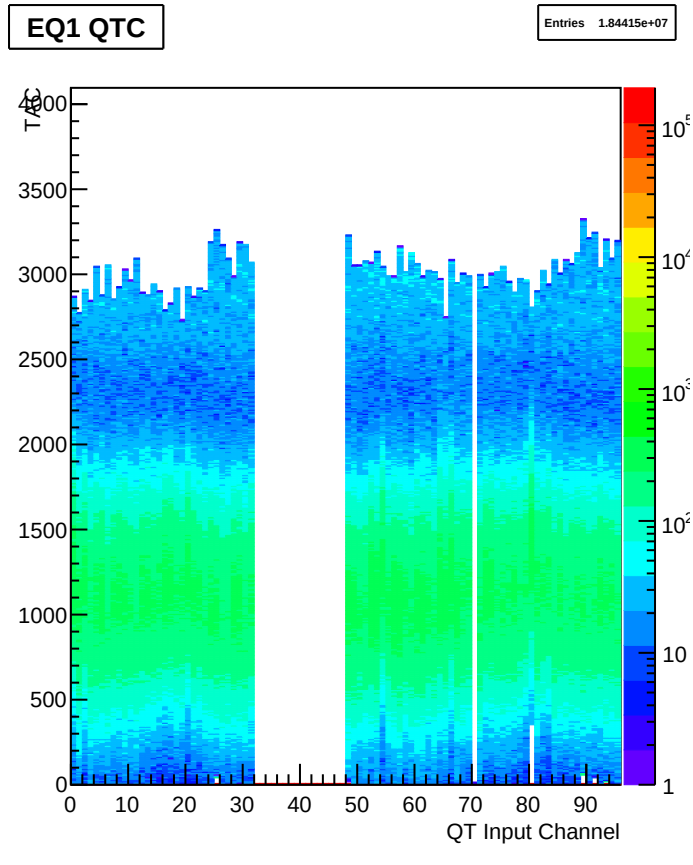

BBQ-VP002 West
Entries 3073584
ADC
QT Input Channel

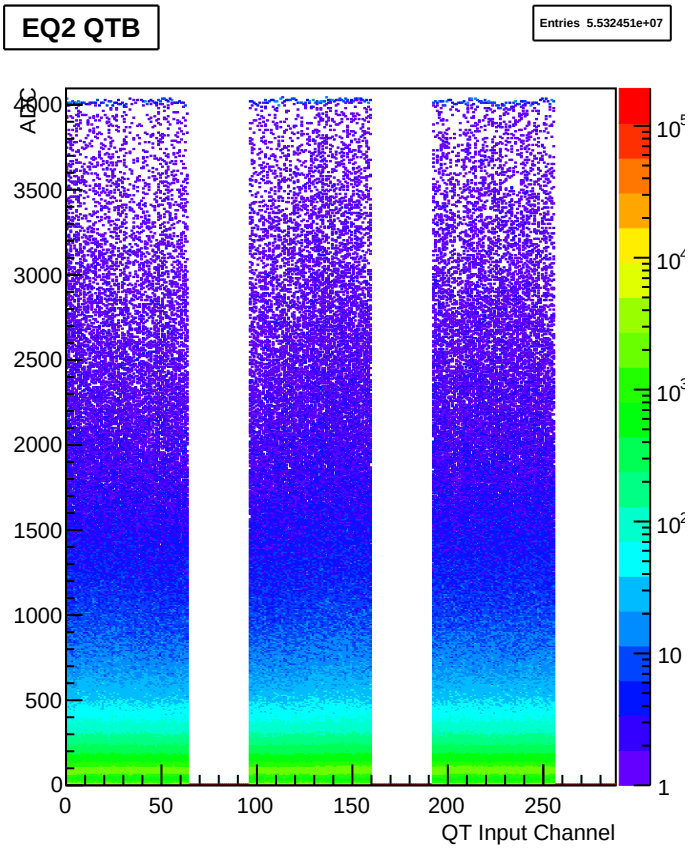

BBQ-VP002 West
Entries 3073584
ADC
QT Input Channel

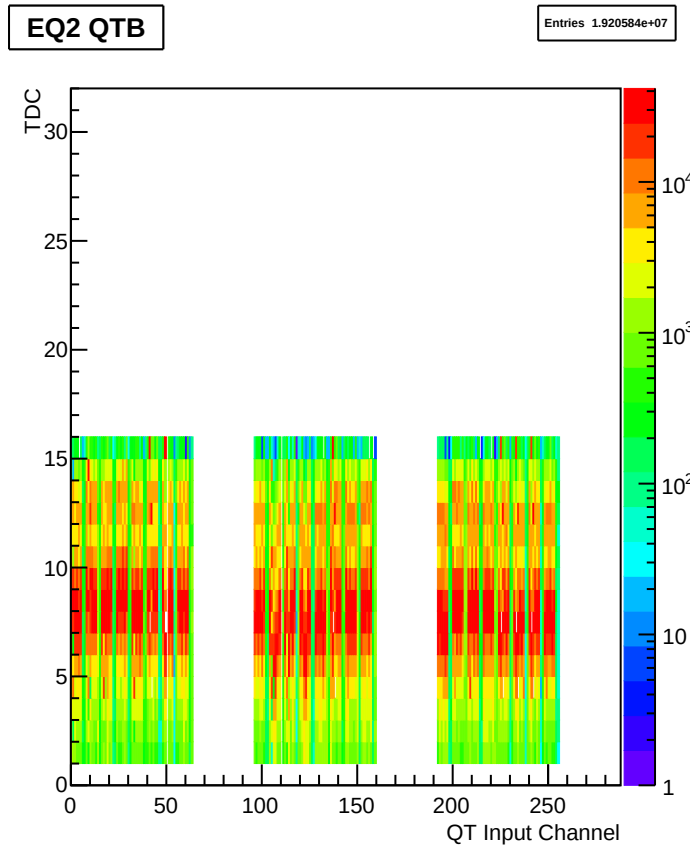

EQ1 QTB
Entries 5.532451e+07
ADC
QT Input Channel

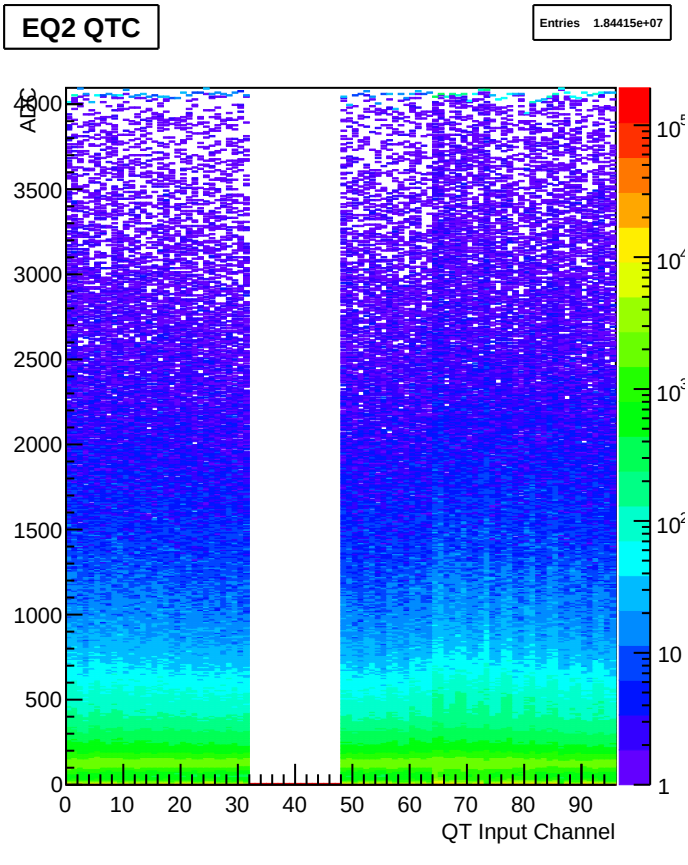

EQ1 QTB
Entries 1.92791e+07
TDC
QT Input Channel

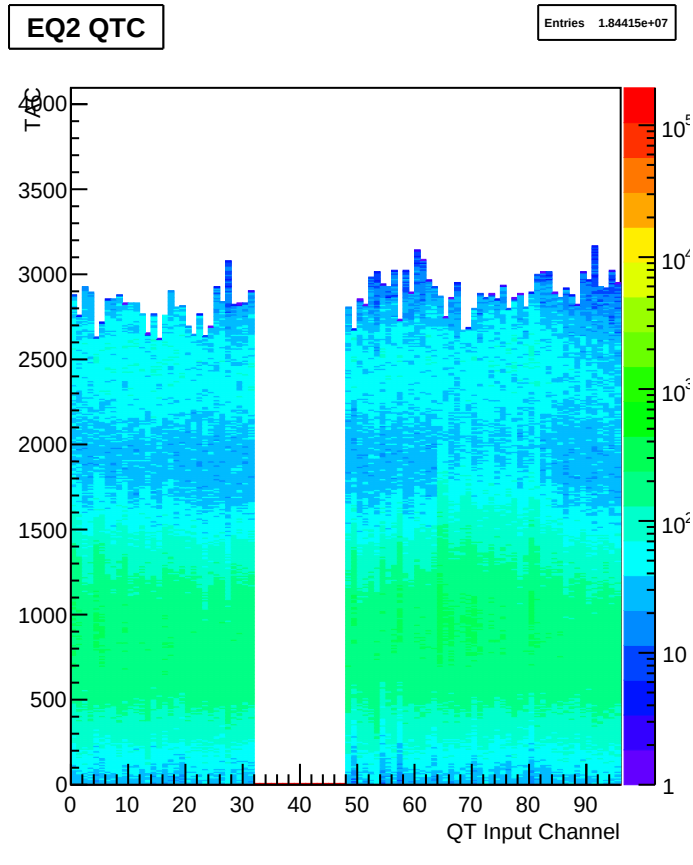

EQ1 QTC
Entries 1.84415e+07
ADC
QT Input Channel

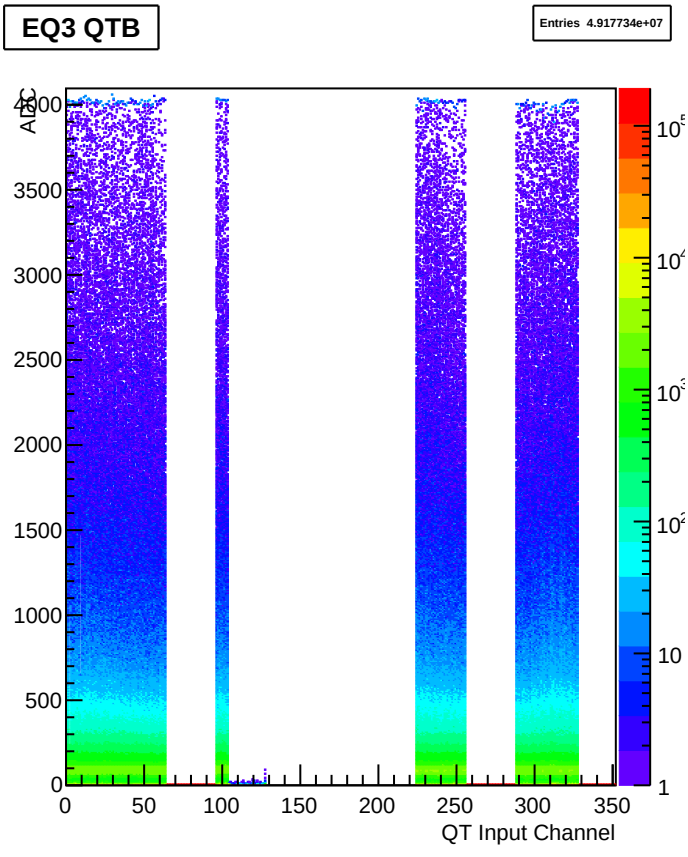

EQ1 QTC
Entries 1.84415e+07
TADC
QT Input Channel

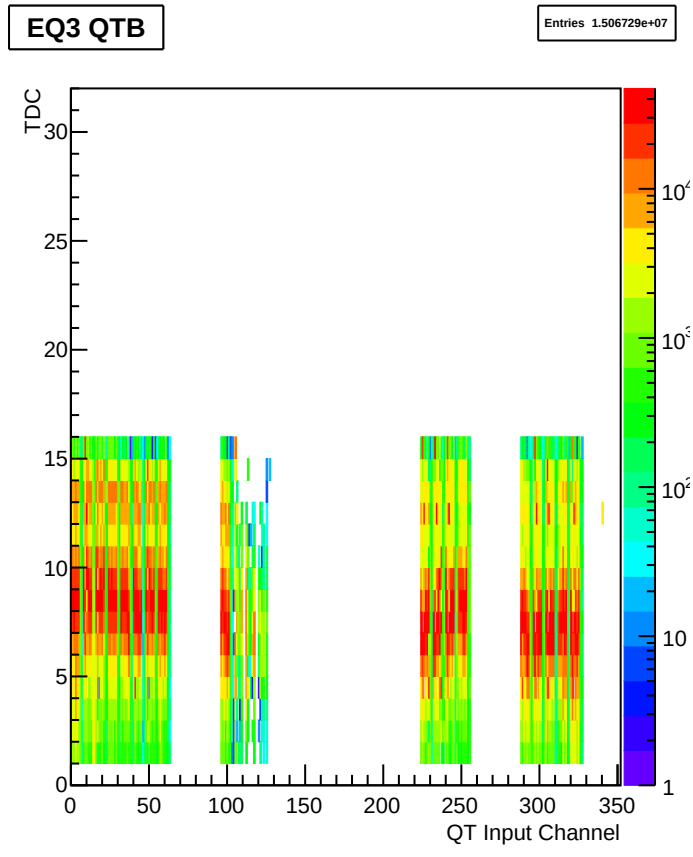

EQ2 QTB
Entries 5.532451e+07
ADC
QT Input Channel

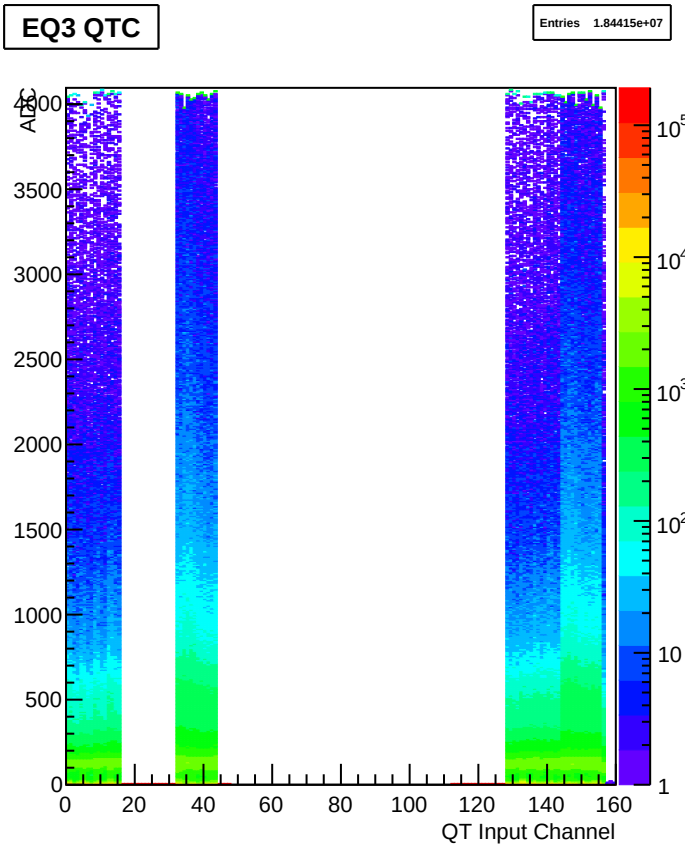

EQ2 QTB
Entries 1.920584e+07
TDC
QT Input Channel

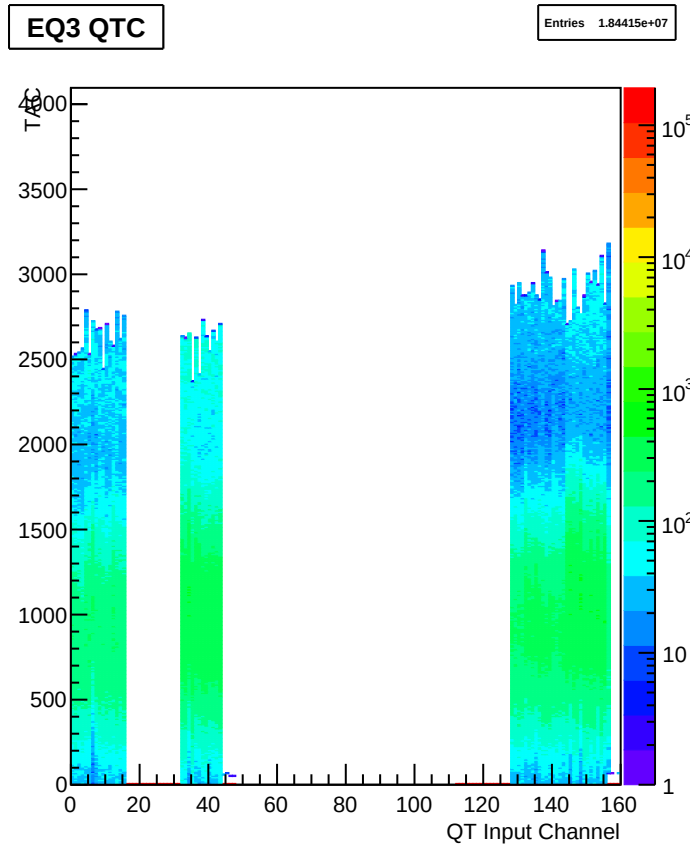

EQ2 QTC
Entries 1.84415e+07
ADC
QT Input Channel

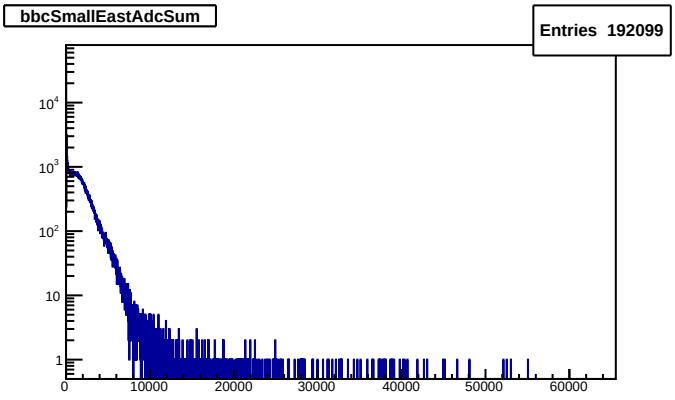

EQ2 QTC
Entries 1.84415e+07
TADC
QT Input Channel

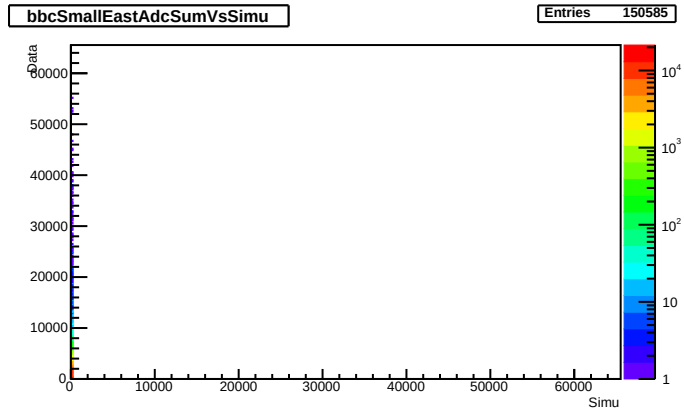

EQ3 QTB
Entries 4.917734e+07
ADC
QT Input Channel

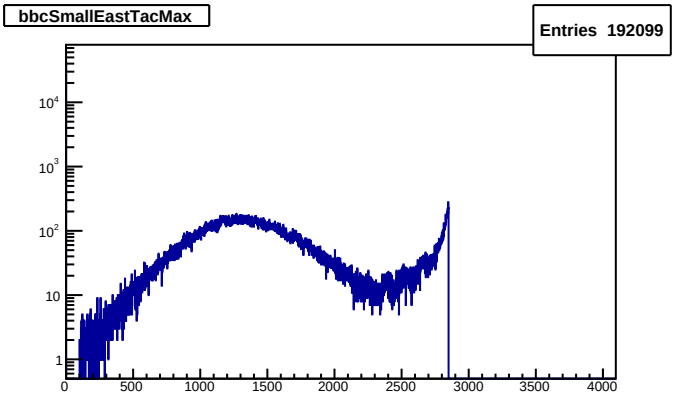

EQ3 QTB
Entries 1.506729e+07
TDC
QT Input Channel

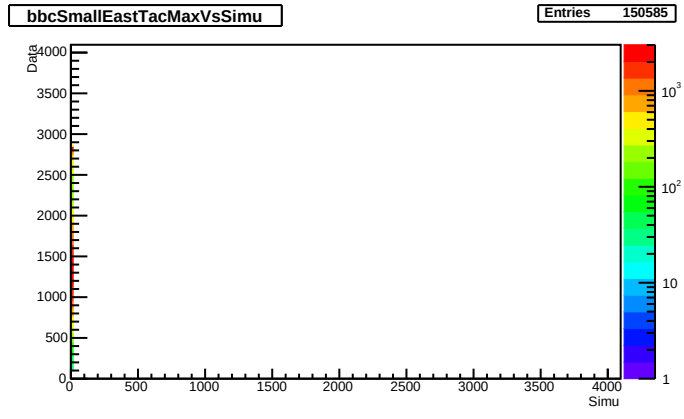

EQ3 QTC
Entries 1.84415e+07
ADC
QT Input Channel

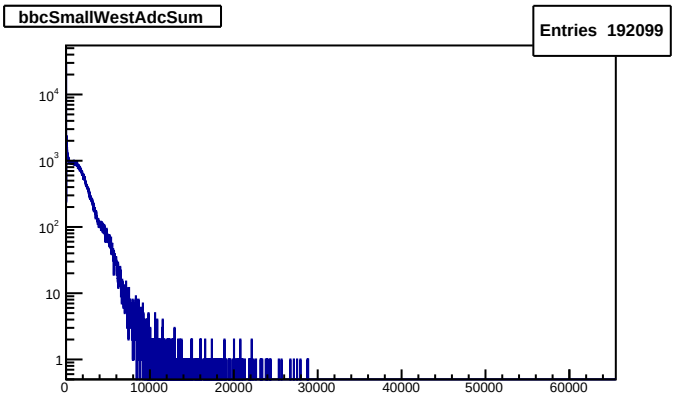

EQ3 QTC
Entries 1.84415e+07
TADC
QT Input Channel

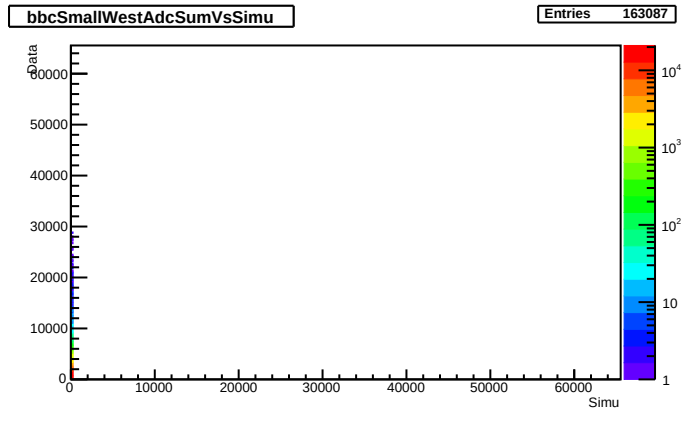

bbcSmallEastAdcSum
Entries 192099

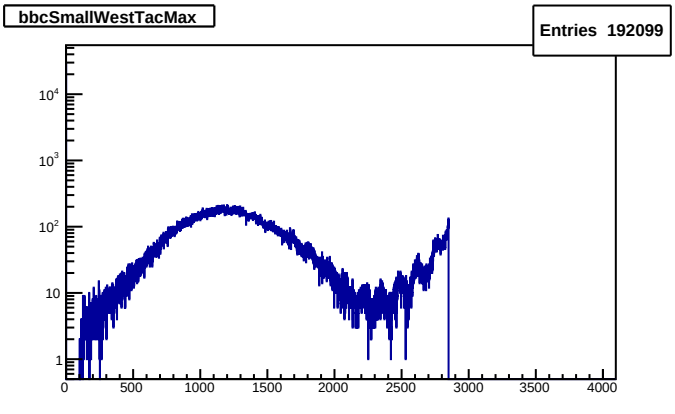

bbcSmallEastAdcSumVsSimu
Entries 150585
Data
Simu

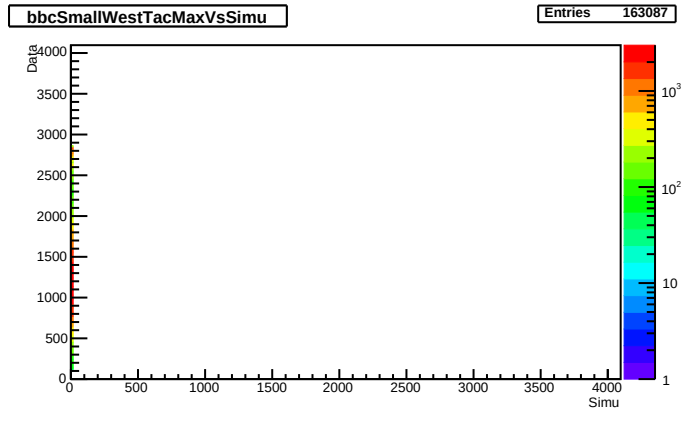

bbcSmallEastTacMax
Entries 192099

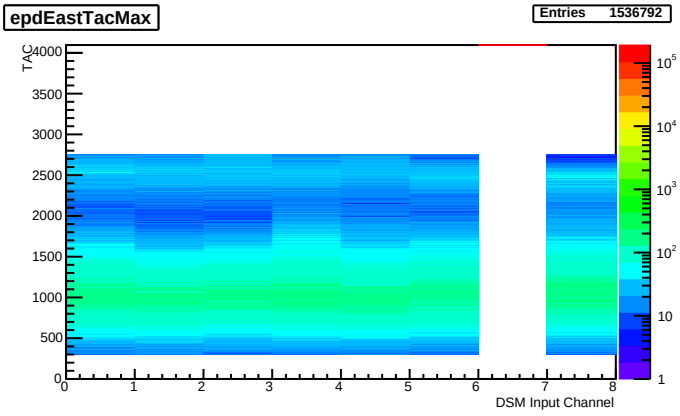

bbcSmallEastTacMaxVsSimu
Entries 150585
Data
Simu

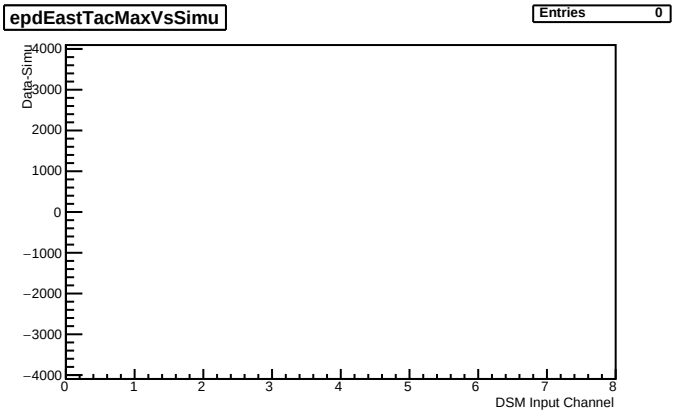

bbcSmallWestAdcSum
Entries 192099

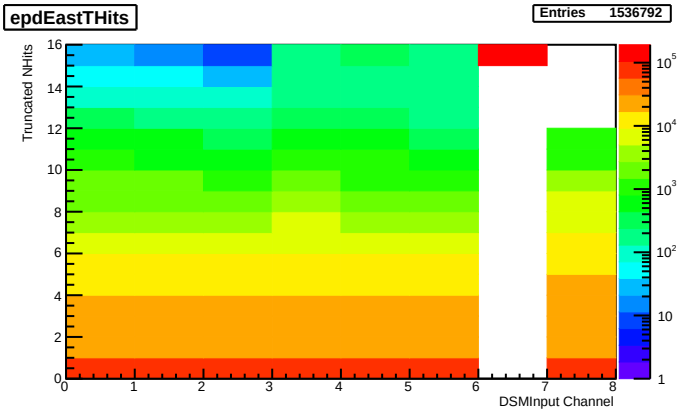

bbcSmallWestAdcSumVsSimu
Entries 163087
Data
Simu

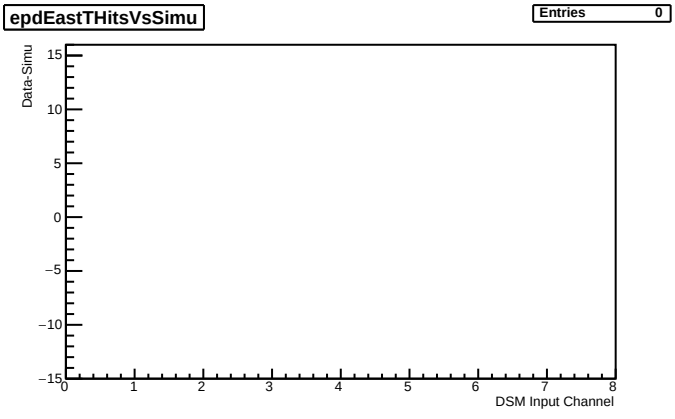

bbcSmallWestTacMax
Entries 192099


bbcSmallWestTacMaxVsSimu
Entries 163087
Data
Simu


epdEastTacMax
Entries 1536792
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1536792
Truncated NHits
DSMInput Channel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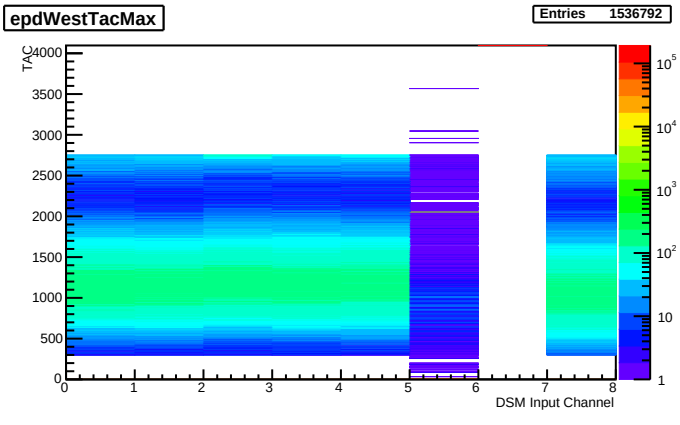
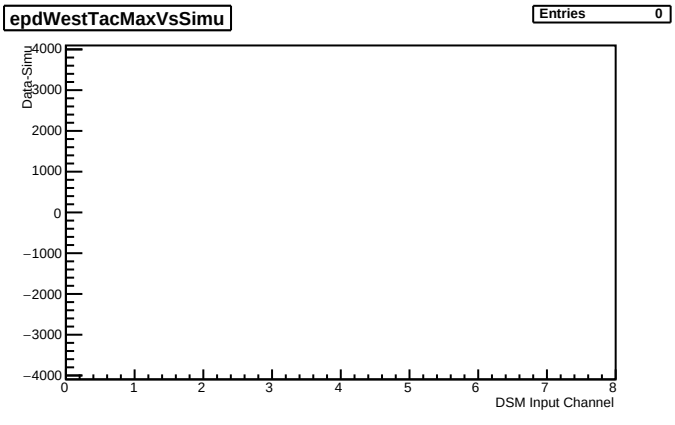
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1536792
TAC
DSM Input Channel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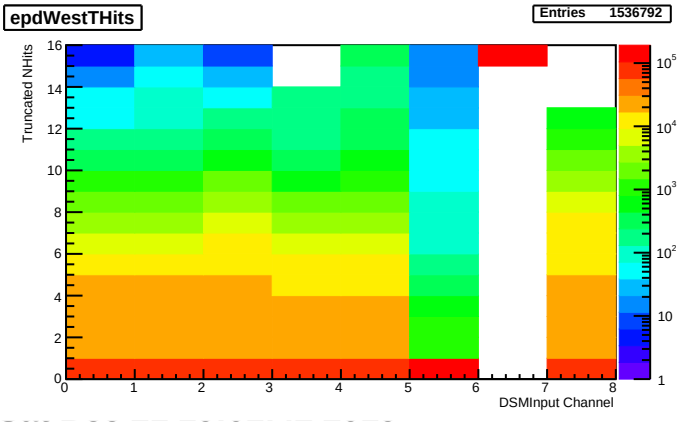
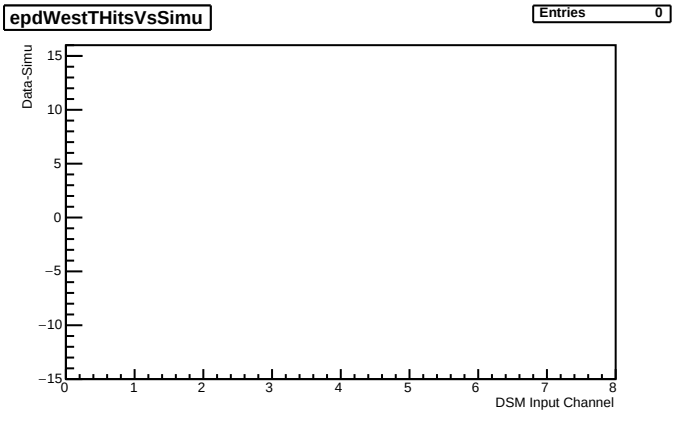
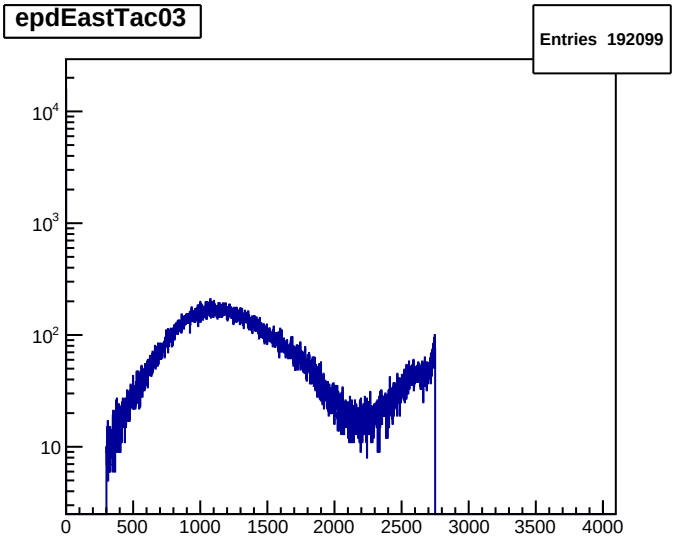
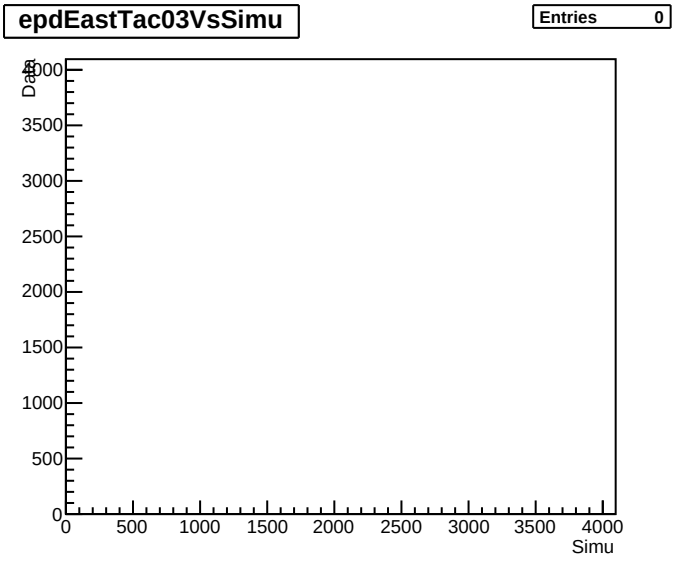
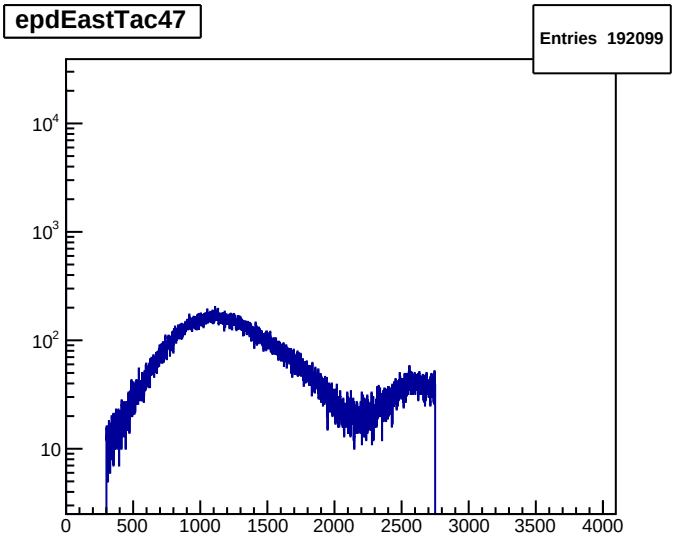
Entries 0
Data-Simu
DSM Input Channel

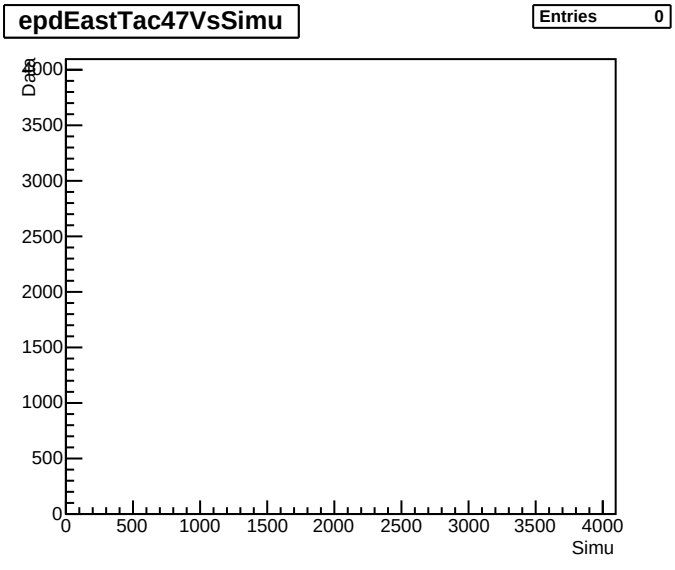

epdWestTHits
Entries 1536792
Truncated NHits
DSMInput Channel

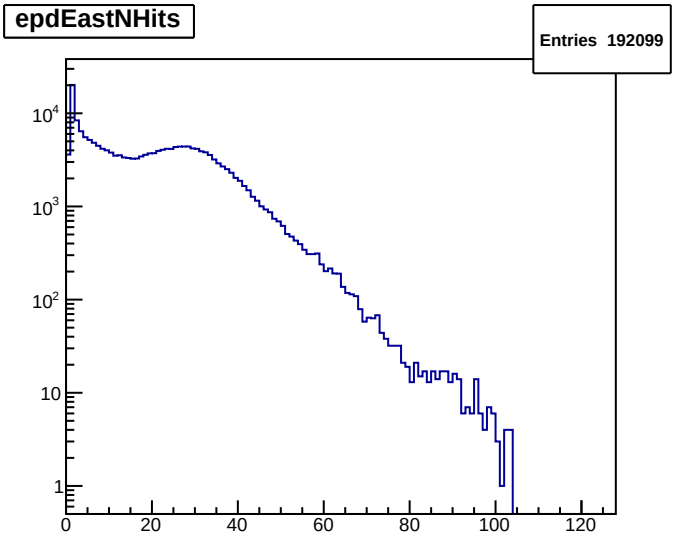

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

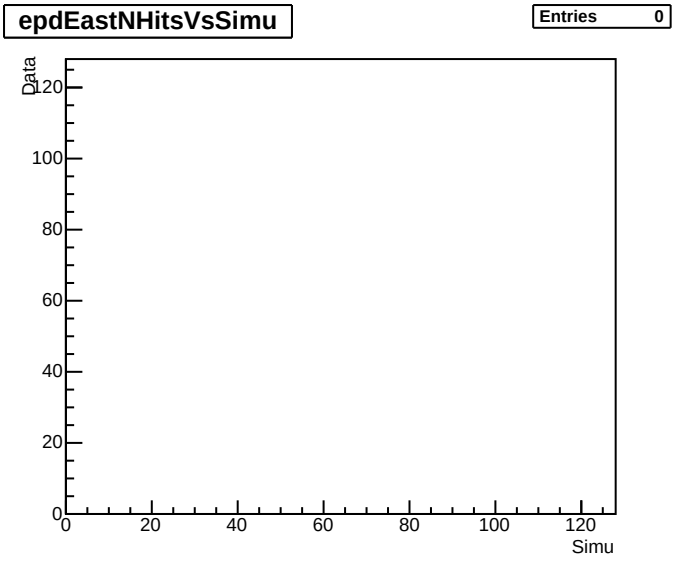

epdEastTac03
Entries 192099


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 192099


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 192099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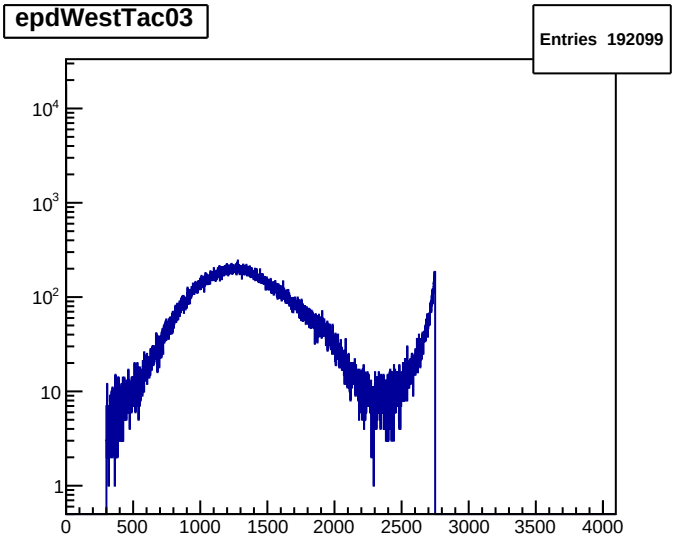
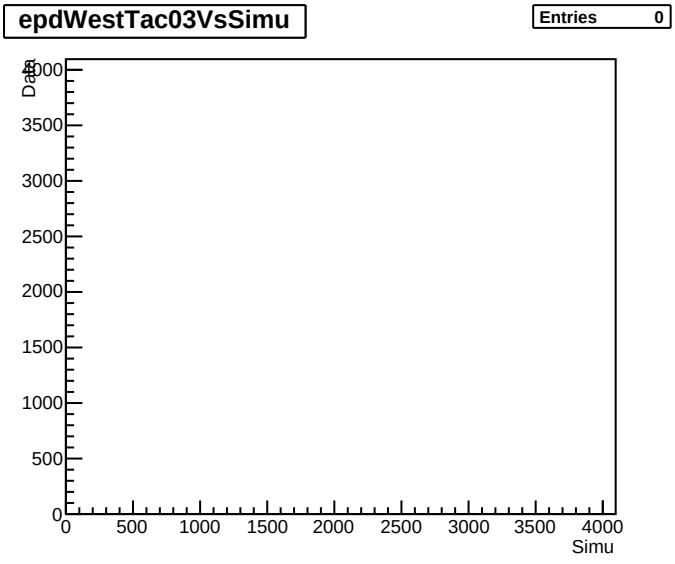
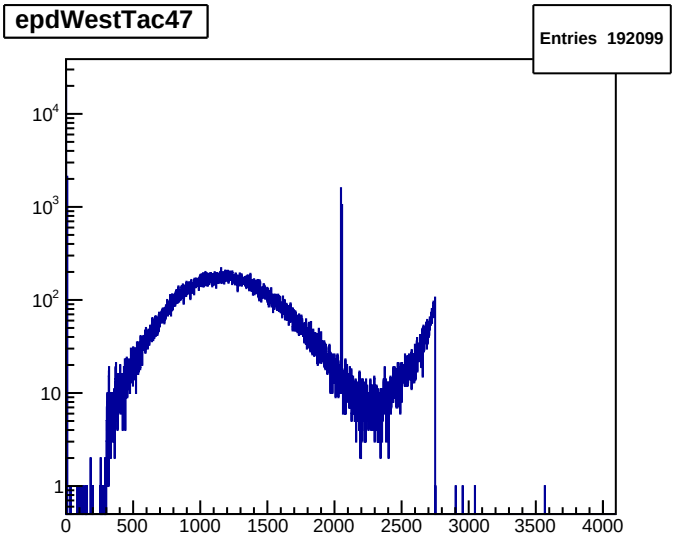
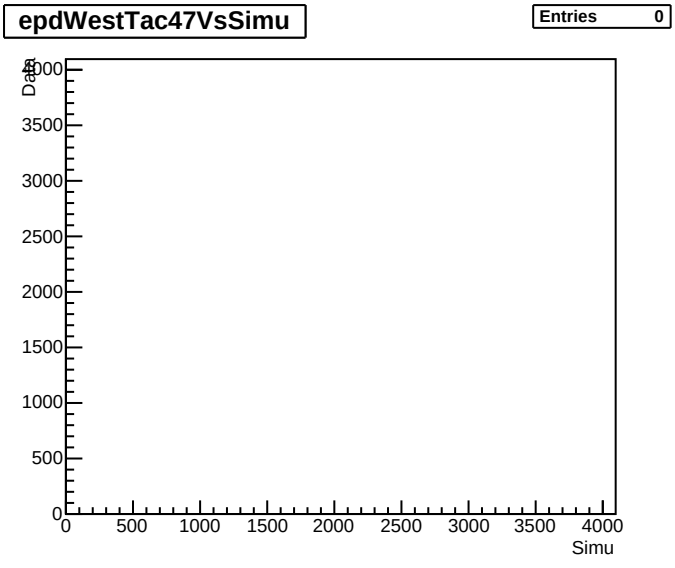
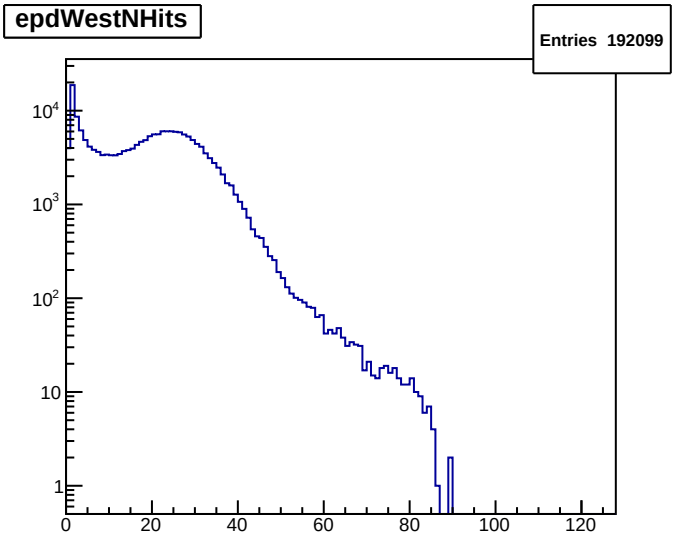
Entries 0
Data
Simu

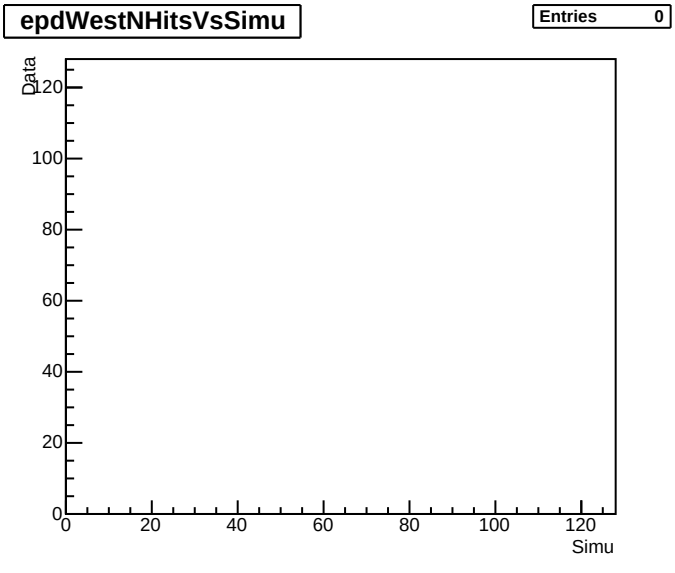

epdWestTac03
Entries 192099

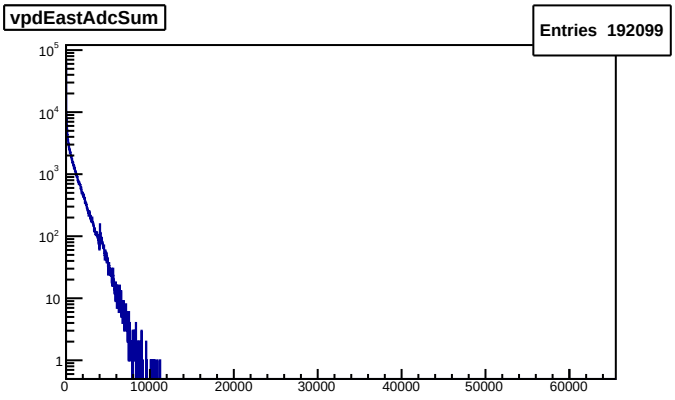

epdWestTac03VsSimu
Entries 0
Data
Simu

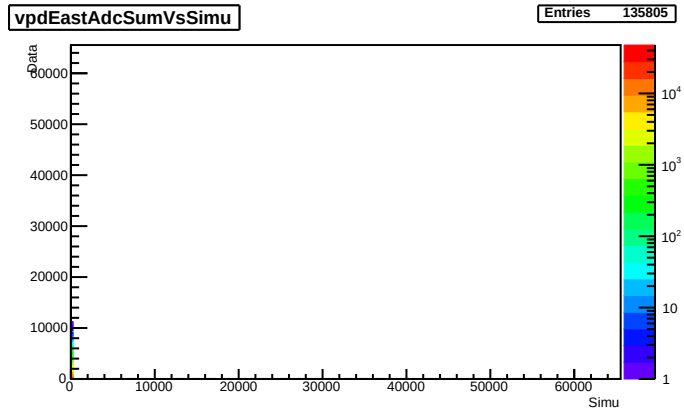

epdWestTac47
Entries 192099

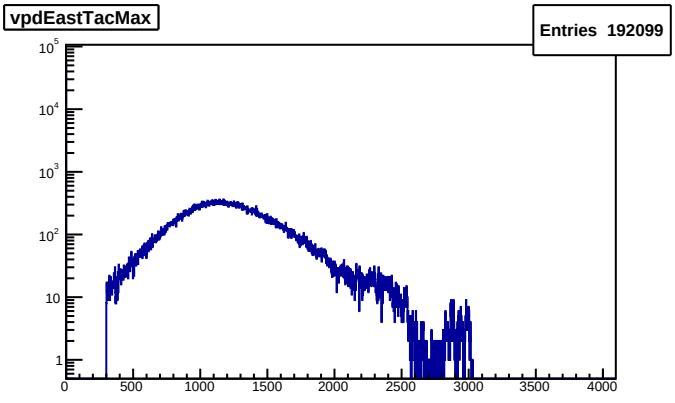

epdWestTac47VsSimu
Entries 0
Data
Simu

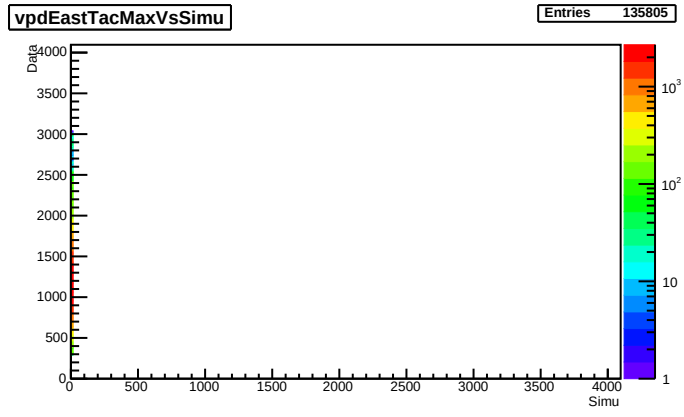

epdWestNHits
Entries 192099

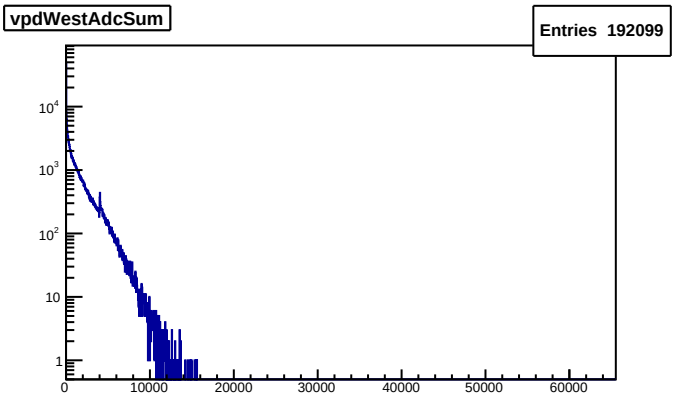

epdWestNHitsVsSimu
Entries 0
Data
Simu

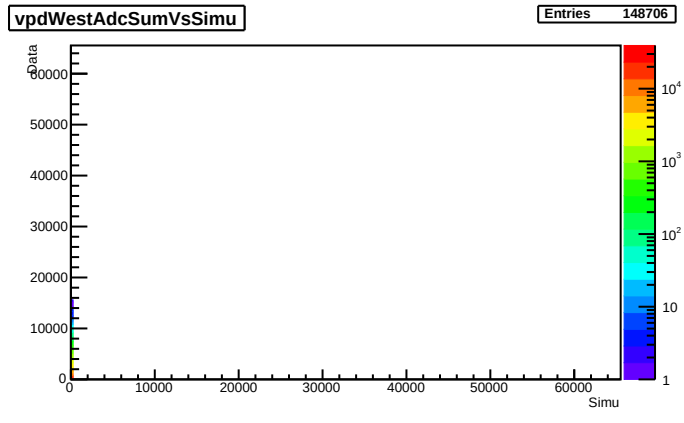

vpdEastAdcSum
Entries 192099

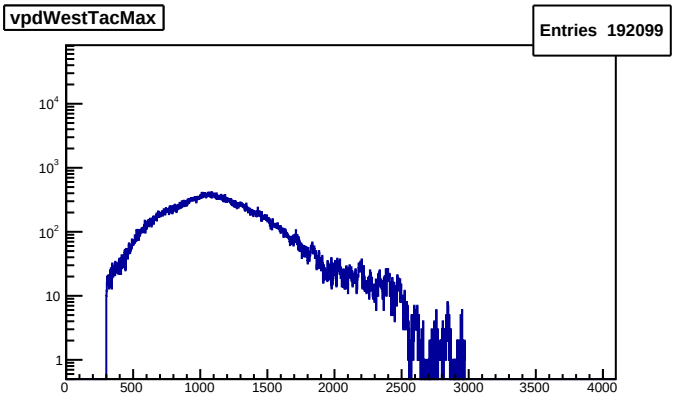

vpdEastAdcSumVsSimu
Entries 135805
Data
Simu

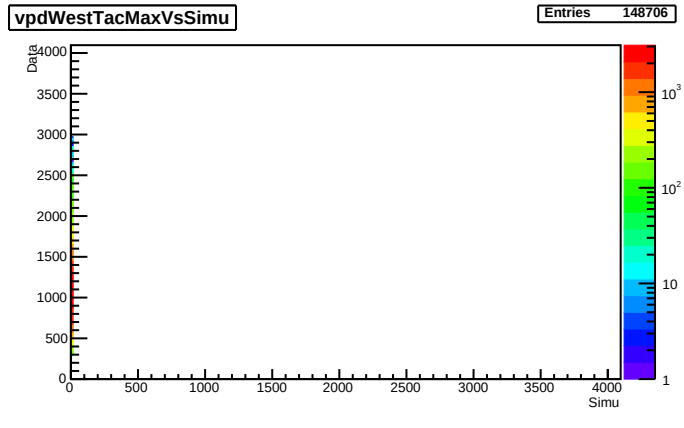

vpdEastTacMax
Entries 192099

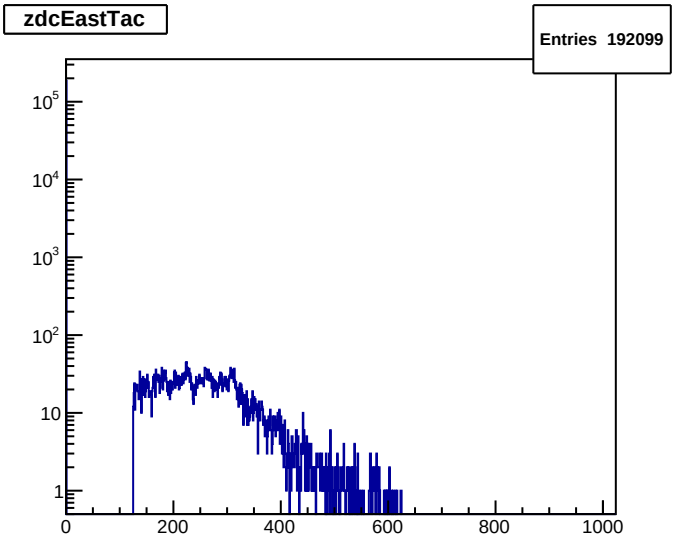

vpdEastTacMaxVsSimu
Entries 135805
Data
Simu

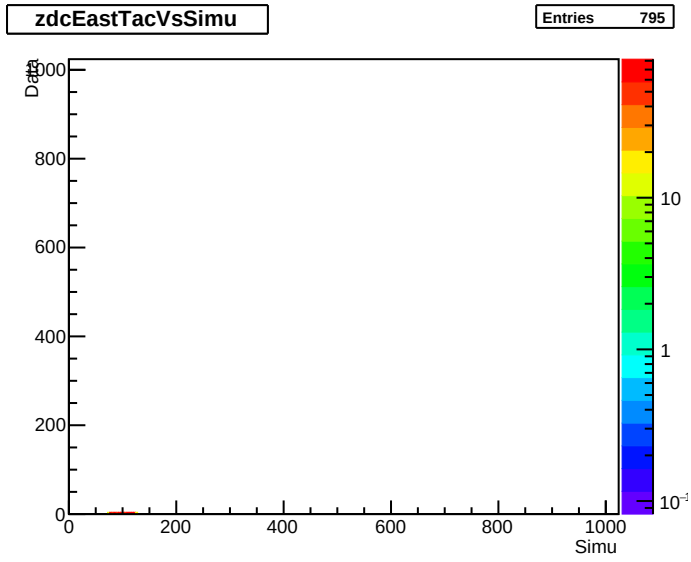

vpdWestAdcSum
Entries 192099

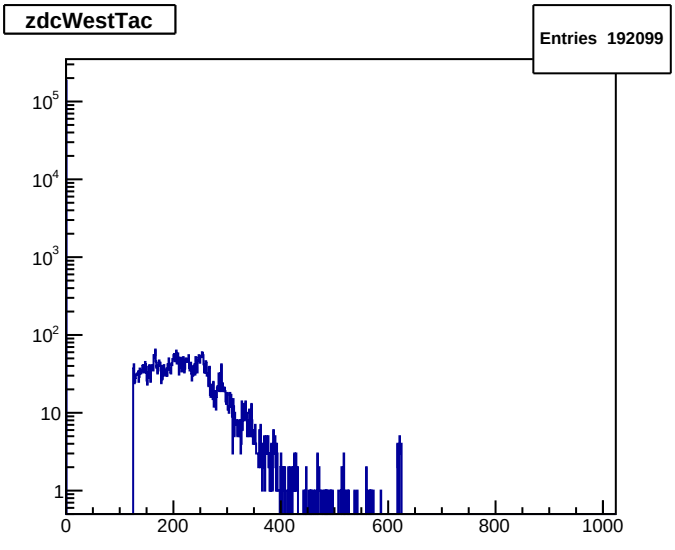

vpdWestAdcSumVsSimu
Entries 148706
Data
Simu

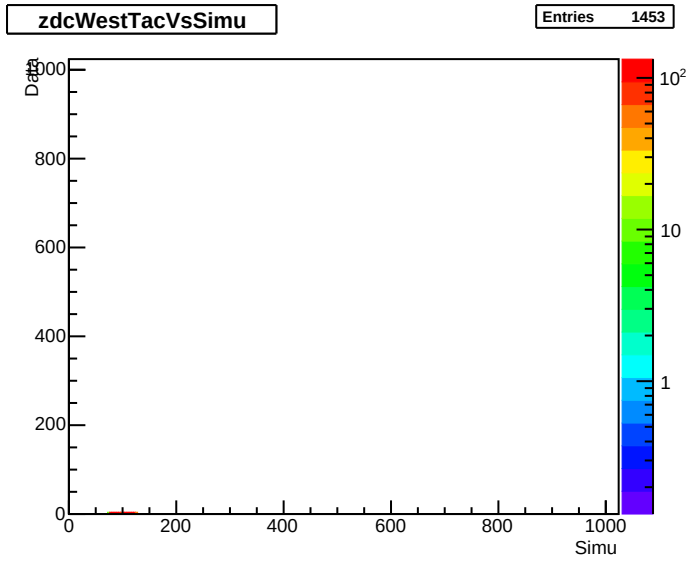

vpdWestTacMax
Entries 192099

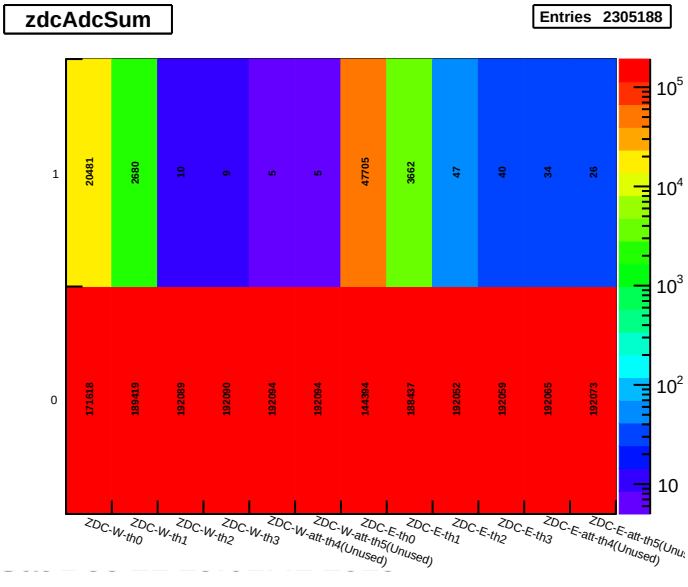

vpdWestTacMaxVsSimu
Entries 148706
Data
Simu

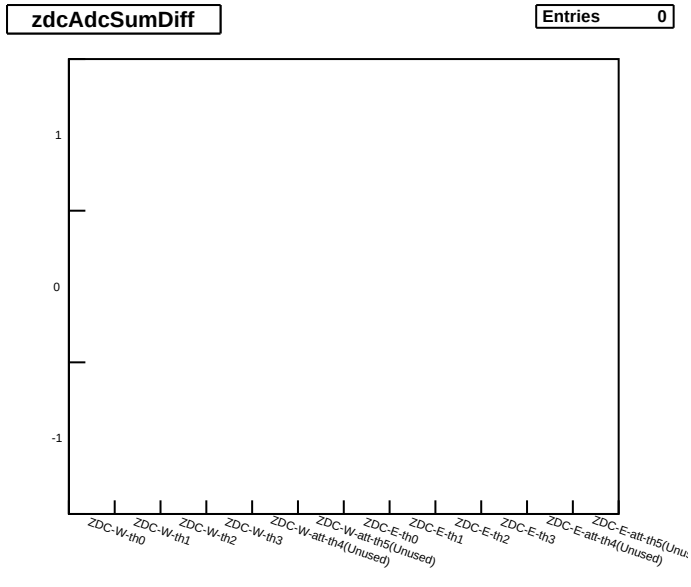

zdcEastTac
Entries 192099

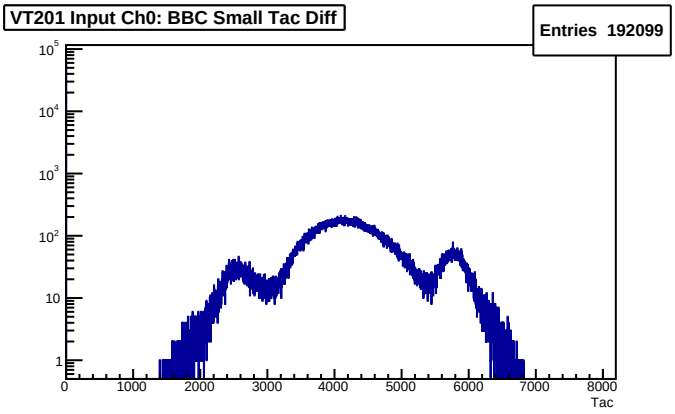

zdcEastTacVsSimu
Entries 795
Data
Simu

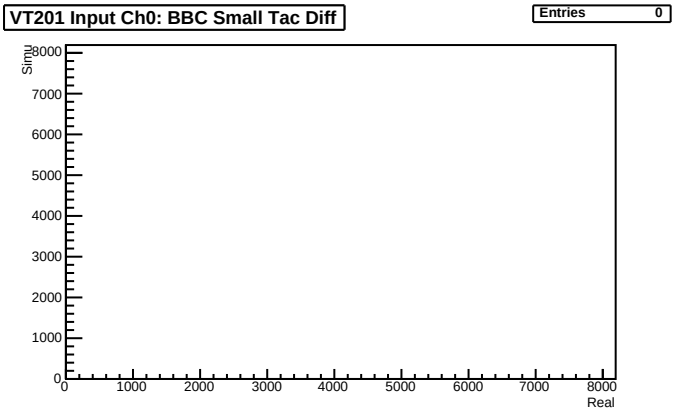

zdcWestTac
Entries 192099

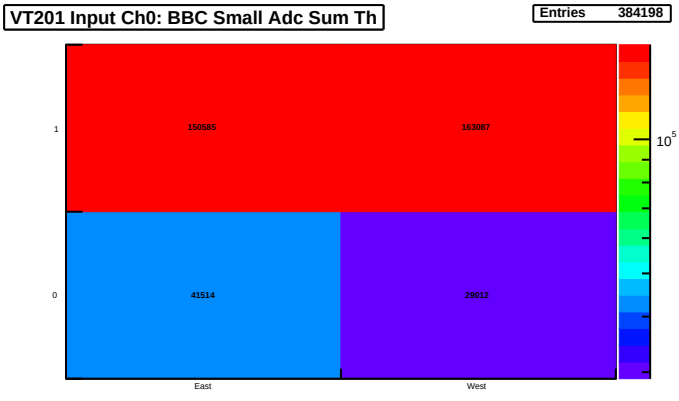

zdcWestTacVsSimu
Entries 1453
Data
Simu

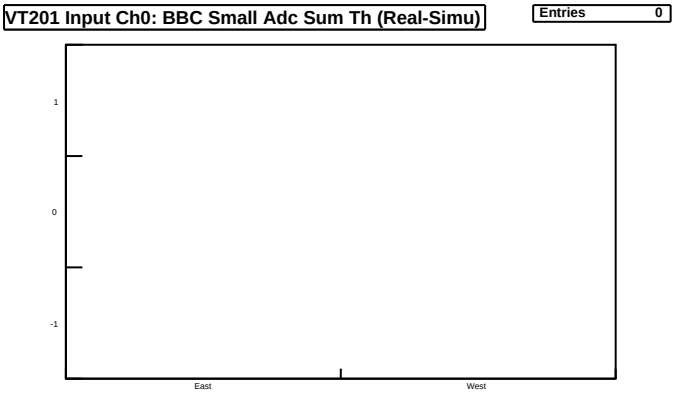

zdcAdcSum
Entries 2305188
20481
2680
10
9
5
5
47705
3662
47
40
34
26
171618
189419
192089
192090
192094
192094
144394
188437
192052
192059
192065
192073
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

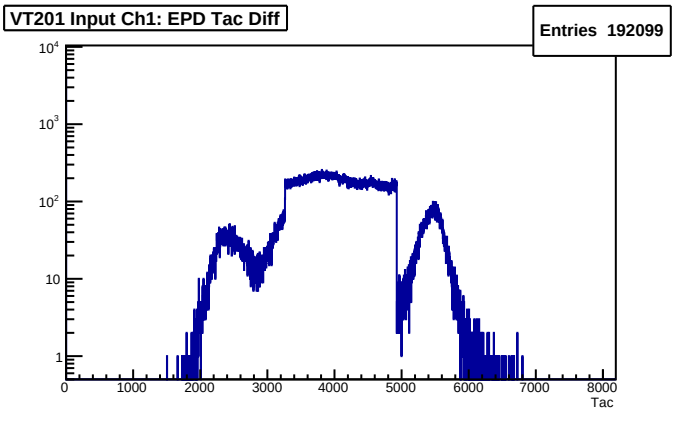

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

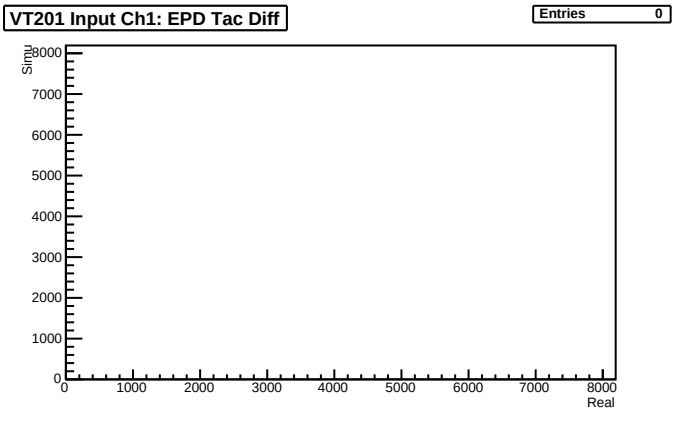

VT201 Input Ch0: BBC Small Tac Diff
Entries 192099
Tac

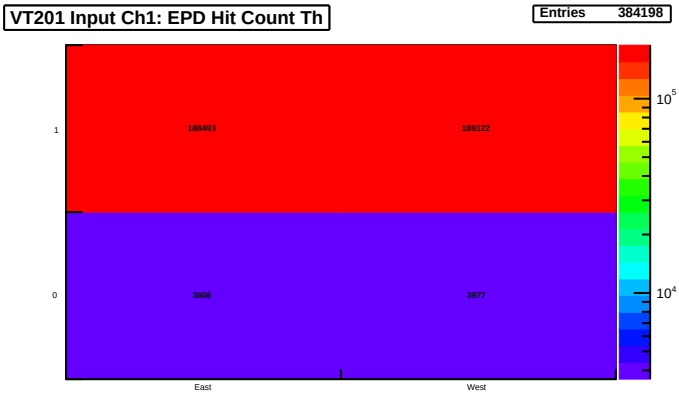

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

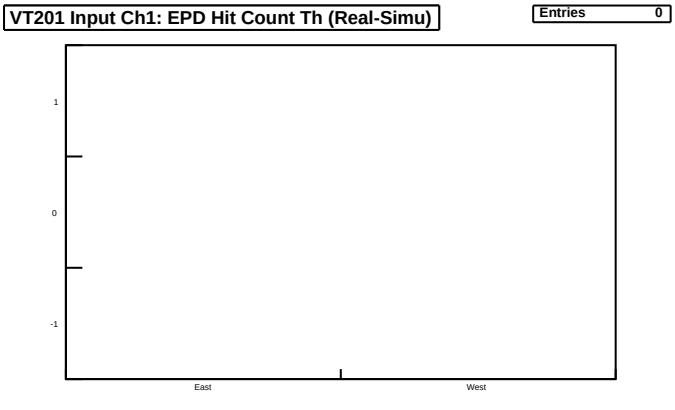

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 384198
150585
163087
41514
29012
East
West

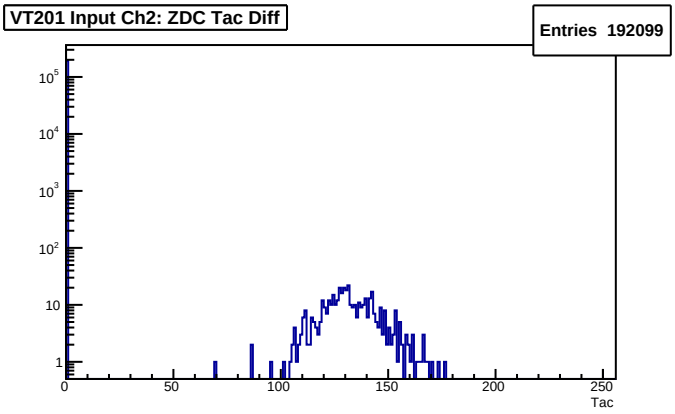

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

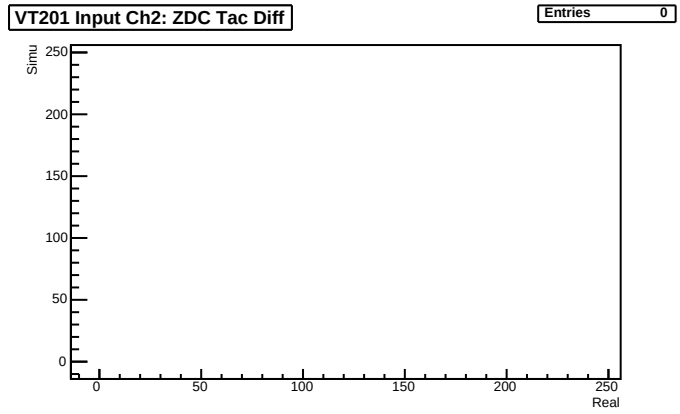

VT201 Input Ch1: EPD Tac Diff
Entries 192099
Tac

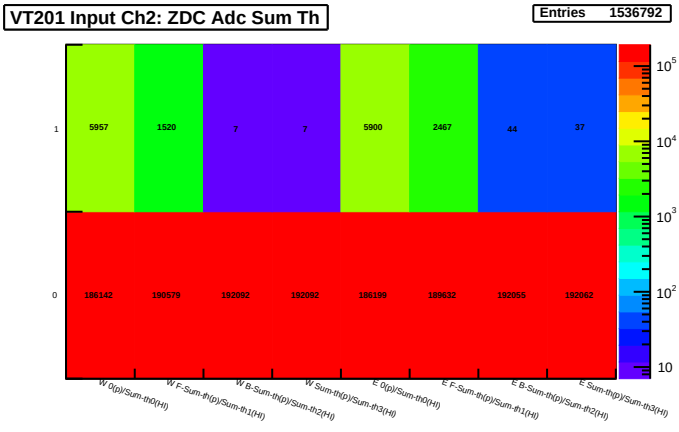

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

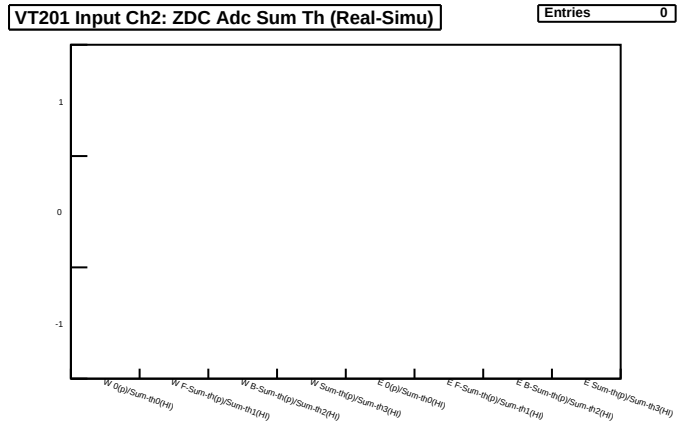

VT201 Input Ch1: EPD Hit Count Th
Entries 384198
188493
188122
3606
3977
East
West

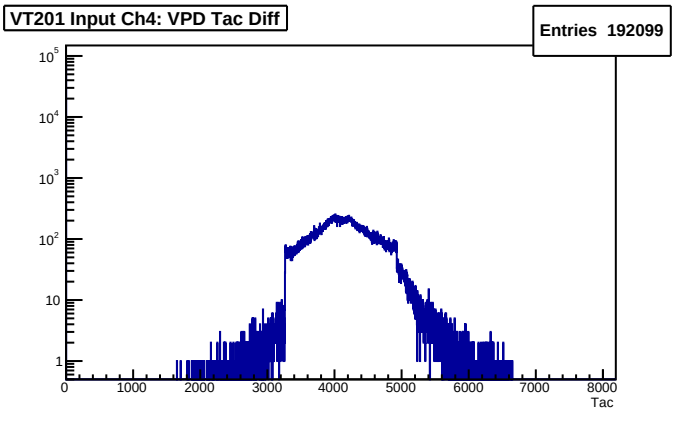

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

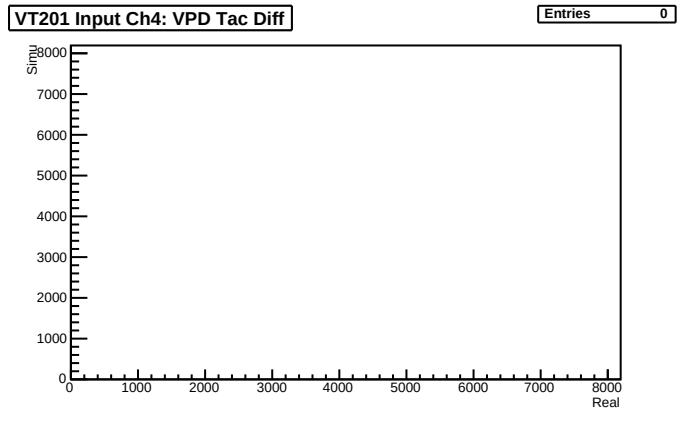

VT201 Input Ch2: ZDC Tac Diff
Entries 192099
Tac

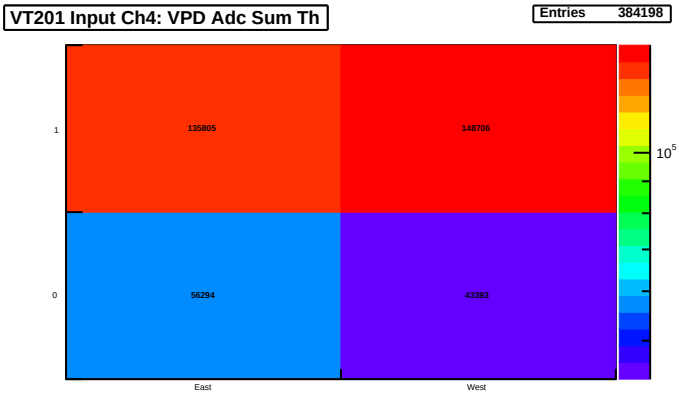

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

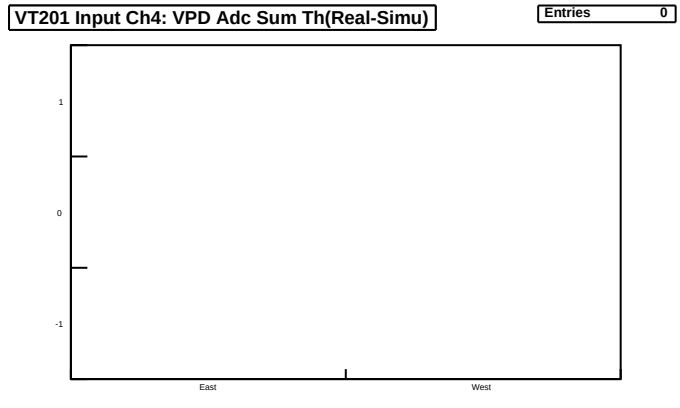

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1536792
5957
1520
7
7
5900
2467
44
37
186142
190579
192092
192092
186199
189632
192055
192062
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

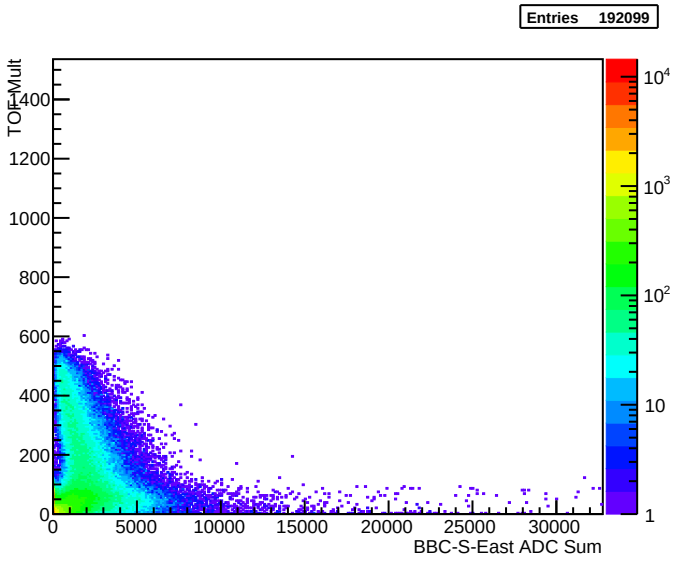

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

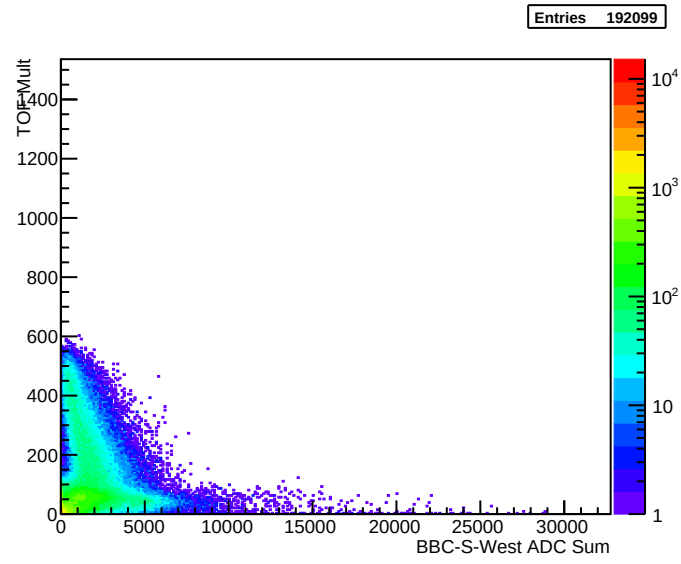

VT201 Input Ch4: VPD Tac Diff
Entries 192099
Tac

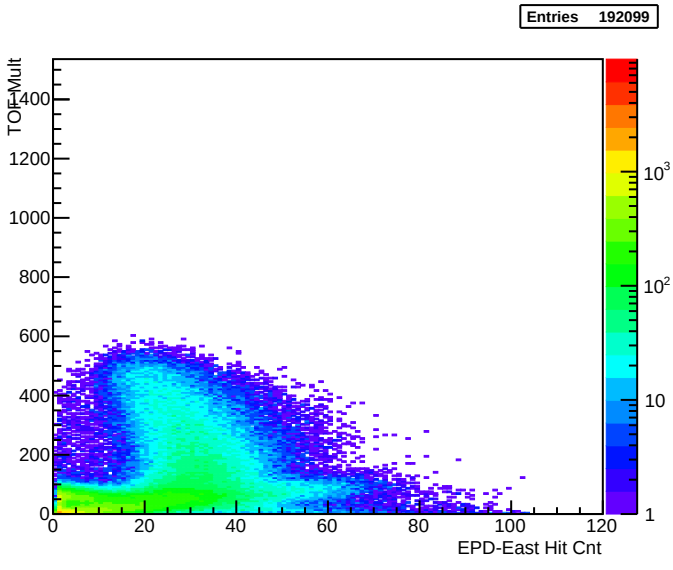

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

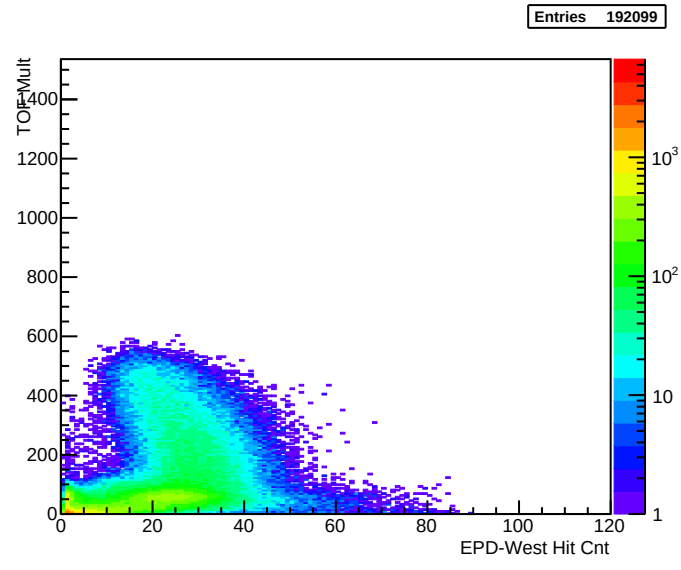

VT201 Input Ch4: VPD Adc Sum Th
Entries 384198
135805
148706
56294
43393
East
West

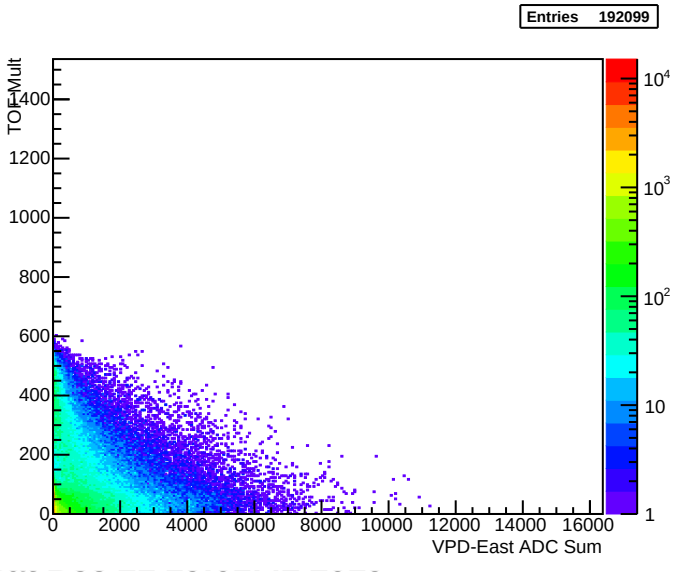

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

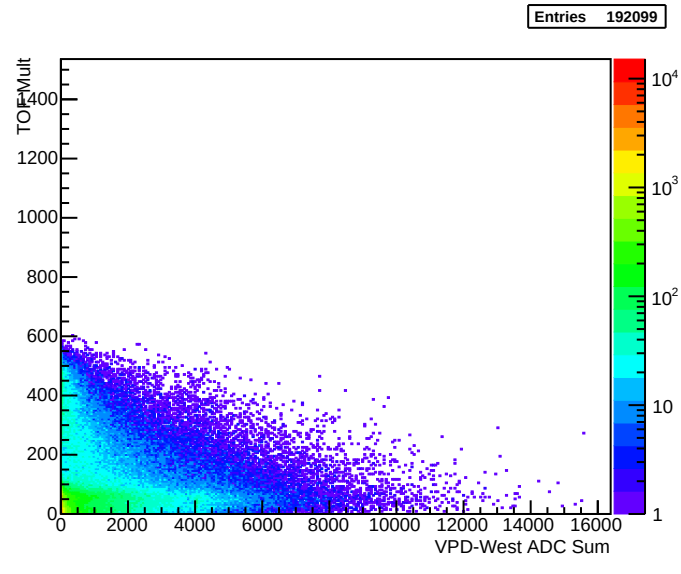

Entries 192099
TOF-Mult
BBC-S-East ADC Sum

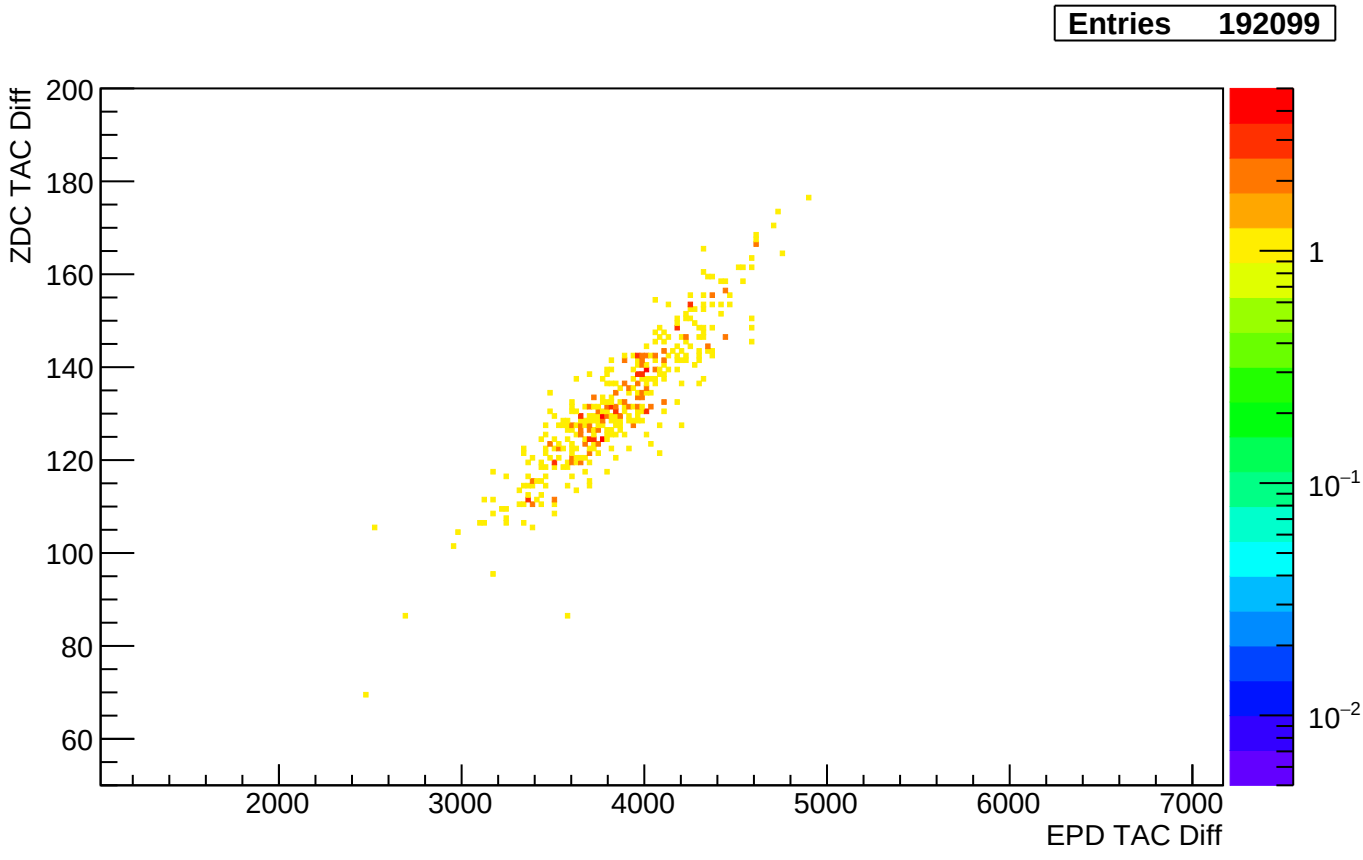

Entries 192099
TOF-Mult
BBC-S-West ADC Sum

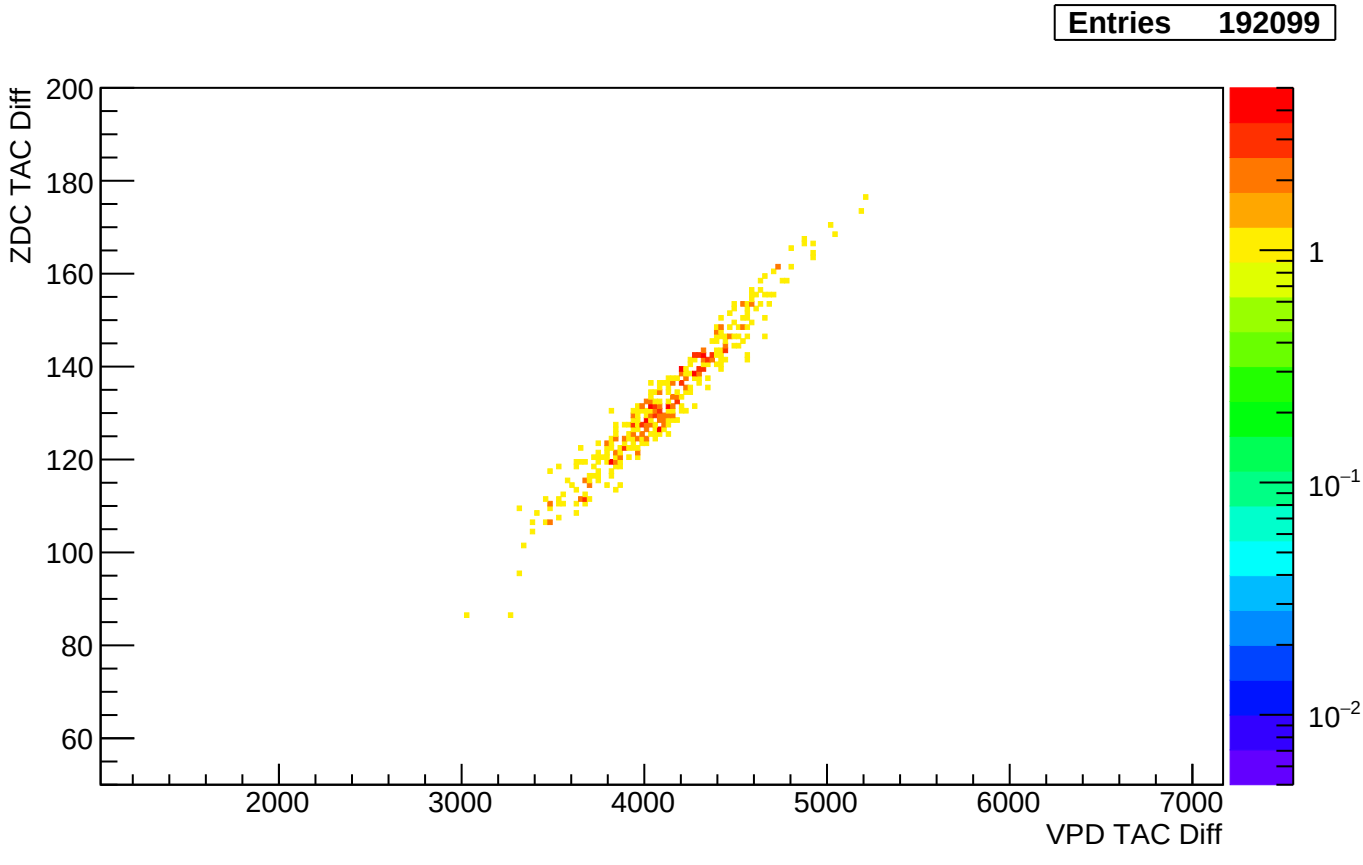

Entries 192099
TOF-Mult
EPD-East Hit Cnt

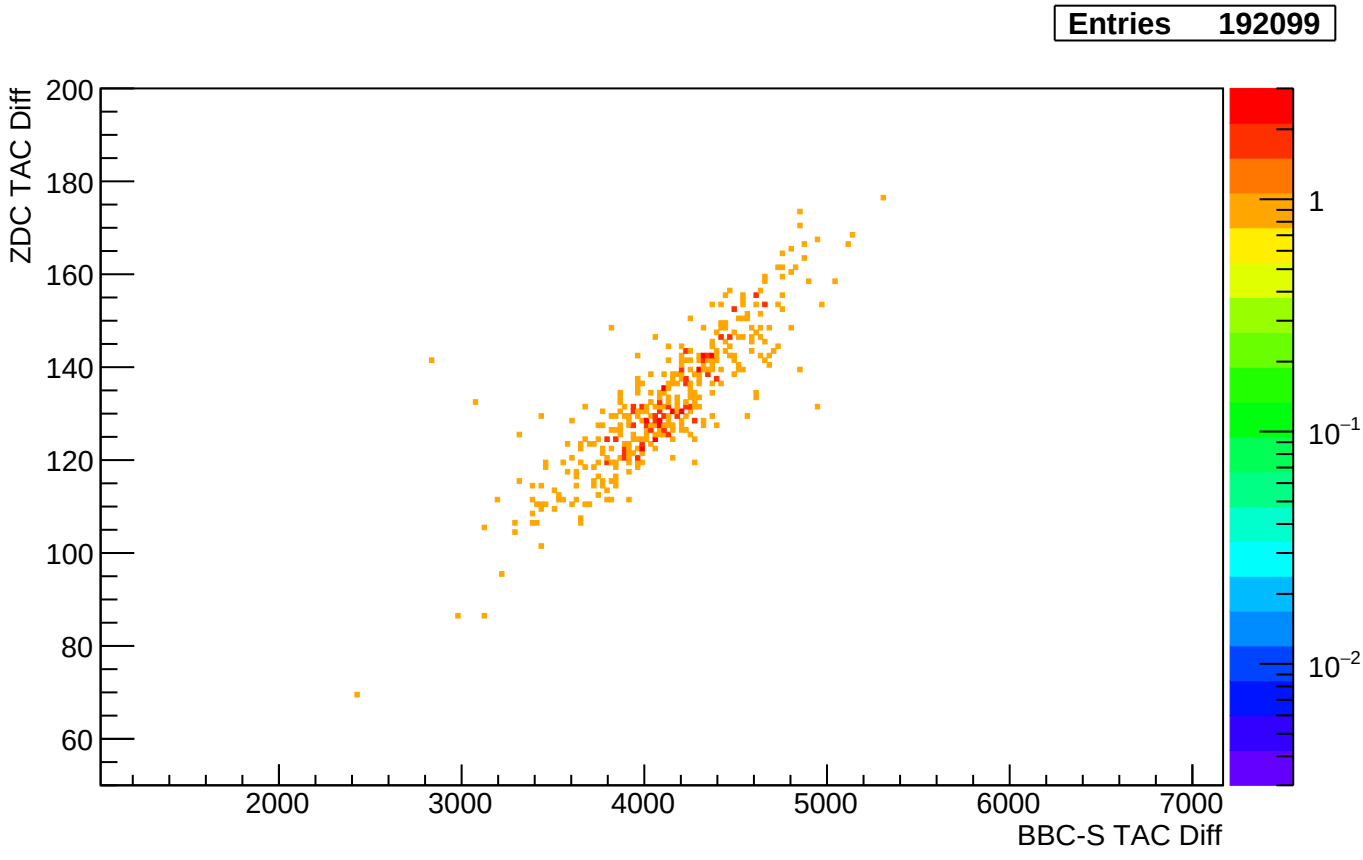

Entries 192099
TOF-Mult
EPD-West Hit Cnt

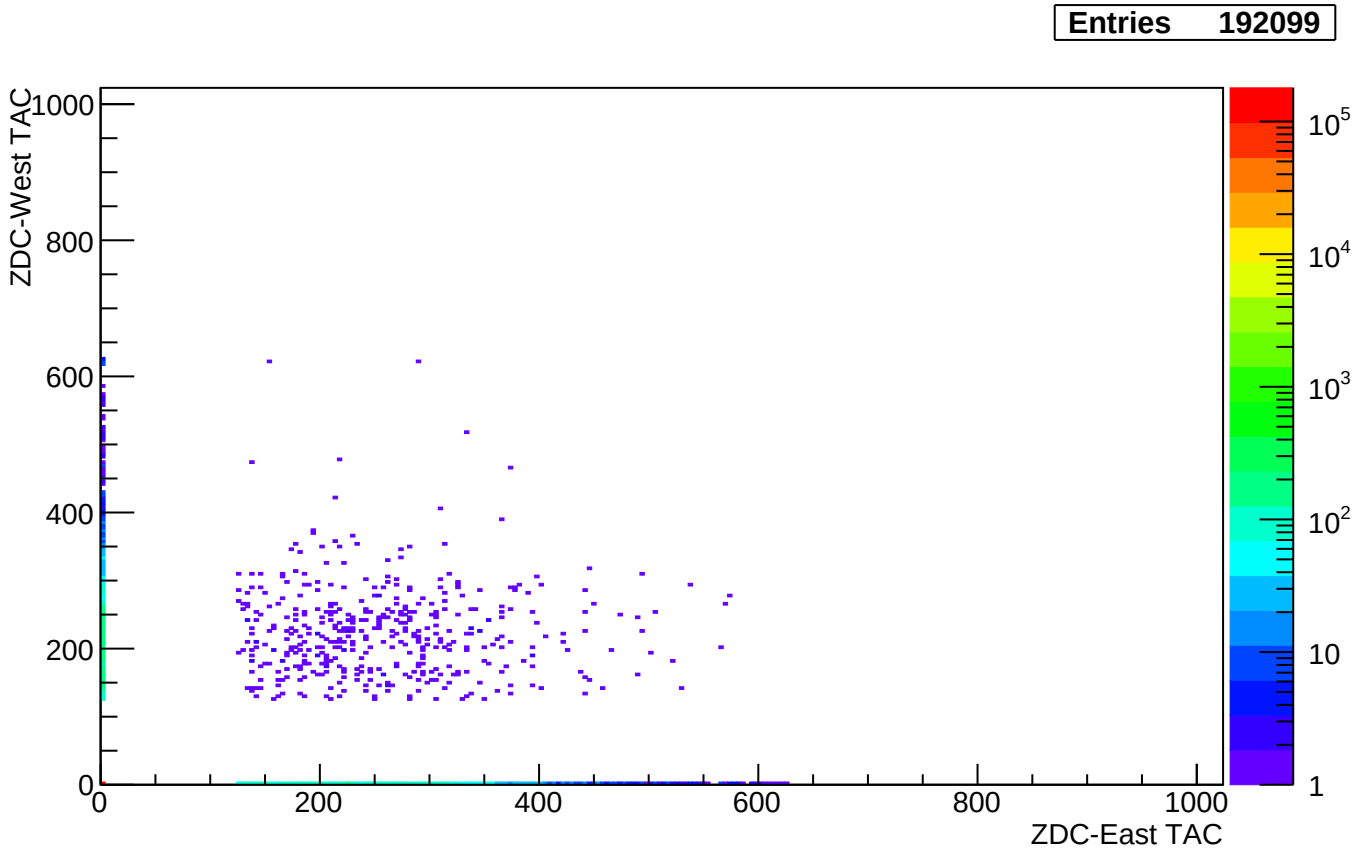

Entries 192099
TOF-Mult
VPD-East ADC Sum

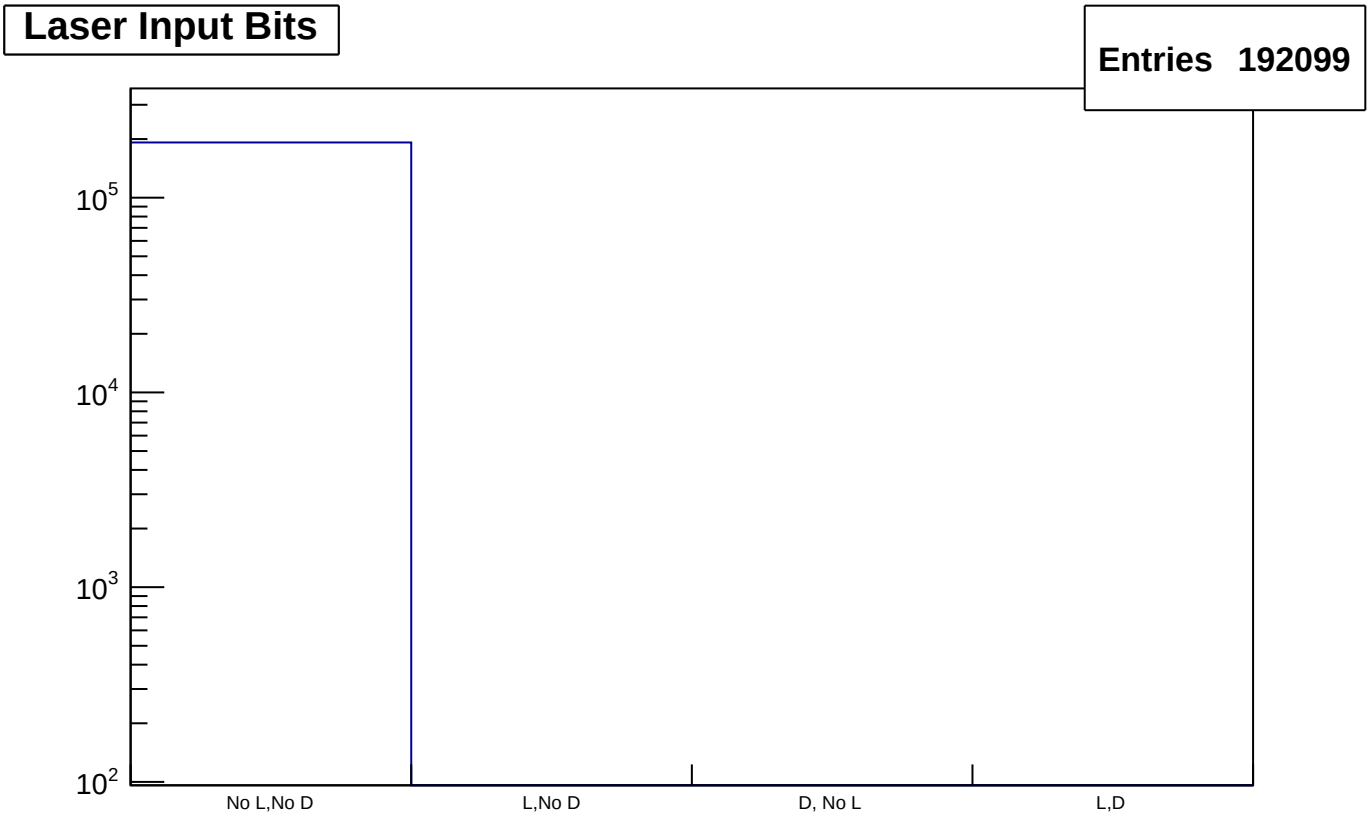

Entries 192099
TOF-Mult
VPD-West ADC Sum

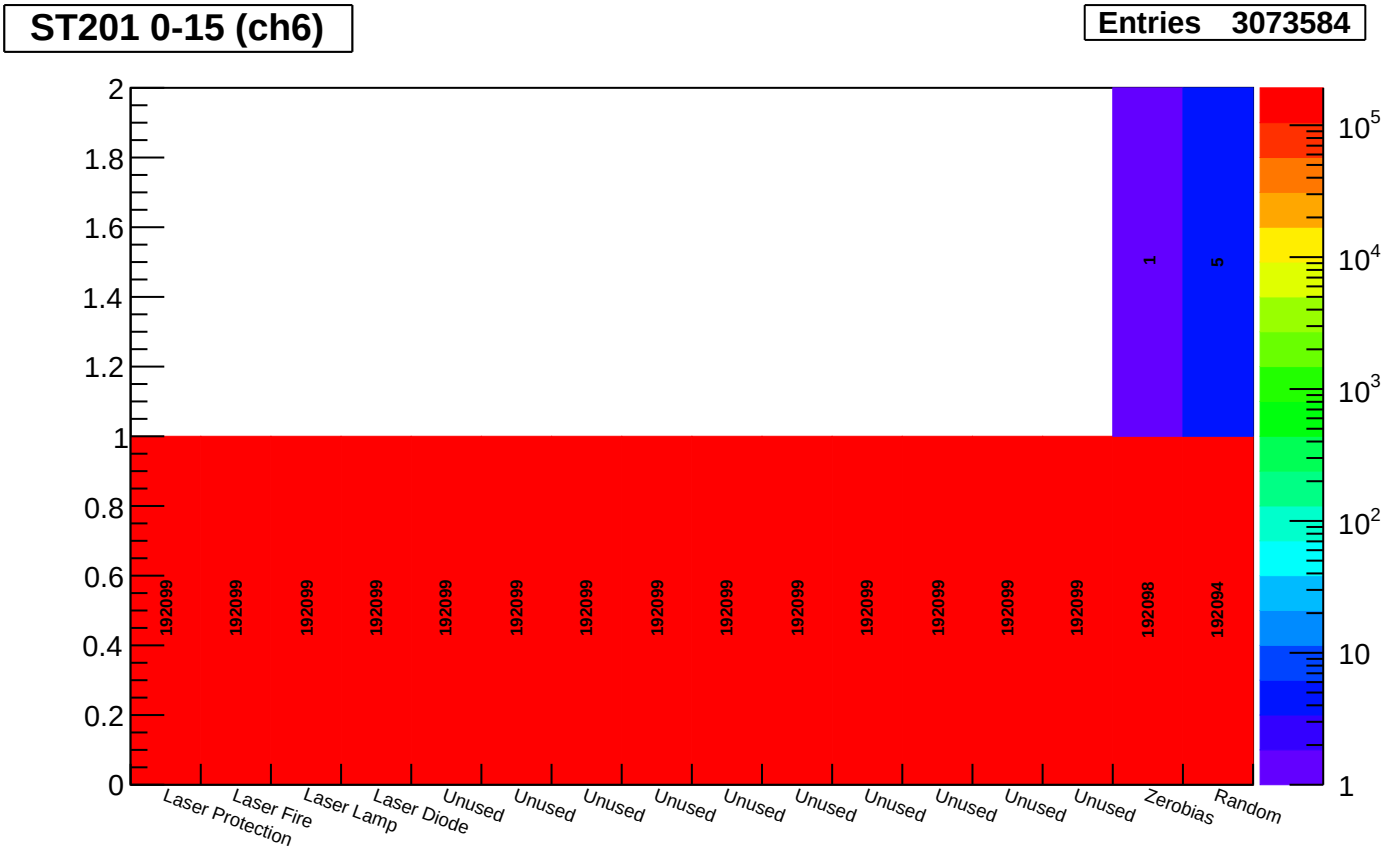

Entries 192099
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

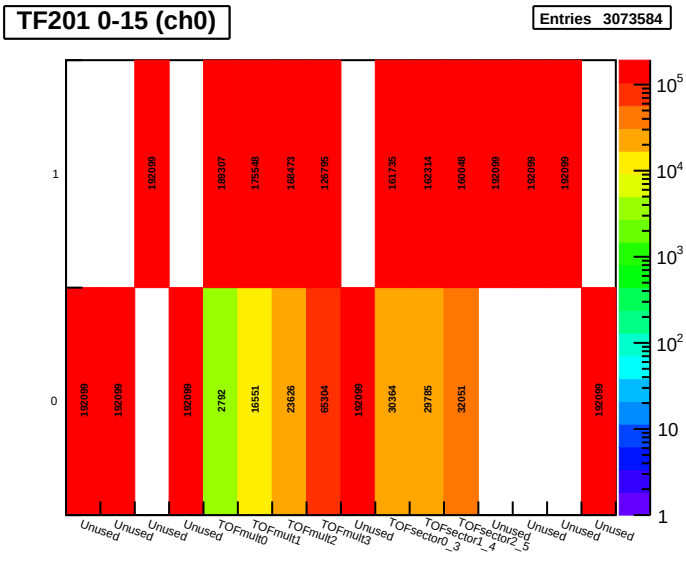

Entries 192099
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

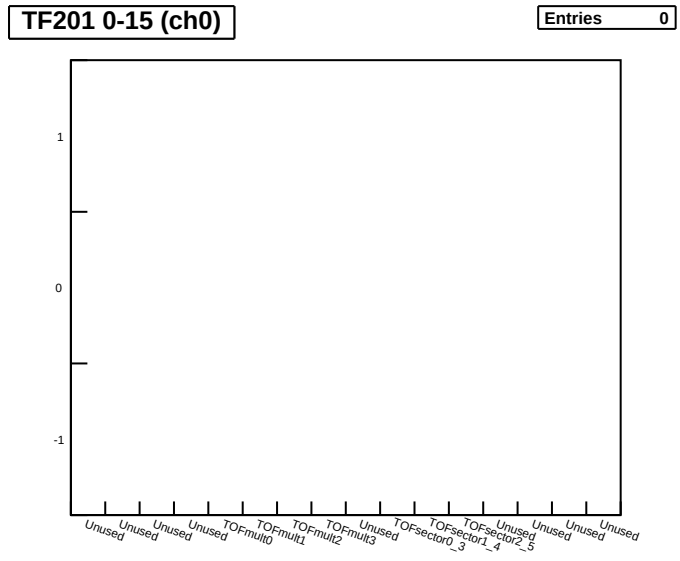

Entries 192099
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

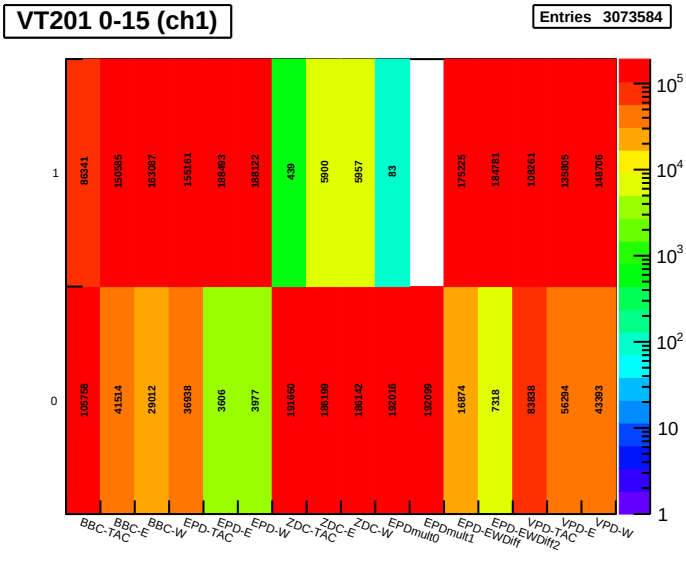

Entries 192099
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

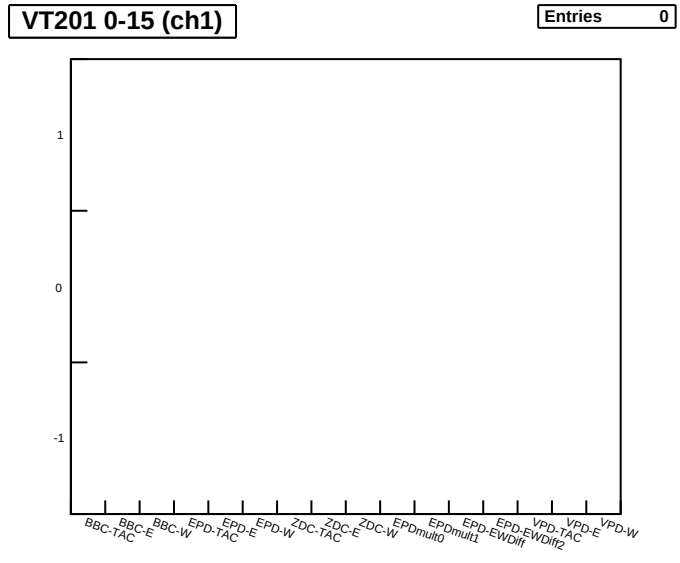

Laser Input Bits
Entries 192099
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

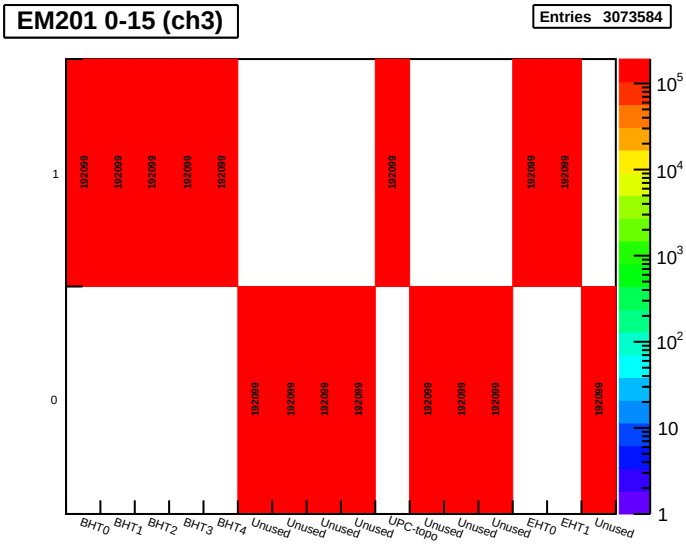

ST201 0-15 (ch6)
Entries 3073584
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
192099
192099
192099
192099
192099
192099
192099
192099
192099
192099
192099
192099
192099
192099
192098
192094
1
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

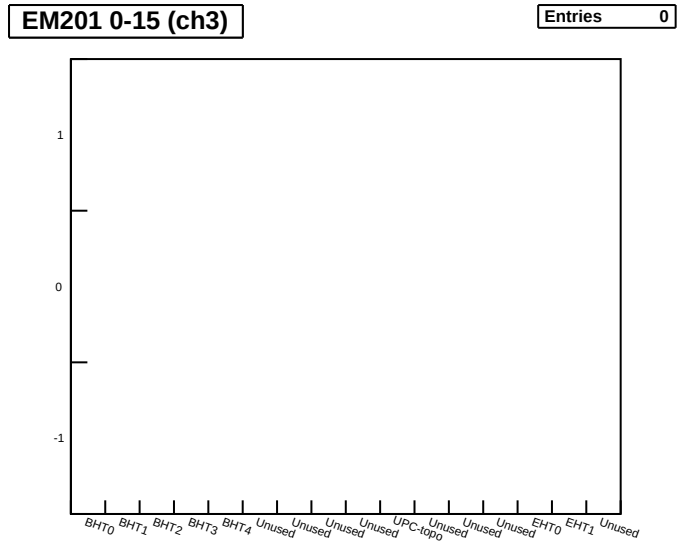

TF201 0-15 (ch0)
Entries 3073584
1
0
192099 192099 192099 2792 16551 23626 65304 192099 30364 29785 32051 192099
192099 188307 175548 168473 126785 161735 162314 160048 192099 192099 192099
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 3073584
1
0
86341 150585 163087 155161 184493 188122 439 5900 5957 83 175225 184781 108261 135805 148706
106758 41514 29012 36938 3606 3977 191660 188199 186142 192016 192099 16874 7318 83838 56294 43393
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 3073584
1
0
192099 192099 192099 192099 192099 192099 192099
192099 192099 192099 192099 192099 192099 192099 192099
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