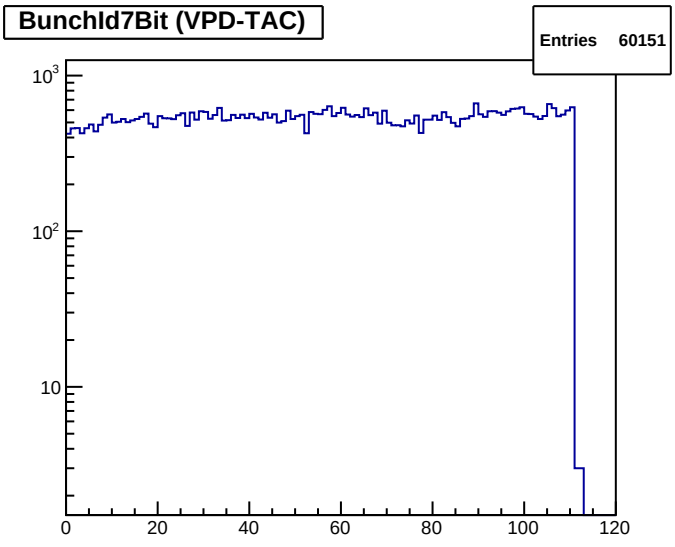
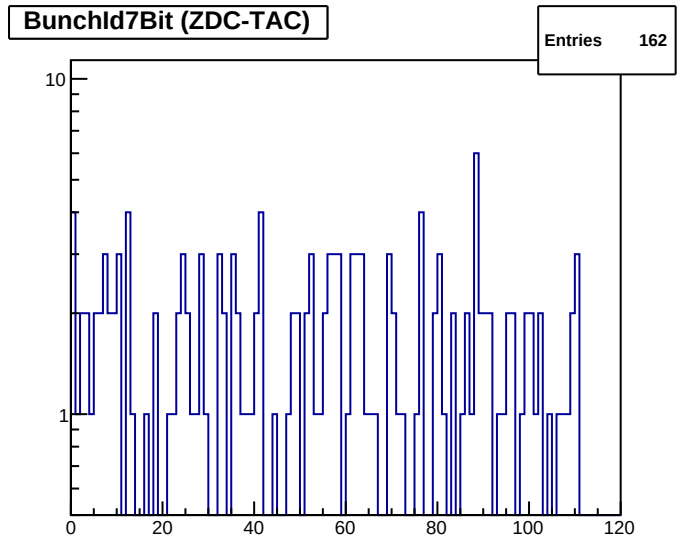
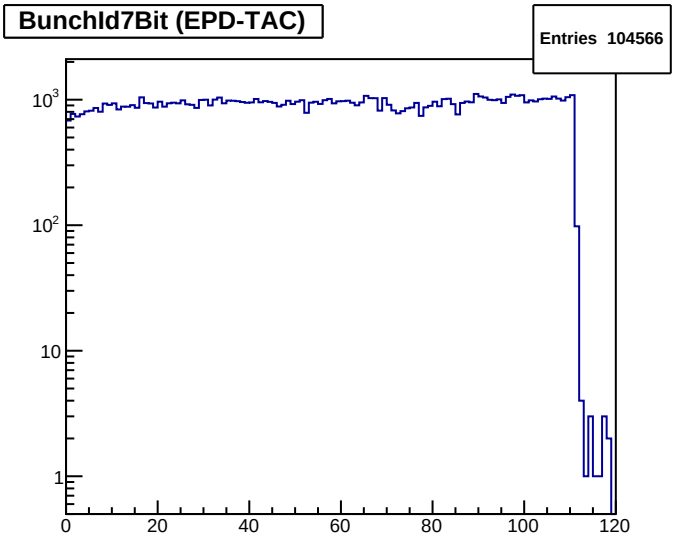
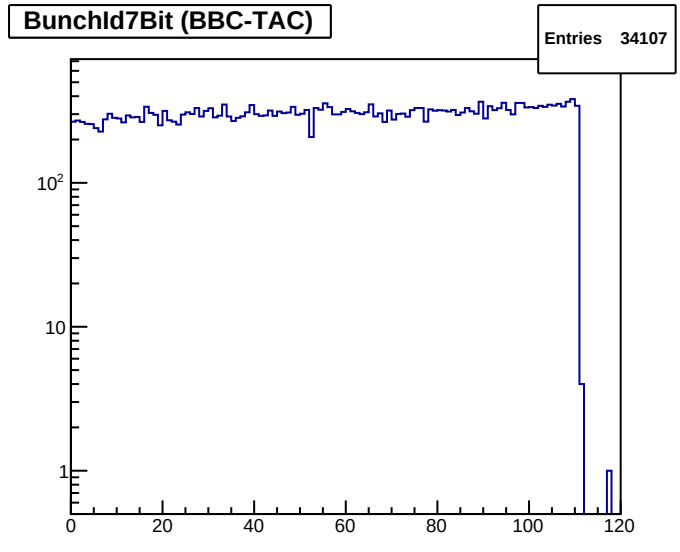
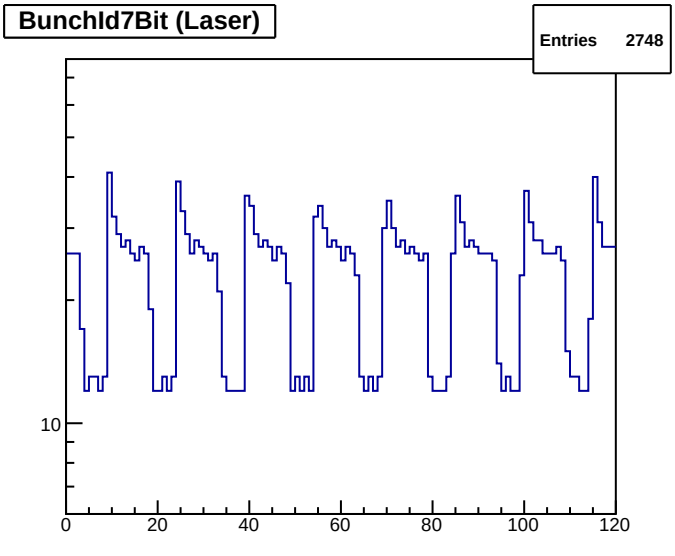
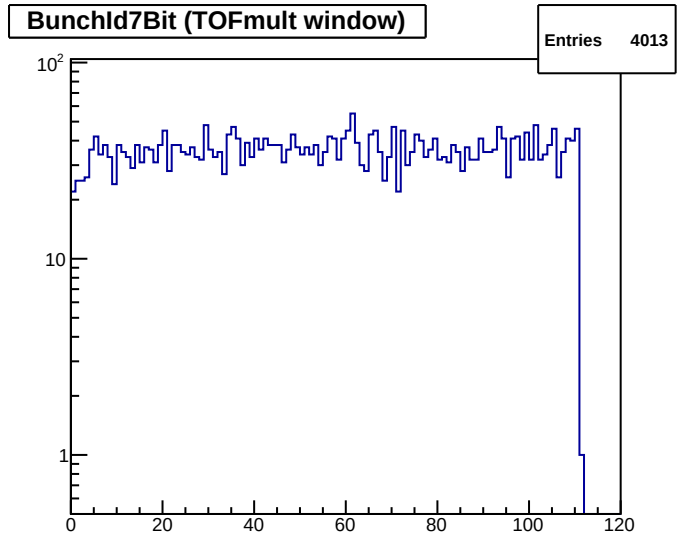

BunchId7Bit (VPD-TAC)
Entries 60151

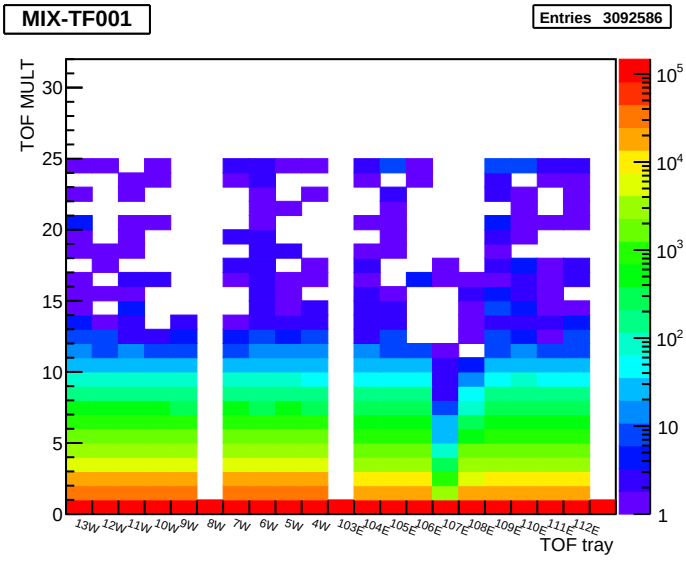

BunchId7Bit (ZDC-TAC)
Entries 162

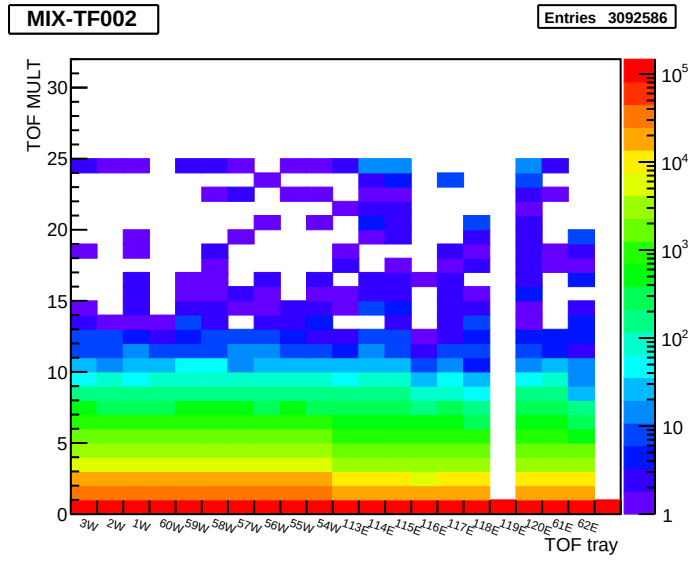

BunchId7Bit (EPD-TAC)
Entries 104566

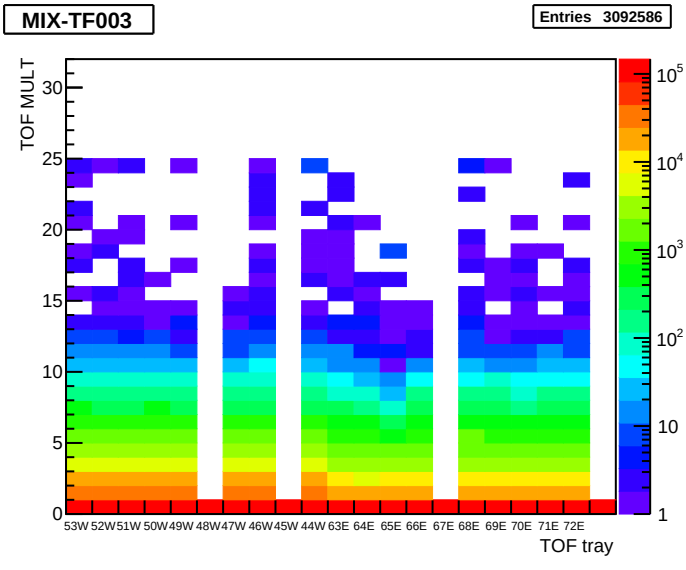

BunchId7Bit (BBC-TAC)
Entries 34107

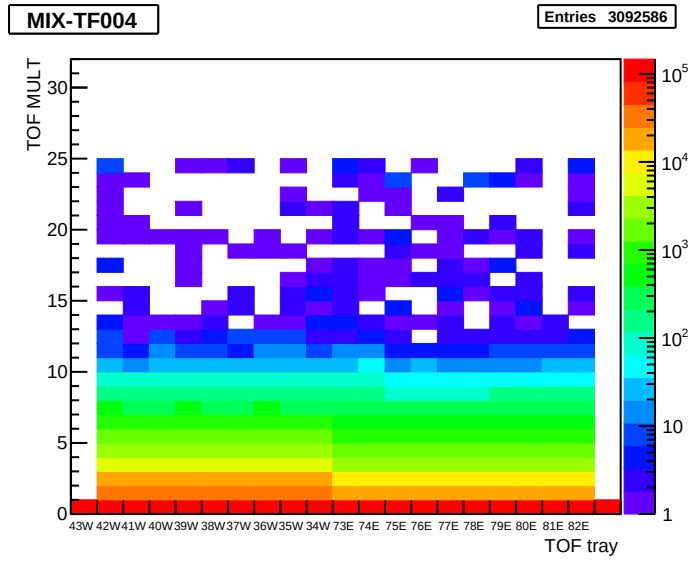

BunchId7Bit (Laser)
Entries 2748

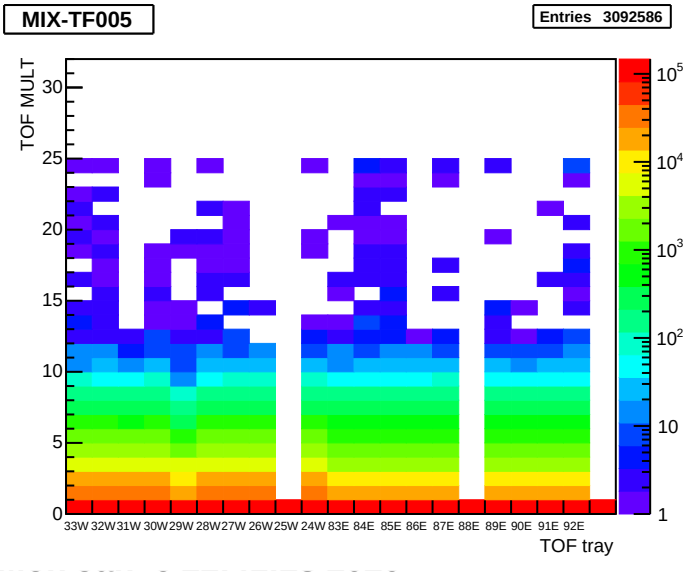

BunchId7Bit (TOFmult window)
Entries 4013

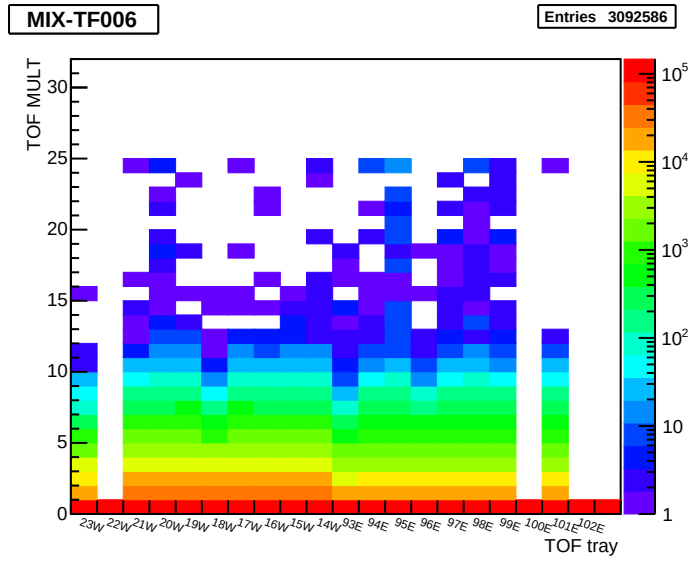

MIX-TF001
Entries 3092586
TOF MULT
TOF tray

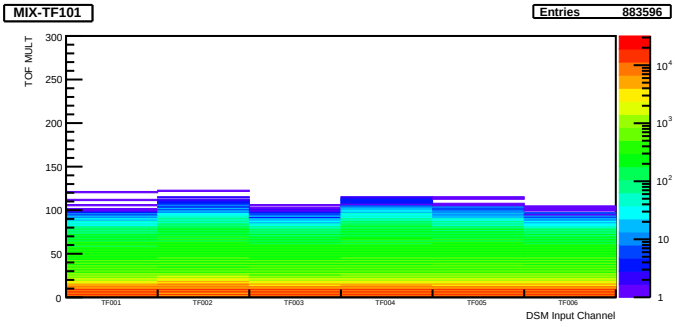

MIX-TF002
Entries 3092586
TOF MULT
TOF tray

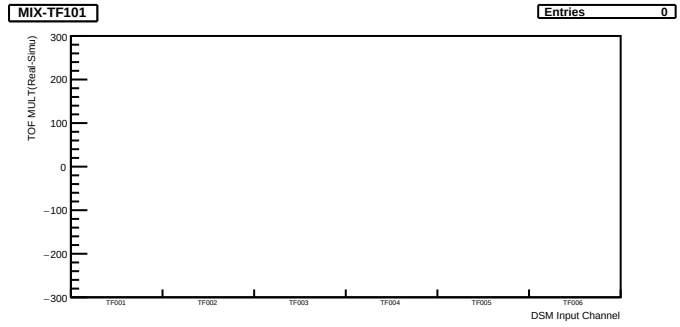

MIX-TF003
Entries 3092586
TOF MULT
TOF tray

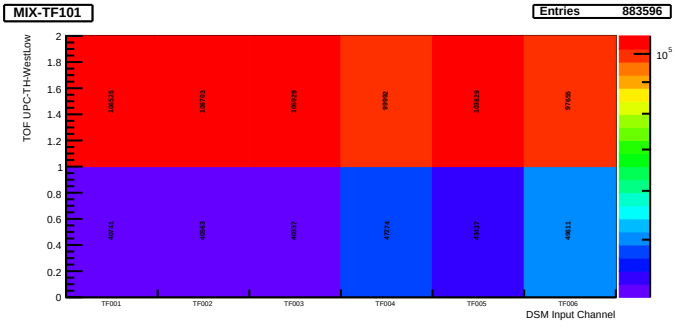

MIX-TF004
Entries 3092586
TOF MULT
TOF tray

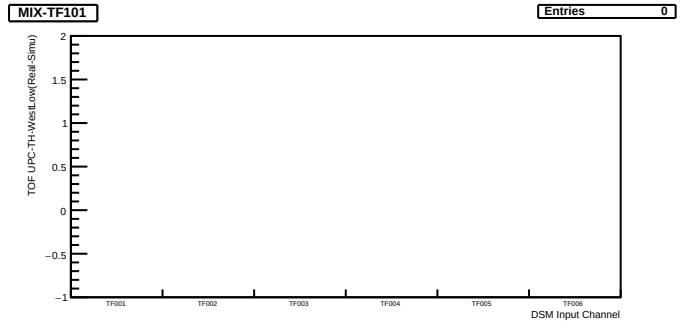

MIX-TF005
Entries 3092586
TOF MULT
TOF tray

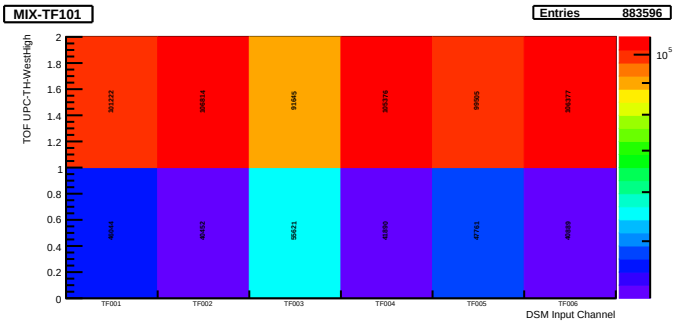

MIX-TF006
Entries 3092586
TOF MULT
TOF tray

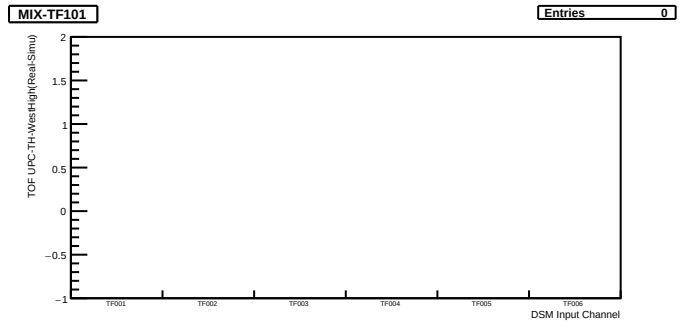

MIX-TF101
Entries 883596
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

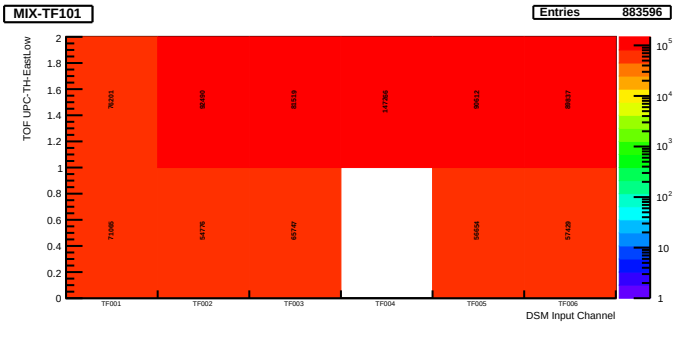

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

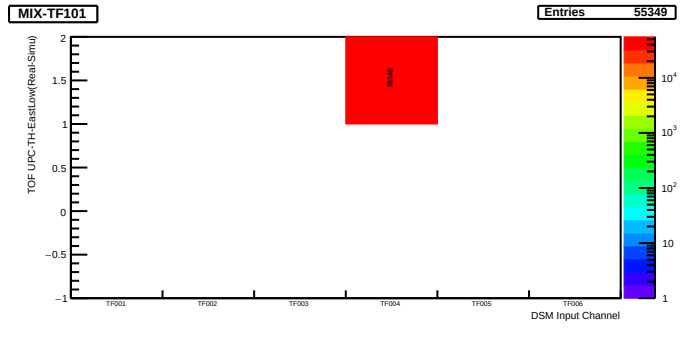

MIX-TF101
Entries 883596
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

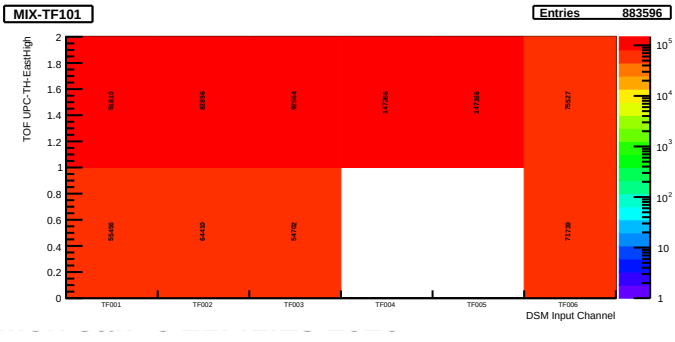

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

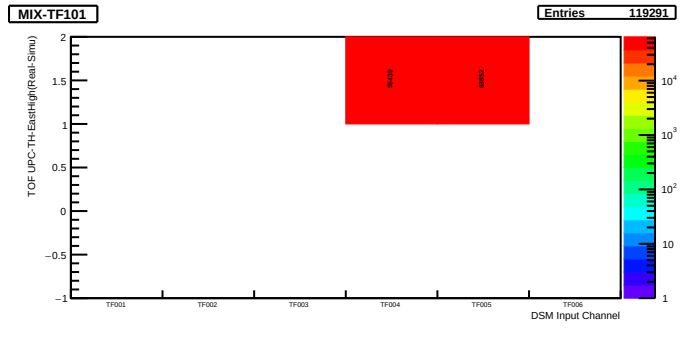

MIX-TF101
Entries 883596
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

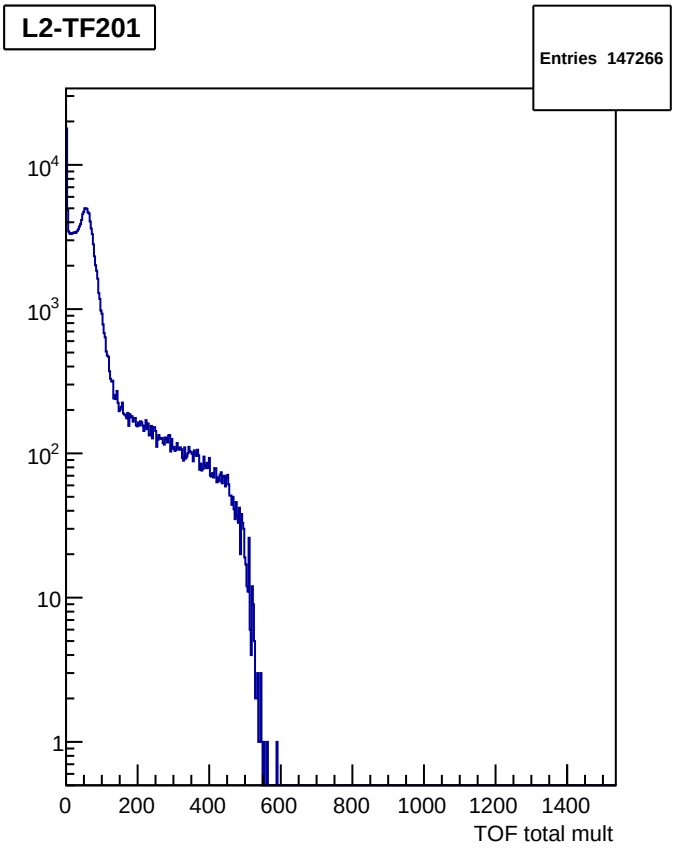

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

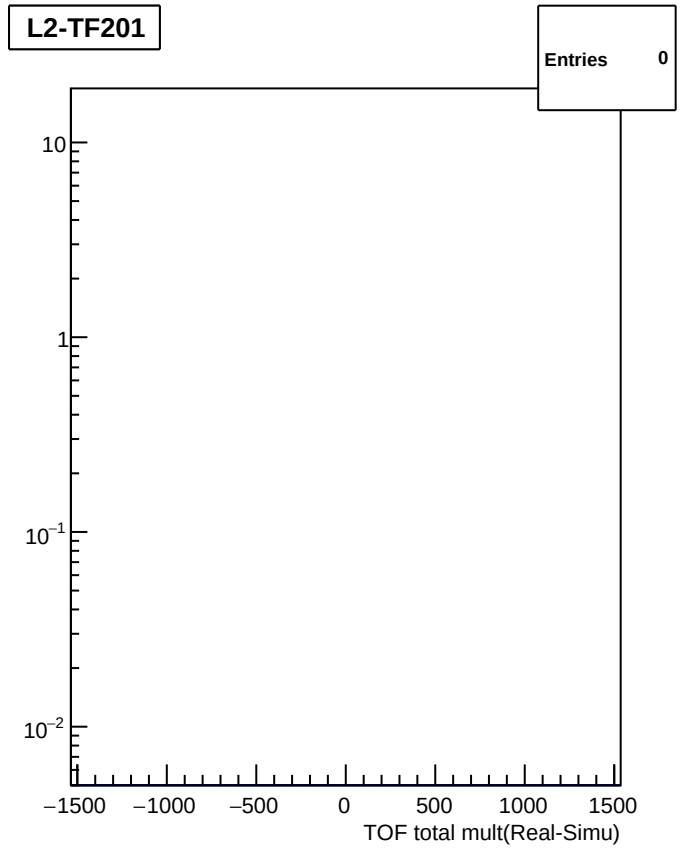

MIX-TF101
Entries 883596
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

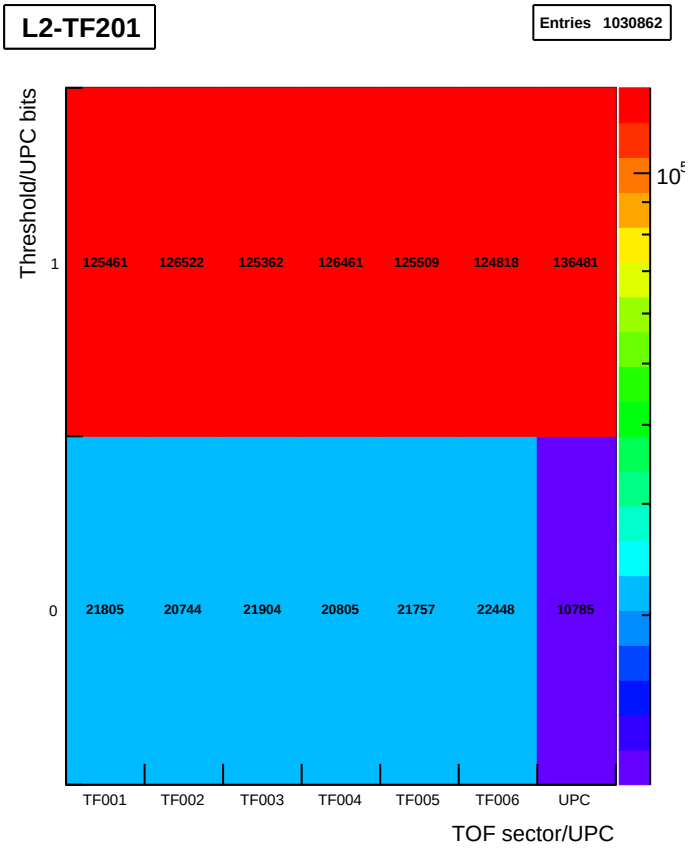

MIX-TF101
Entries 55349
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

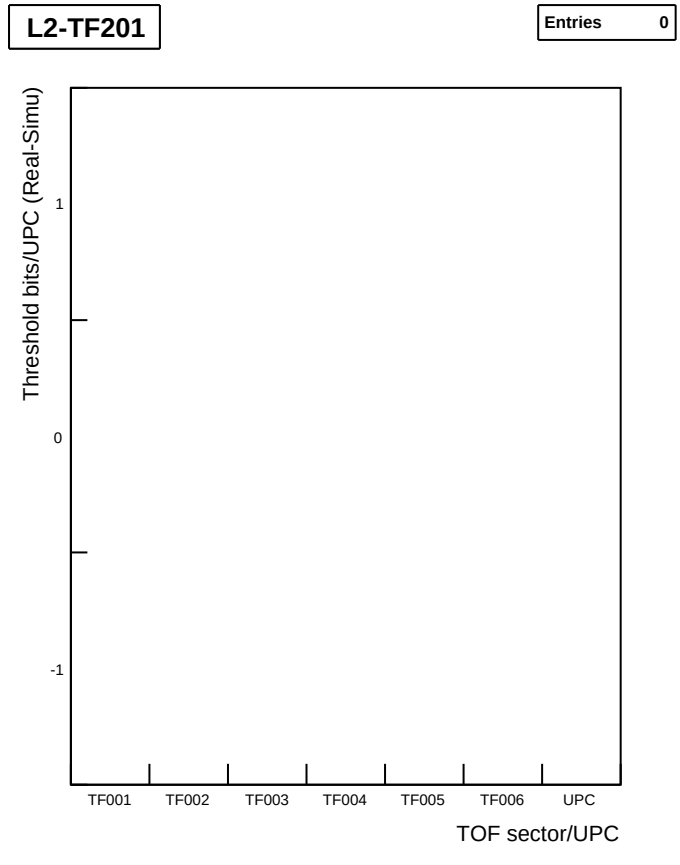

MIX-TF101
Entries 883596
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

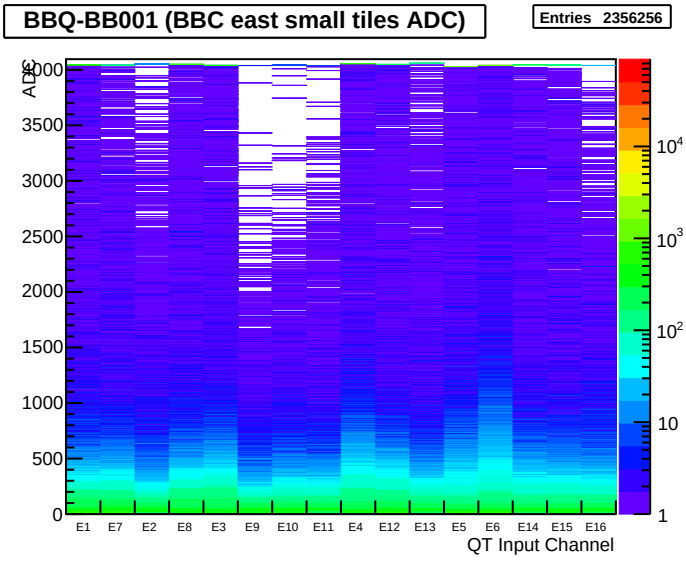

MIX-TF101
Entries 119291
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

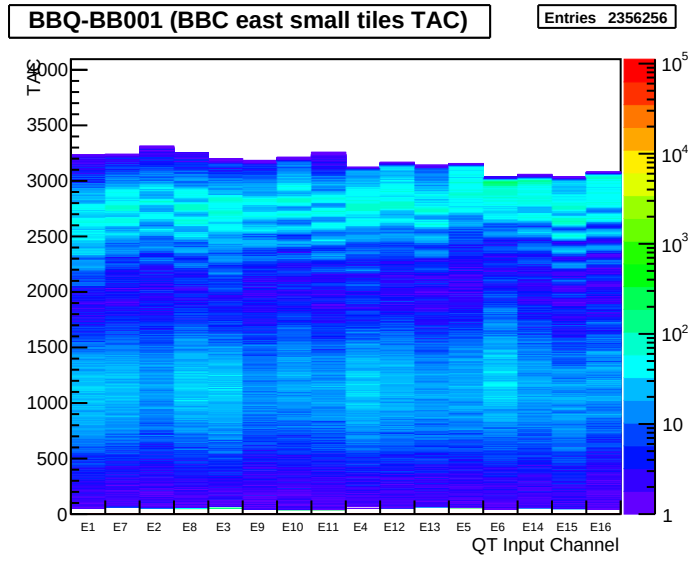

L2-TF201
Entries 147266
TOF total mult

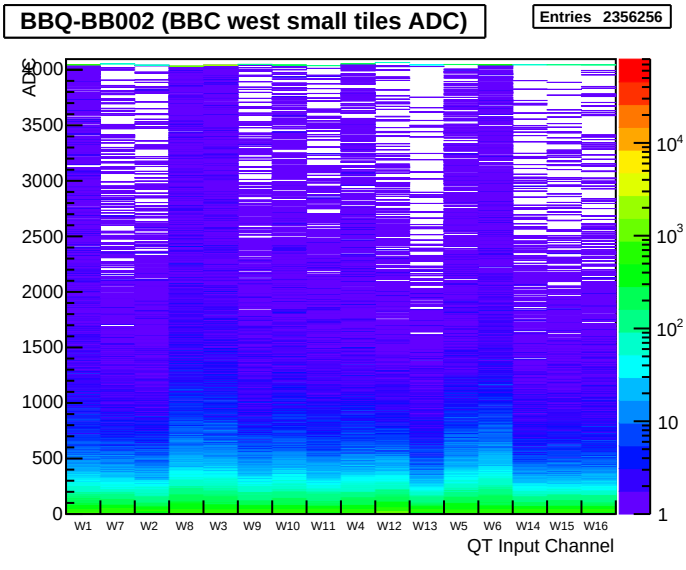

L2-TF201
Entries 0
TOF total mult(Real-Simu)

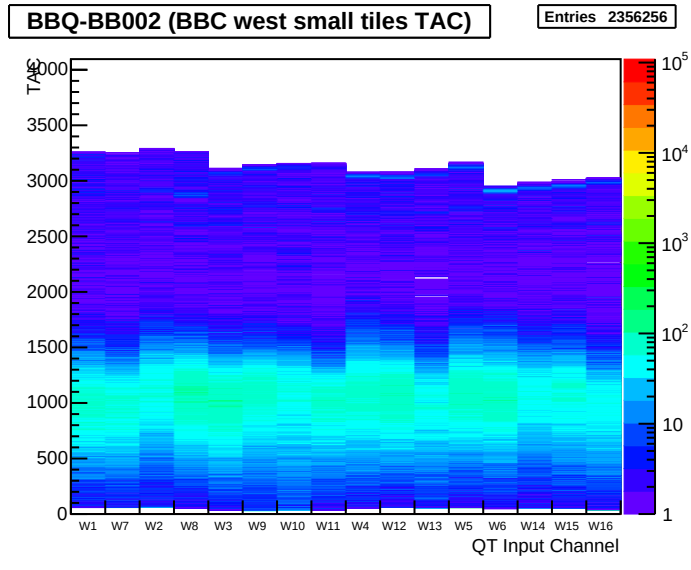

L2-TF201
Entries 1030862
Threshold/UPC bits
125461
126522
125362
126461
125509
124818
136481
21805
20744
21904
20805
21757
22448
10785
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

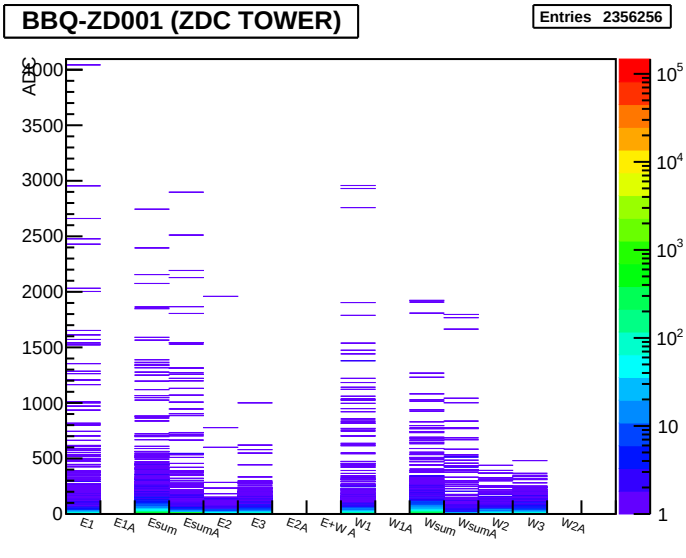

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

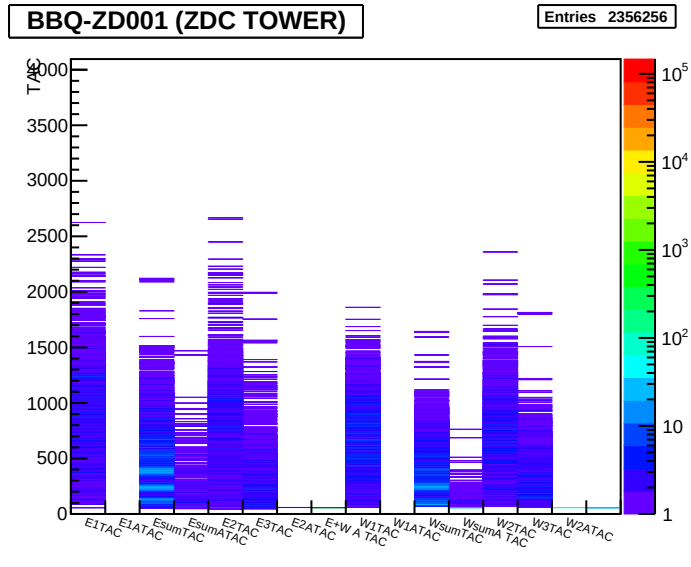

BBQ-BB001 (BBC east small tiles ADC)
Entries 2356256
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

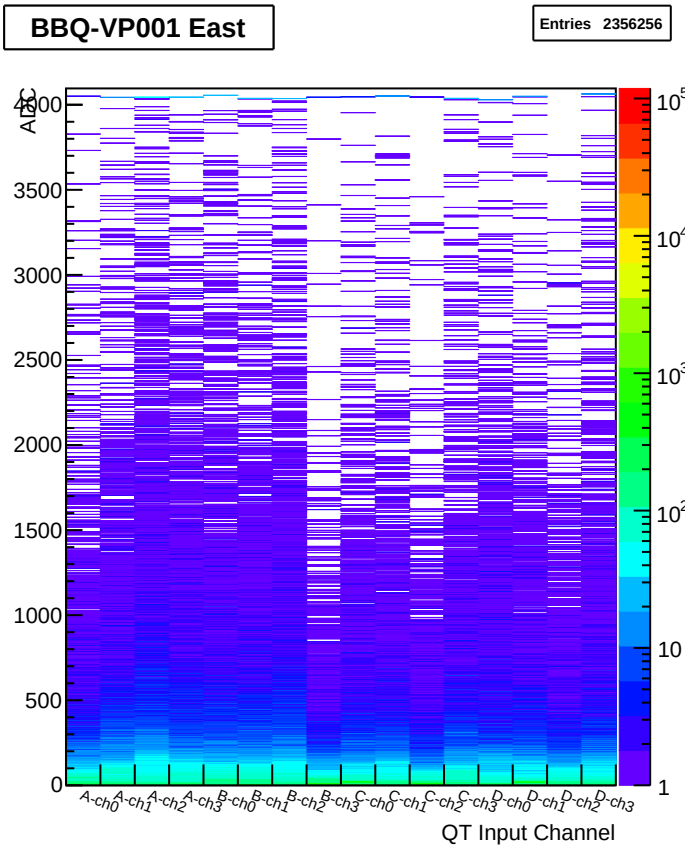

BBQ-BB001 (BBC east small tiles TAC)
Entries 2356256
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

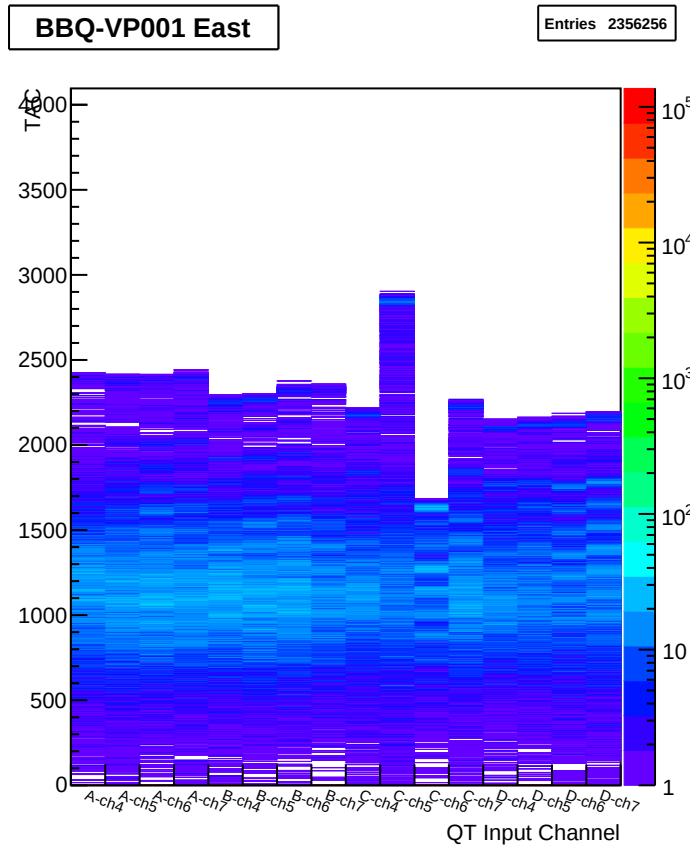

BBQ-BB002 (BBC west small tiles ADC)
Entries 2356256
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

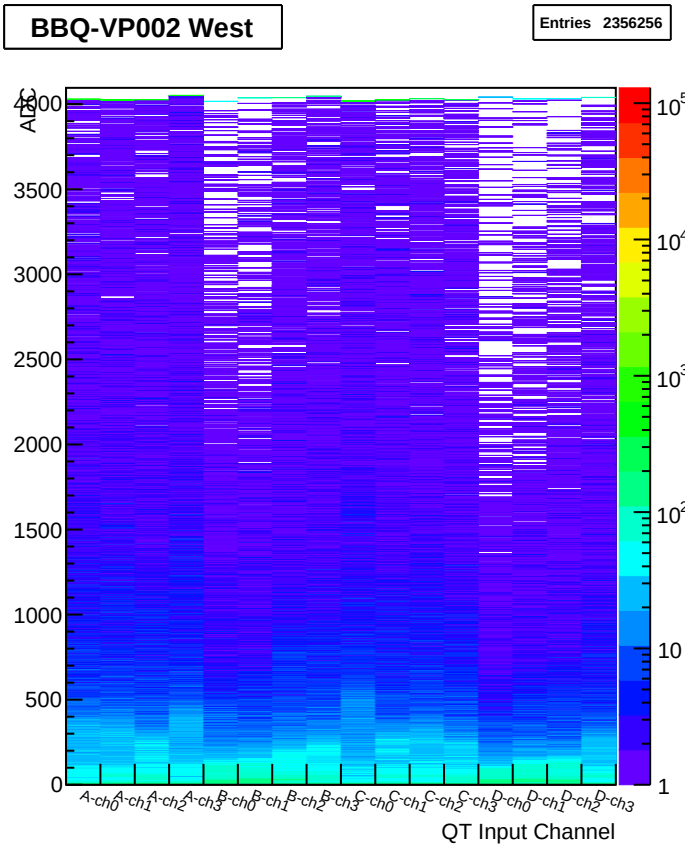

BBQ-BB002 (BBC west small tiles TAC)
Entries 2356256
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

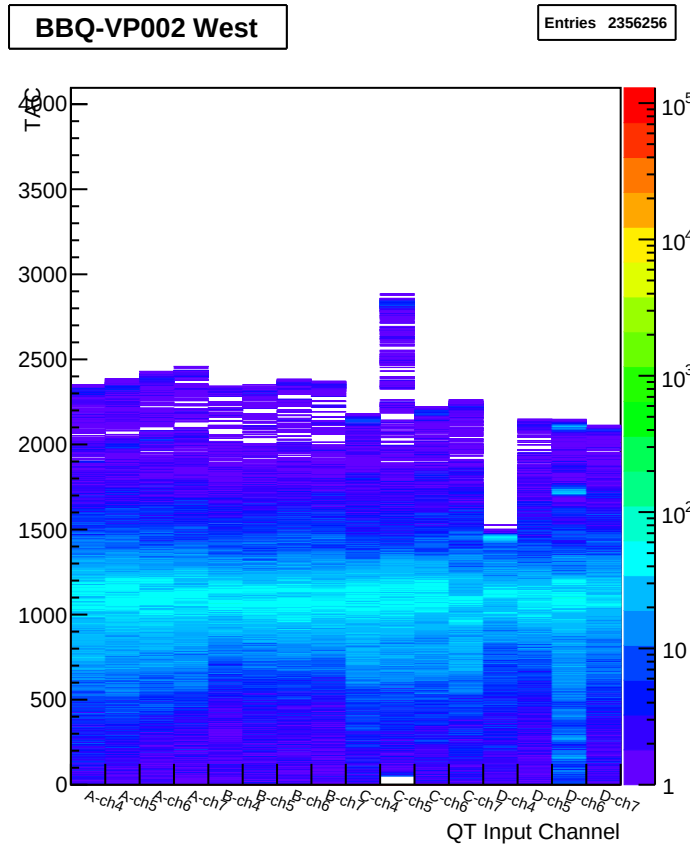

BBQ-ZD001 (ZDC TOWER)
Entries 2356256
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

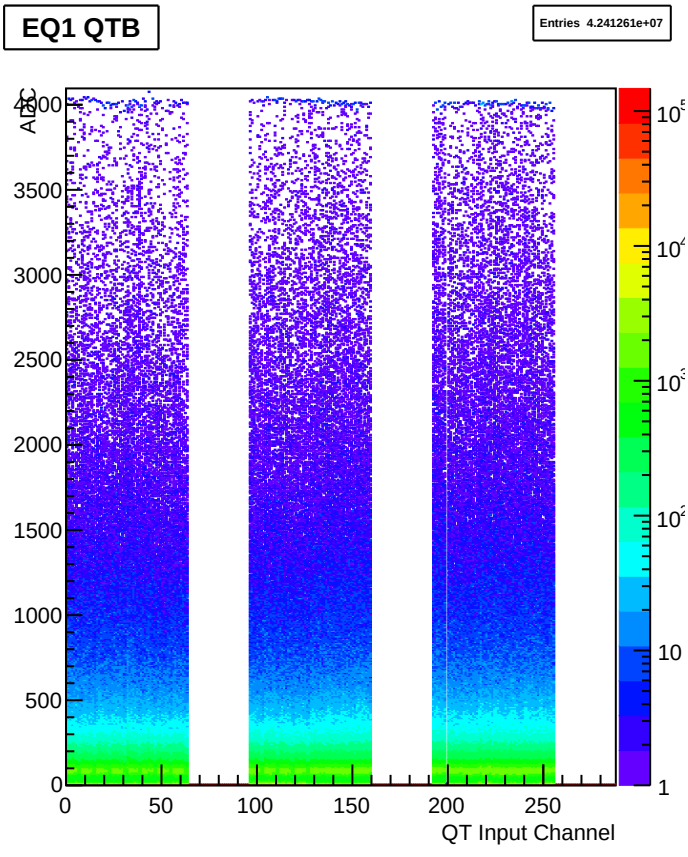

BBQ-ZD001 (ZDC TOWER)
Entries 2356256
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

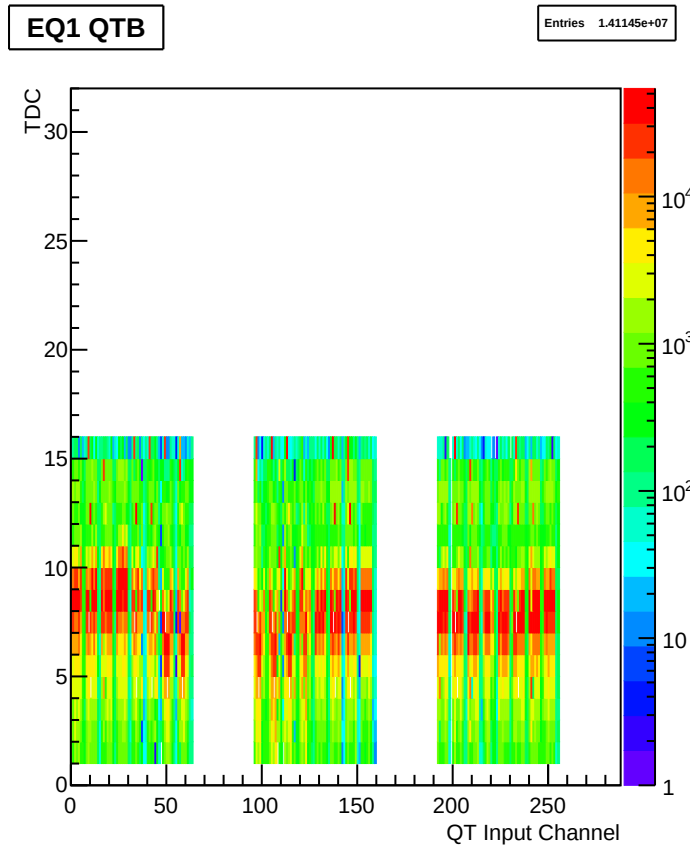

BBQ-VP001 East
Entries 2356256
ADC
QT Input Channel

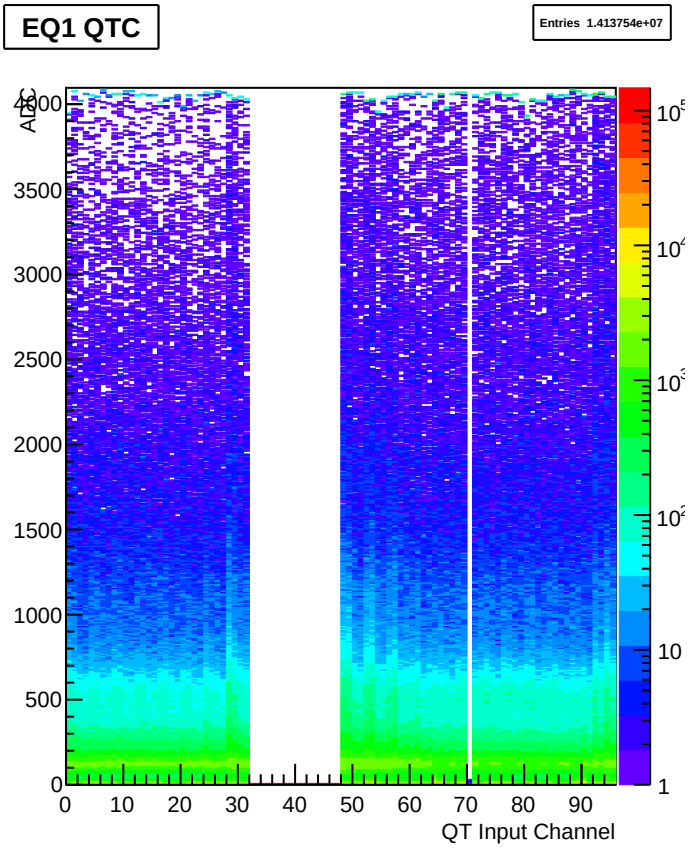

BBQ-VP001 East
Entries 2356256
TADC
QT Input Channel

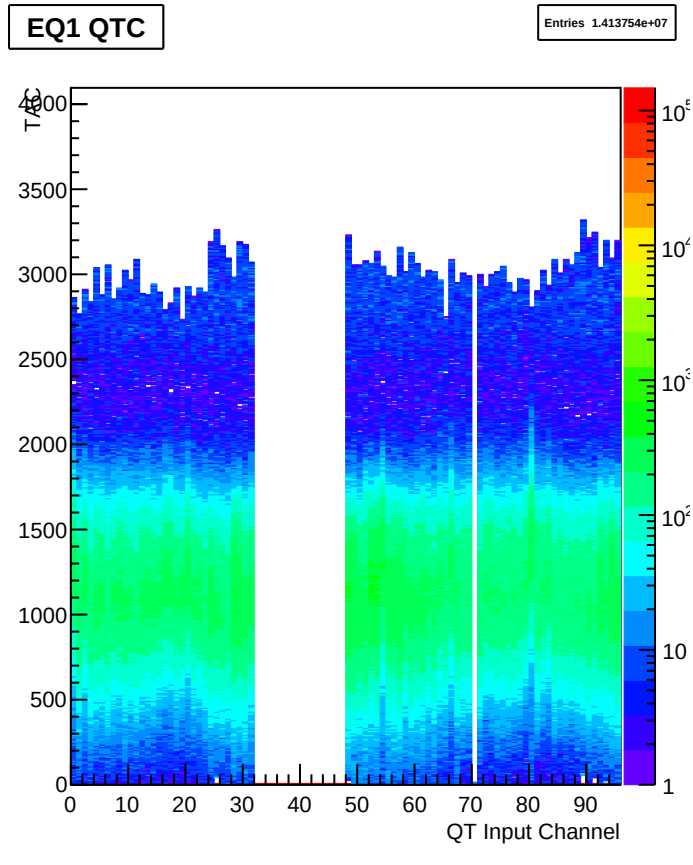

BBQ-VP002 West
Entries 2356256
ADC
QT Input Channel

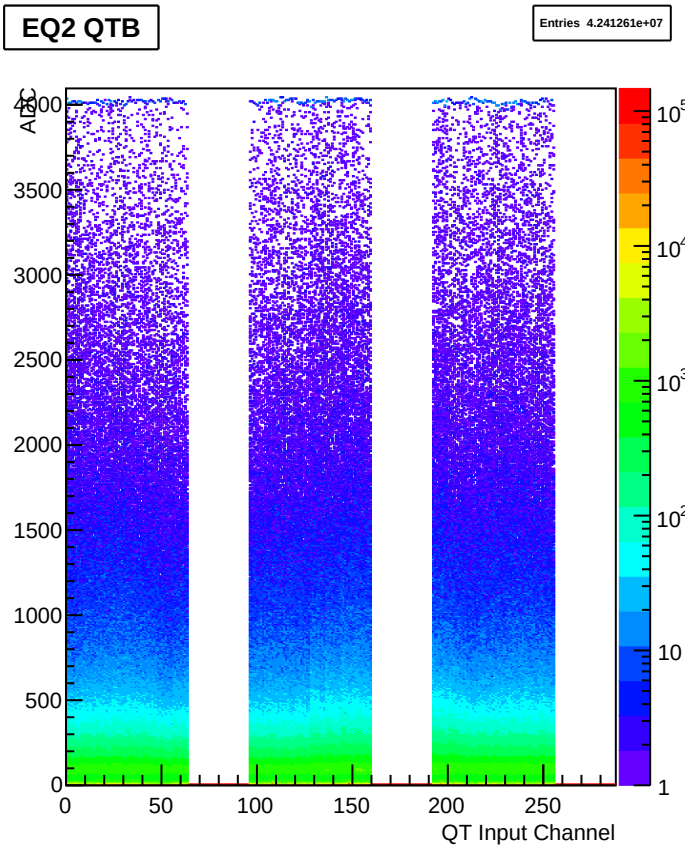

BBQ-VP002 West
Entries 2356256
TADC
QT Input Channel

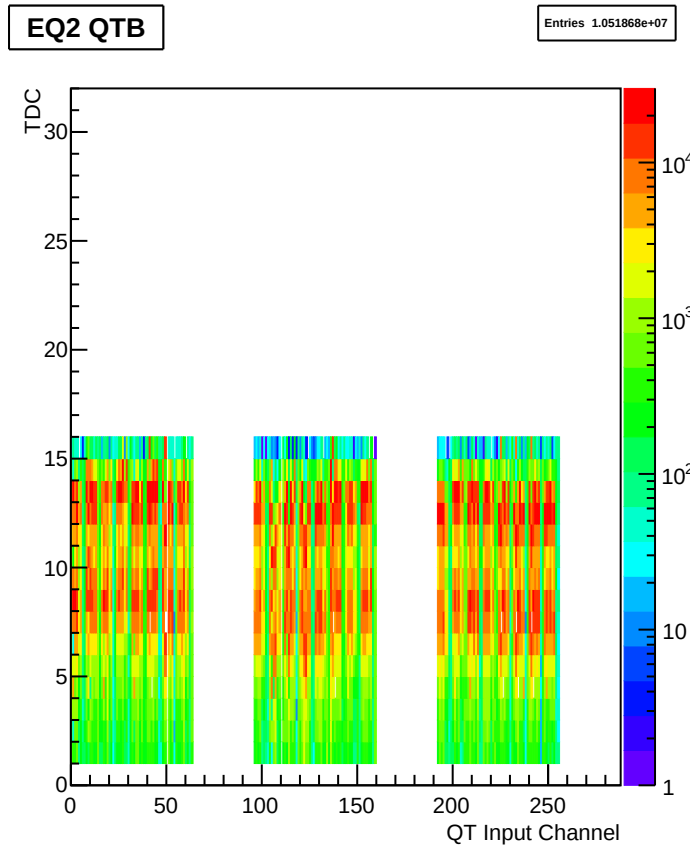

EQ1 QTB
Entries 4.241261e+07
ADC
QT Input Channel

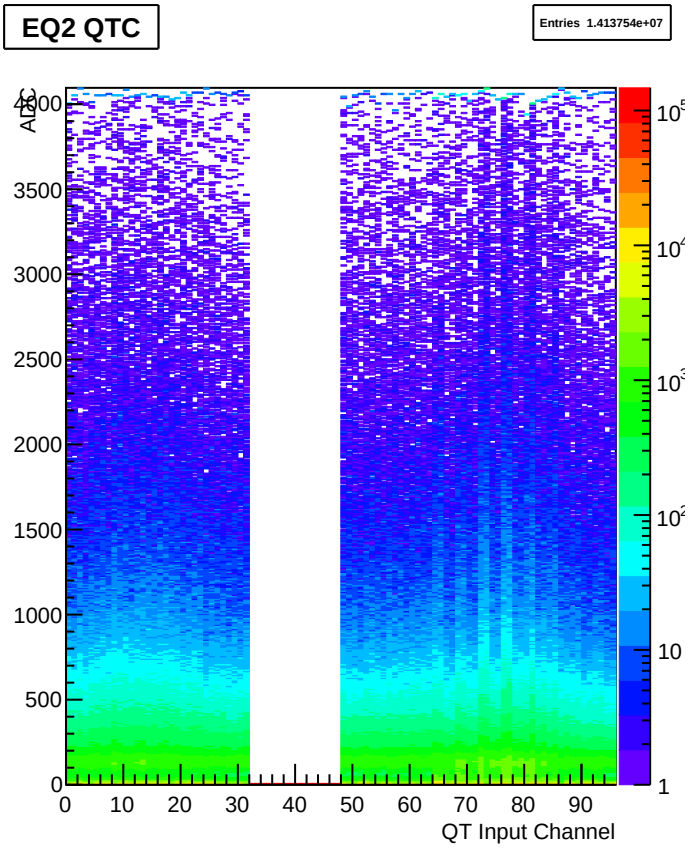

EQ1 QTB
Entries 1.41145e+07
TDC
QT Input Channel

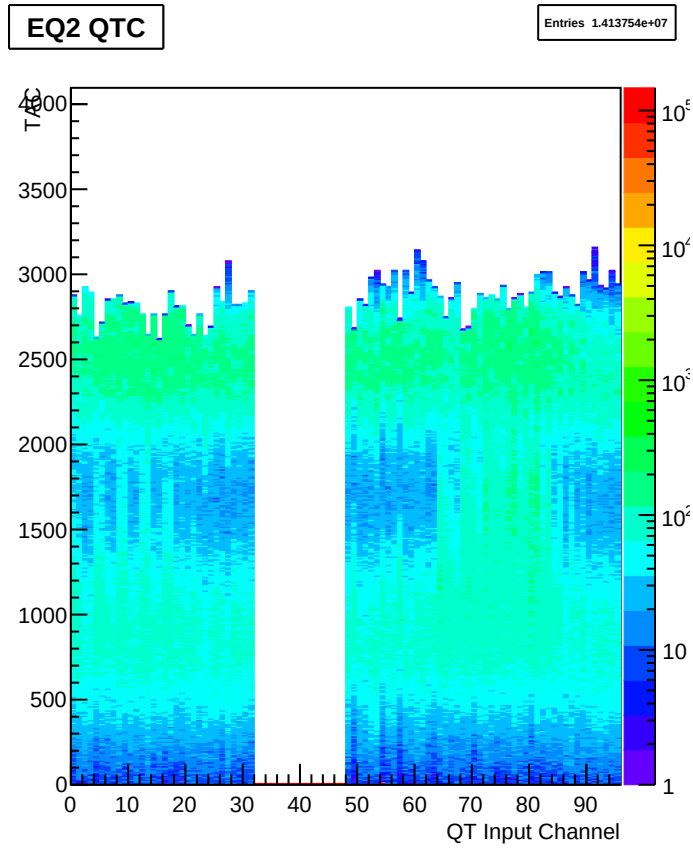

EQ1 QTC
Entries 1.413754e+07
ADC
QT Input Channel

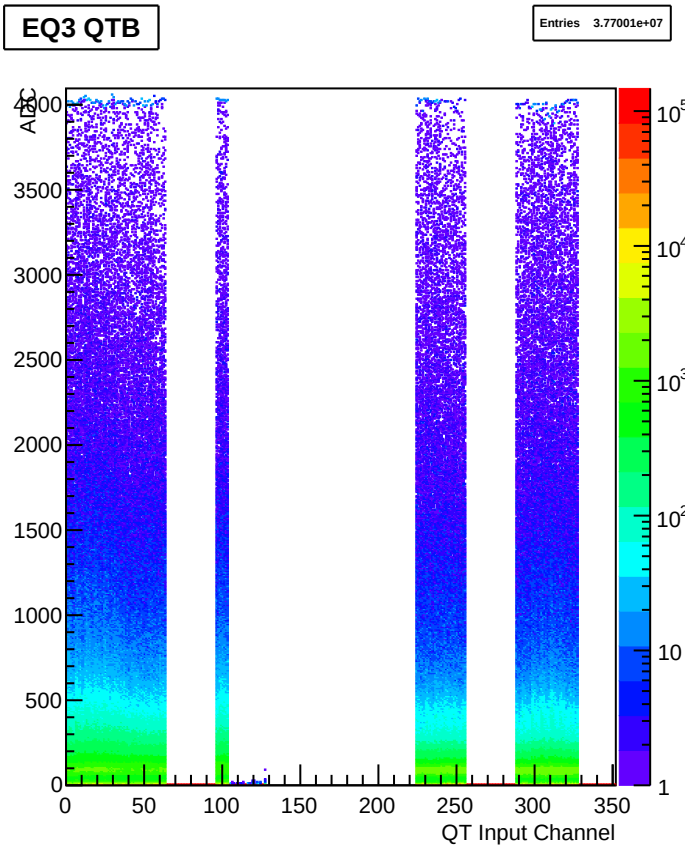

EQ1 QTC
Entries 1.413754e+07
TADC
QT Input Channel

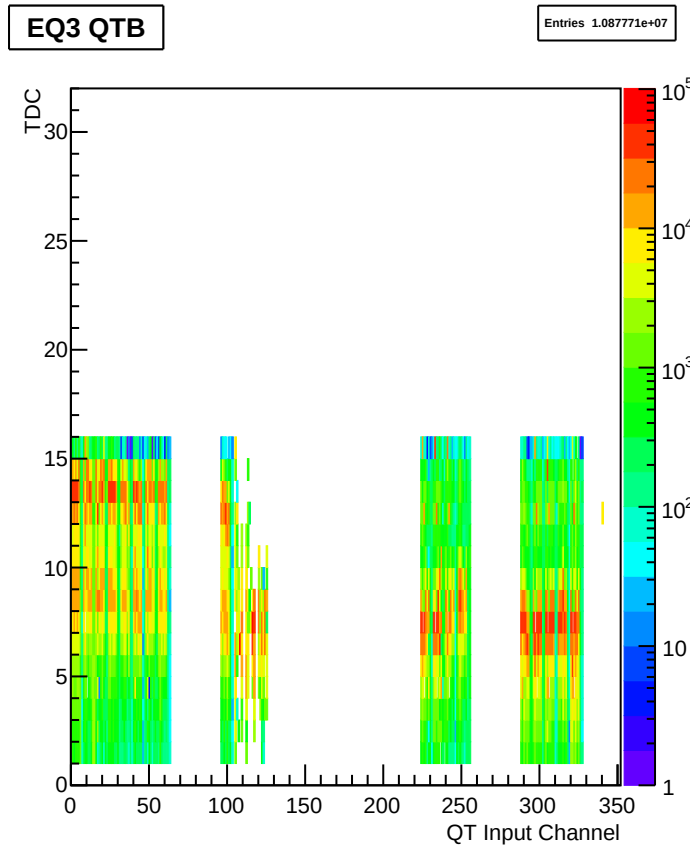

EQ2 QTB
Entries 4.241261e+07
ADC
QT Input Channel

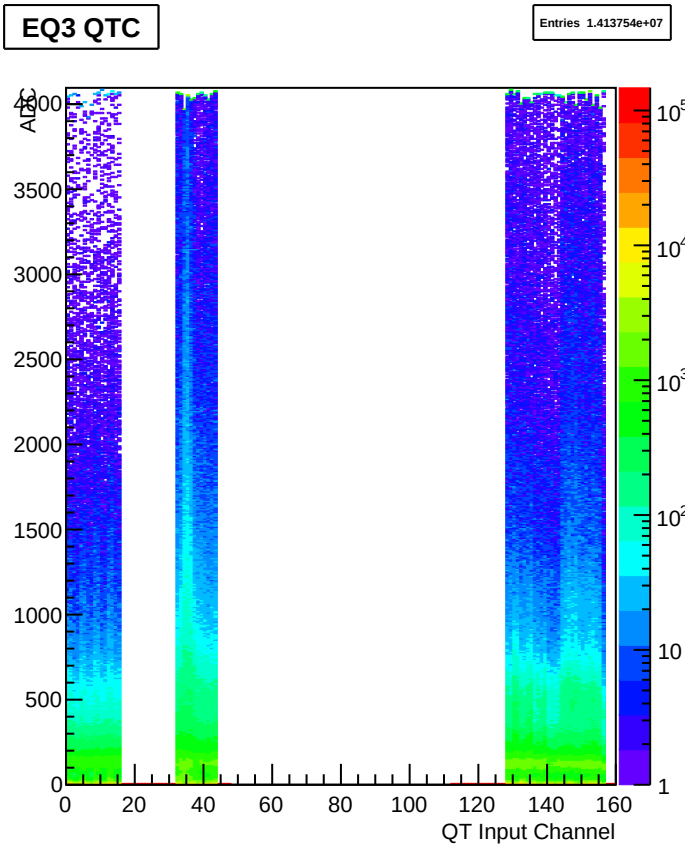

EQ2 QTB
Entries 1.051868e+07
TDC
QT Input Channel

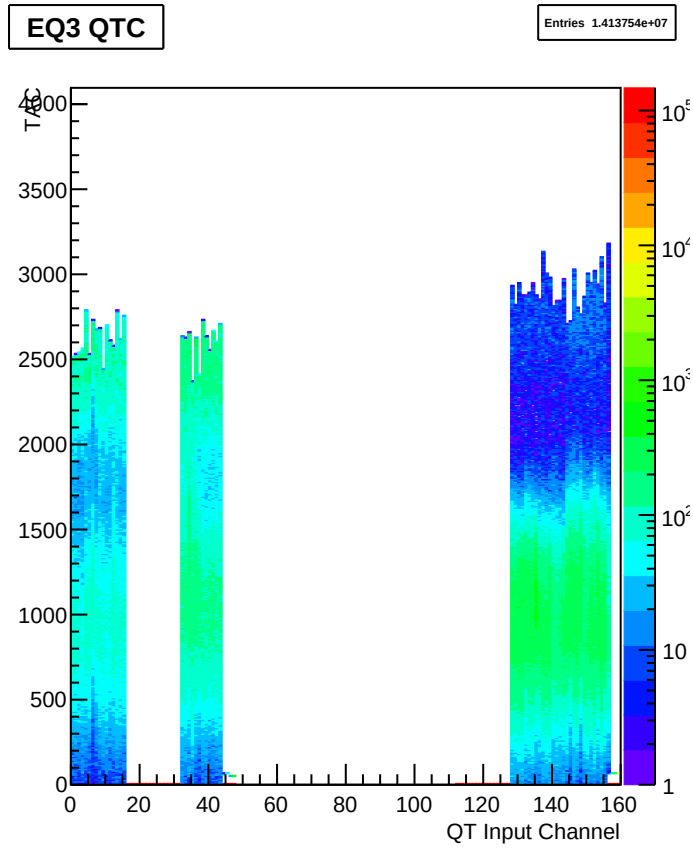

EQ2 QTC
Entries 1.413754e+07
ADC
QT Input Channel

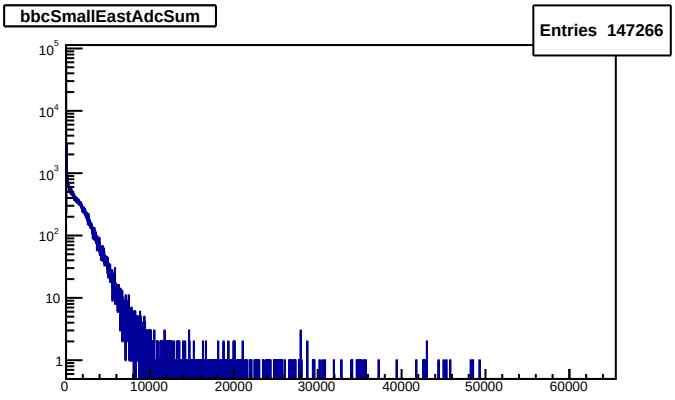

EQ2 QTC
Entries 1.413754e+07
TADC
QT Input Channel

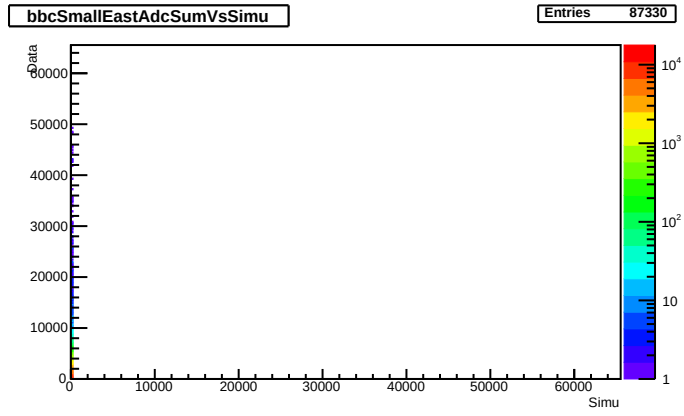

EQ3 QTB
Entries 3.77001e+07
ADC
QT Input Channel

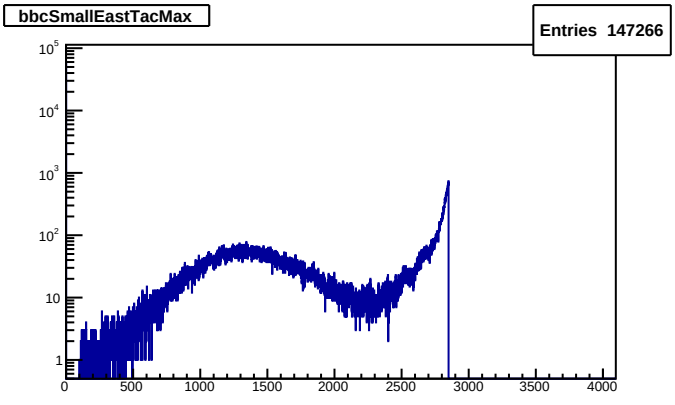

EQ3 QTB
Entries 1.087771e+07
TDC
QT Input Channel

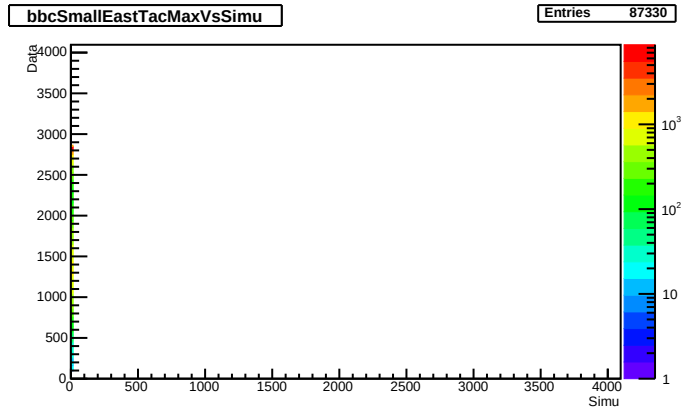

EQ3 QTC
Entries 1.413754e+07
ADC
QT Input Channel

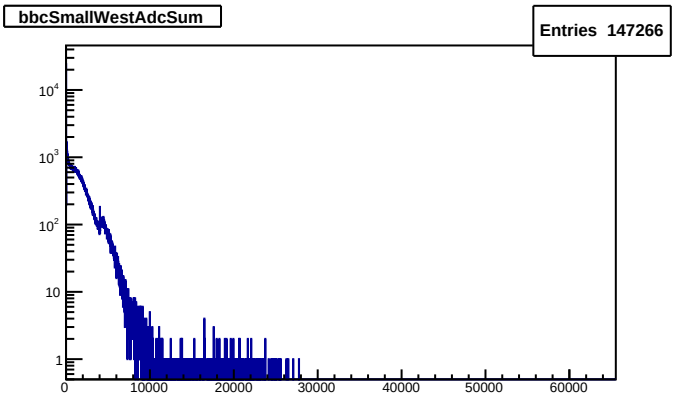

EQ3 QTC
Entries 1.413754e+07
TADC
QT Input Channel

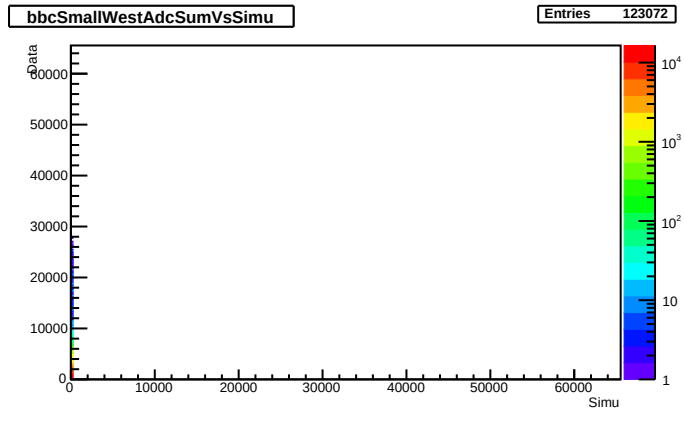

bbcSmallEastAdcSum
Entries 147266

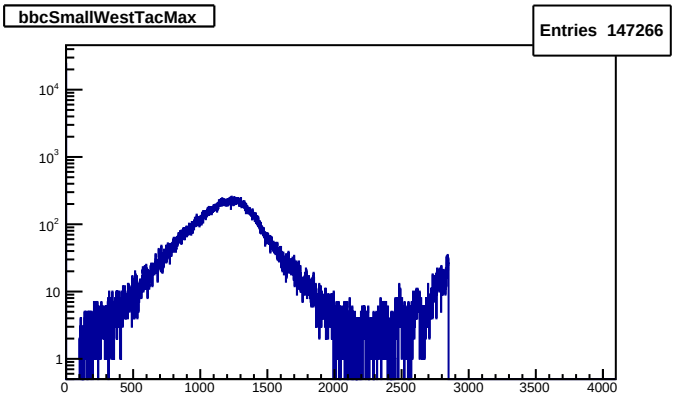

bbcSmallEastAdcSumVsSimu
Entries 87330
Data
Simu

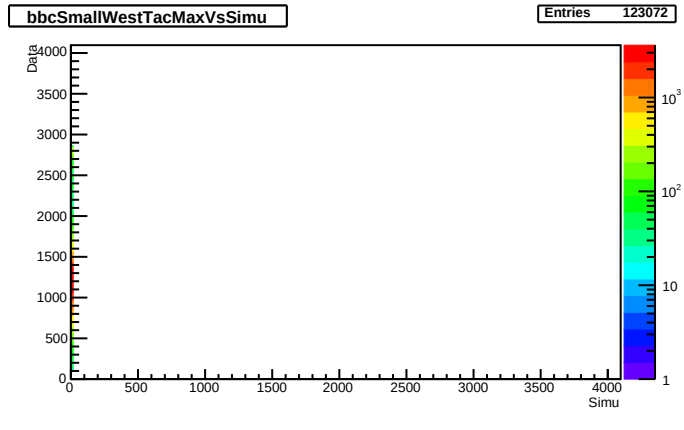

bbcSmallEastTacMax
Entries 147266

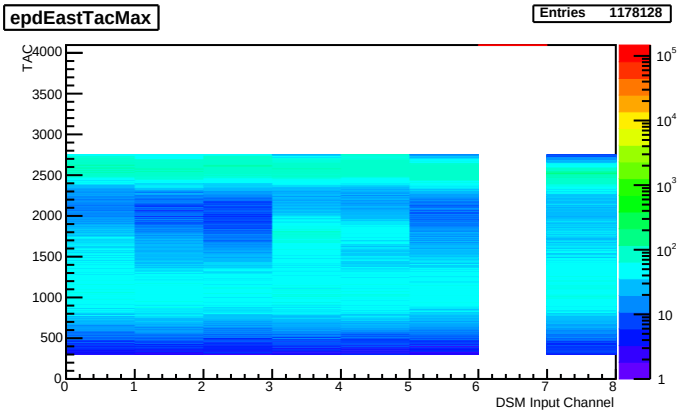

bbcSmallEastTacMaxVsSimu
Entries 87330
Data
Simu

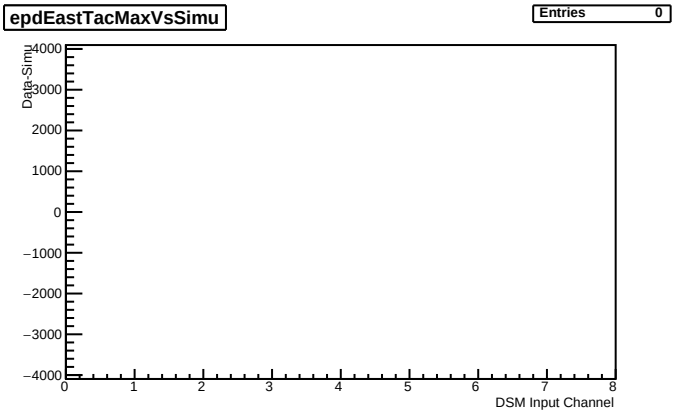

bbcSmallWestAdcSum
Entries 147266

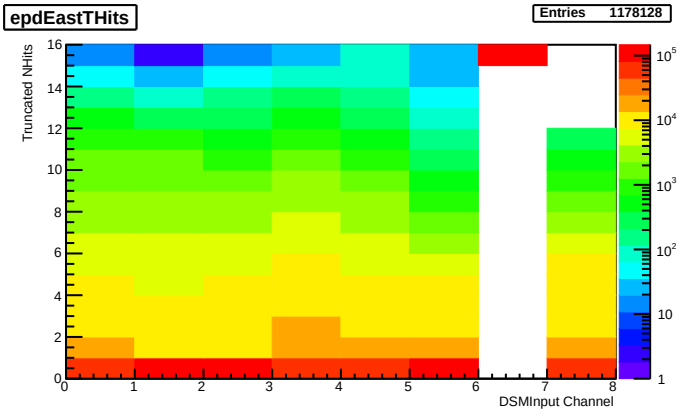

bbcSmallWestAdcSumVsSimu
Entries 123072
Data
Simu

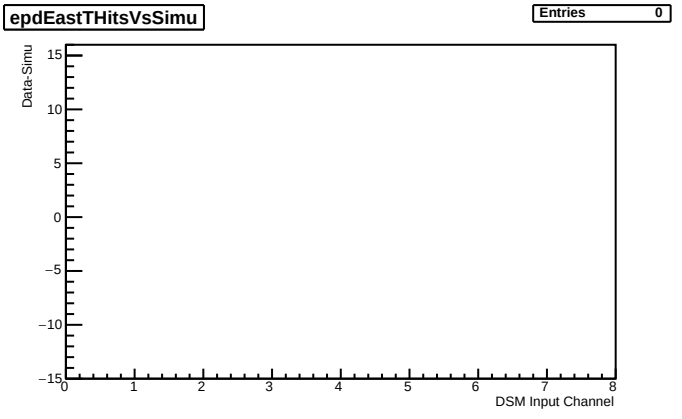

bbcSmallWestTacMax
Entries 147266

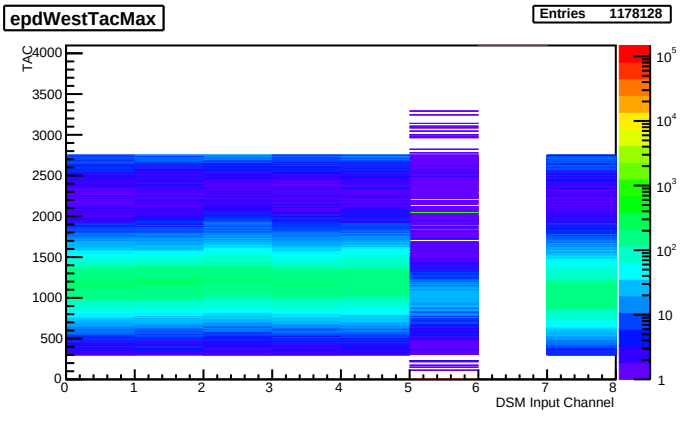

bbcSmallWestTacMaxVsSimu
Entries 123072
Data
Simu

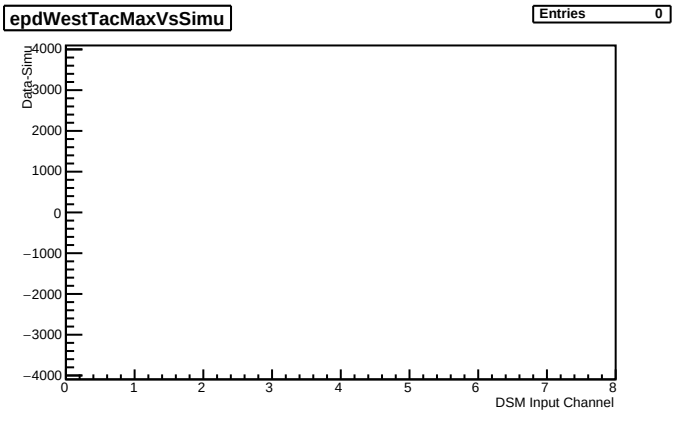

epdEastTacMax
Entries 1178128
TAC
DSM Input Channel

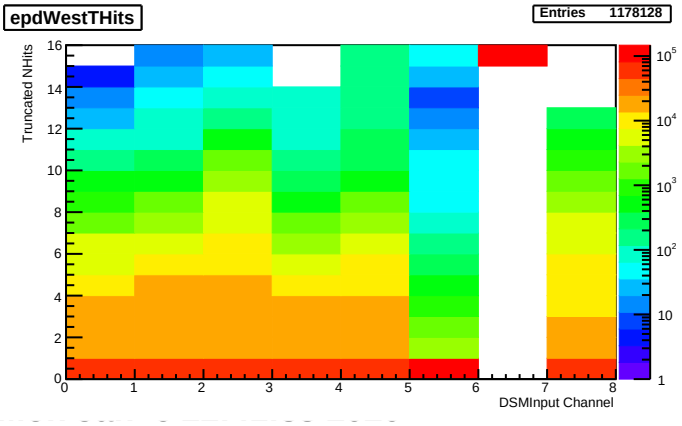

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

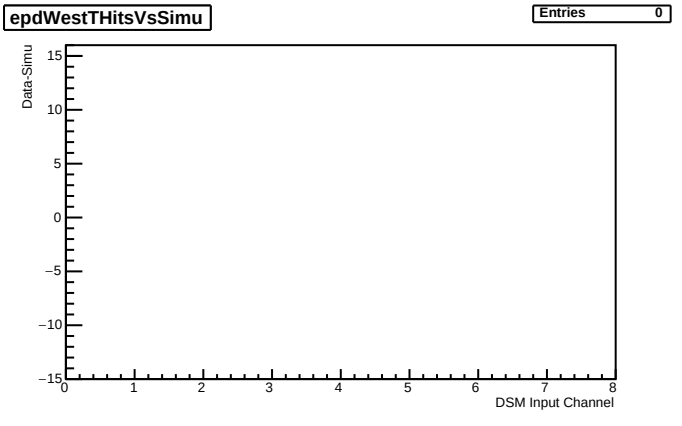

epdEastTHits
Entries 1178128
Truncated NHits
DSMInput Channel

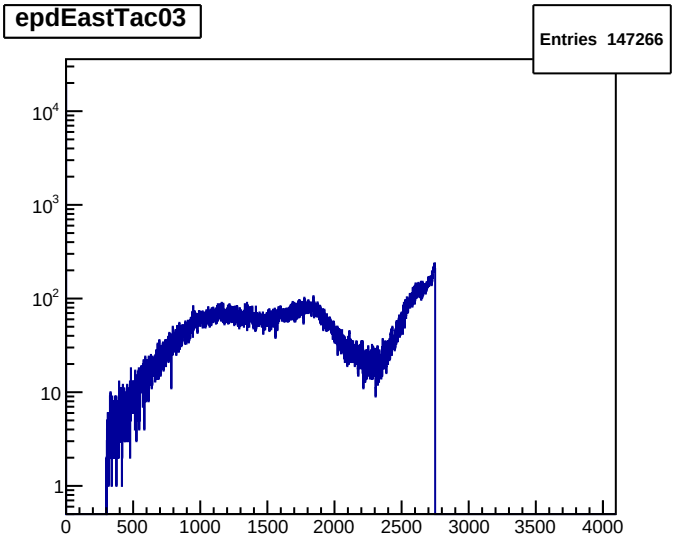

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

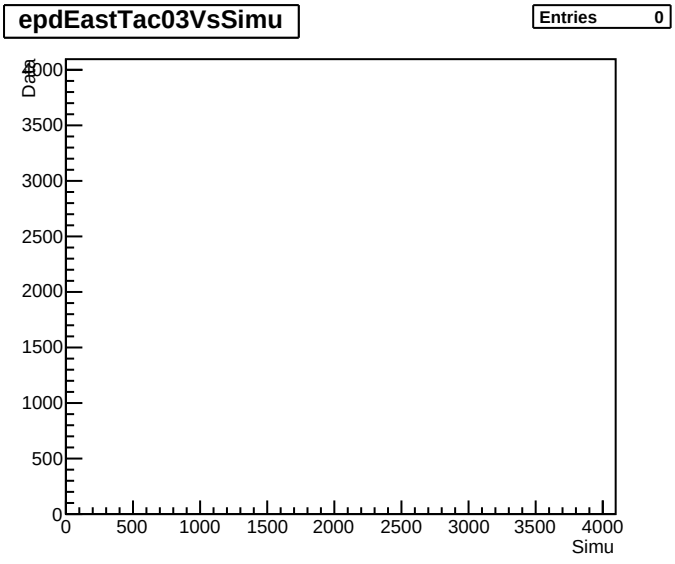

epdWestTacMax
Entries 1178128
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1178128
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 147266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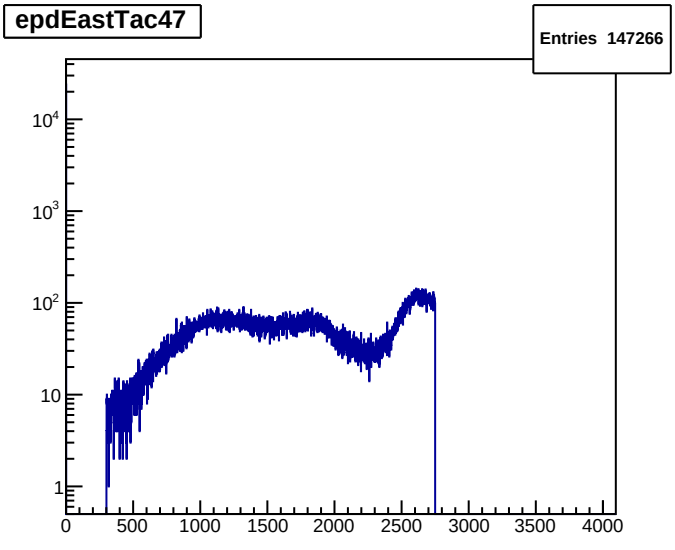
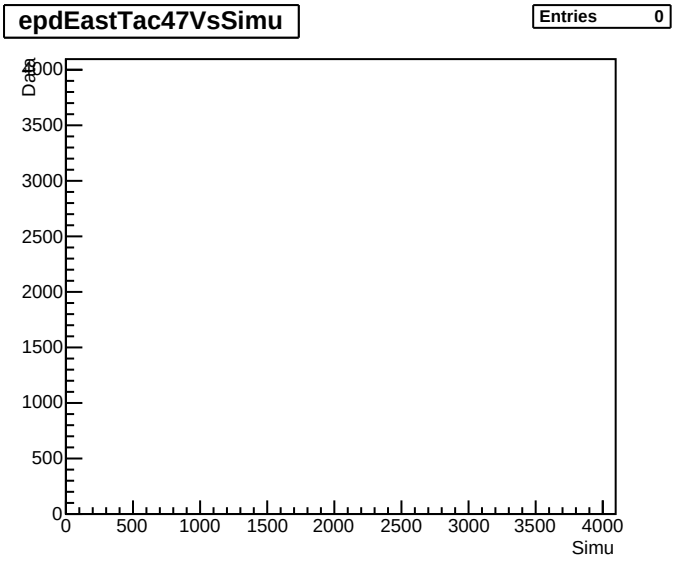
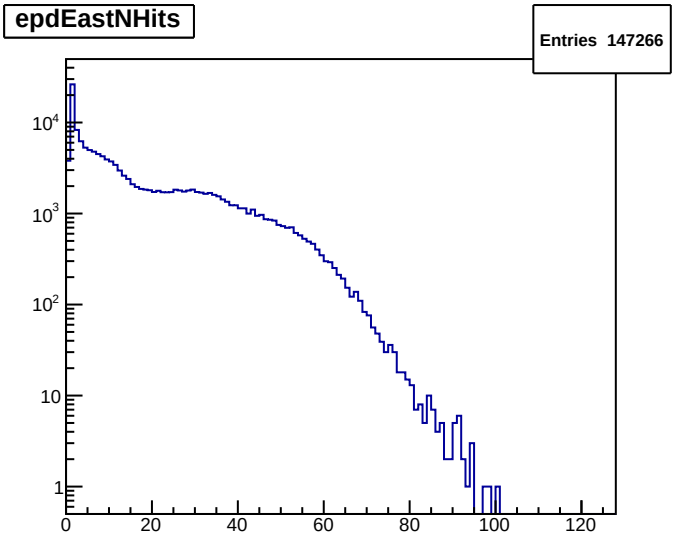
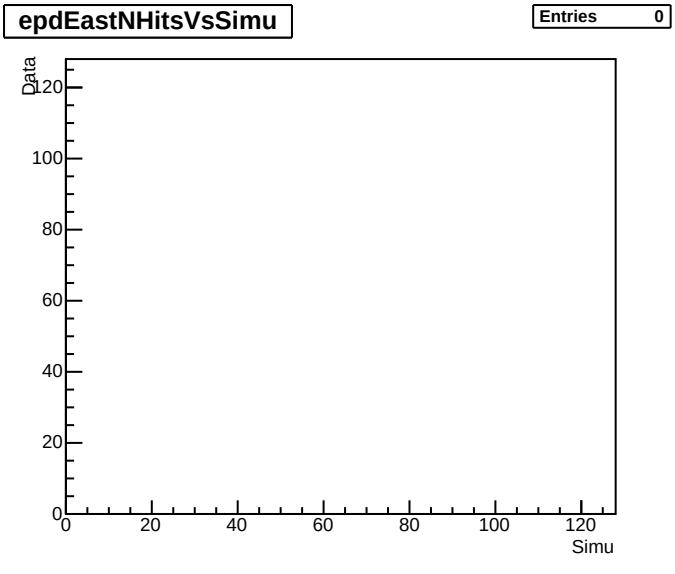
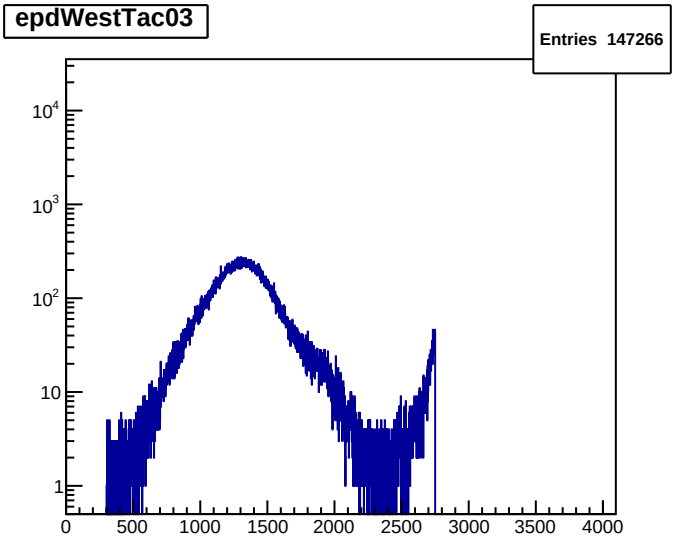
Entries 0
Data
Simu

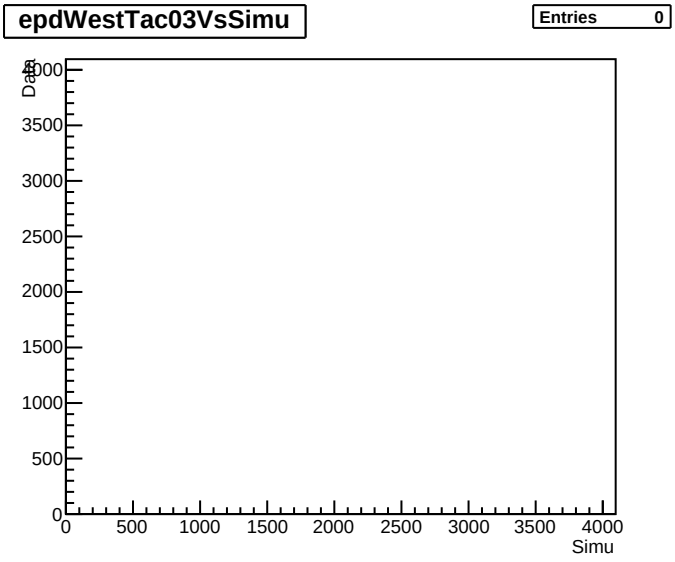

epdEastTac47
Entries 147266

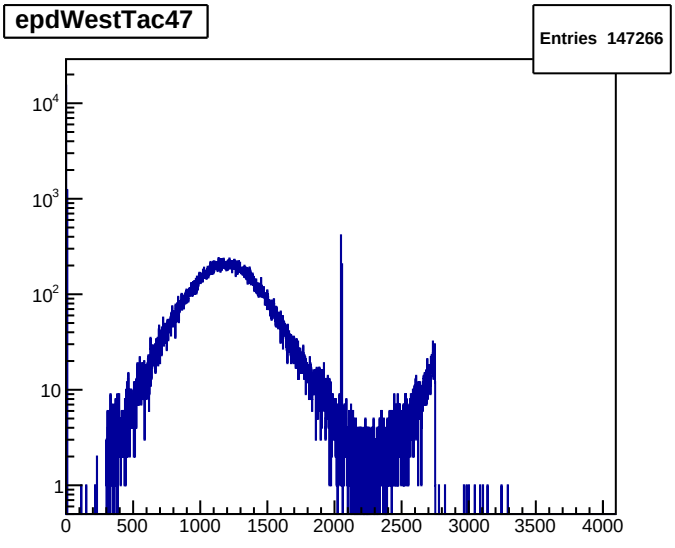

epdEastTac47VsSimu
Entries 0
Data
Simu

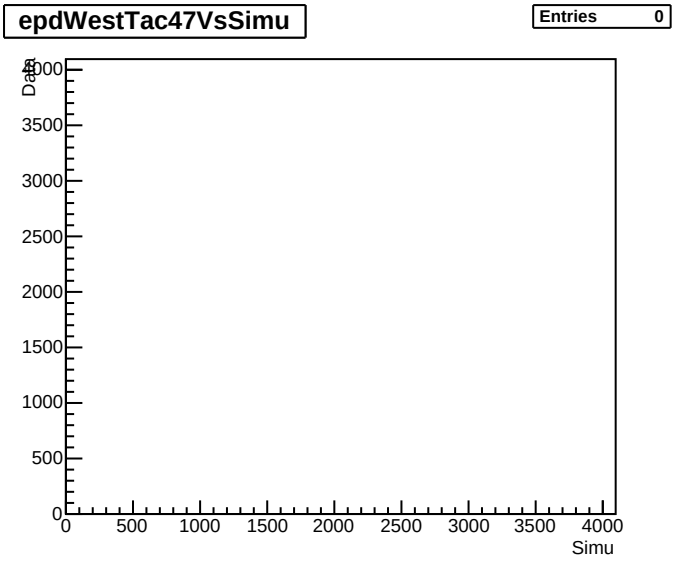

epdEastNHits
Entries 147266

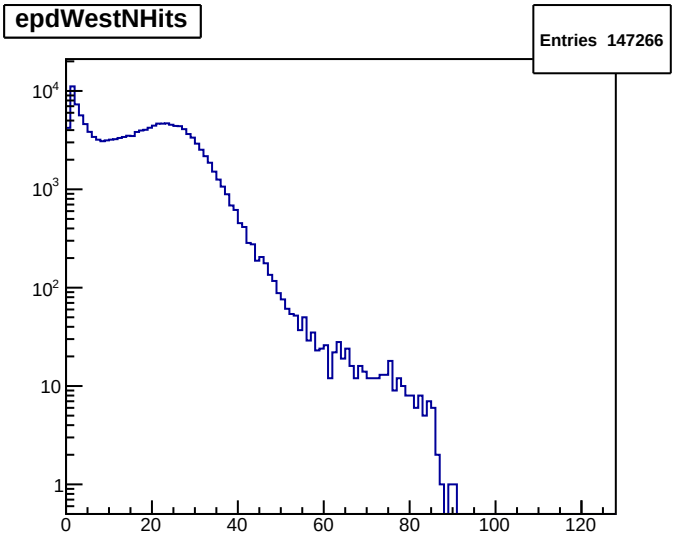

epdEastNHitsVsSimu
Entries 0
Data
Simu

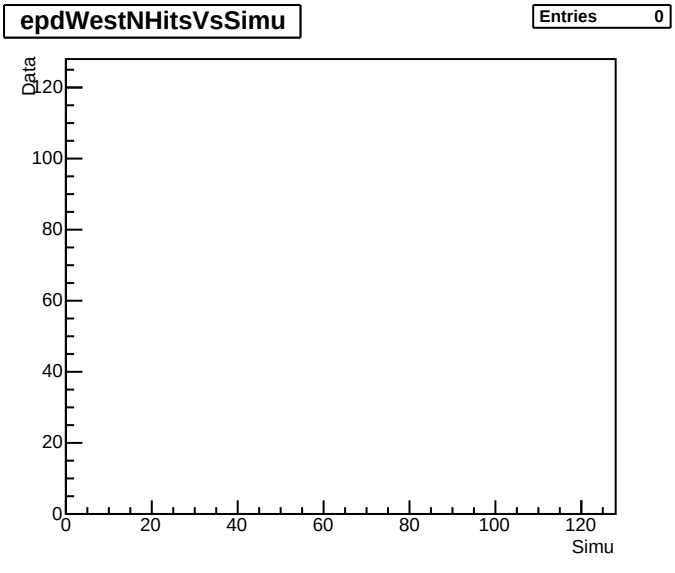

epdWestTac03
Entries 147266

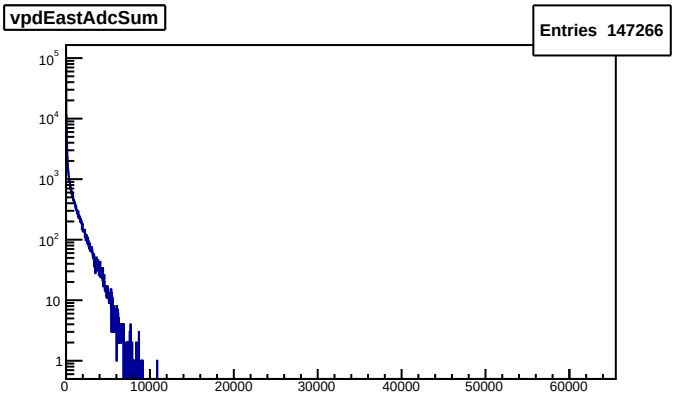

epdWestTac03VsSimu
Entries 0
Data
Simu

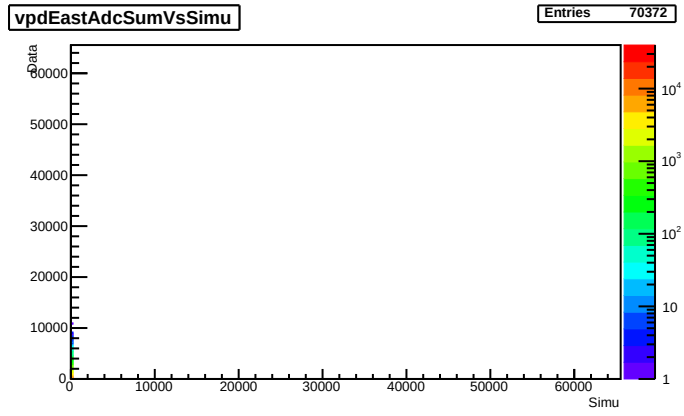

epdWestTac47
Entries 147266

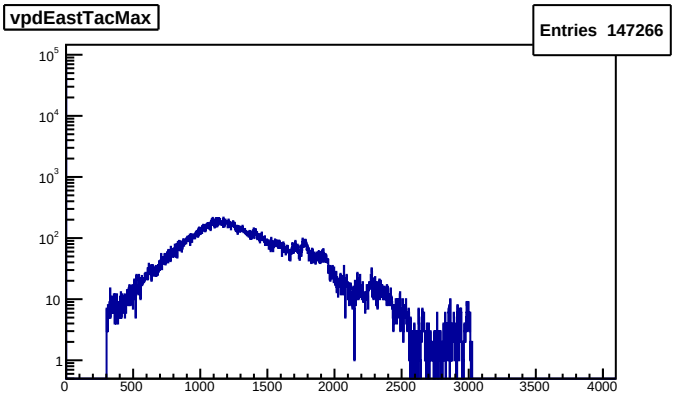

epdWestTac47VsSimu
Entries 0
Data
Simu

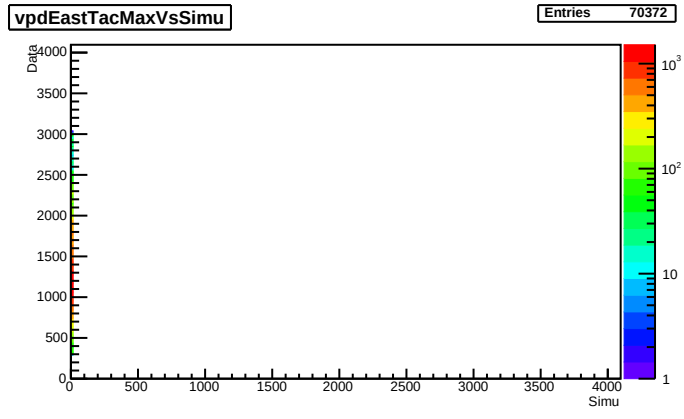

epdWestNHits
Entries 147266

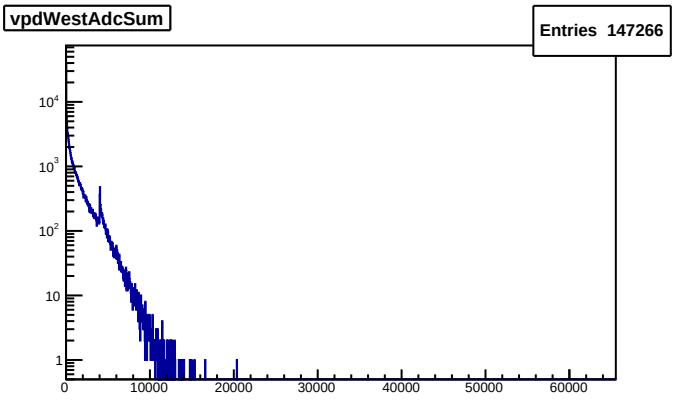

epdWestNHitsVsSimu
Entries 0
Data
Simu

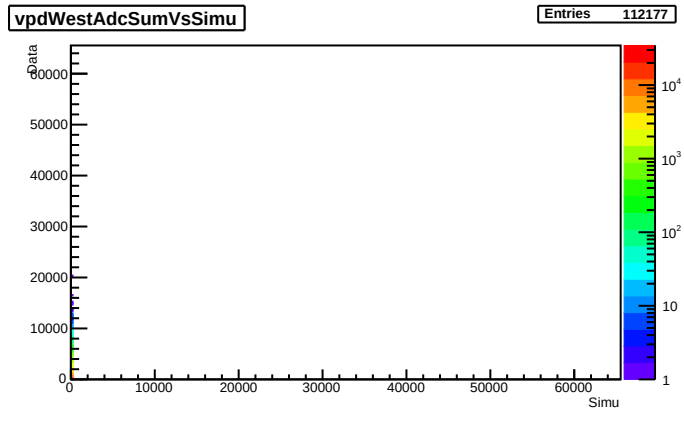

vpdEastAdcSum
Entries 147266

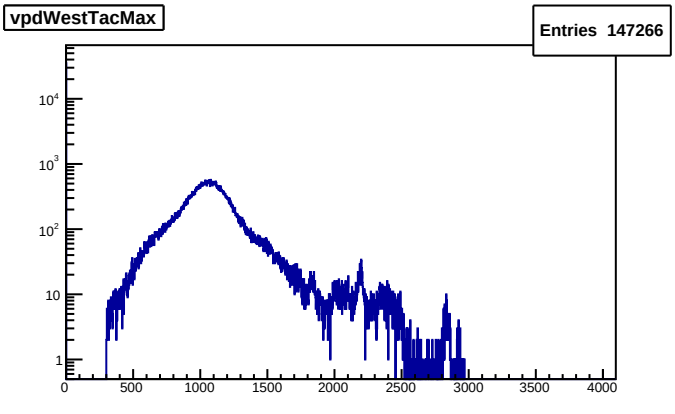

vpdEastAdcSumVsSimu
Entries 70372
Data
Simu

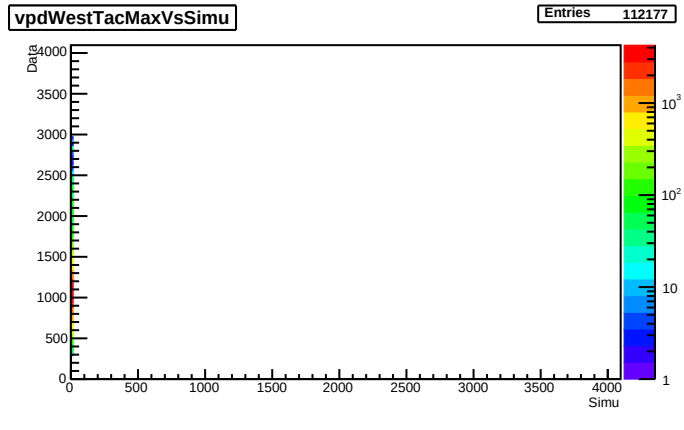

vpdEastTacMax
Entries 147266

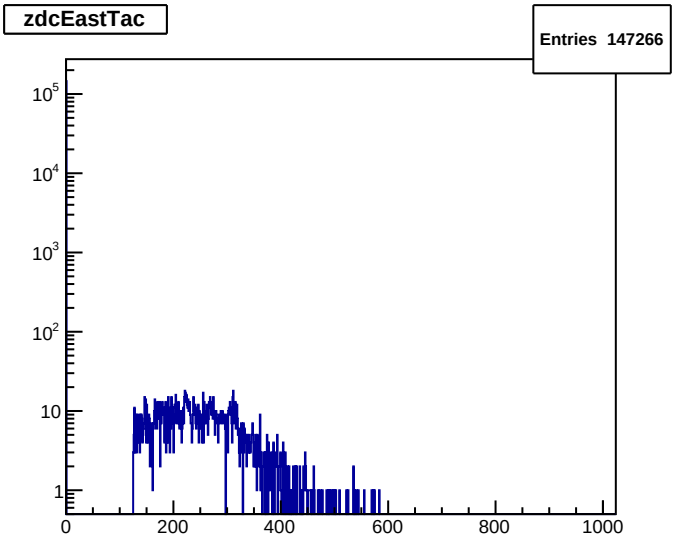

vpdEastTacMaxVsSimu
Entries 70372
Data
Simu

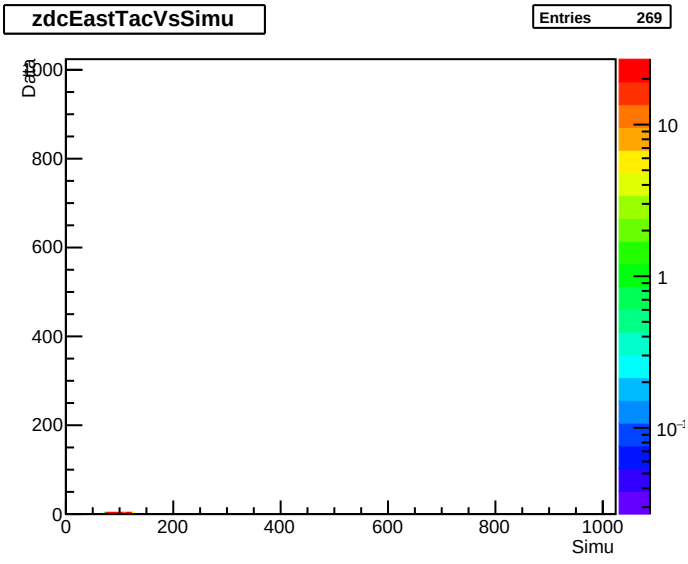

vpdWestAdcSum
Entries 147266

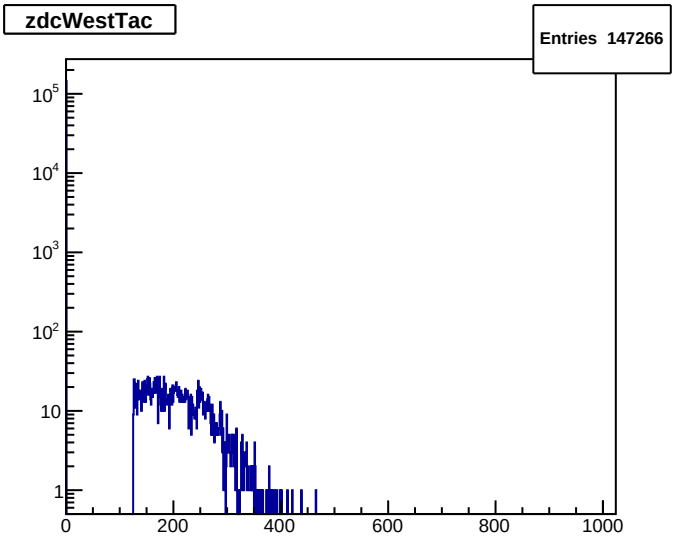

vpdWestAdcSumVsSimu
Entries 112177
Data
Simu

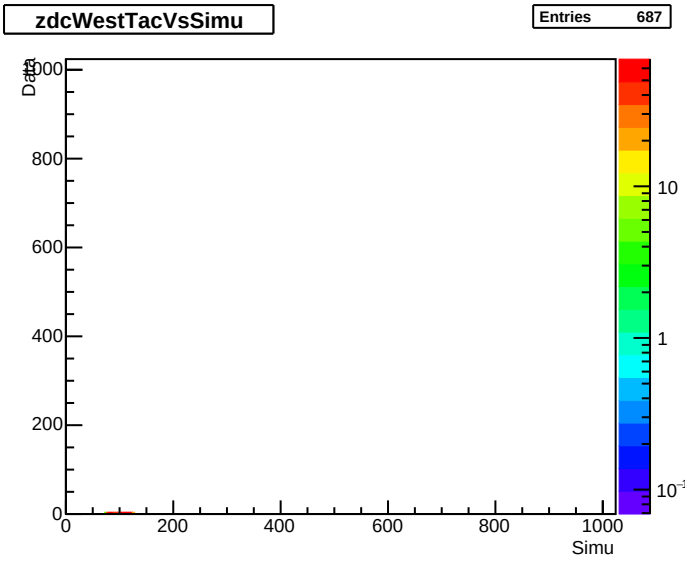

vpdWestTacMax
Entries 147266

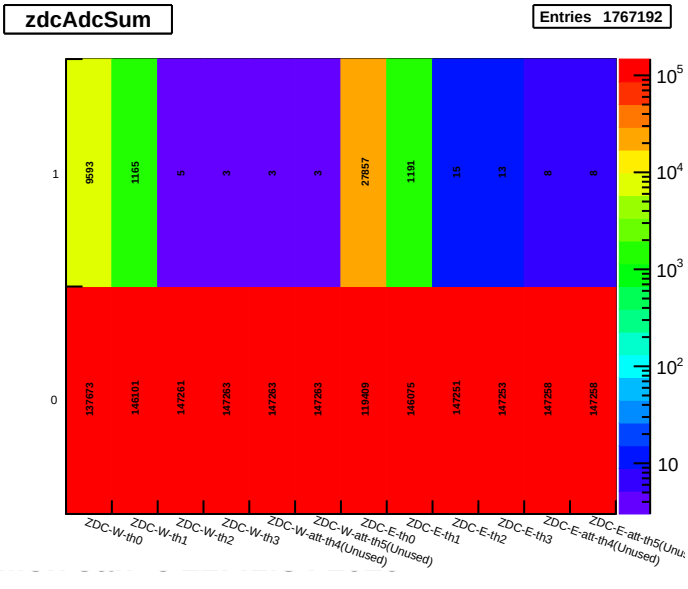

vpdWestTacMaxVsSimu
Entries 112177
Data
Simu

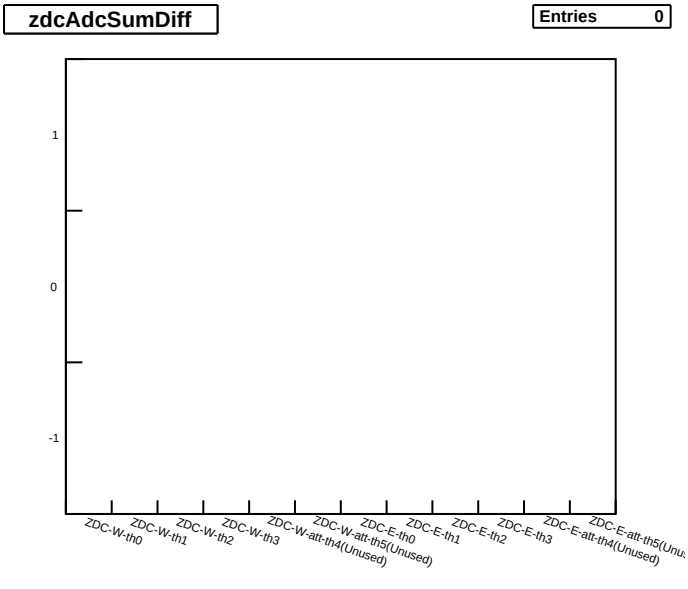

zdcEastTac
Entries 147266

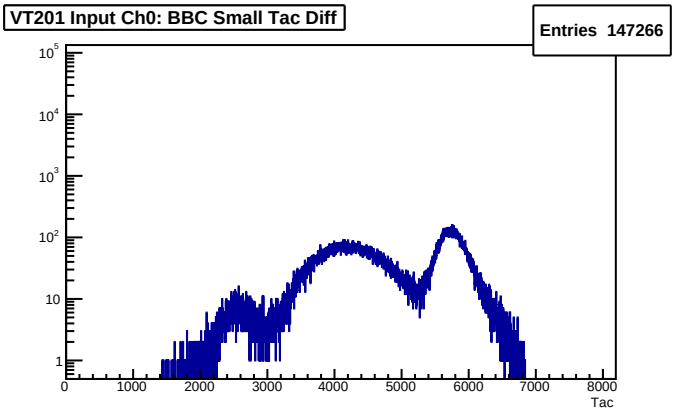

zdcEastTacVsSimu
Entries 269
Data
Simu

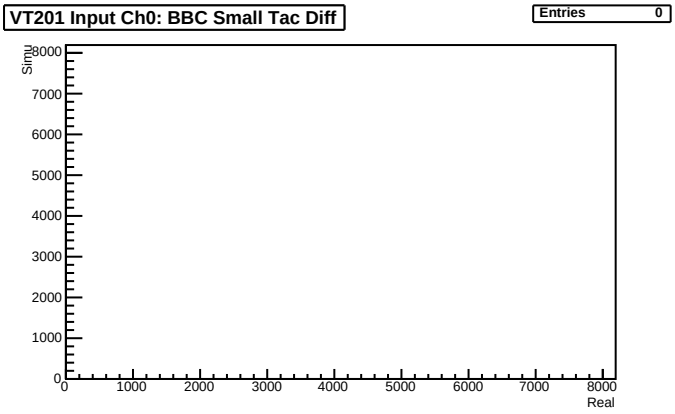

zdcWestTac
Entries 147266

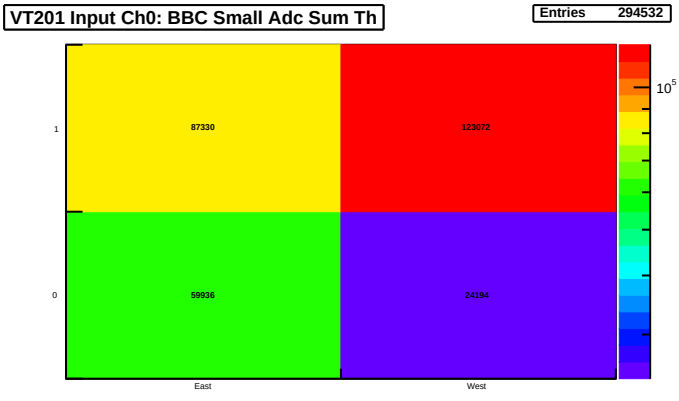

zdcWestTacVsSimu
Entries 687
Data
Simu

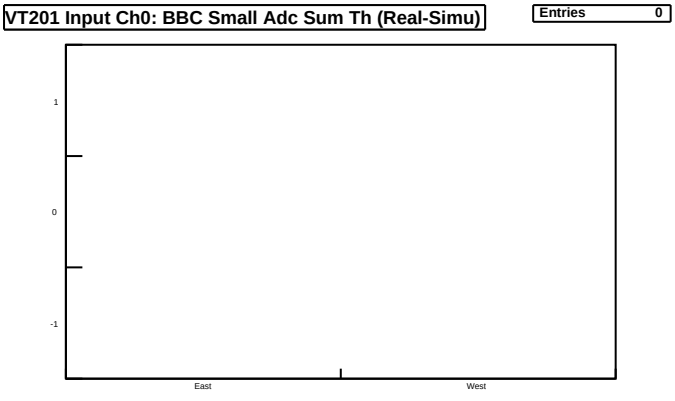

zdcAdcSum
Entries 1767192
9593
1165
5
3
3
3
27857
1191
15
13
8
8
137673
146101
147261
147263
147263
147263
119409
146075
147251
147253
147258
147258
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

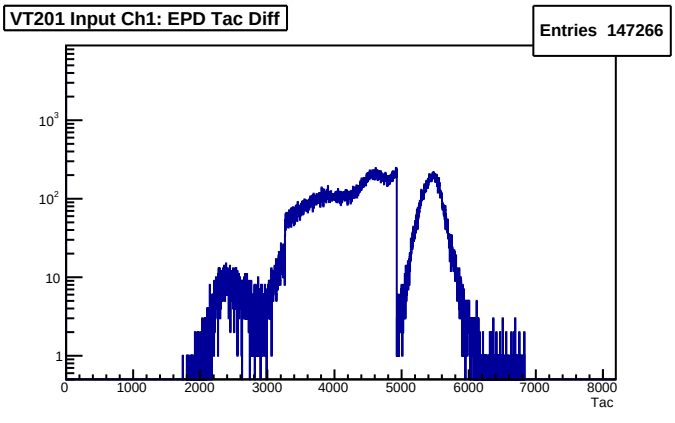

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

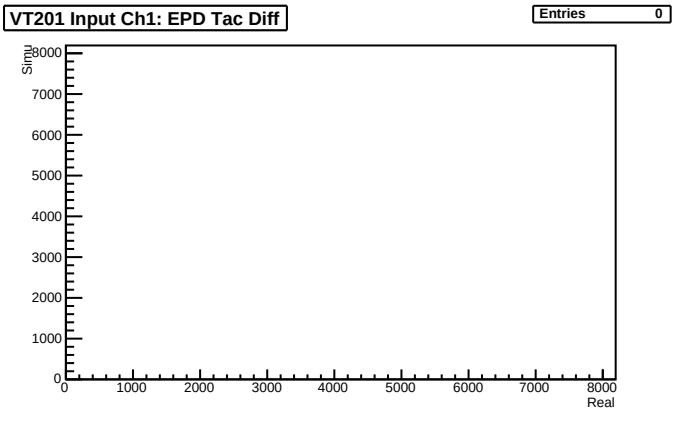

VT201 Input Ch0: BBC Small Tac Diff
Entries 147266
Tac

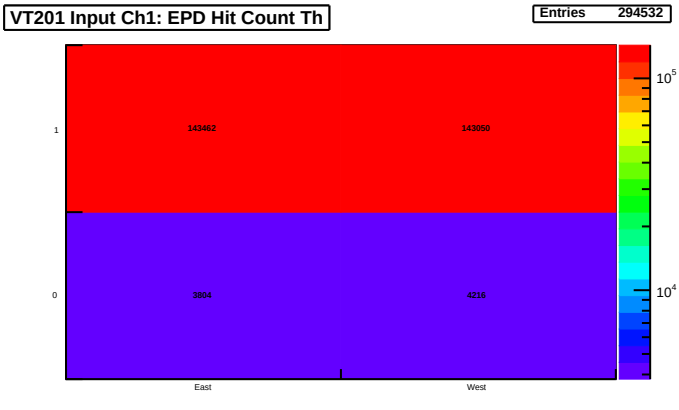

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

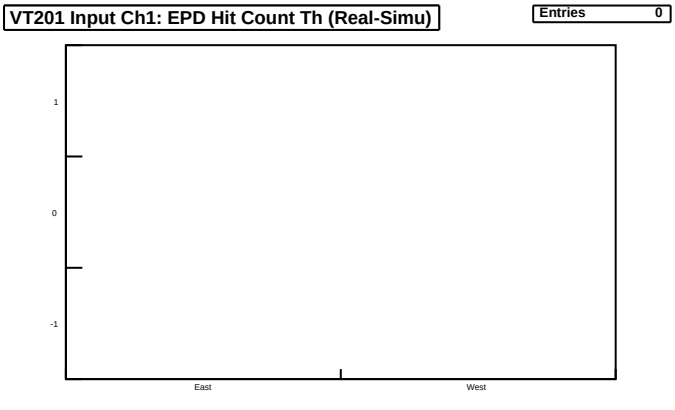

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 294532
87330
123072
59936
24194
East
West

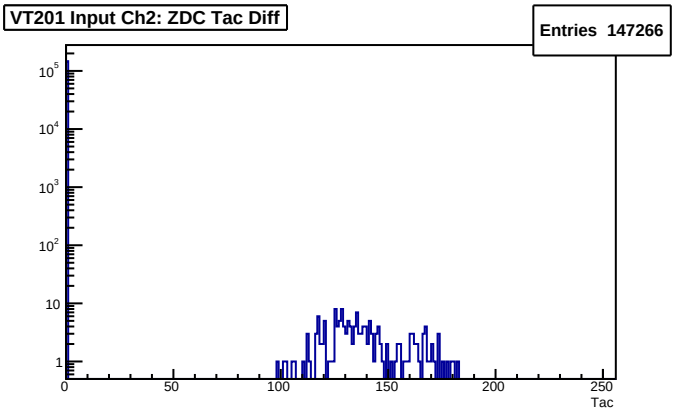

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

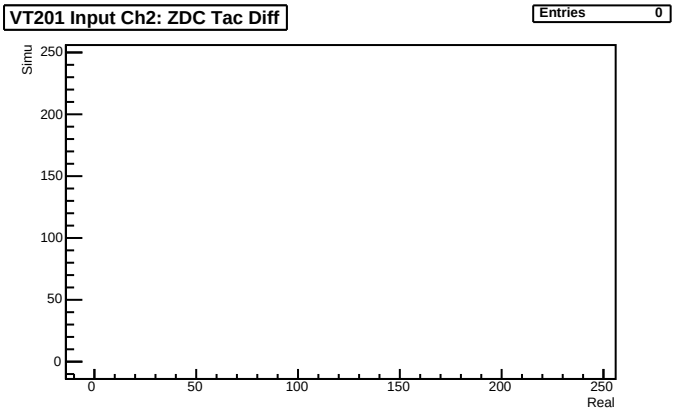

VT201 Input Ch1: EPD Tac Diff
Entries 147266
Tac

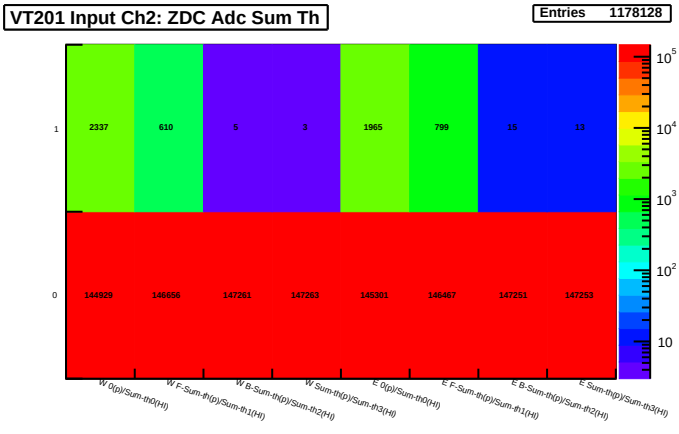

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

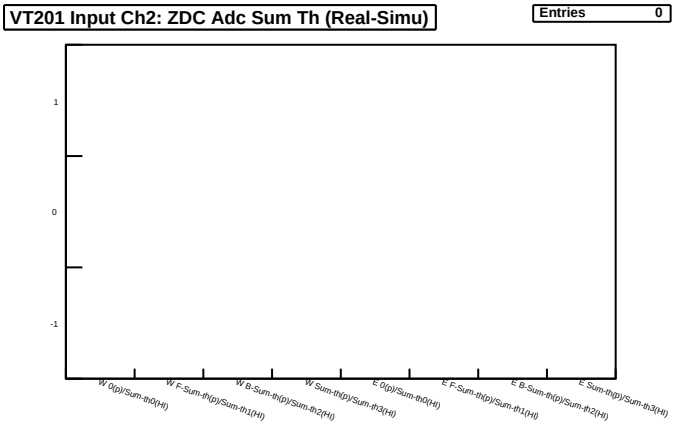

VT201 Input Ch1: EPD Hit Count Th
Entries 294532
143462
143050
3804
4216
East
West

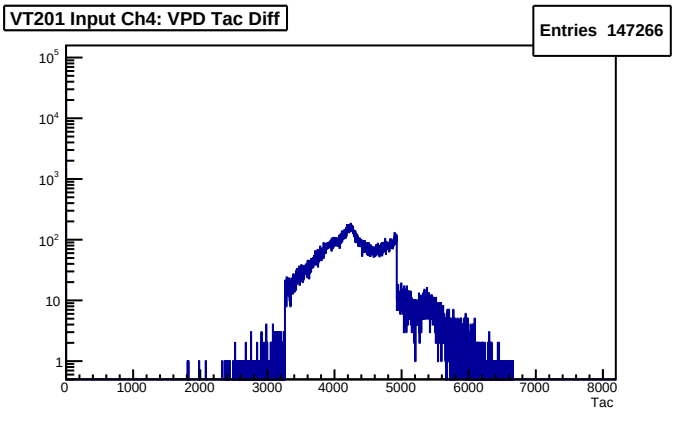

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

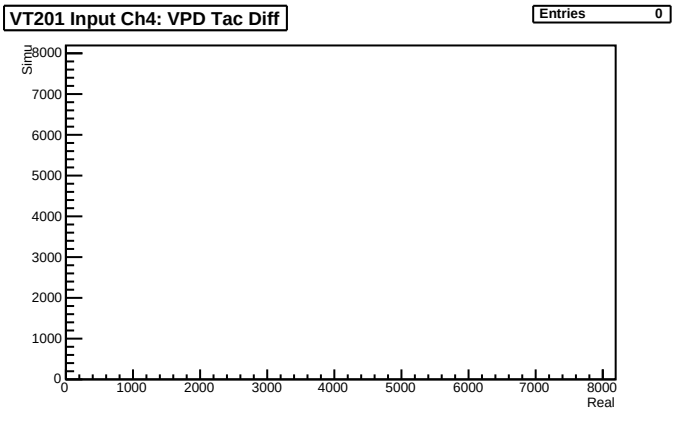

VT201 Input Ch2: ZDC Tac Diff
Entries 147266
Tac

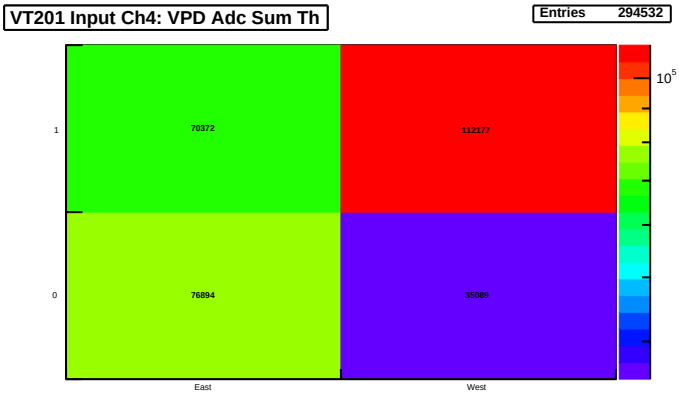

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

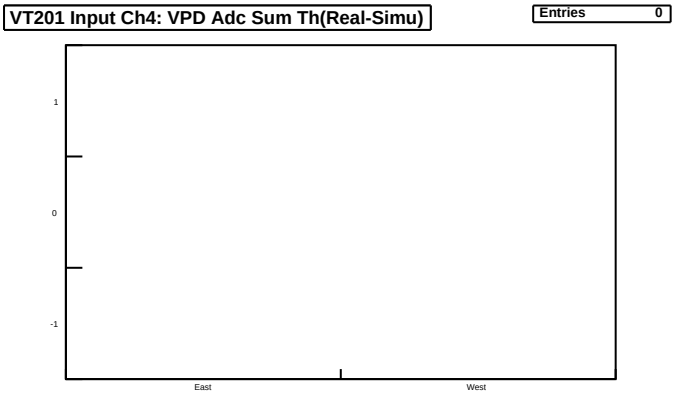

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1178128
2337
610
5
3
1965
799
15
13
144929
146656
147261
147263
145301
146467
147251
147253
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

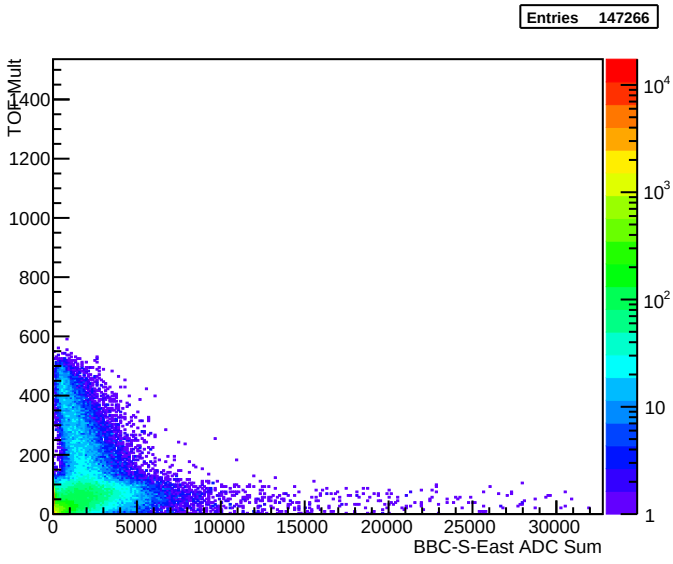

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

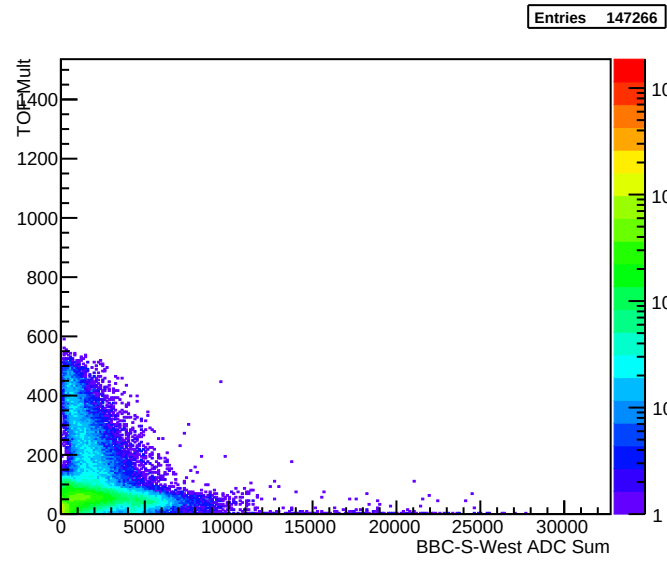

VT201 Input Ch4: VPD Tac Diff
Entries 147266
Tac

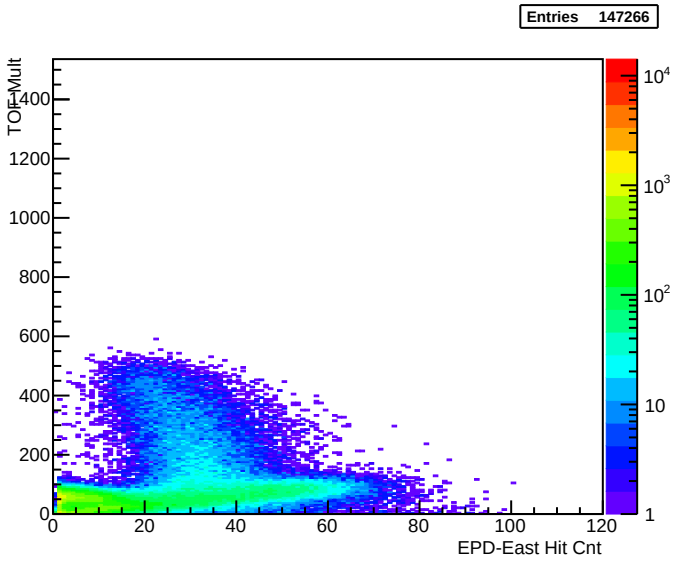

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

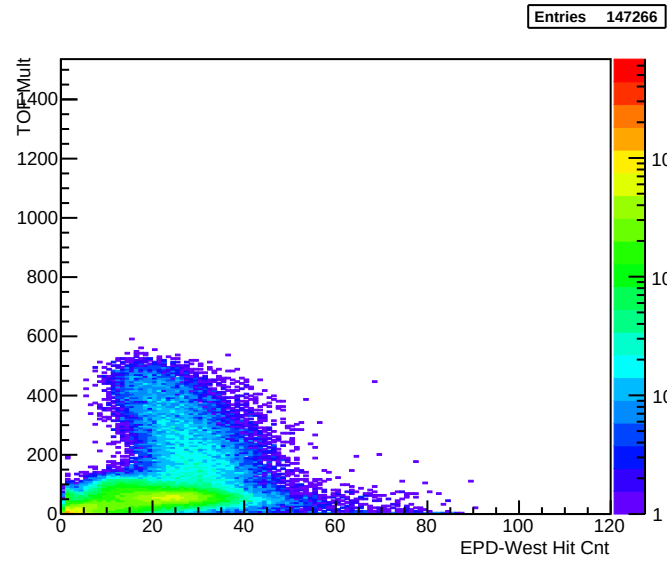

VT201 Input Ch4: VPD Adc Sum Th
Entries 294532
70372
112177
76894
35089
East
West

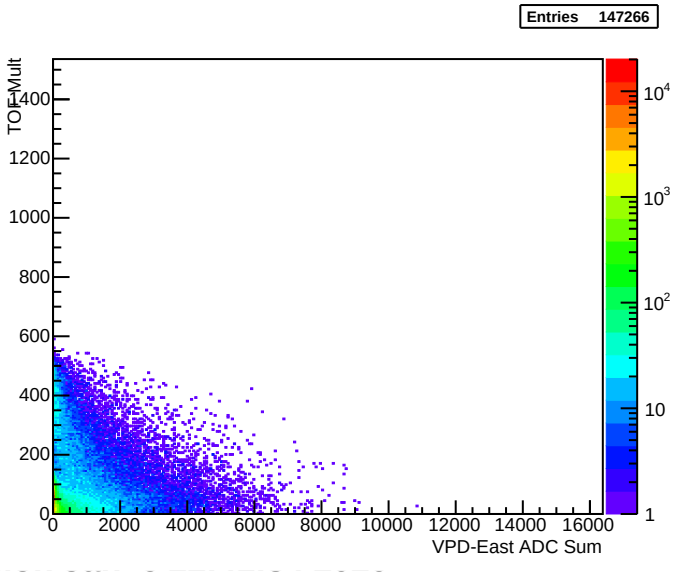

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

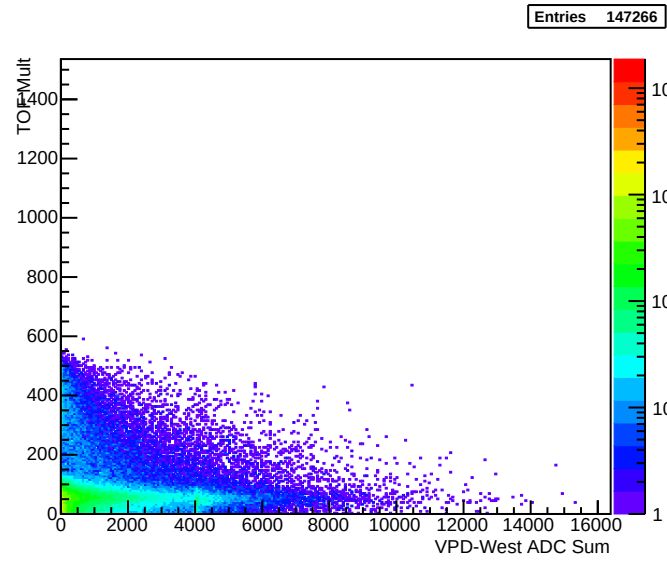

Entries 147266
TOF-Mult
BBC-S-East ADC Sum

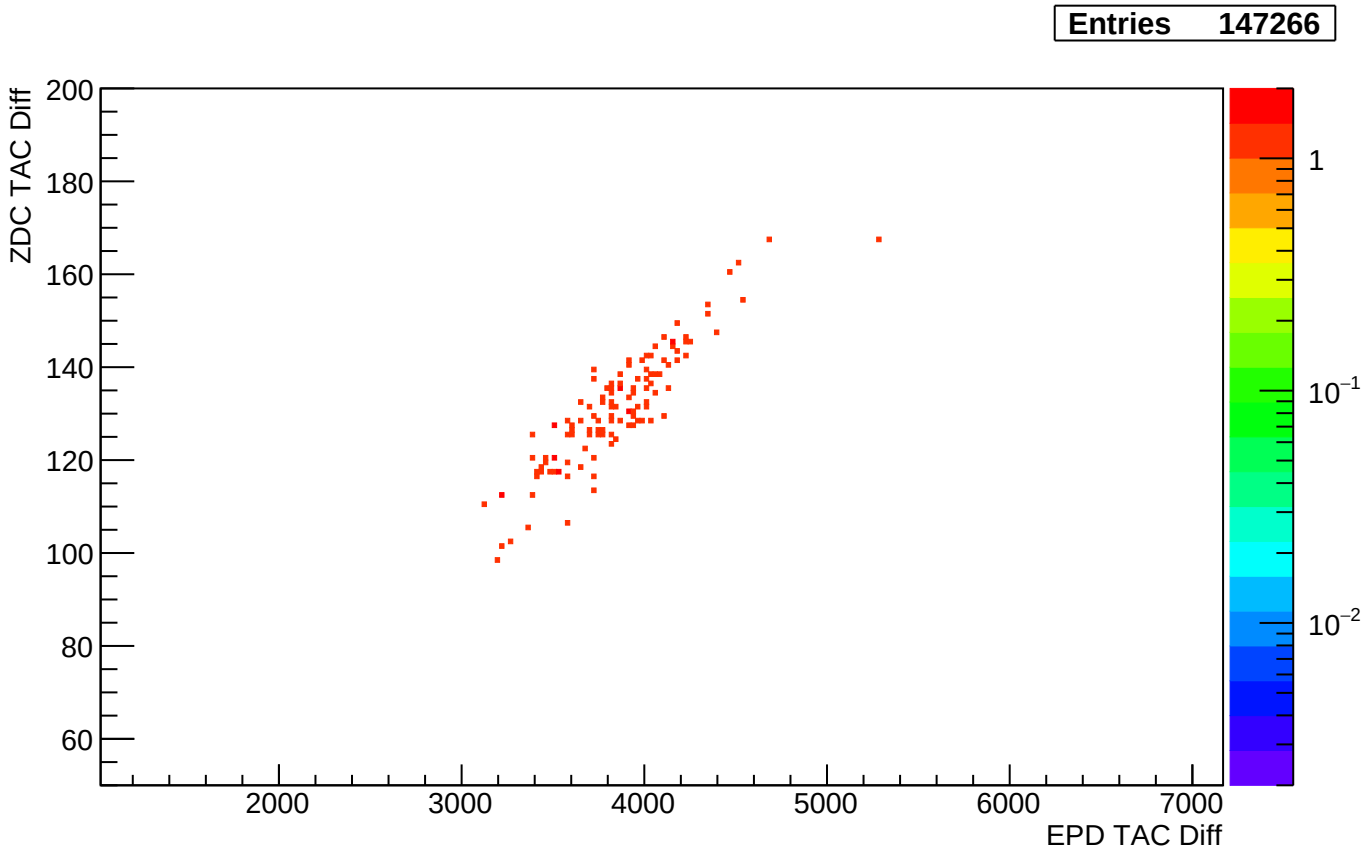

Entries 147266
TOF-Mult
BBC-S-West ADC Sum

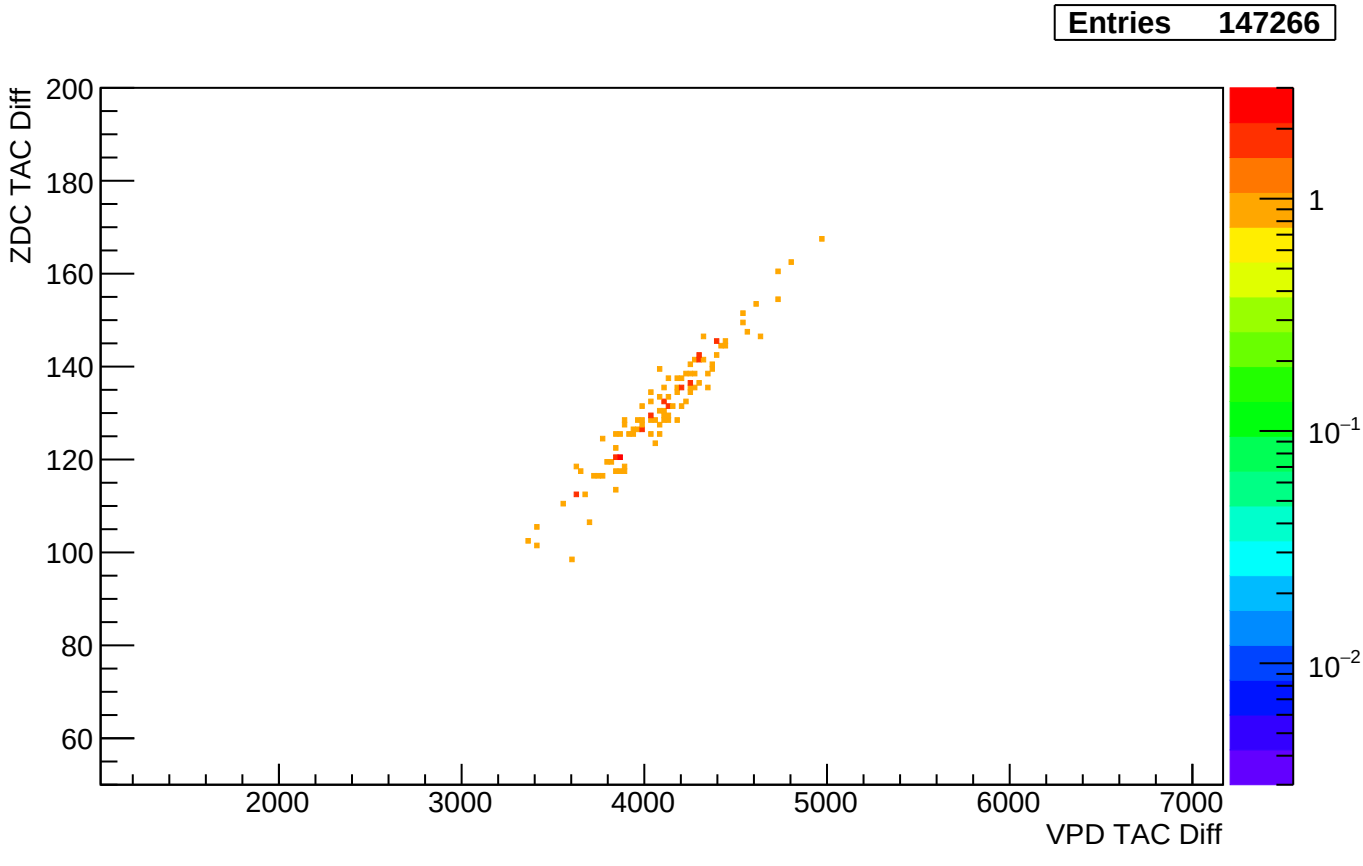

Entries 147266
TOF-Mult
EPD-East Hit Cnt

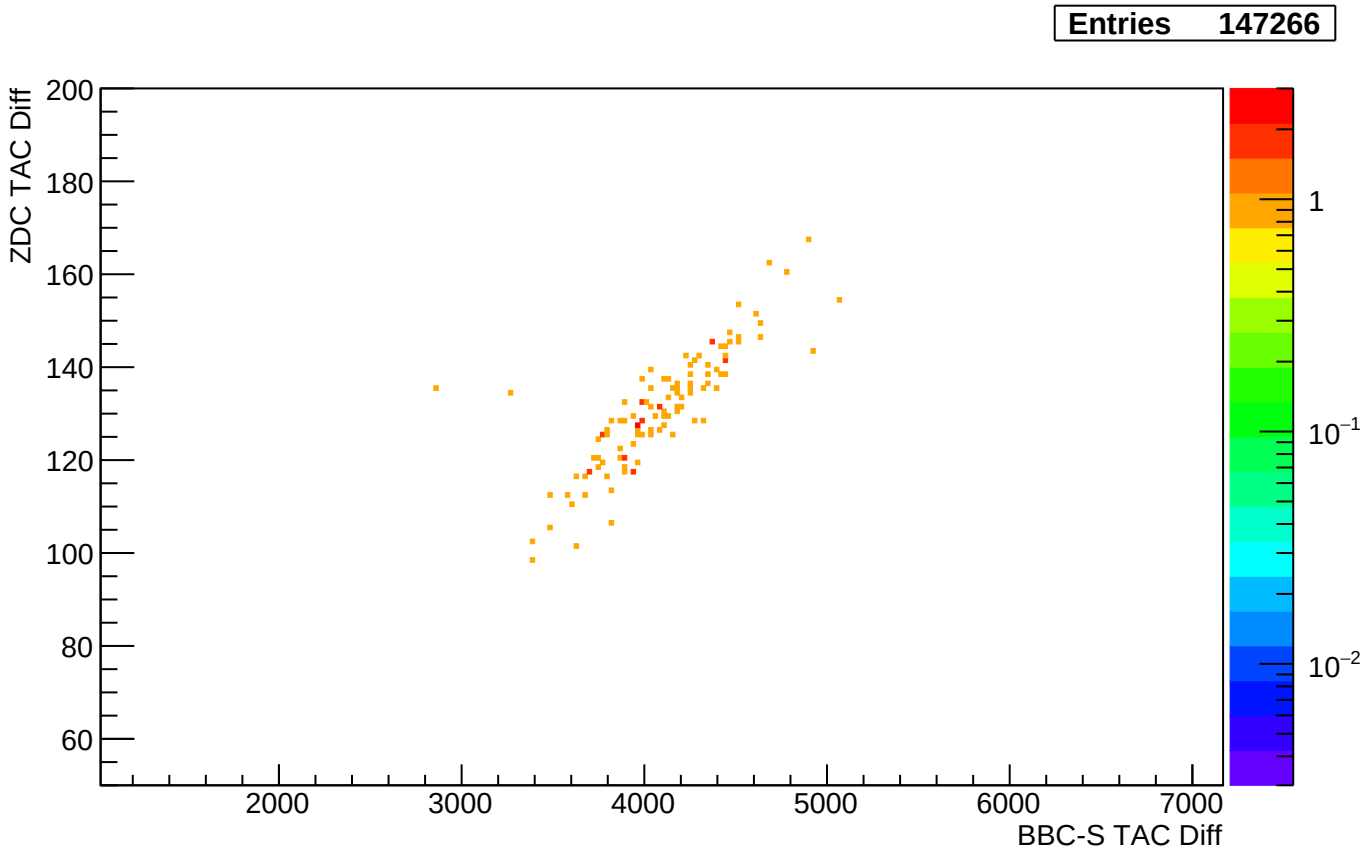

Entries 147266
TOF-Mult
EPD-West Hit Cnt

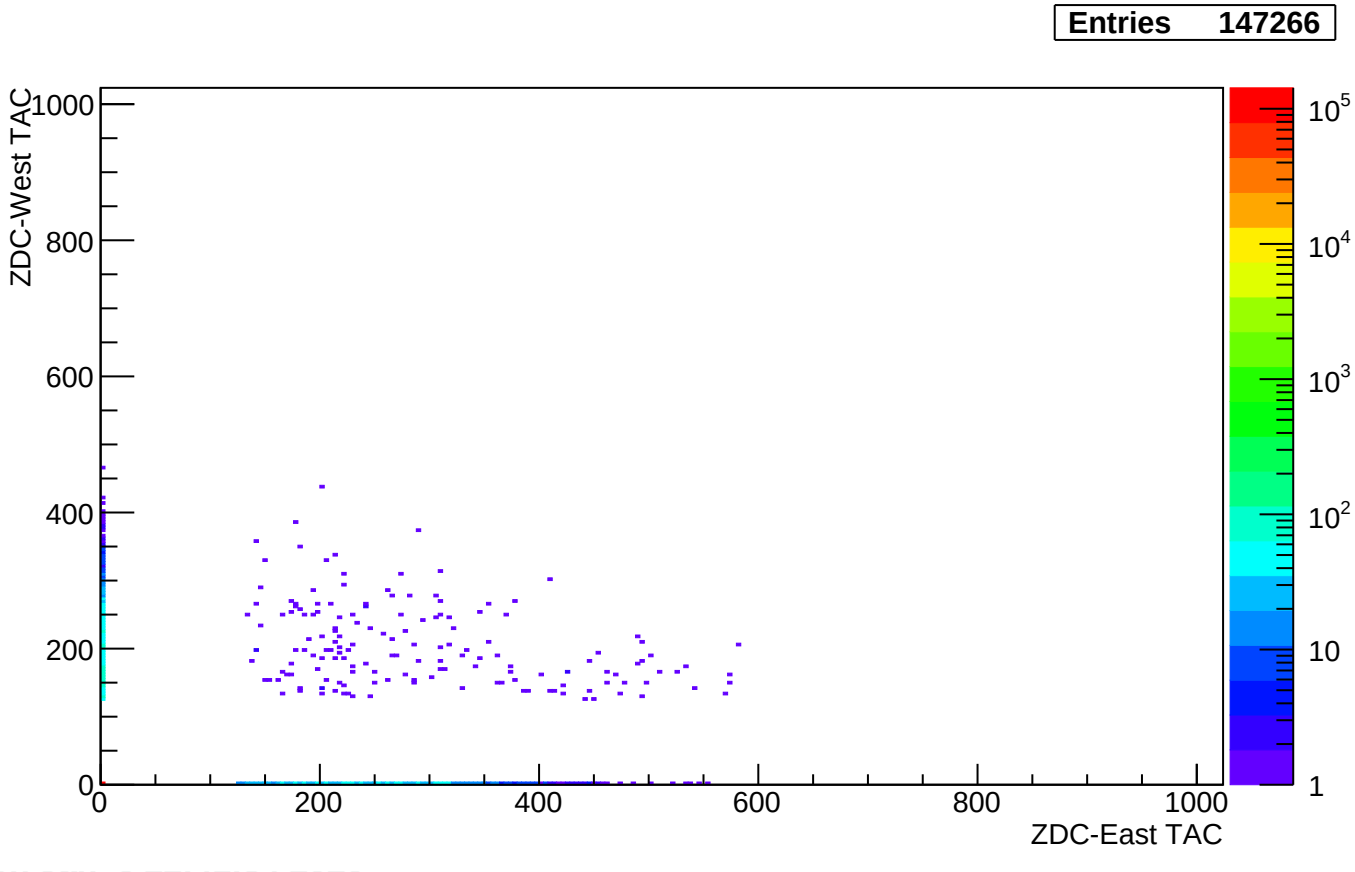

Entries 147266
TOF-Mult
VPD-East ADC Sum

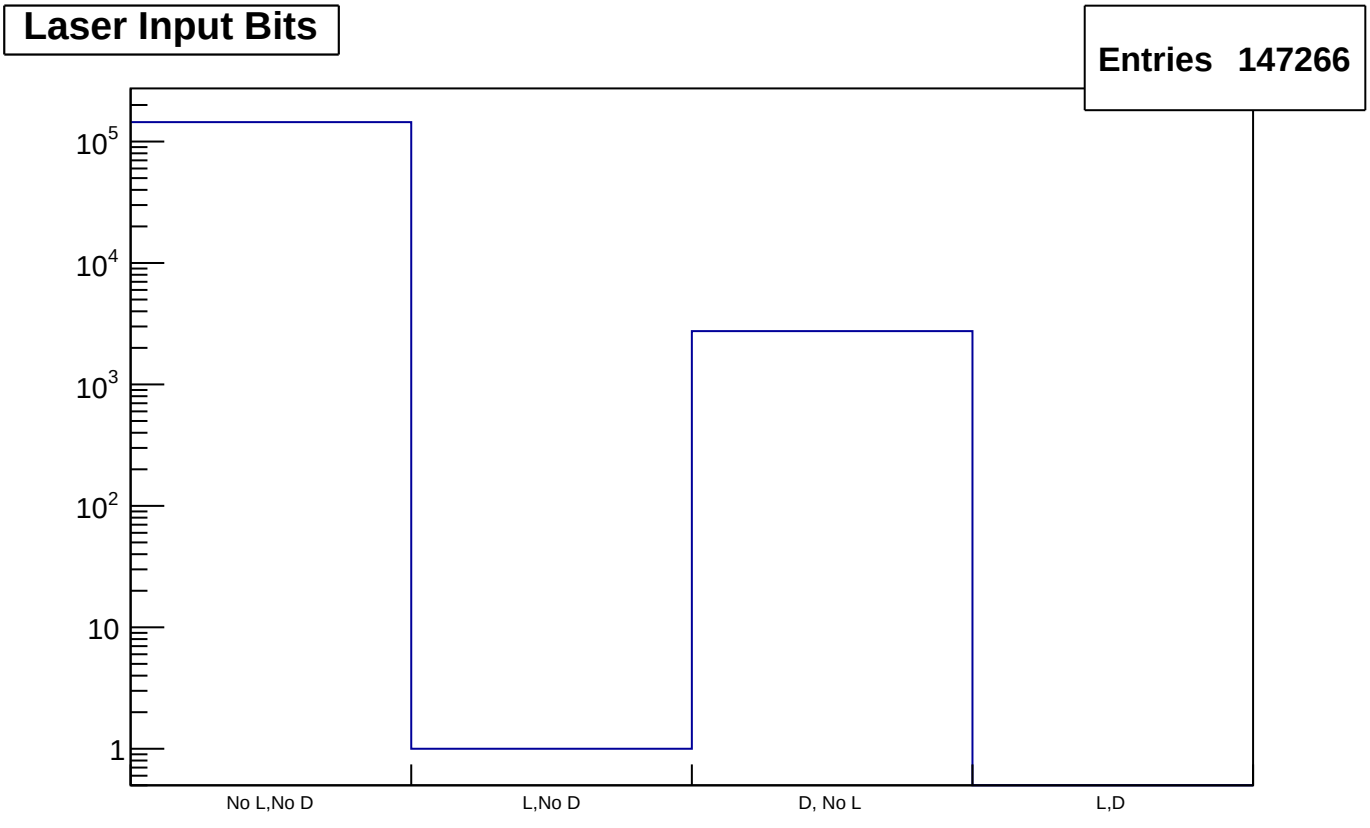

Entries 147266
TOF-Mult
VPD-West ADC Sum

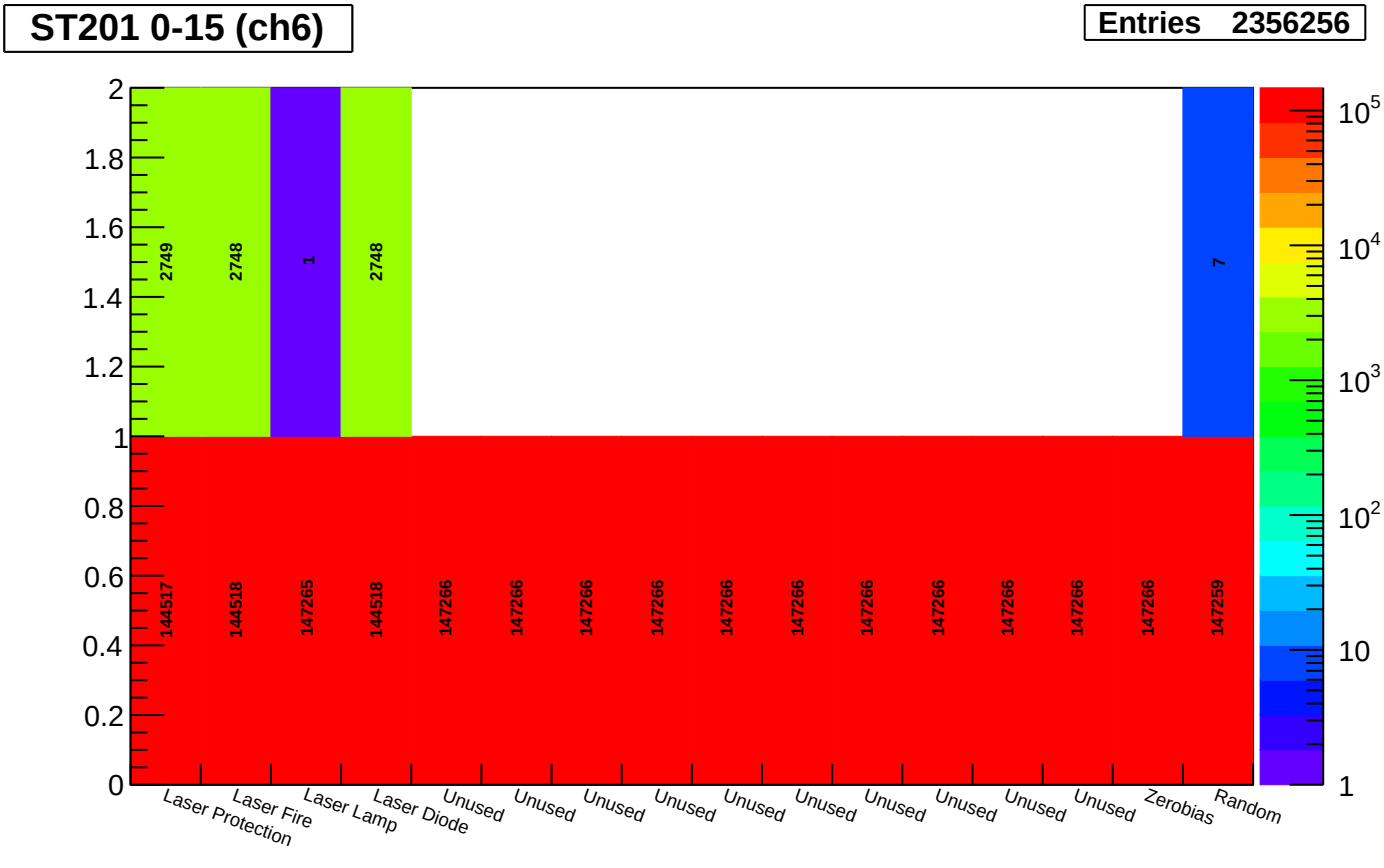

Entries 147266
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

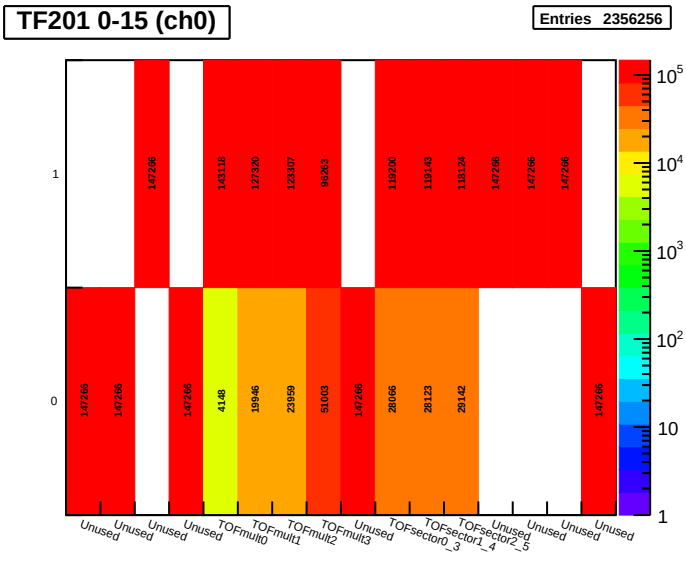

Entries 147266
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

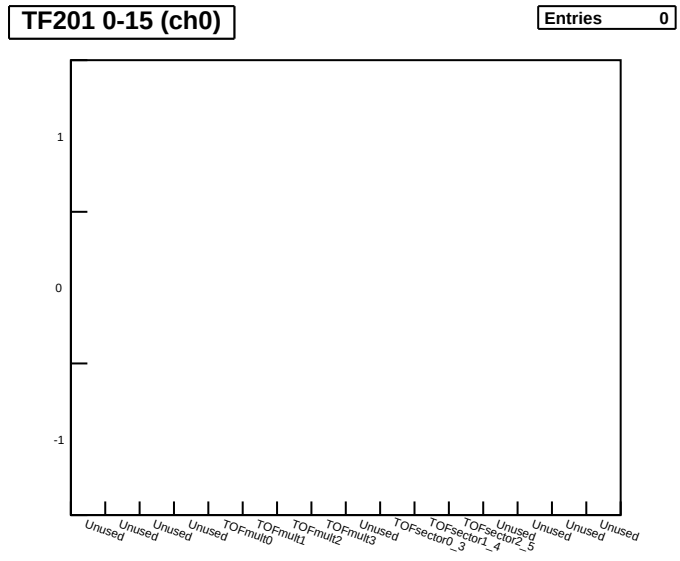

Entries 147266
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

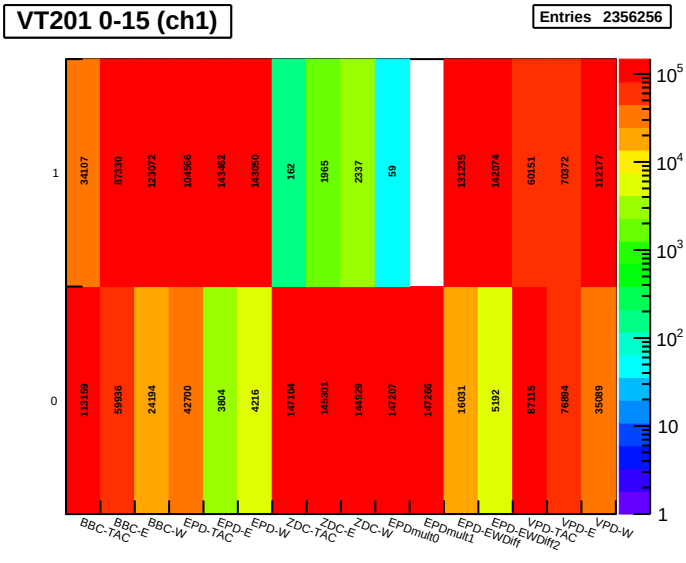

Entries 147266
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

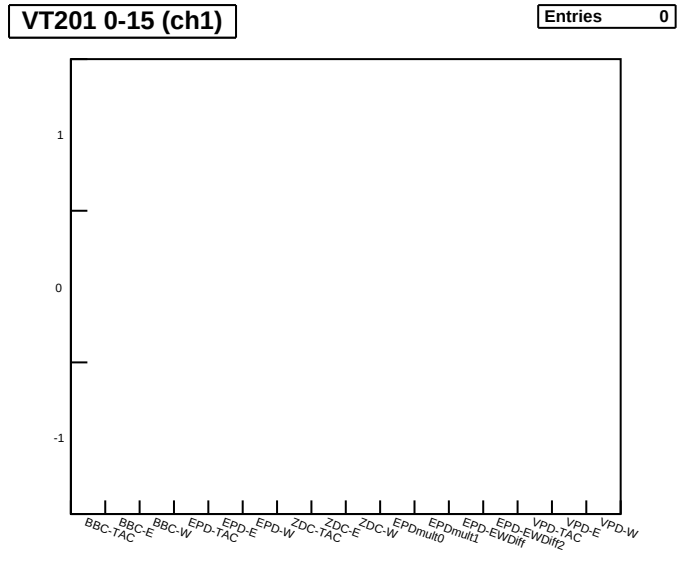

Laser Input Bits
Entries 147266
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

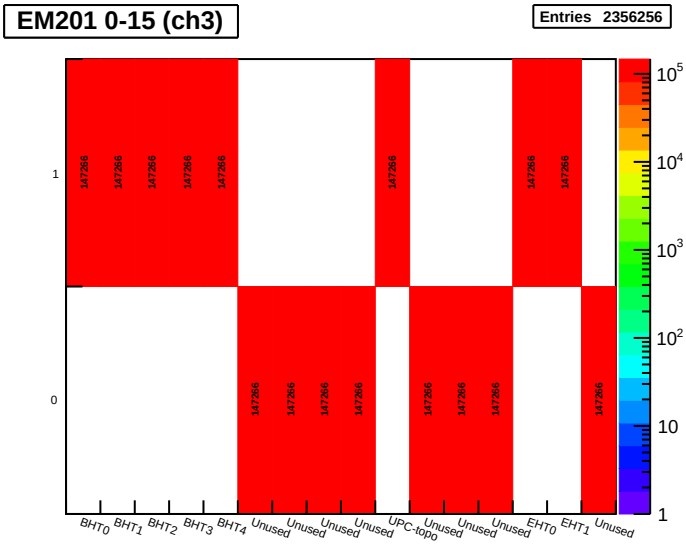

ST201 0-15 (ch6)
Entries 2356256
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2749
2748
1
2748
7
144517
144518
147265
144518
147266
147266
147266
147266
147266
147266
147266
147266
147266
147266
147266
147259
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

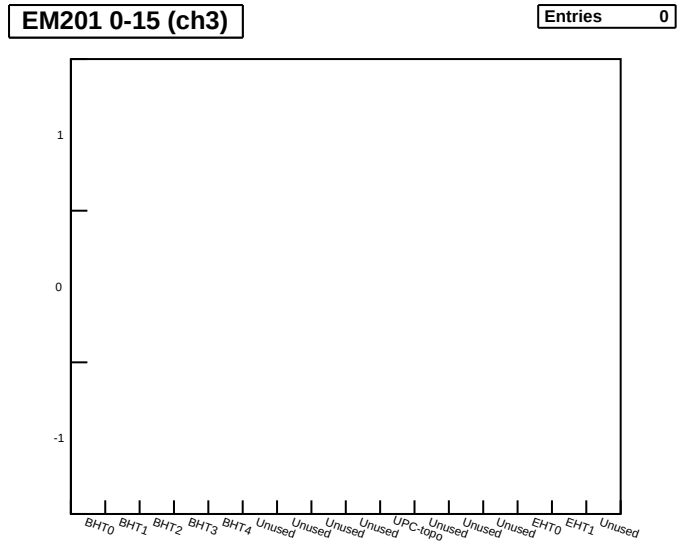

TF201 0-15 (ch0)
Entries 2356256
147266 143118 127320 123307 96263 119200 119143 118124 147266 147266 147266
147266 147266 147266 4148 19946 23959 51003 147266 29066 29123 29142 147266
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


TF201 0-15 (ch0)
Entries 0
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused


VT201 0-15 (ch1)
Entries 2356256
34107 87330 123072 104566 143462 143050 162 1965 2337 59 131235 142074 60151 70372 112177
113159 59896 24194 42700 3804 4216 147104 145301 144929 147207 147266 16031 5192 87115 76894 35089
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


VT201 0-15 (ch1)
Entries 0
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 2356256
147266 147266 147266 147266 147266 147266 147266 147266
147266 147266 147266 147266 147266 147266 147266 147266
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused