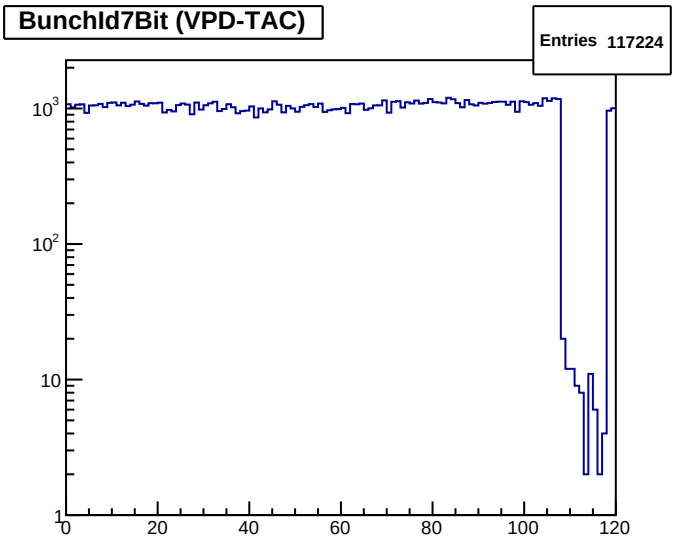
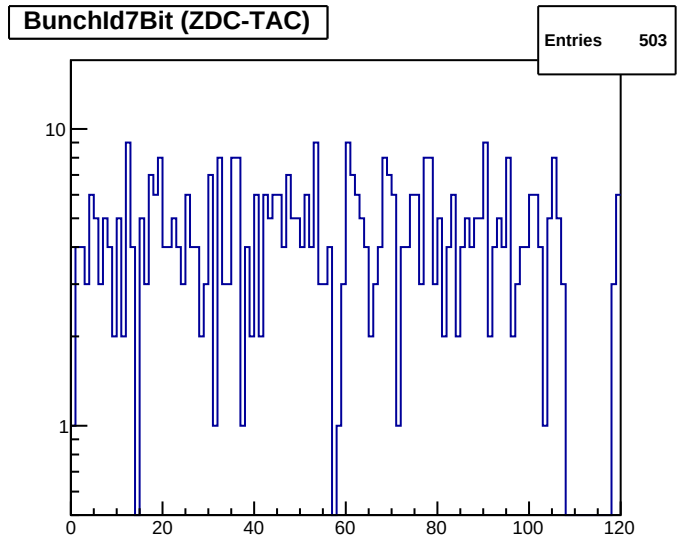
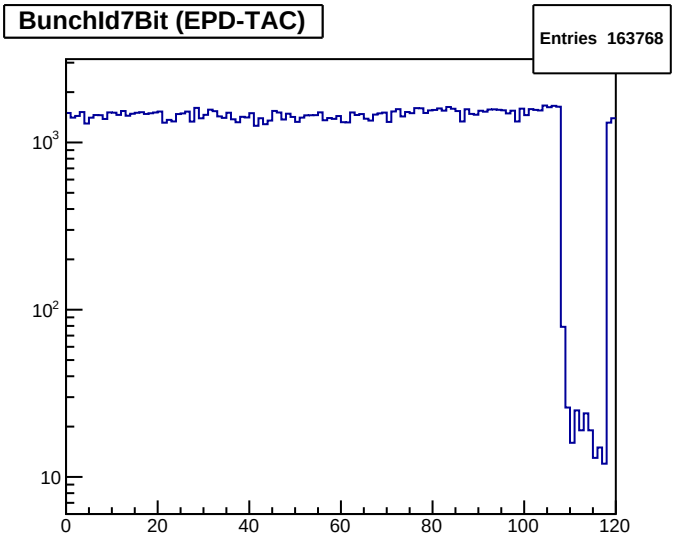
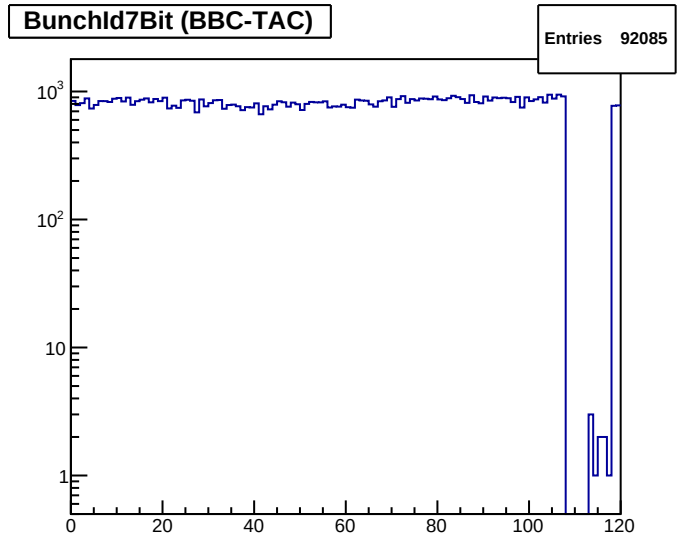
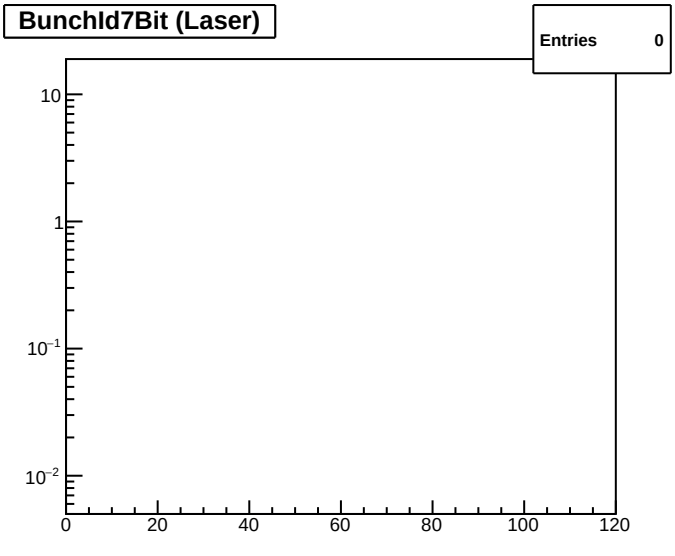
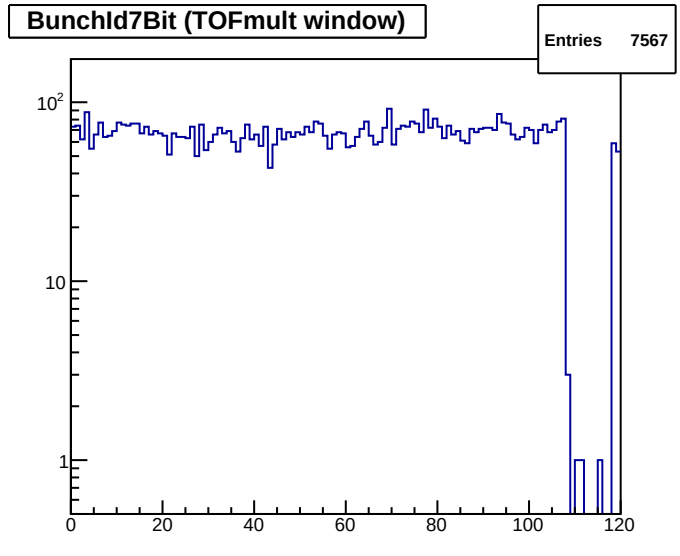

BunchId7Bit (VPD-TAC)
Entries 117224

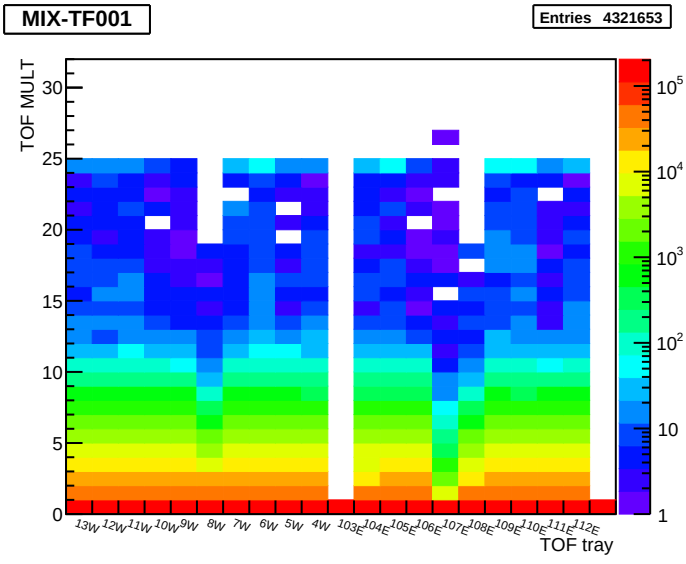

BunchId7Bit (ZDC-TAC)
Entries 503

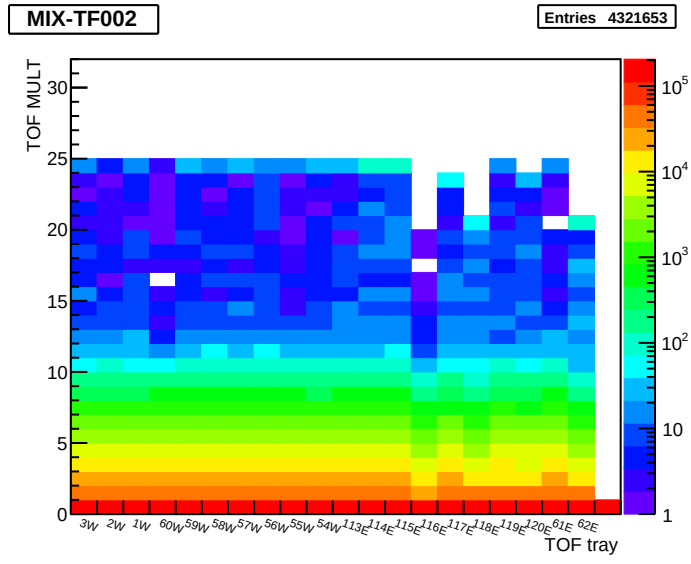

BunchId7Bit (EPD-TAC)
Entries 163768

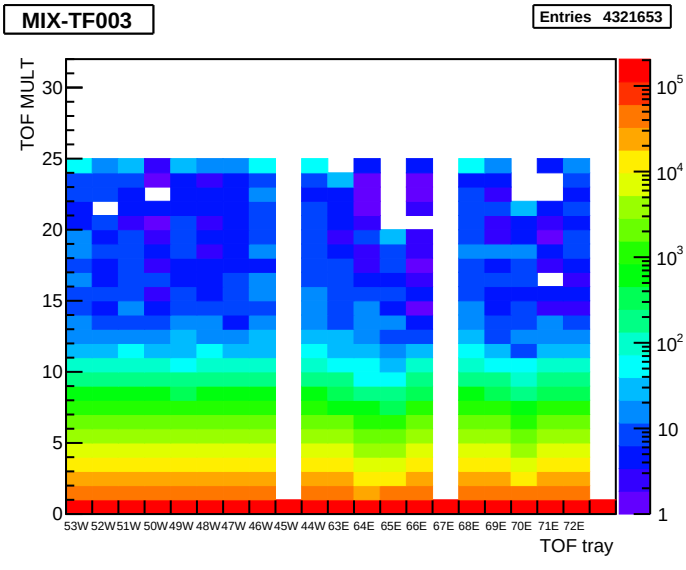

BunchId7Bit (BBC-TAC)
Entries 92085

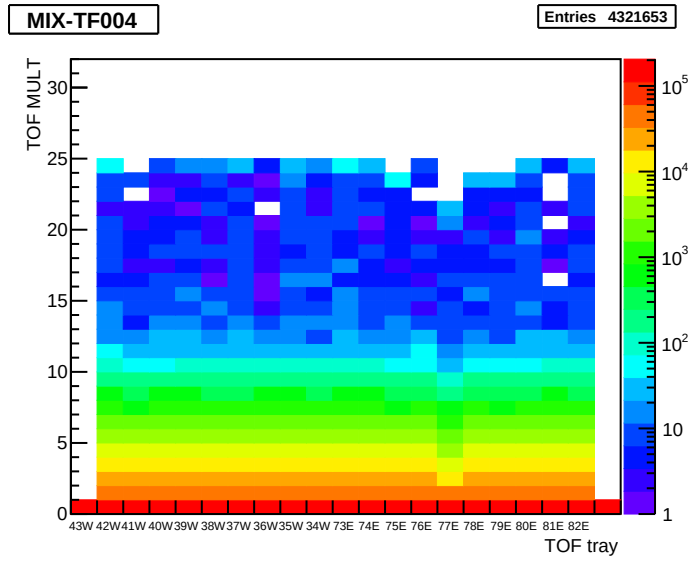

BunchId7Bit (Laser)
Entries 0

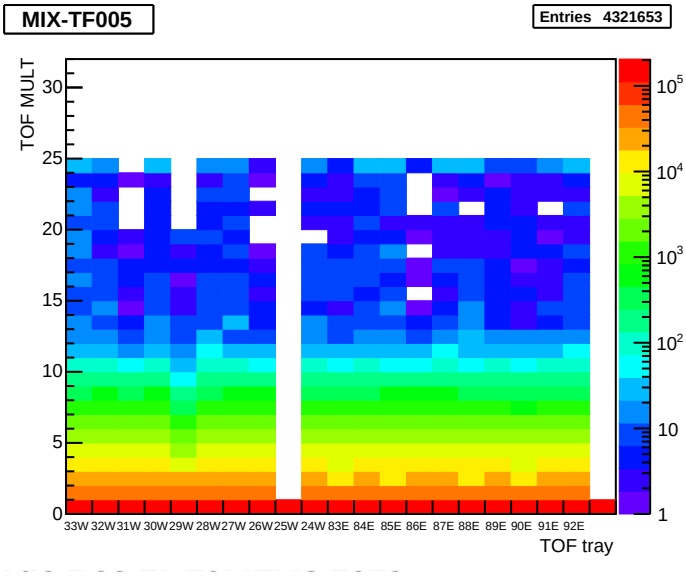

BunchId7Bit (TOFmult window)
Entries 7567

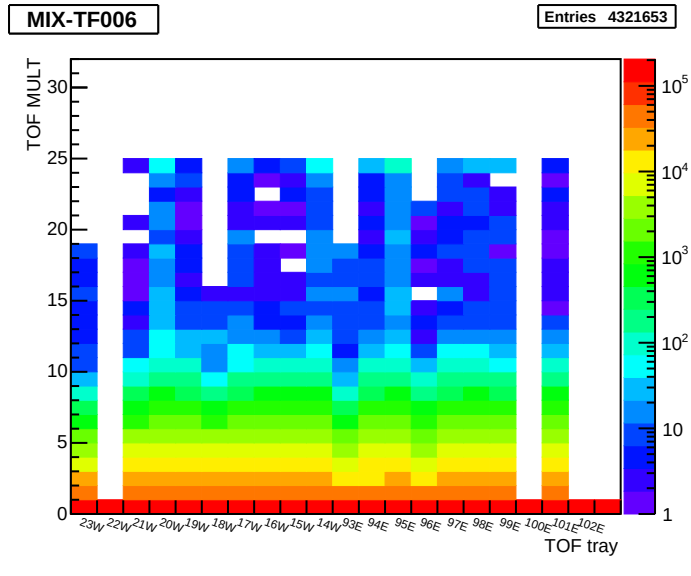

MIX-TF001
Entries 4321653
TOF MULT
TOF tray

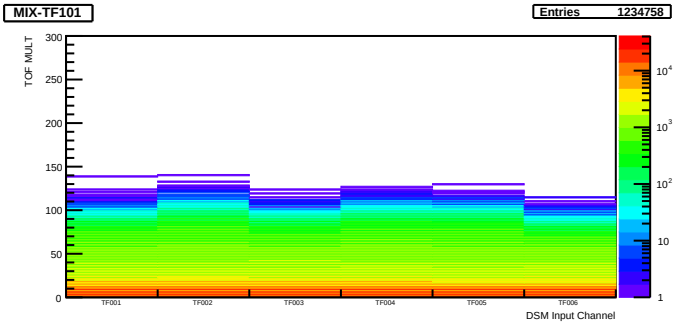

MIX-TF002
Entries 4321653
TOF MULT
TOF tray

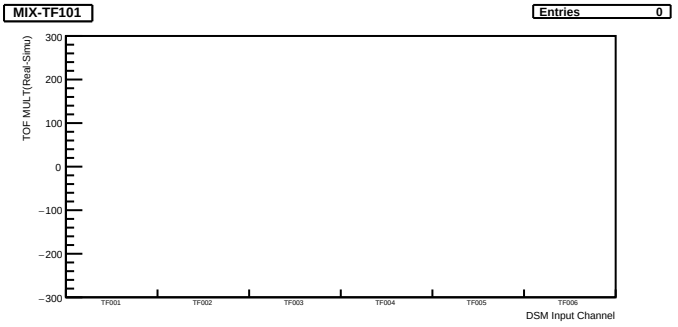

MIX-TF003
Entries 4321653
TOF MULT
TOF tray

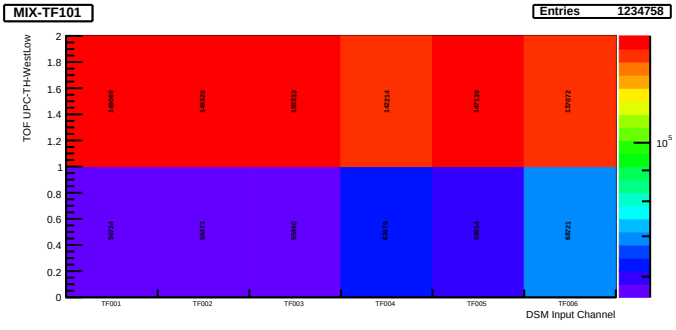

MIX-TF004
Entries 4321653
TOF MULT
TOF tray

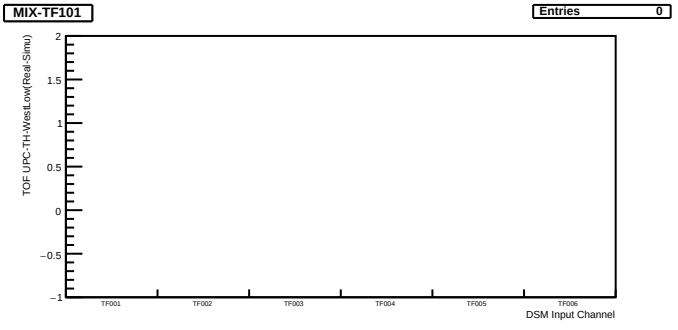

MIX-TF005
Entries 4321653
TOF MULT
TOF tray

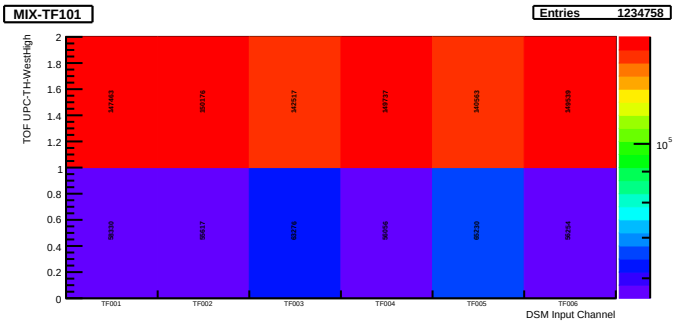

MIX-TF006
Entries 4321653
TOF MULT
TOF tray

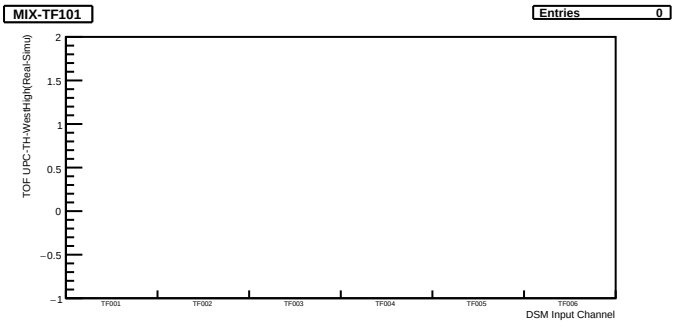

MIX-TF101
Entries 1234758
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

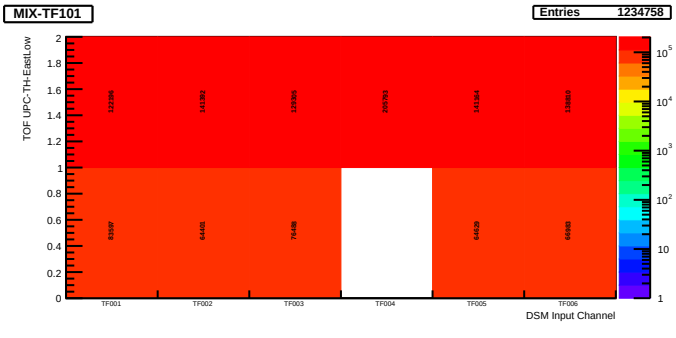

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

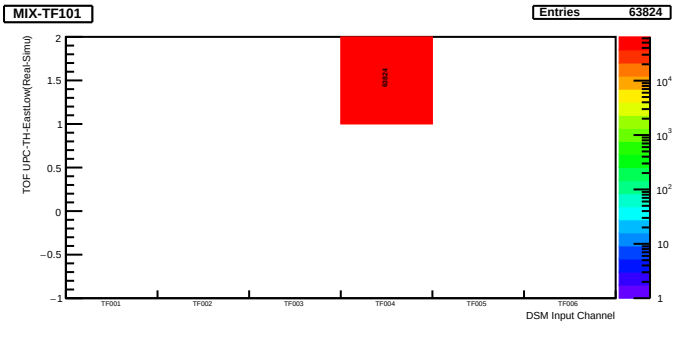

MIX-TF101
Entries 1234758
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

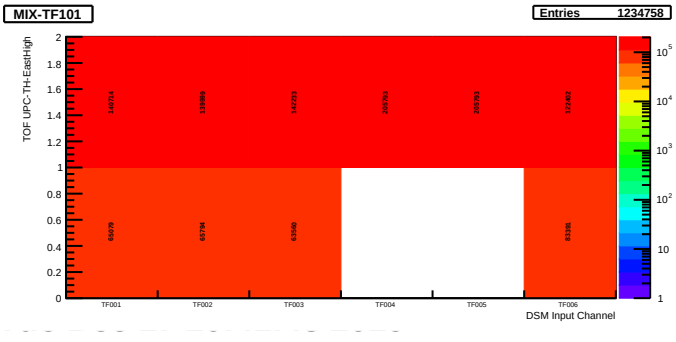

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

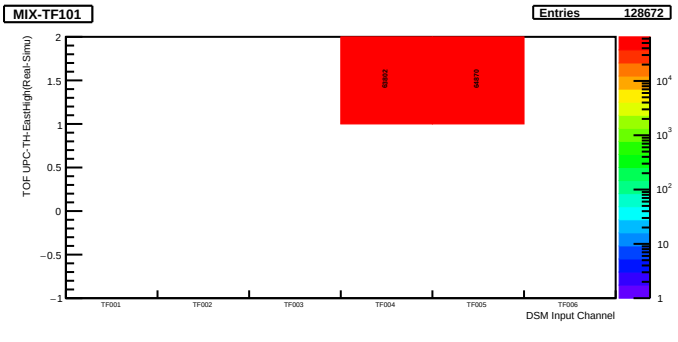

MIX-TF101
Entries 1234758
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

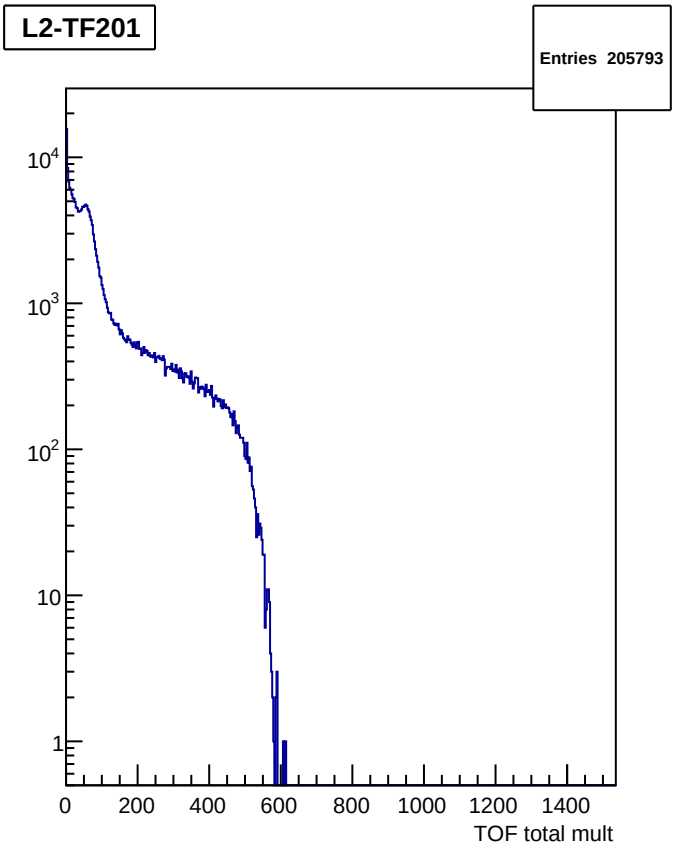

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

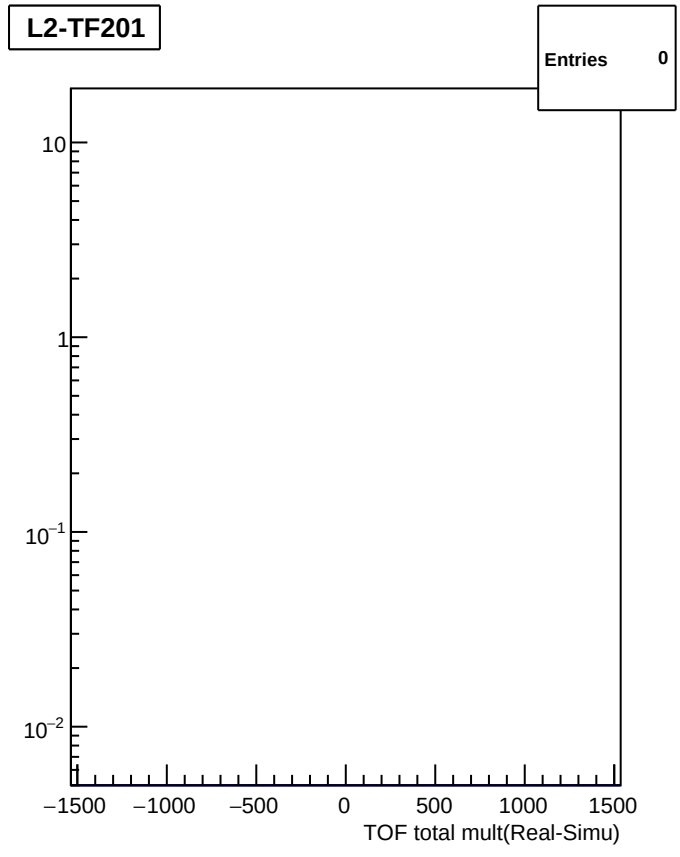

MIX-TF101
Entries 1234758
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

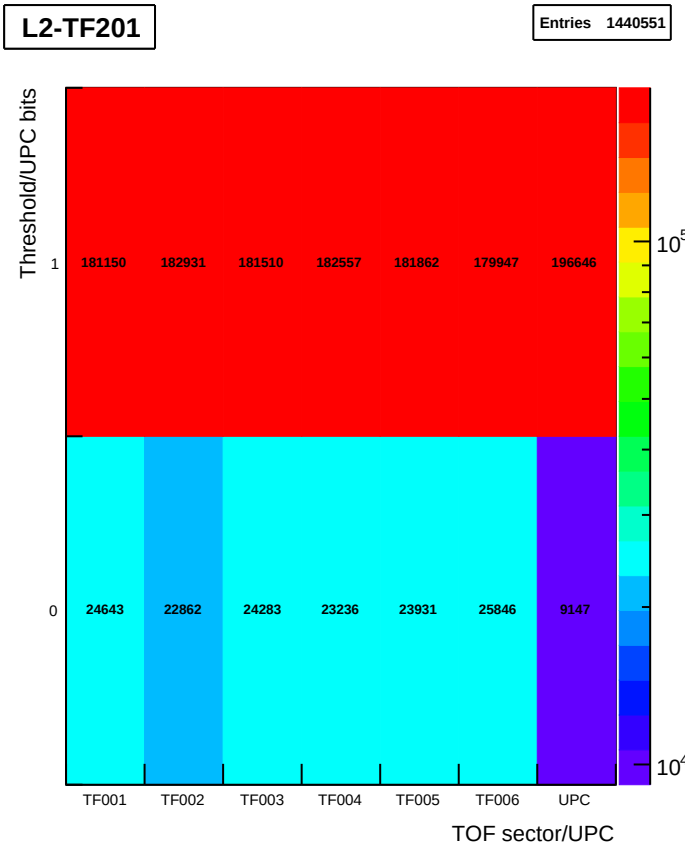

MIX-TF101
Entries 63824
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

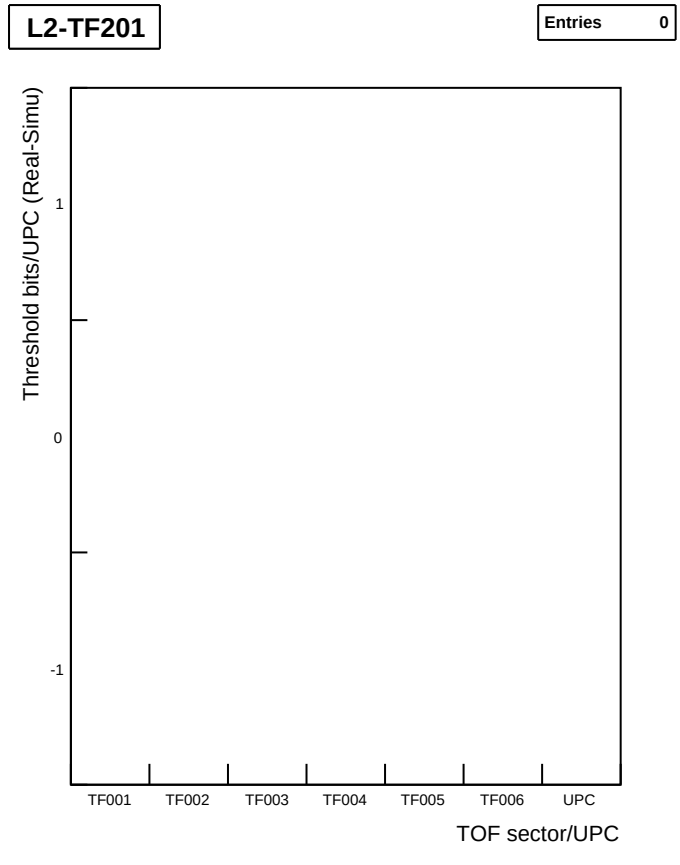

MIX-TF101
Entries 1234758
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

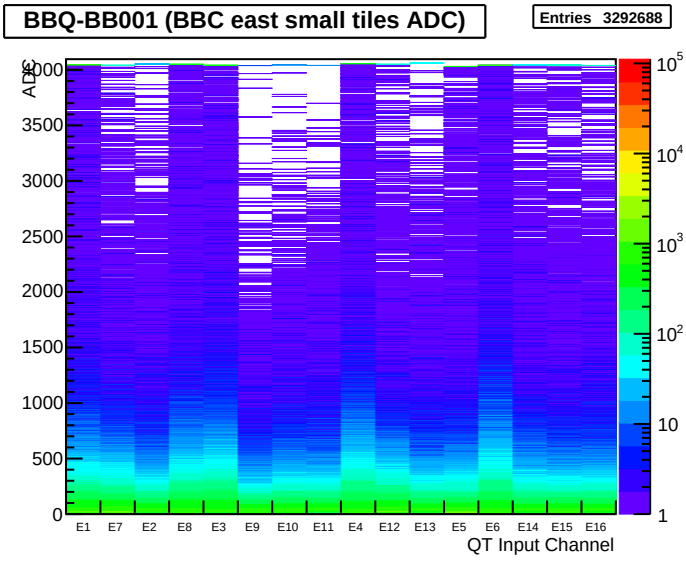

MIX-TF101
Entries 128672
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

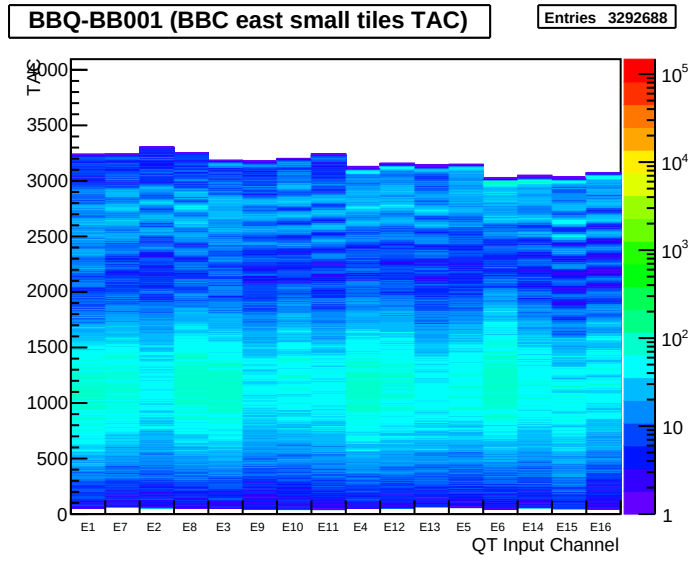

L2-TF201
Entries 205793
TOF total mult

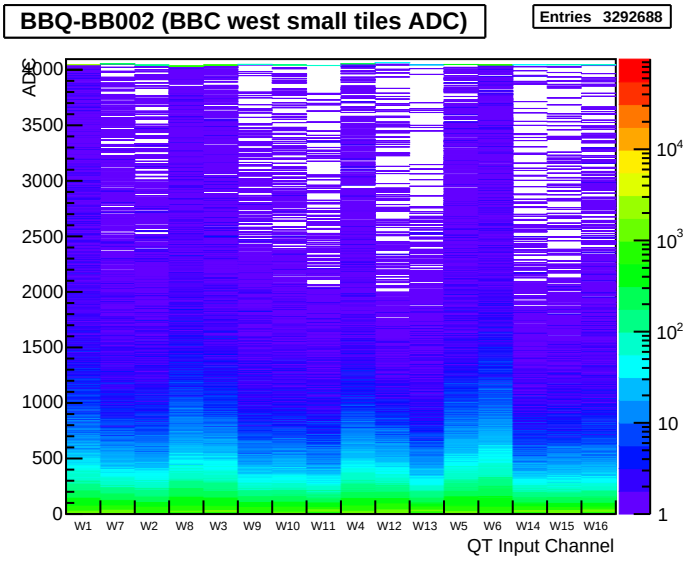

L2-TF201
Entries 0
TOF total mult(Real-Simu)

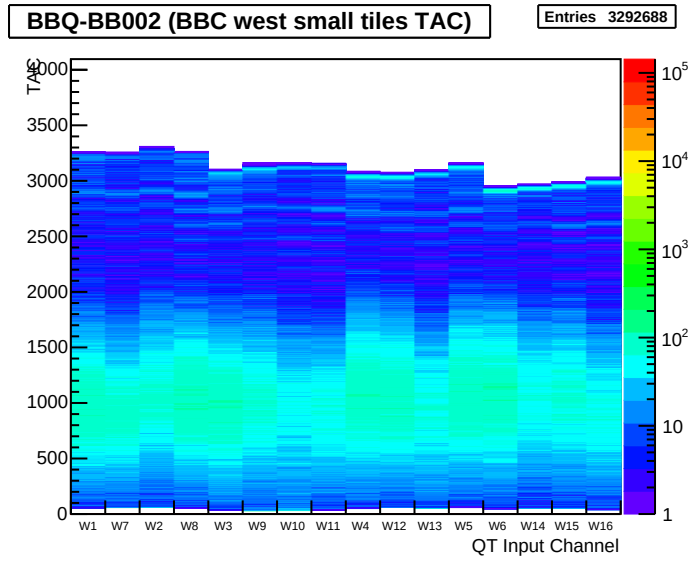

L2-TF201
Entries 1440551
Threshold/UPC bits
181150
182931
181510
182557
181862
179947
196646
24643
22862
24283
23236
23931
25846
9147
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

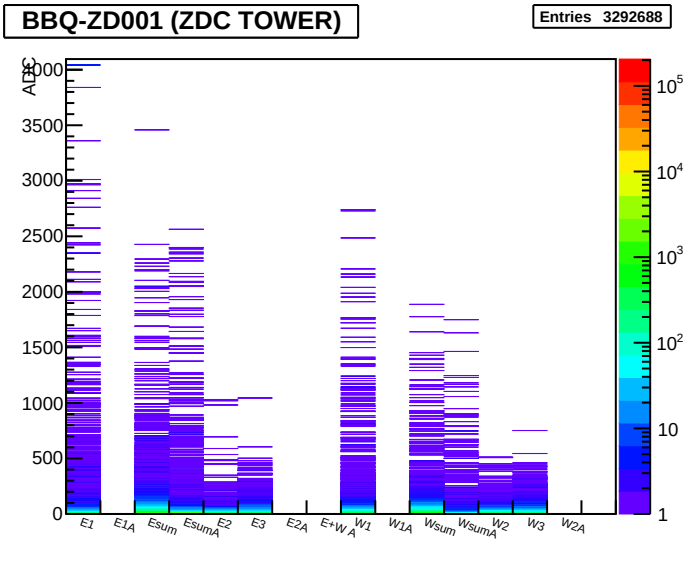

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

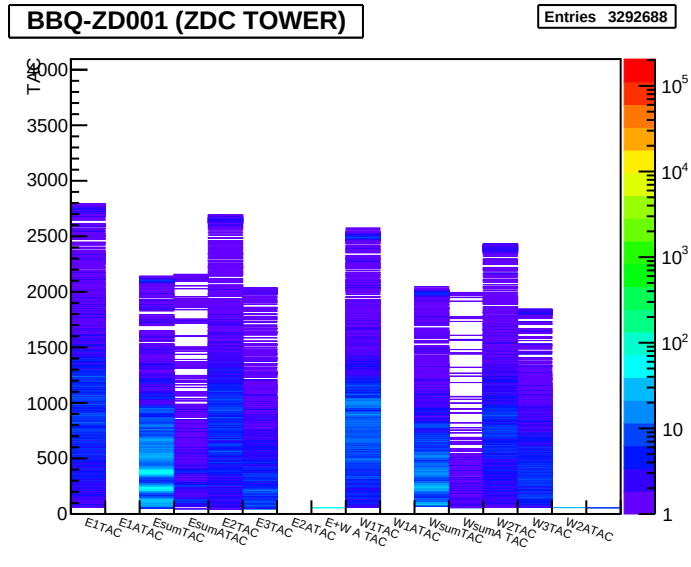

BBQ-BB001 (BBC east small tiles ADC)
Entries 3292688
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

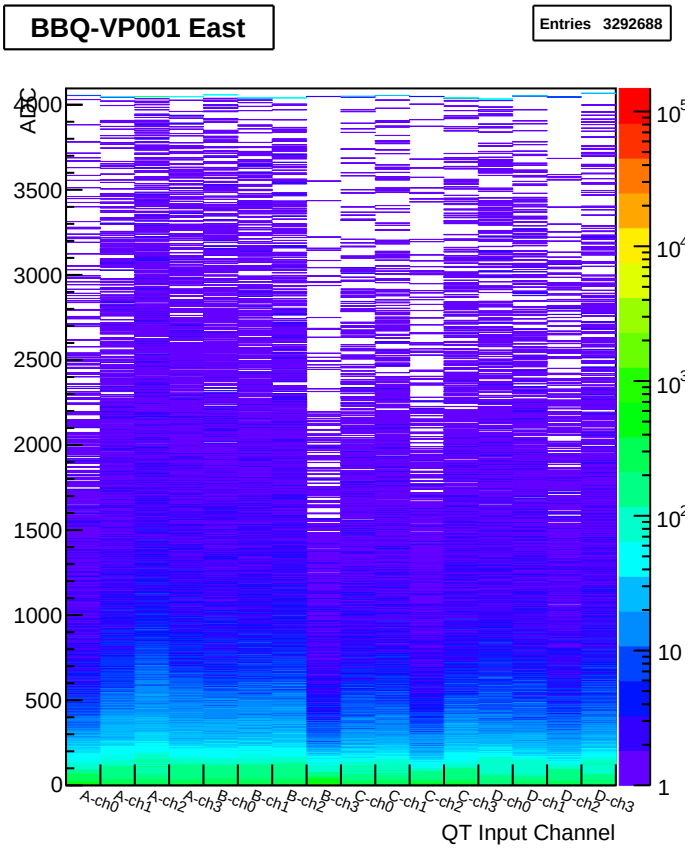

BBQ-BB001 (BBC east small tiles TAC)
Entries 3292688
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

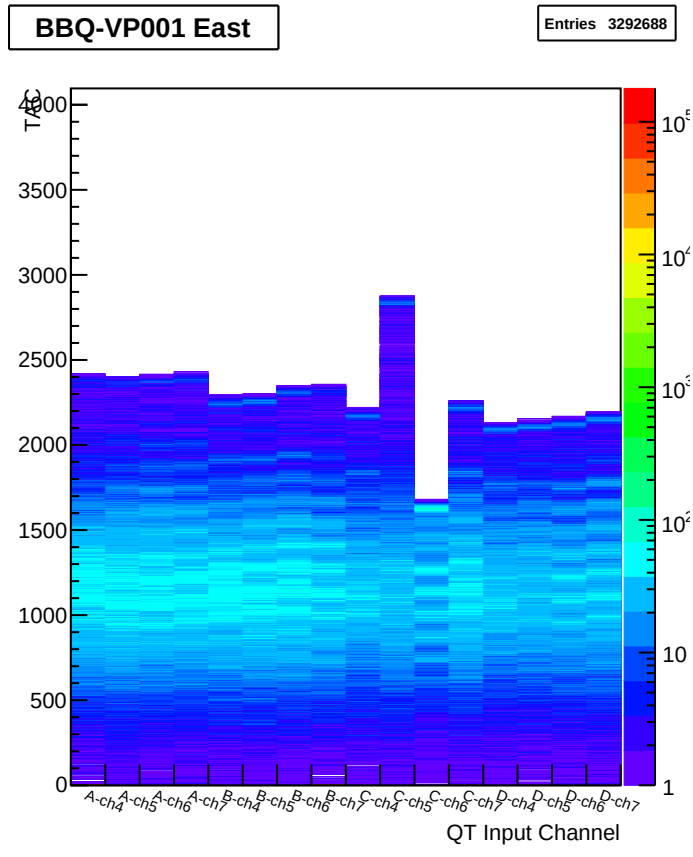

BBQ-BB002 (BBC west small tiles ADC)
Entries 3292688
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

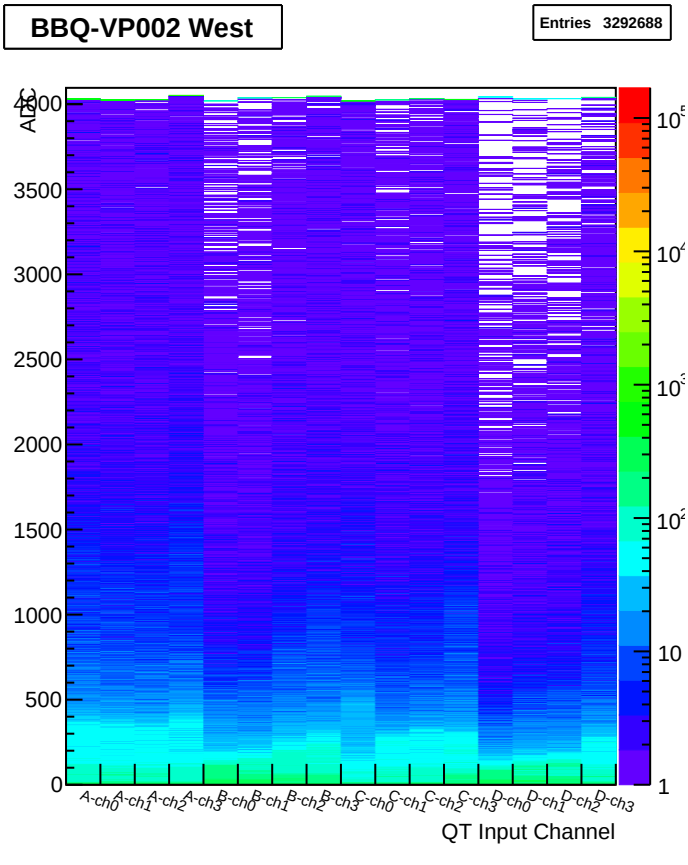

BBQ-BB002 (BBC west small tiles TAC)
Entries 3292688
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

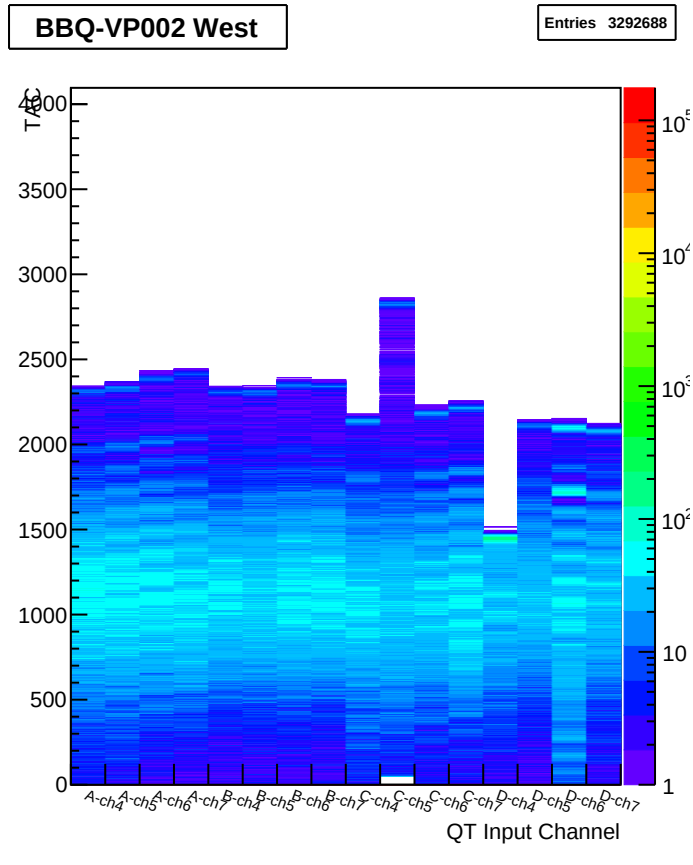

BBQ-ZD001 (ZDC TOWER)
Entries 3292688
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

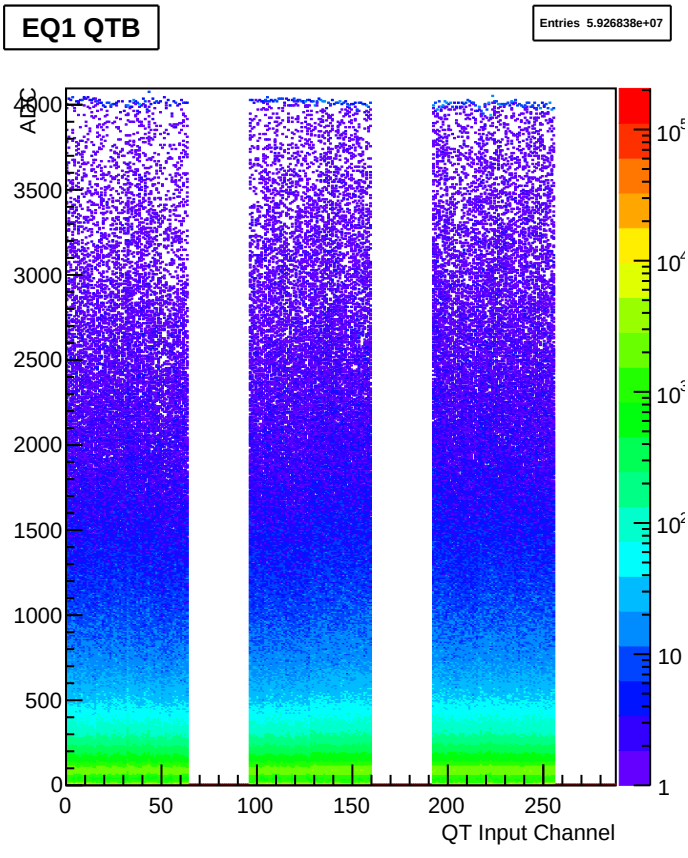

BBQ-ZD001 (ZDC TOWER)
Entries 3292688
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

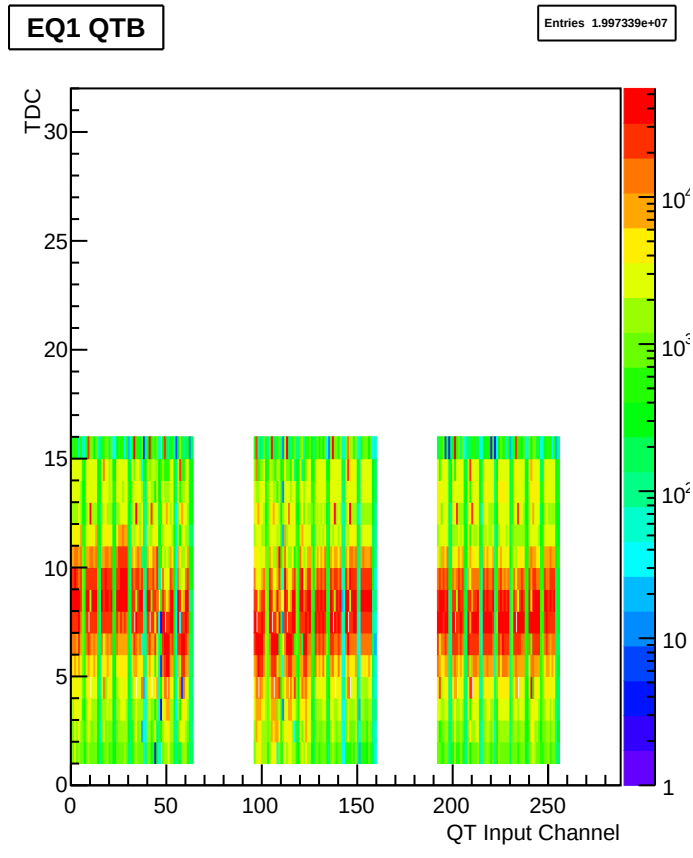

BBQ-VP001 East
Entries 3292688
ADC
QT Input Channel

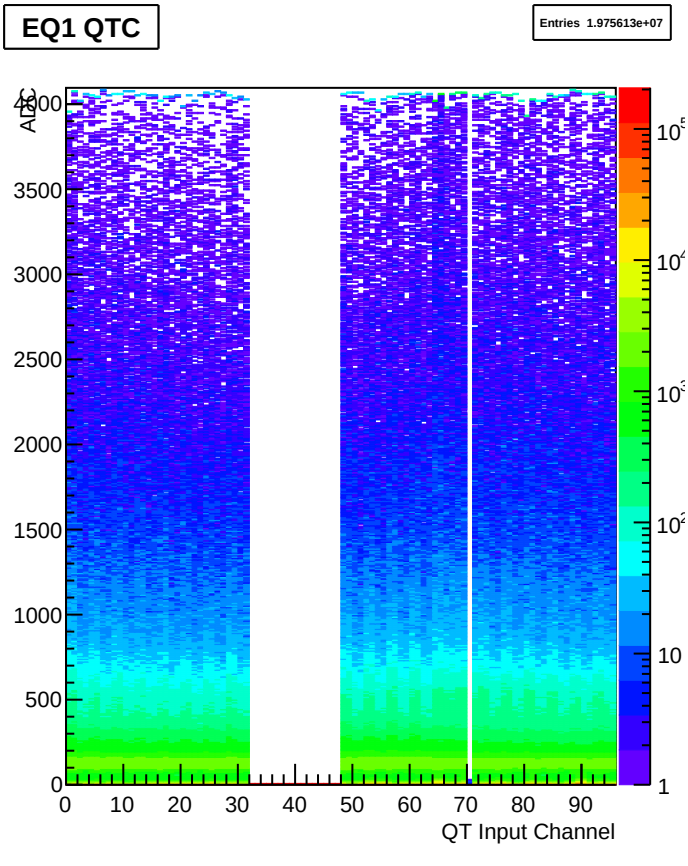

BBQ-VP001 East
Entries 3292688
TADC
QT Input Channel

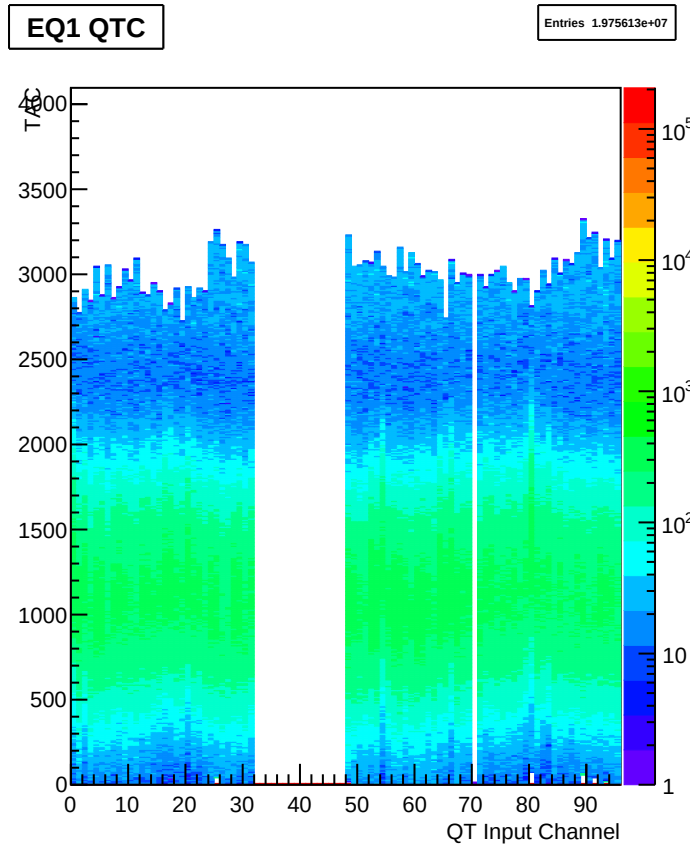

BBQ-VP002 West
Entries 3292688
ADC
QT Input Channel

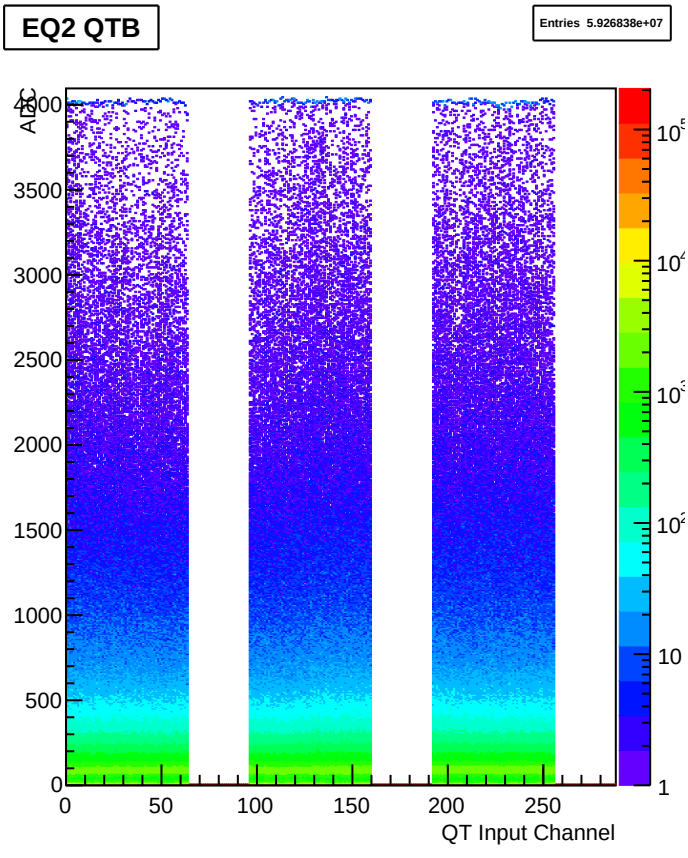

BBQ-VP002 West
Entries 3292688
TADC
QT Input Channel

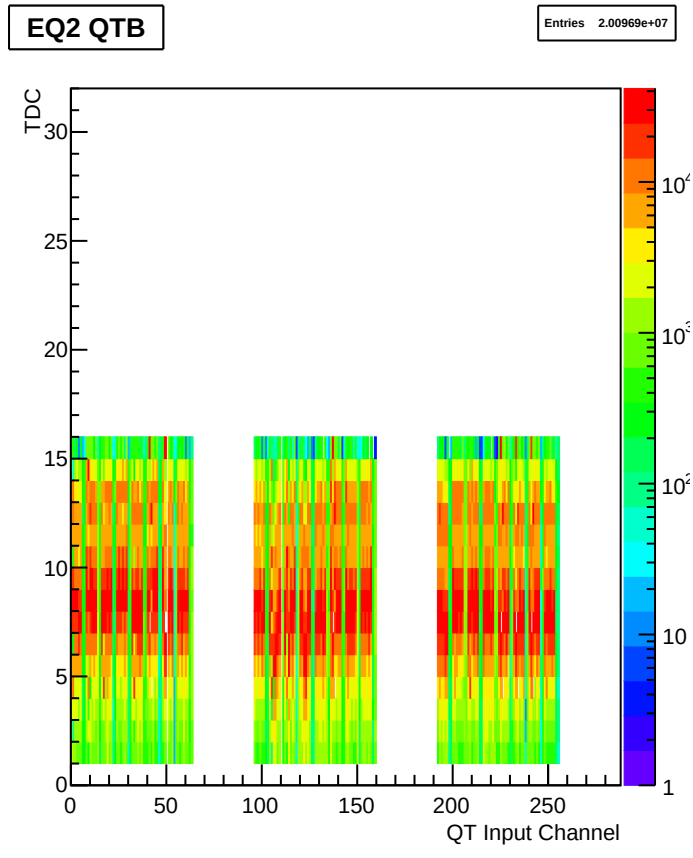

EQ1 QTB
Entries 5.926838e+07
ADC
QT Input Channel

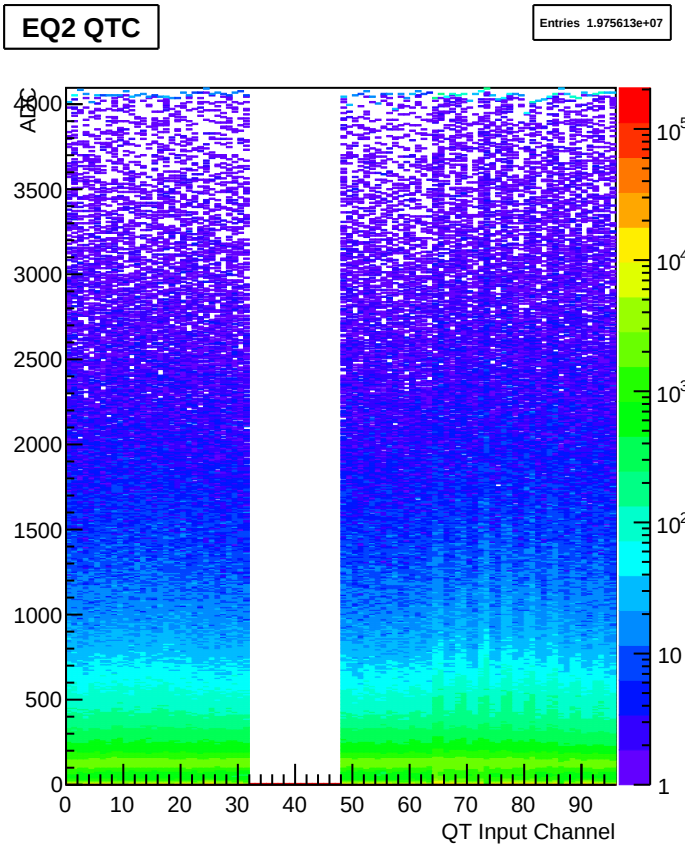

EQ1 QTB
Entries 1.997339e+07
TDC
QT Input Channel

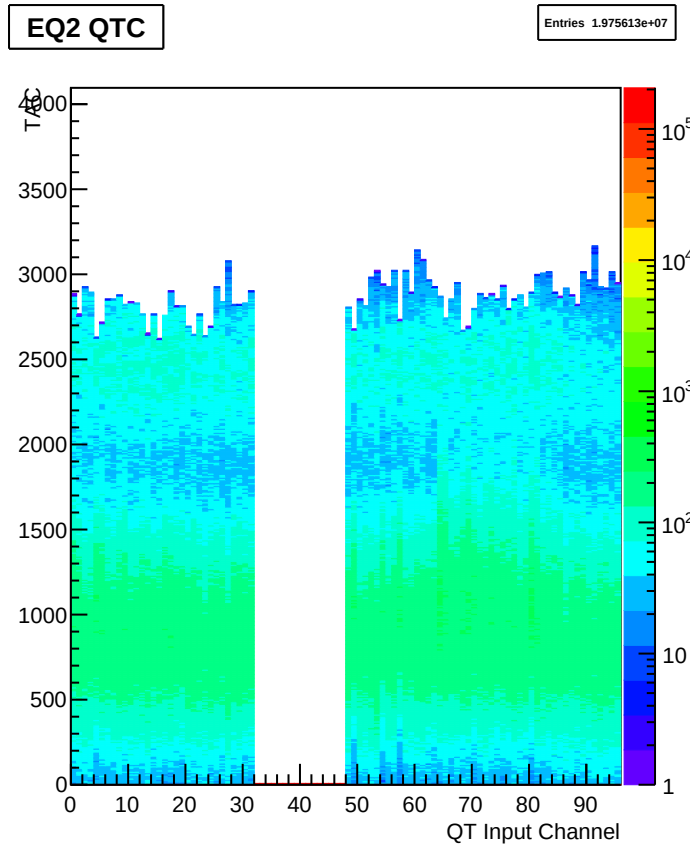

EQ1 QTC
Entries 1.975613e+07
ADC
QT Input Channel

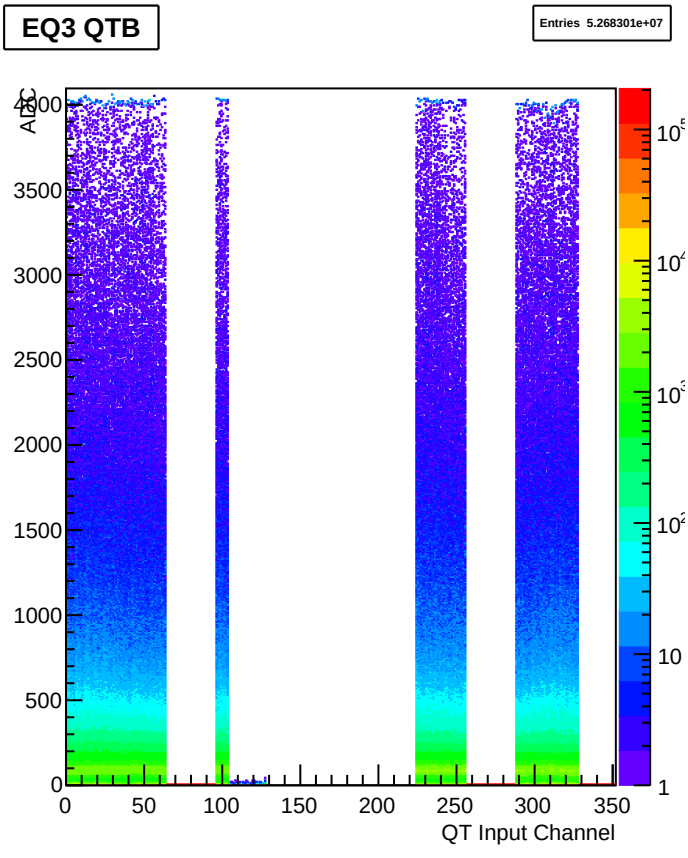

EQ1 QTC
Entries 1.975613e+07
TADC
QT Input Channel

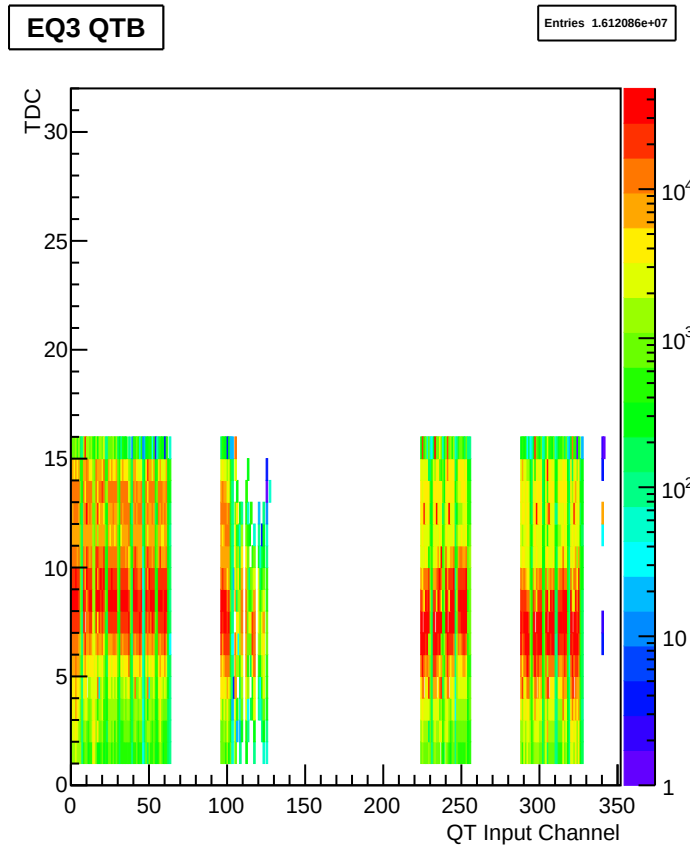

EQ2 QTB
Entries 5.926838e+07
ADC
QT Input Channel

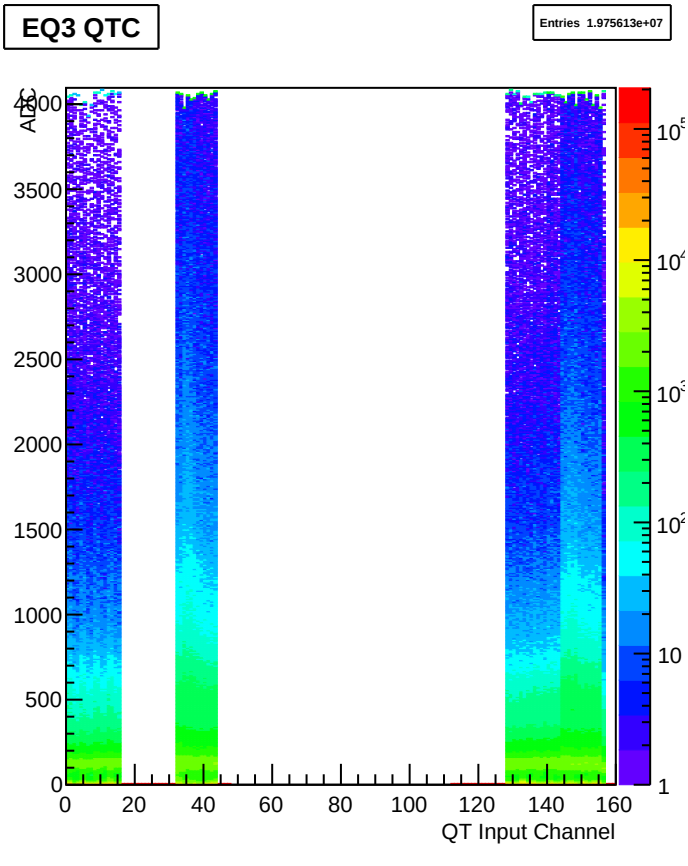

EQ2 QTB
Entries 2.00969e+07
TDC
QT Input Channel

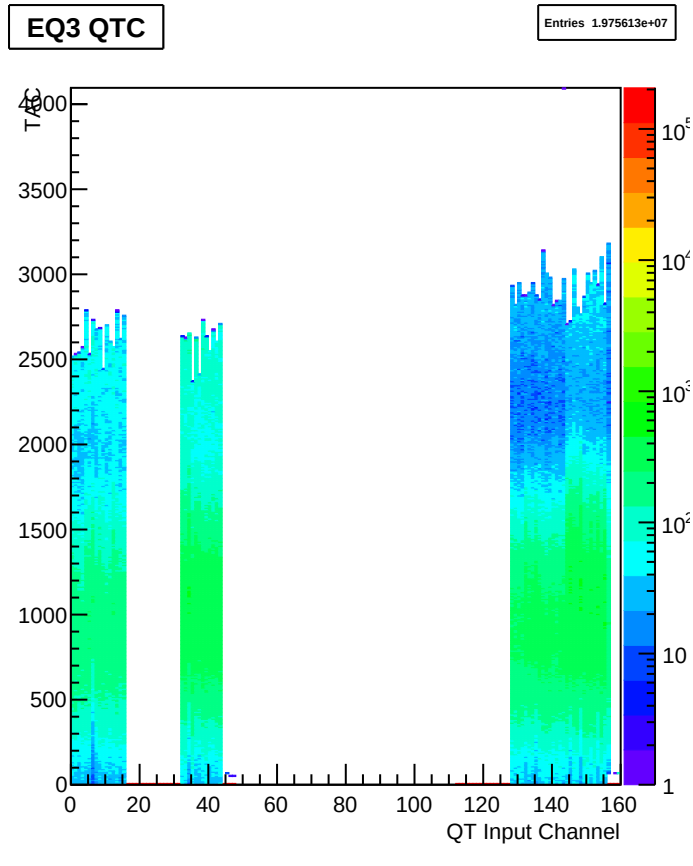

EQ2 QTC
Entries 1.975613e+07
ADC
QT Input Channel

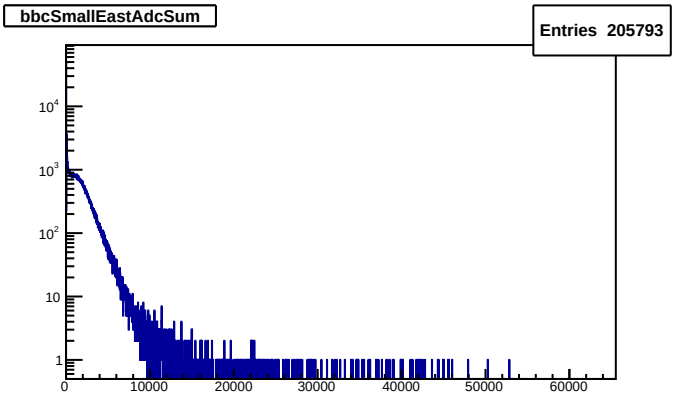

EQ2 QTC
Entries 1.975613e+07
TADC
QT Input Channel

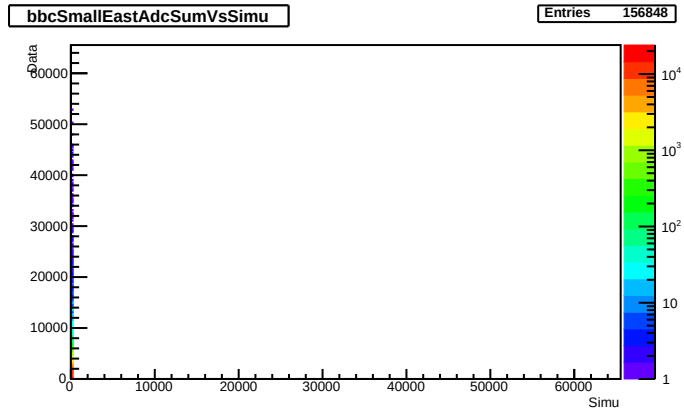

EQ3 QTB
Entries 5.268301e+07
ADC
QT Input Channel

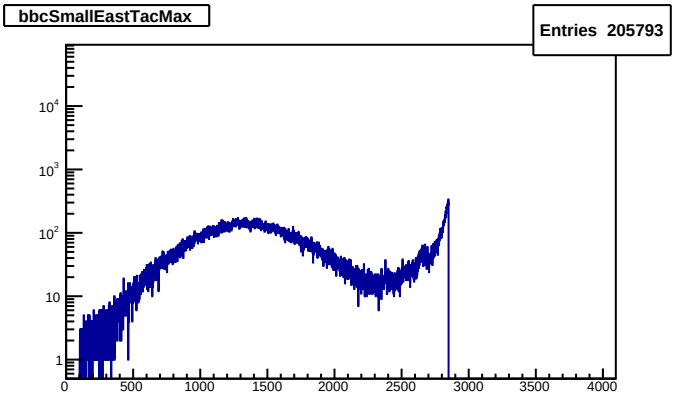

EQ3 QTB
Entries 1.612086e+07
TDC
QT Input Channel

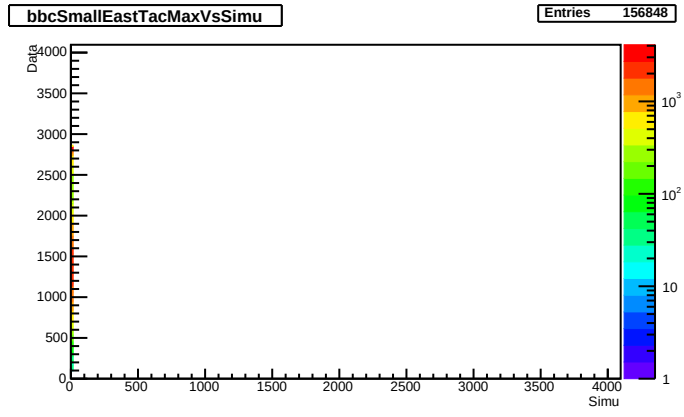

EQ3 QTC
Entries 1.975613e+07
ADC
QT Input Channel

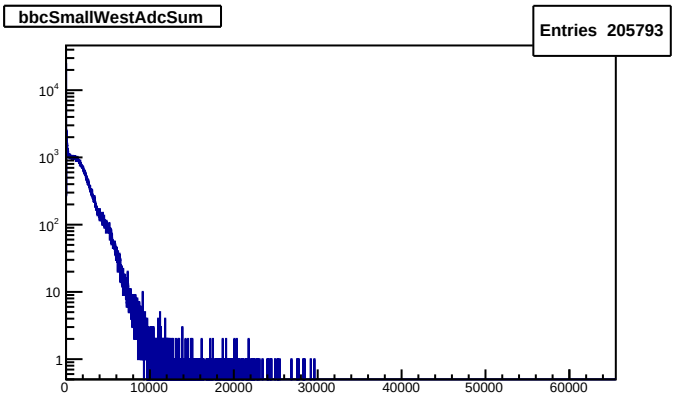

EQ3 QTC
Entries 1.975613e+07
TADC
QT Input Channel

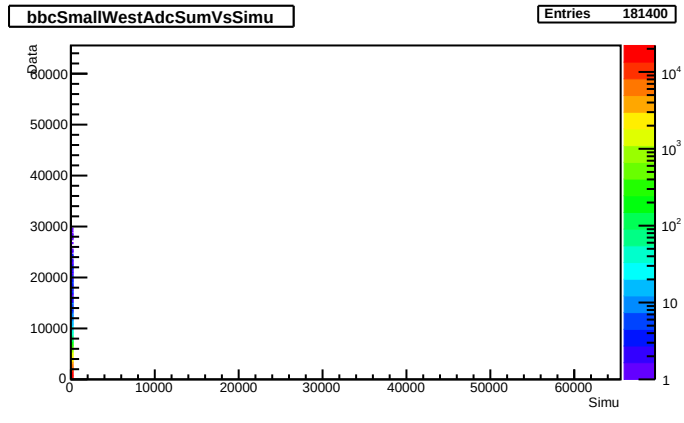

bbcSmallEastAdcSum
Entries 205793

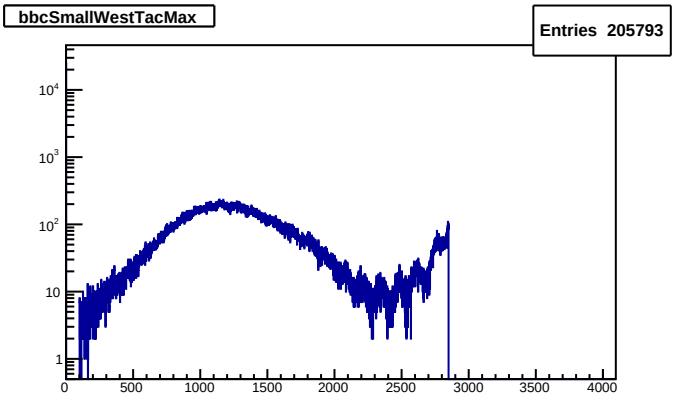

bbcSmallEastAdcSumVsSimu
Entries 156848
Data
Simu

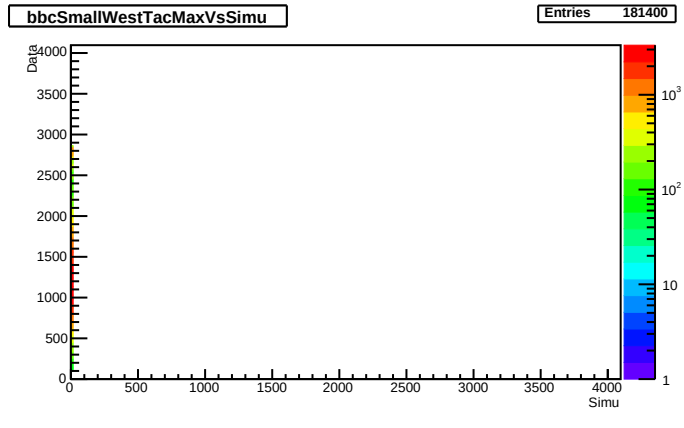

bbcSmallEastTacMax
Entries 205793

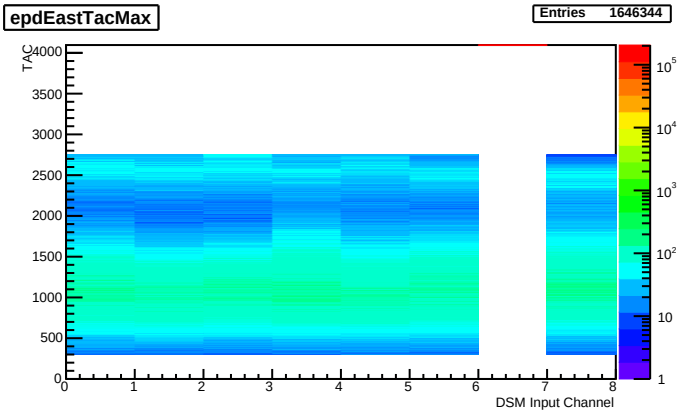

bbcSmallEastTacMaxVsSimu
Entries 156848
Data
Simu

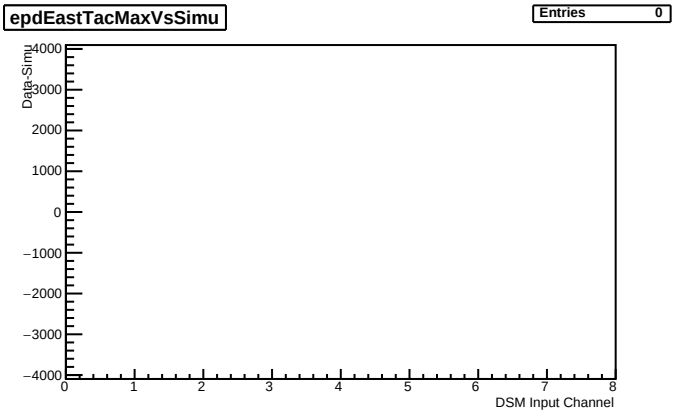

bbcSmallWestAdcSum
Entries 205793

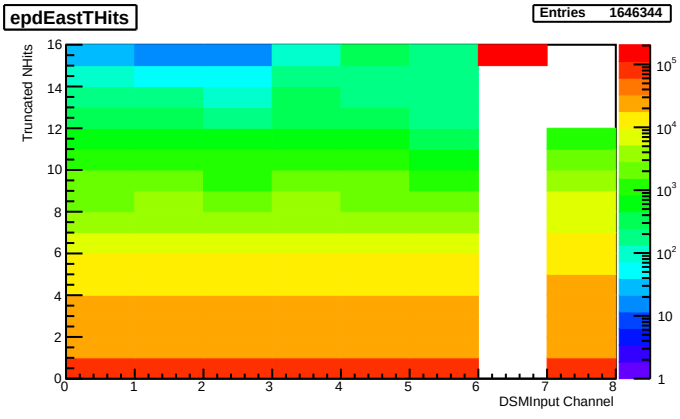

bbcSmallWestAdcSumVsSimu
Entries 181400
Data
Simu

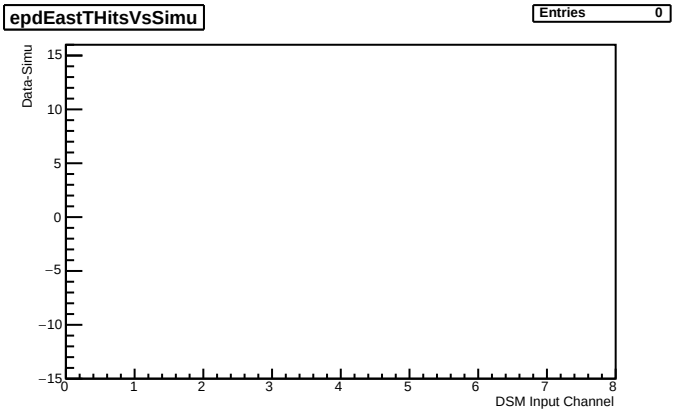

bbcSmallWestTacMax
Entries 205793

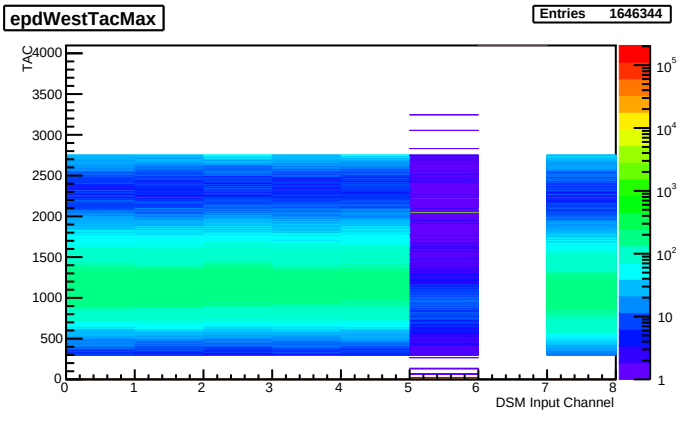

bbcSmallWestTacMaxVsSimu
Entries 181400
Data
Simu

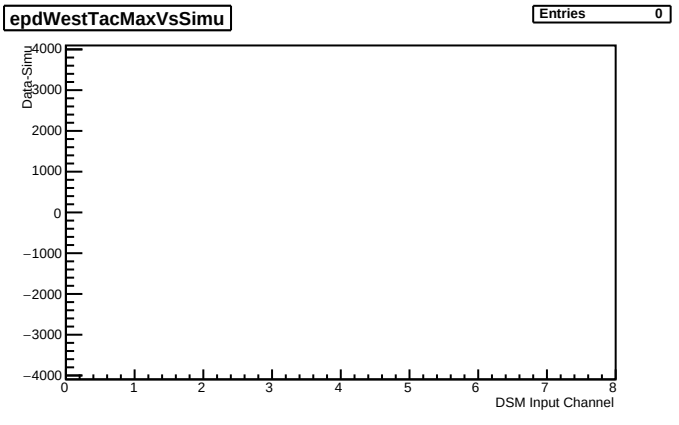

epdEastTacMax
Entries 1646344
TAC
DSM Input Channel

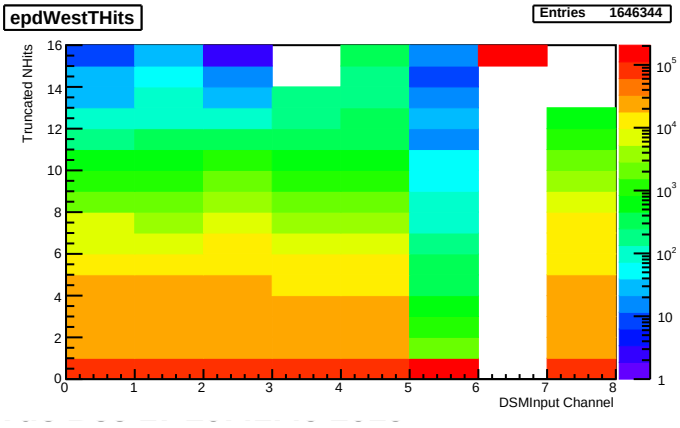

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

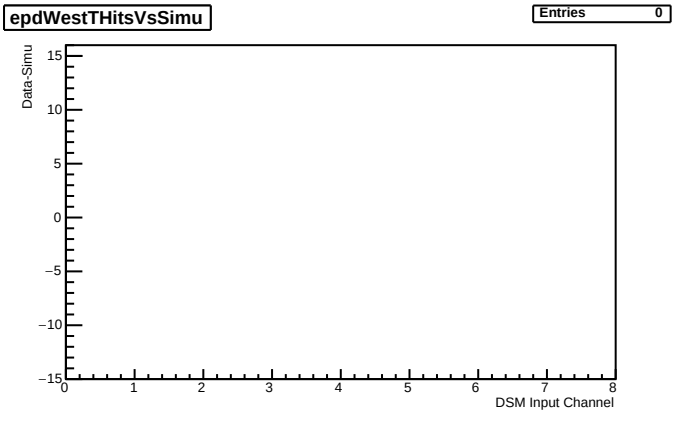

epdEastTHits
Entries 1646344
Truncated NHits
DSMInput Channel

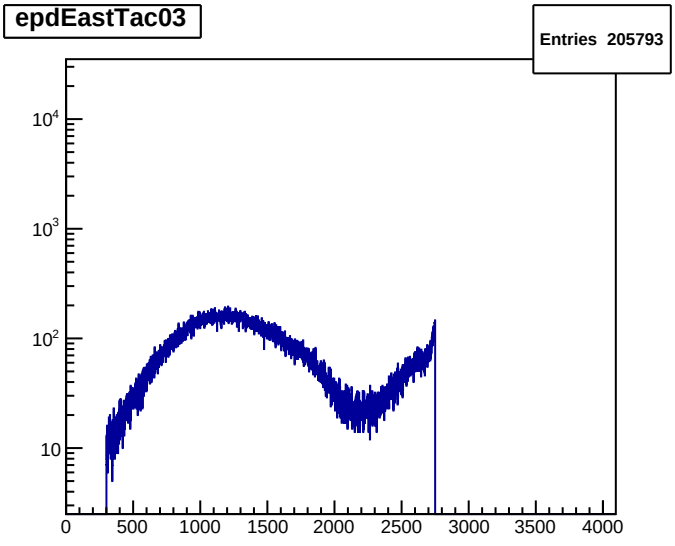

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

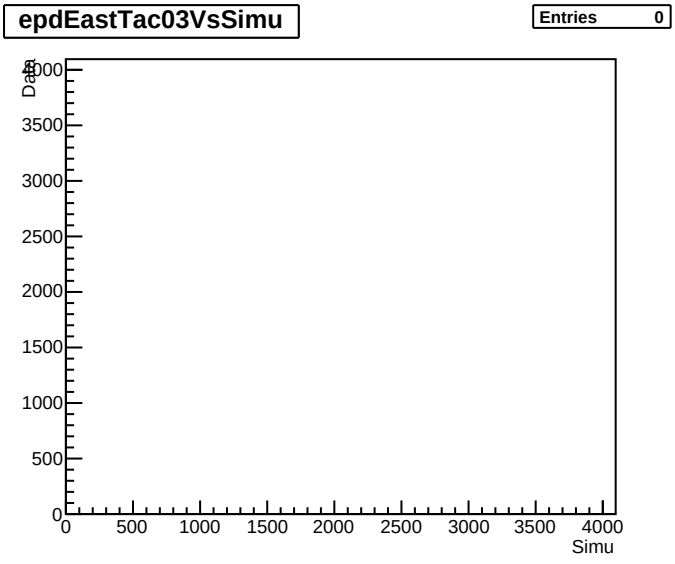

epdWestTacMax
Entries 1646344
TAC
DSM Input Channel

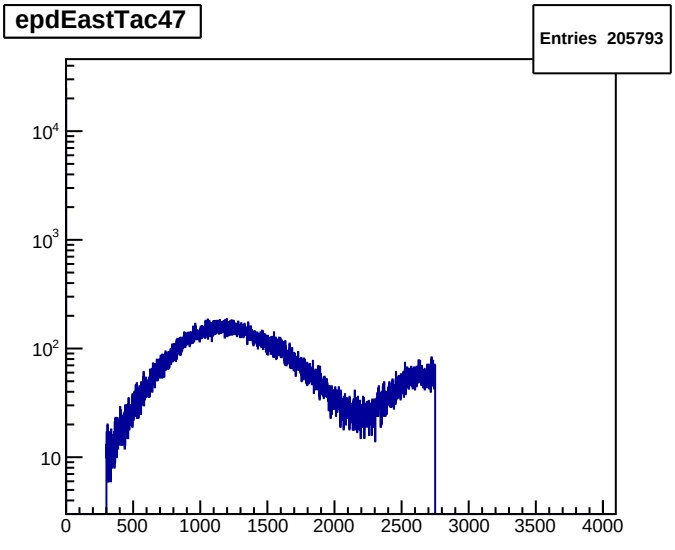

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

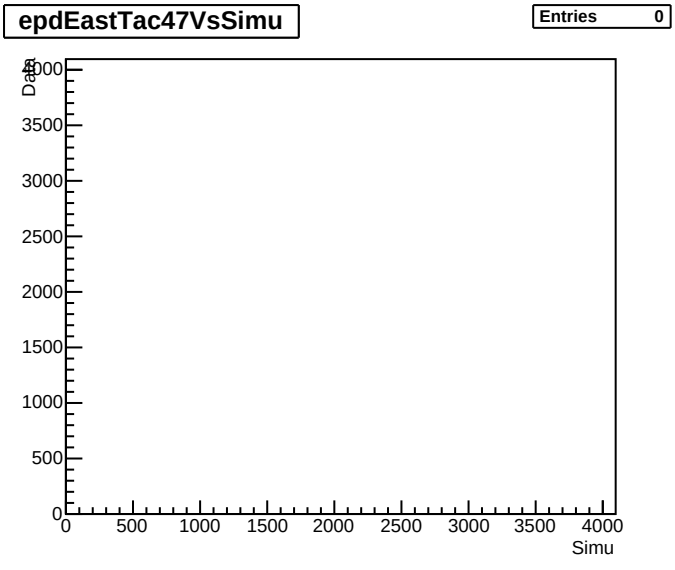

epdWestTHits
Entries 1646344
Truncated NHits
DSMInput Channel

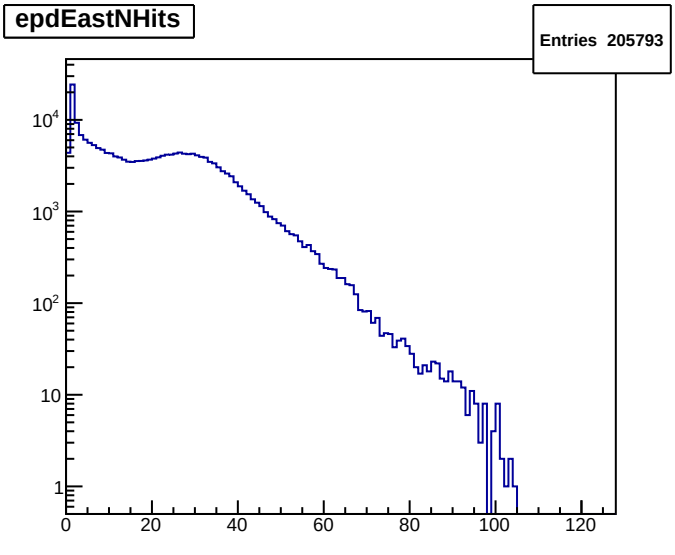

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

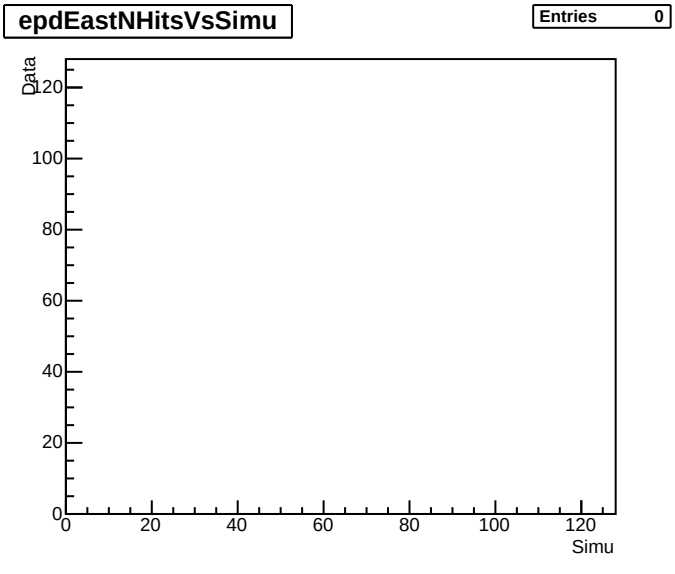

epdEastTac03
Entries 205793

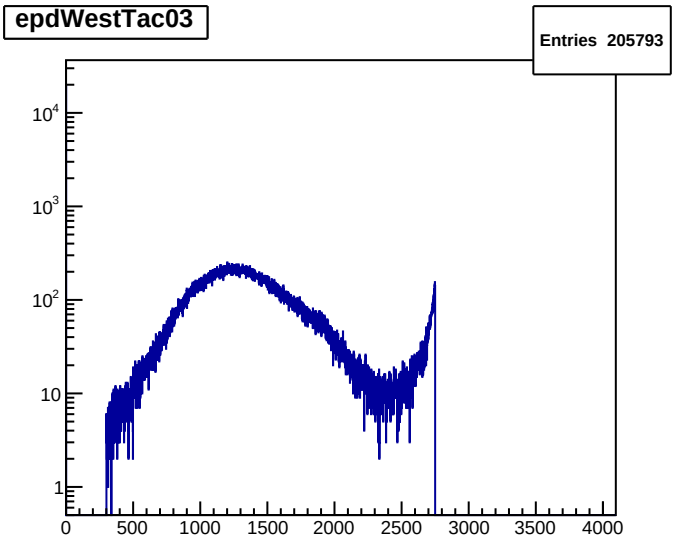

epdEastTac03VsSimu
Entries 0
Data
Simu

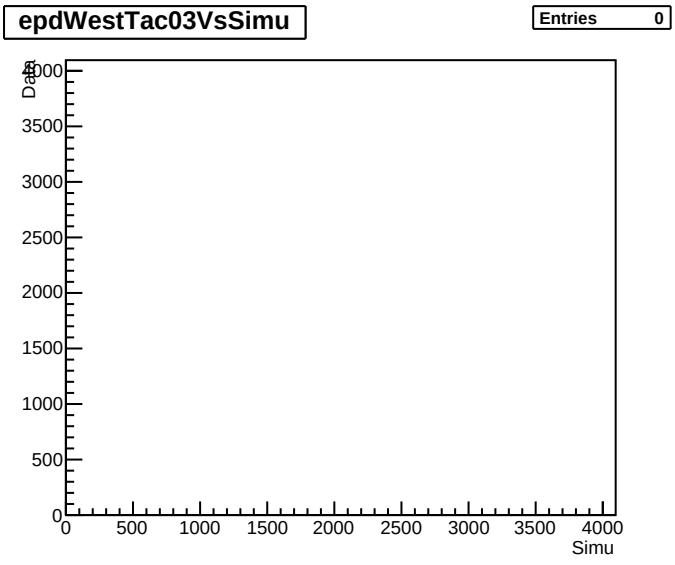

epdEastTac47
Entries 205793

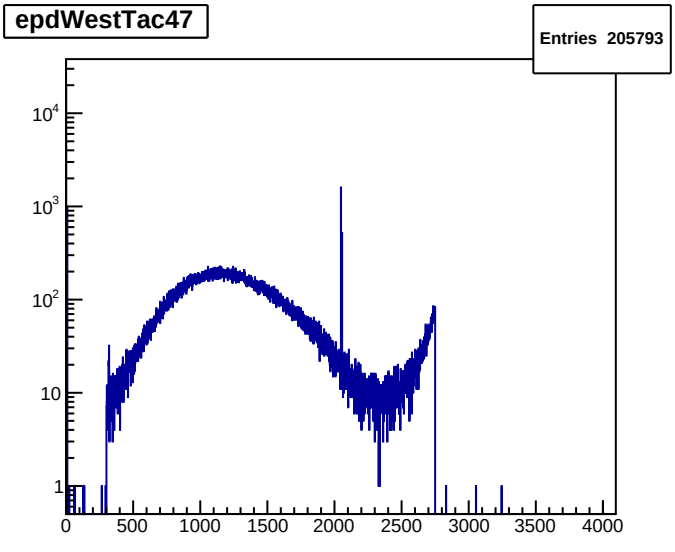

epdEastTac47VsSimu
Entries 0
Data
Simu

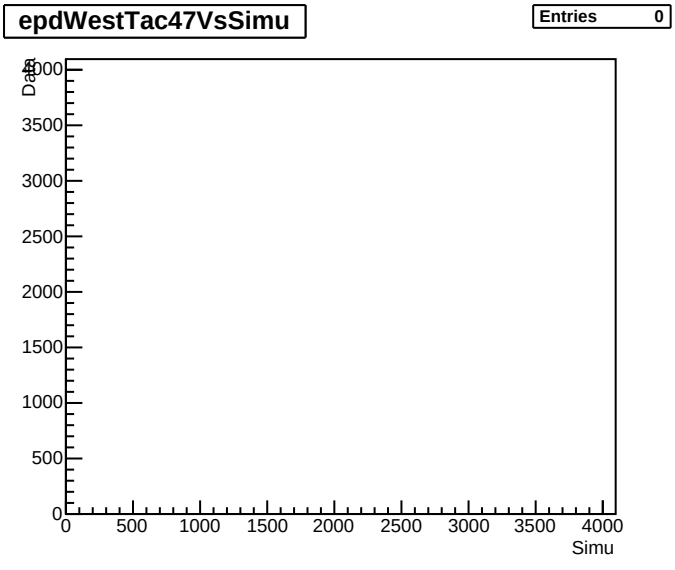

epdEastNHits
Entries 205793

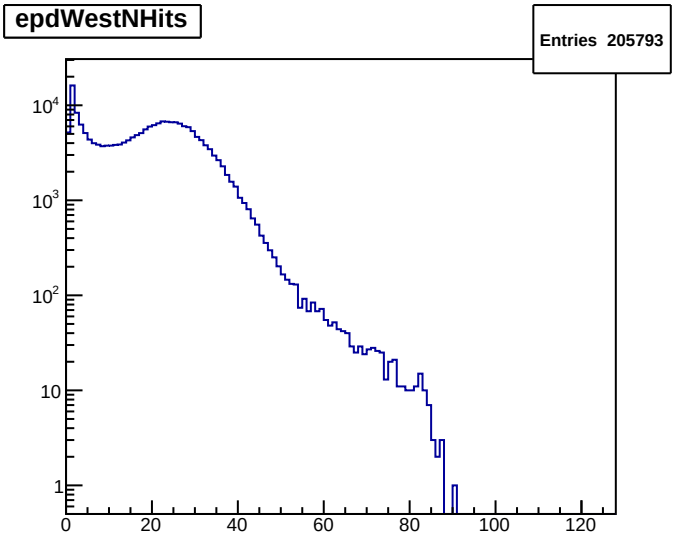

epdEastNHitsVsSimu
Entries 0
Data
Simu

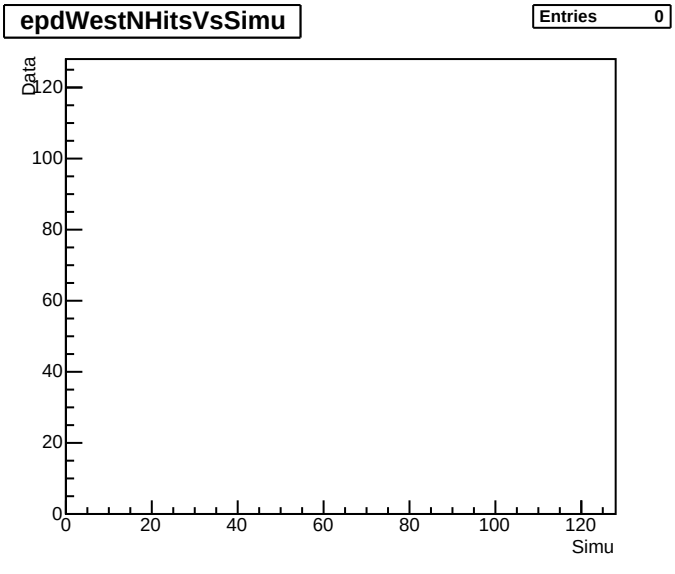

epdWestTac03
Entries 205793

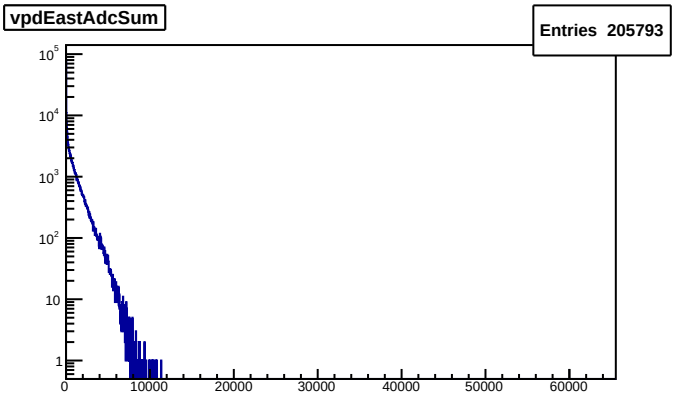

epdWestTac03VsSimu
Entries 0
Data
Simu

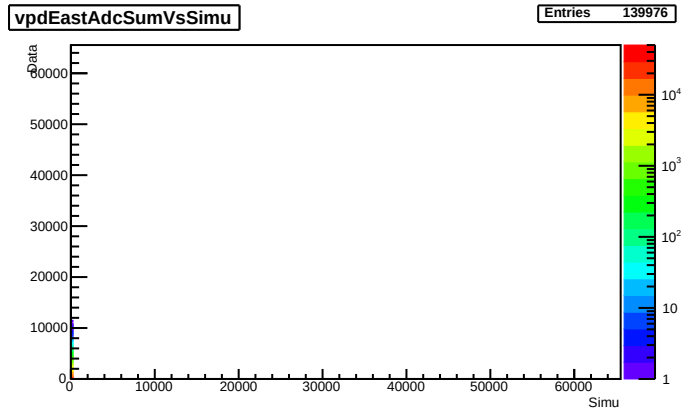

epdWestTac47
Entries 205793

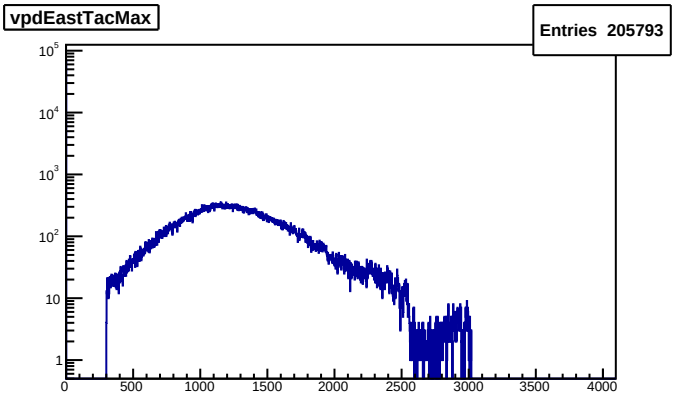

epdWestTac47VsSimu
Entries 0
Data
Simu

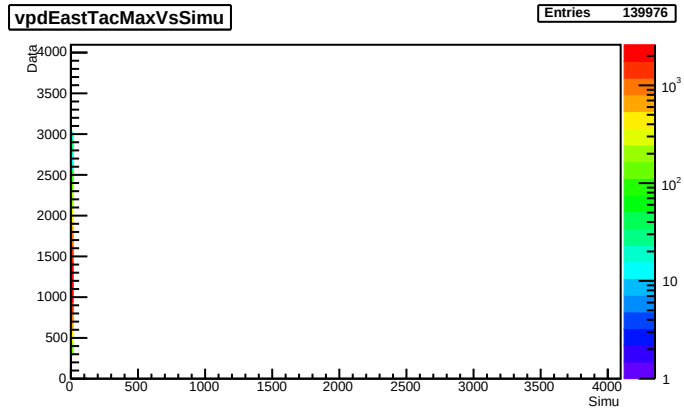

epdWestNHits
Entries 205793

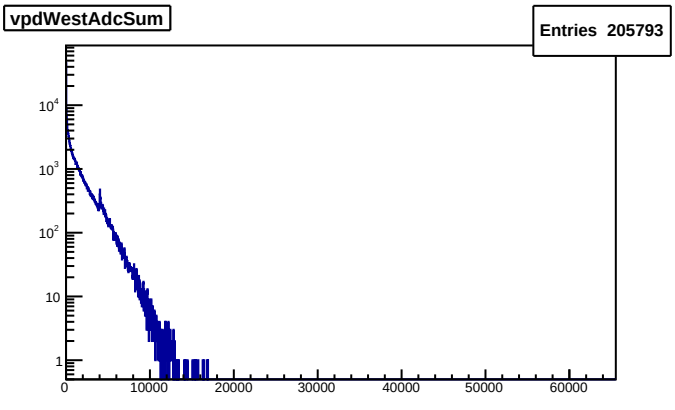

epdWestNHitsVsSimu
Entries 0
Data
Simu

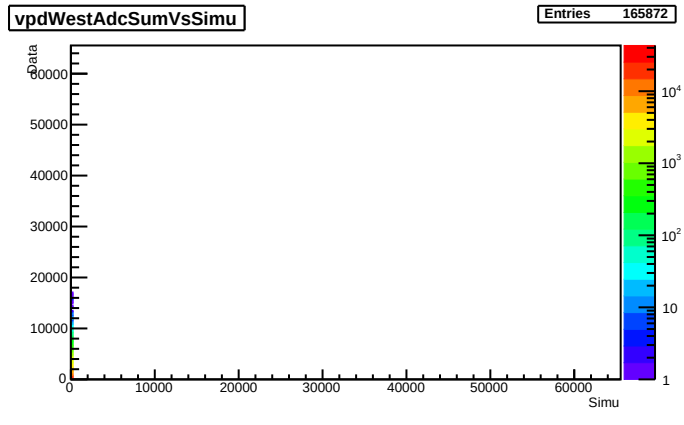

vpdEastAdcSum
Entries 205793

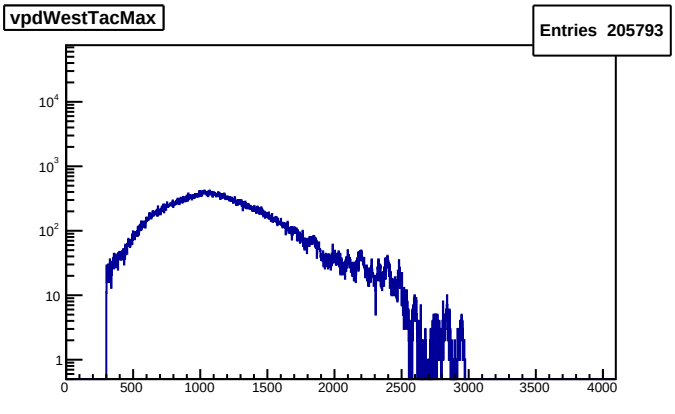

vpdEastAdcSumVsSimu
Entries 139976
Data
Simu

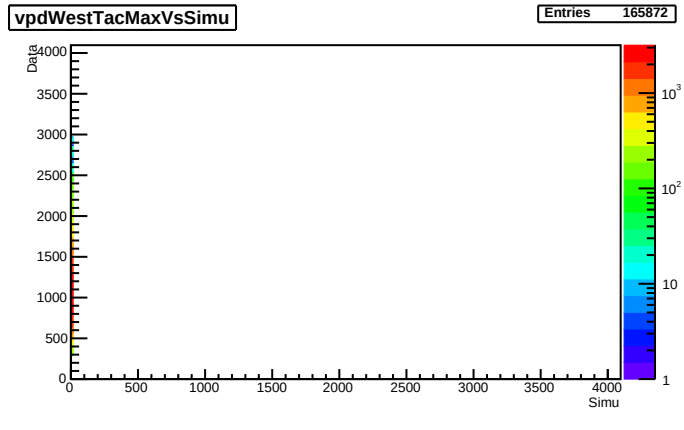

vpdEastTacMax
Entries 205793

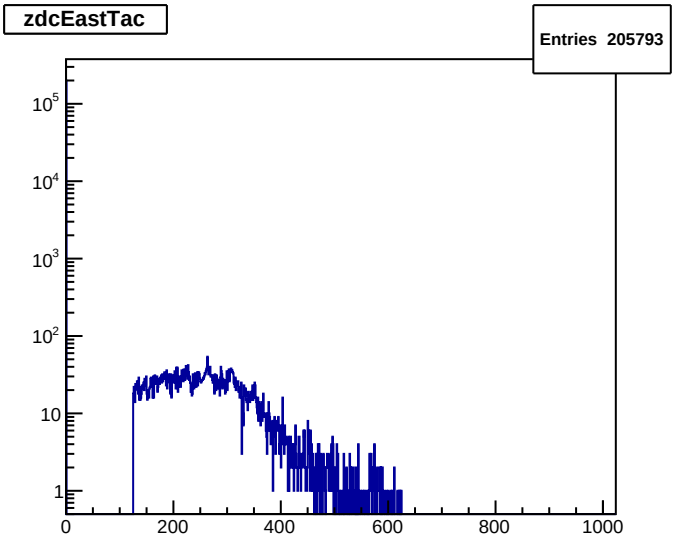

vpdEastTacMaxVsSimu
Entries 139976
Data
Simu

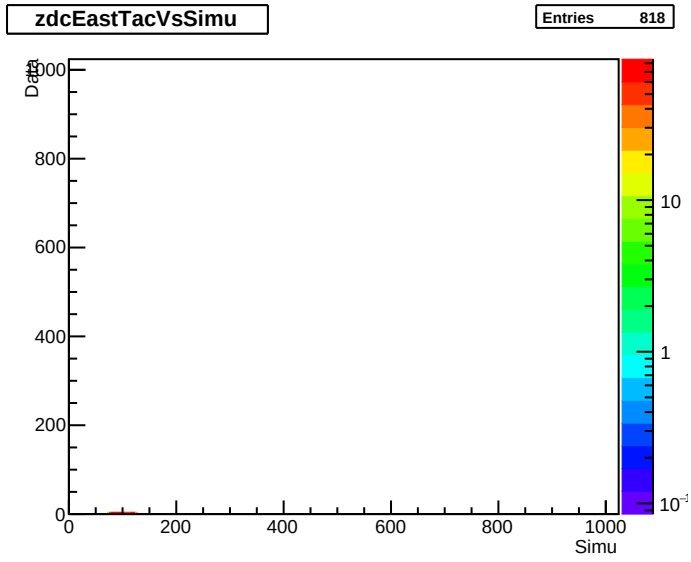

vpdWestAdcSum
Entries 205793

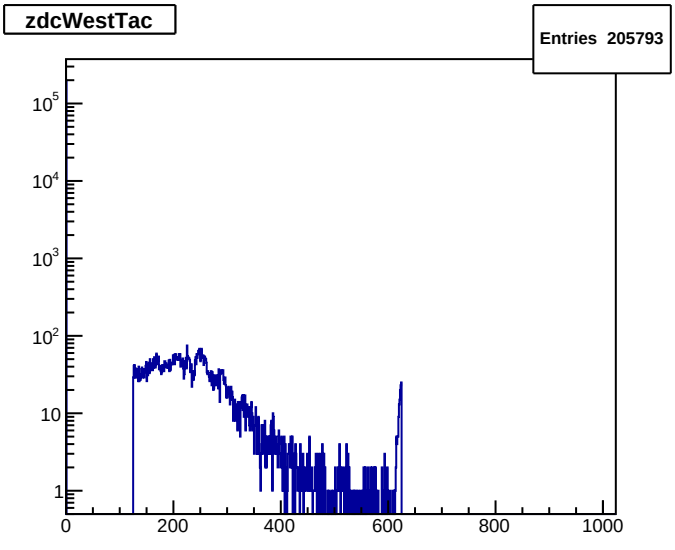

vpdWestAdcSumVsSimu
Entries 165872
Data
Simu

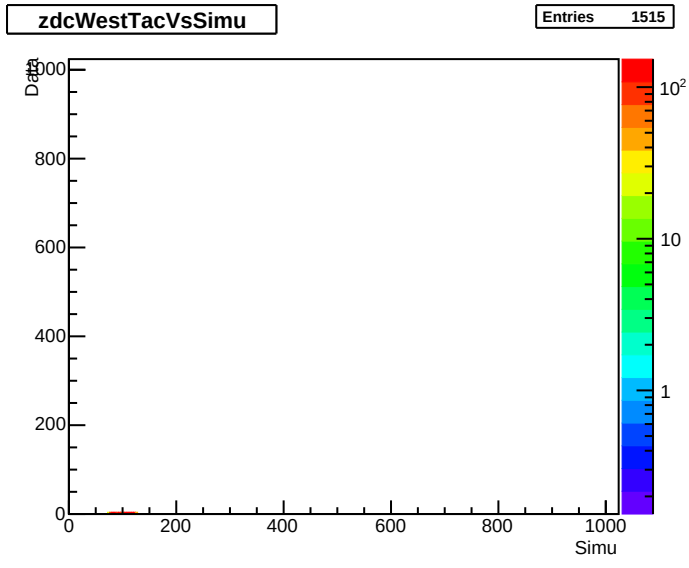

vpdWestTacMax
Entries 205793

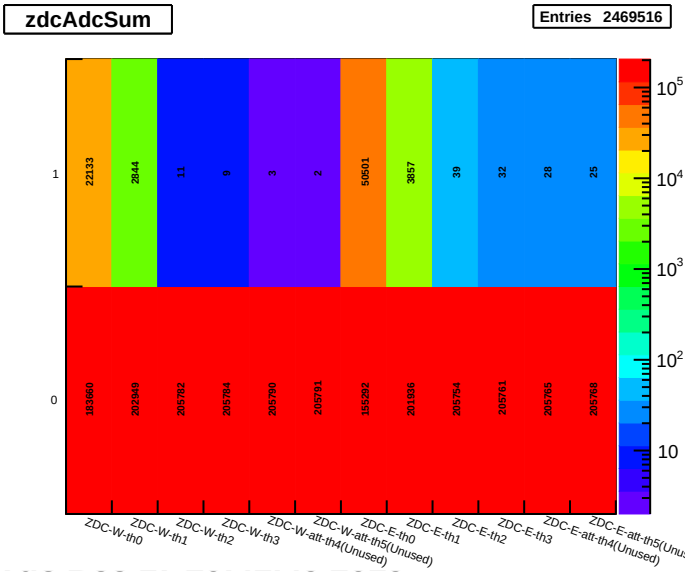

vpdWestTacMaxVsSimu
Entries 165872
Data
Simu

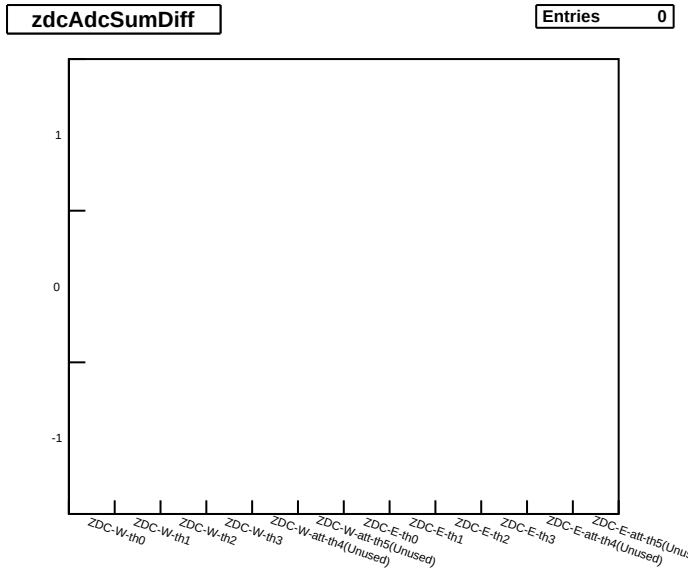

zdcEastTac
Entries 205793

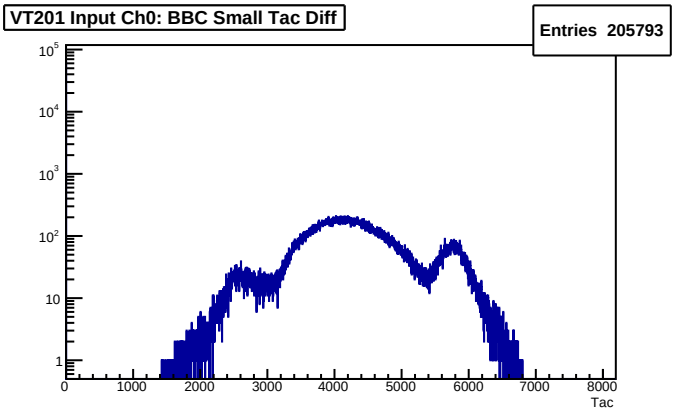

zdcEastTacVsSimu
Entries 818
Data
Simu

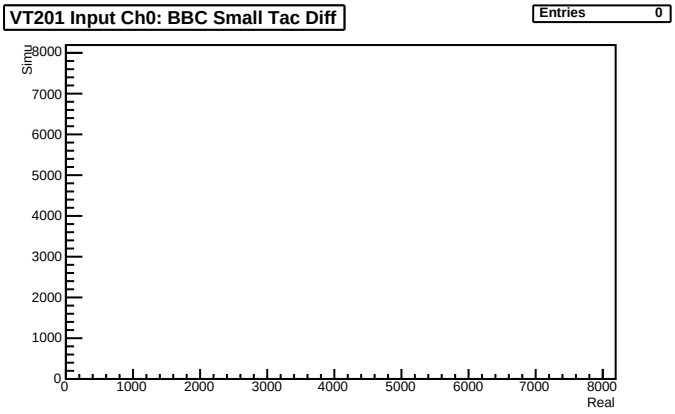

zdcWestTac
Entries 205793

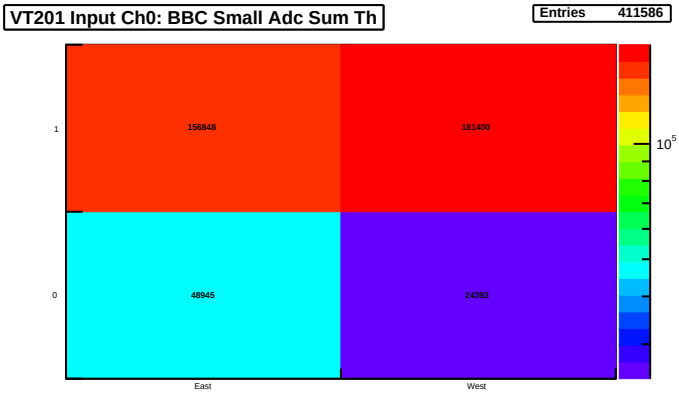

zdcWestTacVsSimu
Entries 1515
Data
Simu

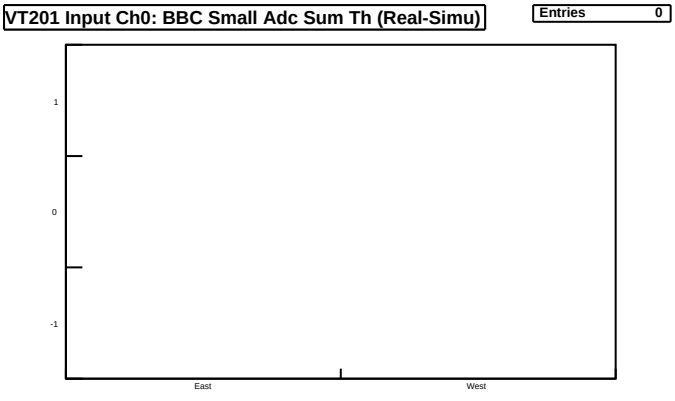

zdcAdcSum
Entries 2469516
22133
2844
11
9
3
2
50501
3857
39
32
28
25
183660
202849
205782
205784
205790
205791
155292
201836
205754
205761
205765
205768
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

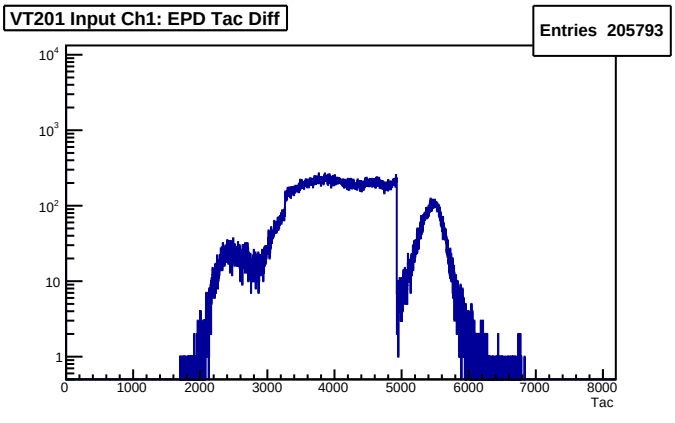

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

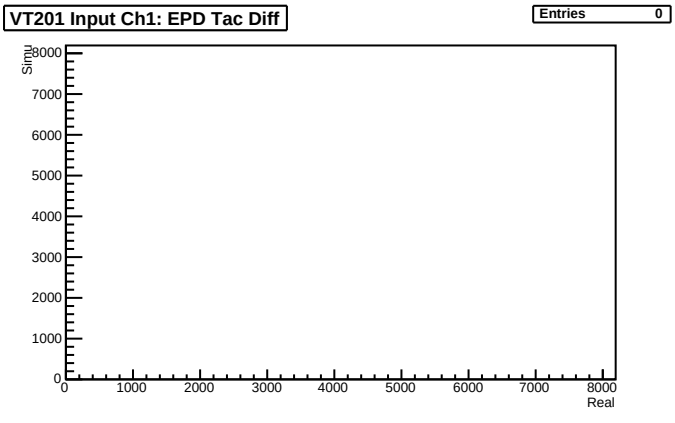

VT201 Input Ch0: BBC Small Tac Diff
Entries 205793
Tac

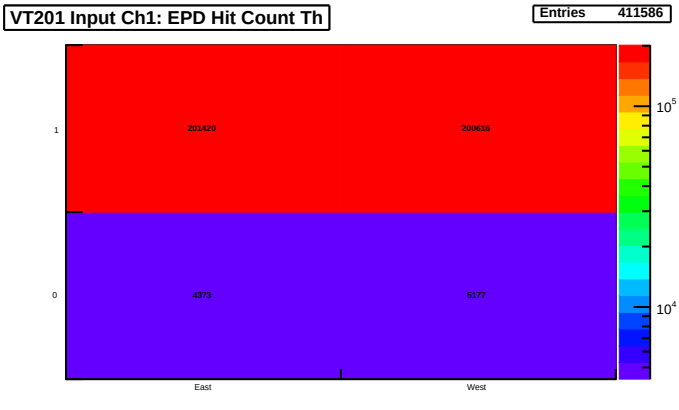

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

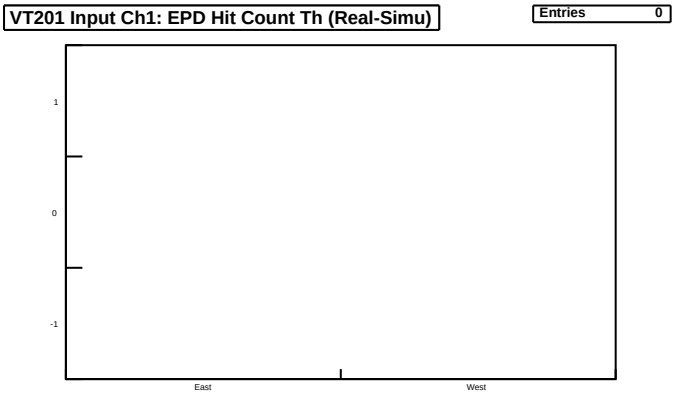

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 411586
156848
181400
48945
24393
East
West

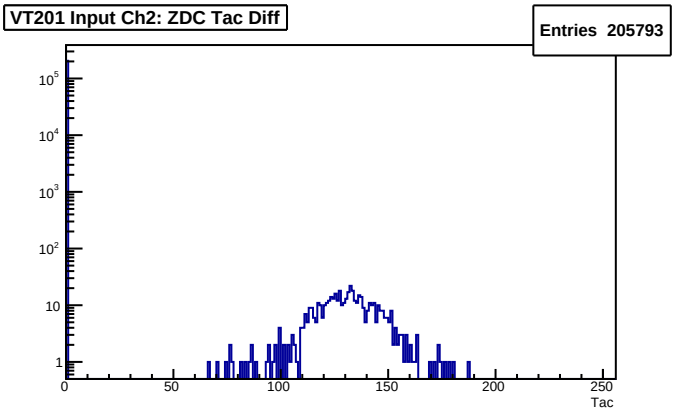

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

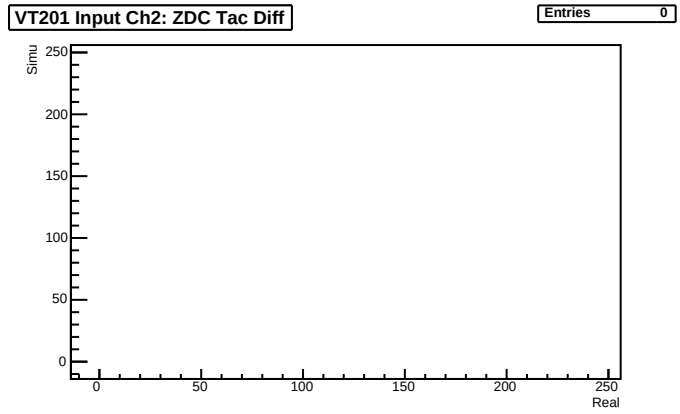

VT201 Input Ch1: EPD Tac Diff
Entries 205793
Tac

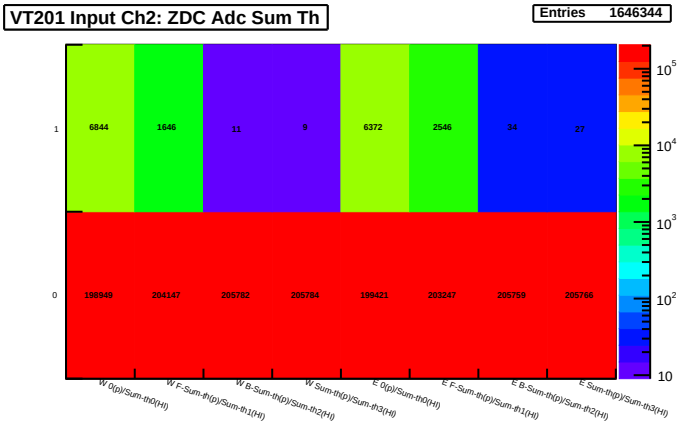

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

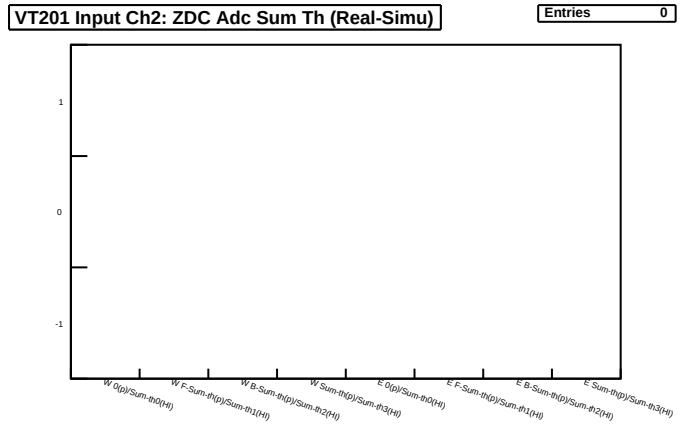

VT201 Input Ch1: EPD Hit Count Th
Entries 411586
201420
200616
4373
5177
East
West

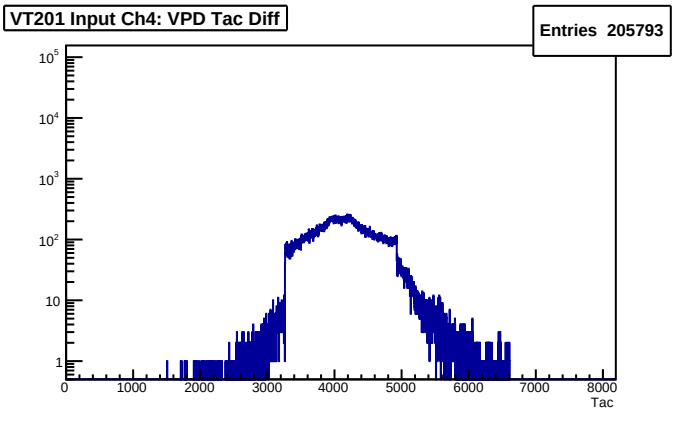

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

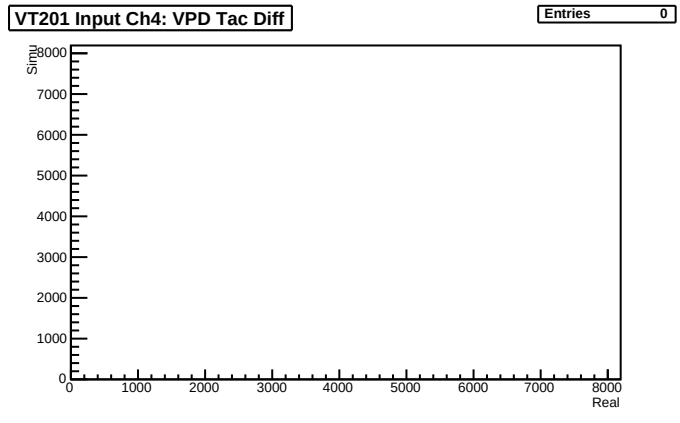

VT201 Input Ch2: ZDC Tac Diff
Entries 205793
Tac

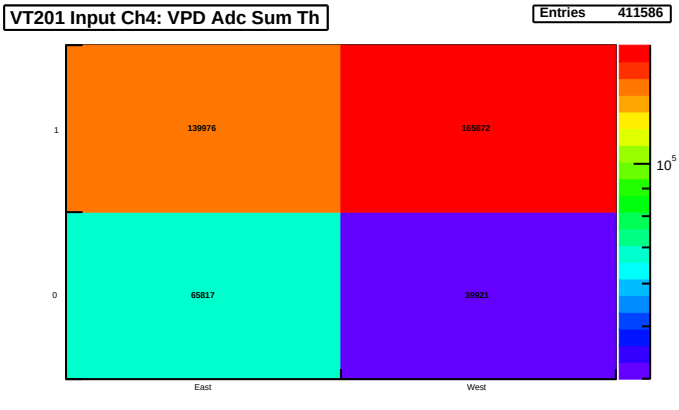

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

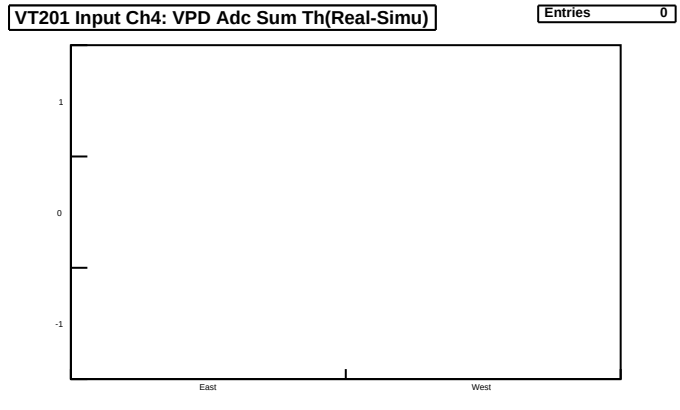

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1646344
6844
1646
11
9
6372
2546
34
27
198949
204147
205782
205784
199421
203247
205759
205766
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

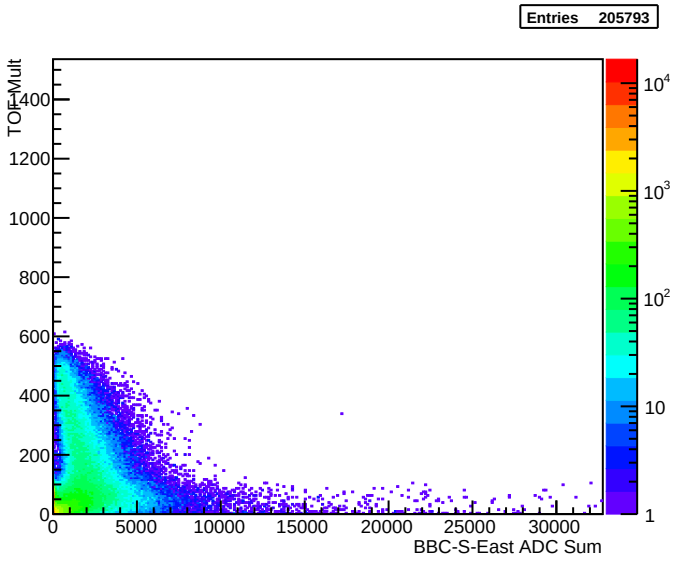

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

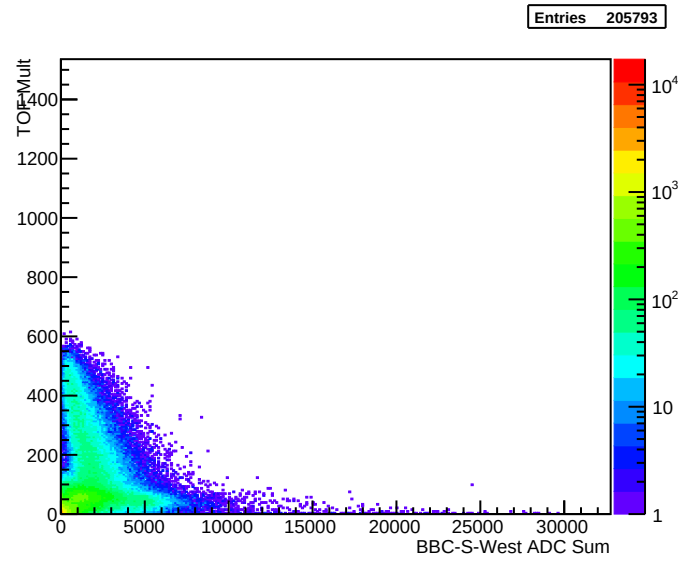

VT201 Input Ch4: VPD Tac Diff
Entries 205793
Tac

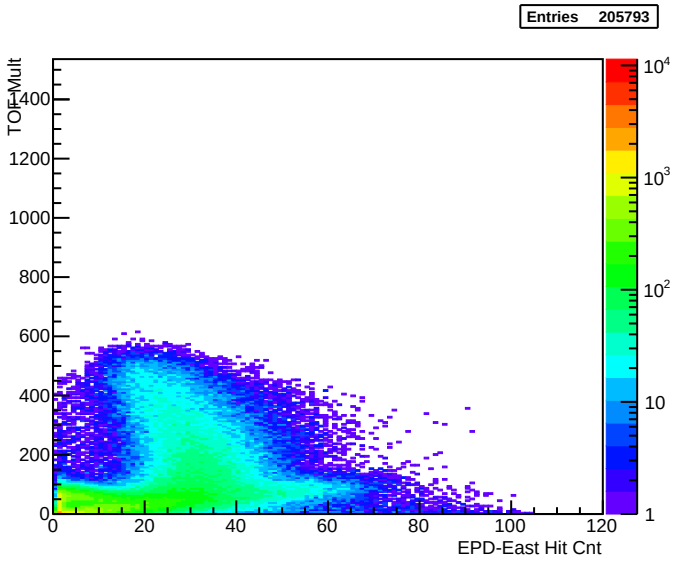

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

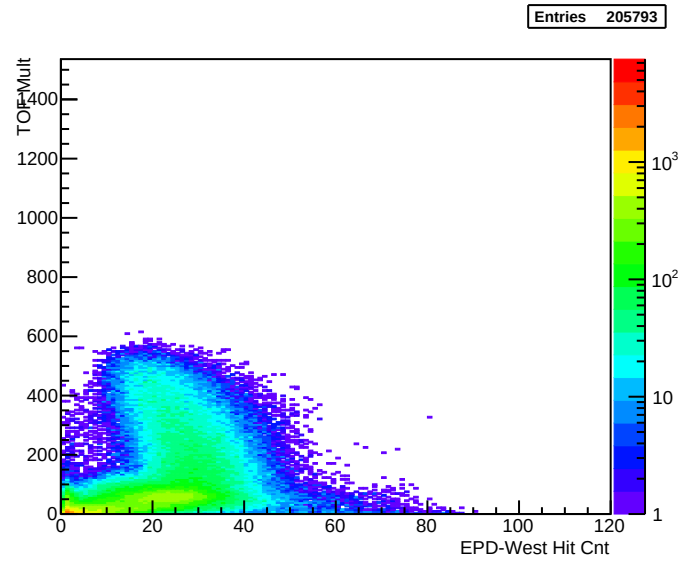

VT201 Input Ch4: VPD Adc Sum Th
Entries 411586
139976
165872
65817
39921
East
West

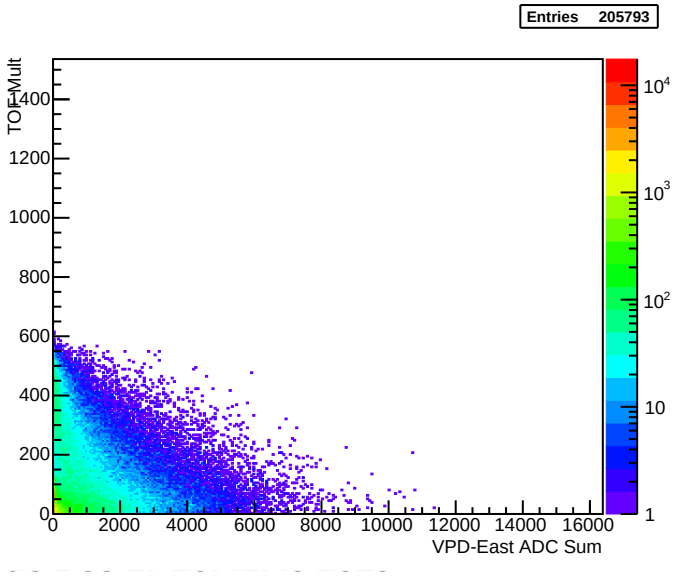

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

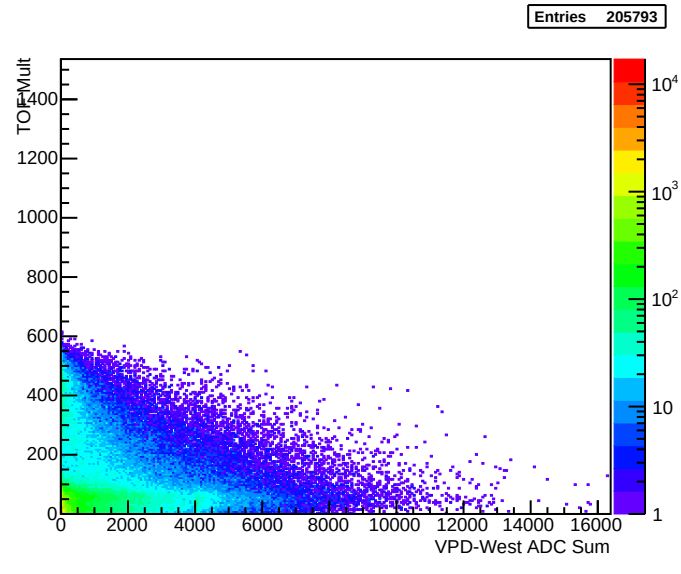

Entries 205793
TOF-Mult
BBC-S-East ADC Sum

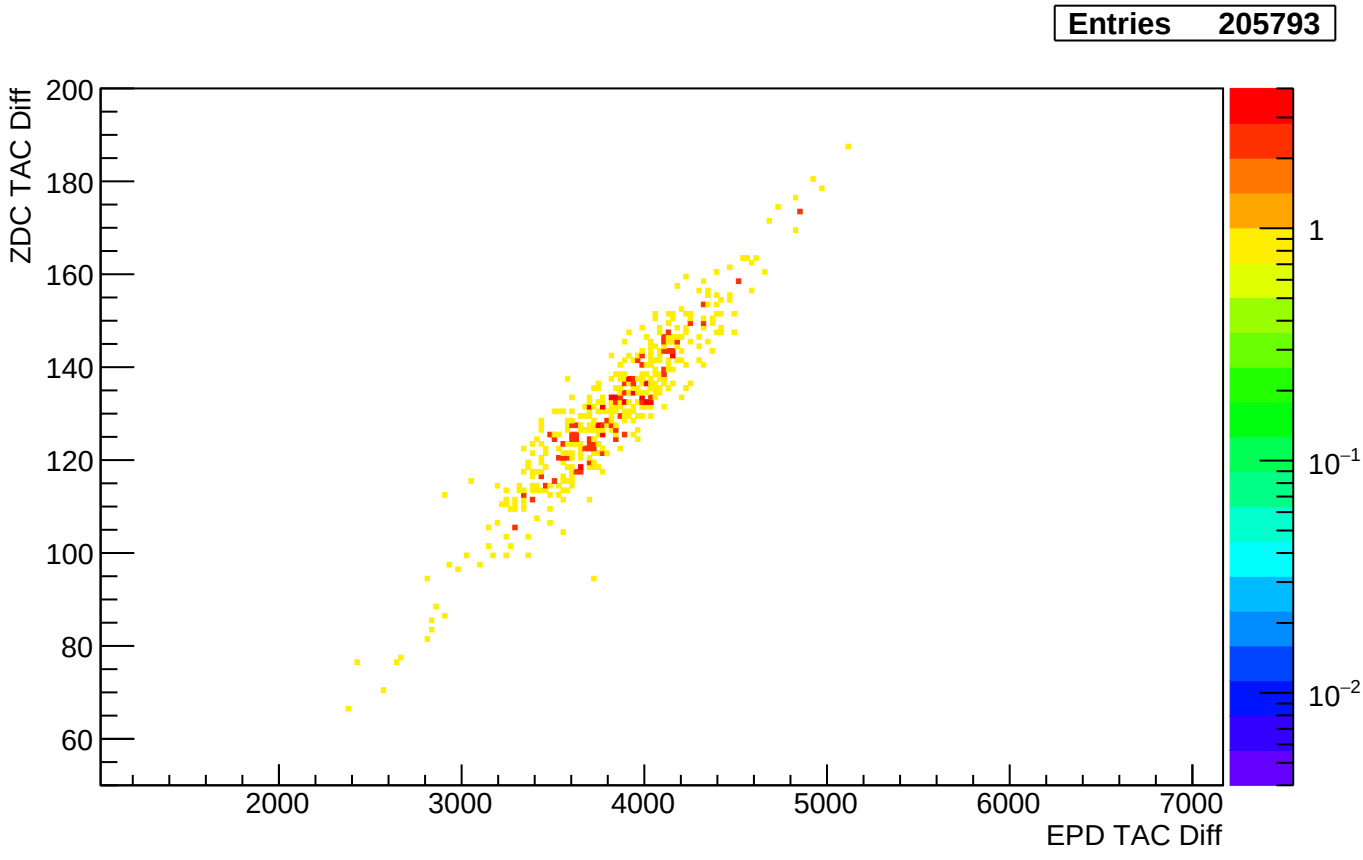

Entries 205793
TOF-Mult
BBC-S-West ADC Sum

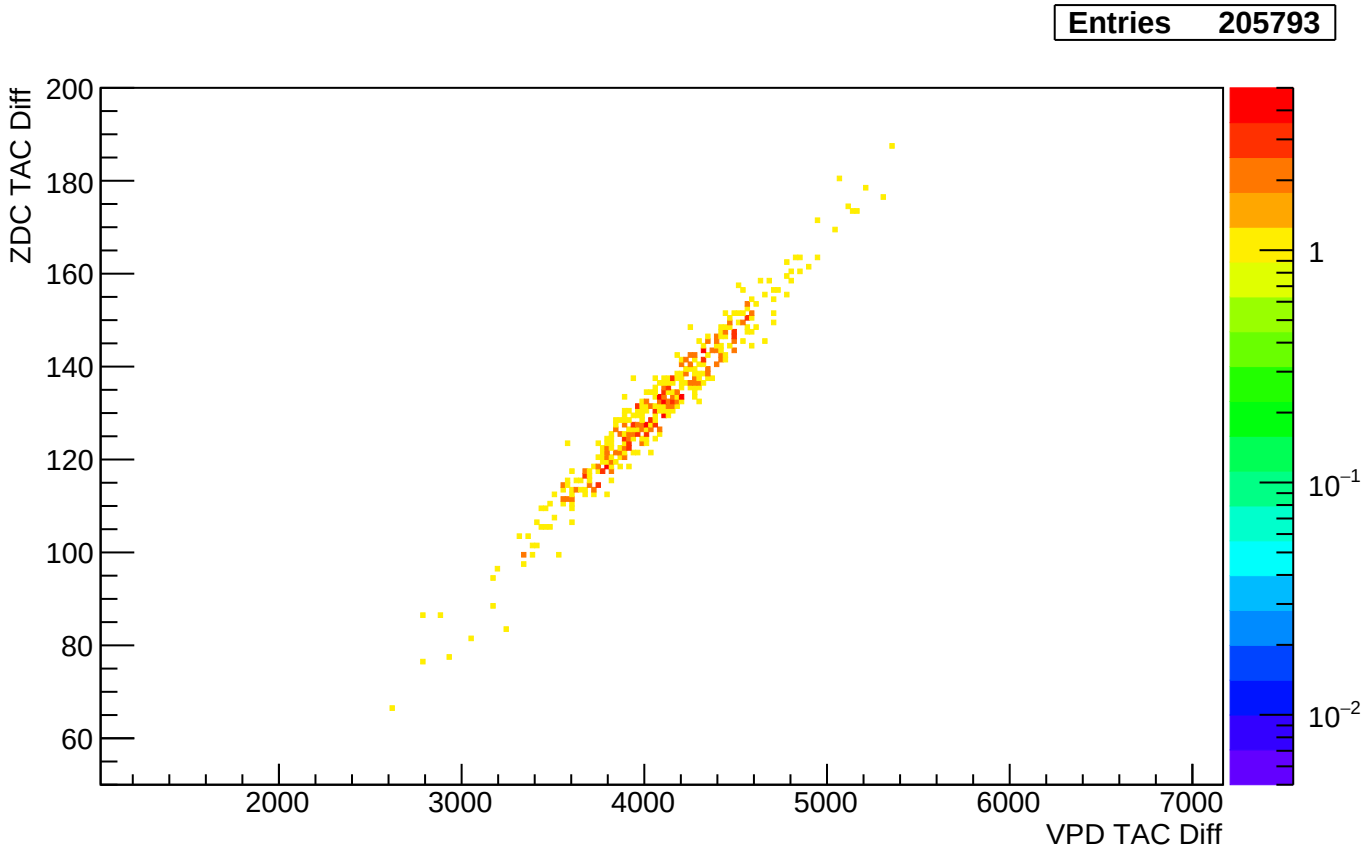

Entries 205793
TOF-Mult
EPD-East Hit Cnt

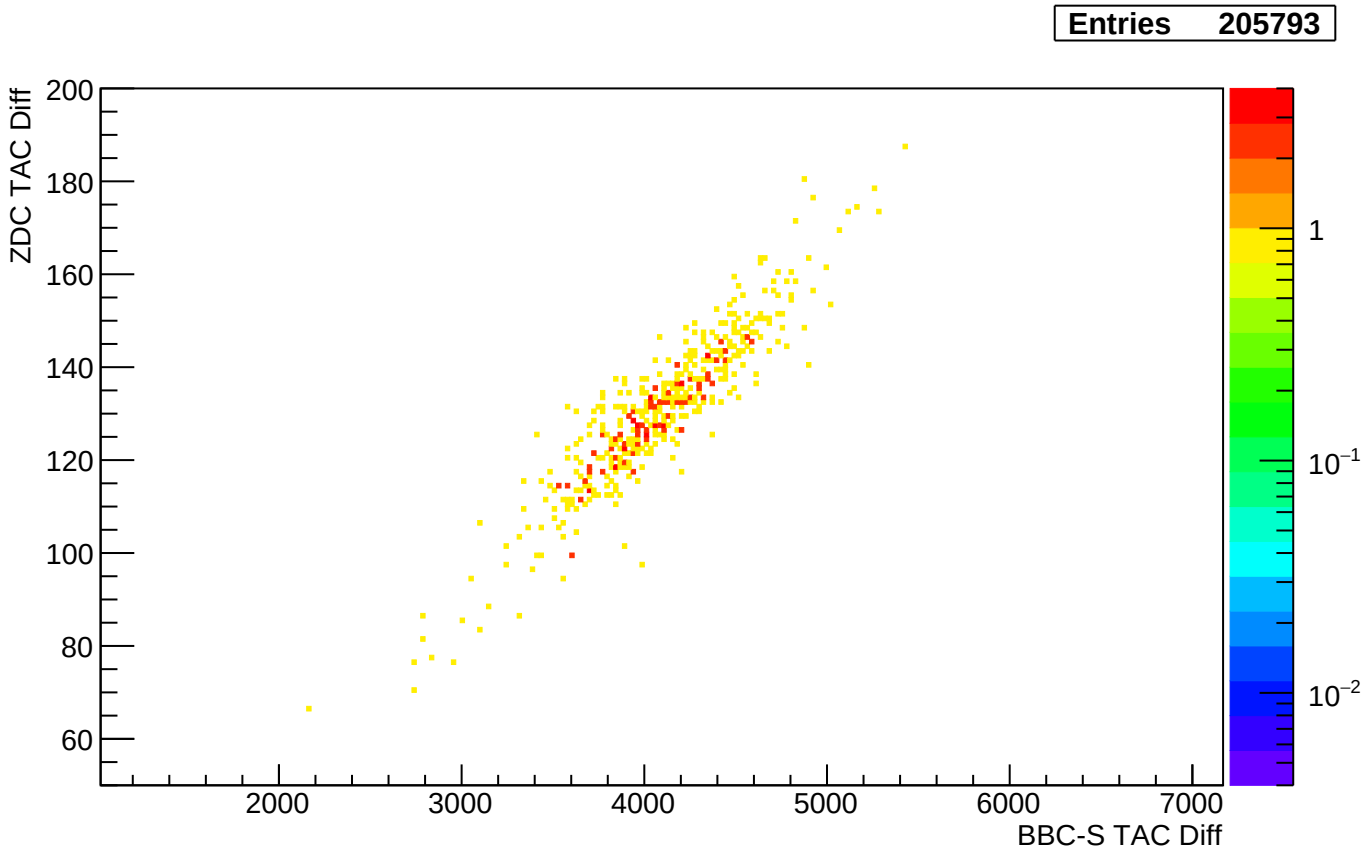

Entries 205793
TOF-Mult
EPD-West Hit Cnt

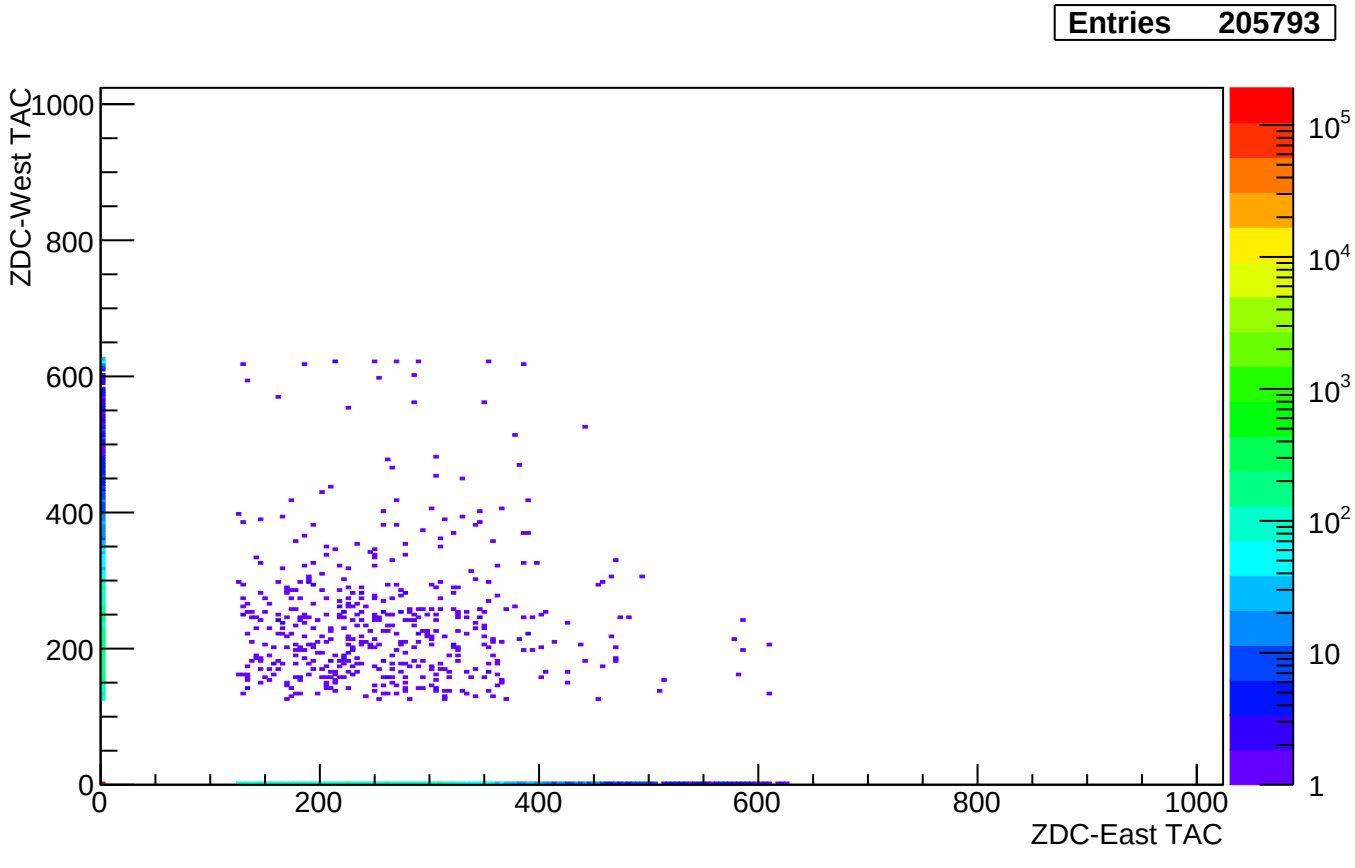

Entries 205793
TOF-Mult
VPD-East ADC Sum

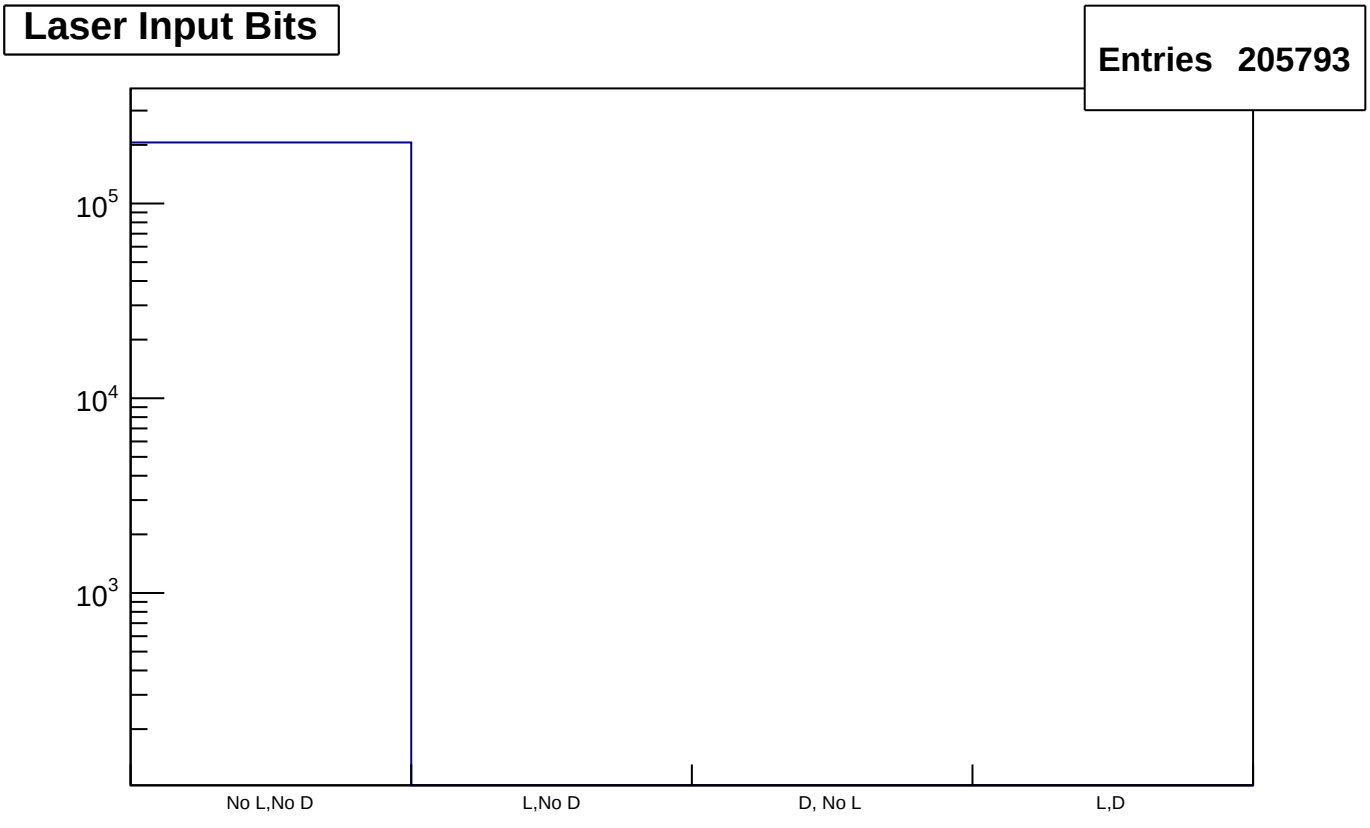

Entries 205793
TOF-Mult
VPD-West ADC Sum

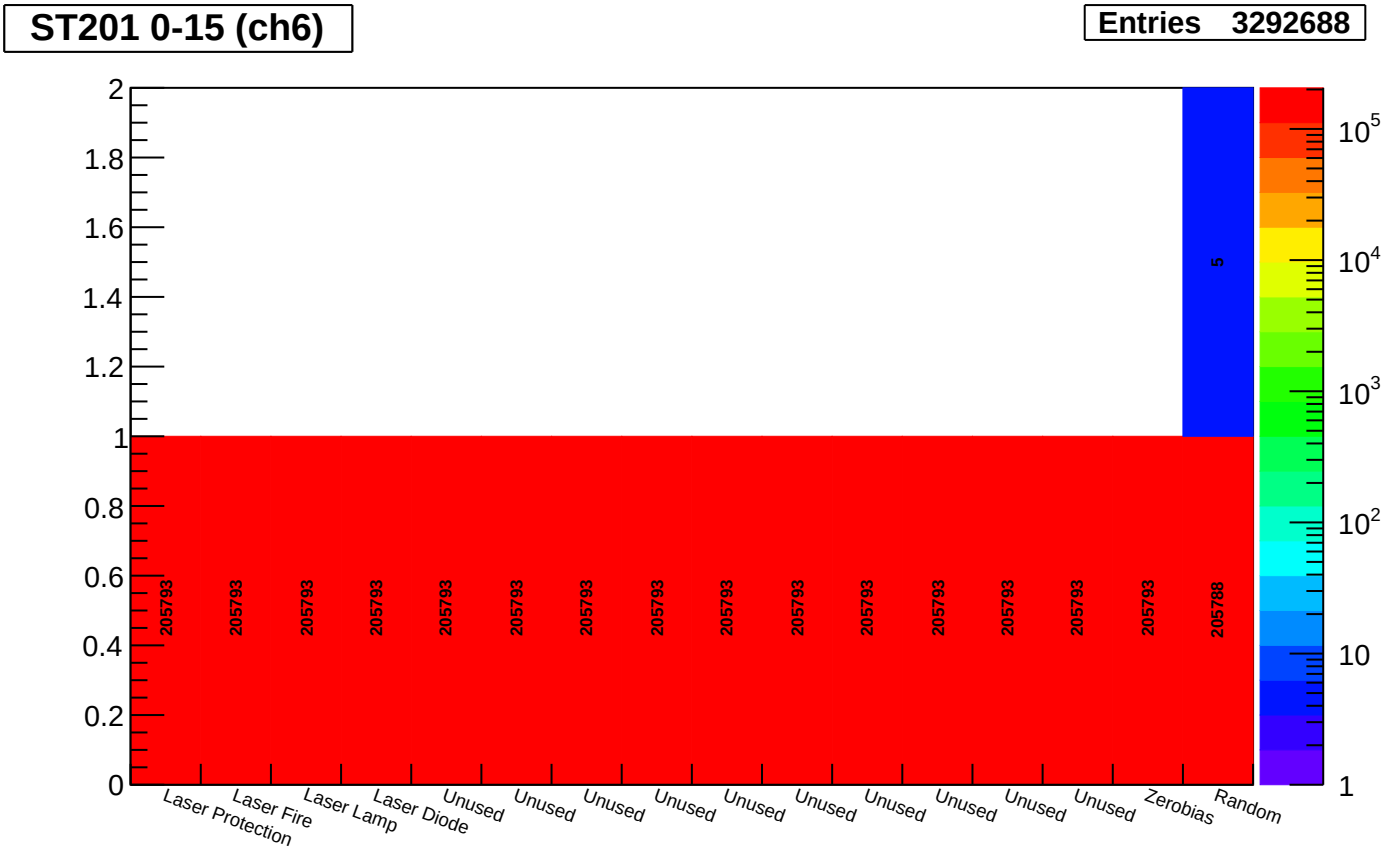

Entries 205793
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

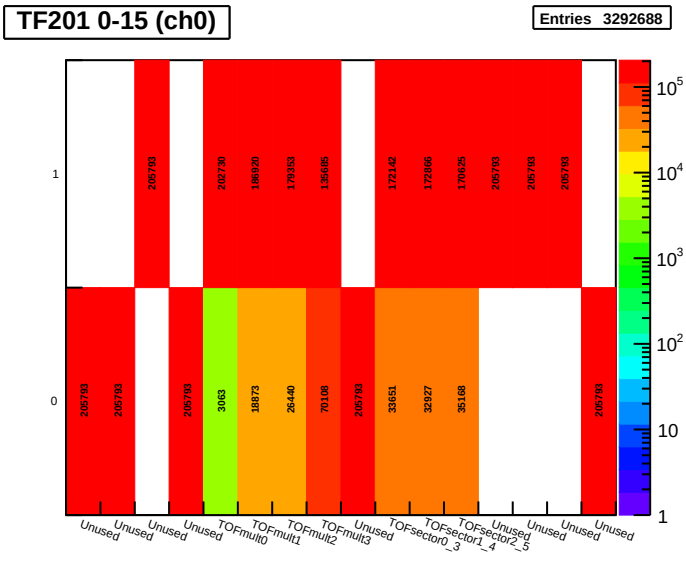

Entries 205793
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

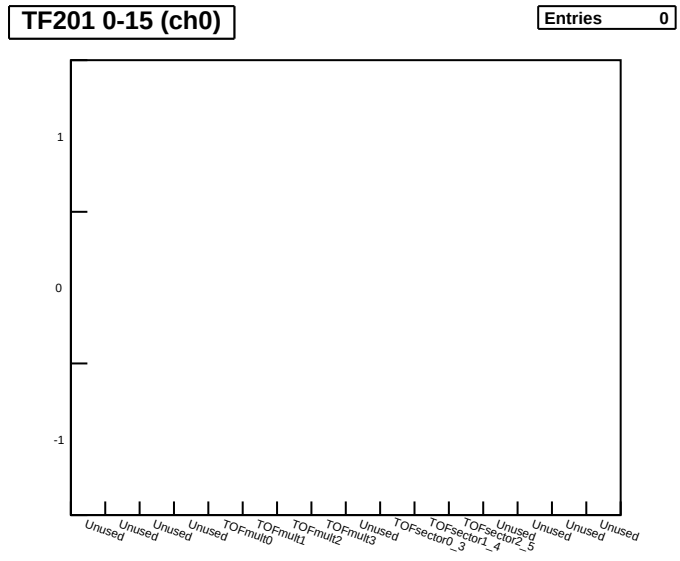

Entries 205793
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

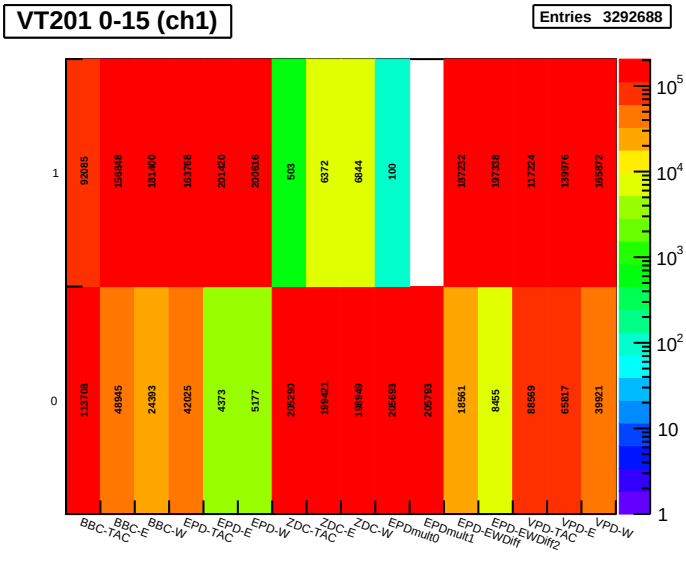

Entries 205793
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

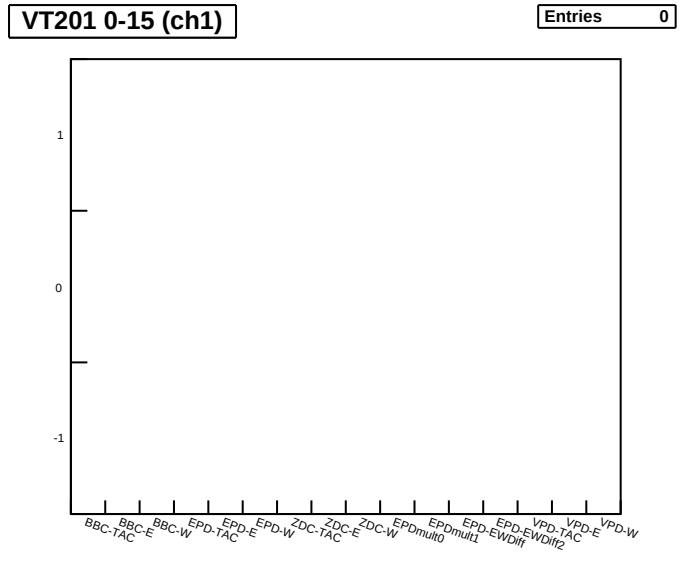

Laser Input Bits
Entries 205793
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

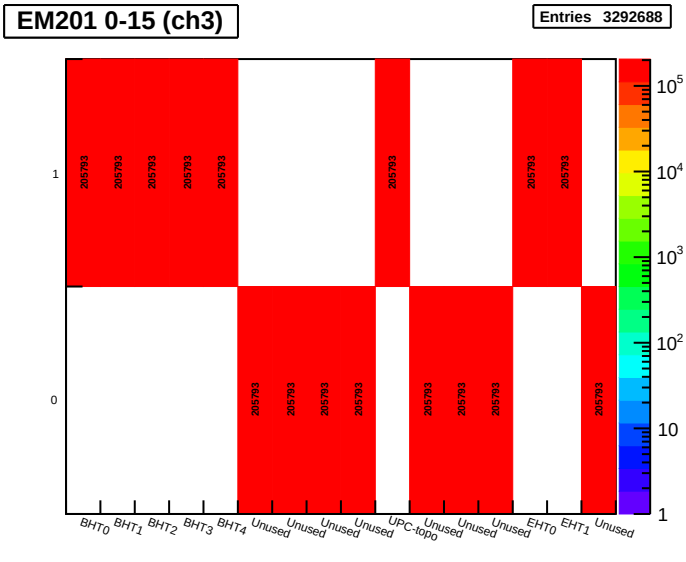

ST201 0-15 (ch6)
Entries 3292688
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
205793
205793
205793
205793
205793
205793
205793
205793
205793
205793
205793
205793
205793
205793
205793
205788
5
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

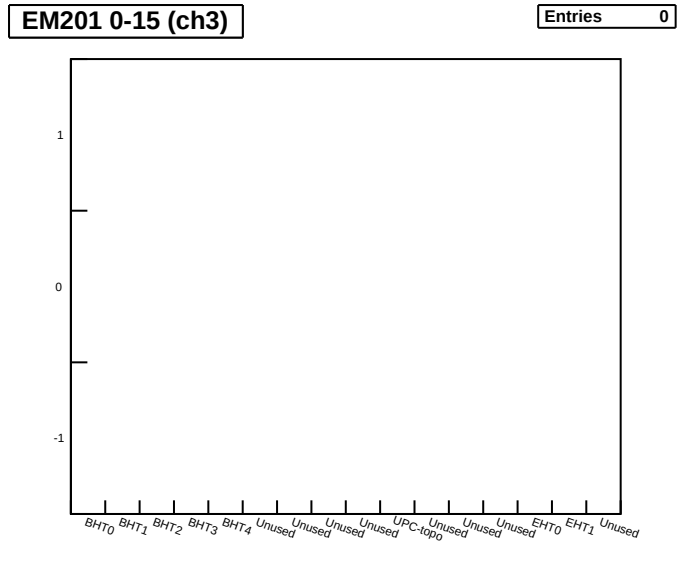

TF201 0-15 (ch0)
Entries 3292688
1
0
205793 202730 186920 179353 135685 172142 172366 170625 205793 205793 205793
205793 205793 205793 3063 18873 26440 70108 205793 33651 32927 35168 205793
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 3292688
1
0
92085 156848 181400 163768 201420 200616 503 6372 6844 100 187232 197338 117224 139976 165872
113708 48945 24393 42025 4373 5177 205290 199421 198949 205693 205793 18561 8455 88569 65817 39821
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 3292688
1
0
205793 205793 205793 205793 205793 205793 205793 205793
205793 205793 205793 205793 205793 205793 205793 205793
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