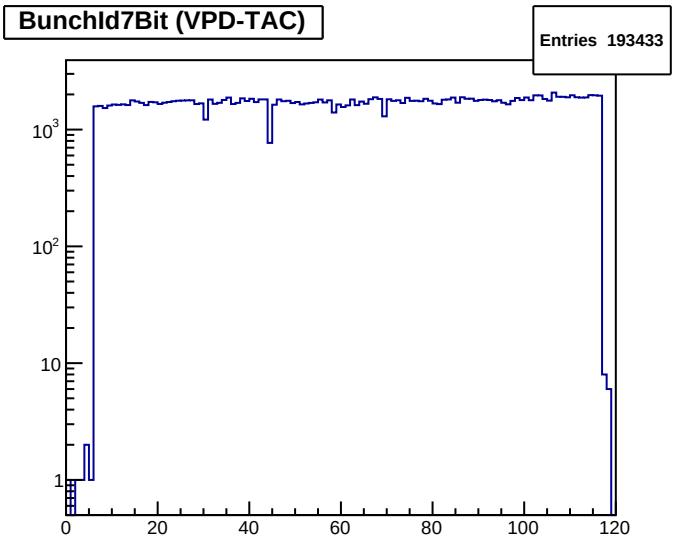
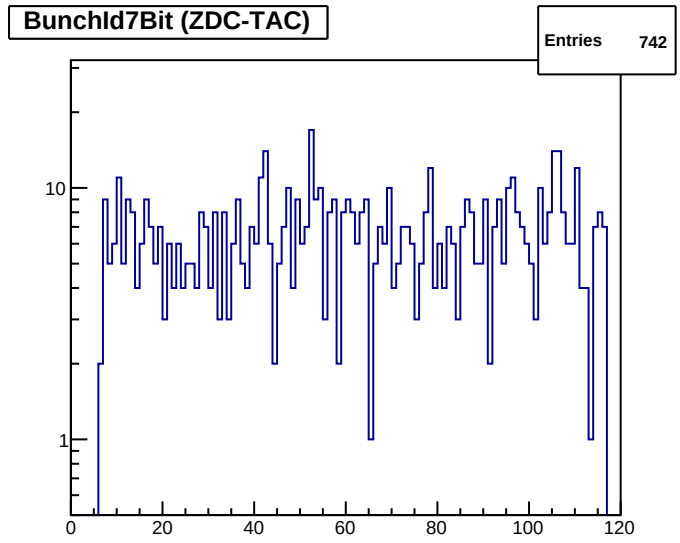
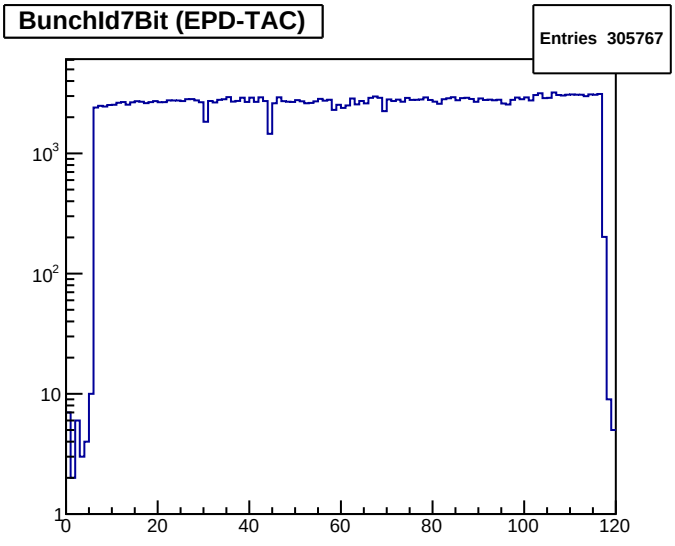
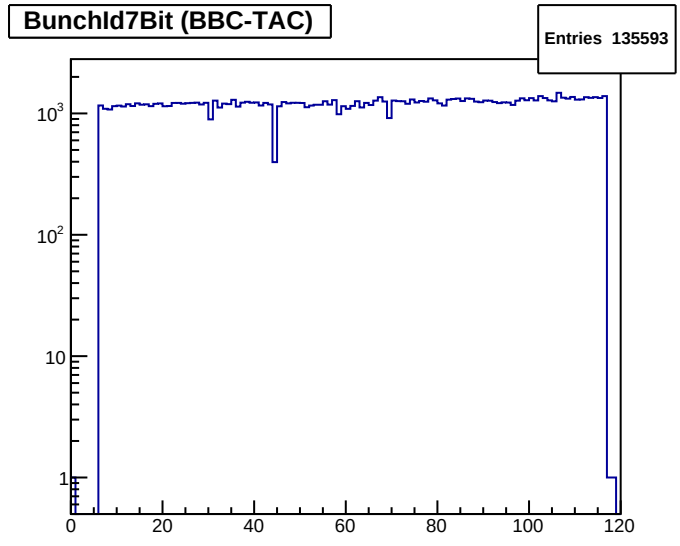
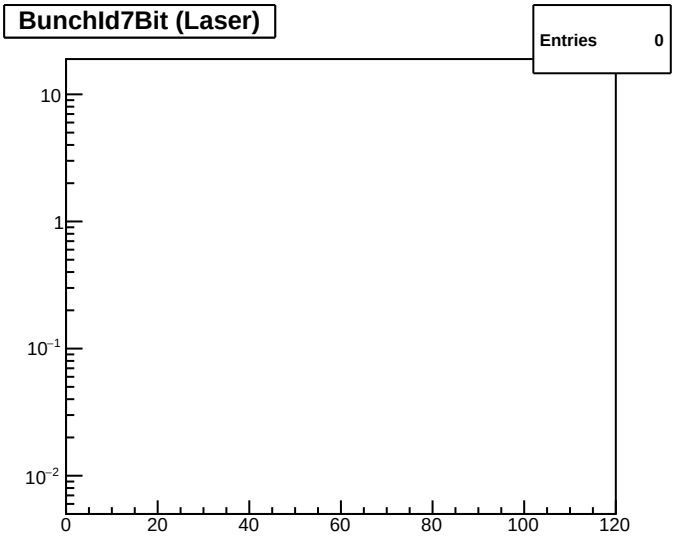
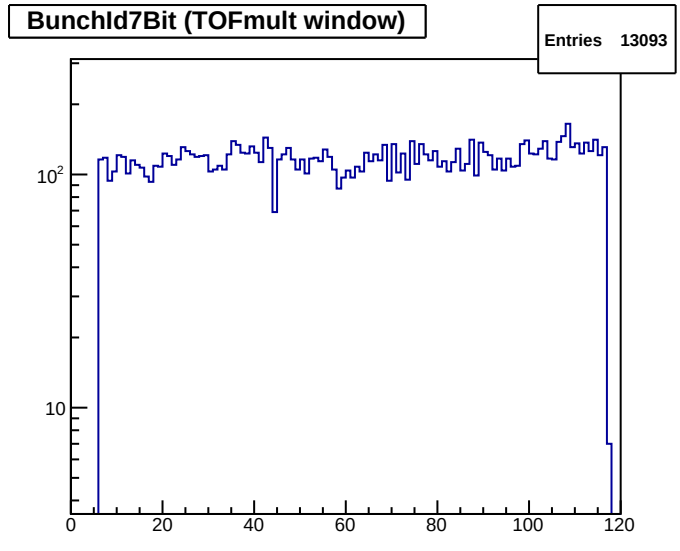

BunchId7Bit (VPD-TAC)
Entries 193433

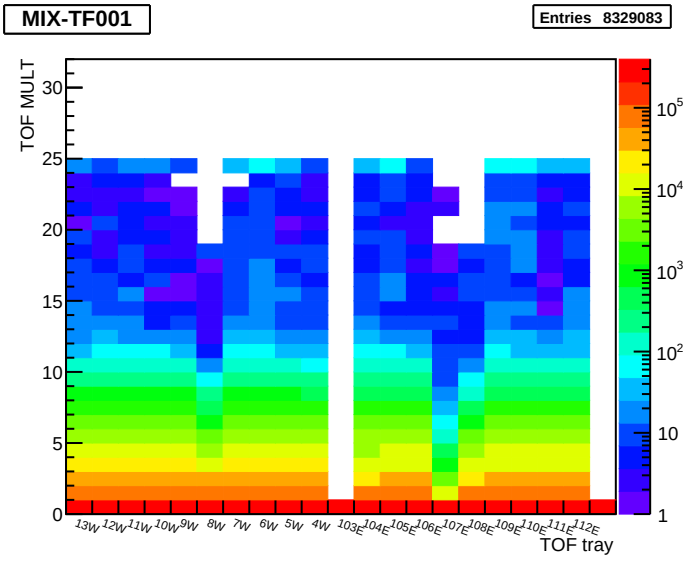

BunchId7Bit (ZDC-TAC)
Entries 742

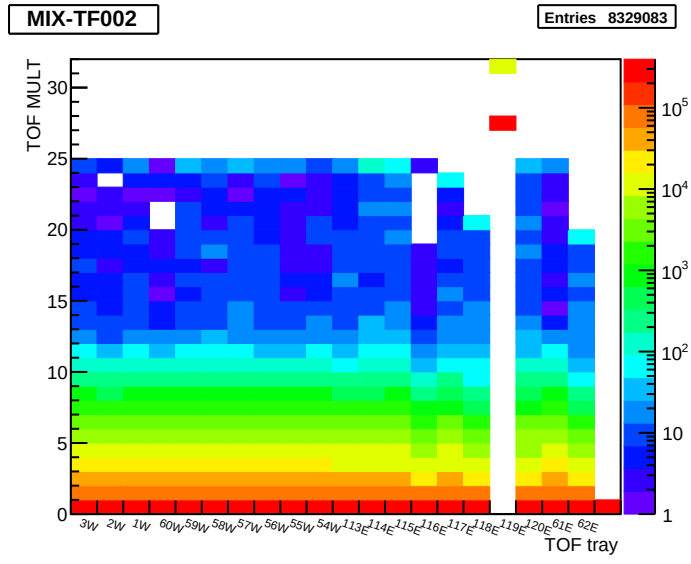

BunchId7Bit (EPD-TAC)
Entries 305767

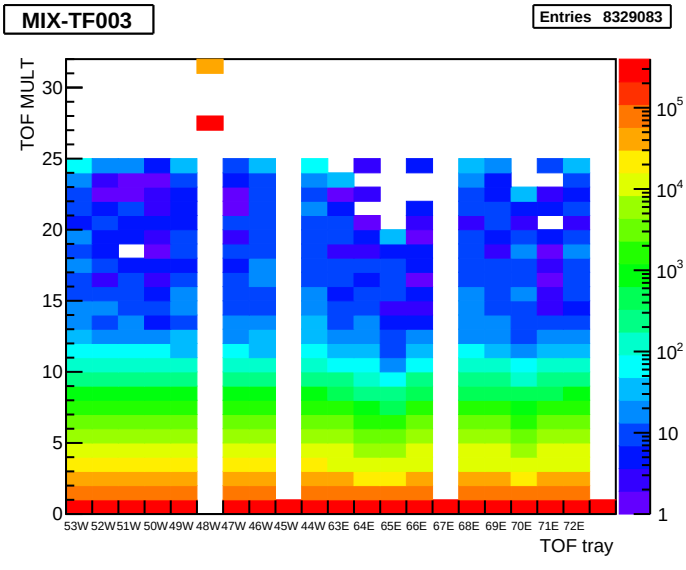

BunchId7Bit (BBC-TAC)
Entries 135593

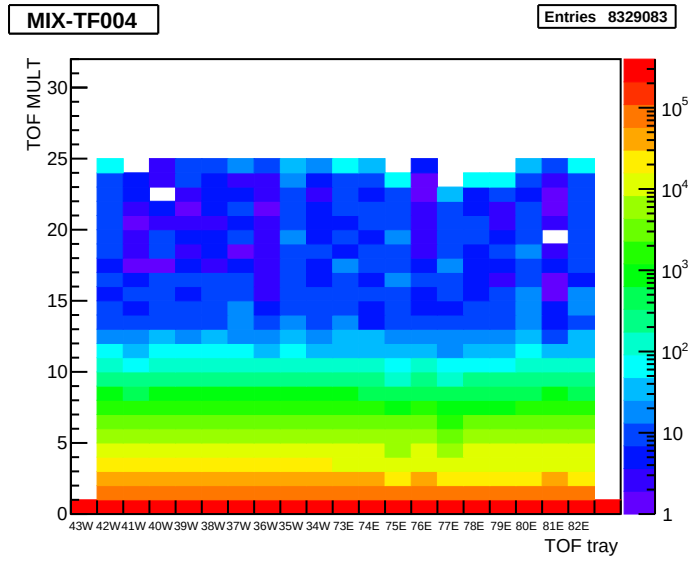

BunchId7Bit (Laser)
Entries 0

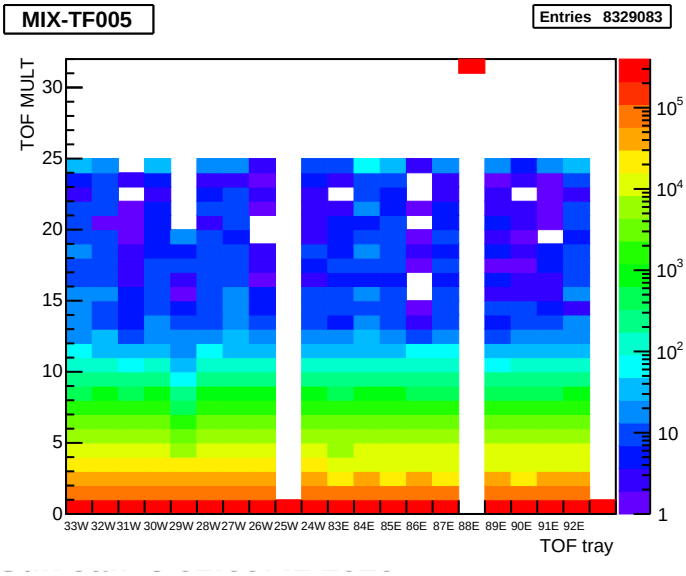

BunchId7Bit (TOFmult window)
Entries 13093

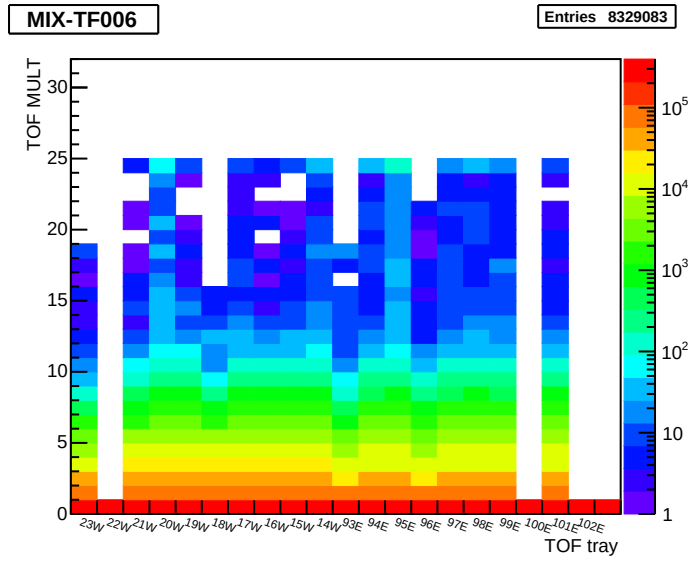

MIX-TF001
Entries 8329083
TOF MULT
TOF tray

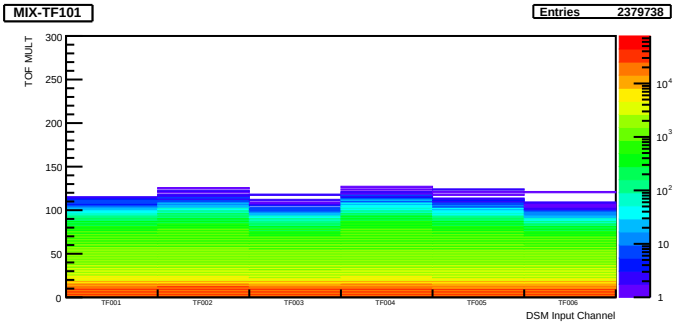

MIX-TF002
Entries 8329083
TOF MULT
TOF tray

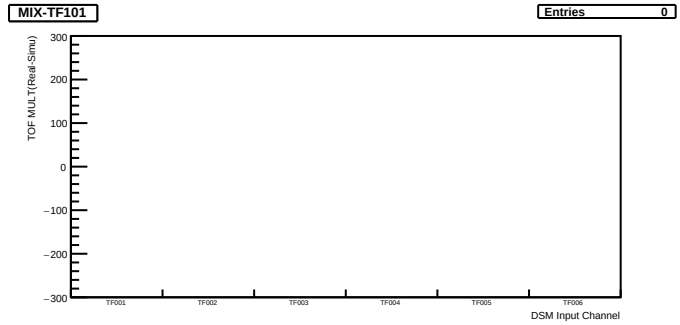

MIX-TF003
Entries 8329083
TOF MULT
TOF tray

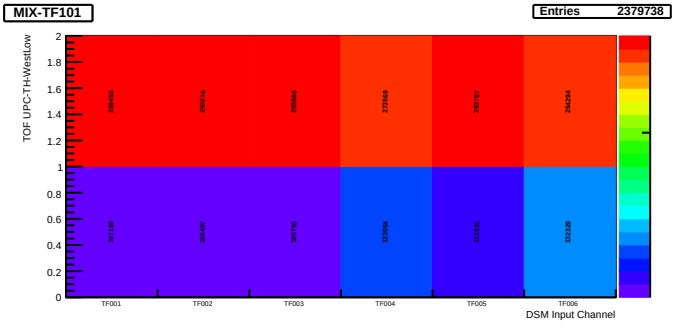

MIX-TF004
Entries 8329083
TOF MULT
TOF tray

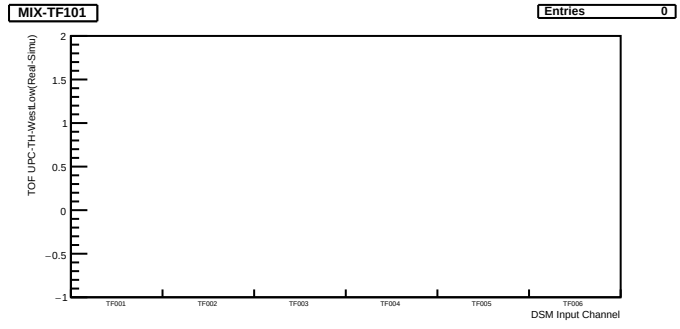

MIX-TF005
Entries 8329083
TOF MULT
TOF tray

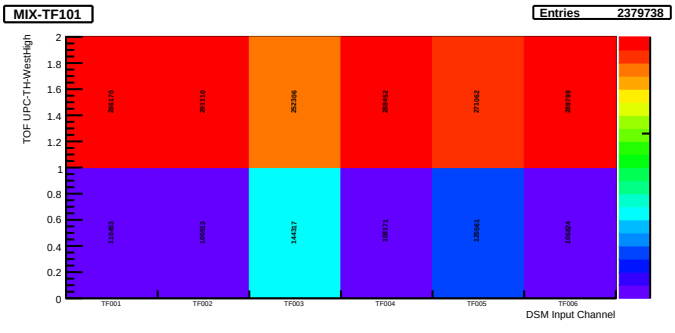

MIX-TF006
Entries 8329083
TOF MULT
TOF tray

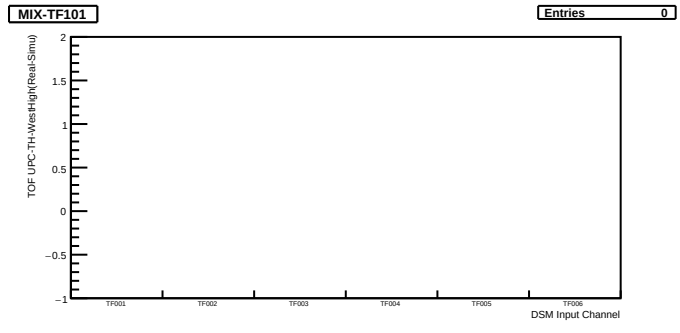

MIX-TF101
Entries 2379738
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

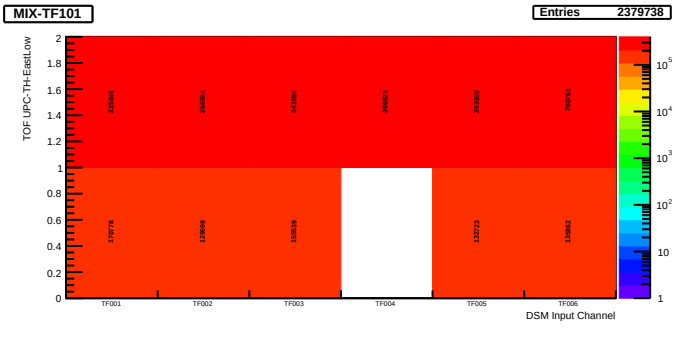

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

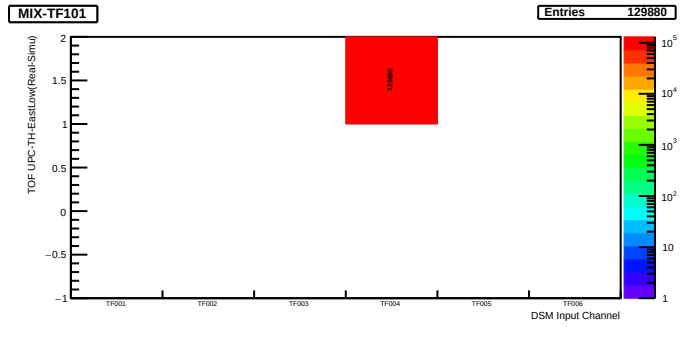

MIX-TF101
Entries 2379738
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

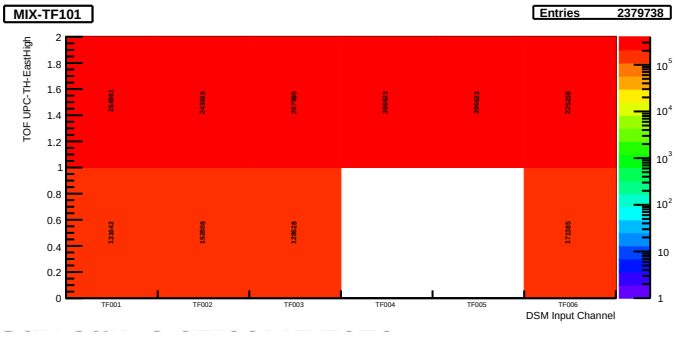

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

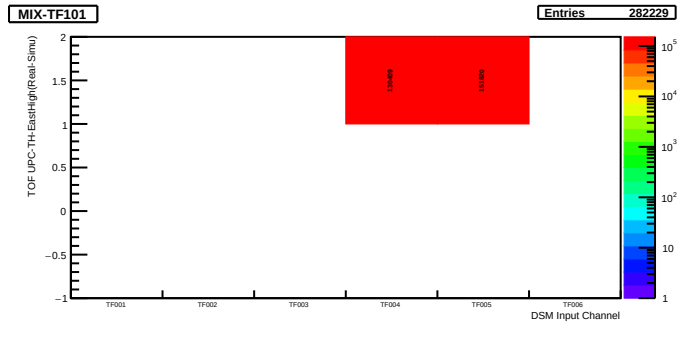

MIX-TF101
Entries 2379738
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

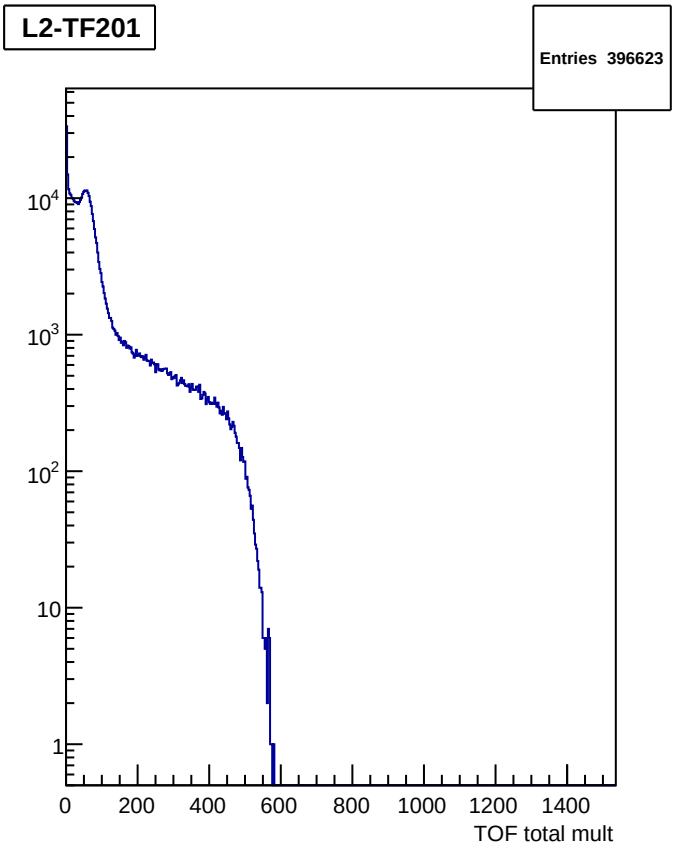

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

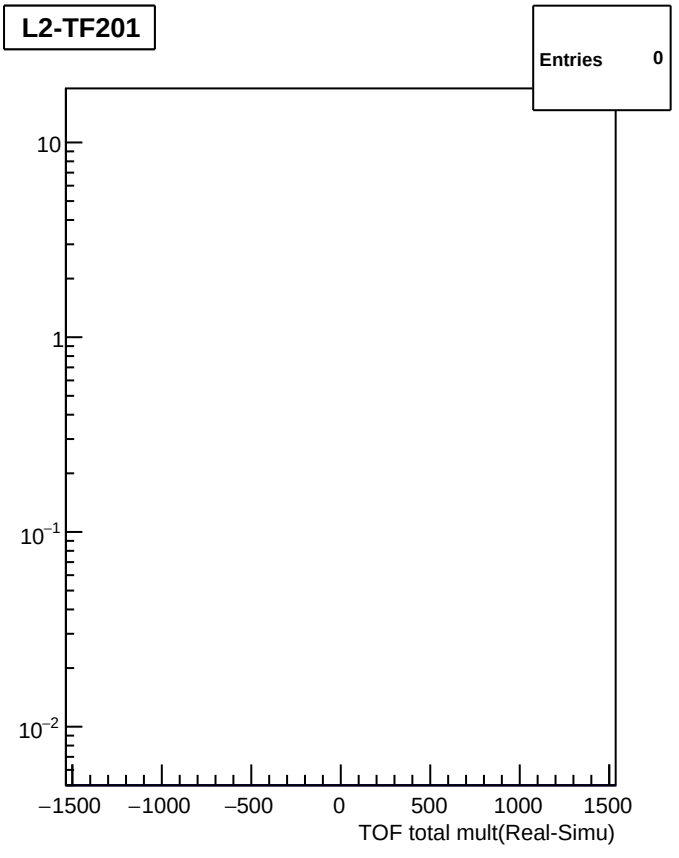

MIX-TF101
Entries 2379738
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

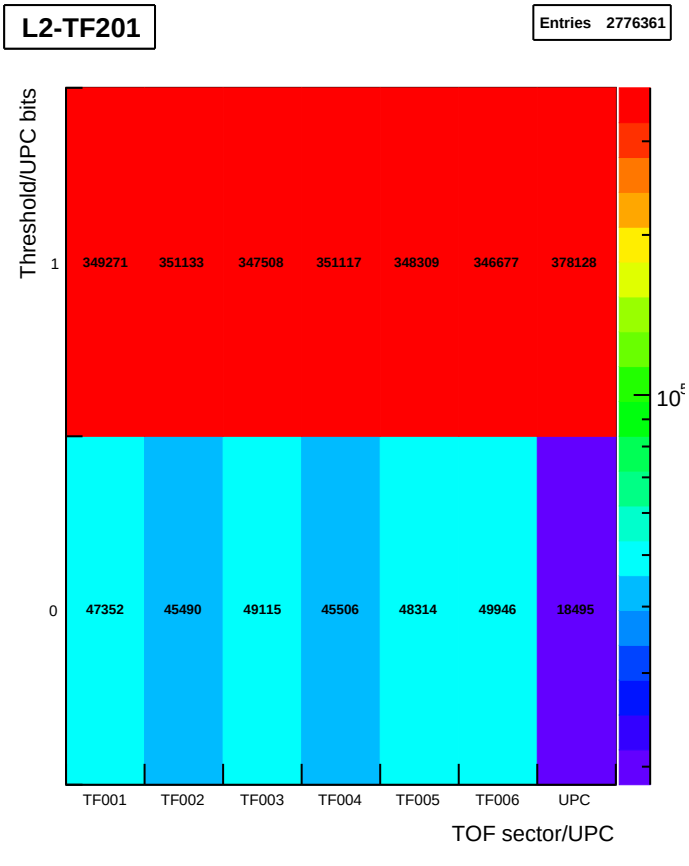

MIX-TF101
Entries 129880
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

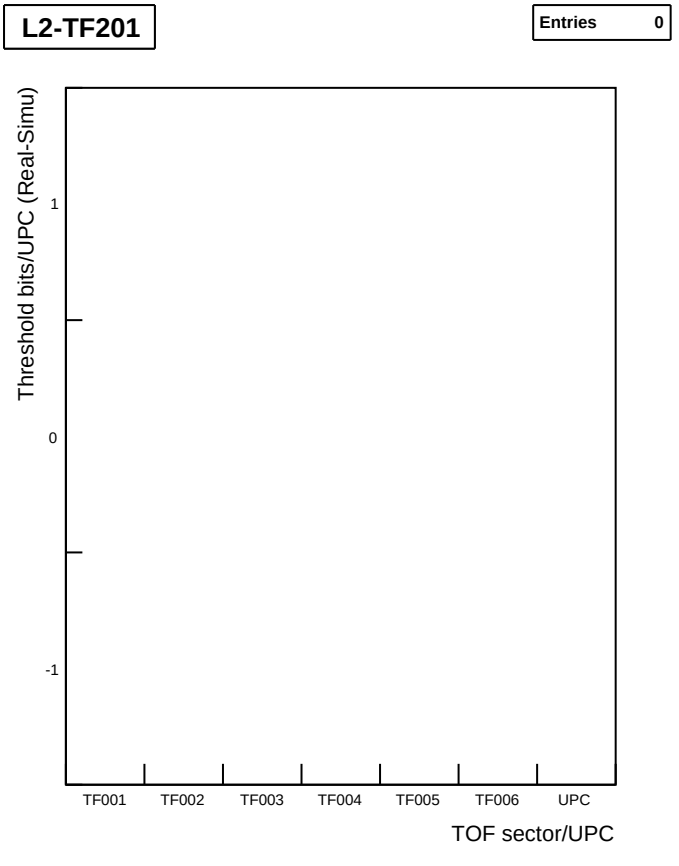

MIX-TF101
Entries 2379738
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

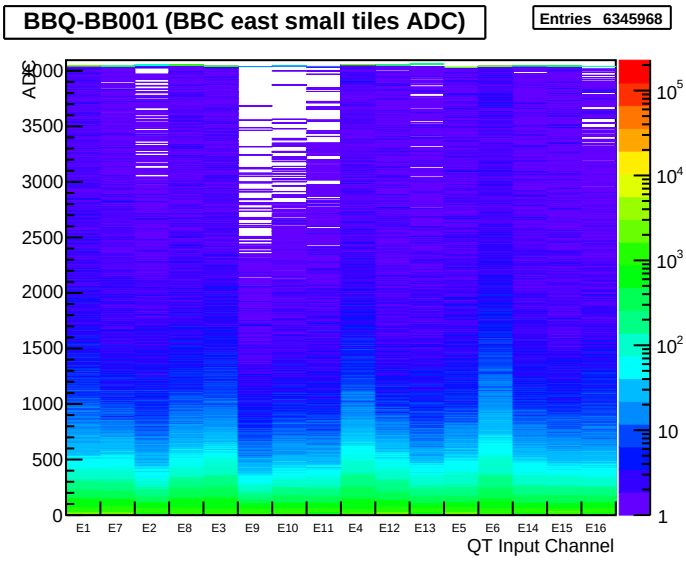

MIX-TF101
Entries 282229
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

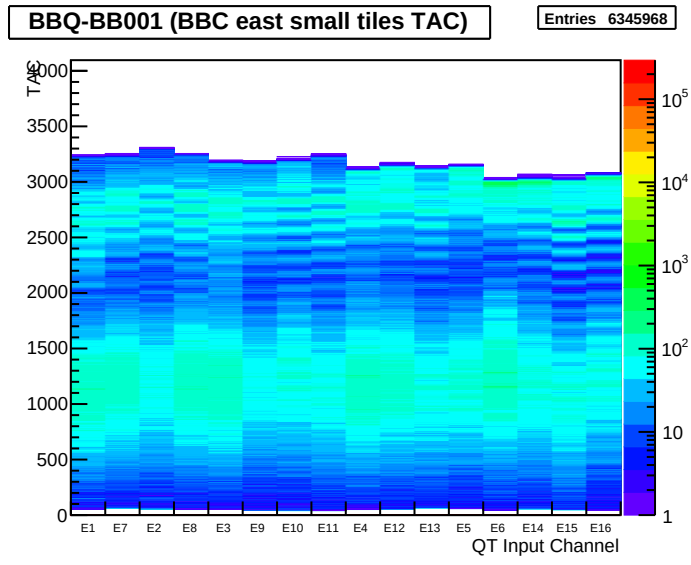

L2-TF201
Entries 396623
TOF total mult

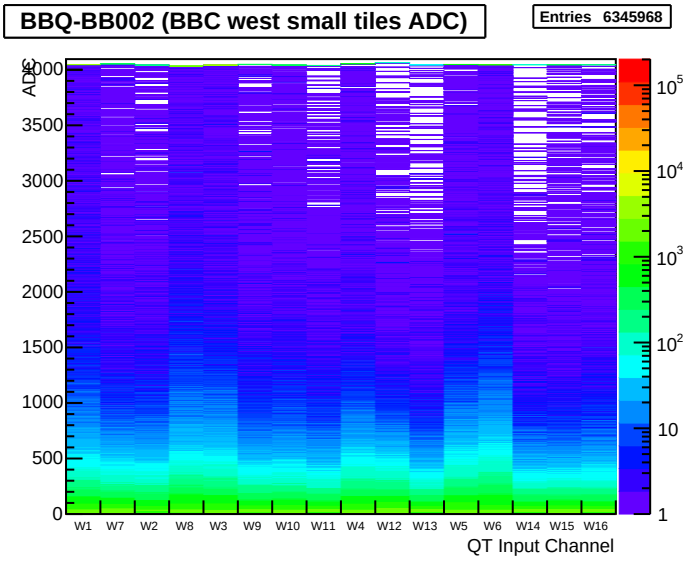

L2-TF201
Entries 0
TOF total mult(Real-Simu)

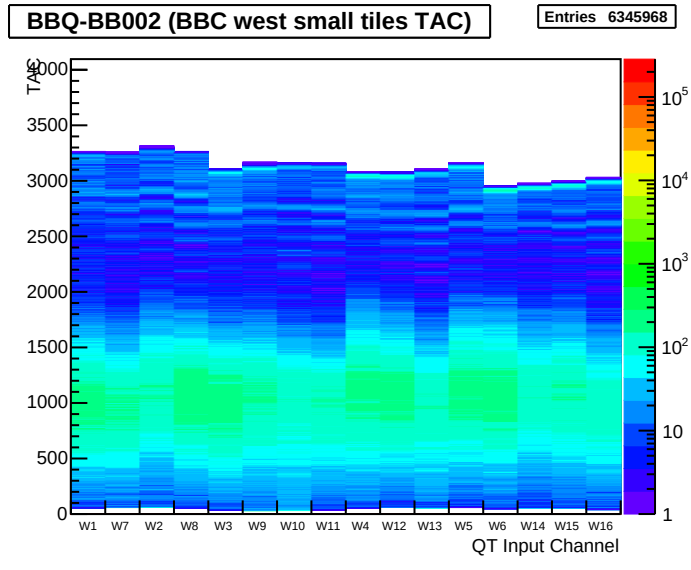

L2-TF201
Entries 2776361
Threshold/UPC bits
349271 351133 347508 351117 348309 346677 378128
47352 45490 49115 45506 48314 49946 18495
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

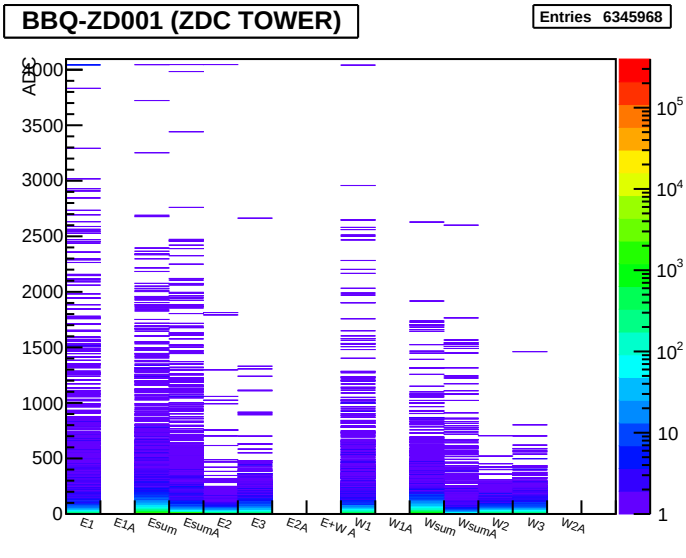

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

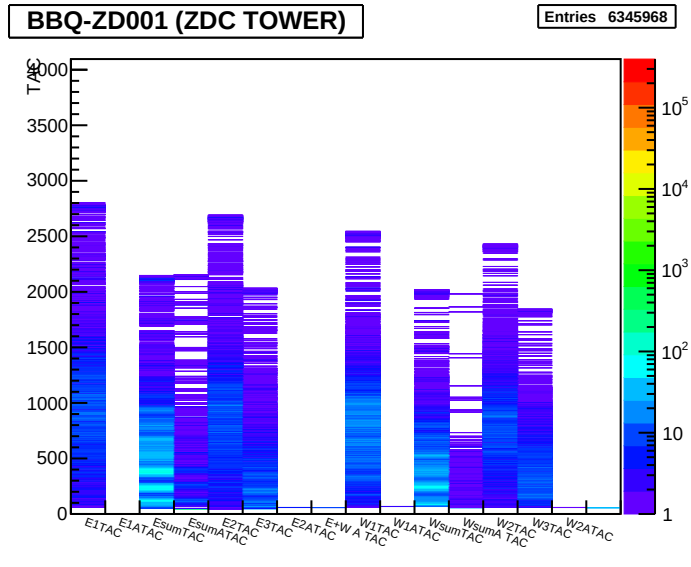

BBQ-BB001 (BBC east small tiles ADC)
Entries 6345968
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

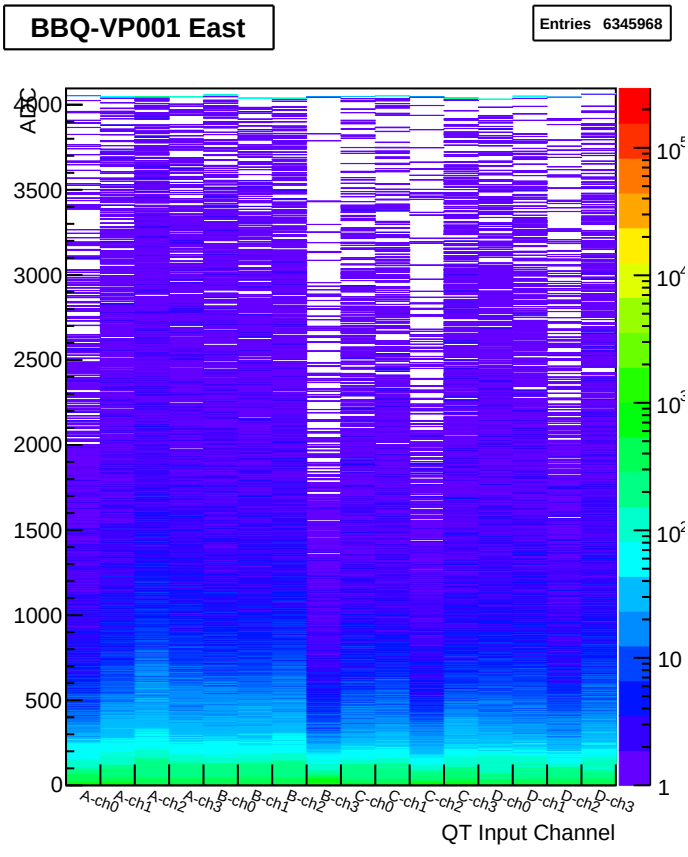

BBQ-BB001 (BBC east small tiles TAC)
Entries 6345968
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

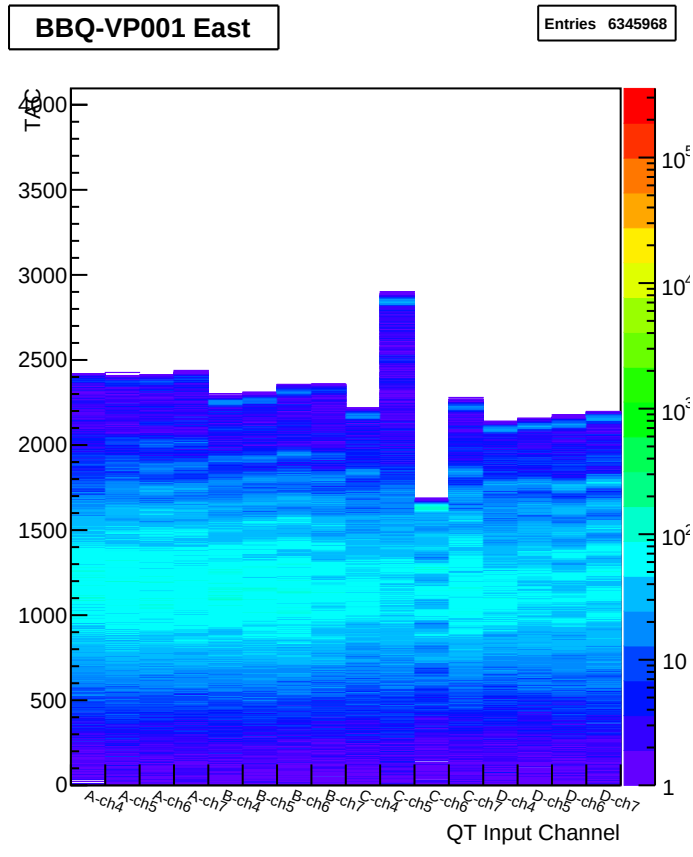

BBQ-BB002 (BBC west small tiles ADC)
Entries 6345968
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

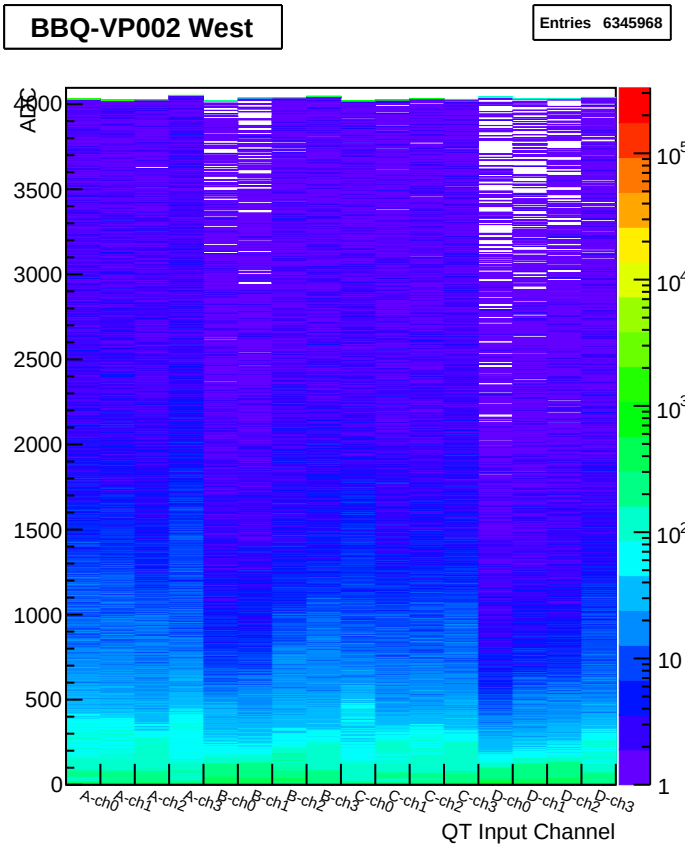

BBQ-BB002 (BBC west small tiles TAC)
Entries 6345968
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

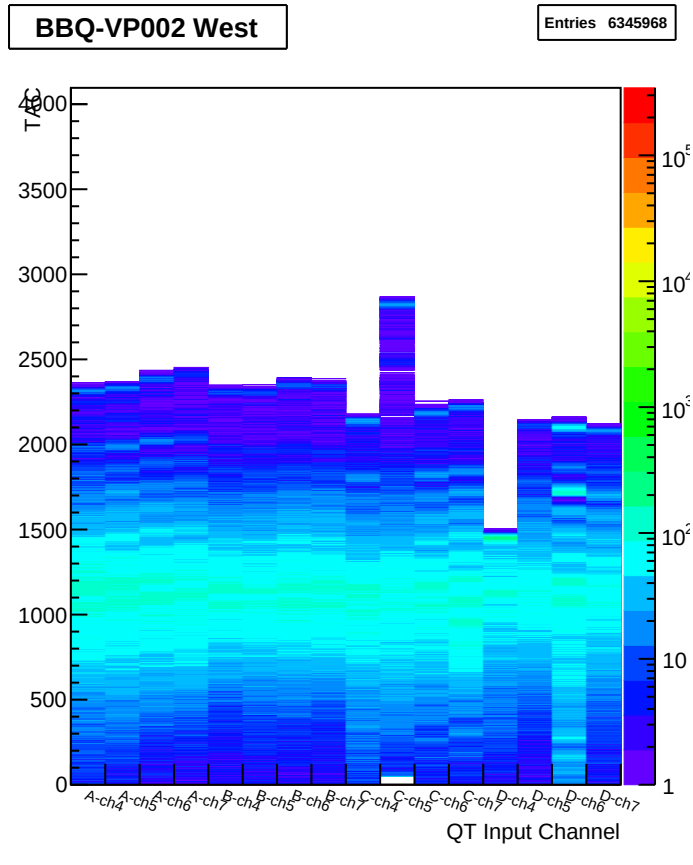

BBQ-ZD001 (ZDC TOWER)
Entries 6345968
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

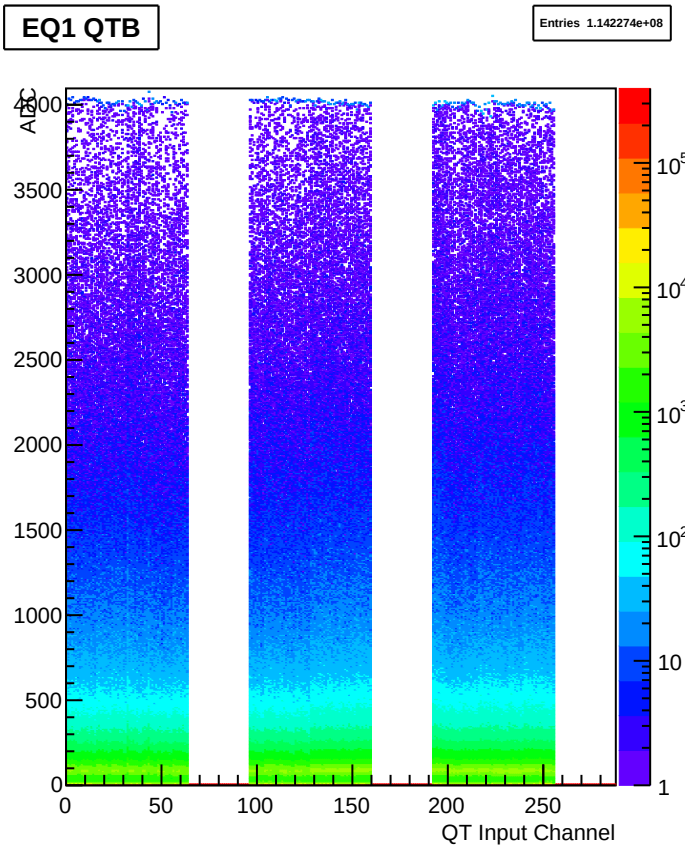

BBQ-ZD001 (ZDC TOWER)
Entries 6345968
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

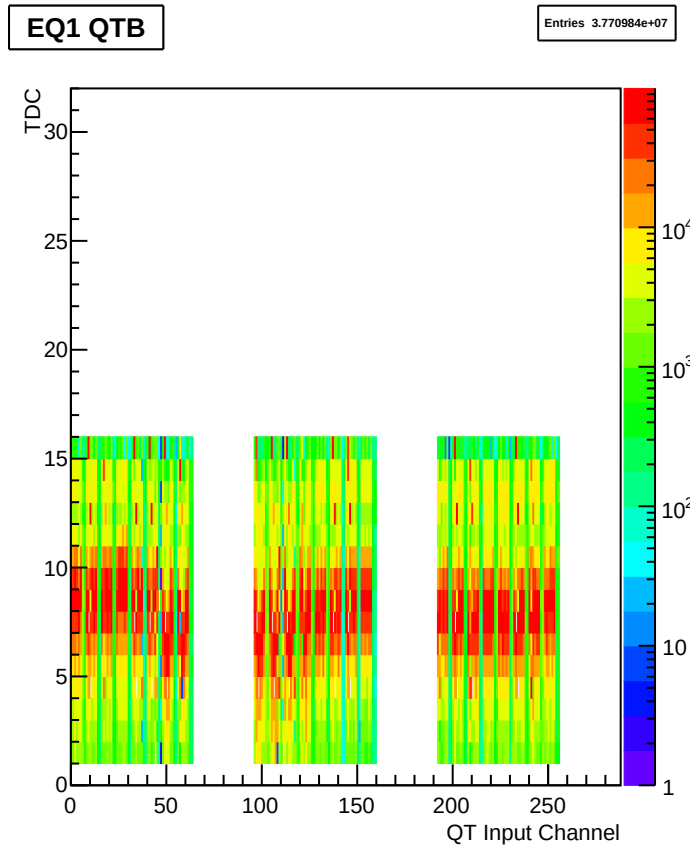

BBQ-VP001 East
Entries 6345968
ADC
QT Input Channel

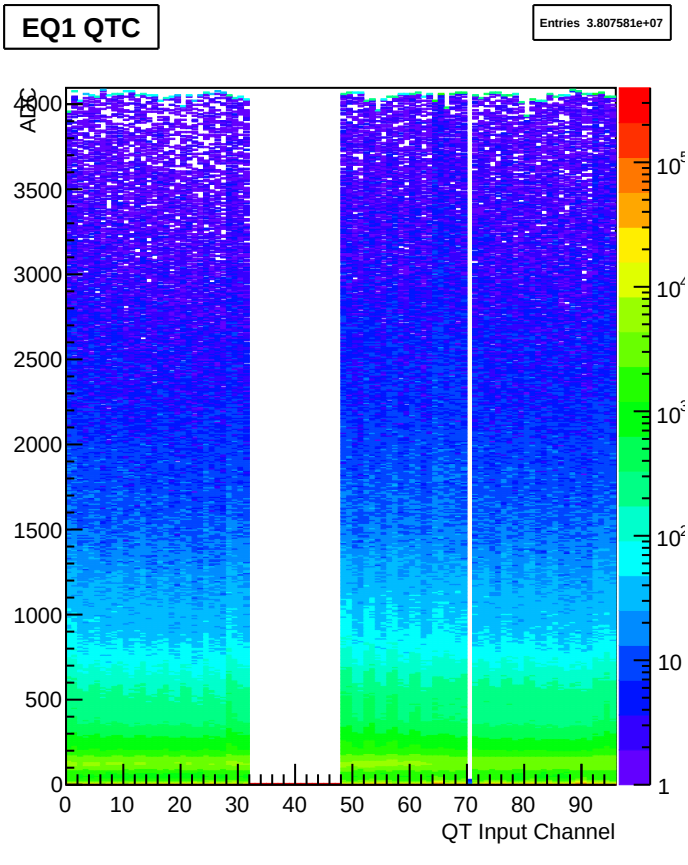

BBQ-VP001 East
Entries 6345968
TADC
QT Input Channel

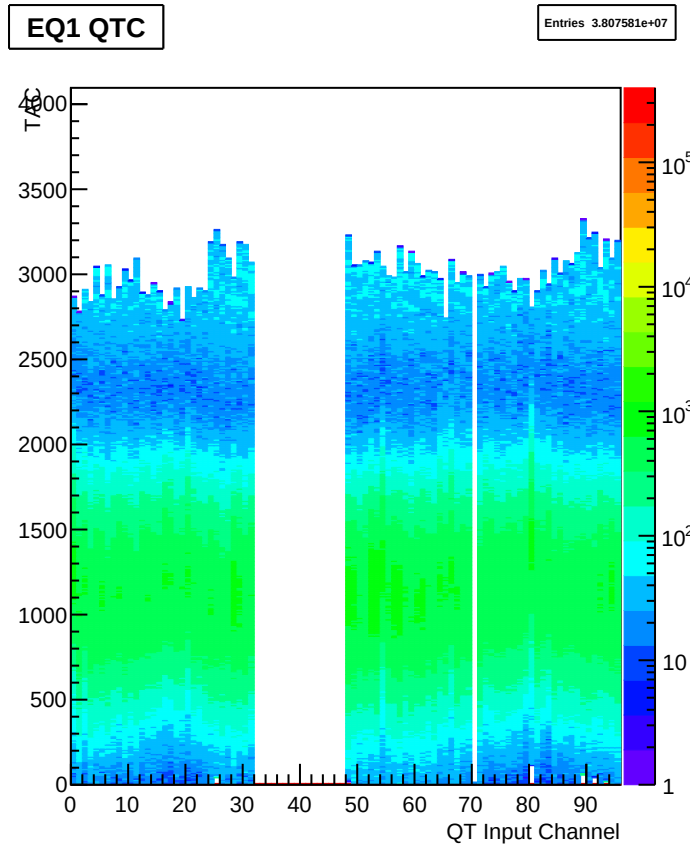

BBQ-VP002 West
Entries 6345968
ADC
QT Input Channel

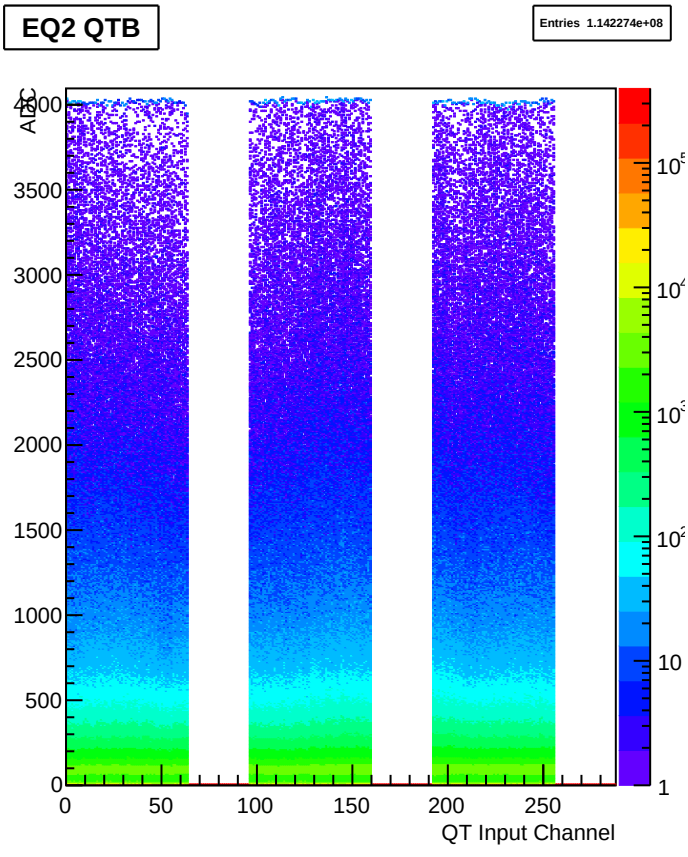

BBQ-VP002 West
Entries 6345968
TADC
QT Input Channel

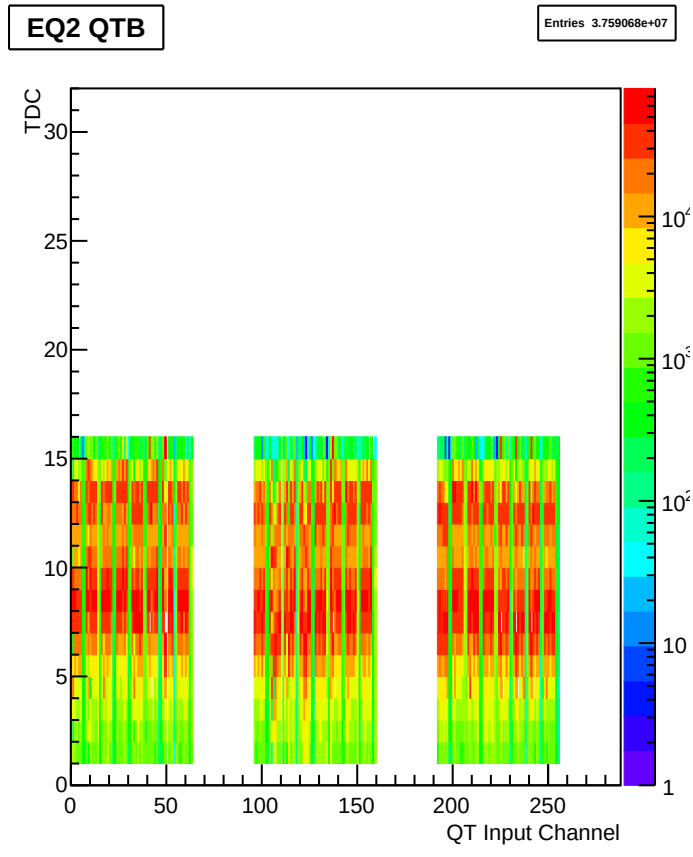

EQ1 QTB
Entries 1.142274e+08
ADC
QT Input Channel

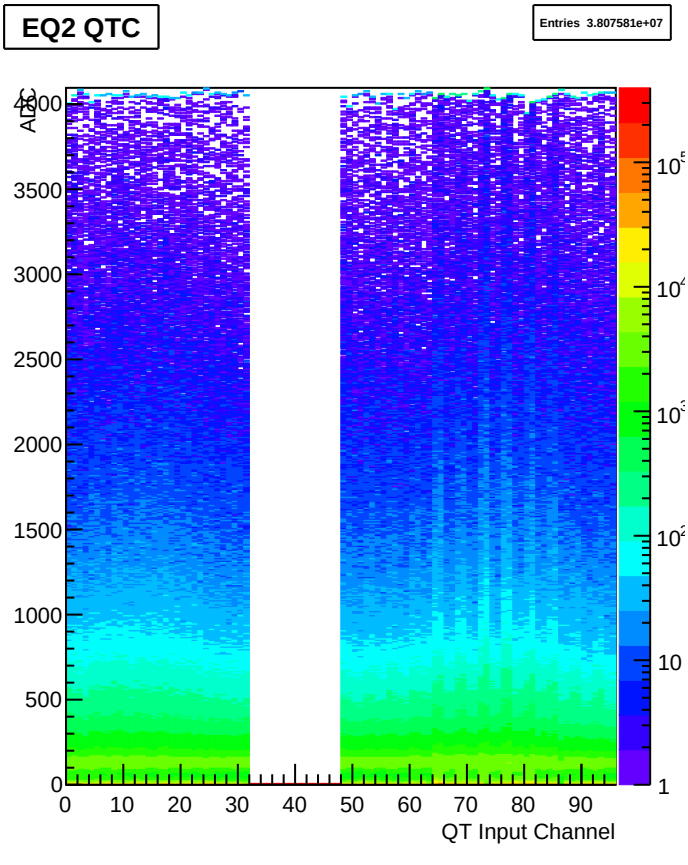

EQ1 QTB
Entries 3.770984e+07
TDC
QT Input Channel

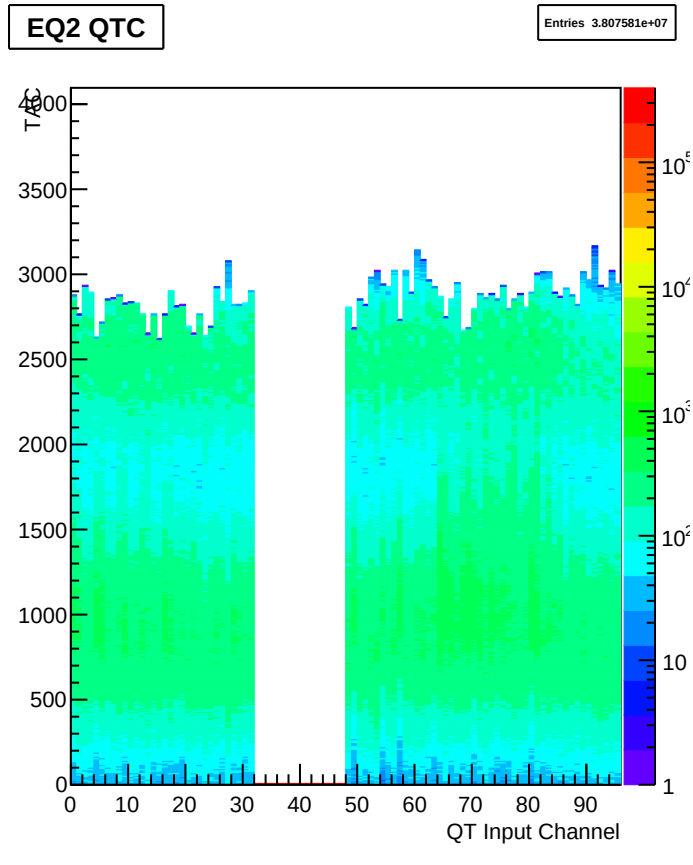

EQ1 QTC
Entries 3.807581e+07
ADC
QT Input Channel

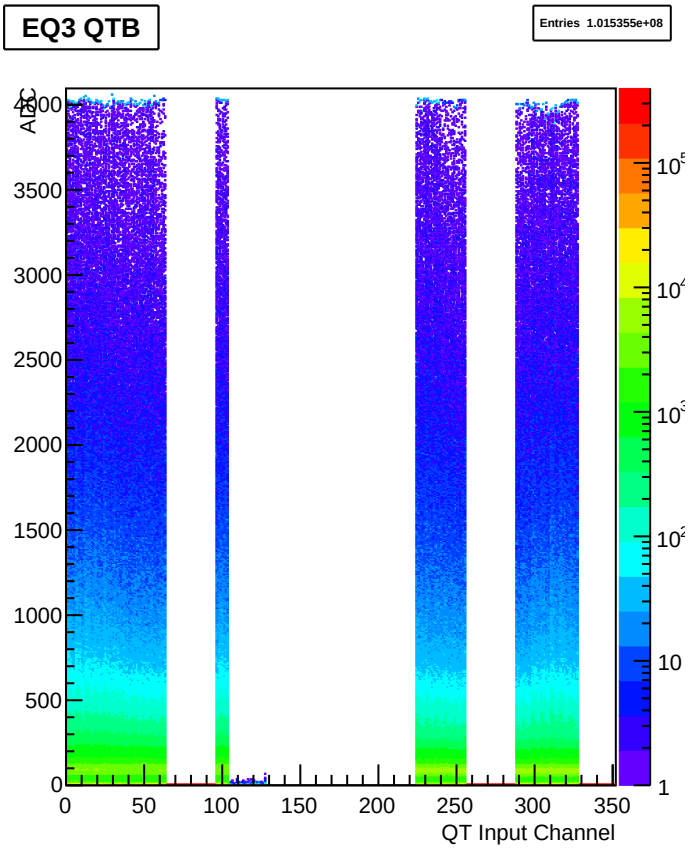

EQ1 QTC
Entries 3.807581e+07
TADC
QT Input Channel

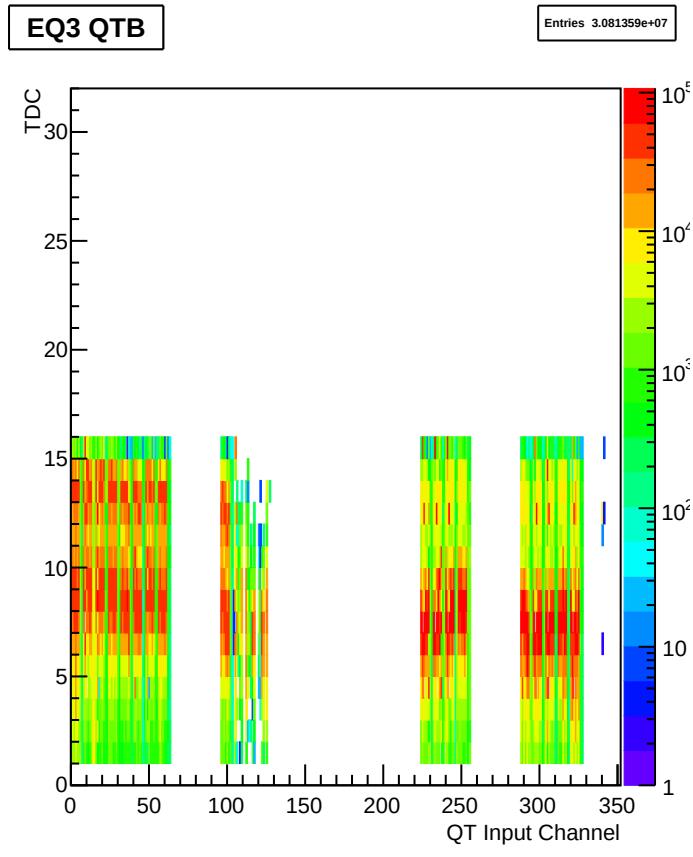

EQ2 QTB
Entries 1.142274e+08
ADC
QT Input Channel

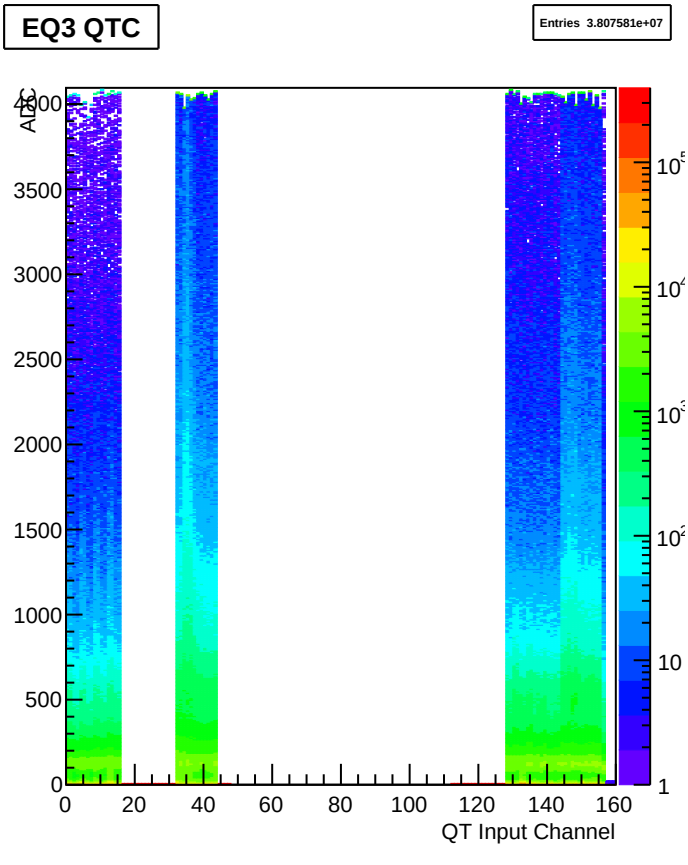

EQ2 QTB
Entries 3.759068e+07
TDC
QT Input Channel

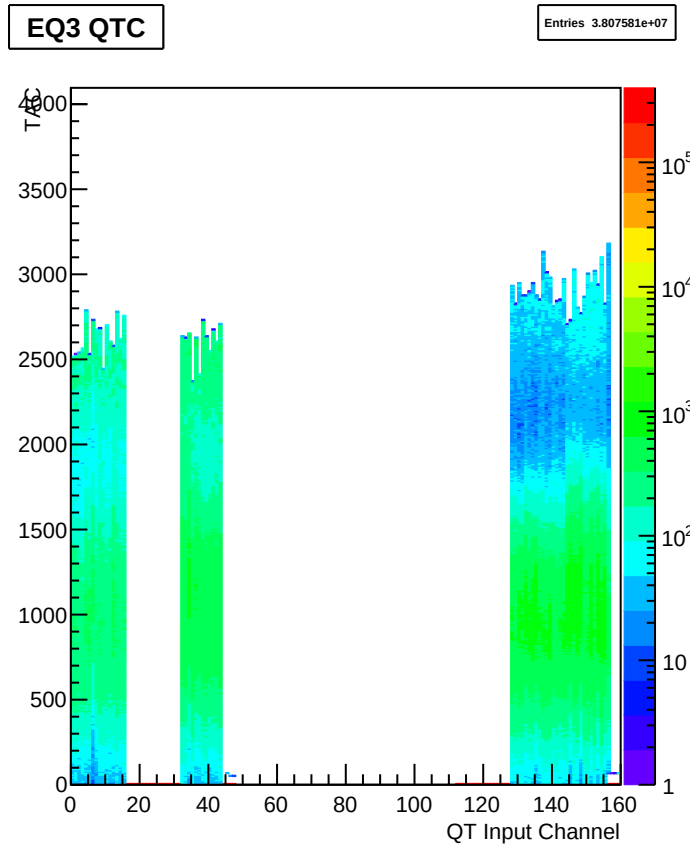

EQ2 QTC
Entries 3.807581e+07
ADC
QT Input Channel

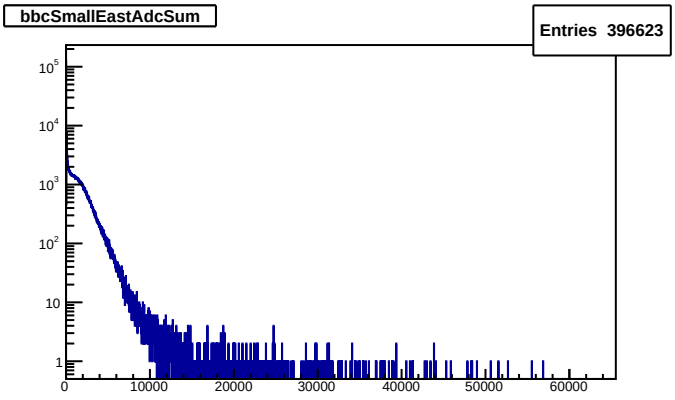

EQ2 QTC
Entries 3.807581e+07
TADC
QT Input Channel

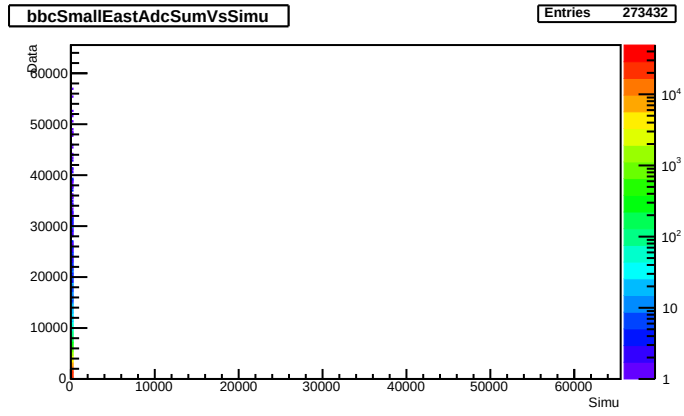

EQ3 QTB
Entries 1.015355e+08
ADC
QT Input Channel

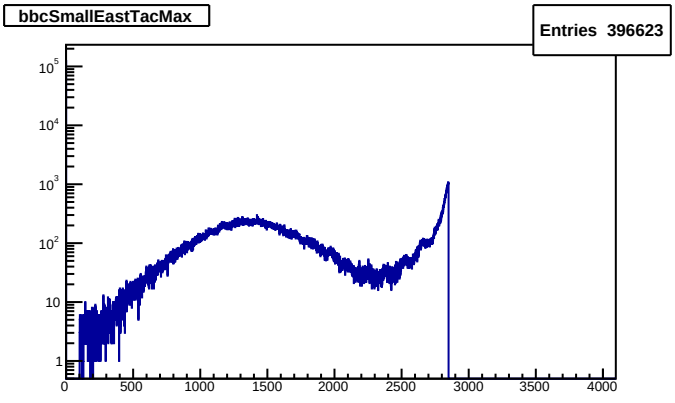

EQ3 QTB
Entries 3.081359e+07
TDC
QT Input Channel

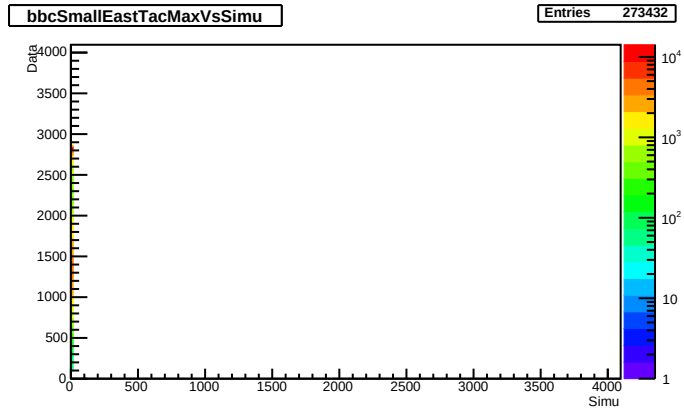

EQ3 QTC
Entries 3.807581e+07
ADC
QT Input Channel

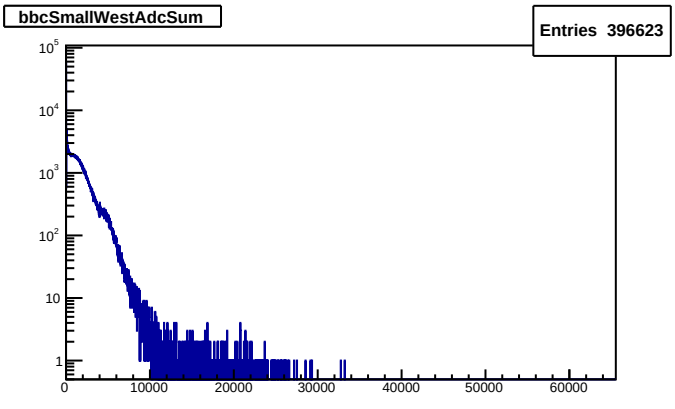

EQ3 QTC
Entries 3.807581e+07
TADC
QT Input Channel

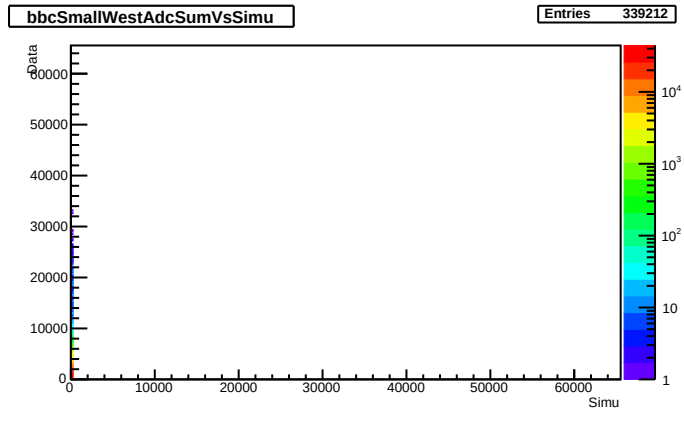

bbcSmallEastAdcSum
Entries 396623

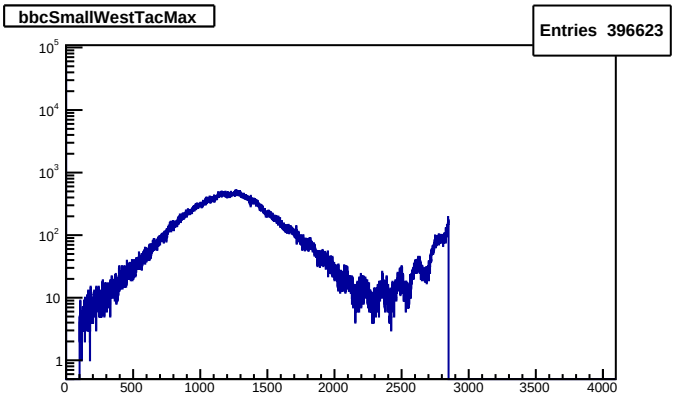

bbcSmallEastAdcSumVsSimu
Entries 273432
Data
Simu

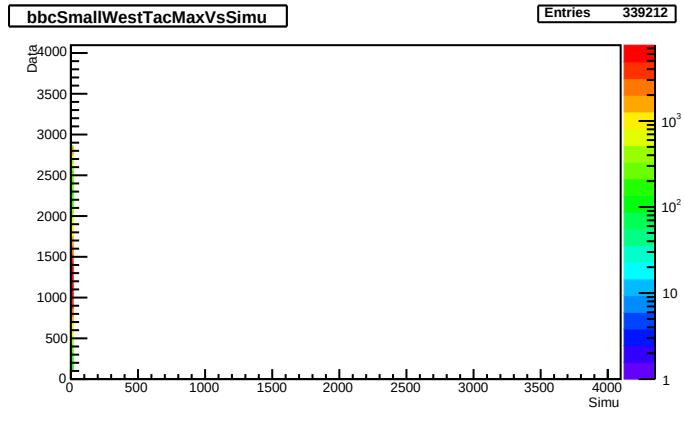

bbcSmallEastTacMax
Entries 396623

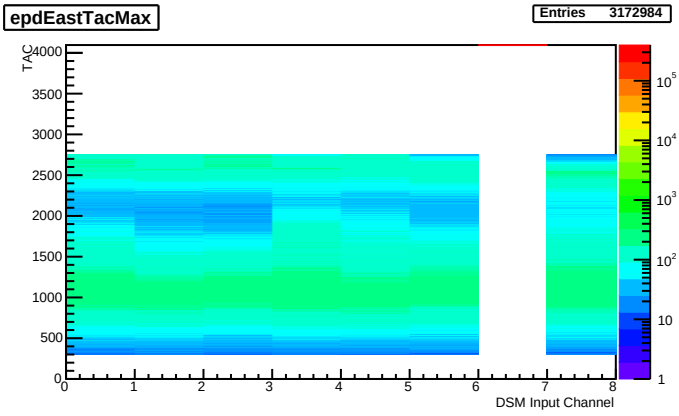

bbcSmallEastTacMaxVsSimu
Entries 273432
Data
Simu

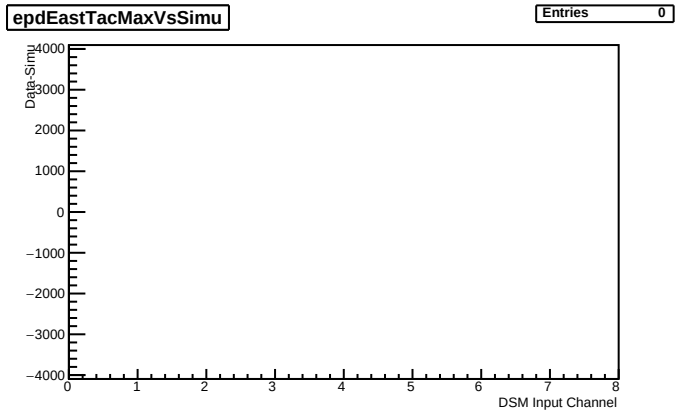

bbcSmallWestAdcSum
Entries 396623

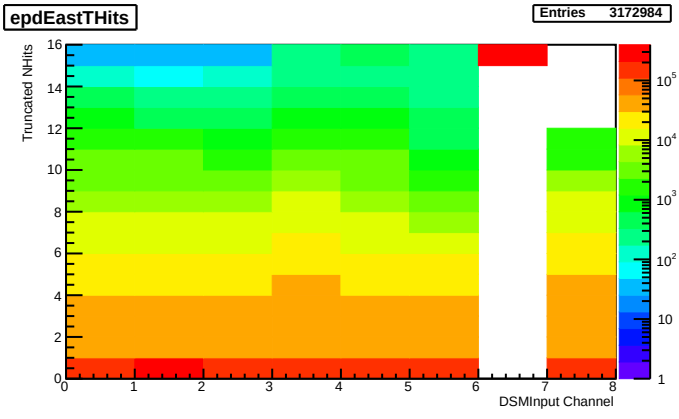

bbcSmallWestAdcSumVsSimu
Entries 339212
Data
Simu

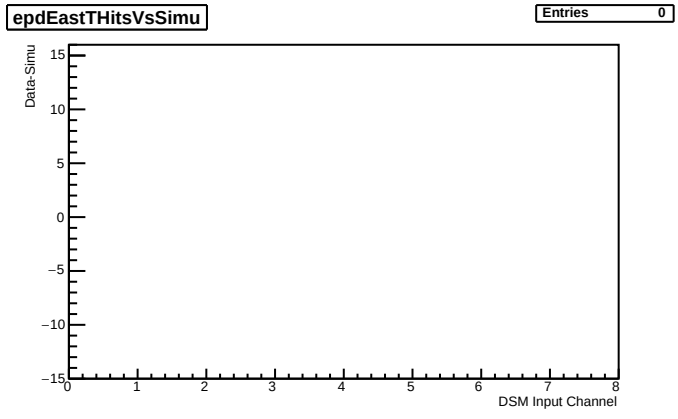

bbcSmallWestTacMax
Entries 396623

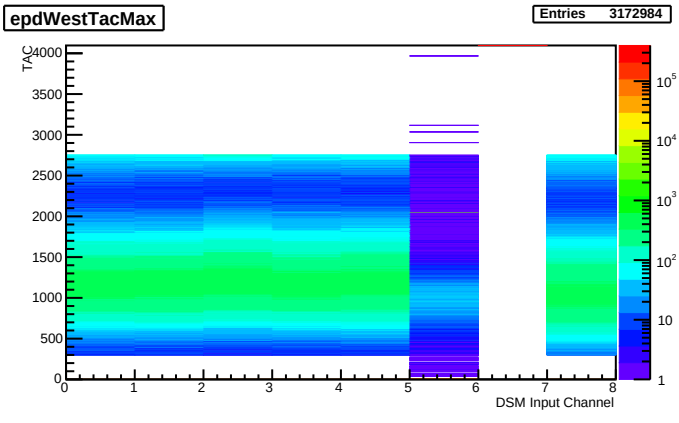

bbcSmallWestTacMaxVsSimu
Entries 339212
Data
Simu

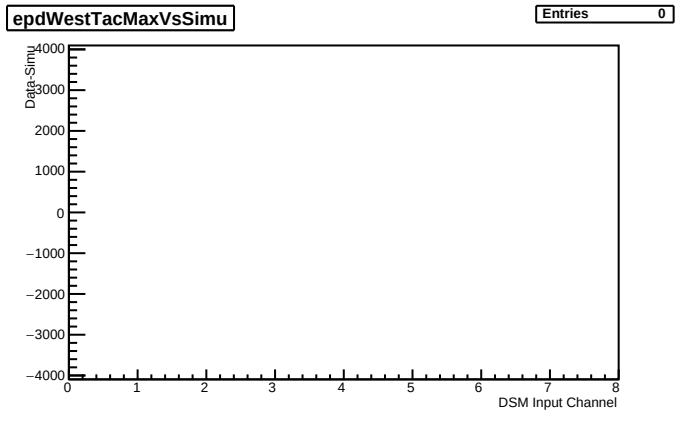

epdEastTacMax
Entries 3172984
TAC
DSM Input Channel

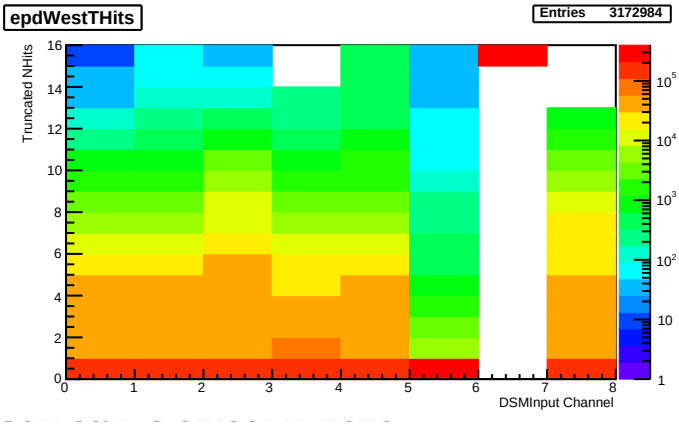

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

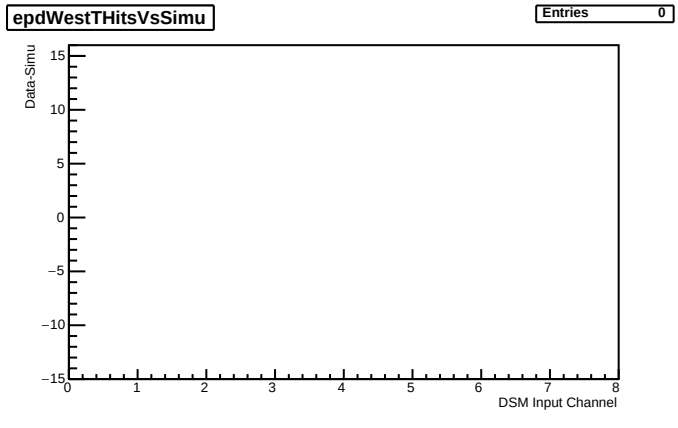

epdEastTHits
Entries 3172984
Truncated NHits
DSMInput Channel

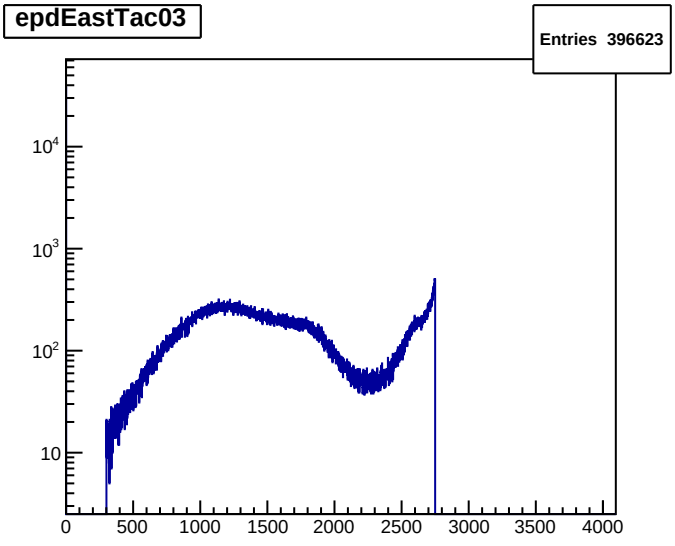

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

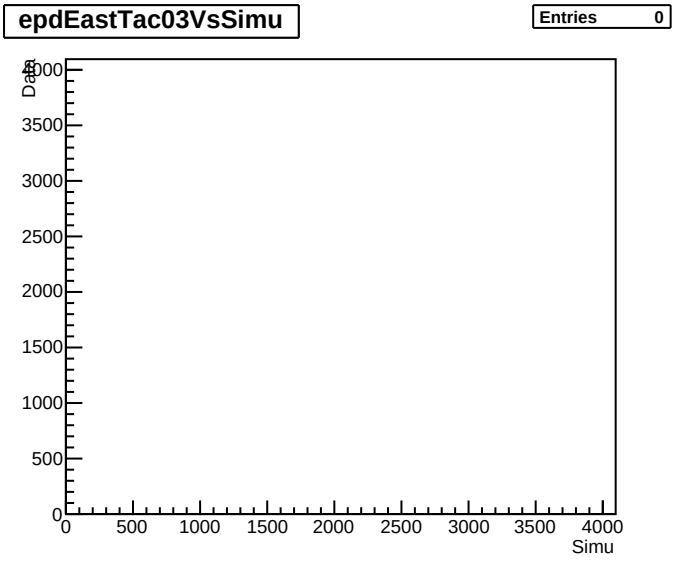

epdWestTacMax
Entries 3172984
TAC
DSM Input Channel

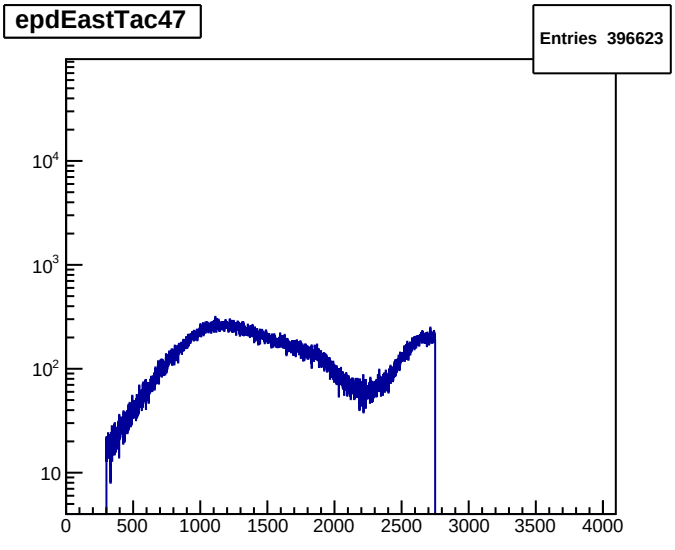

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

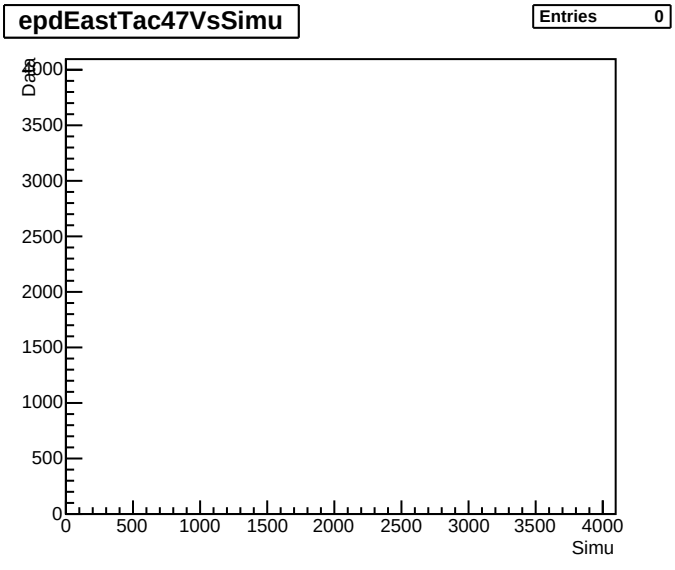

epdWestTHits
Entries 3172984
Truncated NHits
DSMInput Channel

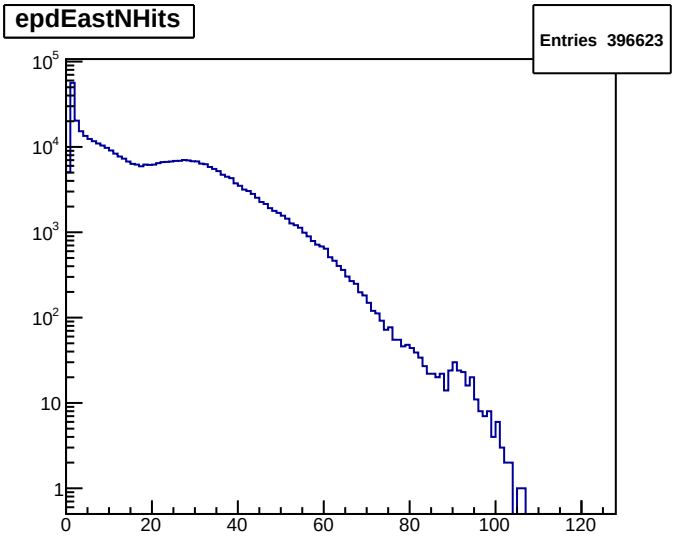

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

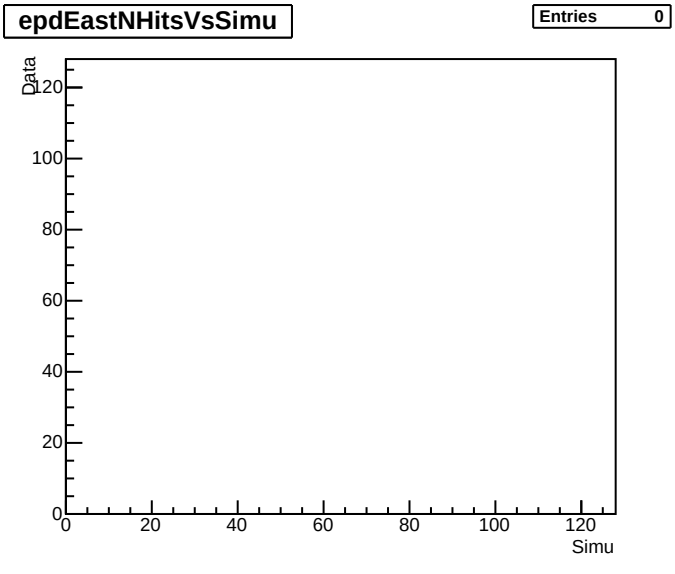

epdEastTac03
Entries 396623

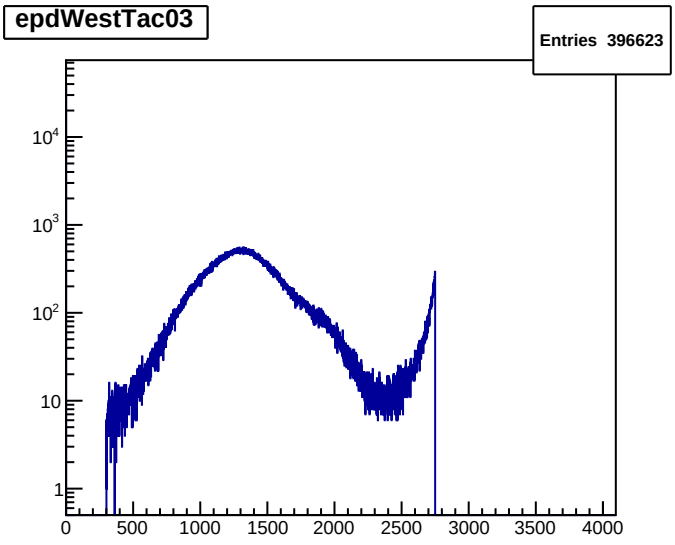

epdEastTac03VsSimu
Entries 0
Data
Simu

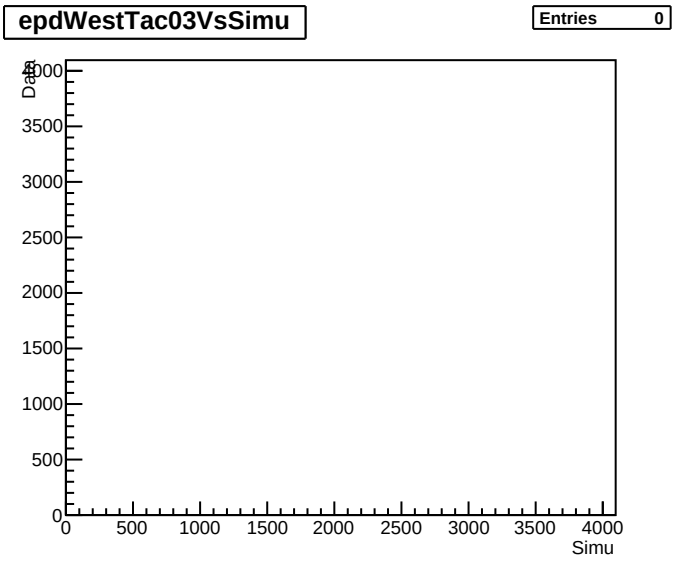

epdEastTac47
Entries 396623

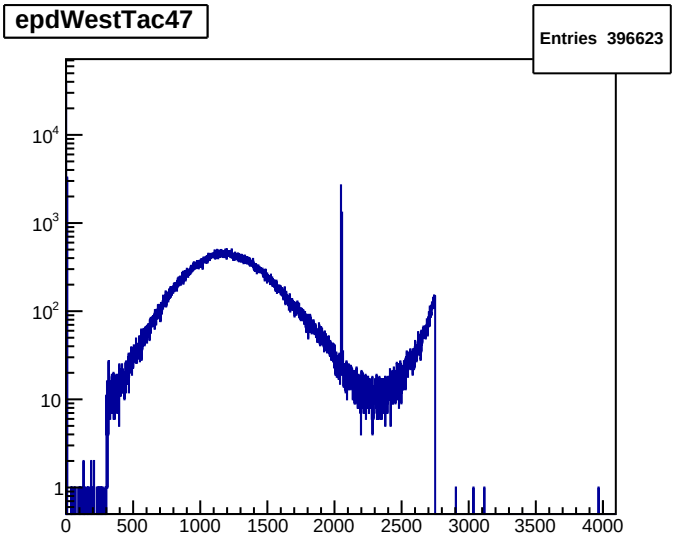

epdEastTac47VsSimu
Entries 0
Data
Simu

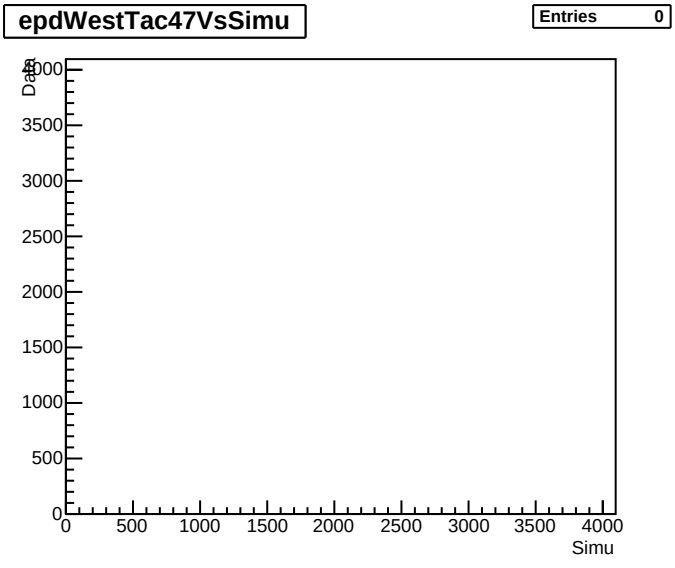

epdEastNHits
Entries 396623

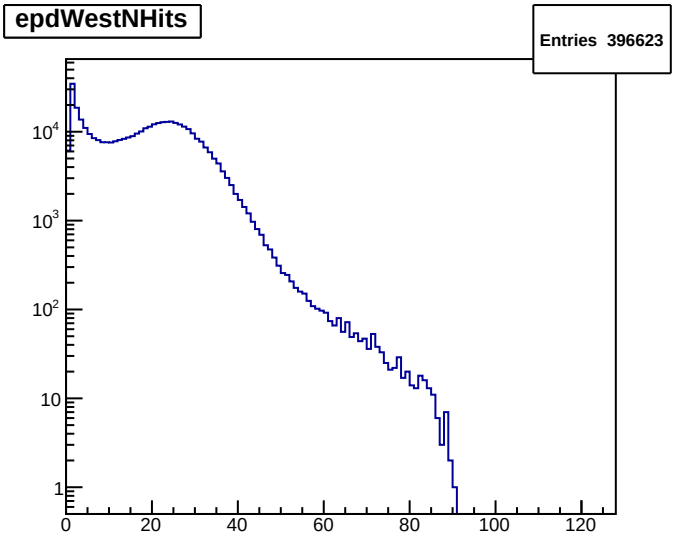

epdEastNHitsVsSimu
Entries 0
Data
Simu

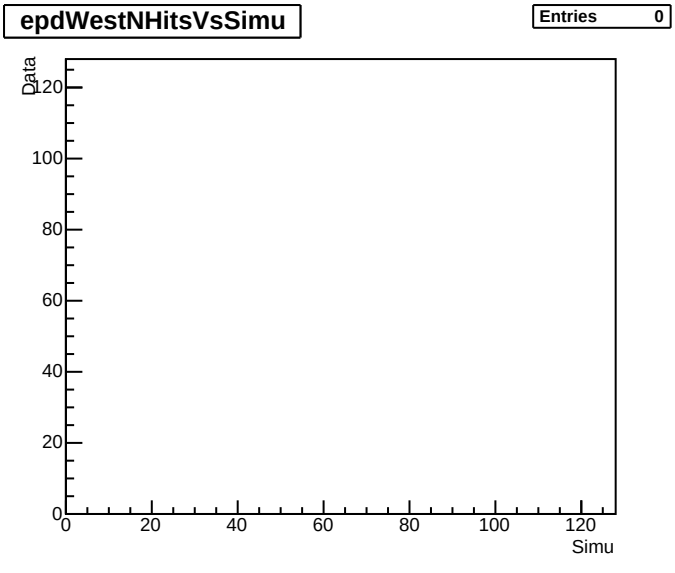

epdWestTac03
Entries 396623

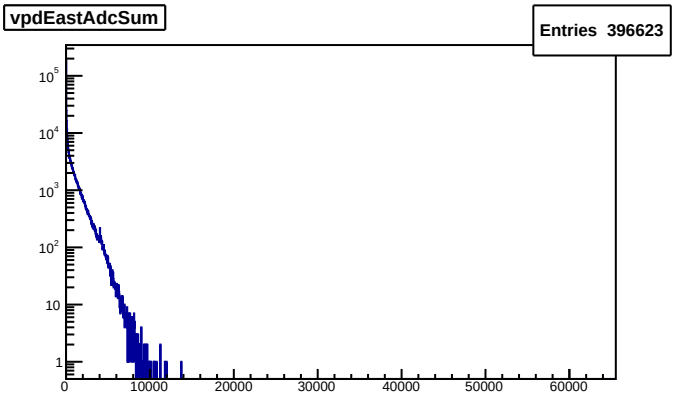

epdWestTac03VsSimu
Entries 0
Data
Simu

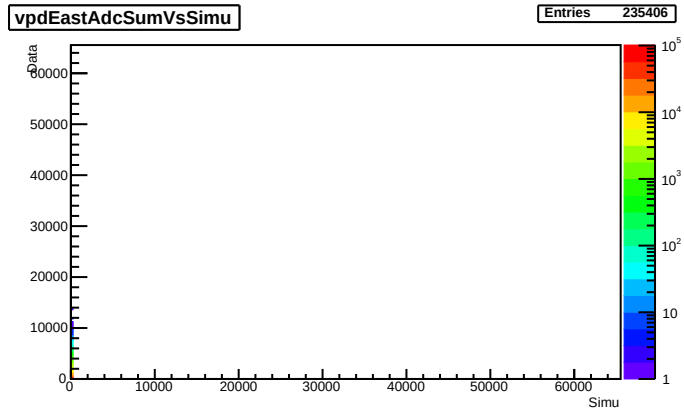

epdWestTac47
Entries 396623

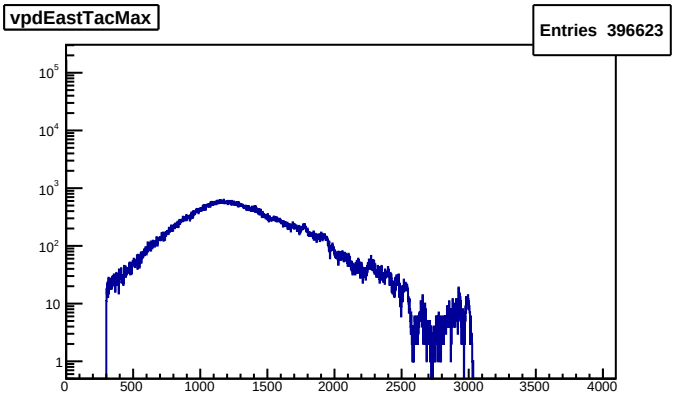

epdWestTac47VsSimu
Entries 0
Data
Simu

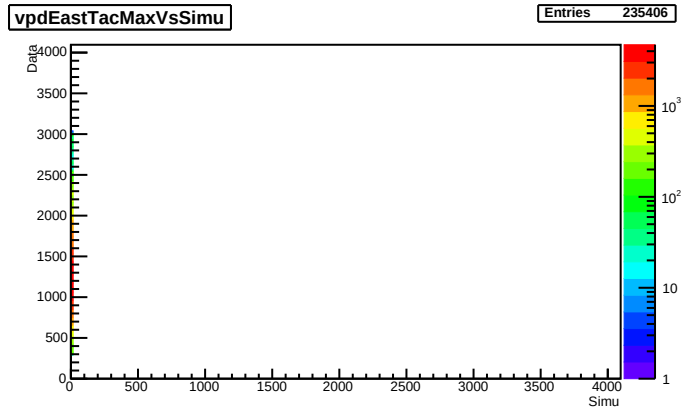

epdWestNHits
Entries 396623

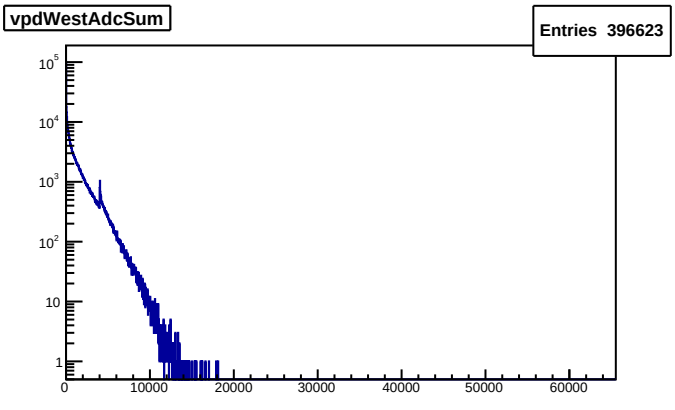

epdWestNHitsVsSimu
Entries 0
Data
Simu

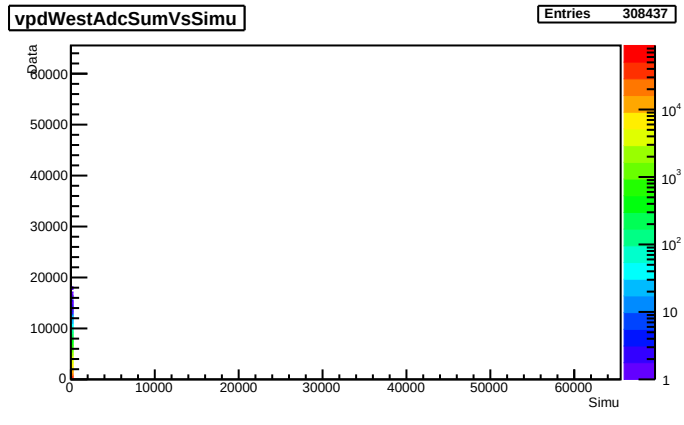

vpdEastAdcSum
Entries 396623

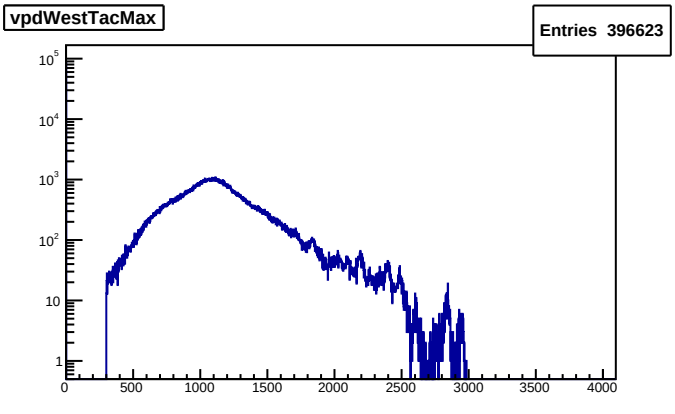

vpdEastAdcSumVsSimu
Entries 235406
Data
Simu

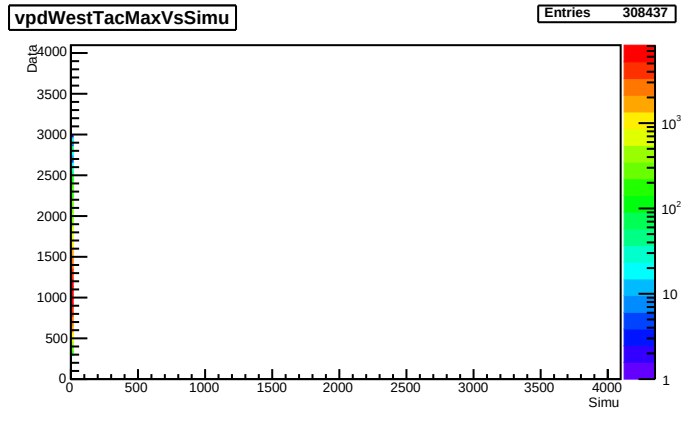

vpdEastTacMax
Entries 396623

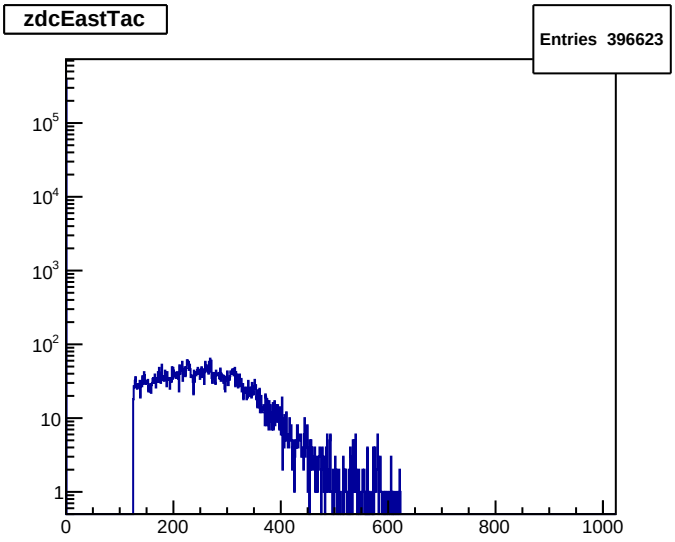

vpdEastTacMaxVsSimu
Entries 235406
Data
Simu

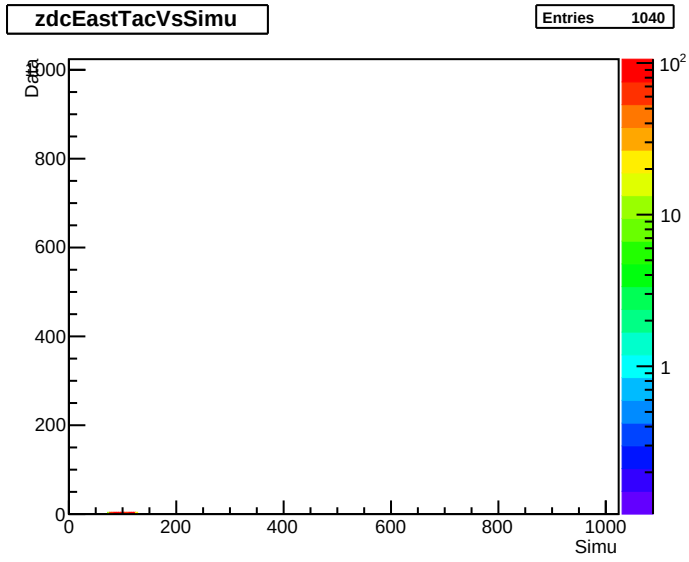

vpdWestAdcSum
Entries 396623

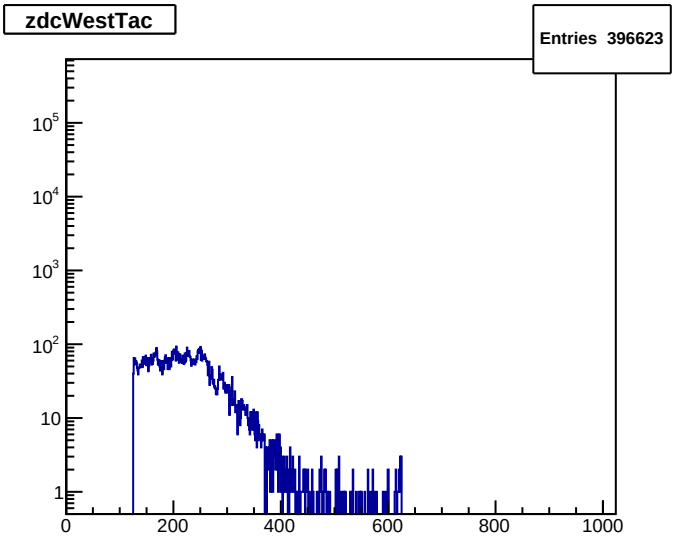

vpdWestAdcSumVsSimu
Entries 308437
Data
Simu

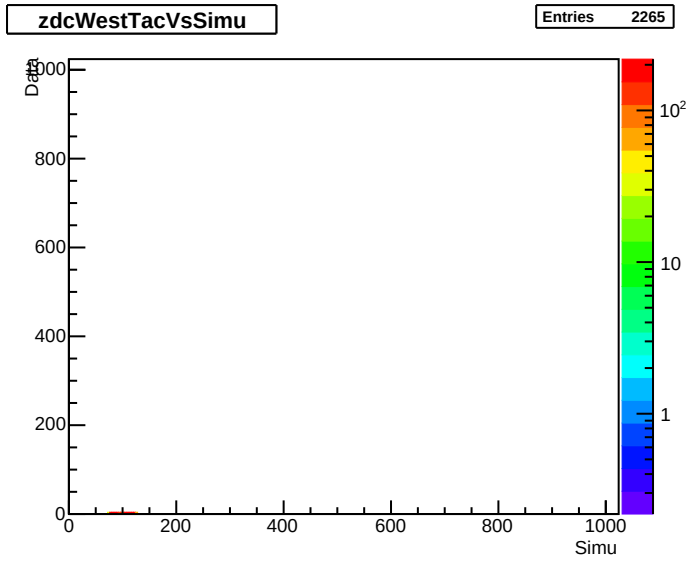

vpdWestTacMax
Entries 396623

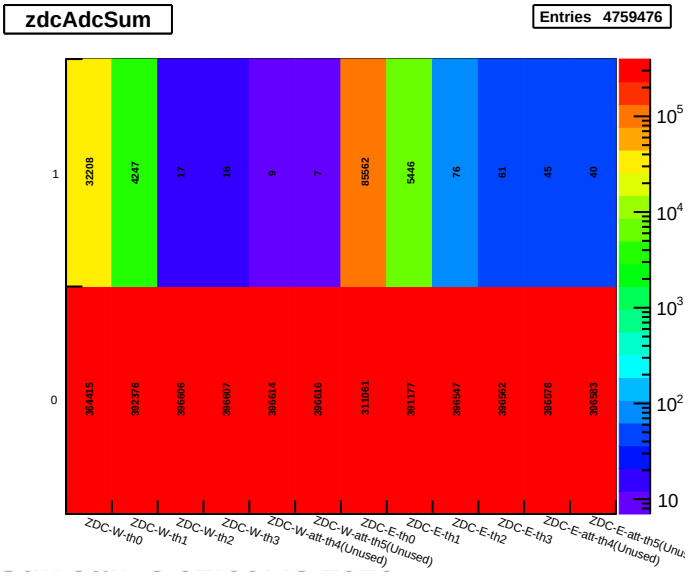

vpdWestTacMaxVsSimu
Entries 308437
Data
Simu

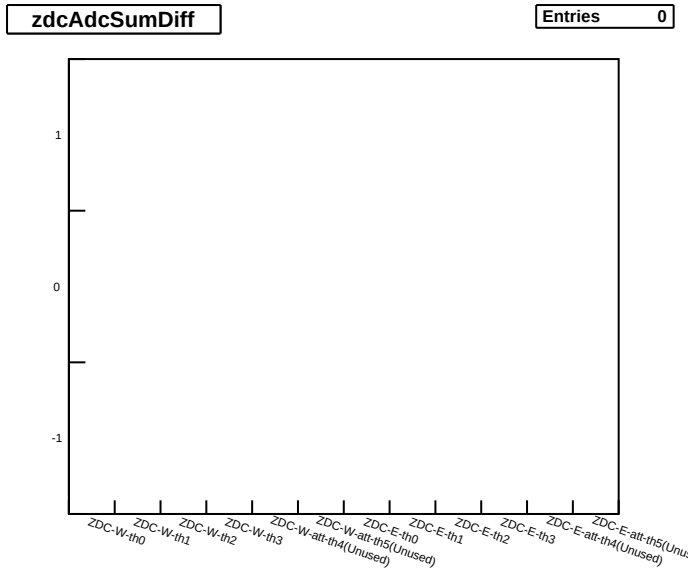

zdcEastTac
Entries 396623

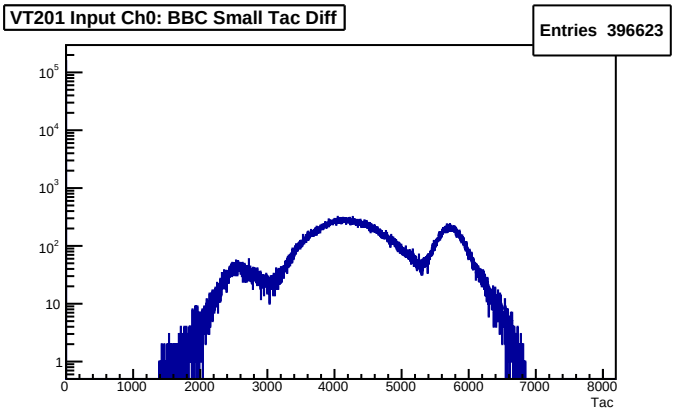

zdcEastTacVsSimu
Entries 1040
Data
Simu

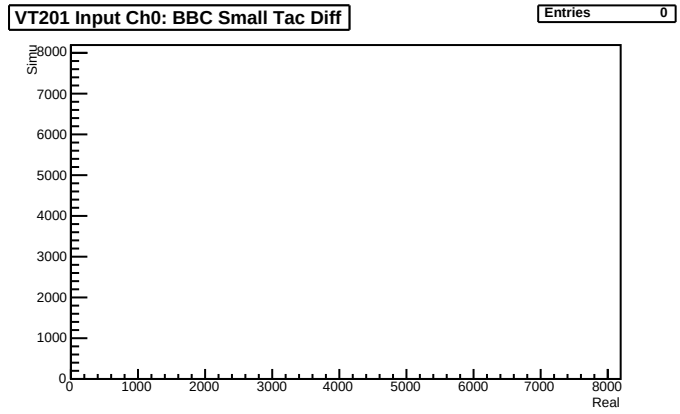

zdcWestTac
Entries 396623

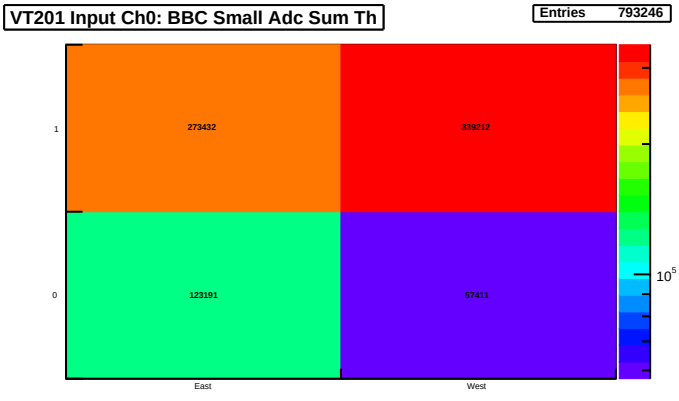

zdcWestTacVsSimu
Entries 2265
Data
Simu

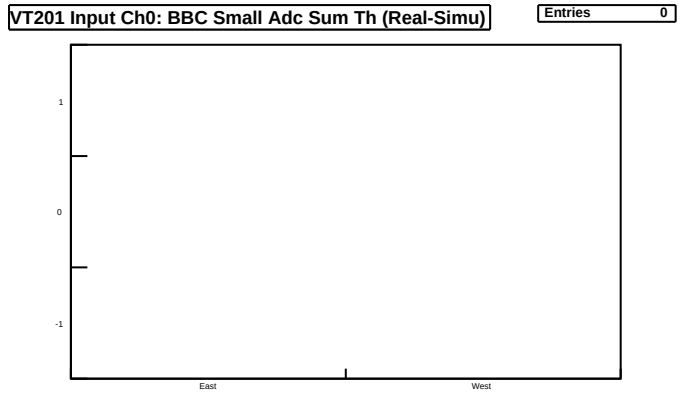

zdcAdcSum
Entries 4759476
32208
4247
17
16
9
7
85562
5446
76
61
45
40
364415
392376
396606
396607
396614
396616
311061
391177
396547
396562
396578
396583
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

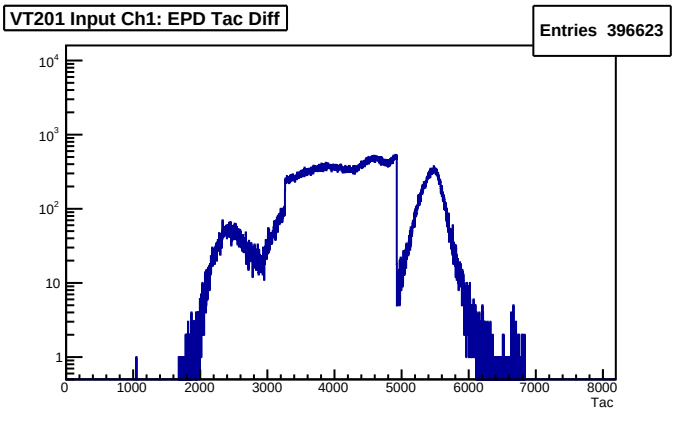

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

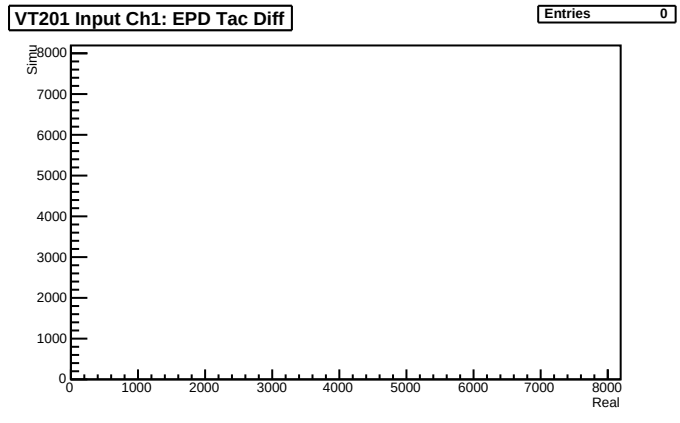

VT201 Input Ch0: BBC Small Tac Diff
Entries 396623
Tac

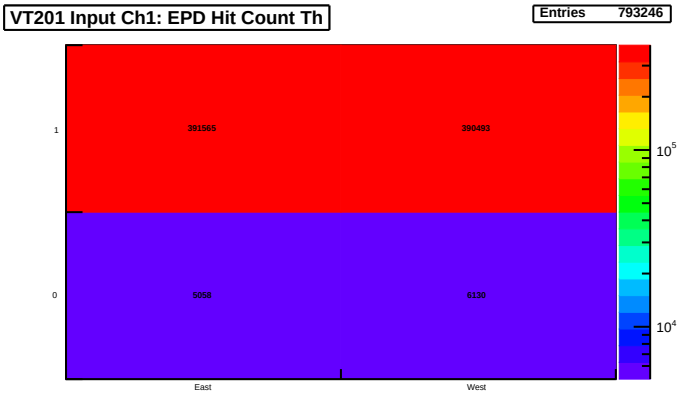

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

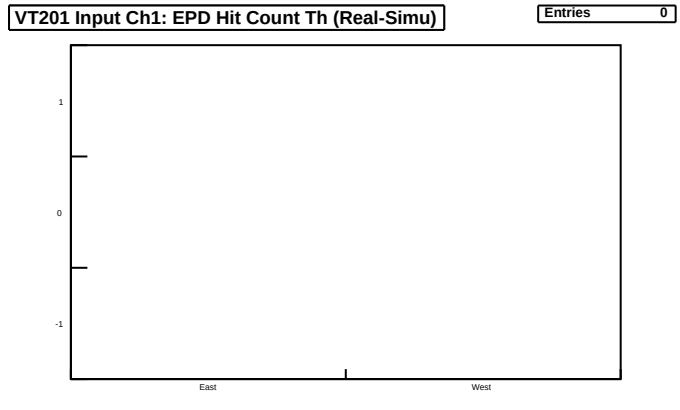

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 793246
273432
339212
123191
57411
East
West

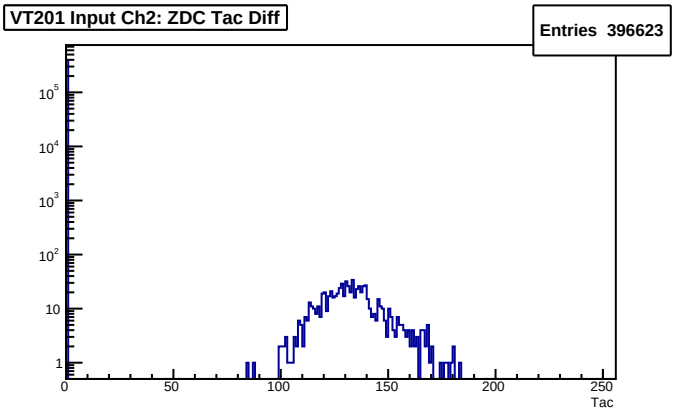

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

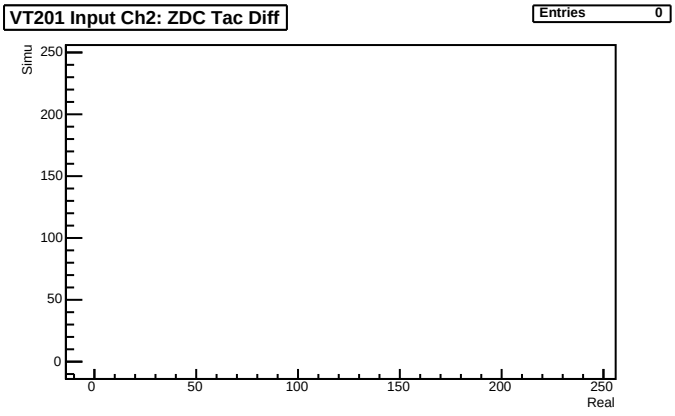

VT201 Input Ch1: EPD Tac Diff
Entries 396623
Tac

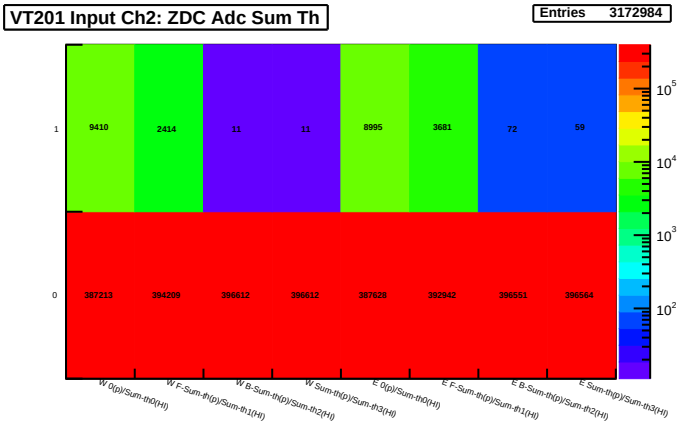

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

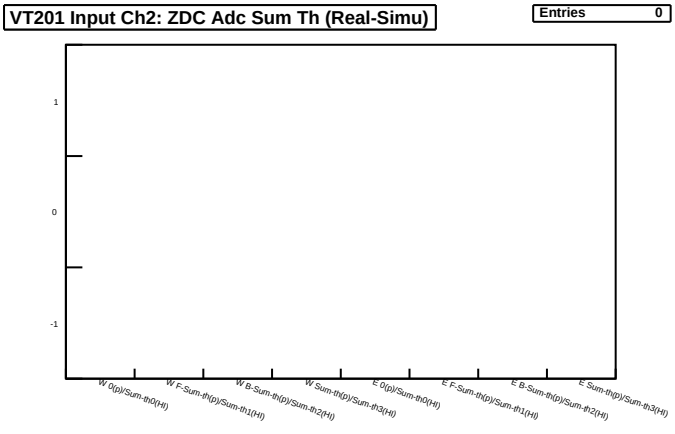

VT201 Input Ch1: EPD Hit Count Th
Entries 793246
391565
390493
5058
6130
East
West

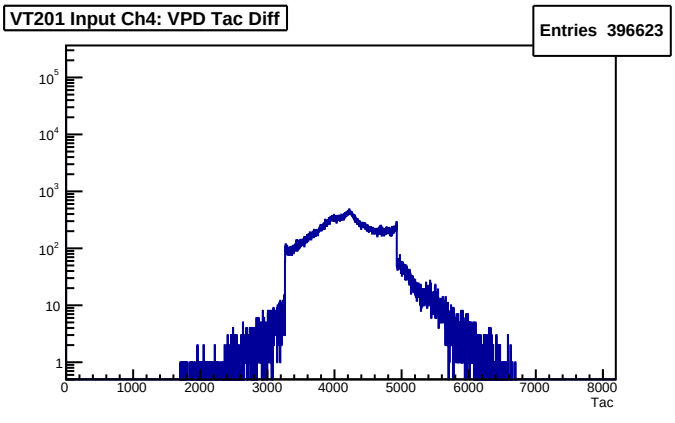

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

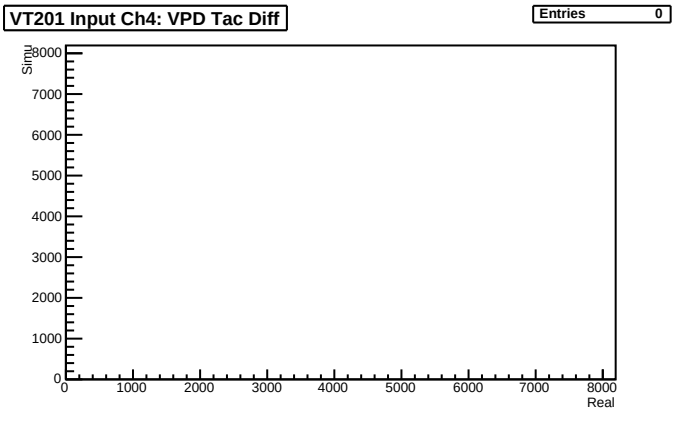

VT201 Input Ch2: ZDC Tac Diff
Entries 396623
Tac

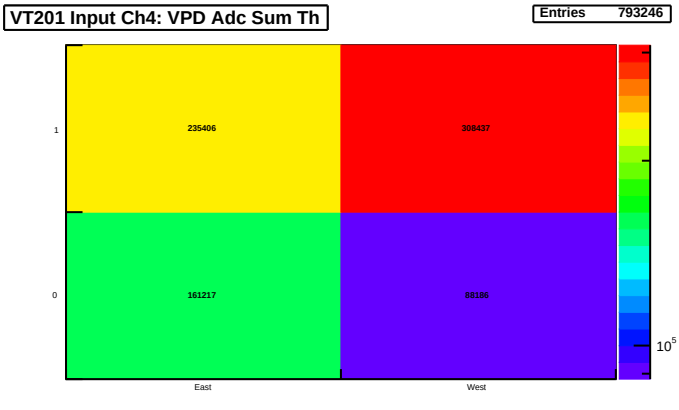

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

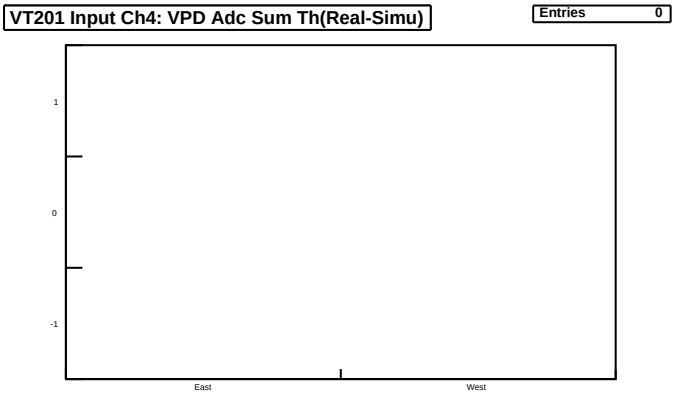

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3172984
9410
2414
11
11
8995
3681
72
59
387213
394209
396612
396612
387628
392942
396551
396564
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

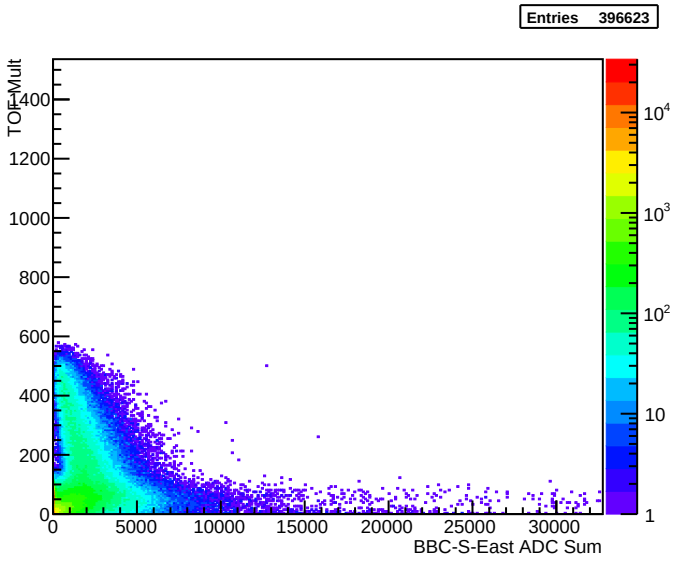

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

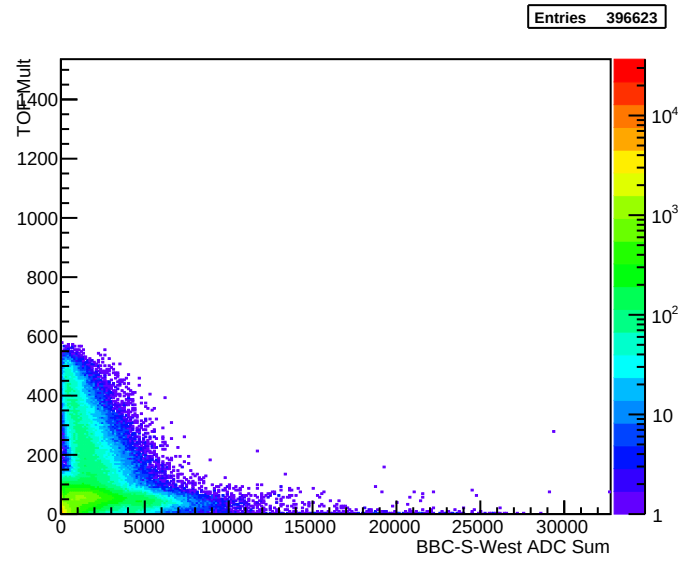

VT201 Input Ch4: VPD Tac Diff
Entries 396623
Tac

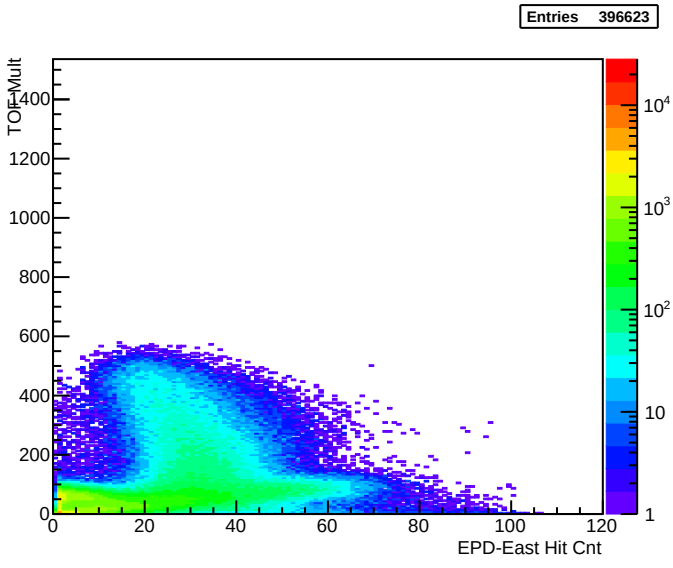

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

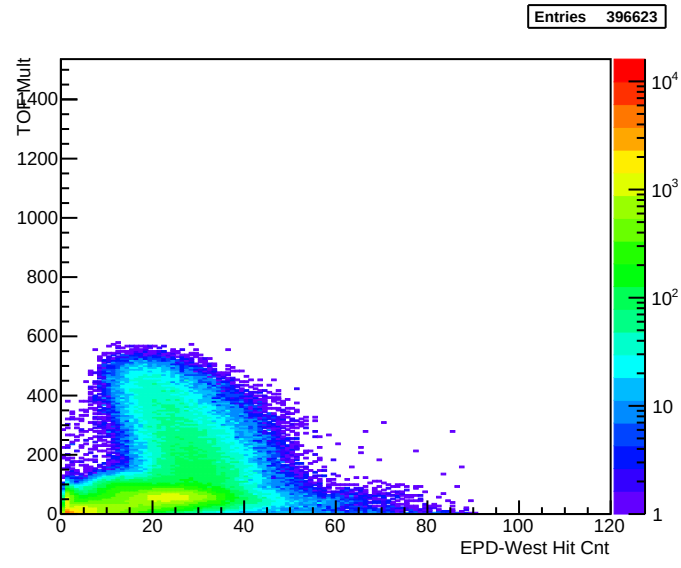

VT201 Input Ch4: VPD Adc Sum Th
Entries 793246
235406
308437
161217
88186
East
West

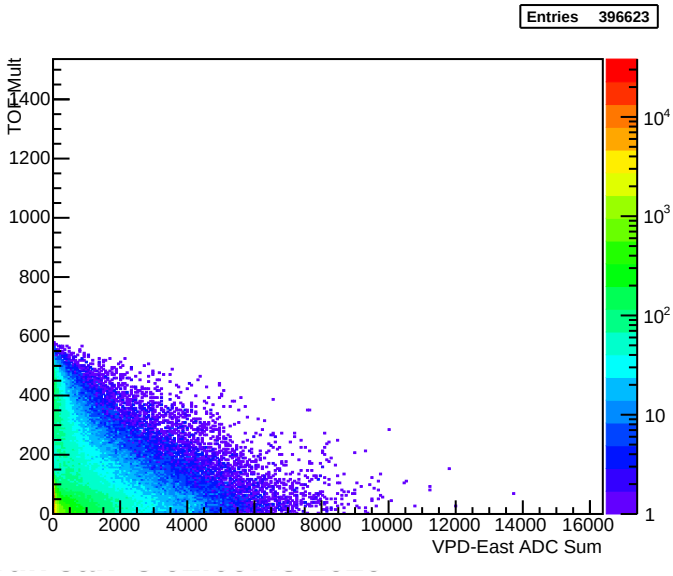

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

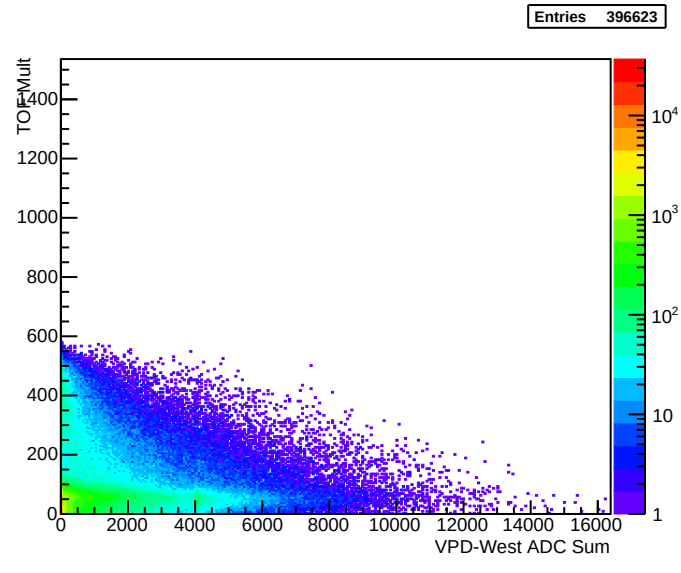

Entries 396623
TOF-Mult
BBC-S-East ADC Sum

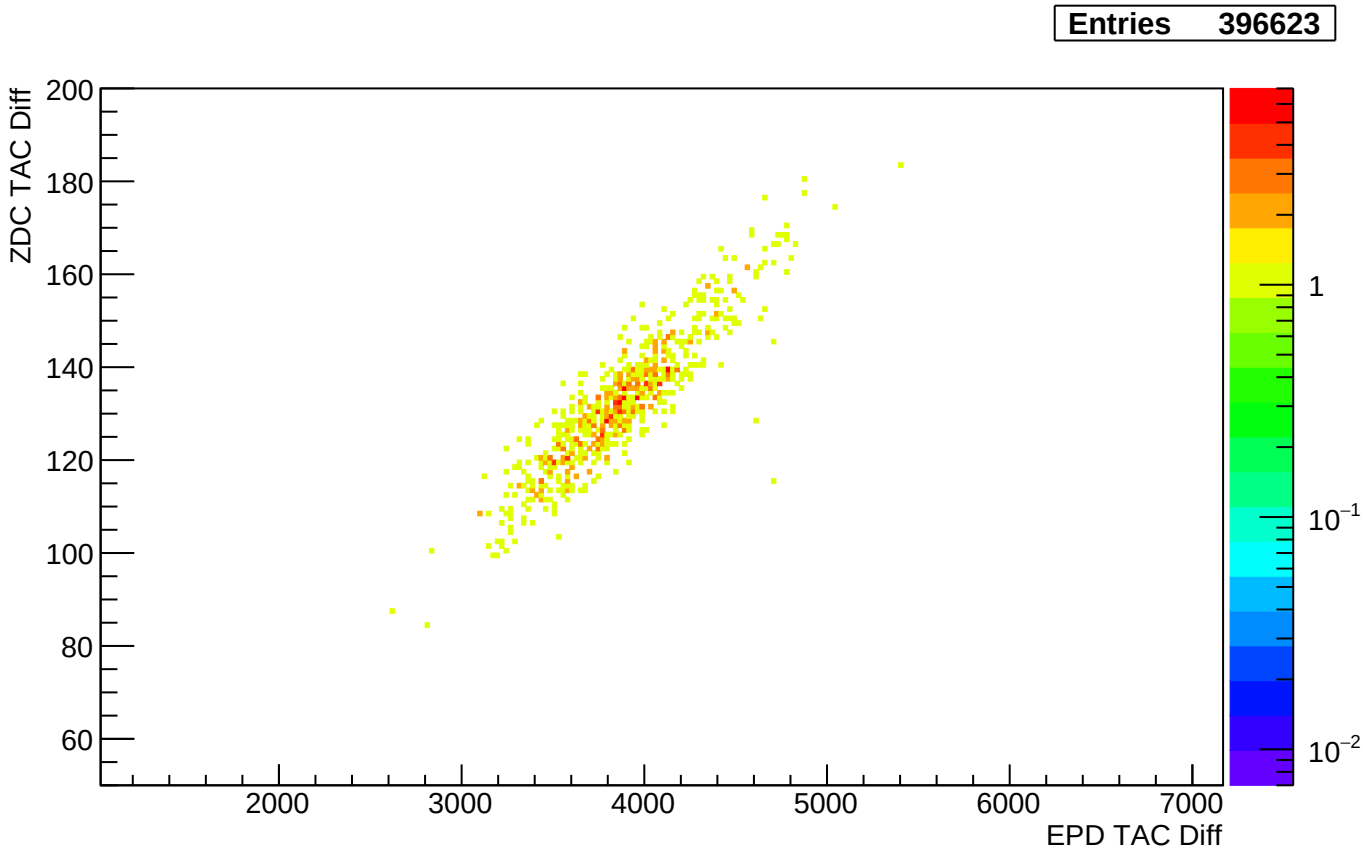

Entries 396623
TOF-Mult
BBC-S-West ADC Sum

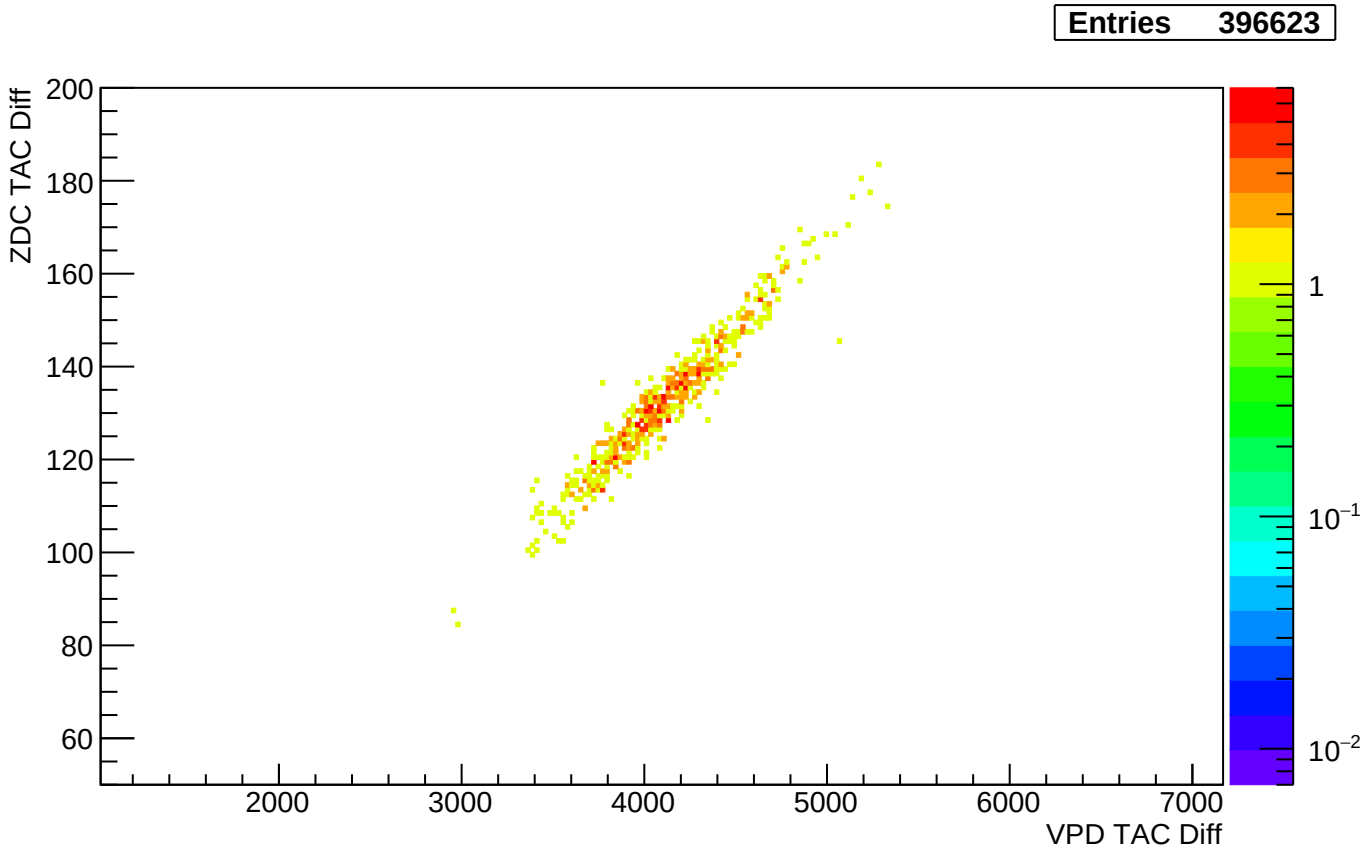

Entries 396623
TOF-Mult
EPD-East Hit Cnt

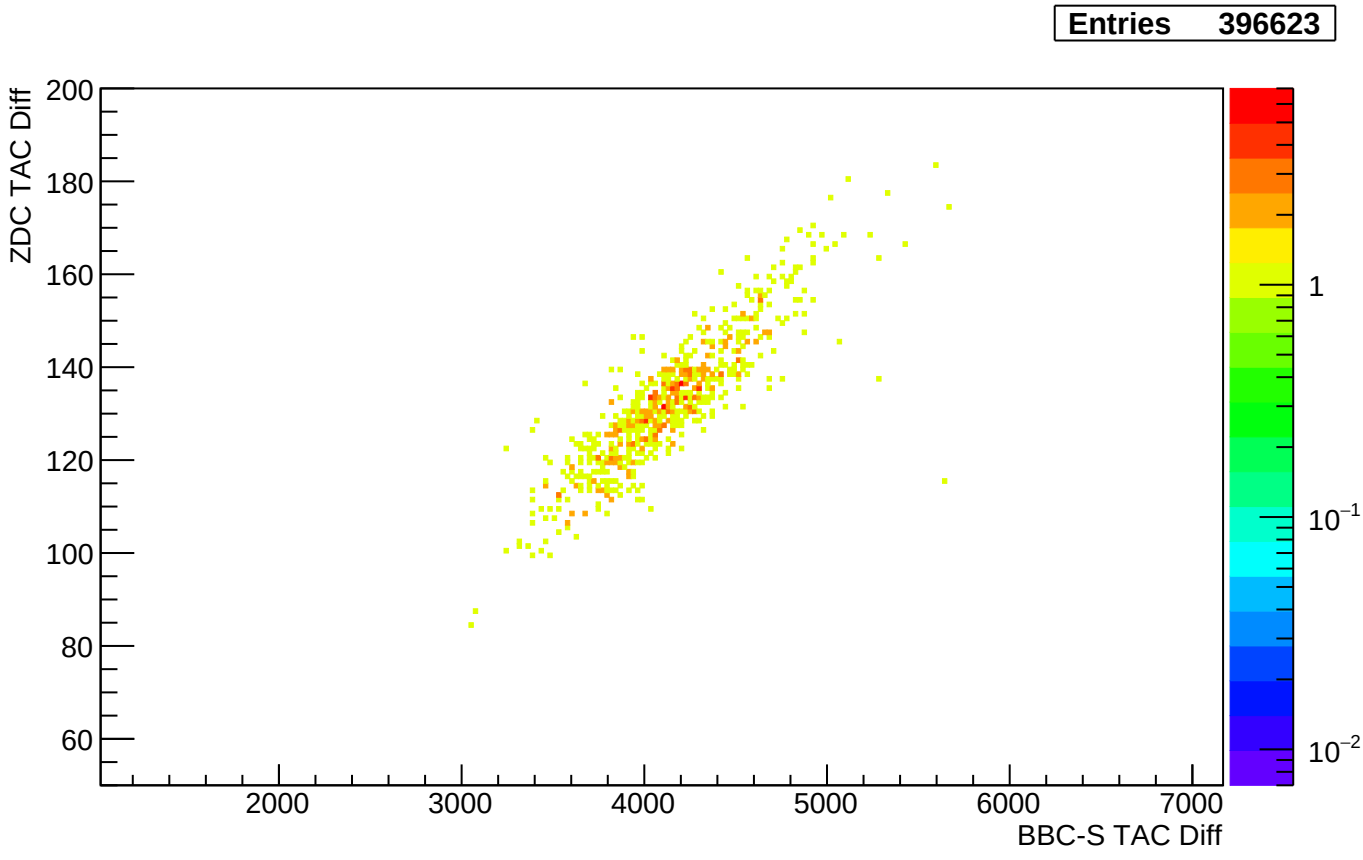

Entries 396623
TOF-Mult
EPD-West Hit Cnt

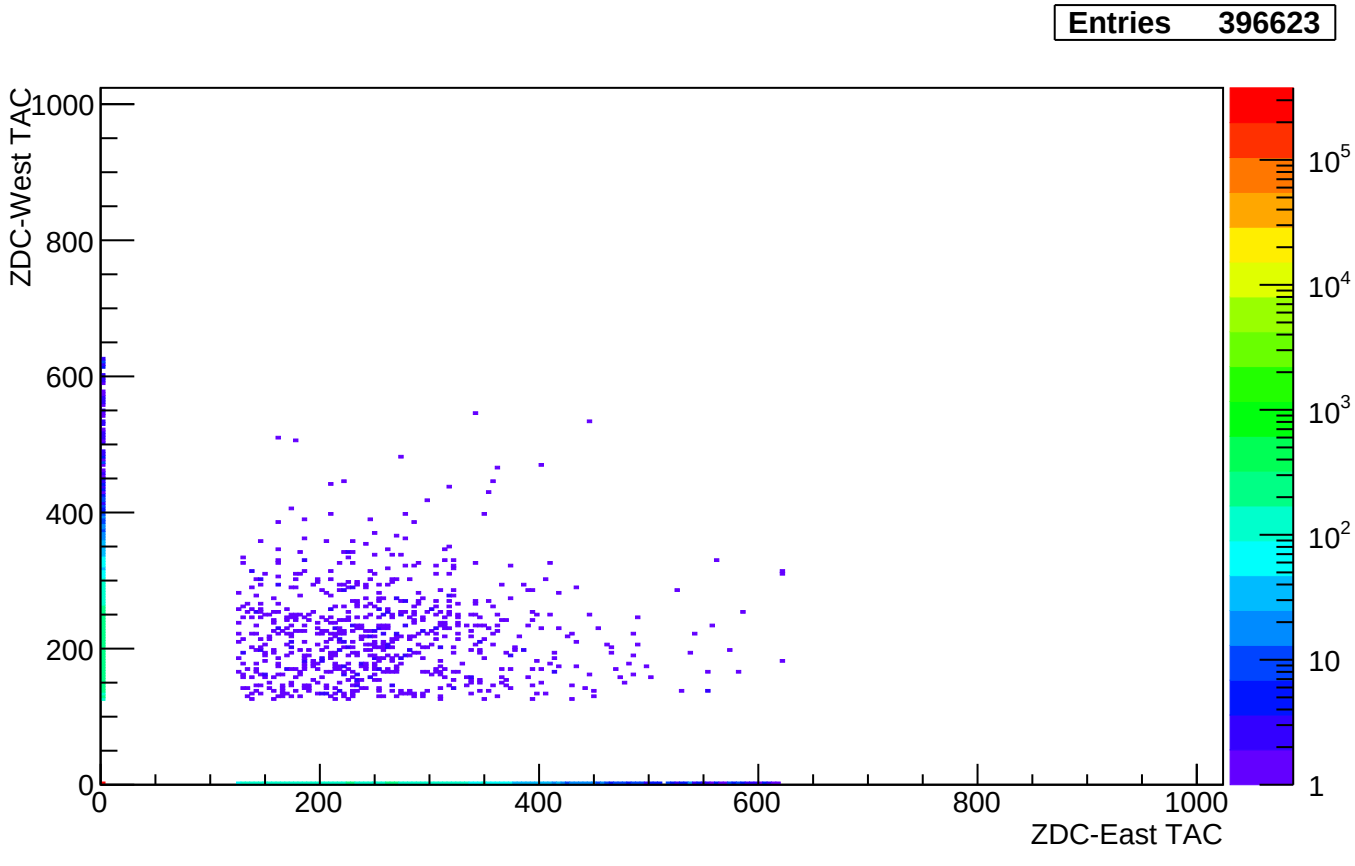

Entries 396623
TOF-Mult
VPD-East ADC Sum

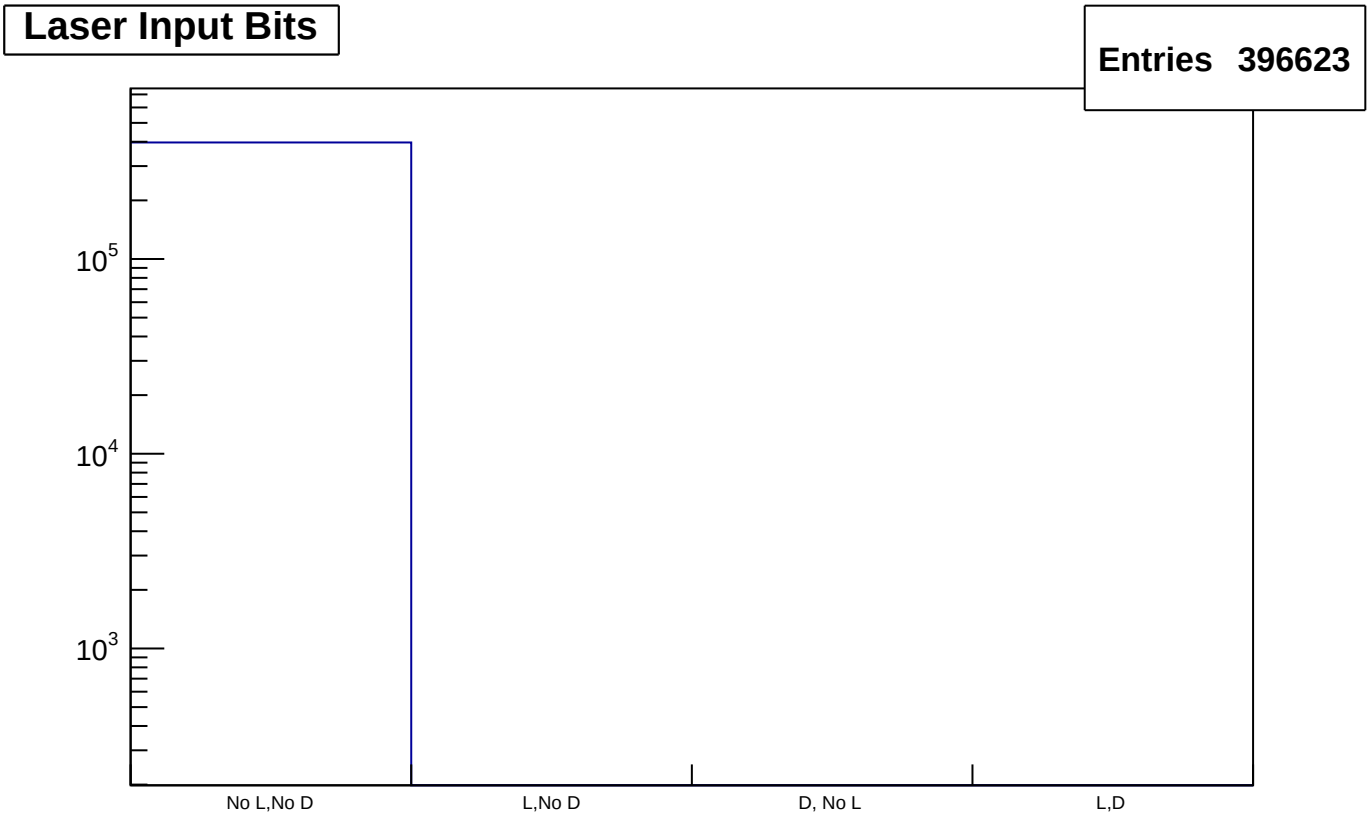

Entries 396623
TOF-Mult
VPD-West ADC Sum

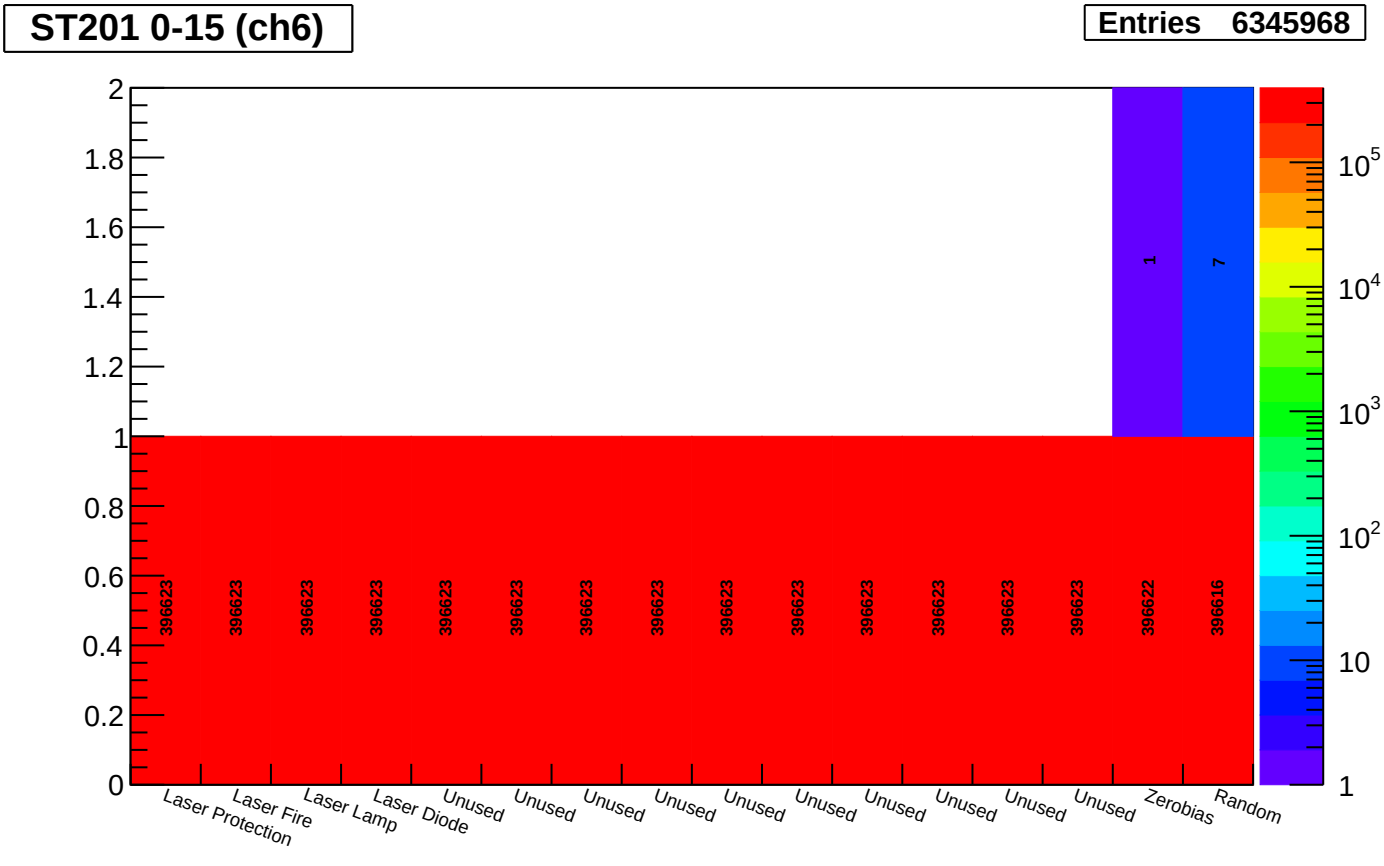

Entries 396623
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

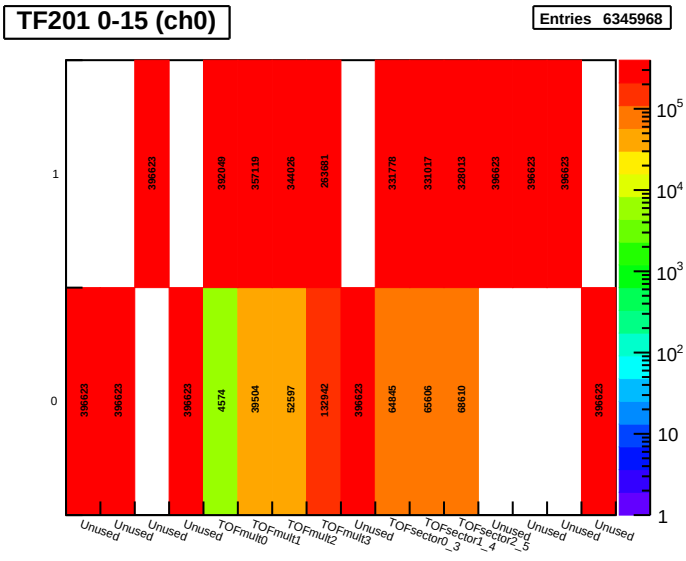

Entries 396623
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

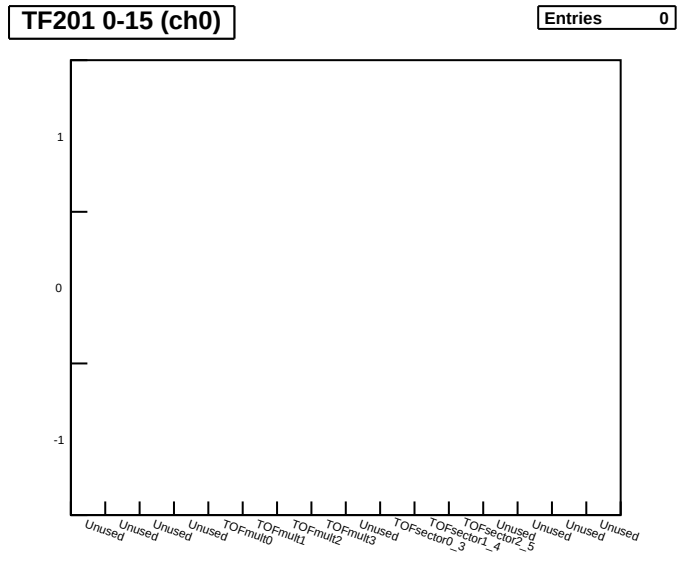

Entries 396623
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

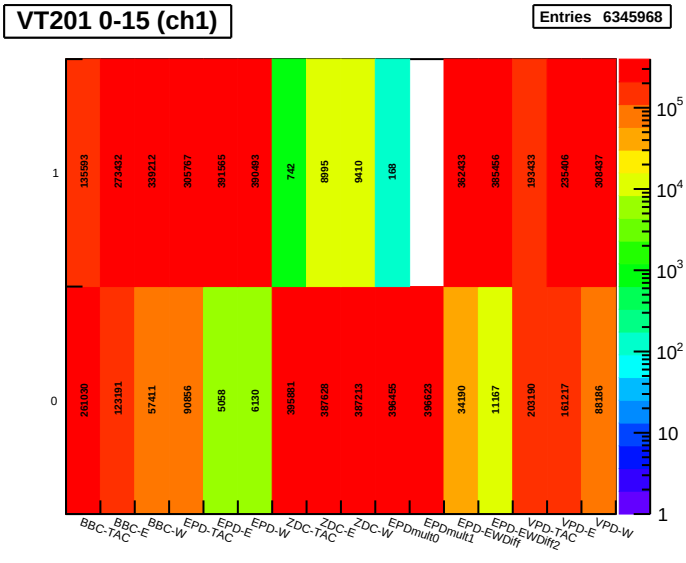

Entries 396623
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

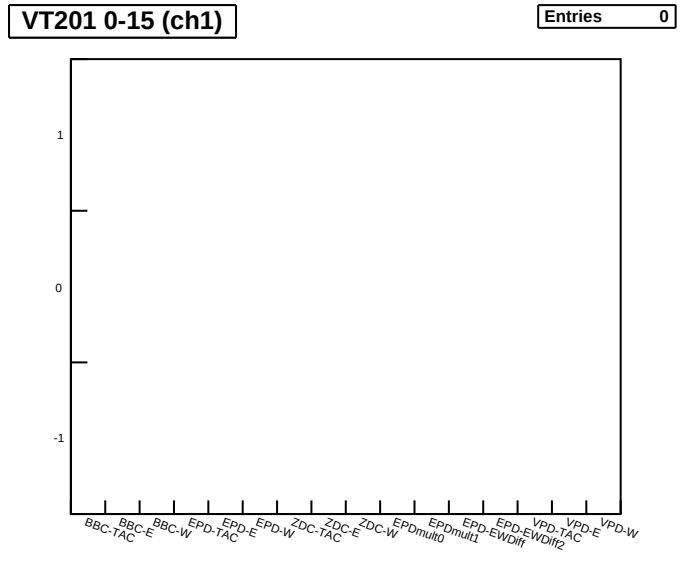

Laser Input Bits
Entries 396623
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

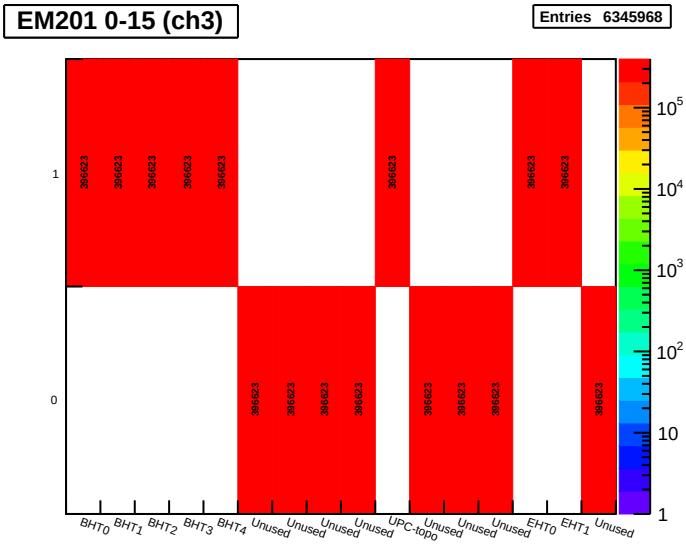

ST201 0-15 (ch6)
Entries 6345968
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
396623
396623
396623
396623
396623
396623
396623
396623
396623
396623
396623
396623
396623
396623
396622
396616
1
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

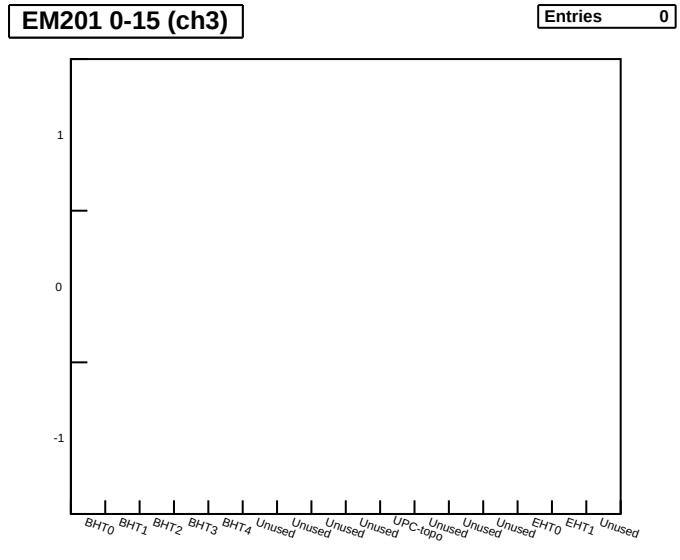

TF201 0-15 (ch0)
Entries 6345968
1
0
396623
392049
357119
344026
263681
331778
331017
328013
396623
396623
396623
396623
396623
396623
4574
39504
52597
132942
396623
64845
65606
68610
396623
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 6345968
1
0
135593
273432
339212
365767
391565
390493
742
8995
9410
168
362433
385456
193433
235406
308437
261030
123191
57411
90856
5068
6130
395881
387628
387213
398455
396623
34190
11167
203190
161217
88186
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 6345968
1
0
396623
396623
396623
396623
396623
396623
396623
396623
396623
396623
396623
396623
396623
396623
396623
396623
396623
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