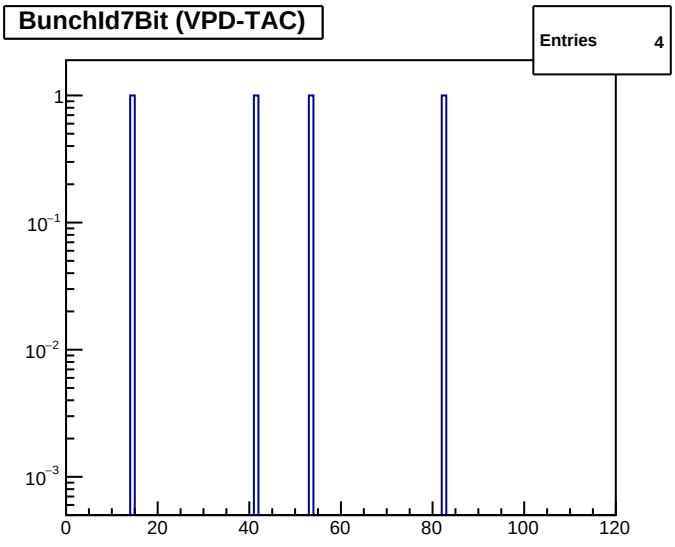
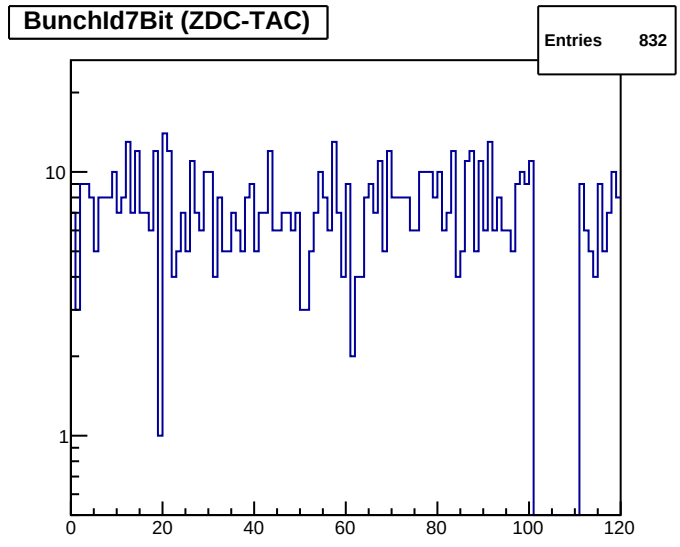
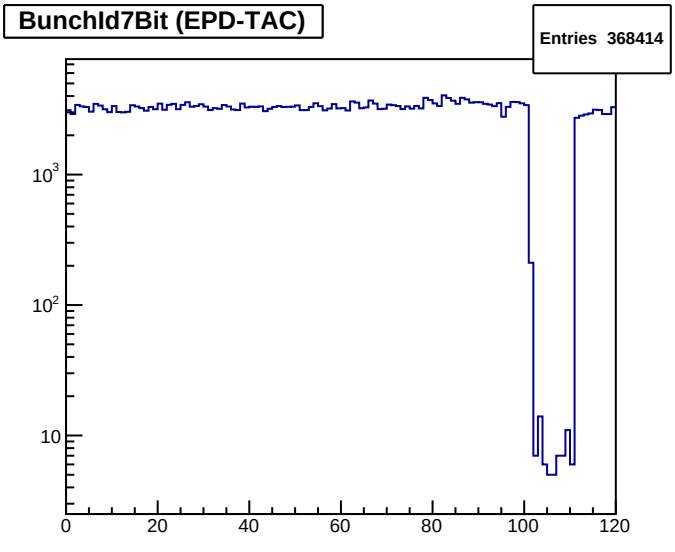
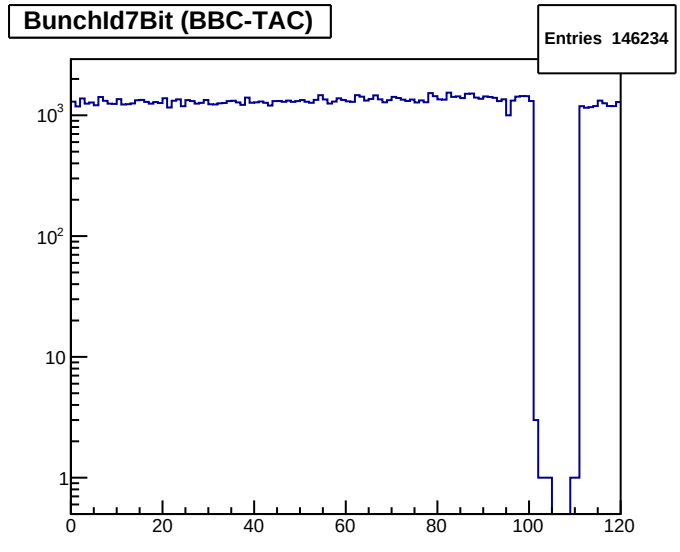
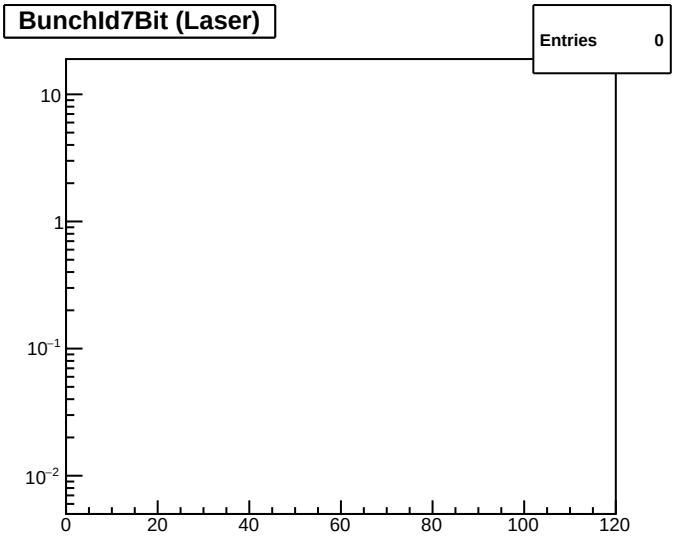
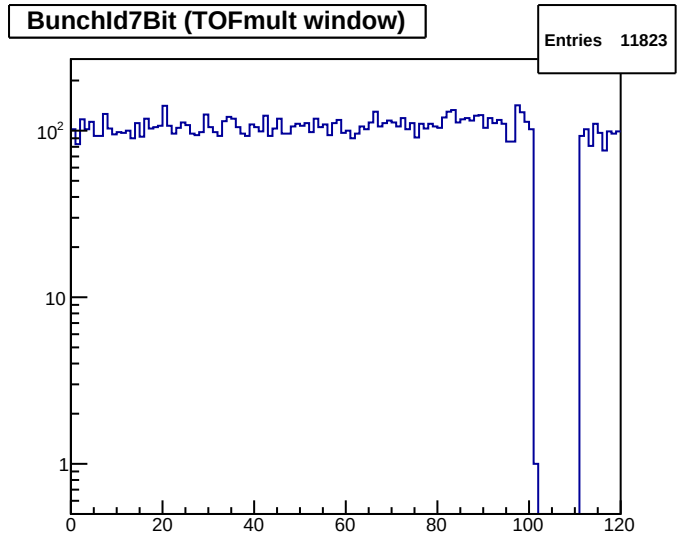

BunchId7Bit (VPD-TAC)
Entries 4

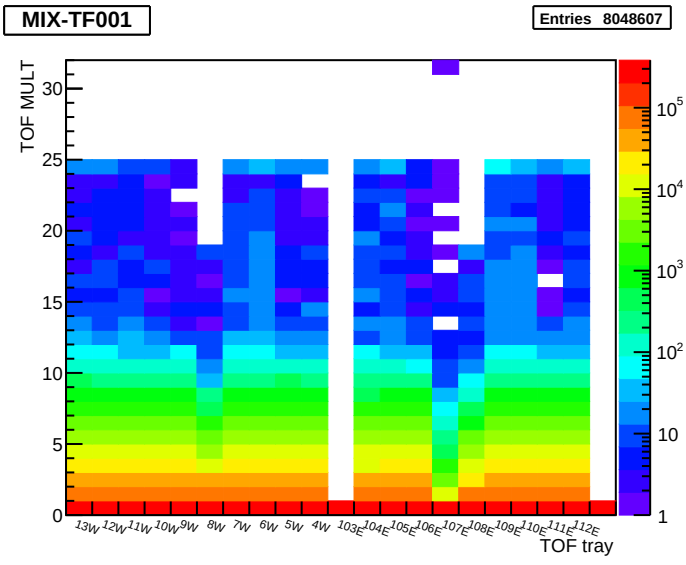

BunchId7Bit (ZDC-TAC)
Entries 832

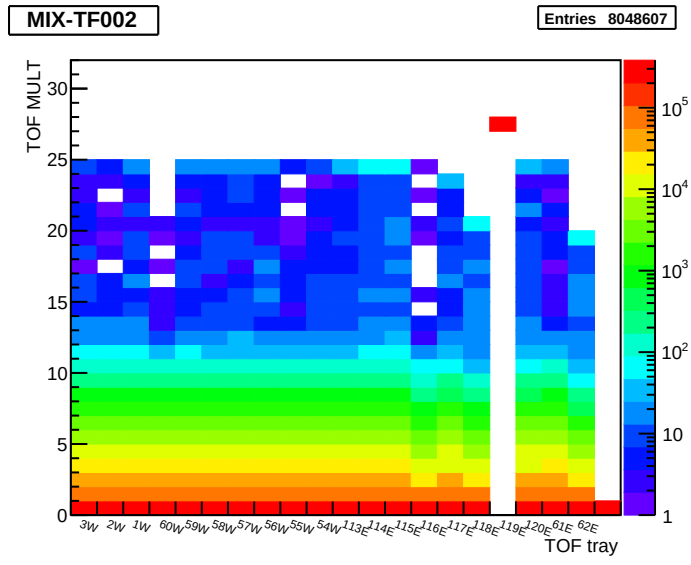

BunchId7Bit (EPD-TAC)
Entries 368414

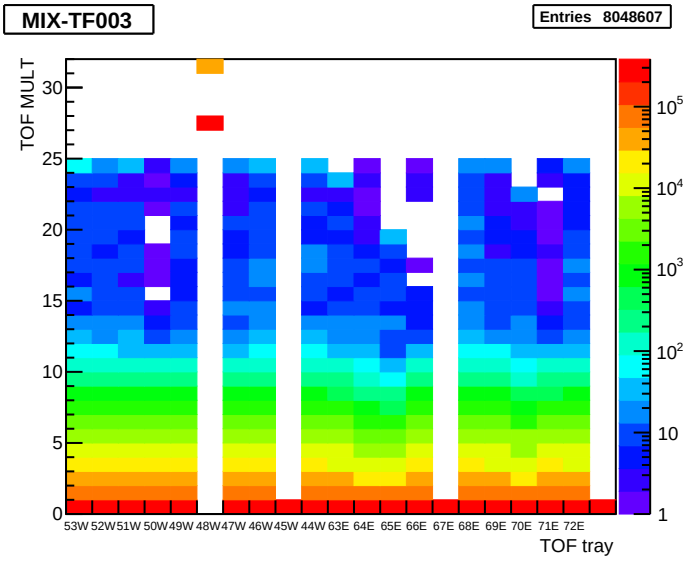

BunchId7Bit (BBC-TAC)
Entries 146234

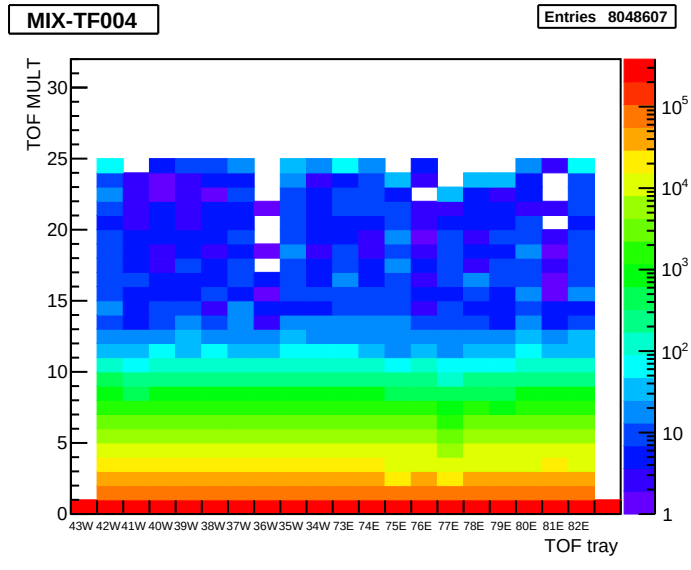

BunchId7Bit (Laser)
Entries 0

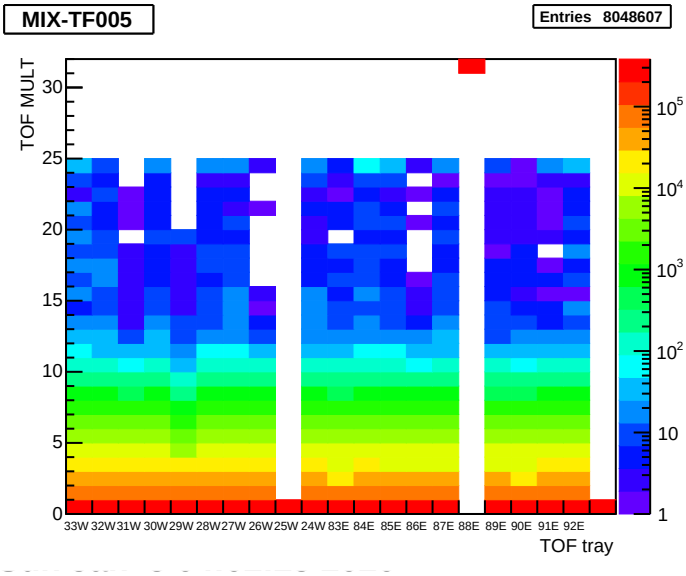

BunchId7Bit (TOFmult window)
Entries 11823

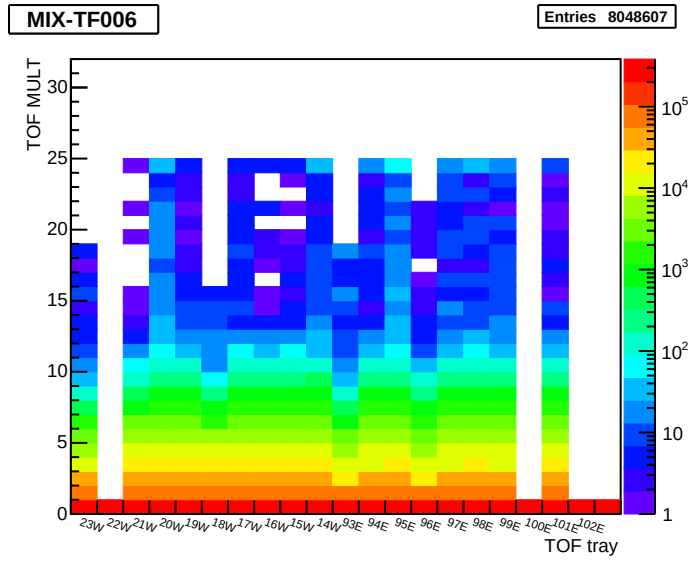

MIX-TF001
Entries 8048607
TOF MULT
TOF tray

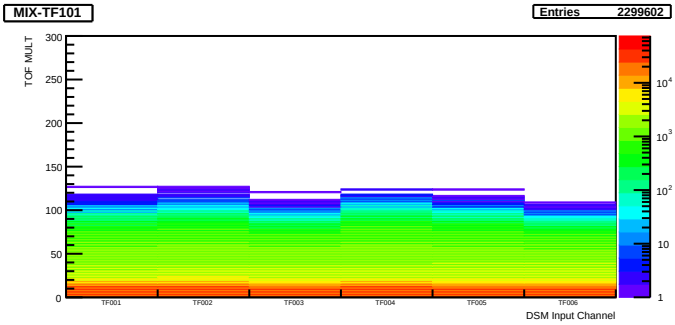

MIX-TF002
Entries 8048607
TOF MULT
TOF tray

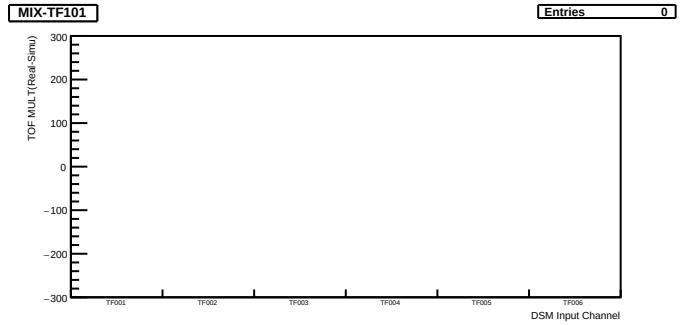

MIX-TF003
Entries 8048607
TOF MULT
TOF tray

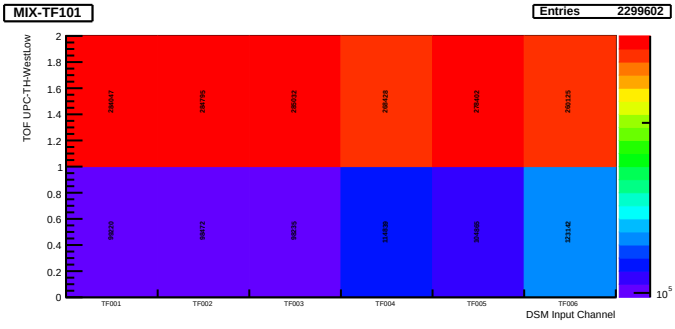

MIX-TF004
Entries 8048607
TOF MULT
TOF tray

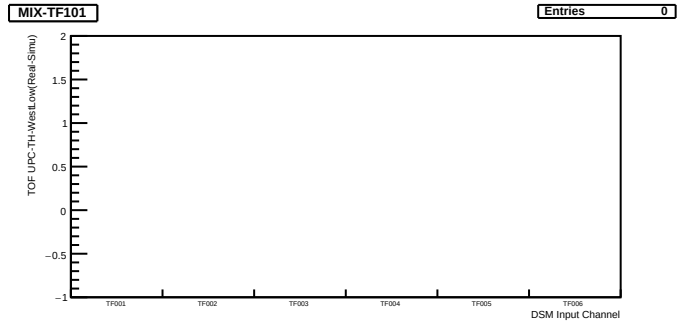

MIX-TF005
Entries 8048607
TOF MULT
TOF tray

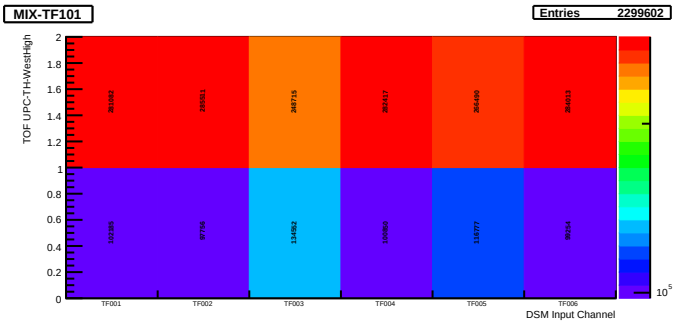

MIX-TF006
Entries 8048607
TOF MULT
TOF tray

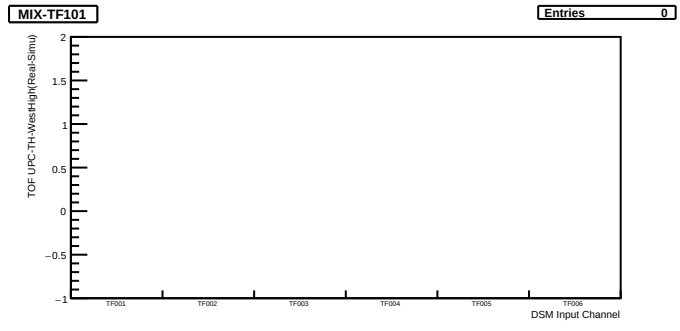

MIX-TF101
Entries 2299602
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

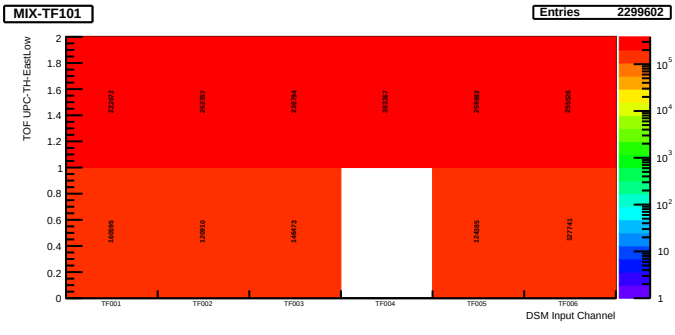

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

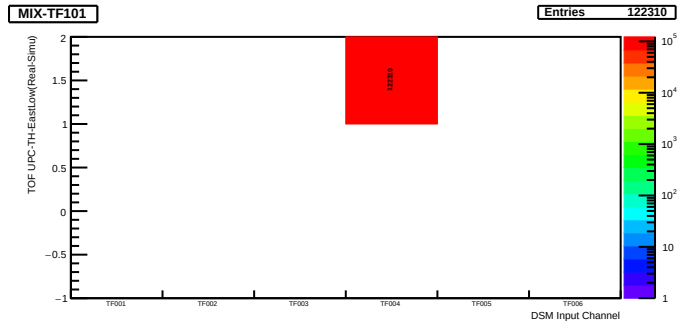

MIX-TF101
Entries 2299602
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

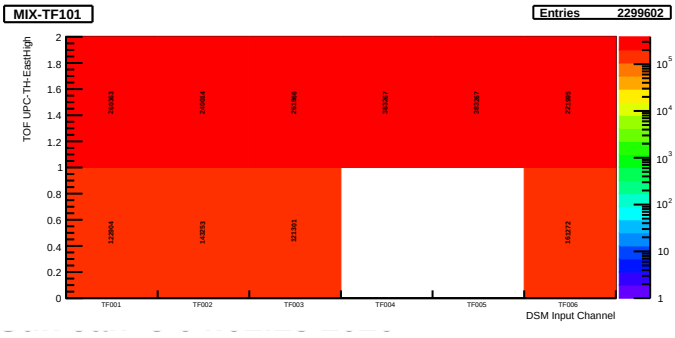

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

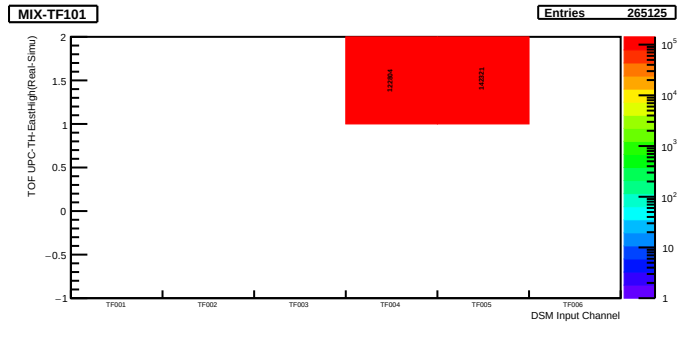

MIX-TF101
Entries 2299602
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

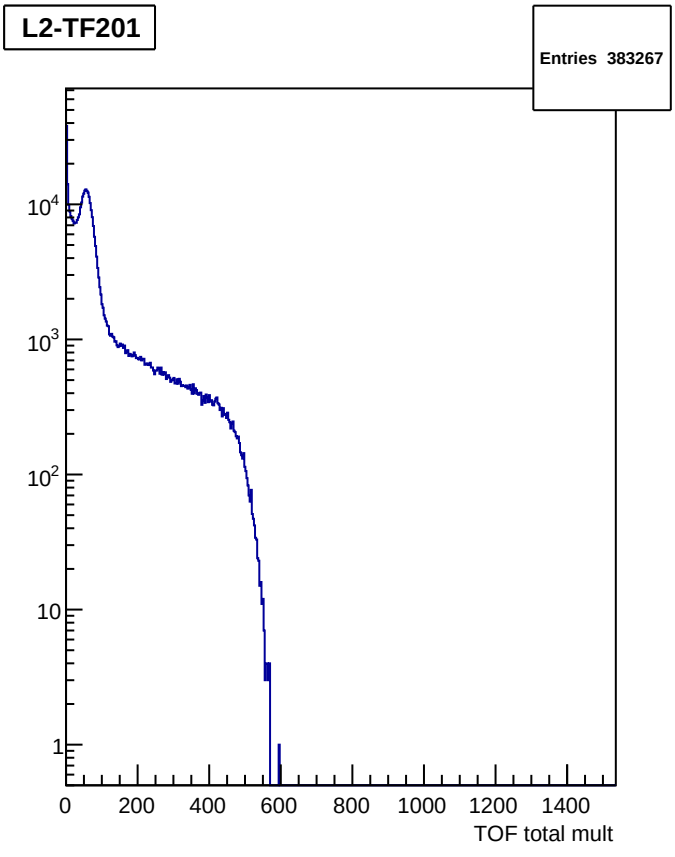

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

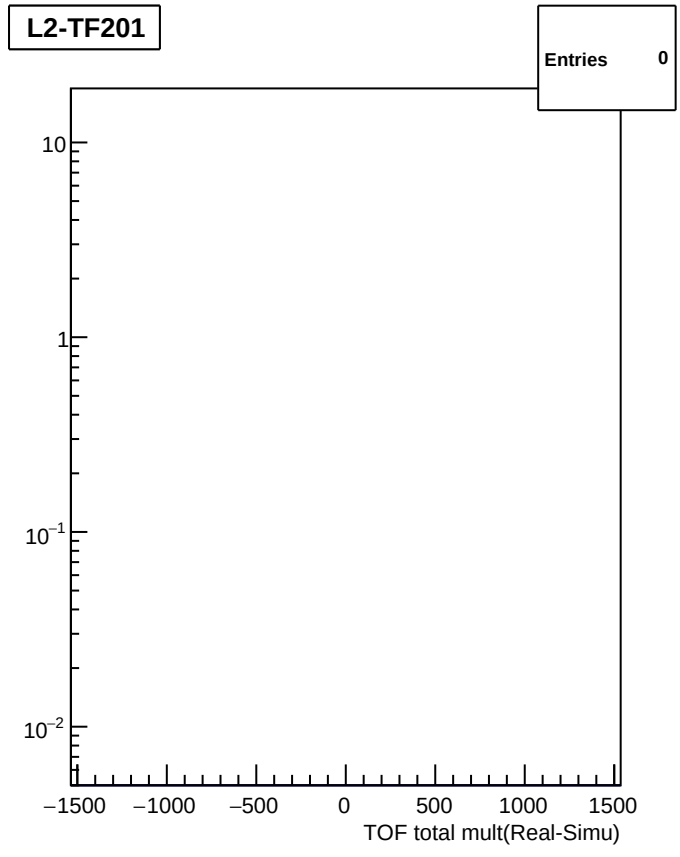

MIX-TF101
Entries 2299602
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

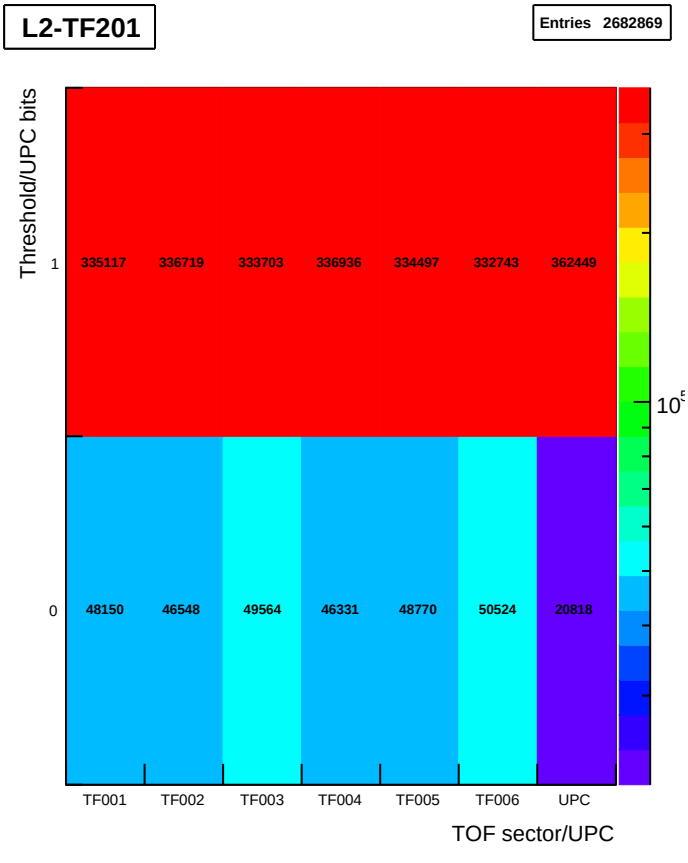

MIX-TF101
Entries 122310
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

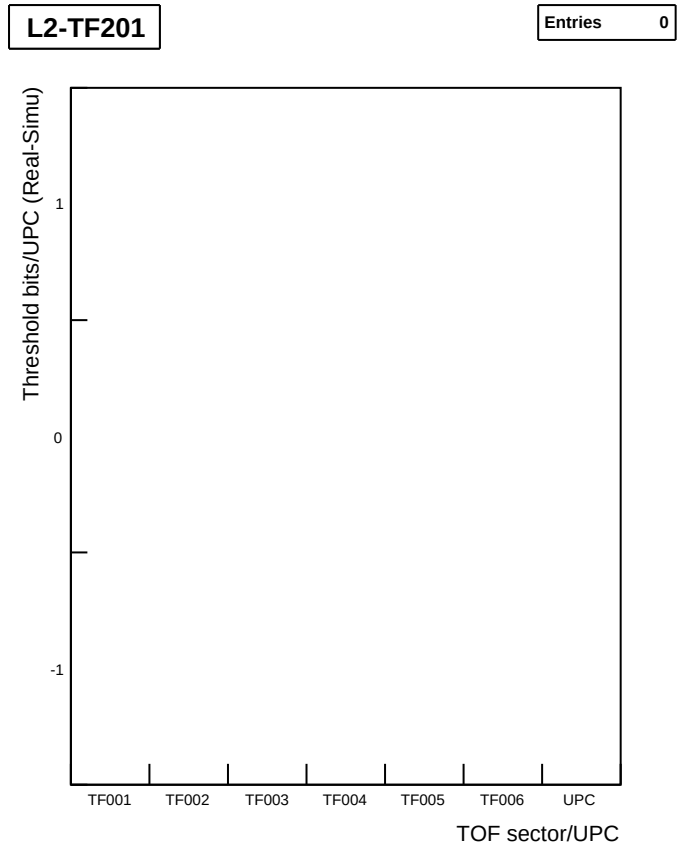

MIX-TF101
Entries 2299602
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

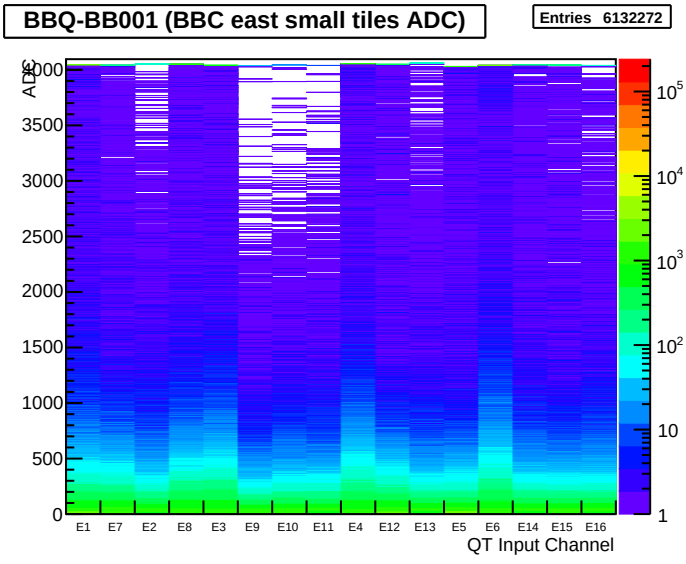

MIX-TF101
Entries 265125
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

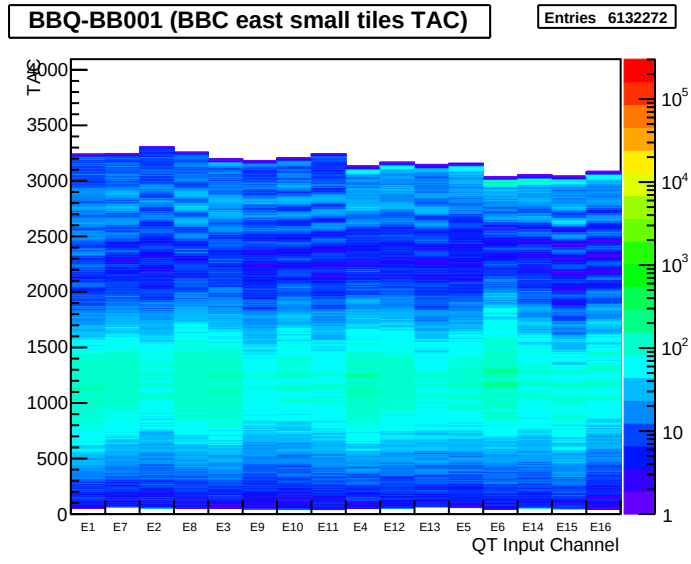

L2-TF201
Entries 383267
TOF total mult

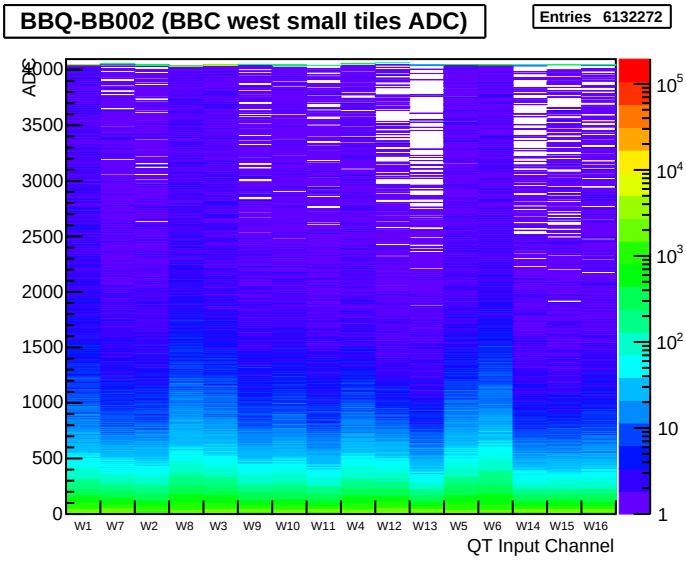

L2-TF201
Entries 0
TOF total mult(Real-Simu)

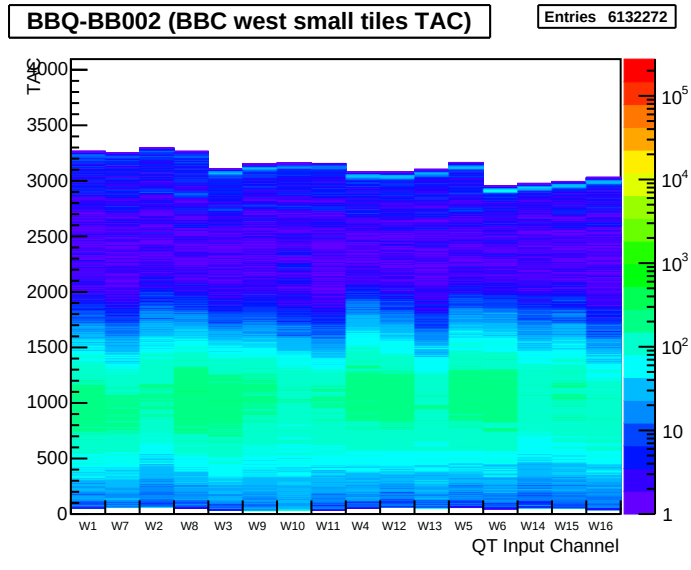

L2-TF201
Entries 2682869
Threshold/UPC bits
335117 336719 333703 336936 334497 332743 362449
48150 46548 49564 46331 48770 50524 20818
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

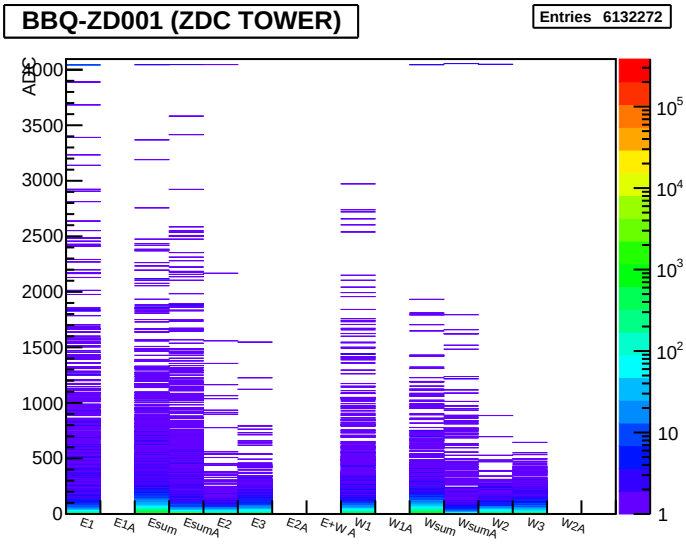

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

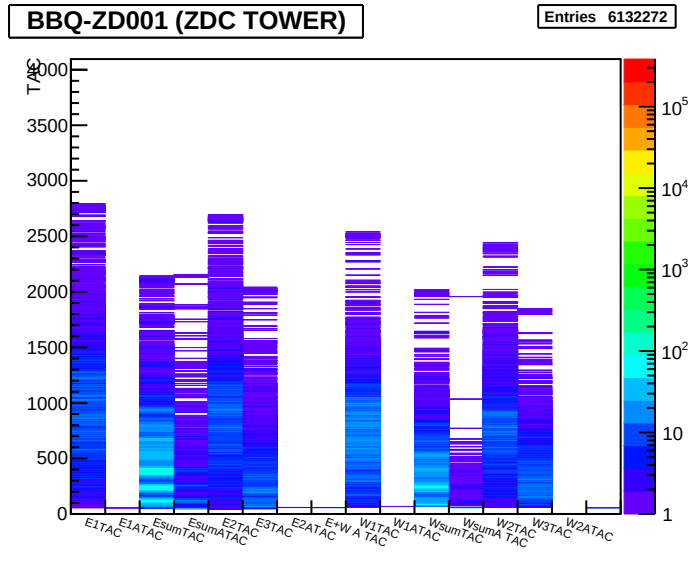

BBQ-BB001 (BBC east small tiles ADC)
Entries 6132272
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

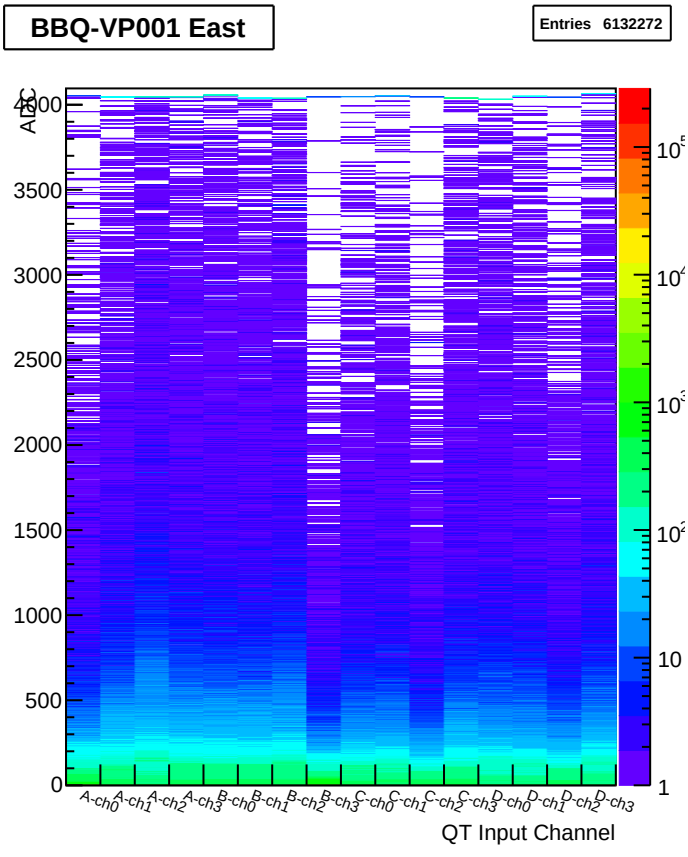

BBQ-BB001 (BBC east small tiles TAC)
Entries 6132272
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

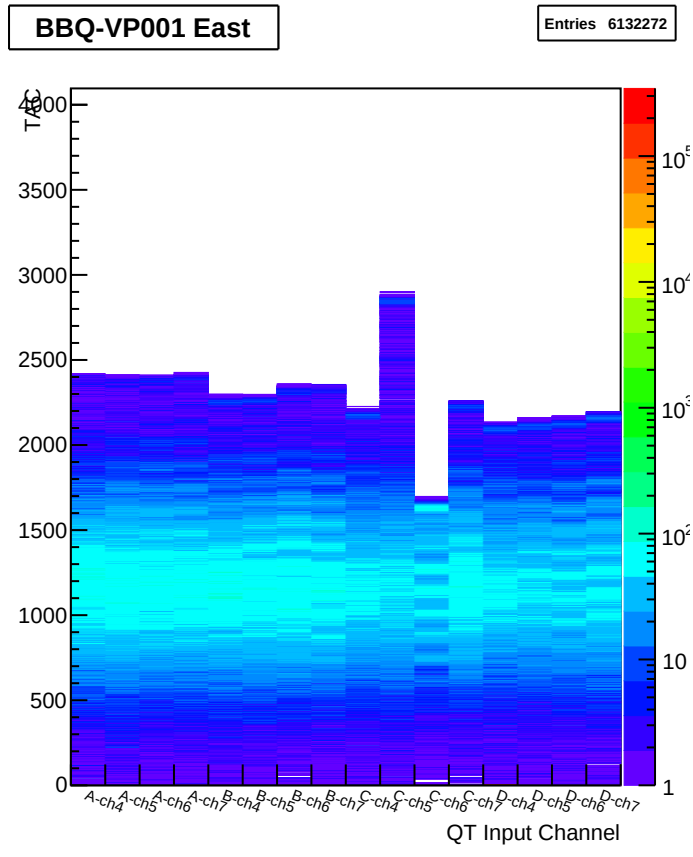

BBQ-BB002 (BBC west small tiles ADC)
Entries 6132272
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

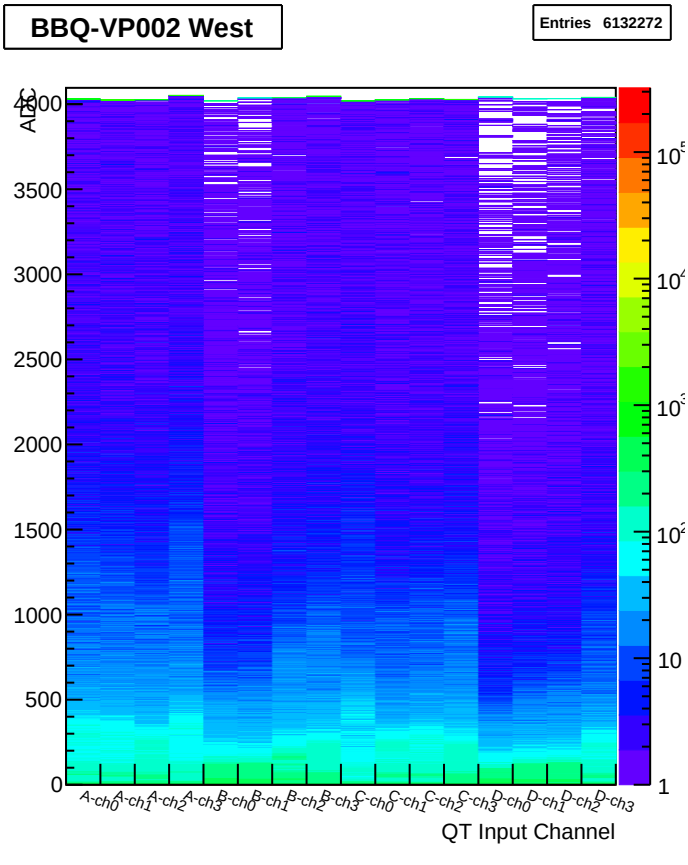

BBQ-BB002 (BBC west small tiles TAC)
Entries 6132272
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

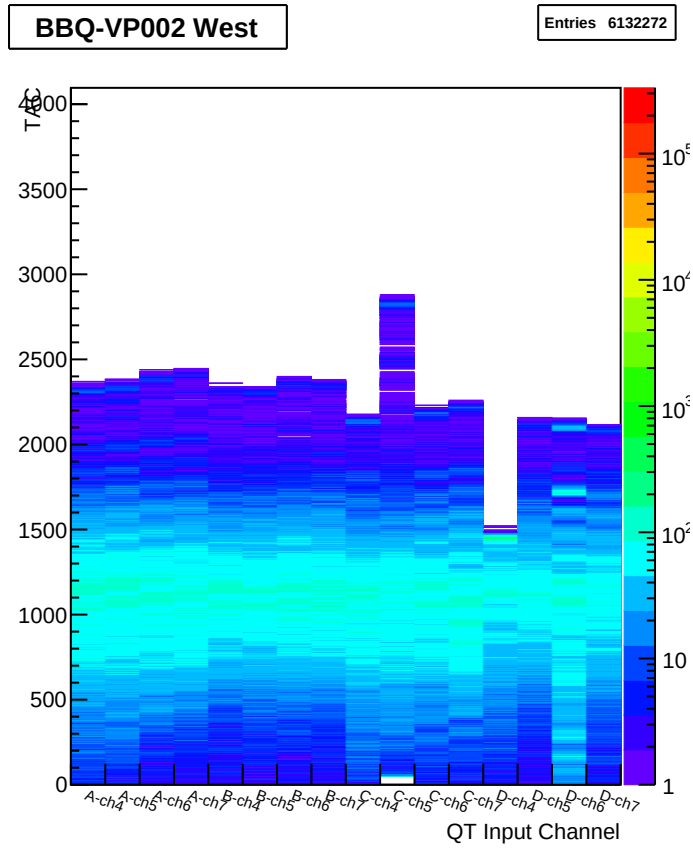

BBQ-ZD001 (ZDC TOWER)
Entries 6132272
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

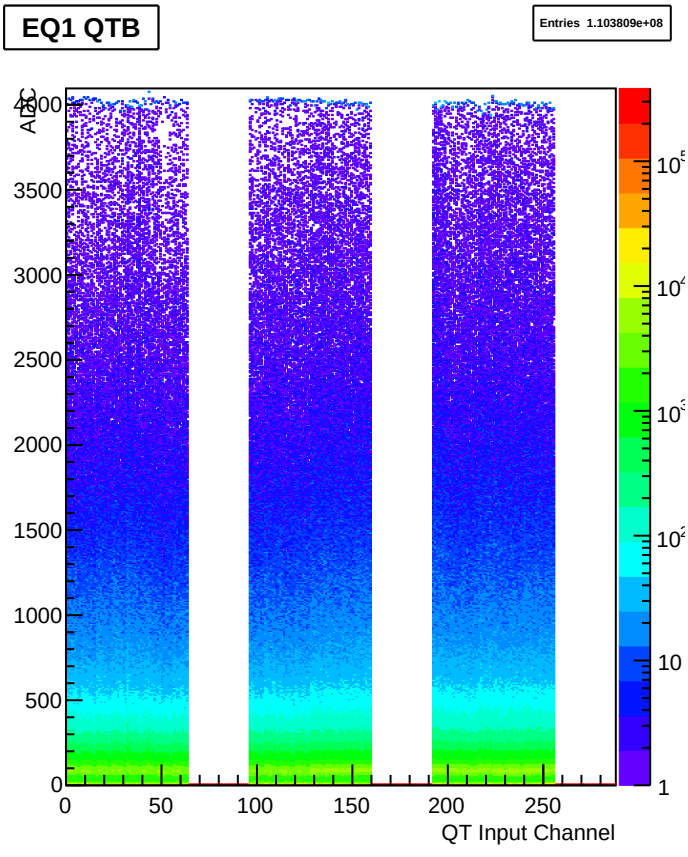

BBQ-ZD001 (ZDC TOWER)
Entries 6132272
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

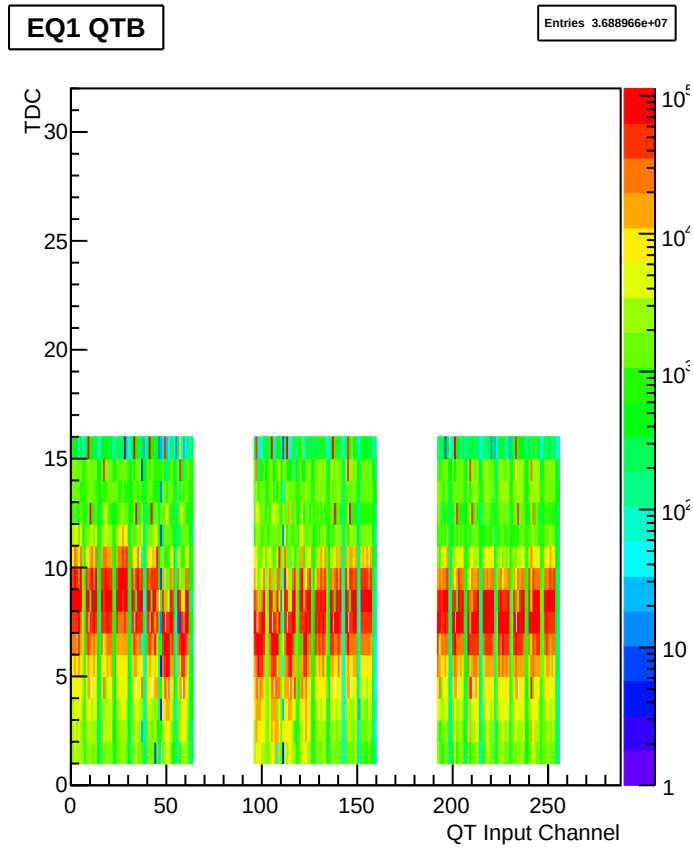

BBQ-VP001 East
Entries 6132272
ADC
QT Input Channel

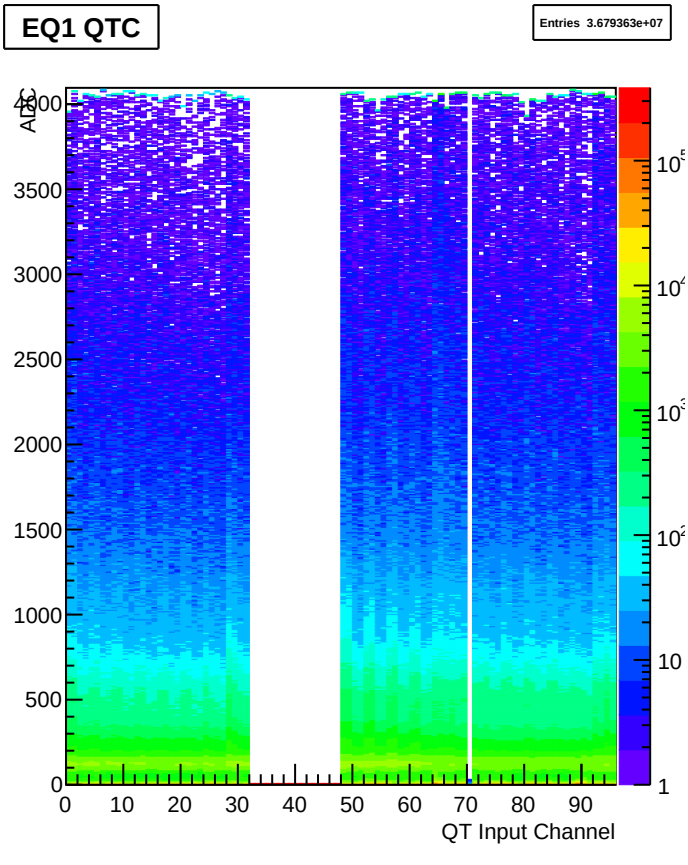

BBQ-VP001 East
Entries 6132272
TAC
QT Input Channel

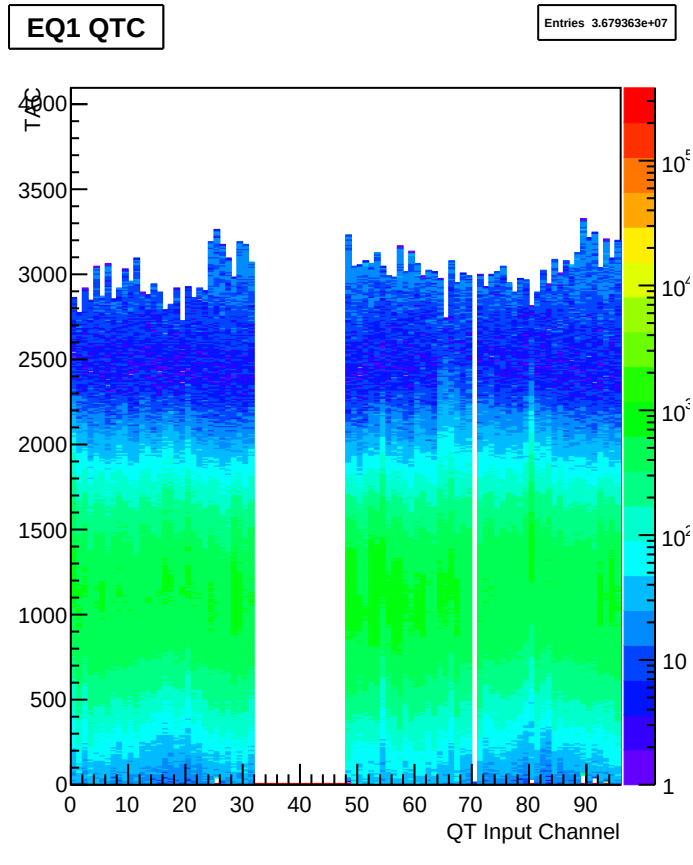

BBQ-VP002 West
Entries 6132272
ADC
QT Input Channel

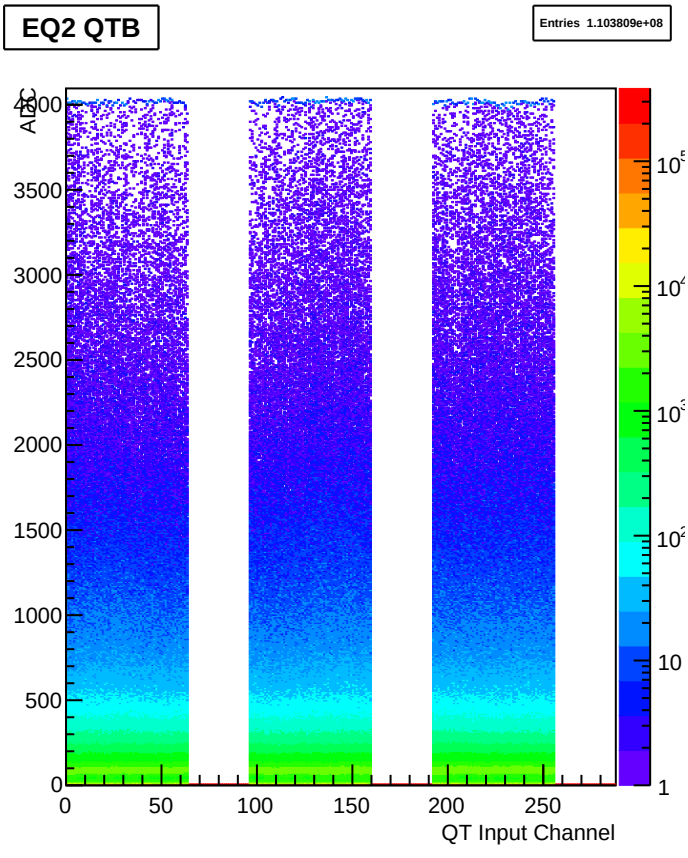

BBQ-VP002 West
Entries 6132272
TAC
QT Input Channel

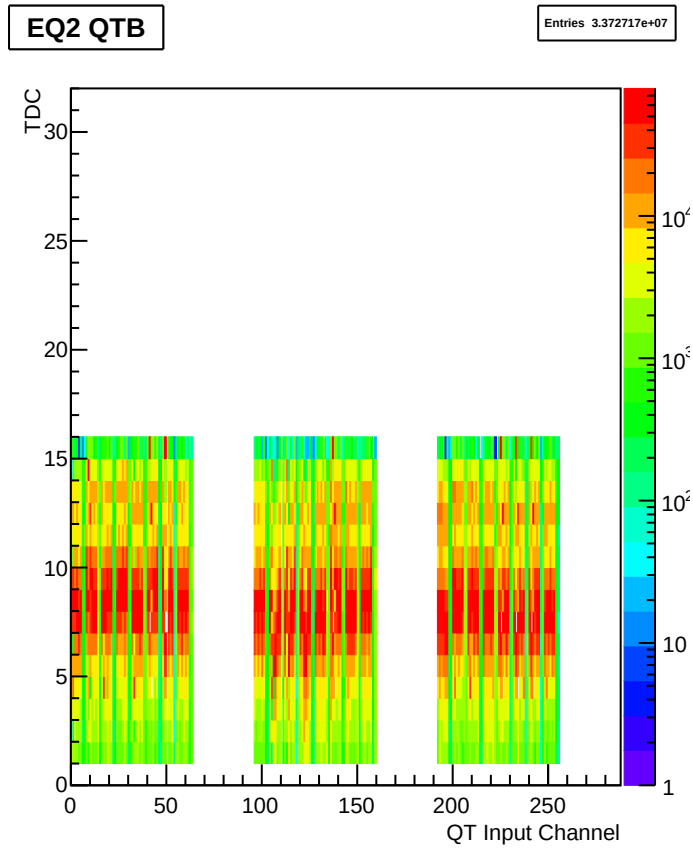

EQ1 QTB
Entries 1.103809e+08
ADC
QT Input Channel

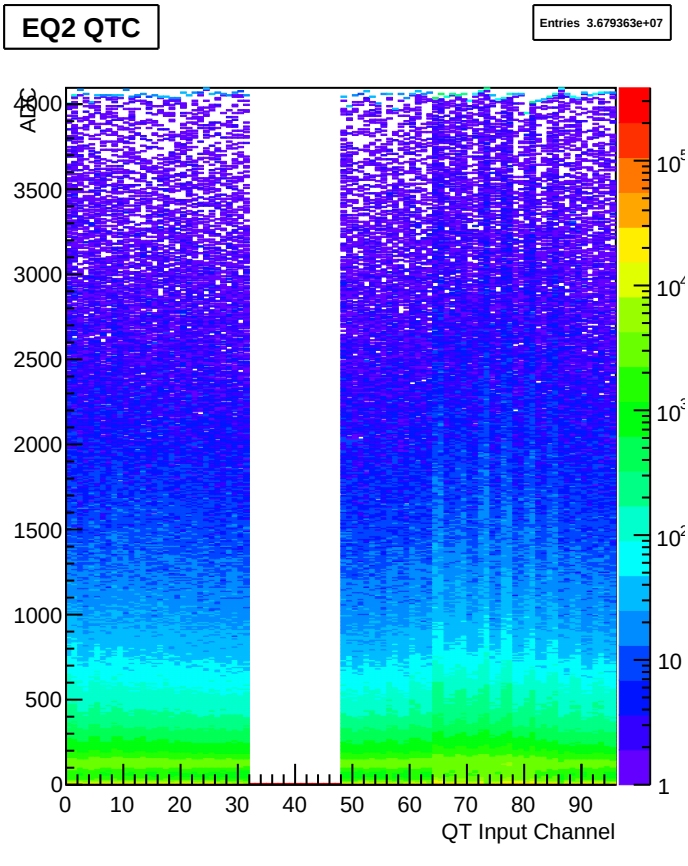

EQ1 QTB
Entries 3.688966e+07
TDC
QT Input Channel

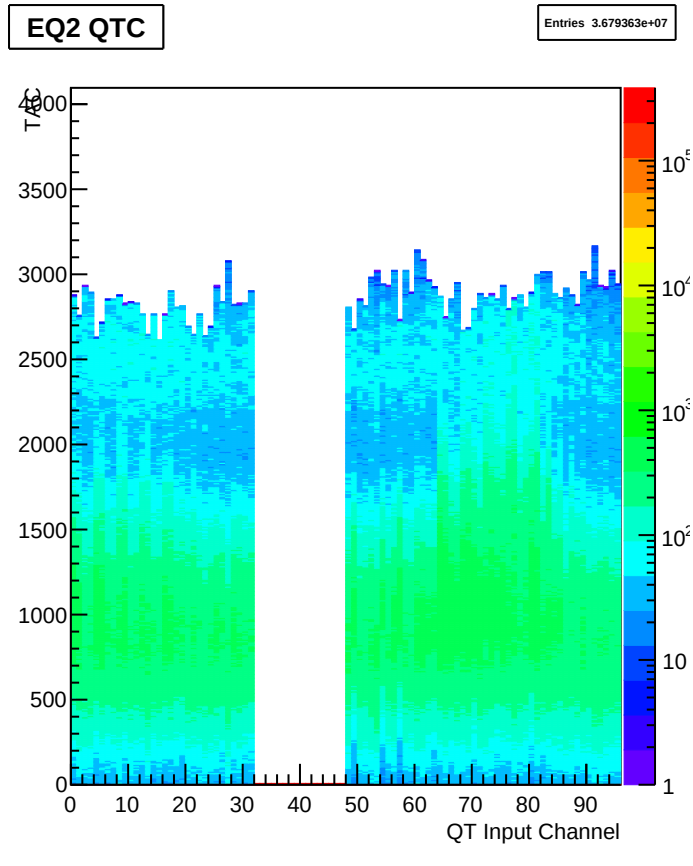

EQ1 QTC
Entries 3.679363e+07
ADC
QT Input Channel

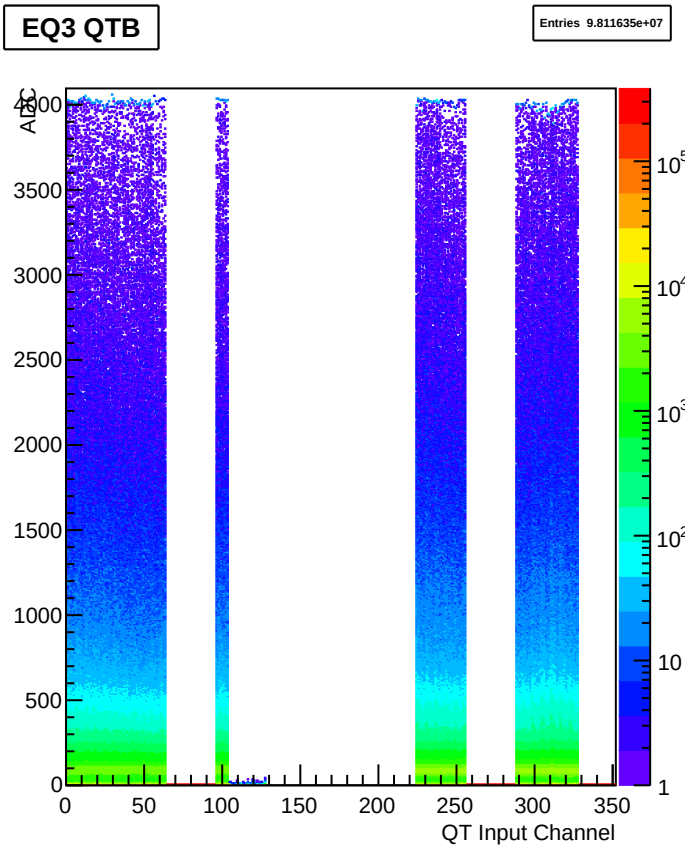

EQ1 QTC
Entries 3.679363e+07
TADC
QT Input Channel

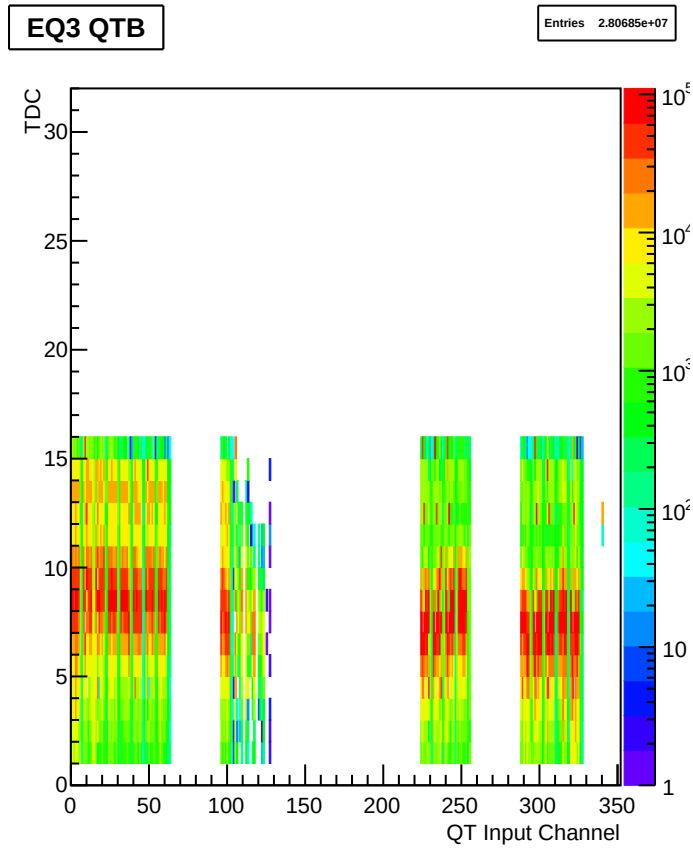

EQ2 QTB
Entries 1.103809e+08
ADC
QT Input Channel

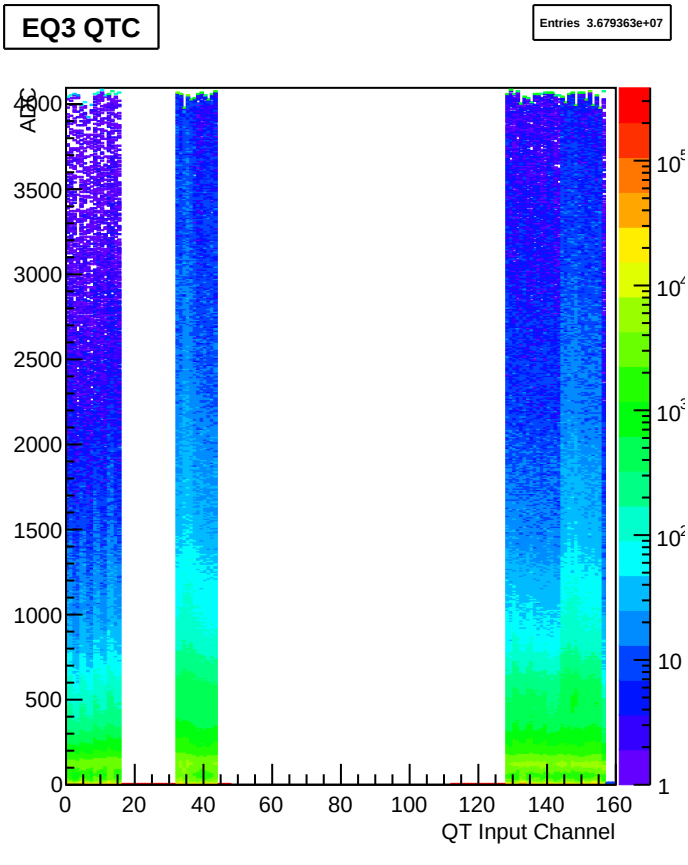

EQ2 QTB
Entries 3.372717e+07
TDC
QT Input Channel

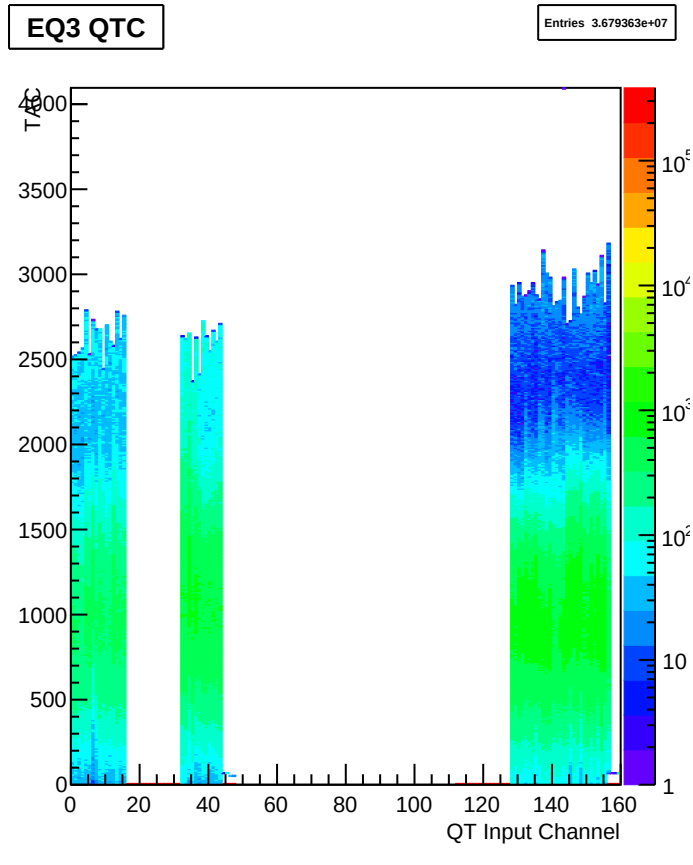

EQ2 QTC
Entries 3.679363e+07
ADC
QT Input Channel

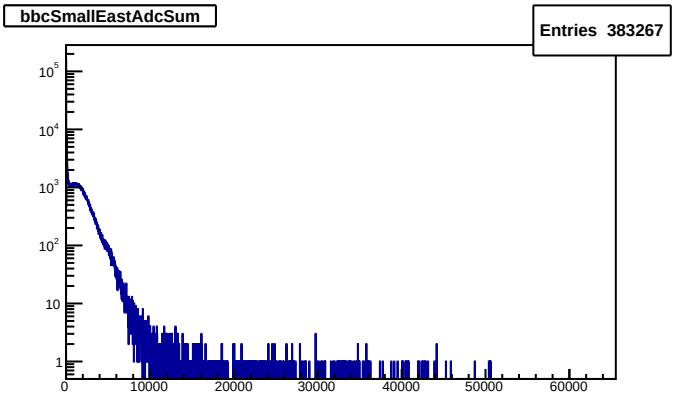

EQ2 QTC
Entries 3.679363e+07
TADC
QT Input Channel

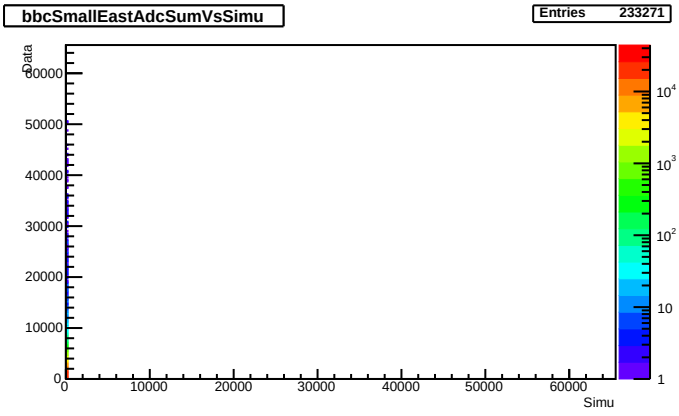

EQ3 QTB
Entries 9.811635e+07
ADC
QT Input Channel

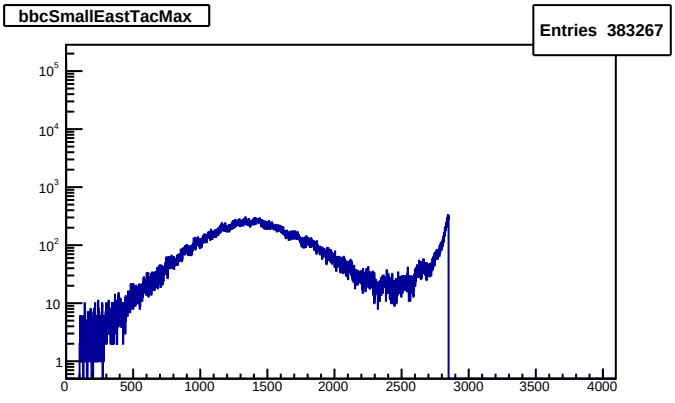

EQ3 QTB
Entries 2.80685e+07
TDC
QT Input Channel

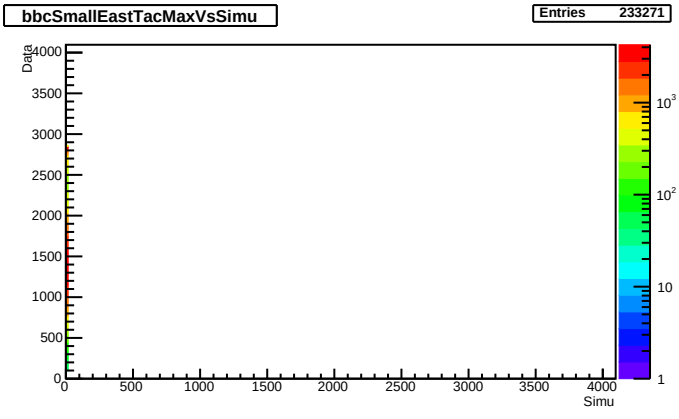

EQ3 QTC
Entries 3.679363e+07
ADC
QT Input Channel

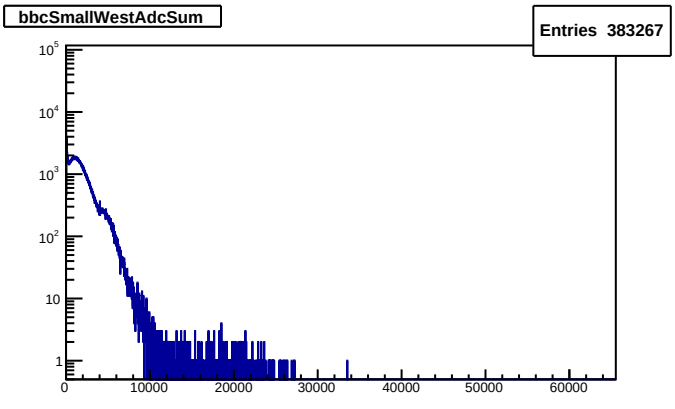

EQ3 QTC
Entries 3.679363e+07
TADC
QT Input Channel

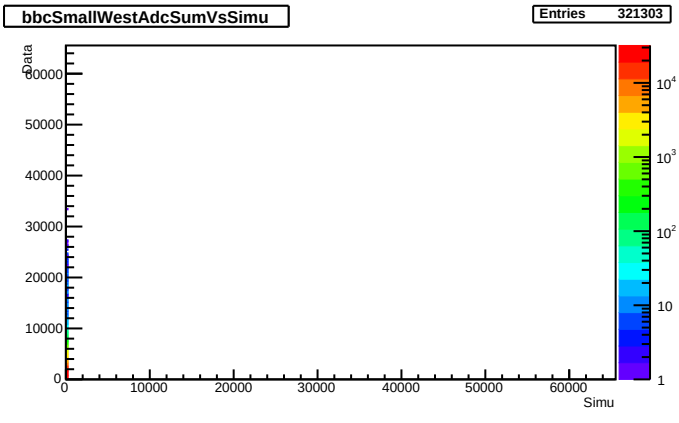

bbcSmallEastAdcSum
Entries 383267

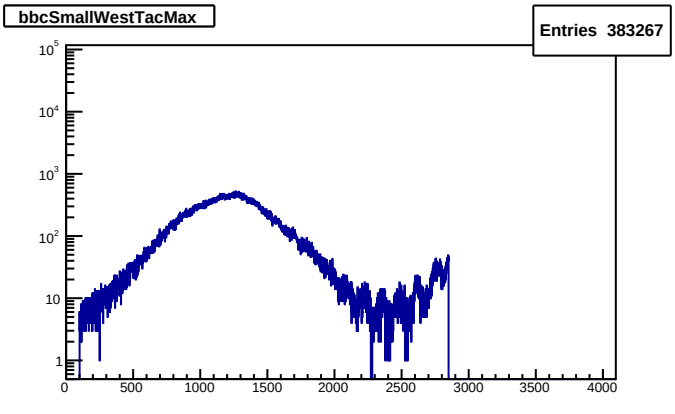

bbcSmallEastAdcSumVsSimu
Entries 233271
Data
Simu

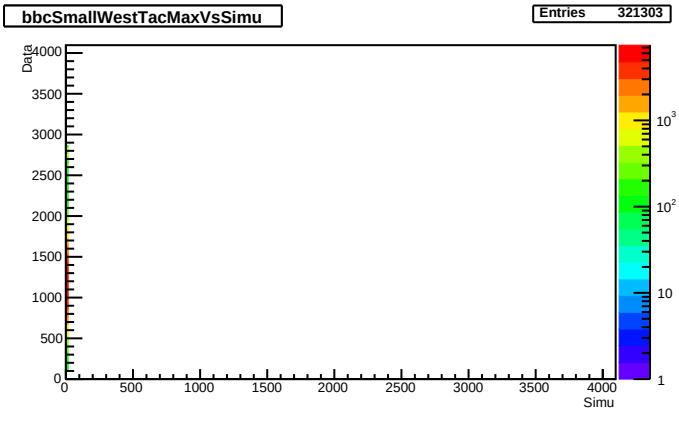

bbcSmallEastTacMax
Entries 383267

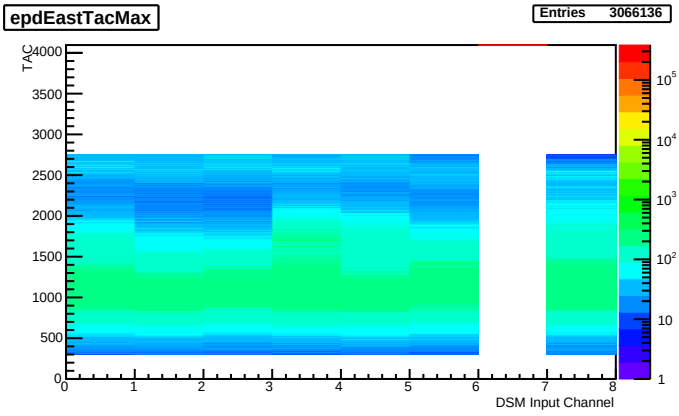

bbcSmallEastTacMaxVsSimu
Entries 233271
Data
Simu

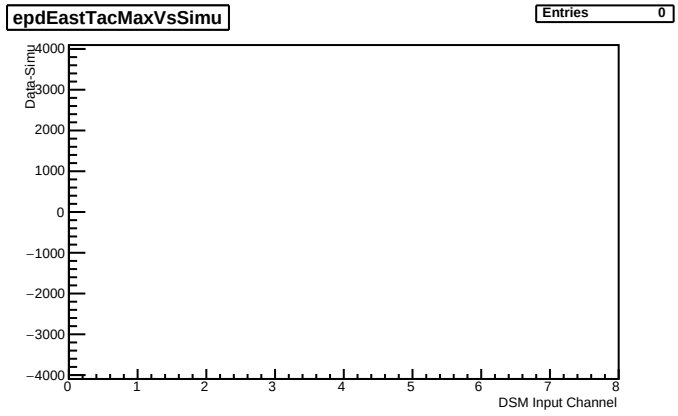

bbcSmallWestAdcSum
Entries 383267

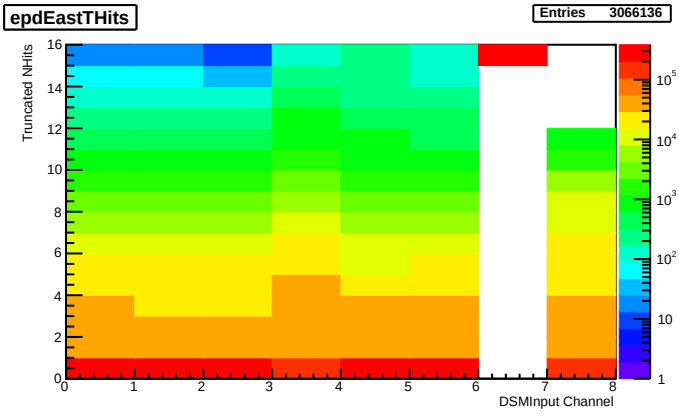

bbcSmallWestAdcSumVsSimu
Entries 321303
Data
Simu

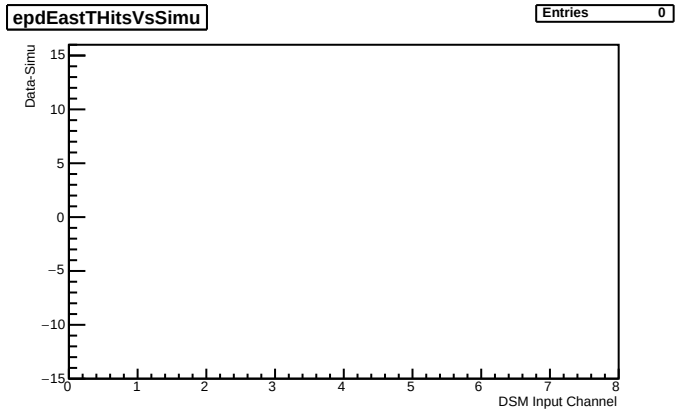

bbcSmallWestTacMax
Entries 383267

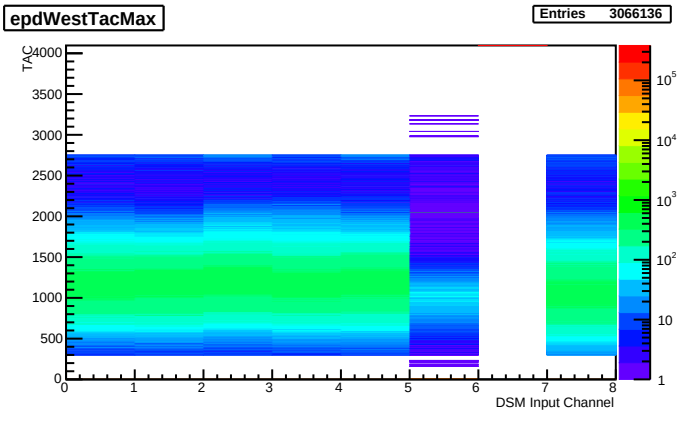

bbcSmallWestTacMaxVsSimu
Entries 321303
Data
Simu

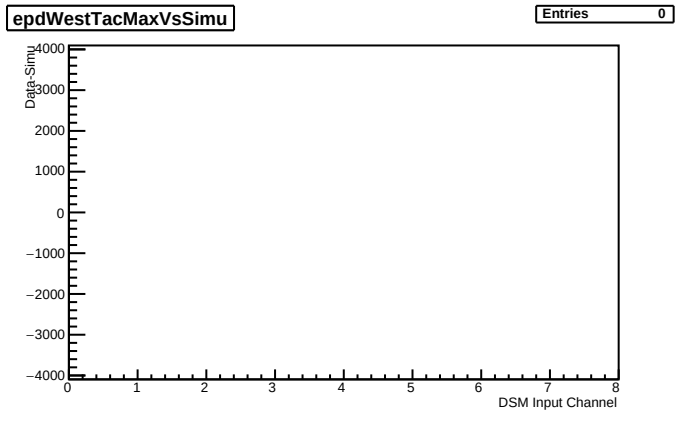

epdEastTacMax
Entries 3066136
TAC
DSM Input Channel

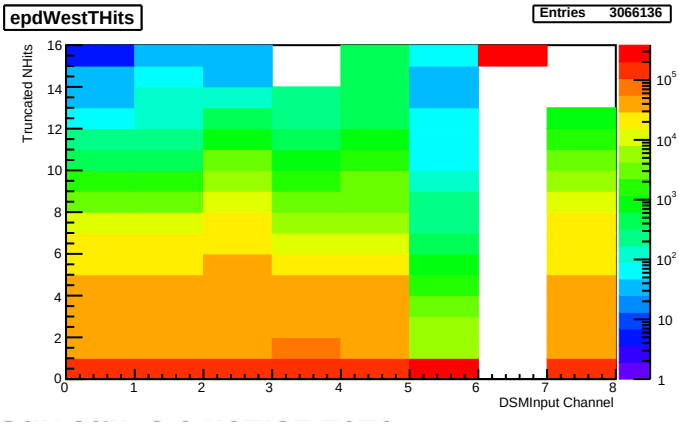

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

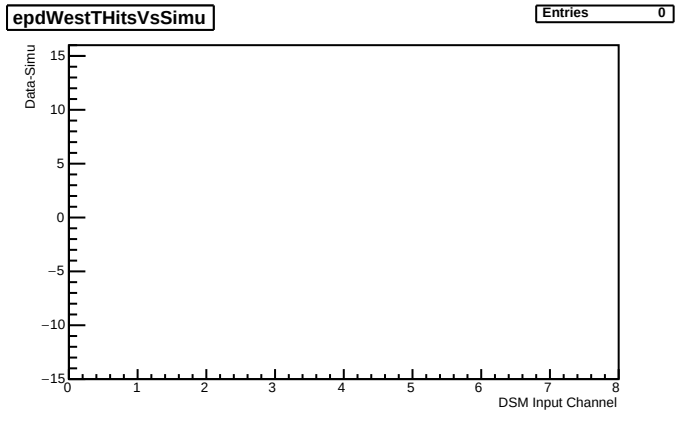

epdEastTHits
Entries 3066136
Truncated NHits
DSMInput Channel

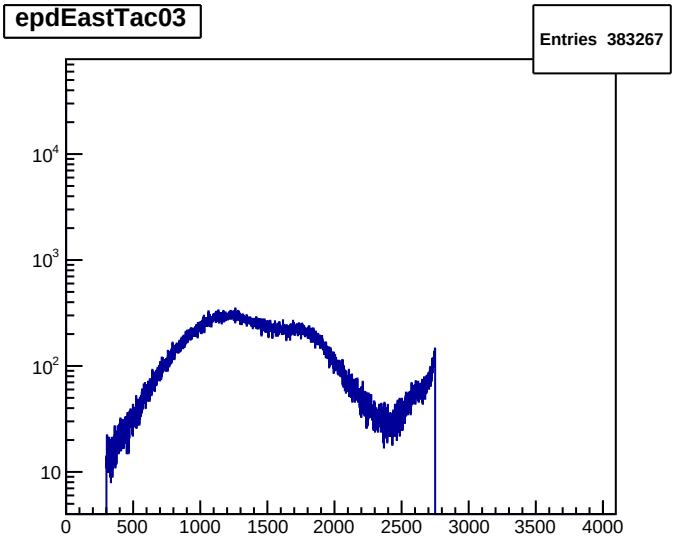

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

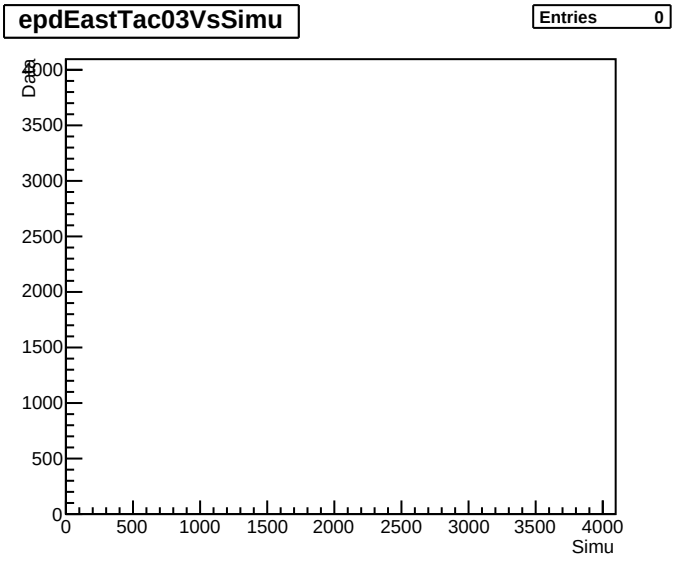

epdWestTacMax
Entries 3066136
TAC
DSM Input Channel

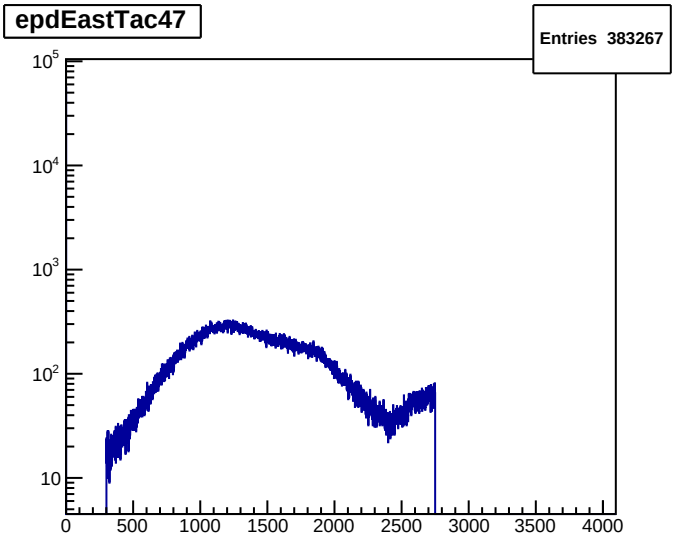

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

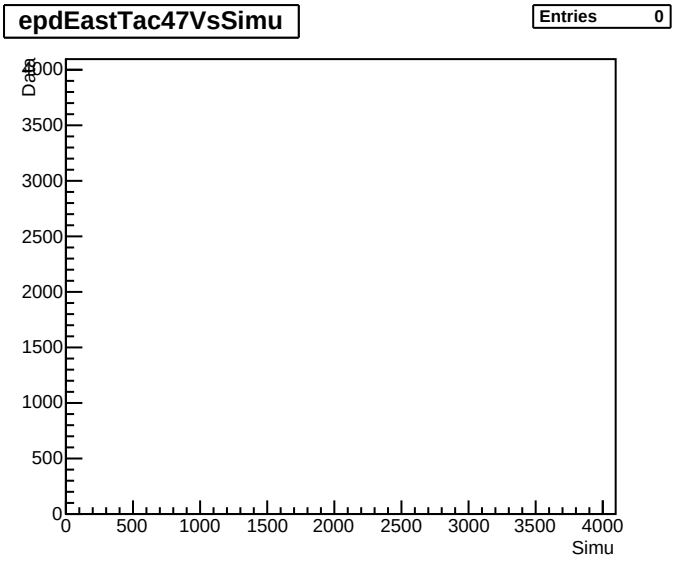

epdWestTHits
Entries 3066136
Truncated NHits
DSMInput Channel

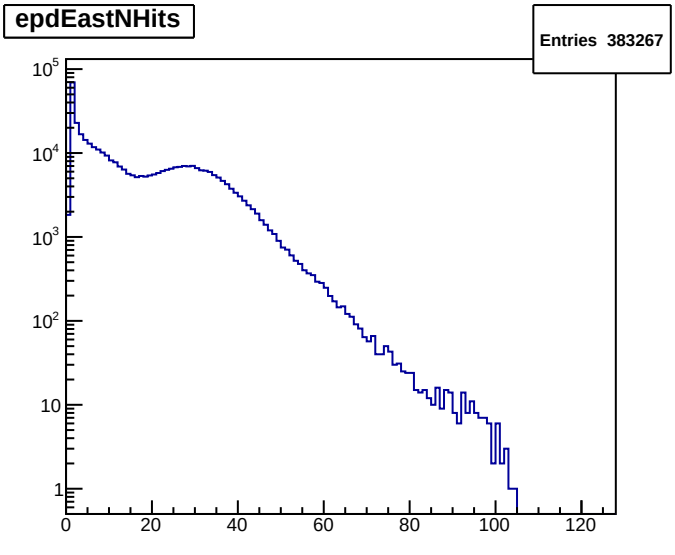

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

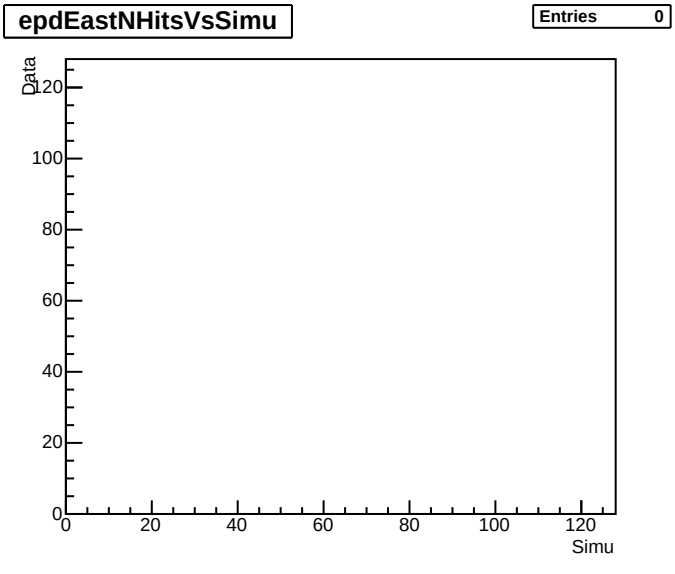

epdEastTac03
Entries 383267


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 383267


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 383267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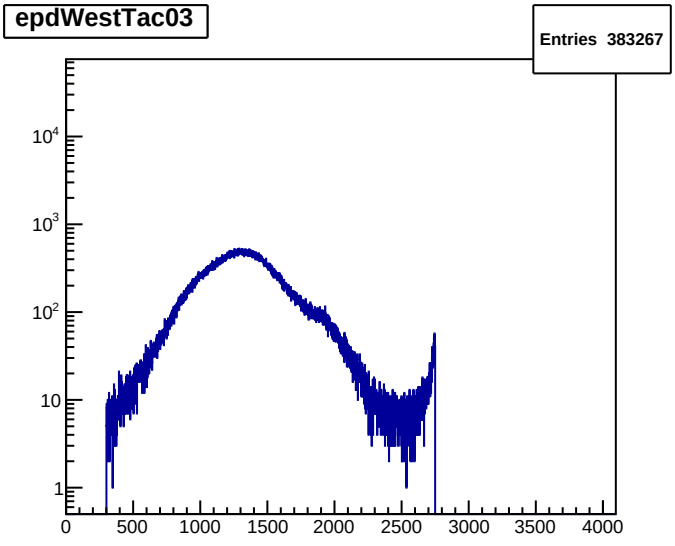
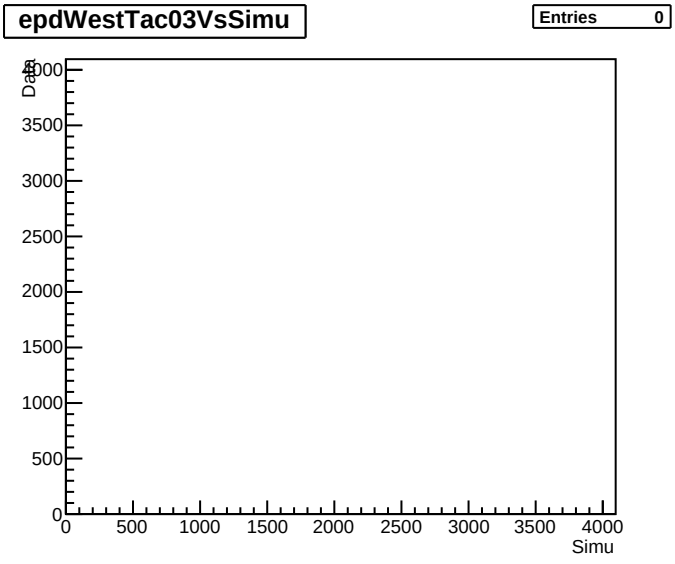
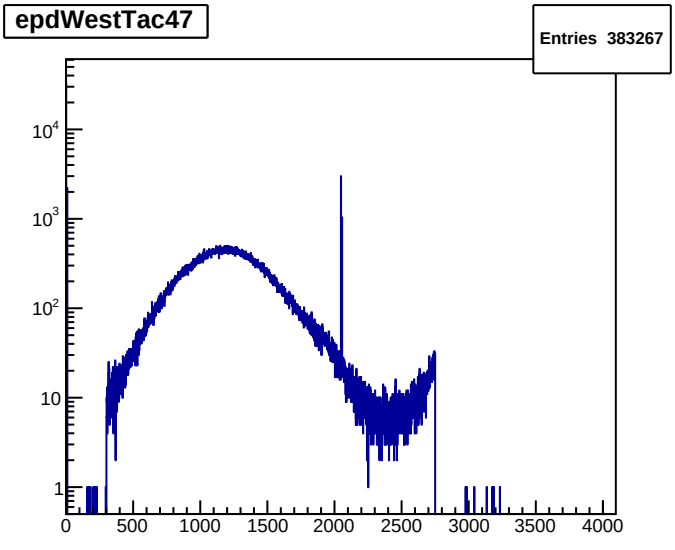
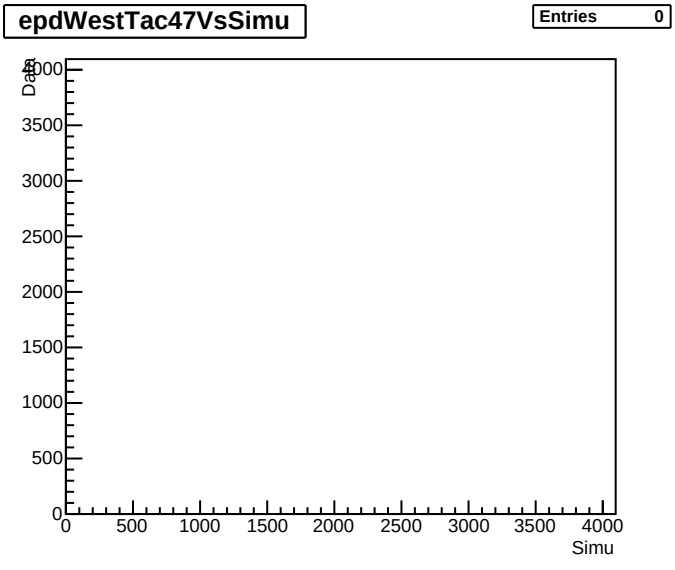
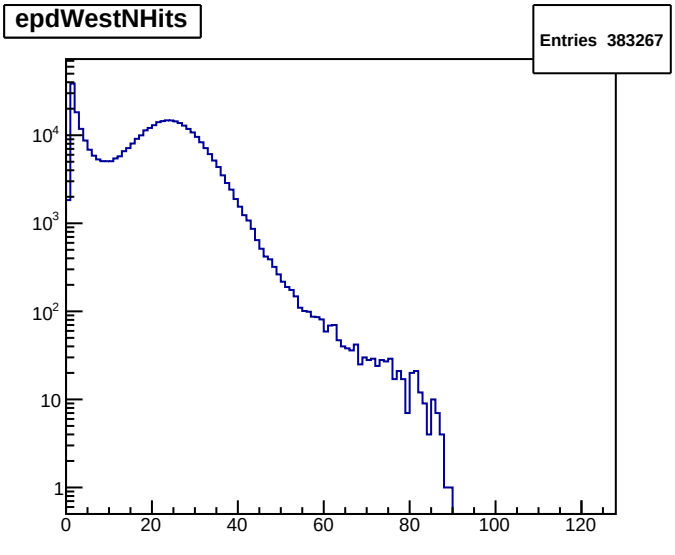
Entries 0
Data
Simu

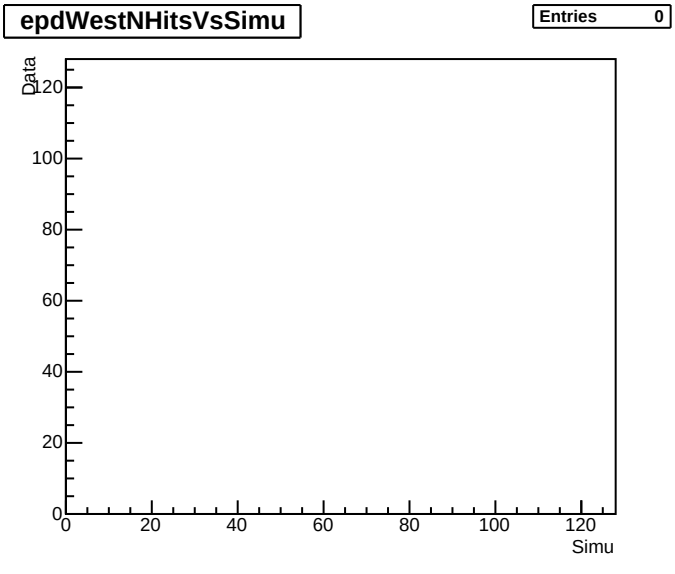

epdWestTac03
Entries 383267

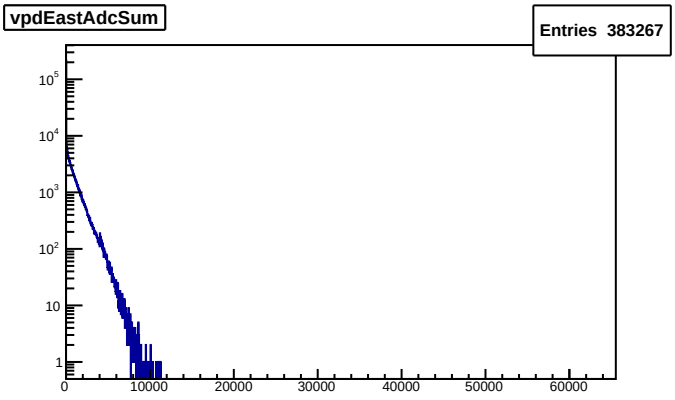

epdWestTac03VsSimu
Entries 0
Data
Simu

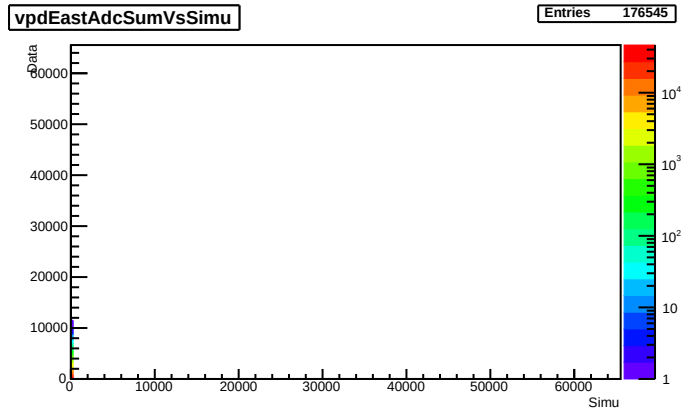

epdWestTac47
Entries 383267

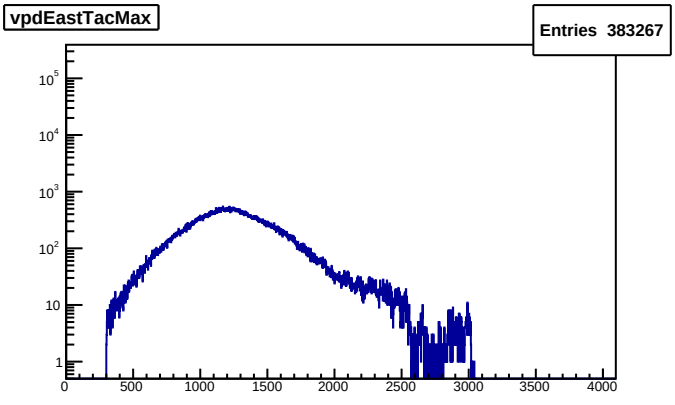

epdWestTac47VsSimu
Entries 0
Data
Simu

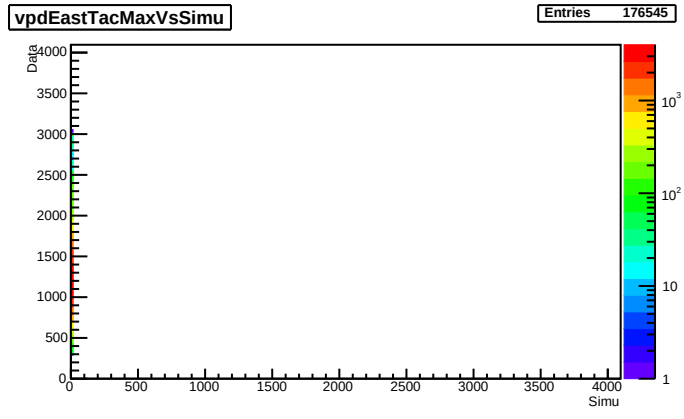

epdWestNHits
Entries 383267

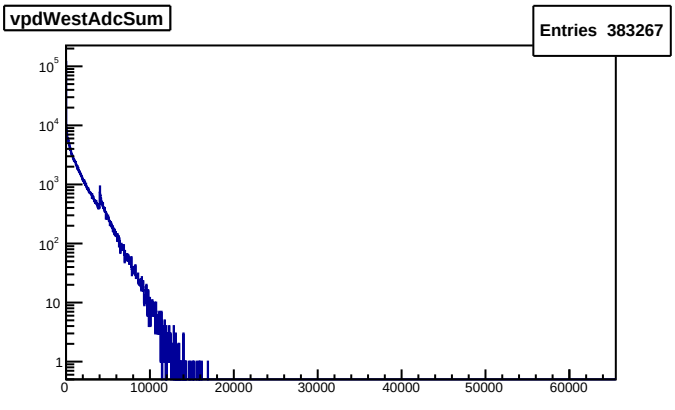

epdWestNHitsVsSimu
Entries 0
Data
Simu

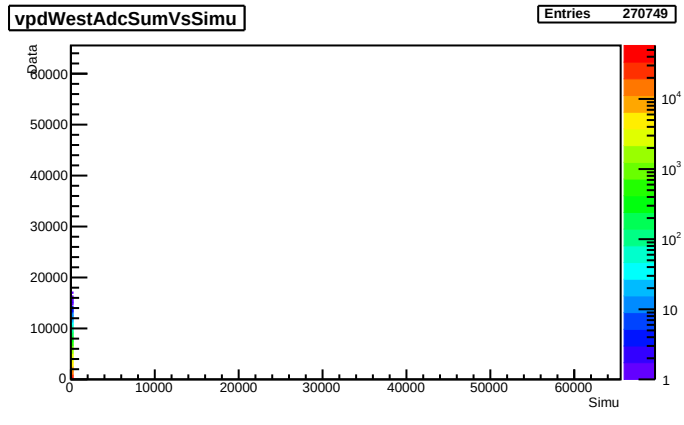

vpdEastAdcSum
Entries 383267

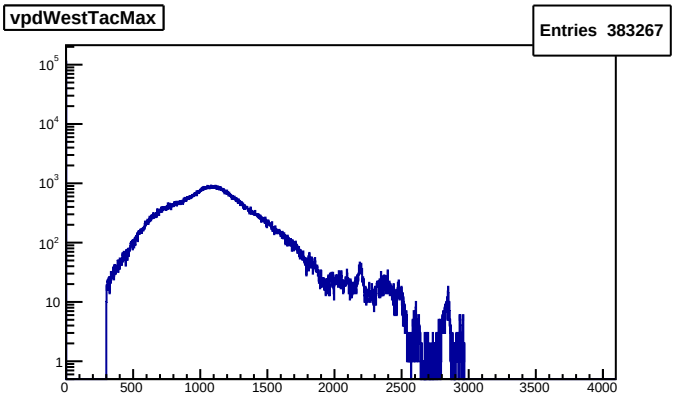

vpdEastAdcSumVsSimu
Entries 176545
Data
Simu

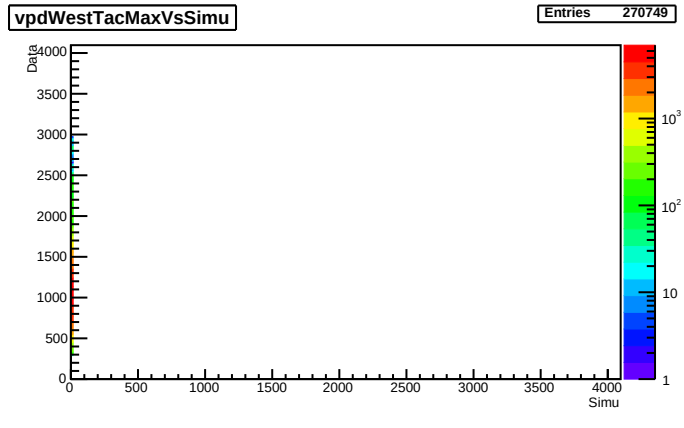

vpdEastTacMax
Entries 383267

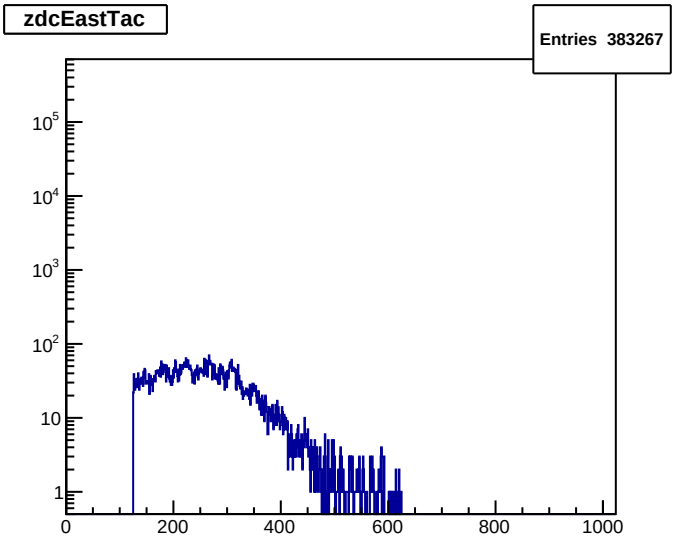

vpdEastTacMaxVsSimu
Entries 176545
Data
Simu

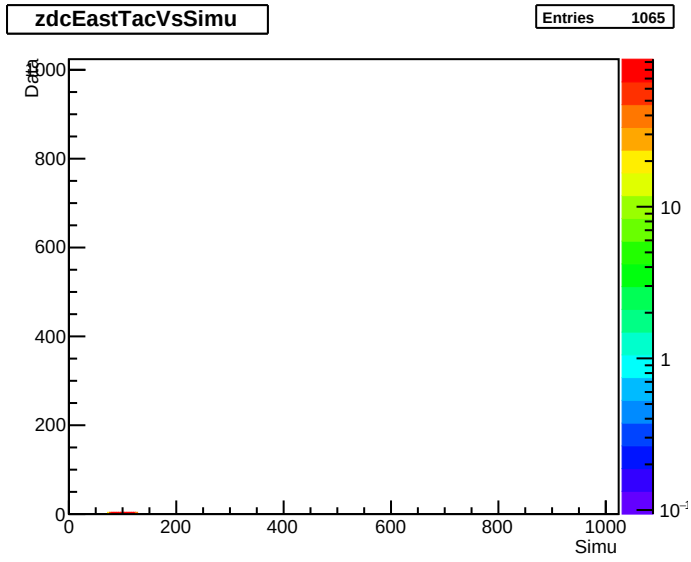

vpdWestAdcSum
Entries 383267

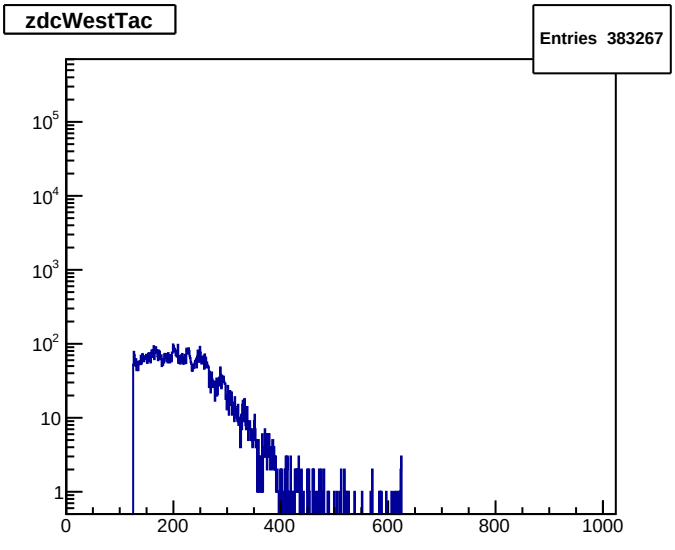

vpdWestAdcSumVsSimu
Entries 270749
Data
Simu

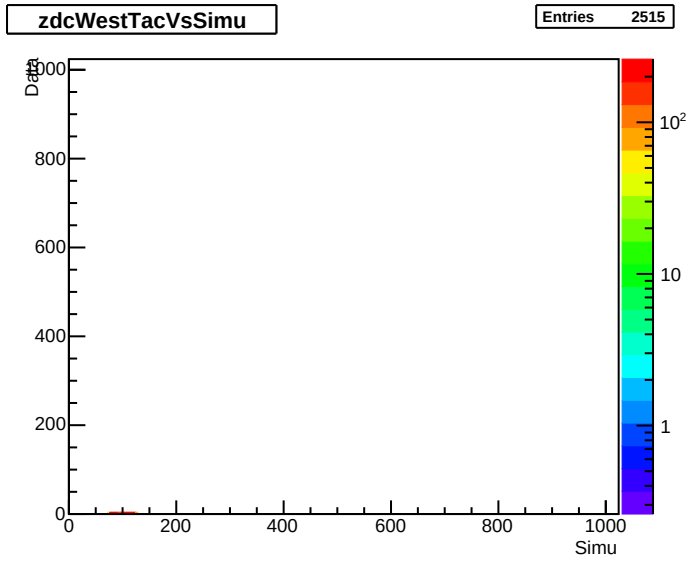

vpdWestTacMax
Entries 383267

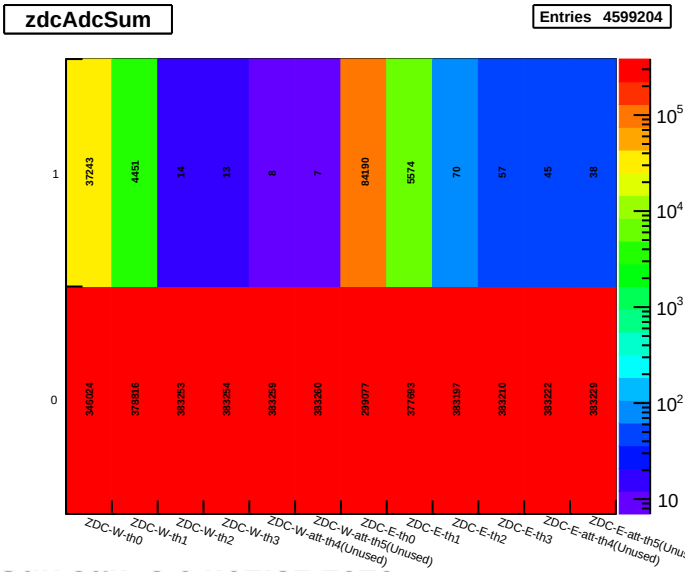

vpdWestTacMaxVsSimu
Entries 270749
Data
Simu

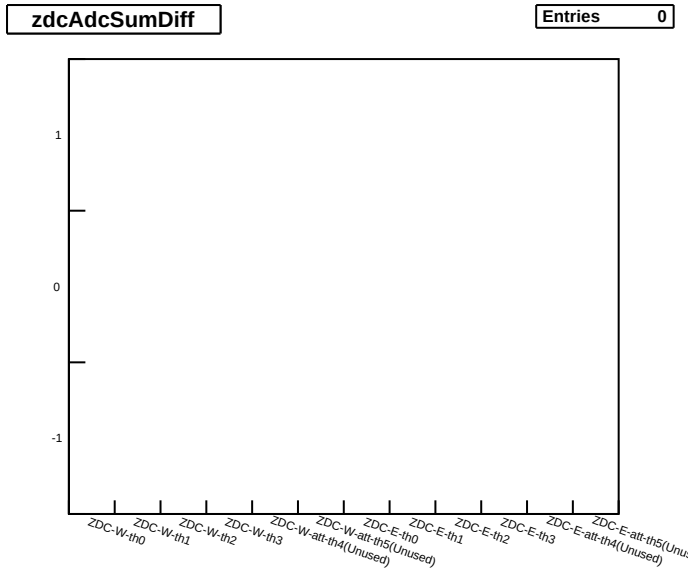

zdcEastTac
Entries 383267

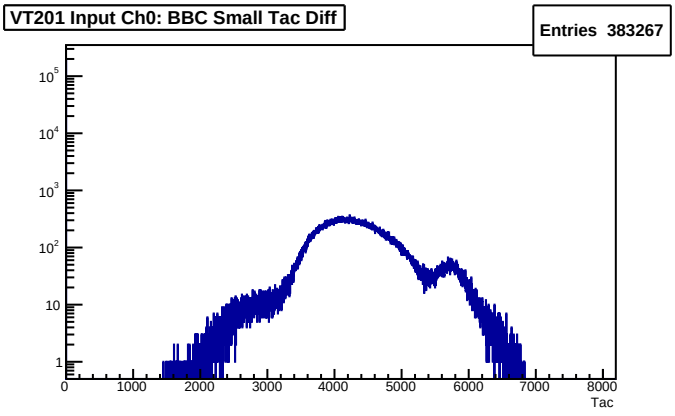

zdcEastTacVsSimu
Entries 1065
Data
Simu

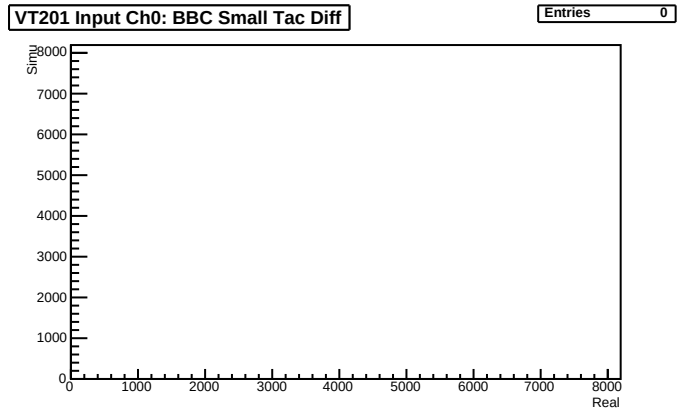

zdcWestTac
Entries 383267

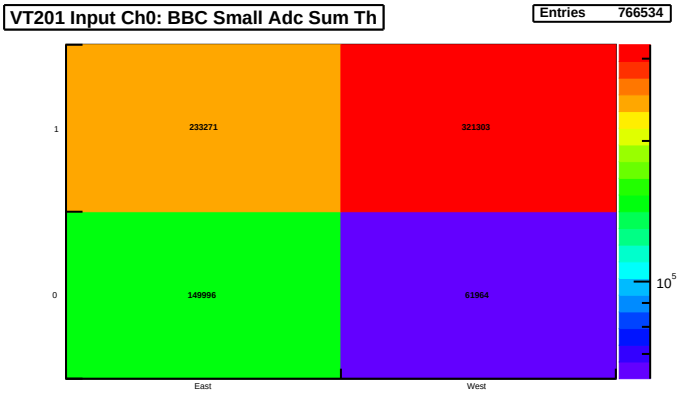

zdcWestTacVsSimu
Entries 2515
Data
Simu

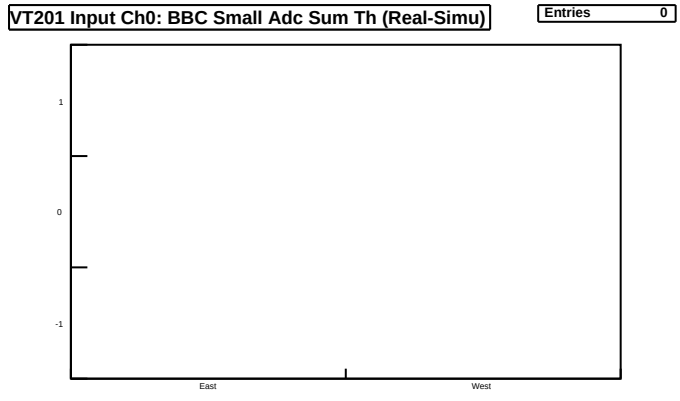

zdcAdcSum
Entries 4599204
37243
4451
14
13
8
7
84190
5574
70
57
45
38
346024
378816
383253
383254
383259
383260
299077
377693
383197
383210
383222
383229
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

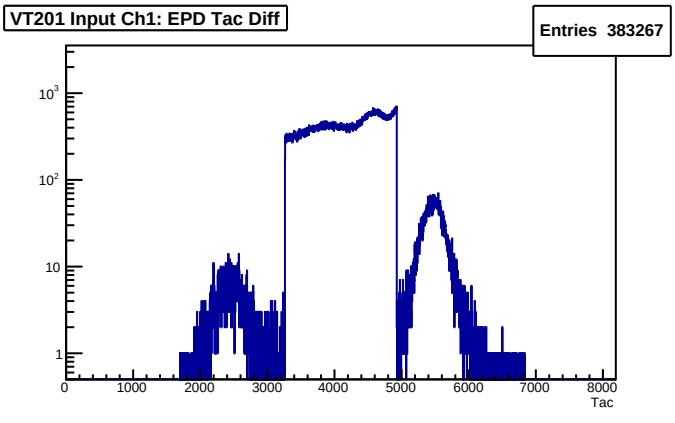

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

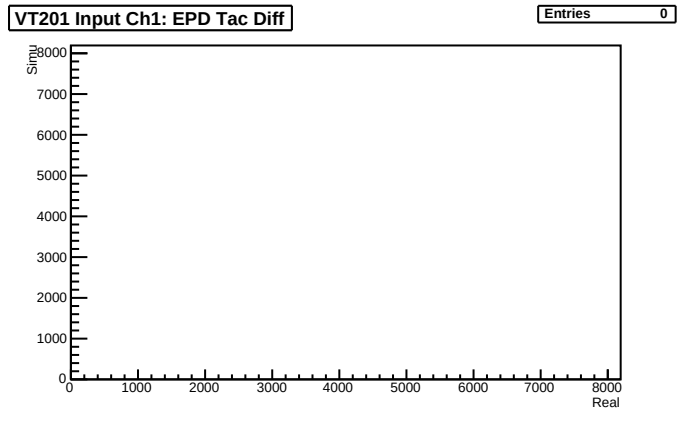

VT201 Input Ch0: BBC Small Tac Diff
Entries 383267
Tac

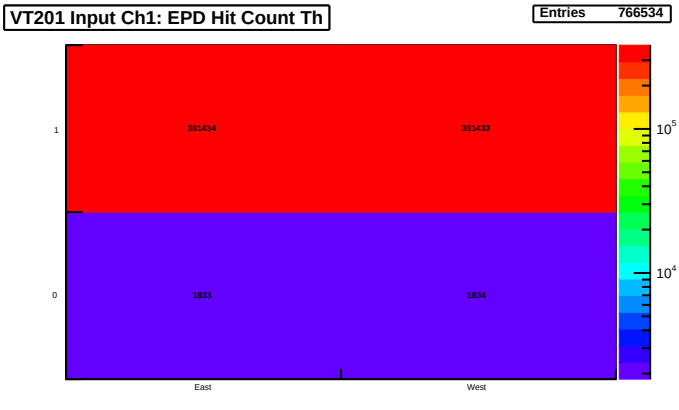

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

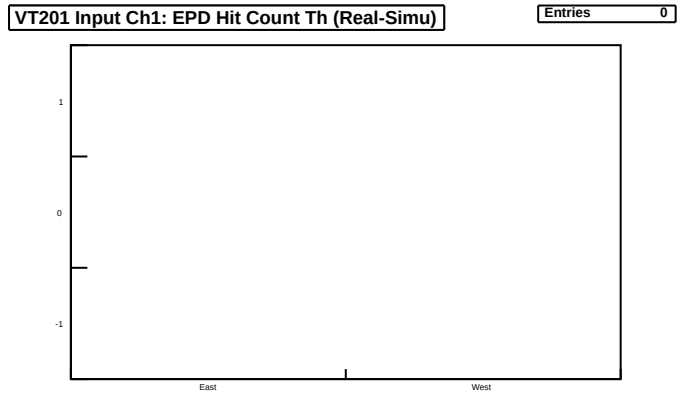

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 766534
233271
321303
149996
61964
East
West

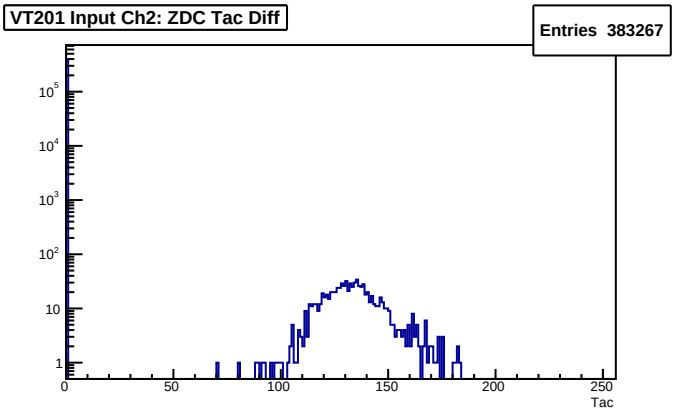

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

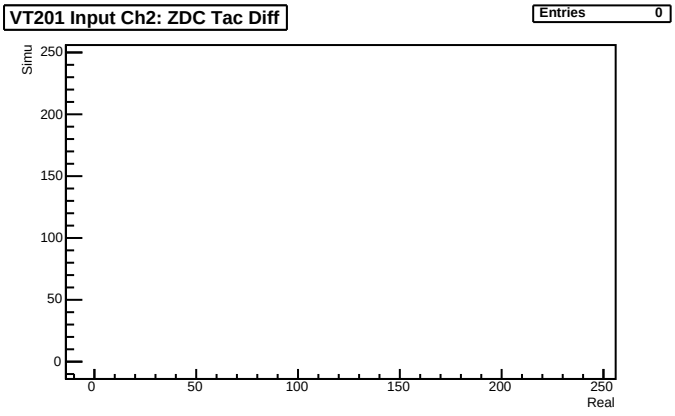

VT201 Input Ch1: EPD Tac Diff
Entries 383267
Tac

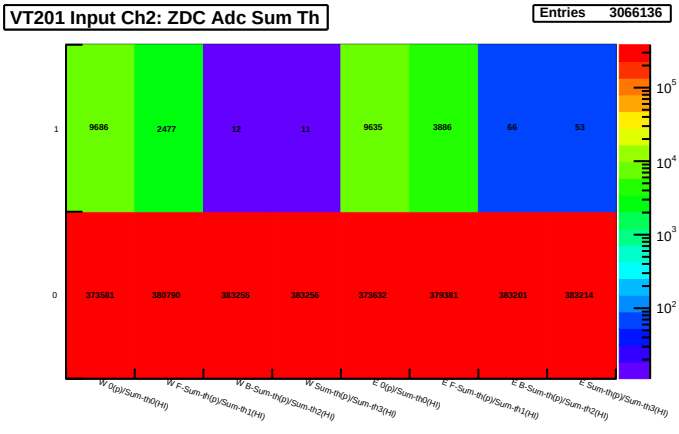

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

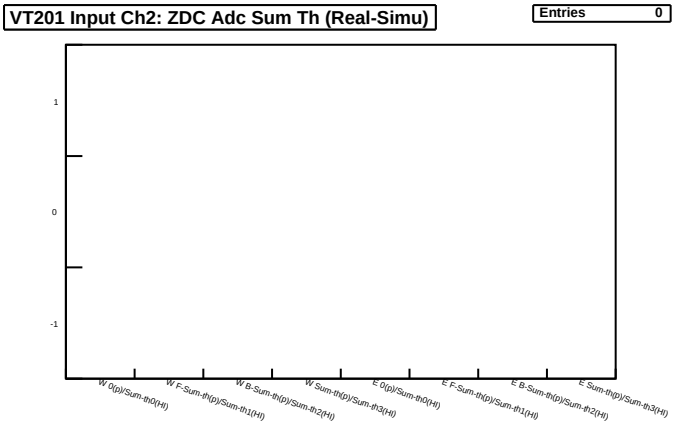

VT201 Input Ch1: EPD Hit Count Th
Entries 766534
381434
381433
1833
1834
East
West

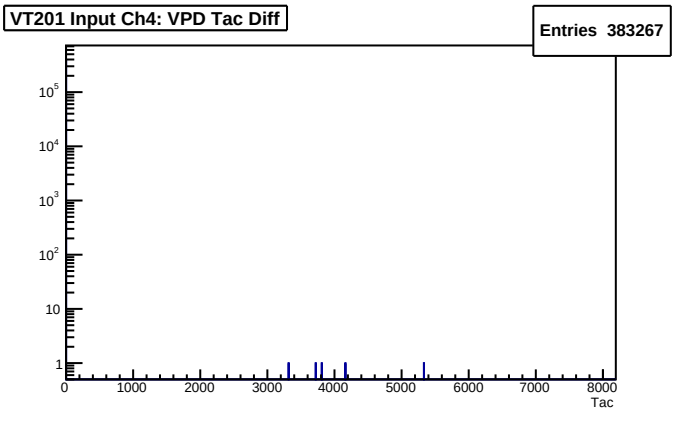

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

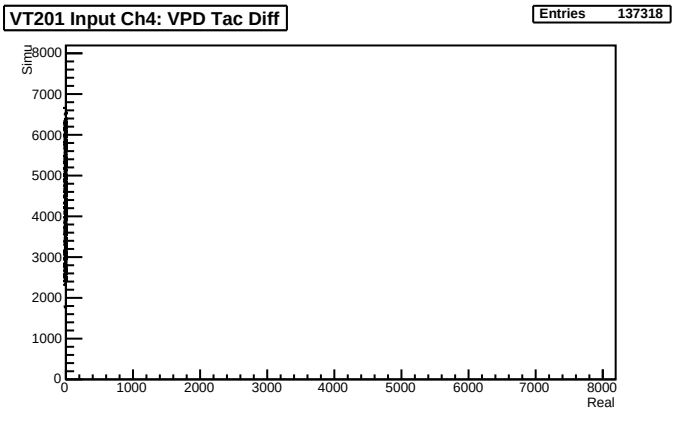

VT201 Input Ch2: ZDC Tac Diff
Entries 383267
Tac

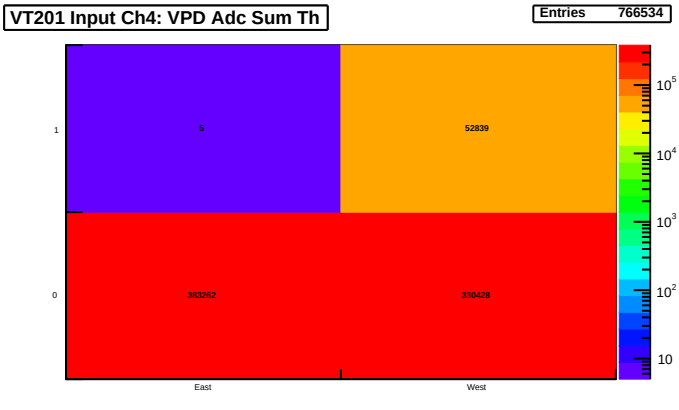

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

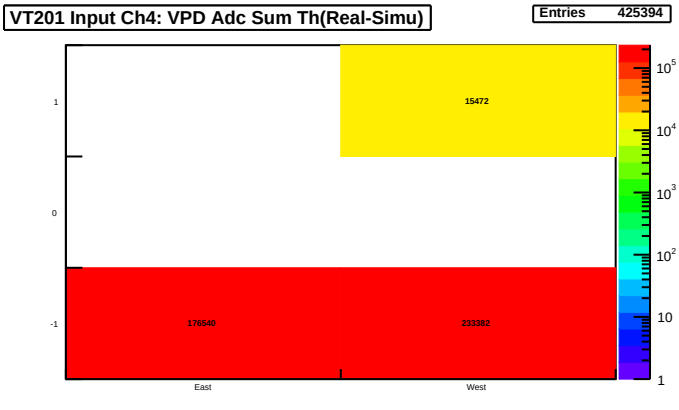

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3066136
9686
2477
12
11
9635
3886
66
53
373581
380790
383255
383256
373632
379381
383201
383214
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

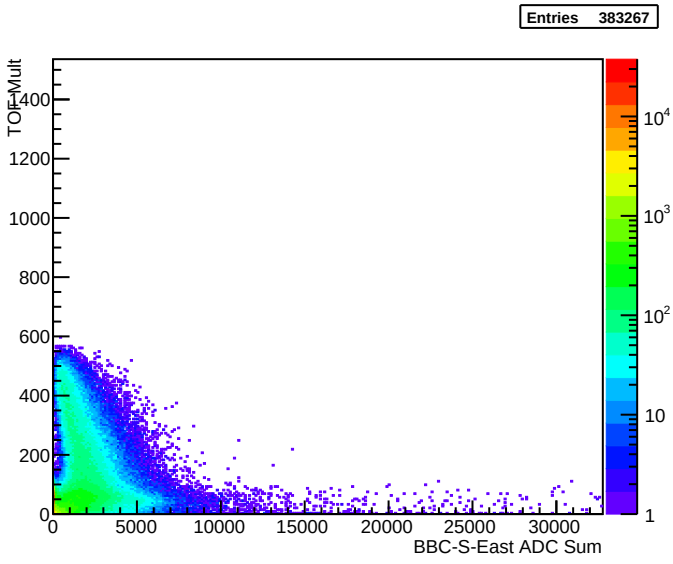

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

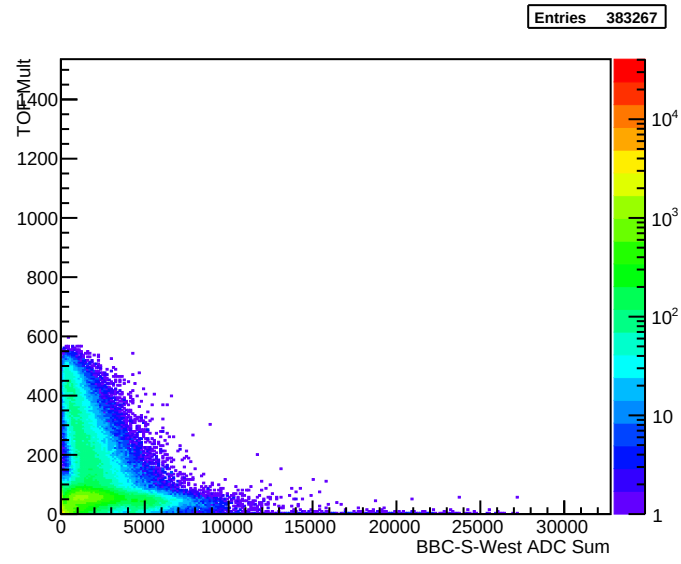

VT201 Input Ch4: VPD Tac Diff
Entries 383267
Tac

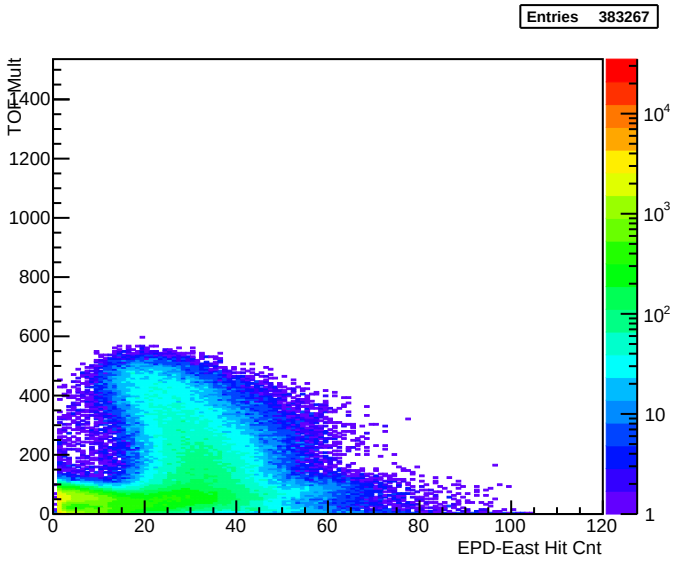

VT201 Input Ch4: VPD Tac Diff
Entries 137318
Simu
Real

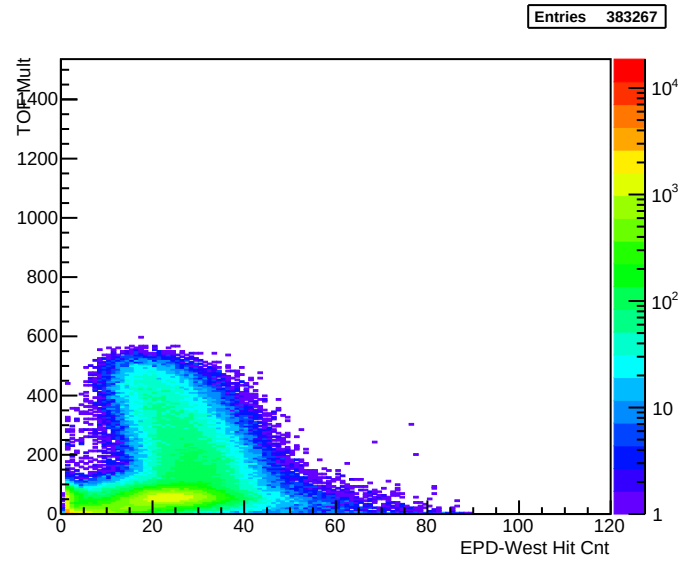

VT201 Input Ch4: VPD Adc Sum Th
Entries 766534
5
52839
383262
330428
East
West

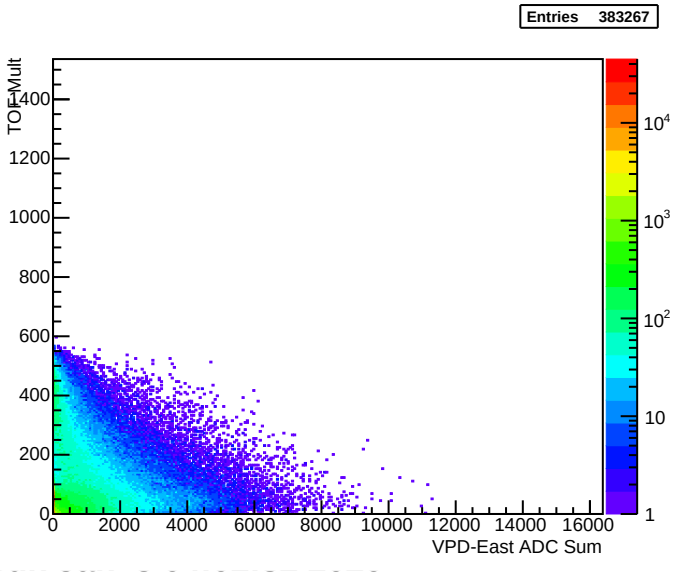

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 425394
15472
176540
233382
East
West

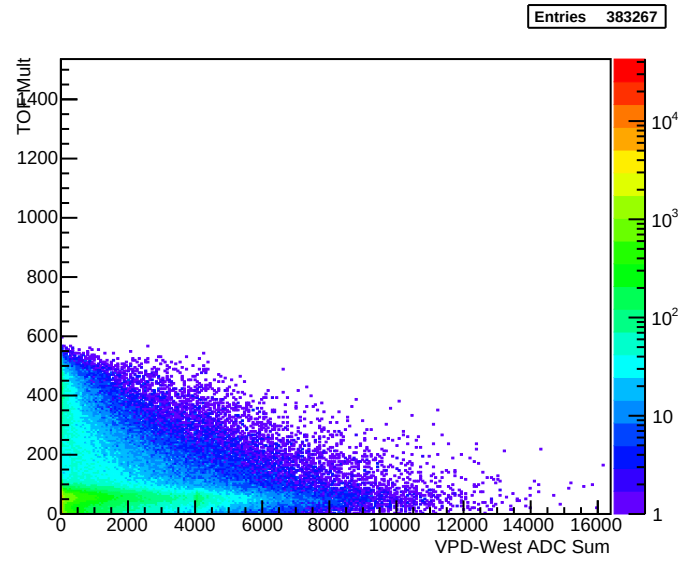

Entries 383267
TOF-Mult
BBC-S-East ADC Sum

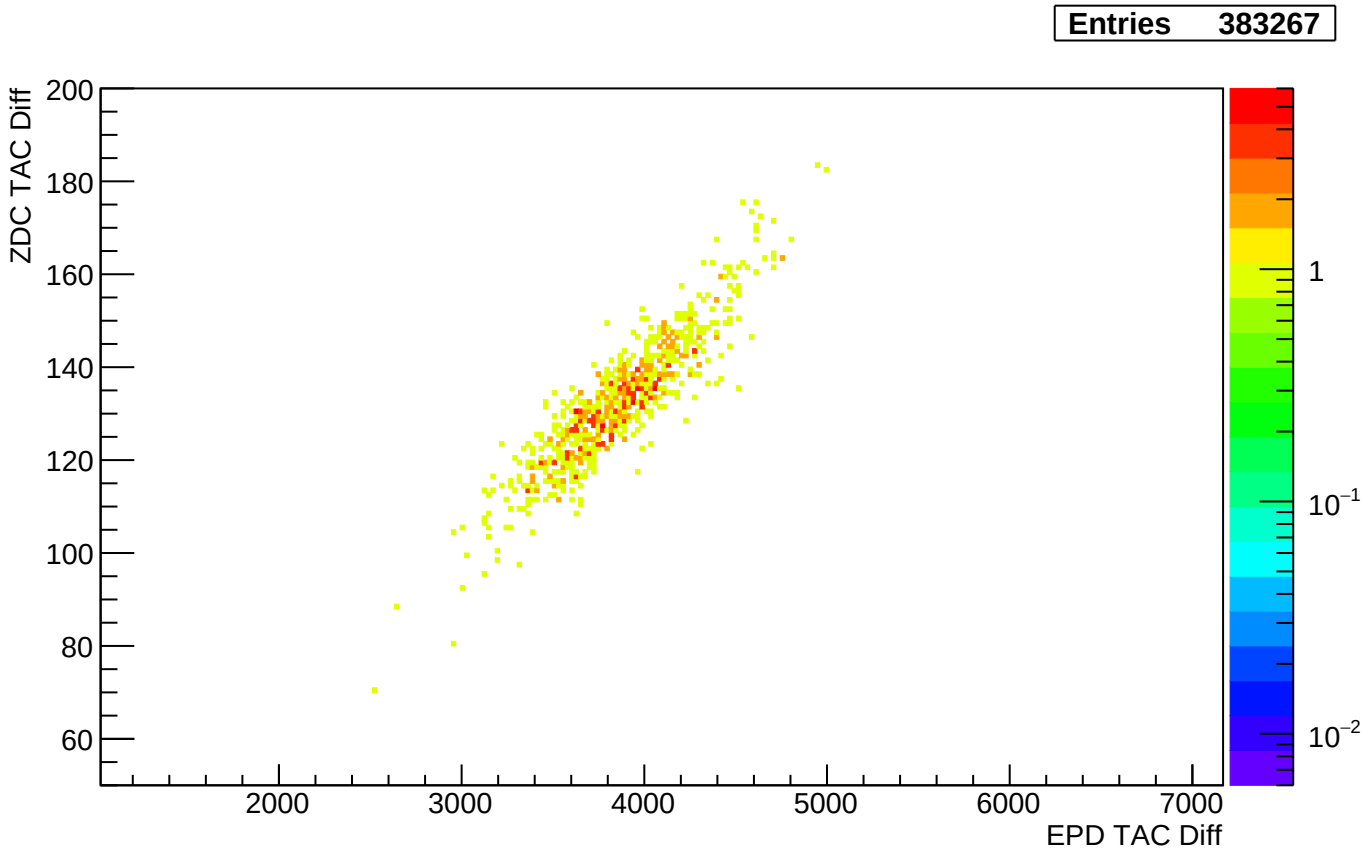

Entries 383267
TOF-Mult
BBC-S-West ADC Sum

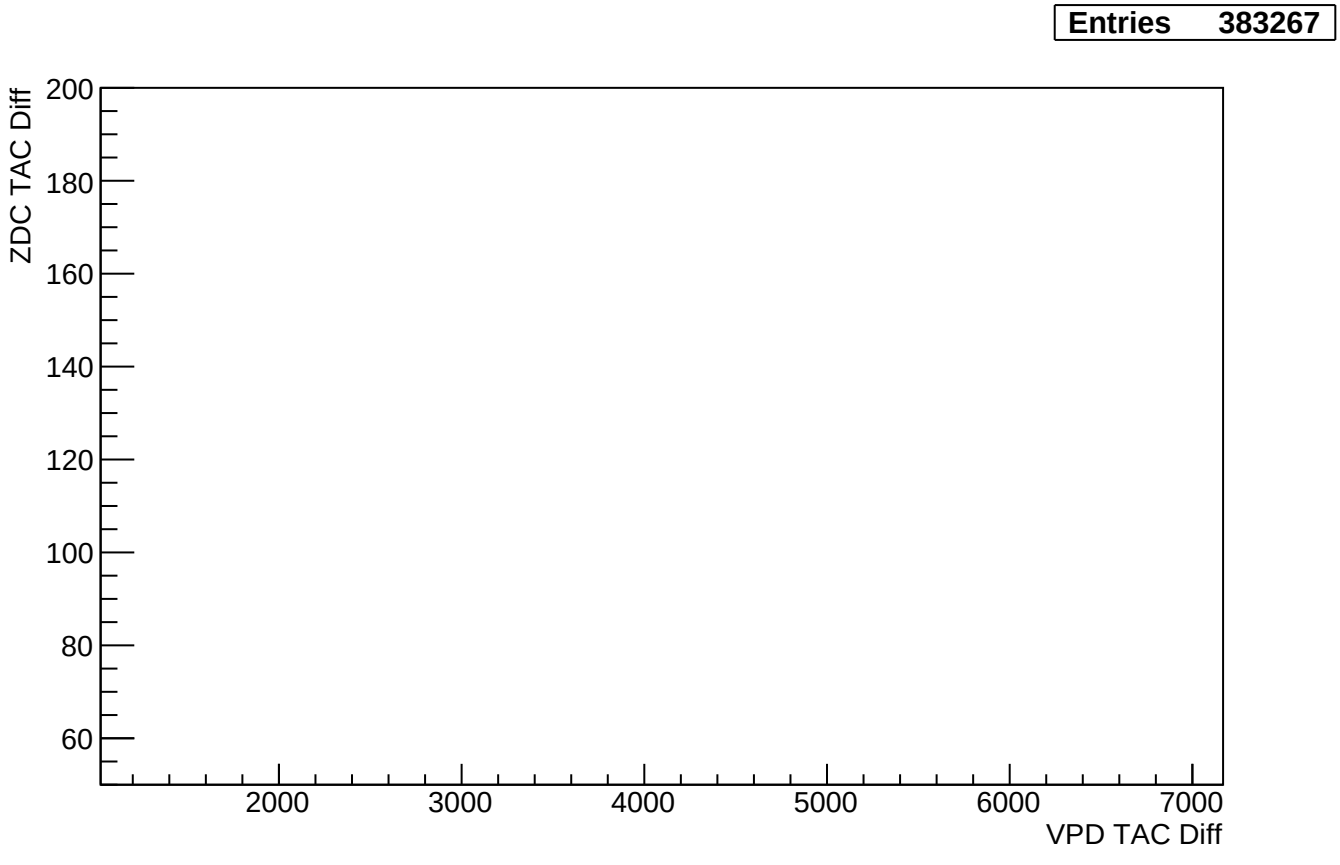

Entries 383267
TOF-Mult
EPD-East Hit Cnt

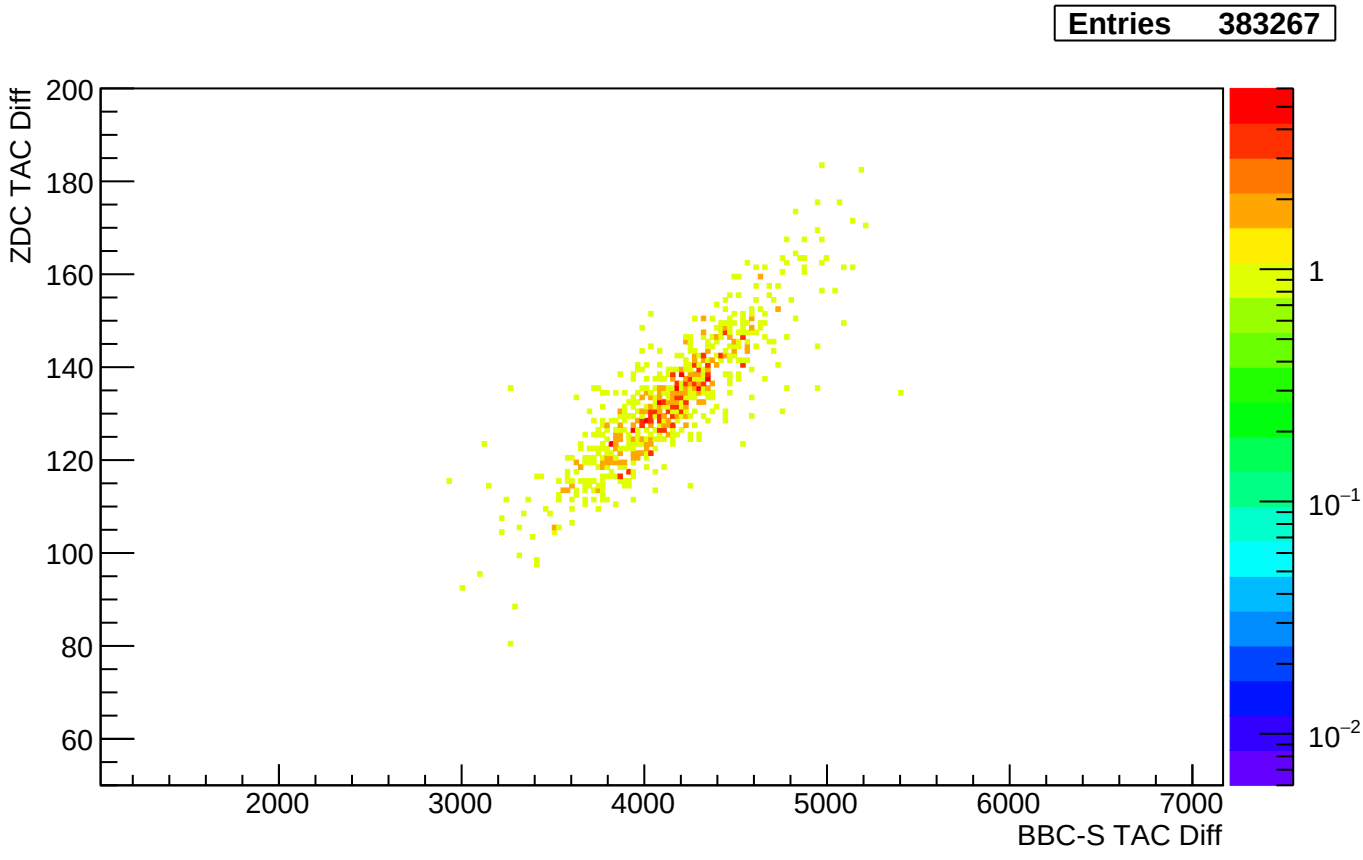

Entries 383267
TOF-Mult
EPD-West Hit Cnt

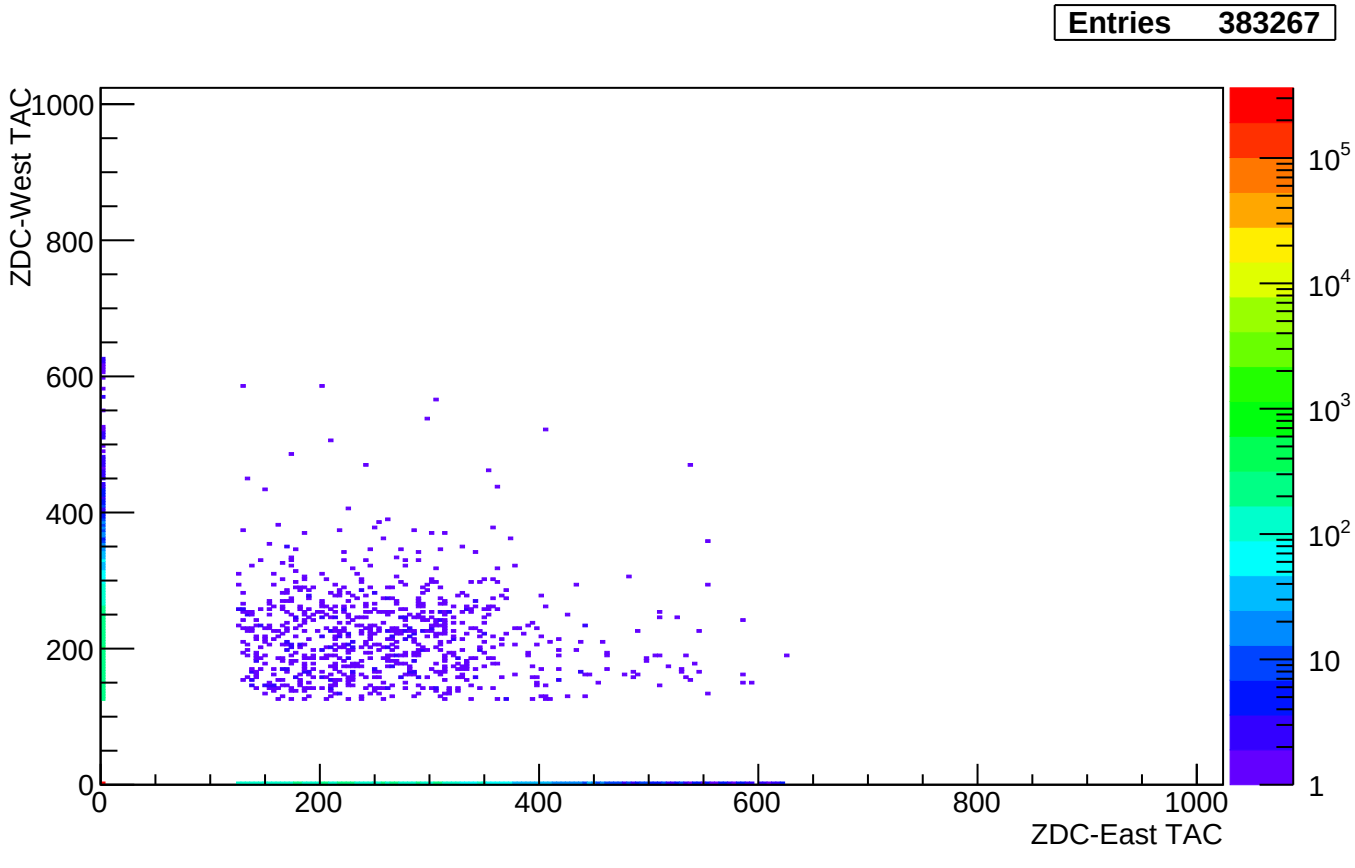

Entries 383267
TOF-Mult
VPD-East ADC Sum

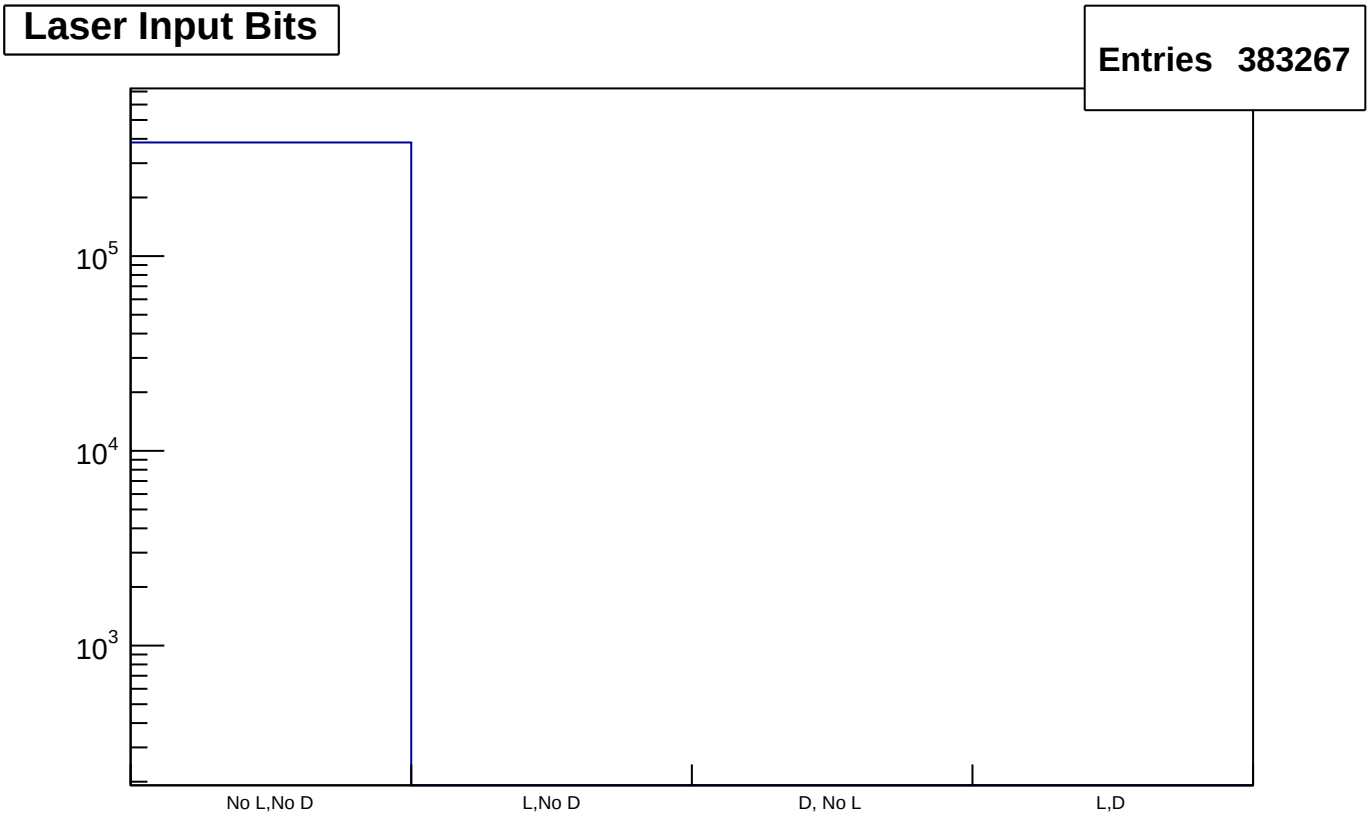

Entries 383267
TOF-Mult
VPD-West ADC Sum

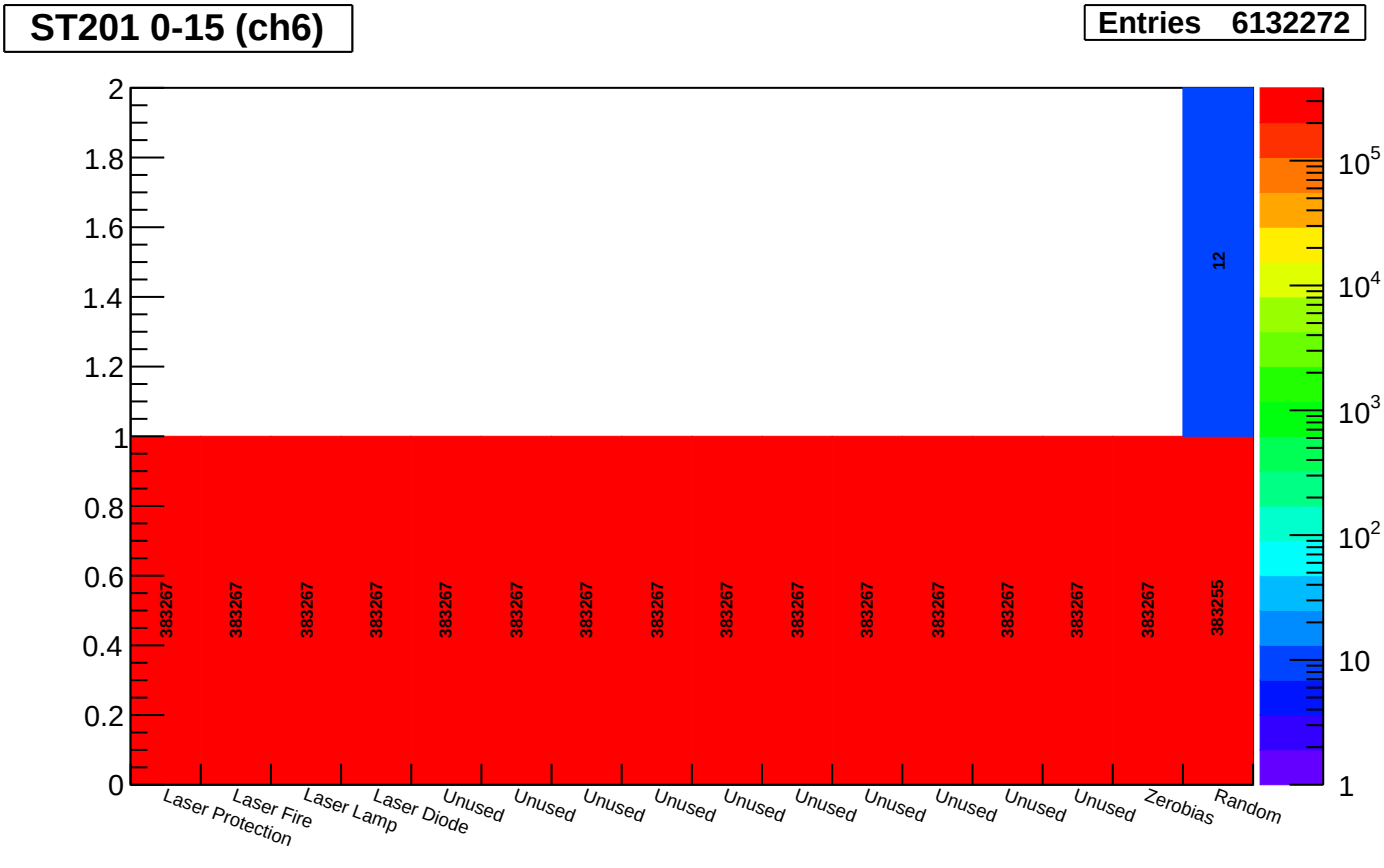

Entries 383267
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

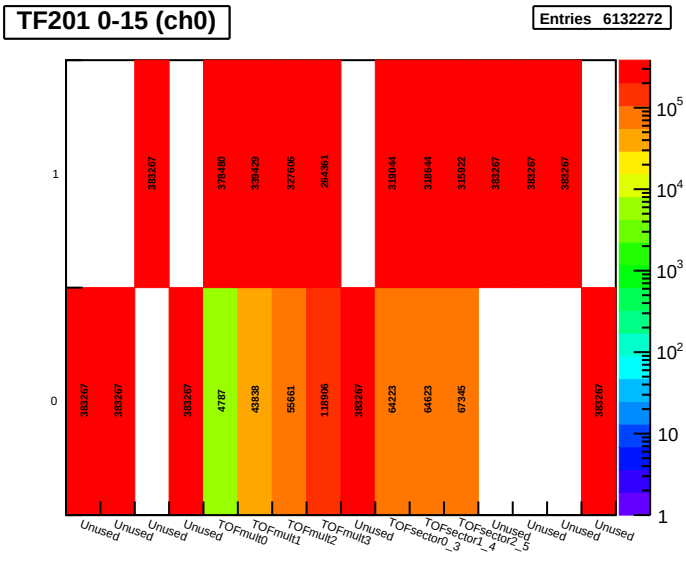

Entries 383267
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

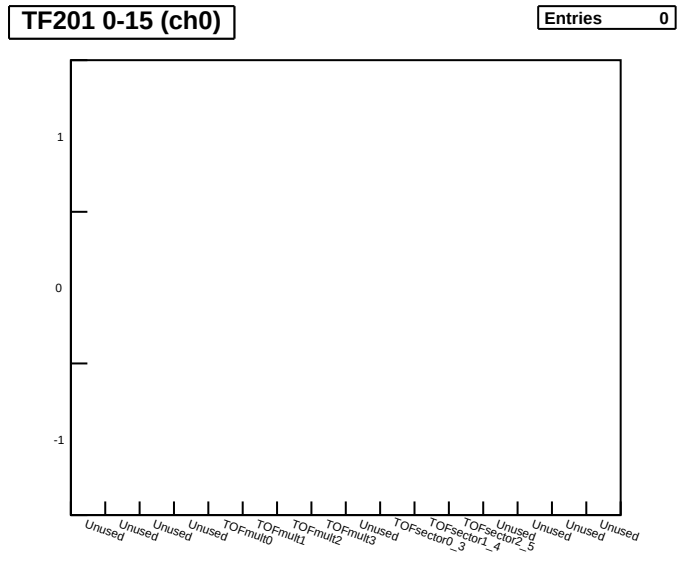

Entries 383267
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

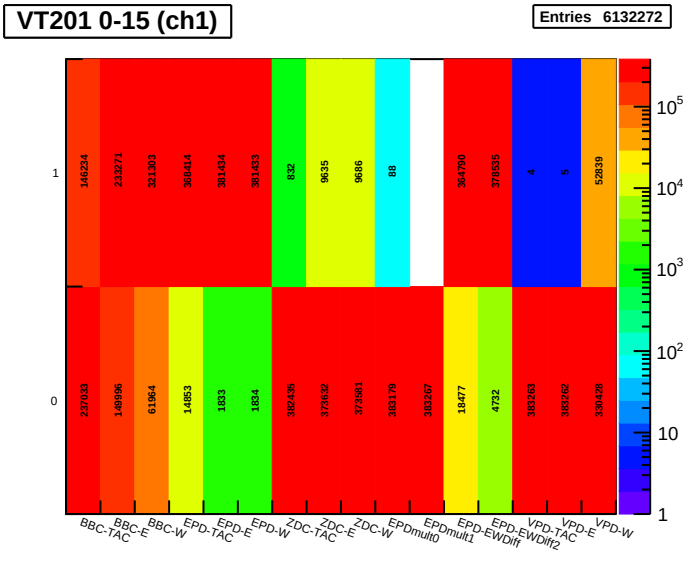

Entries 383267
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

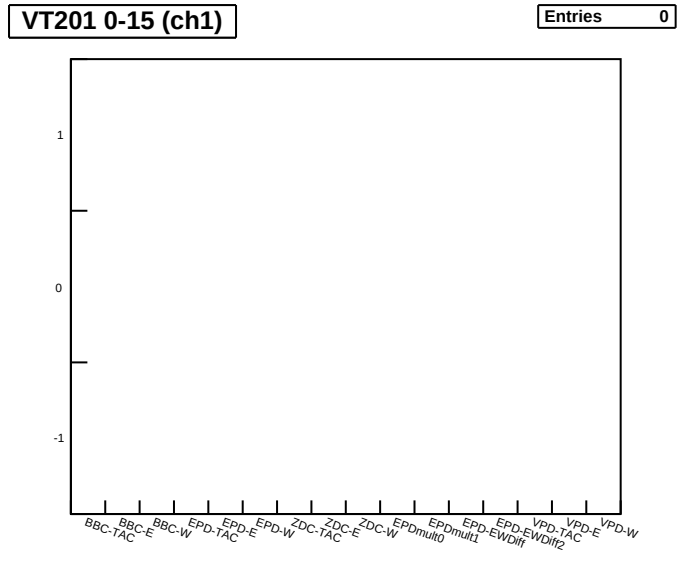

Laser Input Bits
Entries 383267
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

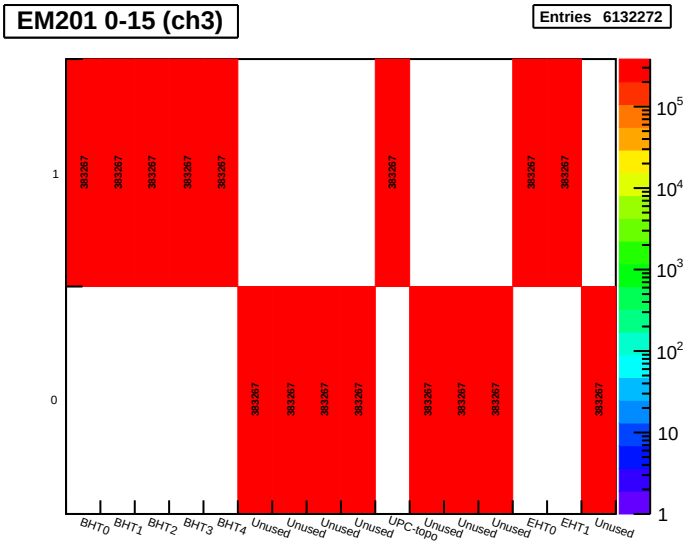

ST201 0-15 (ch6)
Entries 6132272
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12
383267
383255
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

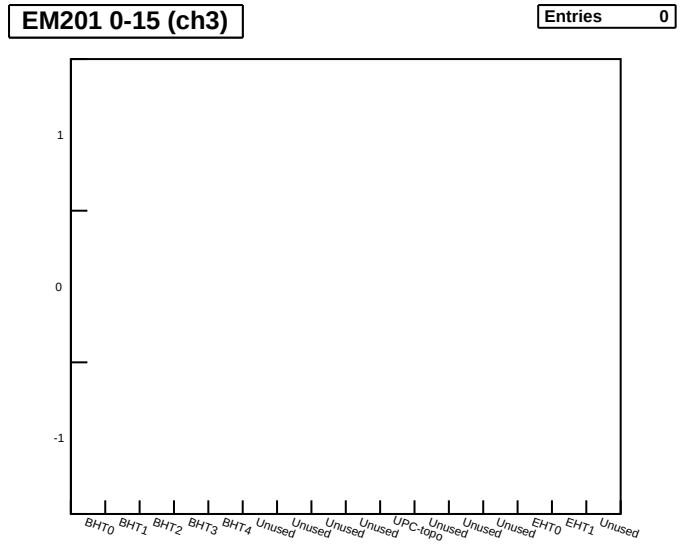

TF201 0-15 (ch0)
Entries 6132272
1
0
383267
376480
339429
327606
264361
319044
318644
315922
383267
383267
383267
383267
383267
383267
4787
43838
55661
118906
383267
64223
64623
67345
383267
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 6132272
1
0
146234
233271
321303
368414
381434
381433
832
9635
9686
88
364790
378535
4
5
52839
237033
149996
61964
14853
1833
1834
382435
373632
373581
383179
383267
18477
4732
383263
383262
330428
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 6132272
1
0
383267
383267
383267
383267
383267
383267
383267
383267
383267
383267
383267
383267
383267
383267
383267
383267
383267
383267
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