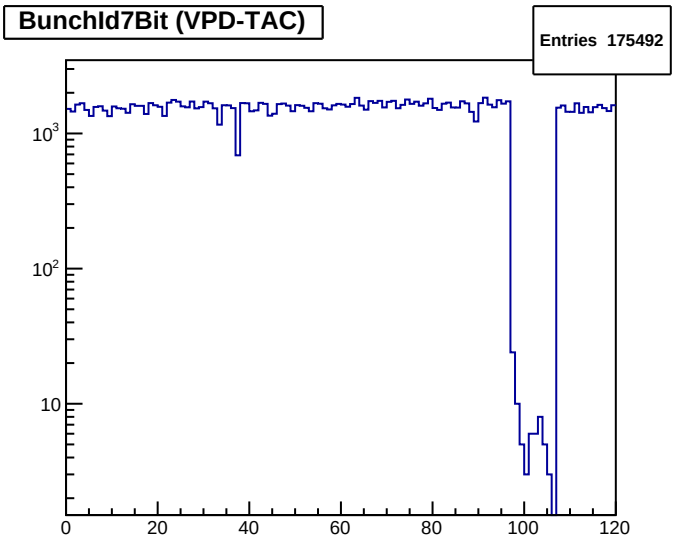
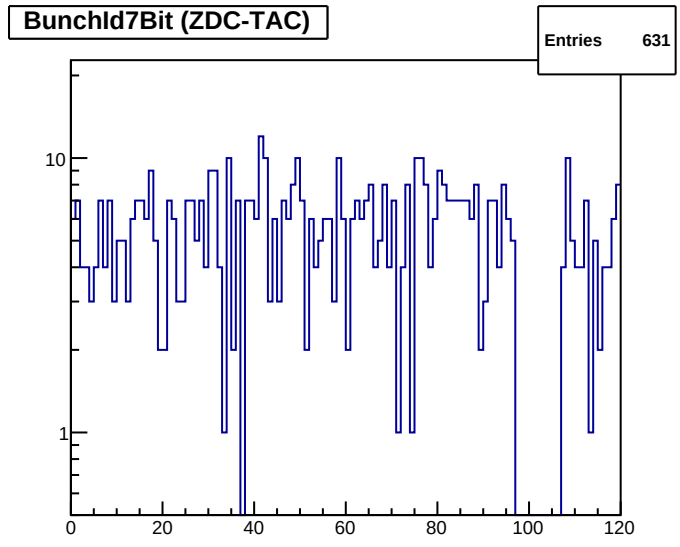
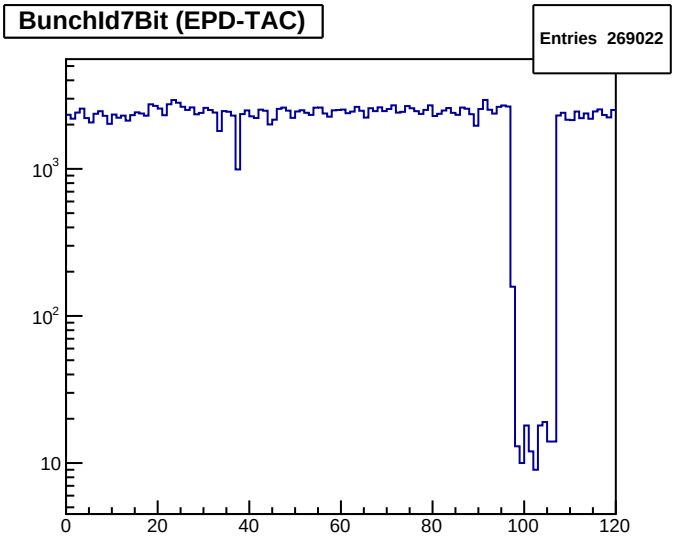
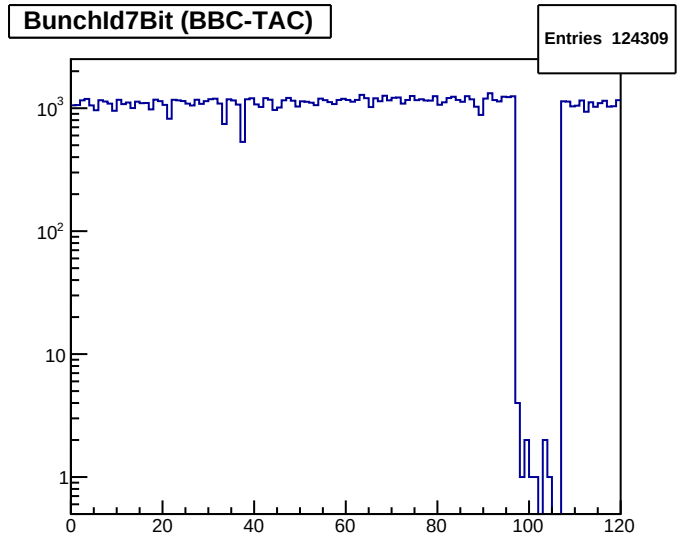
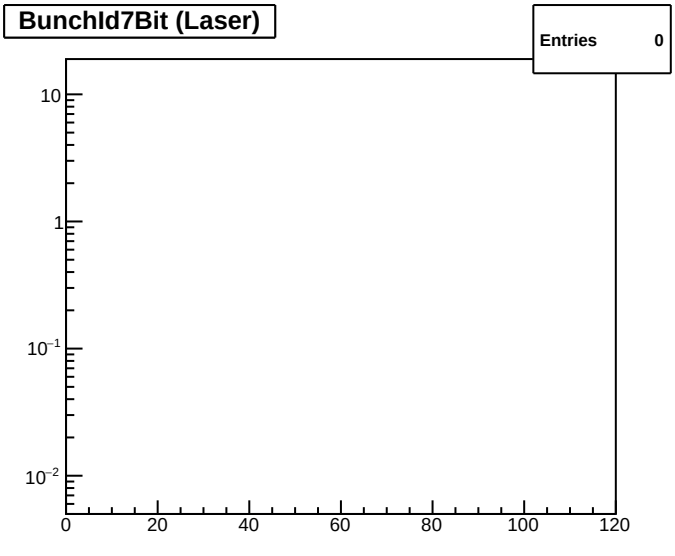
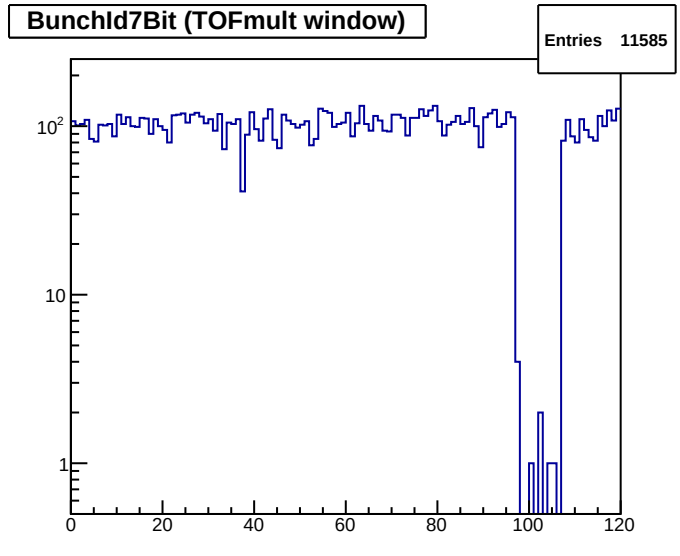

BunchId7Bit (VPD-TAC)
Entries 175492

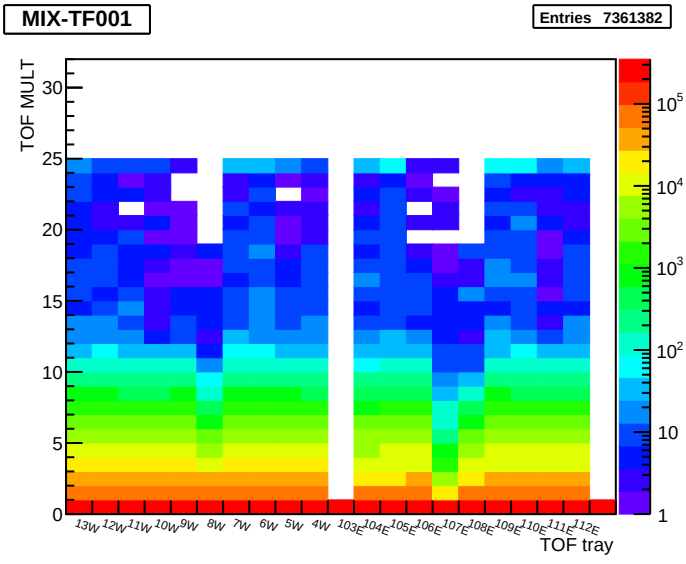

BunchId7Bit (ZDC-TAC)
Entries 631

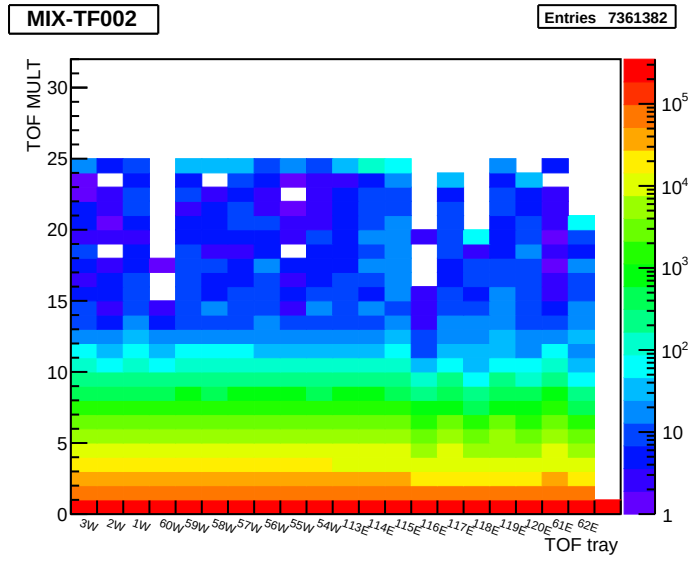

BunchId7Bit (EPD-TAC)
Entries 269022

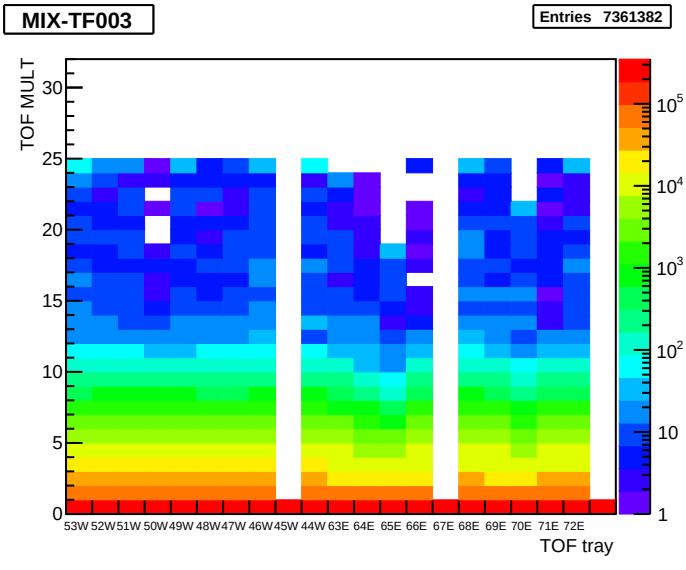

BunchId7Bit (BBC-TAC)
Entries 124309

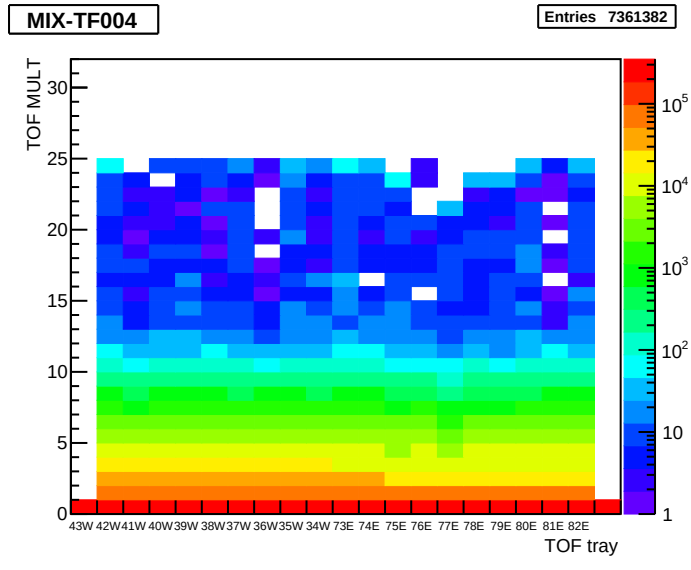

BunchId7Bit (Laser)
Entries 0

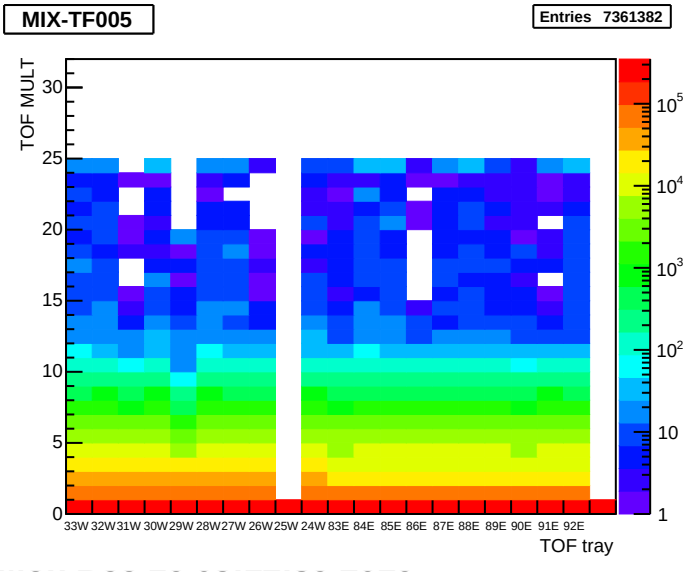

BunchId7Bit (TOFmult window)
Entries 11585

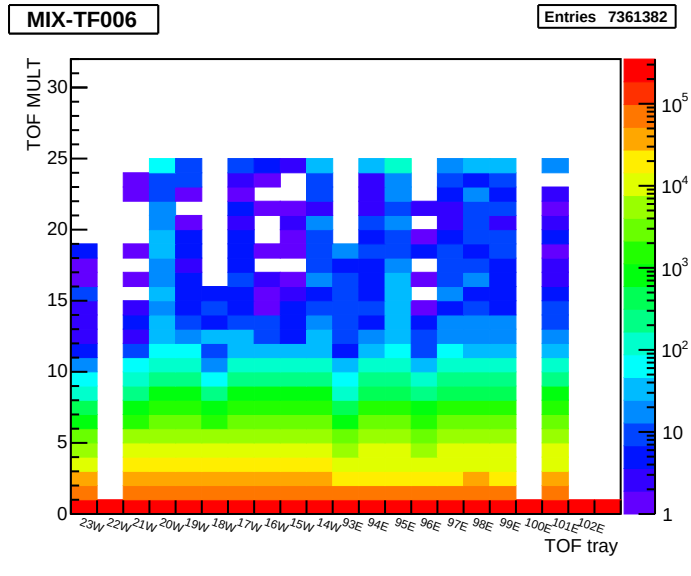

MIX-TF001
Entries 7361382
TOF MULT
TOF tray

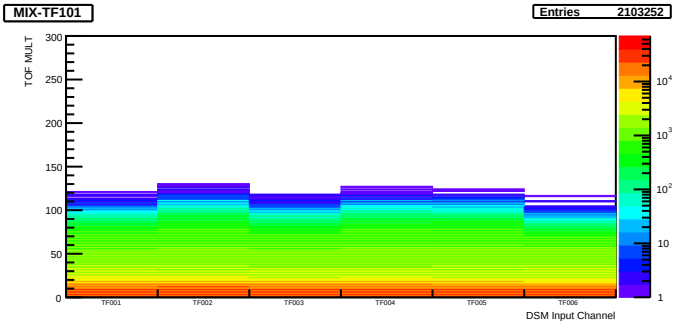

MIX-TF002
Entries 7361382
TOF MULT
TOF tray

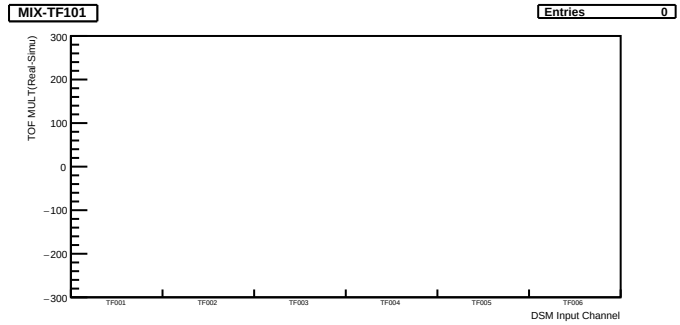

MIX-TF003
Entries 7361382
TOF MULT
TOF tray

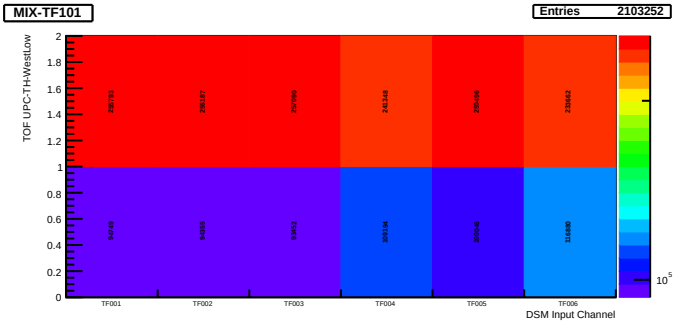

MIX-TF004
Entries 7361382
TOF MULT
TOF tray

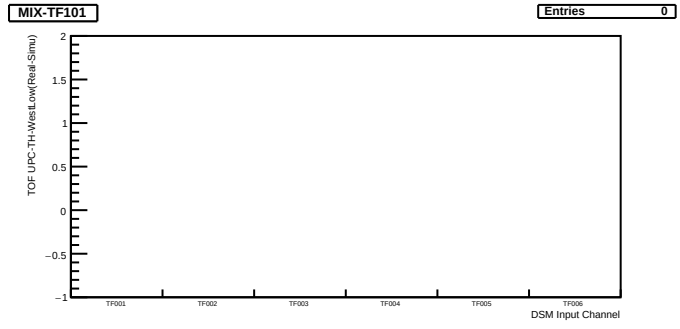

MIX-TF005
Entries 7361382
TOF MULT
TOF tray

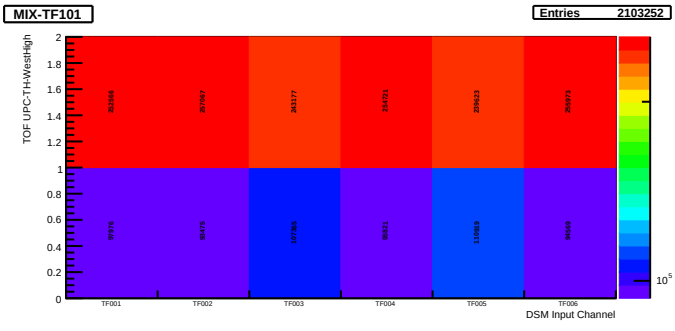

MIX-TF006
Entries 7361382
TOF MULT
TOF tray

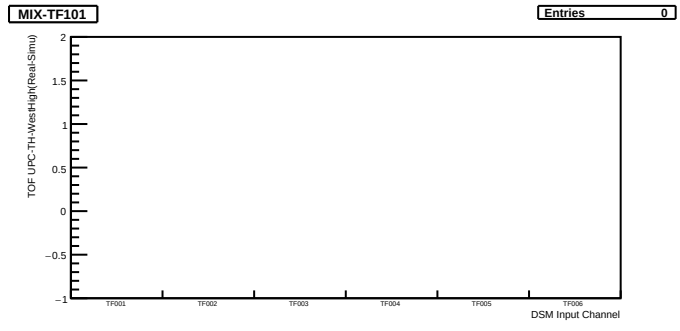

MIX-TF101
Entries 2103252
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

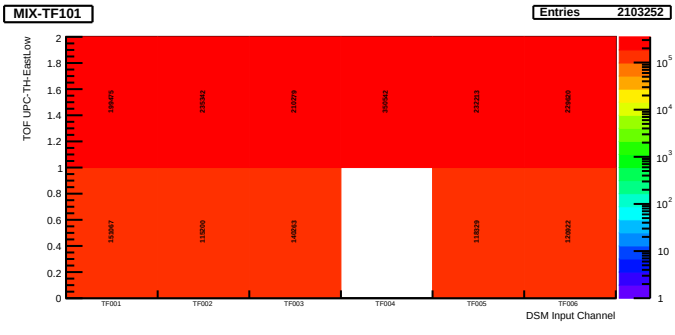

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

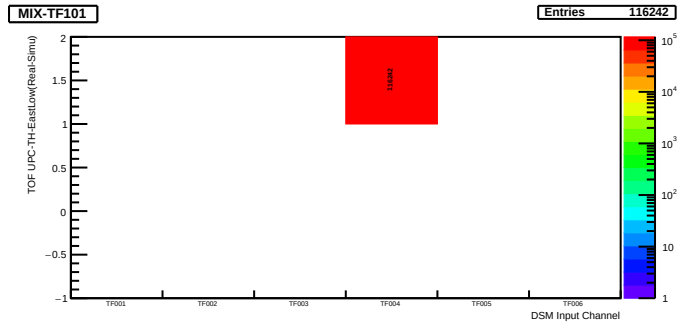

MIX-TF101
Entries 2103252
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

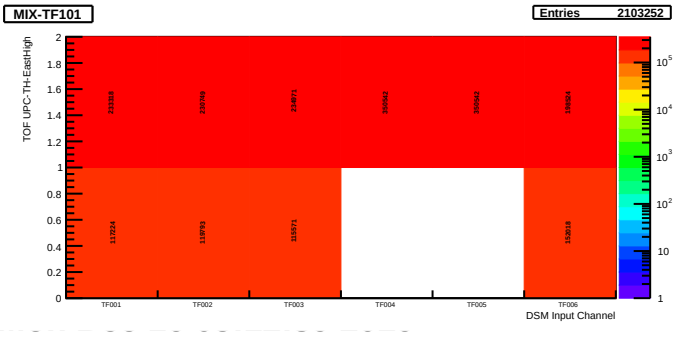

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

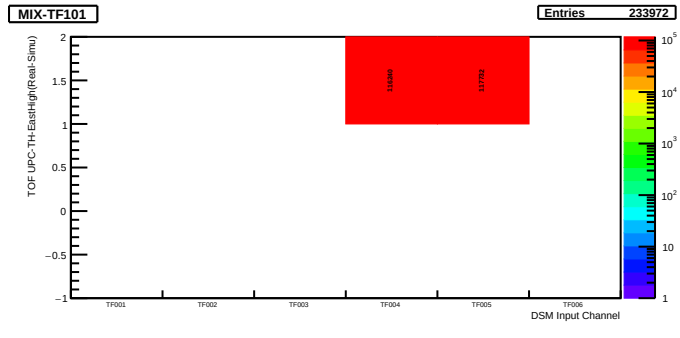

MIX-TF101
Entries 2103252
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

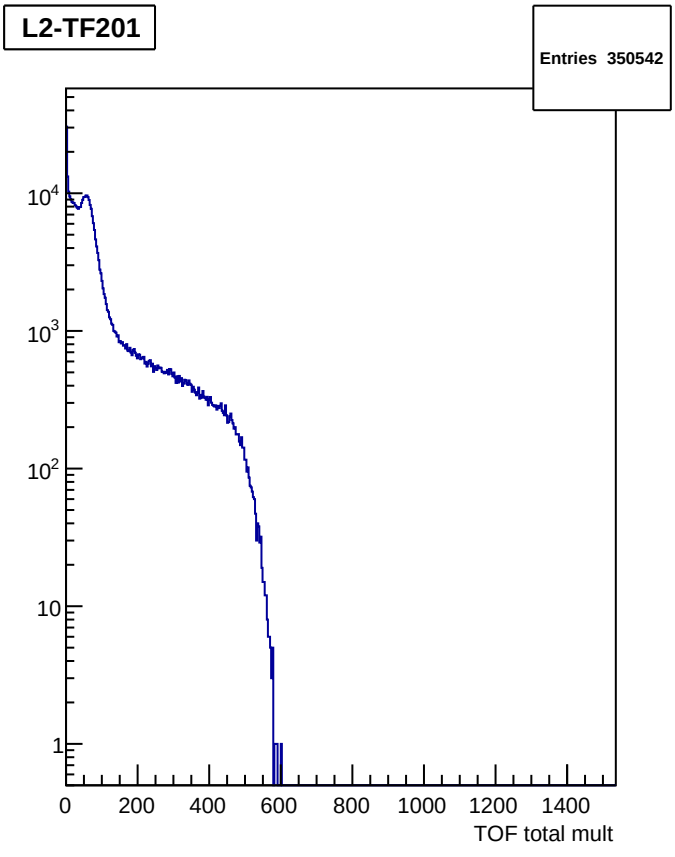

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

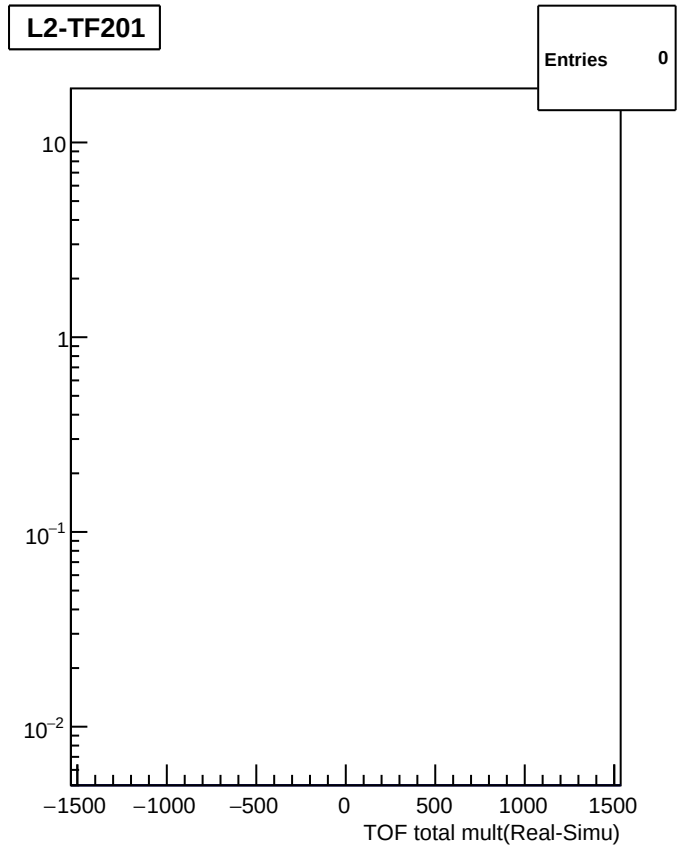

MIX-TF101
Entries 2103252
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

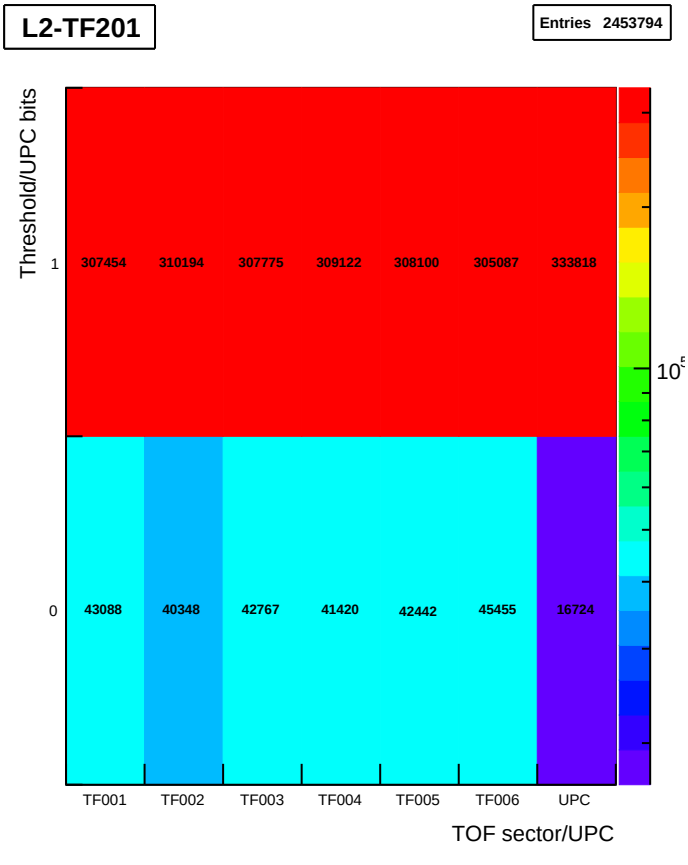

MIX-TF101
Entries 116242
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

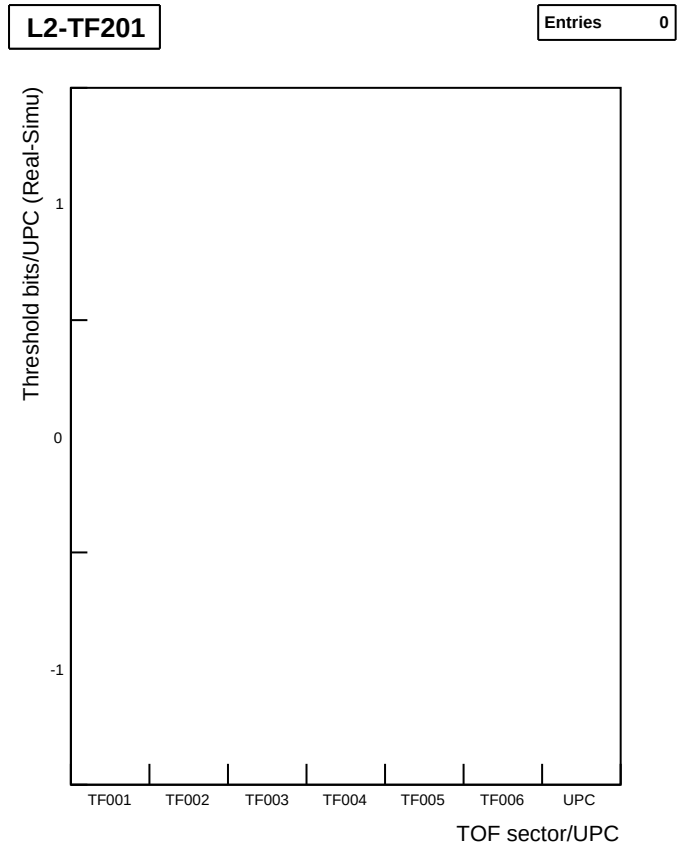

MIX-TF101
Entries 2103252
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

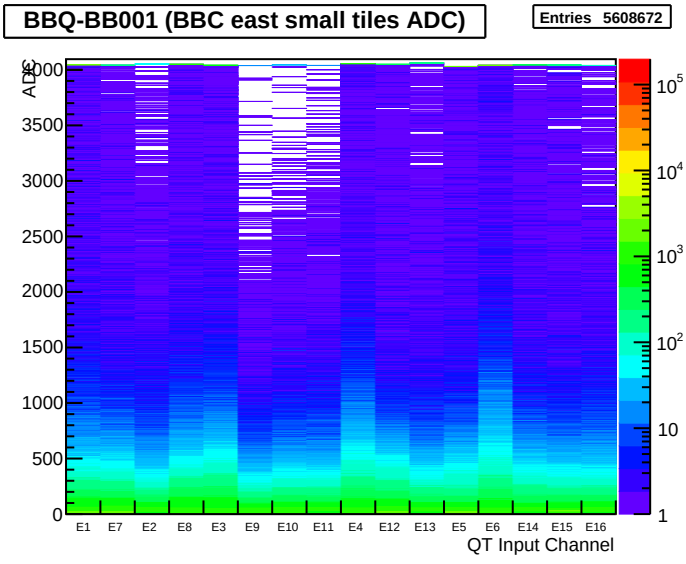

MIX-TF101
Entries 233972
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

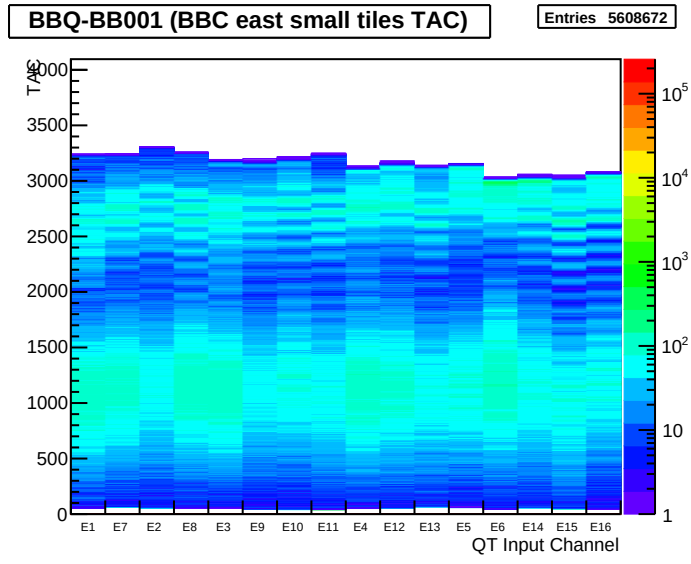

L2-TF201
Entries 350542
TOF total mult

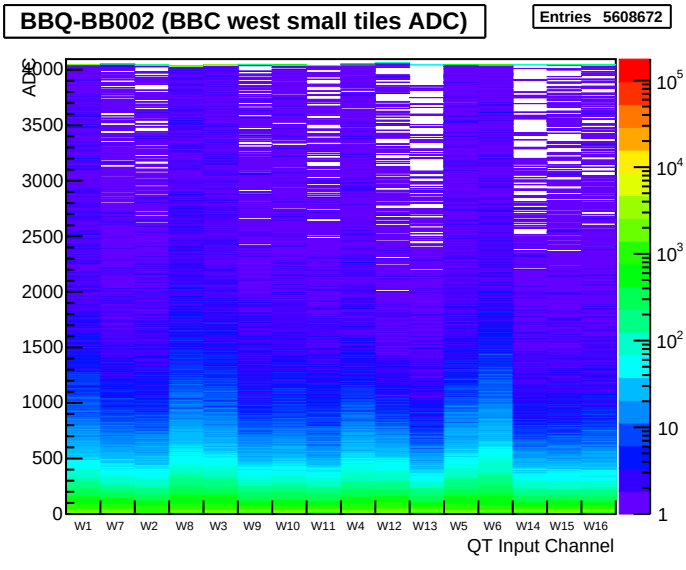

L2-TF201
Entries 0
TOF total mult(Real-Simu)

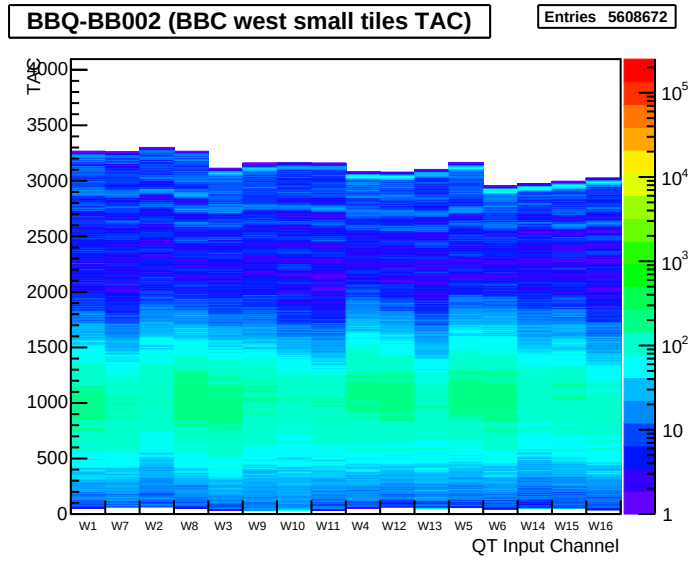

L2-TF201
Entries 2453794
Threshold/UPC bits
307454
310194
307775
309122
308100
305087
333818
43088
40348
42767
41420
42442
45455
16724
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

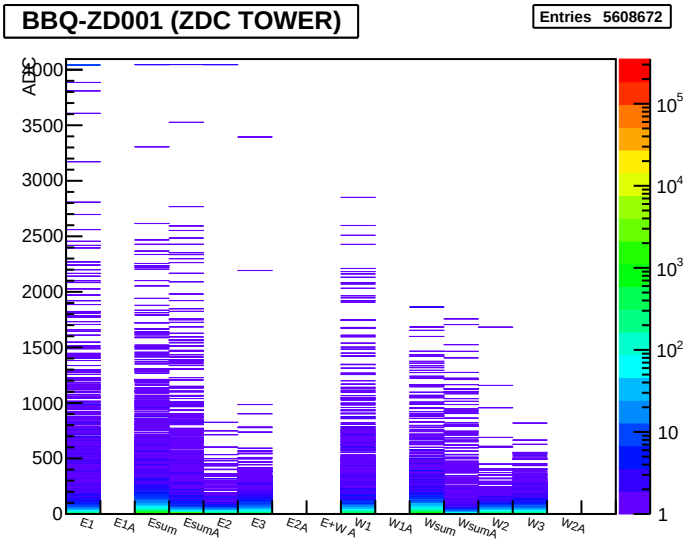

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

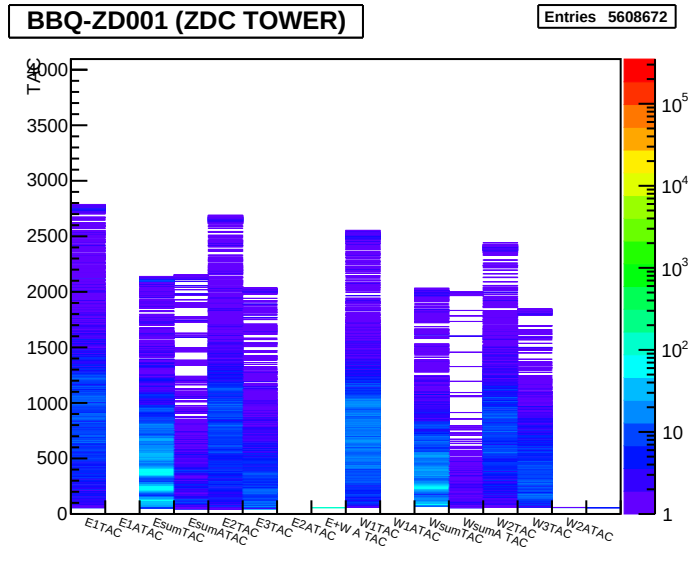

BBQ-BB001 (BBC east small tiles ADC)
Entries 5608672
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

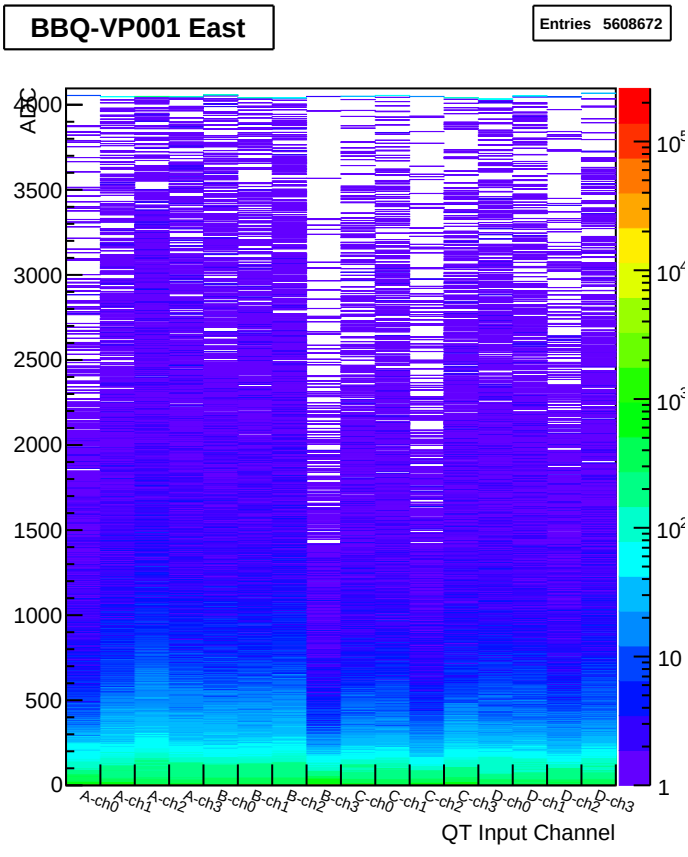

BBQ-BB001 (BBC east small tiles TAC)
Entries 5608672
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

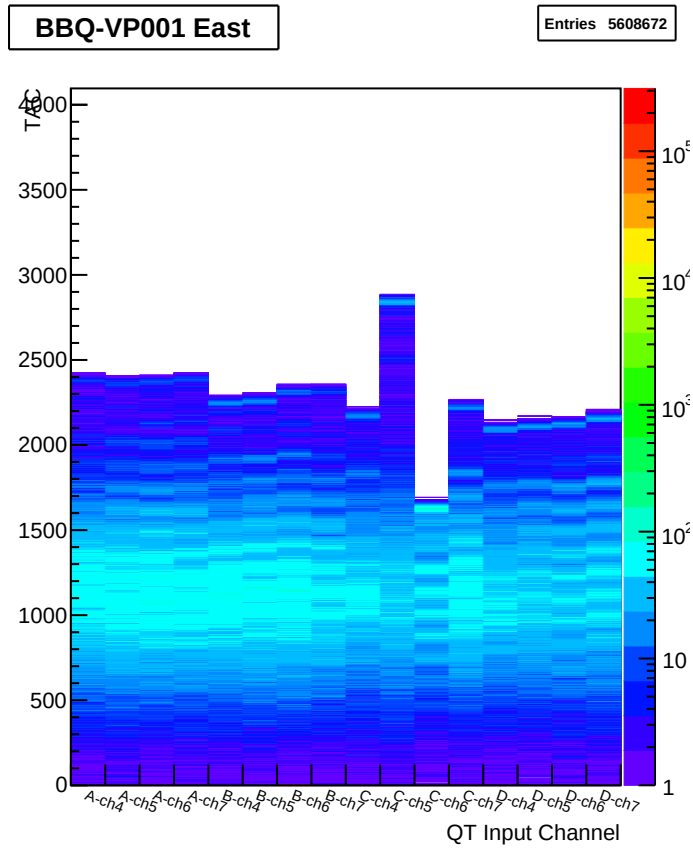

BBQ-BB002 (BBC west small tiles ADC)
Entries 5608672
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

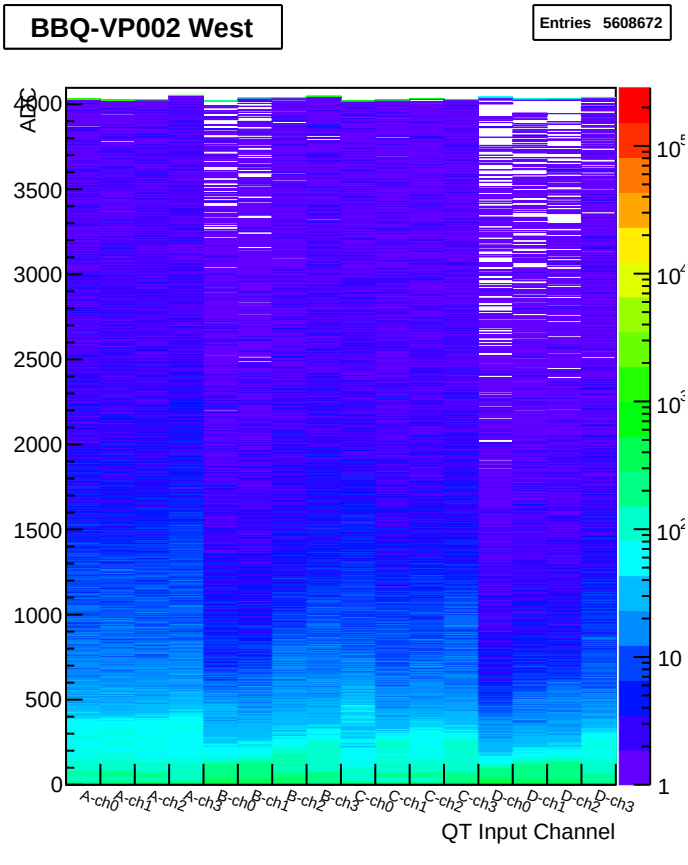

BBQ-BB002 (BBC west small tiles TAC)
Entries 5608672
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

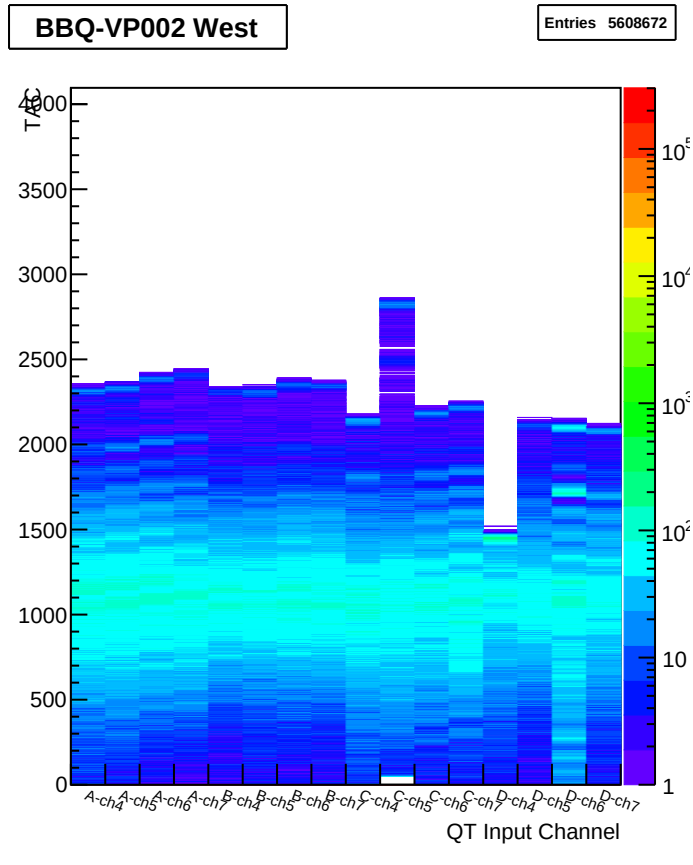

BBQ-ZD001 (ZDC TOWER)
Entries 5608672
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

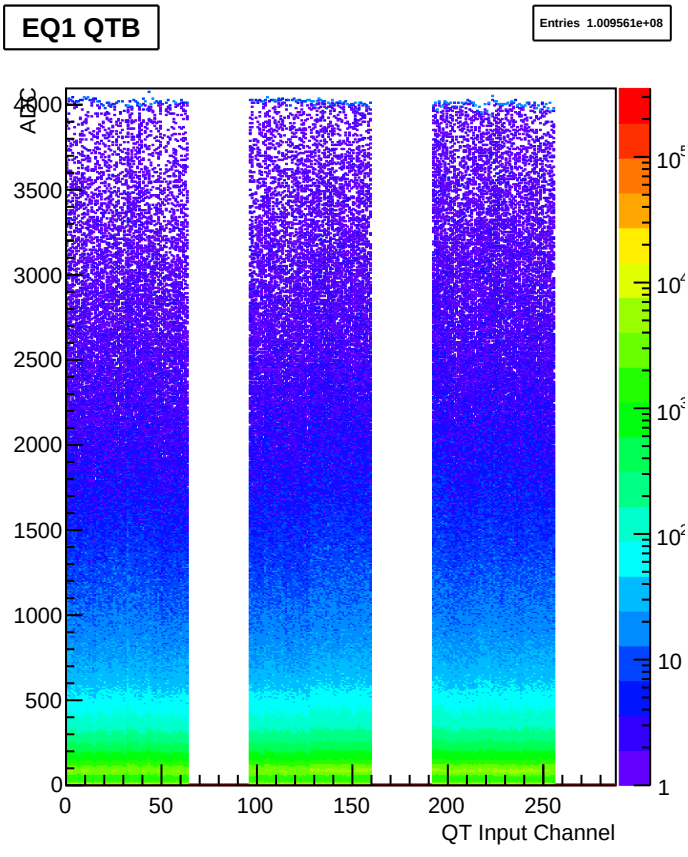

BBQ-ZD001 (ZDC TOWER)
Entries 5608672
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

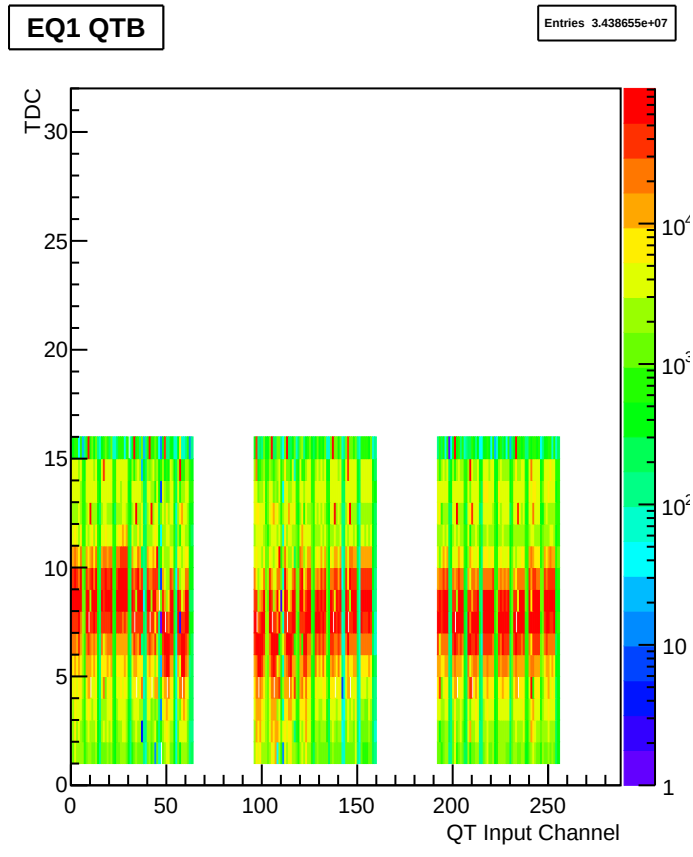

BBQ-VP001 East
Entries 5608672
ADC
QT Input Channel

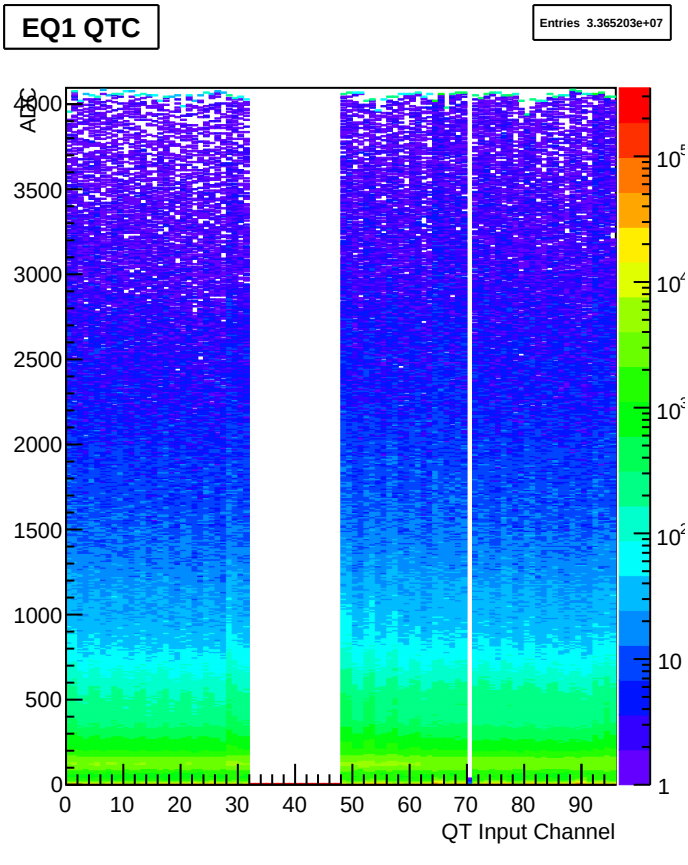

BBQ-VP001 East
Entries 5608672
TADC
QT Input Channel

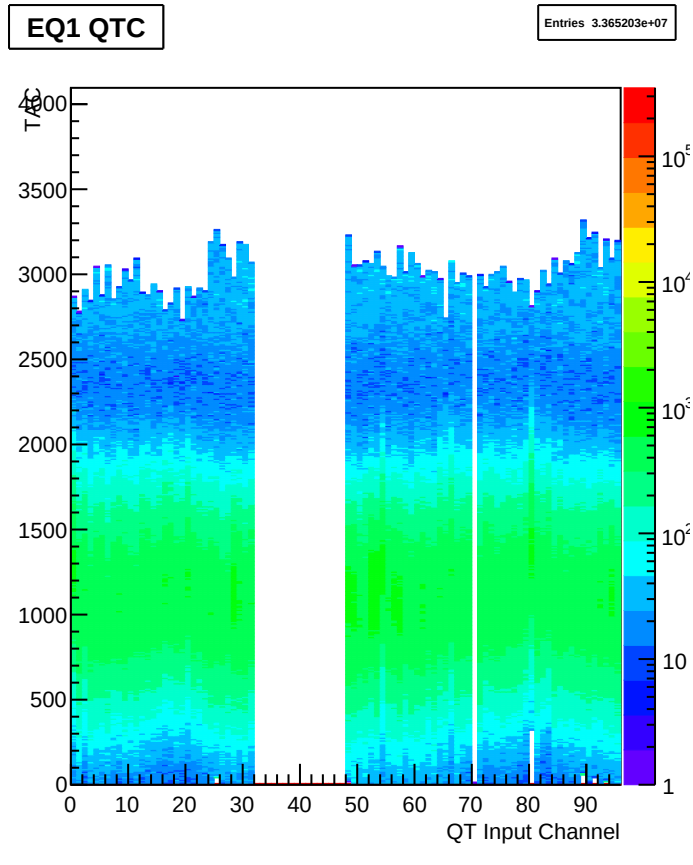

BBQ-VP002 West
Entries 5608672
ADC
QT Input Channel

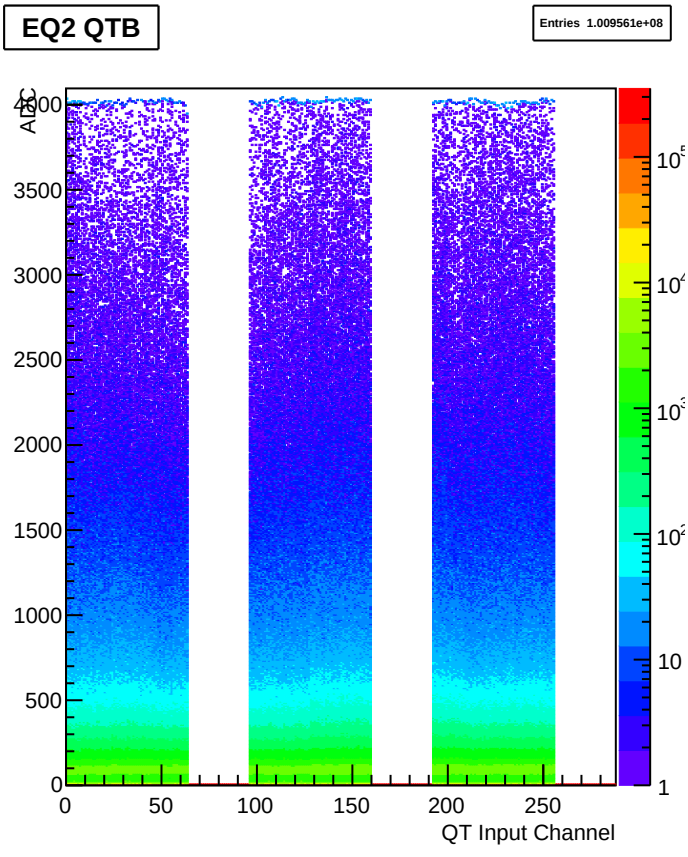

BBQ-VP002 West
Entries 5608672
TADC
QT Input Channel

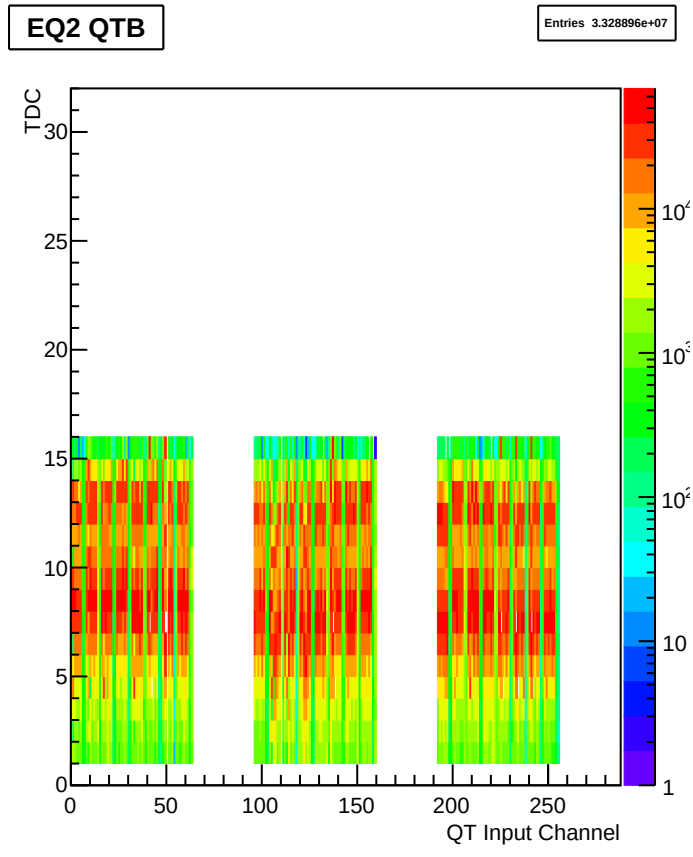

EQ1 QTB
Entries 1.009561e+08
ADC
QT Input Channel

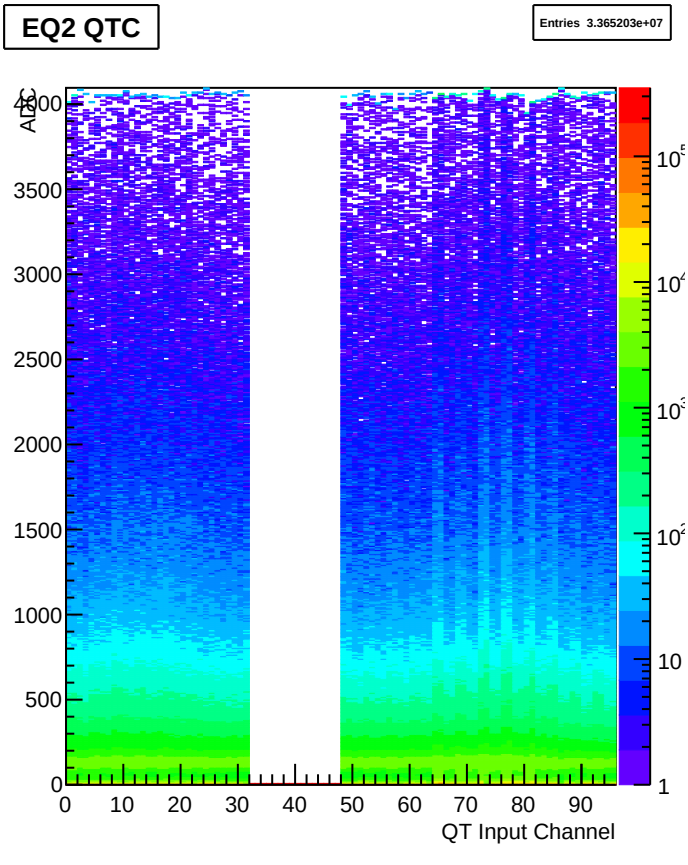

EQ1 QTB
Entries 3.438655e+07
TDC
QT Input Channel

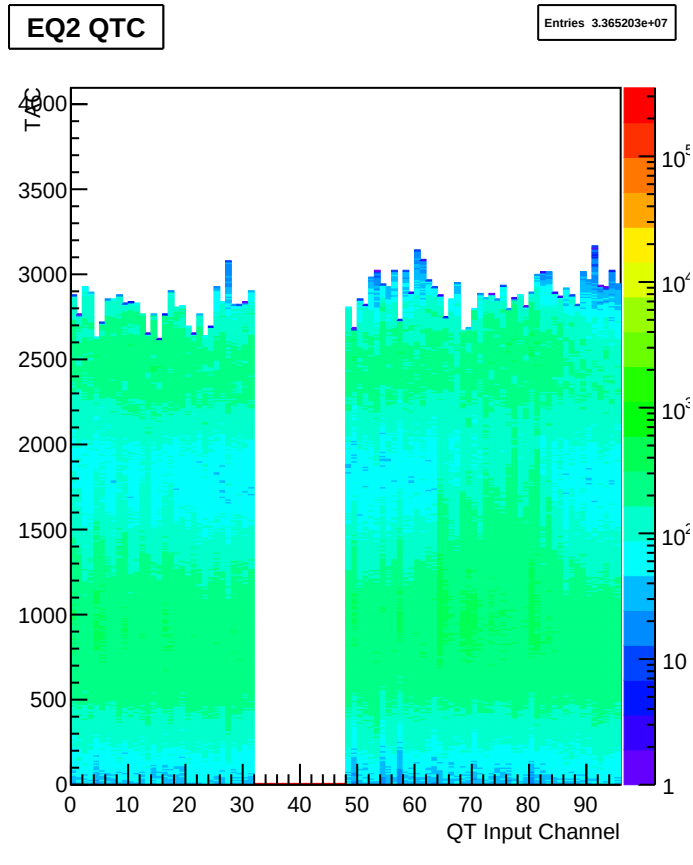

EQ1 QTC
Entries 3.365203e+07
ADC
QT Input Channel

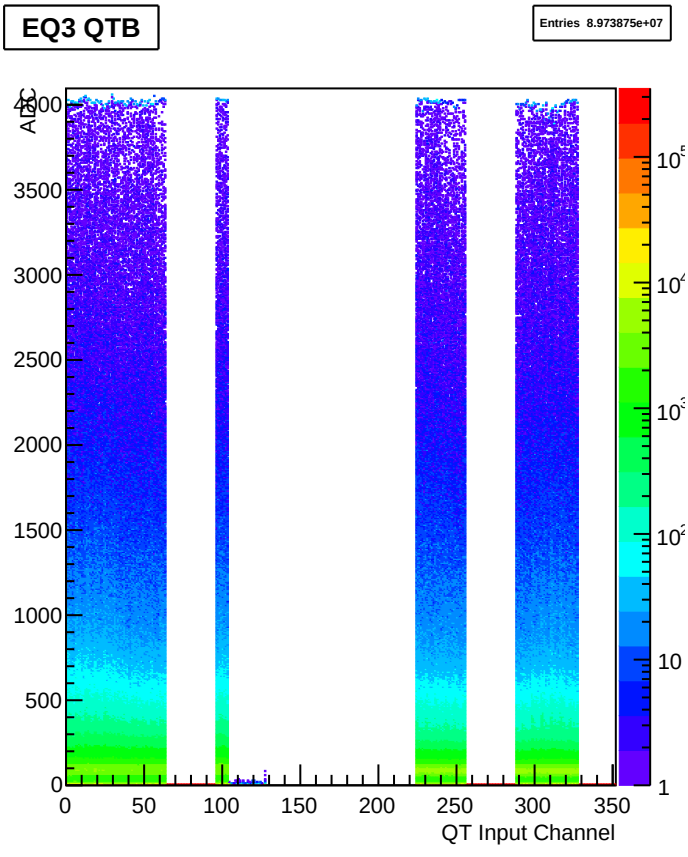

EQ1 QTC
Entries 3.365203e+07
TADC
QT Input Channel

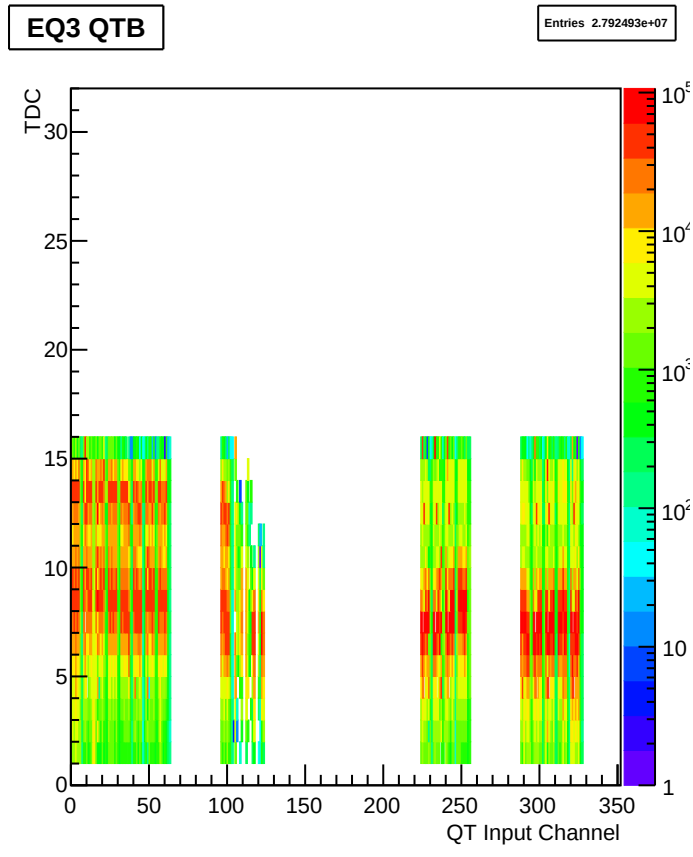

EQ2 QTB
Entries 1.009561e+08
ADC
QT Input Channel

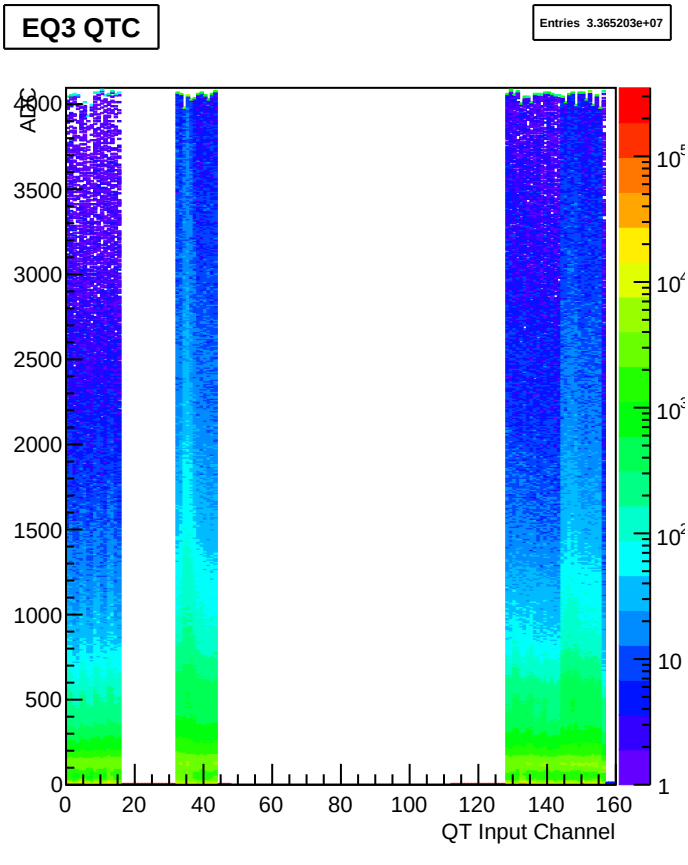

EQ2 QTB
Entries 3.328896e+07
TDC
QT Input Channel

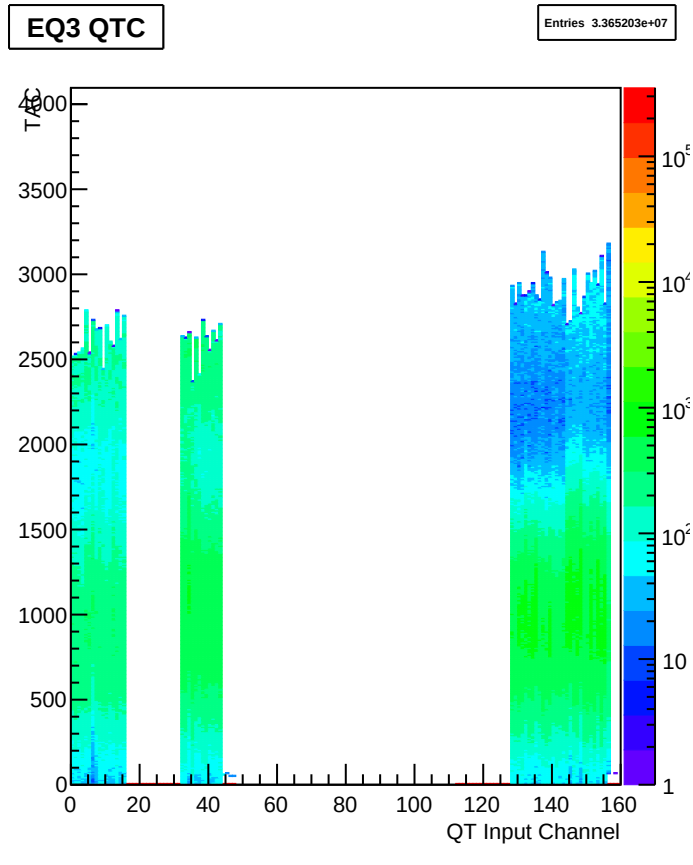

EQ2 QTC
Entries 3.365203e+07
ADC
QT Input Channel

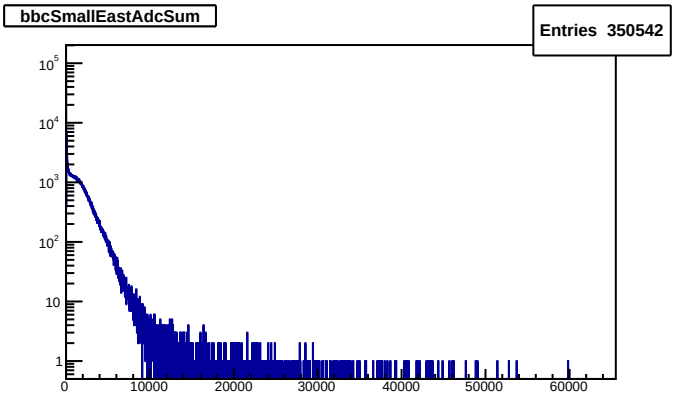

EQ2 QTC
Entries 3.365203e+07
TADC
QT Input Channel

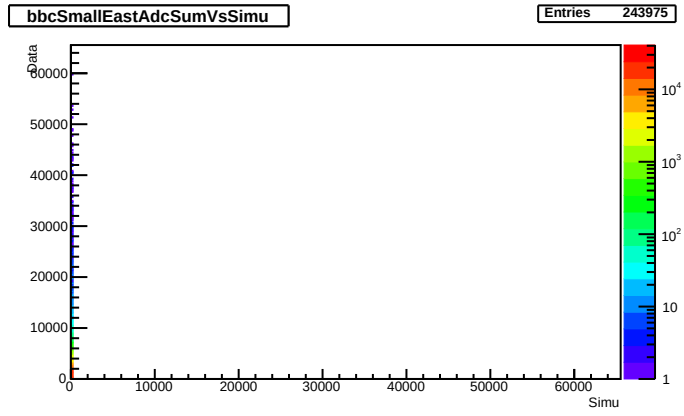

EQ3 QTB
Entries 8.973875e+07
ADC
QT Input Channel

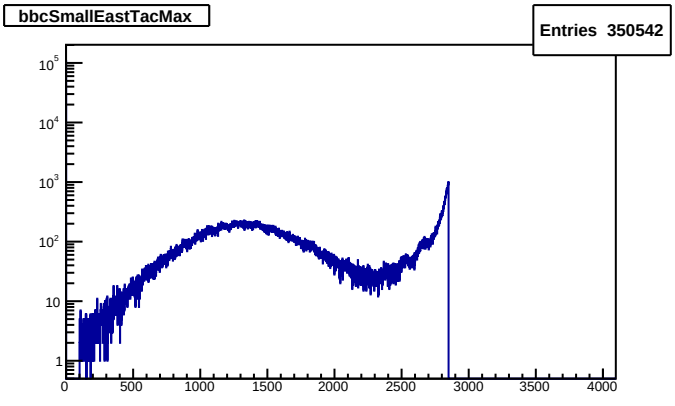

EQ3 QTB
Entries 2.792493e+07
TDC
QT Input Channel

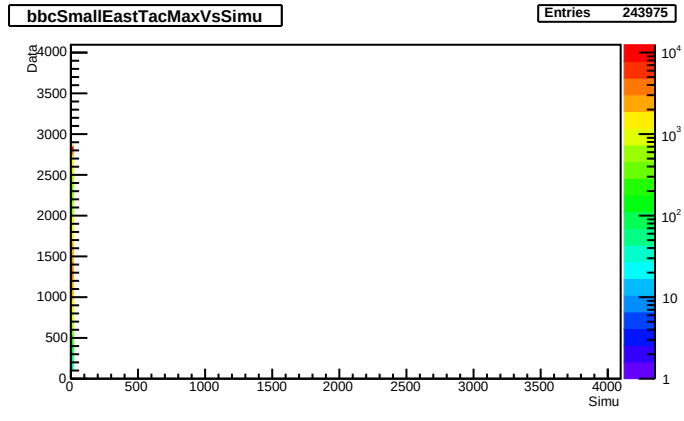

EQ3 QTC
Entries 3.365203e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.365203e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 350542


bbcSmallEastAdcSumVsSimu
Entries 243975
Data
Simu


bbcSmallEastTacMax
Entries 350542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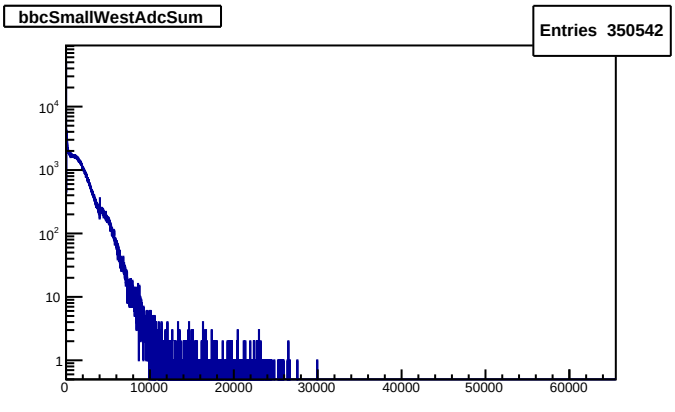
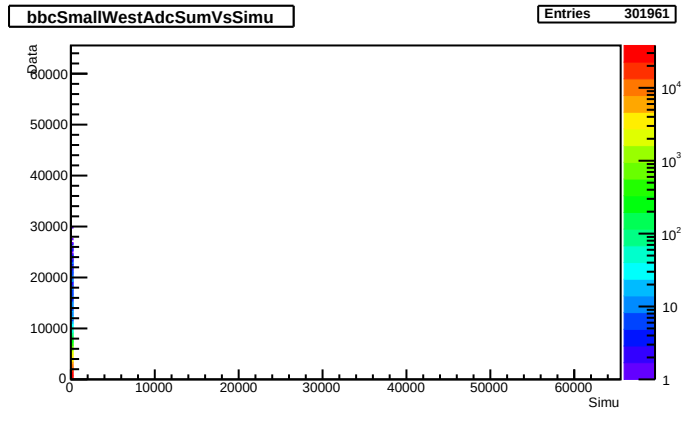
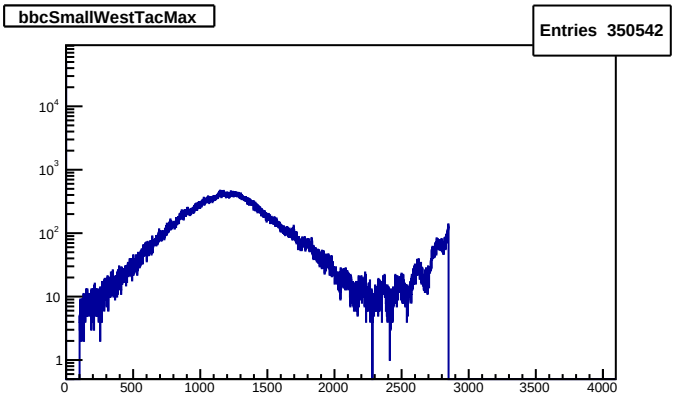
Entries 243975
Data
Simu


bbcSmallWestAdcSum
Entries 350542


bbcSmallWestAdcSumVsSimu
Entries 301961
Data
Simu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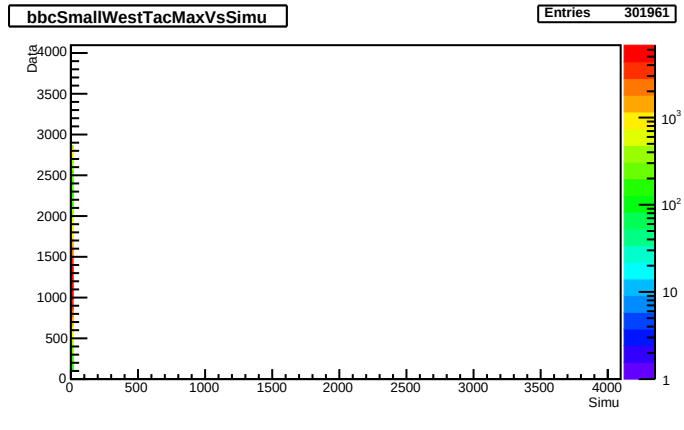
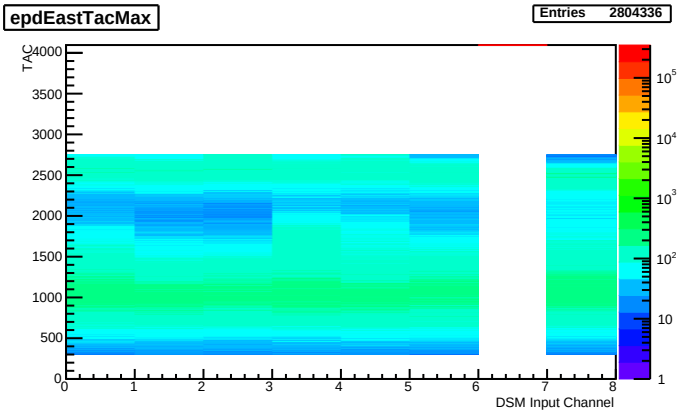
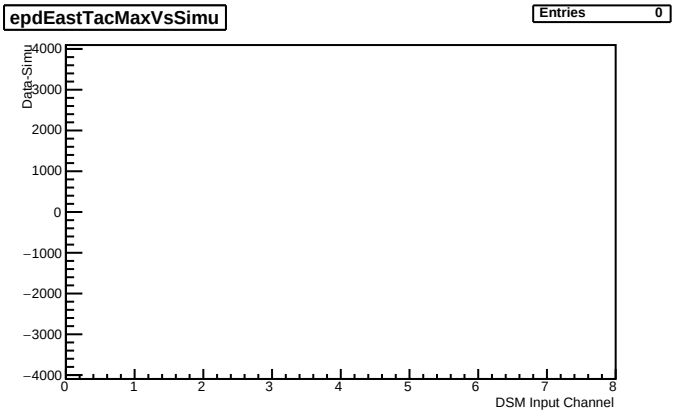
Entries 350542


bbcSmallWestTacMaxVsSimu
Entries 301961
Data
Simu


epdEastTacMax
Entries 2804336
TAC
DSM Input Channel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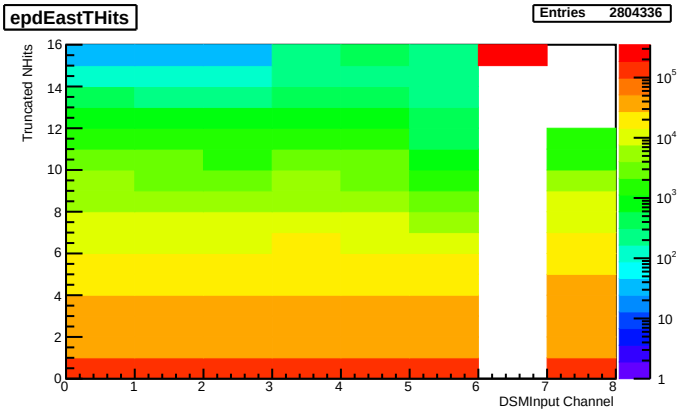
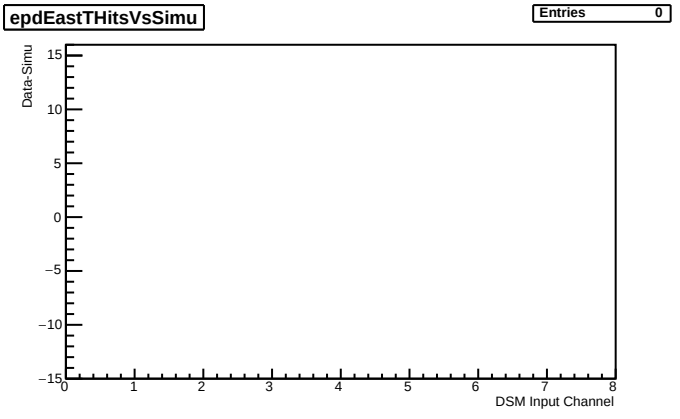
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2804336
Truncated NHits
DSMInput Channel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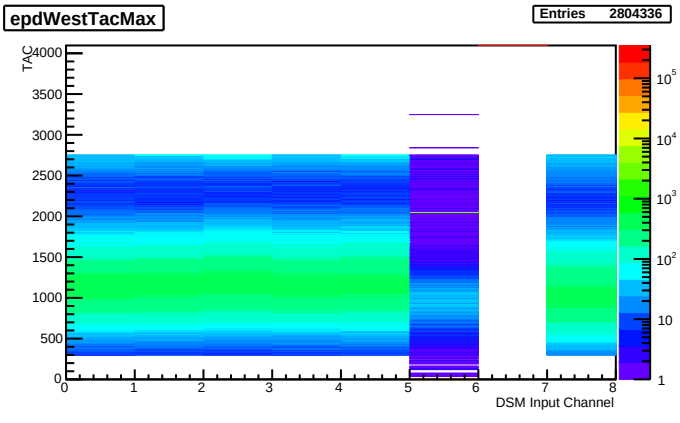
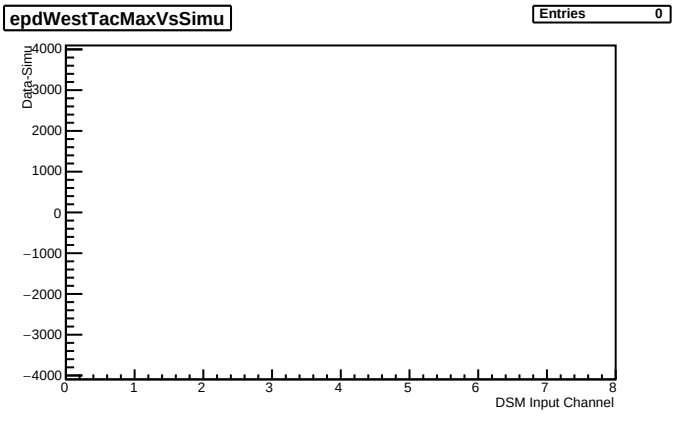
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2804336
TAC
DSM Input Channel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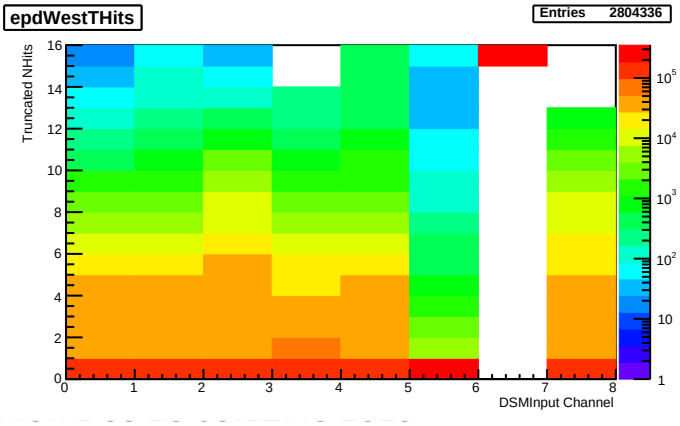
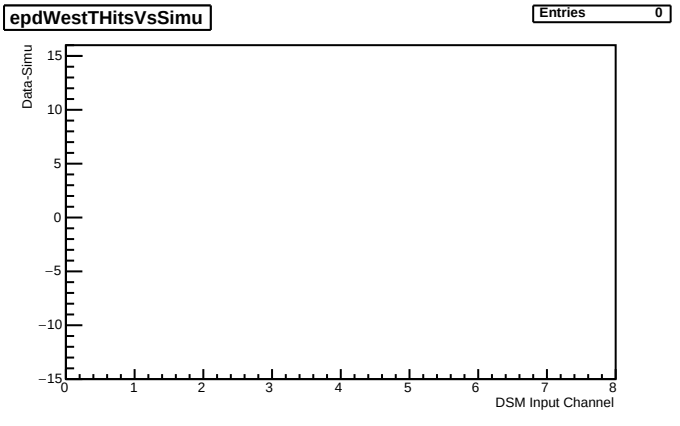
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2804336
Truncated NHits
DSMInput Channel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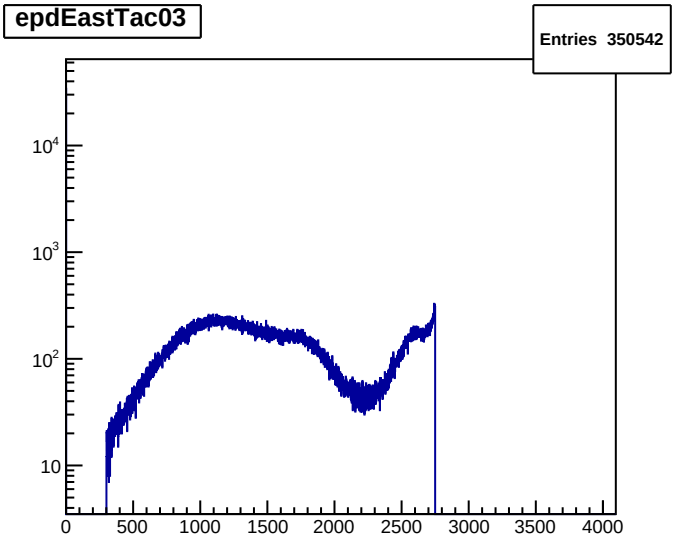
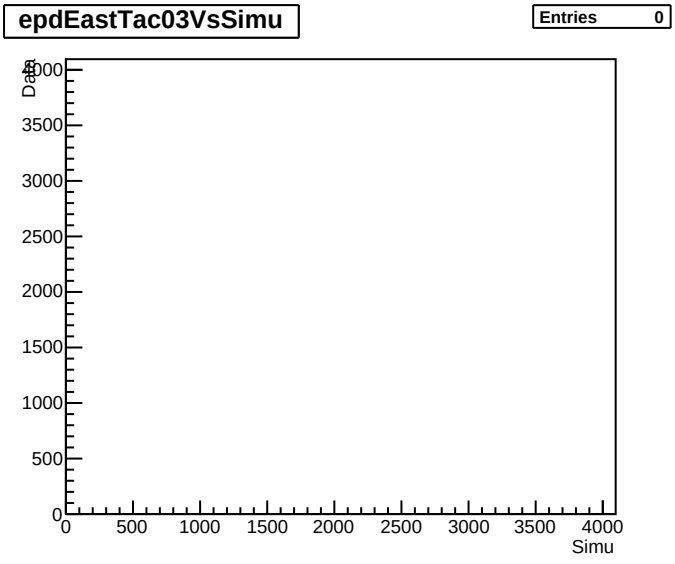
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 350542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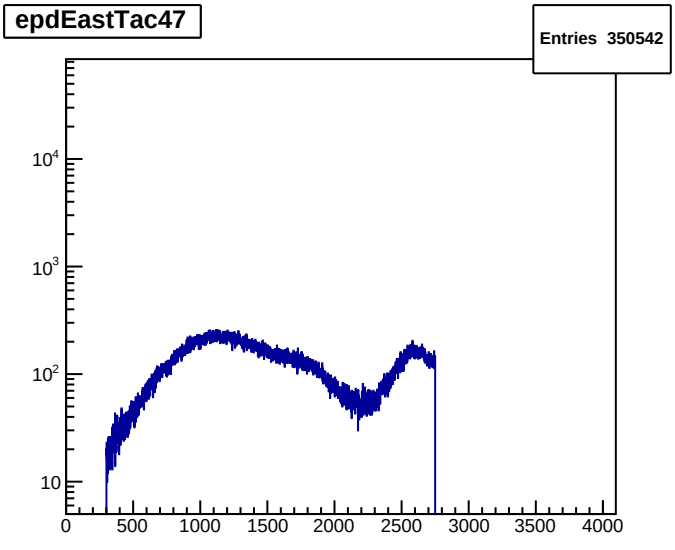
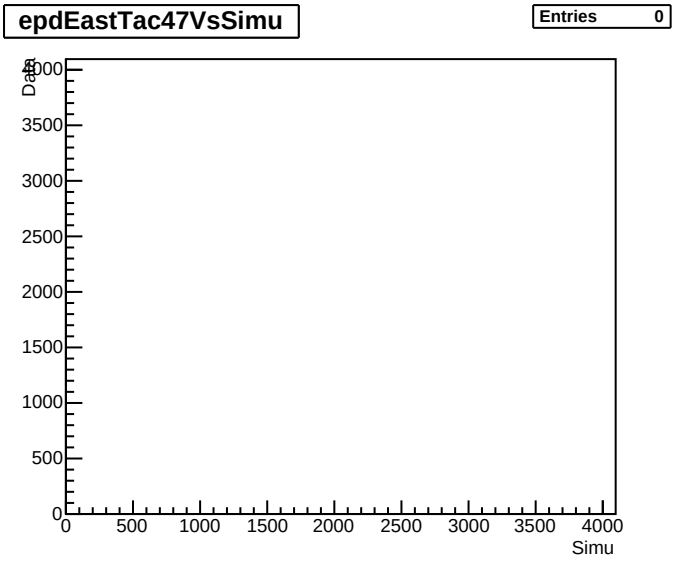
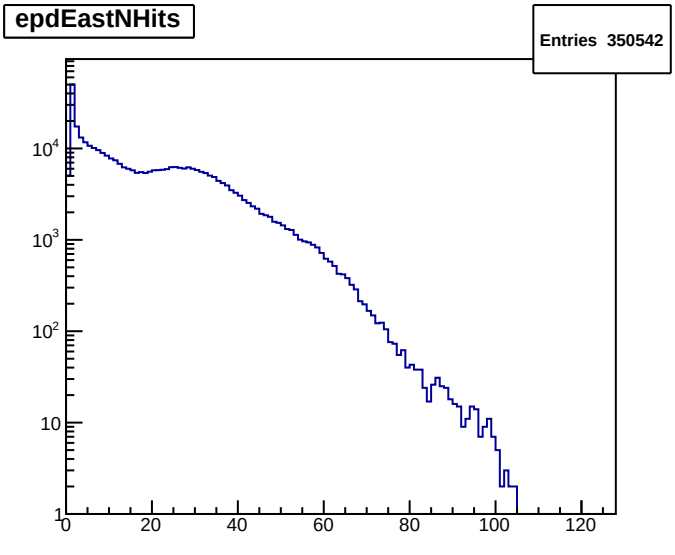
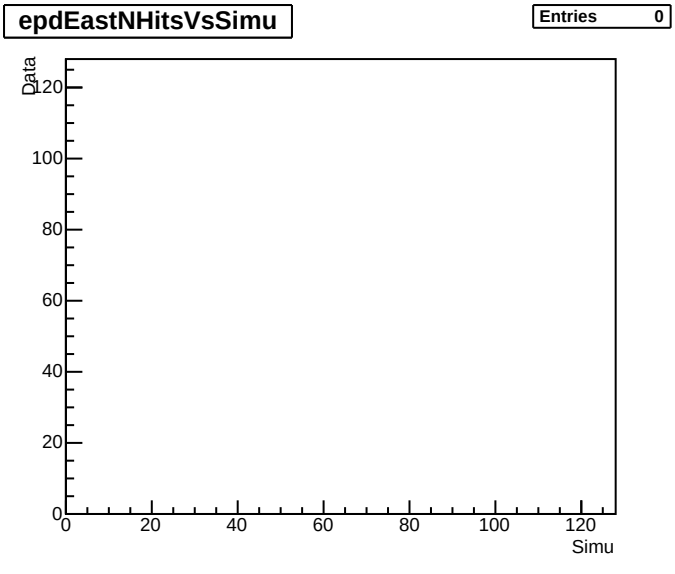
Entries 0
Data
Simu


epdEastTac47
Entries 350542


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 350542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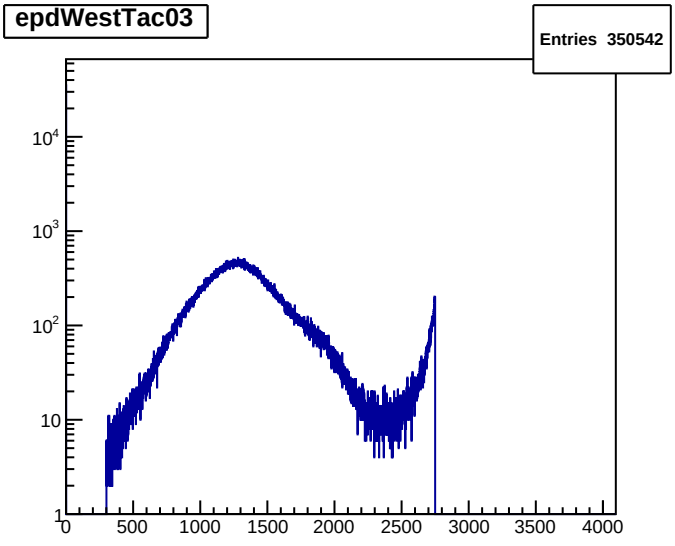
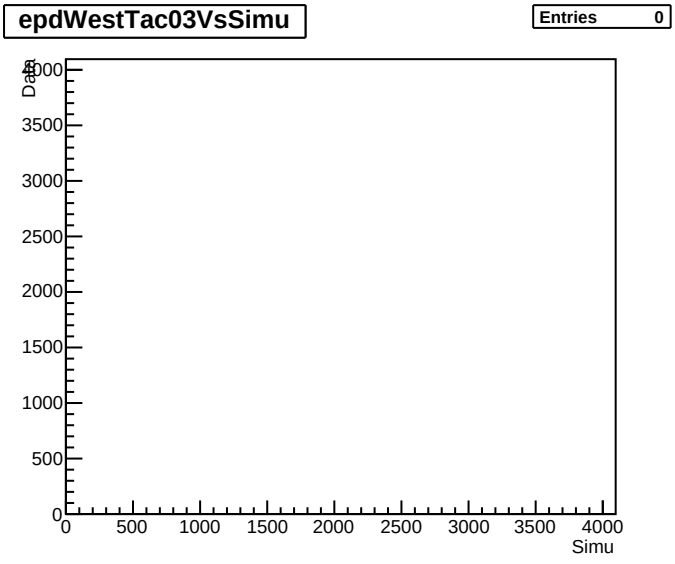
Entries 0
Data
Simu


epdWestTac03
Entries 350542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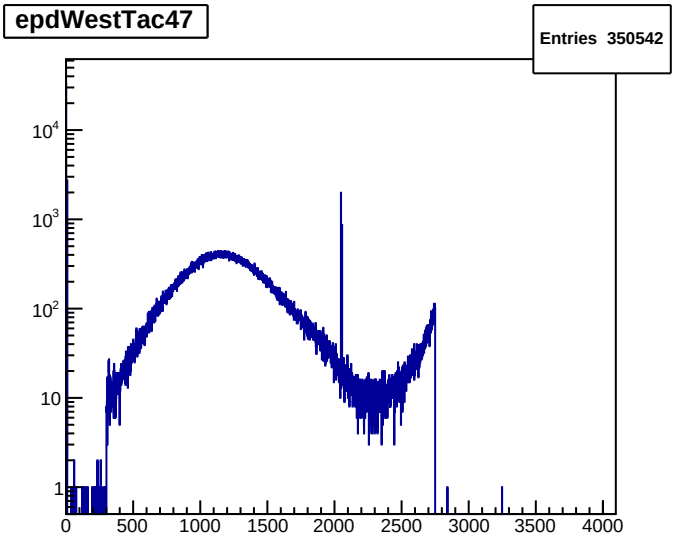
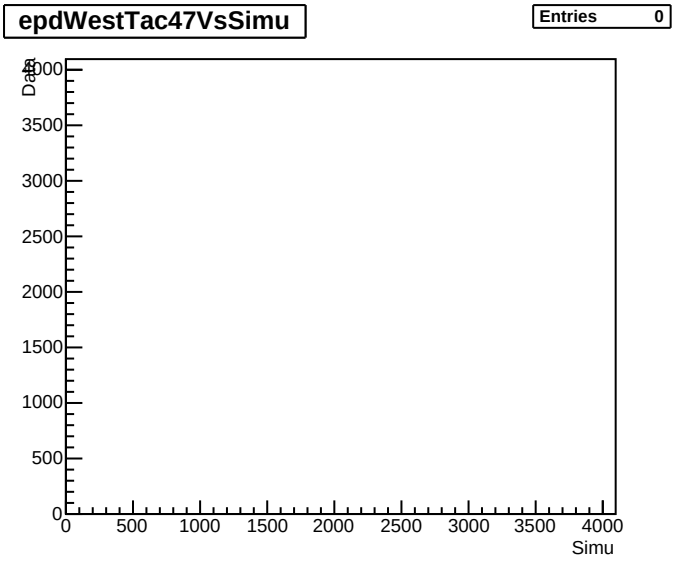
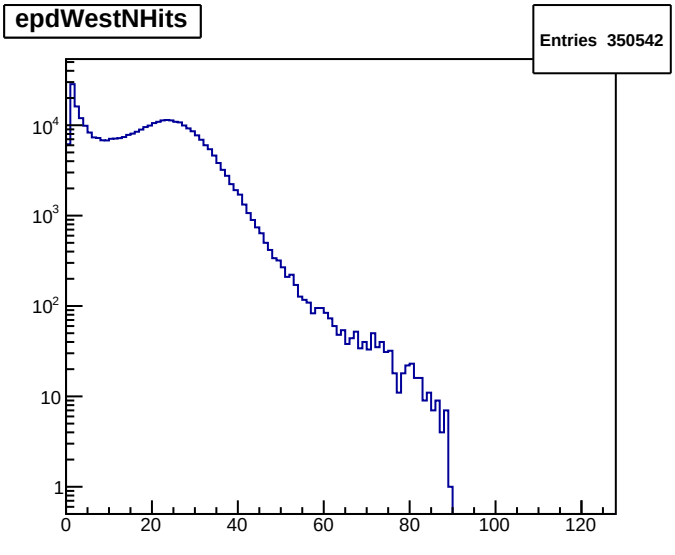
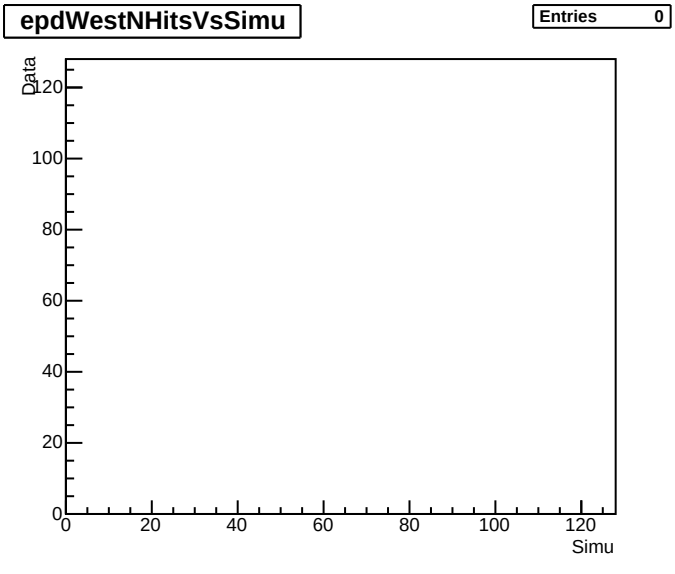
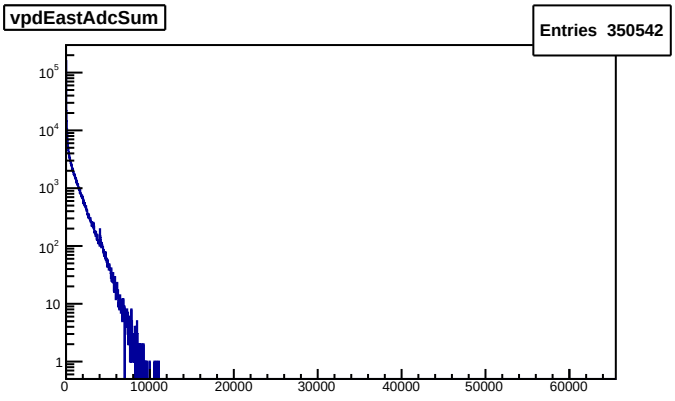
Entries 0
Data
Simu

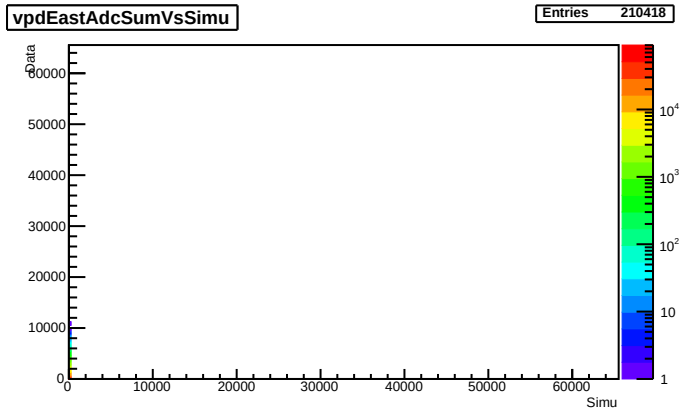

epdWestTac47
Entries 350542

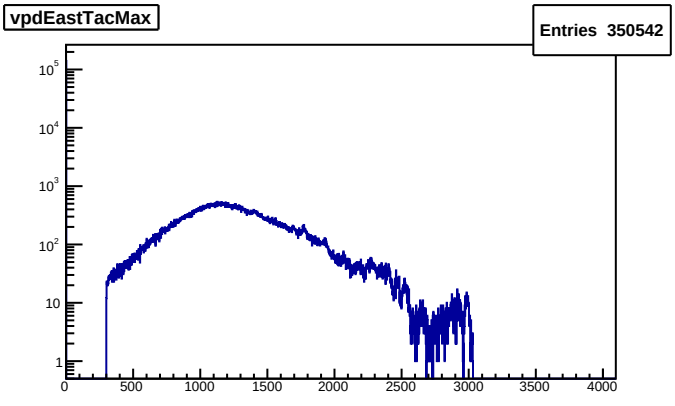

epdWestTac47VsSimu
Entries 0
Data
Simu

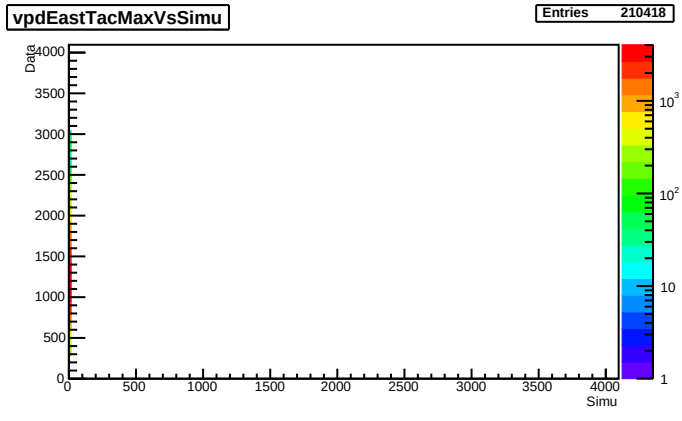

epdWestNHits
Entries 350542

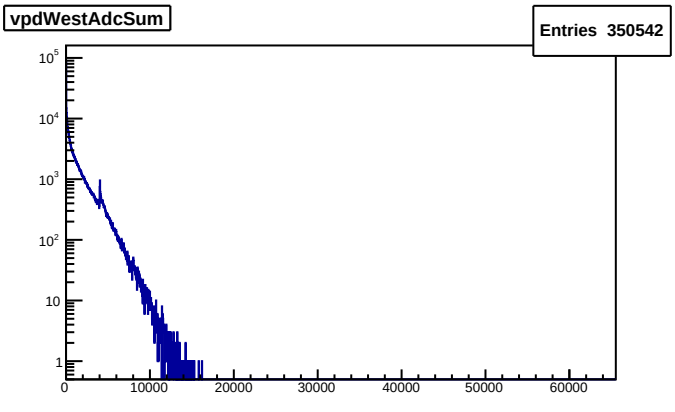

epdWestNHitsVsSimu
Entries 0
Data
Simu

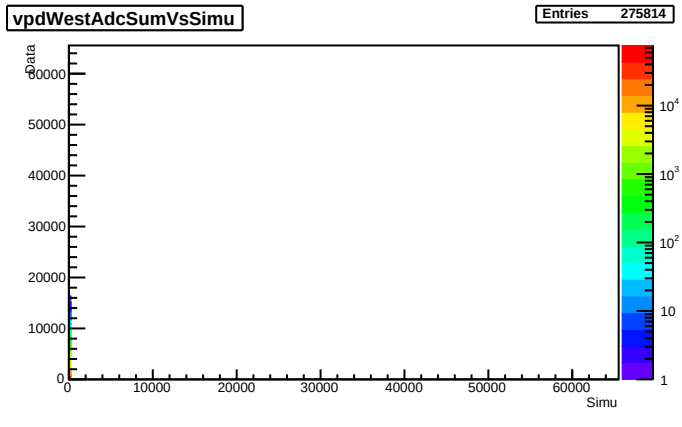

vpdEastAdcSum
Entries 350542

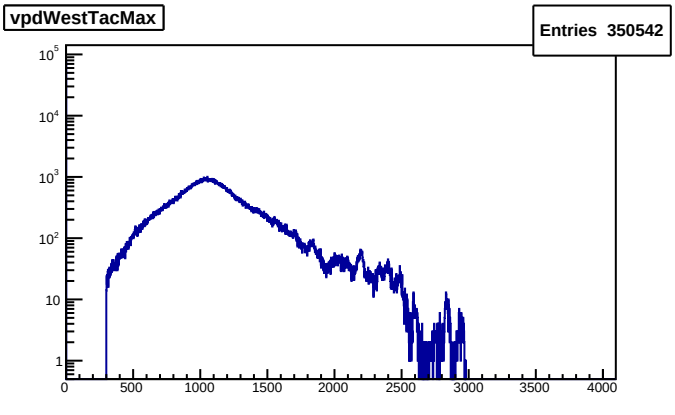

vpdEastAdcSumVsSimu
Entries 210418
Data
Simu

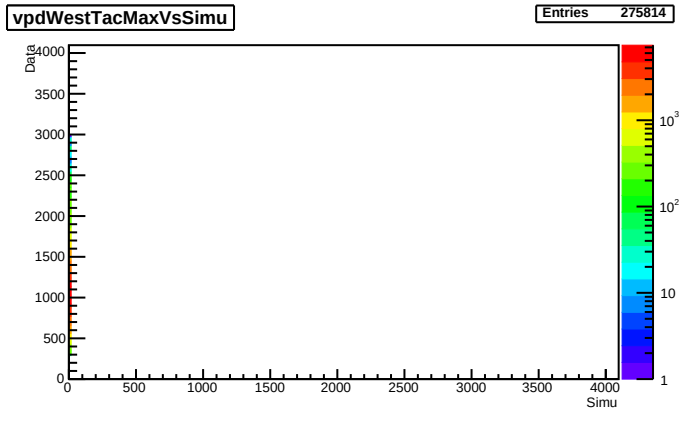

vpdEastTacMax
Entries 350542

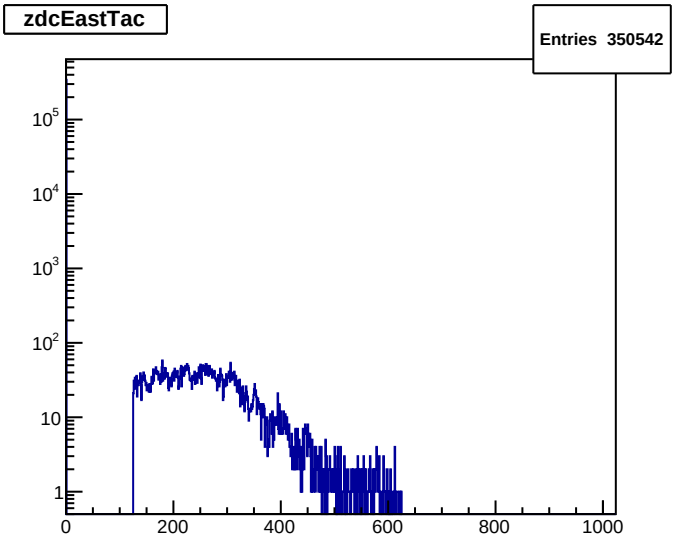

vpdEastTacMaxVsSimu
Entries 210418
Data
Simu

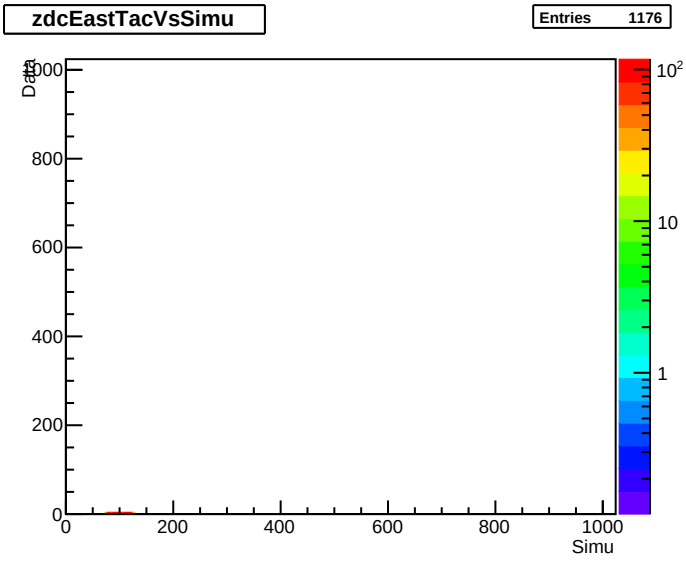

vpdWestAdcSum
Entries 350542

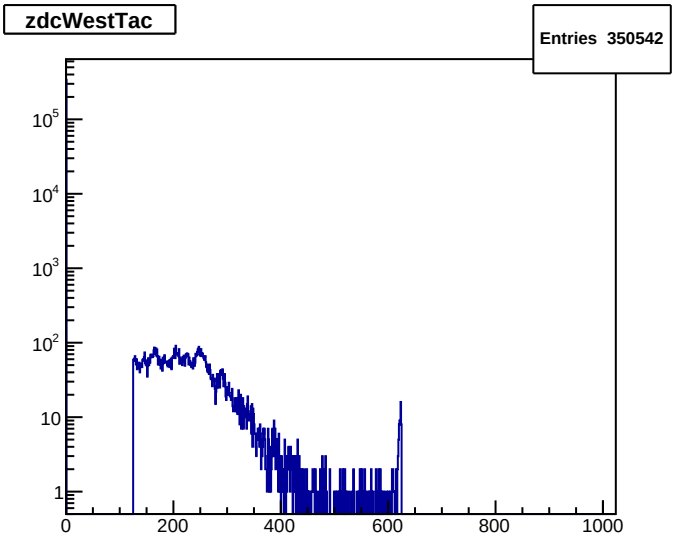

vpdWestAdcSumVsSimu
Entries 275814
Data
Simu

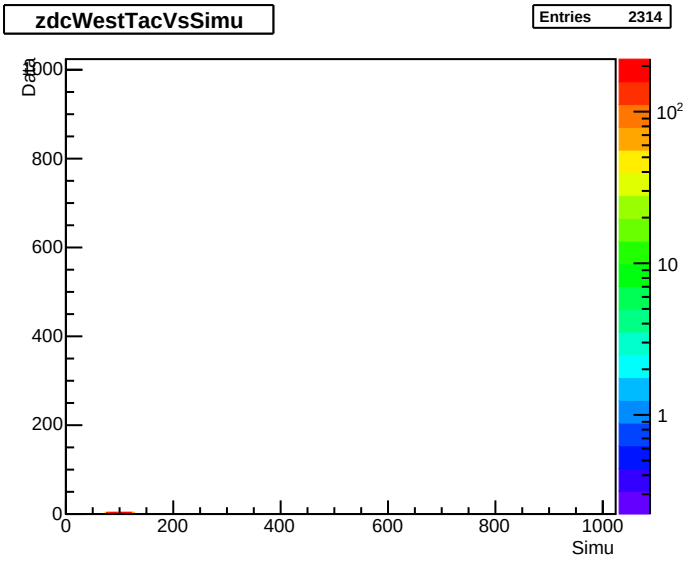

vpdWestTacMax
Entries 350542

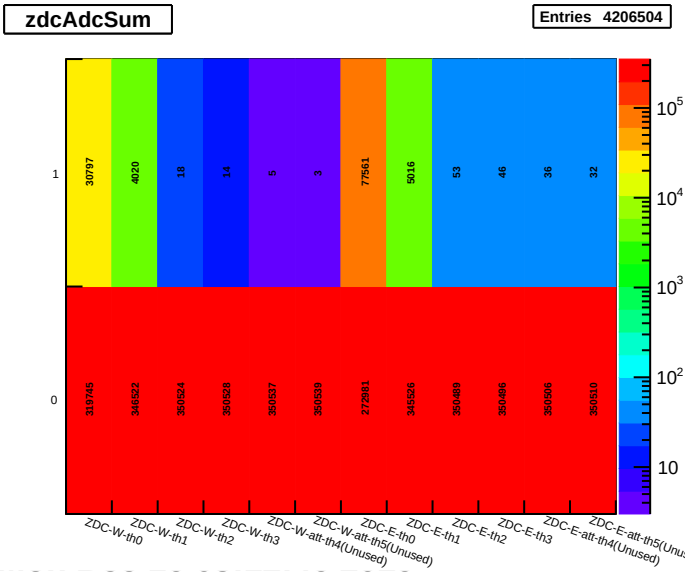

vpdWestTacMaxVsSimu
Entries 275814
Data
Simu

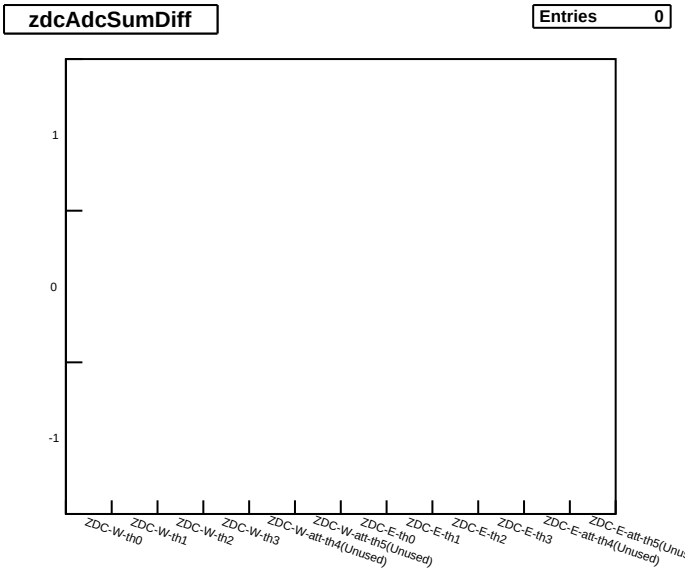

zdcEastTac
Entries 350542

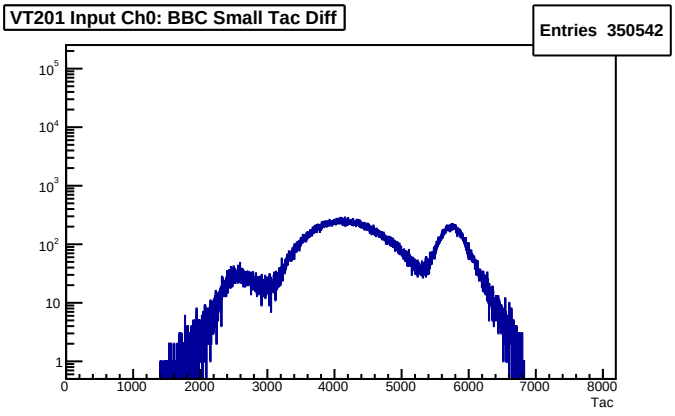

zdcEastTacVsSimu
Entries 1176
Data
Simu

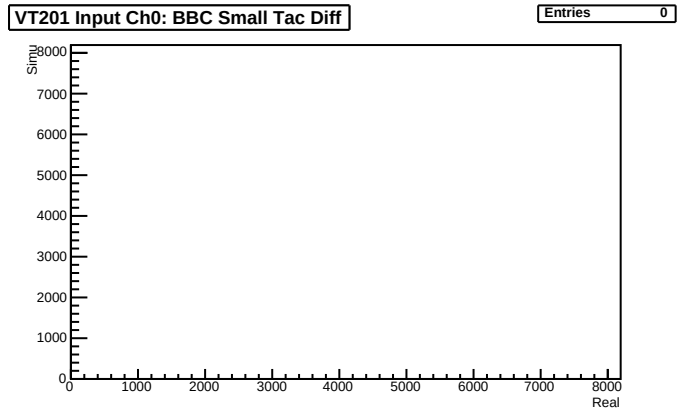

zdcWestTac
Entries 350542

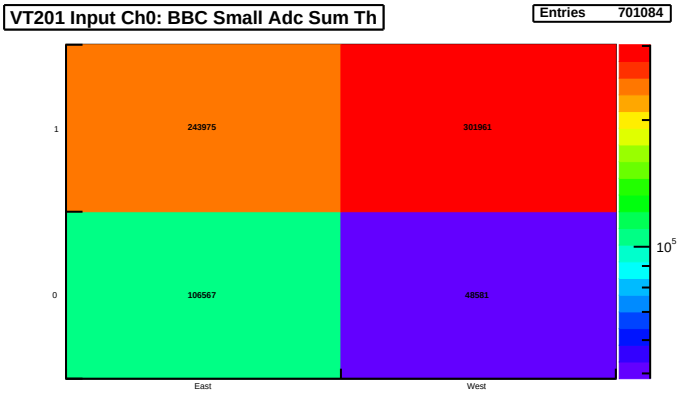

zdcWestTacVsSimu
Entries 2314
Data
Simu

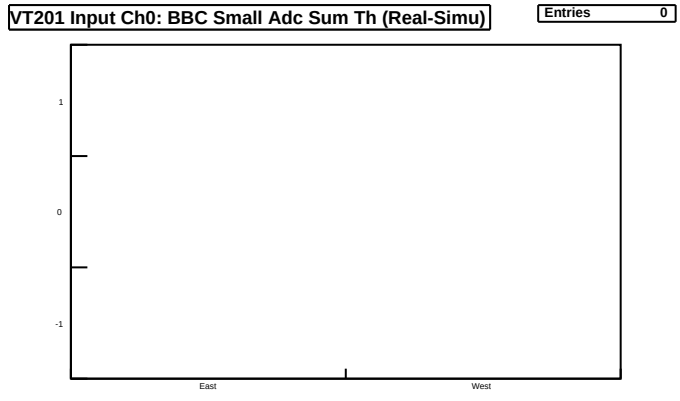

zdcAdcSum
Entries 4206504
30797
4020
18
14
5
3
77561
5016
53
46
36
32
319745
346522
350524
350528
350537
350539
272981
345526
350489
350496
350506
350510
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

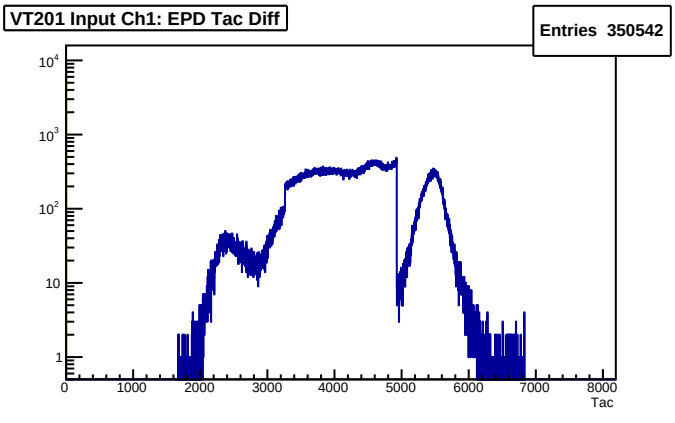

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

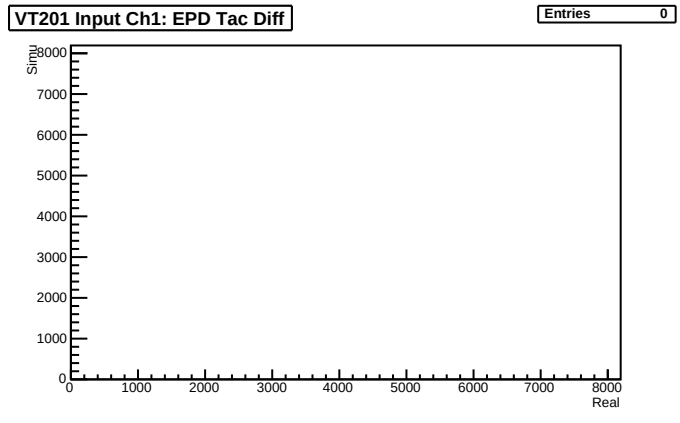

VT201 Input Ch0: BBC Small Tac Diff
Entries 350542
Tac

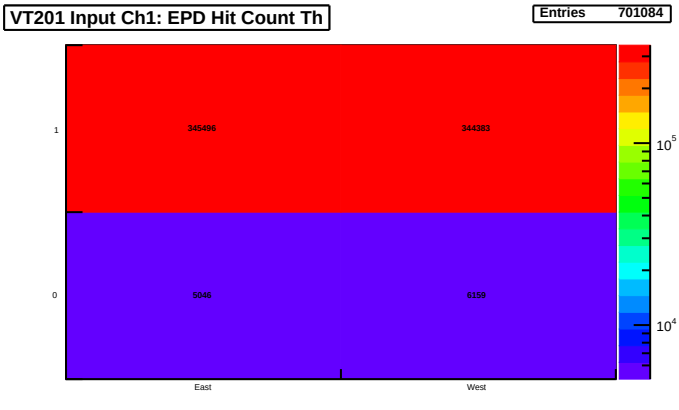

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

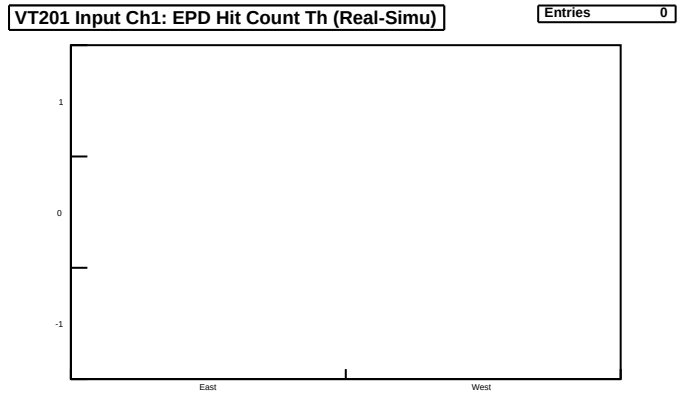

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 701084
243975
301961
106567
49581
East
West

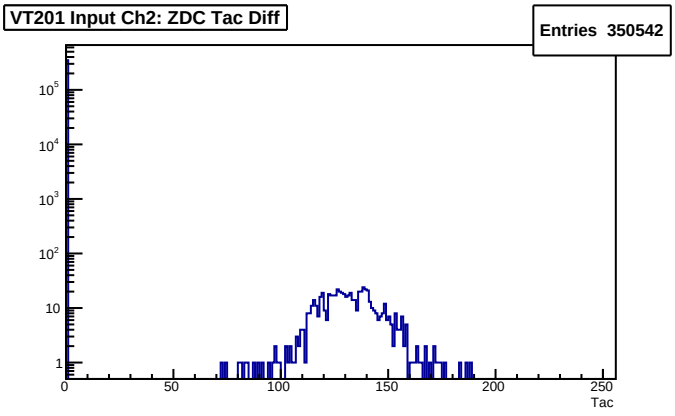

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

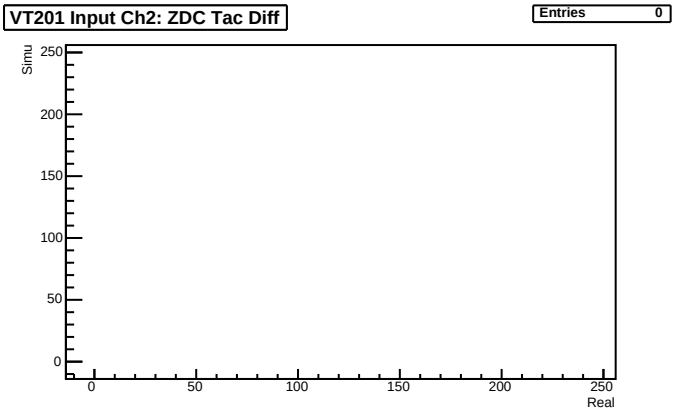

VT201 Input Ch1: EPD Tac Diff
Entries 350542
Tac

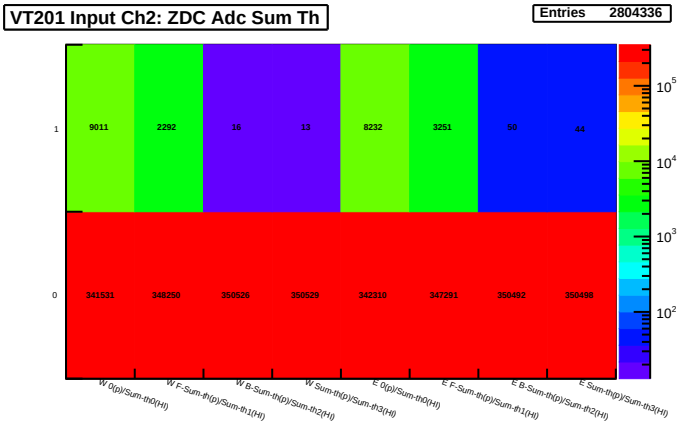

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

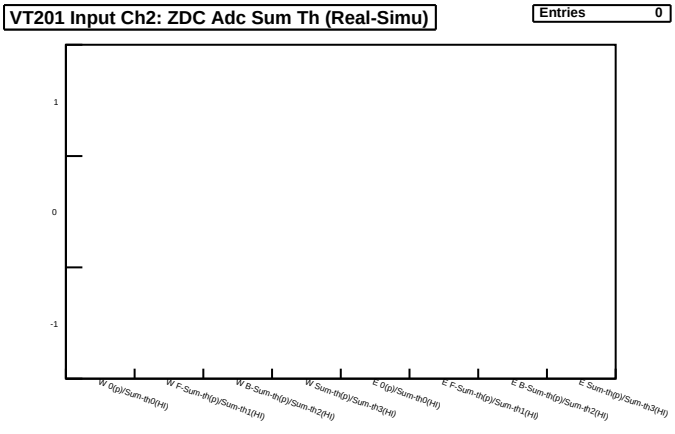

VT201 Input Ch1: EPD Hit Count Th
Entries 701084
345496
344383
5046
6159
East
West

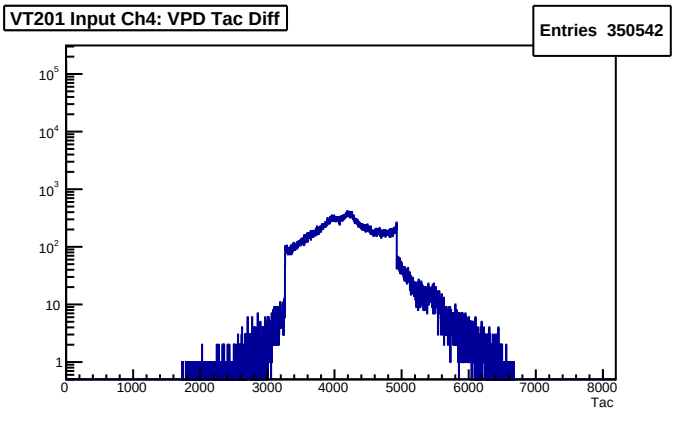

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

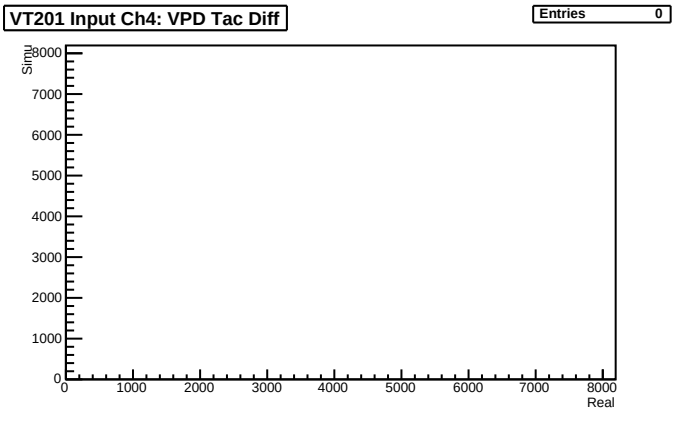

VT201 Input Ch2: ZDC Tac Diff
Entries 350542
Tac

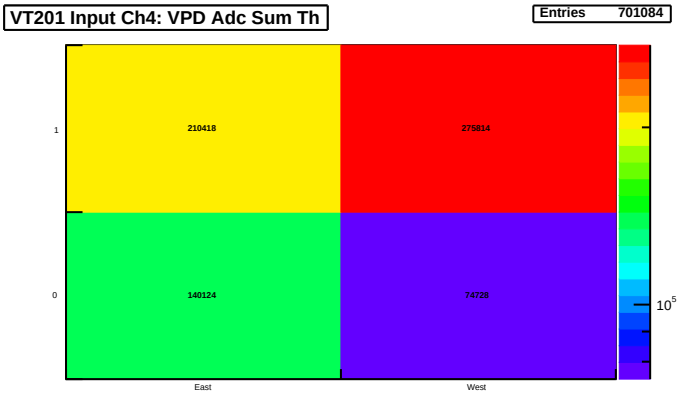

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

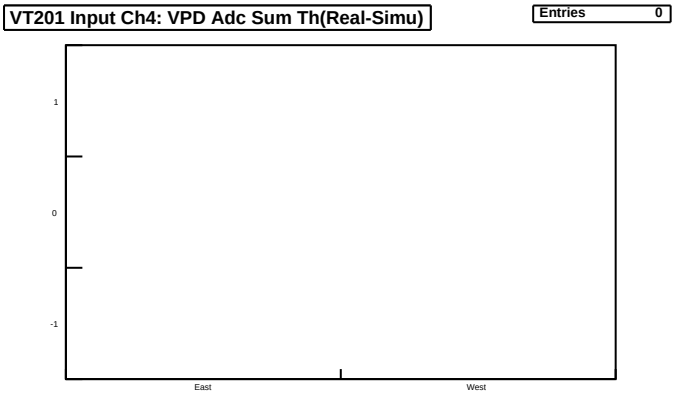

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2804336
9011
2292
16
13
8232
3251
50
44
341531
348250
350526
350529
342310
347291
350492
350498
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

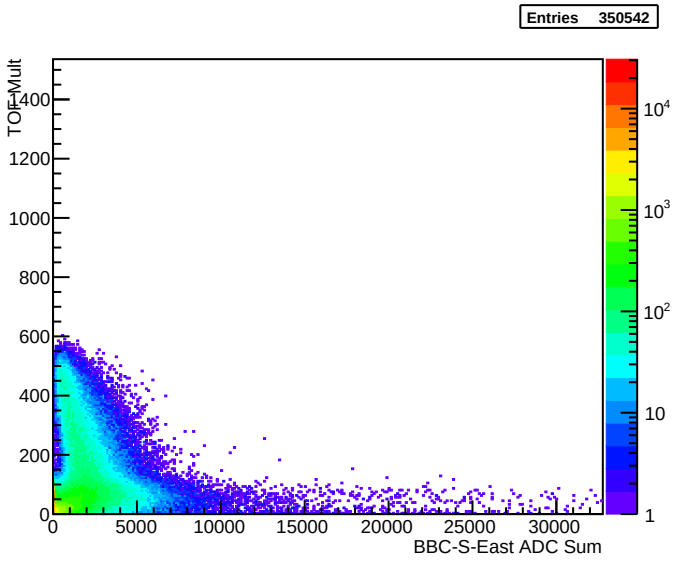

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

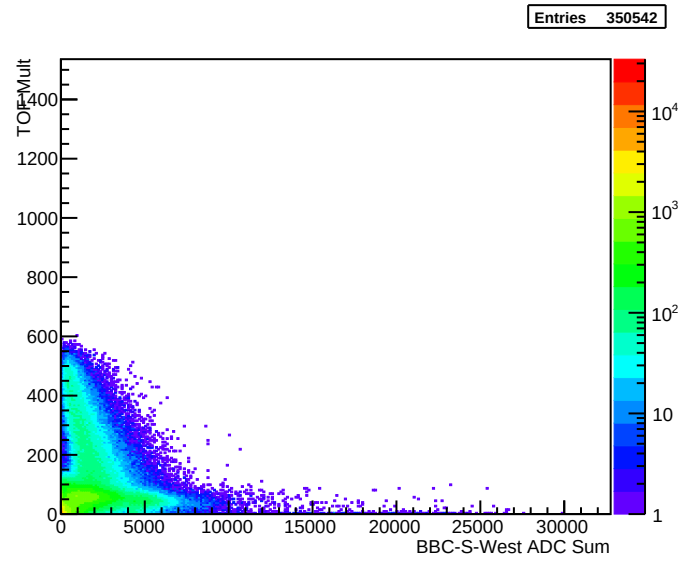

VT201 Input Ch4: VPD Tac Diff
Entries 350542
Tac

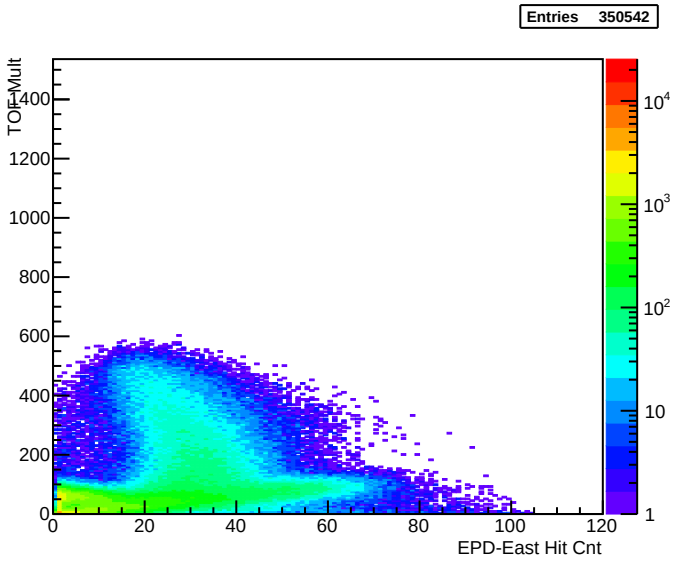

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

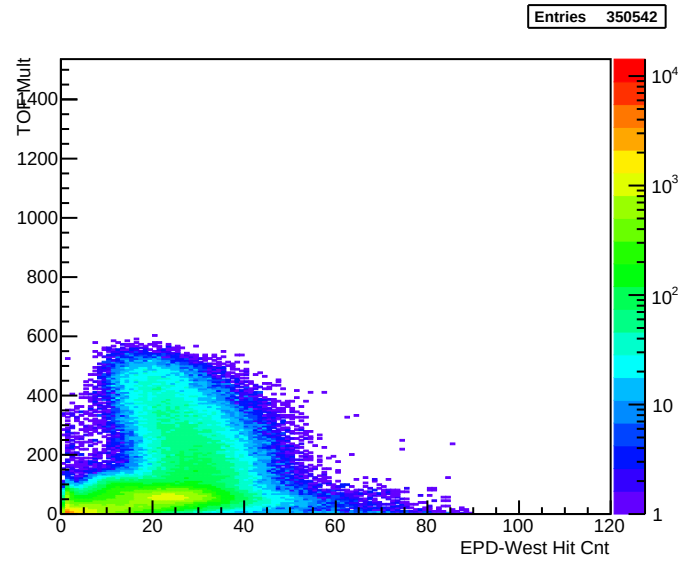

VT201 Input Ch4: VPD Adc Sum Th
Entries 701084
210418
275814
140124
74728
East
West

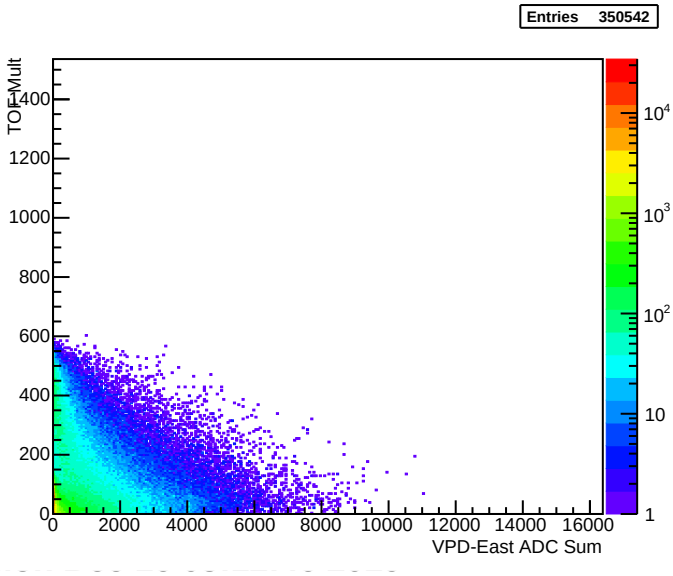

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

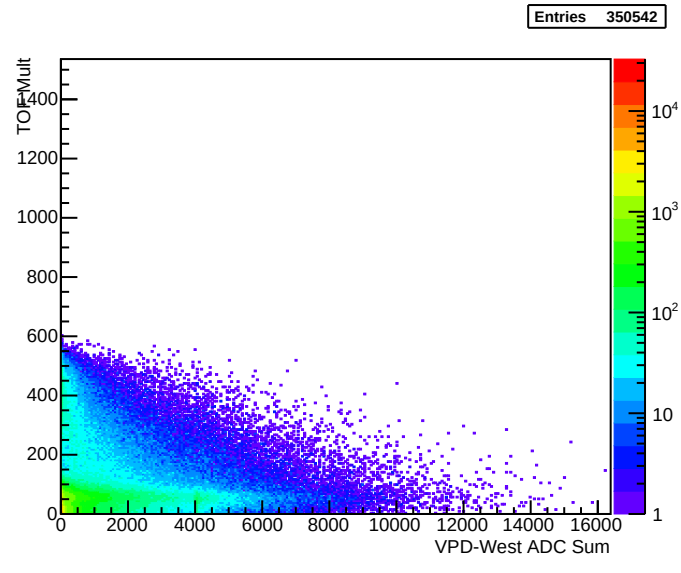

Entries 350542
TOF-Mult
BBC-S-East ADC Sum

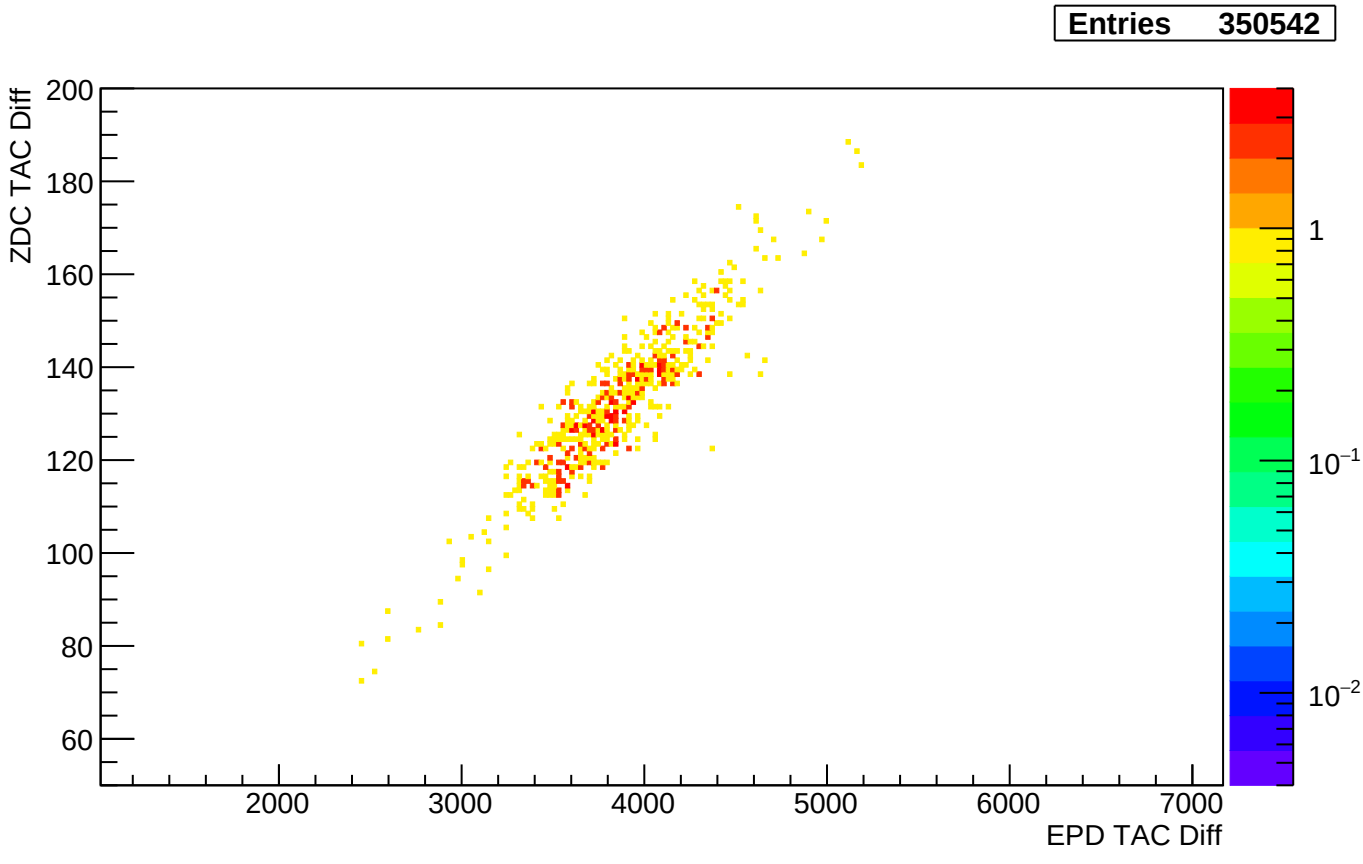

Entries 350542
TOF-Mult
BBC-S-West ADC Sum

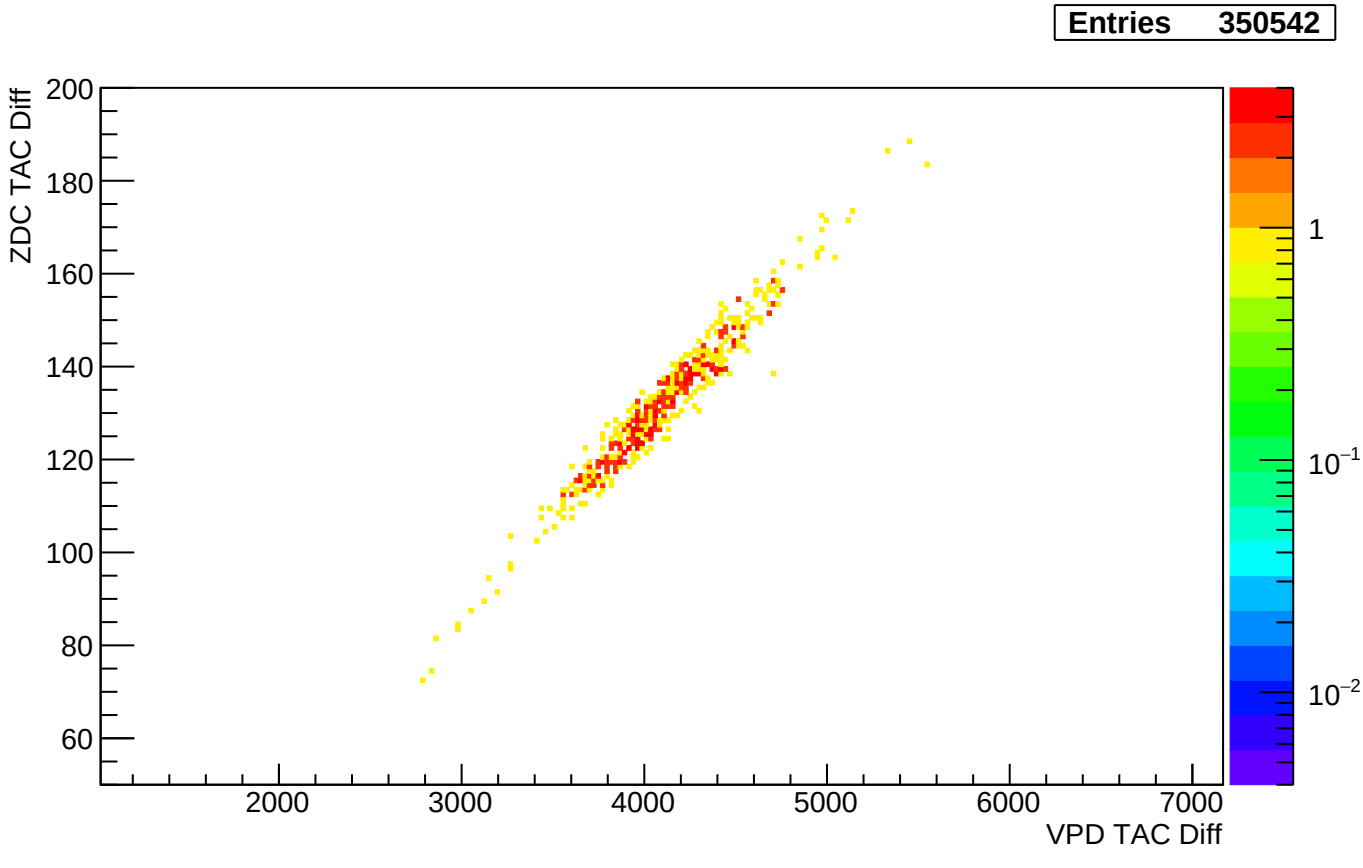

Entries 350542
TOF-Mult
EPD-East Hit Cnt

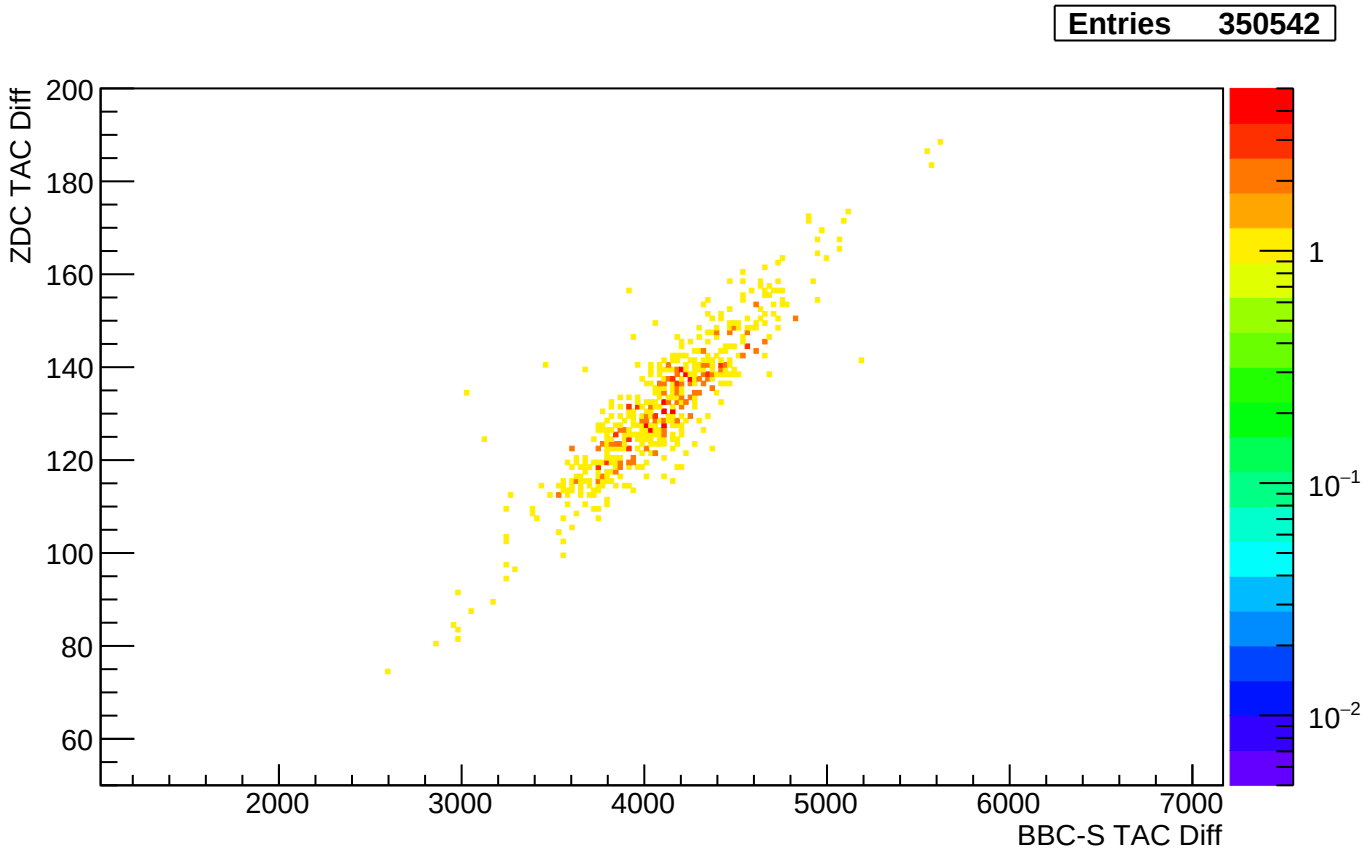

Entries 350542
TOF-Mult
EPD-West Hit Cnt

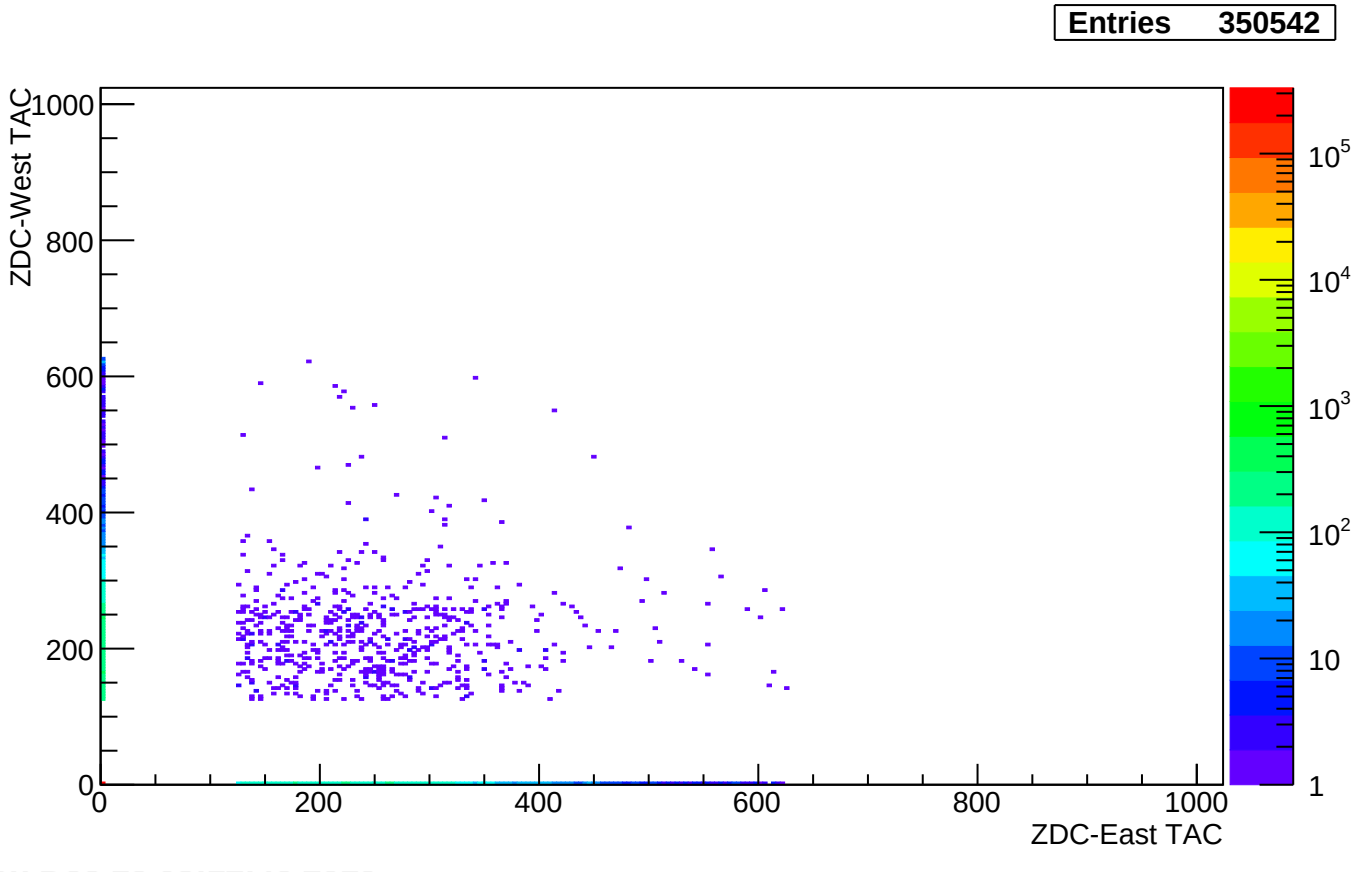

Entries 350542
TOF-Mult
VPD-East ADC Sum

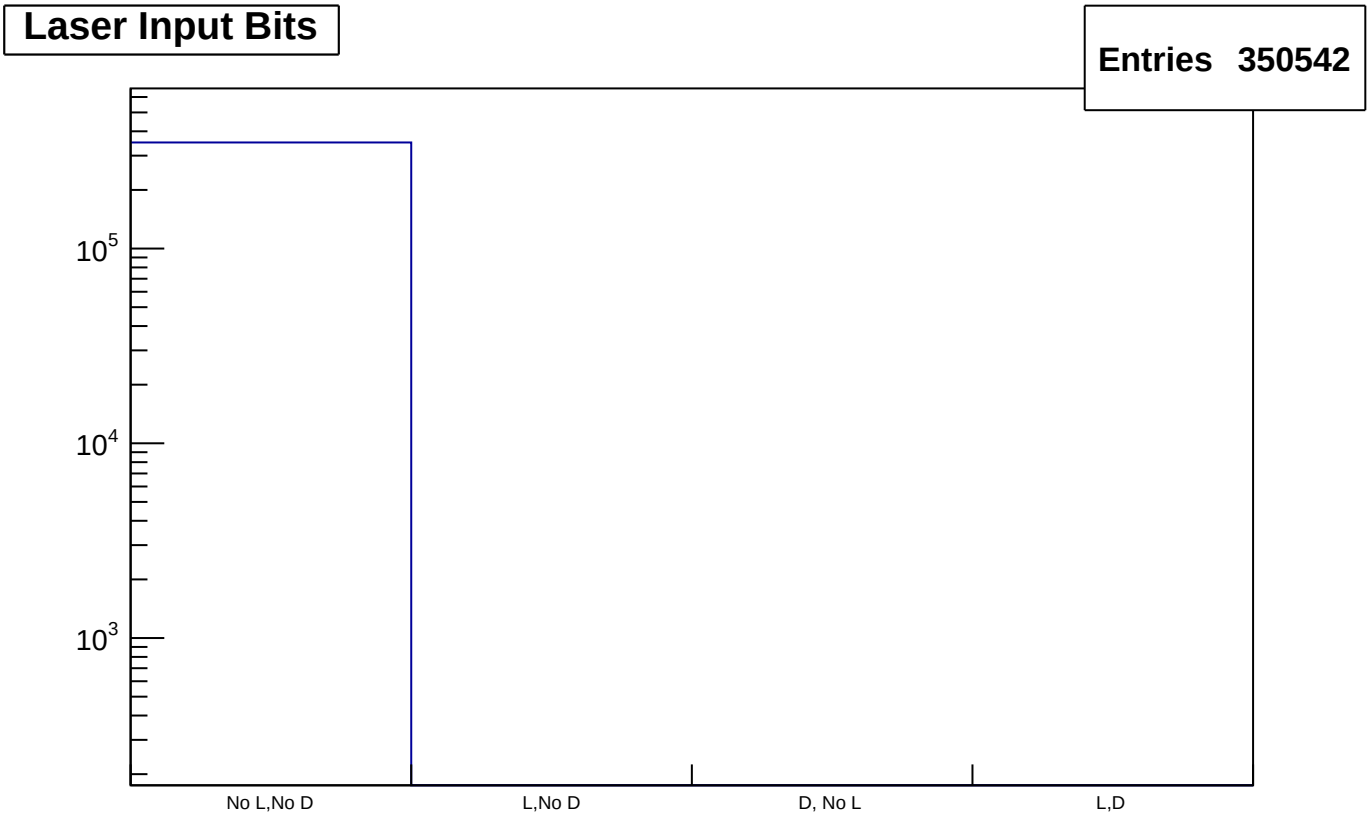

Entries 350542
TOF-Mult
VPD-West ADC Sum

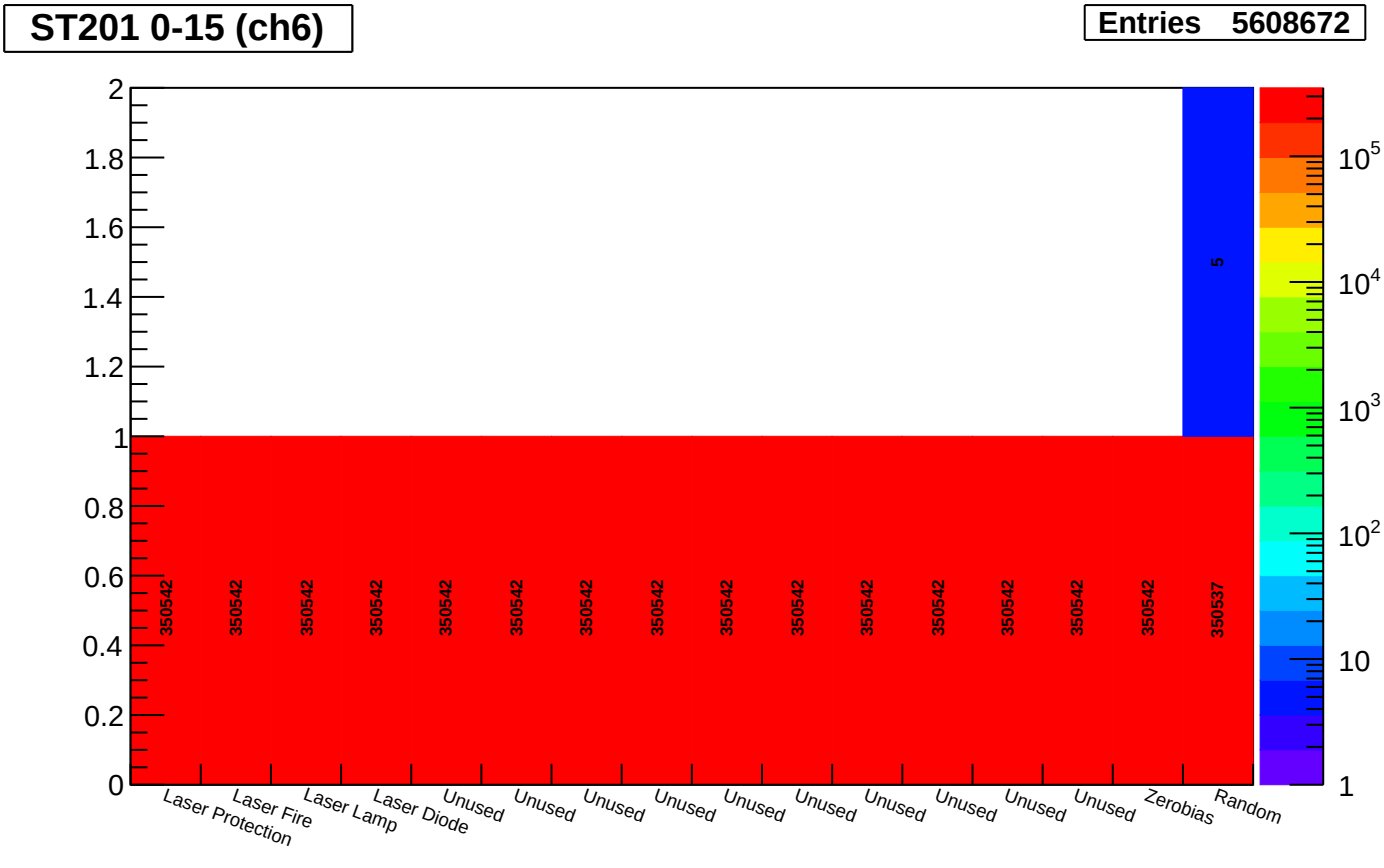

Entries 350542
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

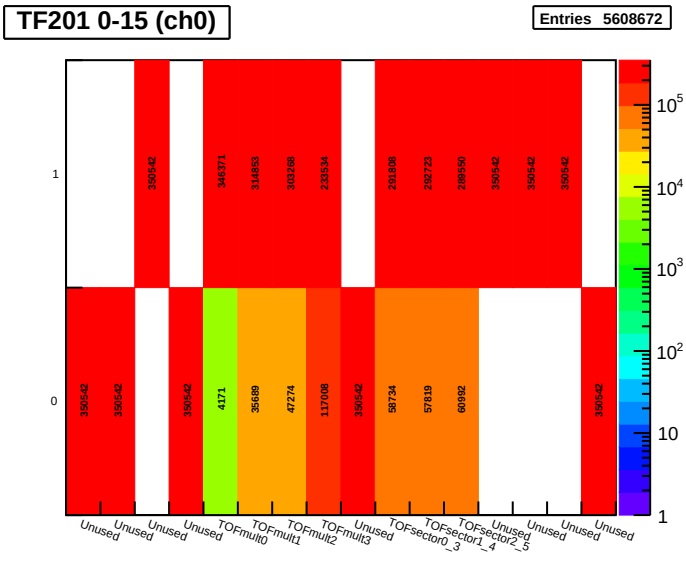

Entries 350542
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

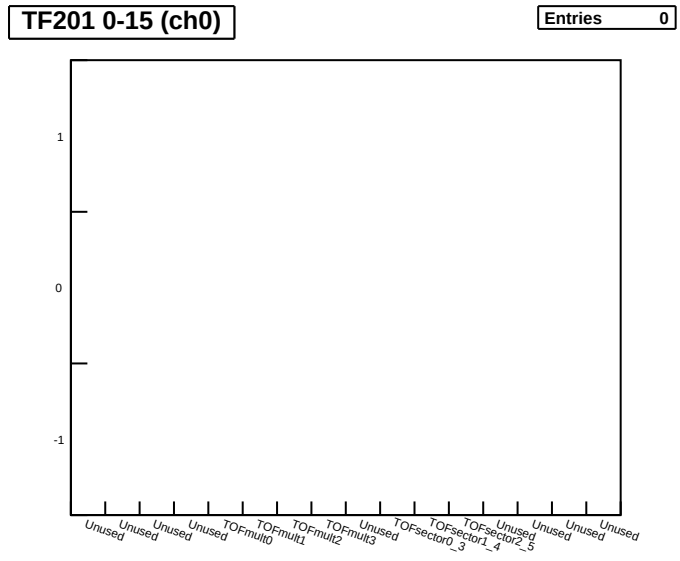

Entries 350542
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

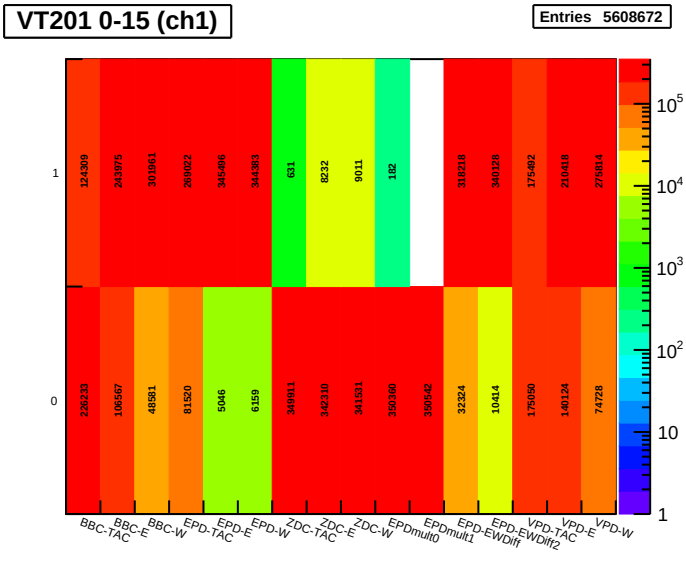

Entries 350542
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

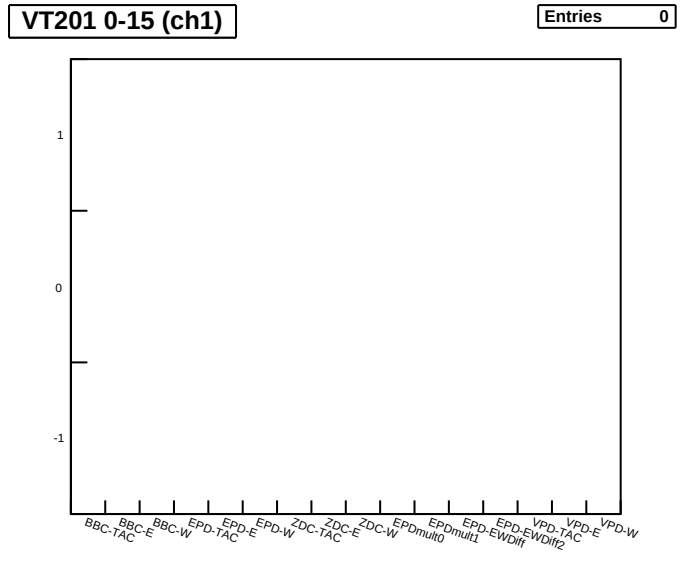

Laser Input Bits
Entries 350542
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

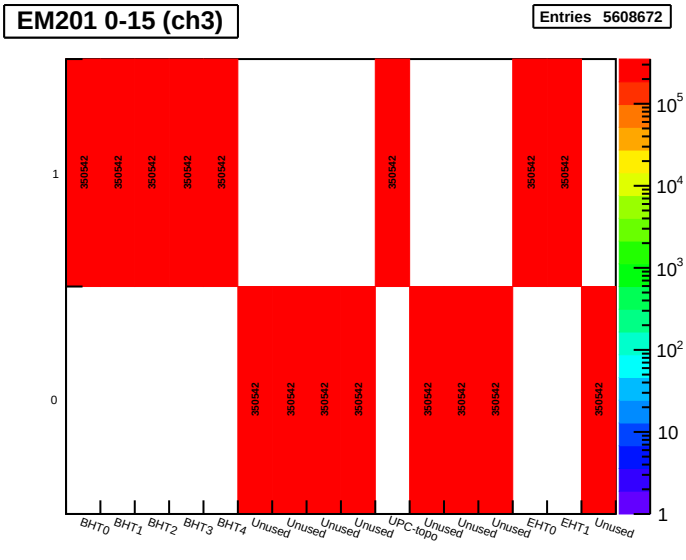

ST201 0-15 (ch6)
Entries 5608672
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
350542
350537
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

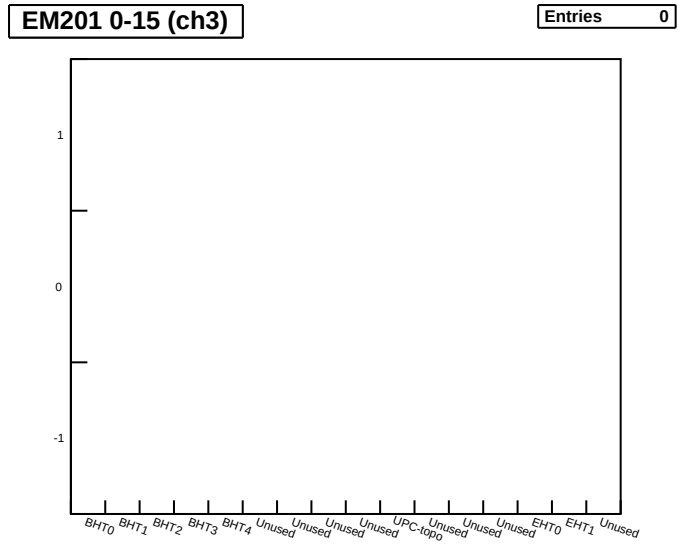

TF201 0-15 (ch0)
Entries 5608672
1
0
350542
346371
314853
303268
233534
291808
292723
289550
350542
350542
350542
350542
350542
350542
350542
4171
35689
47274
117008
350542
58734
57819
60992
350542
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 5608672
1
0
124309
243975
301961
269022
345486
344383
631
8232
9011
182
318218
340128
175492
210418
275814
226233
106567
48581
81520
5046
6159
349011
342310
341531
350360
350542
32324
10414
175050
140124
74728
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 5608672
1
0
350542
350542
350542
350542
350542
350542
350542
350542
350542
350542
350542
350542
350542
350542
350542
350542
350542
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