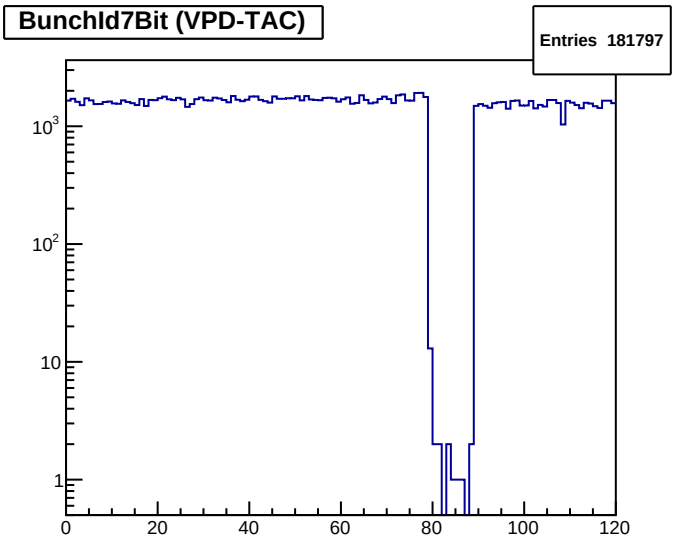
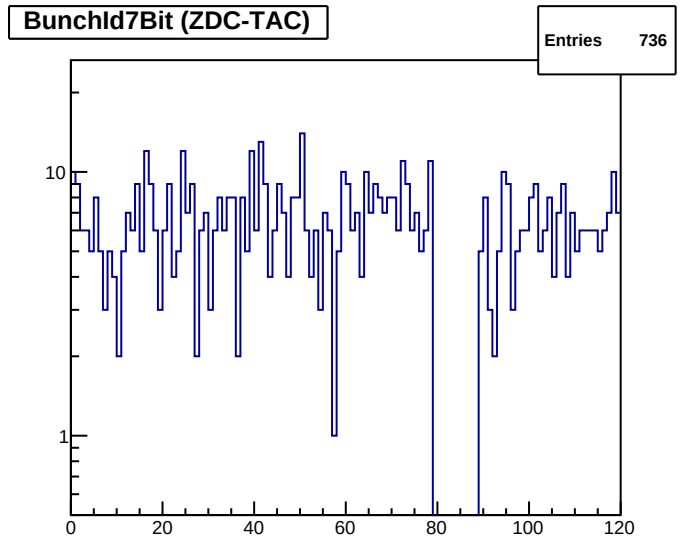
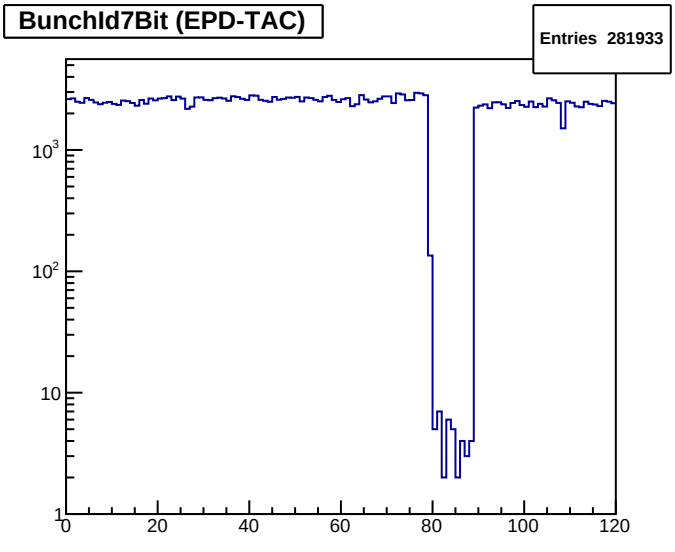
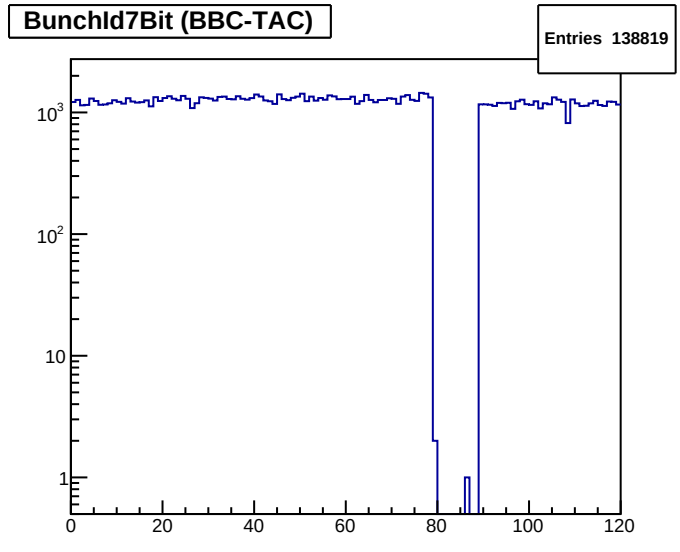
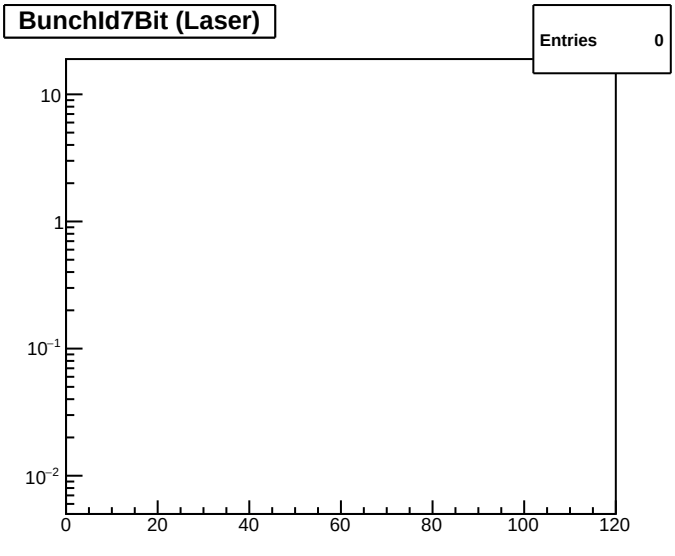
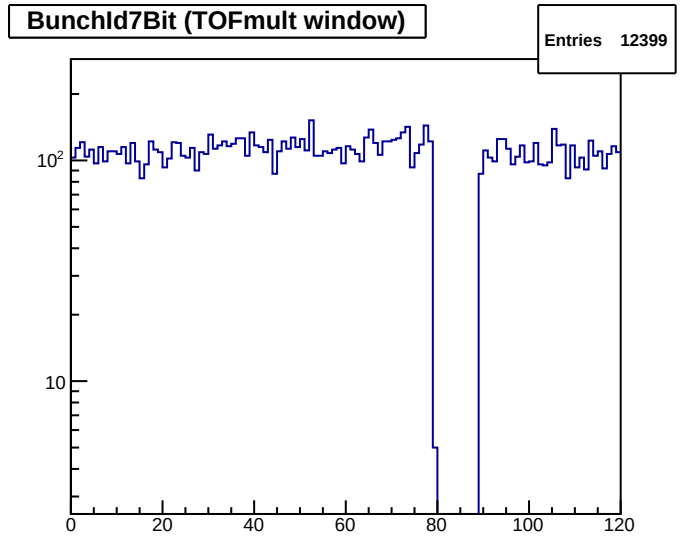

BunchId7Bit (VPD-TAC)
Entries 181797

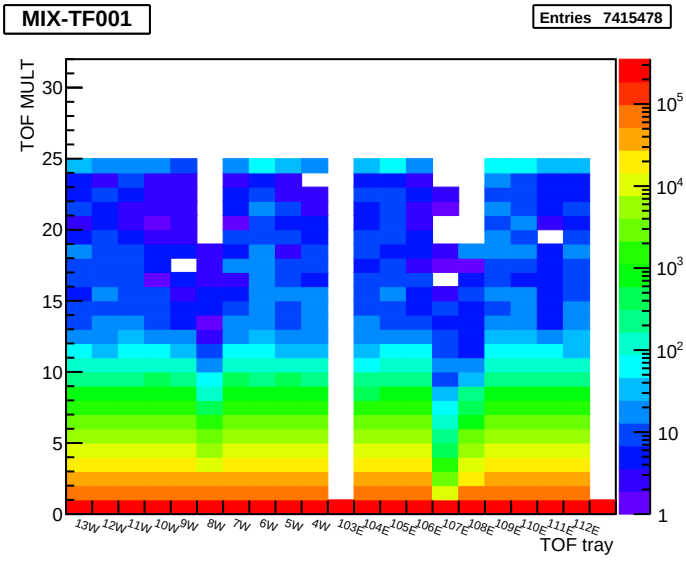

BunchId7Bit (ZDC-TAC)
Entries 736

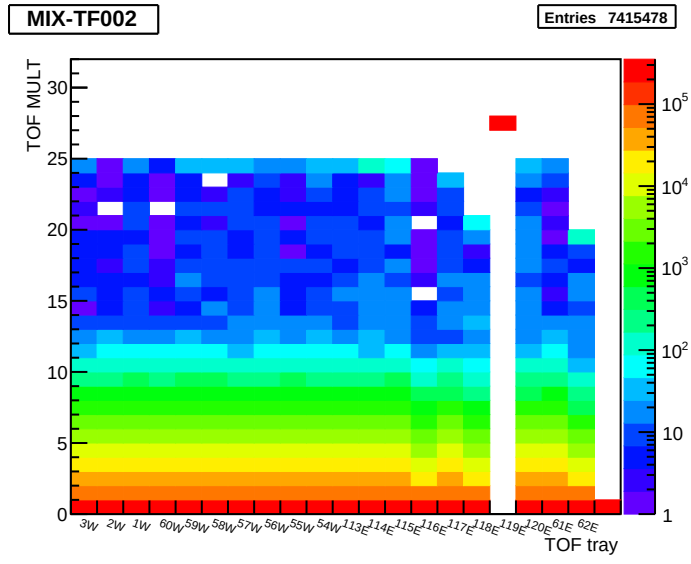

BunchId7Bit (EPD-TAC)
Entries 281933

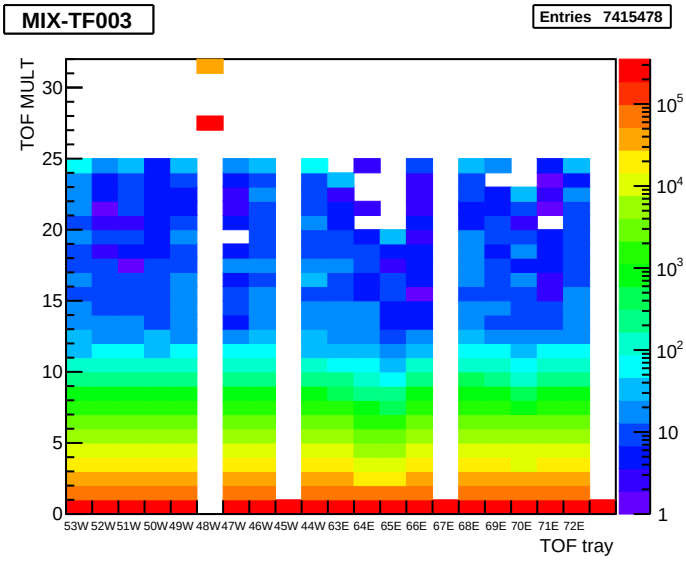

BunchId7Bit (BBC-TAC)
Entries 138819

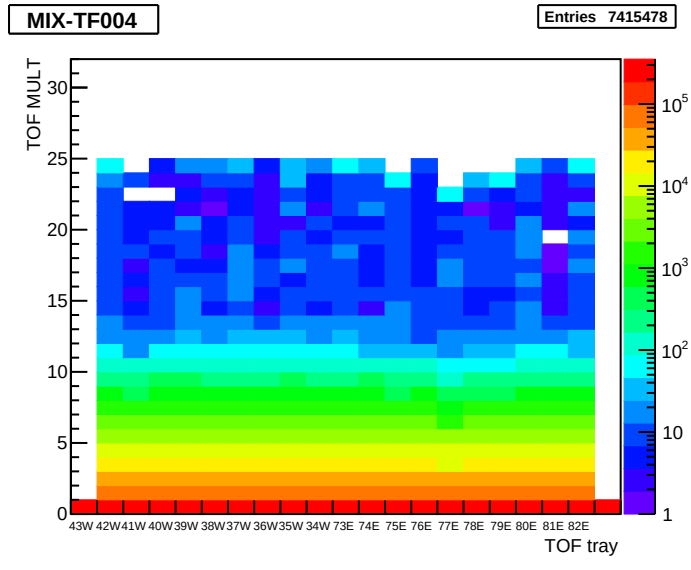

BunchId7Bit (Laser)
Entries 0

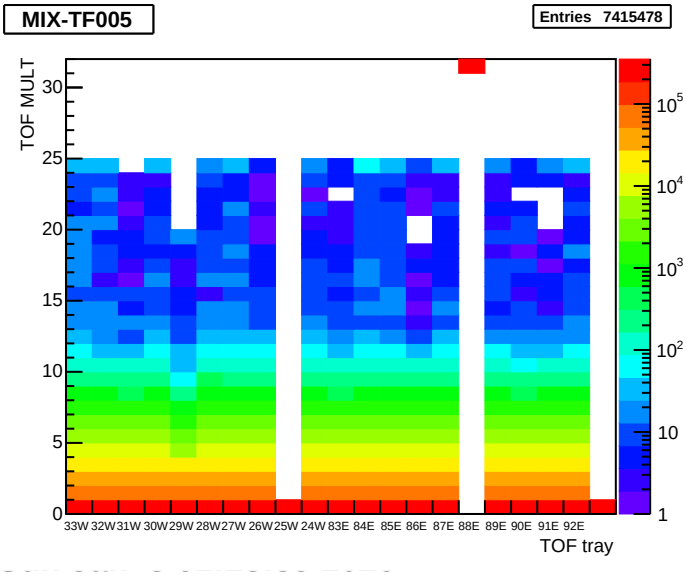

BunchId7Bit (TOFmult window)
Entries 12399

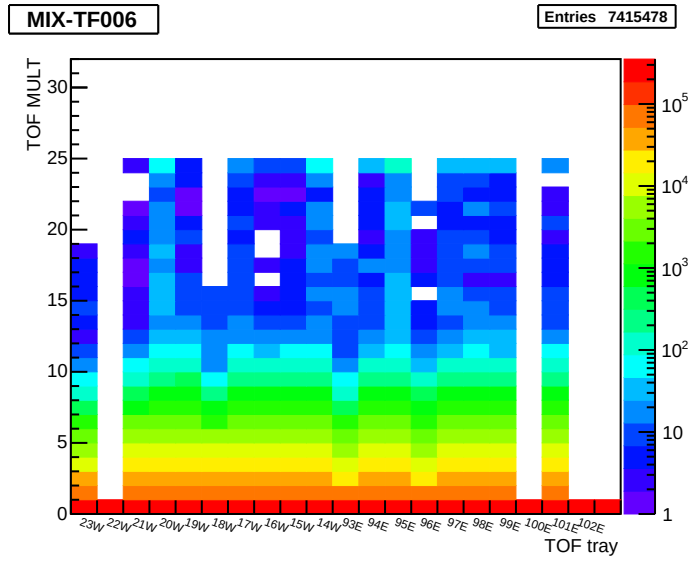

MIX-TF001
Entries 7415478
TOF MULT
TOF tray

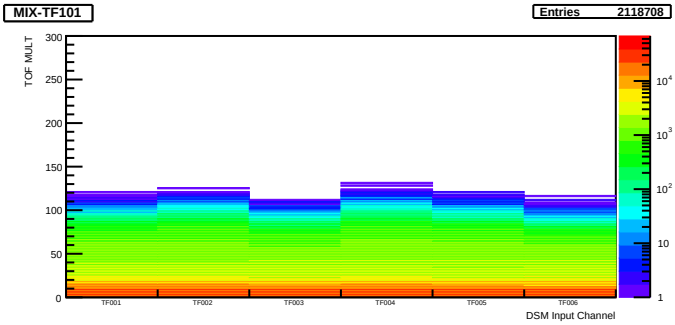

MIX-TF002
Entries 7415478
TOF MULT
TOF tray

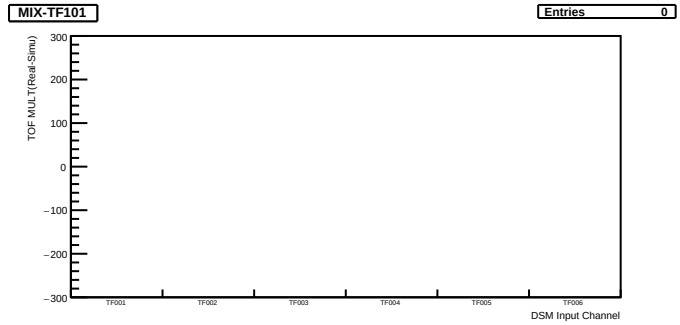

MIX-TF003
Entries 7415478
TOF MULT
TOF tray

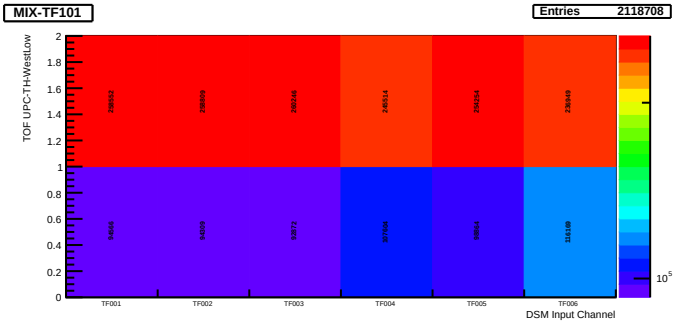

MIX-TF004
Entries 7415478
TOF MULT
TOF tray

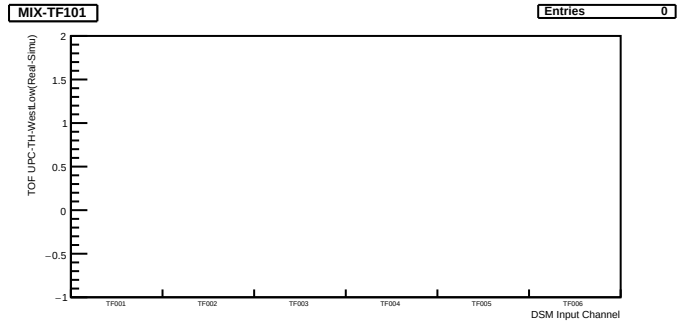

MIX-TF005
Entries 7415478
TOF MULT
TOF tray

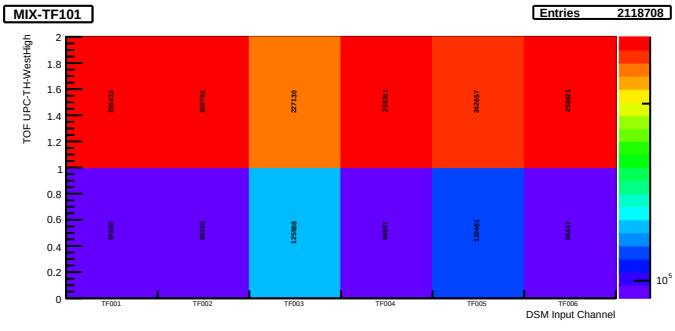

MIX-TF006
Entries 7415478
TOF MULT
TOF tray

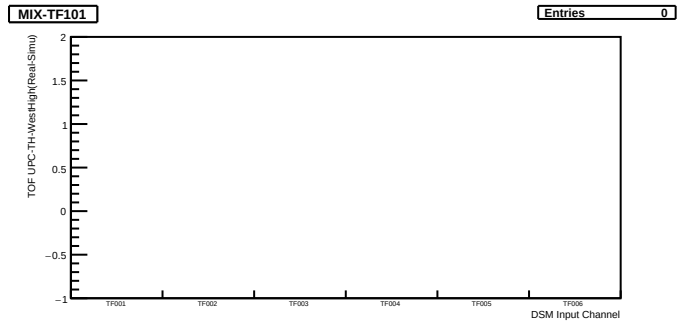

MIX-TF101
Entries 2118708
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

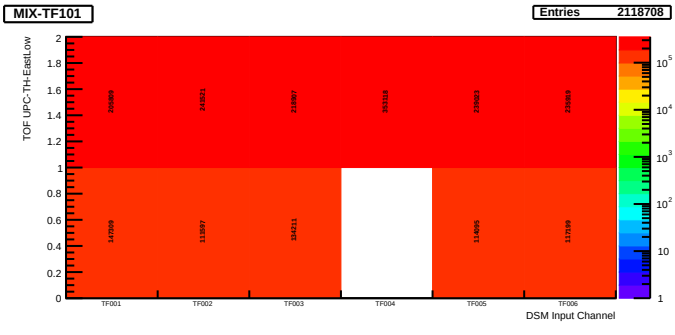

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

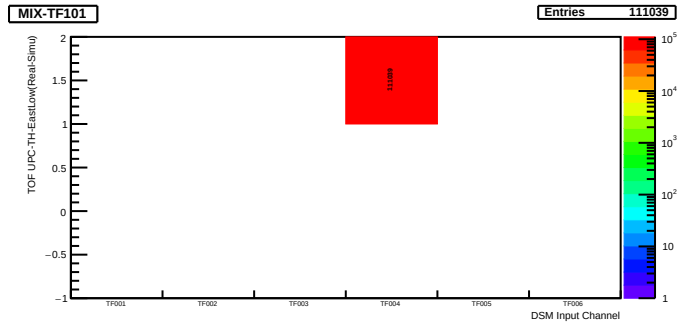

MIX-TF101
Entries 2118708
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

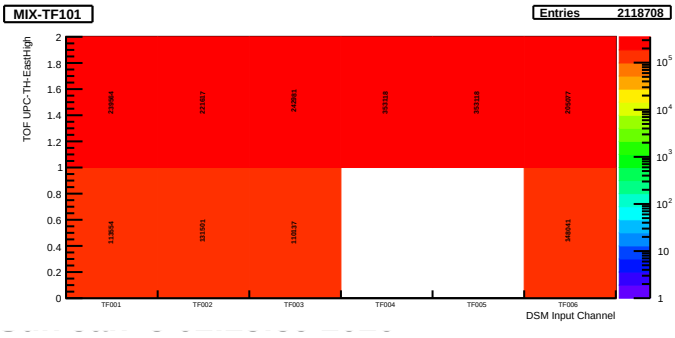

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

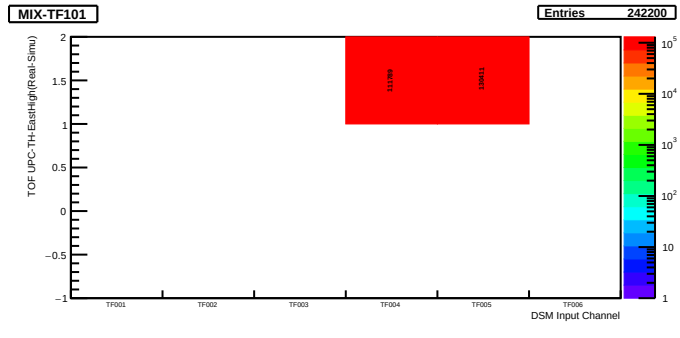

MIX-TF101
Entries 2118708
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

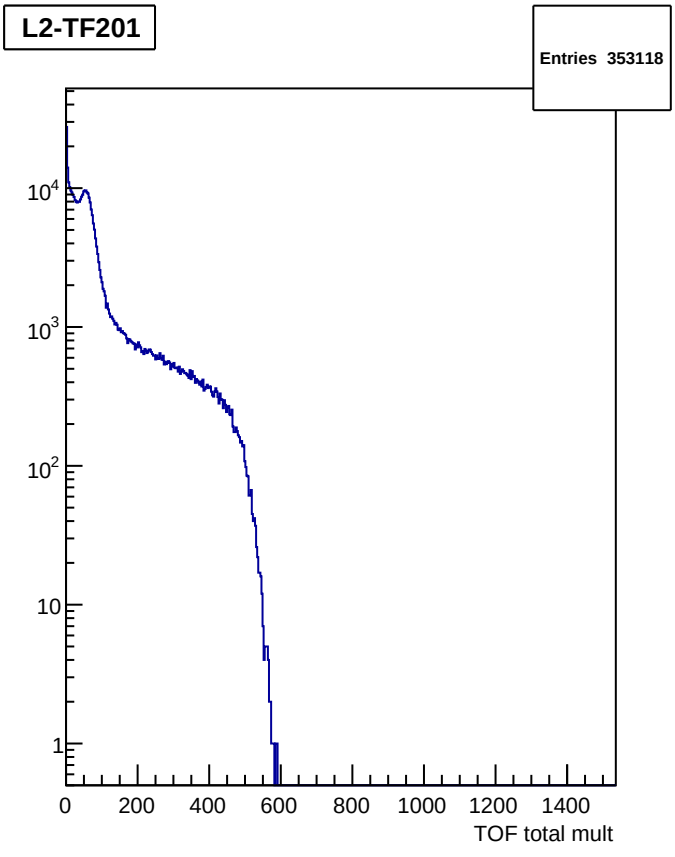

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

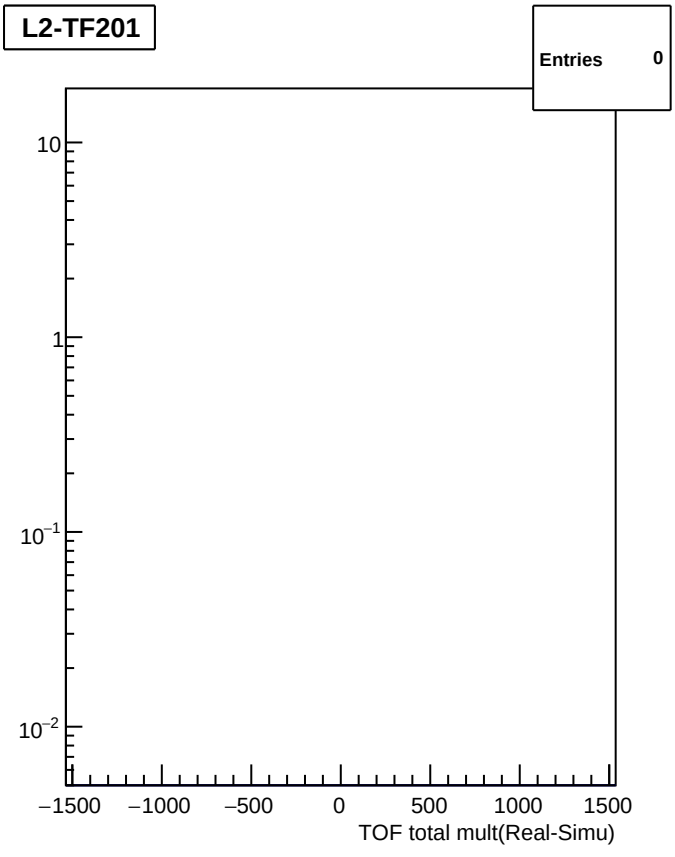

MIX-TF101
Entries 2118708
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

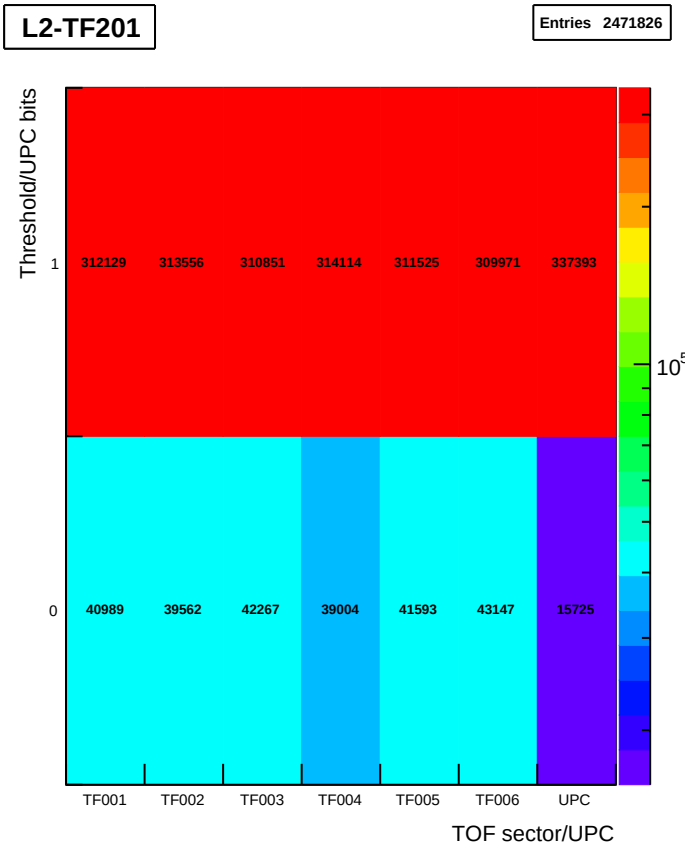

MIX-TF101
Entries 111039
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

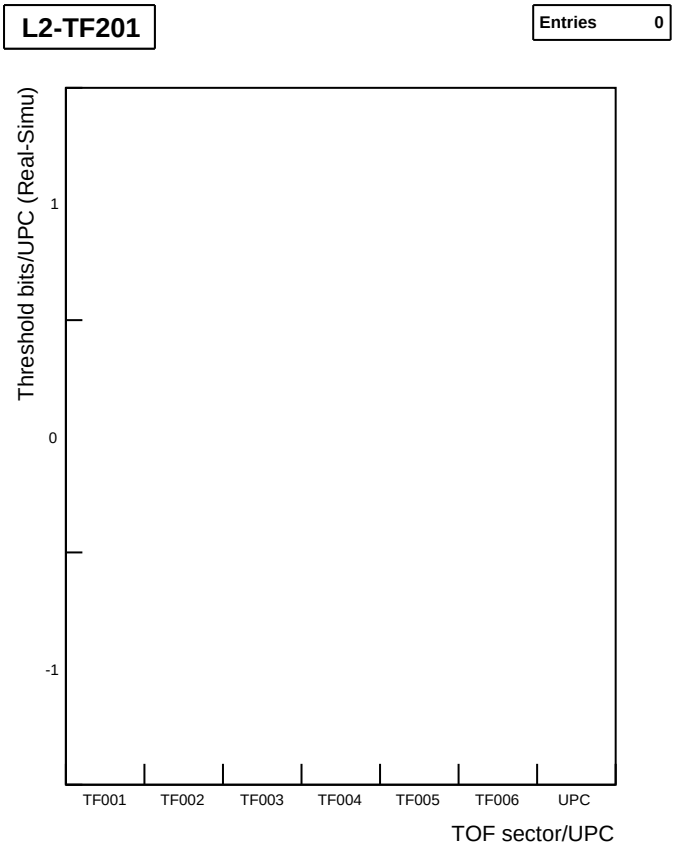

MIX-TF101
Entries 2118708
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

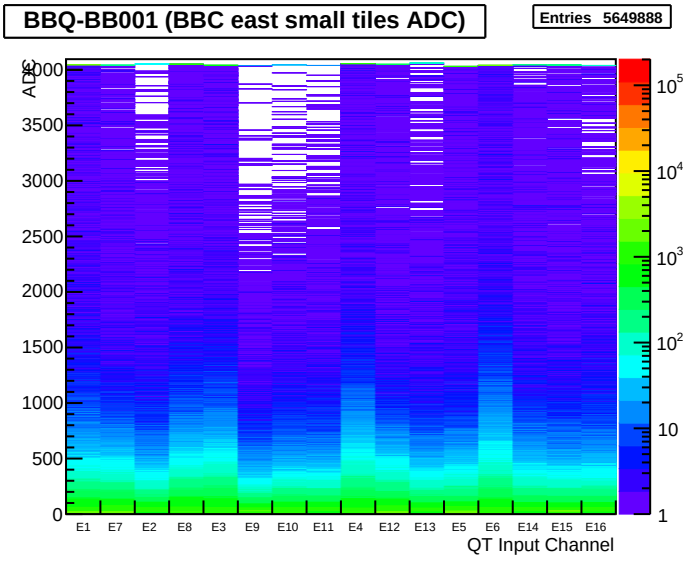

MIX-TF101
Entries 242200
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

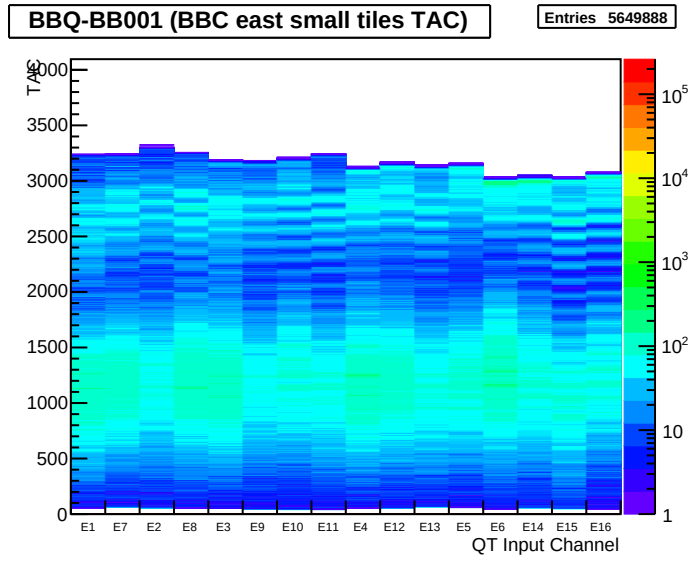

L2-TF201
Entries 353118
TOF total mult

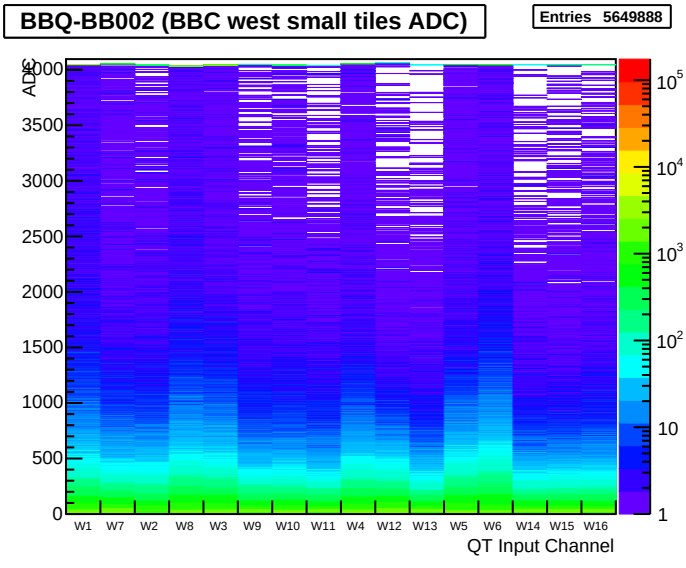

L2-TF201
Entries 0
TOF total mult(Real-Simu)

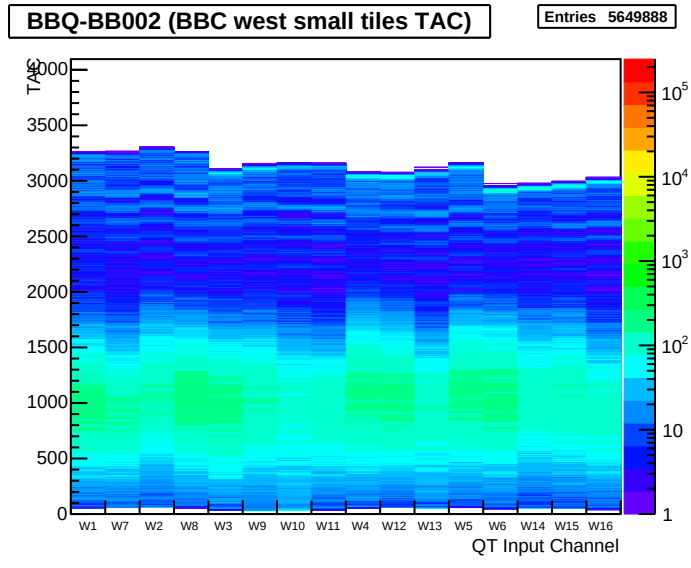

L2-TF201
Entries 2471826
Threshold/UPC bits
312129
313556
310851
314114
311525
309971
337393
40989
39562
42267
39004
41593
43147
15725
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

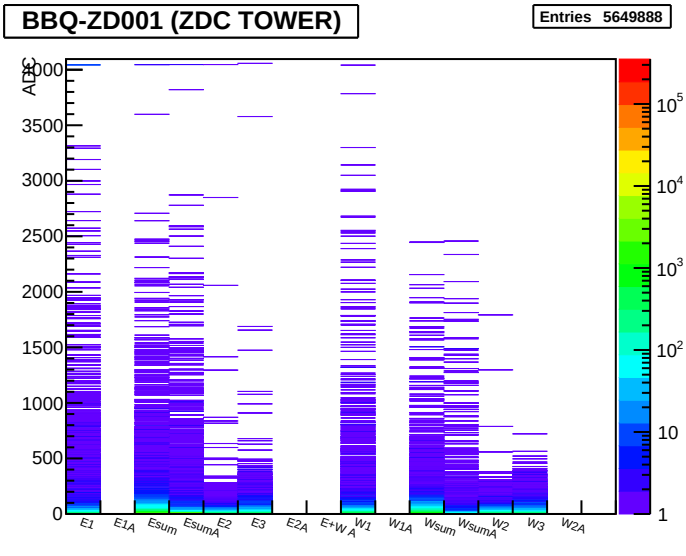

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

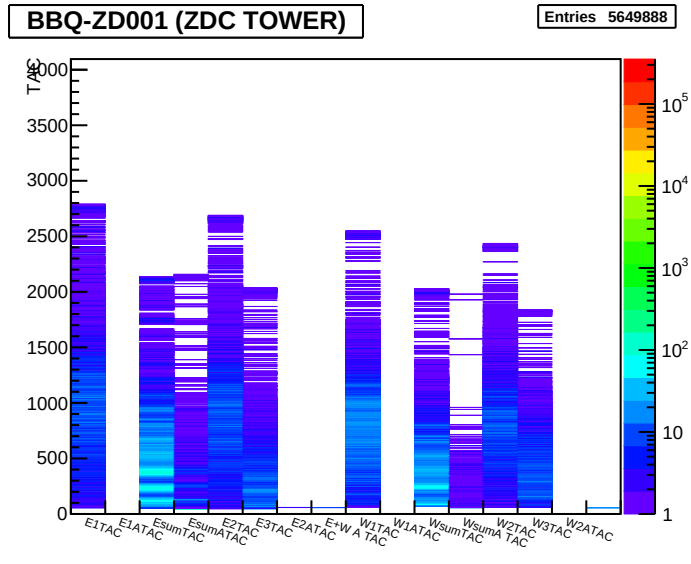

BBQ-BB001 (BBC east small tiles ADC)
Entries 5649888
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

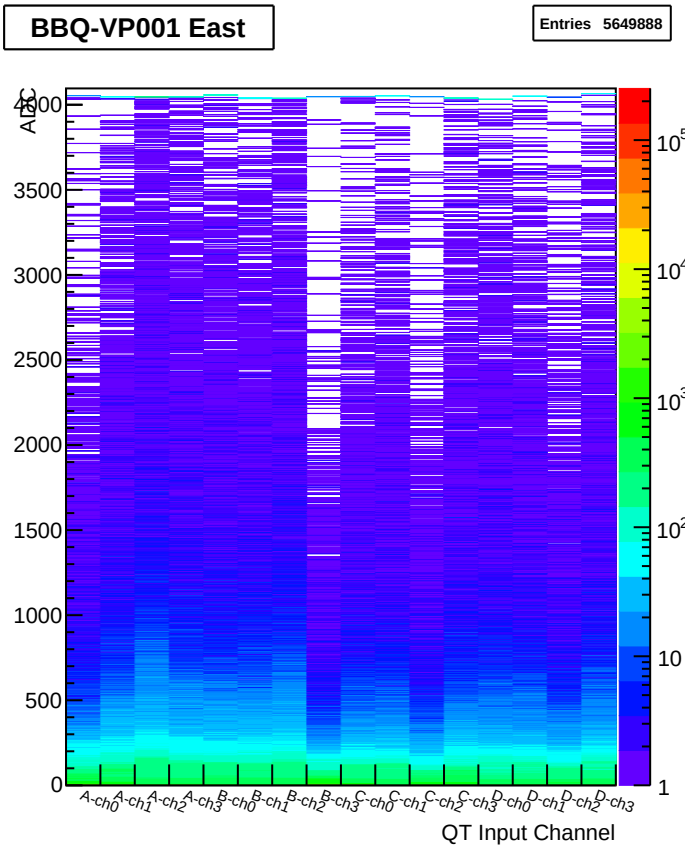

BBQ-BB001 (BBC east small tiles TAC)
Entries 5649888
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

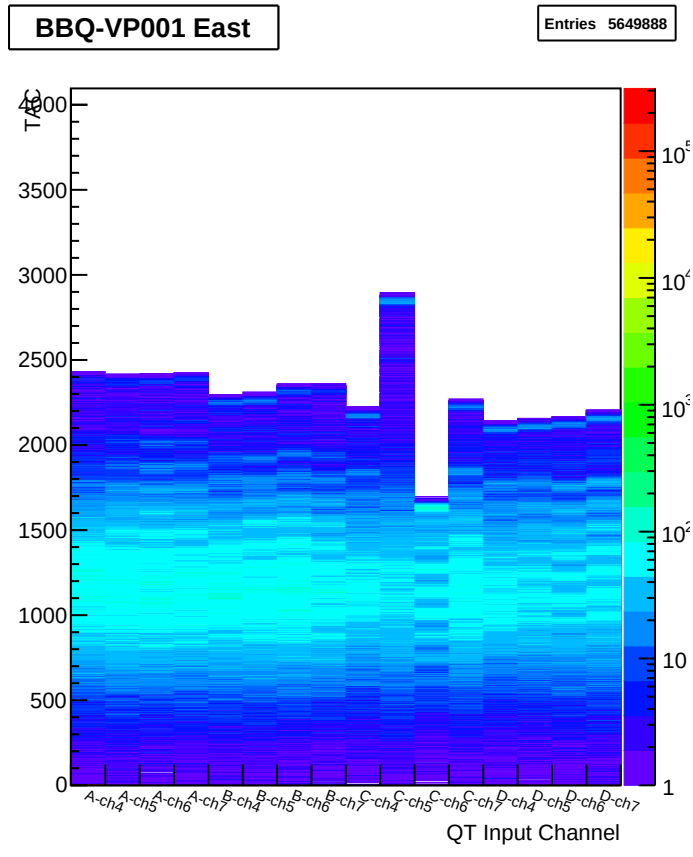

BBQ-BB002 (BBC west small tiles ADC)
Entries 5649888
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

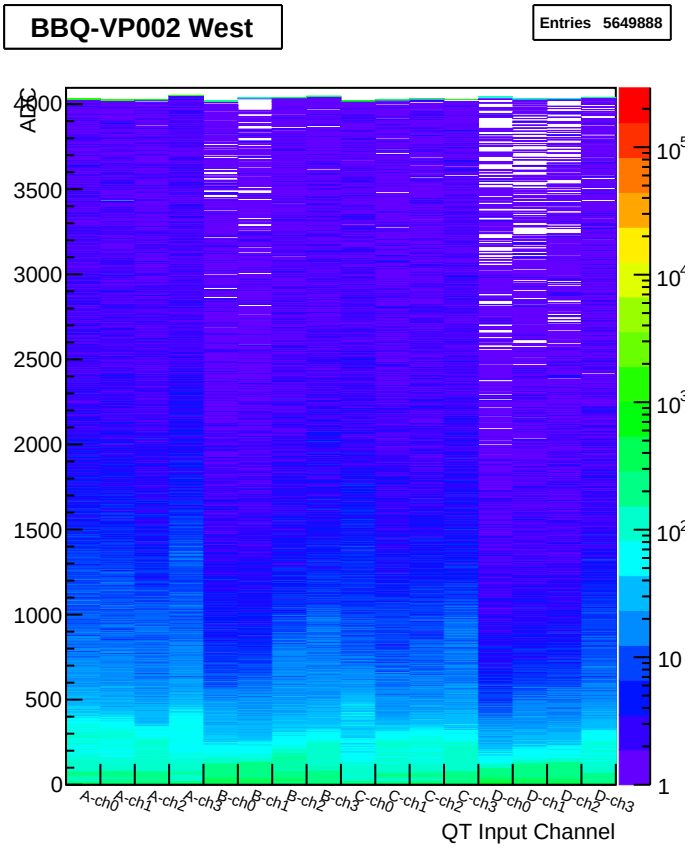

BBQ-BB002 (BBC west small tiles TAC)
Entries 5649888
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

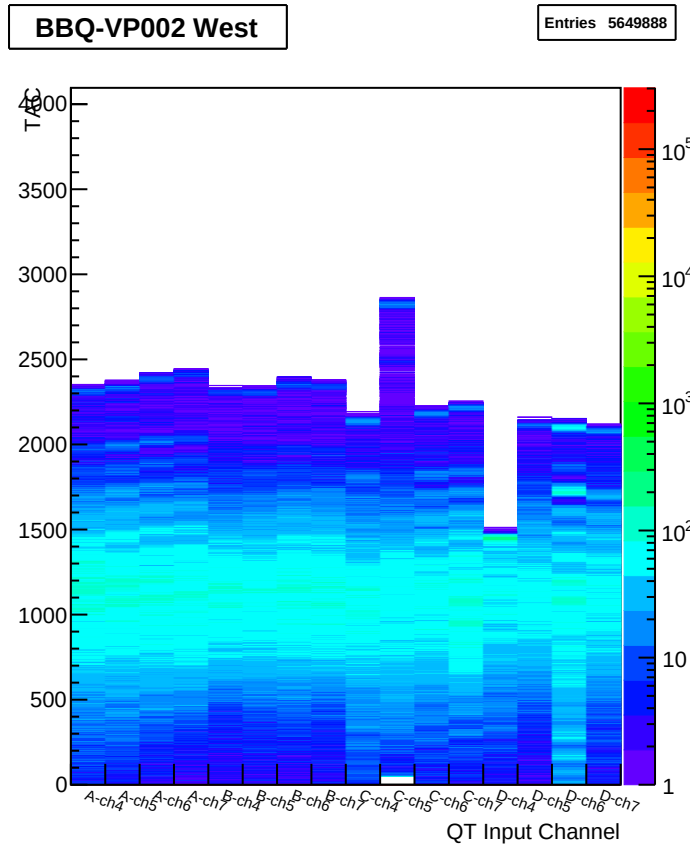

BBQ-ZD001 (ZDC TOWER)
Entries 5649888
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

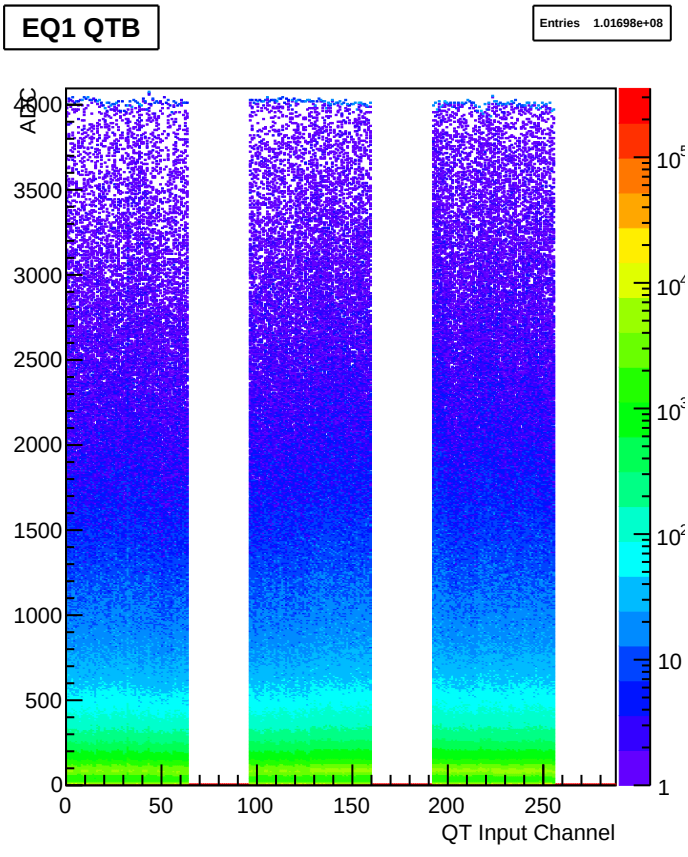

BBQ-ZD001 (ZDC TOWER)
Entries 5649888
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

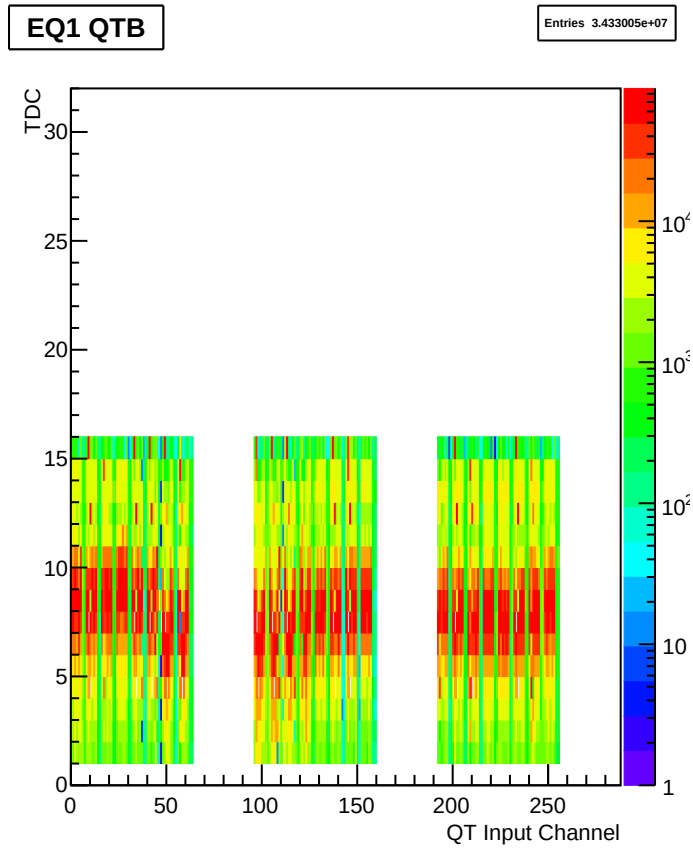

BBQ-VP001 East
Entries 5649888
ADC
QT Input Channel

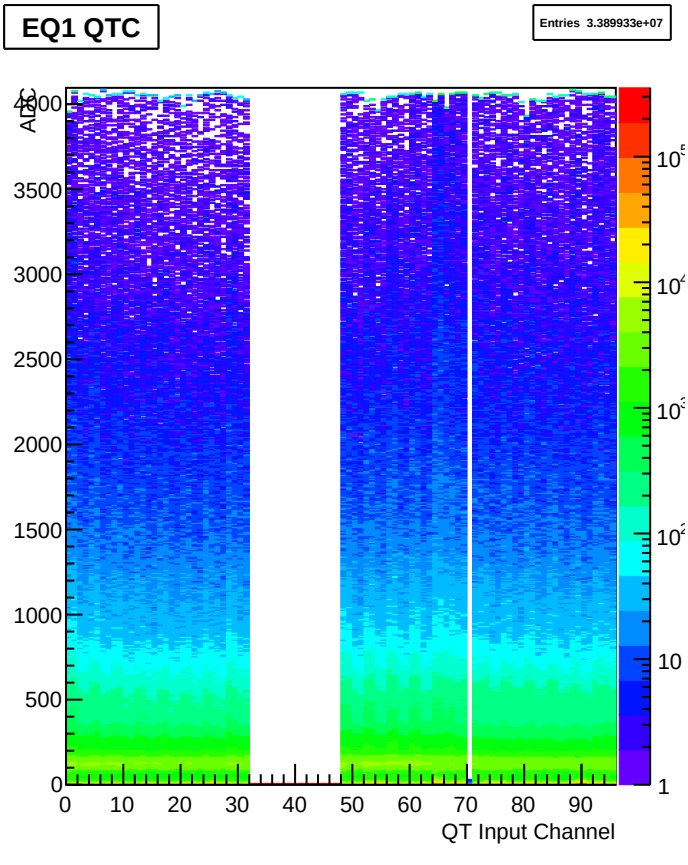

BBQ-VP001 East
Entries 5649888
TADC
QT Input Channel

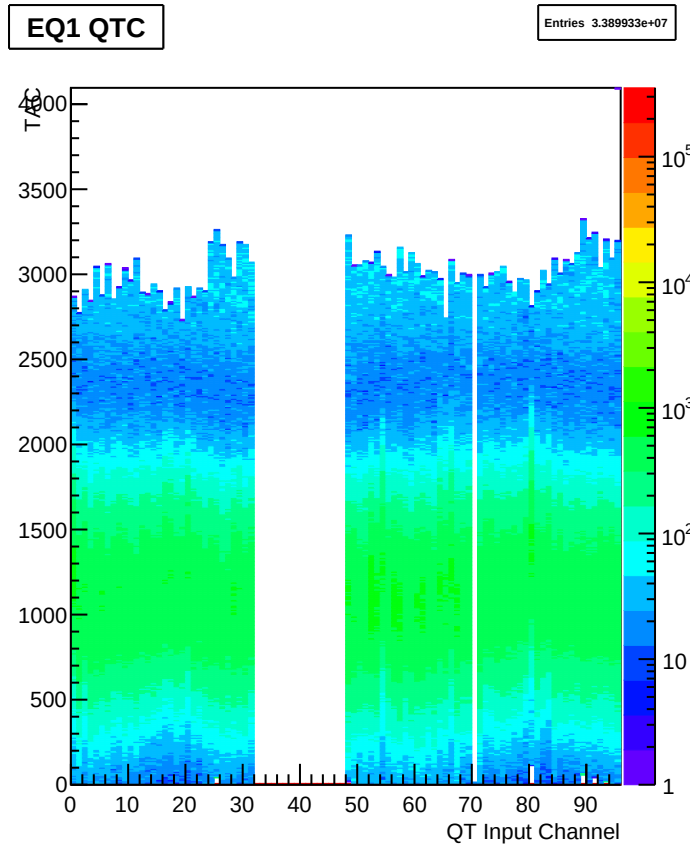

BBQ-VP002 West
Entries 5649888
ADC
QT Input Channel

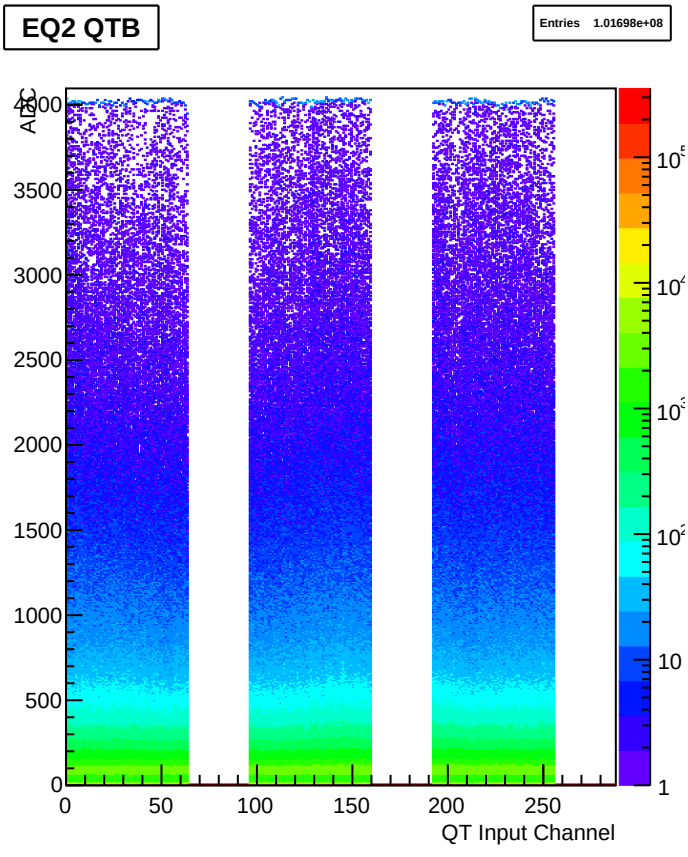

BBQ-VP002 West
Entries 5649888
TADC
QT Input Channel

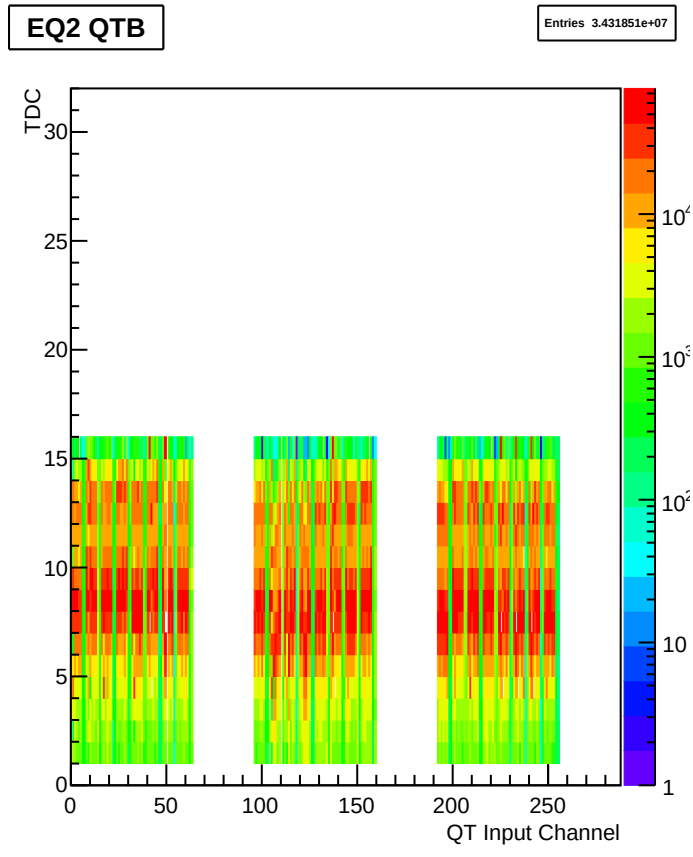

EQ1 QTB
Entries 1.01698e+08
ADC
QT Input Channel

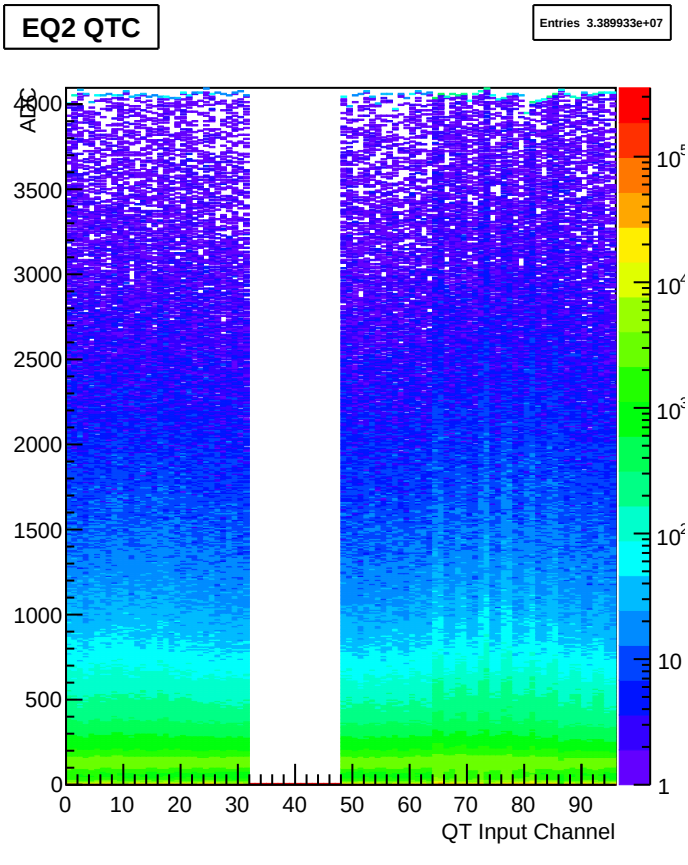

EQ1 QTB
Entries 3.433005e+07
TDC
QT Input Channel

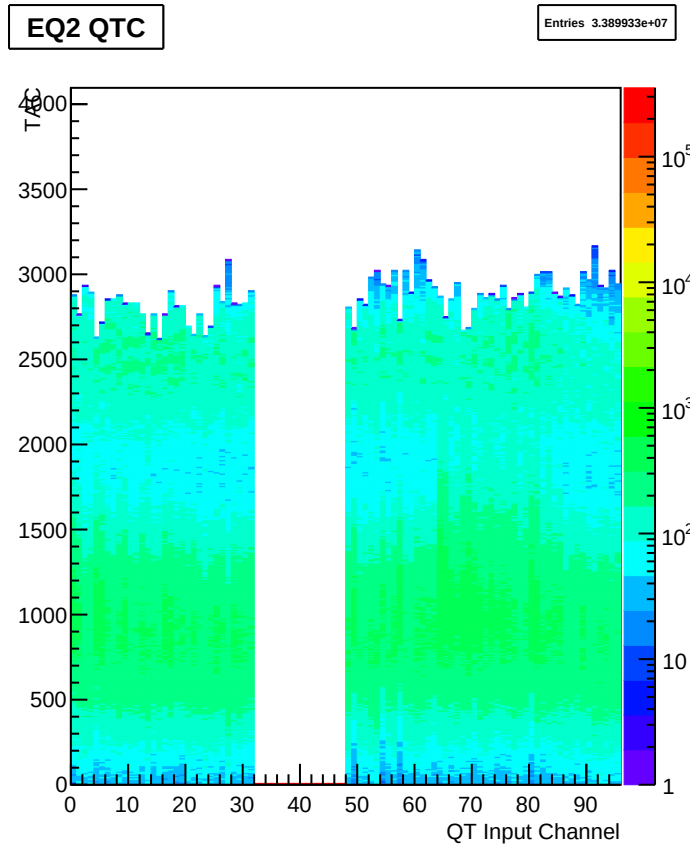

EQ1 QTC
Entries 3.389933e+07
ADC
QT Input Channel

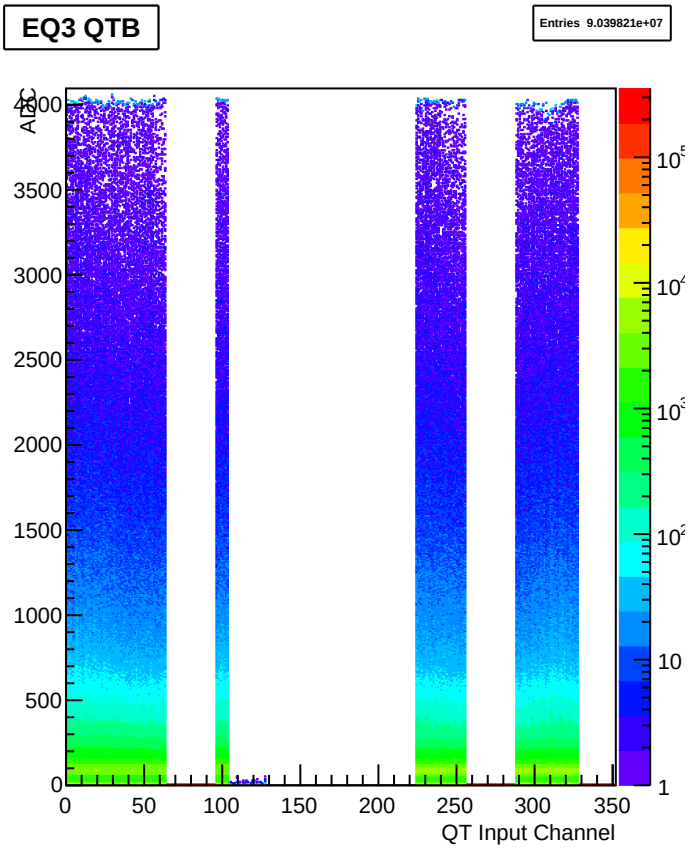

EQ1 QTC
Entries 3.389933e+07
TADC
QT Input Channel

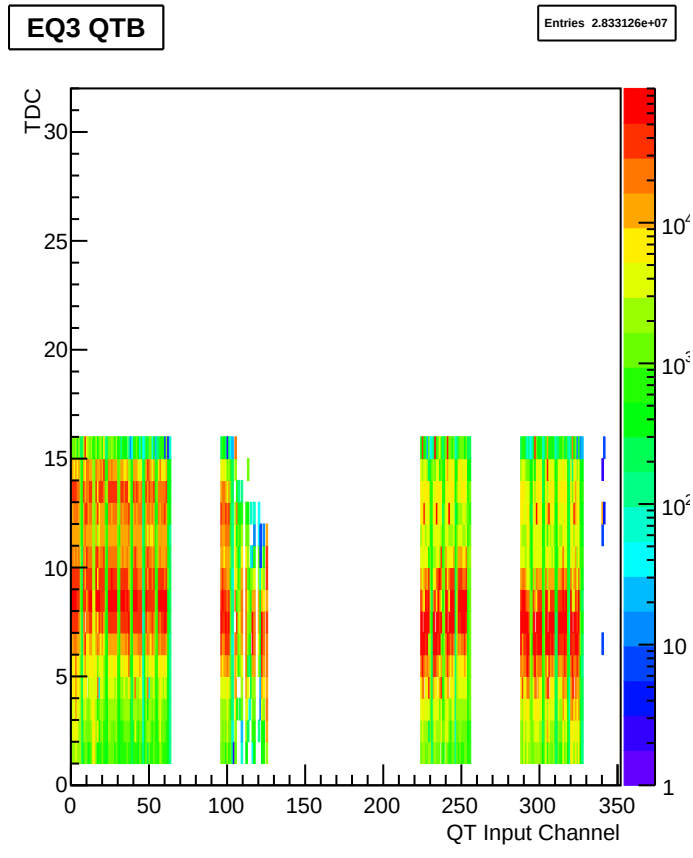

EQ2 QTB
Entries 1.01698e+08
ADC
QT Input Channel

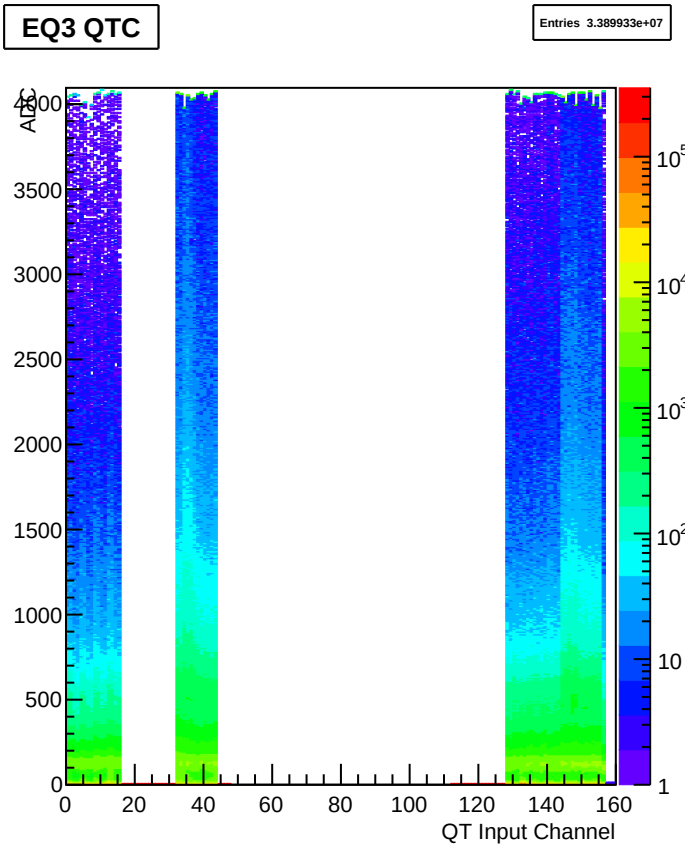

EQ2 QTB
Entries 3.431851e+07
TDC
QT Input Channel

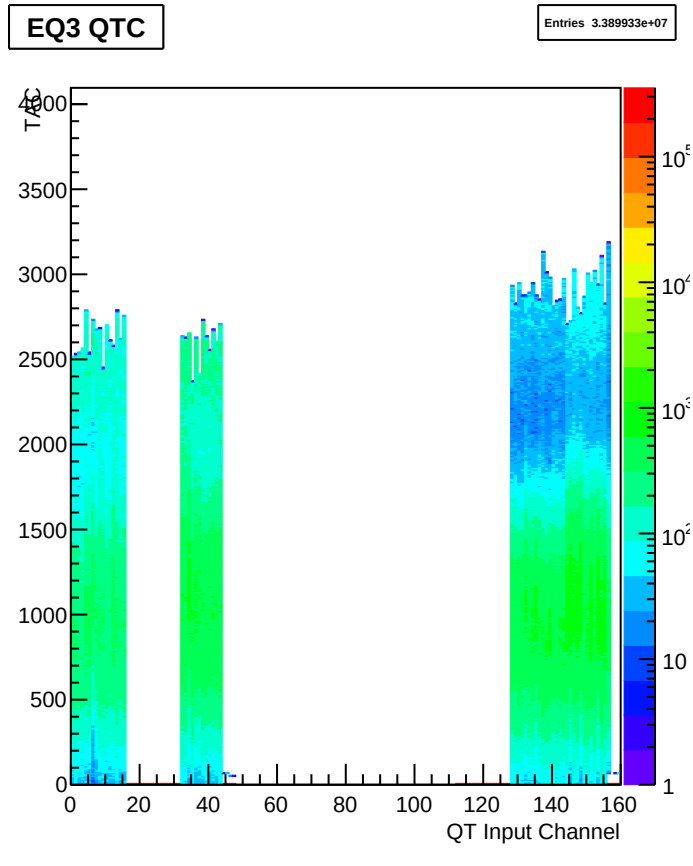

EQ2 QTC
Entries 3.389933e+07
ADC
QT Input Channel

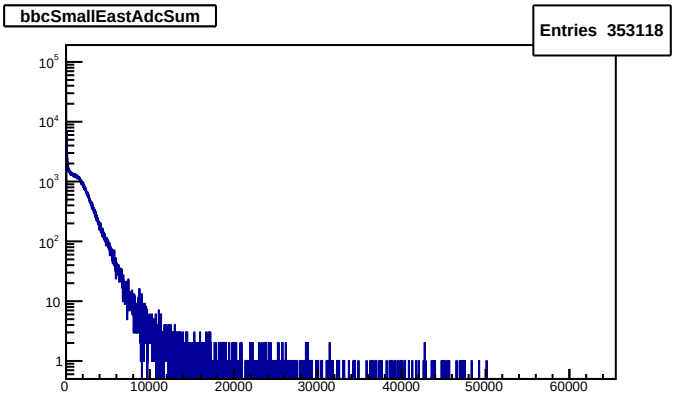

EQ2 QTC
Entries 3.389933e+07
TADC
QT Input Channel

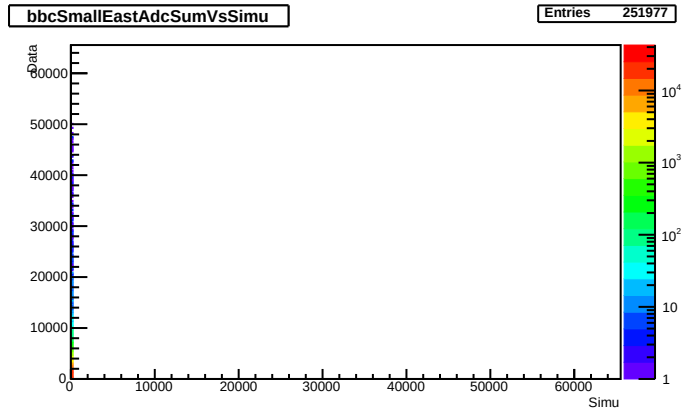

EQ3 QTB
Entries 9.039821e+07
ADC
QT Input Channel

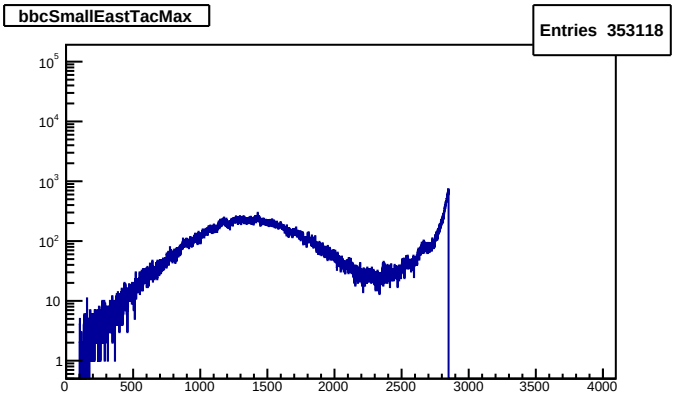

EQ3 QTB
Entries 2.833126e+07
TDC
QT Input Channel

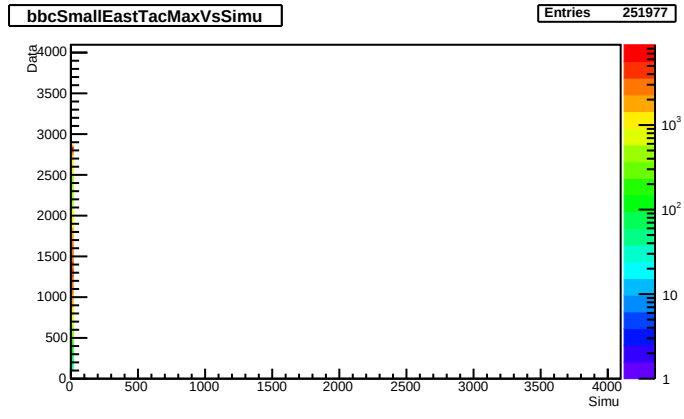

EQ3 QTC
Entries 3.389933e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.389933e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 353118


bbcSmallEastAdcSumVsSimu
Entries 251977
Data
Simu


bbcSmallEastTacMax
Entries 353118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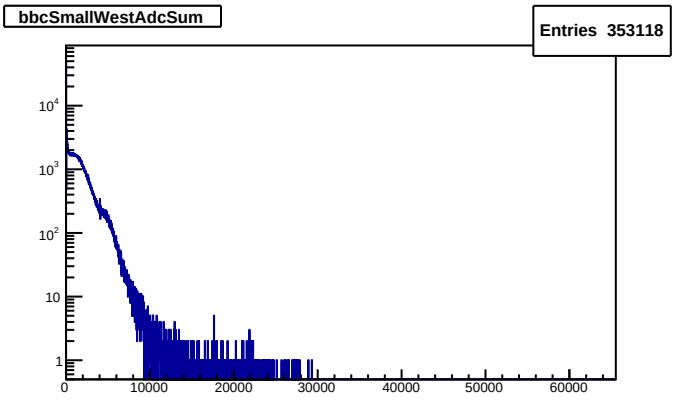
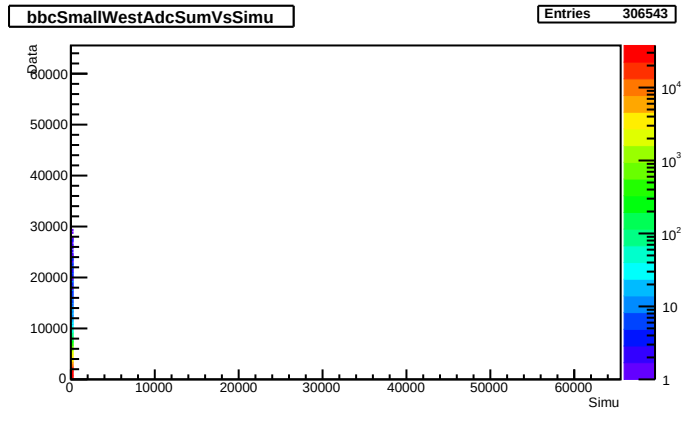
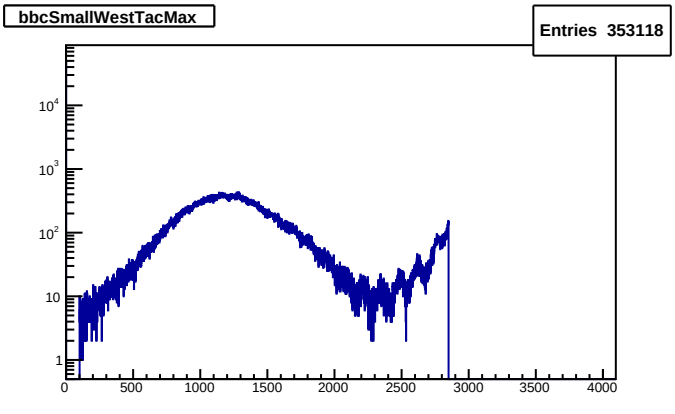
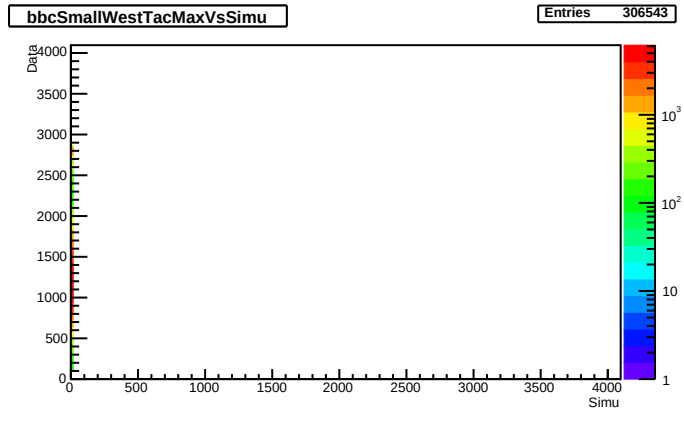
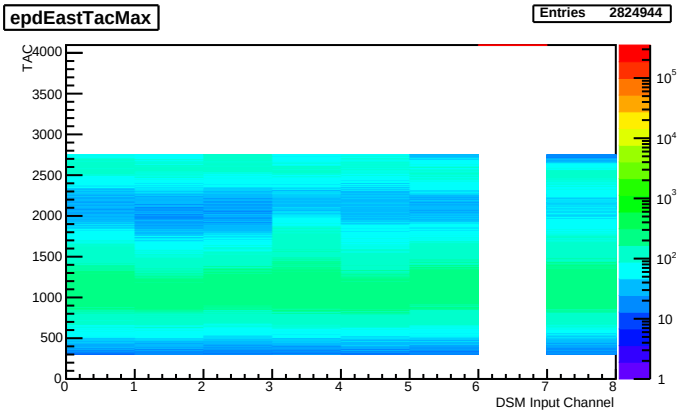
Entries 251977
Data
Simu

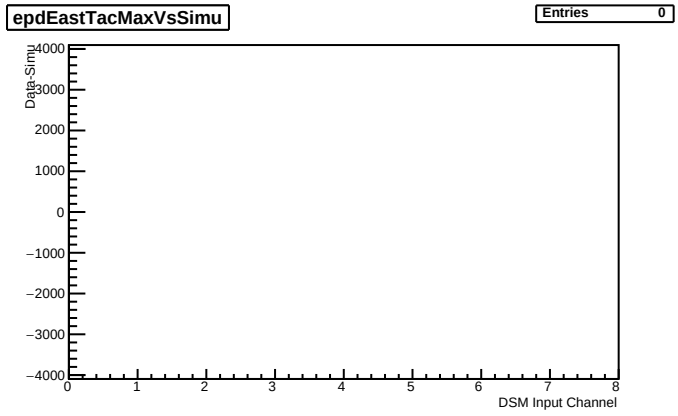

bbcSmallWestAdcSum
Entries 353118

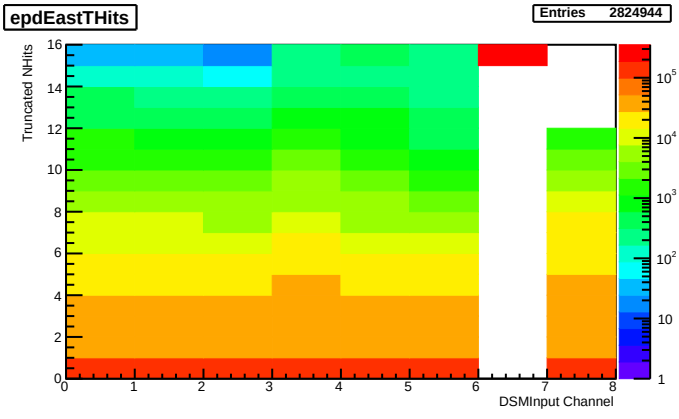

bbcSmallWestAdcSumVsSimu
Entries 306543
Data
Simu

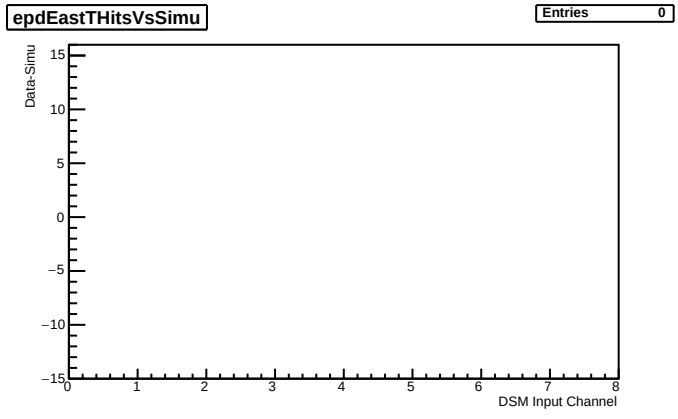

bbcSmallWestTacMax
Entries 353118


bbcSmallWestTacMaxVsSimu
Entries 306543
Data
Simu


epdEastTacMax
Entries 2824944
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2824944
Truncated NHits
DSMInput Channel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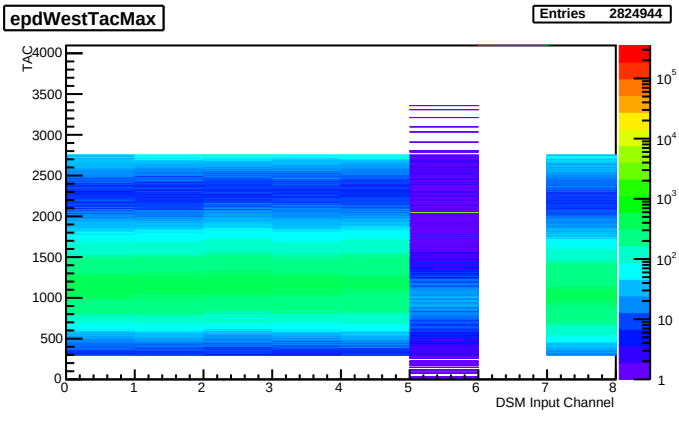
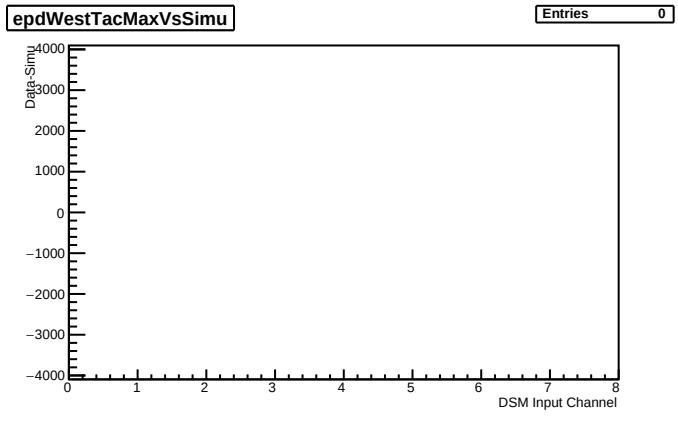
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2824944
TAC
DSM Input Channel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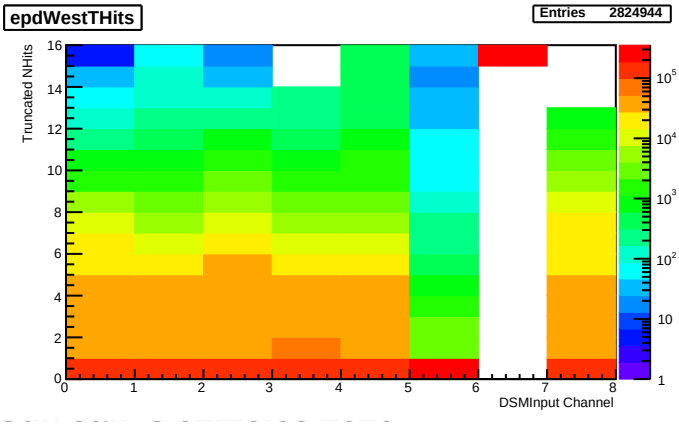
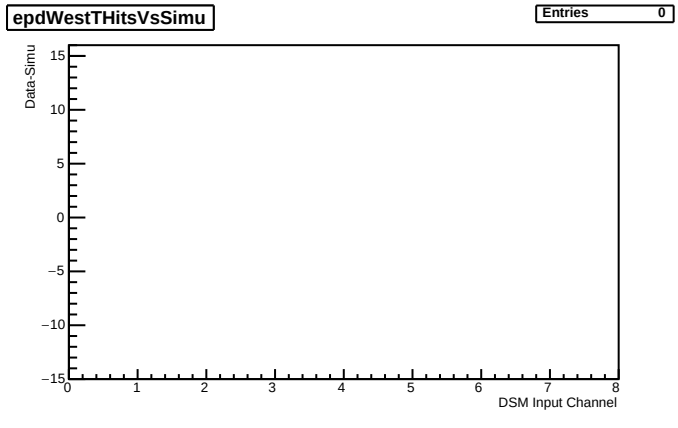
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2824944
Truncated NHits
DSMInput Channel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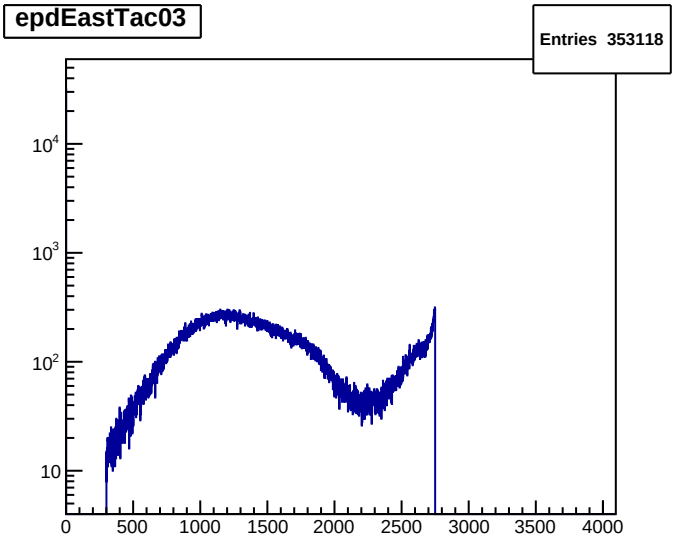
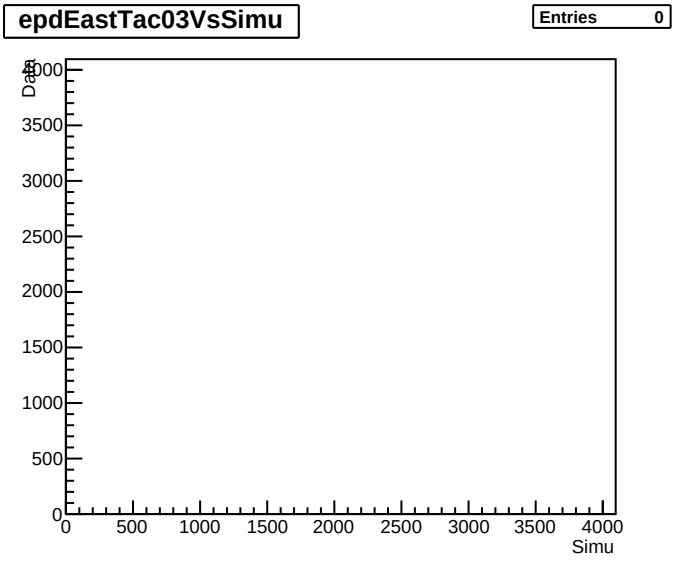
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 353118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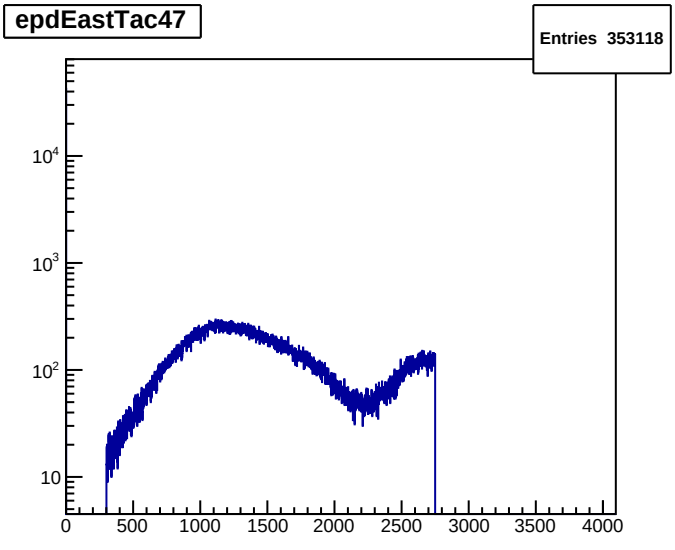
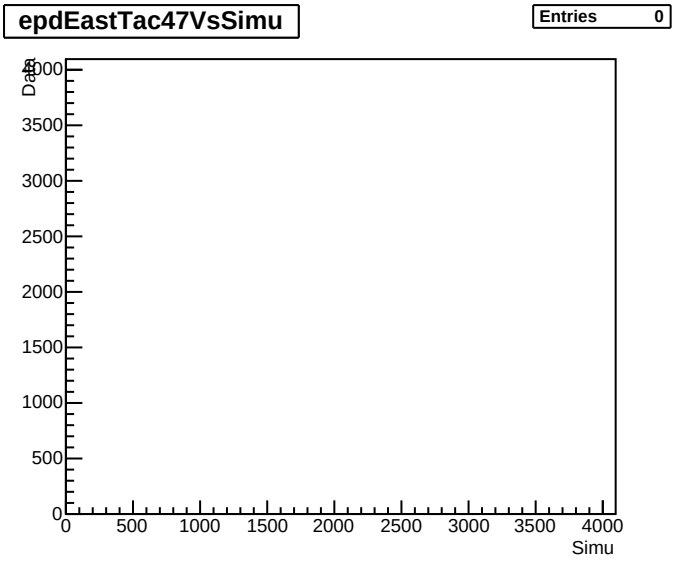
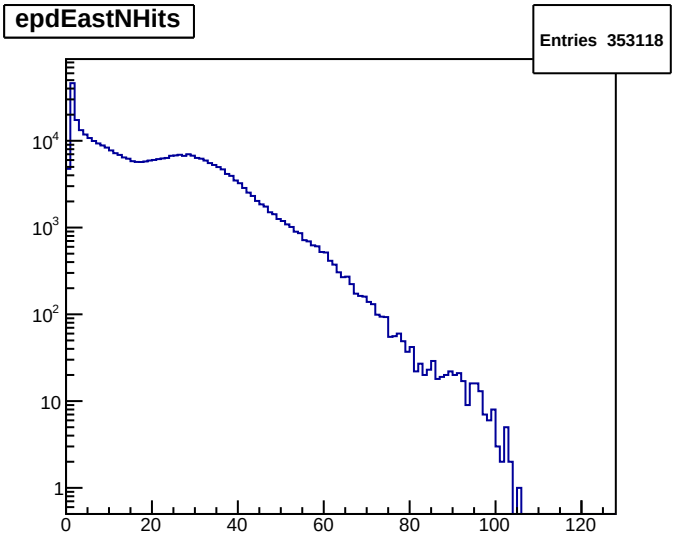
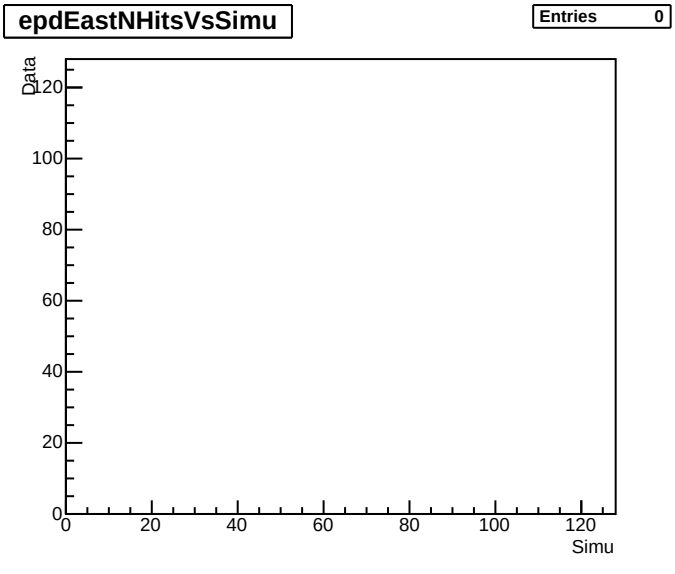
Entries 0
Data
Simu


epdEastTac47
Entries 353118


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 353118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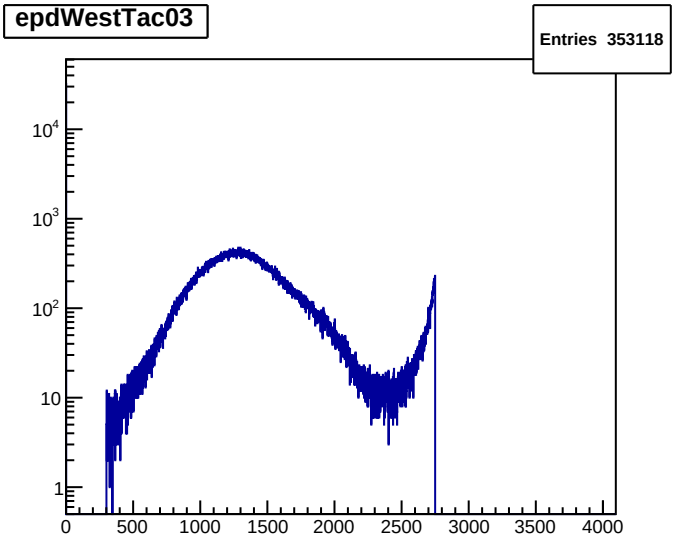
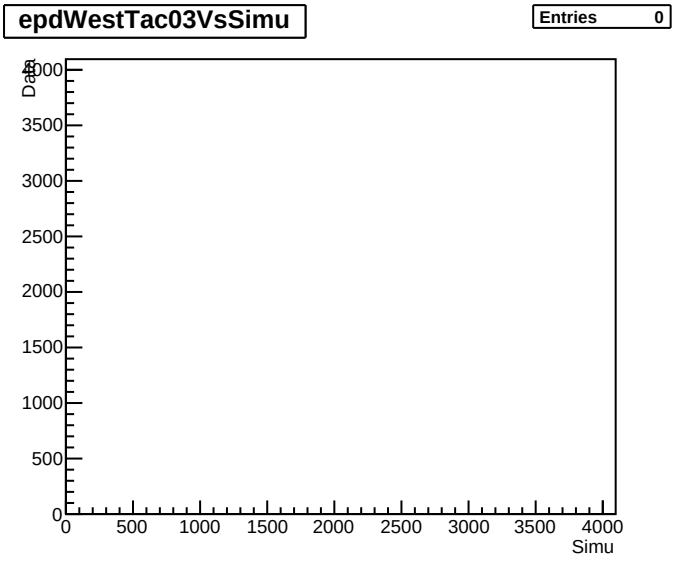
Entries 0
Data
Simu


epdWestTac03
Entries 353118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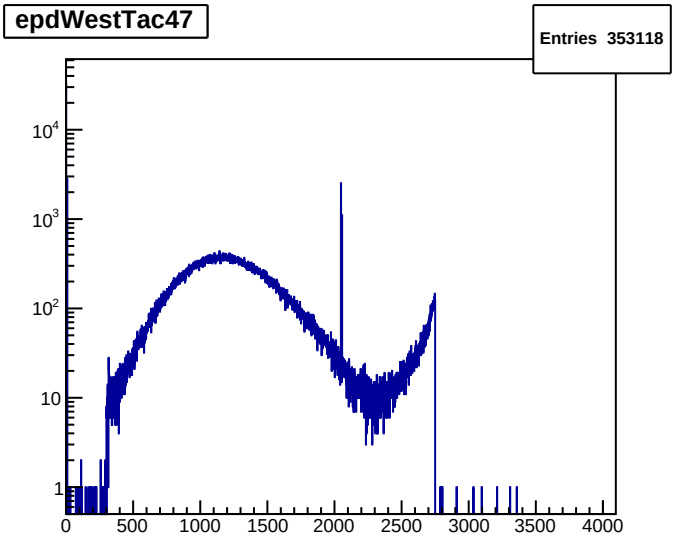
Entries 0
Data
Simu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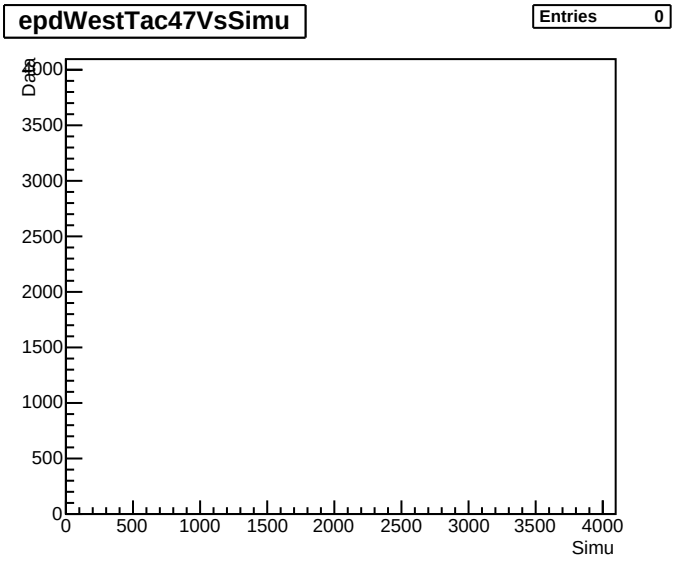
Entries 353118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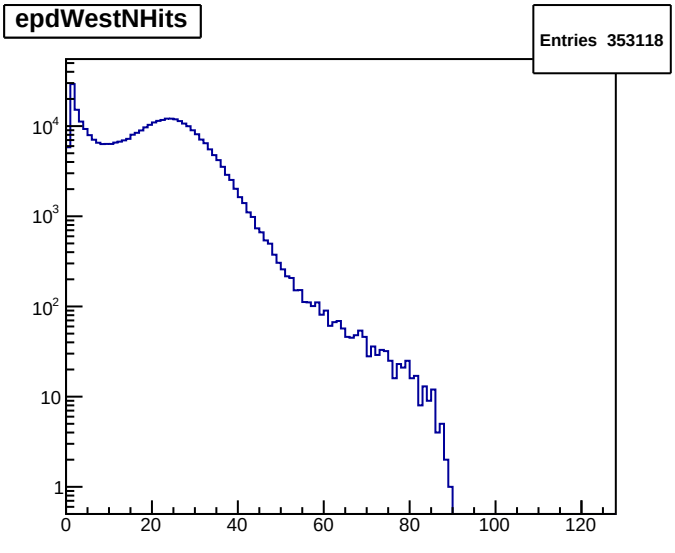
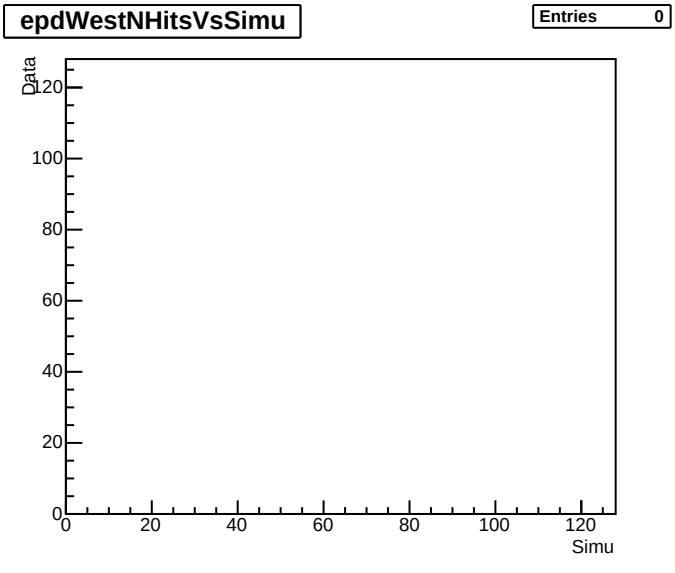
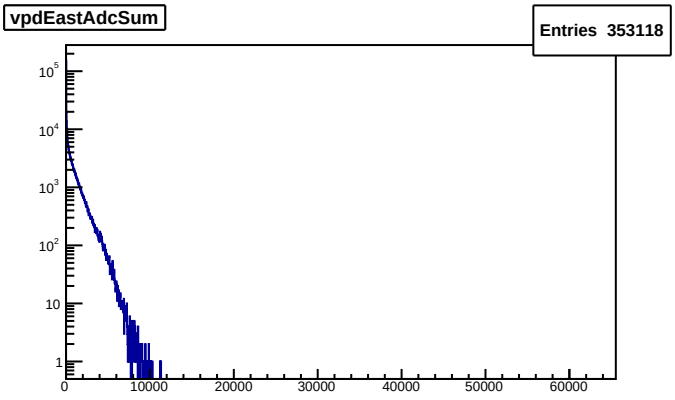
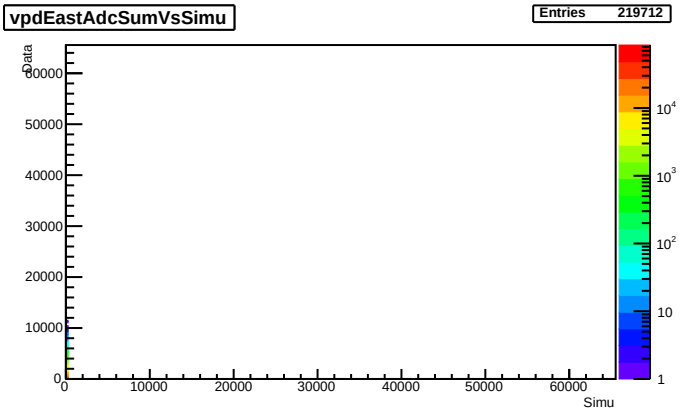
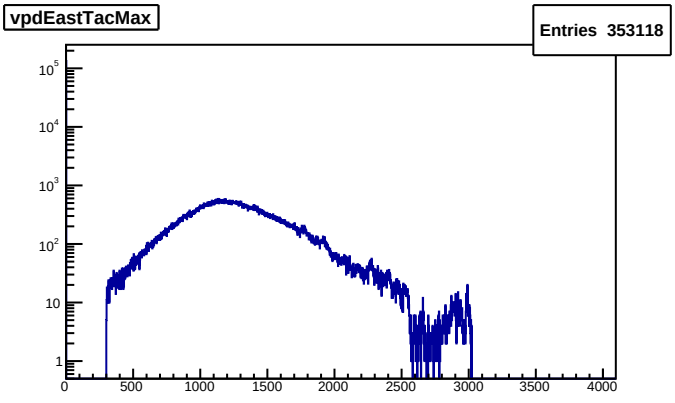
Entries 0
Data
Simu

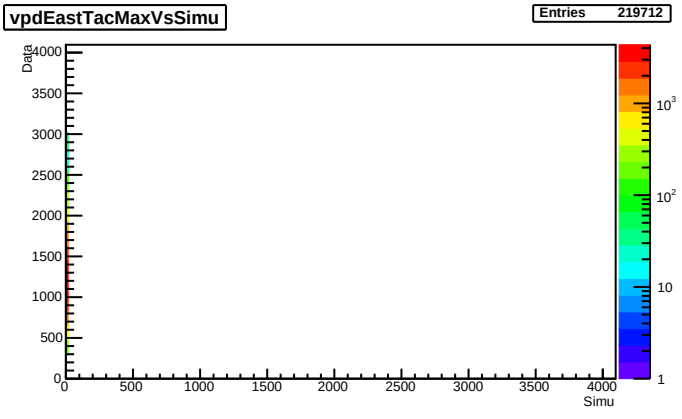

epdWestNHits
Entries 353118

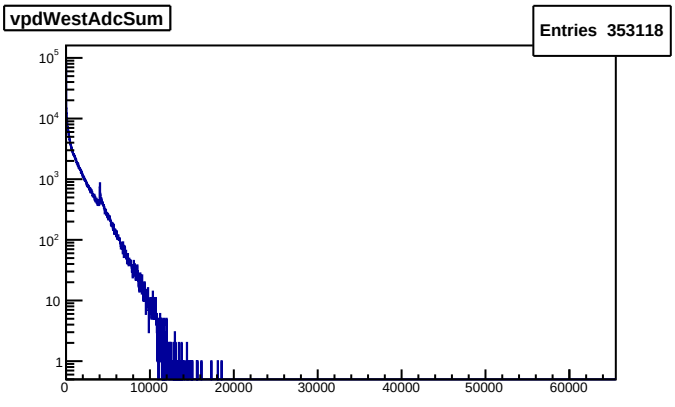

epdWestNHitsVsSimu
Entries 0
Data
Simu

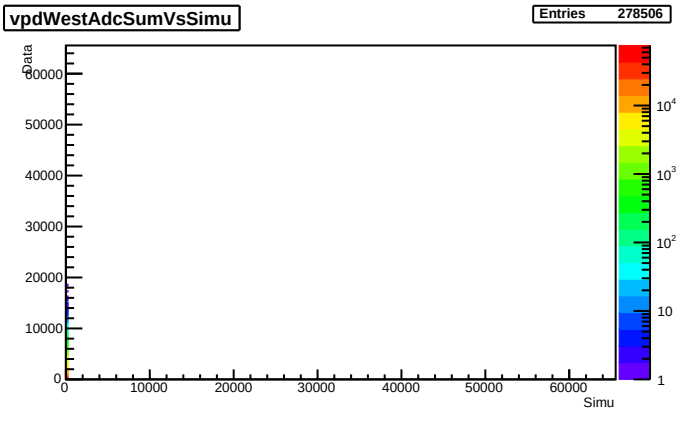

vpdEastAdcSum
Entries 353118

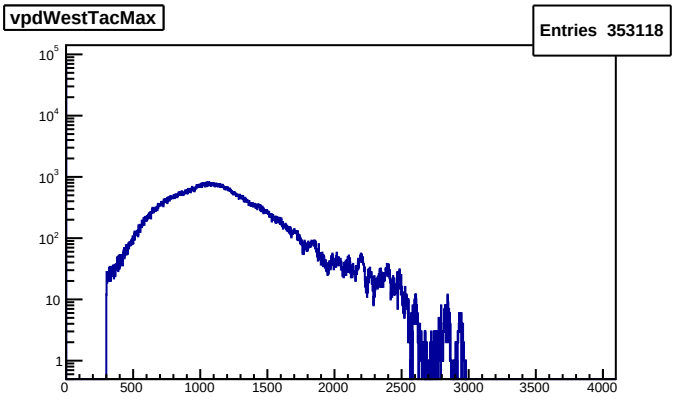

vpdEastAdcSumVsSimu
Entries 219712
Data
Simu

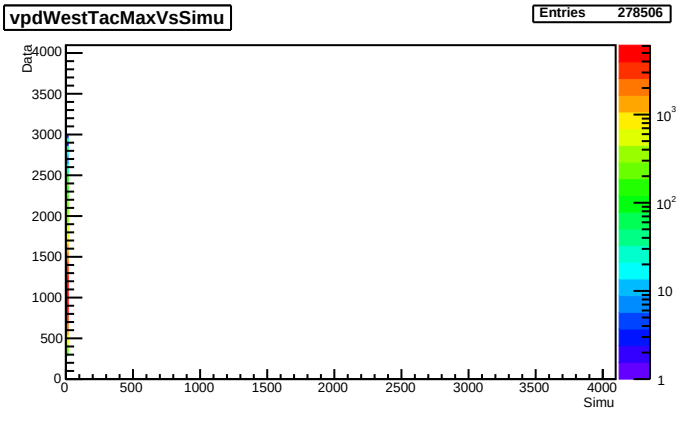

vpdEastTacMax
Entries 353118

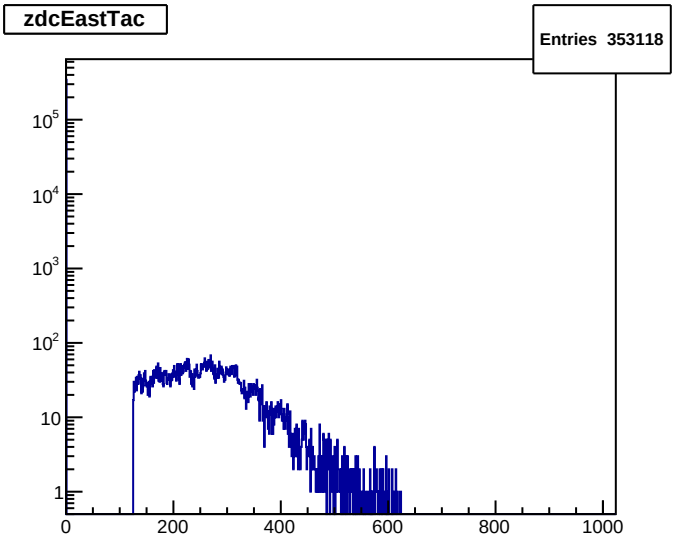

vpdEastTacMaxVsSimu
Entries 219712
Data
Simu

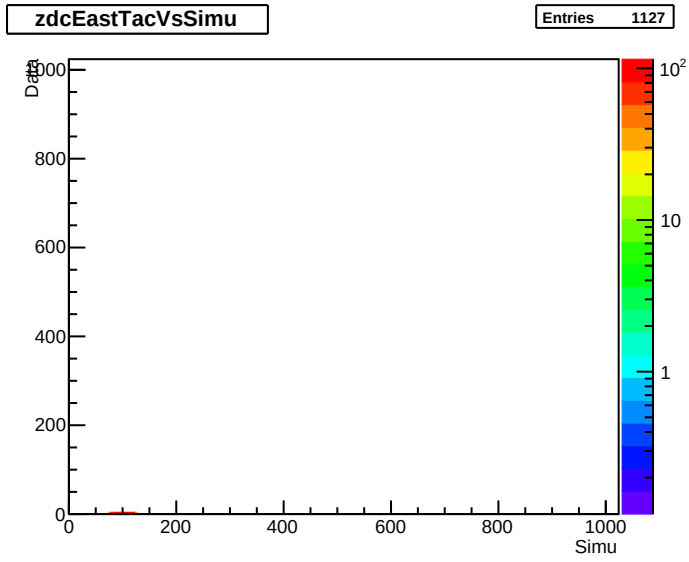

vpdWestAdcSum
Entries 353118

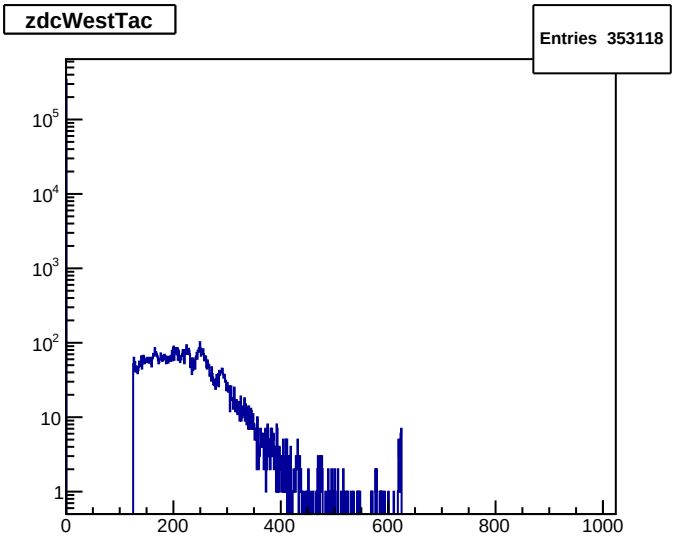

vpdWestAdcSumVsSimu
Entries 278506
Data
Simu

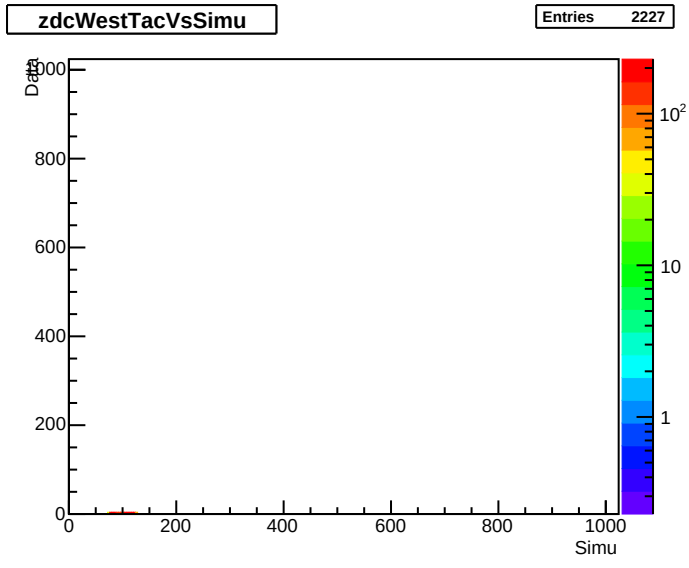

vpdWestTacMax
Entries 353118

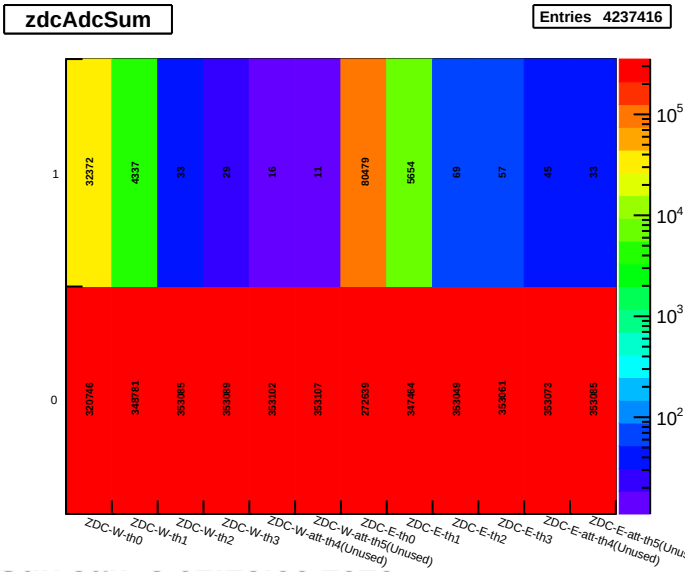

vpdWestTacMaxVsSimu
Entries 278506
Data
Simu

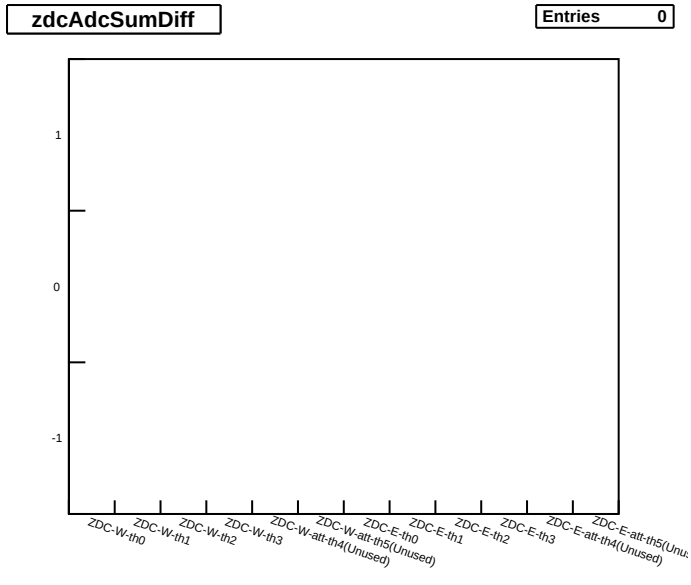

zdcEastTac
Entries 353118

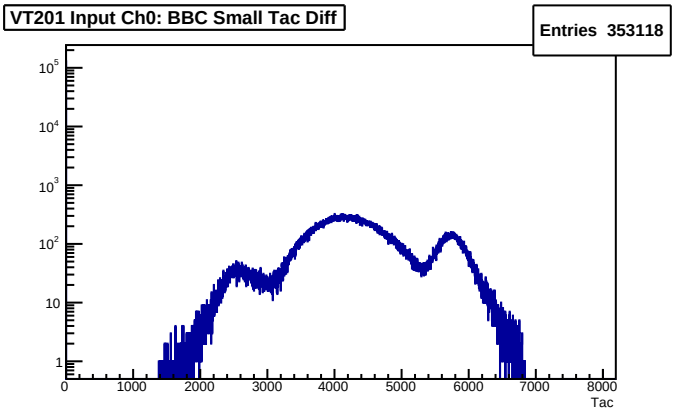

zdcEastTacVsSimu
Entries 1127
Data
Simu

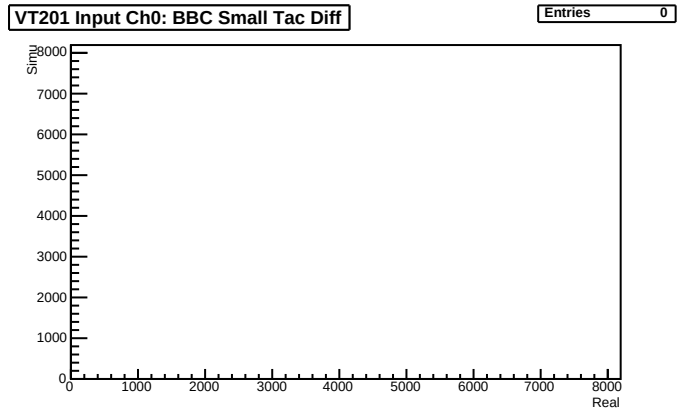

zdcWestTac
Entries 353118

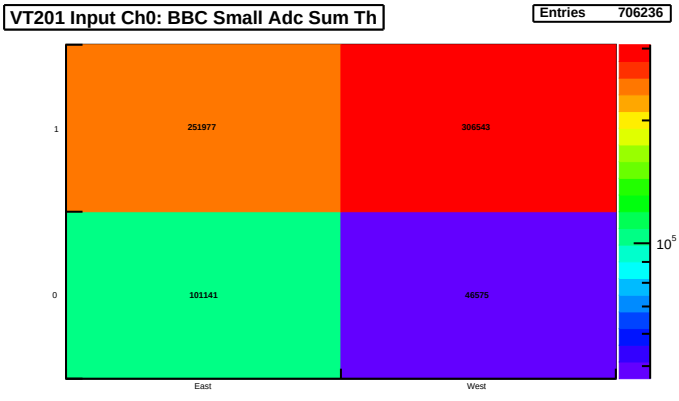

zdcWestTacVsSimu
Entries 2227
Data
Simu

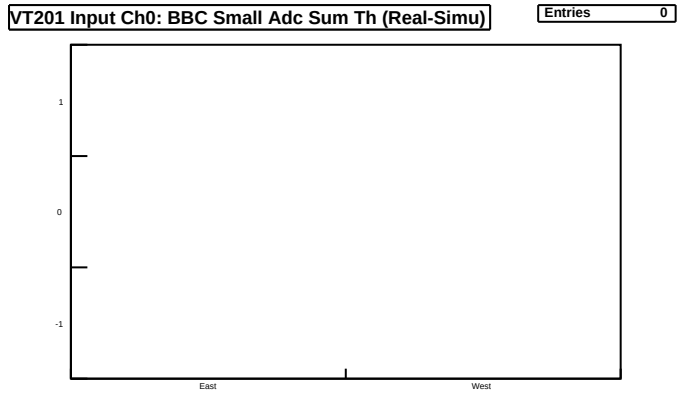

zdcAdcSum
Entries 4237416
32372
4337
33
29
16
11
80479
5654
69
57
45
33
320746
348781
353085
353089
353102
353107
272639
347464
353049
353061
353073
353085
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

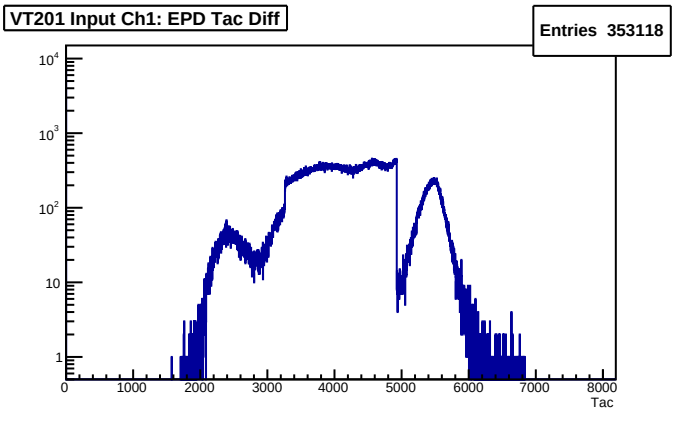

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

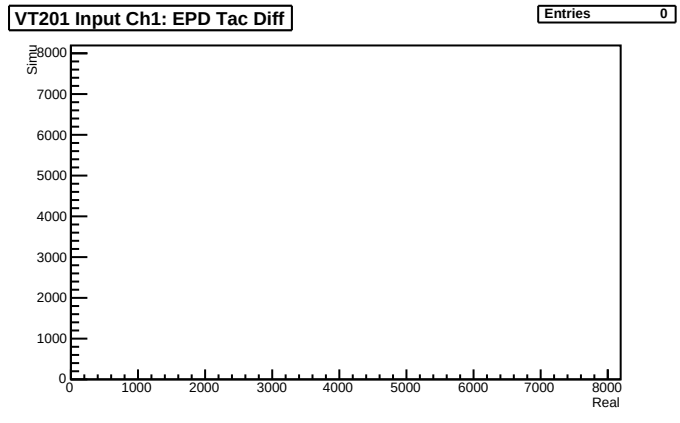

VT201 Input Ch0: BBC Small Tac Diff
Entries 353118
Tac

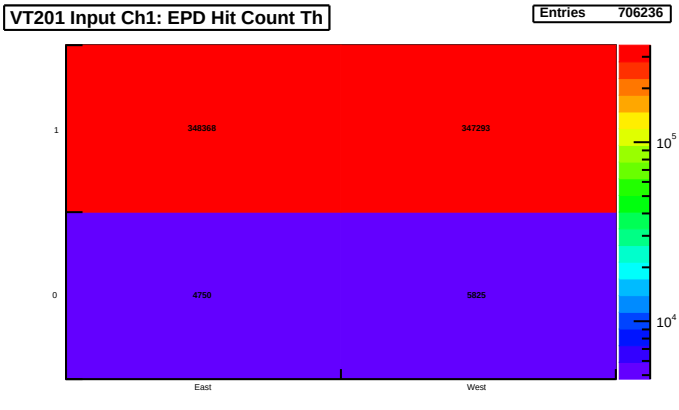

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

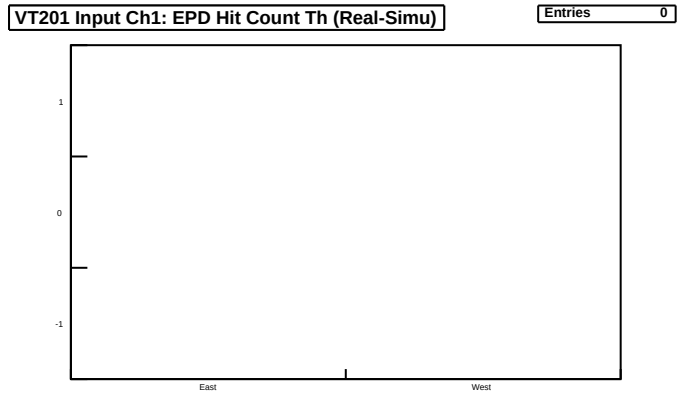

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 706236
251977
306543
101141
46575
East
West

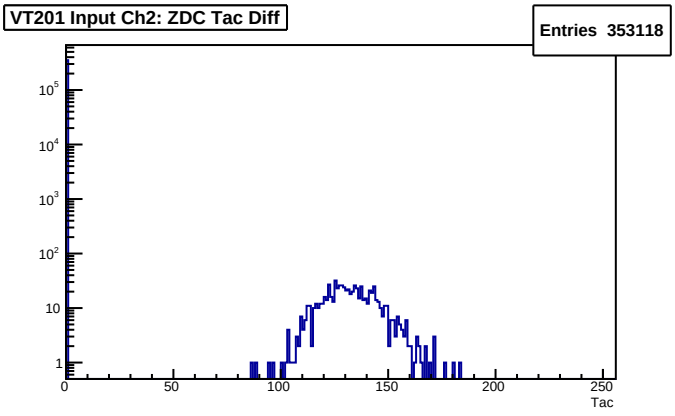

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

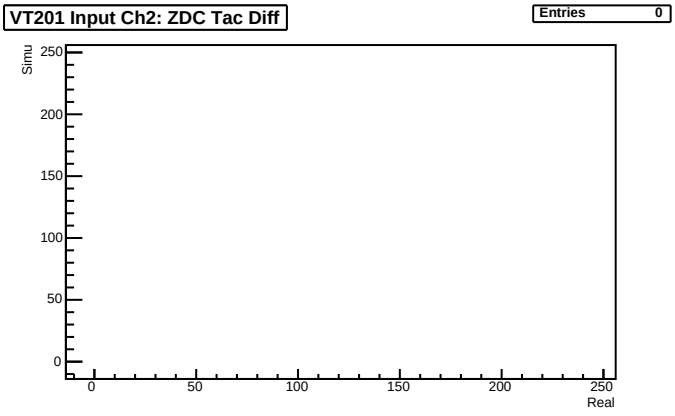

VT201 Input Ch1: EPD Tac Diff
Entries 353118
Tac

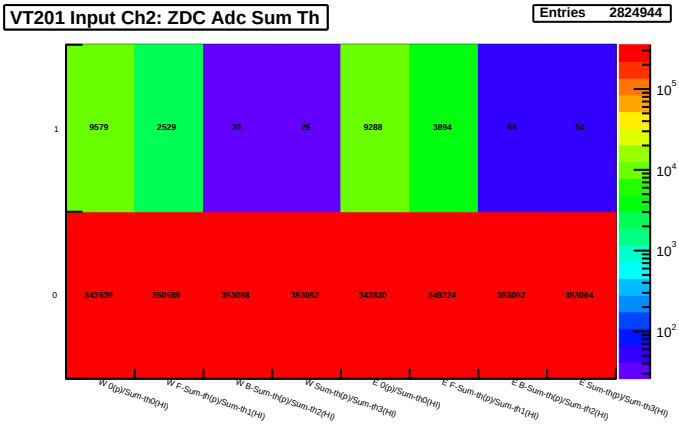

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

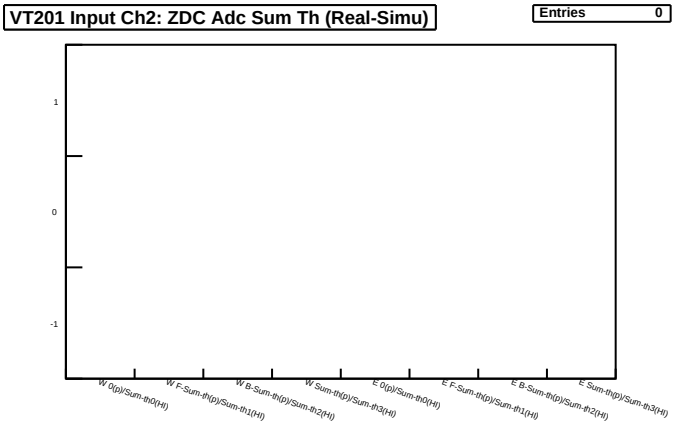

VT201 Input Ch1: EPD Hit Count Th
Entries 706236
348368
347293
4750
5825
East
West

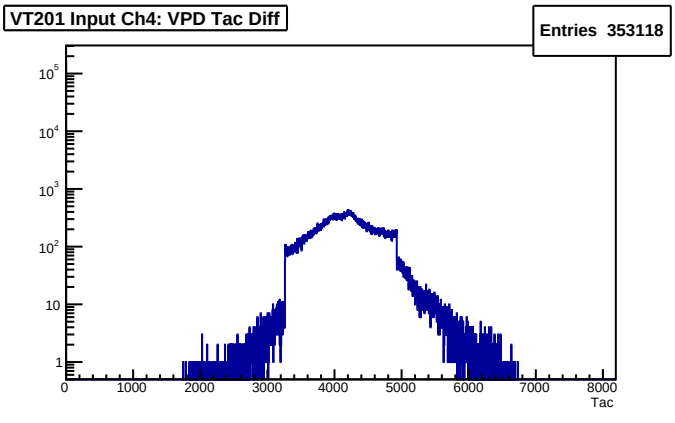

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

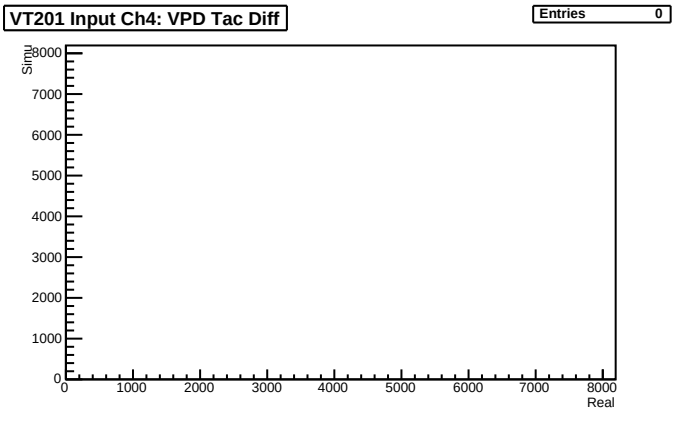

VT201 Input Ch2: ZDC Tac Diff
Entries 353118
Tac

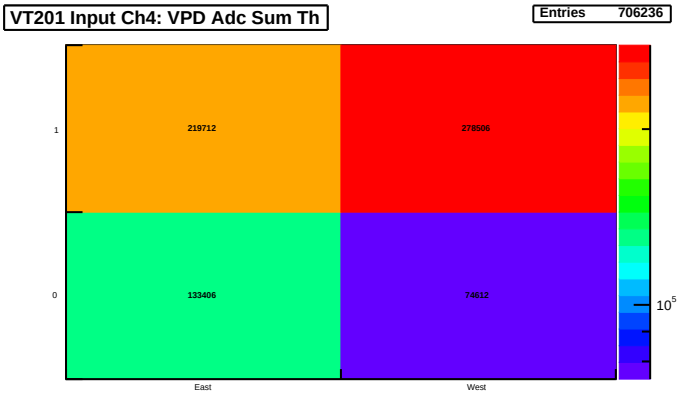

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

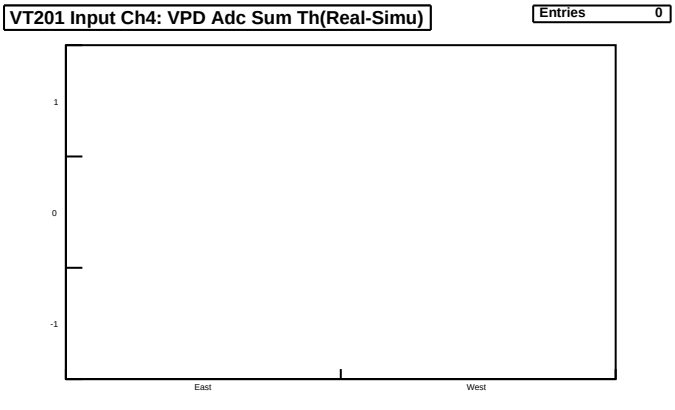

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2824944
9579
2529
30
26
9288
3894
66
54
343539
350589
353088
353092
343830
349224
353052
353064
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

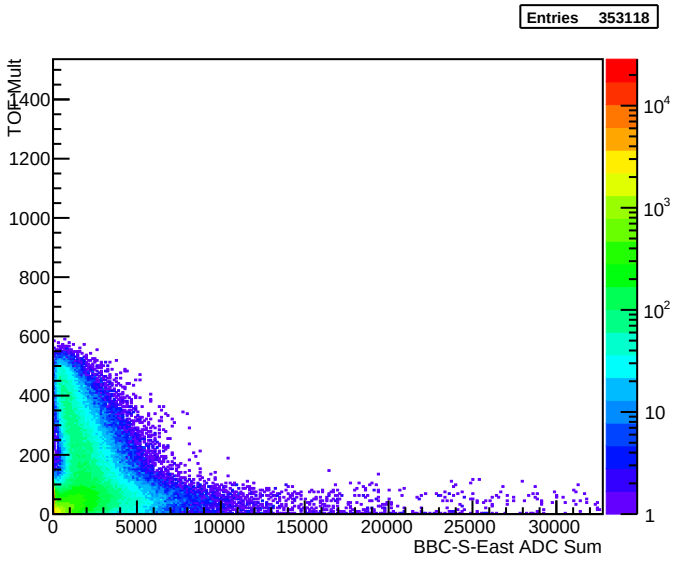

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

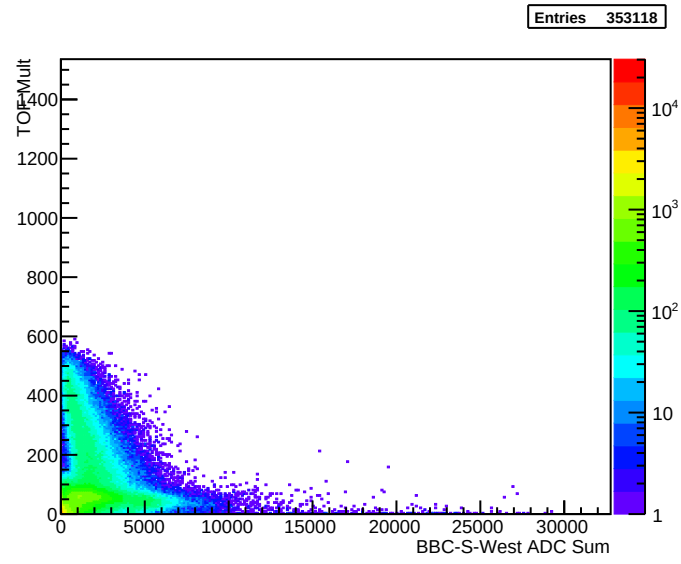

VT201 Input Ch4: VPD Tac Diff
Entries 353118
Tac

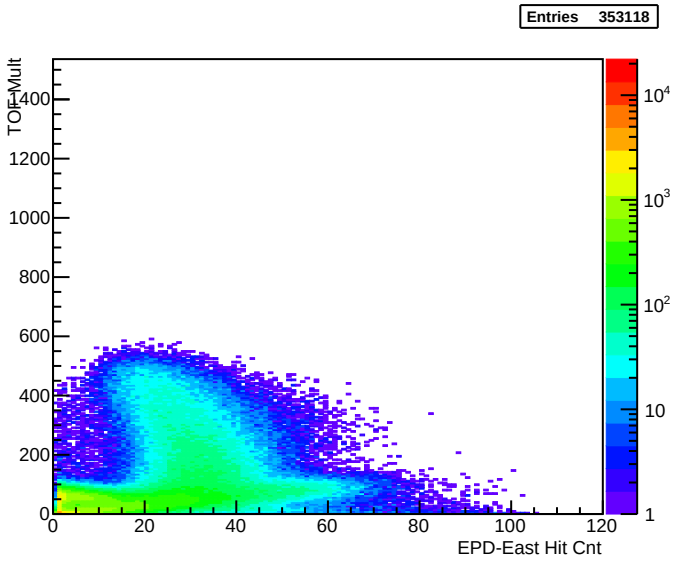

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

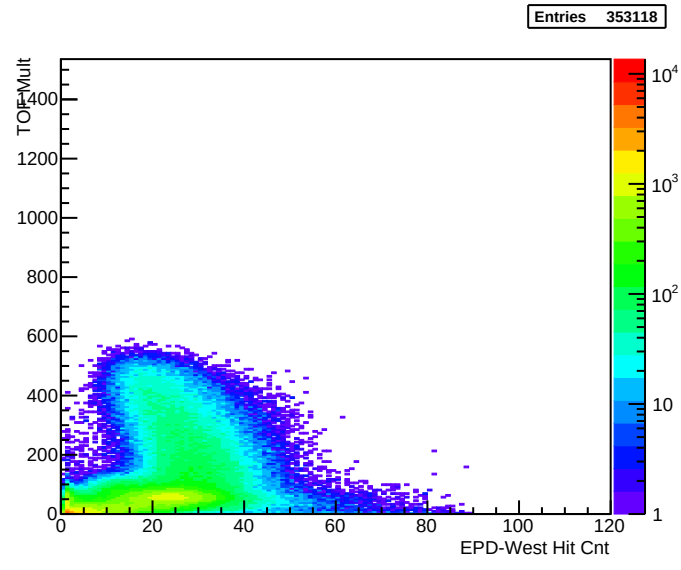

VT201 Input Ch4: VPD Adc Sum Th
Entries 706236
219712
278506
133406
74612
East
West

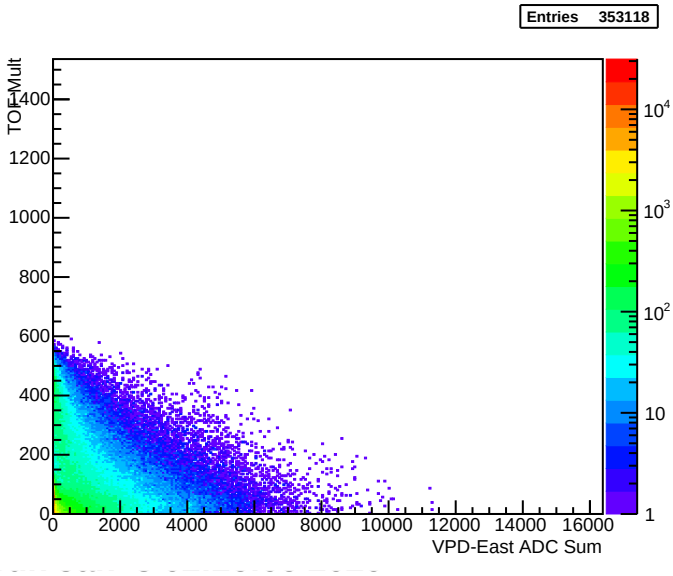

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

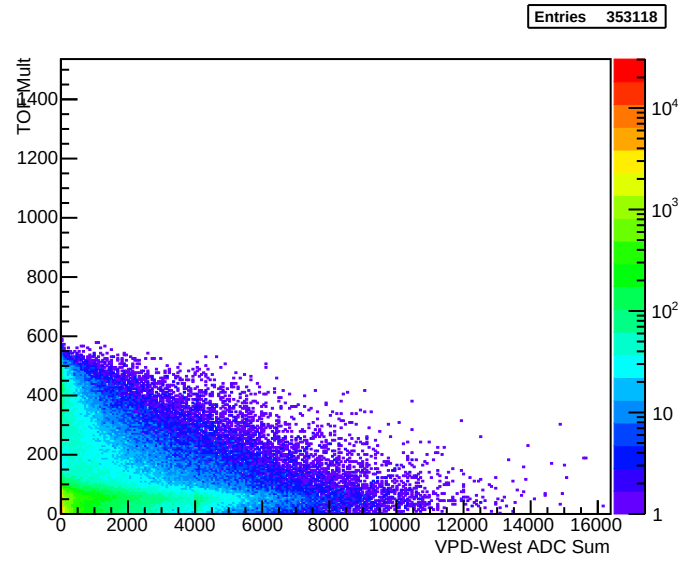

Entries 353118
TOF-Mult
BBC-S-East ADC Sum

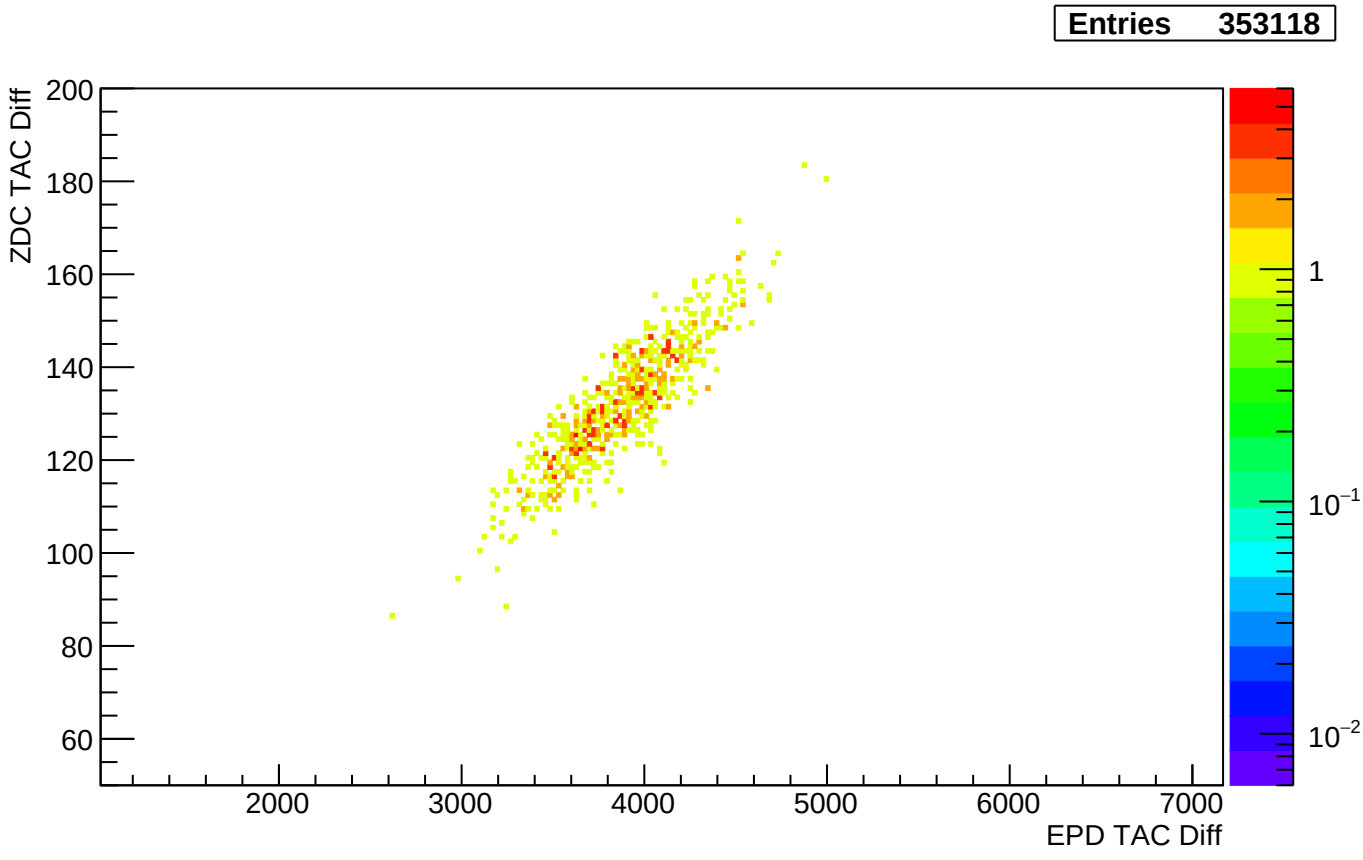

Entries 353118
TOF-Mult
BBC-S-West ADC Sum

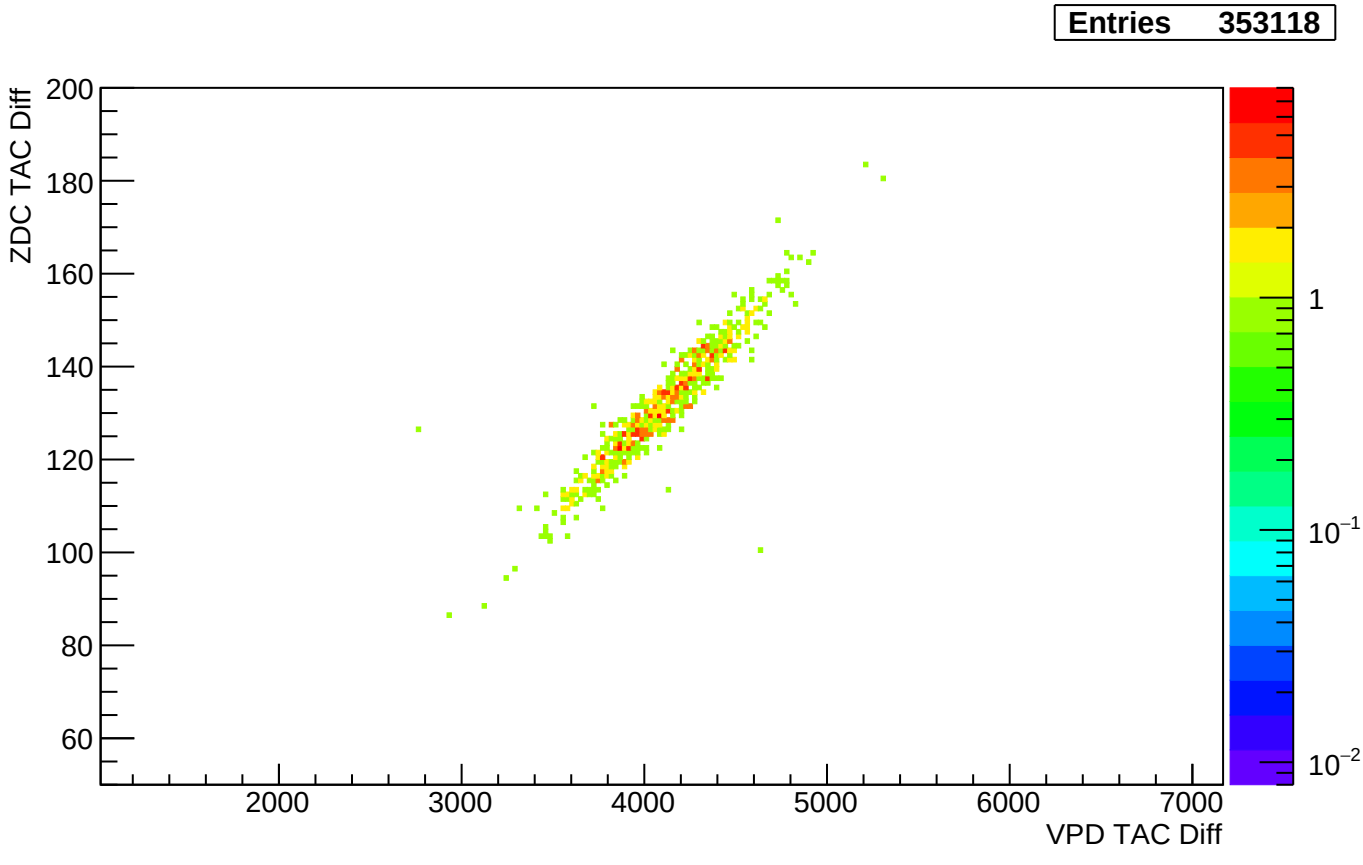

Entries 353118
TOF-Mult
EPD-East Hit Cnt

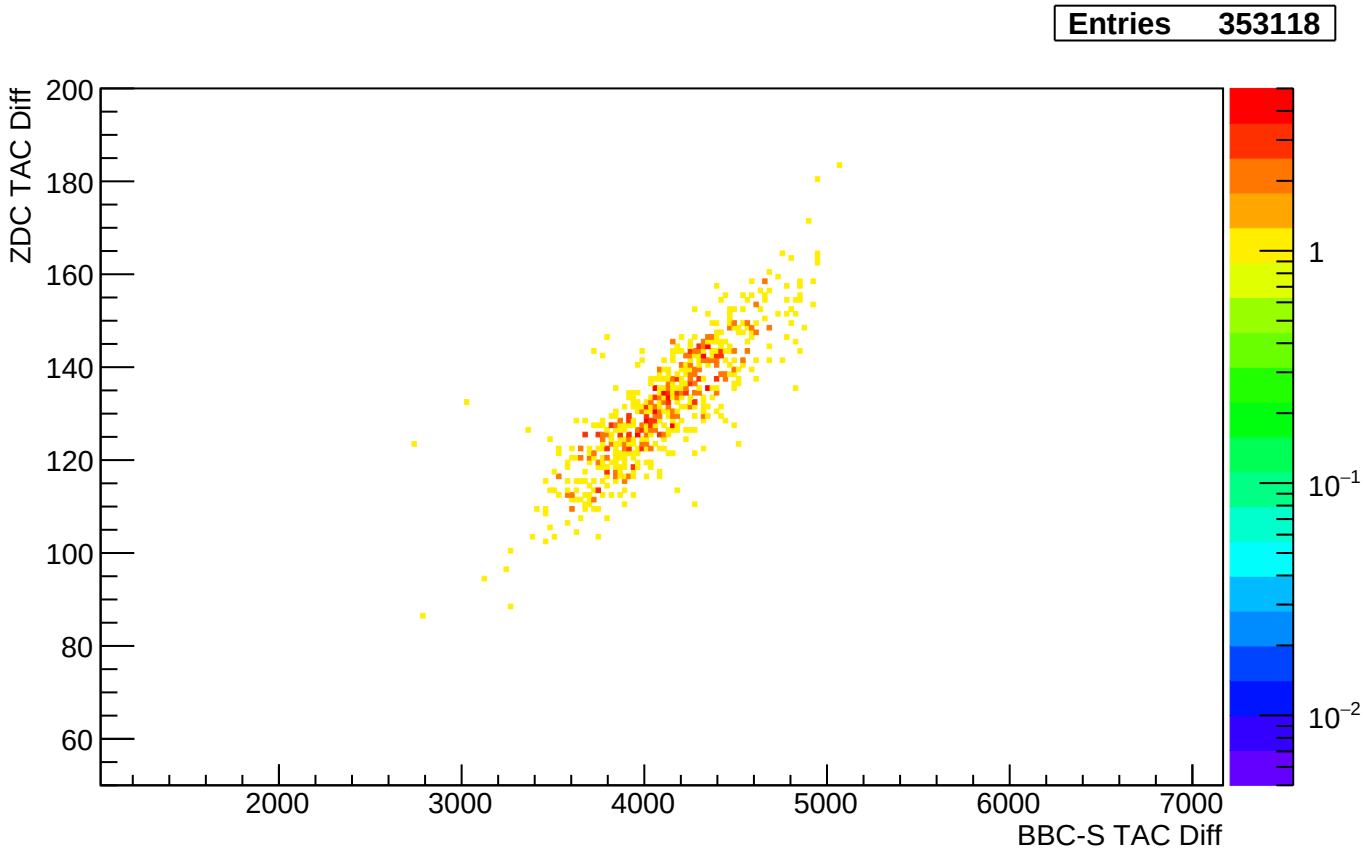

Entries 353118
TOF-Mult
EPD-West Hit Cnt

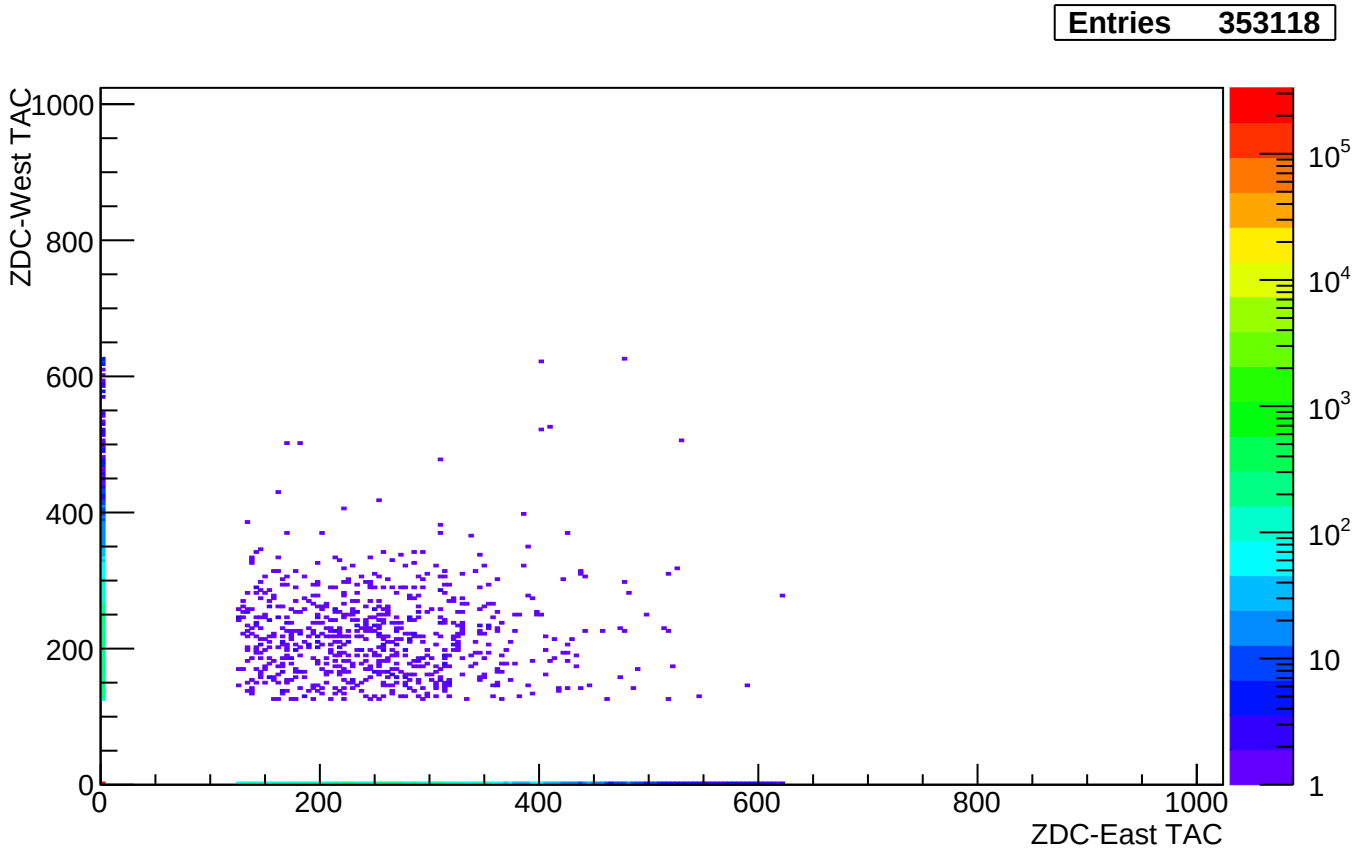

Entries 353118
TOF-Mult
VPD-East ADC Sum

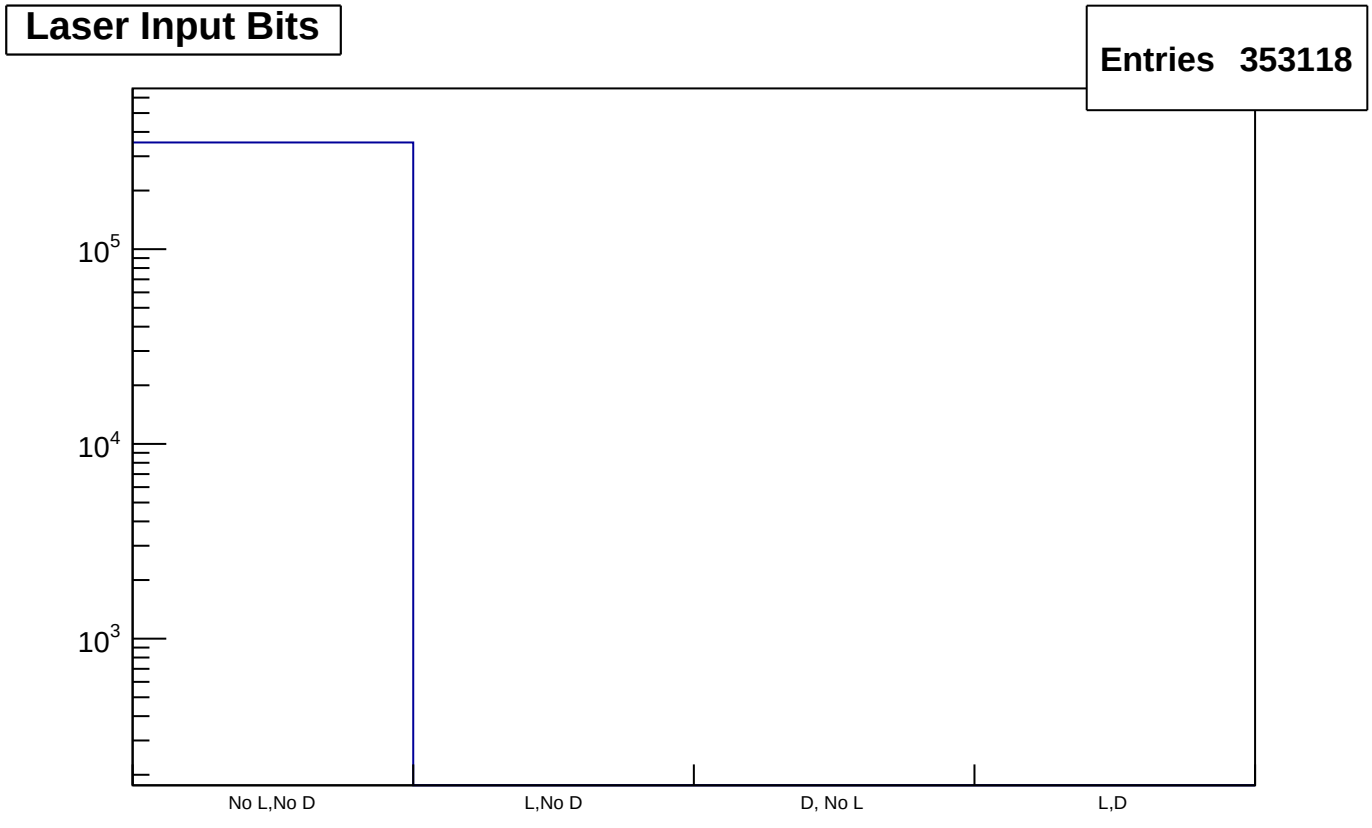

Entries 353118
TOF-Mult
VPD-West ADC Sum

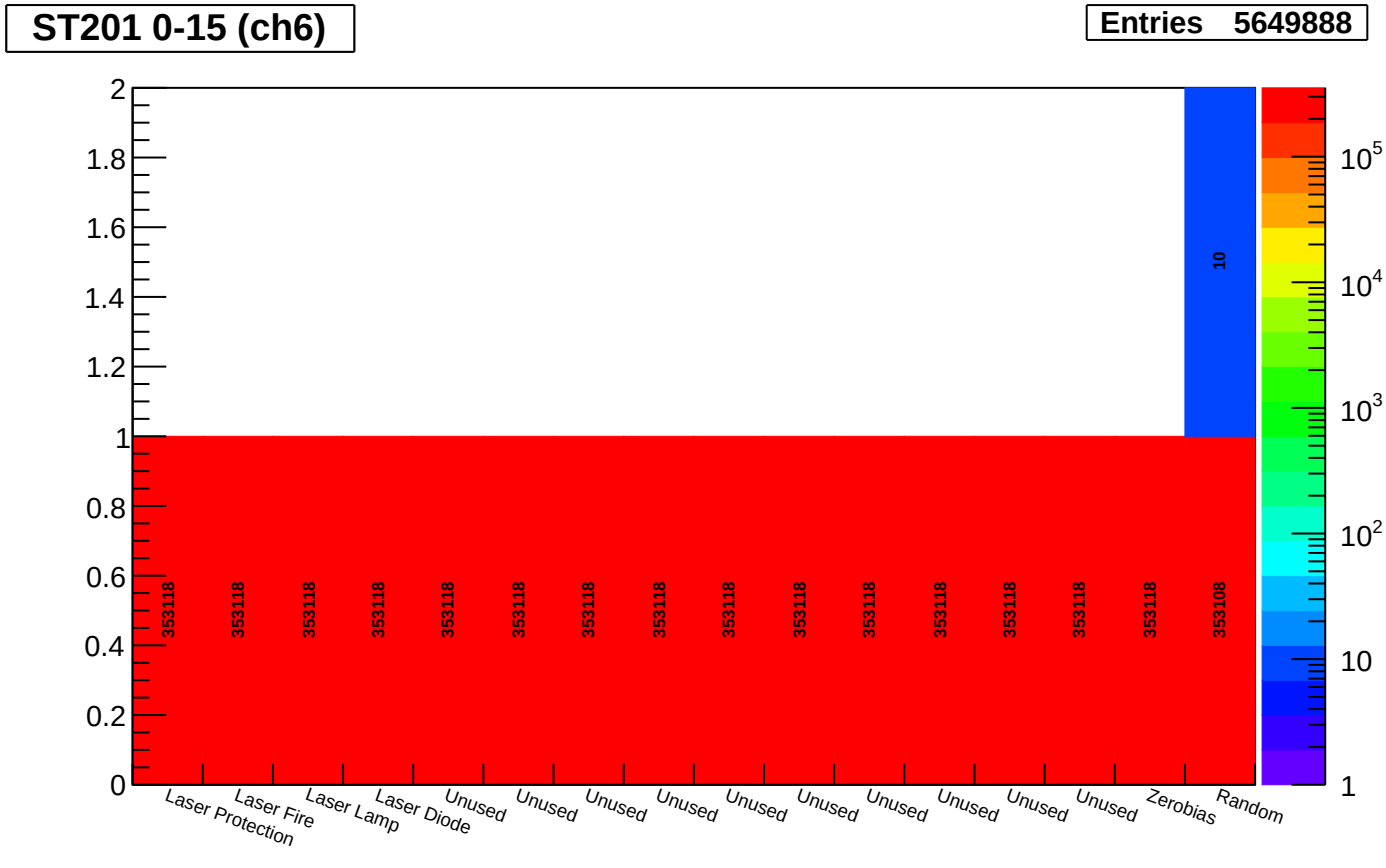

Entries 353118
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

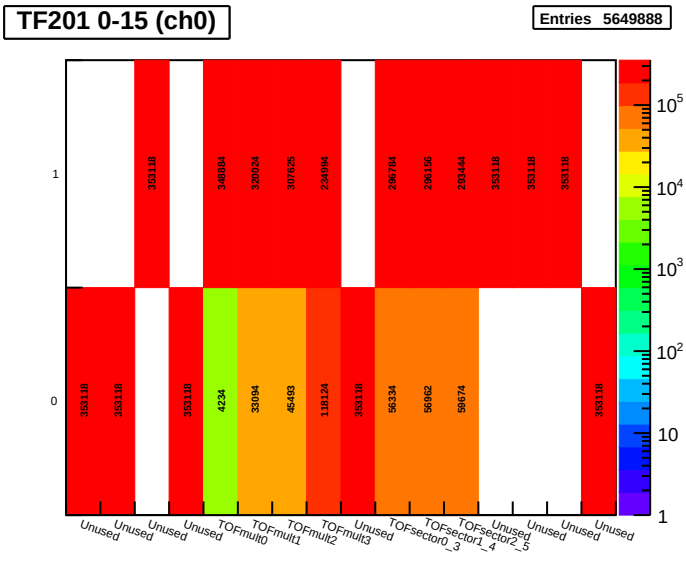

Entries 353118
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

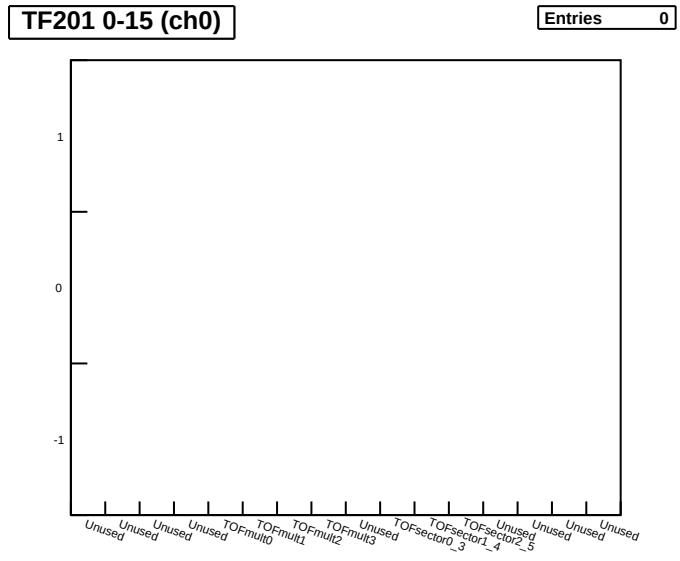

Entries 353118
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

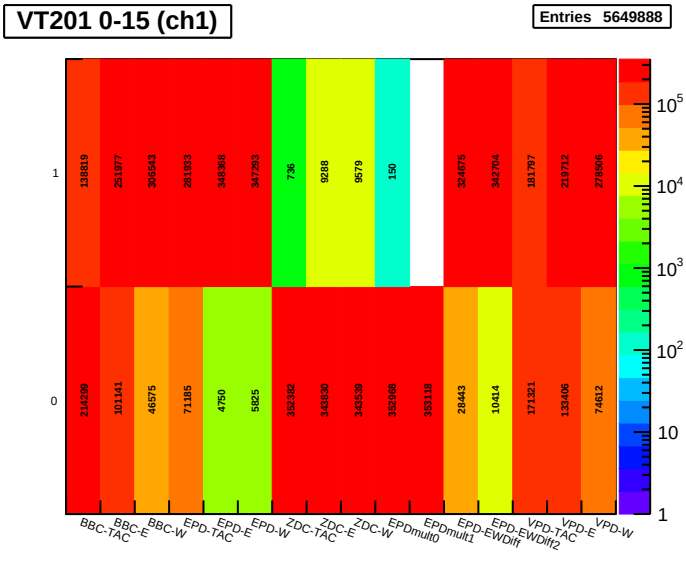

Entries 353118
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

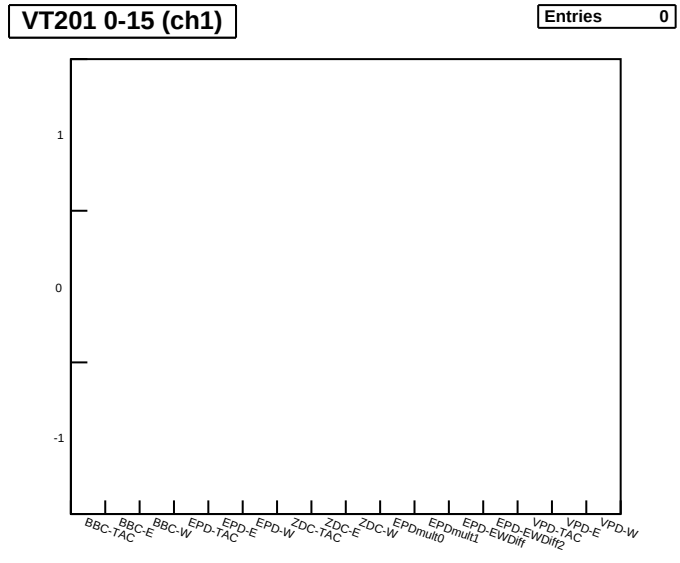

Laser Input Bits
Entries 353118
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

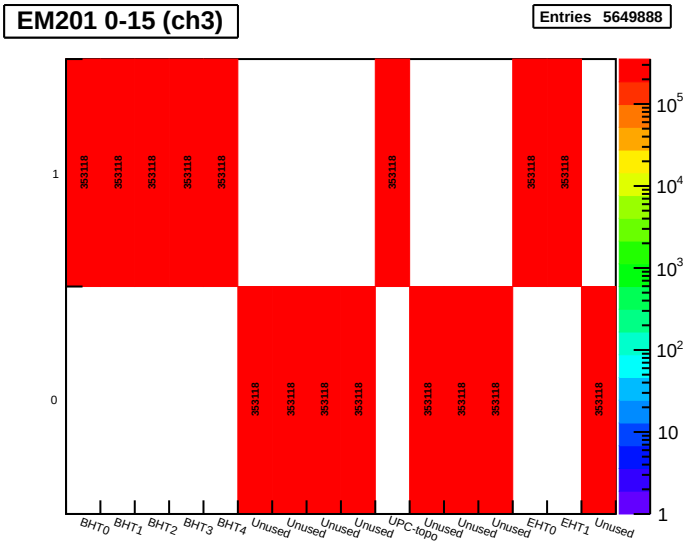

ST201 0-15 (ch6)
Entries 5649888
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
353118
353108
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

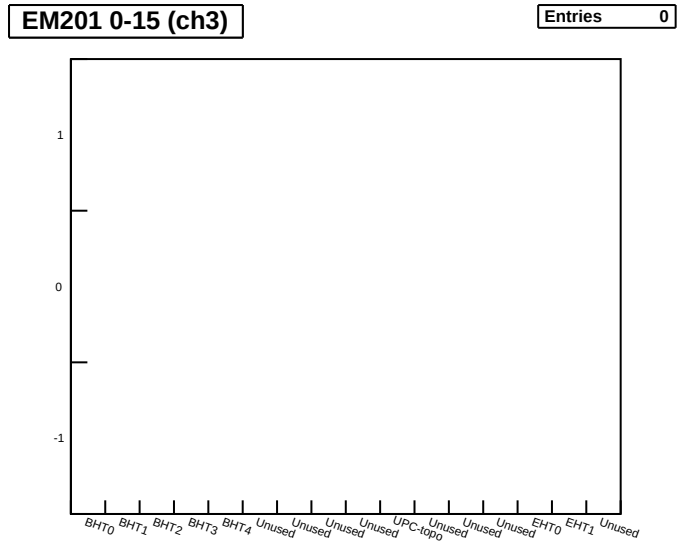

TF201 0-15 (ch0)
Entries 5649888
1
0
353118
348984
320024
307625
234994
296784
296156
293444
353118
353118
353118
353118
353118
4234
33094
45493
118124
353118
56334
56962
59674
353118
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 5649888
1
0
138819
251977
306543
281933
348368
347293
736
9288
9579
150
324675
342704
181797
219712
278506
214299
101141
46575
71185
4750
5825
352382
343830
343539
352968
353118
28443
10414
171321
133406
74612
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 5649888
1
0
353118
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1