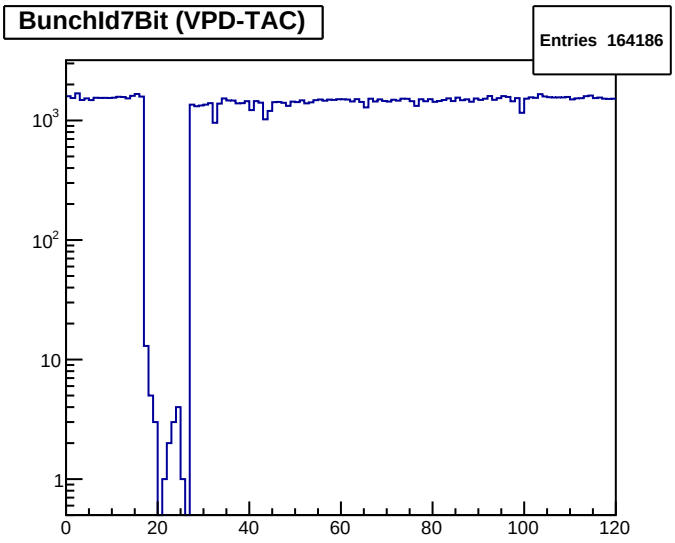
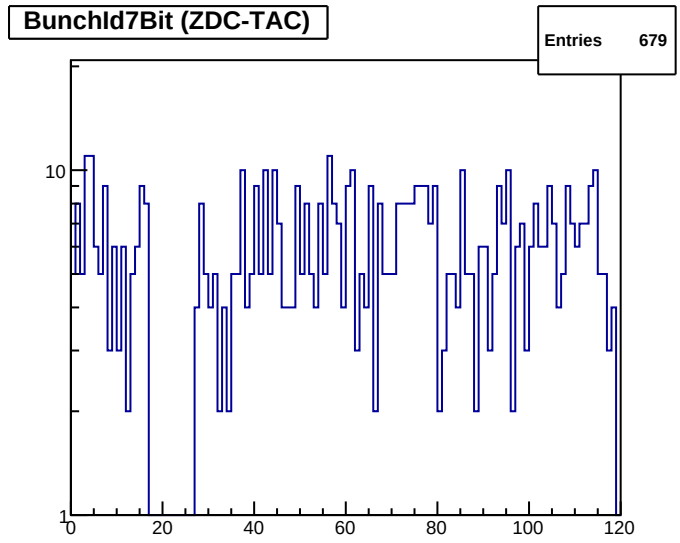
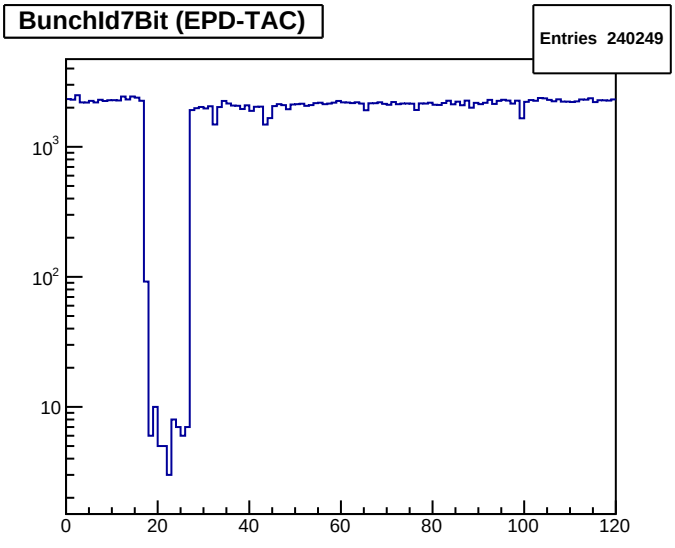
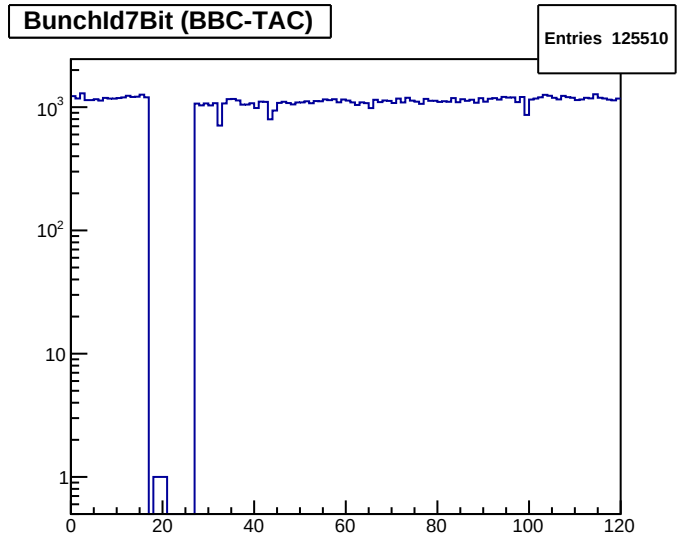
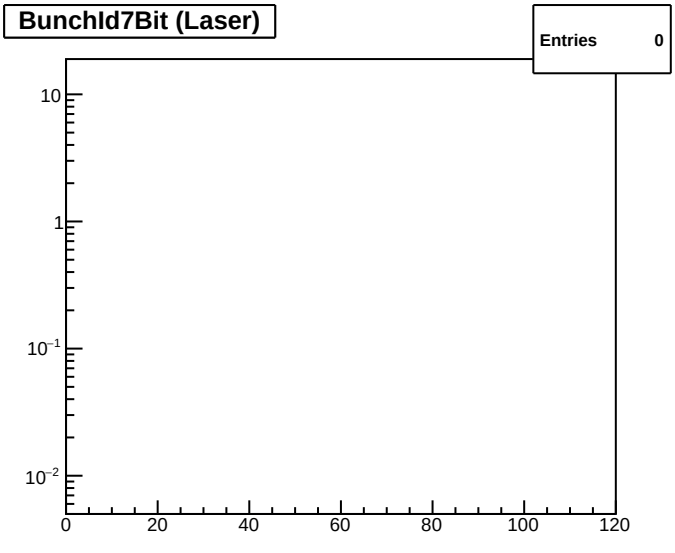
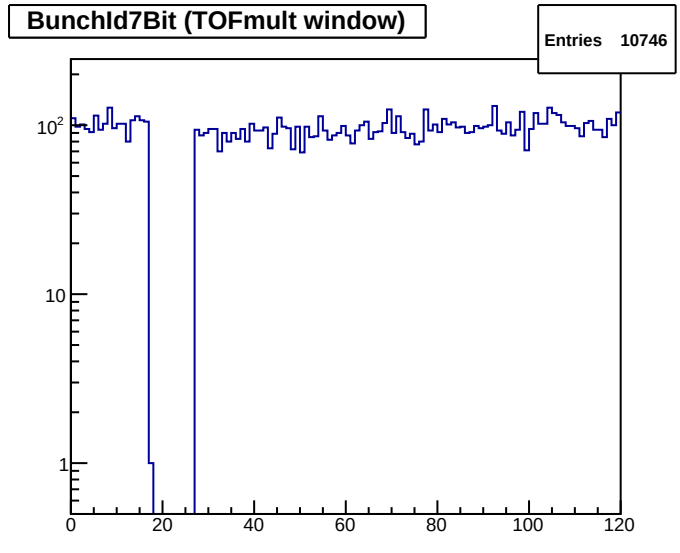

BunchId7Bit (VPD-TAC)
Entries 164186

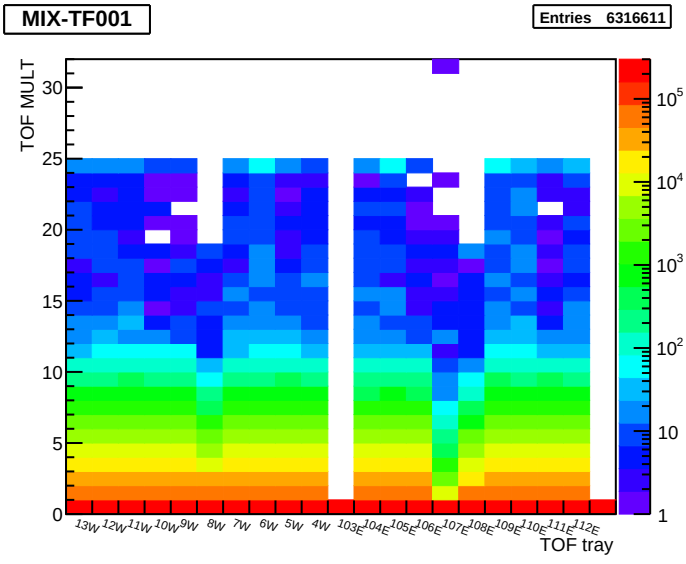

BunchId7Bit (ZDC-TAC)
Entries 679

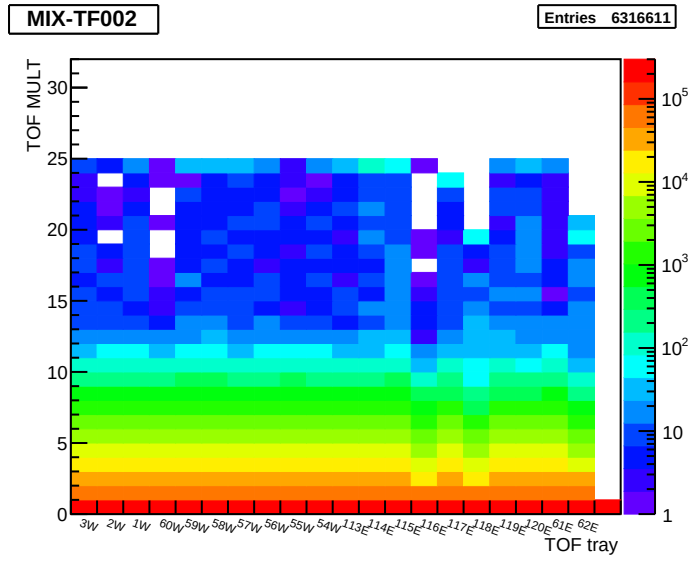

BunchId7Bit (EPD-TAC)
Entries 240249

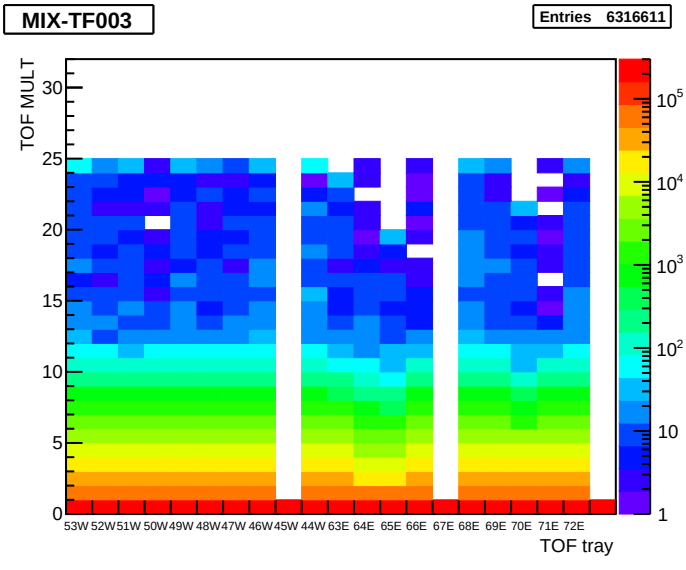

BunchId7Bit (BBC-TAC)
Entries 125510

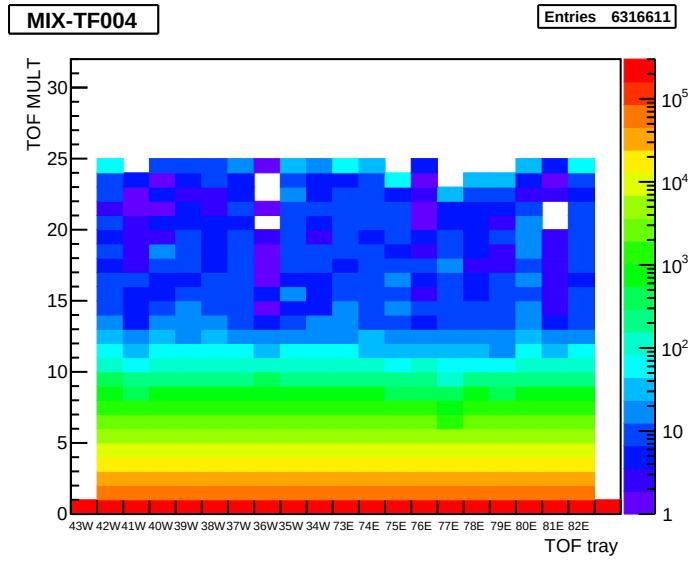

BunchId7Bit (Laser)
Entries 0

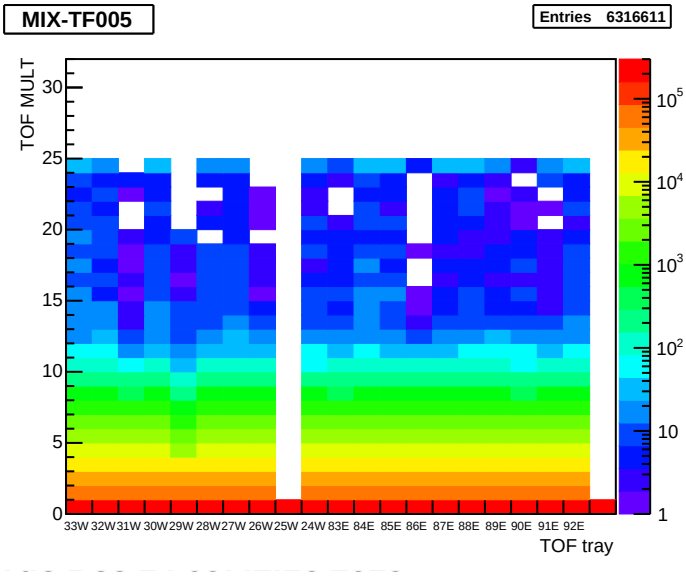

BunchId7Bit (TOFmult window)
Entries 10746

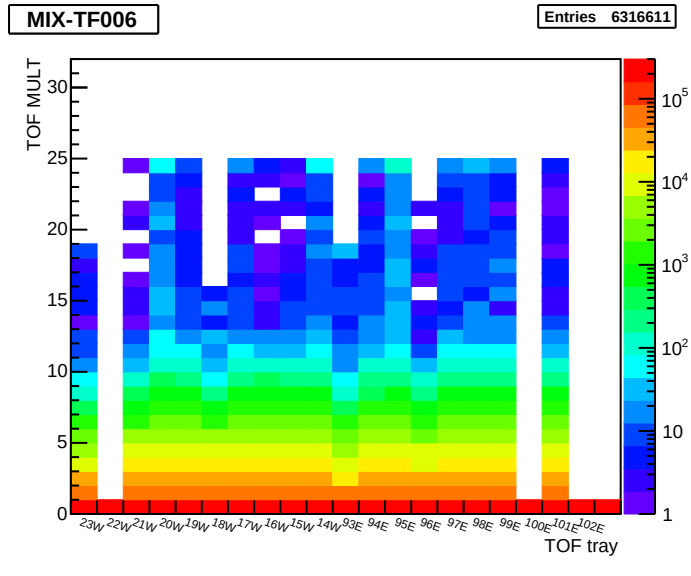

MIX-TF001
Entries 6316611
TOF MULT
TOF tray

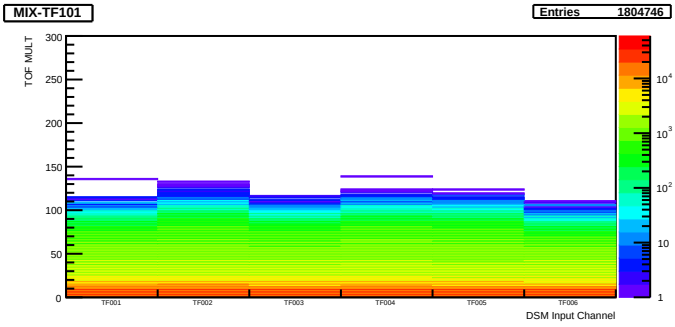

MIX-TF002
Entries 6316611
TOF MULT
TOF tray

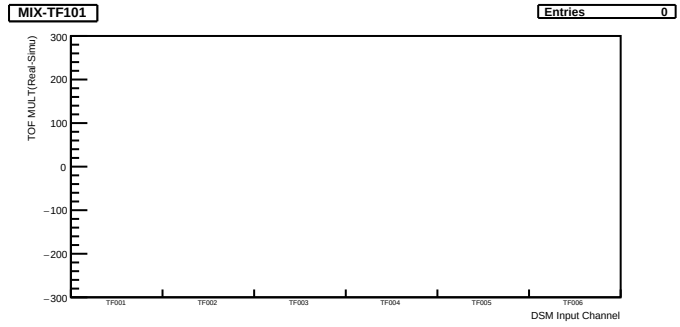

MIX-TF003
Entries 6316611
TOF MULT
TOF tray

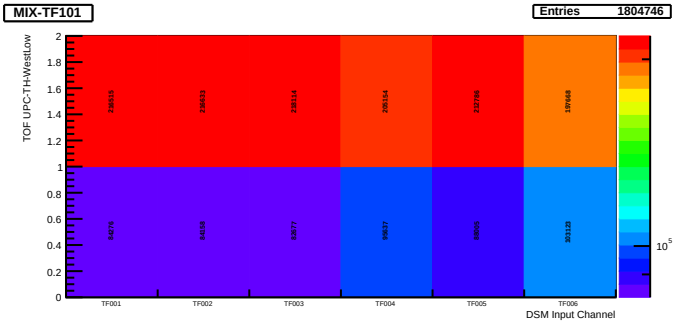

MIX-TF004
Entries 6316611
TOF MULT
TOF tray

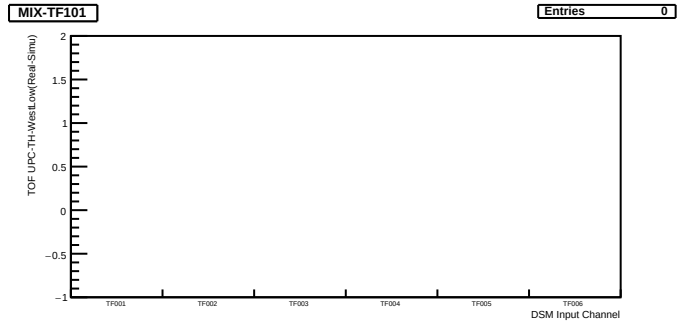

MIX-TF005
Entries 6316611
TOF MULT
TOF tray

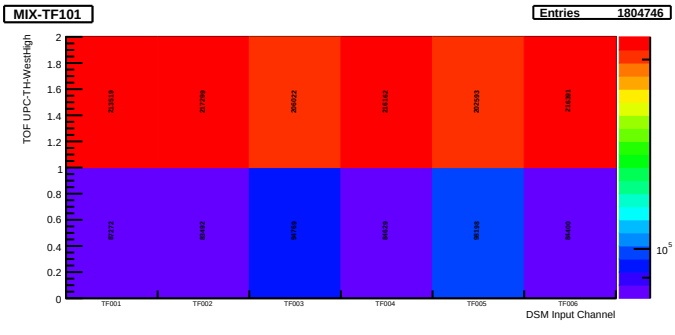

MIX-TF006
Entries 6316611
TOF MULT
TOF tray

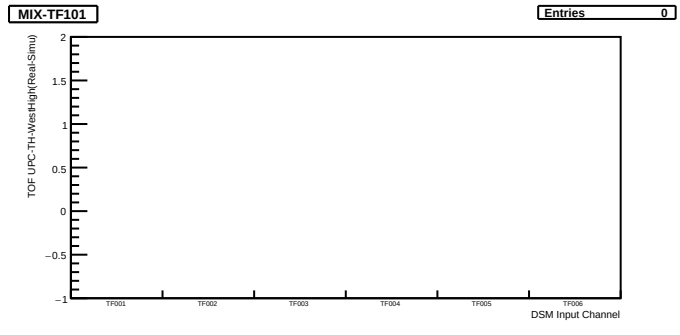

MIX-TF101
Entries 1804746
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

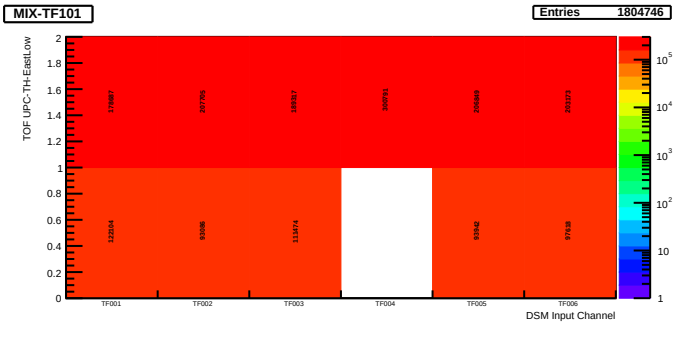

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

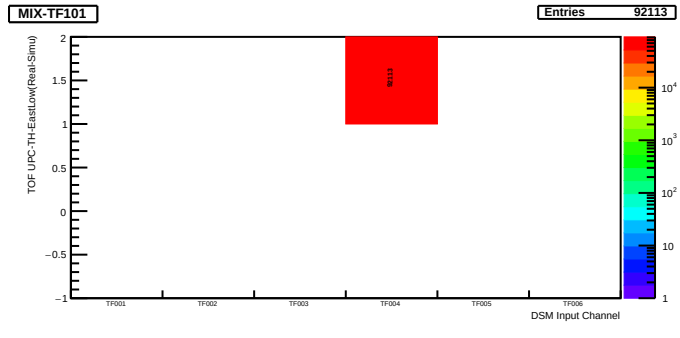

MIX-TF101
Entries 1804746
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

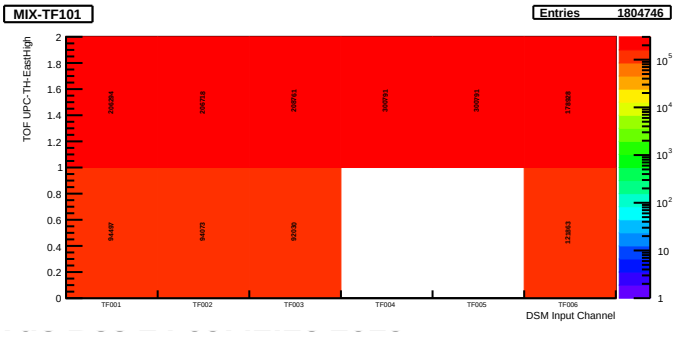

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

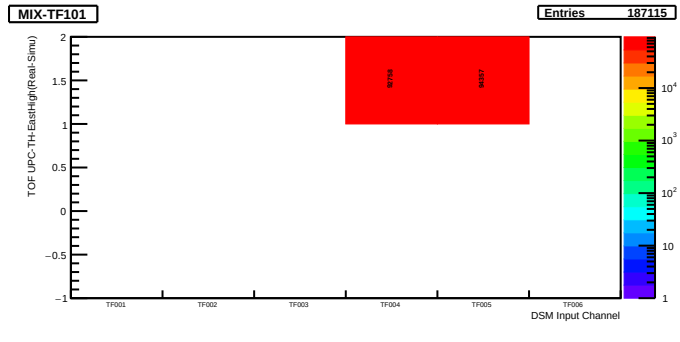

MIX-TF101
Entries 1804746
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

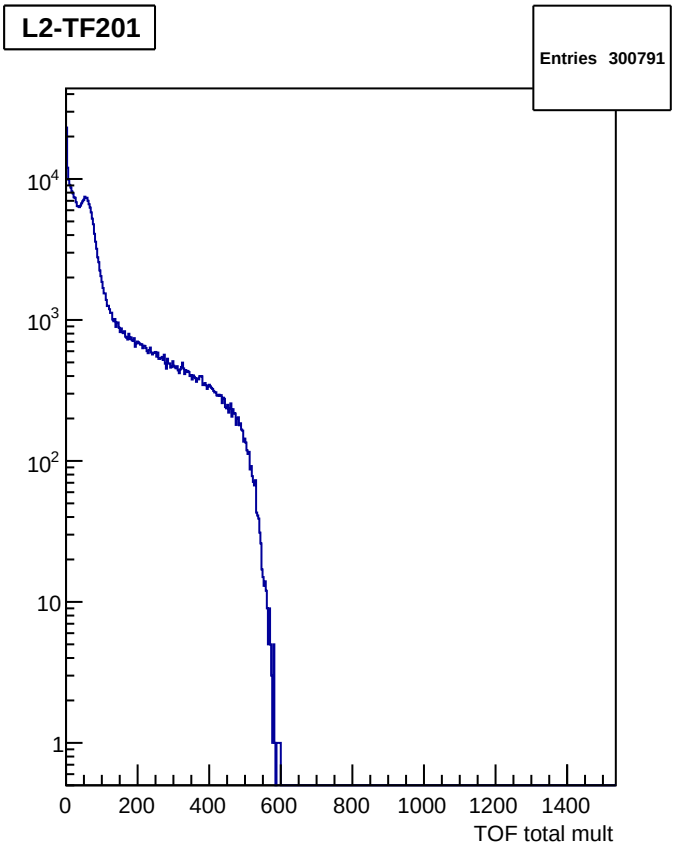

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

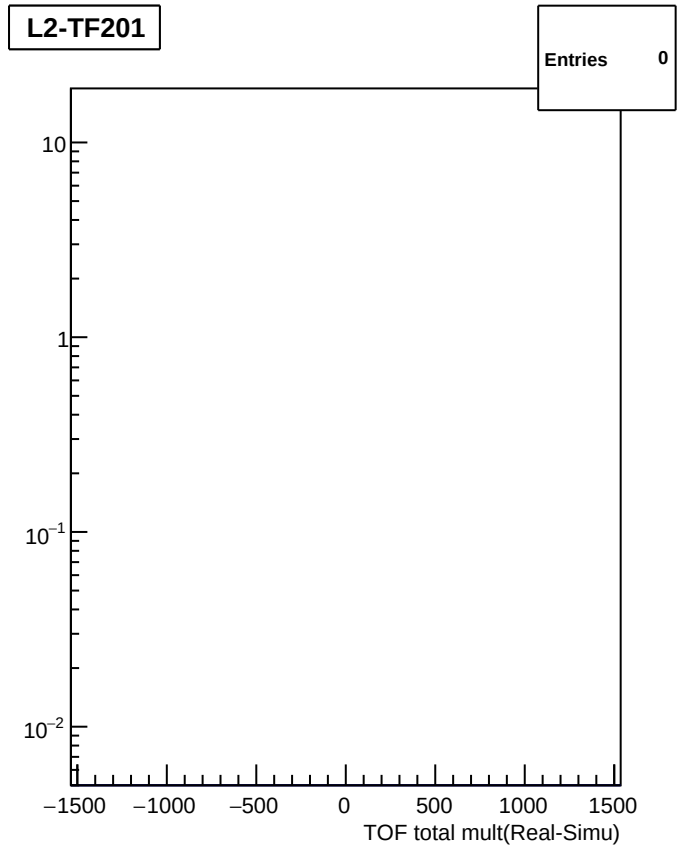

MIX-TF101
Entries 1804746
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

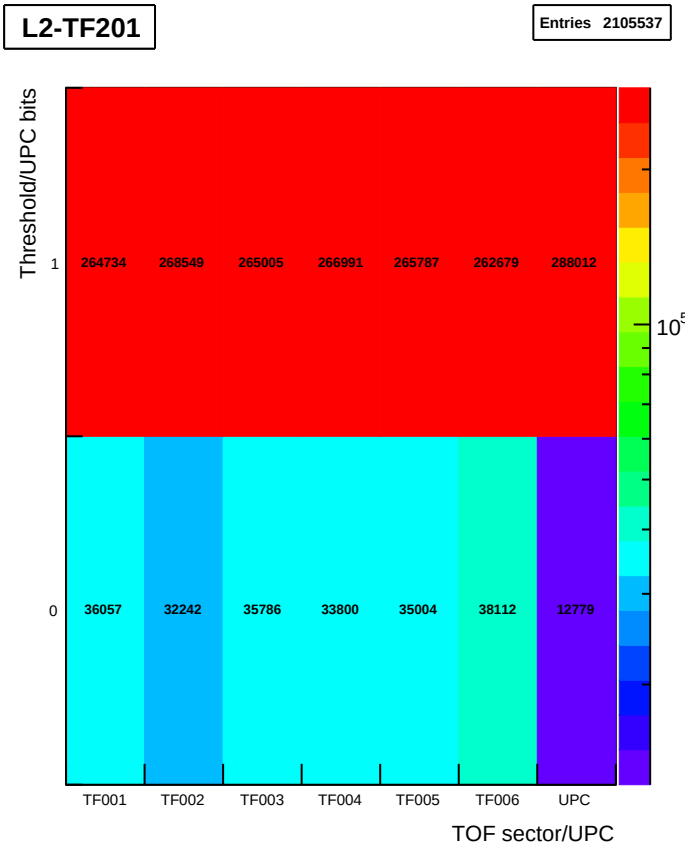

MIX-TF101
Entries 92113
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

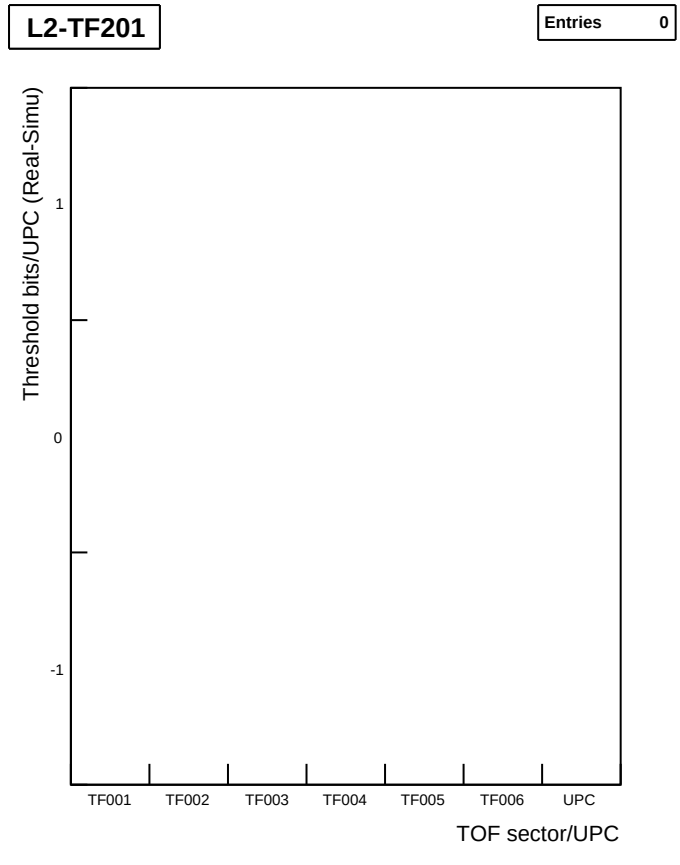

MIX-TF101
Entries 1804746
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

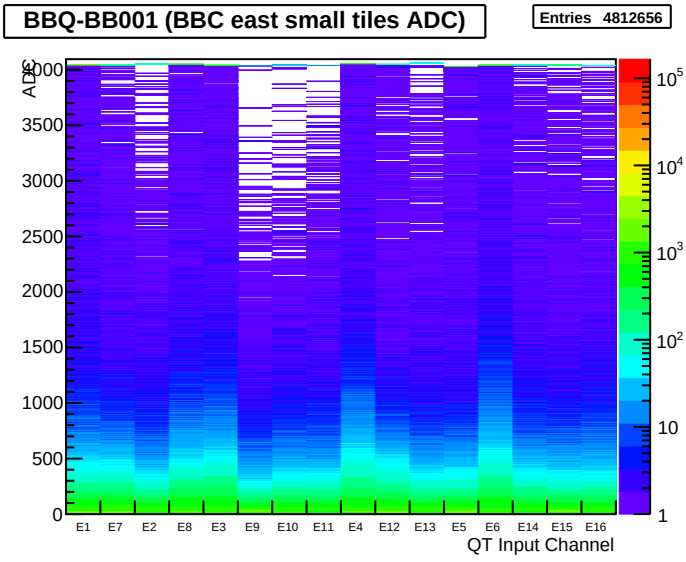

MIX-TF101
Entries 187115
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

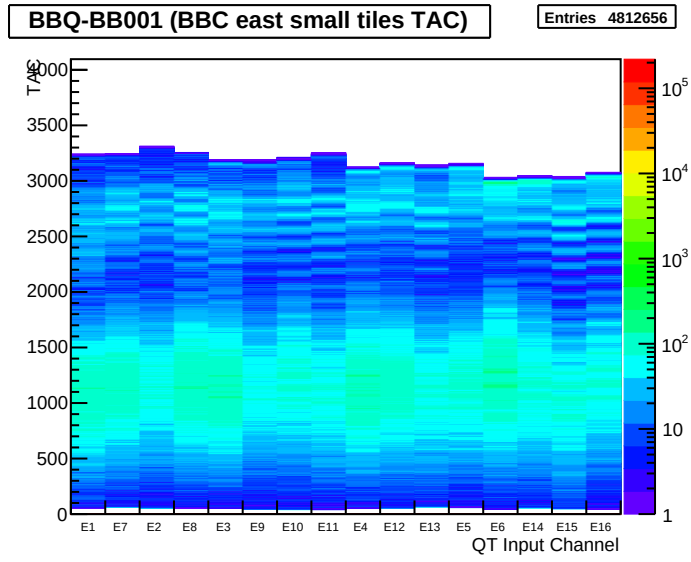

L2-TF201
Entries 300791
TOF total mult

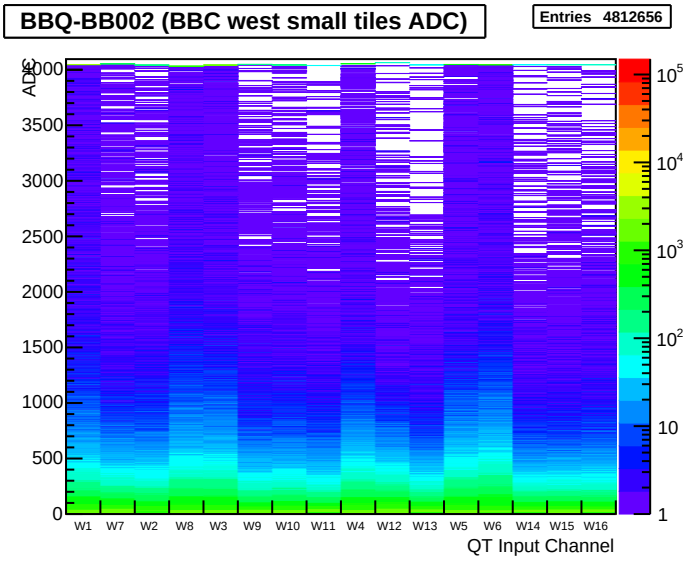

L2-TF201
Entries 0
TOF total mult(Real-Simu)

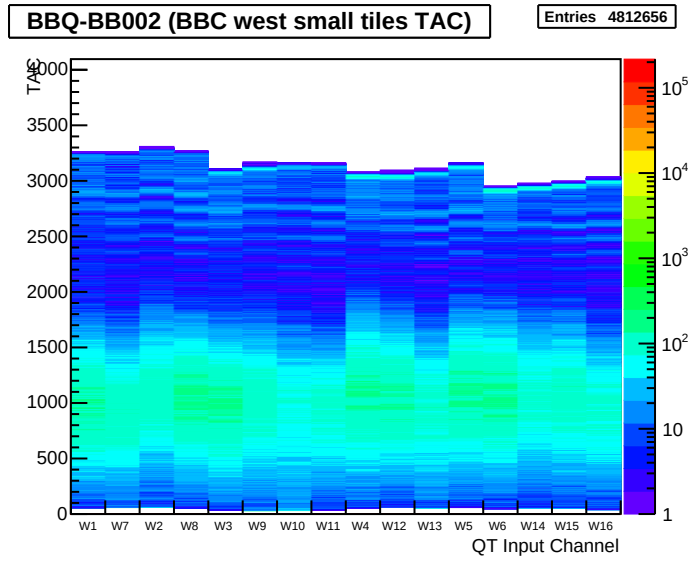

L2-TF201
Entries 2105537
Threshold/UPC bits
264734
268549
265005
266991
265787
262679
288012
36057
32242
35786
33800
35004
38112
12779
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

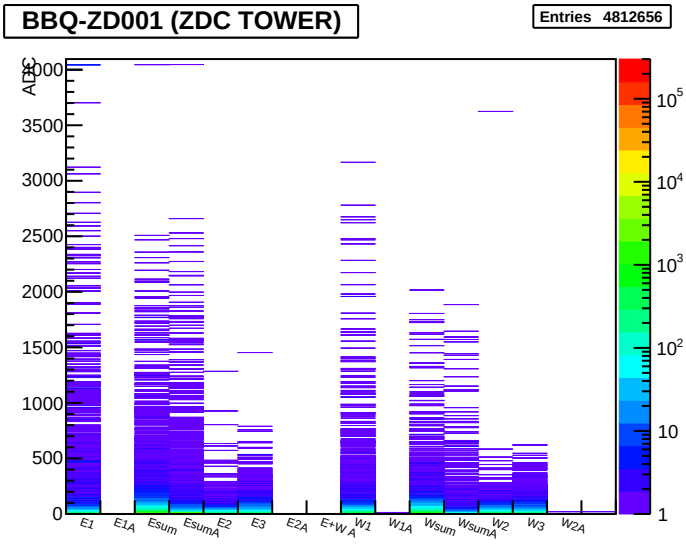

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

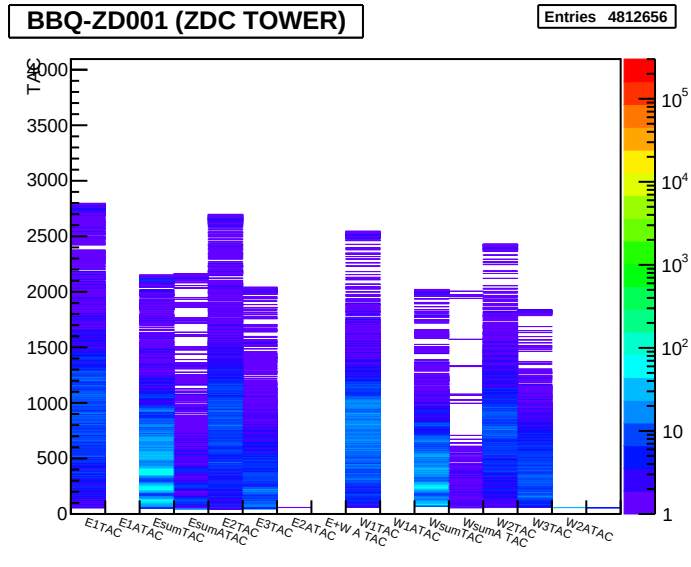

BBQ-BB001 (BBC east small tiles ADC)
Entries 4812656
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

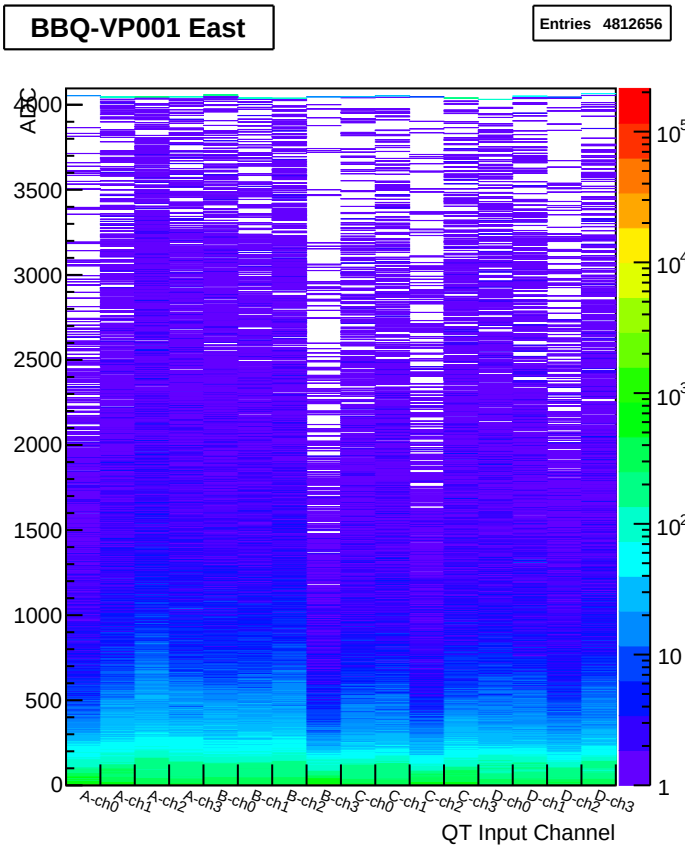

BBQ-BB001 (BBC east small tiles TAC)
Entries 4812656
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

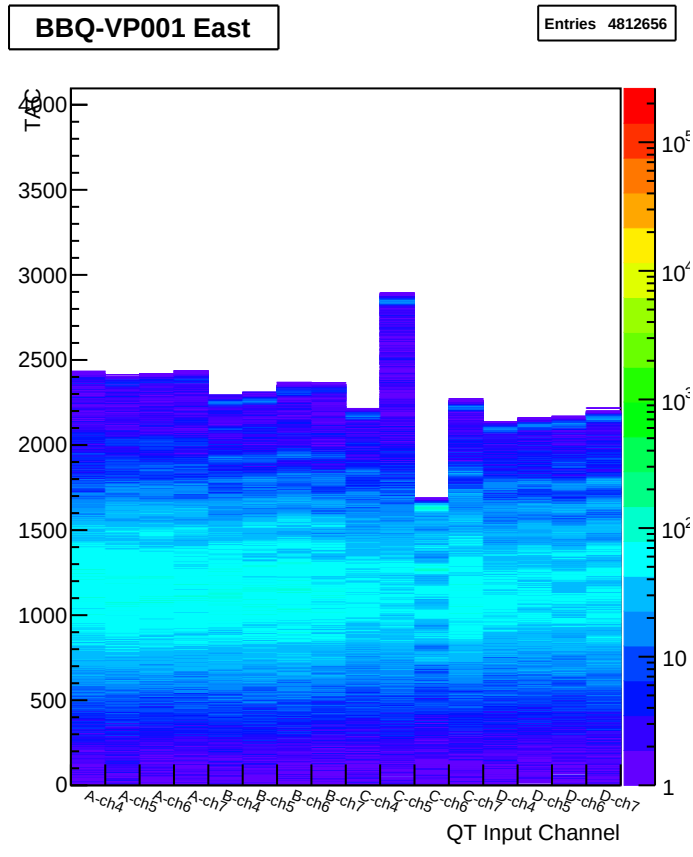

BBQ-BB002 (BBC west small tiles ADC)
Entries 4812656
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

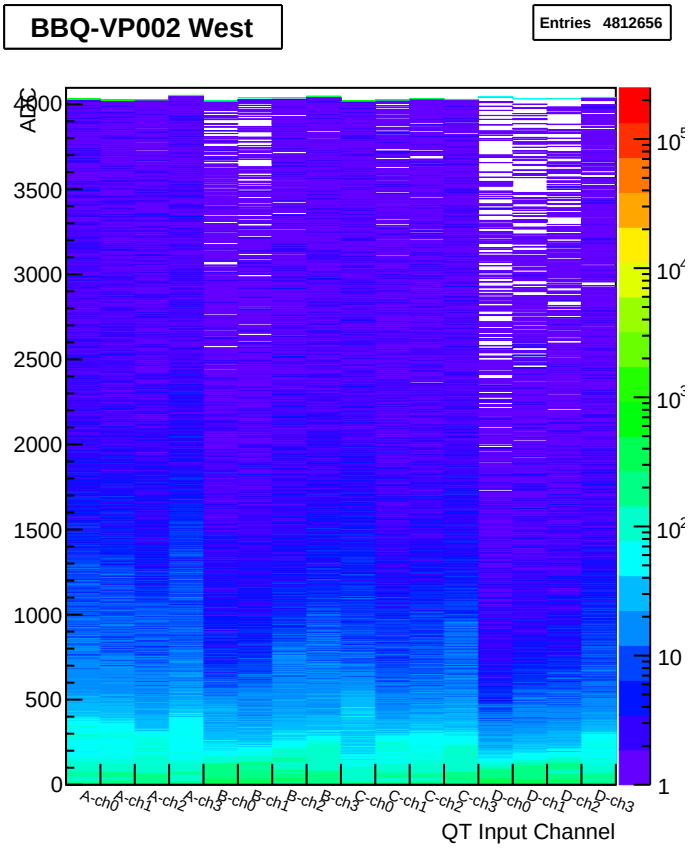

BBQ-BB002 (BBC west small tiles TAC)
Entries 4812656
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

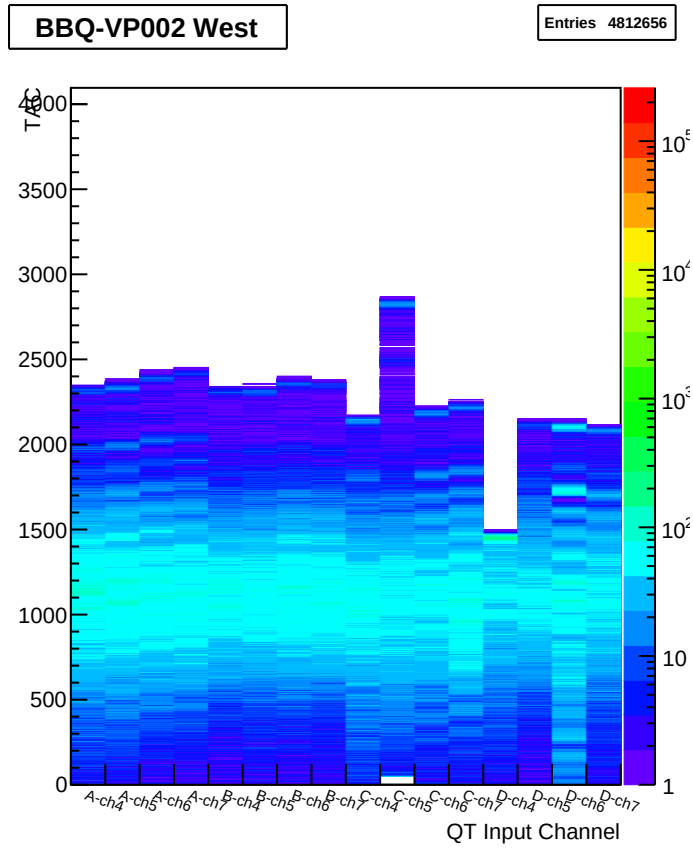

BBQ-ZD001 (ZDC TOWER)
Entries 4812656
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

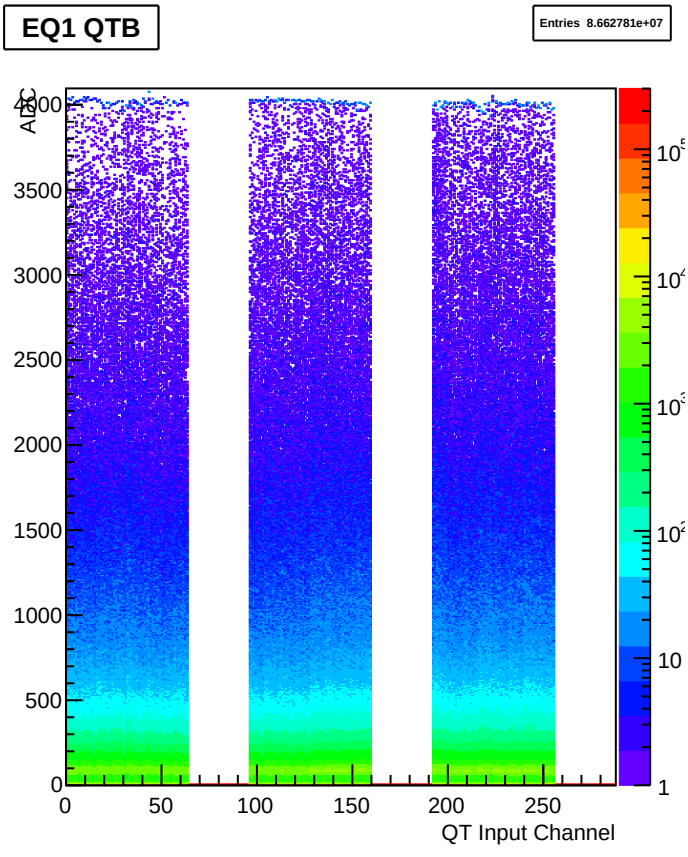

BBQ-ZD001 (ZDC TOWER)
Entries 4812656
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

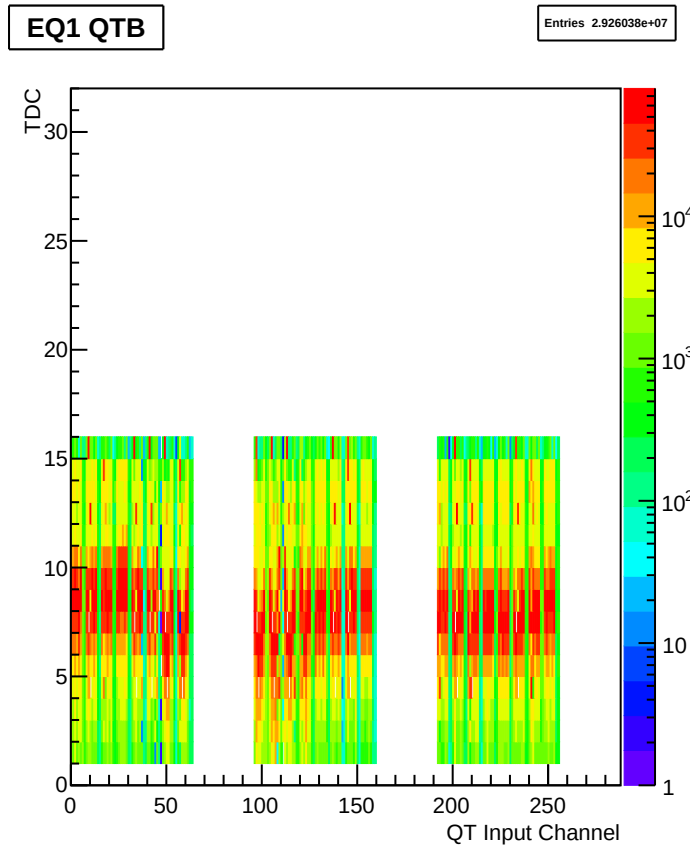

BBQ-VP001 East
Entries 4812656
ADC
QT Input Channel

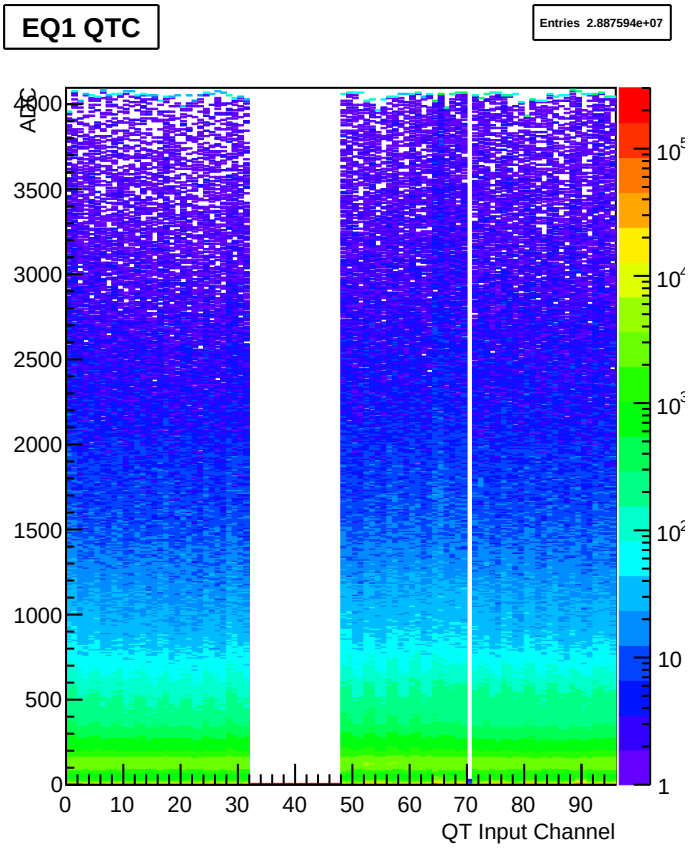

BBQ-VP001 East
Entries 4812656
TADC
QT Input Channel

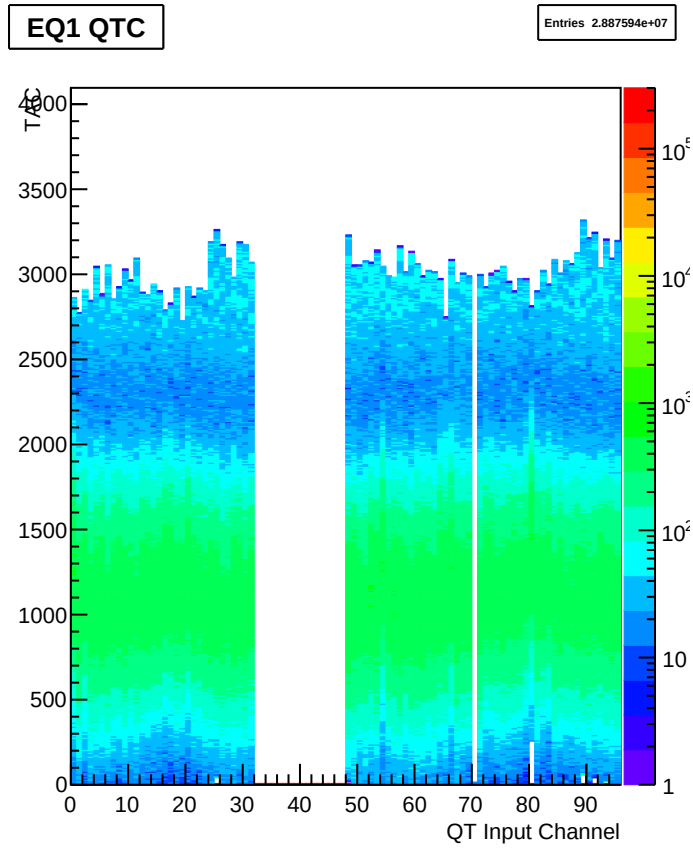

BBQ-VP002 West
Entries 4812656
ADC
QT Input Channel

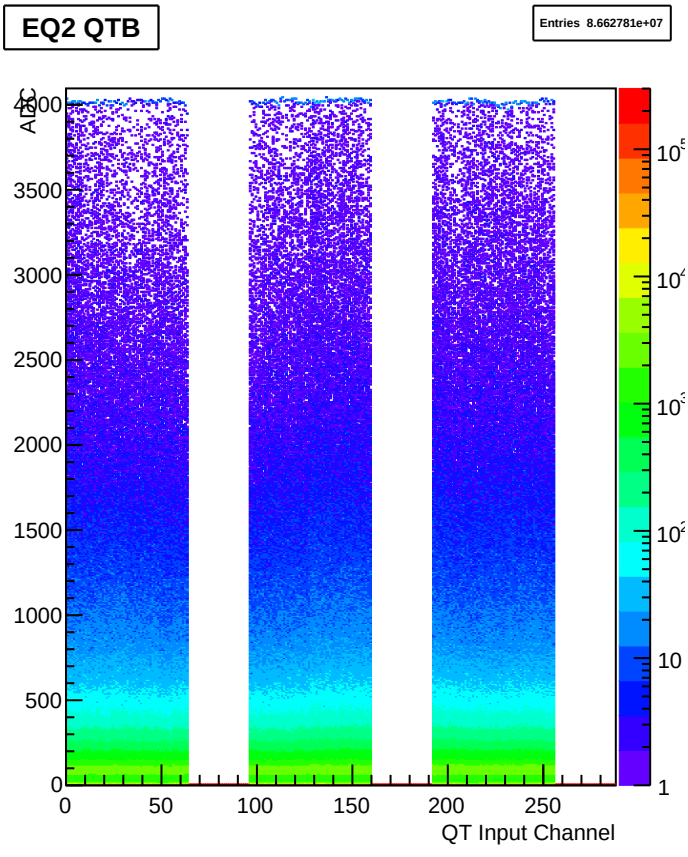

BBQ-VP002 West
Entries 4812656
TADC
QT Input Channel

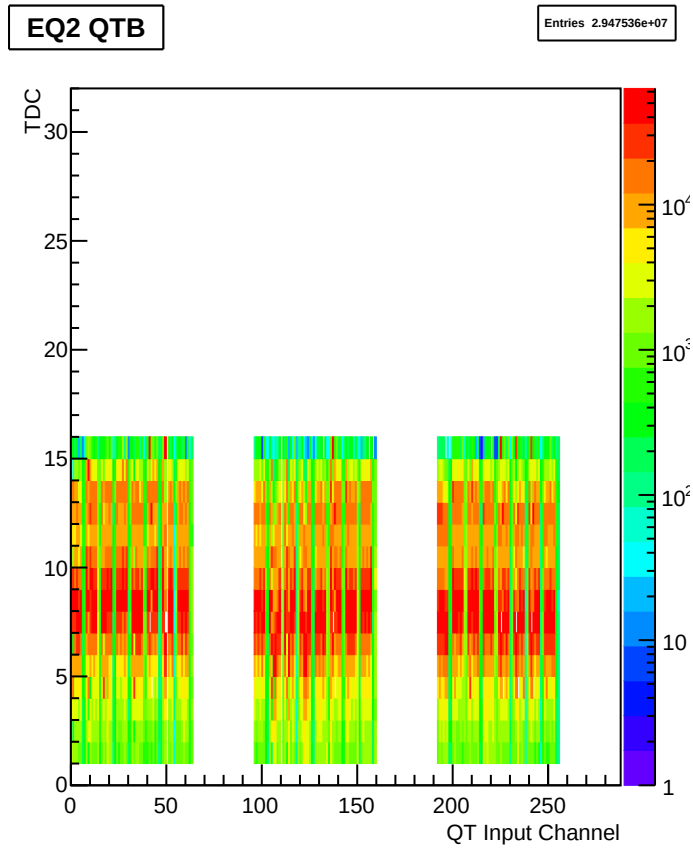

EQ1 QTB
Entries 8.662781e+07
ADC
QT Input Channel

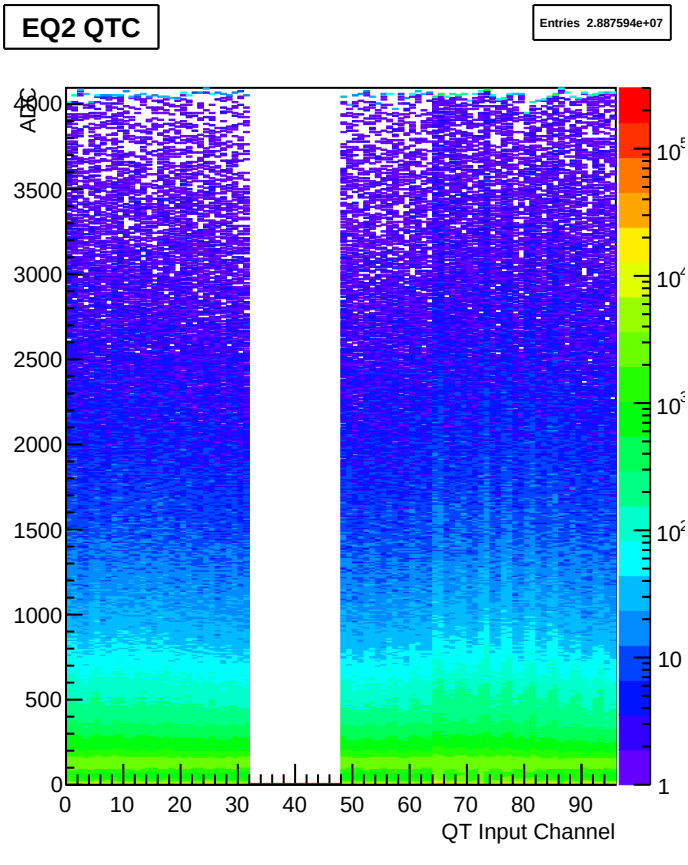

EQ1 QTB
Entries 2.926038e+07
TDC
QT Input Channel

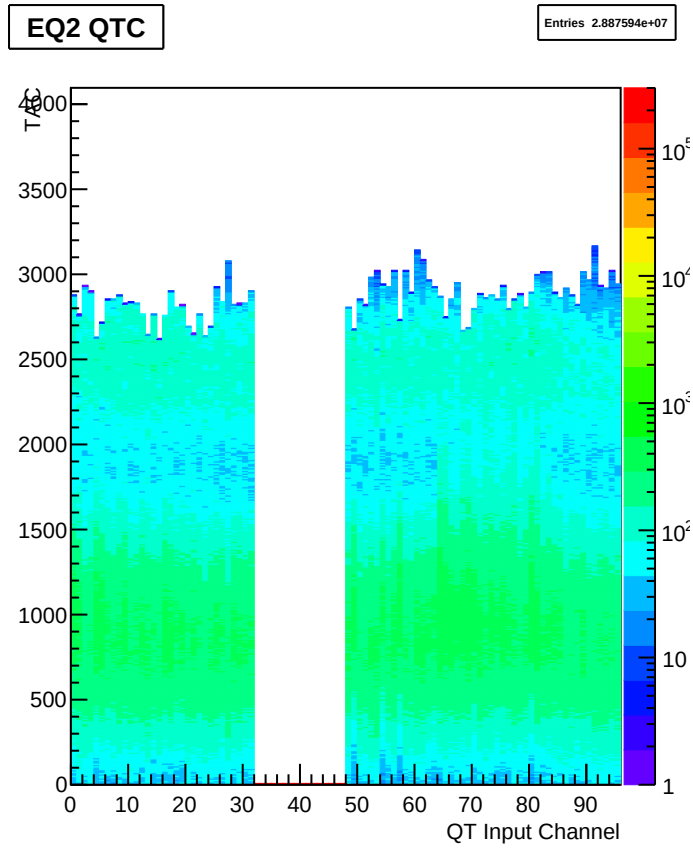

EQ1 QTC
Entries 2.887594e+07
ADC
QT Input Channel

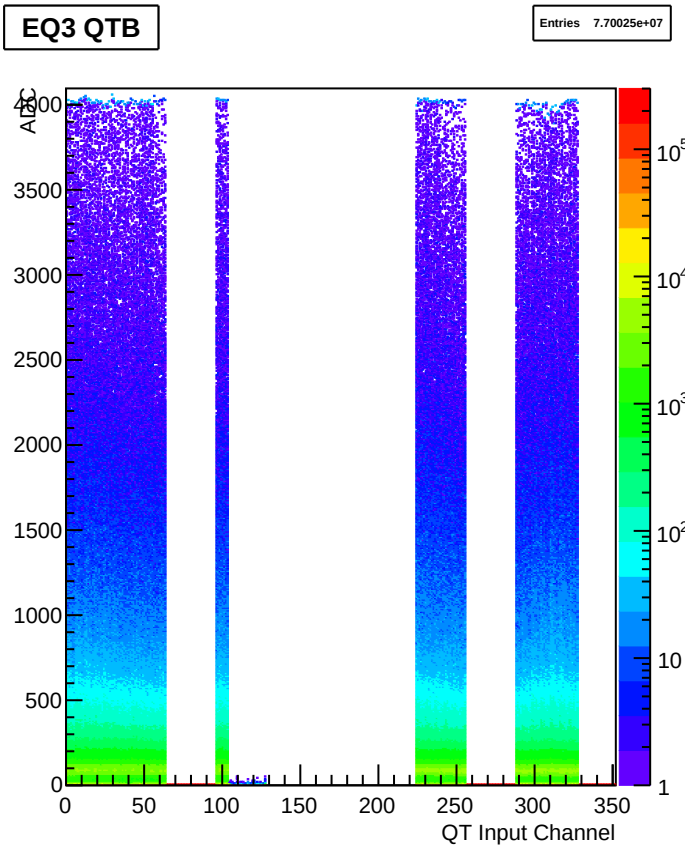

EQ1 QTC
Entries 2.887594e+07
TADC
QT Input Channel

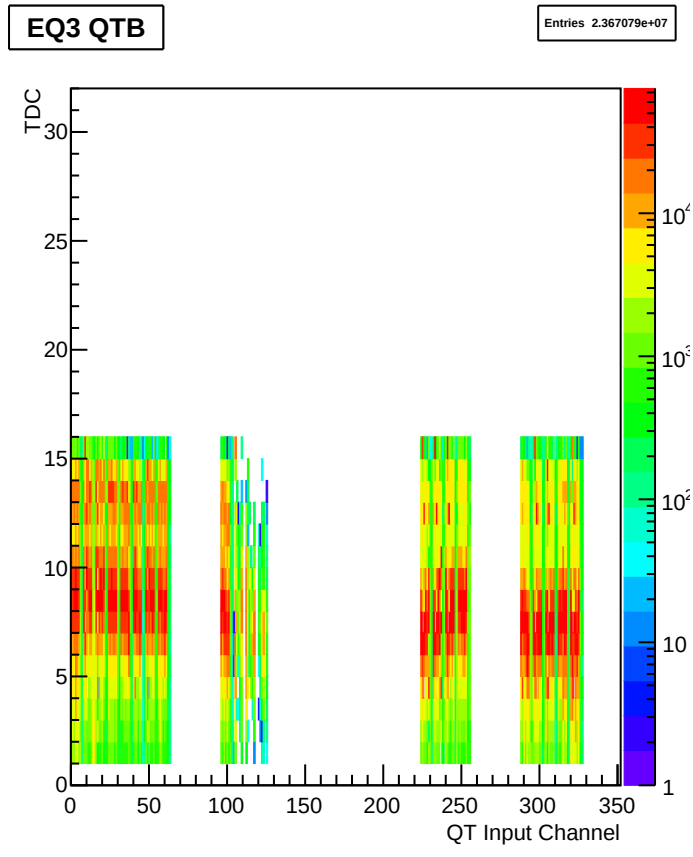

EQ2 QTB
Entries 8.662781e+07
ADC
QT Input Channel

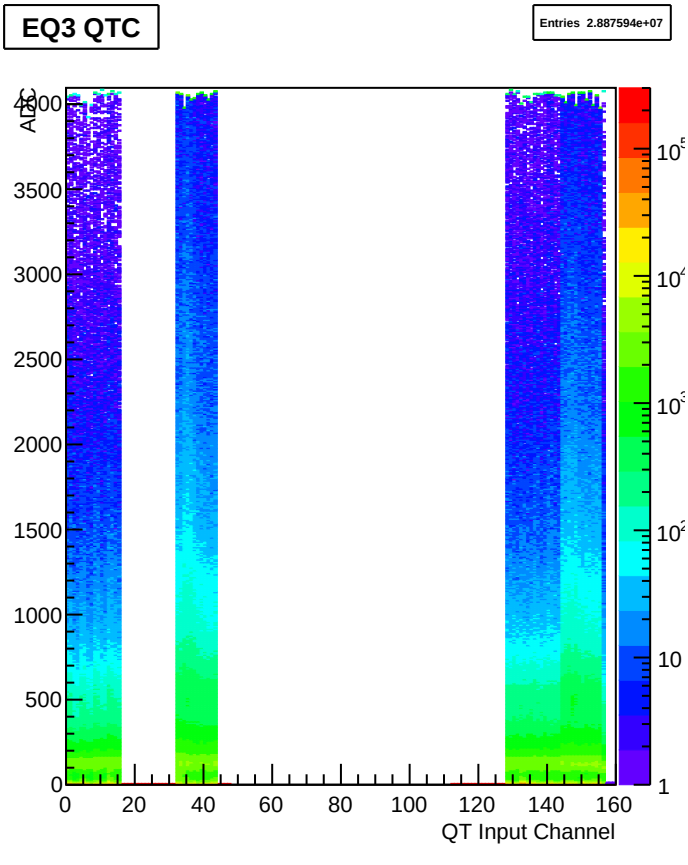

EQ2 QTB
Entries 2.947536e+07
TDC
QT Input Channel

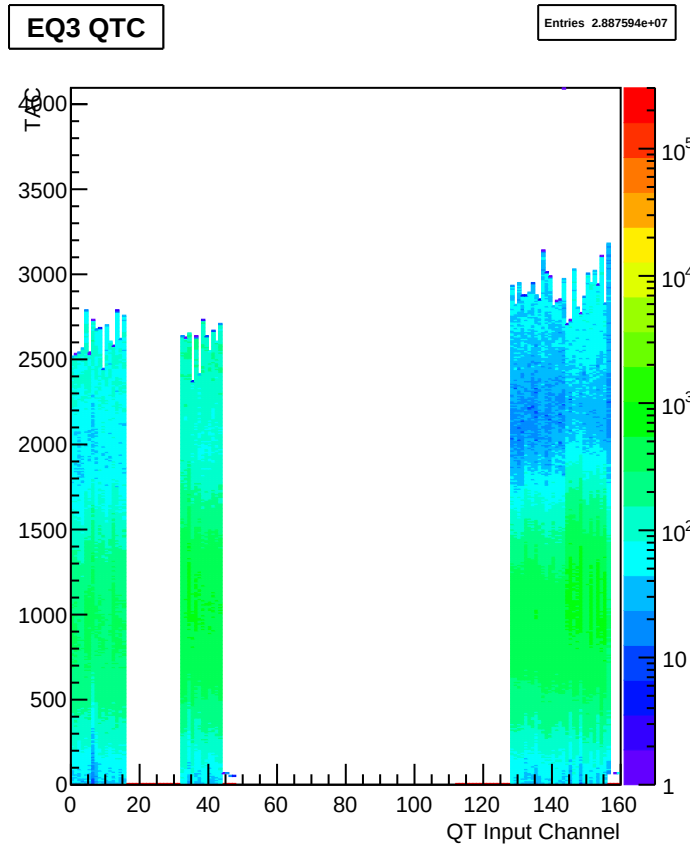

EQ2 QTC
Entries 2.887594e+07
ADC
QT Input Channel

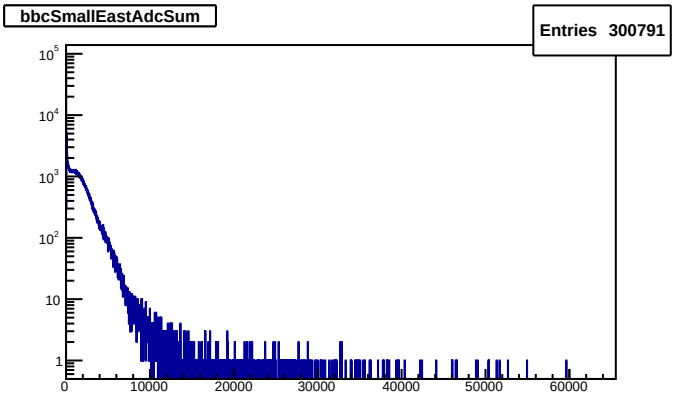

EQ2 QTC
Entries 2.887594e+07
TADC
QT Input Channel

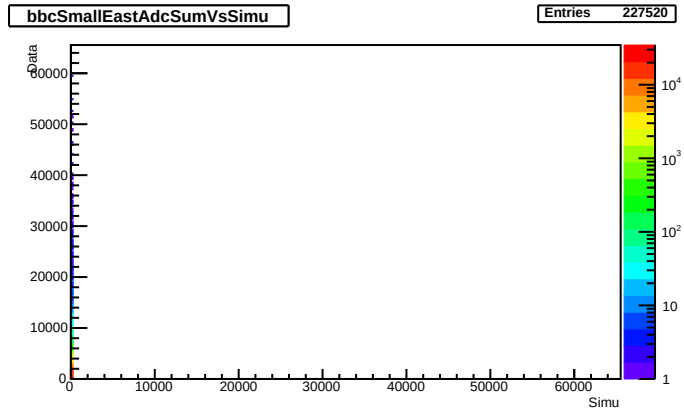

EQ3 QTB
Entries 7.70025e+07
ADC
QT Input Channel

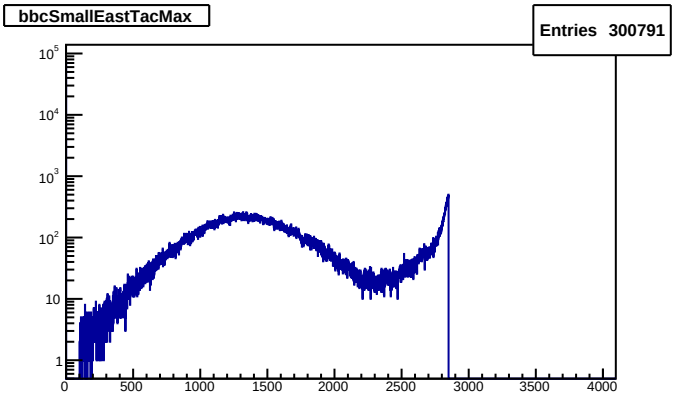

EQ3 QTB
Entries 2.367079e+07
TDC
QT Input Channel

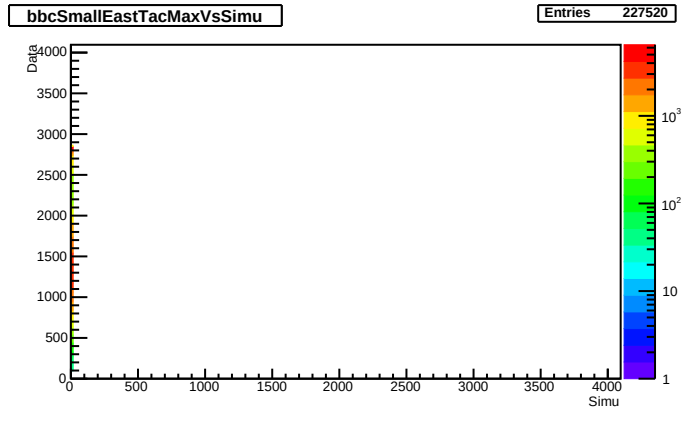

EQ3 QTC
Entries 2.887594e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.887594e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 300791


bbcSmallEastAdcSumVsSimu
Entries 227520
Data
Simu


bbcSmallEastTacMax
Entries 300791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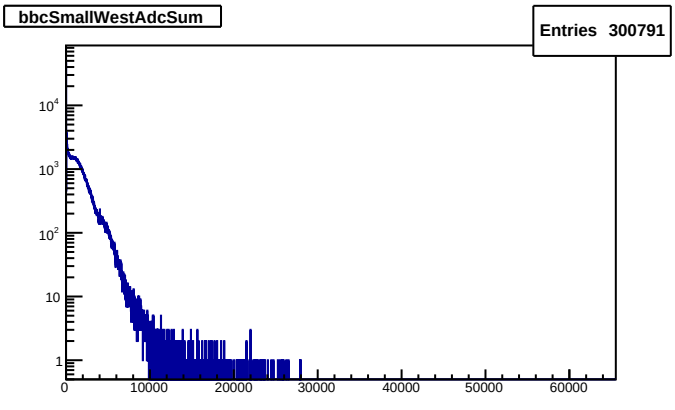
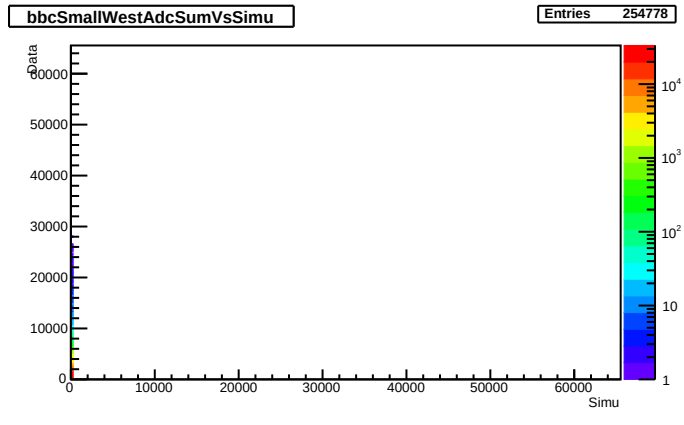
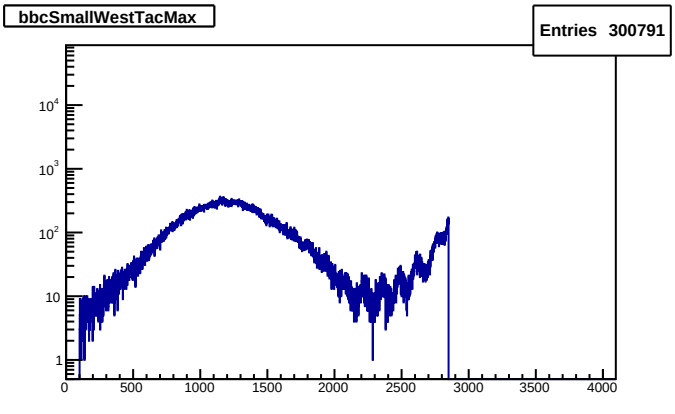
Entries 227520
Data
Simu


bbcSmallWestAdcSum
Entries 300791


bbcSmallWestAdcSumVsSimu
Entries 254778
Data
Simu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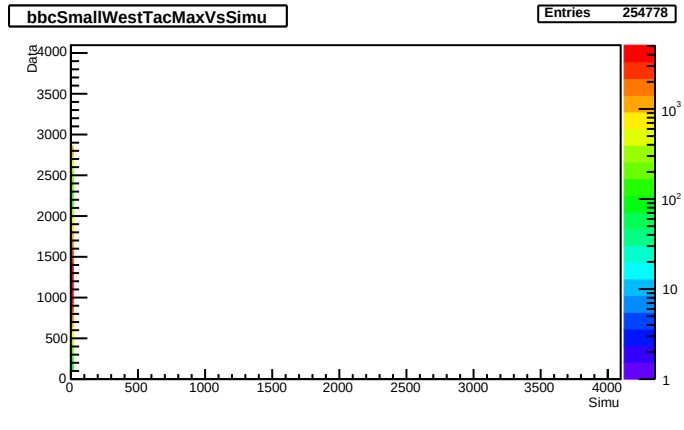
Entries 300791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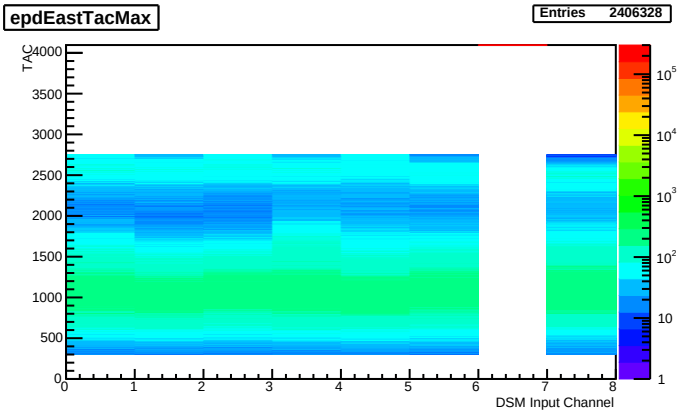
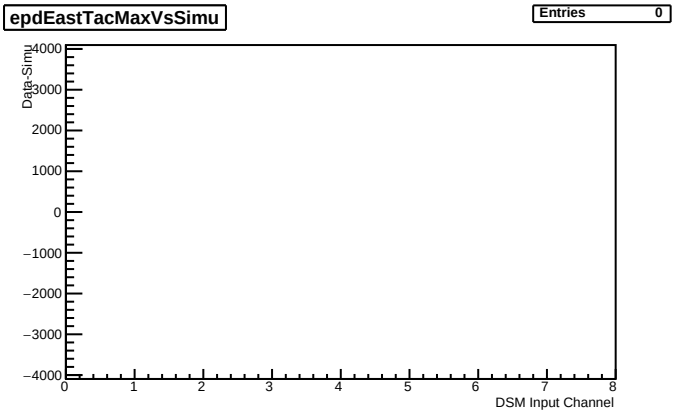
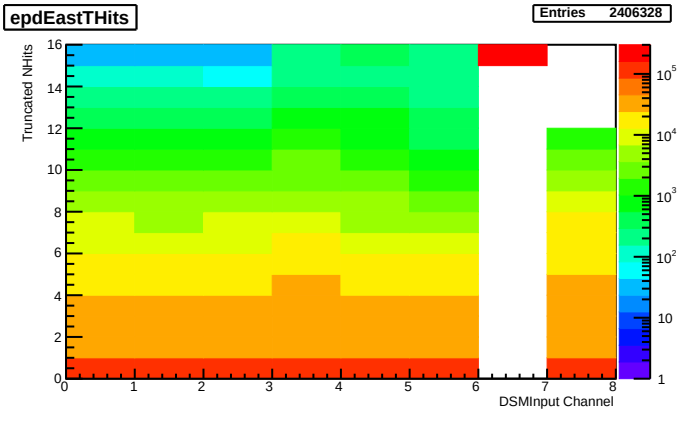
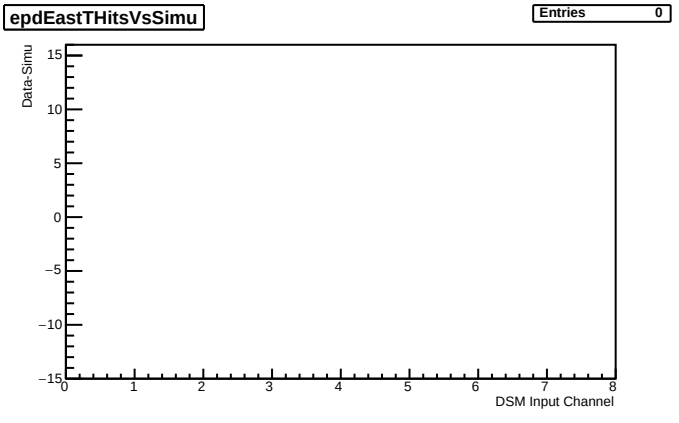
Entries 254778
Data
Simu


epdEastTacMax
Entries 2406328
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2406328
Truncated NHits
DSMInput Channel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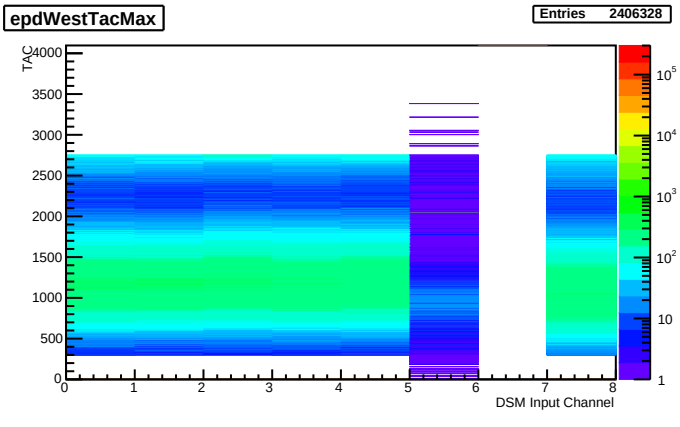
DSM Input Channel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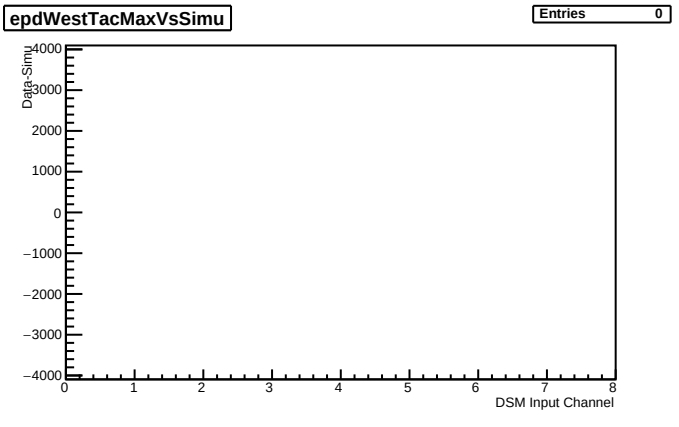
Entries 2406328
TAC
DSM Input Channel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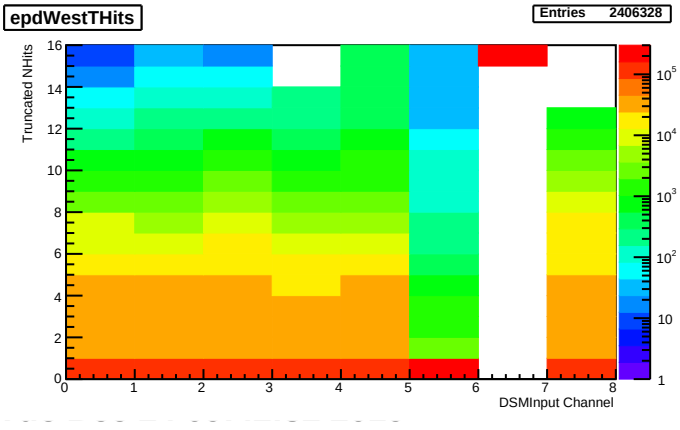
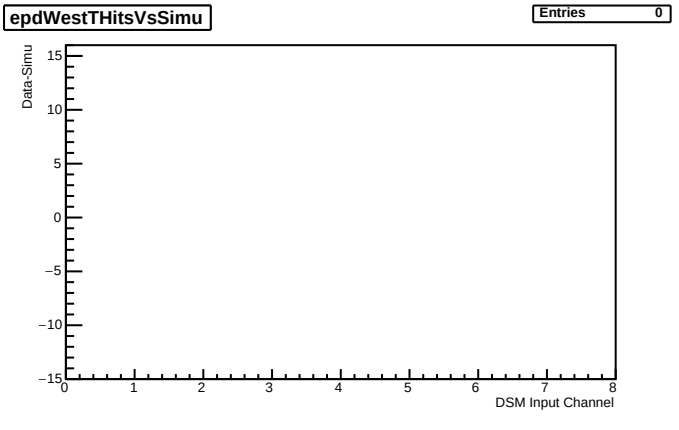
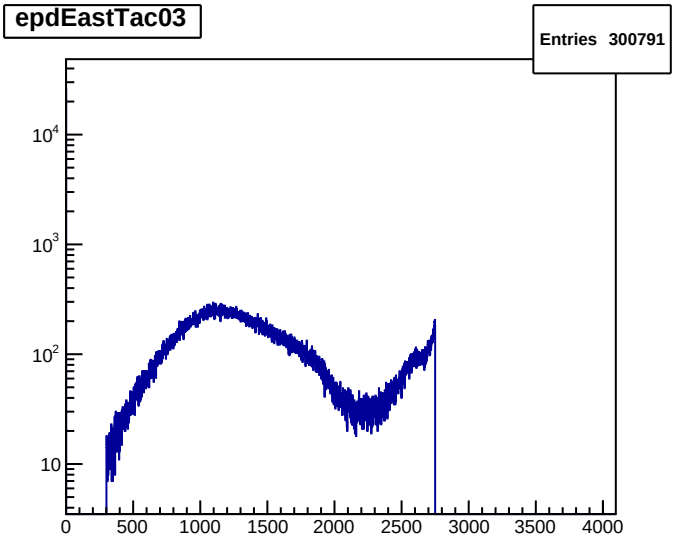
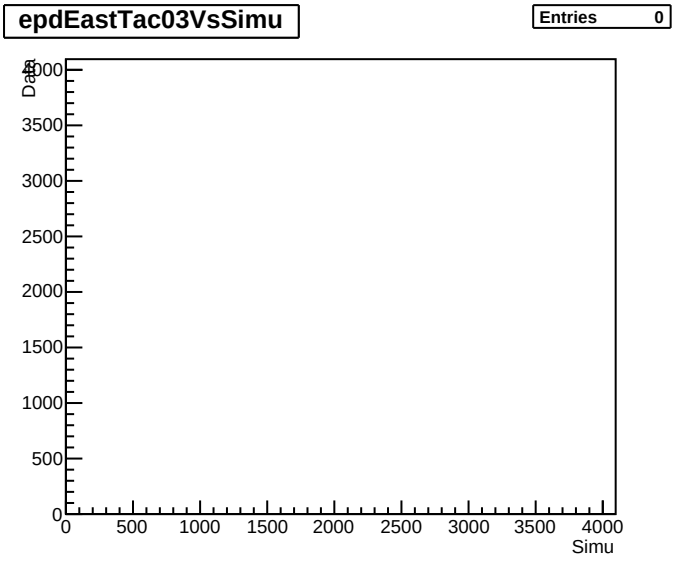
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2406328
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 300791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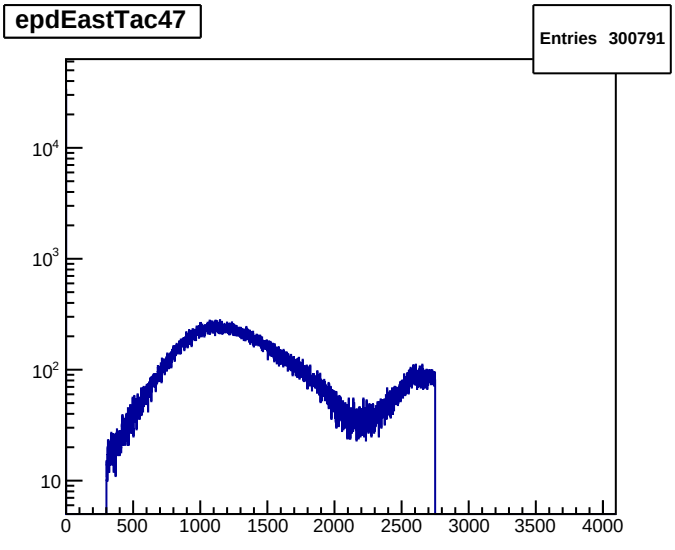
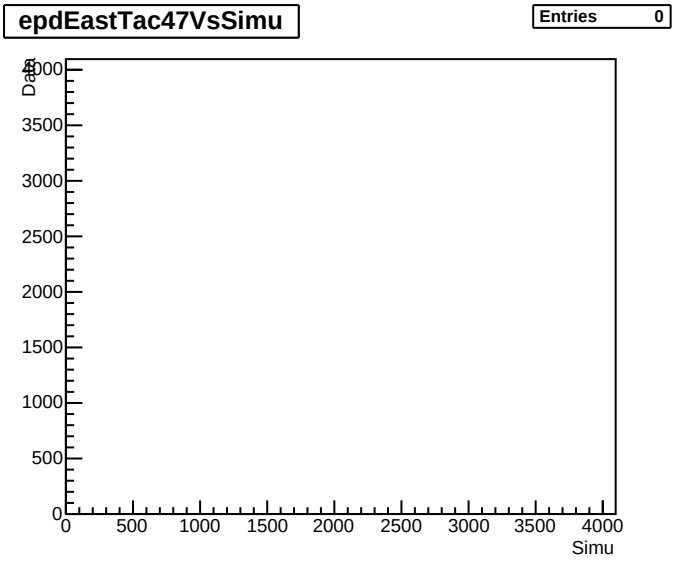
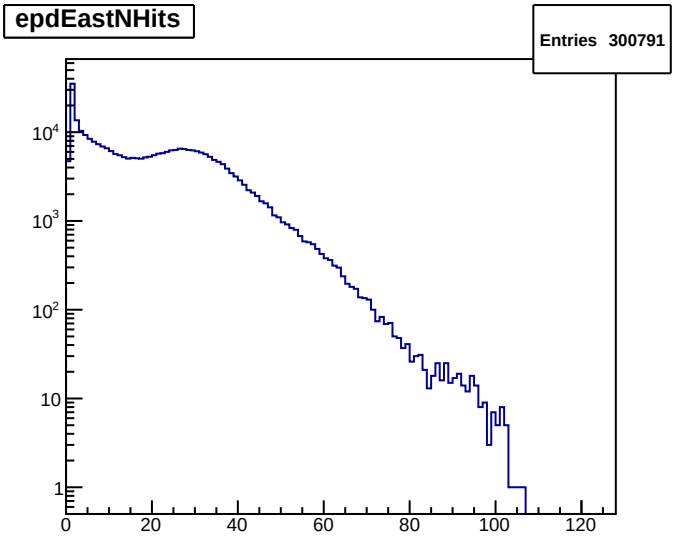
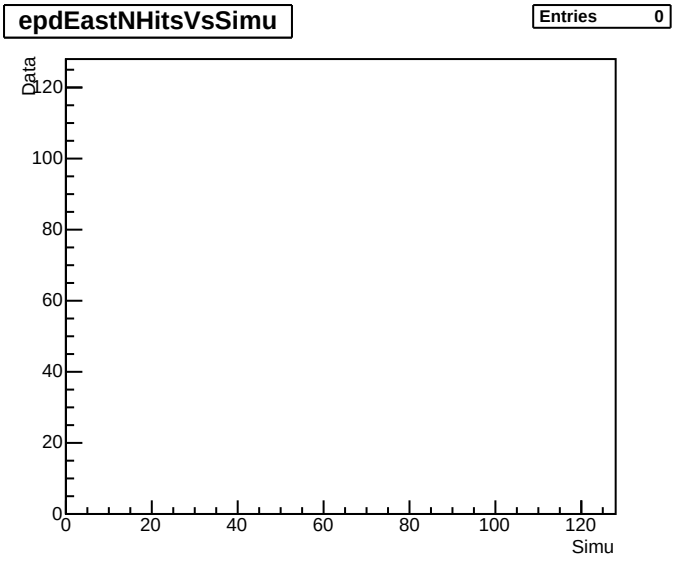
Entries 0
Data
Simu


epdEastTac47
Entries 300791


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 300791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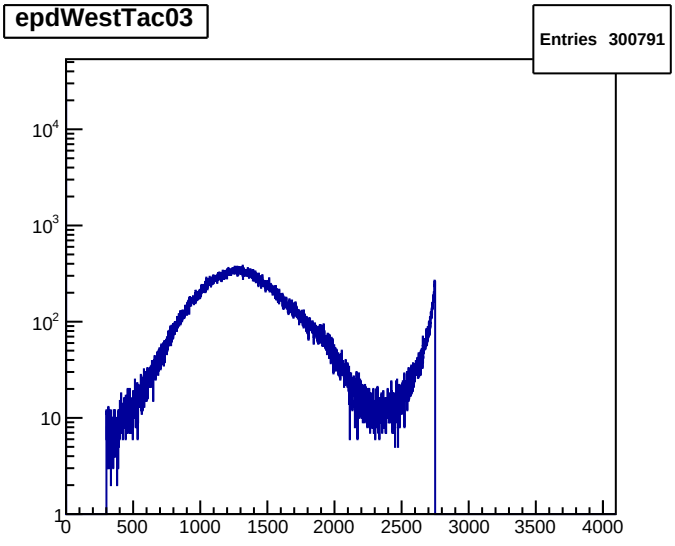
Entries 0
Data
Simu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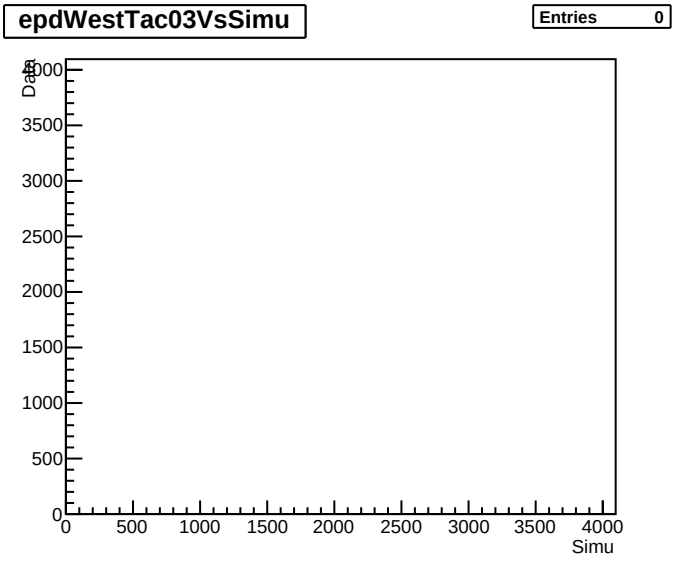
Entries 300791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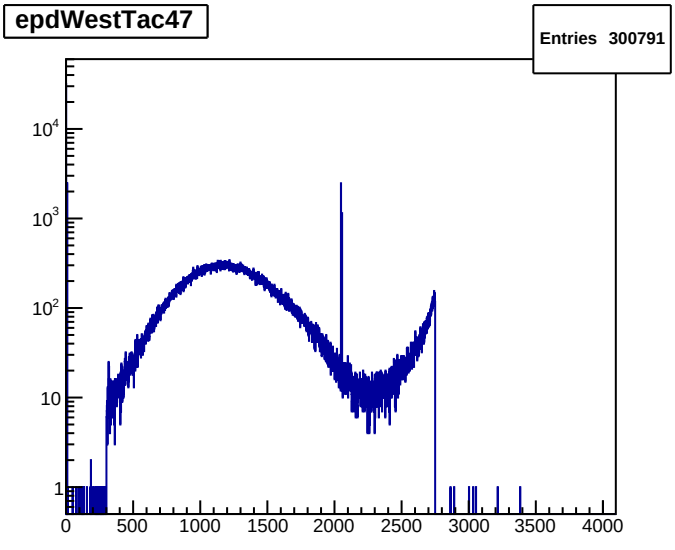
Entries 0
Data
Simu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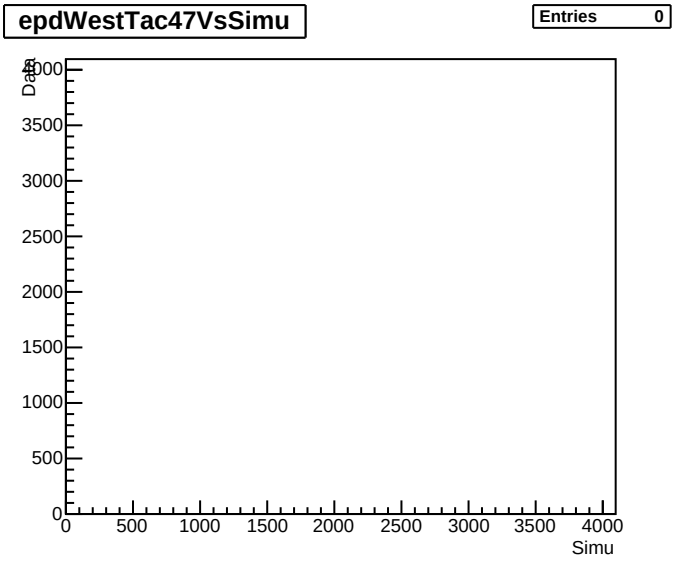
Entries 300791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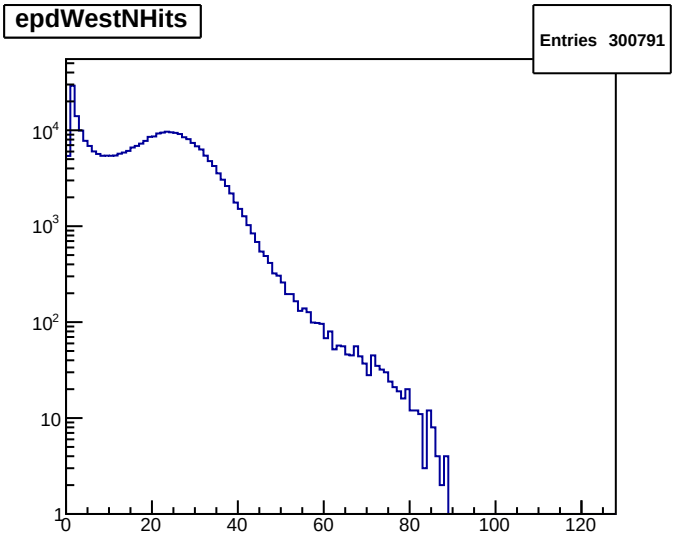
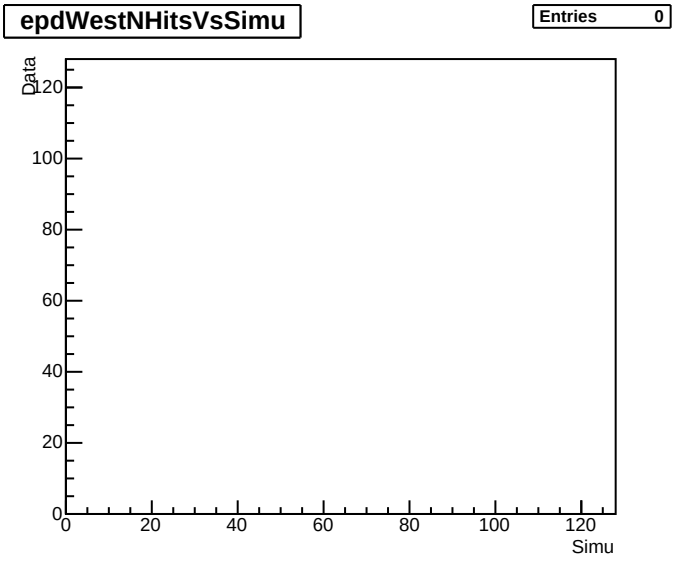
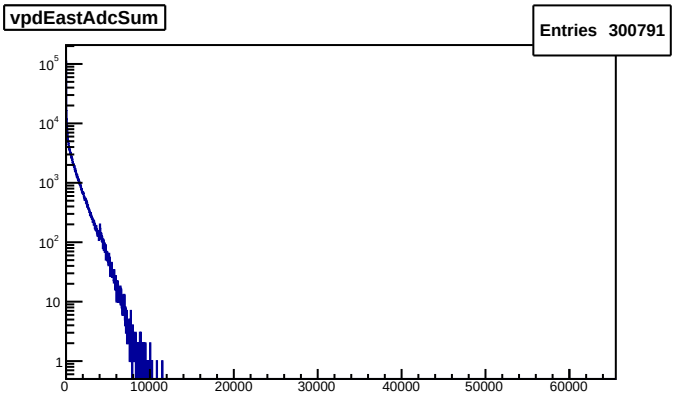
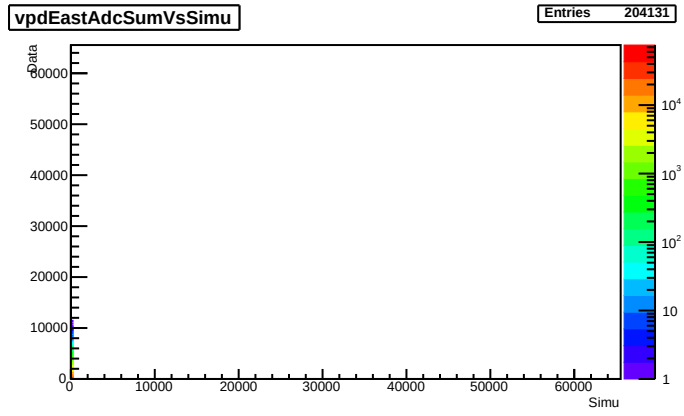
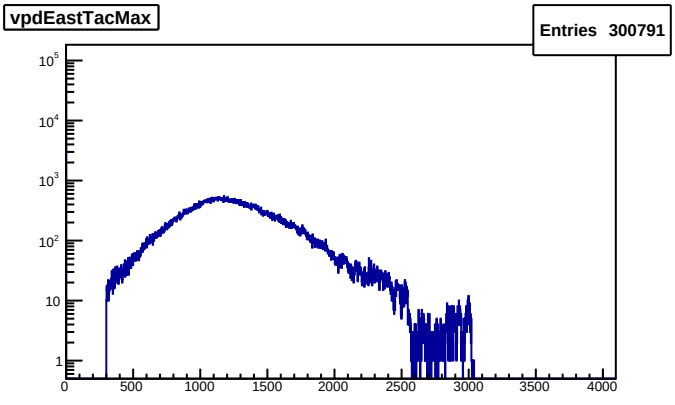
Entries 0
Data
Simu

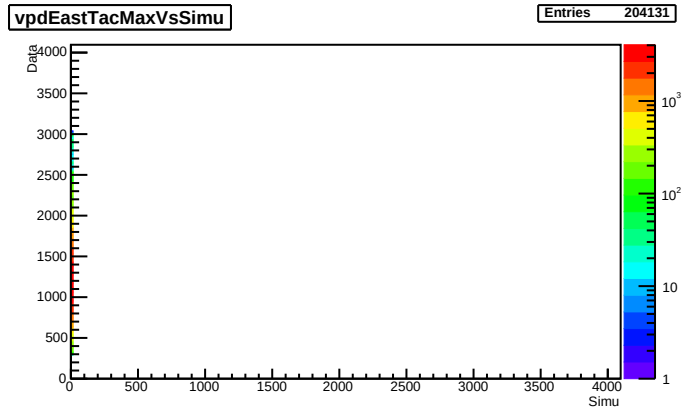

epdWestNHits
Entries 300791

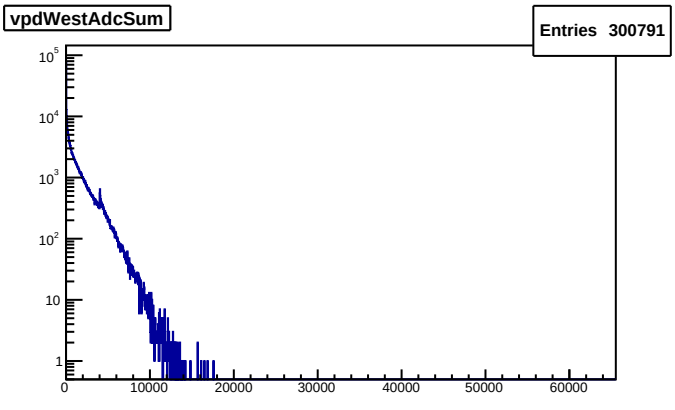

epdWestNHitsVsSimu
Entries 0
Data
Simu

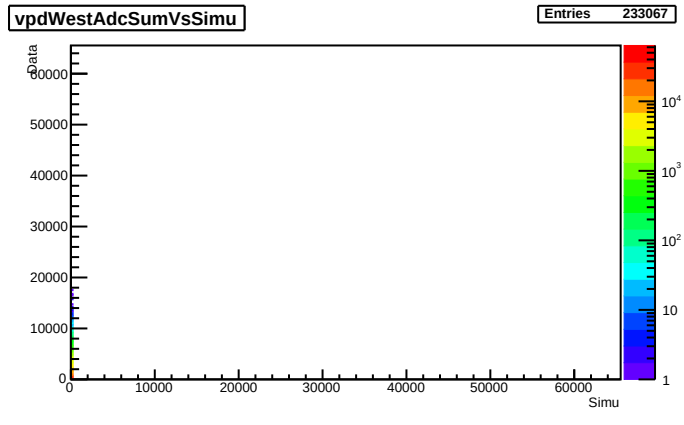

vpdEastAdcSum
Entries 300791

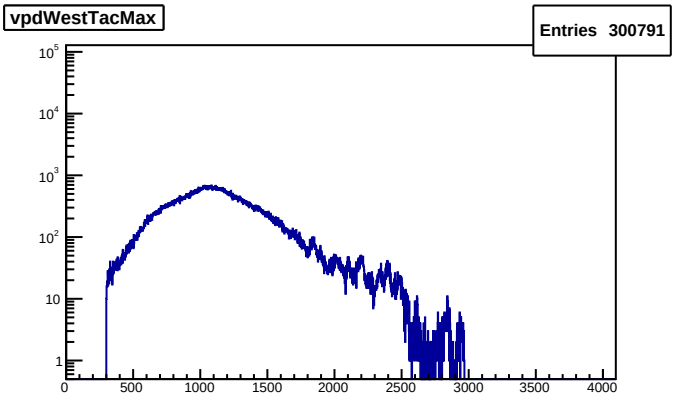

vpdEastAdcSumVsSimu
Entries 204131
Data
Simu

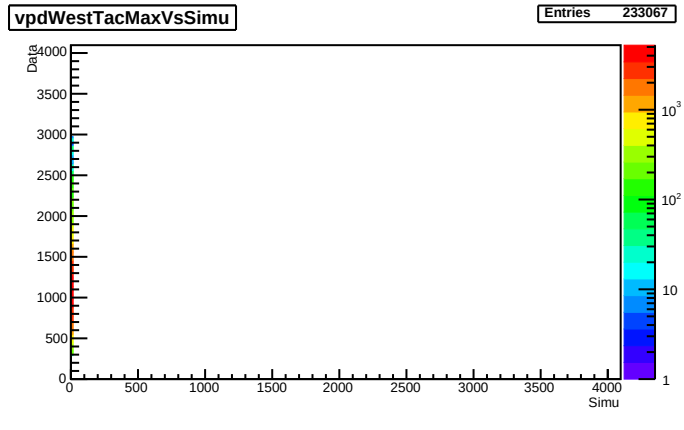

vpdEastTacMax
Entries 300791

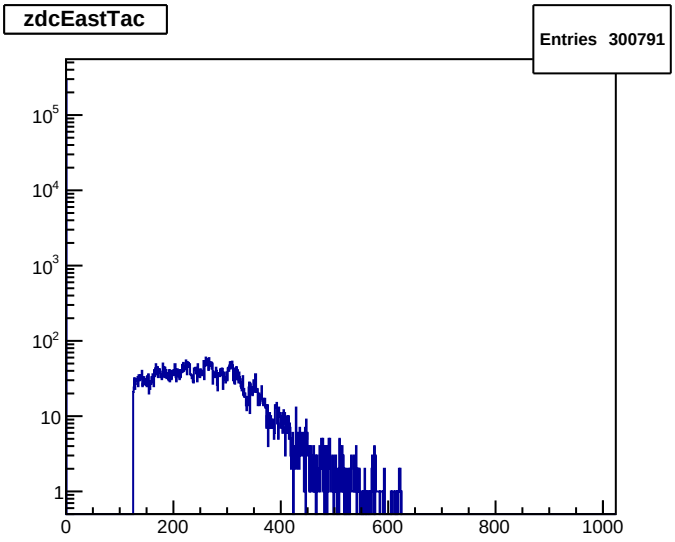

vpdEastTacMaxVsSimu
Entries 204131
Data
Simu

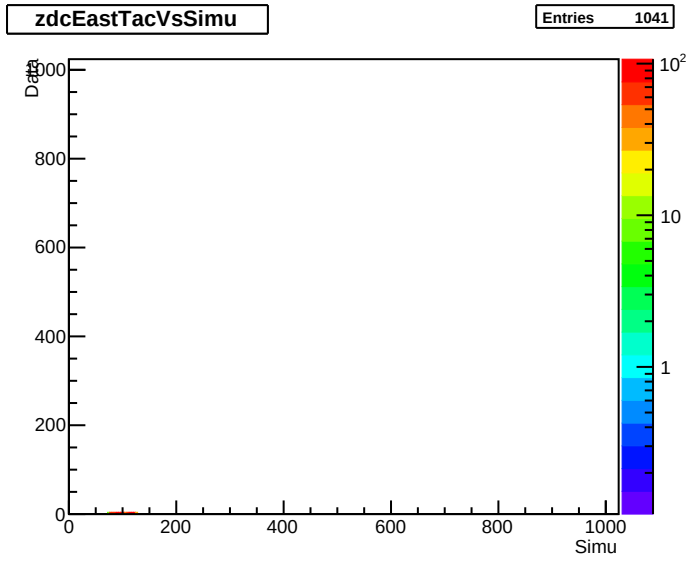

vpdWestAdcSum
Entries 300791

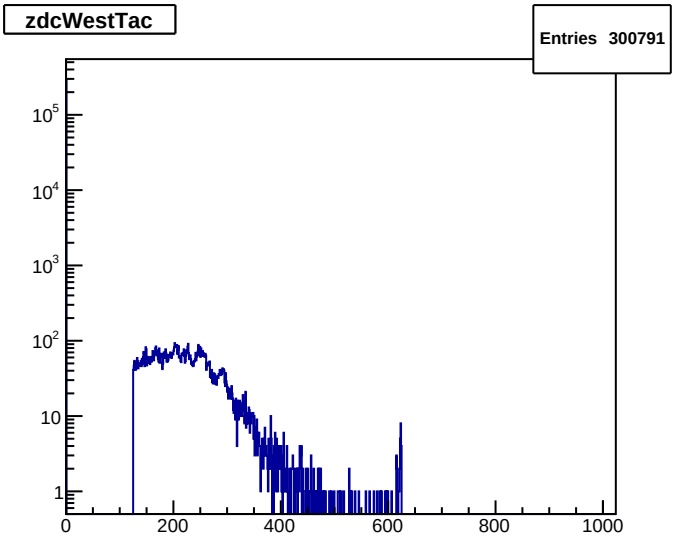

vpdWestAdcSumVsSimu
Entries 233067
Data
Simu

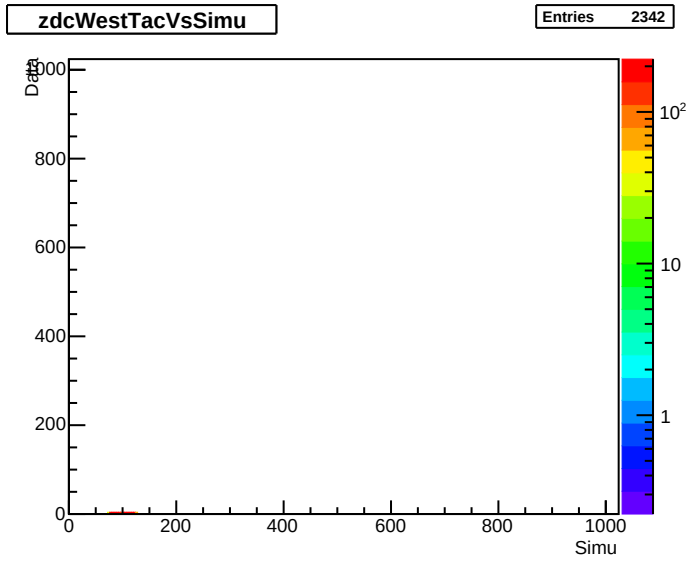

vpdWestTacMax
Entries 300791

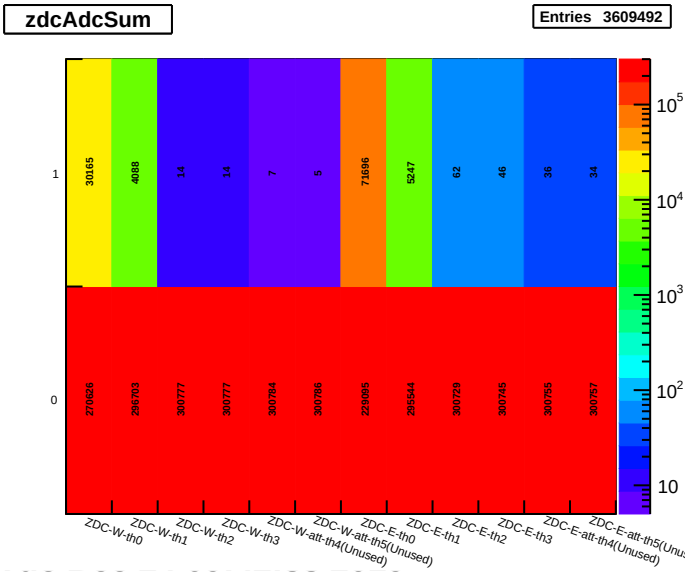

vpdWestTacMaxVsSimu
Entries 233067
Data
Simu

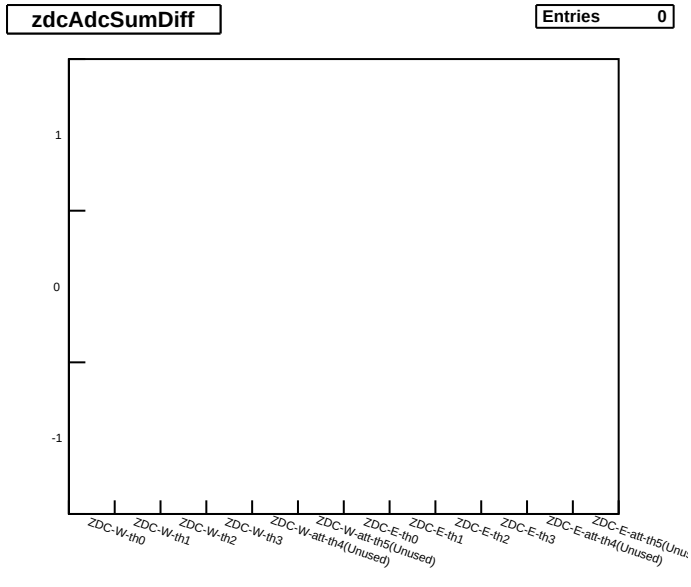

zdcEastTac
Entries 300791

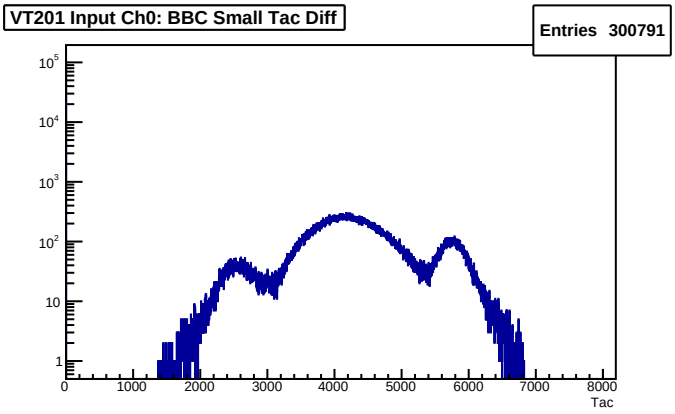

zdcEastTacVsSimu
Entries 1041
Data
Simu

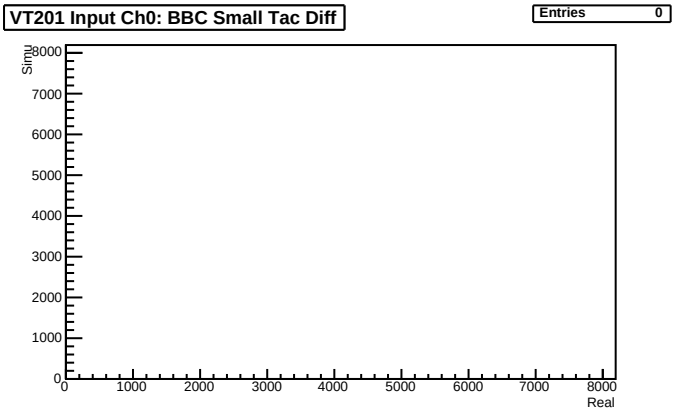

zdcWestTac
Entries 300791

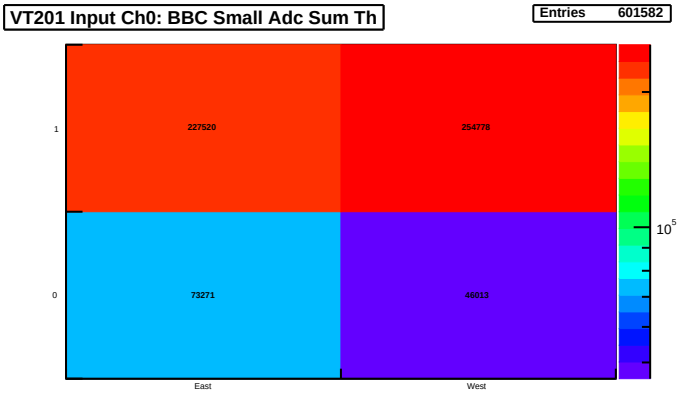

zdcWestTacVsSimu
Entries 2342
Data
Simu

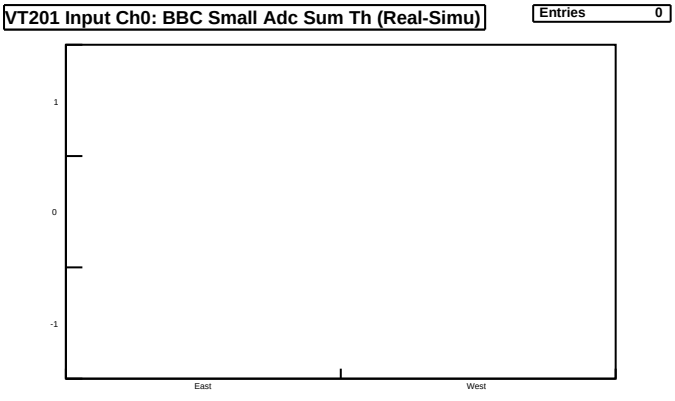

zdcAdcSum
Entries 3609492
30165
4088
14
14
7
5
71696
5247
62
46
36
34
270626
296703
300777
300777
300784
300786
229095
295544
300729
300745
300755
300757
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

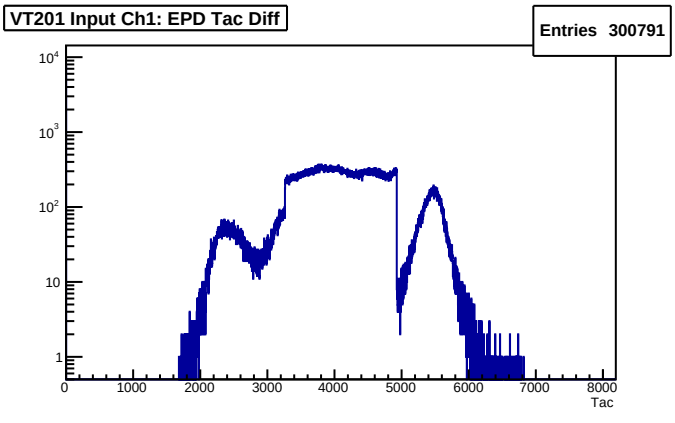

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

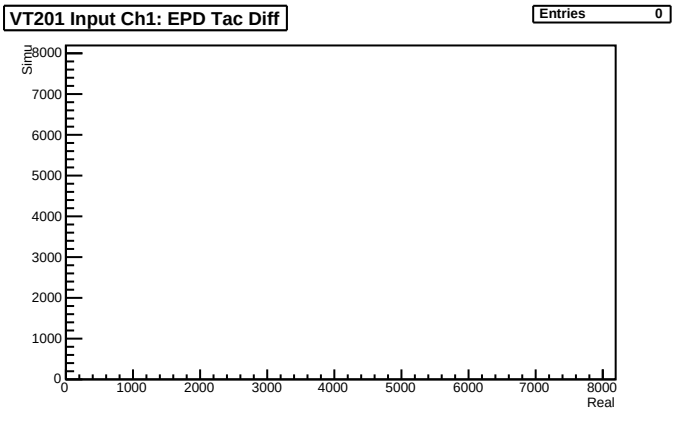

VT201 Input Ch0: BBC Small Tac Diff
Entries 300791
Tac

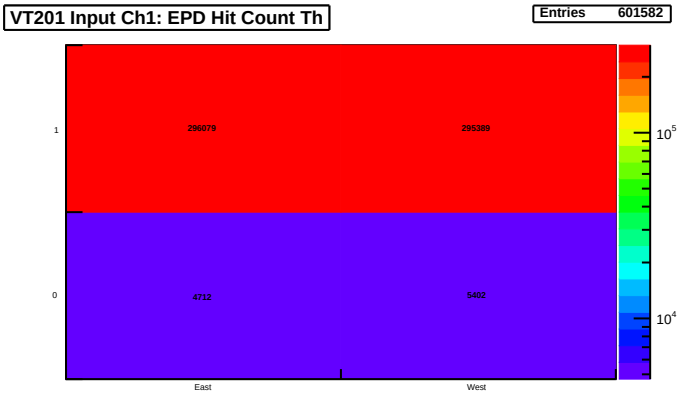

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

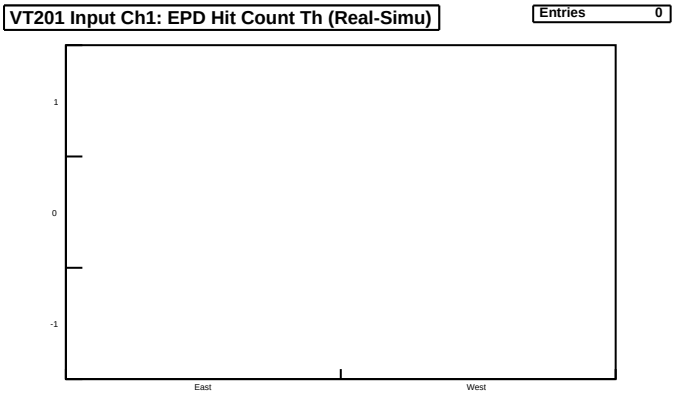

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 601582
227520
254778
73271
46013
East
West

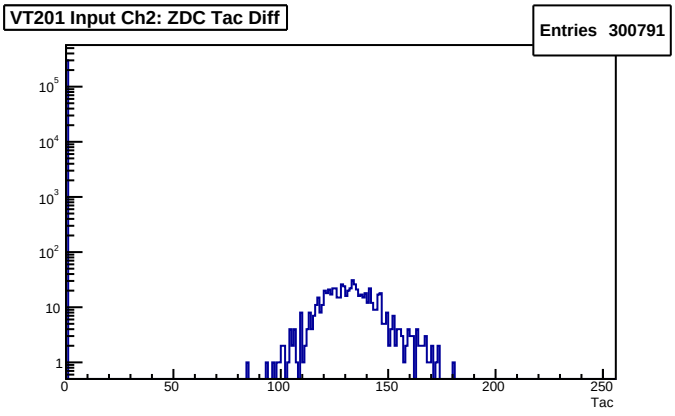

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

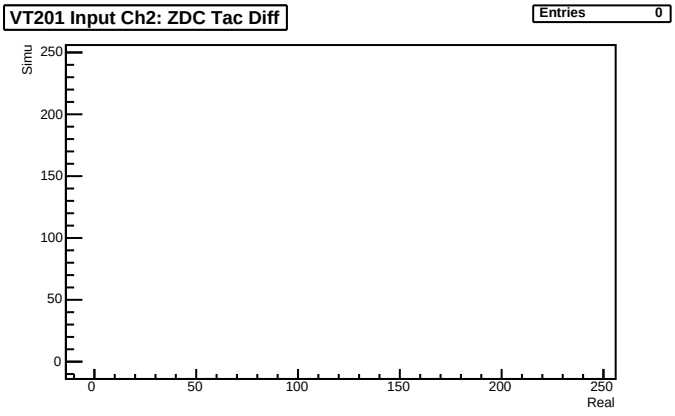

VT201 Input Ch1: EPD Tac Diff
Entries 300791
Tac

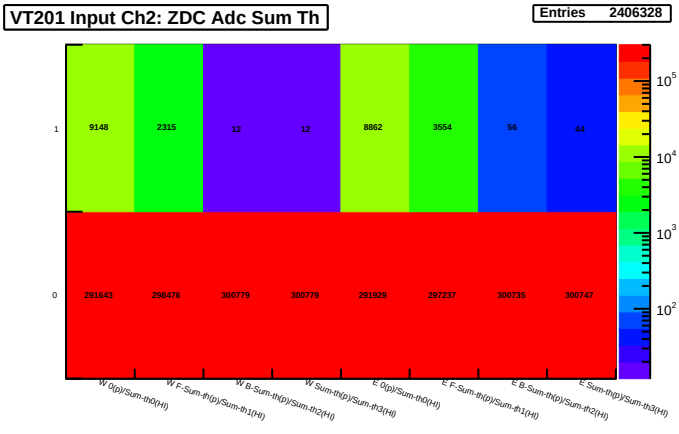

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

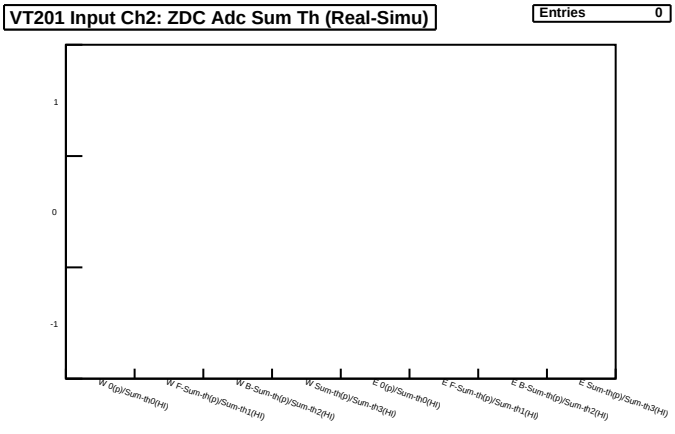

VT201 Input Ch1: EPD Hit Count Th
Entries 601582
296079
295389
4712
5402
East
West

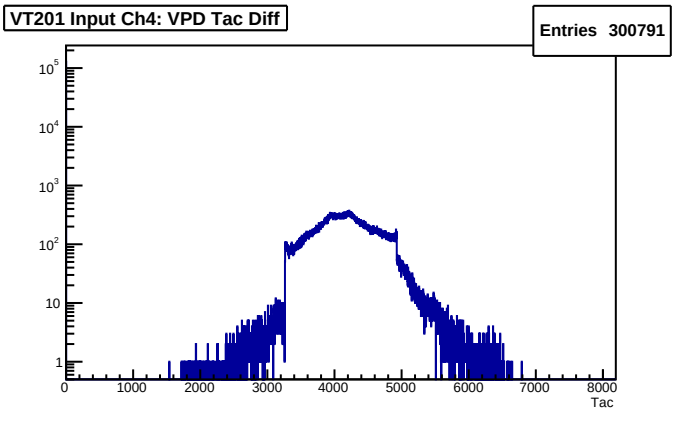

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

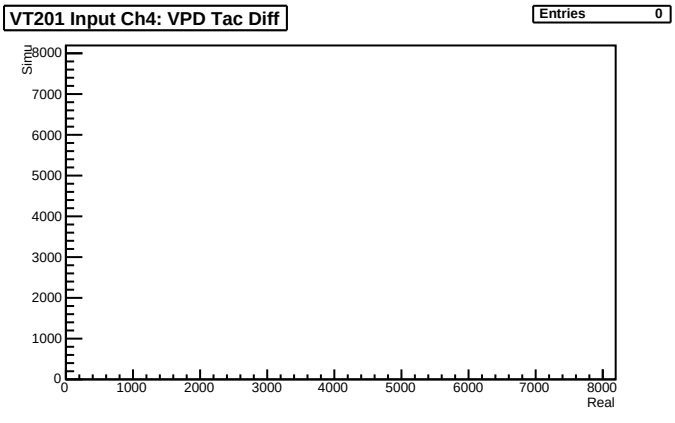

VT201 Input Ch2: ZDC Tac Diff
Entries 300791
Tac

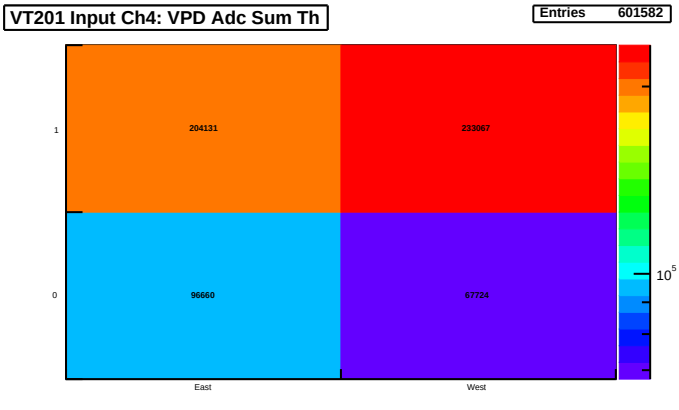

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

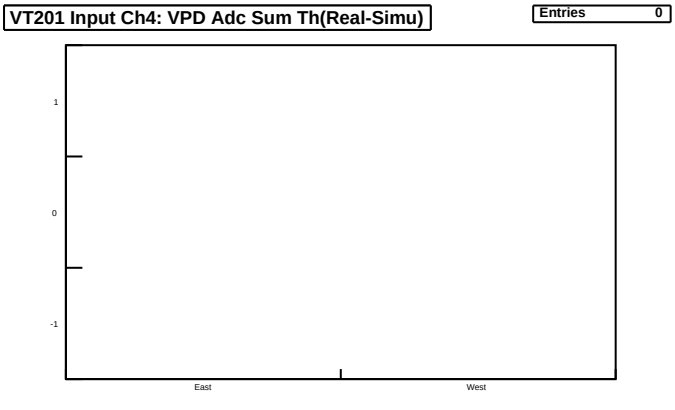

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2406328
9148
2315
12
12
8862
3554
56
44
291643
298476
300779
300779
291929
297237
300735
300747
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

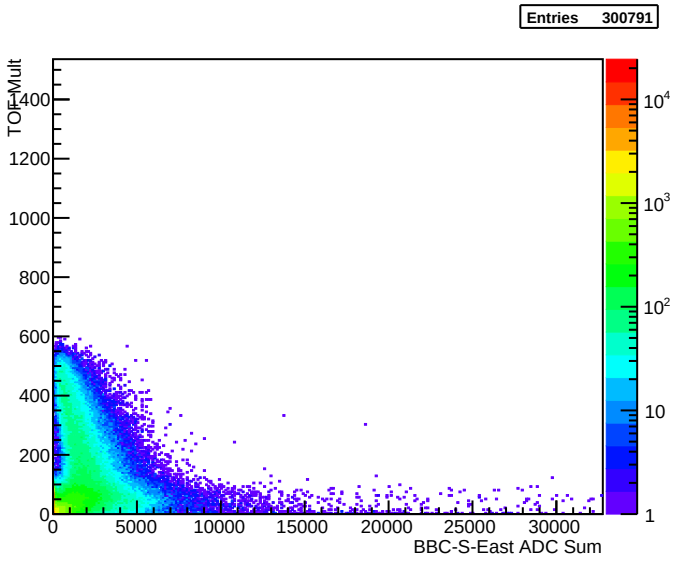

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

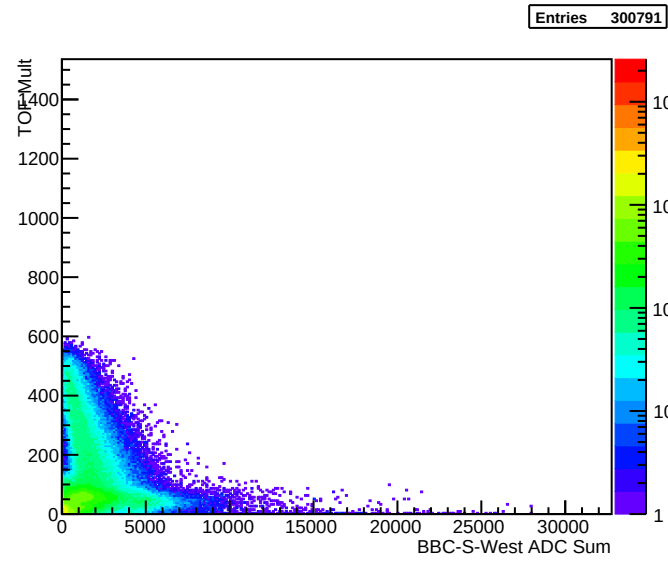

VT201 Input Ch4: VPD Tac Diff
Entries 300791
Tac

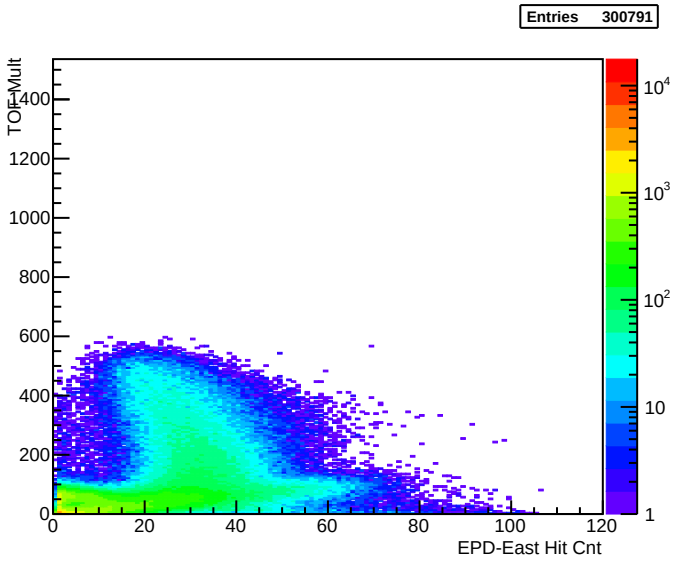

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

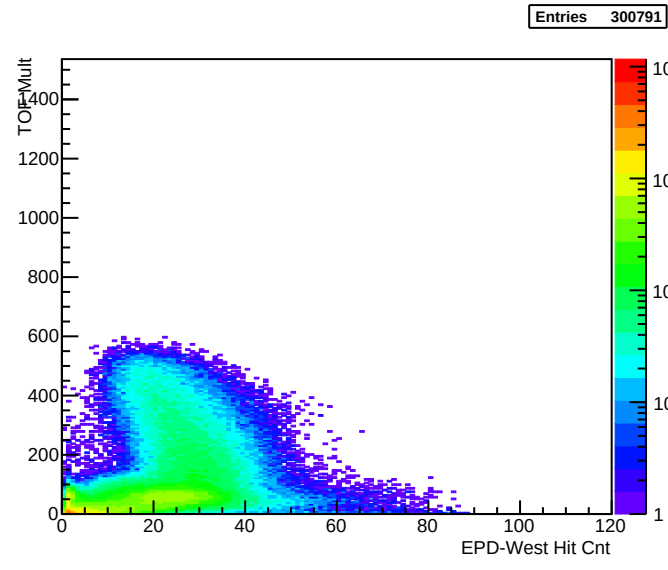

VT201 Input Ch4: VPD Adc Sum Th
Entries 601582
204131
233067
96660
67724
East
West

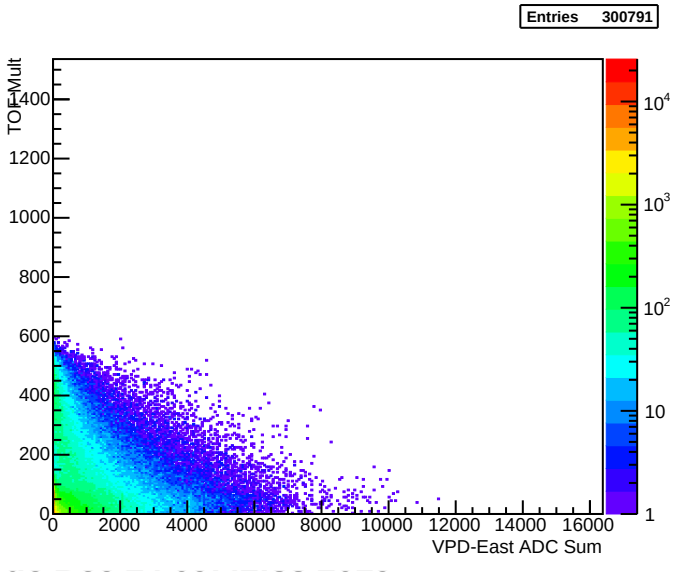

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

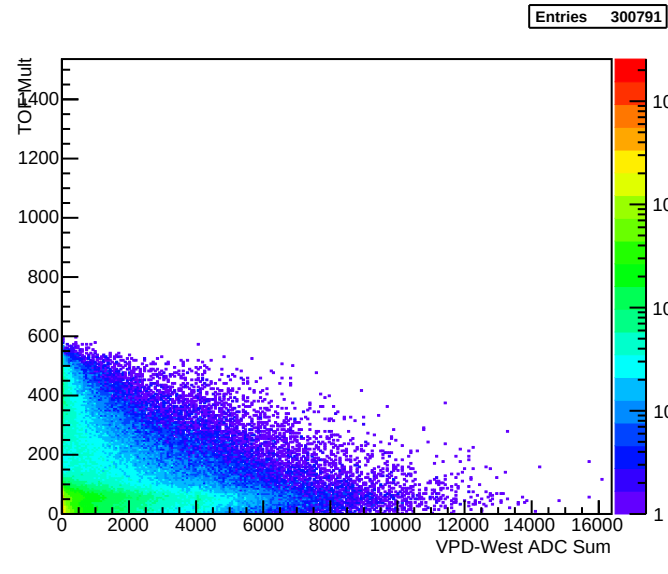

Entries 300791
TOF-Mult
BBC-S-East ADC Sum

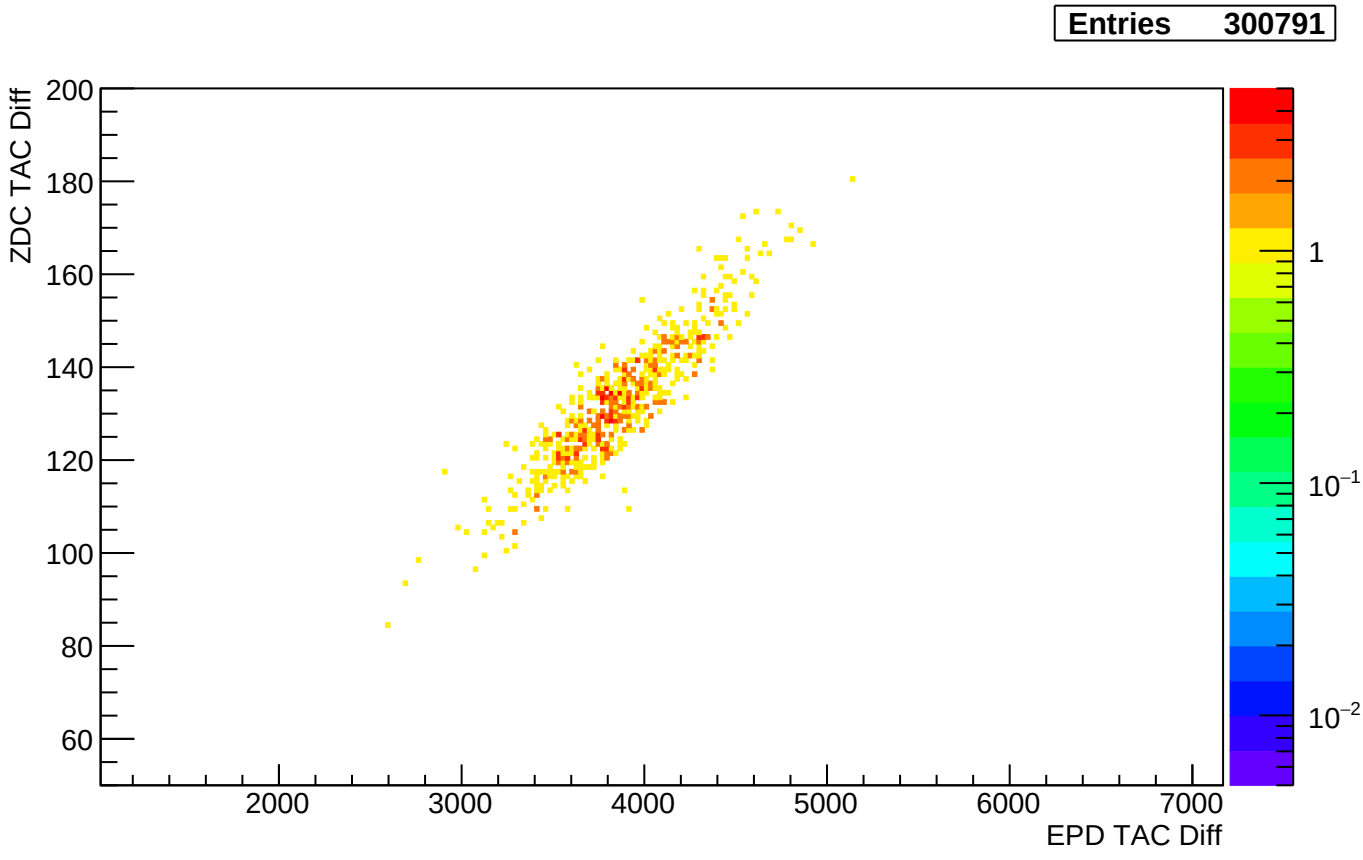

Entries 300791
TOF-Mult
BBC-S-West ADC Sum

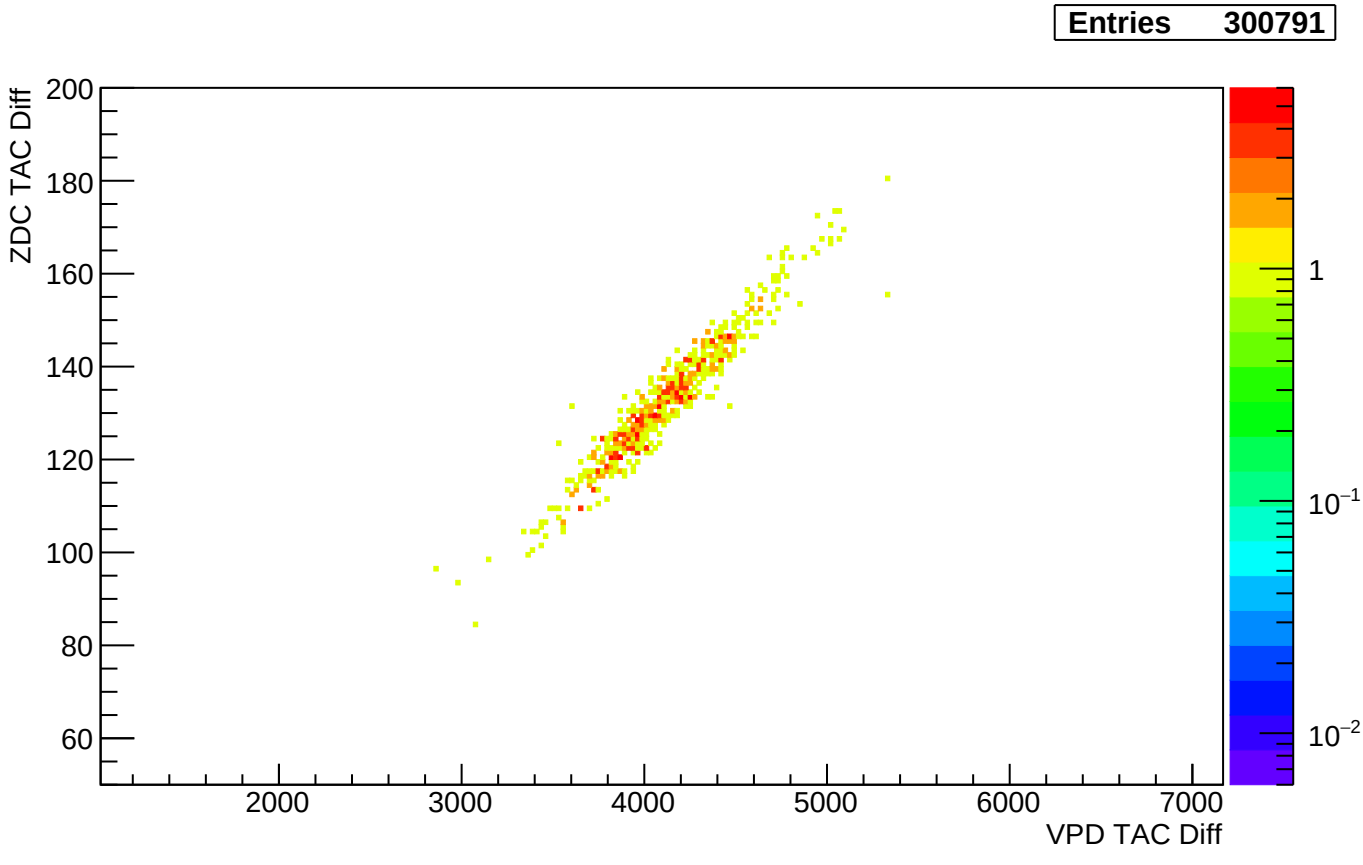

Entries 300791
TOF-Mult
EPD-East Hit Cnt

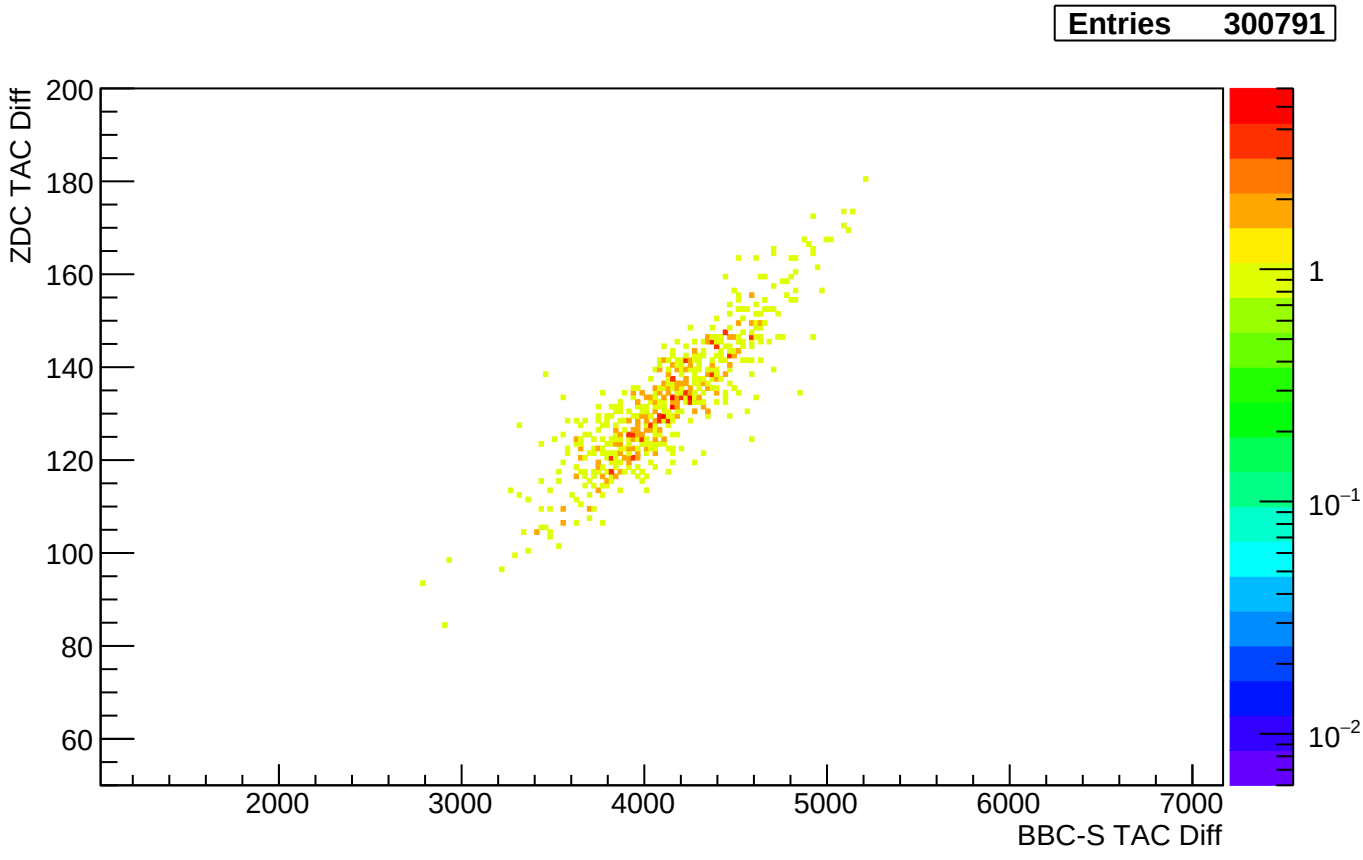

Entries 300791
TOF-Mult
EPD-West Hit Cnt

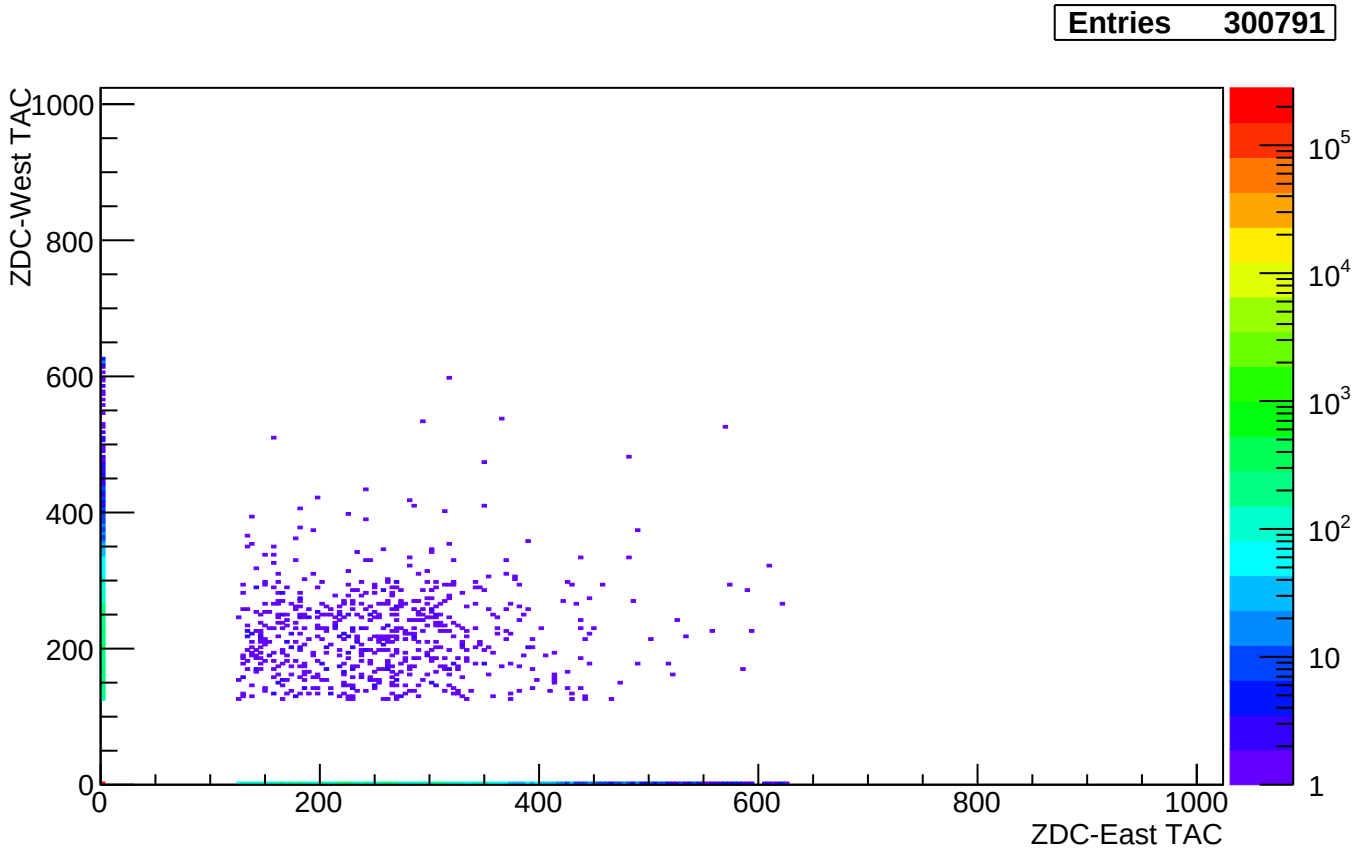

Entries 300791
TOF-Mult
VPD-East ADC Sum

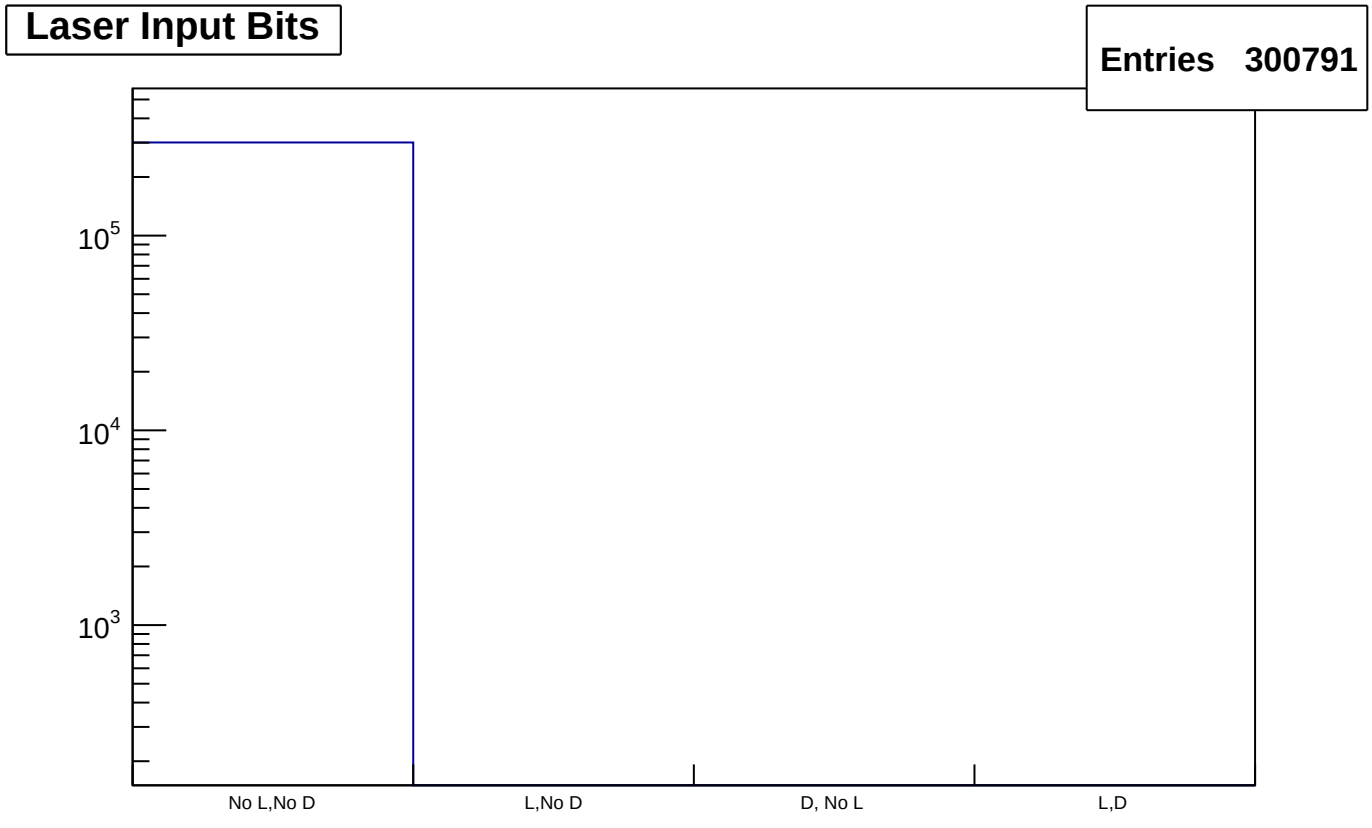

Entries 300791
TOF-Mult
VPD-West ADC Sum

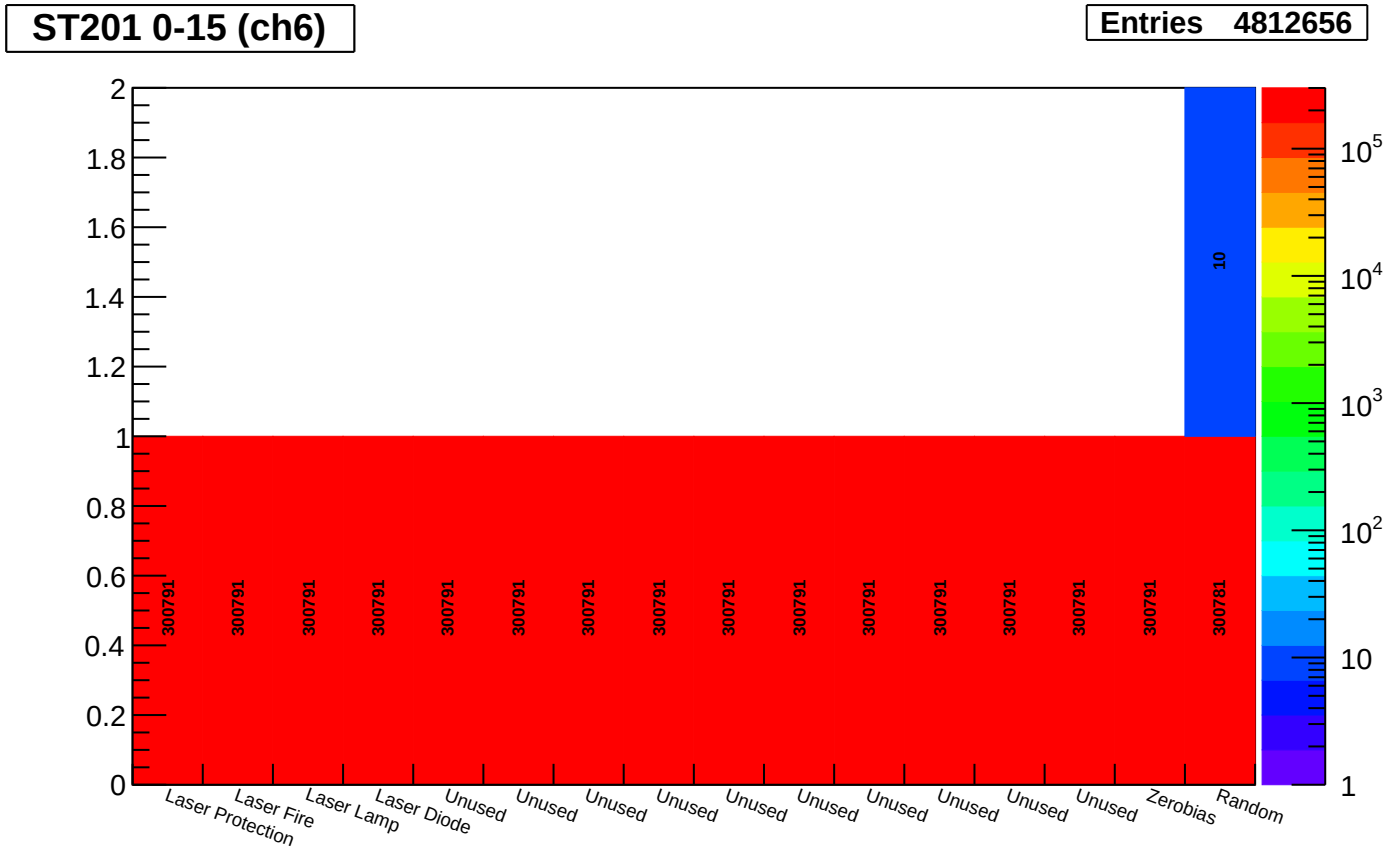

Entries 300791
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

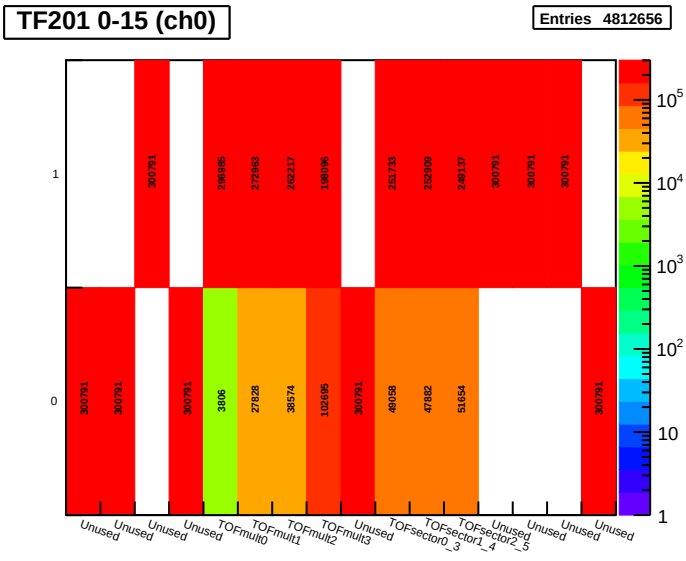

Entries 300791
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

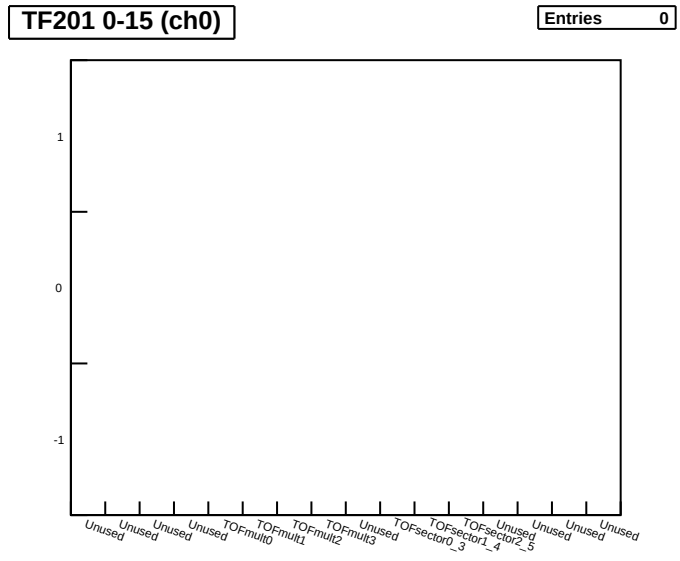

Entries 300791
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

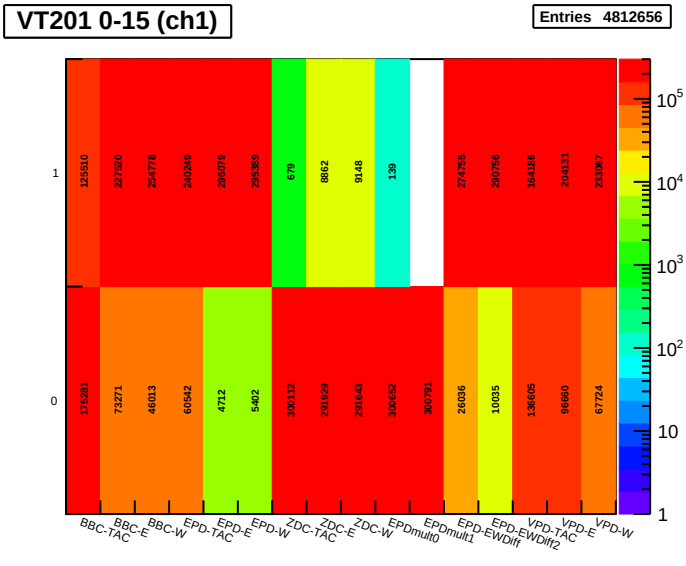

Entries 300791
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

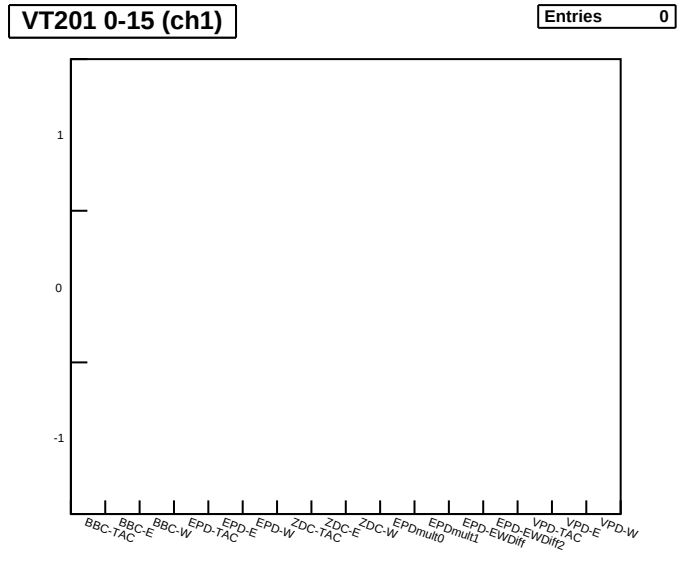

Laser Input Bits
Entries 300791
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

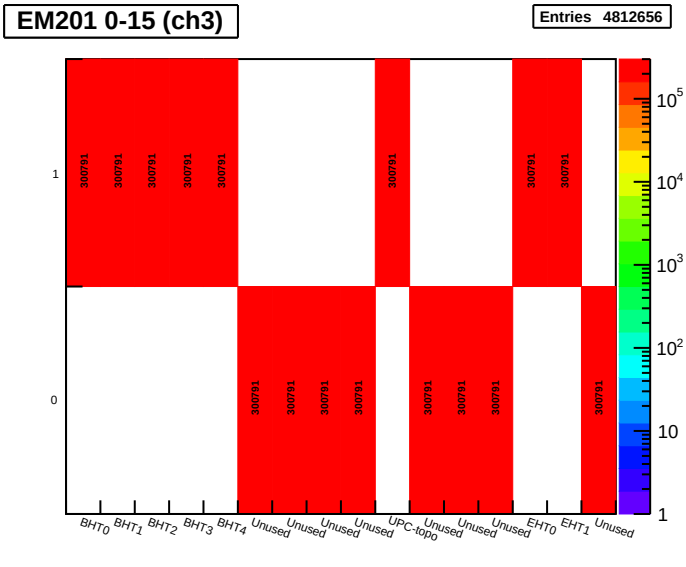

ST201 0-15 (ch6)
Entries 4812656
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
300791
300781
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

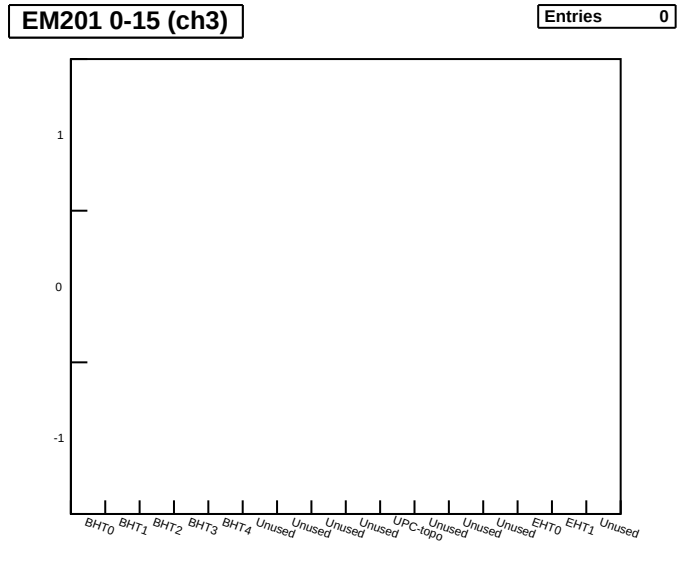

TF201 0-15 (ch0)
Entries 4812656
1
0
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
3806
27828
38574
102695
49058
47882
51654
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
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 4812656
1
0
125510
227520
254778
240249
296079
295389
679
8862
9148
139
274755
290756
164186
204131
233067
175281
73271
46013
60542
4712
5402
300112
291929
291643
300652
300791
26036
10035
136605
96660
67724
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 4812656
1
0
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
300791
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