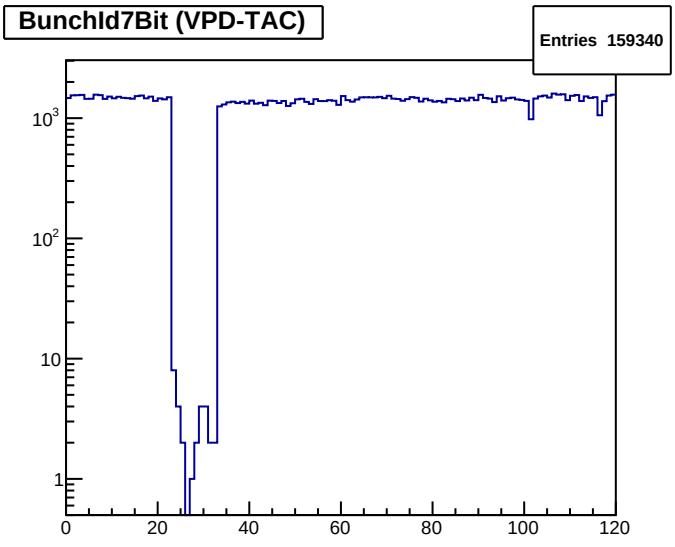
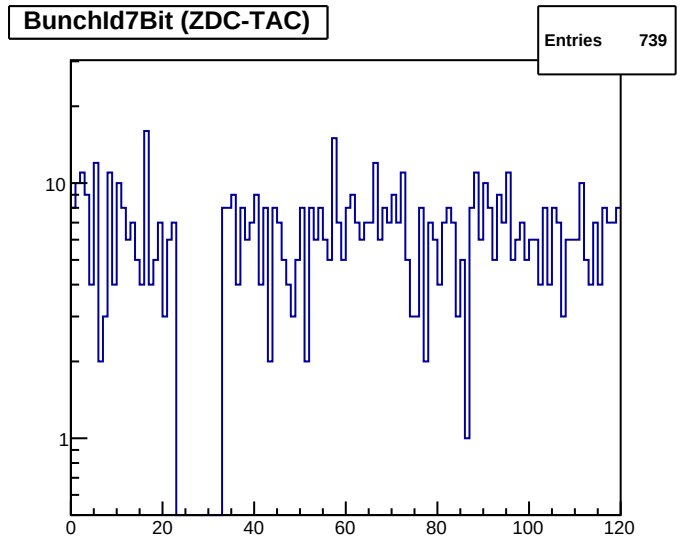
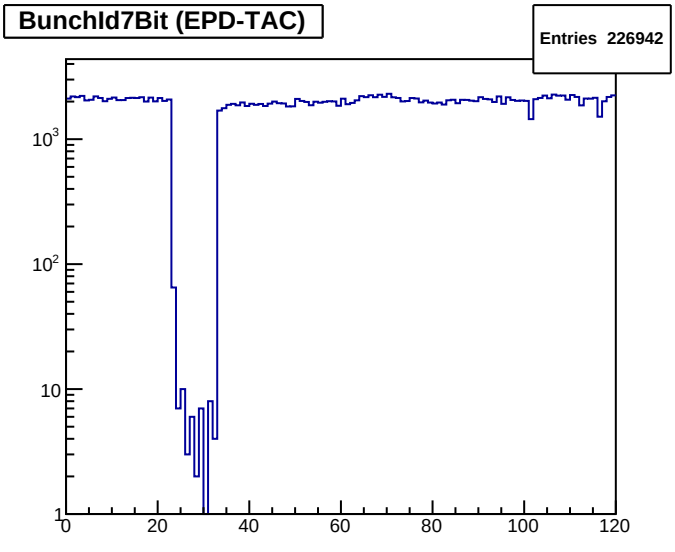
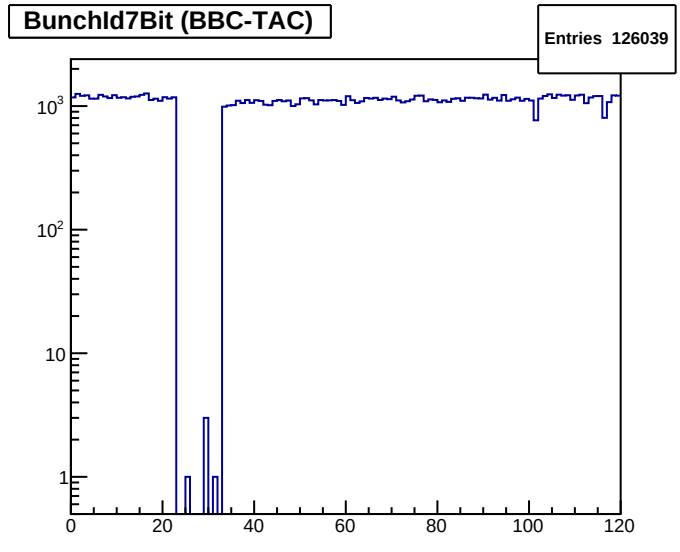
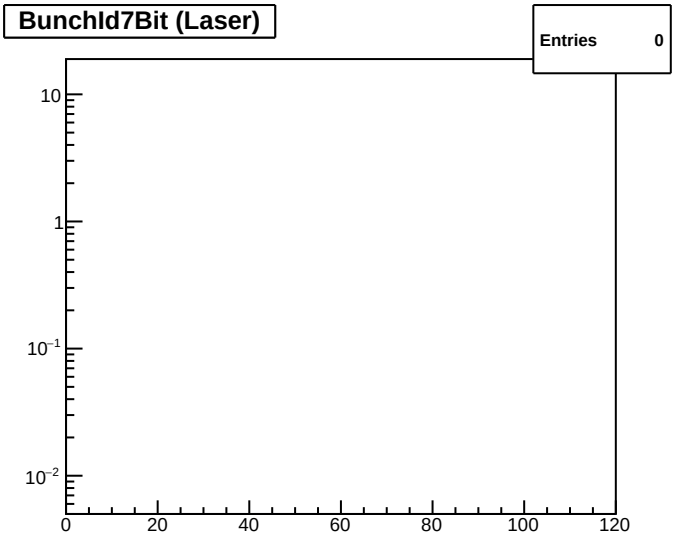
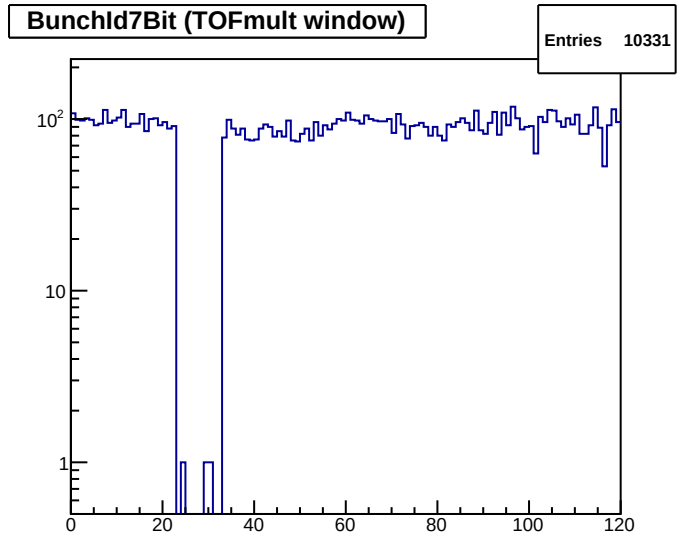

BunchId7Bit (VPD-TAC)
Entries 159340

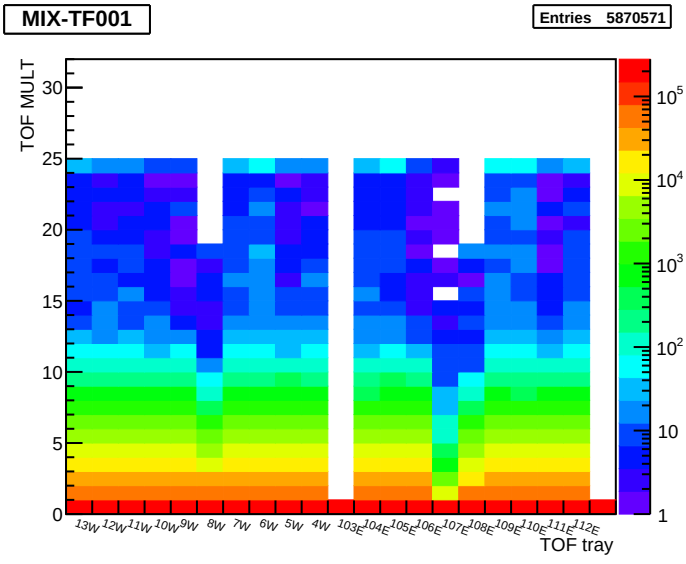

BunchId7Bit (ZDC-TAC)
Entries 739

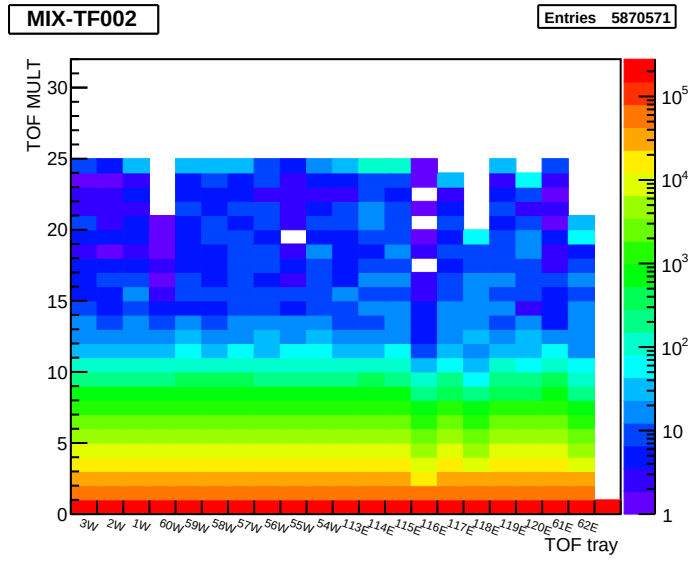

BunchId7Bit (EPD-TAC)
Entries 226942

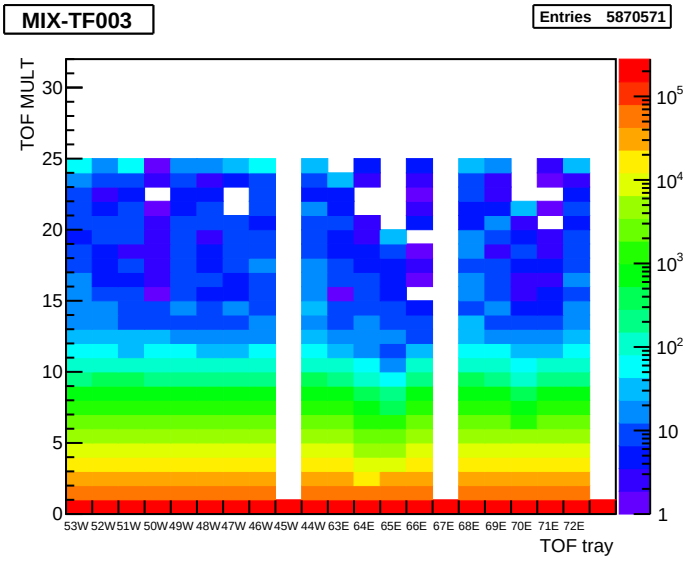

BunchId7Bit (BBC-TAC)
Entries 126039

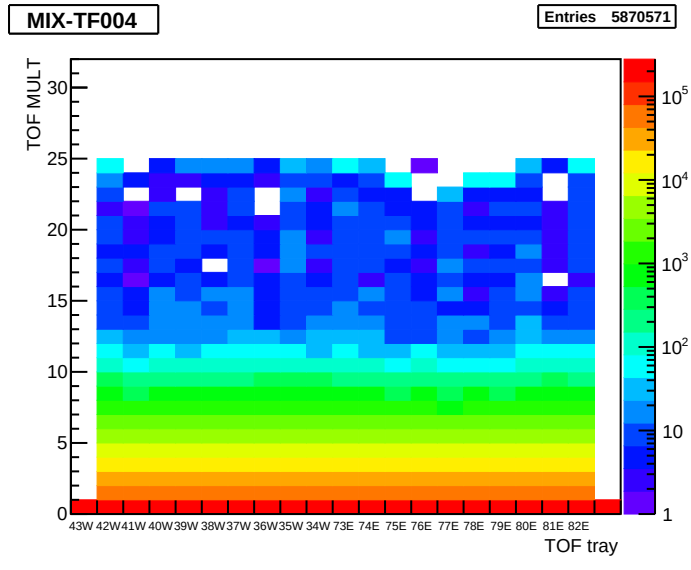

BunchId7Bit (Laser)
Entries 0

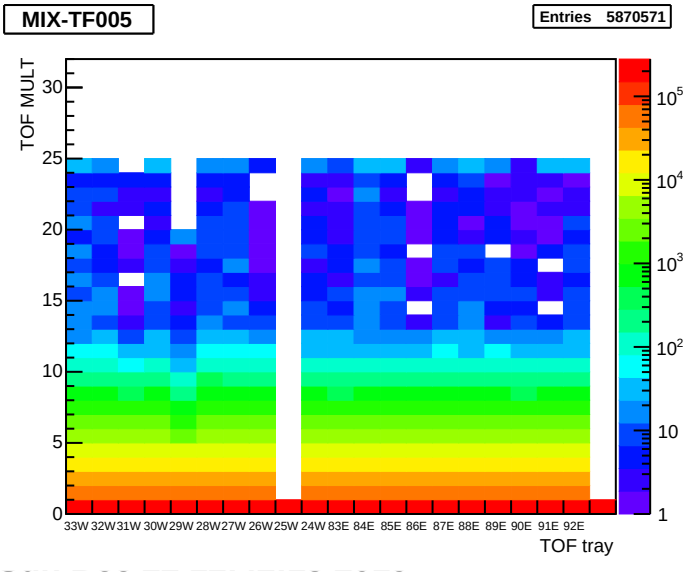

BunchId7Bit (TOFmult window)
Entries 10331

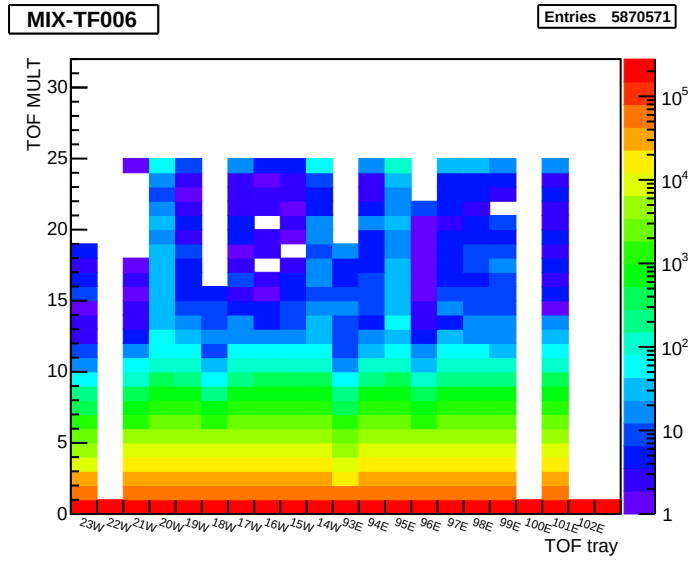

MIX-TF001
Entries 5870571
TOF MULT
TOF tray

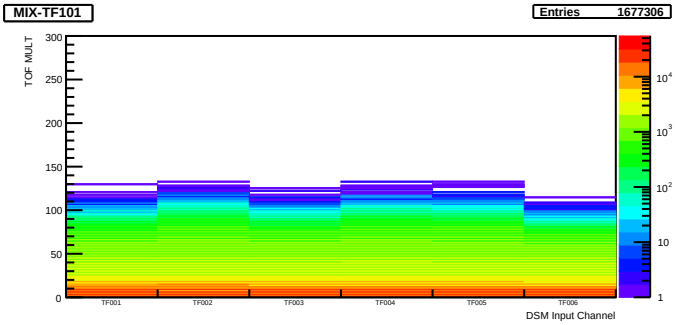

MIX-TF002
Entries 5870571
TOF MULT
TOF tray

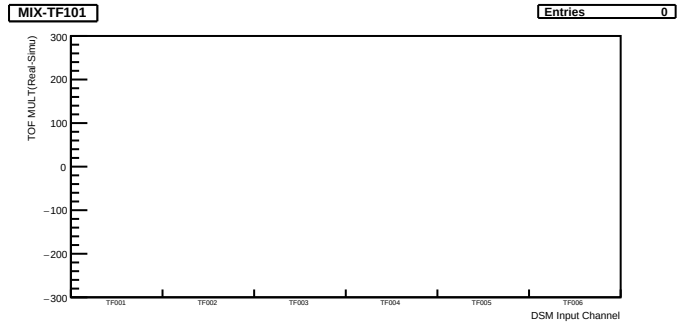

MIX-TF003
Entries 5870571
TOF MULT
TOF tray

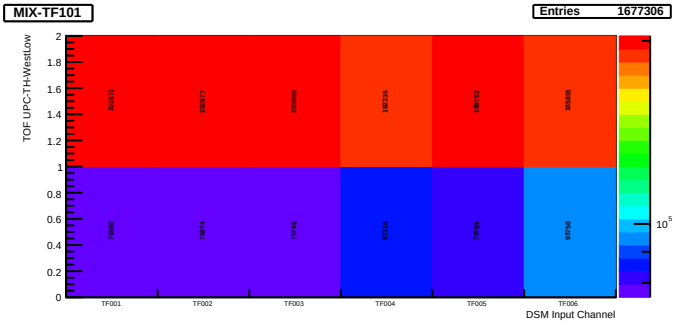

MIX-TF004
Entries 5870571
TOF MULT
TOF tray

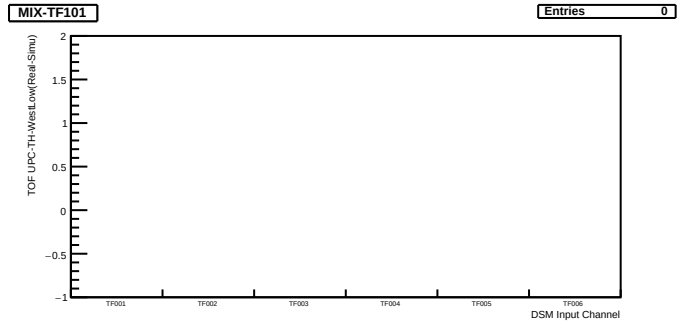

MIX-TF005
Entries 5870571
TOF MULT
TOF tray

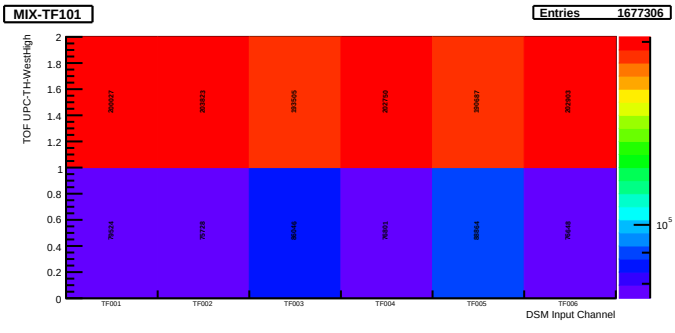

MIX-TF006
Entries 5870571
TOF MULT
TOF tray

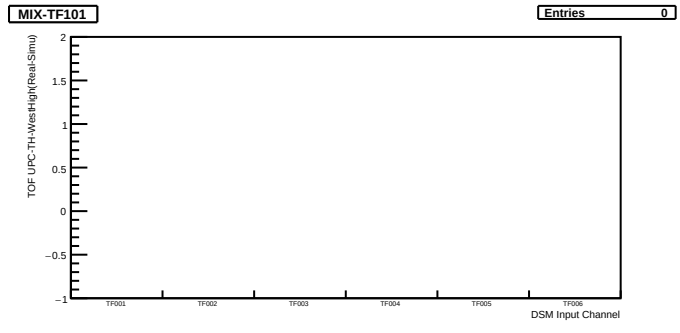

MIX-TF101
Entries 1677306
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

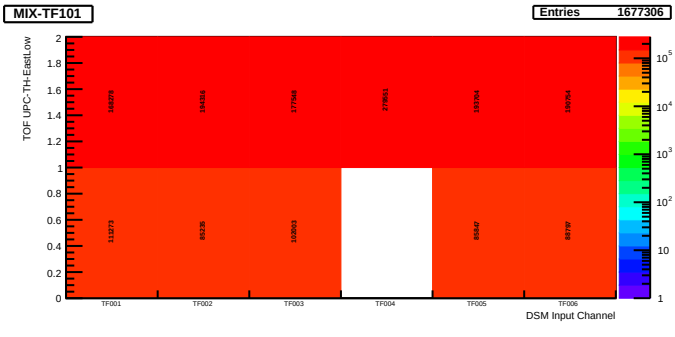

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

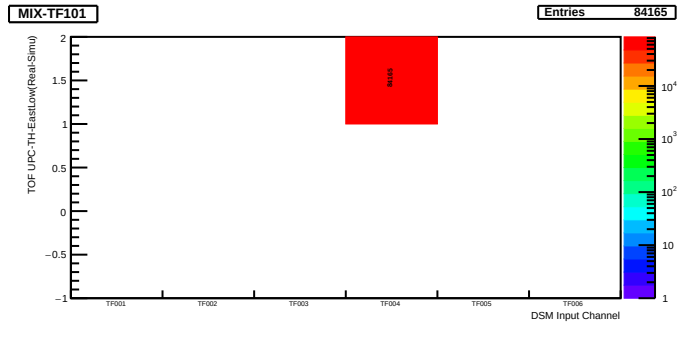

MIX-TF101
Entries 1677306
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

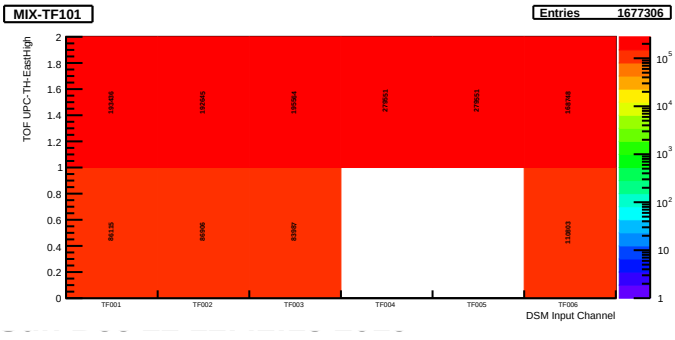

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

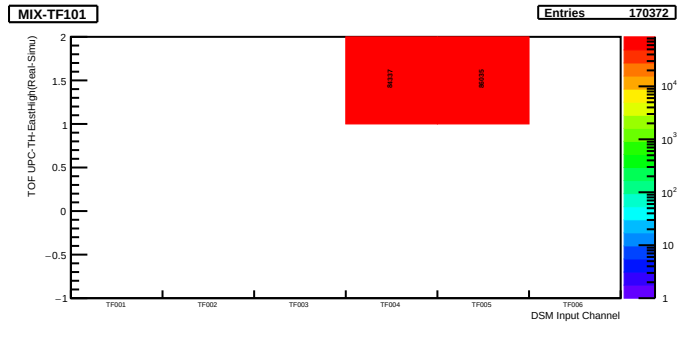

MIX-TF101
Entries 1677306
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

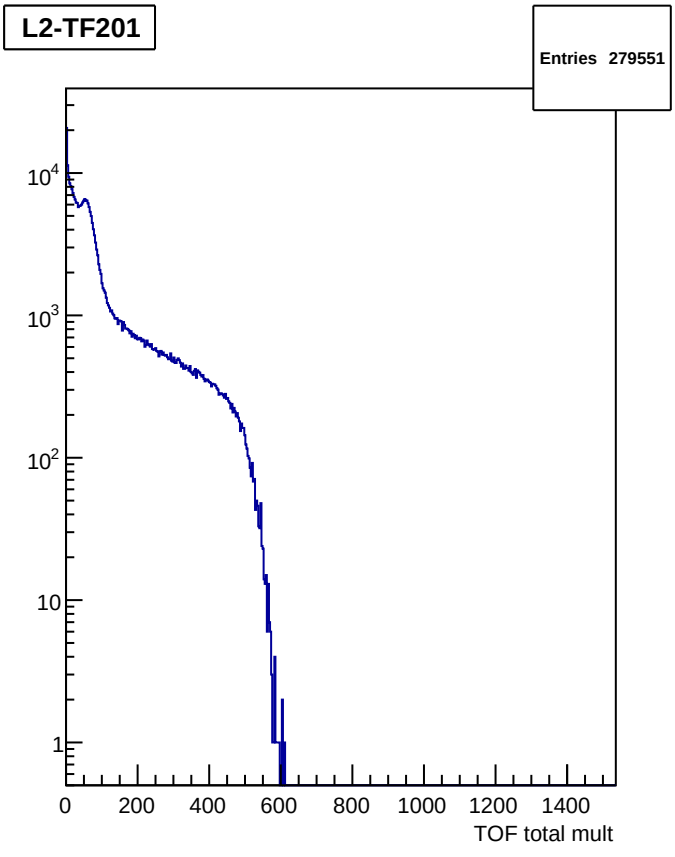

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

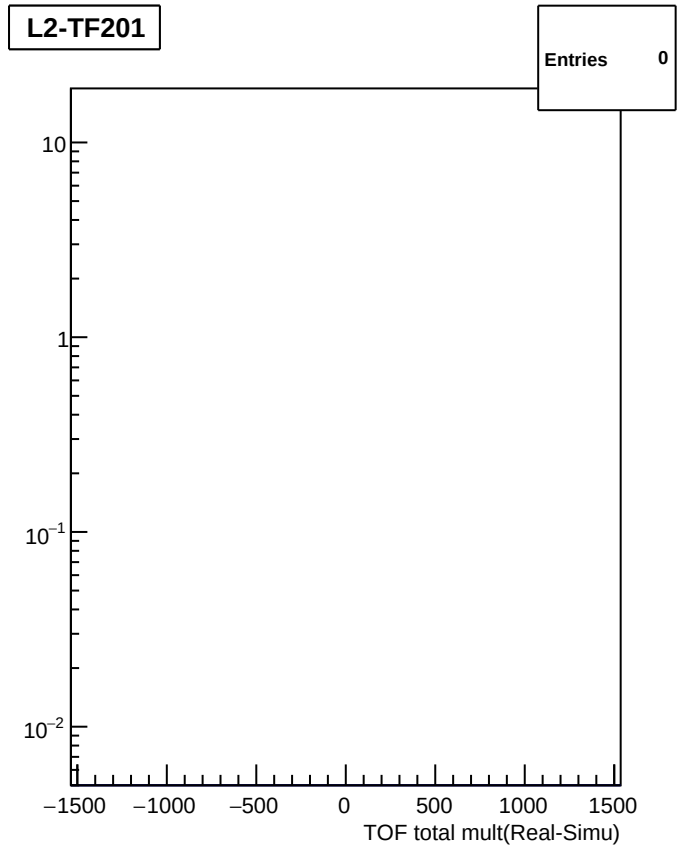

MIX-TF101
Entries 1677306
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

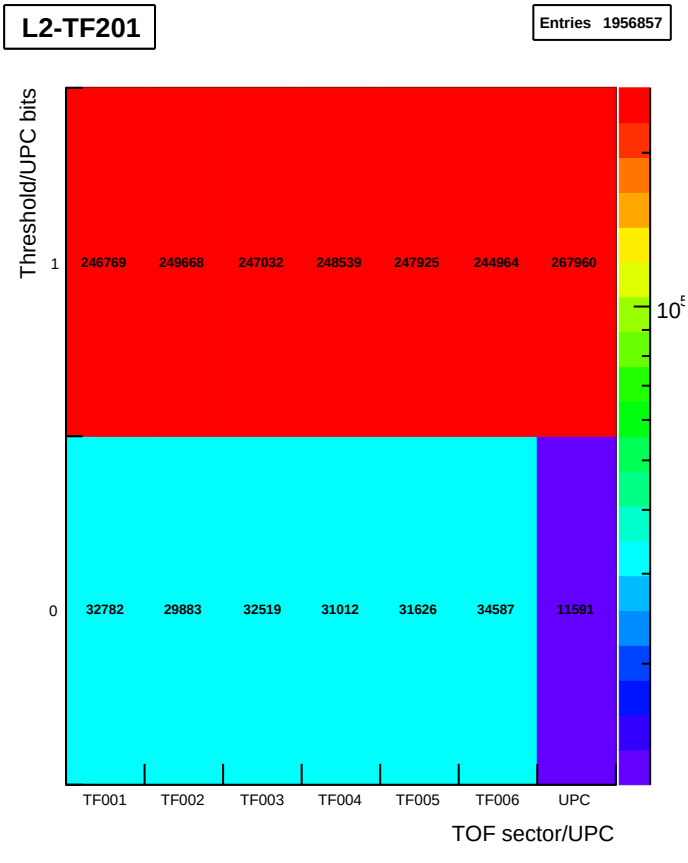

MIX-TF101
Entries 84165
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

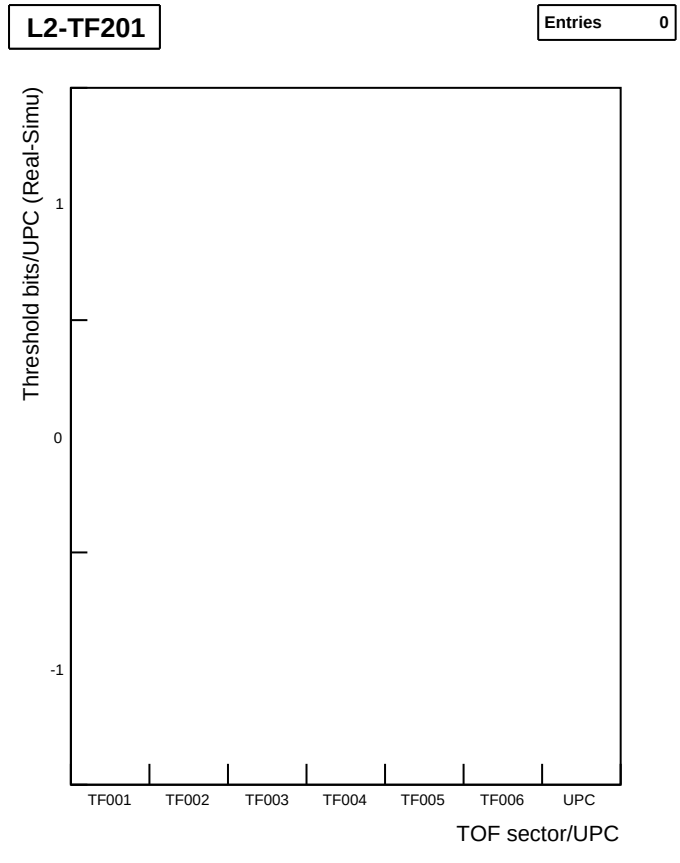

MIX-TF101
Entries 1677306
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

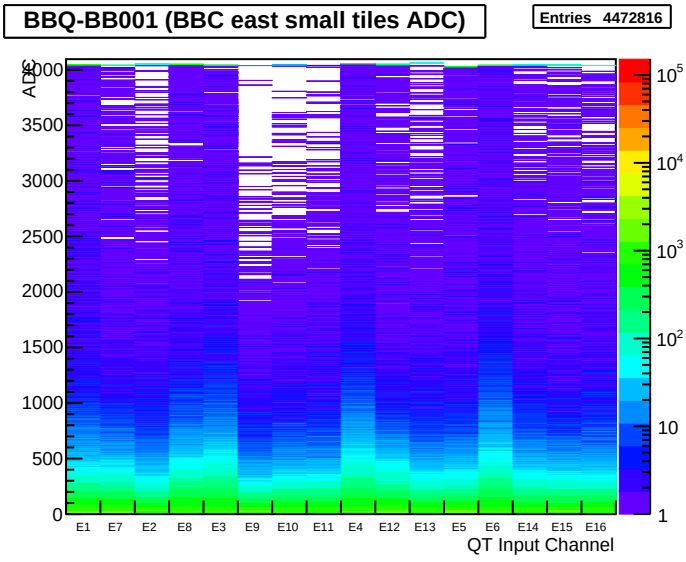

MIX-TF101
Entries 170372
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

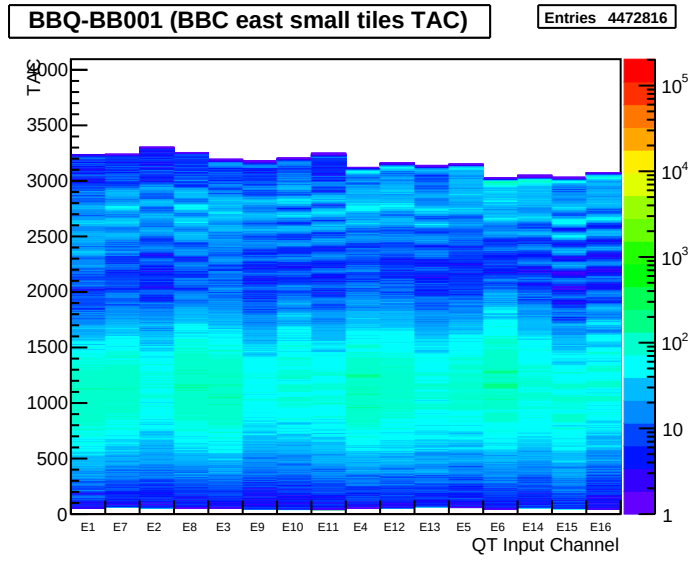

L2-TF201
Entries 279551
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

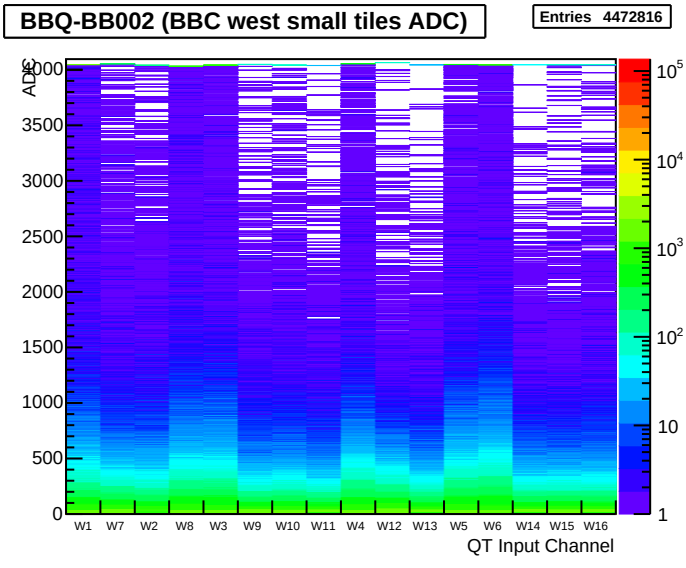

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

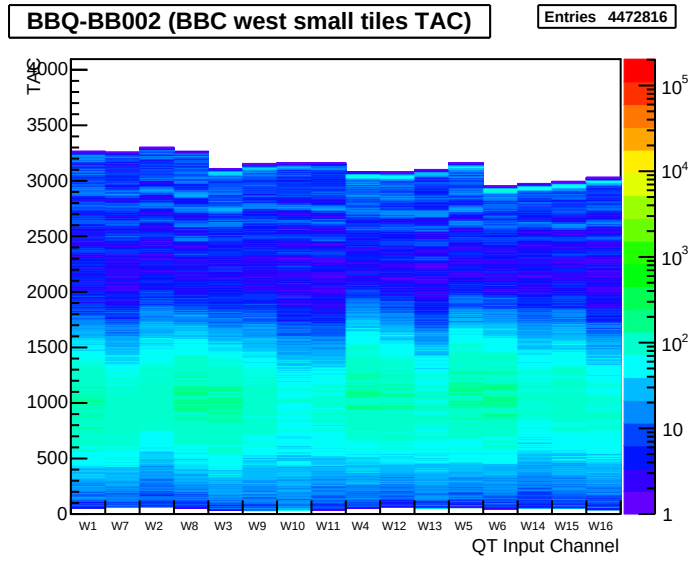

L2-TF201
Entries 1956857
Threshold/UPC bits
1
0
246769
249668
247032
248539
247925
244964
267960
32782
29883
32519
31012
31626
34587
11591
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

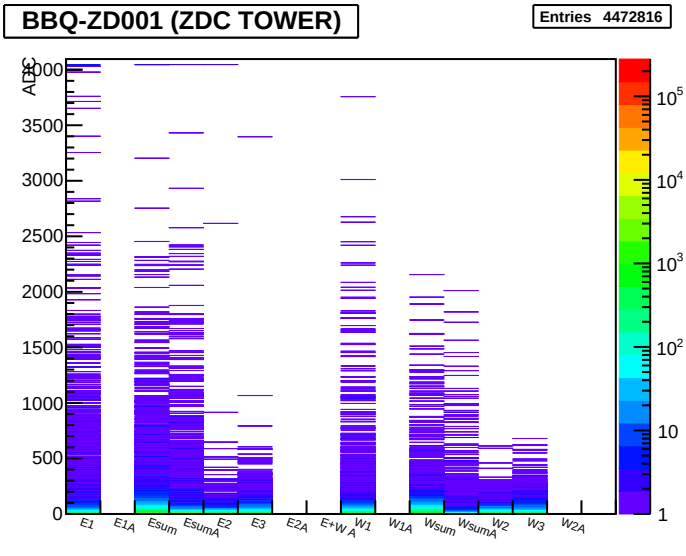

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

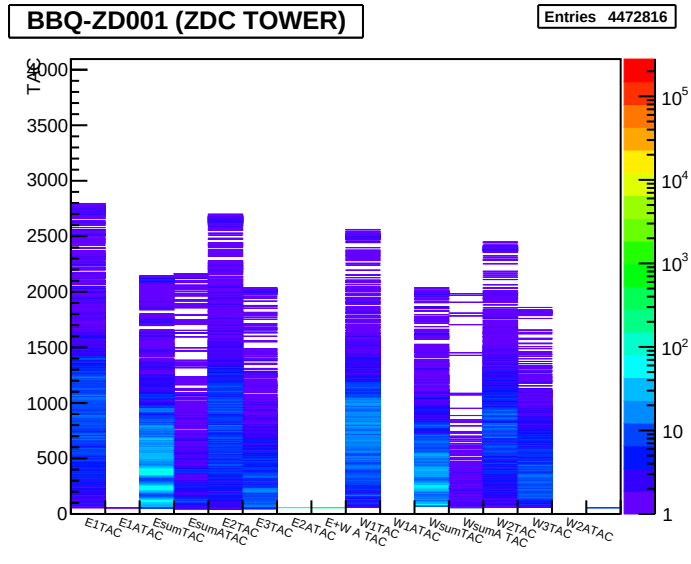

BBQ-BB001 (BBC east small tiles ADC)
Entries 4472816
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

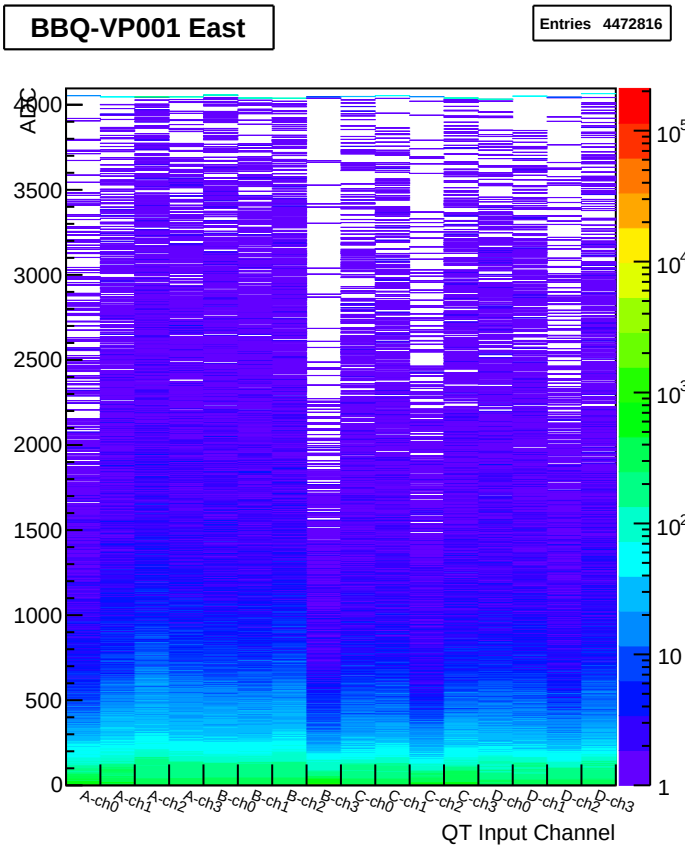

BBQ-BB001 (BBC east small tiles TAC)
Entries 4472816
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

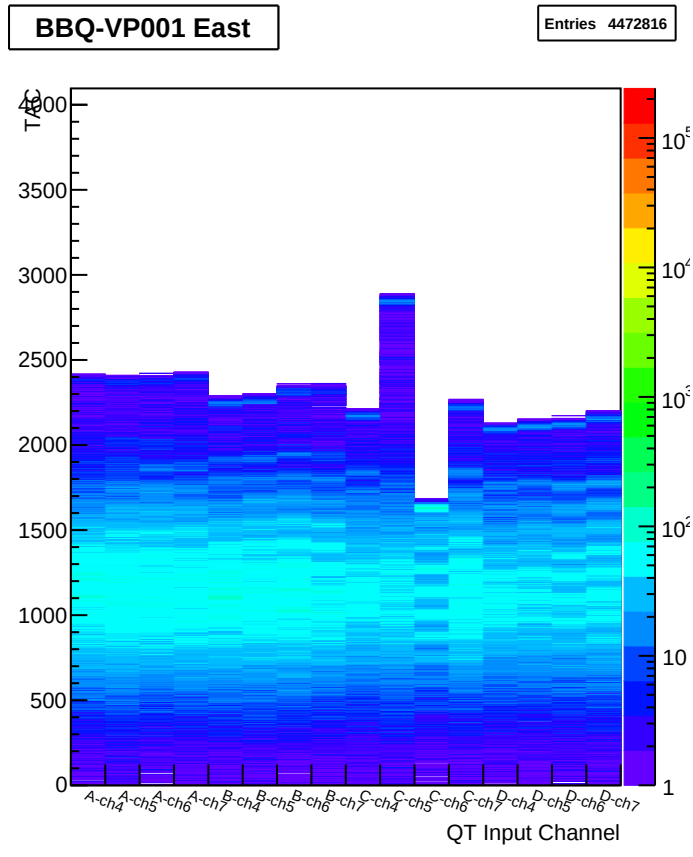

BBQ-BB002 (BBC west small tiles ADC)
Entries 4472816
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

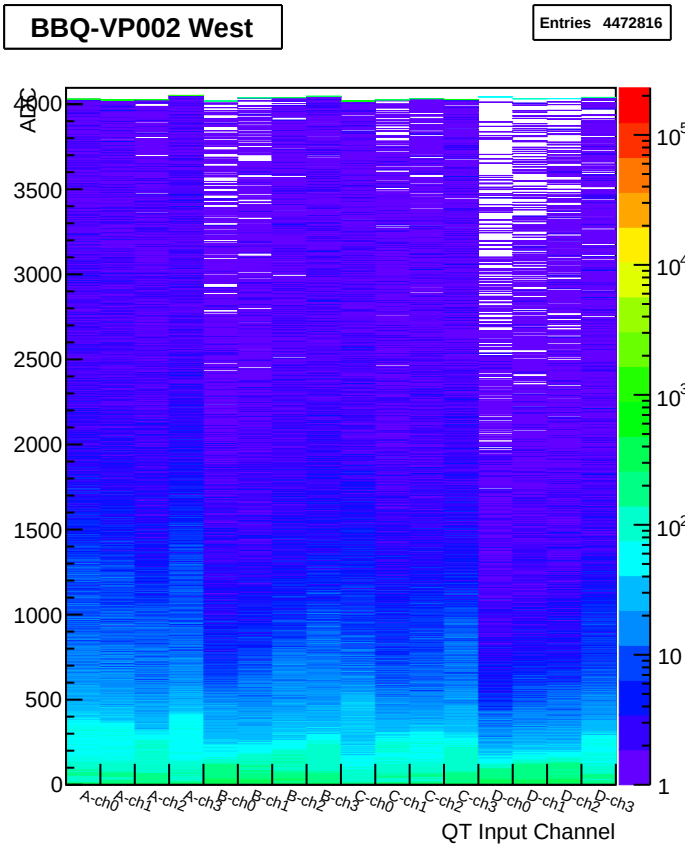

BBQ-BB002 (BBC west small tiles TAC)
Entries 4472816
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

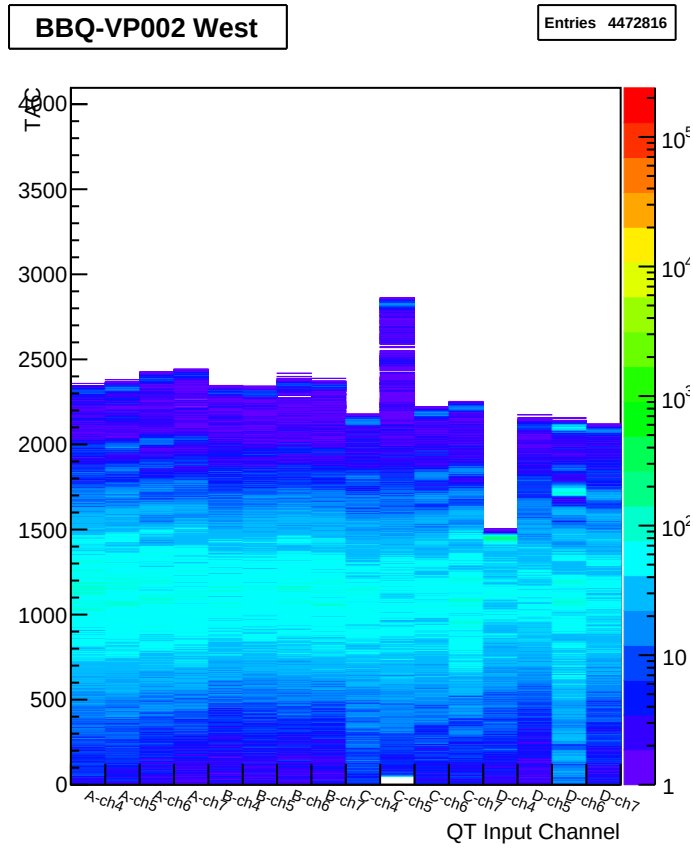

BBQ-ZD001 (ZDC TOWER)
Entries 4472816
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

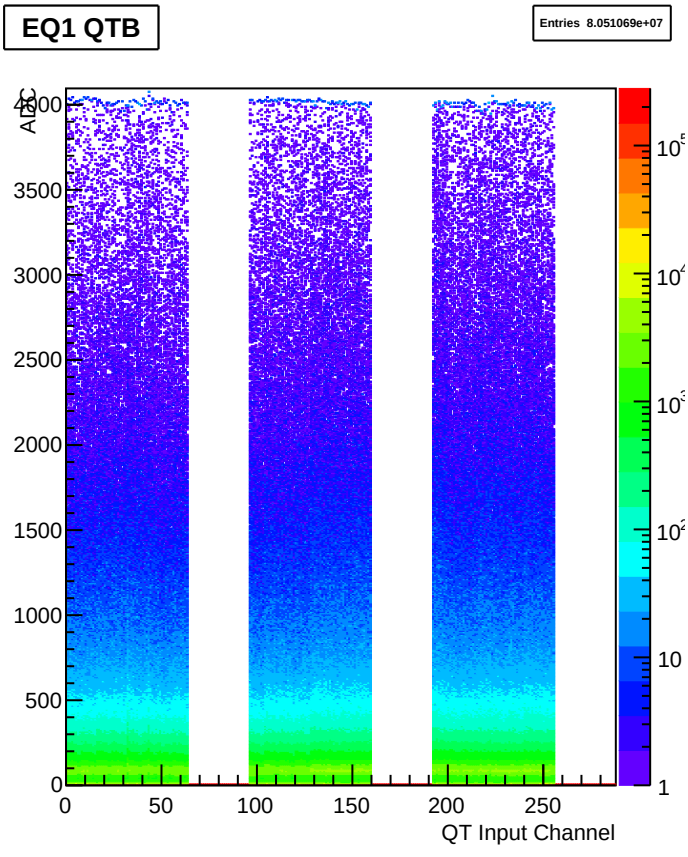

BBQ-ZD001 (ZDC TOWER)
Entries 4472816
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

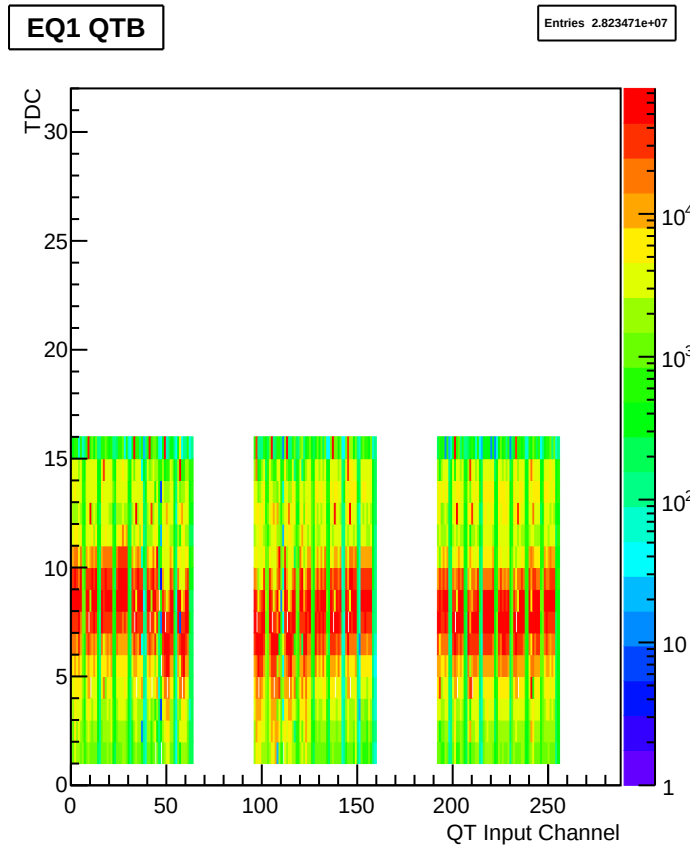

BBQ-VP001 East
Entries 4472816
ADC
QT Input Channel

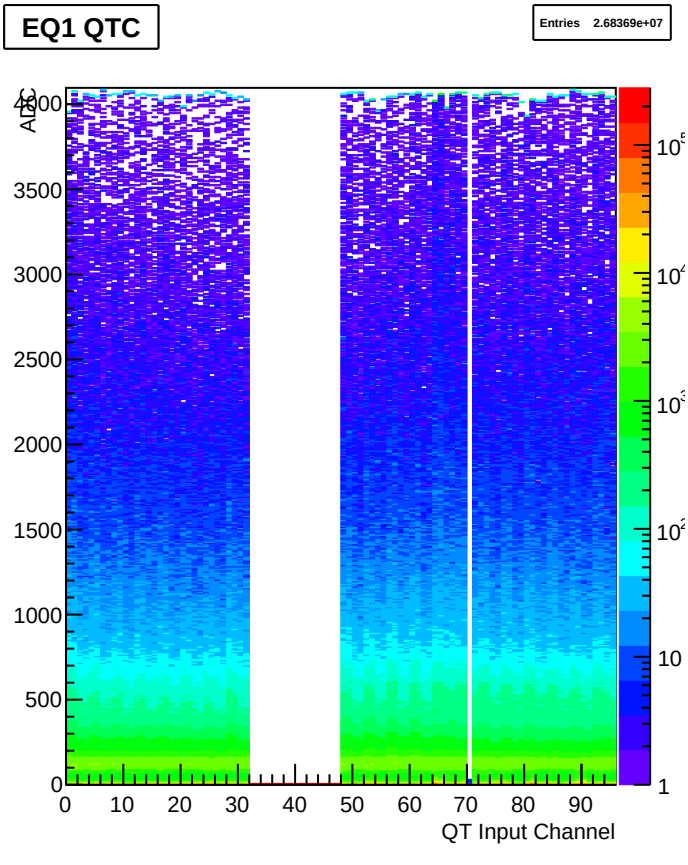

BBQ-VP001 East
Entries 4472816
TADC
QT Input Channel

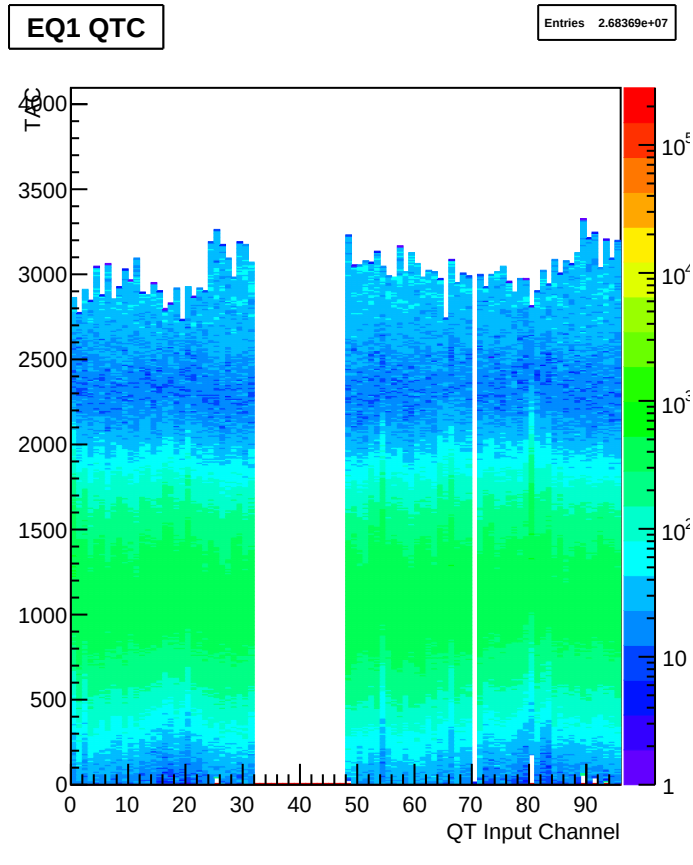

BBQ-VP002 West
Entries 4472816
ADC
QT Input Channel

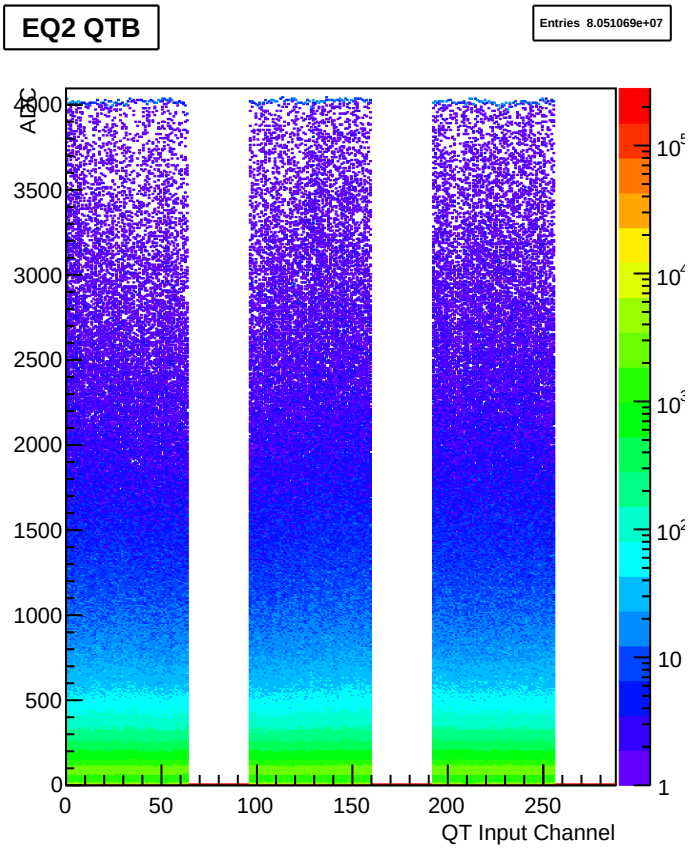

BBQ-VP002 West
Entries 4472816
TADC
QT Input Channel

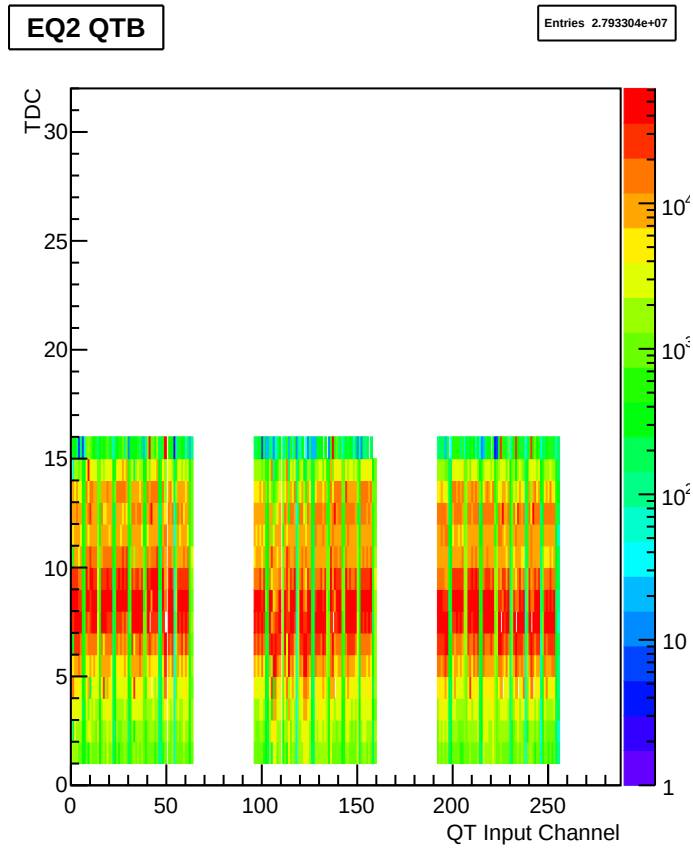

EQ1 QTB
Entries 8.051069e+07
ADC
QT Input Channel

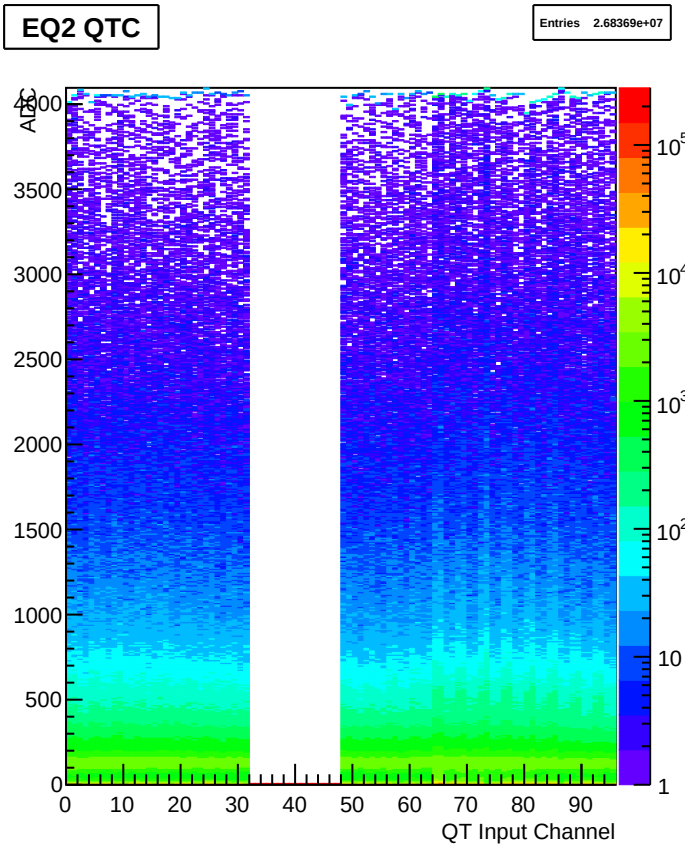

EQ1 QTB
Entries 2.823471e+07
TDC
QT Input Channel

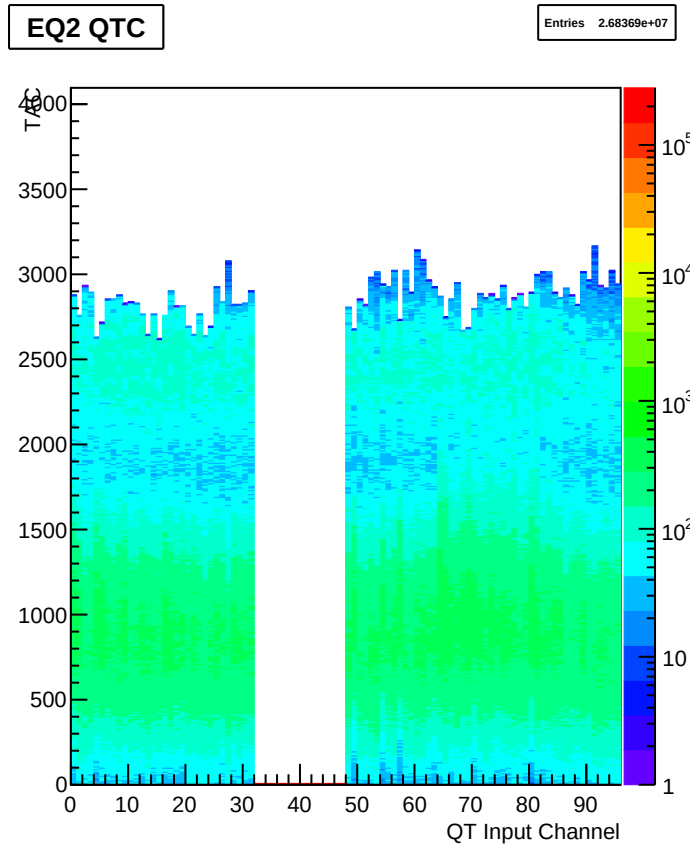

EQ1 QTC
Entries 2.68369e+07
ADC
QT Input Channel

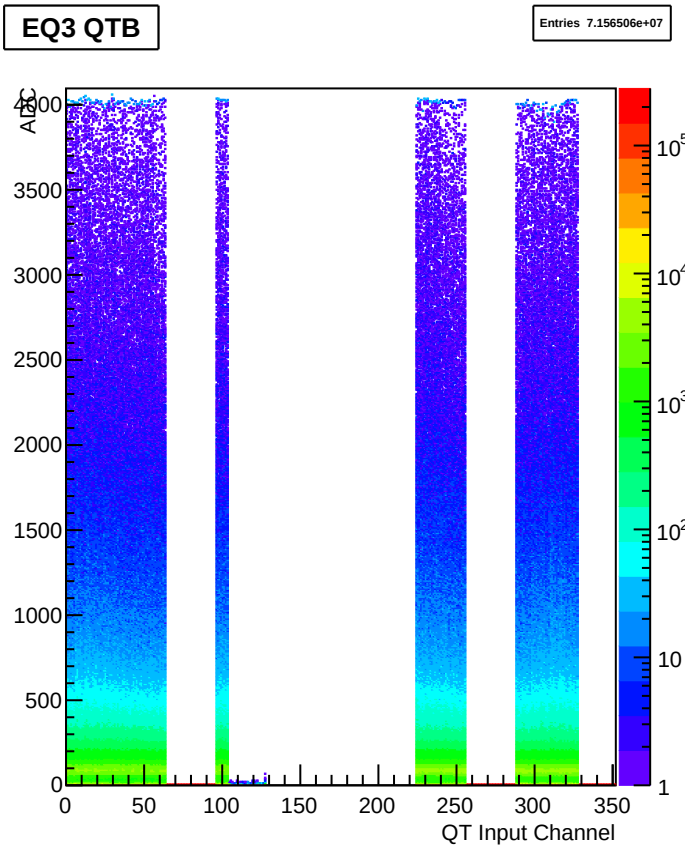

EQ1 QTC
Entries 2.68369e+07
TADC
QT Input Channel

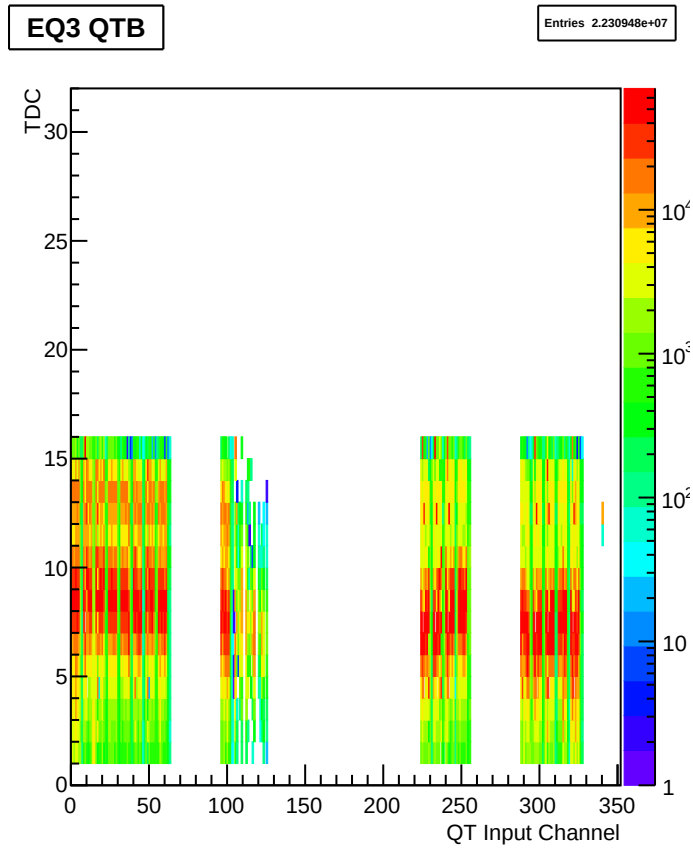

EQ2 QTB
Entries 8.051069e+07
ADC
QT Input Channel

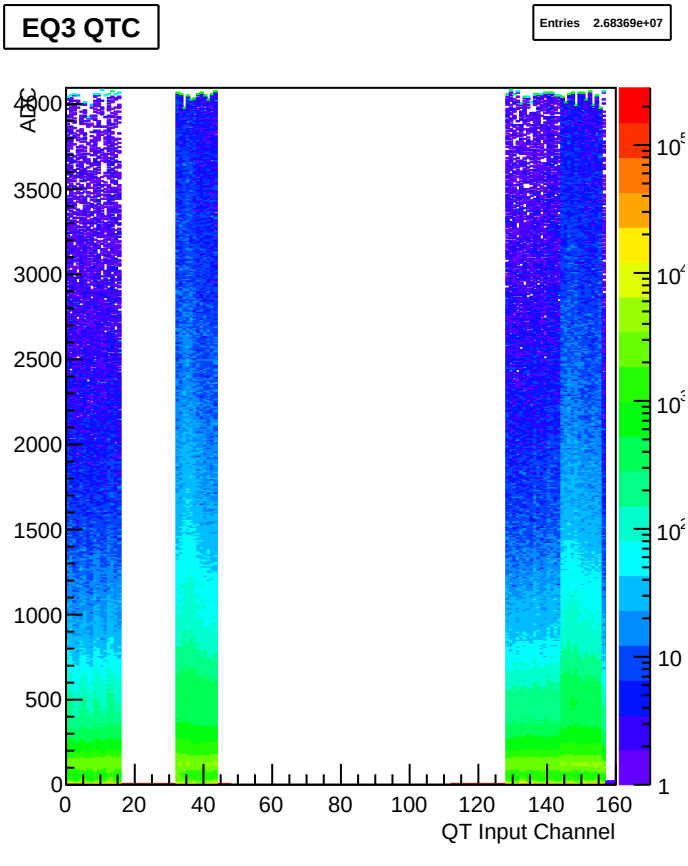

EQ2 QTB
Entries 2.793304e+07
TDC
QT Input Channel

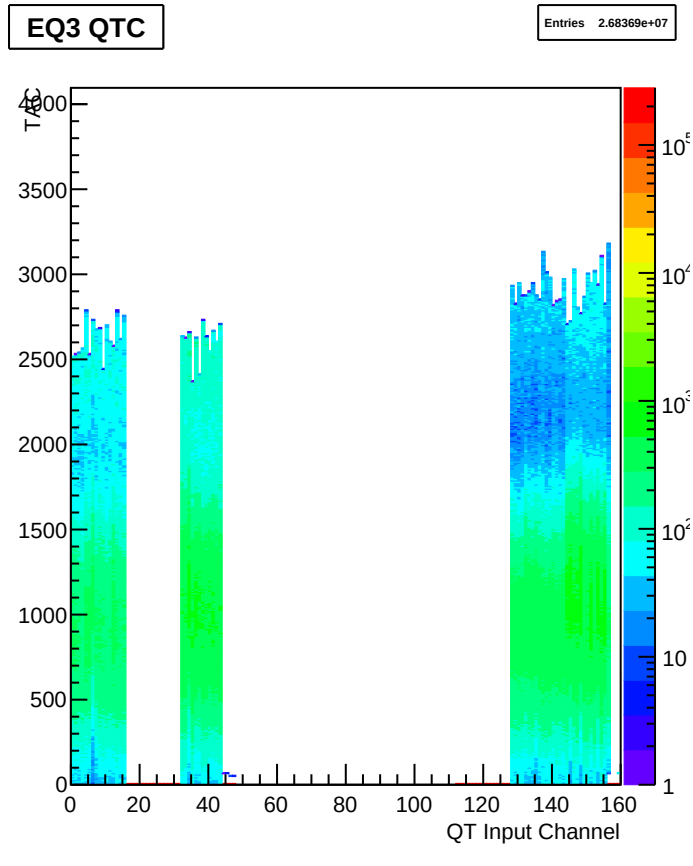

EQ2 QTC
Entries 2.68369e+07
ADC
QT Input Channel

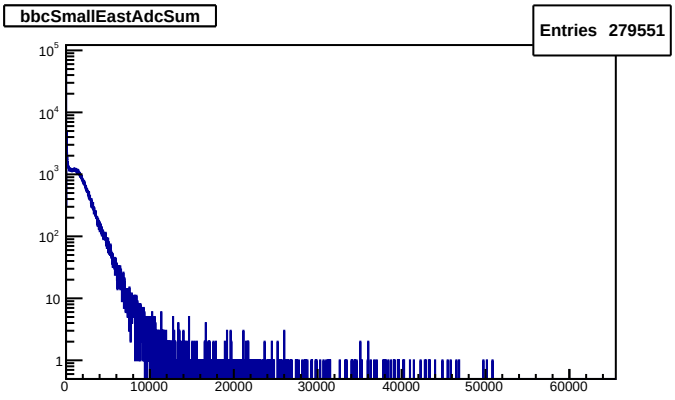

EQ2 QTC
Entries 2.68369e+07
TADC
QT Input Channel

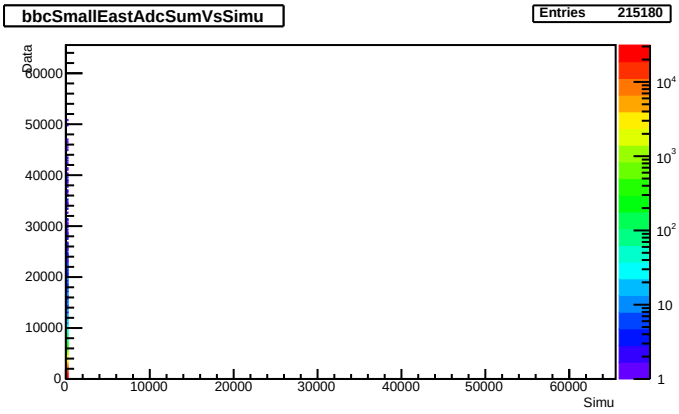

EQ3 QTB
Entries 7.156506e+07
ADC
QT Input Channel

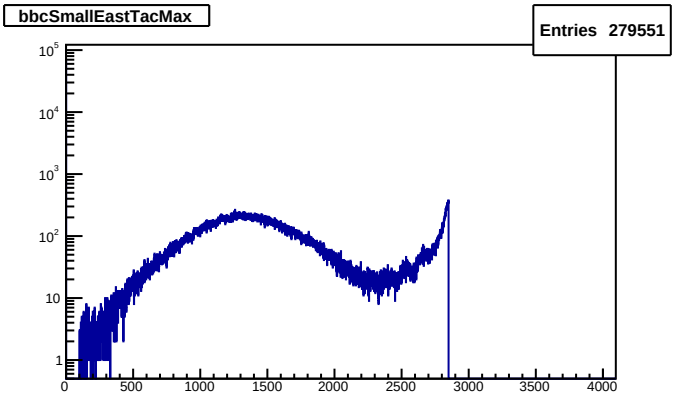

EQ3 QTB
Entries 2.230948e+07
TDC
QT Input Channel

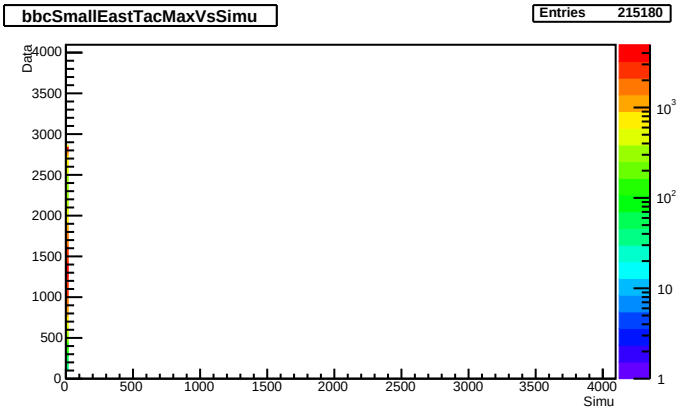

EQ3 QTC
Entries 2.68369e+07
ADC
QT Input Channel

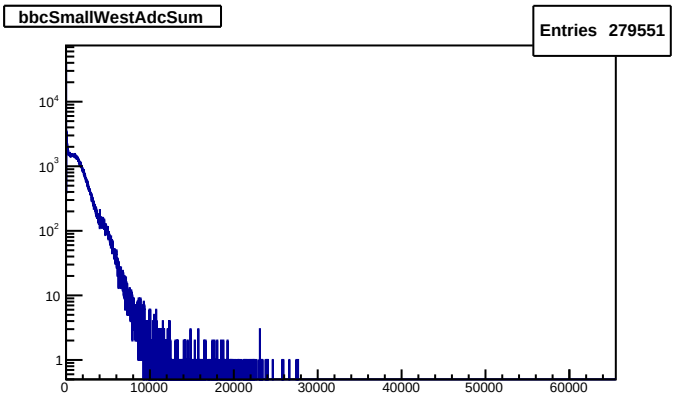

EQ3 QTC
Entries 2.68369e+07
TADC
QT Input Channel

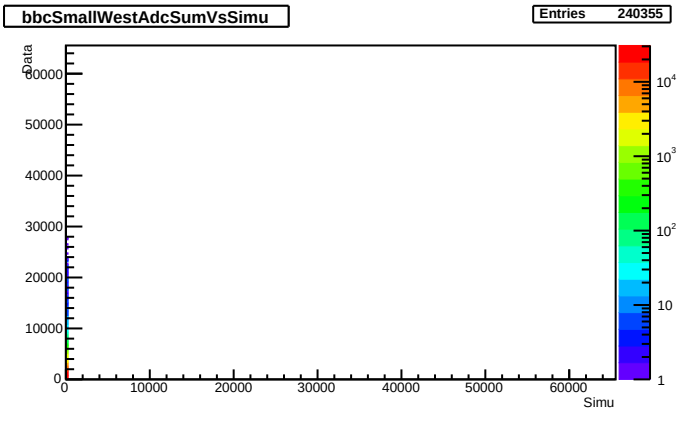

bbcSmallEastAdcSum
Entries 279551

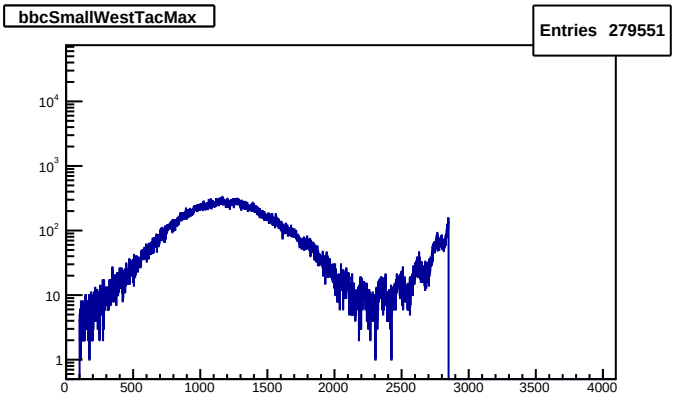

bbcSmallEastAdcSumVsSimu
Entries 215180
Data
Simu

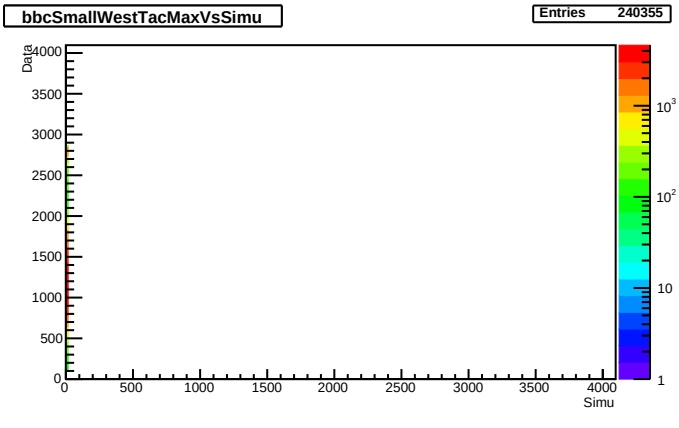

bbcSmallEastTacMax
Entries 279551

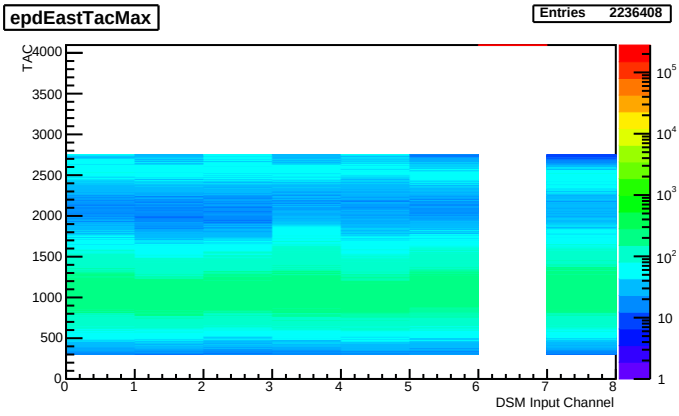

bbcSmallEastTacMaxVsSimu
Entries 215180
Data
Simu

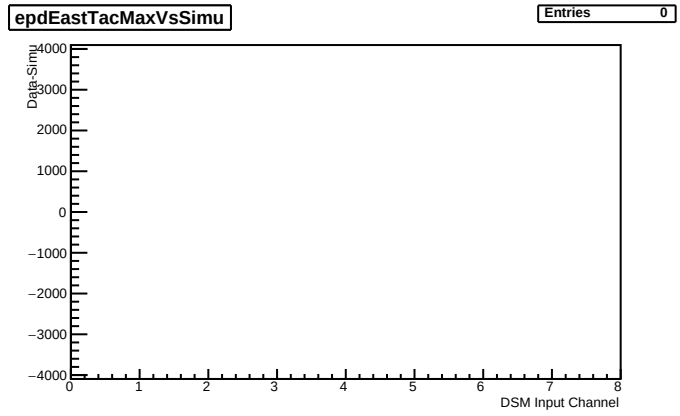

bbcSmallWestAdcSum
Entries 279551

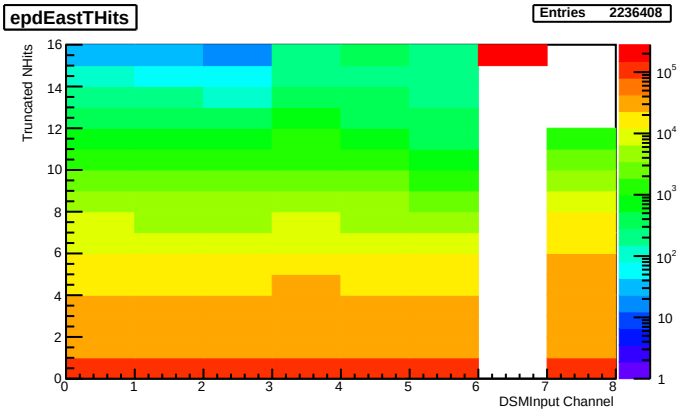

bbcSmallWestAdcSumVsSimu
Entries 240355
Data
Simu

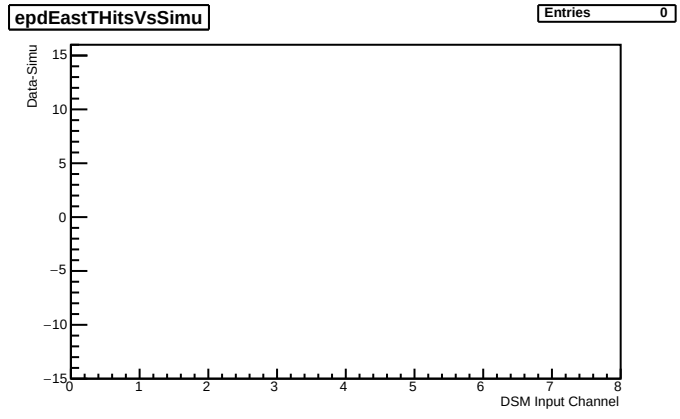

bbcSmallWestTacMax
Entries 279551


bbcSmallWestTacMaxVsSimu
Entries 240355
Data
Simu


epdEastTacMax
Entries 2236408
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2236408
Truncated NHits
DSMInput Channel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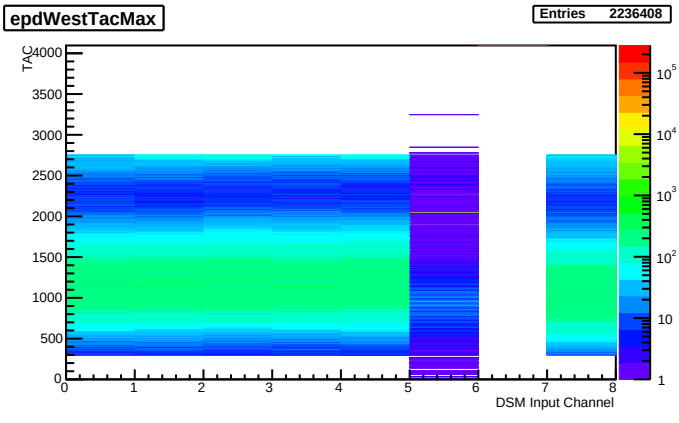
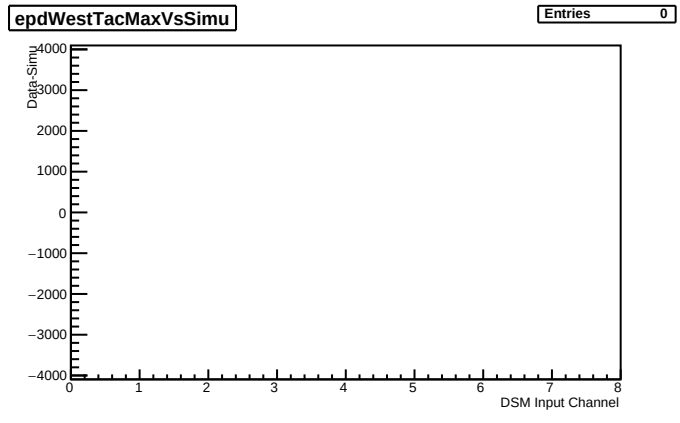
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2236408
TAC
DSM Input Channel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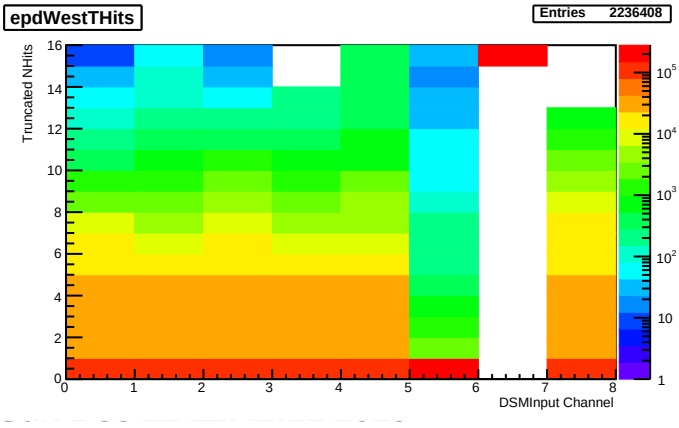
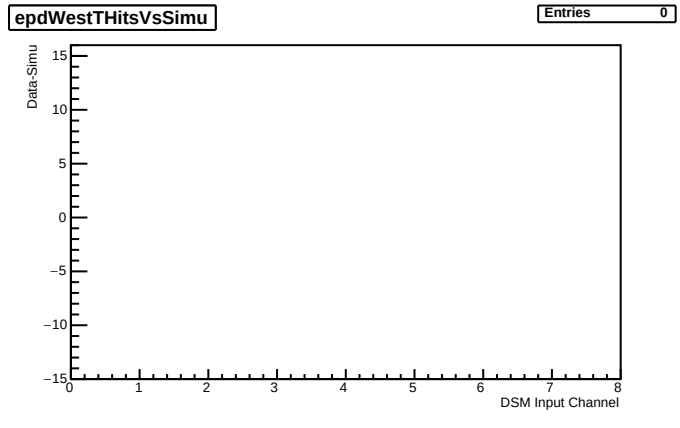
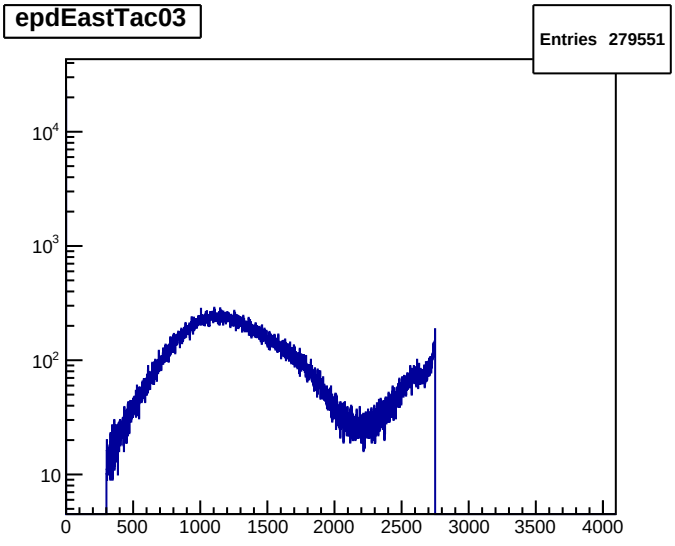
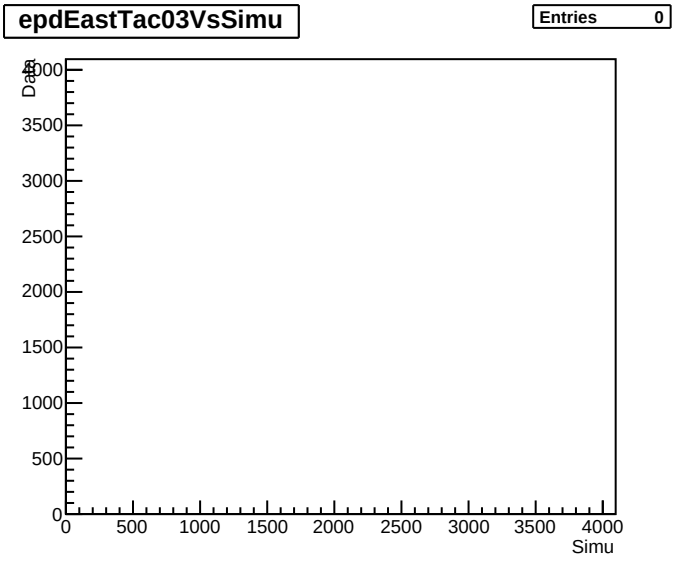
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2236408
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 279551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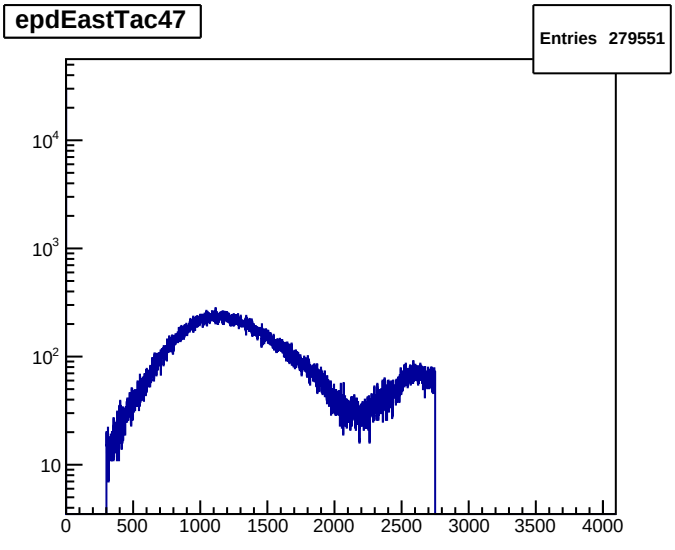
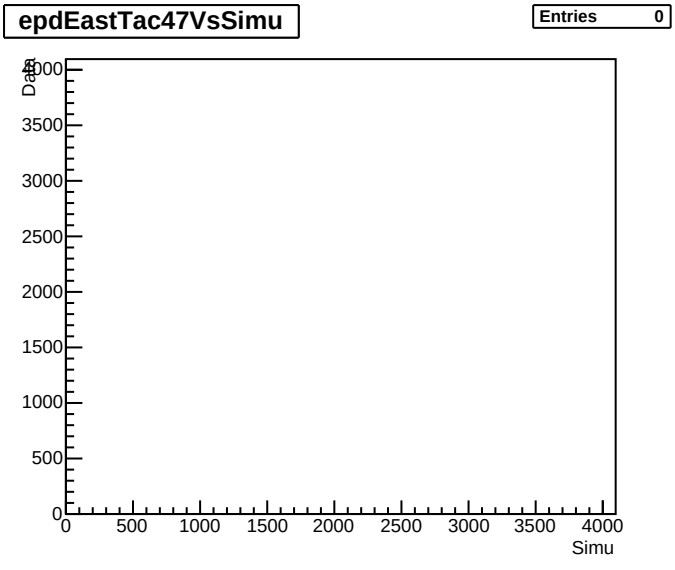
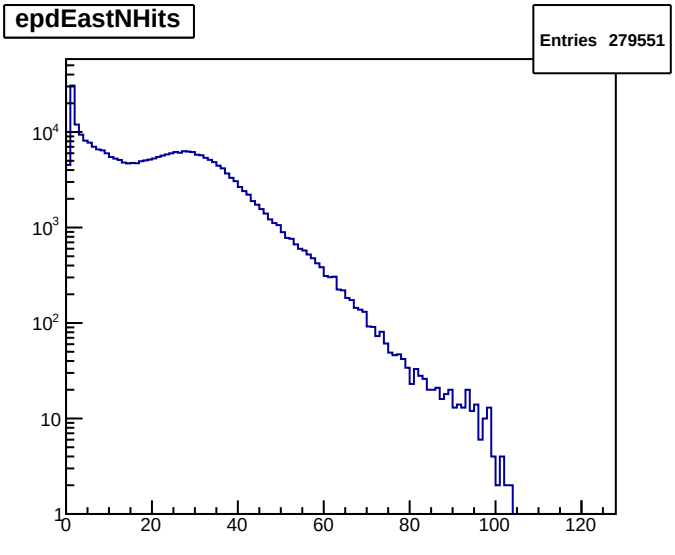
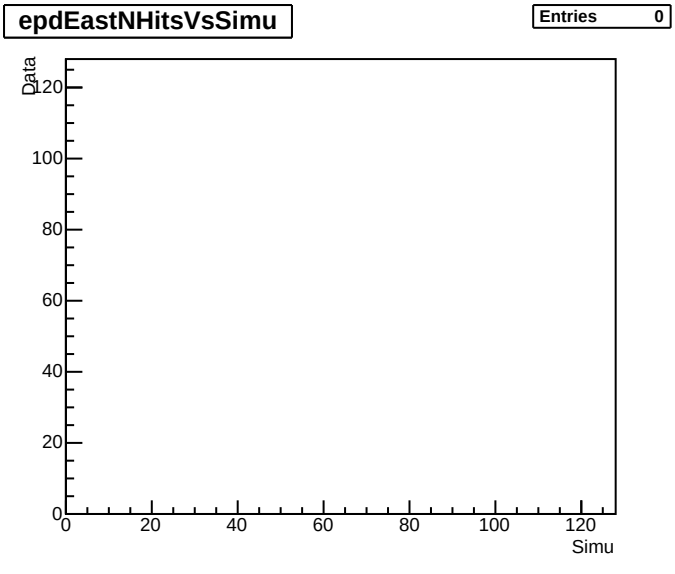
Entries 0
Data
Simu


epdEastTac47
Entries 279551


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 279551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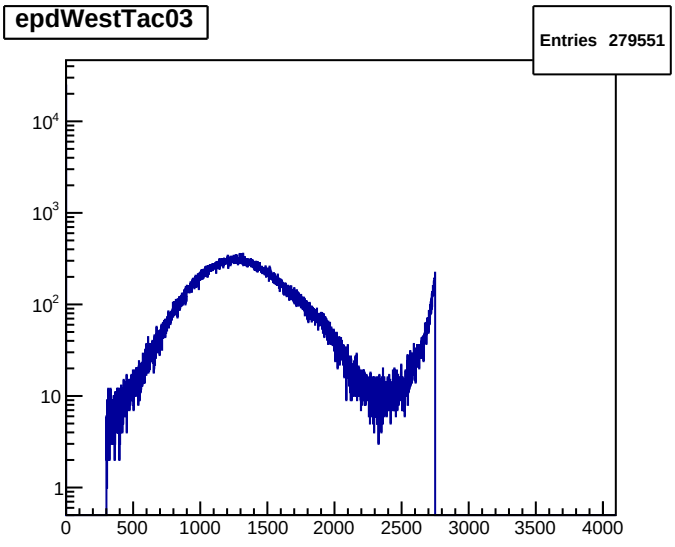
Entries 0
Data
Simu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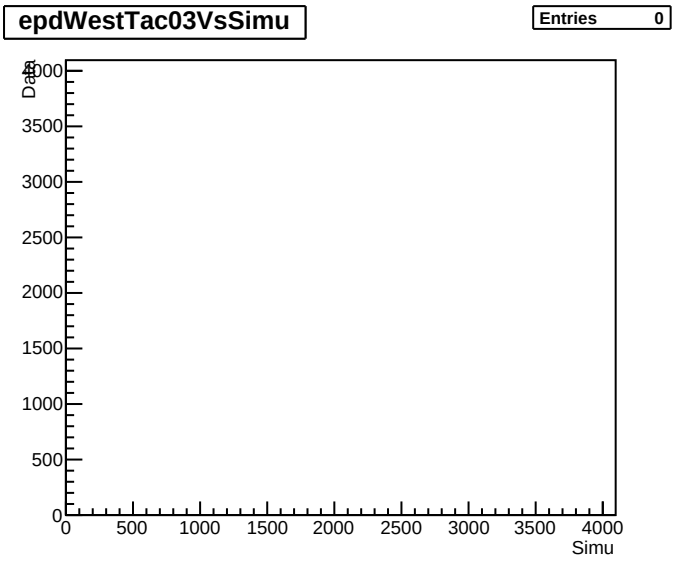
Entries 279551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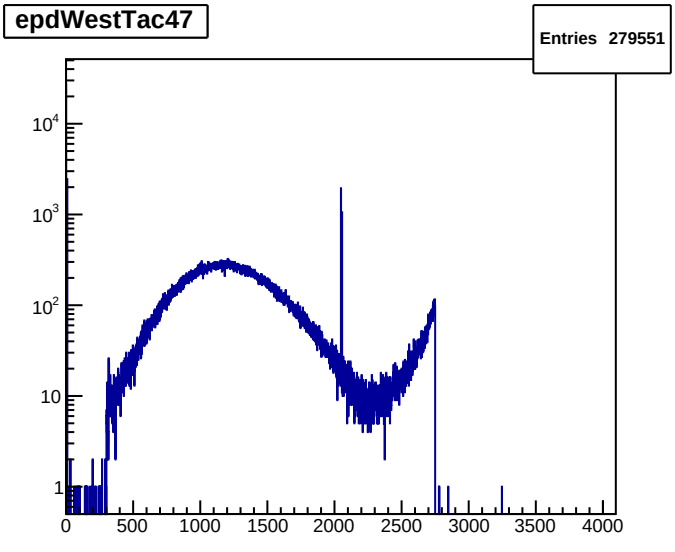
Entries 0
Data
Simu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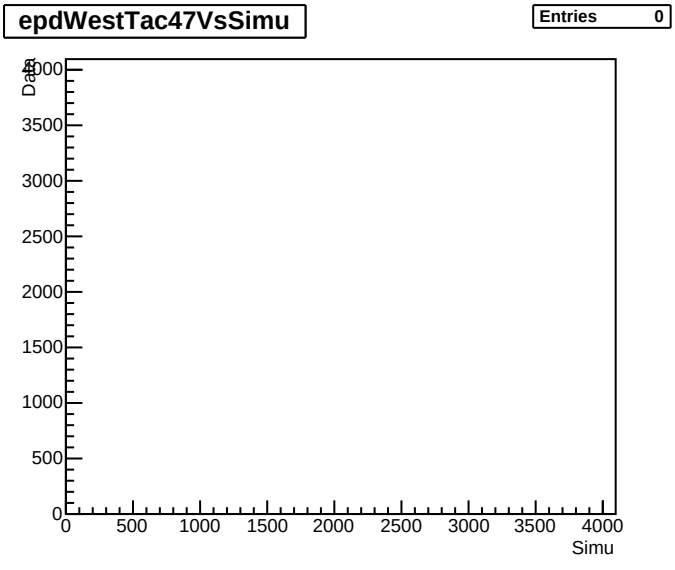
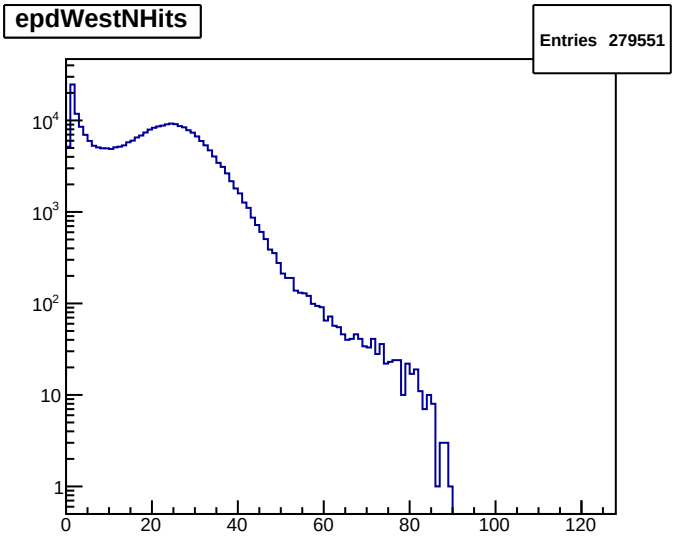
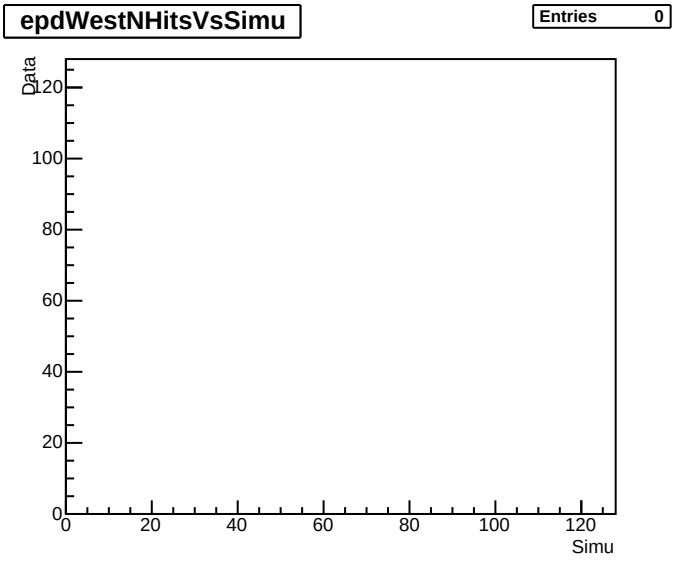
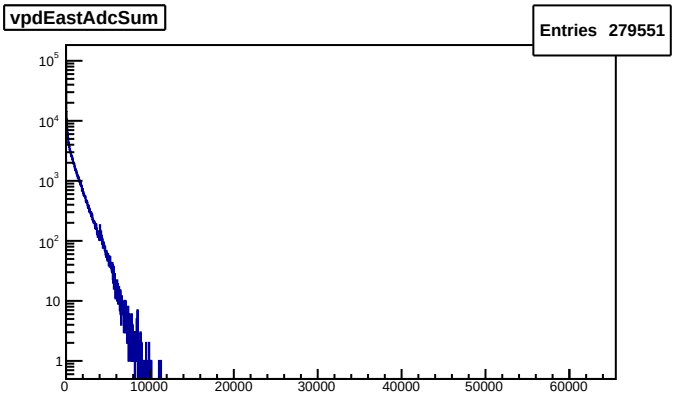
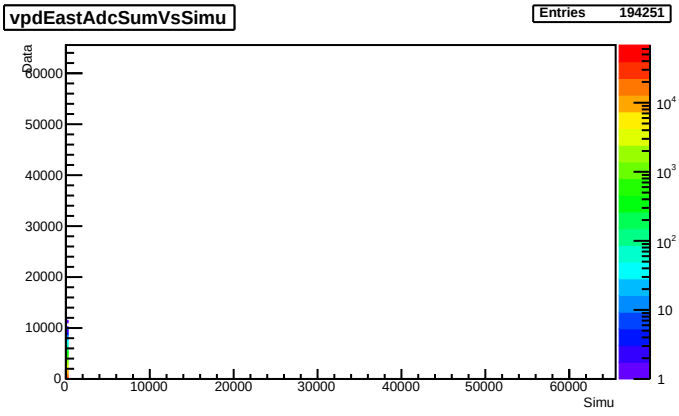
Entries 279551

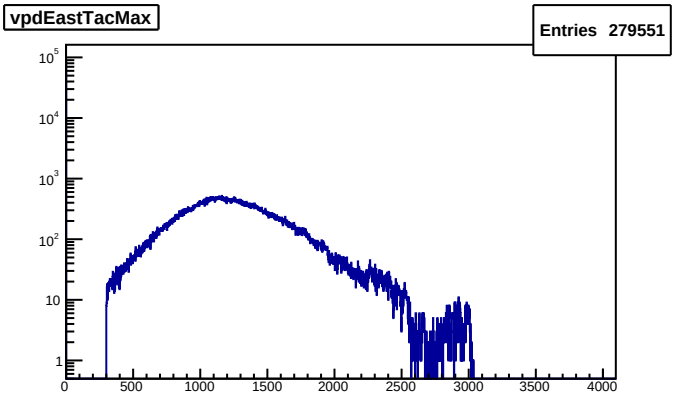

epdWestTac47VsSimu
Entries 0
Data
Simu

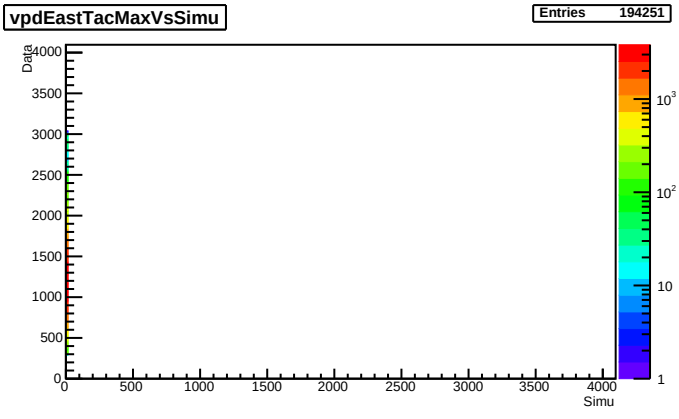

epdWestNHits
Entries 279551

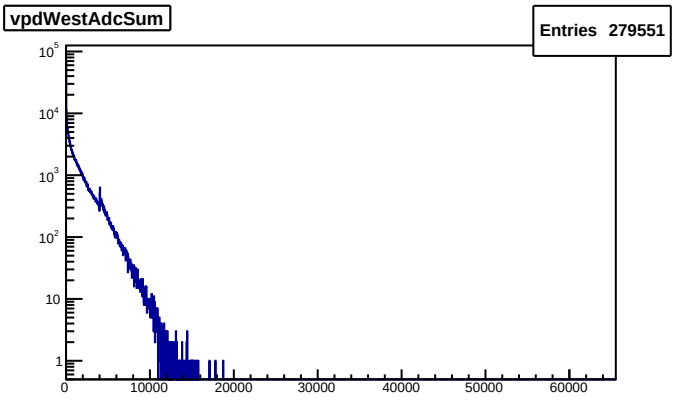

epdWestNHitsVsSimu
Entries 0
Data
Simu

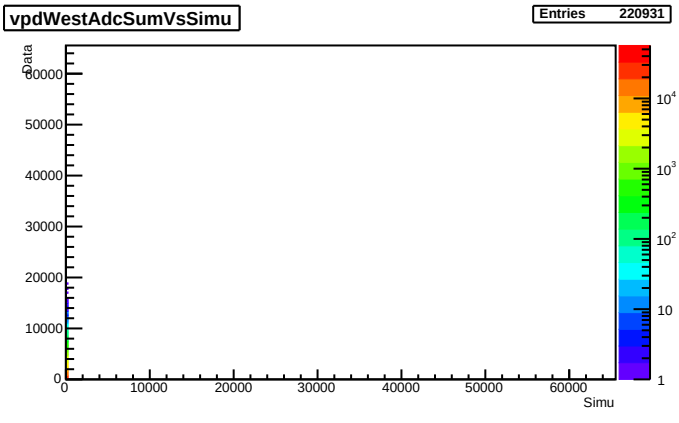

vpdEastAdcSum
Entries 279551

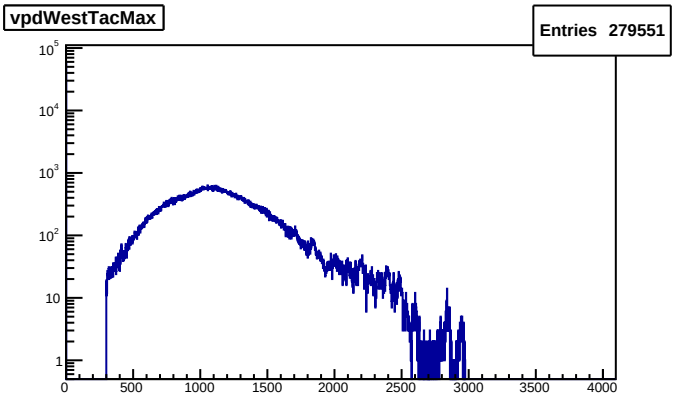

vpdEastAdcSumVsSimu
Entries 194251
Data
Simu

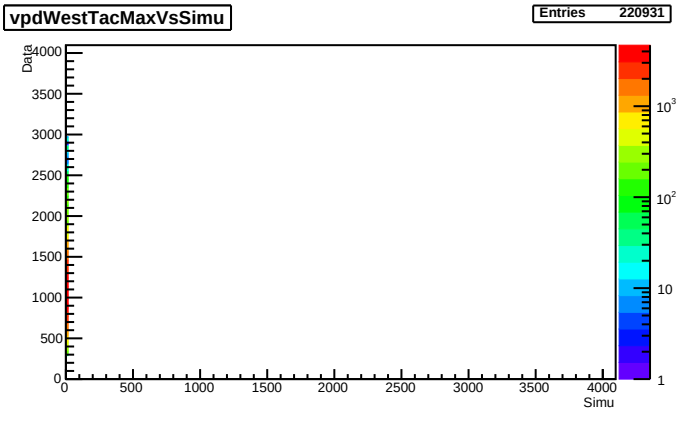

vpdEastTacMax
Entries 279551

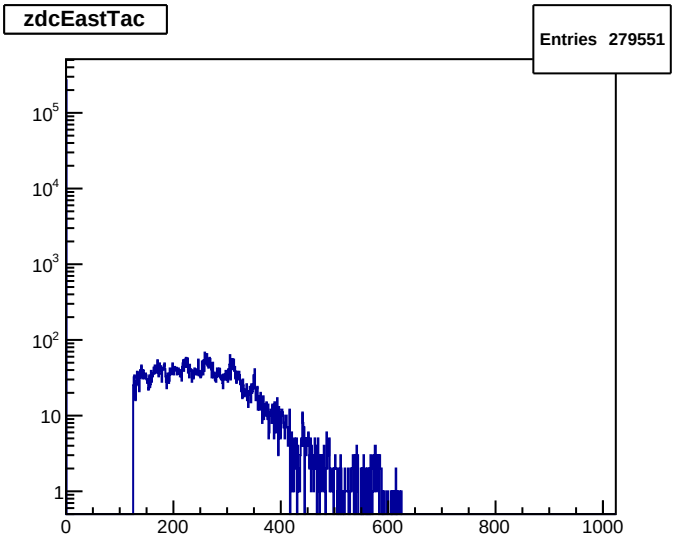

vpdEastTacMaxVsSimu
Entries 194251
Data
Simu

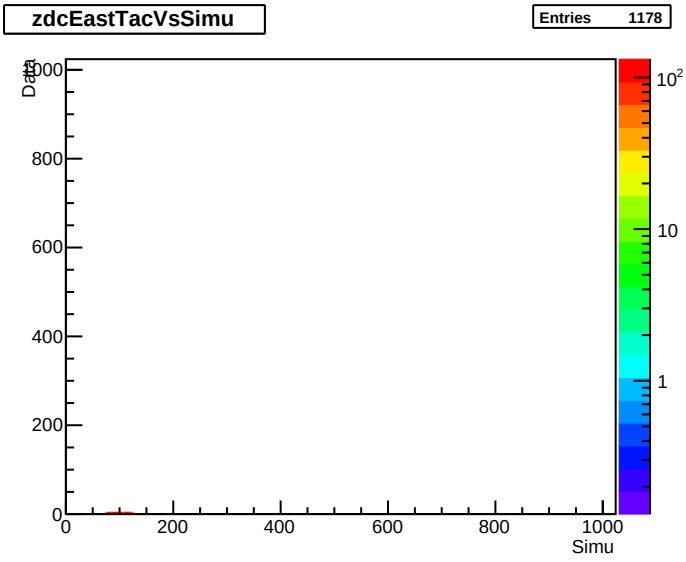

vpdWestAdcSum
Entries 279551

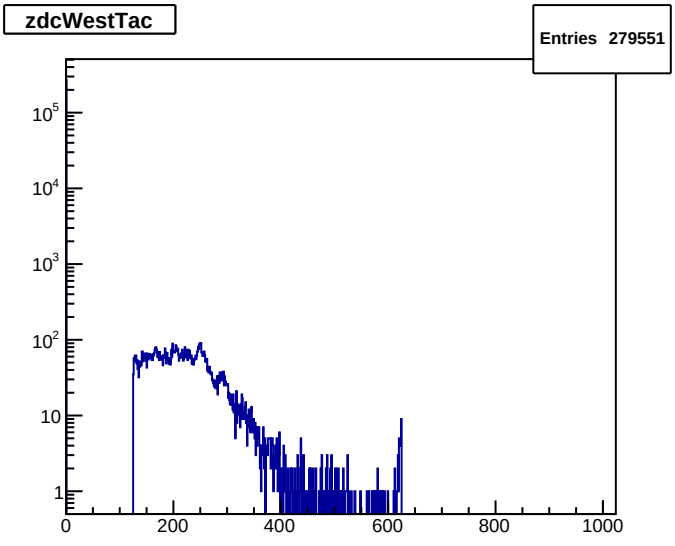

vpdWestAdcSumVsSimu
Entries 220931
Data
Simu

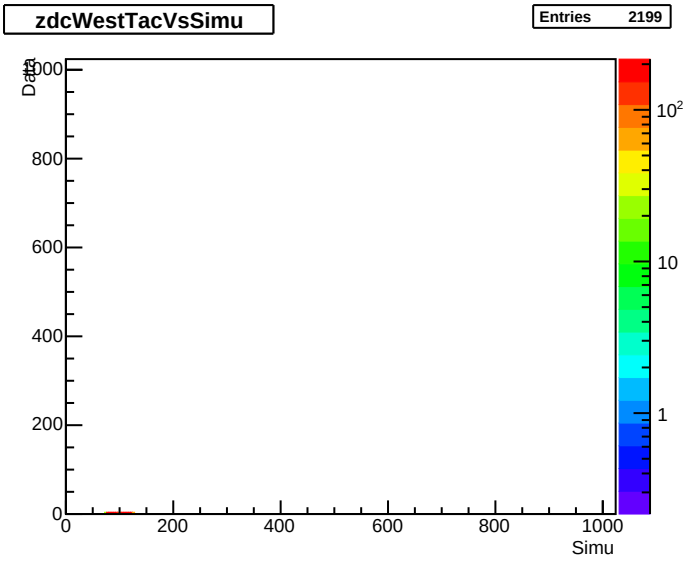

vpdWestTacMax
Entries 279551

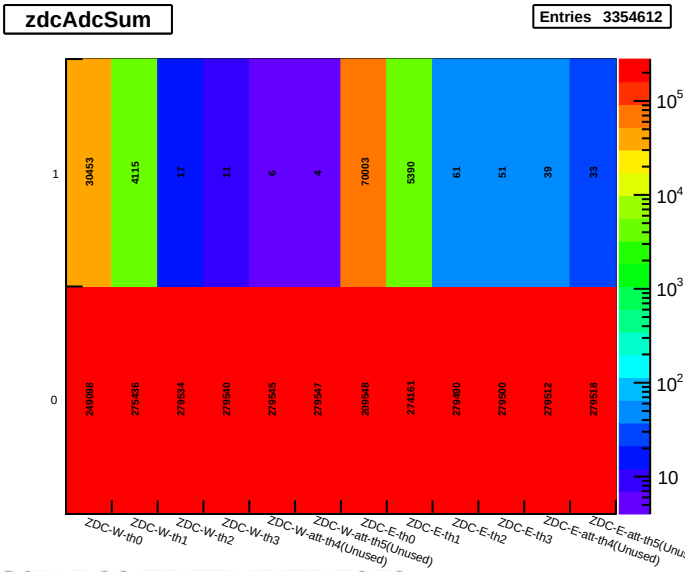

vpdWestTacMaxVsSimu
Entries 220931
Data
Simu

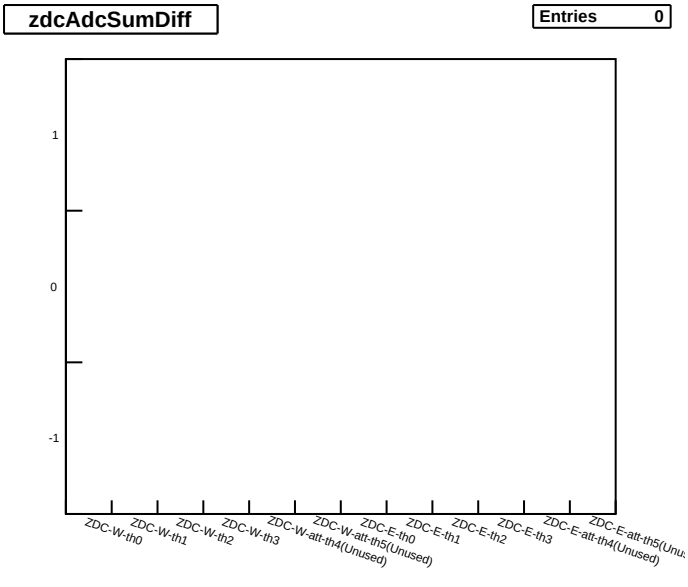

zdcEastTac
Entries 279551

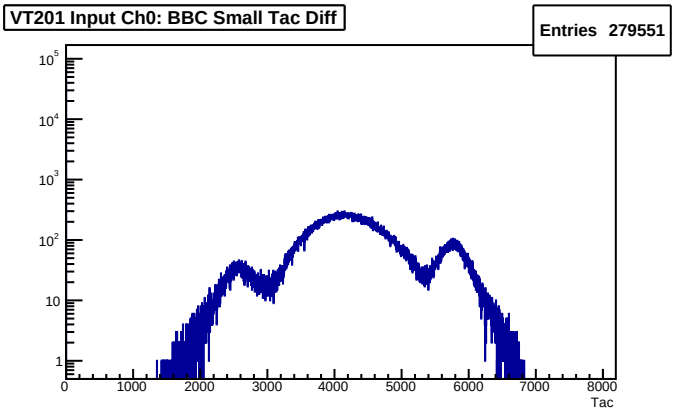

zdcEastTacVsSimu
Entries 1178
Data
Simu

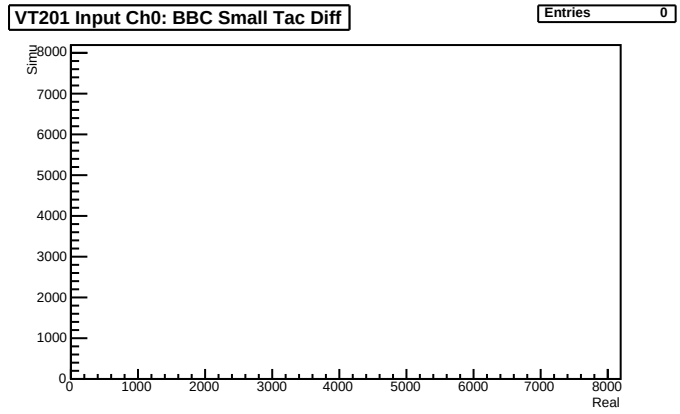

zdcWestTac
Entries 279551

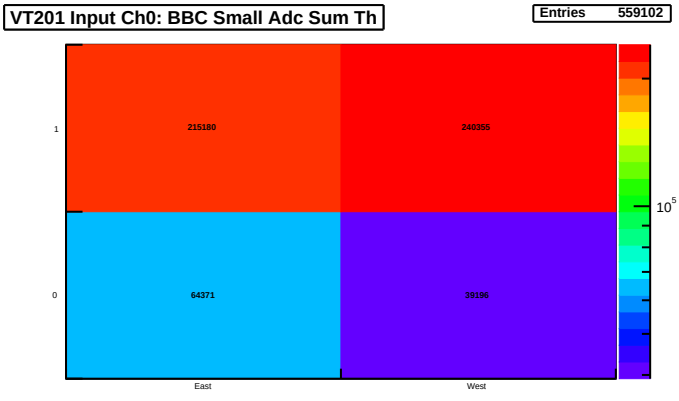

zdcWestTacVsSimu
Entries 2199
Data
Simu

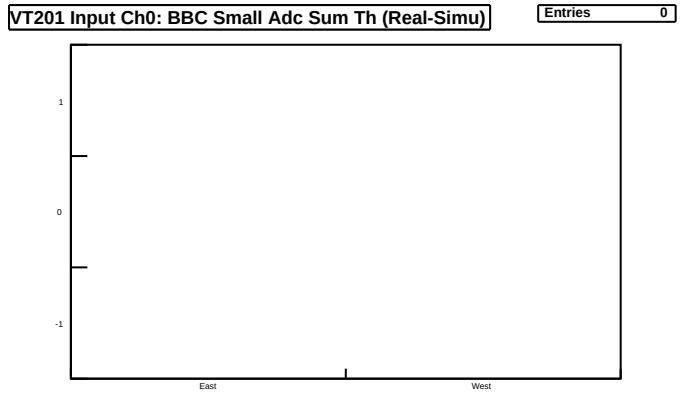

zdcAdcSum
Entries 3354612
30453
4115
17
11
6
4
70003
5390
61
51
39
33
249088
275436
279534
279540
279545
279547
209548
274161
279490
279500
279512
279518
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

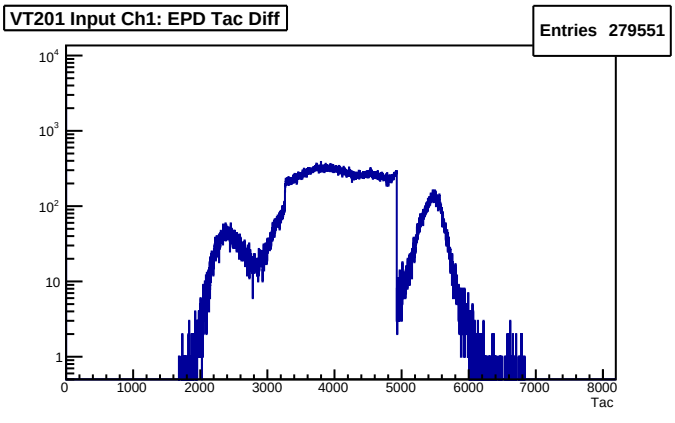

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

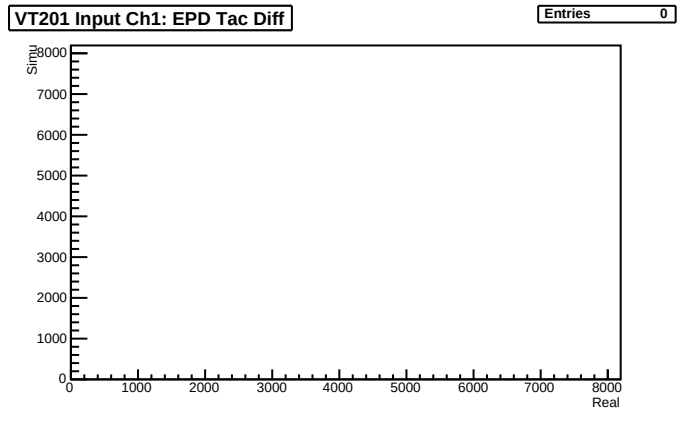

VT201 Input Ch0: BBC Small Tac Diff
Entries 279551
Tac

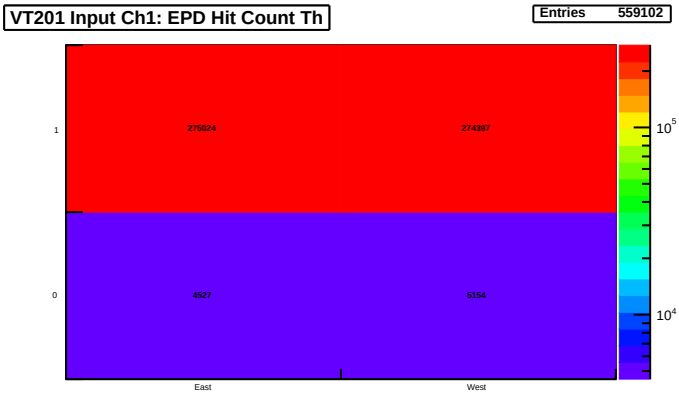

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

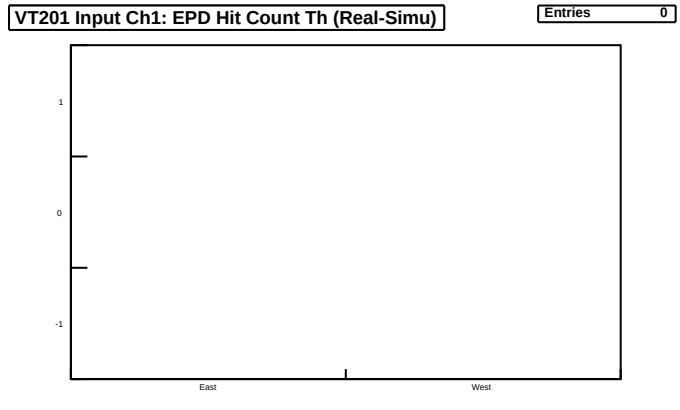

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 559102
215180
240355
64371
39196
East
West

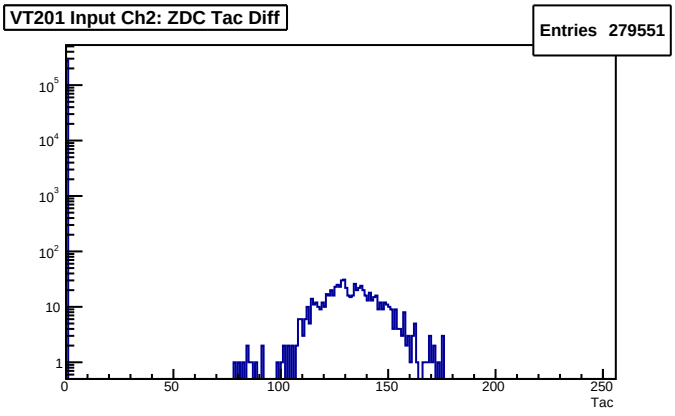

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

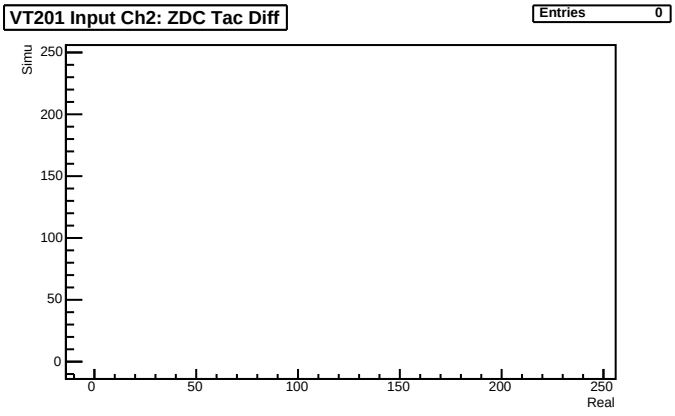

VT201 Input Ch1: EPD Tac Diff
Entries 279551
Tac

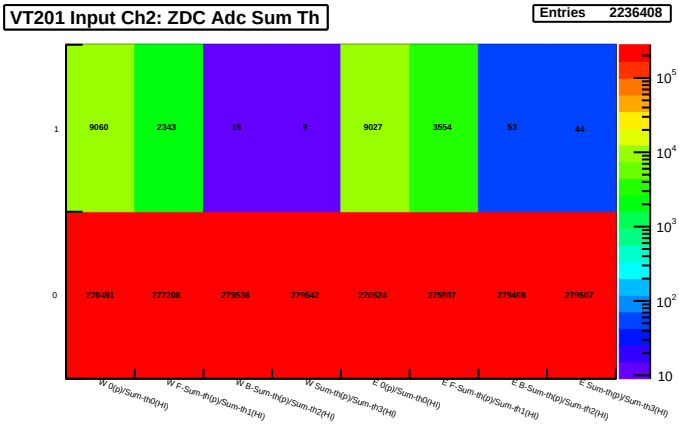

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

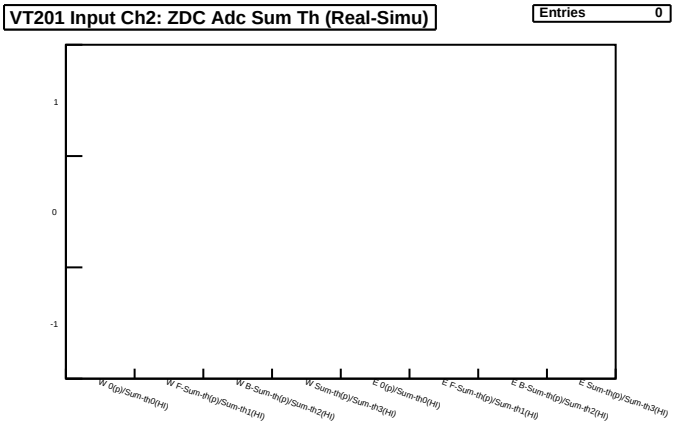

VT201 Input Ch1: EPD Hit Count Th
Entries 559102
275024
274397
4527
5154
East
West

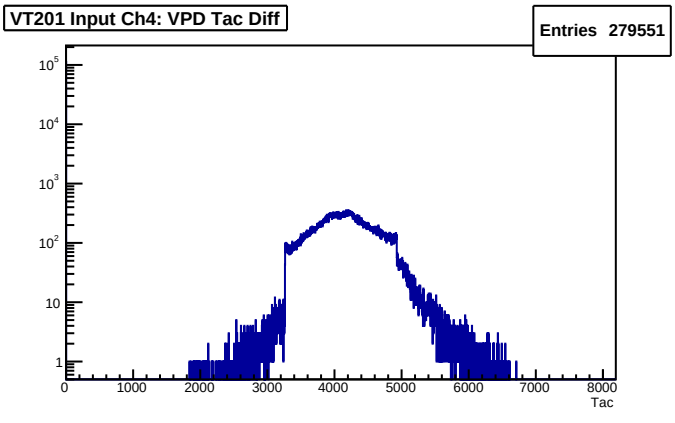

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

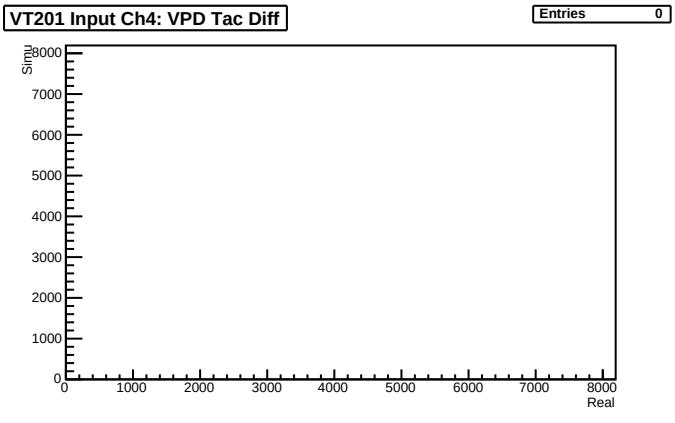

VT201 Input Ch2: ZDC Tac Diff
Entries 279551
Tac

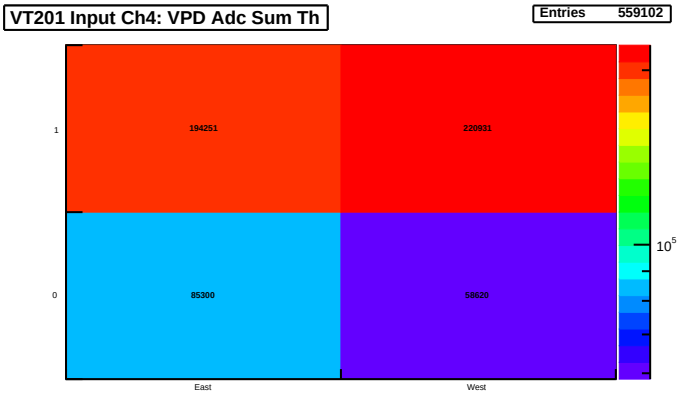

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

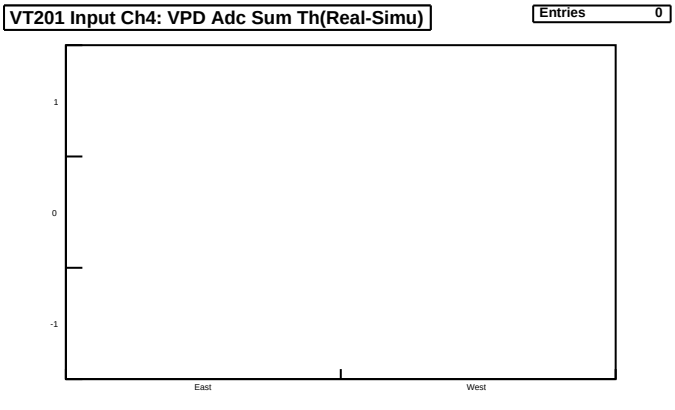

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2236408
9060
2343
15
9
9027
3554
53
44
270491
277208
279536
279542
270524
275997
279498
279507
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

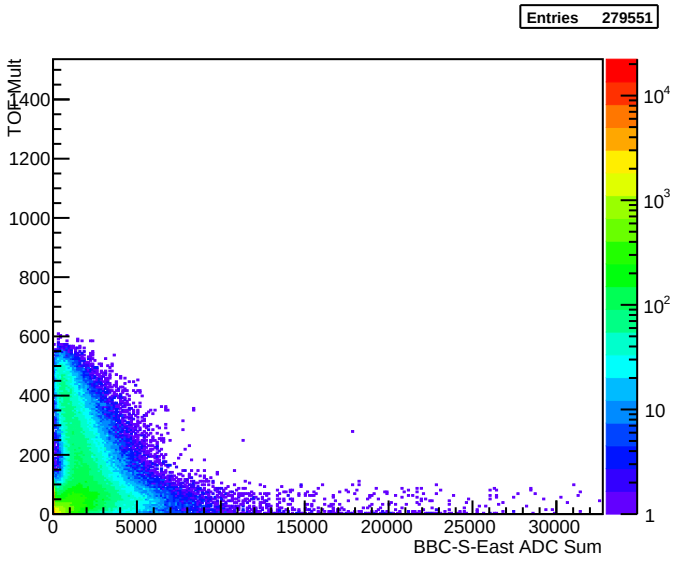

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

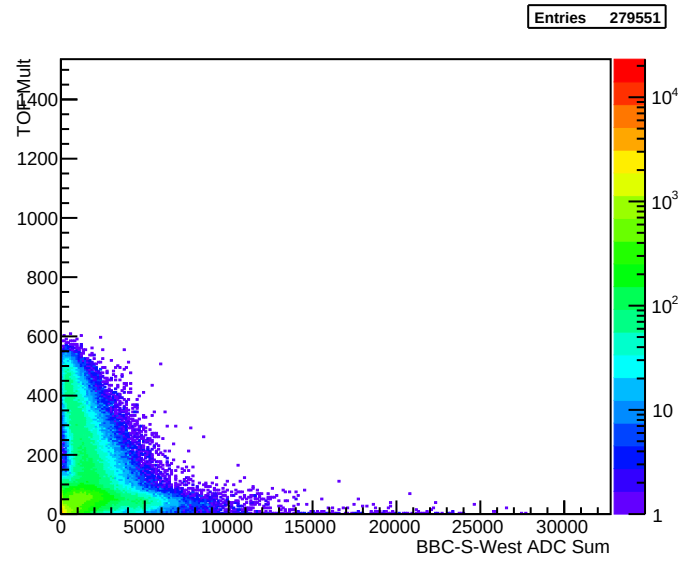

VT201 Input Ch4: VPD Tac Diff
Entries 279551
Tac

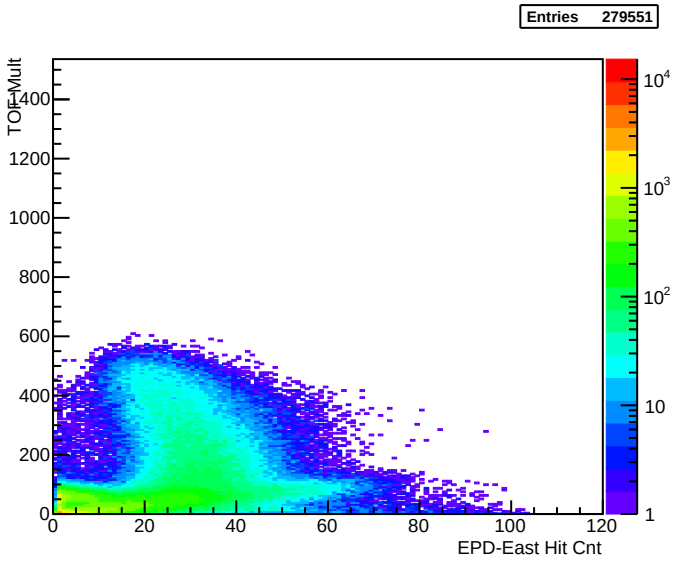

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

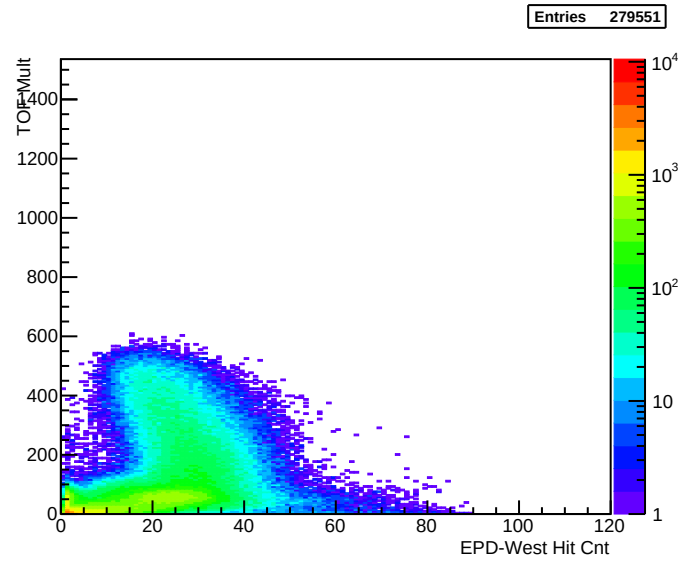

VT201 Input Ch4: VPD Adc Sum Th
Entries 559102
194251
220931
85300
58620
East
West

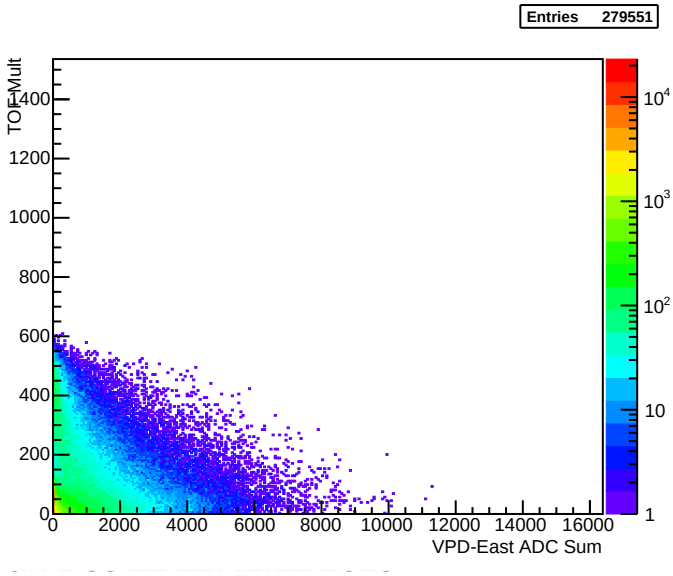

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

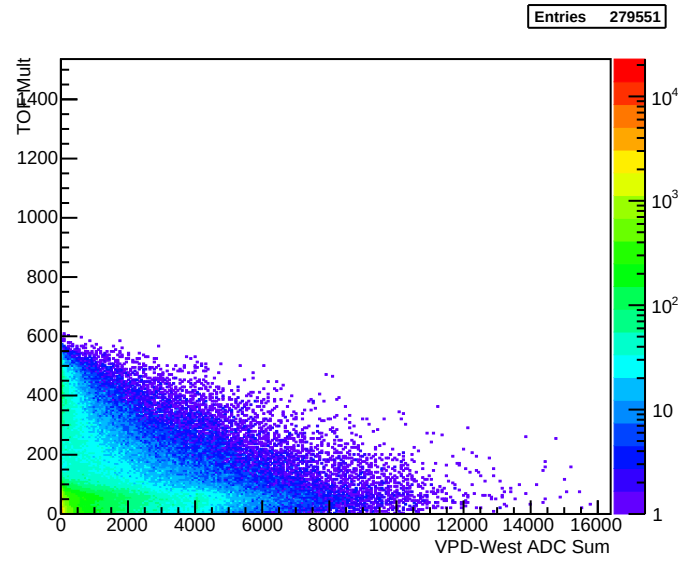

Entries 279551
TOF-Mult
BBC-S-East ADC Sum

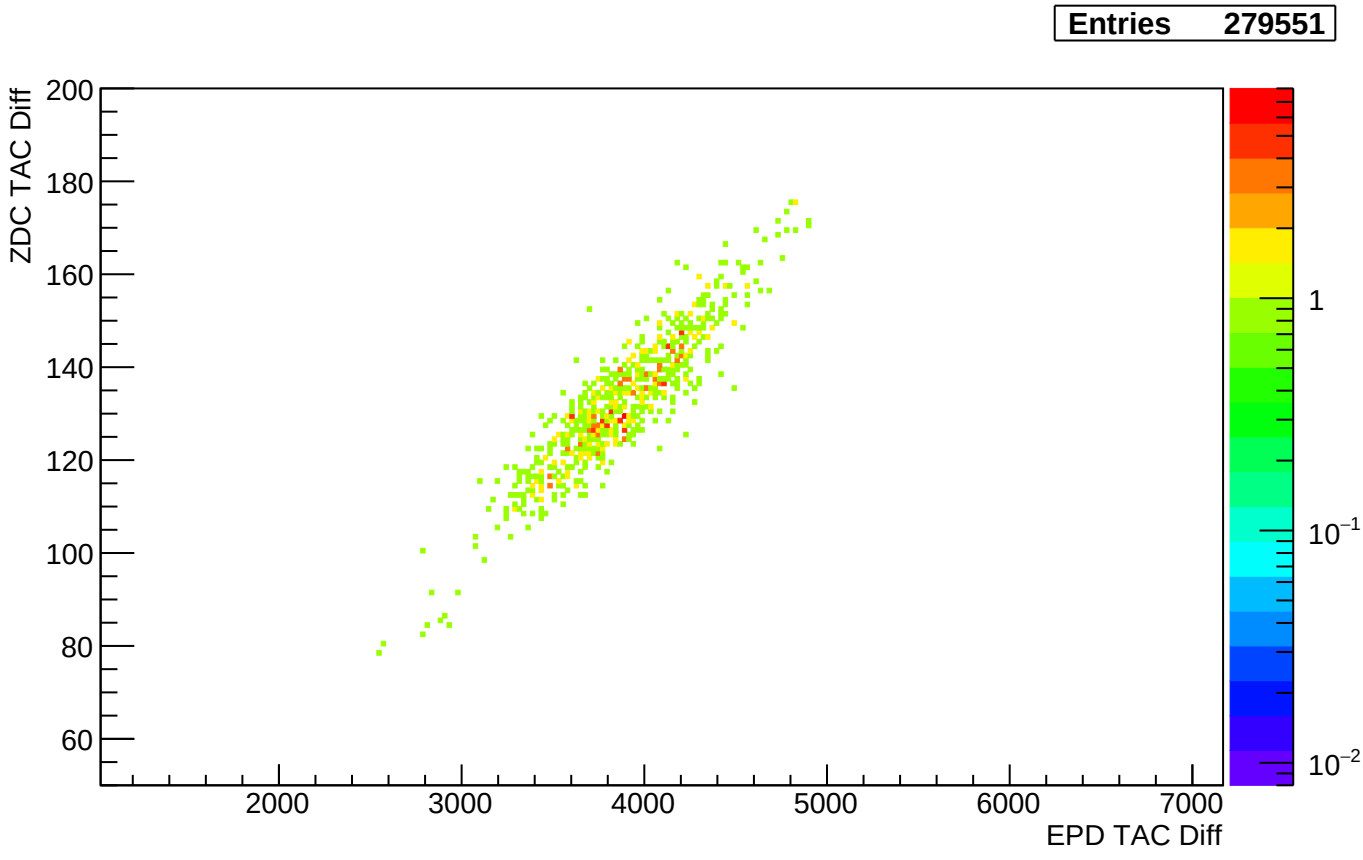

Entries 279551
TOF-Mult
BBC-S-West ADC Sum

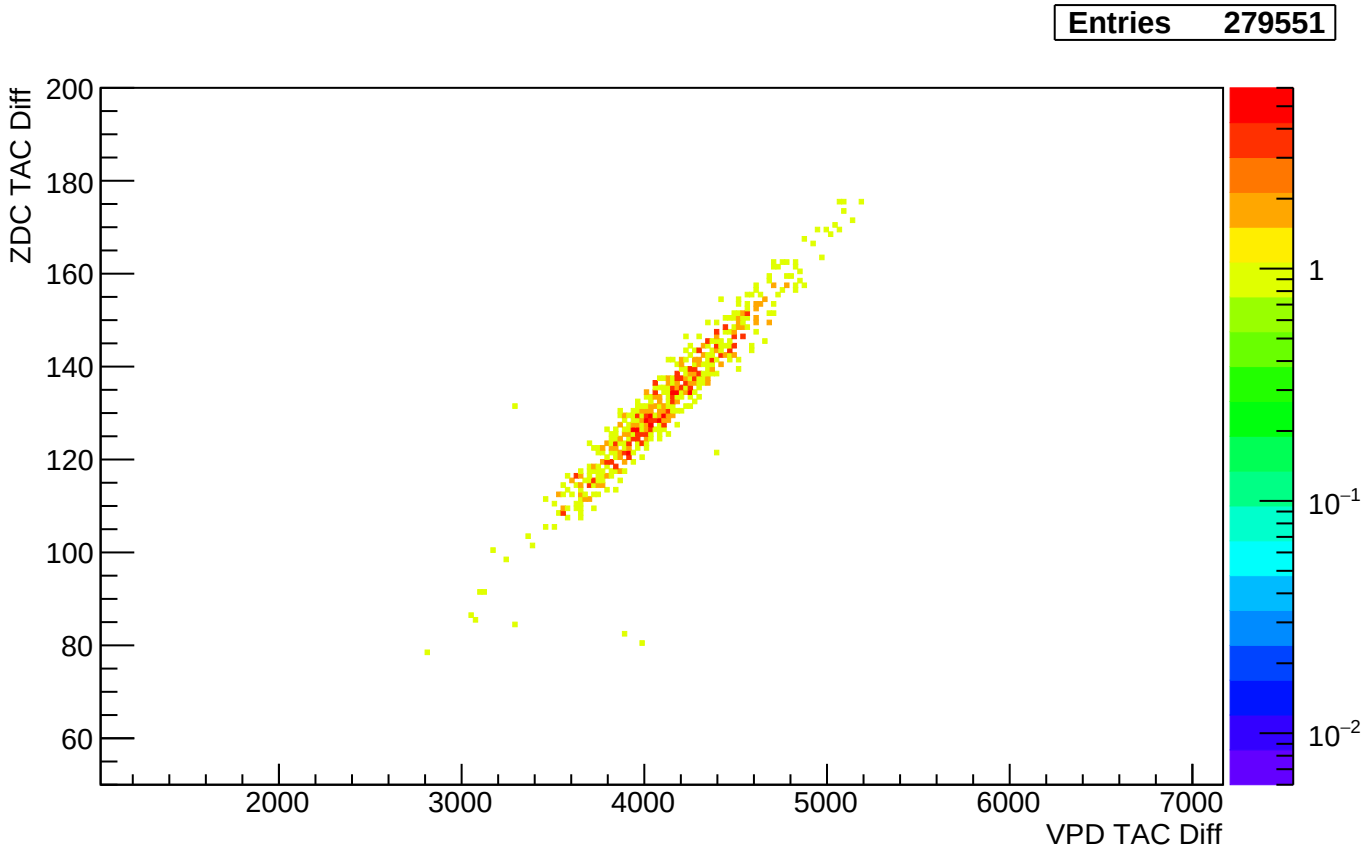

Entries 279551
TOF-Mult
EPD-East Hit Cnt

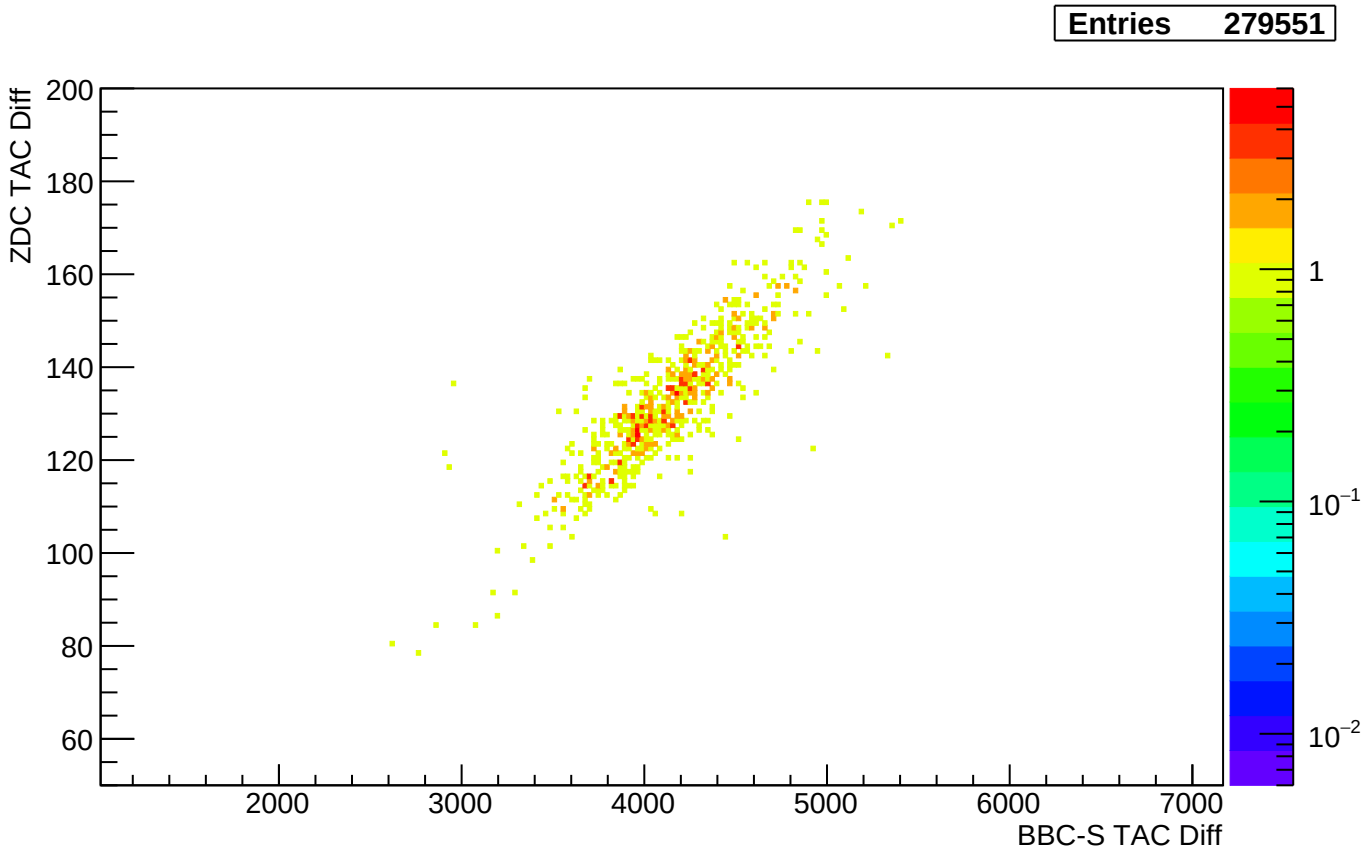

Entries 279551
TOF-Mult
EPD-West Hit Cnt

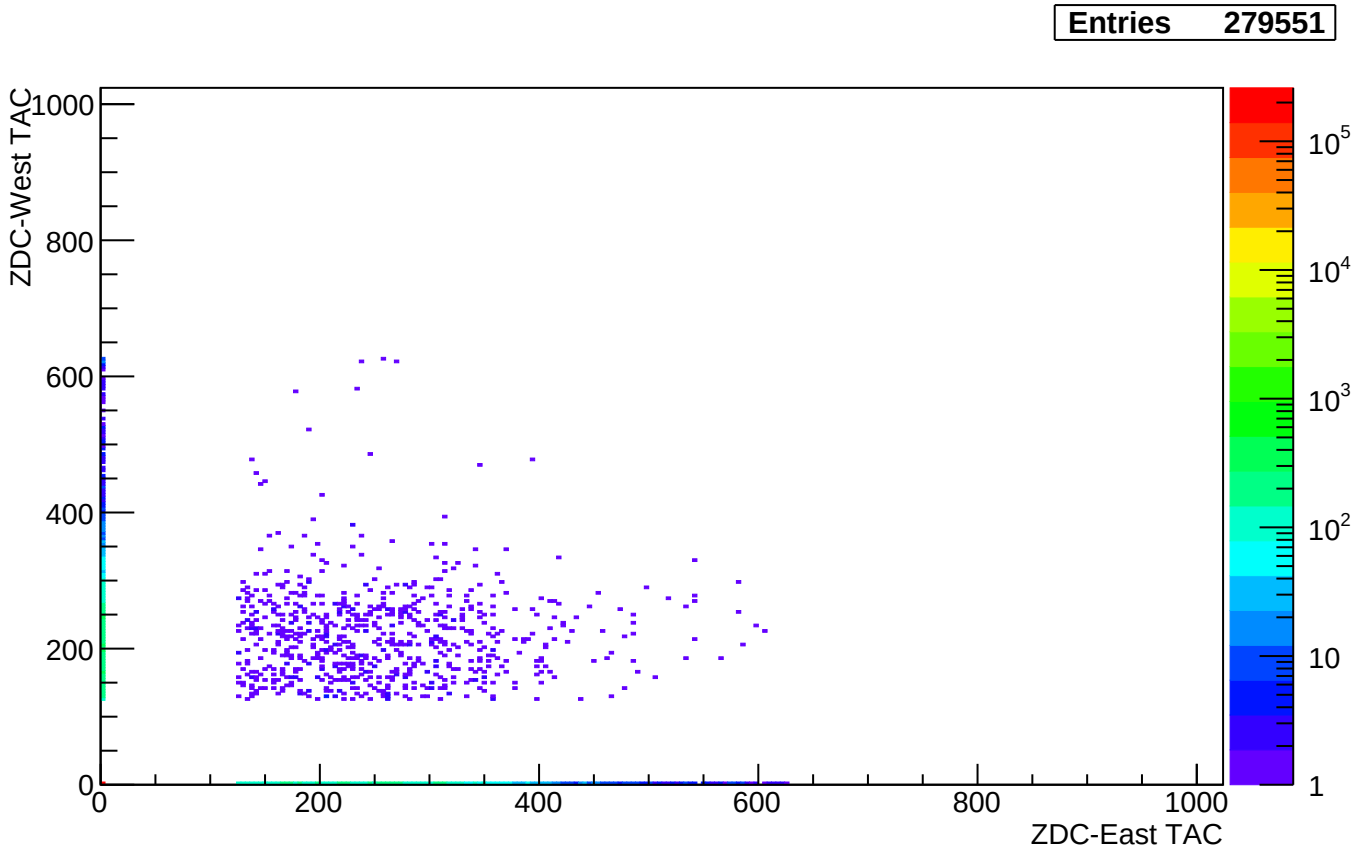

Entries 279551
TOF-Mult
VPD-East ADC Sum

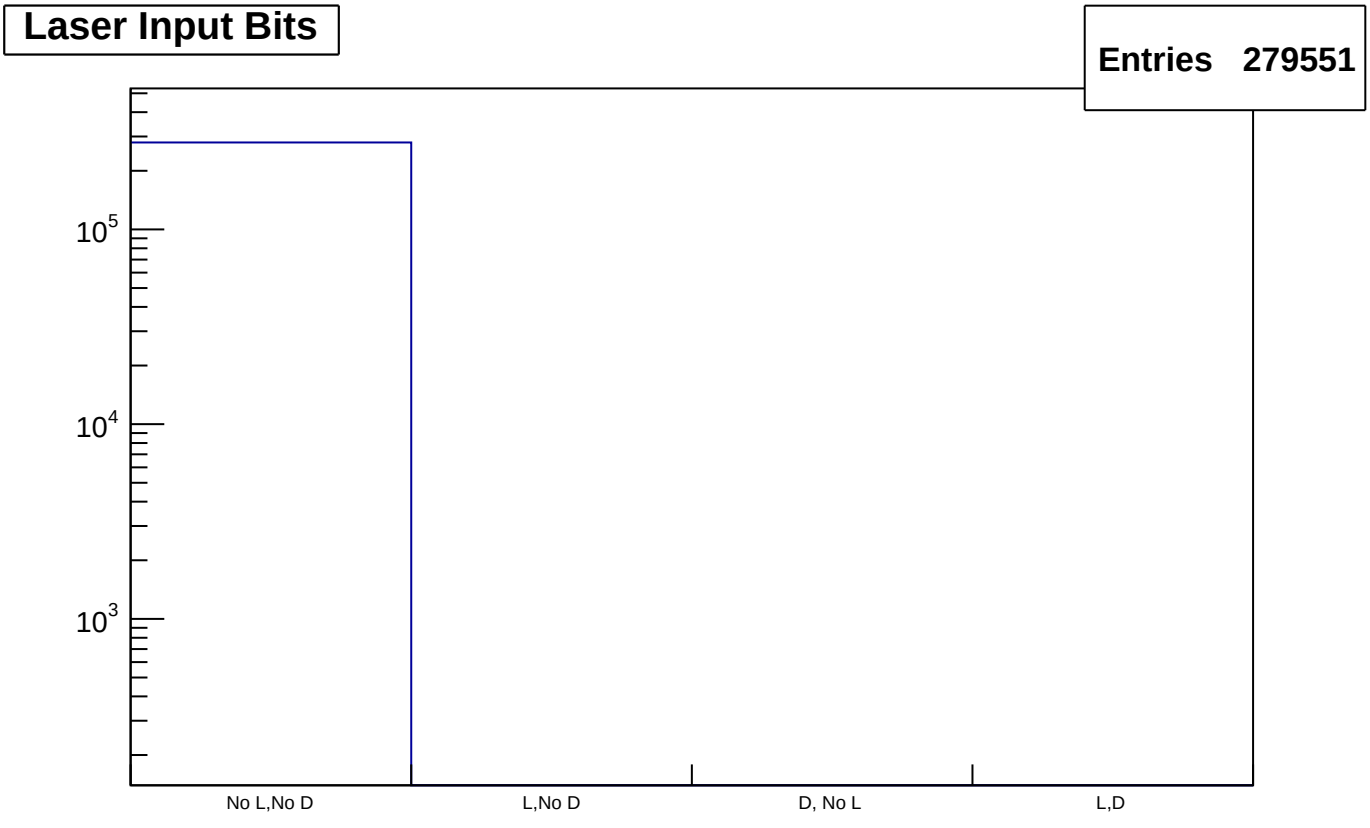

Entries 279551
TOF-Mult
VPD-West ADC Sum

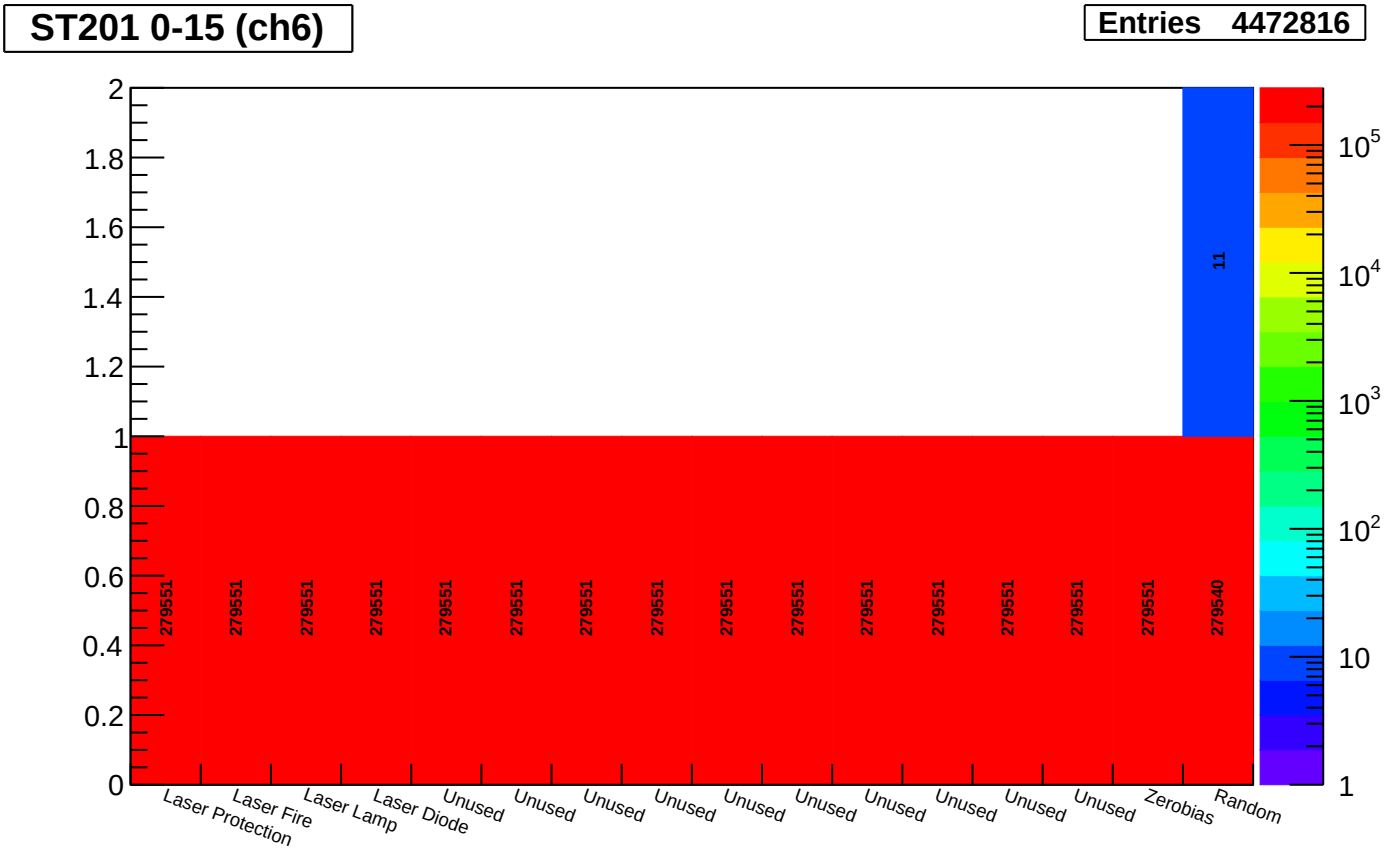

Entries 279551
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

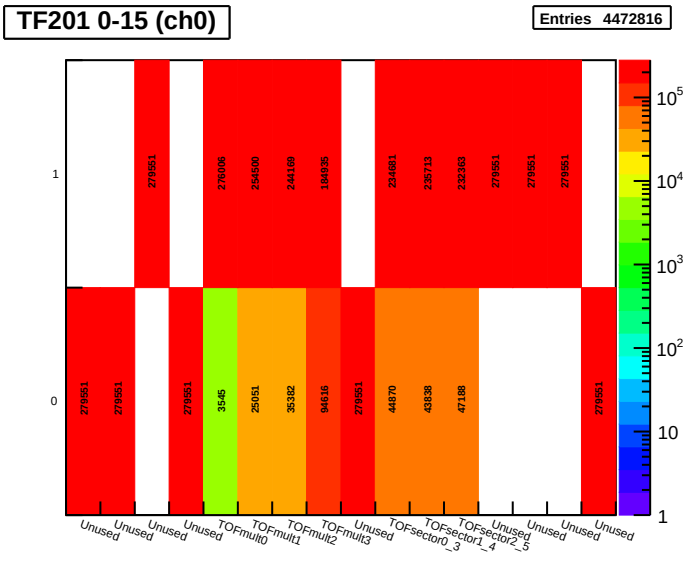

Entries 279551
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

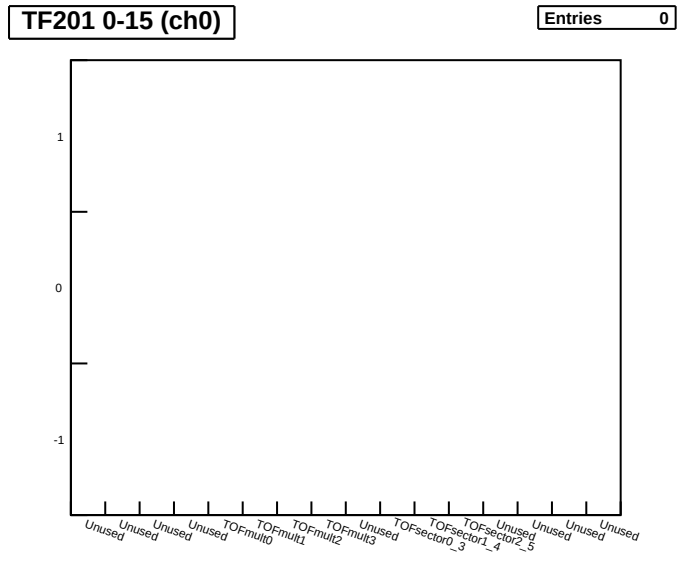

Entries 279551
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

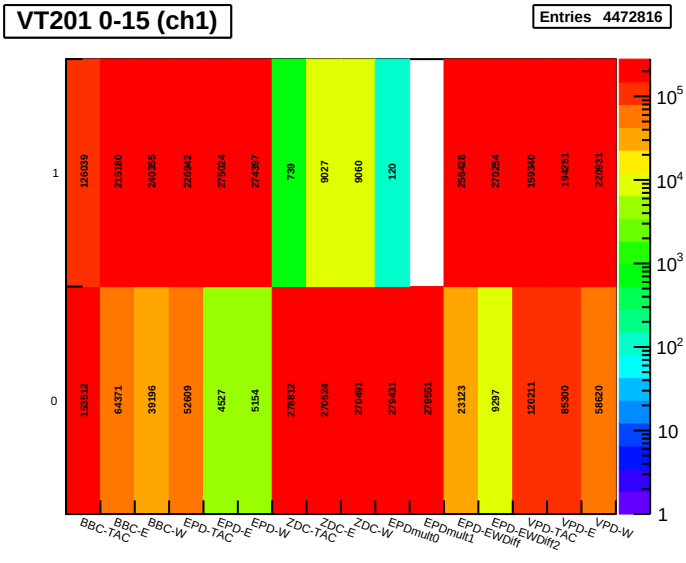

Entries 279551
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

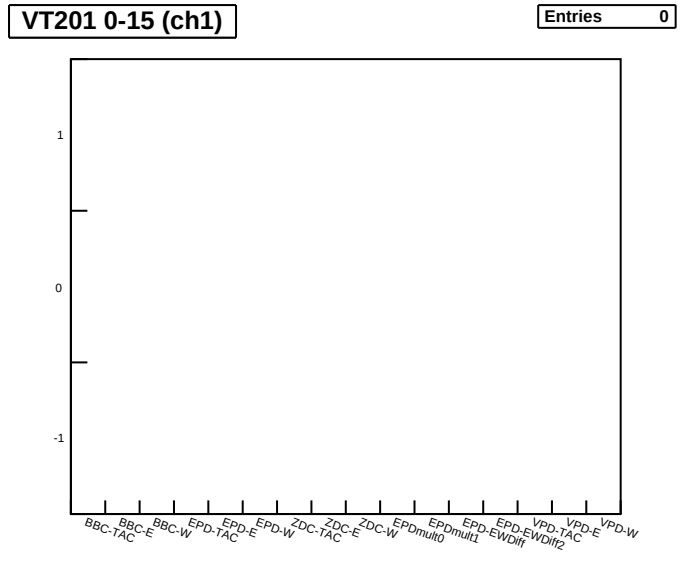

Laser Input Bits
Entries 279551
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

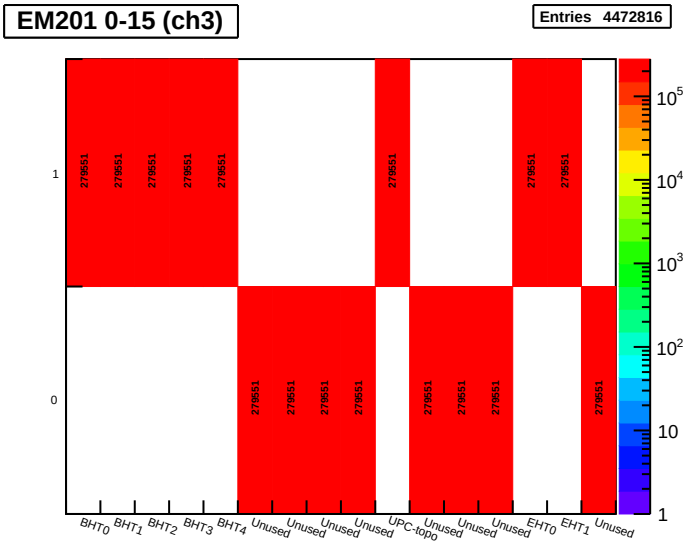

ST201 0-15 (ch6)
Entries 4472816
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
279551
279540
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 4472816
1
0
279551
276006
254500
244169
184935
234681
235713
232363
279551
279551
279551
279551
279551
3545
25051
35382
94616
279551
44870
43838
47188
279551
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
Unused


VT201 0-15 (ch1)
Entries 4472816
1
0
126039
215180
240355
226942
275024
274397
739
9027
9060
120
256428
270254
159340
194251
220931
153512
64371
39196
52609
4527
5154
278812
270524
270491
279431
279551
23123
9297
120211
85300
58620
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 4472816
1
0
279551
279551
279551
279551
279551
279551
279551
279551
279551
279551
279551
279551
279551
279551
279551
279551
279551
279551
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
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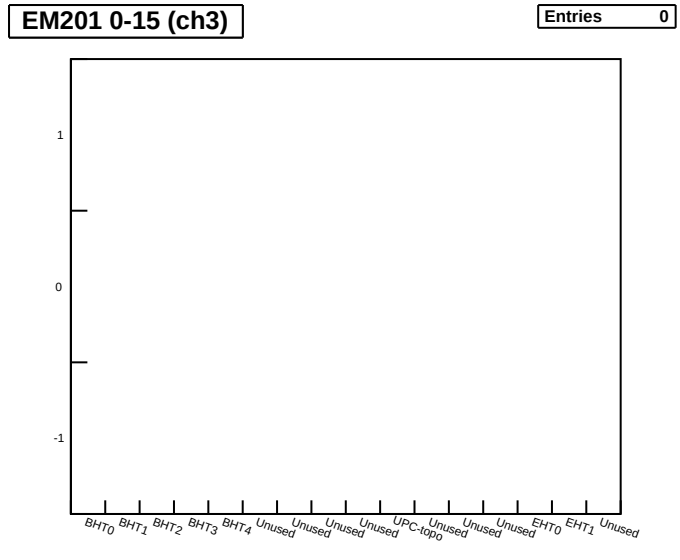
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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