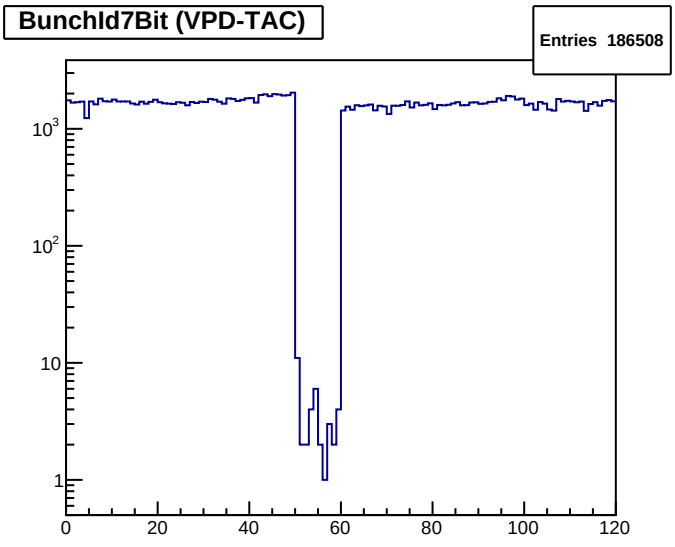
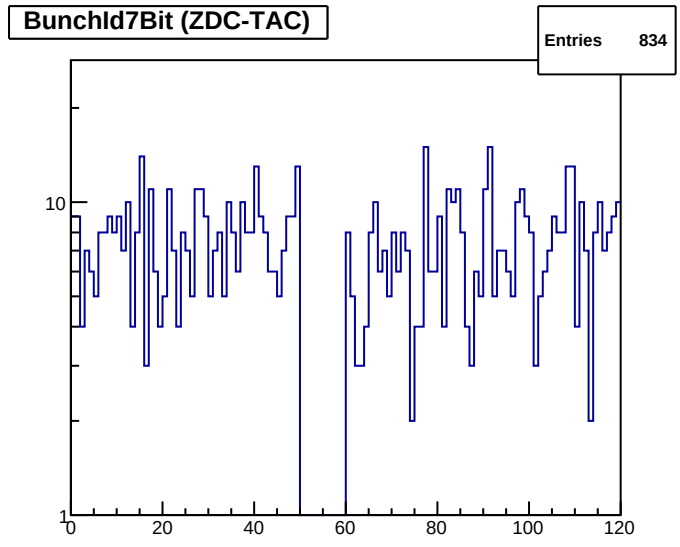
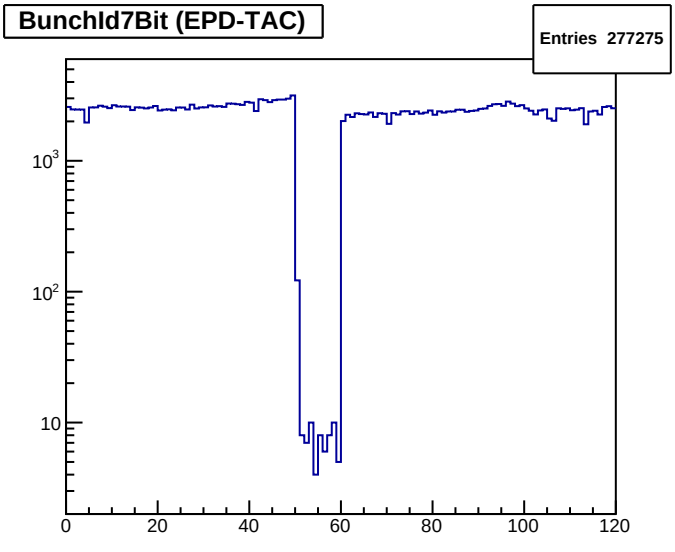
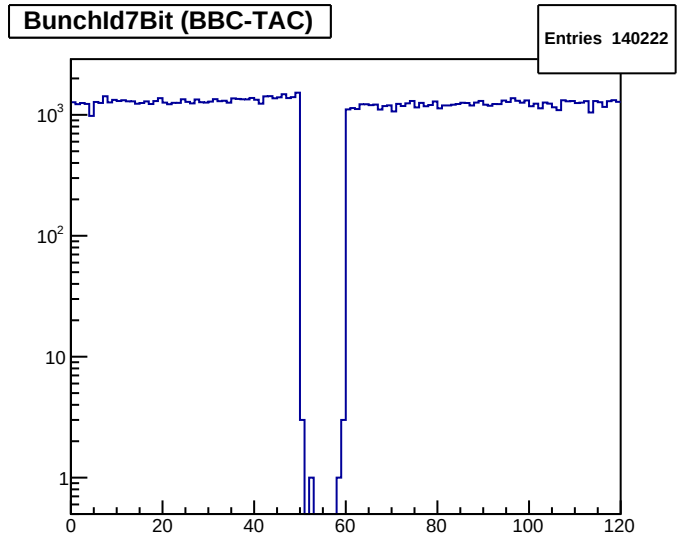
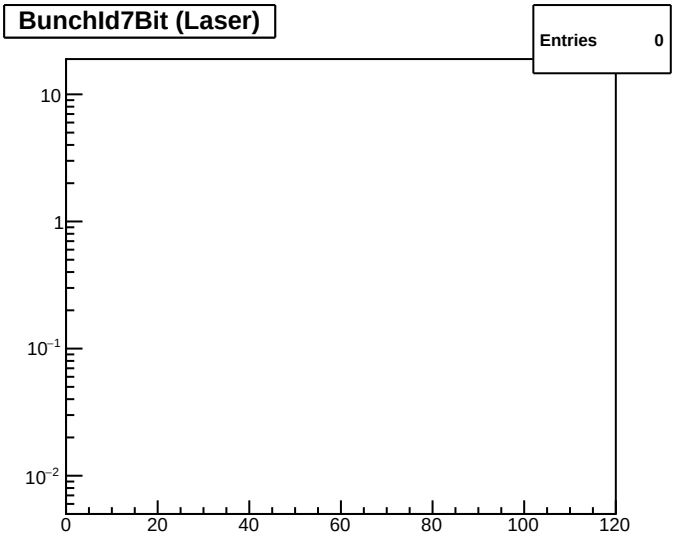
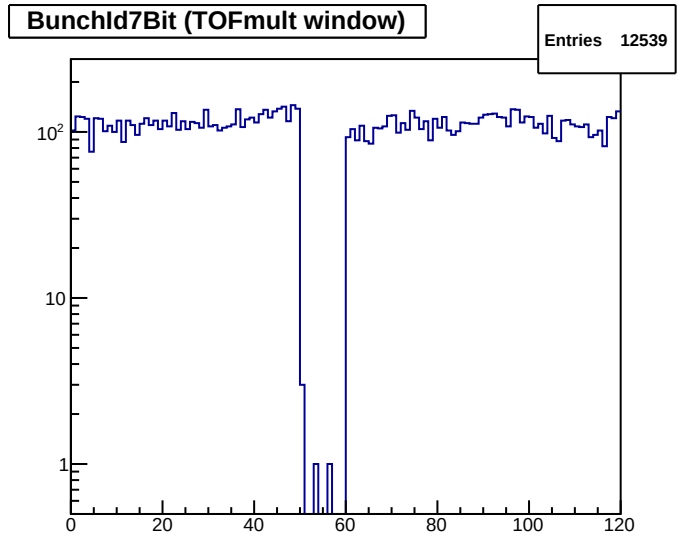

BunchId7Bit (VPD-TAC)
Entries 186508

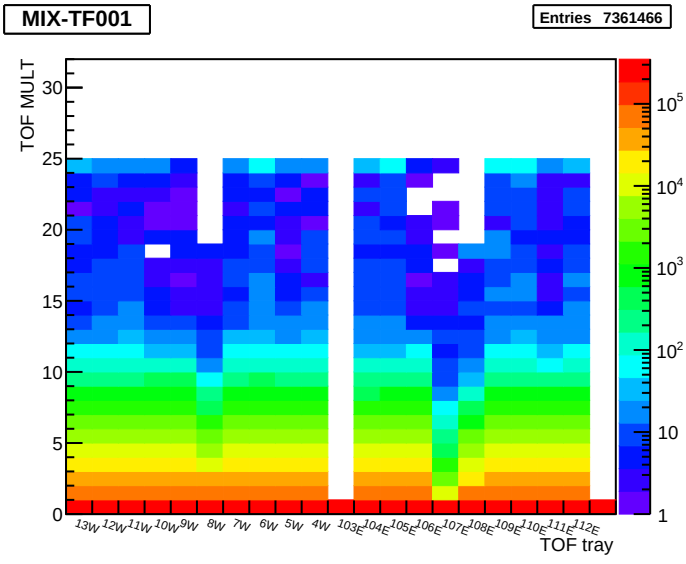

BunchId7Bit (ZDC-TAC)
Entries 834

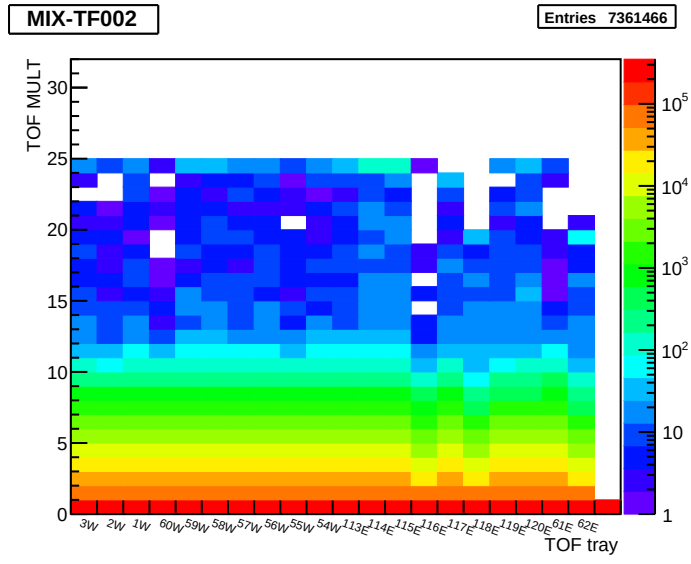

BunchId7Bit (EPD-TAC)
Entries 277275

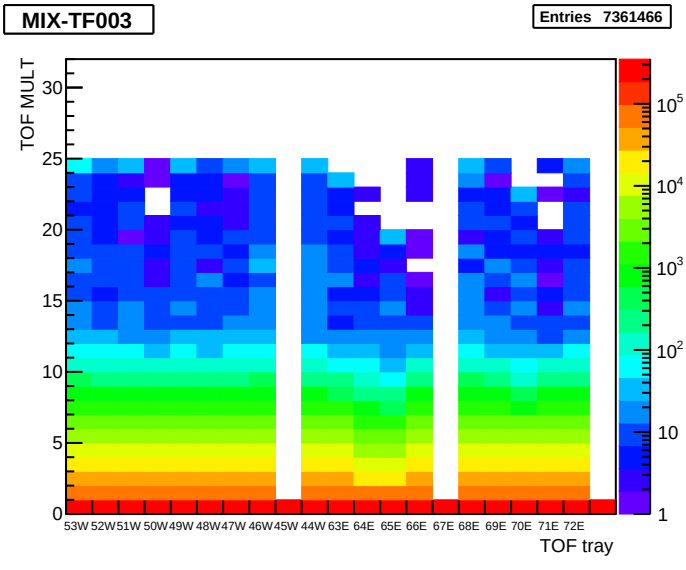

BunchId7Bit (BBC-TAC)
Entries 140222

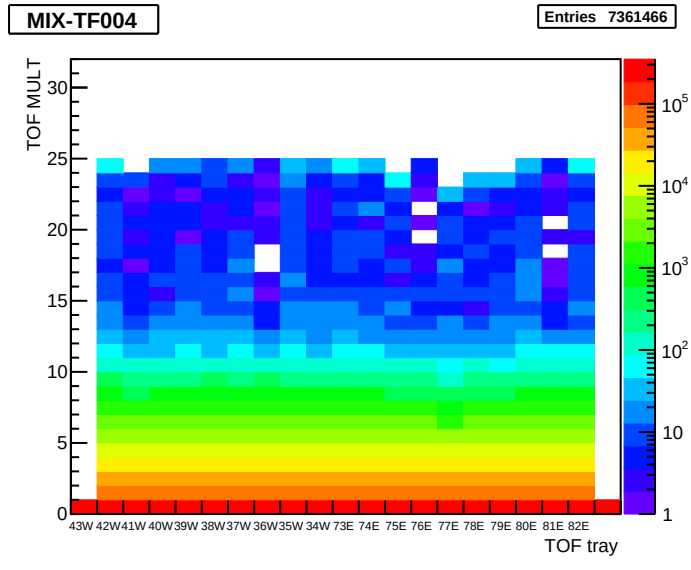

BunchId7Bit (Laser)
Entries 0

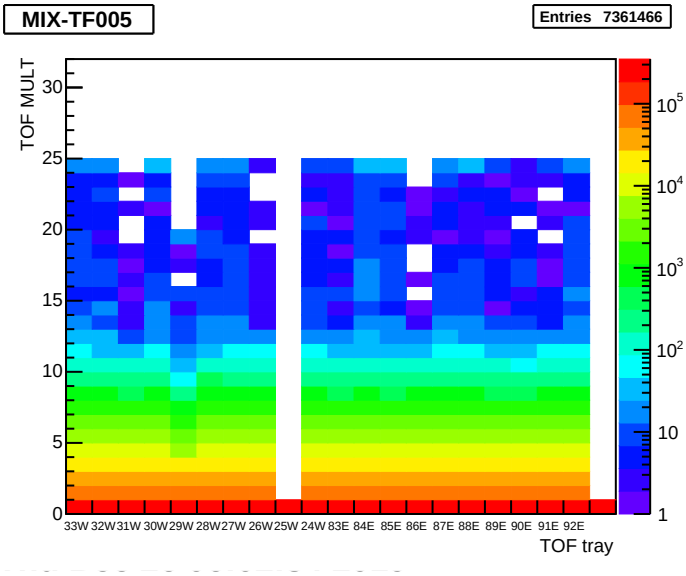

BunchId7Bit (TOFmult window)
Entries 12539

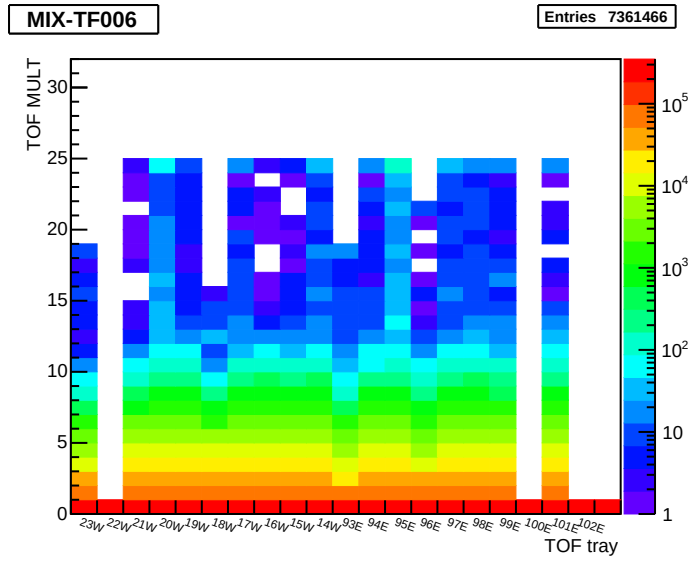

MIX-TF001
Entries 7361466
TOF MULT
TOF tray

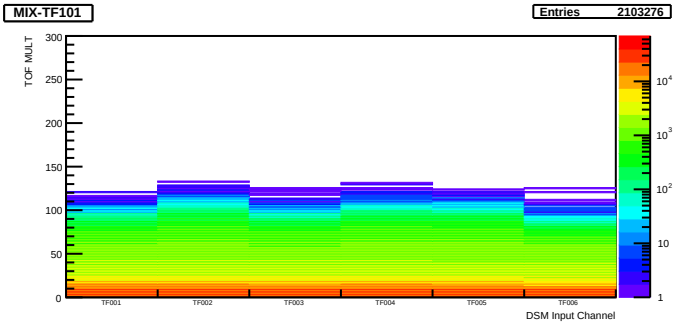

MIX-TF002
Entries 7361466
TOF MULT
TOF tray

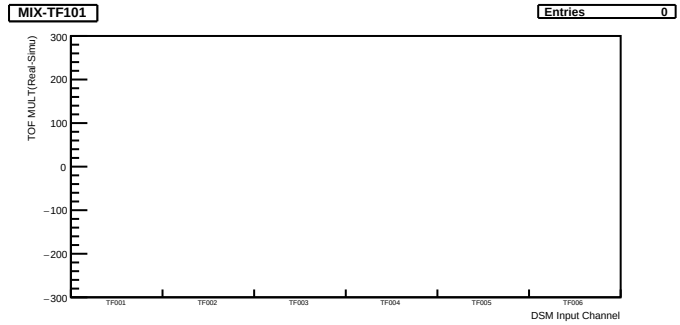

MIX-TF003
Entries 7361466
TOF MULT
TOF tray

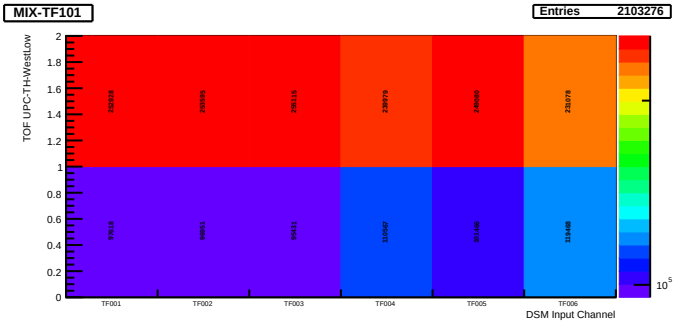

MIX-TF004
Entries 7361466
TOF MULT
TOF tray

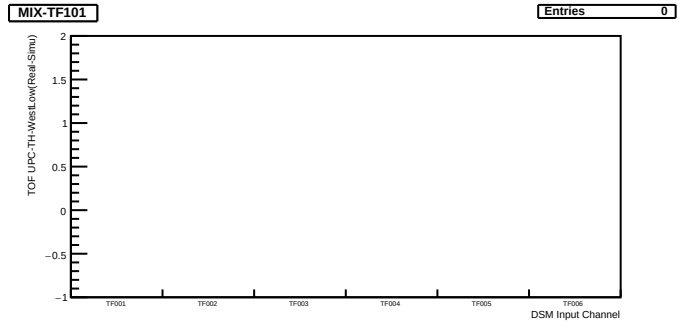

MIX-TF005
Entries 7361466
TOF MULT
TOF tray

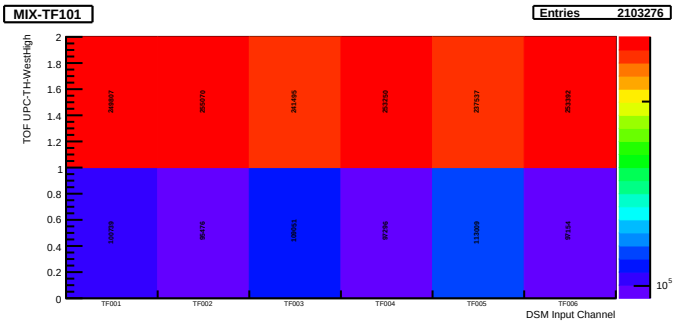

MIX-TF006
Entries 7361466
TOF MULT
TOF tray

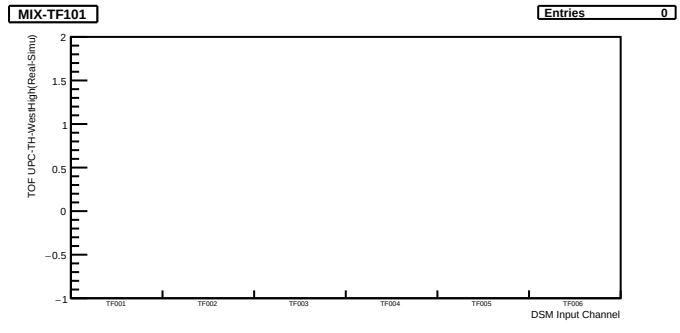

MIX-TF101
Entries 2103276
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

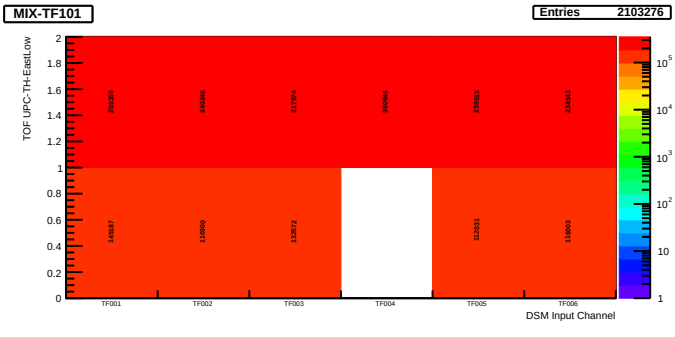

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

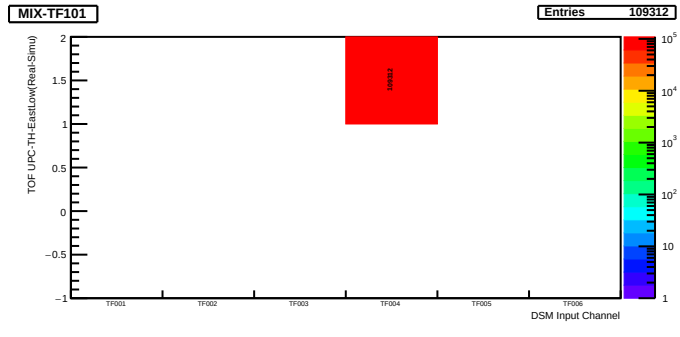

MIX-TF101
Entries 2103276
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

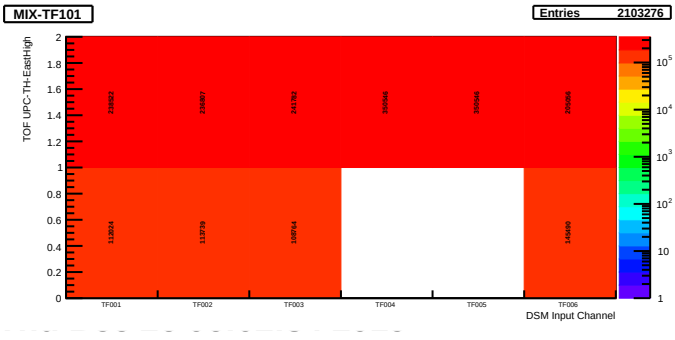

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

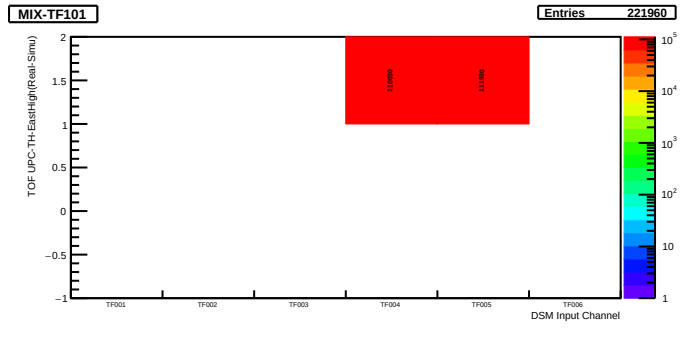

MIX-TF101
Entries 2103276
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

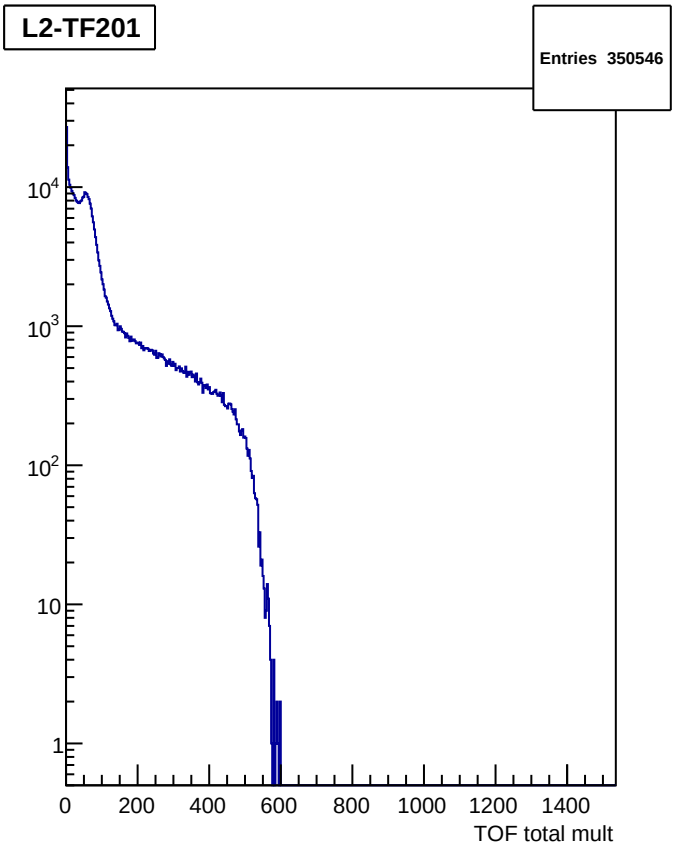

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

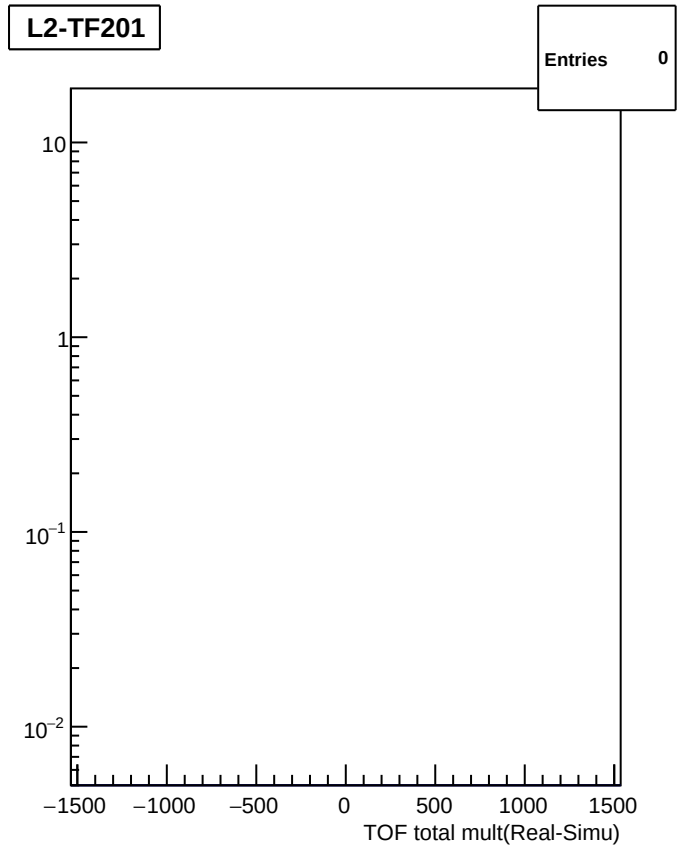

MIX-TF101
Entries 2103276
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

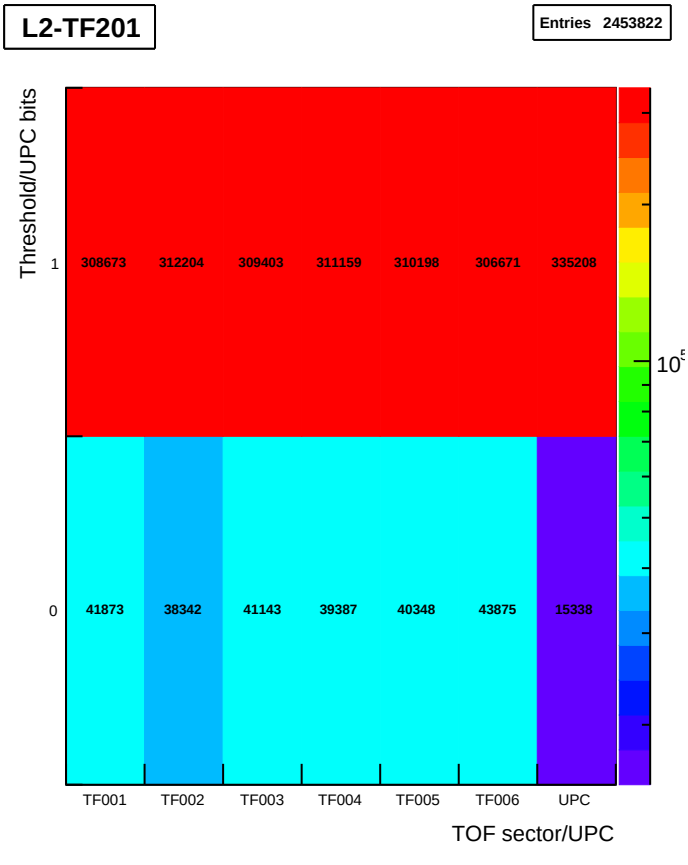

MIX-TF101
Entries 109312
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

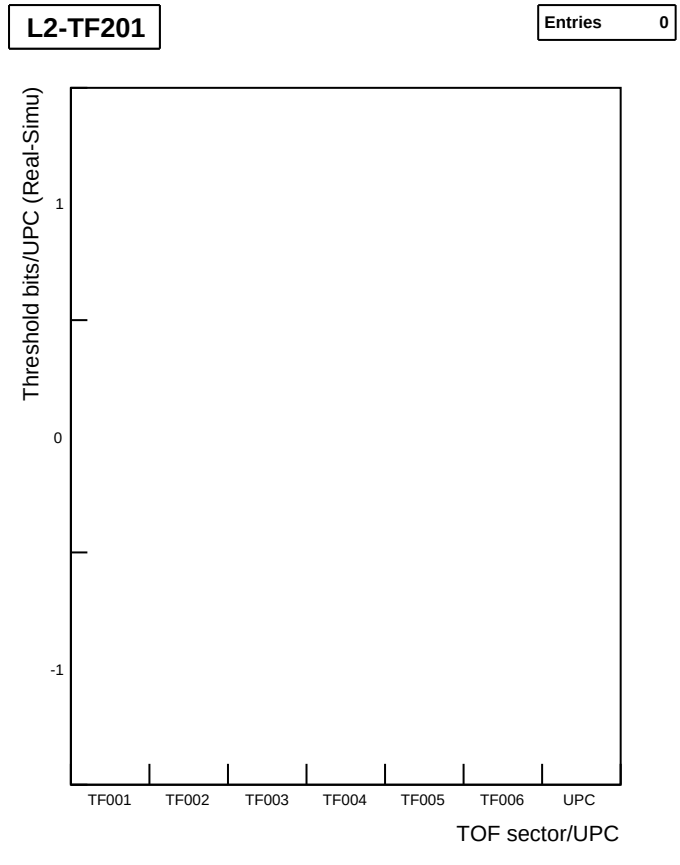

MIX-TF101
Entries 2103276
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

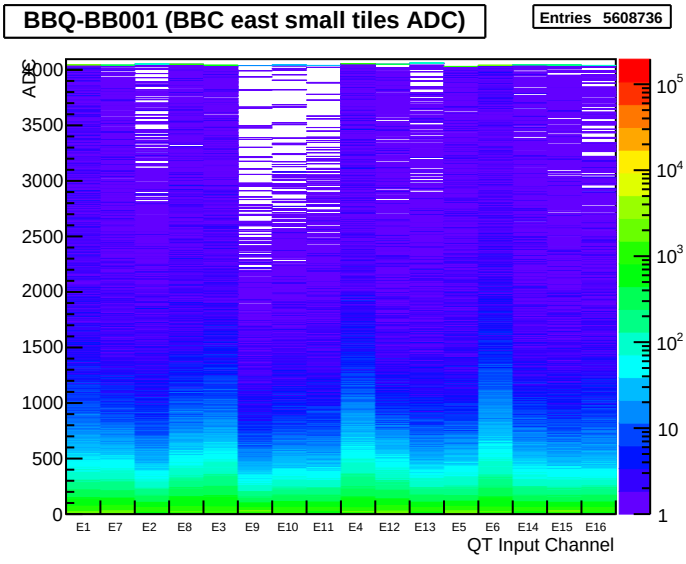

MIX-TF101
Entries 221960
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

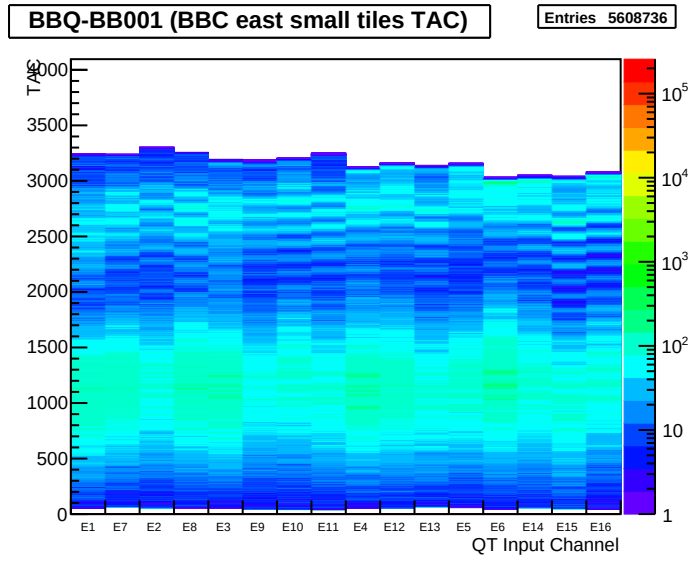

L2-TF201
Entries 350546
TOF total mult

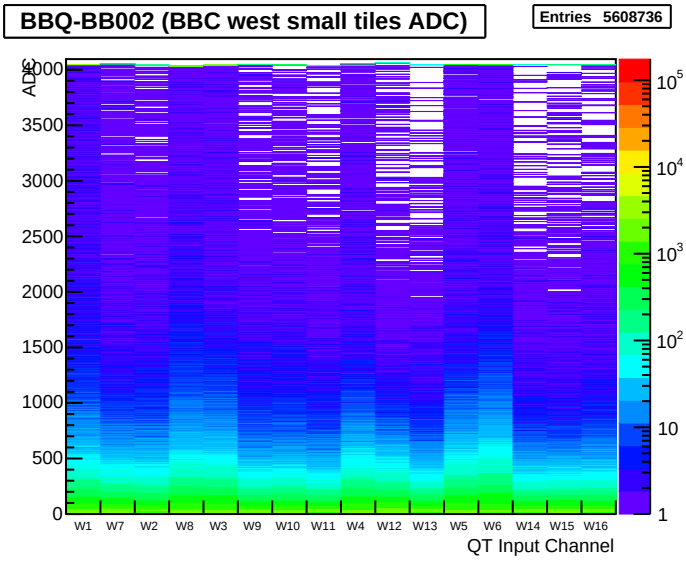

L2-TF201
Entries 0
TOF total mult(Real-Simu)

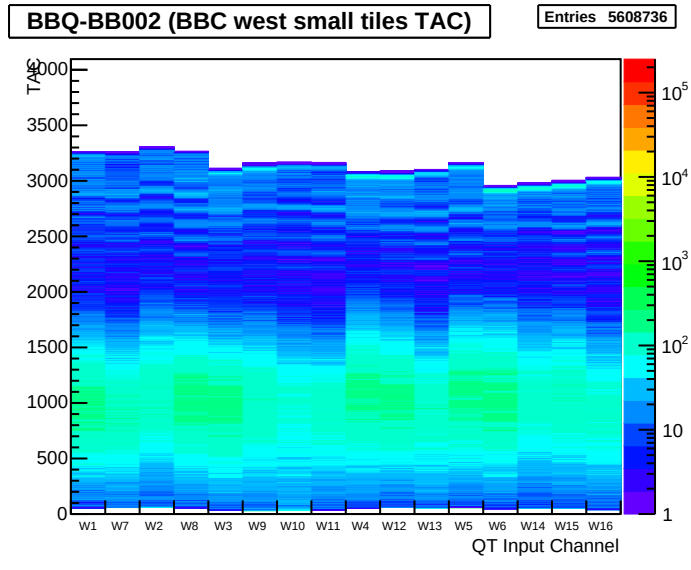

L2-TF201
Entries 2453822
Threshold/UPC bits
308673
312204
309403
311159
310198
306671
335208
41873
38342
41143
39387
40348
43875
15338
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

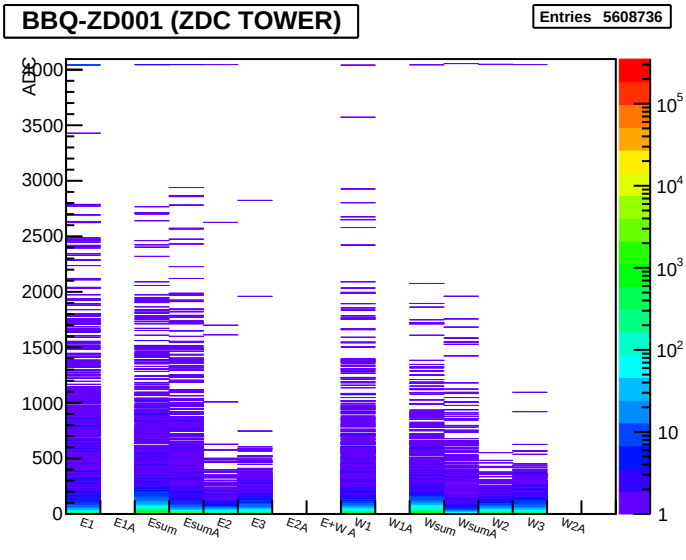

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

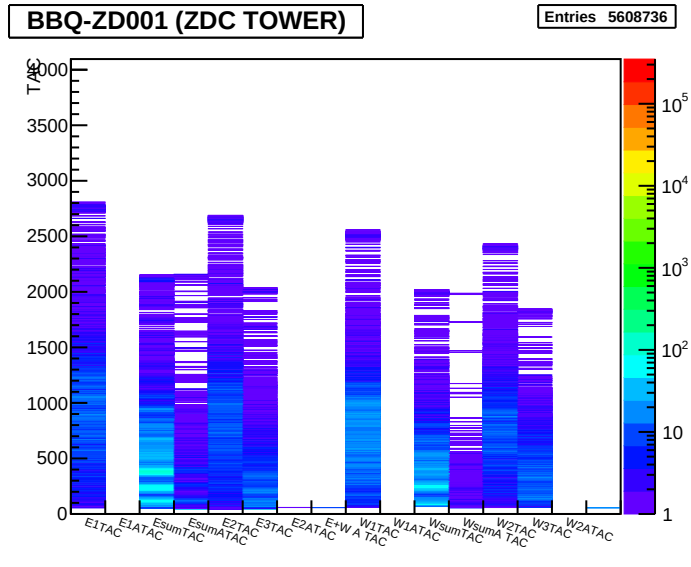

BBQ-BB001 (BBC east small tiles ADC)
Entries 5608736
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

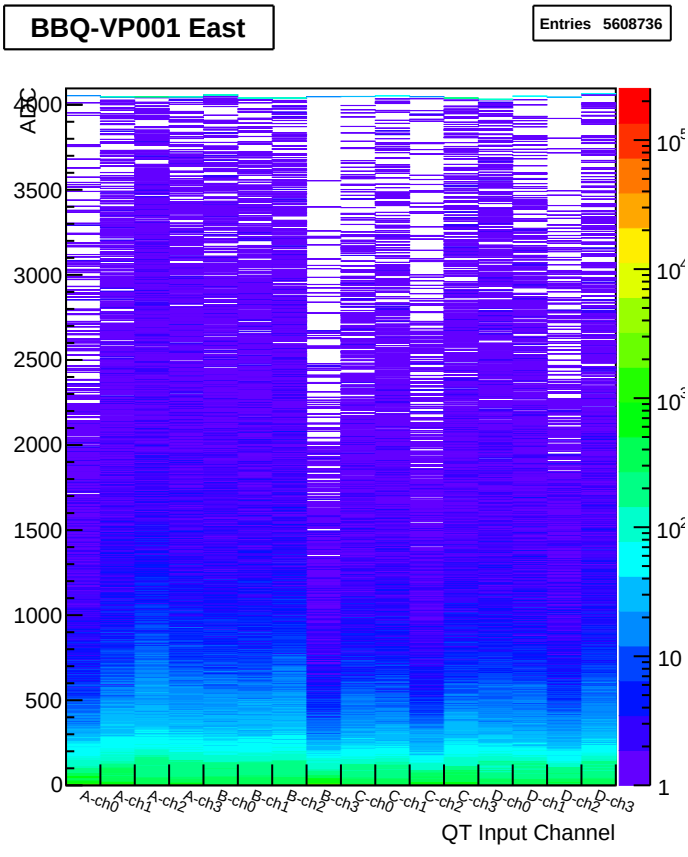

BBQ-BB001 (BBC east small tiles TAC)
Entries 5608736
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

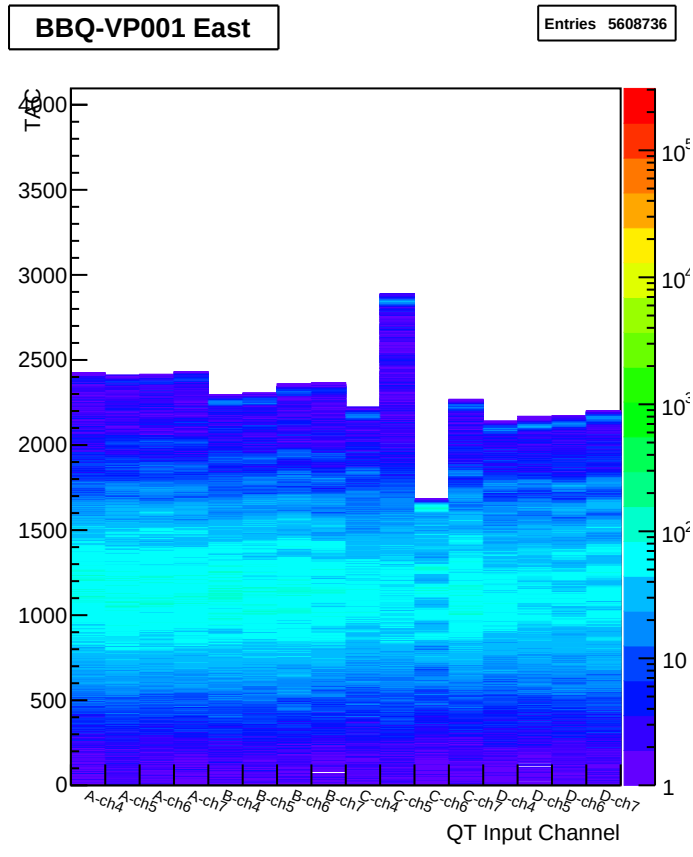

BBQ-BB002 (BBC west small tiles ADC)
Entries 5608736
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

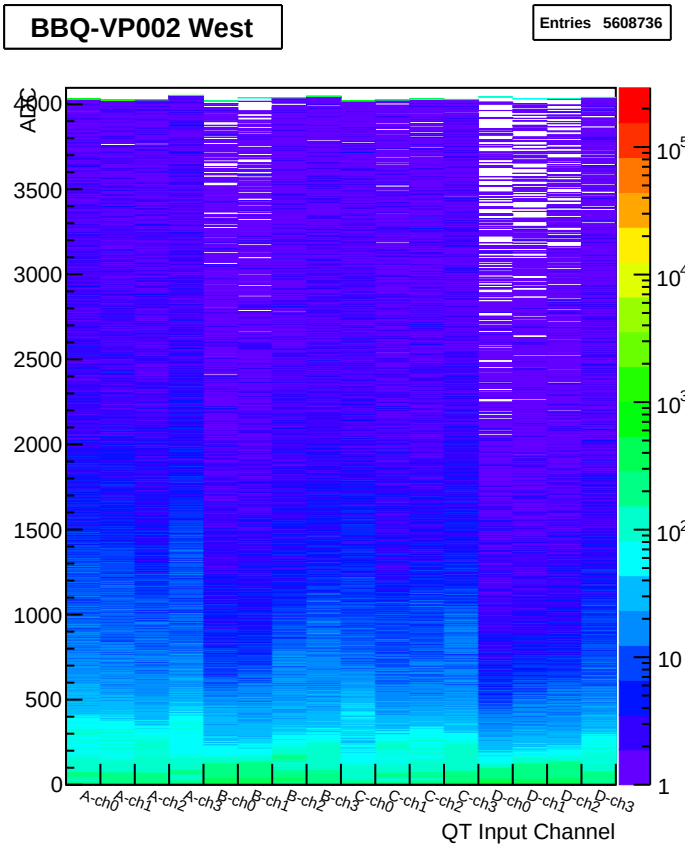

BBQ-BB002 (BBC west small tiles TAC)
Entries 5608736
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

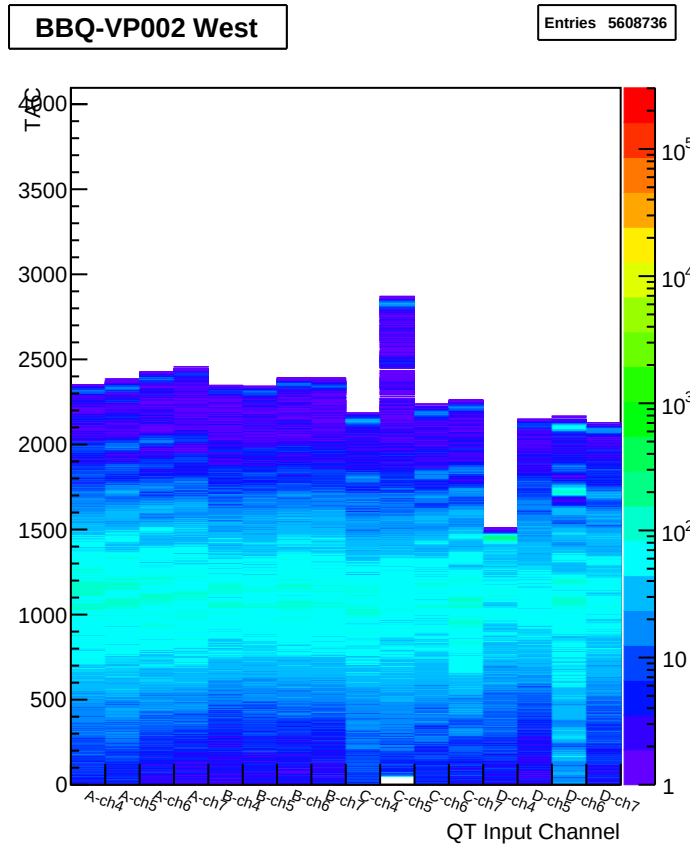

BBQ-ZD001 (ZDC TOWER)
Entries 5608736
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

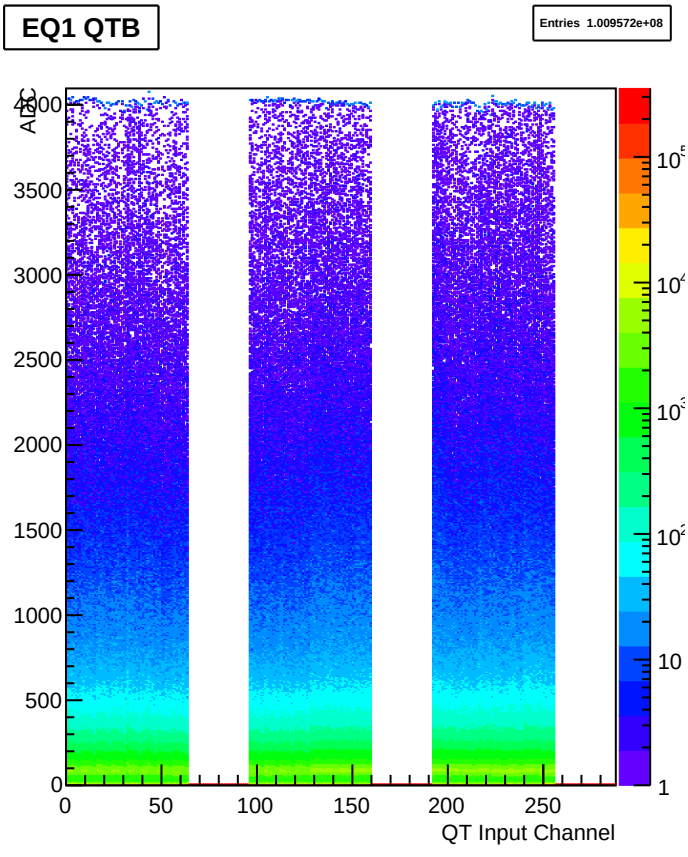

BBQ-ZD001 (ZDC TOWER)
Entries 5608736
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

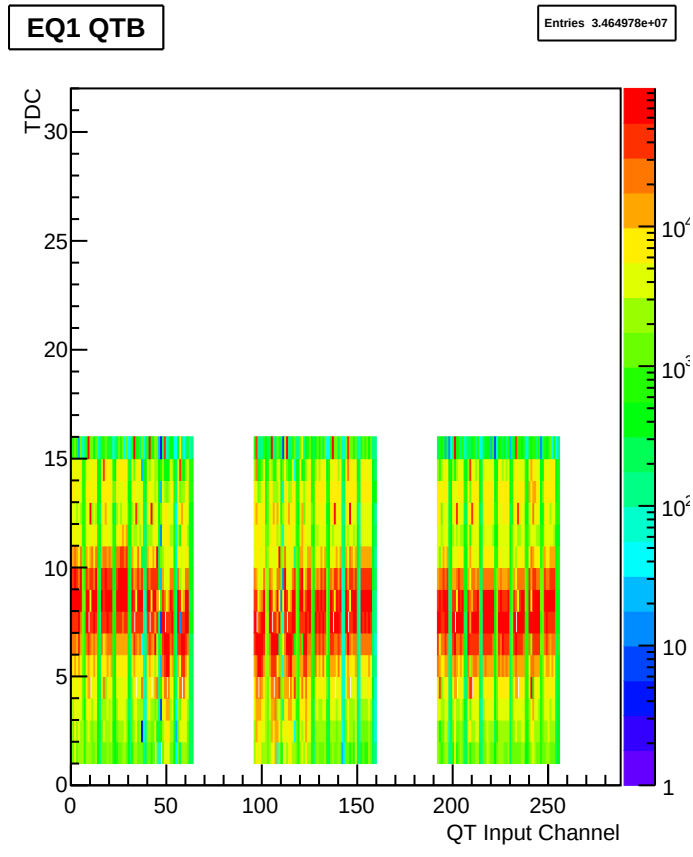

BBQ-VP001 East
Entries 5608736
ADC
QT Input Channel

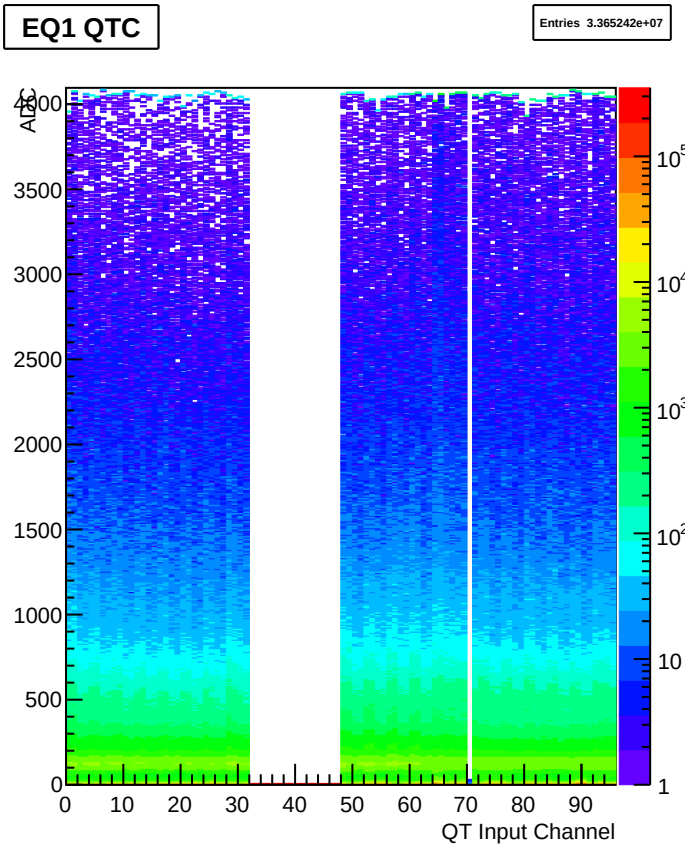

BBQ-VP001 East
Entries 5608736
ADC
QT Input Channel

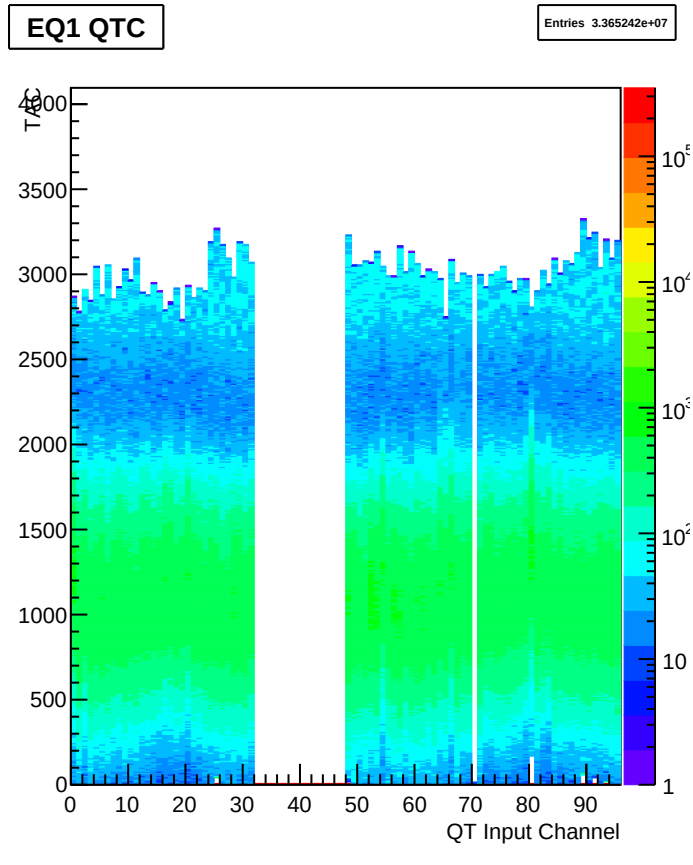

BBQ-VP002 West
Entries 5608736
ADC
QT Input Channel

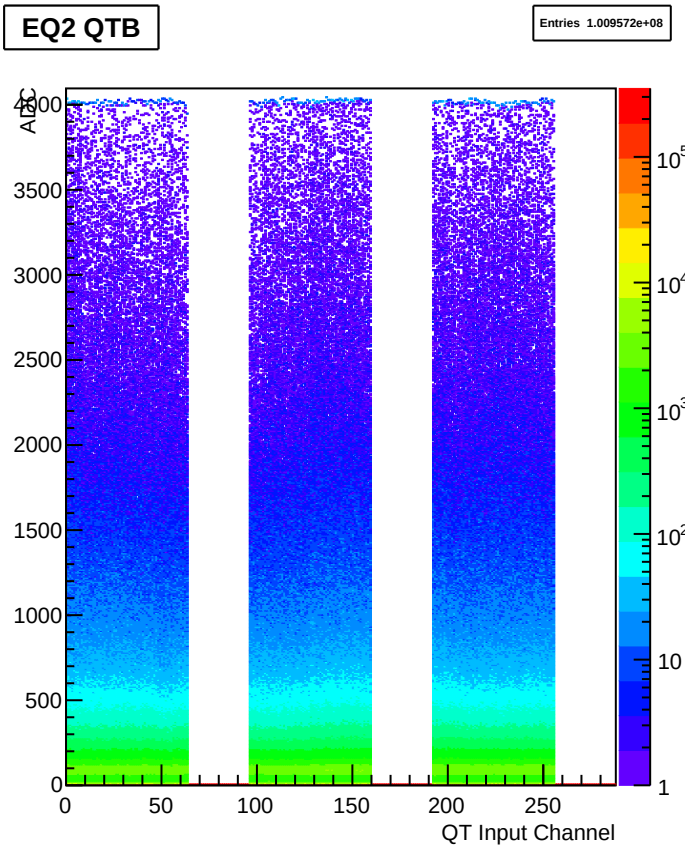

BBQ-VP002 West
Entries 5608736
ADC
QT Input Channel

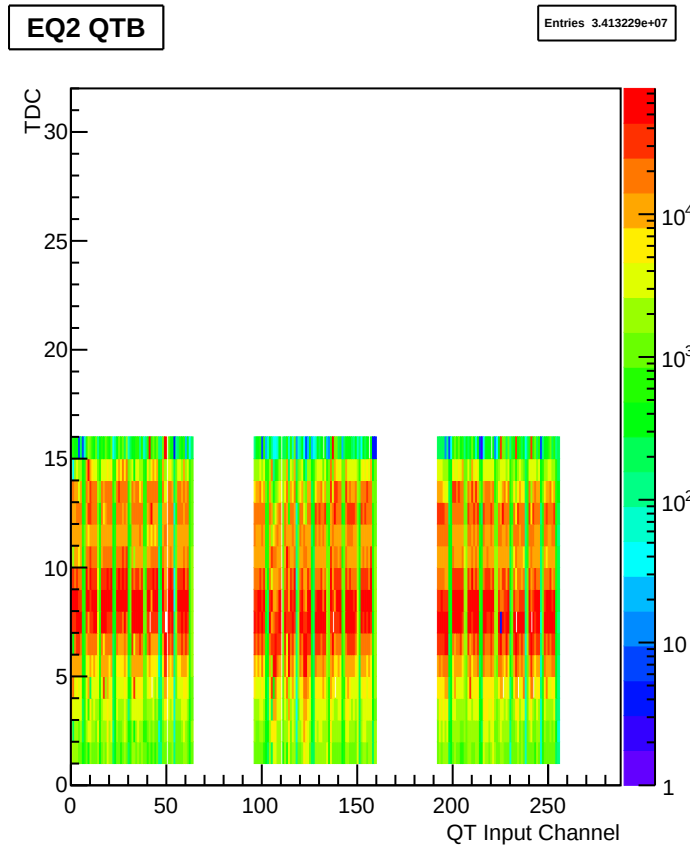

EQ1 QTB
Entries 1.009572e+08
ADC
QT Input Channel

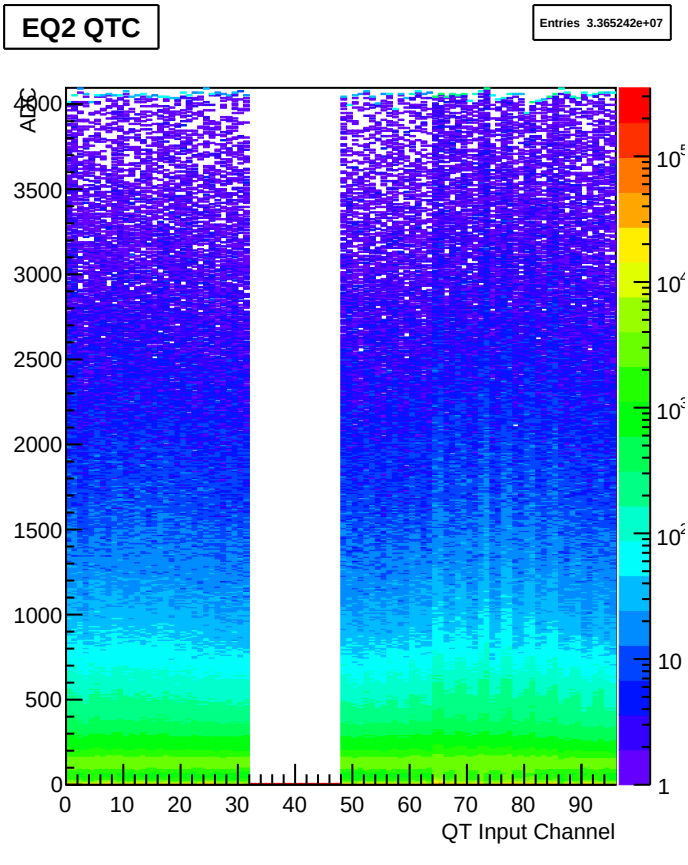

EQ1 QTB
Entries 3.464978e+07
TDC
QT Input Channel

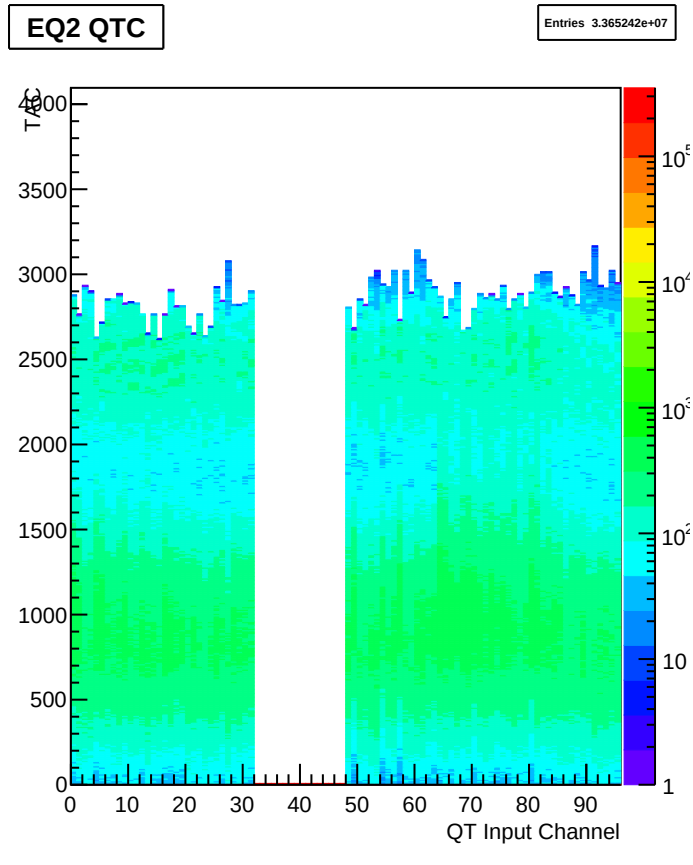

EQ1 QTC
Entries 3.365242e+07
ADC
QT Input Channel

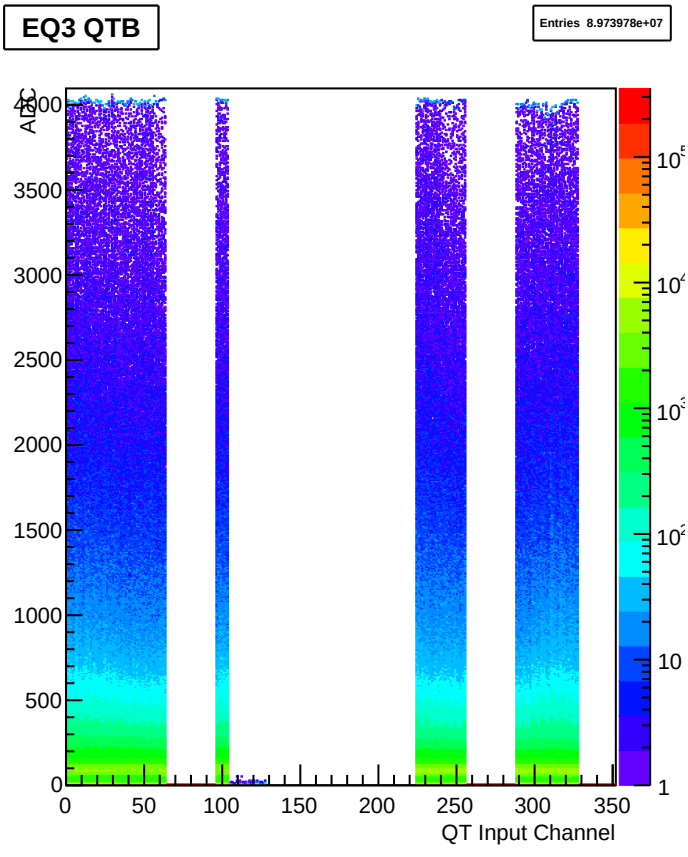

EQ1 QTC
Entries 3.365242e+07
TADC
QT Input Channel

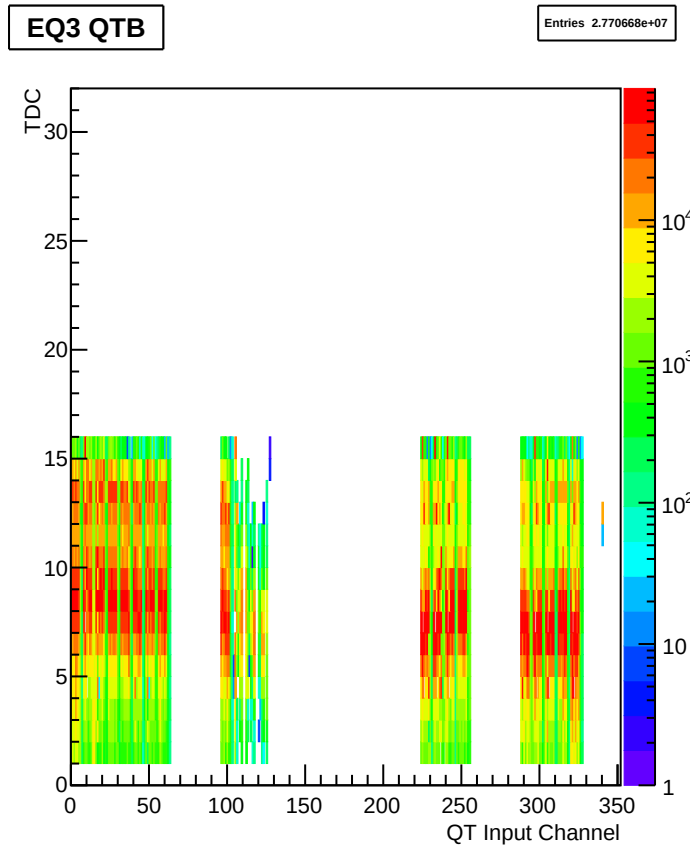

EQ2 QTB
Entries 1.009572e+08
ADC
QT Input Channel

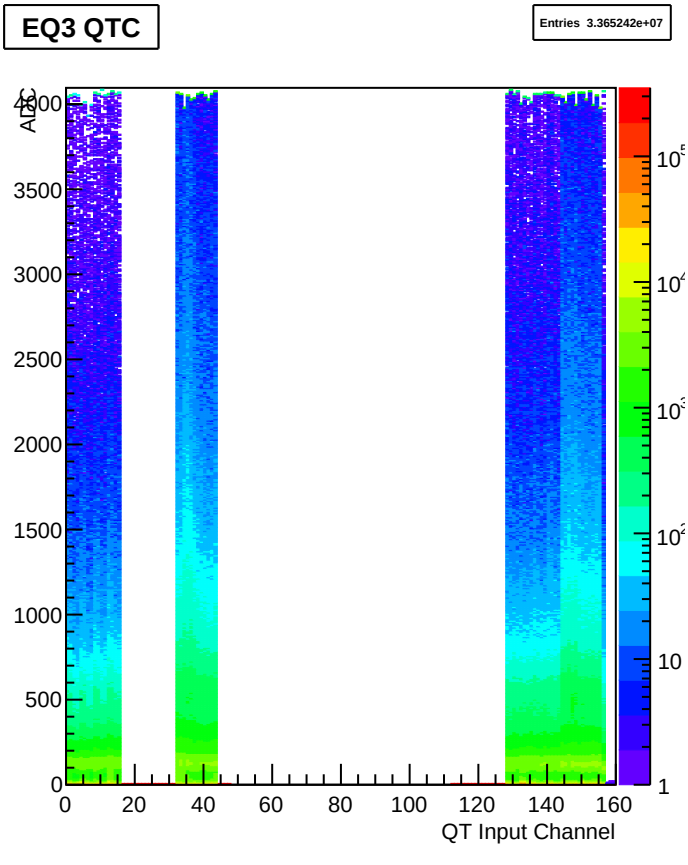

EQ2 QTB
Entries 3.413229e+07
TDC
QT Input Channel

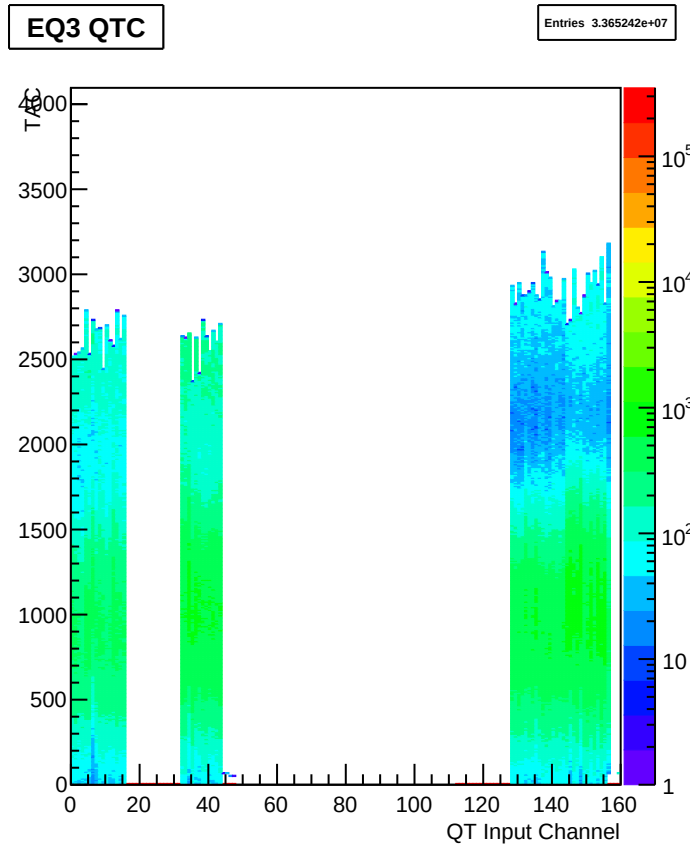

EQ2 QTC
Entries 3.365242e+07
ADC
QT Input Channel

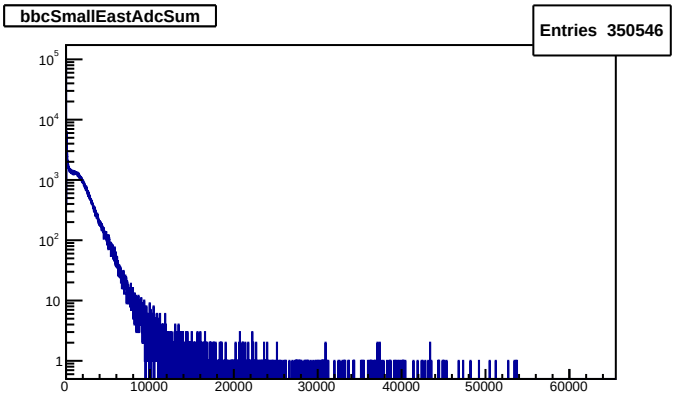

EQ2 QTC
Entries 3.365242e+07
TADC
QT Input Channel

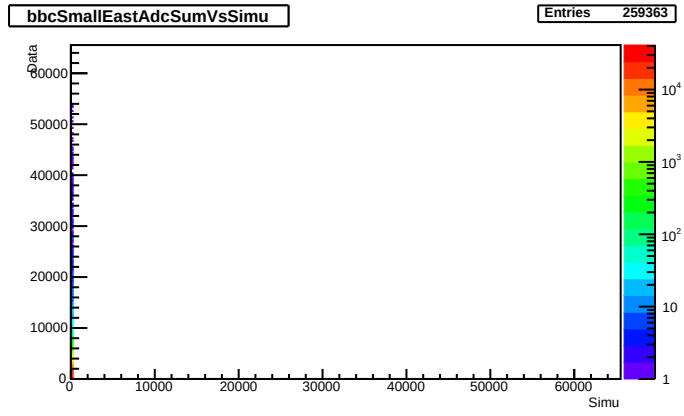

EQ3 QTB
Entries 8.973978e+07
ADC
QT Input Channel

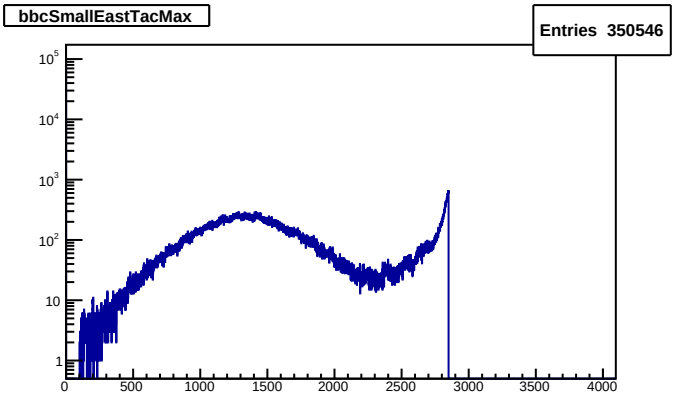

EQ3 QTB
Entries 2.770668e+07
TDC
QT Input Channel

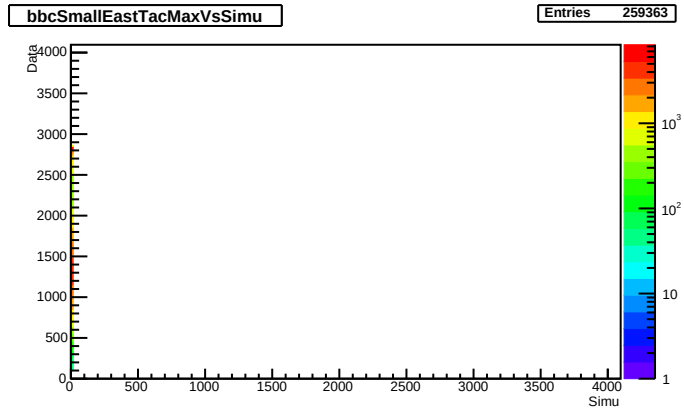

EQ3 QTC
Entries 3.365242e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.365242e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 350546


bbcSmallEastAdcSumVsSimu
Entries 259363
Data
Simu


bbcSmallEastTacMax
Entries 350546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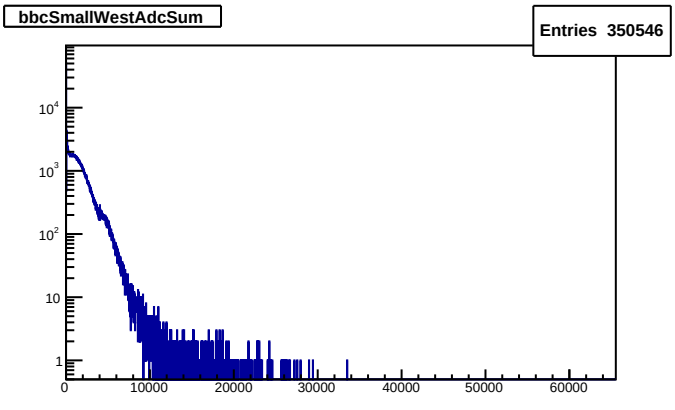
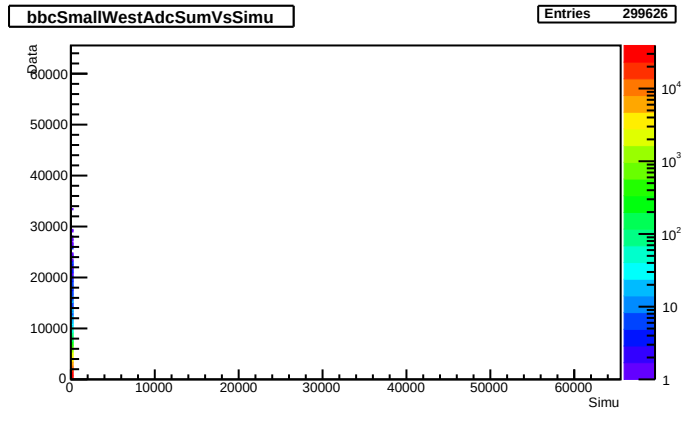
Entries 259363
Data
Simu


bbcSmallWestAdcSum
Entries 350546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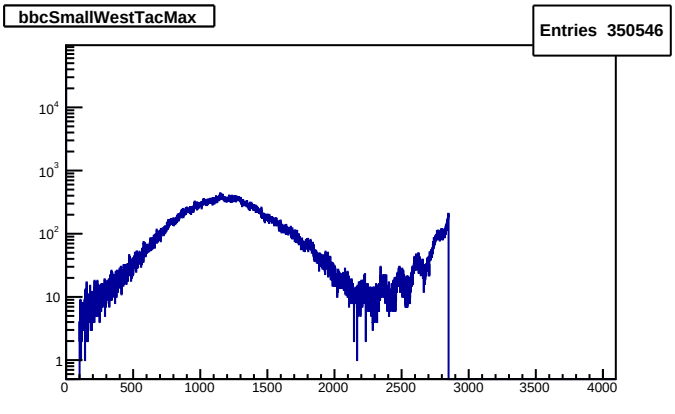
Entries 299626
Data
Simu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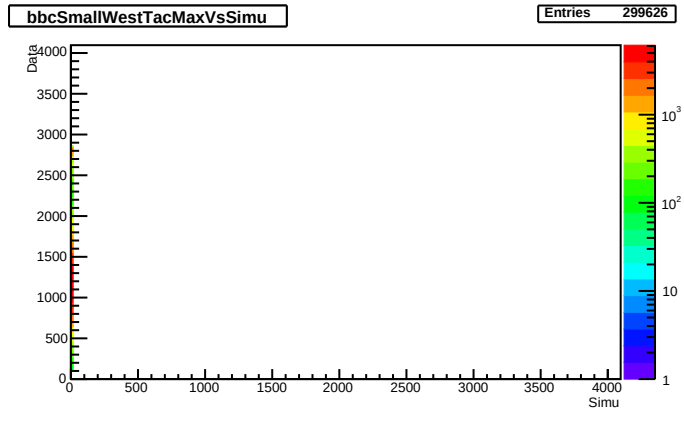
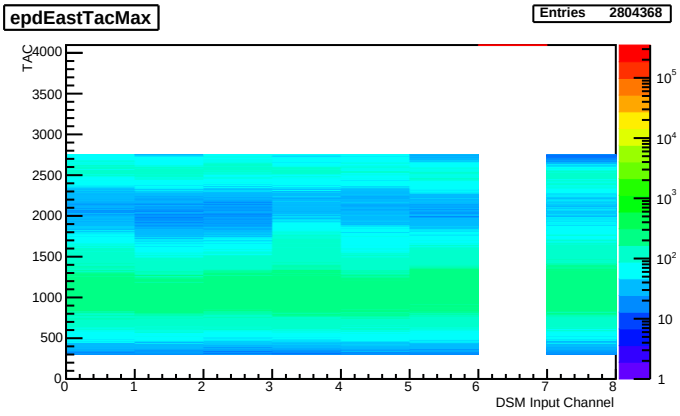
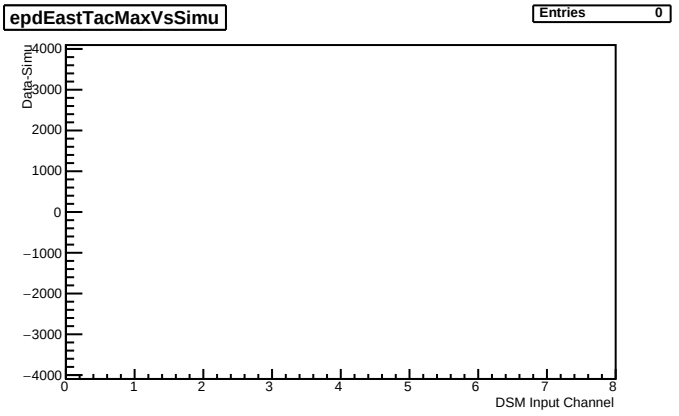
Entries 350546


bbcSmallWestTacMaxVsSimu
Entries 299626
Data
Simu


epdEastTacMax
Entries 2804368
TAC
DSM Input Channel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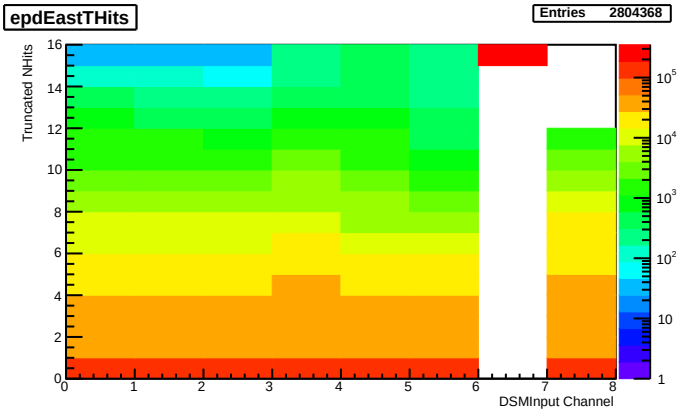
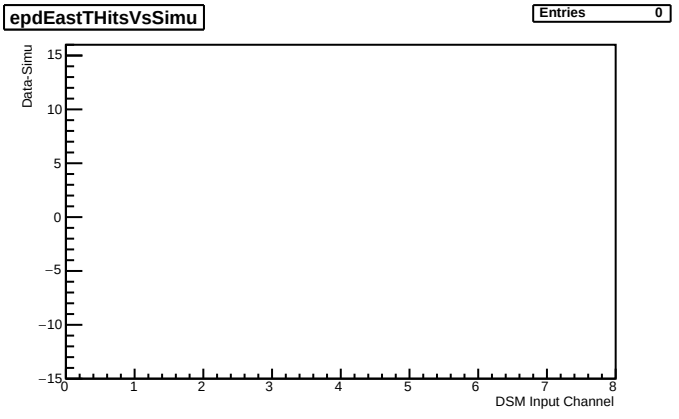
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2804368
Truncated NHits
DSMInput Channel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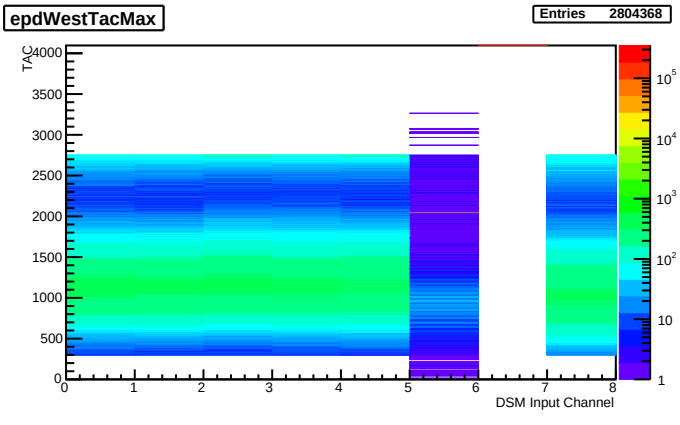
Entries 0
Data-Simu
DSM Input Channel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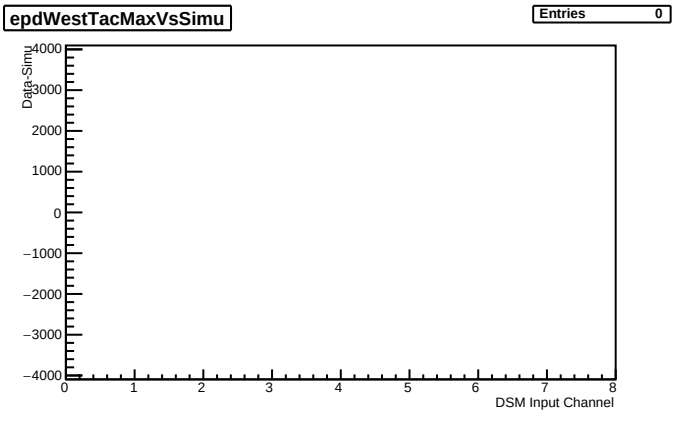
Entries 2804368
TAC
DSM Input Channel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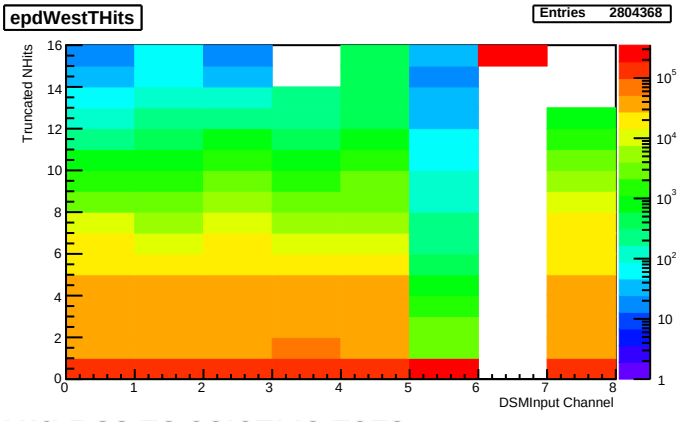
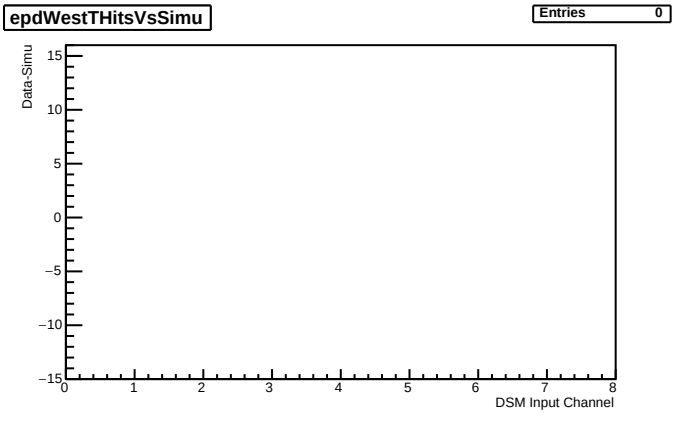
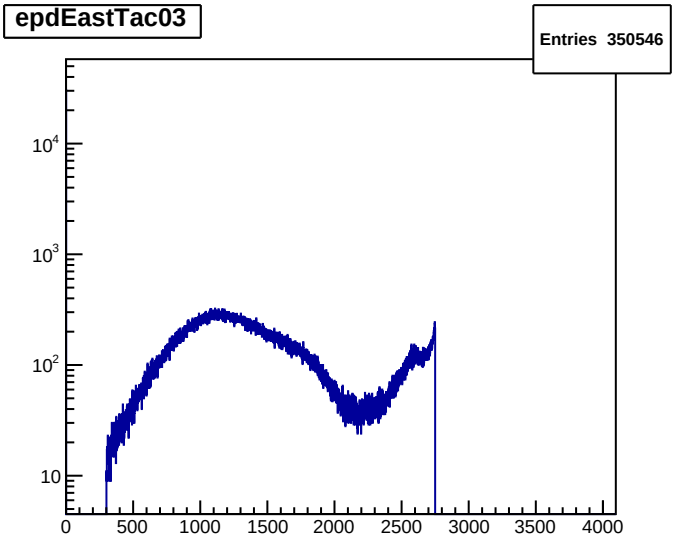
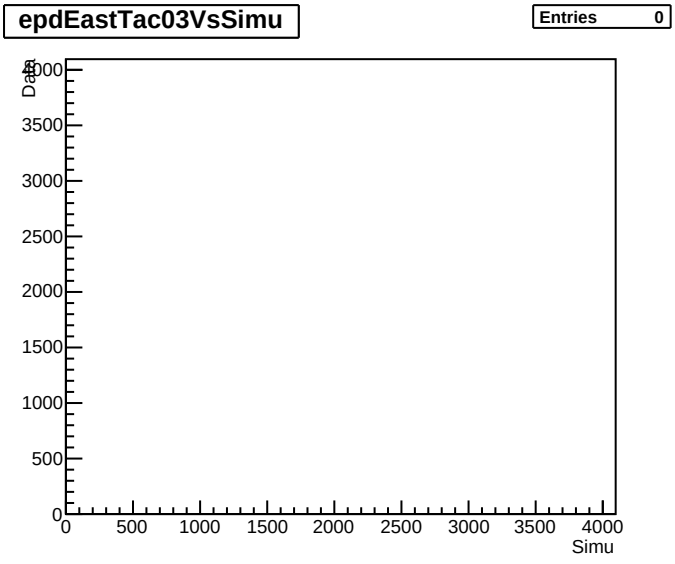
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2804368
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 350546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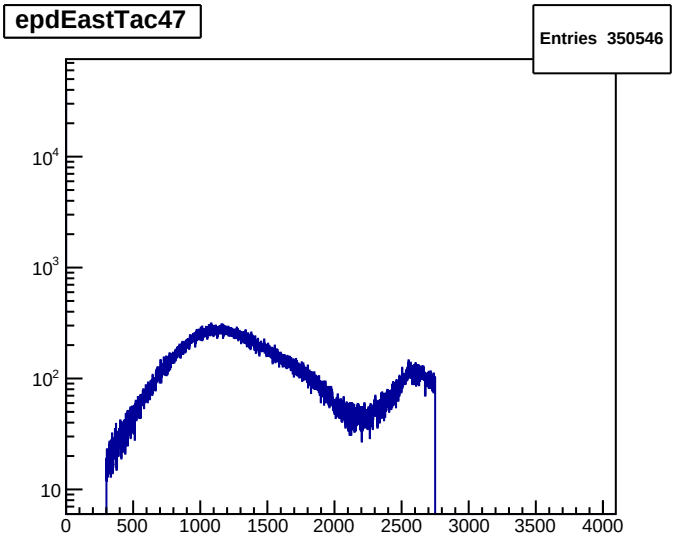
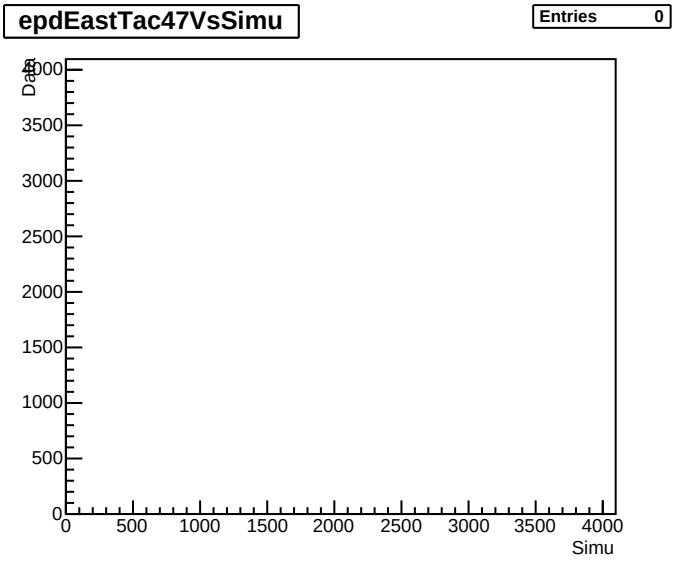
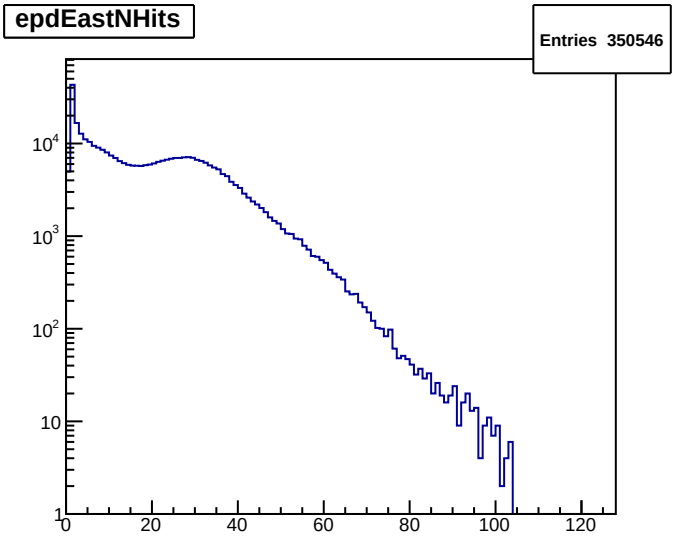
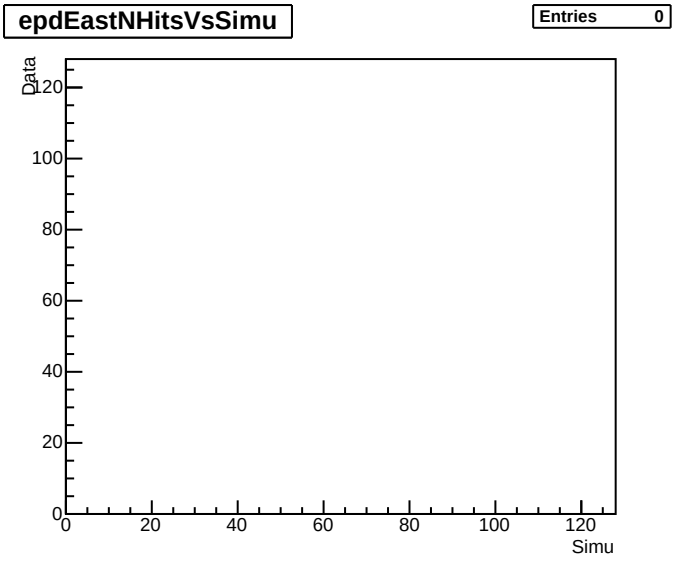
Entries 0
Data
Simu


epdEastTac47
Entries 350546


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 350546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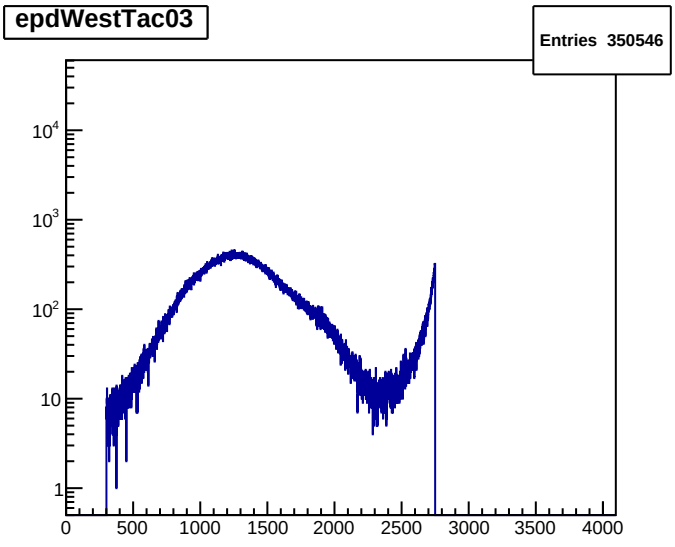
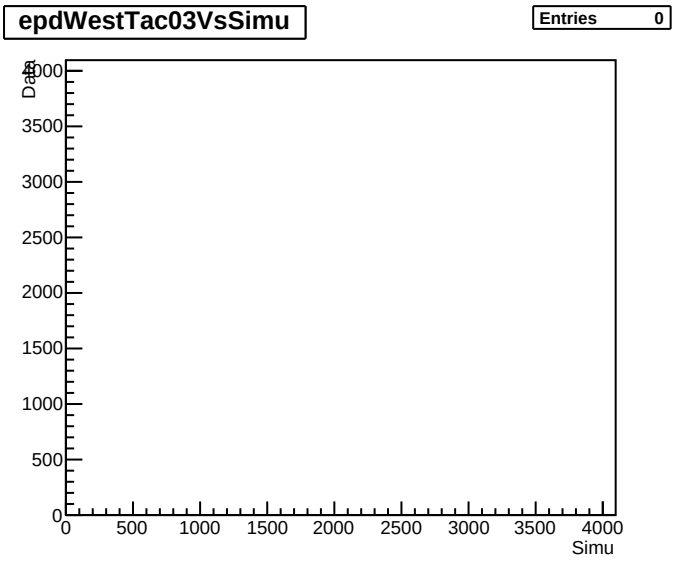
Entries 0
Data
Simu


epdWestTac03
Entries 350546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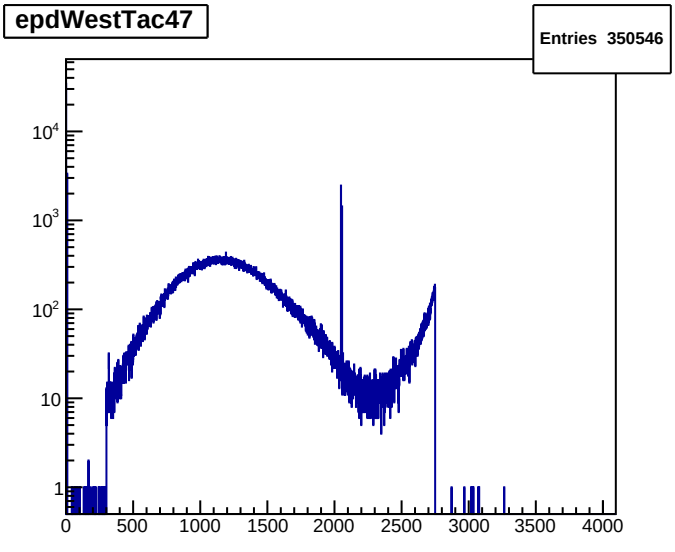
Entries 0
Data
Simu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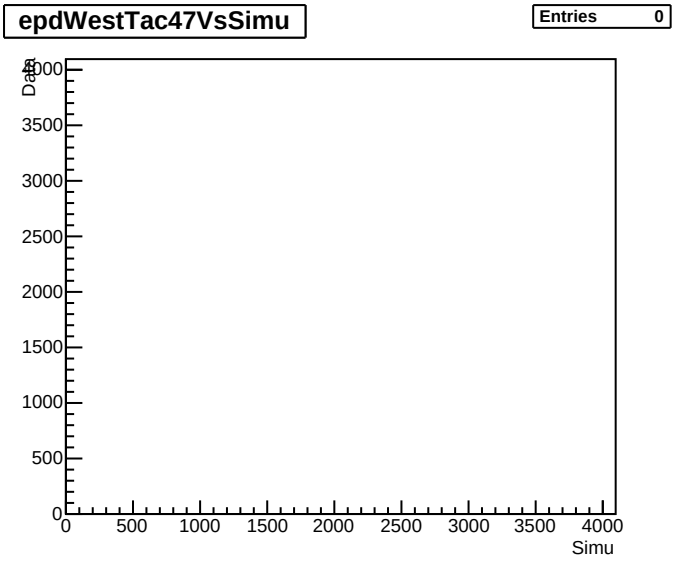
Entries 350546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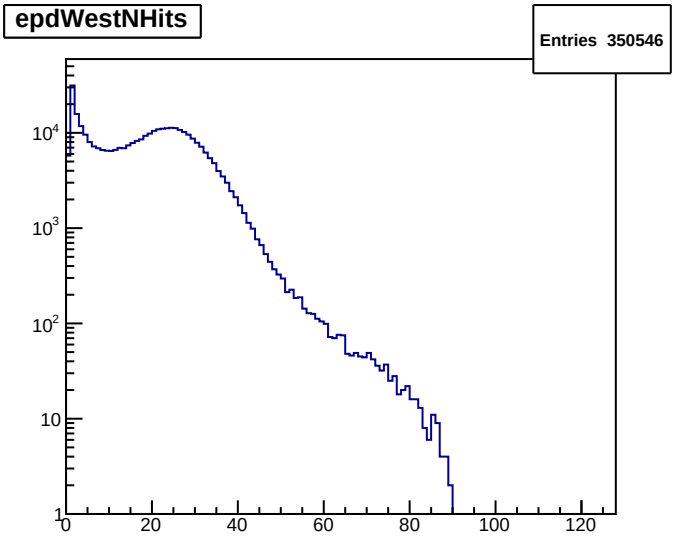
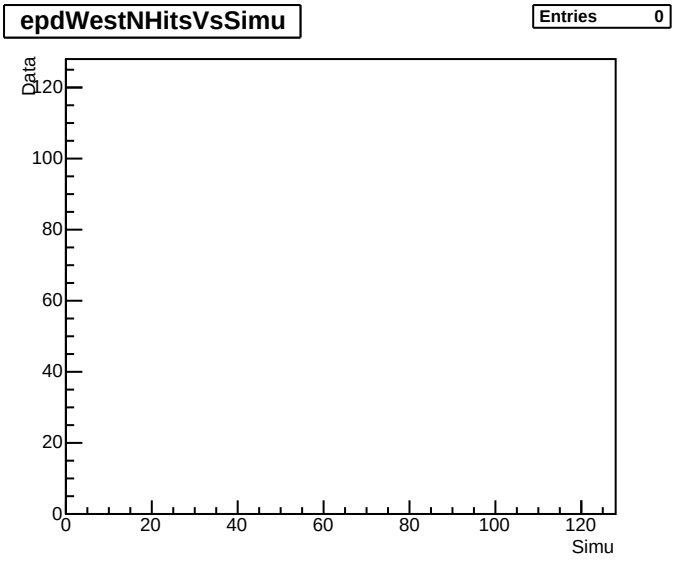
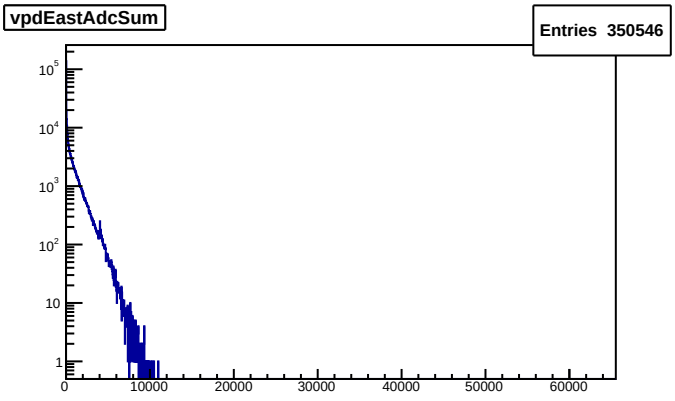
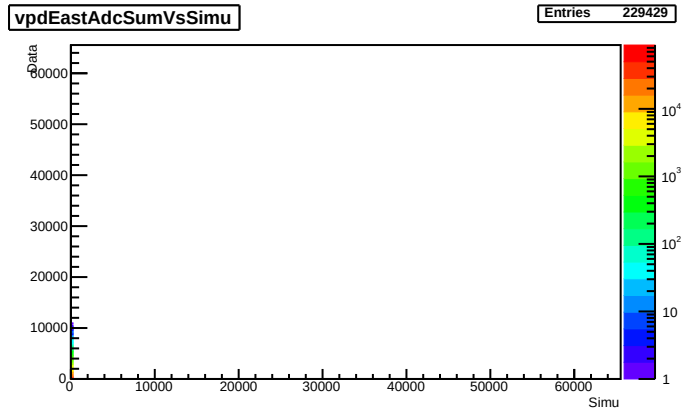
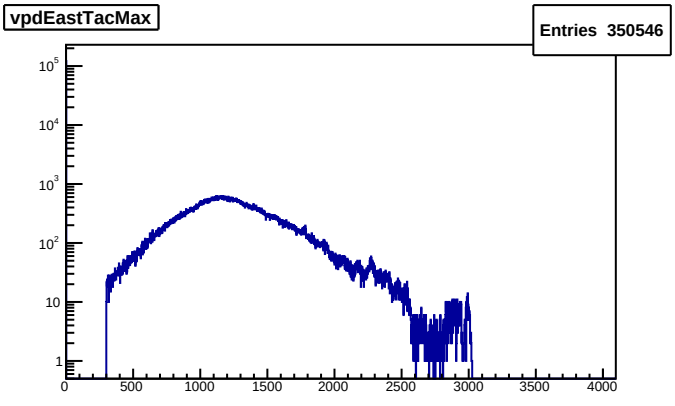
Entries 0
Data
Simu

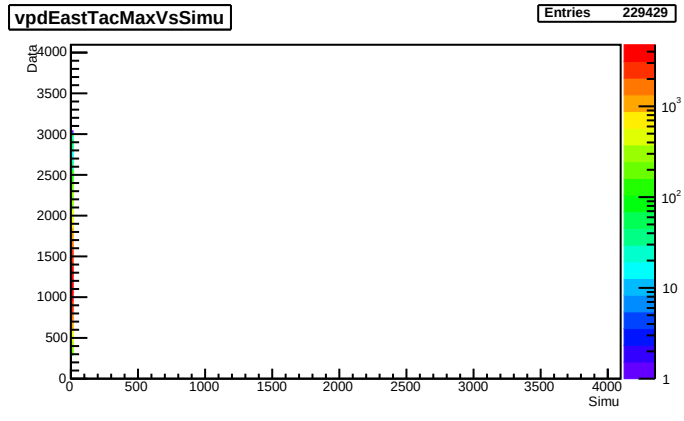

epdWestNHits
Entries 350546

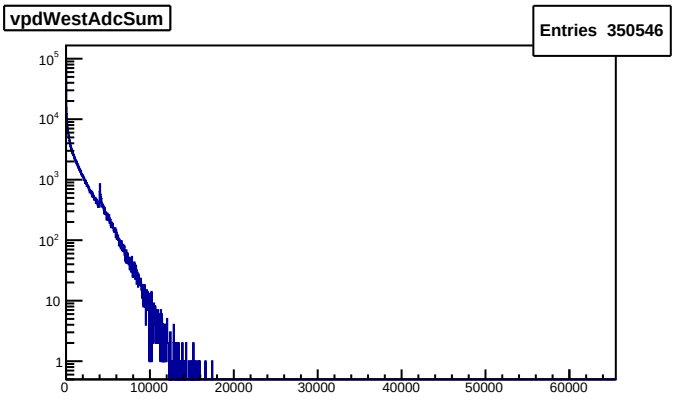

epdWestNHitsVsSimu
Entries 0
Data
Simu

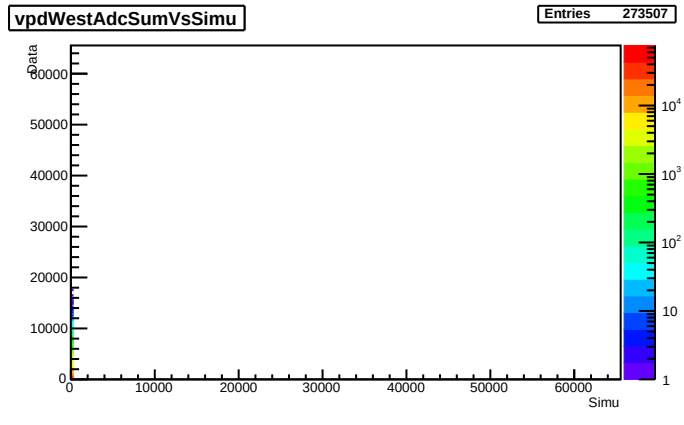

vpdEastAdcSum
Entries 350546

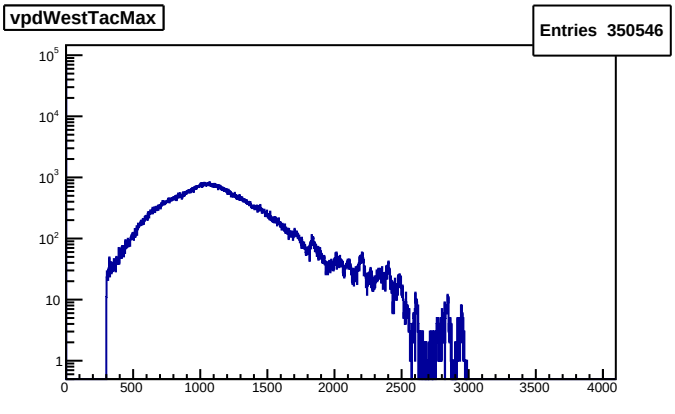

vpdEastAdcSumVsSimu
Entries 229429
Data
Simu

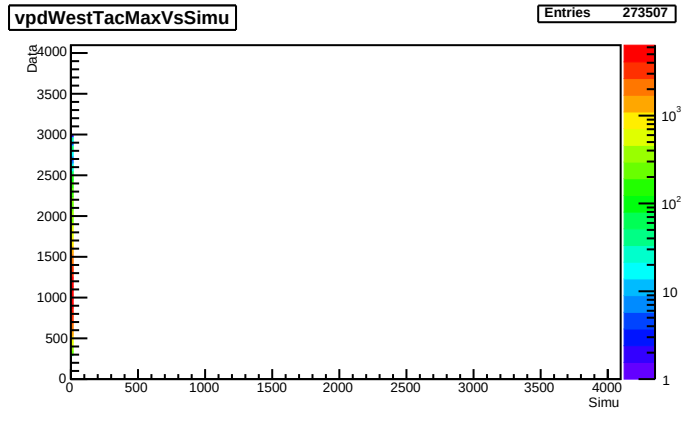

vpdEastTacMax
Entries 350546

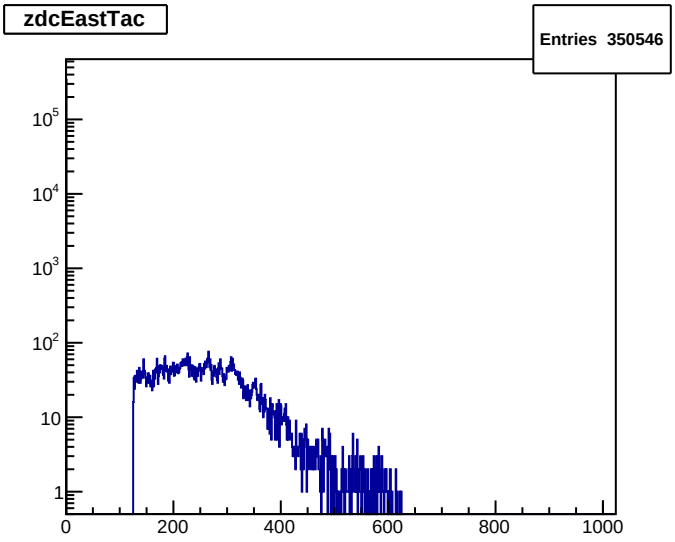

vpdEastTacMaxVsSimu
Entries 229429
Data
Simu

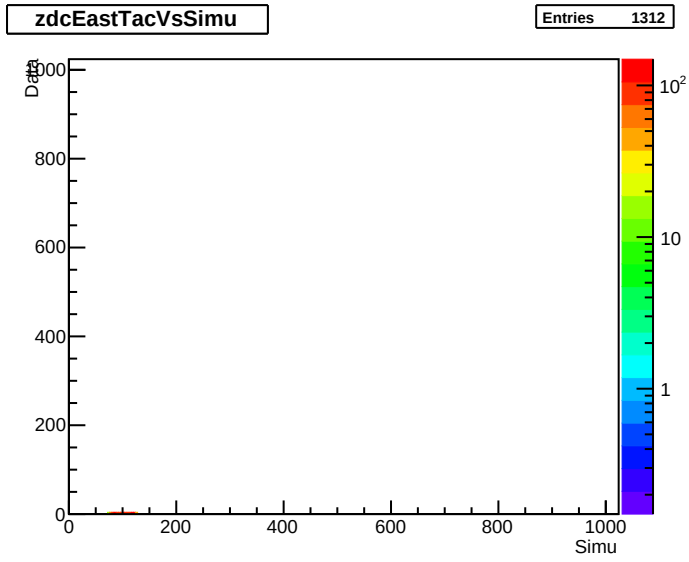

vpdWestAdcSum
Entries 350546

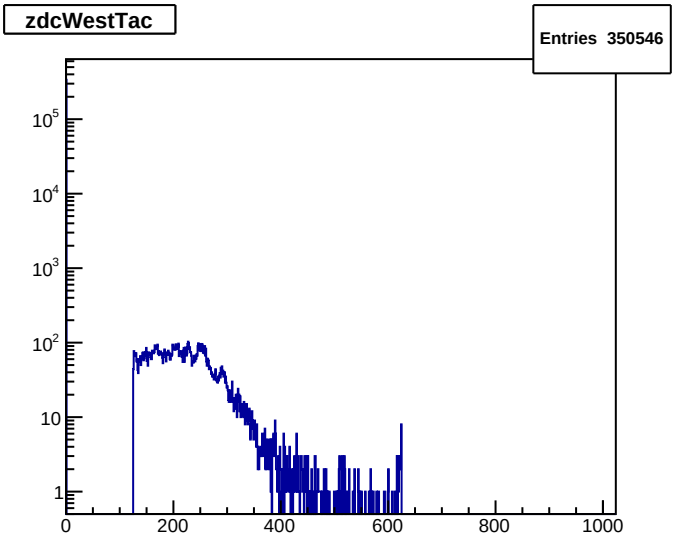

vpdWestAdcSumVsSimu
Entries 273507
Data
Simu

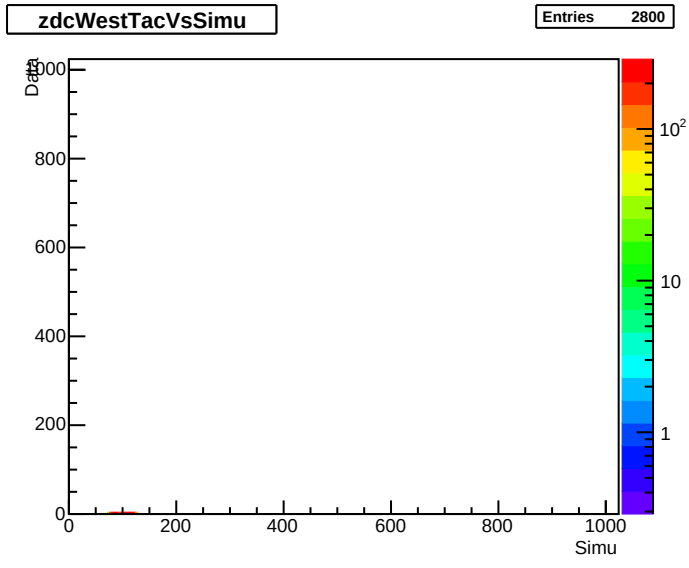

vpdWestTacMax
Entries 350546

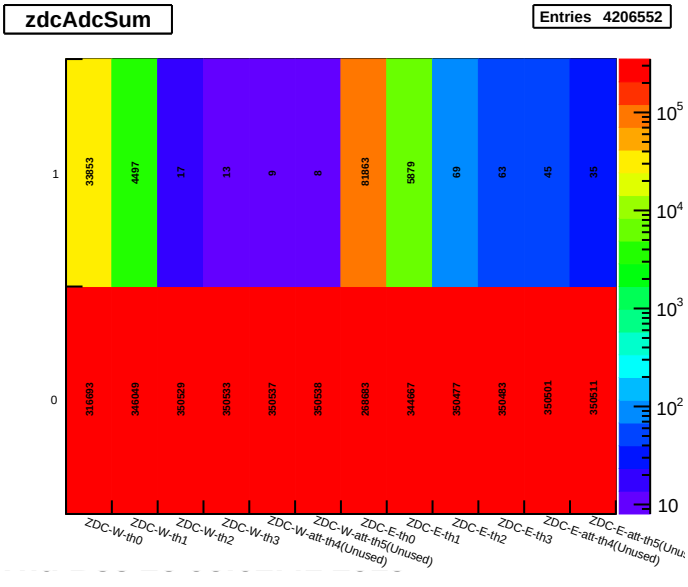

vpdWestTacMaxVsSimu
Entries 273507
Data
Simu

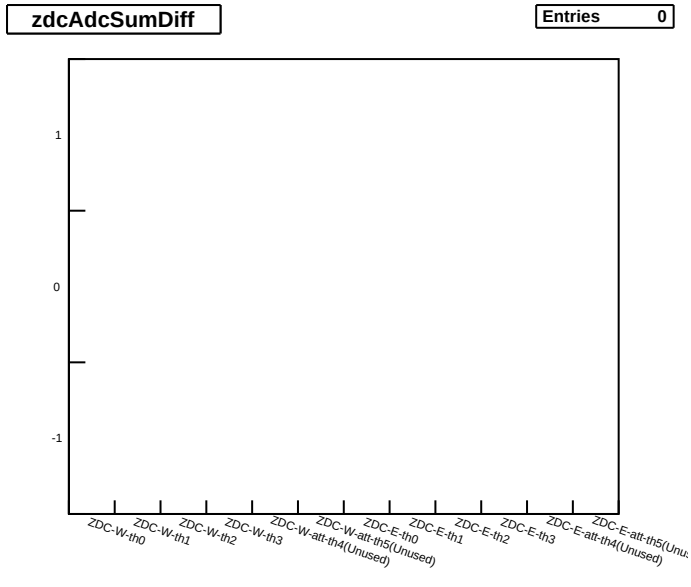

zdcEastTac
Entries 350546

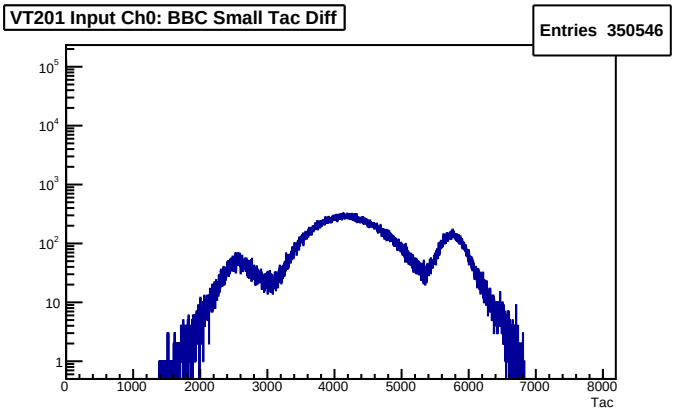

zdcEastTacVsSimu
Entries 1312
Data
Simu

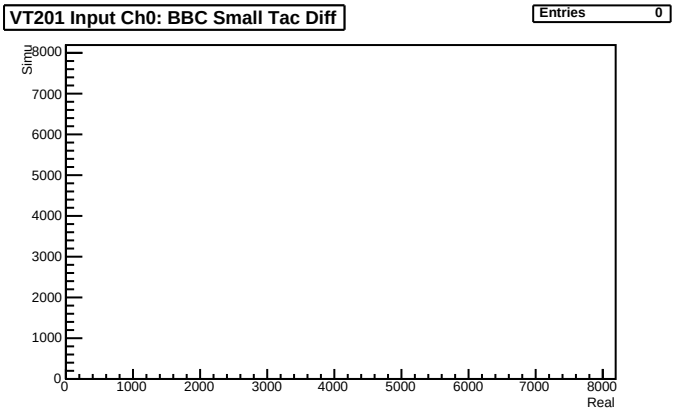

zdcWestTac
Entries 350546

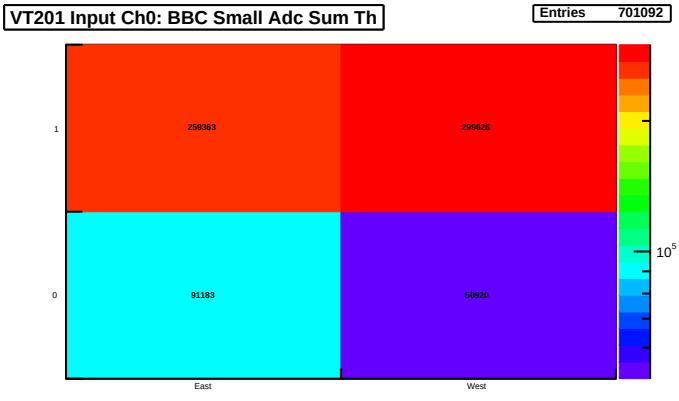

zdcWestTacVsSimu
Entries 2800
Data
Simu

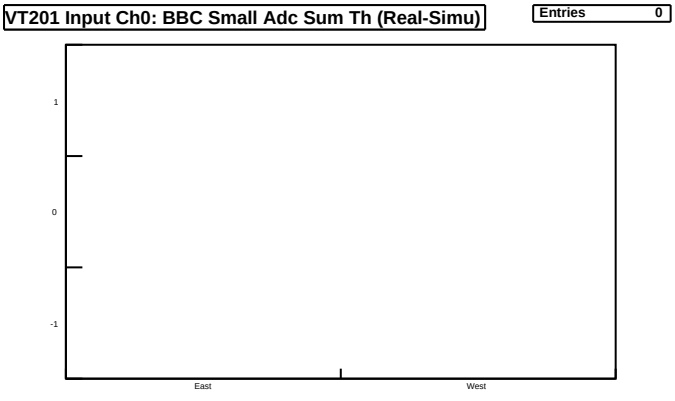

zdcAdcSum
Entries 4206552
33853
4497
17
13
9
8
81863
5879
69
63
45
35
316693
346049
350529
350533
350537
350538
268683
344667
350477
350483
350501
350511
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

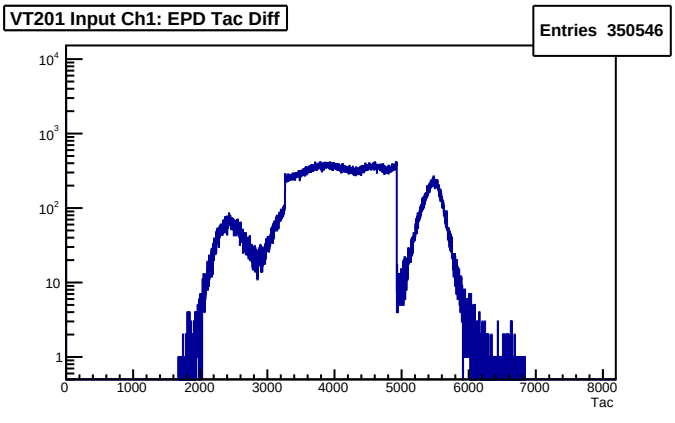

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

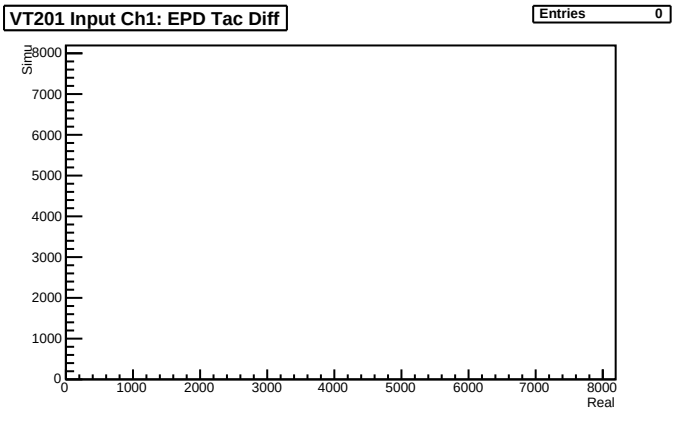

VT201 Input Ch0: BBC Small Tac Diff
Entries 350546
Tac

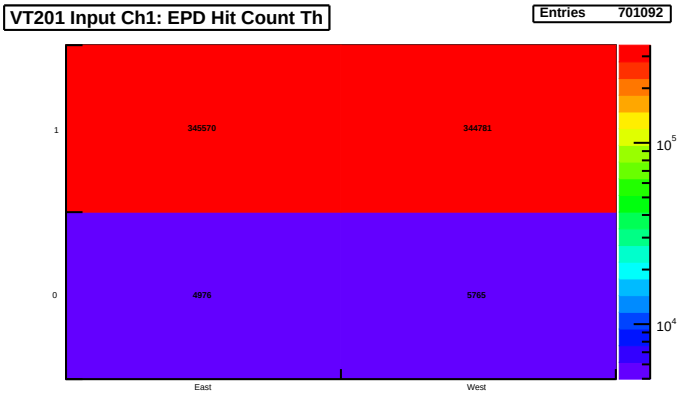

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

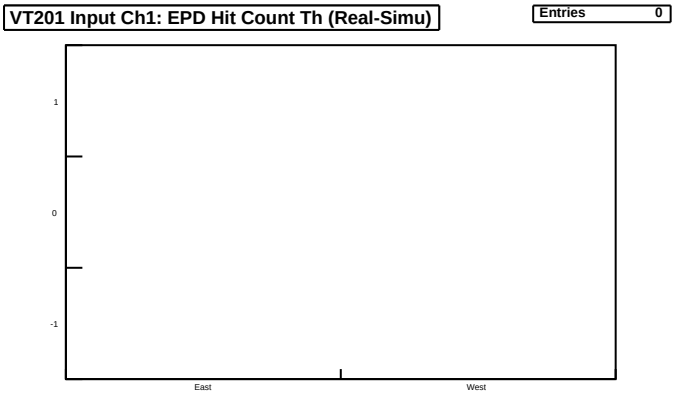

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 701092
259363
299626
91183
50920
East
West

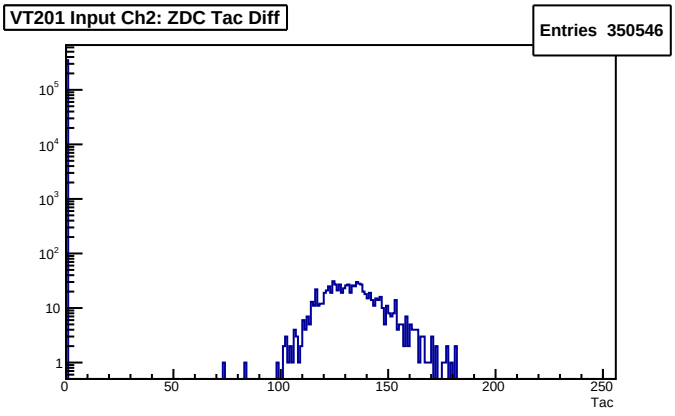

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

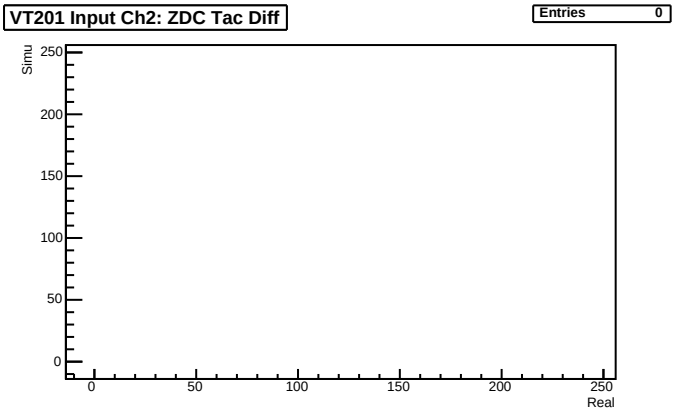

VT201 Input Ch1: EPD Tac Diff
Entries 350546
Tac

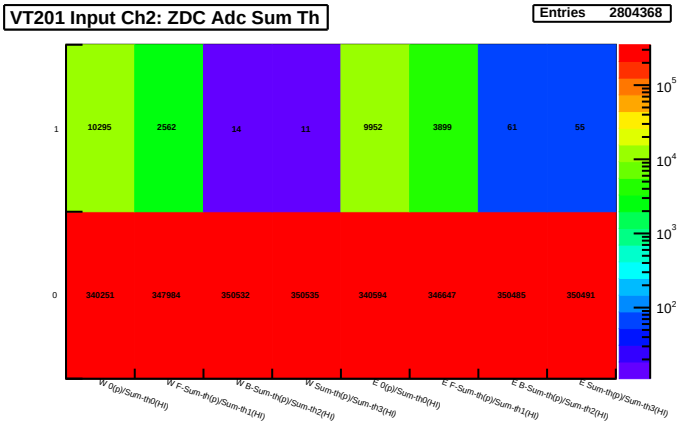

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

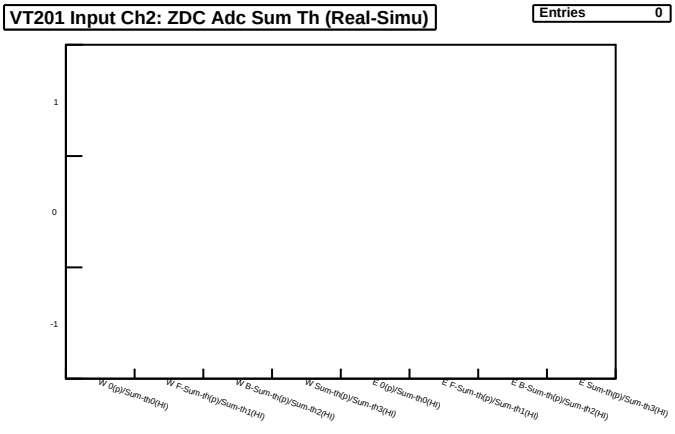

VT201 Input Ch1: EPD Hit Count Th
Entries 701092
345570
344781
4976
5765
East
West

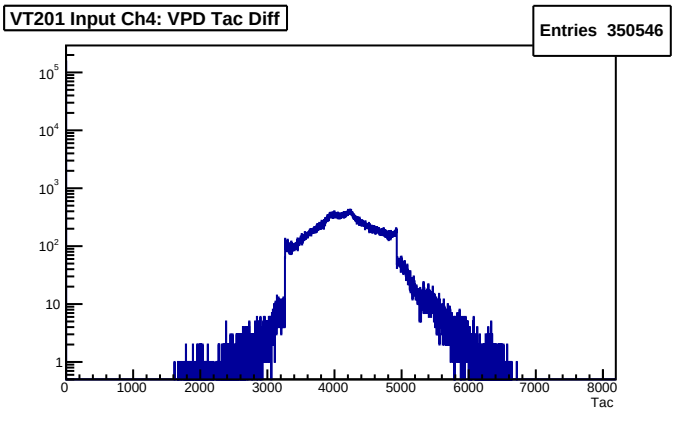

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

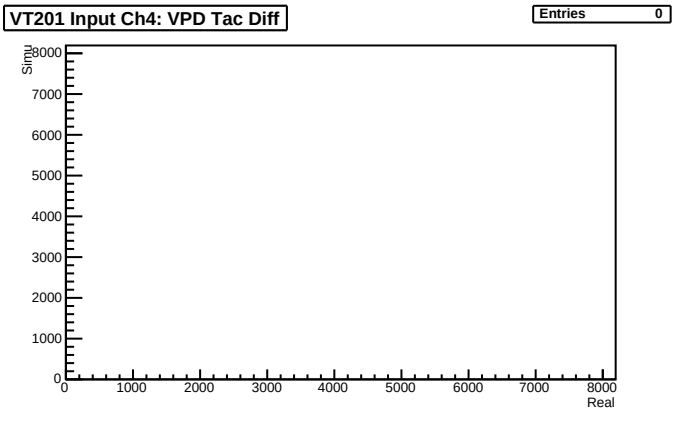

VT201 Input Ch2: ZDC Tac Diff
Entries 350546
Tac

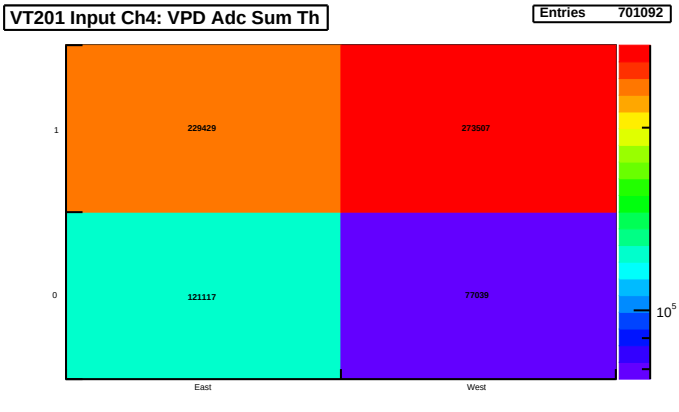

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

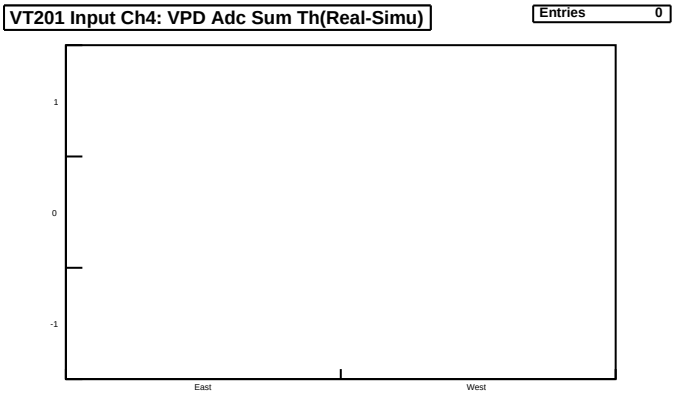

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2804368
10295
2562
14
11
9952
3899
61
55
340251
347984
350532
350535
340594
346647
350485
350491
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

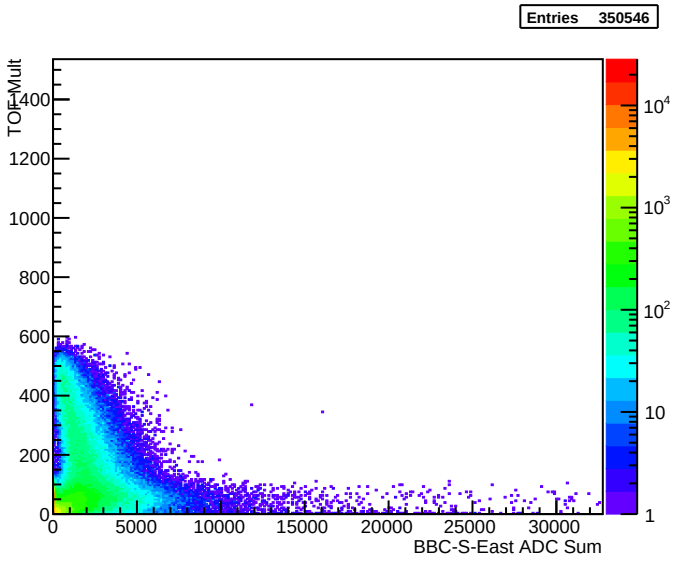

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

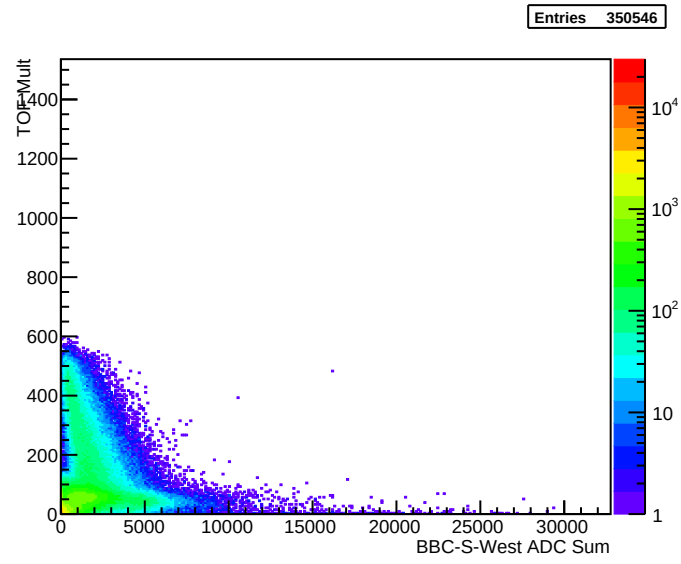

VT201 Input Ch4: VPD Tac Diff
Entries 350546
Tac

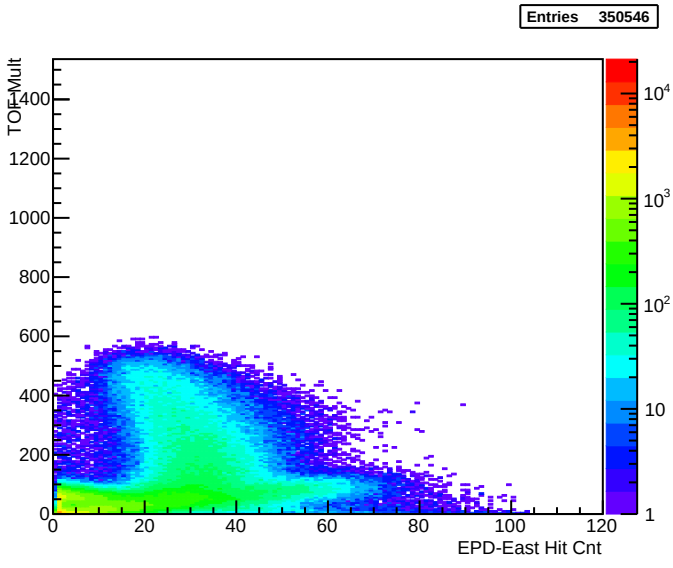

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

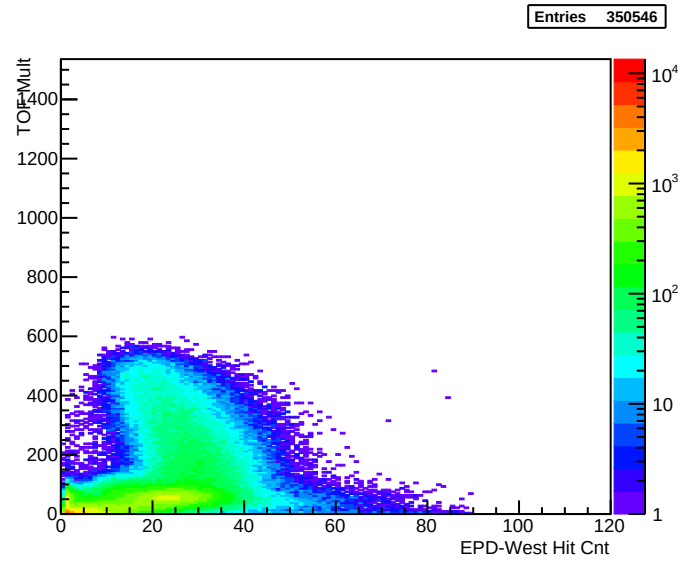

VT201 Input Ch4: VPD Adc Sum Th
Entries 701092
229429
273507
121117
77039
East
West

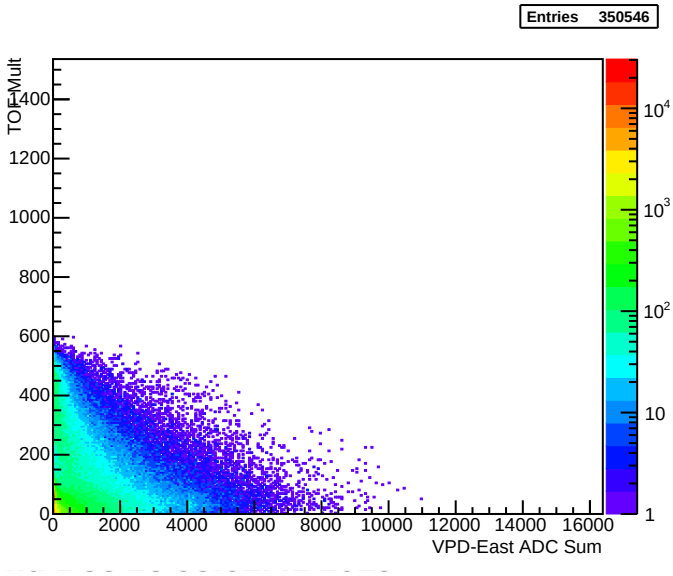

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

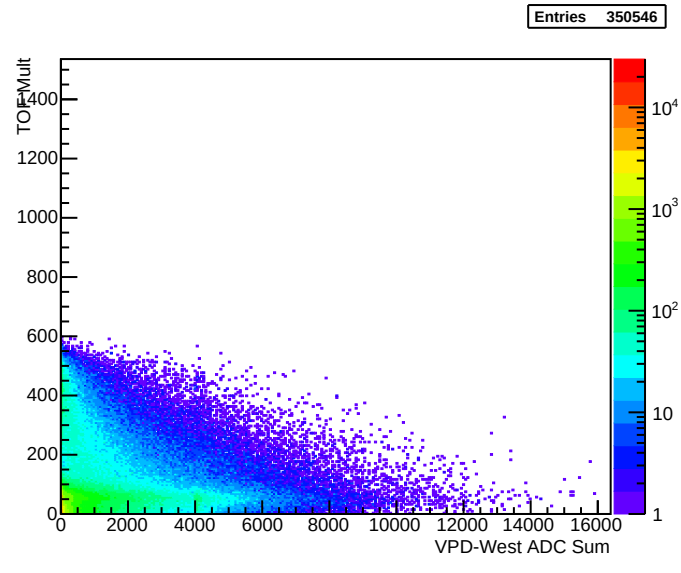

Entries 350546
TOF-Mult
BBC-S-East ADC Sum

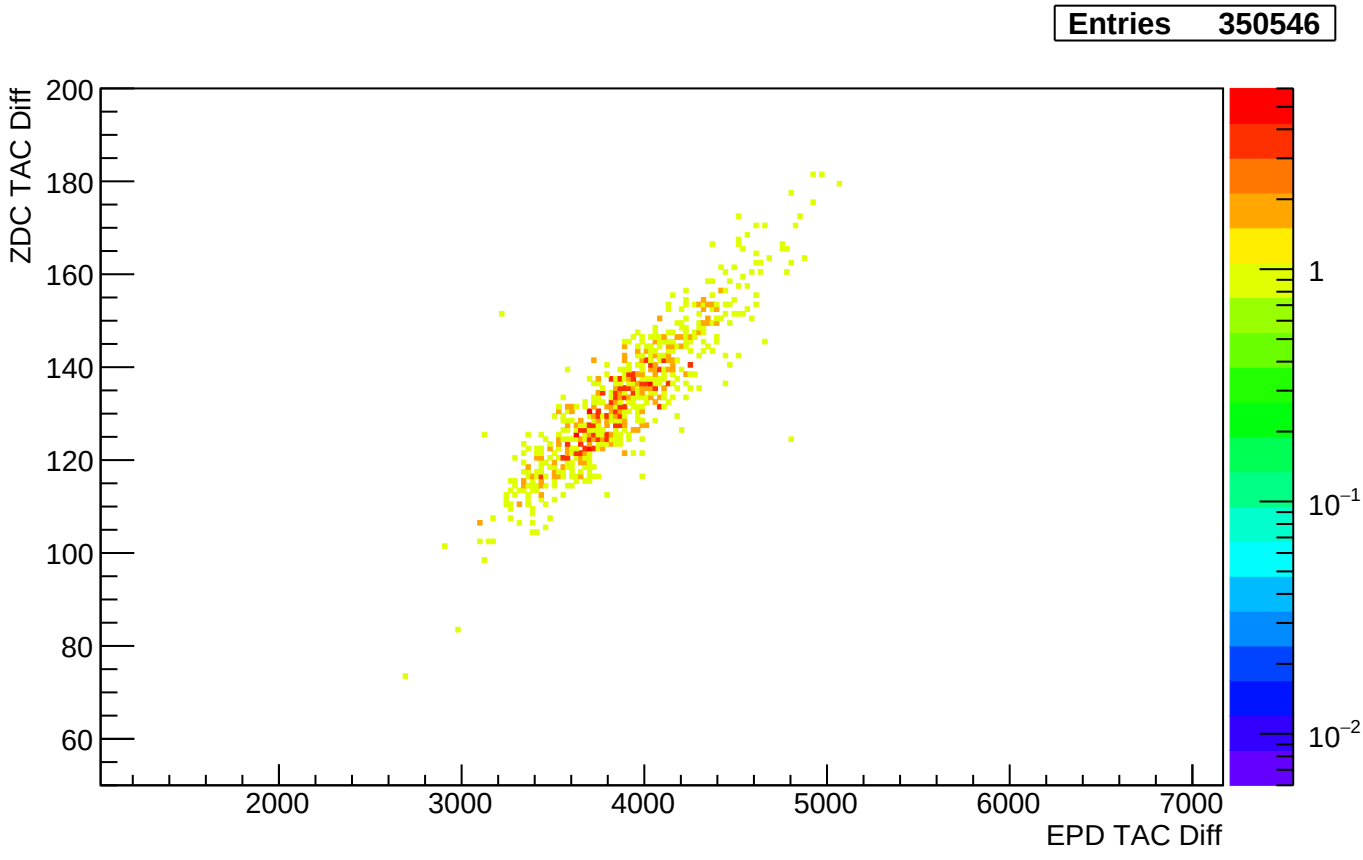

Entries 350546
TOF-Mult
BBC-S-West ADC Sum

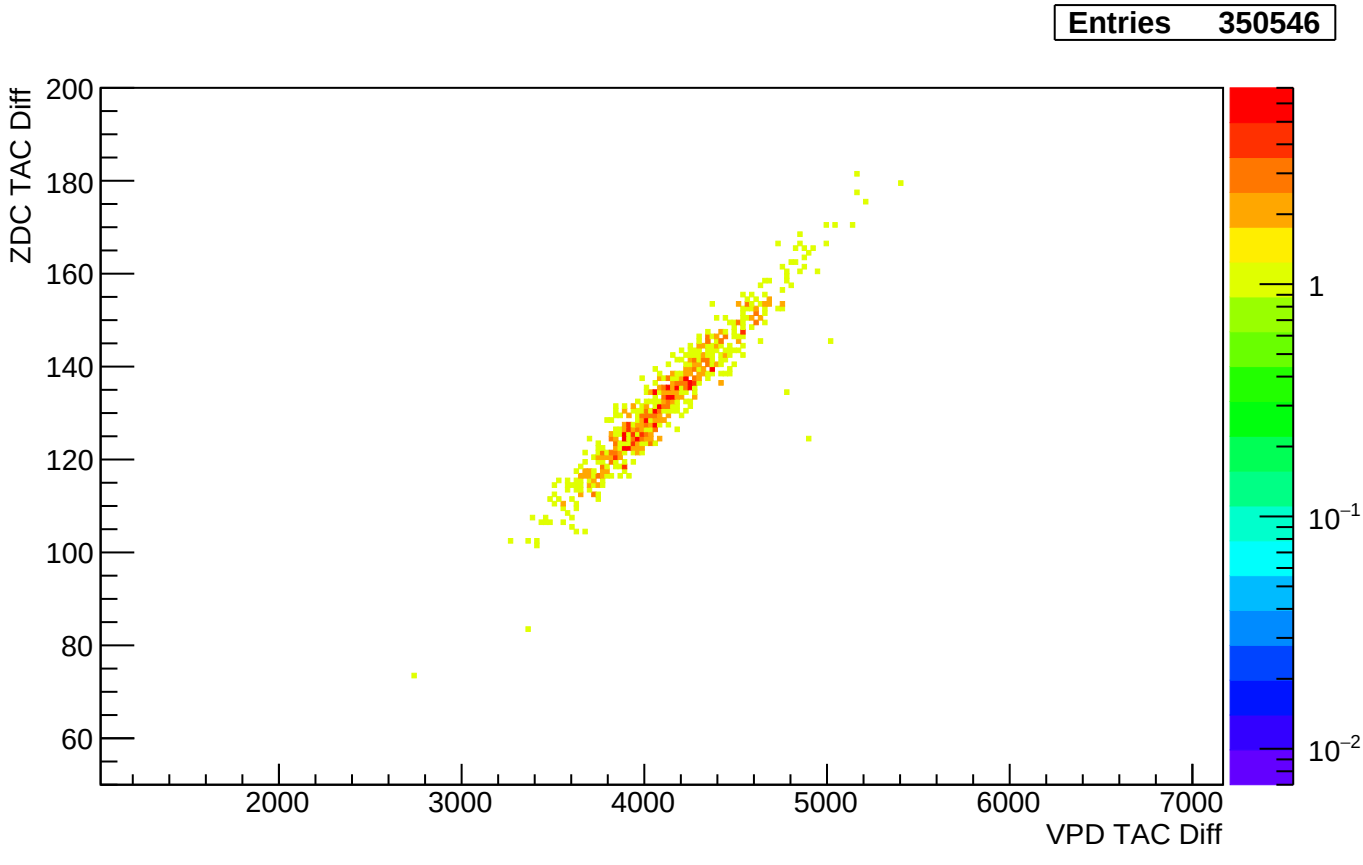

Entries 350546
TOF-Mult
EPD-East Hit Cnt

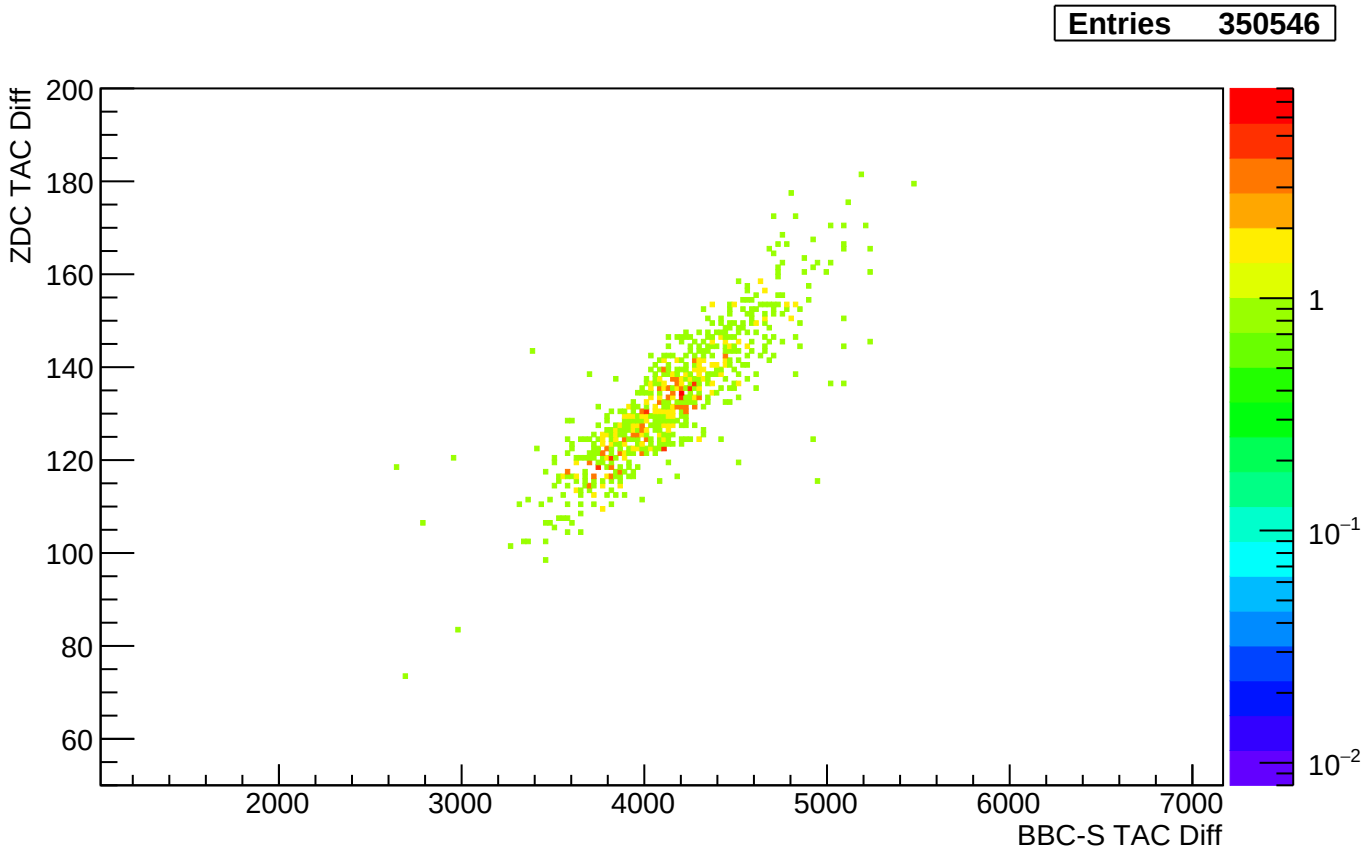

Entries 350546
TOF-Mult
EPD-West Hit Cnt

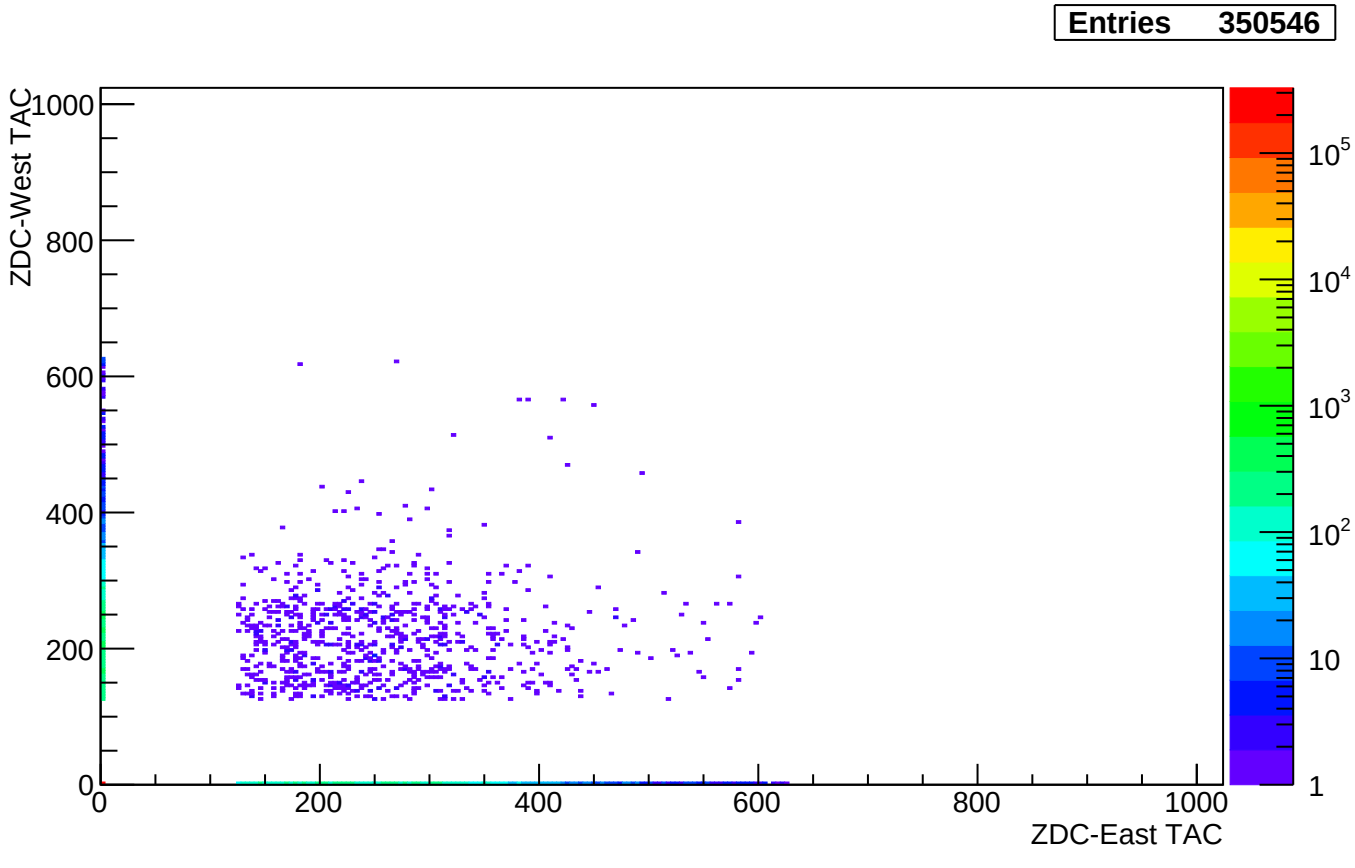

Entries 350546
TOF-Mult
VPD-East ADC Sum

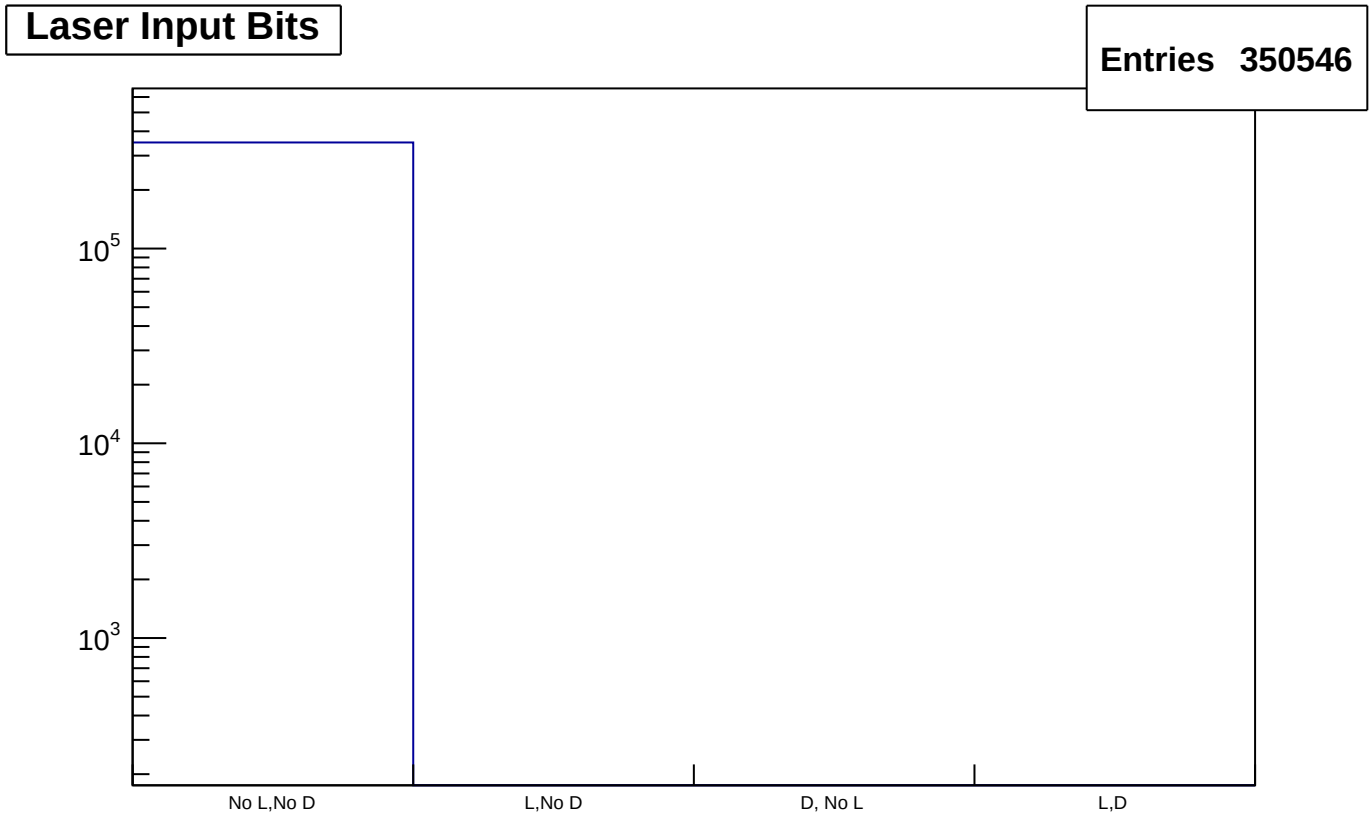

Entries 350546
TOF-Mult
VPD-West ADC Sum

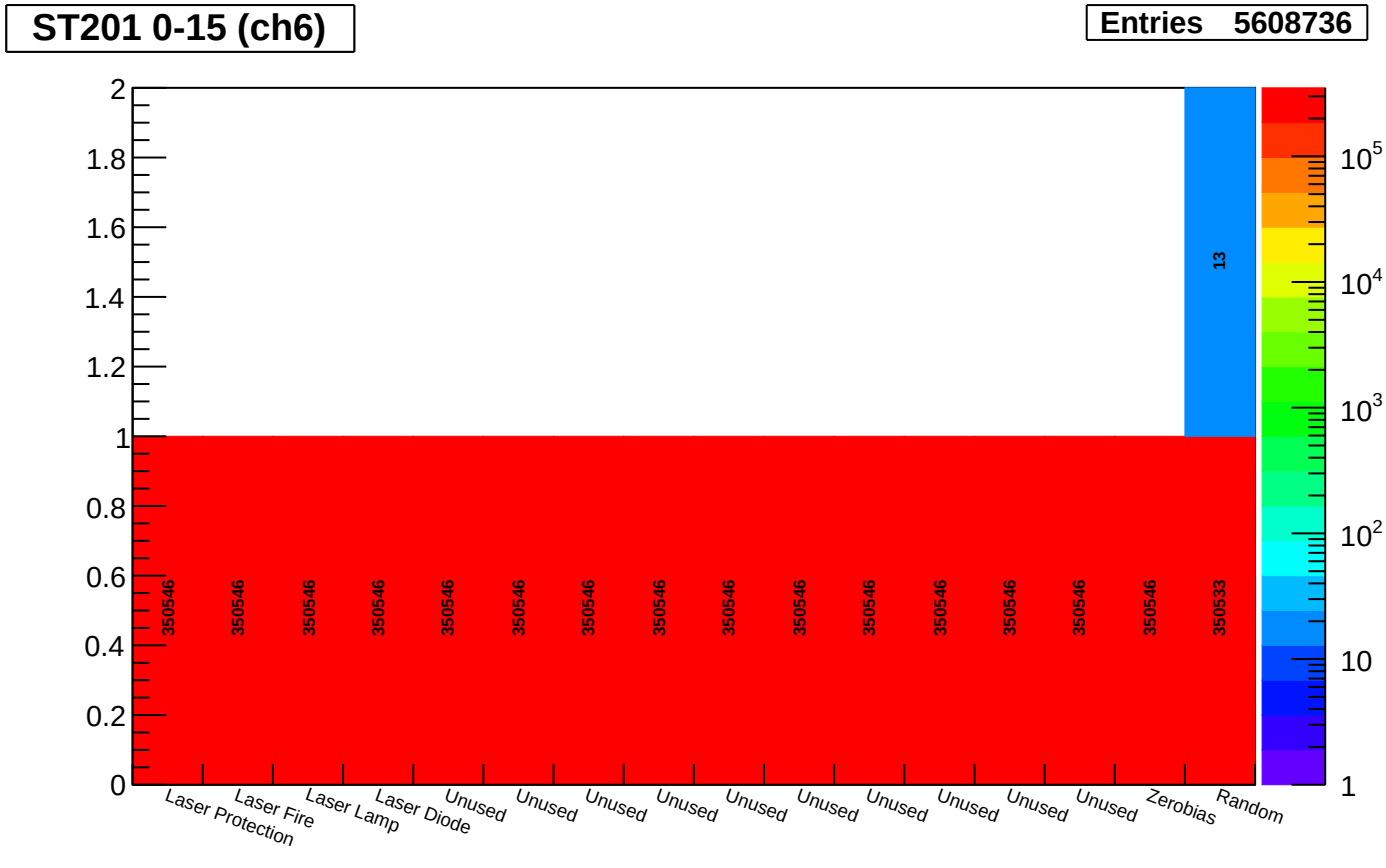

Entries 350546
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

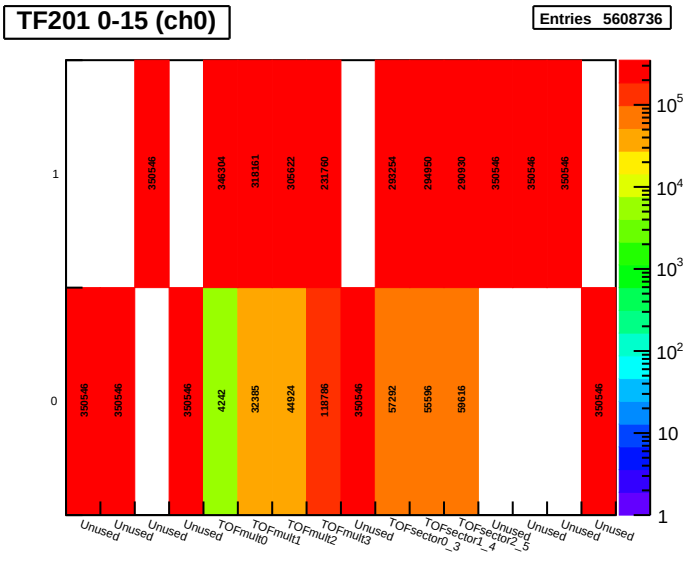

Entries 350546
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

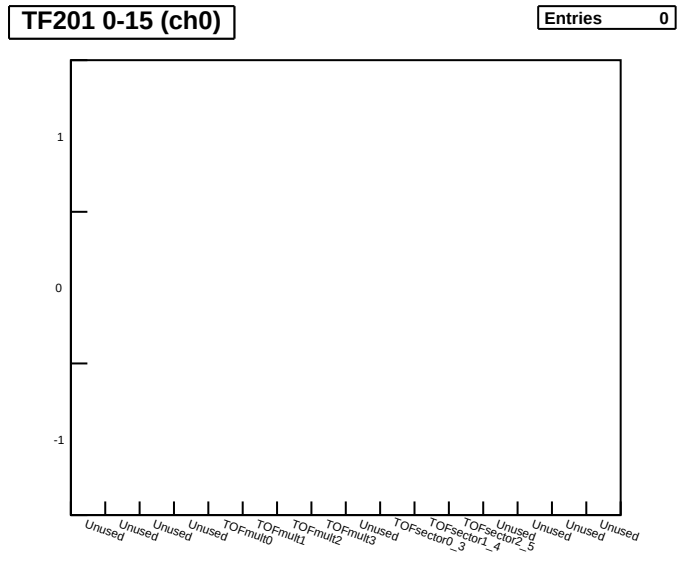

Entries 350546
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

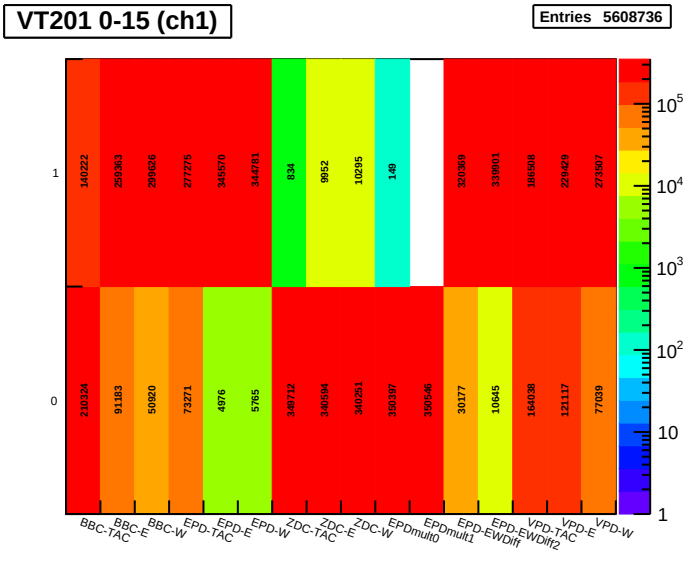

Entries 350546
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

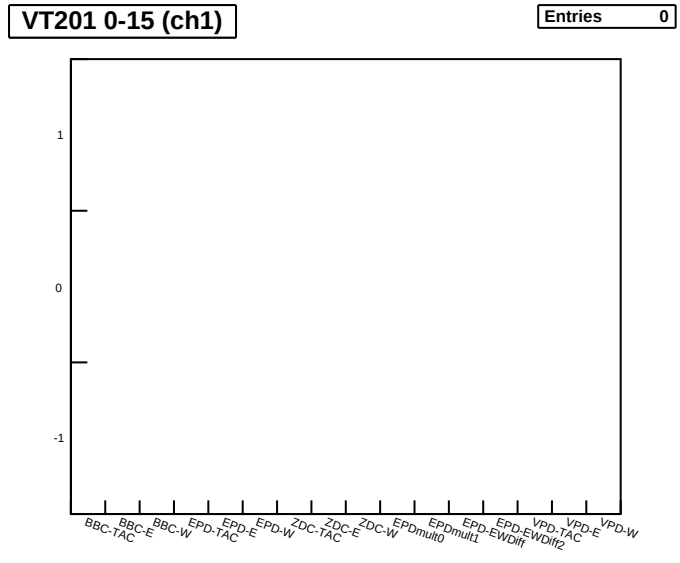

Laser Input Bits
Entries 350546
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

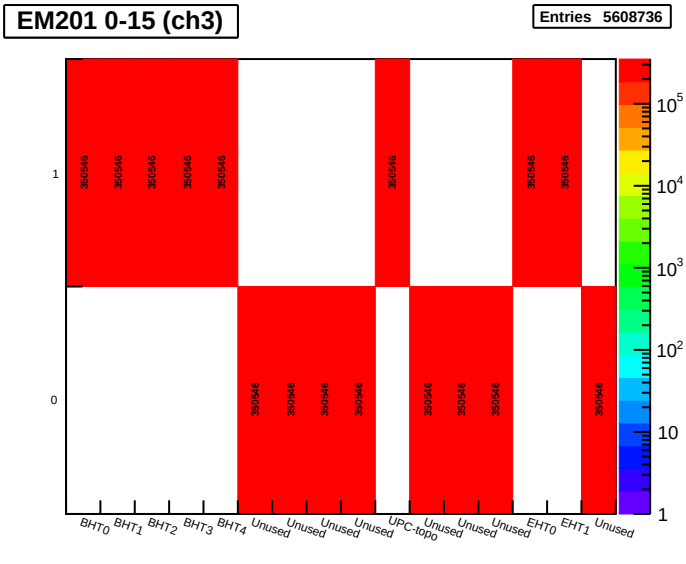

ST201 0-15 (ch6)
Entries 5608736
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13
350546
350533
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

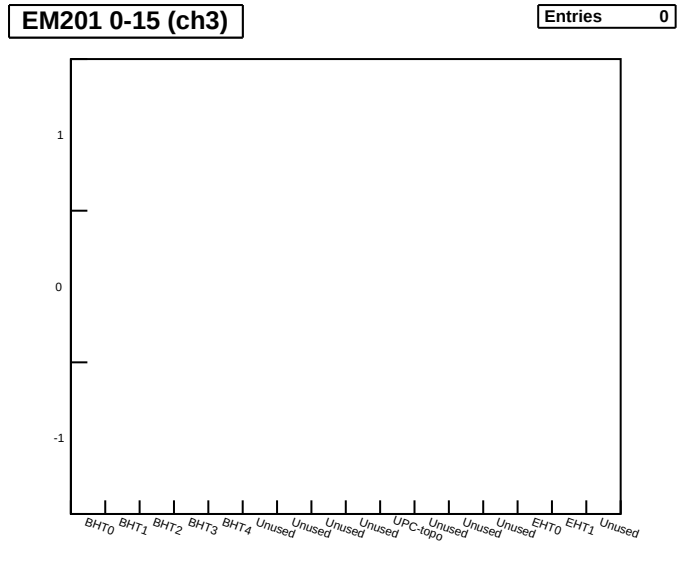

TF201 0-15 (ch0)
Entries 5608736
1
0
350546 350546 350546 350546 346304 318161 305622 231760 293254 294950 290930 350546 350546 350546
350546 350546 350546 4242 32385 44924 118786 350546 57292 55596 59616 350546
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 5608736
1
0
140222 259353 299626 277275 345570 344781 834 9952 10295 149 320359 339901 185508 229429 273507
210324 91183 50920 73271 4976 5765 349712 340594 340251 350397 350546 30177 10645 164038 121117 77039
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 5608736
1
0
350546 350546 350546 350546 350546 350546 350546 350546
350546 350546 350546 350546 350546 350546 350546 350546
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