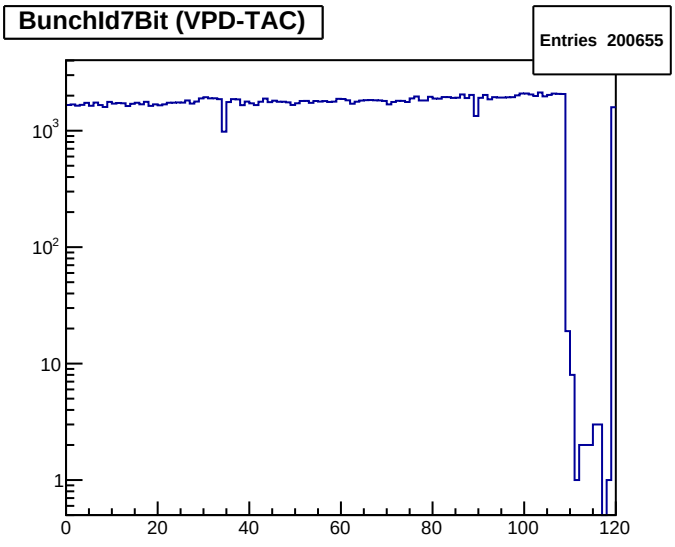
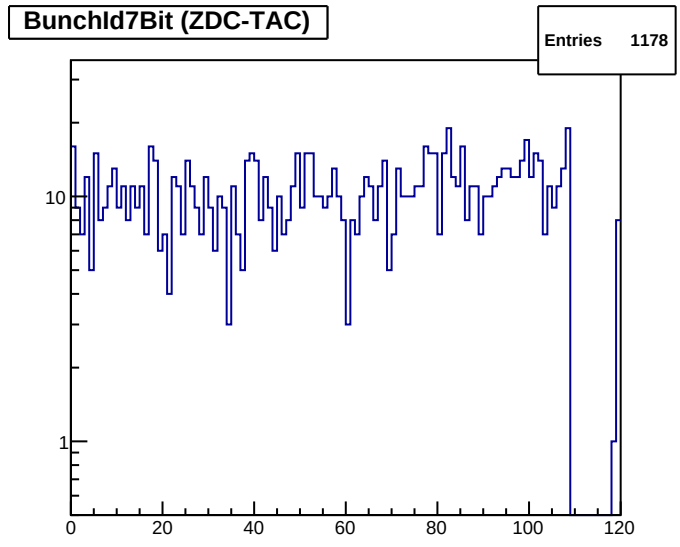
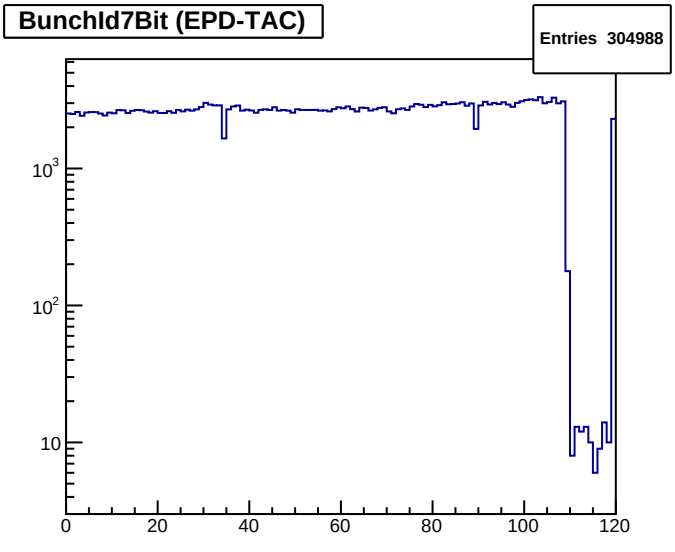
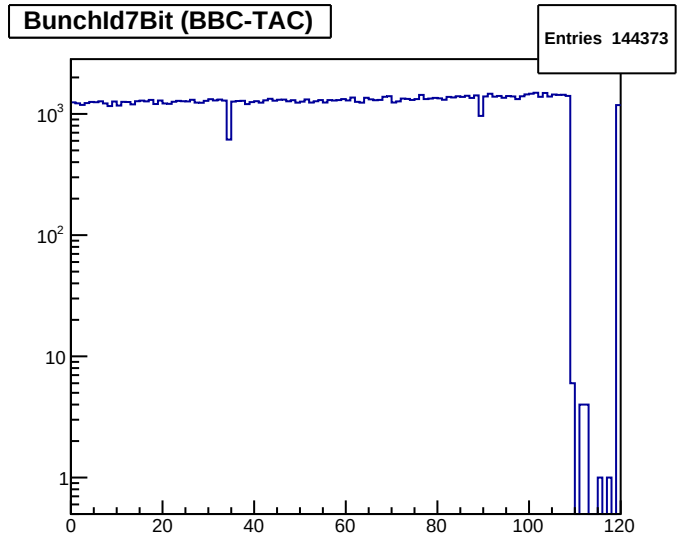
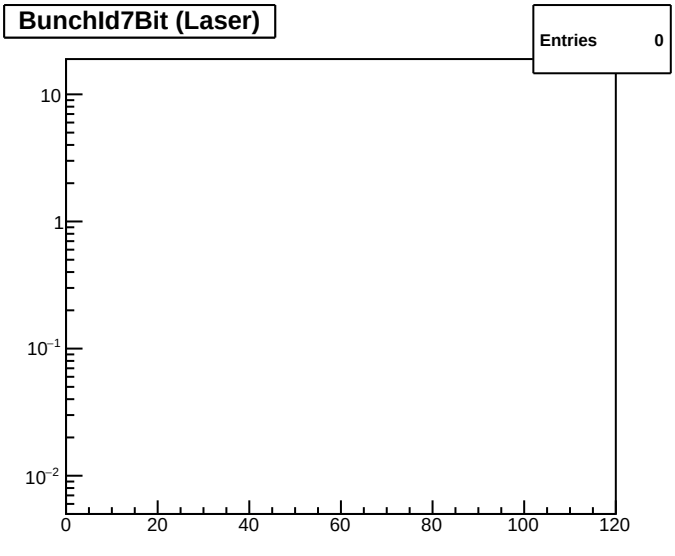
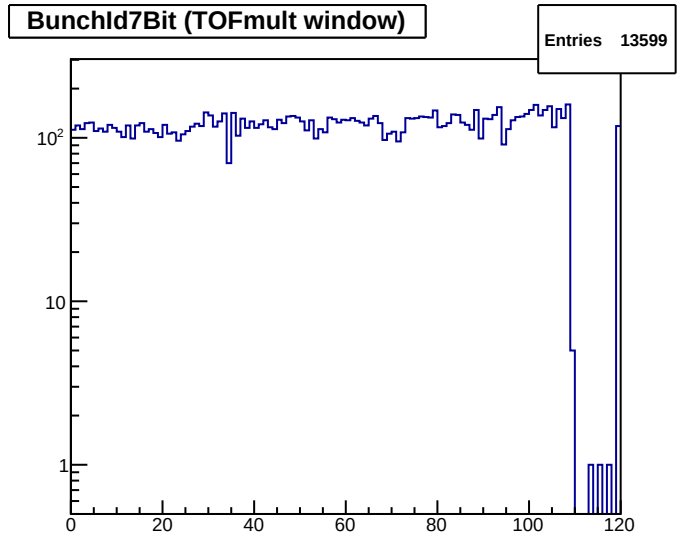

BunchId7Bit (VPD-TAC)
Entries 200655

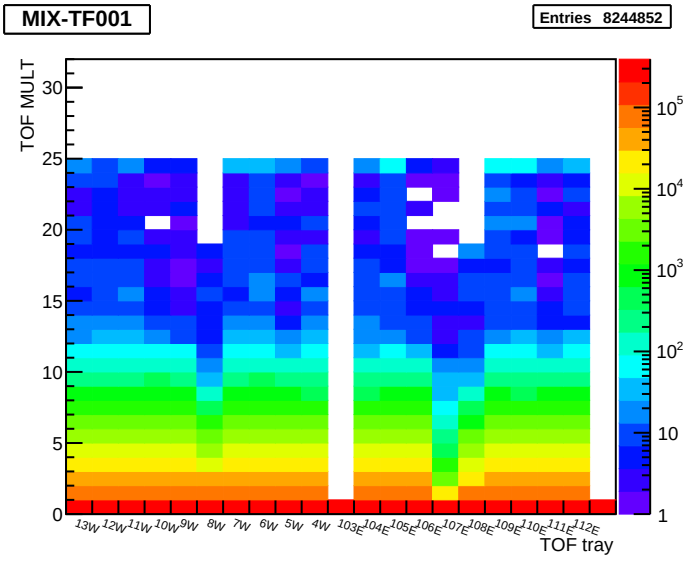

BunchId7Bit (ZDC-TAC)
Entries 1178

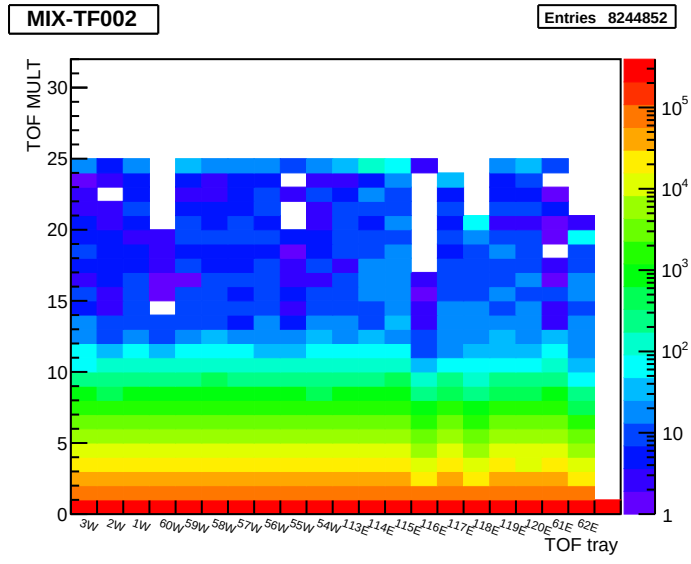

BunchId7Bit (EPD-TAC)
Entries 304988

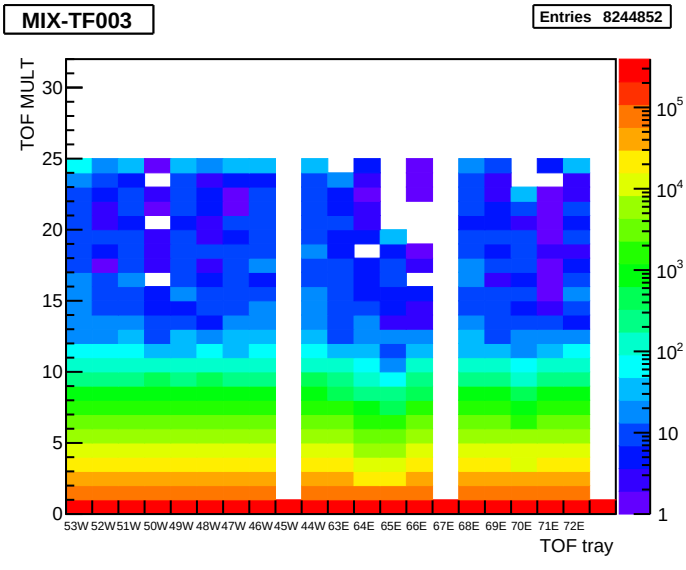

BunchId7Bit (BBC-TAC)
Entries 144373

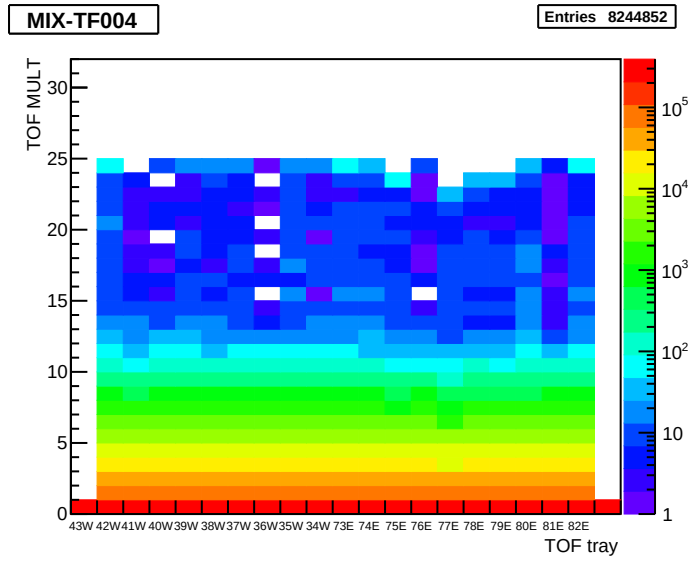

BunchId7Bit (Laser)
Entries 0

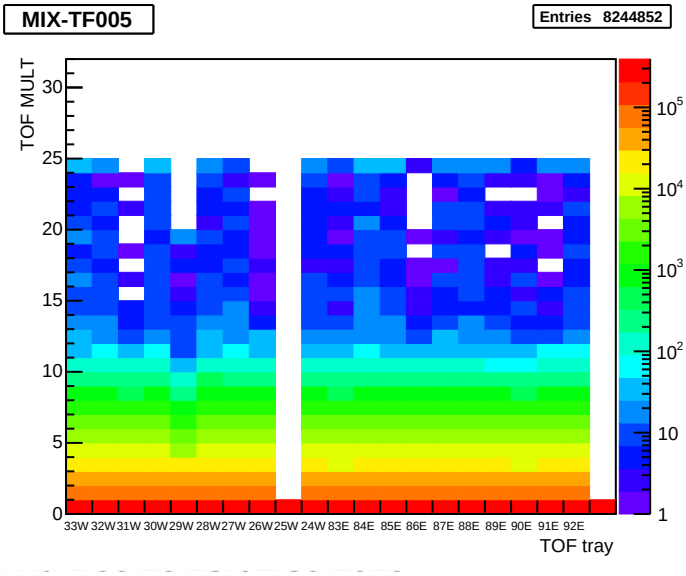

BunchId7Bit (TOFmult window)
Entries 13599

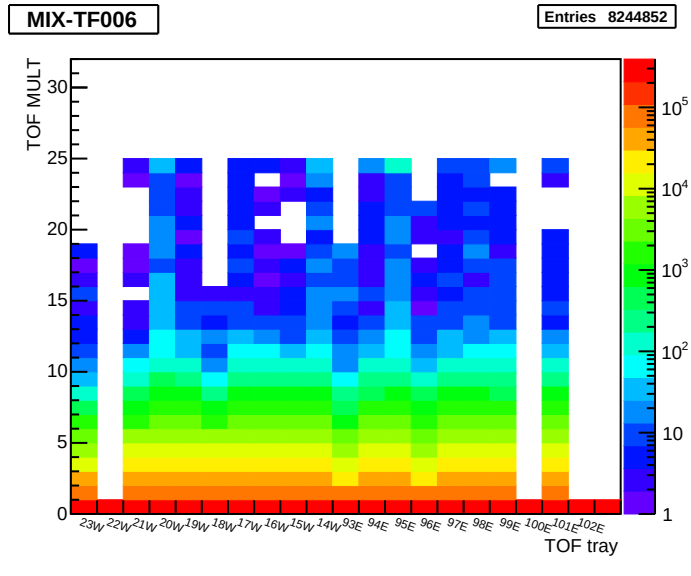

MIX-TF001
Entries 8244852
TOF MULT
TOF tray

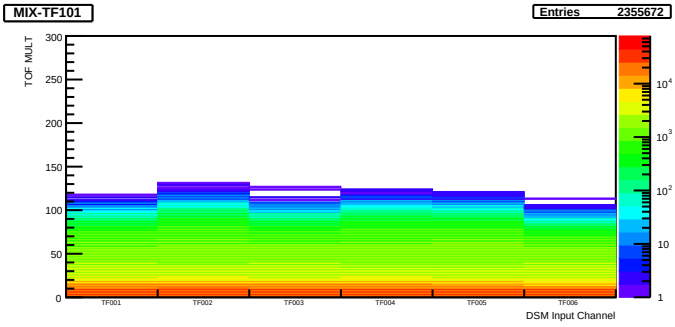

MIX-TF002
Entries 8244852
TOF MULT
TOF tray

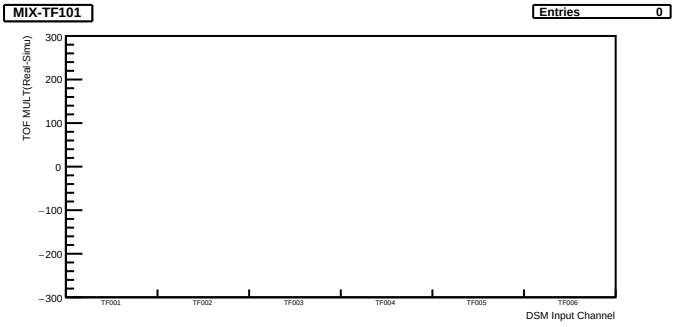

MIX-TF003
Entries 8244852
TOF MULT
TOF tray

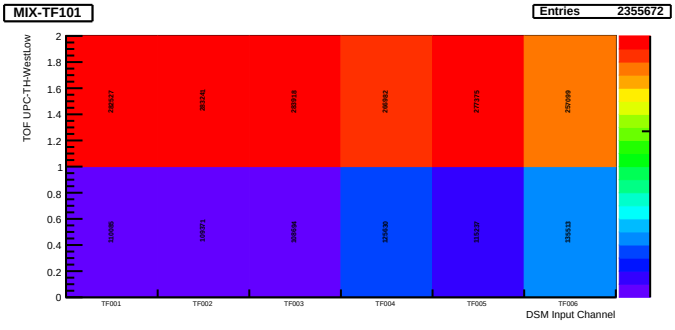

MIX-TF004
Entries 8244852
TOF MULT
TOF tray

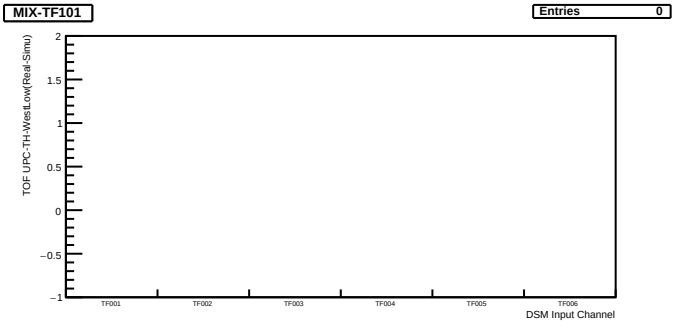

MIX-TF005
Entries 8244852
TOF MULT
TOF tray

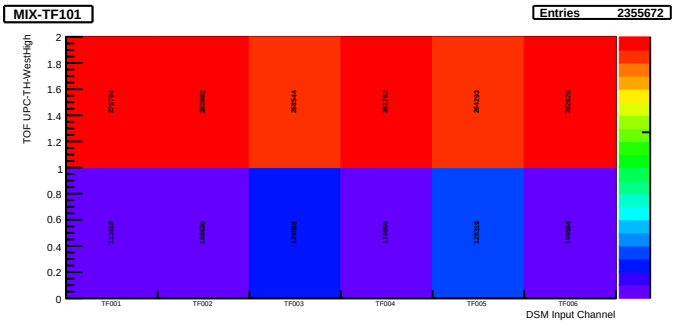

MIX-TF006
Entries 8244852
TOF MULT
TOF tray

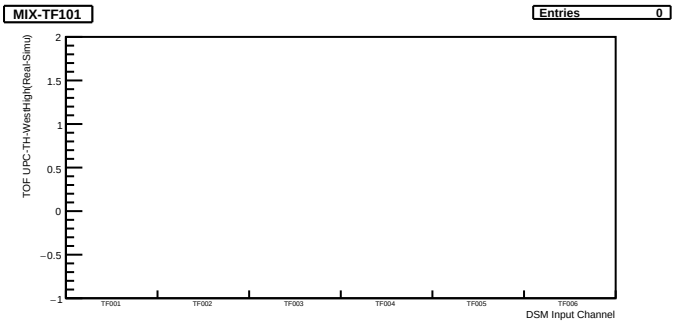

MIX-TF101
Entries 2355672
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

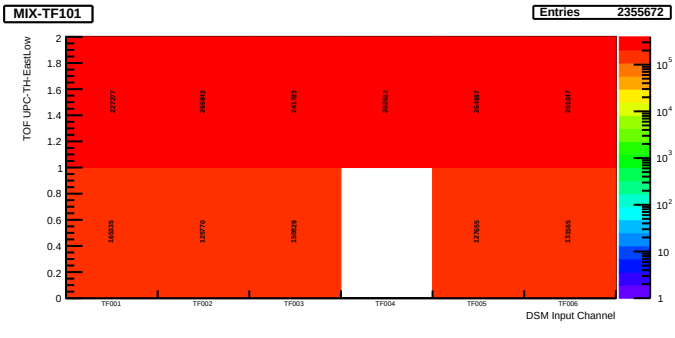

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

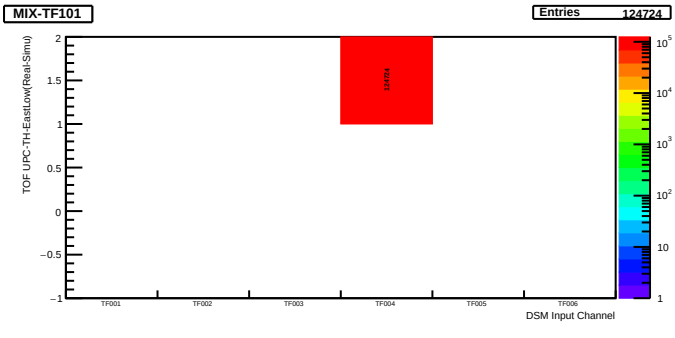

MIX-TF101
Entries 2355672
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

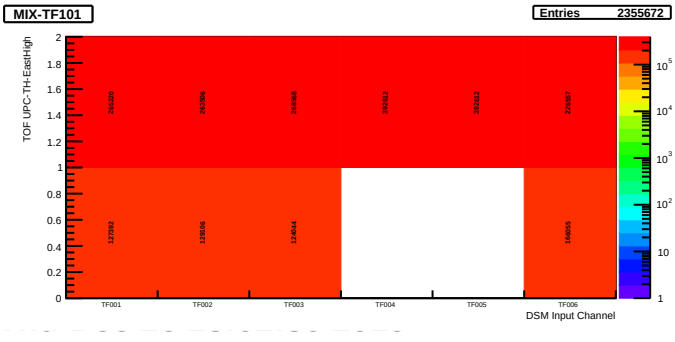

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

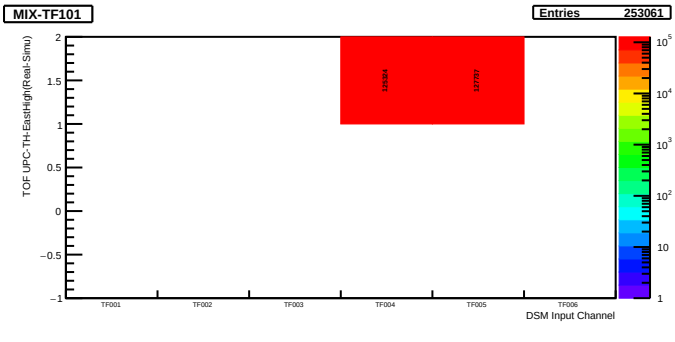

MIX-TF101
Entries 2355672
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

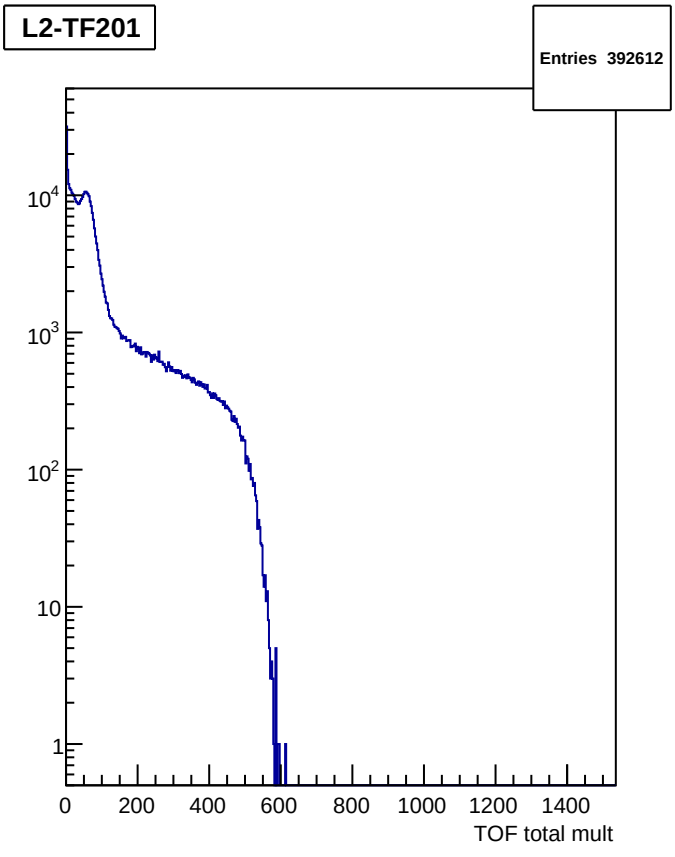

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

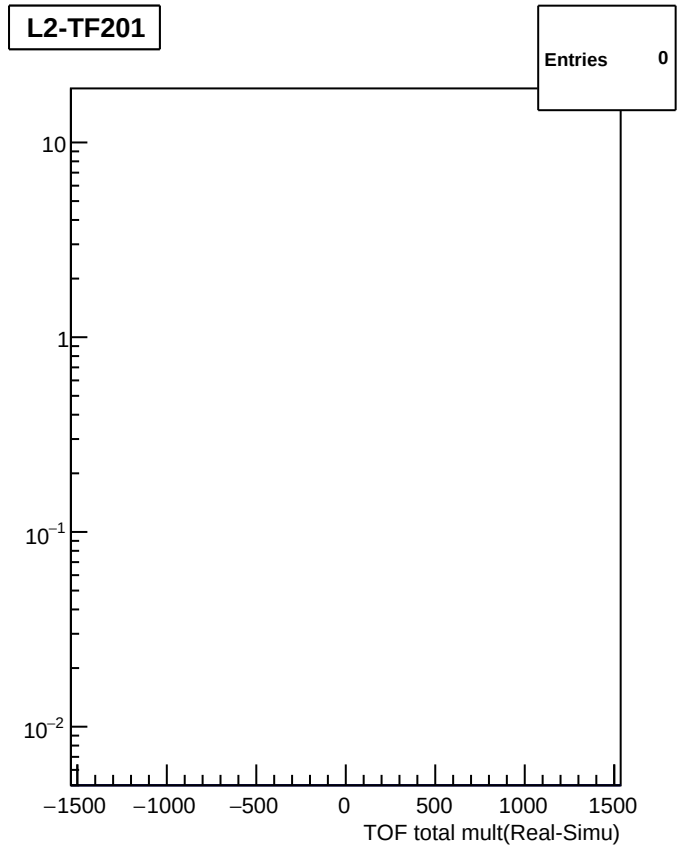

MIX-TF101
Entries 2355672
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

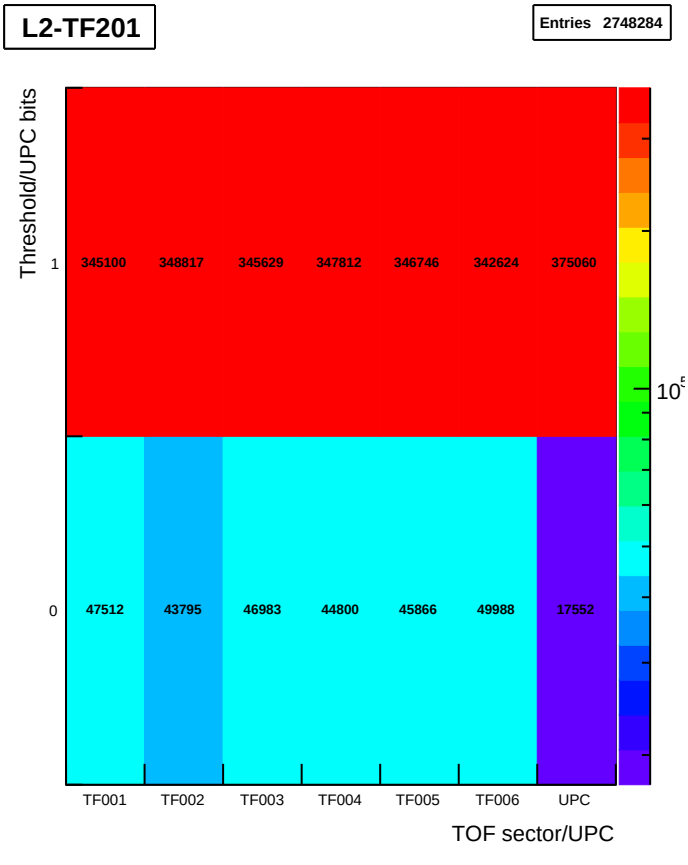

MIX-TF101
Entries 124724
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

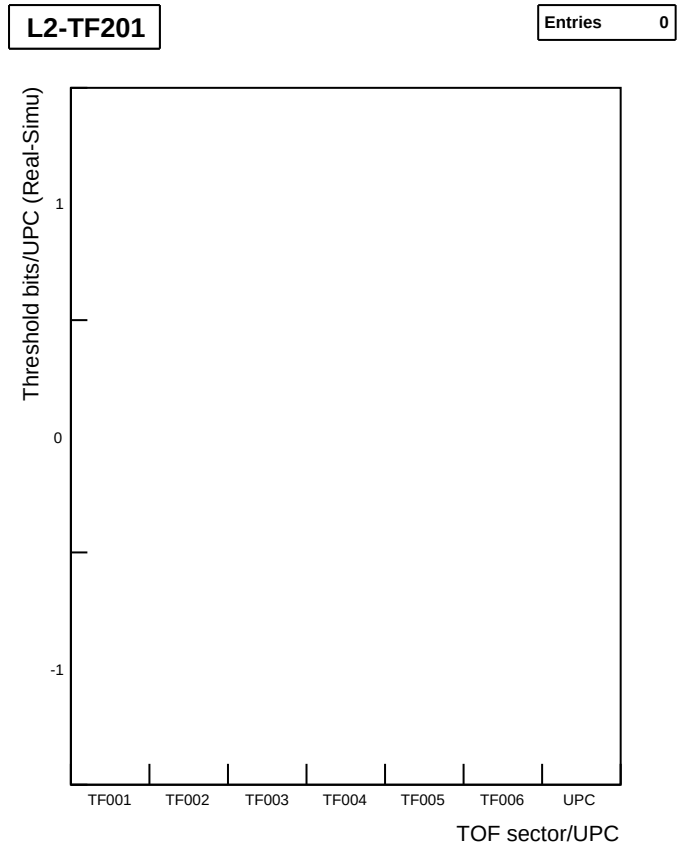

MIX-TF101
Entries 2355672
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

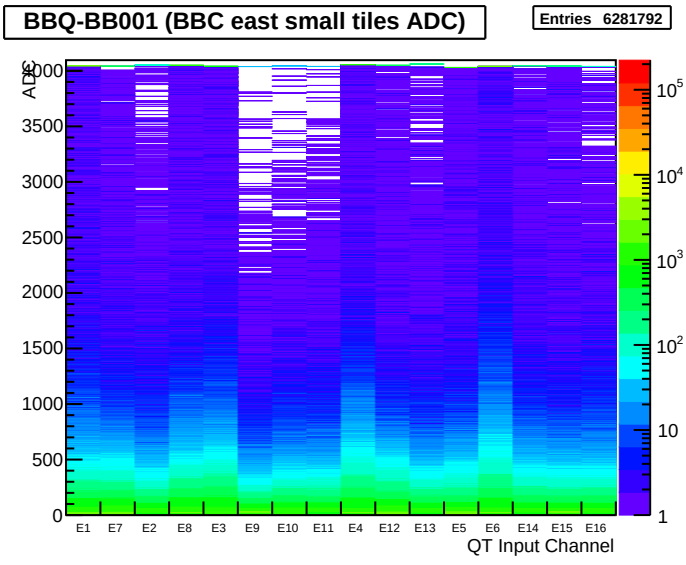

MIX-TF101
Entries 253061
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

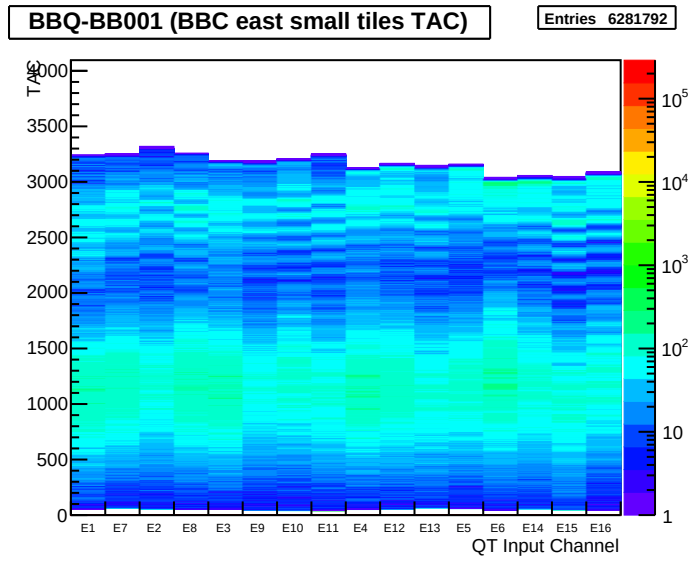

L2-TF201
Entries 392612
TOF total mult

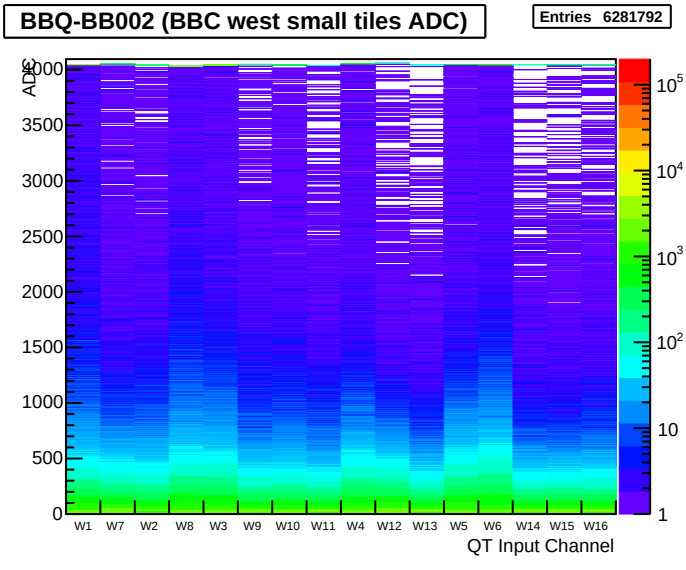

L2-TF201
Entries 0
TOF total mult(Real-Simu)

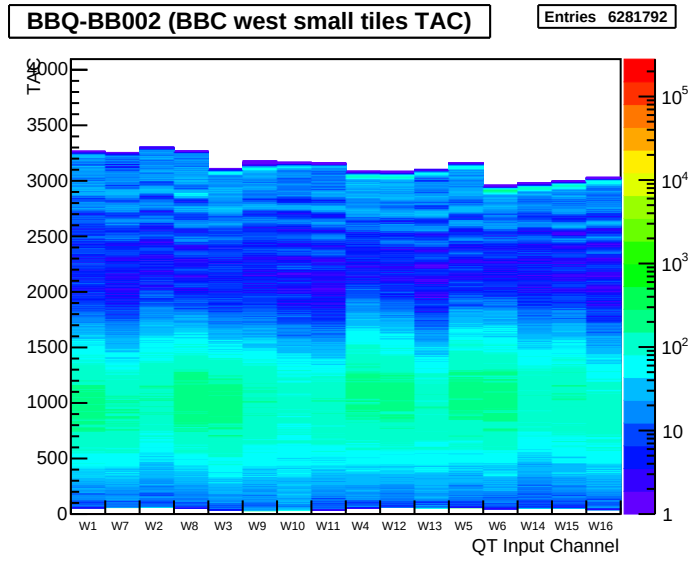

L2-TF201
Entries 2748284
Threshold/UPC bits
345100
348817
345629
347812
346746
342624
375060
47512
43795
46983
44800
45866
49988
17552
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

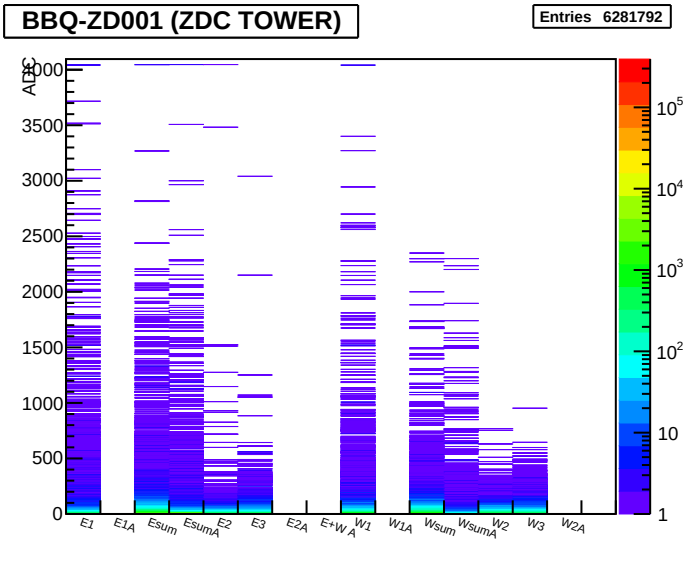

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

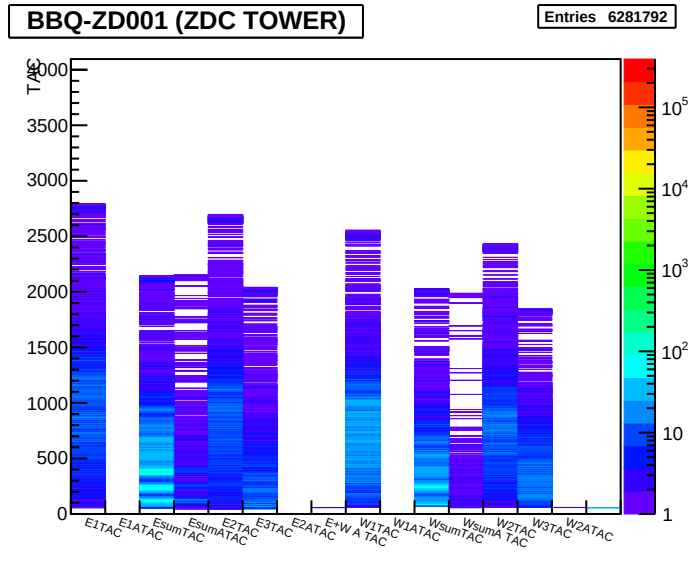

BBQ-BB001 (BBC east small tiles ADC)
Entries 6281792
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

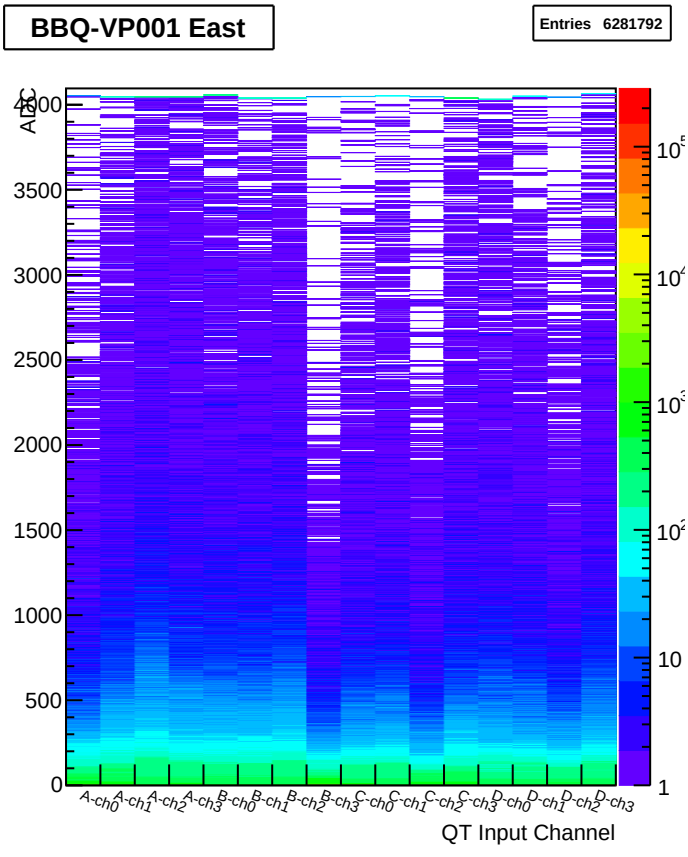

BBQ-BB001 (BBC east small tiles TAC)
Entries 6281792
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

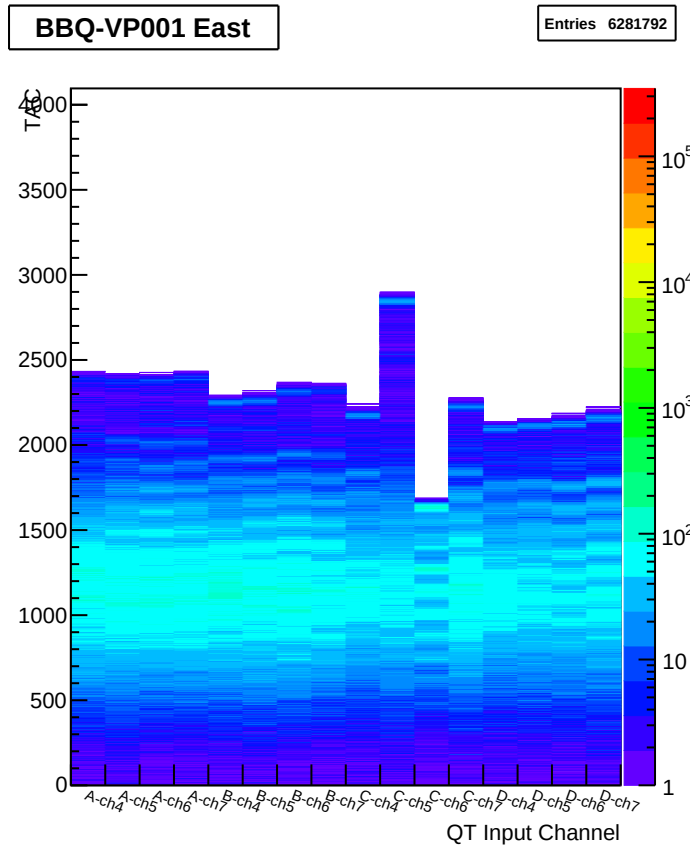

BBQ-BB002 (BBC west small tiles ADC)
Entries 6281792
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

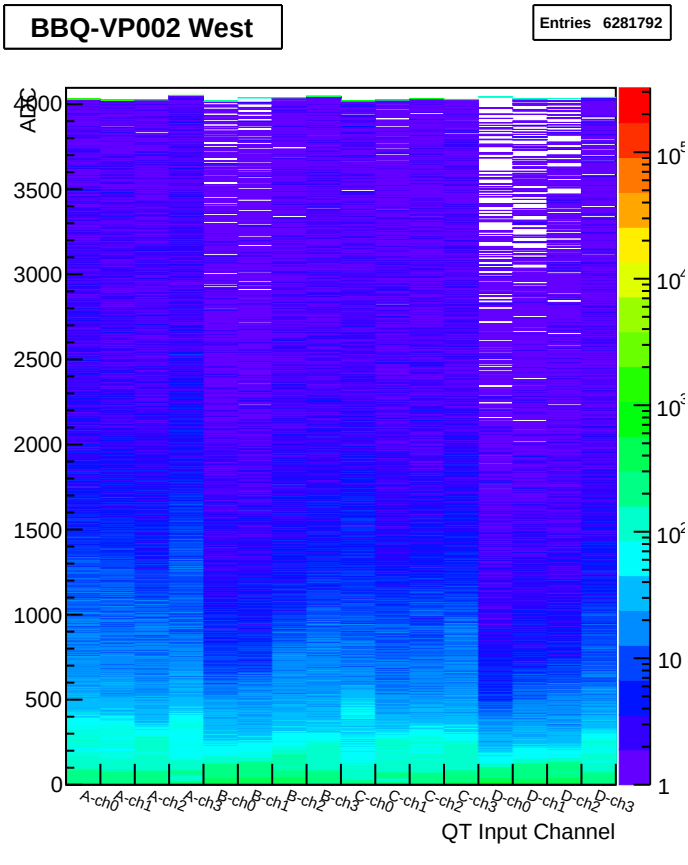

BBQ-BB002 (BBC west small tiles TAC)
Entries 6281792
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

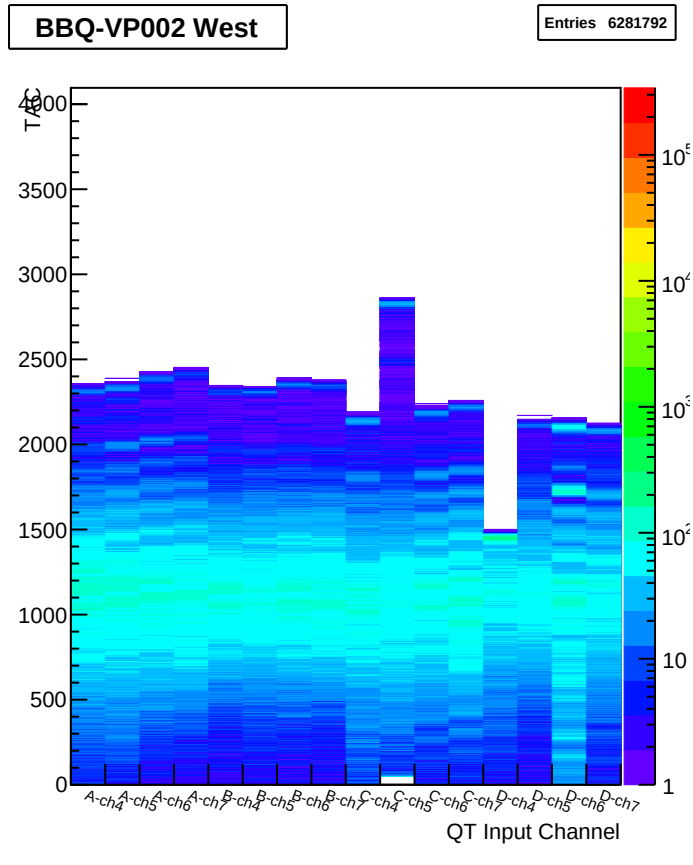

BBQ-ZD001 (ZDC TOWER)
Entries 6281792
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

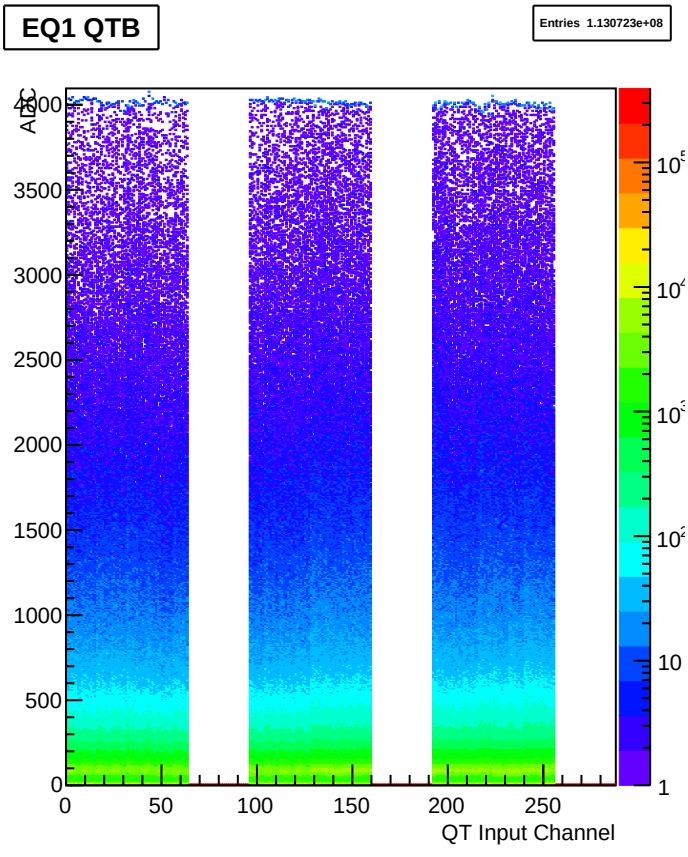

BBQ-ZD001 (ZDC TOWER)
Entries 6281792
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

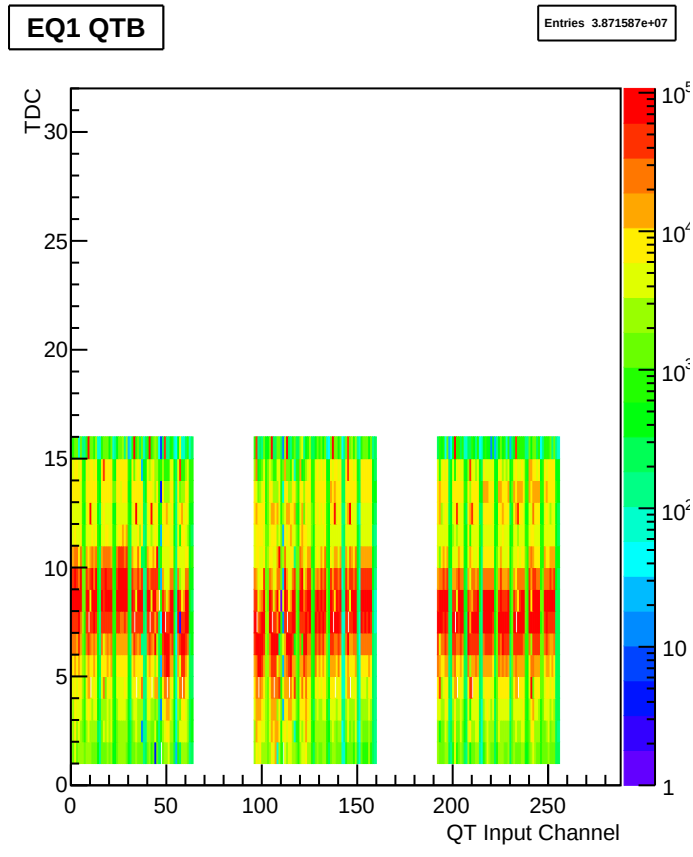

BBQ-VP001 East
Entries 6281792
ADC
QT Input Channel

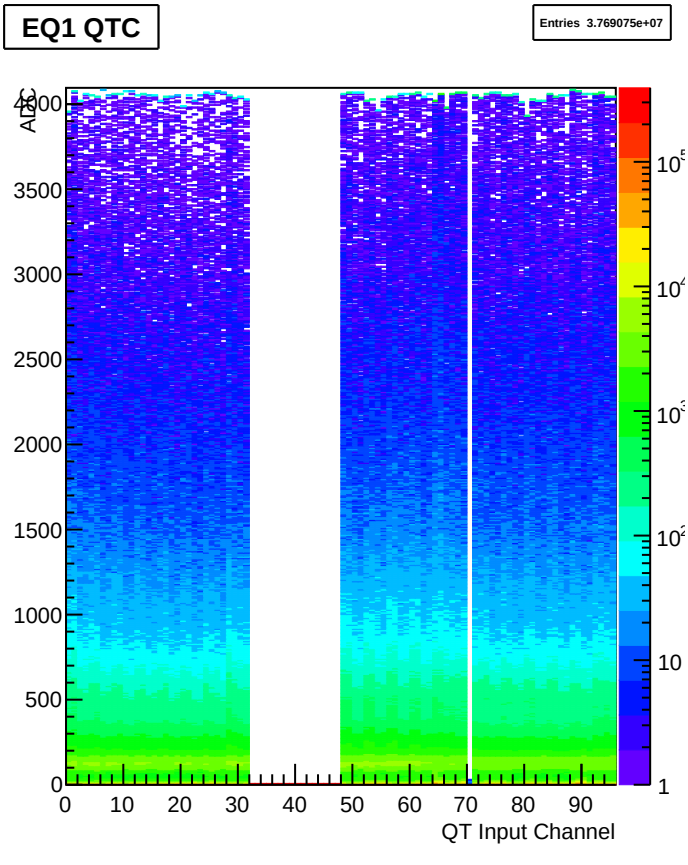

BBQ-VP001 East
Entries 6281792
TADC
QT Input Channel

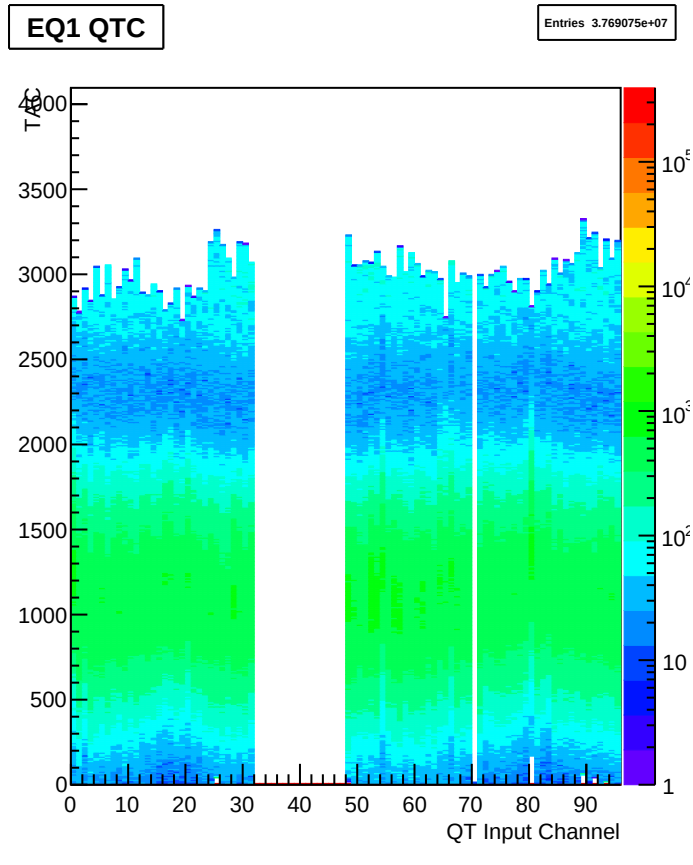

BBQ-VP002 West
Entries 6281792
ADC
QT Input Channel

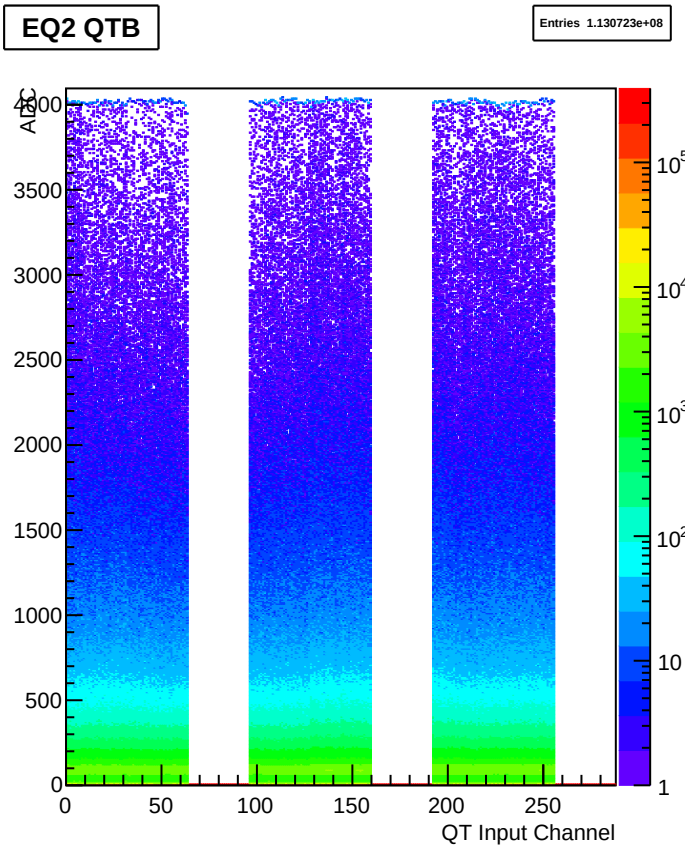

BBQ-VP002 West
Entries 6281792
TADC
QT Input Channel

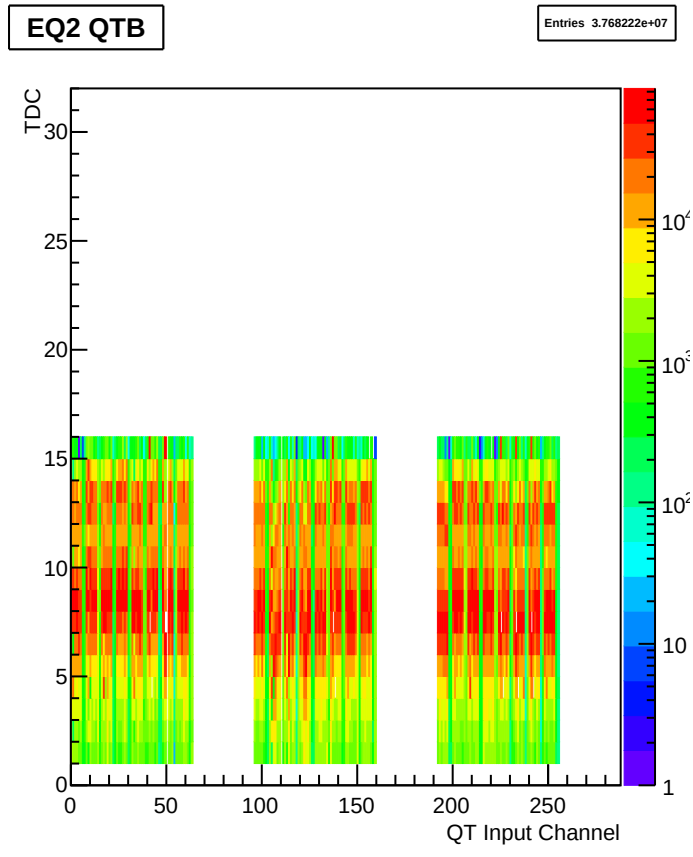

EQ1 QTB
Entries 1.130723e+08
ADC
QT Input Channel

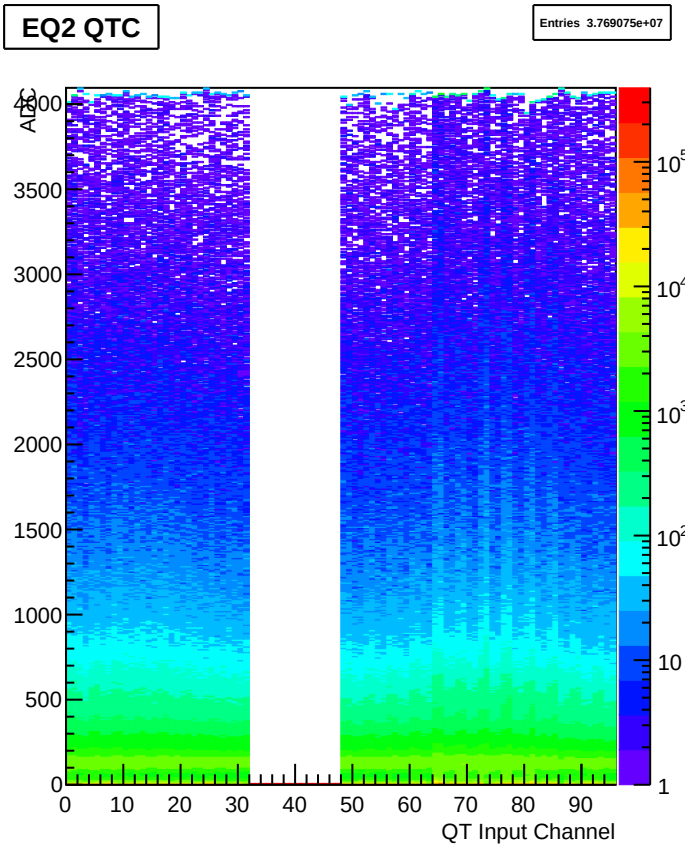

EQ1 QTB
Entries 3.871587e+07
TDC
QT Input Channel

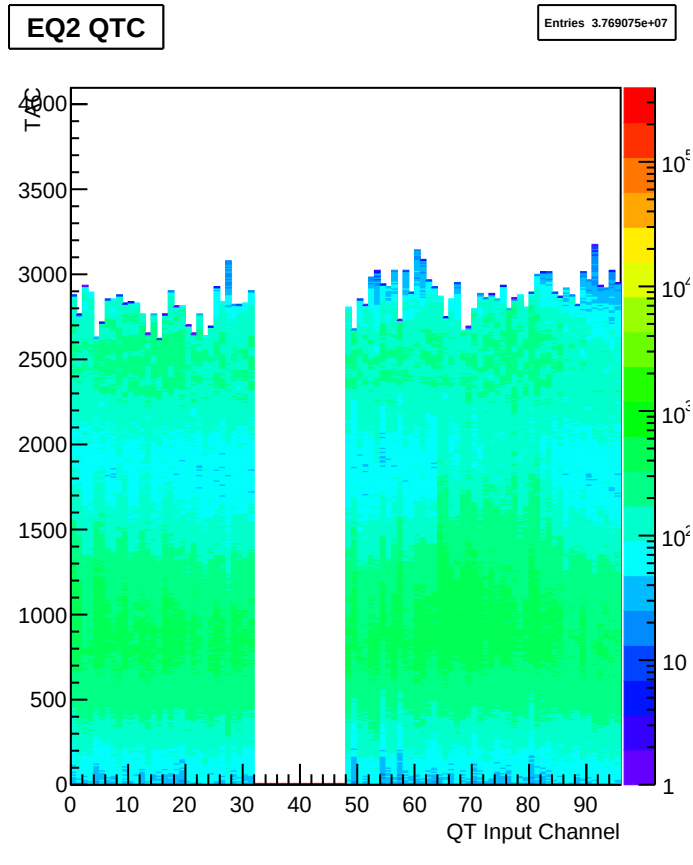

EQ1 QTC
Entries 3.769075e+07
ADC
QT Input Channel

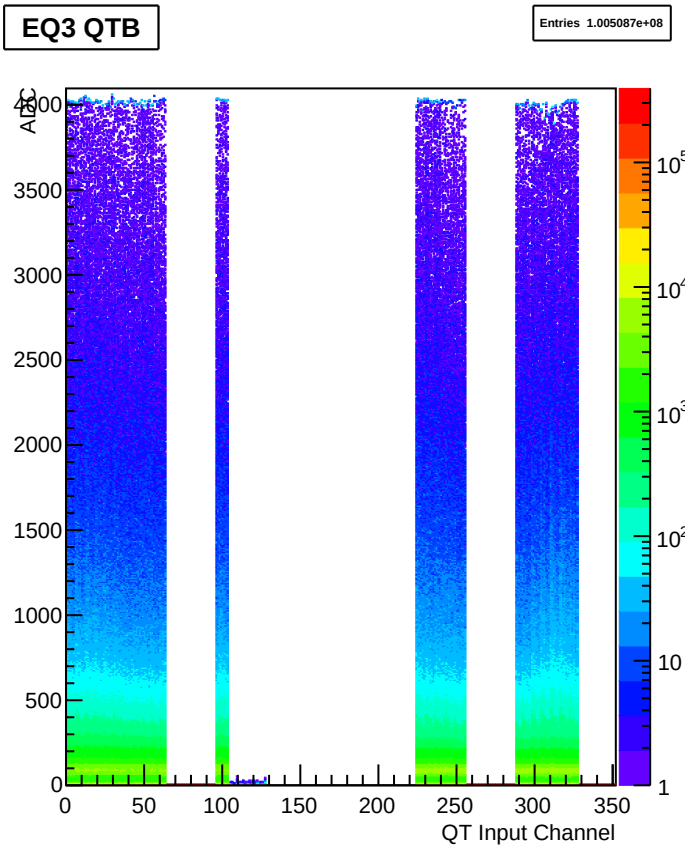

EQ1 QTC
Entries 3.769075e+07
TADC
QT Input Channel

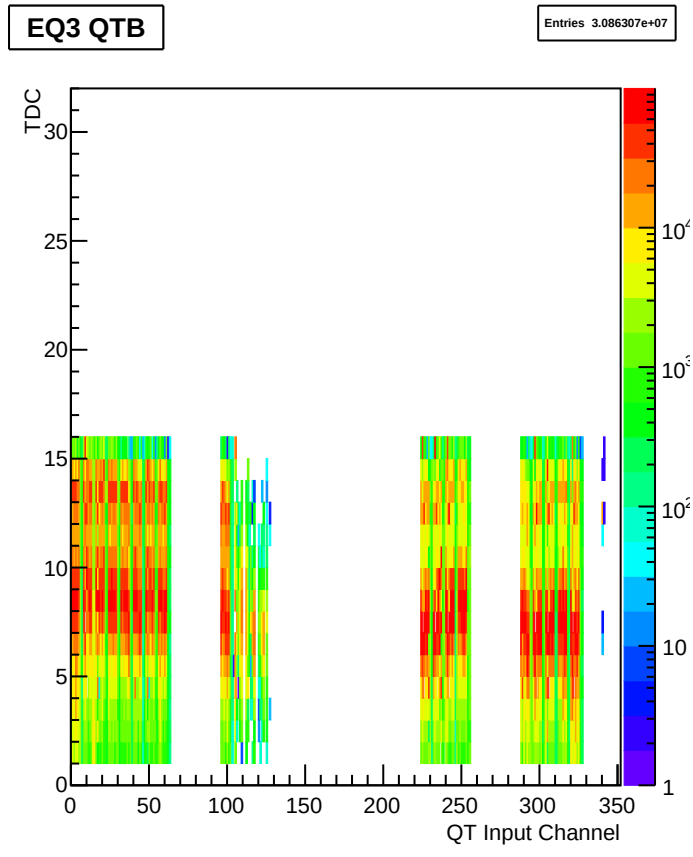

EQ2 QTB
Entries 1.130723e+08
ADC
QT Input Channel

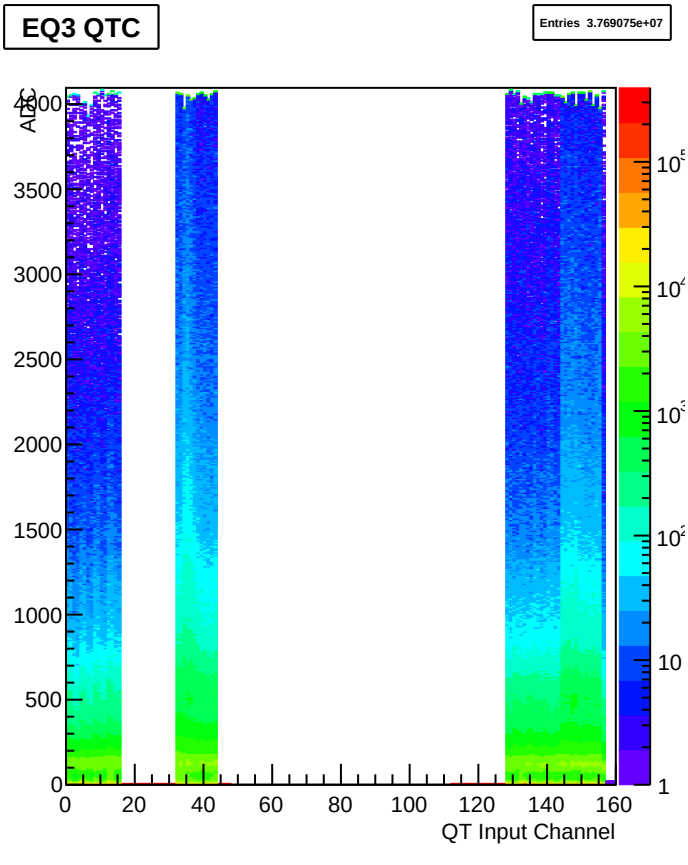

EQ2 QTB
Entries 3.768222e+07
TDC
QT Input Channel

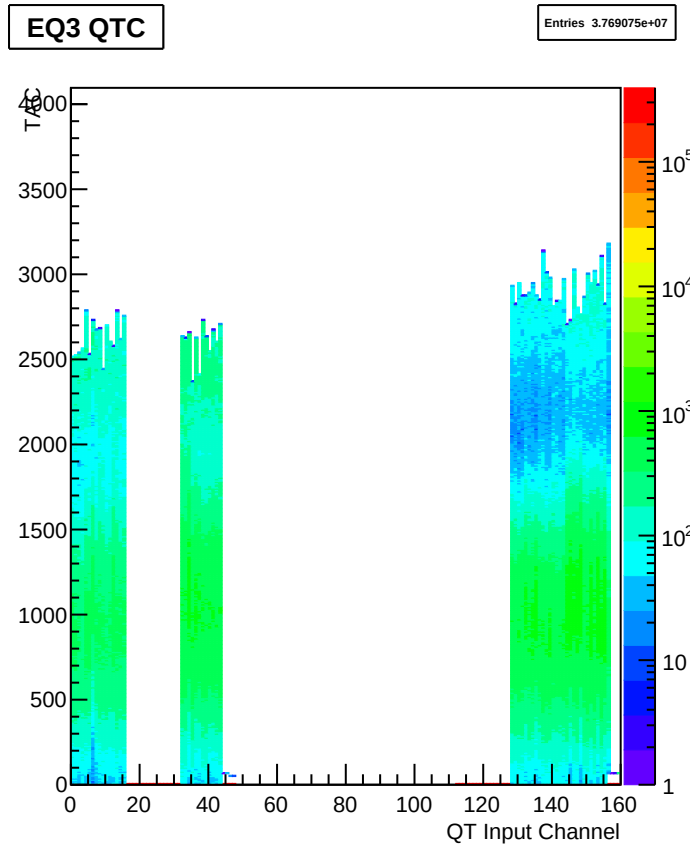

EQ2 QTC
Entries 3.769075e+07
ADC
QT Input Channel

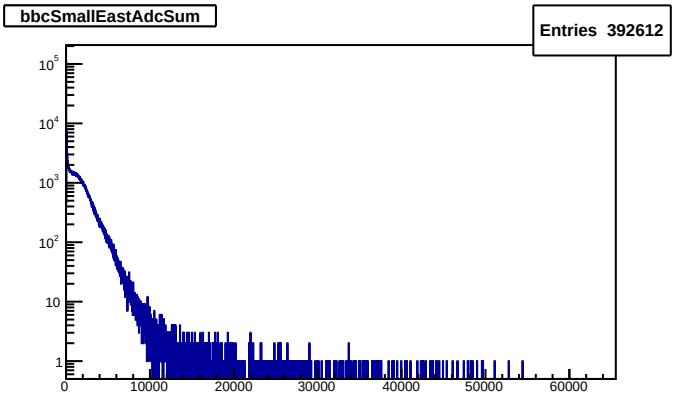

EQ2 QTC
Entries 3.769075e+07
TADC
QT Input Channel

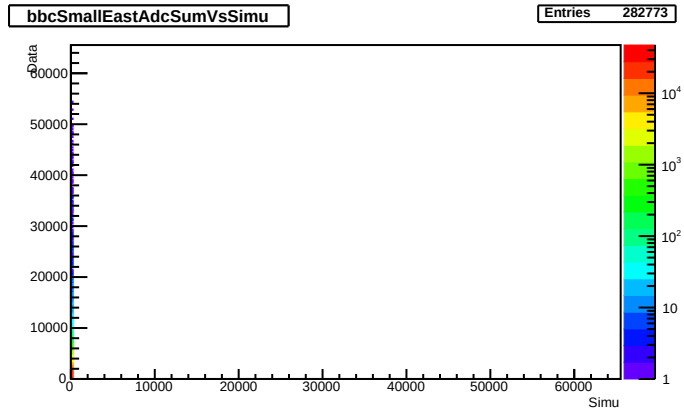

EQ3 QTB
Entries 1.005087e+08
ADC
QT Input Channel

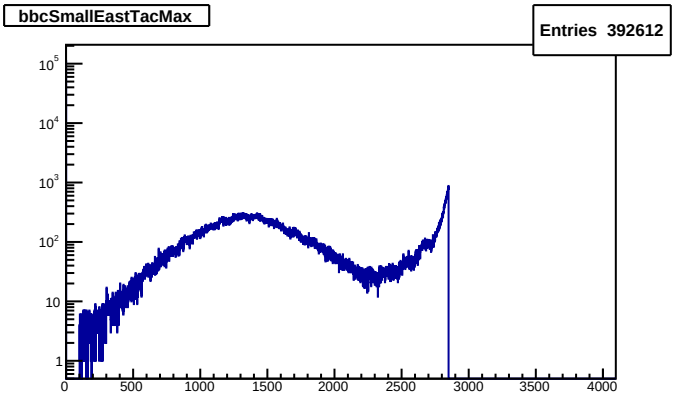

EQ3 QTB
Entries 3.086307e+07
TDC
QT Input Channel

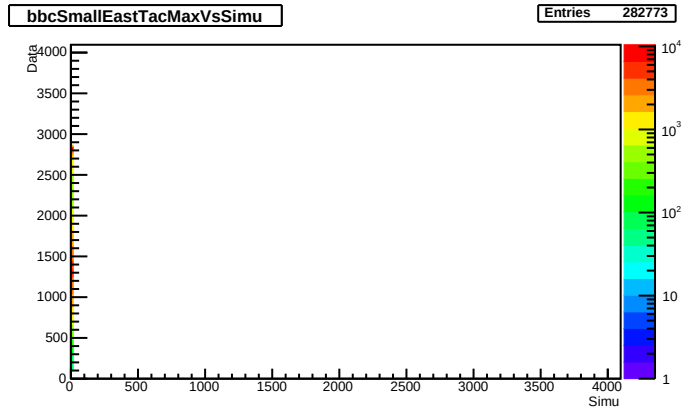

EQ3 QTC
Entries 3.769075e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.769075e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 392612


bbcSmallEastAdcSumVsSimu
Entries 282773
Data
Simu


bbcSmallEastTacMax
Entries 392612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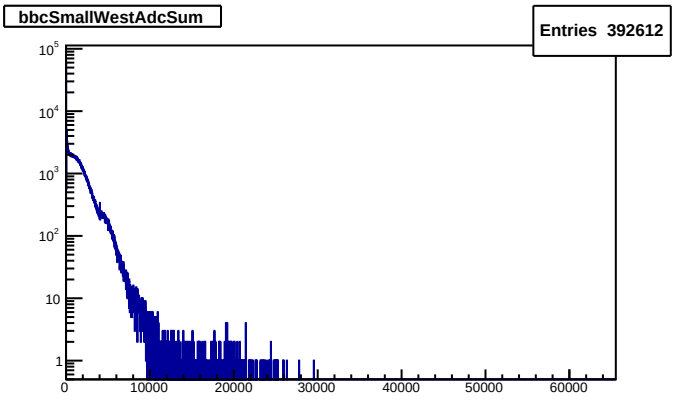
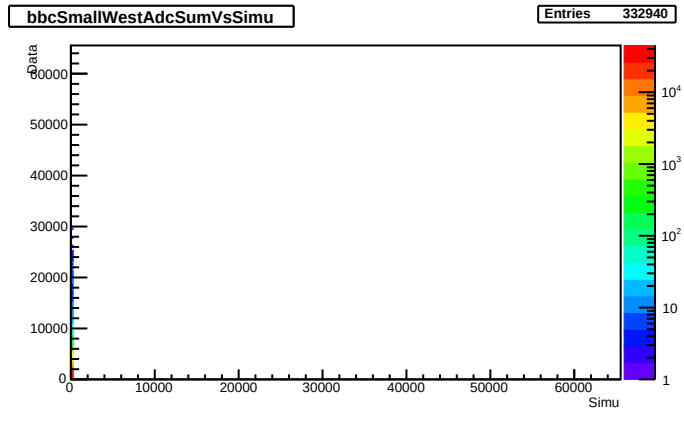
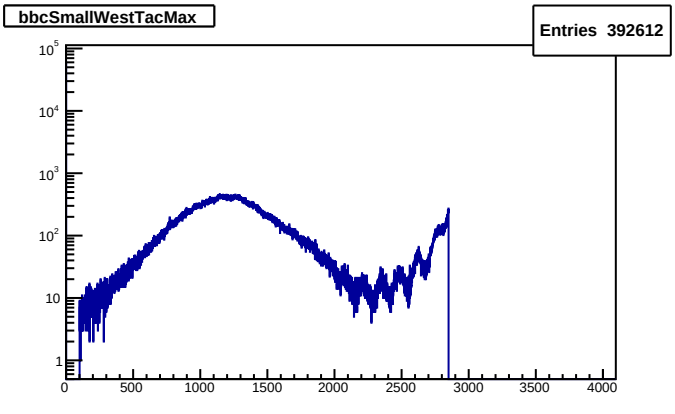
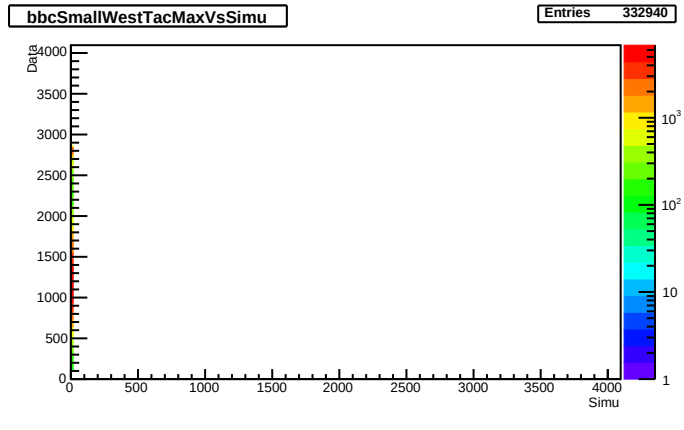
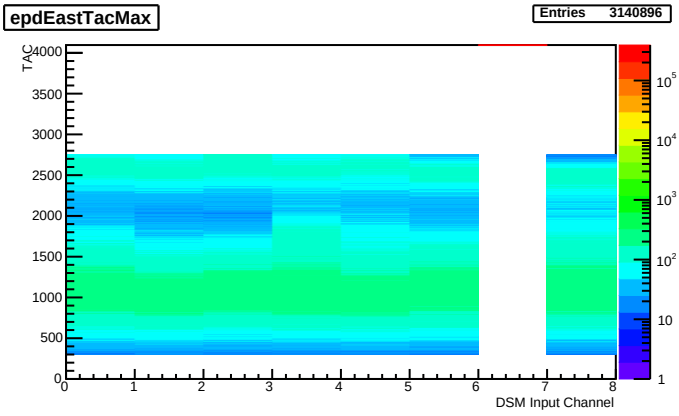
Entries 282773
Data
Simu

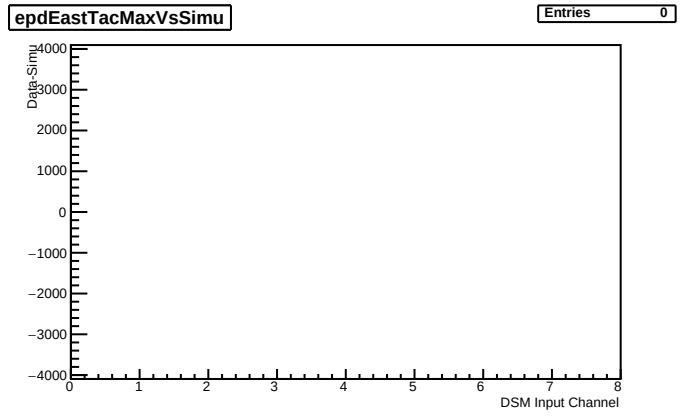

bbcSmallWestAdcSum
Entries 392612

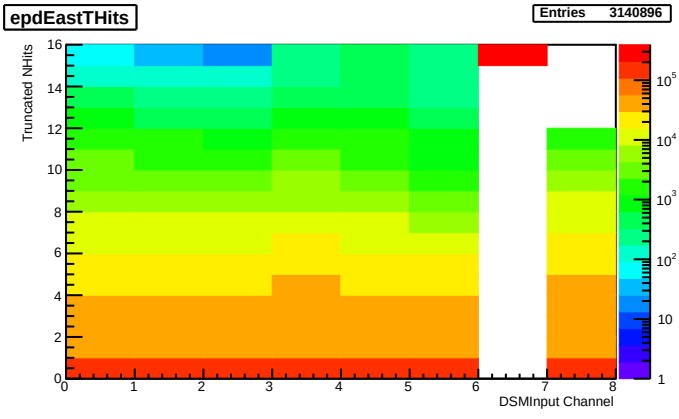

bbcSmallWestAdcSumVsSimu
Entries 332940
Data
Simu

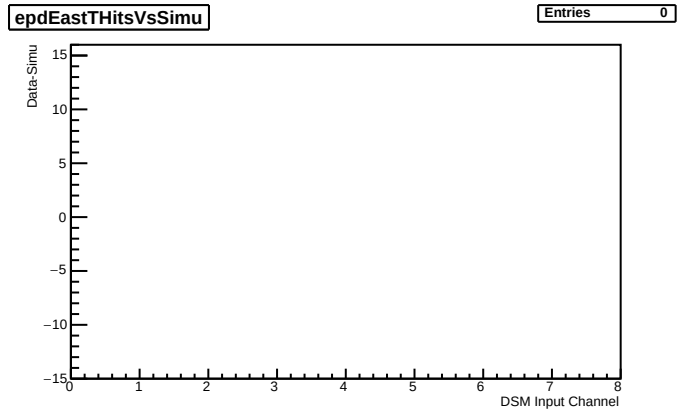

bbcSmallWestTacMax
Entries 392612

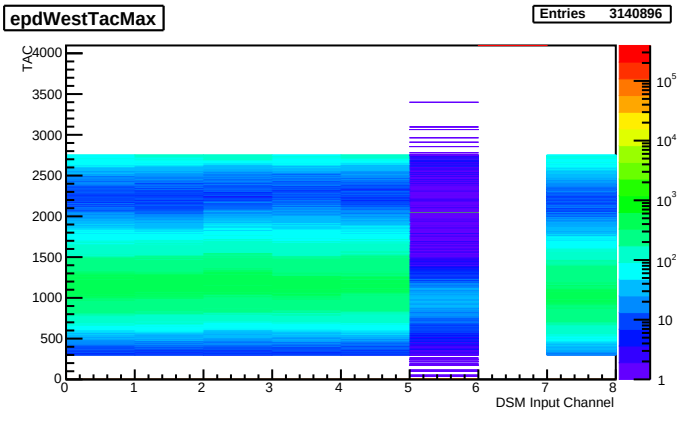

bbcSmallWestTacMaxVsSimu
Entries 332940
Data
Simu

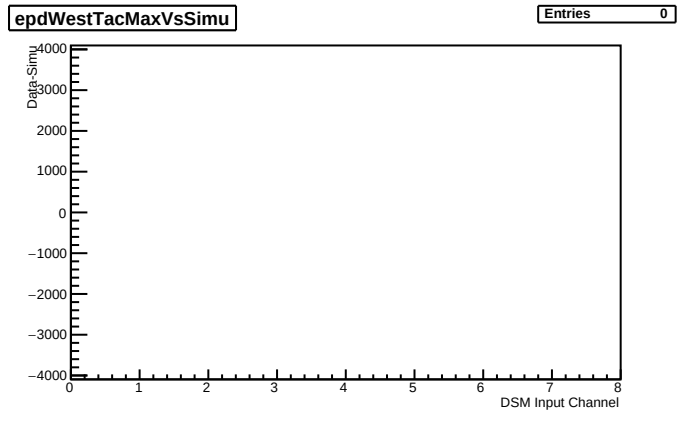

epdEastTacMax
Entries 3140896
TAC
DSM Input Channel

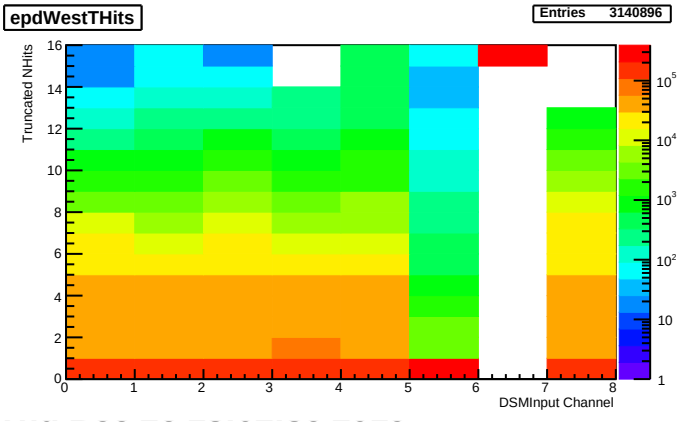

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

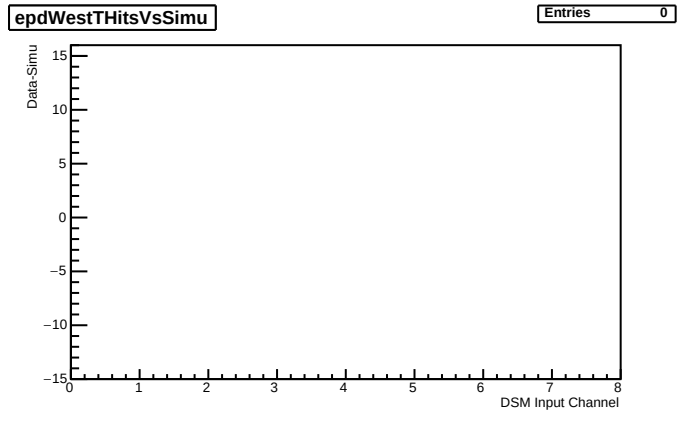

epdEastTHits
Entries 3140896
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3140896
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3140896
Truncated NHits
DSMInput Channel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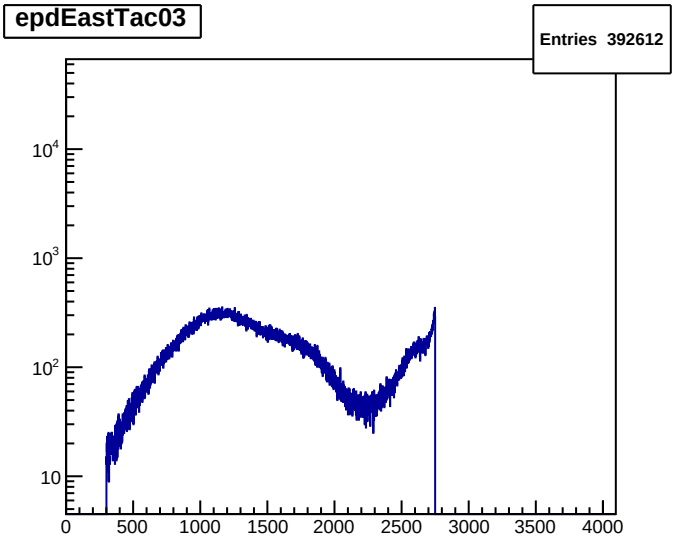
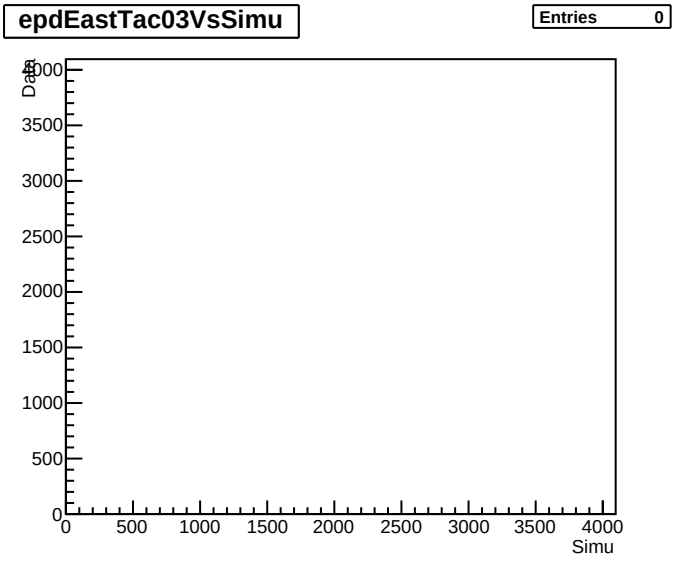
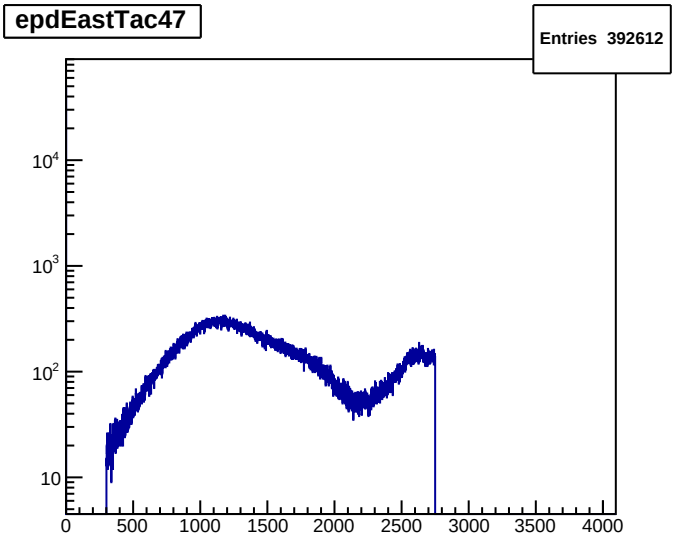
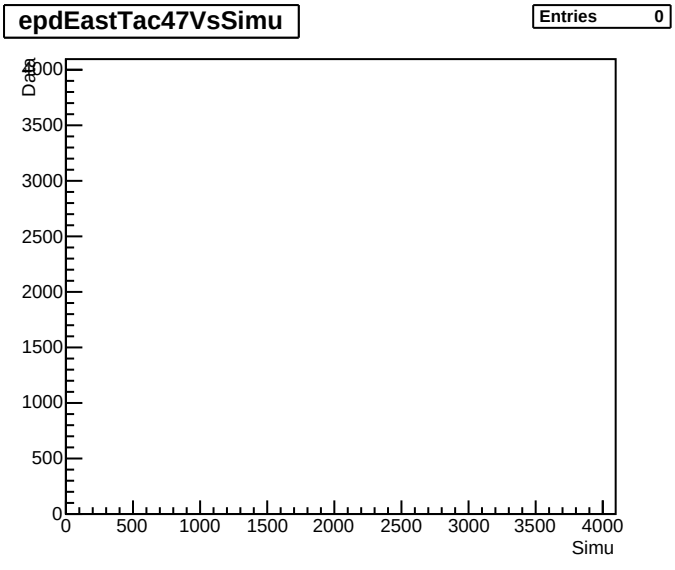
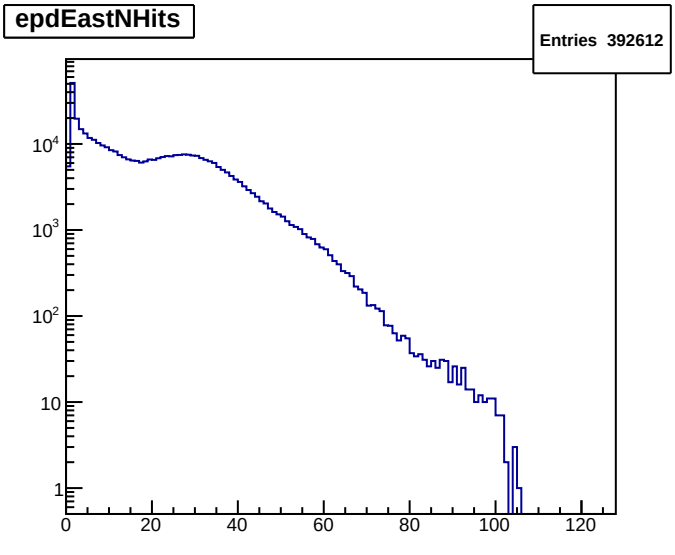
Entries 0
Data-Simu
DSM Input Channel

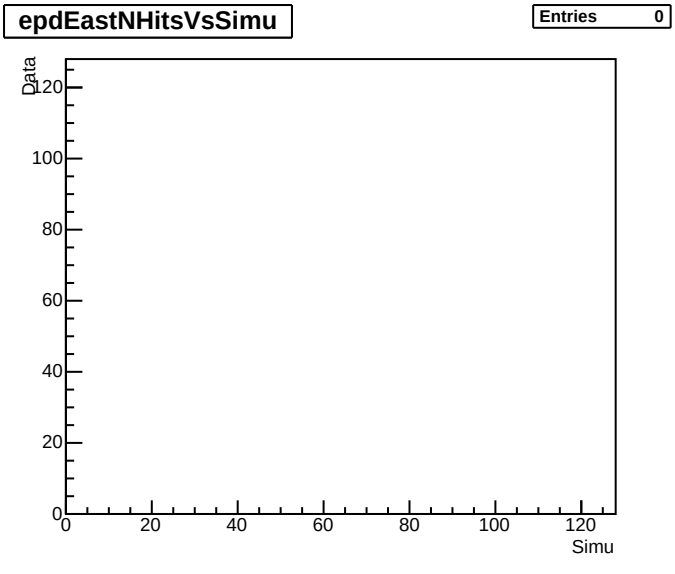

epdEastTac03
Entries 392612

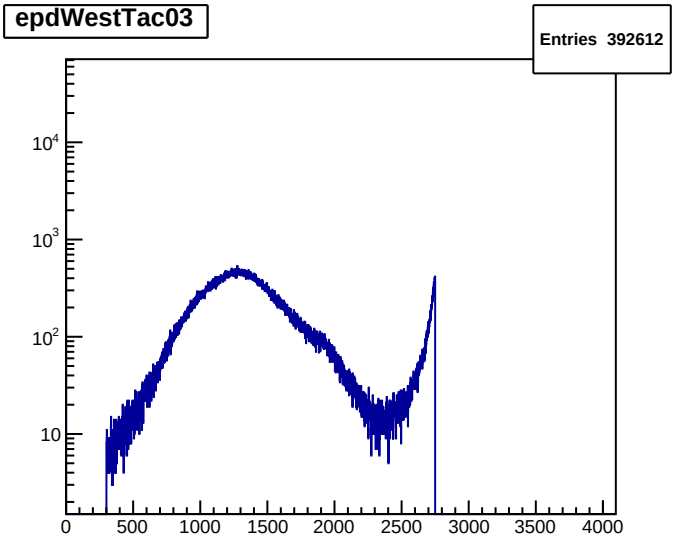

epdEastTac03VsSimu
Entries 0
Data
Simu

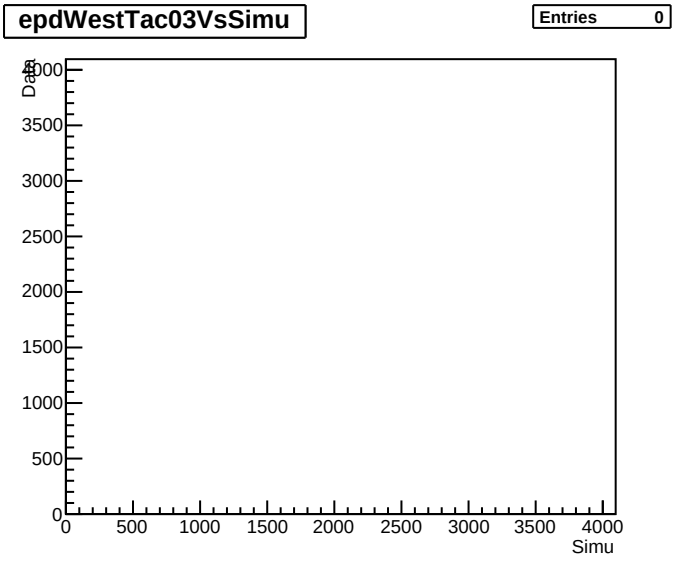

epdEastTac47
Entries 392612


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 392612


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 392612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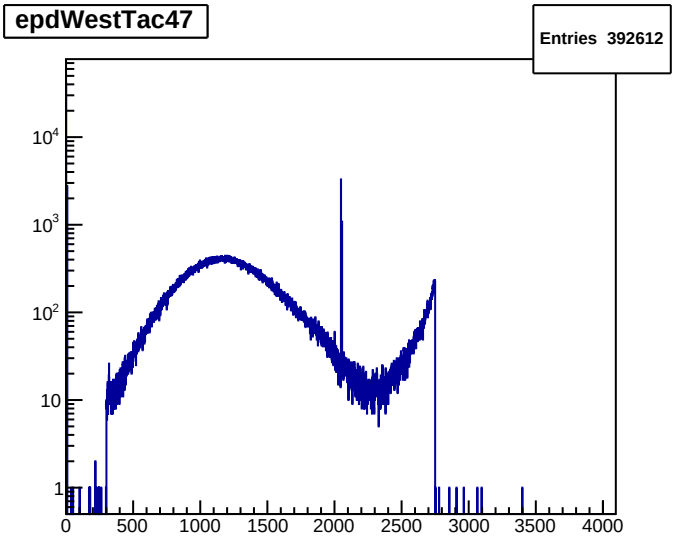
Entries 0
Data
Simu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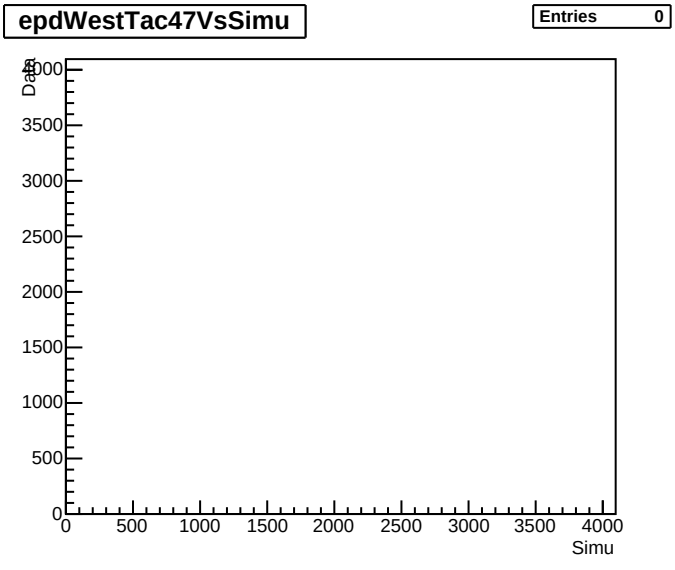
Entries 392612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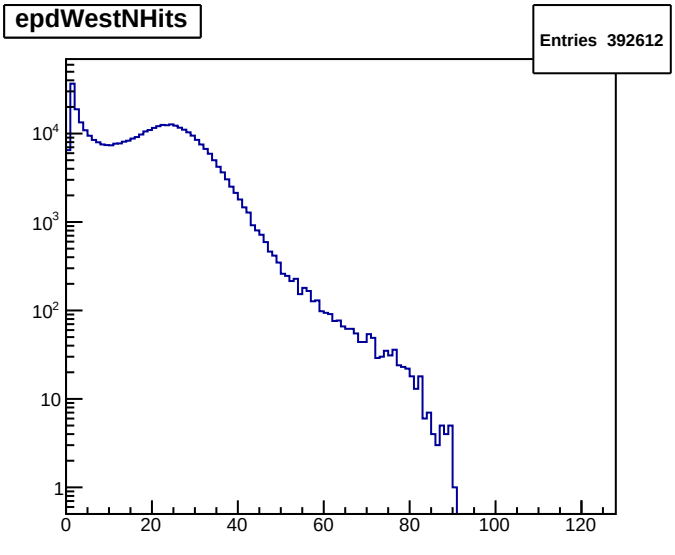
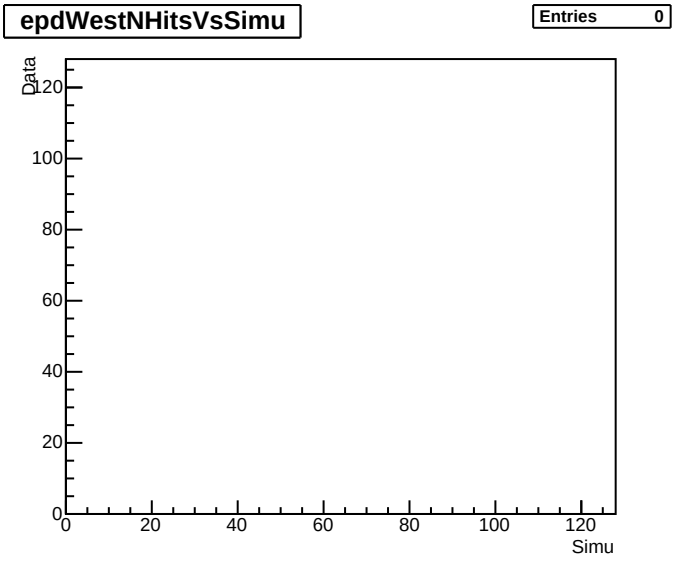
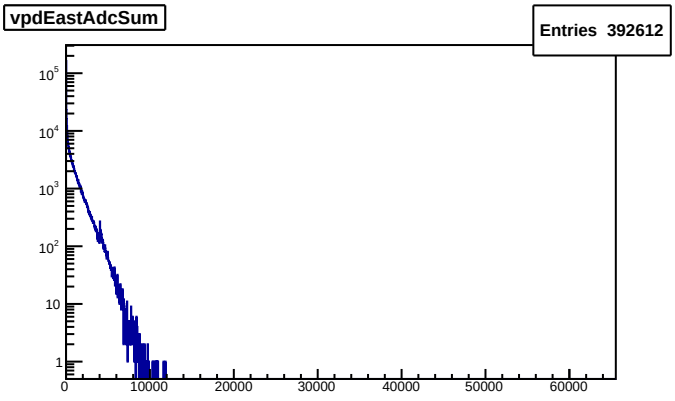
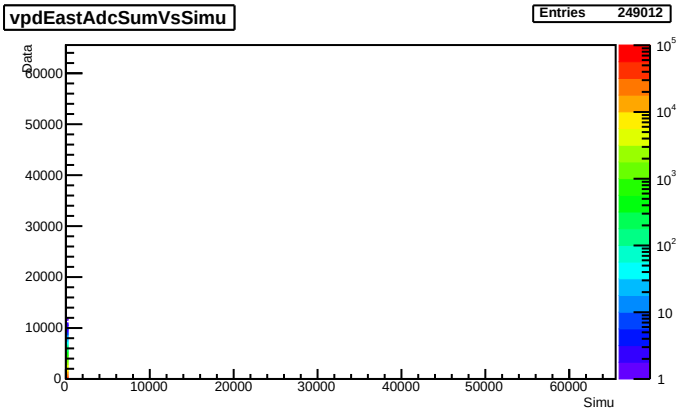
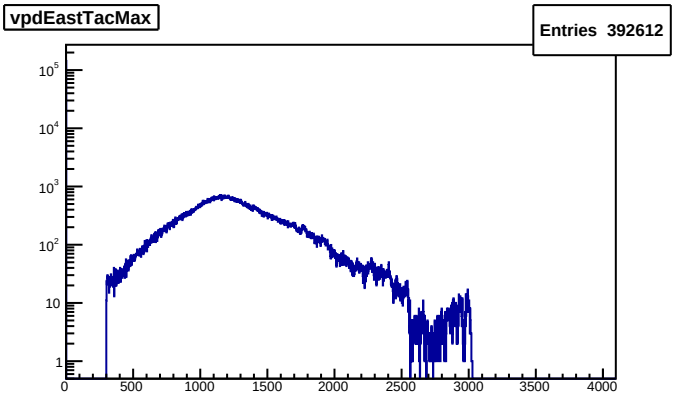
Entries 0
Data
Simu

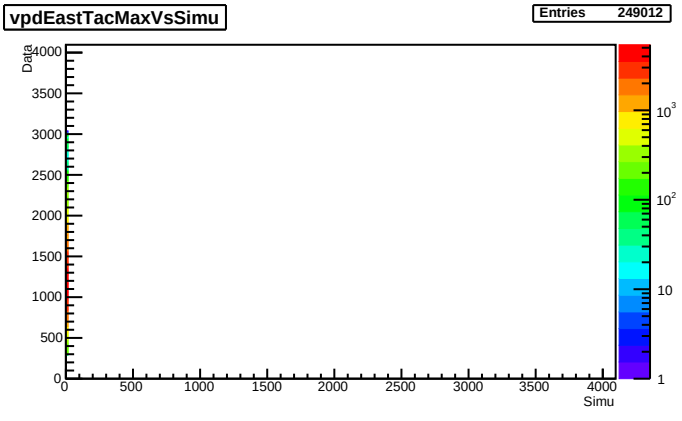

epdWestNHits
Entries 392612

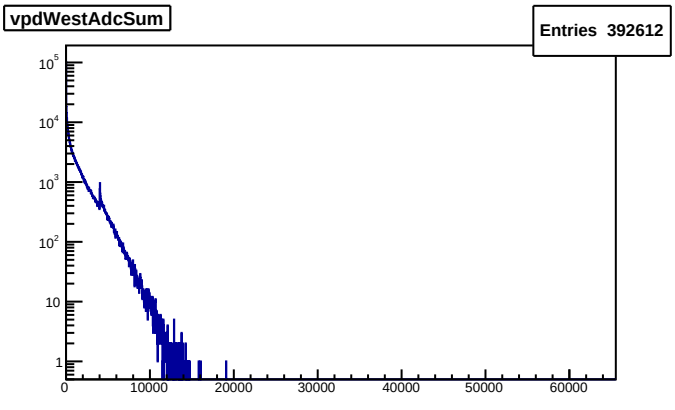

epdWestNHitsVsSimu
Entries 0
Data
Simu

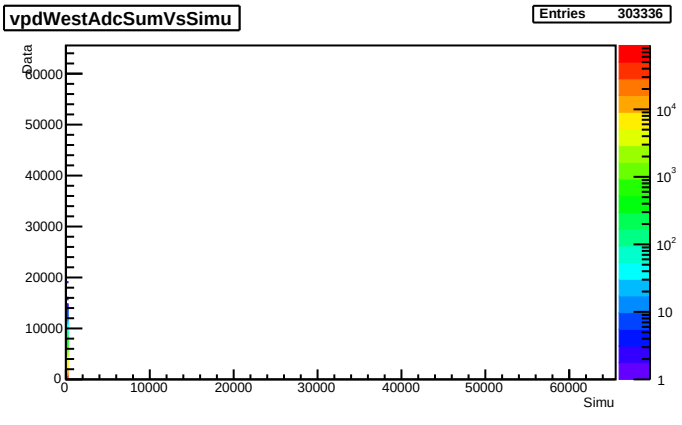

vpdEastAdcSum
Entries 392612

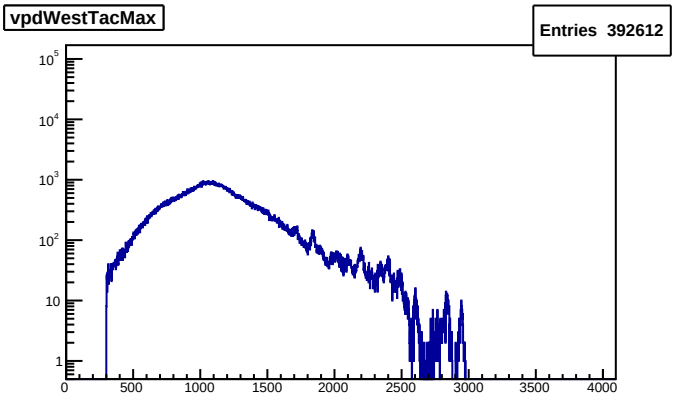

vpdEastAdcSumVsSimu
Entries 249012
Data
Simu

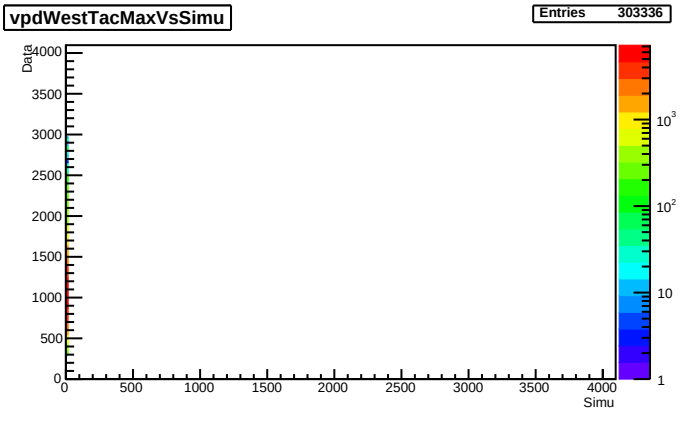

vpdEastTacMax
Entries 392612

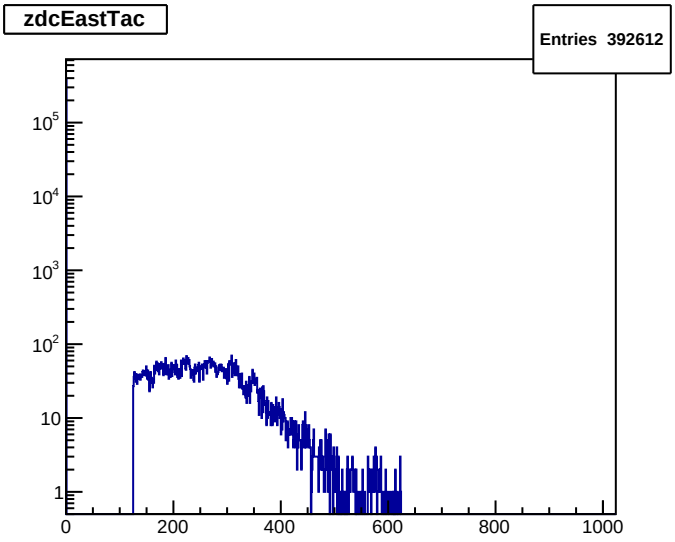

vpdEastTacMaxVsSimu
Entries 249012
Data
Simu

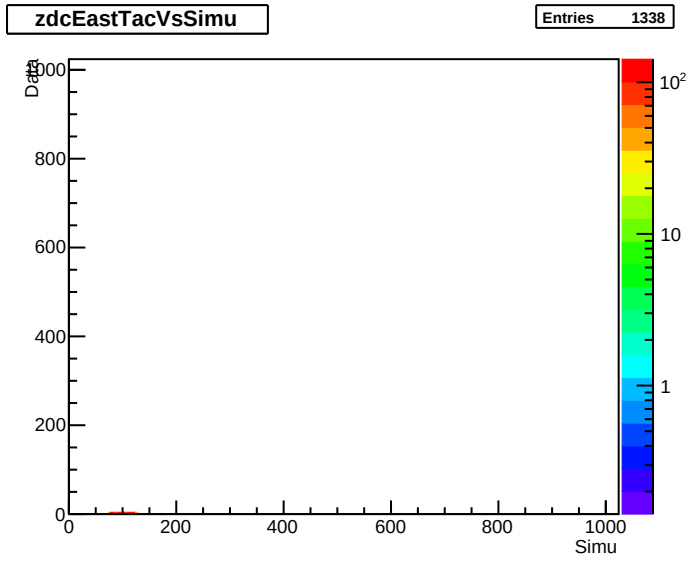

vpdWestAdcSum
Entries 392612

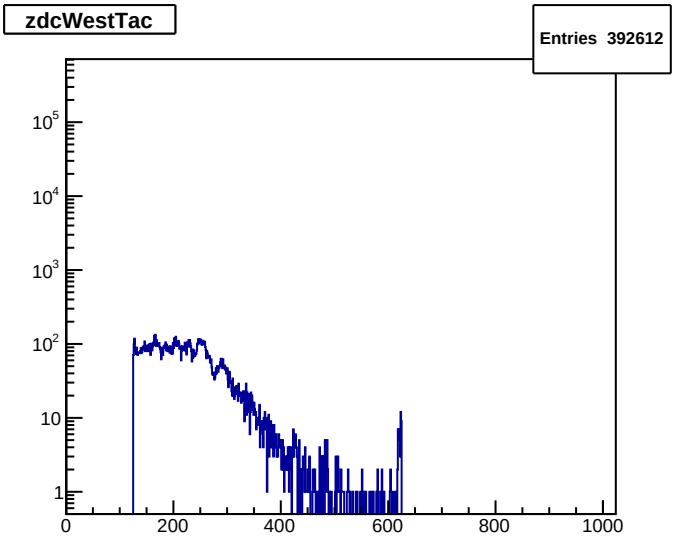

vpdWestAdcSumVsSimu
Entries 303336
Data
Simu

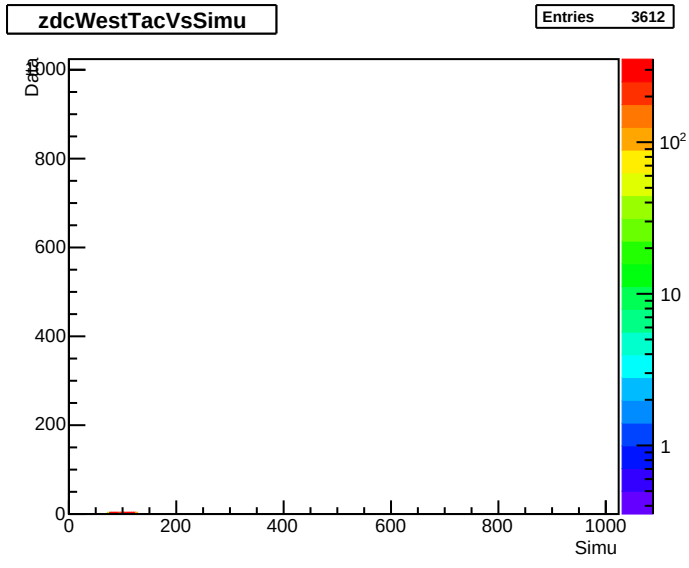

vpdWestTacMax
Entries 392612

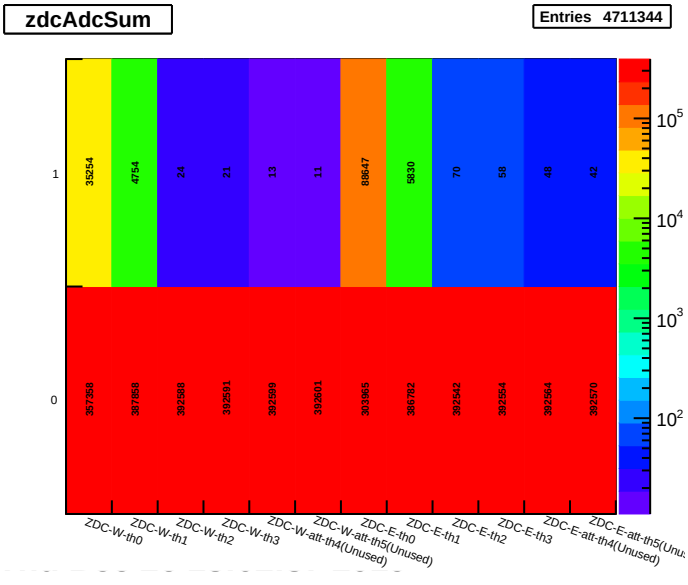

vpdWestTacMaxVsSimu
Entries 303336
Data
Simu

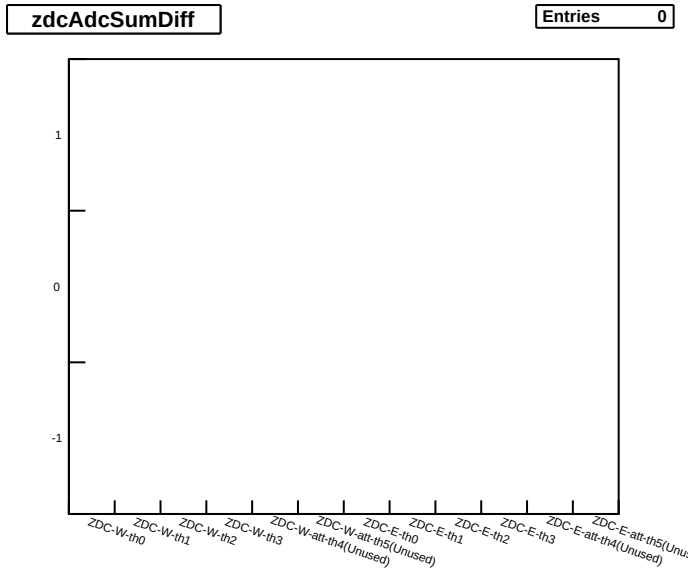

zdcEastTac
Entries 392612

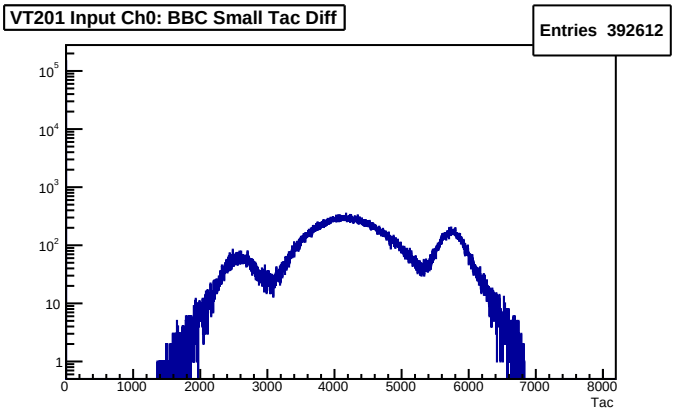

zdcEastTacVsSimu
Entries 1338
Data
Simu

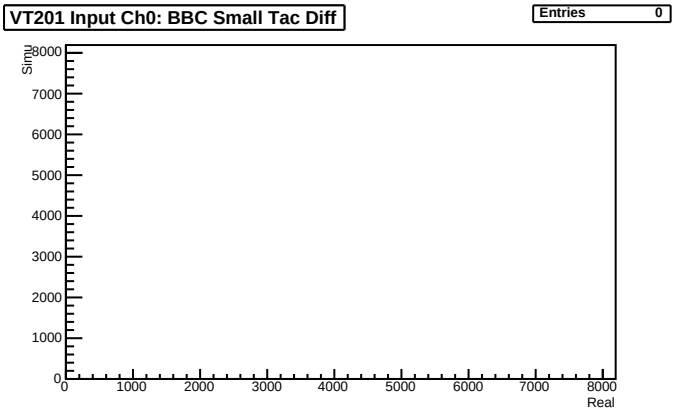

zdcWestTac
Entries 392612

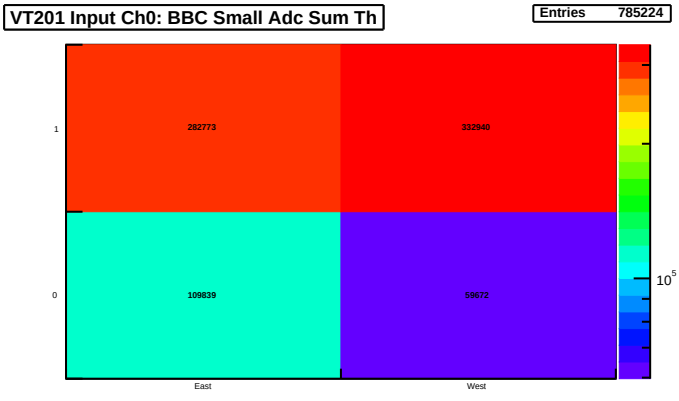

zdcWestTacVsSimu
Entries 3612
Data
Simu

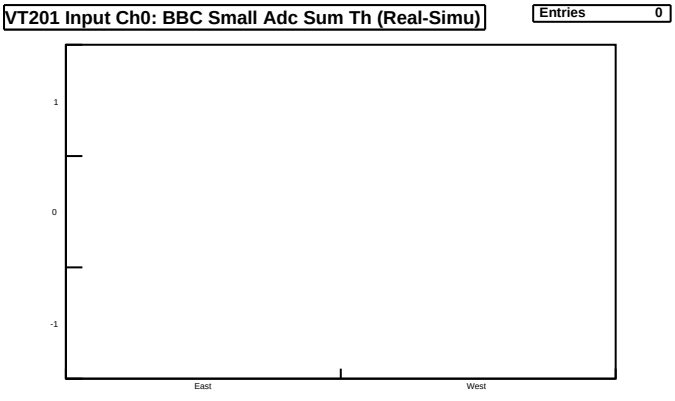

zdcAdcSum
Entries 4711344
35254
4754
24
21
13
11
88647
5830
70
58
48
42
357858
357858
392588
392591
392599
392601
303965
386782
392542
392554
392564
392570
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

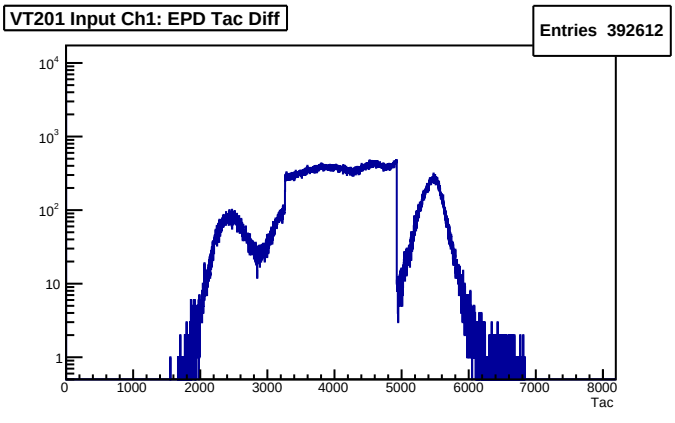

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

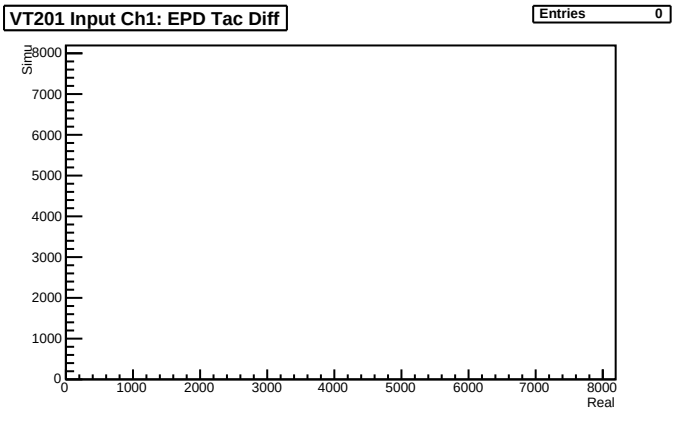

VT201 Input Ch0: BBC Small Tac Diff
Entries 392612
Tac

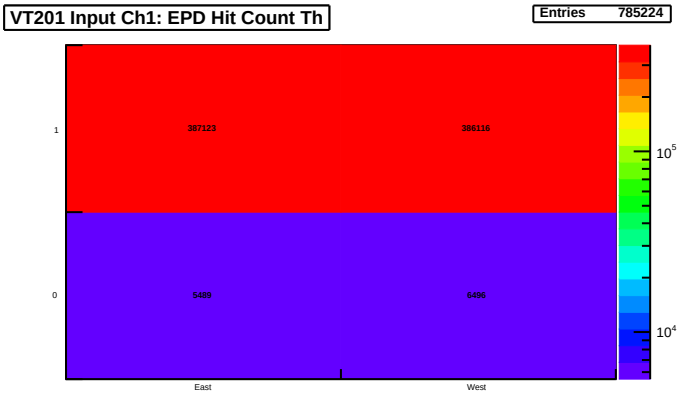

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

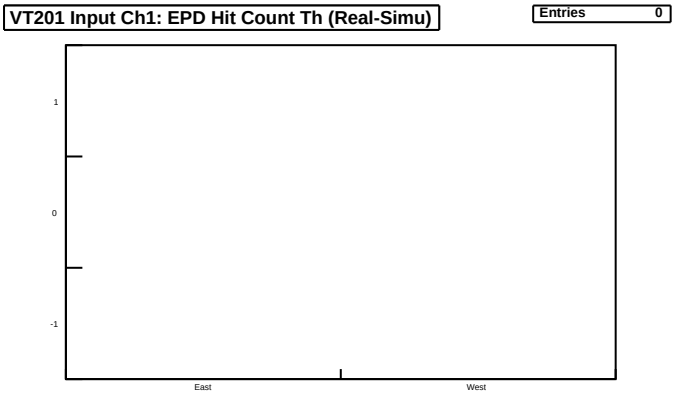

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 785224
282773
332940
109839
59672
East
West

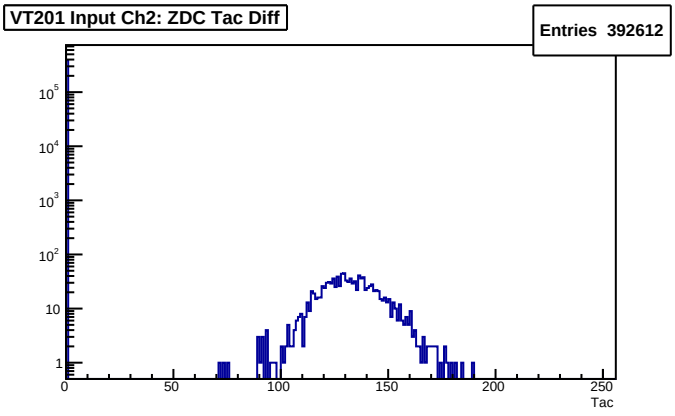

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

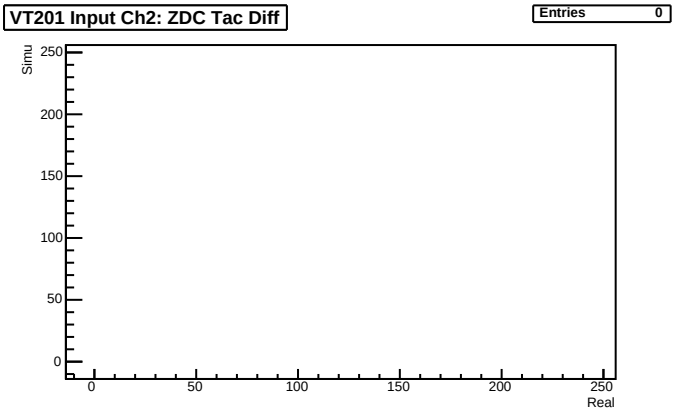

VT201 Input Ch1: EPD Tac Diff
Entries 392612
Tac

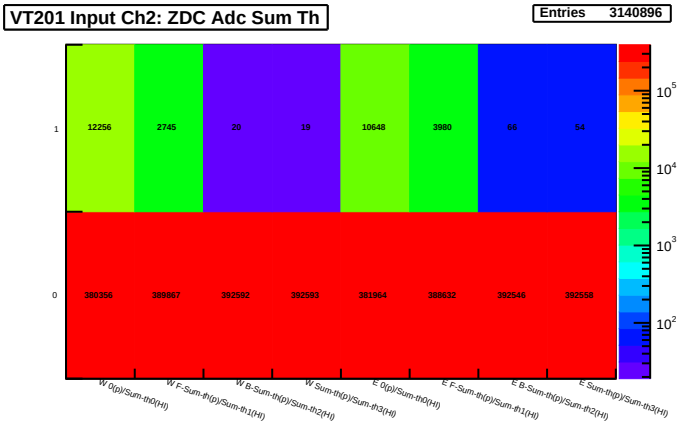

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

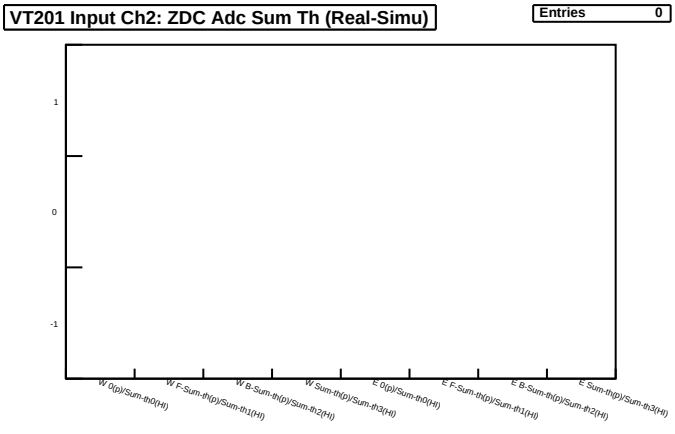

VT201 Input Ch1: EPD Hit Count Th
Entries 785224
387123
386116
5489
6496
East
West

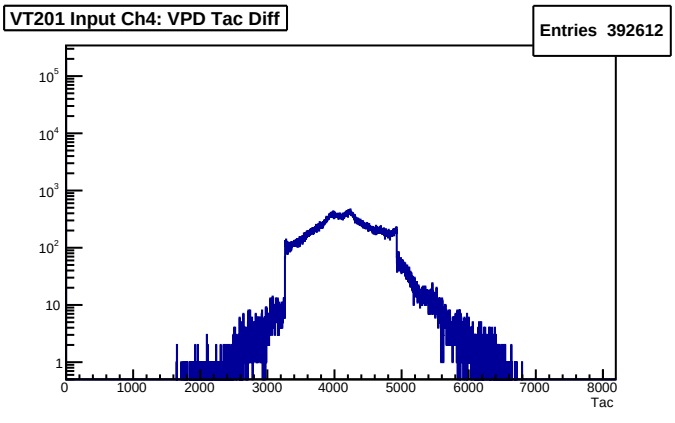

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

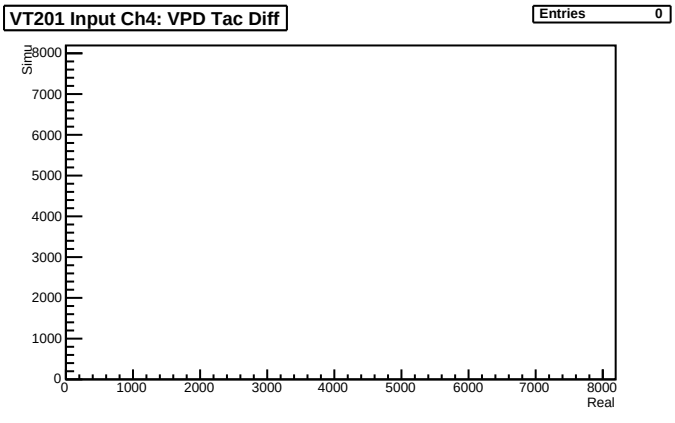

VT201 Input Ch2: ZDC Tac Diff
Entries 392612
Tac

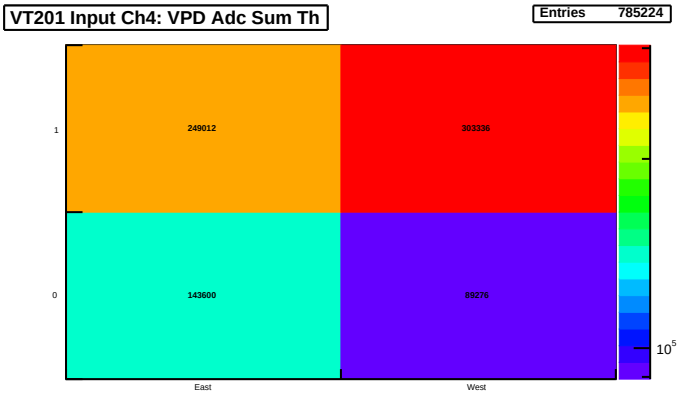

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

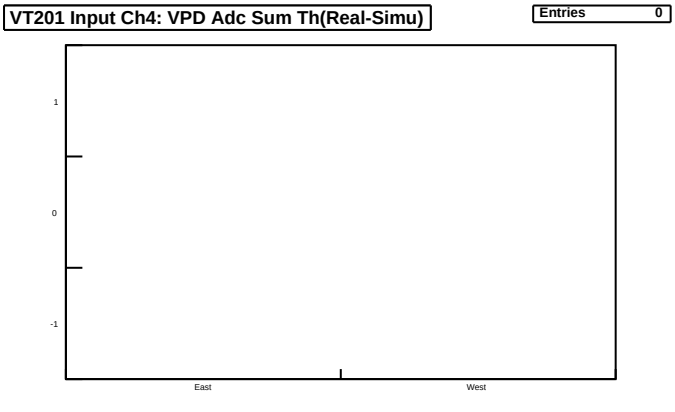

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3140896
12256
2745
20
19
10648
3980
66
54
380356
389867
392592
392593
381964
388632
392546
392558
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

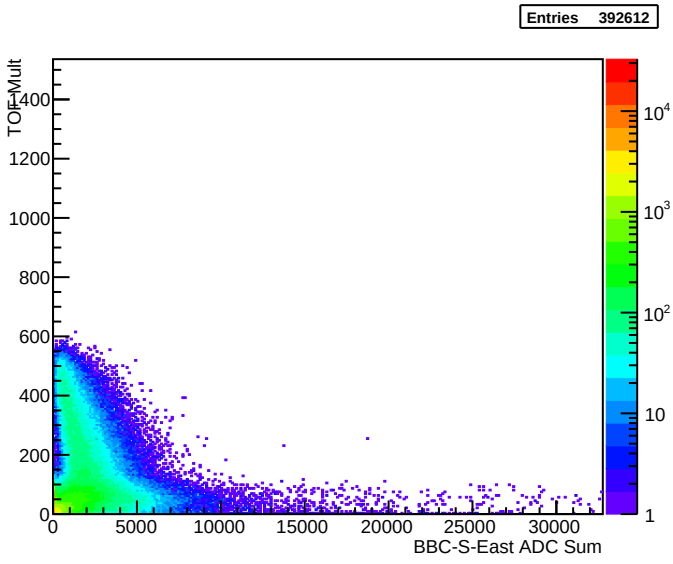

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

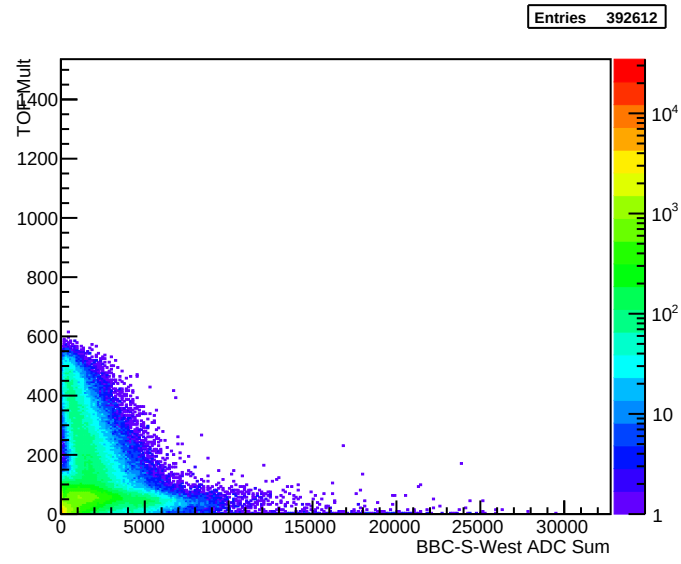

VT201 Input Ch4: VPD Tac Diff
Entries 392612
Tac

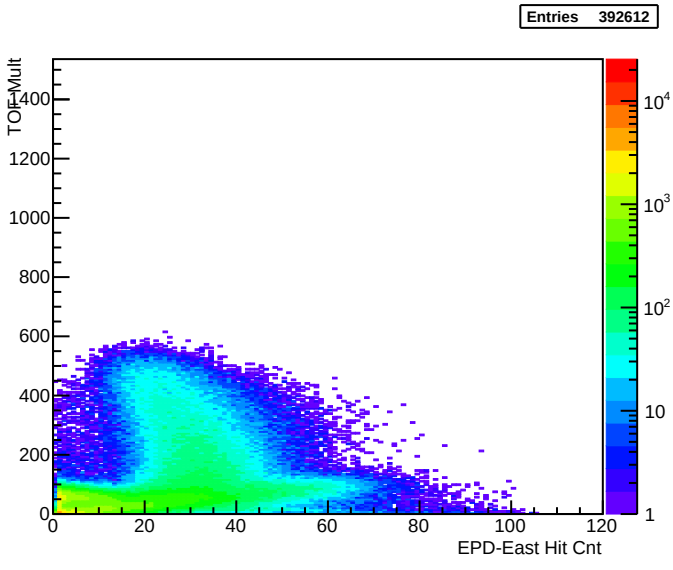

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

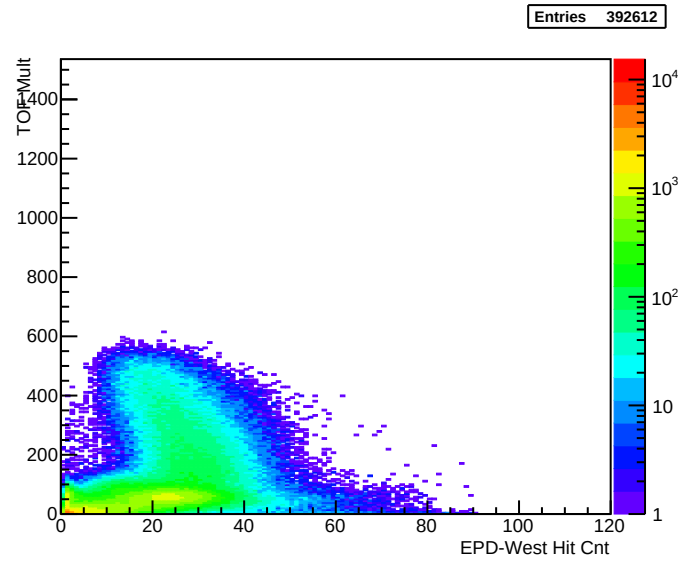

VT201 Input Ch4: VPD Adc Sum Th
Entries 785224
249012
303336
143600
89276
East
West

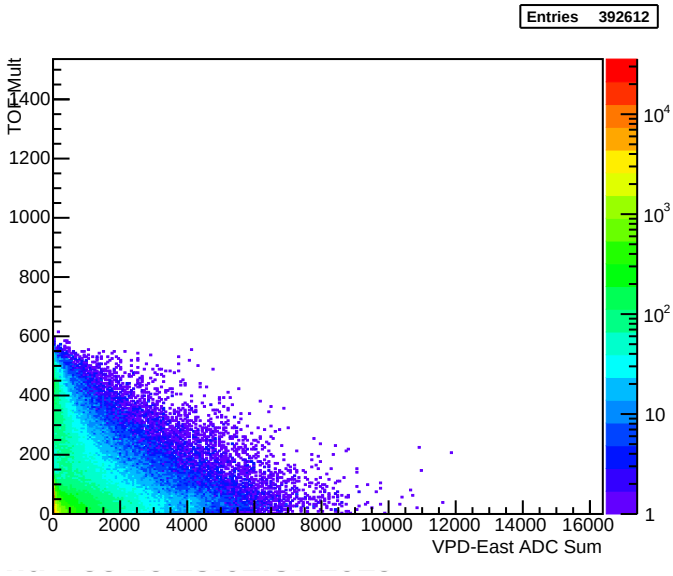

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

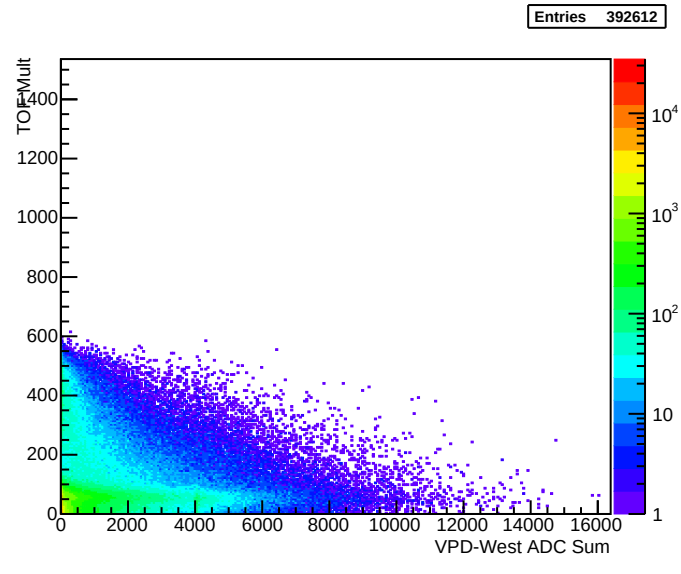

Entries 392612
TOF-Mult
BBC-S-East ADC Sum

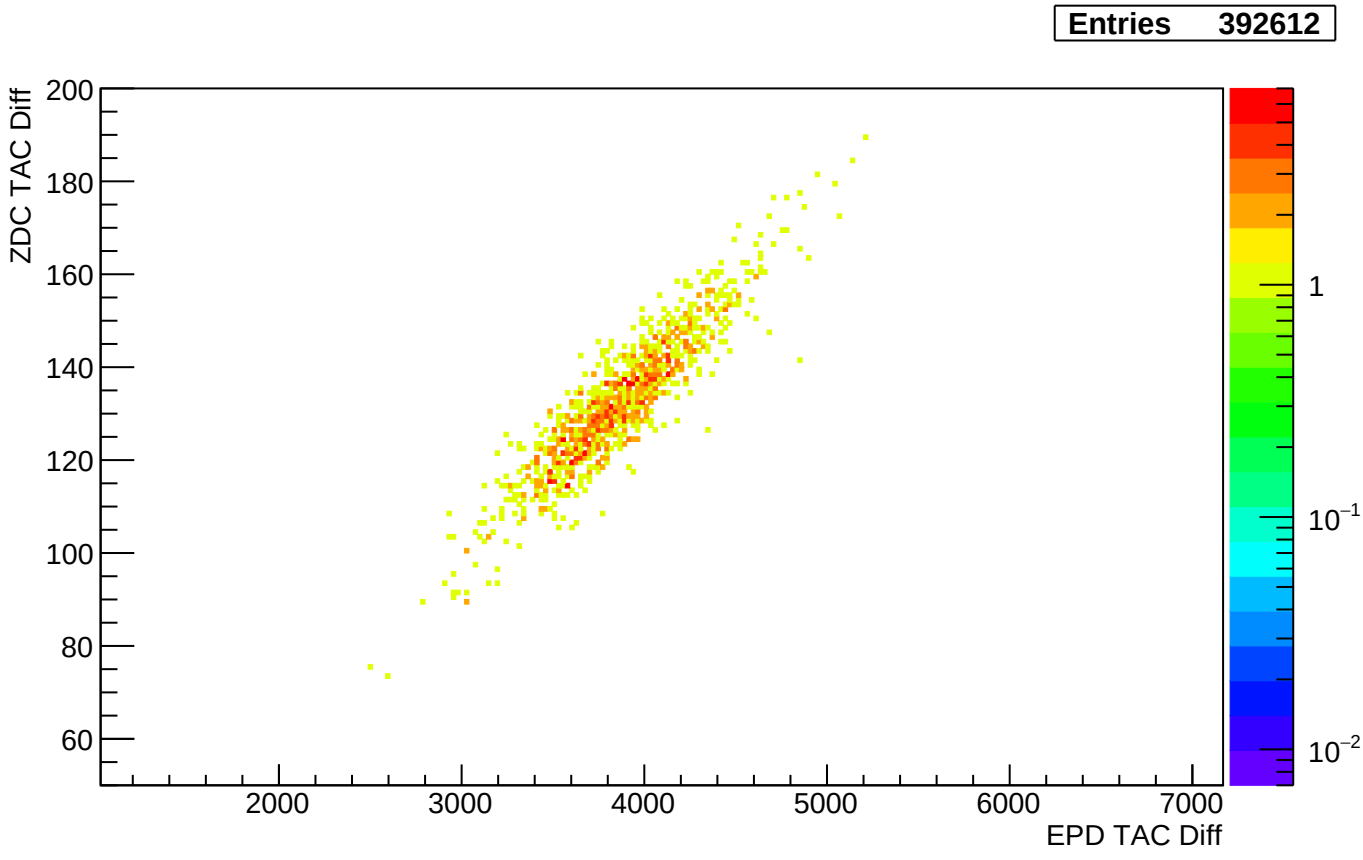

Entries 392612
TOF-Mult
BBC-S-West ADC Sum

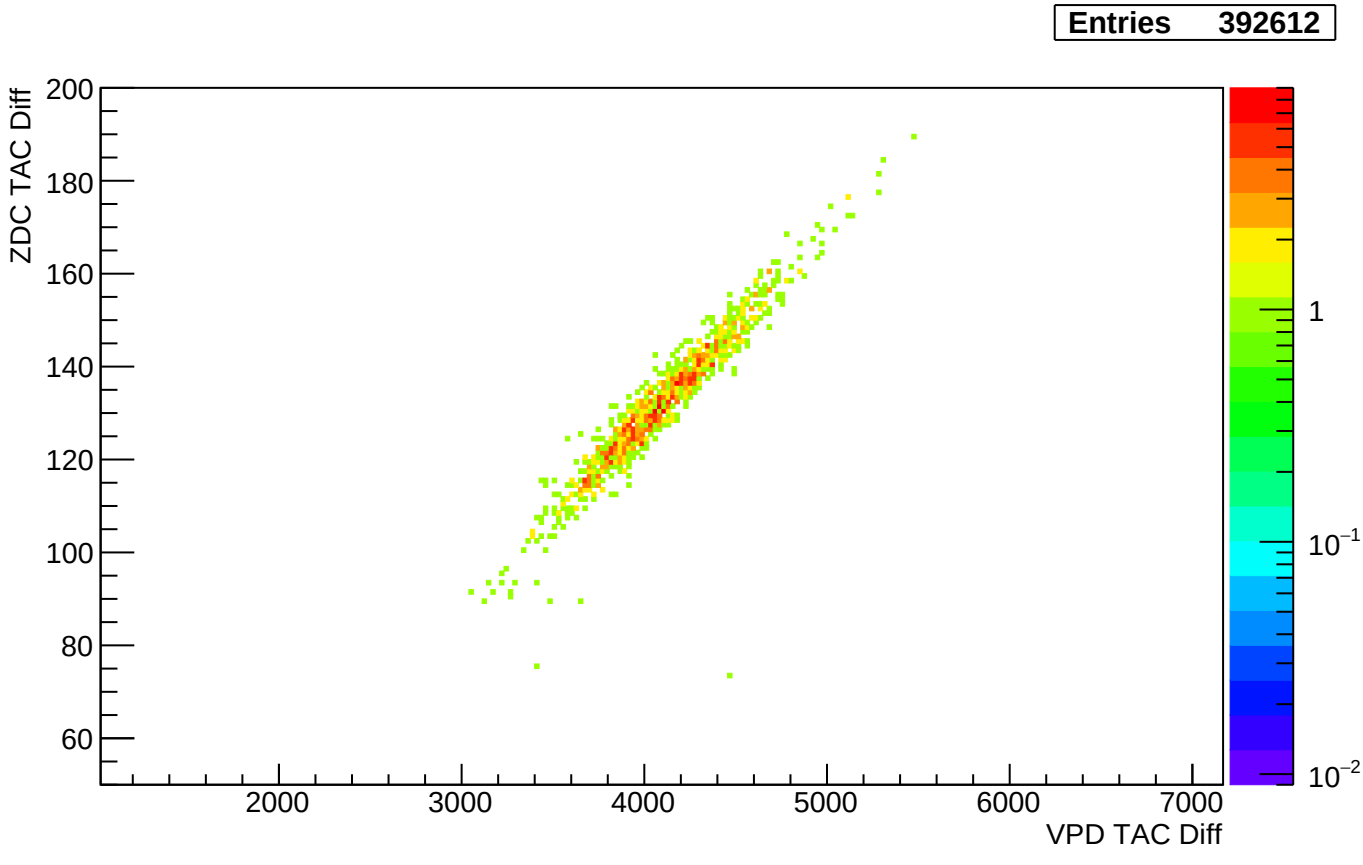

Entries 392612
TOF-Mult
EPD-East Hit Cnt

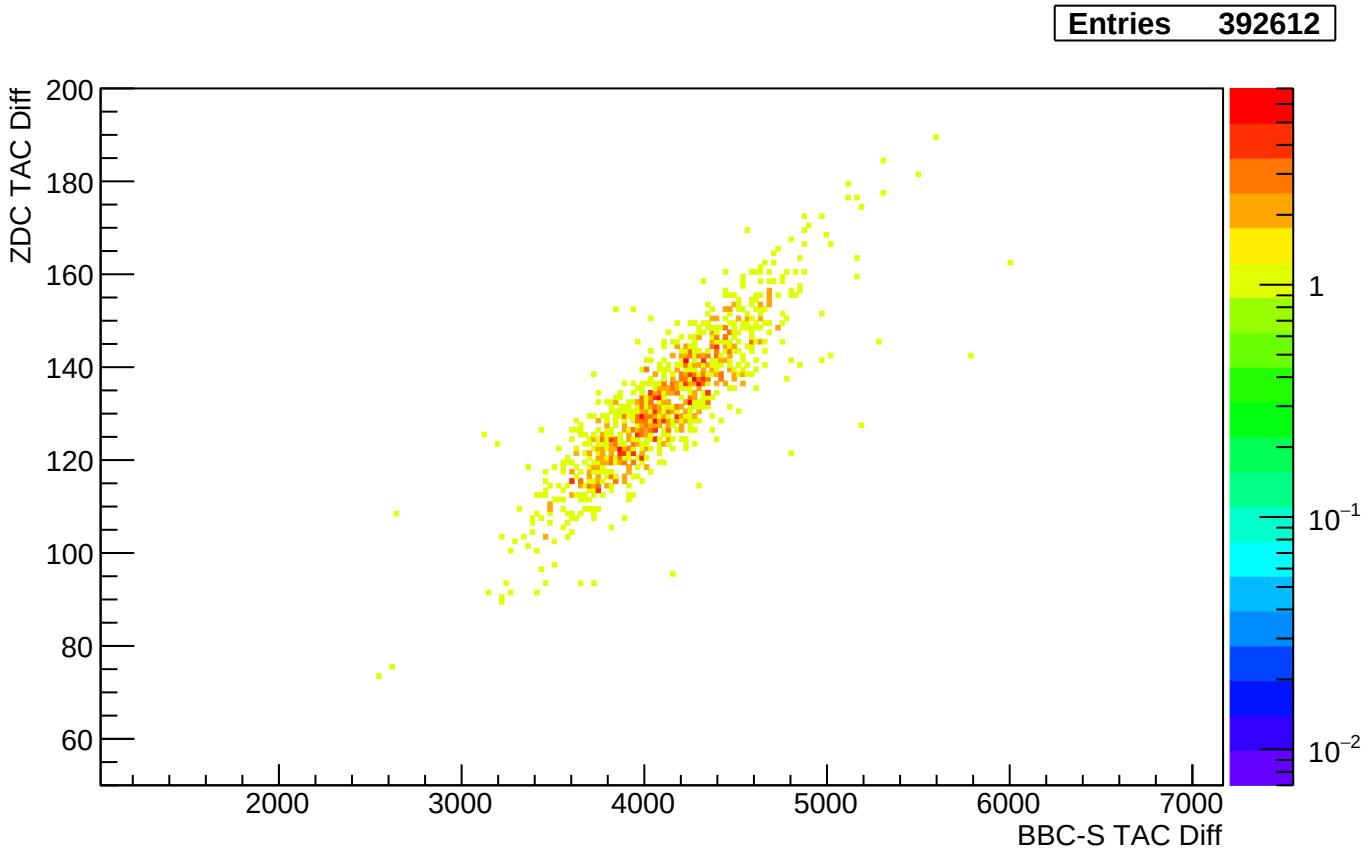

Entries 392612
TOF-Mult
EPD-West Hit Cnt

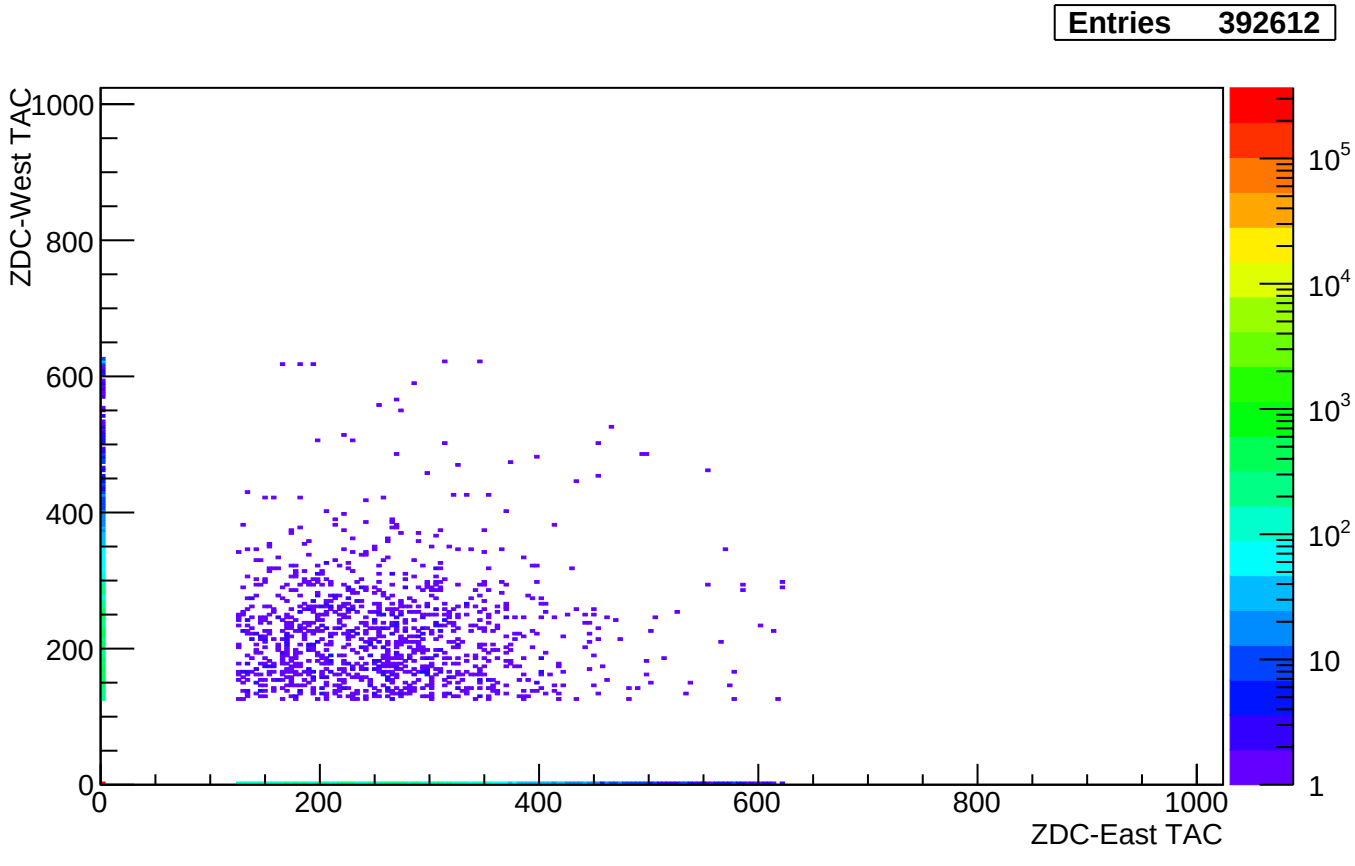

Entries 392612
TOF-Mult
VPD-East ADC Sum

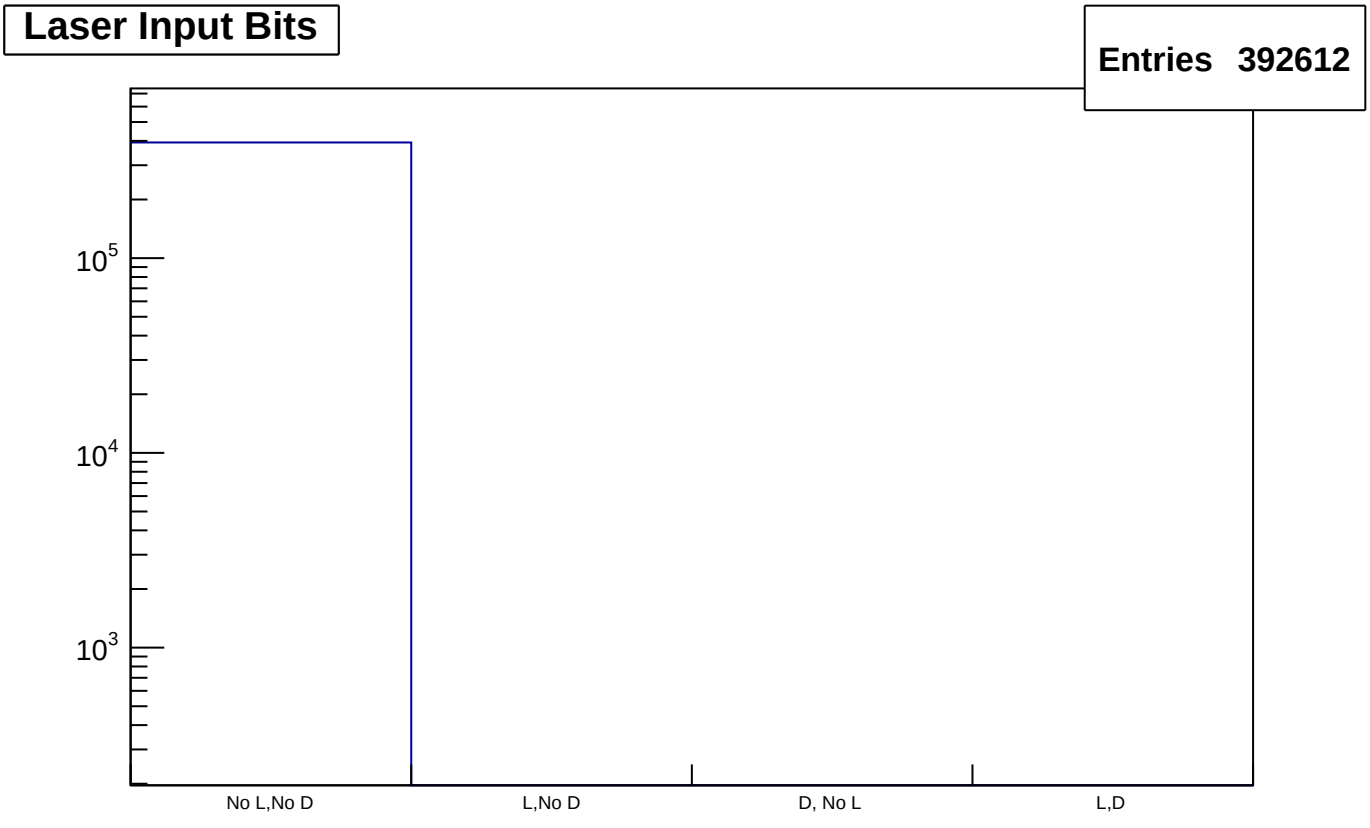

Entries 392612
TOF-Mult
VPD-West ADC Sum

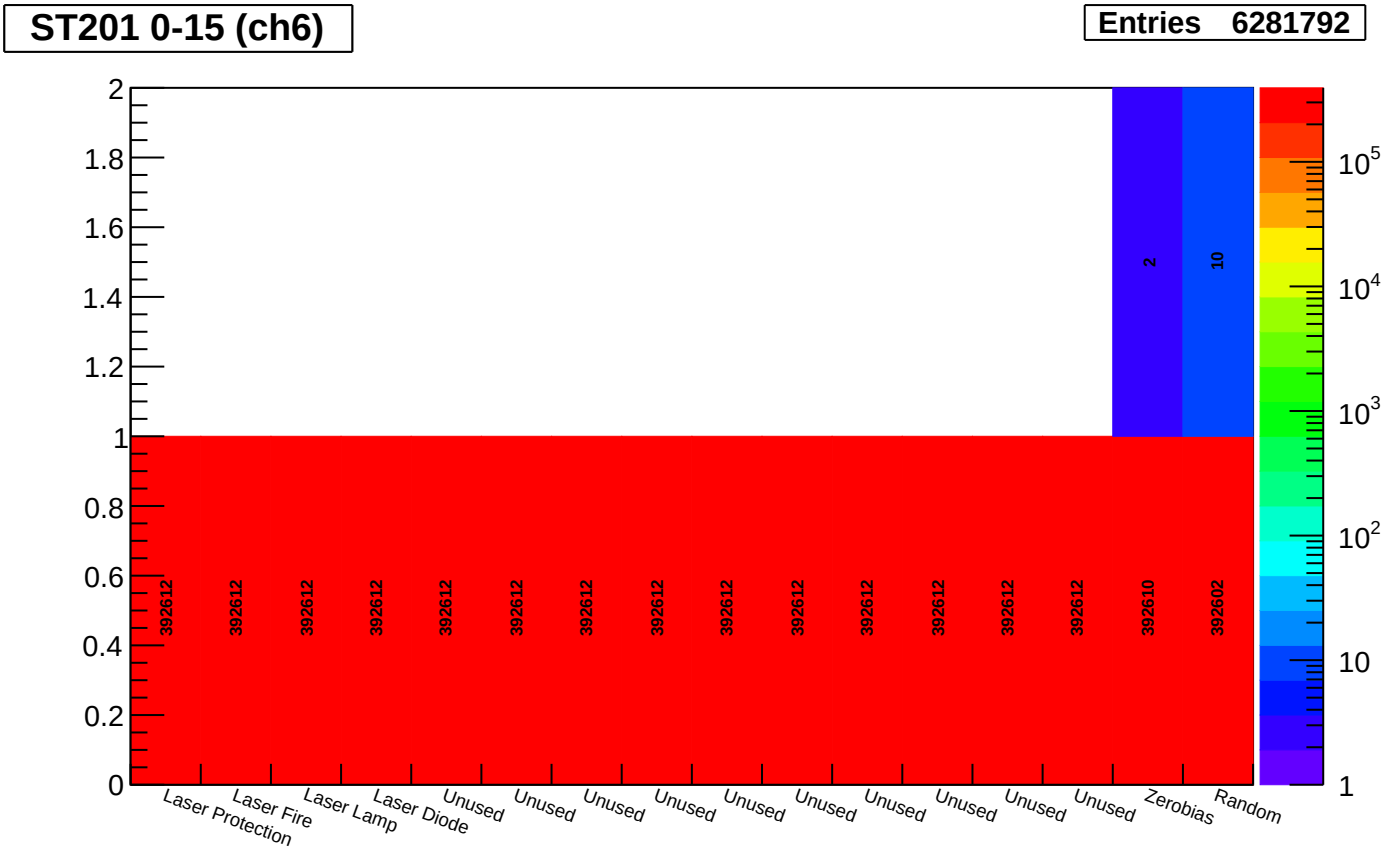

Entries 392612
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

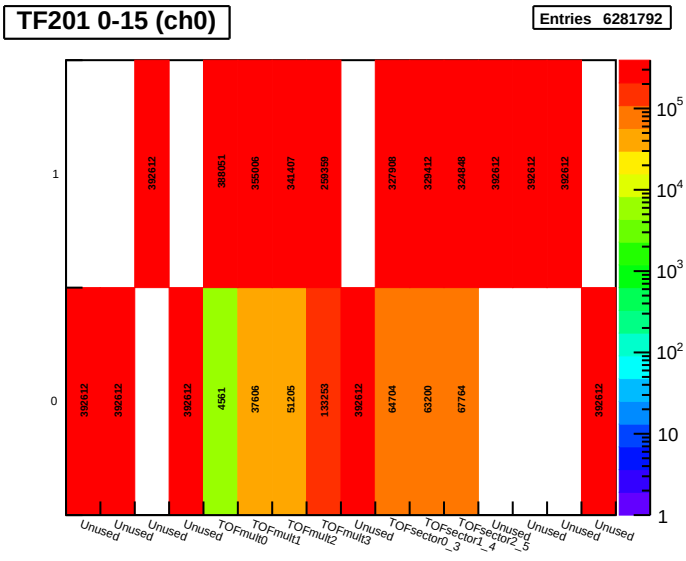

Entries 392612
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

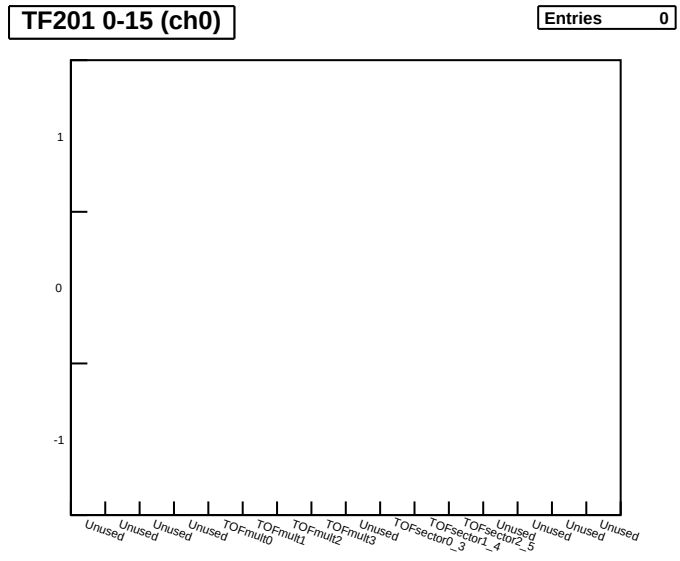

Entries 392612
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

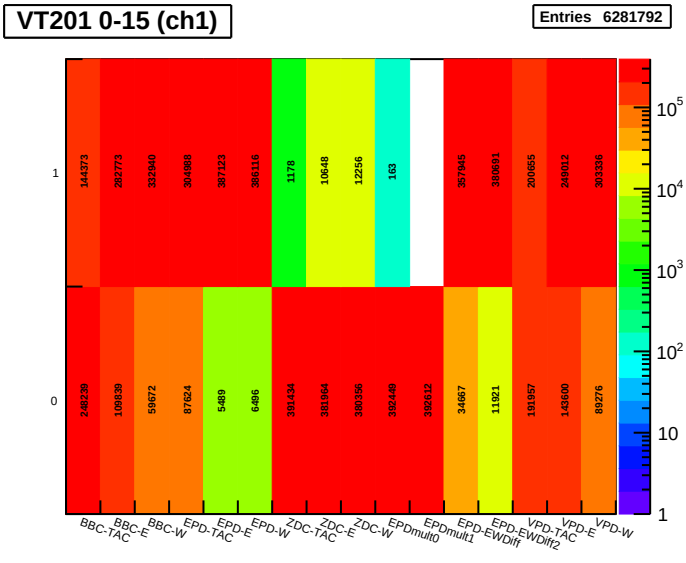

Entries 392612
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

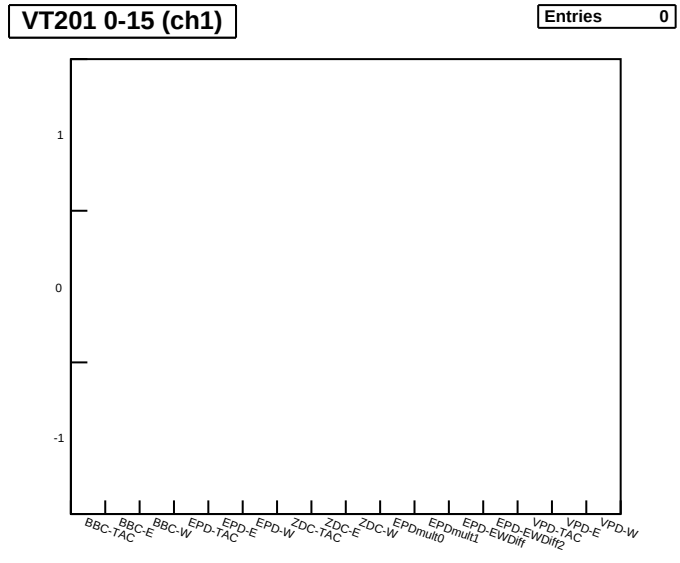

Laser Input Bits
Entries 392612
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

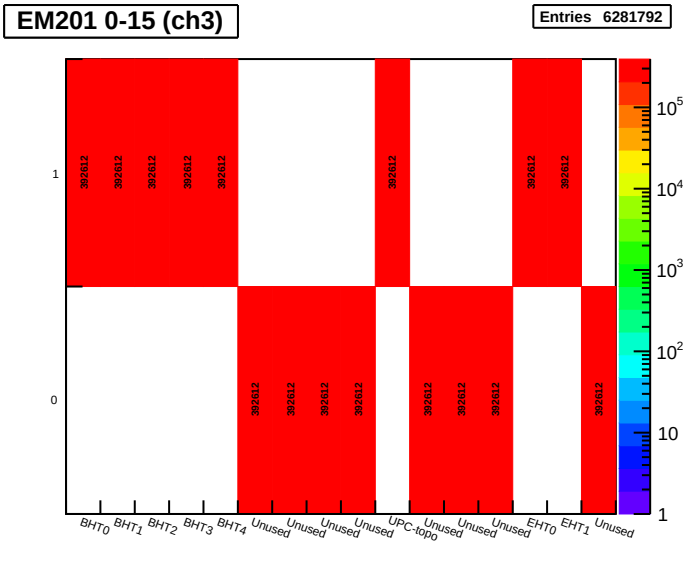

ST201 0-15 (ch6)
Entries 6281792
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
392612
392612
392612
392612
392612
392612
392612
392612
392612
392612
392612
392612
392612
392612
392610
392602
2
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

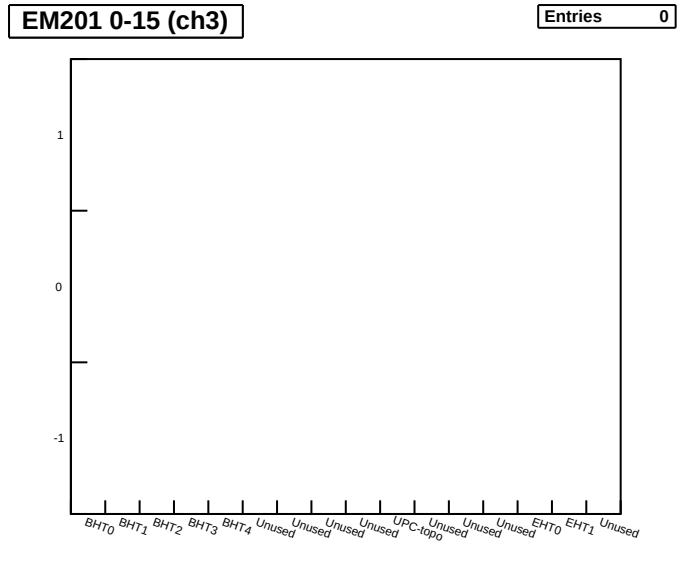

TF201 0-15 (ch0)
Entries 6281792
1
0
392612 392612 392612 392612 388651 355006 341407 299359 327908 329412 324848 392612 392612 392612
392612 392612 392612 4561 37606 51205 133253 392612 64704 63200 67764 392612
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 6281792
1
0
144373 282773 332940 304988 367123 386116 1178 10648 12256 163 357945 380691 200655 249012 303336
248239 109839 59672 87624 5489 6496 391434 381964 380356 392449 392612 34667 11921 191957 143600 89276
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 6281792
1
0
392612 392612 392612 392612 392612 392612 392612 392612 392612
392612 392612 392612 392612 392612 392612 392612 392612
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