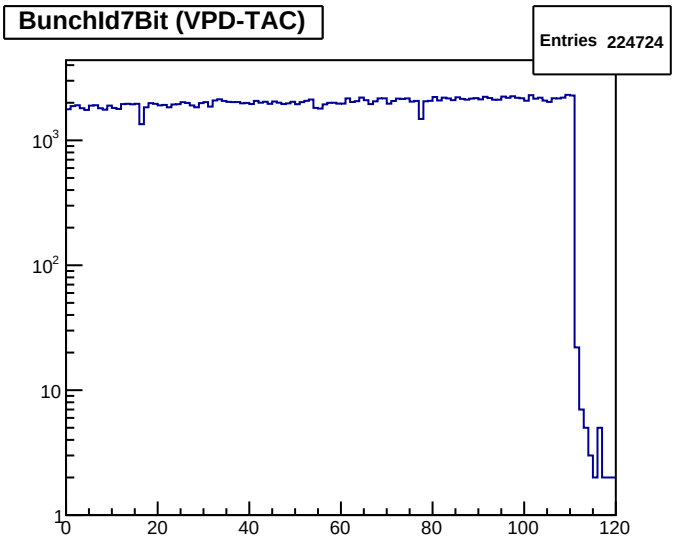
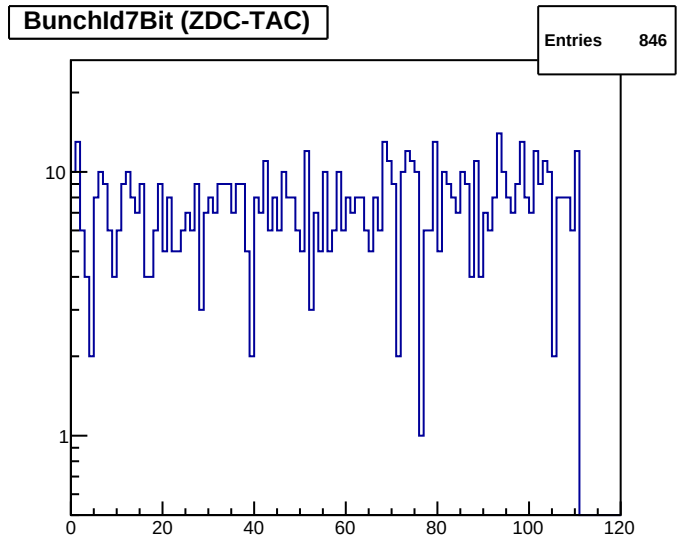
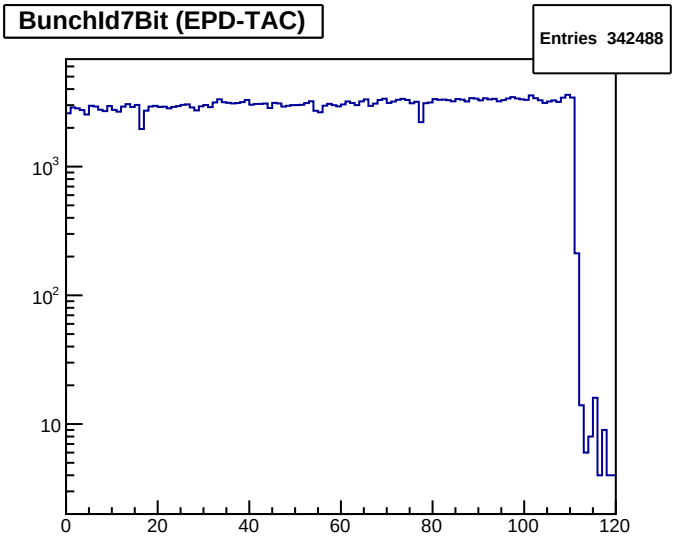
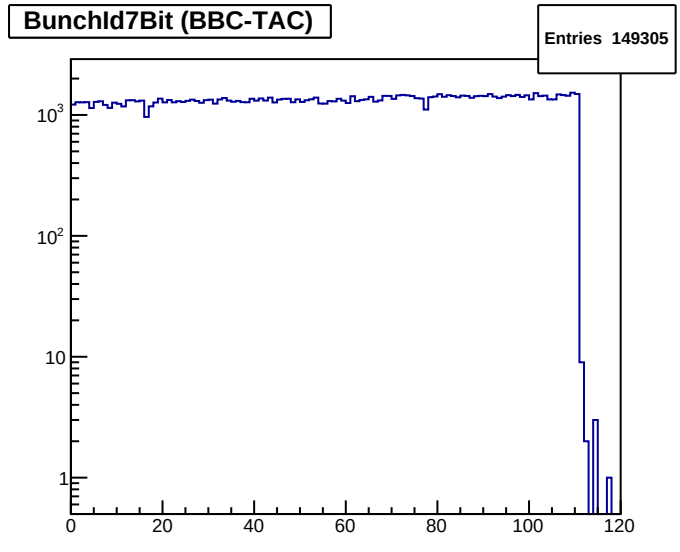
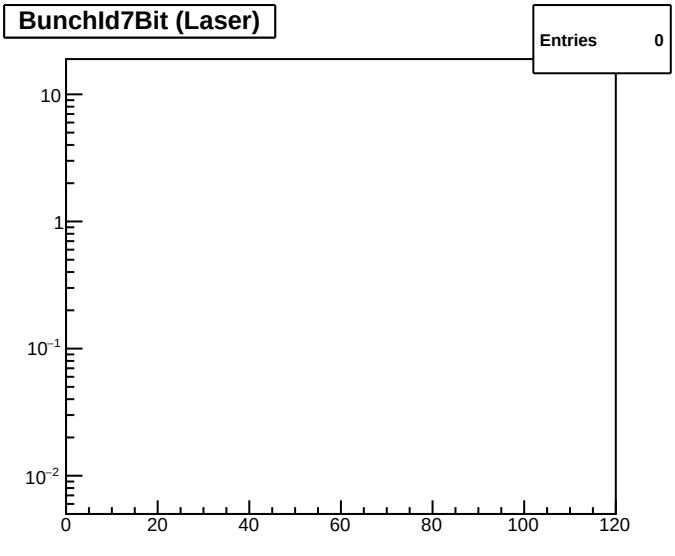
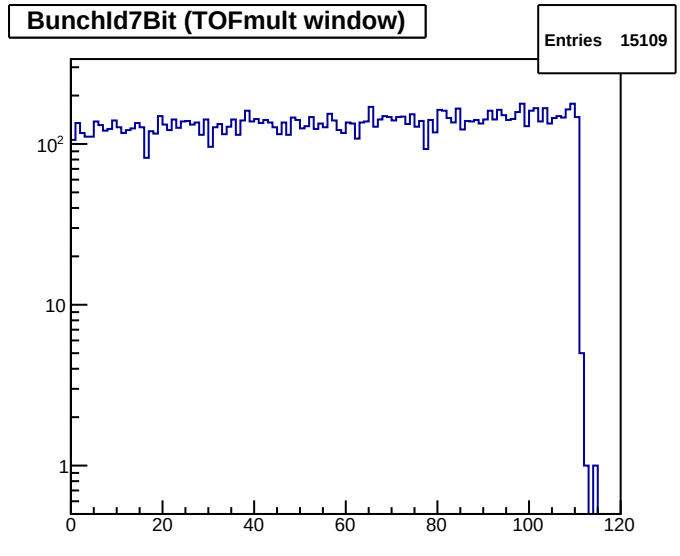

BunchId7Bit (VPD-TAC)
Entries 224724

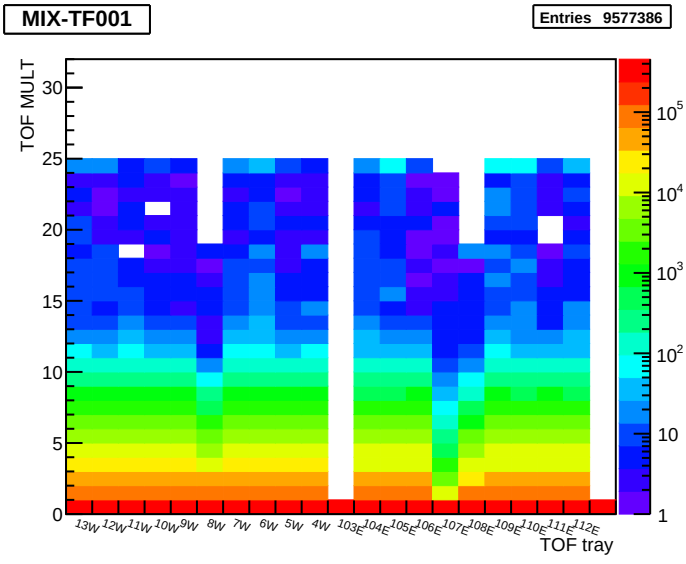

BunchId7Bit (ZDC-TAC)
Entries 846

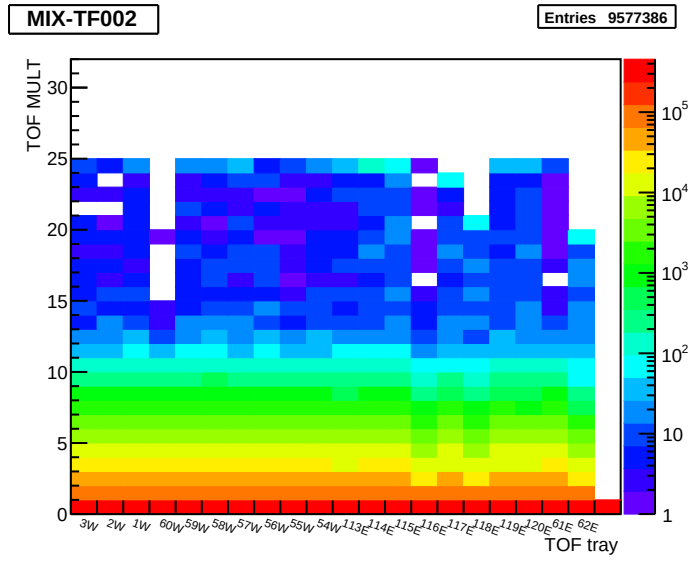

BunchId7Bit (EPD-TAC)
Entries 342488

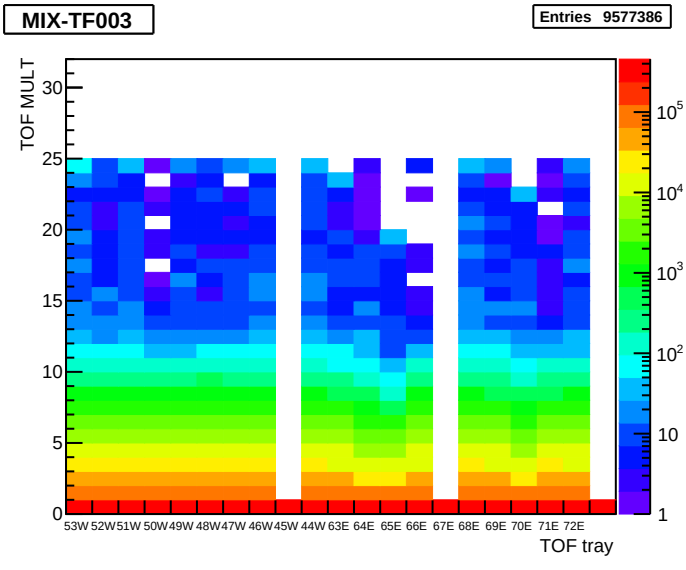

BunchId7Bit (BBC-TAC)
Entries 149305

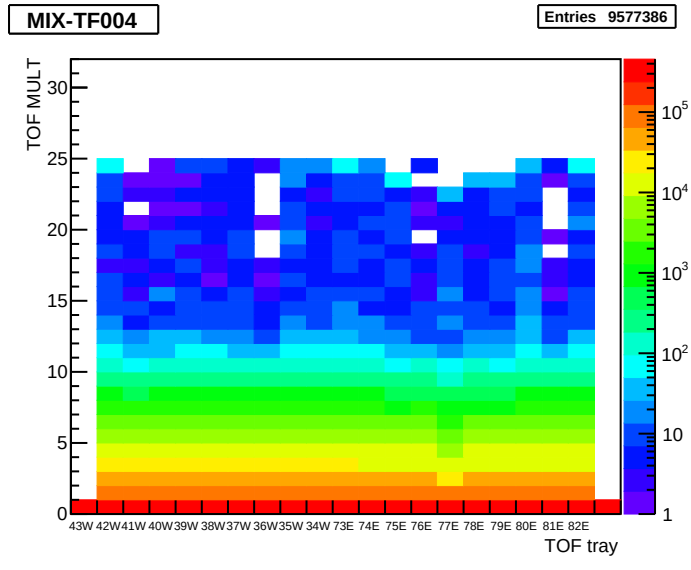

BunchId7Bit (Laser)
Entries 0

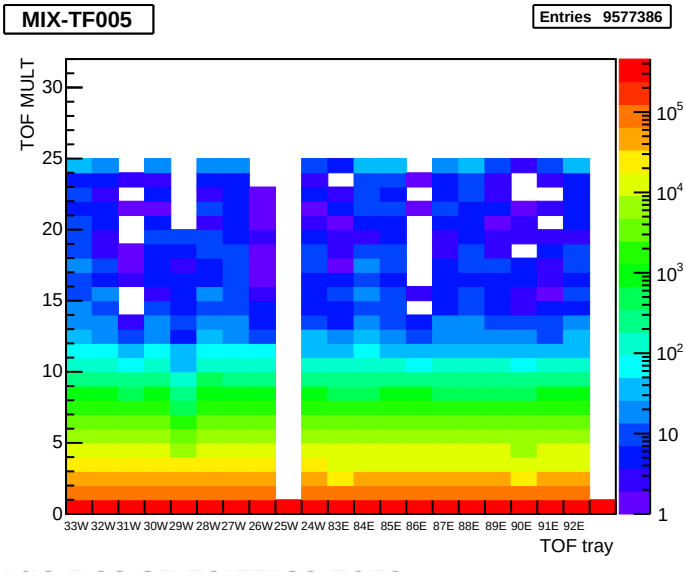

BunchId7Bit (TOFmult window)
Entries 15109

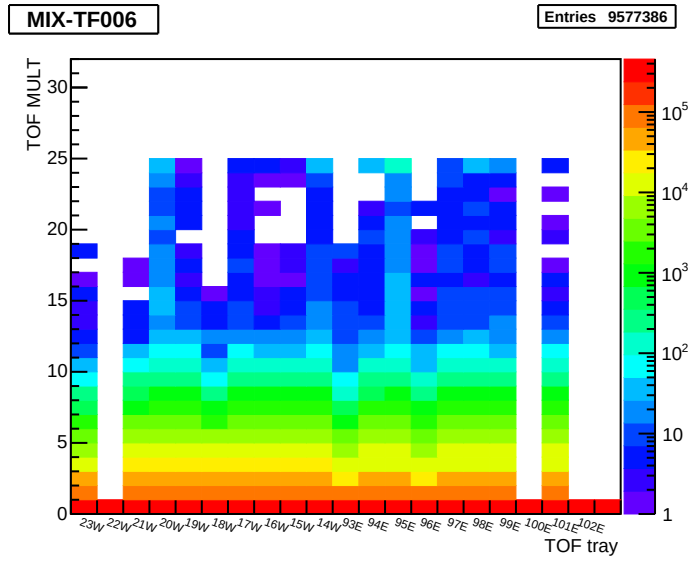

MIX-TF001
Entries 9577386
TOF MULT
TOF tray

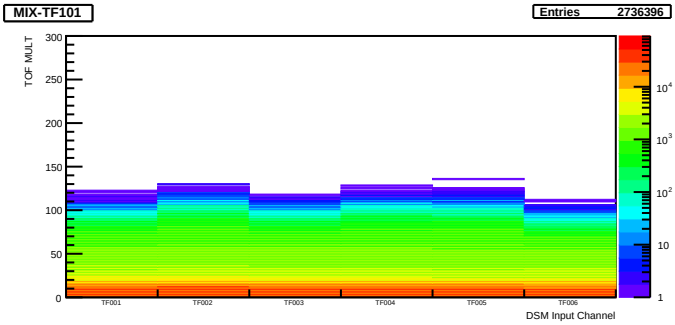

MIX-TF002
Entries 9577386
TOF MULT
TOF tray

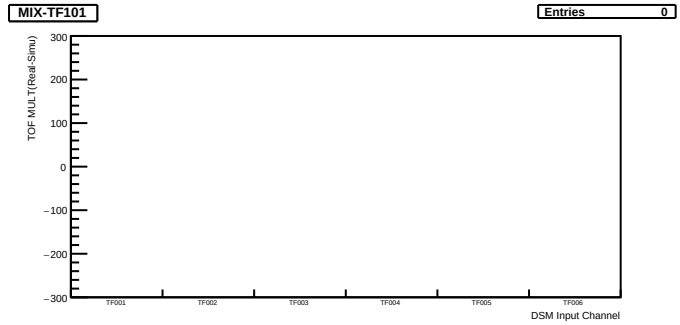

MIX-TF003
Entries 9577386
TOF MULT
TOF tray

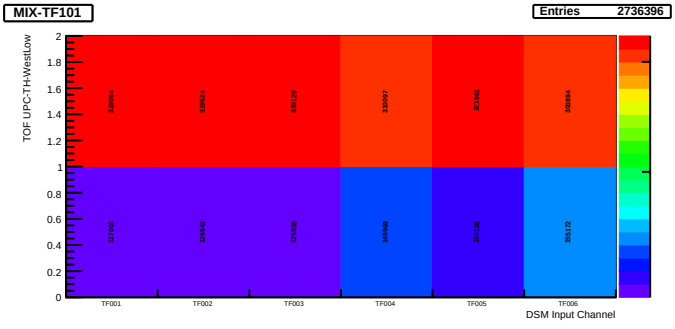

MIX-TF004
Entries 9577386
TOF MULT
TOF tray

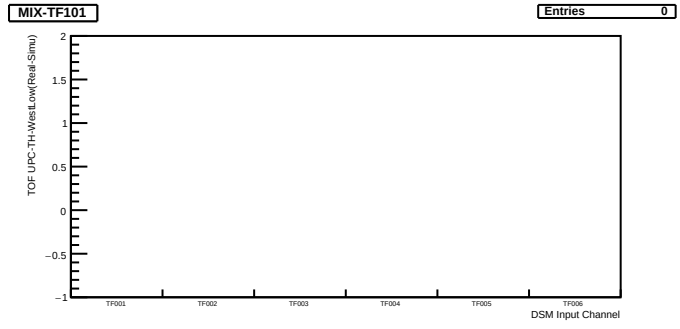

MIX-TF005
Entries 9577386
TOF MULT
TOF tray

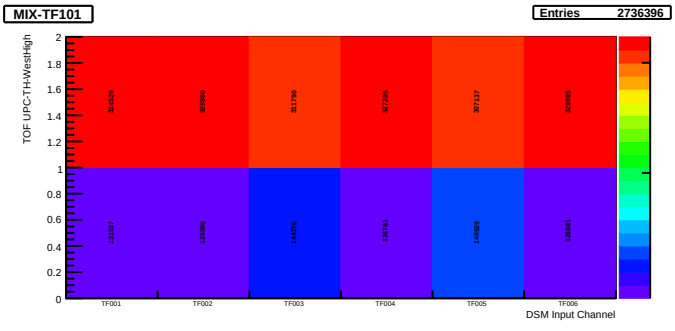

MIX-TF006
Entries 9577386
TOF MULT
TOF tray

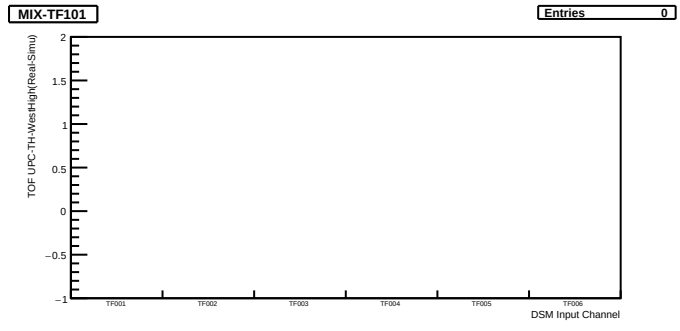

MIX-TF101
Entries 2736396
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

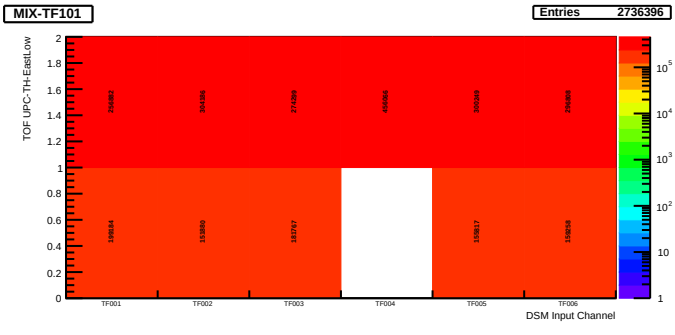

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

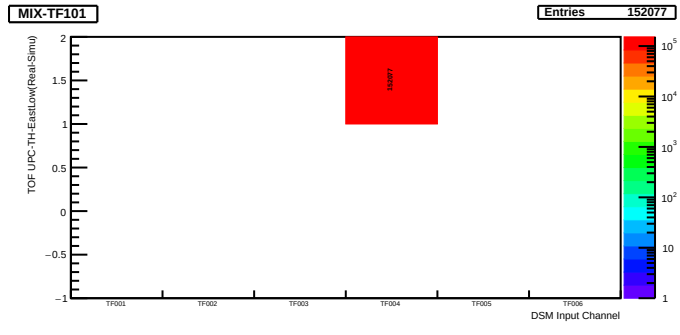

MIX-TF101
Entries 2736396
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

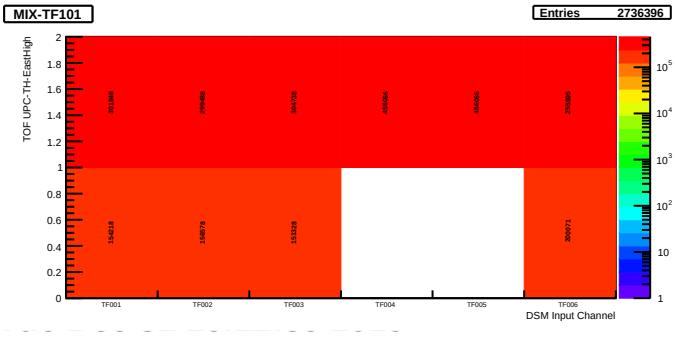

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

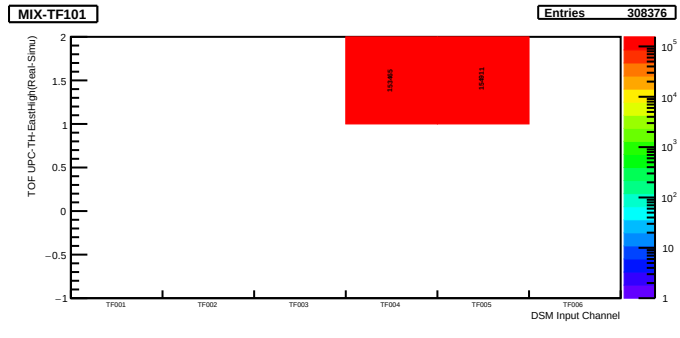

MIX-TF101
Entries 2736396
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

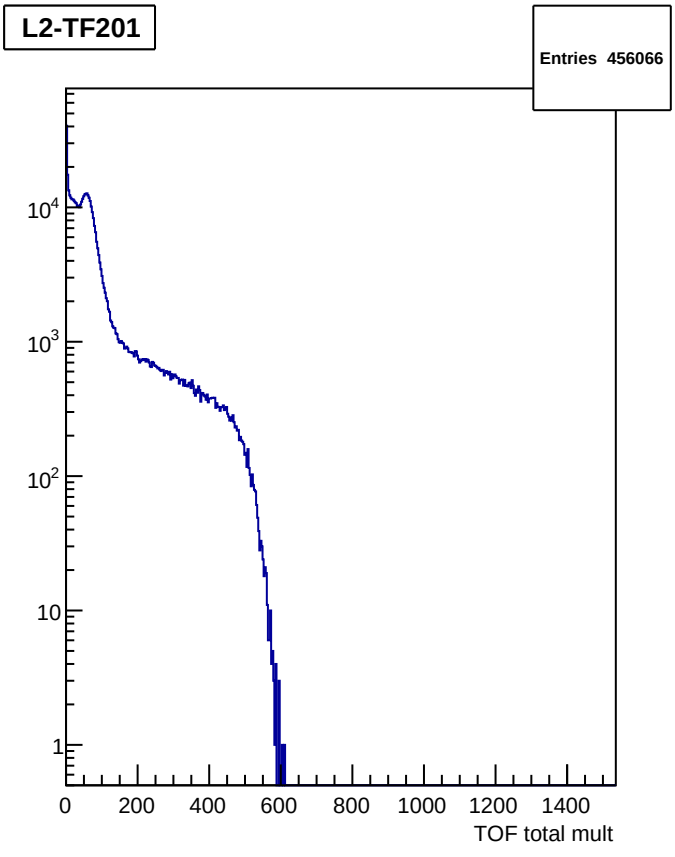

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

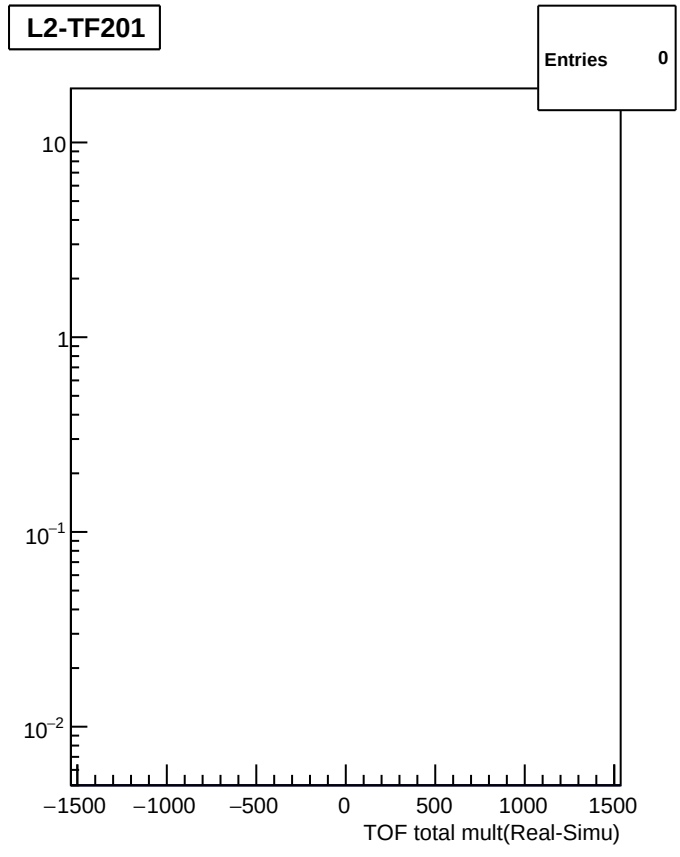

MIX-TF101
Entries 2736396
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

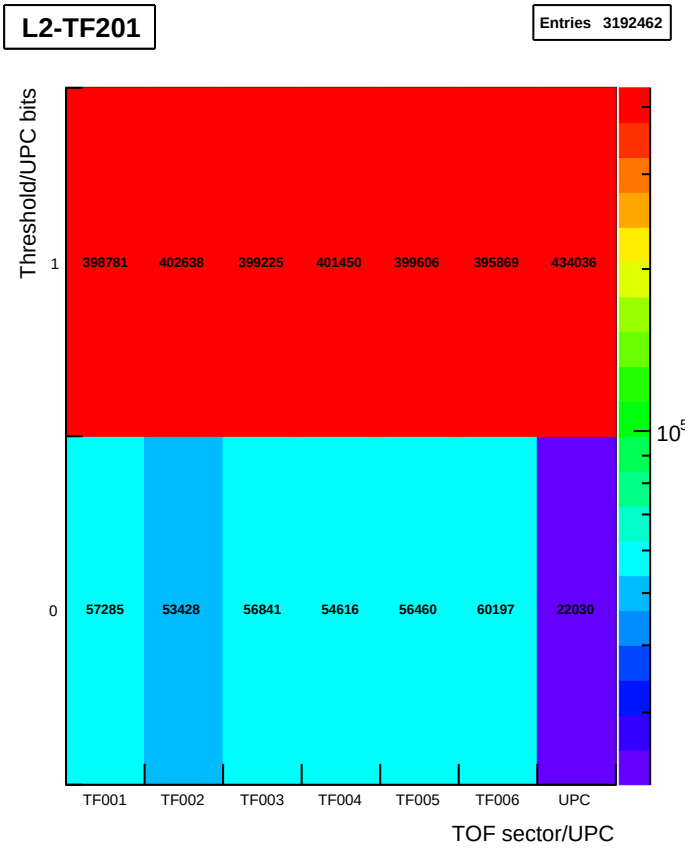

MIX-TF101
Entries 152077
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

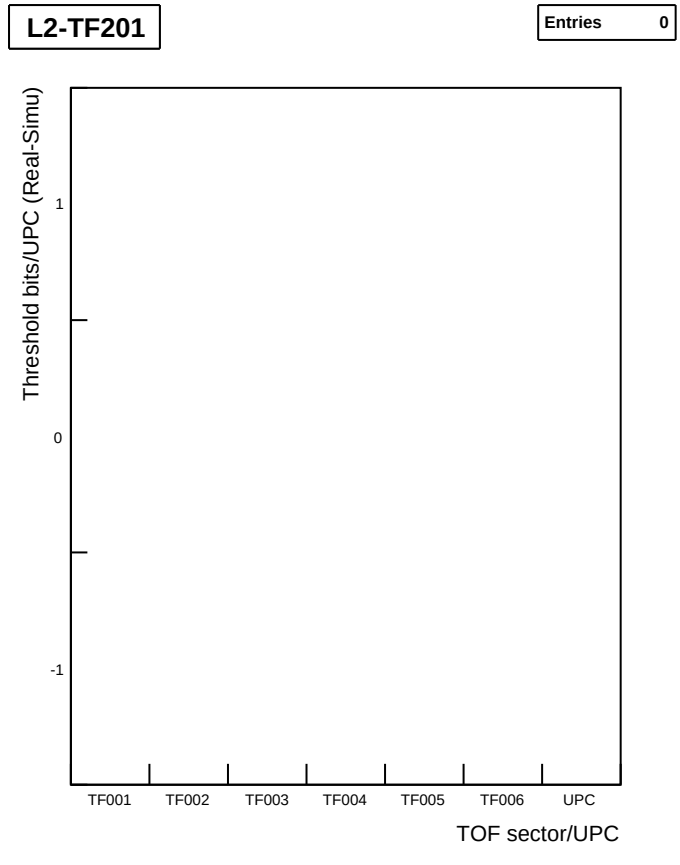

MIX-TF101
Entries 2736396
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

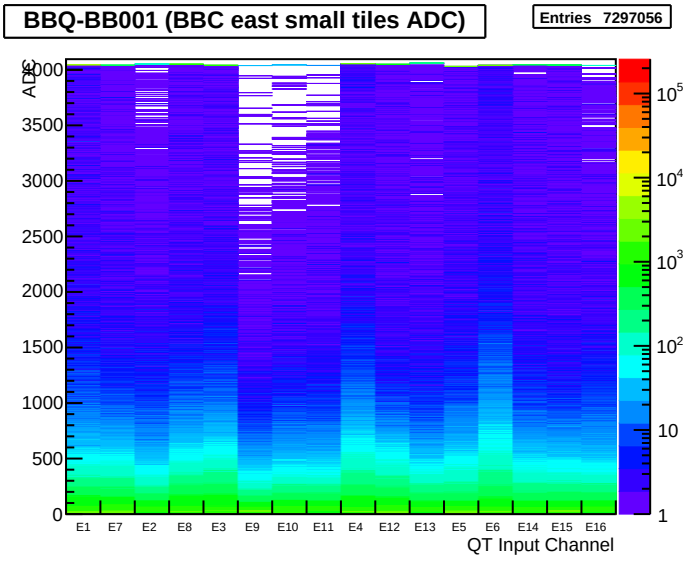

MIX-TF101
Entries 308376
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

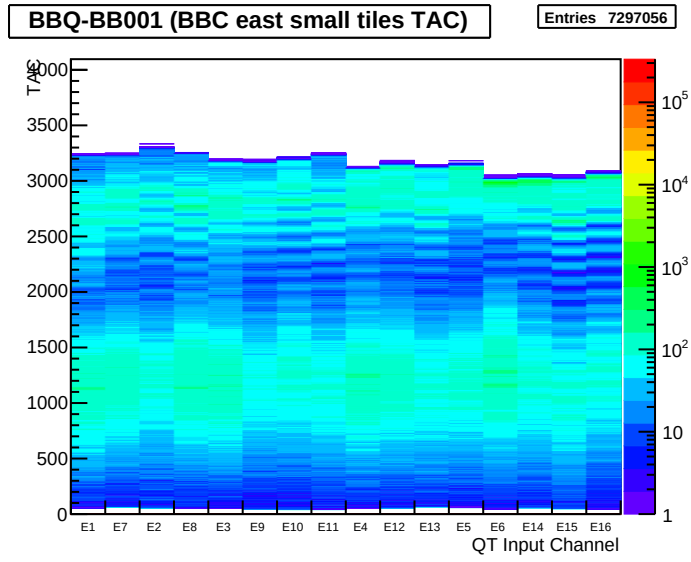

L2-TF201
Entries 456066
TOF total mult

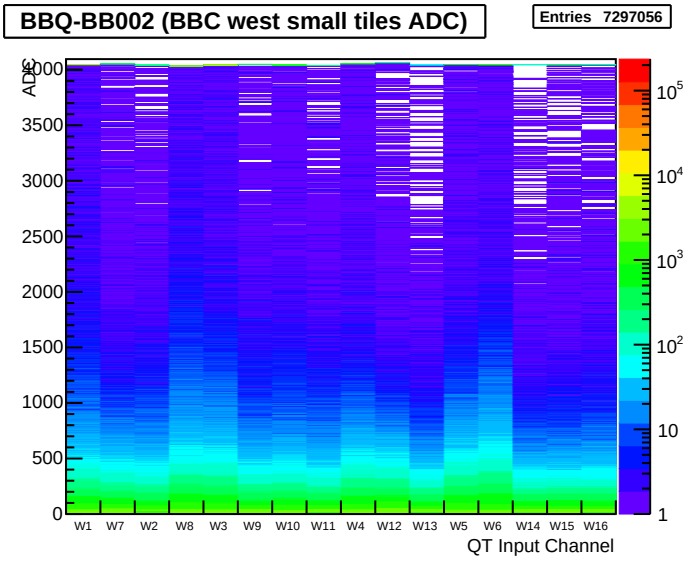

L2-TF201
Entries 0
TOF total mult(Real-Simu)

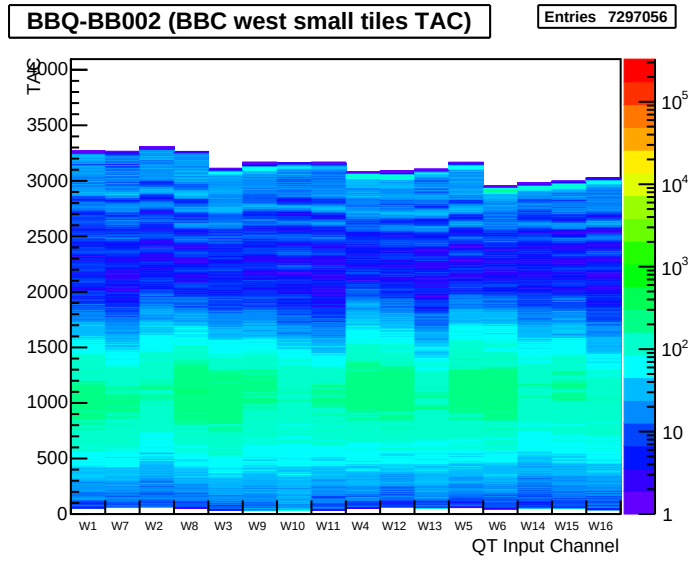

L2-TF201
Entries 3192462
Threshold/UPC bits
398781
402638
399225
401450
399606
395869
434036
57285
53428
56841
54616
56460
60197
22030
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

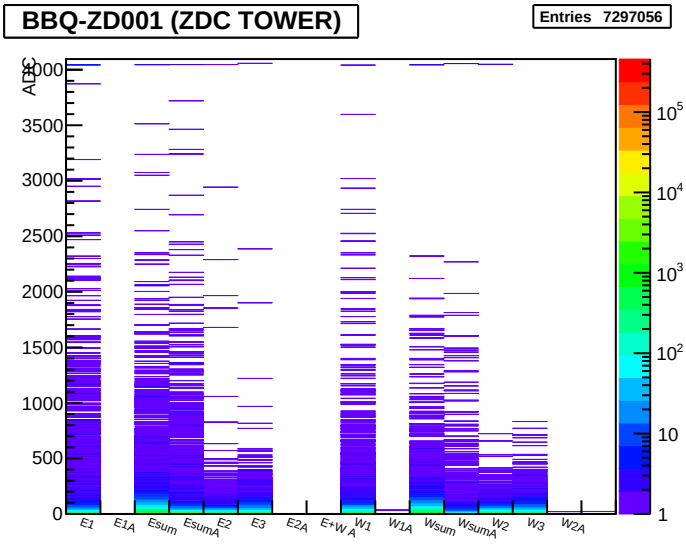

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

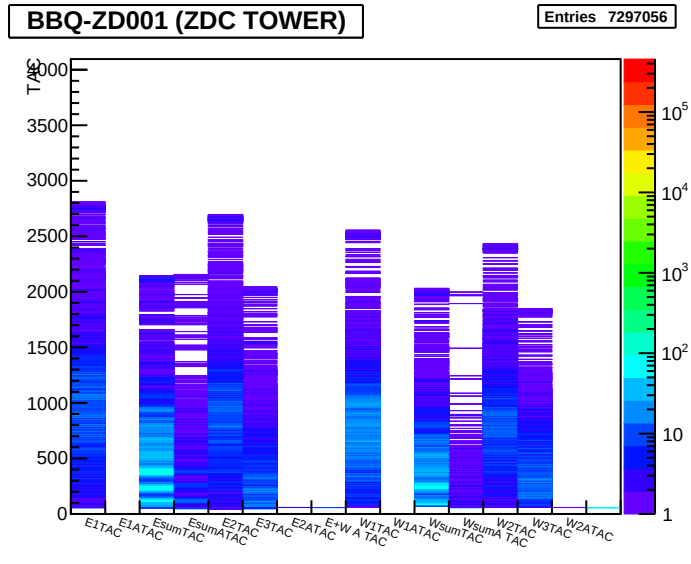

BBQ-BB001 (BBC east small tiles ADC)
Entries 7297056
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

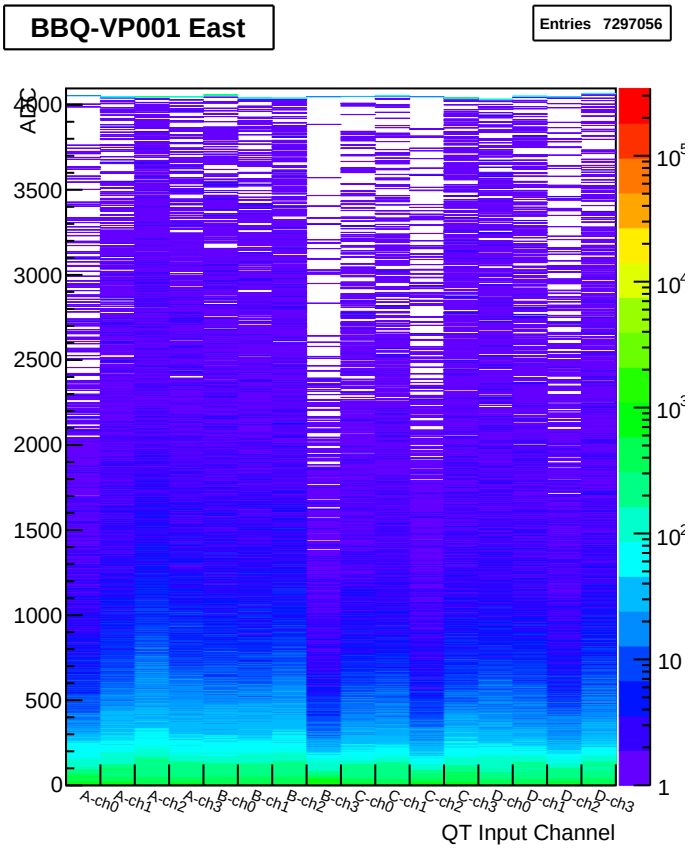

BBQ-BB001 (BBC east small tiles TAC)
Entries 7297056
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

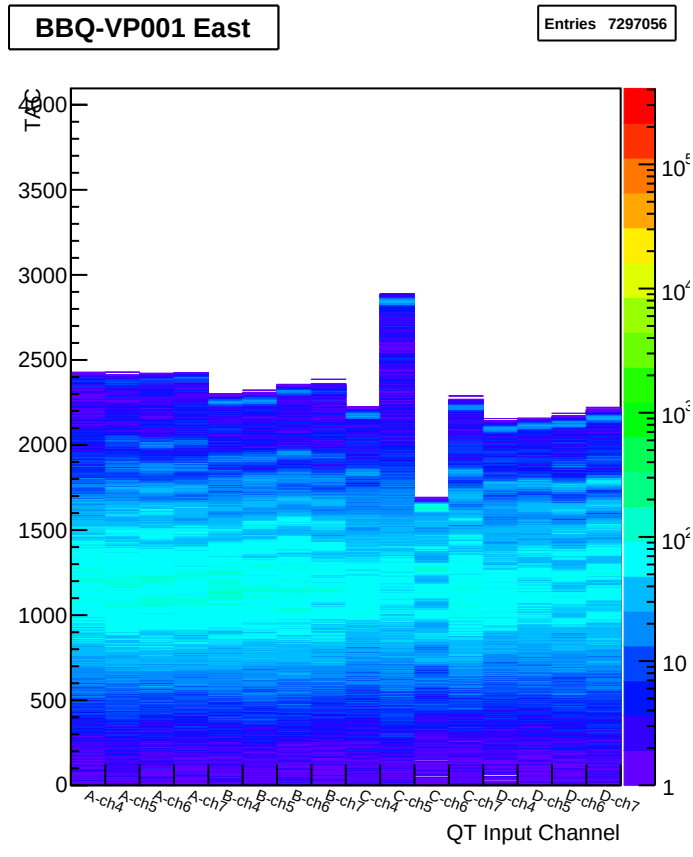

BBQ-BB002 (BBC west small tiles ADC)
Entries 7297056
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

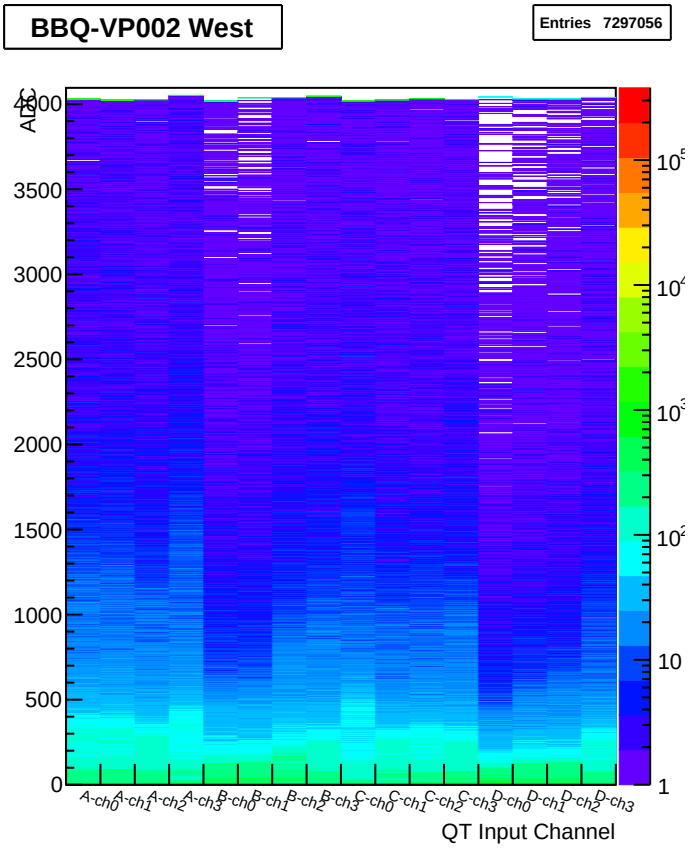

BBQ-BB002 (BBC west small tiles TAC)
Entries 7297056
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

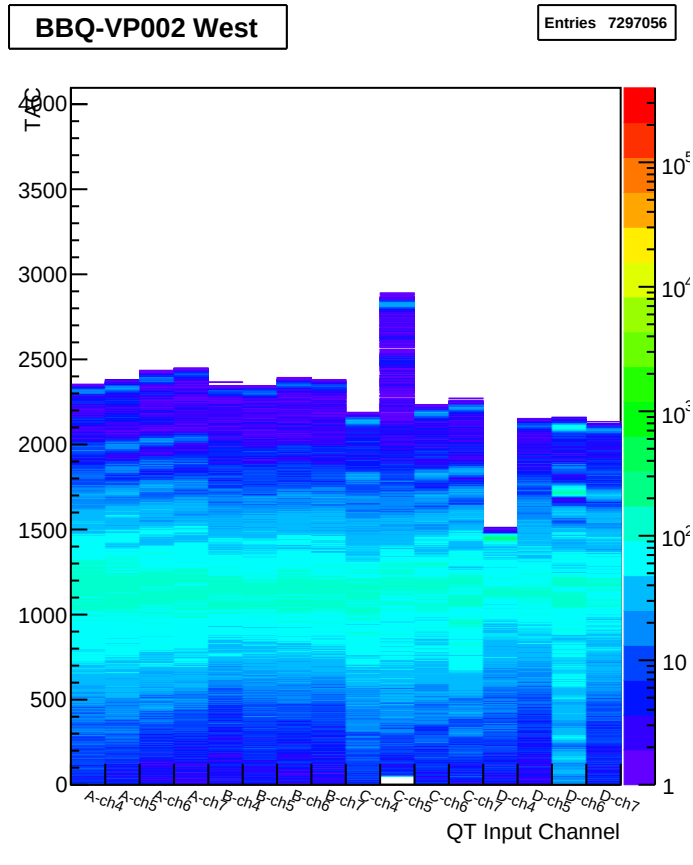

BBQ-ZD001 (ZDC TOWER)
Entries 7297056
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

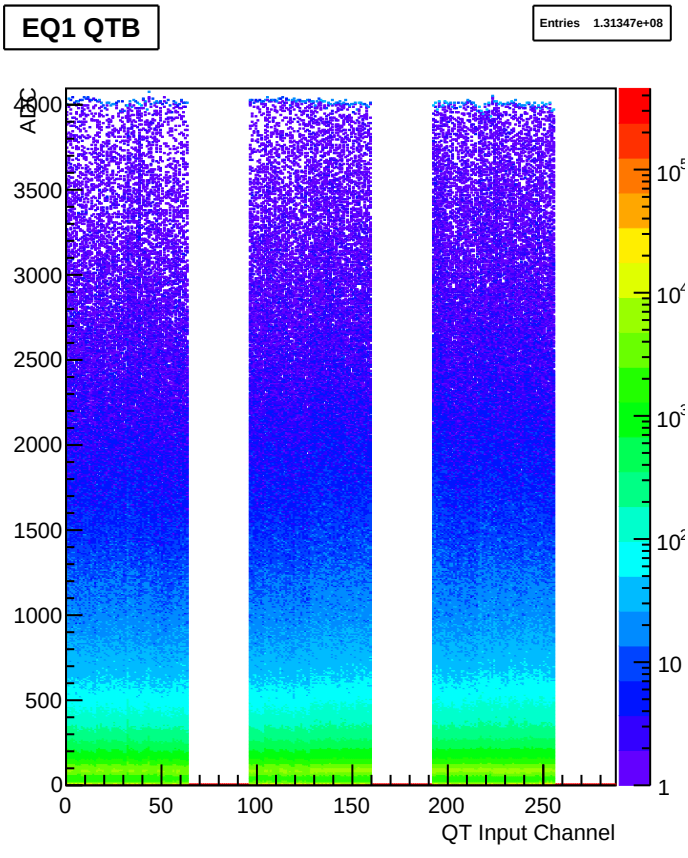

BBQ-ZD001 (ZDC TOWER)
Entries 7297056
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

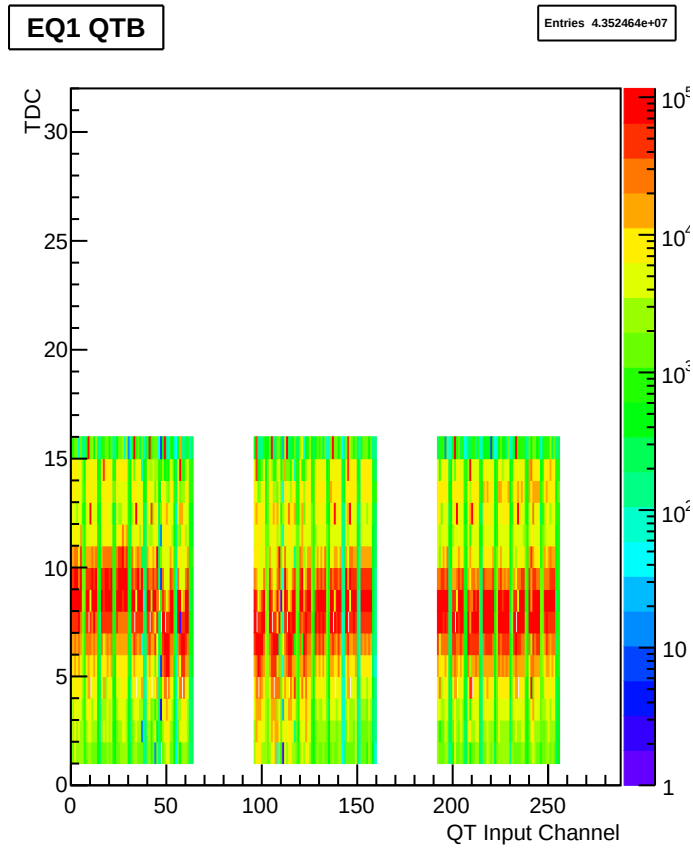

BBQ-VP001 East
Entries 7297056
ADC
QT Input Channel

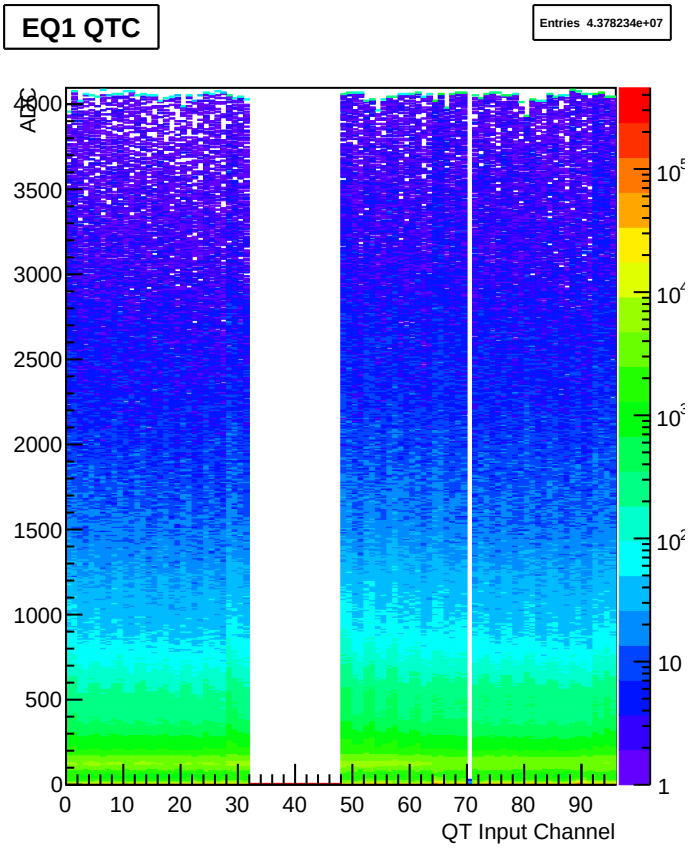

BBQ-VP001 East
Entries 7297056
ADC
QT Input Channel

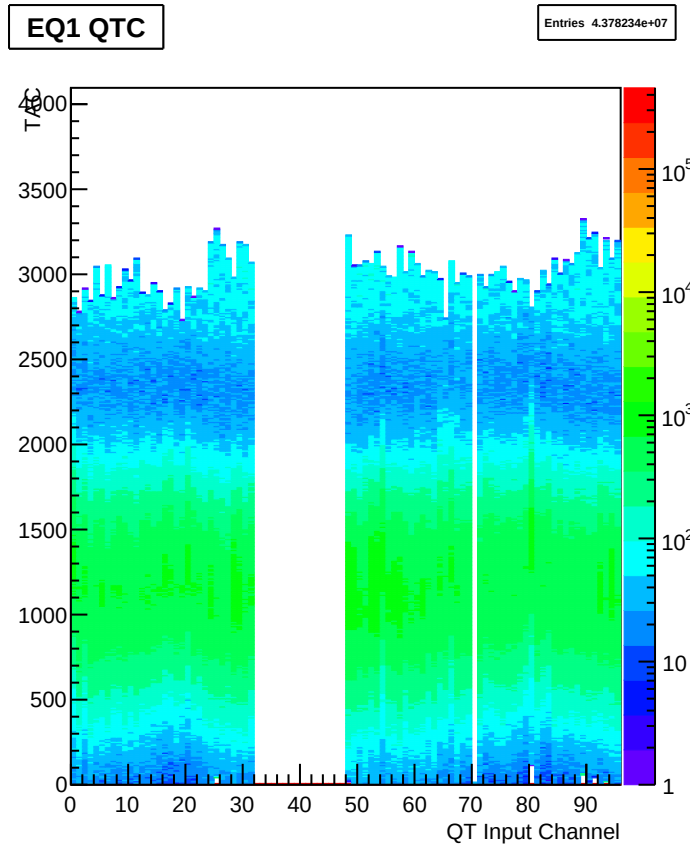

BBQ-VP002 West
Entries 7297056
ADC
QT Input Channel

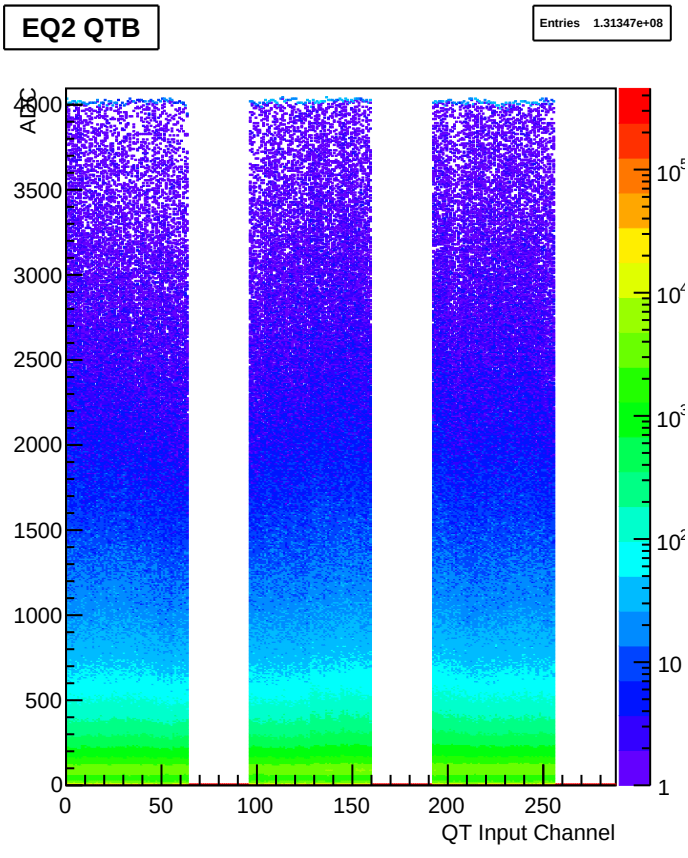

BBQ-VP002 West
Entries 7297056
ADC
QT Input Channel

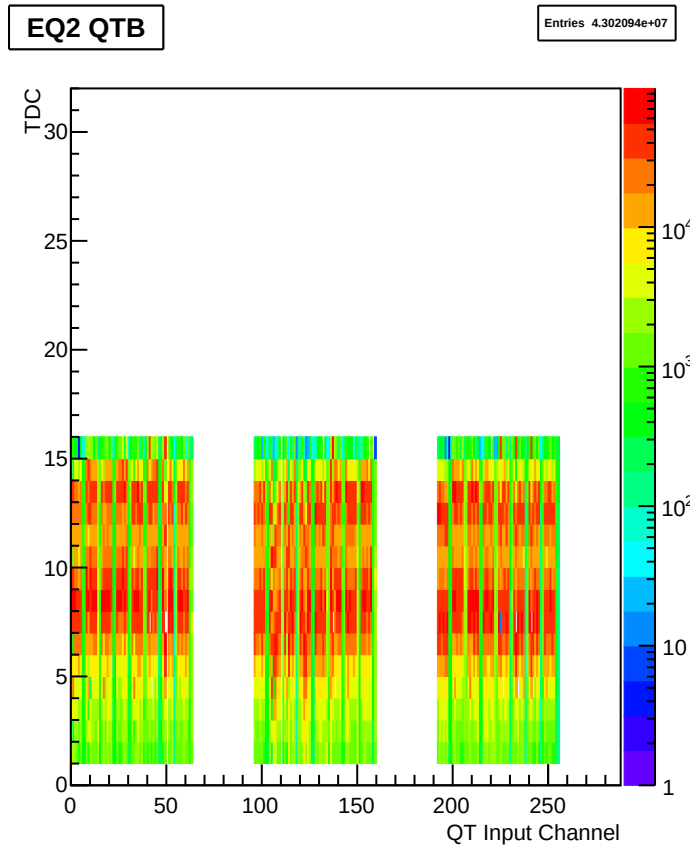

EQ1 QTB
Entries 1.31347e+08
ADC
QT Input Channel

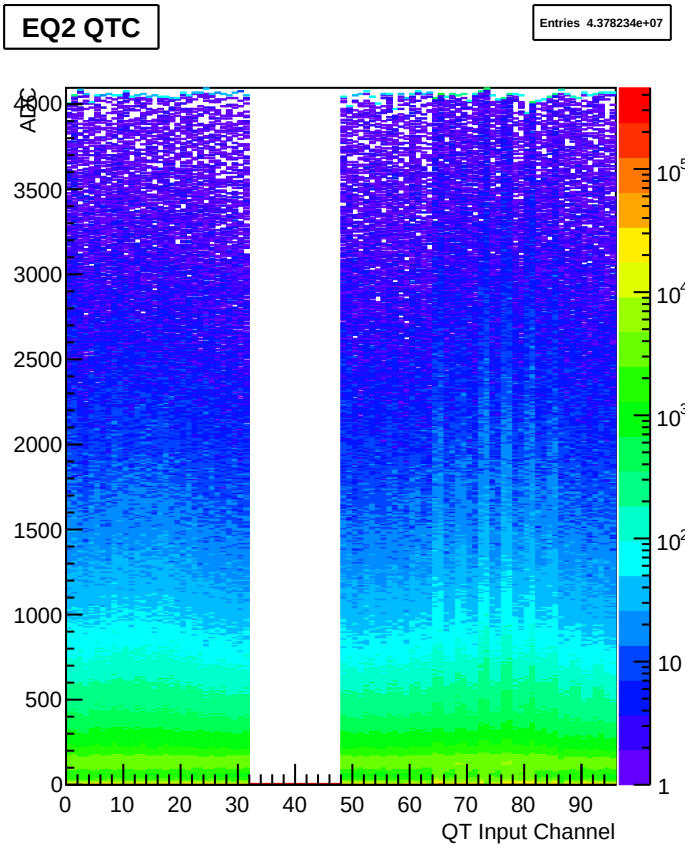

EQ1 QTB
Entries 4.352464e+07
TDC
QT Input Channel

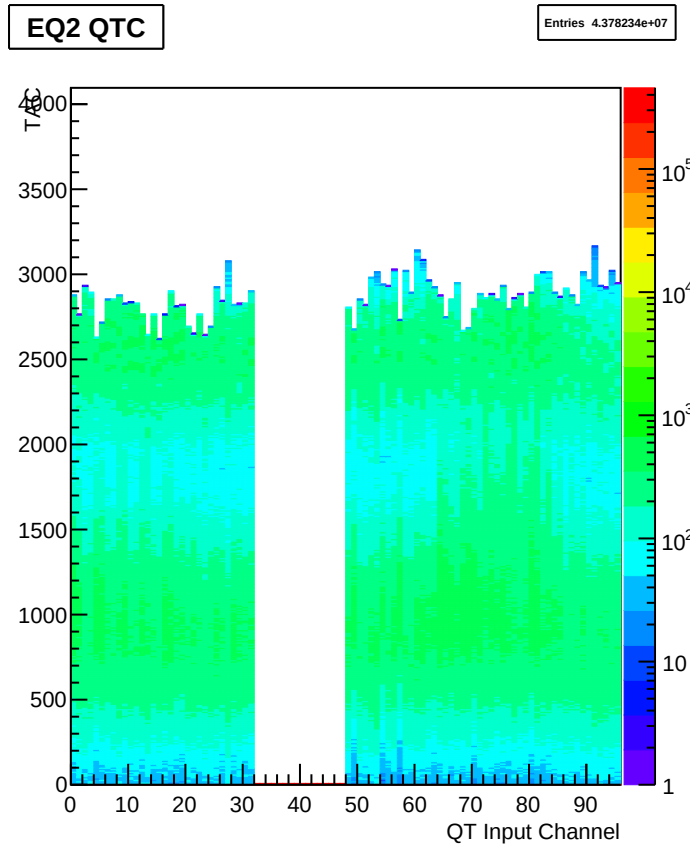

EQ1 QTC
Entries 4.378234e+07
ADC
QT Input Channel

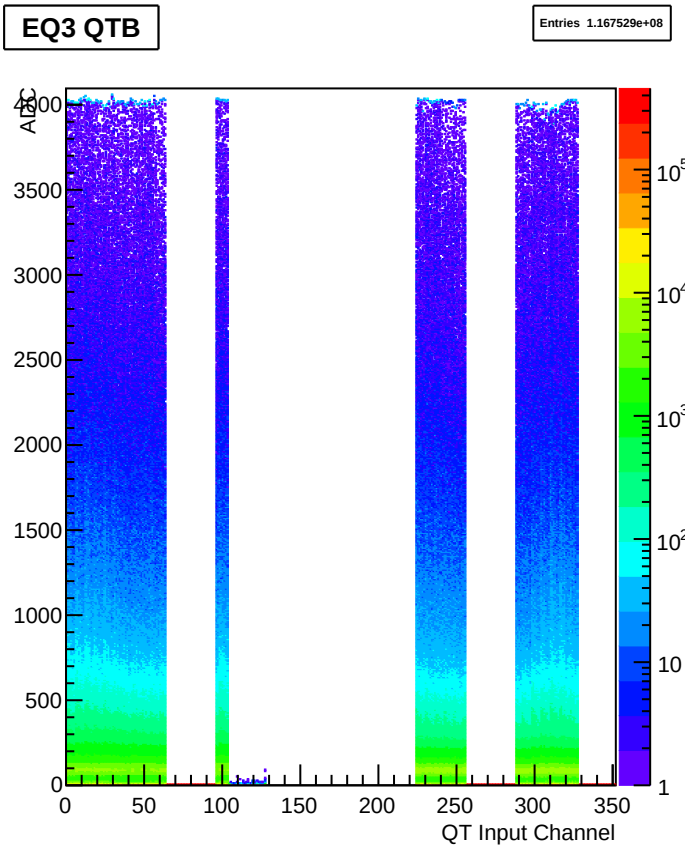

EQ1 QTC
Entries 4.378234e+07
TADC
QT Input Channel

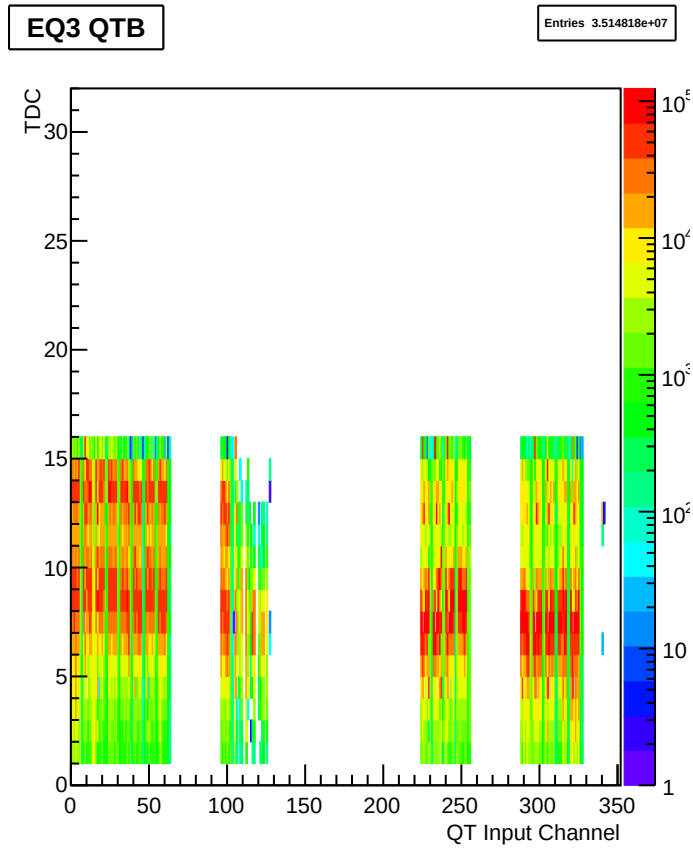

EQ2 QTB
Entries 1.31347e+08
ADC
QT Input Channel

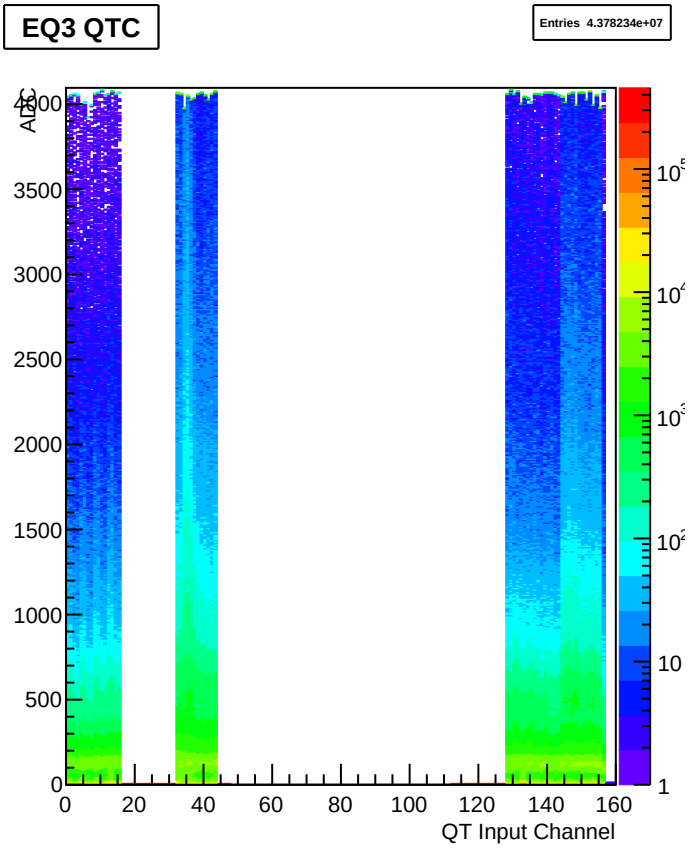

EQ2 QTB
Entries 4.302094e+07
TDC
QT Input Channel

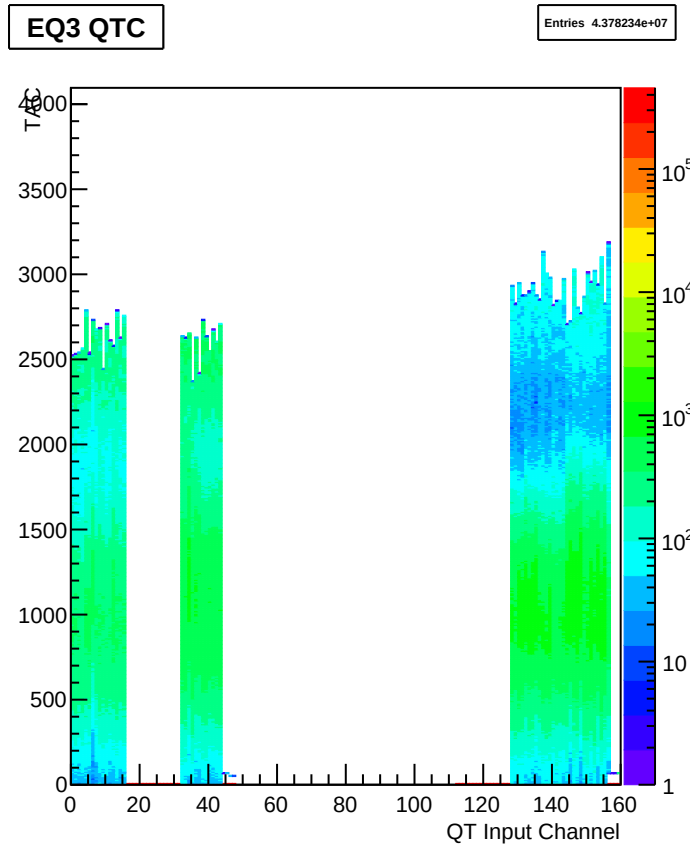

EQ2 QTC
Entries 4.378234e+07
ADC
QT Input Channel

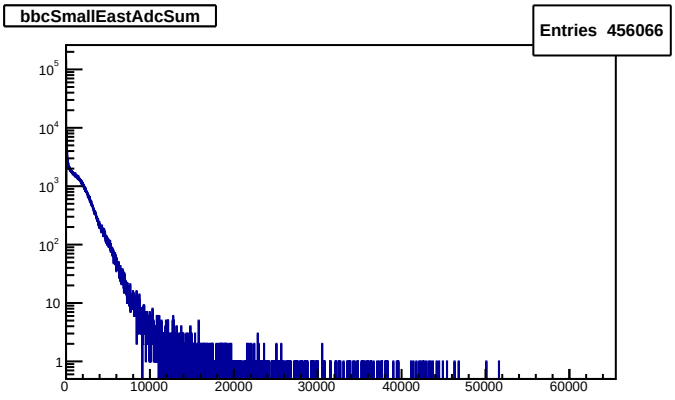

EQ2 QTC
Entries 4.378234e+07
TADC
QT Input Channel

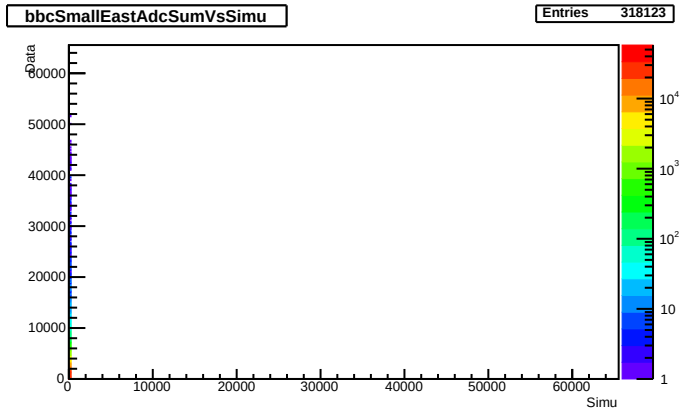

EQ3 QTB
Entries 1.167529e+08
ADC
QT Input Channel

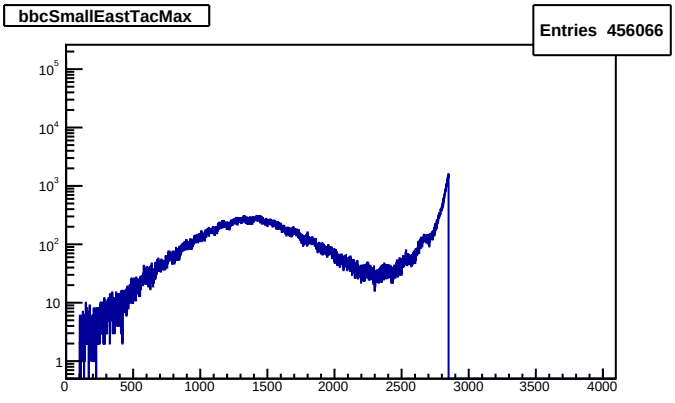

EQ3 QTB
Entries 3.514818e+07
TDC
QT Input Channel

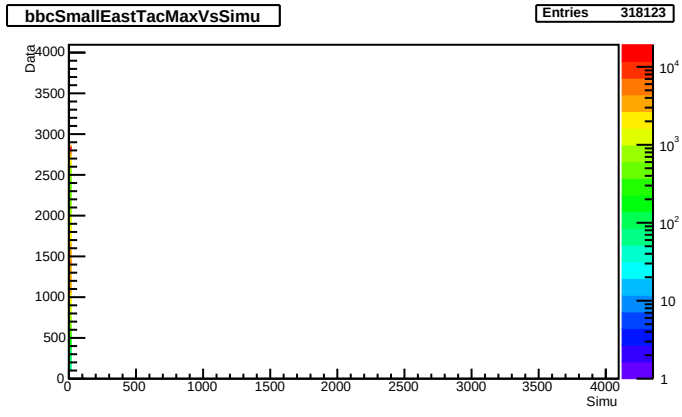

EQ3 QTC
Entries 4.378234e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.378234e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 456066


bbcSmallEastAdcSumVsSimu
Entries 318123
Data
Simu


bbcSmallEastTacMax
Entries 456066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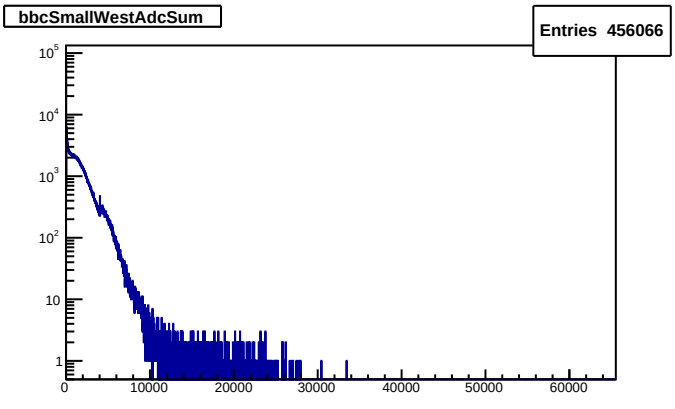
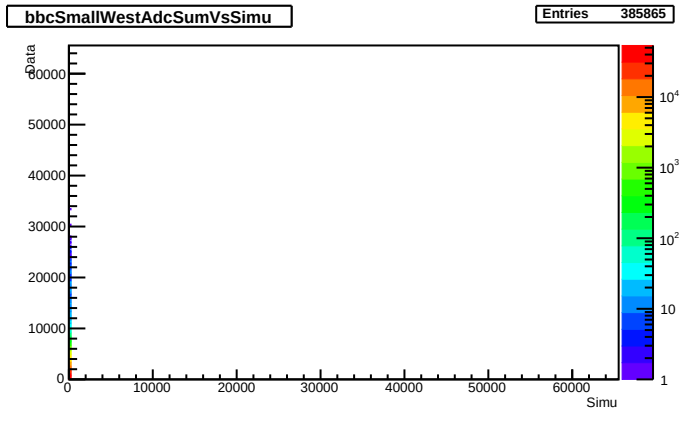
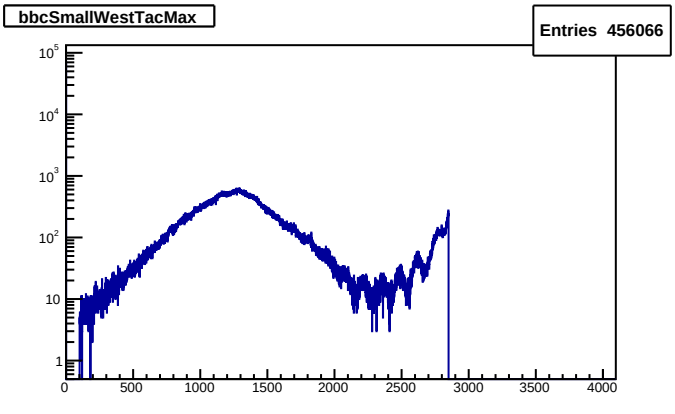
Entries 318123
Data
Simu


bbcSmallWestAdcSum
Entries 456066


bbcSmallWestAdcSumVsSimu
Entries 385865
Data
Simu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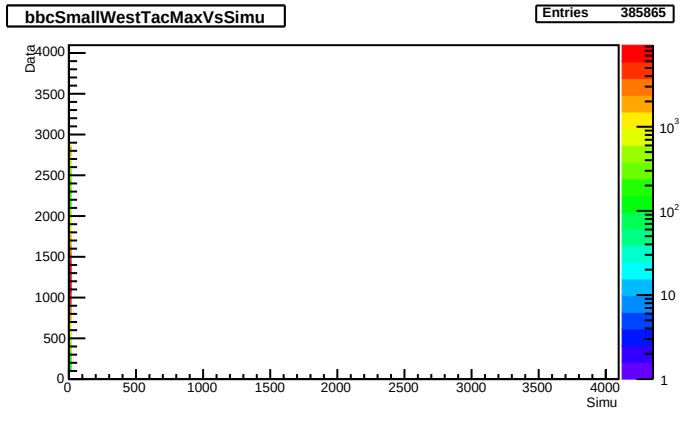
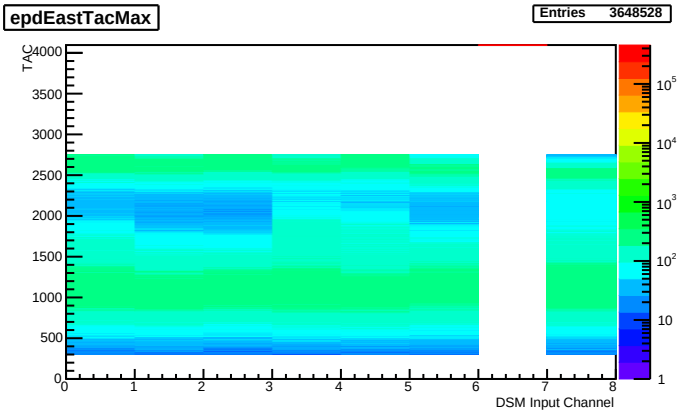
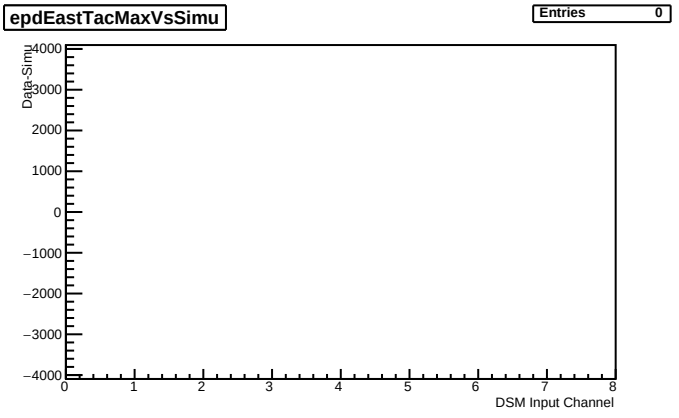
Entries 456066


bbcSmallWestTacMaxVsSimu
Entries 385865
Data
Simu


epdEastTacMax
Entries 3648528
TAC
DSM Input Channel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Entries 0
Data-Simu
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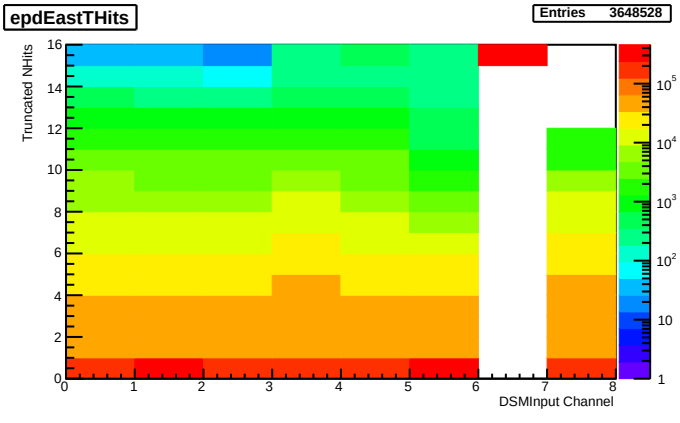
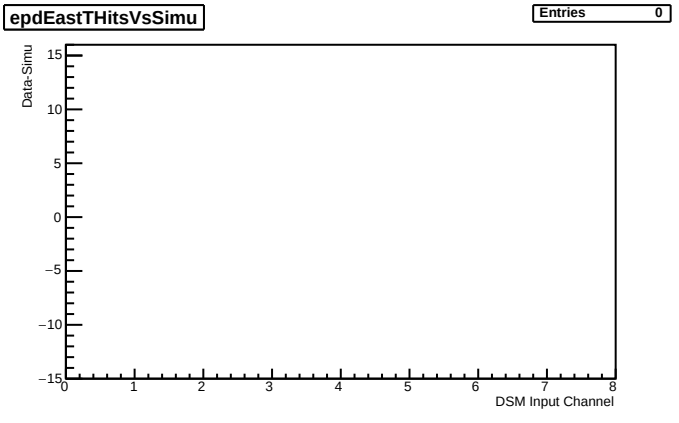

epdEastTHits
Entries 3648528
Truncated NHits
DSMInput Channel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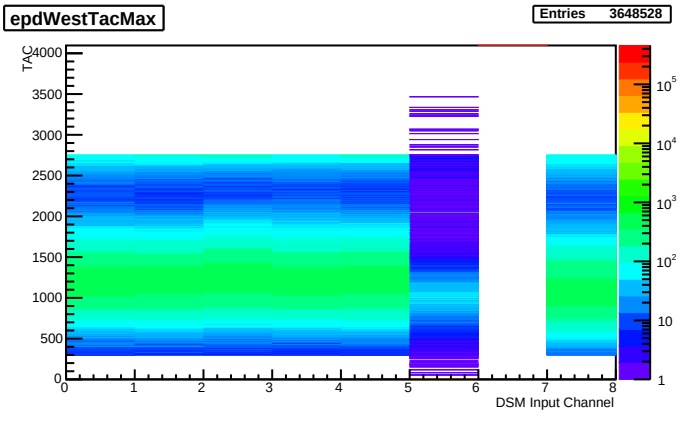
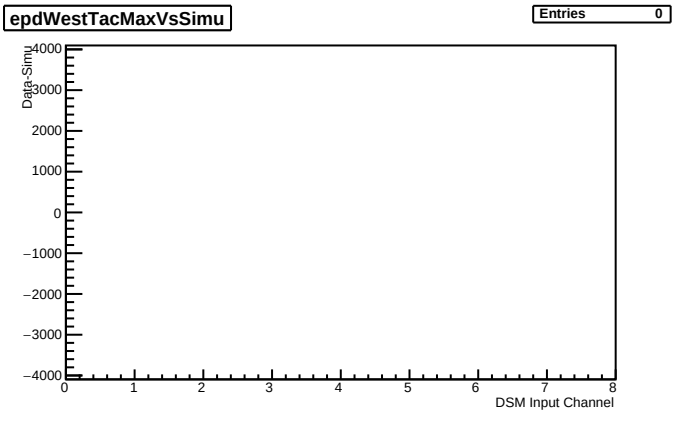
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3648528
TAC
DSM Input Channel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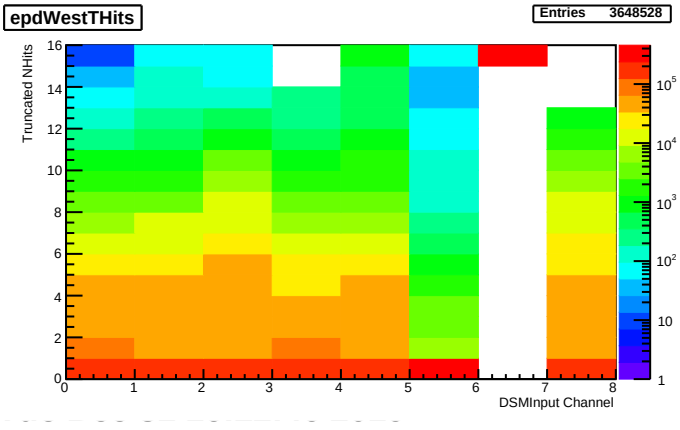
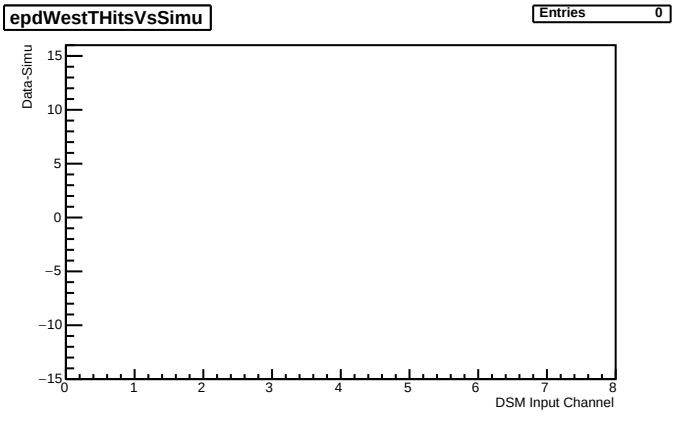
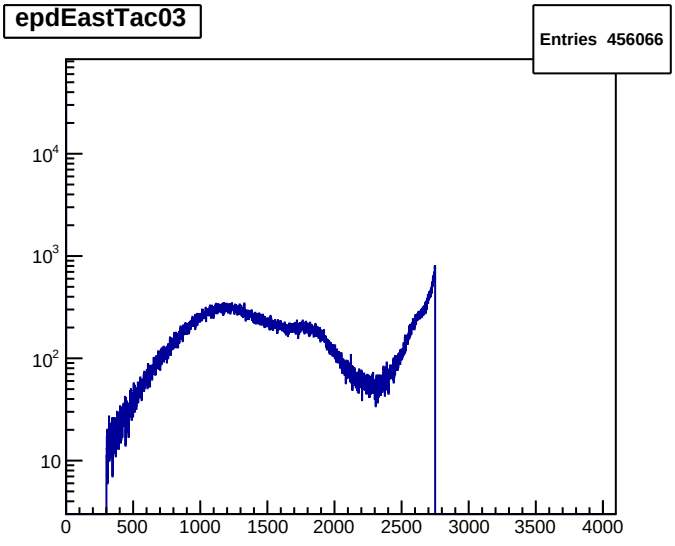
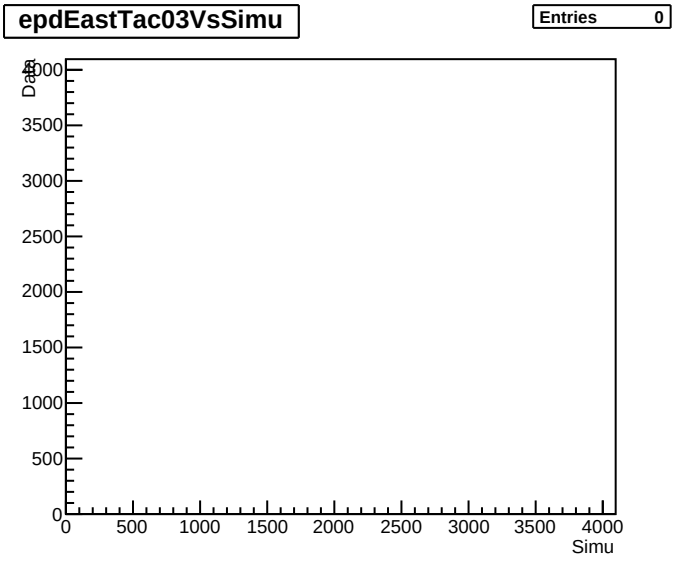
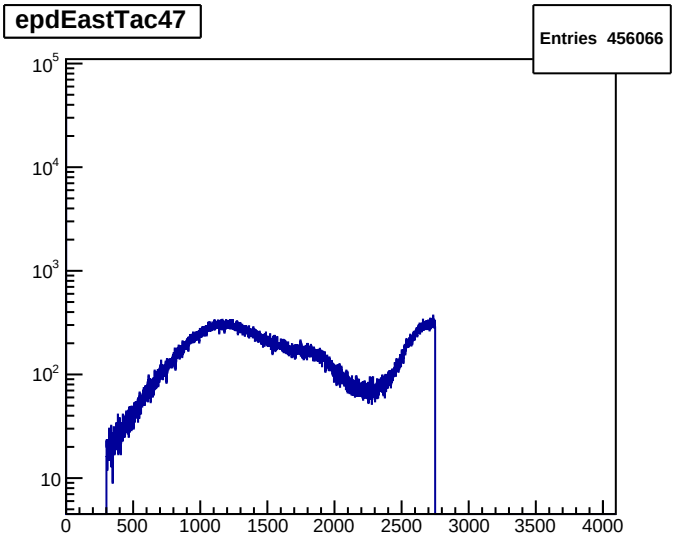
Entries 0
Data-Simu
DSM Input Channel

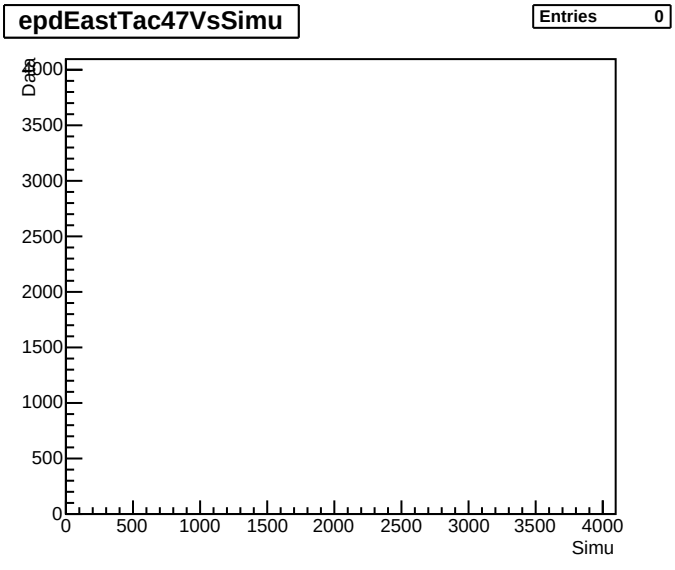

epdWestTHits
Entries 3648528
Truncated NHits
DSMInput Channel

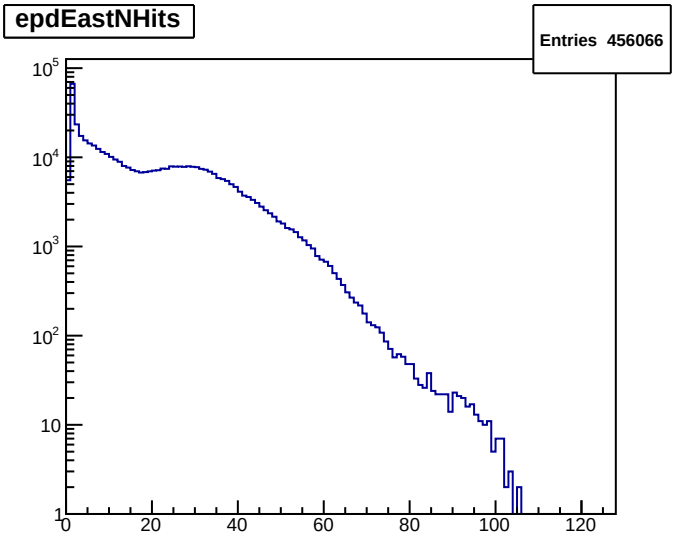

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

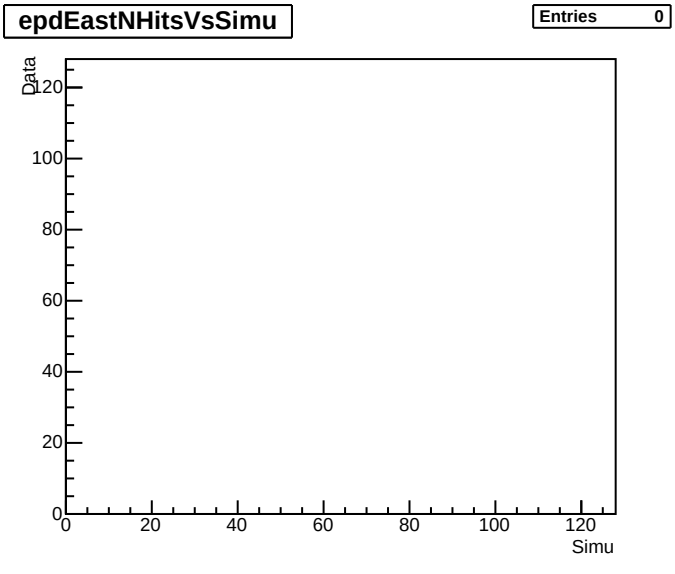

epdEastTac03
Entries 456066


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 456066


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 456066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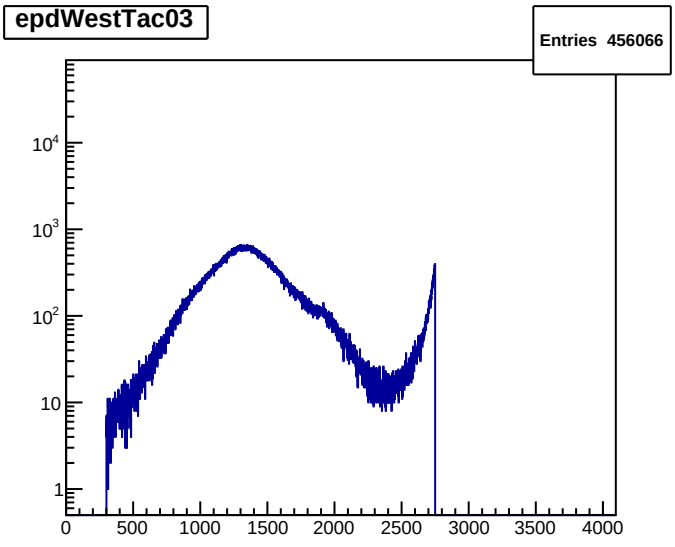
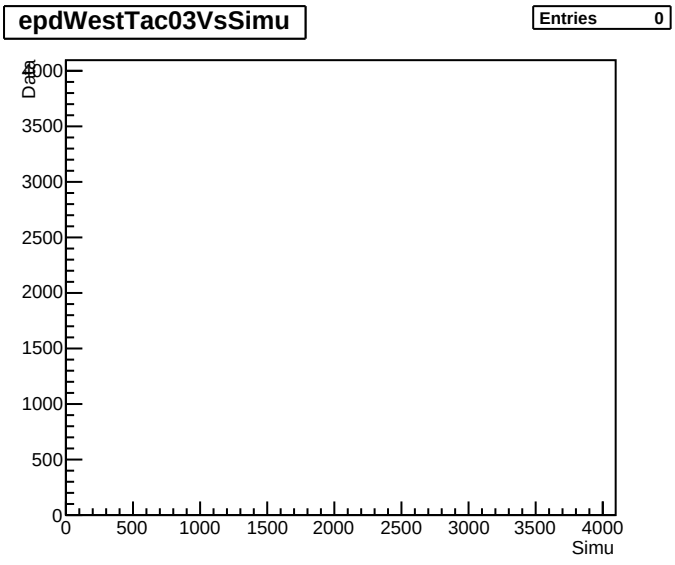
Entries 0
Data
Simu


epdWestTac03
Entries 456066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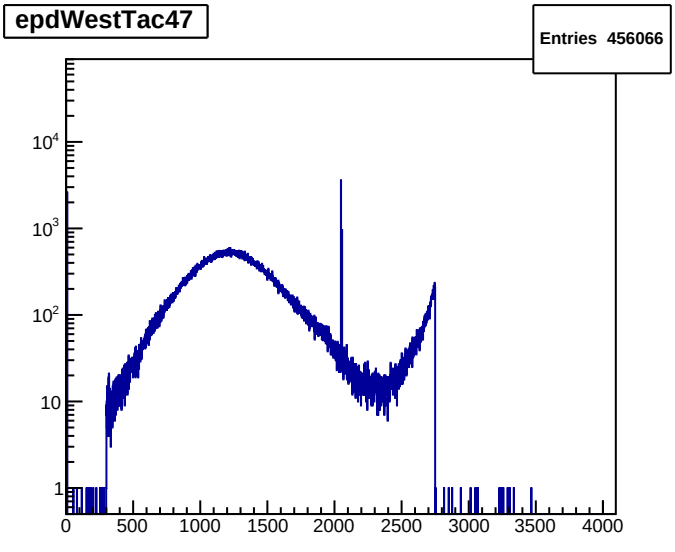
Entries 0
Data
Simu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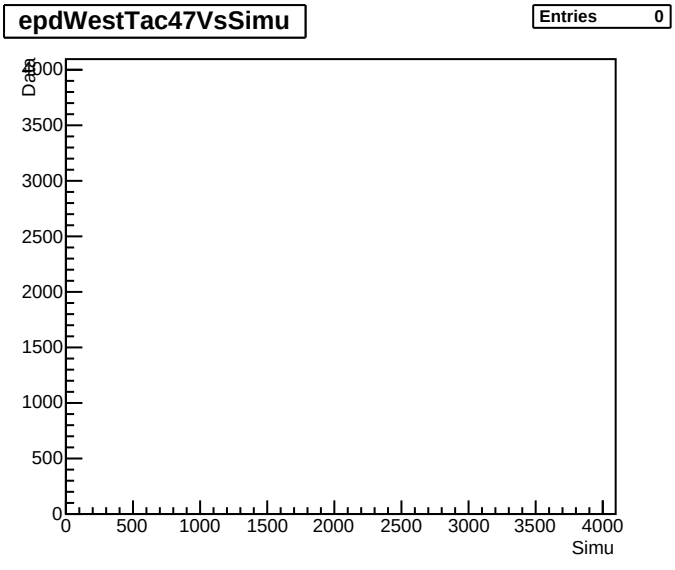
Entries 456066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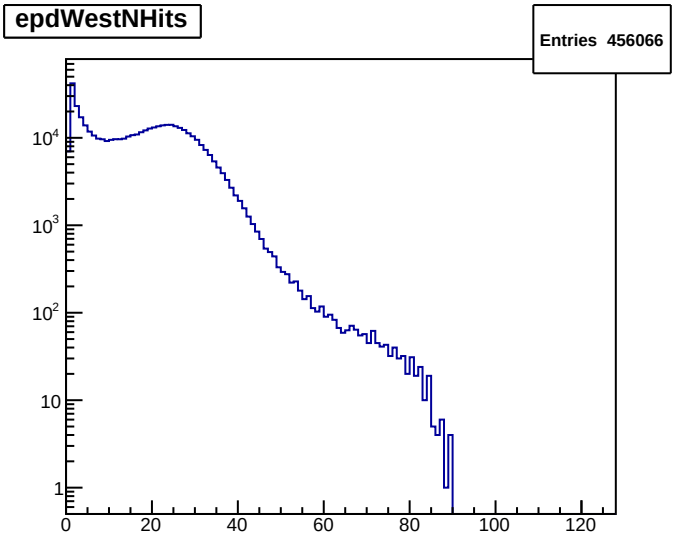
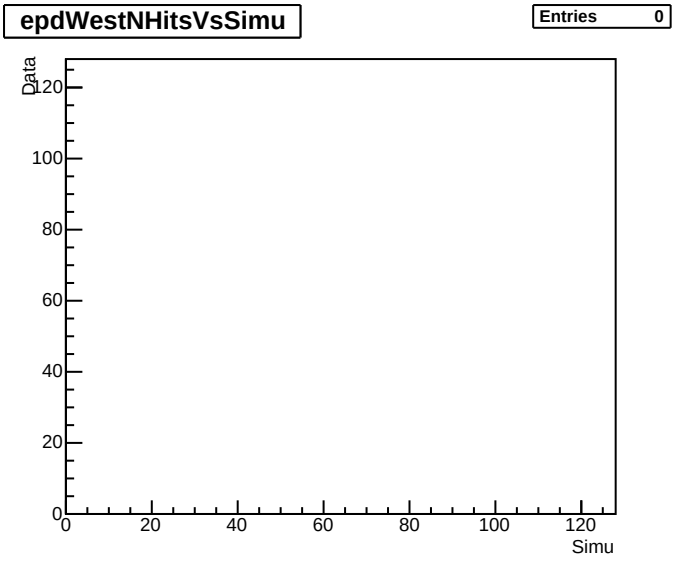
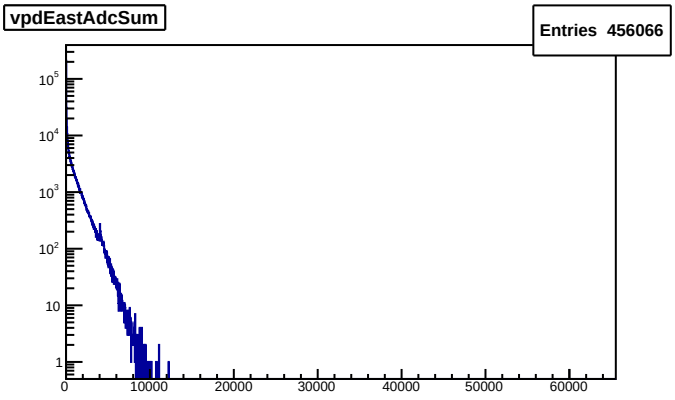
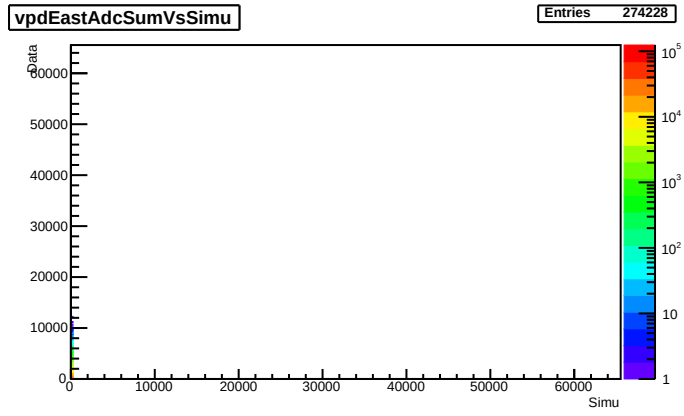
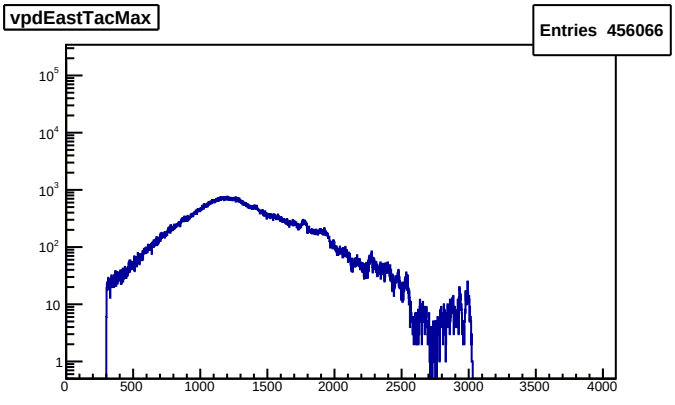
Entries 0
Data
Simu

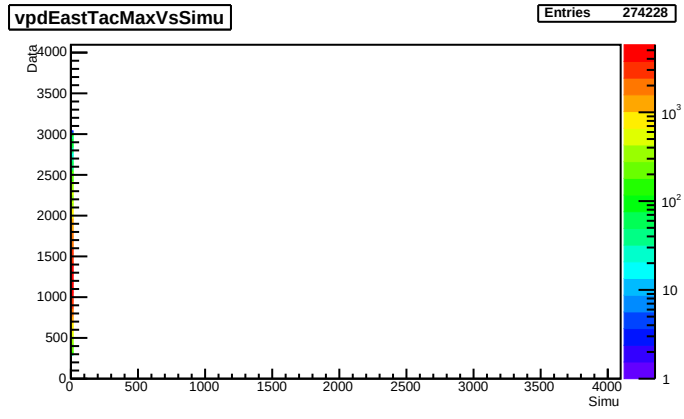

epdWestNHits
Entries 456066

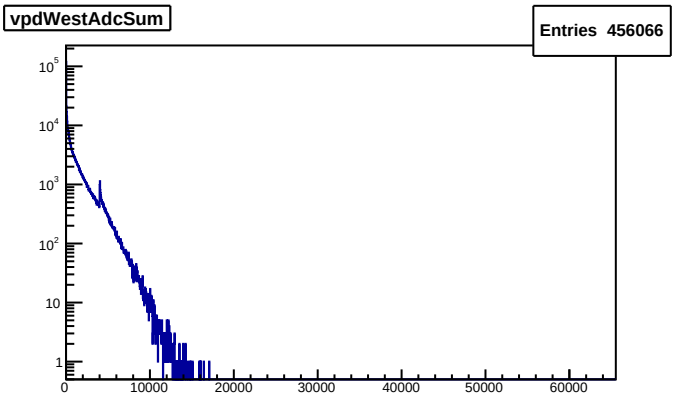

epdWestNHitsVsSimu
Entries 0
Data
Simu

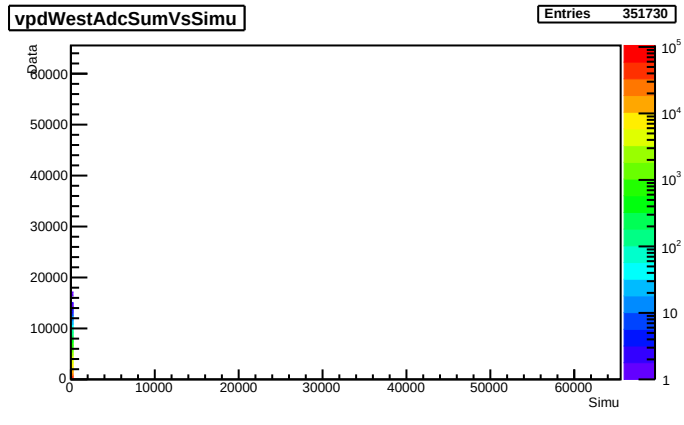

vpdEastAdcSum
Entries 456066

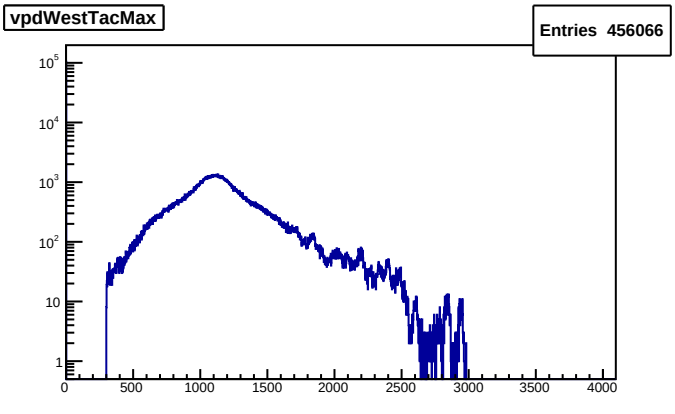

vpdEastAdcSumVsSimu
Entries 274228
Data
Simu

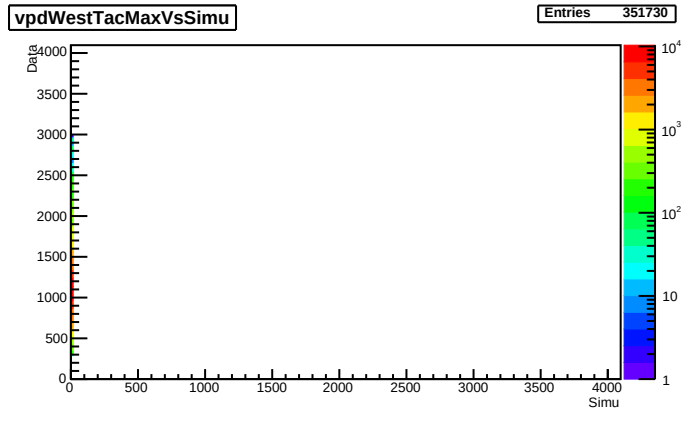

vpdEastTacMax
Entries 456066

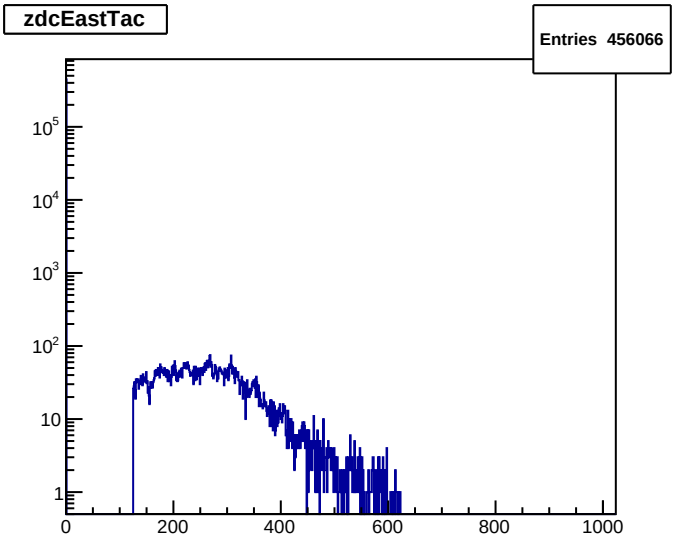

vpdEastTacMaxVsSimu
Entries 274228
Data
Simu

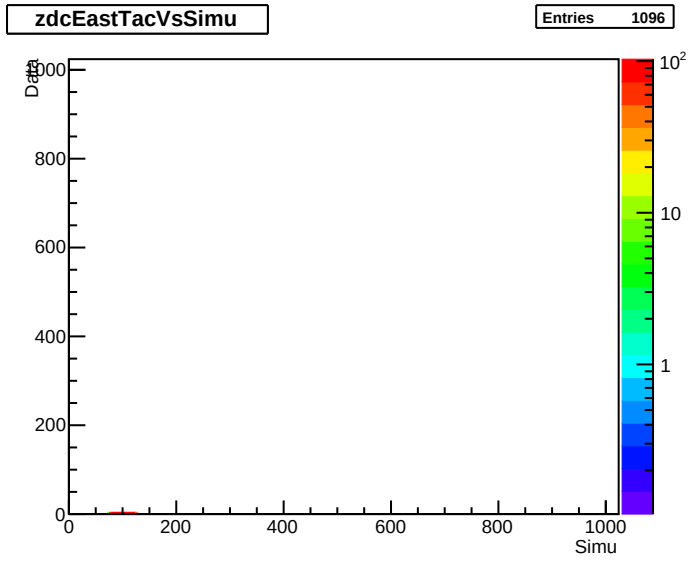

vpdWestAdcSum
Entries 456066

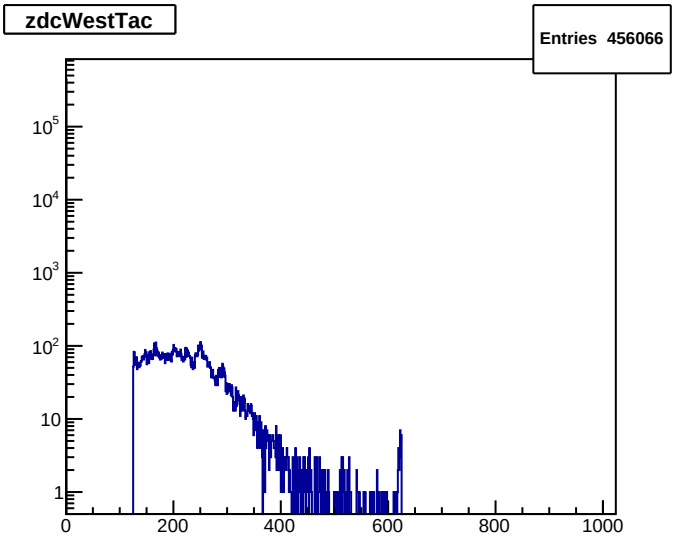

vpdWestAdcSumVsSimu
Entries 351730
Data
Simu

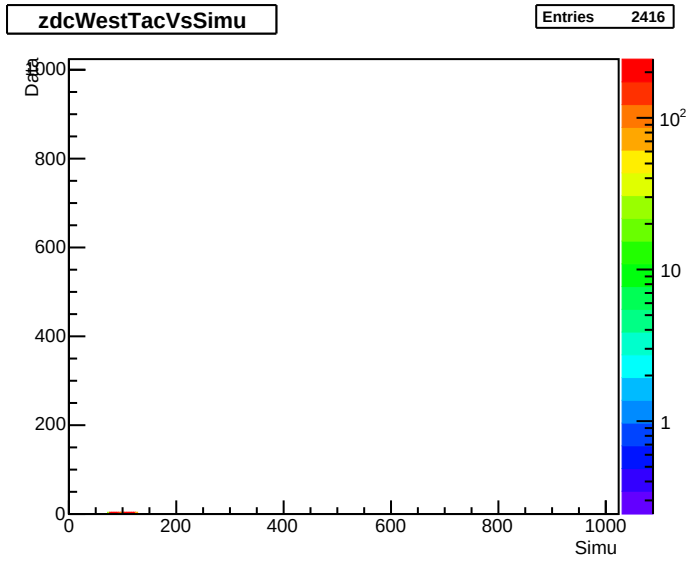

vpdWestTacMax
Entries 456066

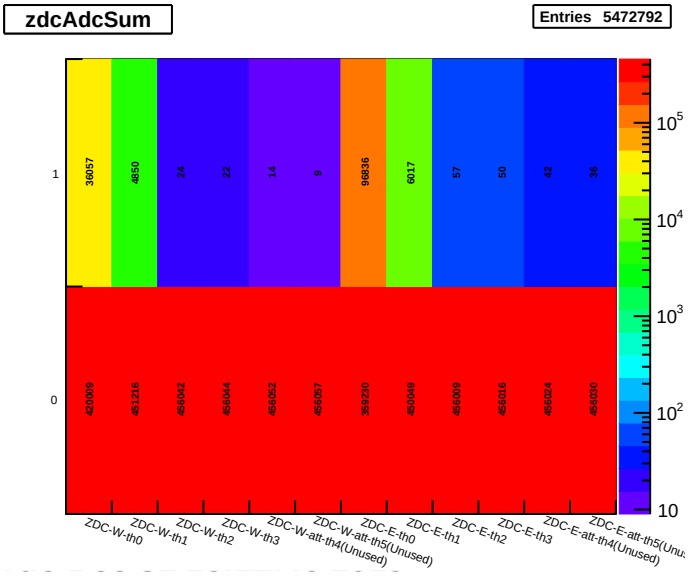

vpdWestTacMaxVsSimu
Entries 351730
Data
Simu

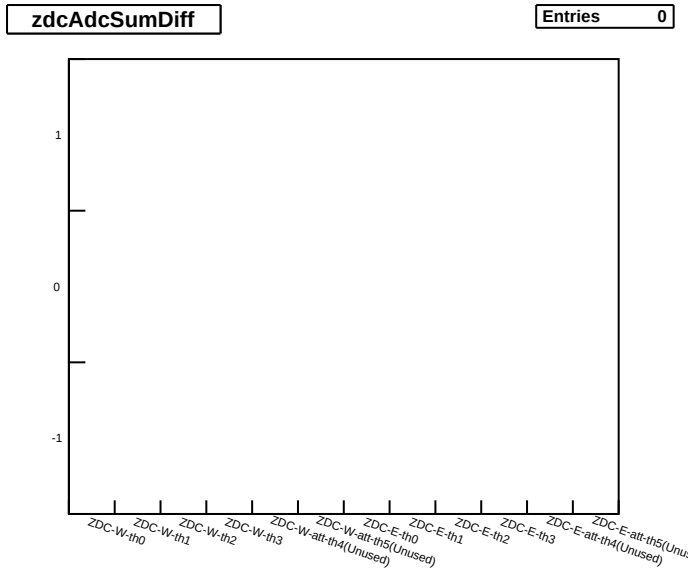

zdcEastTac
Entries 456066

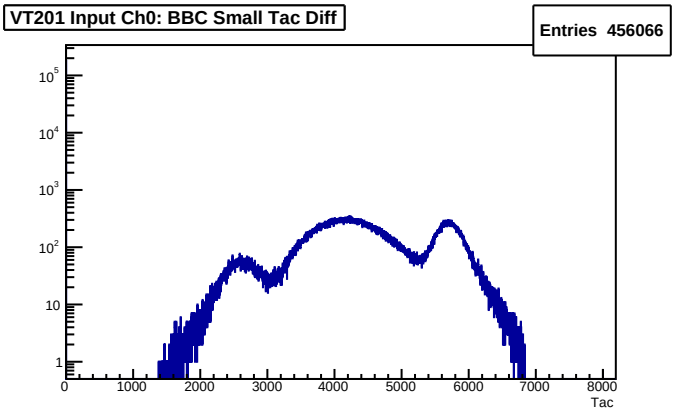

zdcEastTacVsSimu
Entries 1096
Data
Simu

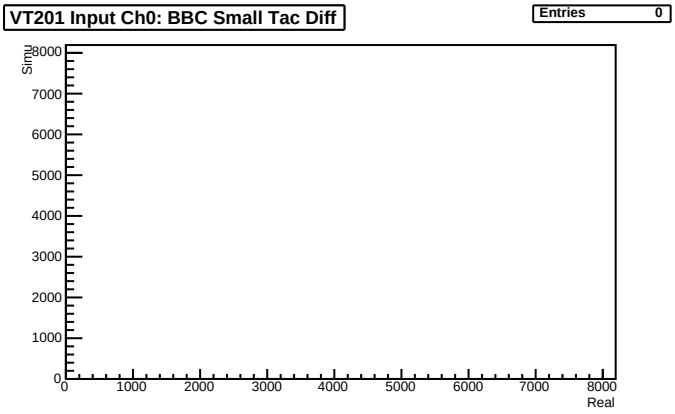

zdcWestTac
Entries 456066

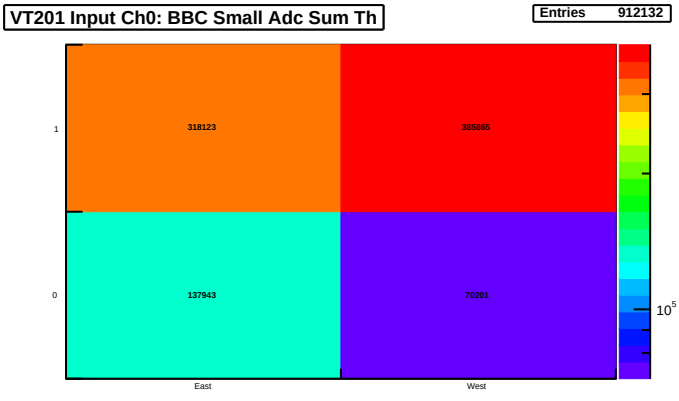

zdcWestTacVsSimu
Entries 2416
Data
Simu

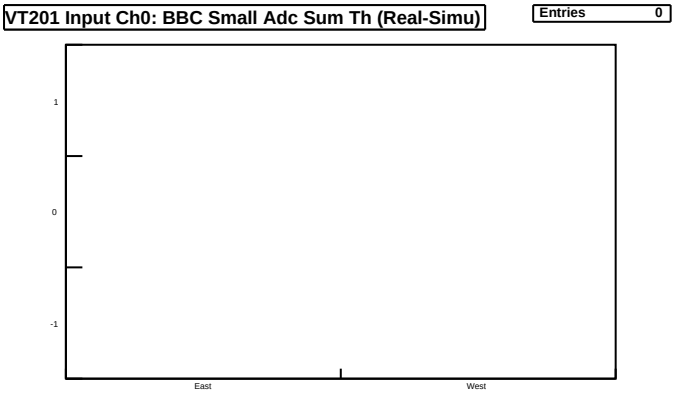

zdcAdcSum
Entries 5472792
36057
4850
24
22
14
9
96836
6017
57
50
42
36
420009
451216
456042
456044
456052
456057
359230
450049
456009
456016
456024
456030
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

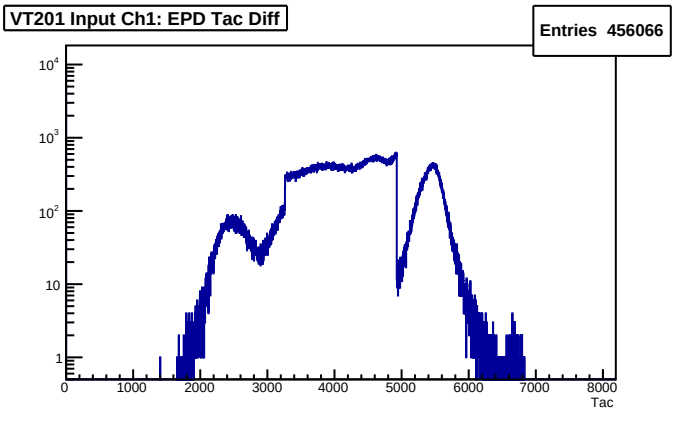

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

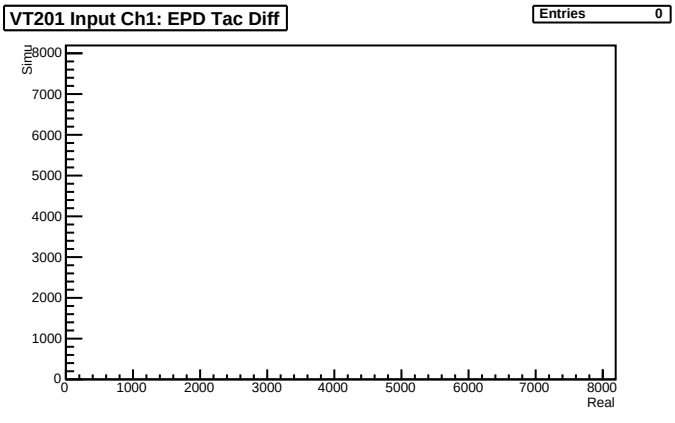

VT201 Input Ch0: BBC Small Tac Diff
Entries 456066
Tac

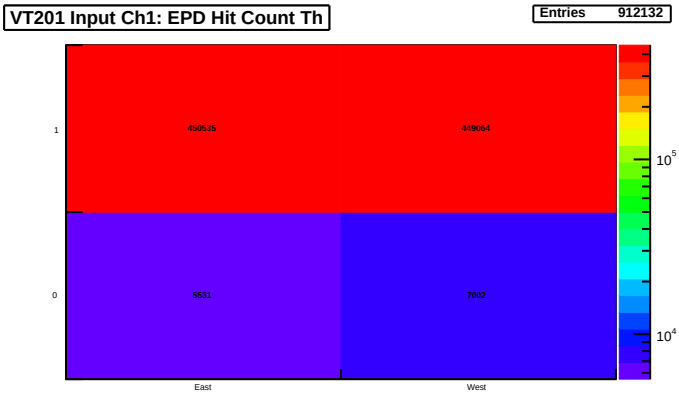

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

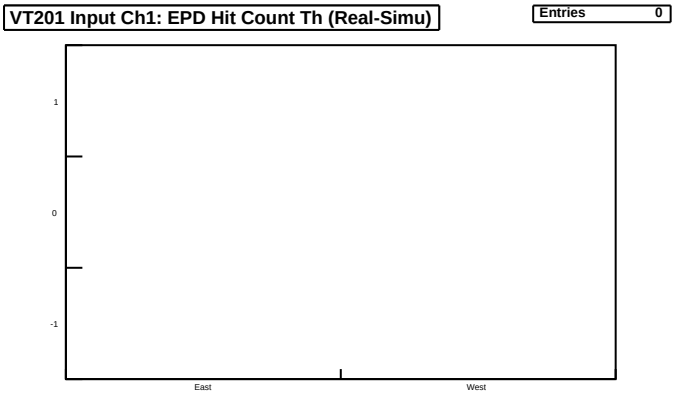

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 912132
318123
385865
137943
70201
East
West

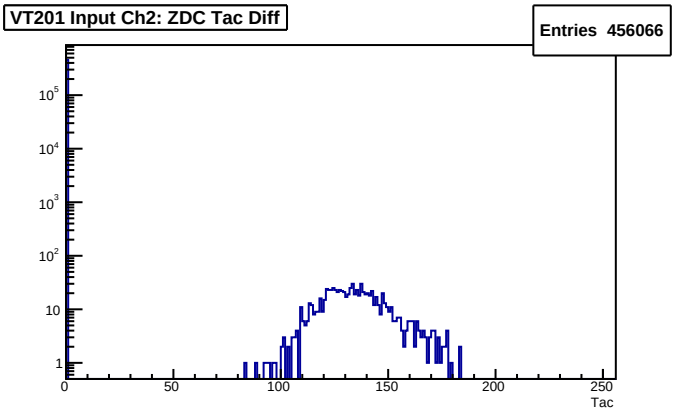

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

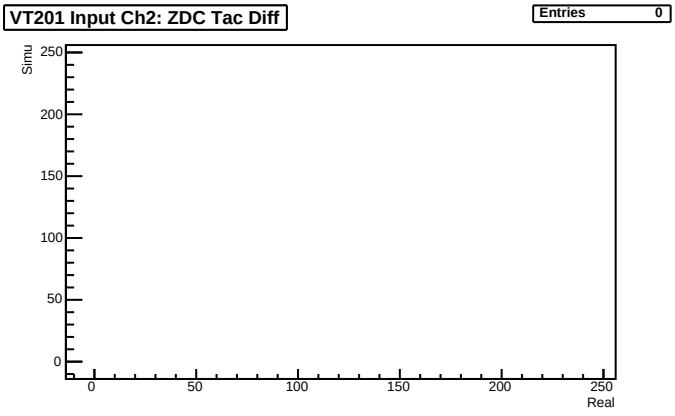

VT201 Input Ch1: EPD Tac Diff
Entries 456066
Tac

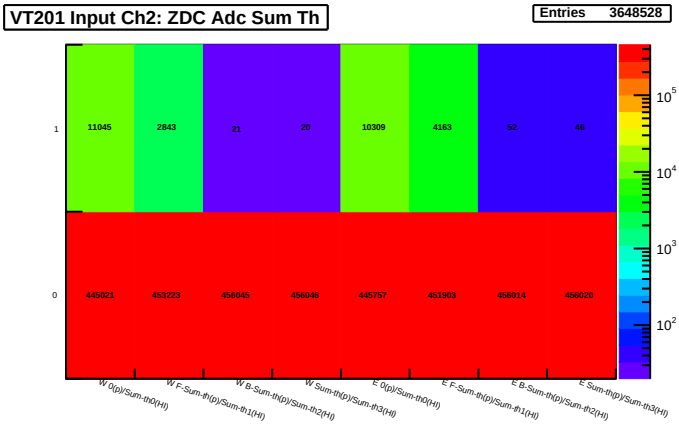

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

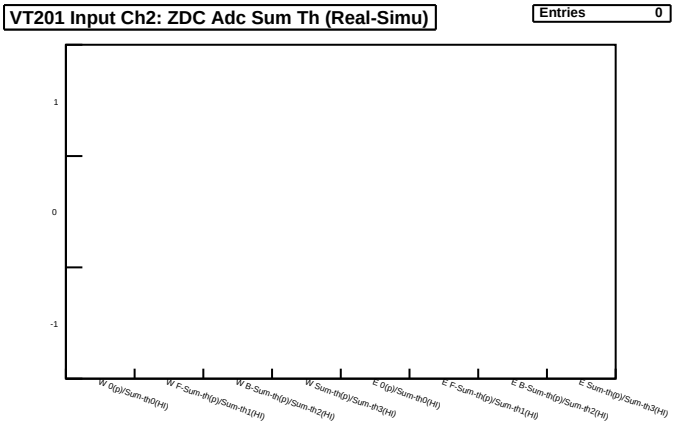

VT201 Input Ch1: EPD Hit Count Th
Entries 912132
450535
449064
5531
7002
East
West

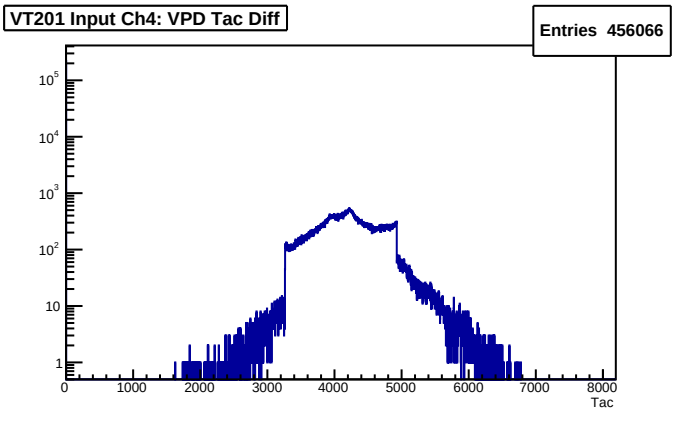

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

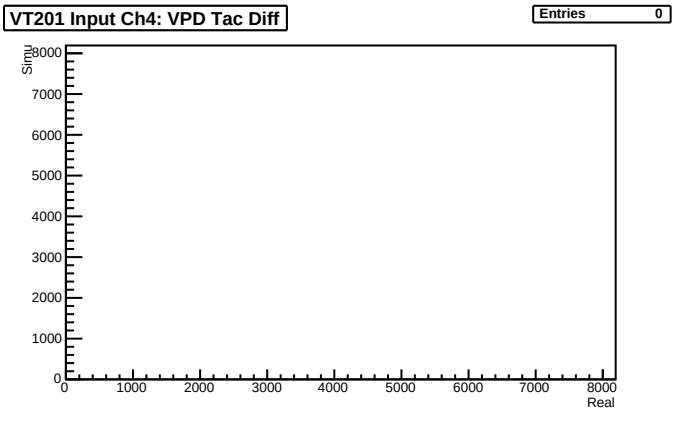

VT201 Input Ch2: ZDC Tac Diff
Entries 456066
Tac

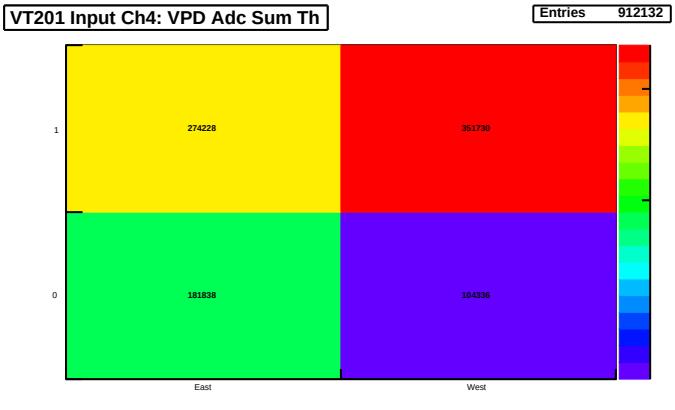

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

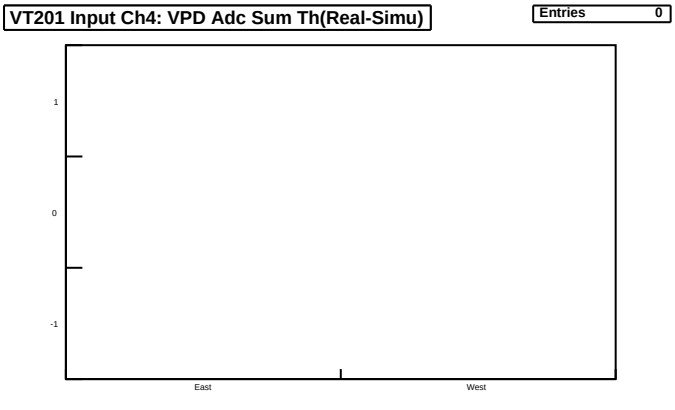

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3648528
11045
2843
21
20
10309
4163
52
46
445021
453223
456045
456046
445757
451903
456014
456020
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

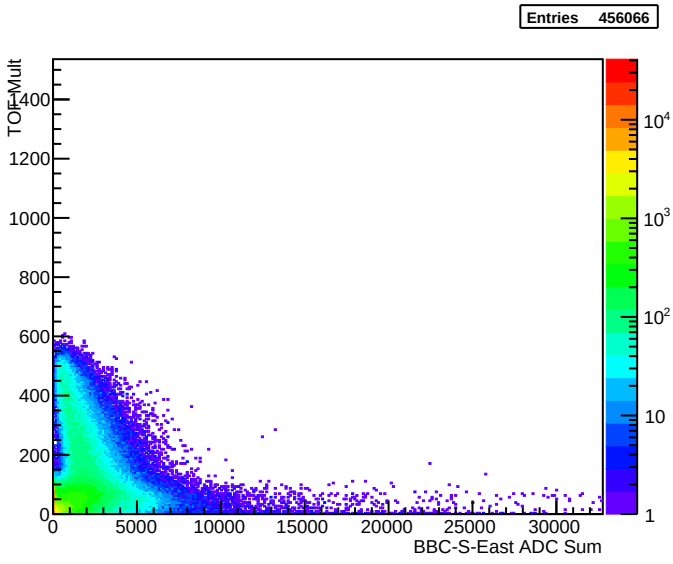

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

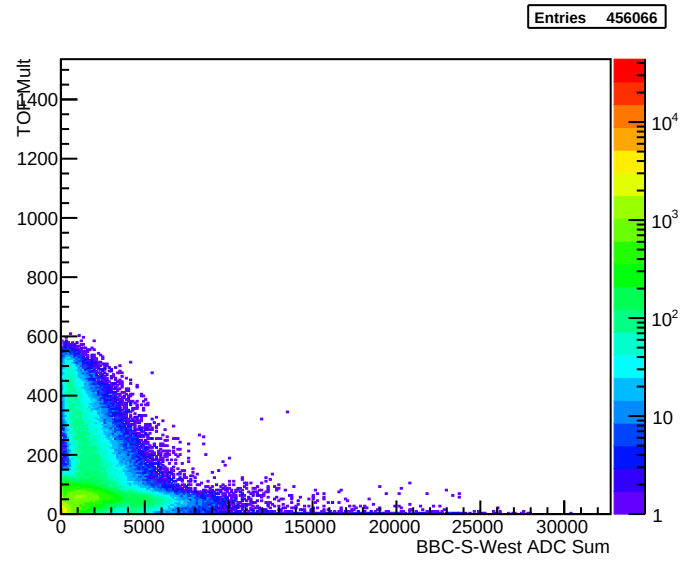

VT201 Input Ch4: VPD Tac Diff
Entries 456066
Tac

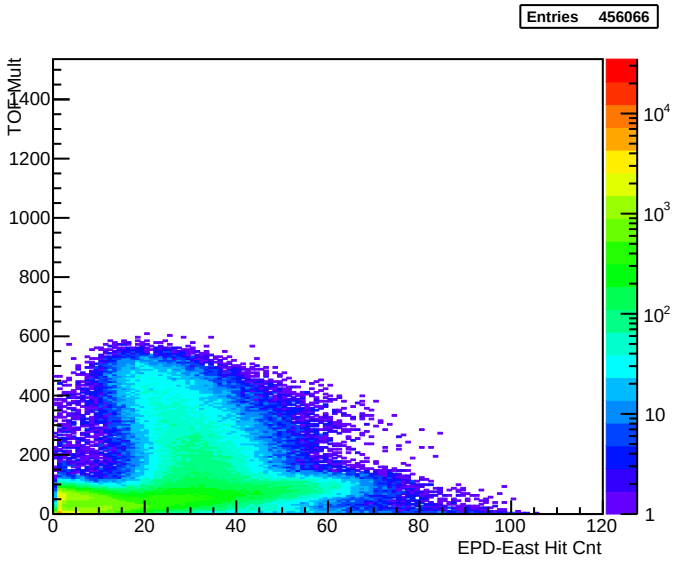

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

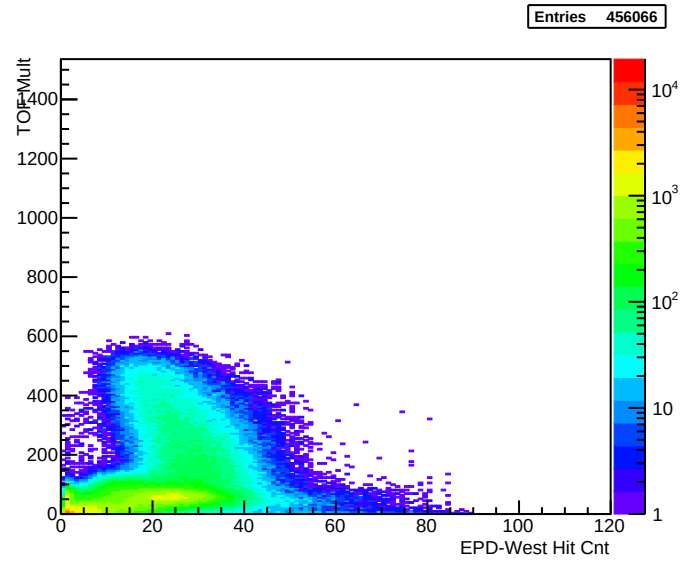

VT201 Input Ch4: VPD Adc Sum Th
Entries 912132
274228
351730
181838
104336
East
West

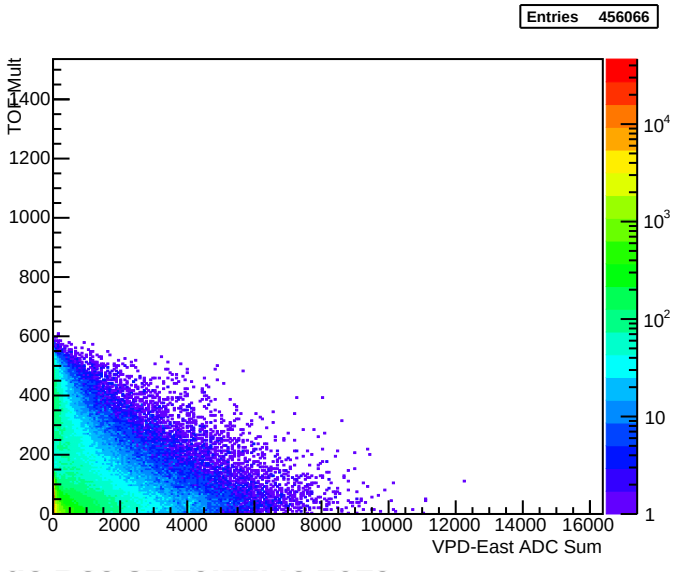

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

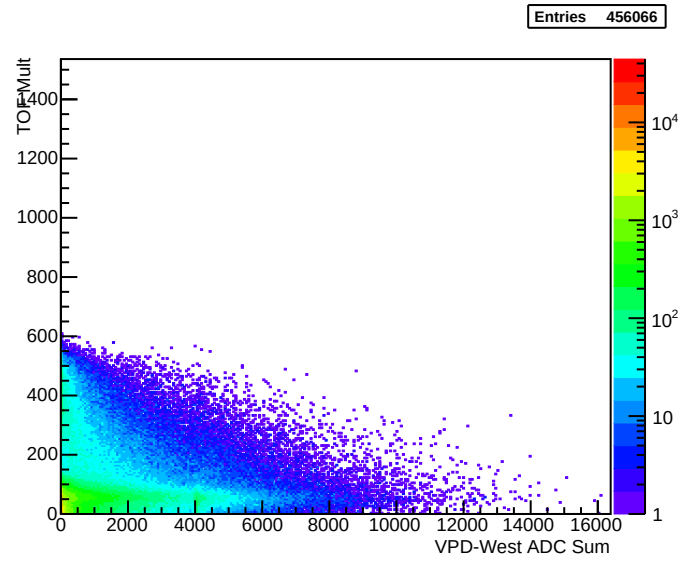

Entries 456066
TOF-Mult
BBC-S-East ADC Sum

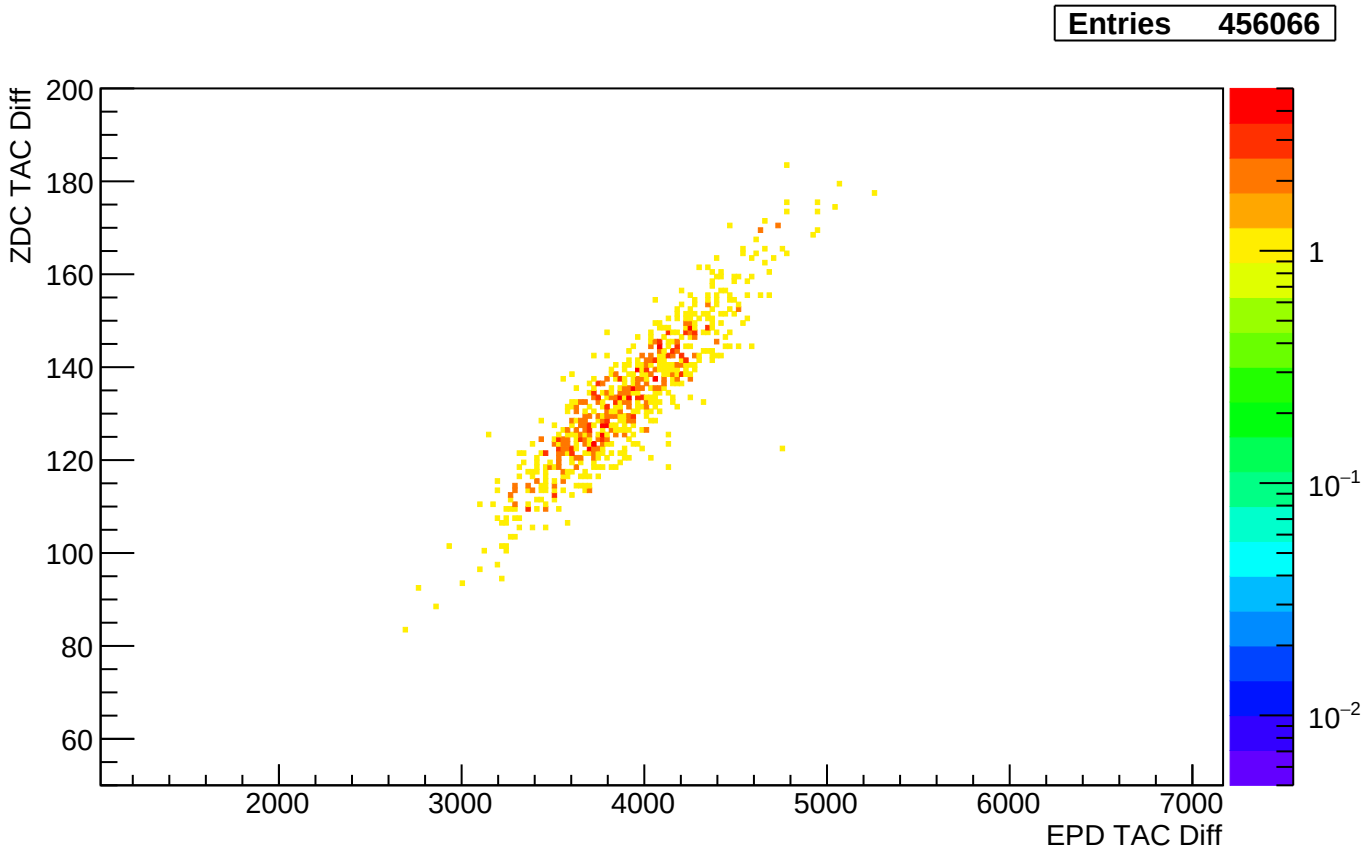

Entries 456066
TOF-Mult
BBC-S-West ADC Sum

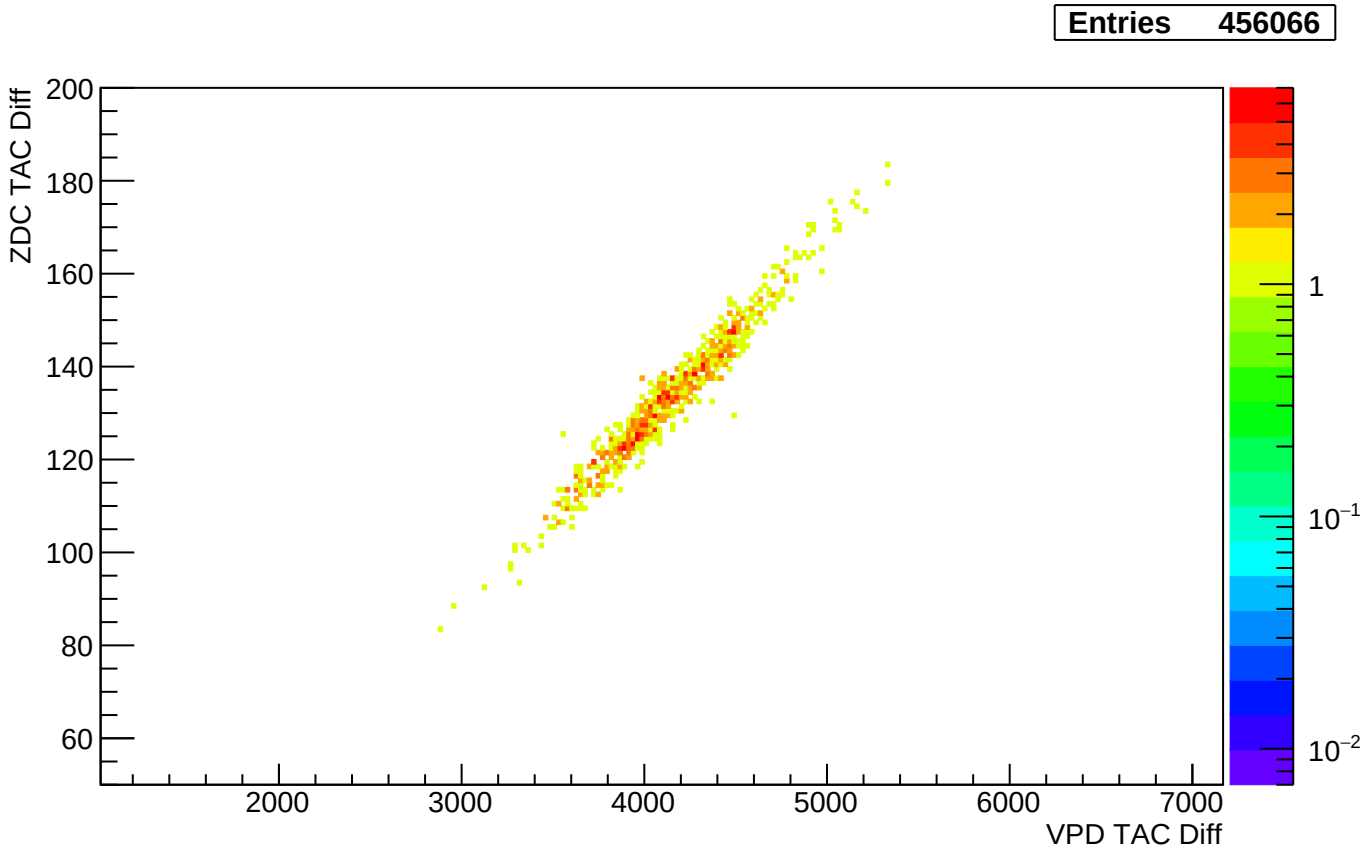

Entries 456066
TOF-Mult
EPD-East Hit Cnt

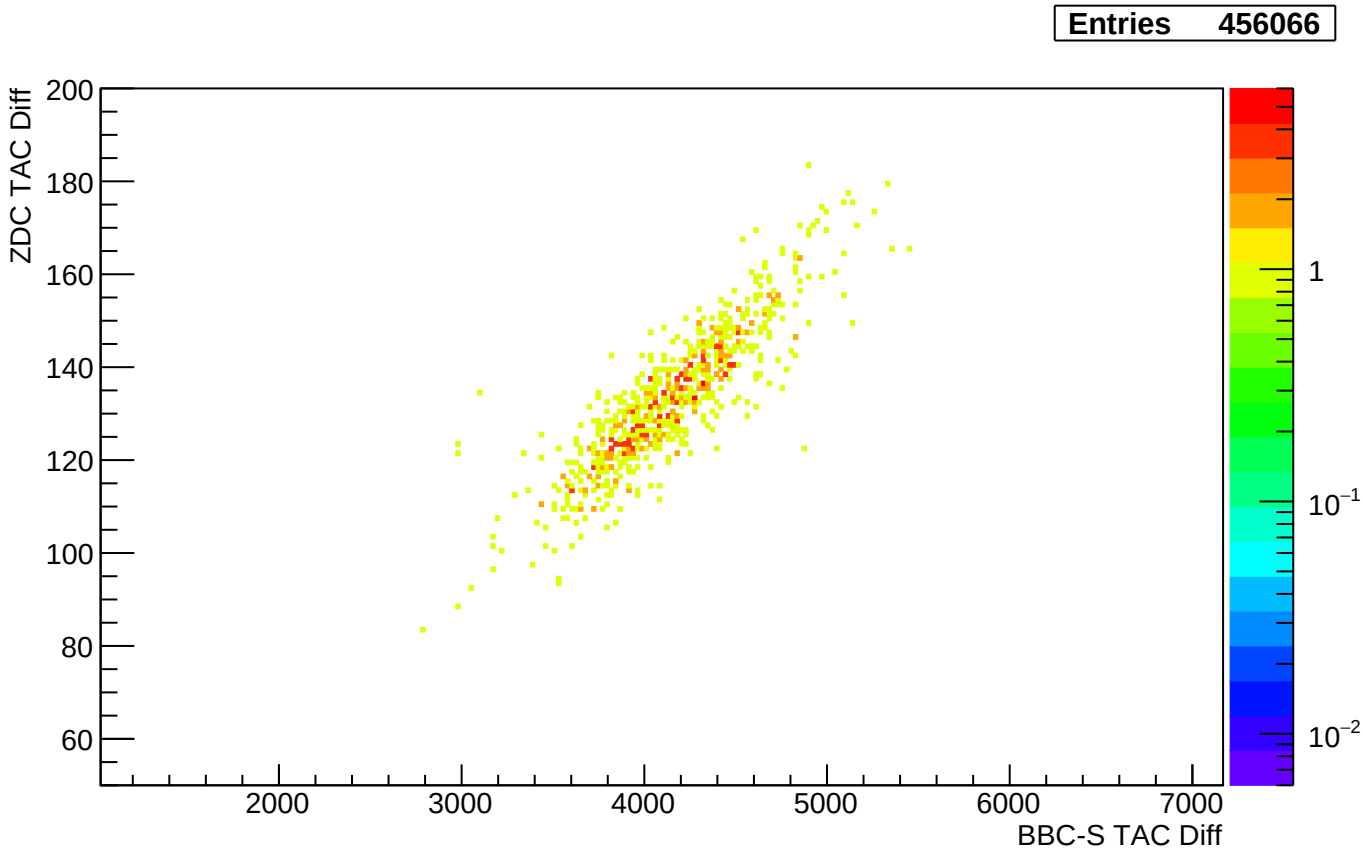

Entries 456066
TOF-Mult
EPD-West Hit Cnt

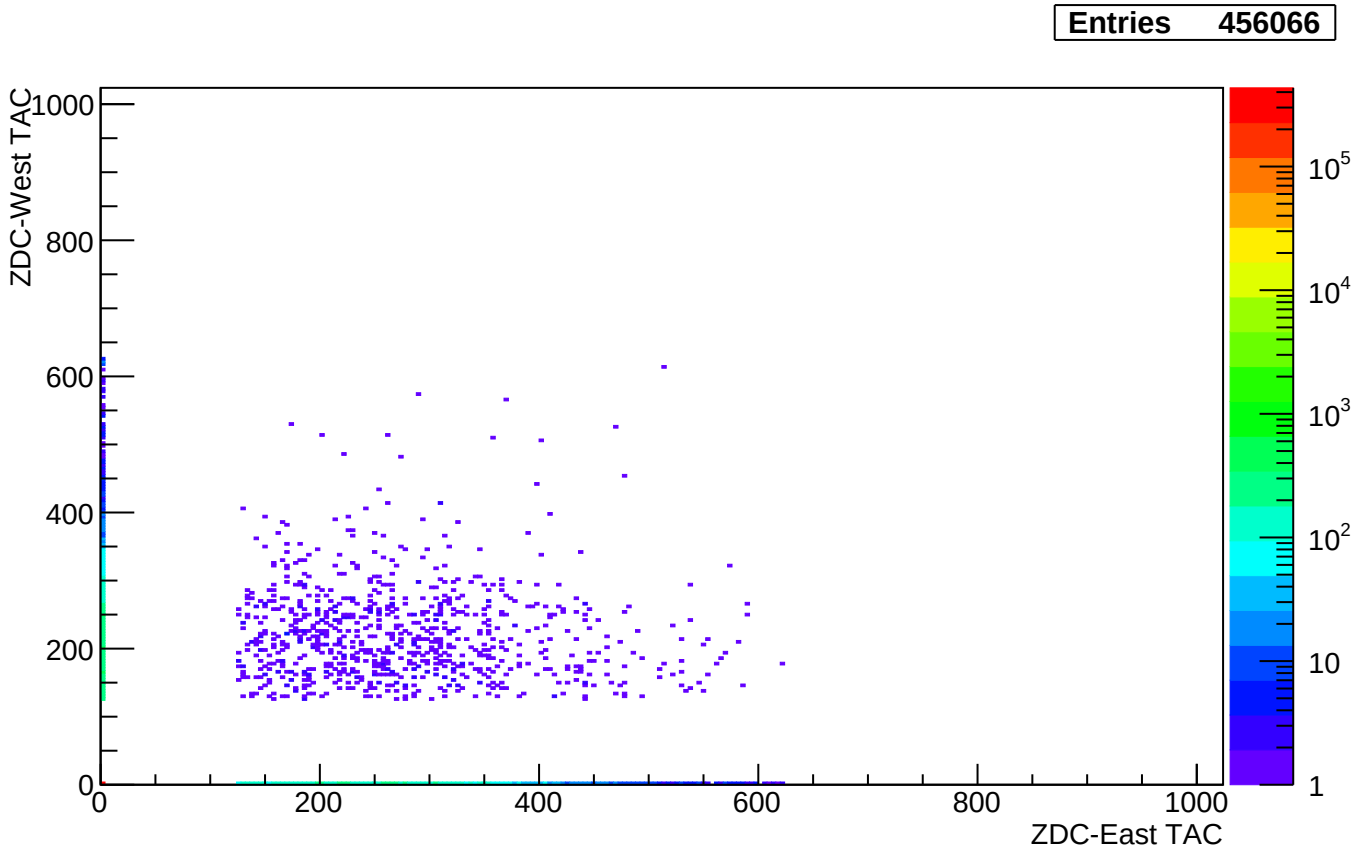

Entries 456066
TOF-Mult
VPD-East ADC Sum

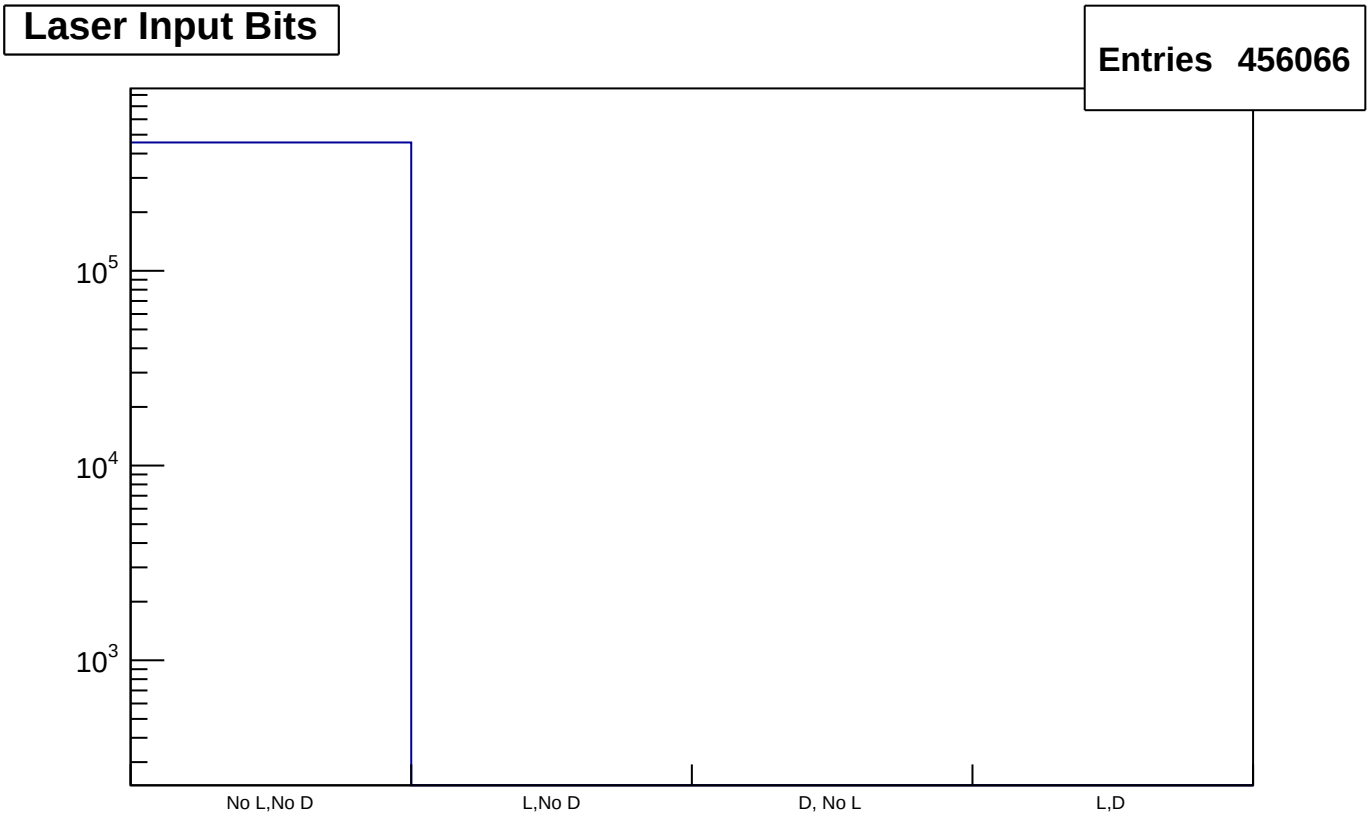

Entries 456066
TOF-Mult
VPD-West ADC Sum

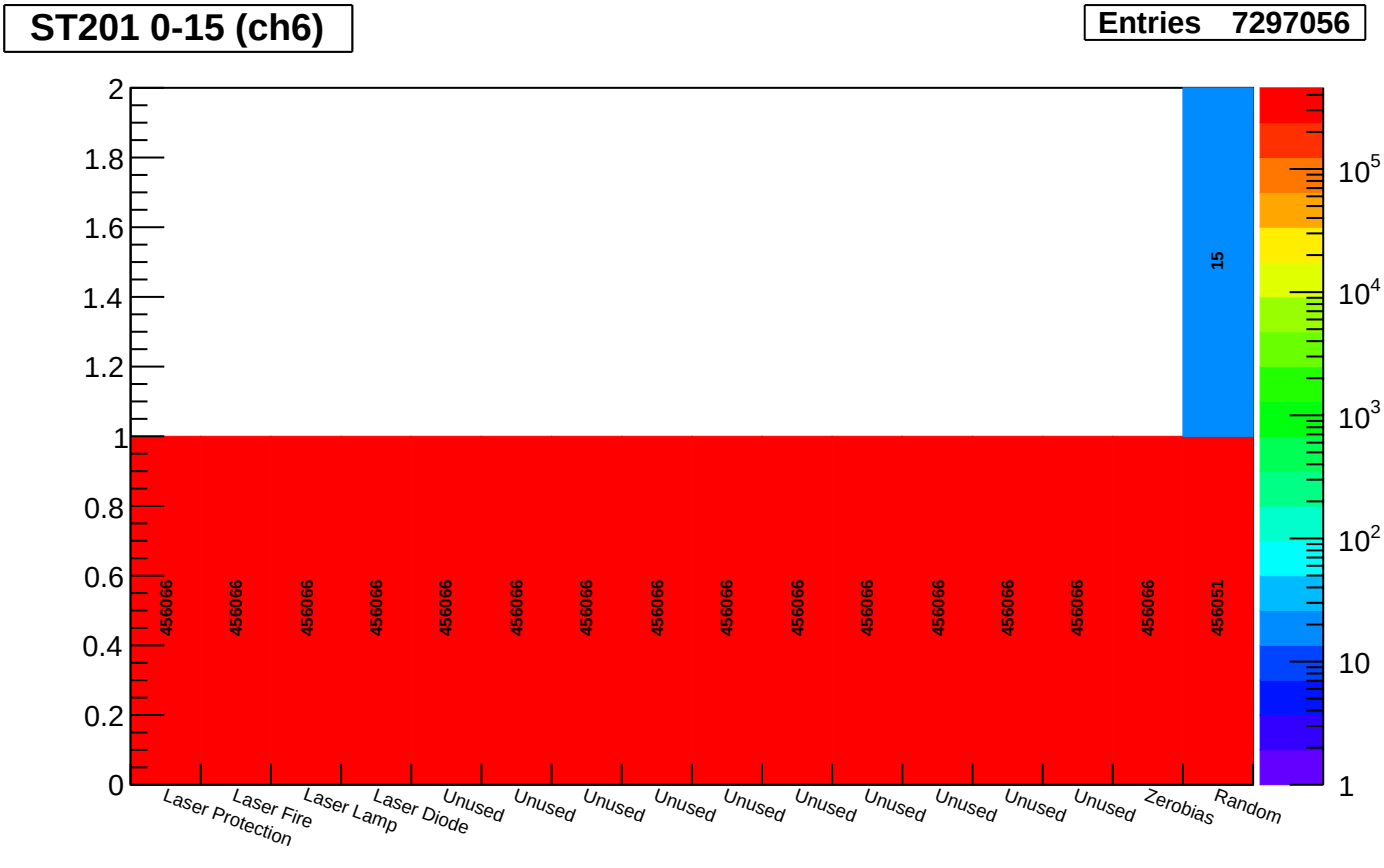

Entries 456066
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

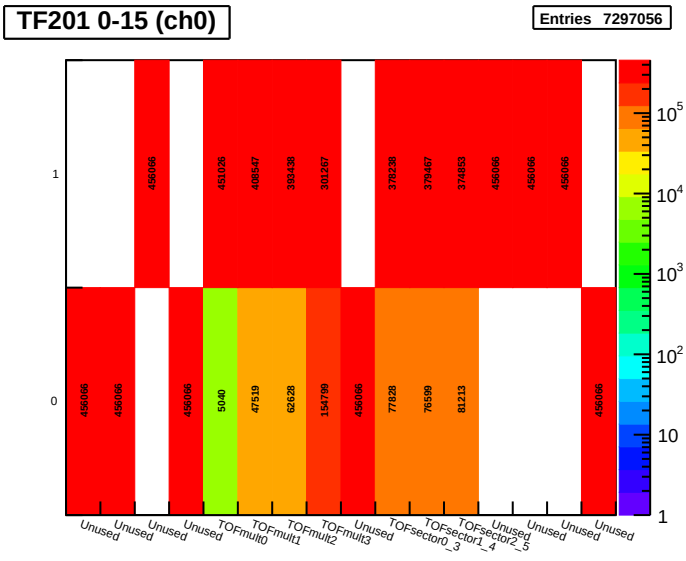

Entries 456066
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

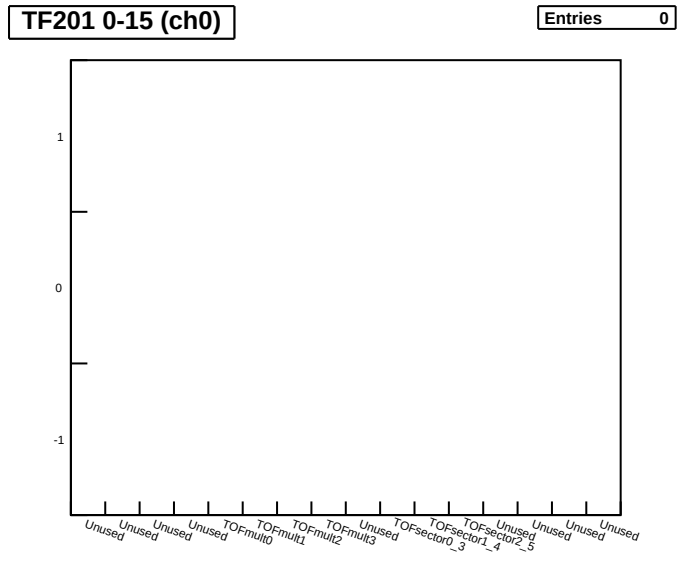

Entries 456066
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

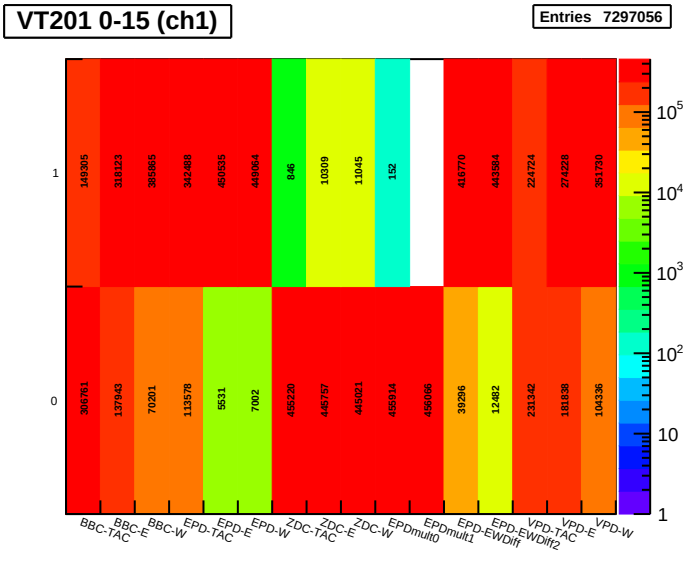

Entries 456066
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

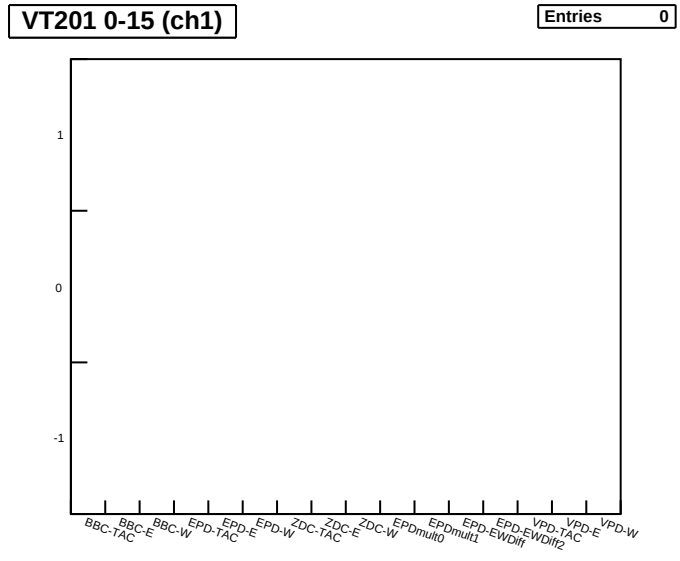

Laser Input Bits
Entries 456066
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

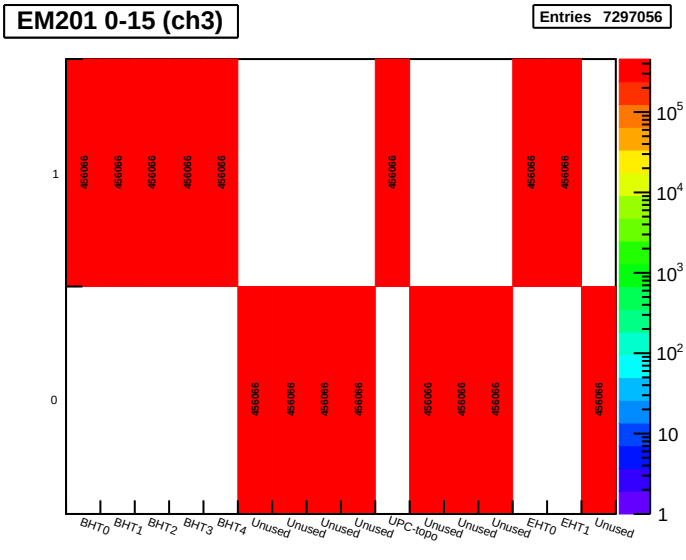

ST201 0-15 (ch6)
Entries 7297056
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
15
456066
456051
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

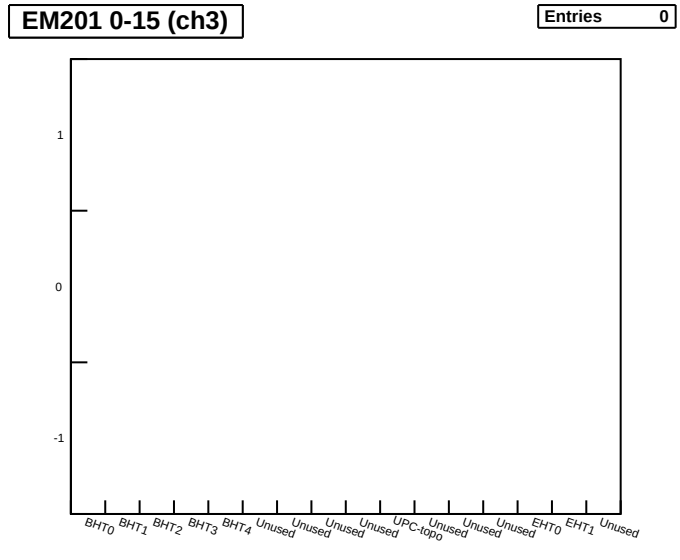

TF201 0-15 (ch0)
Entries 7297056
1
0
456066 451026 408547 382438 301267 378238 379467 374853 456066 456066 456066
456066 456066 456066 5040 47519 62628 154799 456066 77828 76599 81213 456066
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 7297056
1
0
149305 318123 365865 342488 450535 449064 846 10309 11045 152 416770 443584 224724 274228 351730
306761 137943 70201 113578 5531 7002 456220 446757 445021 455914 456066 39296 12482 231342 181838 104336
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff 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 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 7297056
1
0
456066 456066 456066 456066 456066 456066 456066 456066
456066 456066 456066 456066 456066 456066 456066 456066
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