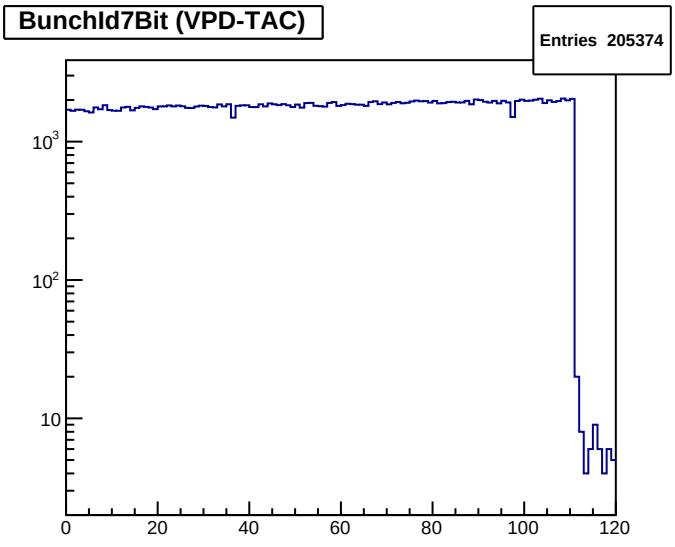
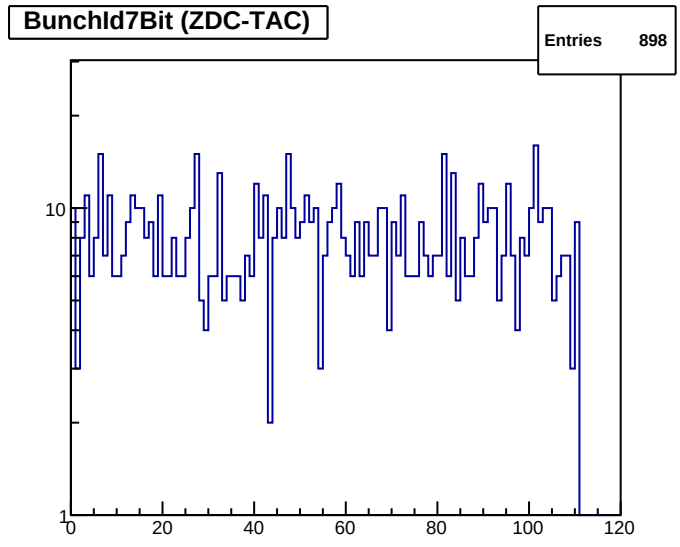
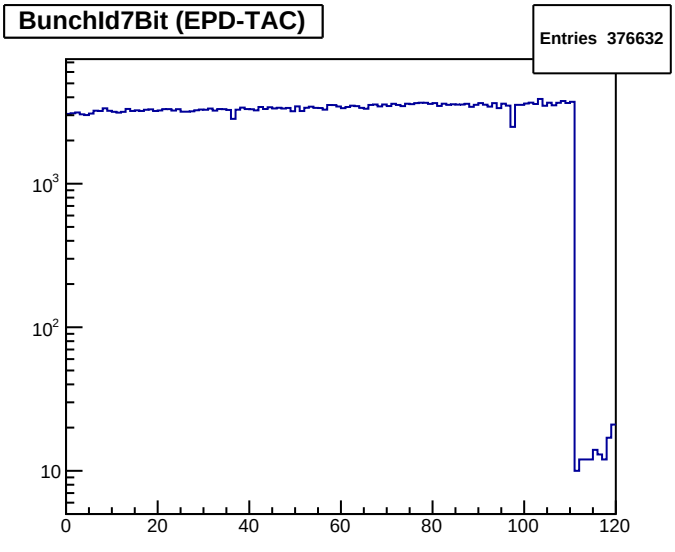
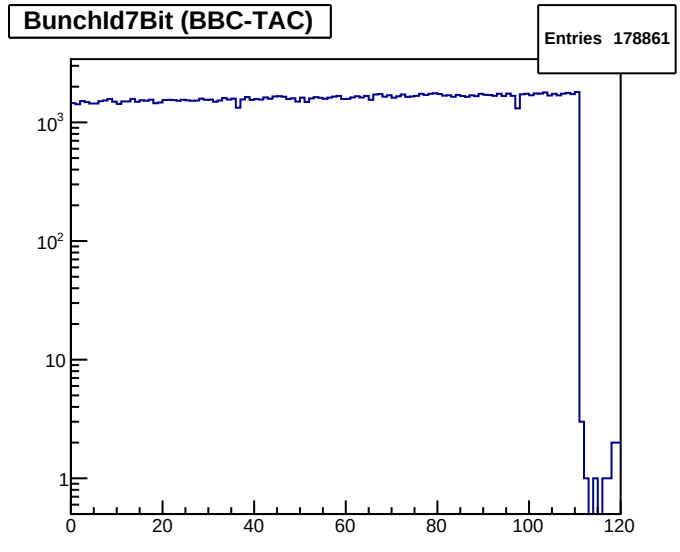
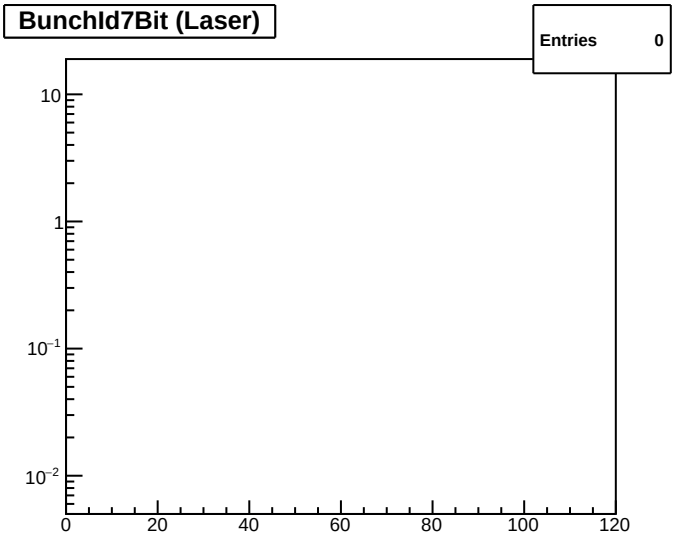
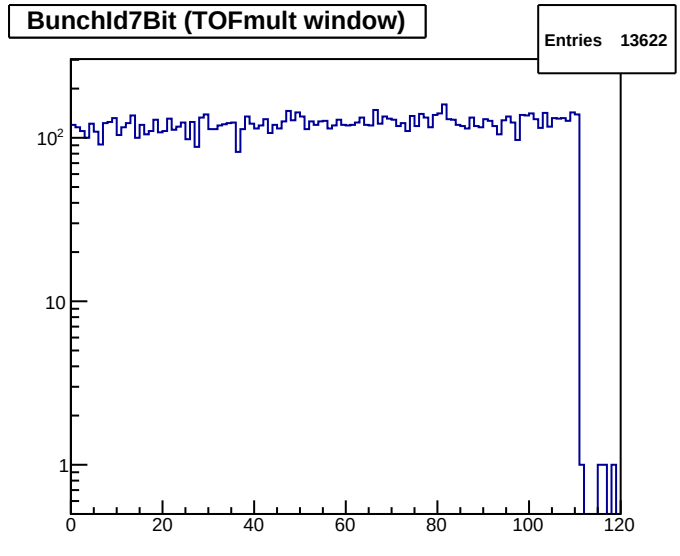

BunchId7Bit (VPD-TAC)
Entries 205374

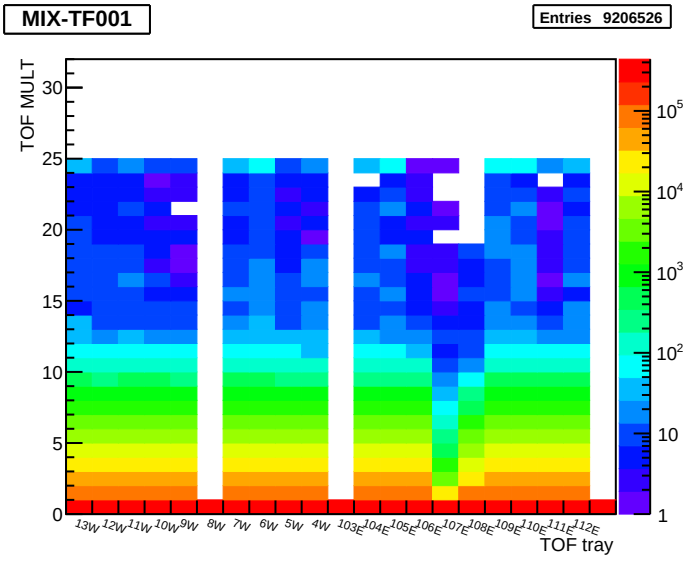

BunchId7Bit (ZDC-TAC)
Entries 898

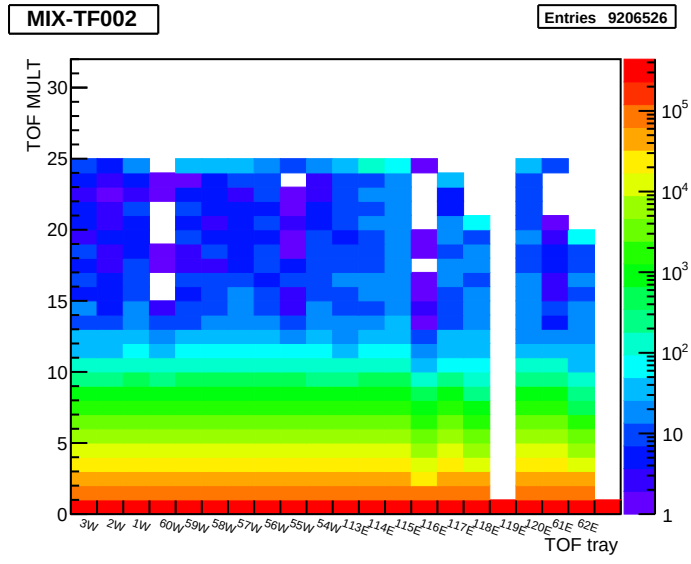

BunchId7Bit (EPD-TAC)
Entries 376632

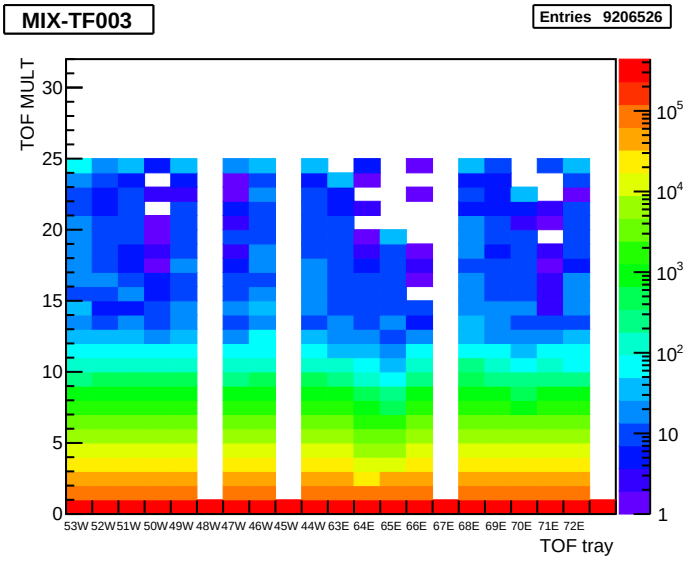

BunchId7Bit (BBC-TAC)
Entries 178861

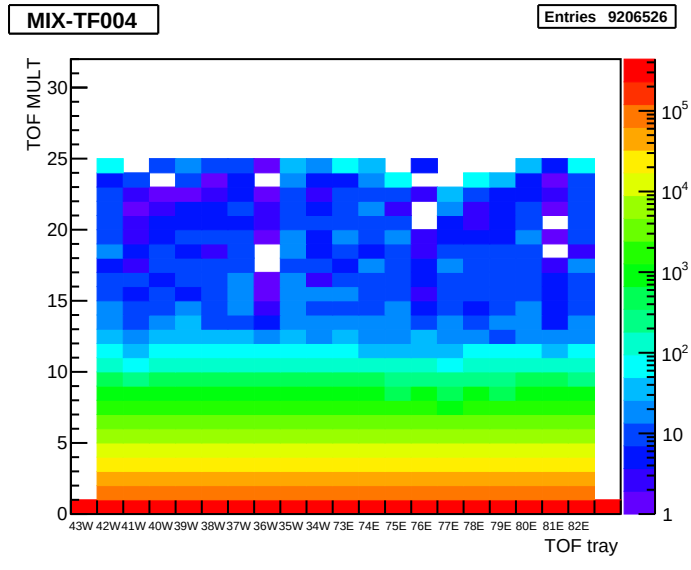

BunchId7Bit (Laser)
Entries 0

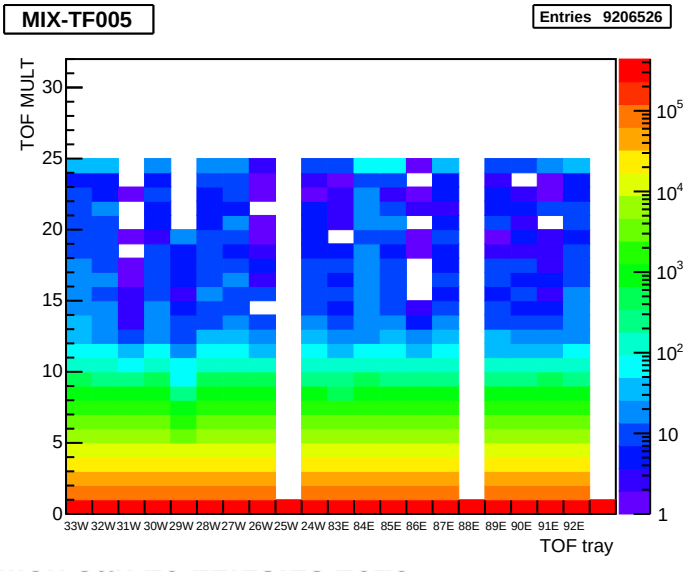

BunchId7Bit (TOFmult window)
Entries 13622

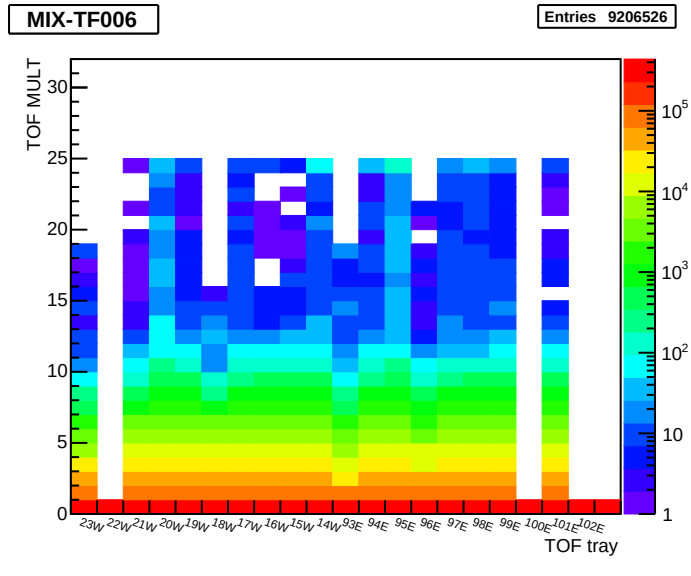

MIX-TF001
Entries 9206526
TOF MULT
TOF tray

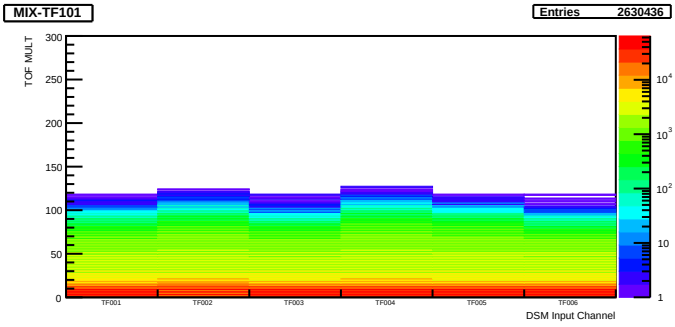

MIX-TF002
Entries 9206526
TOF MULT
TOF tray

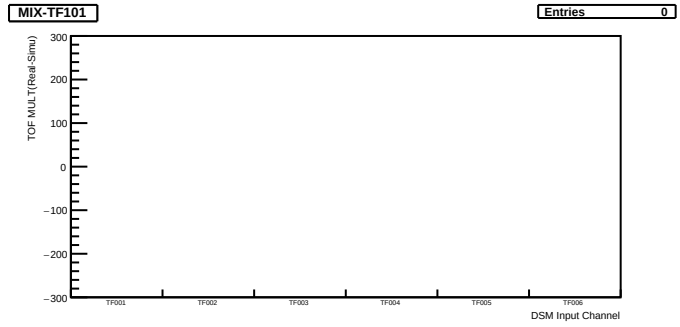

MIX-TF003
Entries 9206526
TOF MULT
TOF tray

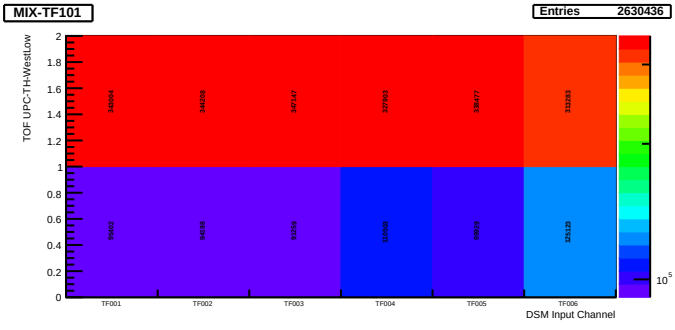

MIX-TF004
Entries 9206526
TOF MULT
TOF tray

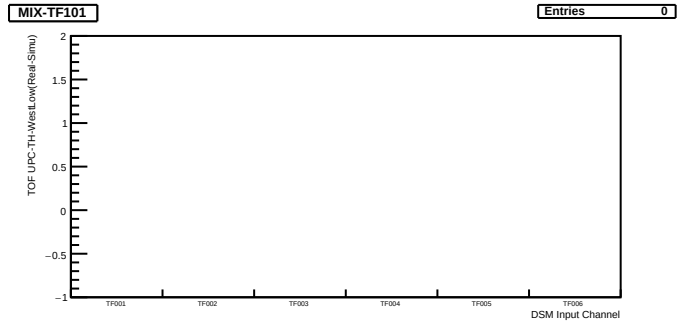

MIX-TF005
Entries 9206526
TOF MULT
TOF tray

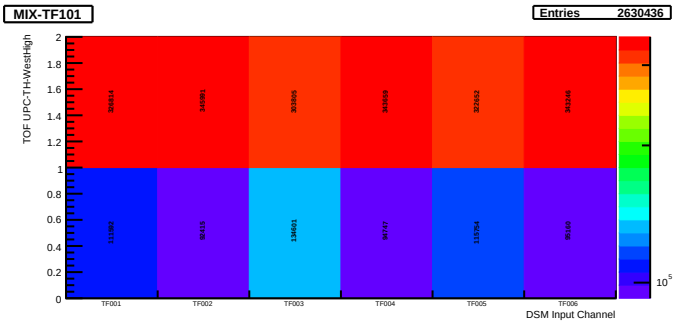

MIX-TF006
Entries 9206526
TOF MULT
TOF tray

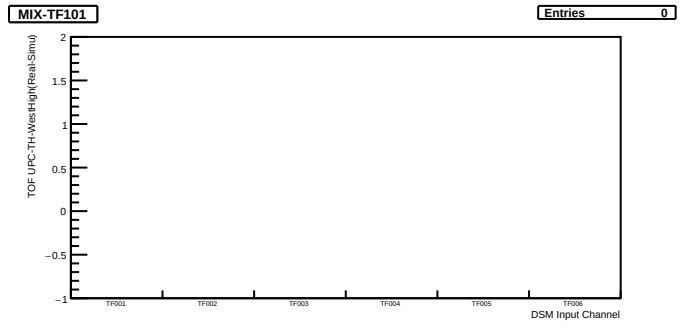

MIX-TF101
Entries 2630436
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

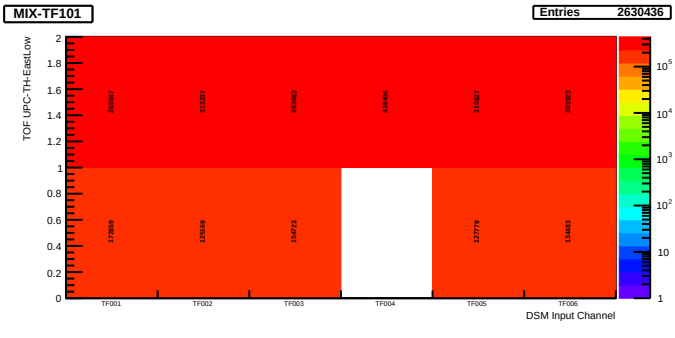

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

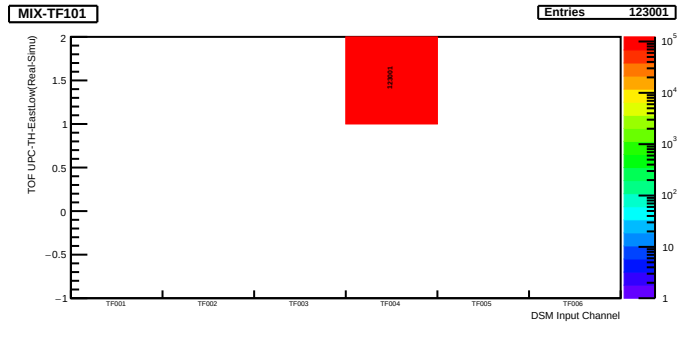

MIX-TF101
Entries 2630436
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

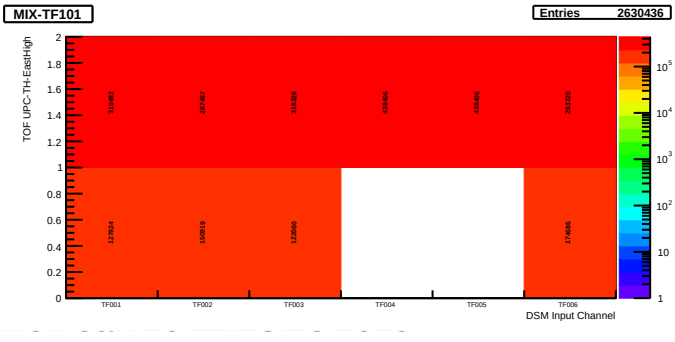

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

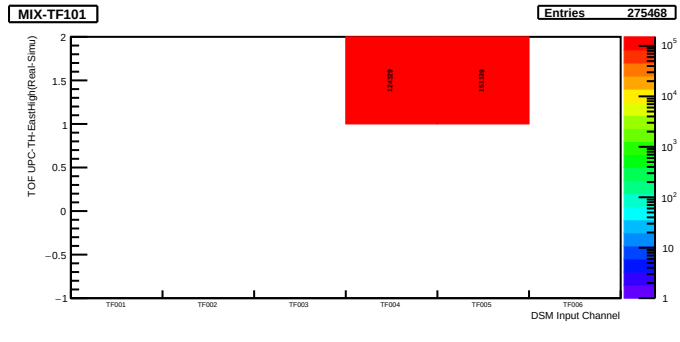

MIX-TF101
Entries 2630436
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

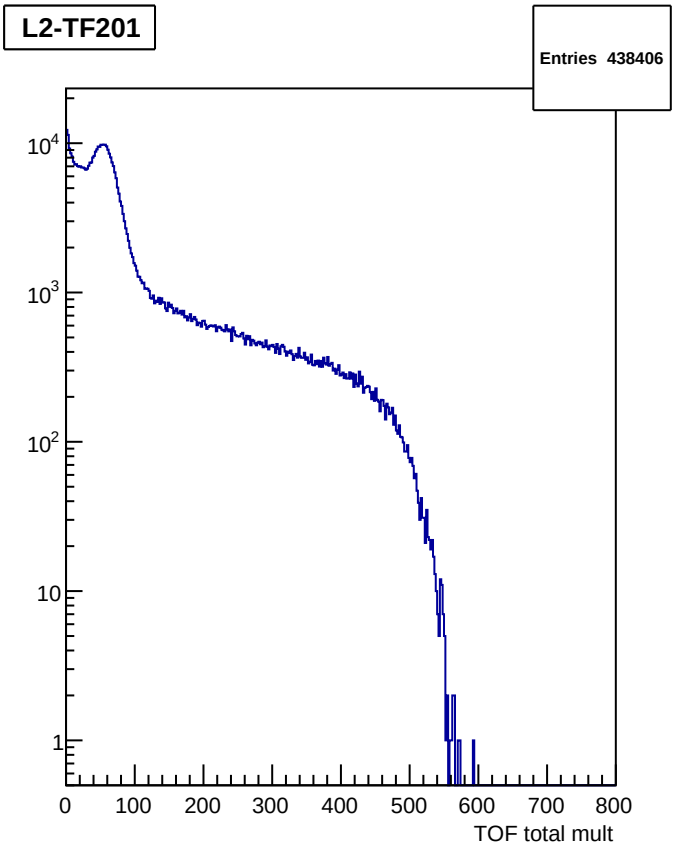

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

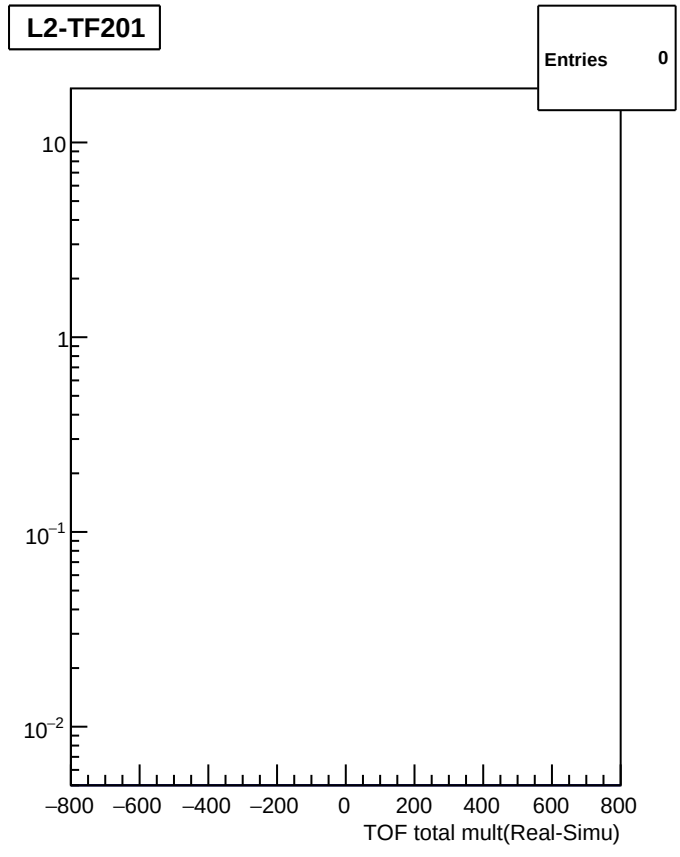

MIX-TF101
Entries 2630436
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

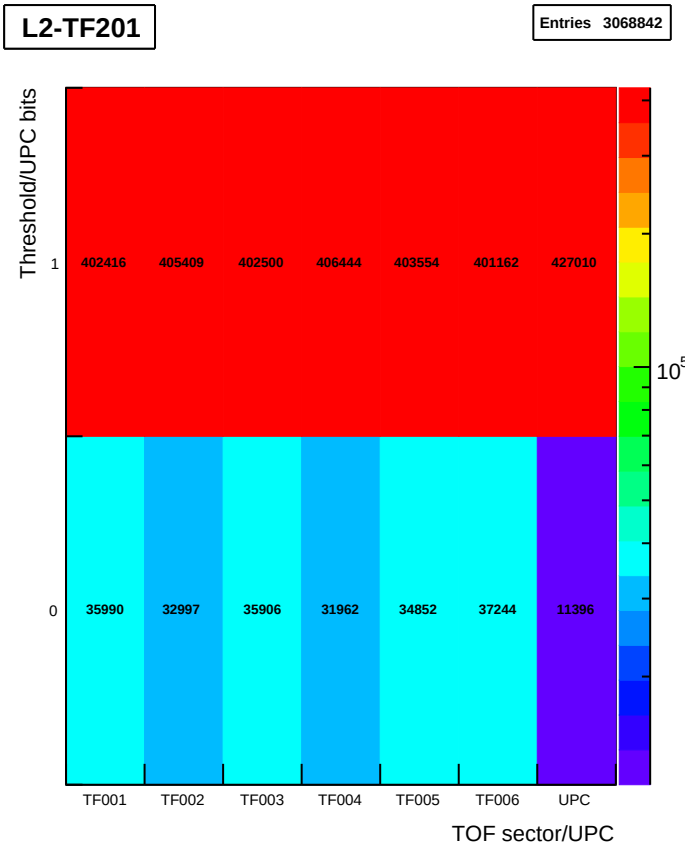

MIX-TF101
Entries 123001
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

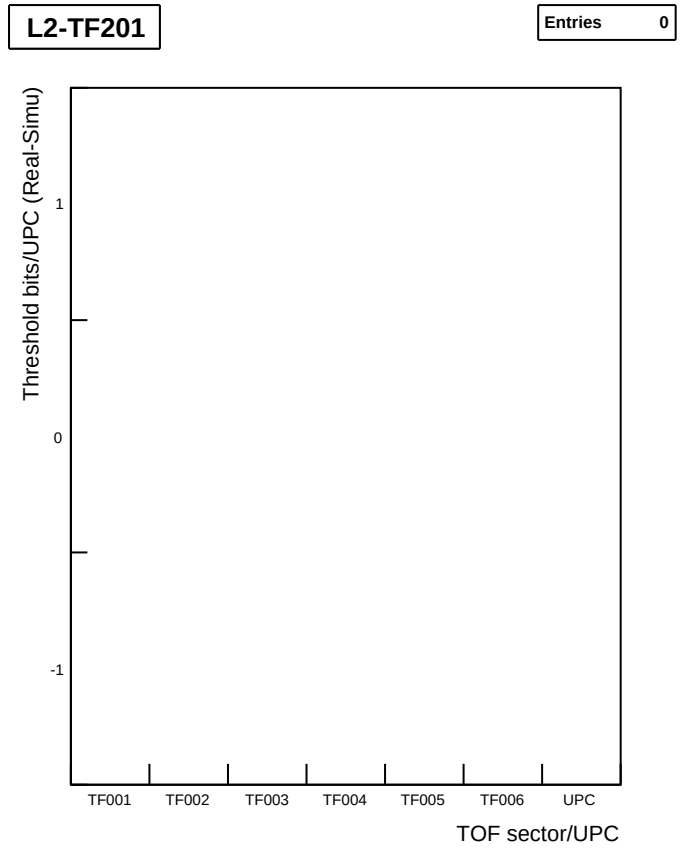

MIX-TF101
Entries 2630436
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

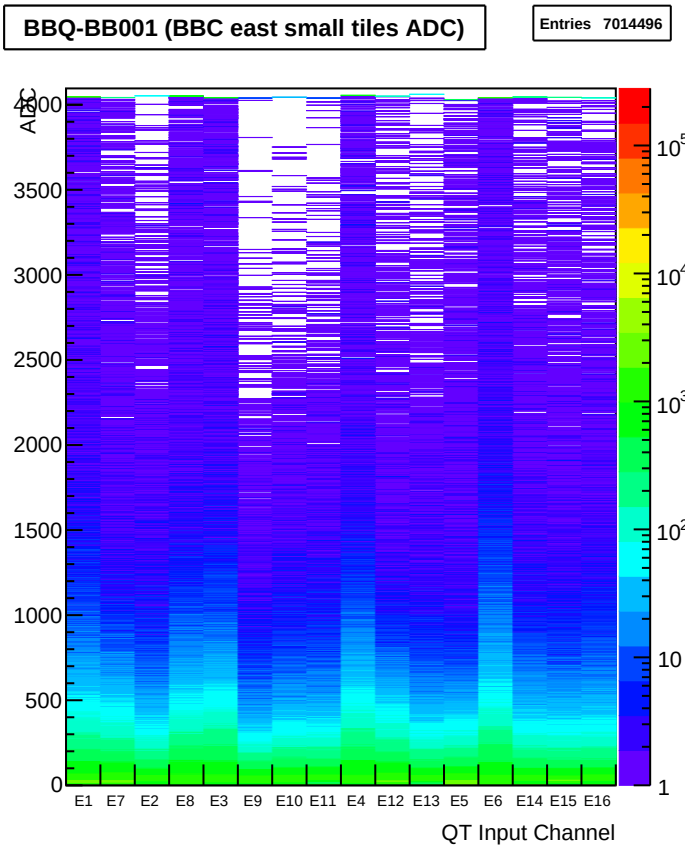

MIX-TF101
Entries 275468
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

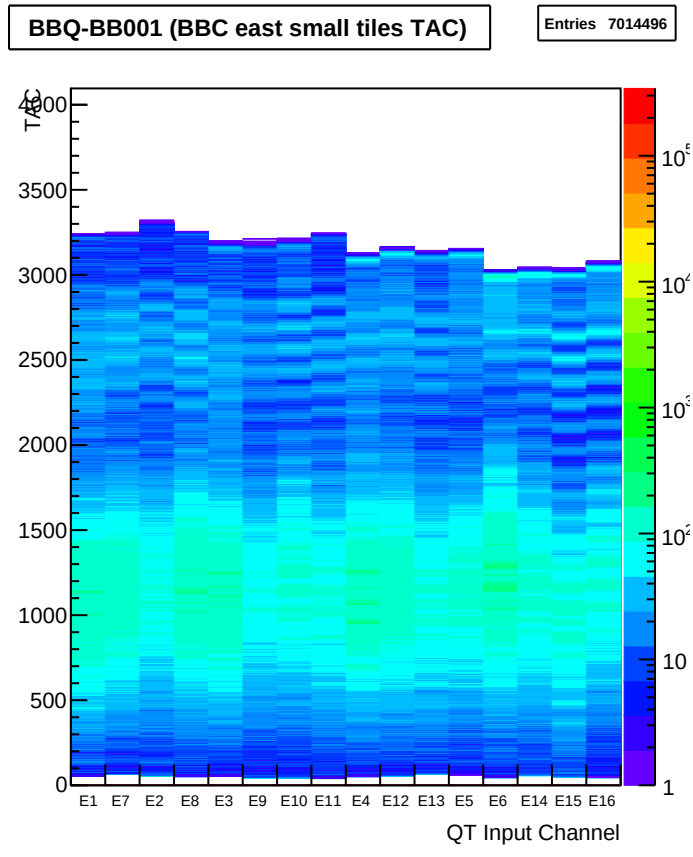

L2-TF201
Entries 438406
TOF total mult

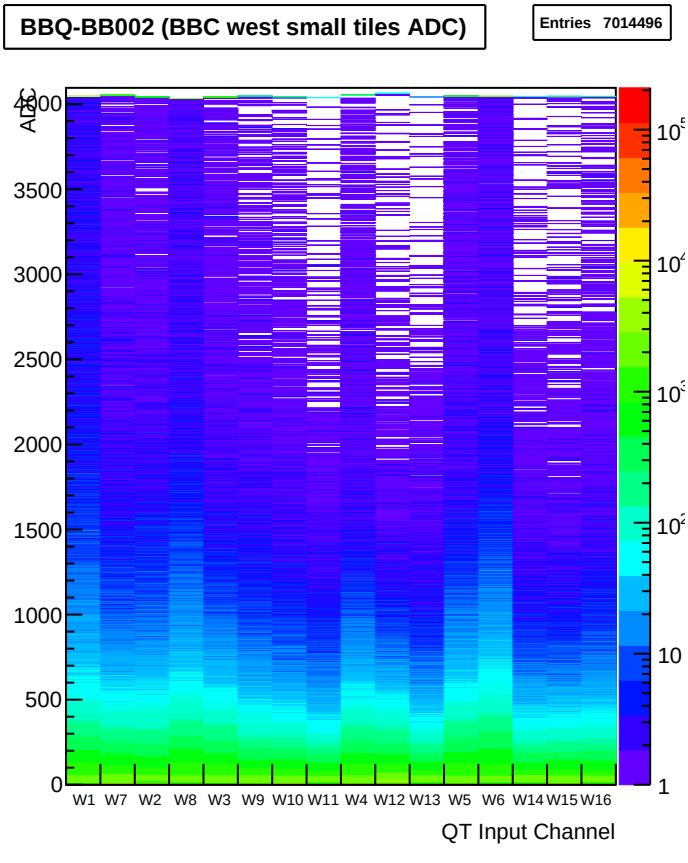

L2-TF201
Entries 0
TOF total mult(Real-Simu)

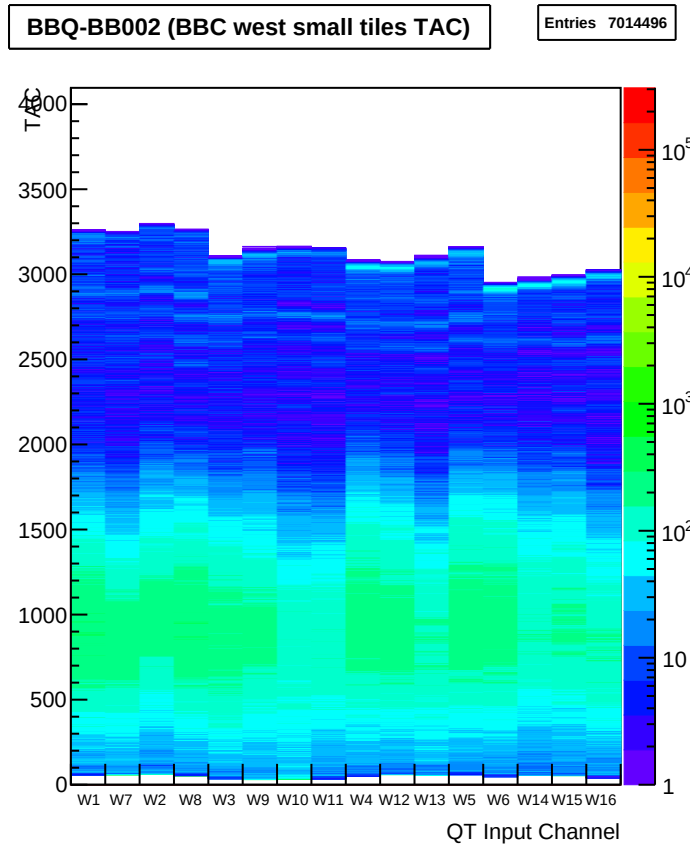

L2-TF201
Entries 3068842
Threshold/UPC bits
402416
405409
402500
406444
403554
401162
427010
35990
32997
35906
31962
34852
37244
11396
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

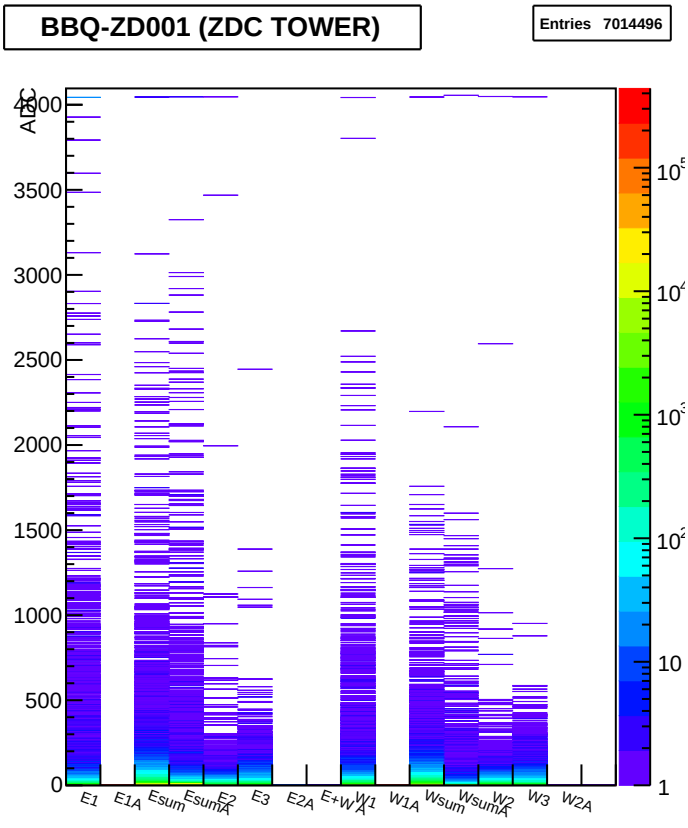

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

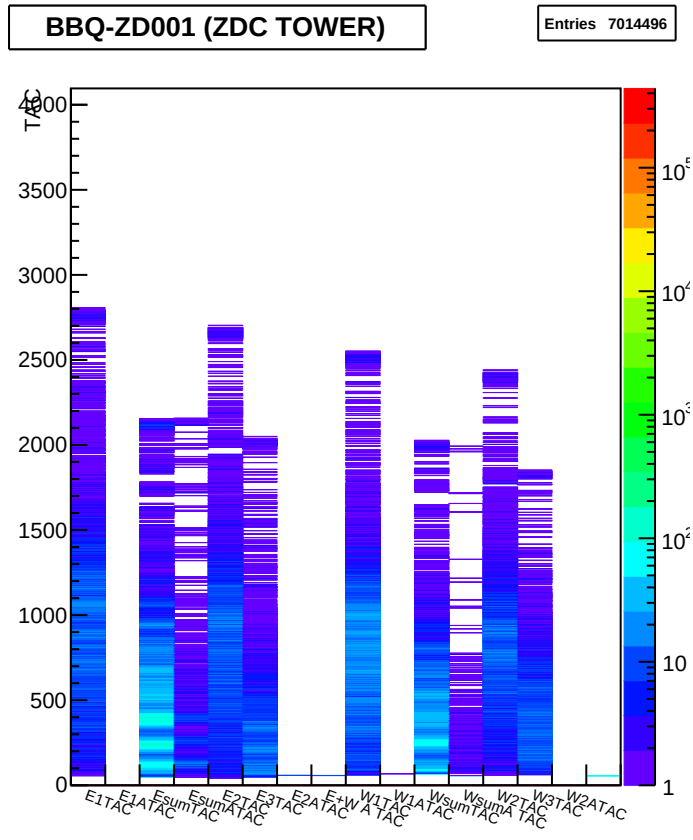

BBQ-BB001 (BBC east small tiles ADC)
Entries 7014496
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

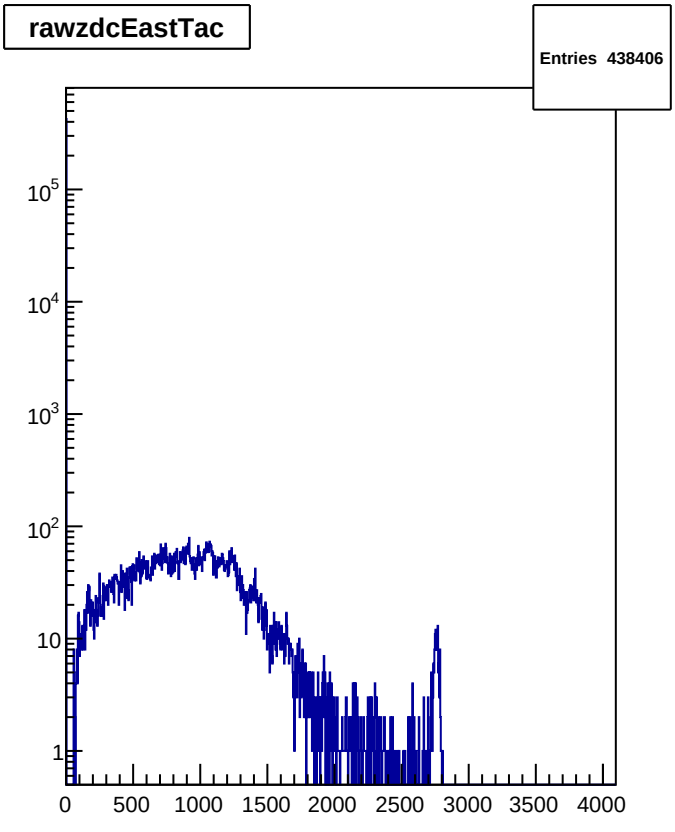

BBQ-BB001 (BBC east small tiles TAC)
Entries 7014496
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

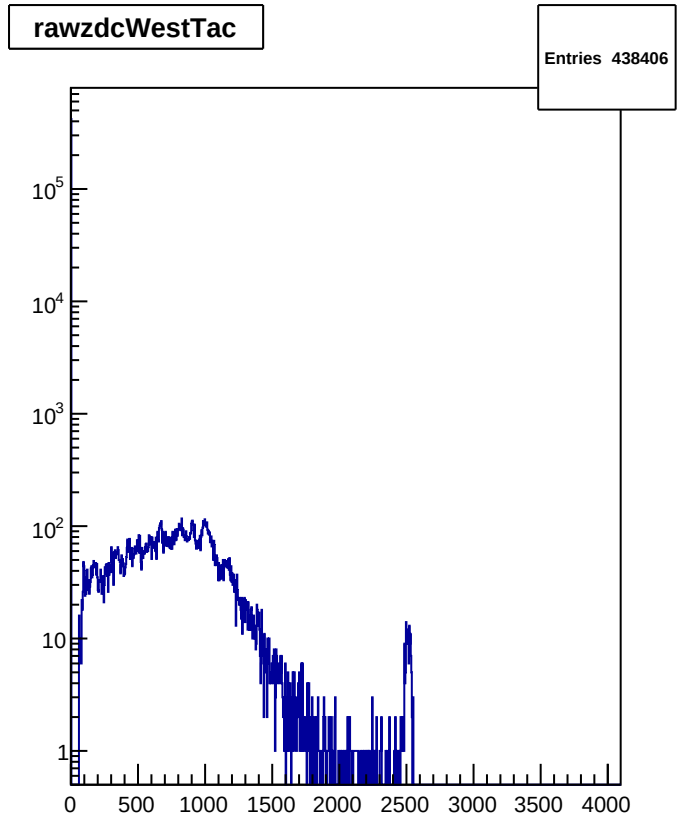

BBQ-BB002 (BBC west small tiles ADC)
Entries 7014496
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

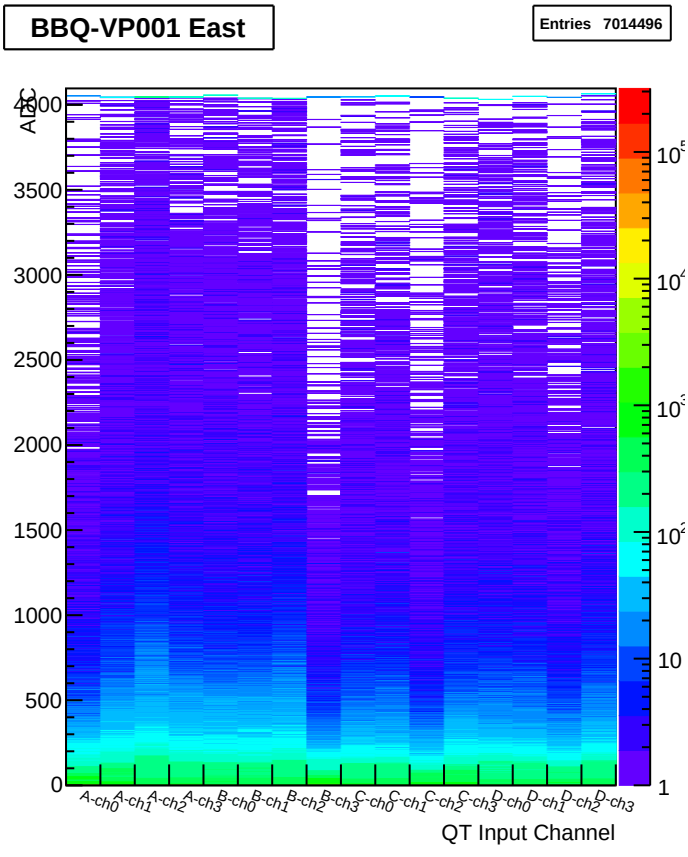

BBQ-BB002 (BBC west small tiles TAC)
Entries 7014496
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

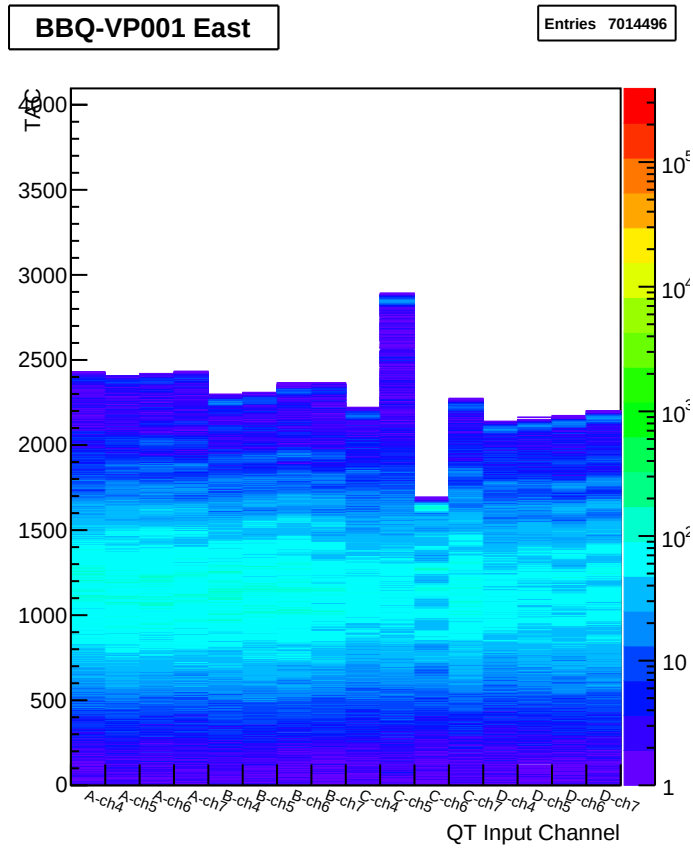

BBQ-ZD001 (ZDC TOWER)
Entries 7014496
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

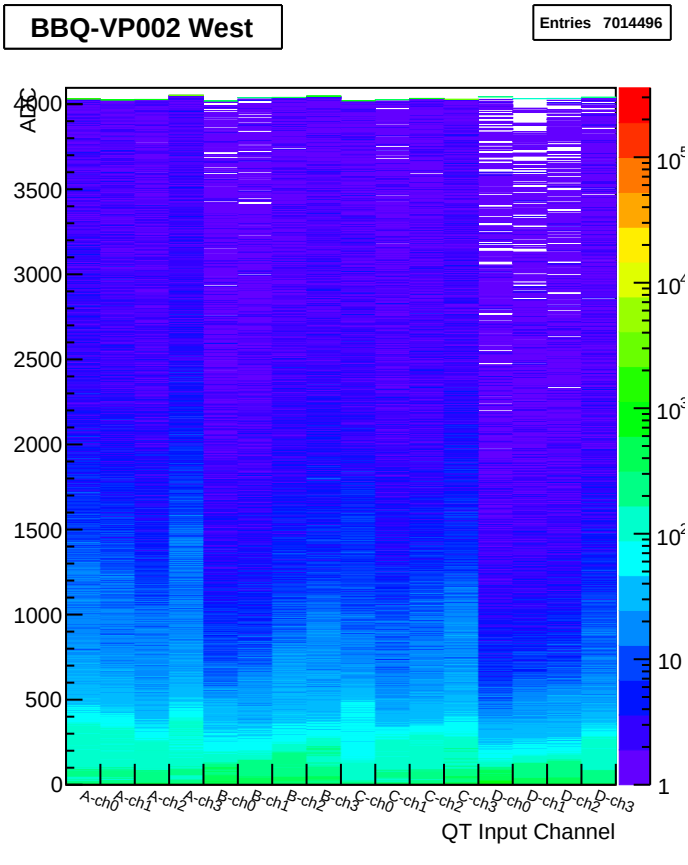

BBQ-ZD001 (ZDC TOWER)
Entries 7014496
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

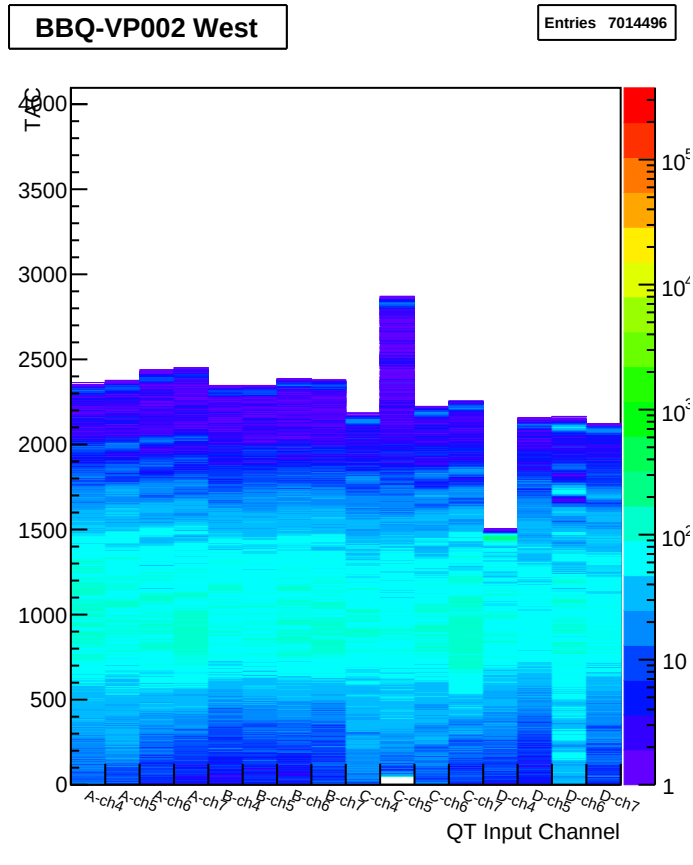

rawzdcEastTac
Entries 438406

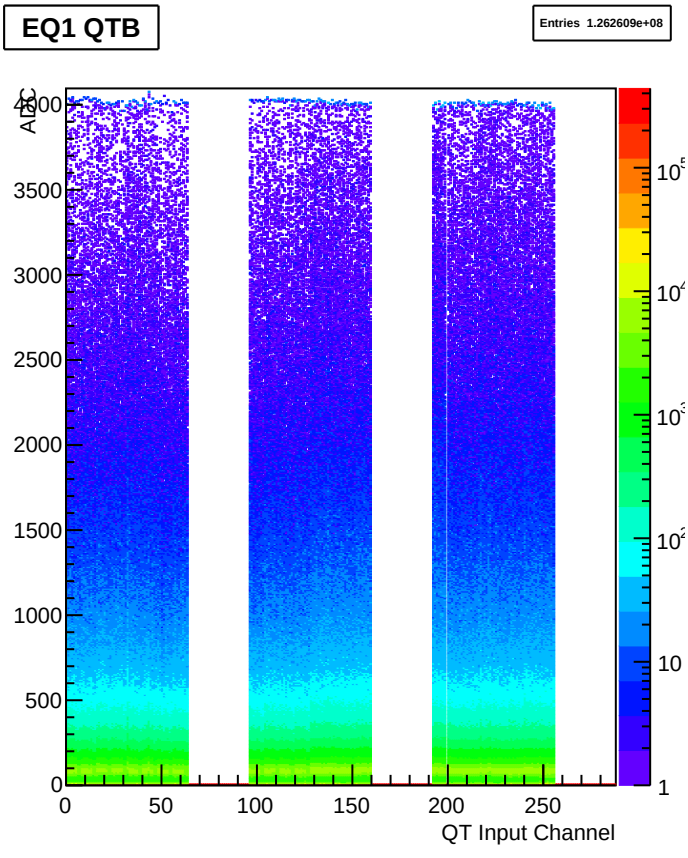

rawzdcWestTac
Entries 438406

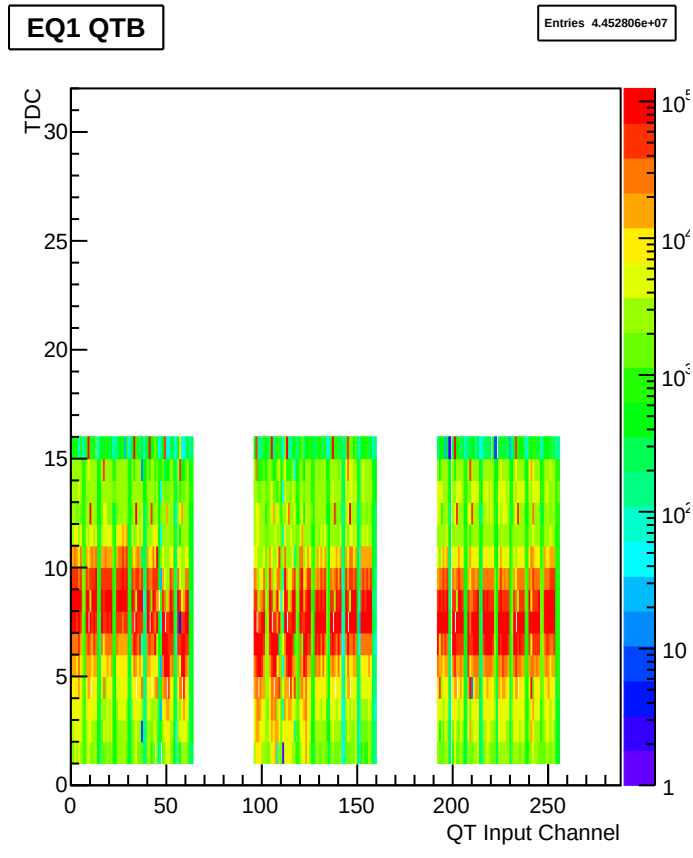

BBQ-VP001 East
Entries 7014496
ADC
QT Input Channel

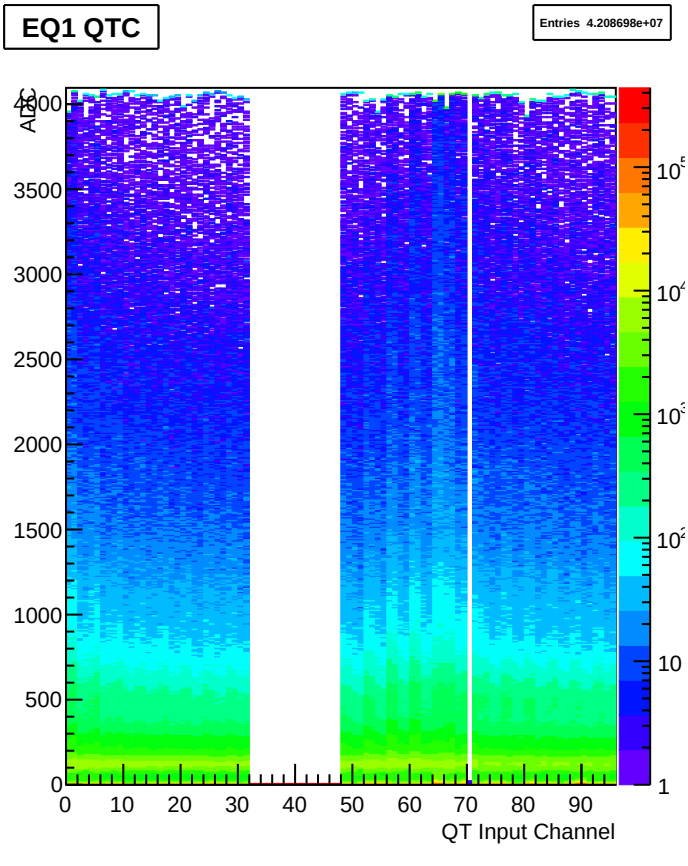

BBQ-VP001 East
Entries 7014496
ADC
QT Input Channel

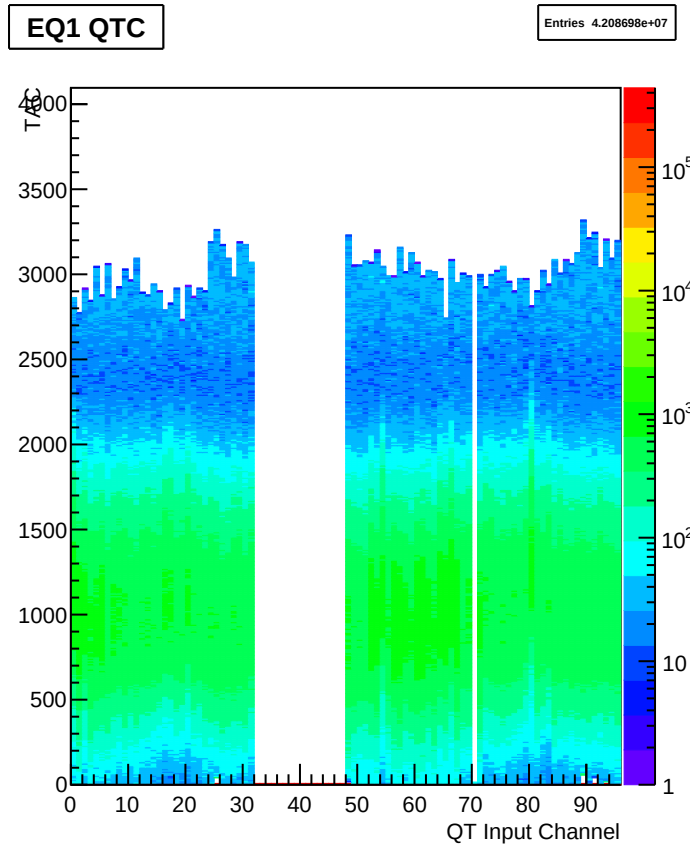

BBQ-VP002 West
Entries 7014496
ADC
QT Input Channel

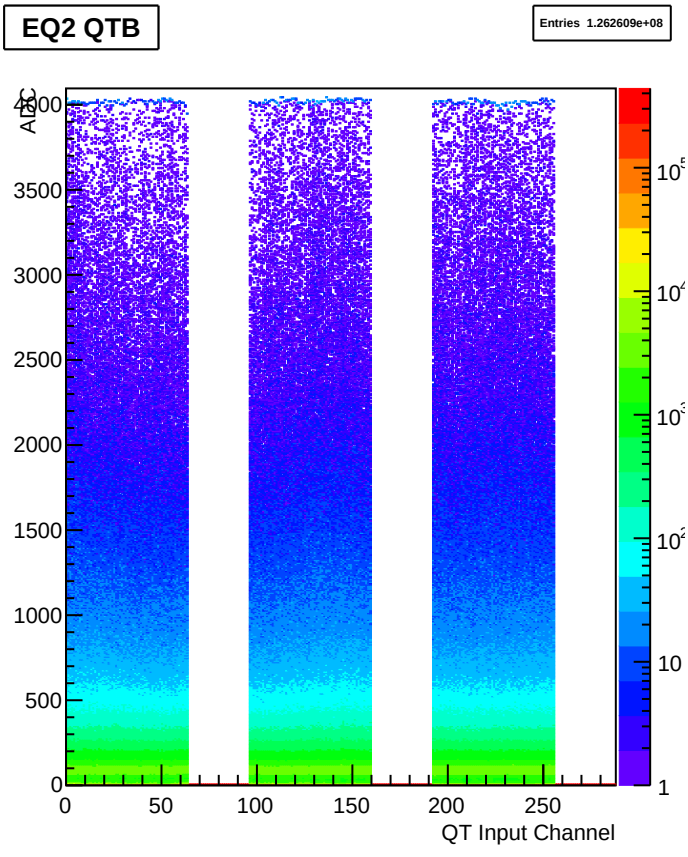

BBQ-VP002 West
Entries 7014496
ADC
QT Input Channel

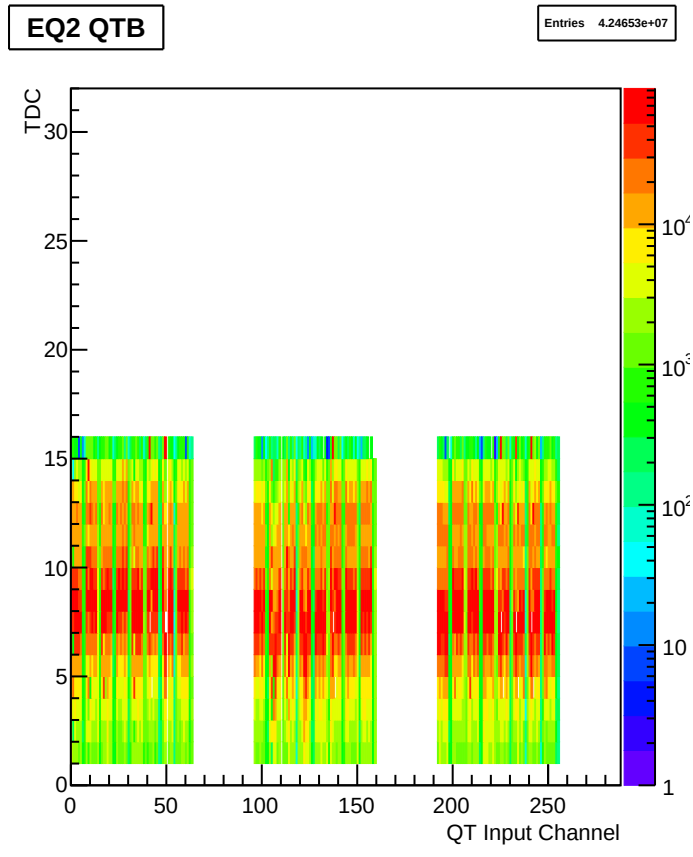

EQ1 QTB
Entries 1.262609e+08
ADC
QT Input Channel

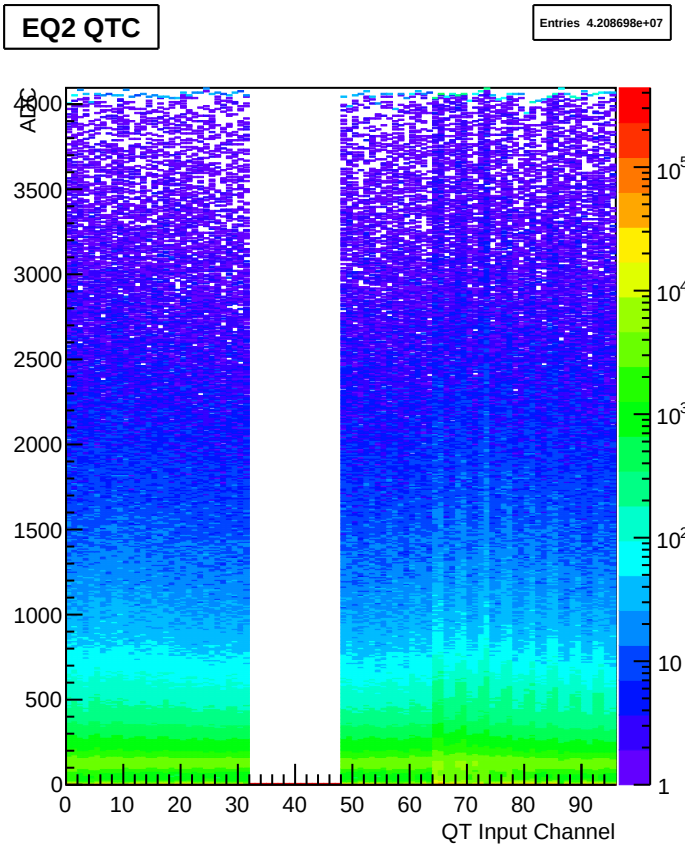

EQ1 QTB
Entries 4.452806e+07
TDC
QT Input Channel

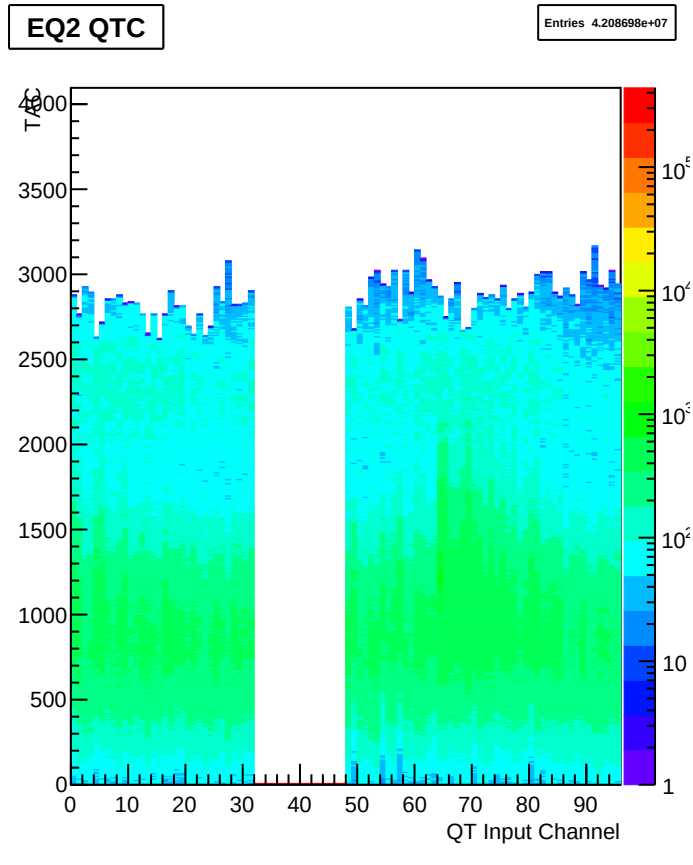

EQ1 QTC
Entries 4.208698e+07
ADC
QT Input Channel

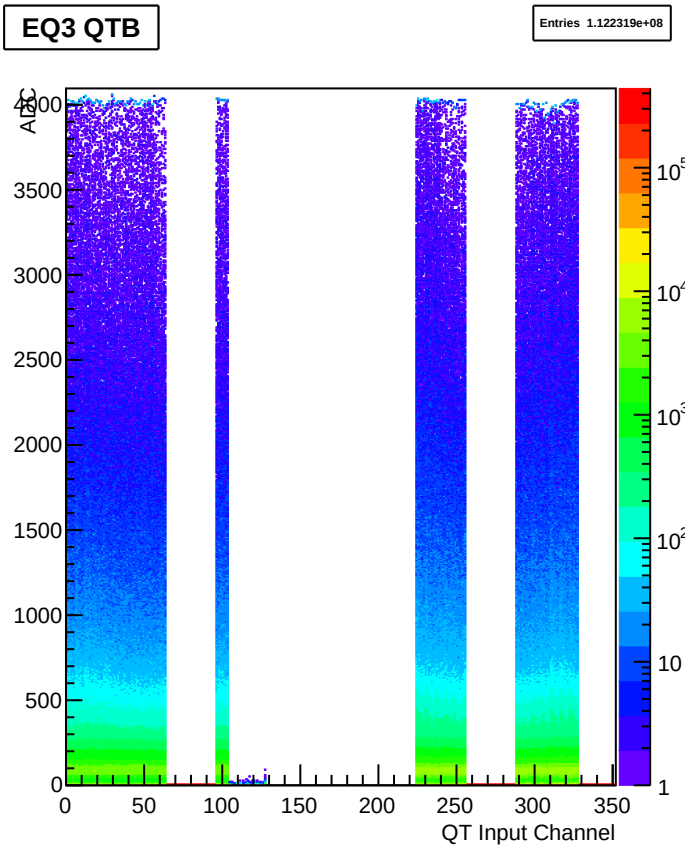

EQ1 QTC
Entries 4.208698e+07
TADC
QT Input Channel

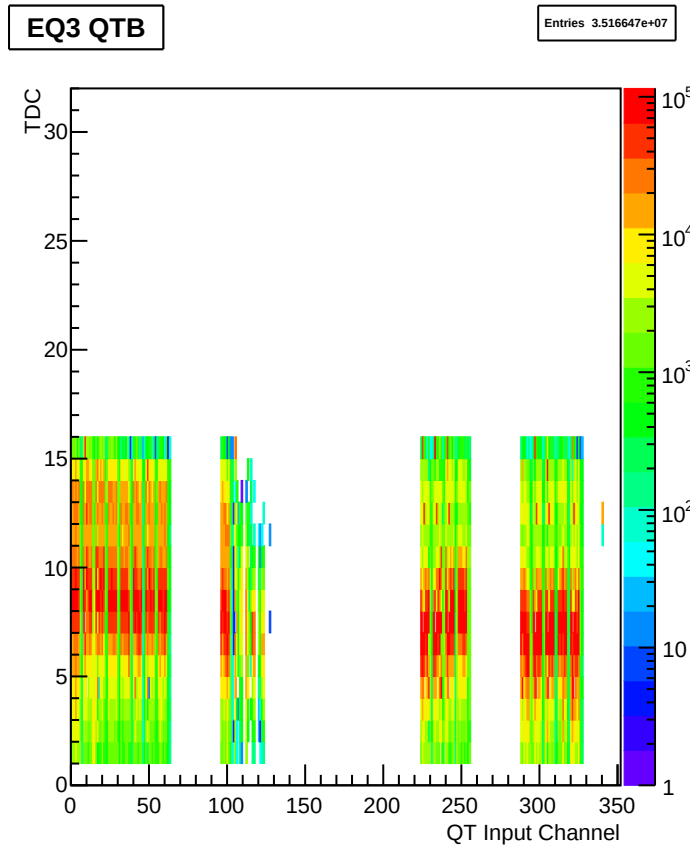

EQ2 QTB
Entries 1.262609e+08
ADC
QT Input Channel

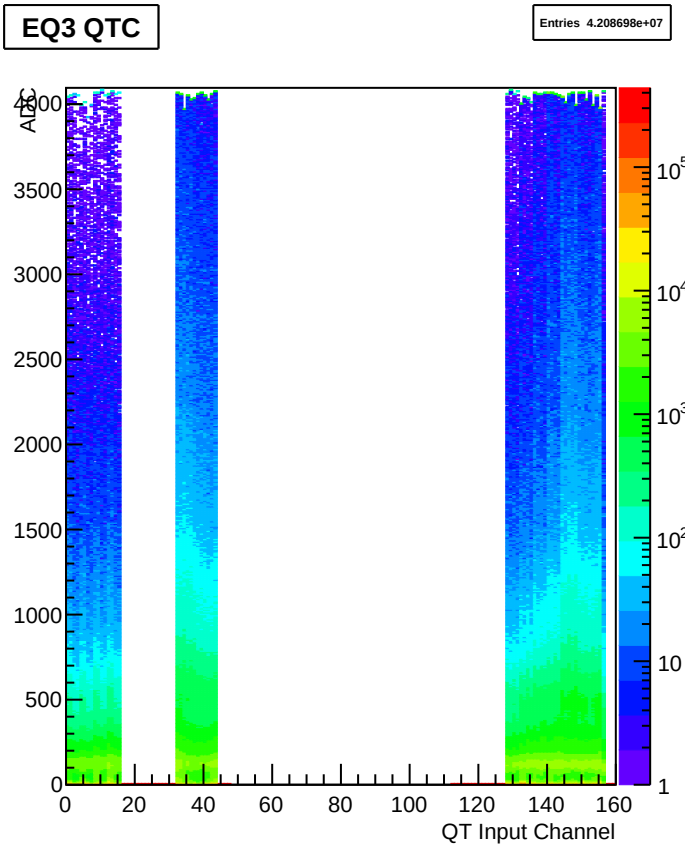

EQ2 QTB
Entries 4.24653e+07
TDC
QT Input Channel

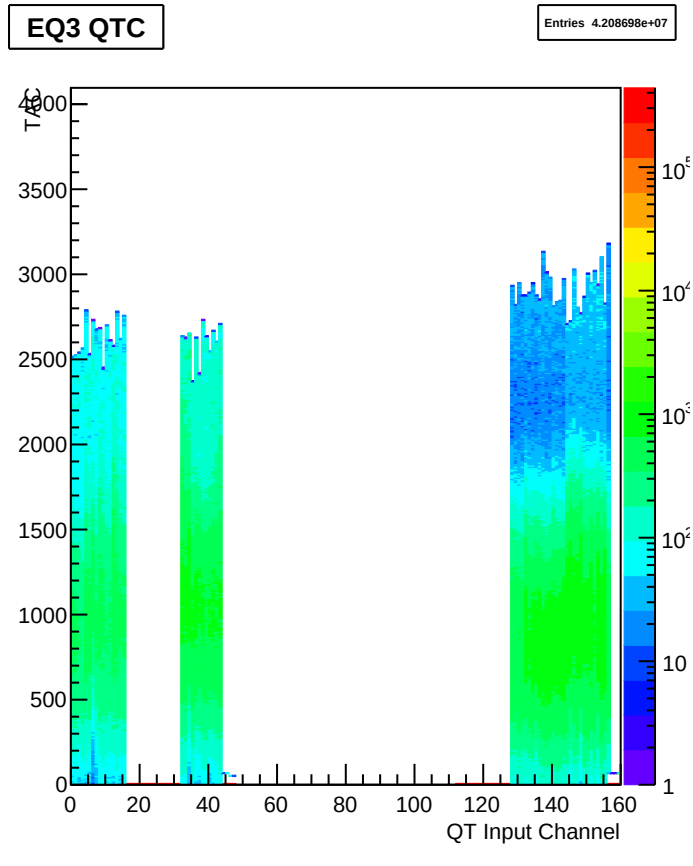

EQ2 QTC
Entries 4.208698e+07
ADC
QT Input Channel

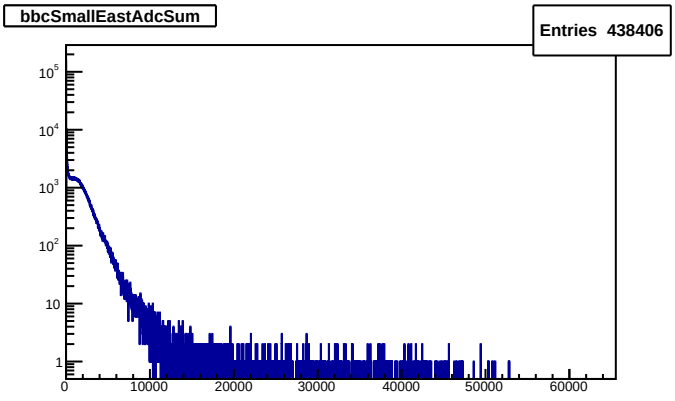

EQ2 QTC
Entries 4.208698e+07
TADC
QT Input Channel

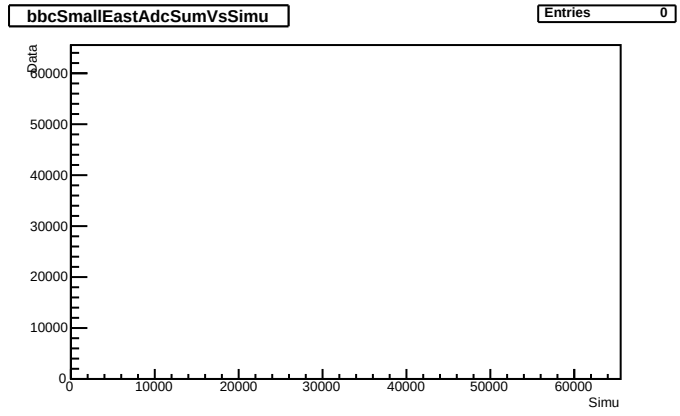

EQ3 QTB
Entries 1.122319e+08
ADC
QT Input Channel

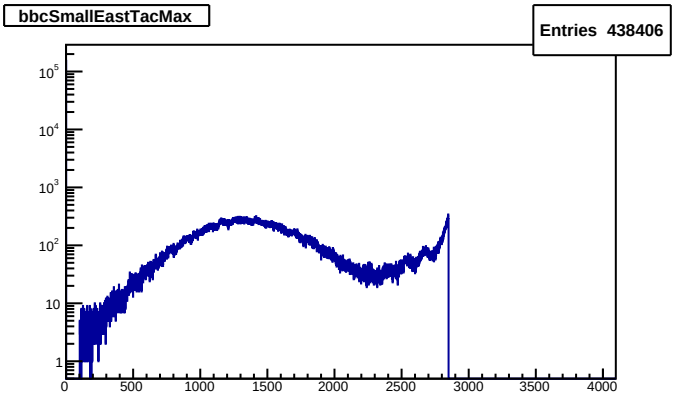

EQ3 QTB
Entries 3.516647e+07
TDC
QT Input Channel

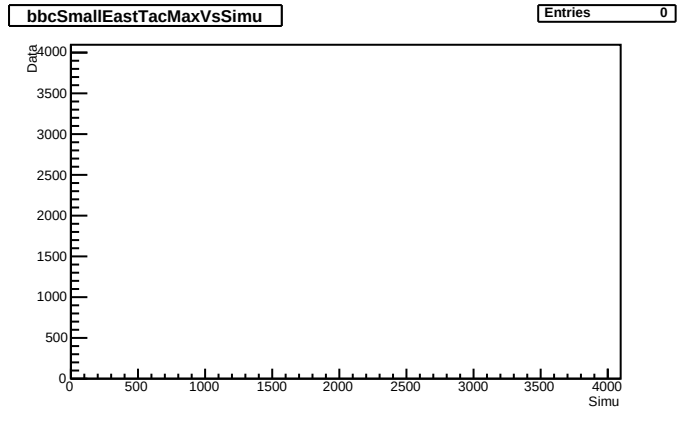

EQ3 QTC
Entries 4.208698e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.208698e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 438406


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 438406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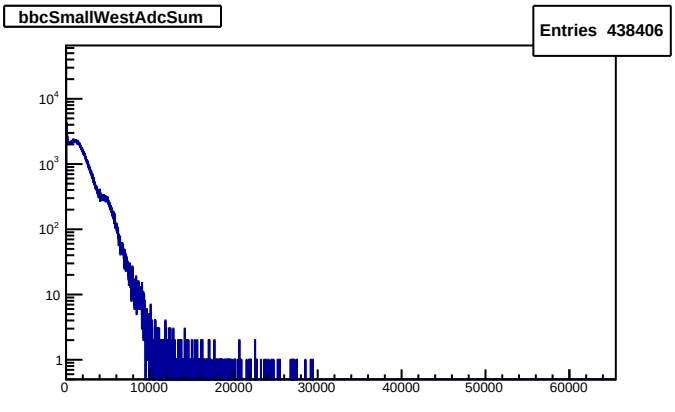
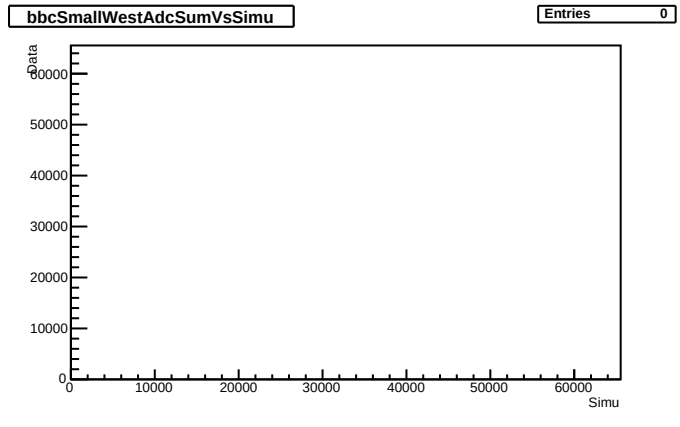

bbcSmallWestAdcSum
Entries 438406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Entries 0
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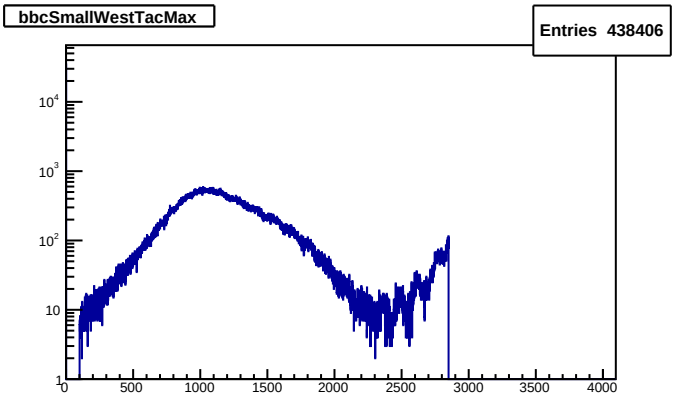
Simu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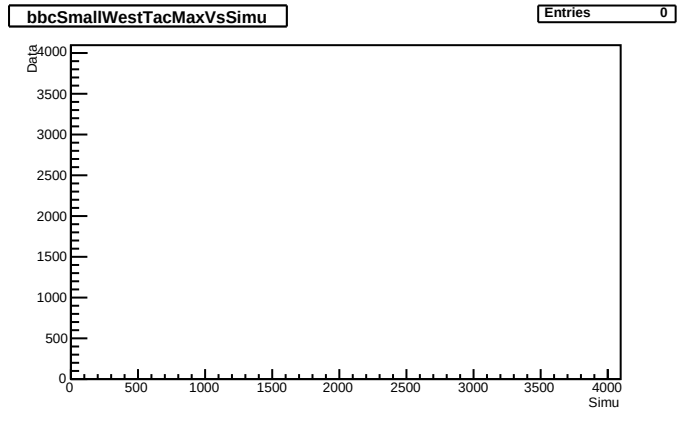
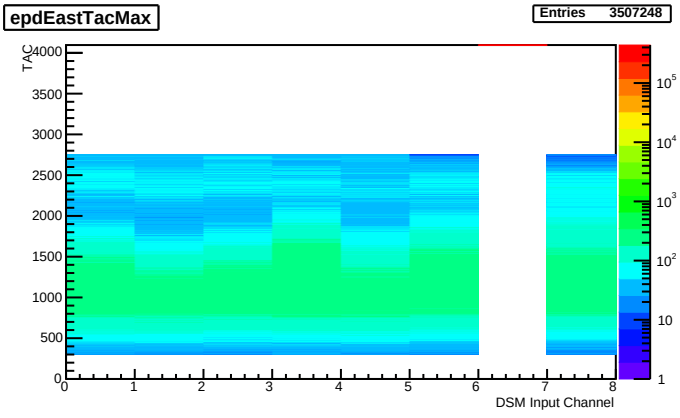
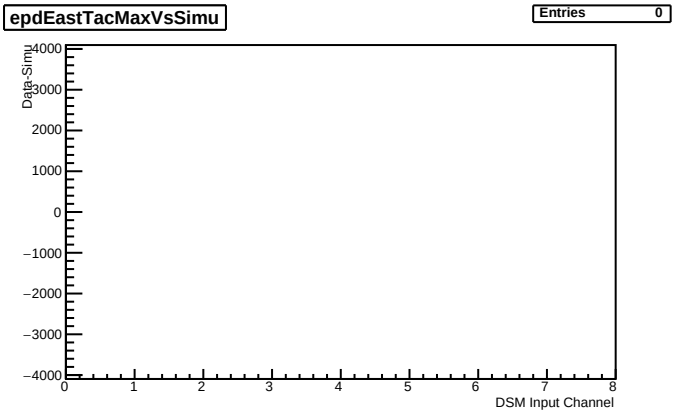
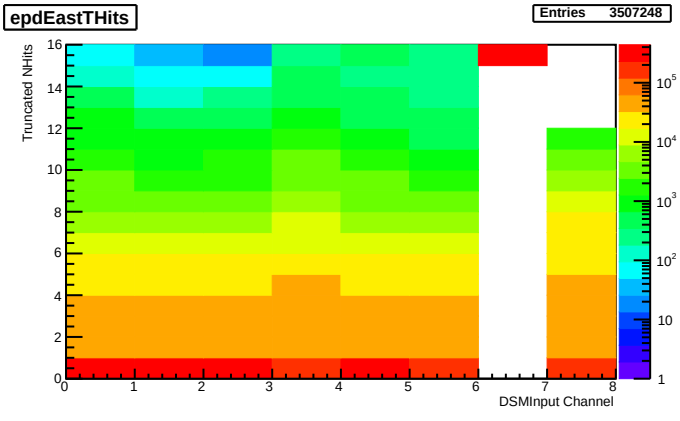
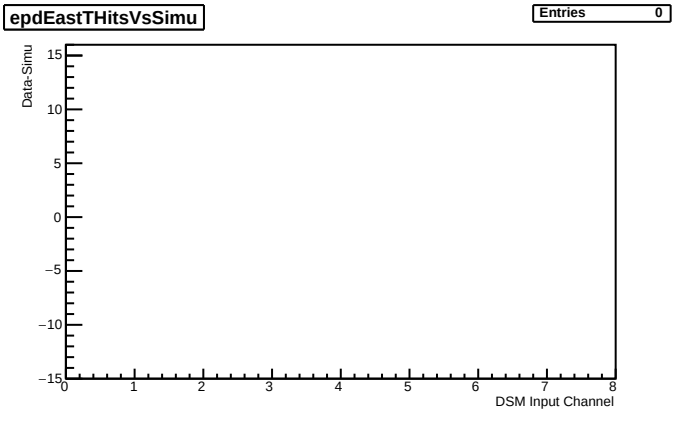
Entries 438406


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 3507248
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3507248
Truncated NHits
DSMInput Channel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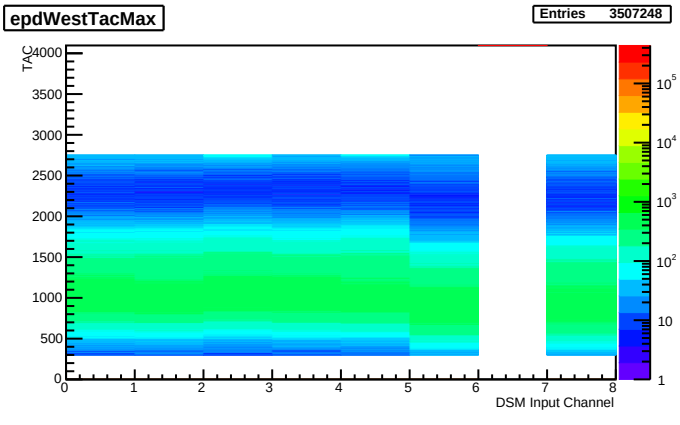
DSM Input Channel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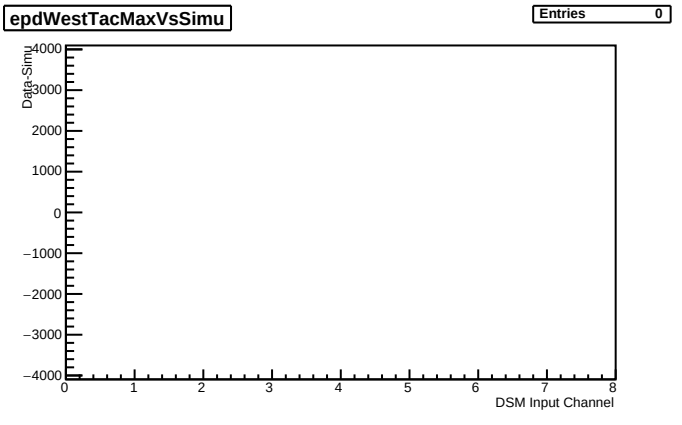
DSM Input Channel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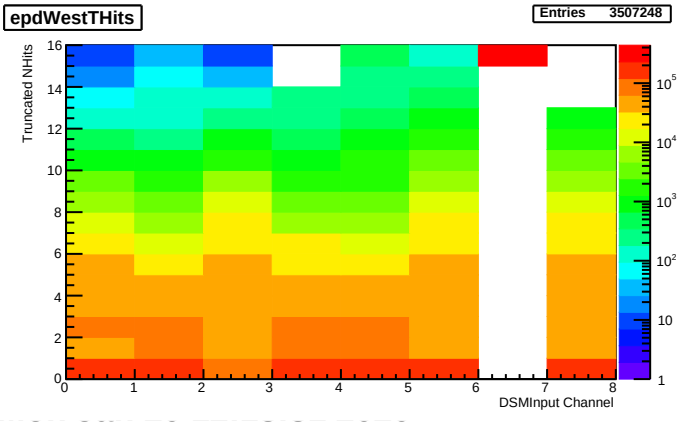
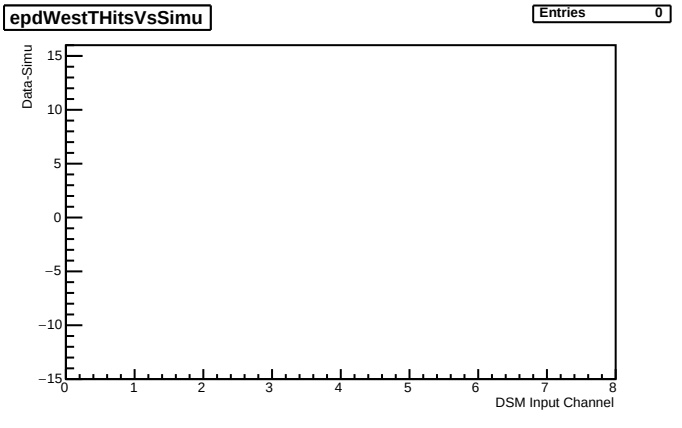
DSM Input Channel


epdWestTHits
Entries 3507248
Truncated NHits
DSMInput Channel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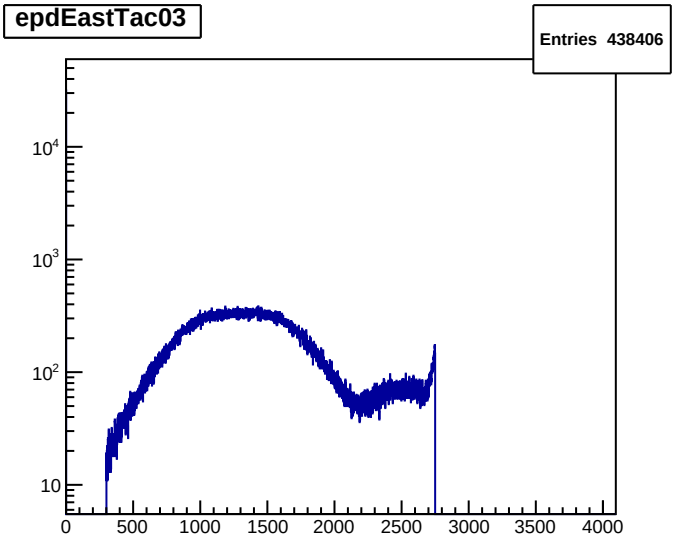
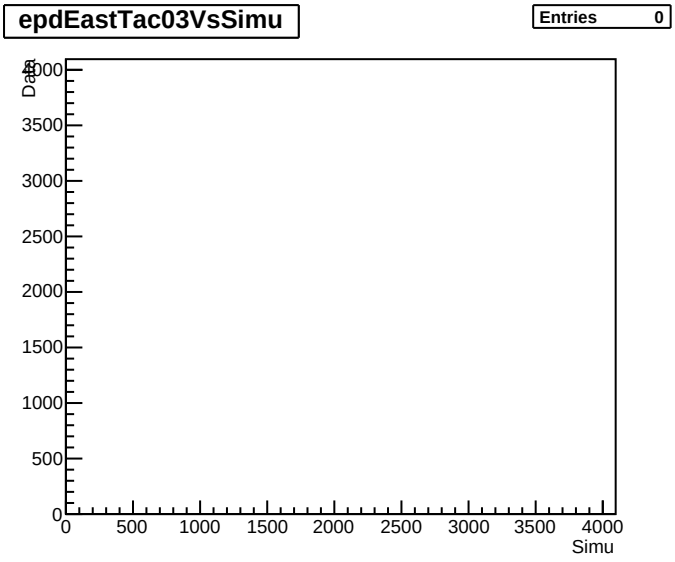
Data-Simu
DSM Input Channel


epdEastTac03
Entries 438406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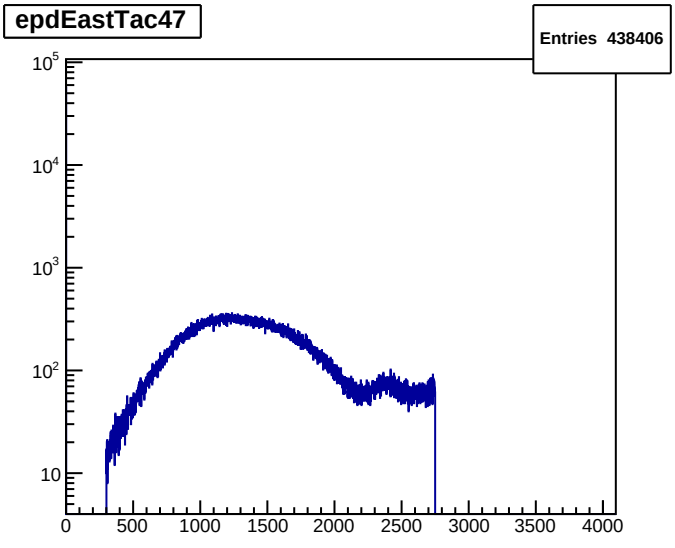
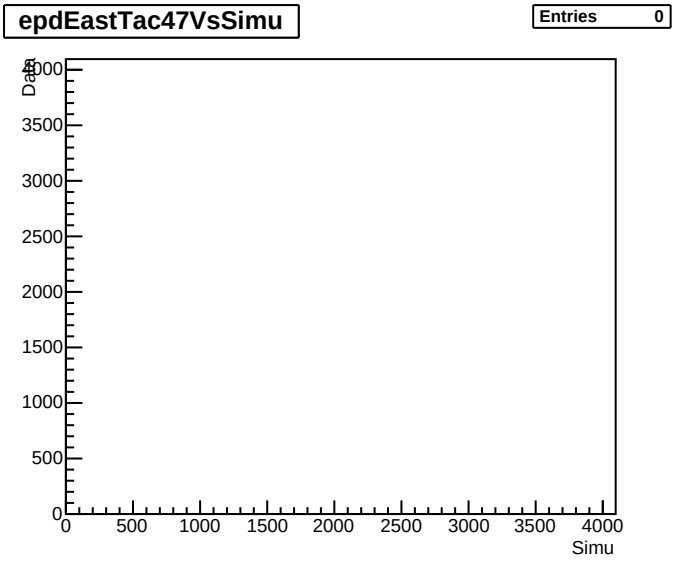
Entries 0
Data
Simu


epdEastTac47
Entries 438406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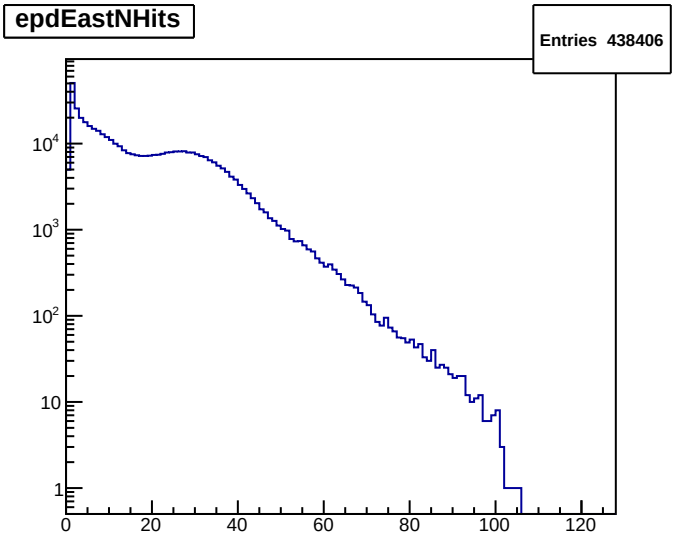
Entries 0
Data
Simu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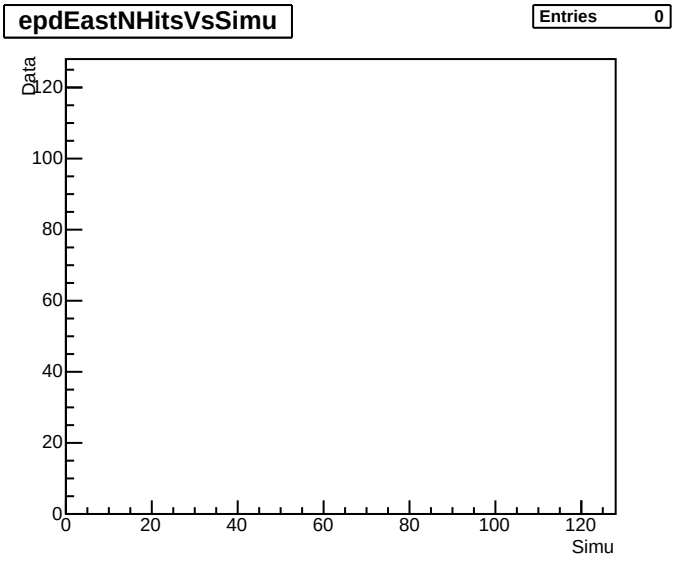
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Entries 0
Data
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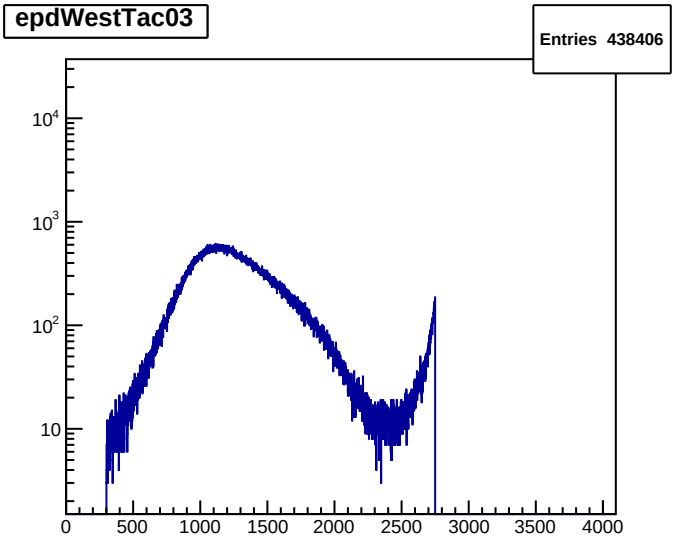
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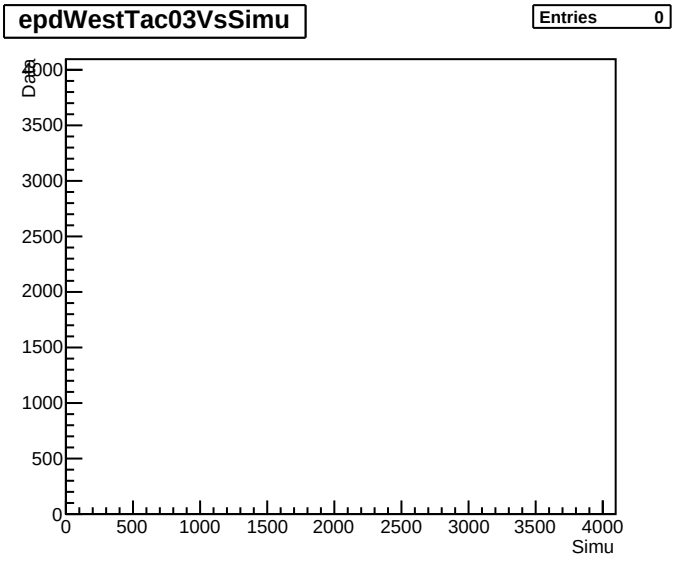
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Entries 0
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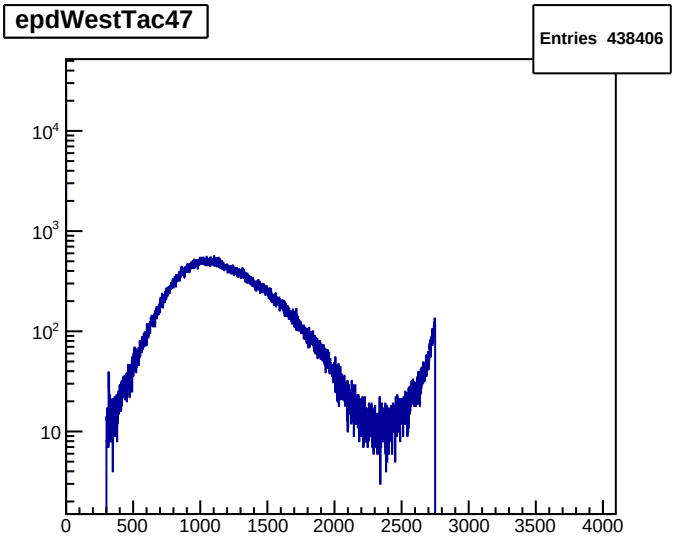
Simu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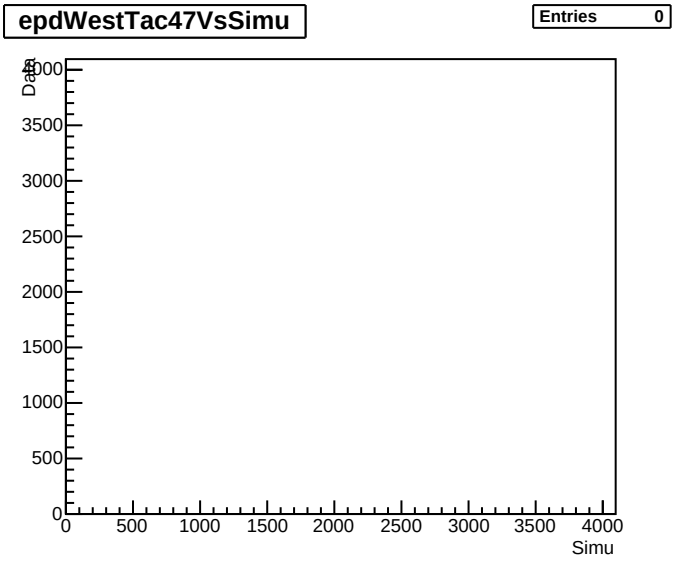
Entries 438406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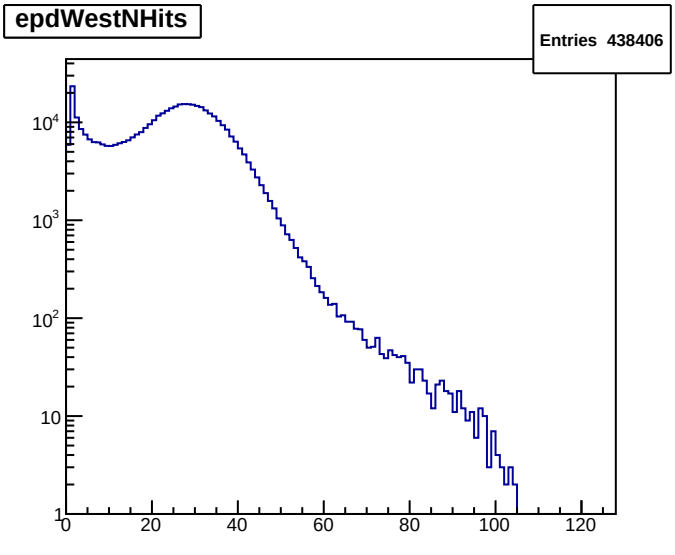
Entries 0
Data
Simu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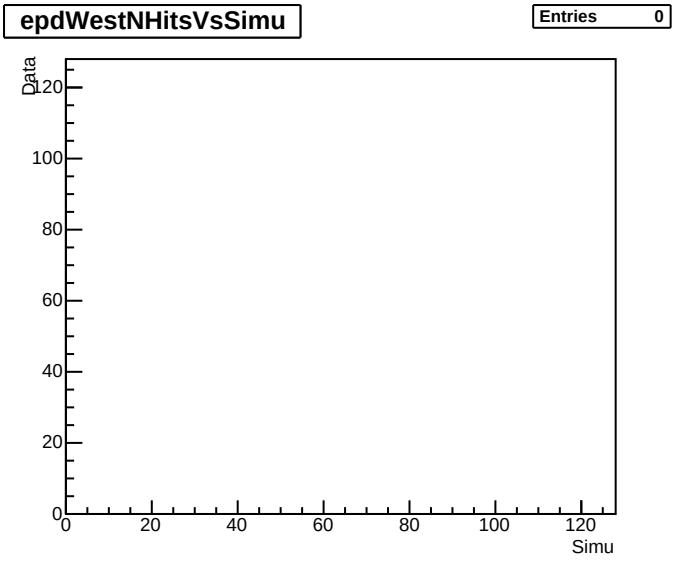
Entries 438406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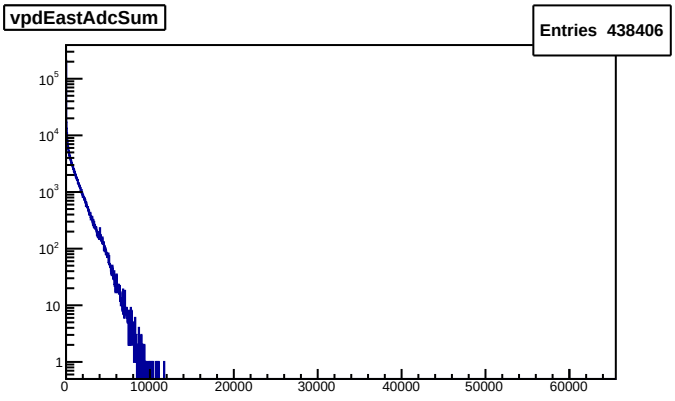
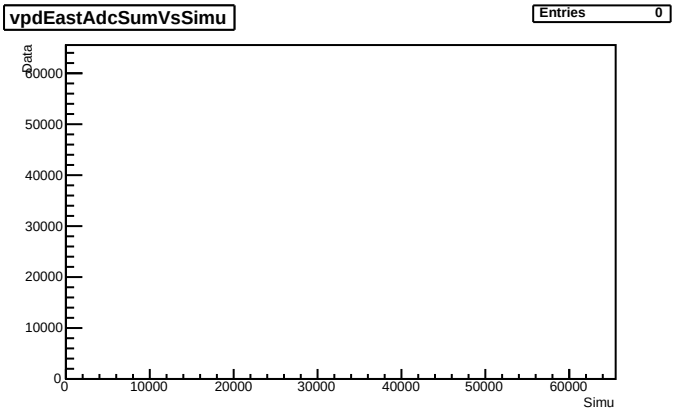
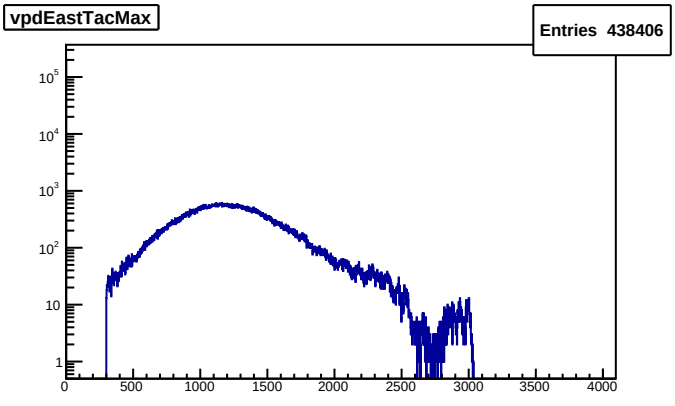
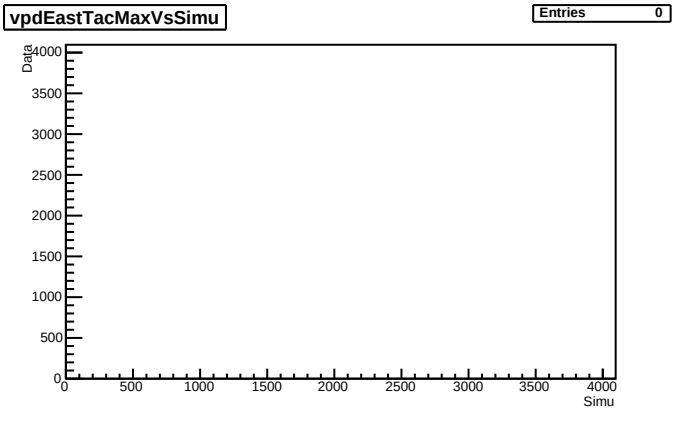
Entries 0
Data
Simu


vpdEastAdcSum
Entries 438406


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 438406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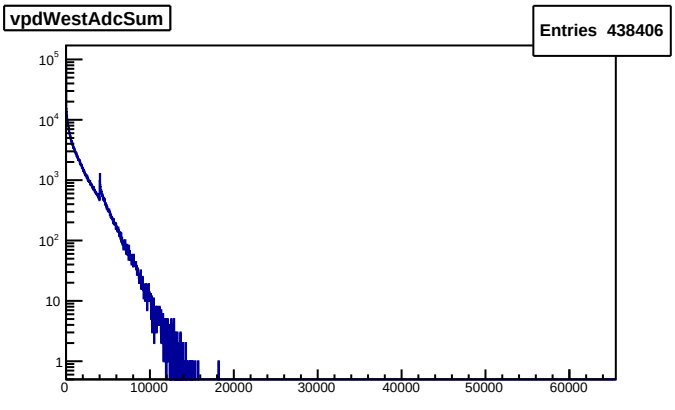
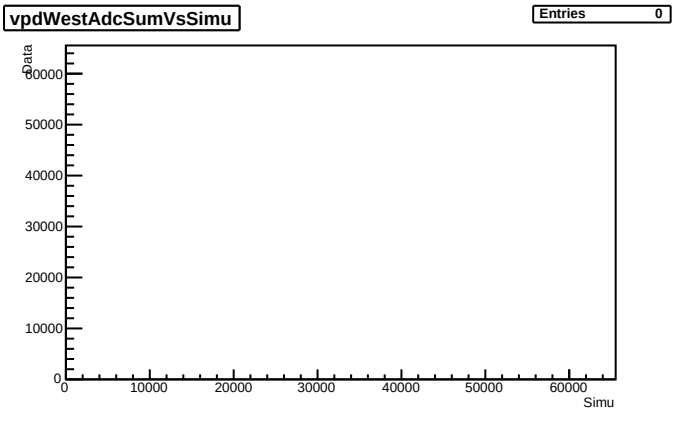
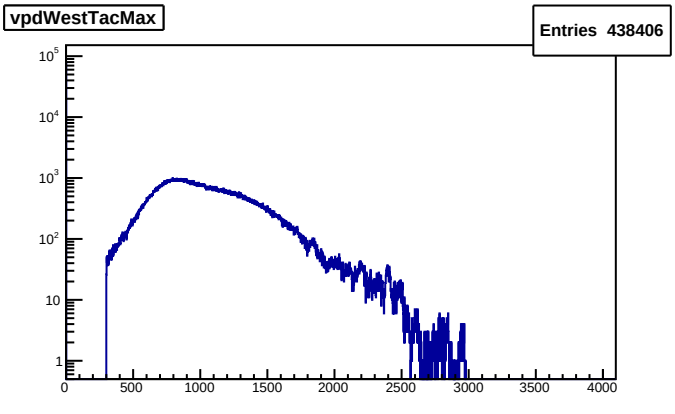
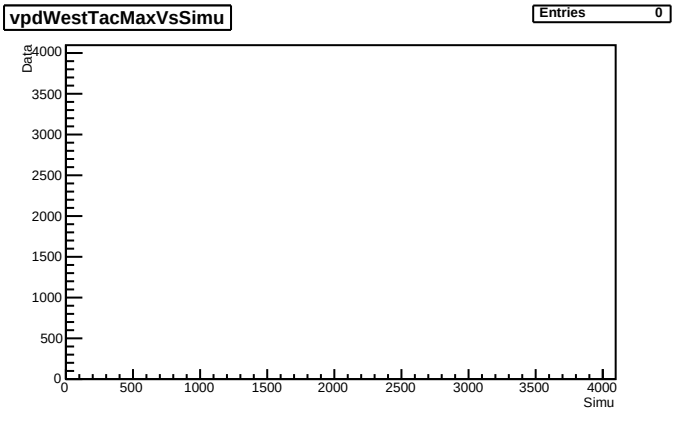
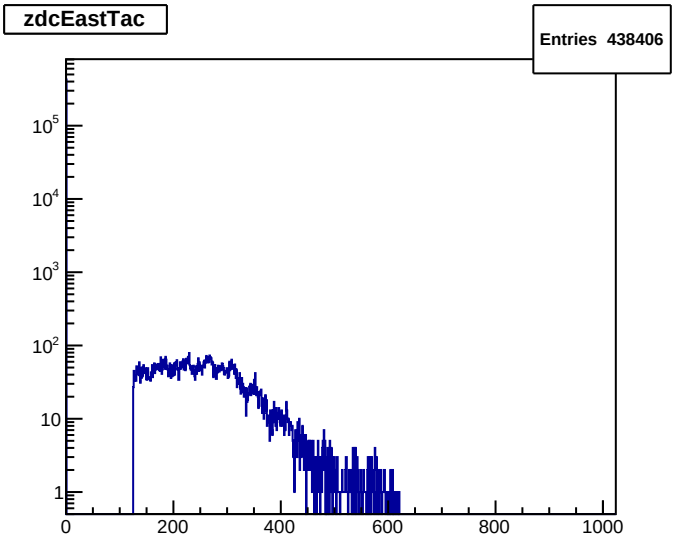
Entries 0
Data
Simu

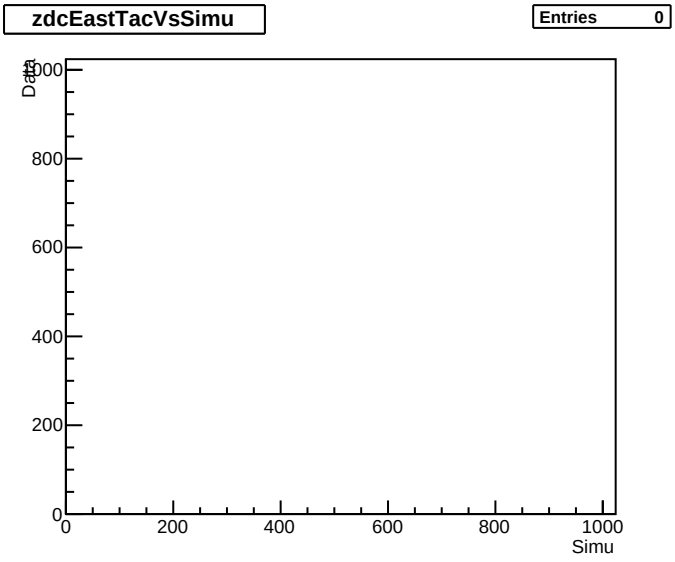

vpdWestAdcSum
Entries 438406

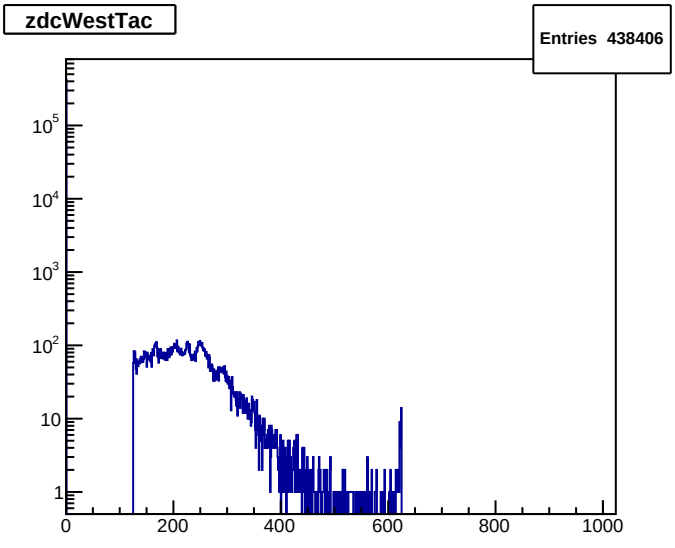

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

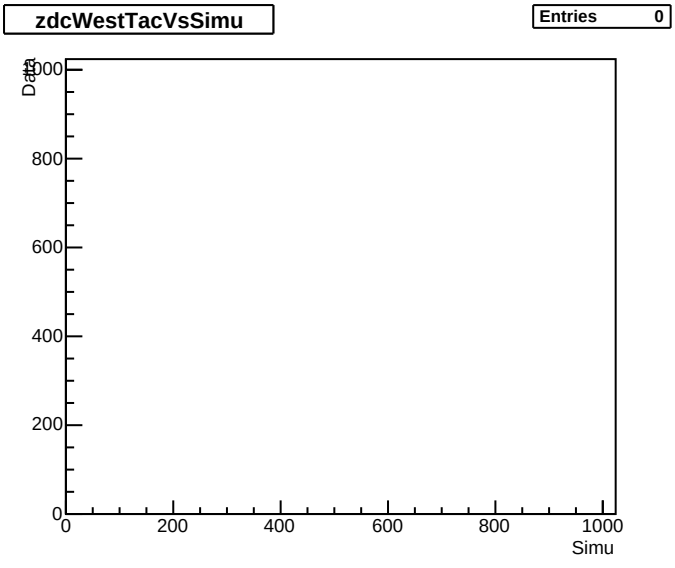

vpdWestTacMax
Entries 438406

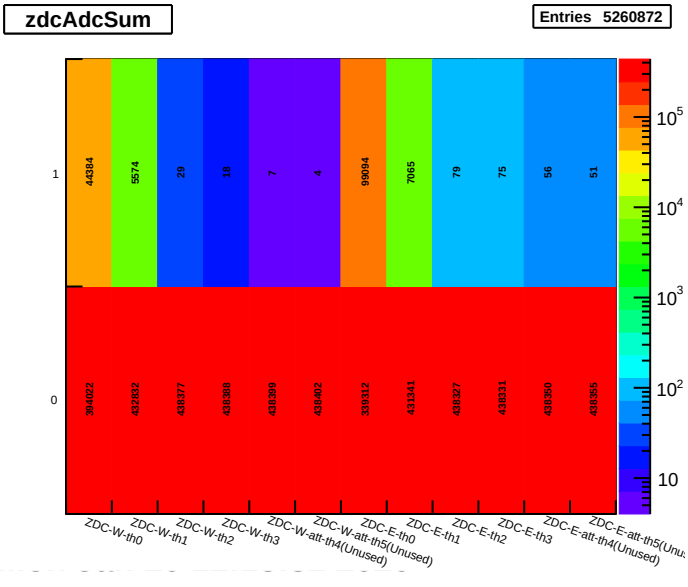

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 438406


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 438406


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 5260872
44384
5574
29
18
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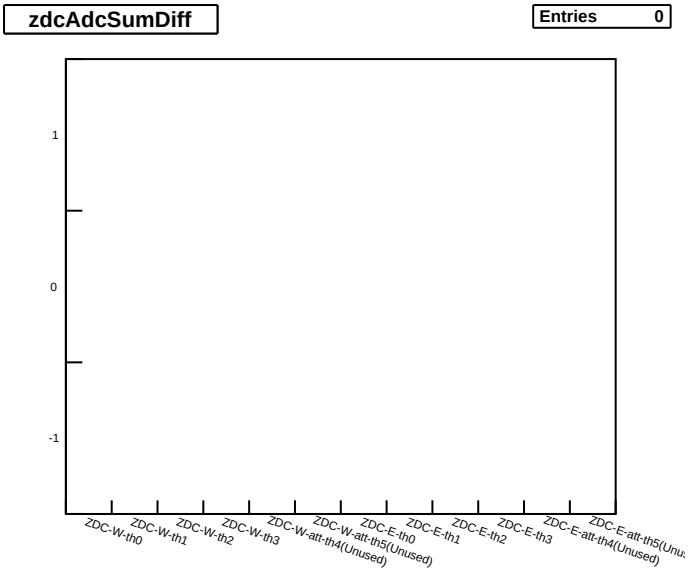
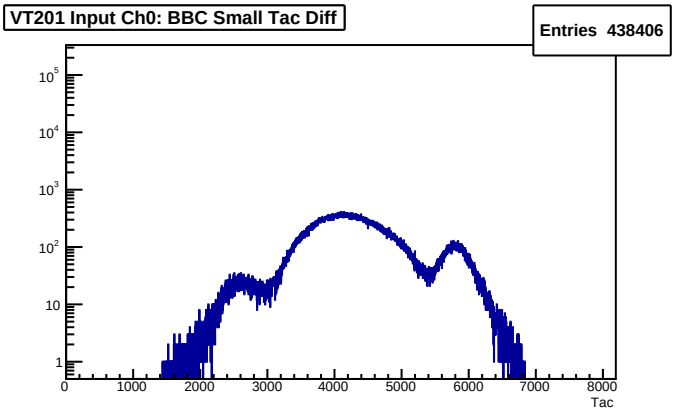
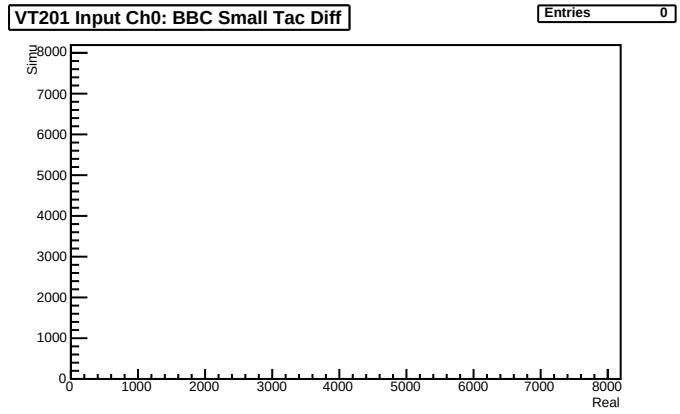
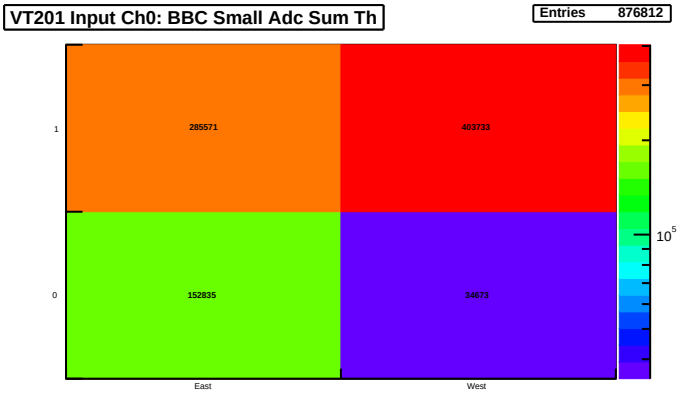
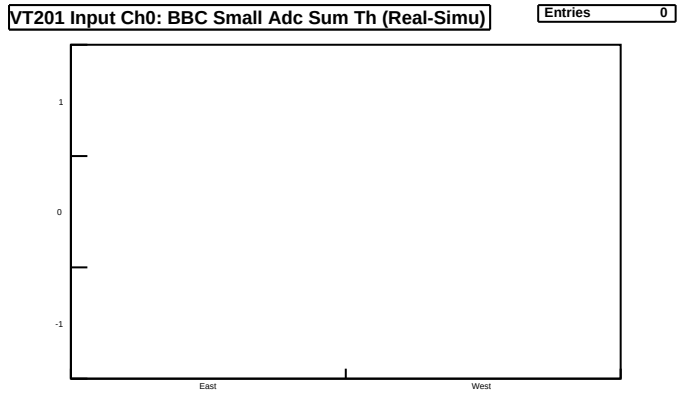
4
99094
7065
79
75
56
51
394022
432832
438377
438388
438399
438402
339312
431341
438327
438331
438350
438355
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

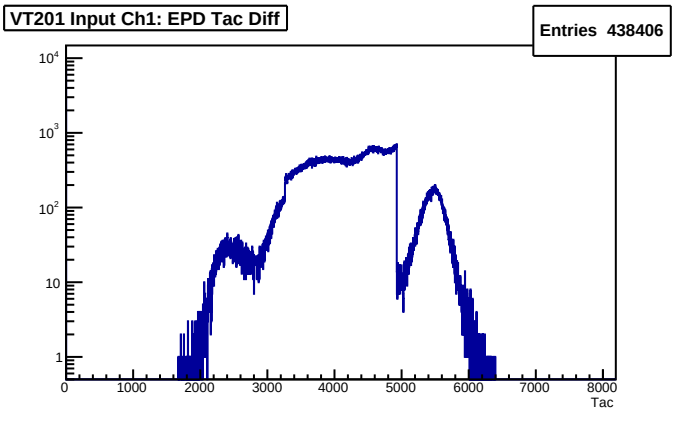

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

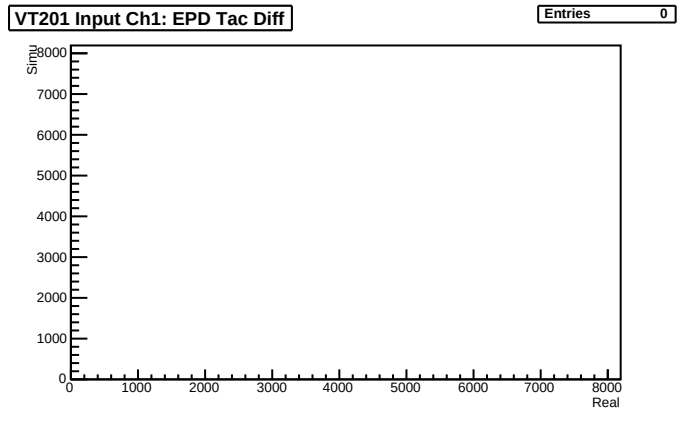

VT201 Input Ch0: BBC Small Tac Diff
Entries 438406
Tac

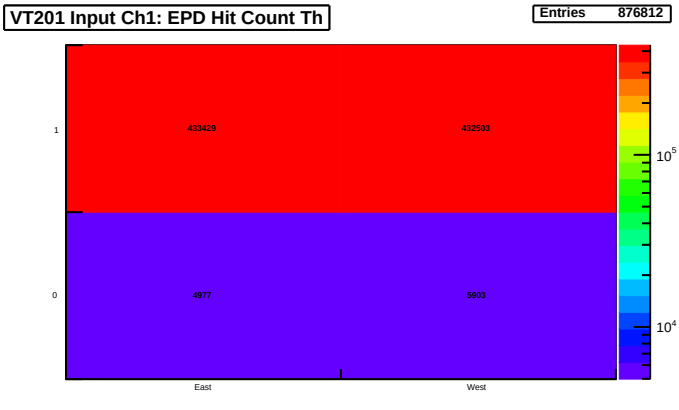

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

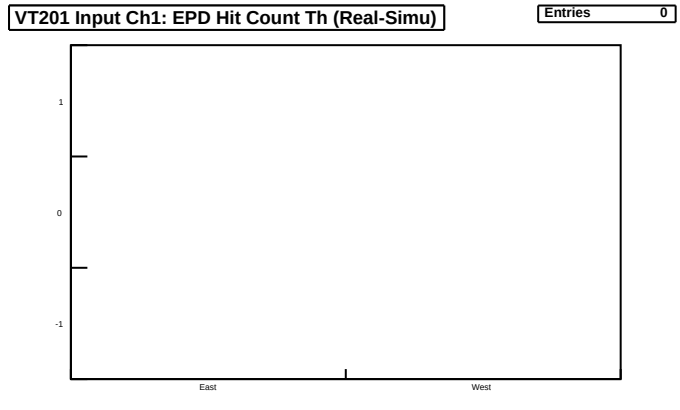

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 876812
285571
403733
152835
34673
East
West

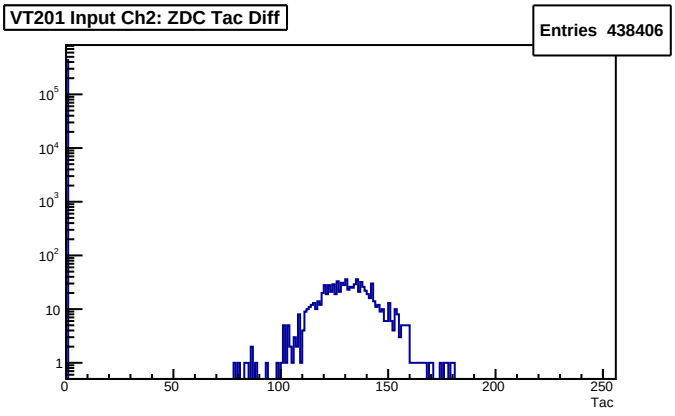

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

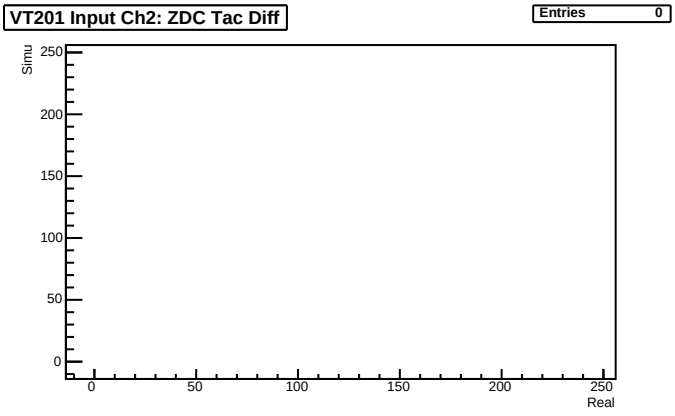

VT201 Input Ch1: EPD Tac Diff
Entries 438406
Tac

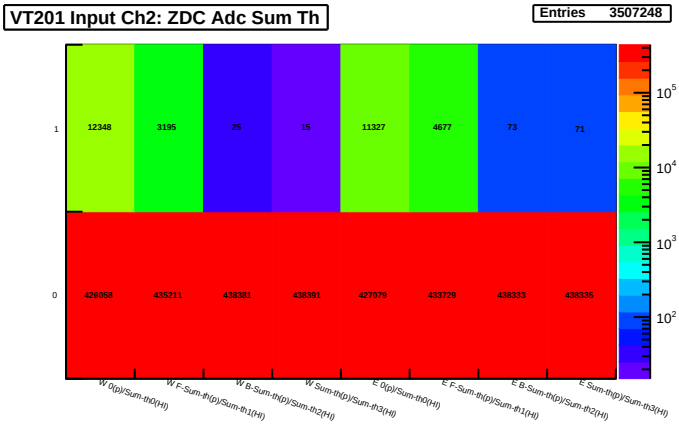

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

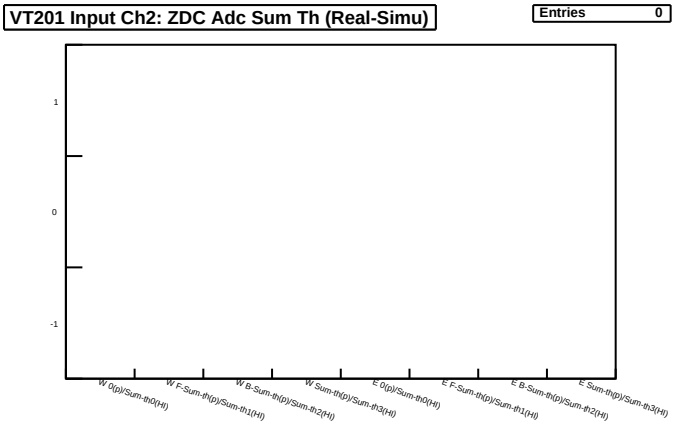

VT201 Input Ch1: EPD Hit Count Th
Entries 876812
433429
432503
4977
5903
East
West

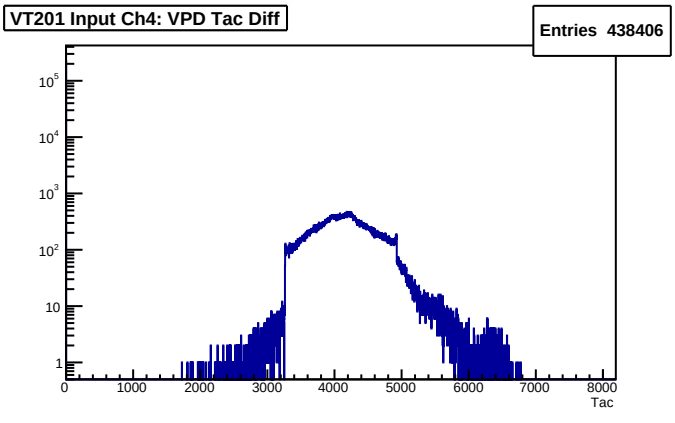

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

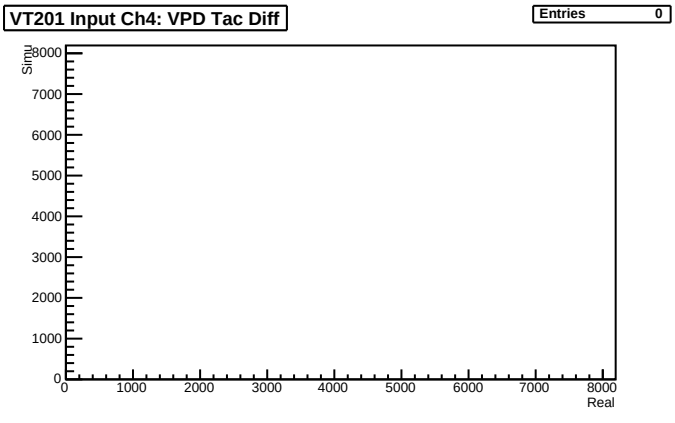

VT201 Input Ch2: ZDC Tac Diff
Entries 438406
Tac

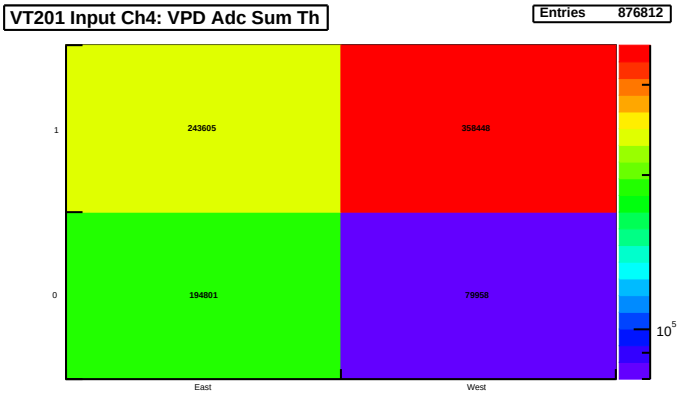

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

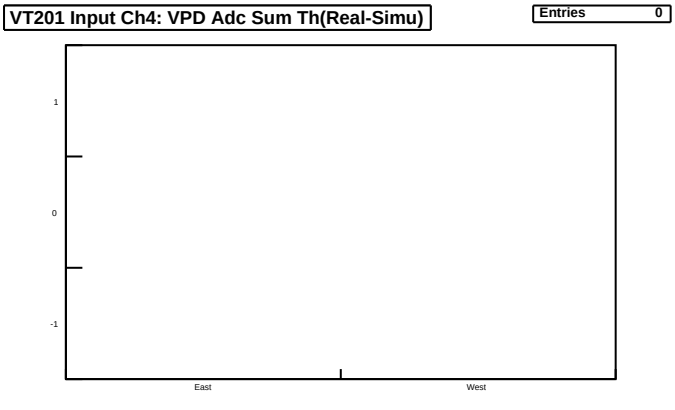

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3507248
12348
3195
25
15
11327
4677
73
71
426058
435211
438381
438391
427079
433729
438333
438335
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

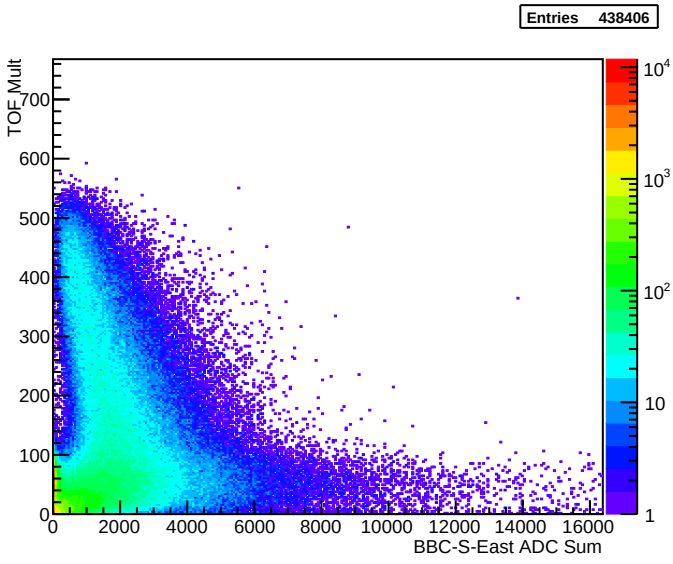

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

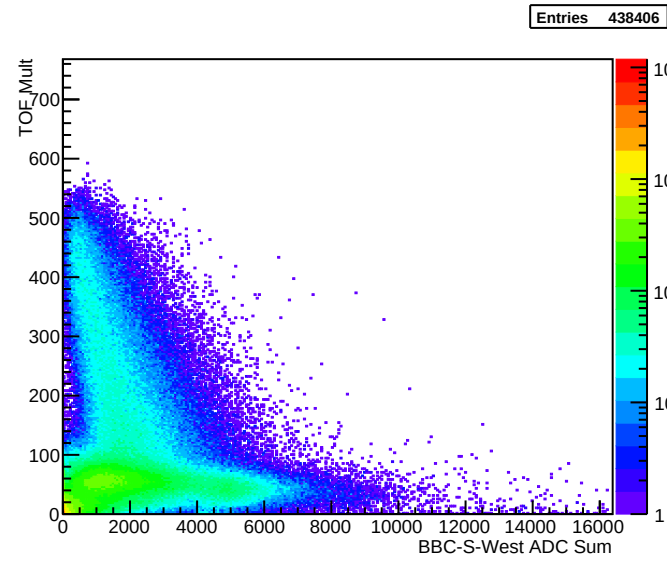

VT201 Input Ch4: VPD Tac Diff
Entries 438406
Tac

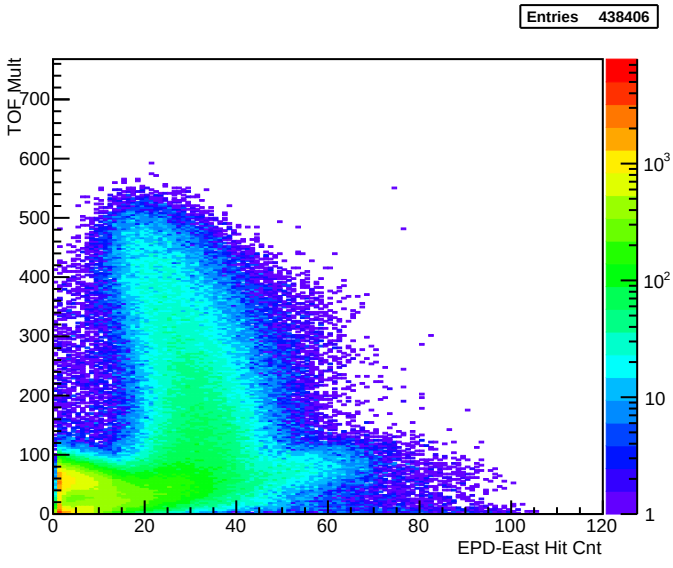

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

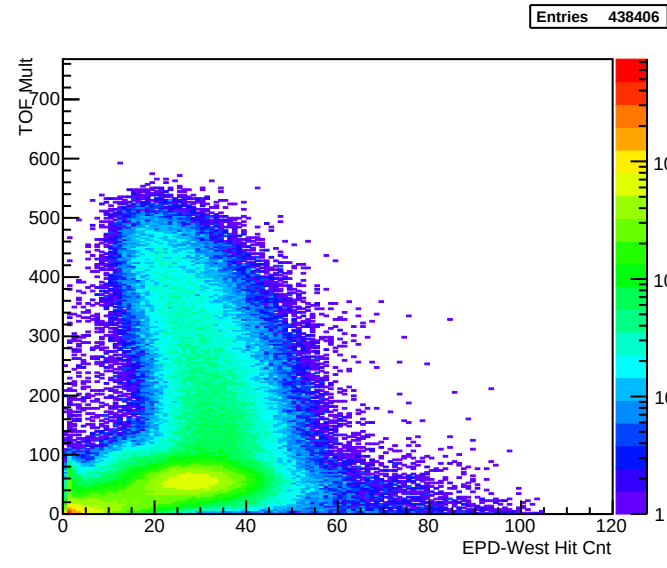

VT201 Input Ch4: VPD Adc Sum Th
Entries 876812
243605
358448
194801
79958
East
West

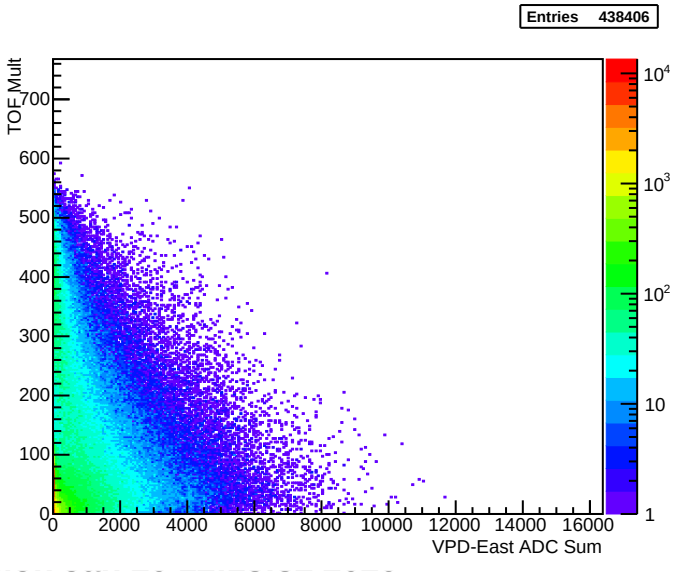

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

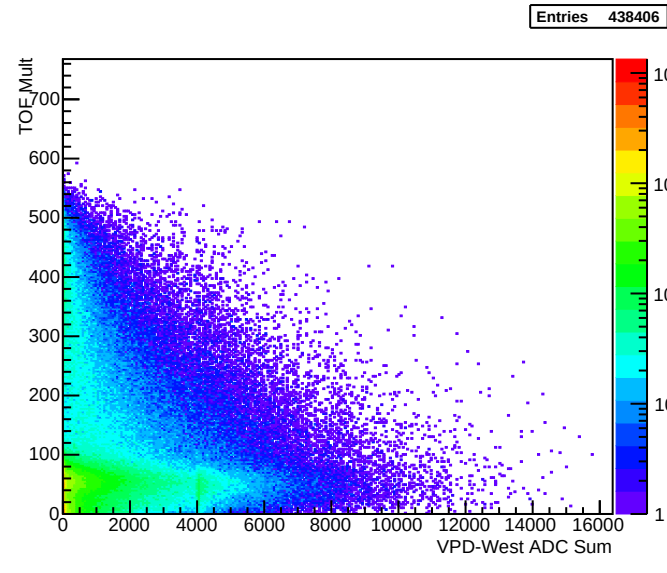

Entries 438406
TOF_Mult
BBC-S-East ADC Sum

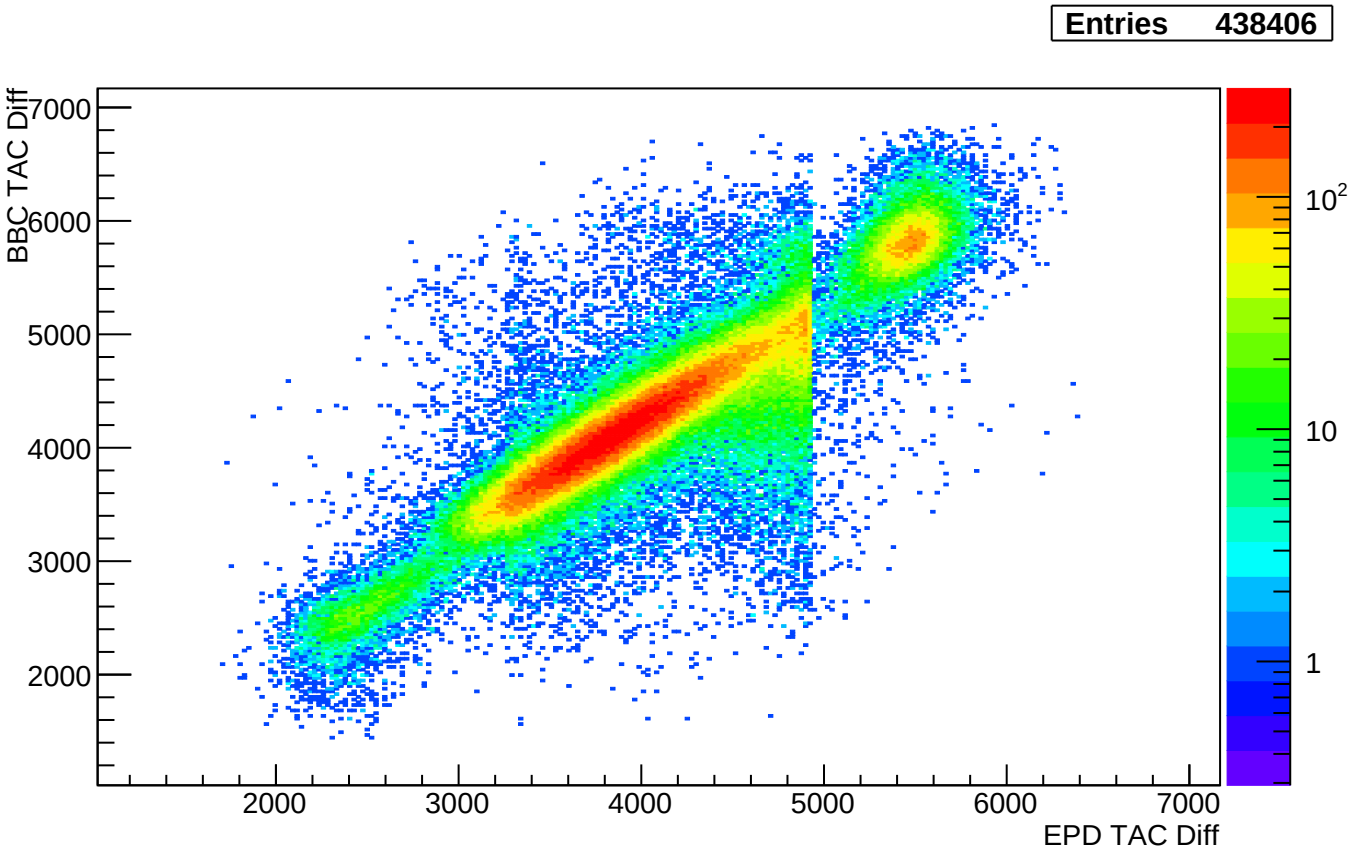

Entries 438406
TOF_Mult
BBC-S-West ADC Sum

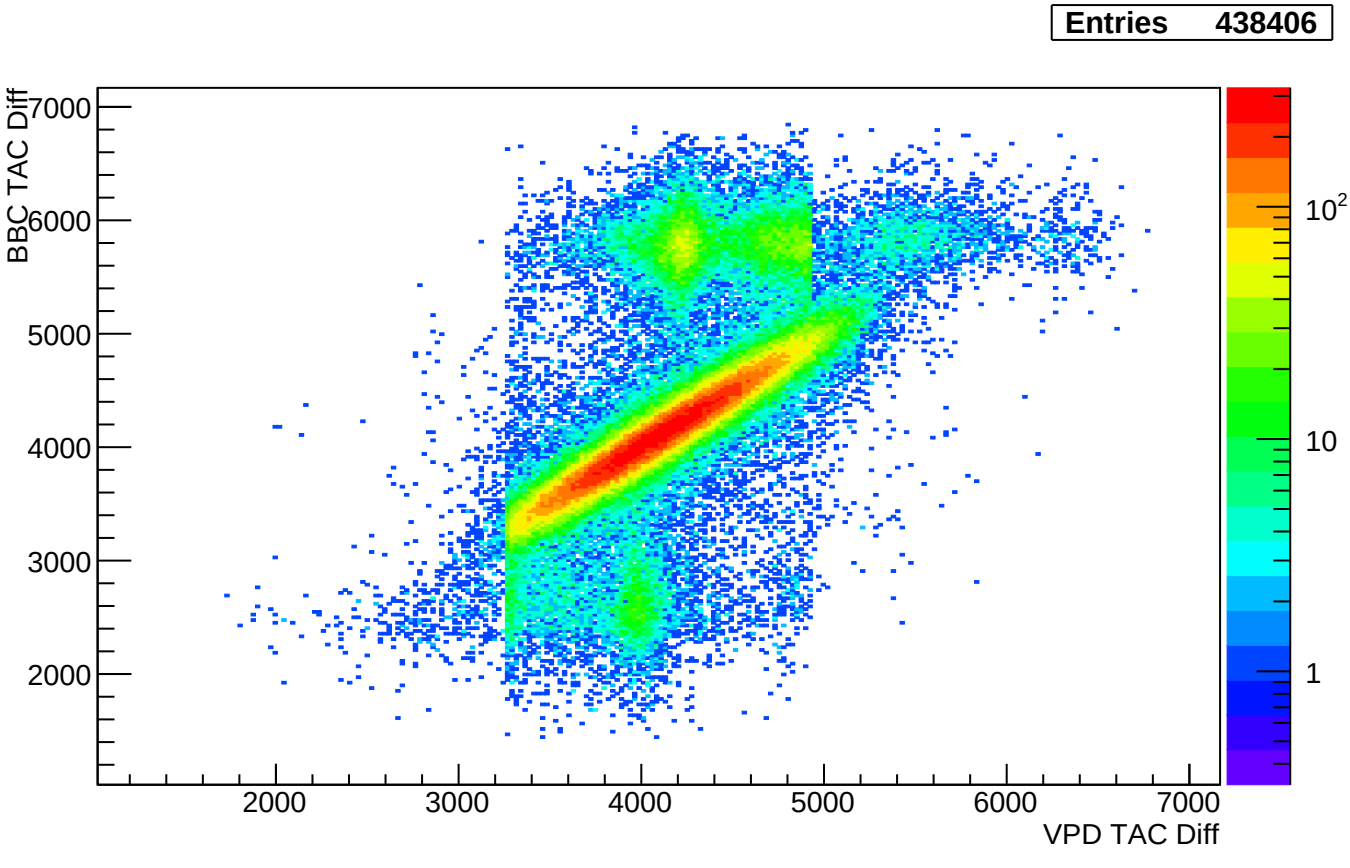

Entries 438406
TOF_Mult
EPD-East Hit Cnt

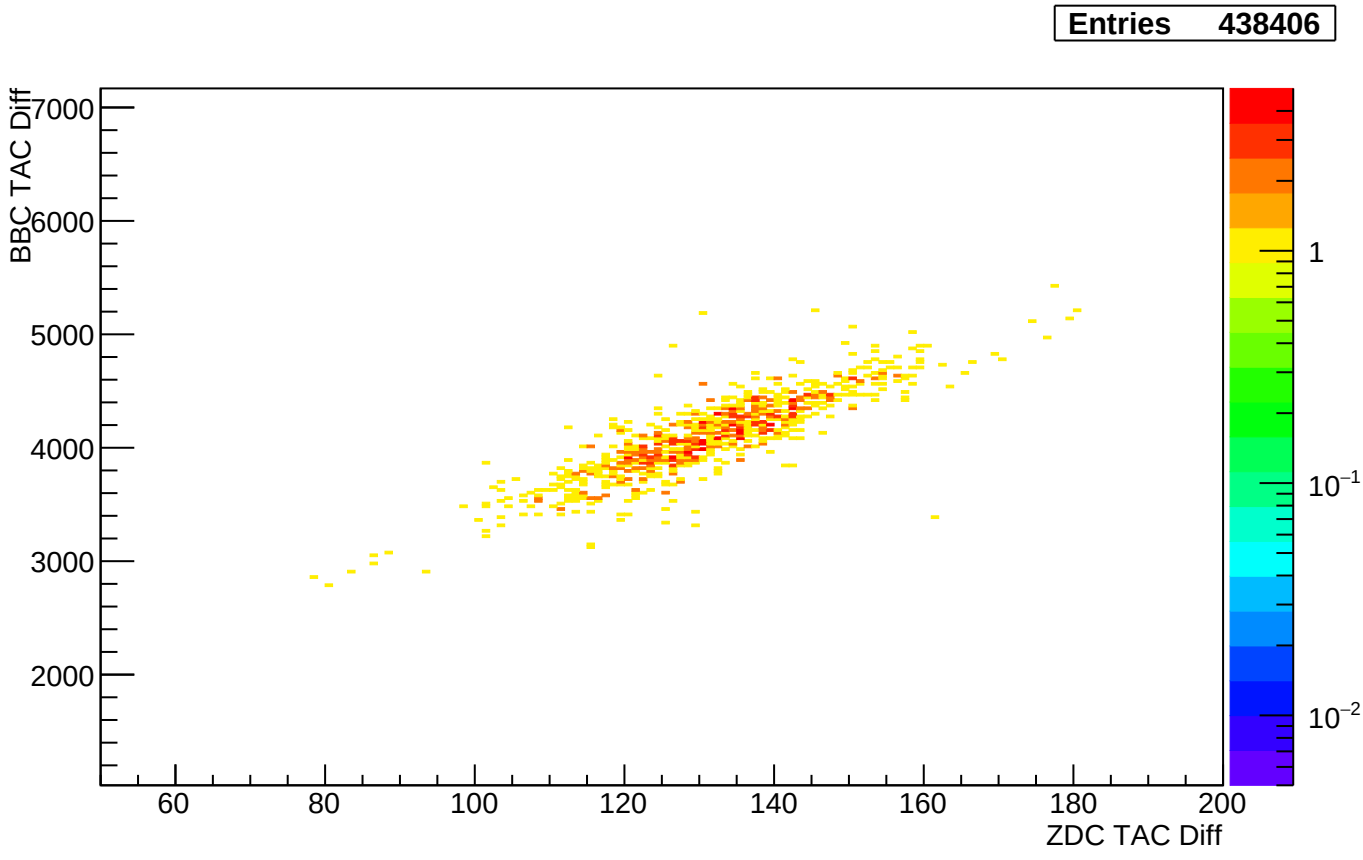

Entries 438406
TOF_Mult
EPD-West Hit Cnt

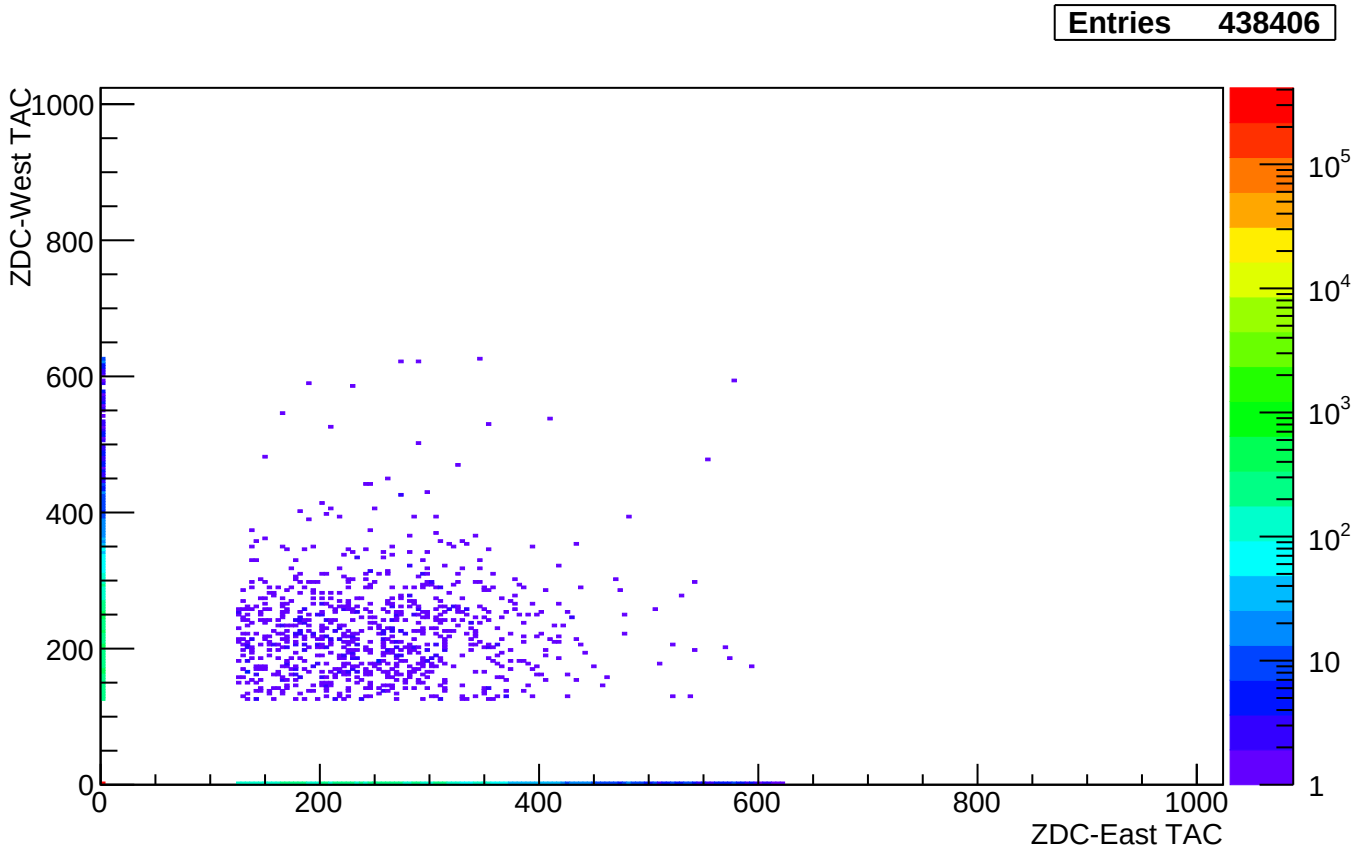

Entries 438406
TOF_Mult
VPD-East ADC Sum

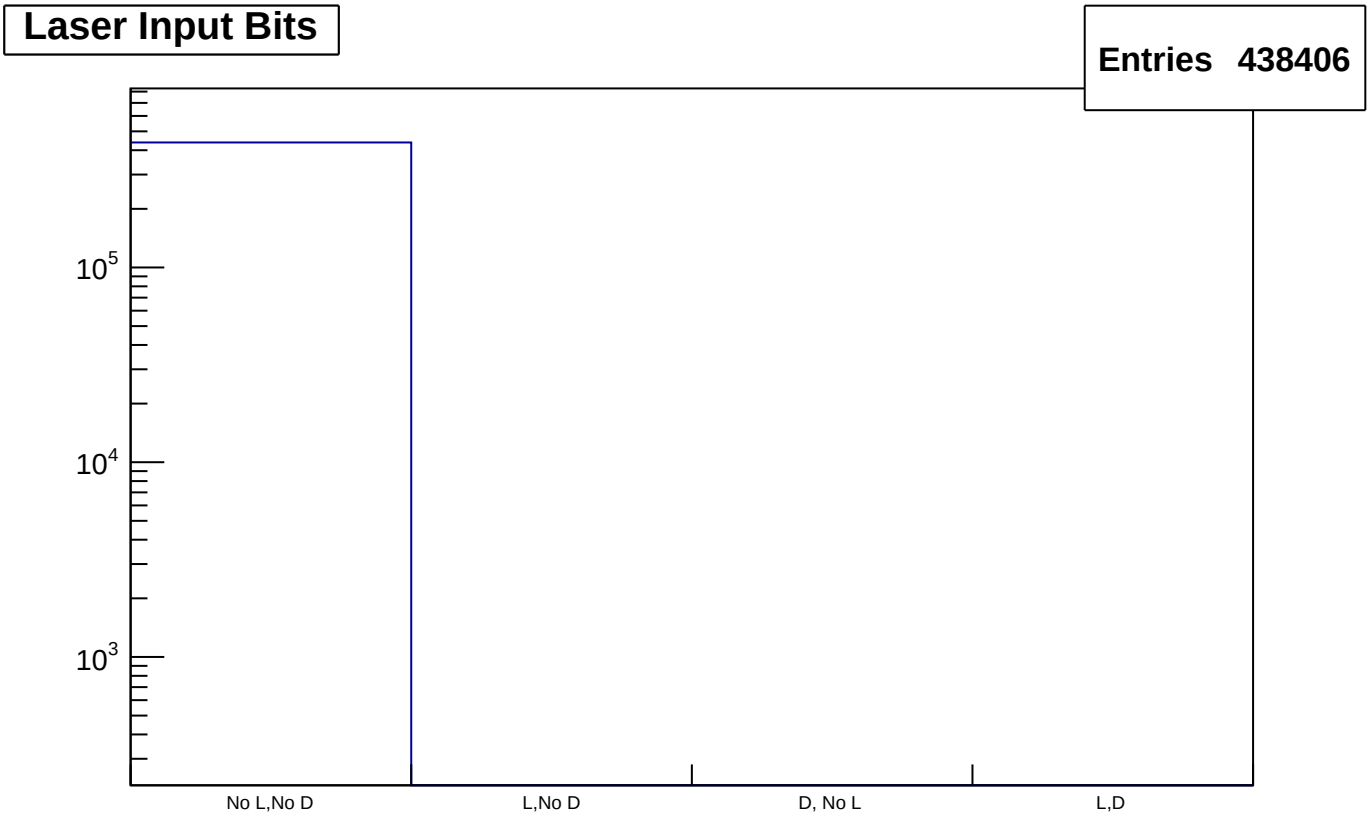

Entries 438406
TOF_Mult
VPD-West ADC Sum

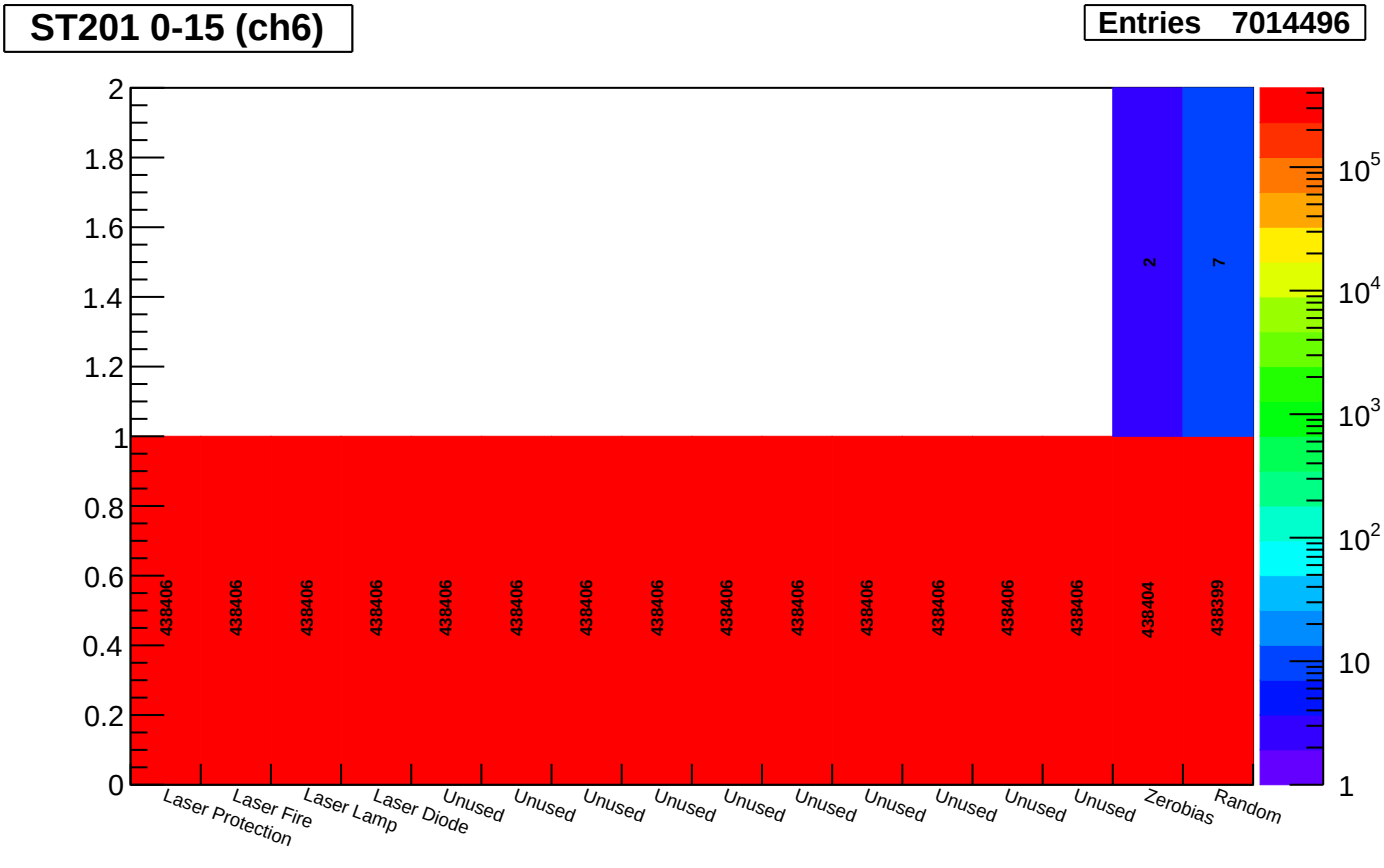

Entries 438406
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

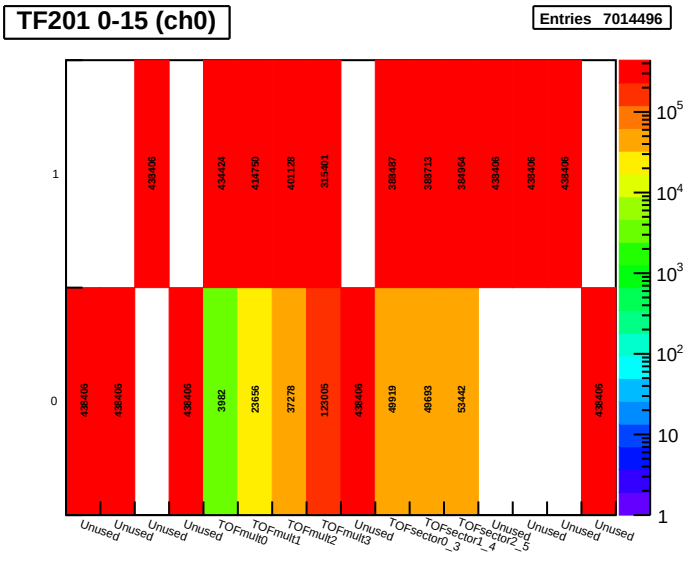

Entries 438406
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

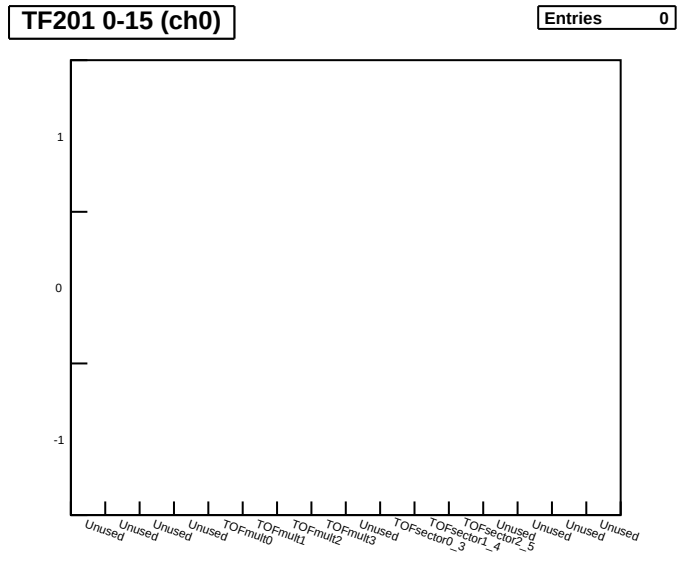

Entries 438406
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

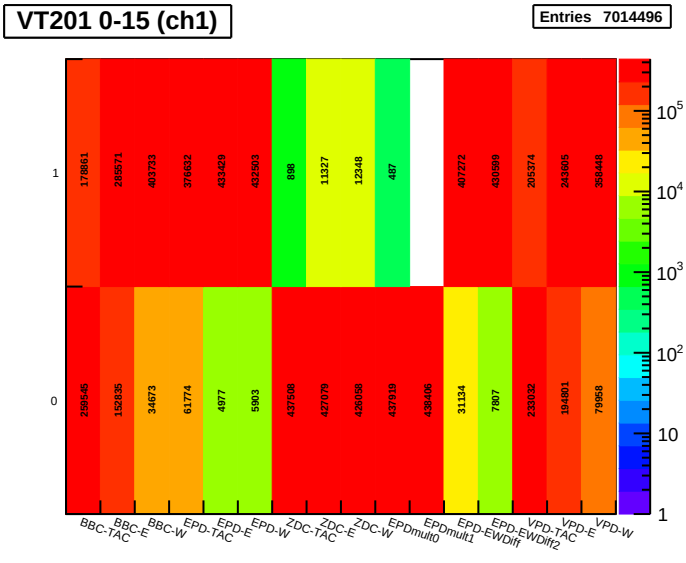

Entries 438406
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

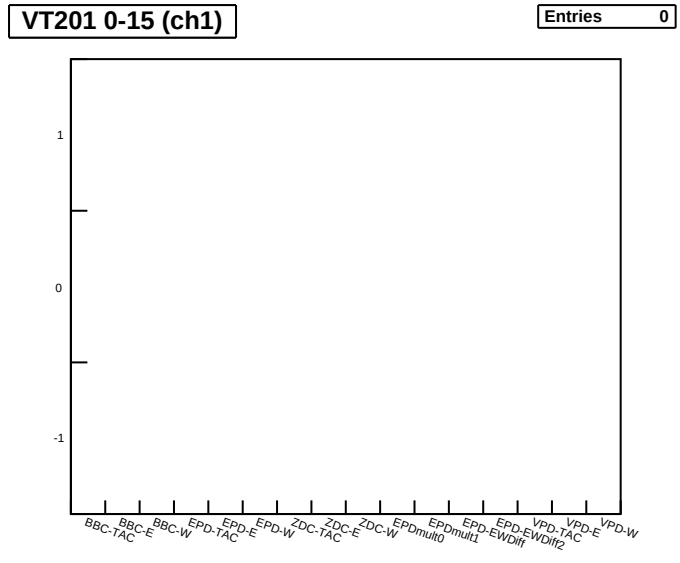

Laser Input Bits
Entries 438406
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

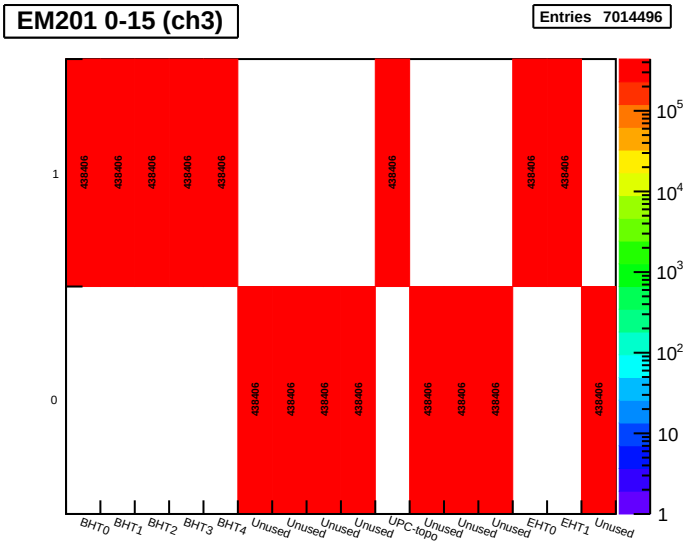

ST201 0-15 (ch6)
Entries 7014496
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
438406
438406
438406
438406
438406
438406
438406
438406
438406
438406
438406
438406
438406
438406
438404
438399
2
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

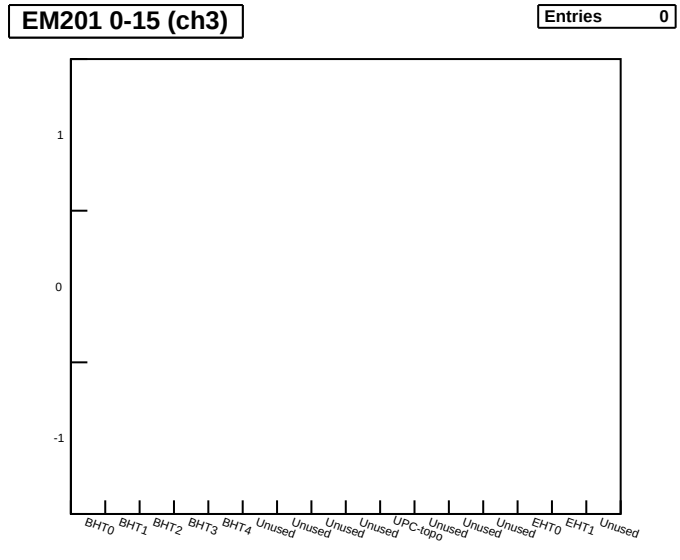

TF201 0-15 (ch0)
Entries 7014496
1
0
438406 434424 414750 401128 315401 388487 388713 384964 438406 438406 438406
438406 438406 438406 3982 23656 37278 123005 438406 49919 49693 53442 438406
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused


VT201 0-15 (ch1)
Entries 7014496
1
0
178861 295571 403733 376632 433429 432503 898 11327 12348 487 407272 430599 205374 243605 358448
298545 152835 34673 61774 4977 5903 437508 427079 426058 437919 438406 31134 7807 233032 194801 79958
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 7014496
1
0
438406 438406 438406 438406 438406 438406 438406 438406
438406 438406 438406 438406 438406 438406 438406 438406
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