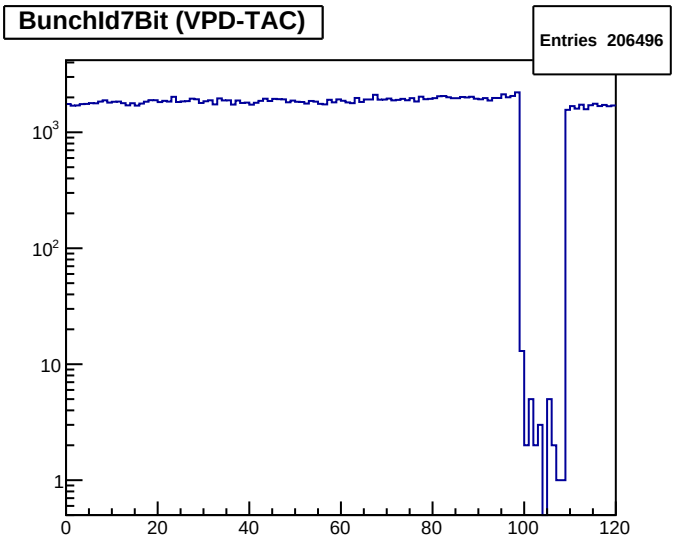
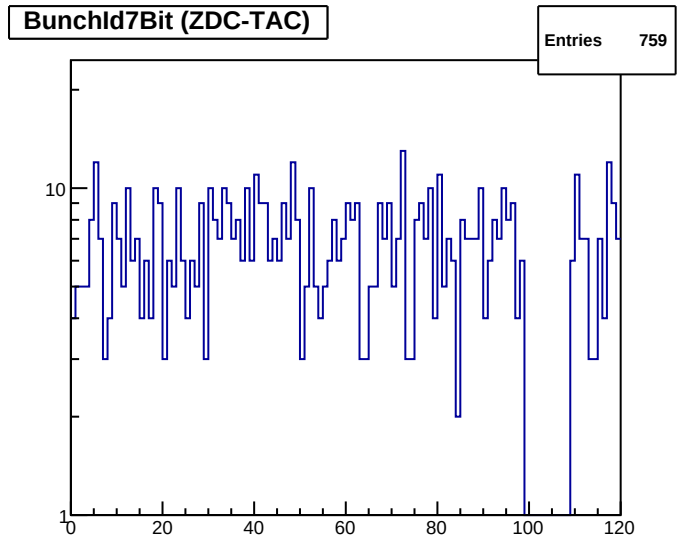
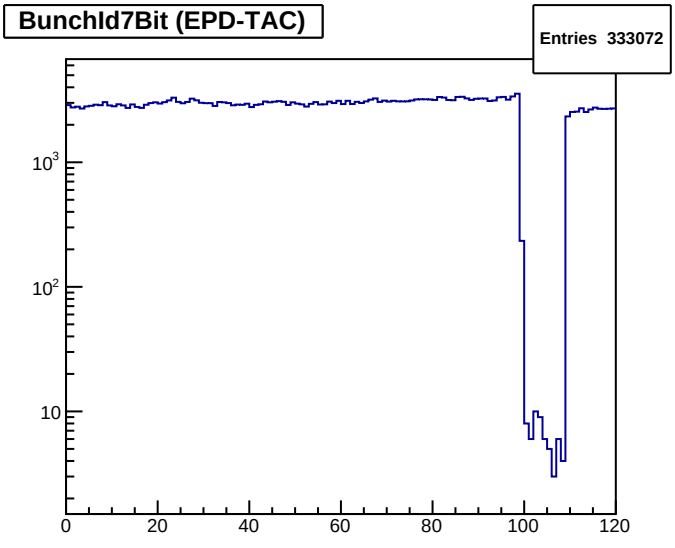
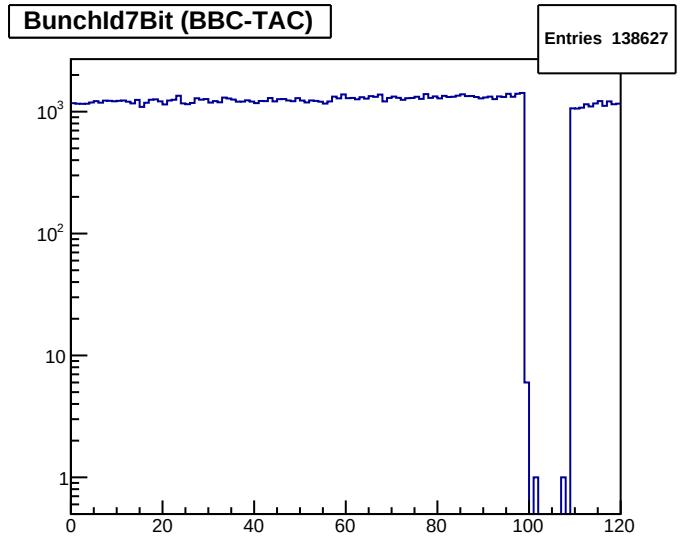
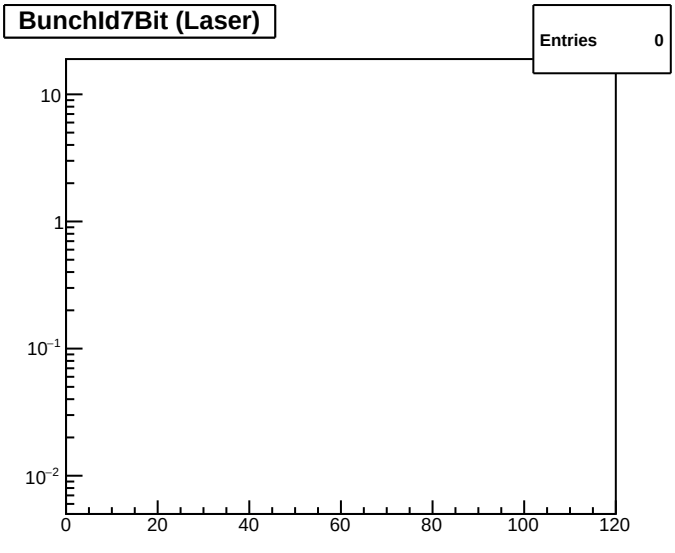
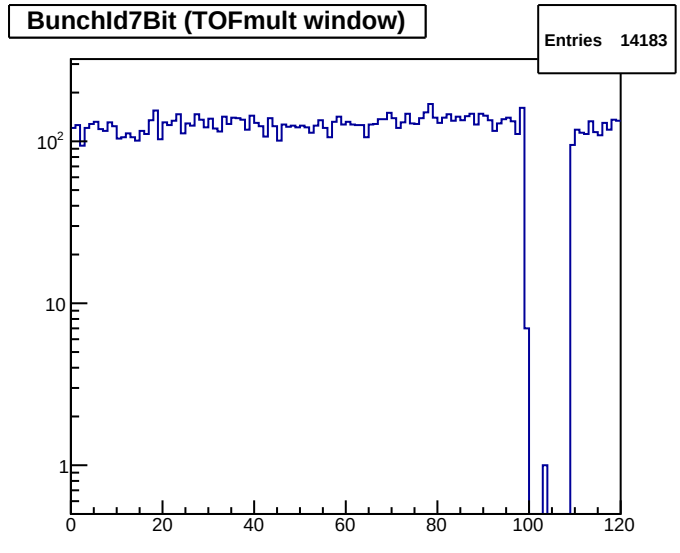

BunchId7Bit (VPD-TAC)
Entries 206496

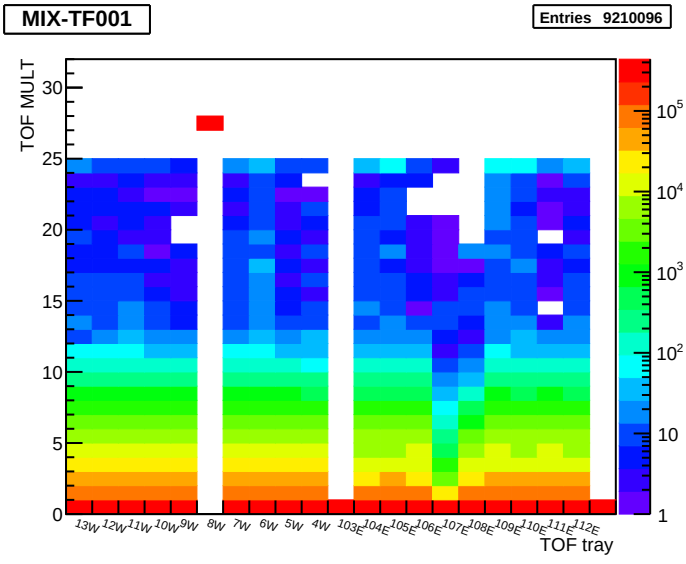

BunchId7Bit (ZDC-TAC)
Entries 759

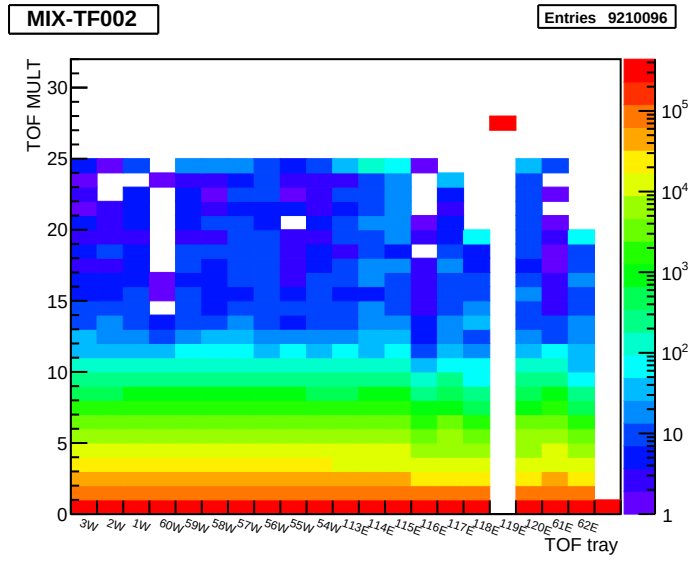

BunchId7Bit (EPD-TAC)
Entries 333072

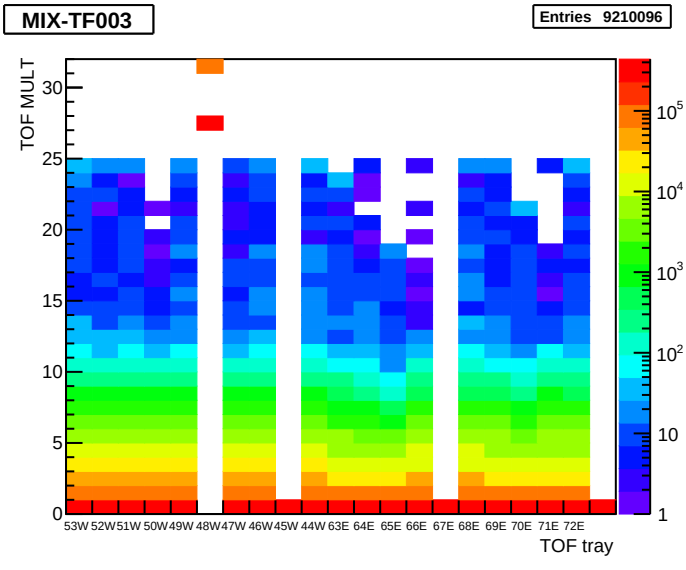

BunchId7Bit (BBC-TAC)
Entries 138627

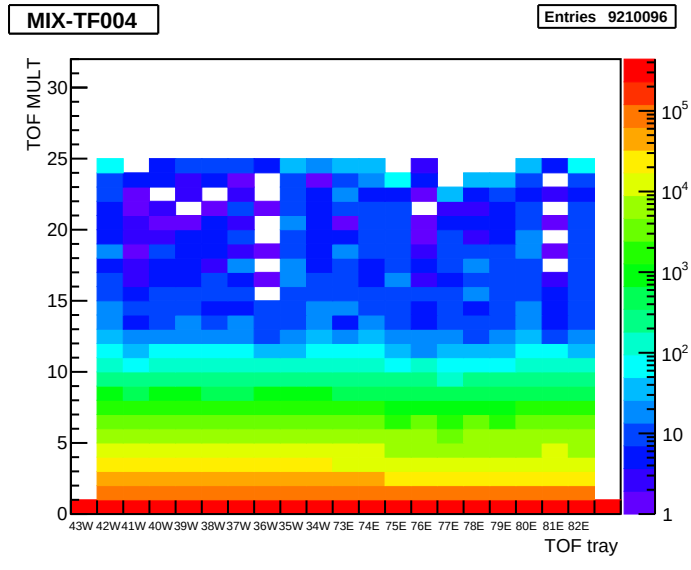

BunchId7Bit (Laser)
Entries 0

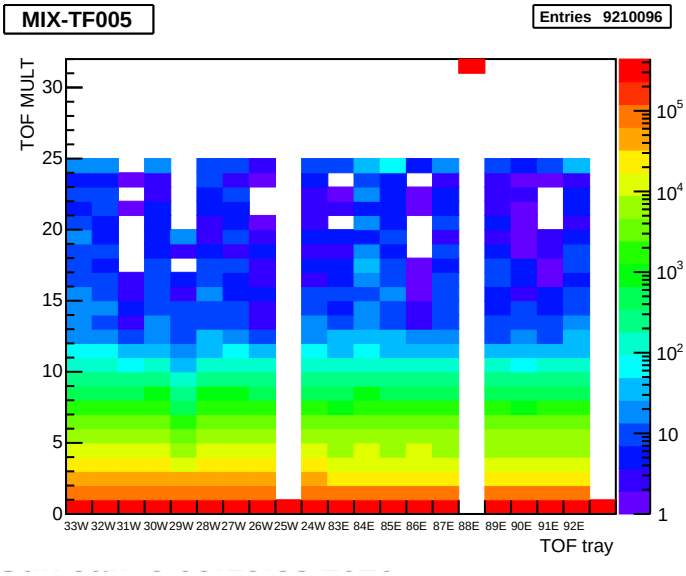

BunchId7Bit (TOFmult window)
Entries 14183

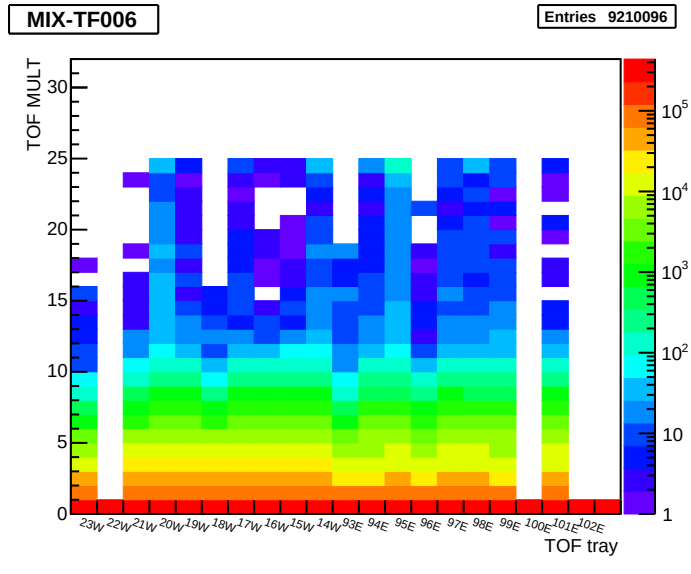

MIX-TF001
Entries 9210096
TOF MULT
TOF tray

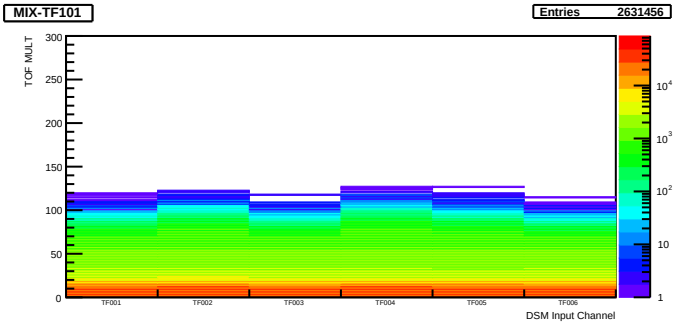

MIX-TF002
Entries 9210096
TOF MULT
TOF tray

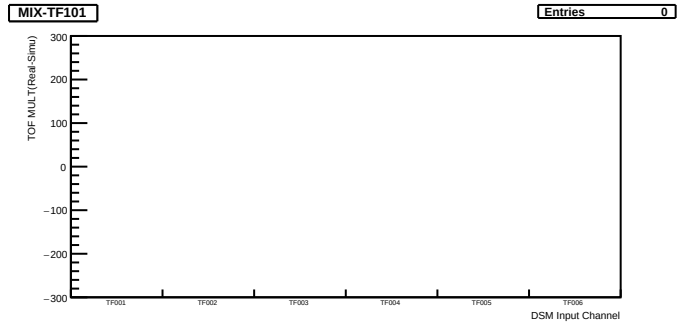

MIX-TF003
Entries 9210096
TOF MULT
TOF tray

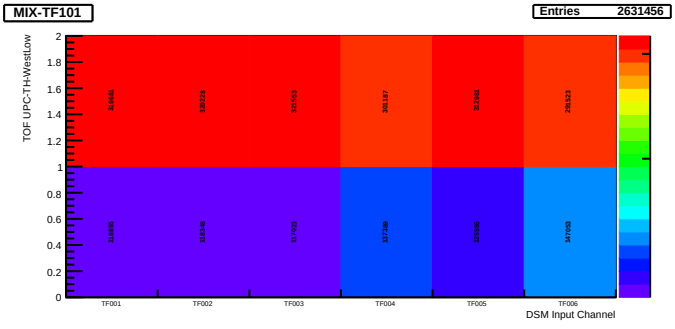

MIX-TF004
Entries 9210096
TOF MULT
TOF tray

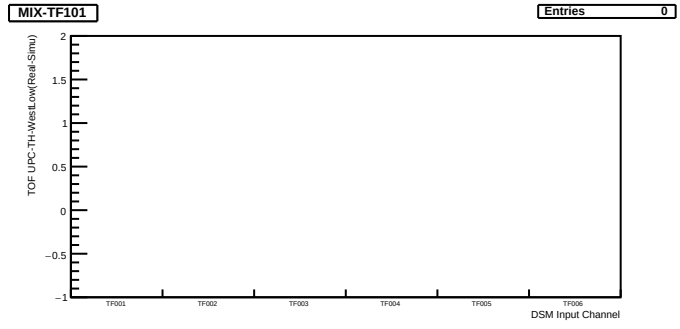

MIX-TF005
Entries 9210096
TOF MULT
TOF tray

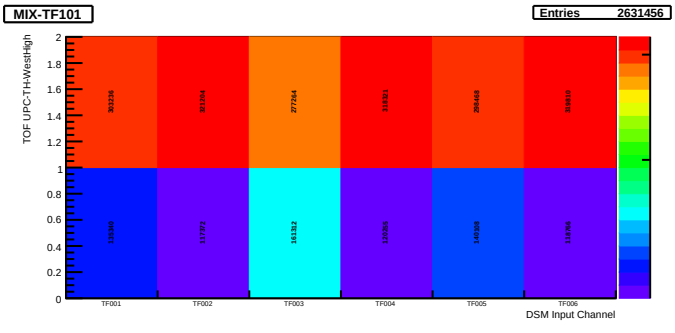

MIX-TF006
Entries 9210096
TOF MULT
TOF tray

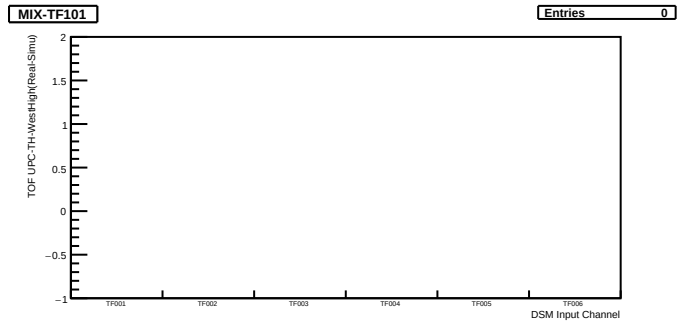

MIX-TF101
Entries 2631456
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

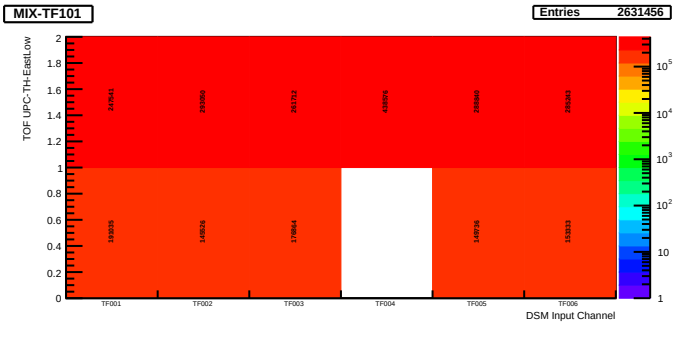

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

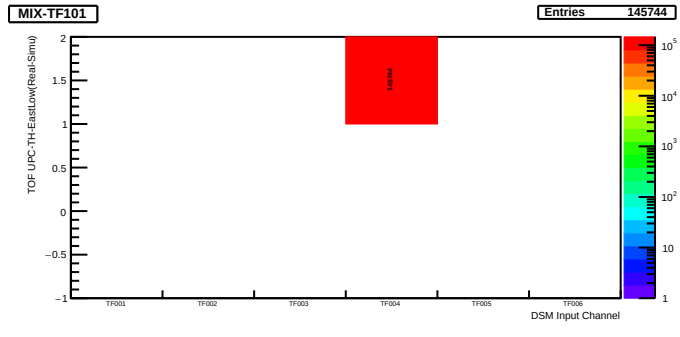

MIX-TF101
Entries 2631456
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

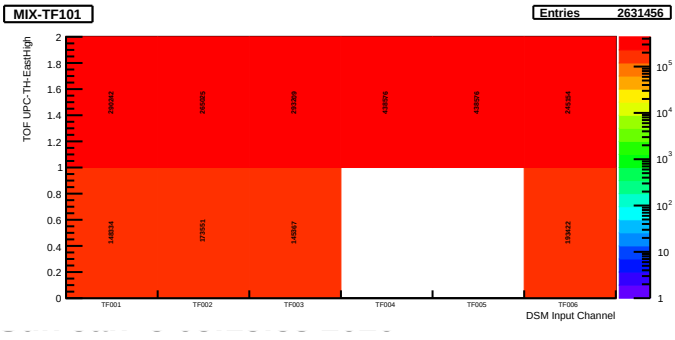

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

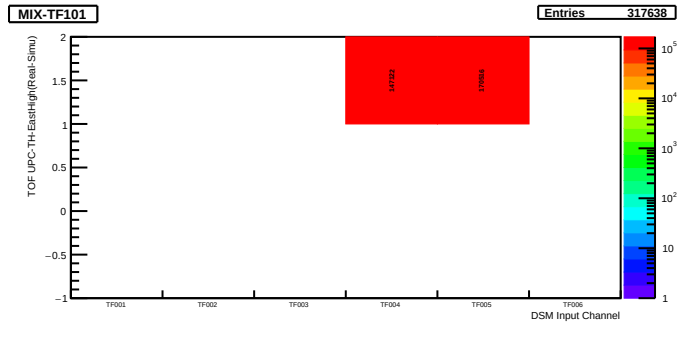

MIX-TF101
Entries 2631456
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

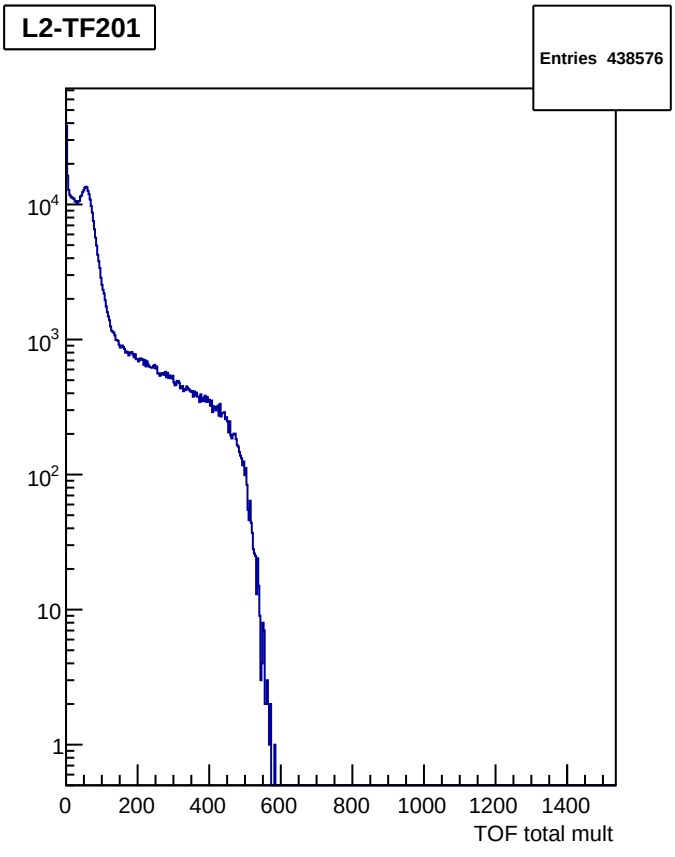

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

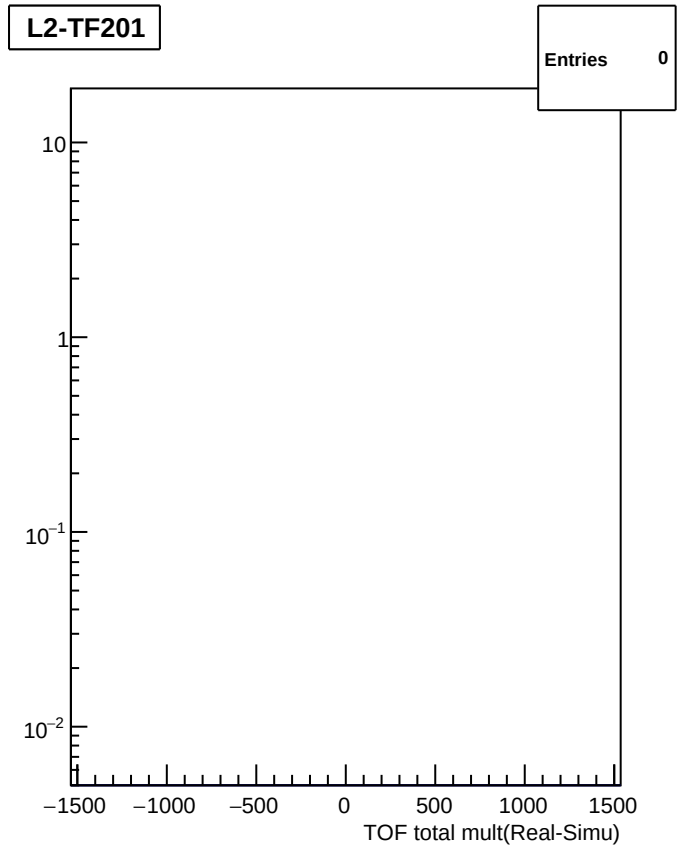

MIX-TF101
Entries 2631456
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

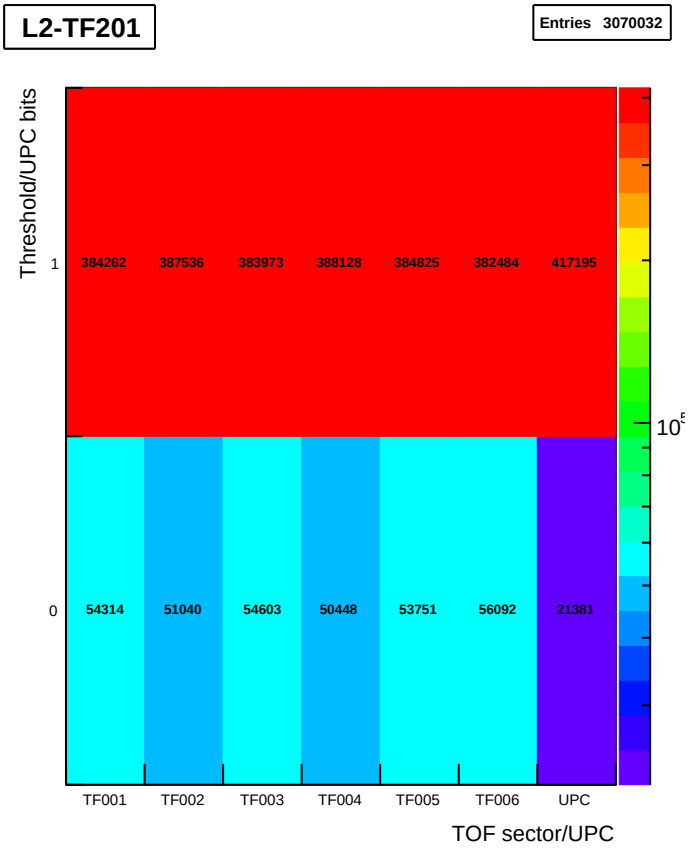

MIX-TF101
Entries 145744
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

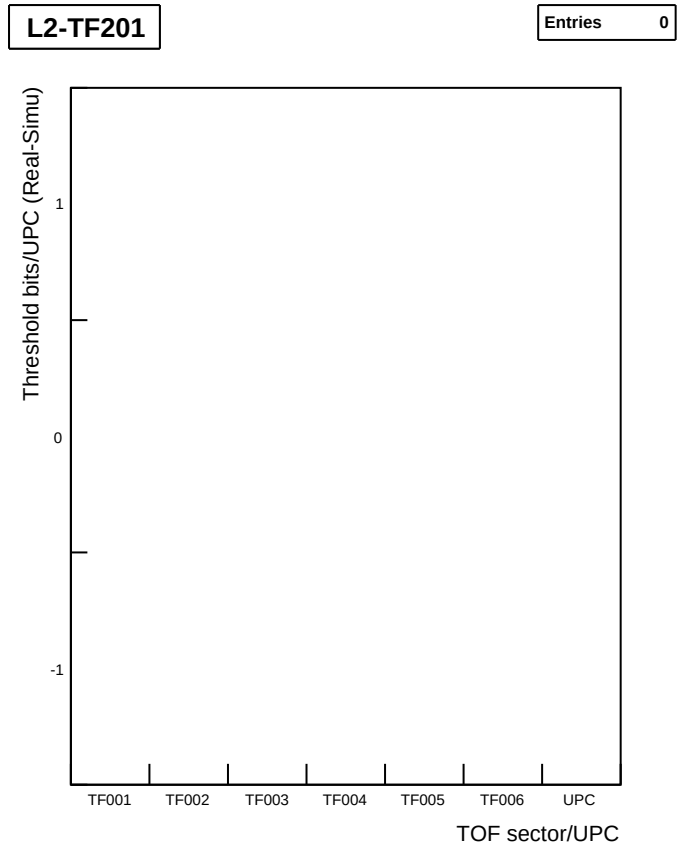

MIX-TF101
Entries 2631456
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

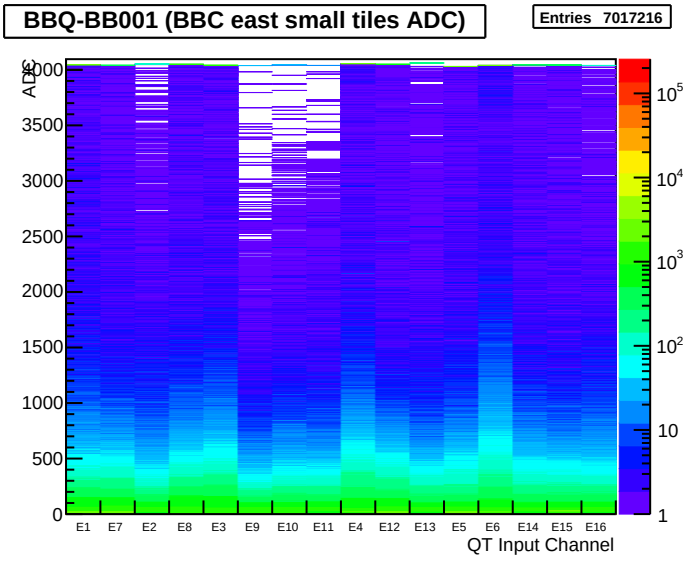

MIX-TF101
Entries 317638
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

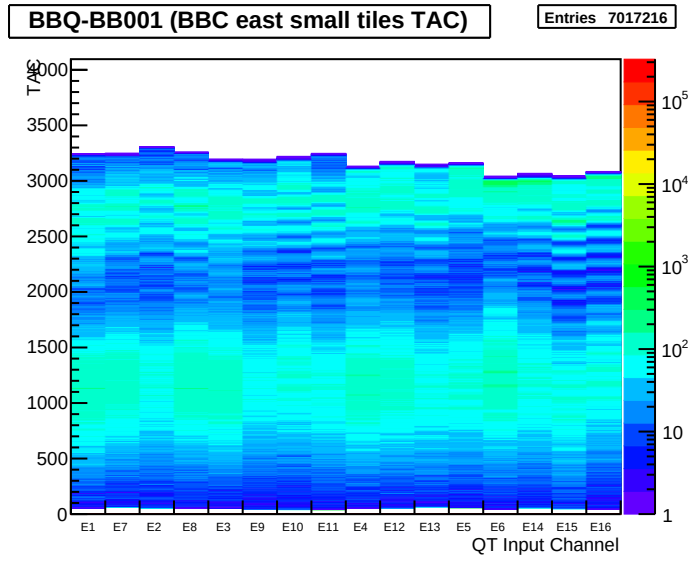

L2-TF201
Entries 438576
TOF total mult

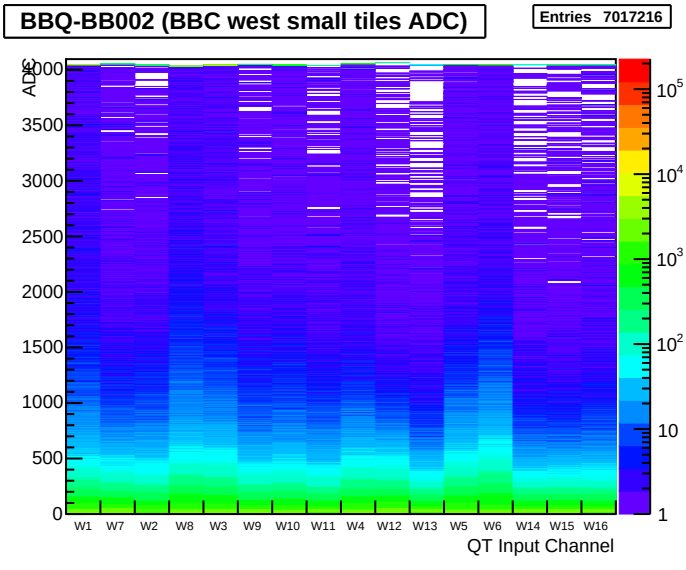

L2-TF201
Entries 0
TOF total mult(Real-Simu)

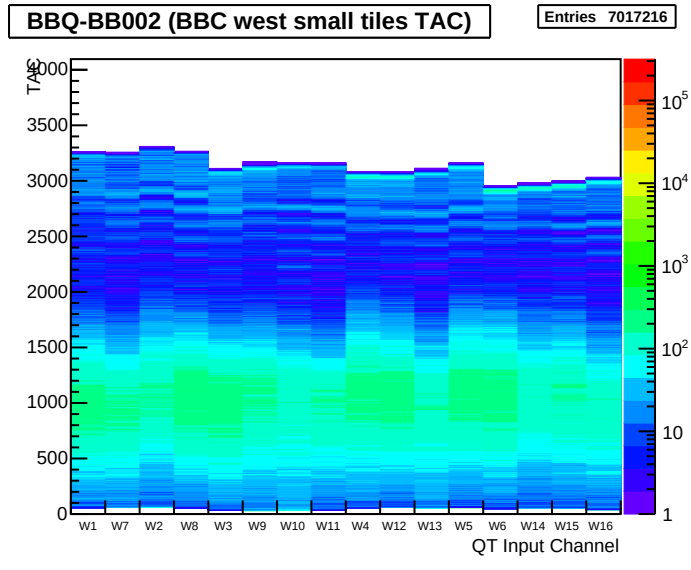

L2-TF201
Entries 3070032
Threshold/UPC bits
384262
387536
383973
388128
384825
382484
417195
54314
51040
54603
50448
53751
56092
21381
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

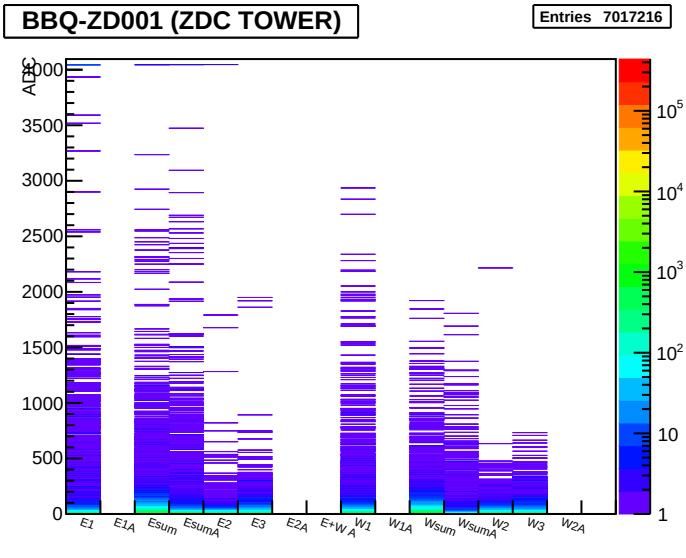

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

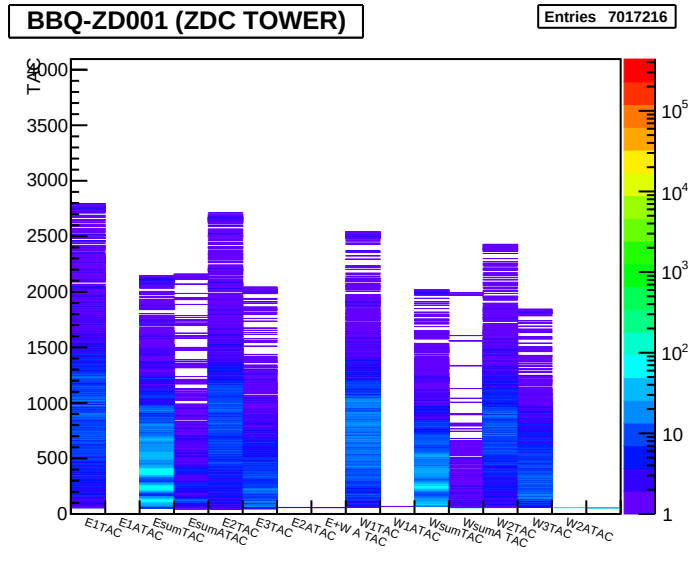

BBQ-BB001 (BBC east small tiles ADC)
Entries 7017216
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

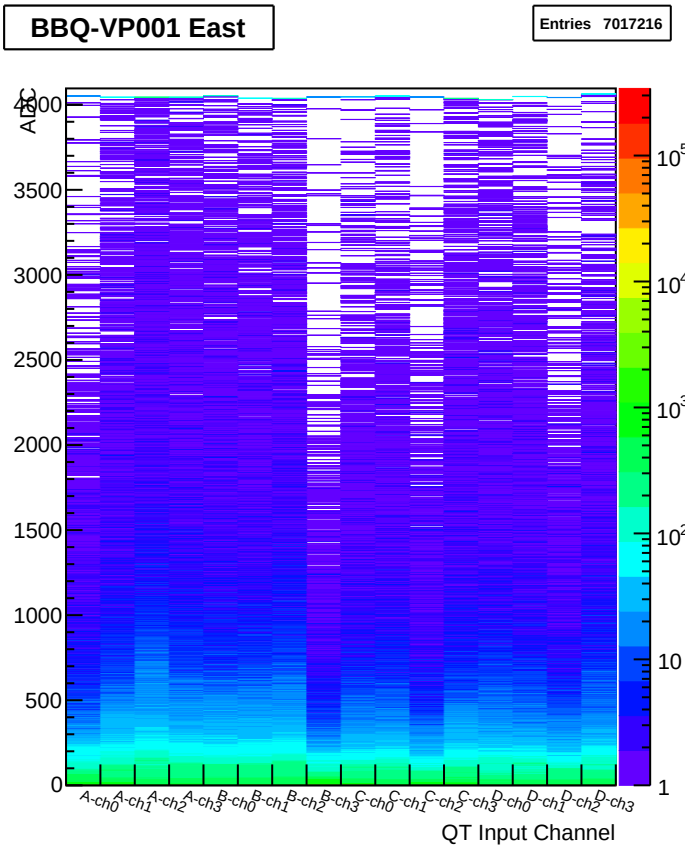

BBQ-BB001 (BBC east small tiles TAC)
Entries 7017216
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

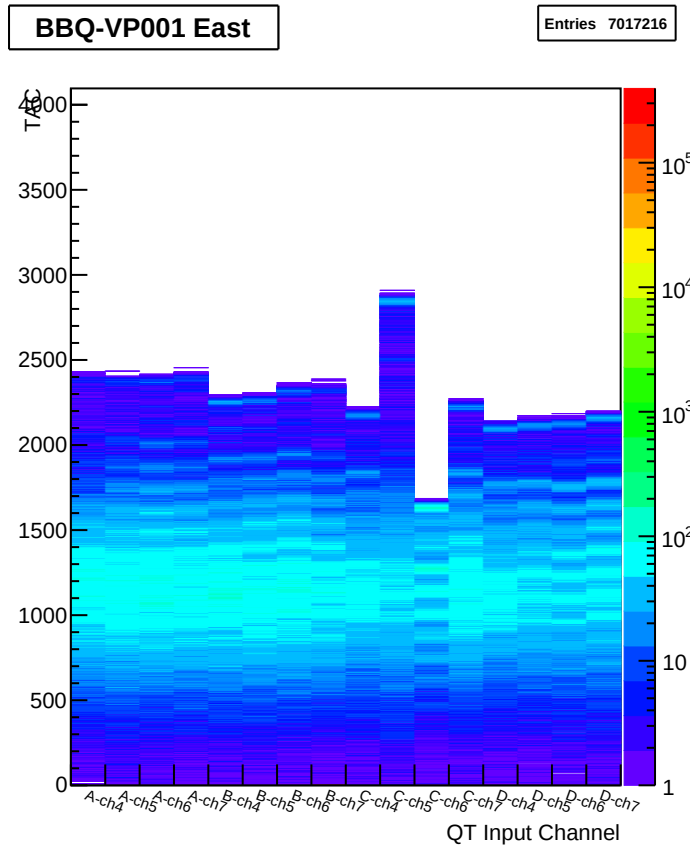

BBQ-BB002 (BBC west small tiles ADC)
Entries 7017216
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

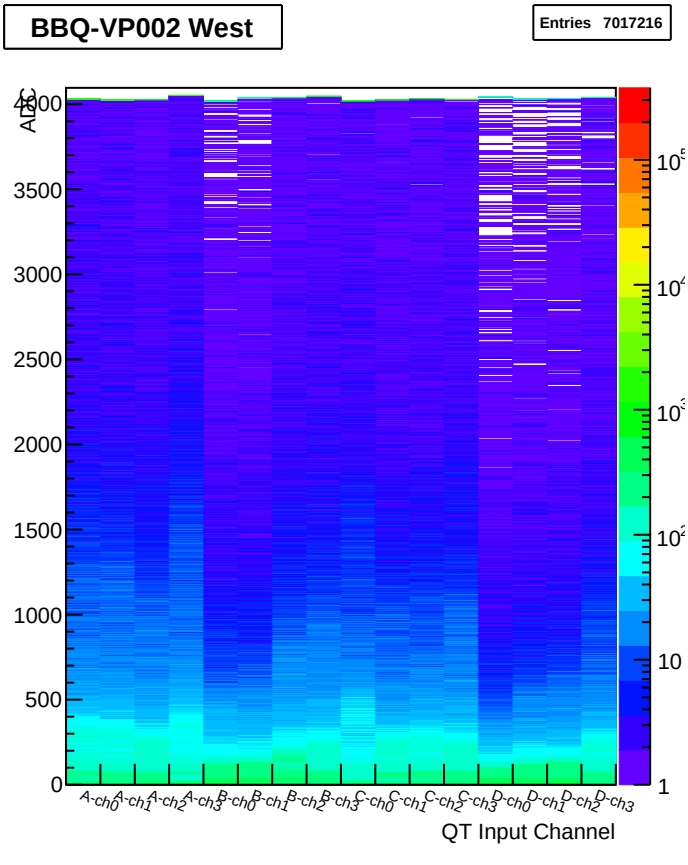

BBQ-BB002 (BBC west small tiles TAC)
Entries 7017216
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

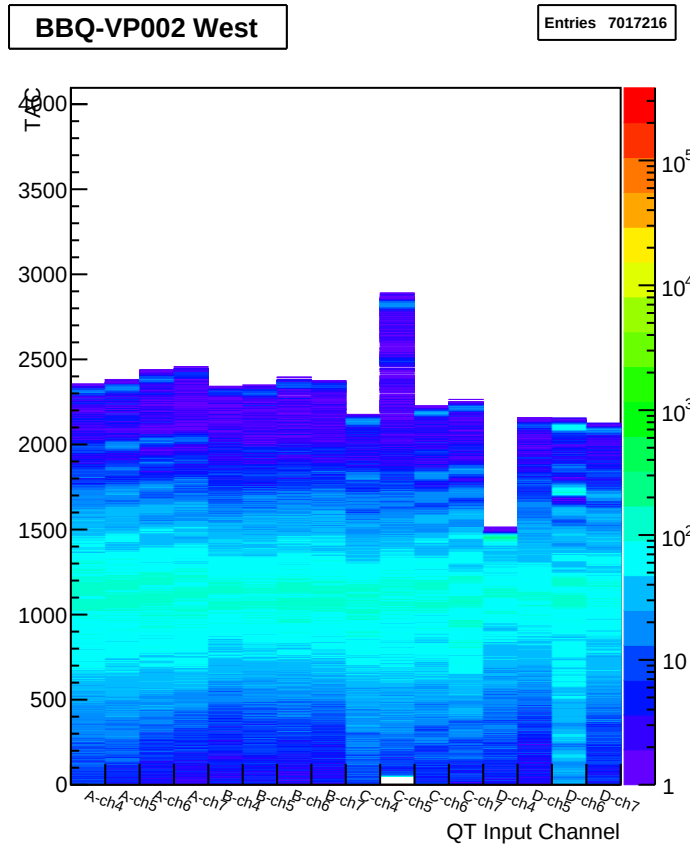

BBQ-ZD001 (ZDC TOWER)
Entries 7017216
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

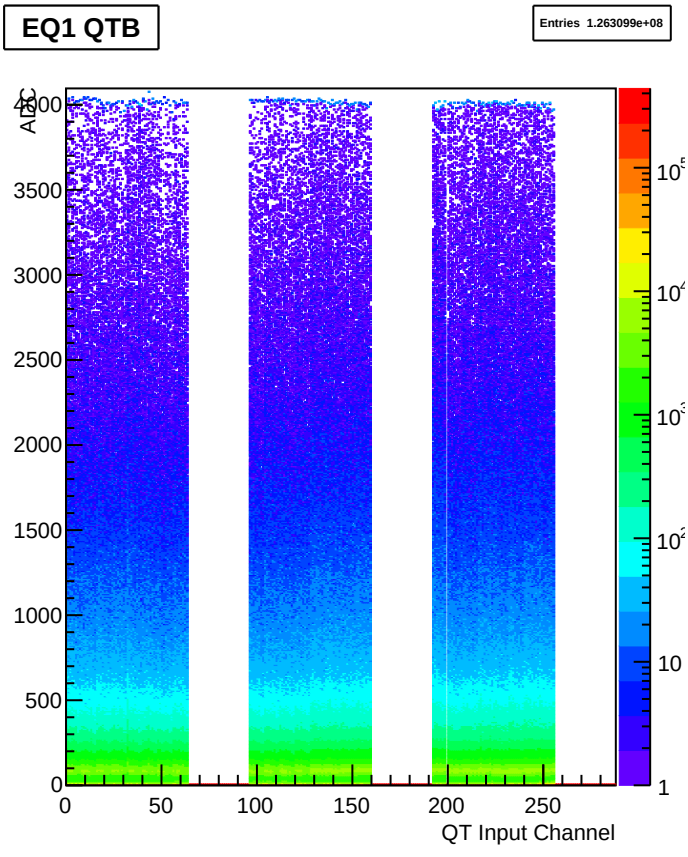

BBQ-ZD001 (ZDC TOWER)
Entries 7017216
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

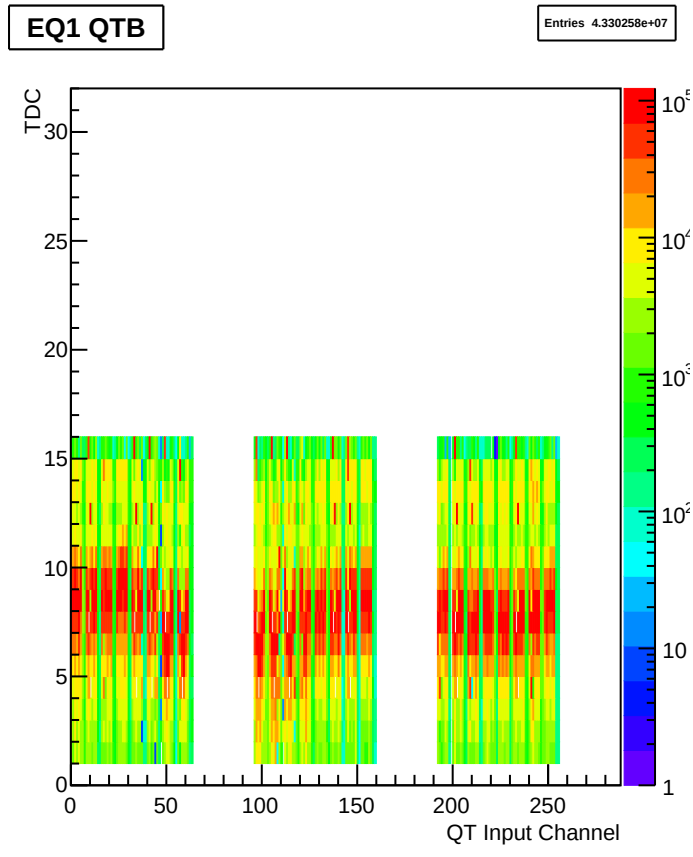

BBQ-VP001 East
Entries 7017216
ADC
QT Input Channel

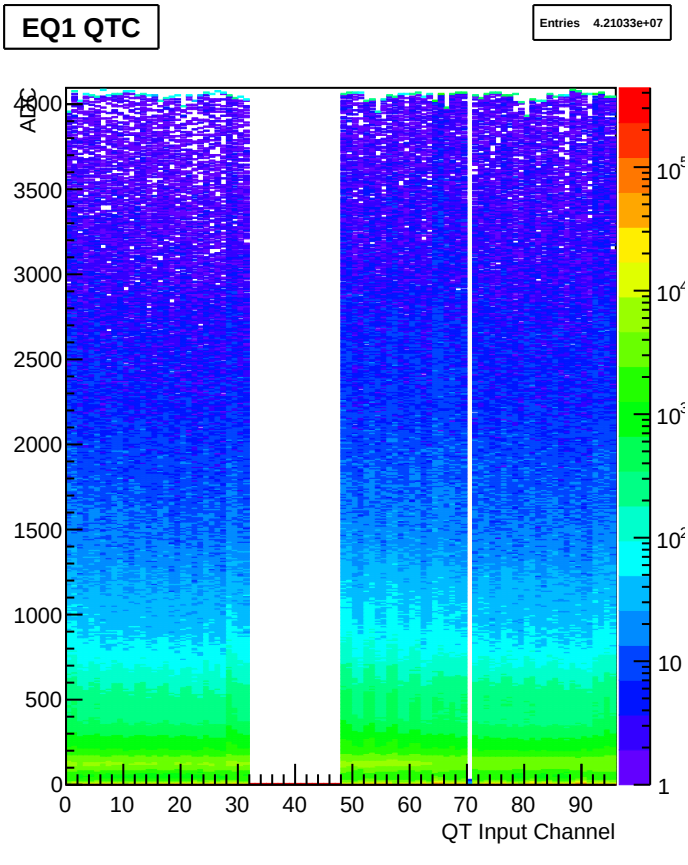

BBQ-VP001 East
Entries 7017216
ADC
QT Input Channel

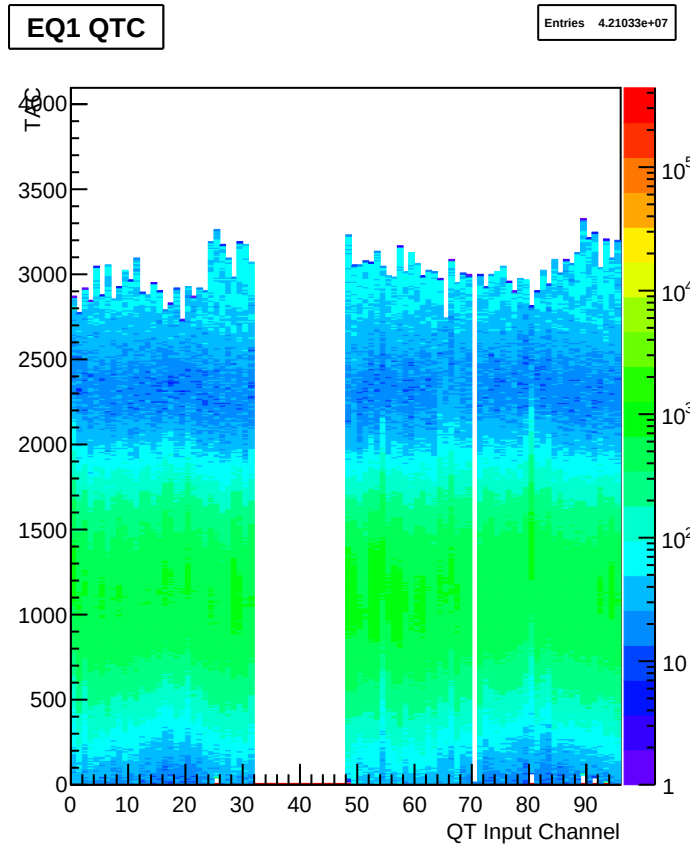

BBQ-VP002 West
Entries 7017216
ADC
QT Input Channel

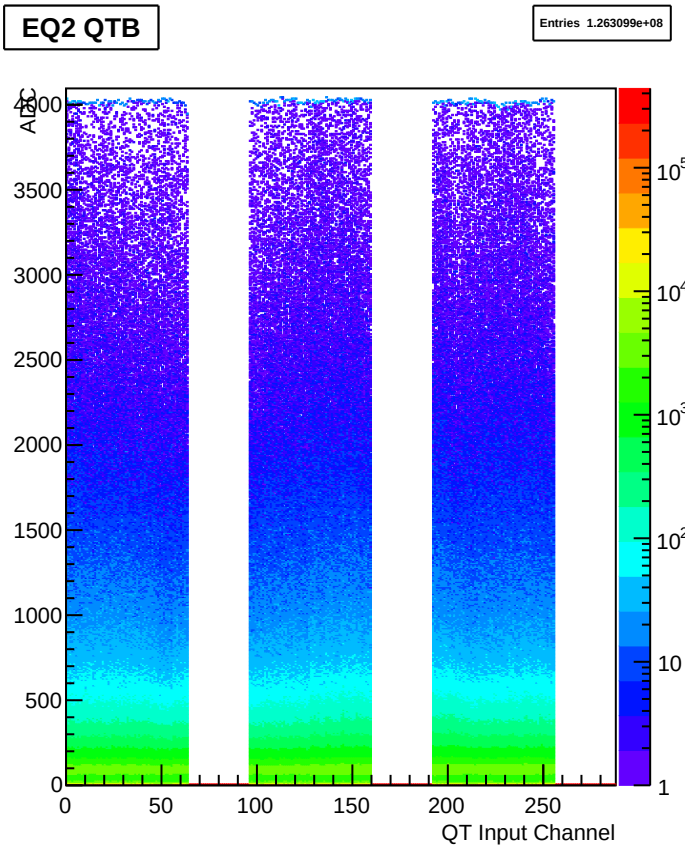

BBQ-VP002 West
Entries 7017216
ADC
QT Input Channel

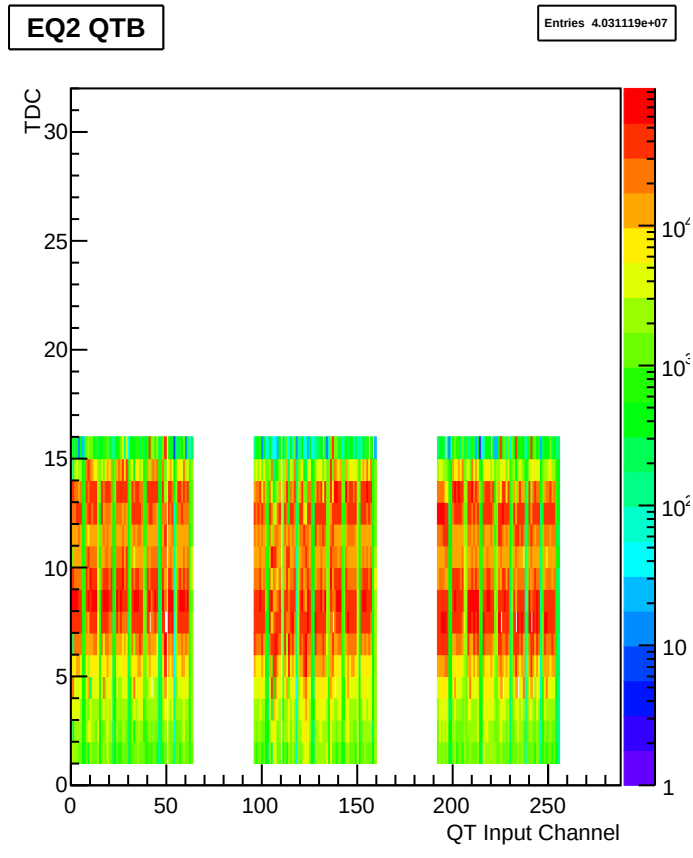

EQ1 QTB
Entries 1.263099e+08
ADC
QT Input Channel

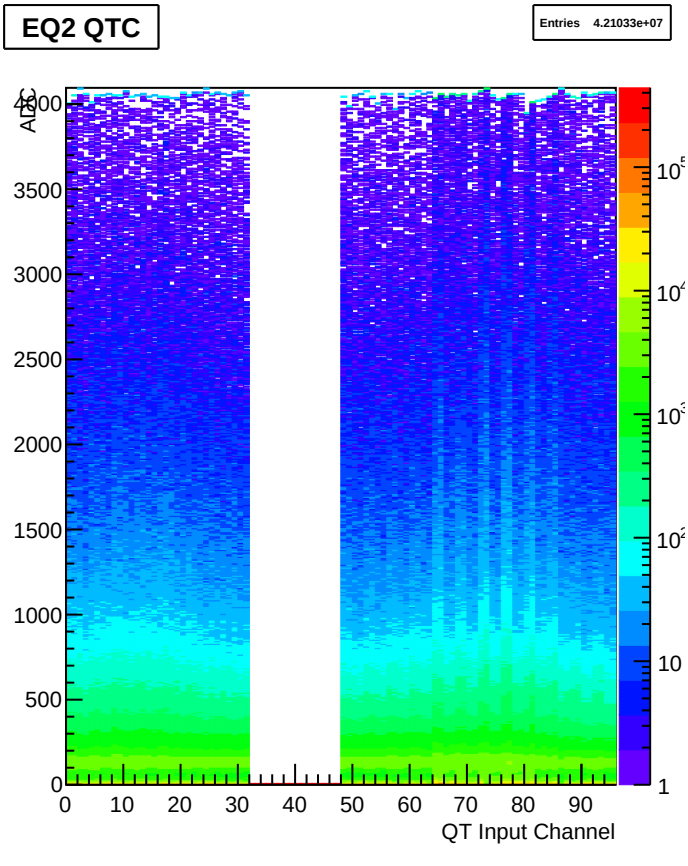

EQ1 QTB
Entries 4.330258e+07
TDC
QT Input Channel

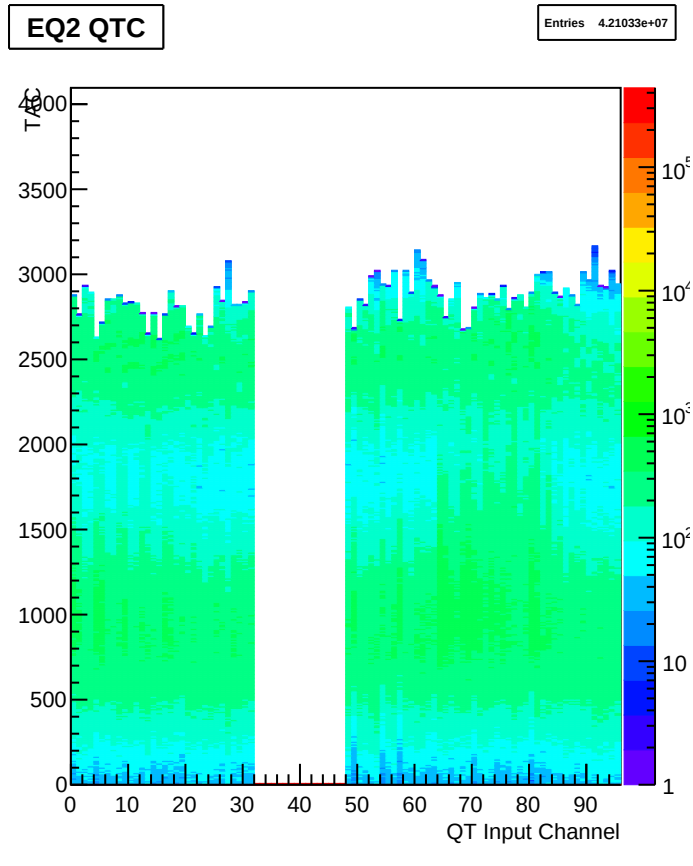

EQ1 QTC
Entries 4.21033e+07
ADC
QT Input Channel

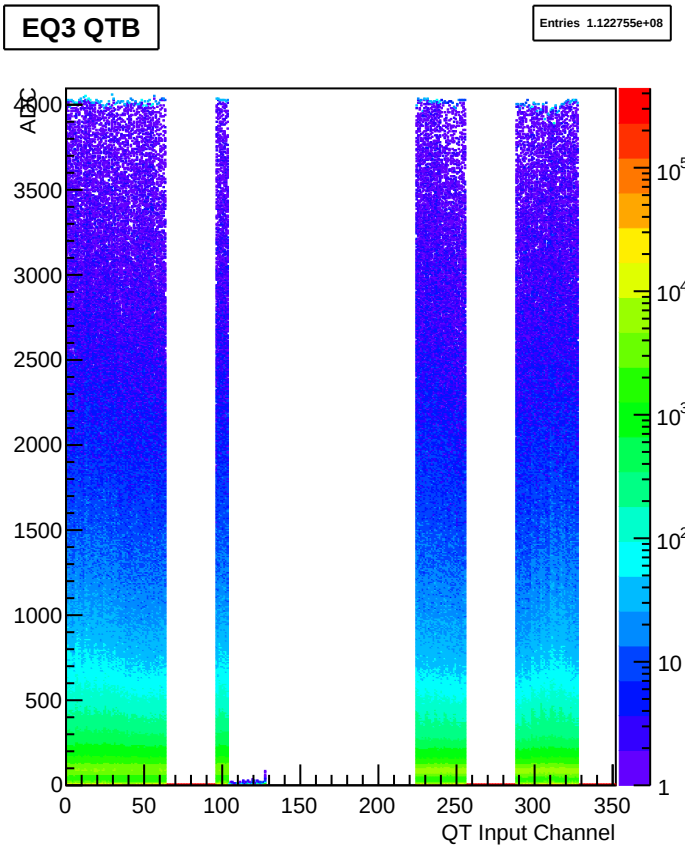

EQ1 QTC
Entries 4.21033e+07
TADC
QT Input Channel

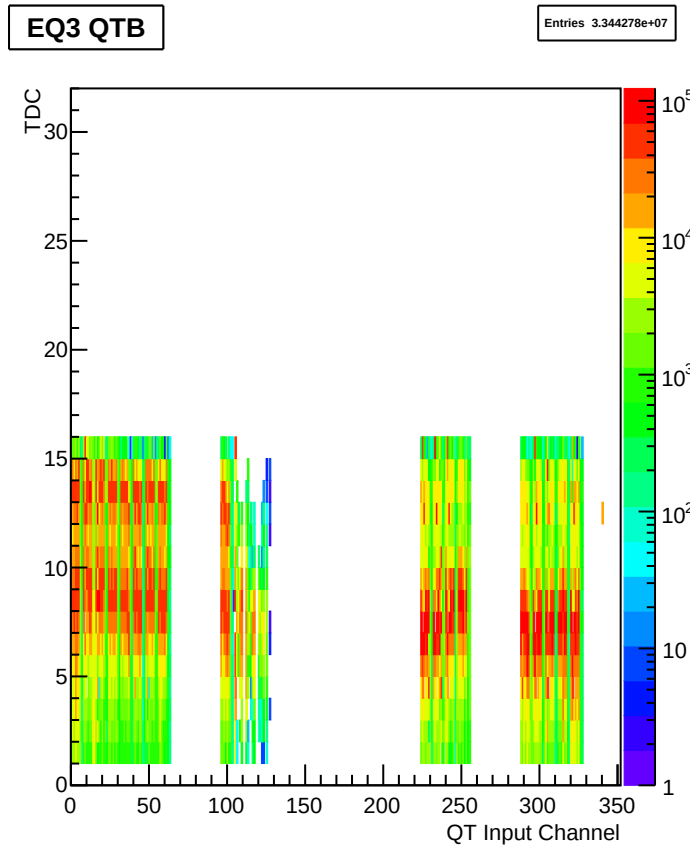

EQ2 QTB
Entries 1.263099e+08
ADC
QT Input Channel

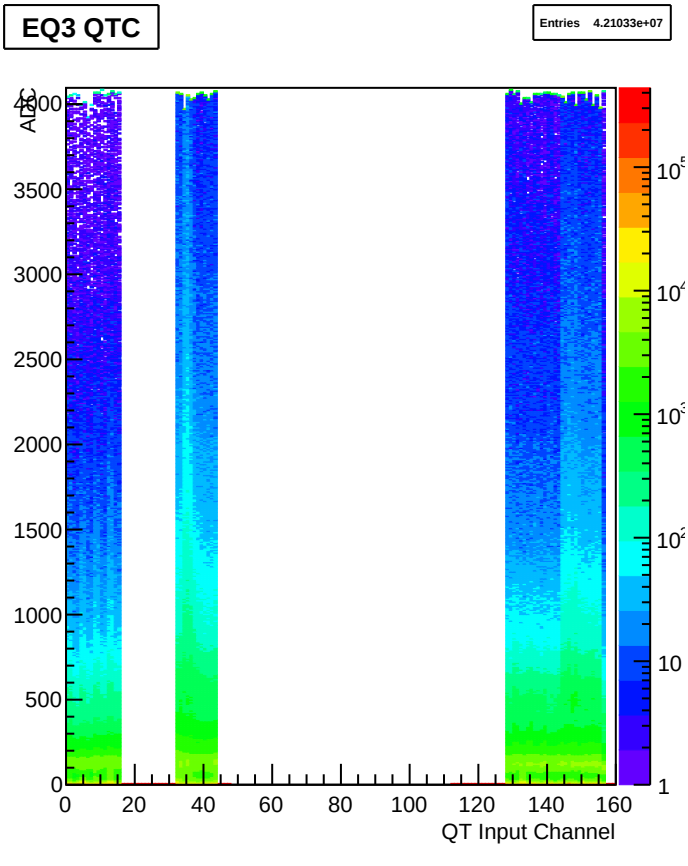

EQ2 QTB
Entries 4.031119e+07
TDC
QT Input Channel

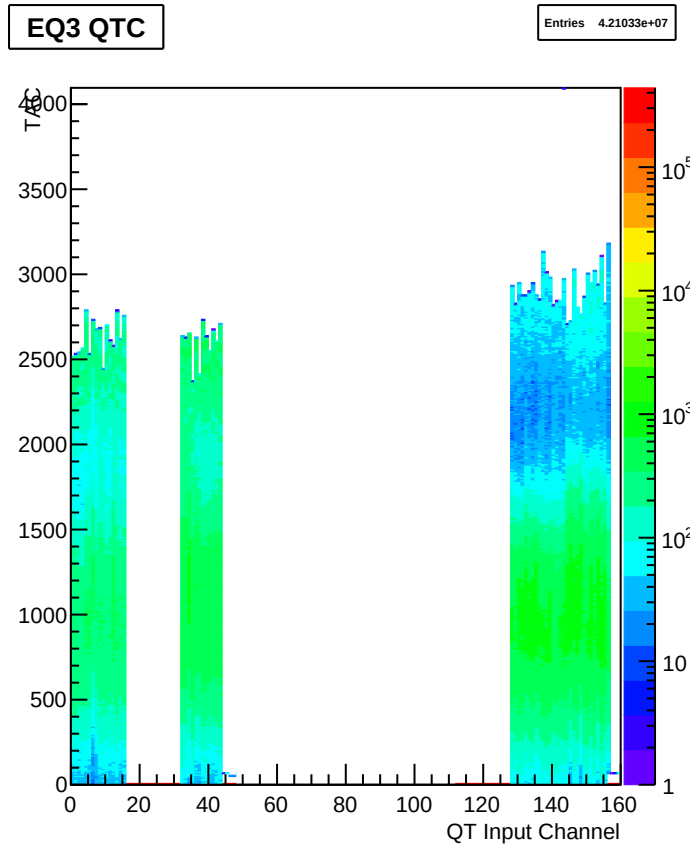

EQ2 QTC
Entries 4.21033e+07
ADC
QT Input Channel

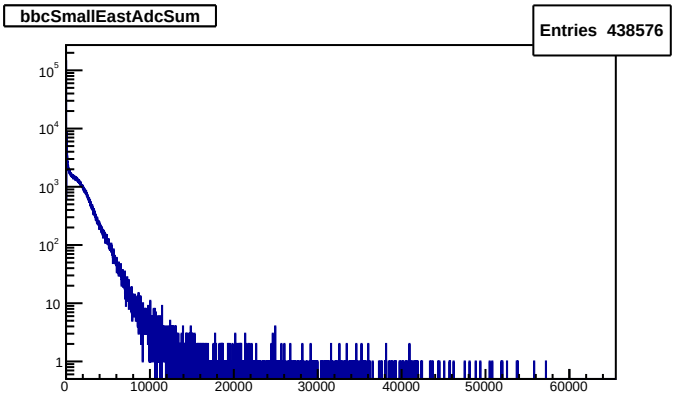

EQ2 QTC
Entries 4.21033e+07
TADC
QT Input Channel

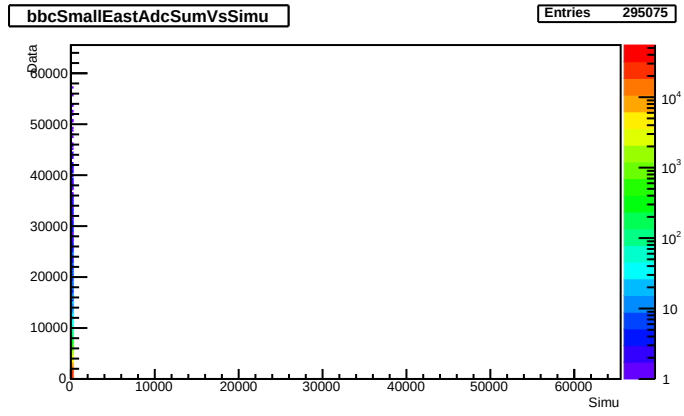

EQ3 QTB
Entries 1.122755e+08
ADC
QT Input Channel

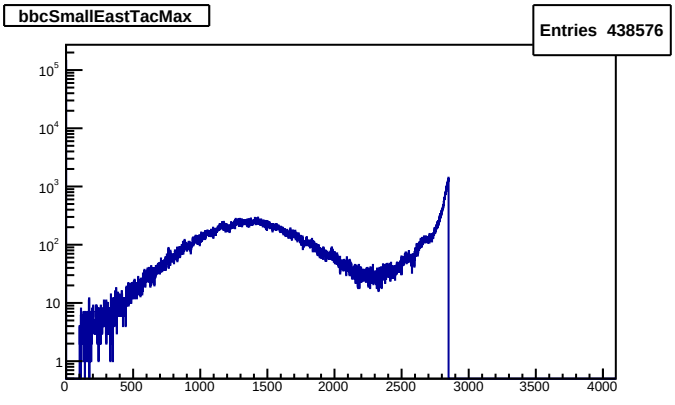

EQ3 QTB
Entries 3.344278e+07
TDC
QT Input Channel

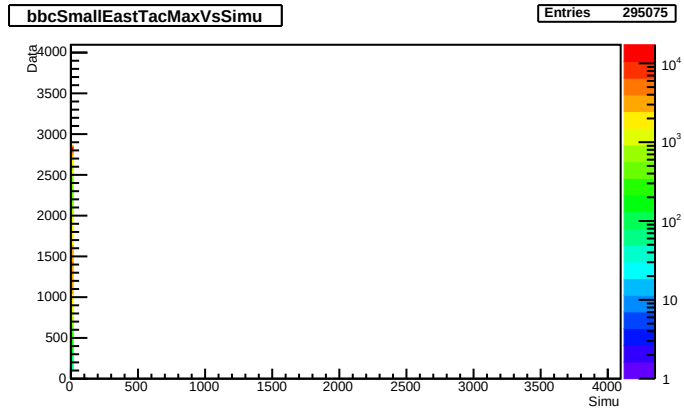

EQ3 QTC
Entries 4.21033e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.21033e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 438576


bbcSmallEastAdcSumVsSimu
Entries 295075
Data
Simu


bbcSmallEastTacMax
Entries 438576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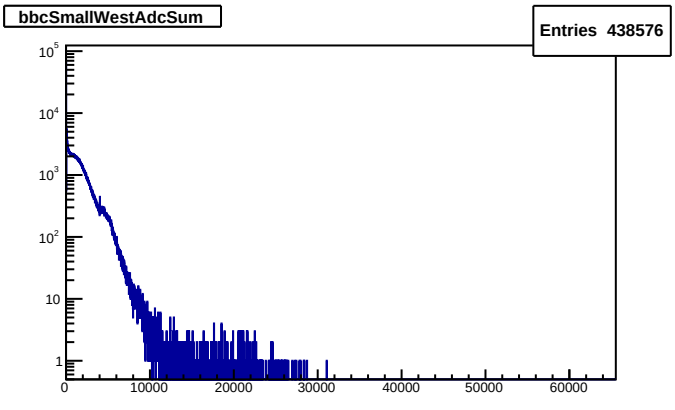
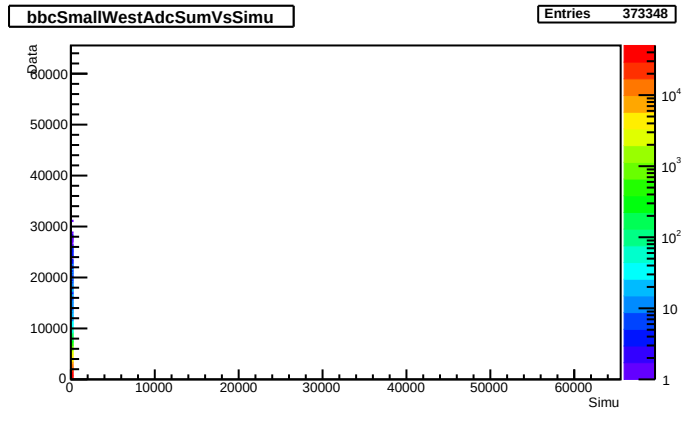
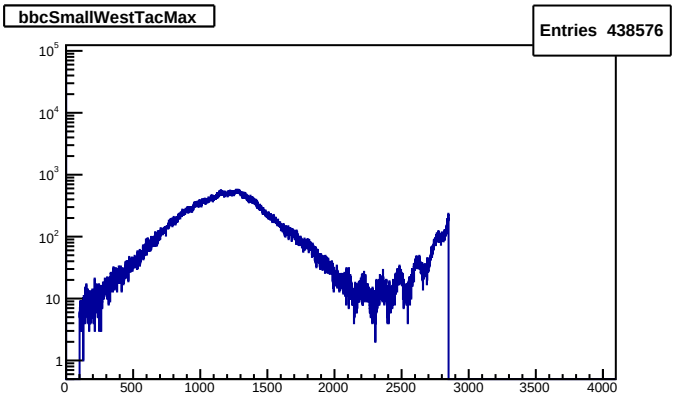
Entries 295075
Data
Simu


bbcSmallWestAdcSum
Entries 438576


bbcSmallWestAdcSumVsSimu
Entries 373348
Data
Simu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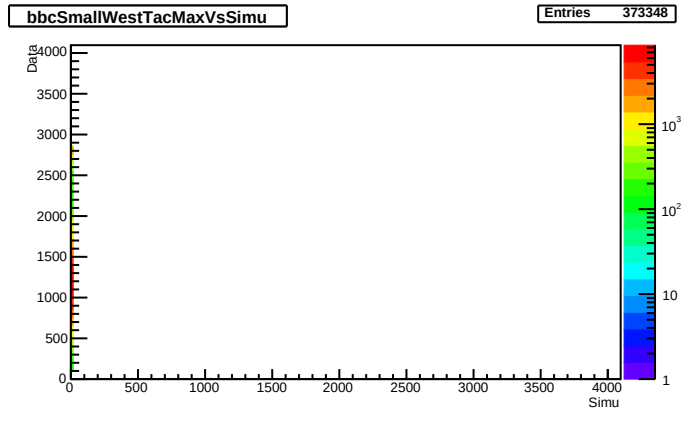
Entries 438576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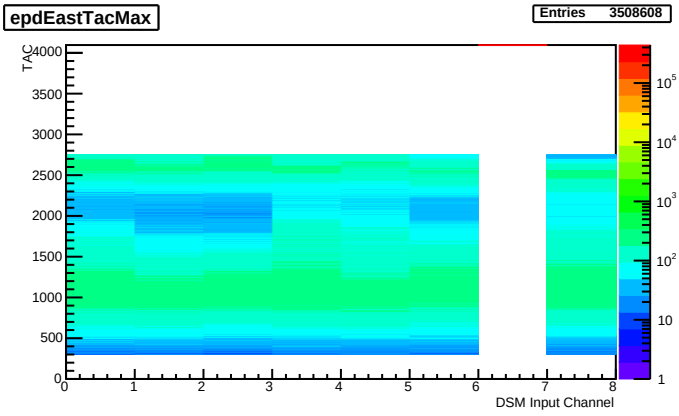
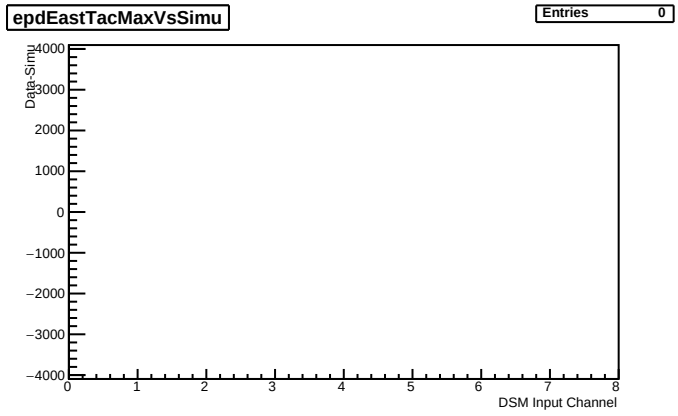
Entries 373348
Data
Simu


epdEastTacMax
Entries 3508608
TAC
DSM Input Channel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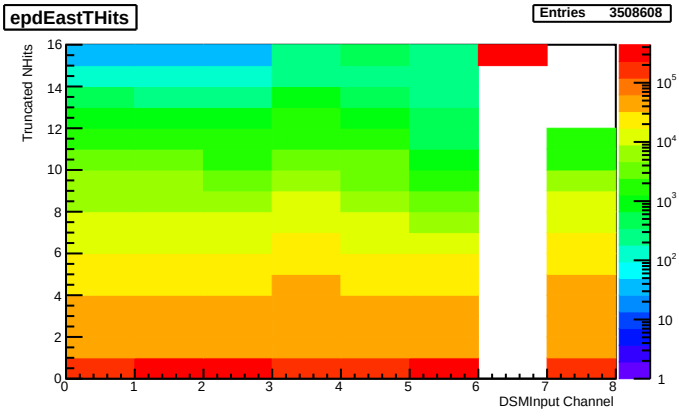
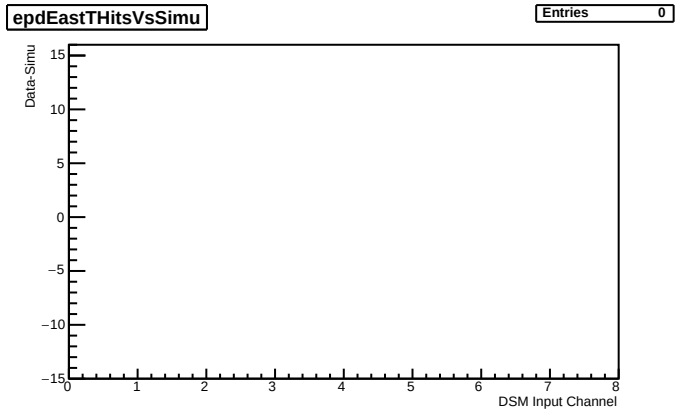
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3508608
Truncated NHits
DSMInput Channel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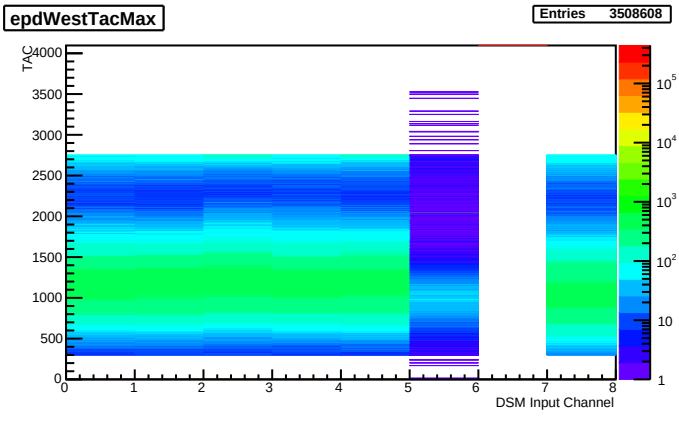
Entries 0
Data-Simu
DSM Input Channel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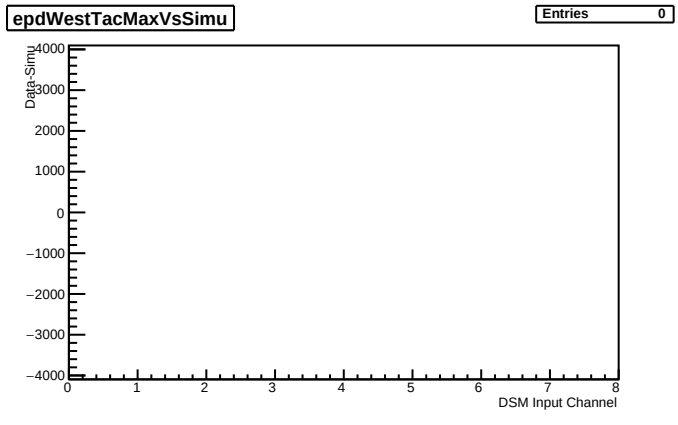
Entries 3508608
TAC
DSM Input Channel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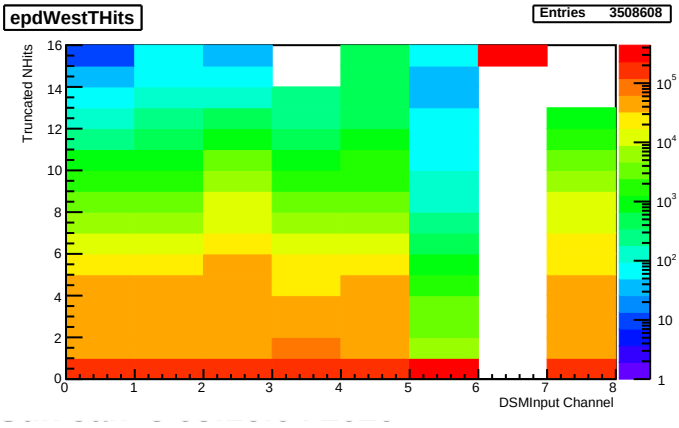
Data-Simu
DSM Input Channel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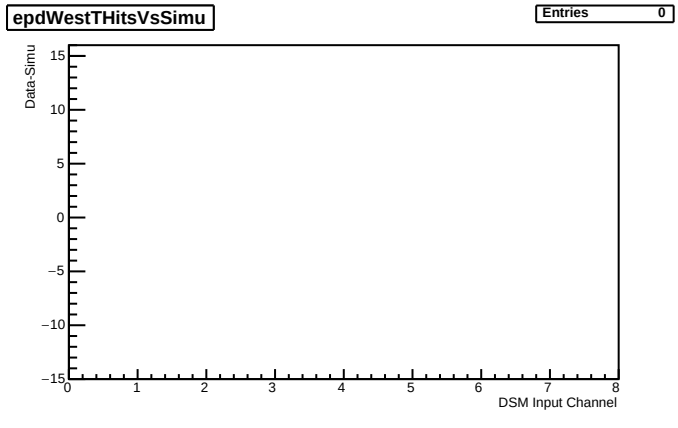
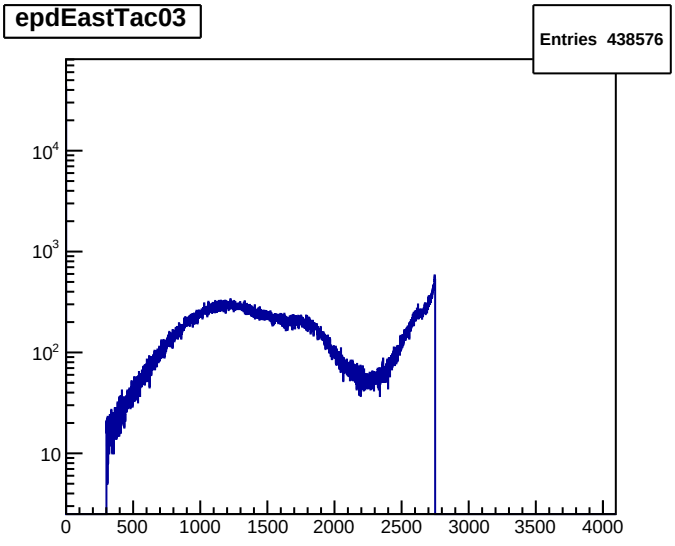
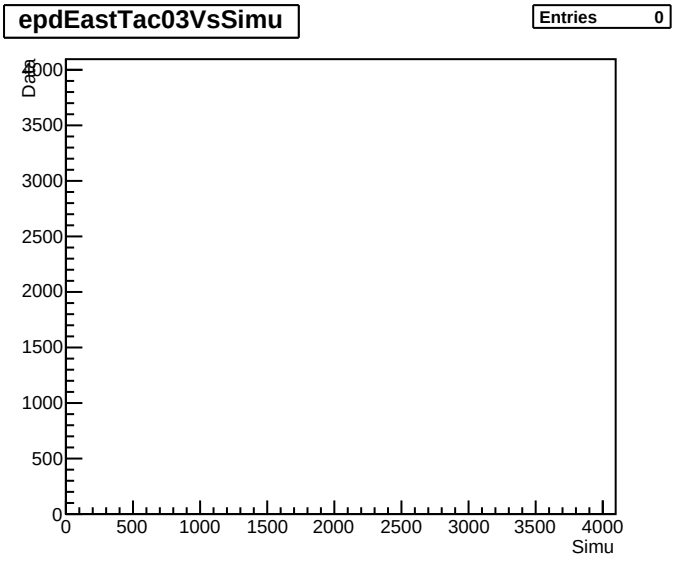
Entries 3508608
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 438576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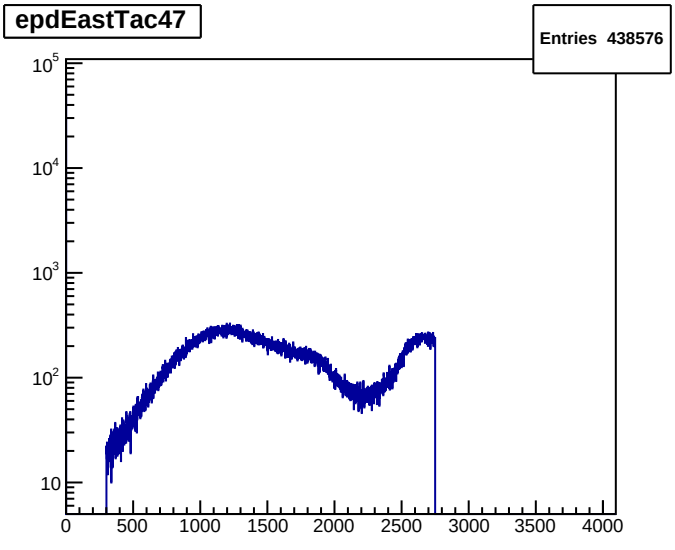
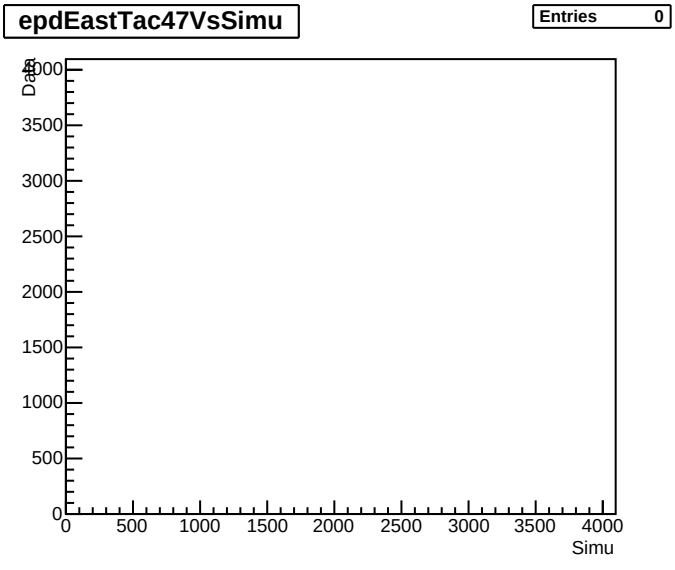
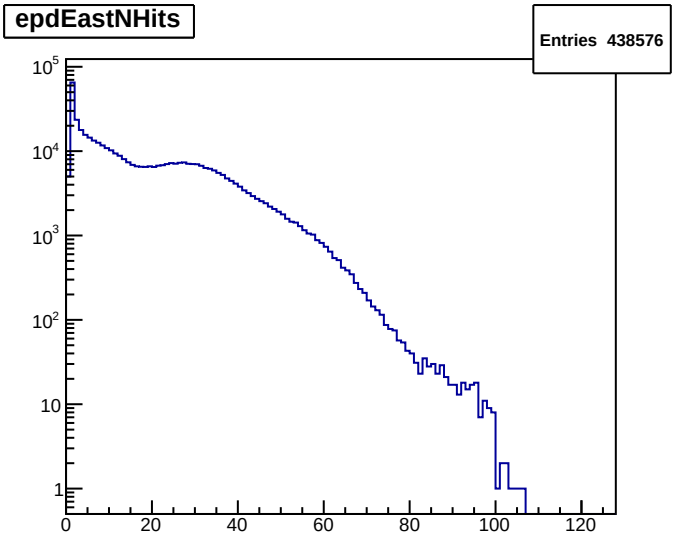
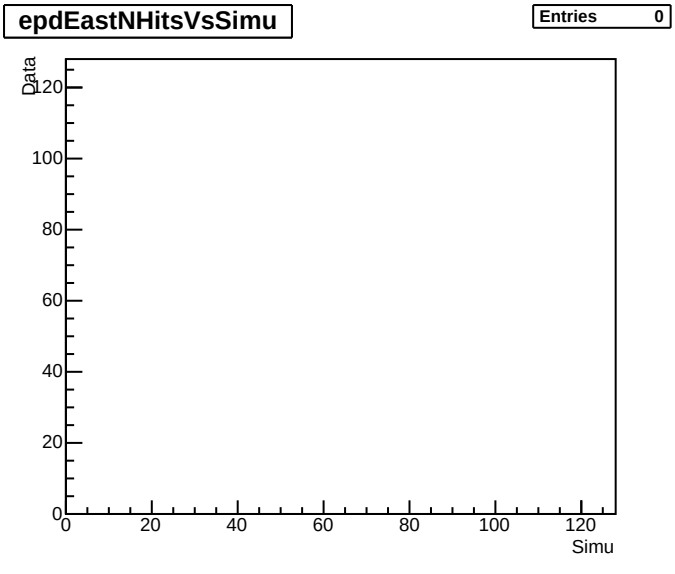
Entries 0
Data
Simu


epdEastTac47
Entries 438576


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 438576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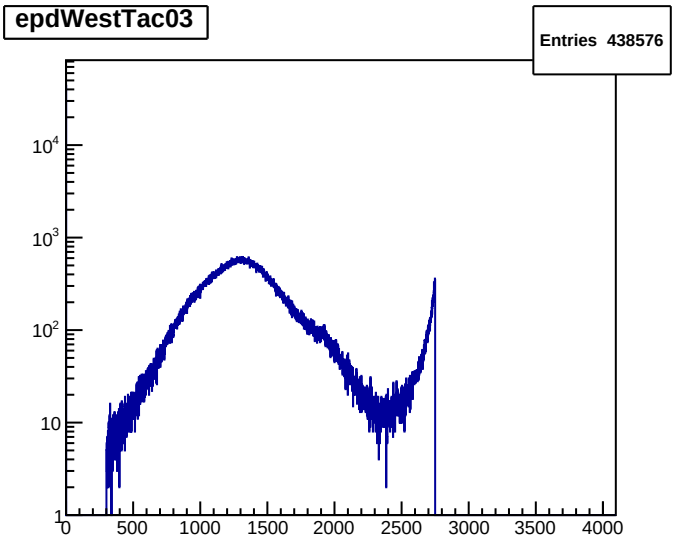
Entries 0
Data
Simu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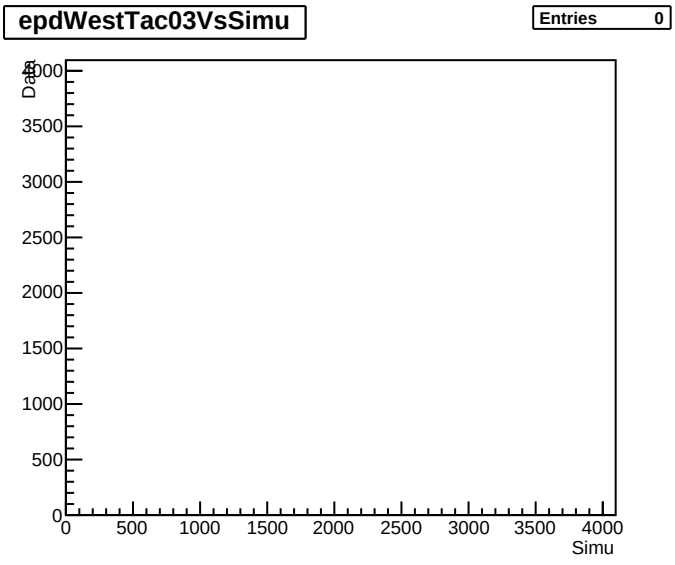
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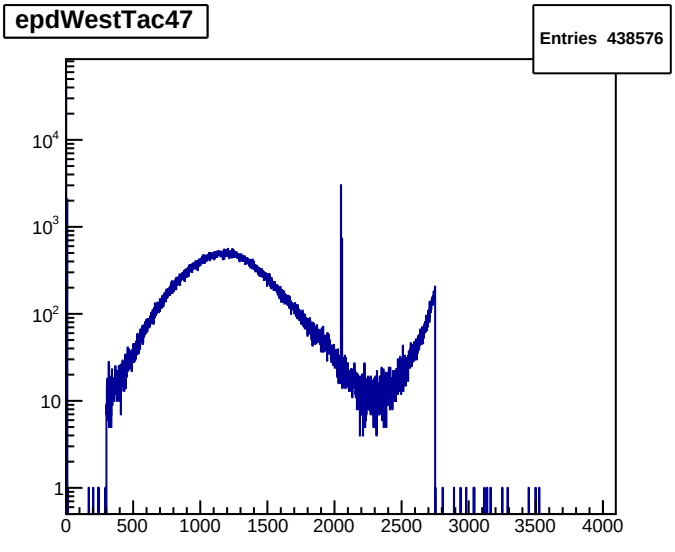
Entries 0
Data
Simu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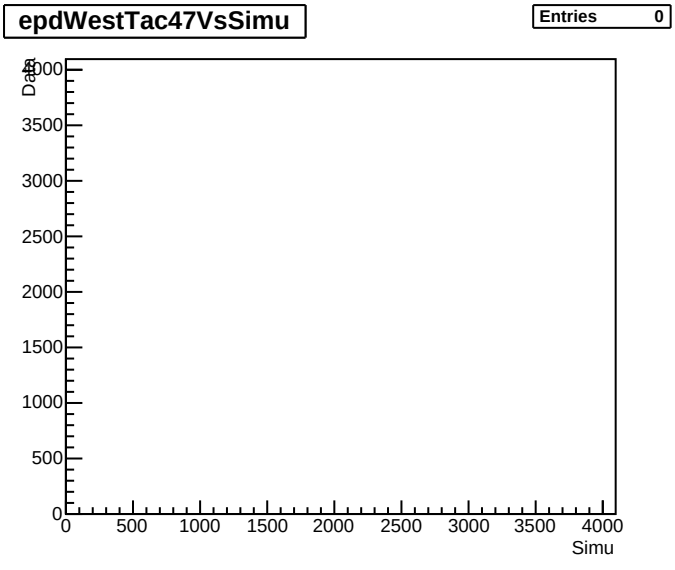
Entries 438576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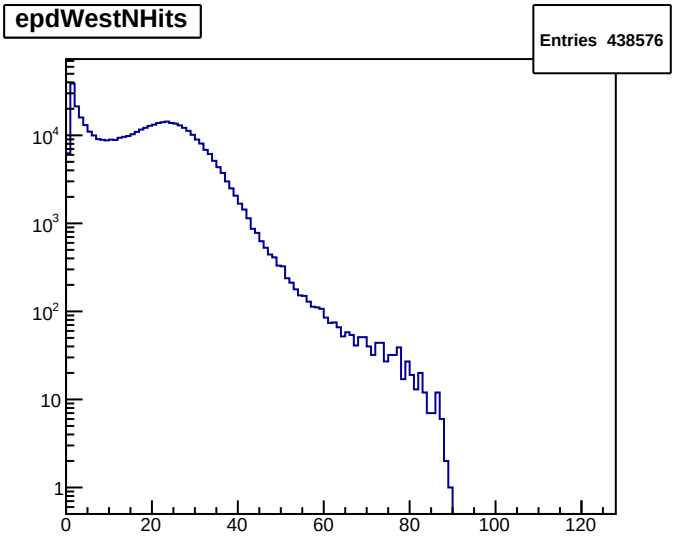
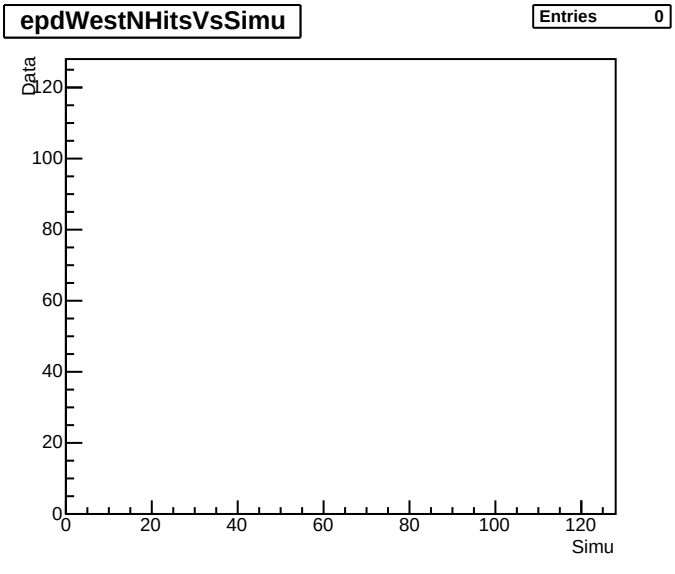
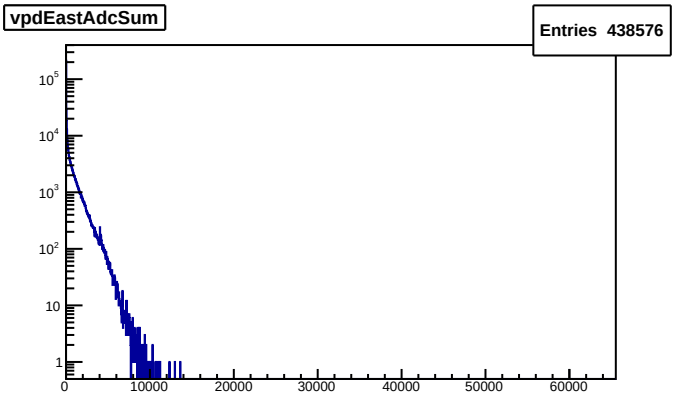
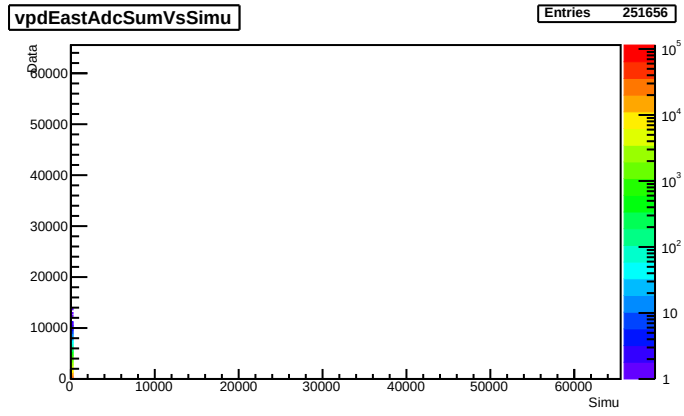
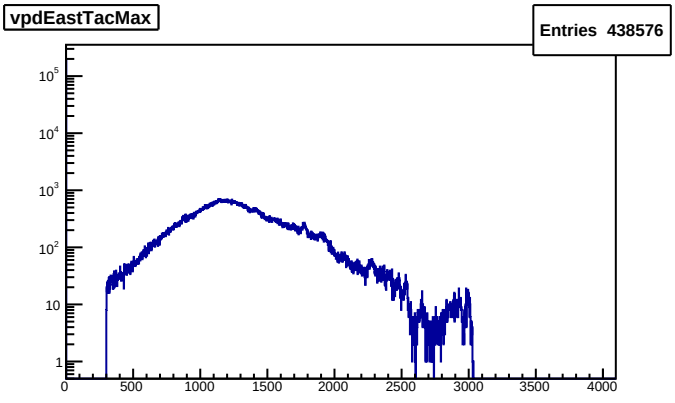
Entries 0
Data
Simu

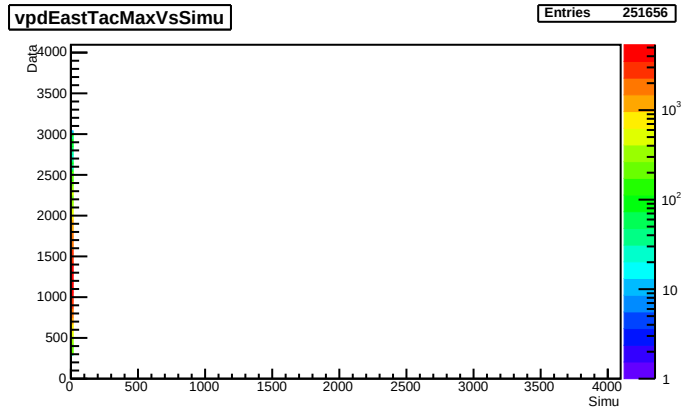

epdWestNHits
Entries 438576

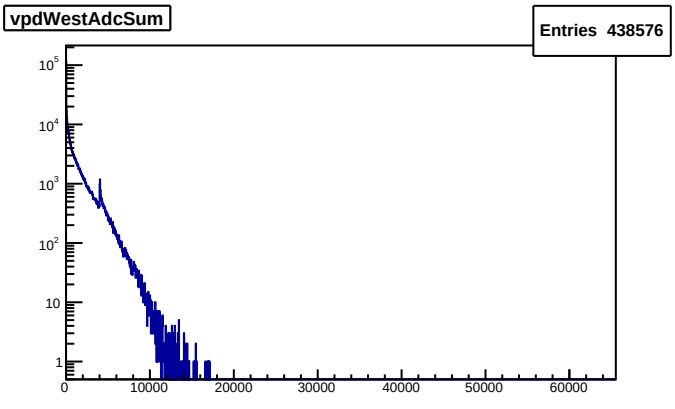

epdWestNHitsVsSimu
Entries 0
Data
Simu

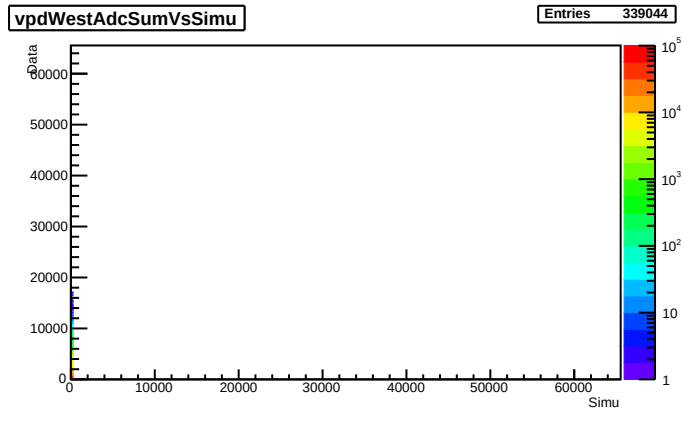

vpdEastAdcSum
Entries 438576

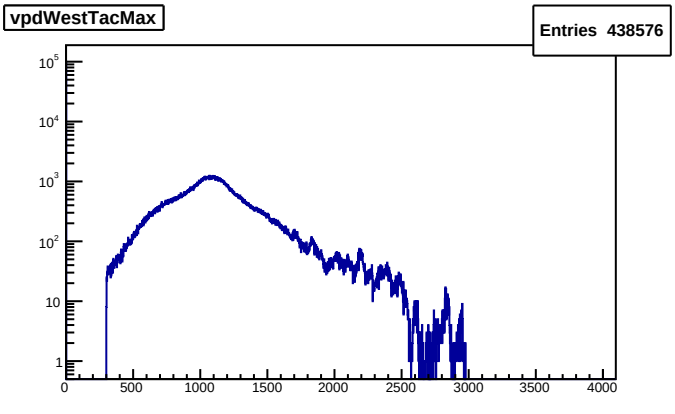

vpdEastAdcSumVsSimu
Entries 251656
Data
Simu

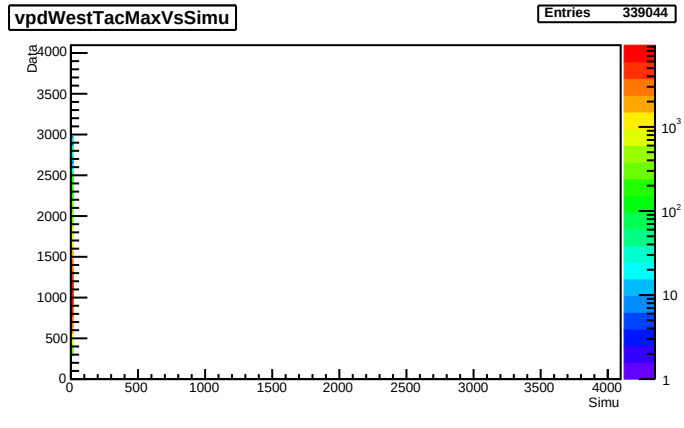

vpdEastTacMax
Entries 438576

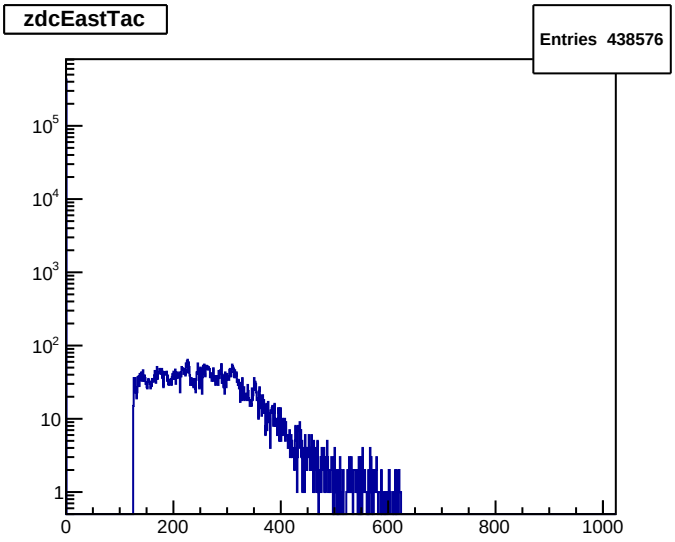

vpdEastTacMaxVsSimu
Entries 251656
Data
Simu

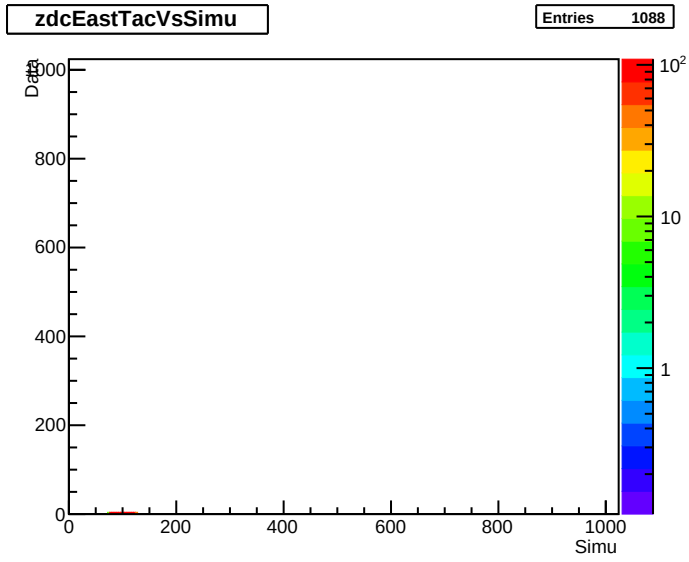

vpdWestAdcSum
Entries 438576

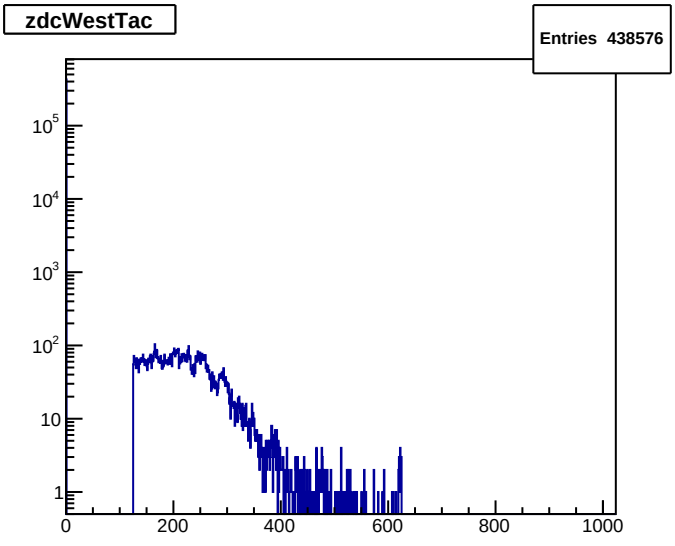

vpdWestAdcSumVsSimu
Entries 339044
Data
Simu

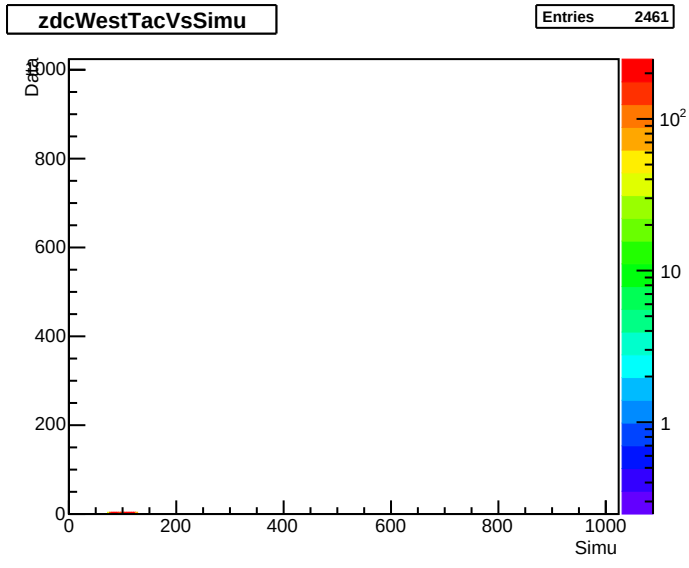

vpdWestTacMax
Entries 438576

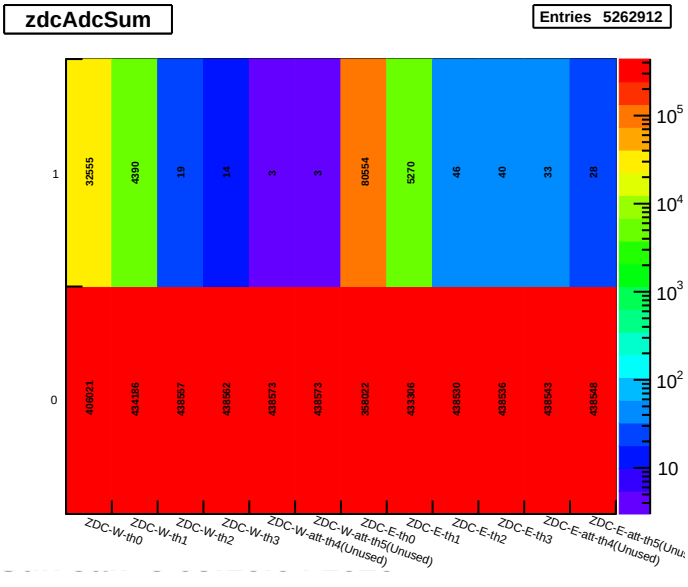

vpdWestTacMaxVsSimu
Entries 339044
Data
Simu

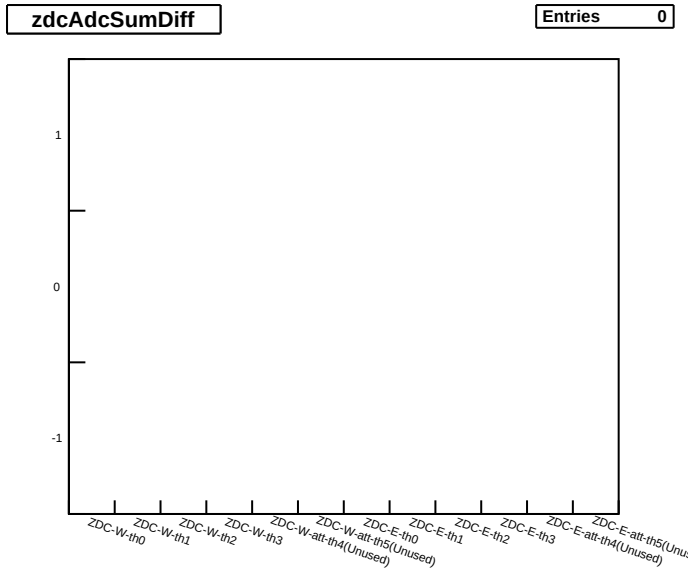

zdcEastTac
Entries 438576

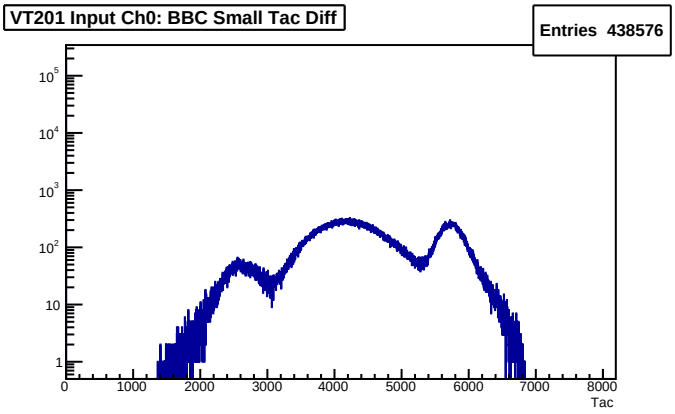

zdcEastTacVsSimu
Entries 1088
Data
Simu

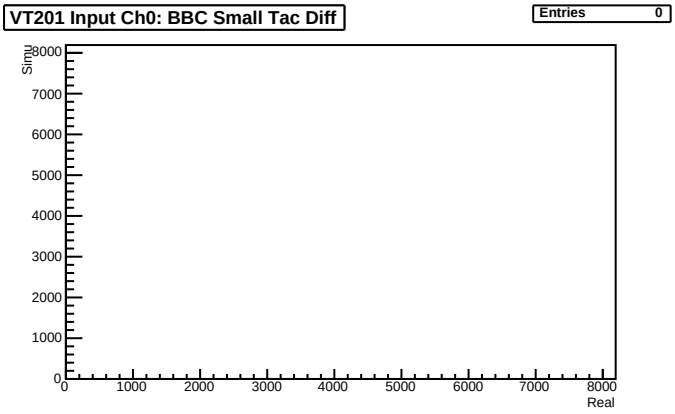

zdcWestTac
Entries 438576

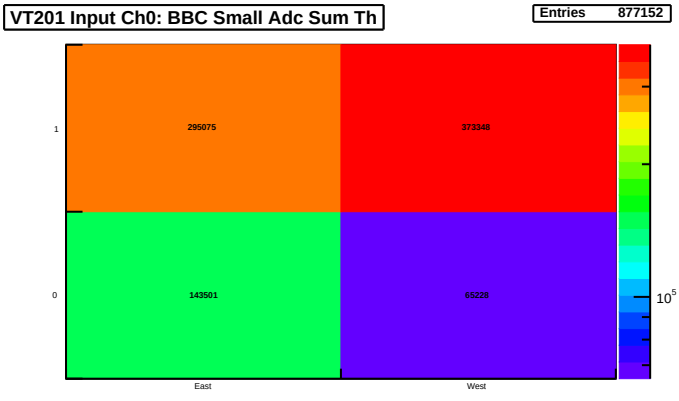

zdcWestTacVsSimu
Entries 2461
Data
Simu

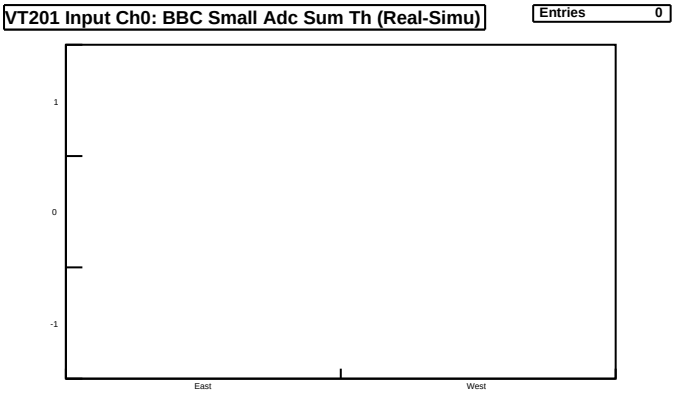

zdcAdcSum
Entries 5262912
32555
4390
19
14
3
3
80554
5270
46
40
33
28
406021
434186
438557
438562
438573
438573
358022
433306
438530
438536
438543
438548
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

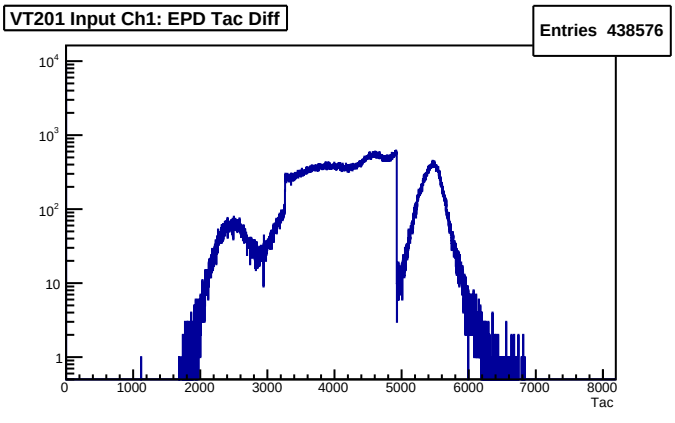

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

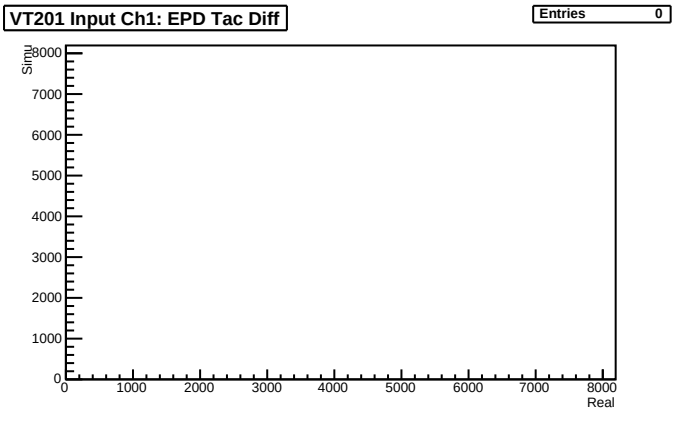

VT201 Input Ch0: BBC Small Tac Diff
Entries 438576
Tac

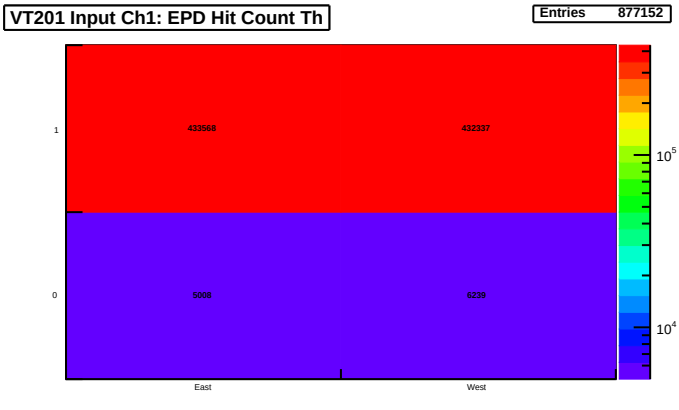

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

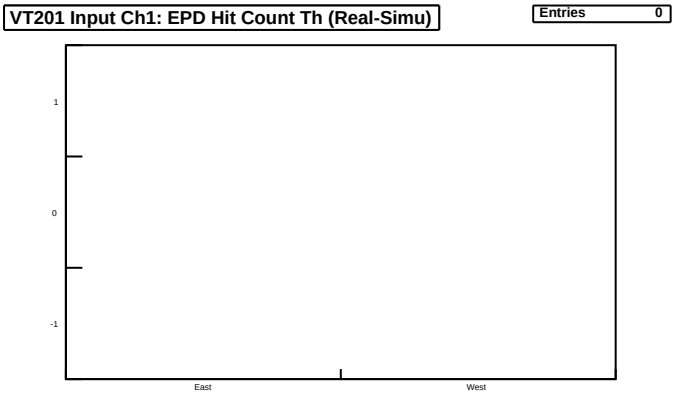

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 877152
295075
373348
143501
65228
East
West

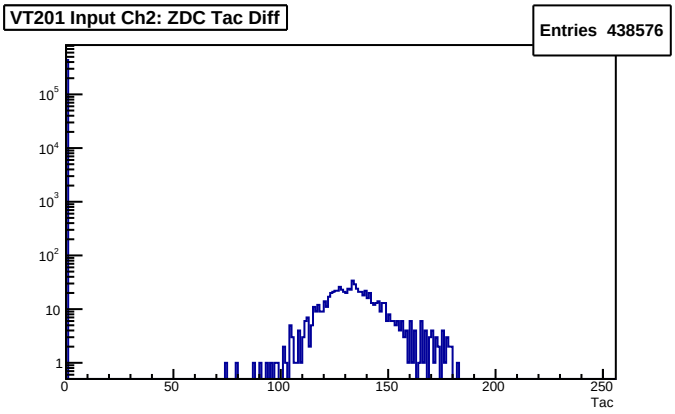

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

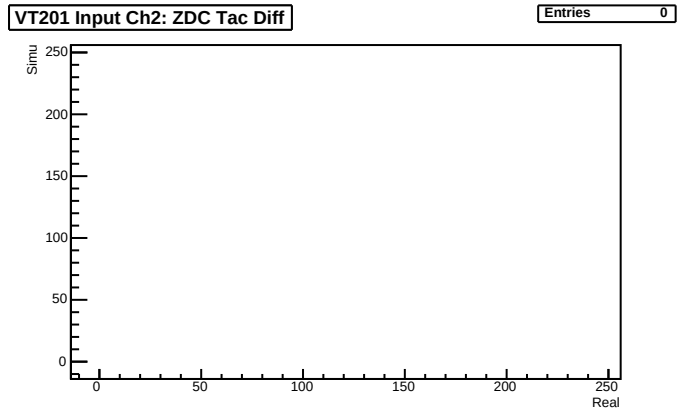

VT201 Input Ch1: EPD Tac Diff
Entries 438576
Tac

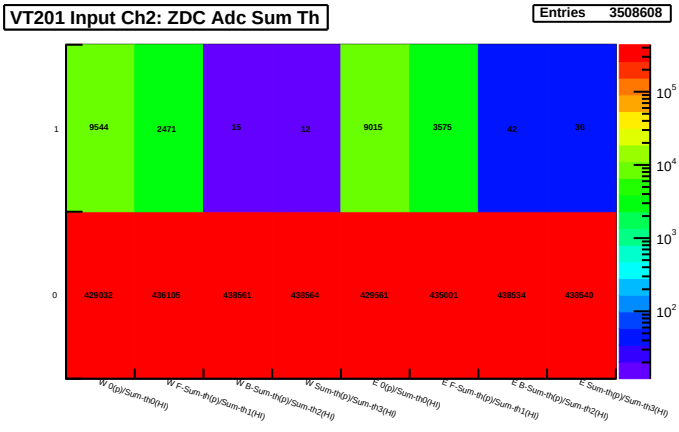

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

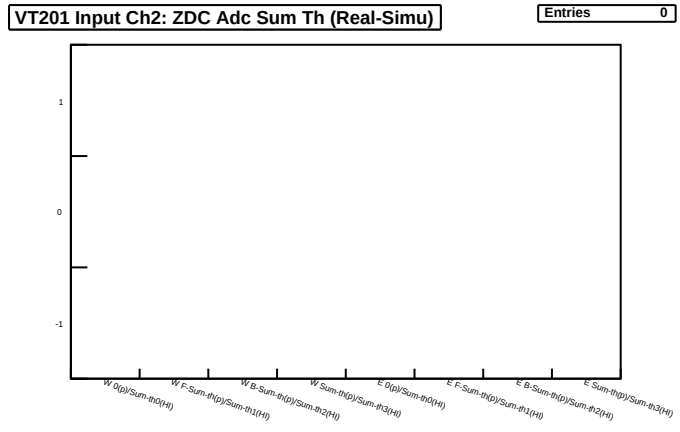

VT201 Input Ch1: EPD Hit Count Th
Entries 877152
433568
432337
5008
6239
East
West

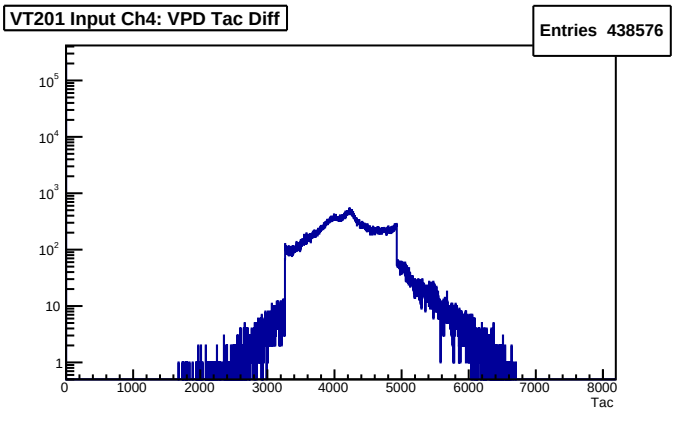

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

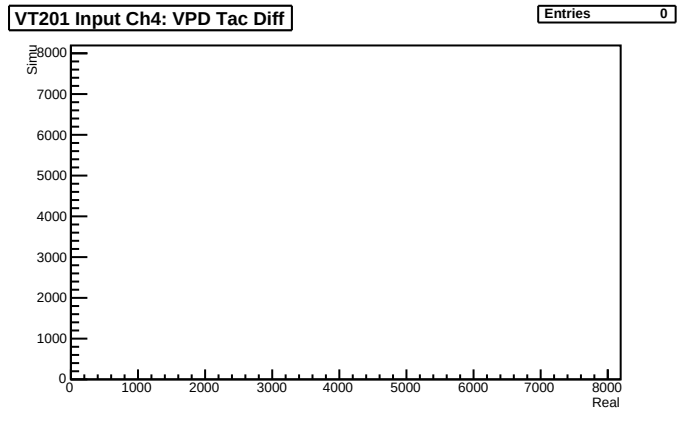

VT201 Input Ch2: ZDC Tac Diff
Entries 438576
Tac

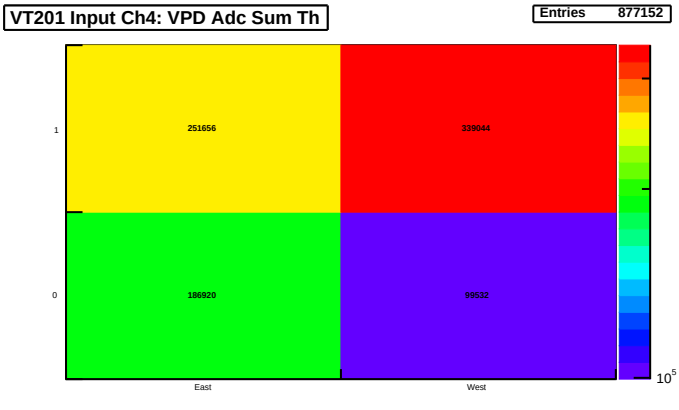

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

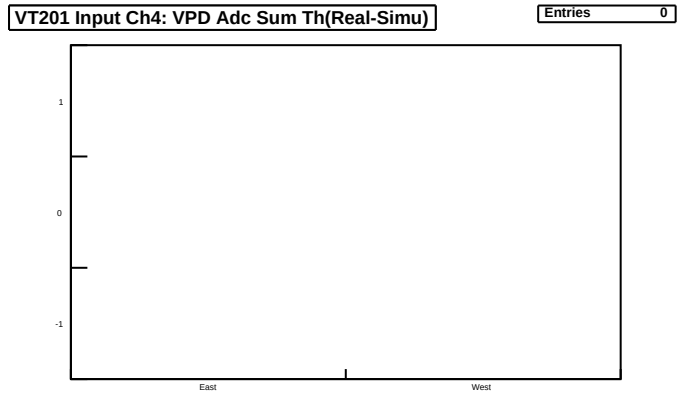

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3508608
9544
2471
15
12
9015
3575
42
36
429032
436105
438561
438564
429561
435001
438534
438540
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

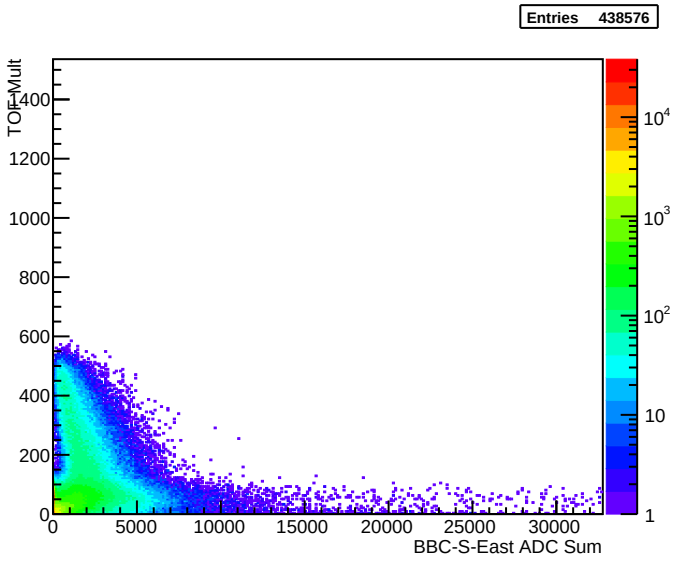

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

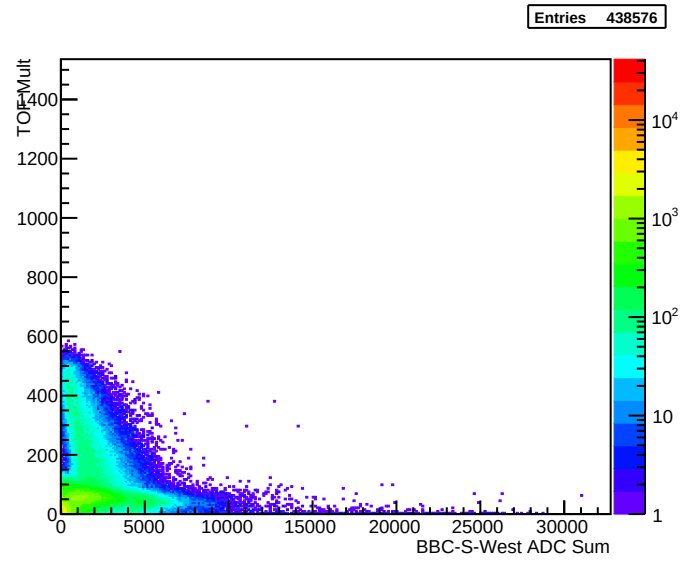

VT201 Input Ch4: VPD Tac Diff
Entries 438576
Tac

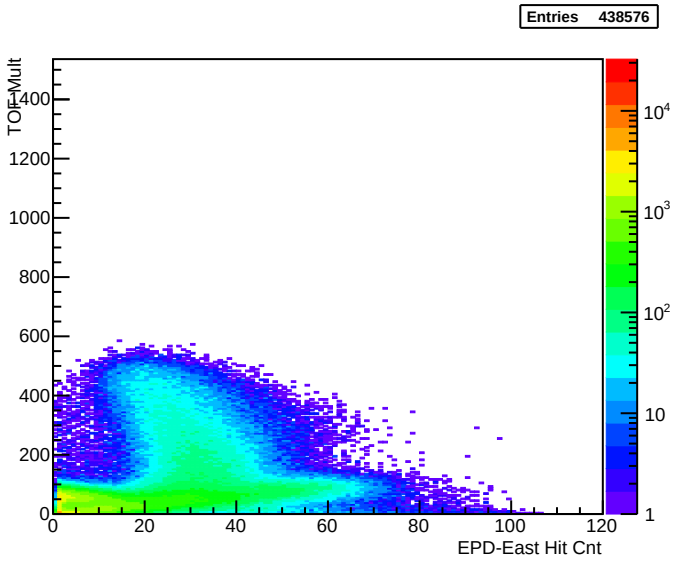

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

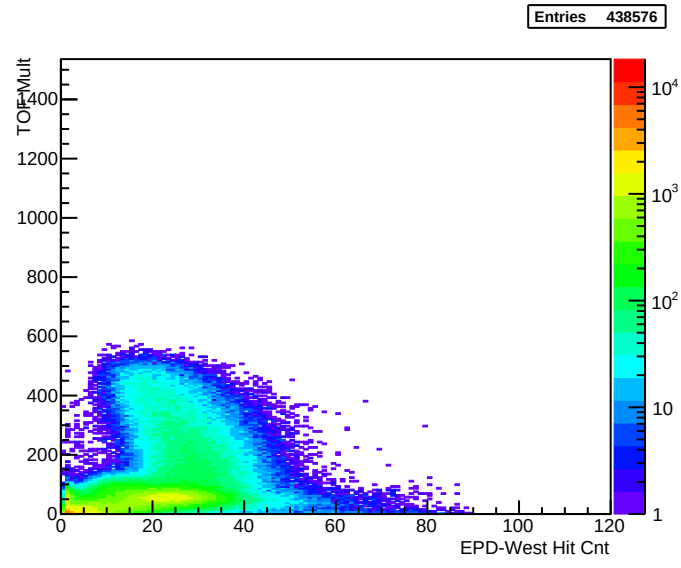

VT201 Input Ch4: VPD Adc Sum Th
Entries 877152
251656
339044
186920
99532
East
West

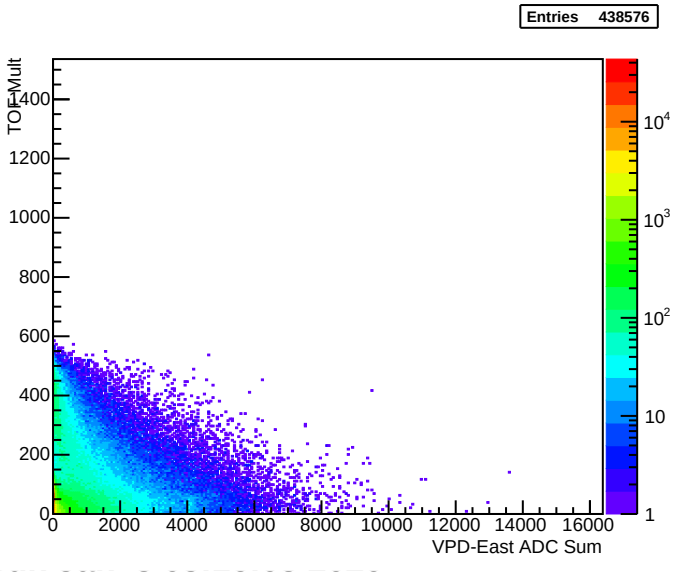

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

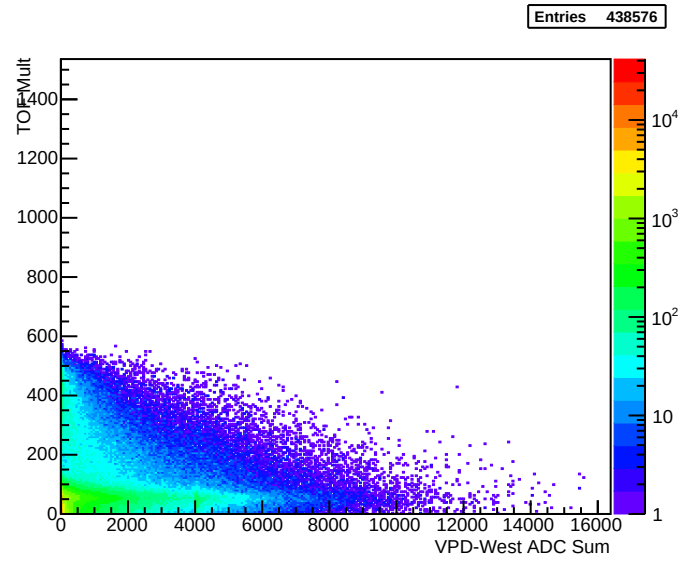

Entries 438576
TOF-Mult
BBC-S-East ADC Sum

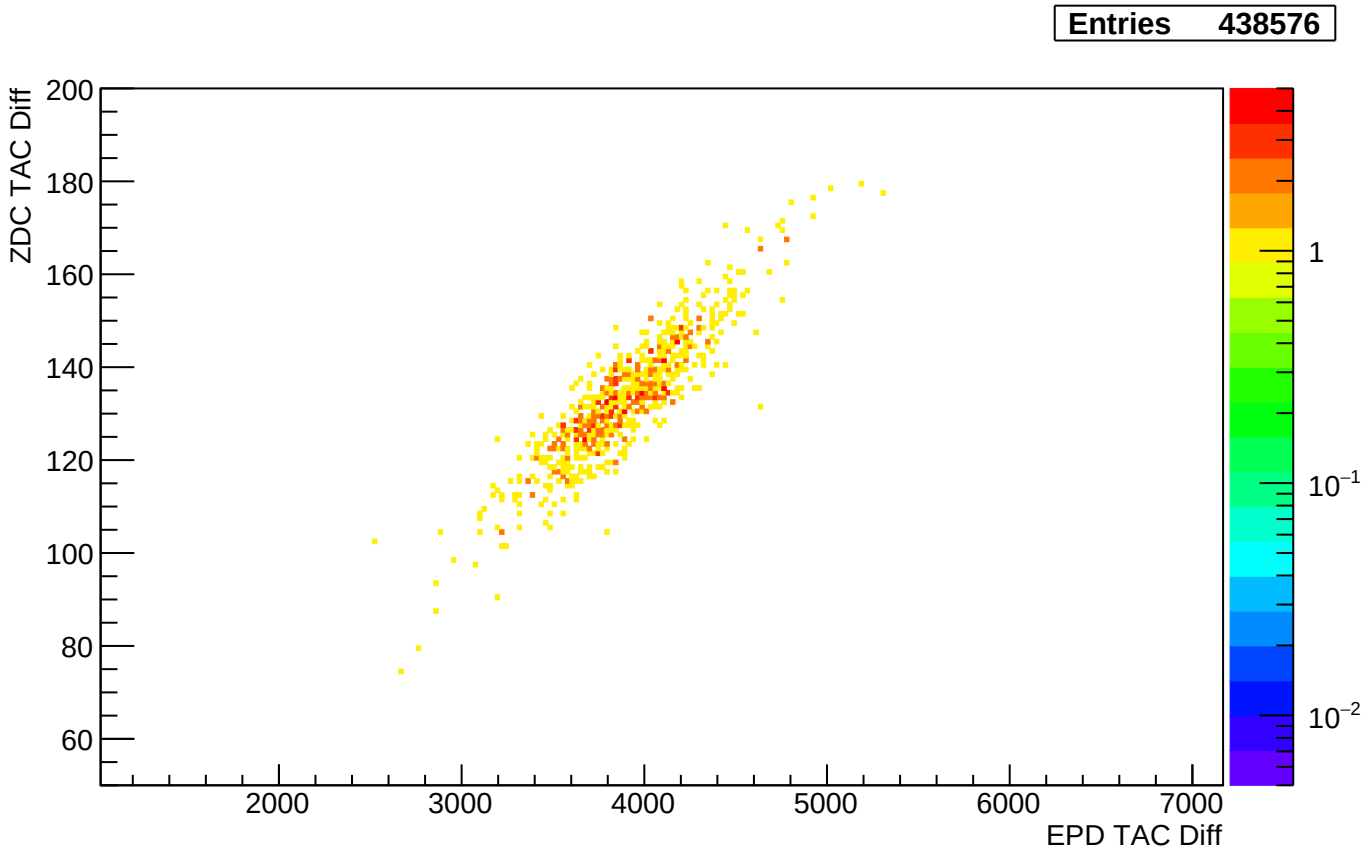

Entries 438576
TOF-Mult
BBC-S-West ADC Sum

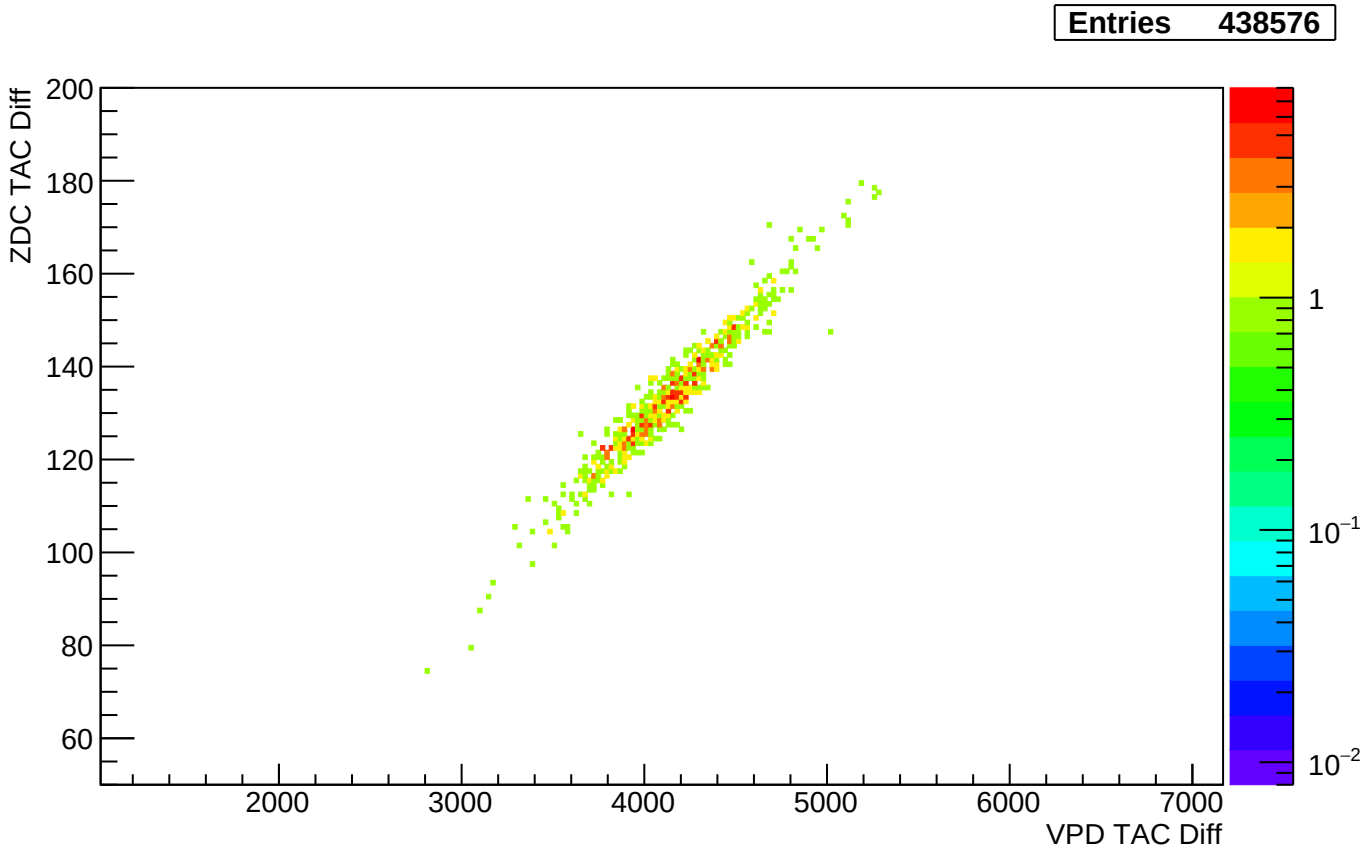

Entries 438576
TOF-Mult
EPD-East Hit Cnt

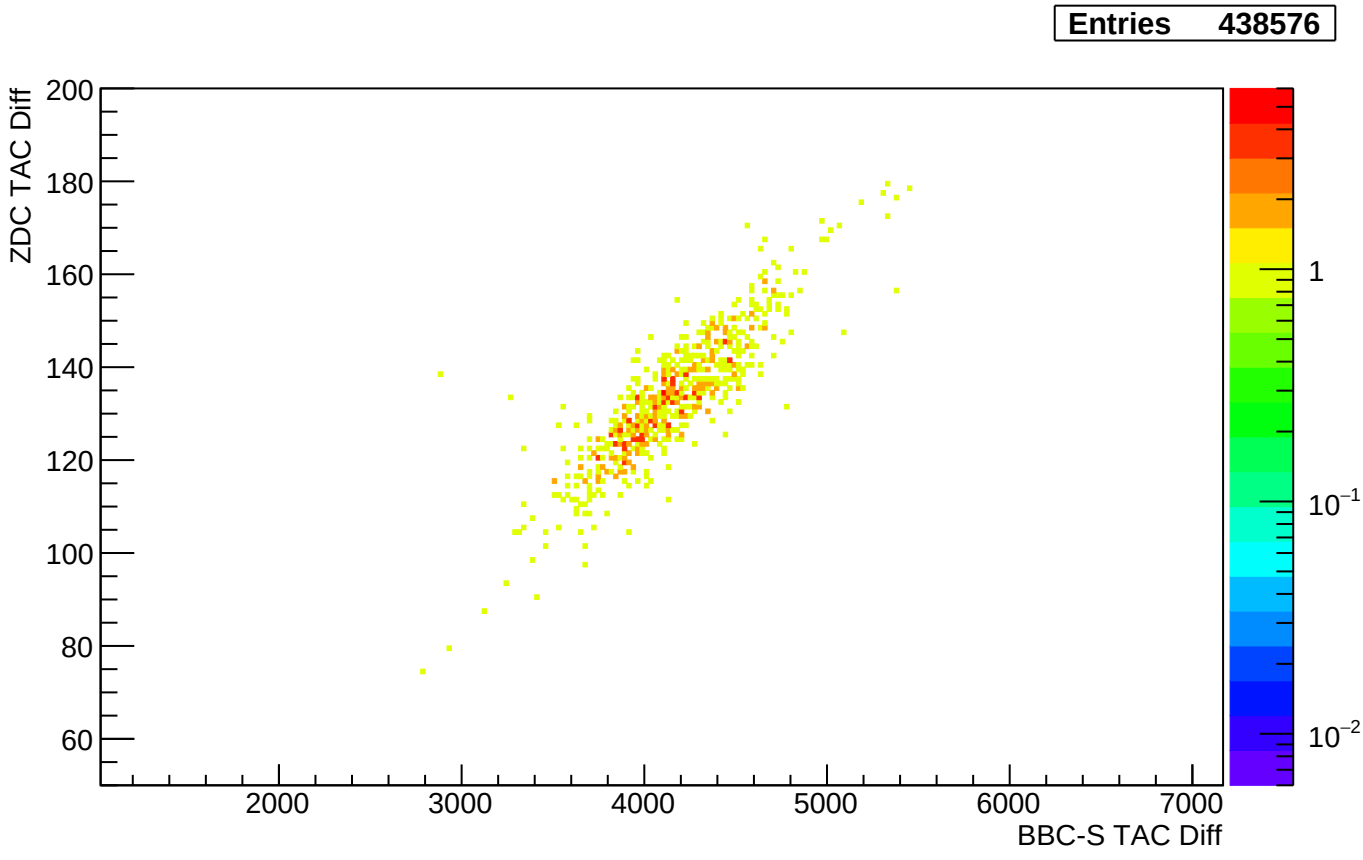

Entries 438576
TOF-Mult
EPD-West Hit Cnt

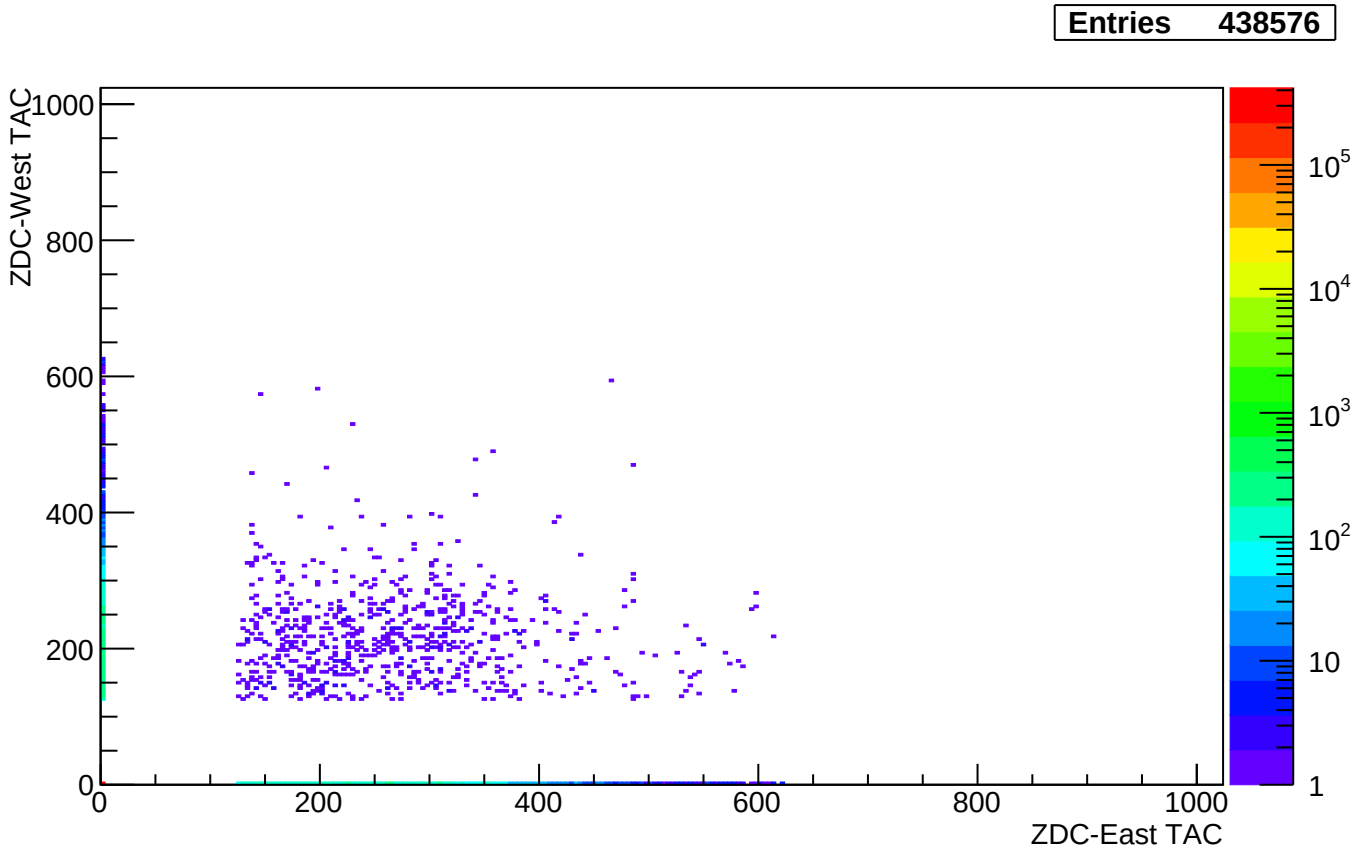

Entries 438576
TOF-Mult
VPD-East ADC Sum

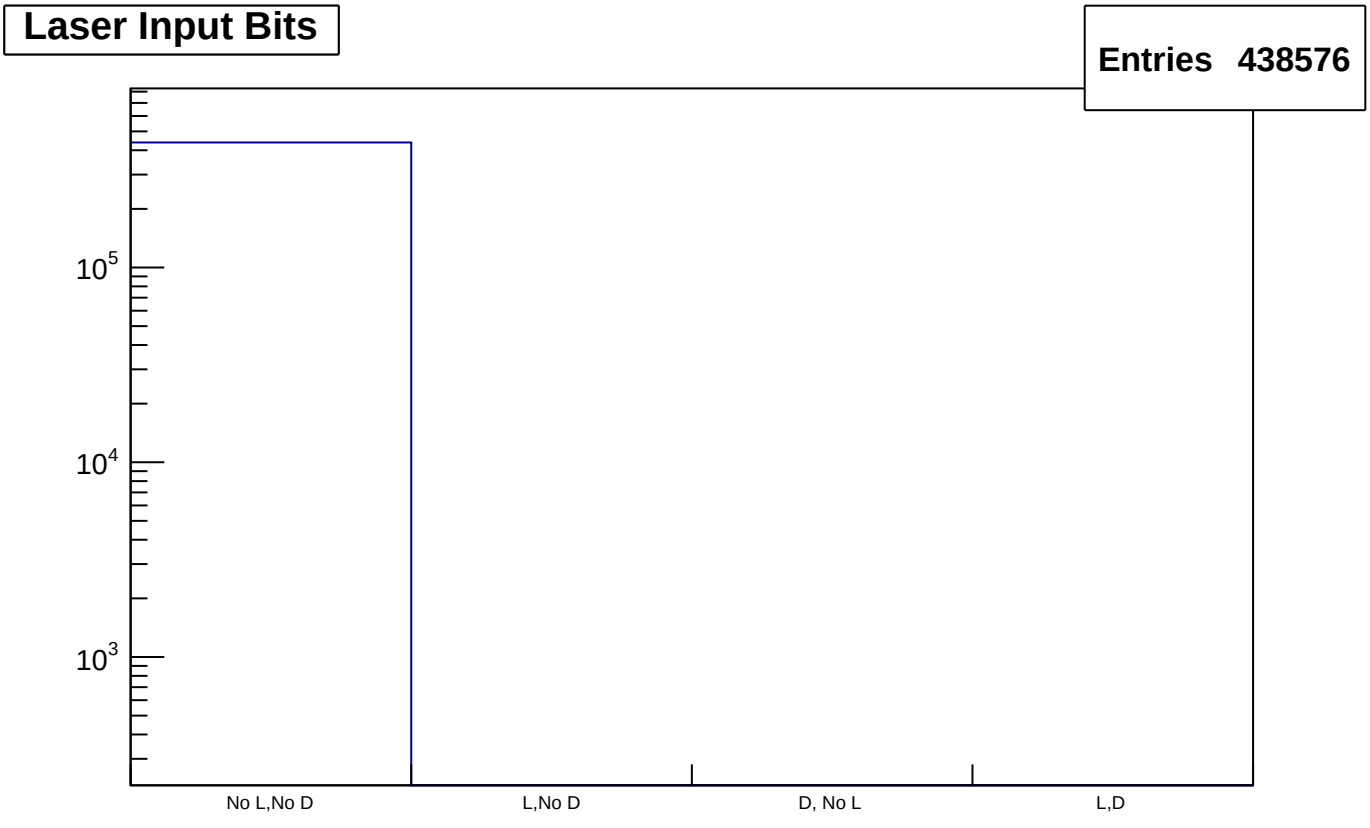

Entries 438576
TOF-Mult
VPD-West ADC Sum

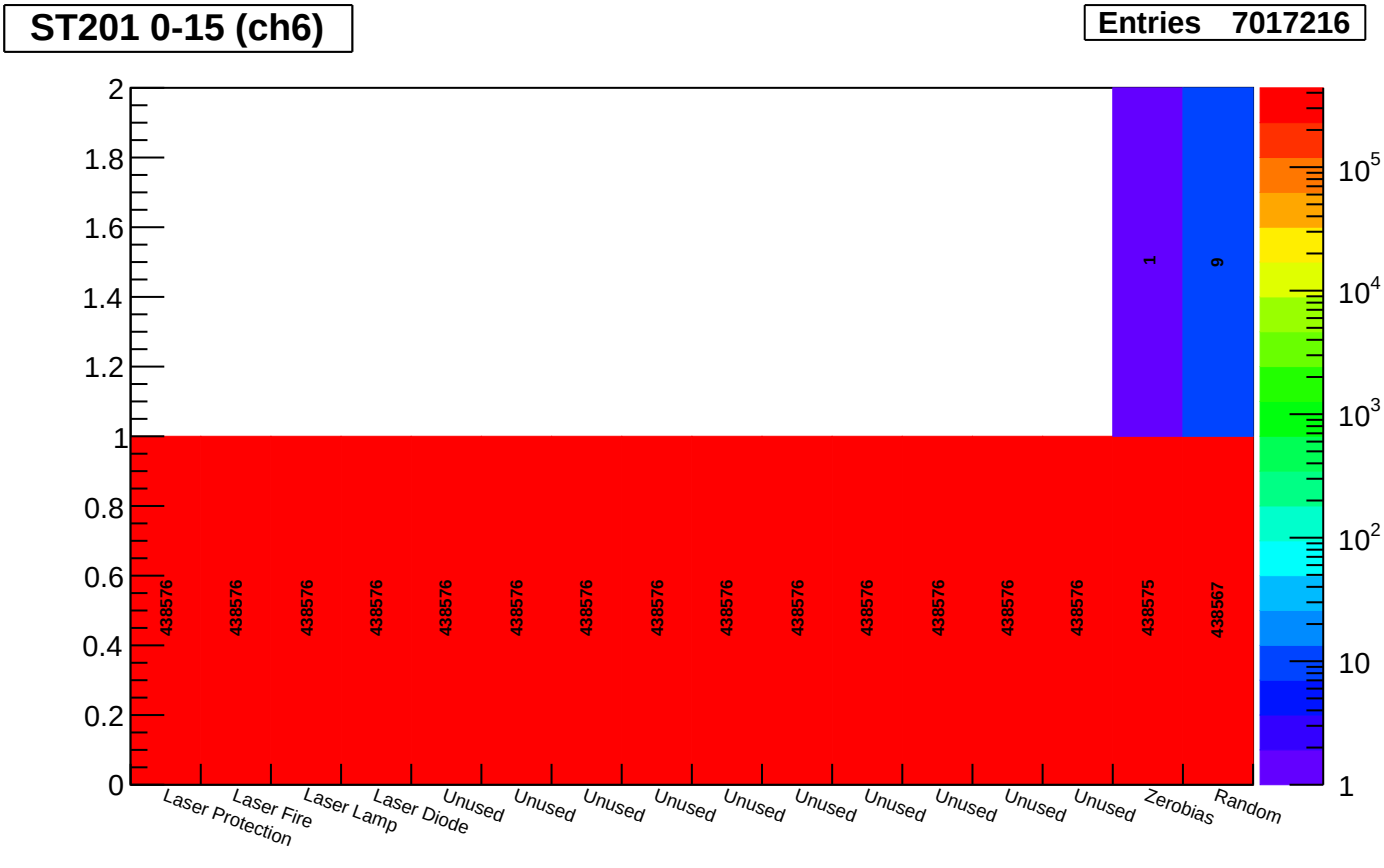

Entries 438576
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

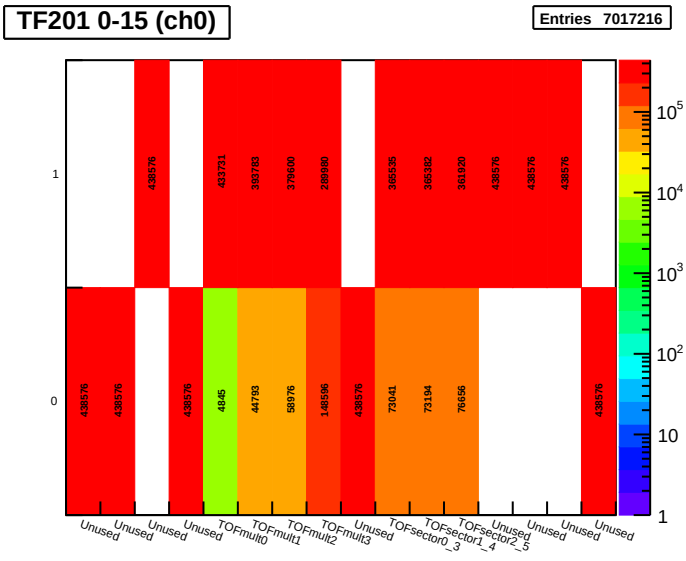

Entries 438576
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

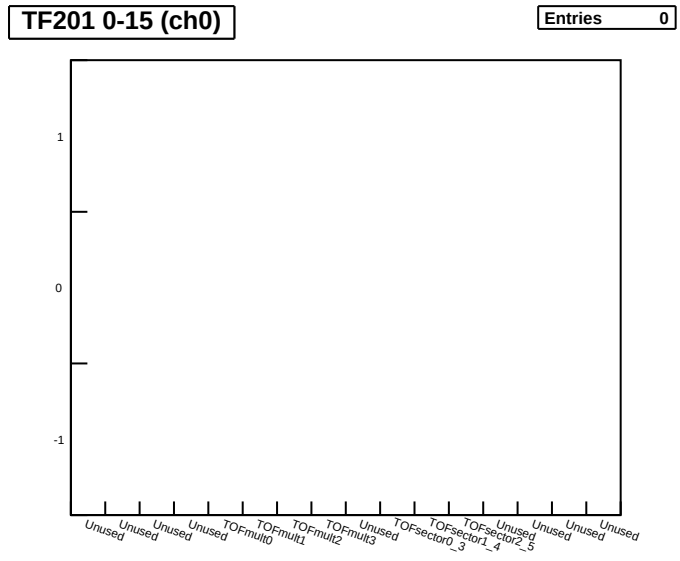

Entries 438576
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

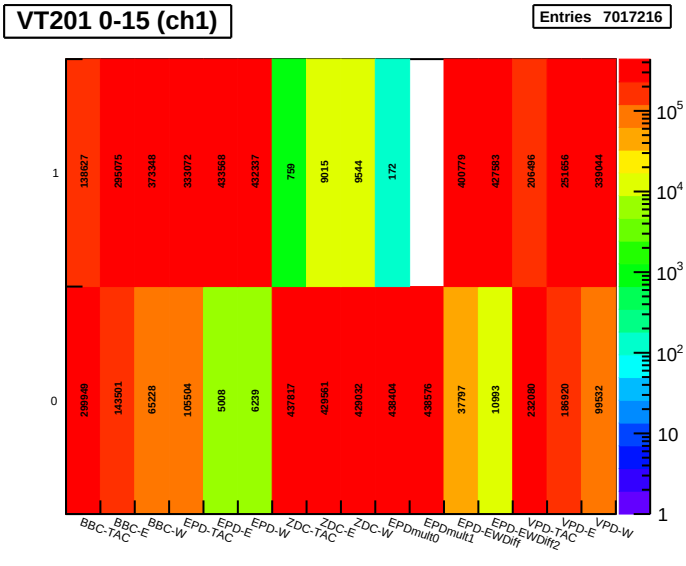

Entries 438576
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

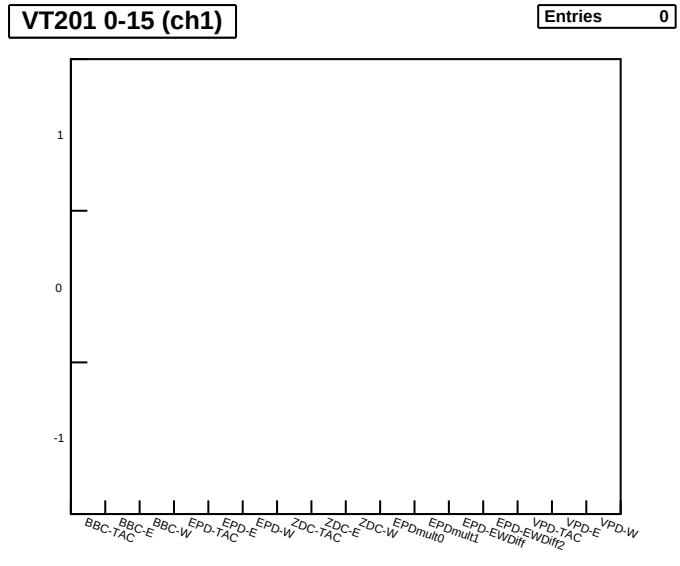

Laser Input Bits
Entries 438576
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

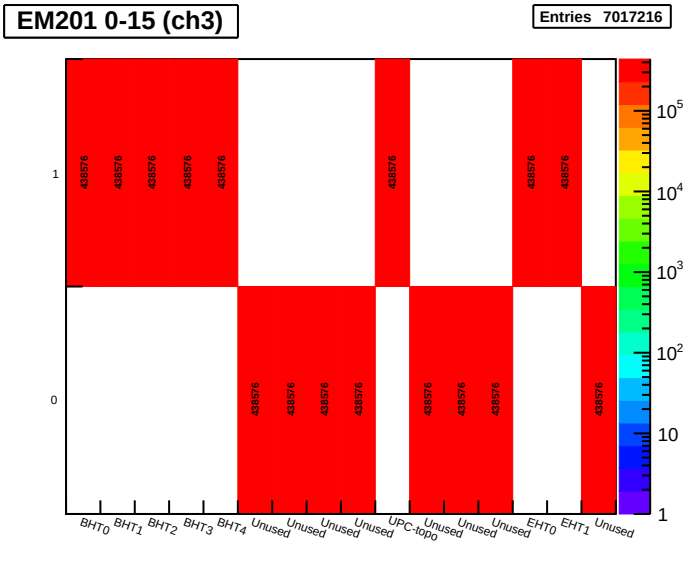

ST201 0-15 (ch6)
Entries 7017216
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
438576
438576
438576
438576
438576
438576
438576
438576
438576
438576
438576
438576
438576
438576
438575
438567
1
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

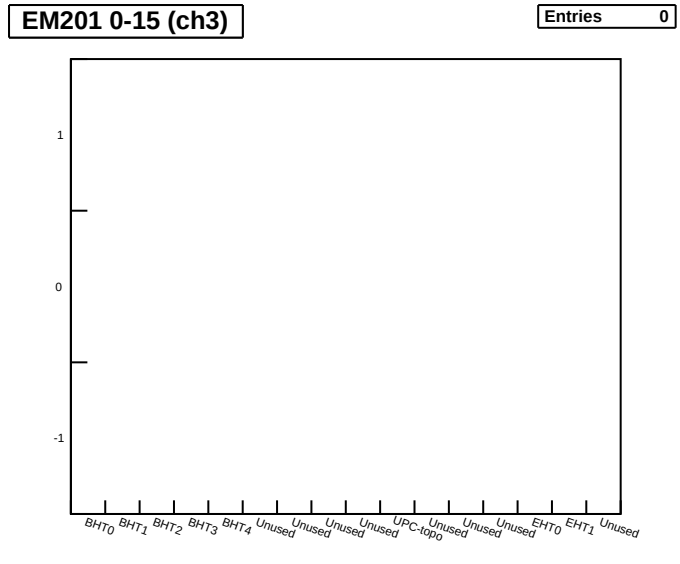

TF201 0-15 (ch0)
Entries 7017216
1
0
438576 438576 438576 438576 438576 433731 393783 379600 289980 365535 365382 361920 438576 438576 438576
438576 438576 438576 4845 44793 58976 148596 438576 73041 73194 76656 438576
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 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 7017216
1
0
138627 295075 373348 333072 433568 432337 759 9015 9544 172 400779 427583 206486 251656 339044
299949 143501 65228 105504 5008 6239 437817 429561 429032 438404 438576 37797 10993 232080 186920 99532
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 7017216
1
0
438576 438576 438576 438576 438576 438576 438576 438576
438576 438576 438576 438576 438576 438576 438576 438576
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