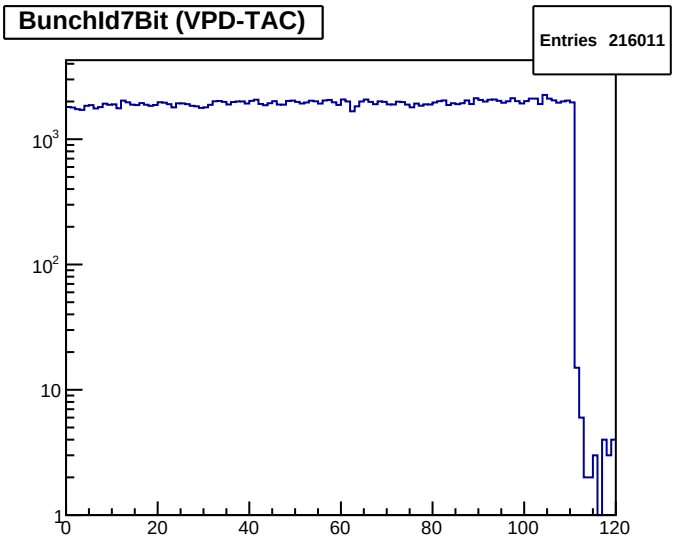
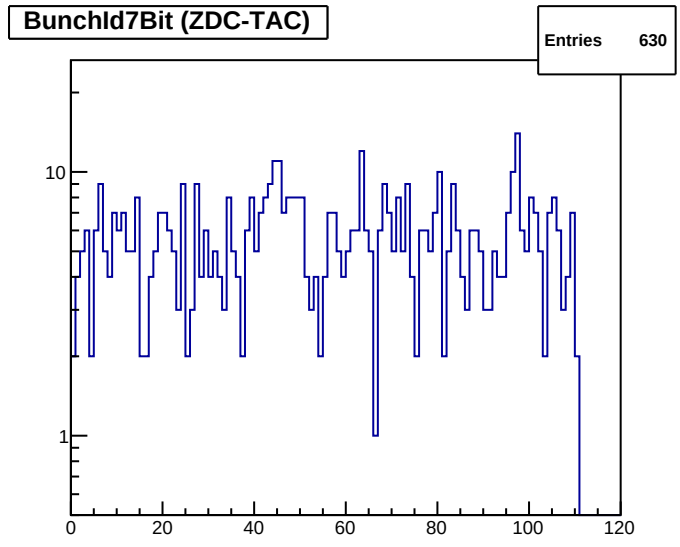
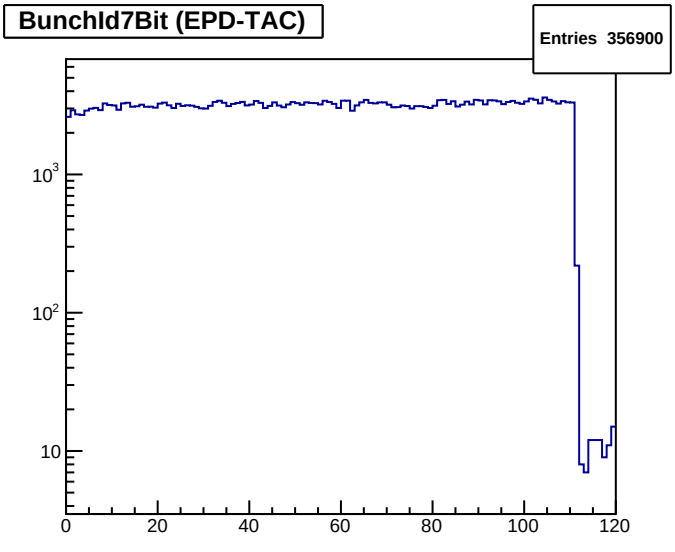
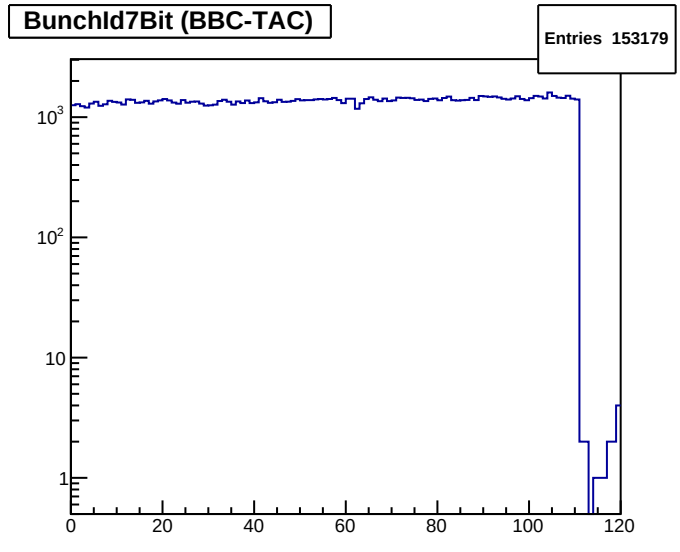
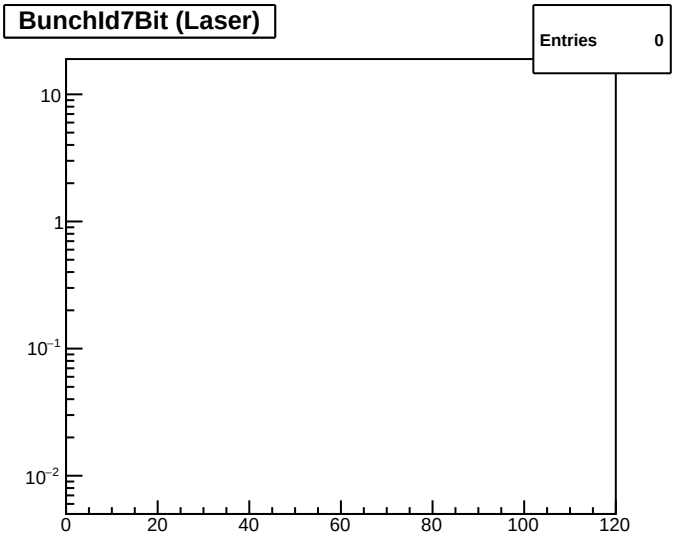
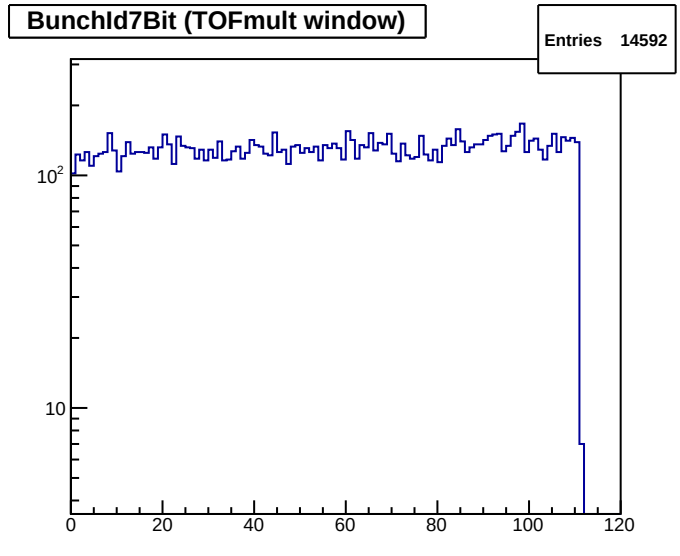

BunchId7Bit (VPD-TAC)
Entries 216011

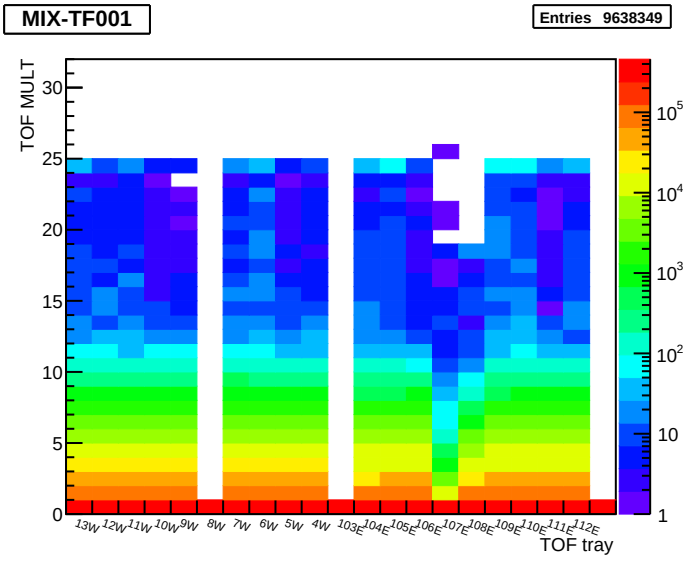

BunchId7Bit (ZDC-TAC)
Entries 630

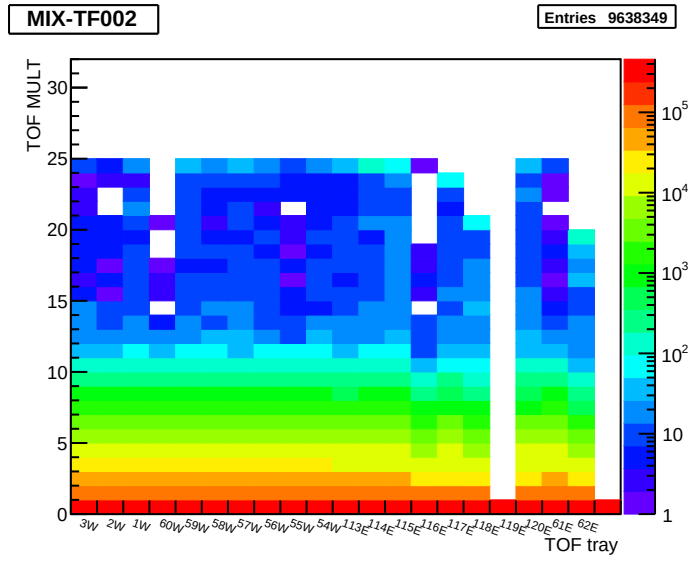

BunchId7Bit (EPD-TAC)
Entries 356900

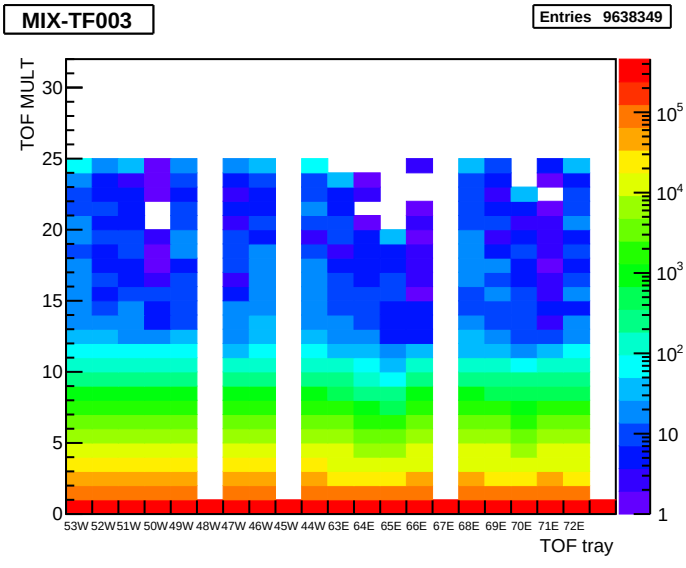

BunchId7Bit (BBC-TAC)
Entries 153179

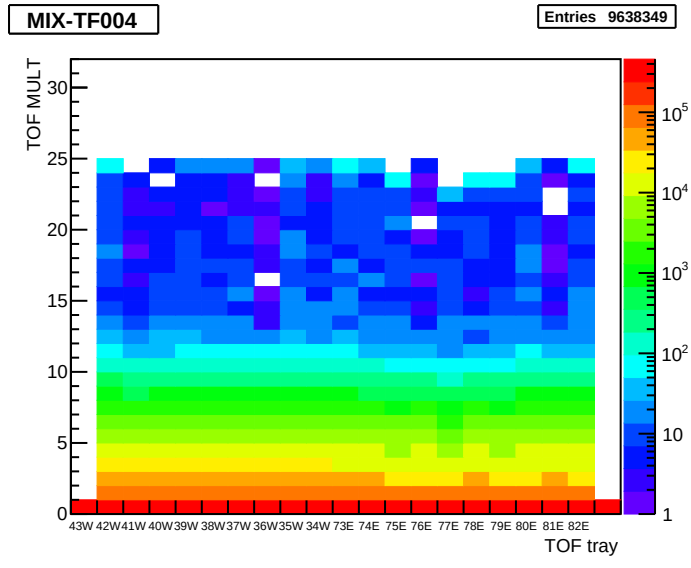

BunchId7Bit (Laser)
Entries 0

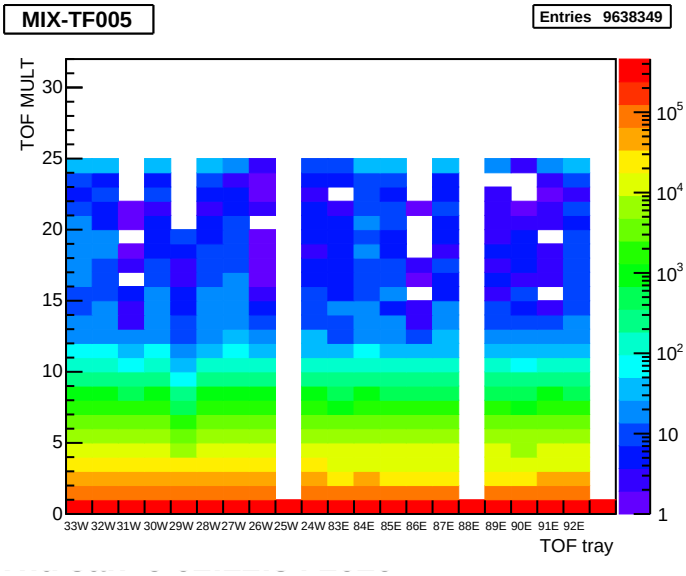

BunchId7Bit (TOFmult window)
Entries 14592

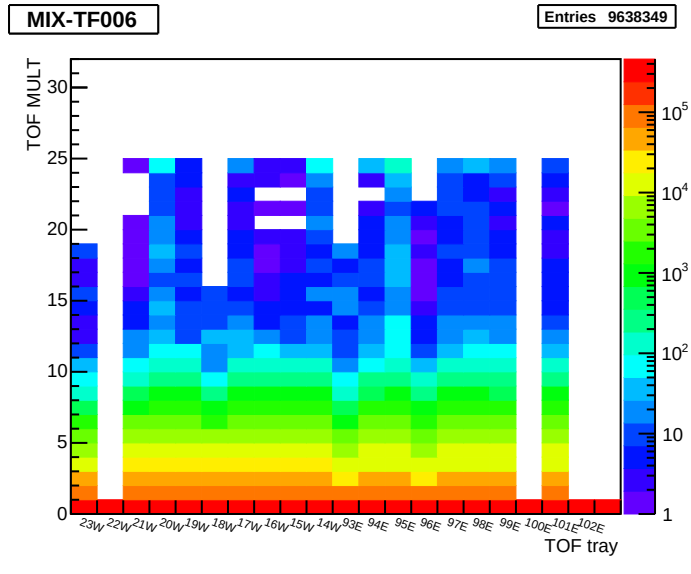

MIX-TF001
Entries 9638349
TOF MULT
TOF tray

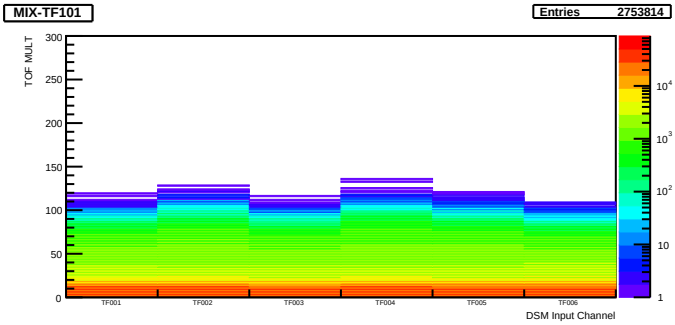

MIX-TF002
Entries 9638349
TOF MULT
TOF tray

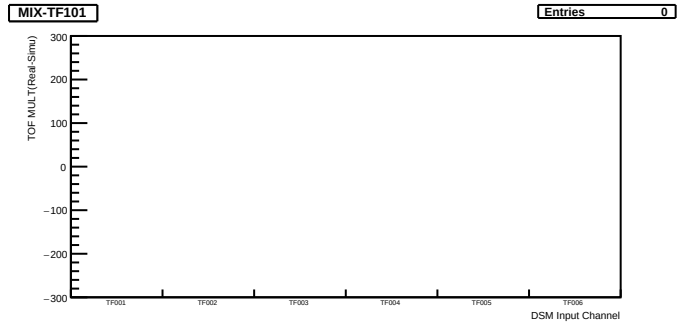

MIX-TF003
Entries 9638349
TOF MULT
TOF tray

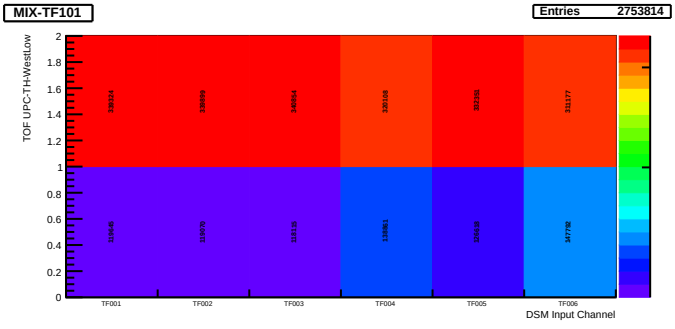

MIX-TF004
Entries 9638349
TOF MULT
TOF tray

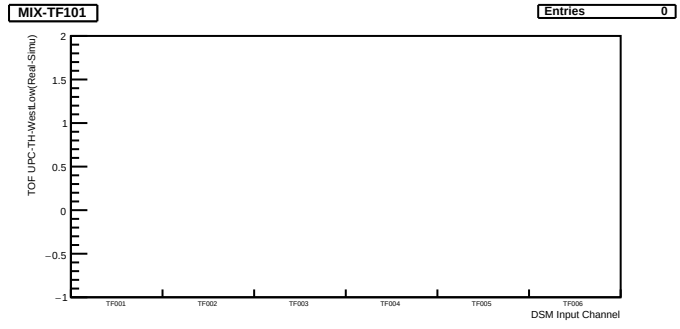

MIX-TF005
Entries 9638349
TOF MULT
TOF tray

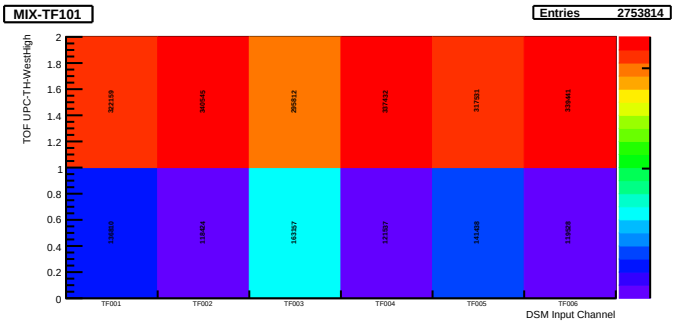

MIX-TF006
Entries 9638349
TOF MULT
TOF tray

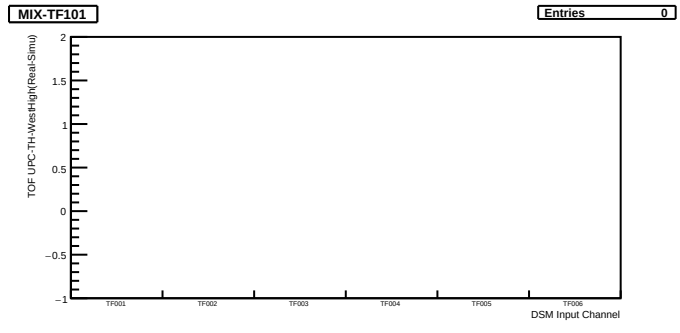

MIX-TF101
Entries 2753814
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

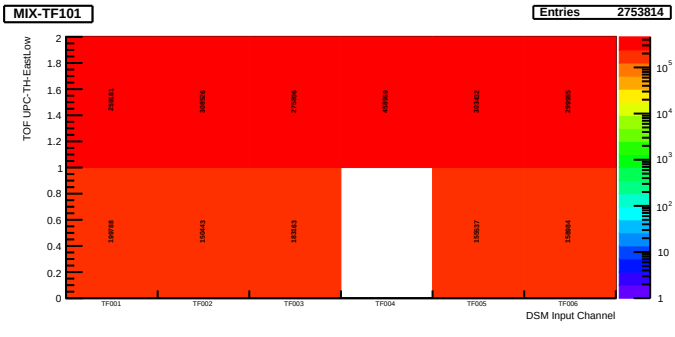

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

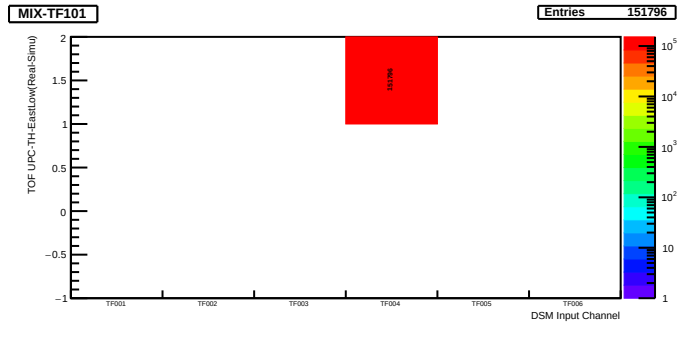

MIX-TF101
Entries 2753814
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

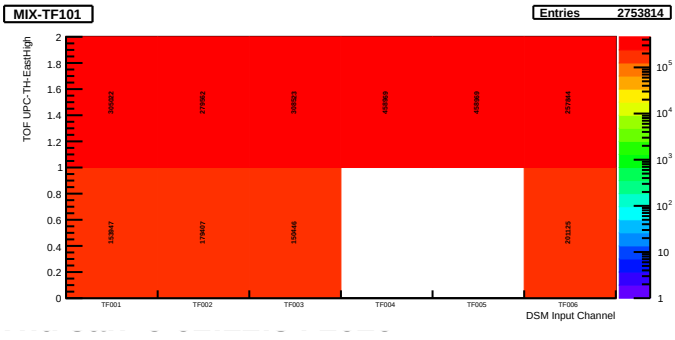

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

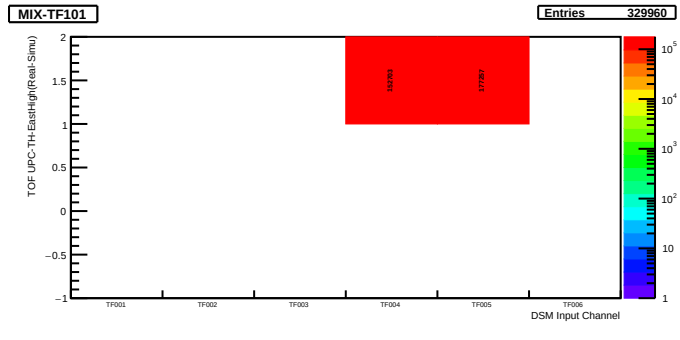

MIX-TF101
Entries 2753814
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

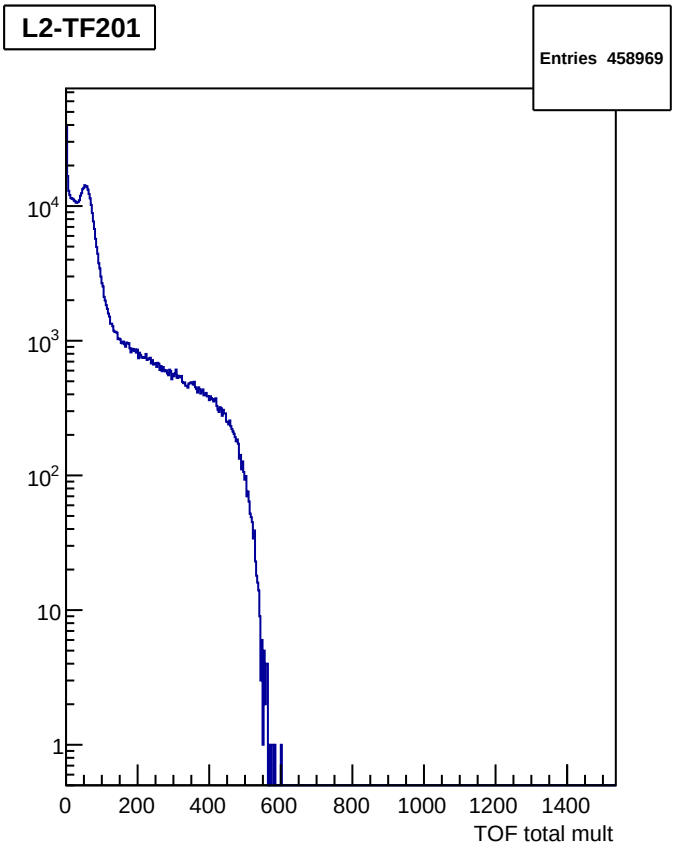

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

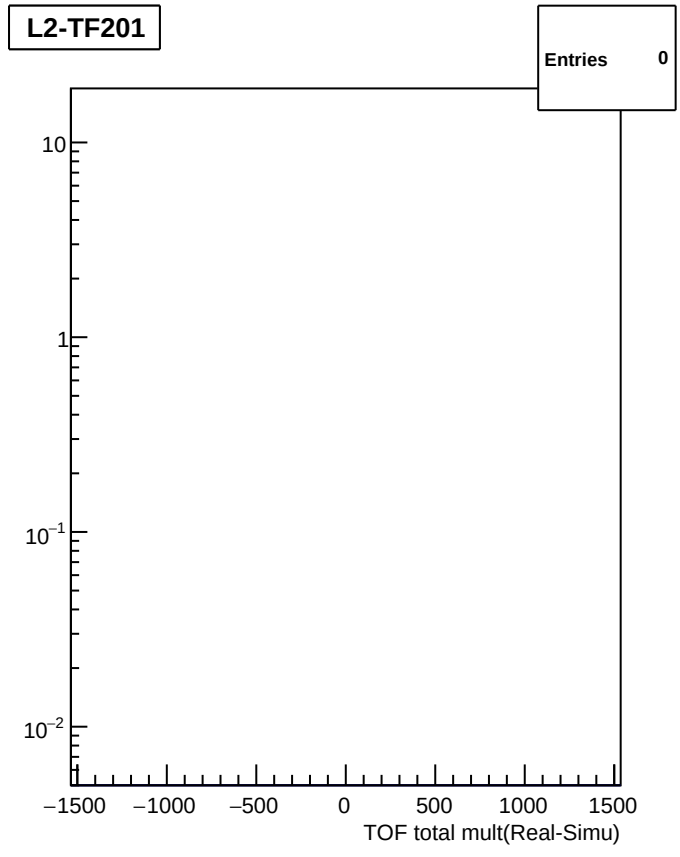

MIX-TF101
Entries 2753814
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

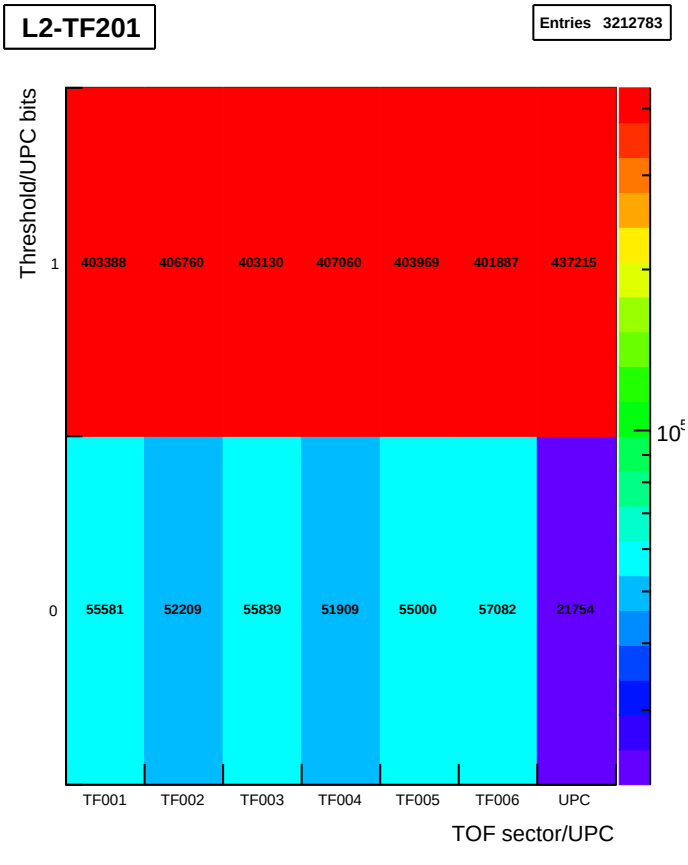

MIX-TF101
Entries 151796
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

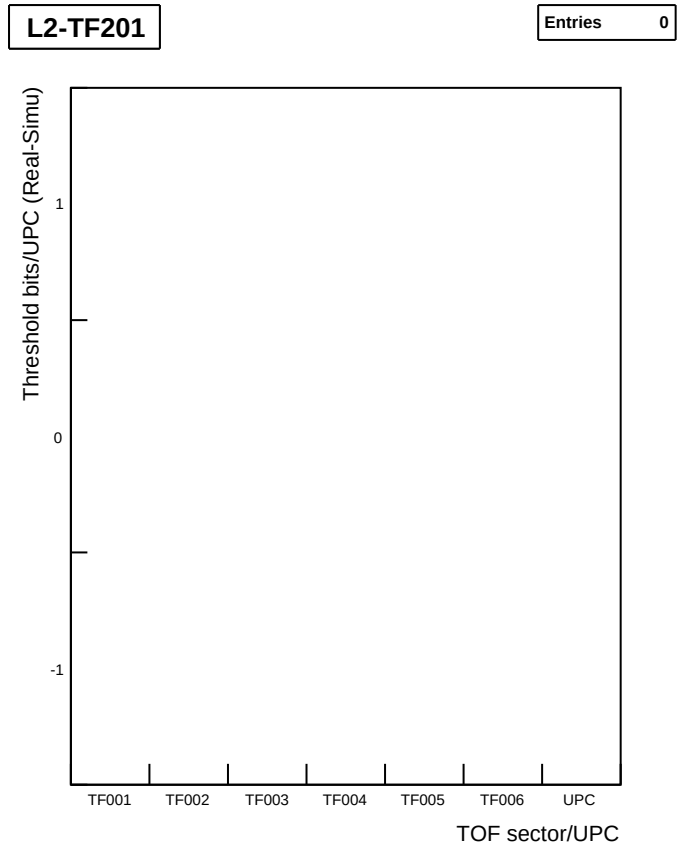

MIX-TF101
Entries 2753814
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

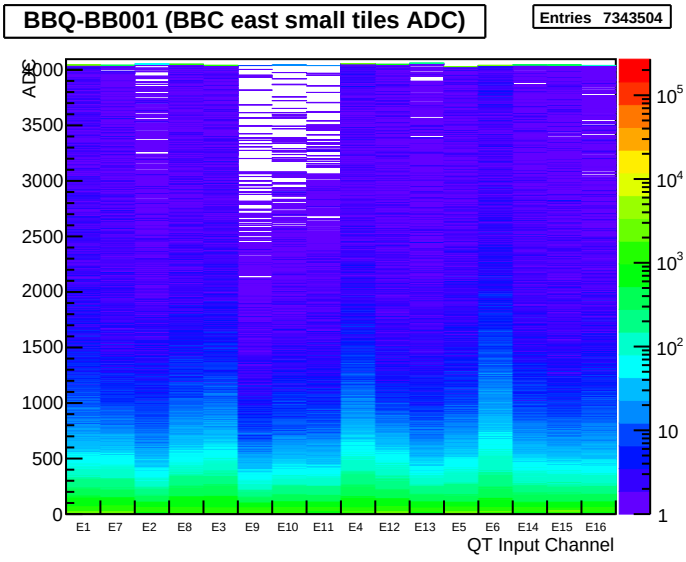

MIX-TF101
Entries 329960
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

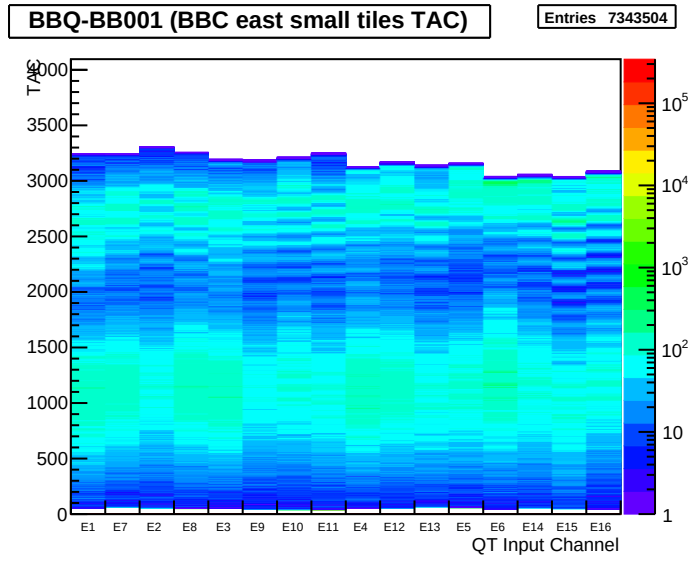

L2-TF201
Entries 458969
TOF total mult

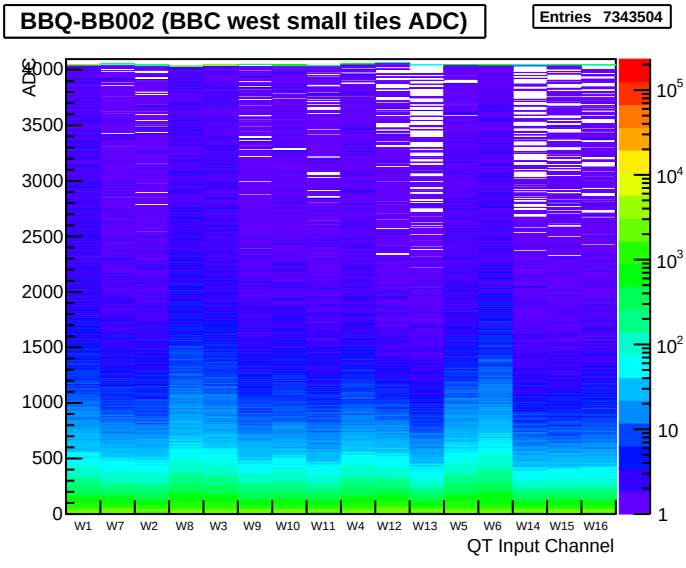

L2-TF201
Entries 0
TOF total mult(Real-Simu)

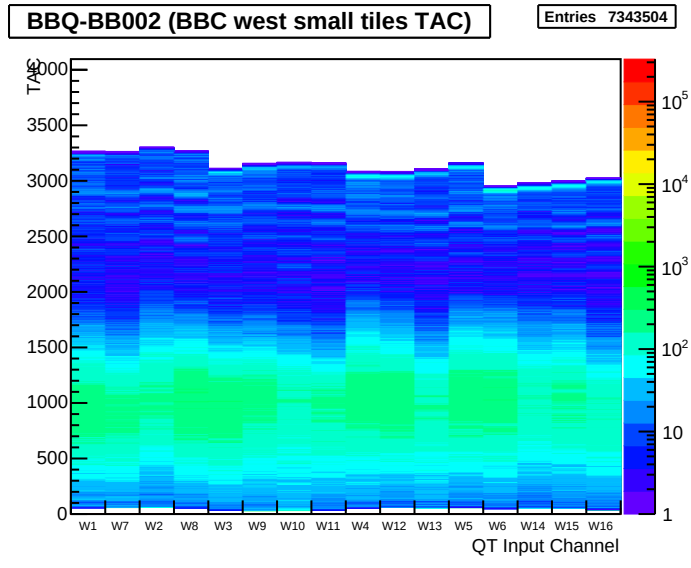

L2-TF201
Entries 3212783
Threshold/UPC bits
403388
406760
403130
407060
403969
401887
437215
55581
52209
55839
51909
55000
57082
21754
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

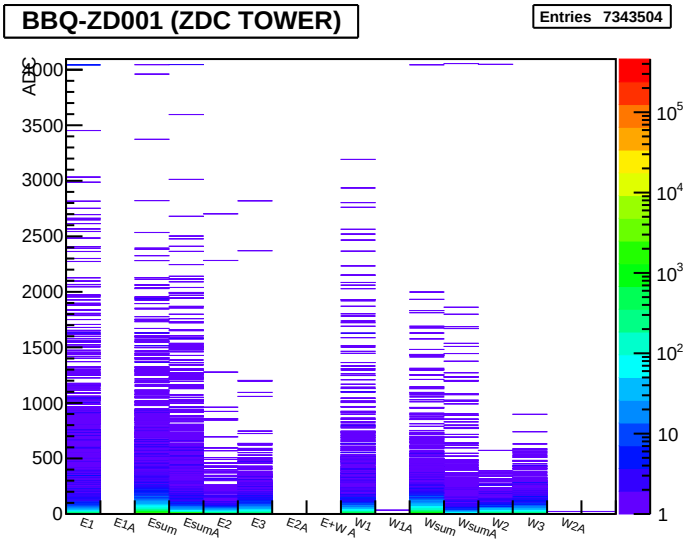

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

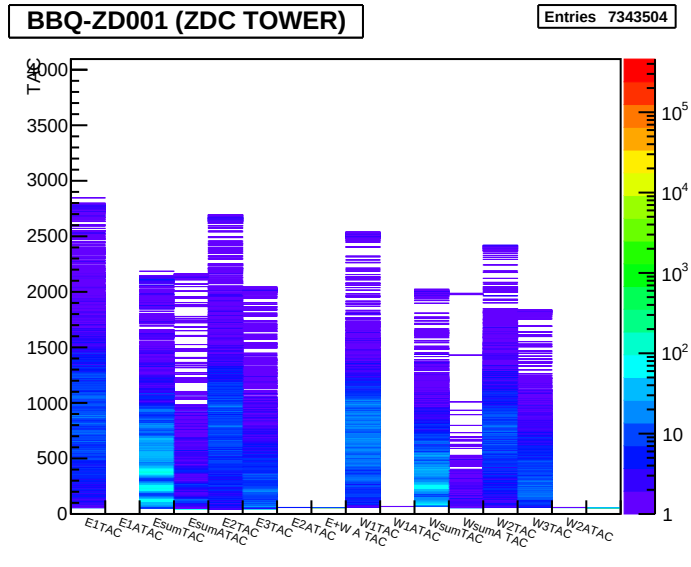

BBQ-BB001 (BBC east small tiles ADC)
Entries 7343504
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

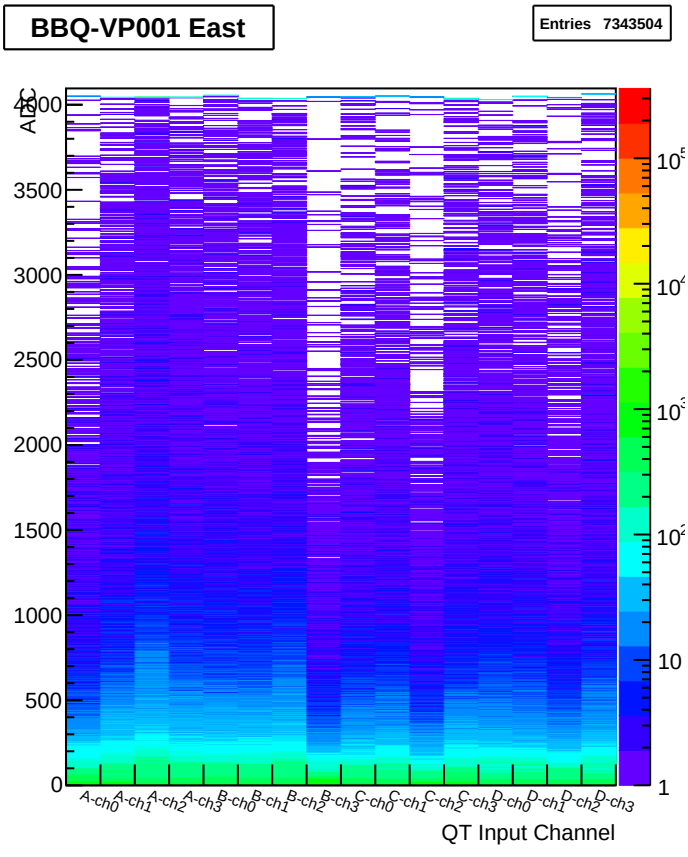

BBQ-BB001 (BBC east small tiles TAC)
Entries 7343504
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

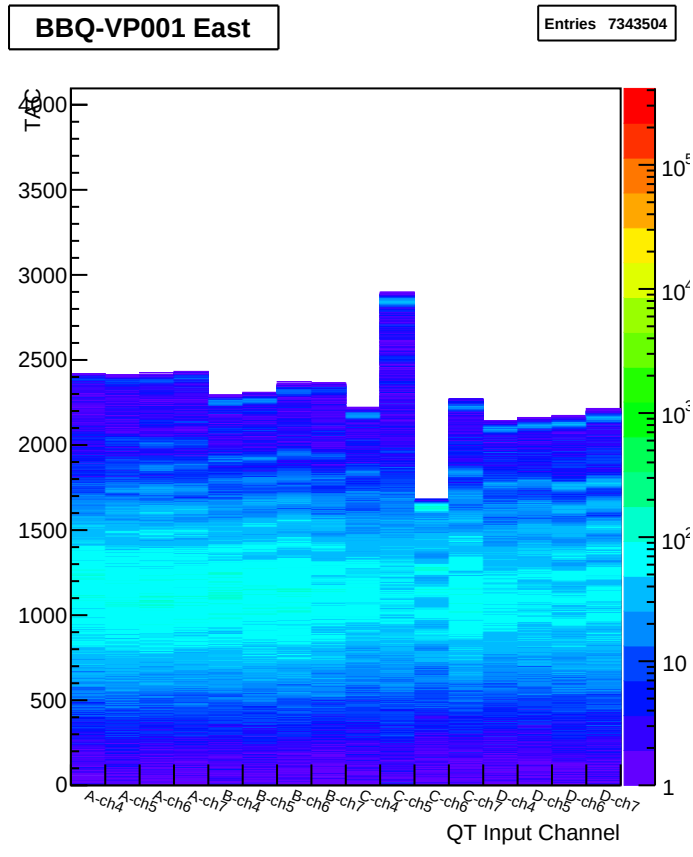

BBQ-BB002 (BBC west small tiles ADC)
Entries 7343504
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

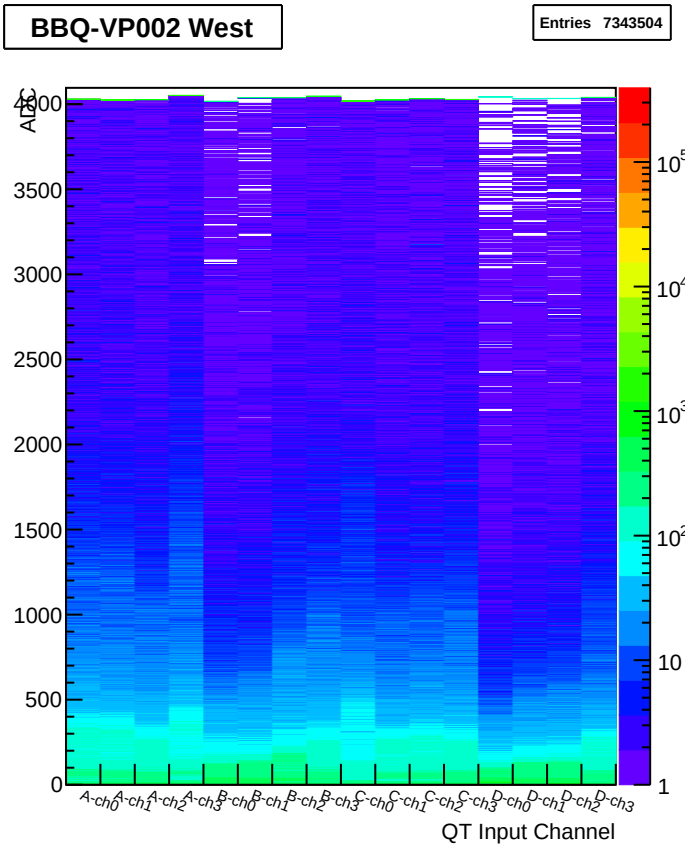

BBQ-BB002 (BBC west small tiles TAC)
Entries 7343504
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

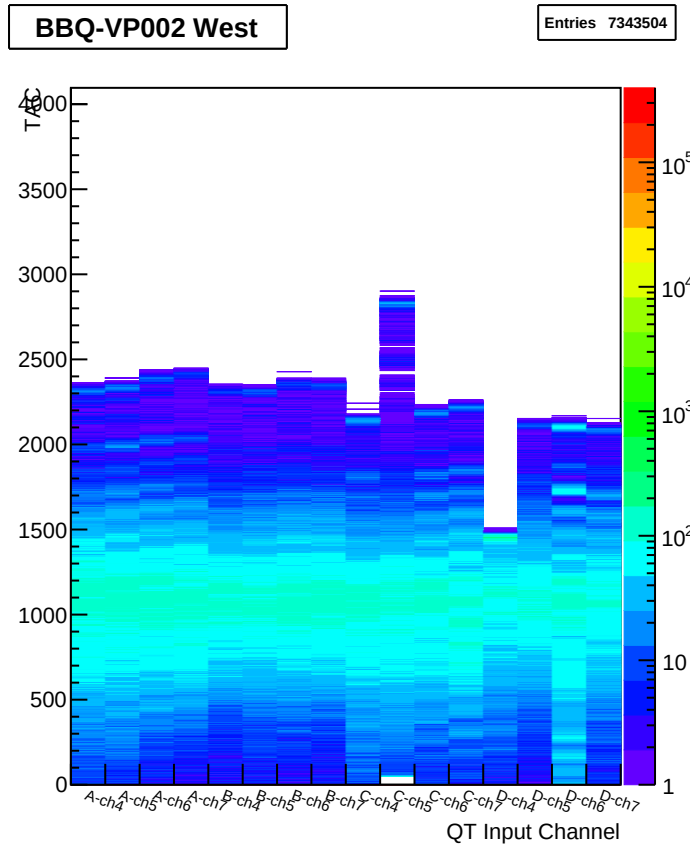

BBQ-ZD001 (ZDC TOWER)
Entries 7343504
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

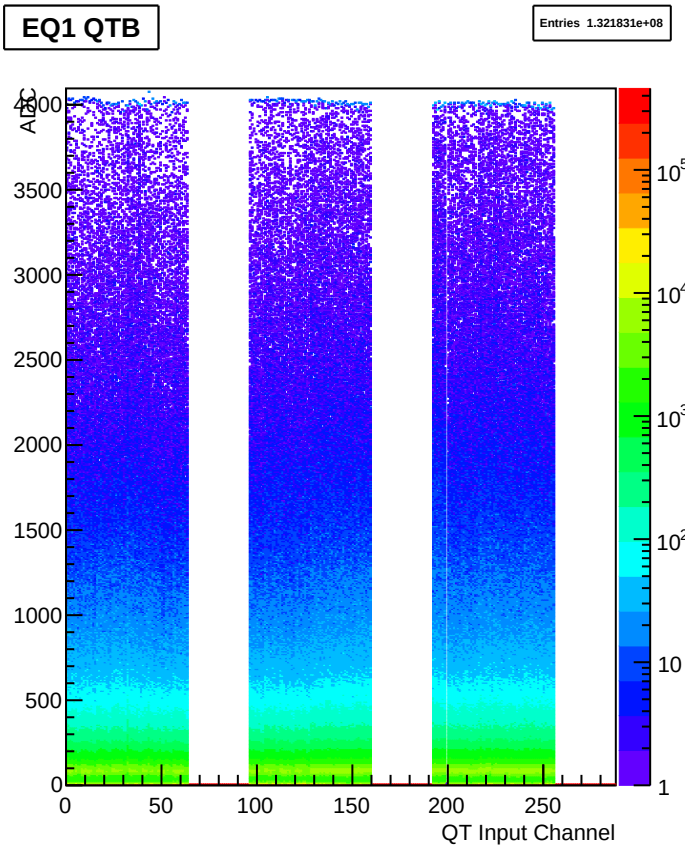

BBQ-ZD001 (ZDC TOWER)
Entries 7343504
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

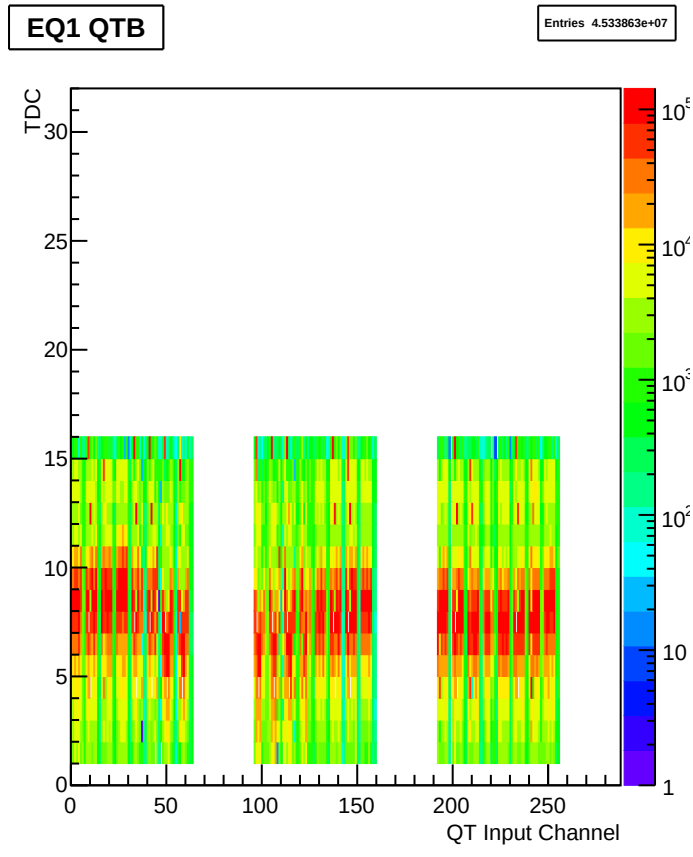

BBQ-VP001 East
Entries 7343504
ADC
QT Input Channel

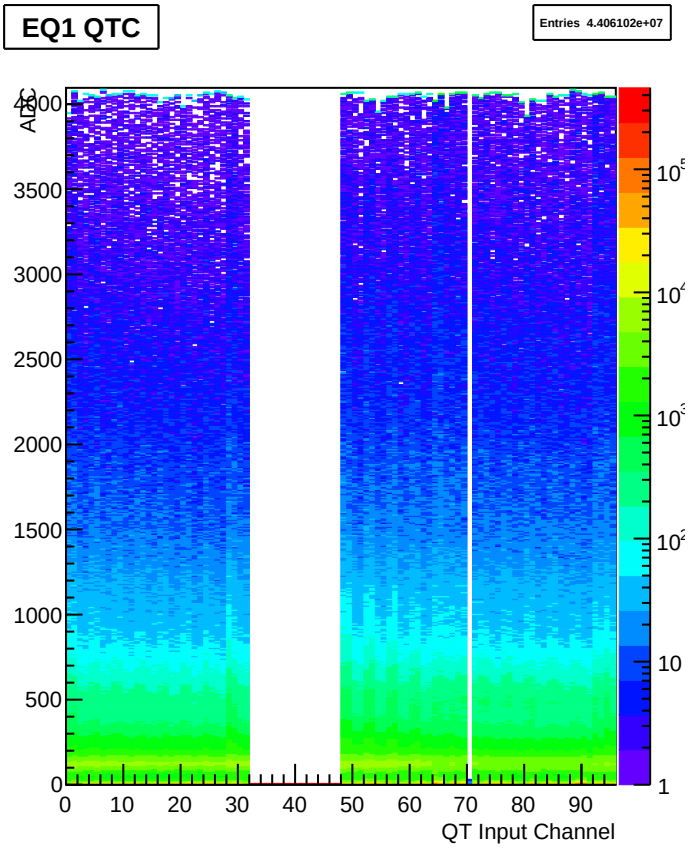

BBQ-VP001 East
Entries 7343504
ADC
QT Input Channel

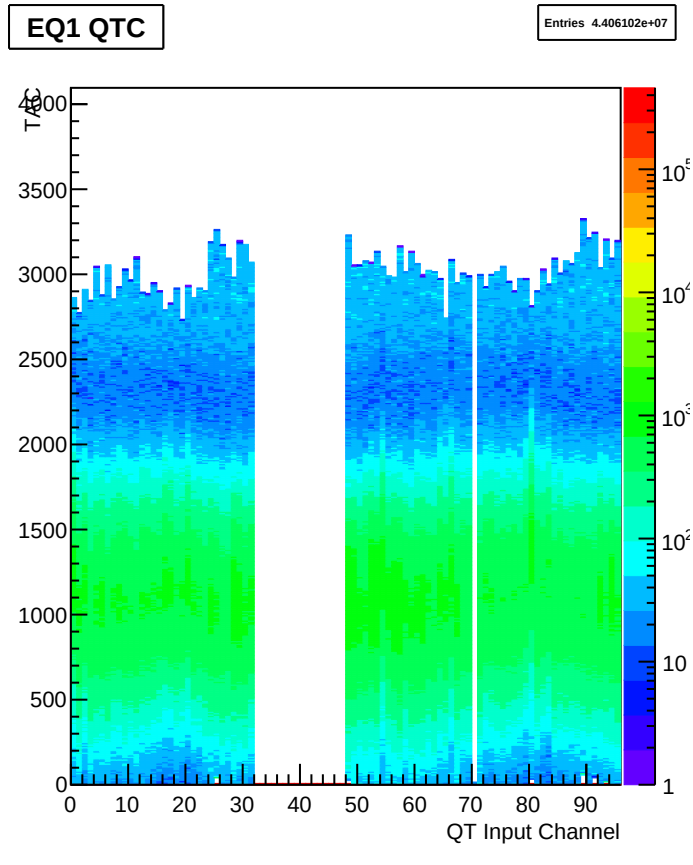

BBQ-VP002 West
Entries 7343504
ADC
QT Input Channel

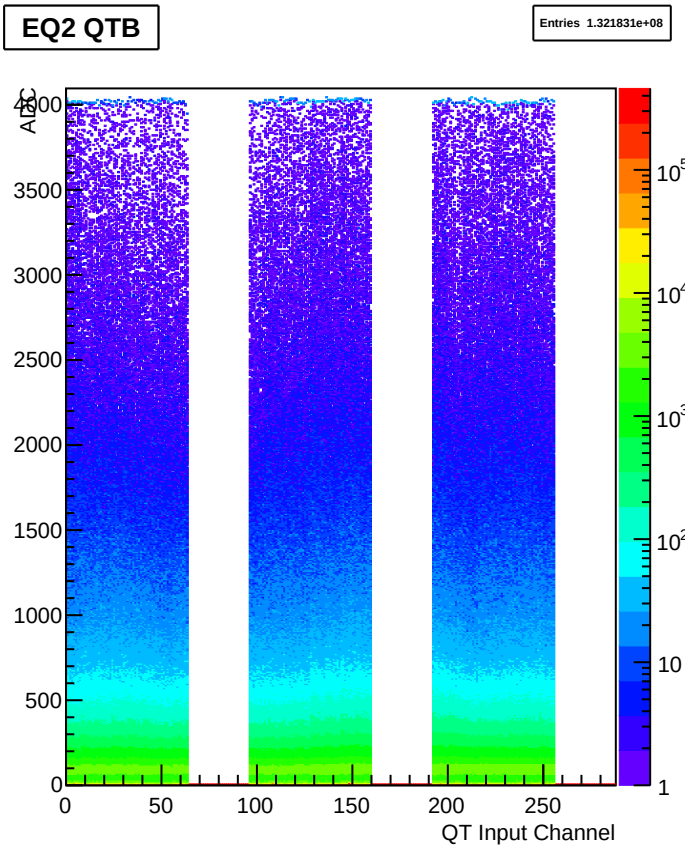

BBQ-VP002 West
Entries 7343504
ADC
QT Input Channel

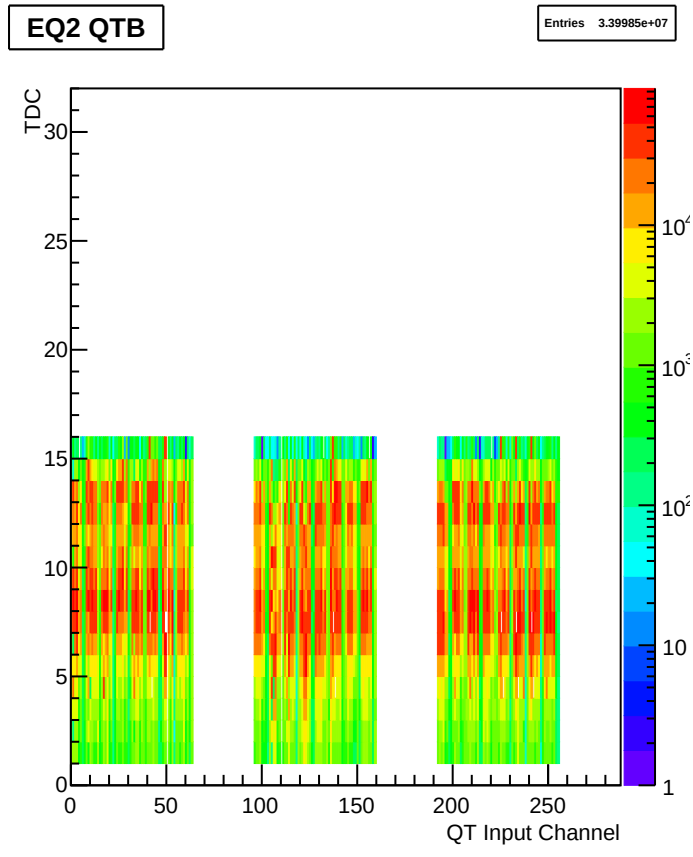

EQ1 QTB
Entries 1.321831e+08
ADC
QT Input Channel

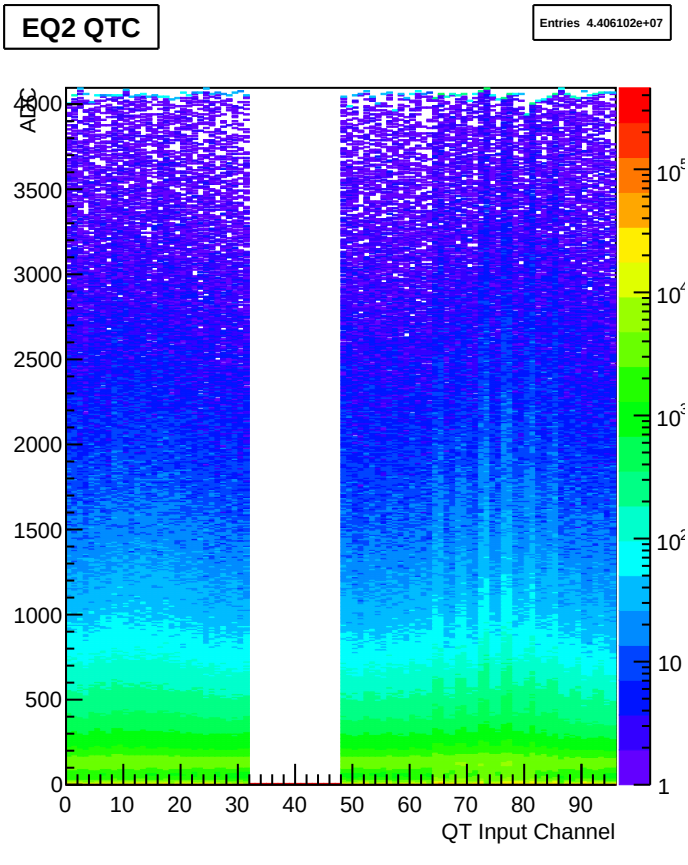

EQ1 QTB
Entries 4.533863e+07
TDC
QT Input Channel

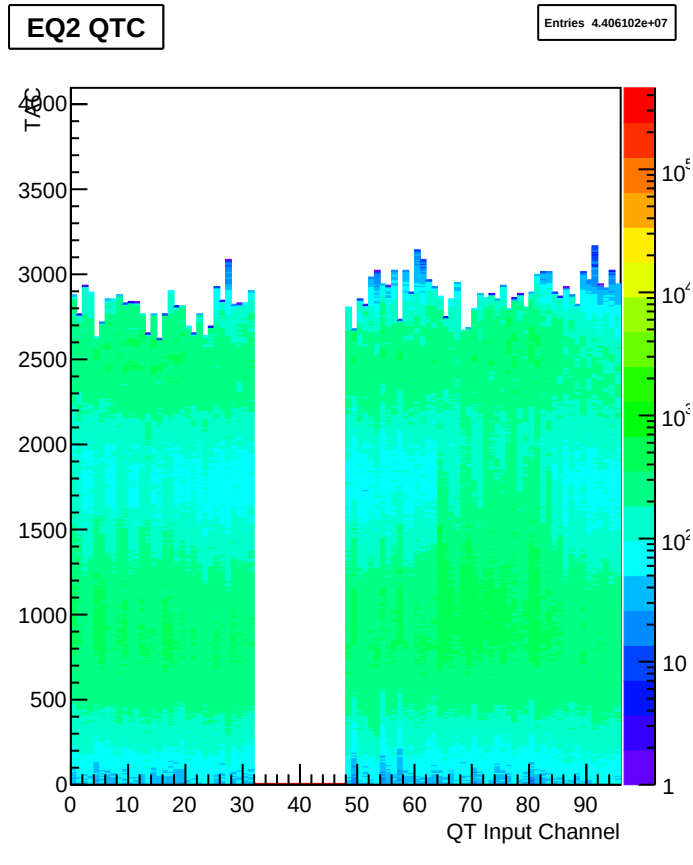

EQ1 QTC
Entries 4.406102e+07
ADC
QT Input Channel

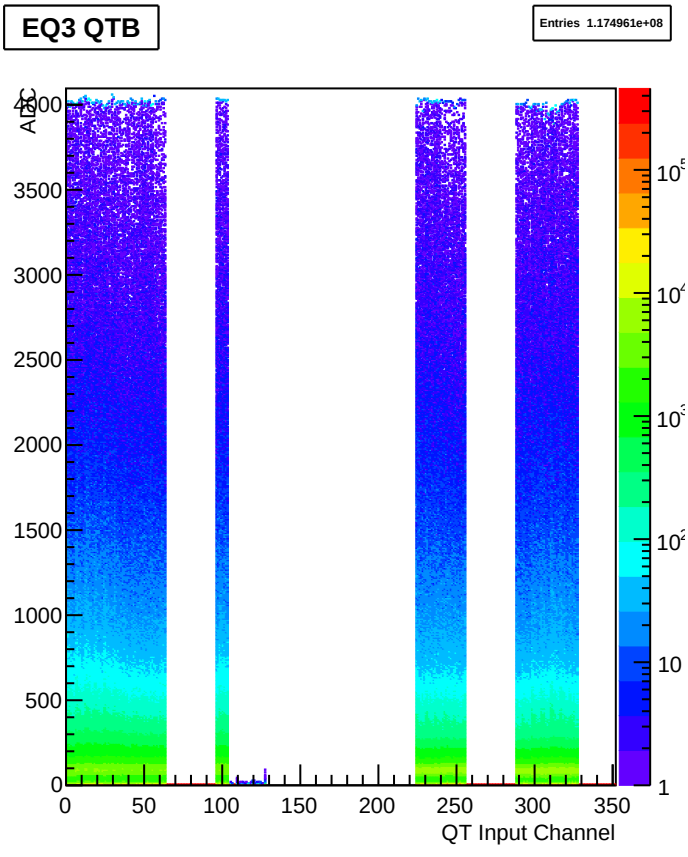

EQ1 QTC
Entries 4.406102e+07
TADC
QT Input Channel

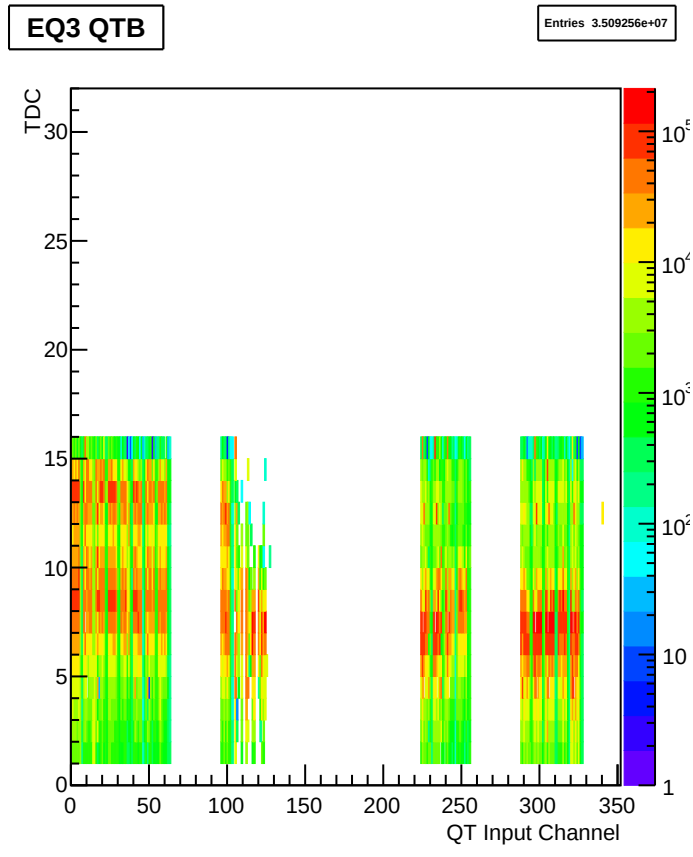

EQ2 QTB
Entries 1.321831e+08
ADC
QT Input Channel

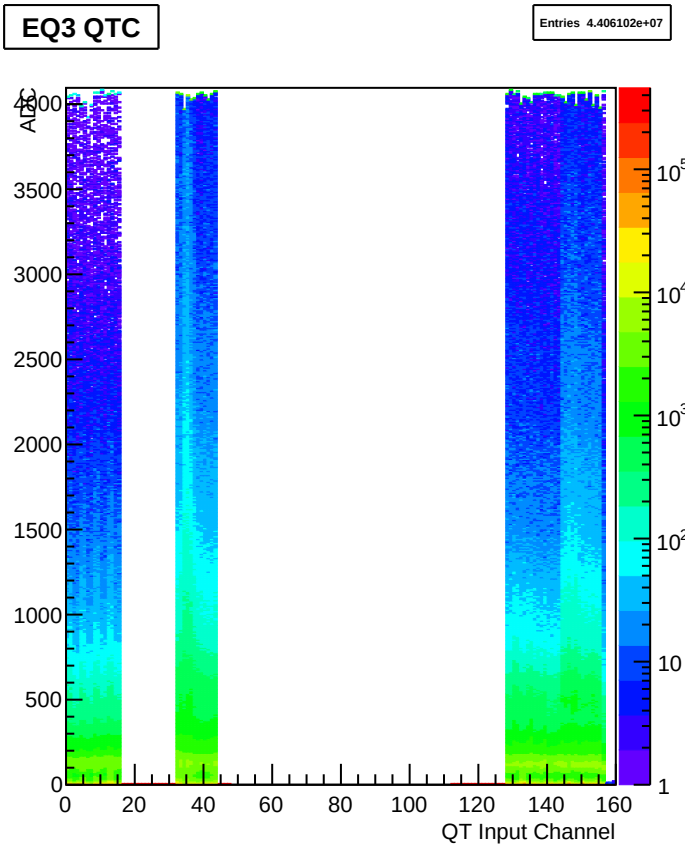

EQ2 QTB
Entries 3.39985e+07
TDC
QT Input Channel

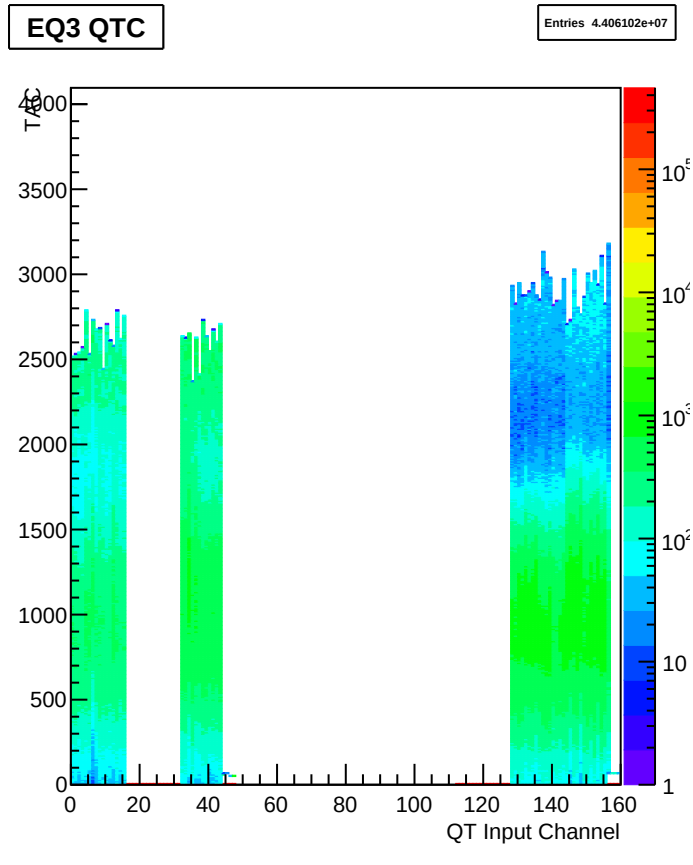

EQ2 QTC
Entries 4.406102e+07
ADC
QT Input Channel

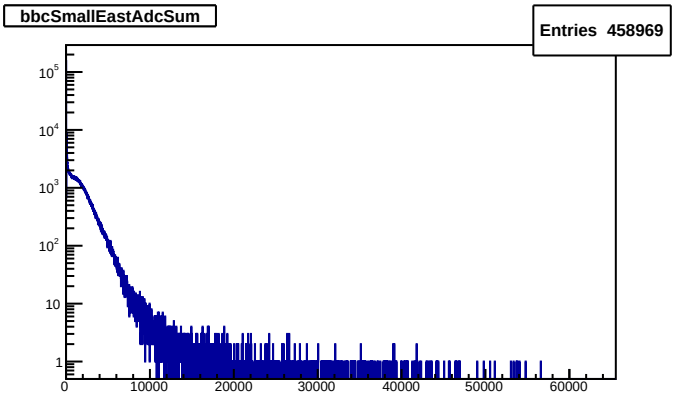

EQ2 QTC
Entries 4.406102e+07
TADC
QT Input Channel

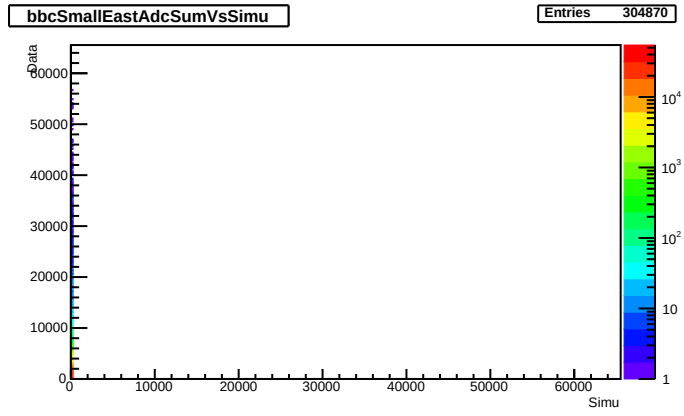

EQ3 QTB
Entries 1.174961e+08
ADC
QT Input Channel

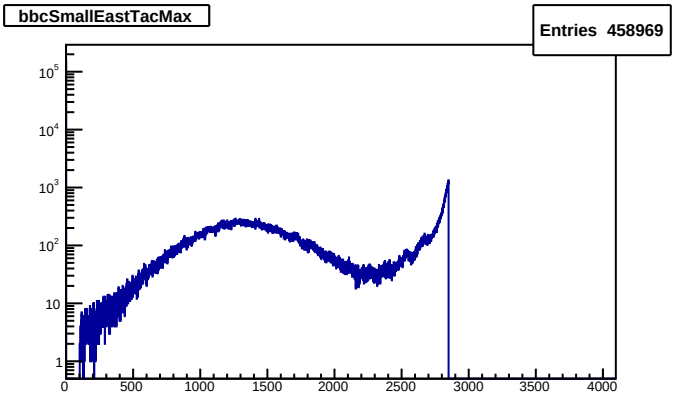

EQ3 QTB
Entries 3.509256e+07
TDC
QT Input Channel

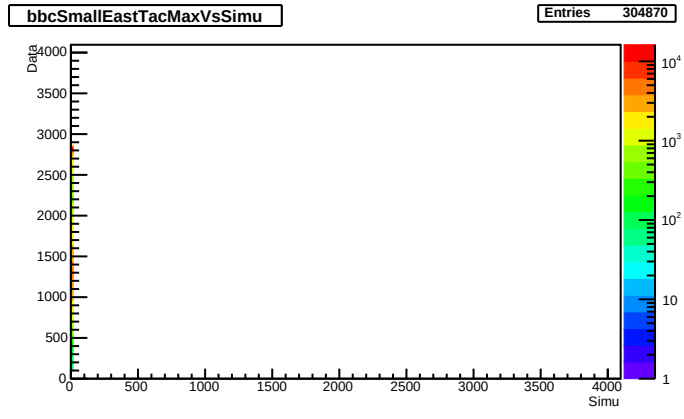

EQ3 QTC
Entries 4.406102e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.406102e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 458969


bbcSmallEastAdcSumVsSimu
Entries 304870
Data
Simu


bbcSmallEastTacMax
Entries 458969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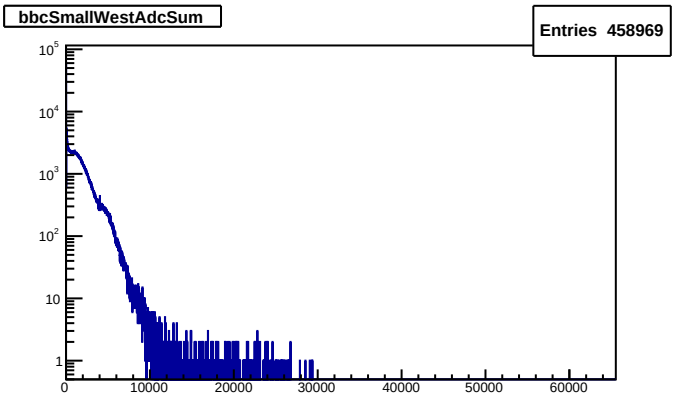
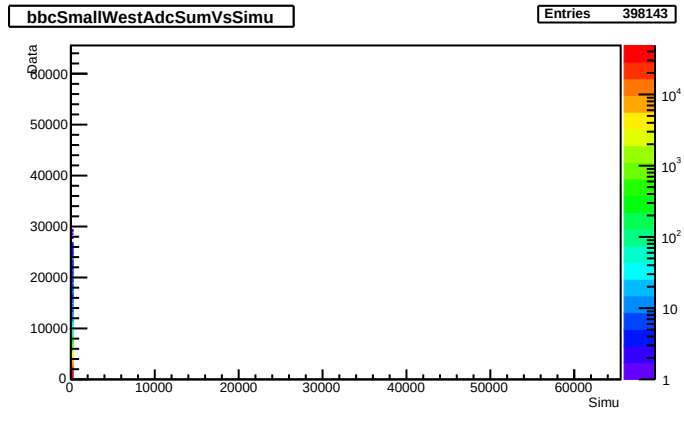
Entries 304870
Data
Simu


bbcSmallWestAdcSum
Entries 458969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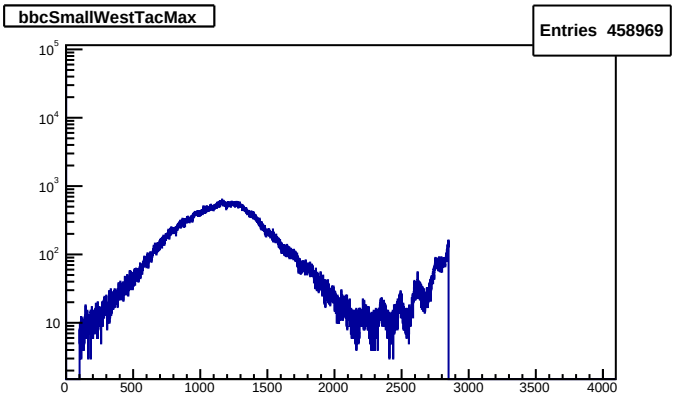
Entries 398143
Data
Simu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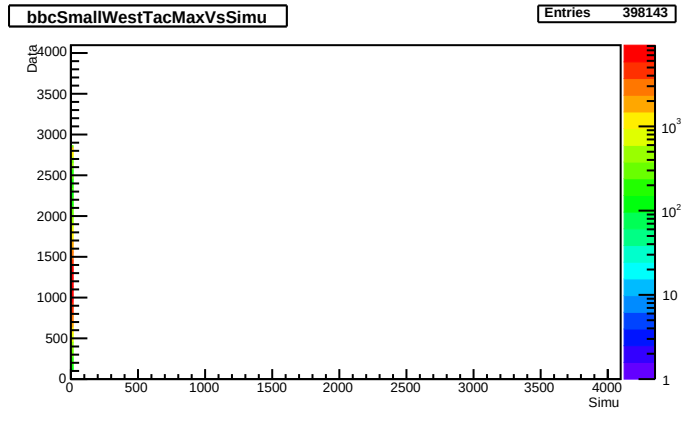
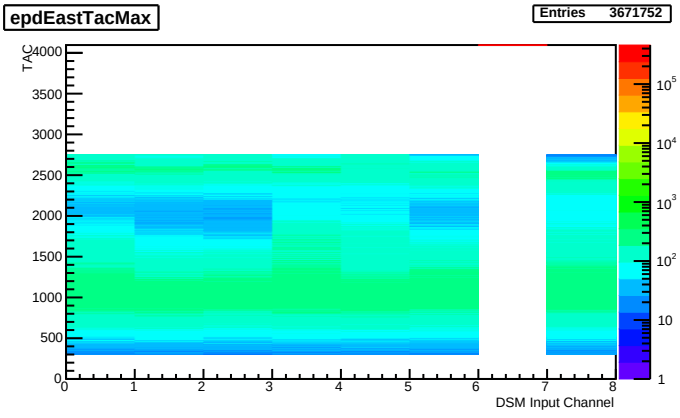
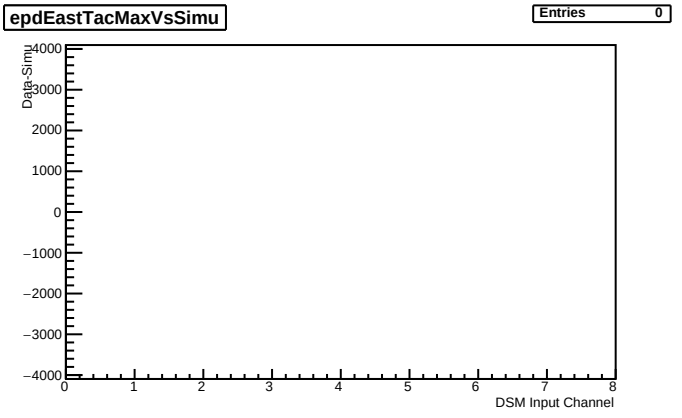
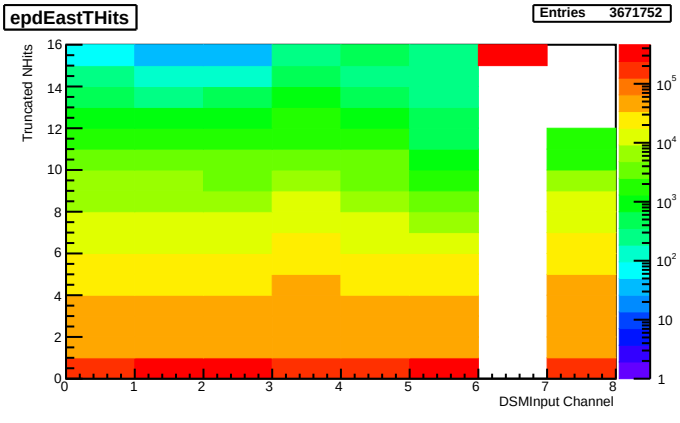
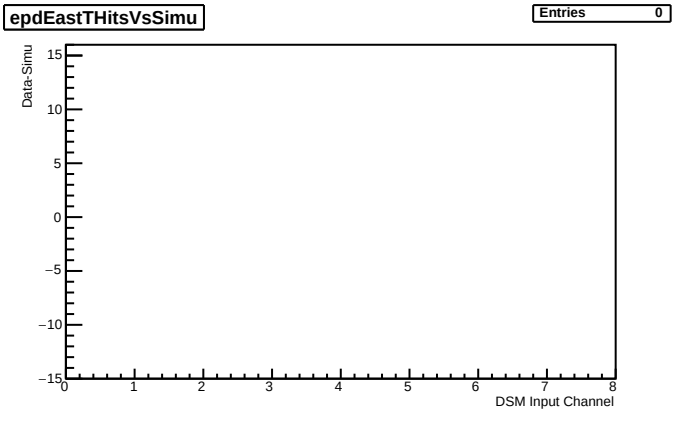
Entries 458969


bbcSmallWestTacMaxVsSimu
Entries 398143
Data
Simu


epdEastTacMax
Entries 3671752
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3671752
Truncated NHits
DSMInput Channel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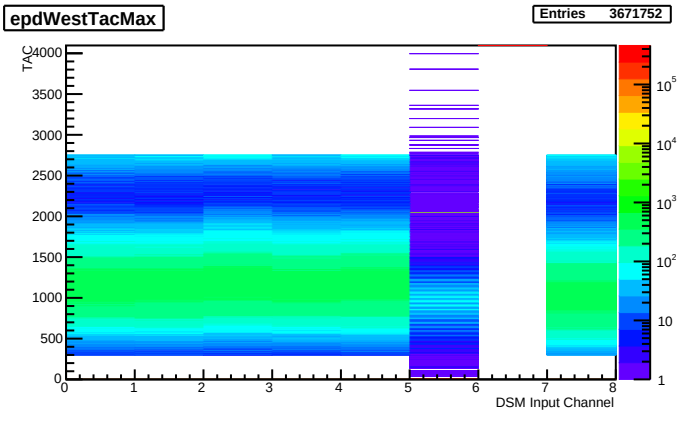
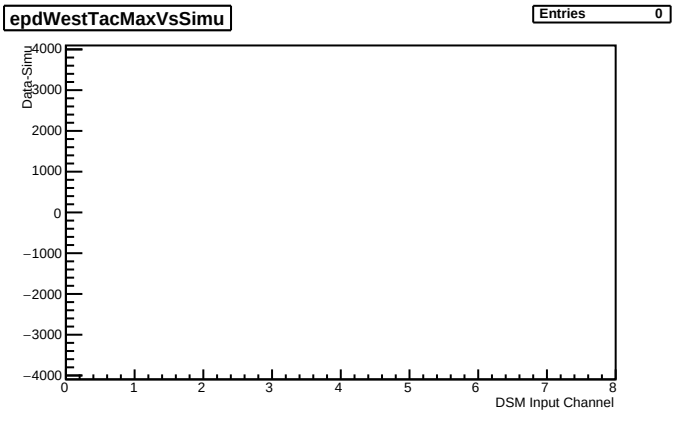
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3671752
TAC
DSM Input Channel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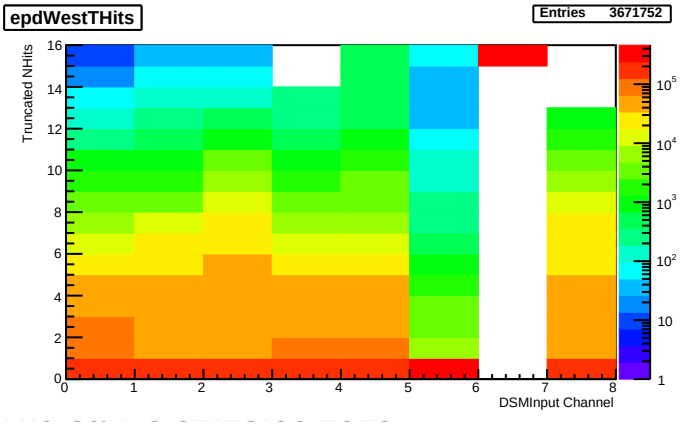
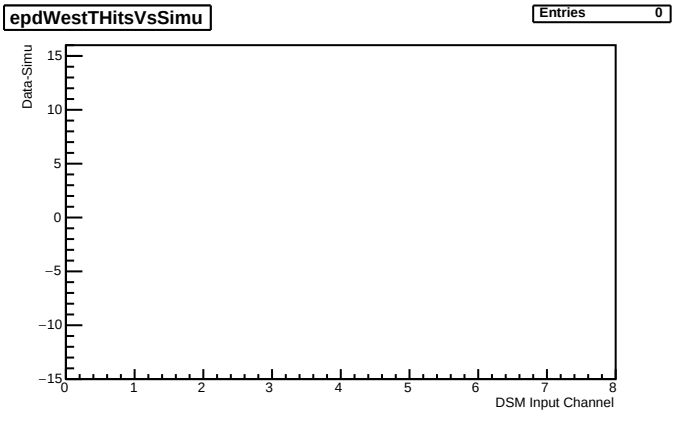
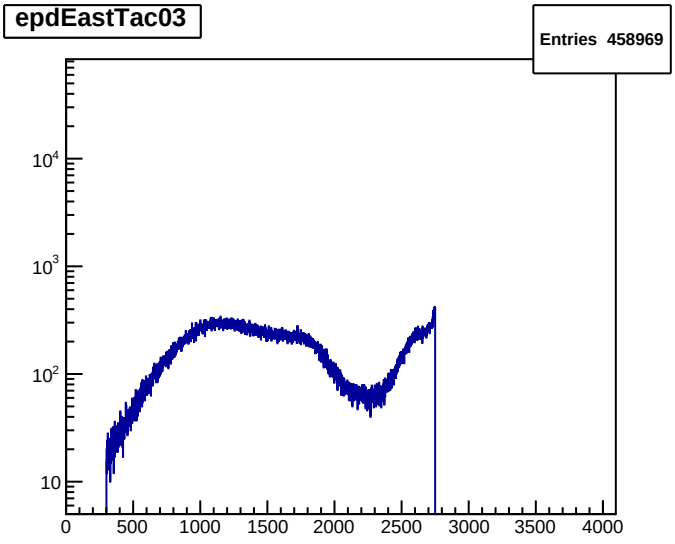
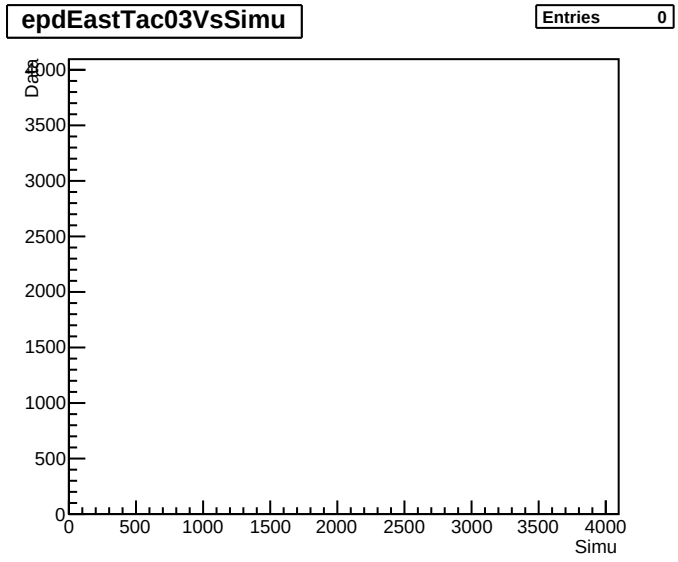
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3671752
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 458969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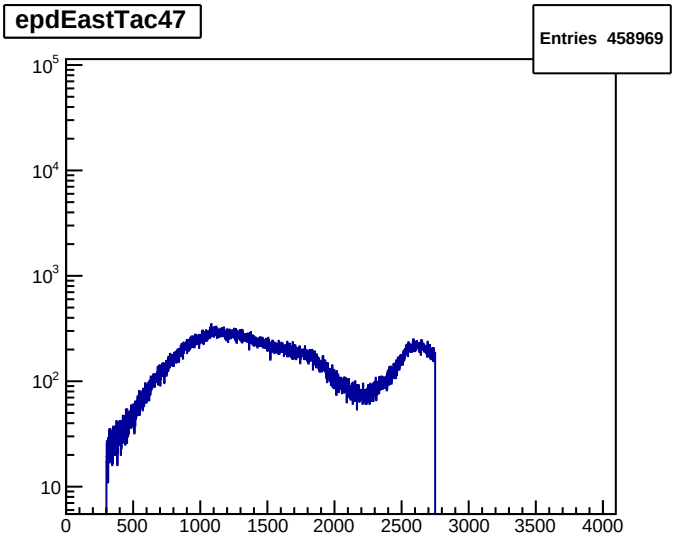
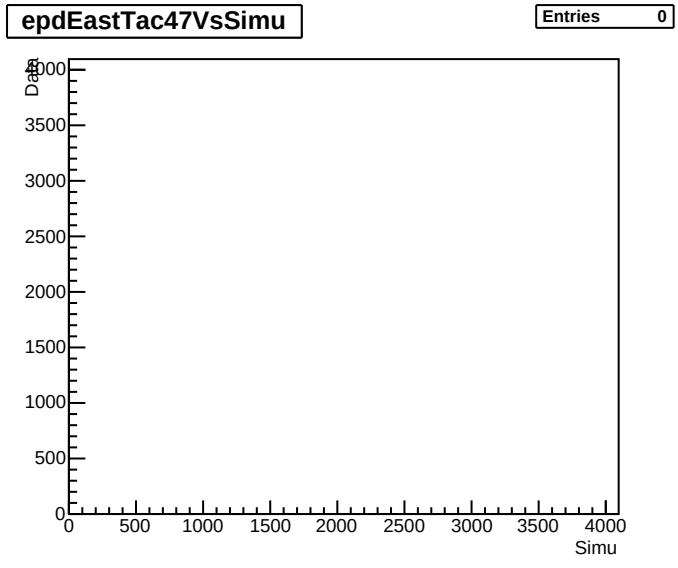
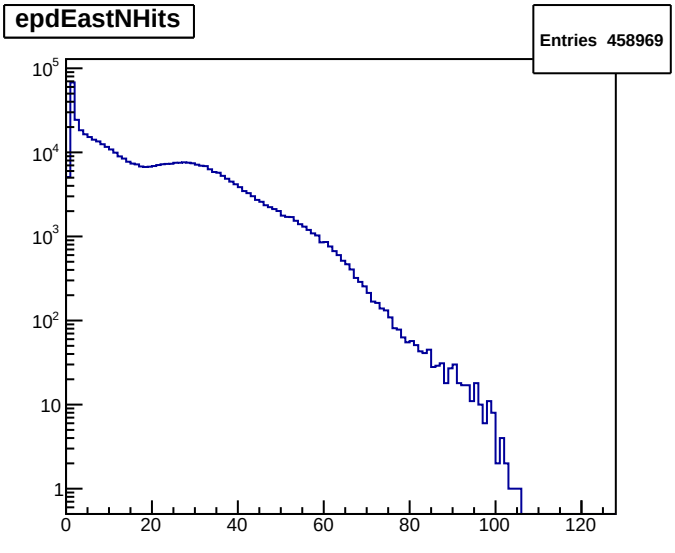
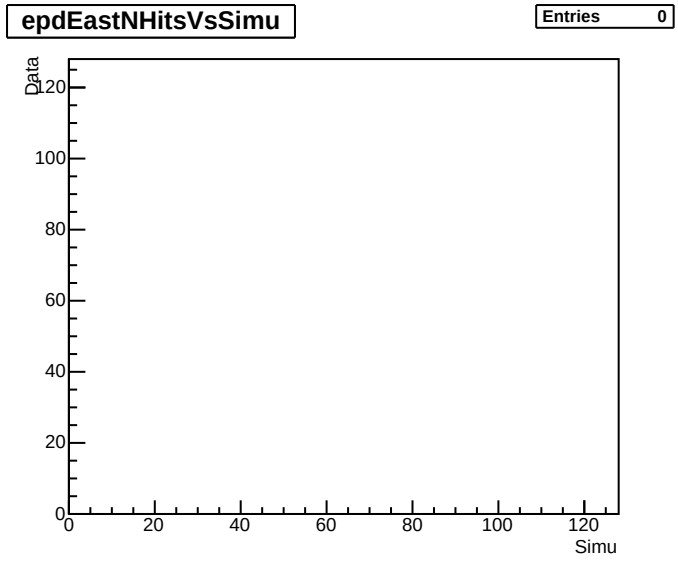
Entries 0
Data
Simu


epdEastTac47
Entries 458969


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 458969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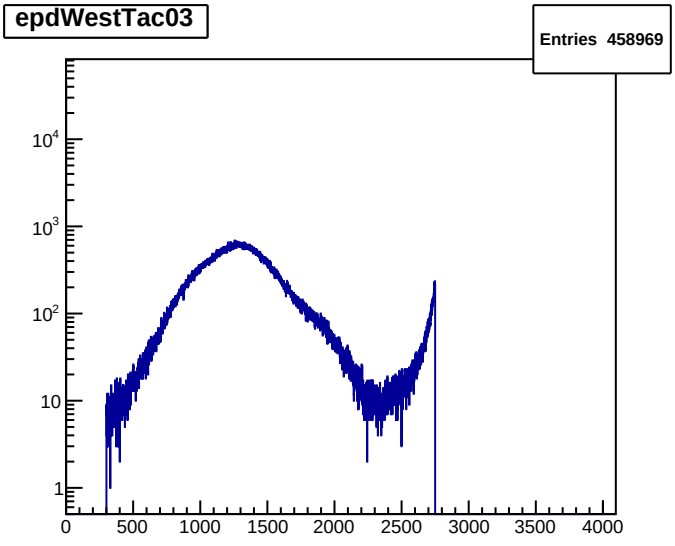
Entries 0
Data
Simu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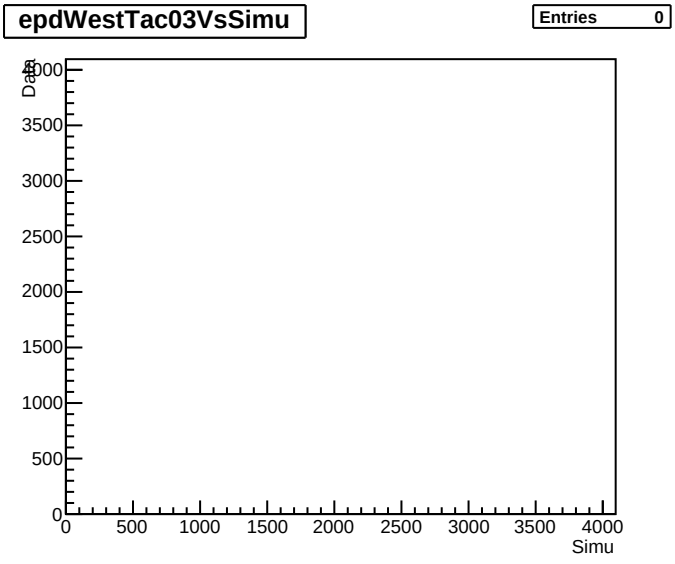
Entries 458969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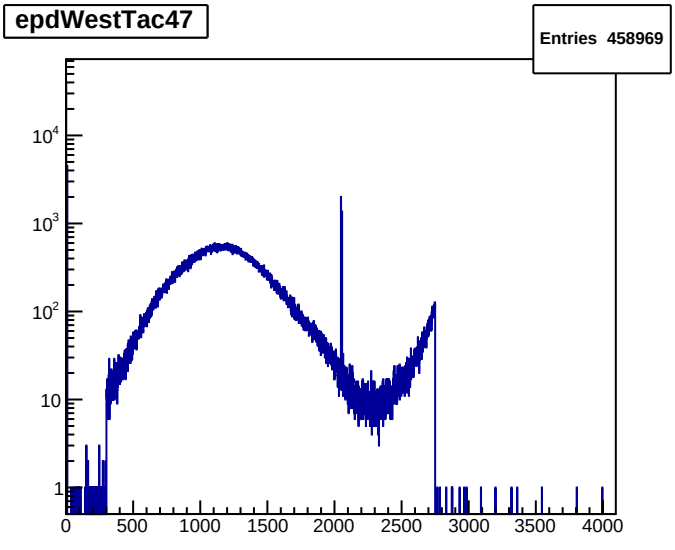
Entries 0
Data
Simu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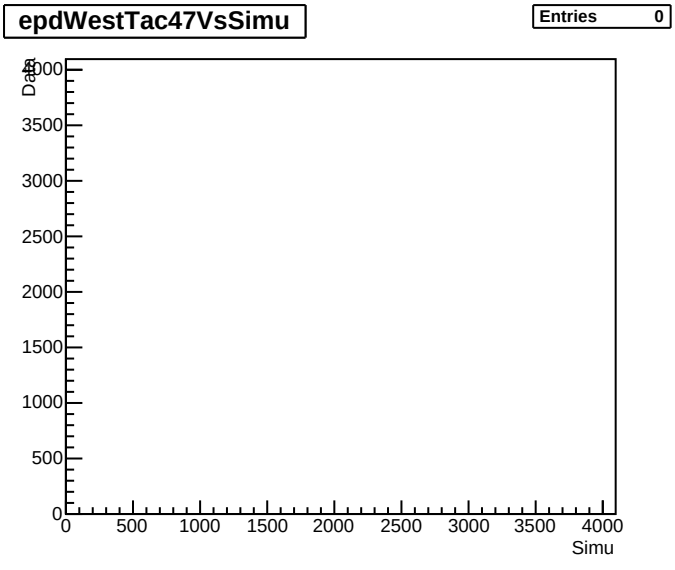
Entries 458969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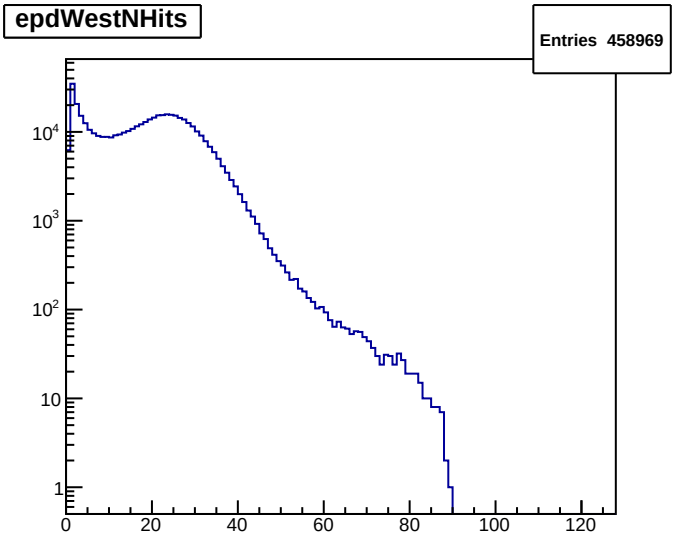
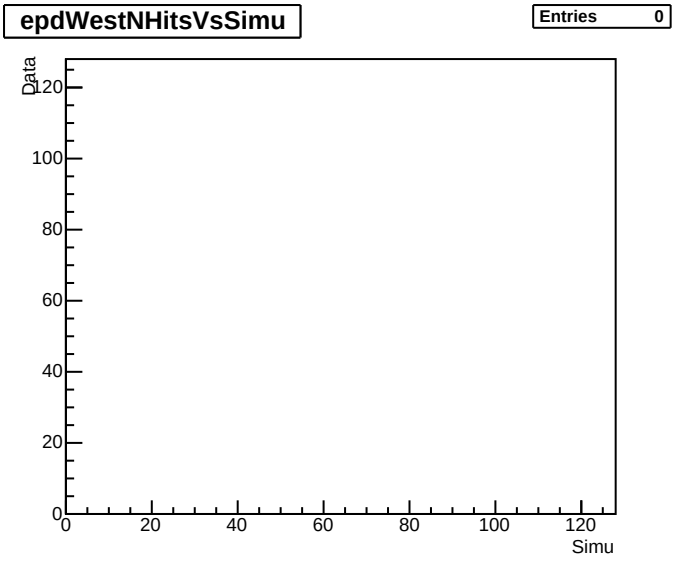
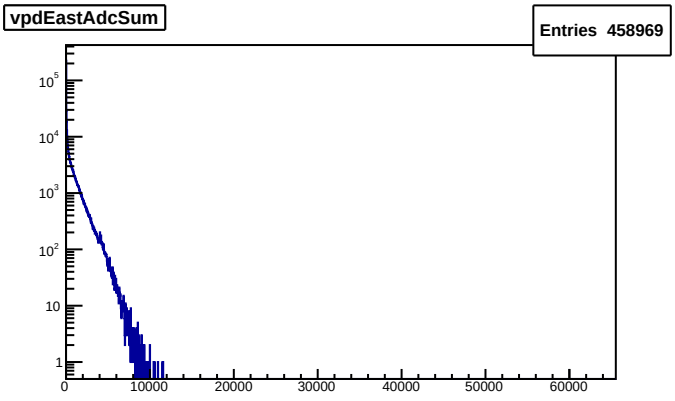
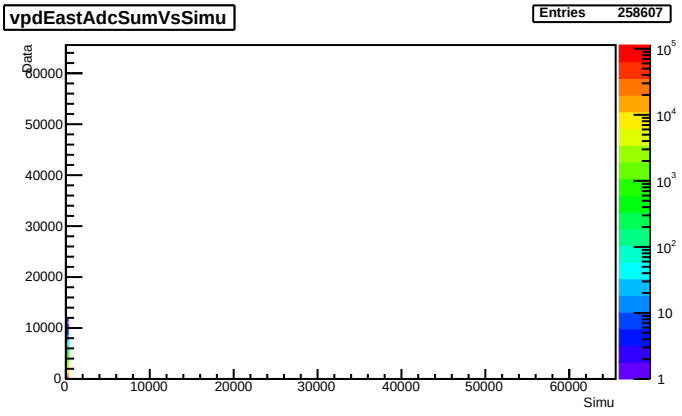
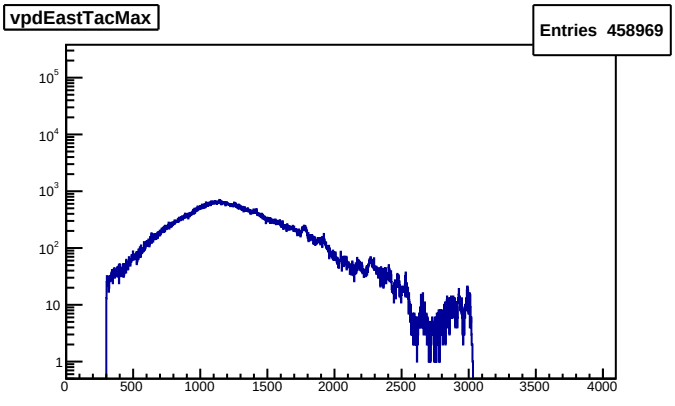
Entries 0
Data
Simu

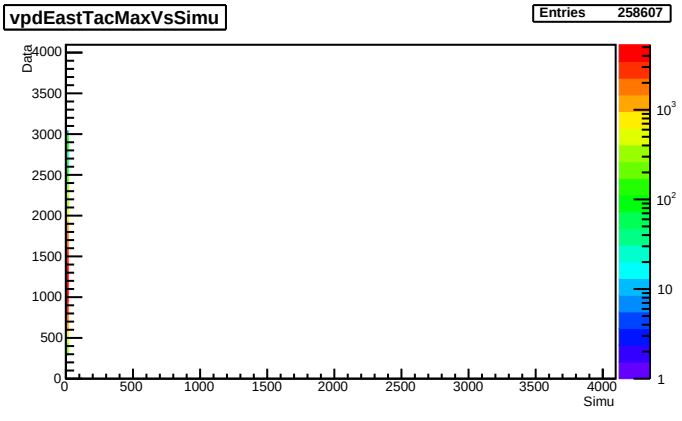

epdWestNHits
Entries 458969

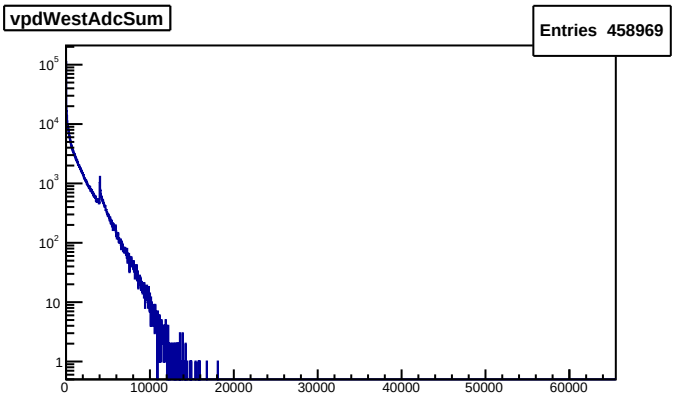

epdWestNHitsVsSimu
Entries 0
Data
Simu

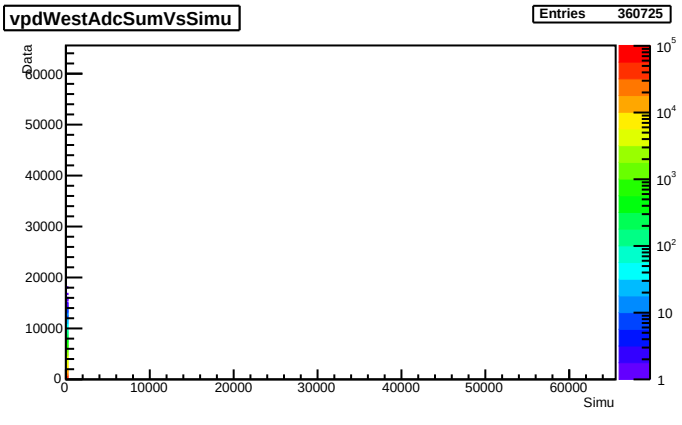

vpdEastAdcSum
Entries 458969

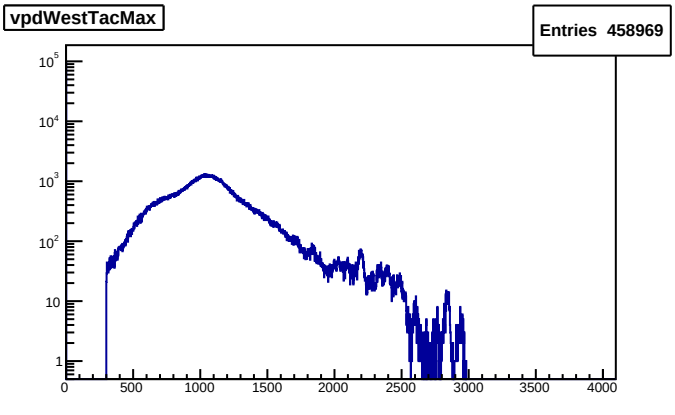

vpdEastAdcSumVsSimu
Entries 258607
Data
Simu

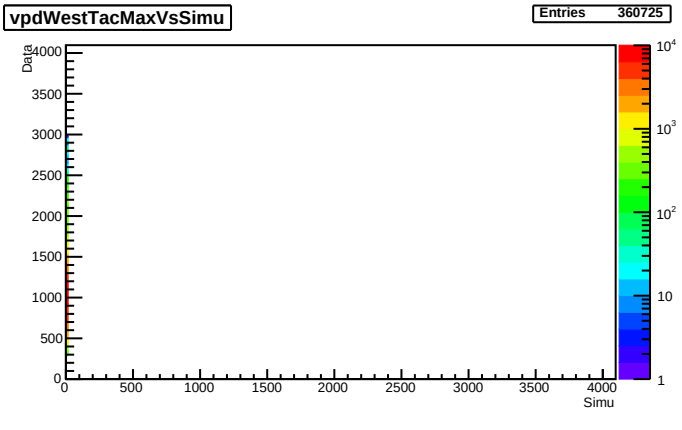

vpdEastTacMax
Entries 458969

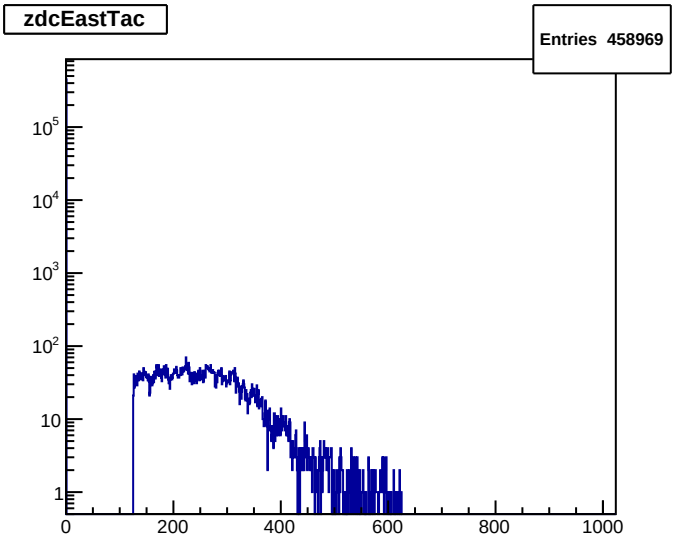

vpdEastTacMaxVsSimu
Entries 258607
Data
Simu

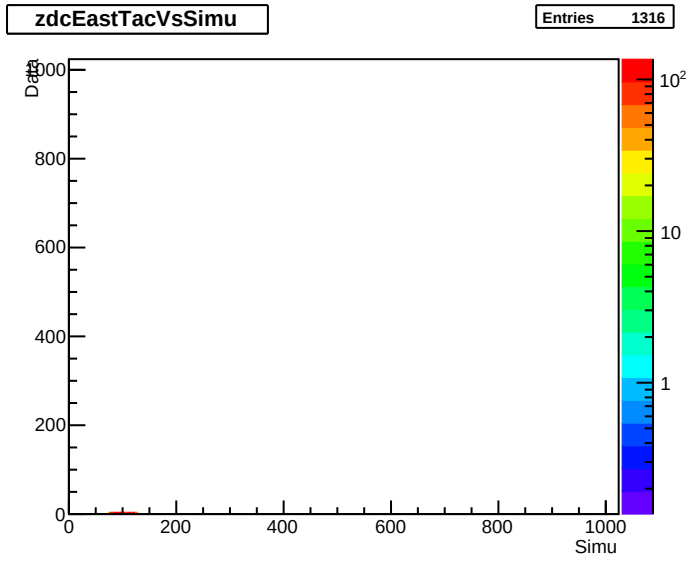

vpdWestAdcSum
Entries 458969

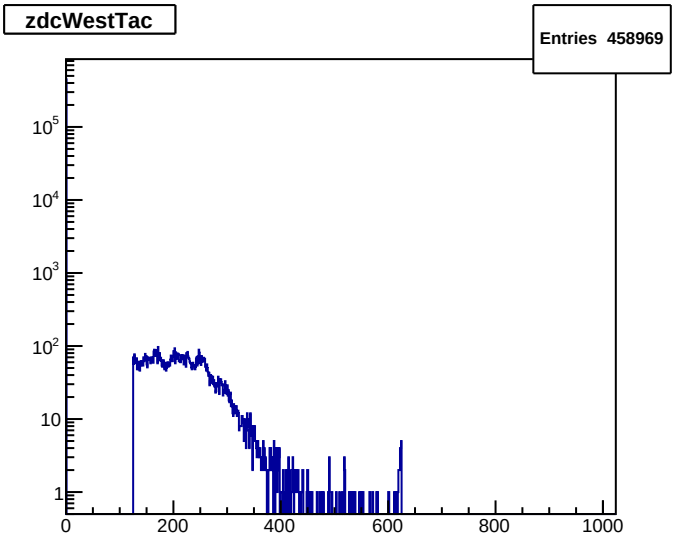

vpdWestAdcSumVsSimu
Entries 360725
Data
Simu

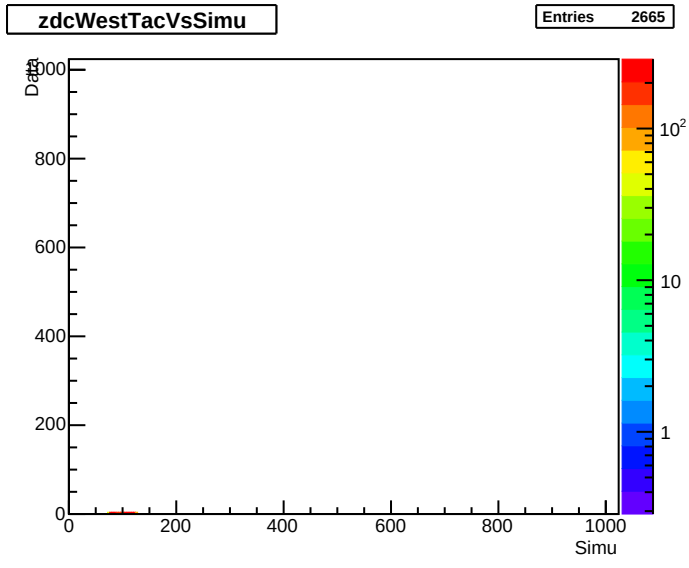

vpdWestTacMax
Entries 458969

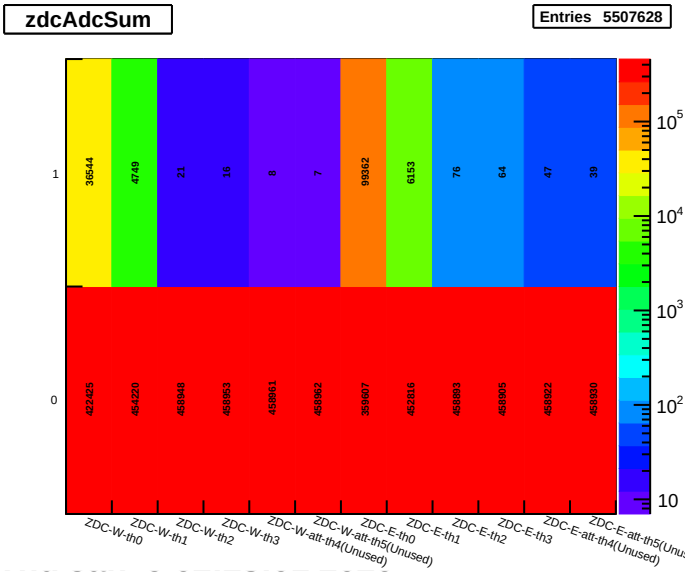

vpdWestTacMaxVsSimu
Entries 360725
Data
Simu

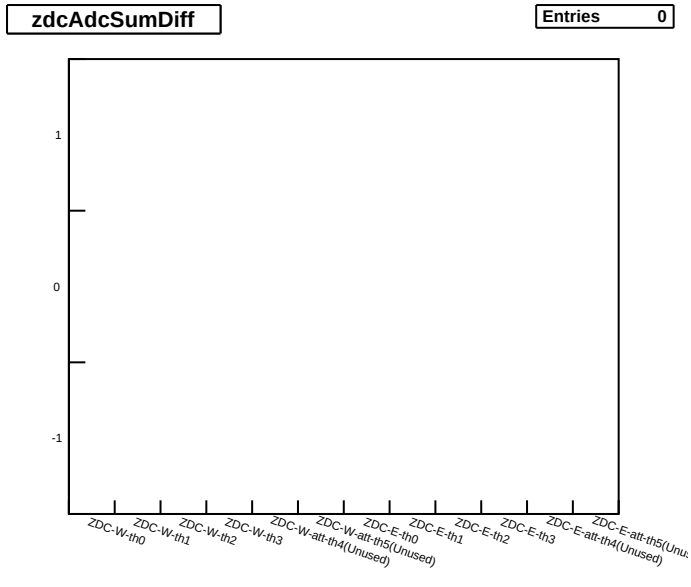

zdcEastTac
Entries 458969

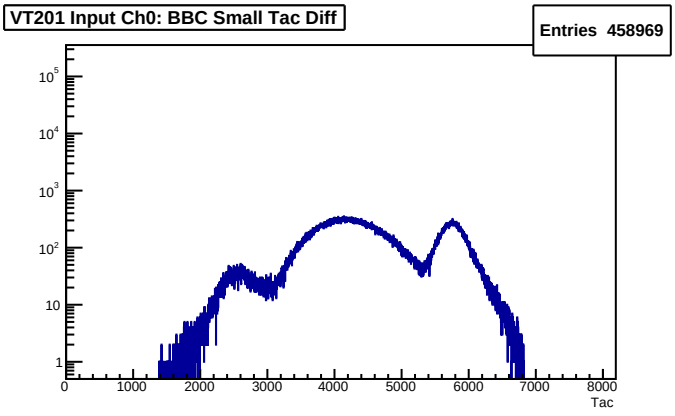

zdcEastTacVsSimu
Entries 1316
Data
Simu

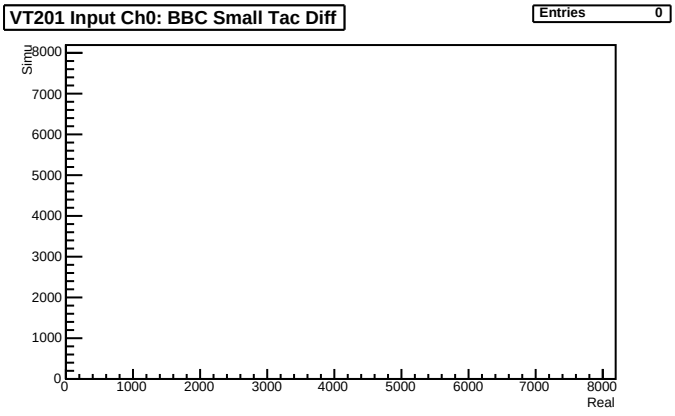

zdcWestTac
Entries 458969

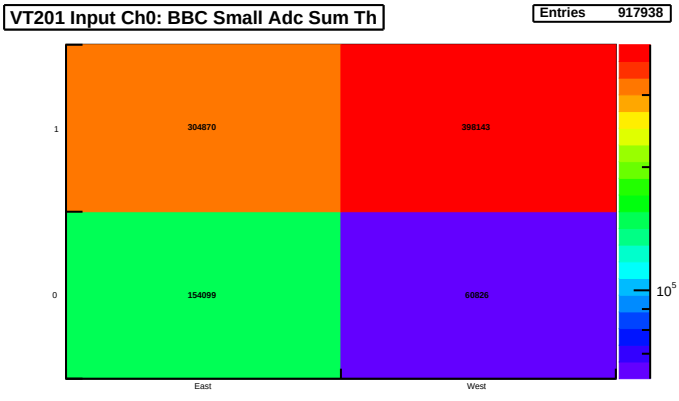

zdcWestTacVsSimu
Entries 2665
Data
Simu

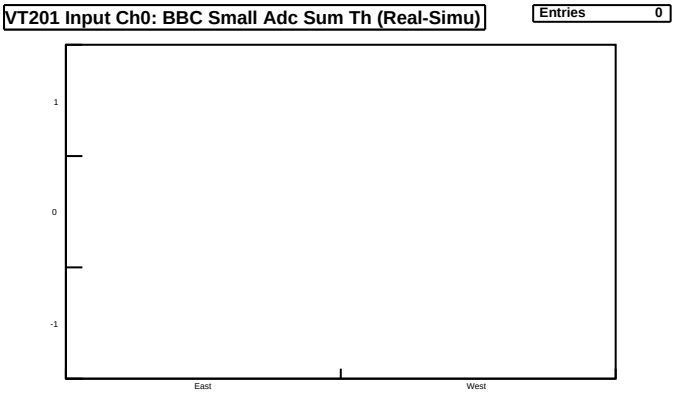

zdcAdcSum
Entries 5507628
36544
4749
21
16
8
7
99362
6153
76
64
47
39
422425
454220
458948
458953
458961
458962
359607
452816
458893
458905
458922
458930
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

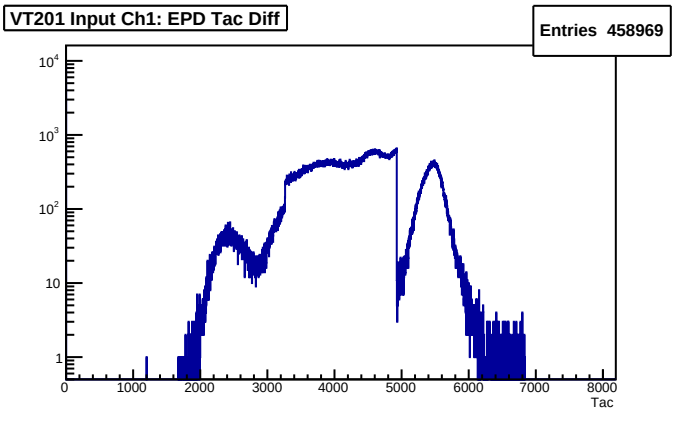

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

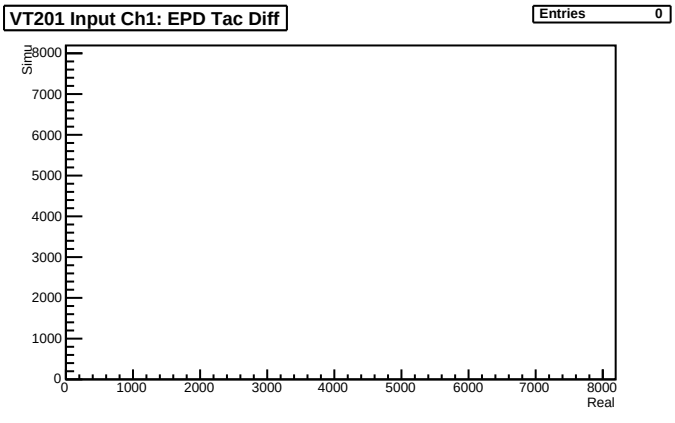

VT201 Input Ch0: BBC Small Tac Diff
Entries 458969
Tac

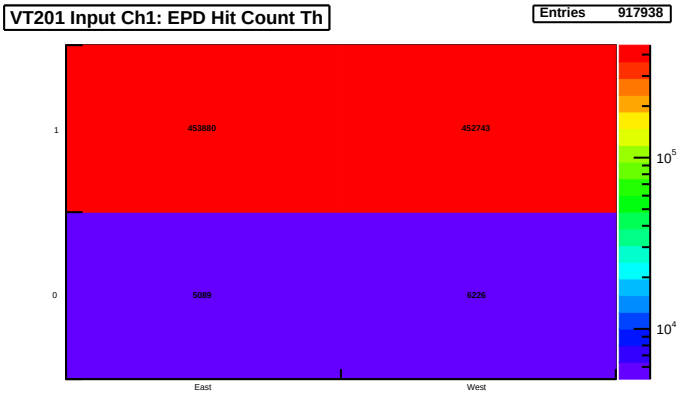

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

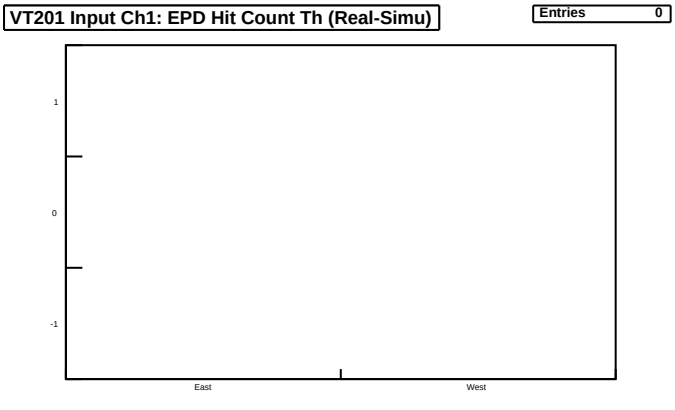

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 917938
304870
398143
154099
60826
East
West

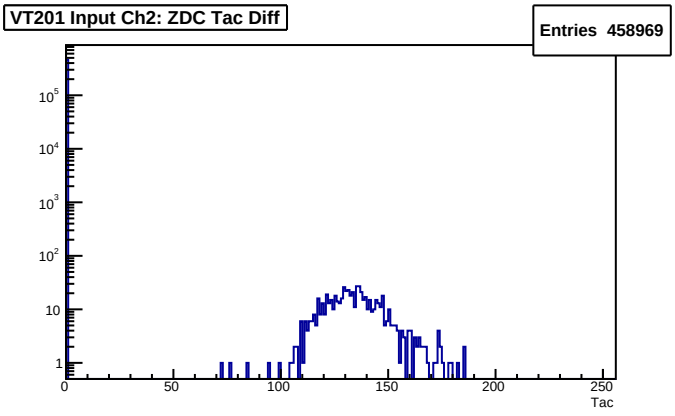

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

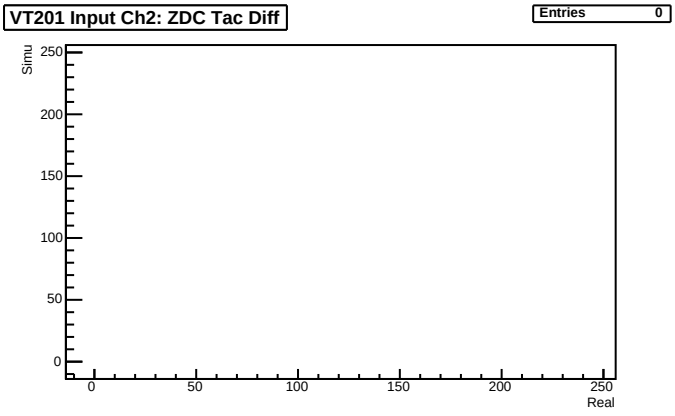

VT201 Input Ch1: EPD Tac Diff
Entries 458969
Tac

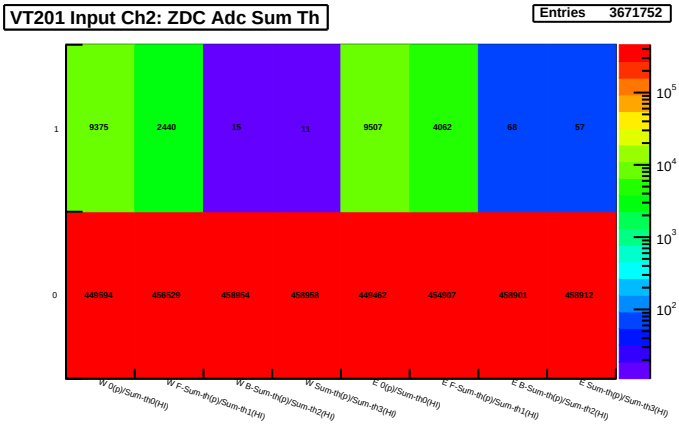

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

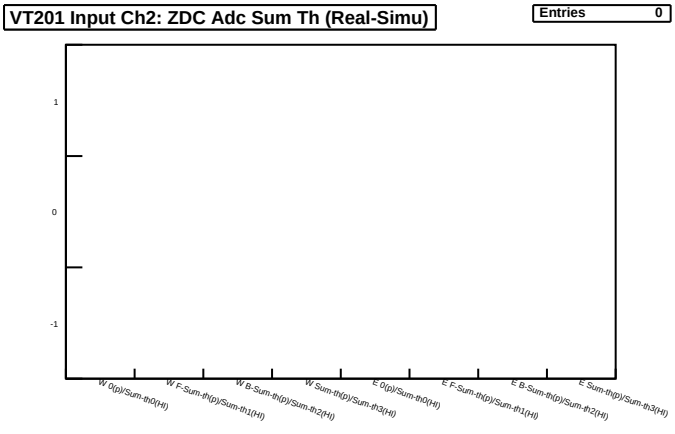

VT201 Input Ch1: EPD Hit Count Th
Entries 917938
453880
452743
5089
6226
East
West

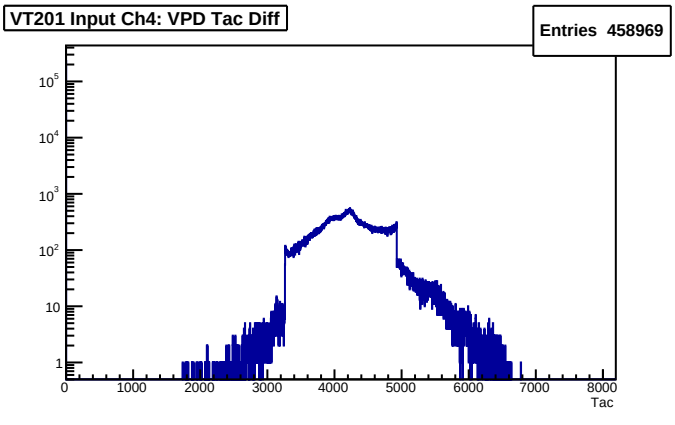

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

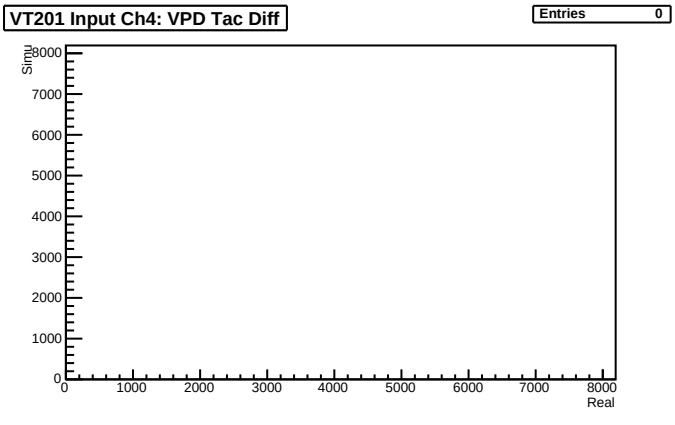

VT201 Input Ch2: ZDC Tac Diff
Entries 458969
Tac

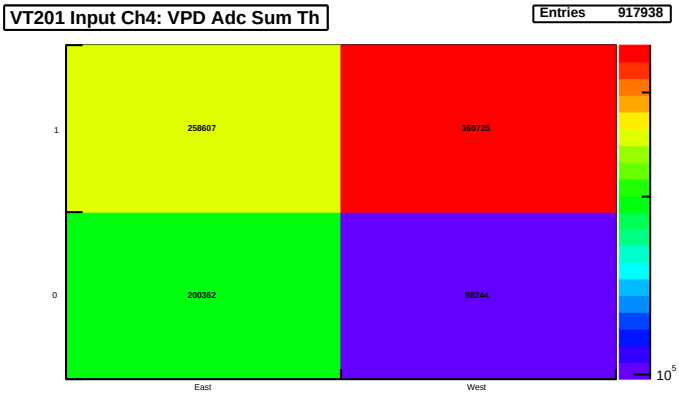

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

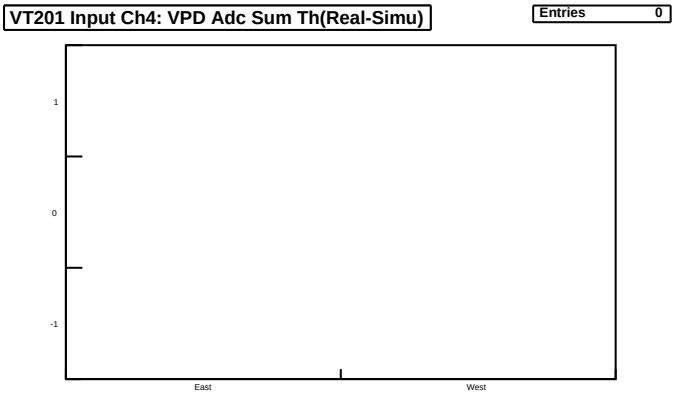

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3671752
9375
2440
15
11
9507
4062
68
57
449594
456529
458954
458958
449462
454907
458901
458912
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

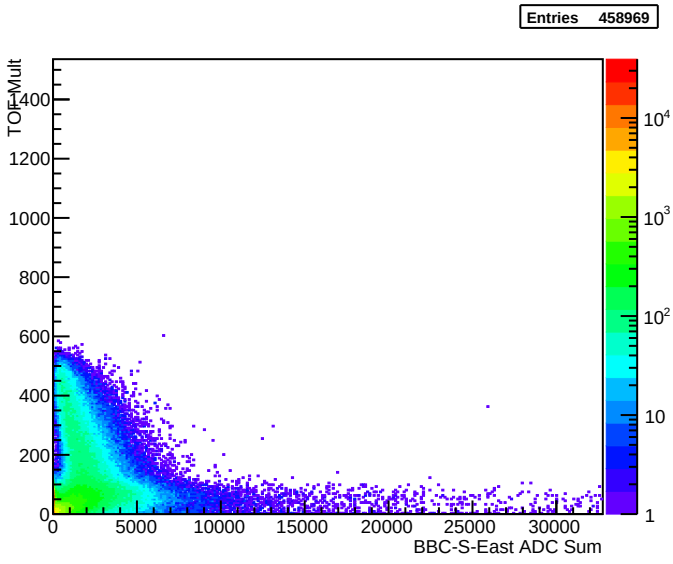

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

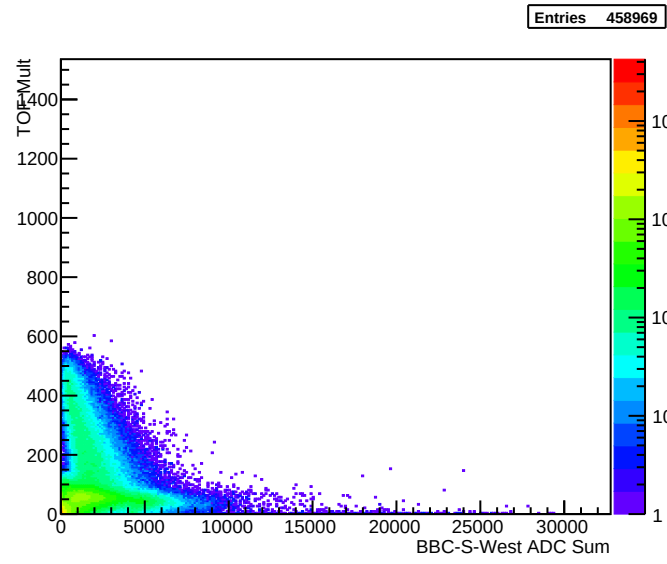

VT201 Input Ch4: VPD Tac Diff
Entries 458969
Tac

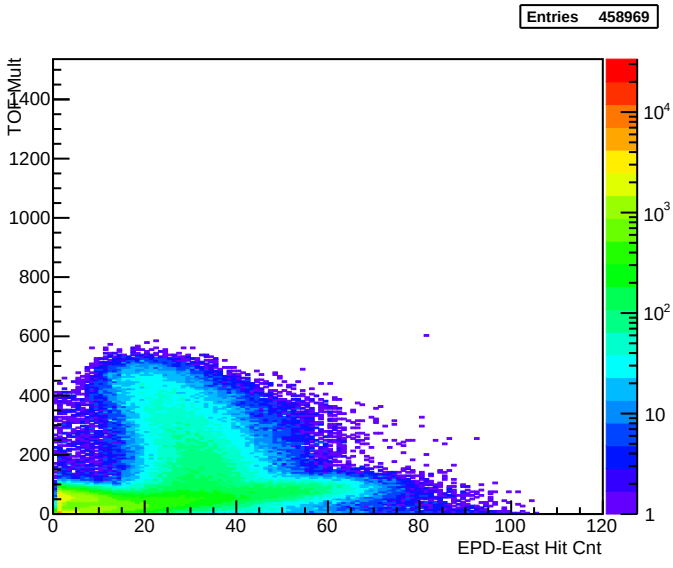

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

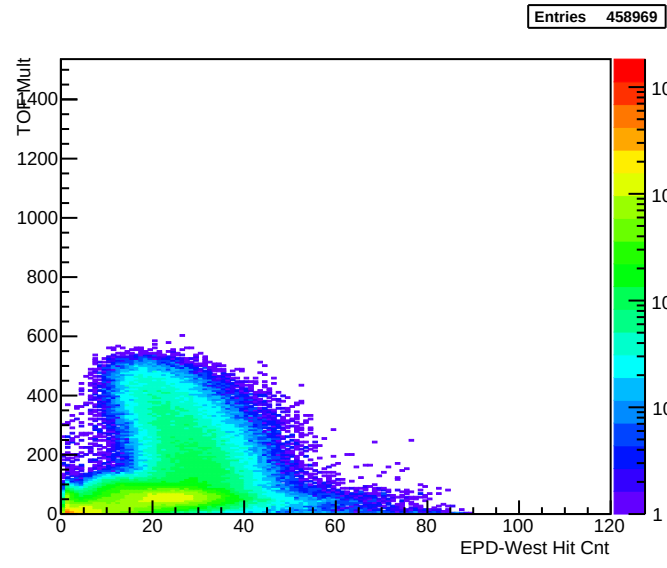

VT201 Input Ch4: VPD Adc Sum Th
Entries 917938
258607
360725
200362
98244
East
West

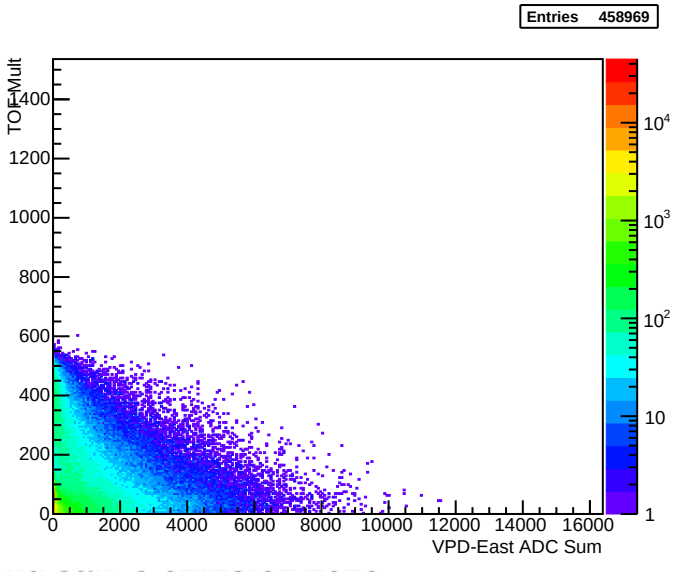

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

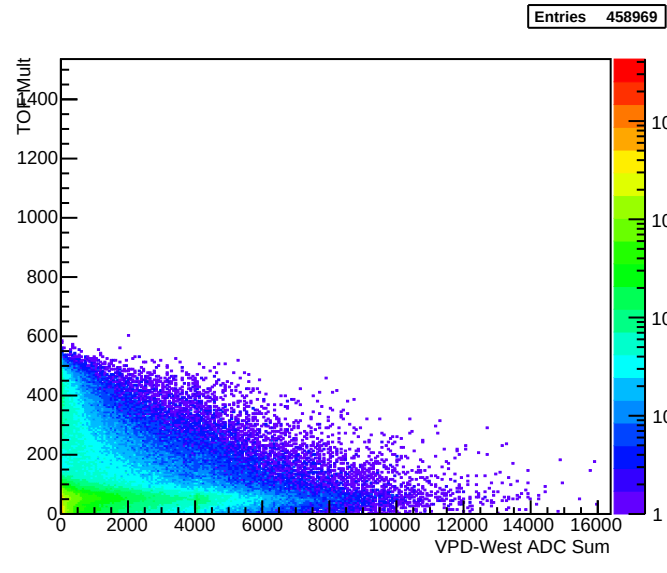

Entries 458969
TOF-Mult
BBC-S-East ADC Sum

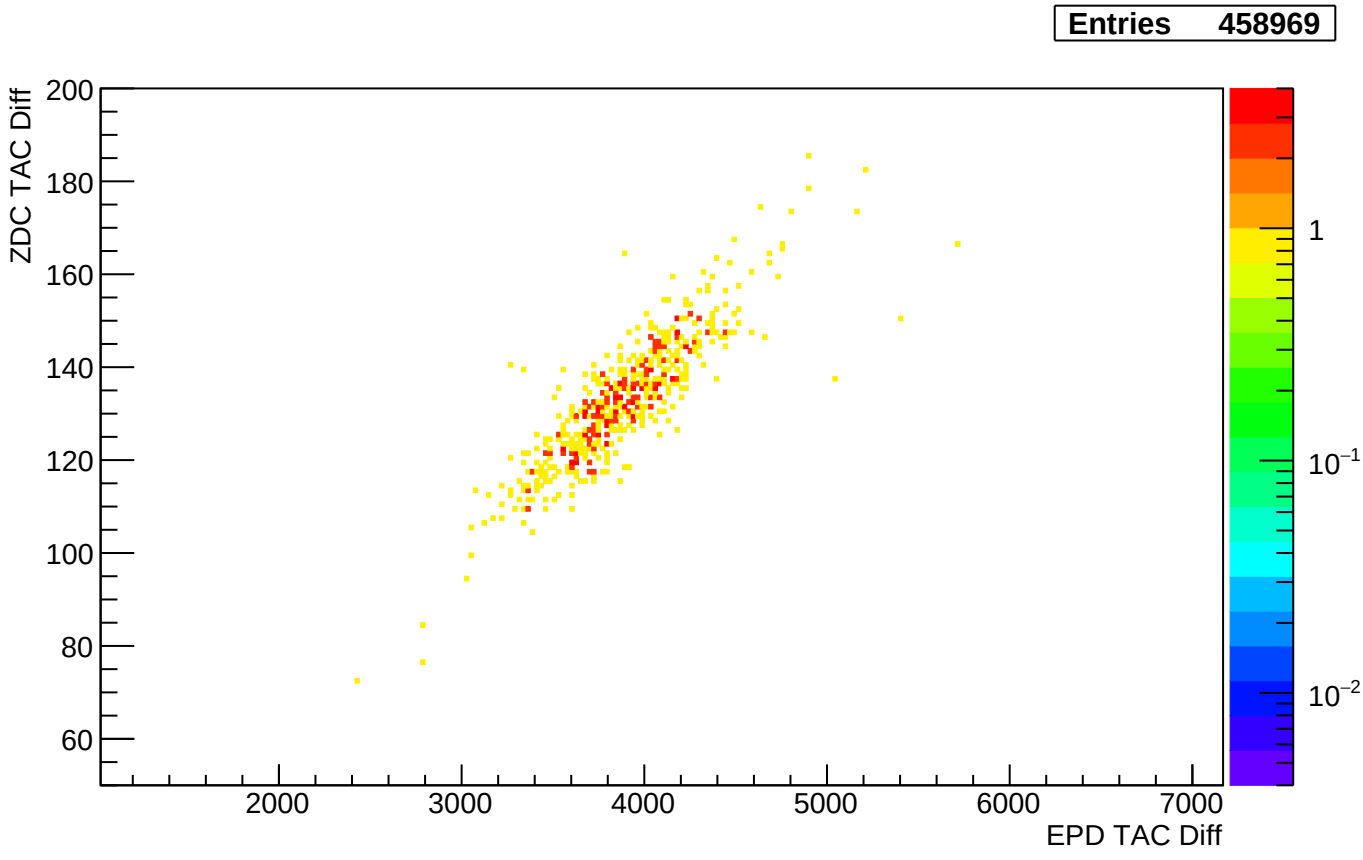

Entries 458969
TOF-Mult
BBC-S-West ADC Sum

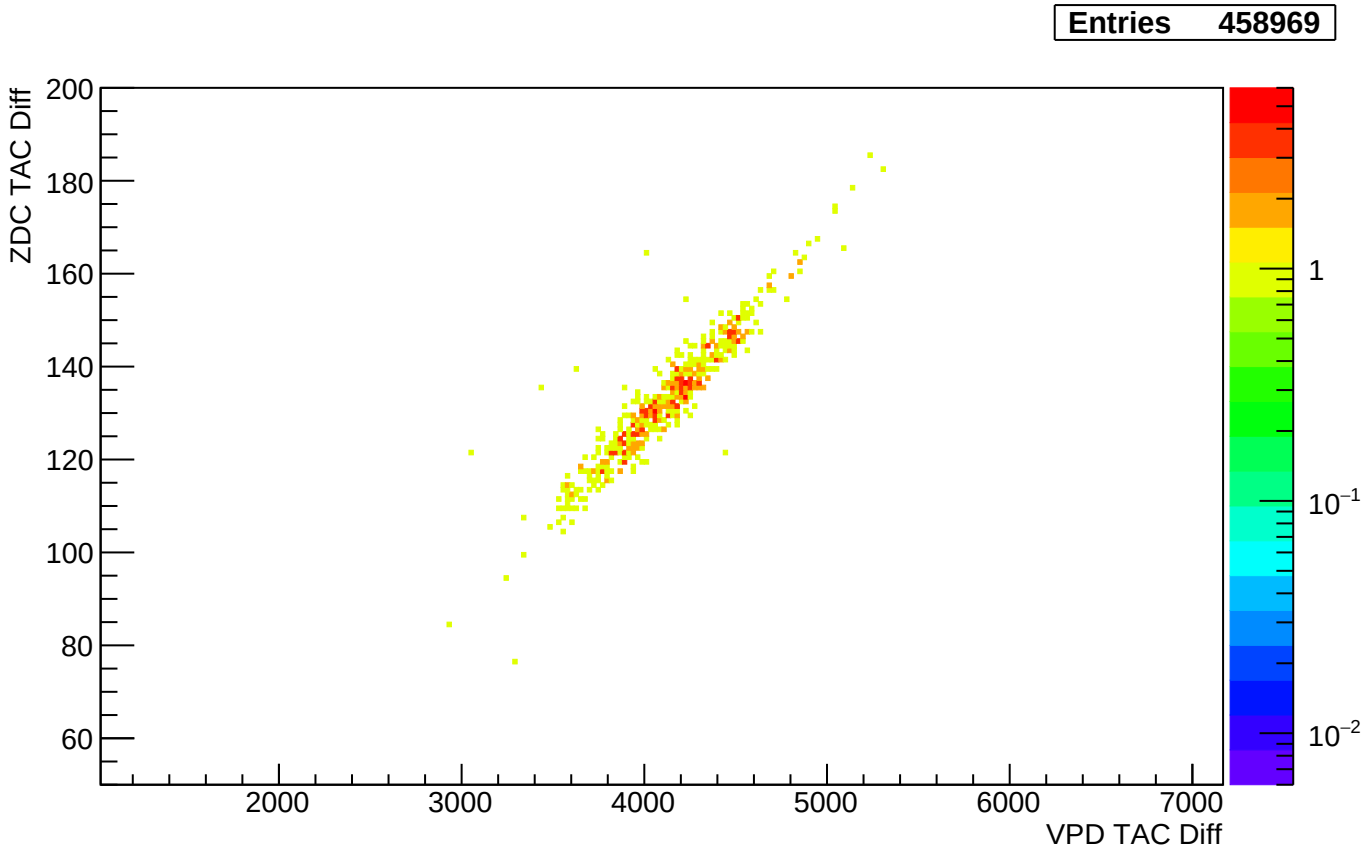

Entries 458969
TOF-Mult
EPD-East Hit Cnt

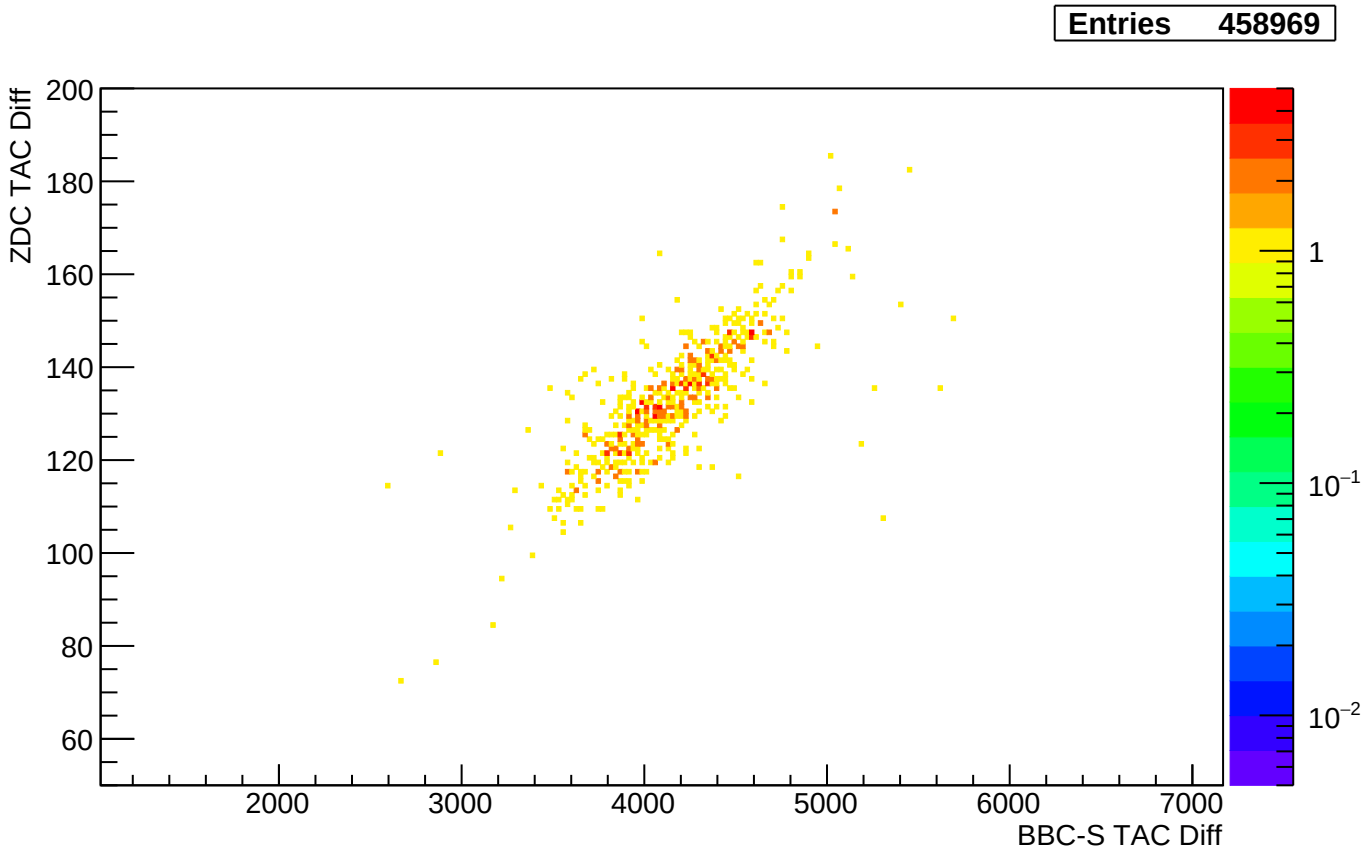

Entries 458969
TOF-Mult
EPD-West Hit Cnt

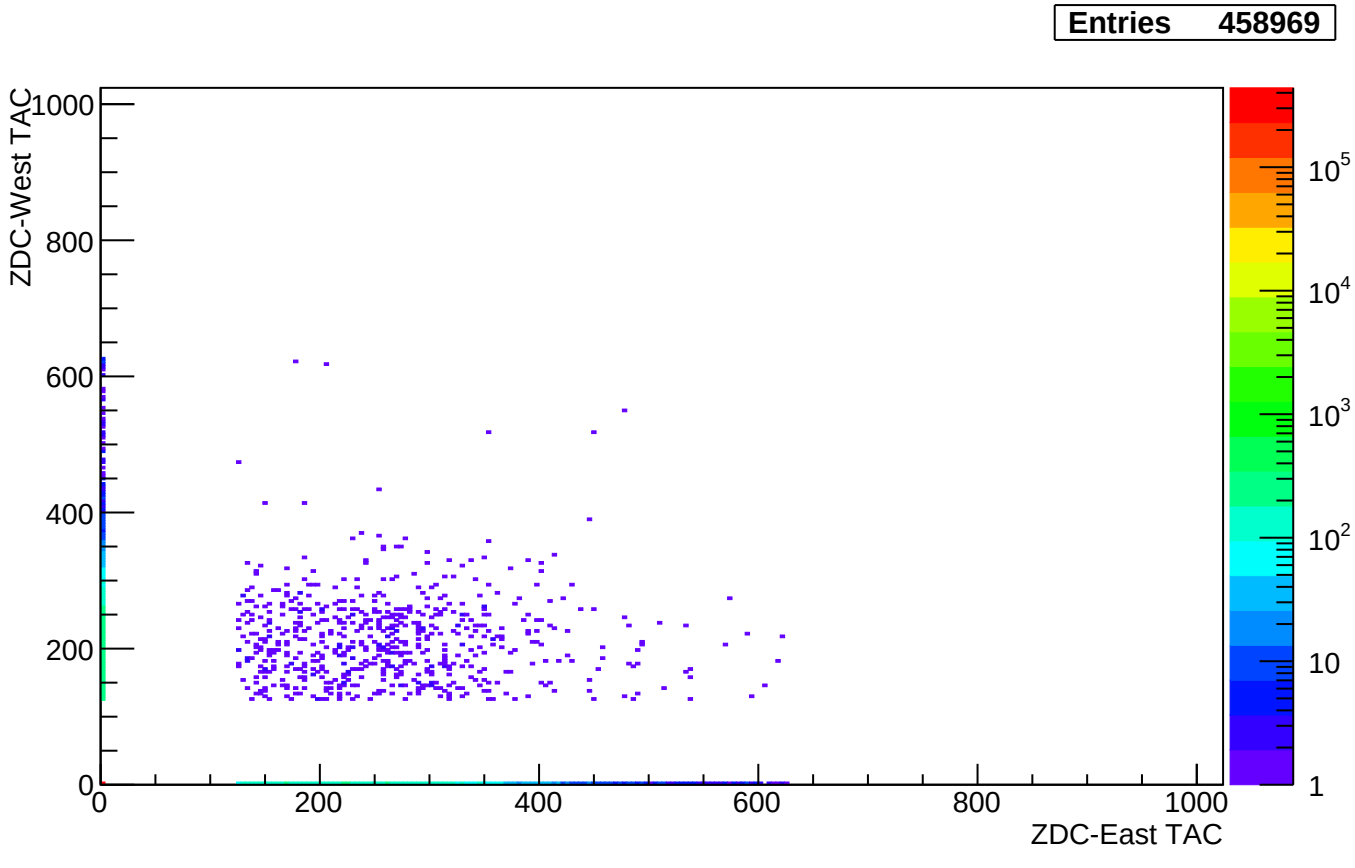

Entries 458969
TOF-Mult
VPD-East ADC Sum

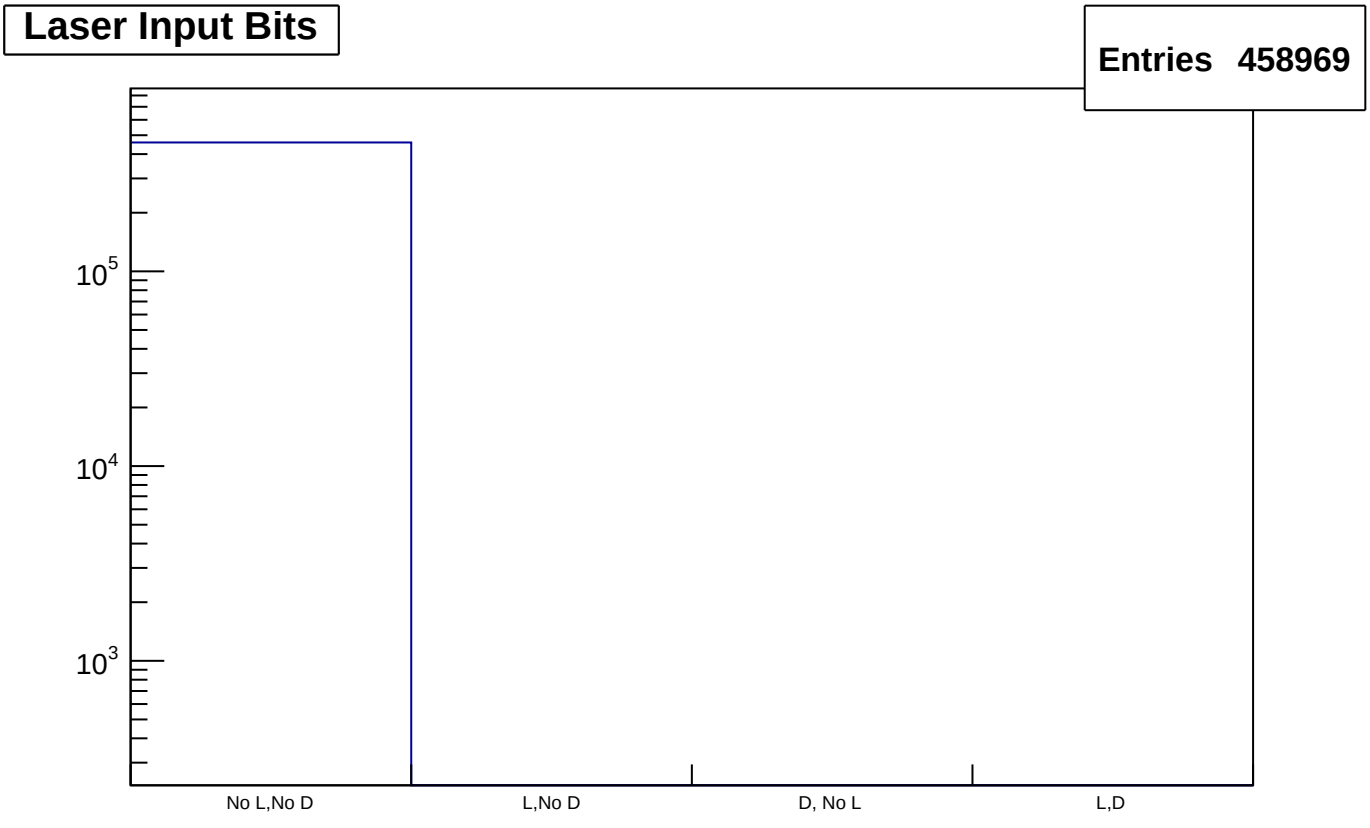

Entries 458969
TOF-Mult
VPD-West ADC Sum

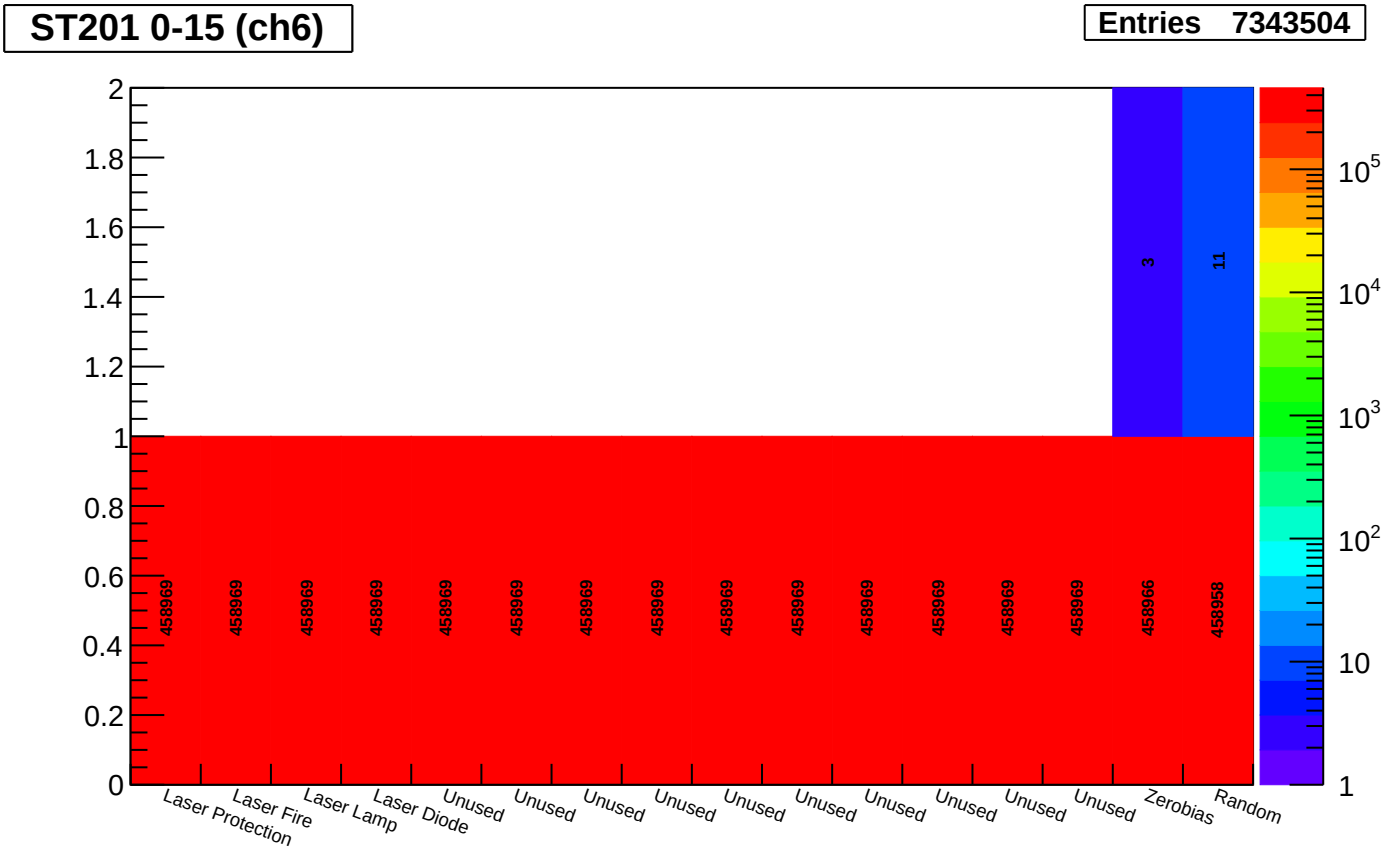

Entries 458969
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

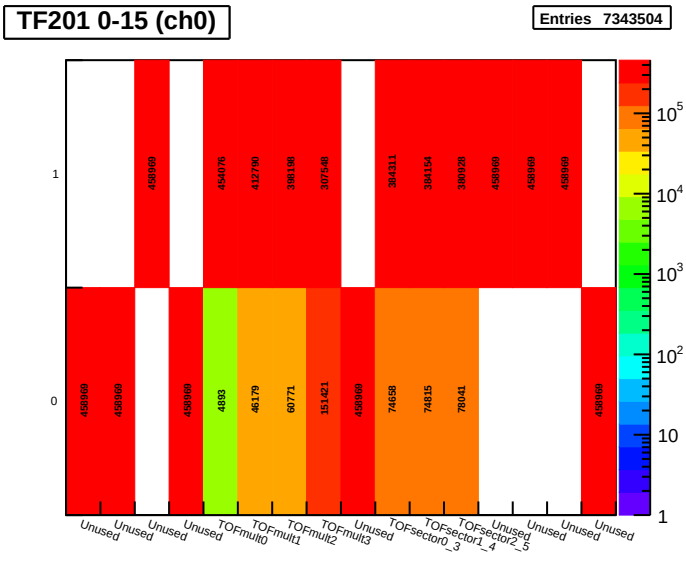

Entries 458969
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

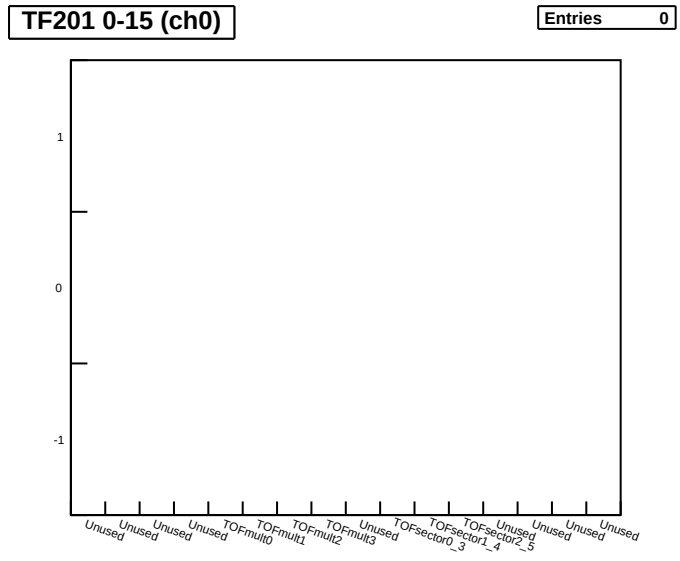

Entries 458969
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

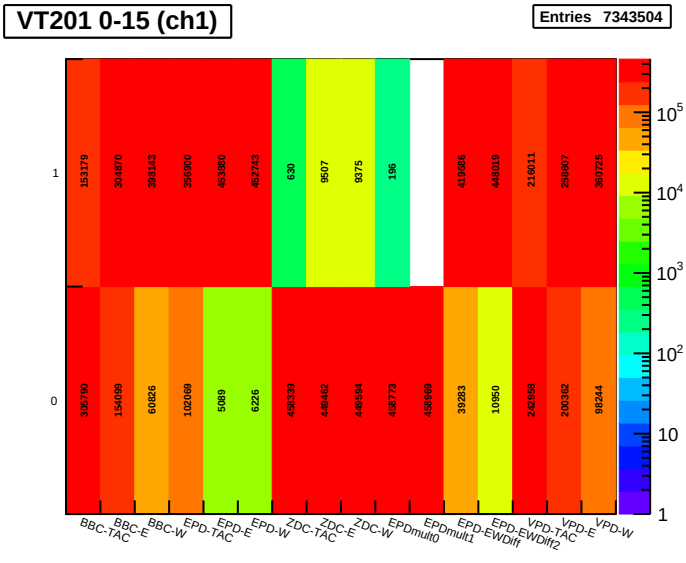

Entries 458969
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

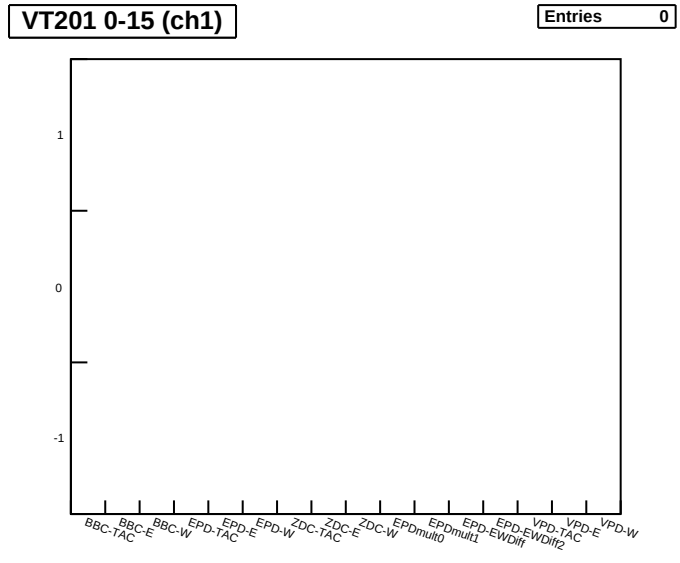

Laser Input Bits
Entries 458969
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

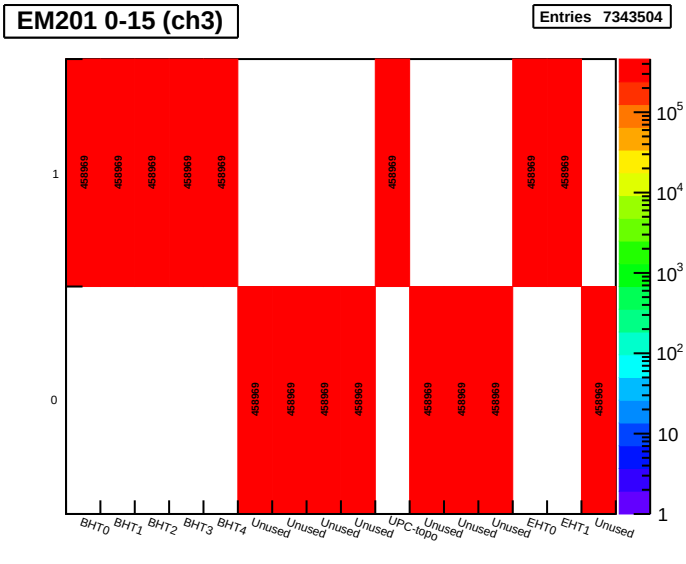

ST201 0-15 (ch6)
Entries 7343504
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
458969
458969
458969
458969
458969
458969
458969
458969
458969
458969
458969
458969
458969
458969
458966
458958
3
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

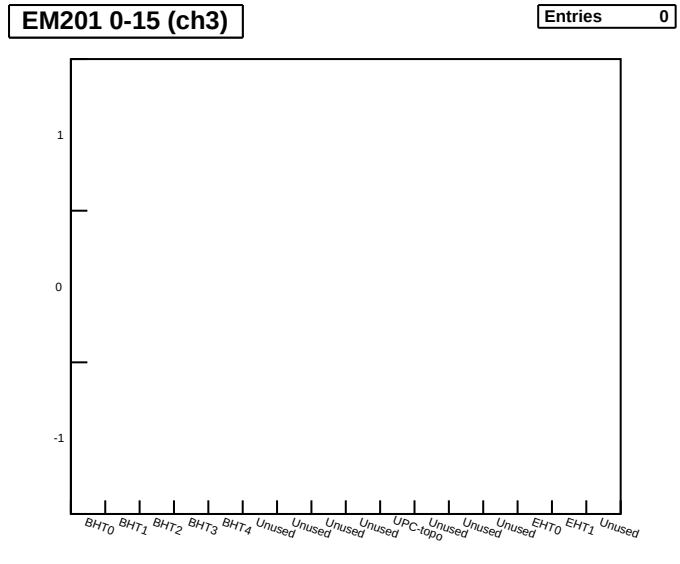

TF201 0-15 (ch0)
Entries 7343504
1
0
458969 458969 458969 4893 46179 60771 151421 458969 74658 74815 78041 458969
458969 454076 412790 388198 307548 384311 384154 380928 458969 458969 458969
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 7343504
1
0
153179 304870 398143 356900 453880 452743 630 9507 9375 196 419686 448019 216011 258607 360725
305790 154099 60826 102069 5689 6226 458339 449462 449594 458773 458969 39283 10950 242958 200362 98244
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 7343504
1
0
458969 458969 458969 458969 458969 458969 458969 458969 458969 458969 458969 458969
458969 458969 458969 458969 458969 458969 458969 458969
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