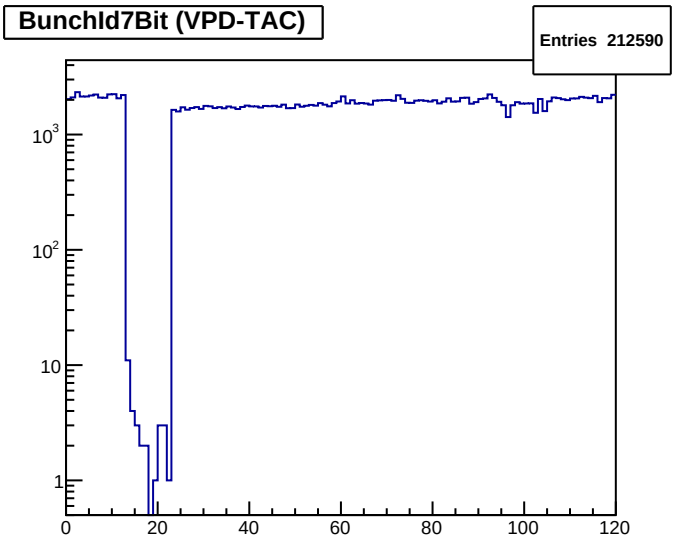
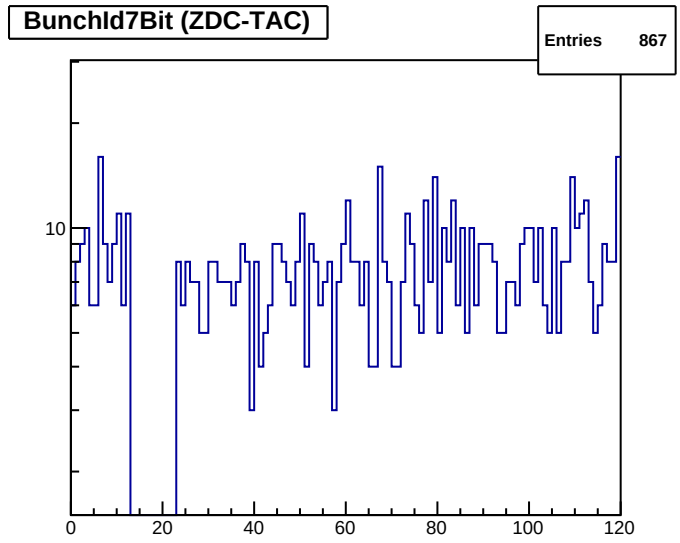
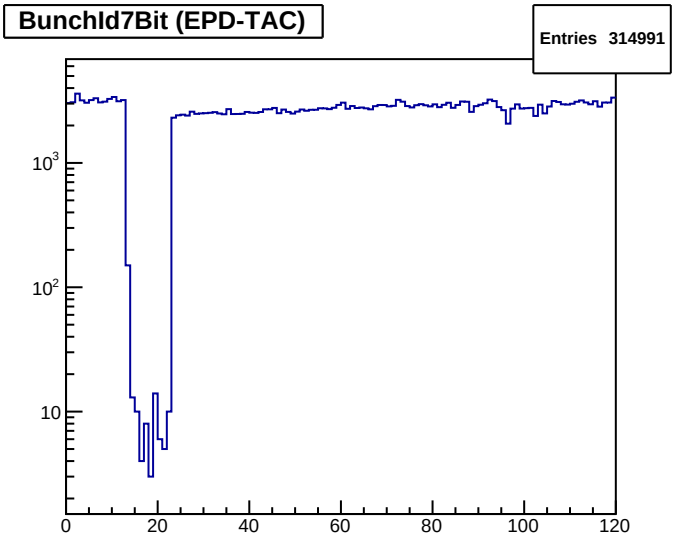
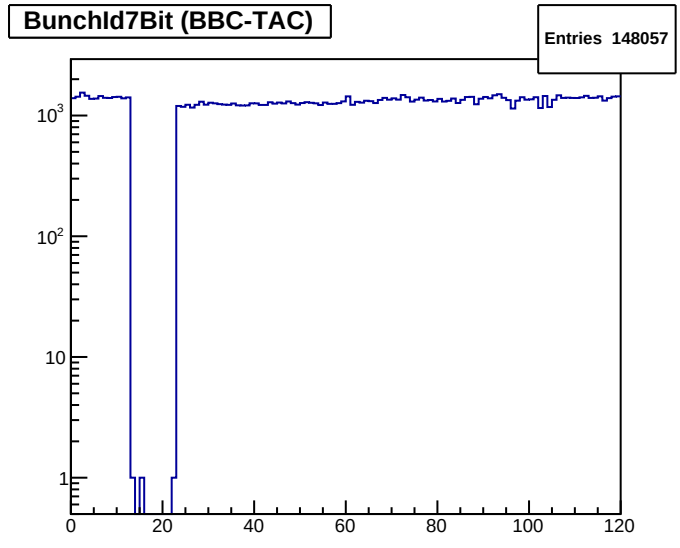
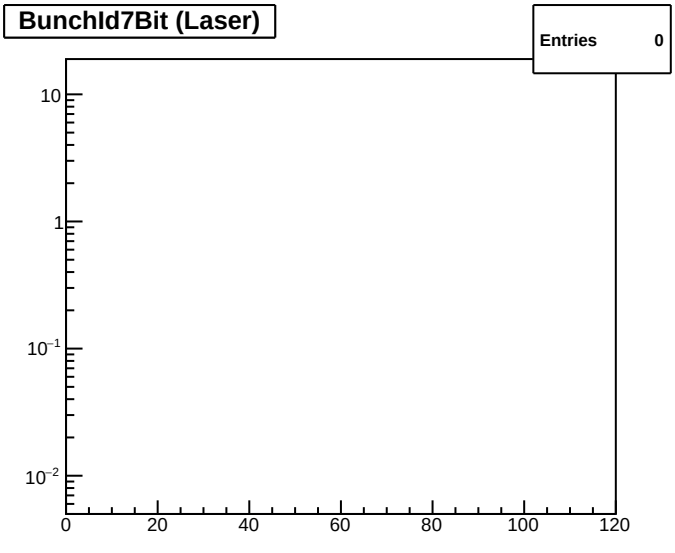
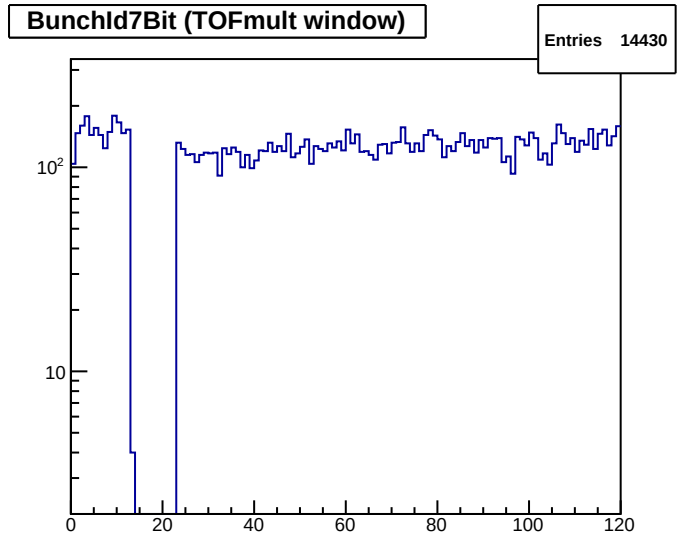

BunchId7Bit (VPD-TAC)
Entries 212590

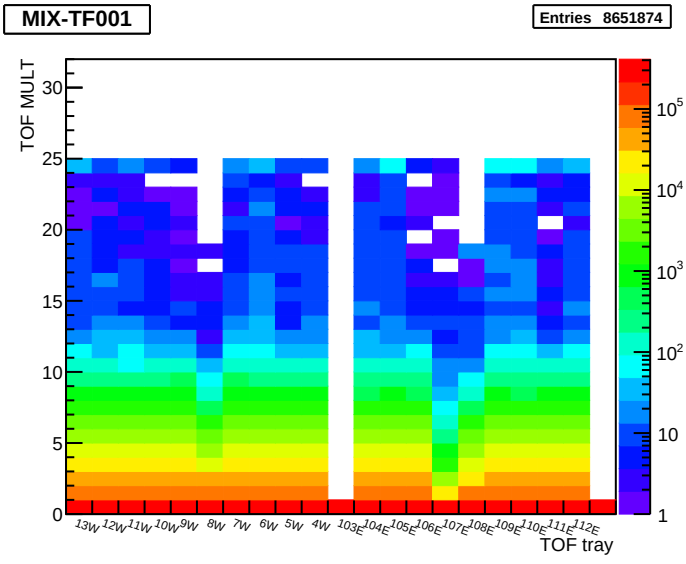

BunchId7Bit (ZDC-TAC)
Entries 867

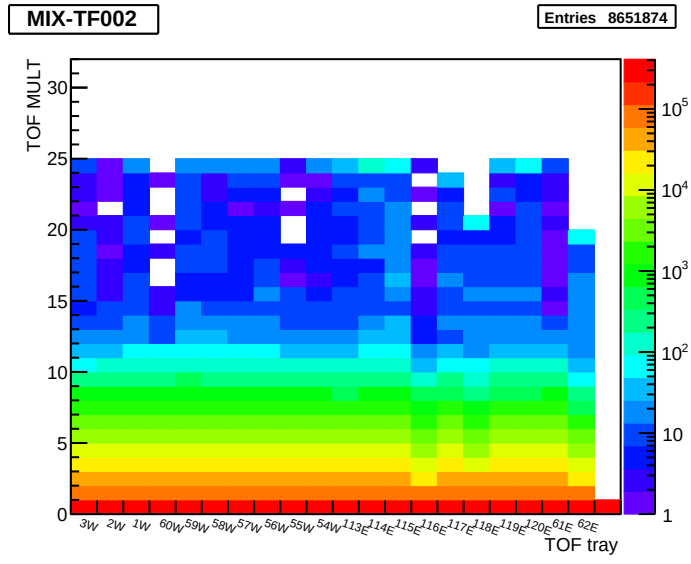

BunchId7Bit (EPD-TAC)
Entries 314991

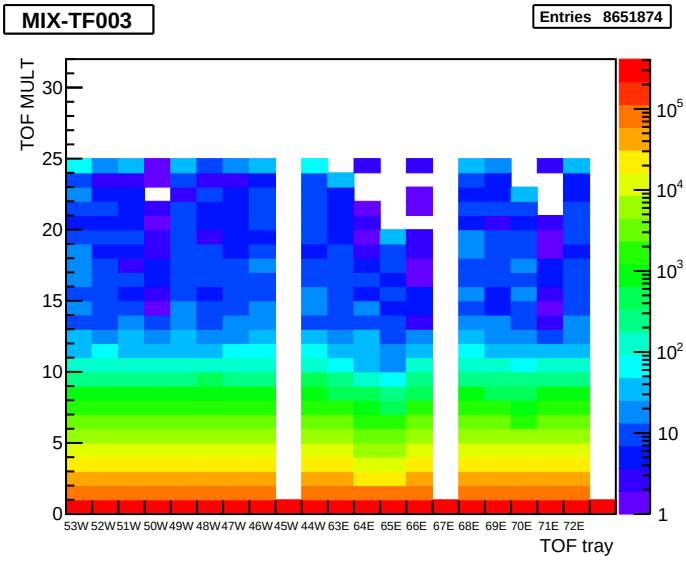

BunchId7Bit (BBC-TAC)
Entries 148057

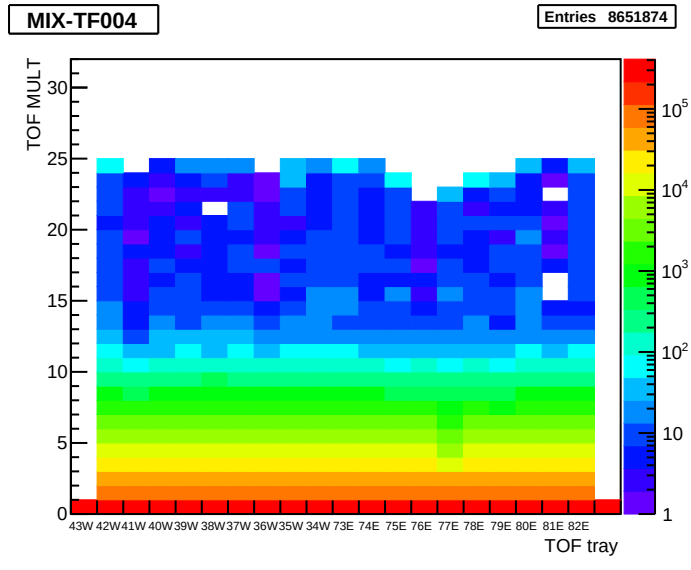

BunchId7Bit (Laser)
Entries 0

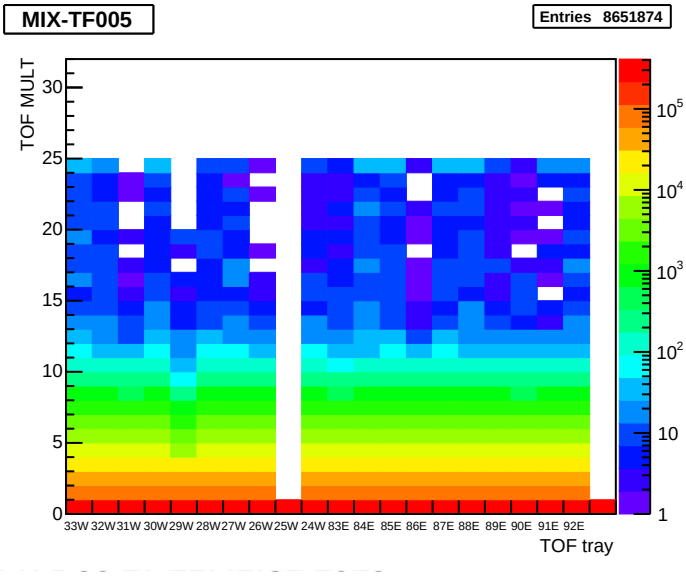

BunchId7Bit (TOFmult window)
Entries 14430

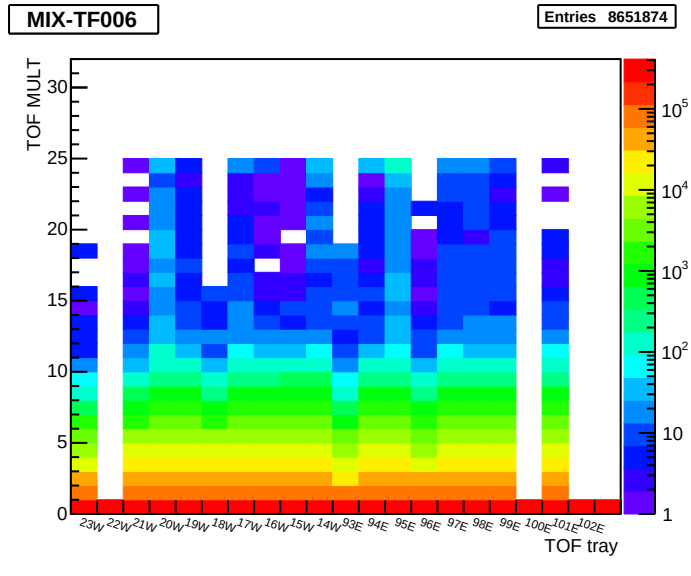

MIX-TF001
Entries 8651874
TOF MULT
TOF tray

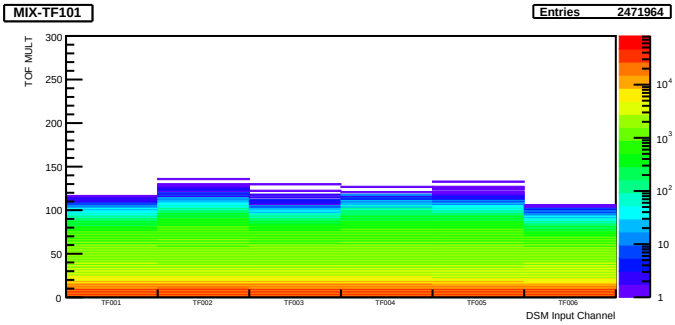

MIX-TF002
Entries 8651874
TOF MULT
TOF tray

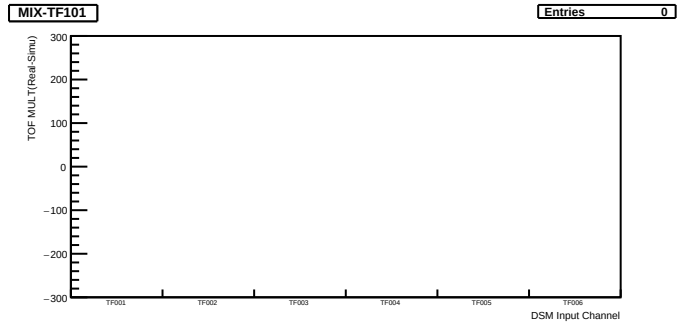

MIX-TF003
Entries 8651874
TOF MULT
TOF tray

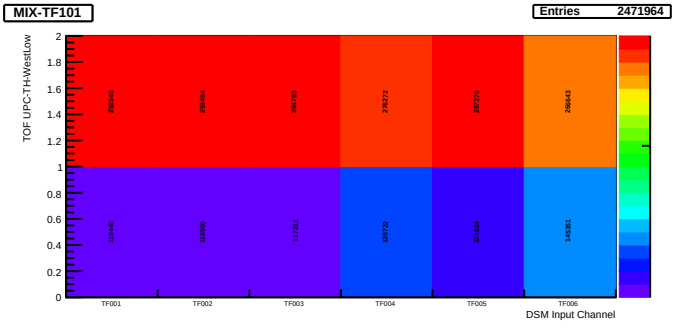

MIX-TF004
Entries 8651874
TOF MULT
TOF tray

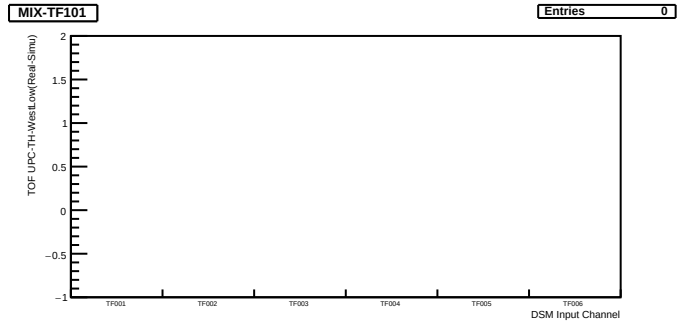

MIX-TF005
Entries 8651874
TOF MULT
TOF tray

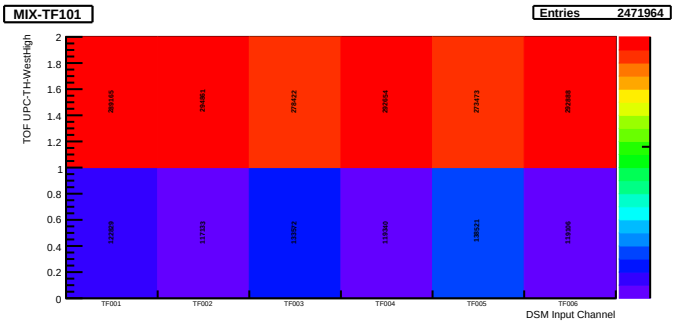

MIX-TF006
Entries 8651874
TOF MULT
TOF tray

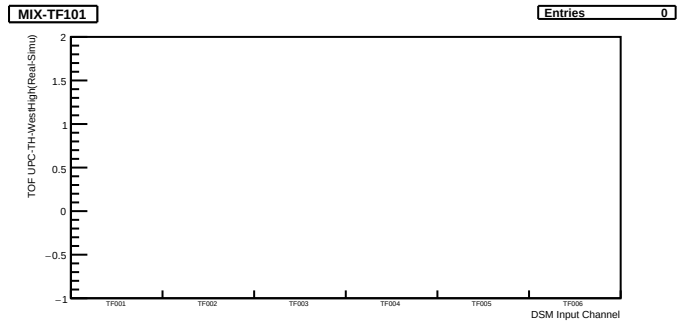

MIX-TF101
Entries 2471964
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

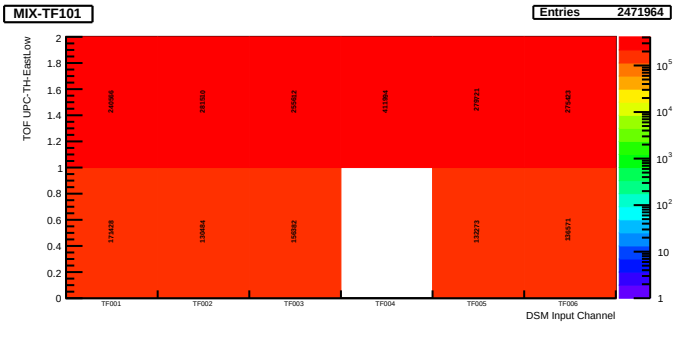

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

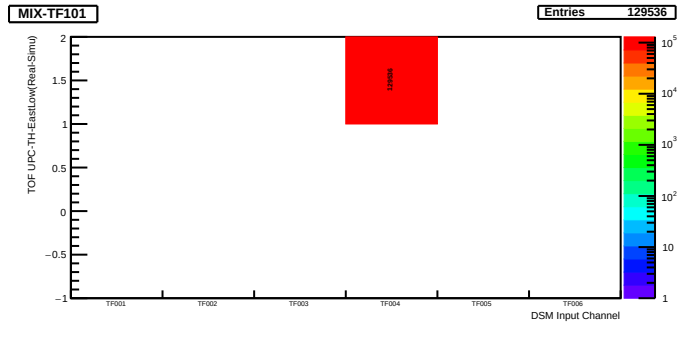

MIX-TF101
Entries 2471964
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

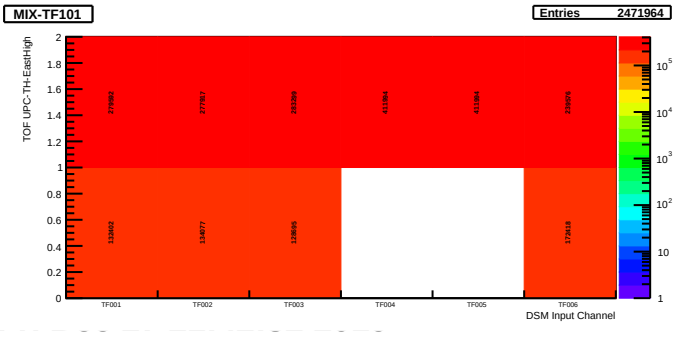

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

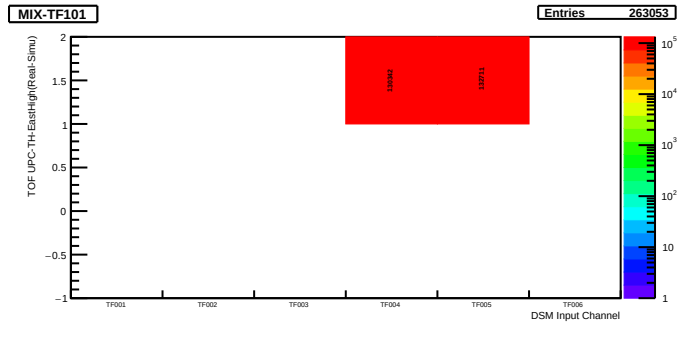

MIX-TF101
Entries 2471964
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

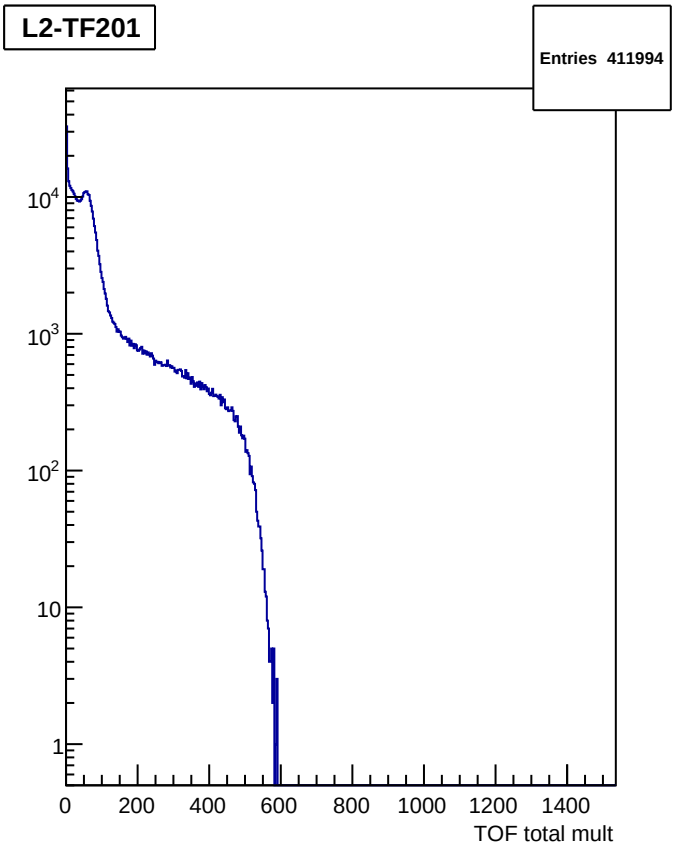

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

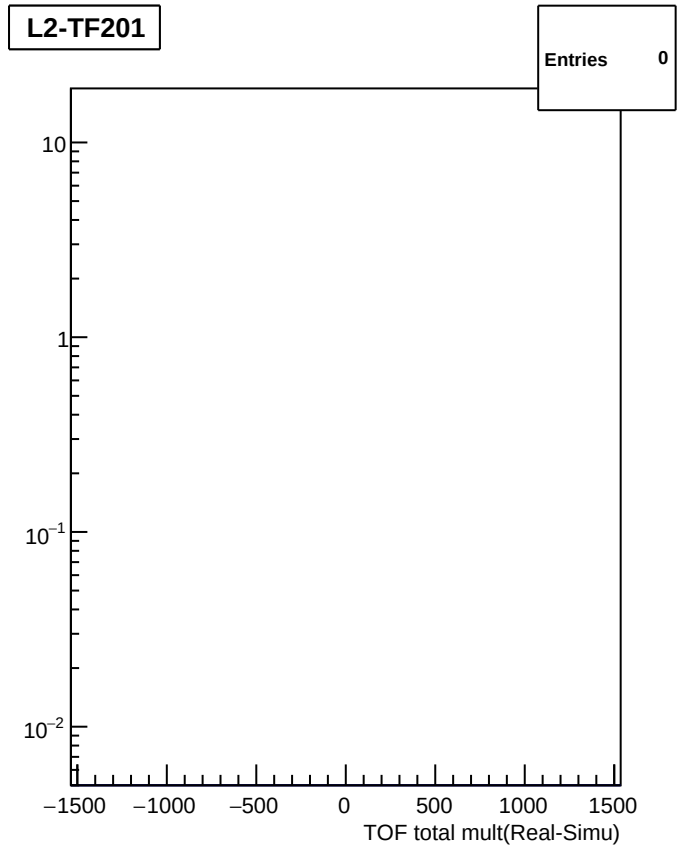

MIX-TF101
Entries 2471964
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

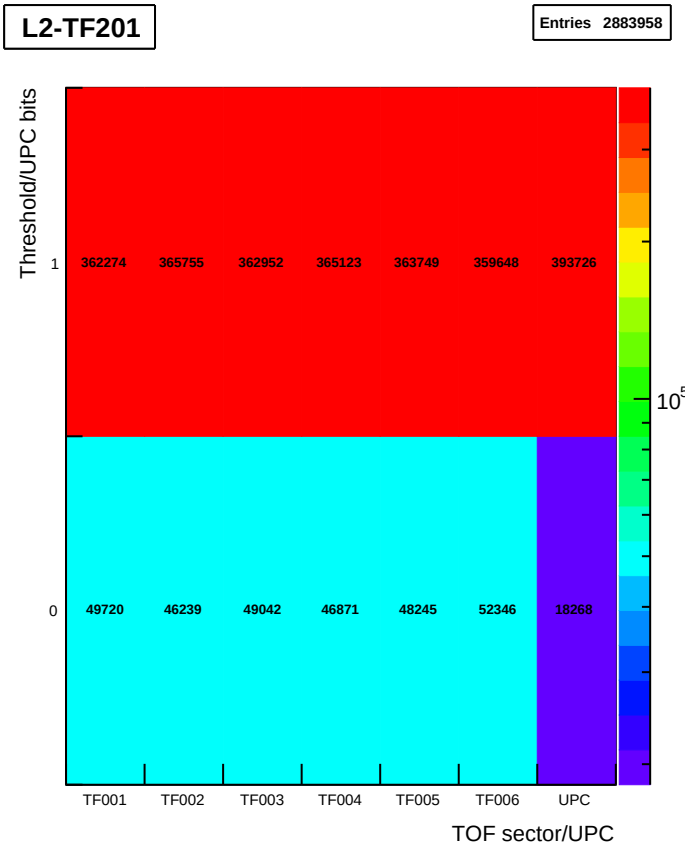

MIX-TF101
Entries 129536
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

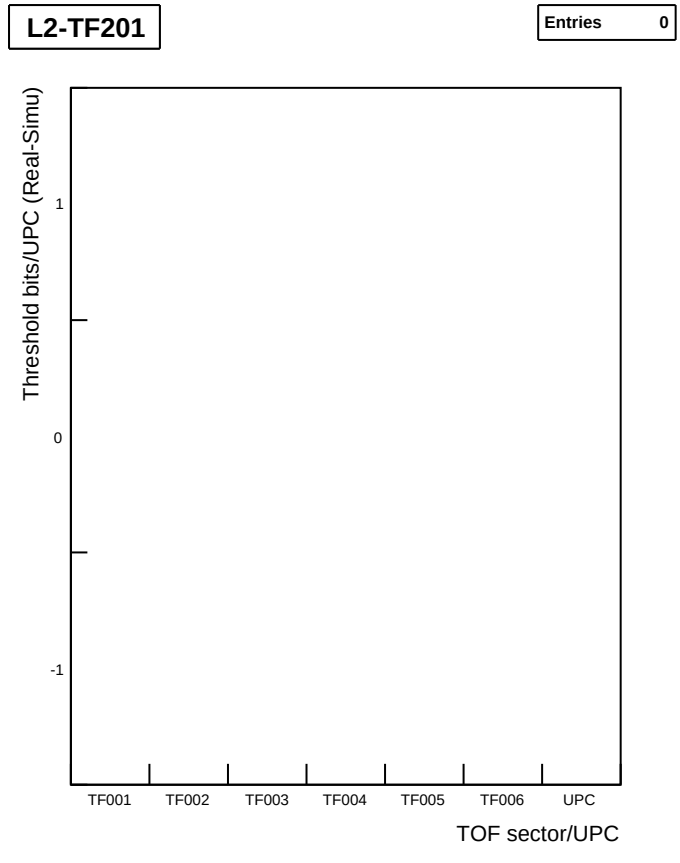

MIX-TF101
Entries 2471964
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

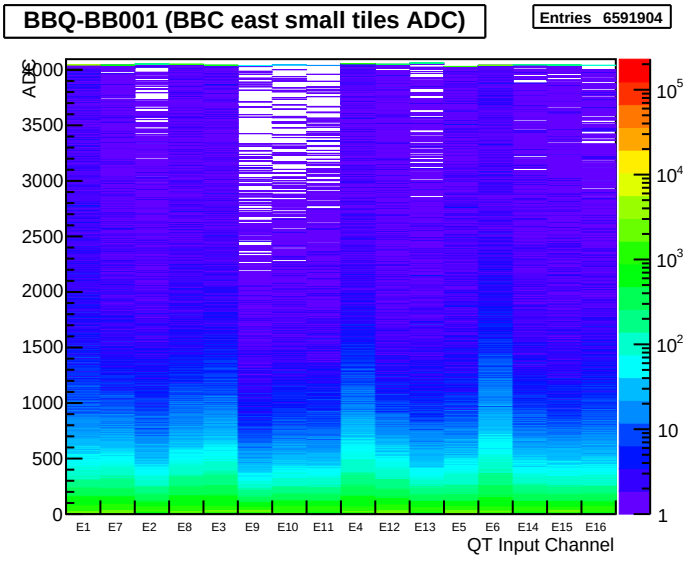

MIX-TF101
Entries 263053
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

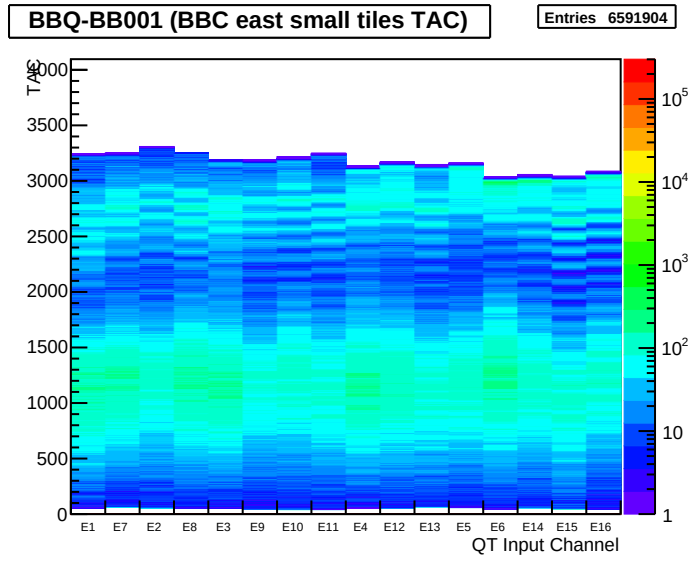

L2-TF201
Entries 411994
TOF total mult

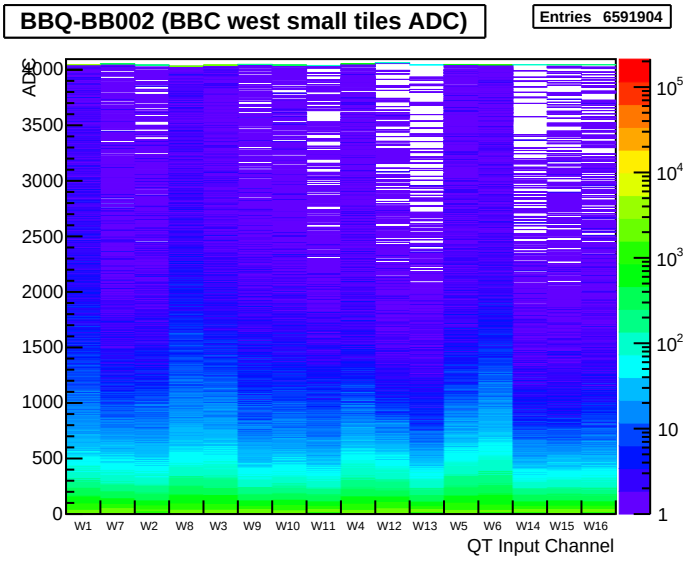

L2-TF201
Entries 0
TOF total mult(Real-Simu)

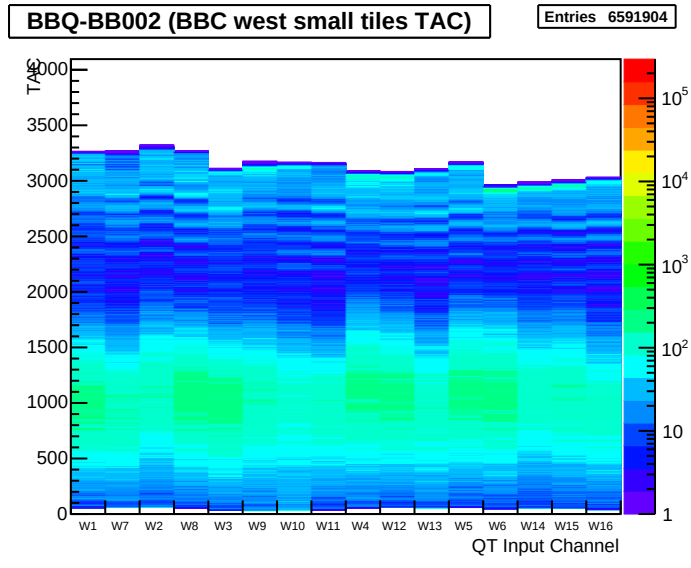

L2-TF201
Entries 2883958
Threshold/UPC bits
362274 365755 362952 365123 363749 359648 393726
49720 46239 49042 46871 48245 52346 18268
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

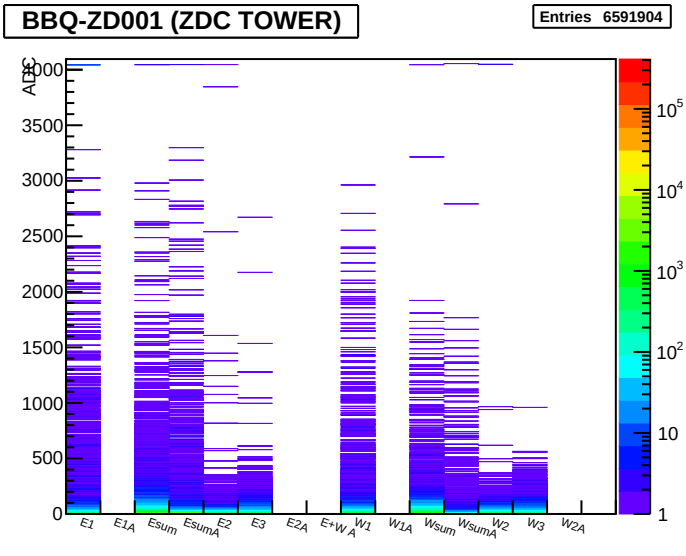

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

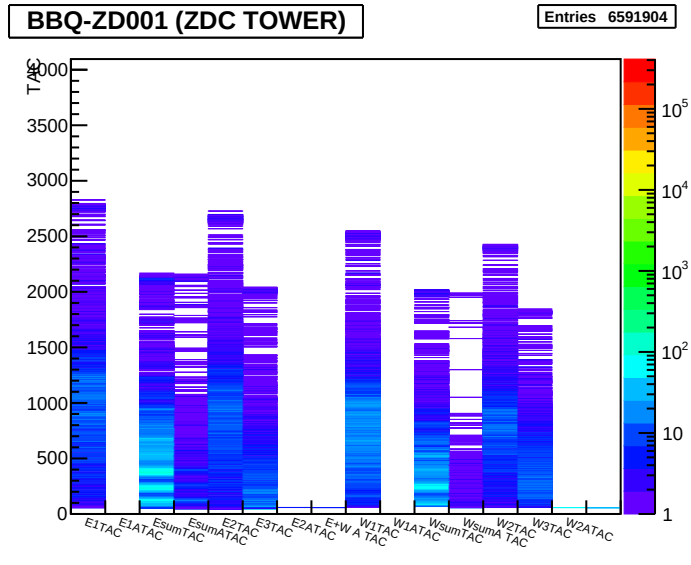

BBQ-BB001 (BBC east small tiles ADC)
Entries 6591904
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

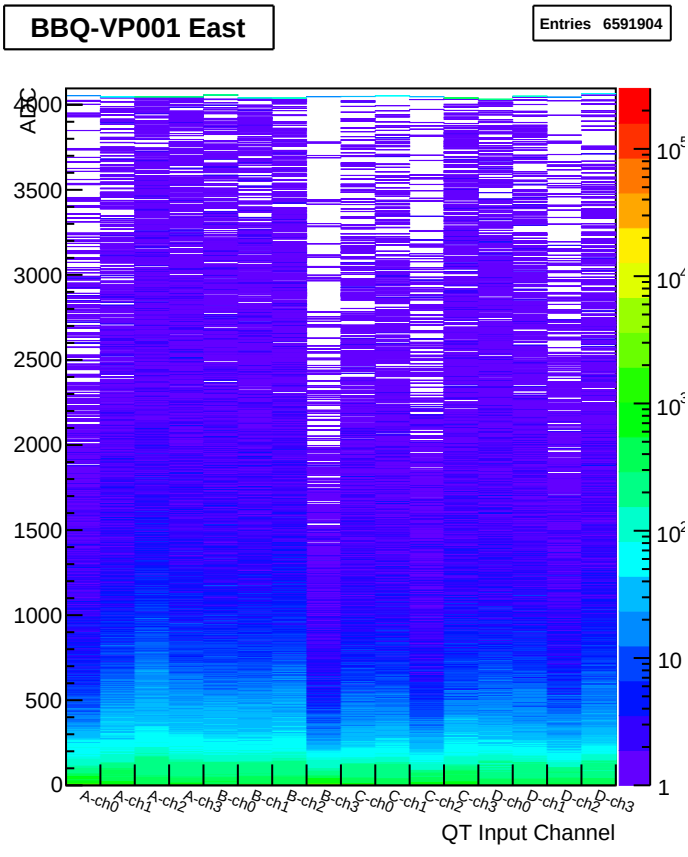

BBQ-BB001 (BBC east small tiles TAC)
Entries 6591904
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

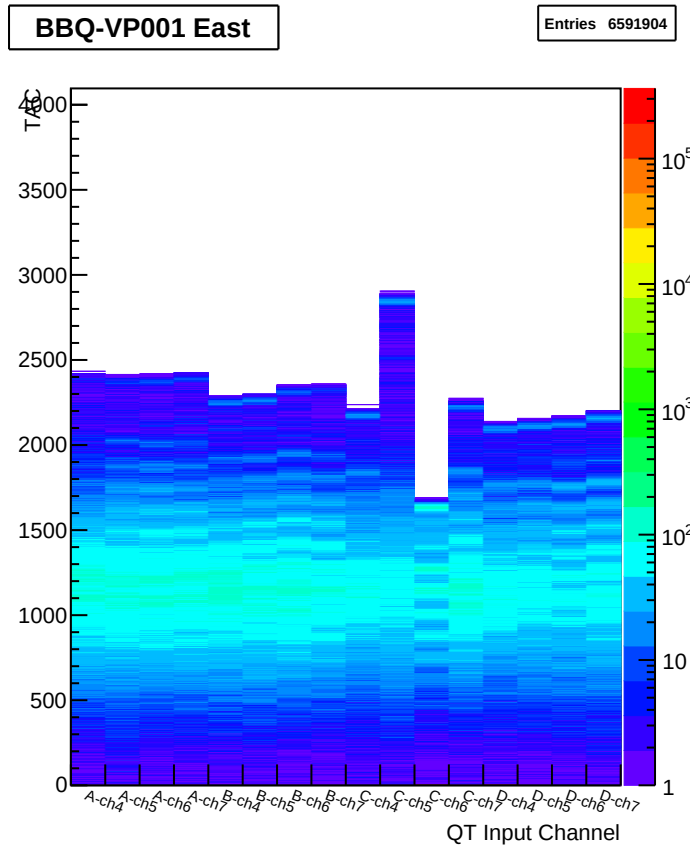

BBQ-BB002 (BBC west small tiles ADC)
Entries 6591904
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

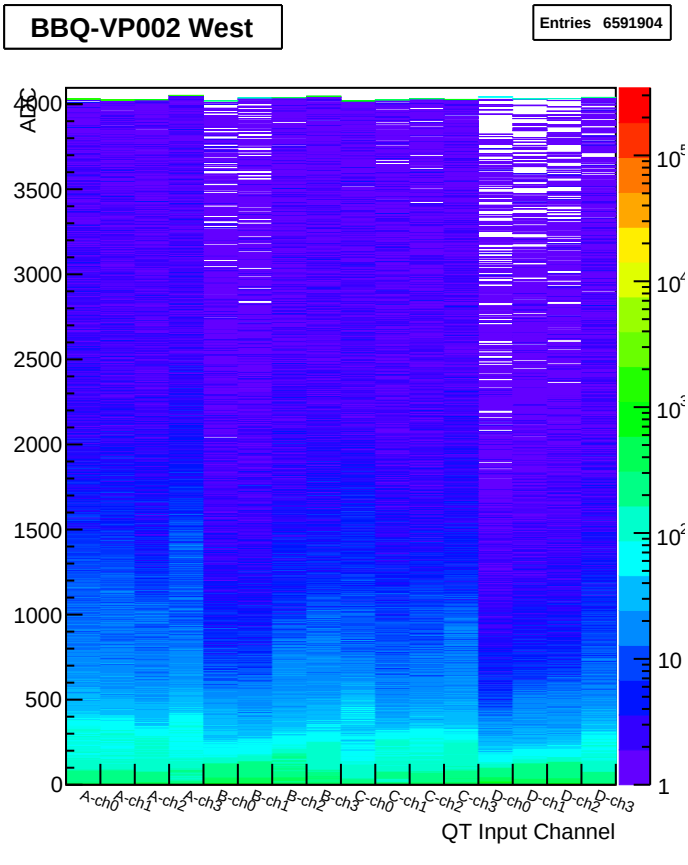

BBQ-BB002 (BBC west small tiles TAC)
Entries 6591904
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

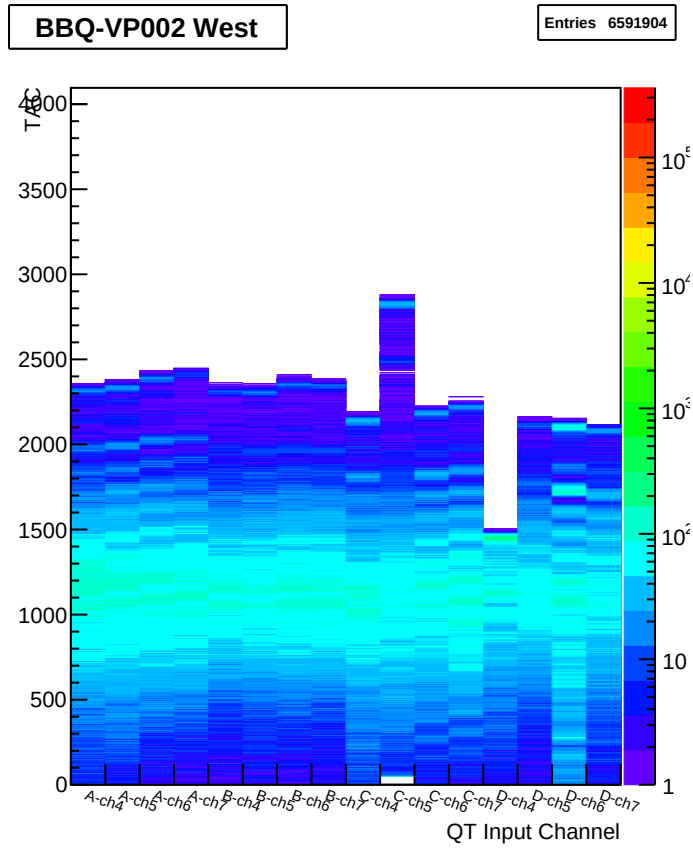

BBQ-ZD001 (ZDC TOWER)
Entries 6591904
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

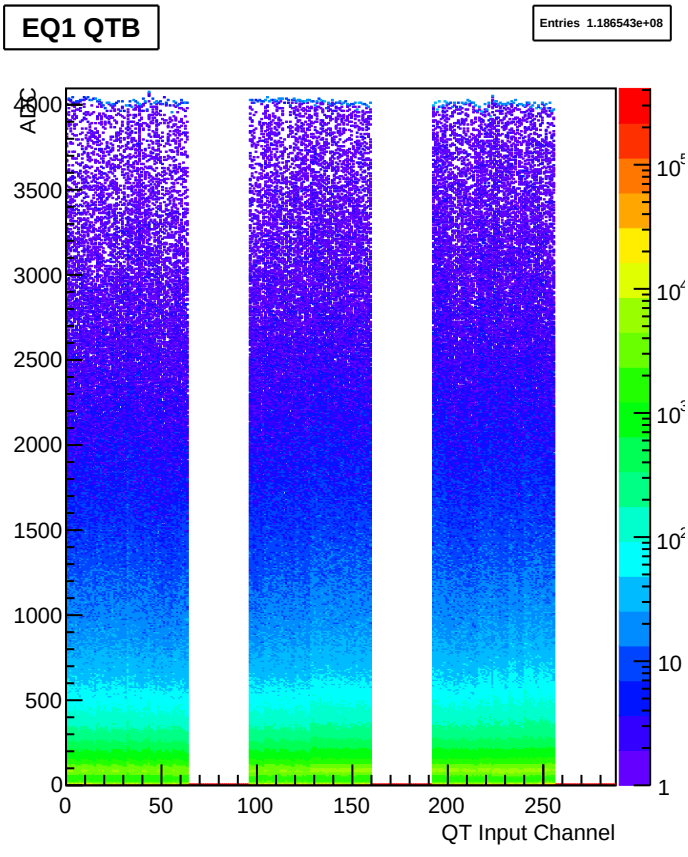

BBQ-ZD001 (ZDC TOWER)
Entries 6591904
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

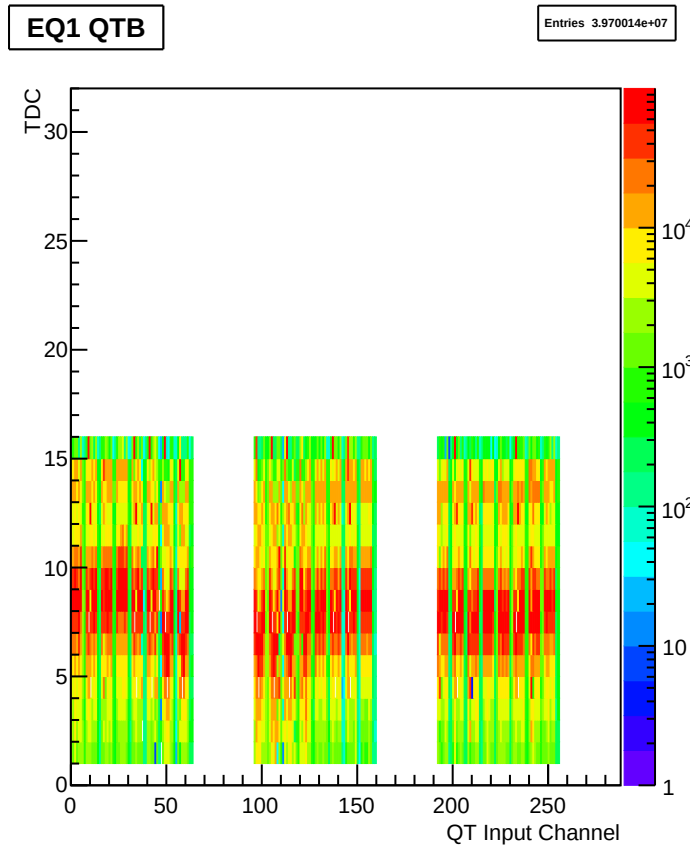

BBQ-VP001 East
Entries 6591904
ADC
QT Input Channel

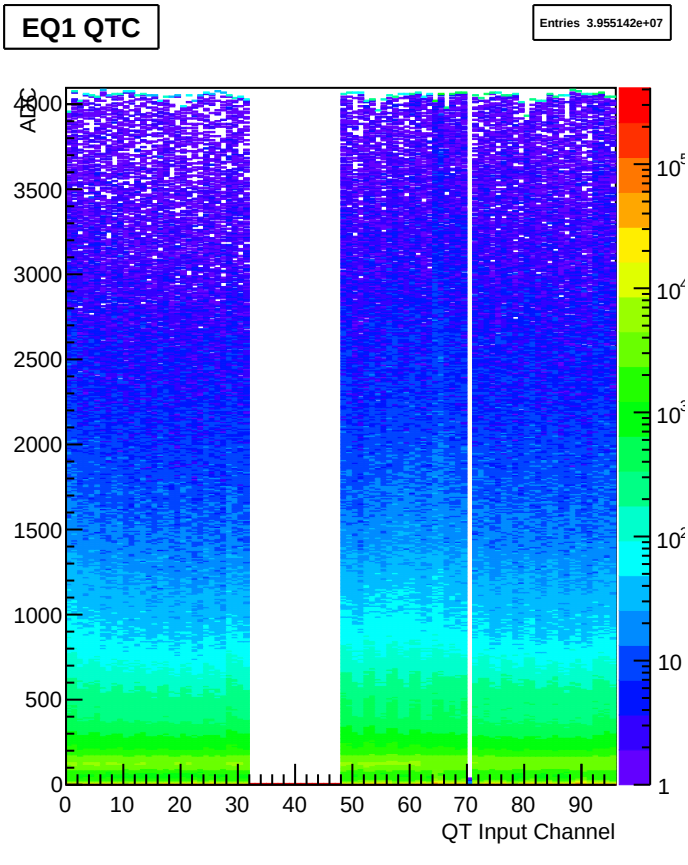

BBQ-VP001 East
Entries 6591904
TADC
QT Input Channel

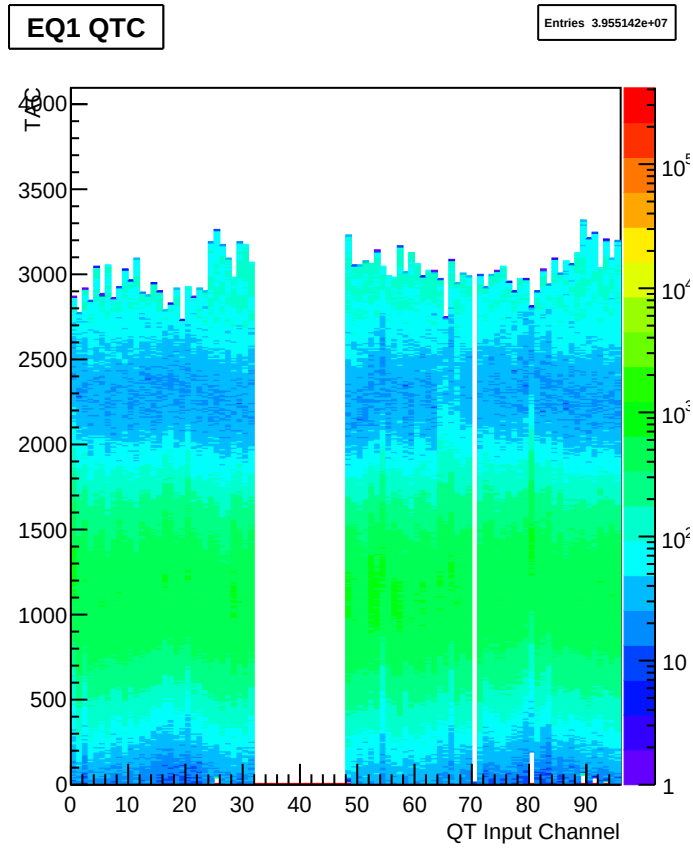

BBQ-VP002 West
Entries 6591904
ADC
QT Input Channel

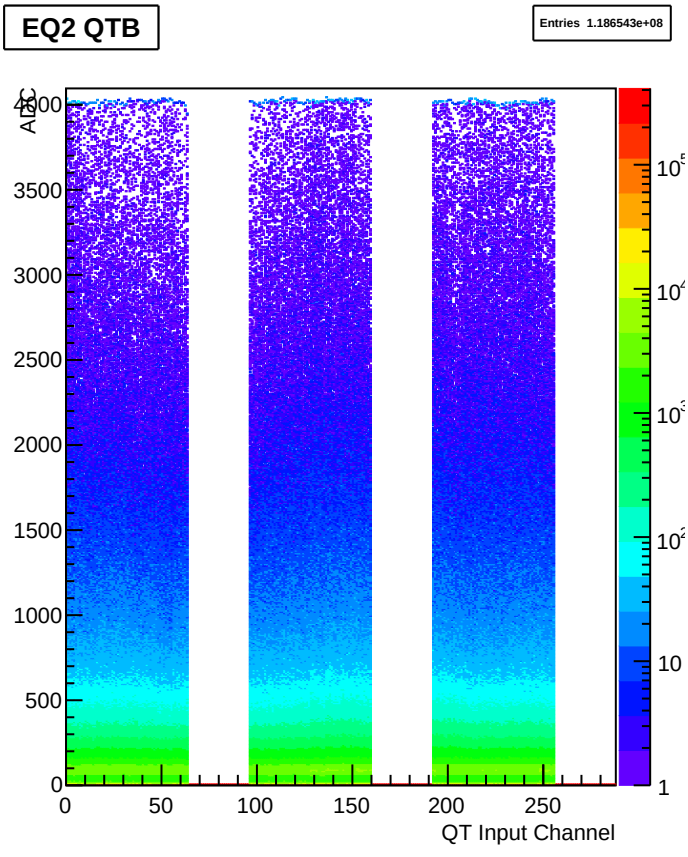

BBQ-VP002 West
Entries 6591904
TADC
QT Input Channel

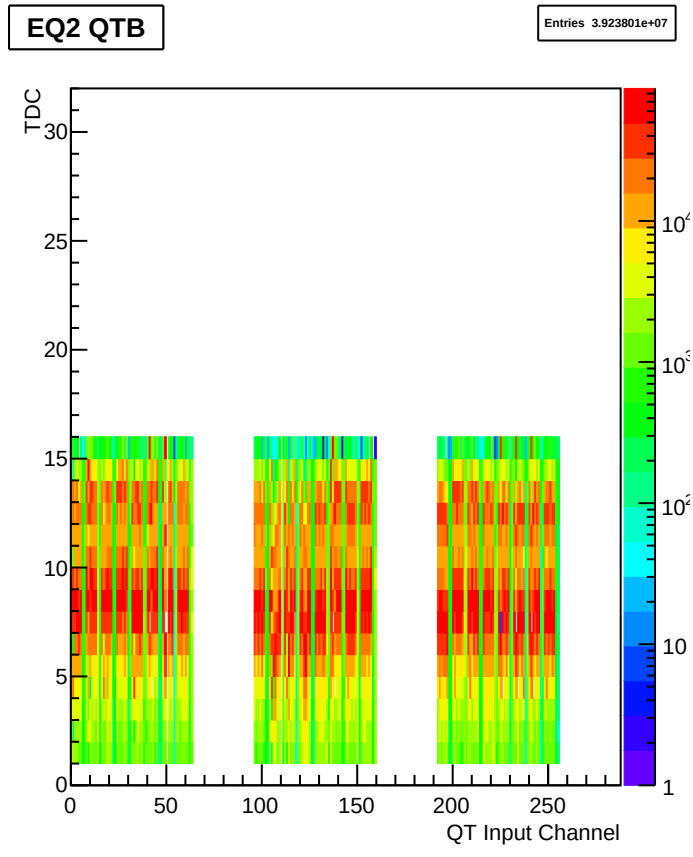

EQ1 QTB
Entries 1.186543e+08
ADC
QT Input Channel

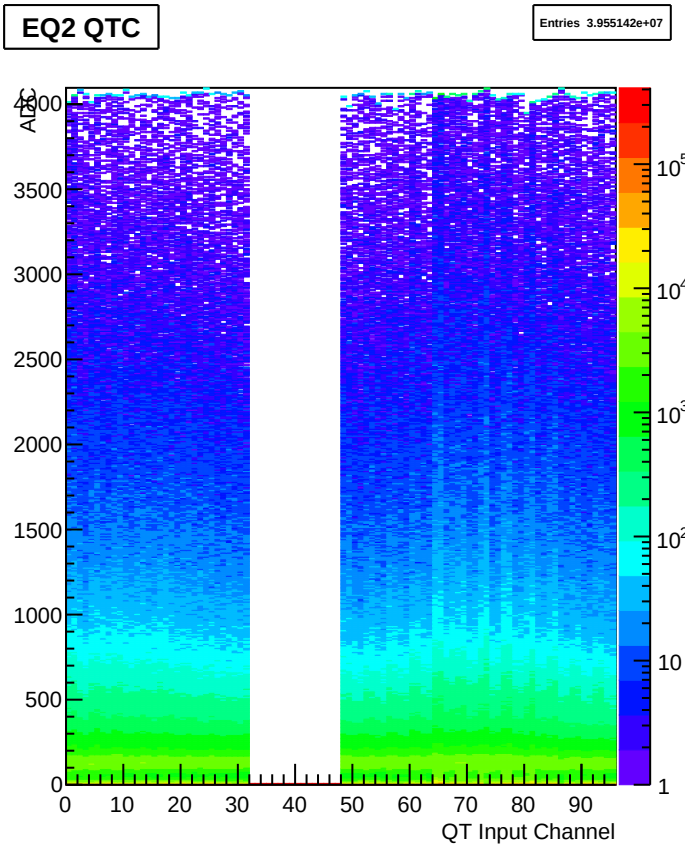

EQ1 QTB
Entries 3.970014e+07
TDC
QT Input Channel

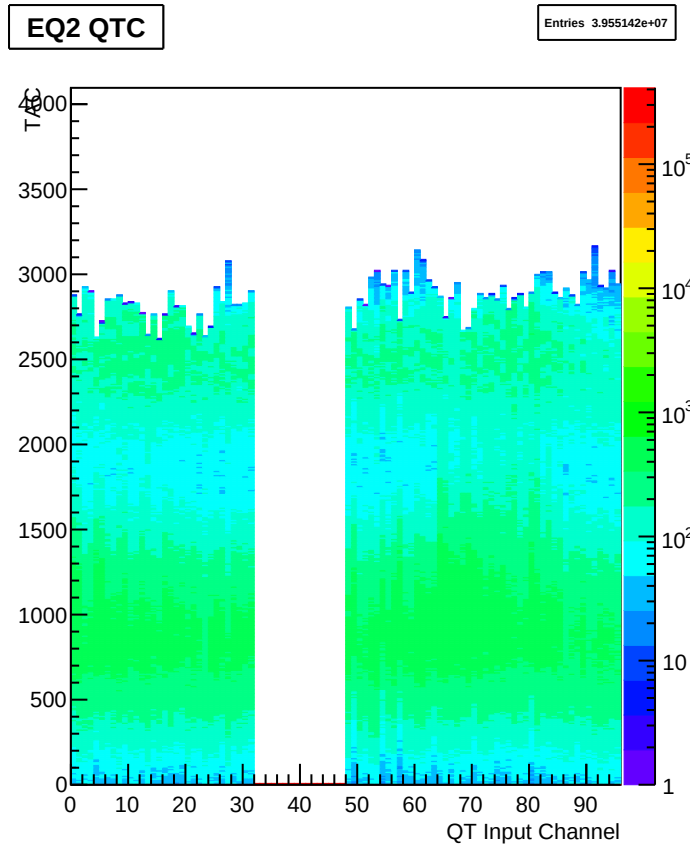

EQ1 QTC
Entries 3.955142e+07
ADC
QT Input Channel

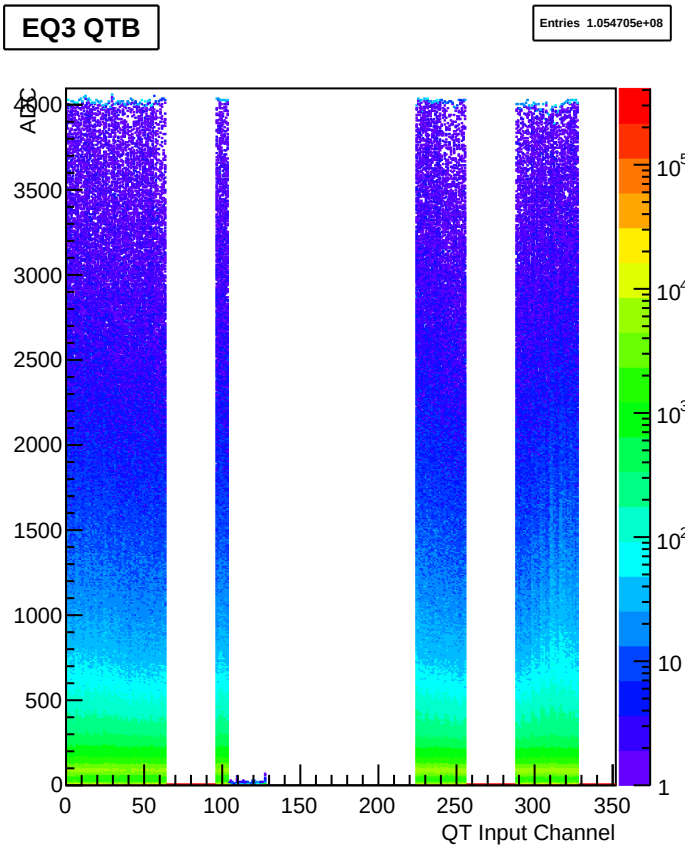

EQ1 QTC
Entries 3.955142e+07
TADC
QT Input Channel

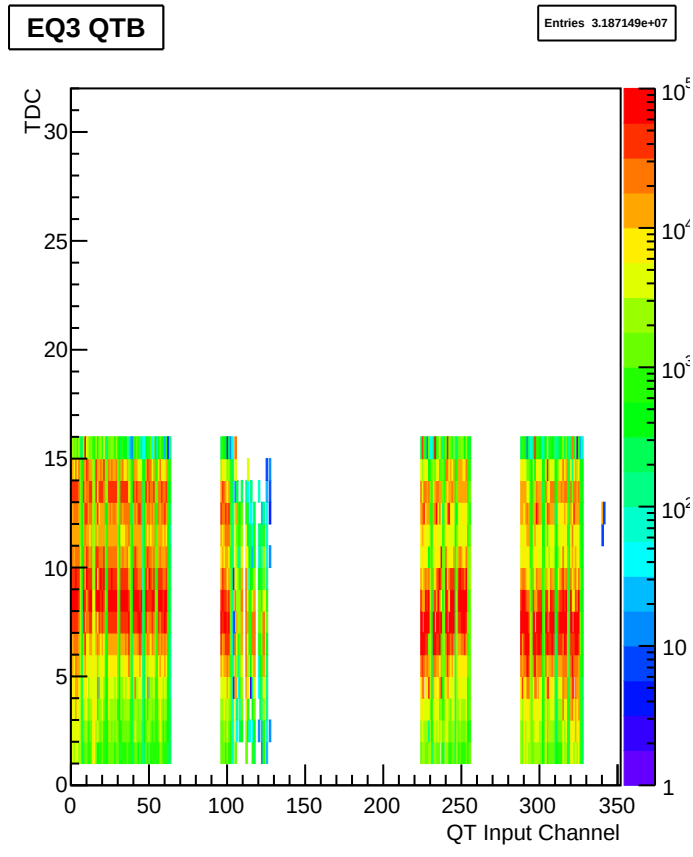

EQ2 QTB
Entries 1.186543e+08
ADC
QT Input Channel

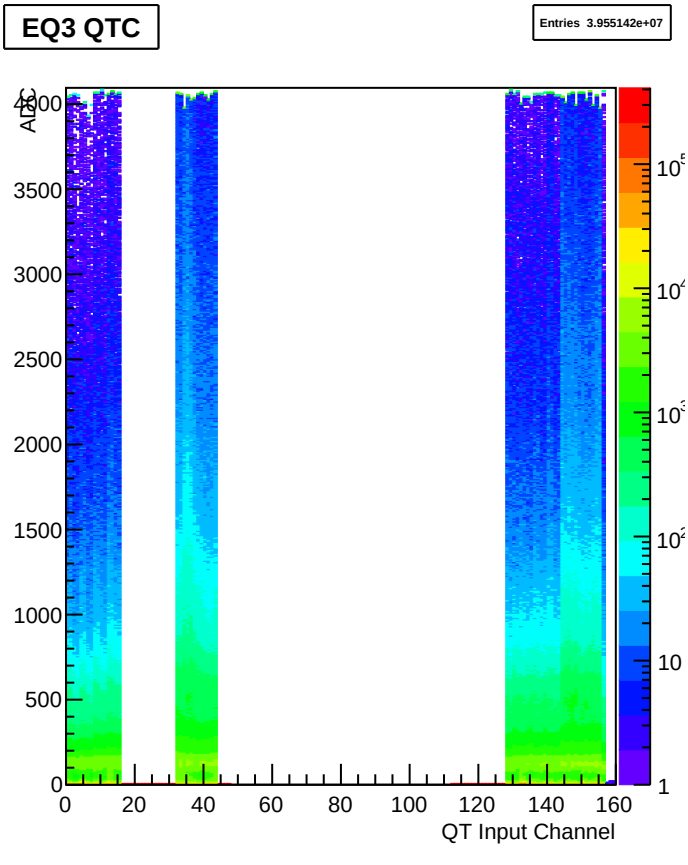

EQ2 QTB
Entries 3.923801e+07
TDC
QT Input Channel

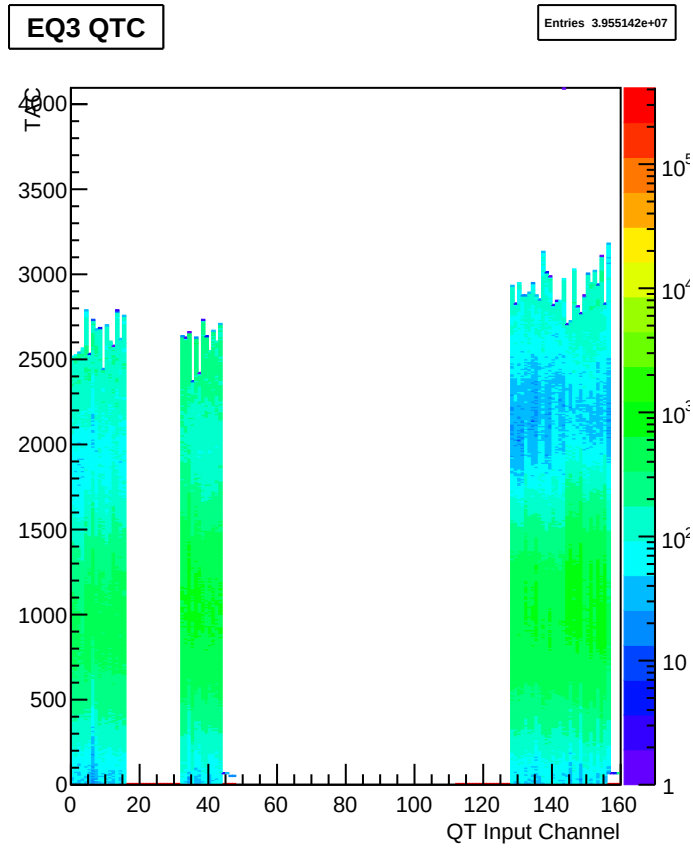

EQ2 QTC
Entries 3.955142e+07
ADC
QT Input Channel

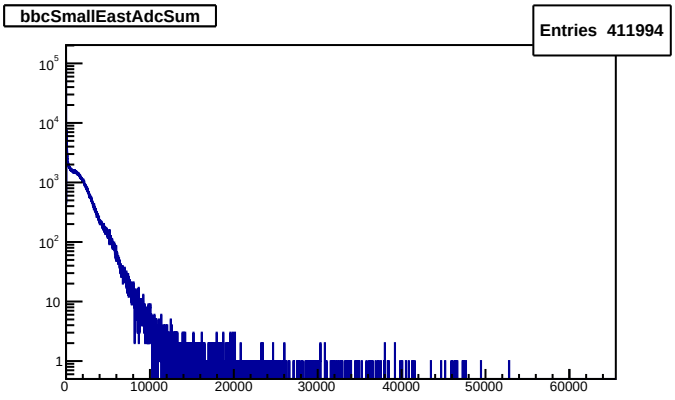

EQ2 QTC
Entries 3.955142e+07
TADC
QT Input Channel

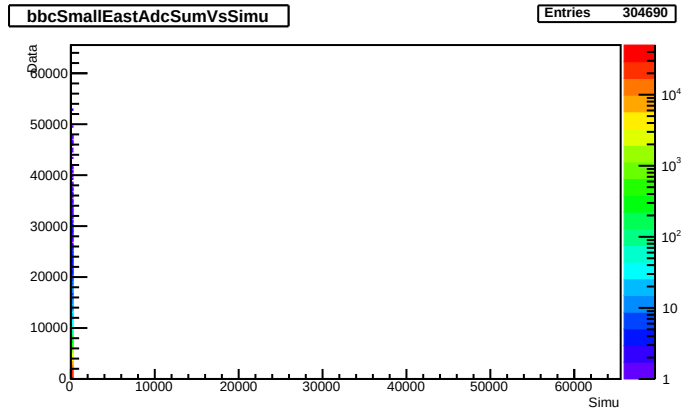

EQ3 QTB
Entries 1.054705e+08
ADC
QT Input Channel

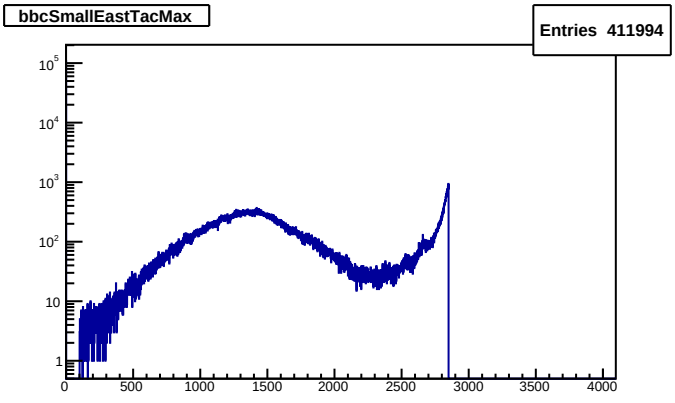

EQ3 QTB
Entries 3.187149e+07
TDC
QT Input Channel

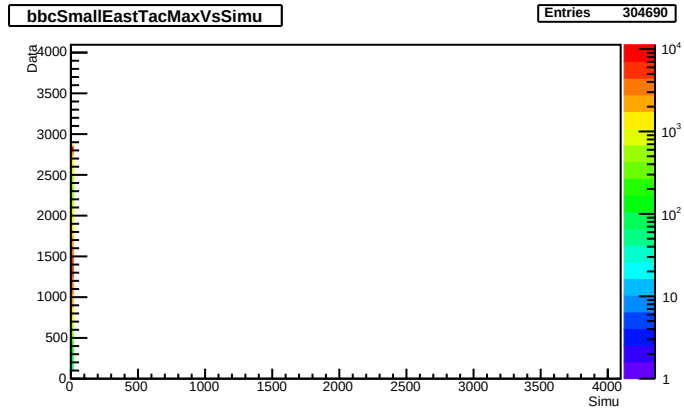

EQ3 QTC
Entries 3.955142e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.955142e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 411994


bbcSmallEastAdcSumVsSimu
Entries 304690
Data
Simu


bbcSmallEastTacMax
Entries 411994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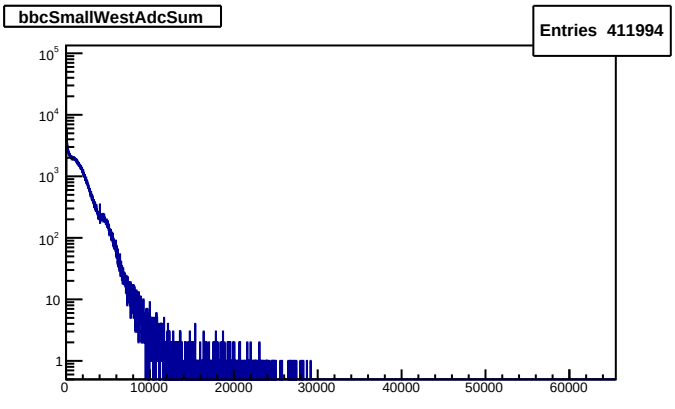
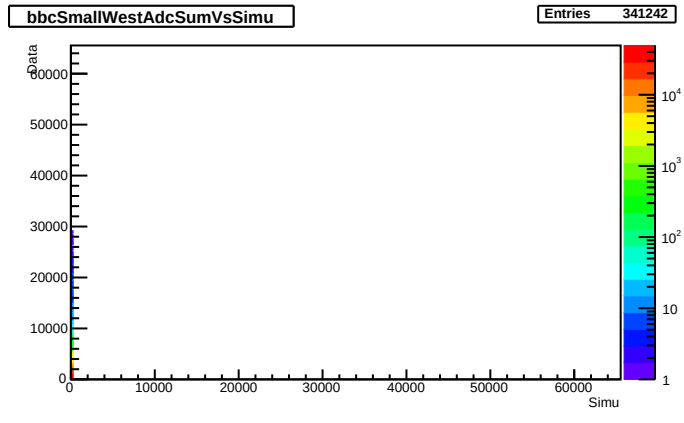
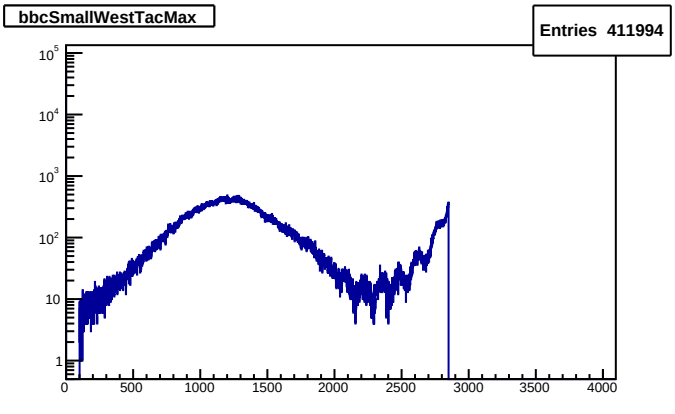
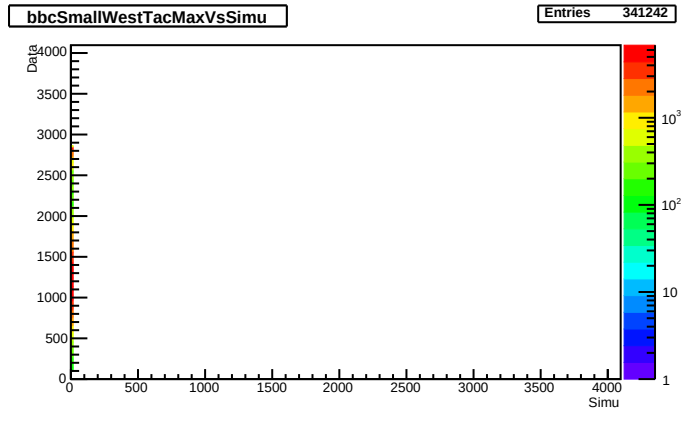
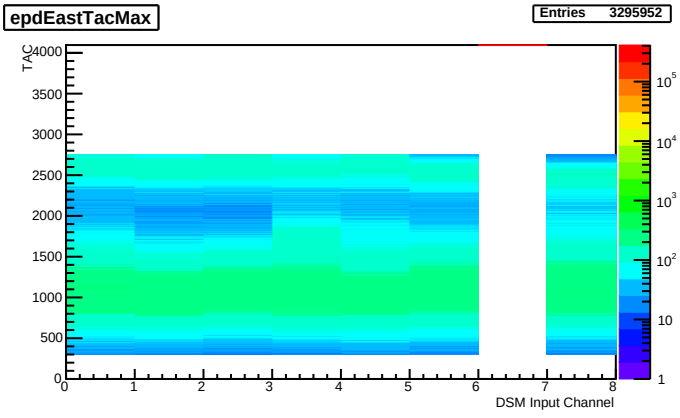
Entries 304690
Data
Simu

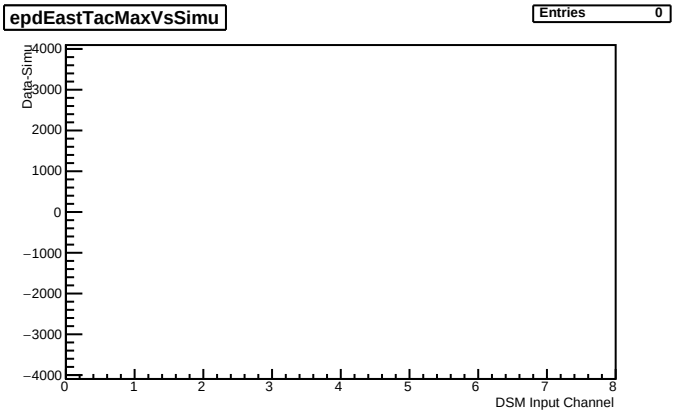

bbcSmallWestAdcSum
Entries 411994

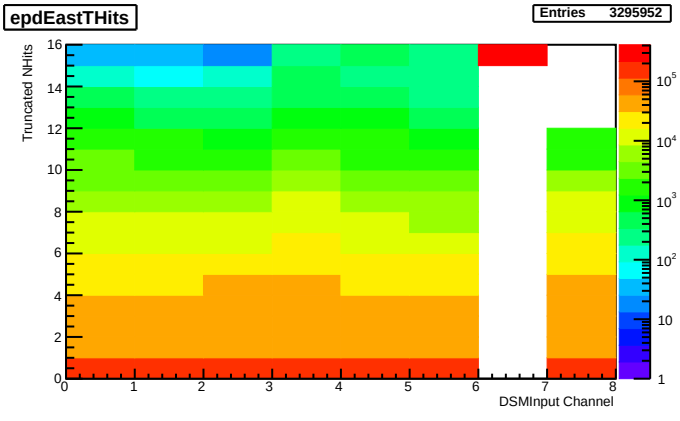

bbcSmallWestAdcSumVsSimu
Entries 341242
Data
Simu

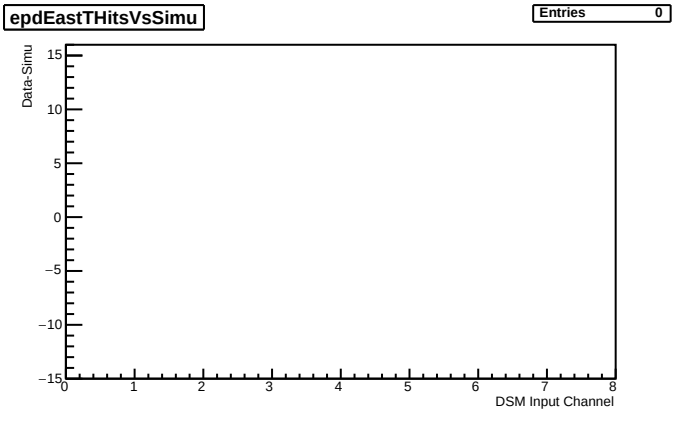

bbcSmallWestTacMax
Entries 411994


bbcSmallWestTacMaxVsSimu
Entries 341242
Data
Simu


epdEastTacMax
Entries 3295952
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3295952
Truncated NHits
DSMInput Channel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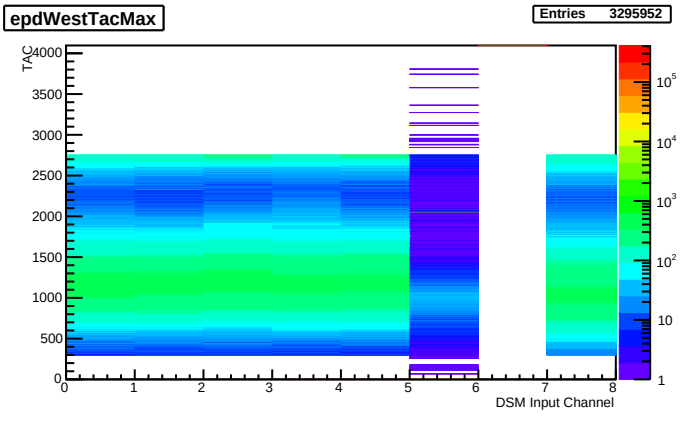
Entries 0
Data-Simu
DSM Input Channel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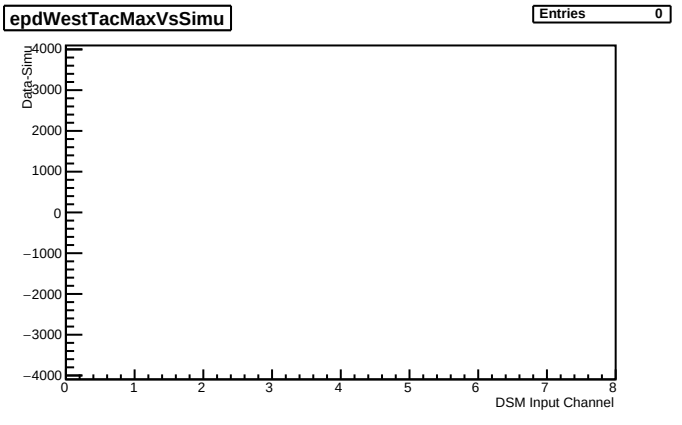
Entries 3295952
TAC
DSM Input Channel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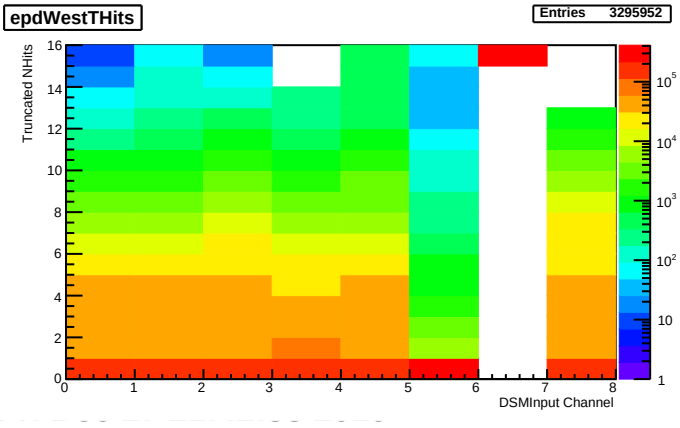
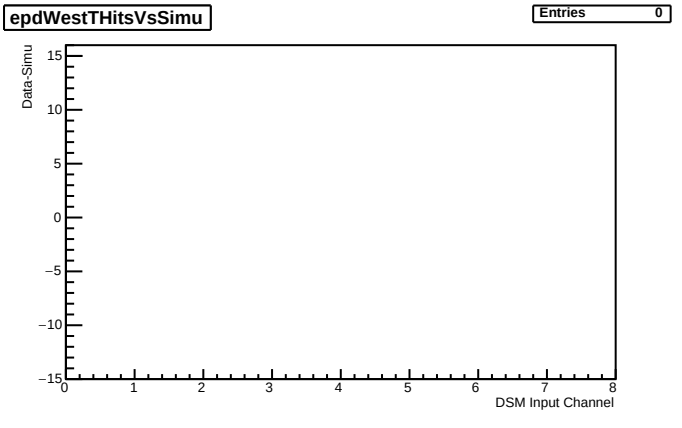
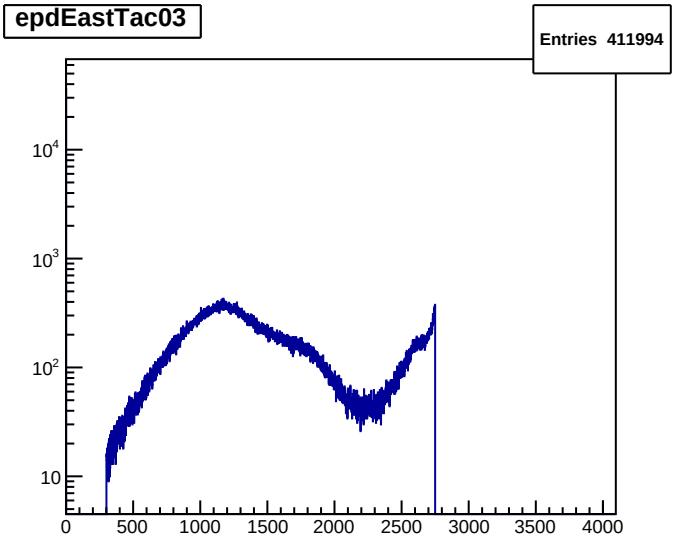
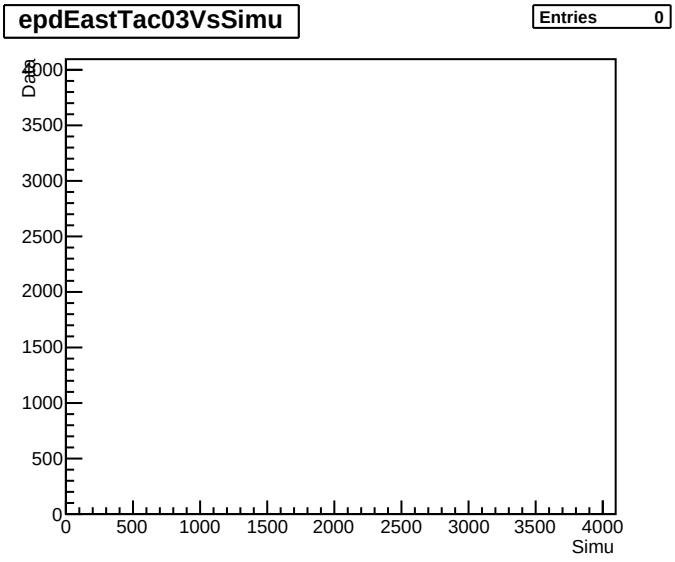
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3295952
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 411994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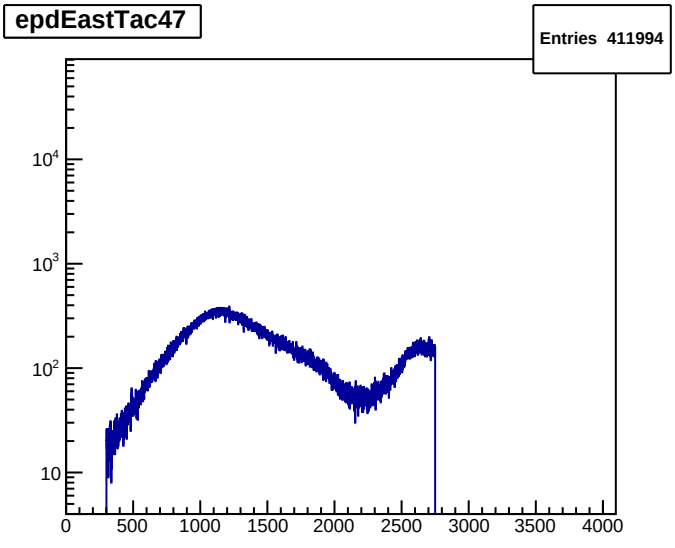
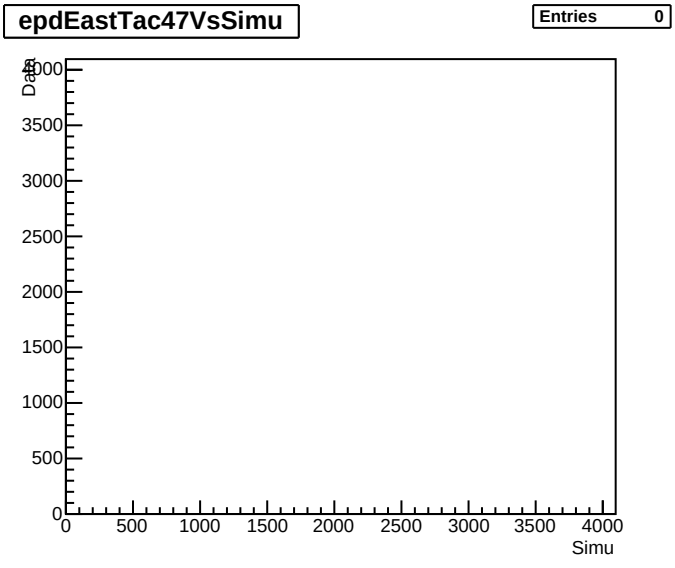
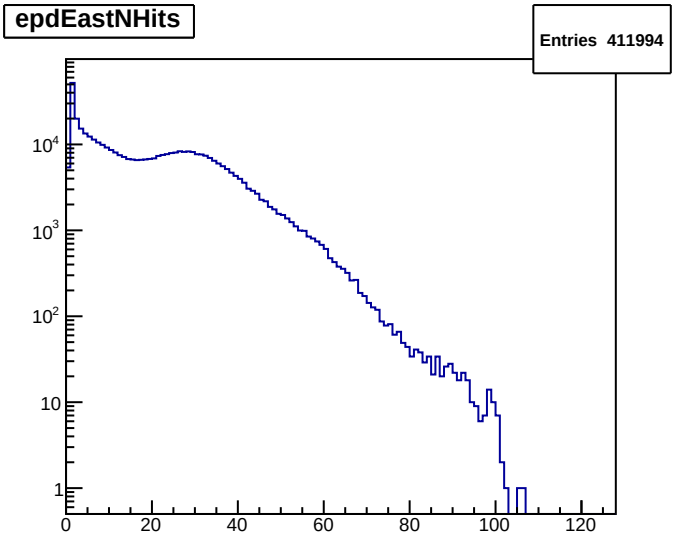
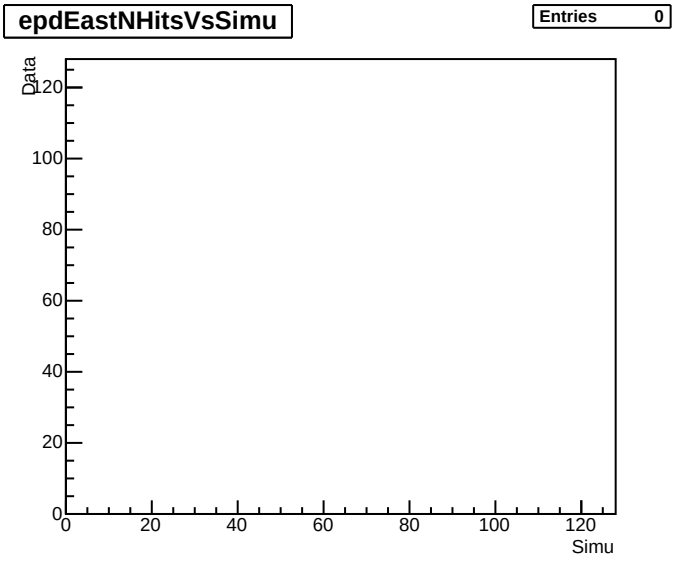
Entries 0
Data
Simu


epdEastTac47
Entries 411994


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 411994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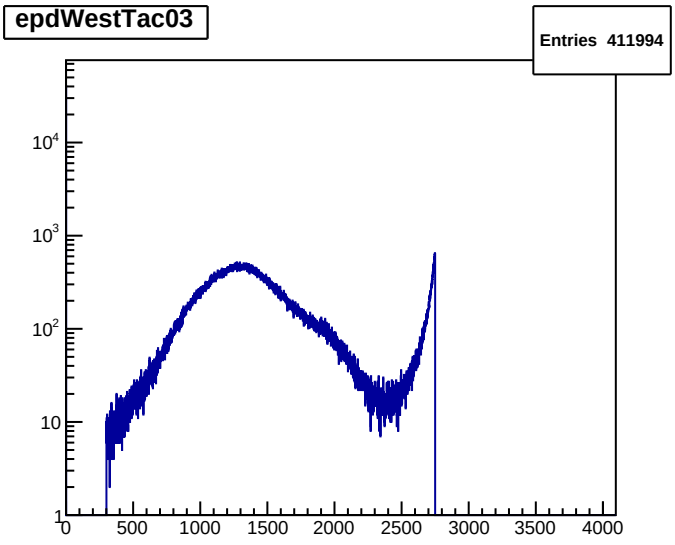
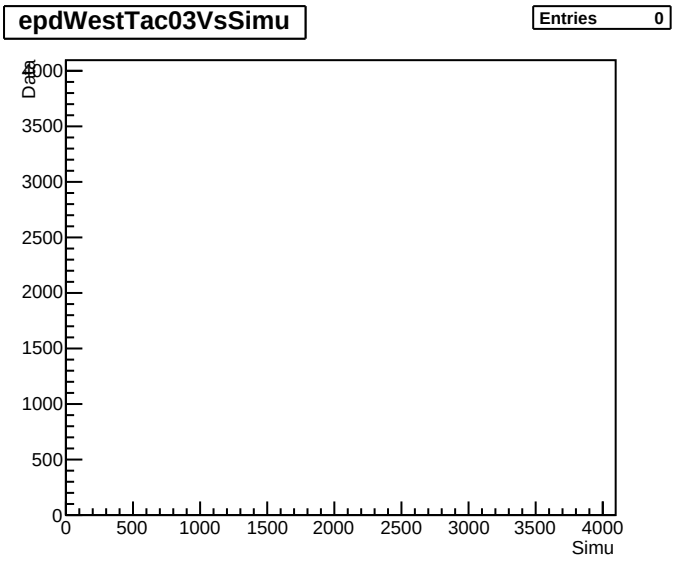
Entries 0
Data
Simu


epdWestTac03
Entries 411994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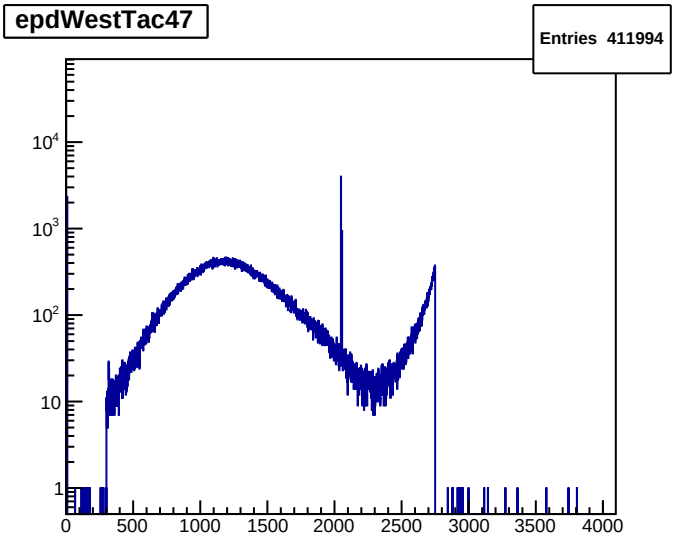
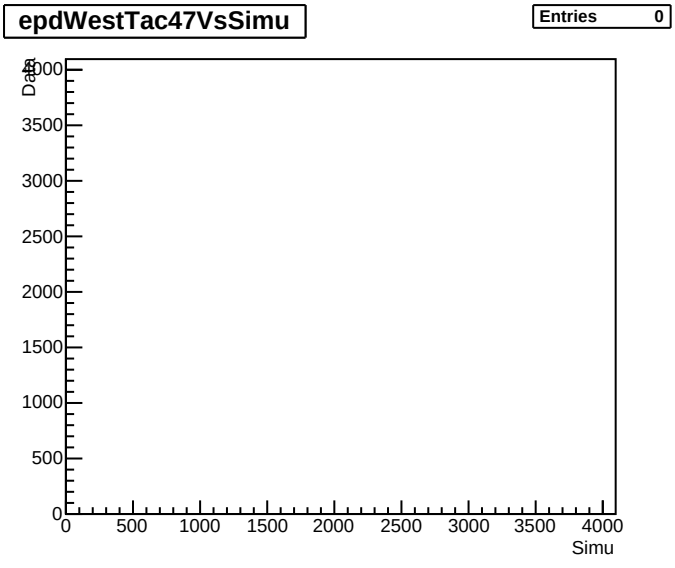
Entries 0
Data
Simu


epdWestTac47
Entries 411994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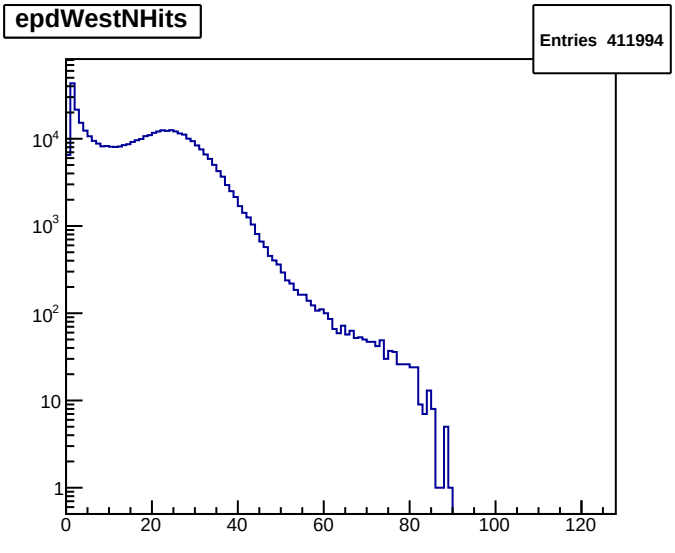
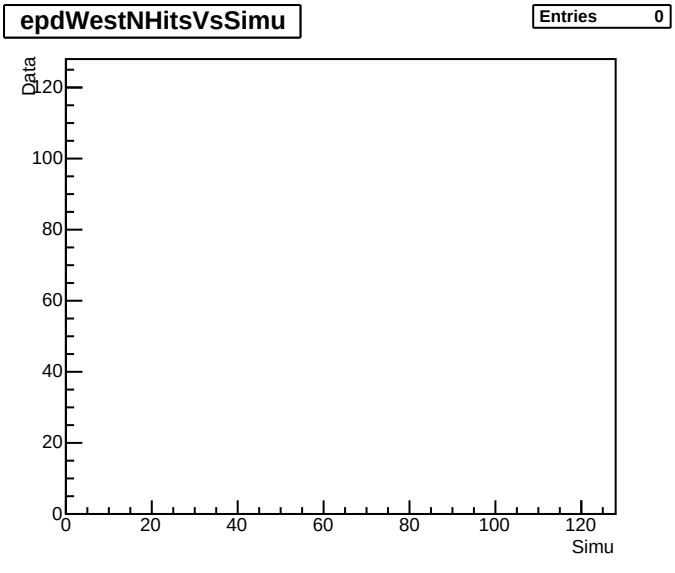
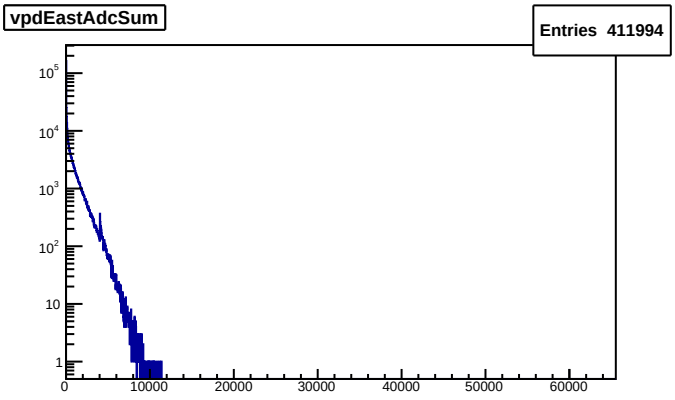
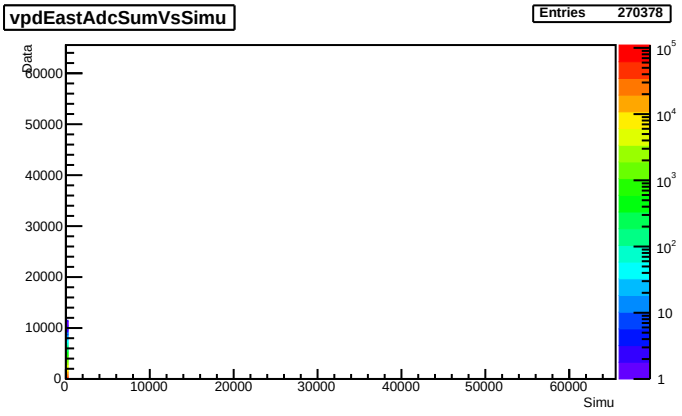
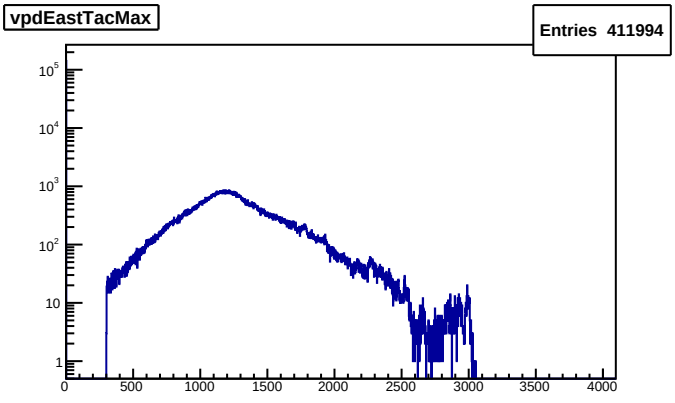
Entries 0
Data
Simu

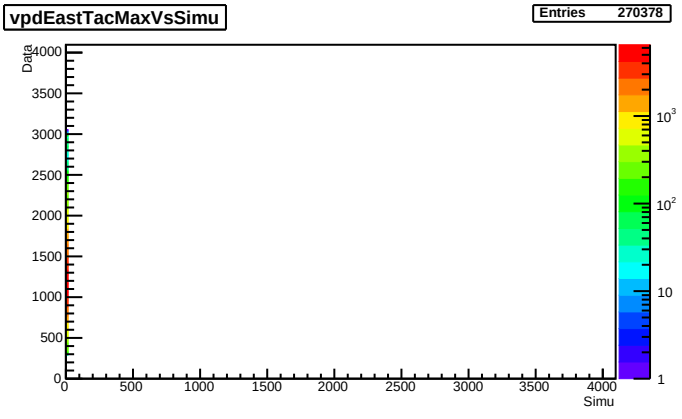

epdWestNHits
Entries 411994

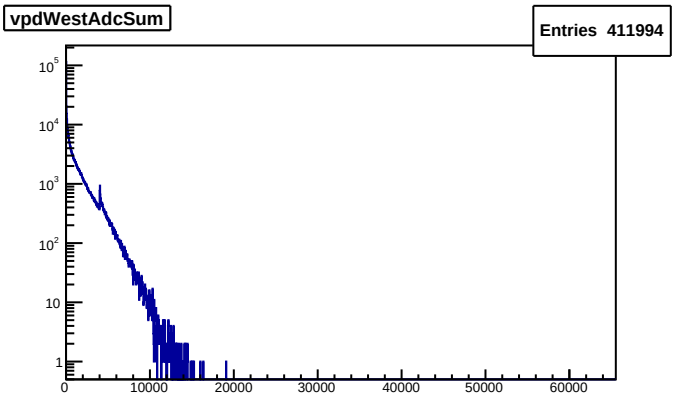

epdWestNHitsVsSimu
Entries 0
Data
Simu

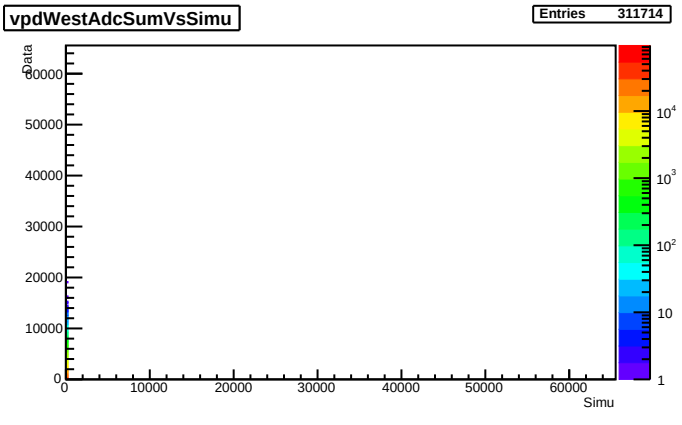

vpdEastAdcSum
Entries 411994

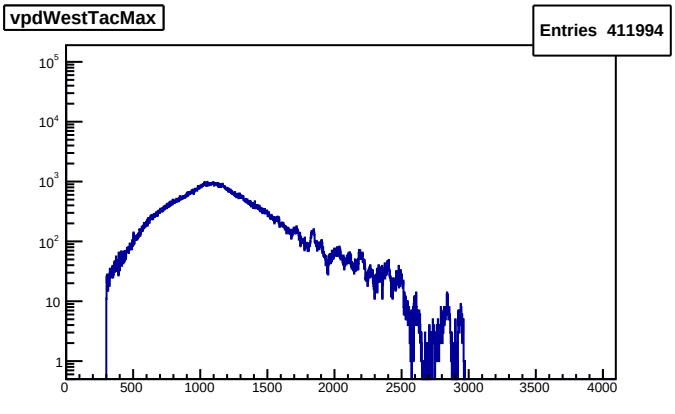

vpdEastAdcSumVsSimu
Entries 270378
Data
Simu

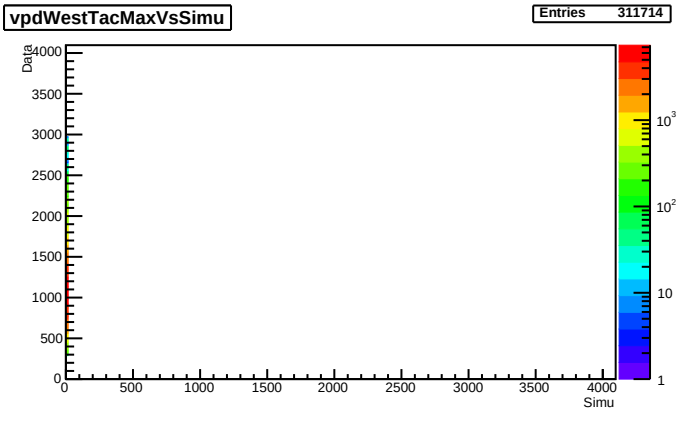

vpdEastTacMax
Entries 411994

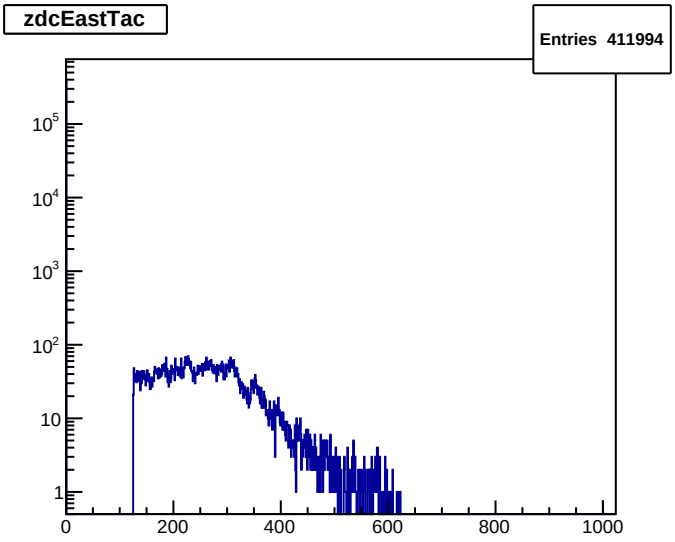

vpdEastTacMaxVsSimu
Entries 270378
Data
Simu

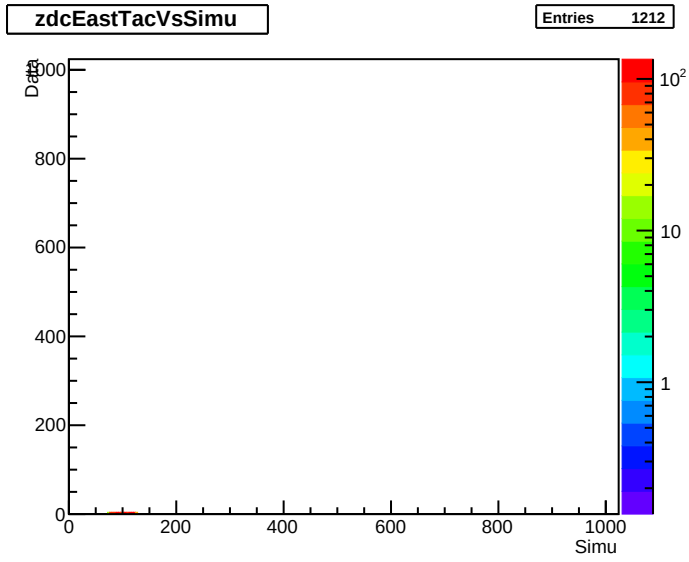

vpdWestAdcSum
Entries 411994

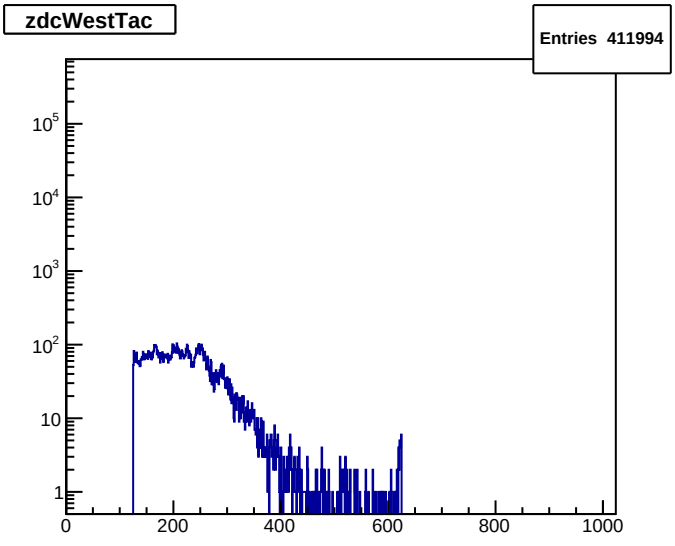

vpdWestAdcSumVsSimu
Entries 311714
Data
Simu

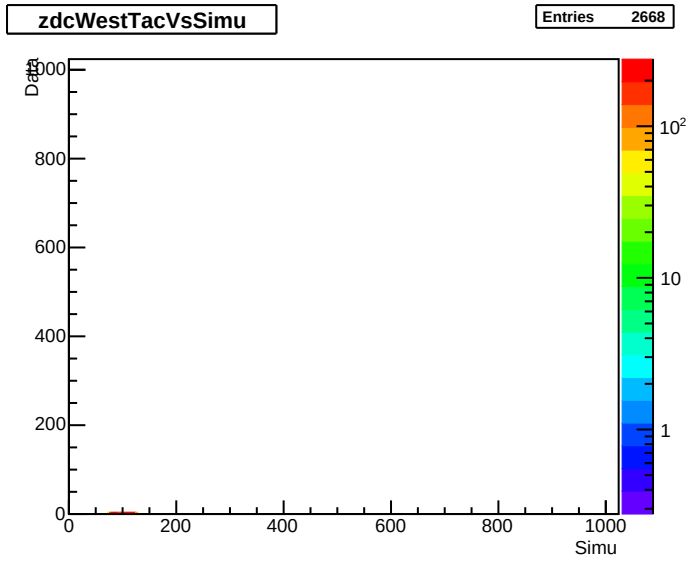

vpdWestTacMax
Entries 411994

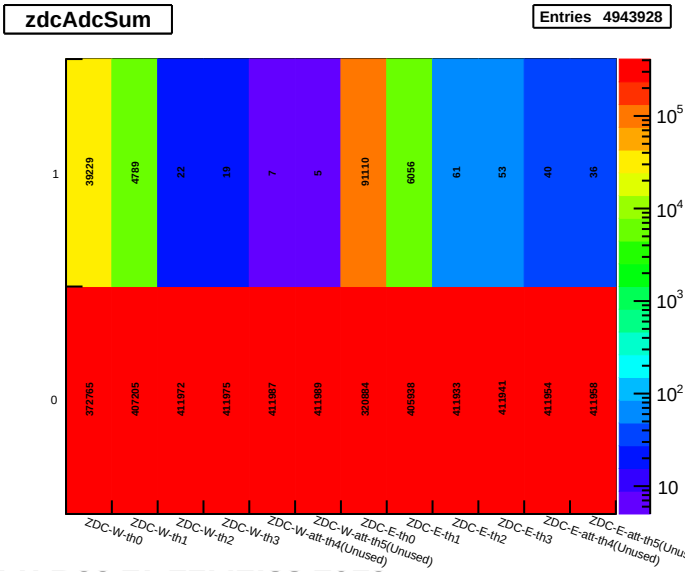

vpdWestTacMaxVsSimu
Entries 311714
Data
Simu

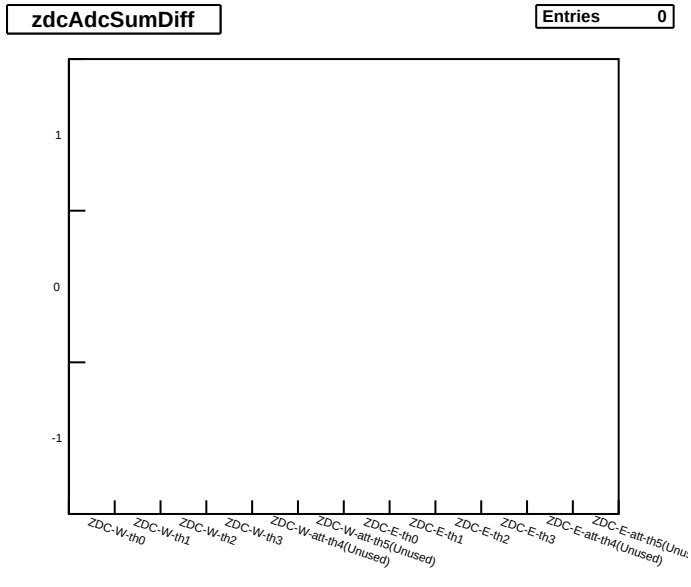

zdcEastTac
Entries 411994

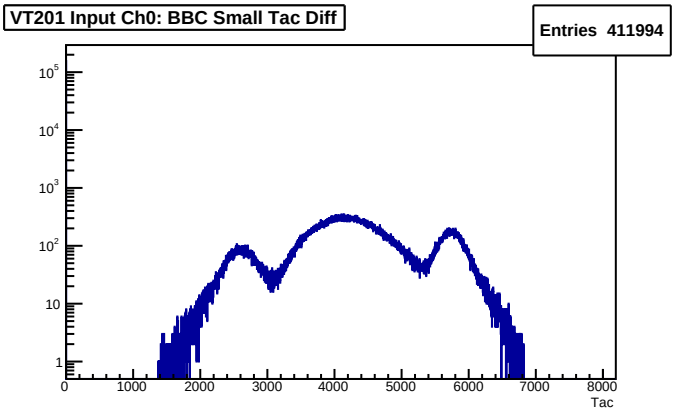

zdcEastTacVsSimu
Entries 1212
Data
Simu

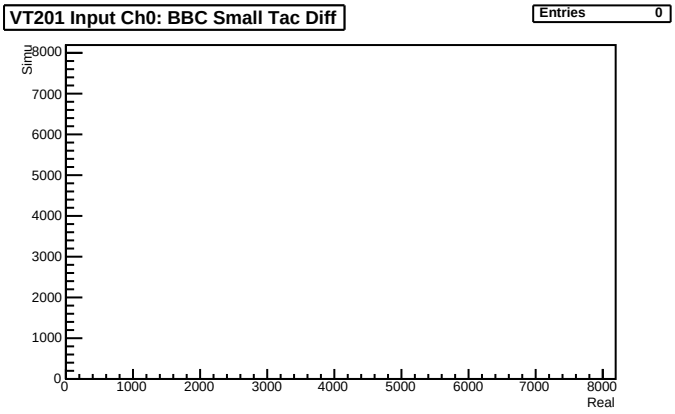

zdcWestTac
Entries 411994

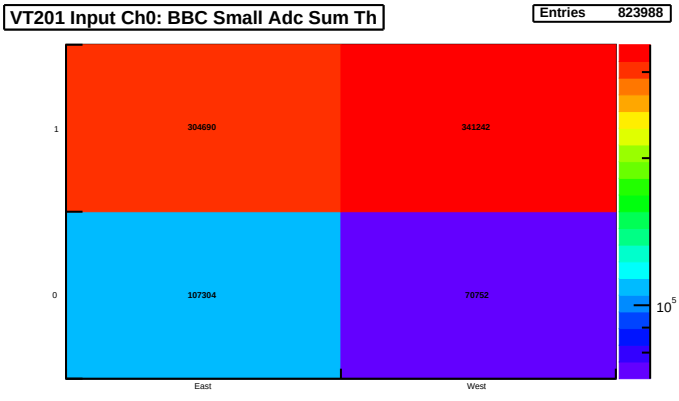

zdcWestTacVsSimu
Entries 2668
Data
Simu

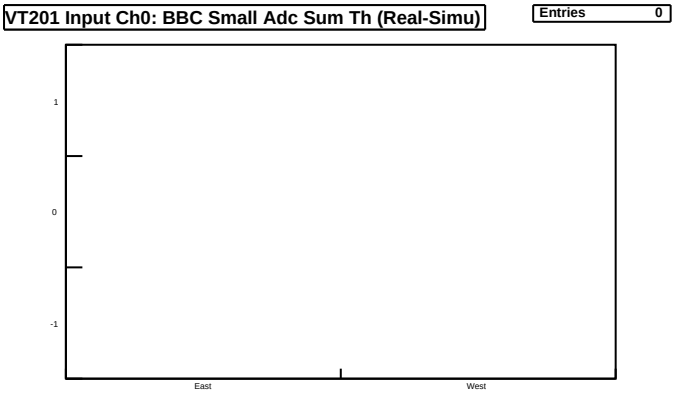

zdcAdcSum
Entries 4943928
39229
4789
22
19
7
5
91110
6056
61
53
40
36
372765
407205
411972
411975
411987
411989
320884
405938
411933
411941
411954
411958
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

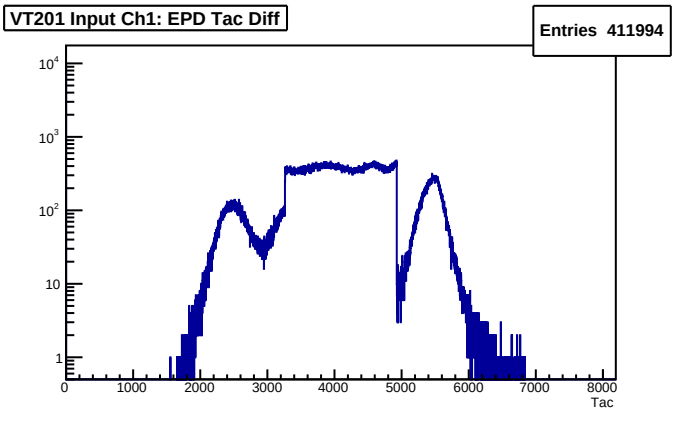

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

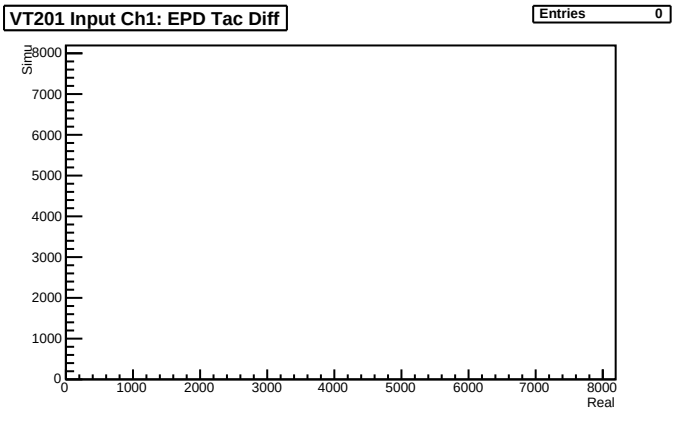

VT201 Input Ch0: BBC Small Tac Diff
Entries 411994
Tac

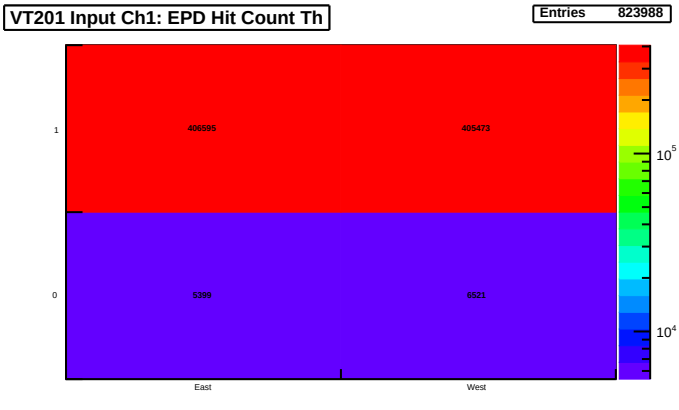

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

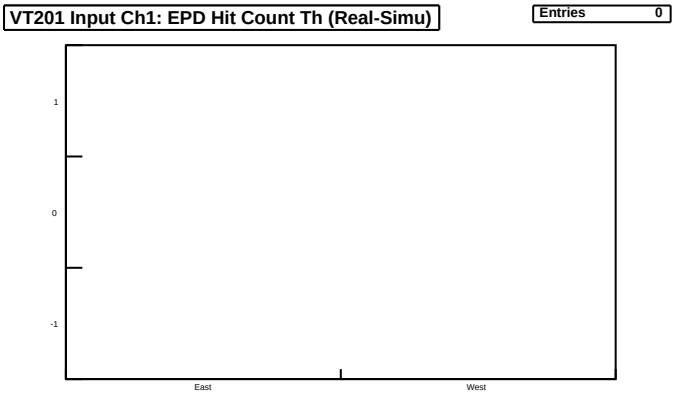

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 823988
304690
341242
107304
70752
East
West

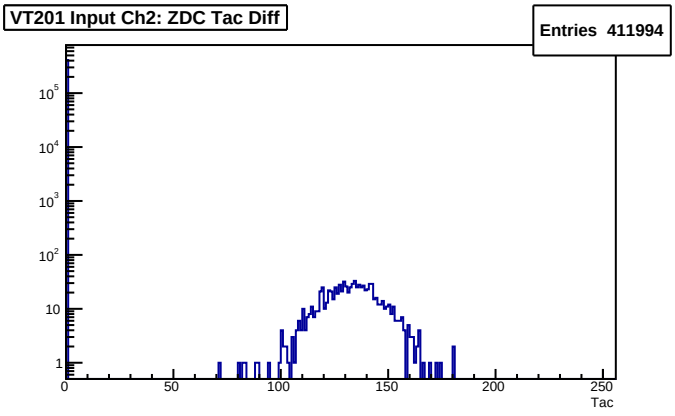

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

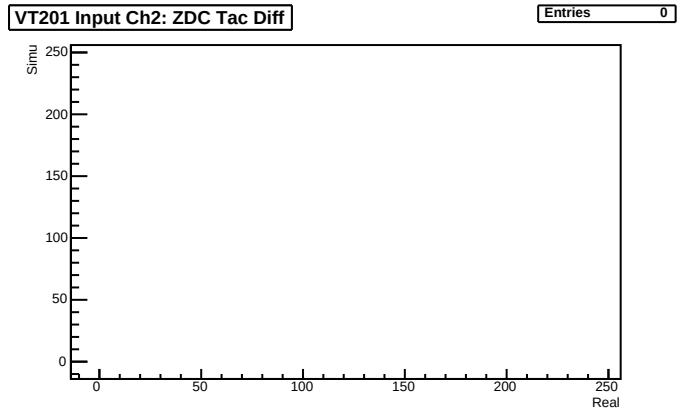

VT201 Input Ch1: EPD Tac Diff
Entries 411994
Tac

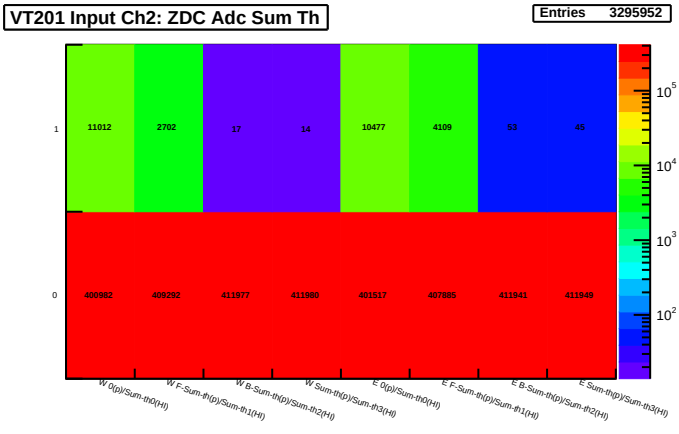

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

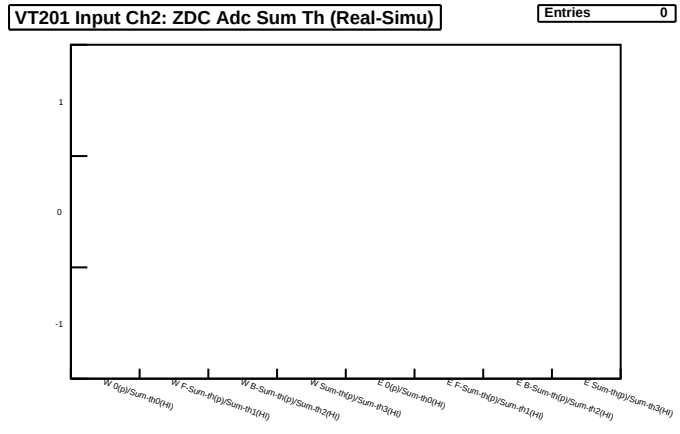

VT201 Input Ch1: EPD Hit Count Th
Entries 823988
406595
405473
5399
6521
East
West

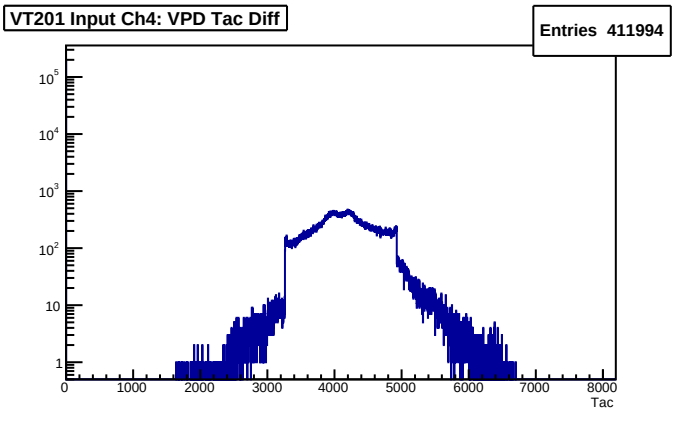

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

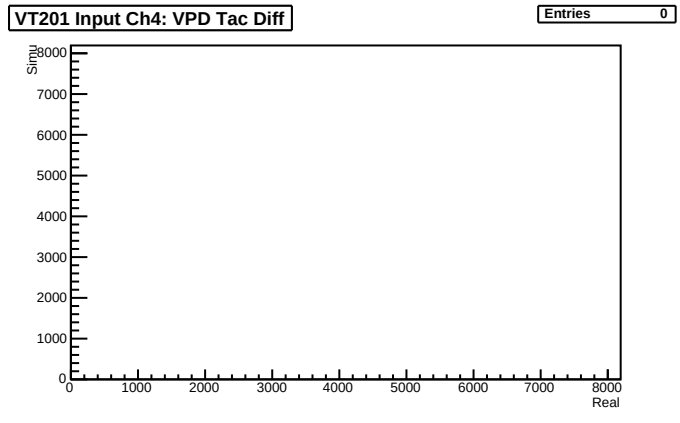

VT201 Input Ch2: ZDC Tac Diff
Entries 411994
Tac

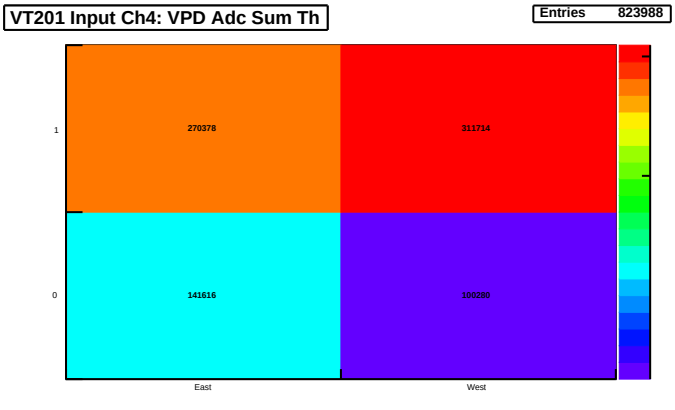

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

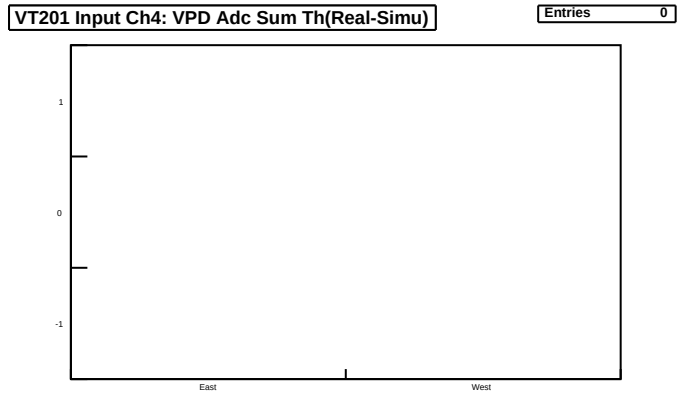

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3295952
11012
2702
17
14
10477
4109
53
45
400982
409292
411977
411980
401517
407885
411941
411949
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

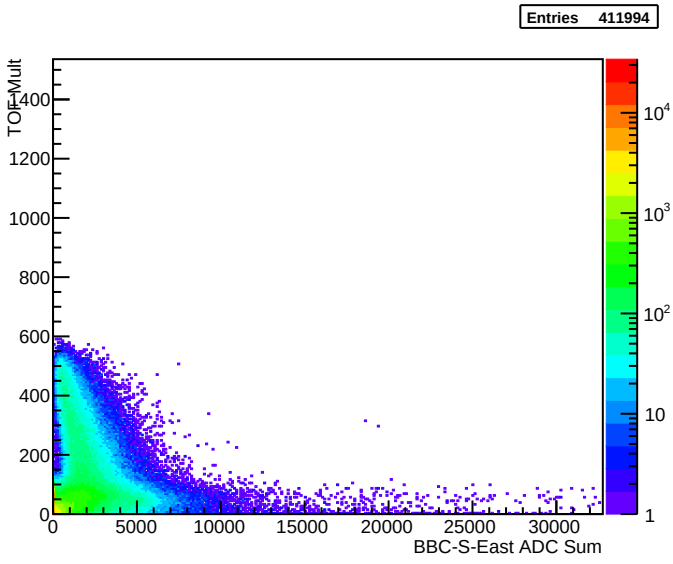

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

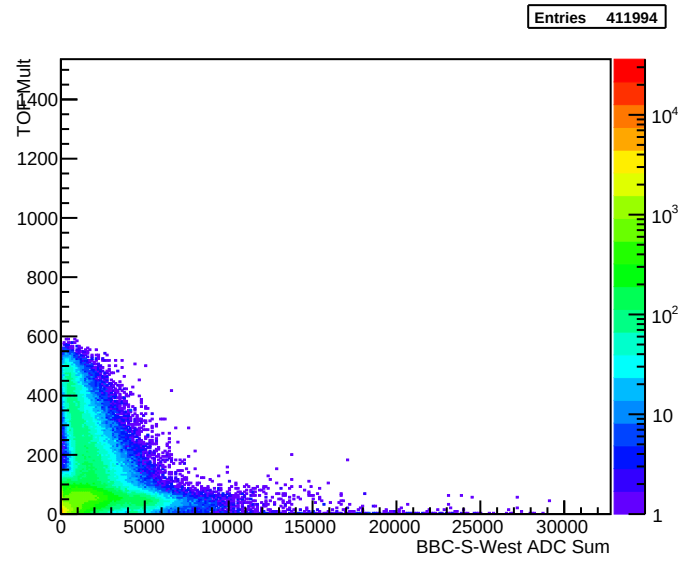

VT201 Input Ch4: VPD Tac Diff
Entries 411994
Tac

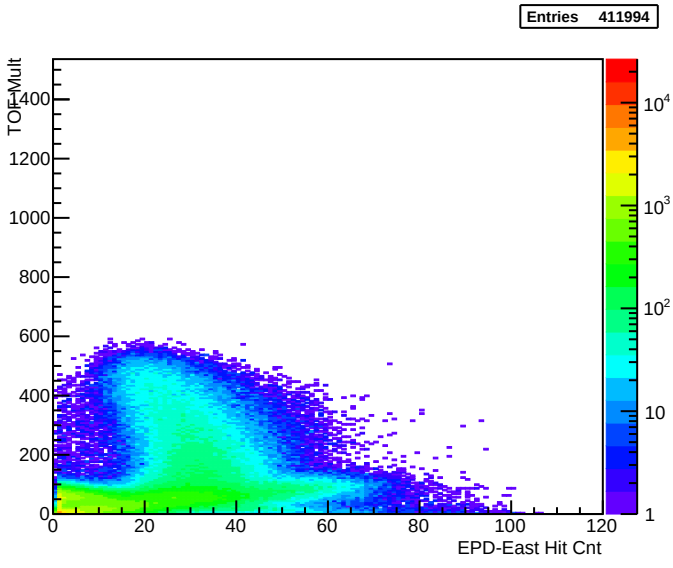

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

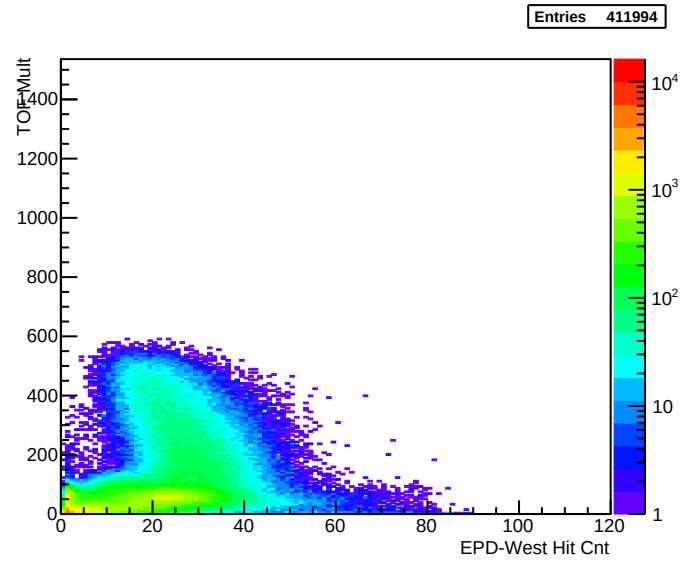

VT201 Input Ch4: VPD Adc Sum Th
Entries 823988
270378
311714
141616
100280
East
West

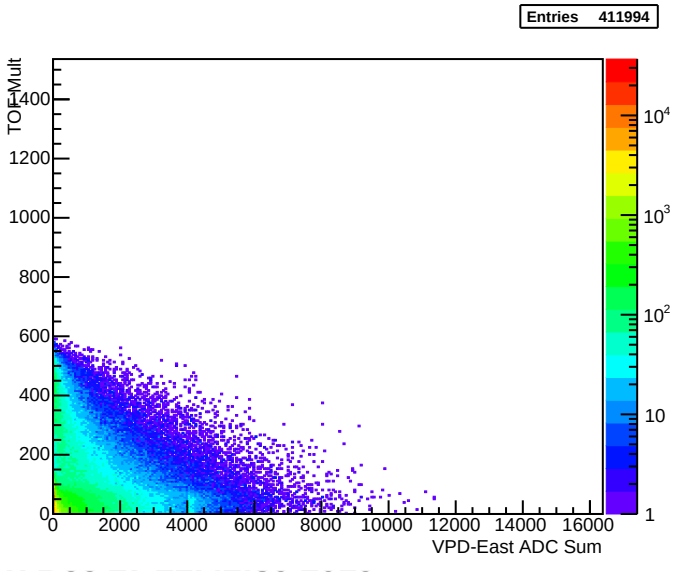

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

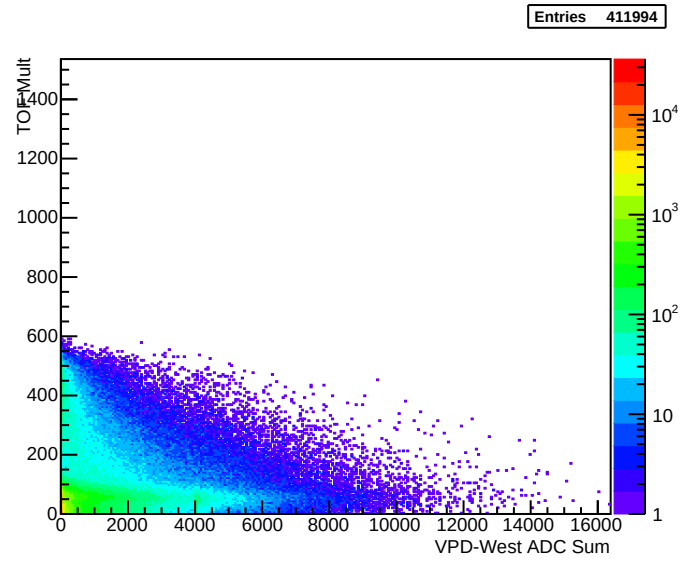

Entries 411994
TOF-Mult
BBC-S-East ADC Sum

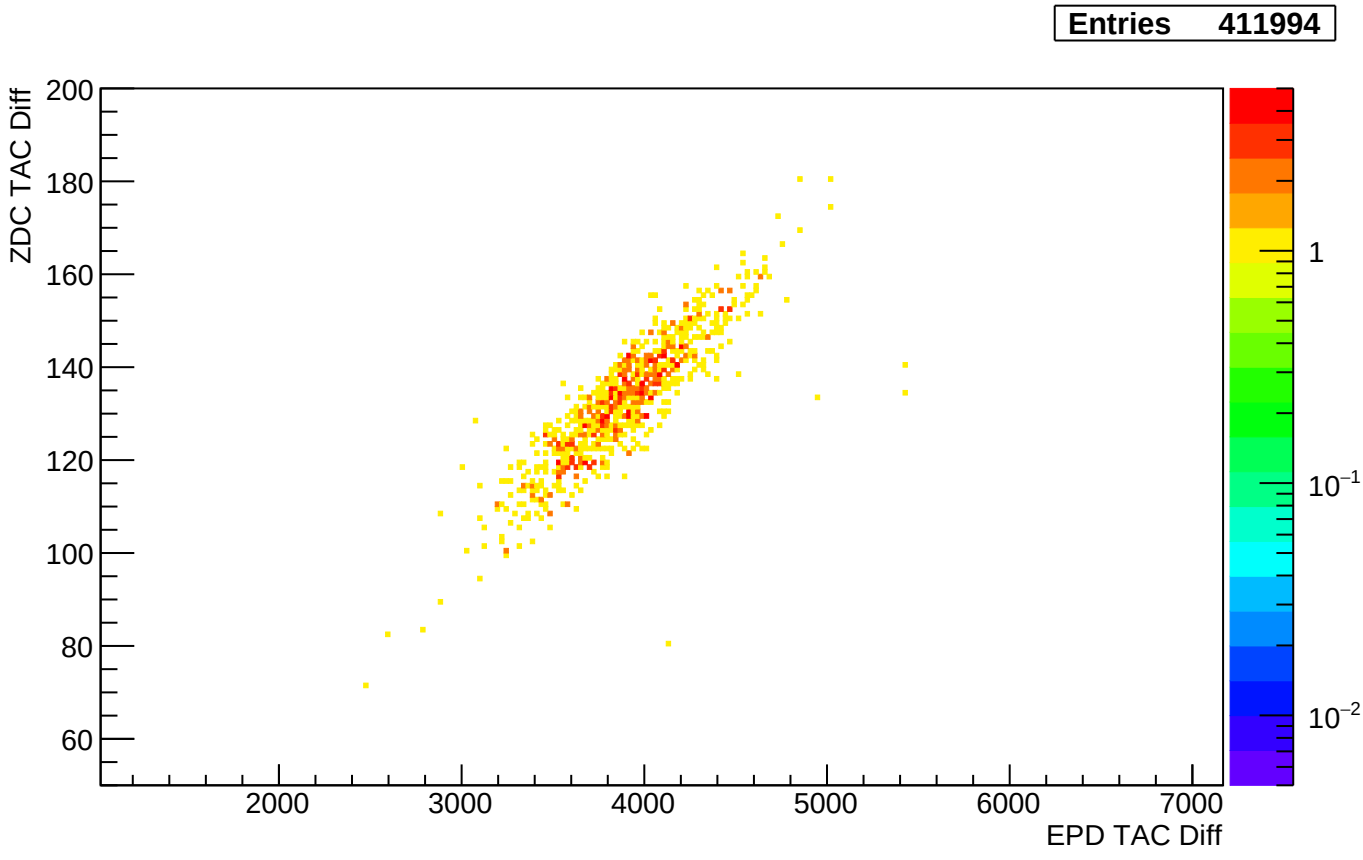

Entries 411994
TOF-Mult
BBC-S-West ADC Sum

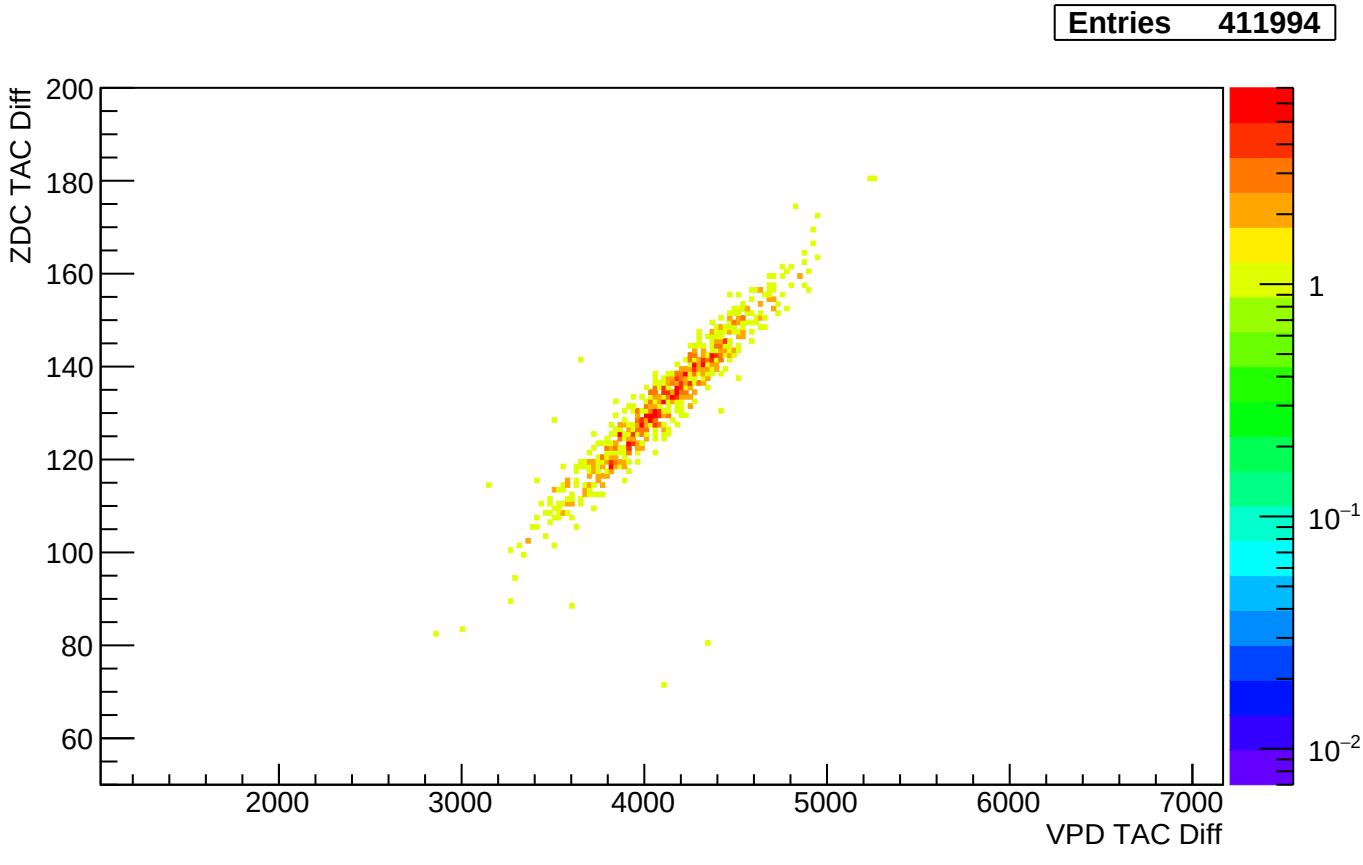

Entries 411994
TOF-Mult
EPD-East Hit Cnt

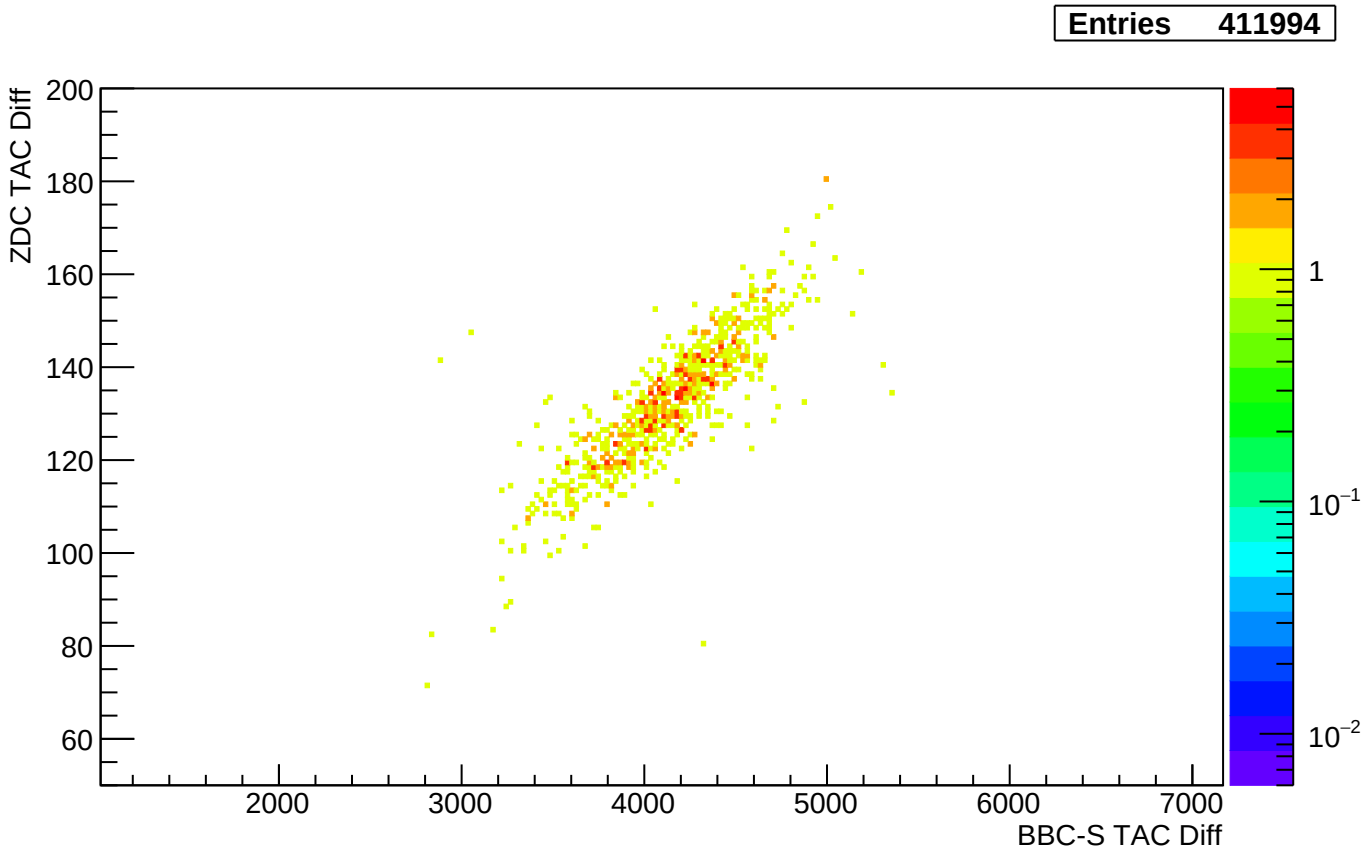

Entries 411994
TOF-Mult
EPD-West Hit Cnt

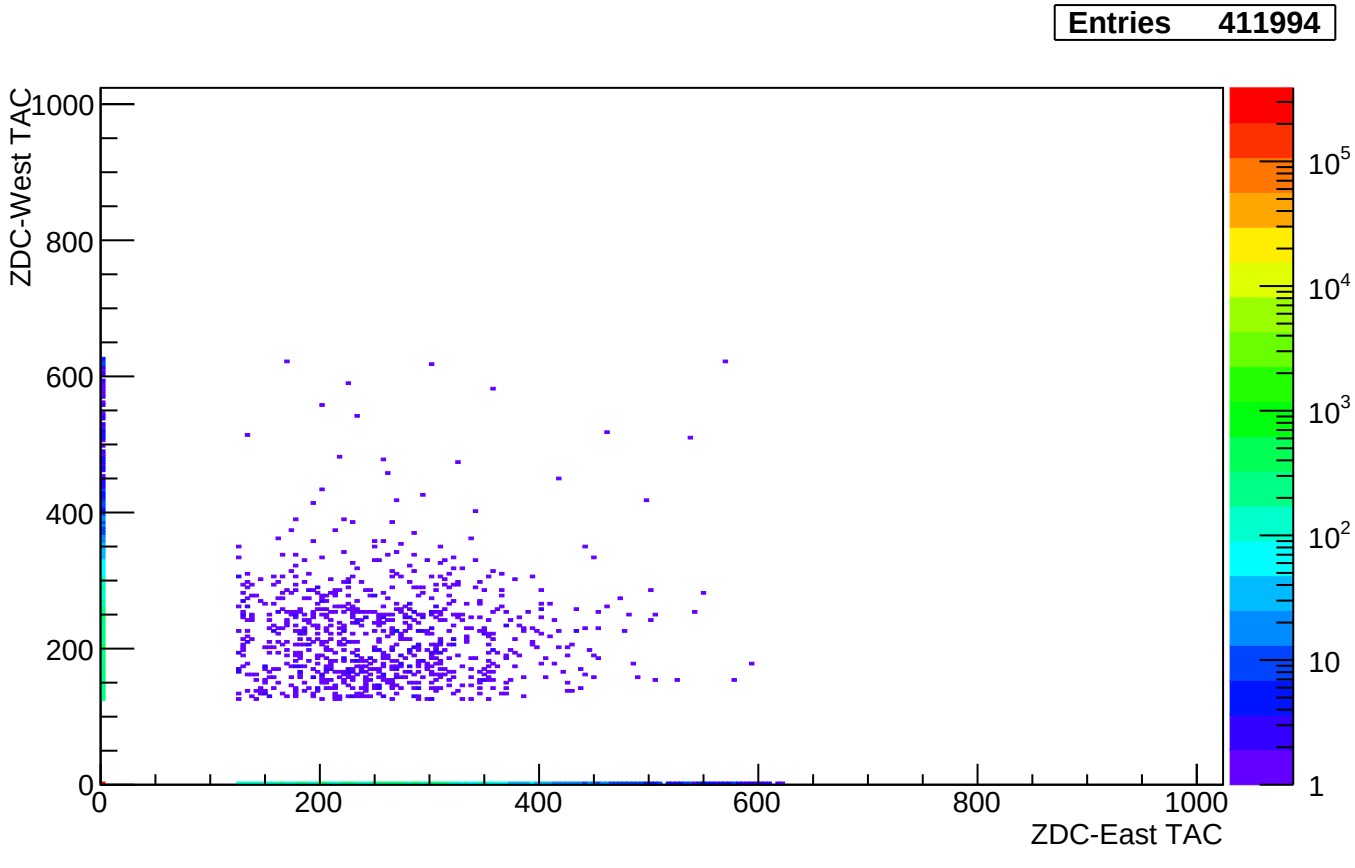

Entries 411994
TOF-Mult
VPD-East ADC Sum

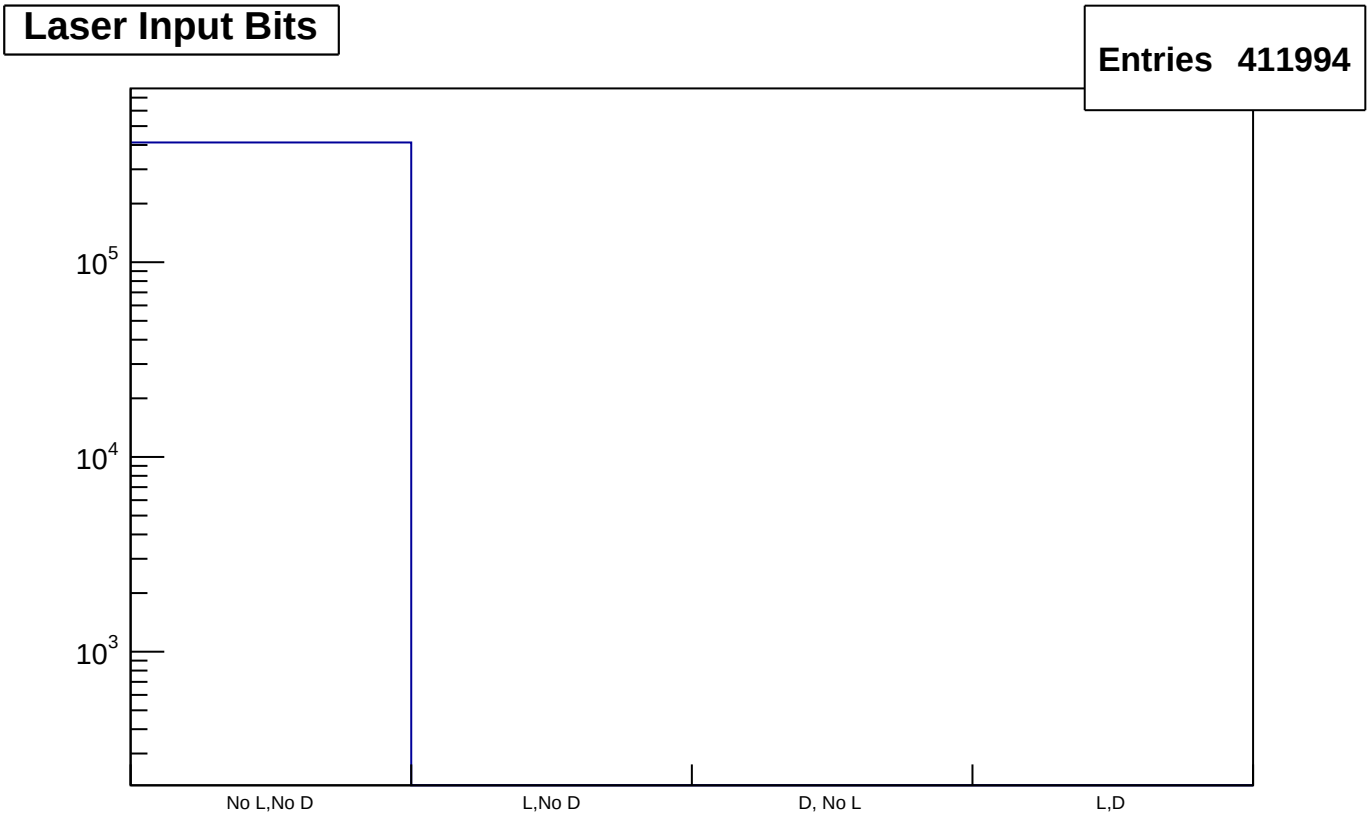

Entries 411994
TOF-Mult
VPD-West ADC Sum

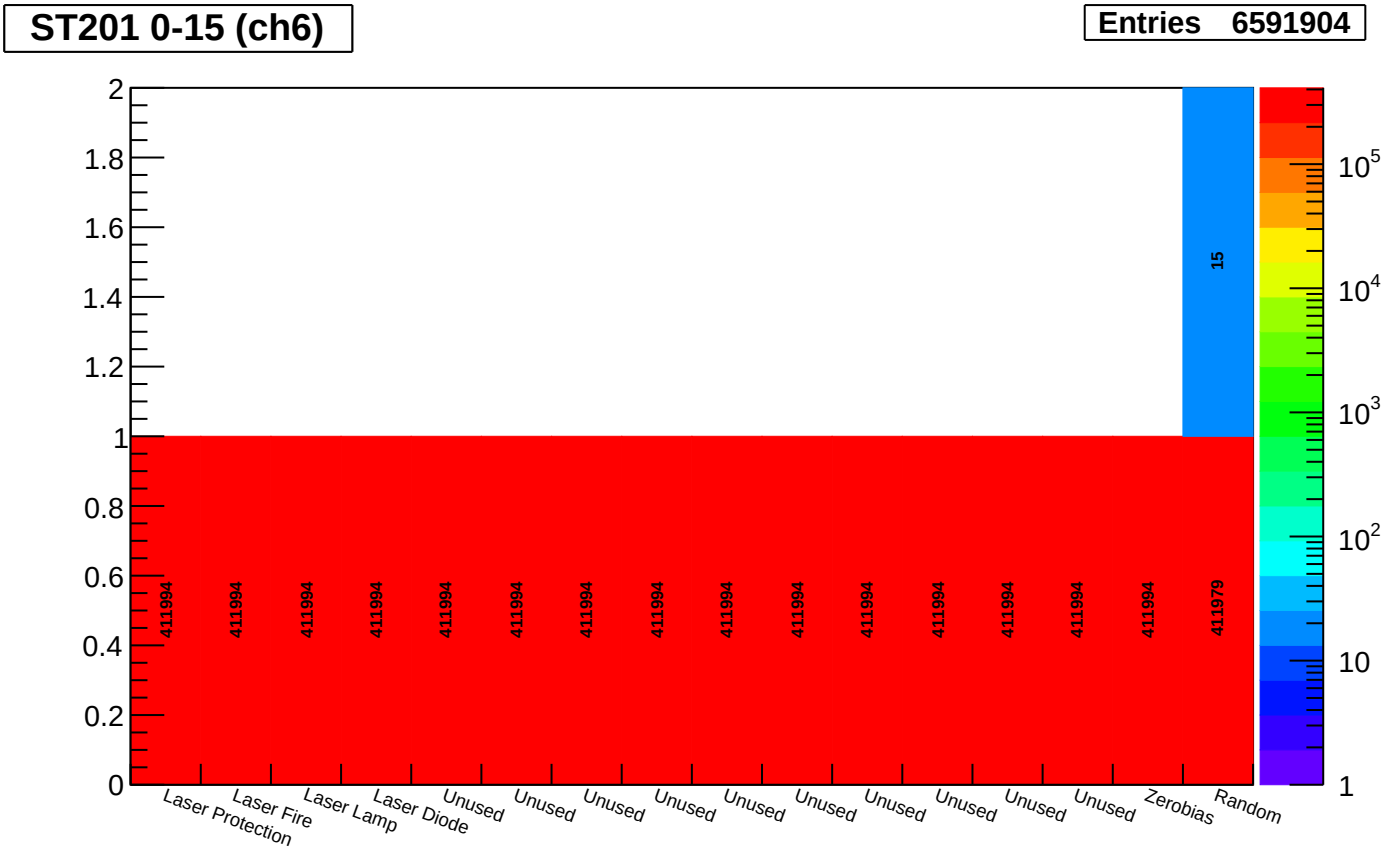

Entries 411994
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

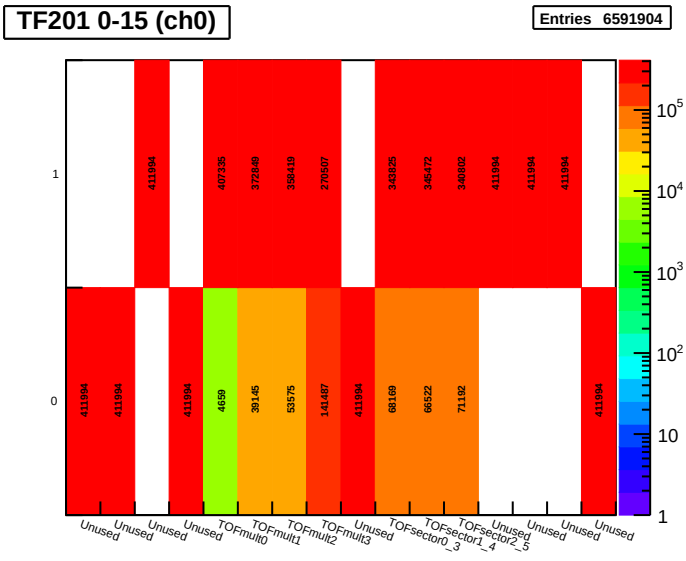

Entries 411994
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

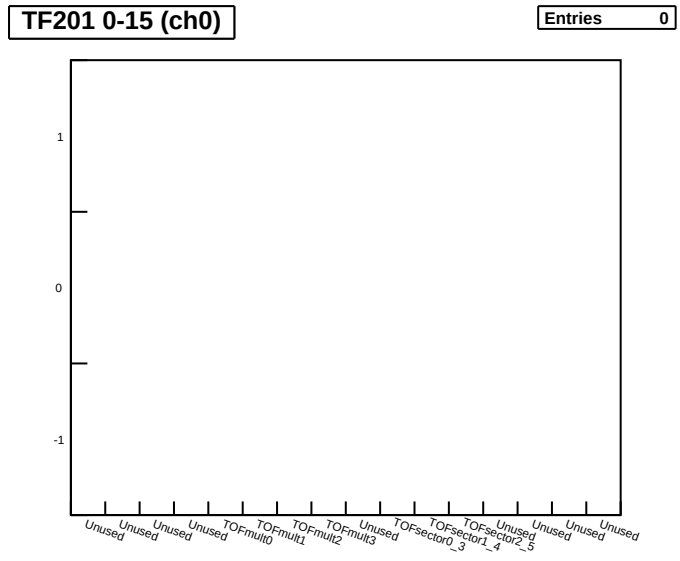

Entries 411994
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

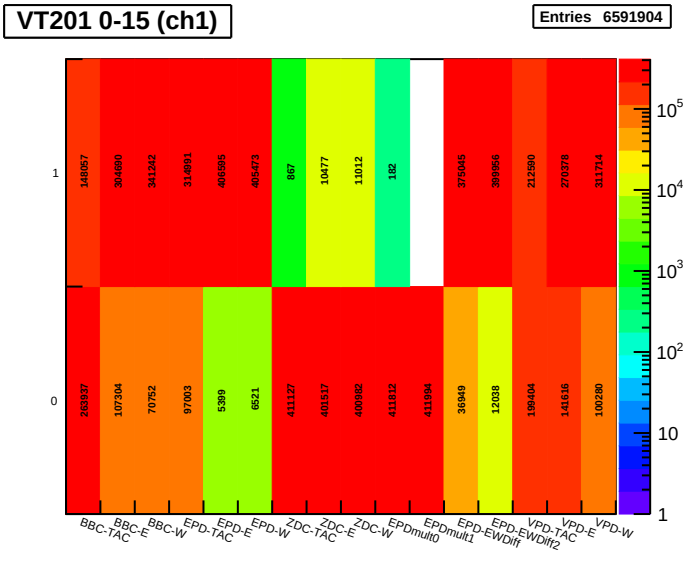

Entries 411994
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

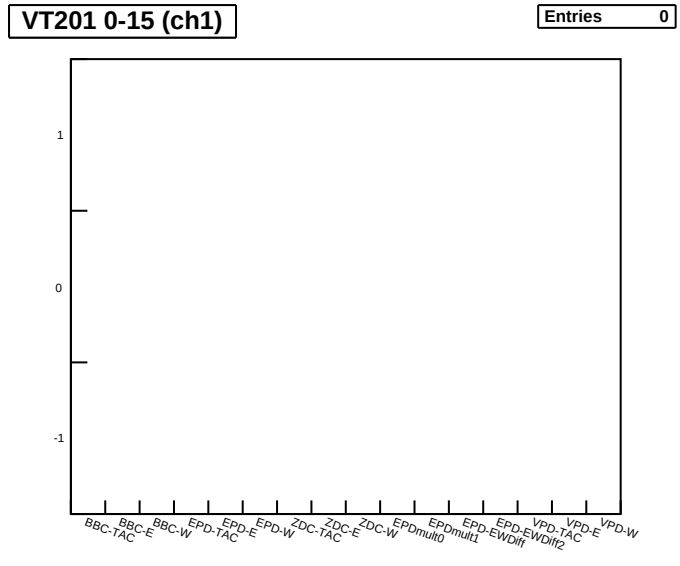

Laser Input Bits
Entries 411994
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

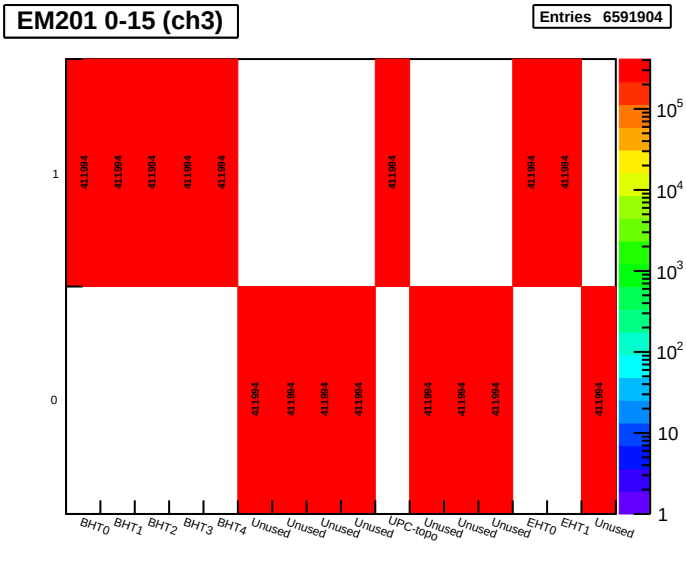

ST201 0-15 (ch6)
Entries 6591904
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
411994
411979
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

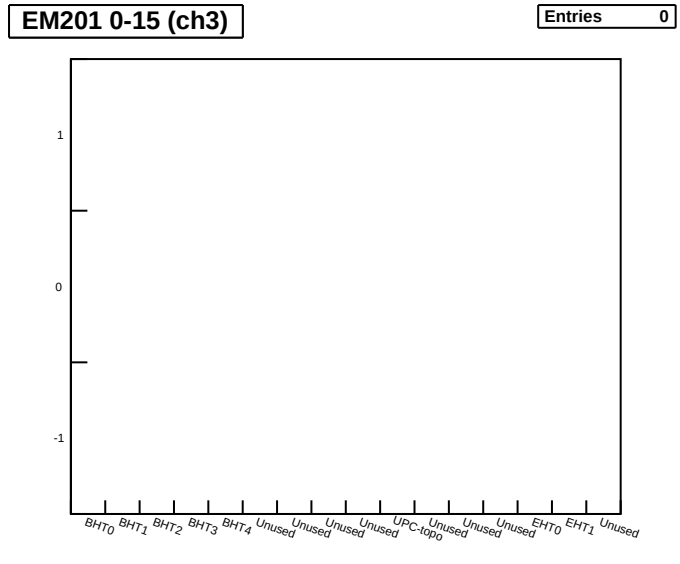

TF201 0-15 (ch0)
Entries 6591904
1
0
411994 411994 411994 407335 372849 338419 270507 343825 345472 340802 411994 411994 411994
411994 411994 411994 4659 39145 53575 141487 411994 68169 66522 71192 411994
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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


VT201 0-15 (ch1)
Entries 6591904
1
0
148057 304680 341242 314991 406595 405473 867 10477 11012 182 375045 399956 212590 270378 311714
263937 107304 70752 97003 5399 6521 411127 401517 400982 411812 411994 36949 12038 199404 141616 100280
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
1 10 10^2 10^3 10^4 10^5


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 6591904
1
0
411994 411994 411994 411994 411994 411994 411994 411994
411994 411994 411994 411994 411994 411994 411994 411994
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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