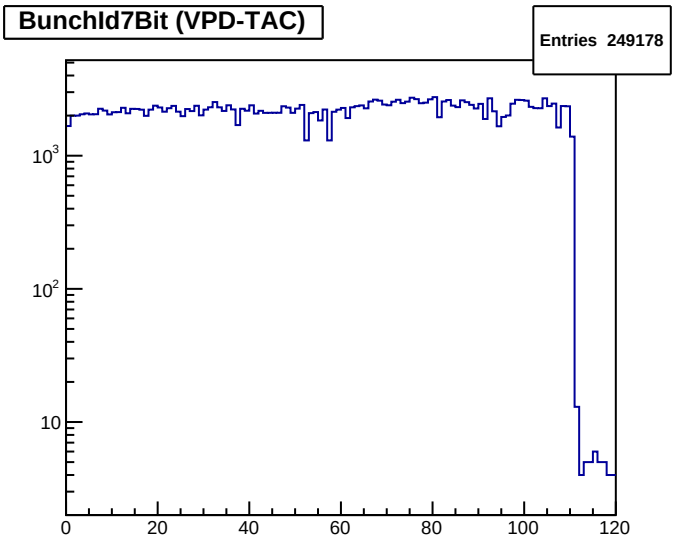
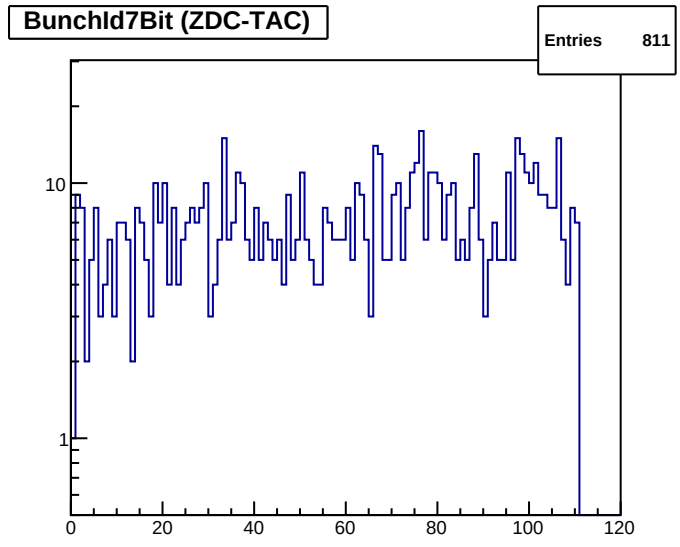
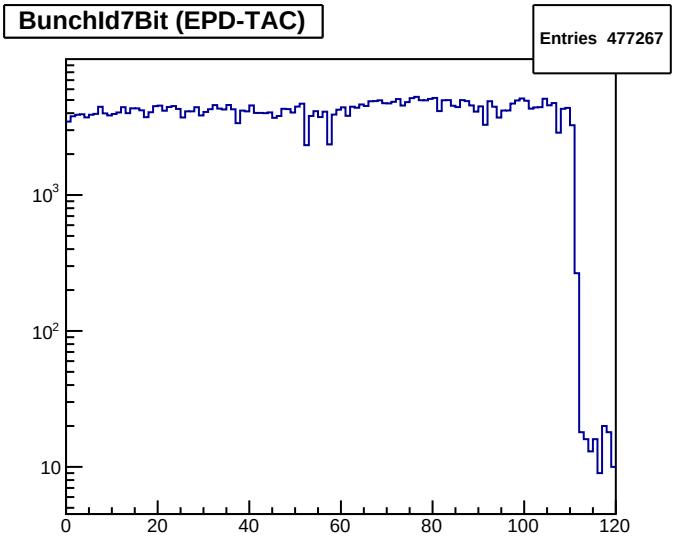
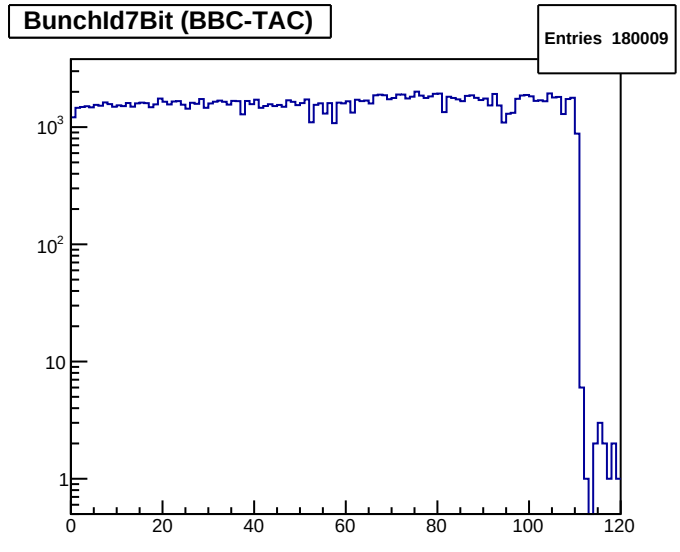
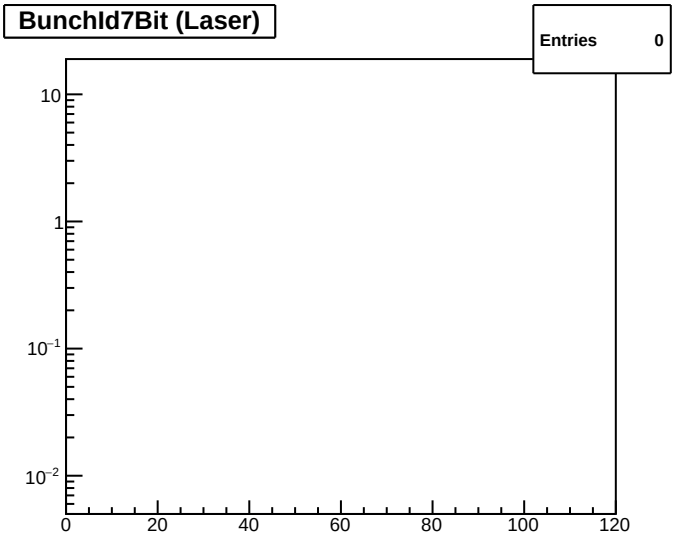
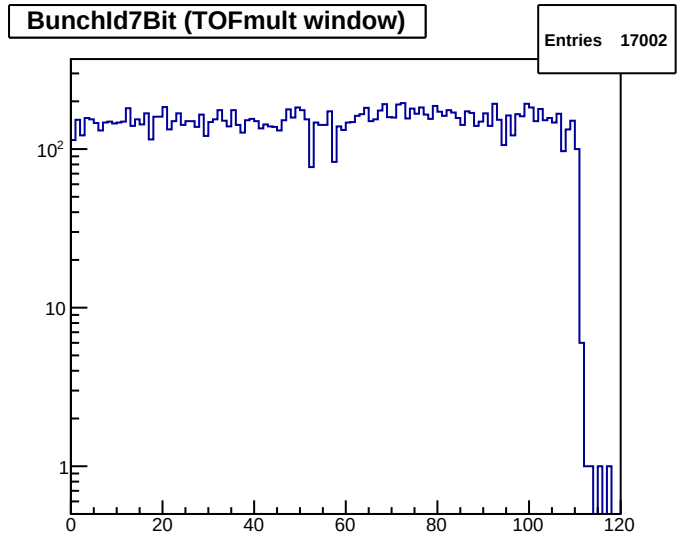

BunchId7Bit (VPD-TAC)
Entries 249178

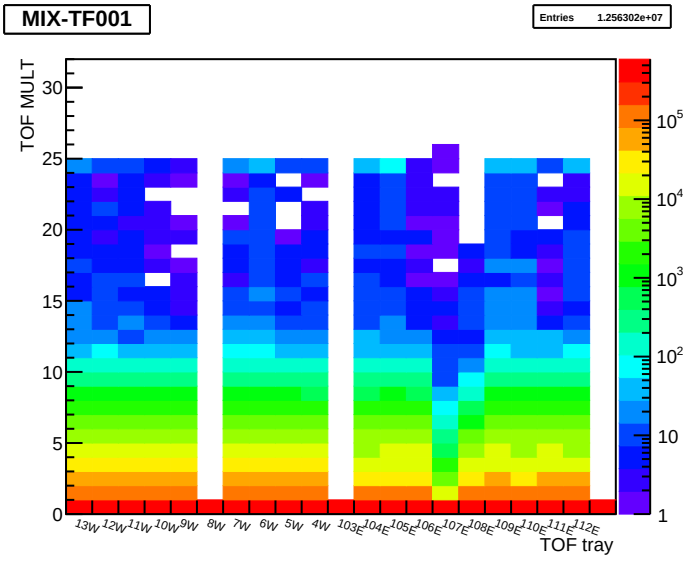

BunchId7Bit (ZDC-TAC)
Entries 811

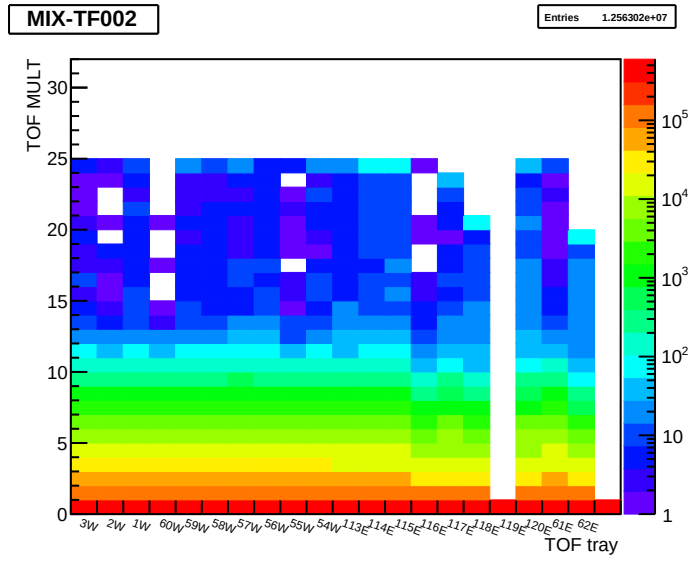

BunchId7Bit (EPD-TAC)
Entries 477267

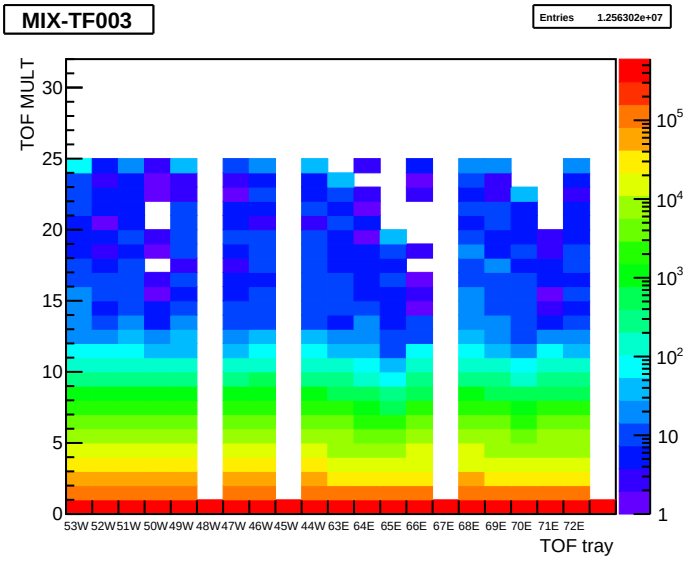

BunchId7Bit (BBC-TAC)
Entries 180009

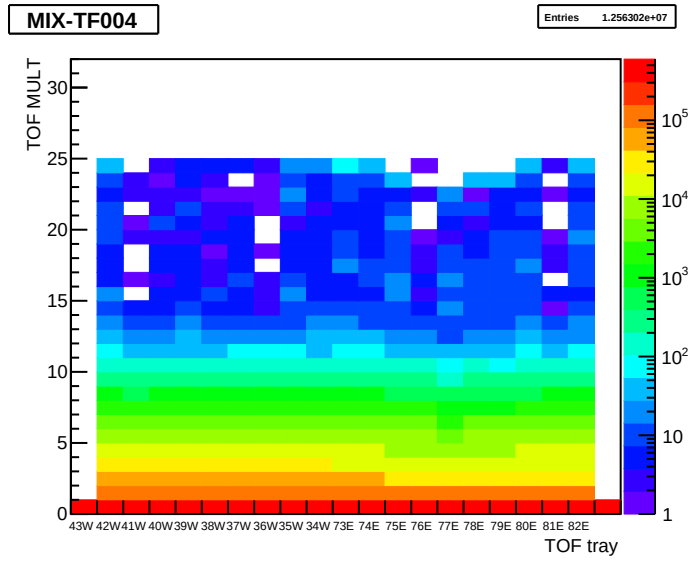

BunchId7Bit (Laser)
Entries 0

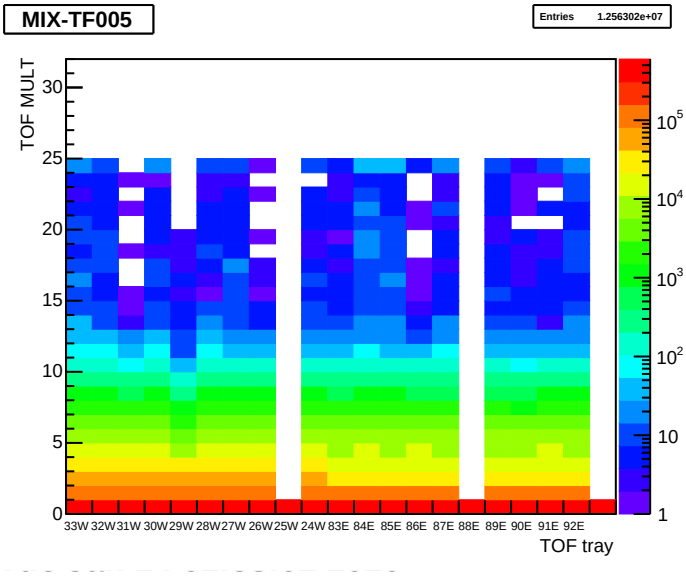

BunchId7Bit (TOFmult window)
Entries 17002

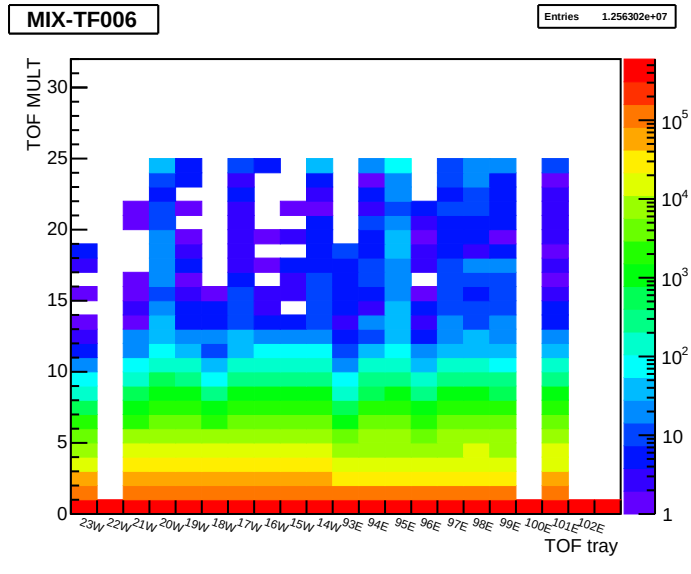

MIX-TF001
Entries 1.256302e+07
TOF MULT
TOF tray

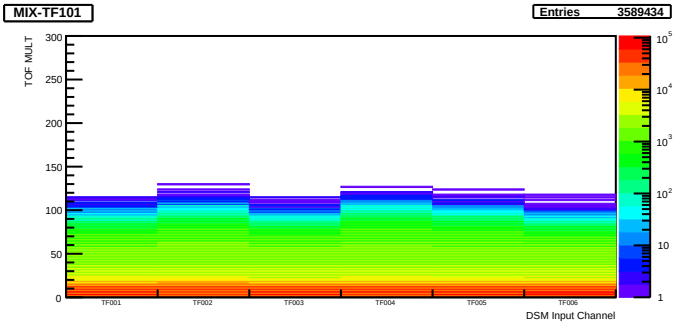

MIX-TF002
Entries 1.256302e+07
TOF MULT
TOF tray

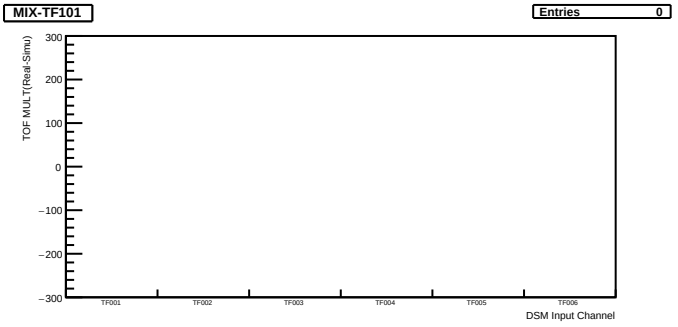

MIX-TF003
Entries 1.256302e+07
TOF MULT
TOF tray

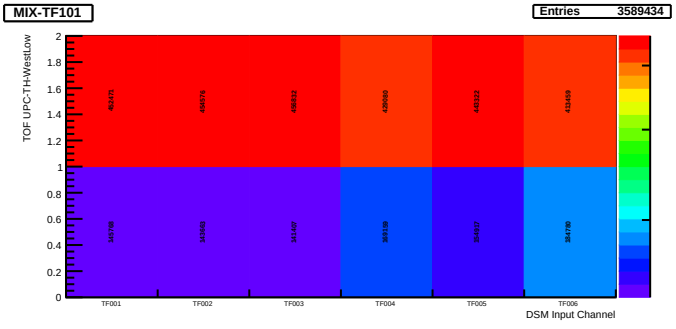

MIX-TF004
Entries 1.256302e+07
TOF MULT
TOF tray

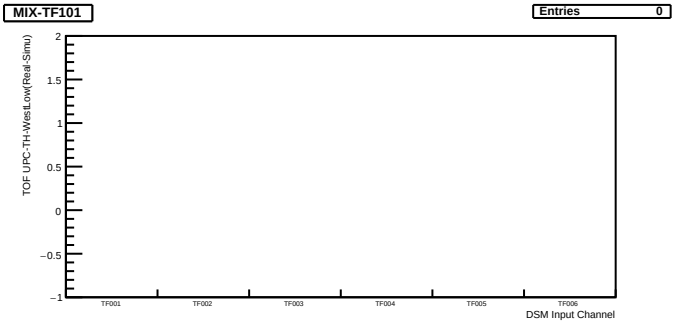

MIX-TF005
Entries 1.256302e+07
TOF MULT
TOF tray

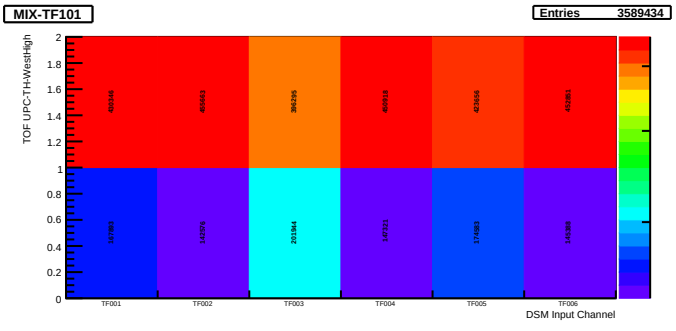

MIX-TF006
Entries 1.256302e+07
TOF MULT
TOF tray

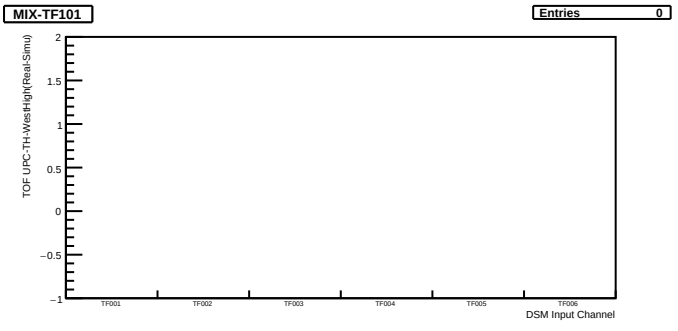

MIX-TF101
Entries 3589434
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

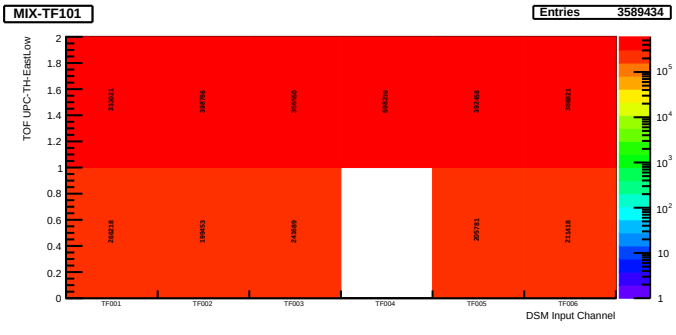

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

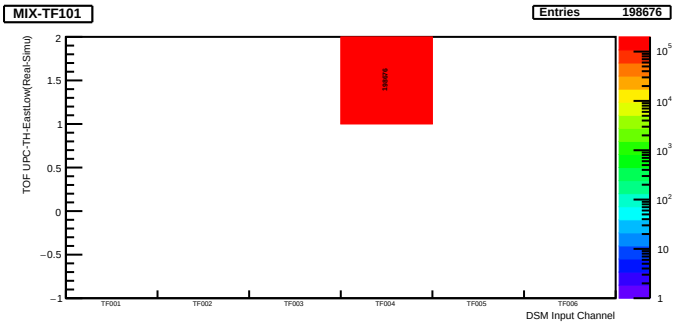

MIX-TF101
Entries 3589434
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

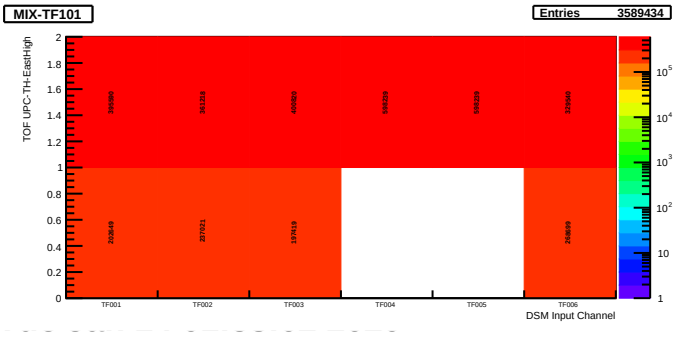

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

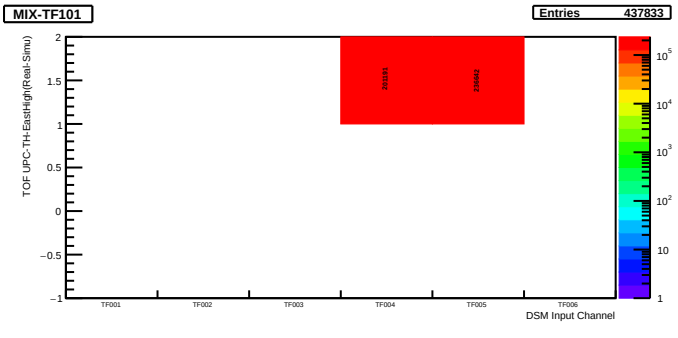

MIX-TF101
Entries 3589434
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

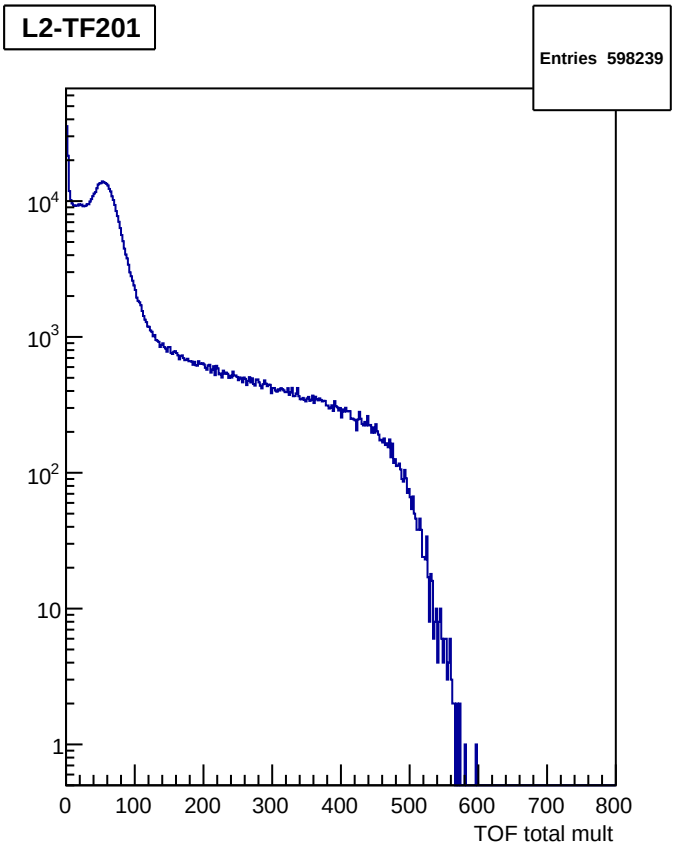

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

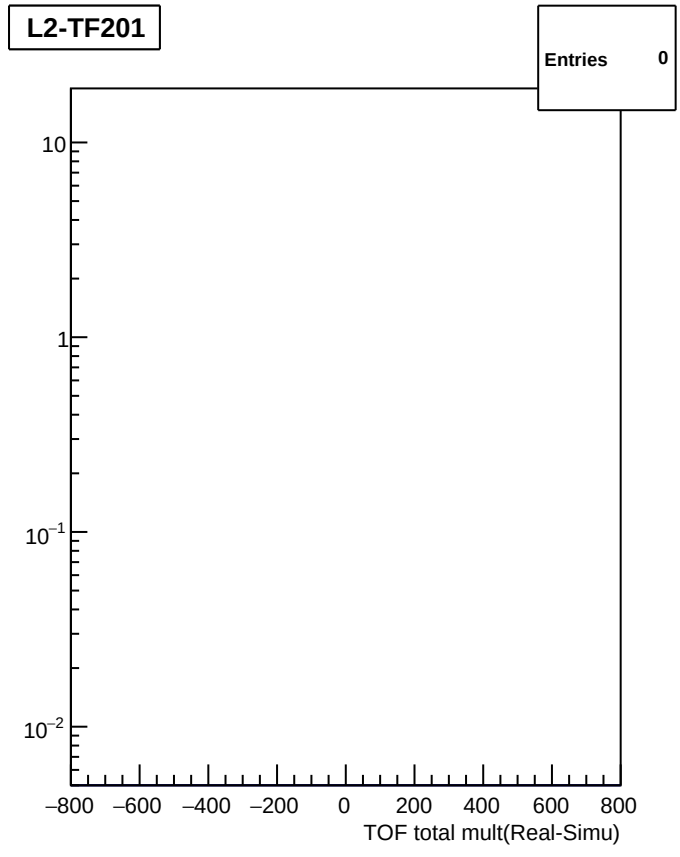

MIX-TF101
Entries 3589434
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

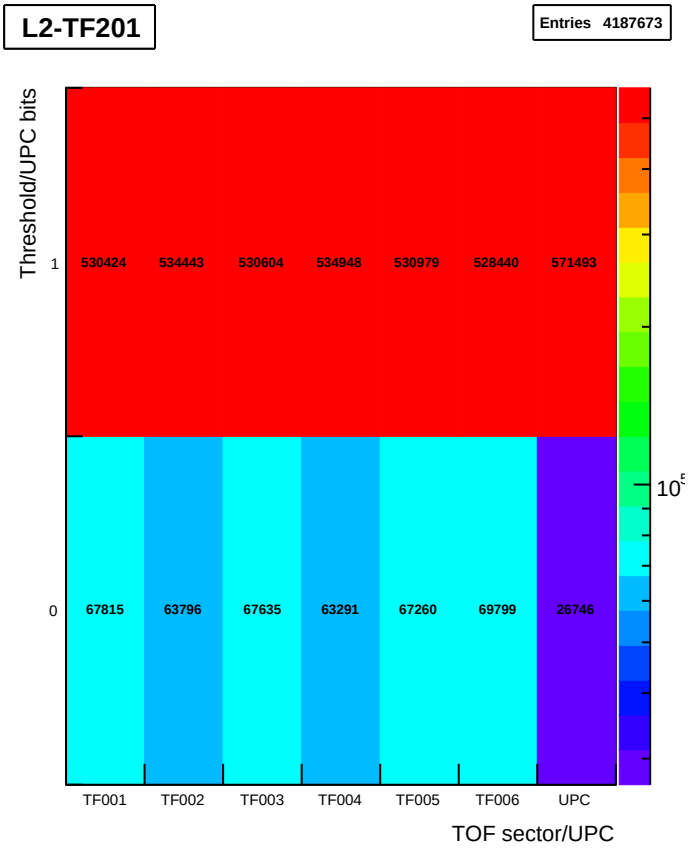

MIX-TF101
Entries 198676
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

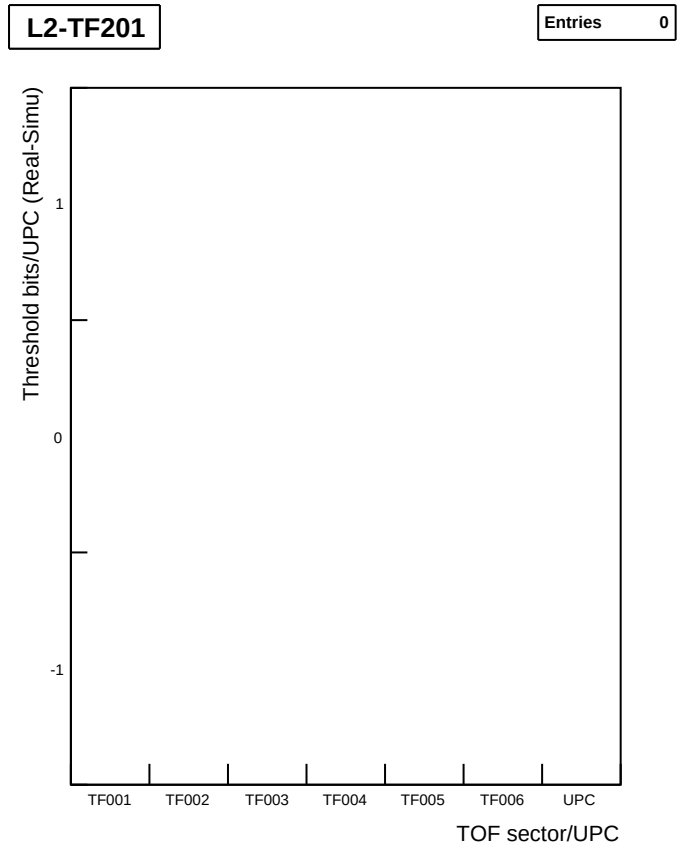

MIX-TF101
Entries 3589434
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

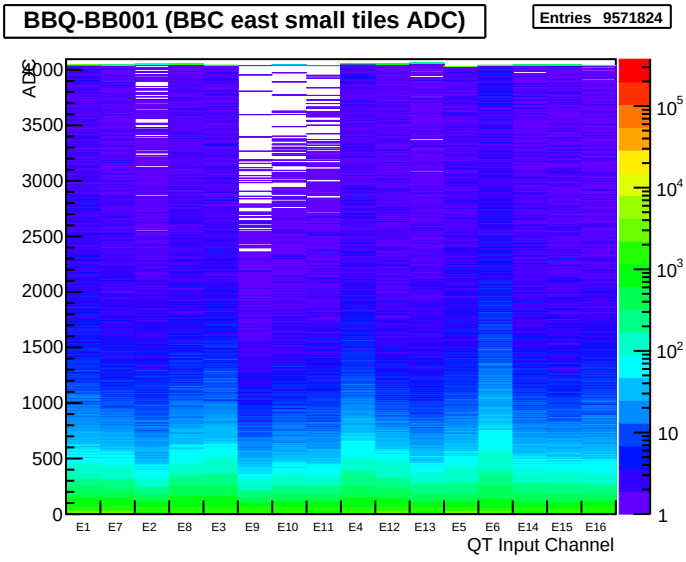

MIX-TF101
Entries 437833
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

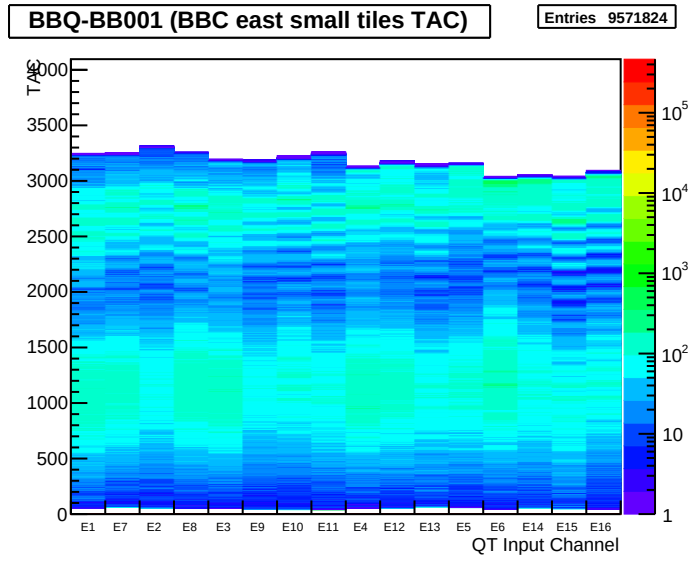

L2-TF201
Entries 598239
TOF total mult

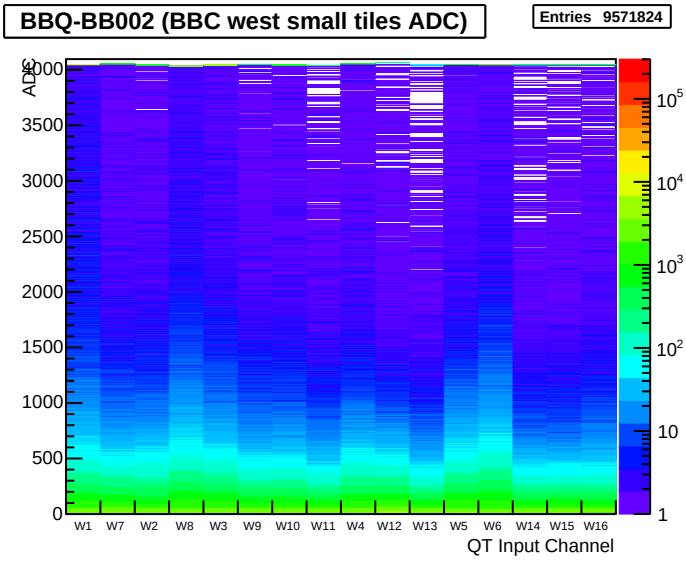

L2-TF201
Entries 0
TOF total mult(Real-Simu)

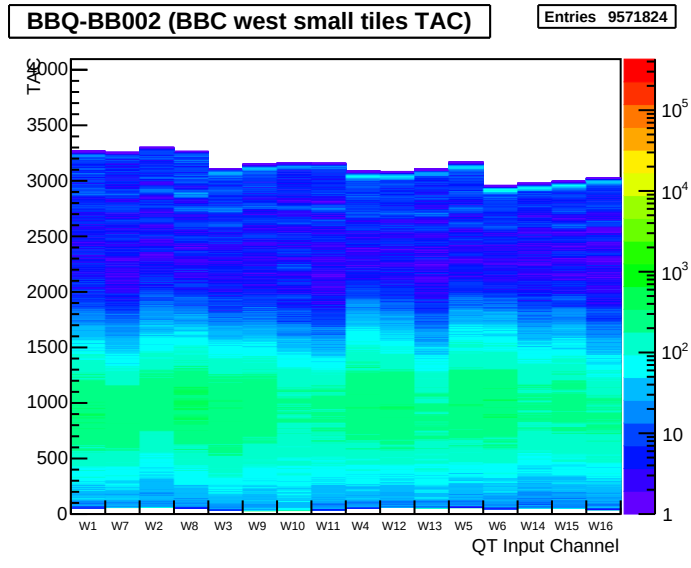

L2-TF201
Entries 4187673
Threshold/UPC bits
530424
534443
530604
534948
530979
528440
571493
67815
63796
67635
63291
67260
69799
26746
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

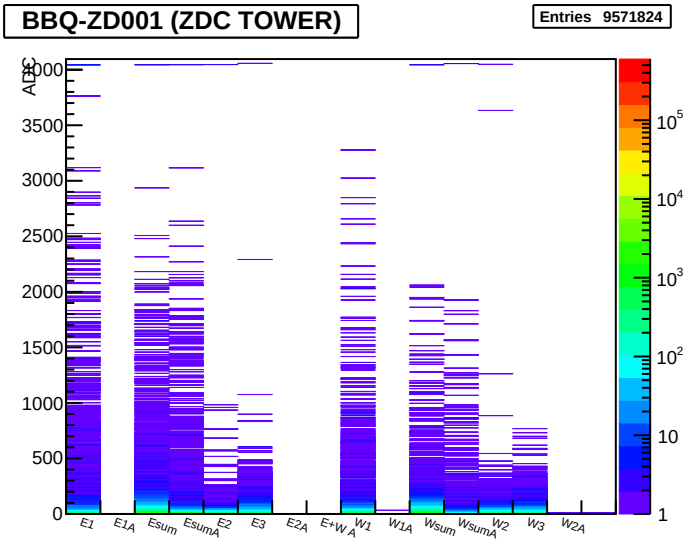

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

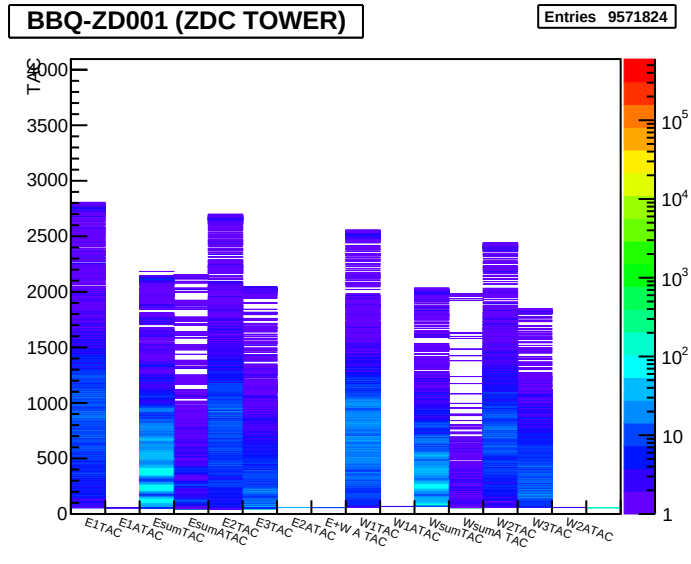

BBQ-BB001 (BBC east small tiles ADC)
Entries 9571824
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

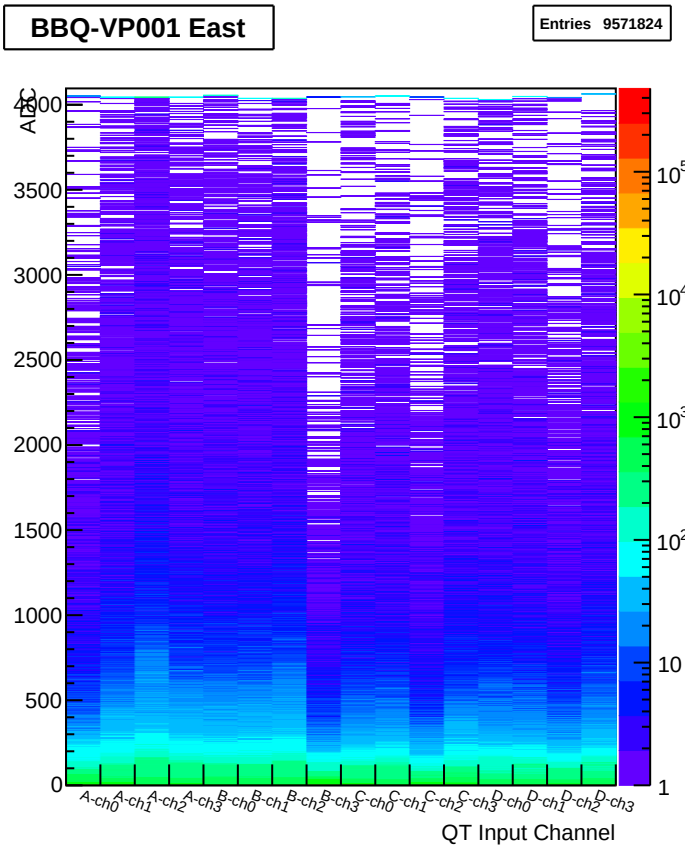

BBQ-BB001 (BBC east small tiles TAC)
Entries 9571824
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

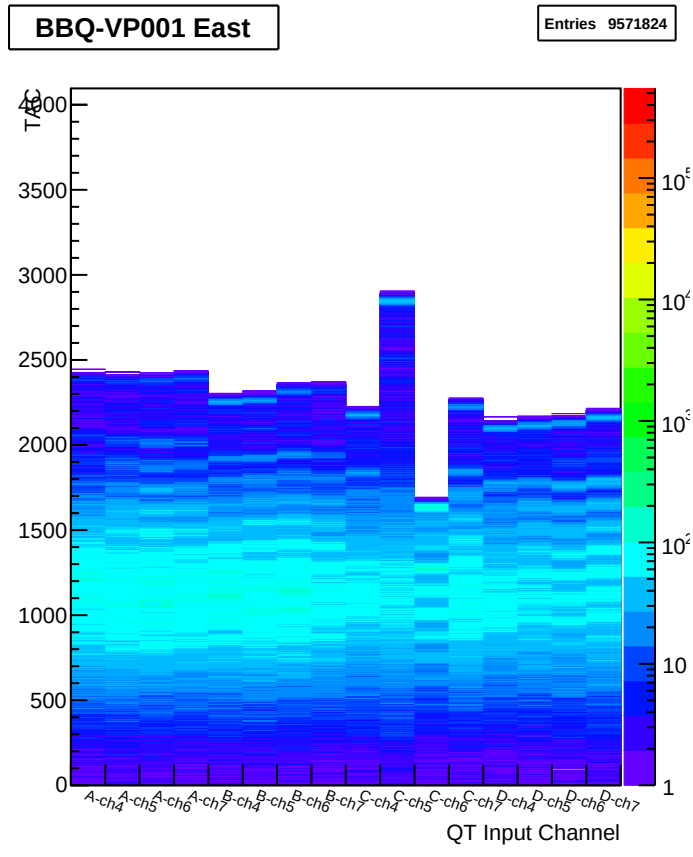

BBQ-BB002 (BBC west small tiles ADC)
Entries 9571824
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

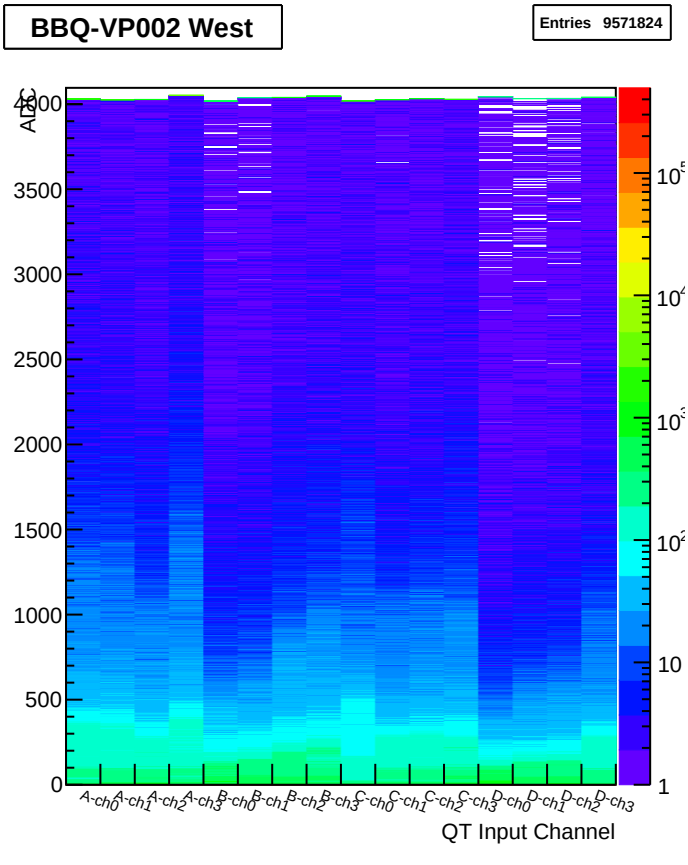

BBQ-BB002 (BBC west small tiles TAC)
Entries 9571824
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

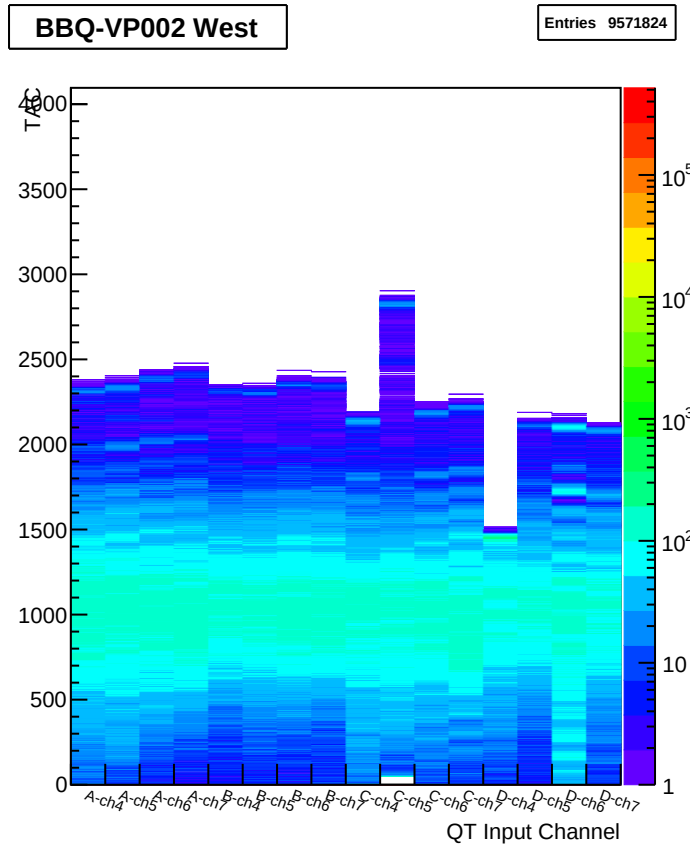

BBQ-ZD001 (ZDC TOWER)
Entries 9571824
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

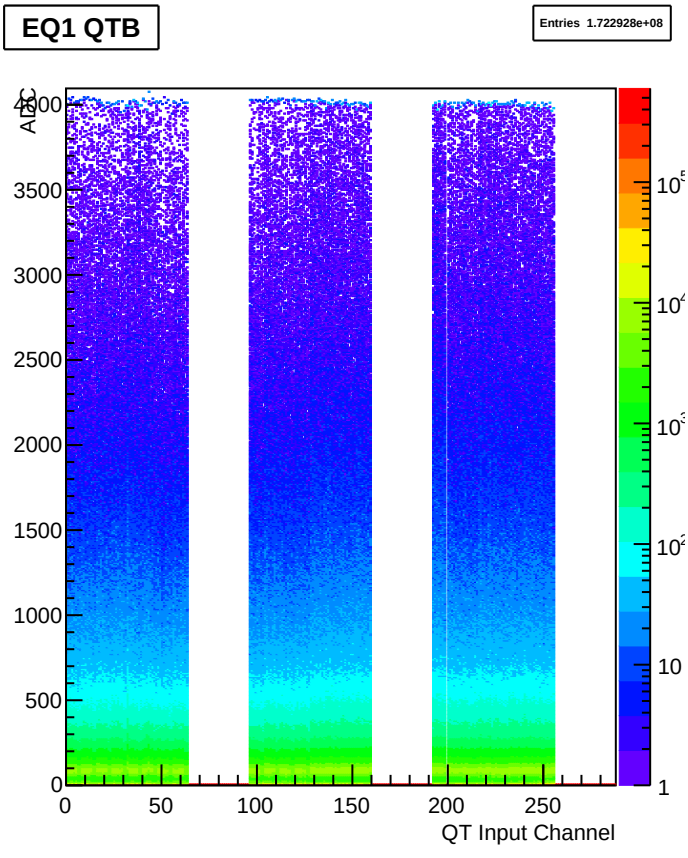

BBQ-ZD001 (ZDC TOWER)
Entries 9571824
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

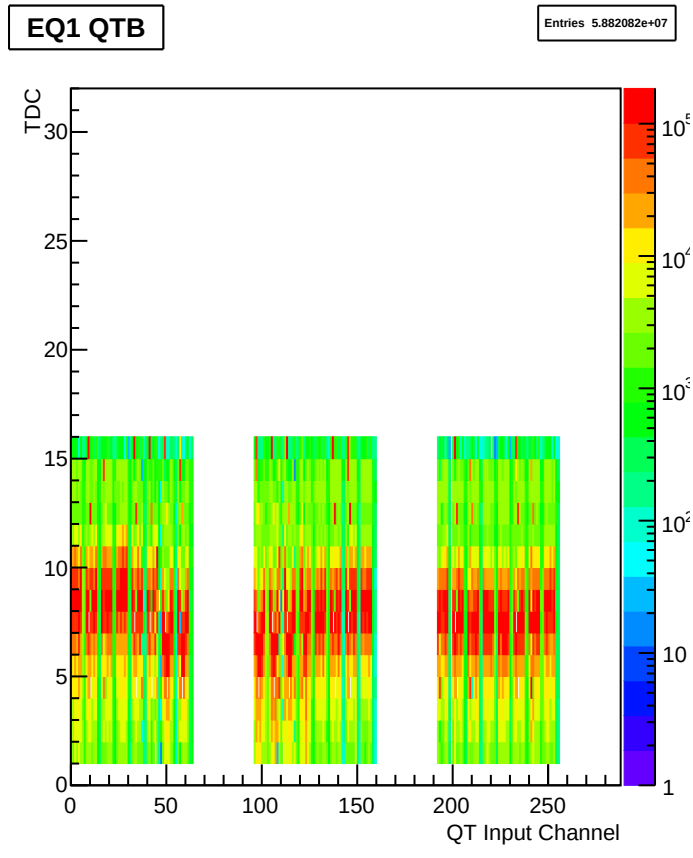

BBQ-VP001 East
Entries 9571824
ADC
QT Input Channel

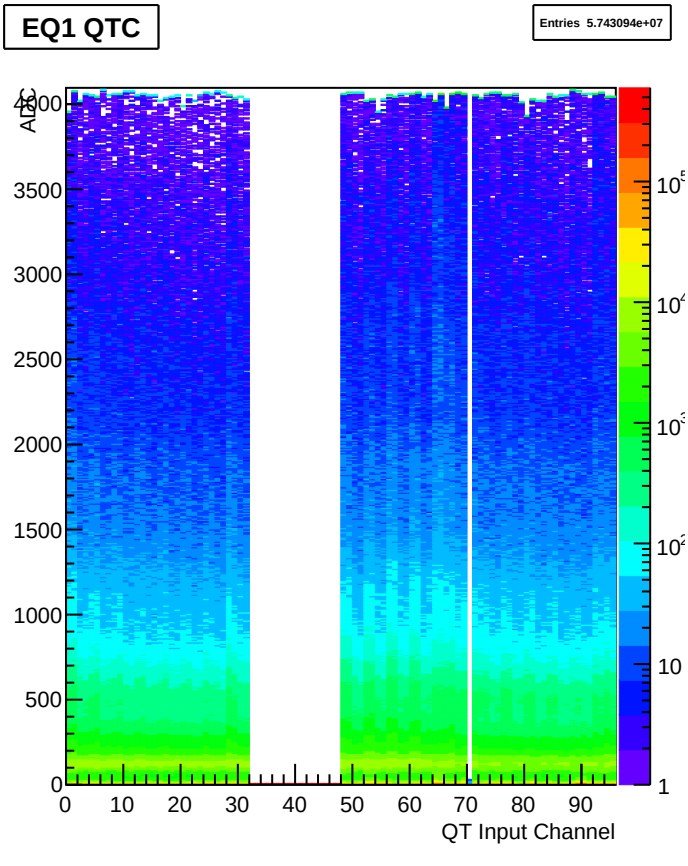

BBQ-VP001 East
Entries 9571824
TADC
QT Input Channel

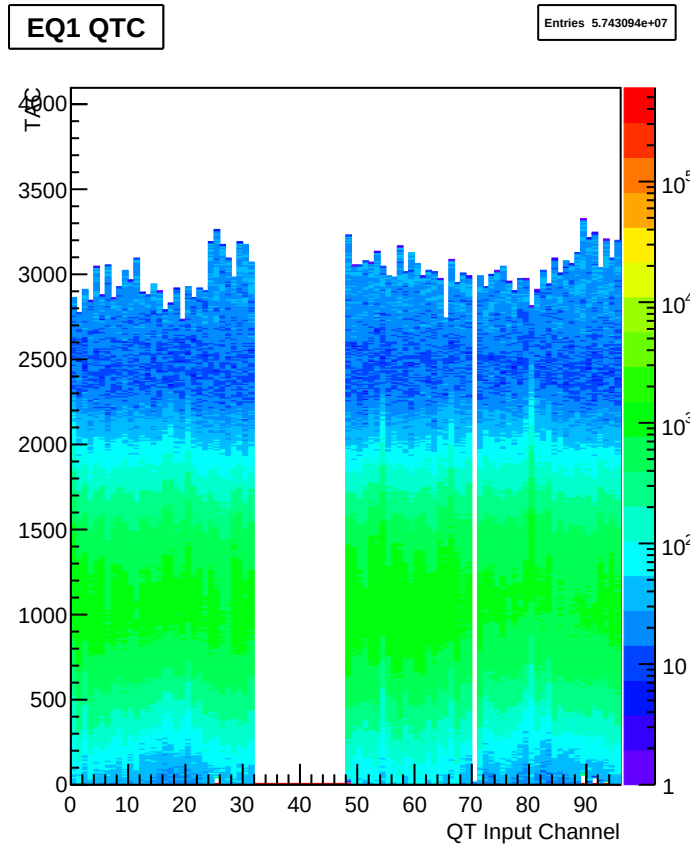

BBQ-VP002 West
Entries 9571824
ADC
QT Input Channel

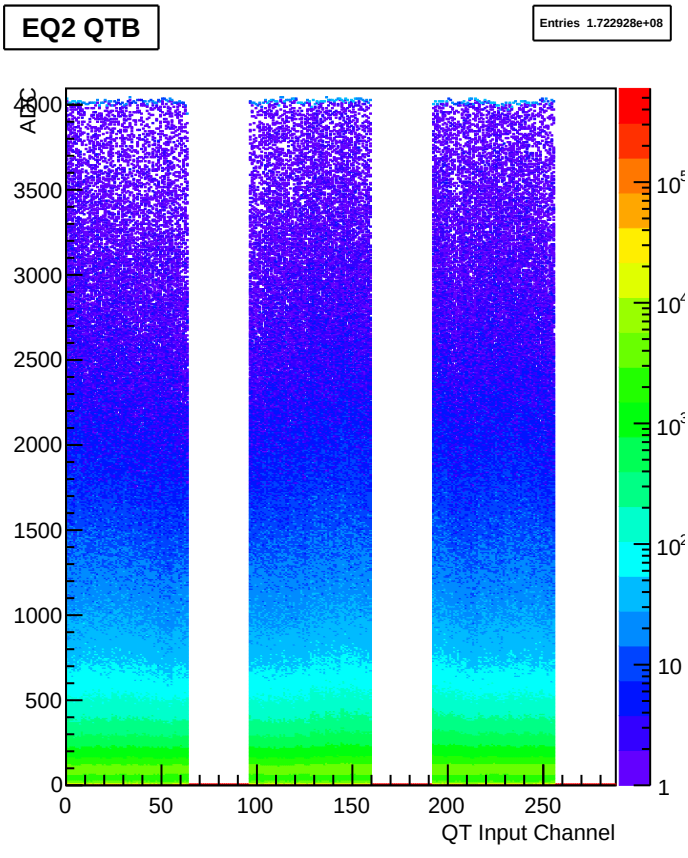

BBQ-VP002 West
Entries 9571824
TADC
QT Input Channel

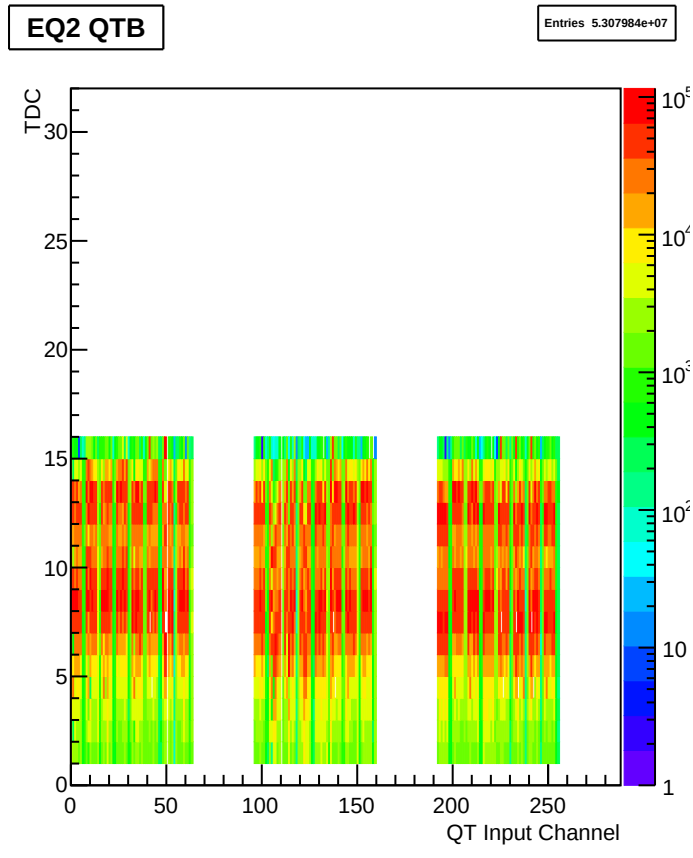

EQ1 QTB
Entries 1.722928e+08
ADC
QT Input Channel

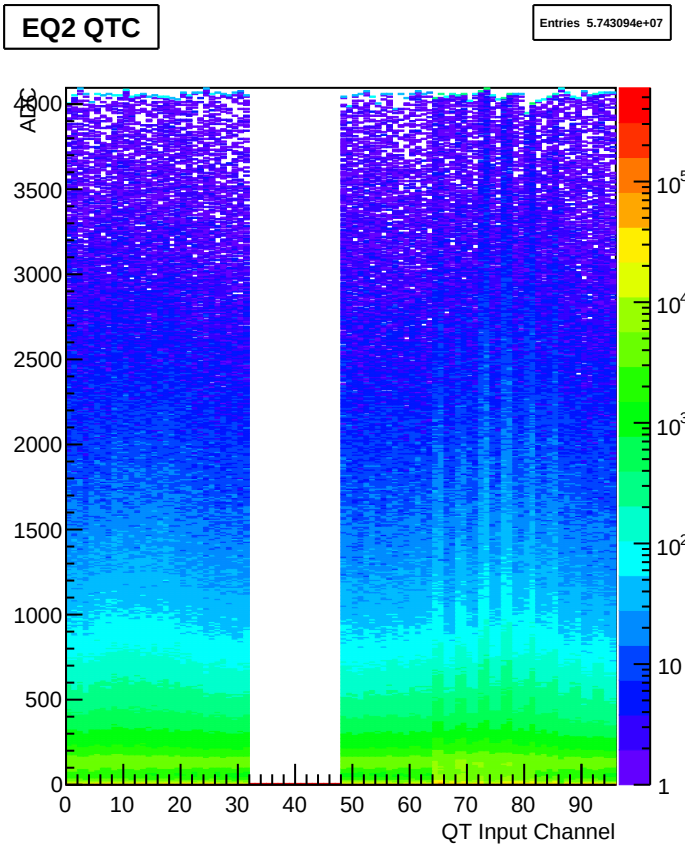

EQ1 QTB
Entries 5.882082e+07
TDC
QT Input Channel

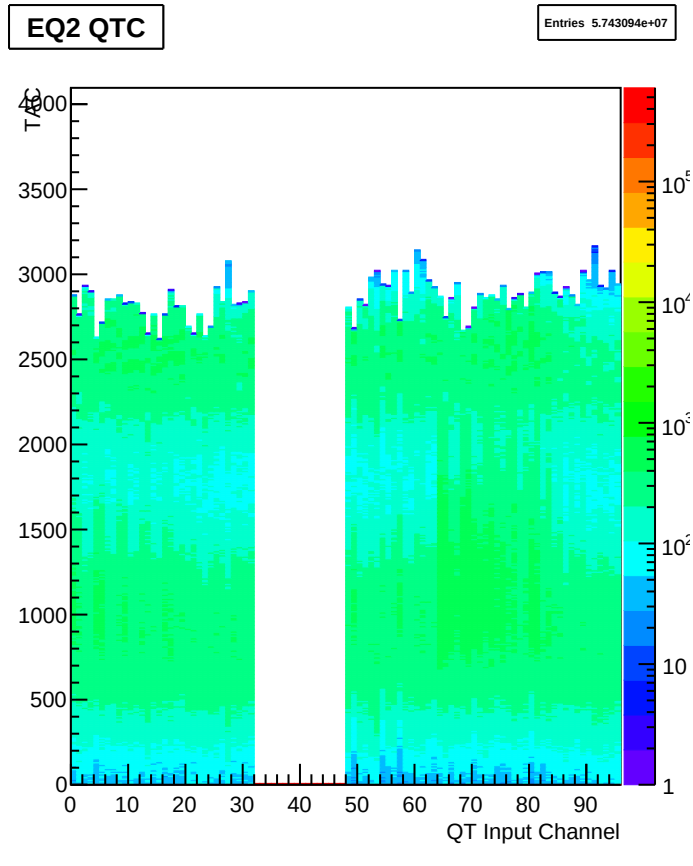

EQ1 QTC
Entries 5.743094e+07
ADC
QT Input Channel

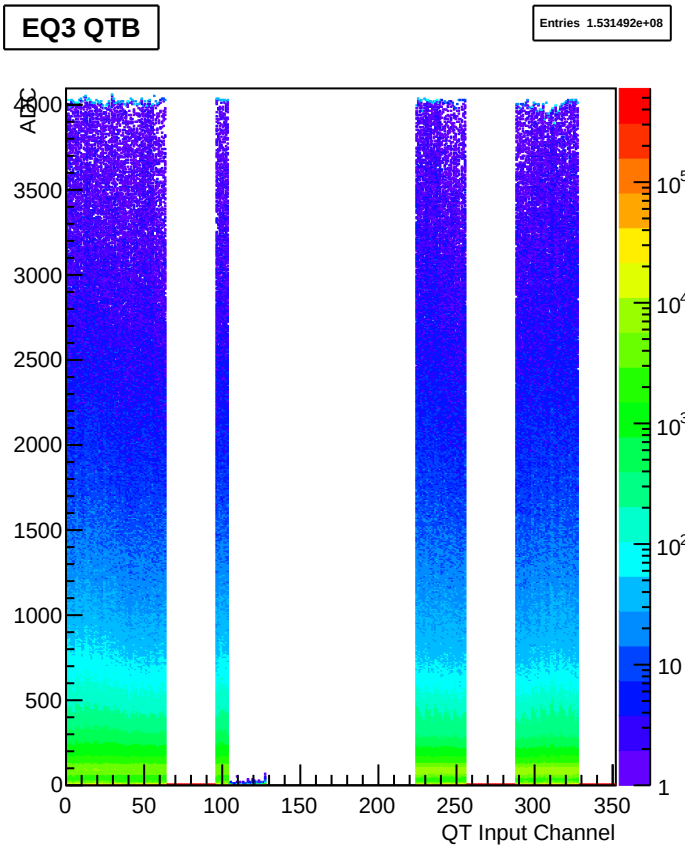

EQ1 QTC
Entries 5.743094e+07
TADC
QT Input Channel

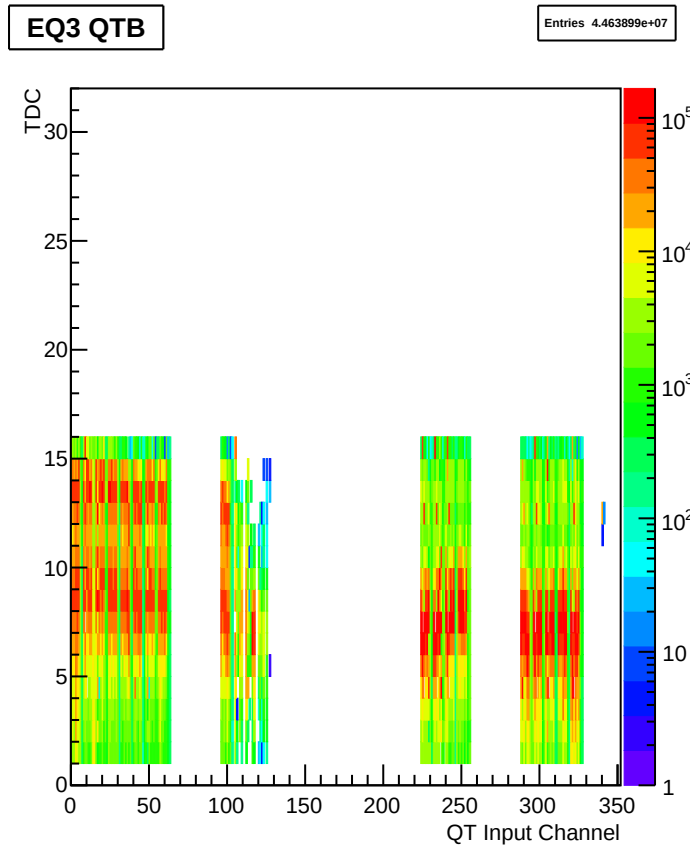

EQ2 QTB
Entries 1.722928e+08
ADC
QT Input Channel

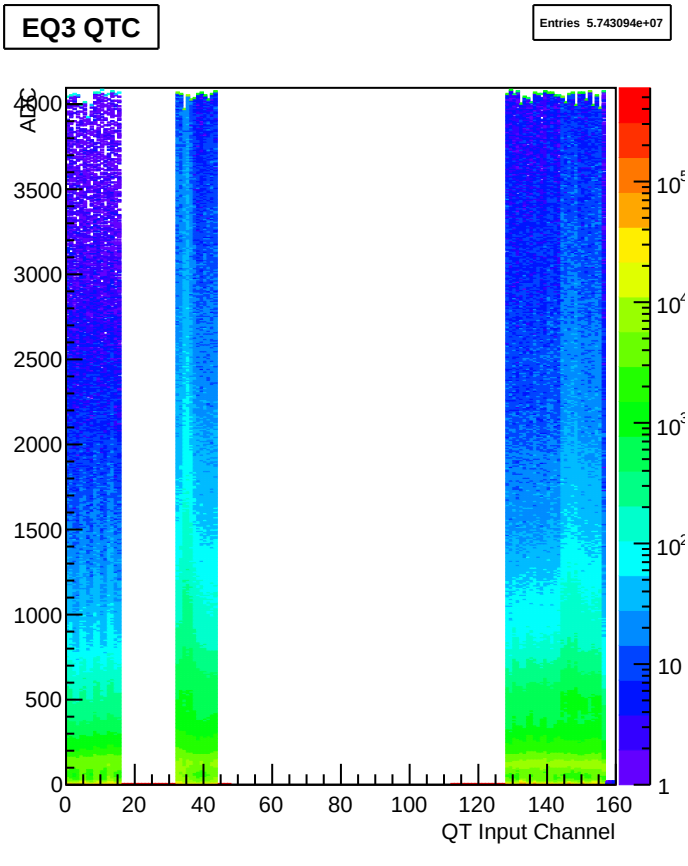

EQ2 QTB
Entries 5.307984e+07
TDC
QT Input Channel

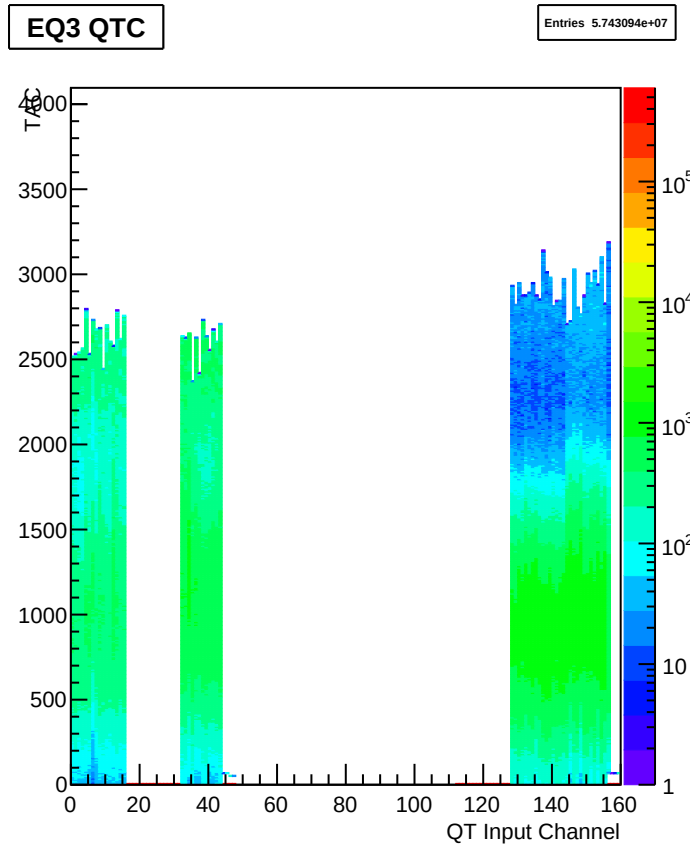

EQ2 QTC
Entries 5.743094e+07
ADC
QT Input Channel

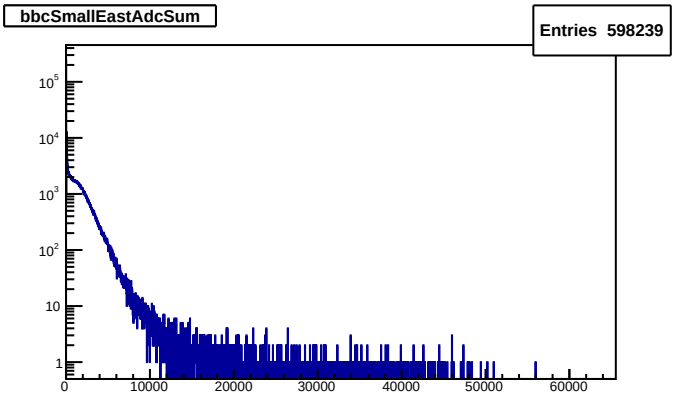

EQ2 QTC
Entries 5.743094e+07
TADC
QT Input Channel

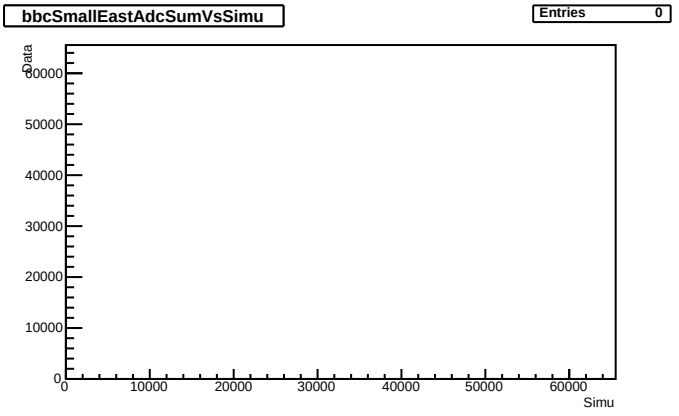

EQ3 QTB
Entries 1.531492e+08
ADC
QT Input Channel

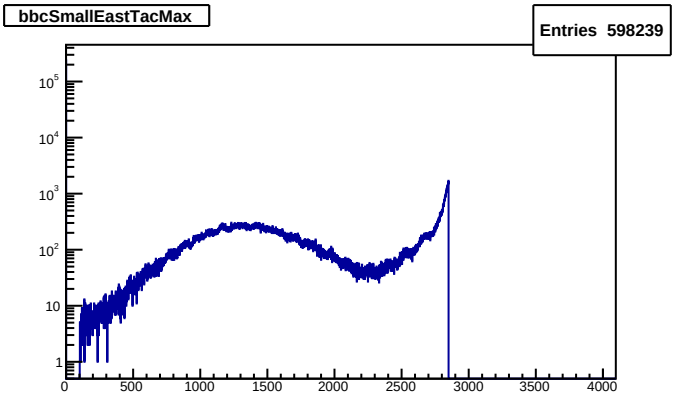

EQ3 QTB
Entries 4.463899e+07
TDC
QT Input Channel

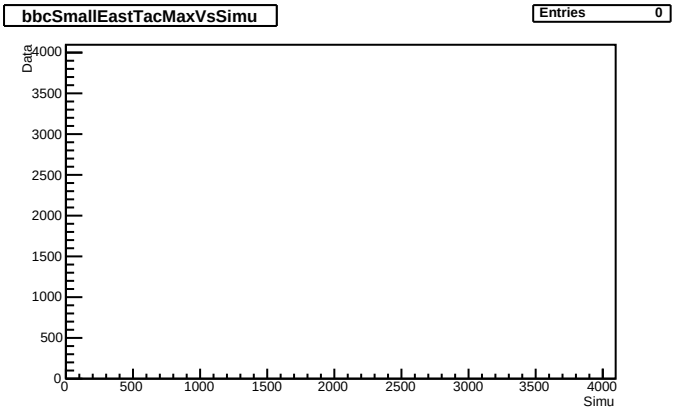

EQ3 QTC
Entries 5.743094e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.743094e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 598239


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 598239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Entries 0
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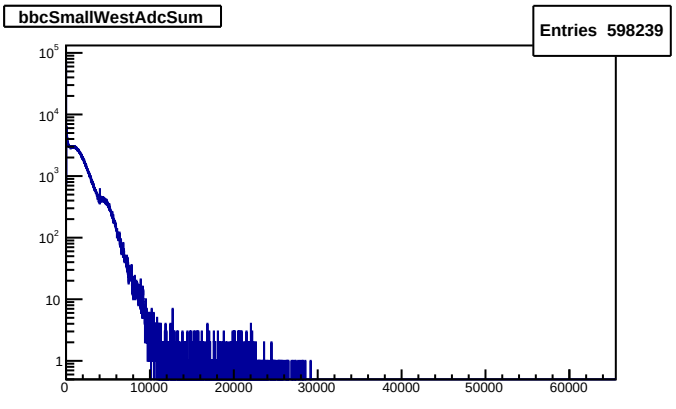
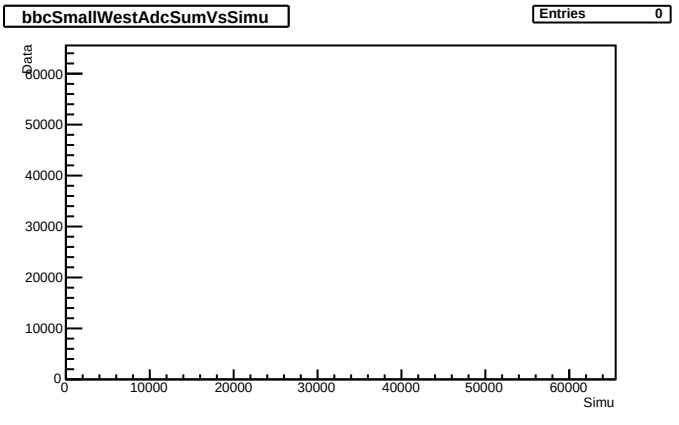

bbcSmallWestAdcSum
Entries 598239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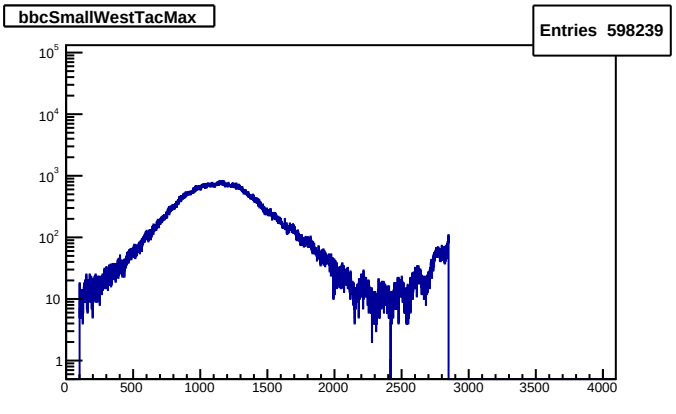
Entries 0
Data
Simu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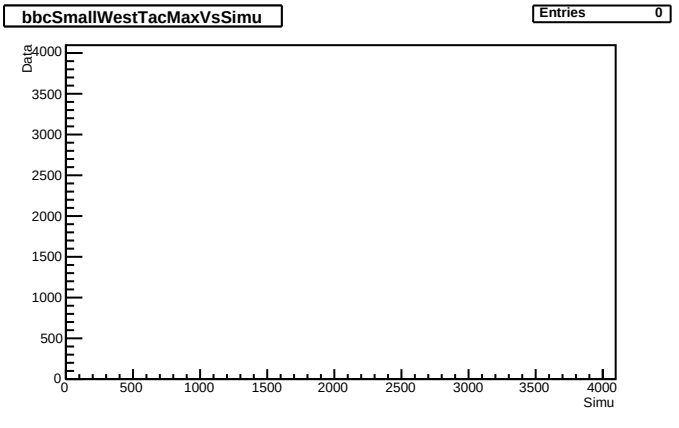
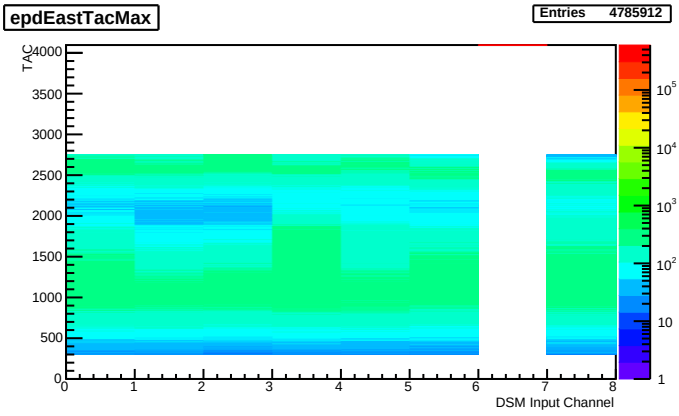
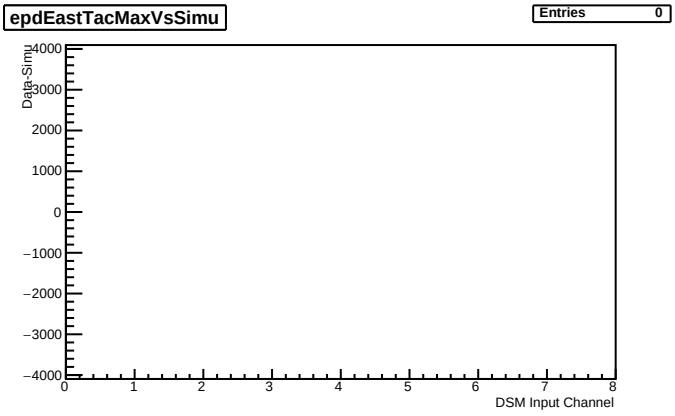
Entries 598239


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 4785912
TAC
DSM Input Channel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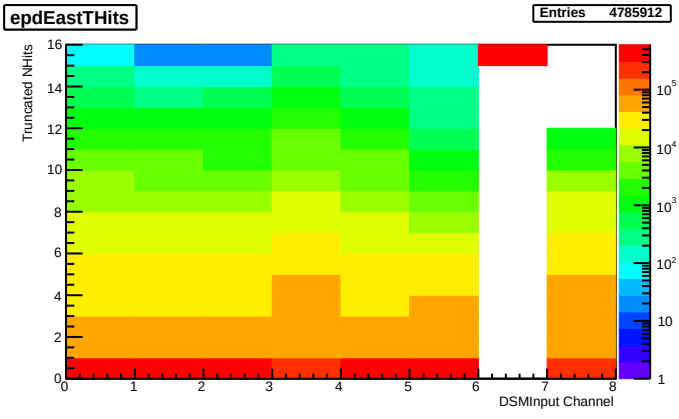
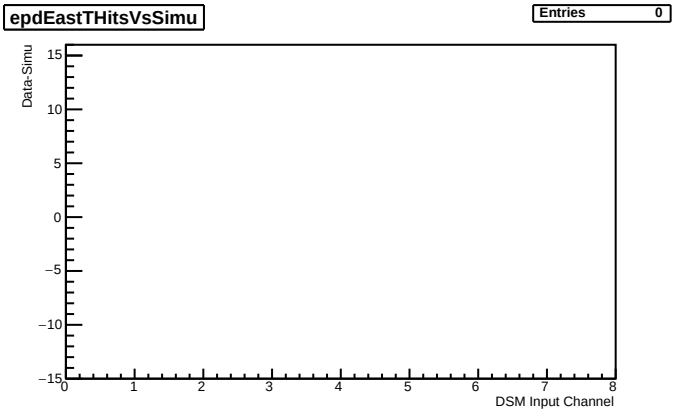
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4785912
Truncated NHits
DSMInput Channel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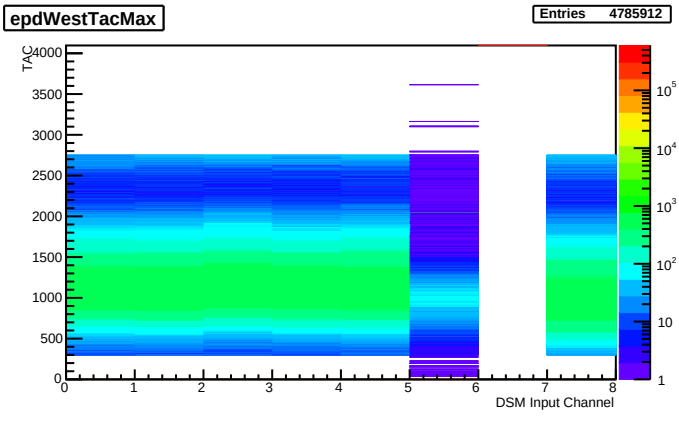
Data-Simu
DSM Input Channel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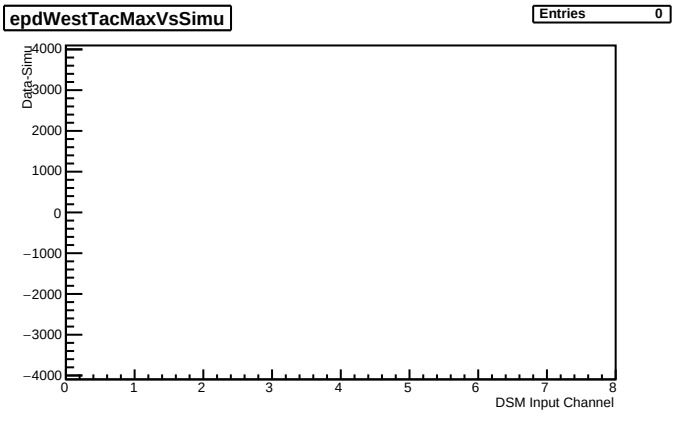
Entries 4785912
TAC
DSM Input Channel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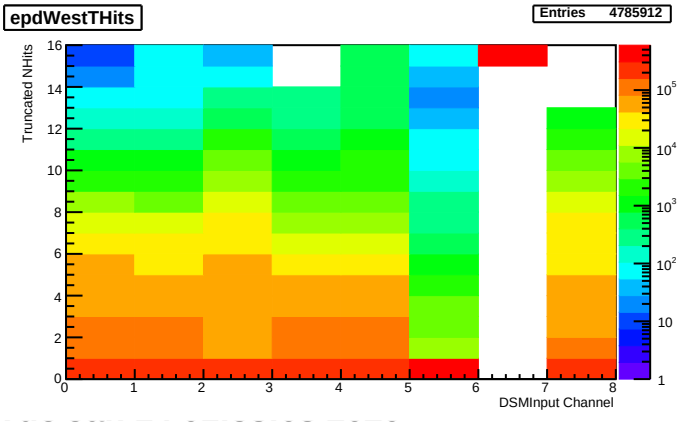
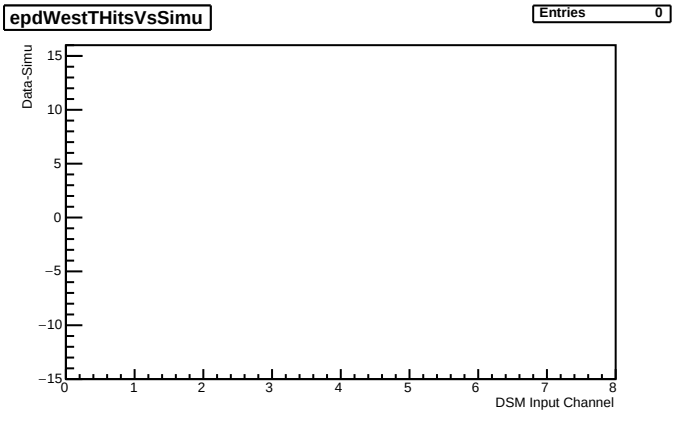
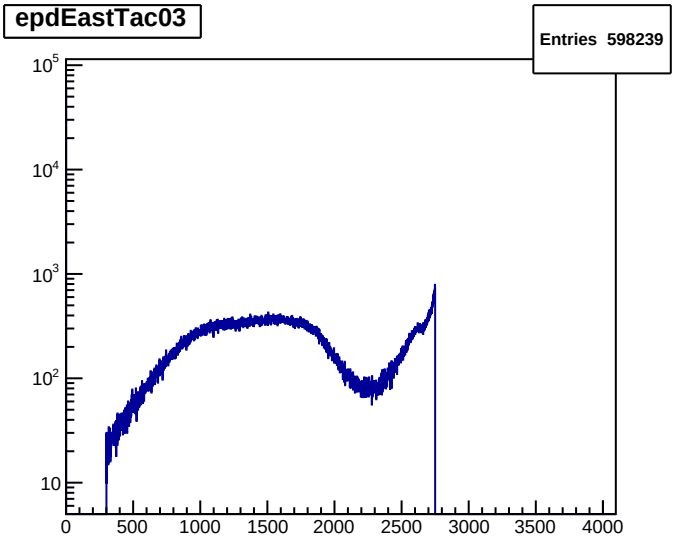
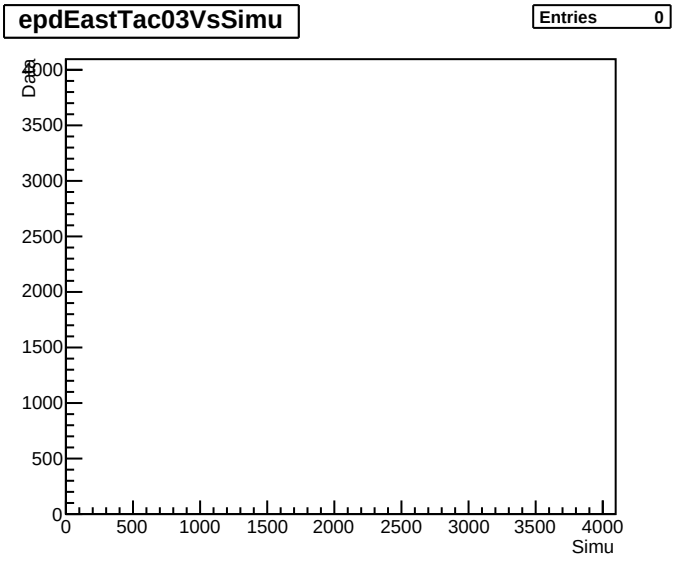
DSM Input Channel


epdWestTHits
Entries 4785912
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 598239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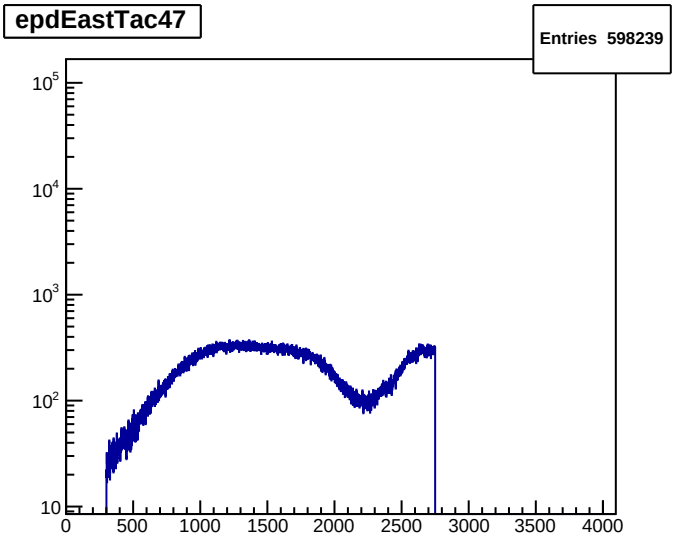
Entries 0
Data
Simu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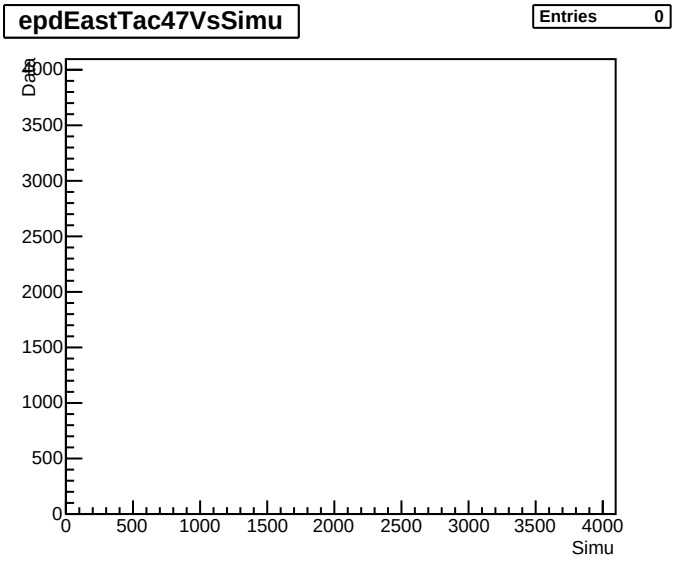
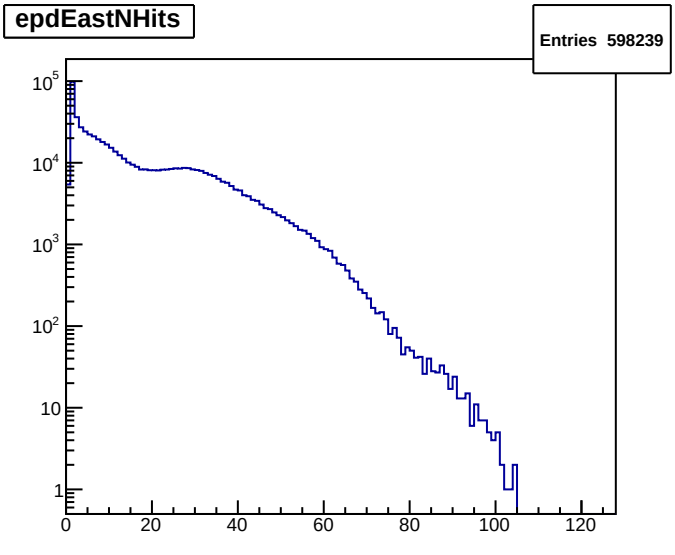
Entries 598239


epdEastTac47VsSimu
Entries 0
Data
Simu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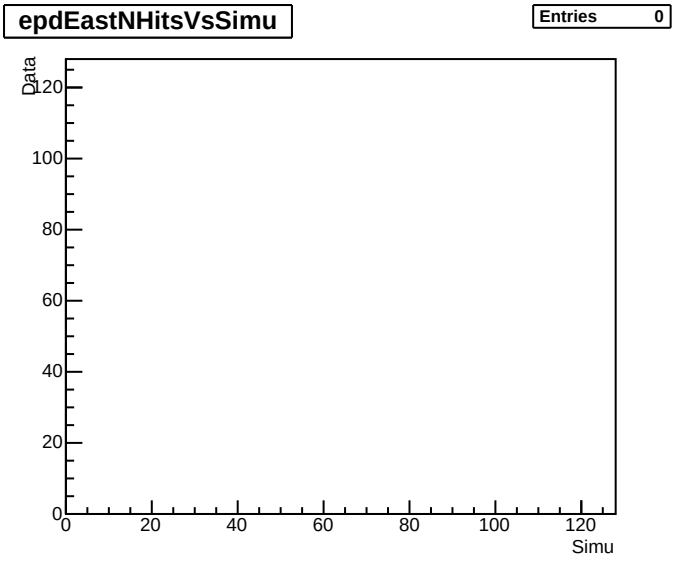
Entries 598239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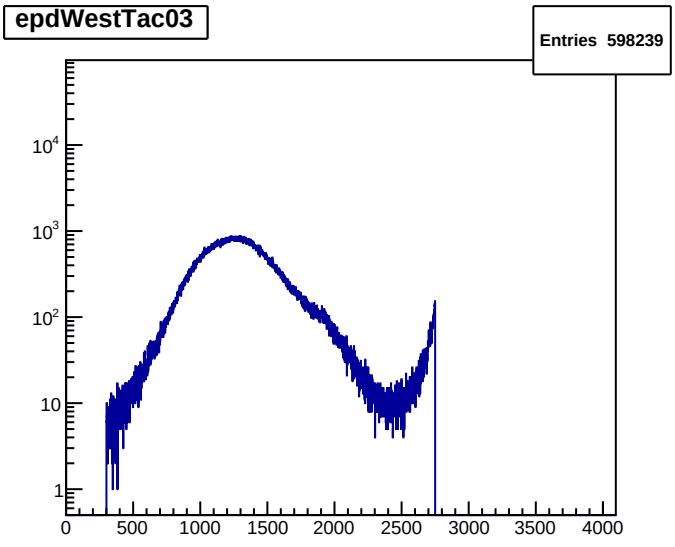
Entries 0
Data
Simu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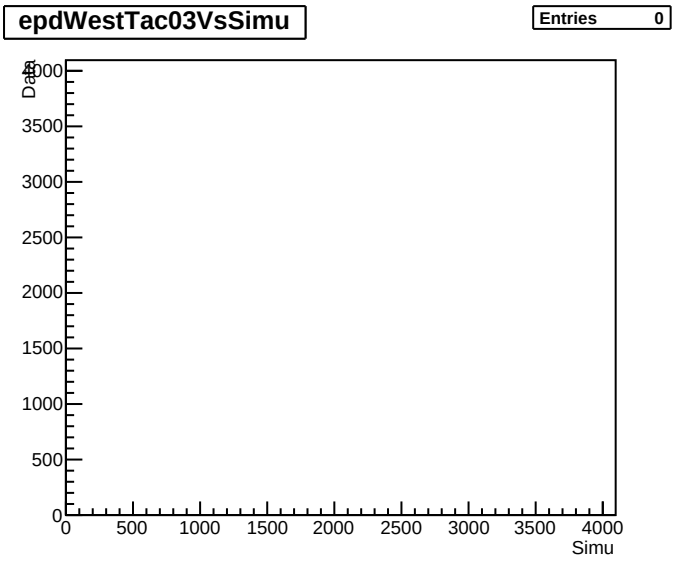
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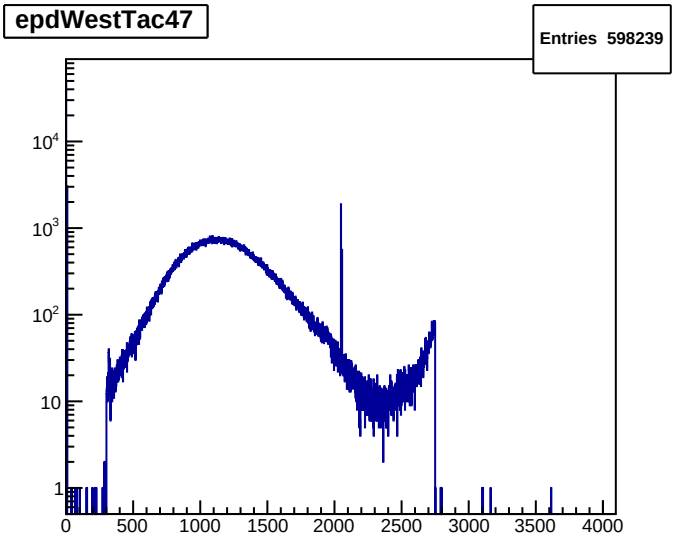
Entries 0
Data
Simu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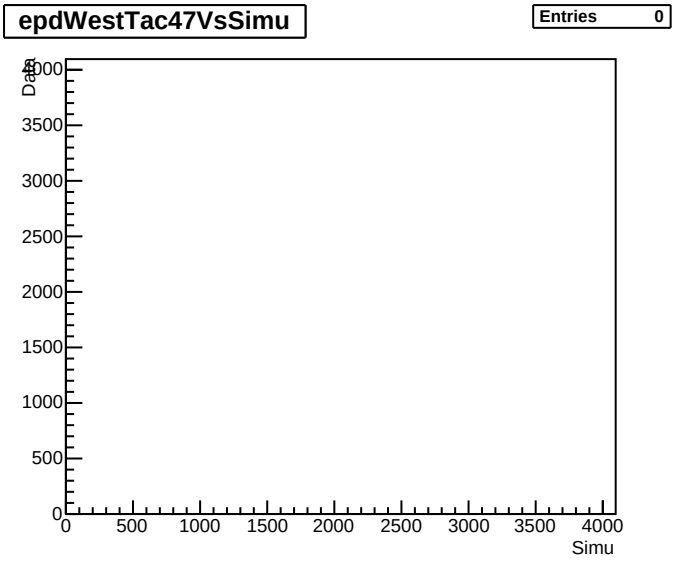
Entries 598239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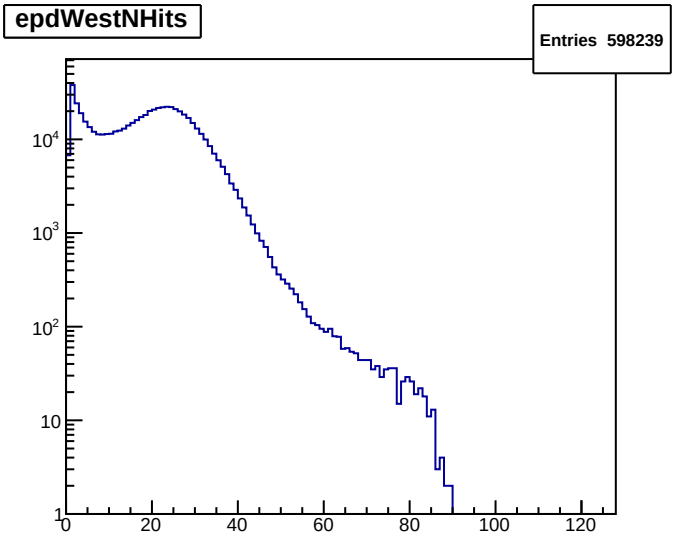
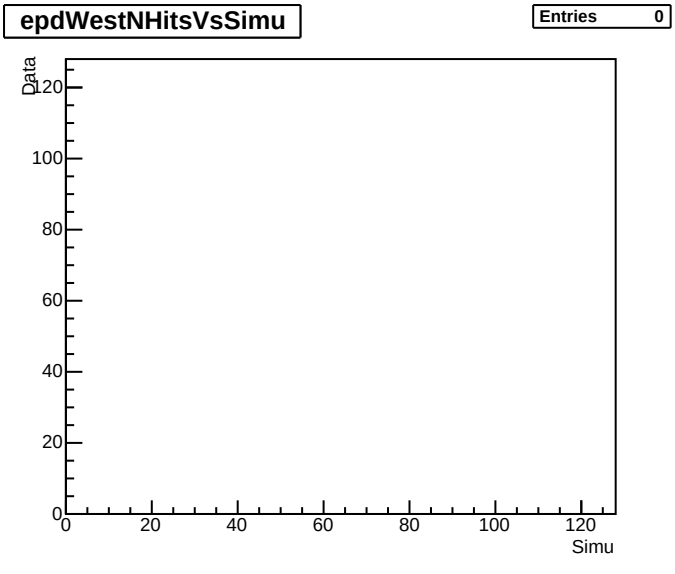
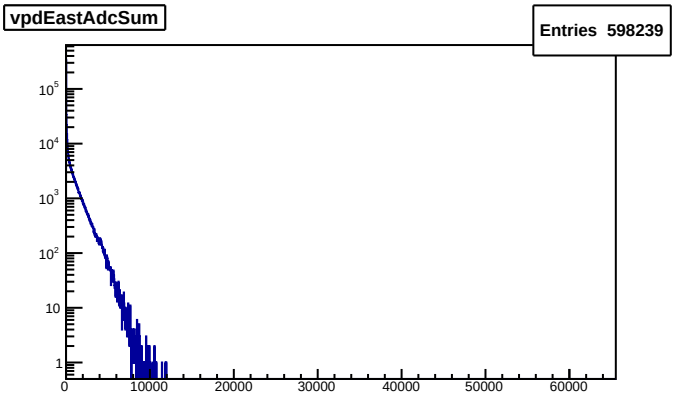
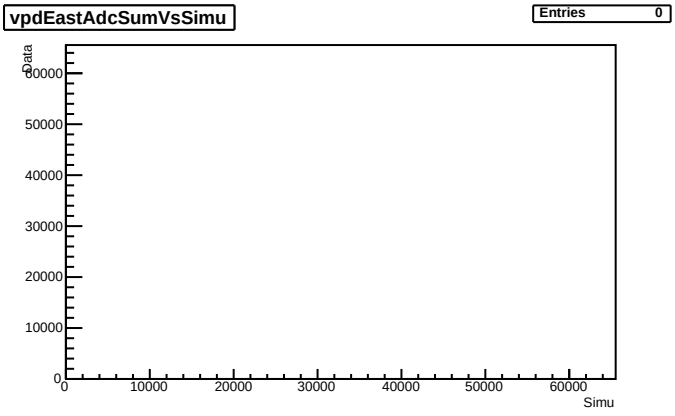
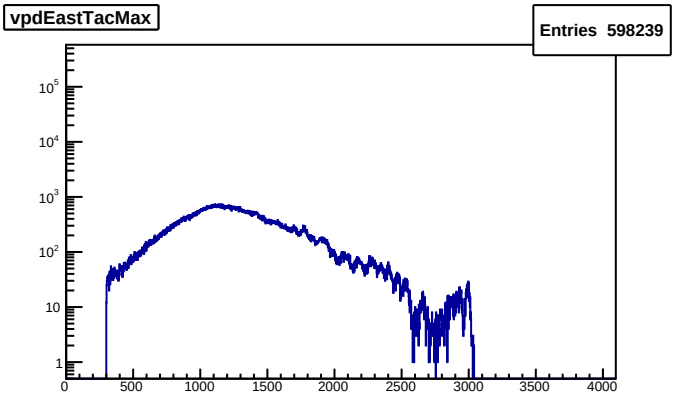
Entries 0
Data
Simu

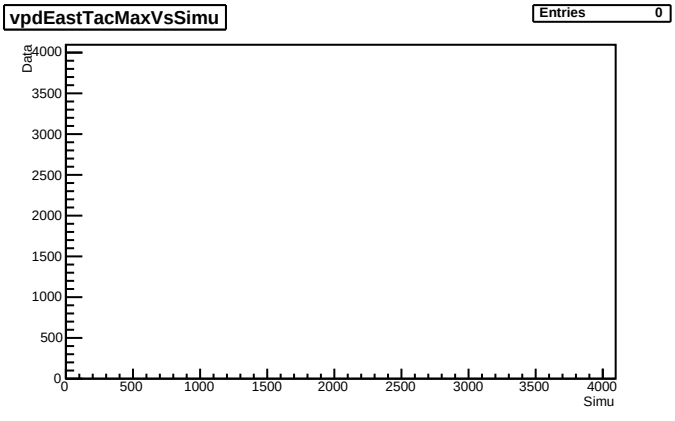

epdWestNHits
Entries 598239


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 598239


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 598239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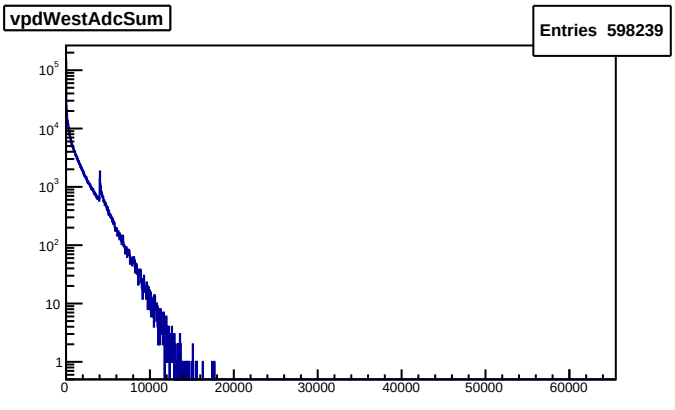
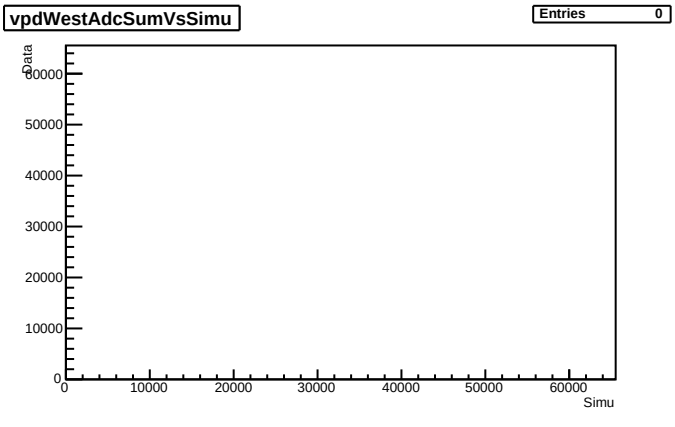
Entries 0
Data
Simu


vpdWestAdcSum
Entries 598239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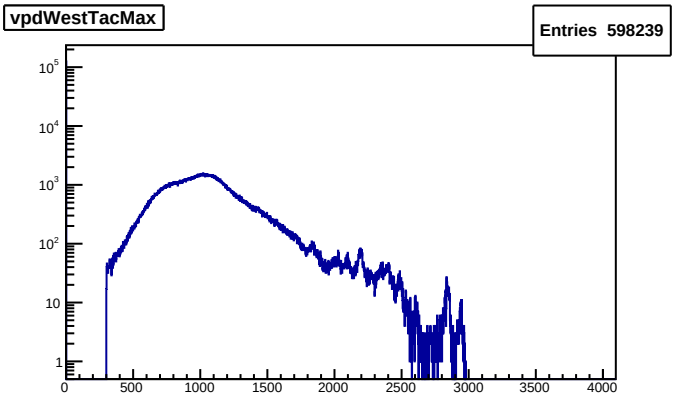
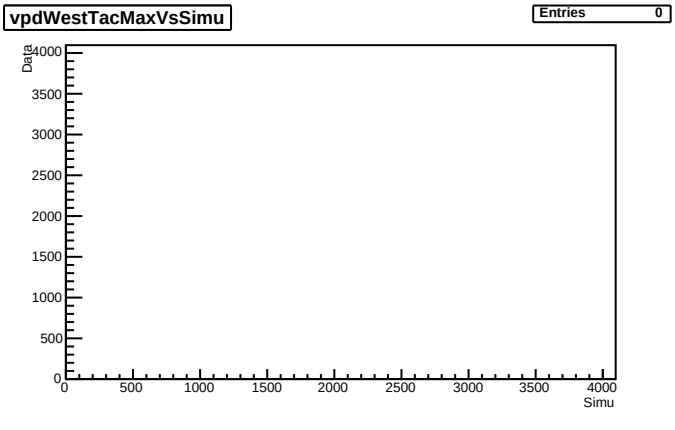
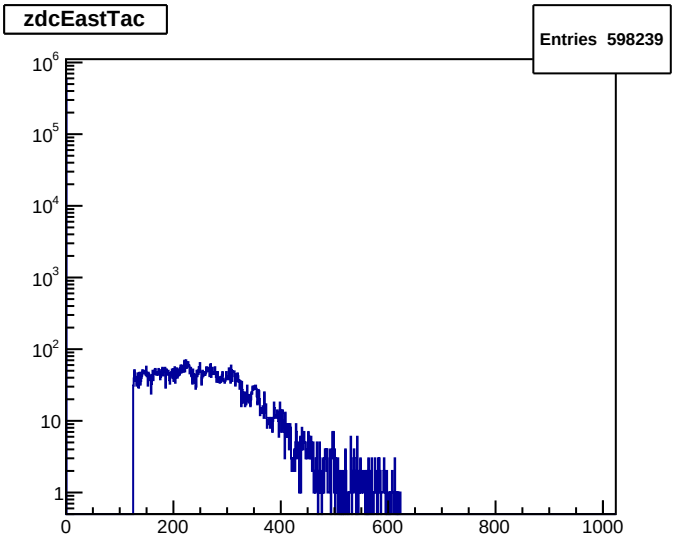
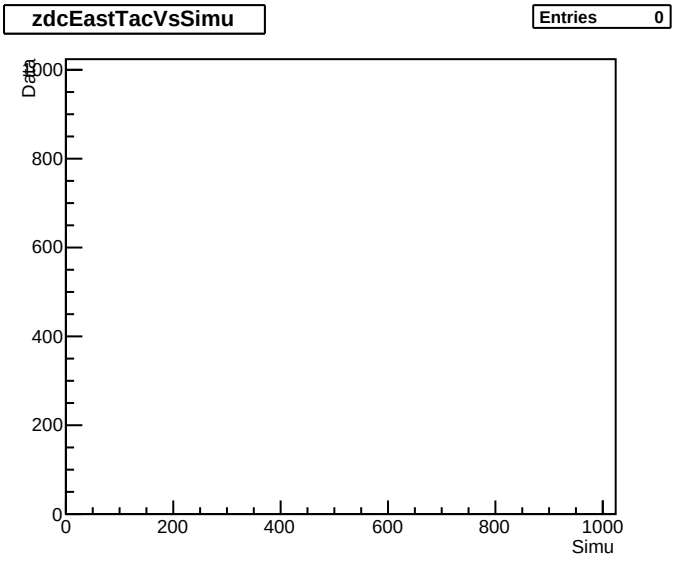
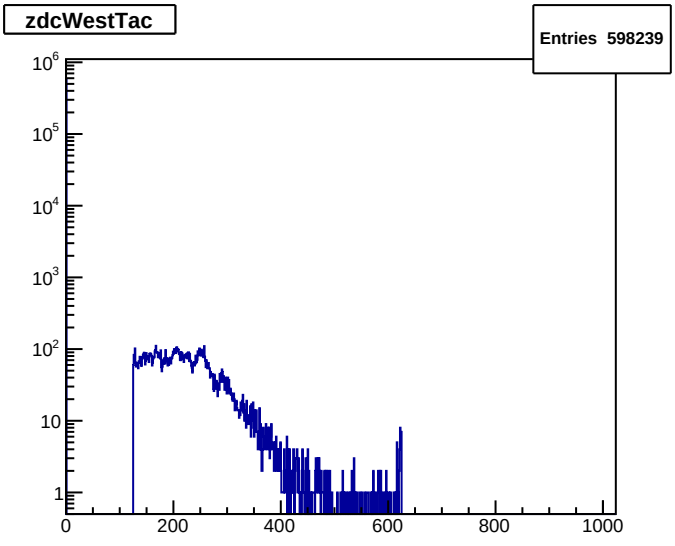
Entries 0
Data
Simu

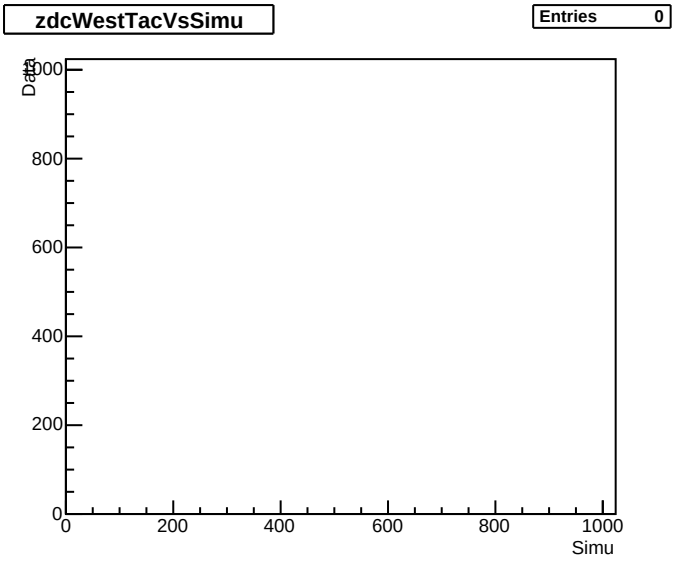

vpdWestTacMax
Entries 598239

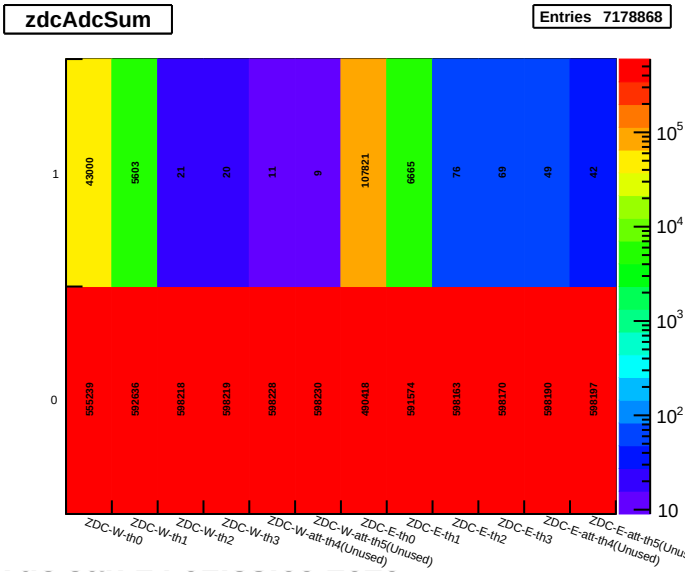

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

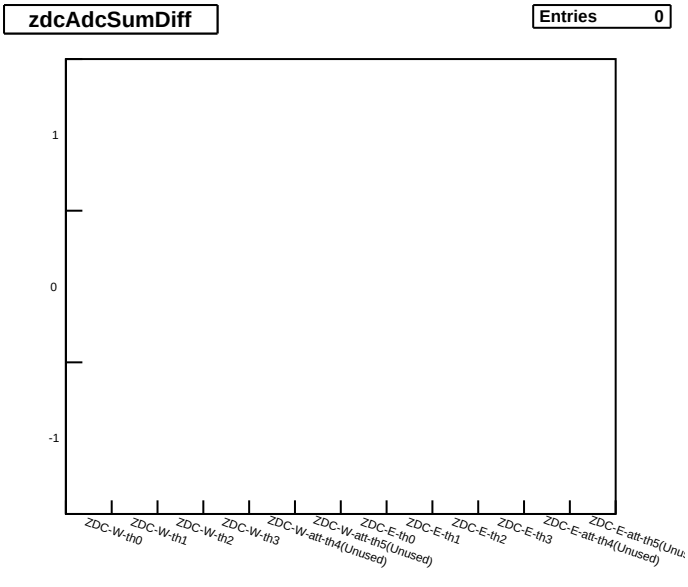

zdcEastTac
Entries 598239

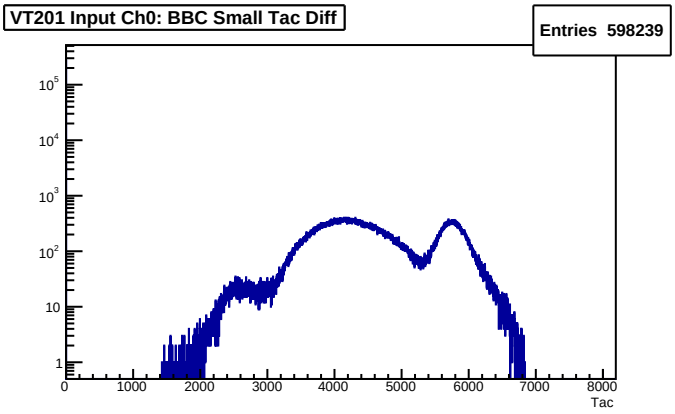

zdcEastTacVsSimu
Entries 0
Data
Simu

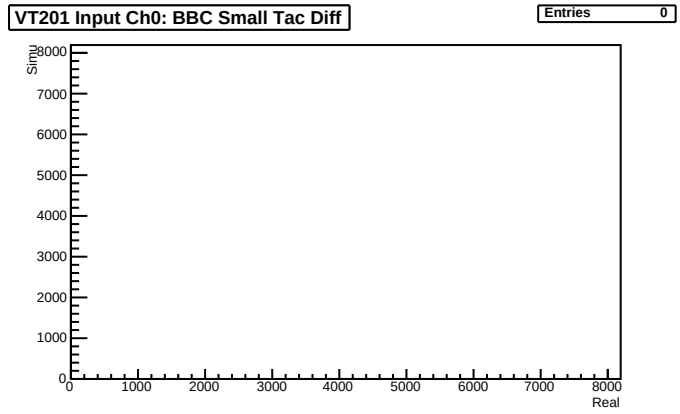

zdcWestTac
Entries 598239

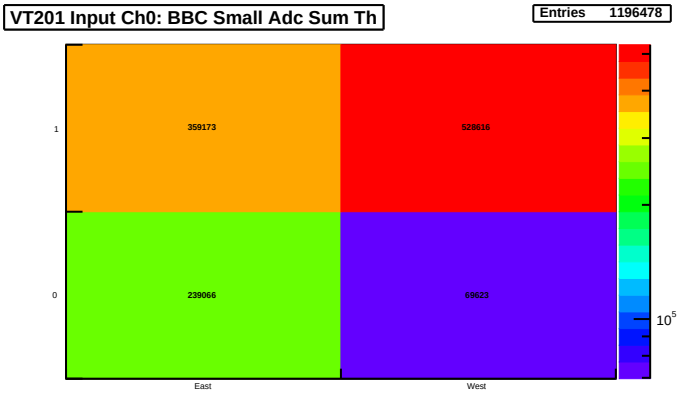

zdcWestTacVsSimu
Entries 0
Data
Simu

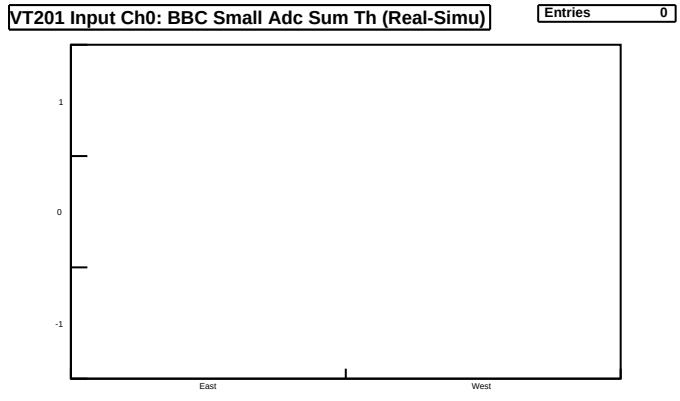

zdcAdcSum
Entries 7178868
43000
5603
21
20
11
9
107821
6665
76
69
49
42
555239
592636
598218
598219
598228
598230
490418
591574
598163
598170
598190
598197
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

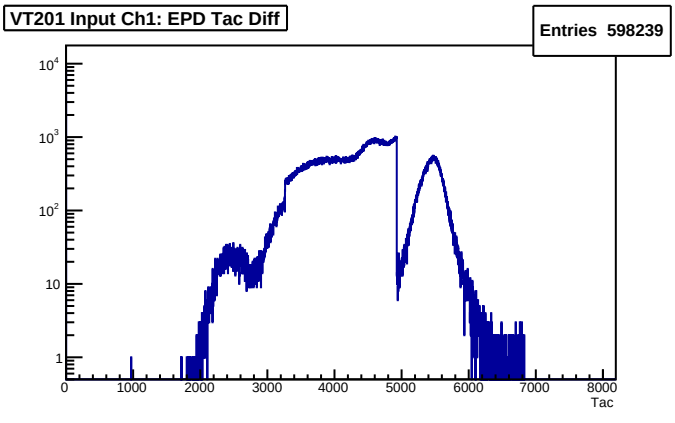

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

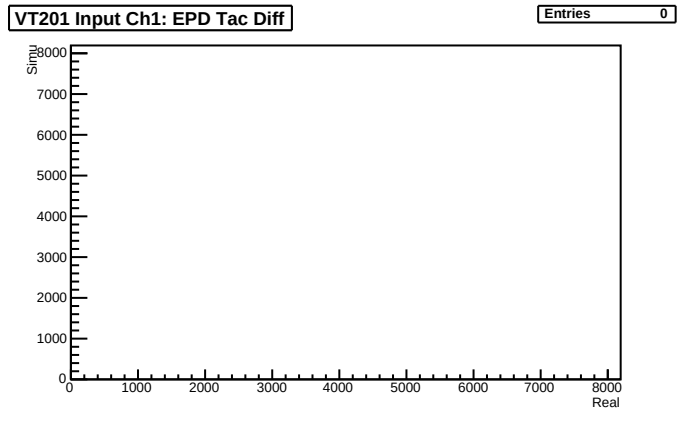

VT201 Input Ch0: BBC Small Tac Diff
Entries 598239
Tac

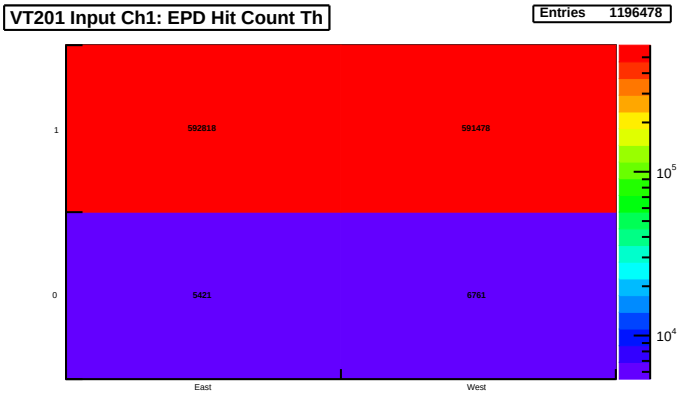

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

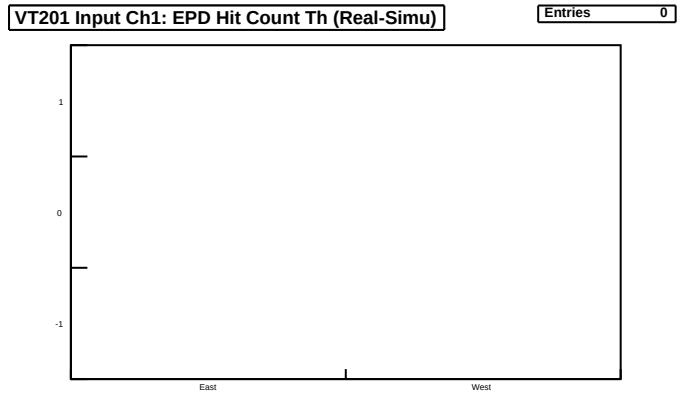

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1196478
359173
528616
239066
69623
East
West

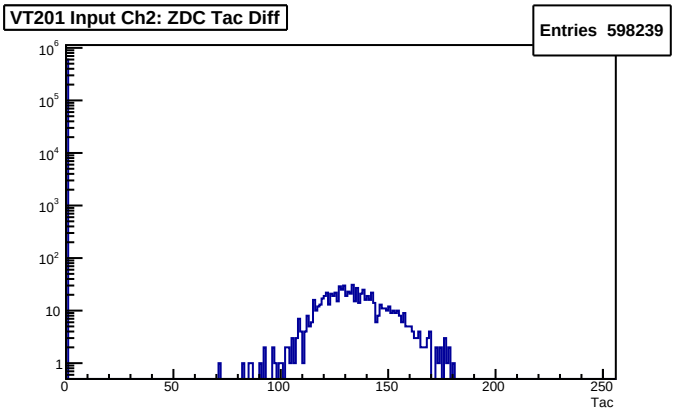

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

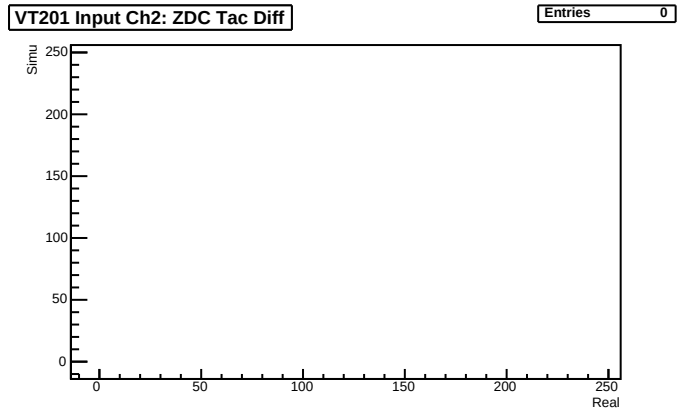

VT201 Input Ch1: EPD Tac Diff
Entries 598239
Tac

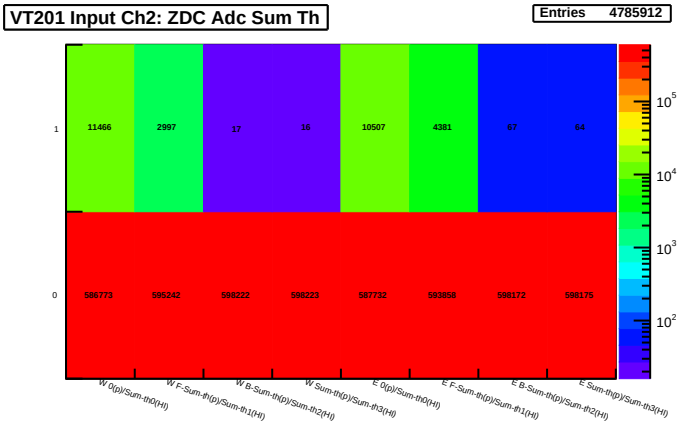

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

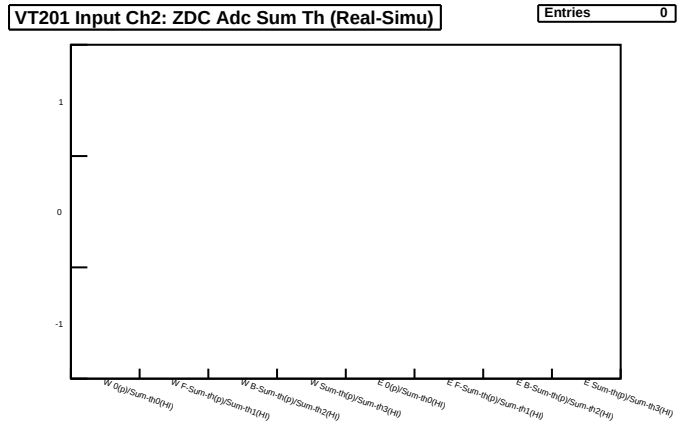

VT201 Input Ch1: EPD Hit Count Th
Entries 1196478
592818
591478
5421
6761
East
West

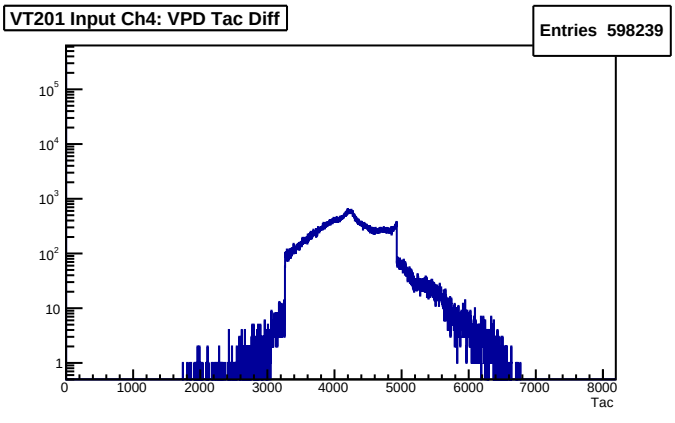

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

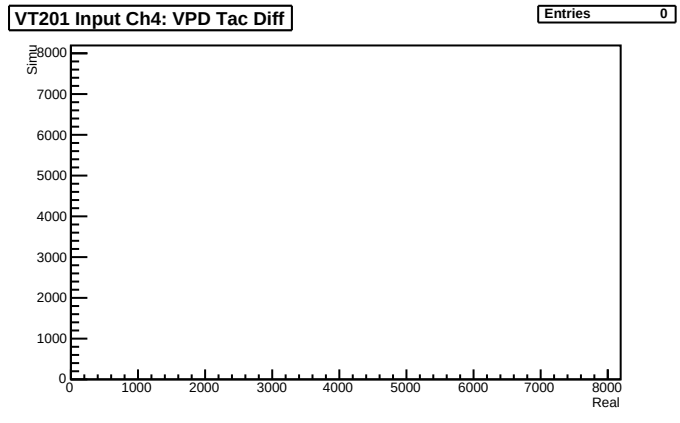

VT201 Input Ch2: ZDC Tac Diff
Entries 598239
Tac

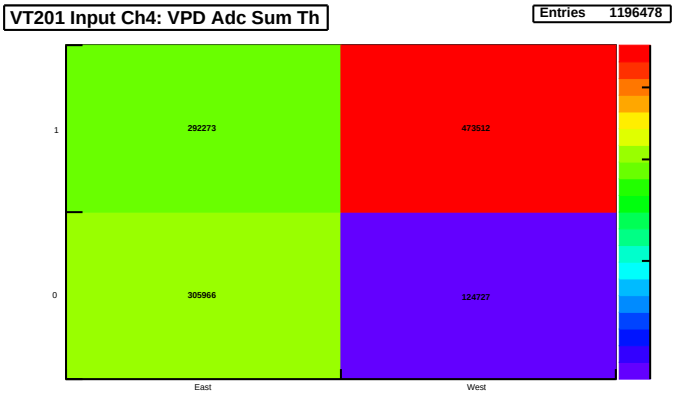

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

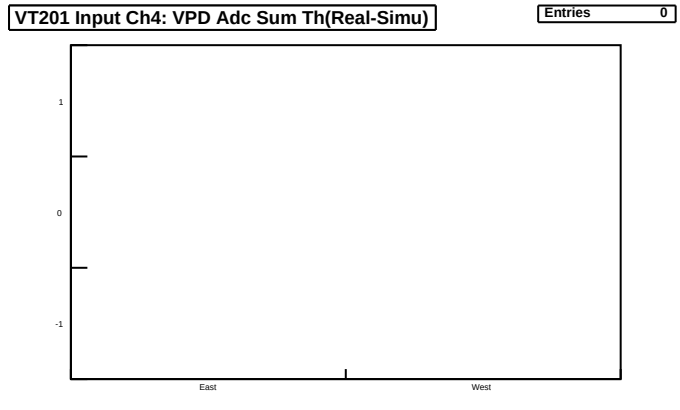

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4785912
11466
2997
17
16
10507
4381
67
64
586773
595242
598222
598223
587732
593858
598172
598175
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

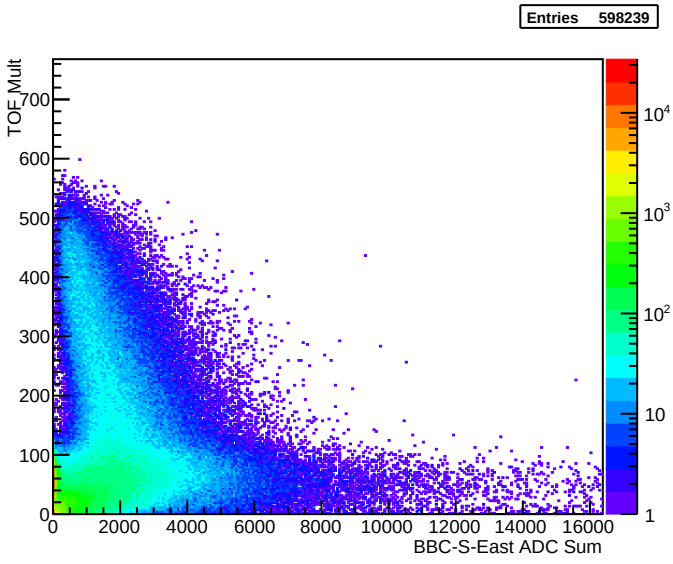

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

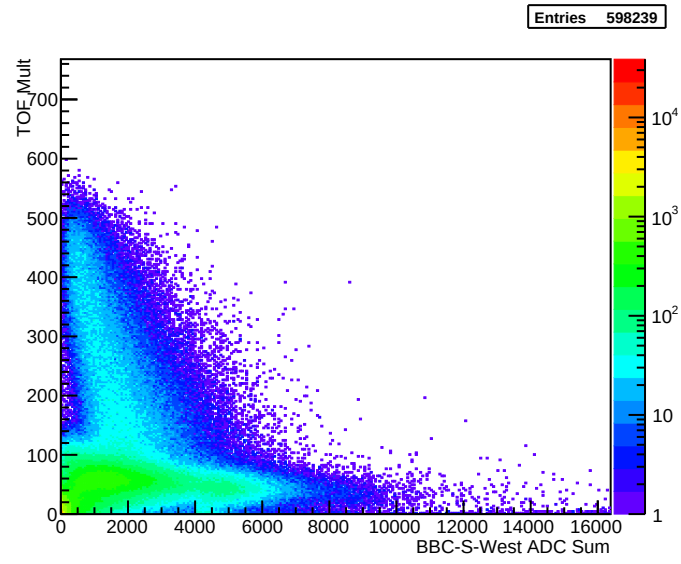

VT201 Input Ch4: VPD Tac Diff
Entries 598239
Tac

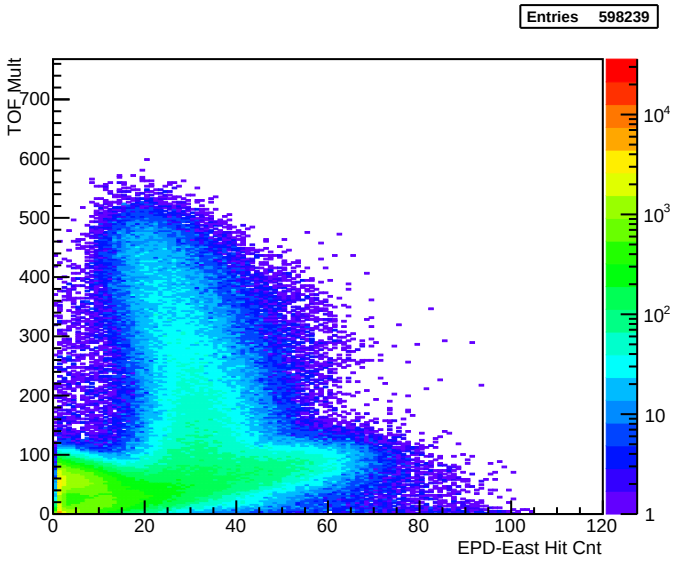

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

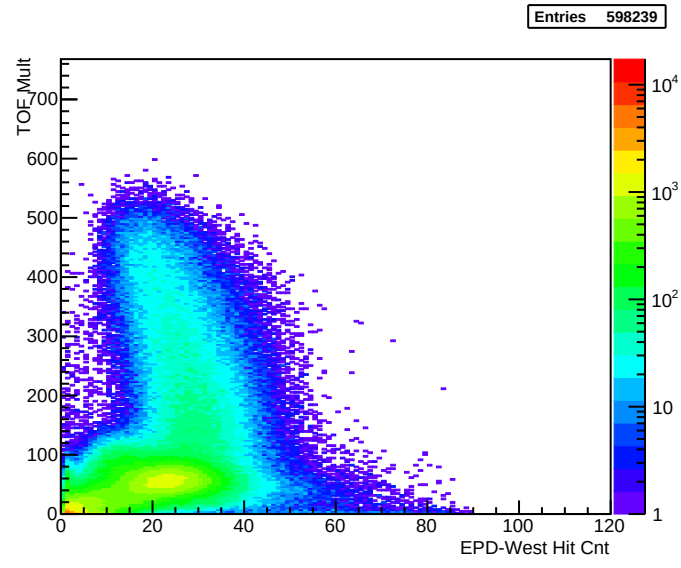

VT201 Input Ch4: VPD Adc Sum Th
Entries 1196478
292273
473512
305966
124727
East
West

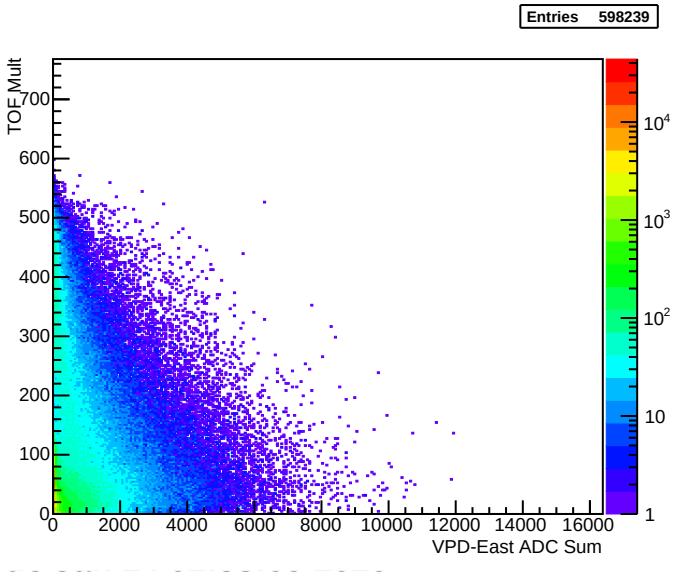

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

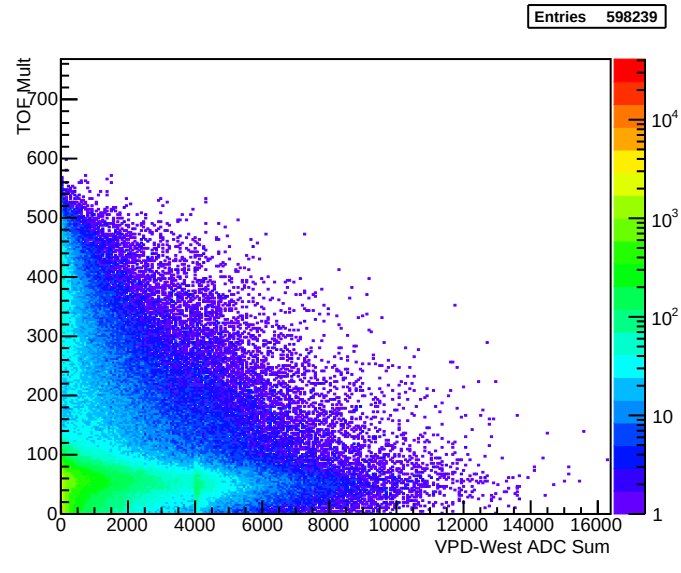

Entries 598239
TOF_Mult
BBC-S-East ADC Sum

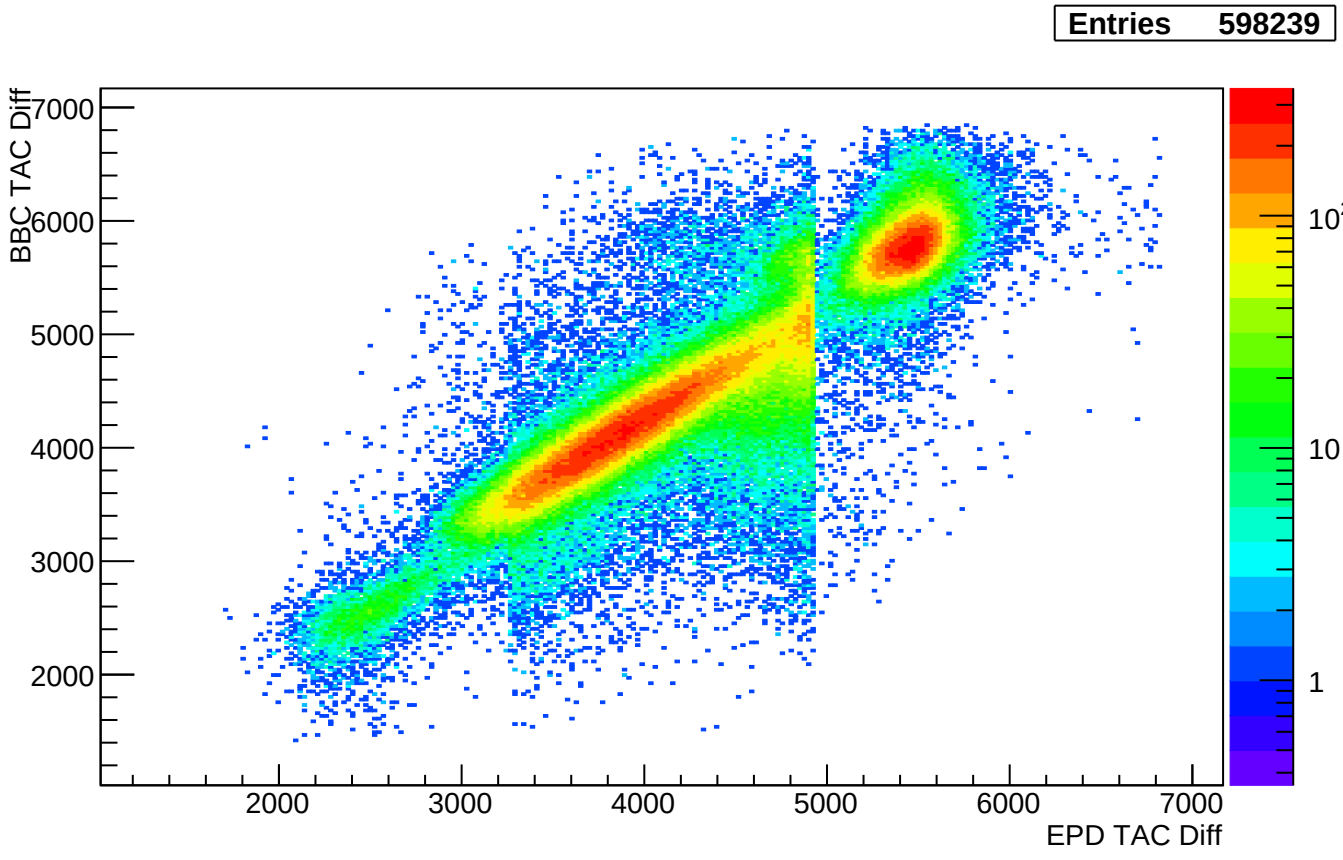

Entries 598239
TOF_Mult
BBC-S-West ADC Sum

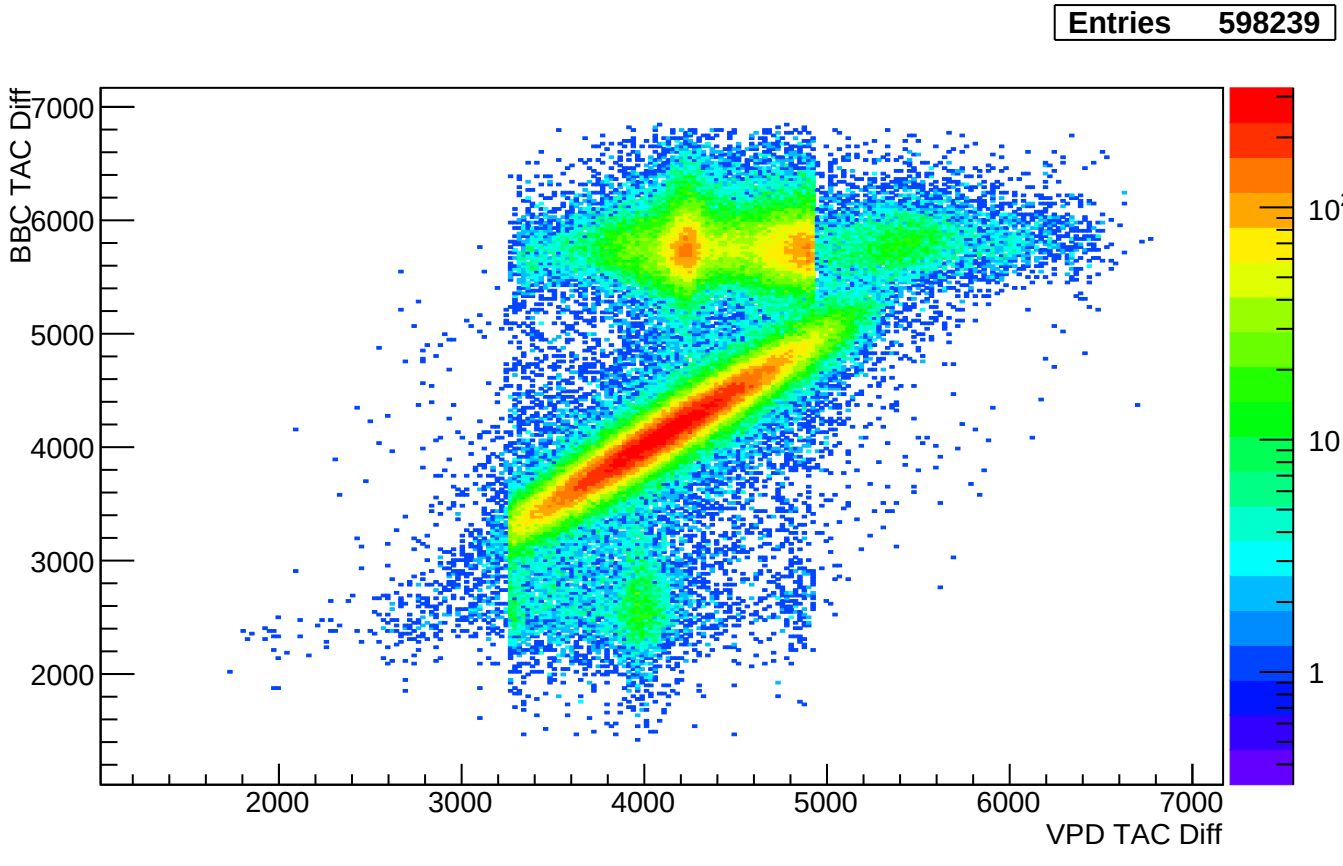

Entries 598239
TOF_Mult
EPD-East Hit Cnt

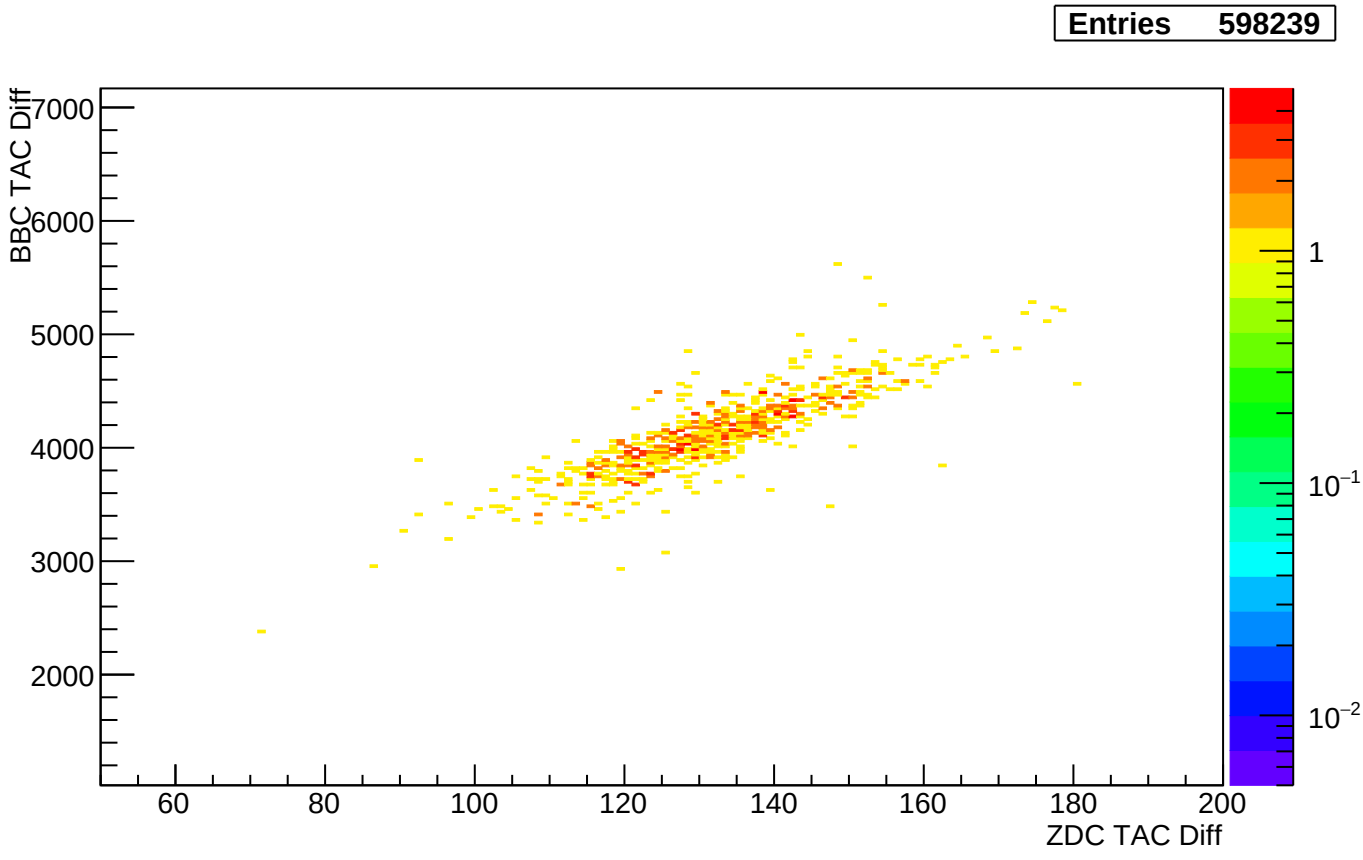

Entries 598239
TOF_Mult
EPD-West Hit Cnt

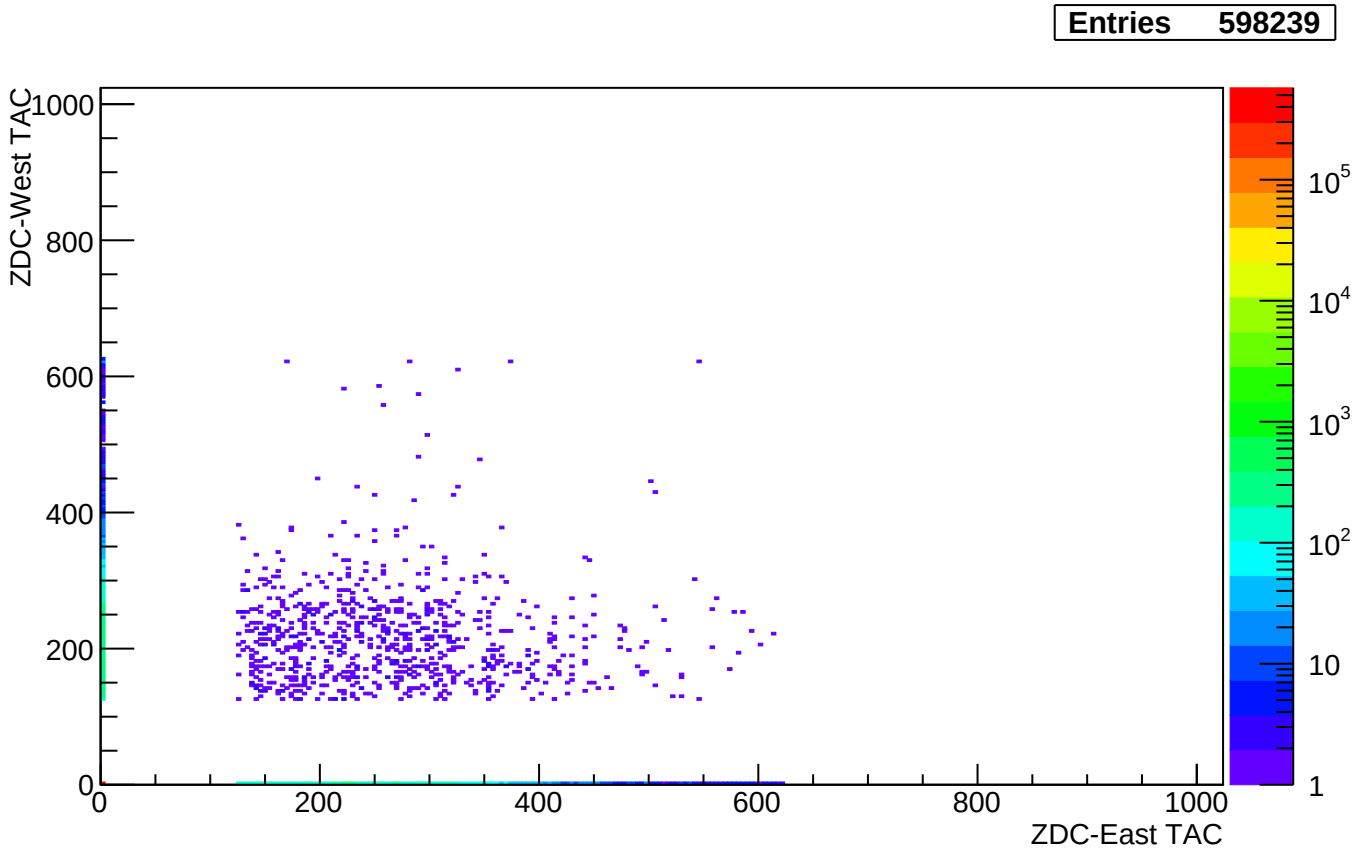

Entries 598239
TOF_Mult
VPD-East ADC Sum

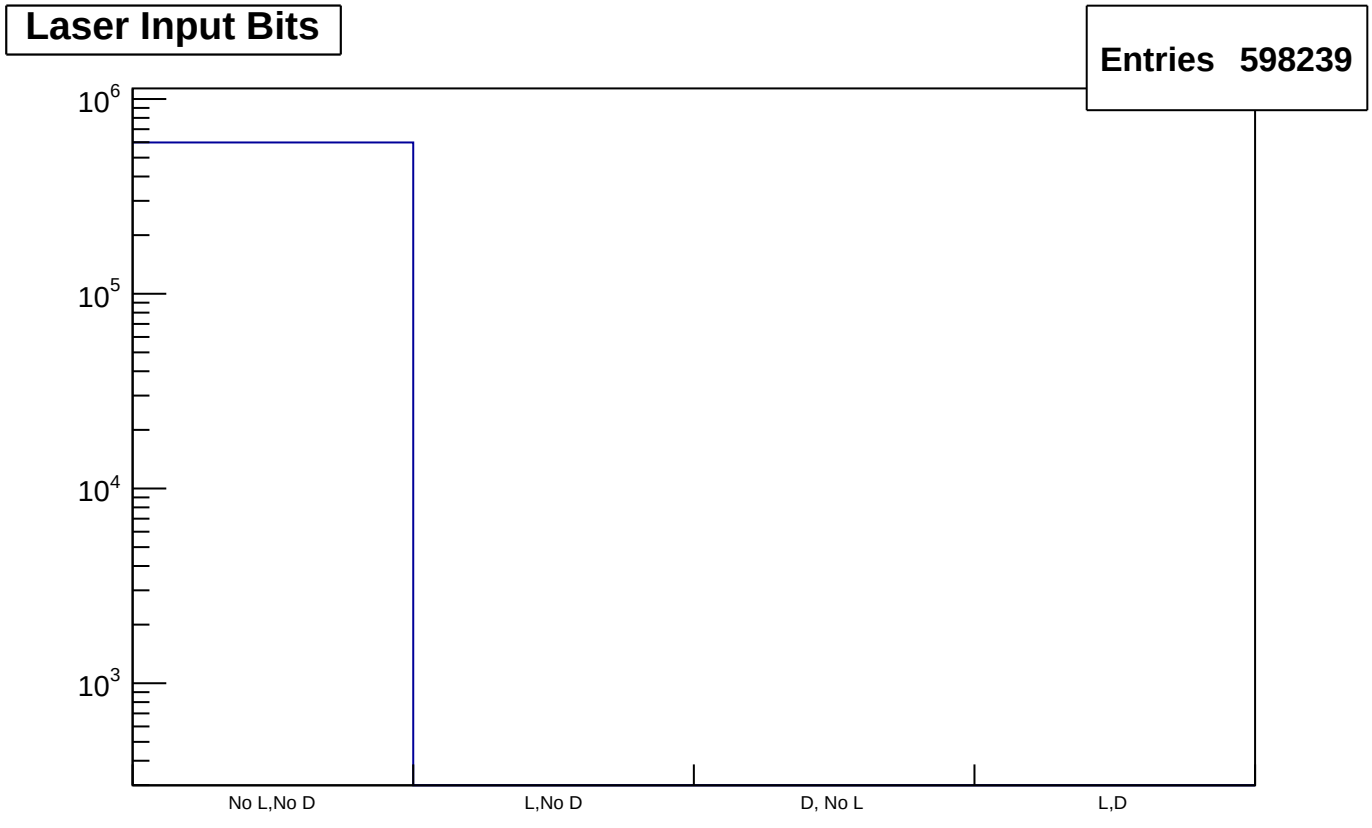

Entries 598239
TOF_Mult
VPD-West ADC Sum

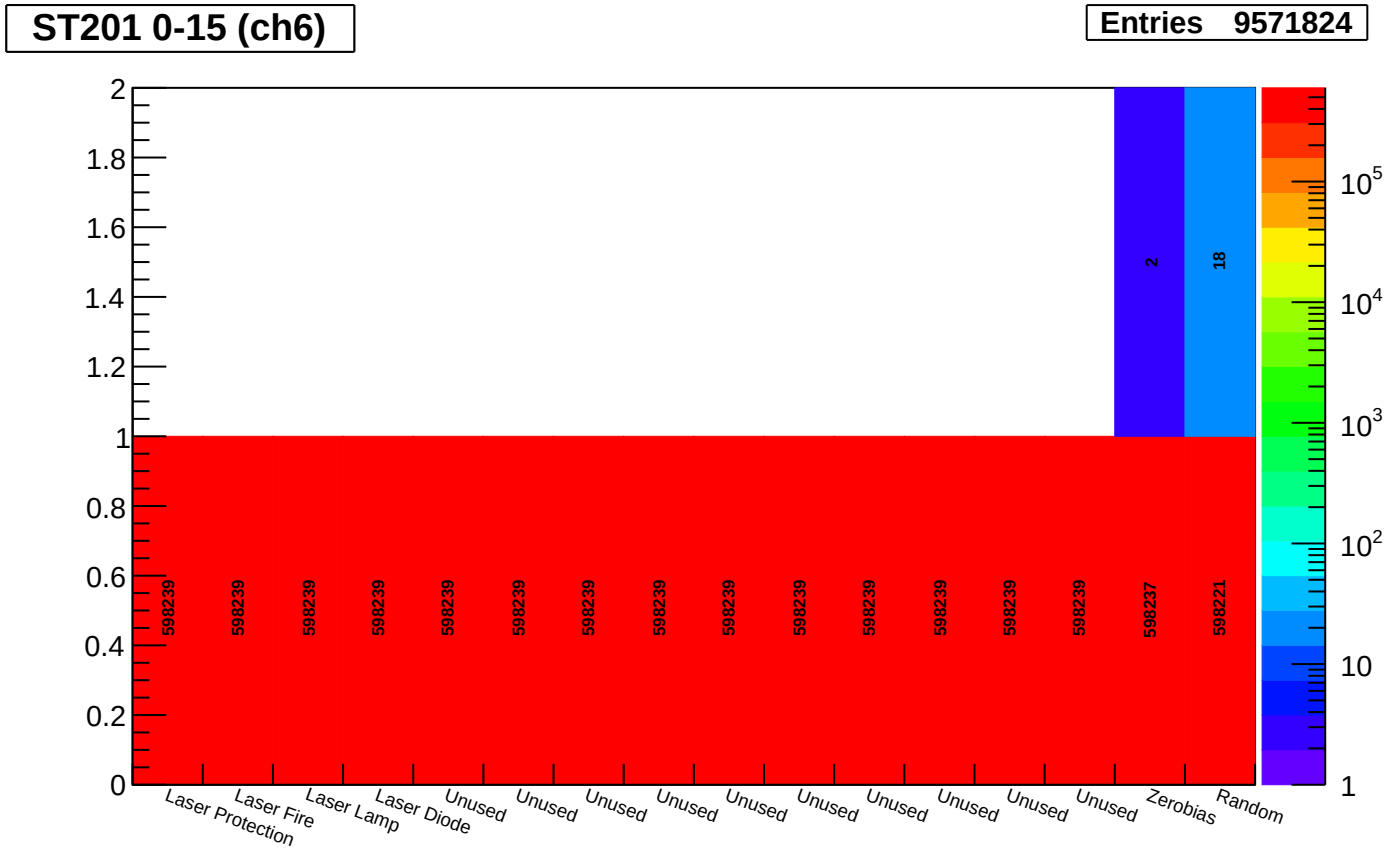

Entries 598239
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

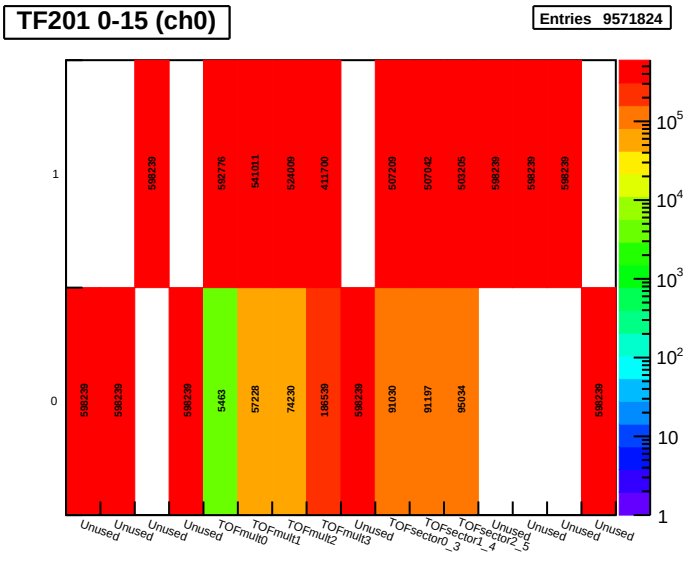

Entries 598239
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

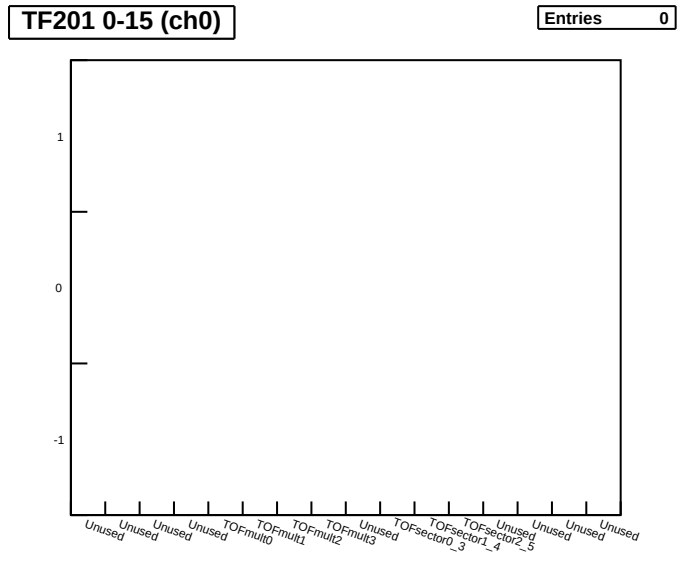

Entries 598239
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

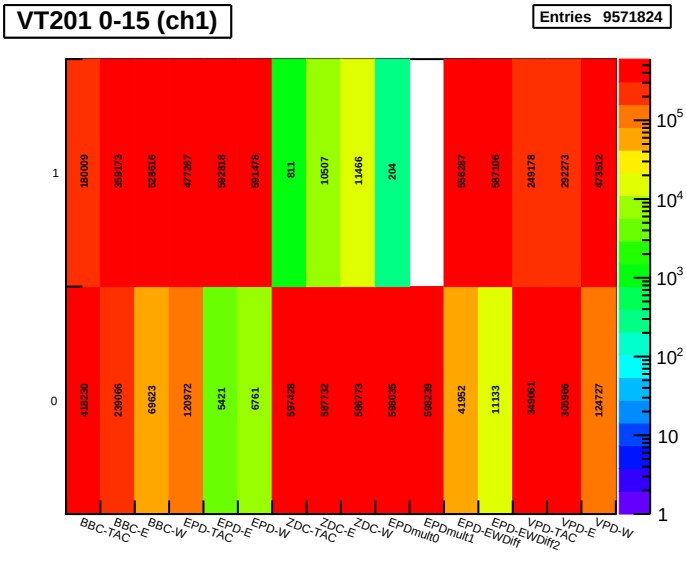

Entries 598239
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

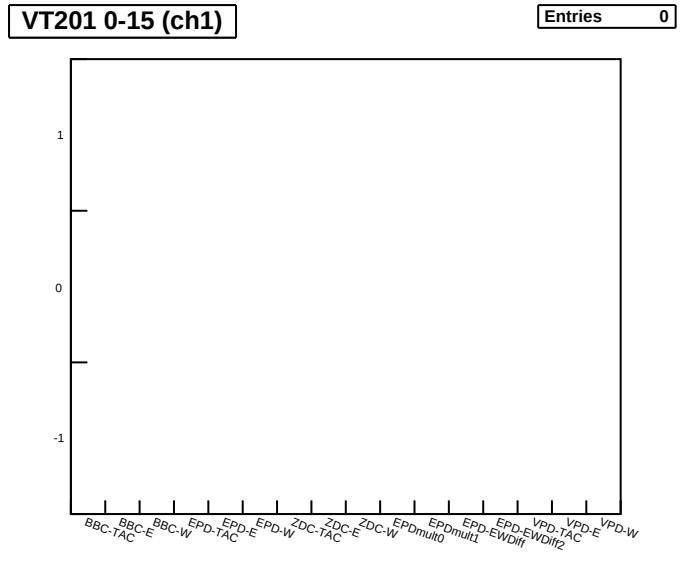

Laser Input Bits
Entries 598239
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

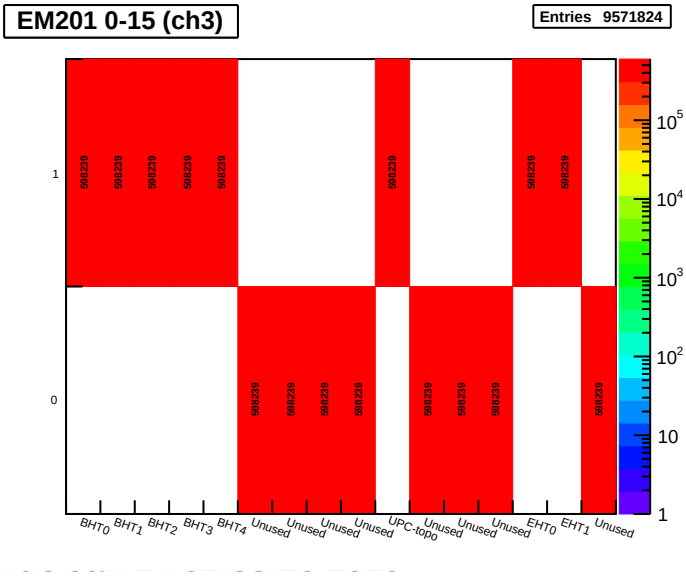

ST201 0-15 (ch6)
Entries 9571824
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
598239
598239
598239
598239
598239
598239
598239
598239
598239
598239
598239
598239
598239
598239
598237
598221
2
18
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

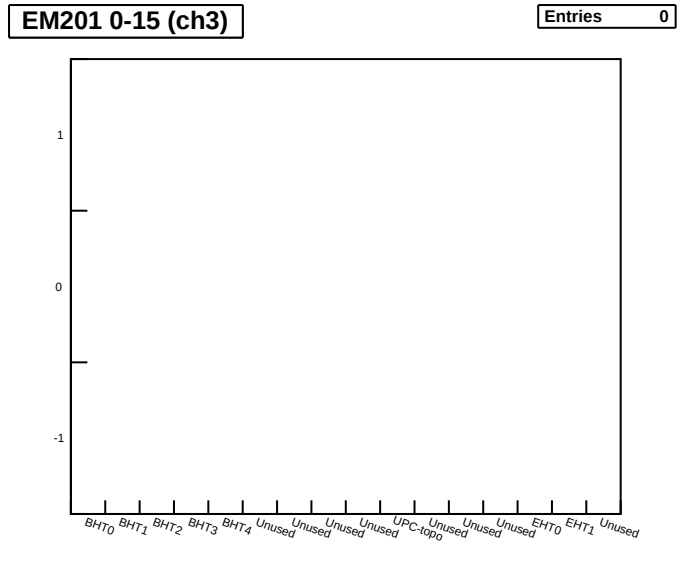

TF201 0-15 (ch0)
Entries 9571824
1
0
598239 598239 598239 5463 57228 74230 186539 598239 91030 91197 95034 598239
598239 592776 541011 524009 411700 507209 507042 503205 598239 598239 598239
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 9571824
1
0
180009 359173 528616 472357 592818 591478 811 10507 11466 204 556287 587106 249178 292273 473512
418230 239066 69623 120972 5421 6761 597428 587732 586773 588035 598239 41952 11133 349061 305966 124727
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 9571824
1
0
598239 598239 598239 598239 598239 598239 598239 598239 598239
598239 598239 598239 598239 598239 598239 598239 598239
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