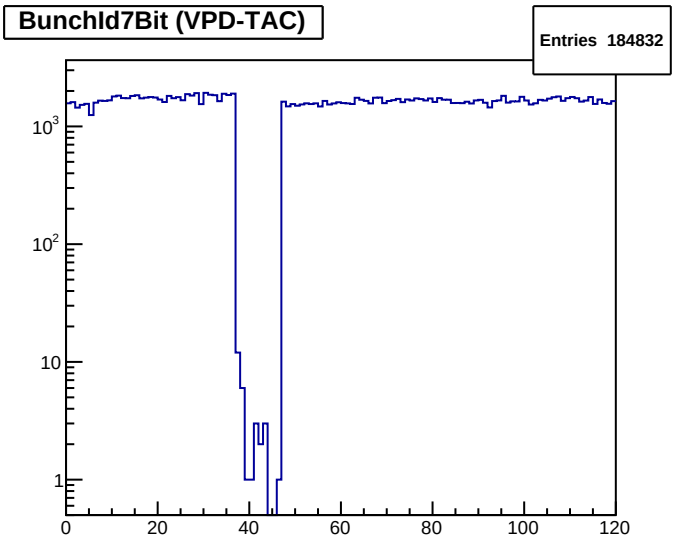
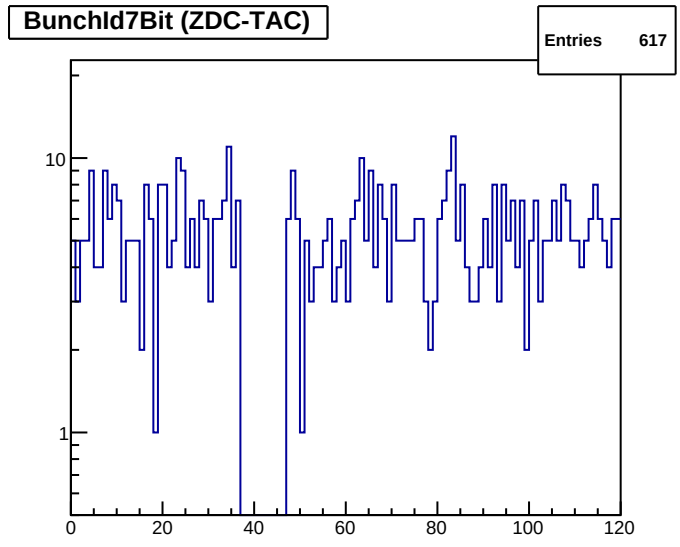
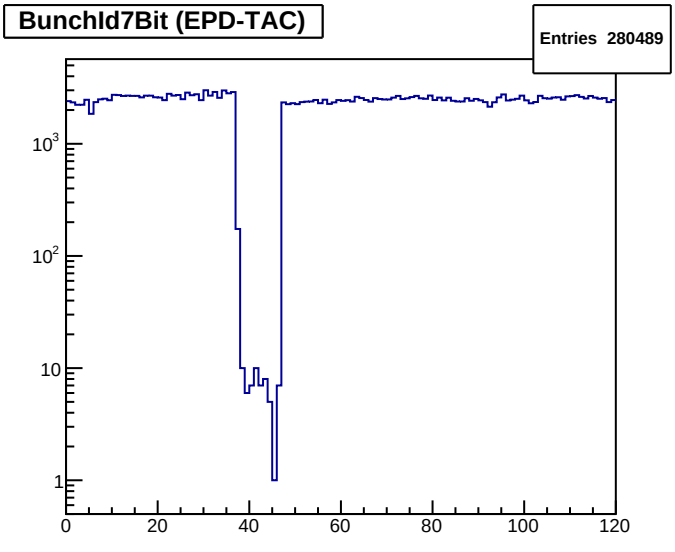
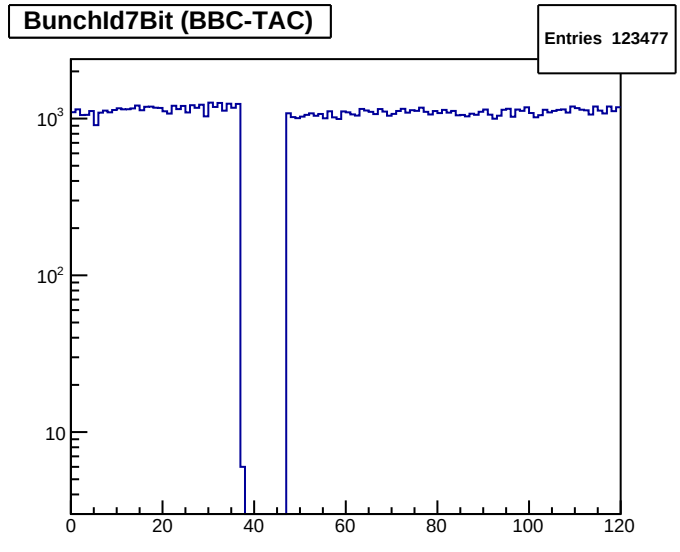
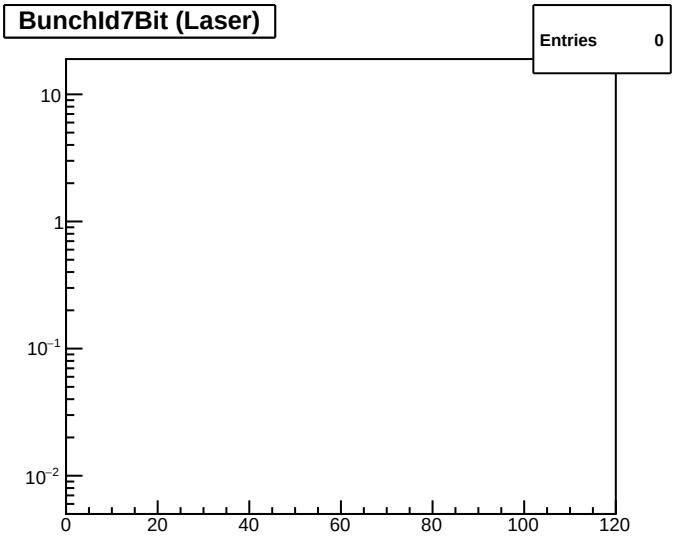
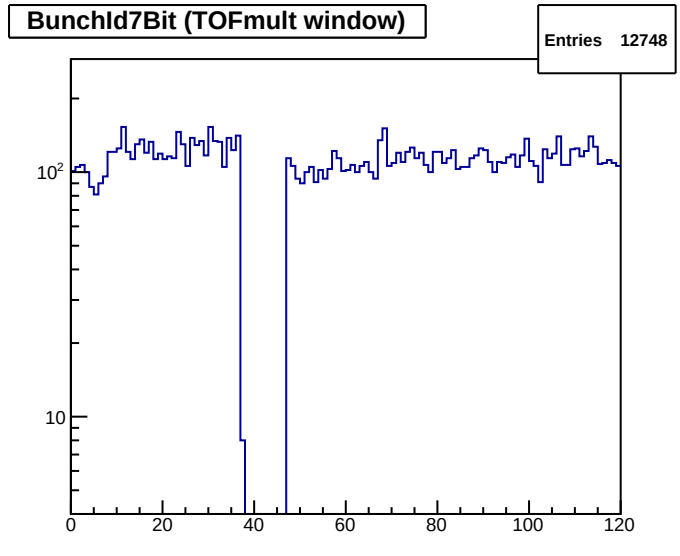

BunchId7Bit (VPD-TAC)
Entries 184832

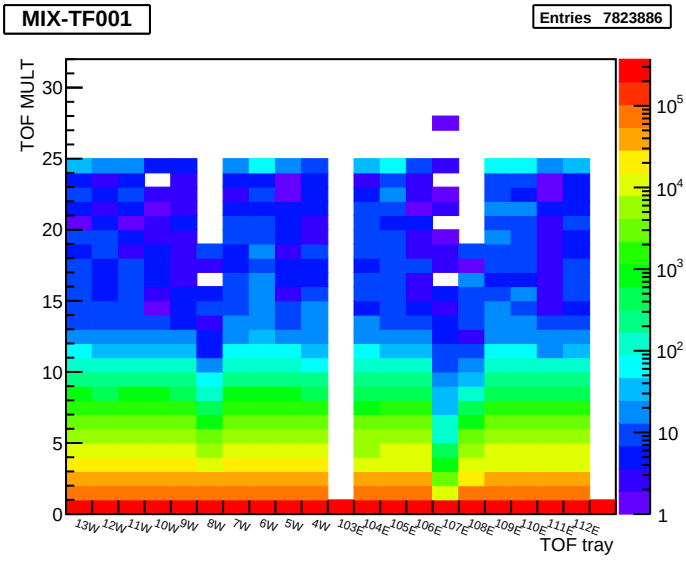

BunchId7Bit (ZDC-TAC)
Entries 617

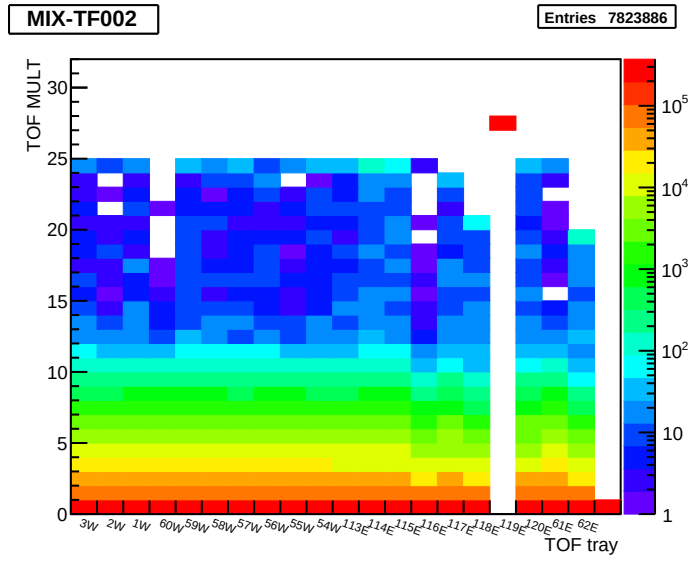

BunchId7Bit (EPD-TAC)
Entries 280489

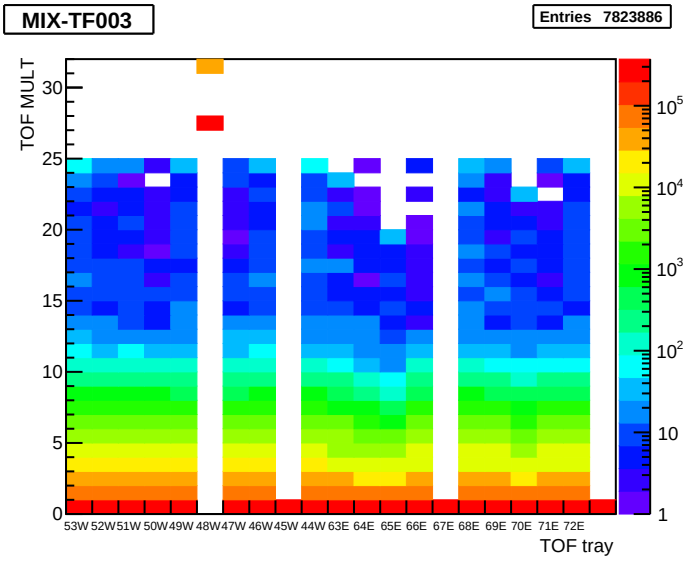

BunchId7Bit (BBC-TAC)
Entries 123477

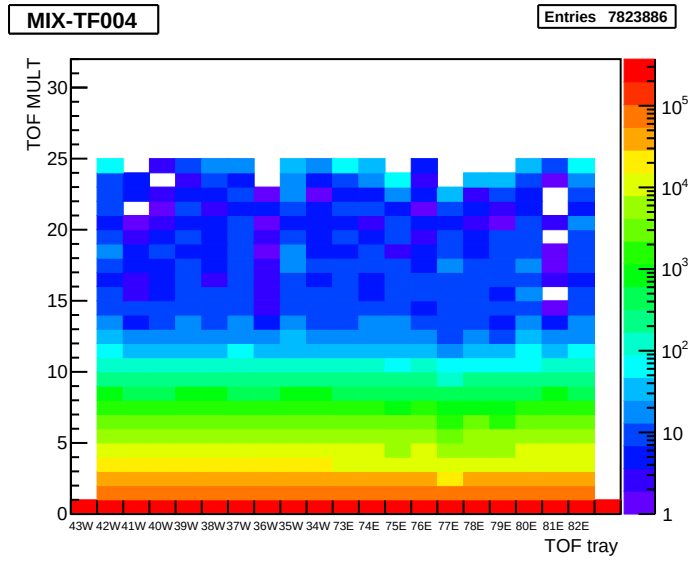

BunchId7Bit (Laser)
Entries 0

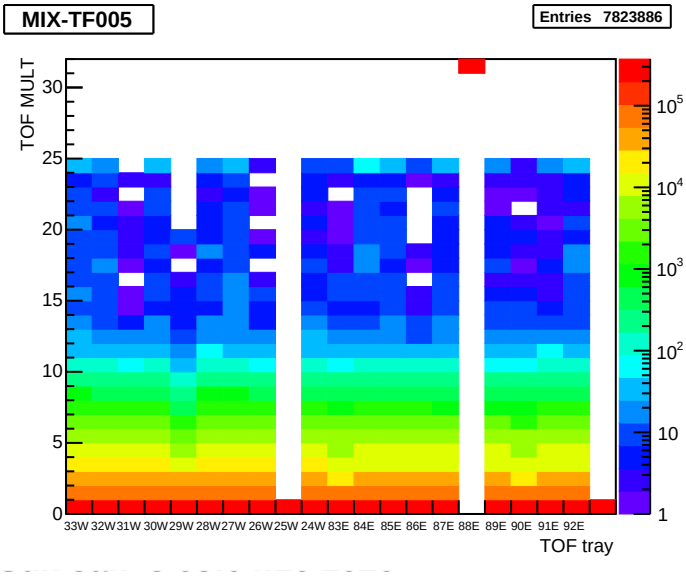

BunchId7Bit (TOFmult window)
Entries 12748

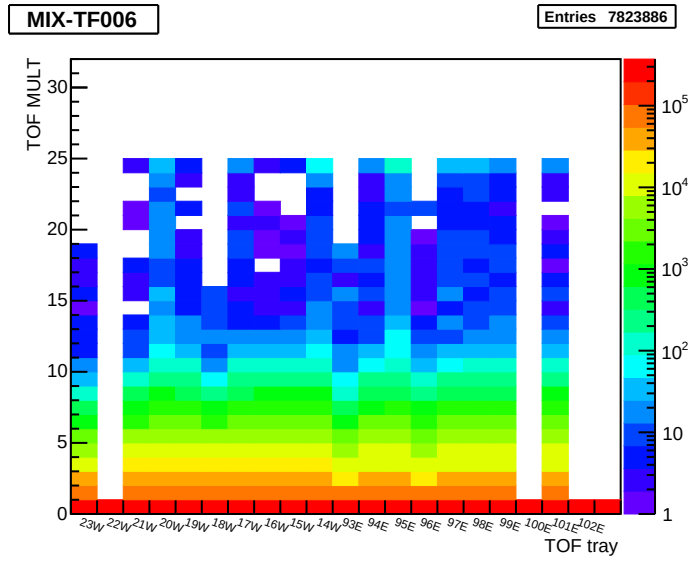

MIX-TF001
Entries 7823886
TOF MULT
TOF tray

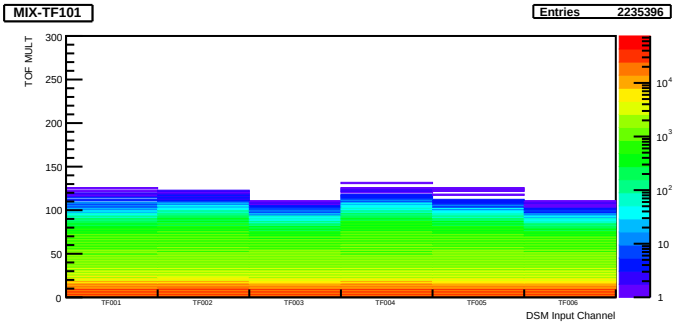

MIX-TF002
Entries 7823886
TOF MULT
TOF tray

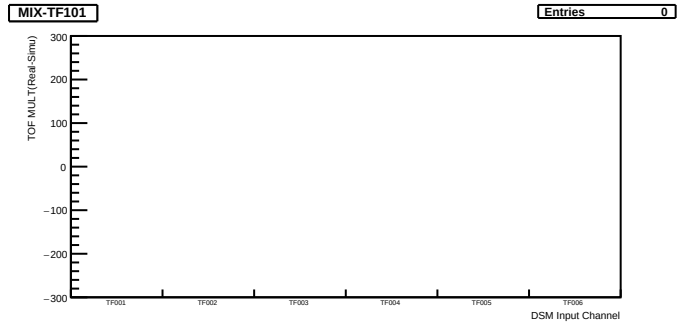

MIX-TF003
Entries 7823886
TOF MULT
TOF tray

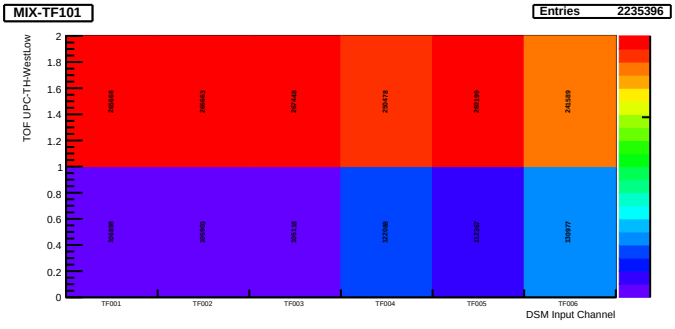

MIX-TF004
Entries 7823886
TOF MULT
TOF tray

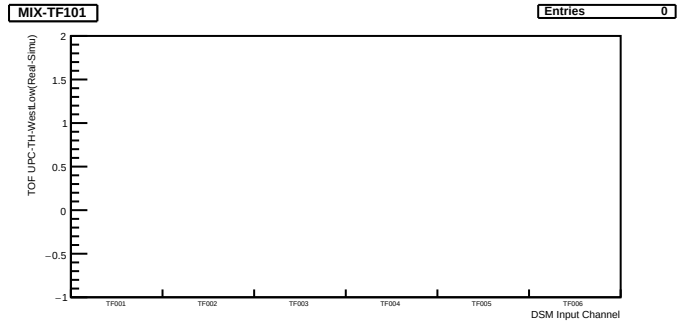

MIX-TF005
Entries 7823886
TOF MULT
TOF tray

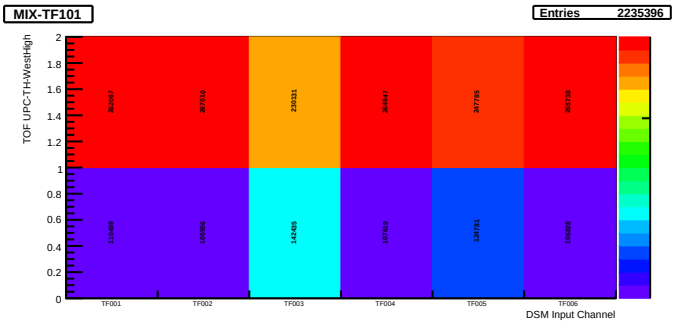

MIX-TF006
Entries 7823886
TOF MULT
TOF tray

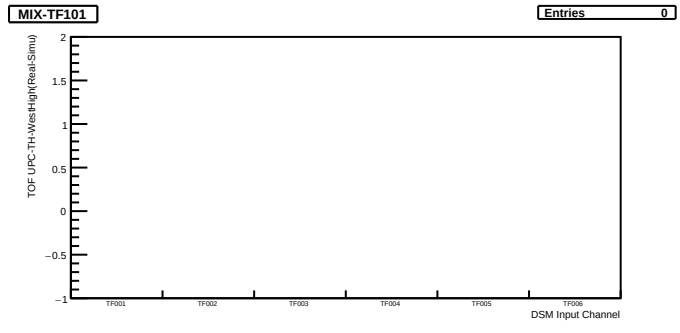

MIX-TF101
Entries 2235396
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

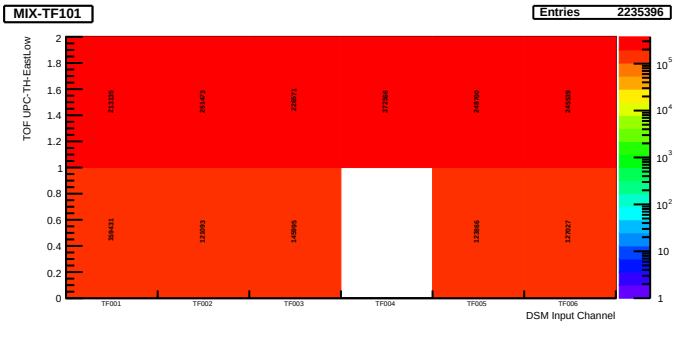

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

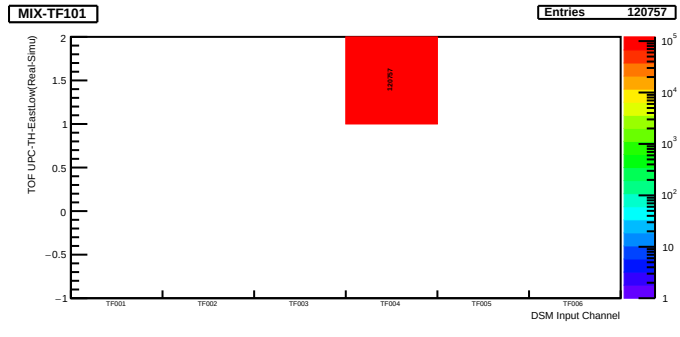

MIX-TF101
Entries 2235396
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

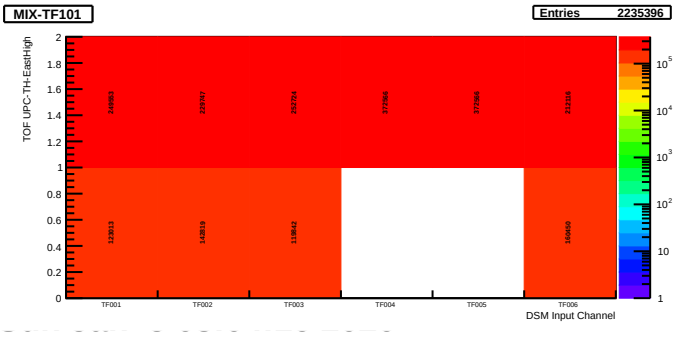

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

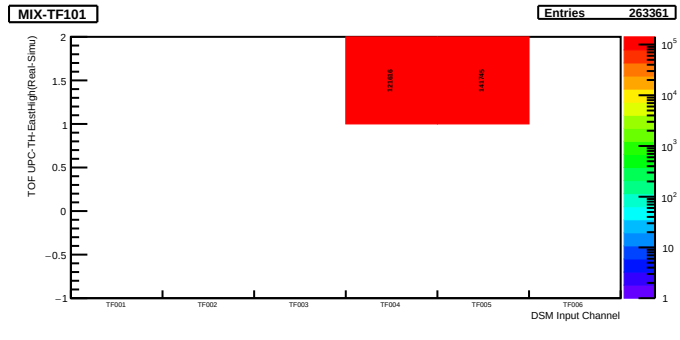

MIX-TF101
Entries 2235396
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

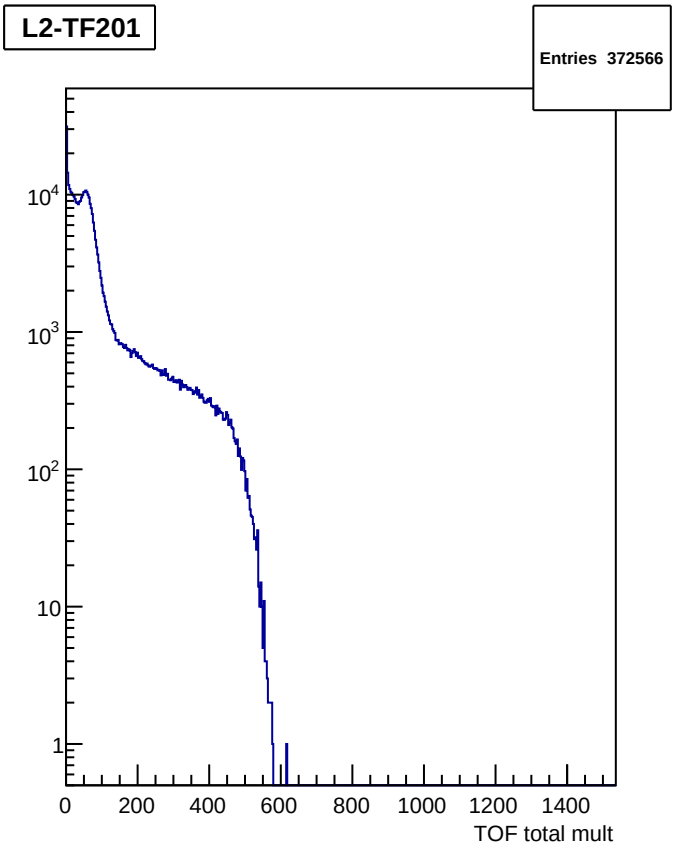

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

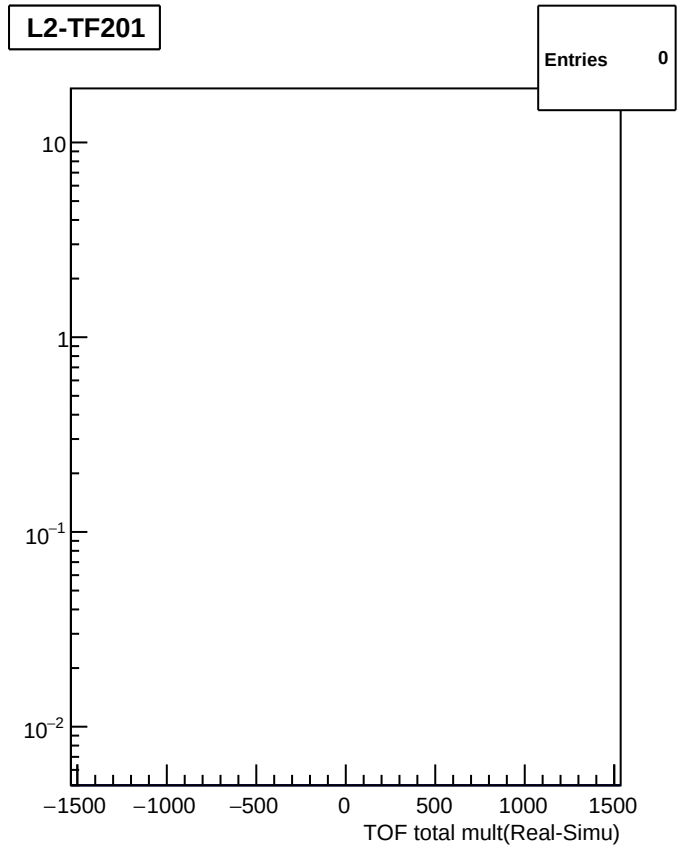

MIX-TF101
Entries 2235396
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

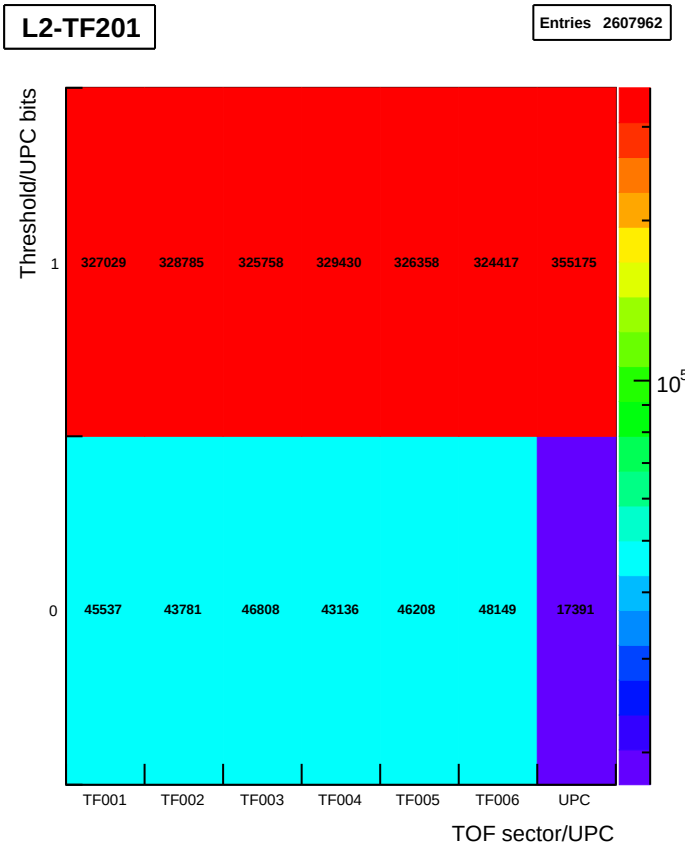

MIX-TF101
Entries 120757
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

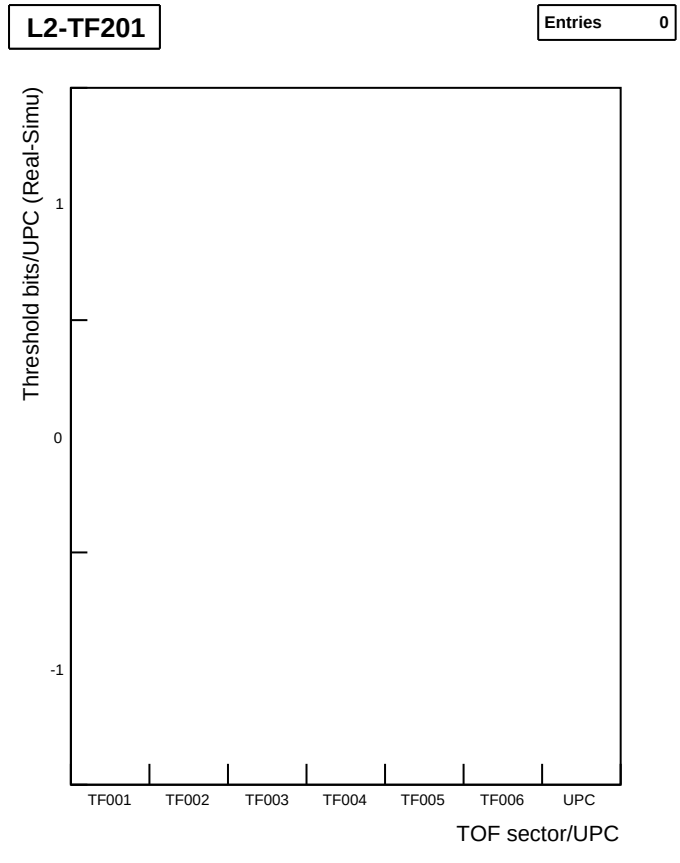

MIX-TF101
Entries 2235396
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

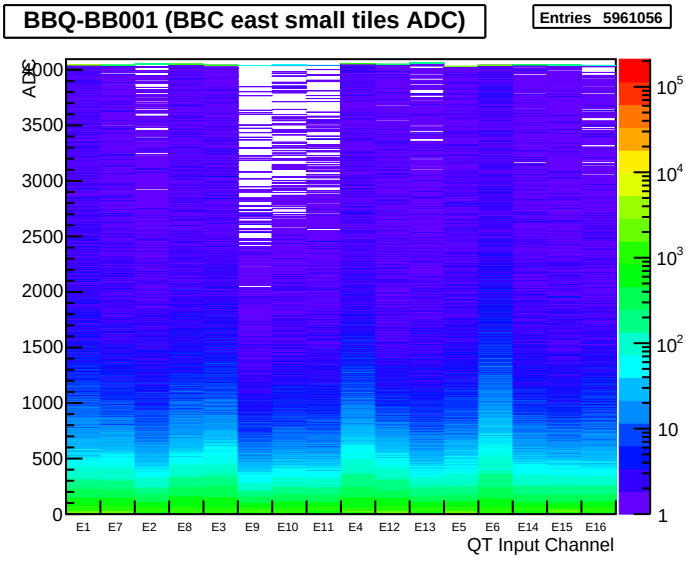

MIX-TF101
Entries 263361
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

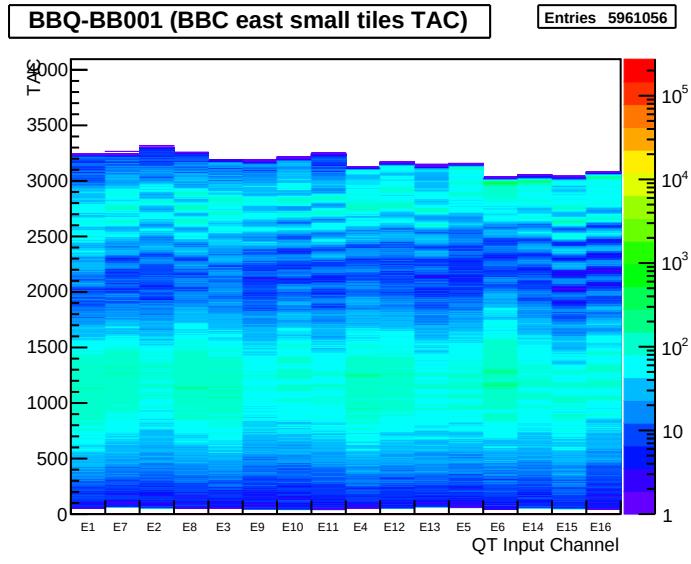

L2-TF201
Entries 372566
TOF total mult

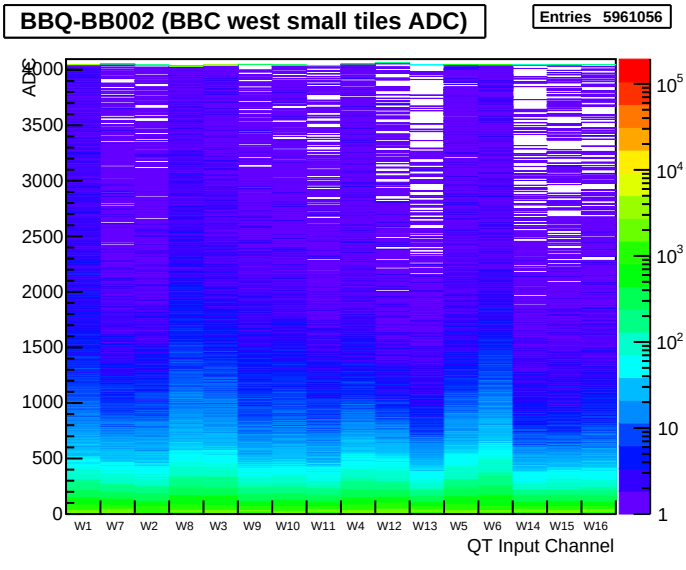

L2-TF201
Entries 0
TOF total mult(Real-Simu)

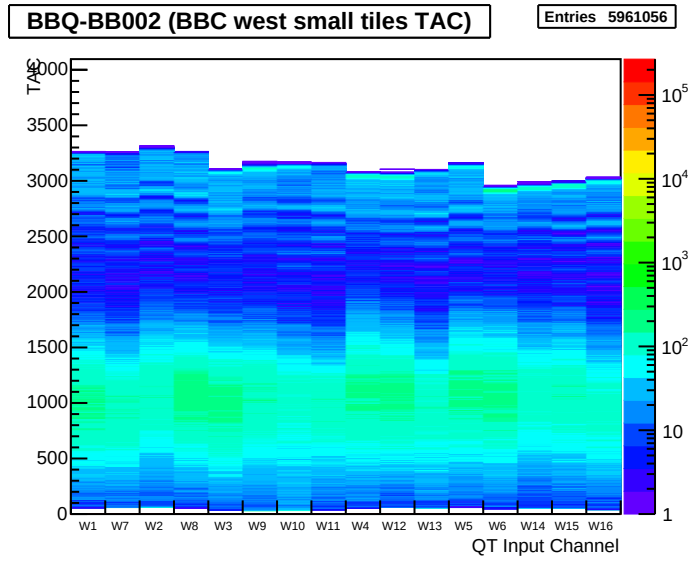

L2-TF201
Entries 2607962
Threshold/UPC bits
327029 328785 325758 329430 326358 324417 355175
45537 43781 46808 43136 46208 48149 17391
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

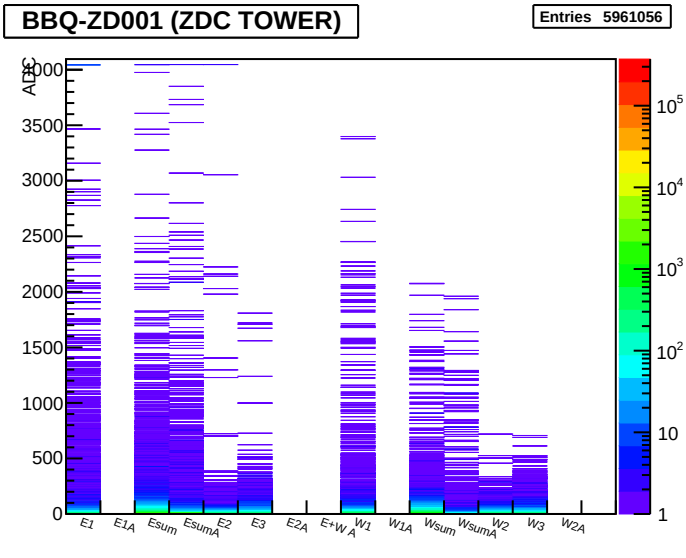

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

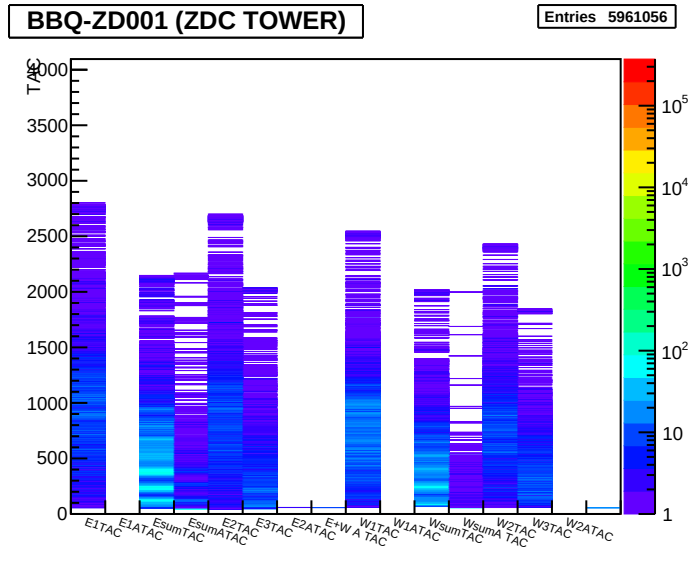

BBQ-BB001 (BBC east small tiles ADC)
Entries 5961056
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

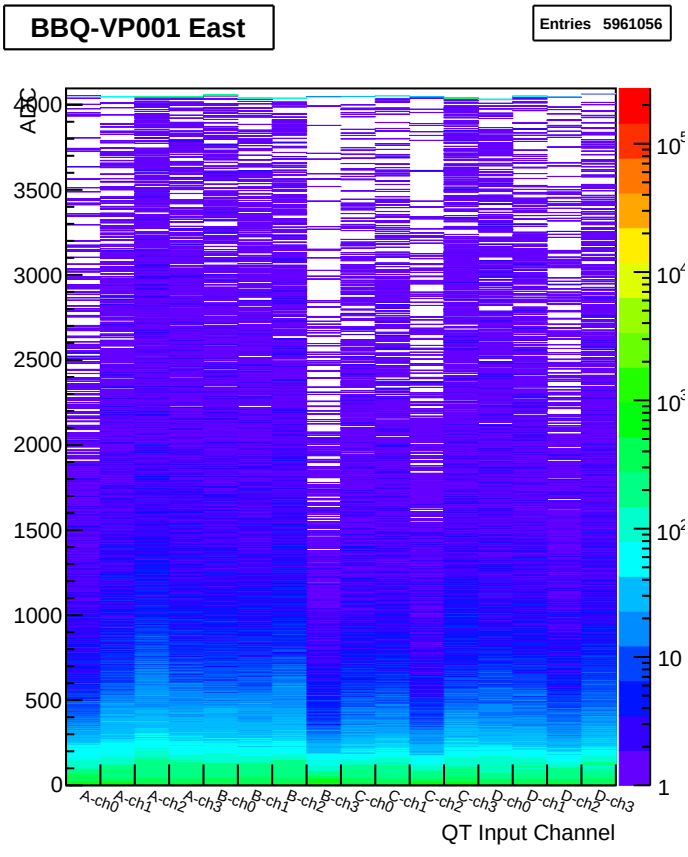

BBQ-BB001 (BBC east small tiles TAC)
Entries 5961056
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

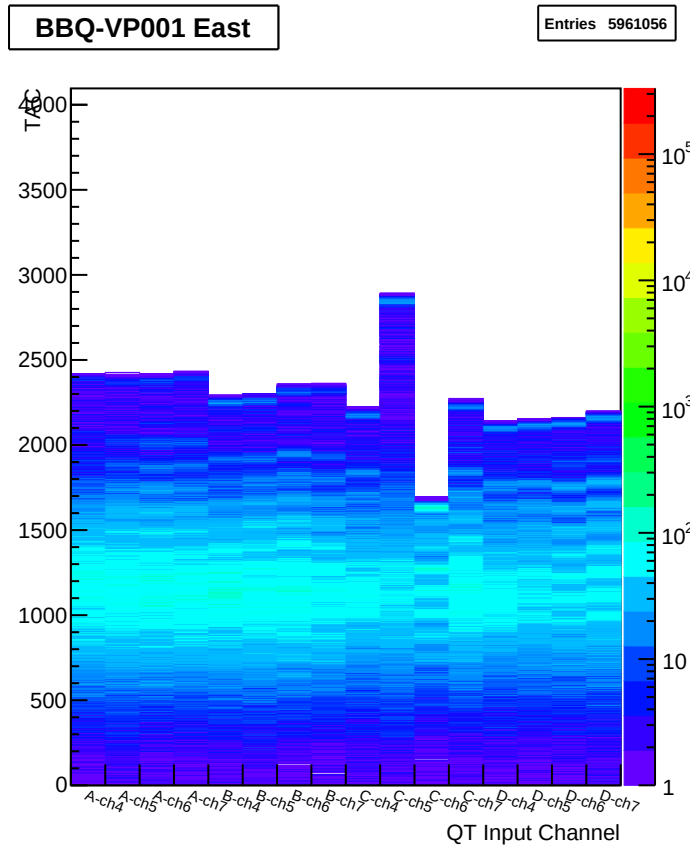

BBQ-BB002 (BBC west small tiles ADC)
Entries 5961056
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

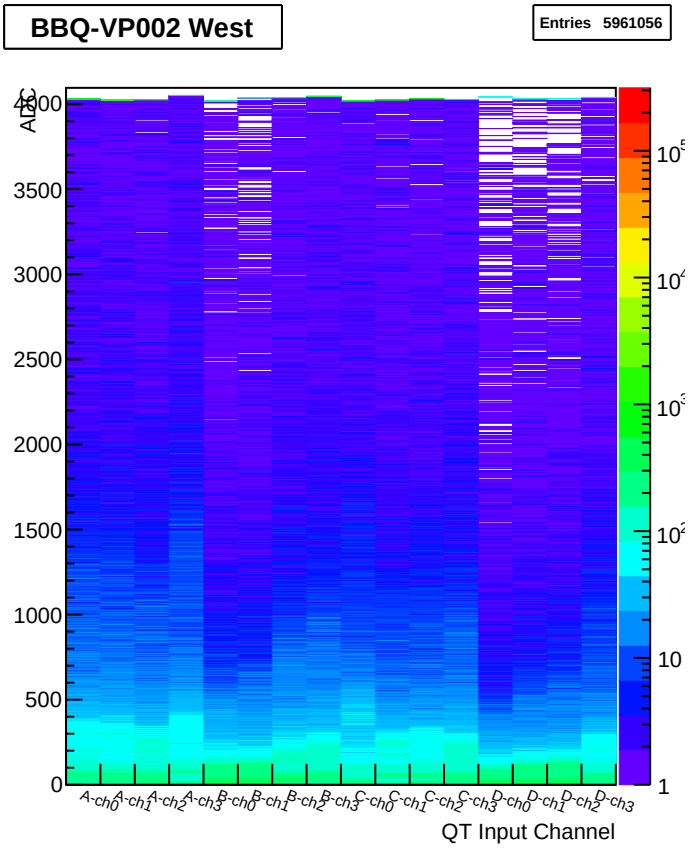

BBQ-BB002 (BBC west small tiles TAC)
Entries 5961056
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

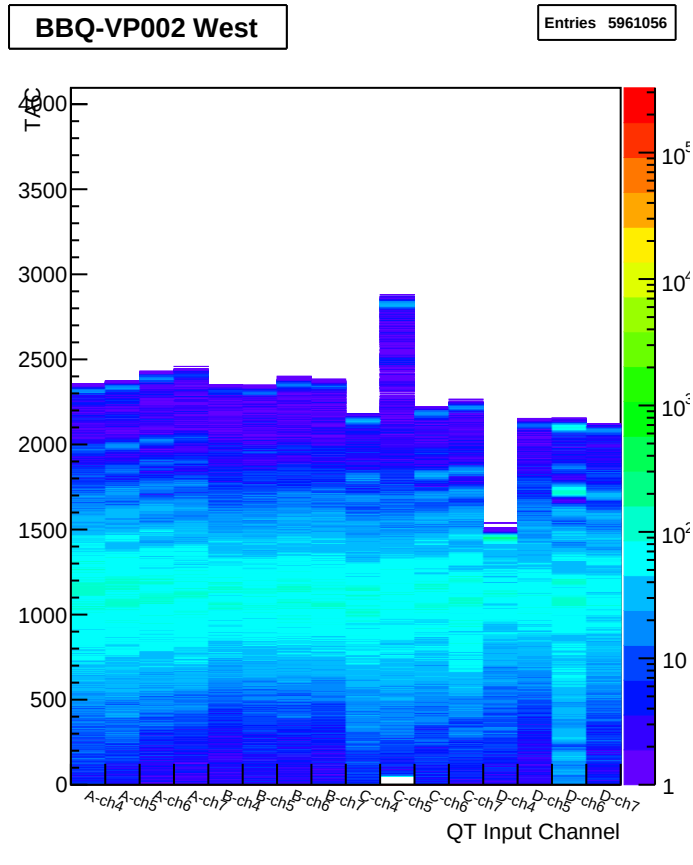

BBQ-ZD001 (ZDC TOWER)
Entries 5961056
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

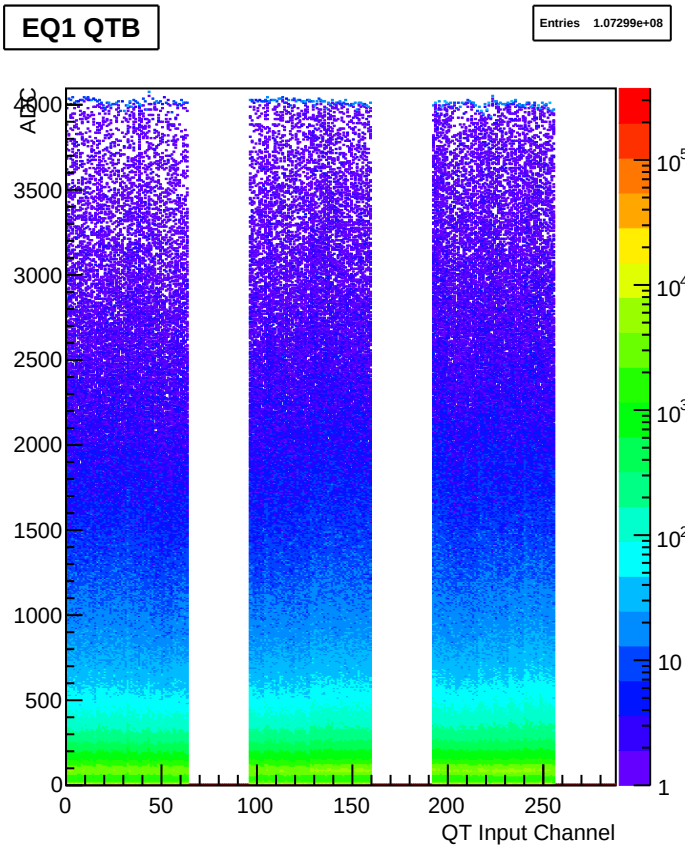

BBQ-ZD001 (ZDC TOWER)
Entries 5961056
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

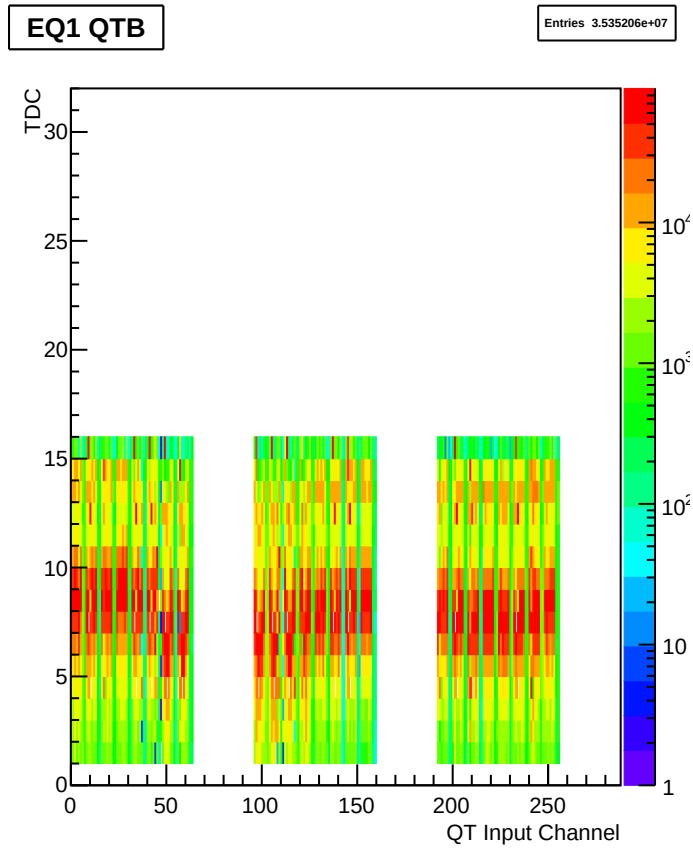

BBQ-VP001 East
Entries 5961056
ADC
QT Input Channel

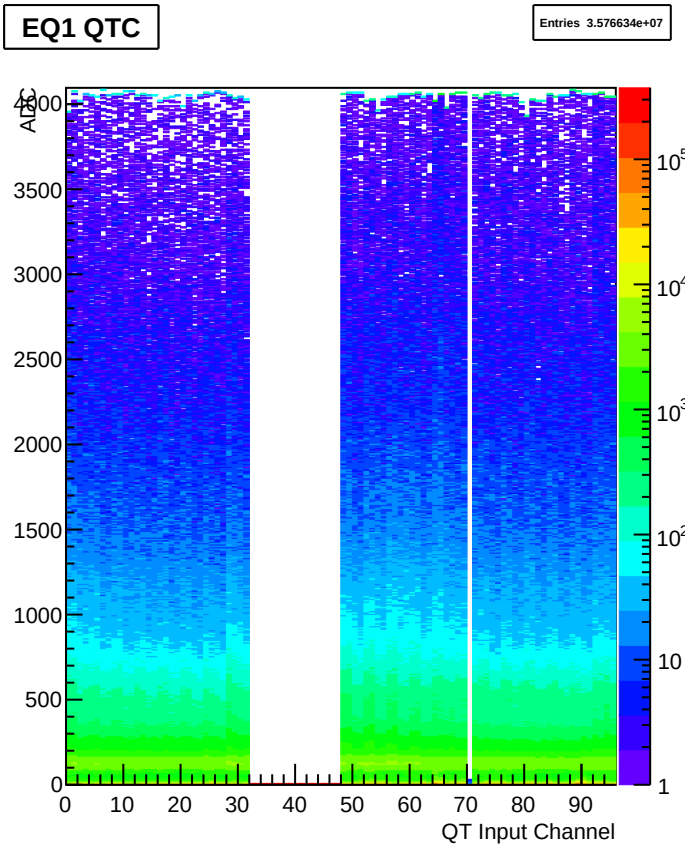

BBQ-VP001 East
Entries 5961056
TAC
QT Input Channel

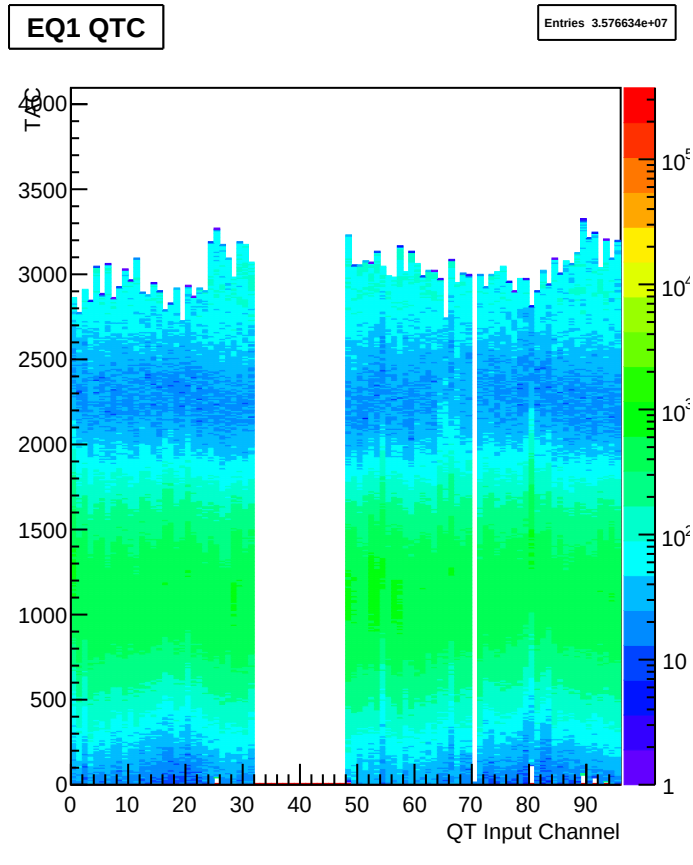

BBQ-VP002 West
Entries 5961056
ADC
QT Input Channel

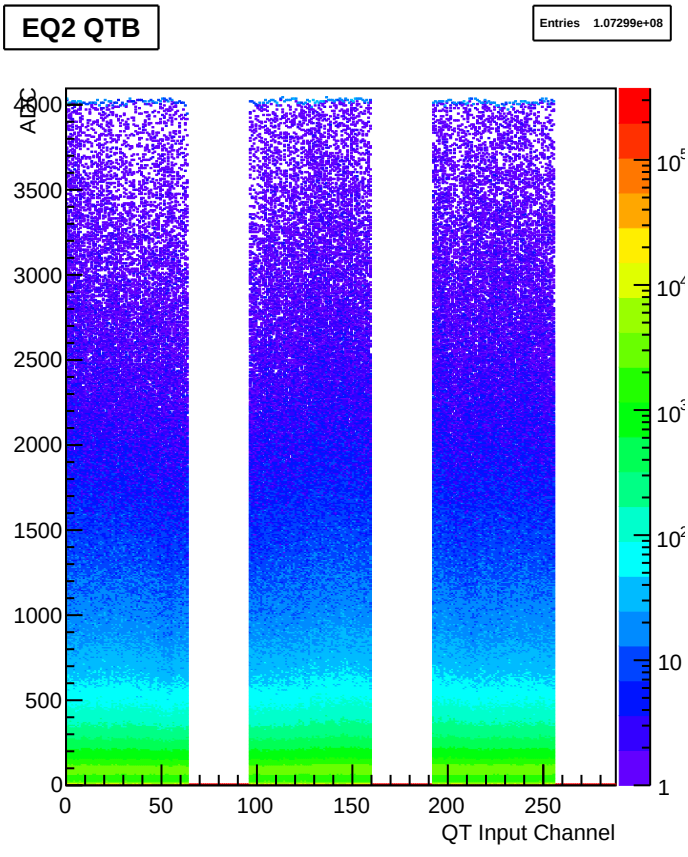

BBQ-VP002 West
Entries 5961056
TAC
QT Input Channel

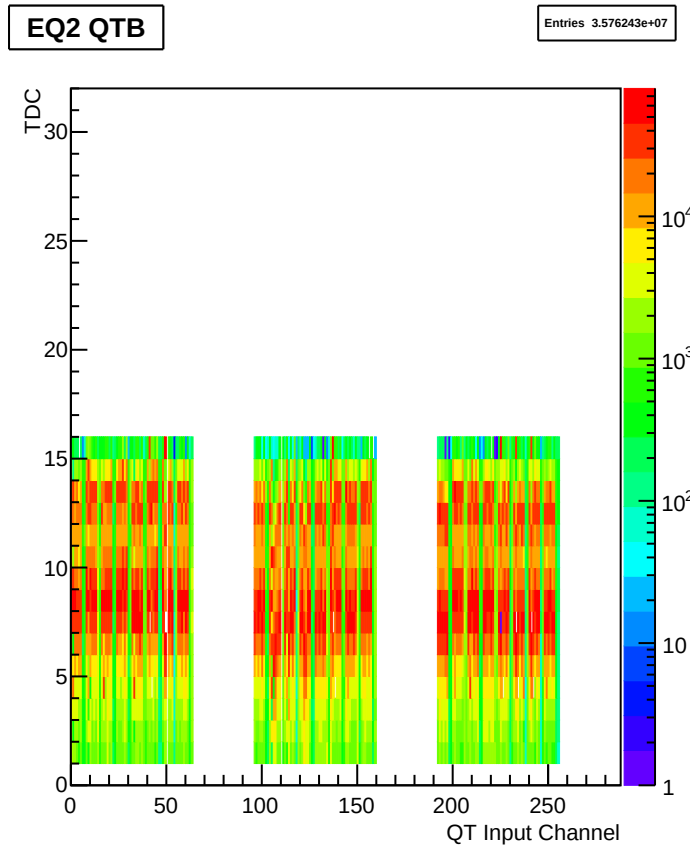

EQ1 QTB
Entries 1.07299e+08
ADC
QT Input Channel

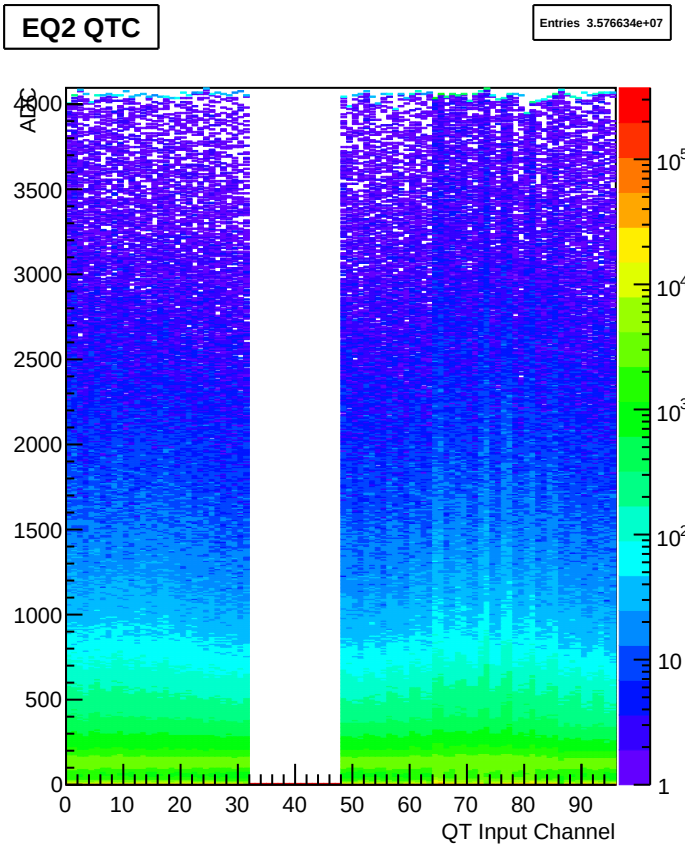

EQ1 QTB
Entries 3.535206e+07
TDC
QT Input Channel

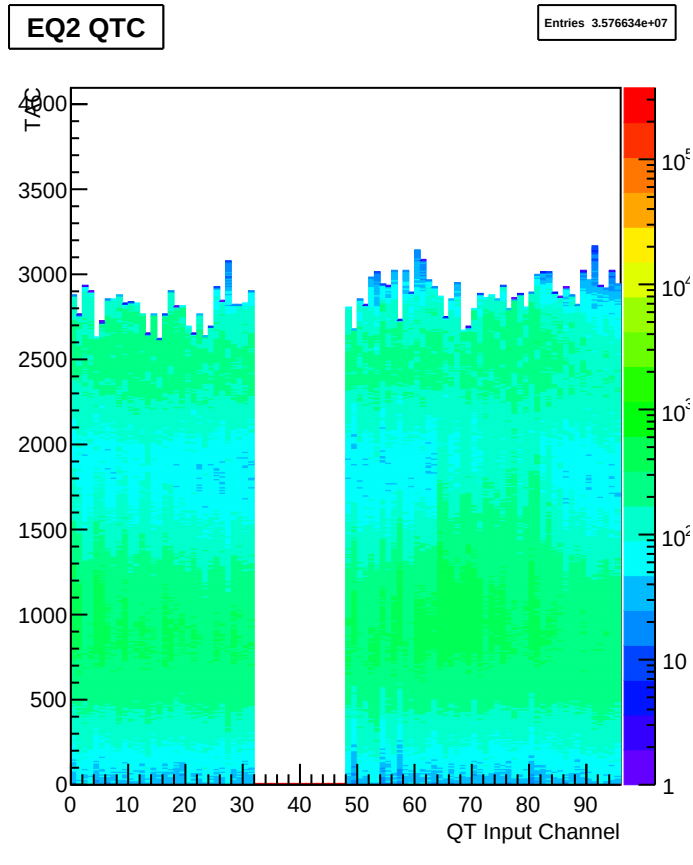

EQ1 QTC
Entries 3.576634e+07
ADC
QT Input Channel

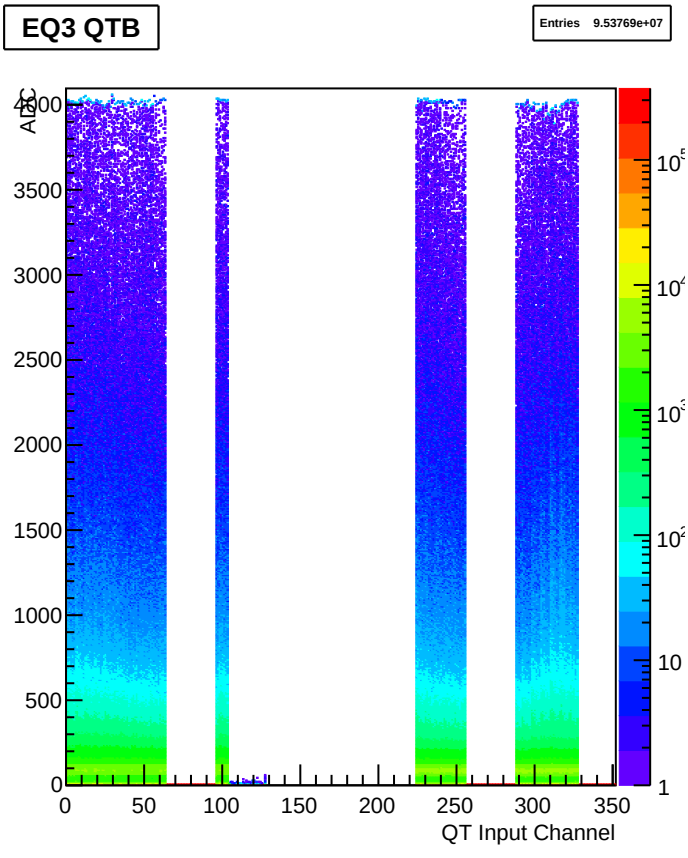

EQ1 QTC
Entries 3.576634e+07
TADC
QT Input Channel

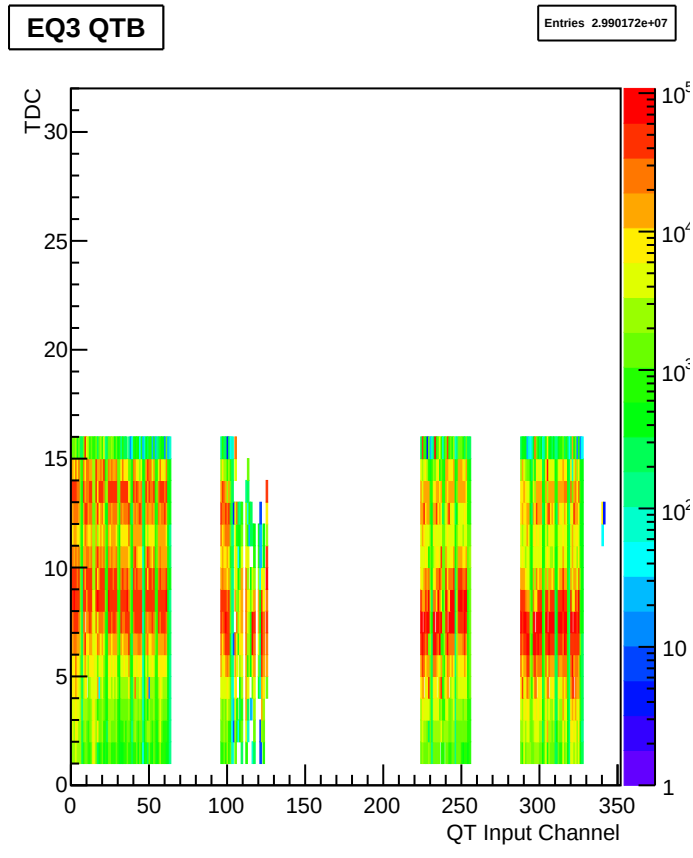

EQ2 QTB
Entries 1.07299e+08
ADC
QT Input Channel

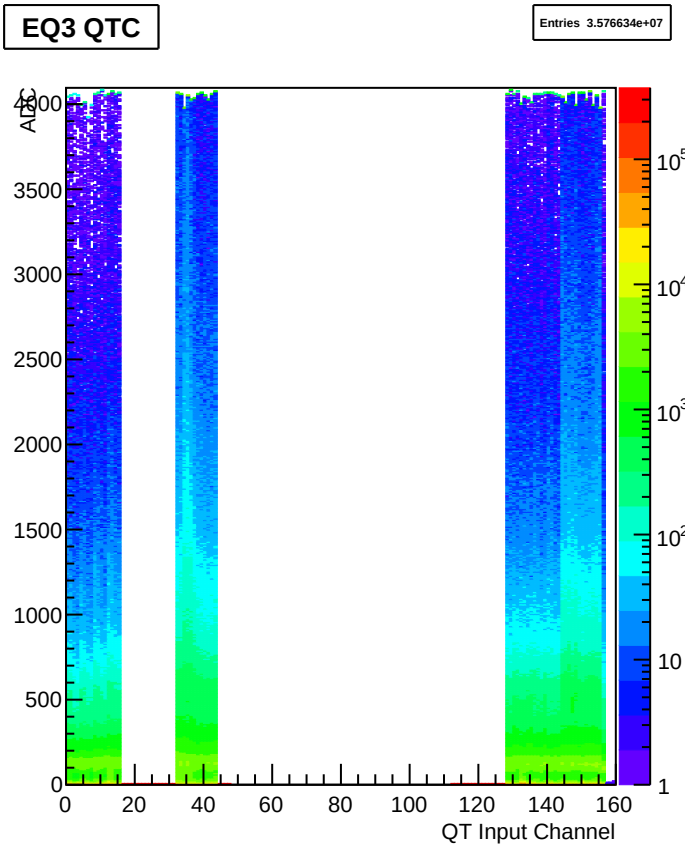

EQ2 QTB
Entries 3.576243e+07
TDC
QT Input Channel

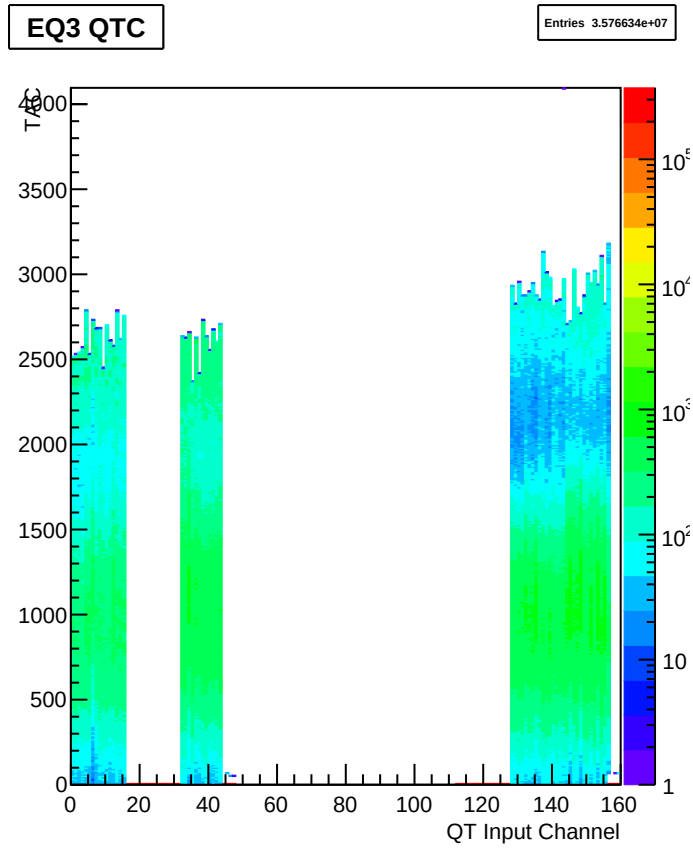

EQ2 QTC
Entries 3.576634e+07
ADC
QT Input Channel

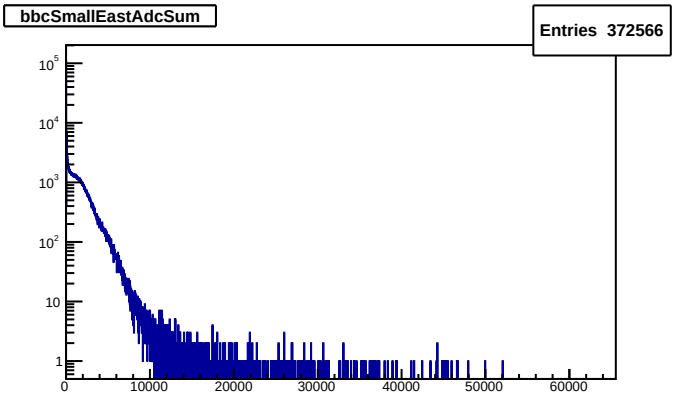

EQ2 QTC
Entries 3.576634e+07
TADC
QT Input Channel

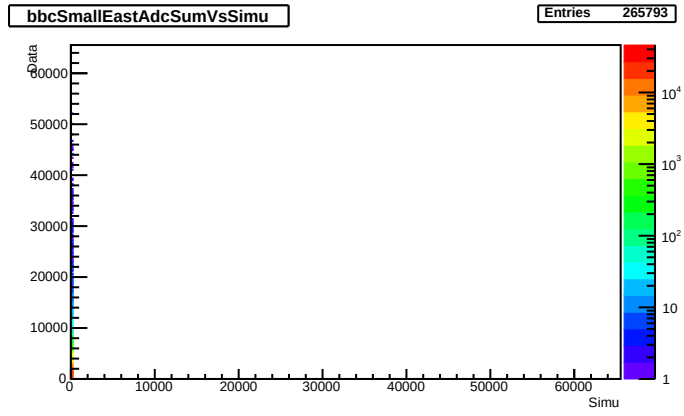

EQ3 QTB
Entries 9.53769e+07
ADC
QT Input Channel

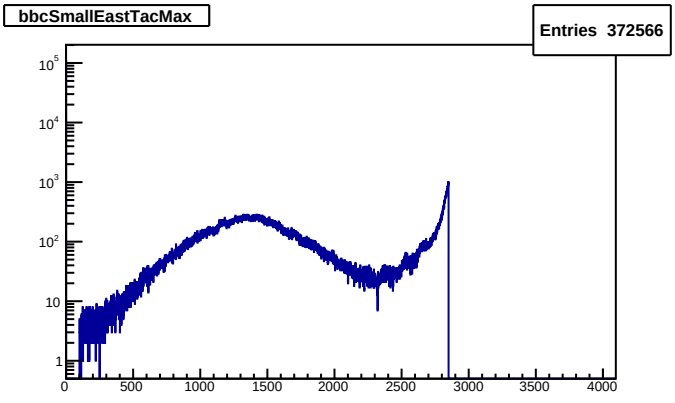

EQ3 QTB
Entries 2.990172e+07
TDC
QT Input Channel

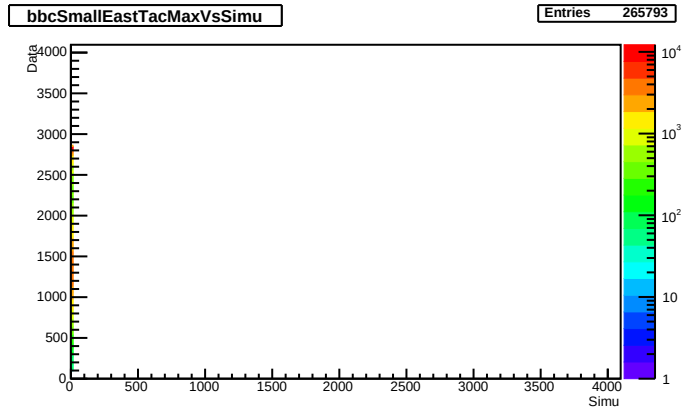

EQ3 QTC
Entries 3.576634e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.576634e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 372566


bbcSmallEastAdcSumVsSimu
Entries 265793
Data
Simu


bbcSmallEastTacMax
Entries 372566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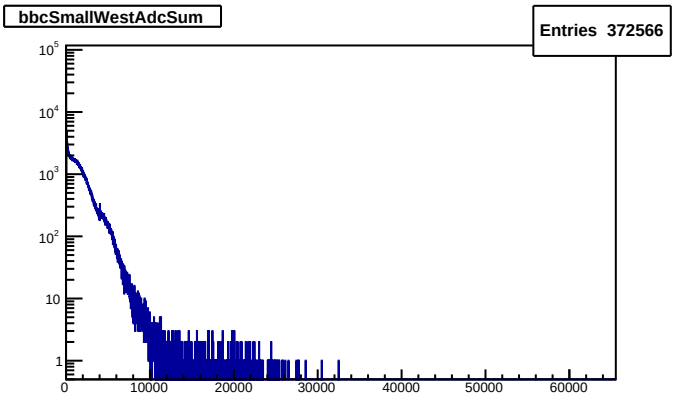
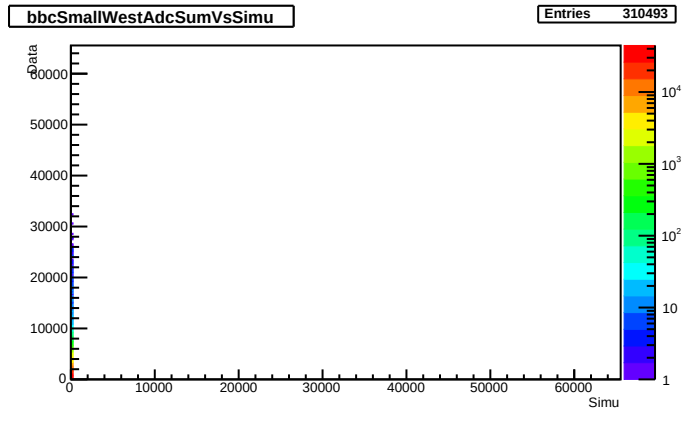
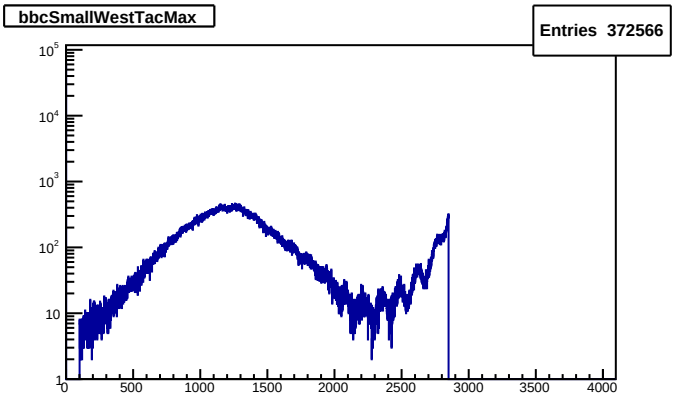
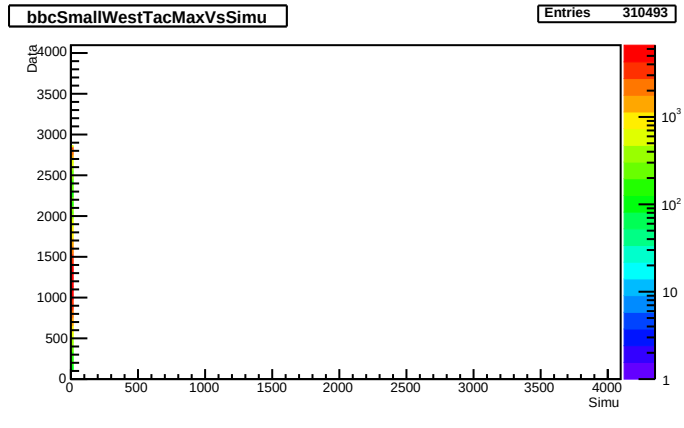
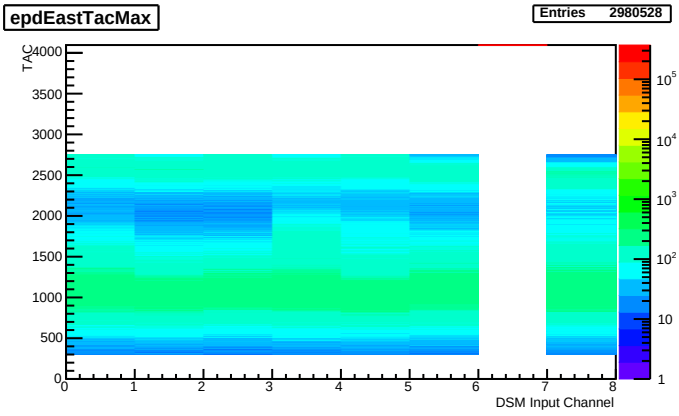
Data
Simu

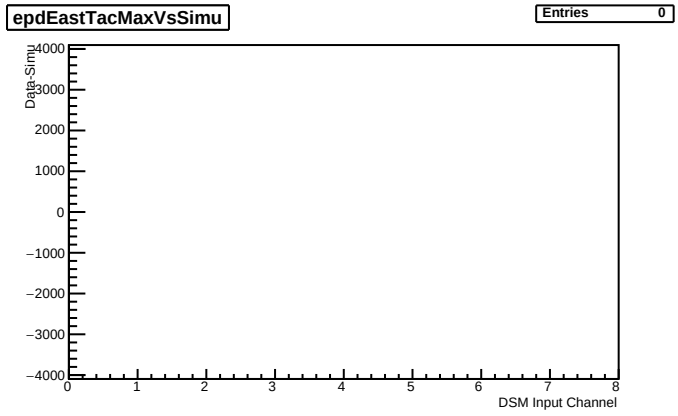

bbcSmallWestAdcSum
Entries 372566

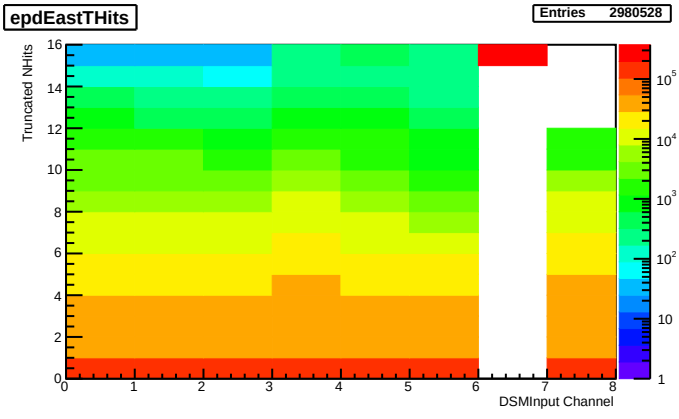

bbcSmallWestAdcSumVsSimu
Entries 310493
Data
Simu

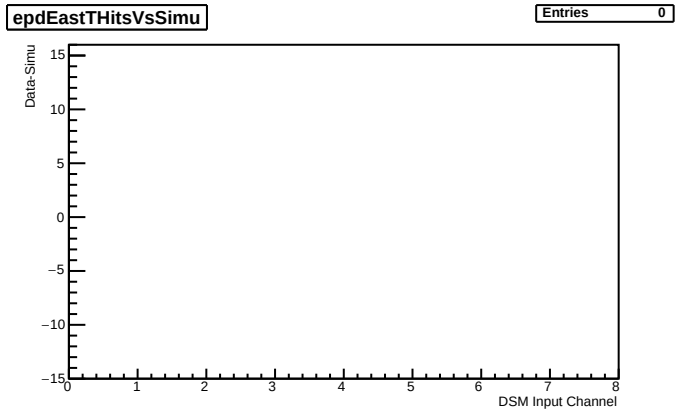

bbcSmallWestTacMax
Entries 372566


bbcSmallWestTacMaxVsSimu
Entries 310493
Data
Simu


epdEastTacMax
Entries 2980528
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2980528
Truncated NHits
DSMInput Channel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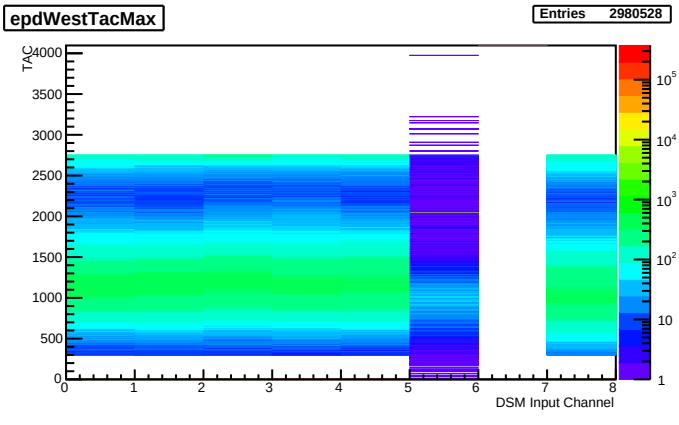
Entries 0
Data-Simu
DSM Input Channel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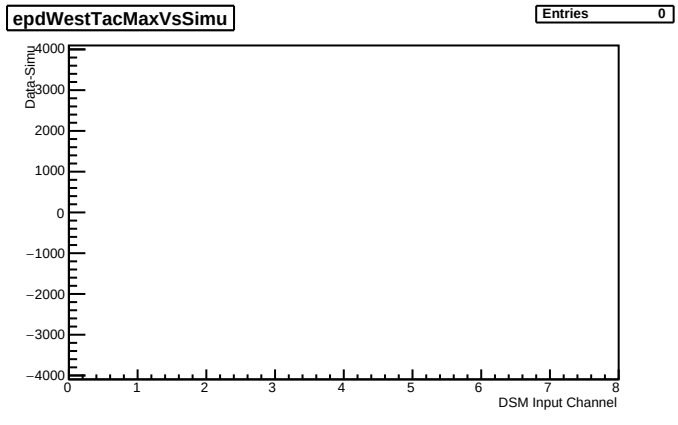
Entries 2980528
TAC
DSM Input Channel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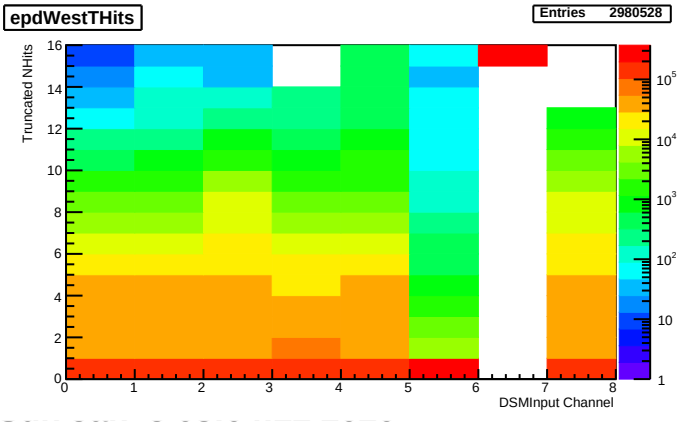
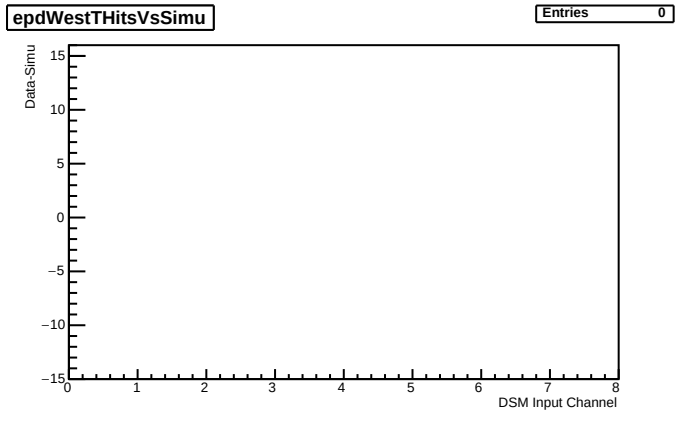
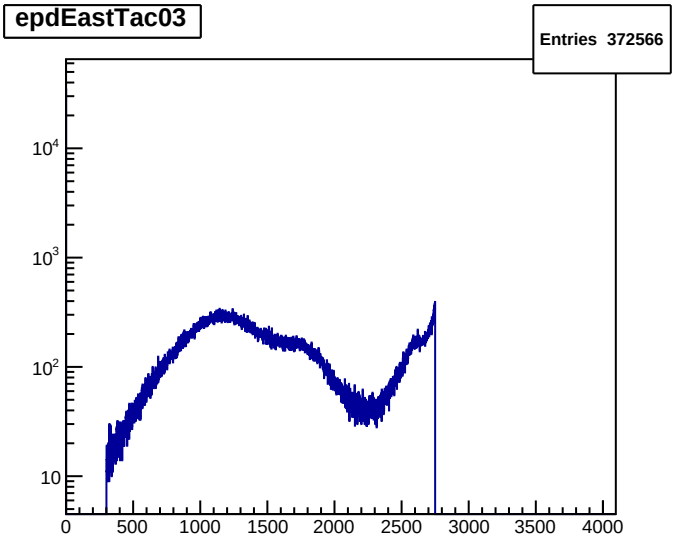
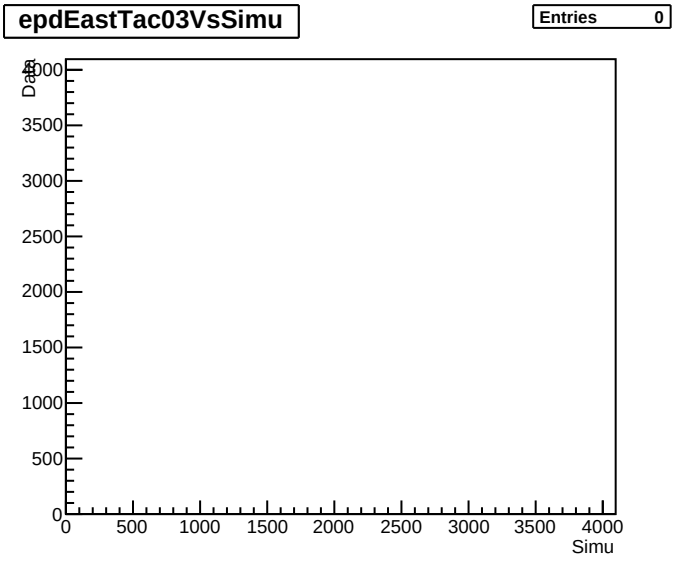
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2980528
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 372566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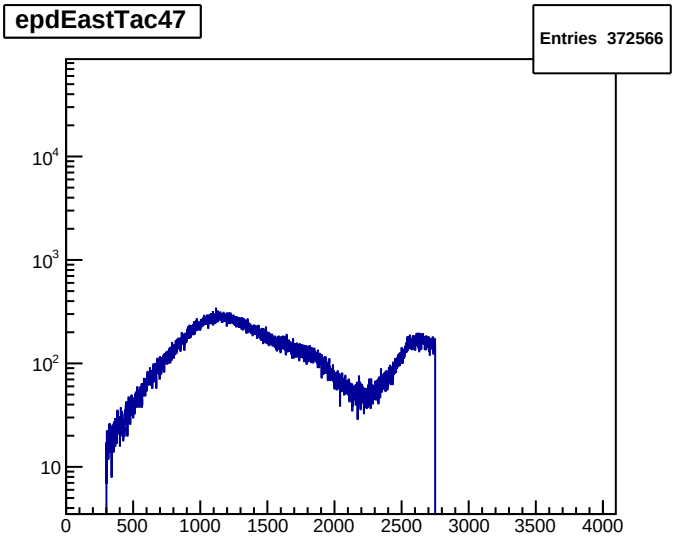
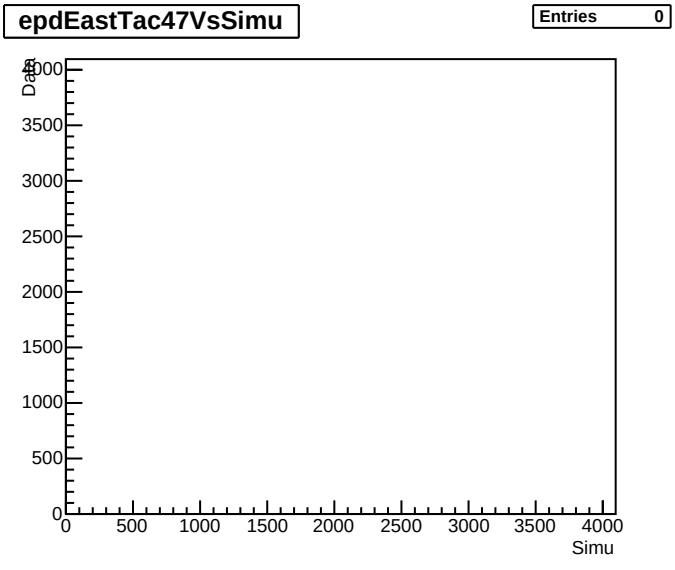
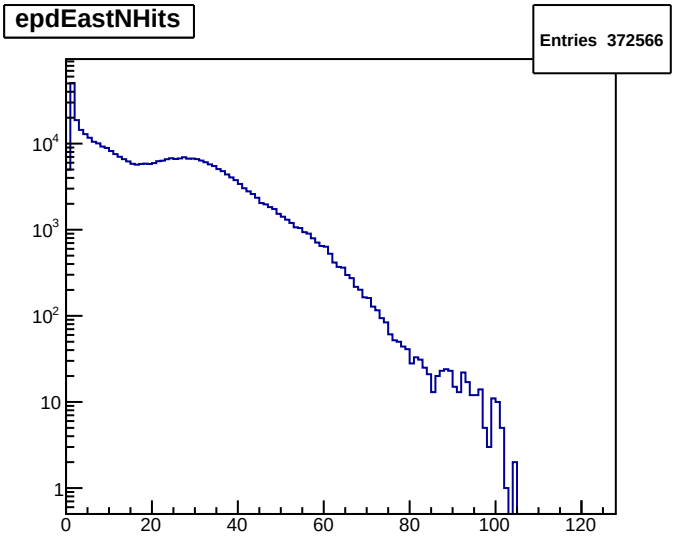
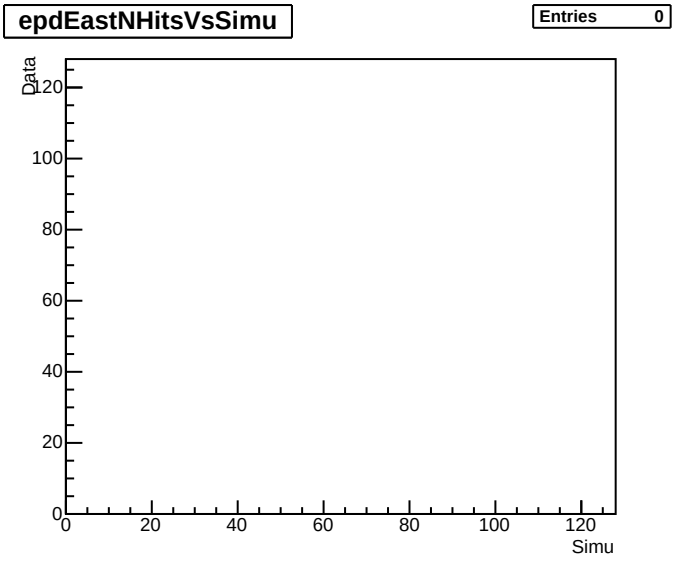
Entries 0
Data
Simu


epdEastTac47
Entries 372566


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 372566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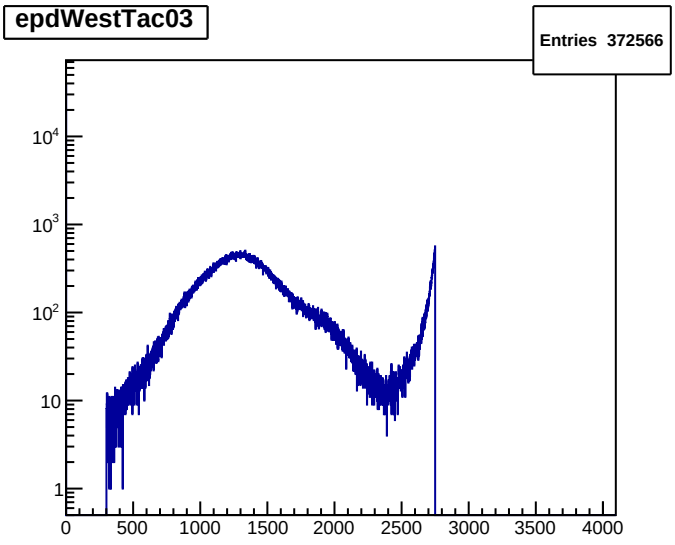
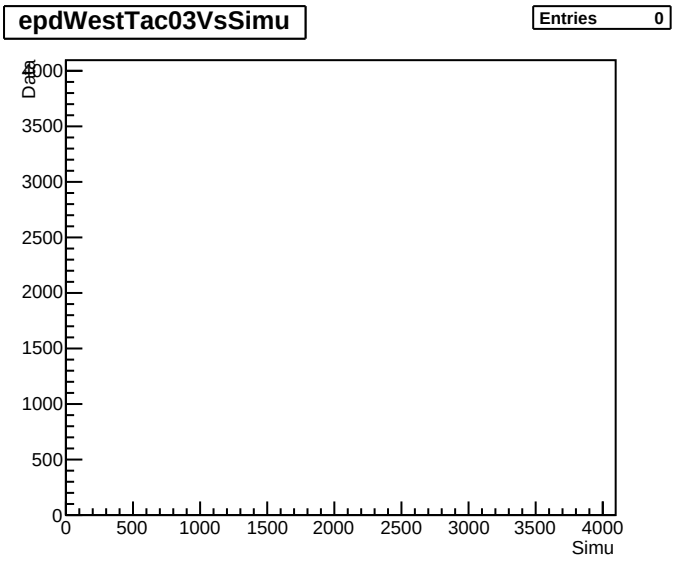
Entries 0
Data
Simu


epdWestTac03
Entries 372566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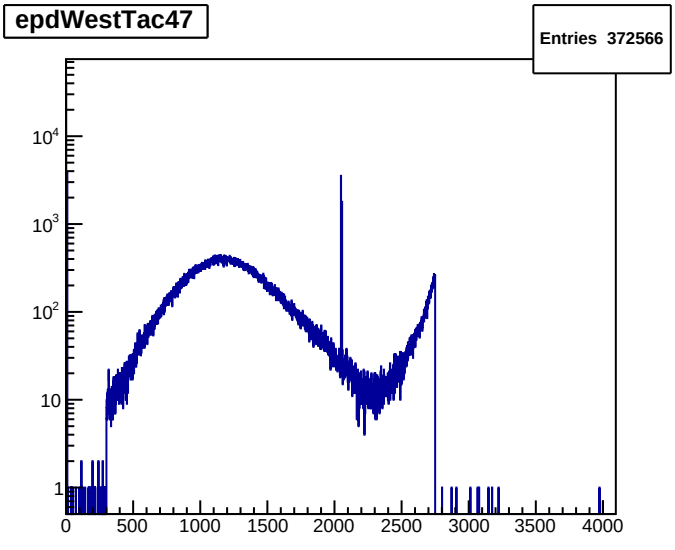
Entries 0
Data
Simu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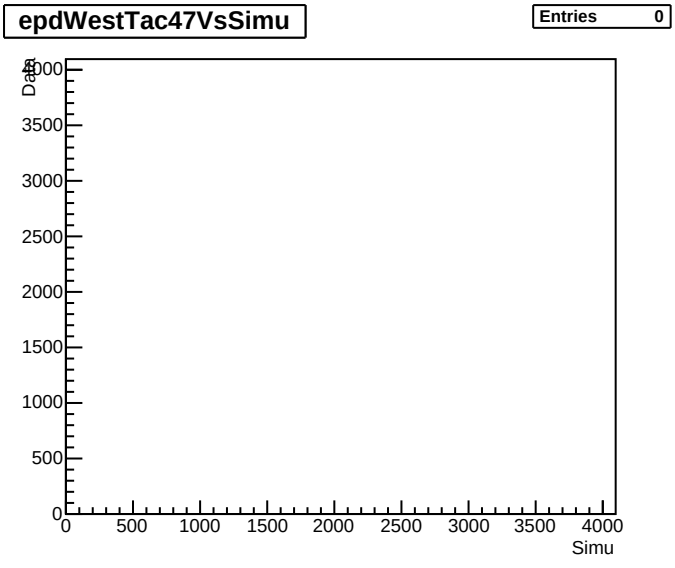
Entries 372566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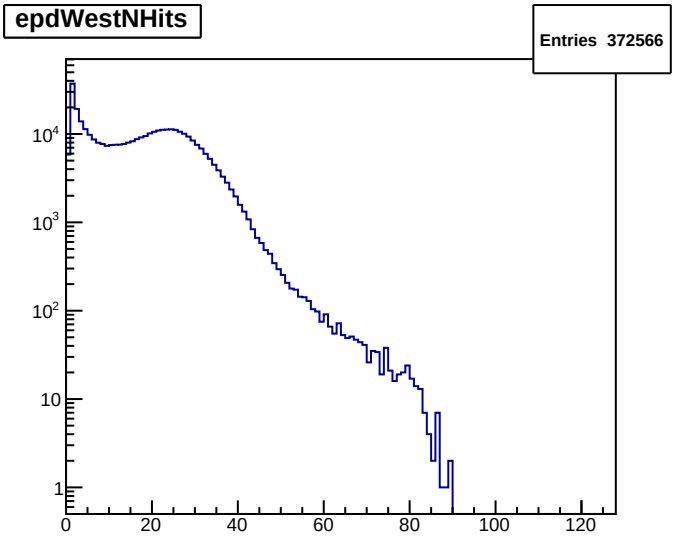
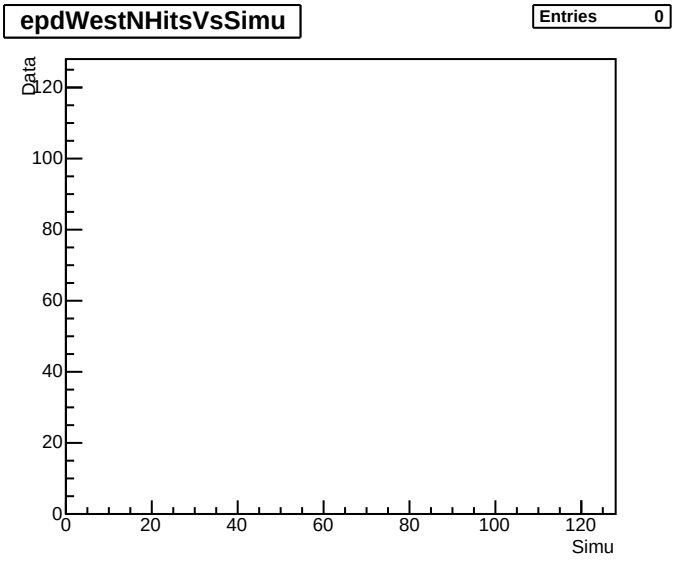
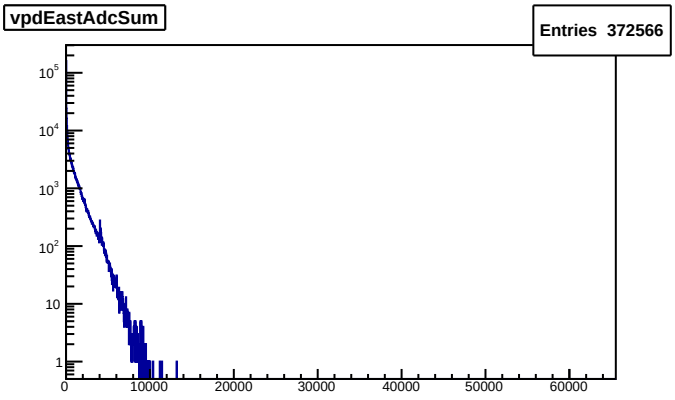
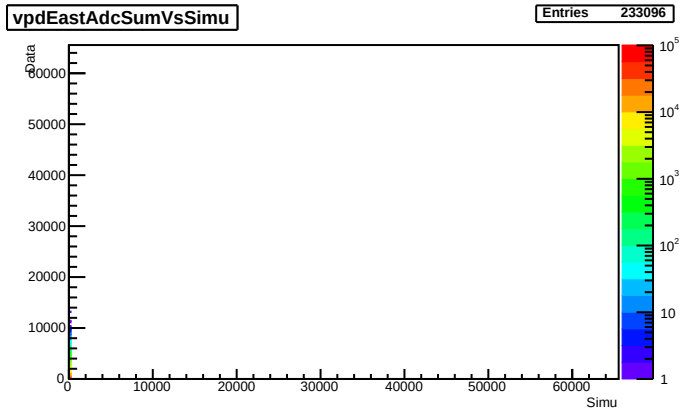
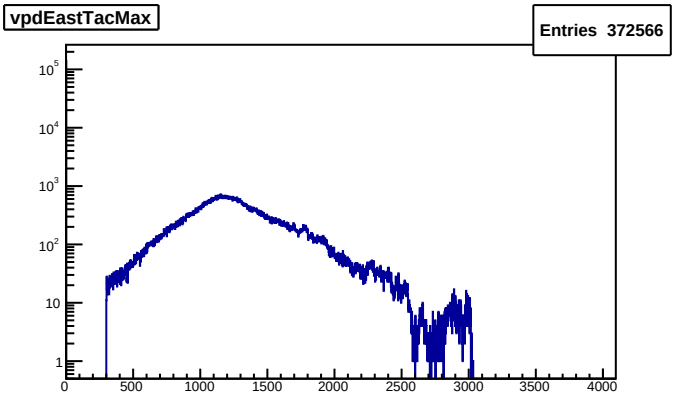
Entries 0
Data
Simu

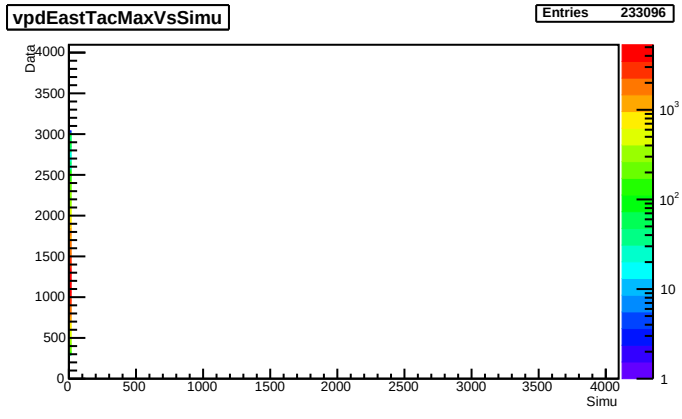

epdWestNHits
Entries 372566

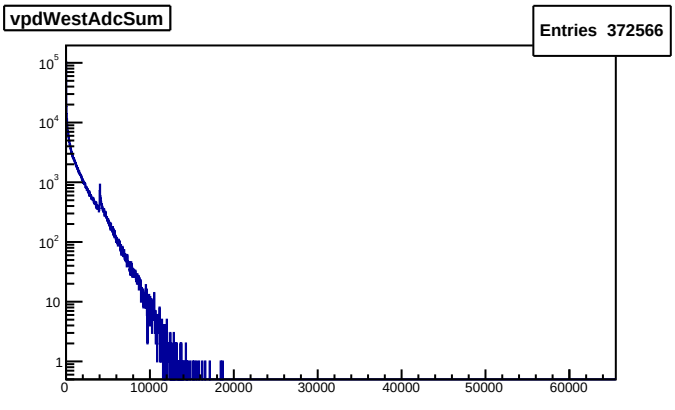

epdWestNHitsVsSimu
Entries 0
Data
Simu

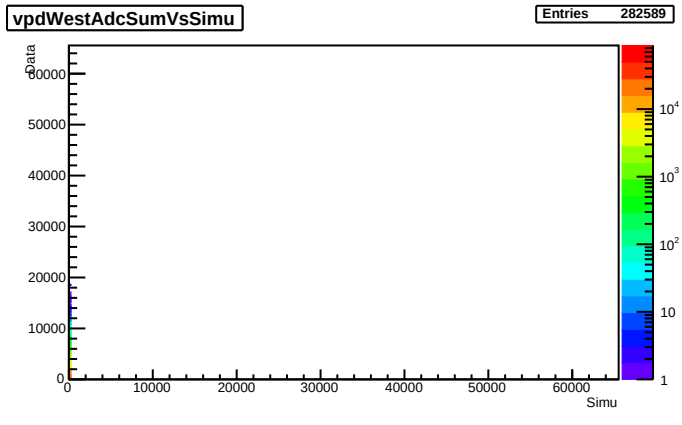

vpdEastAdcSum
Entries 372566

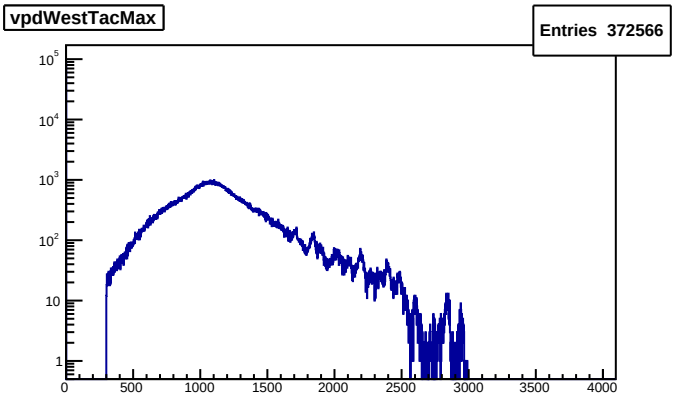

vpdEastAdcSumVsSimu
Entries 233096
Data
Simu

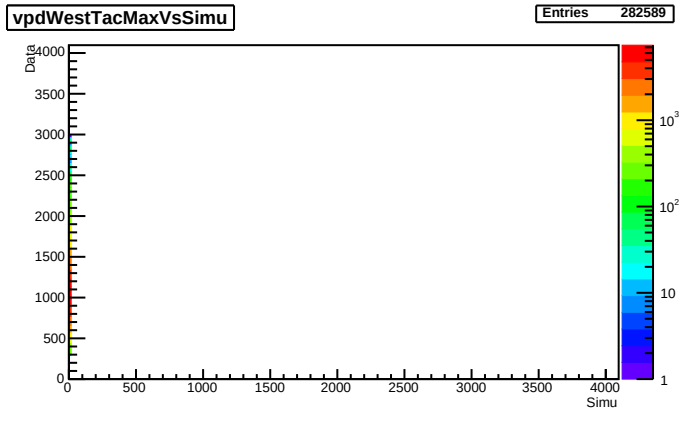

vpdEastTacMax
Entries 372566

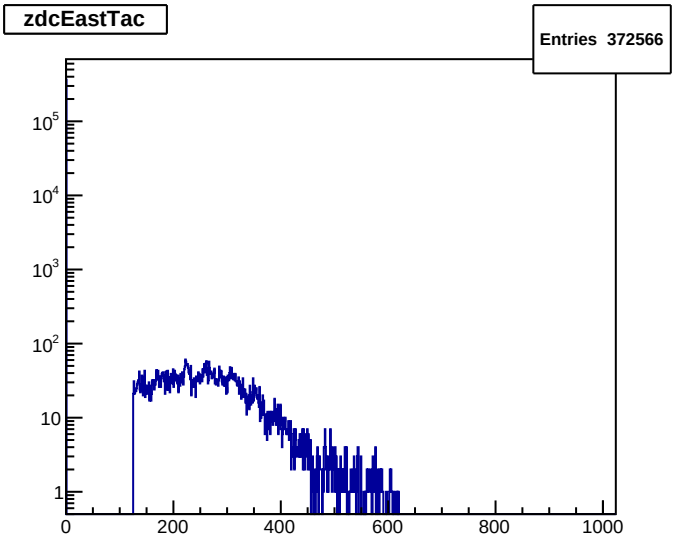

vpdEastTacMaxVsSimu
Entries 233096
Data
Simu

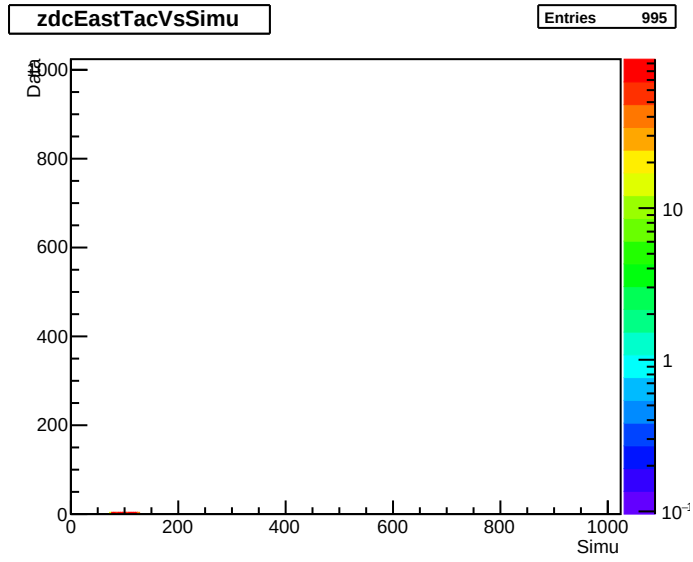

vpdWestAdcSum
Entries 372566

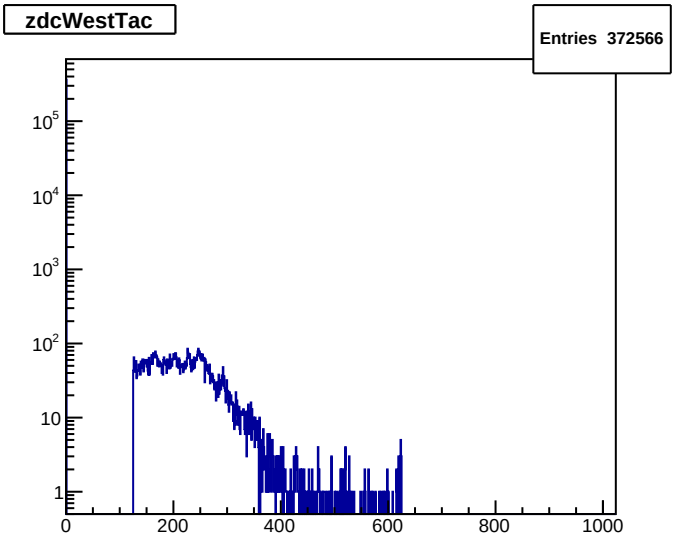

vpdWestAdcSumVsSimu
Entries 282589
Data
Simu

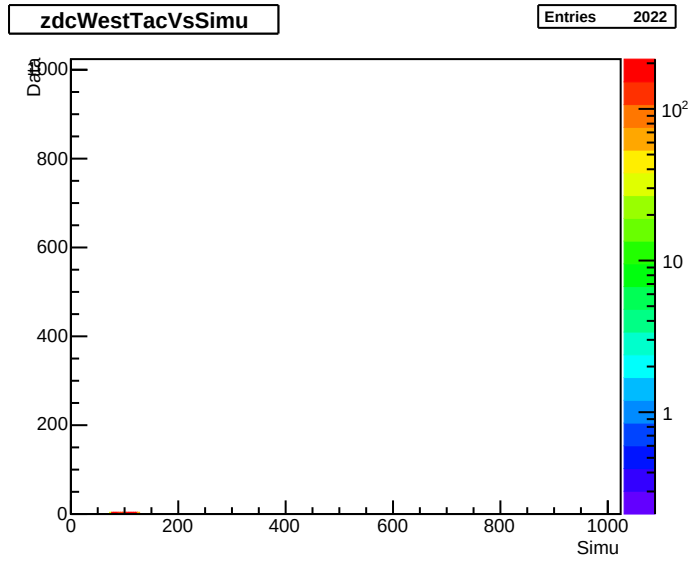

vpdWestTacMax
Entries 372566

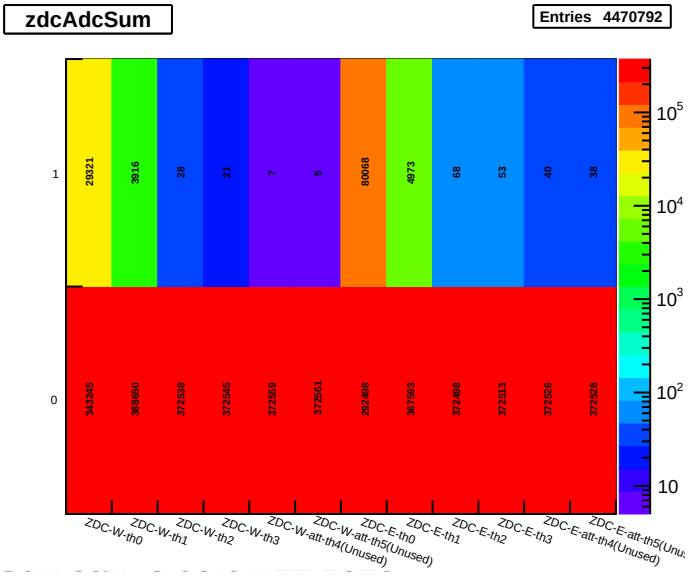

vpdWestTacMaxVsSimu
Entries 282589
Data
Simu

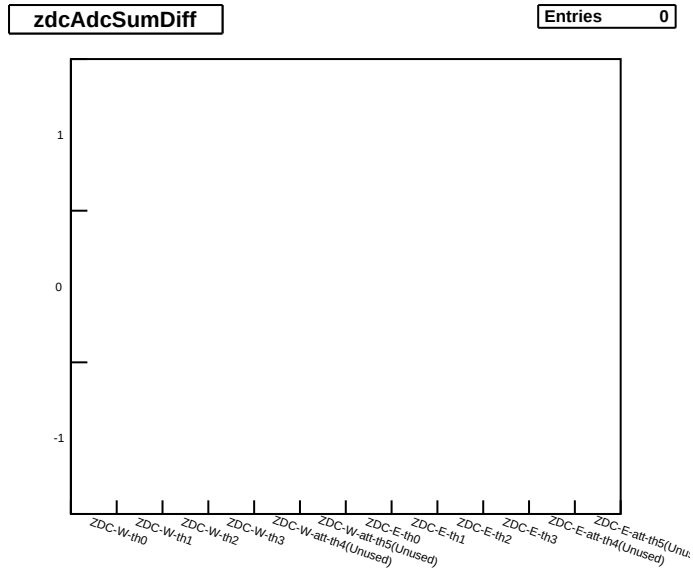

zdcEastTac
Entries 372566

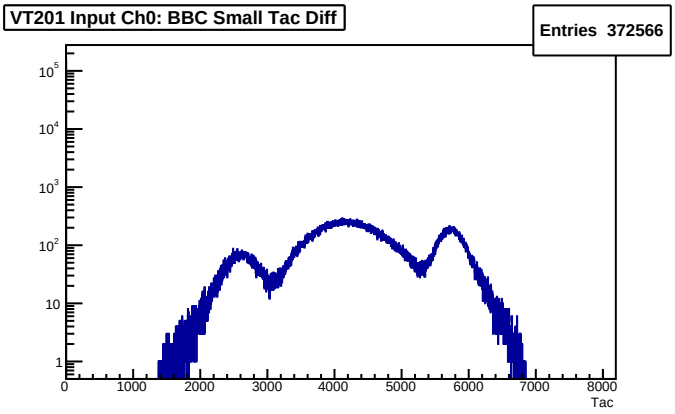

zdcEastTacVsSimu
Entries 995
Data
Simu

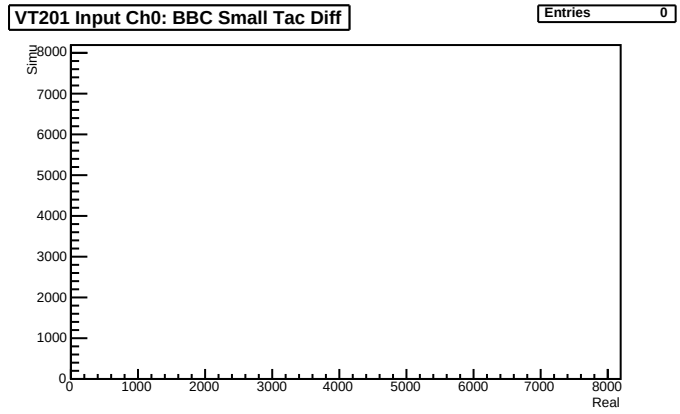

zdcWestTac
Entries 372566

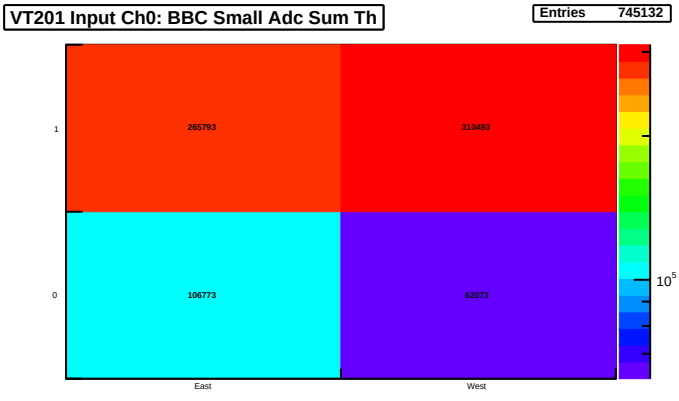

zdcWestTacVsSimu
Entries 2022
Data
Simu

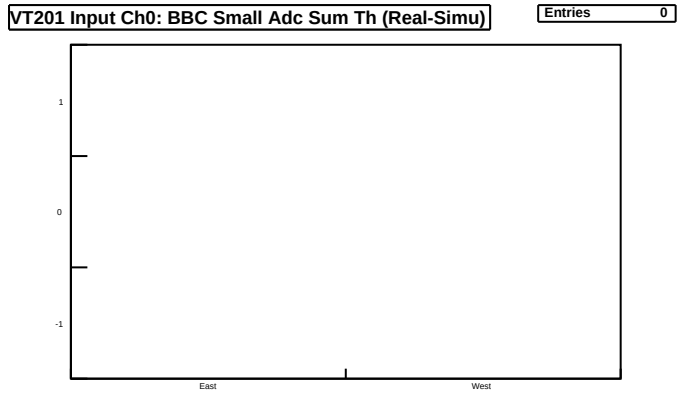

zdcAdcSum
Entries 4470792
29321
3916
28
21
7
5
80068
4973
68
53
40
38
343245
368650
372538
372545
372559
372561
292498
367593
372498
372513
372526
372528
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

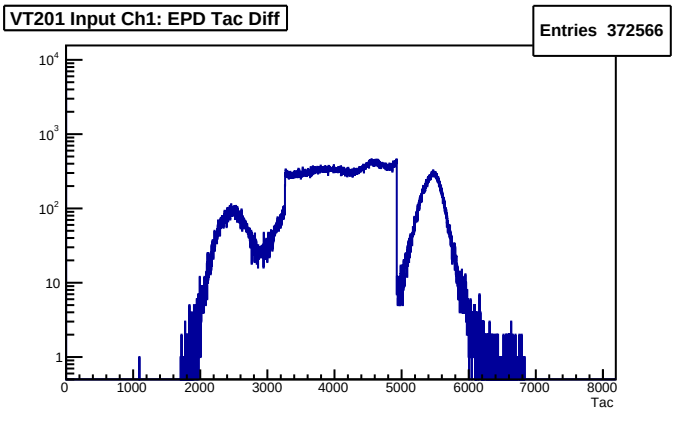

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

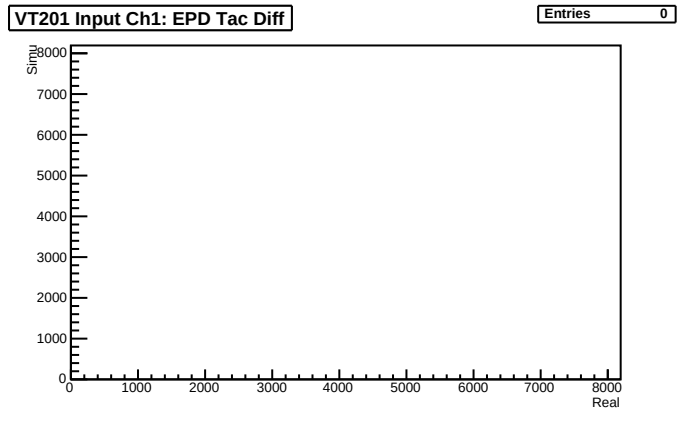

VT201 Input Ch0: BBC Small Tac Diff
Entries 372566
Tac

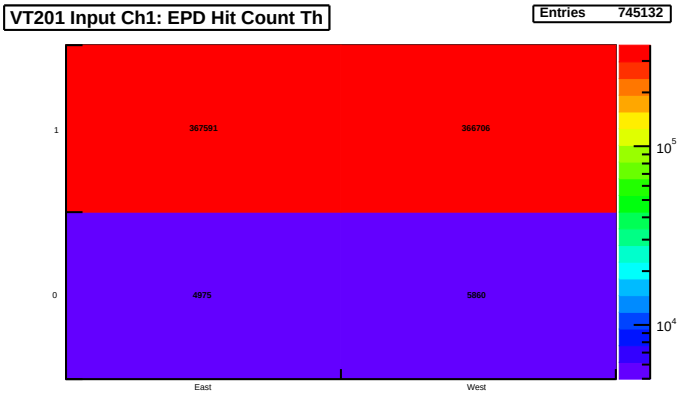

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

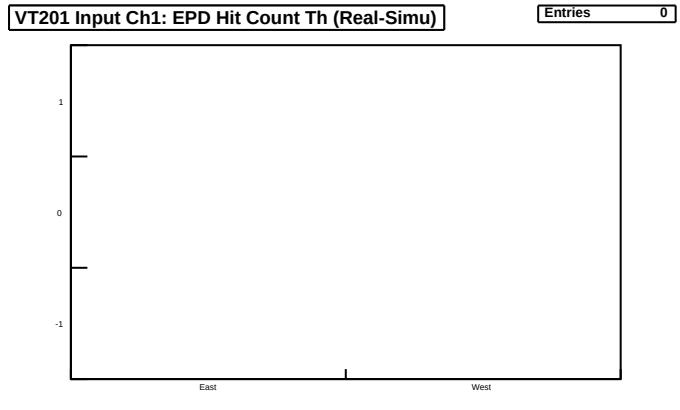

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 745132
265793
310493
106773
62073
East
West

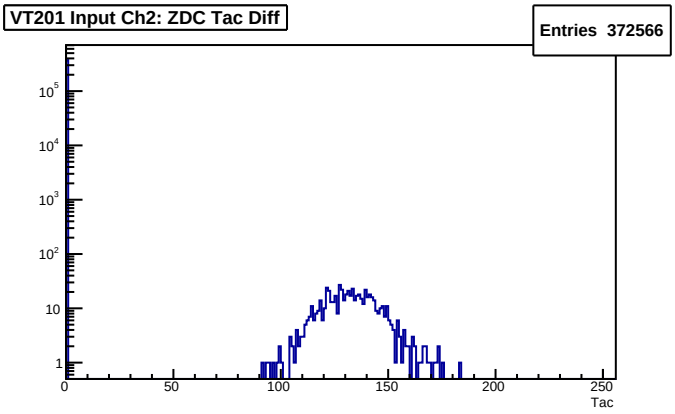

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

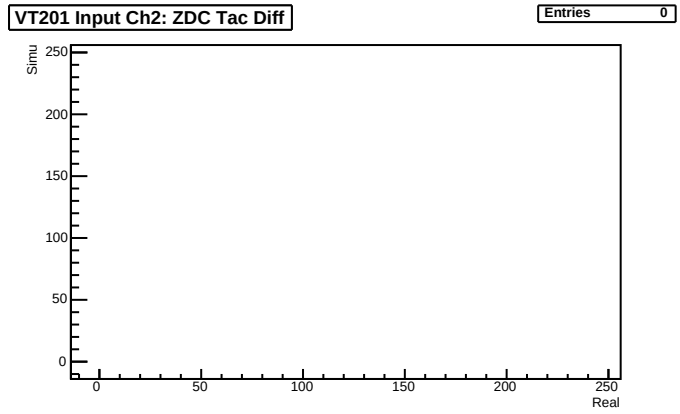

VT201 Input Ch1: EPD Tac Diff
Entries 372566
Tac

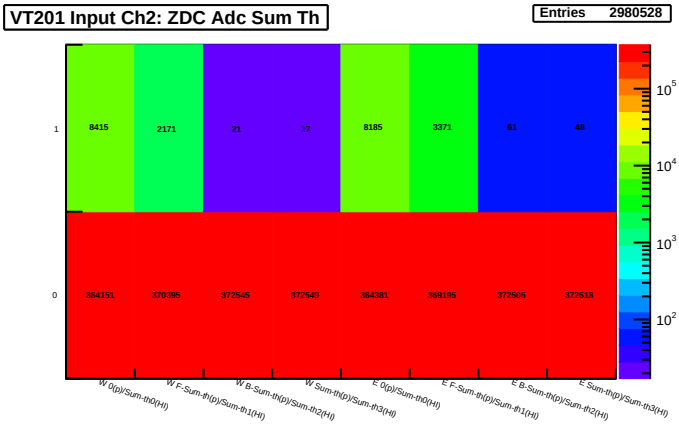

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

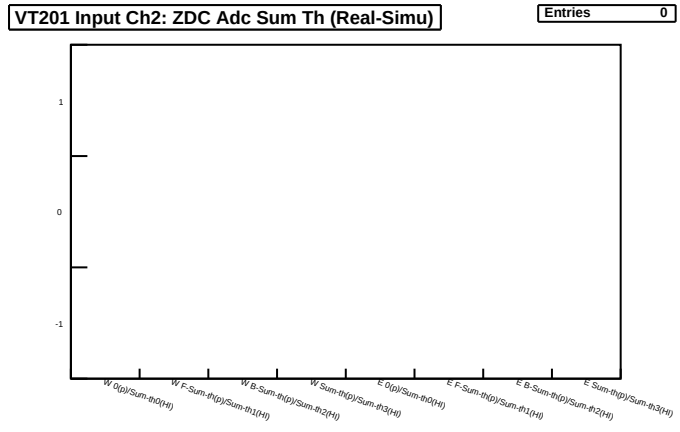

VT201 Input Ch1: EPD Hit Count Th
Entries 745132
367591
366706
4975
5860
East
West

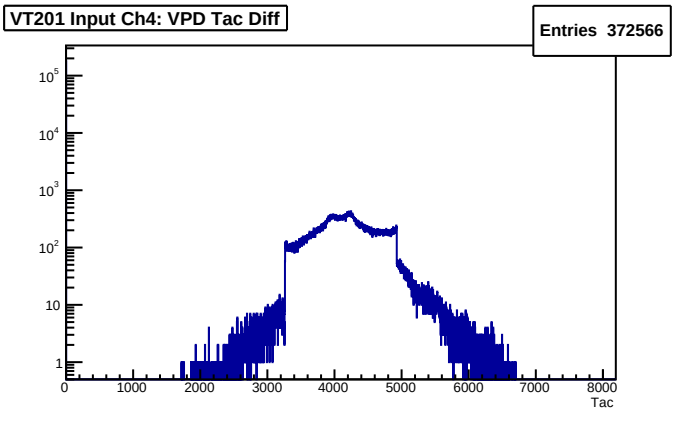

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

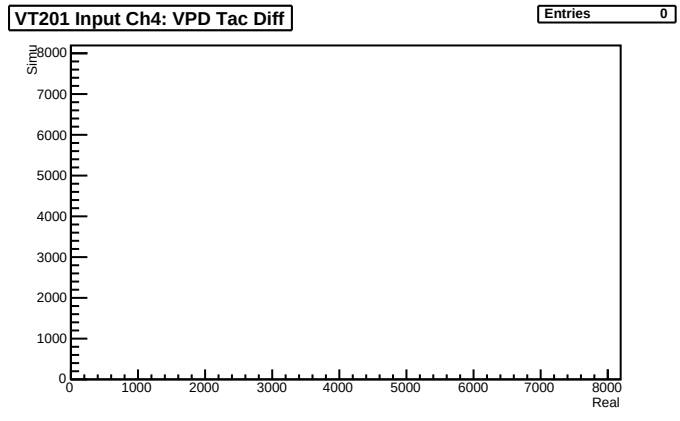

VT201 Input Ch2: ZDC Tac Diff
Entries 372566
Tac

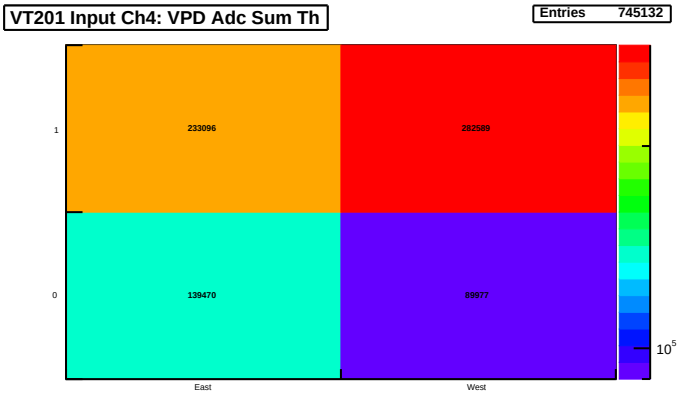

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

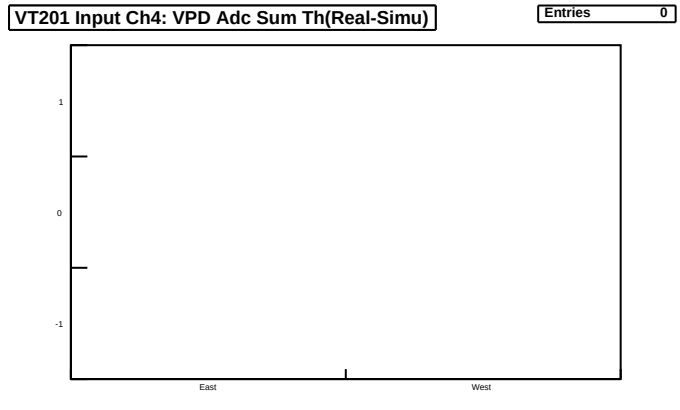

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2980528
8415
2171
21
17
8185
3371
61
48
364151
370395
372545
372549
364381
369195
372505
372518
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

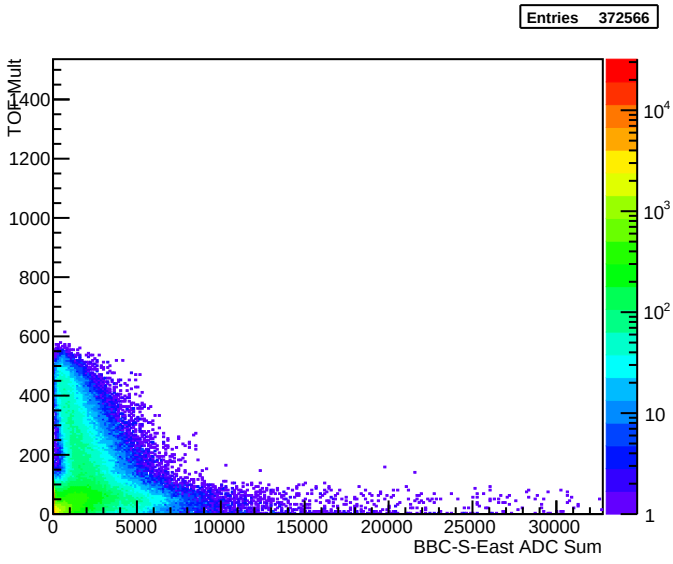

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

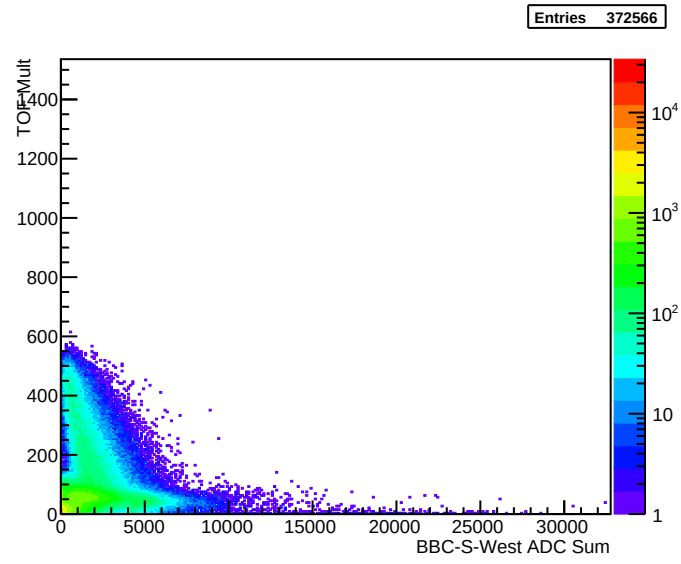

VT201 Input Ch4: VPD Tac Diff
Entries 372566
Tac

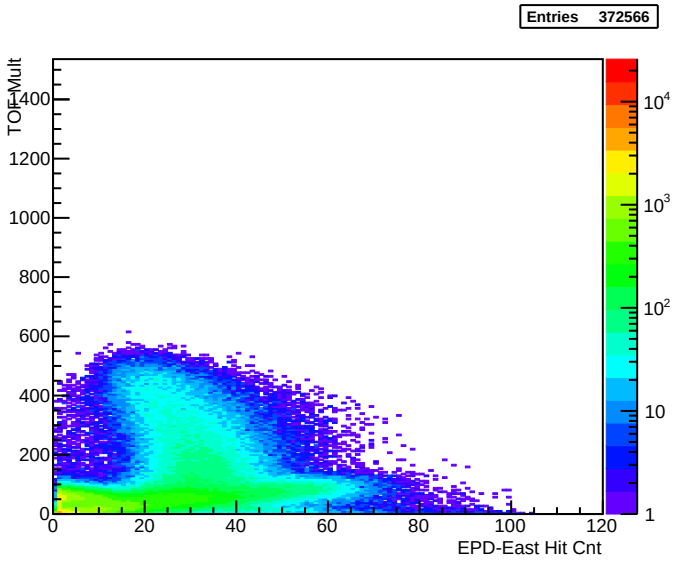

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

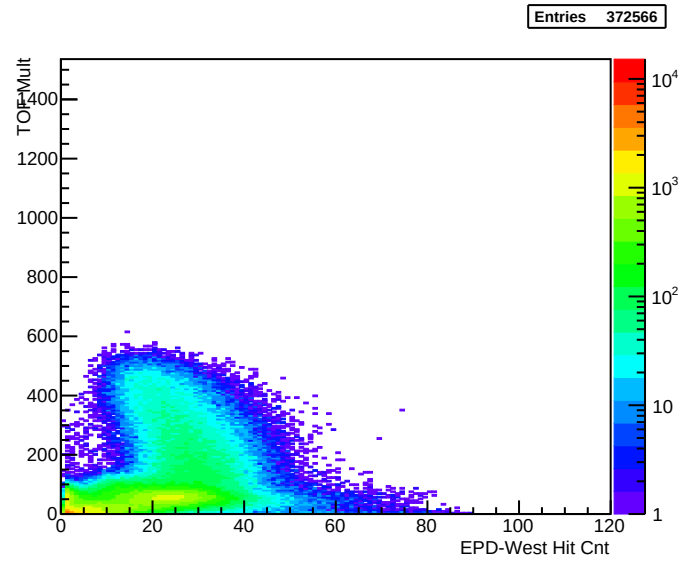

VT201 Input Ch4: VPD Adc Sum Th
Entries 745132
233096
282589
139470
89977
East
West

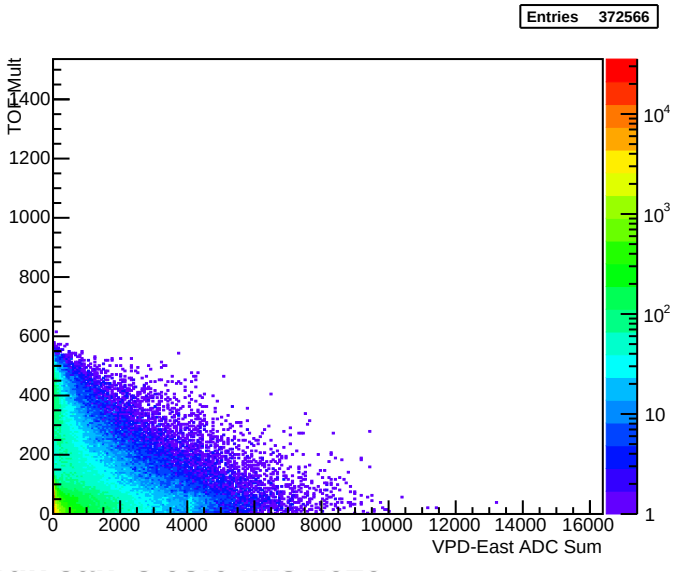

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

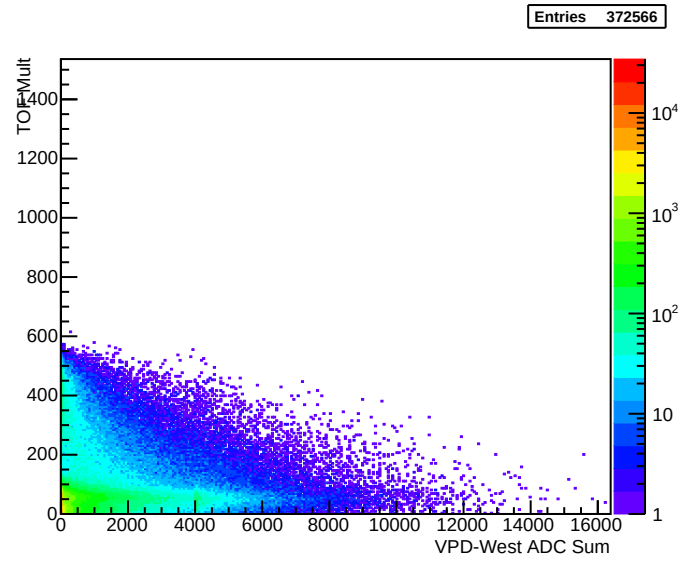

Entries 372566
TOF-Mult
BBC-S-East ADC Sum

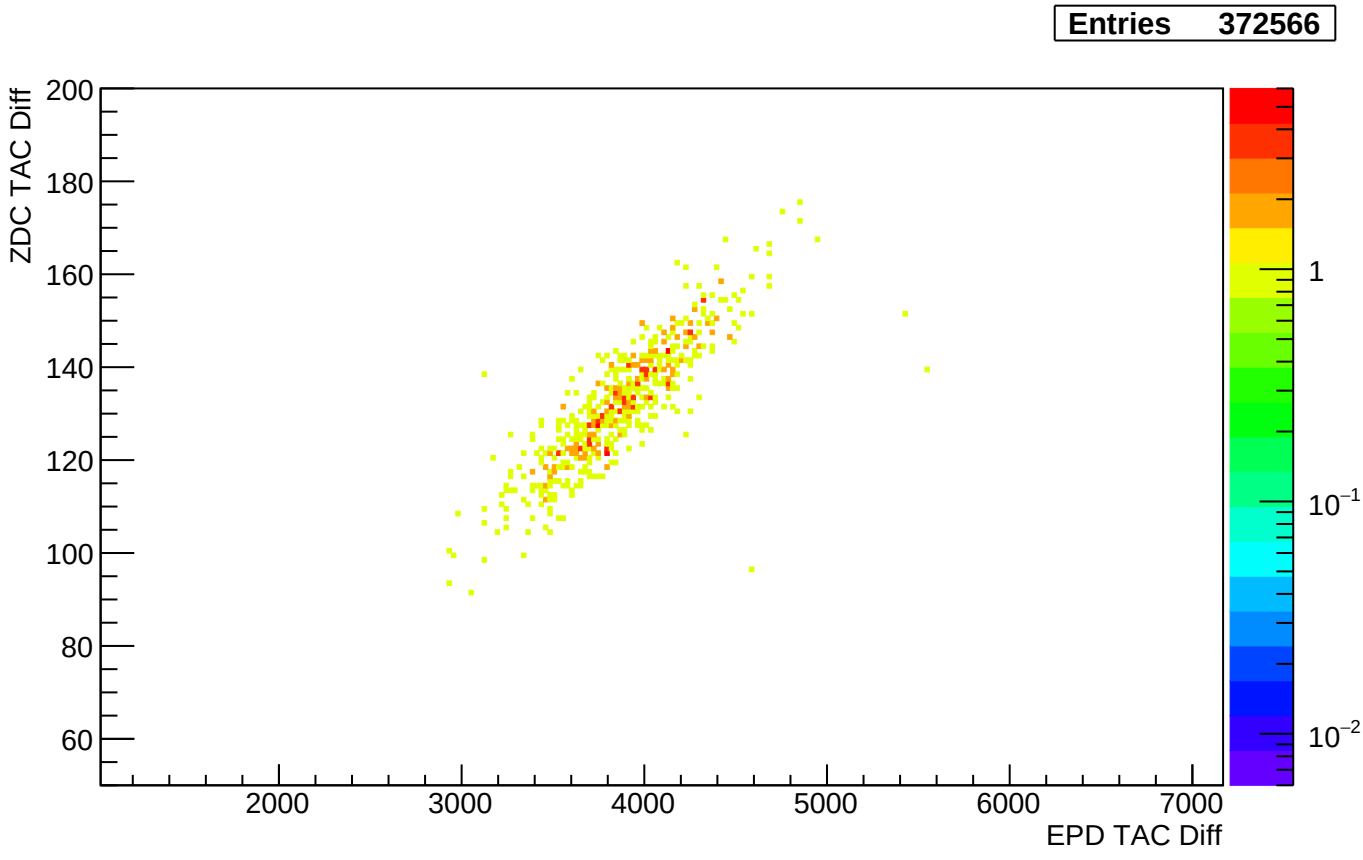

Entries 372566
TOF-Mult
BBC-S-West ADC Sum

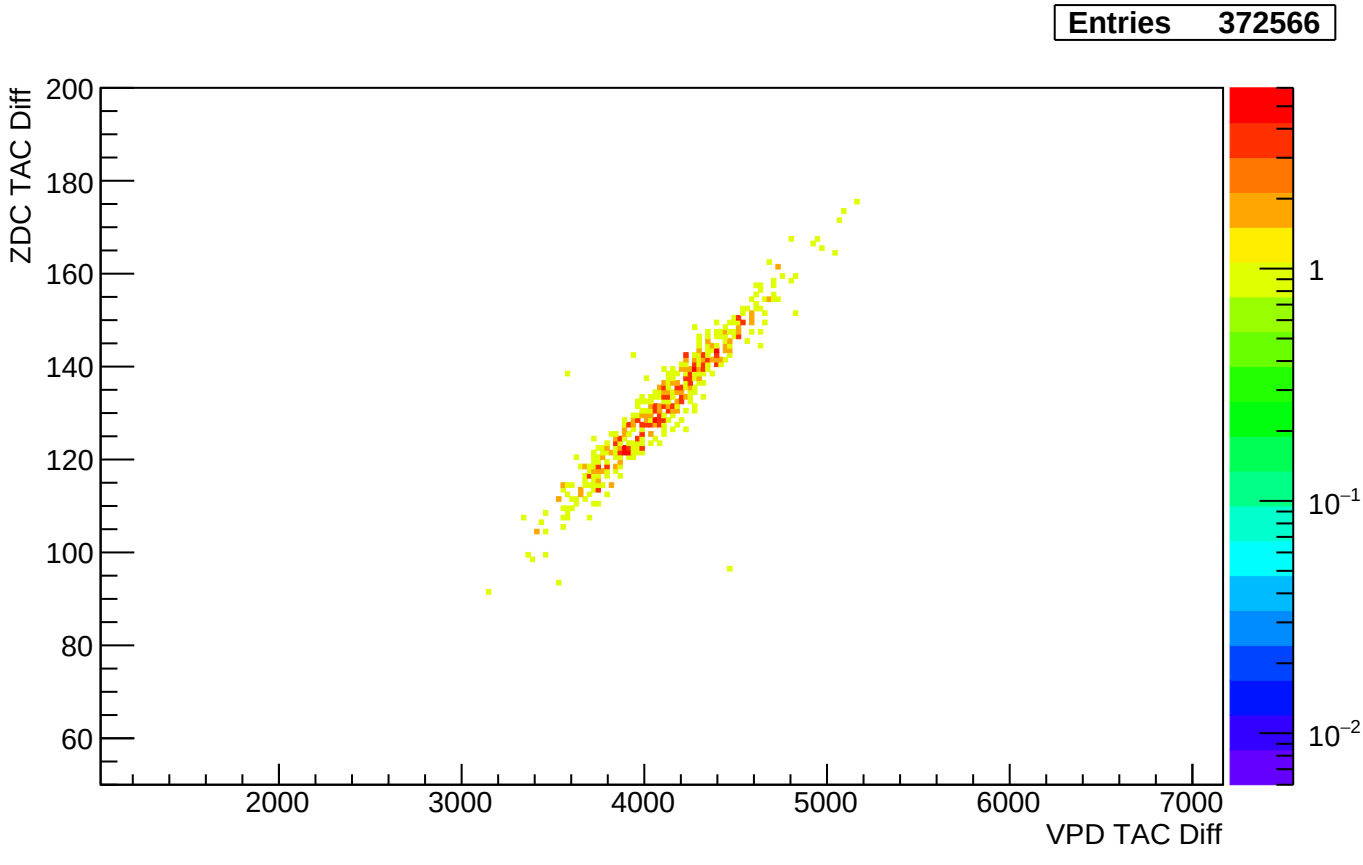

Entries 372566
TOF-Mult
EPD-East Hit Cnt

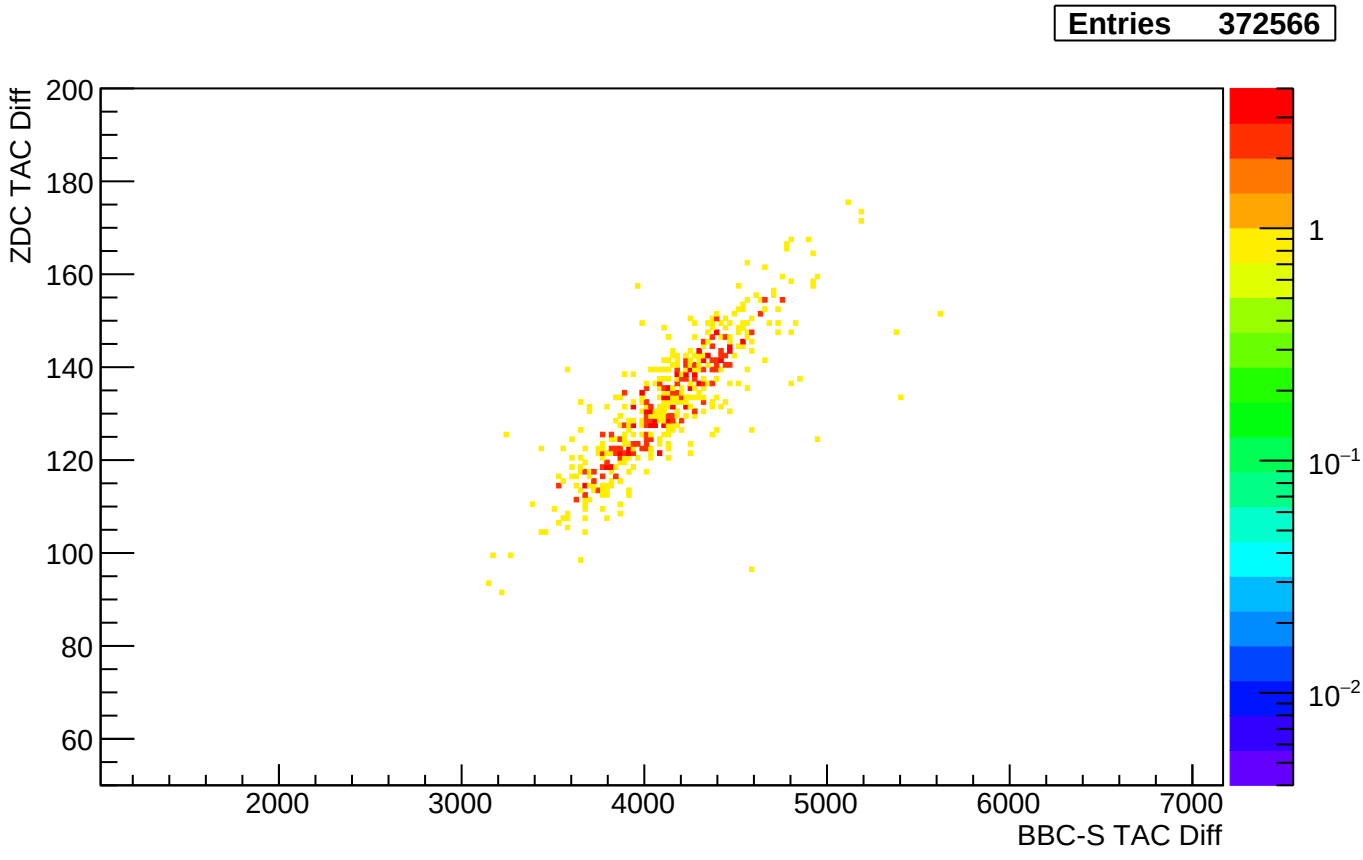

Entries 372566
TOF-Mult
EPD-West Hit Cnt

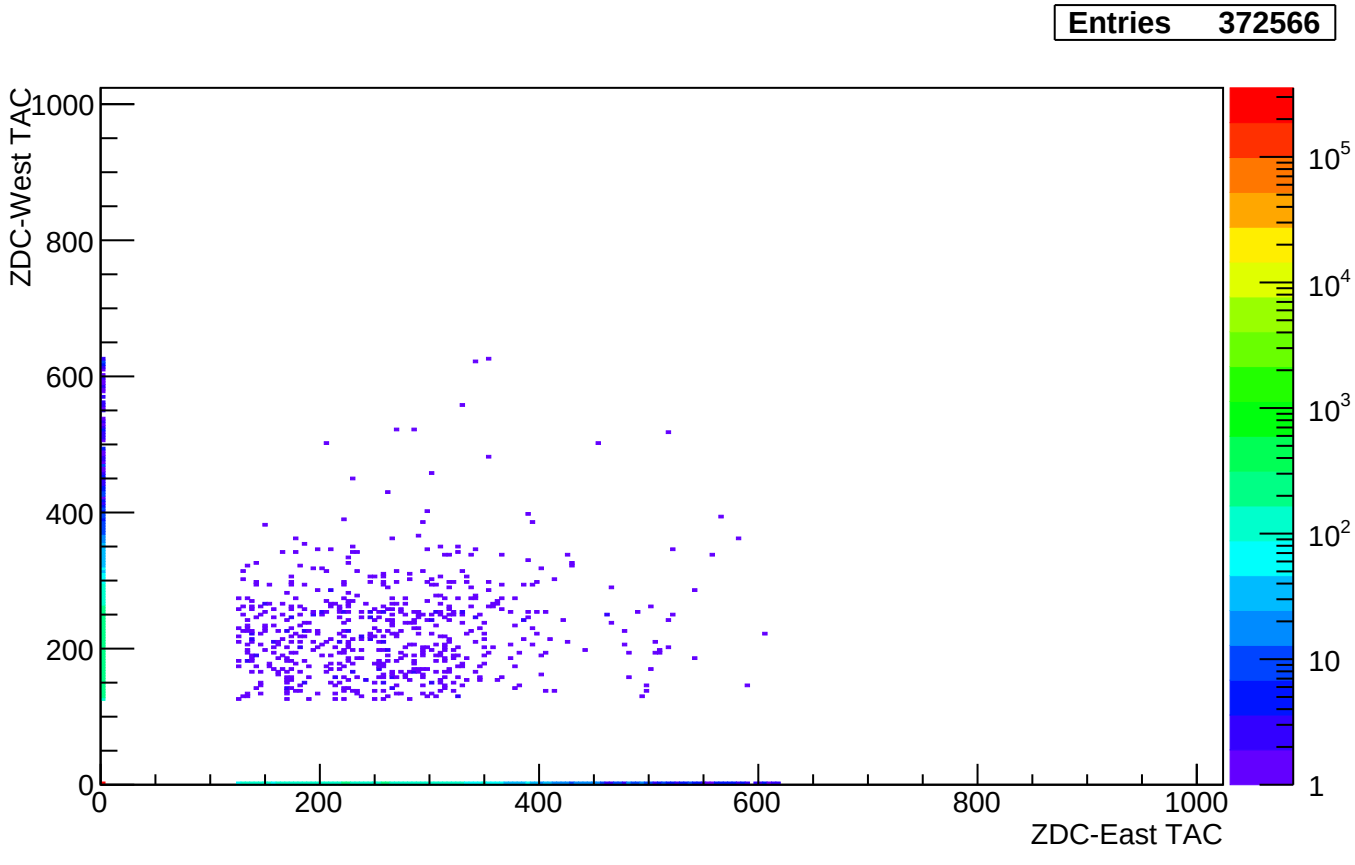

Entries 372566
TOF-Mult
VPD-East ADC Sum

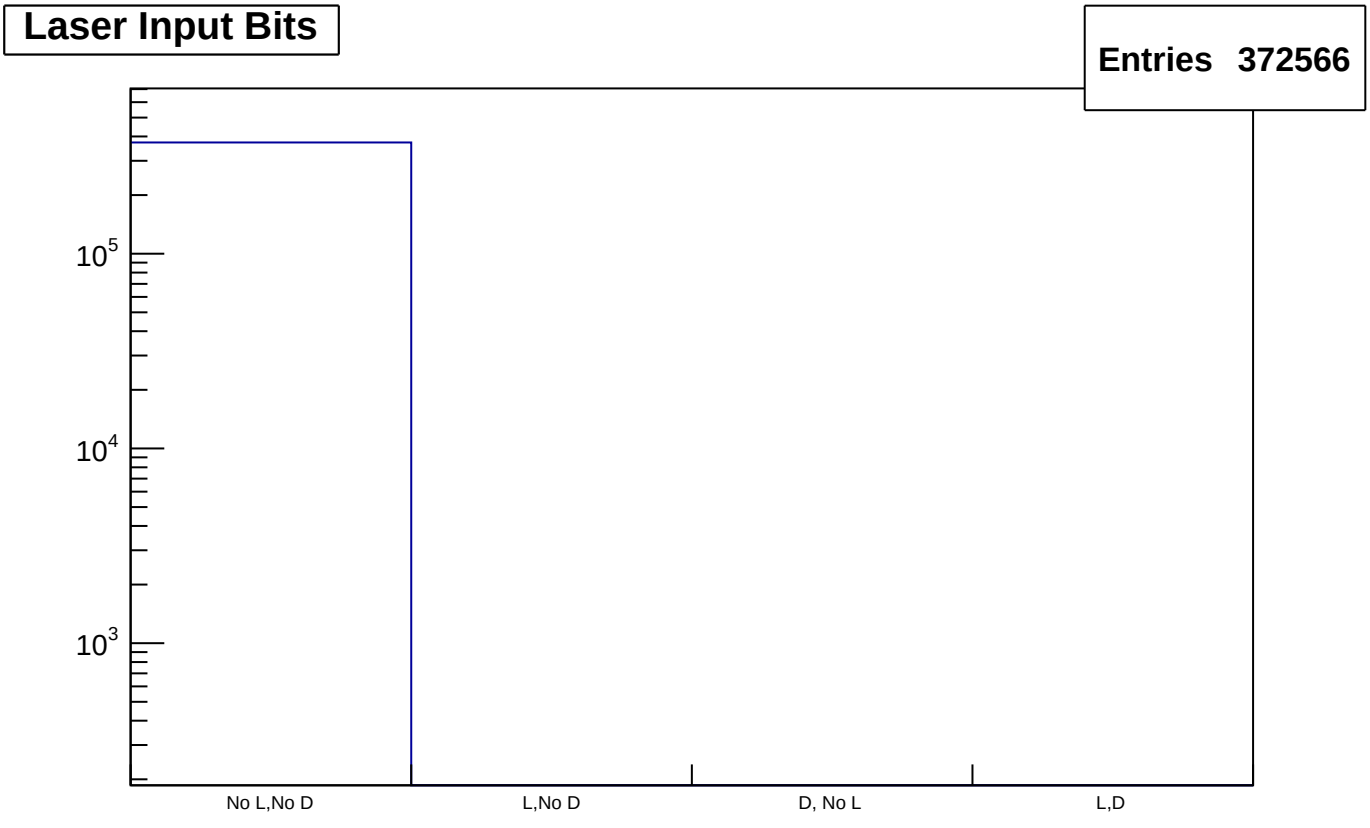

Entries 372566
TOF-Mult
VPD-West ADC Sum

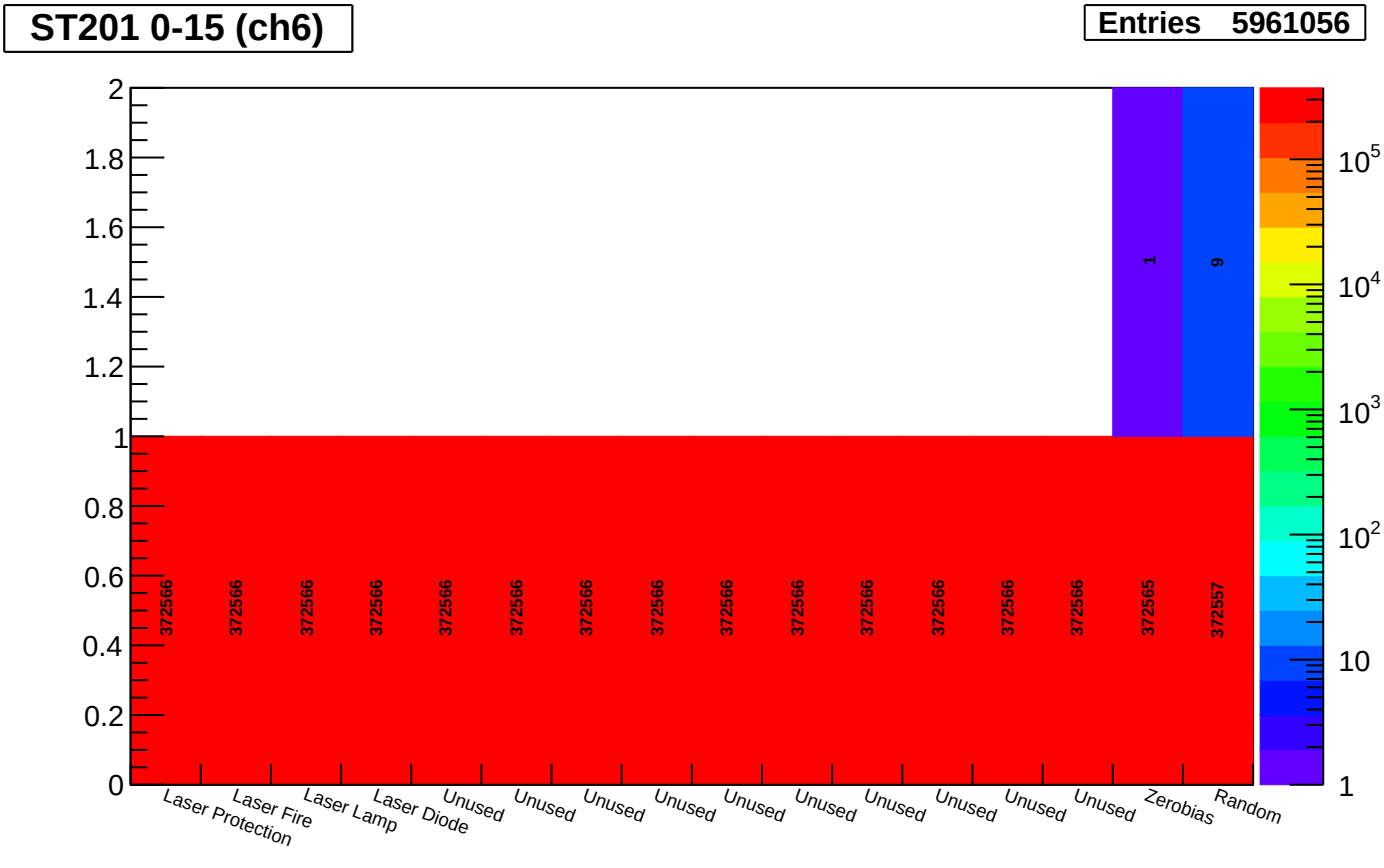

Entries 372566
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

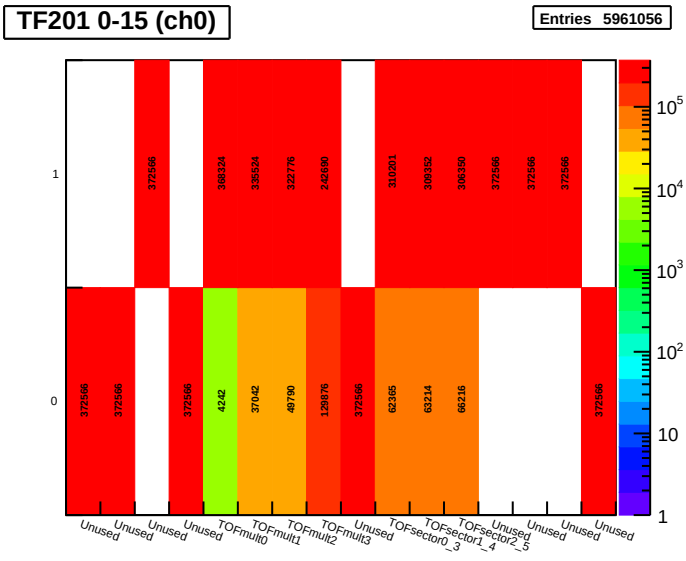

Entries 372566
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

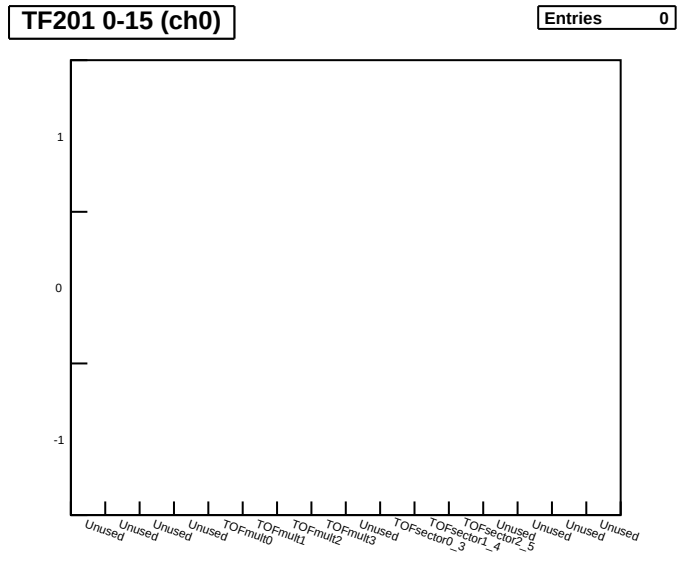

Entries 372566
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
$10^{-1}$
$10^{-2}$

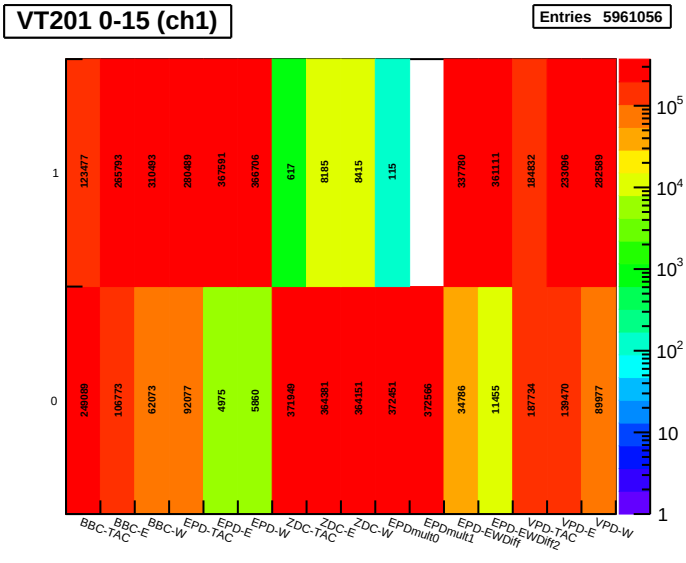

Entries 372566
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

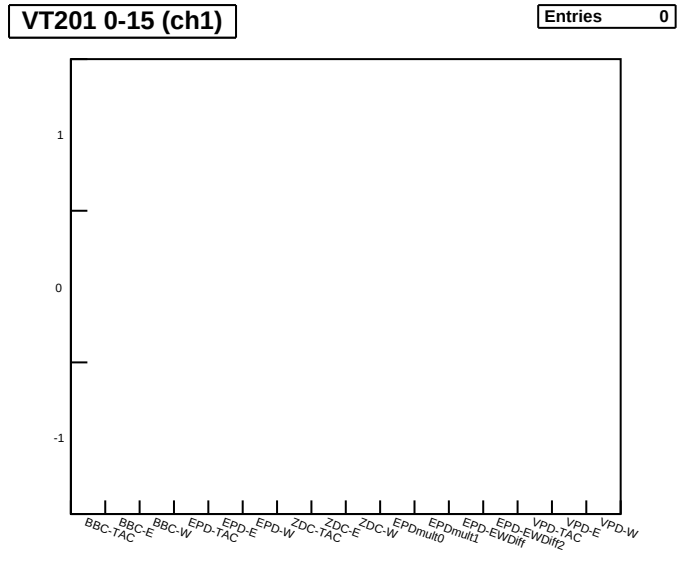

Laser Input Bits
Entries 372566
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

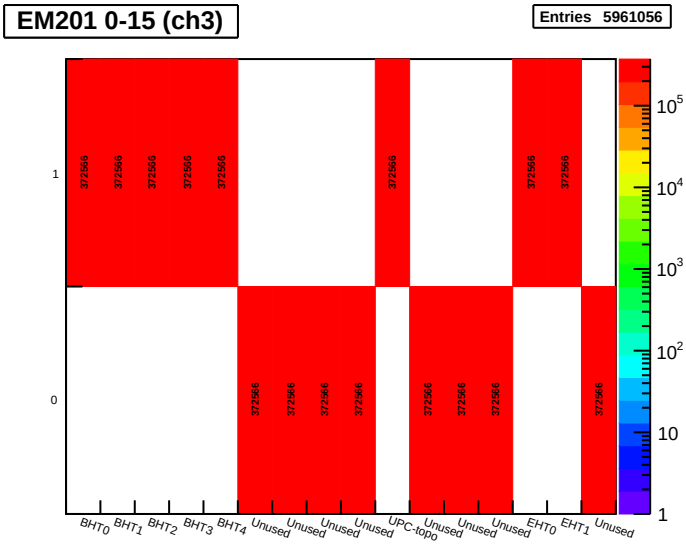

ST201 0-15 (ch6)
Entries 5961056
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
372566
372566
372566
372566
372566
372566
372566
372566
372566
372566
372566
372566
372566
372566
372565
372557
1
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

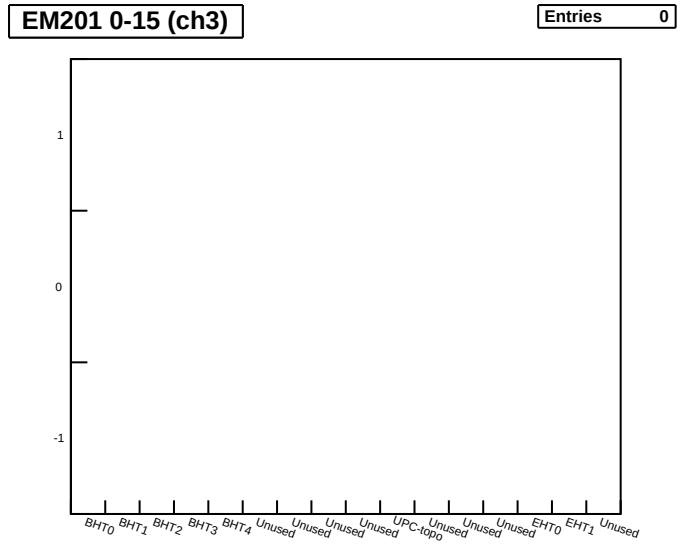

TF201 0-15 (ch0)
Entries 5961056
1
0
372566 372566 372566 368324 335524 322776 242690 310201 309352 306350 372566 372566 372566
372566 372566 372566 4242 37042 49790 129876 372566 62365 63214 66216 372566
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 5961056
1
0
123477 265793 310493 280489 367591 366706 617 8185 8415 115 337760 361111 184832 230066 282589
249089 106773 62073 92077 4975 5860 371949 364381 364151 372451 372566 34786 11455 187734 139470 89977
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 5961056
1
0
372566 372566 372566 372566 372566 372566 372566 372566 372566
372566 372566 372566 372566 372566 372566 372566 372566
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