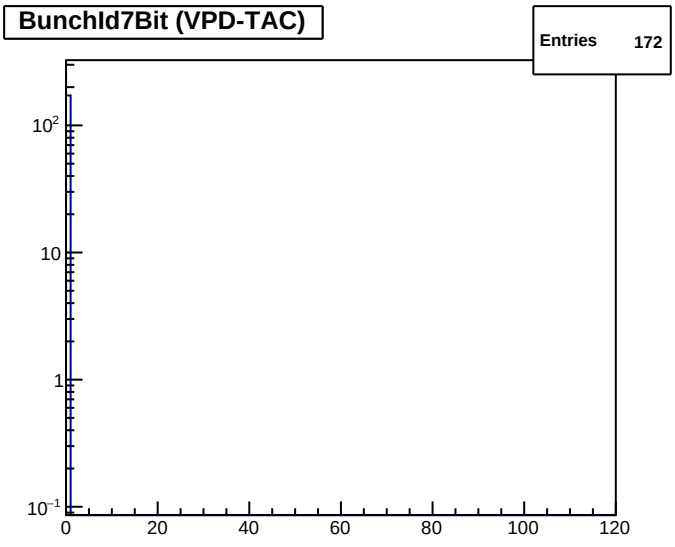
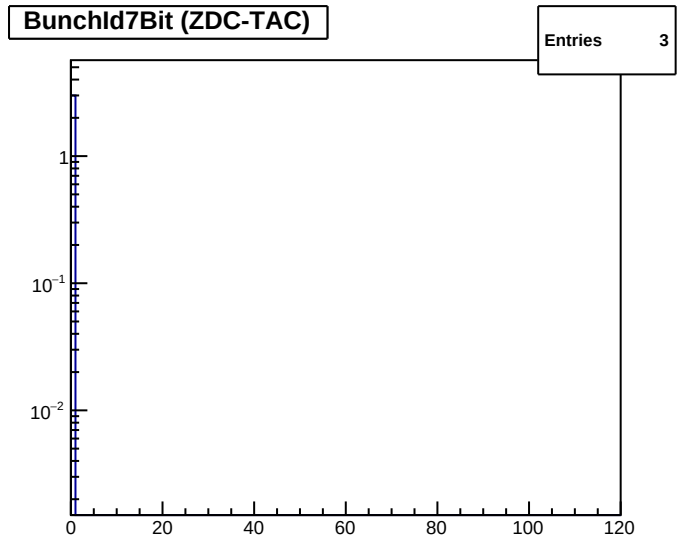
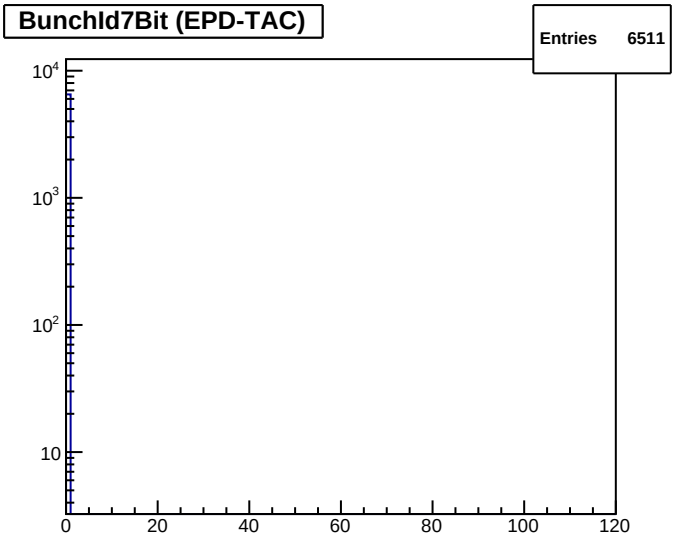
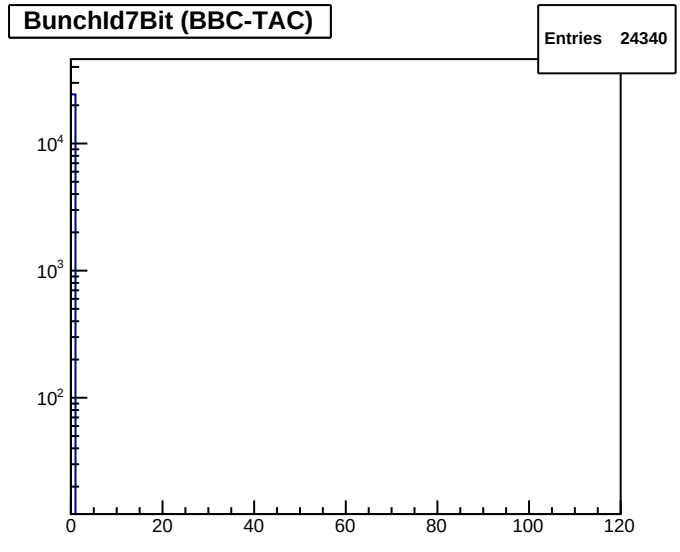
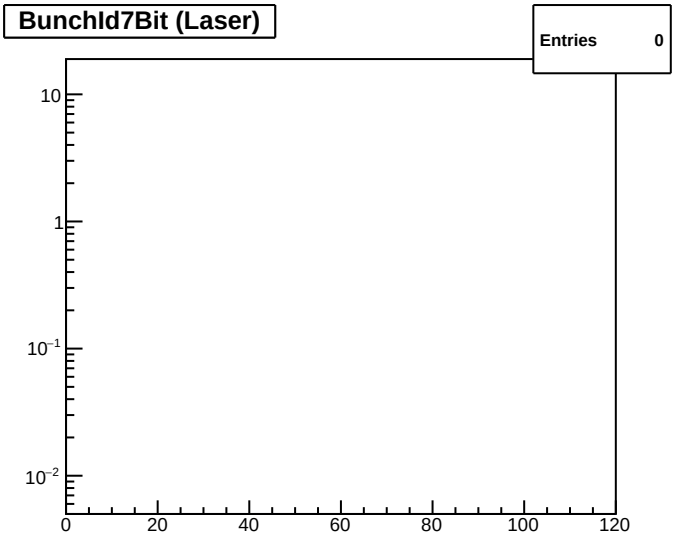
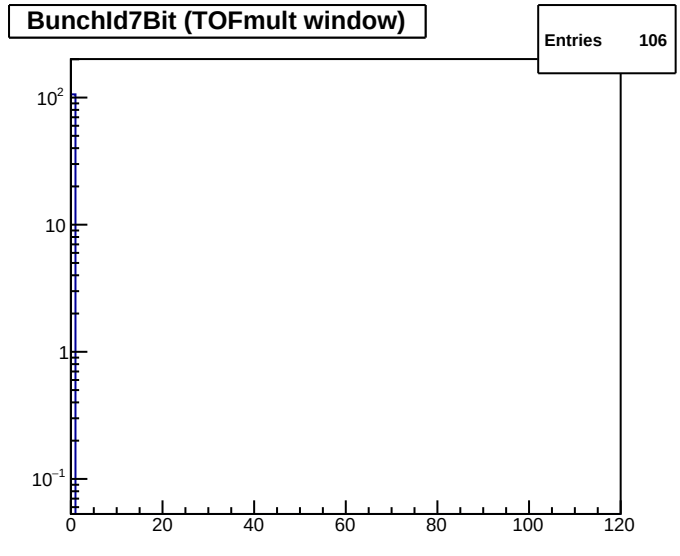

BunchId7Bit (VPD-TAC)
Entries 172

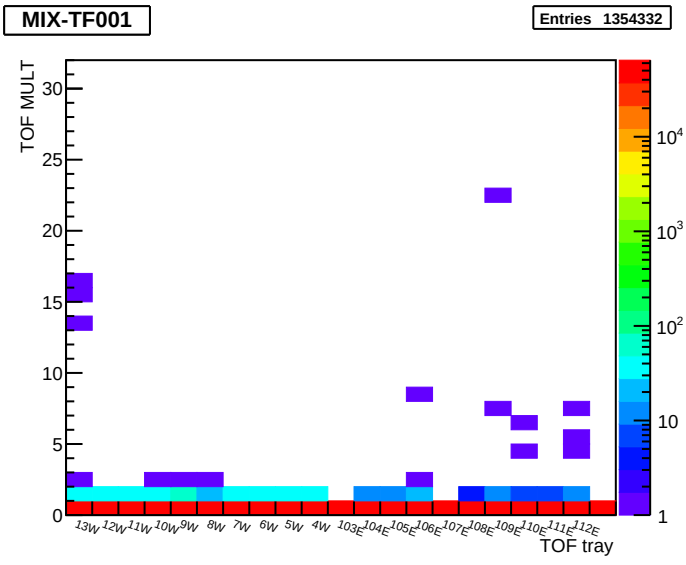

BunchId7Bit (ZDC-TAC)
Entries 3

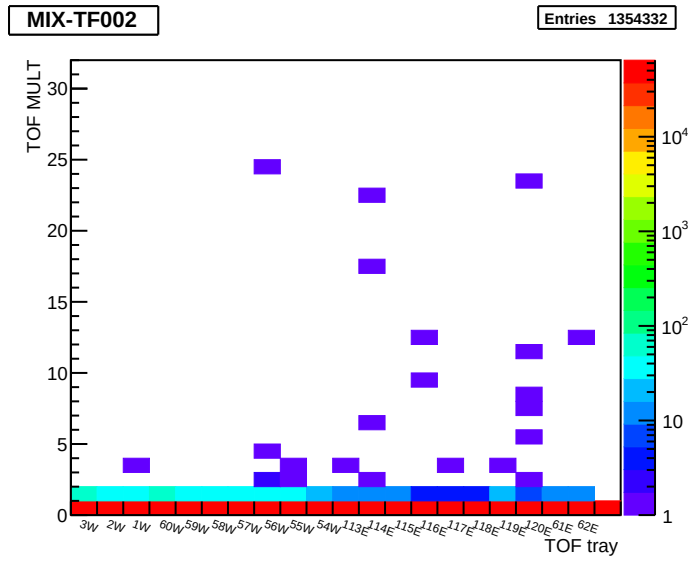

BunchId7Bit (EPD-TAC)
Entries 6511

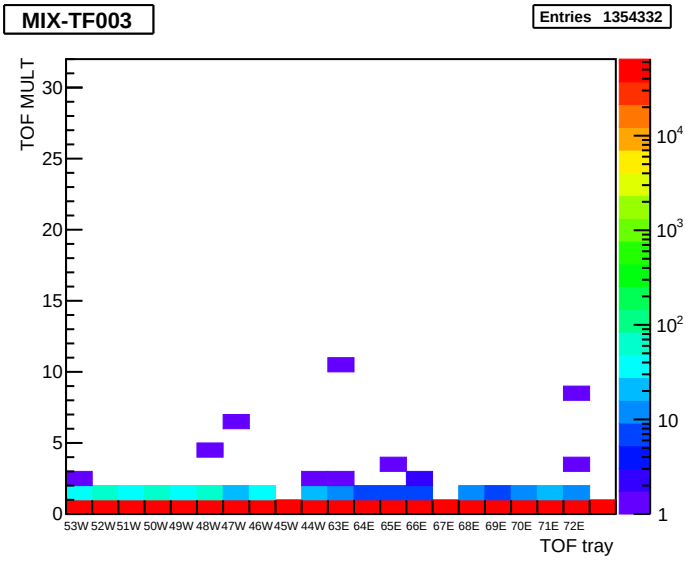

BunchId7Bit (BBC-TAC)
Entries 24340

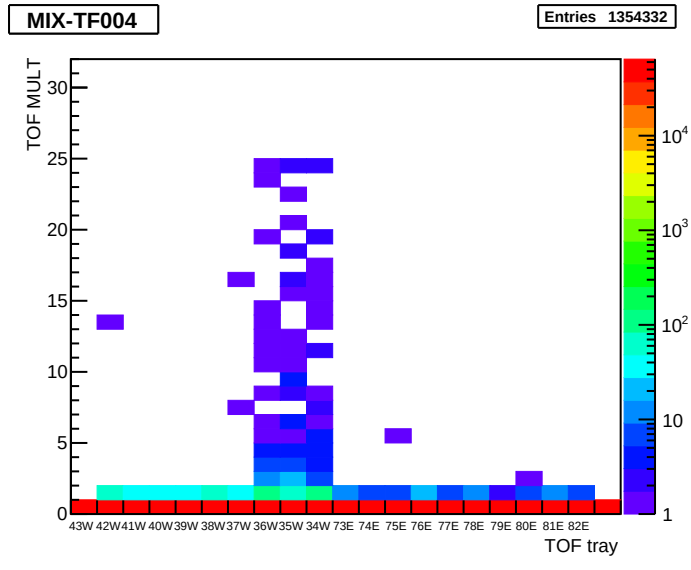

BunchId7Bit (Laser)
Entries 0

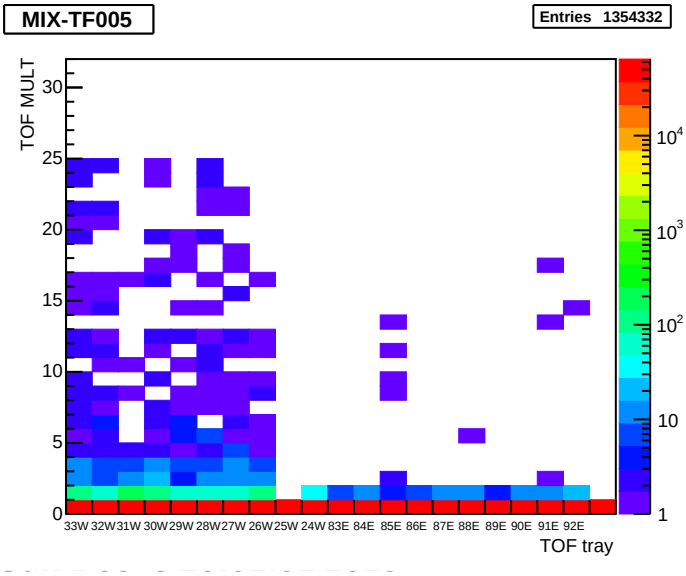

BunchId7Bit (TOFmult window)
Entries 106

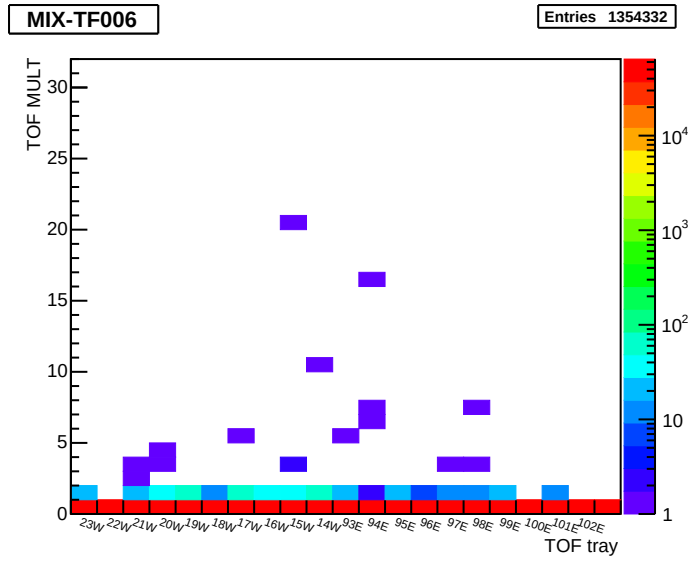

MIX-TF001
Entries 1354332
TOF MULT
TOF tray

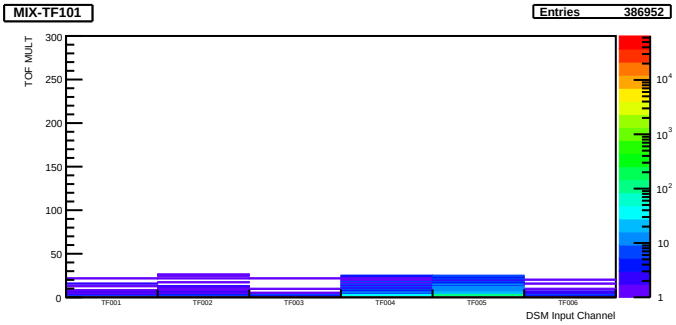

MIX-TF002
Entries 1354332
TOF MULT
TOF tray

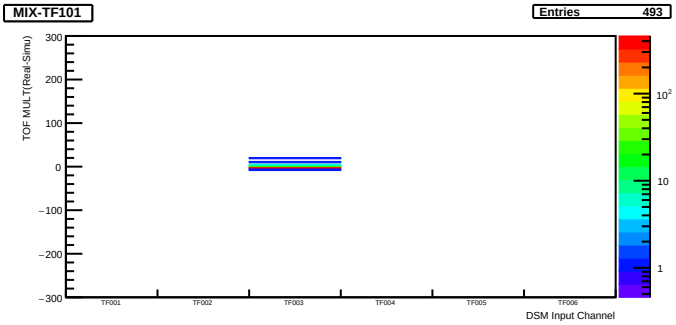

MIX-TF003
Entries 1354332
TOF MULT
TOF tray

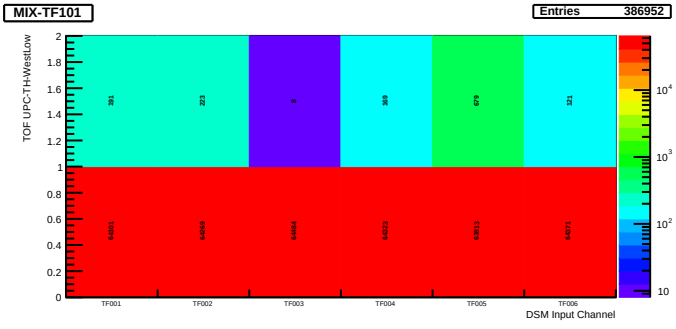

MIX-TF004
Entries 1354332
TOF MULT
TOF tray

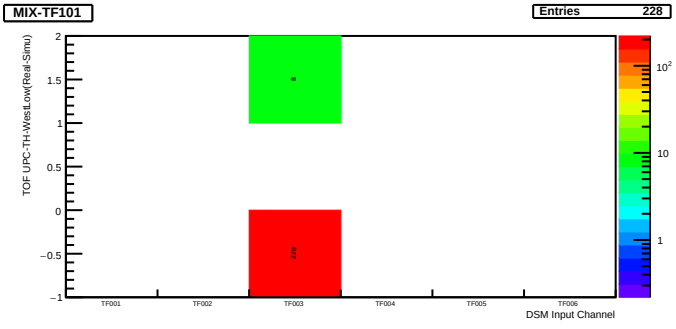

MIX-TF005
Entries 1354332
TOF MULT
TOF tray

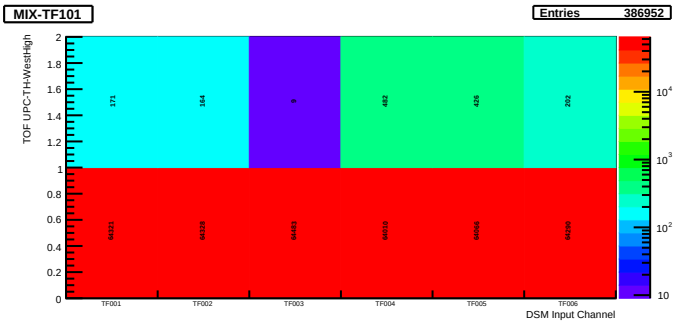

MIX-TF006
Entries 1354332
TOF MULT
TOF tray

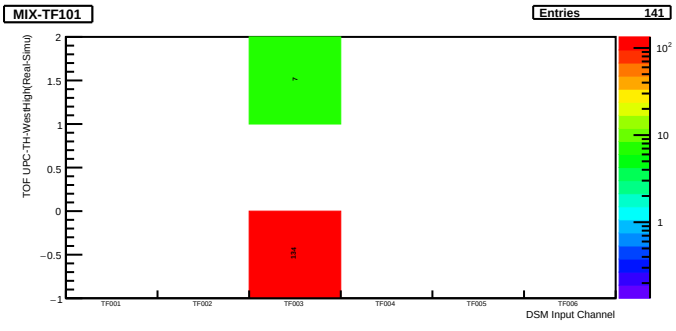

MIX-TF101
Entries 386952
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

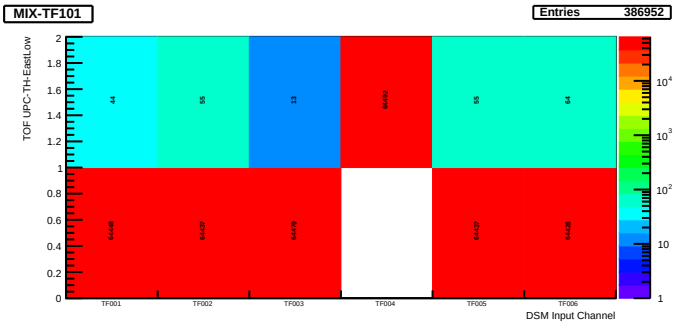

MIX-TF101
Entries 493
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

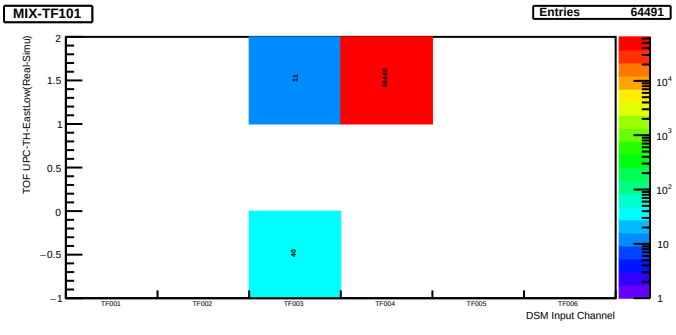

MIX-TF101
Entries 386952
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

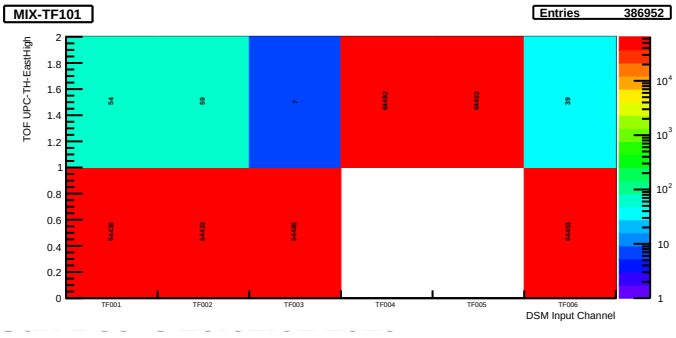

MIX-TF101
Entries 228
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

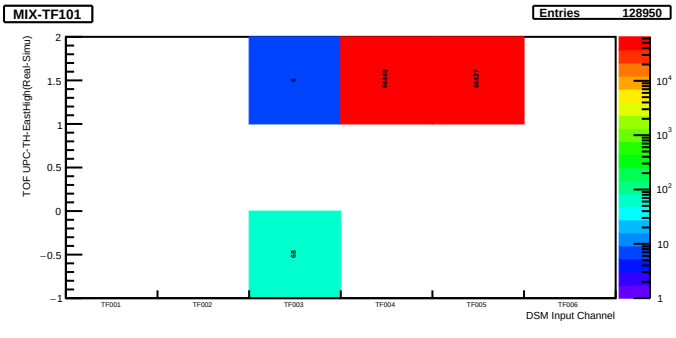

MIX-TF101
Entries 386952
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

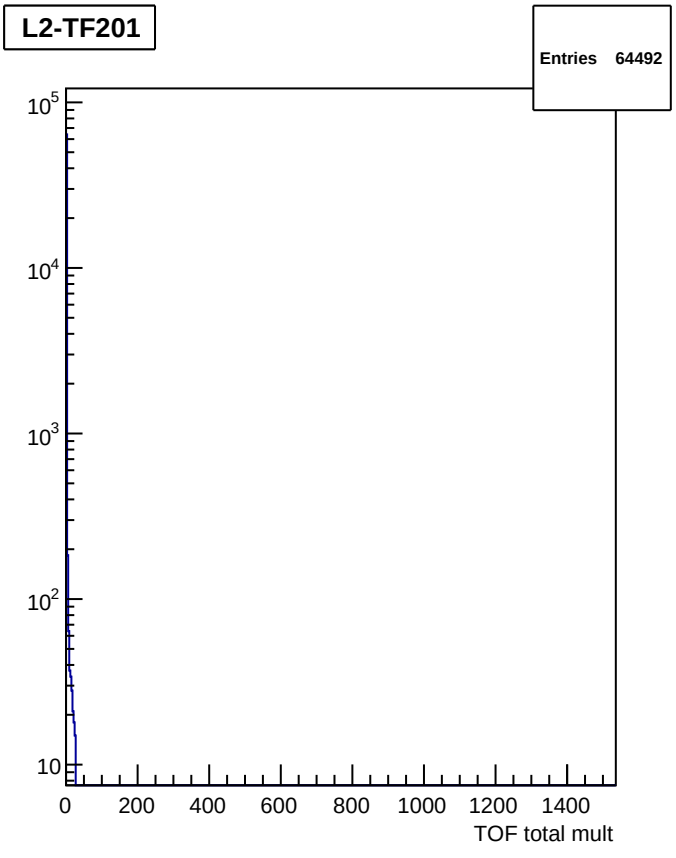

MIX-TF101
Entries 141
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

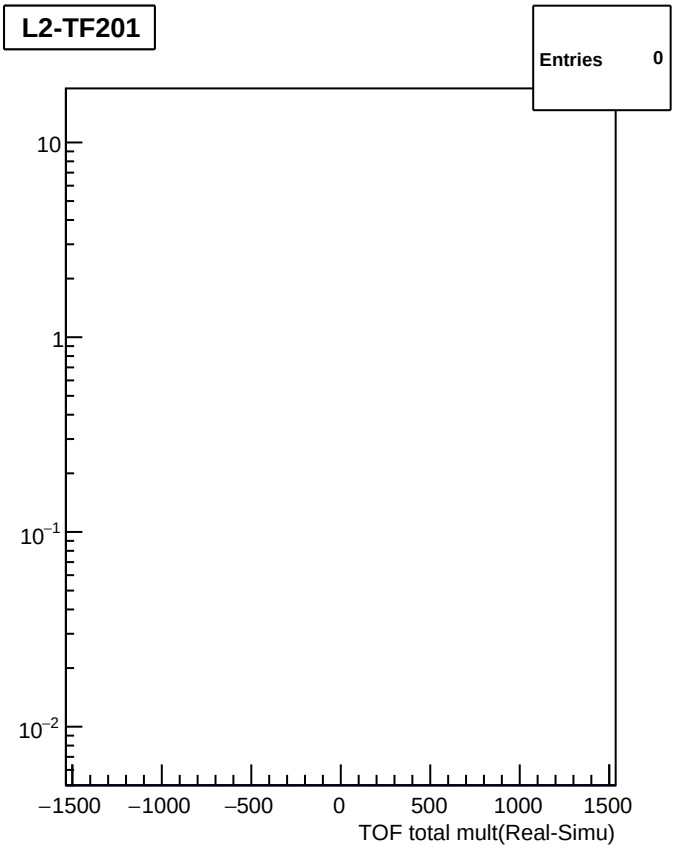

MIX-TF101
Entries 386952
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

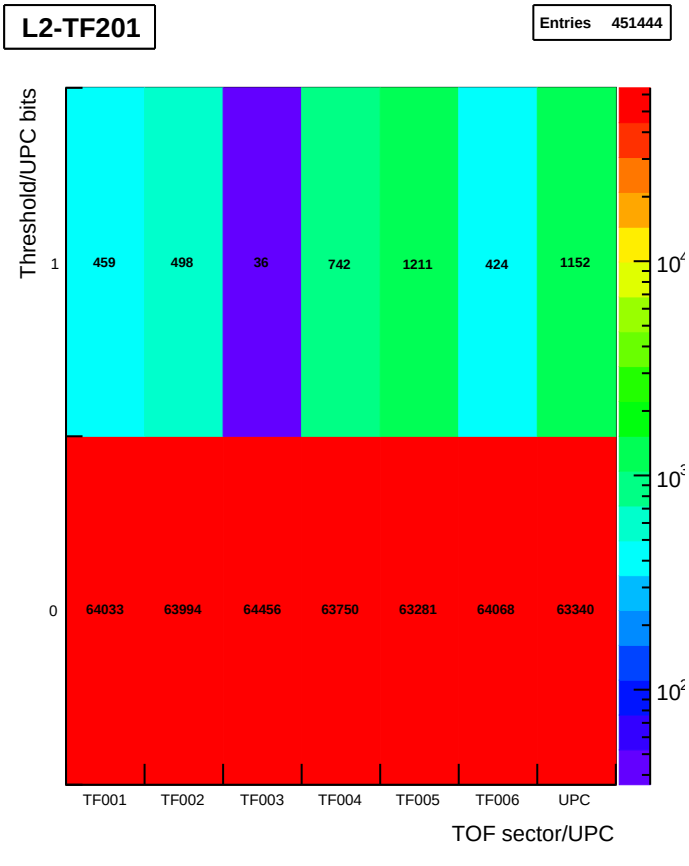

MIX-TF101
Entries 64491
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

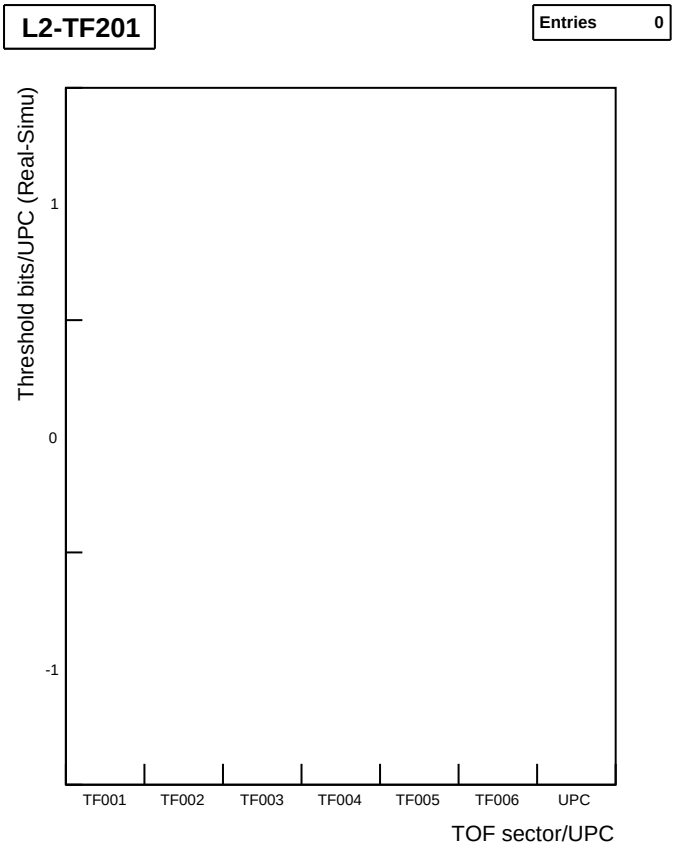

MIX-TF101
Entries 386952
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

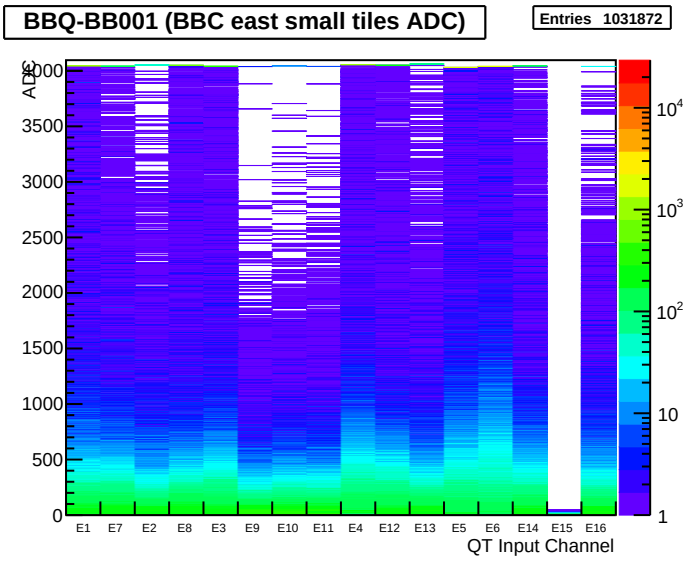

MIX-TF101
Entries 128950
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

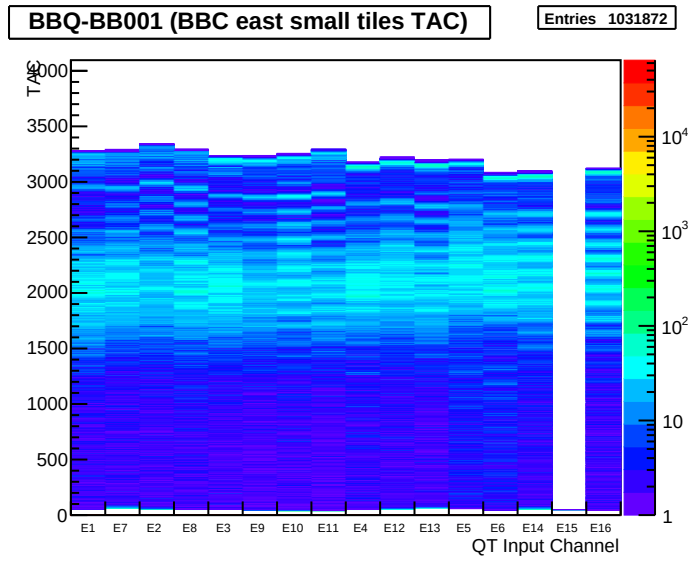

L2-TF201
Entries 64492
TOF total mult

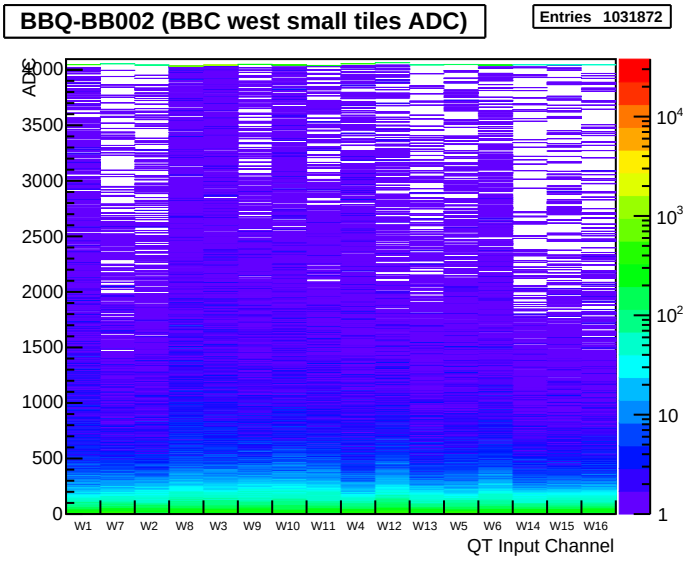

L2-TF201
Entries 0
TOF total mult(Real-Simu)

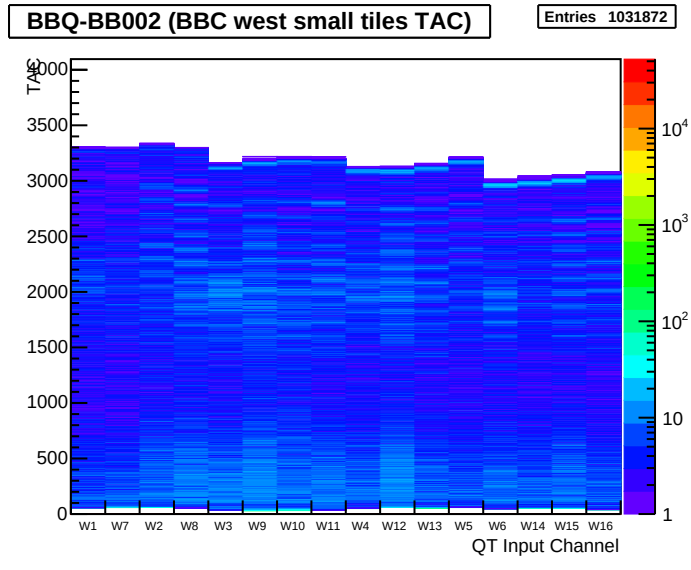

L2-TF201
Entries 451444
Threshold/UPC bits
459
498
36
742
1211
424
1152
64033
63994
64456
63750
63281
64068
63340
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

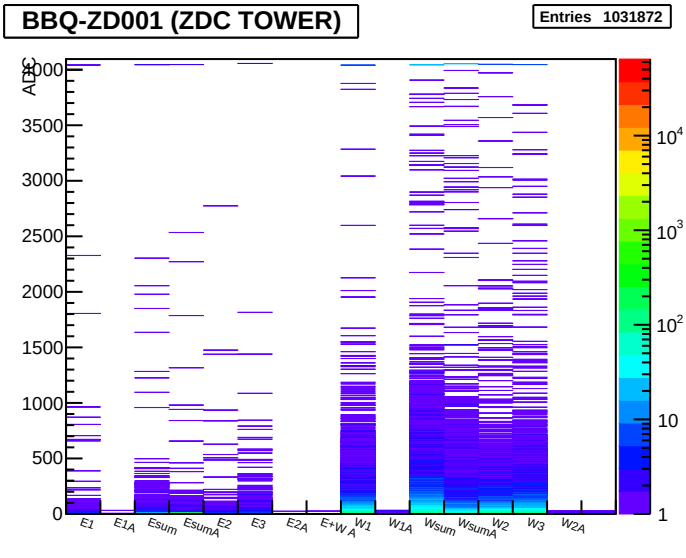

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

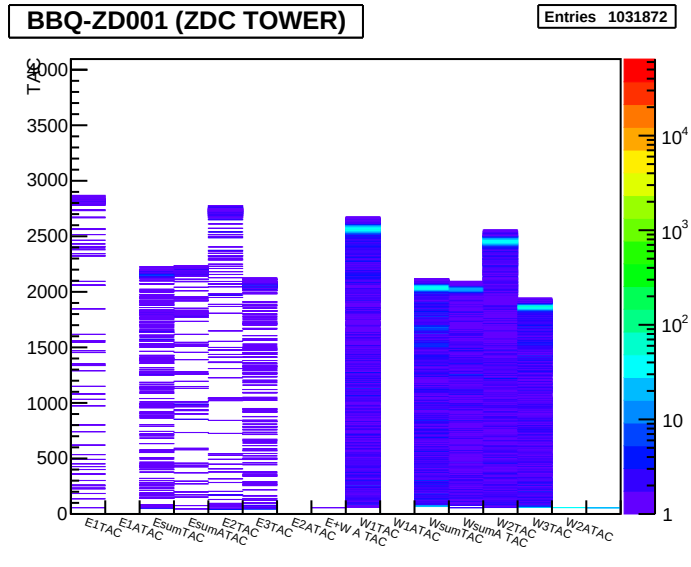

BBQ-BB001 (BBC east small tiles ADC)
Entries 1031872
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

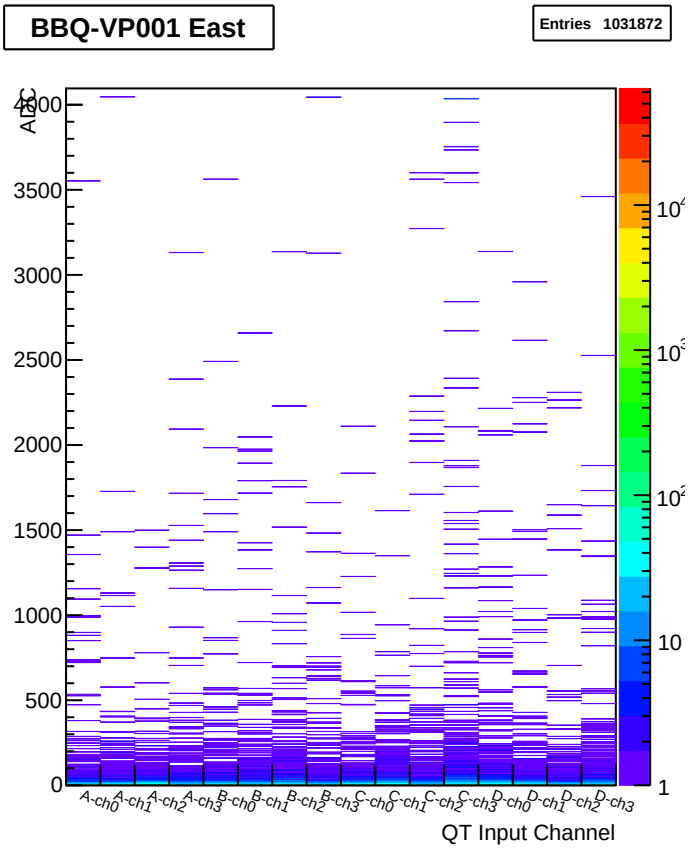

BBQ-BB001 (BBC east small tiles TAC)
Entries 1031872
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

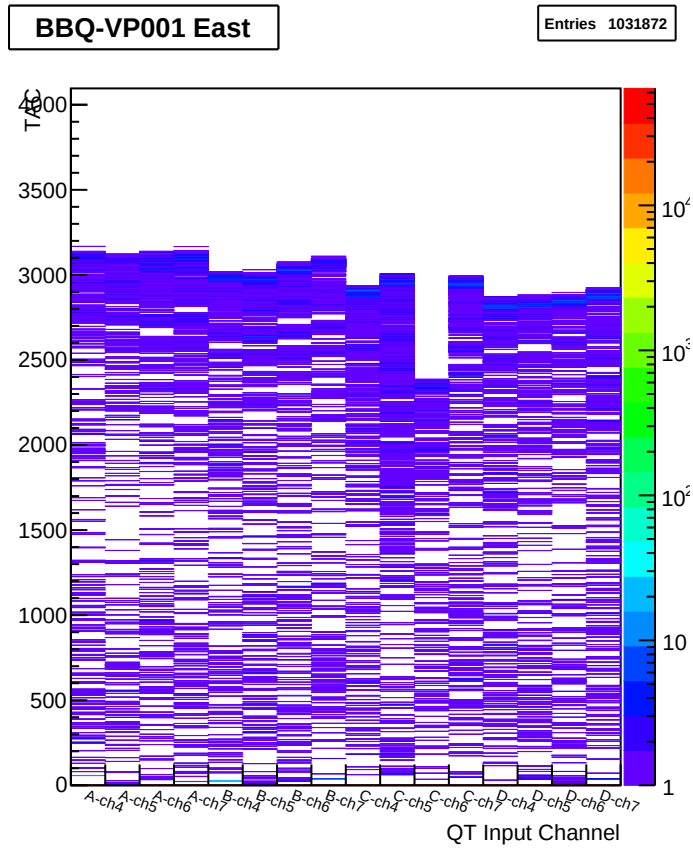

BBQ-BB002 (BBC west small tiles ADC)
Entries 1031872
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

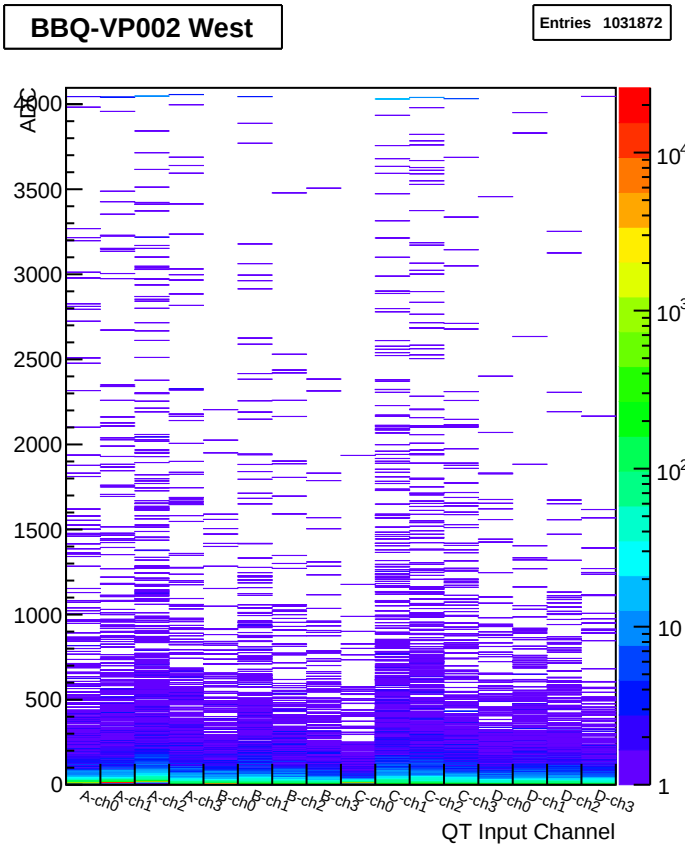

BBQ-BB002 (BBC west small tiles TAC)
Entries 1031872
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

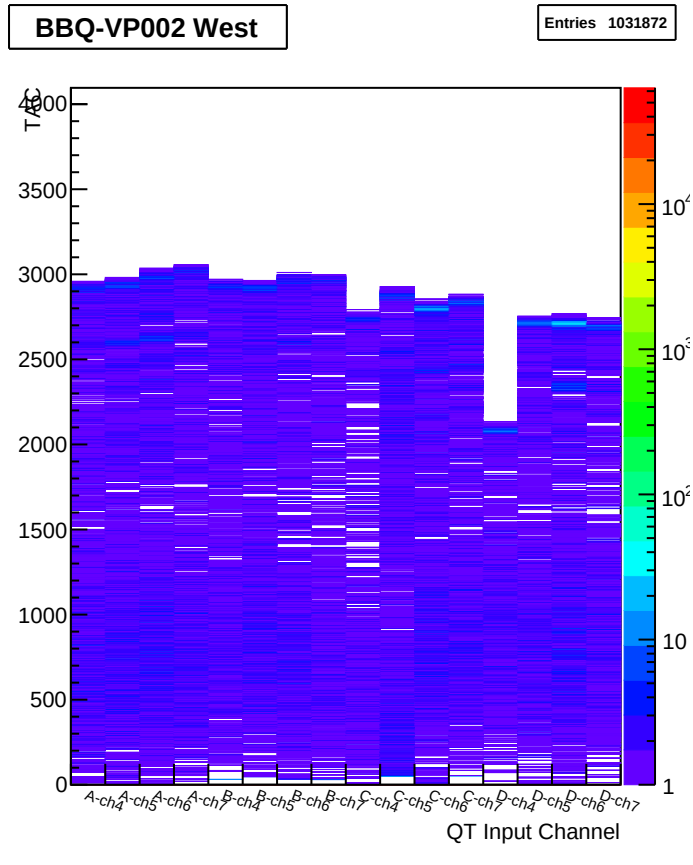

BBQ-ZD001 (ZDC TOWER)
Entries 1031872
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

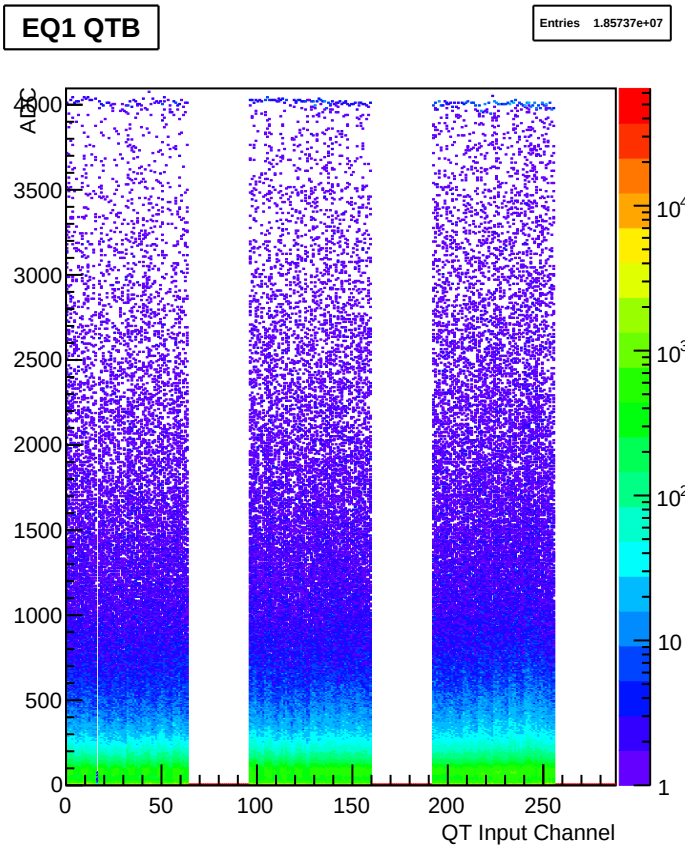

BBQ-ZD001 (ZDC TOWER)
Entries 1031872
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

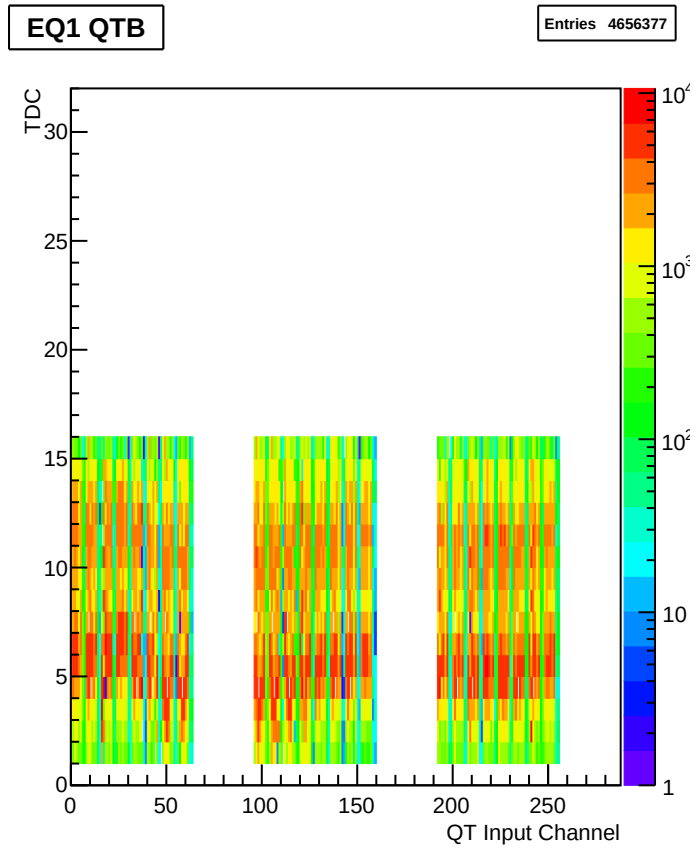

BBQ-VP001 East
Entries 1031872
ADC
QT Input Channel

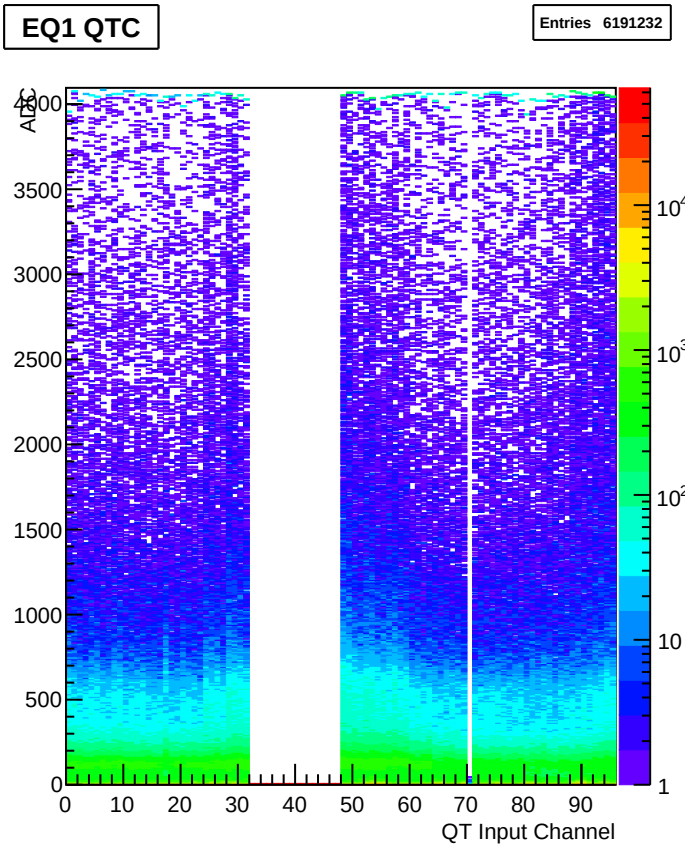

BBQ-VP001 East
Entries 1031872
TADC
QT Input Channel

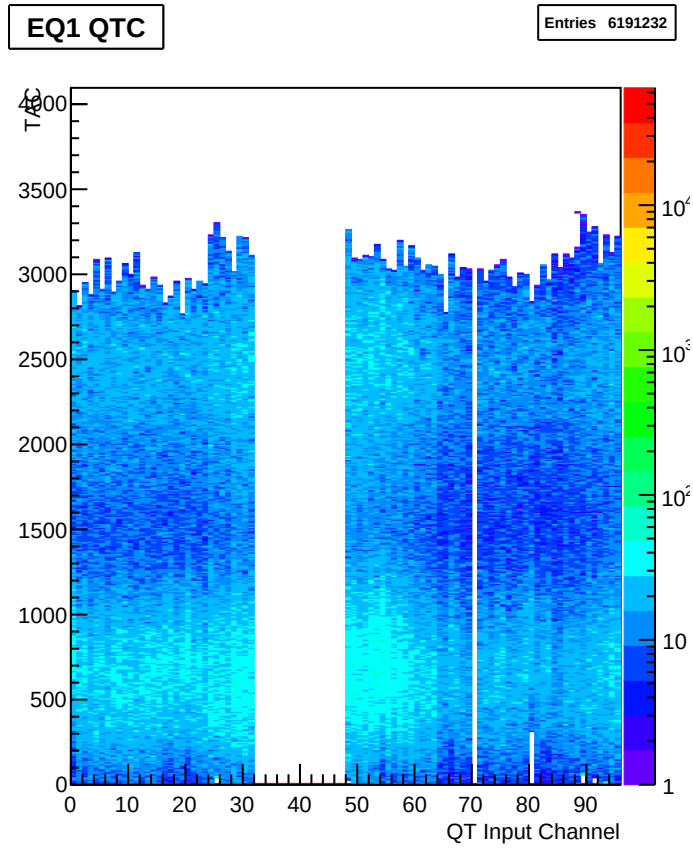

BBQ-VP002 West
Entries 1031872
ADC
QT Input Channel

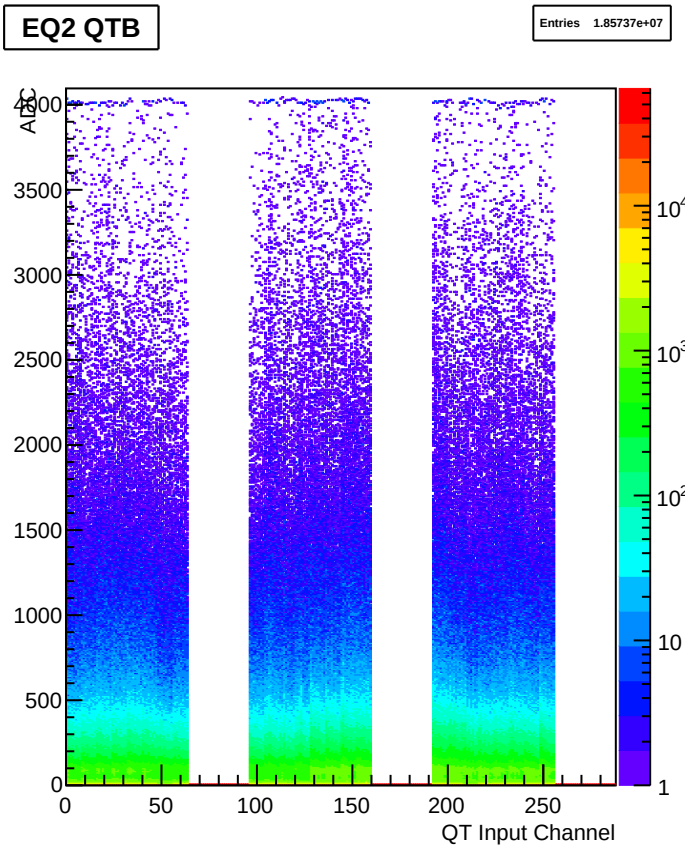

BBQ-VP002 West
Entries 1031872
TADC
QT Input Channel

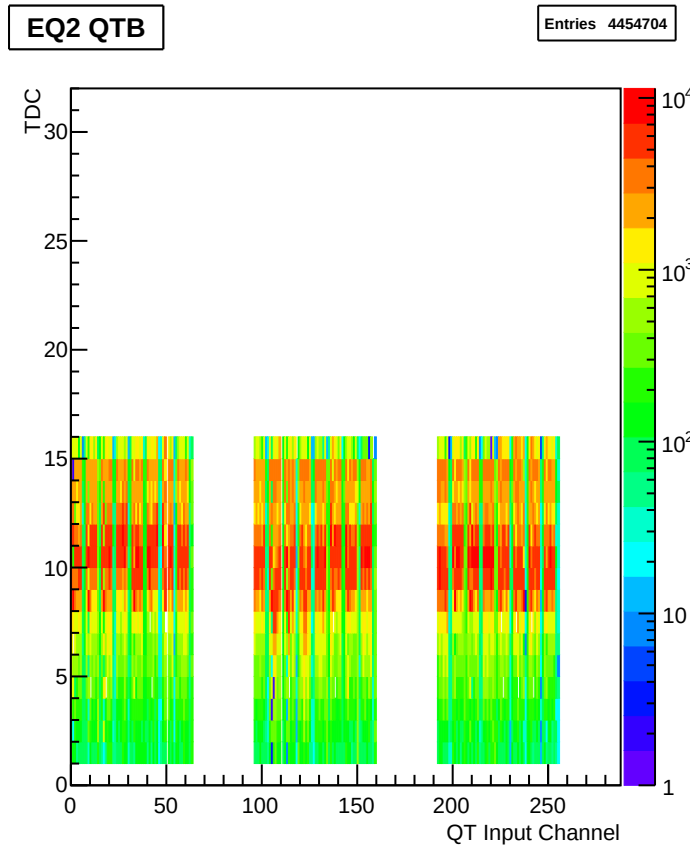

EQ1 QTB
Entries 1.85737e+07
ADC
QT Input Channel

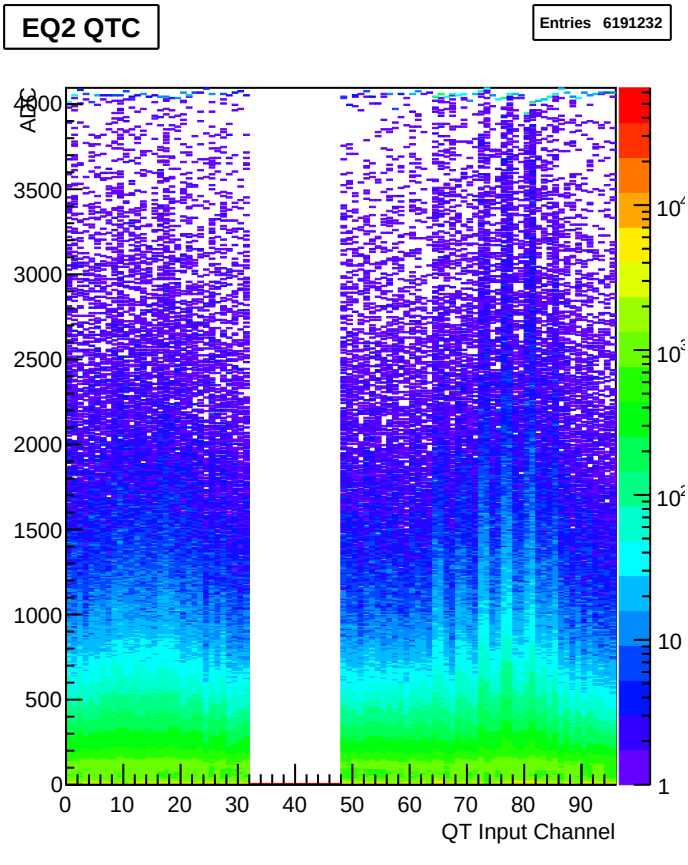

EQ1 QTB
Entries 4656377
TDC
QT Input Channel

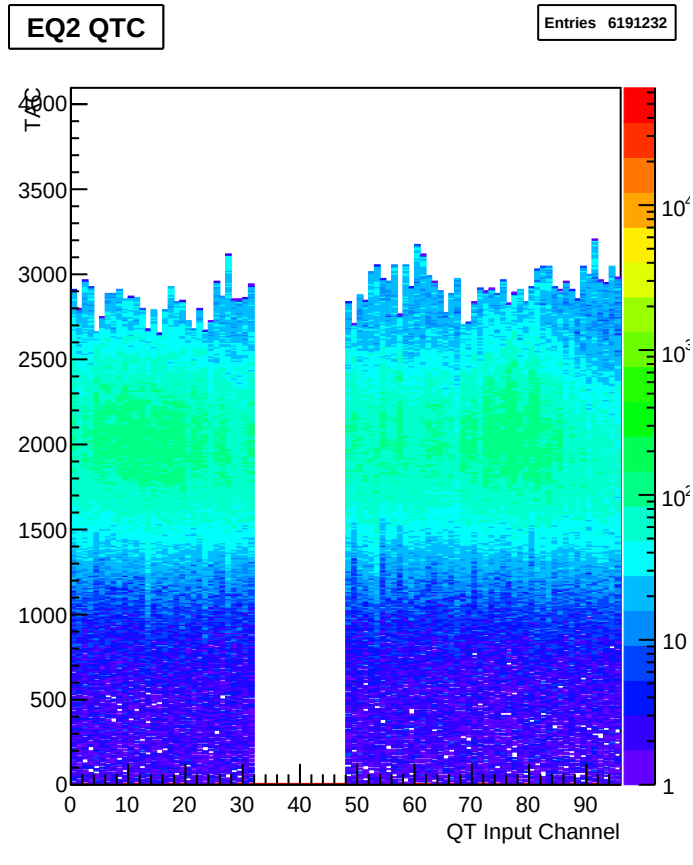

EQ1 QTC
Entries 6191232
ADC
QT Input Channel

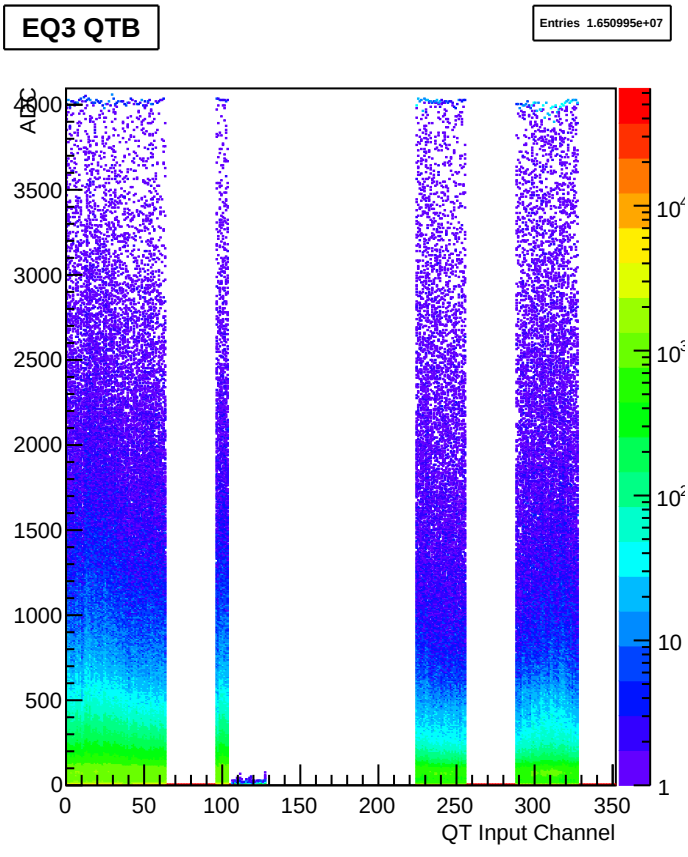

EQ1 QTC
Entries 6191232
TADC
QT Input Channel

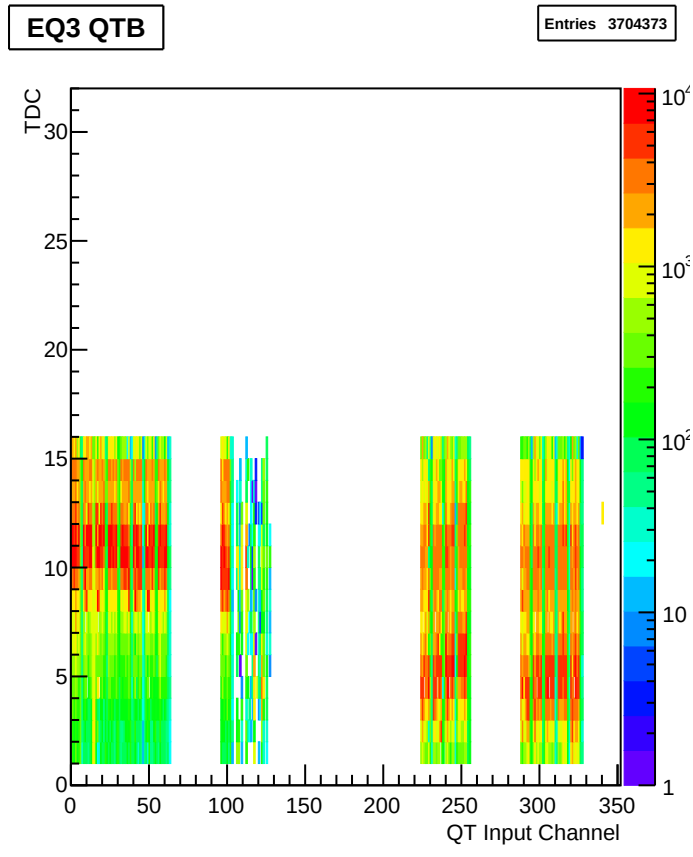

EQ2 QTB
Entries 1.85737e+07
ADC
QT Input Channel

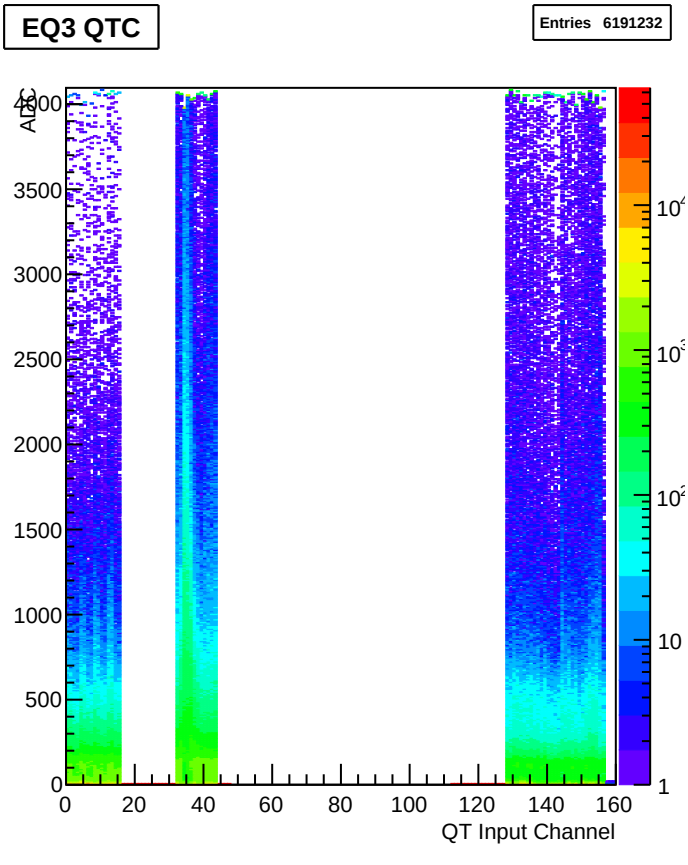

EQ2 QTB
Entries 4454704
TDC
QT Input Channel

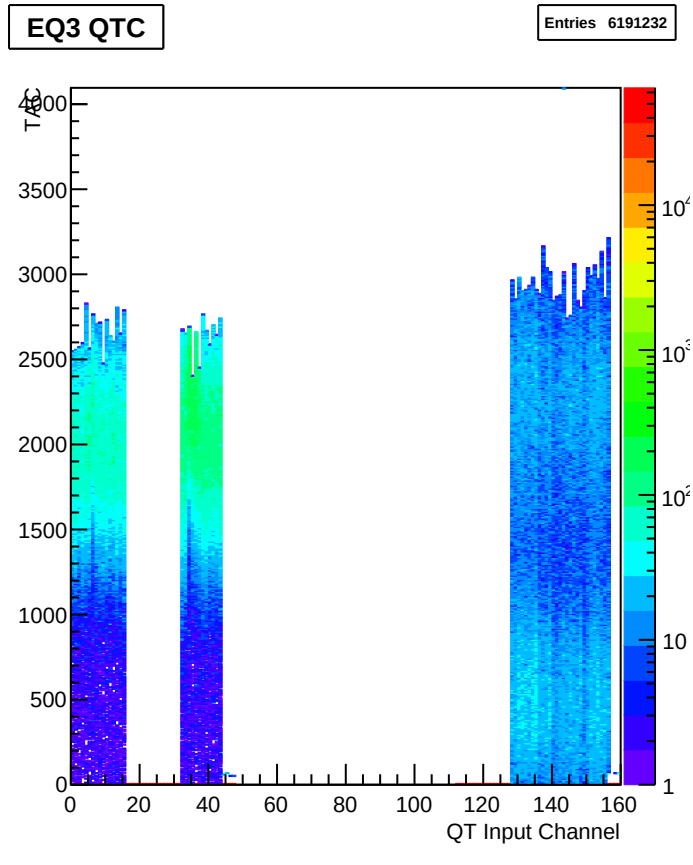

EQ2 QTC
Entries 6191232
ADC
QT Input Channel

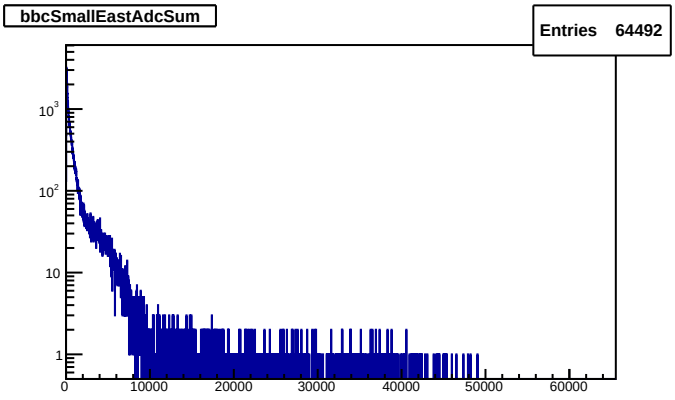

EQ2 QTC
Entries 6191232
TADC
QT Input Channel

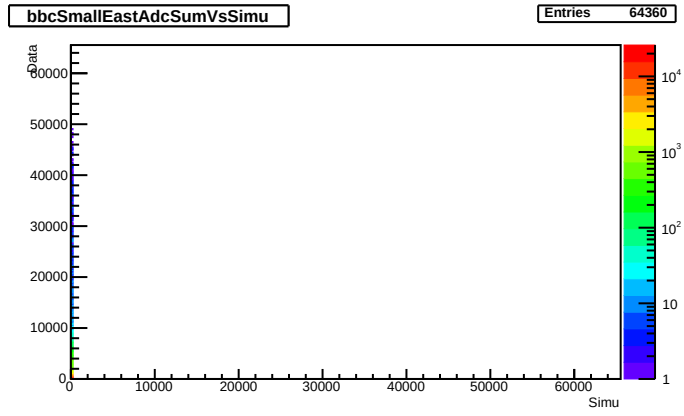

EQ3 QTB
Entries 1.650995e+07
ADC
QT Input Channel

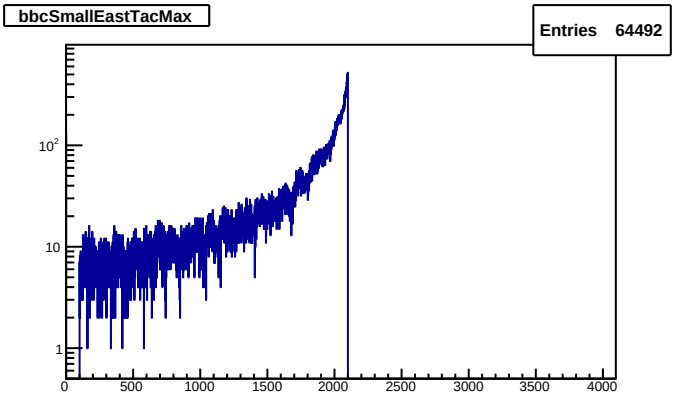

EQ3 QTB
Entries 3704373
TDC
QT Input Channel

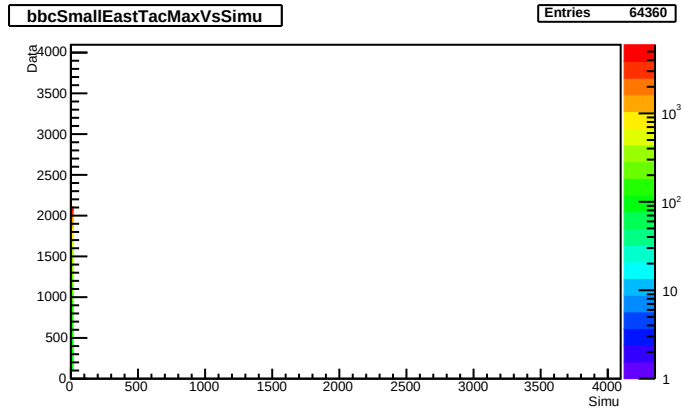

EQ3 QTC
Entries 6191232
ADC
QT Input Channel


EQ3 QTC
Entries 6191232
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 64492


bbcSmallEastAdcSumVsSimu
Entries 64360
Data
Simu


bbcSmallEastTacMax
Entries 64492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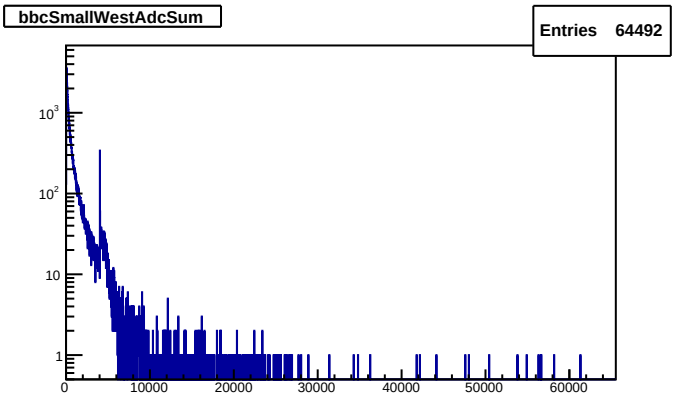
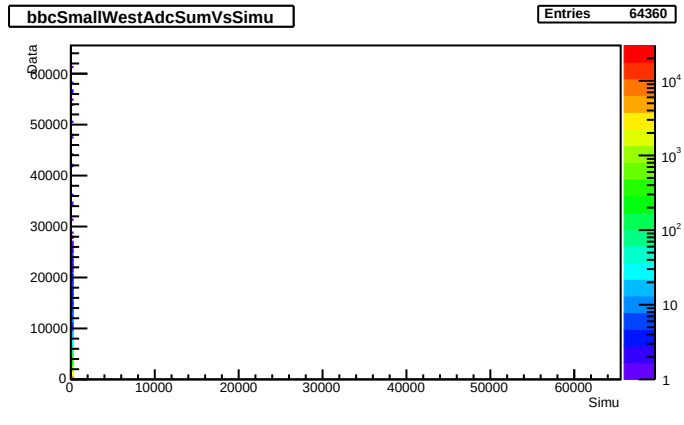
Entries 64360
Data
Simu


bbcSmallWestAdcSum
Entries 64492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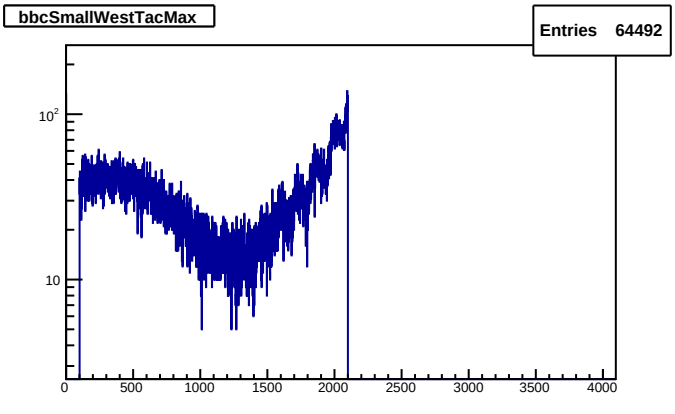
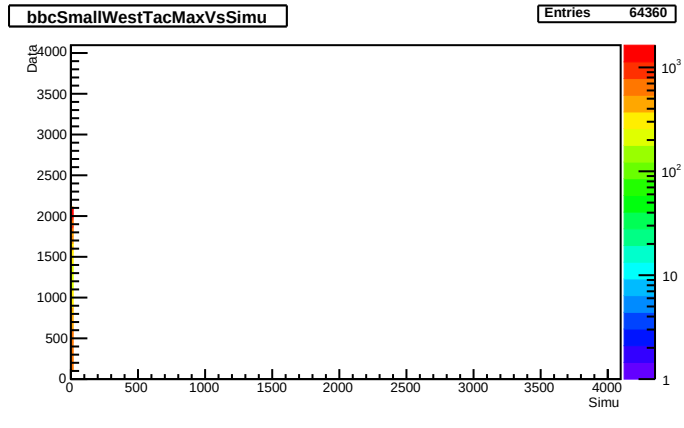
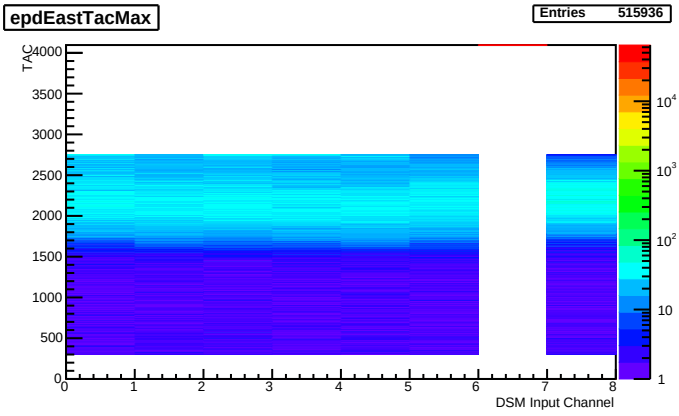
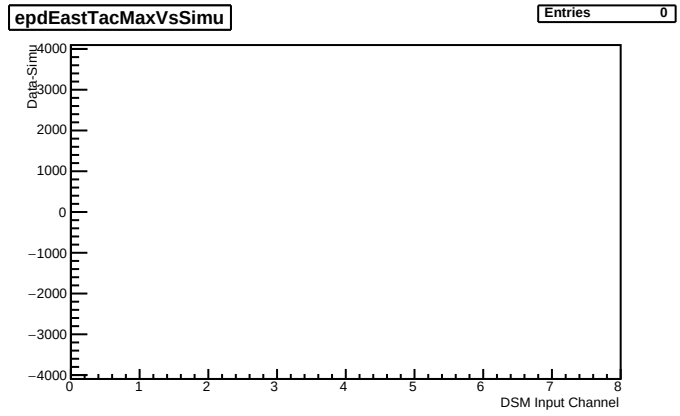
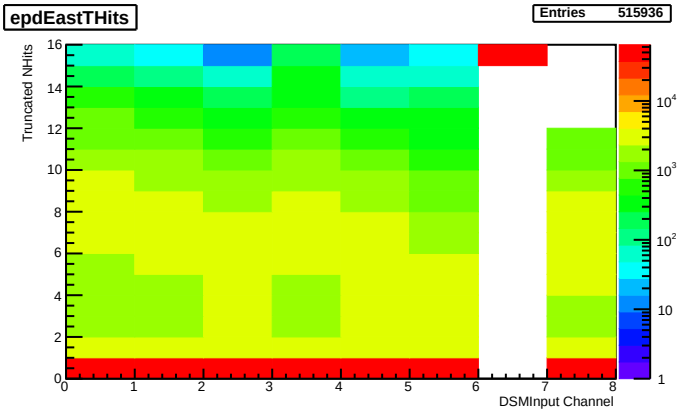
Entries 64360
Data
Simu

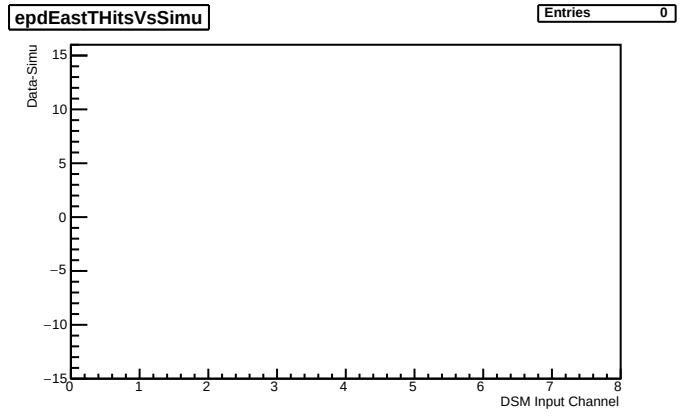

bbcSmallWestTacMax
Entries 64492


bbcSmallWestTacMaxVsSimu
Entries 64360
Data
Simu


epdEastTacMax
Entries 515936
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 515936
Truncated NHits
DSMInput Channel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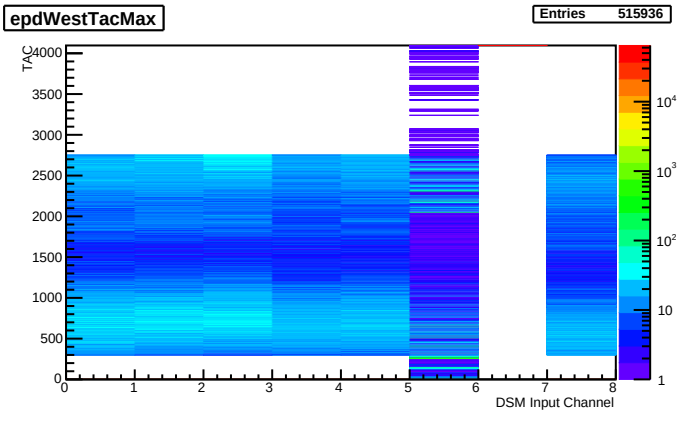
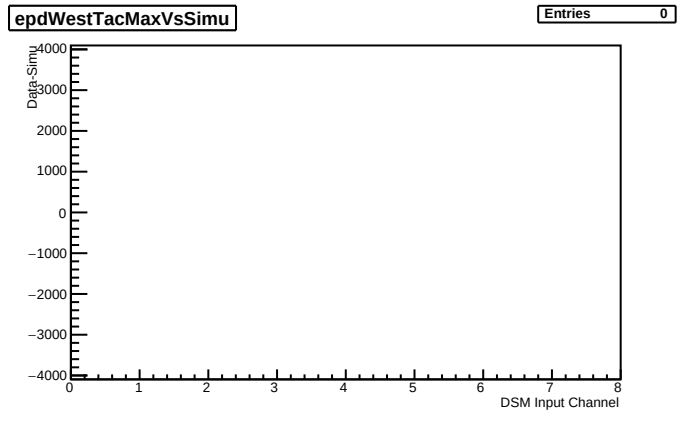
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 515936
TAC
DSM Input Channel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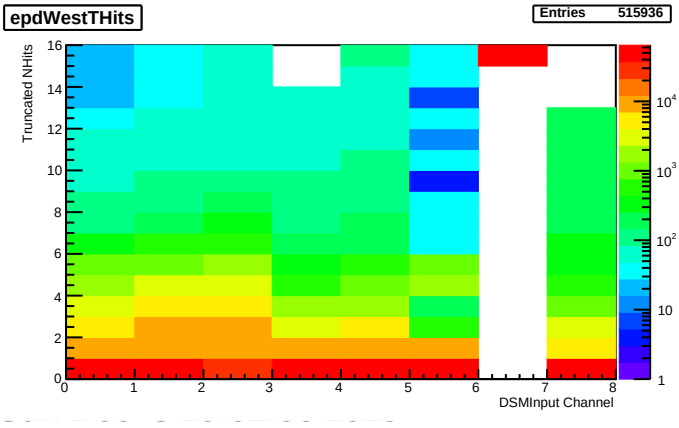
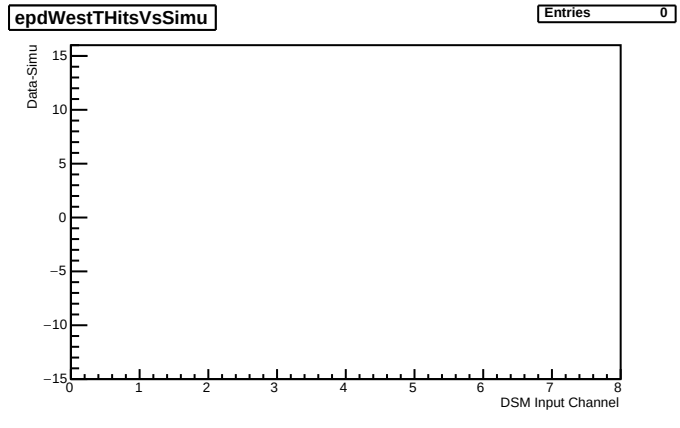
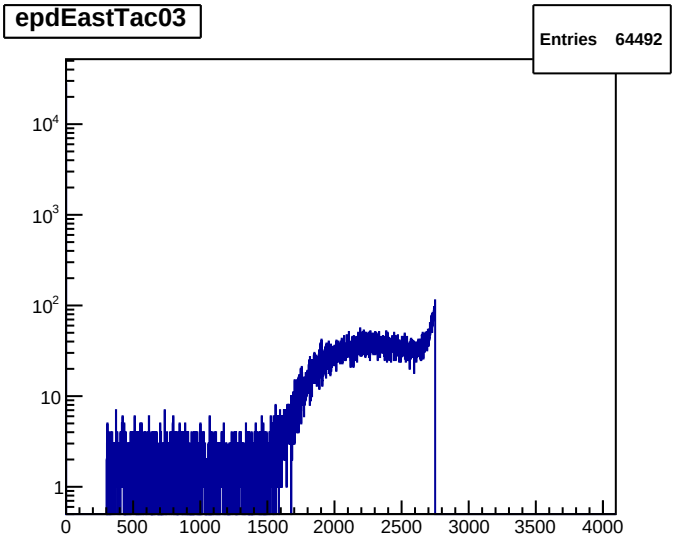
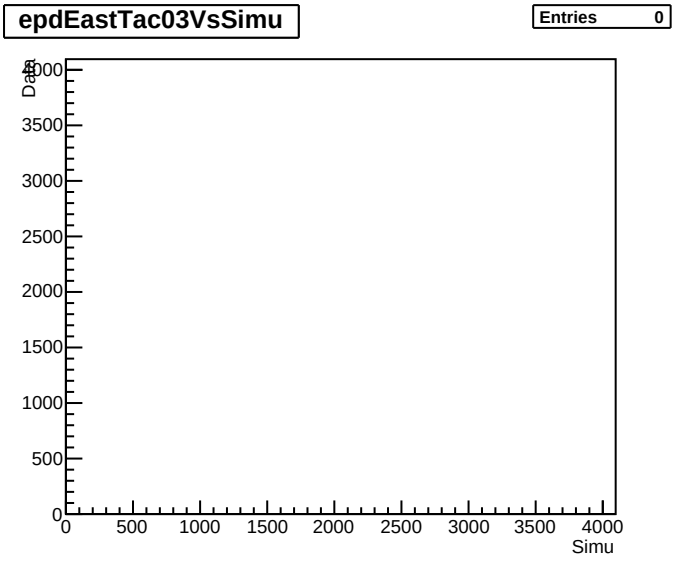
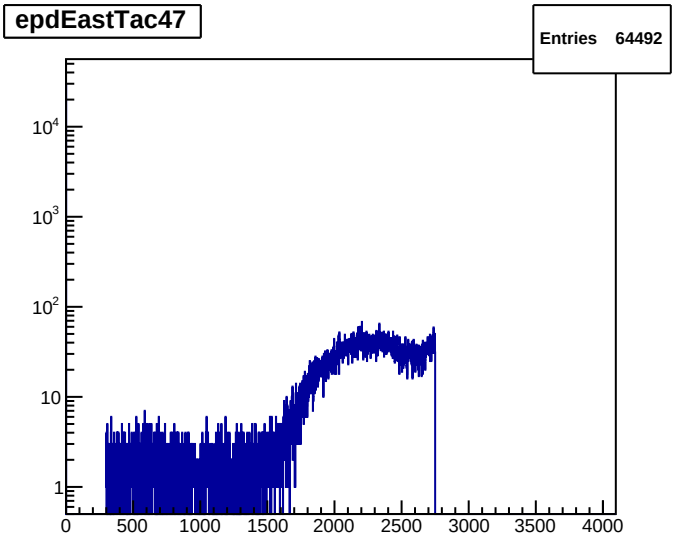
Entries 0
Data-Simu
DSM Input Channel

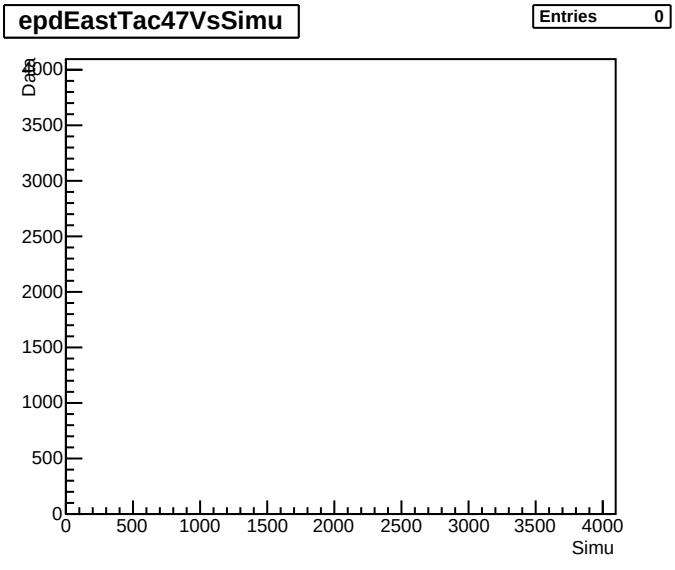

epdWestTHits
Entries 515936
Truncated NHits
DSMInput Channel

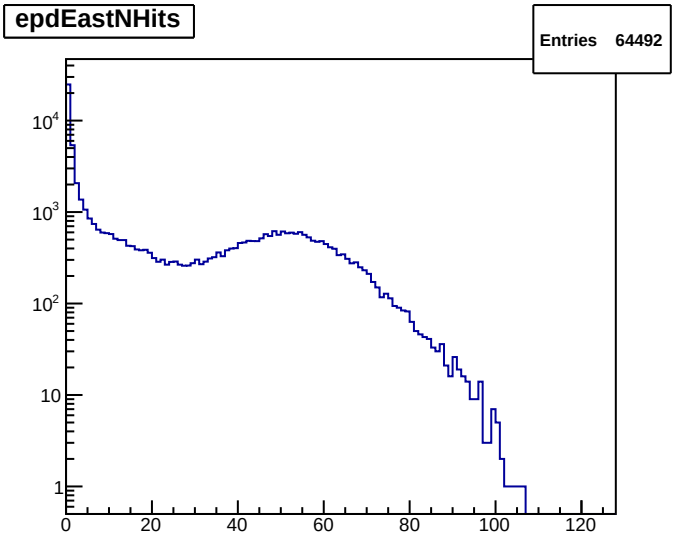

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

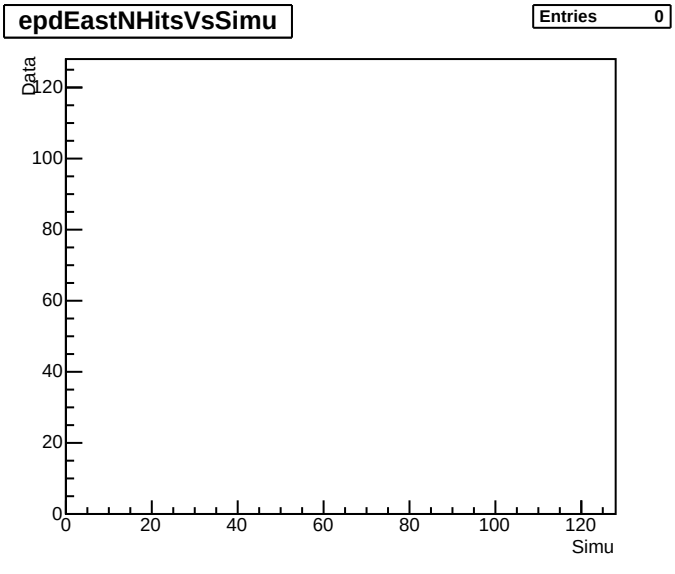

epdEastTac03
Entries 64492


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 64492


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 64492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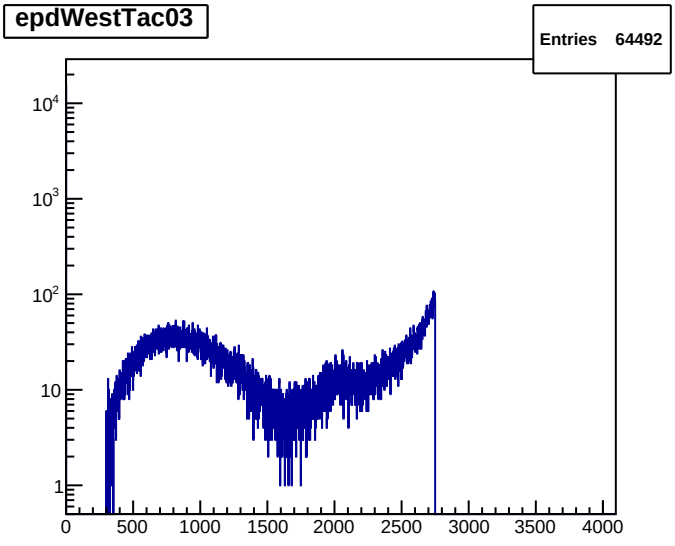
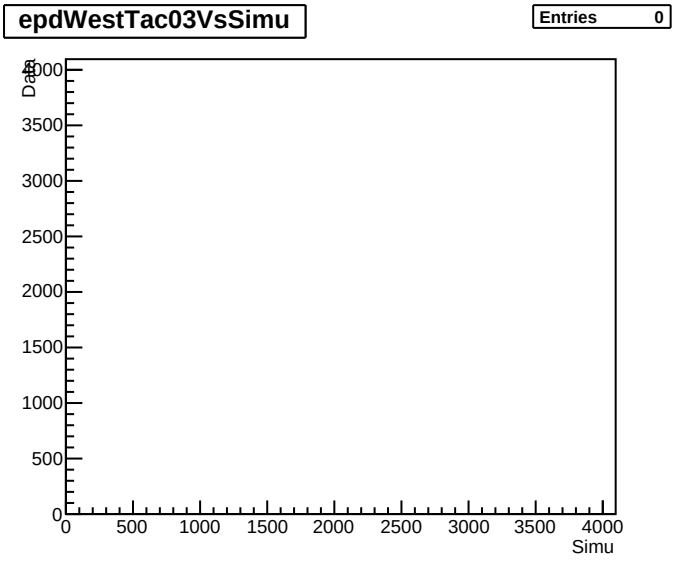
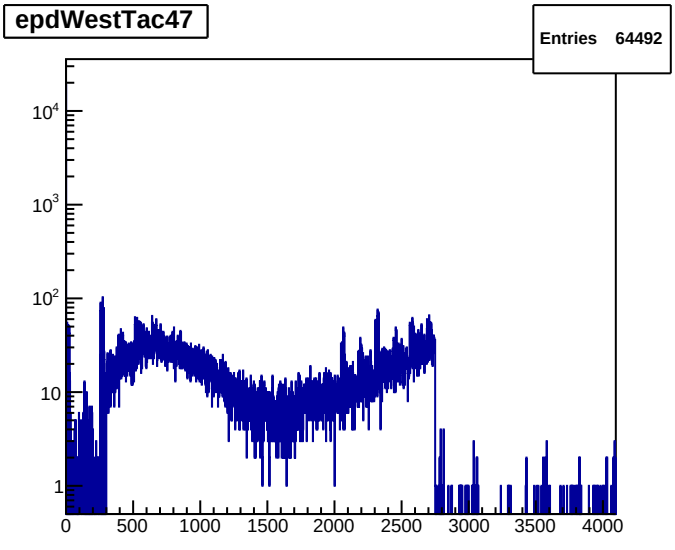
Entries 0
Data
Simu


epdWestTac03
Entries 64492


epdWestTac03VsSimu
Entries 0
Data
Simu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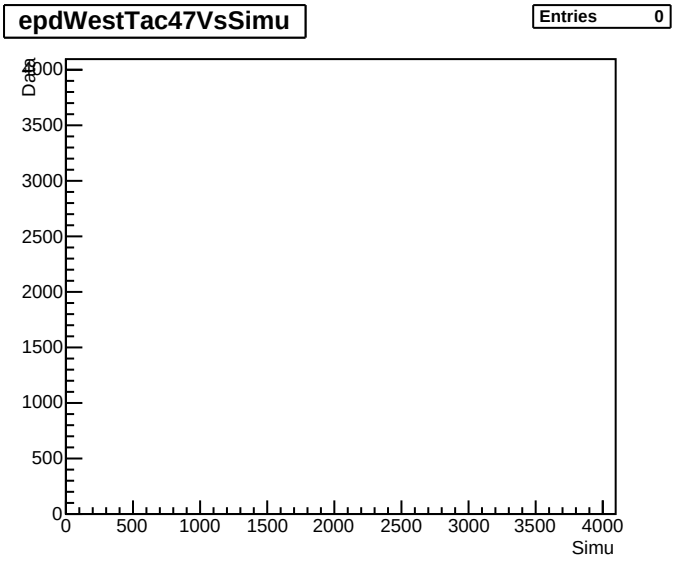
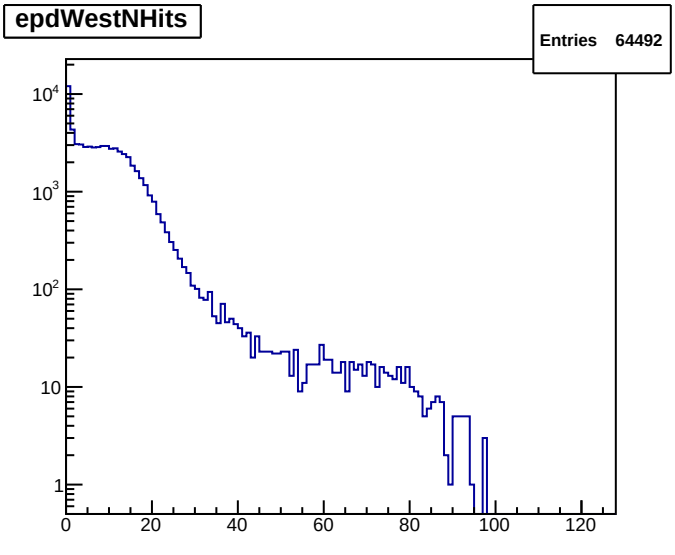
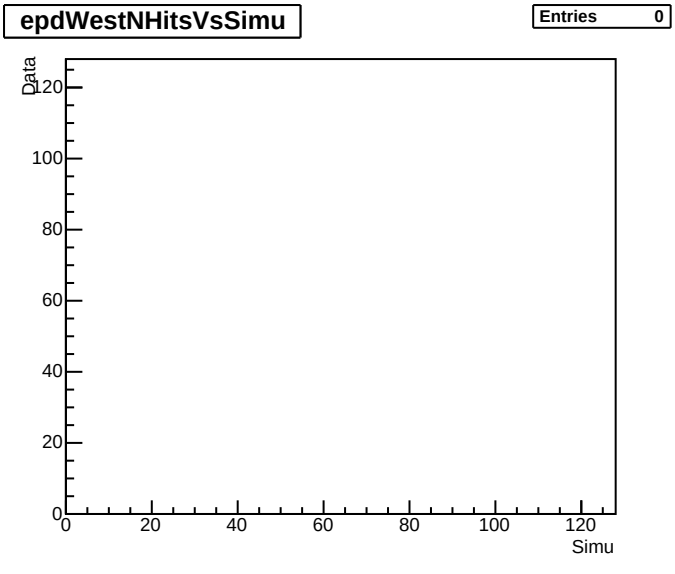
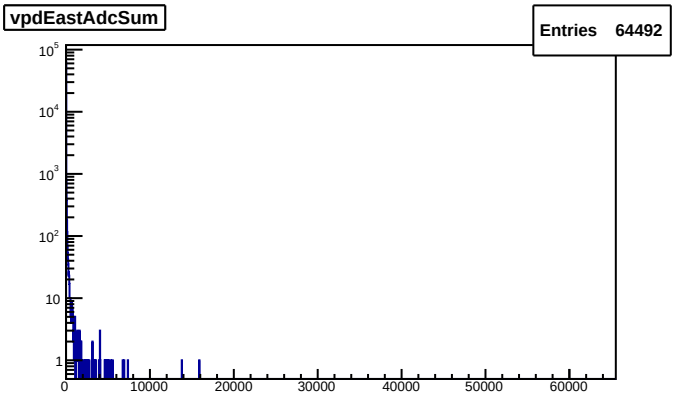
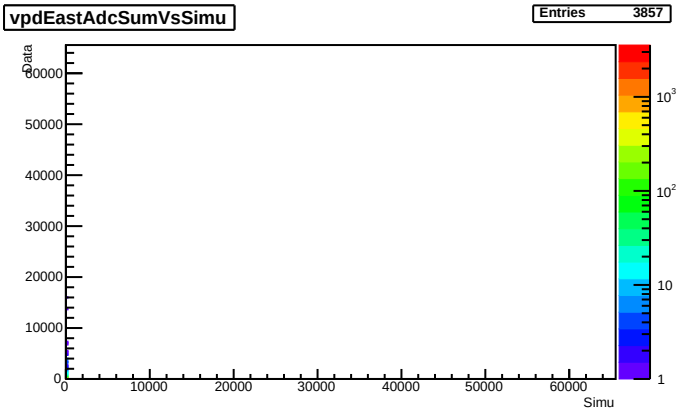
Entries 64492

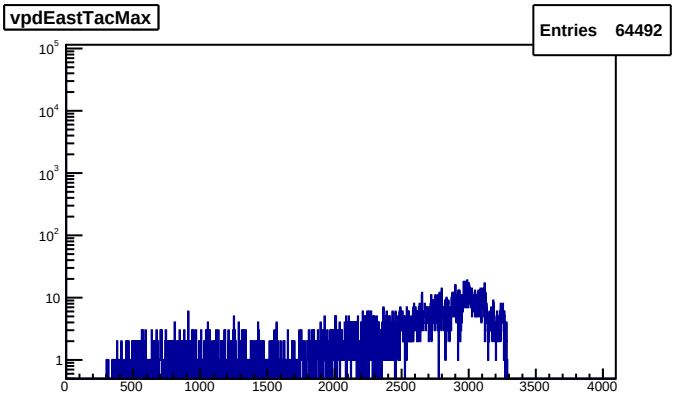

epdWestTac47VsSimu
Entries 0
Data
Simu

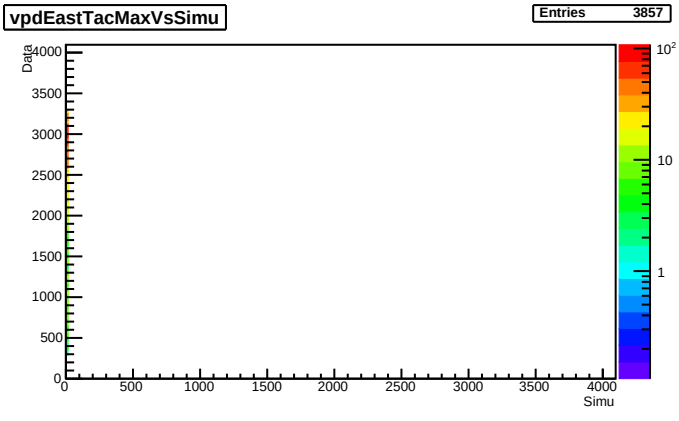

epdWestNHits
Entries 64492

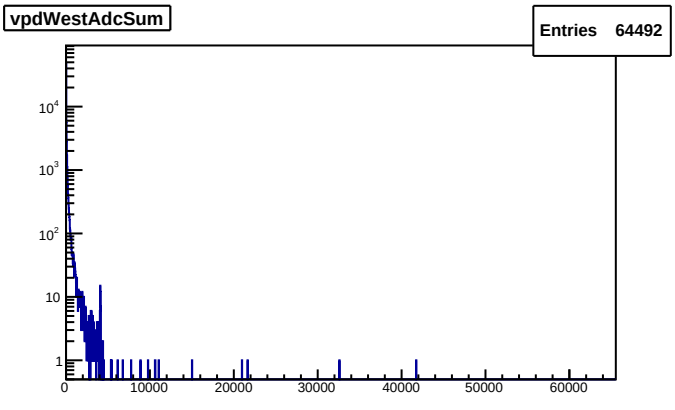

epdWestNHitsVsSimu
Entries 0
Data
Simu

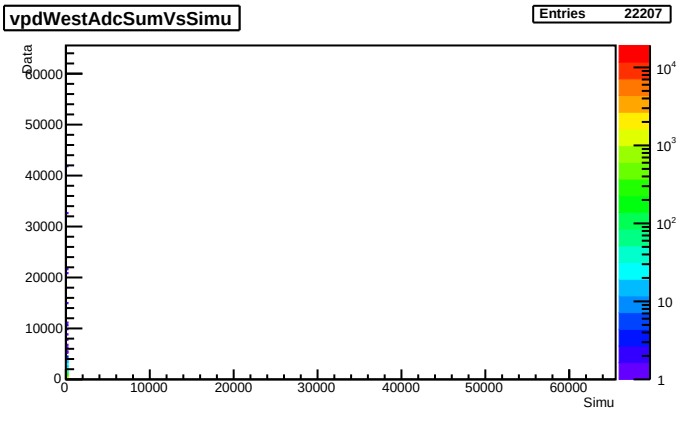

vpdEastAdcSum
Entries 64492

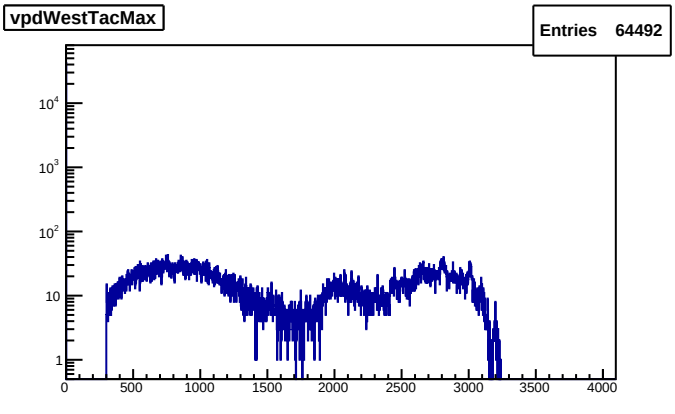

vpdEastAdcSumVsSimu
Entries 3857
Data
Simu

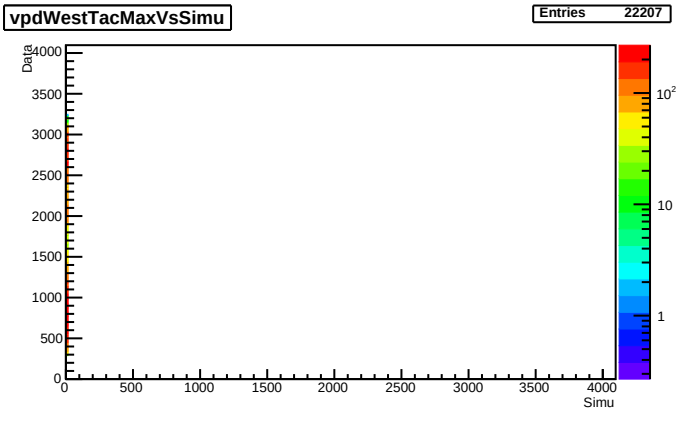

vpdEastTacMax
Entries 64492

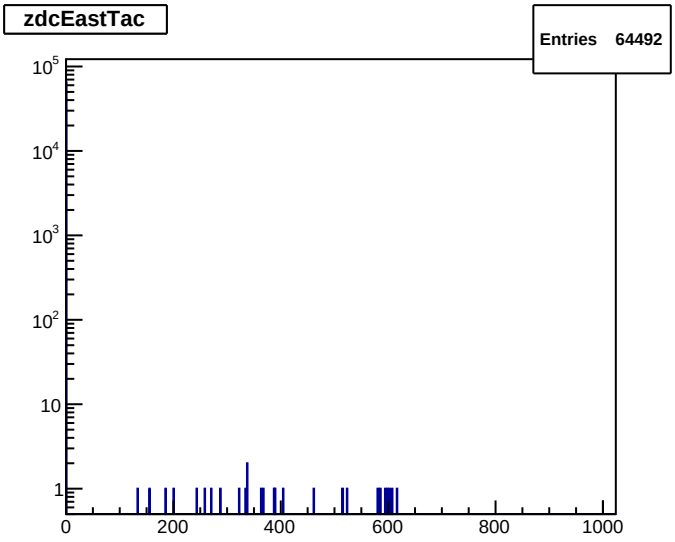

vpdEastTacMaxVsSimu
Entries 3857
Data
Simu

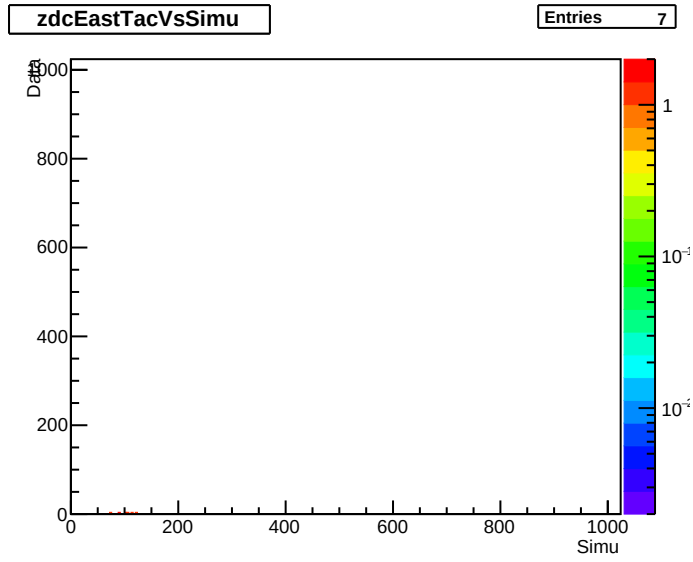

vpdWestAdcSum
Entries 64492

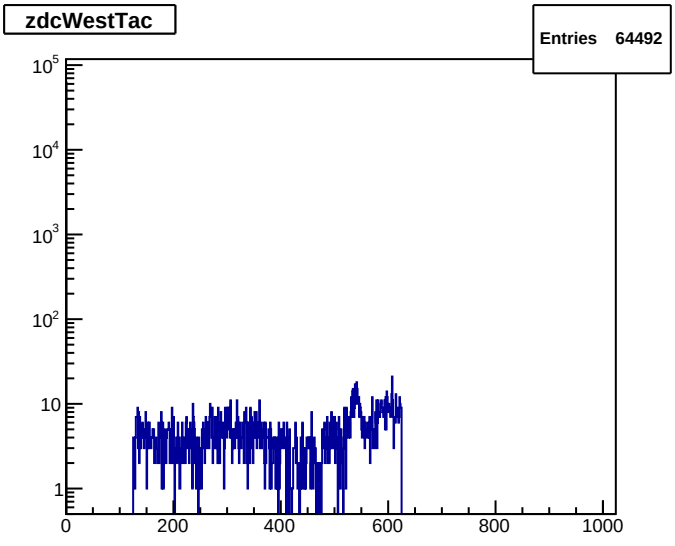

vpdWestAdcSumVsSimu
Entries 22207
Data
Simu

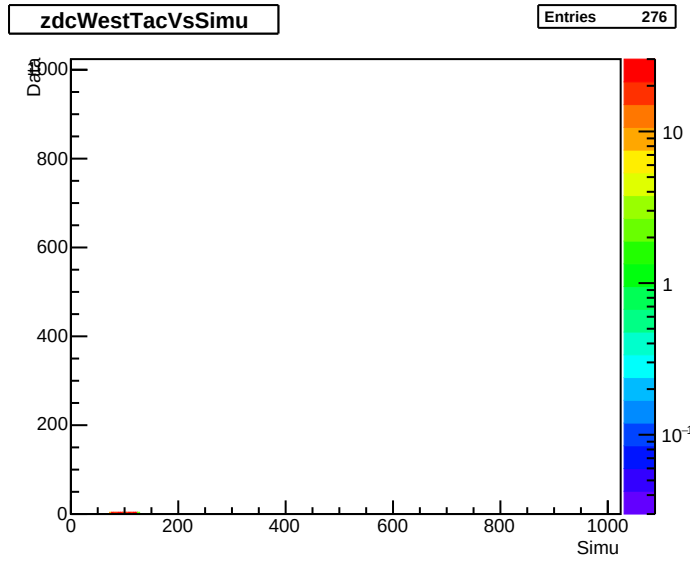

vpdWestTacMax
Entries 64492

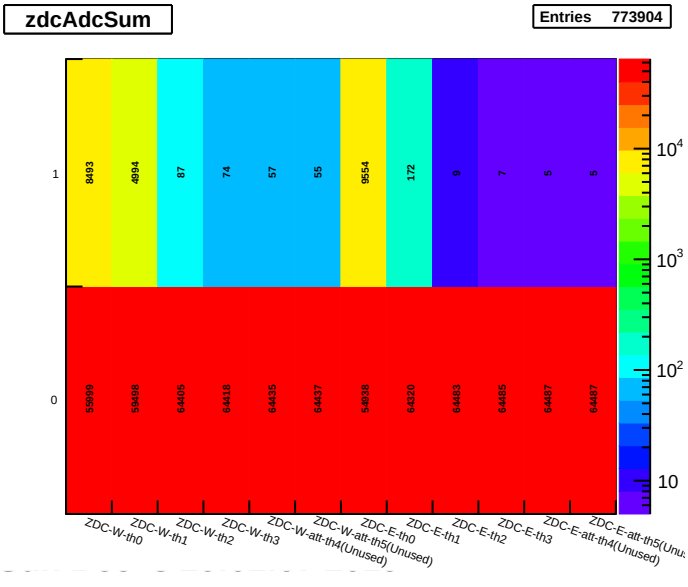

vpdWestTacMaxVsSimu
Entries 22207
Data
Simu

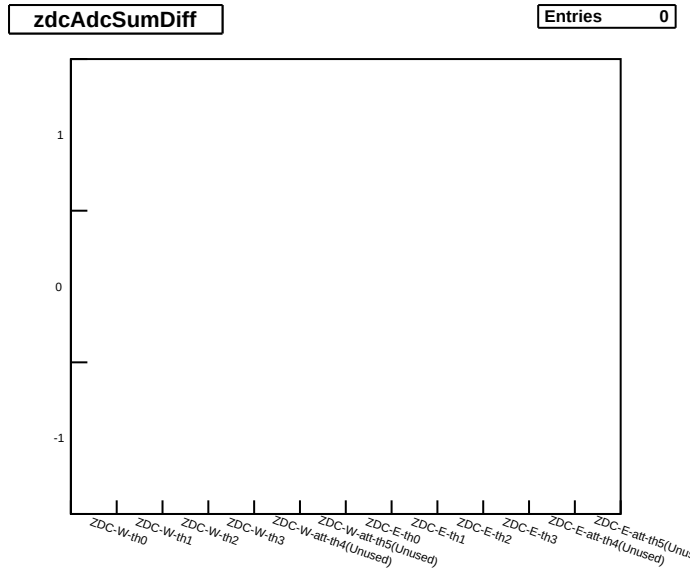

zdcEastTac
Entries 64492

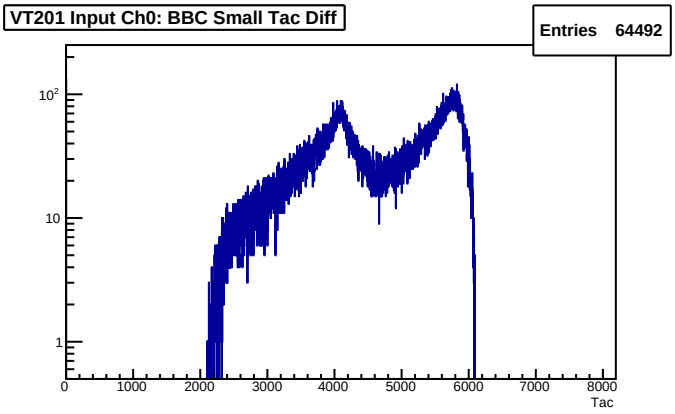

zdcEastTacVsSimu
Entries 7
Data
Simu

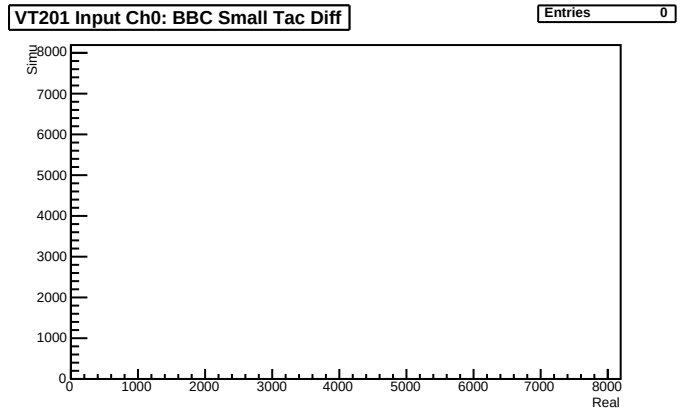

zdcWestTac
Entries 64492

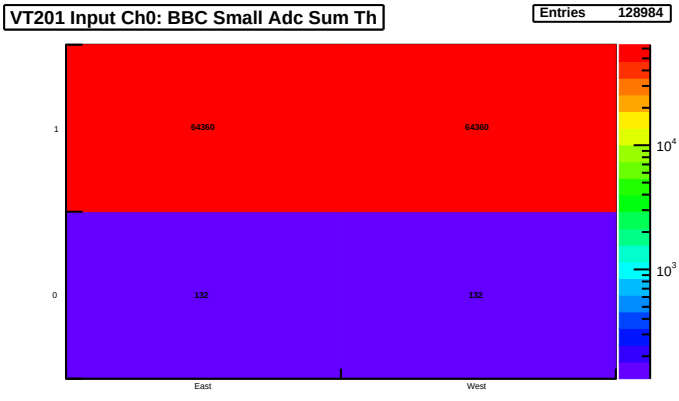

zdcWestTacVsSimu
Entries 276
Data
Simu

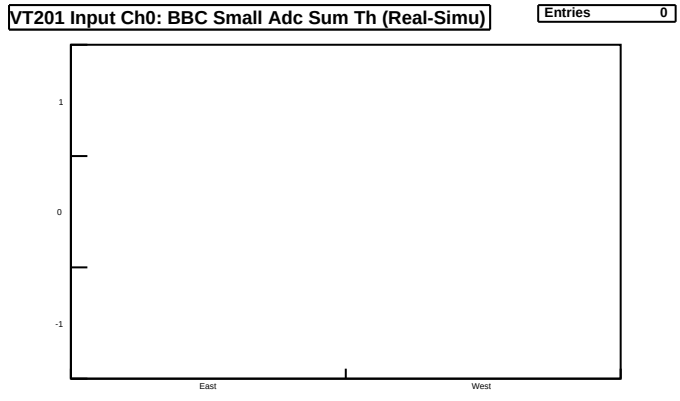

zdcAdcSum
Entries 773904
8493
4994
87
74
57
55
9554
172
9
7
5
5
59999
59498
64405
64418
64435
64437
54938
64320
64483
64485
64487
64487
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

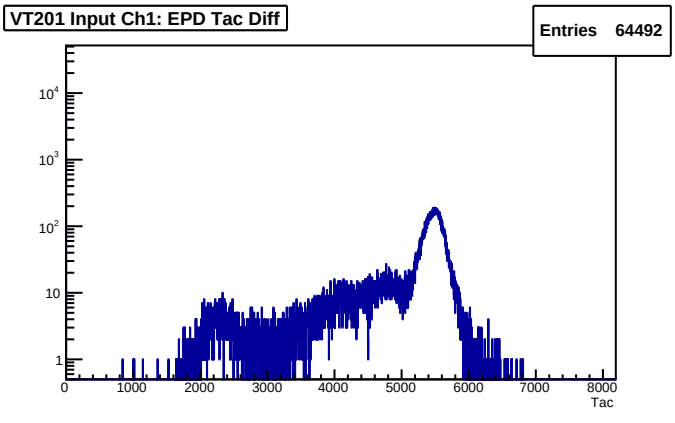

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

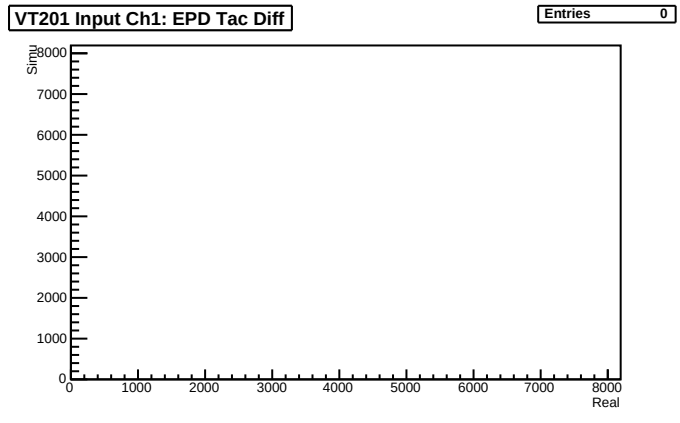

VT201 Input Ch0: BBC Small Tac Diff
Entries 64492
Tac

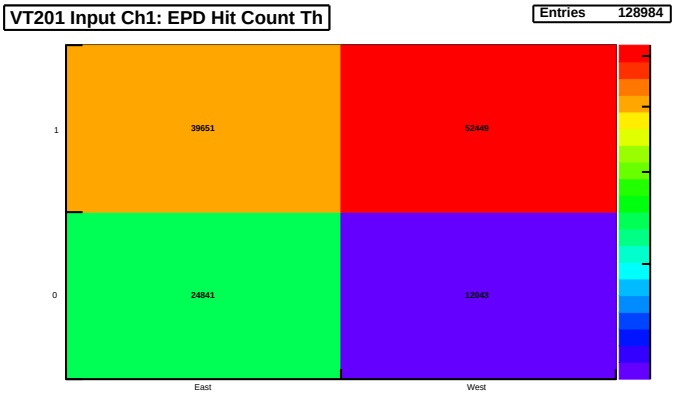

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

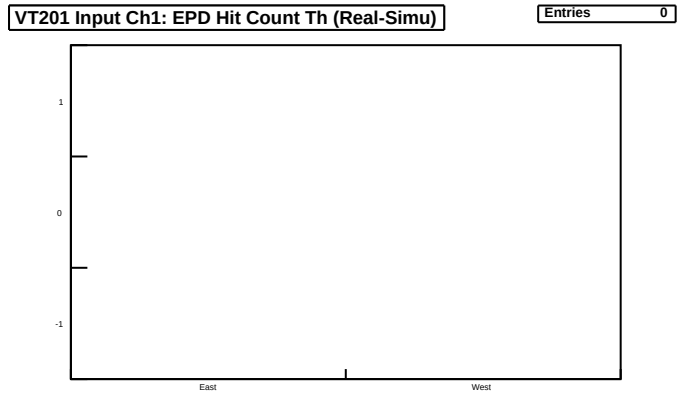

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 128984
64360
64360
132
132
East
West

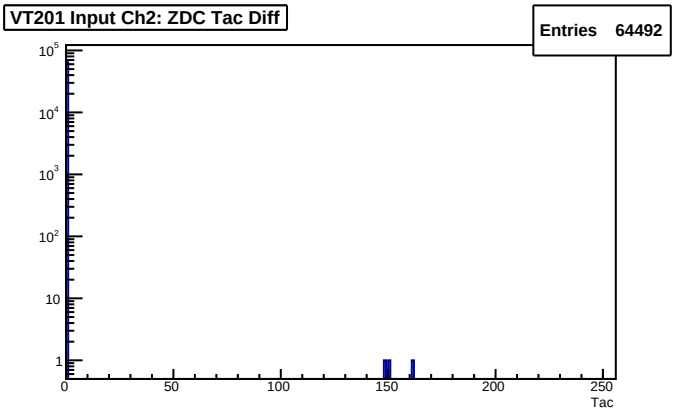

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

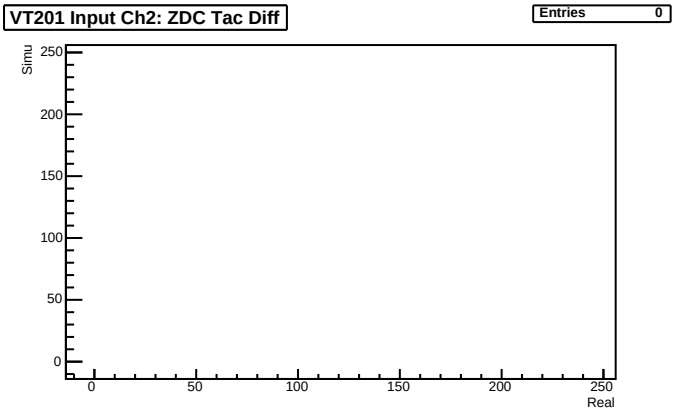

VT201 Input Ch1: EPD Tac Diff
Entries 64492
Tac

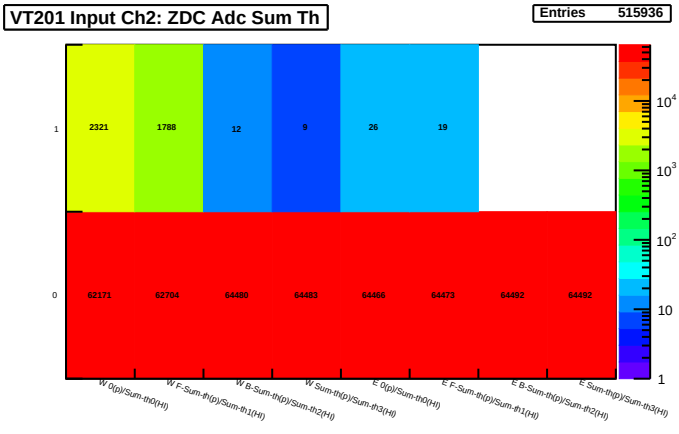

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

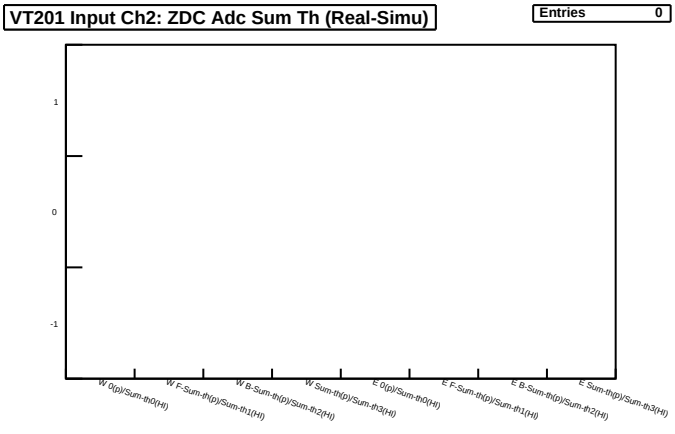

VT201 Input Ch1: EPD Hit Count Th
Entries 128984
39651
52449
24841
12043
East
West

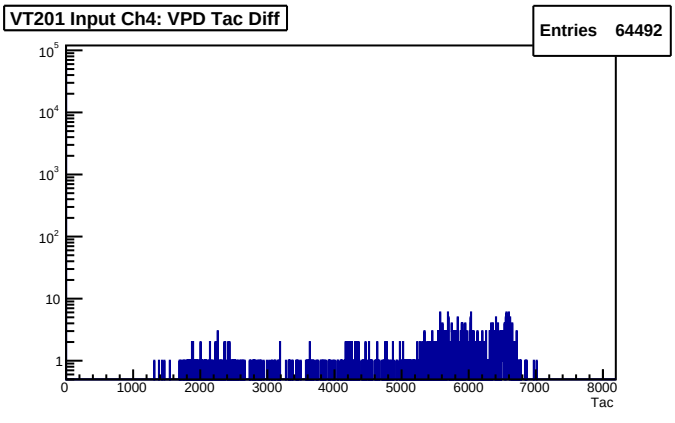

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

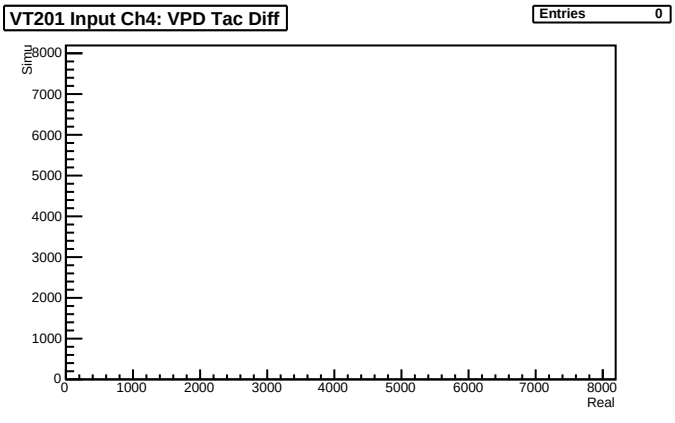

VT201 Input Ch2: ZDC Tac Diff
Entries 64492
Tac

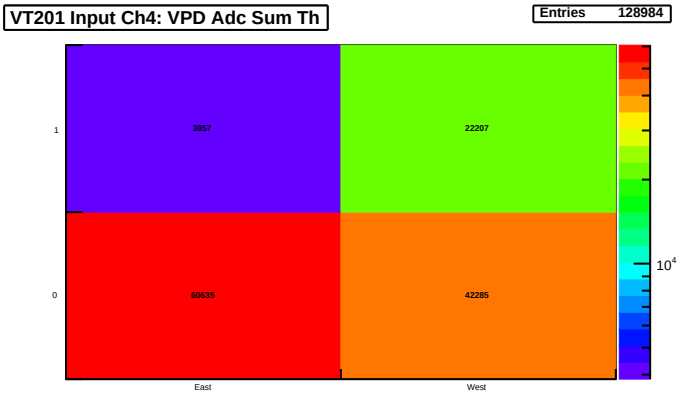

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

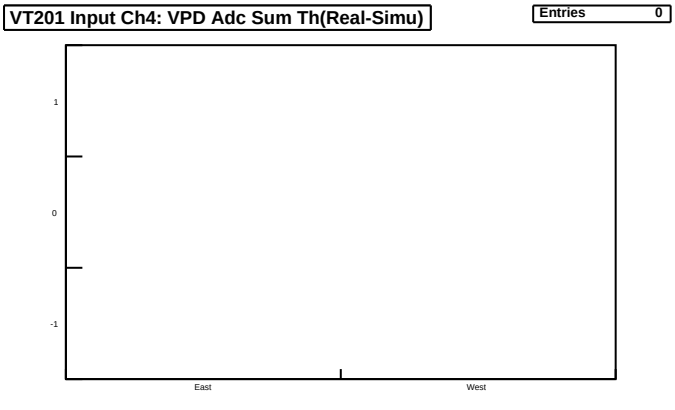

VT201 Input Ch2: ZDC Adc Sum Th
Entries 515936
2321
1788
12
9
26
19
62171
62704
64480
64483
64466
64473
64492
64492
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

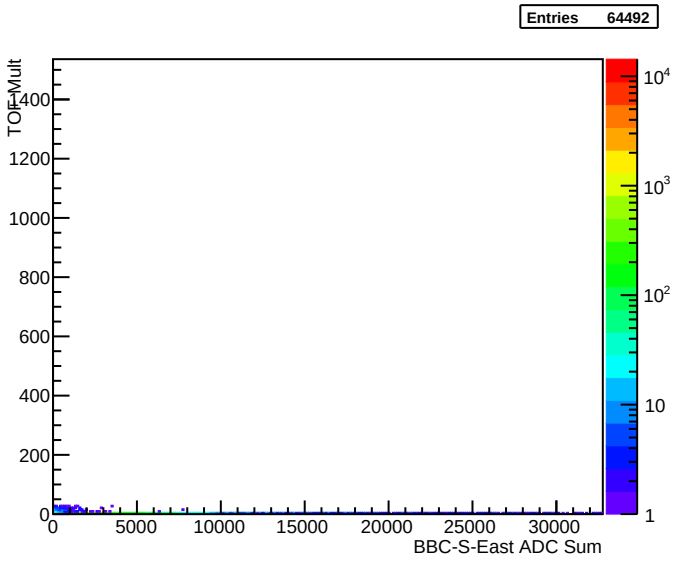

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

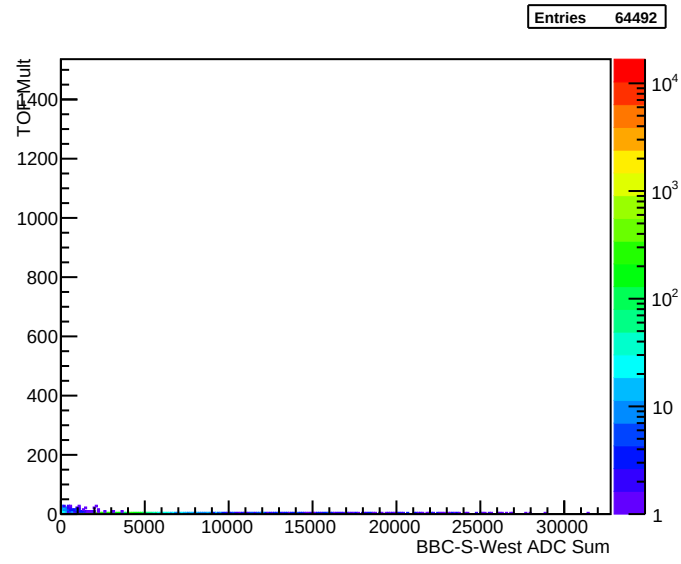

VT201 Input Ch4: VPD Tac Diff
Entries 64492
Tac

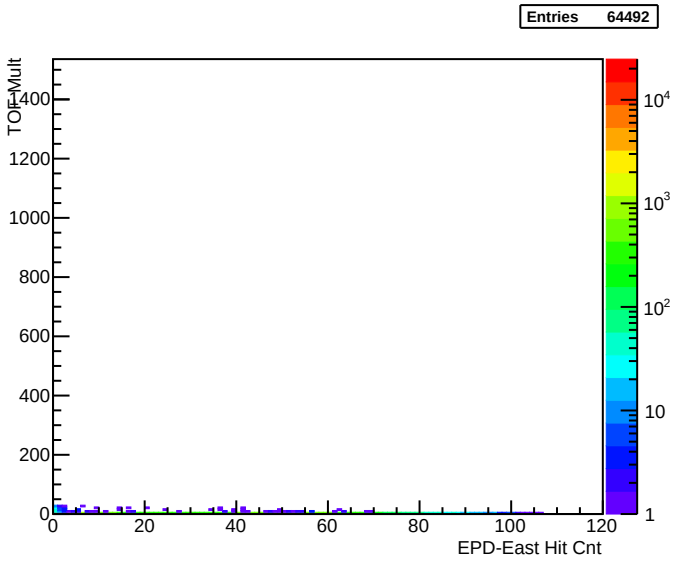

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

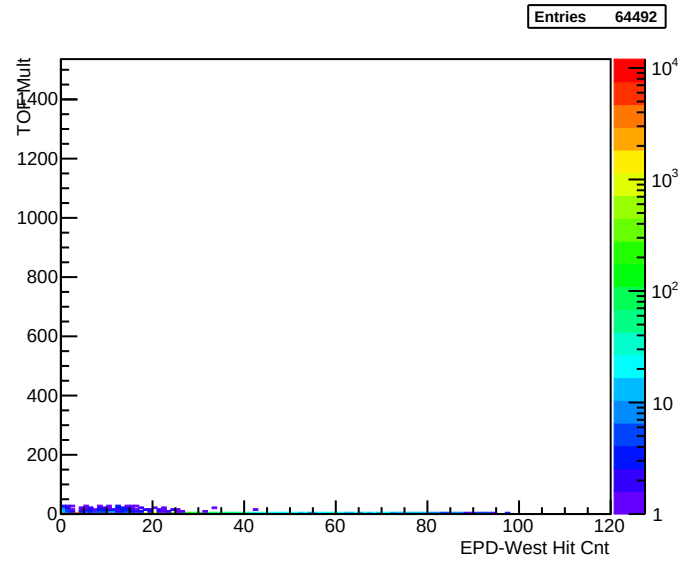

VT201 Input Ch4: VPD Adc Sum Th
Entries 128984
3857
22207
60635
42285
East
West

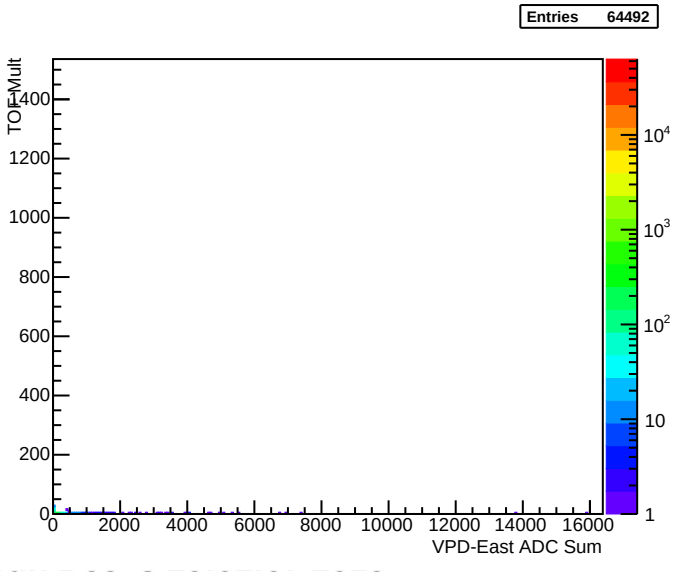

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

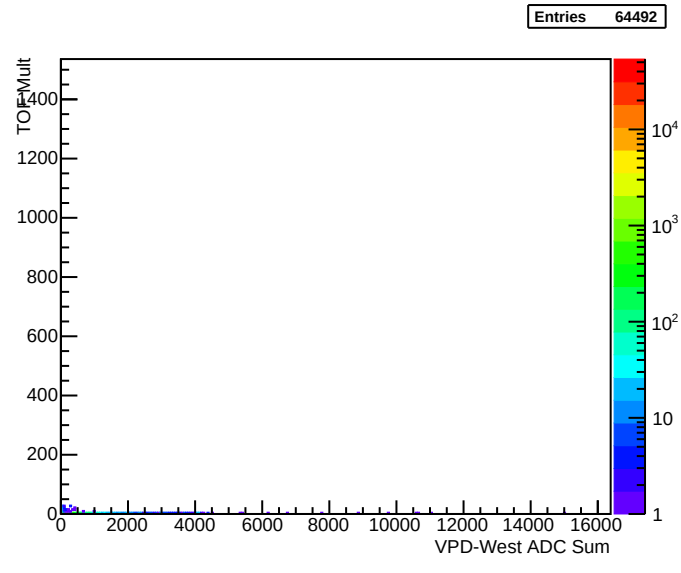

Entries 64492
TOF-Mult
BBC-S-East ADC Sum

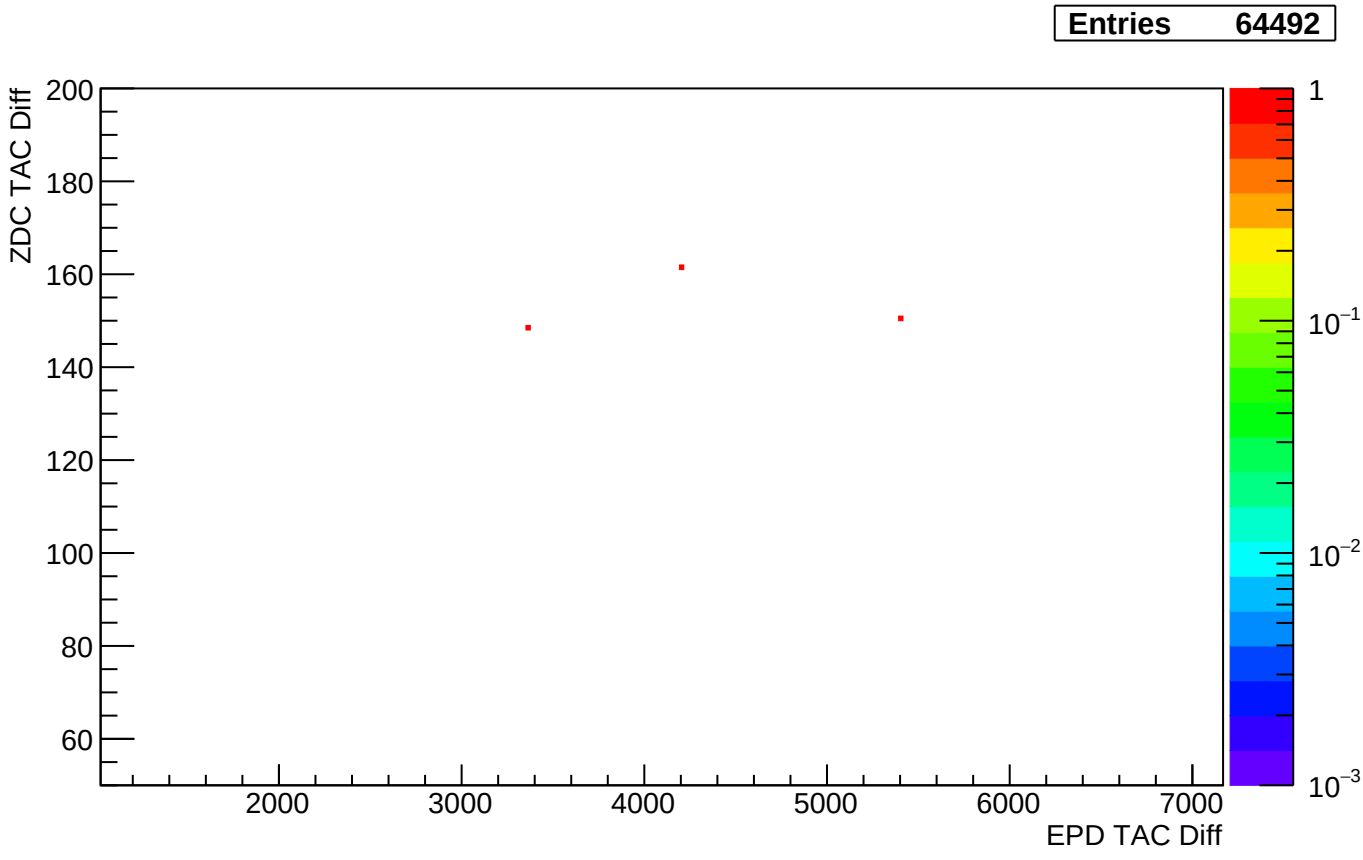

Entries 64492
TOF-Mult
BBC-S-West ADC Sum

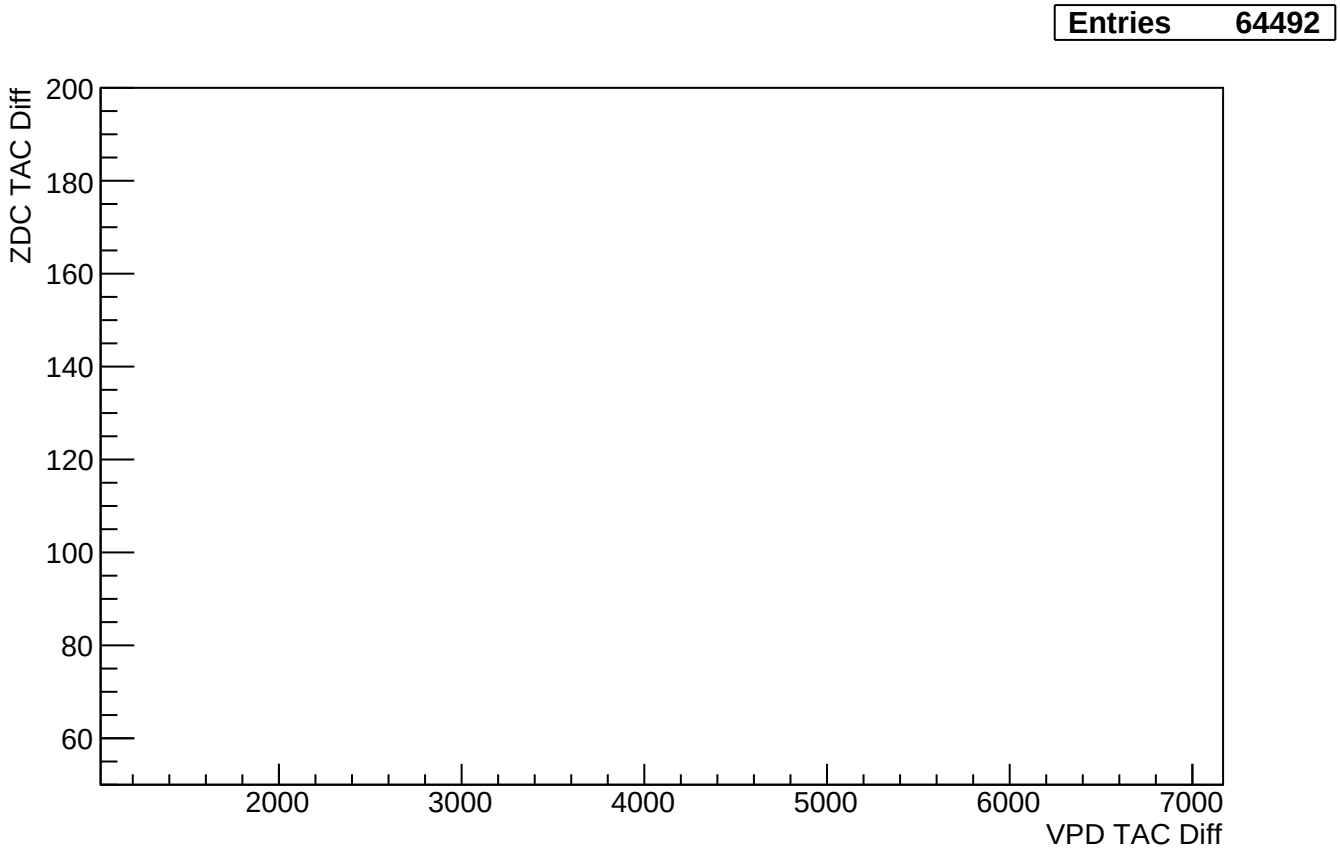

Entries 64492
TOF-Mult
EPD-East Hit Cnt

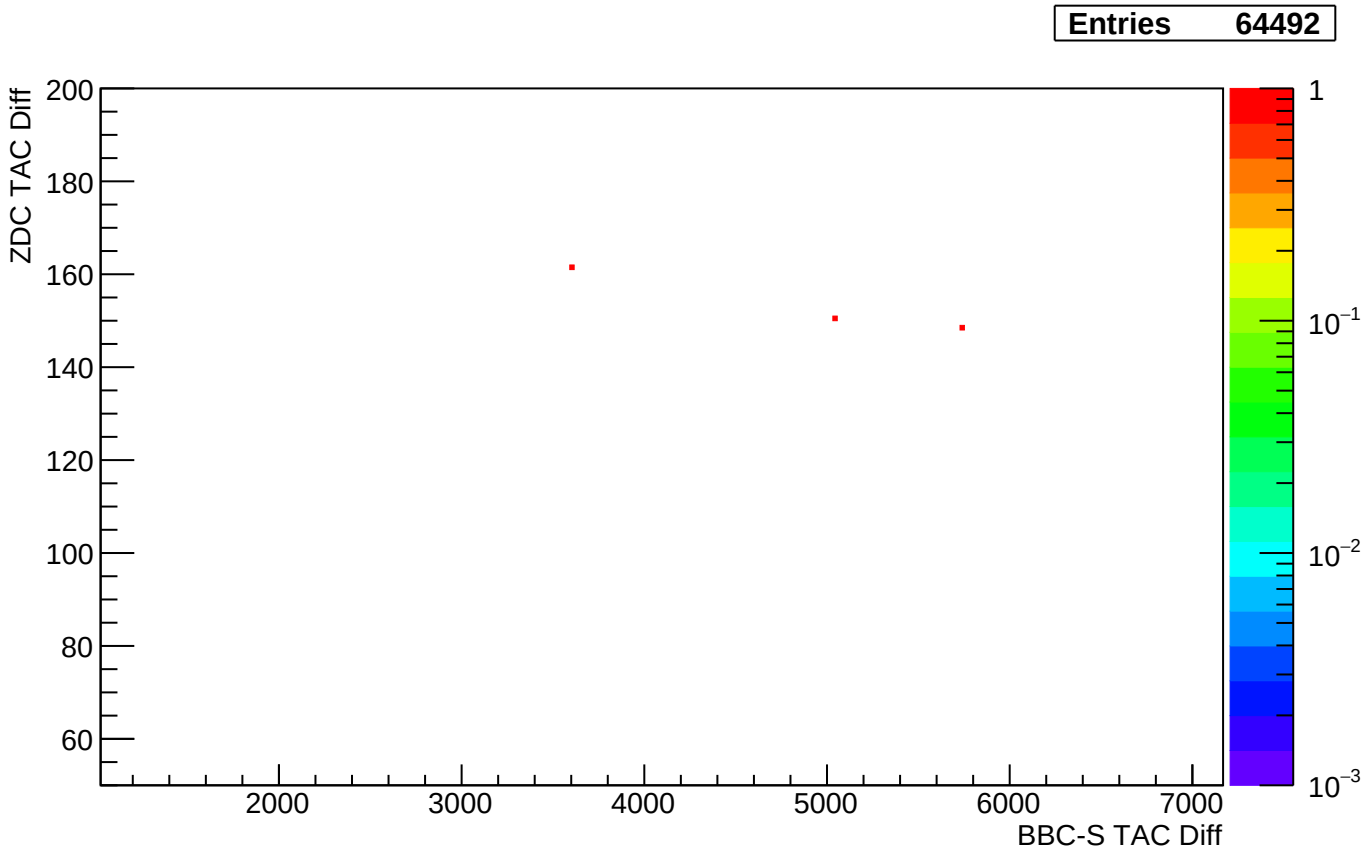

Entries 64492
TOF-Mult
EPD-West Hit Cnt

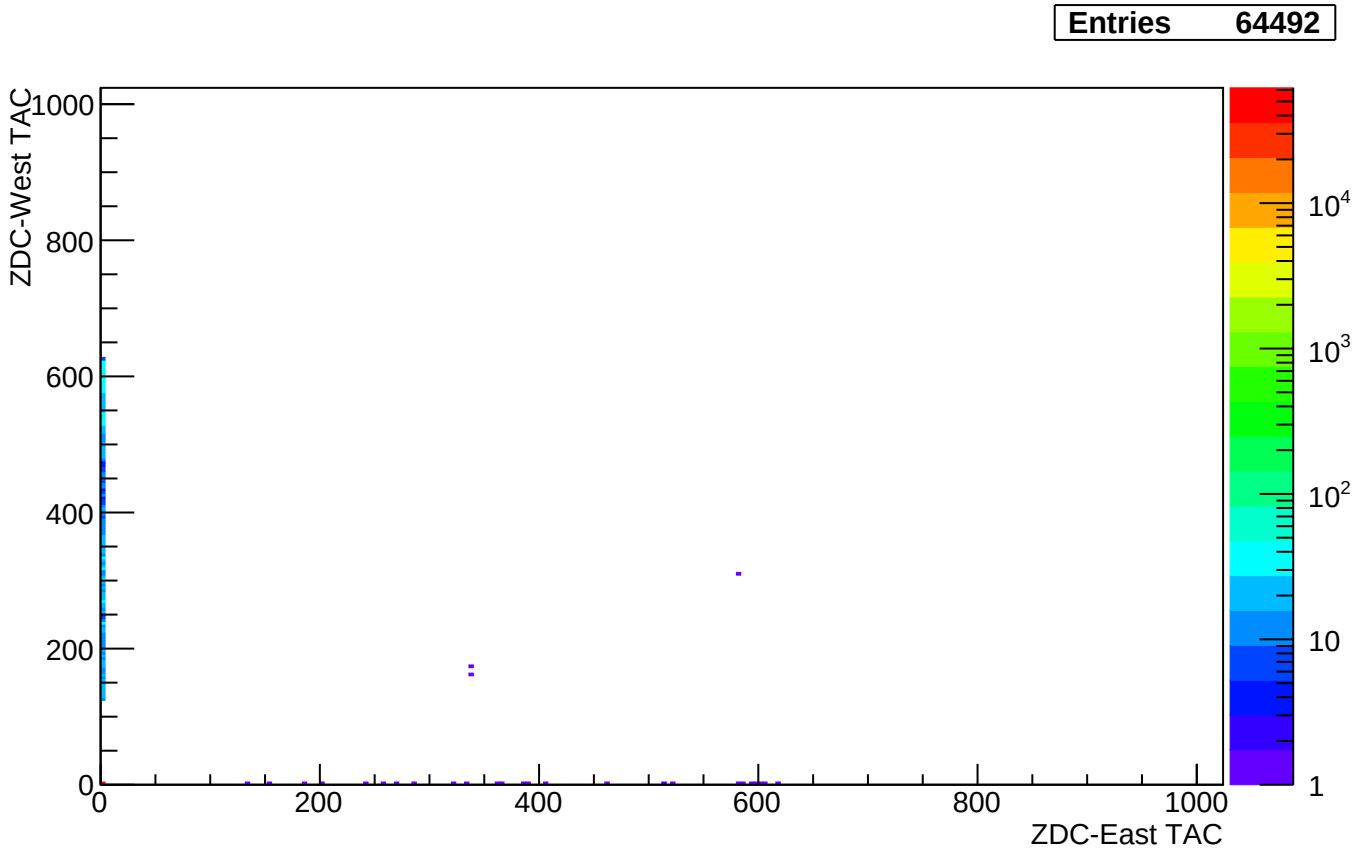

Entries 64492
TOF-Mult
VPD-East ADC Sum

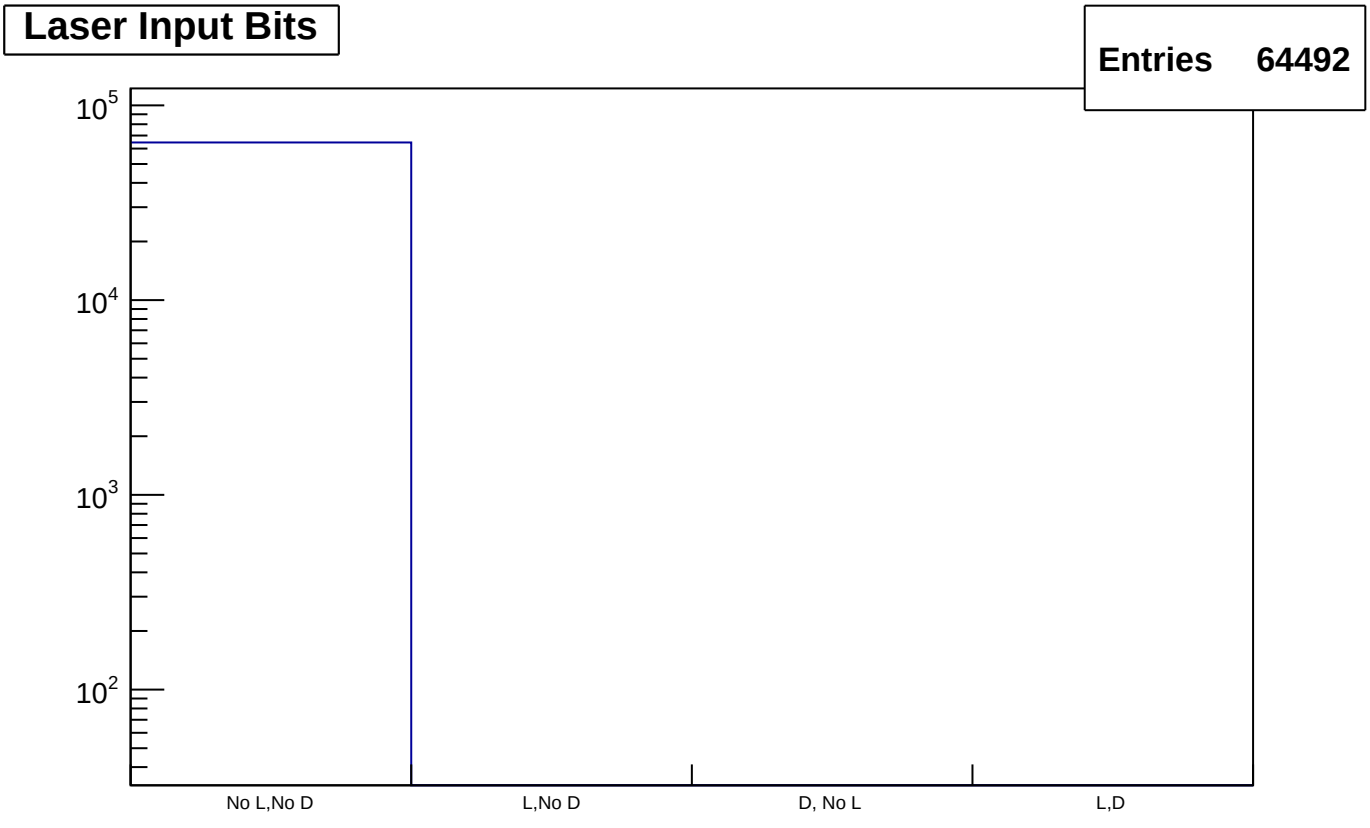

Entries 64492
TOF-Mult
VPD-West ADC Sum

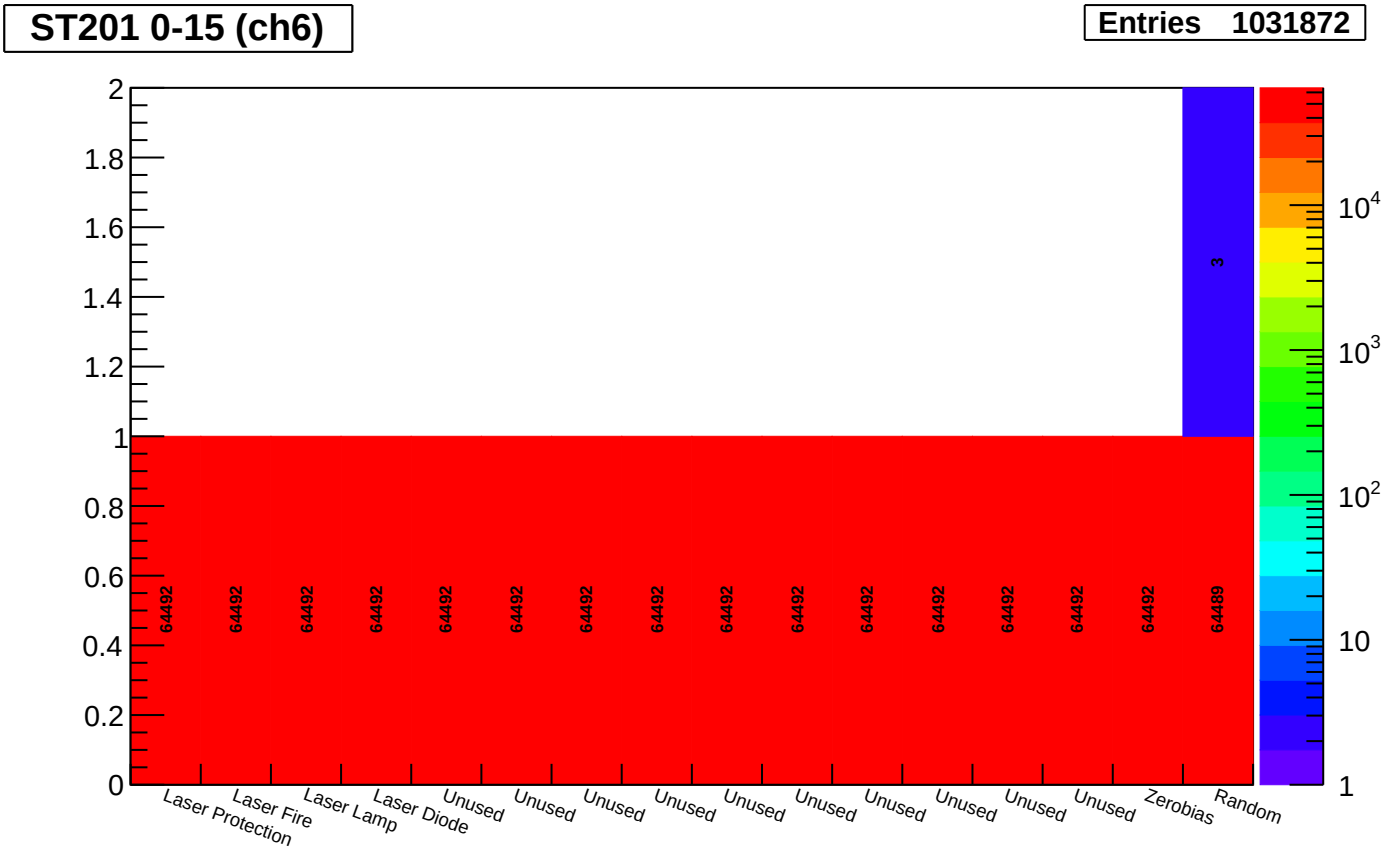

Entries 64492
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

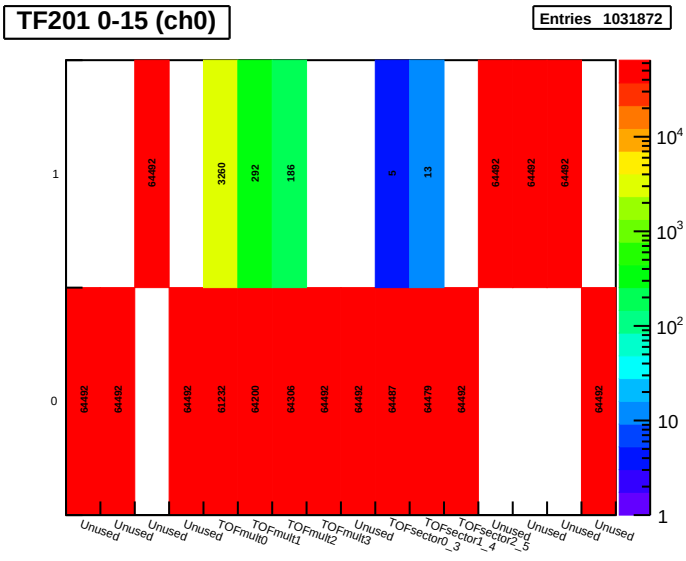

Entries 64492
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

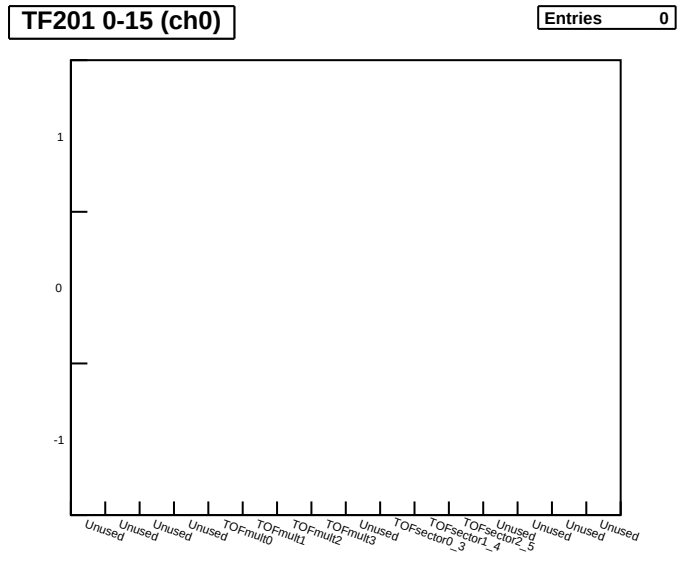

Entries 64492
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

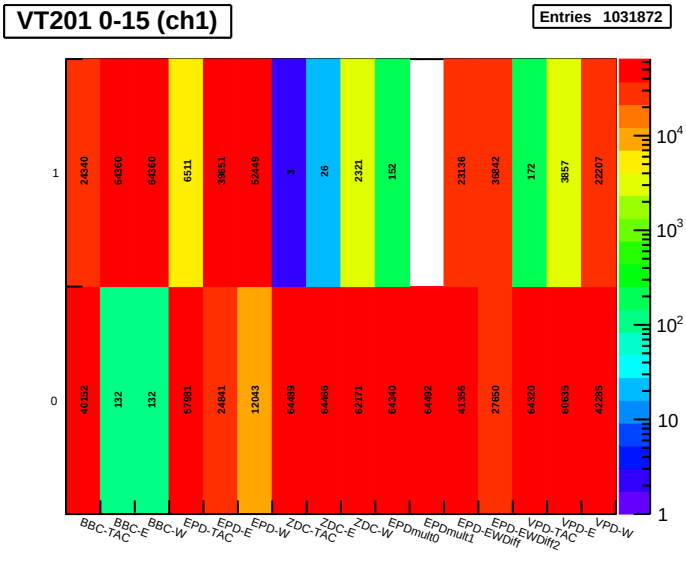

Entries 64492
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

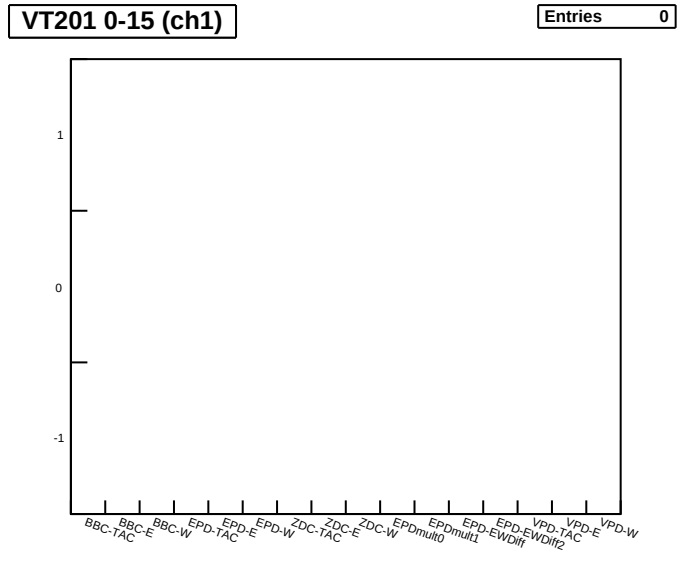

Laser Input Bits
Entries 64492
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

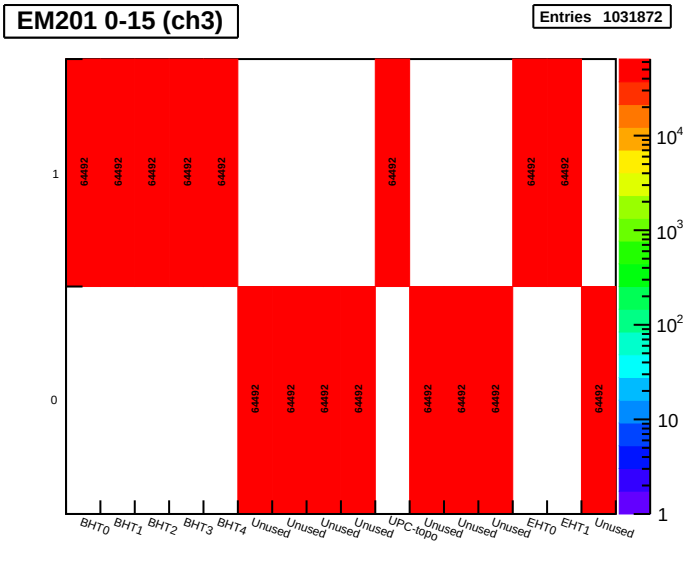

ST201 0-15 (ch6)
Entries 1031872
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
64492
64489
3
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

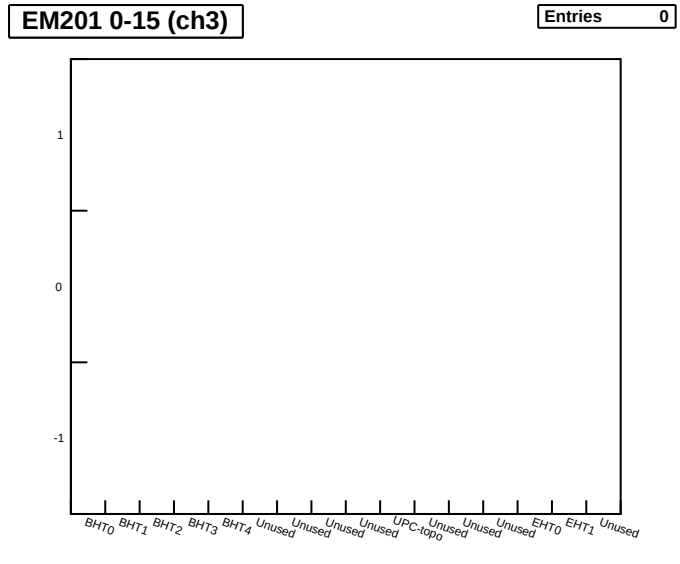

TF201 0-15 (ch0)
Entries 1031872
1
0
64492 3260 292 186 5 13 64492 64492 64492
64492 64492 64492 61232 64200 64306 64492 64492 64487 64479 64492 64492
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^4
10^3
10^2
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 Unused


VT201 0-15 (ch1)
Entries 1031872
1
0
24340 64360 64360 6511 39651 52449 3 26 2321 152 23136 36842 172 3857 22207
40152 132 132 57881 24841 12043 64489 64466 62171 64340 64492 41356 27650 64320 60635 42285
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
10^4
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 1031872
1
0
64492 64492 64492 64492 64492 64492 64492 64492
64492 64492 64492 64492 64492 64492 64492 64492
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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