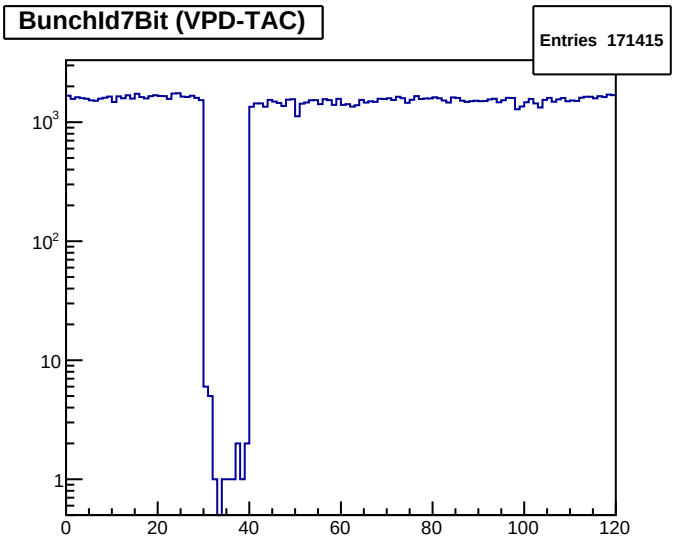
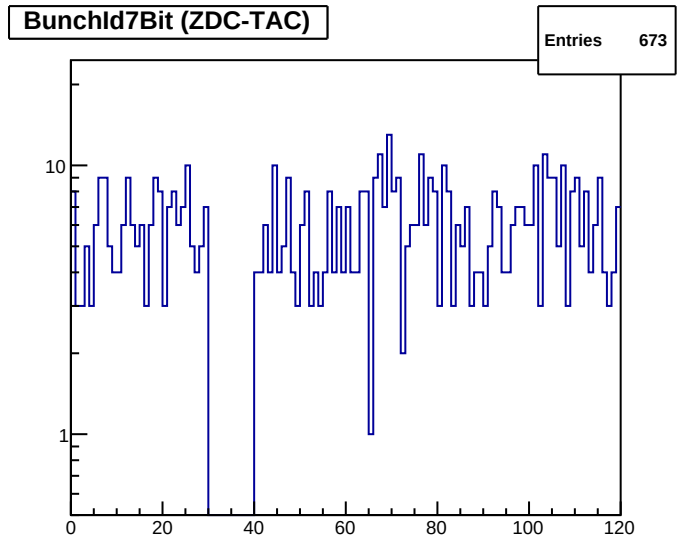
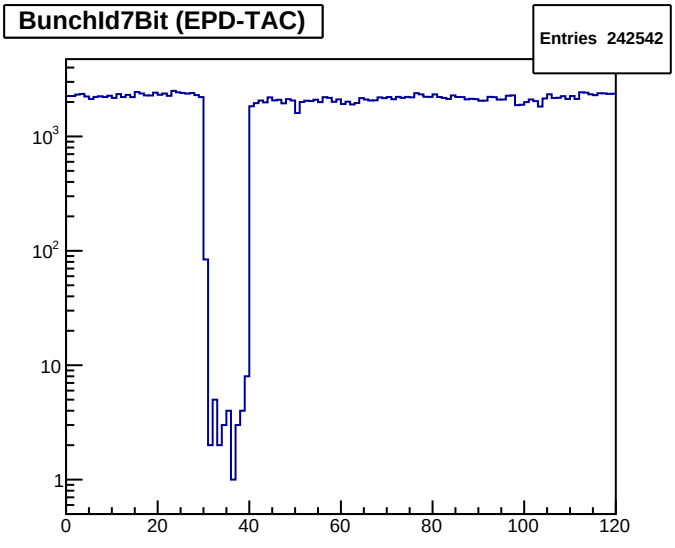
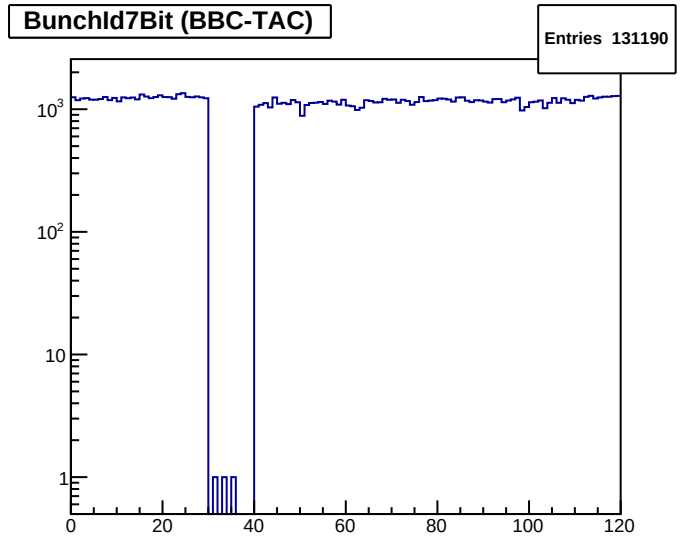
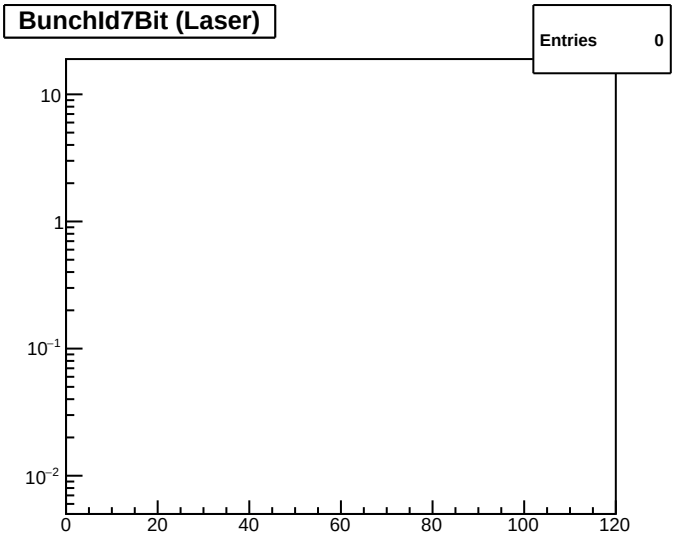
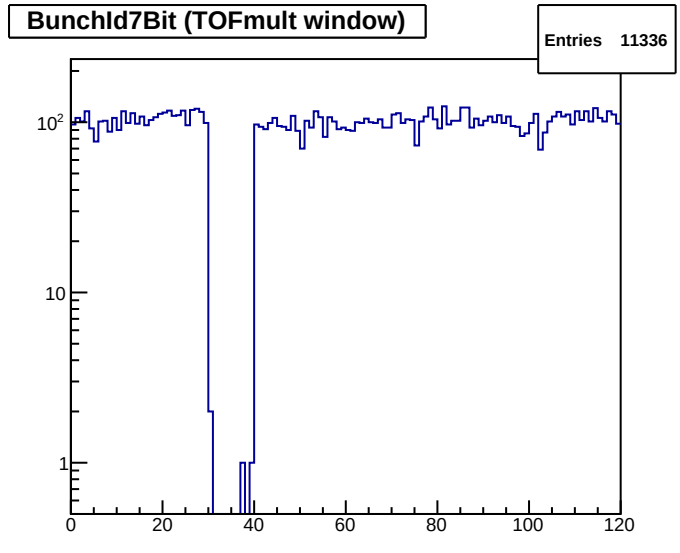

BunchId7Bit (VPD-TAC)
Entries 171415

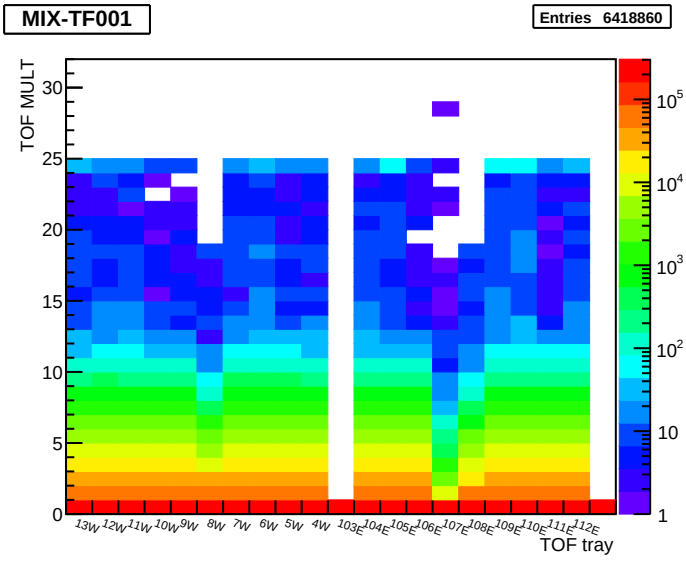

BunchId7Bit (ZDC-TAC)
Entries 673

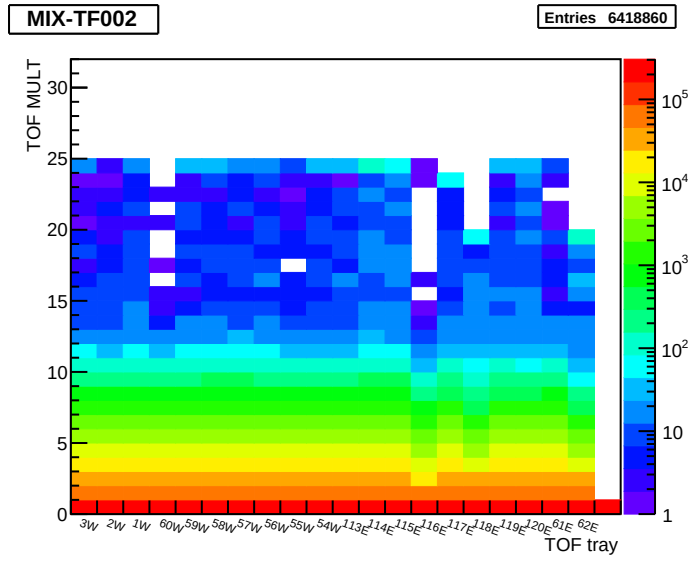

BunchId7Bit (EPD-TAC)
Entries 242542

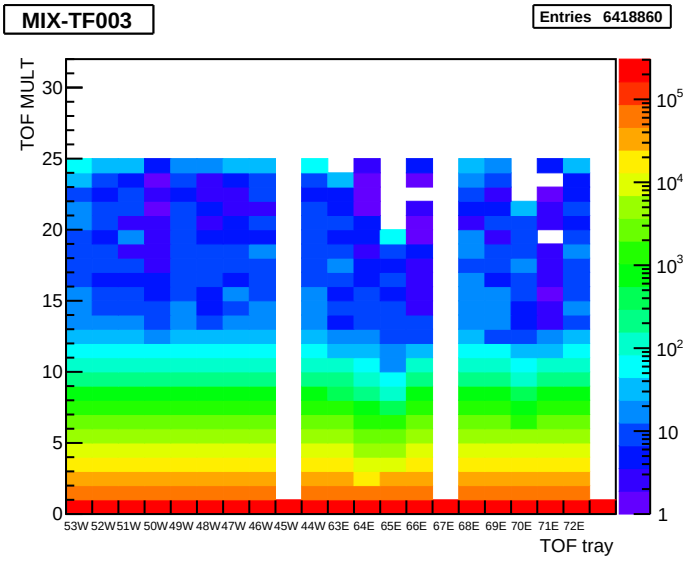

BunchId7Bit (BBC-TAC)
Entries 131190

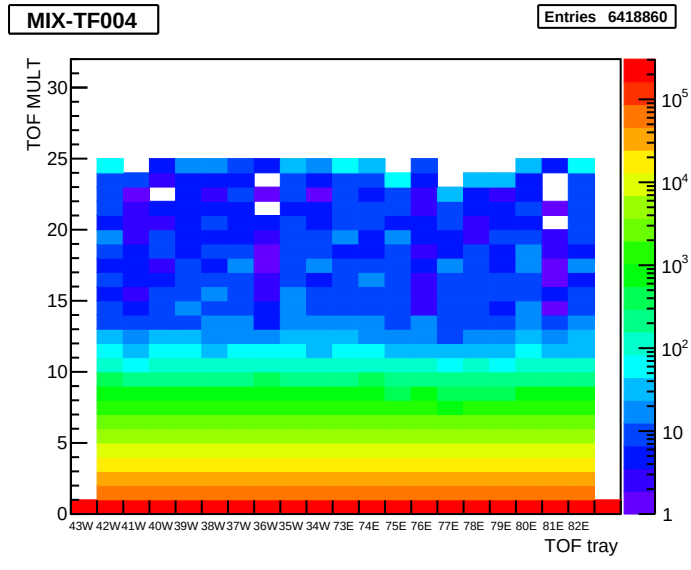

BunchId7Bit (Laser)
Entries 0

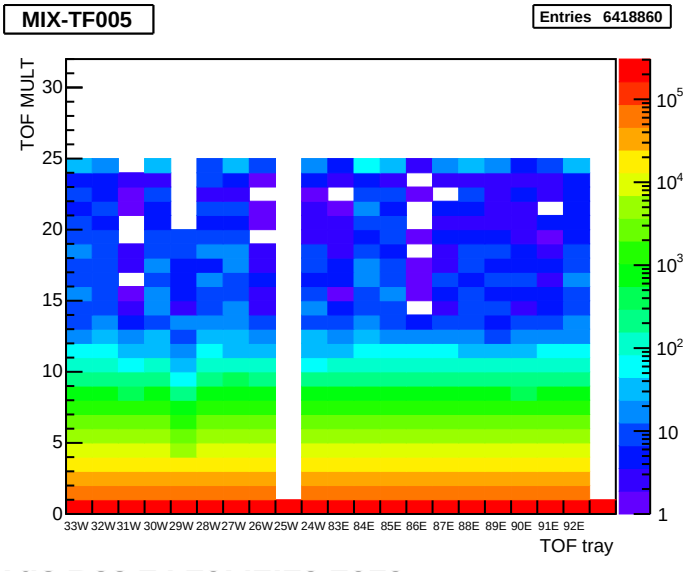

BunchId7Bit (TOFmult window)
Entries 11336

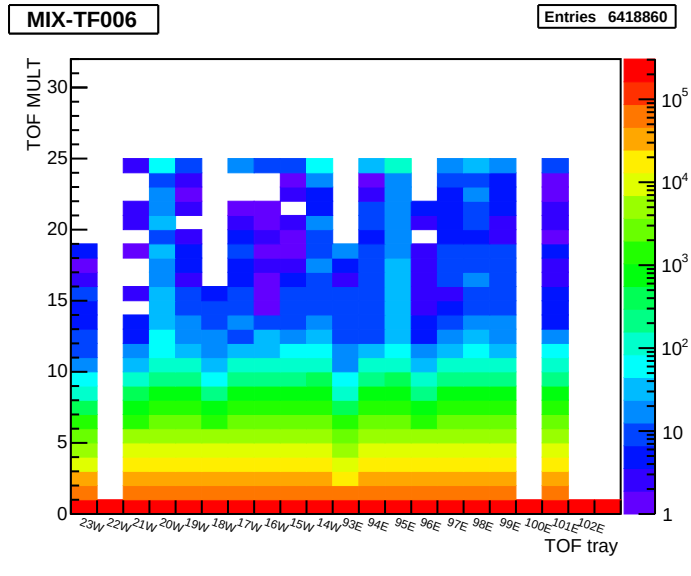

MIX-TF001
Entries 6418860
TOF MULT
TOF tray

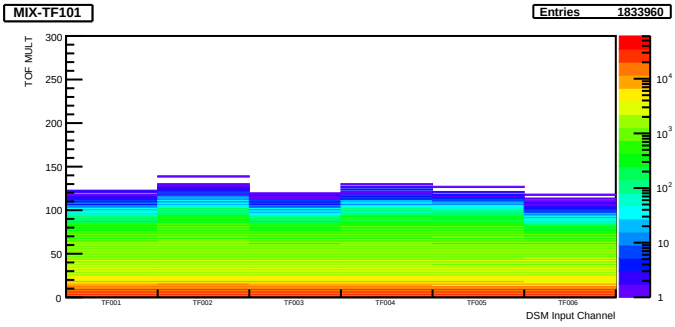

MIX-TF002
Entries 6418860
TOF MULT
TOF tray

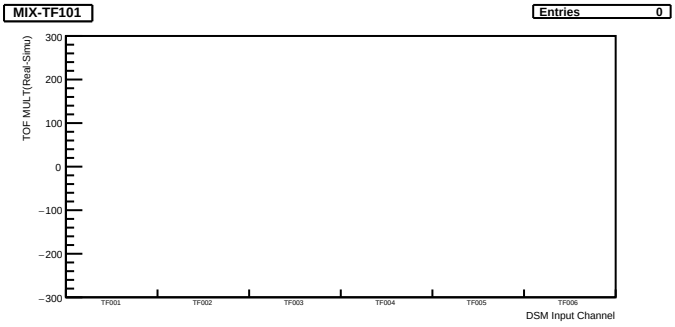

MIX-TF003
Entries 6418860
TOF MULT
TOF tray

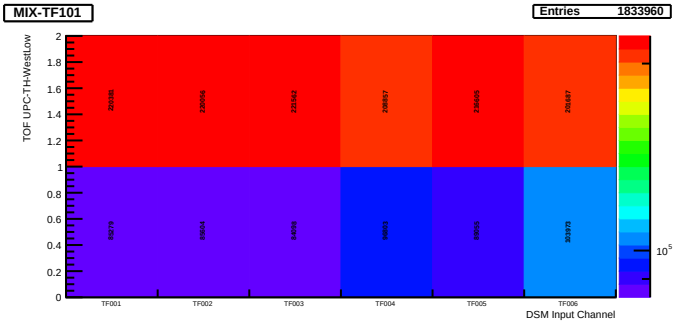

MIX-TF004
Entries 6418860
TOF MULT
TOF tray

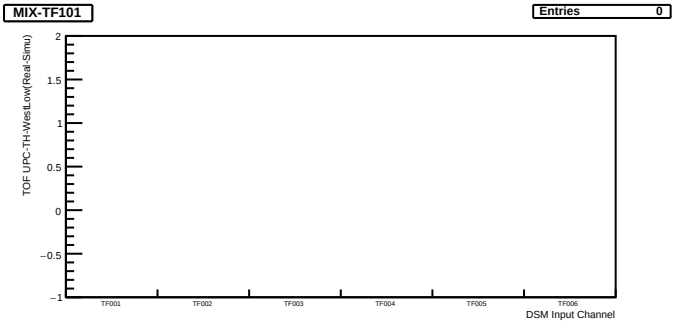

MIX-TF005
Entries 6418860
TOF MULT
TOF tray

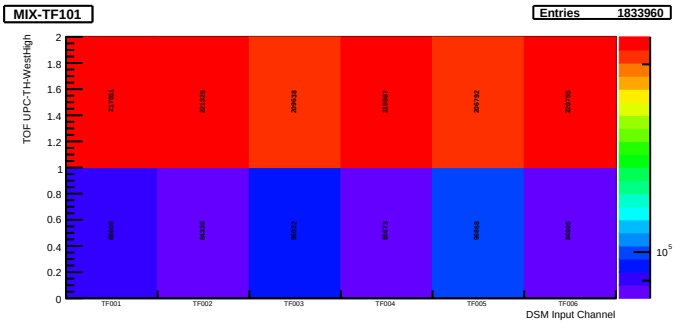

MIX-TF006
Entries 6418860
TOF MULT
TOF tray

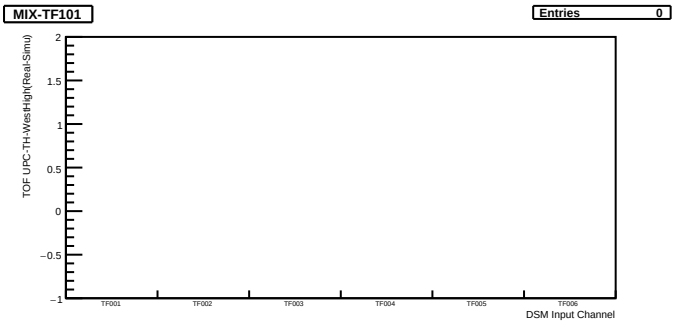

MIX-TF101
Entries 1833960
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

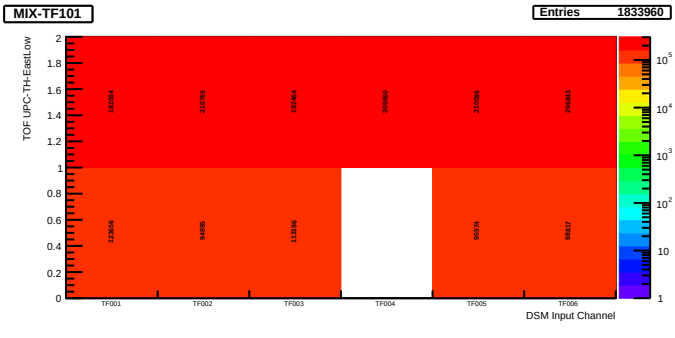

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

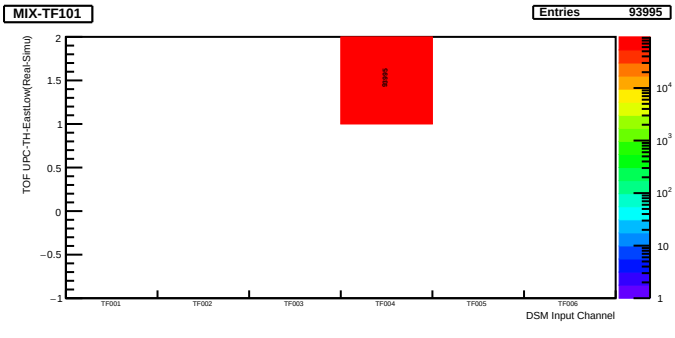

MIX-TF101
Entries 1833960
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

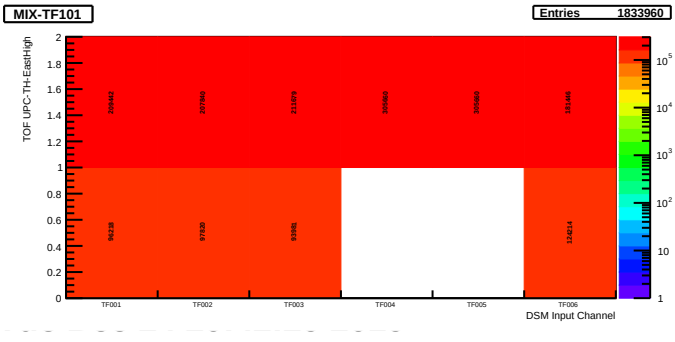

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

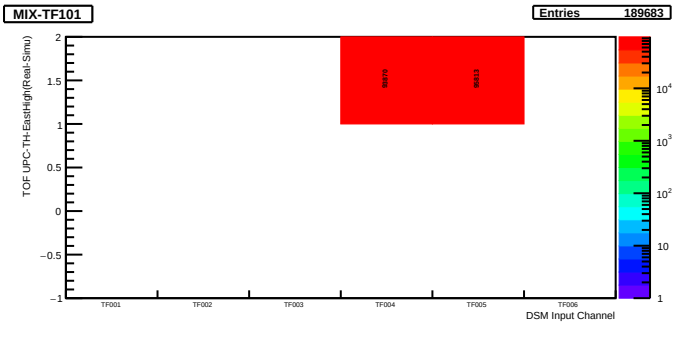

MIX-TF101
Entries 1833960
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

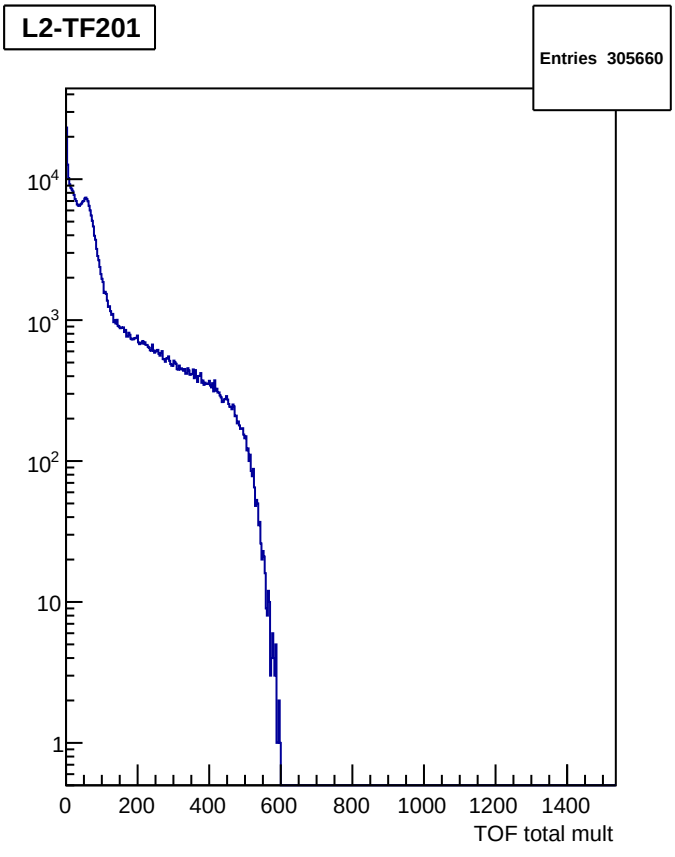

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

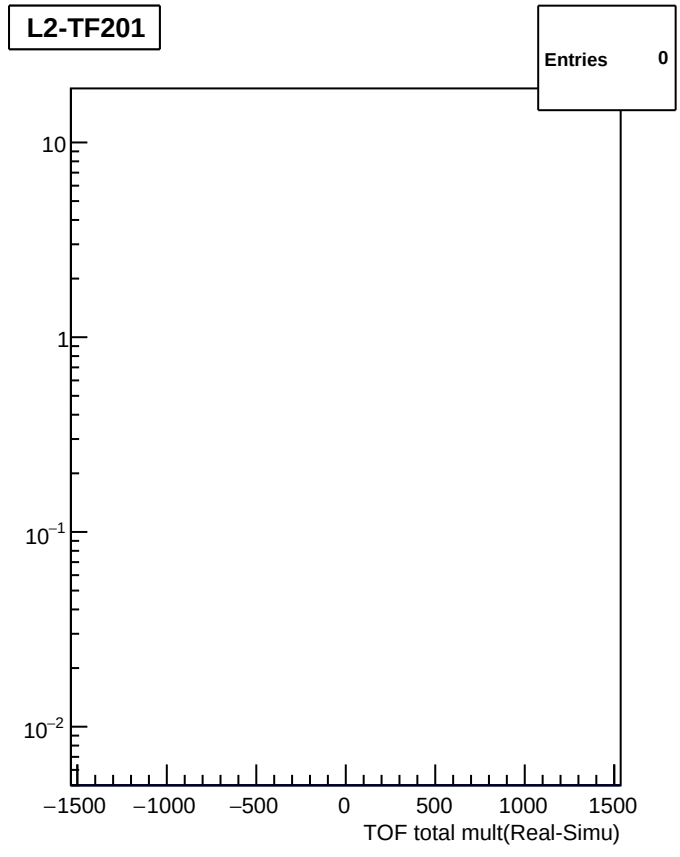

MIX-TF101
Entries 1833960
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

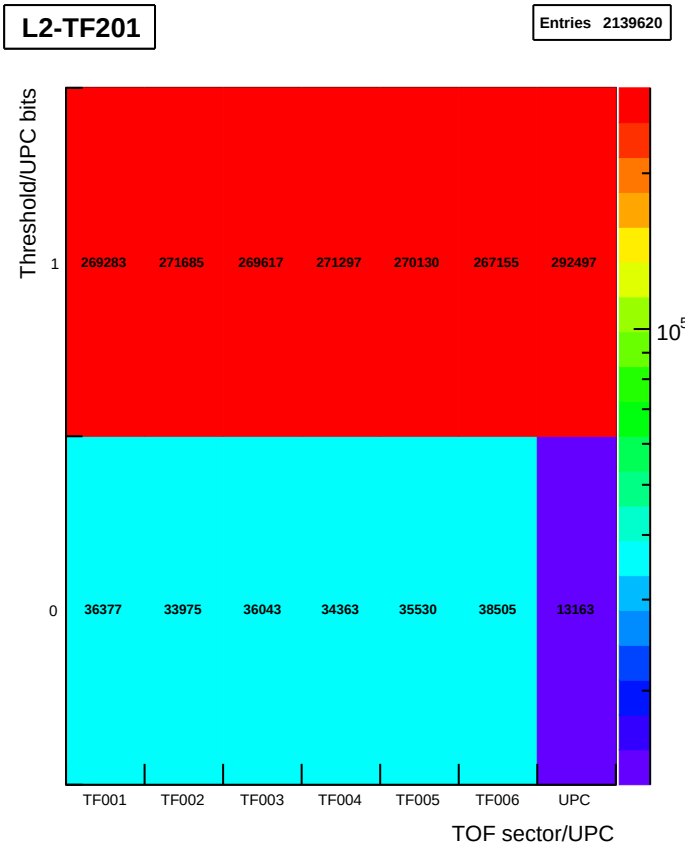

MIX-TF101
Entries 93995
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

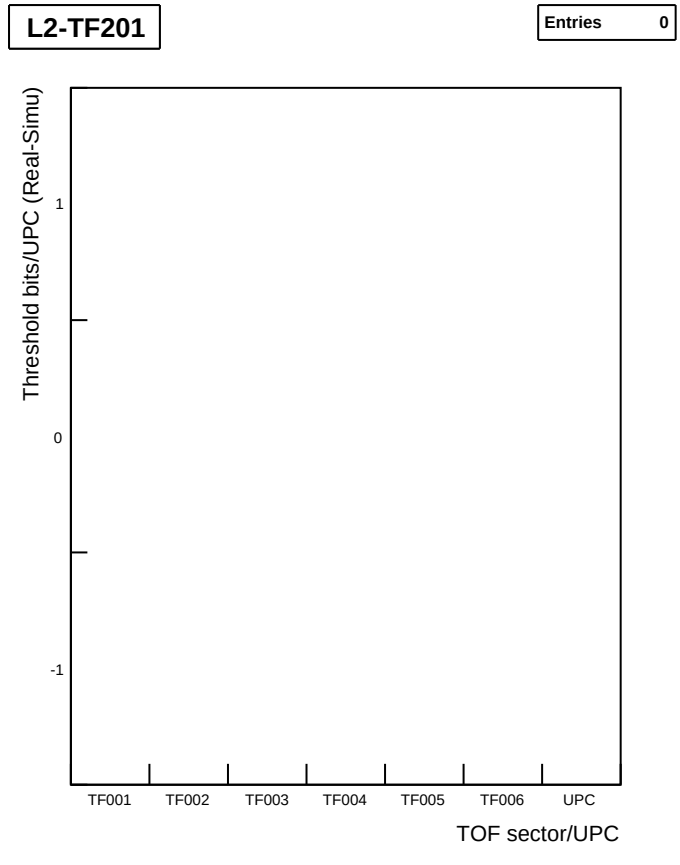

MIX-TF101
Entries 1833960
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

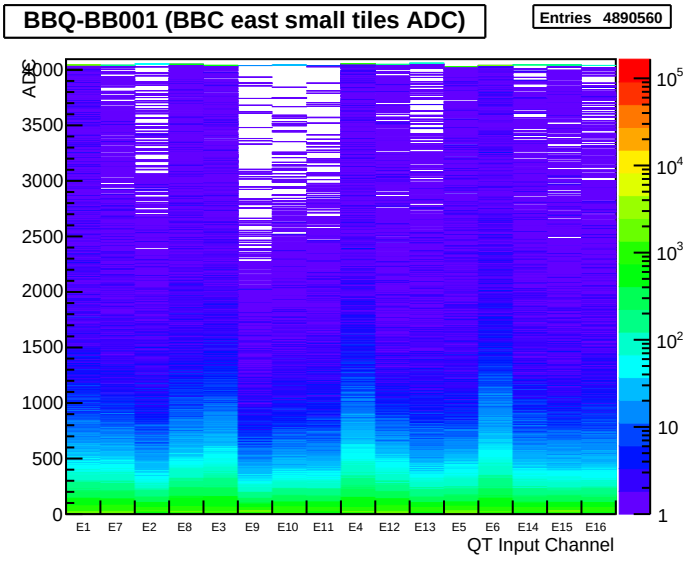

MIX-TF101
Entries 189683
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

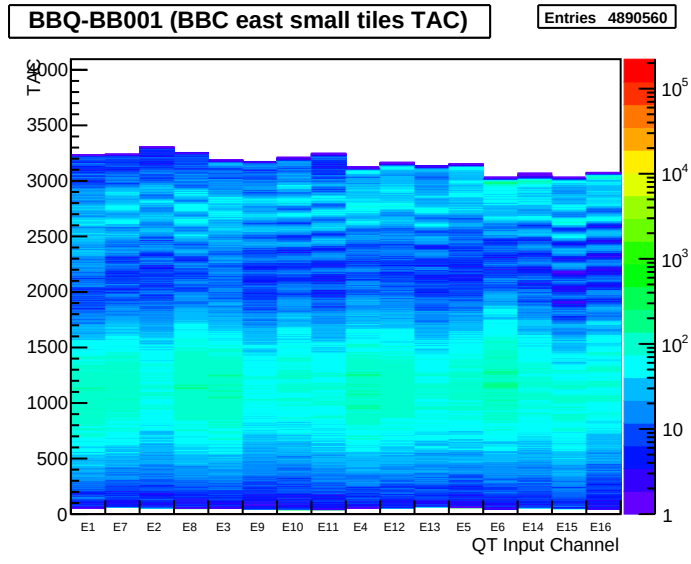

L2-TF201
Entries 305660
TOF total mult

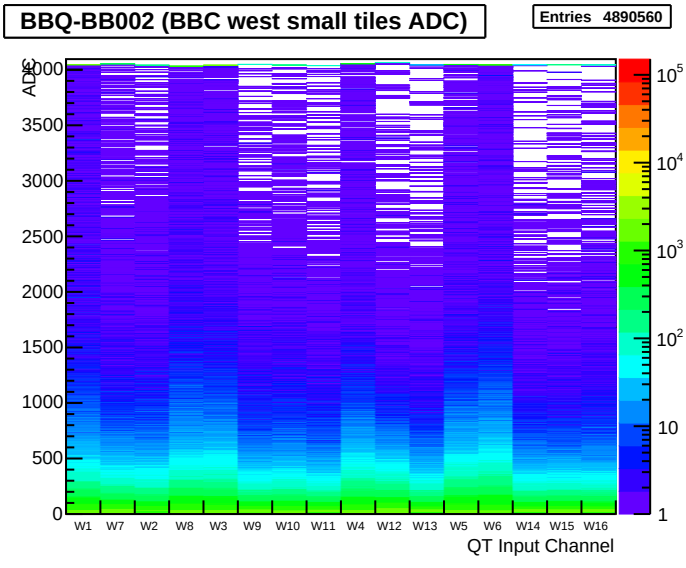

L2-TF201
Entries 0
TOF total mult(Real-Simu)

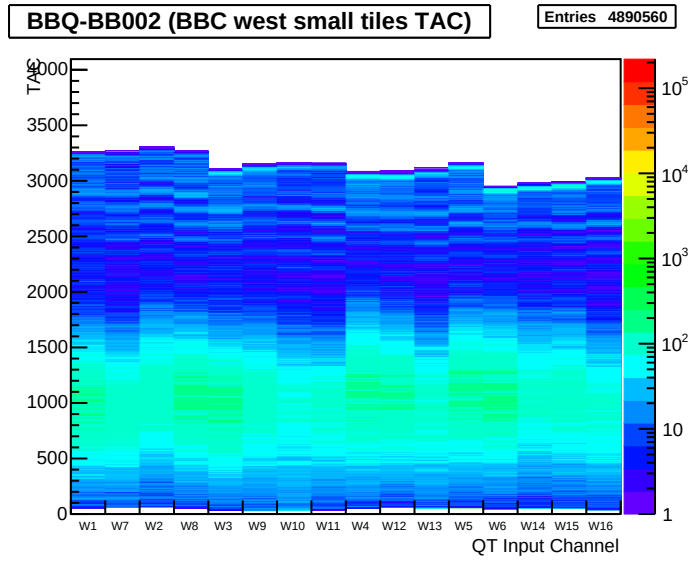

L2-TF201
Entries 2139620
Threshold/UPC bits
269283 271685 269617 271297 270130 267155 292497
36377 33975 36043 34363 35530 38505 13163
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

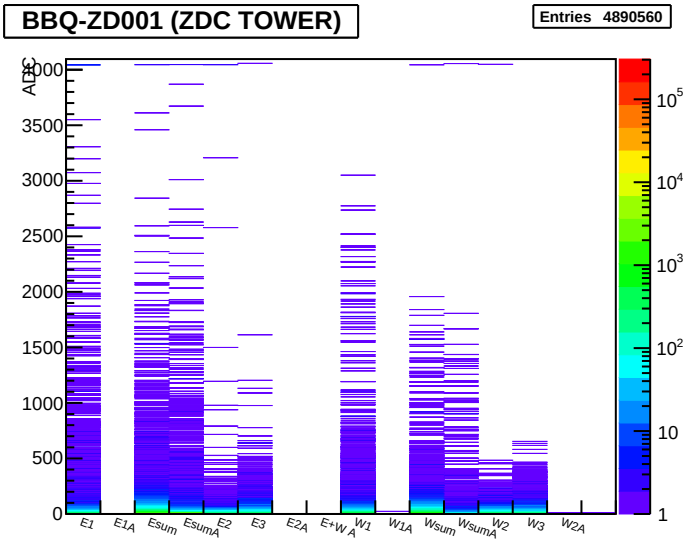

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

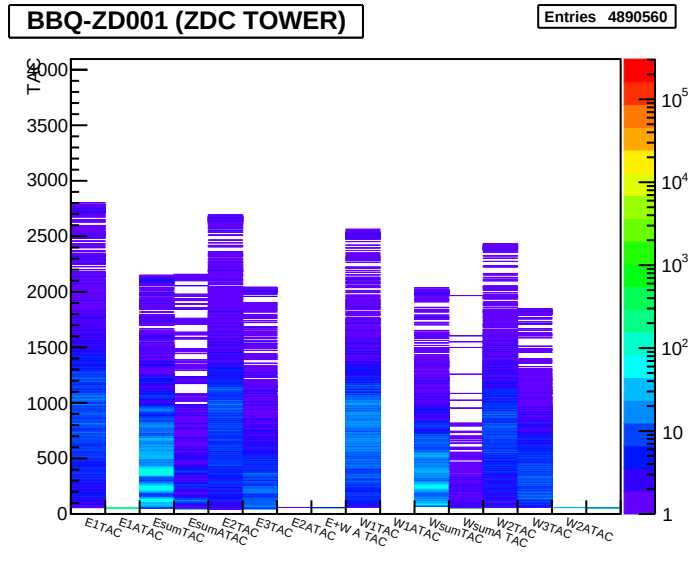

BBQ-BB001 (BBC east small tiles ADC)
Entries 4890560
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

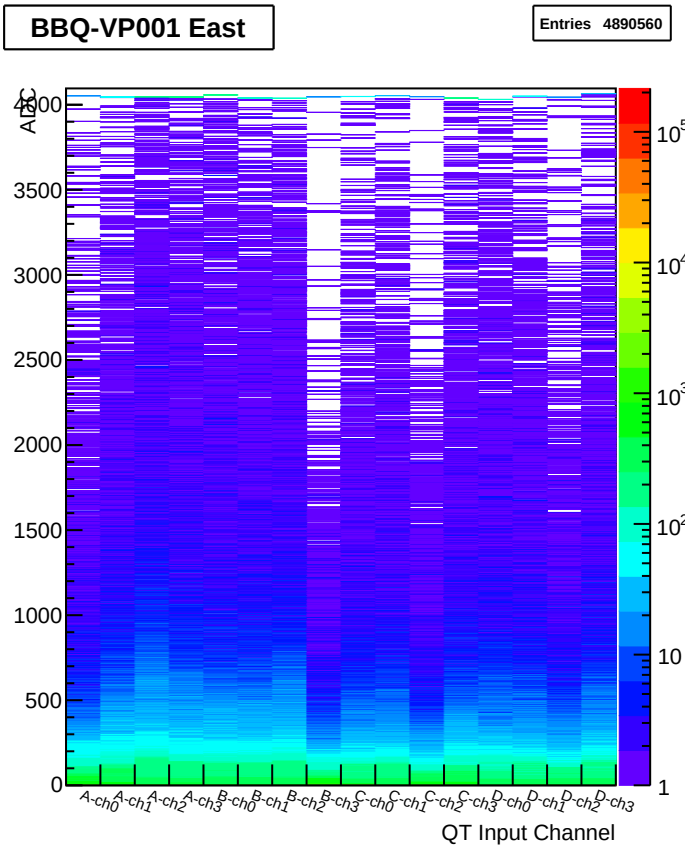

BBQ-BB001 (BBC east small tiles TAC)
Entries 4890560
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

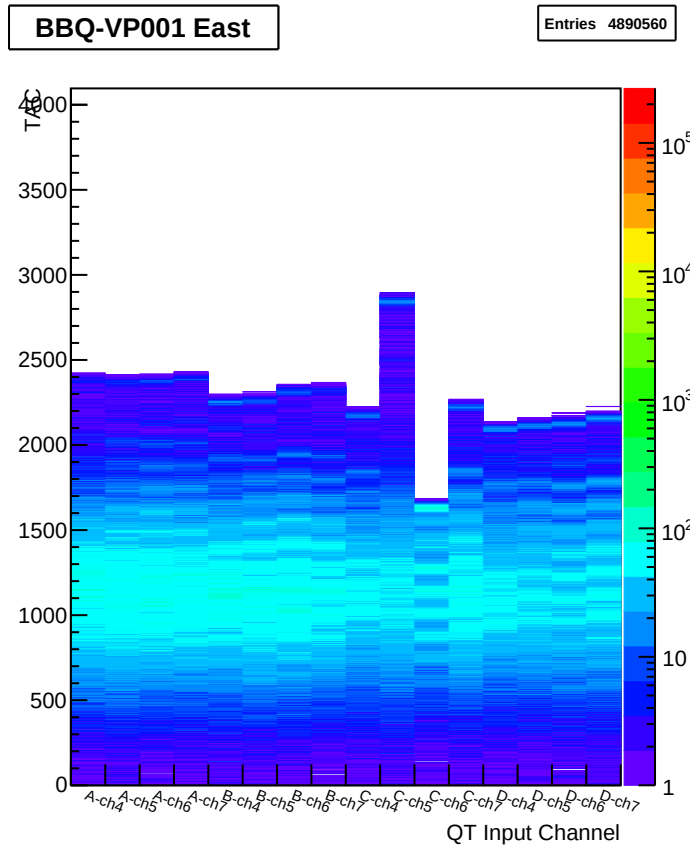

BBQ-BB002 (BBC west small tiles ADC)
Entries 4890560
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

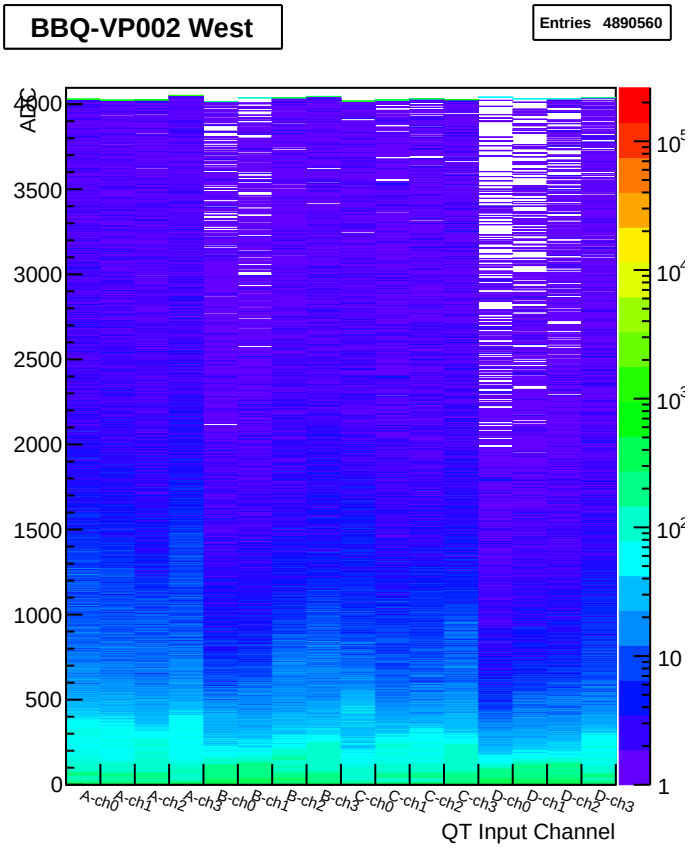

BBQ-BB002 (BBC west small tiles TAC)
Entries 4890560
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

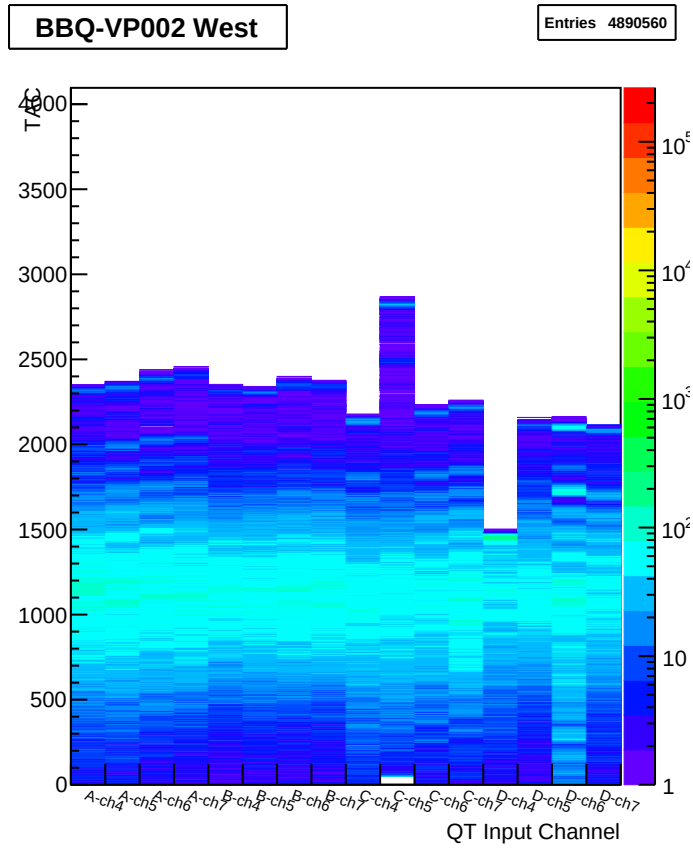

BBQ-ZD001 (ZDC TOWER)
Entries 4890560
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

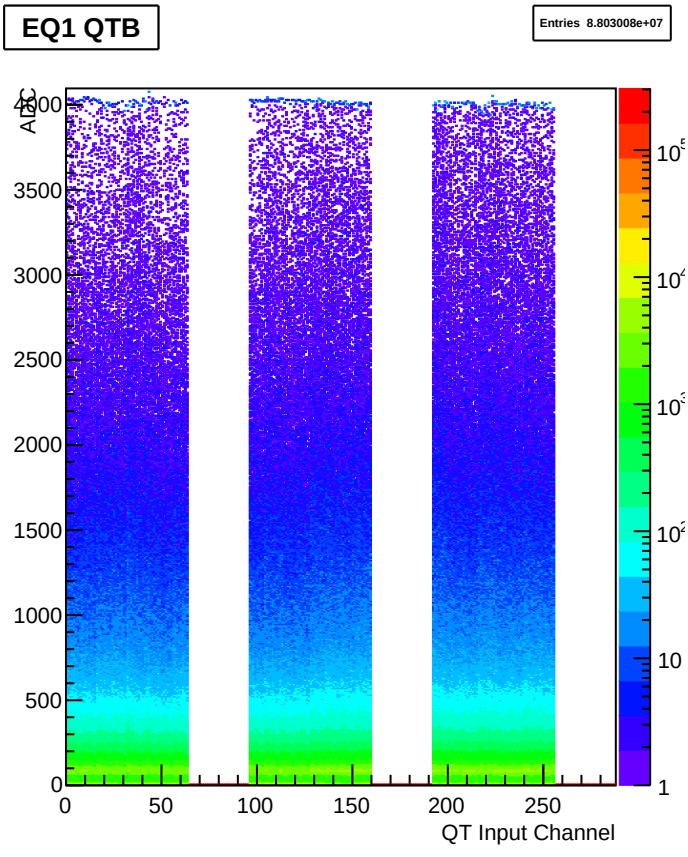

BBQ-ZD001 (ZDC TOWER)
Entries 4890560
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

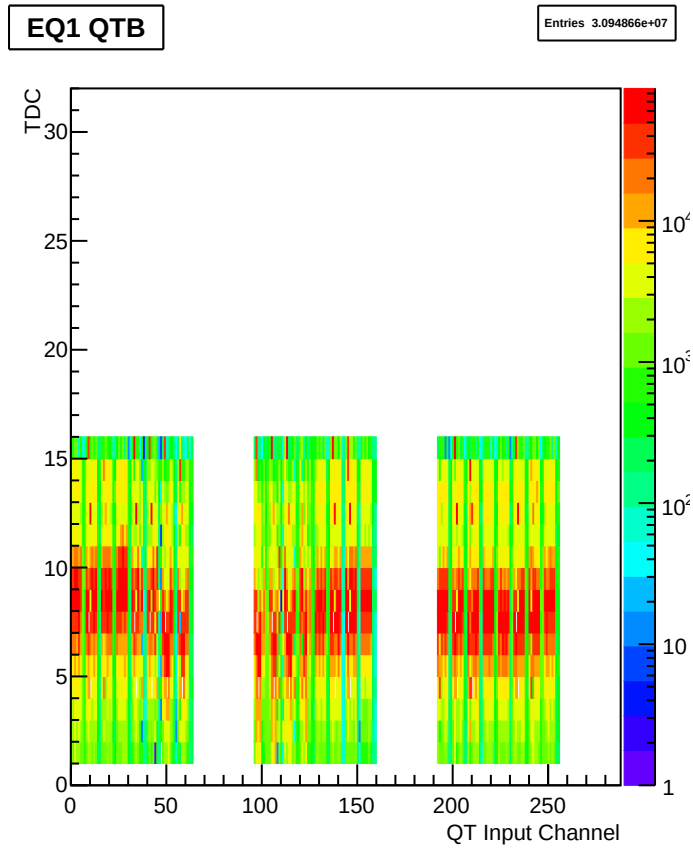

BBQ-VP001 East
Entries 4890560
ADC
QT Input Channel

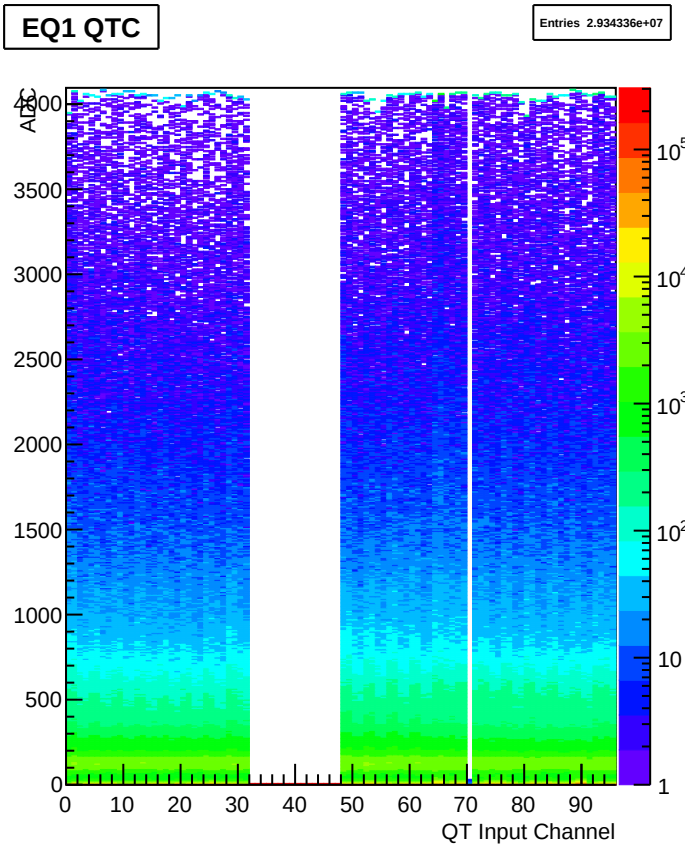

BBQ-VP001 East
Entries 4890560
TADC
QT Input Channel

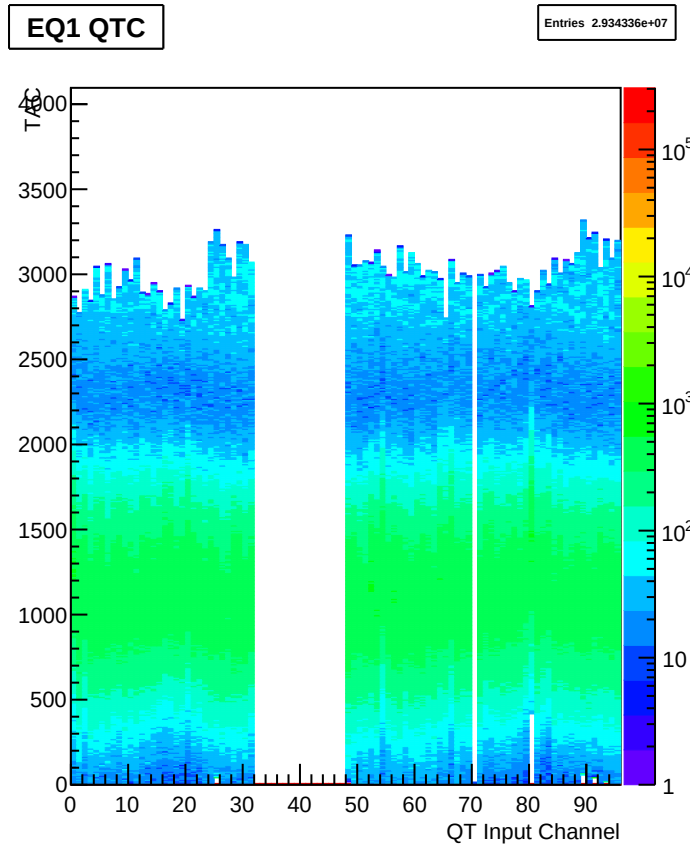

BBQ-VP002 West
Entries 4890560
ADC
QT Input Channel

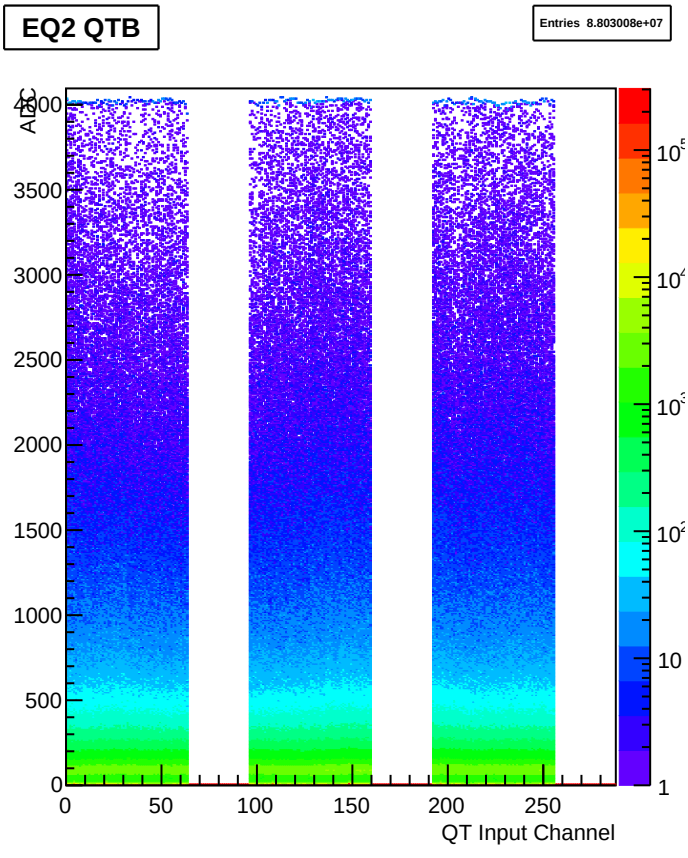

BBQ-VP002 West
Entries 4890560
TADC
QT Input Channel

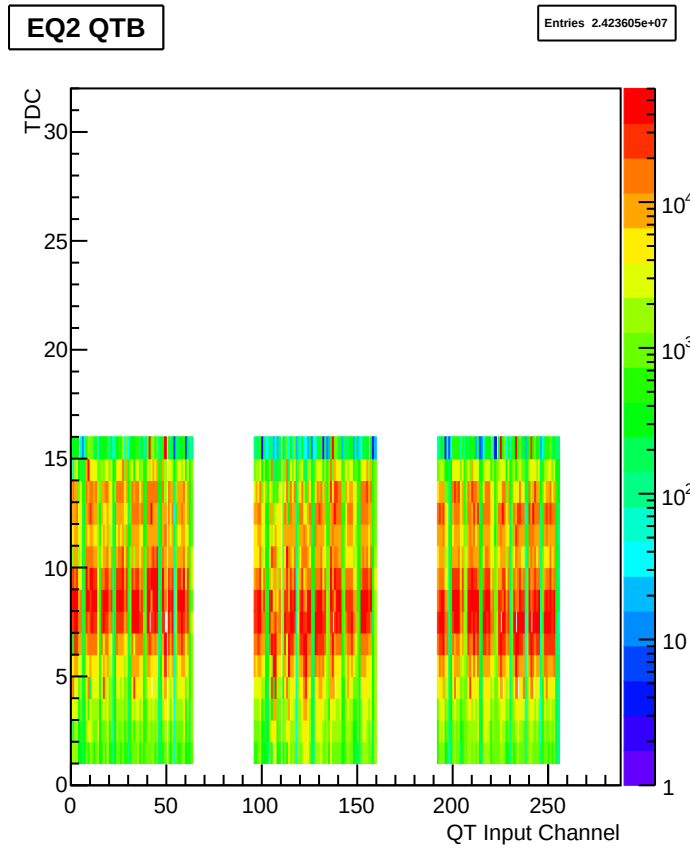

EQ1 QTB
Entries 8.803008e+07
ADC
QT Input Channel

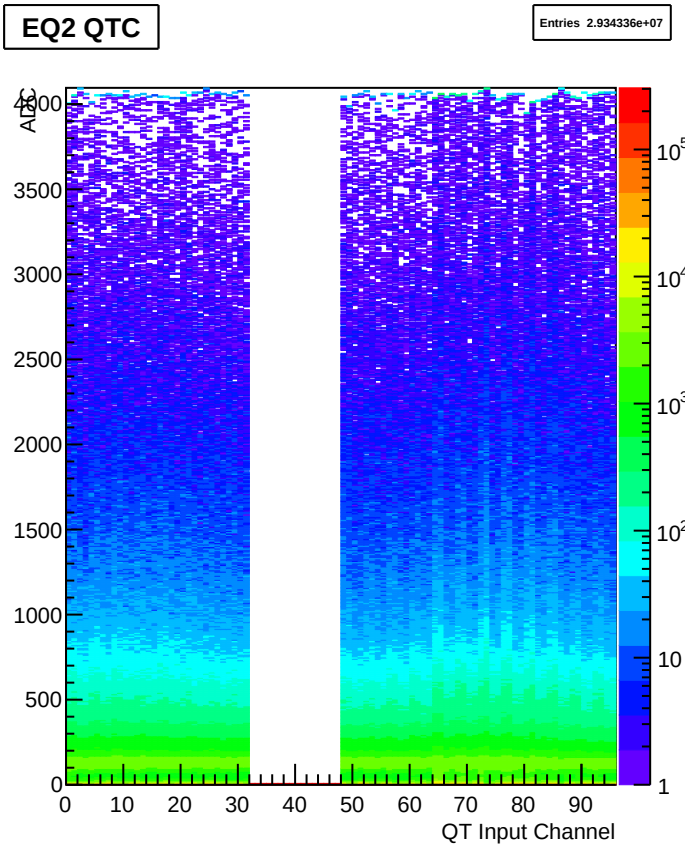

EQ1 QTB
Entries 3.094866e+07
TDC
QT Input Channel

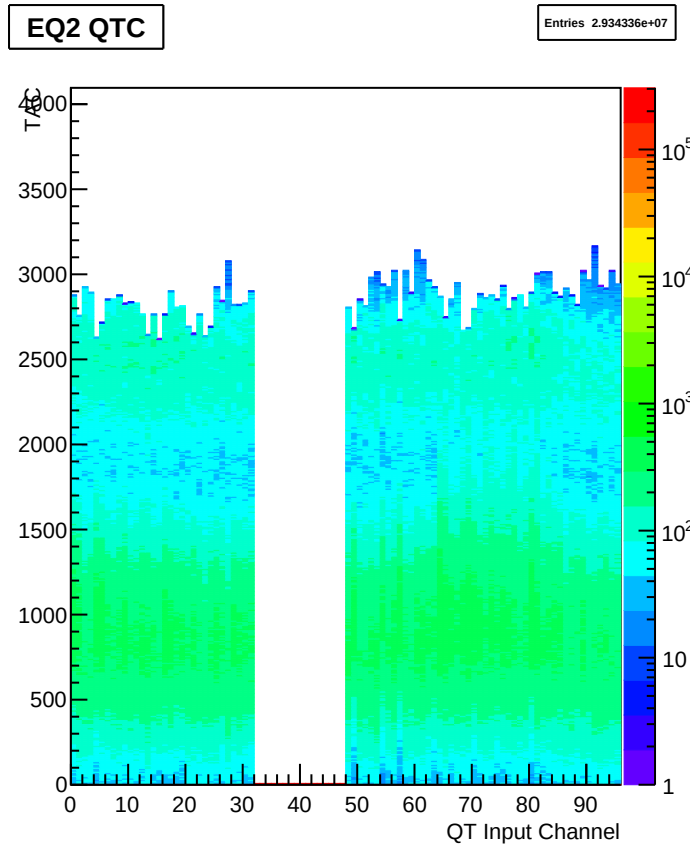

EQ1 QTC
Entries 2.934336e+07
ADC
QT Input Channel

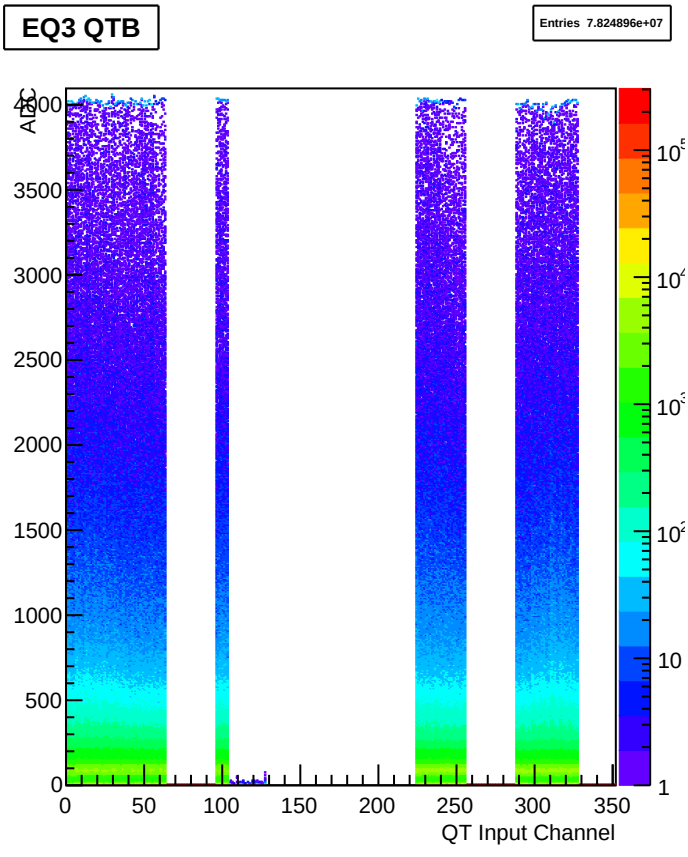

EQ1 QTC
Entries 2.934336e+07
TADC
QT Input Channel

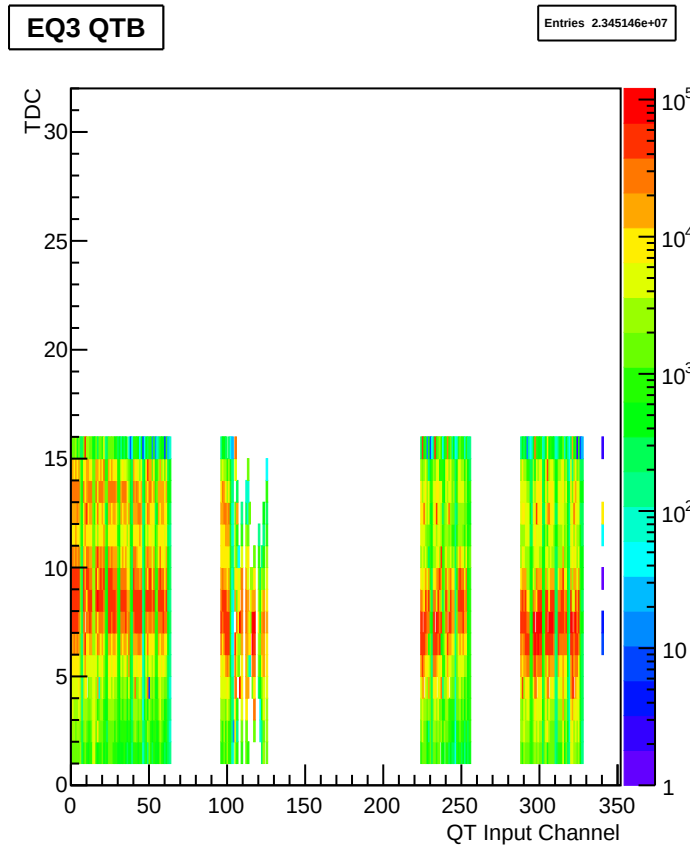

EQ2 QTB
Entries 8.803008e+07
ADC
QT Input Channel

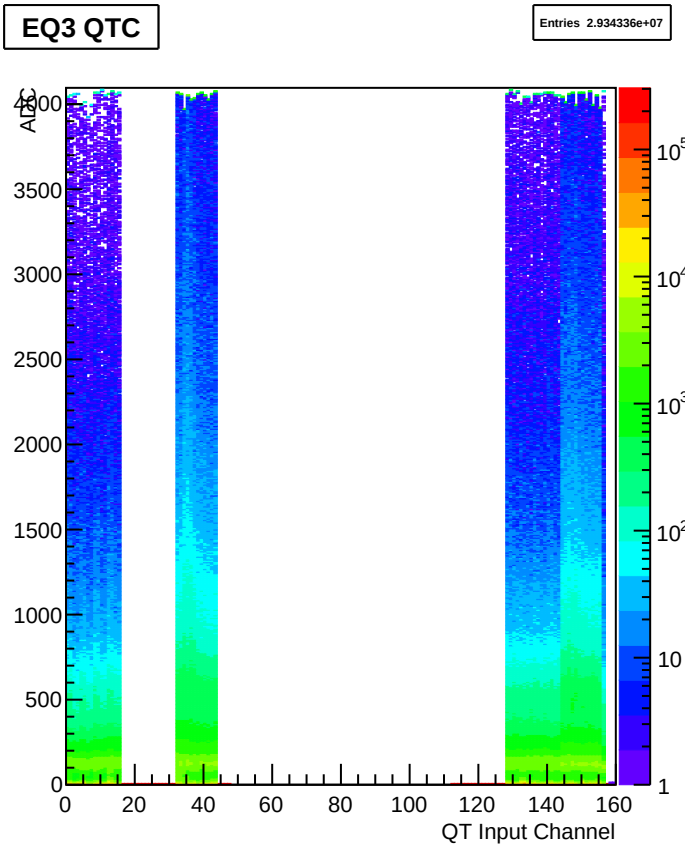

EQ2 QTB
Entries 2.423605e+07
TDC
QT Input Channel

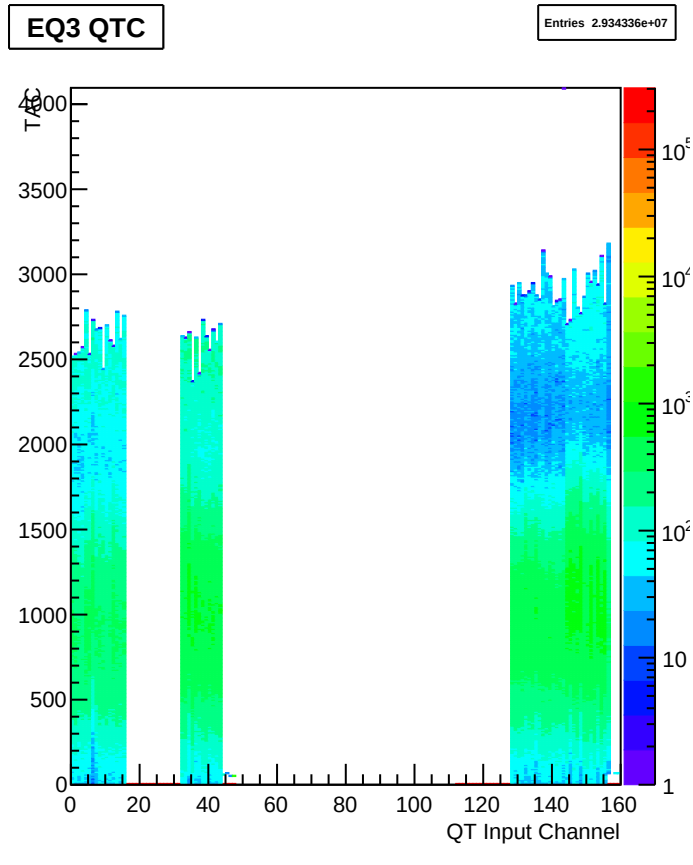

EQ2 QTC
Entries 2.934336e+07
ADC
QT Input Channel

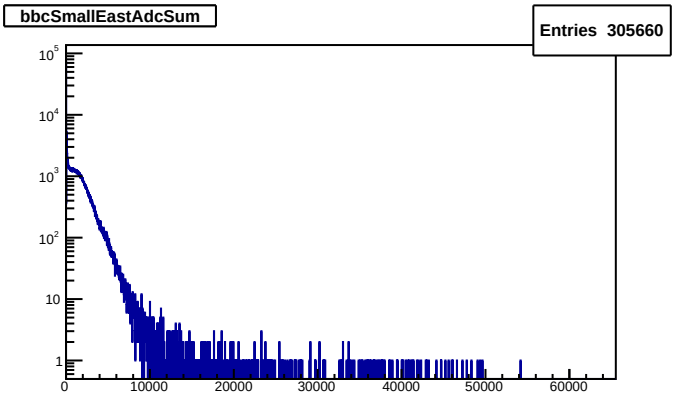

EQ2 QTC
Entries 2.934336e+07
TADC
QT Input Channel

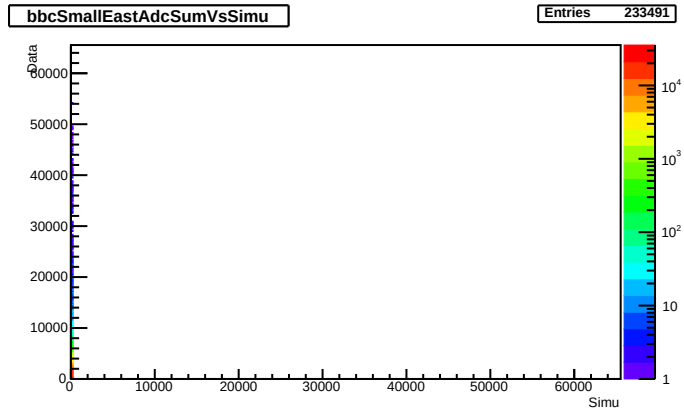

EQ3 QTB
Entries 7.824896e+07
ADC
QT Input Channel

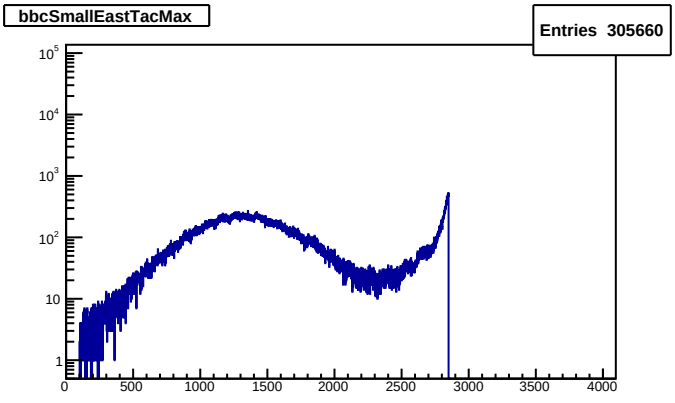

EQ3 QTB
Entries 2.345146e+07
TDC
QT Input Channel

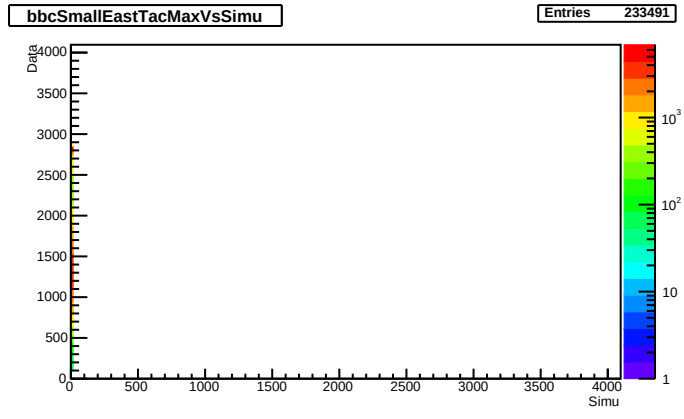

EQ3 QTC
Entries 2.934336e+07
ADC
QT Input Channel

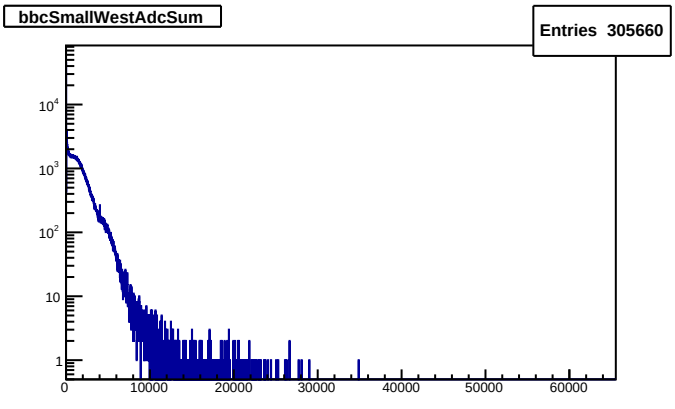

EQ3 QTC
Entries 2.934336e+07
TADC
QT Input Channel

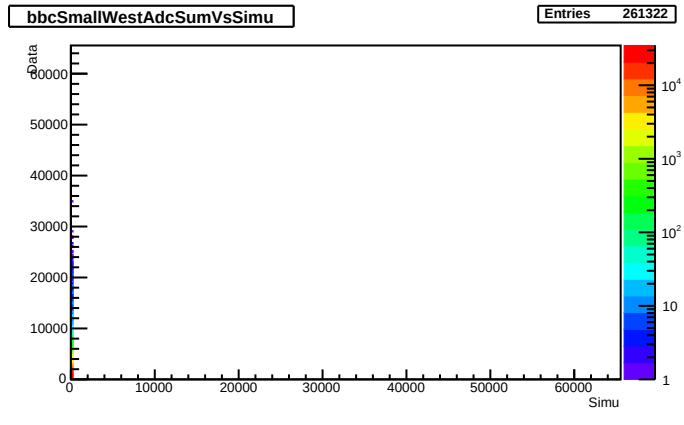

bbcSmallEastAdcSum
Entries 305660

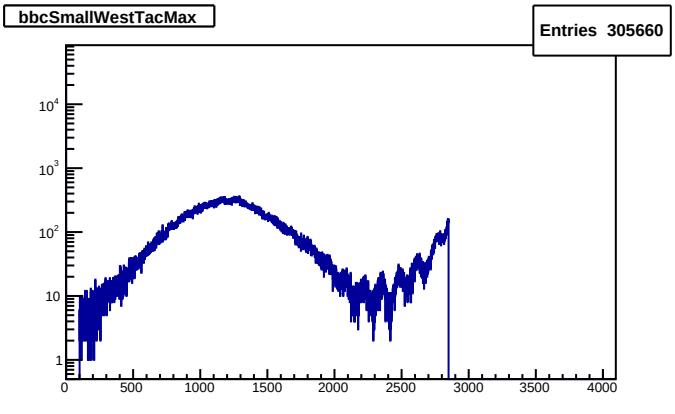

bbcSmallEastAdcSumVsSimu
Entries 233491
Data
Simu

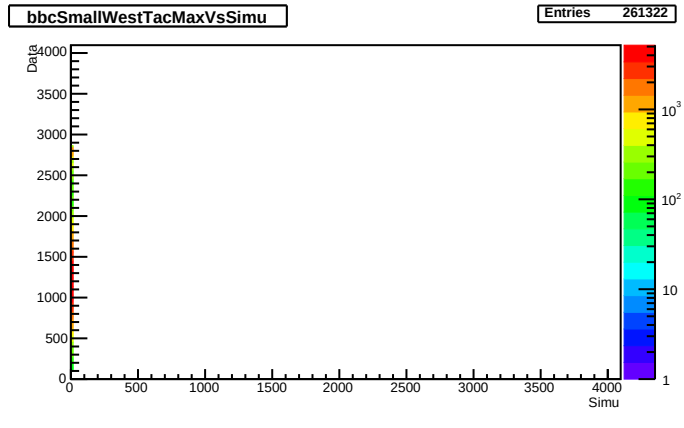

bbcSmallEastTacMax
Entries 305660

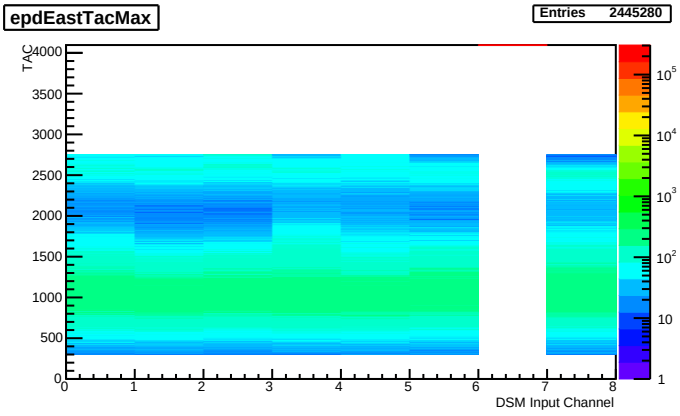

bbcSmallEastTacMaxVsSimu
Entries 233491
Data
Simu

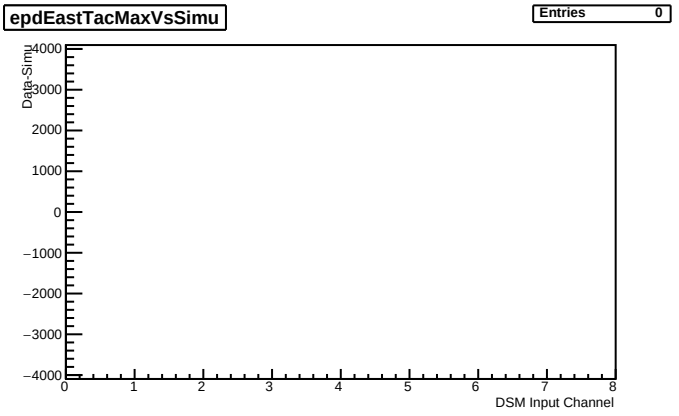

bbcSmallWestAdcSum
Entries 305660

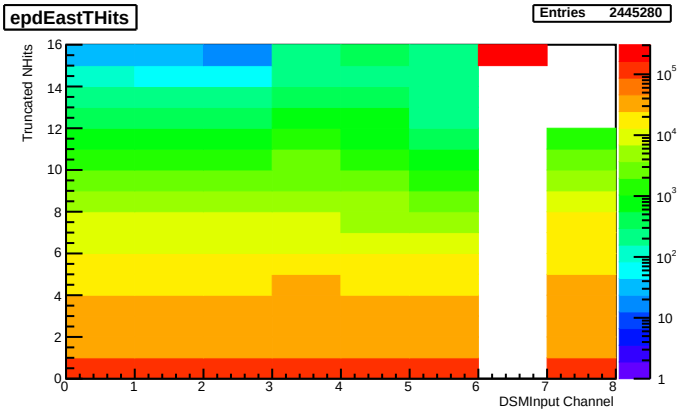

bbcSmallWestAdcSumVsSimu
Entries 261322
Data
Simu

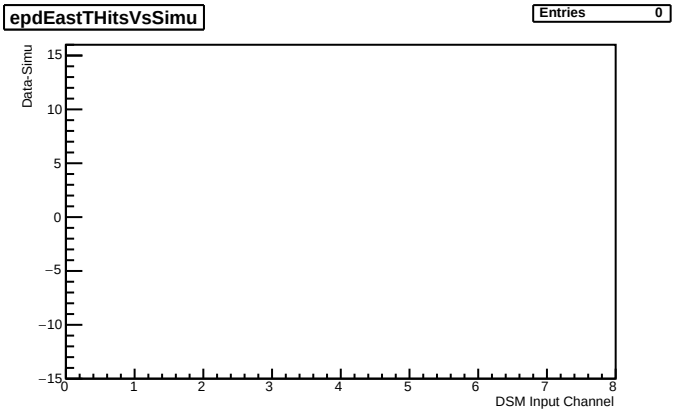

bbcSmallWestTacMax
Entries 305660

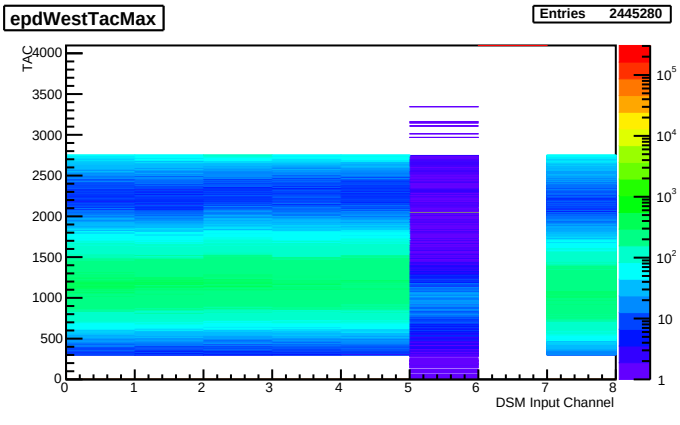

bbcSmallWestTacMaxVsSimu
Entries 261322
Data
Simu

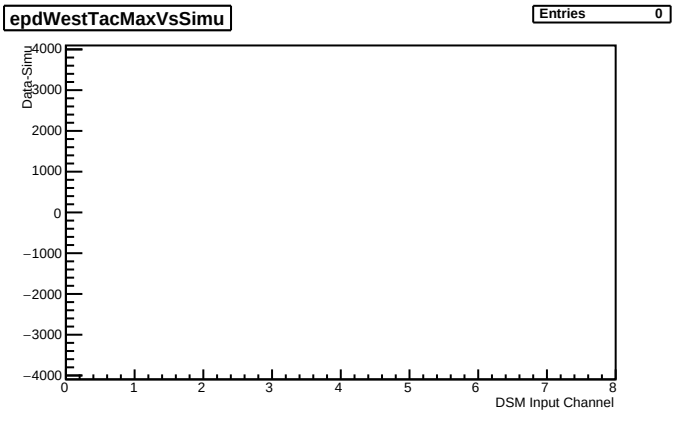

epdEastTacMax
Entries 2445280
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2445280
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2445280
TAC
DSM Input Channel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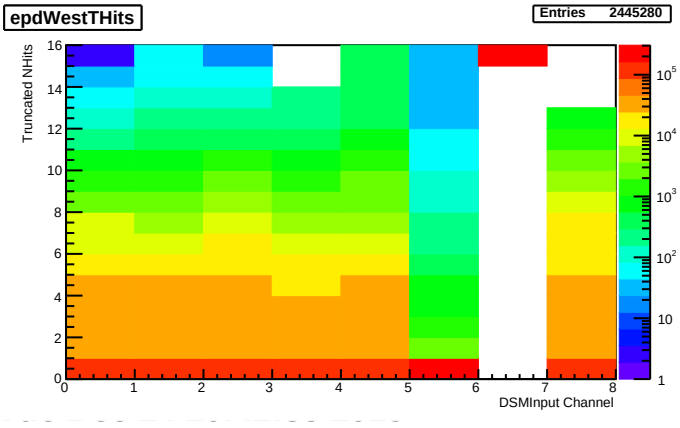
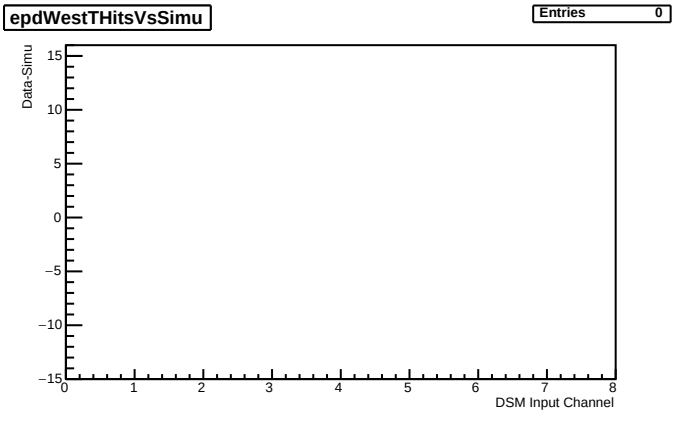
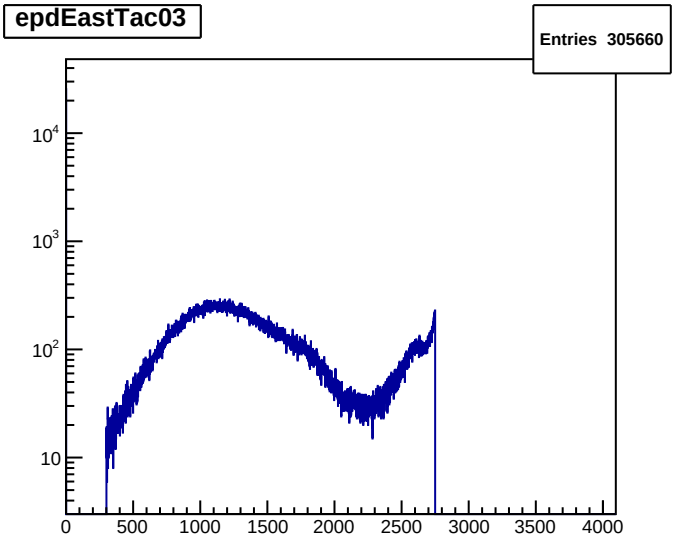
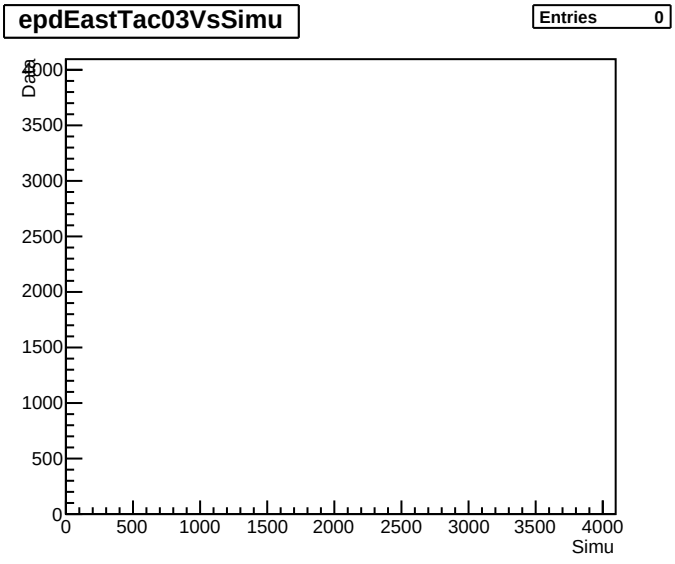
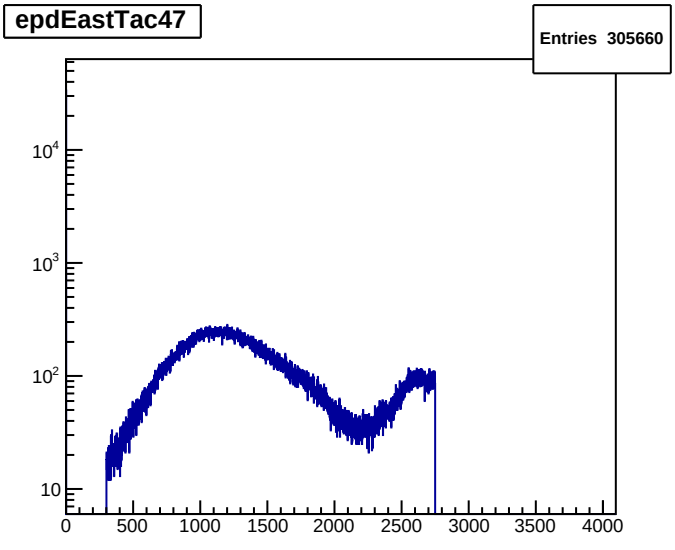
Entries 0
Data-Simu
DSM Input Channel

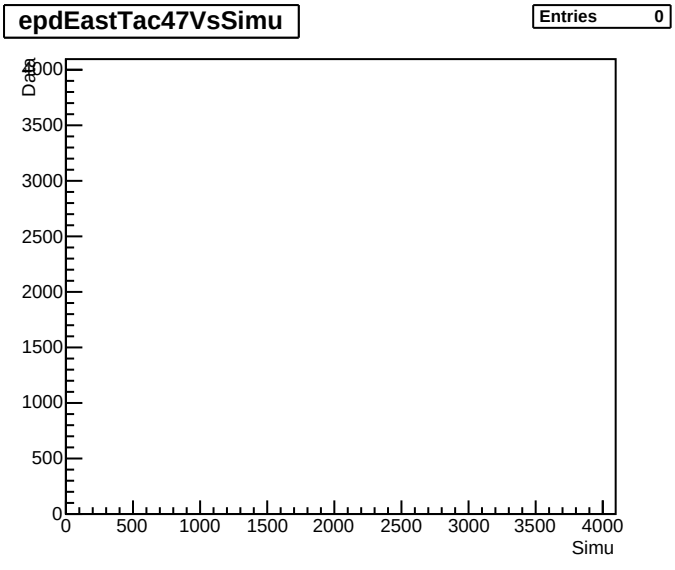

epdWestTHits
Entries 2445280
Truncated NHits
DSMInput Channel

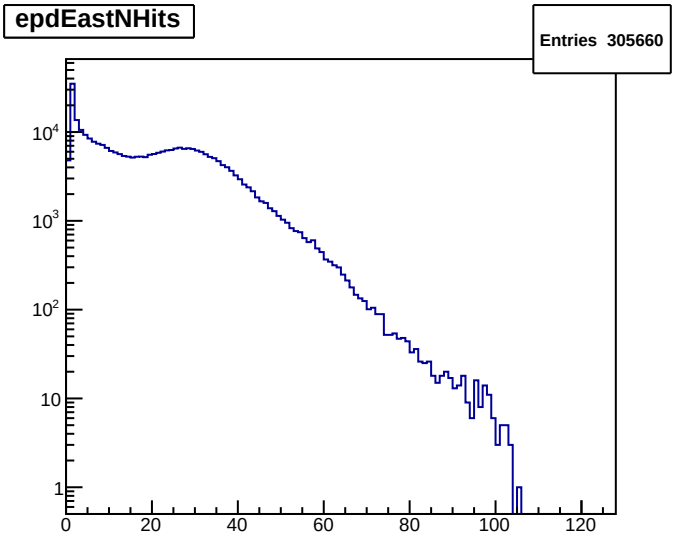

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

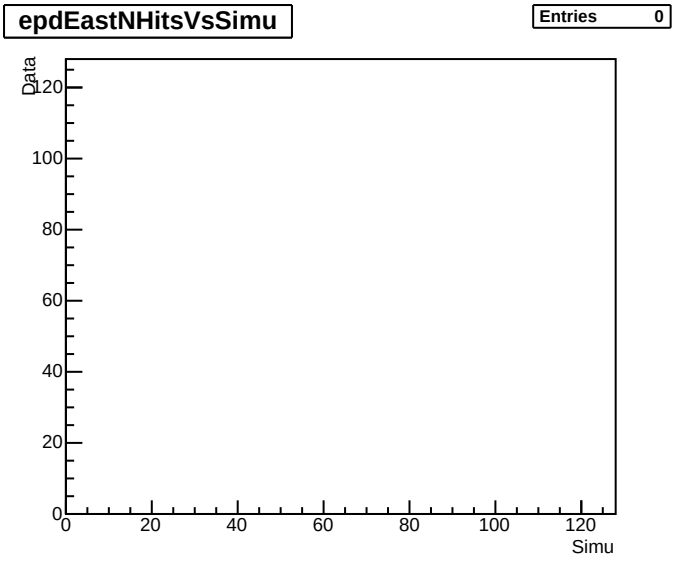

epdEastTac03
Entries 305660

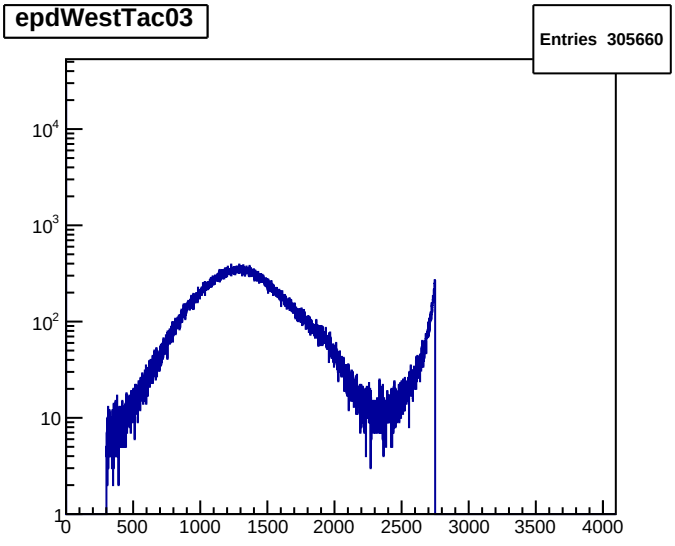

epdEastTac03VsSimu
Entries 0
Data
Simu

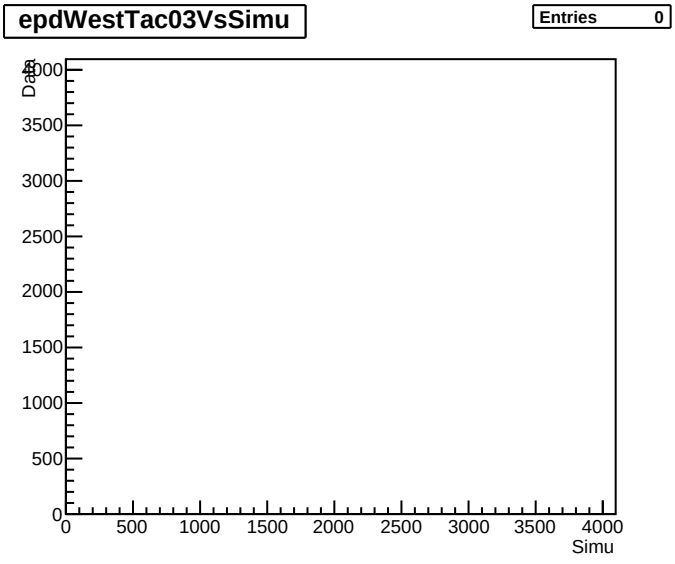

epdEastTac47
Entries 305660

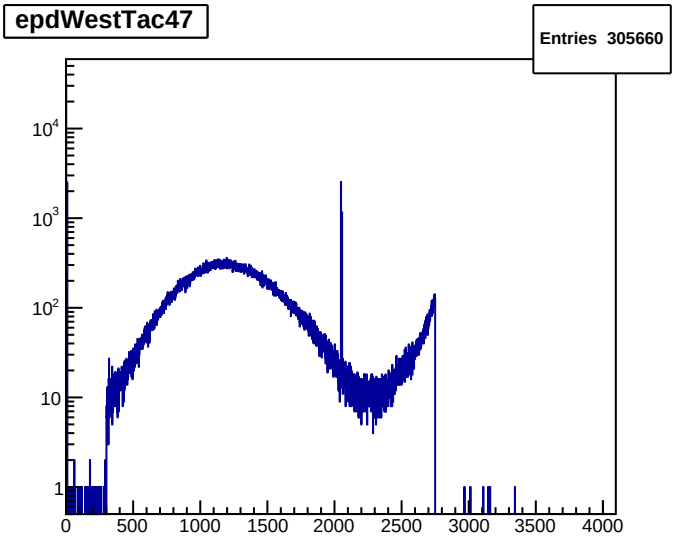

epdEastTac47VsSimu
Entries 0
Data
Simu

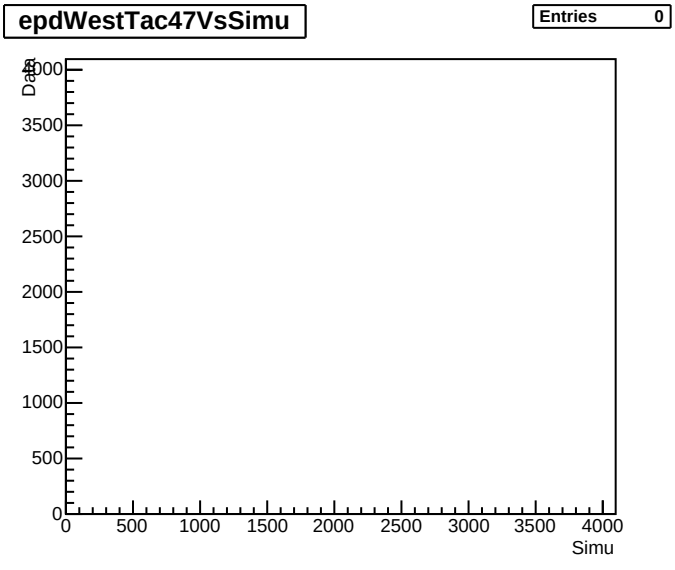

epdEastNHits
Entries 305660


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 305660


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 305660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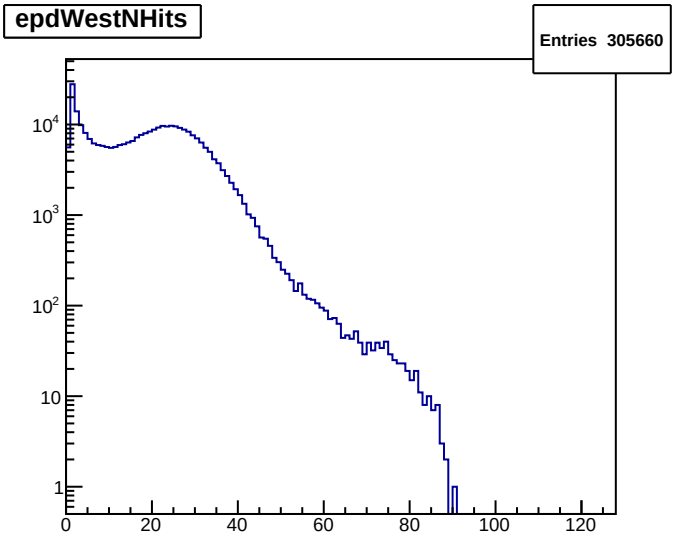
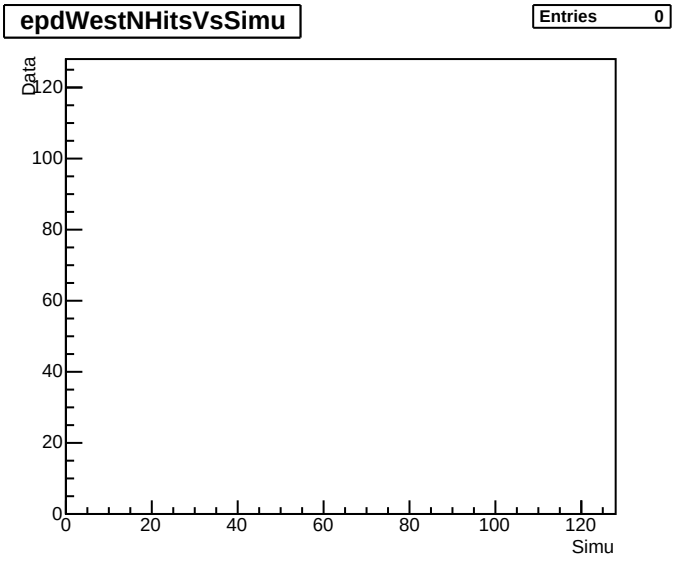
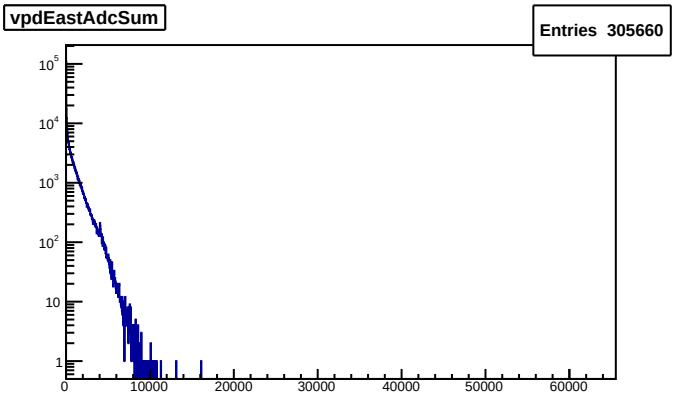
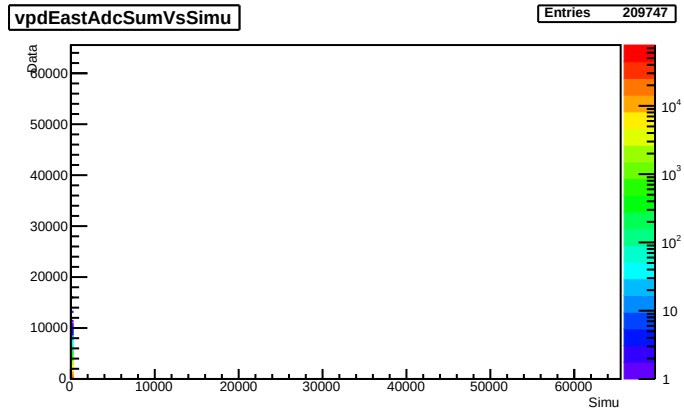
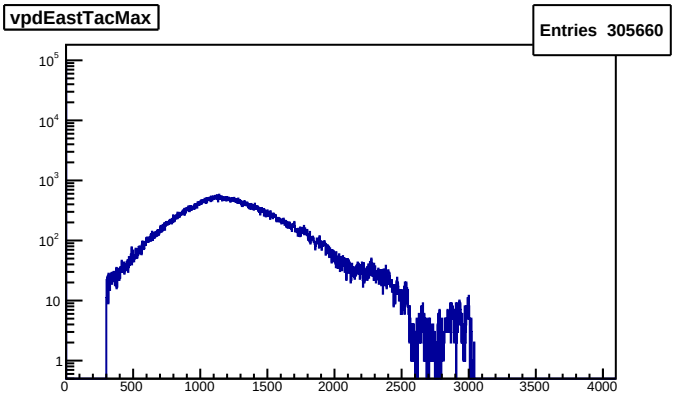
Entries 0
Data
Simu

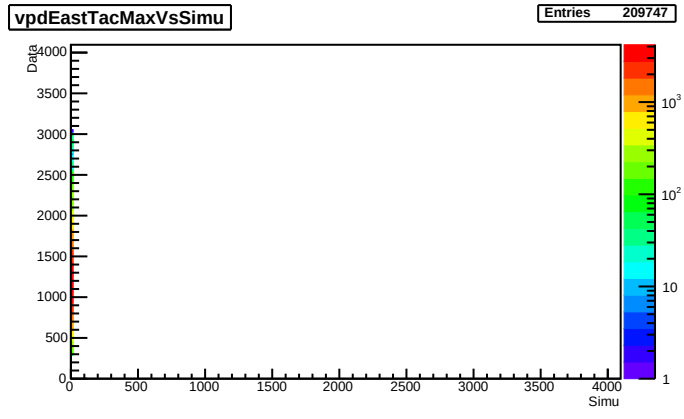

epdWestNHits
Entries 305660

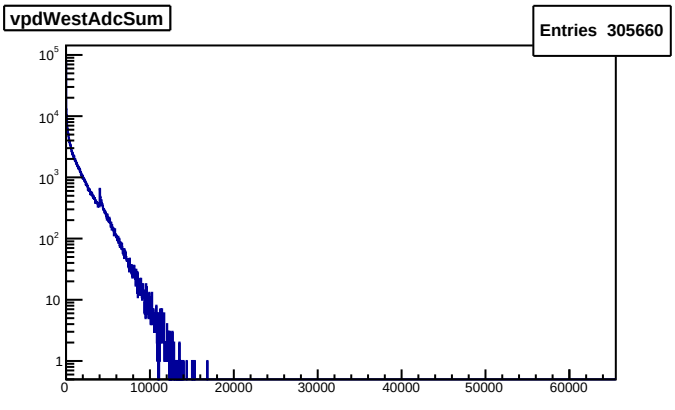

epdWestNHitsVsSimu
Entries 0
Data
Simu

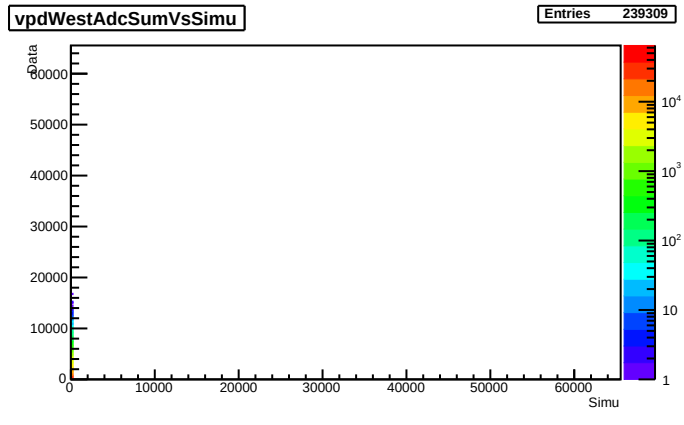

vpdEastAdcSum
Entries 305660

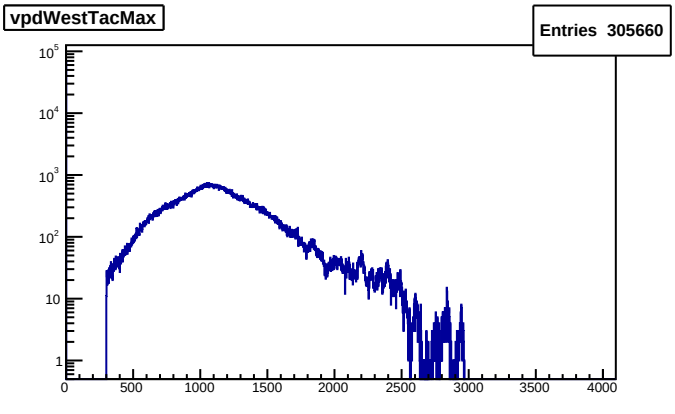

vpdEastAdcSumVsSimu
Entries 209747
Data
Simu

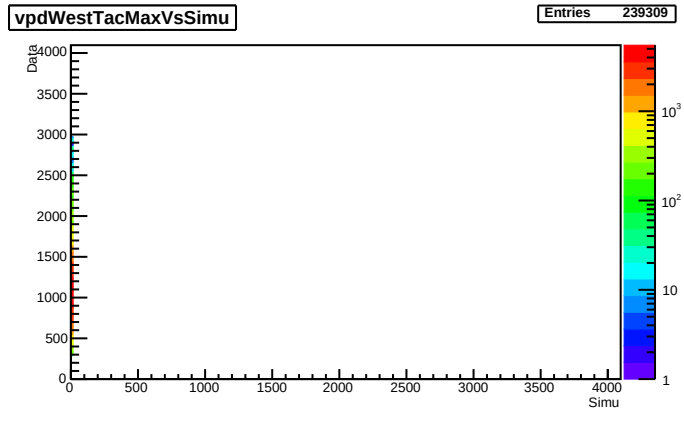

vpdEastTacMax
Entries 305660

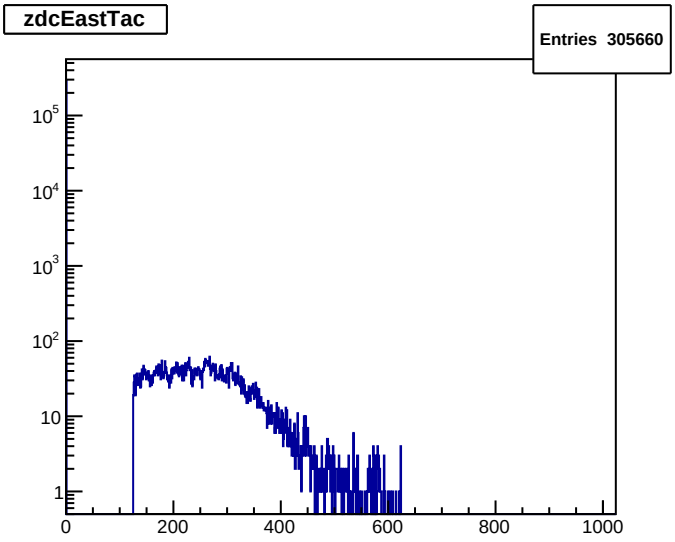

vpdEastTacMaxVsSimu
Entries 209747
Data
Simu

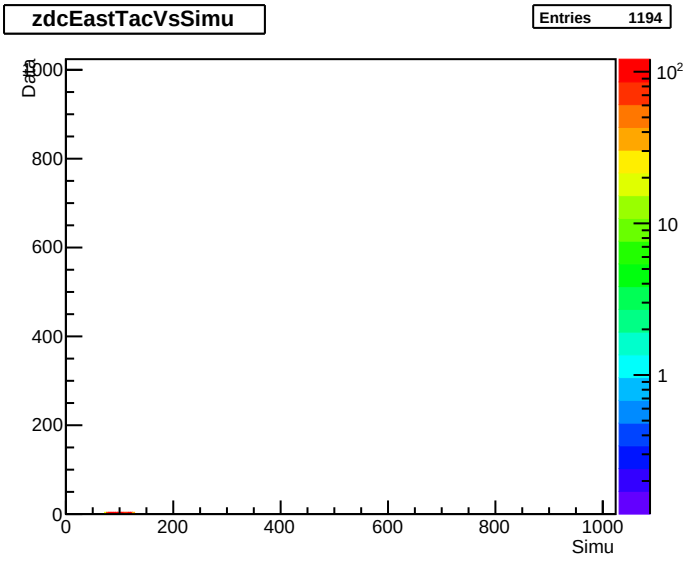

vpdWestAdcSum
Entries 305660

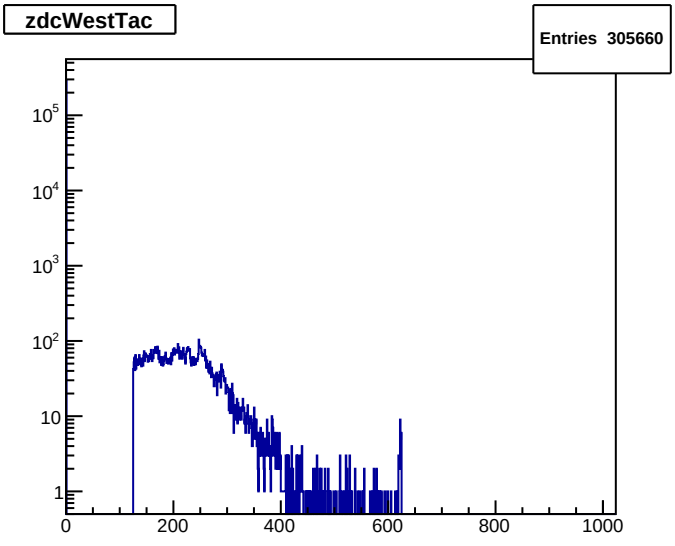

vpdWestAdcSumVsSimu
Entries 239309
Data
Simu

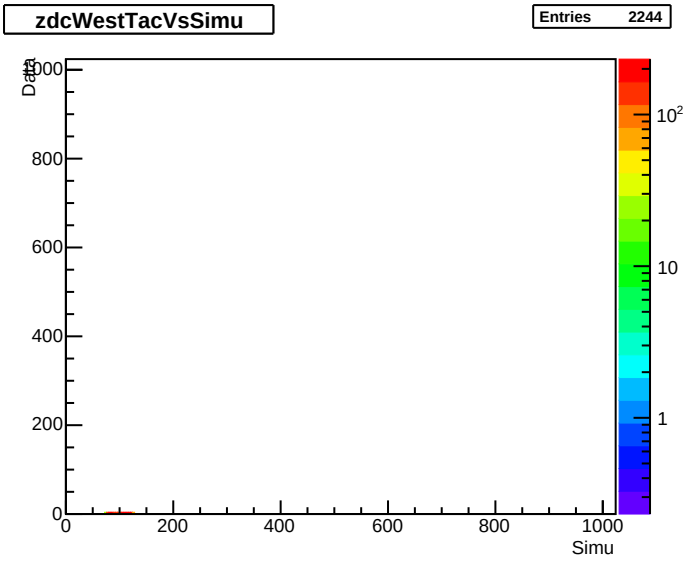

vpdWestTacMax
Entries 305660

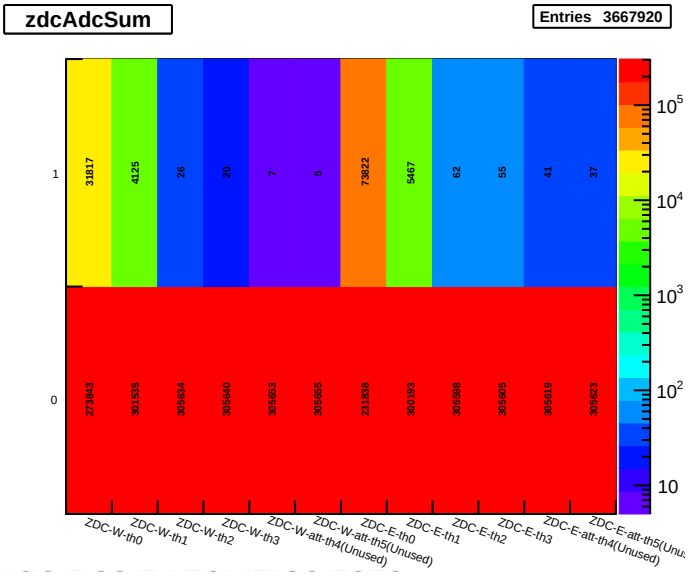

vpdWestTacMaxVsSimu
Entries 239309
Data
Simu

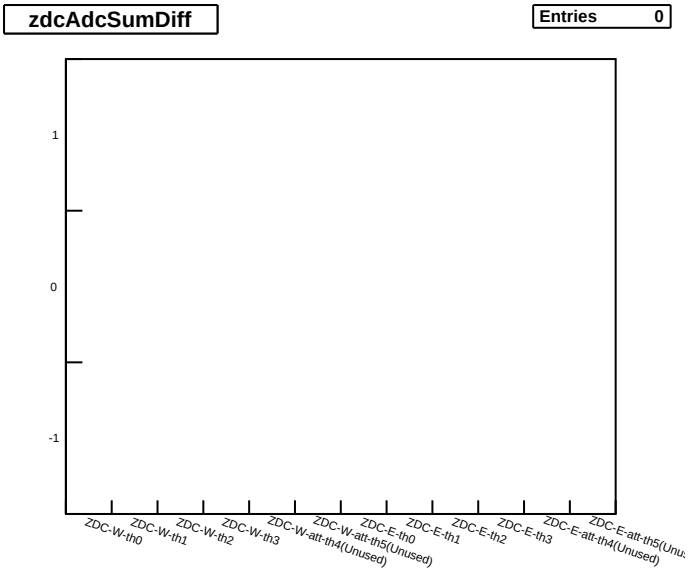

zdcEastTac
Entries 305660

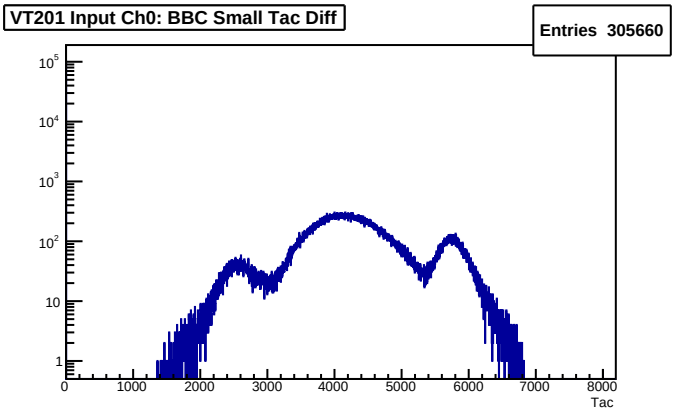

zdcEastTacVsSimu
Entries 1194
Data
Simu

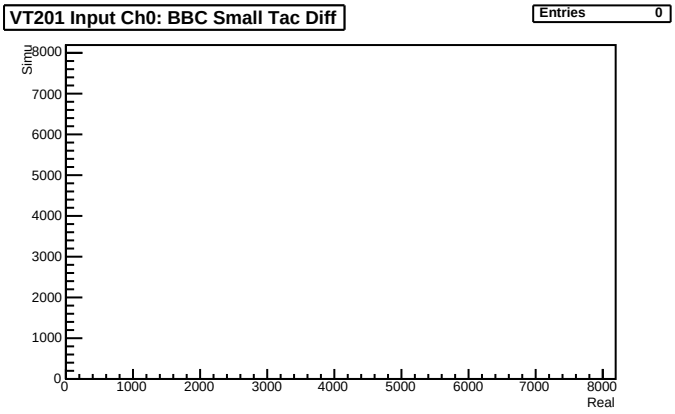

zdcWestTac
Entries 305660

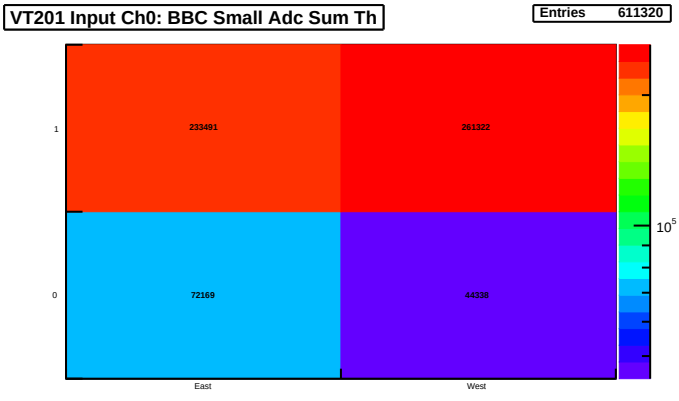

zdcWestTacVsSimu
Entries 2244
Data
Simu

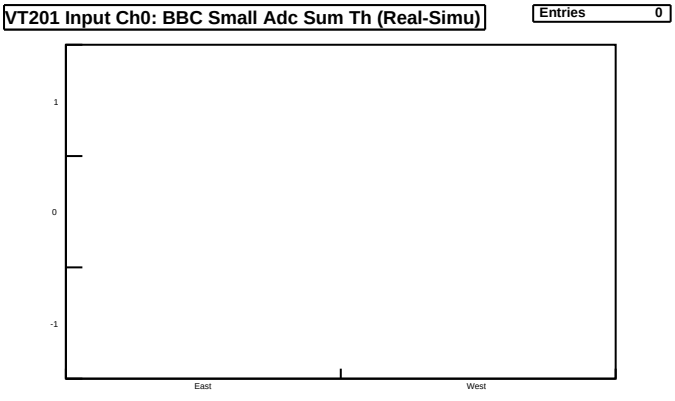

zdcAdcSum
Entries 3667920
31817
4125
26
20
7
5
73822
5467
62
55
41
37
273843
301535
305634
305640
305653
305655
231838
300193
305598
305605
305619
305623
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

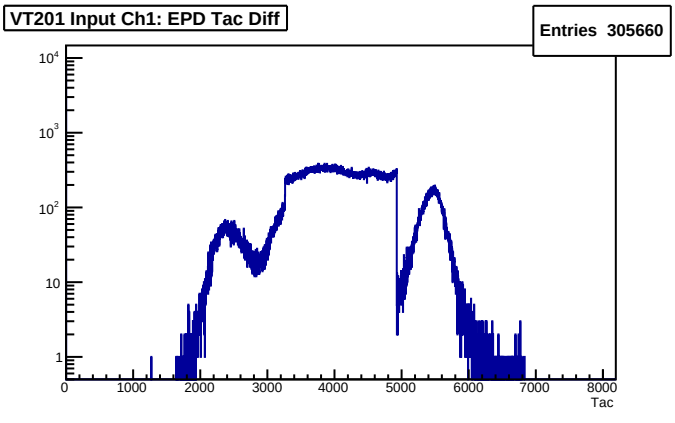

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

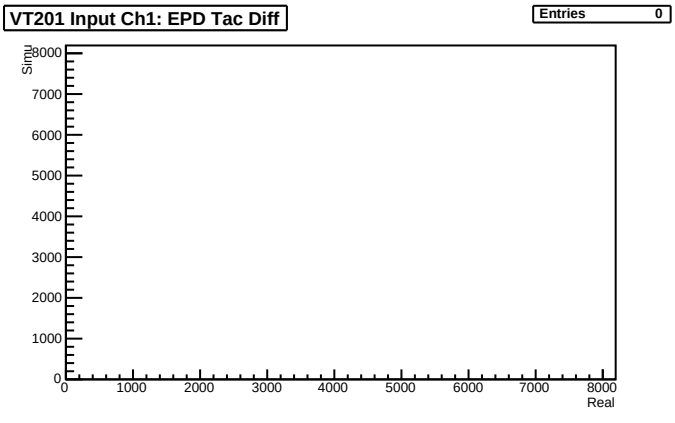

VT201 Input Ch0: BBC Small Tac Diff
Entries 305660
Tac

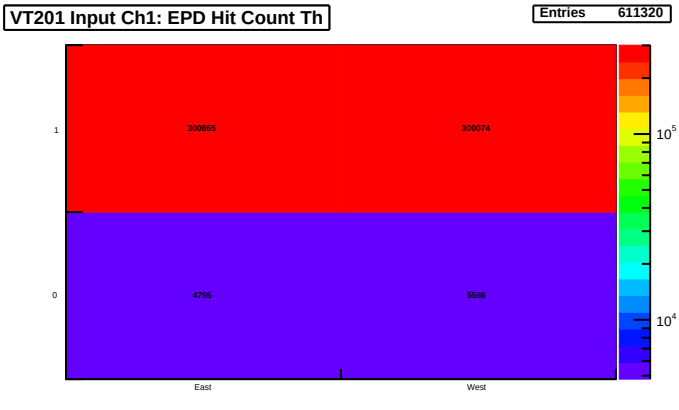

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

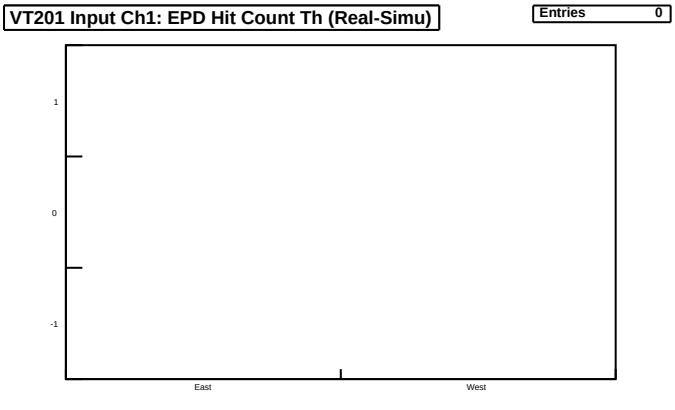

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 611320
233491
261322
72169
44338
East
West

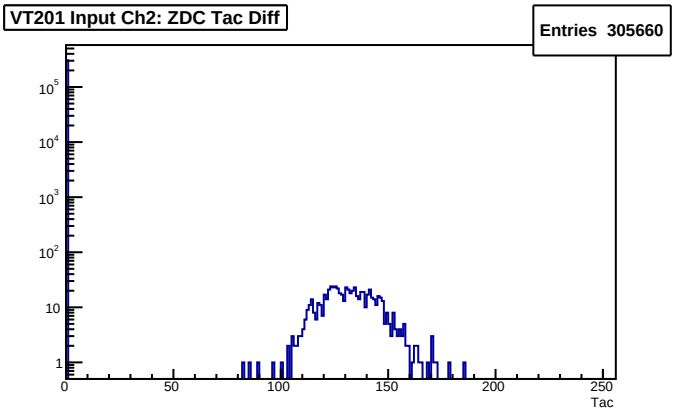

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

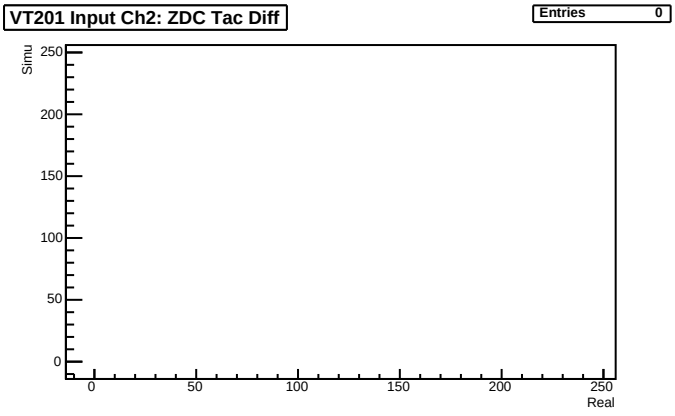

VT201 Input Ch1: EPD Tac Diff
Entries 305660
Tac

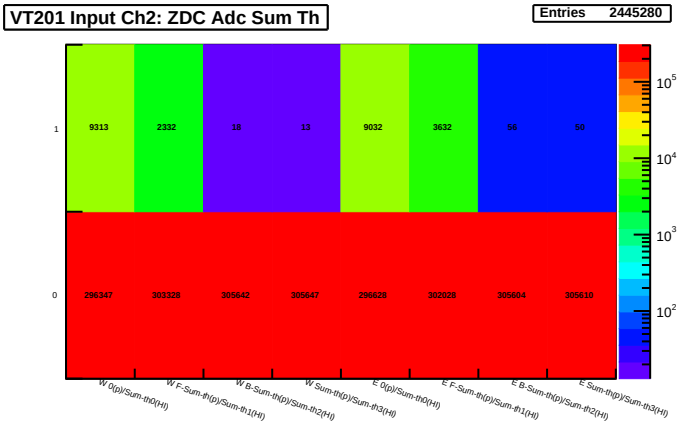

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

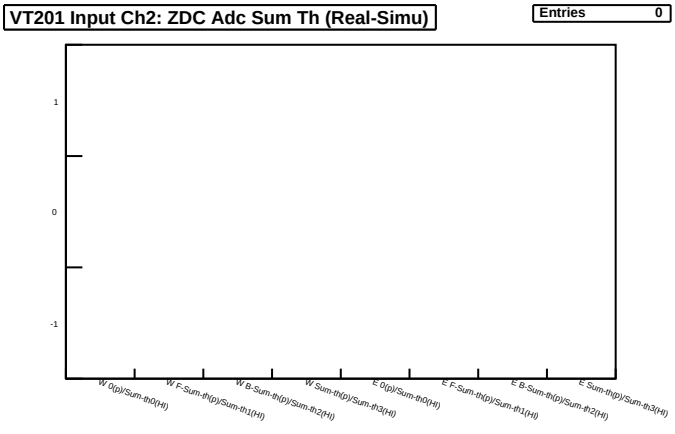

VT201 Input Ch1: EPD Hit Count Th
Entries 611320
300865
300074
4795
5586
East
West

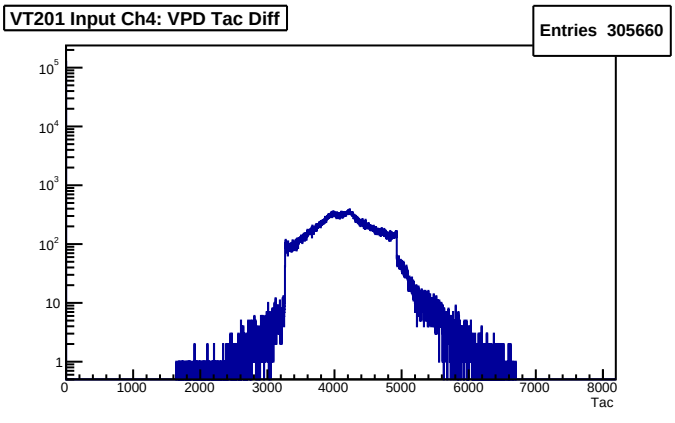

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

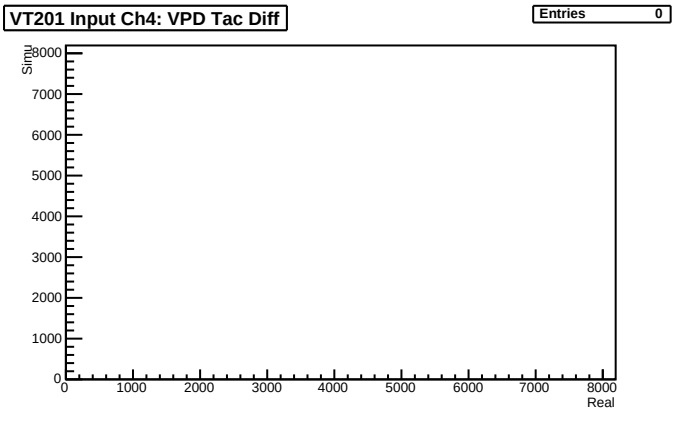

VT201 Input Ch2: ZDC Tac Diff
Entries 305660
Tac

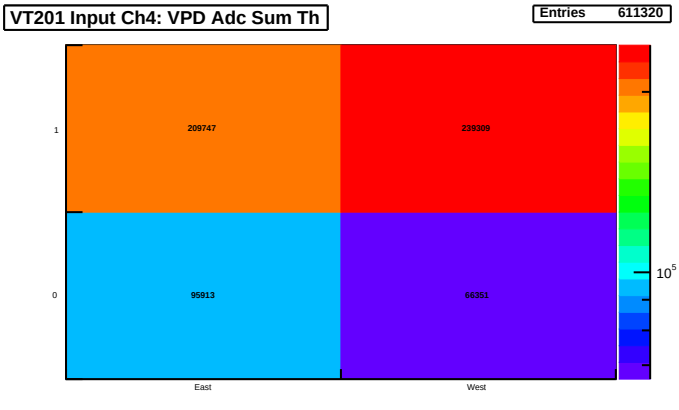

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

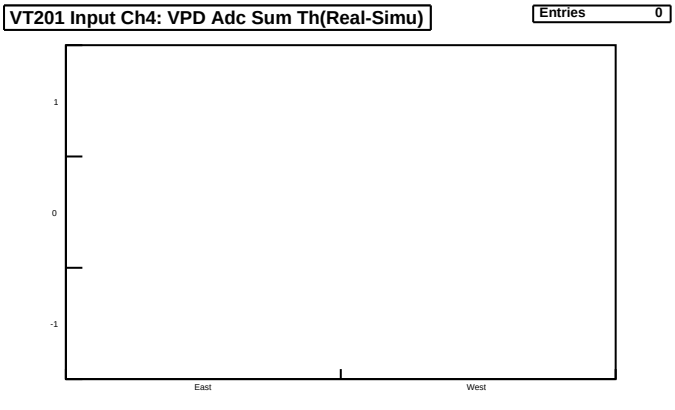

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2445280
9313
2332
18
13
9032
3632
56
50
296347
303328
305642
305647
296628
302028
305604
305610
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

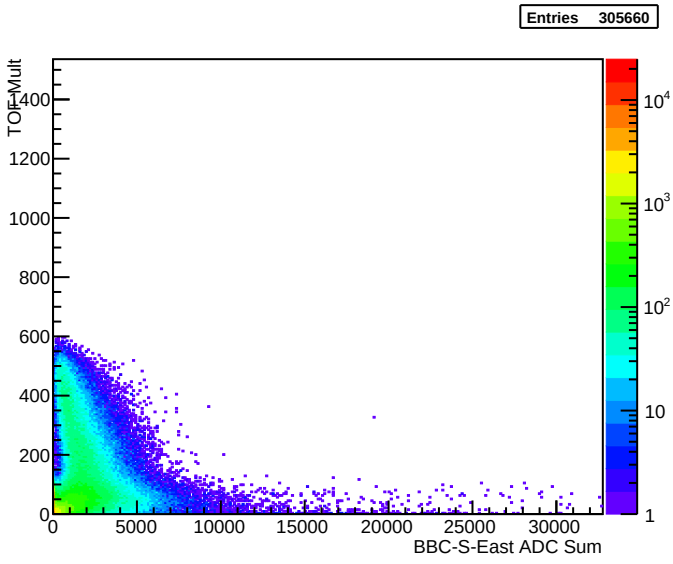

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

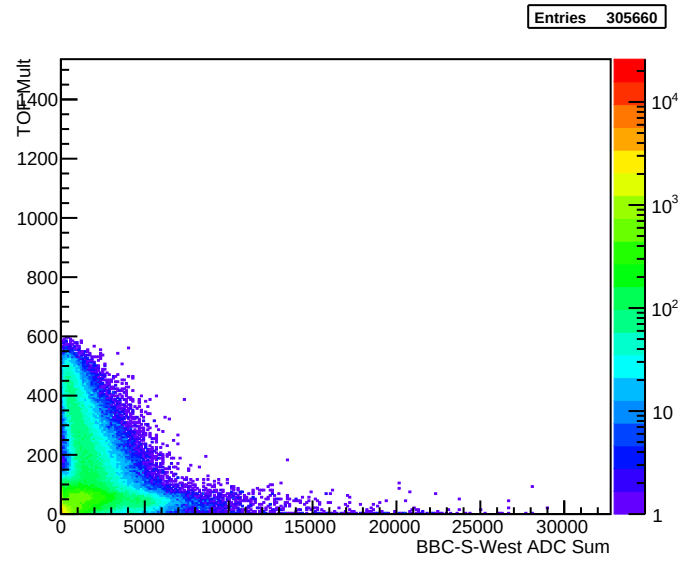

VT201 Input Ch4: VPD Tac Diff
Entries 305660
Tac

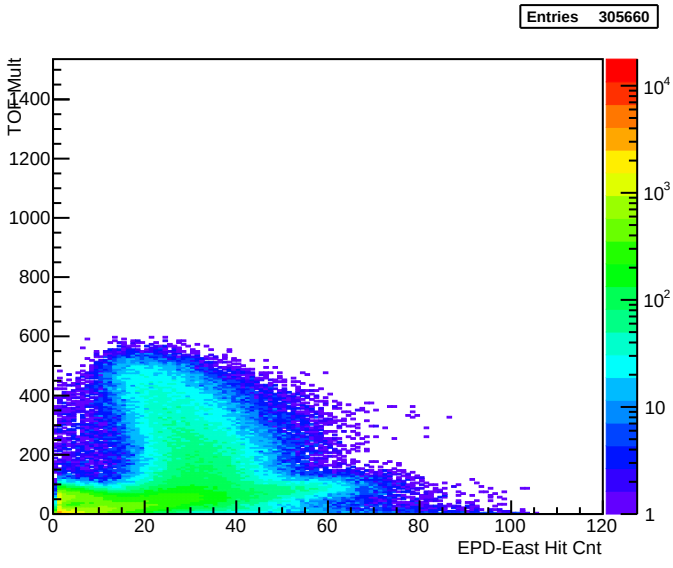

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

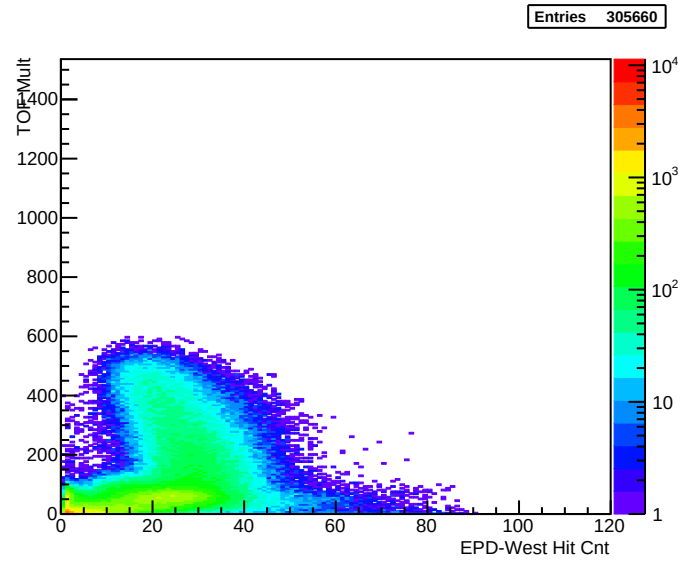

VT201 Input Ch4: VPD Adc Sum Th
Entries 611320
209747
239309
95913
66351
East
West

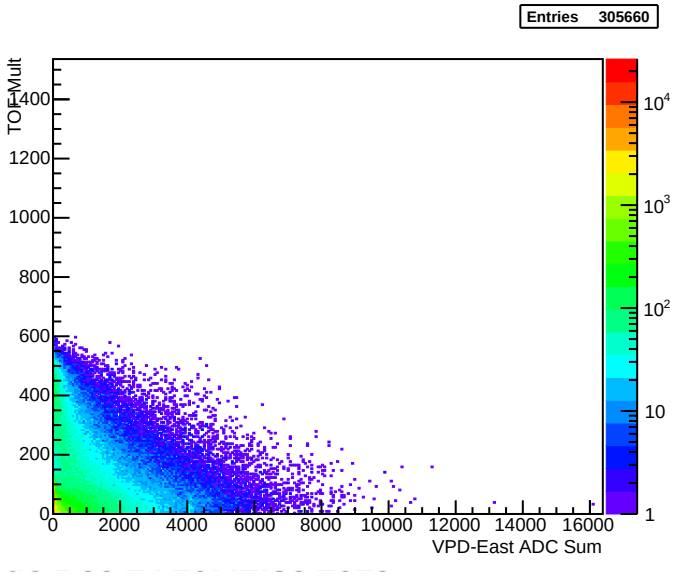

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

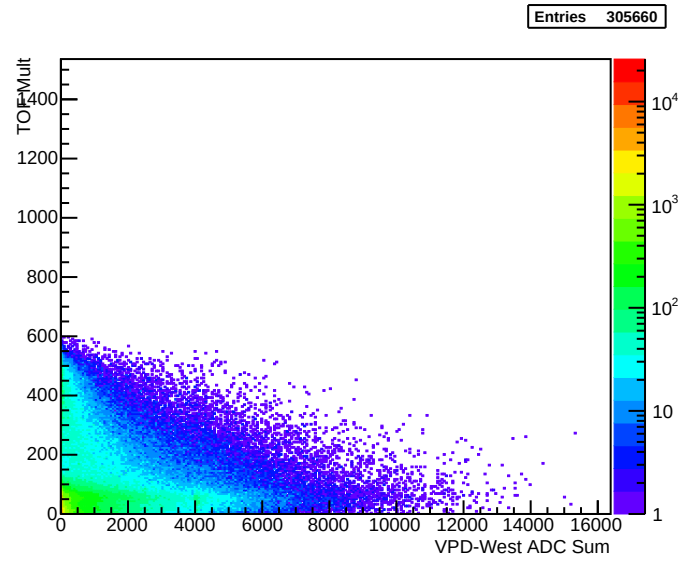

Entries 305660
TOF-Mult
BBC-S-East ADC Sum

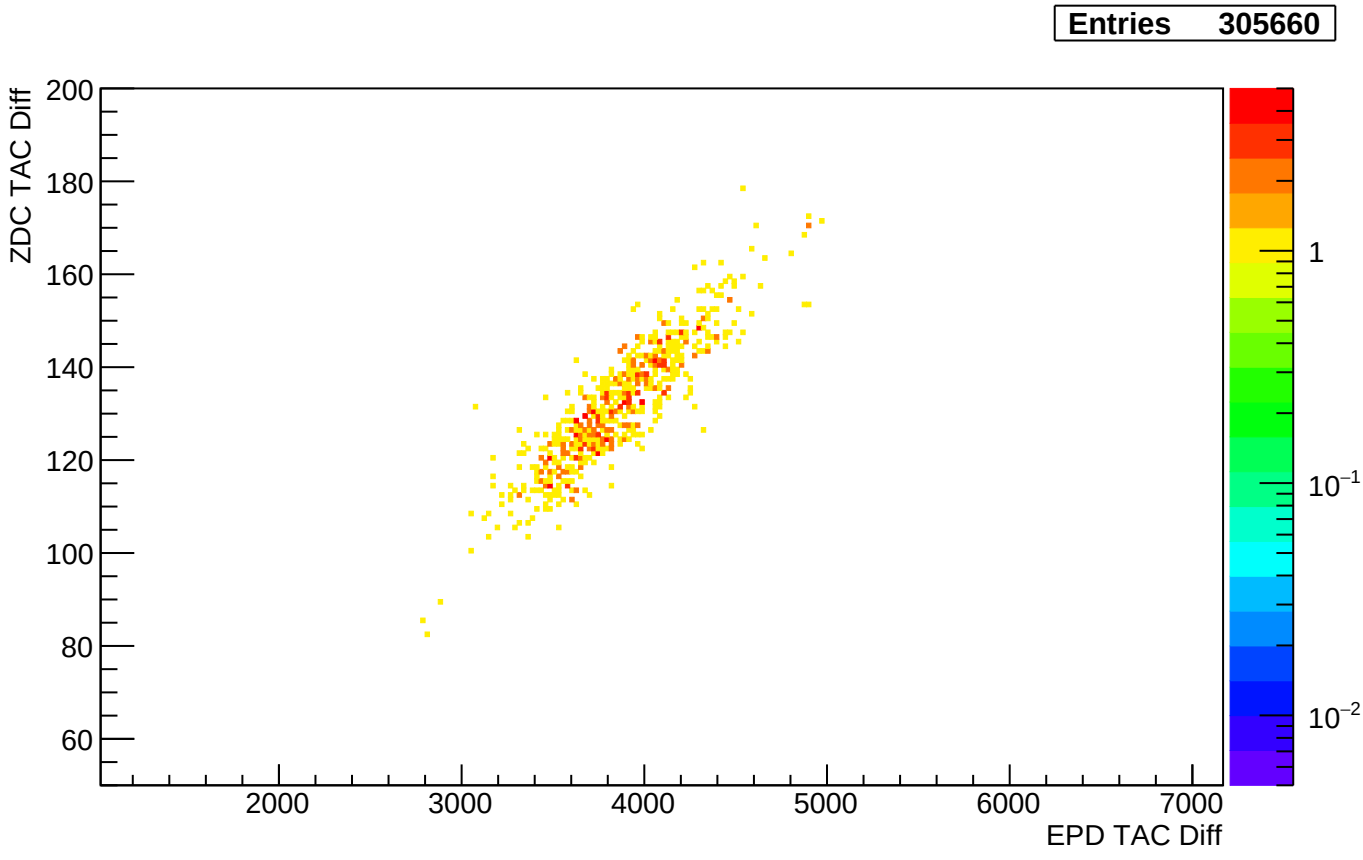

Entries 305660
TOF-Mult
BBC-S-West ADC Sum

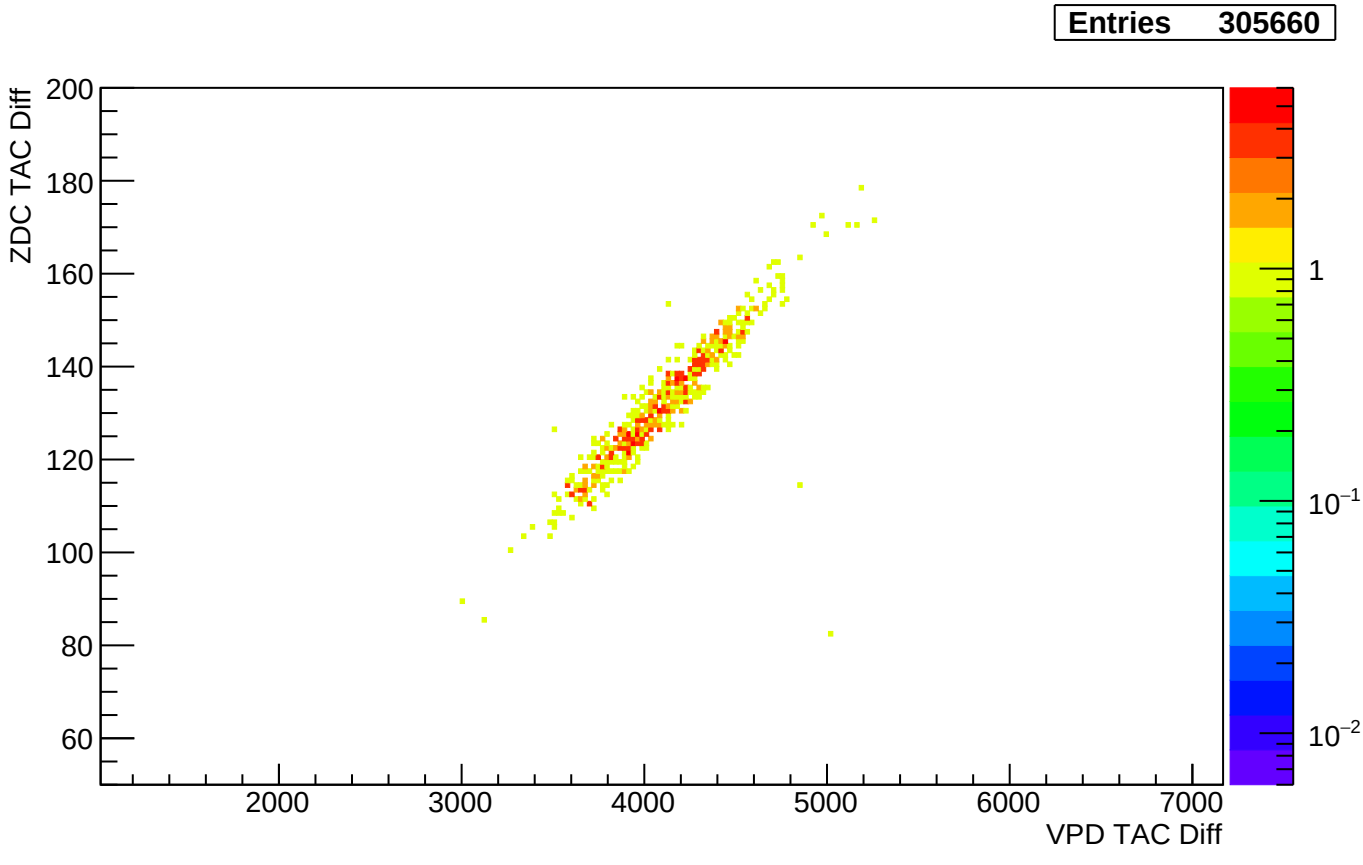

Entries 305660
TOF-Mult
EPD-East Hit Cnt

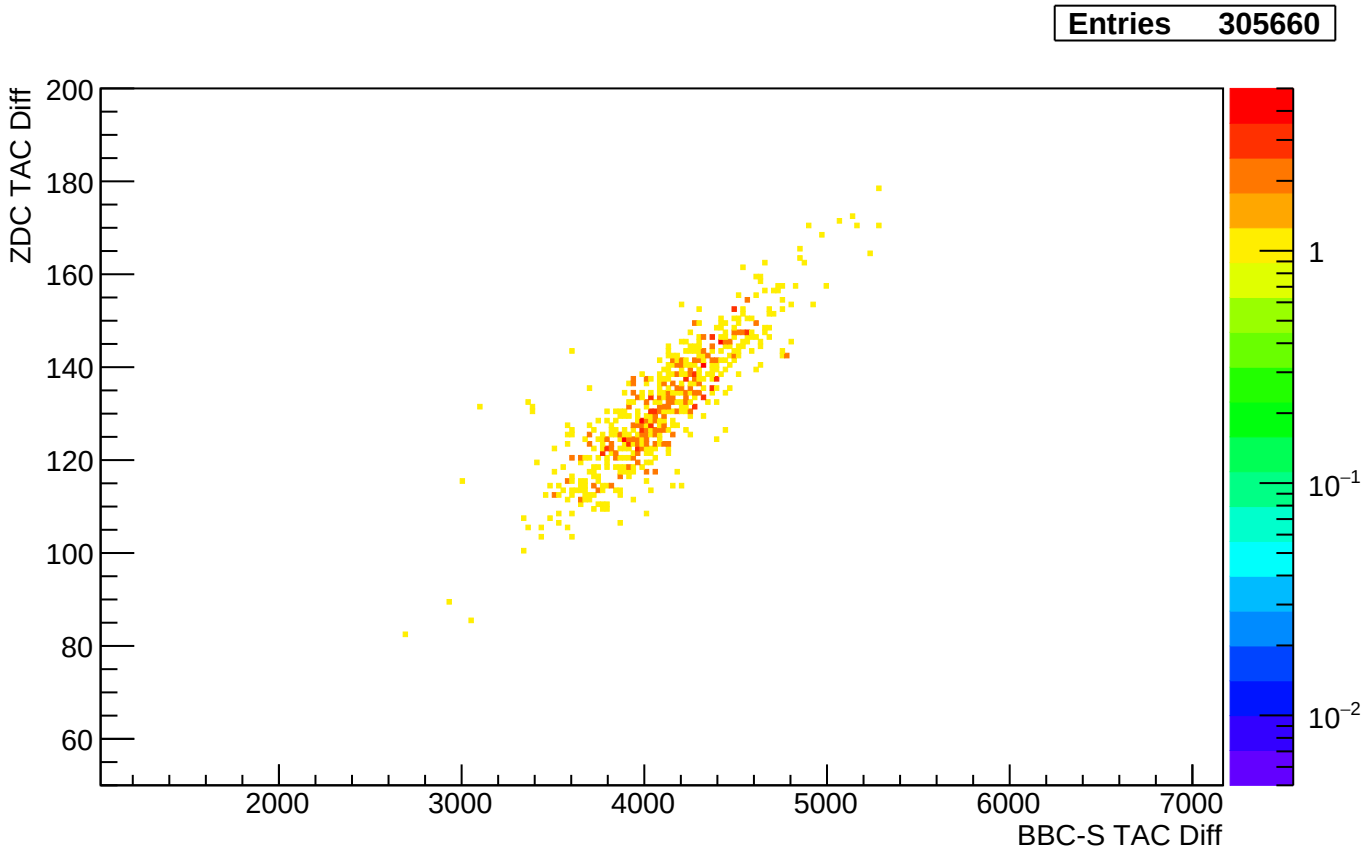

Entries 305660
TOF-Mult
EPD-West Hit Cnt

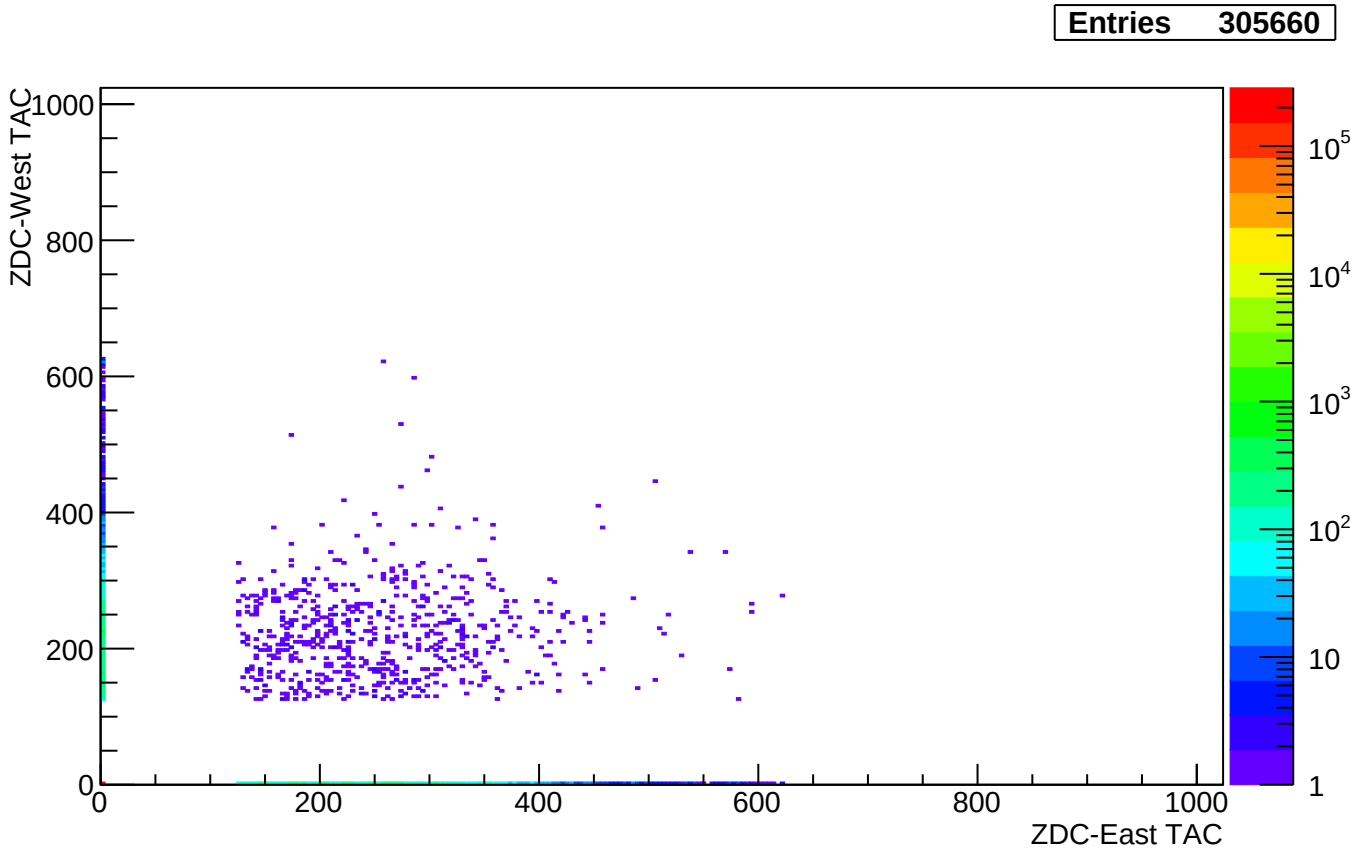

Entries 305660
TOF-Mult
VPD-East ADC Sum

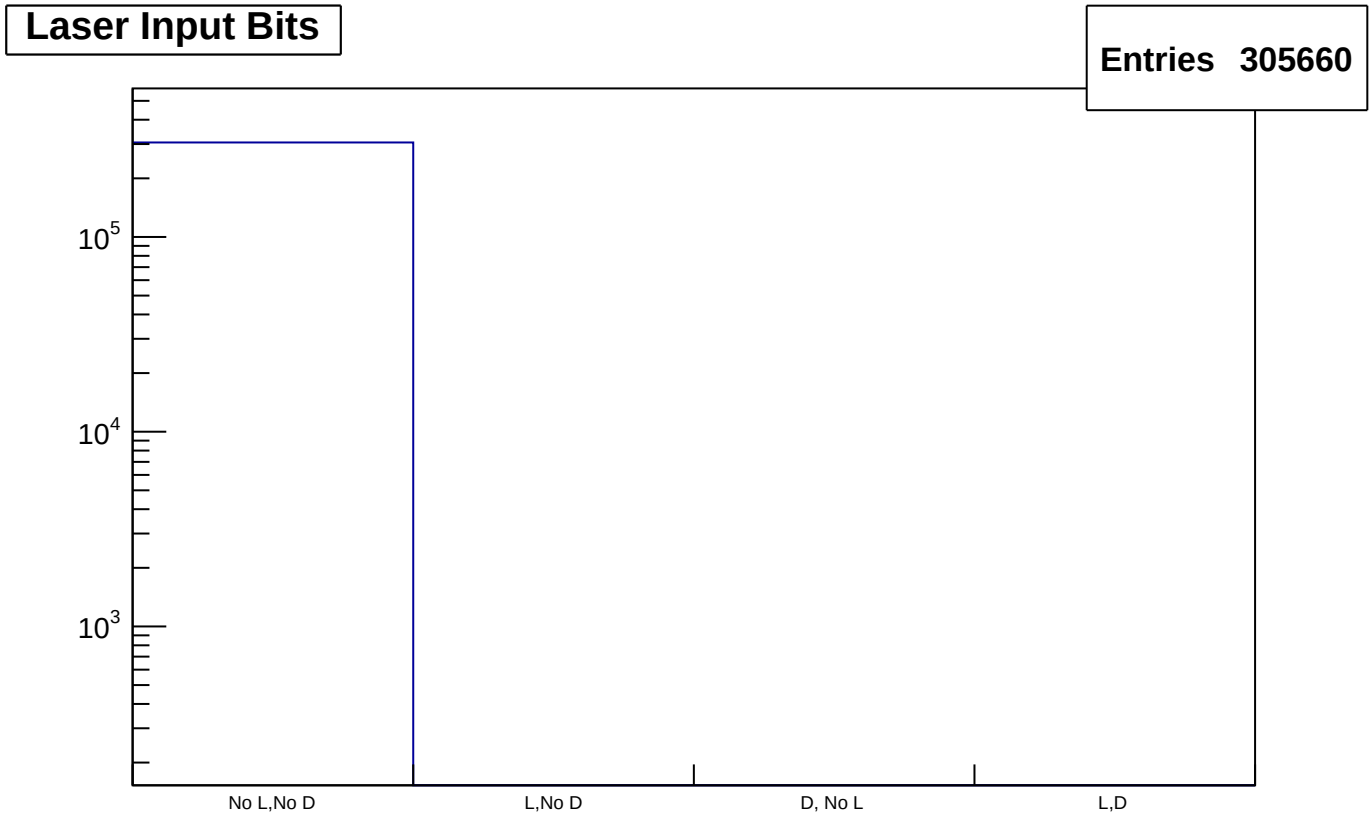

Entries 305660
TOF-Mult
VPD-West ADC Sum

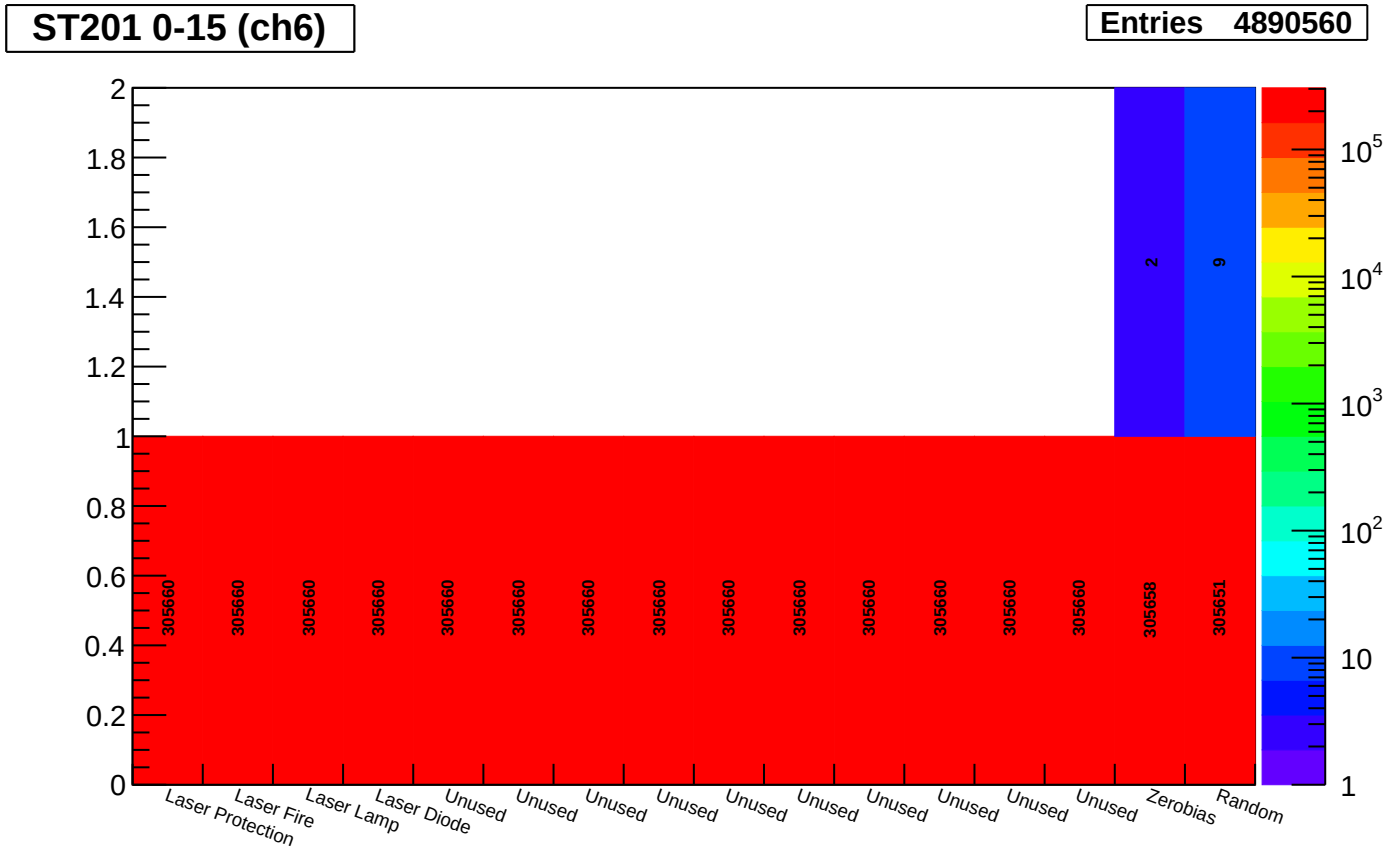

Entries 305660
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

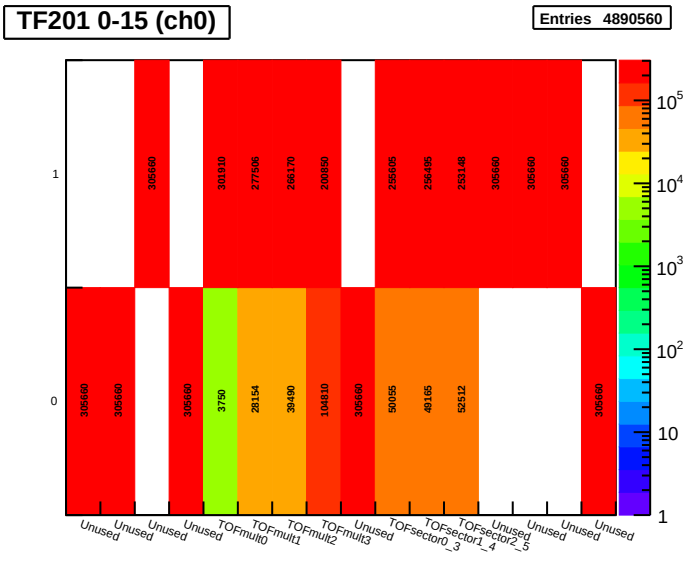

Entries 305660
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

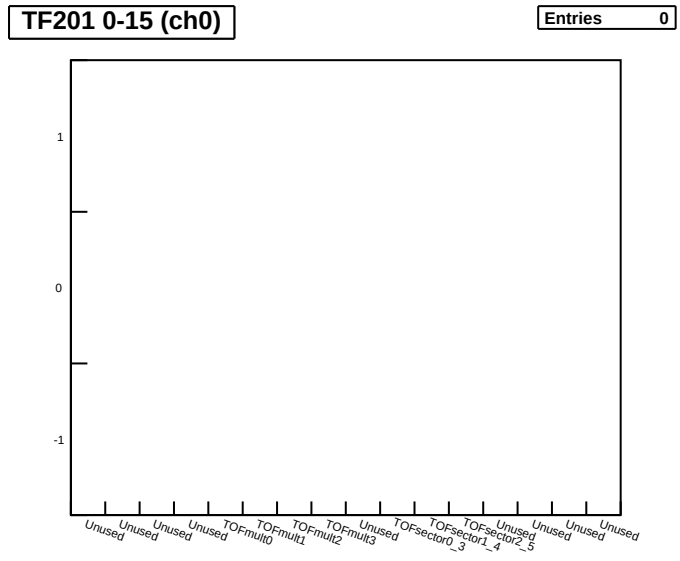

Entries 305660
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

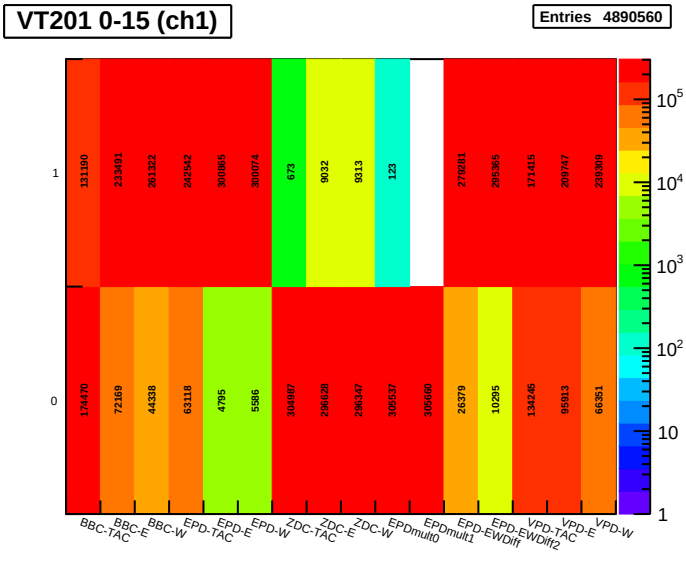

Entries 305660
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

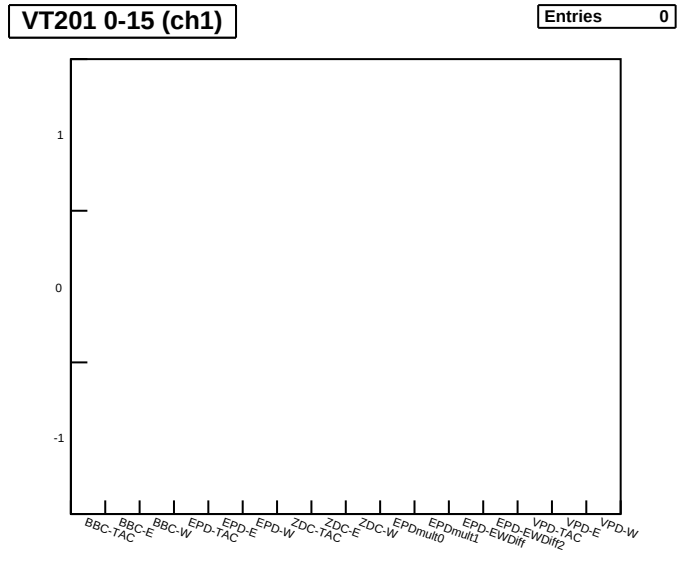

Laser Input Bits
Entries 305660
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

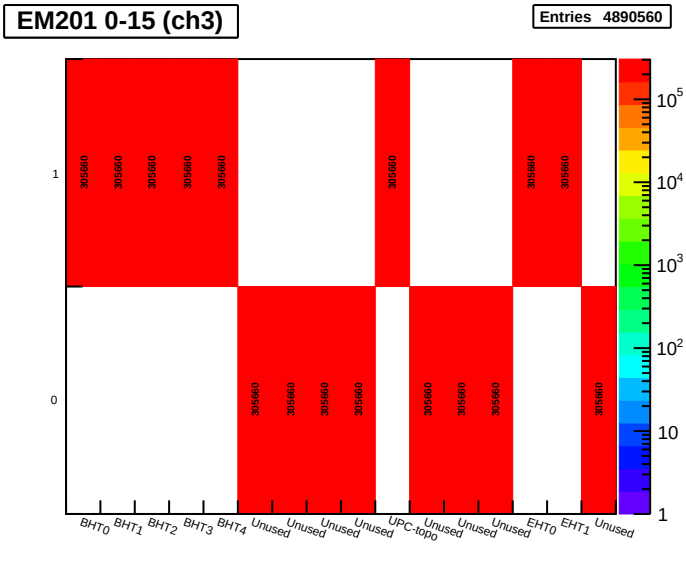

ST201 0-15 (ch6)
Entries 4890560
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
305660
305660
305660
305660
305660
305660
305660
305660
305660
305660
305660
305660
305660
305660
305658
305651
2
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

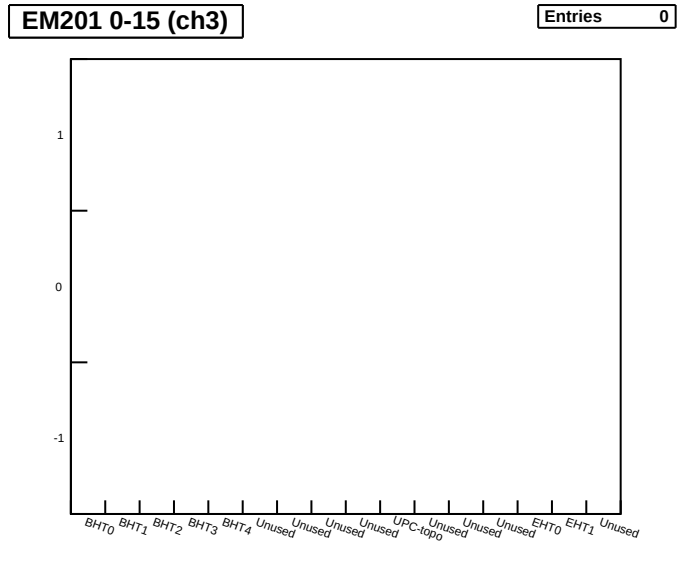

TF201 0-15 (ch0)
Entries 4890560
1
0
305660
301910
277506
266170
200850
255605
256495
253148
305660
305660
305660
305660
305660
3750
28154
39490
104810
50055
49165
52512
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 4890560
1
0
131190
233491
261322
242542
300865
300074
673
9032
9313
123
279281
295365
171415
209747
239309
174470
72169
44338
63118
4795
5586
304987
298628
296347
305537
305660
26379
10295
134245
95913
66351
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 4890560
1
0
305660
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1