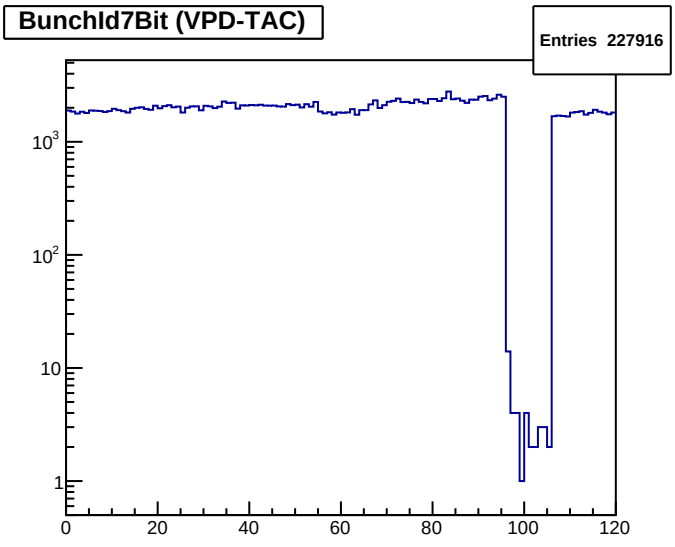
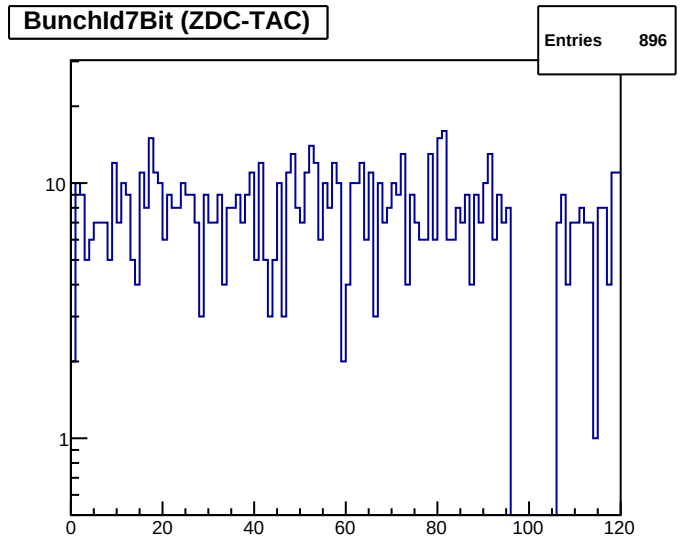
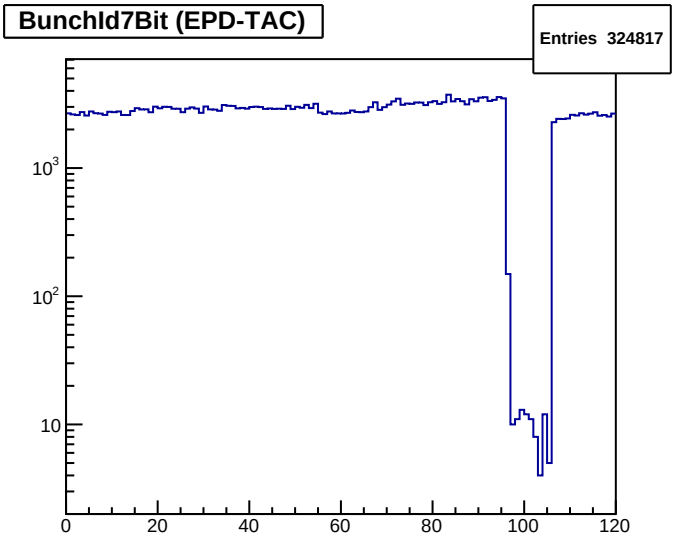
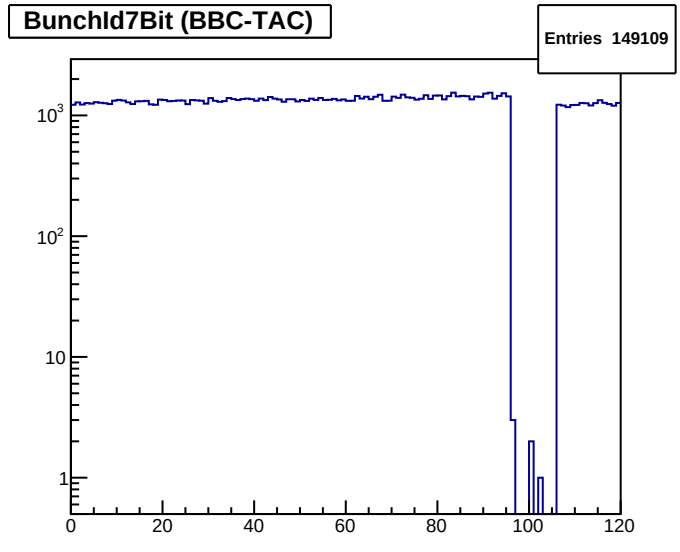
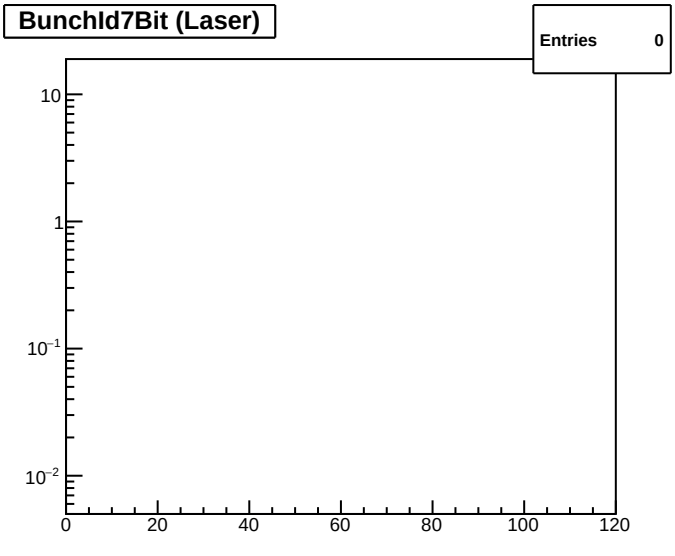
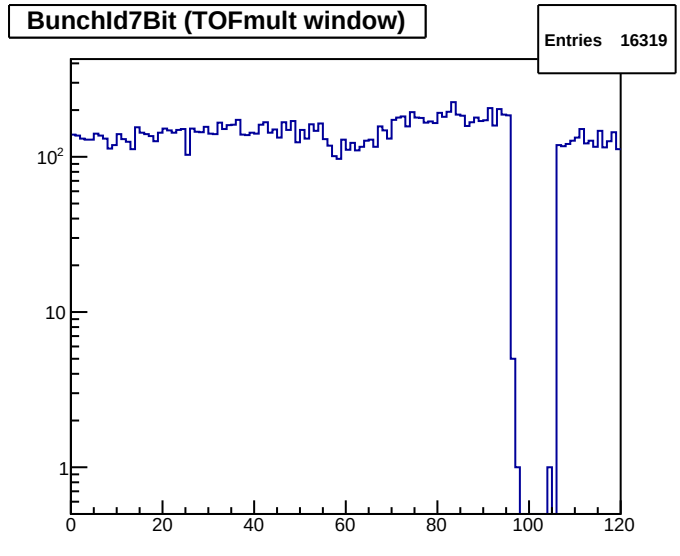

BunchId7Bit (VPD-TAC)
Entries 227916

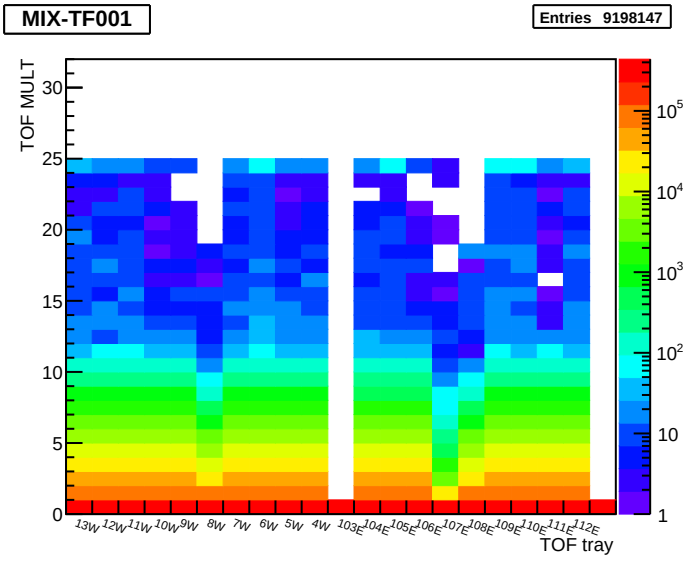

BunchId7Bit (ZDC-TAC)
Entries 896

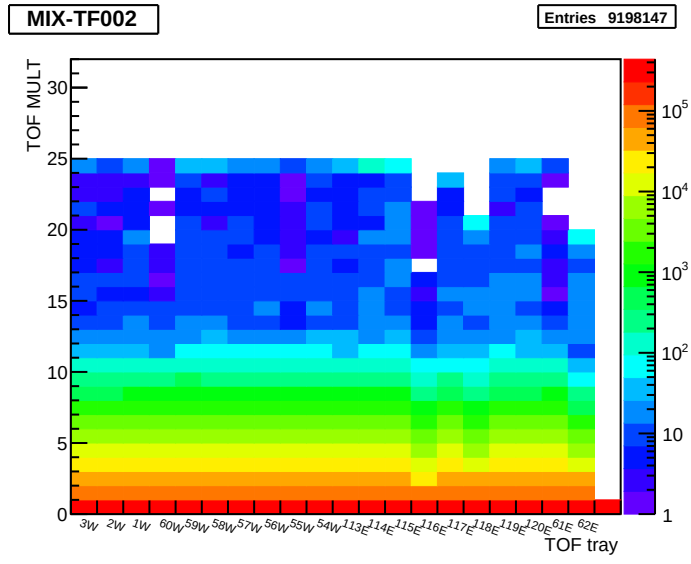

BunchId7Bit (EPD-TAC)
Entries 324817

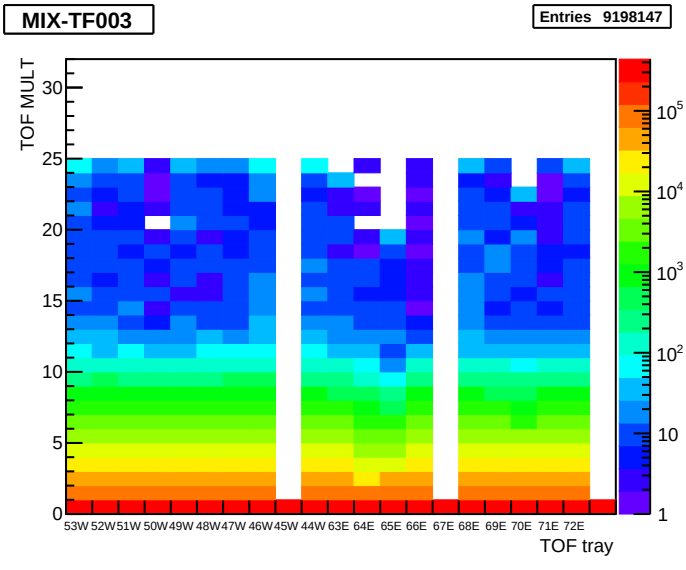

BunchId7Bit (BBC-TAC)
Entries 149109

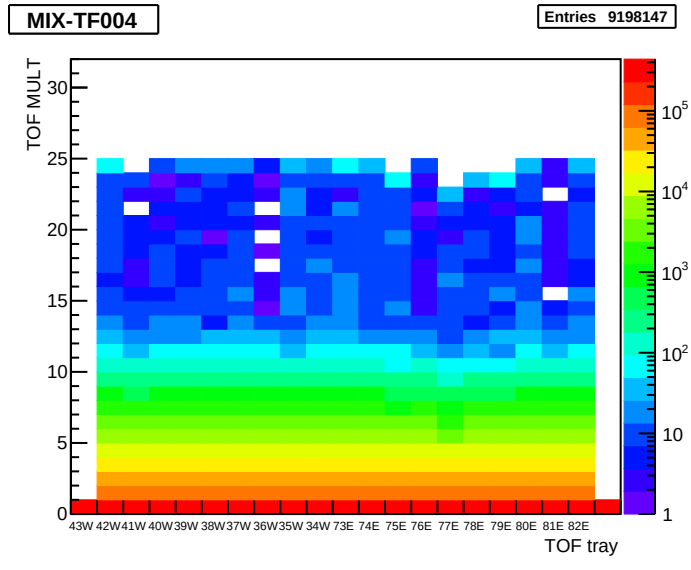

BunchId7Bit (Laser)
Entries 0

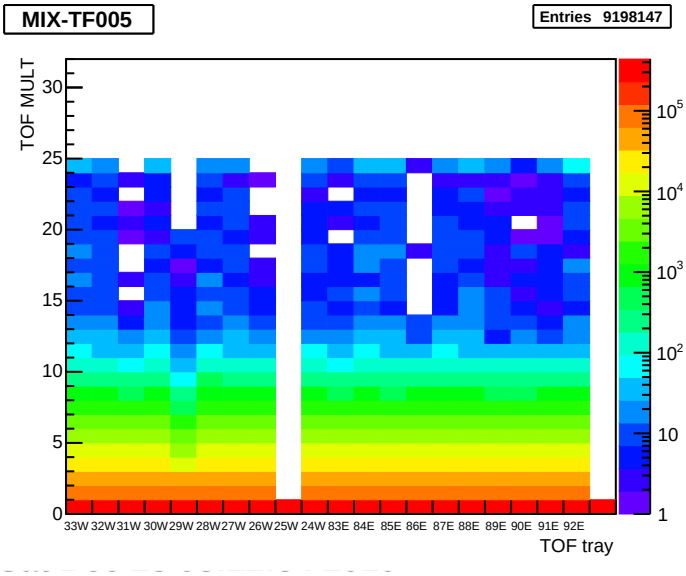

BunchId7Bit (TOFmult window)
Entries 16319

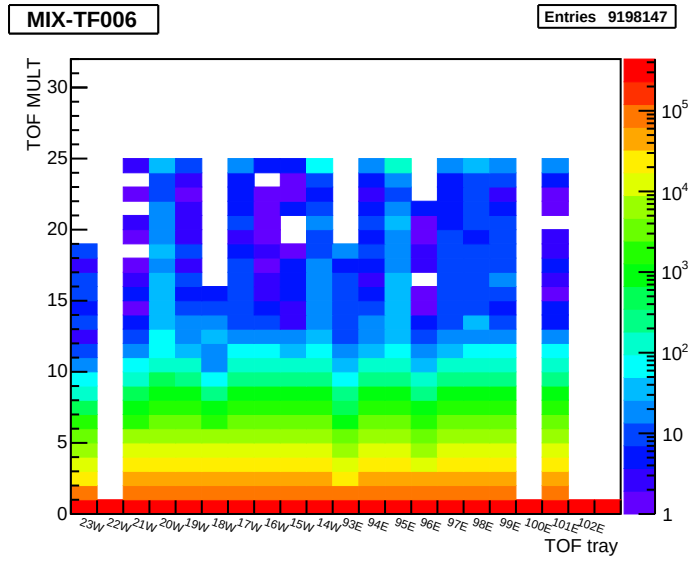

MIX-TF001
Entries 9198147
TOF MULT
TOF tray

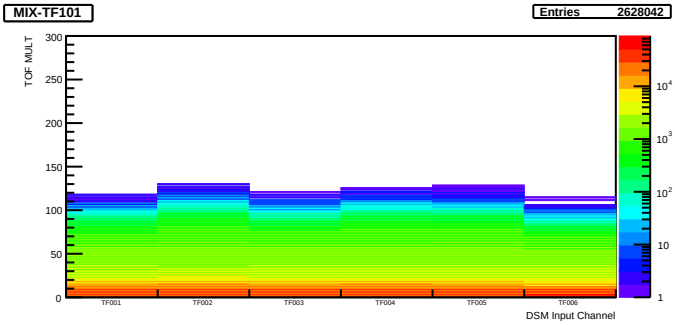

MIX-TF002
Entries 9198147
TOF MULT
TOF tray

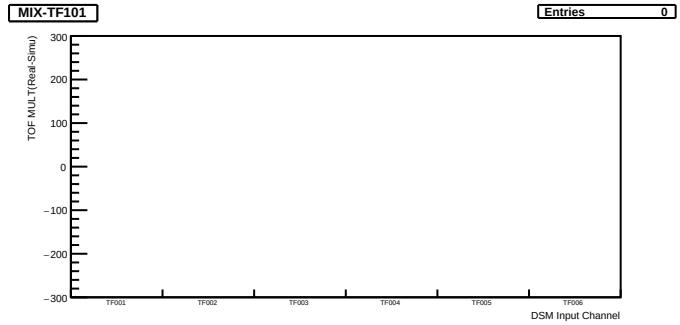

MIX-TF003
Entries 9198147
TOF MULT
TOF tray

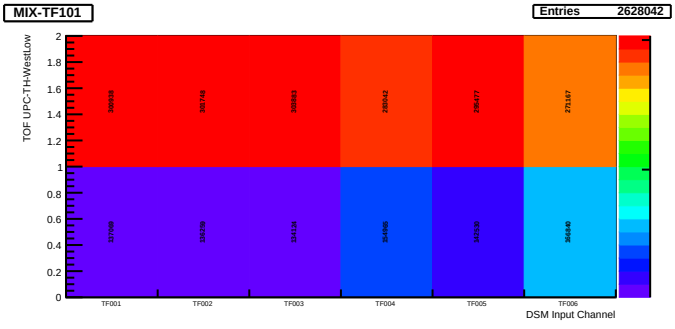

MIX-TF004
Entries 9198147
TOF MULT
TOF tray

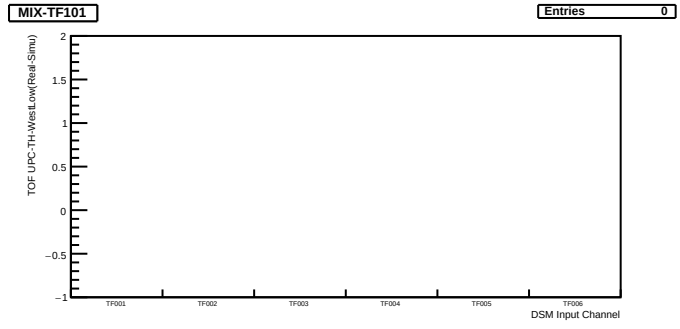

MIX-TF005
Entries 9198147
TOF MULT
TOF tray

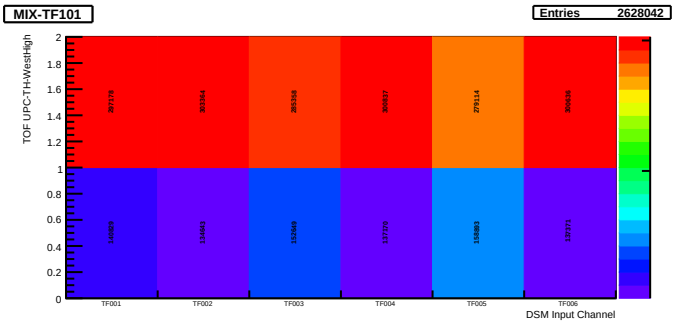

MIX-TF006
Entries 9198147
TOF MULT
TOF tray

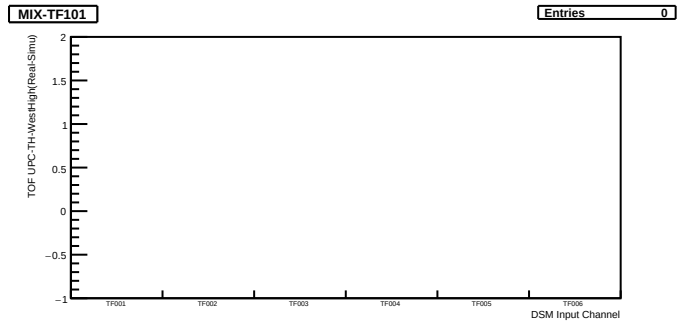

MIX-TF101
Entries 2628042
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

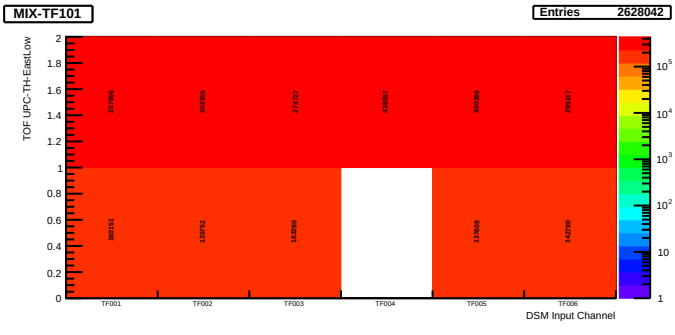

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

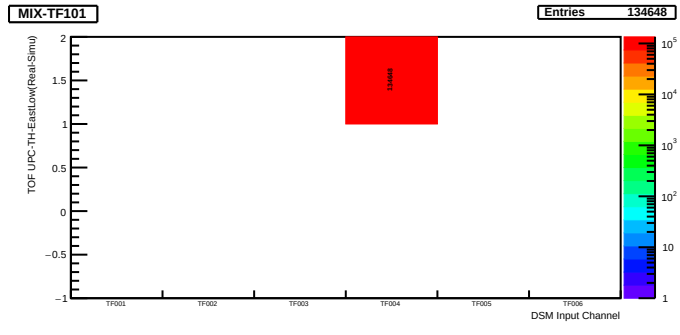

MIX-TF101
Entries 2628042
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

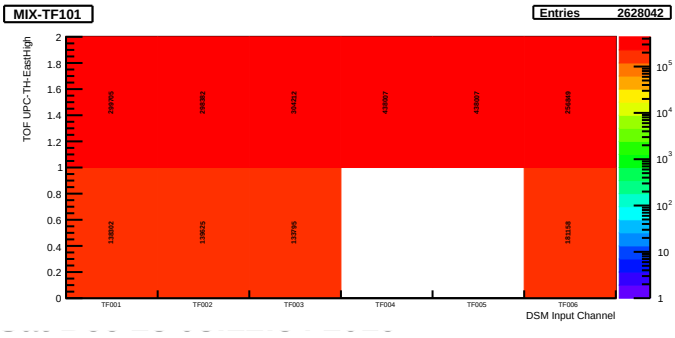

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

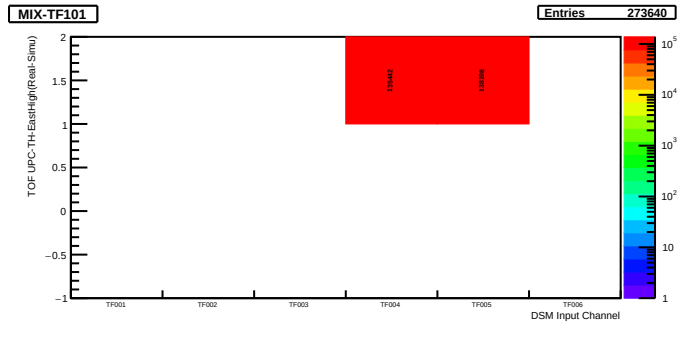

MIX-TF101
Entries 2628042
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

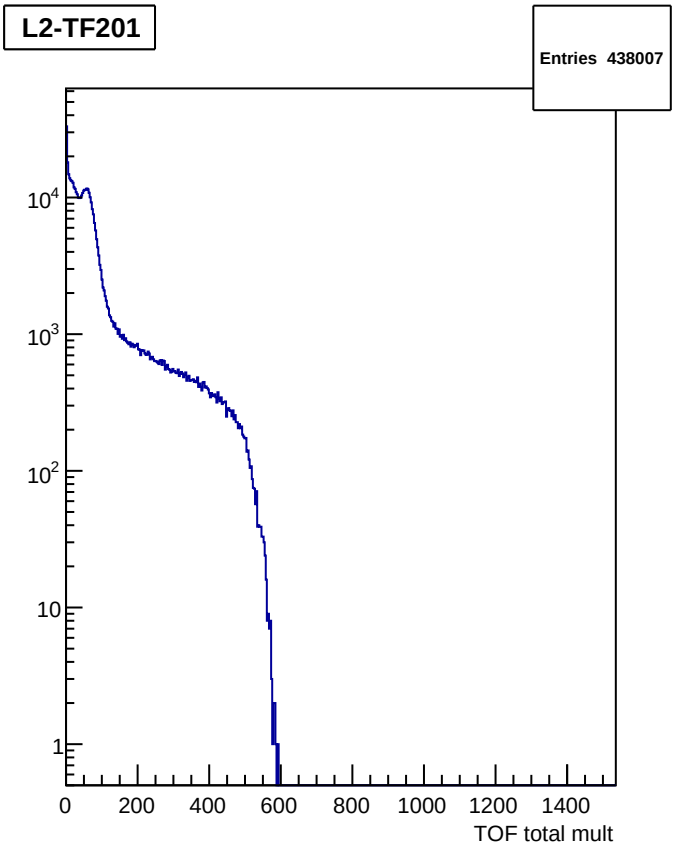

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

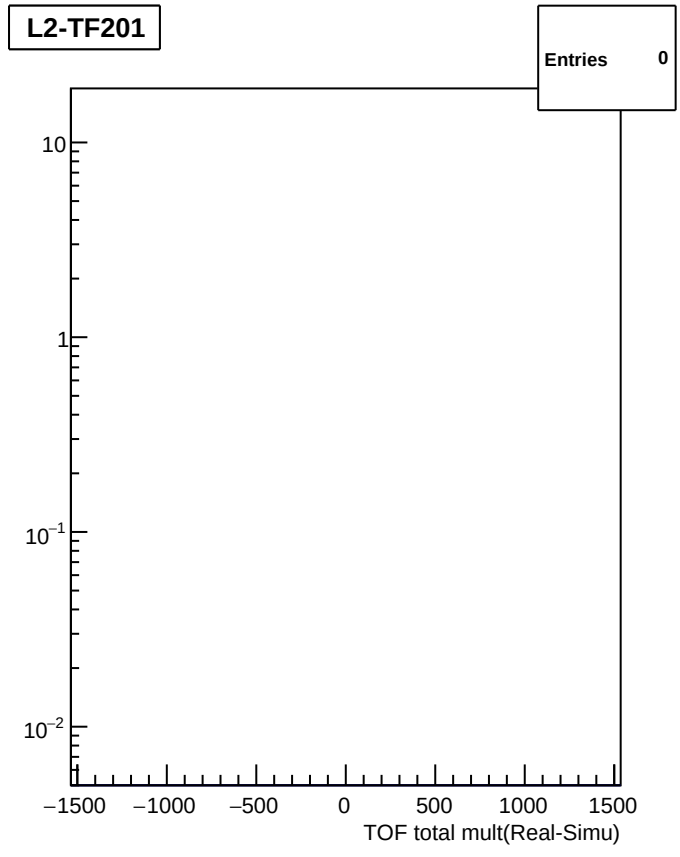

MIX-TF101
Entries 2628042
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

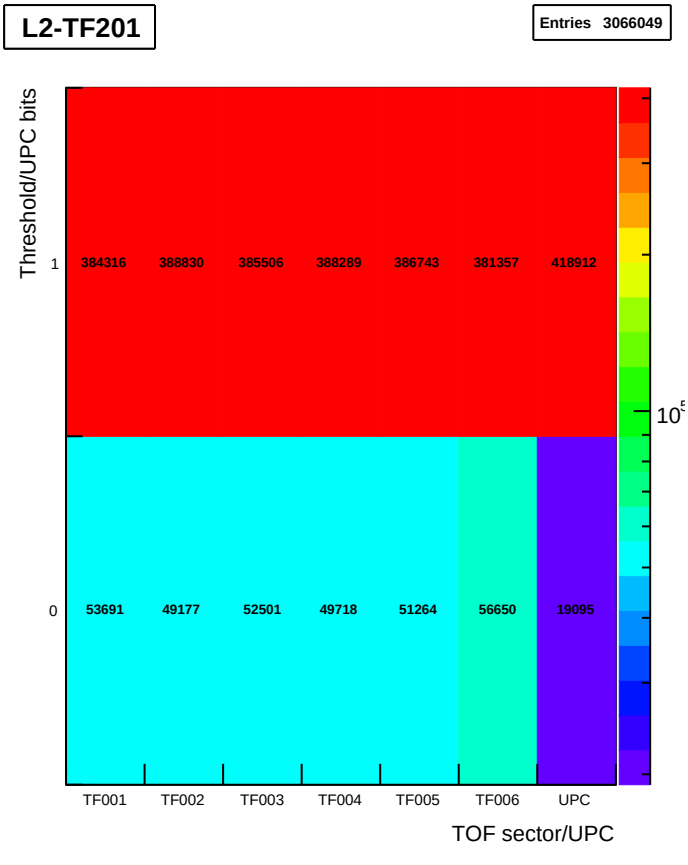

MIX-TF101
Entries 134648
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

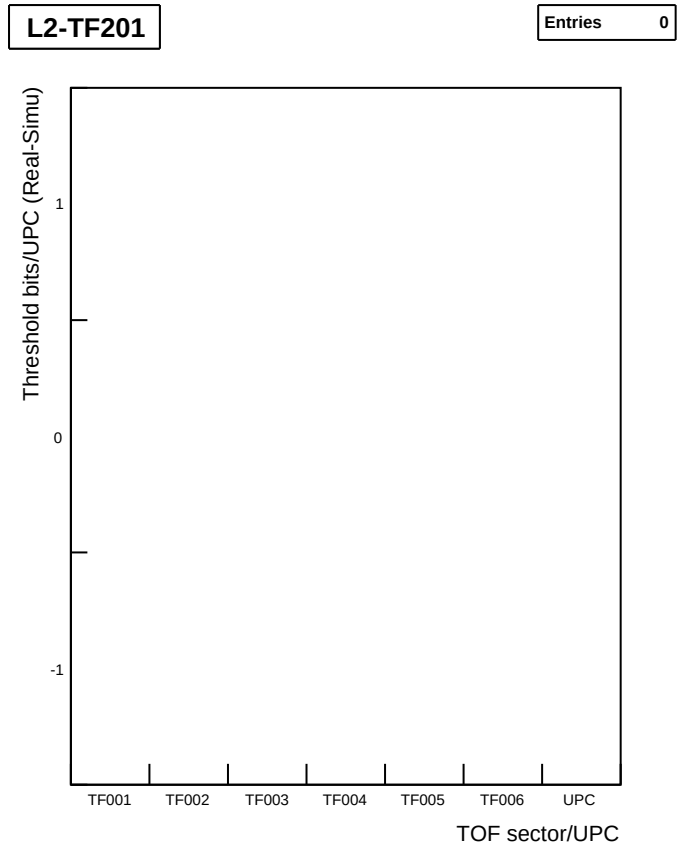

MIX-TF101
Entries 2628042
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

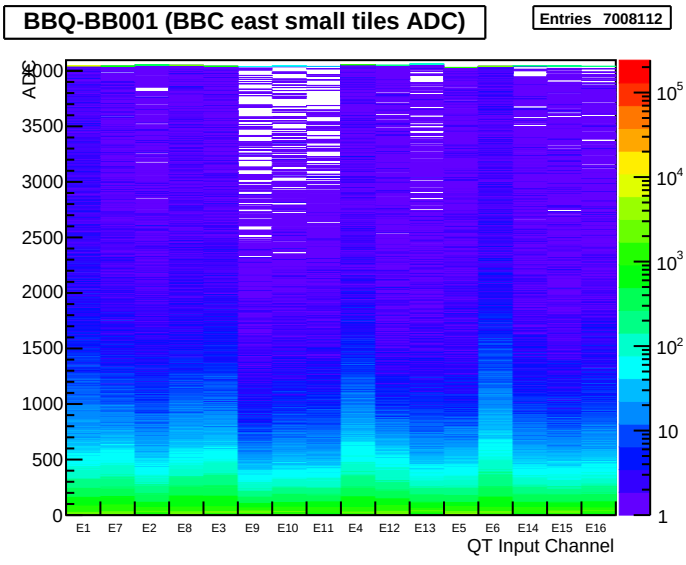

MIX-TF101
Entries 273640
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

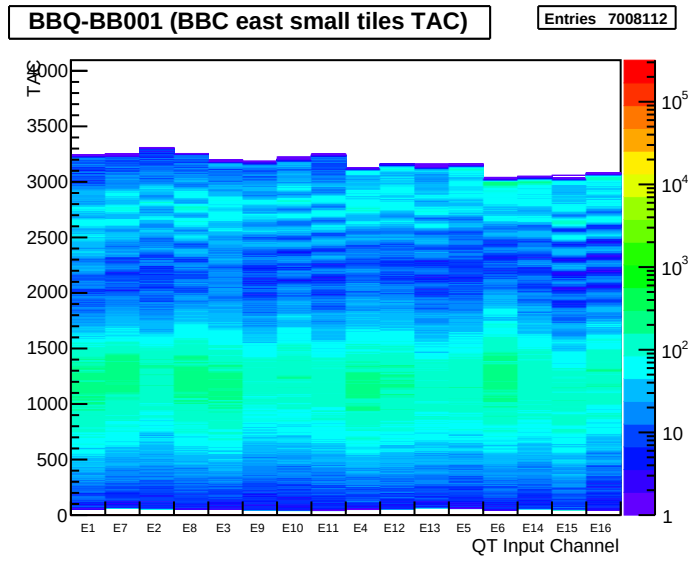

L2-TF201
Entries 438007
TOF total mult

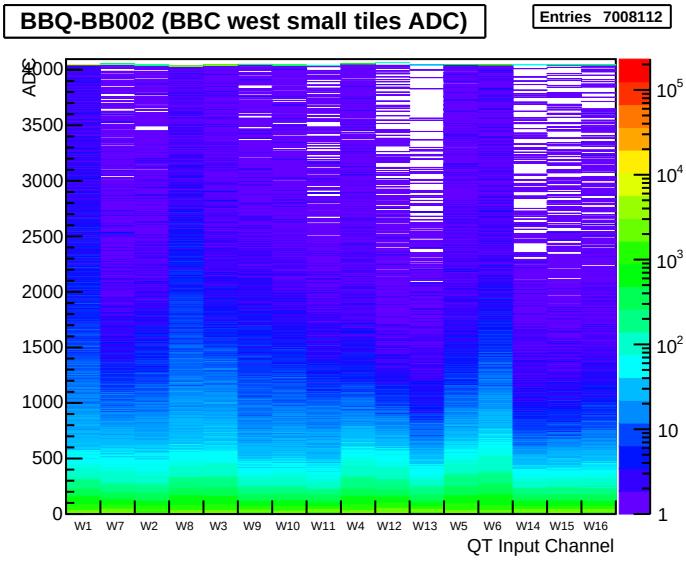

L2-TF201
Entries 0
TOF total mult(Real-Simu)

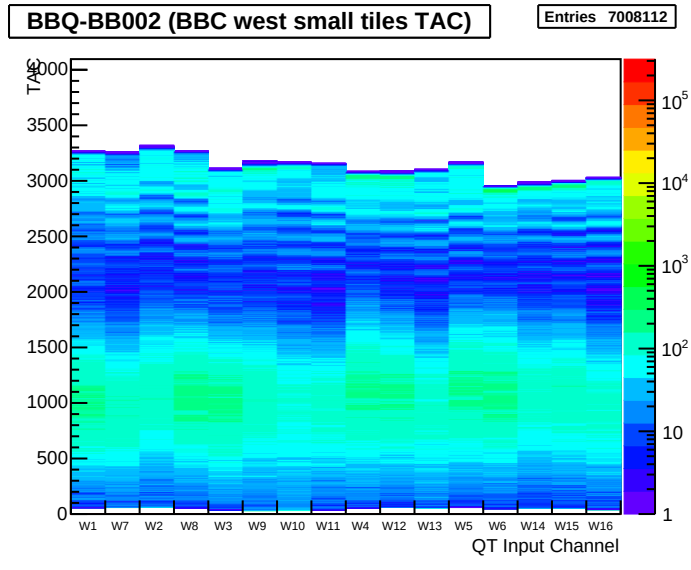

L2-TF201
Entries 3066049
Threshold/UPC bits
384316
388830
385506
388289
386743
381357
418912
53691
49177
52501
49718
51264
56650
19095
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

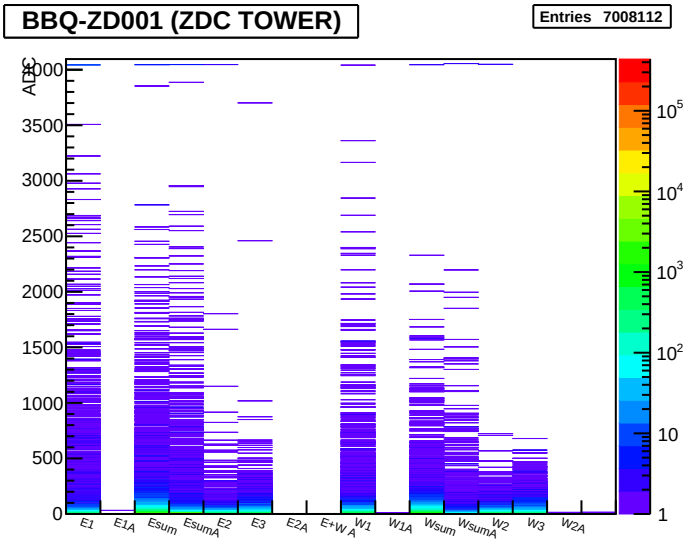

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

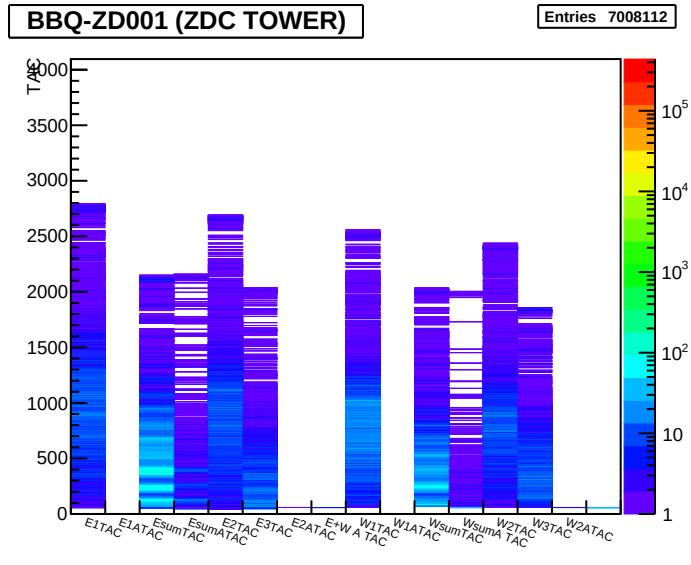

BBQ-BB001 (BBC east small tiles ADC)
Entries 7008112
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

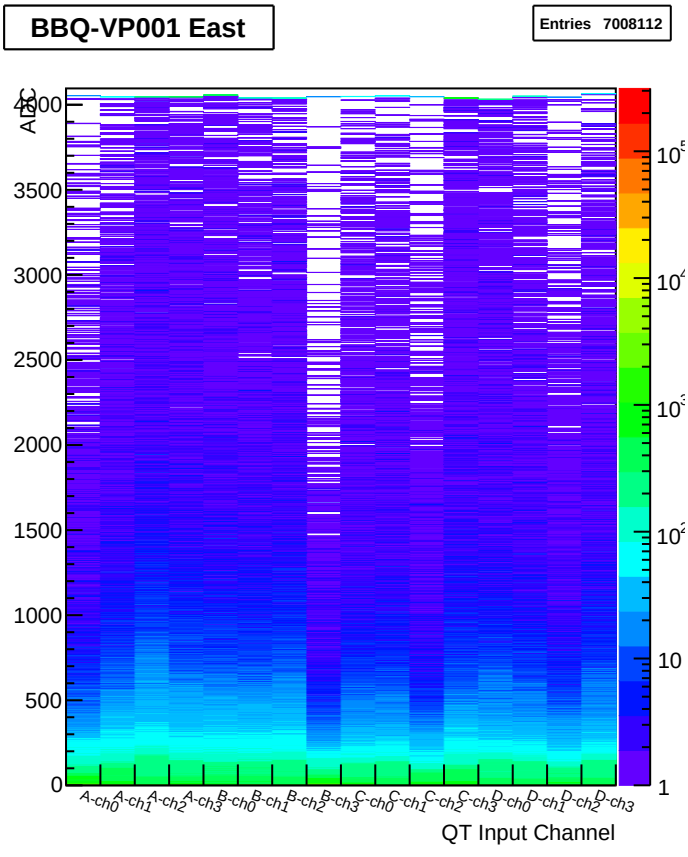

BBQ-BB001 (BBC east small tiles TAC)
Entries 7008112
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

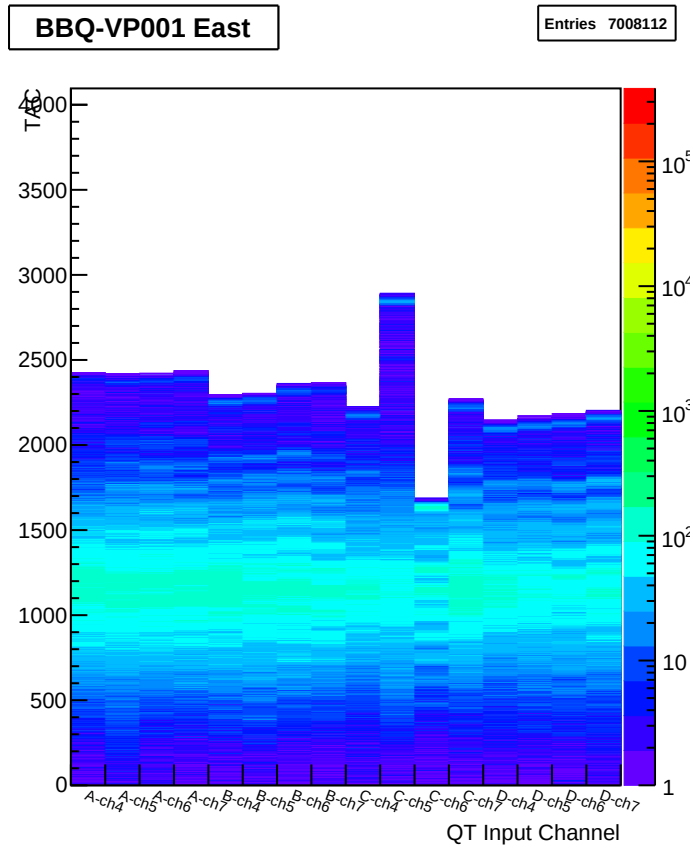

BBQ-BB002 (BBC west small tiles ADC)
Entries 7008112
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

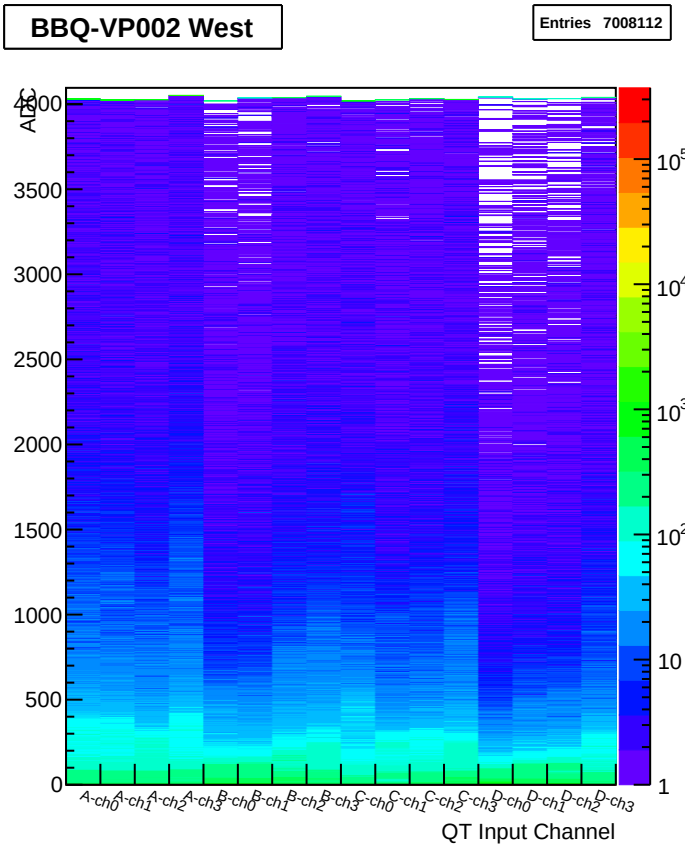

BBQ-BB002 (BBC west small tiles TAC)
Entries 7008112
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

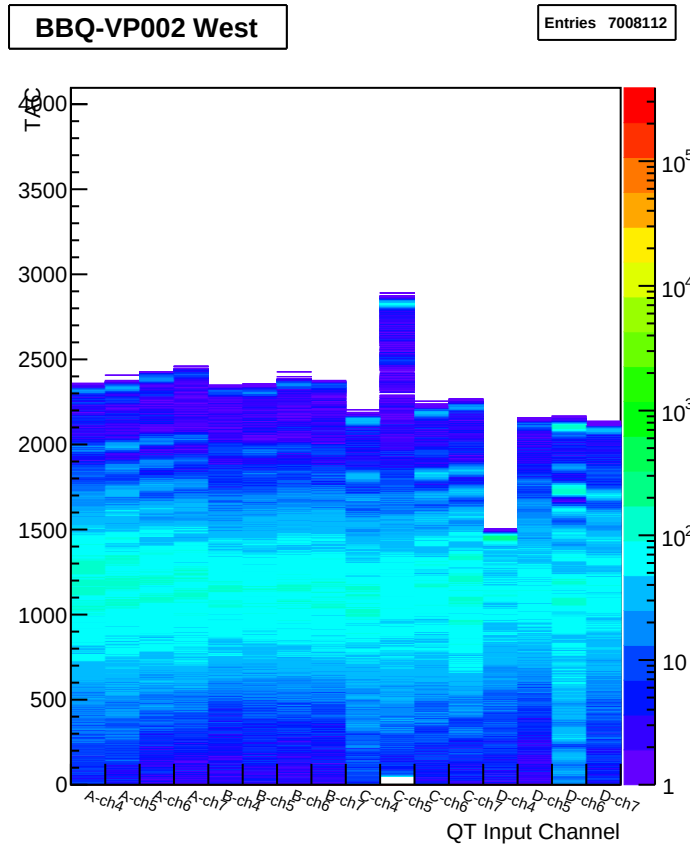

BBQ-ZD001 (ZDC TOWER)
Entries 7008112
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

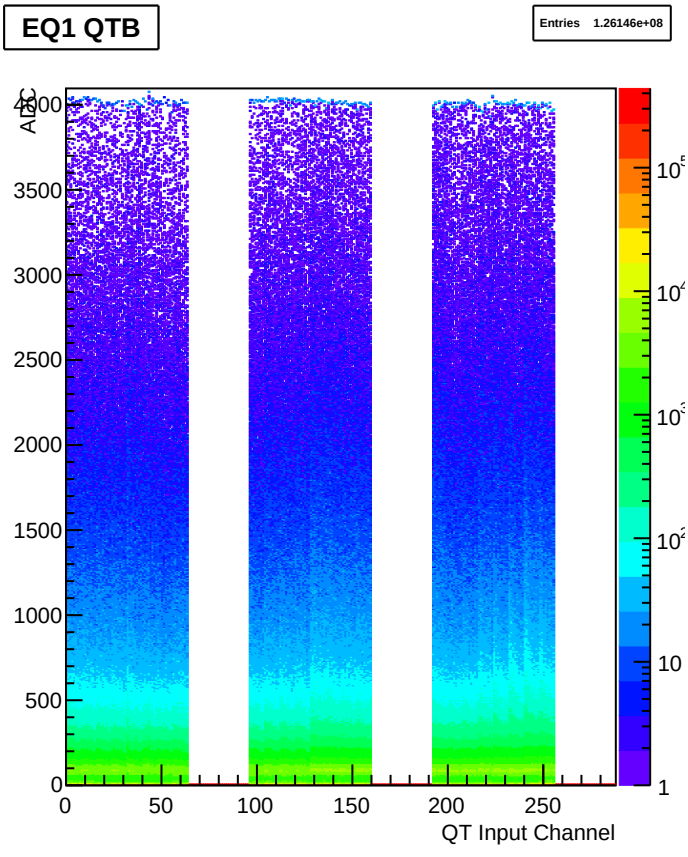

BBQ-ZD001 (ZDC TOWER)
Entries 7008112
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

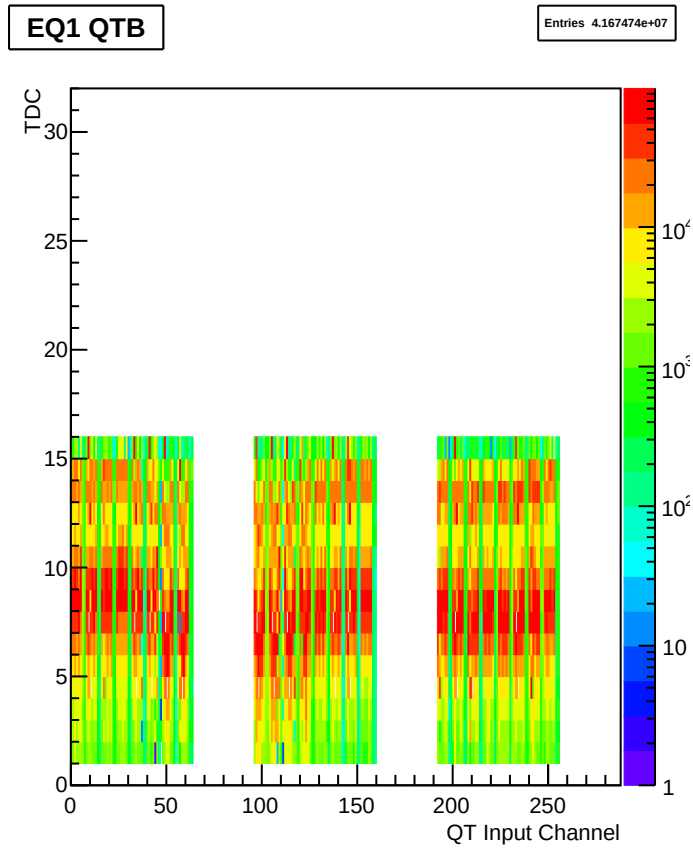

BBQ-VP001 East
Entries 7008112
ADC
QT Input Channel

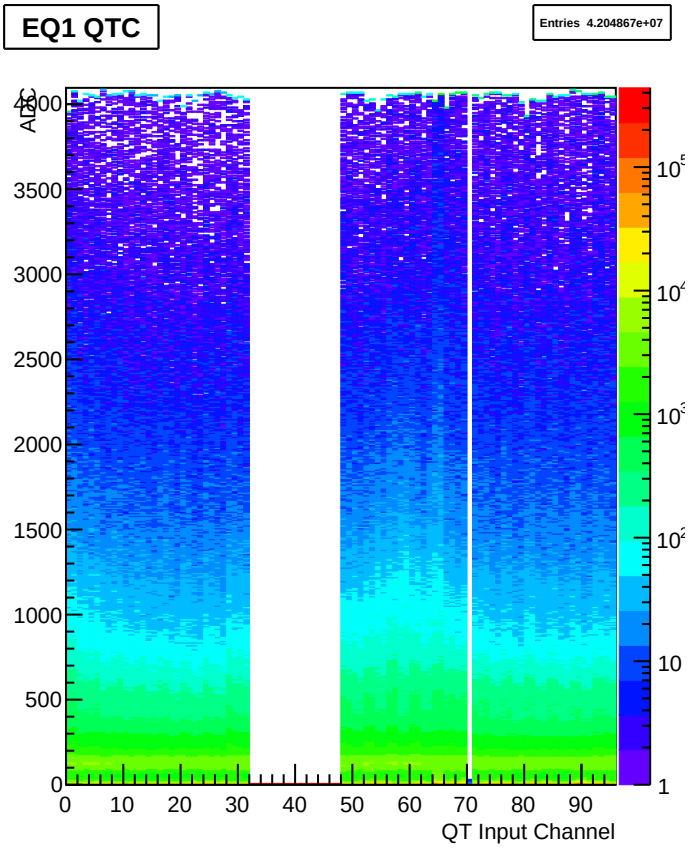

BBQ-VP001 East
Entries 7008112
TADC
QT Input Channel

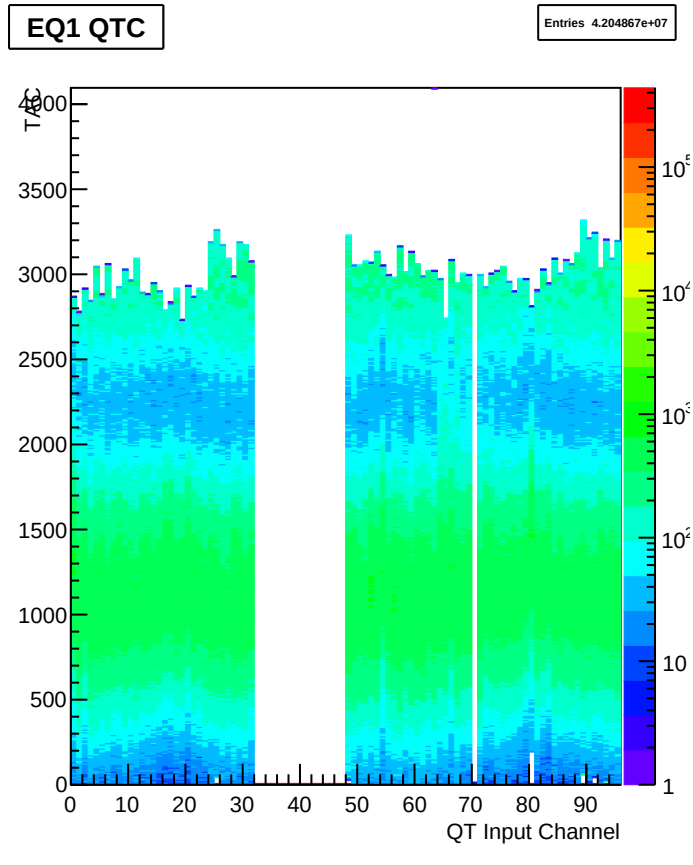

BBQ-VP002 West
Entries 7008112
ADC
QT Input Channel

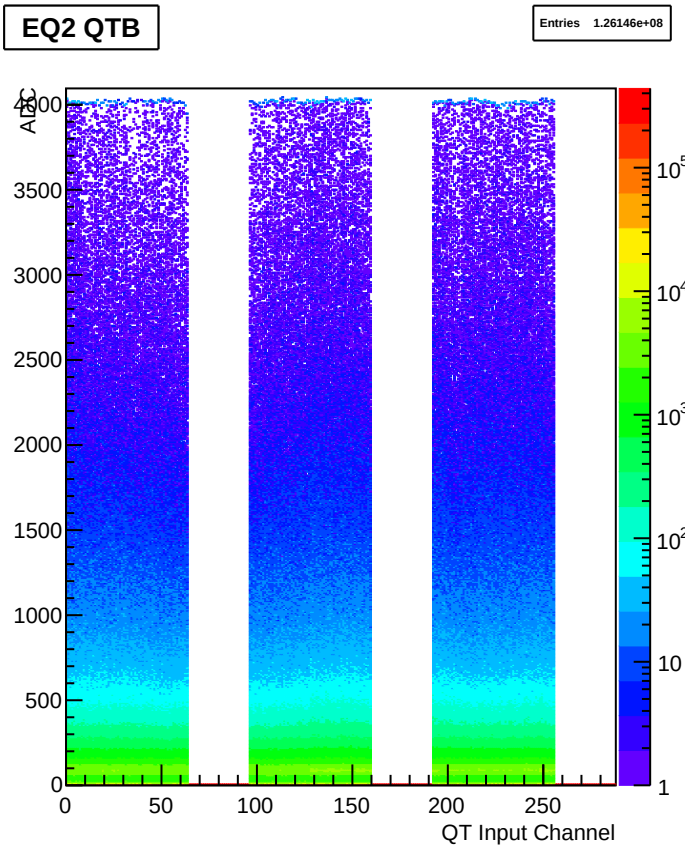

BBQ-VP002 West
Entries 7008112
TADC
QT Input Channel

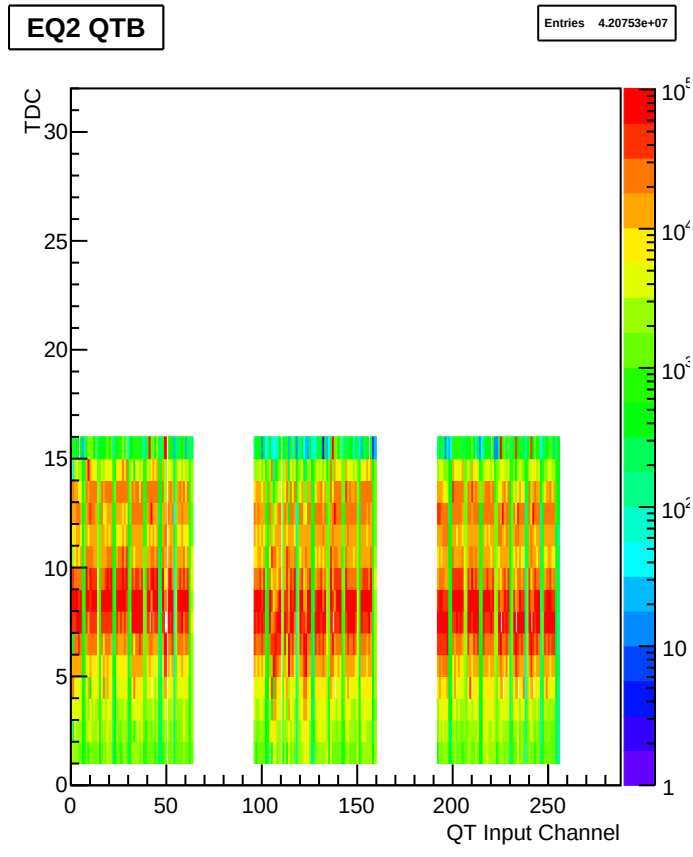

EQ1 QTB
Entries 1.26146e+08
ADC
QT Input Channel

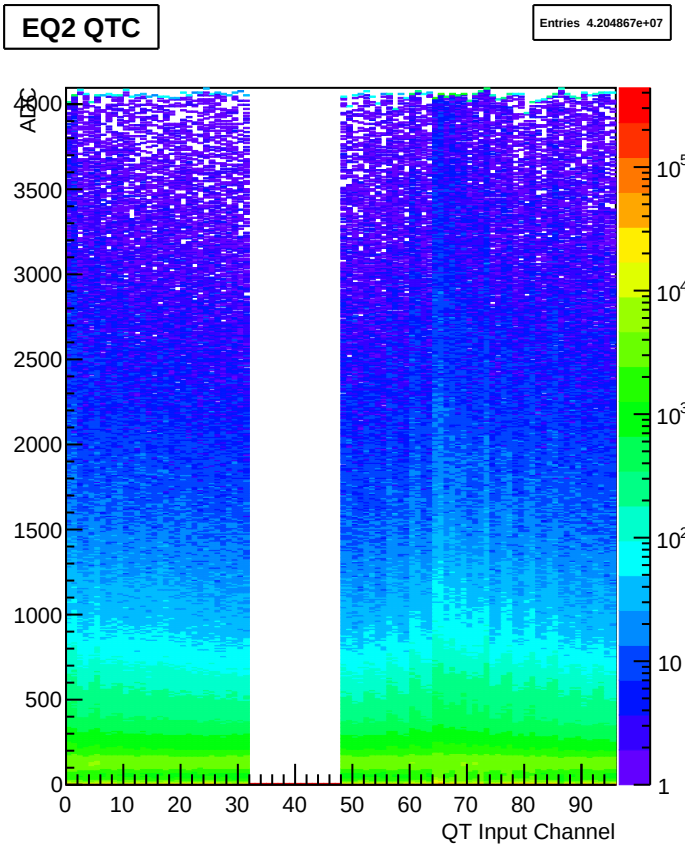

EQ1 QTB
Entries 4.167474e+07
TDC
QT Input Channel

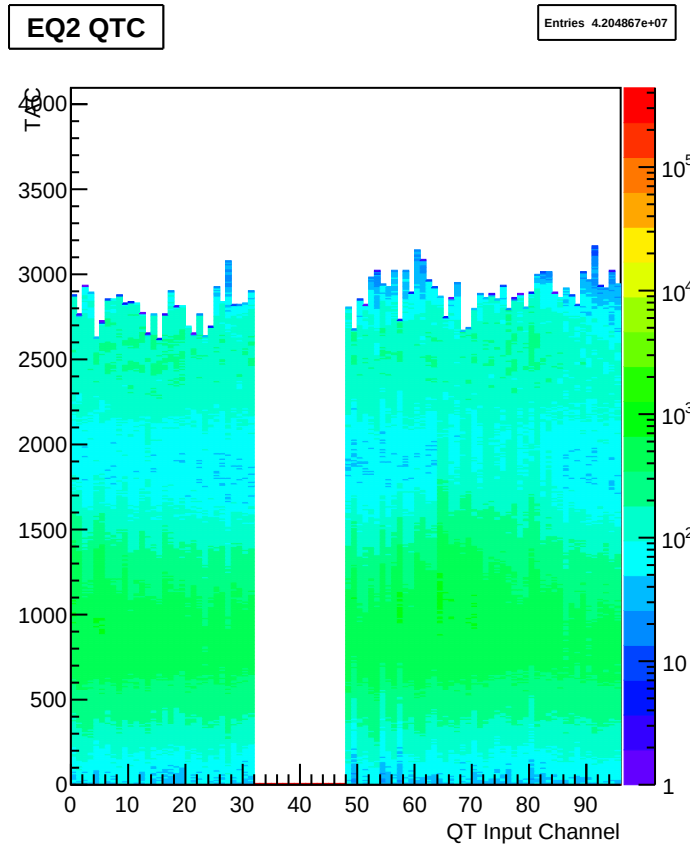

EQ1 QTC
Entries 4.204867e+07
ADC
QT Input Channel

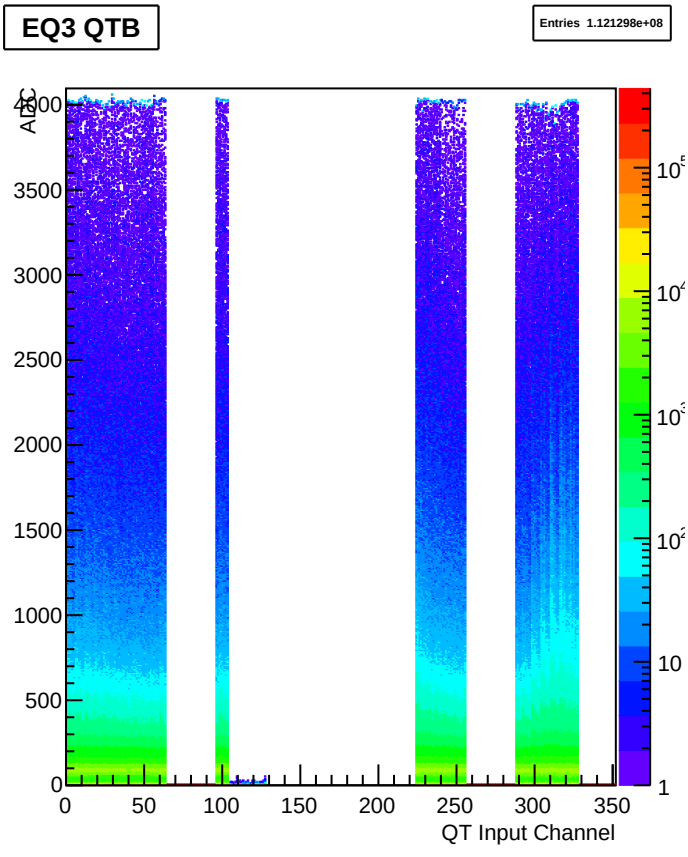

EQ1 QTC
Entries 4.204867e+07
TADC
QT Input Channel

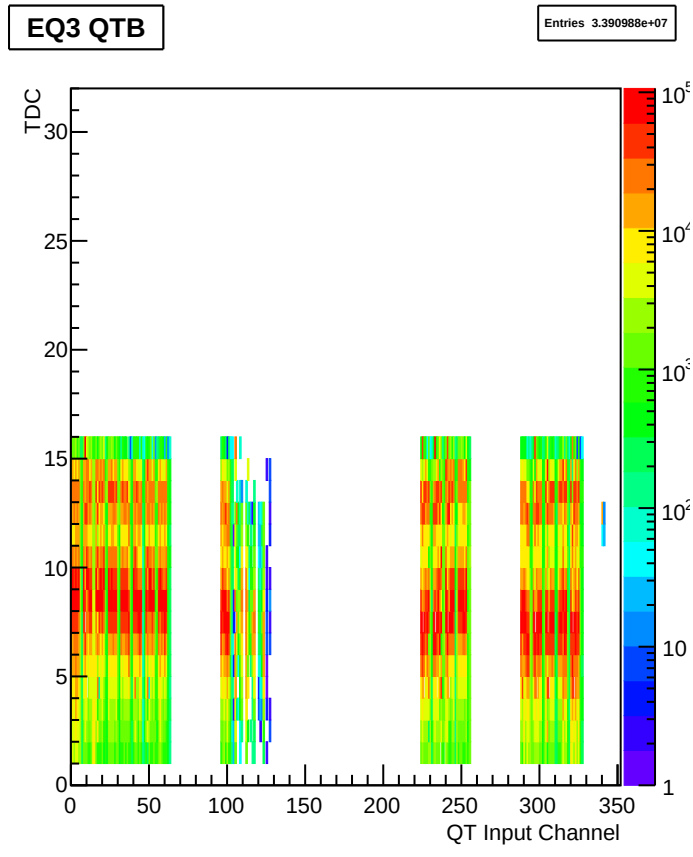

EQ2 QTB
Entries 1.26146e+08
ADC
QT Input Channel

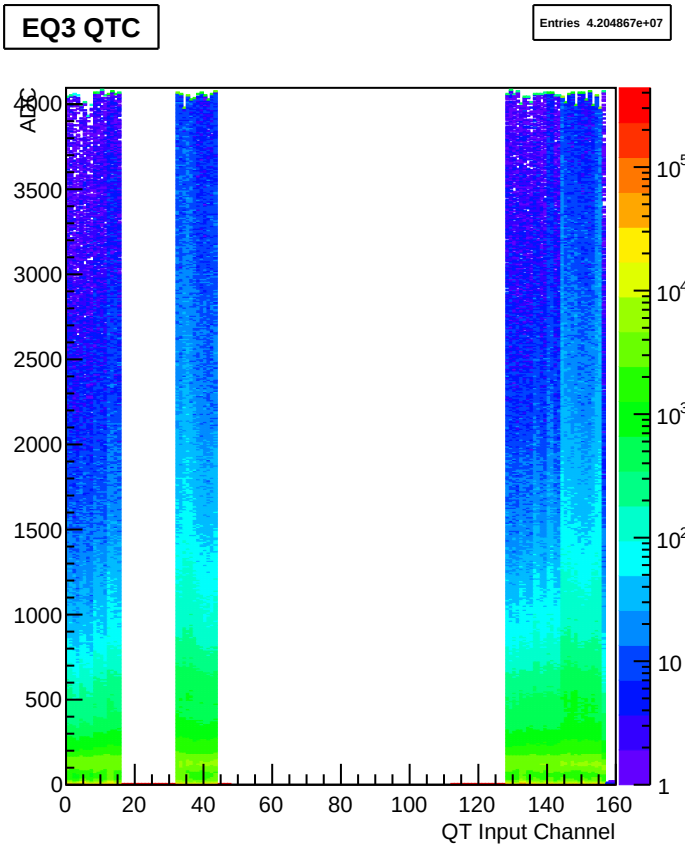

EQ2 QTB
Entries 4.20753e+07
TDC
QT Input Channel

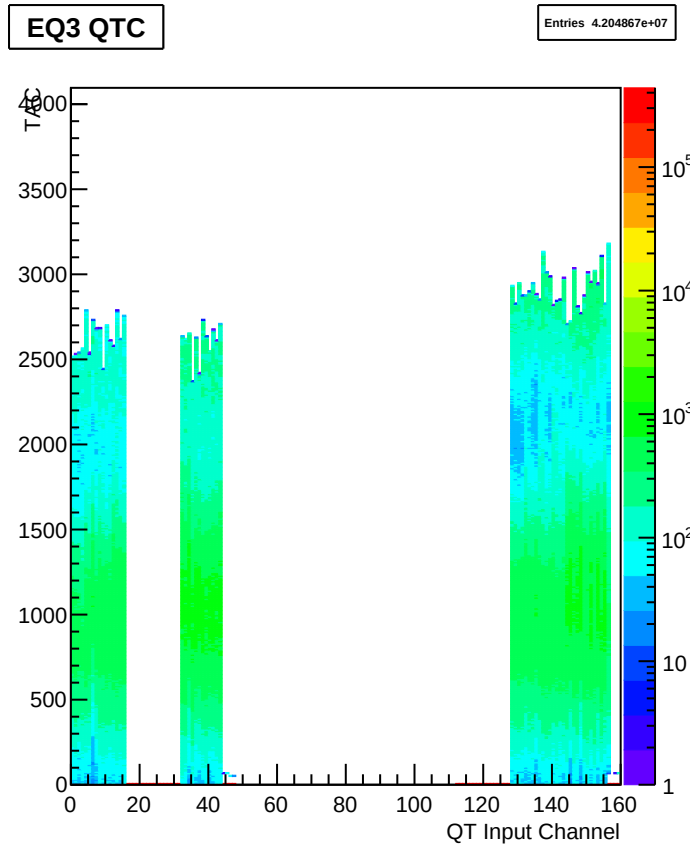

EQ2 QTC
Entries 4.204867e+07
ADC
QT Input Channel

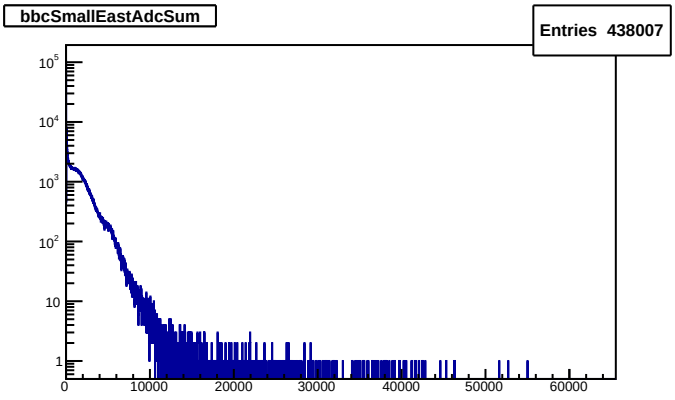

EQ2 QTC
Entries 4.204867e+07
TADC
QT Input Channel

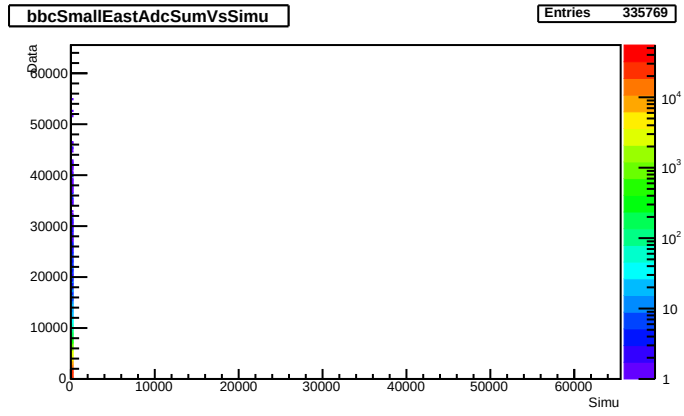

EQ3 QTB
Entries 1.121298e+08
ADC
QT Input Channel

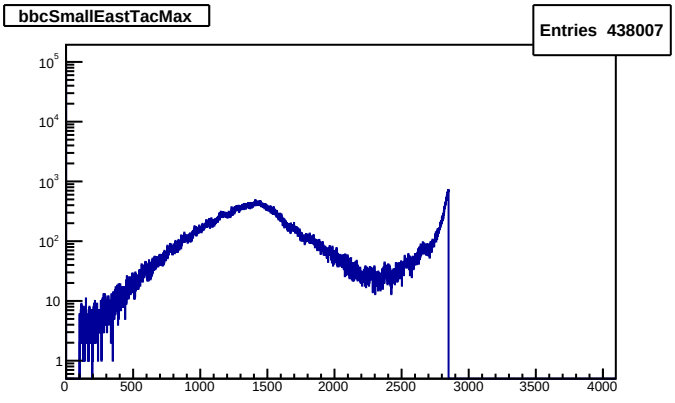

EQ3 QTB
Entries 3.390988e+07
TDC
QT Input Channel

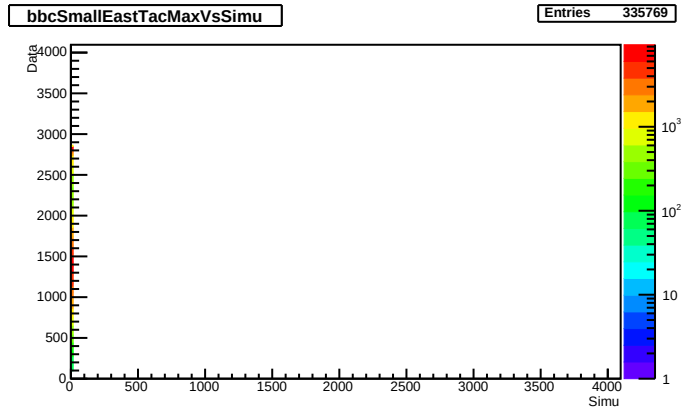

EQ3 QTC
Entries 4.204867e+07
ADC
QT Input Channel

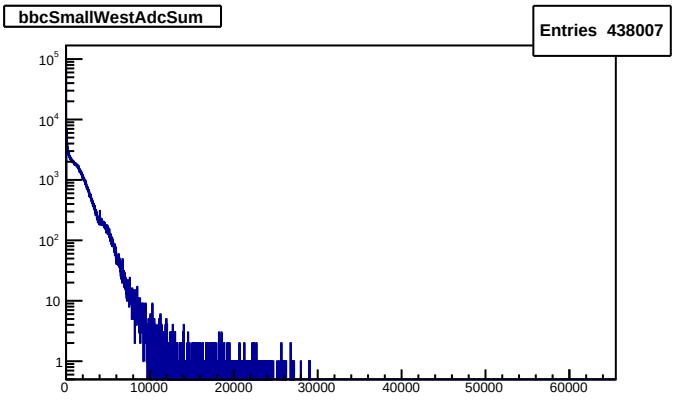

EQ3 QTC
Entries 4.204867e+07
TADC
QT Input Channel

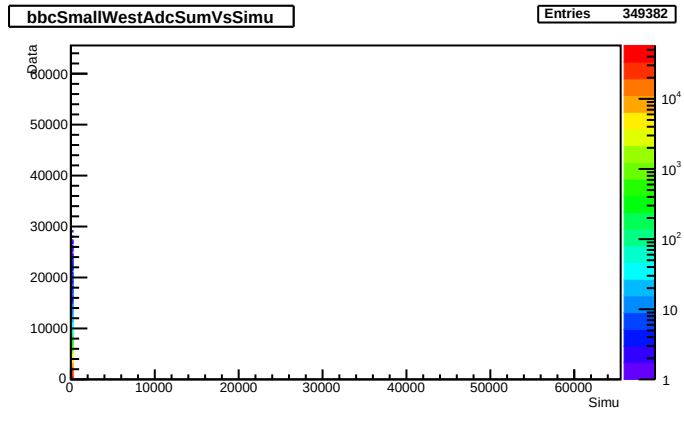

bbcSmallEastAdcSum
Entries 438007

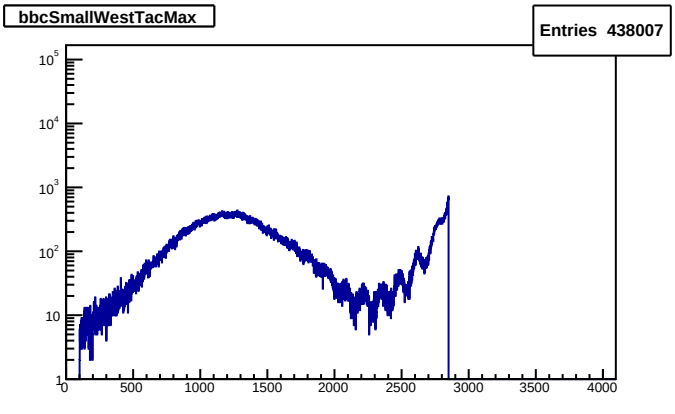

bbcSmallEastAdcSumVsSimu
Entries 335769
Data
Simu

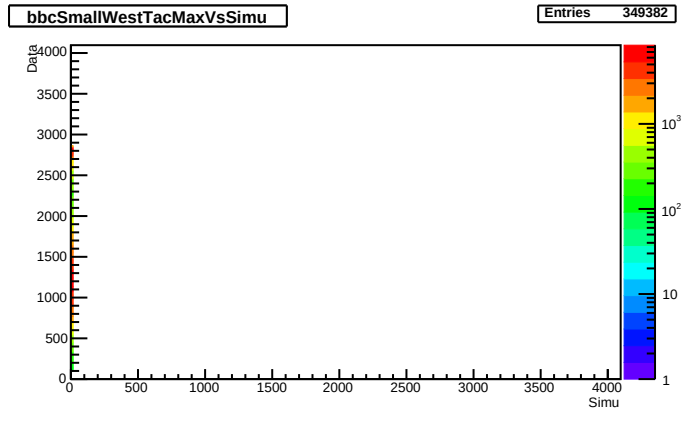

bbcSmallEastTacMax
Entries 438007

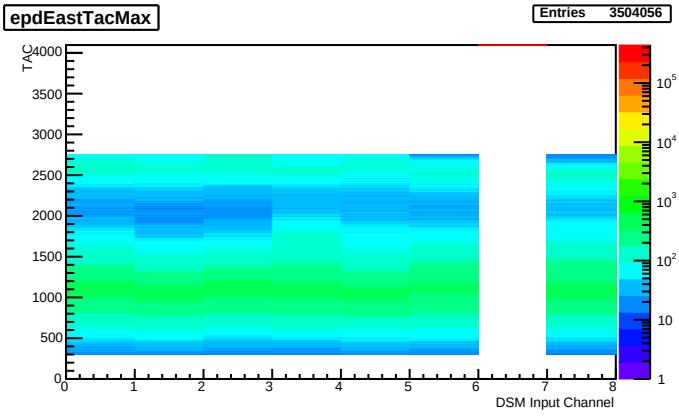

bbcSmallEastTacMaxVsSimu
Entries 335769
Data
Simu

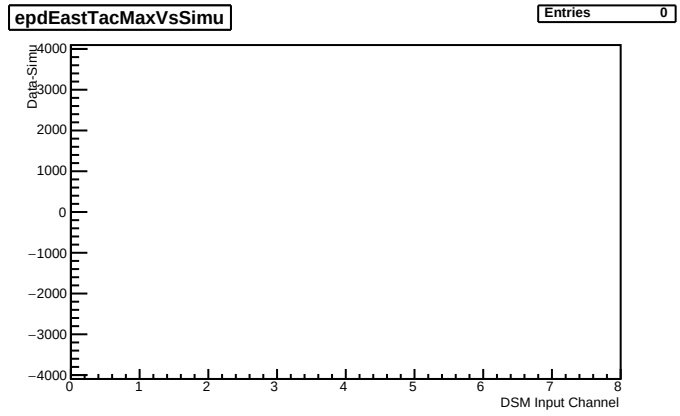

bbcSmallWestAdcSum
Entries 438007

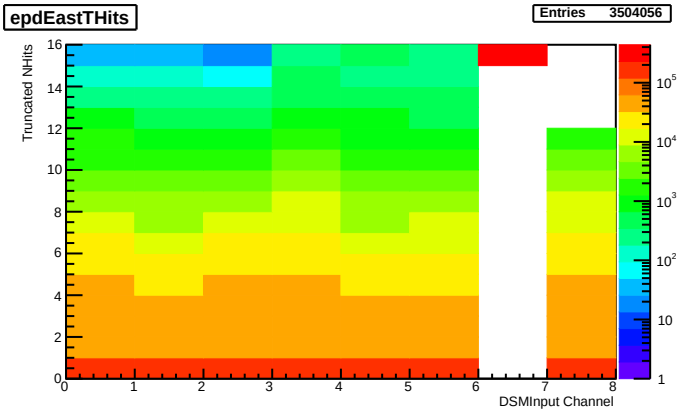

bbcSmallWestAdcSumVsSimu
Entries 349382
Data
Simu

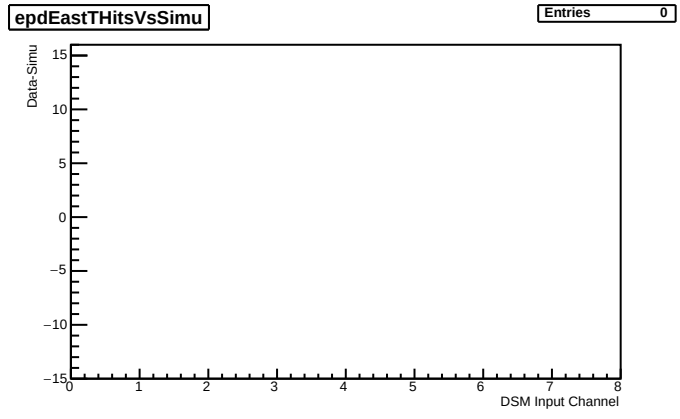

bbcSmallWestTacMax
Entries 438007

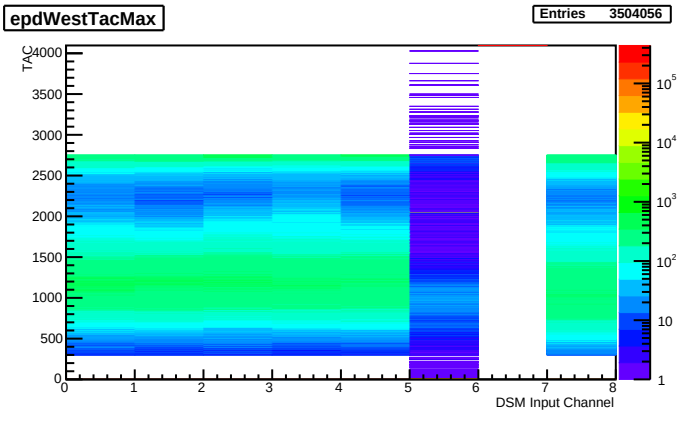

bbcSmallWestTacMaxVsSimu
Entries 349382
Data
Simu

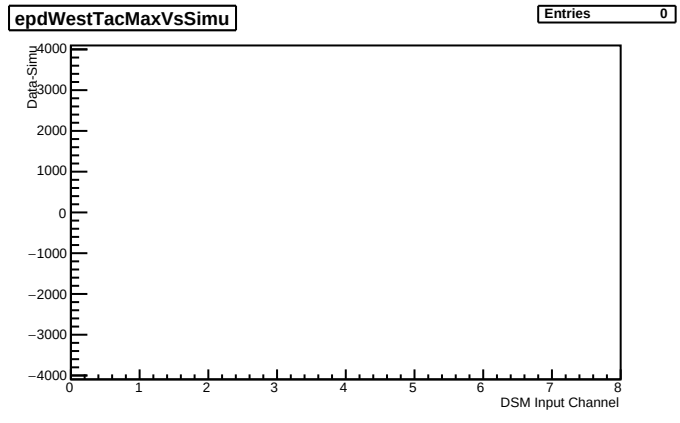

epdEastTacMax
Entries 3504056
TAC
DSM Input Channel

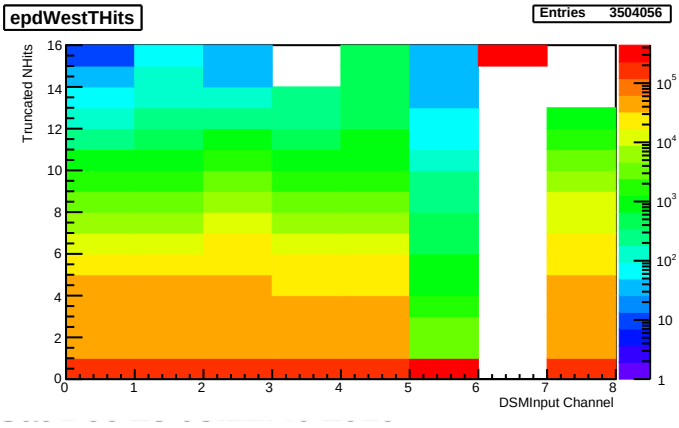

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

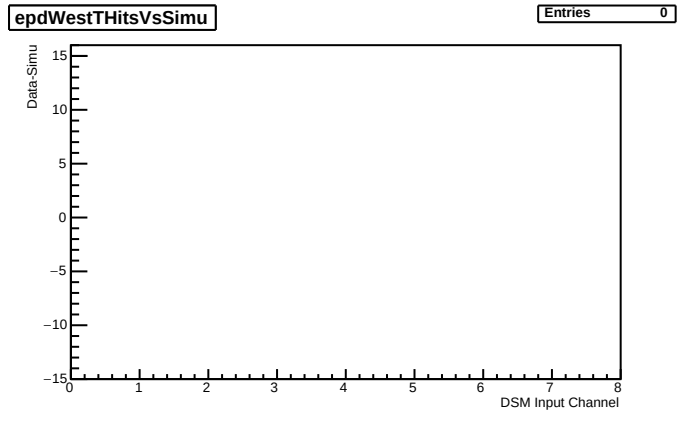

epdEastTHits
Entries 3504056
Truncated NHits
DSMInput Channel

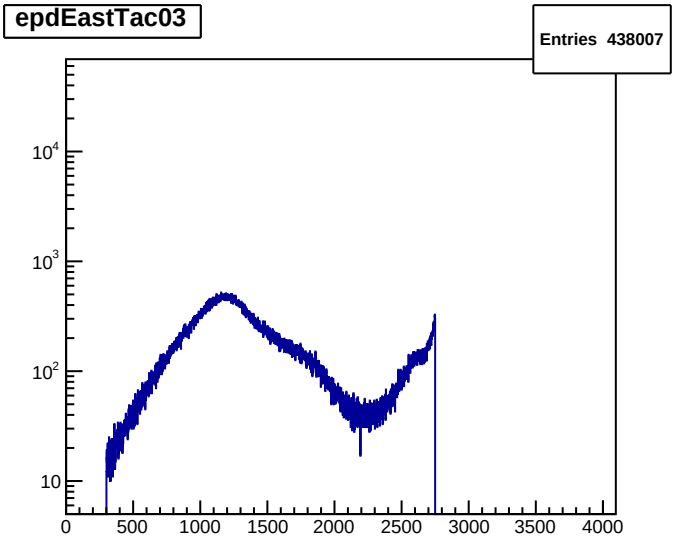

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

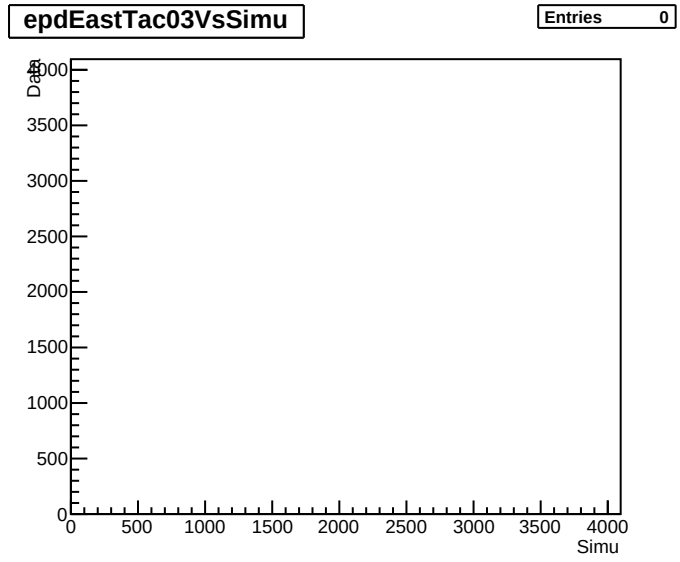

epdWestTacMax
Entries 3504056
TAC
DSM Input Channel

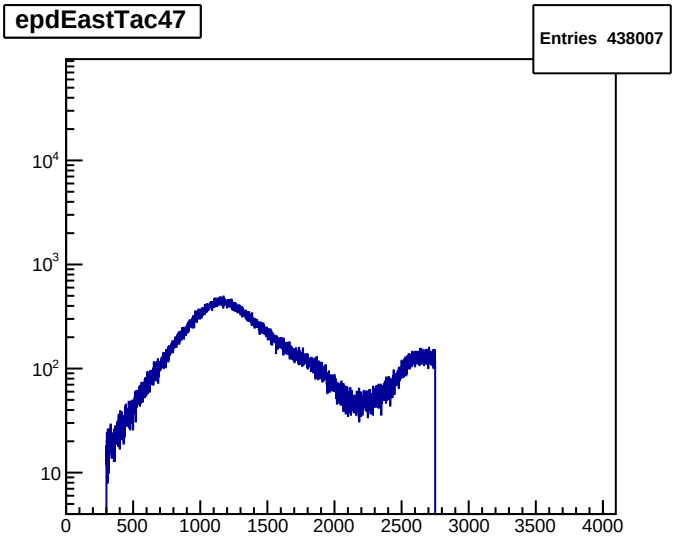

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

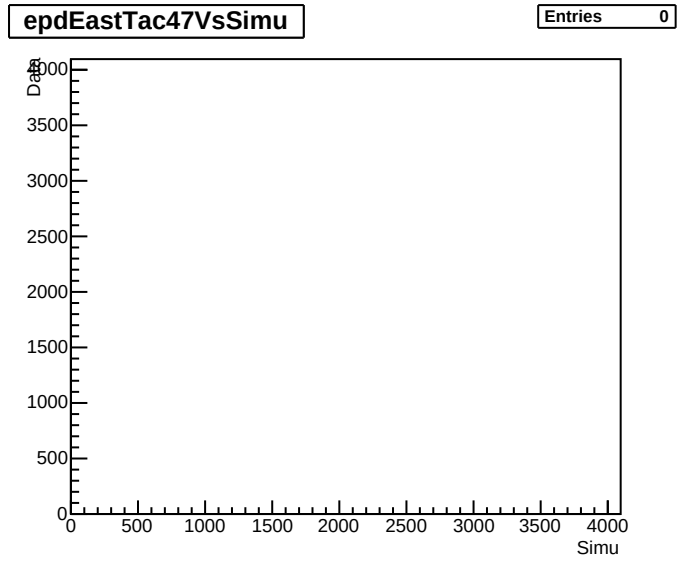

epdWestTHits
Entries 3504056
Truncated NHits
DSMInput Channel

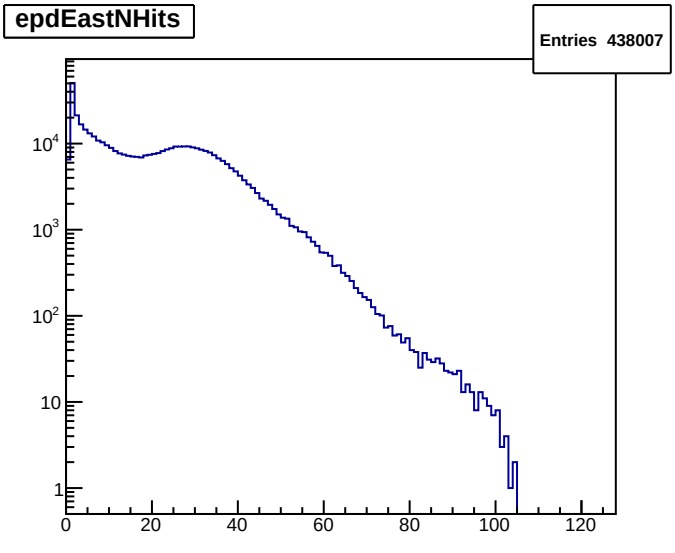

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

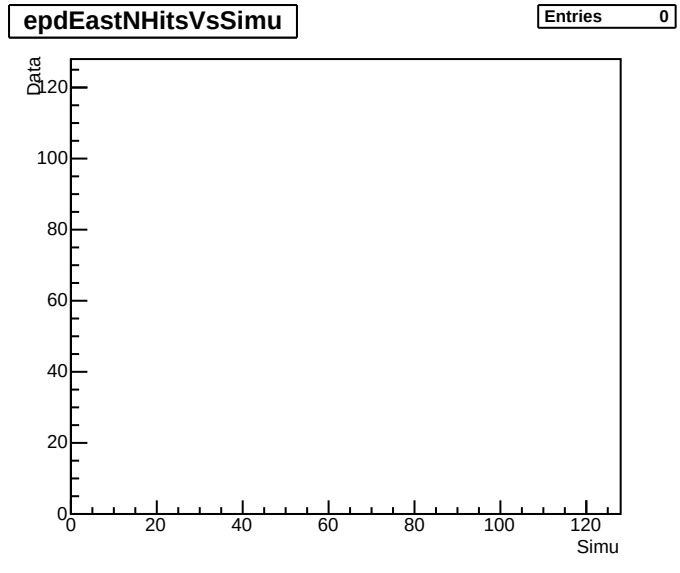

epdEastTac03
Entries 438007

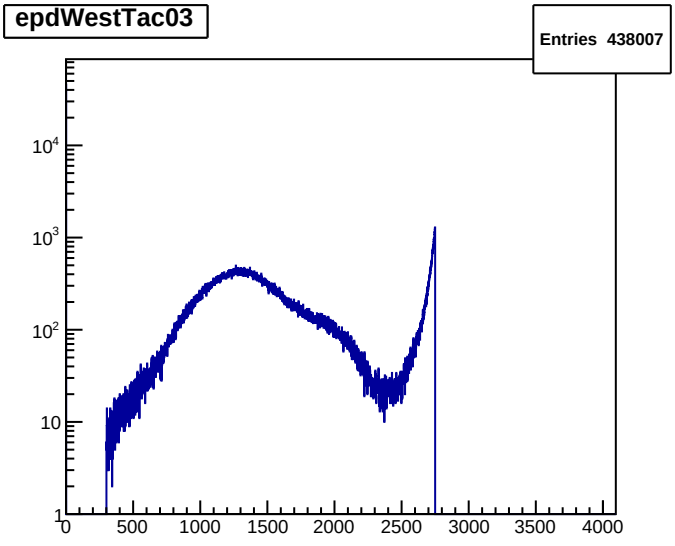

epdEastTac03VsSimu
Entries 0
Data
Simu

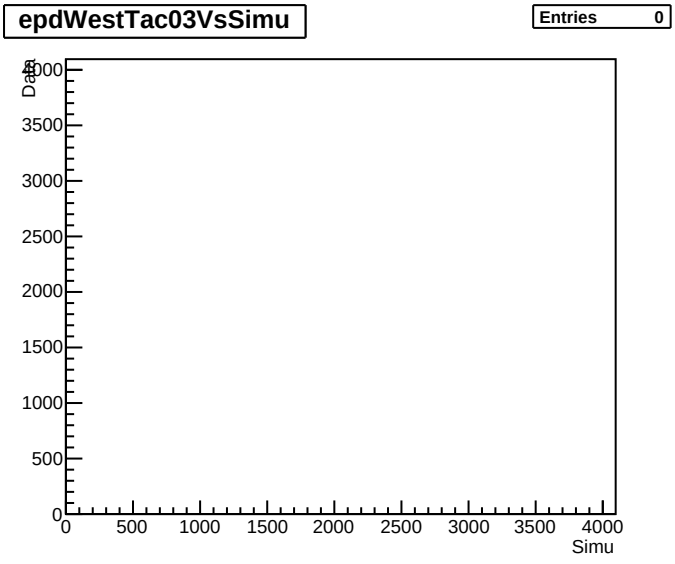

epdEastTac47
Entries 438007

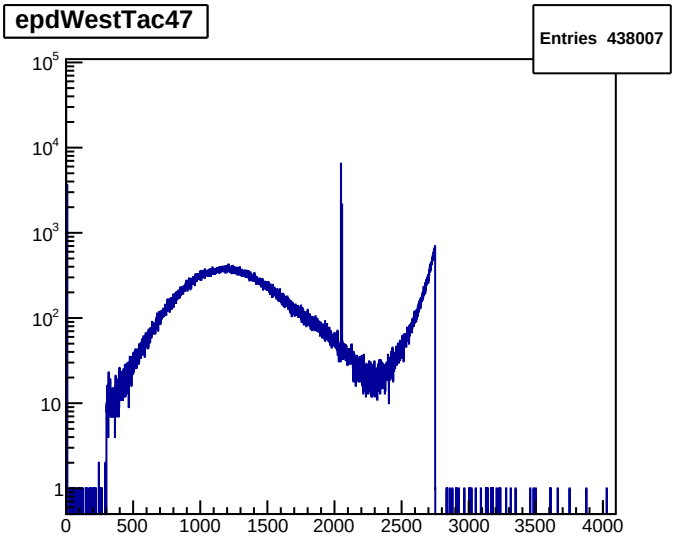

epdEastTac47VsSimu
Entries 0
Data
Simu

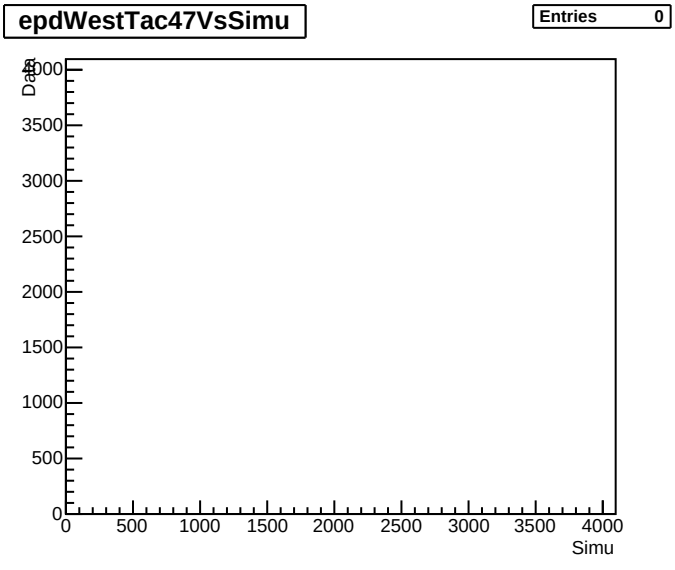

epdEastNHits
Entries 438007

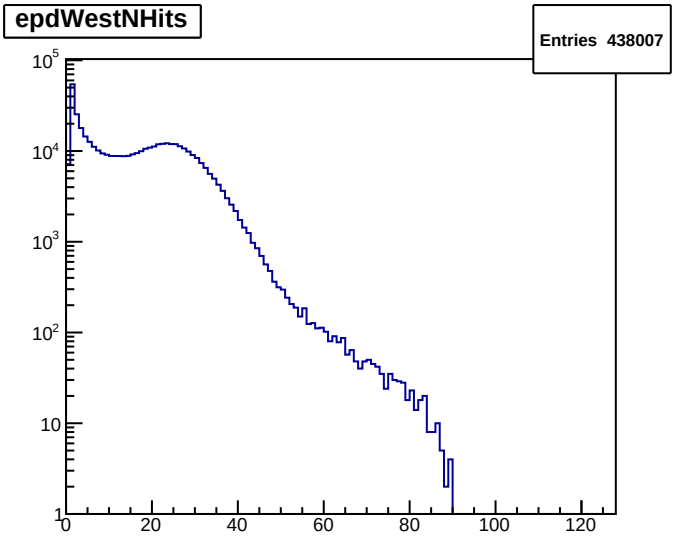

epdEastNHitsVsSimu
Entries 0
Data
Simu

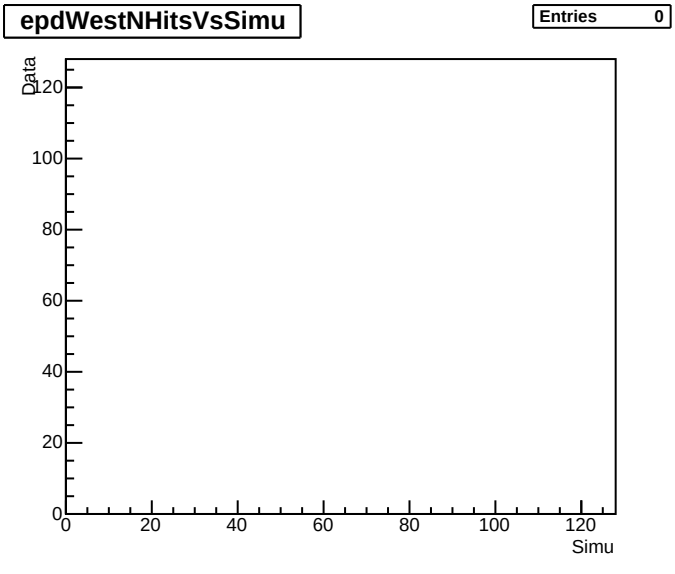

epdWestTac03
Entries 438007

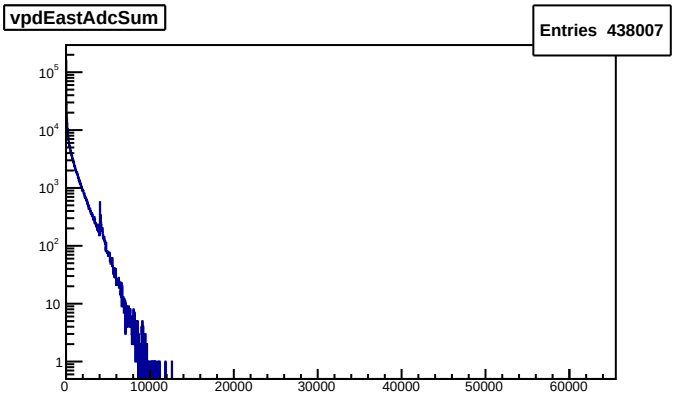

epdWestTac03VsSimu
Entries 0
Data
Simu

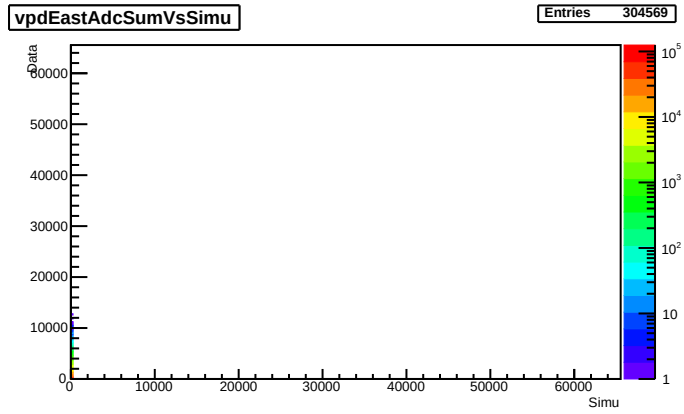

epdWestTac47
Entries 438007

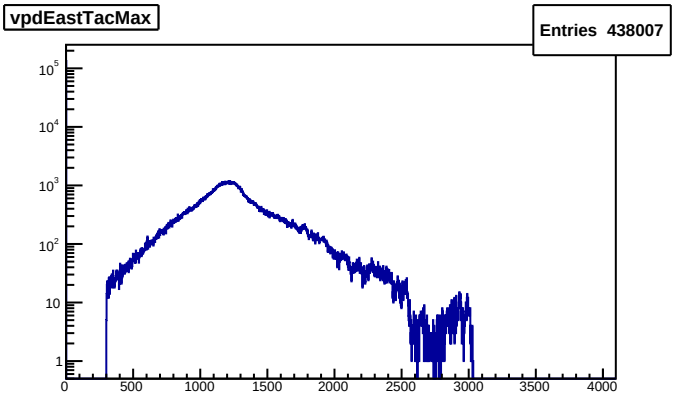

epdWestTac47VsSimu
Entries 0
Data
Simu

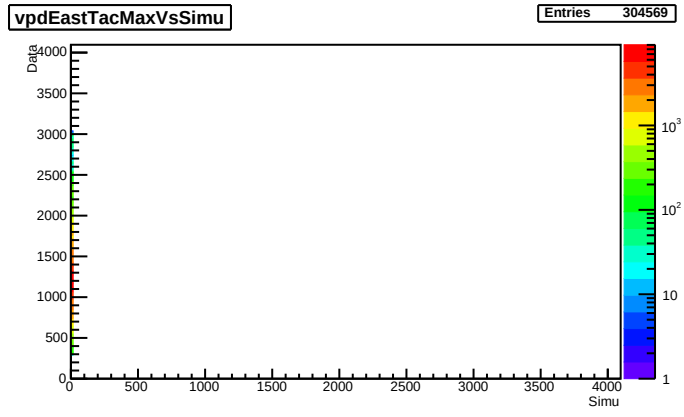

epdWestNHits
Entries 438007

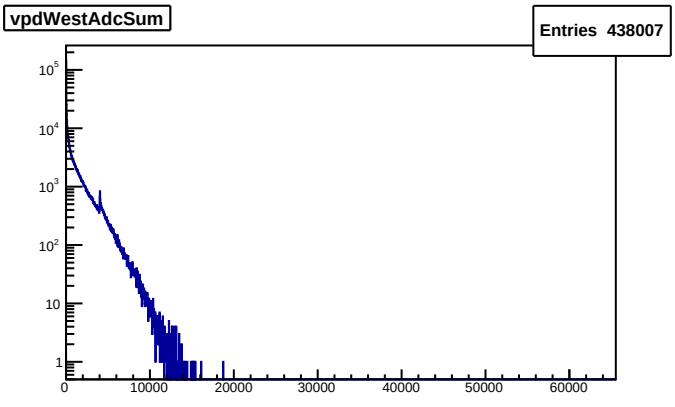

epdWestNHitsVsSimu
Entries 0
Data
Simu

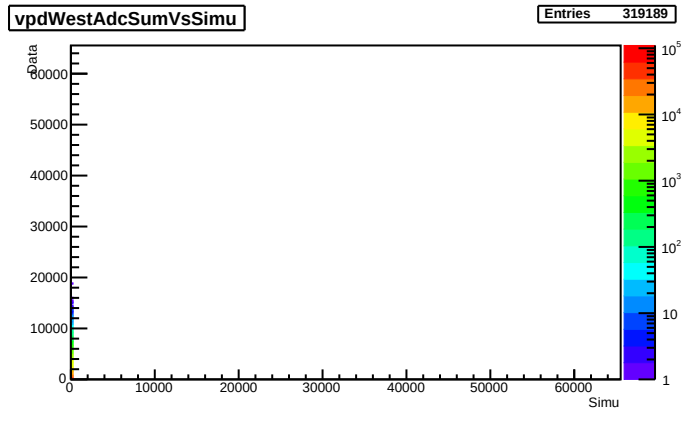

vpdEastAdcSum
Entries 438007

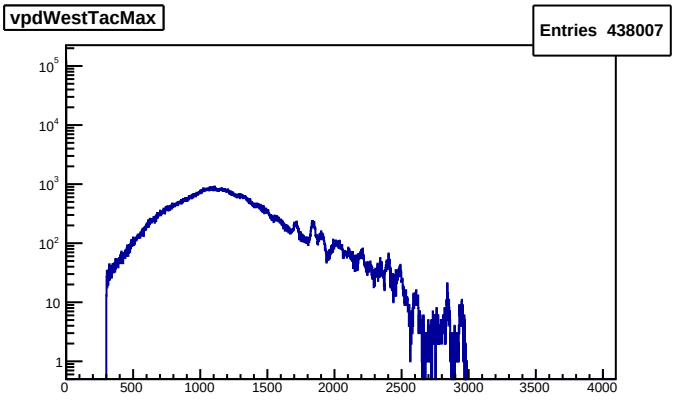

vpdEastAdcSumVsSimu
Entries 304569
Data
Simu

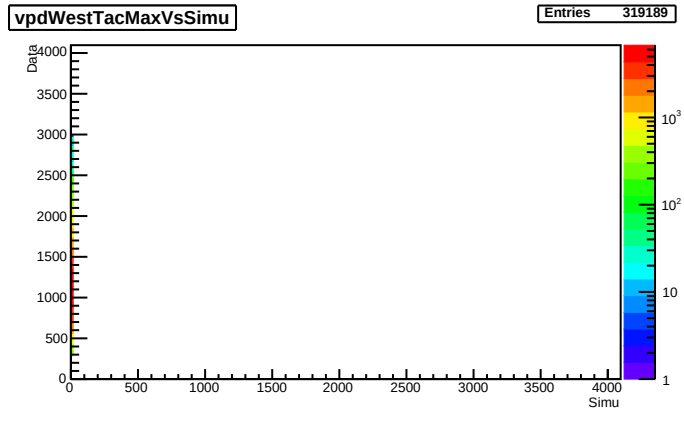

vpdEastTacMax
Entries 438007

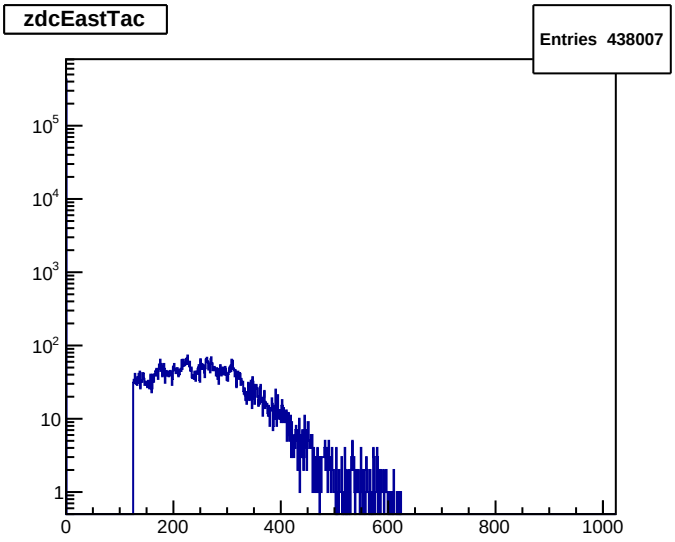

vpdEastTacMaxVsSimu
Entries 304569
Data
Simu

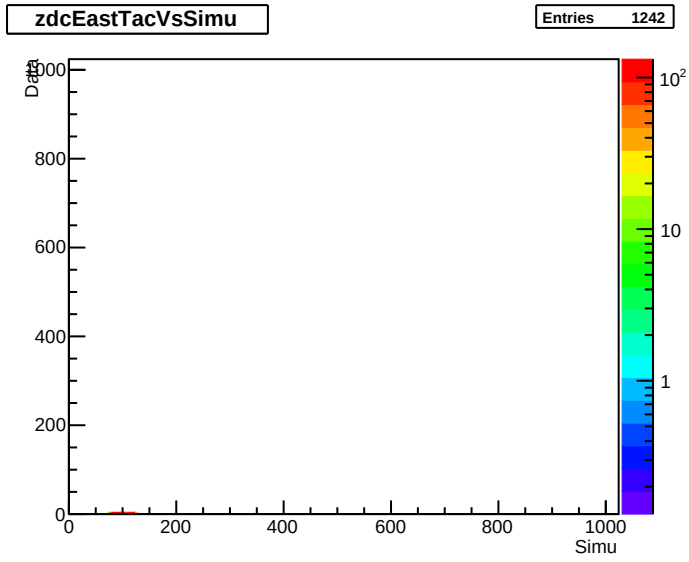

vpdWestAdcSum
Entries 438007

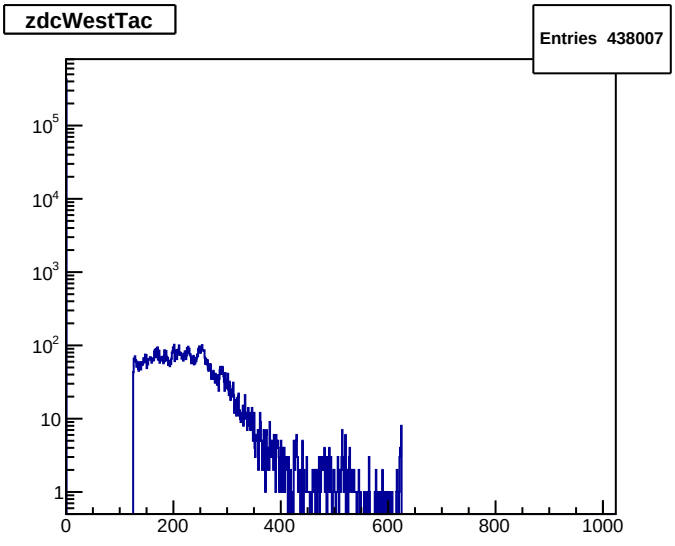

vpdWestAdcSumVsSimu
Entries 319189
Data
Simu

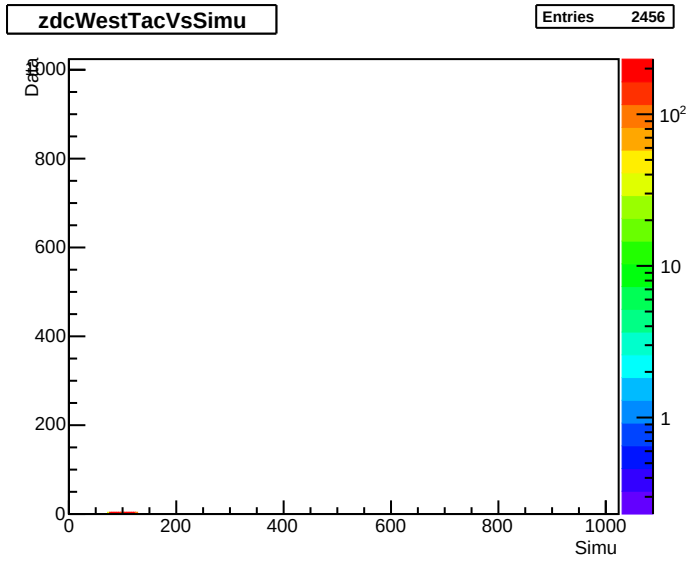

vpdWestTacMax
Entries 438007

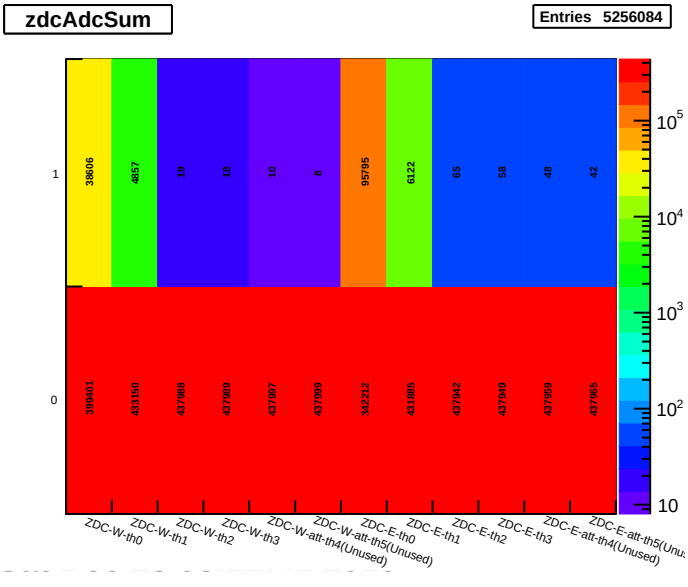

vpdWestTacMaxVsSimu
Entries 319189
Data
Simu

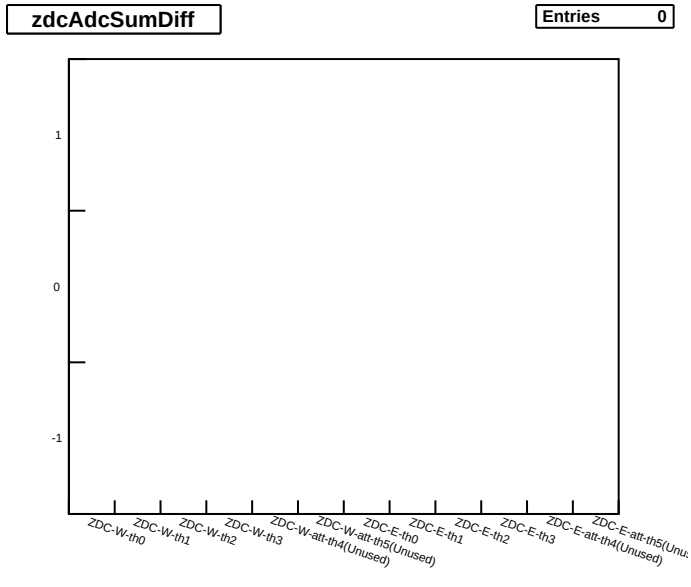

zdcEastTac
Entries 438007

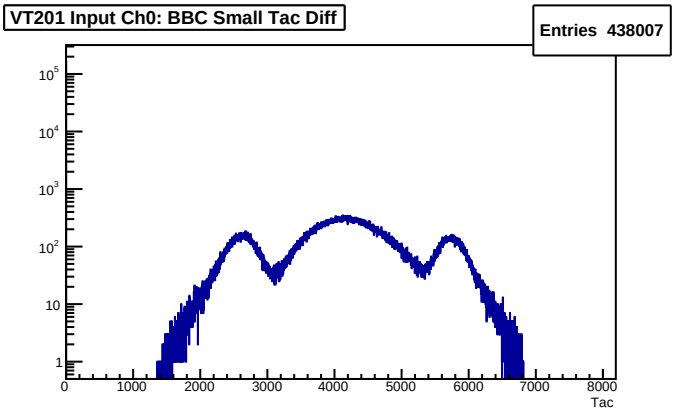

zdcEastTacVsSimu
Entries 1242
Data
Simu

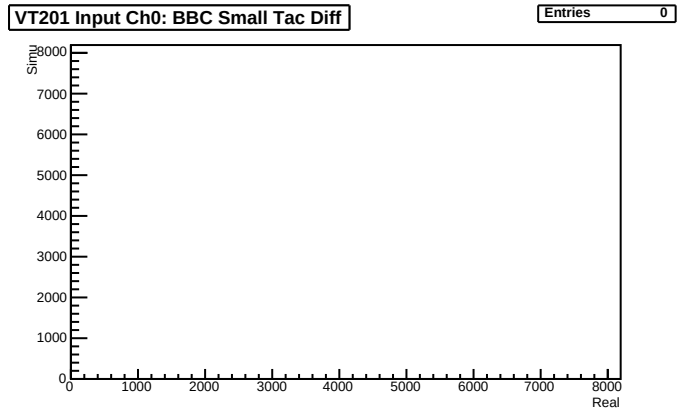

zdcWestTac
Entries 438007

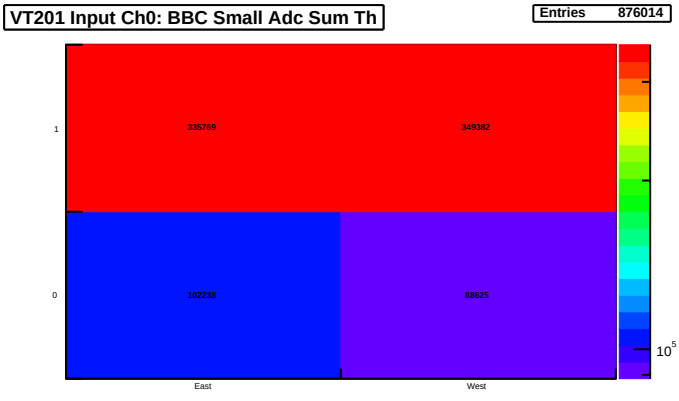

zdcWestTacVsSimu
Entries 2456
Data
Simu

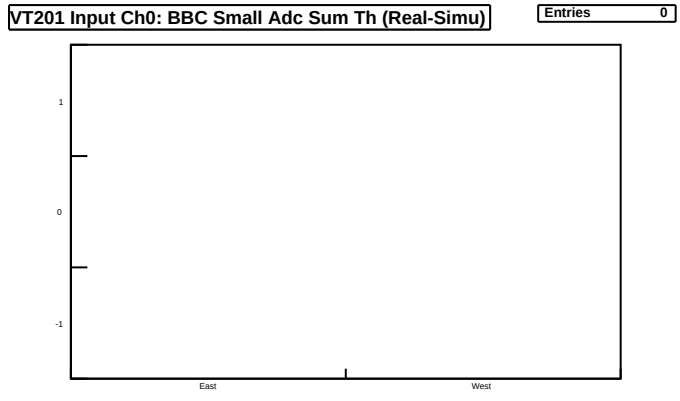

zdcAdcSum
Entries 5256084
38606
4857
19
18
10
8
95795
6122
65
58
48
42
399401
433150
437988
437989
437997
437999
342212
431885
437942
437949
437959
437965
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

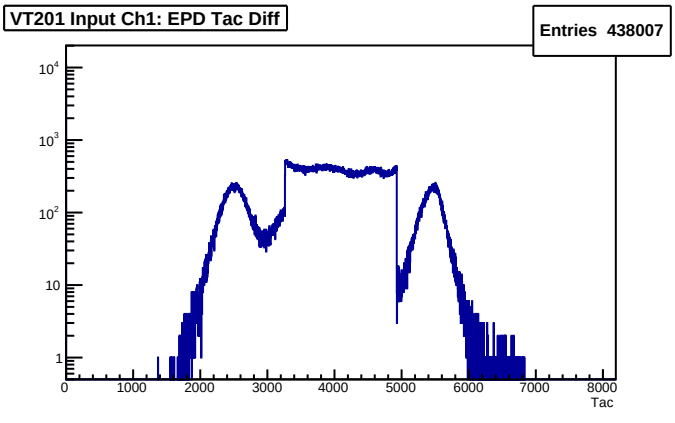

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

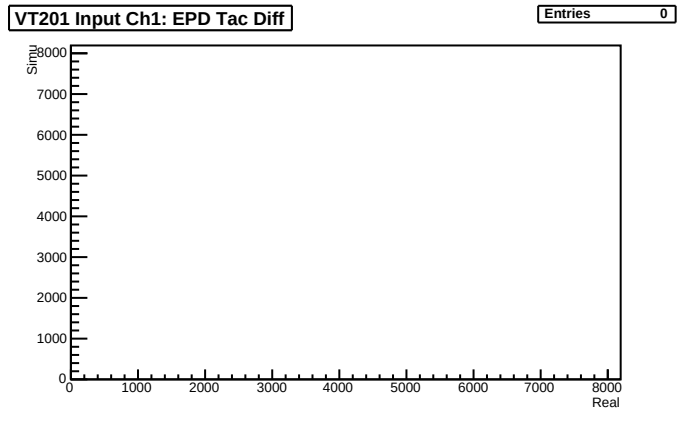

VT201 Input Ch0: BBC Small Tac Diff
Entries 438007
Tac

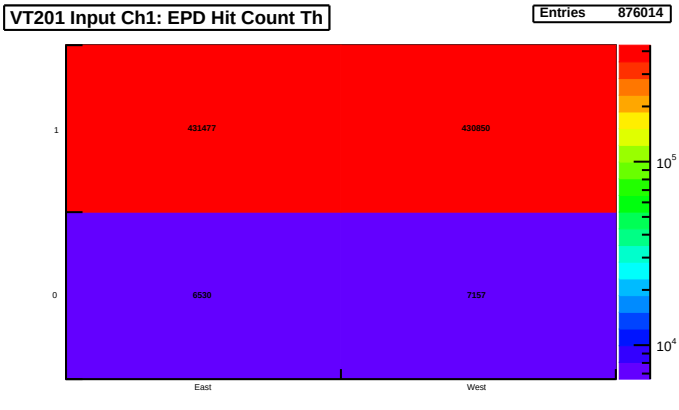

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

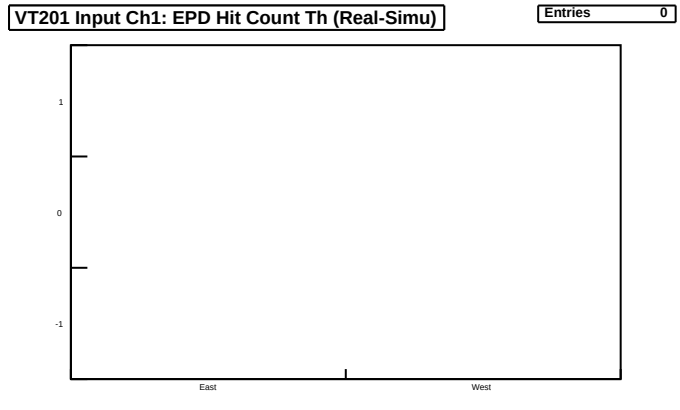

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 876014
335769
349382
102238
88625
East
West

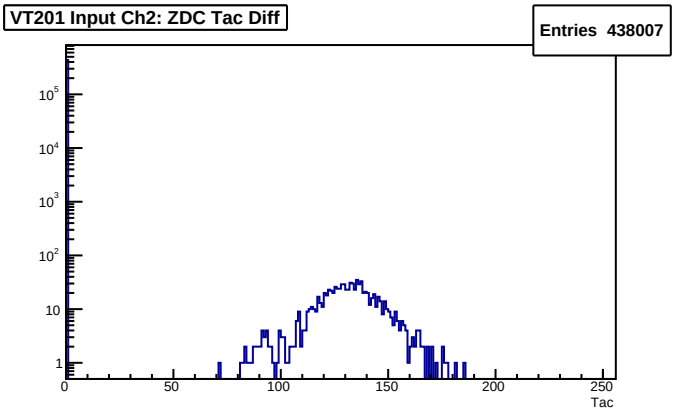

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

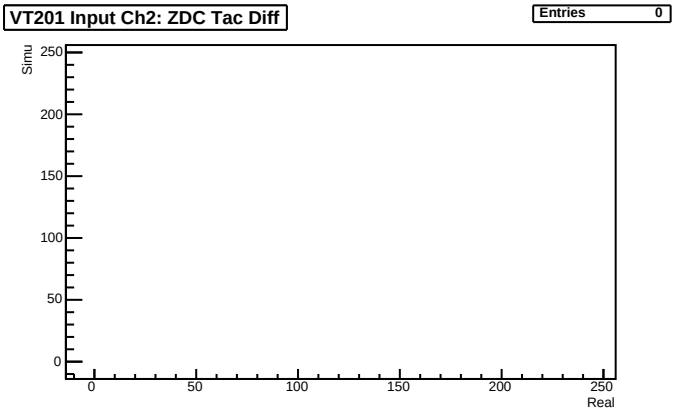

VT201 Input Ch1: EPD Tac Diff
Entries 438007
Tac

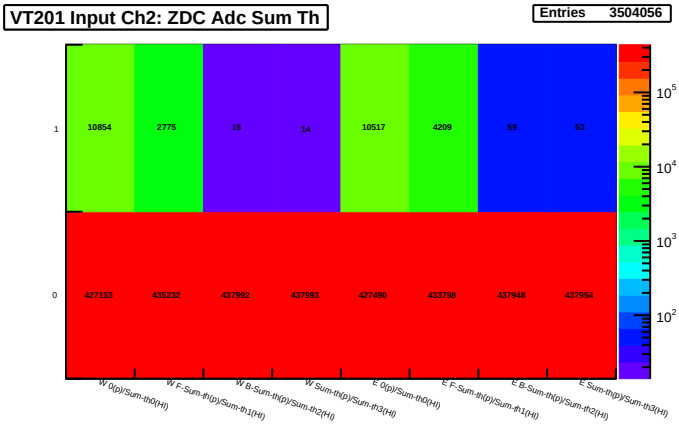

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

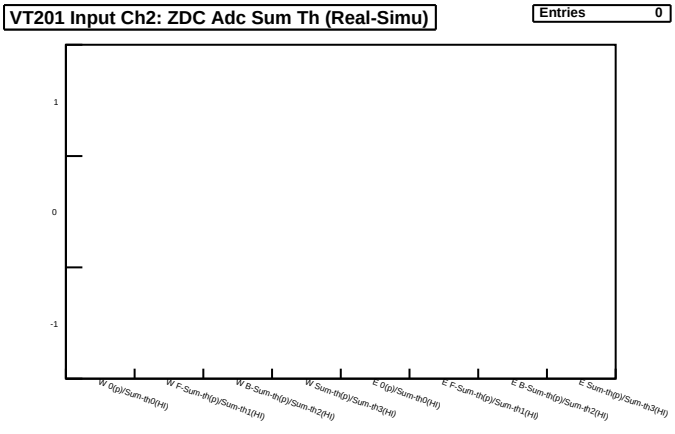

VT201 Input Ch1: EPD Hit Count Th
Entries 876014
431477
430850
6530
7157
East
West

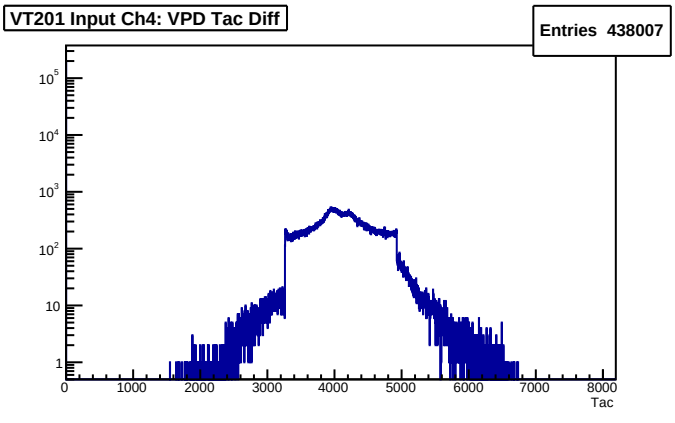

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

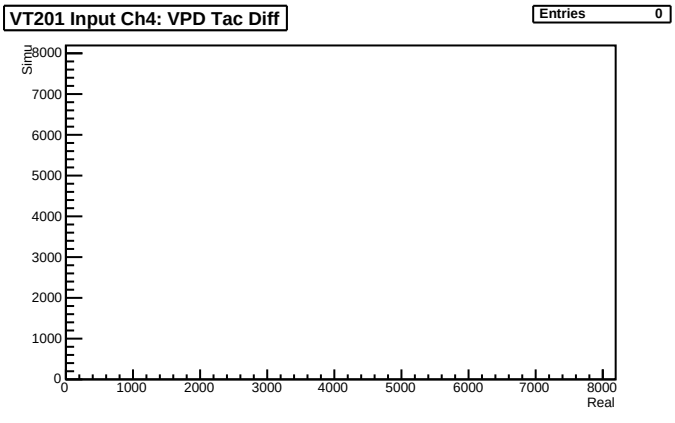

VT201 Input Ch2: ZDC Tac Diff
Entries 438007
Tac

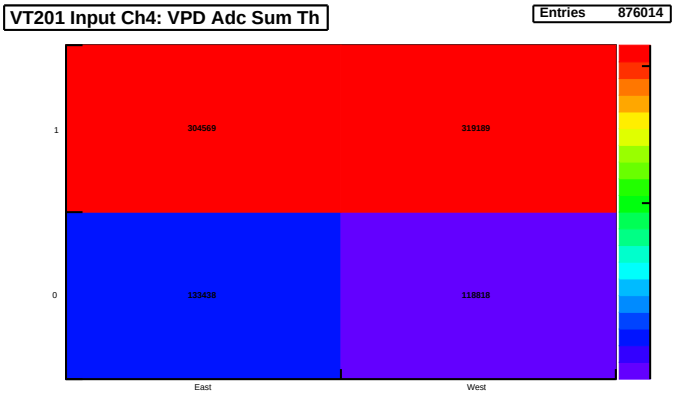

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

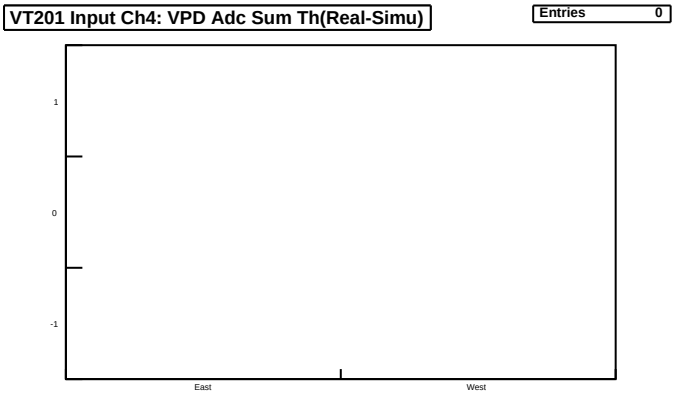

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3504056
10854
2775
15
14
10517
4209
59
53
427153
435232
437992
437993
427490
433798
437948
437954
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

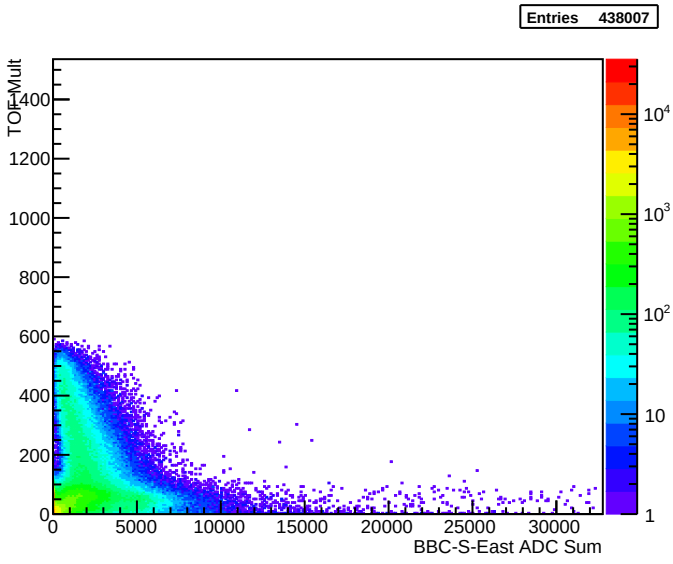

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

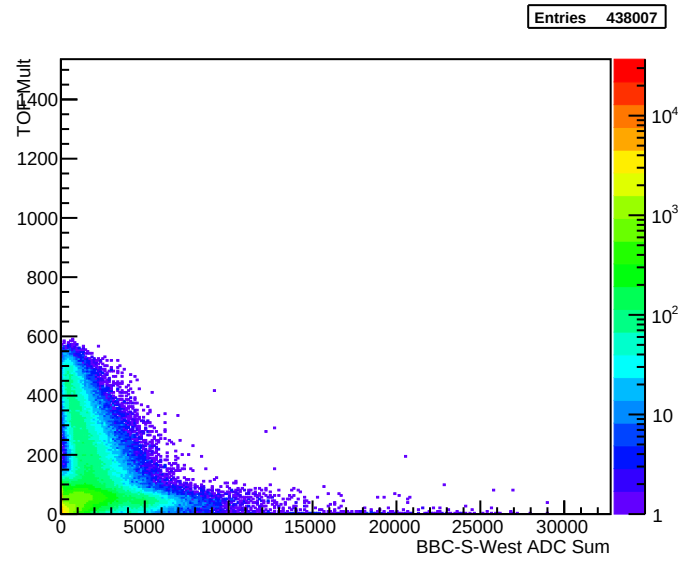

VT201 Input Ch4: VPD Tac Diff
Entries 438007
Tac

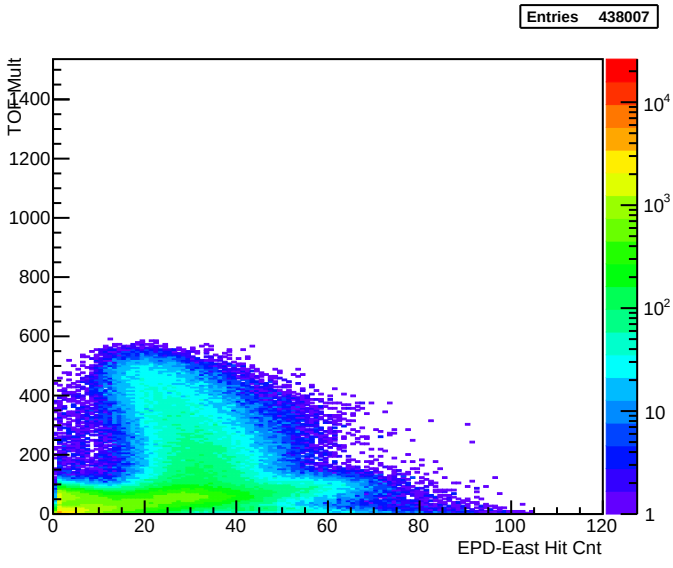

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

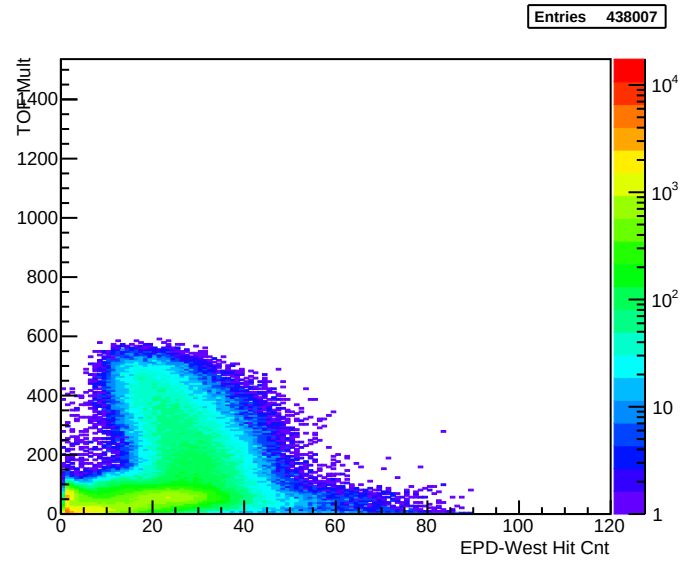

VT201 Input Ch4: VPD Adc Sum Th
Entries 876014
304569
319189
133438
118818
East
West

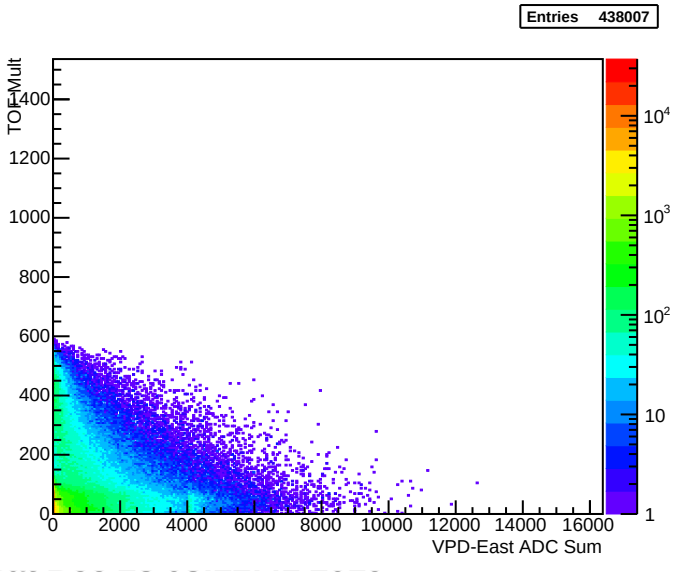

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

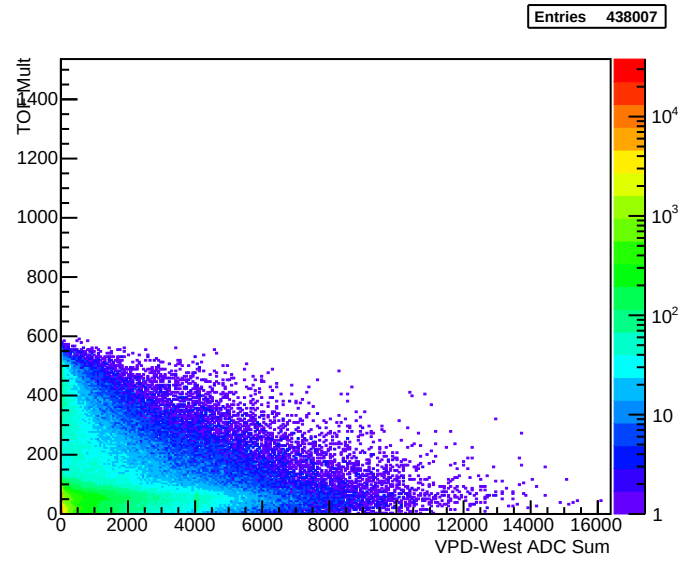

Entries 438007
TOF-Mult
BBC-S-East ADC Sum

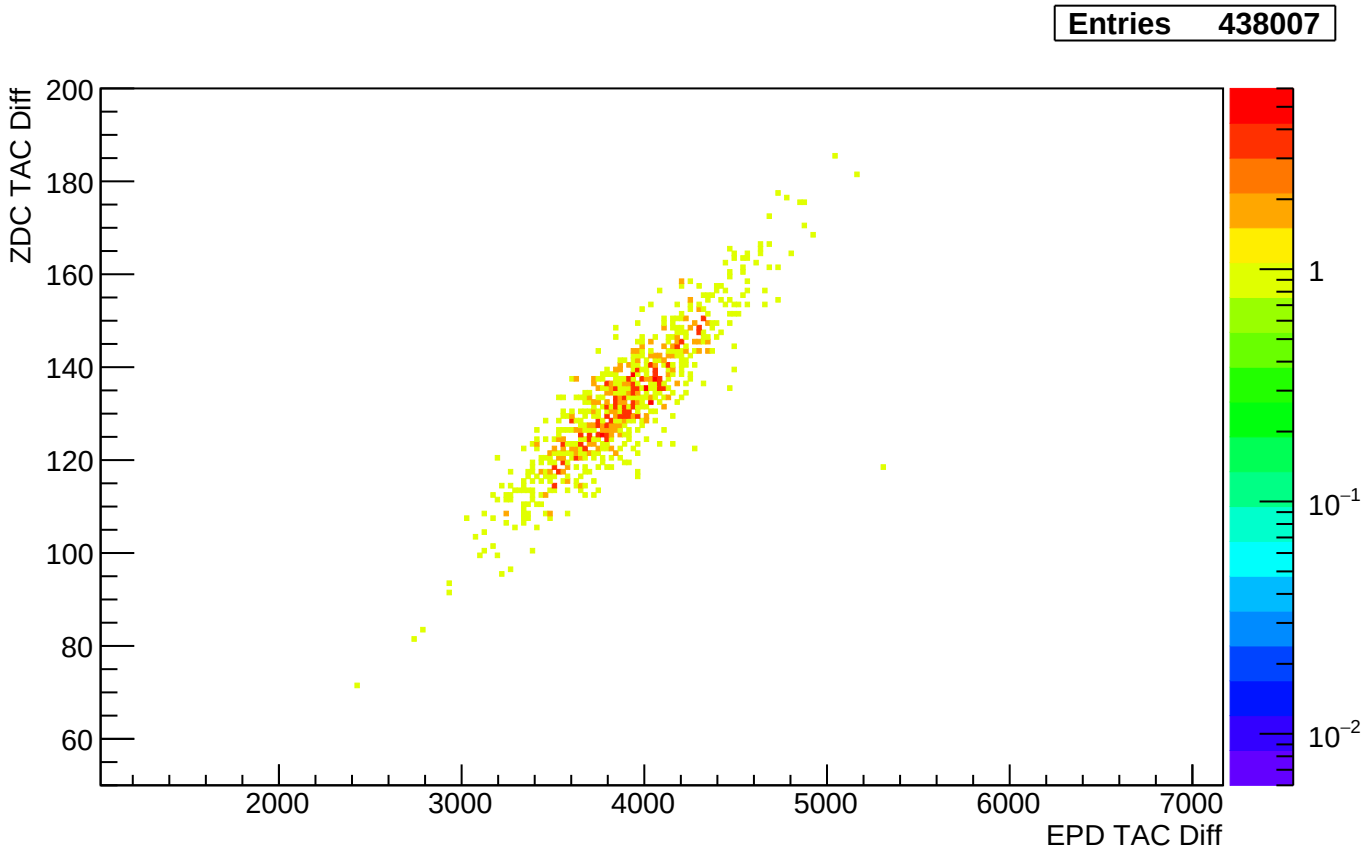

Entries 438007
TOF-Mult
BBC-S-West ADC Sum

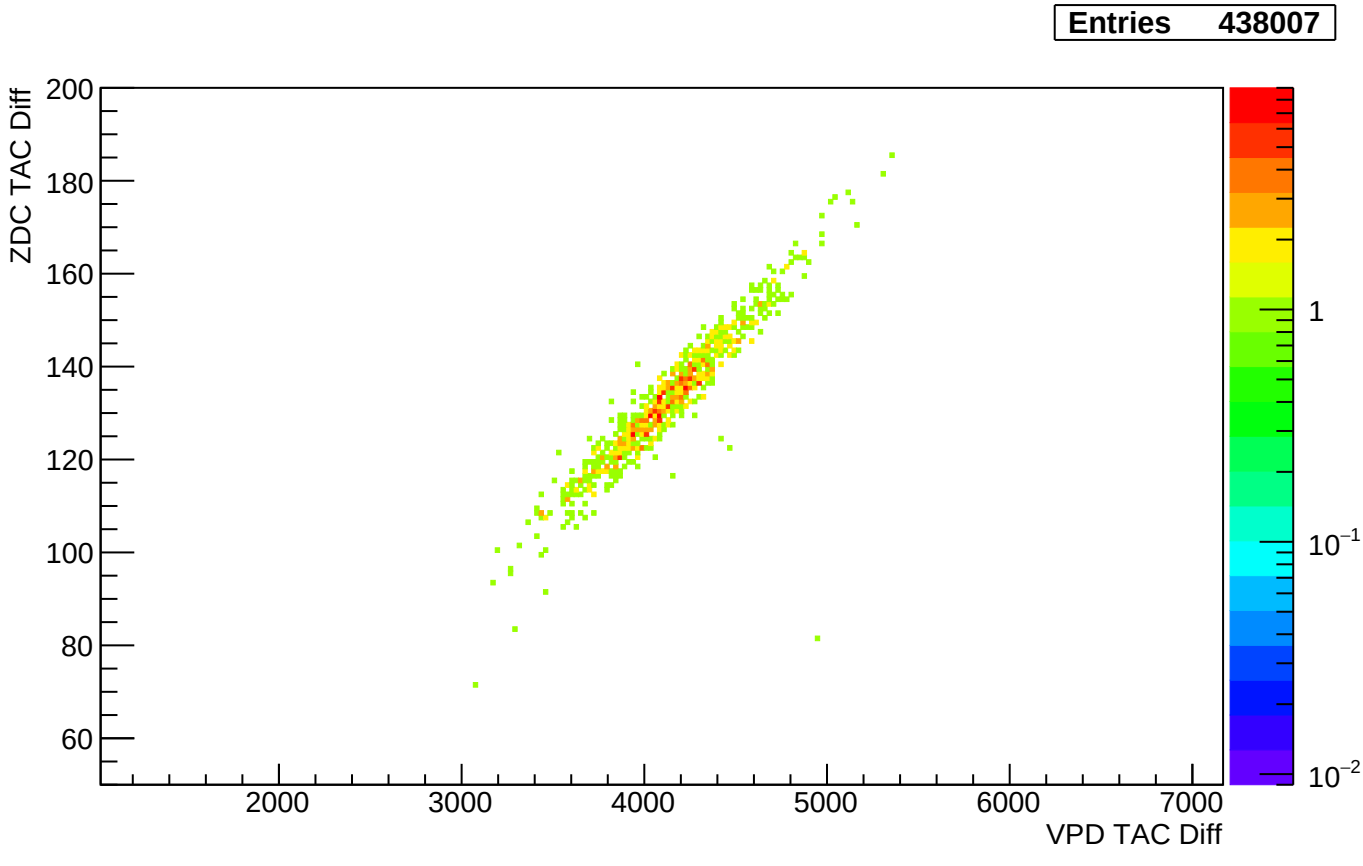

Entries 438007
TOF-Mult
EPD-East Hit Cnt

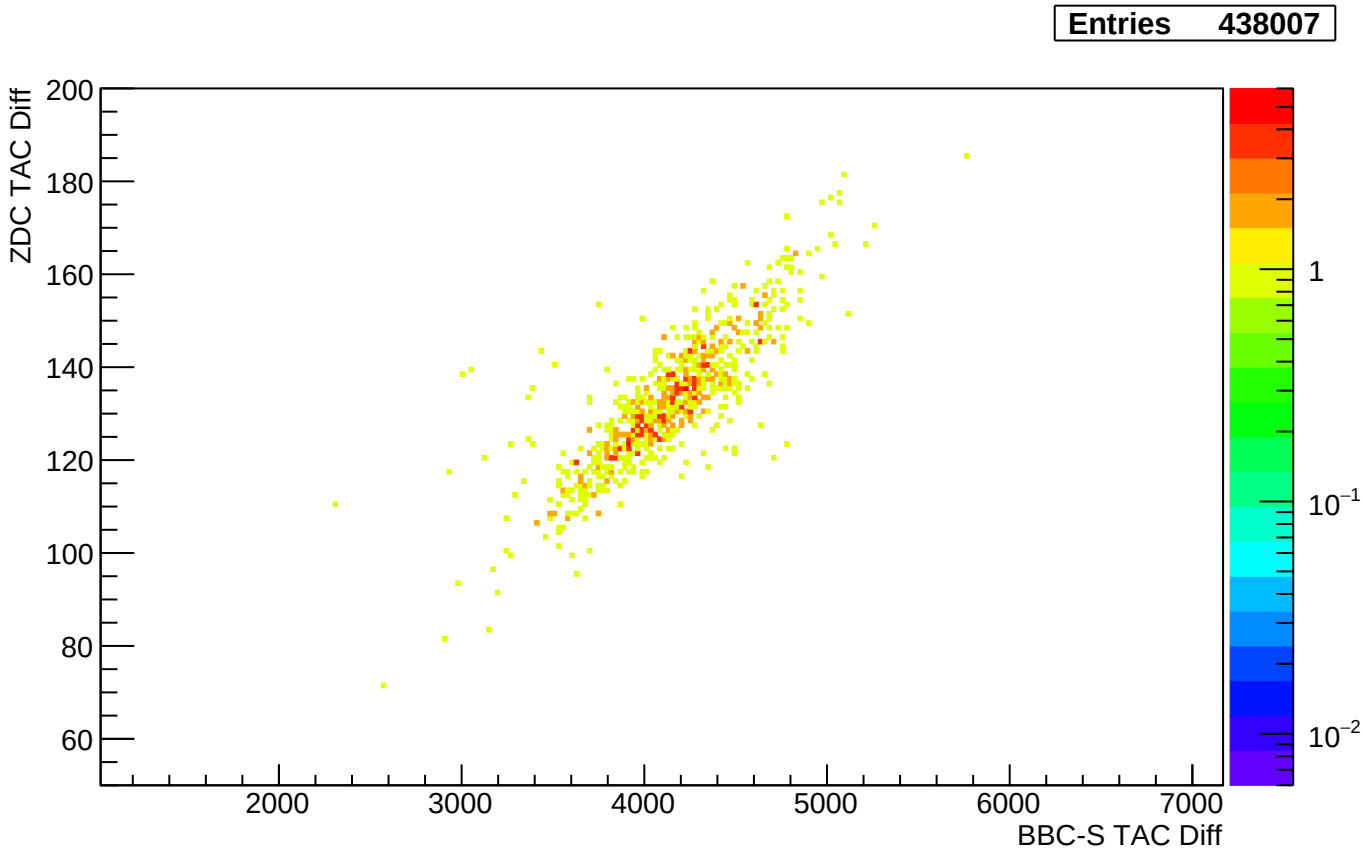

Entries 438007
TOF-Mult
EPD-West Hit Cnt

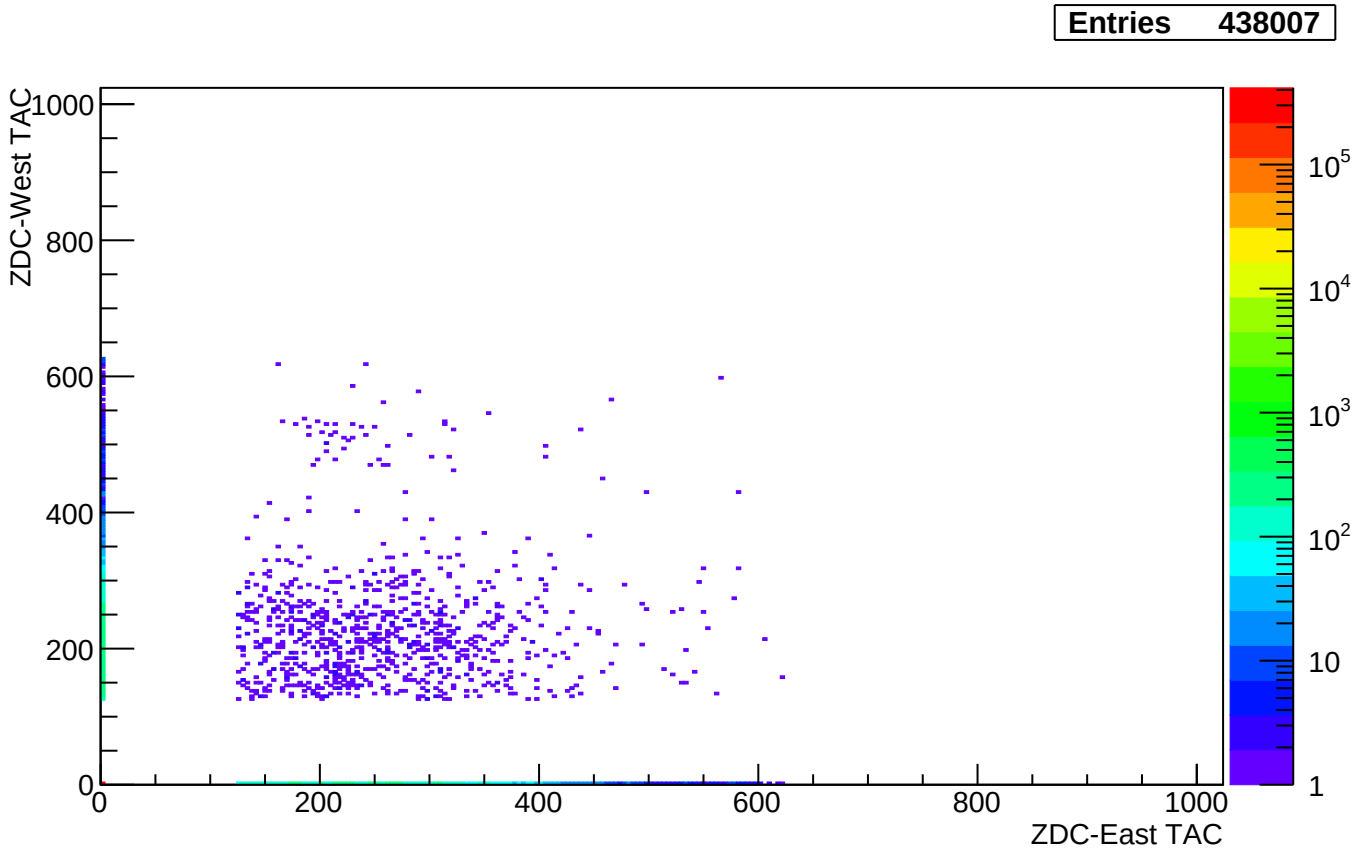

Entries 438007
TOF-Mult
VPD-East ADC Sum

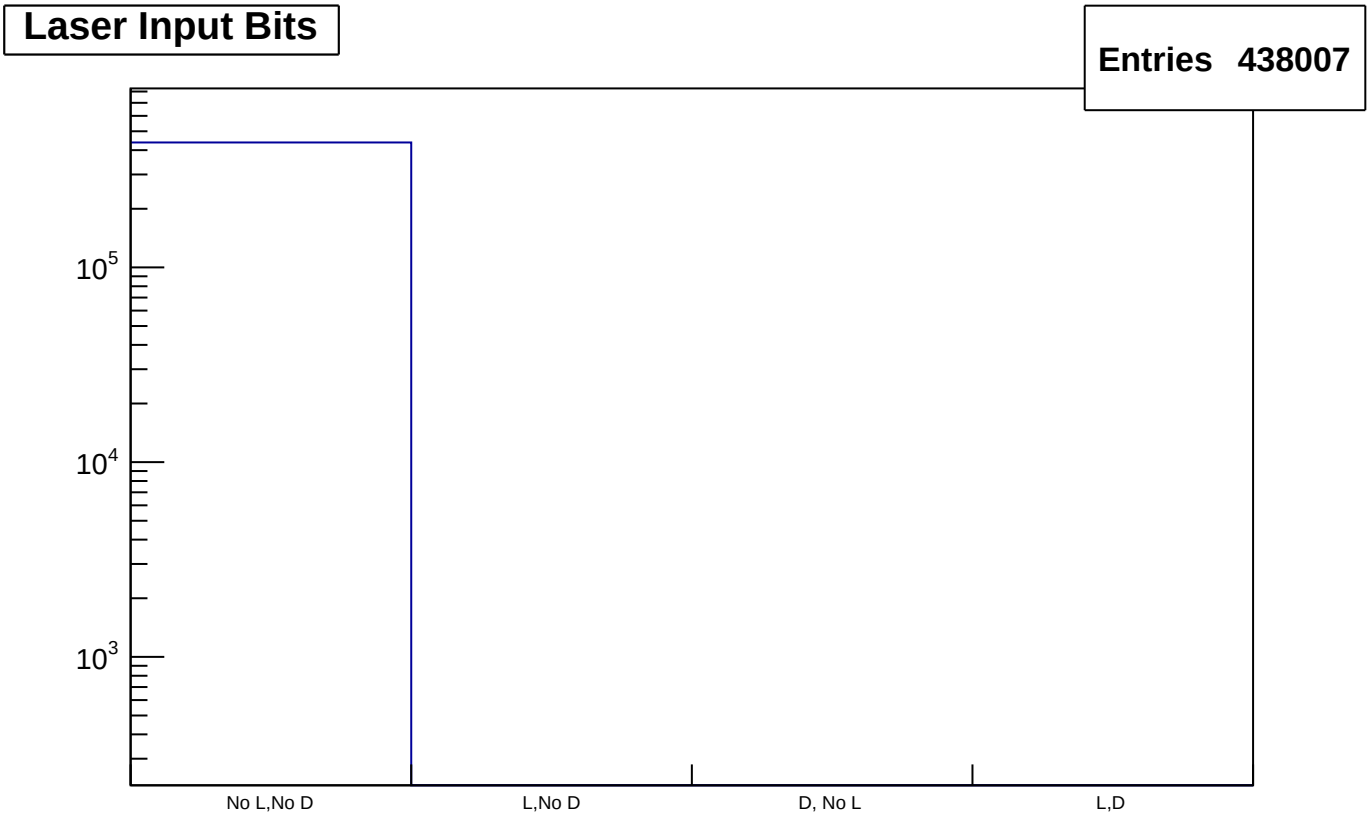

Entries 438007
TOF-Mult
VPD-West ADC Sum

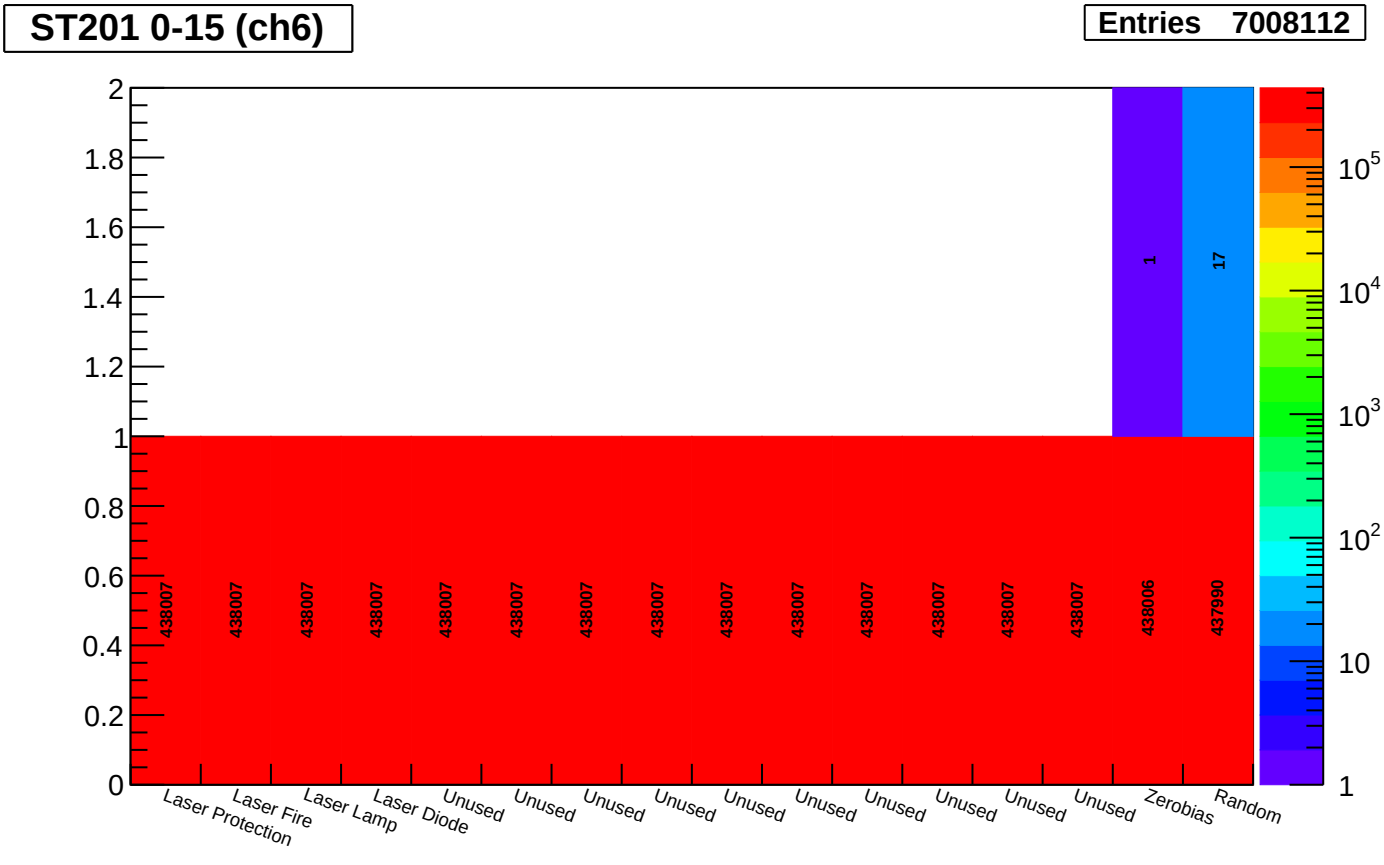

Entries 438007
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

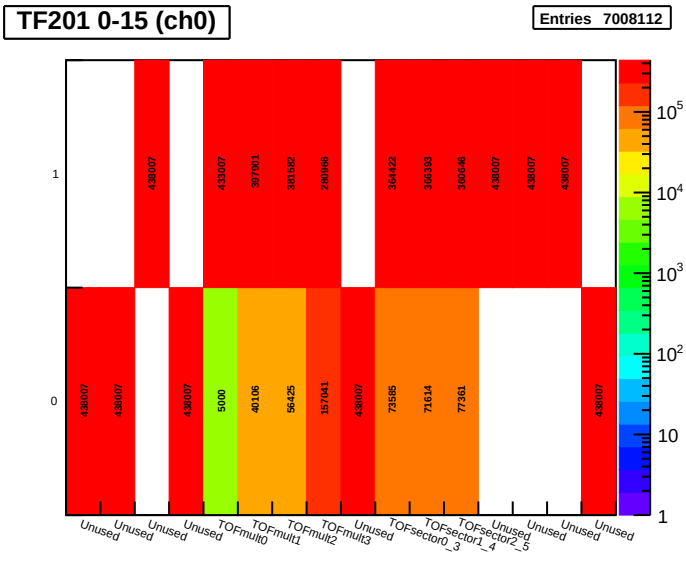

Entries 438007
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

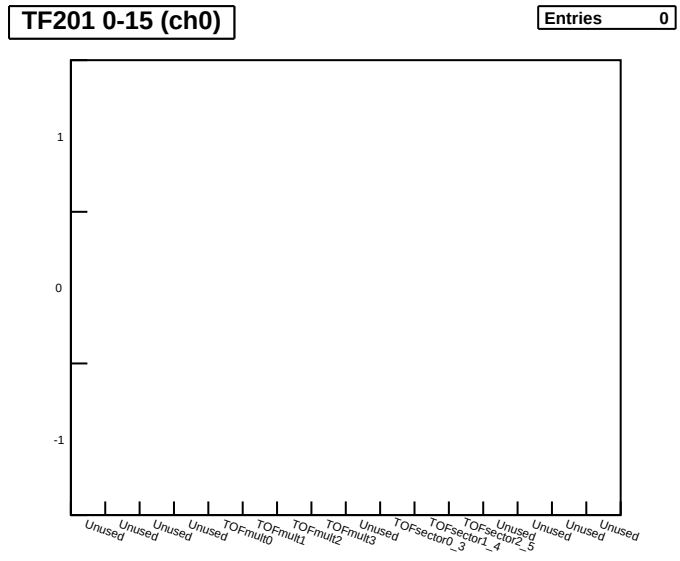

Entries 438007
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

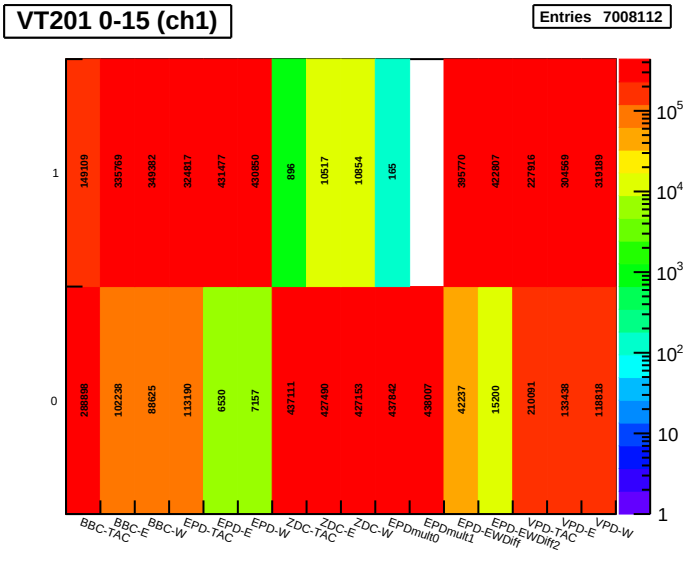

Entries 438007
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

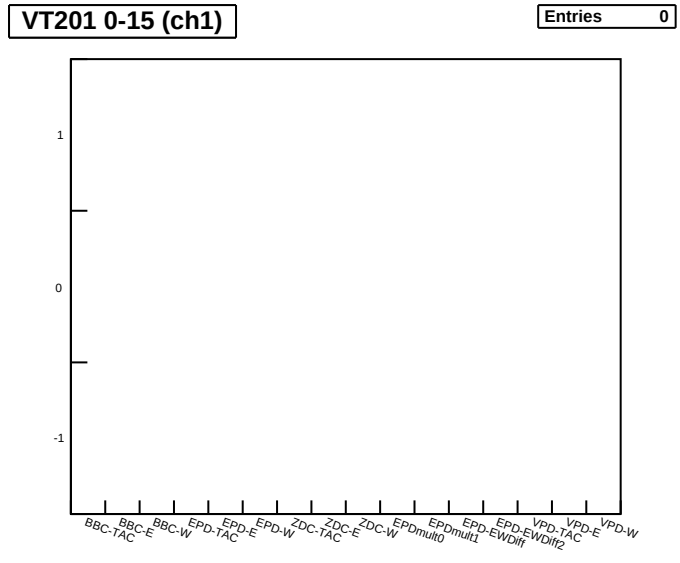

Laser Input Bits
Entries 438007
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

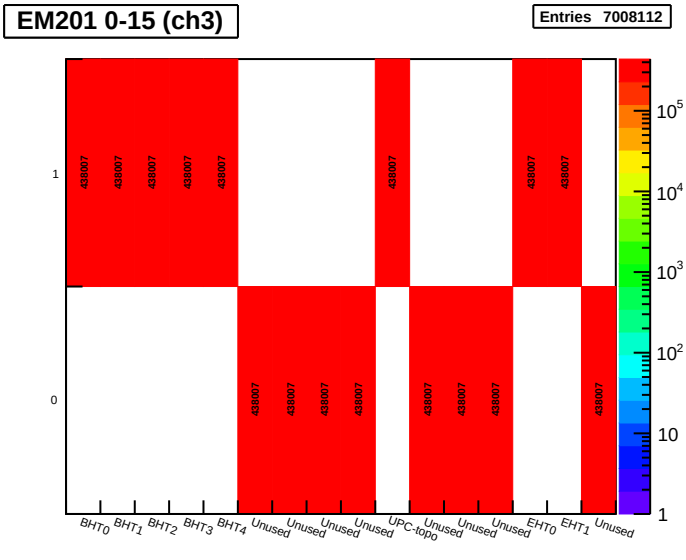

ST201 0-15 (ch6)
Entries 7008112
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
438007
438007
438007
438007
438007
438007
438007
438007
438007
438007
438007
438007
438007
438006
437990
1
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

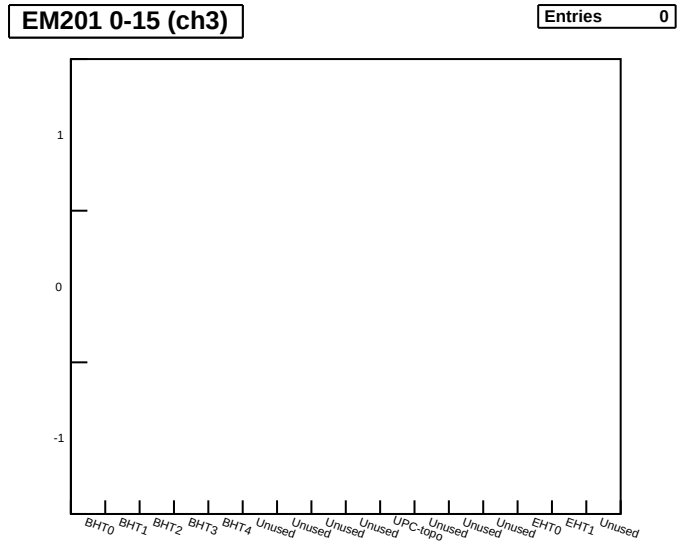

TF201 0-15 (ch0)
Entries 7008112
1
0
438007 438007 438007 438007 397901 381582 280966 364422 356393 360646 438007 438007 438007
438007 438007 438007 5000 40106 56425 157041 438007 73585 71614 77361 438007
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 7008112
1
0
149109 335769 349382 324817 431477 430850 896 10517 10854 165 395770 422807 227916 304569 319189
288898 102238 88625 113190 6530 7157 437111 427490 427153 437842 438007 42237 15200 210051 133438 118818
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 7008112
1
0
438007 438007 438007 438007 438007 438007 438007
438007 438007 438007 438007 438007 438007 438007 438007
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