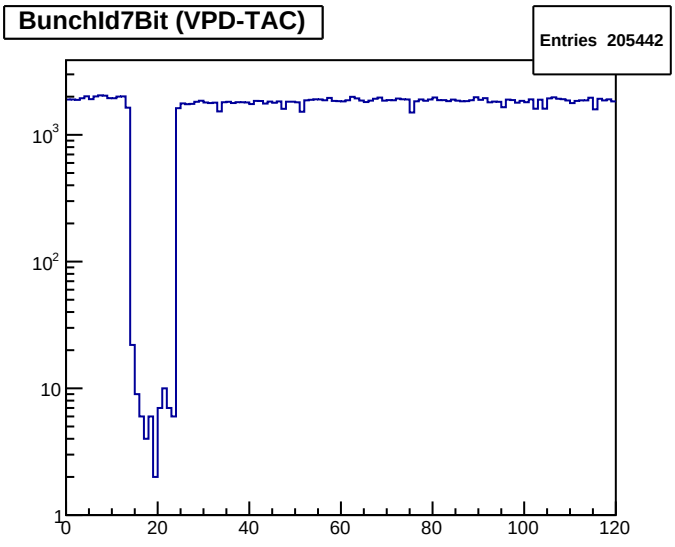
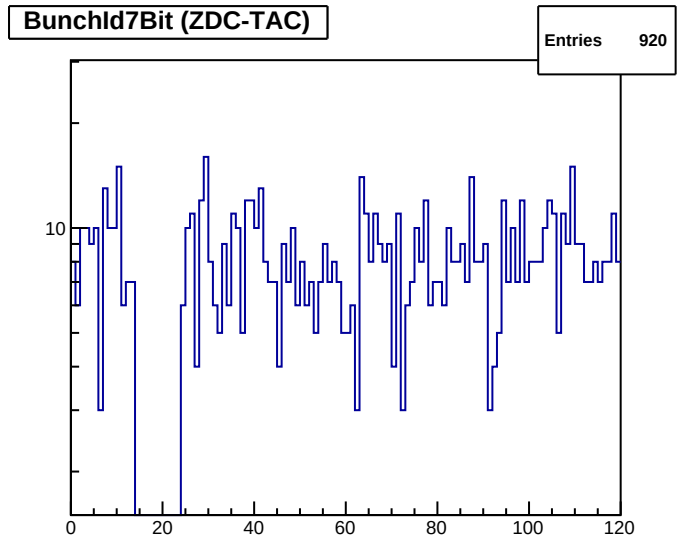
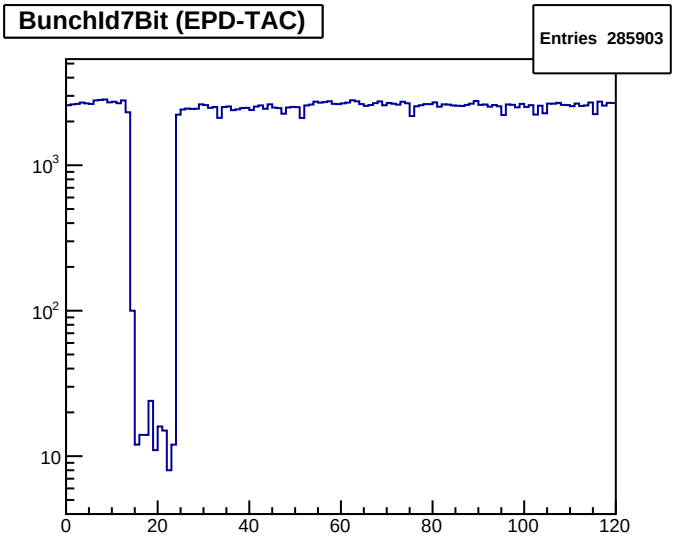
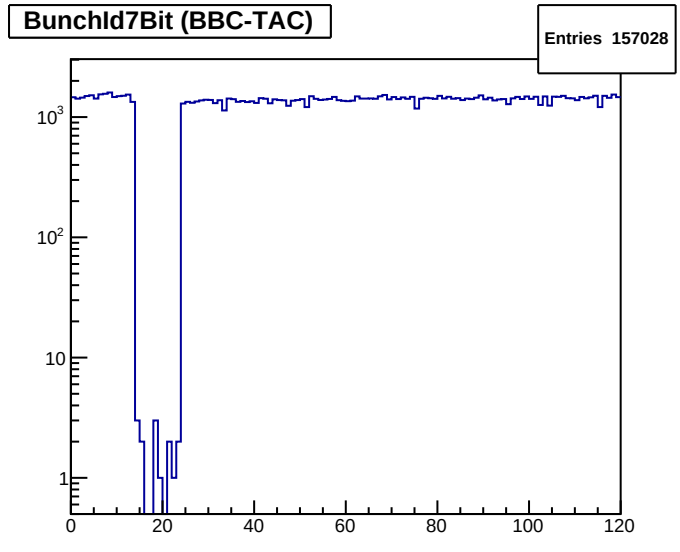
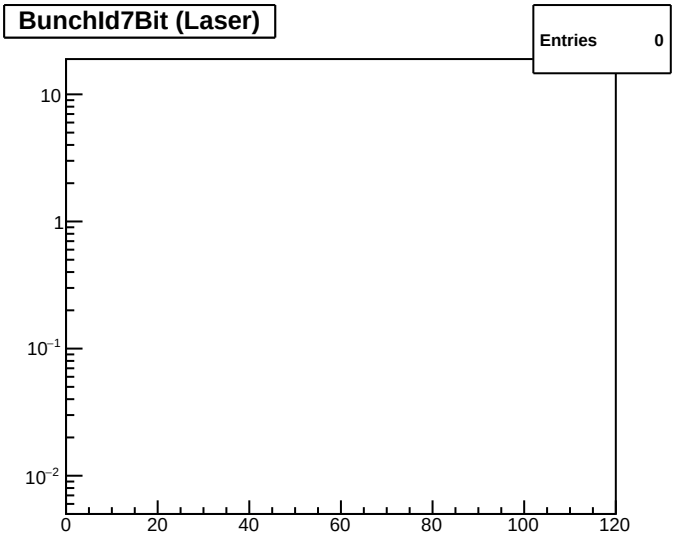
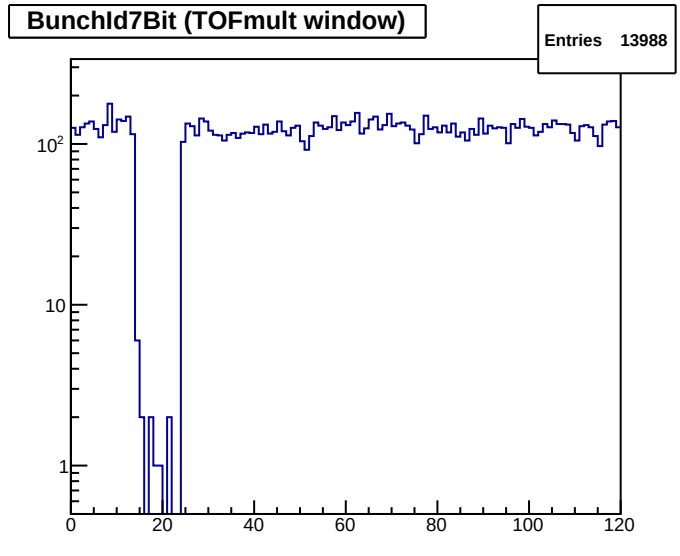

BunchId7Bit (VPD-TAC)
Entries 205442

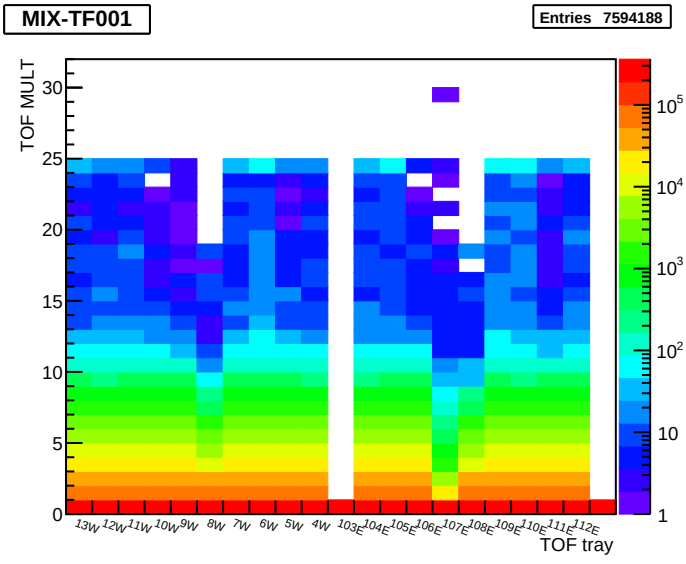

BunchId7Bit (ZDC-TAC)
Entries 920

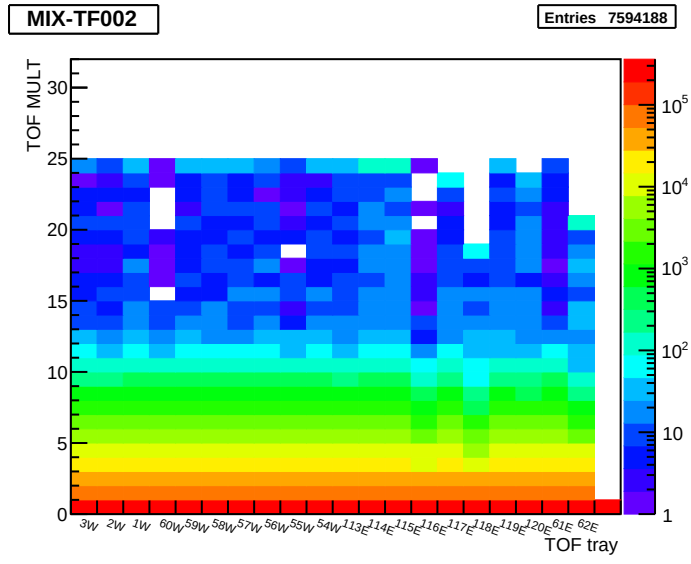

BunchId7Bit (EPD-TAC)
Entries 285903

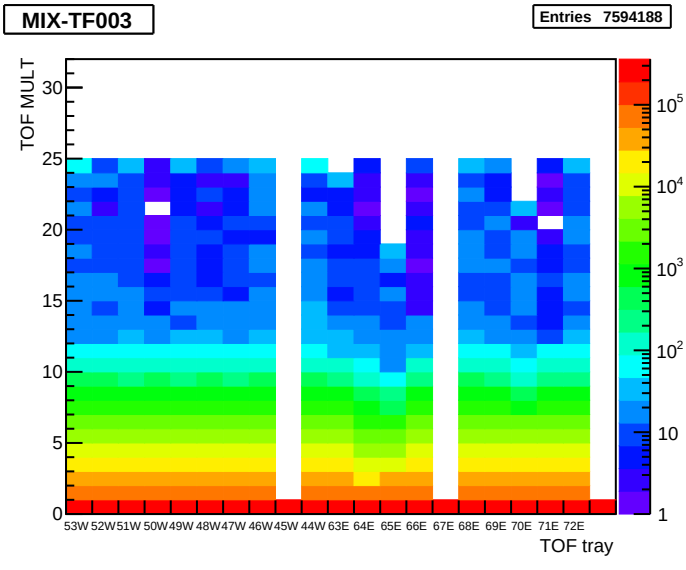

BunchId7Bit (BBC-TAC)
Entries 157028

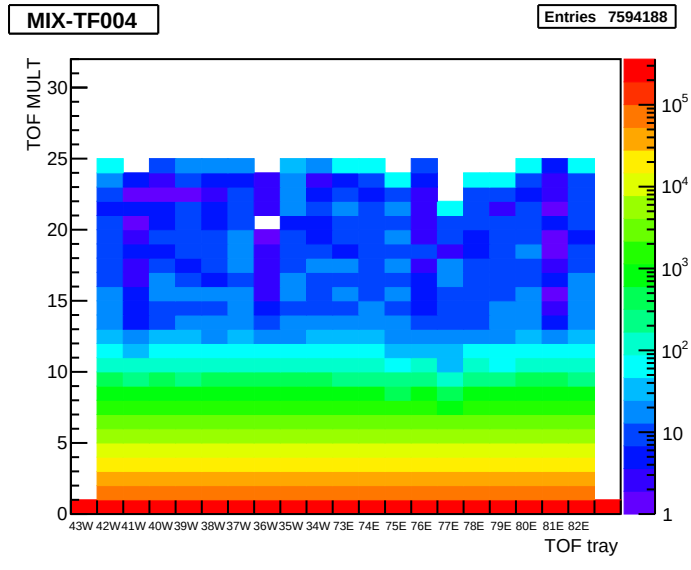

BunchId7Bit (Laser)
Entries 0

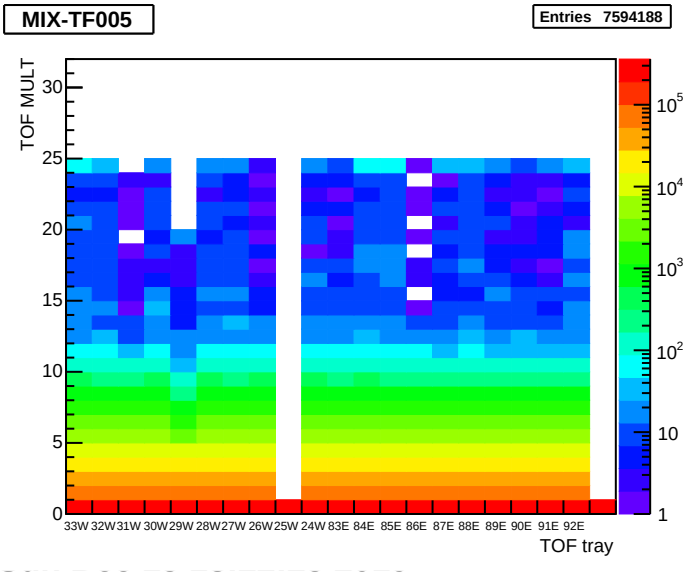

BunchId7Bit (TOFmult window)
Entries 13988

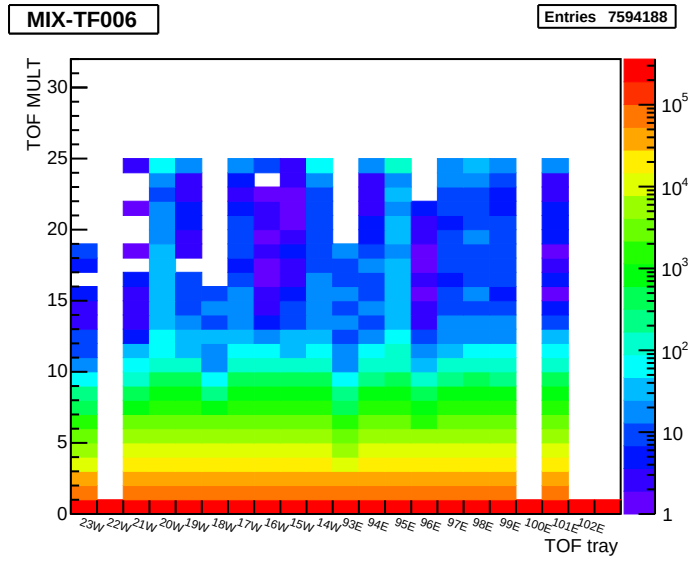

MIX-TF001
Entries 7594188
TOF MULT
TOF tray

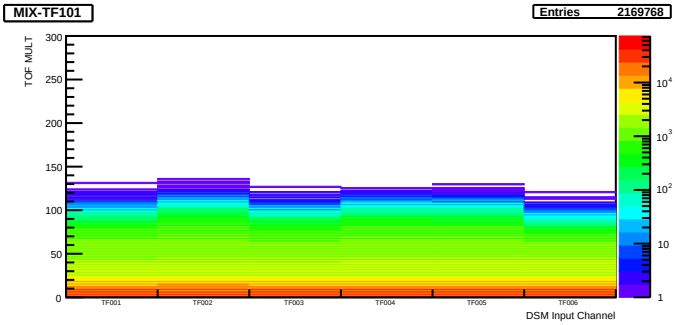

MIX-TF002
Entries 7594188
TOF MULT
TOF tray

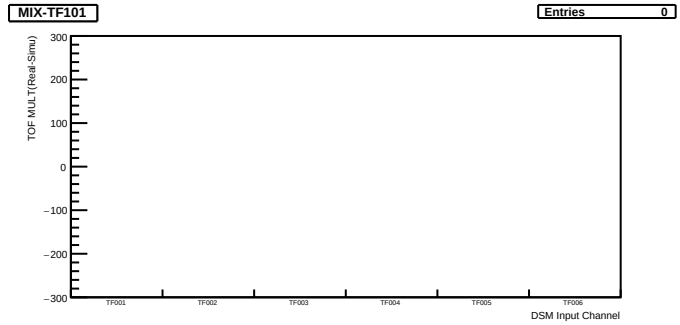

MIX-TF003
Entries 7594188
TOF MULT
TOF tray

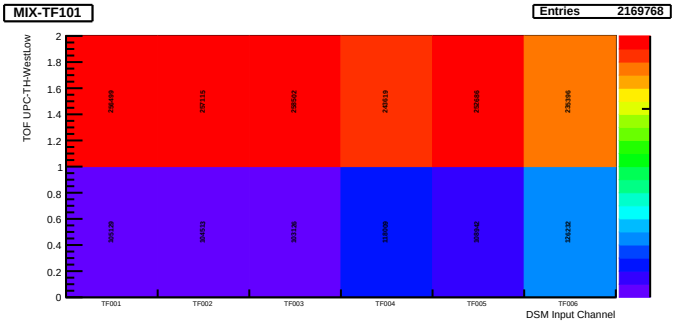

MIX-TF004
Entries 7594188
TOF MULT
TOF tray

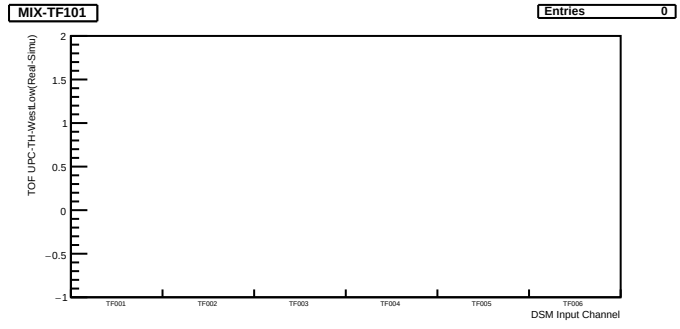

MIX-TF005
Entries 7594188
TOF MULT
TOF tray

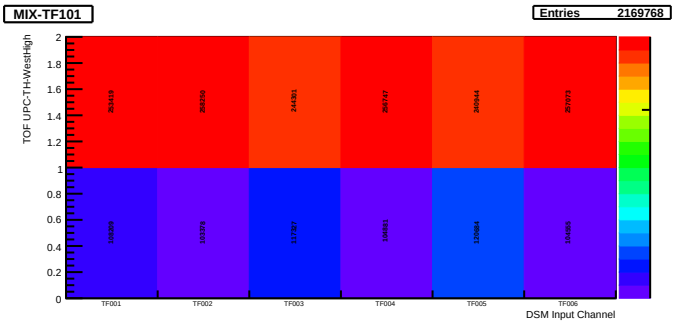

MIX-TF006
Entries 7594188
TOF MULT
TOF tray

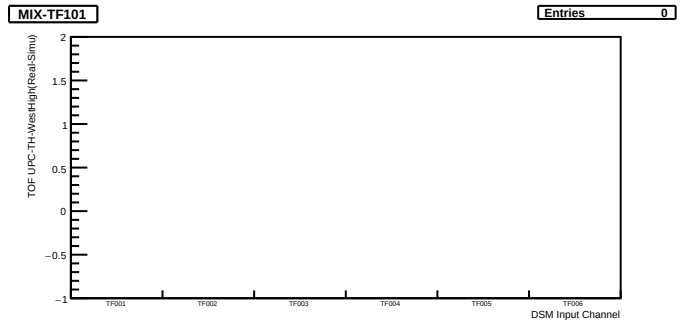

MIX-TF101
Entries 2169768
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

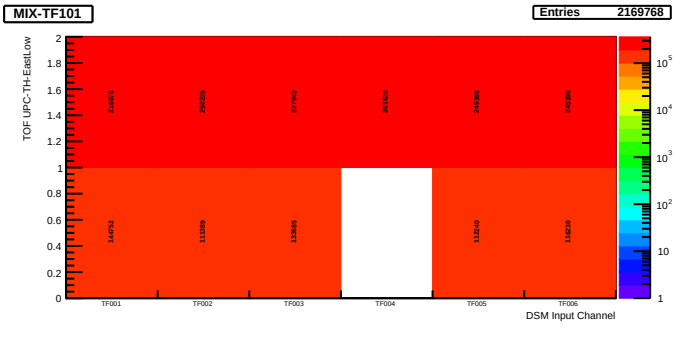

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

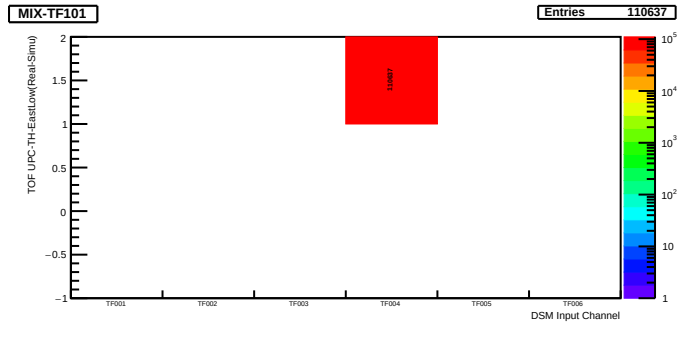

MIX-TF101
Entries 2169768
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

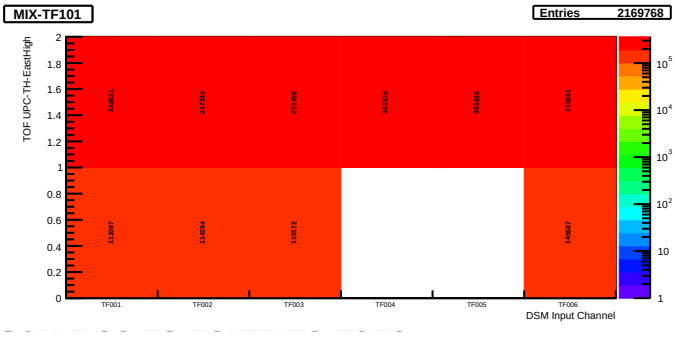

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

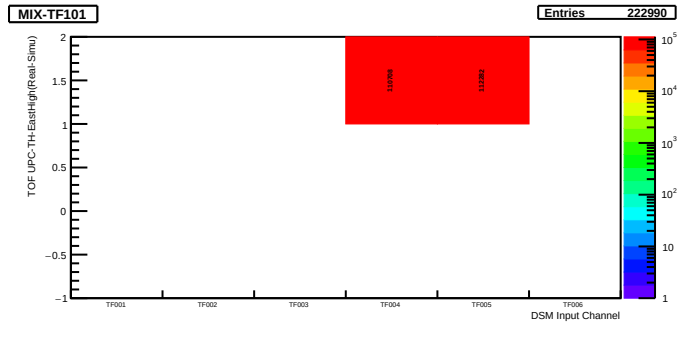

MIX-TF101
Entries 2169768
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

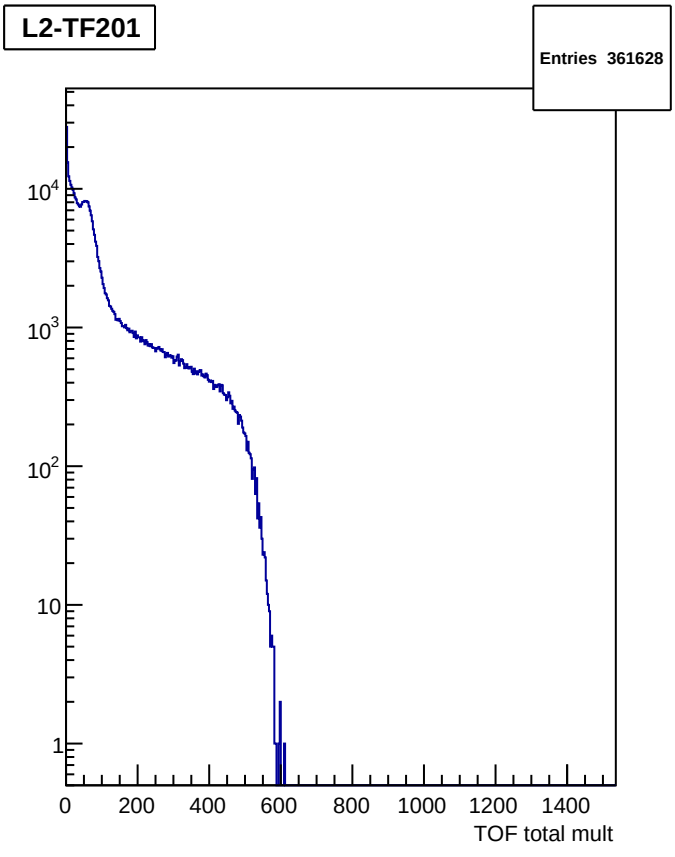

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

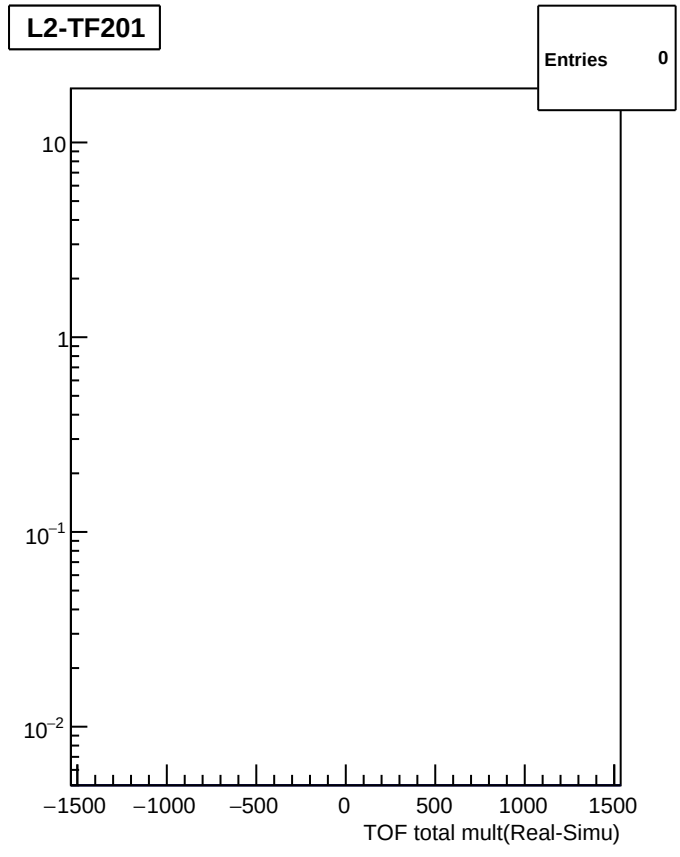

MIX-TF101
Entries 2169768
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

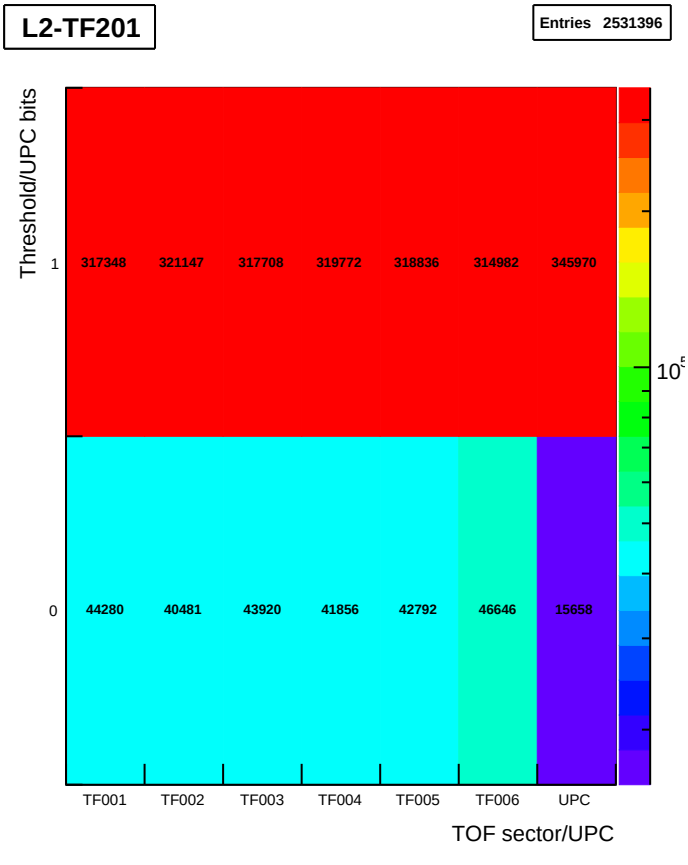

MIX-TF101
Entries 110637
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

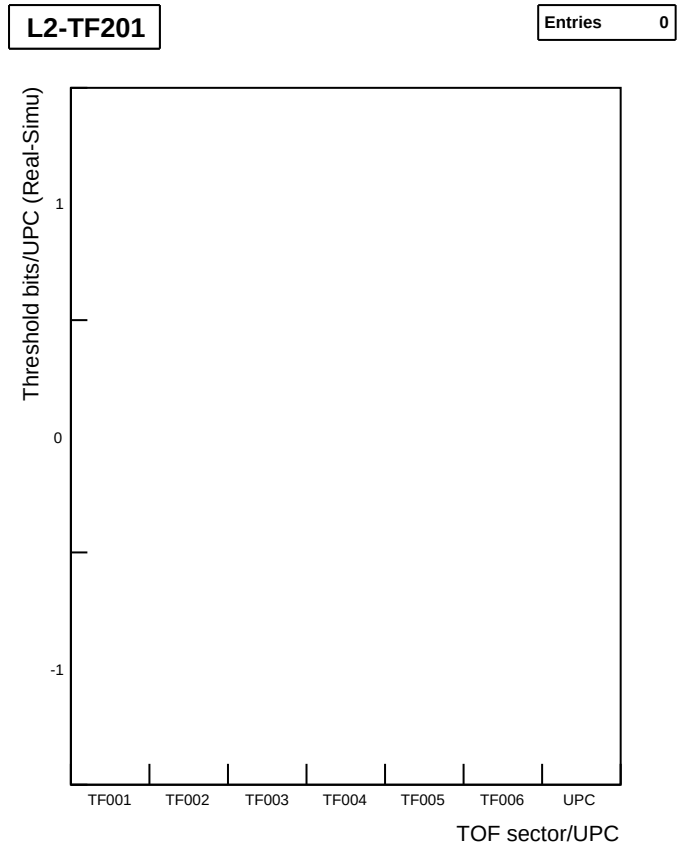

MIX-TF101
Entries 2169768
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

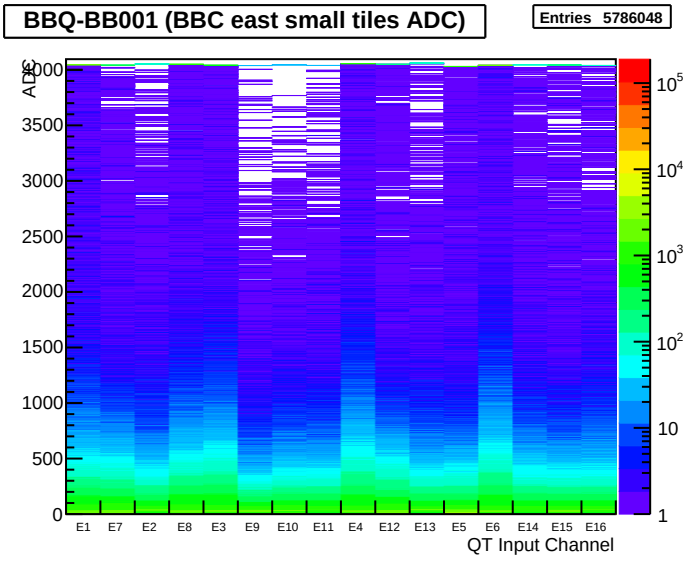

MIX-TF101
Entries 222990
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

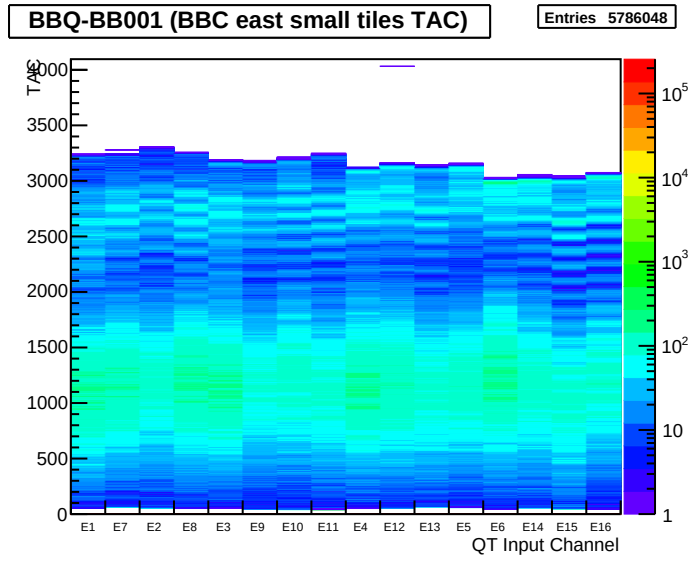

L2-TF201
Entries 361628
TOF total mult

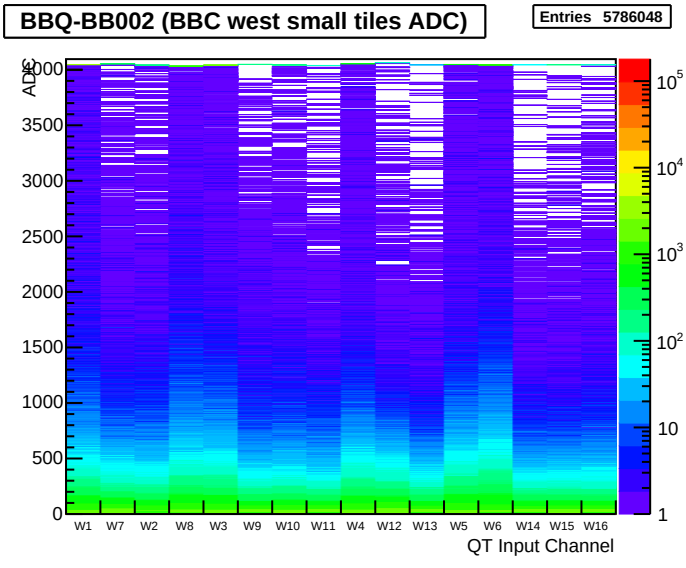

L2-TF201
Entries 0
TOF total mult(Real-Simu)

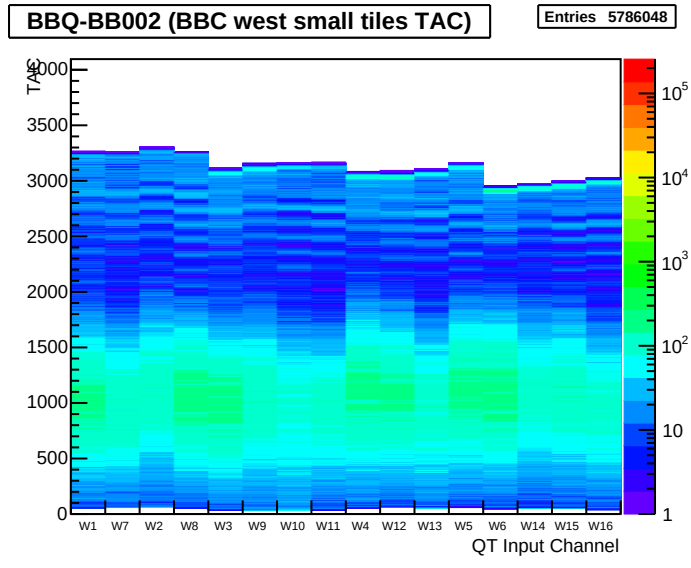

L2-TF201
Entries 2531396
Threshold/UPC bits
317348
321147
317708
319772
318836
314982
345970
44280
40481
43920
41856
42792
46646
15658
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

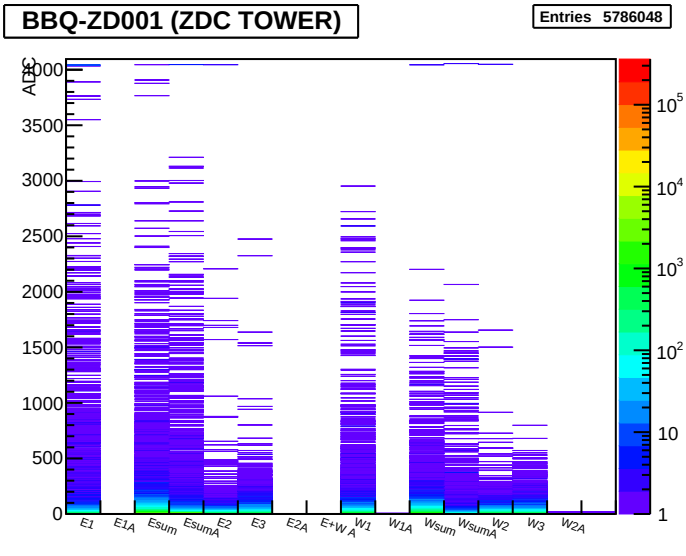

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

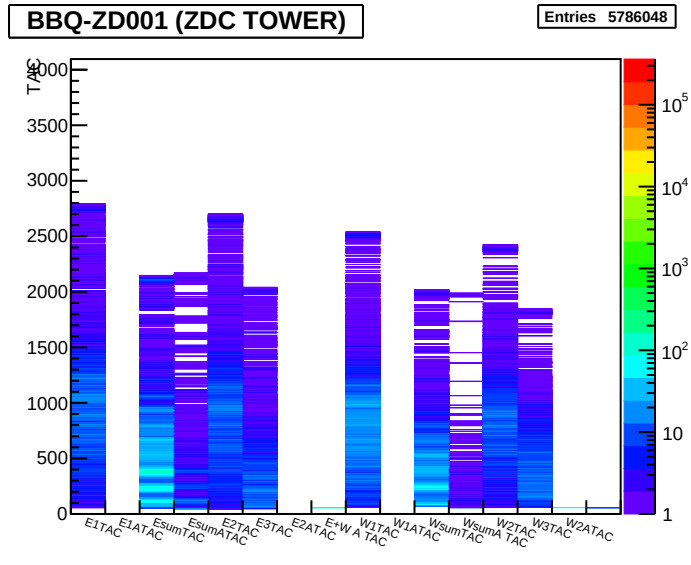

BBQ-BB001 (BBC east small tiles ADC)
Entries 5786048
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

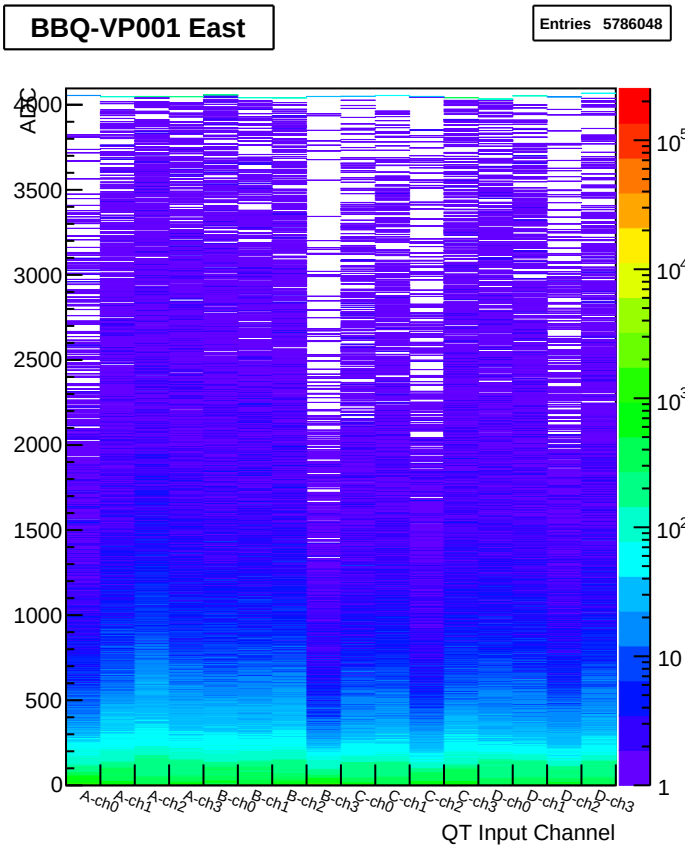

BBQ-BB001 (BBC east small tiles TAC)
Entries 5786048
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

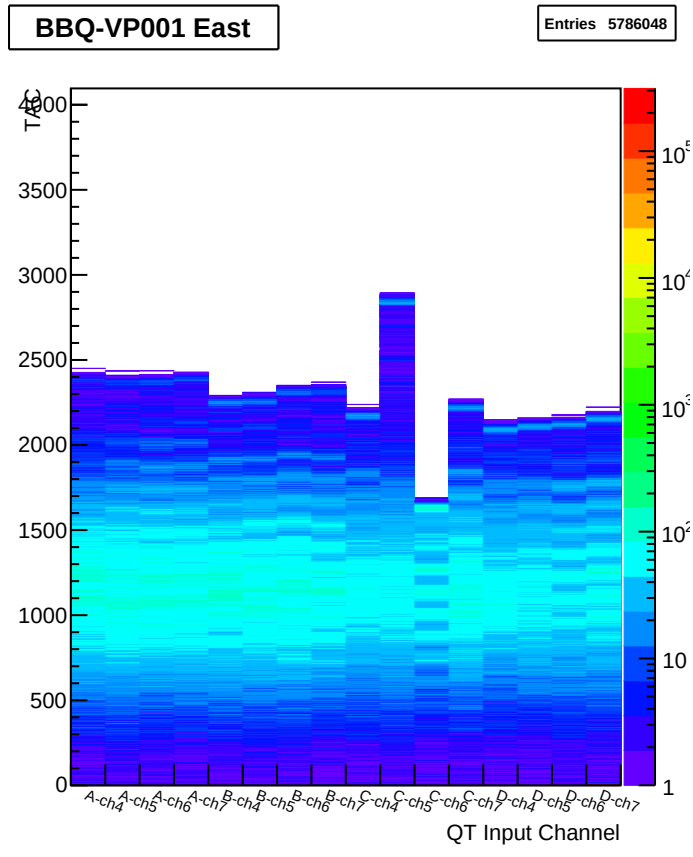

BBQ-BB002 (BBC west small tiles ADC)
Entries 5786048
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

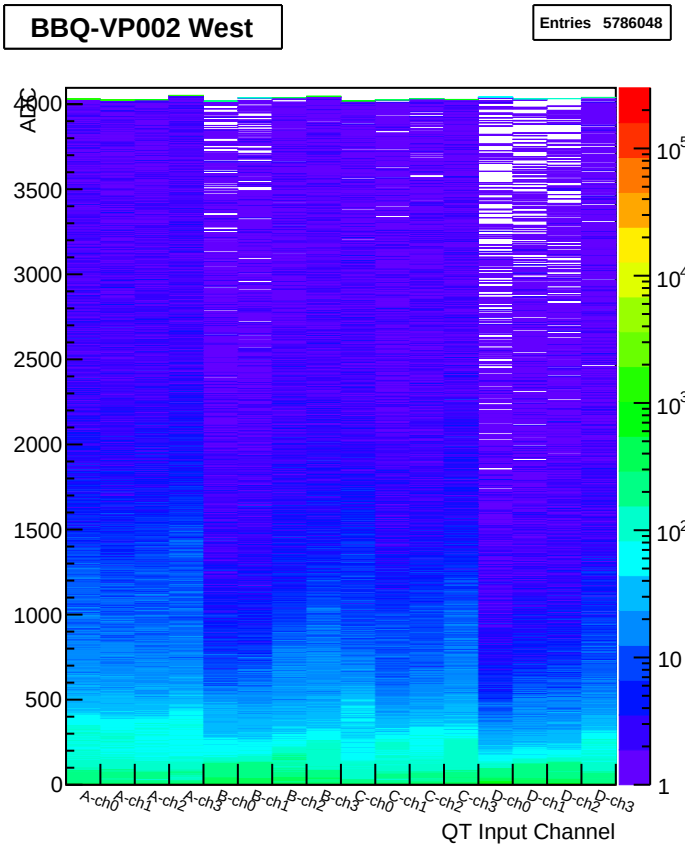

BBQ-BB002 (BBC west small tiles TAC)
Entries 5786048
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

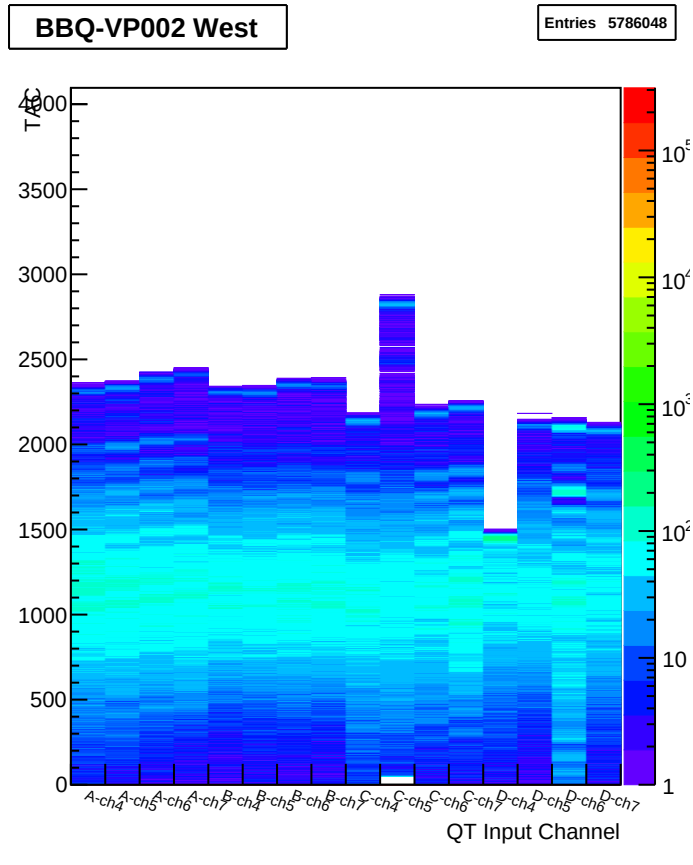

BBQ-ZD001 (ZDC TOWER)
Entries 5786048
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

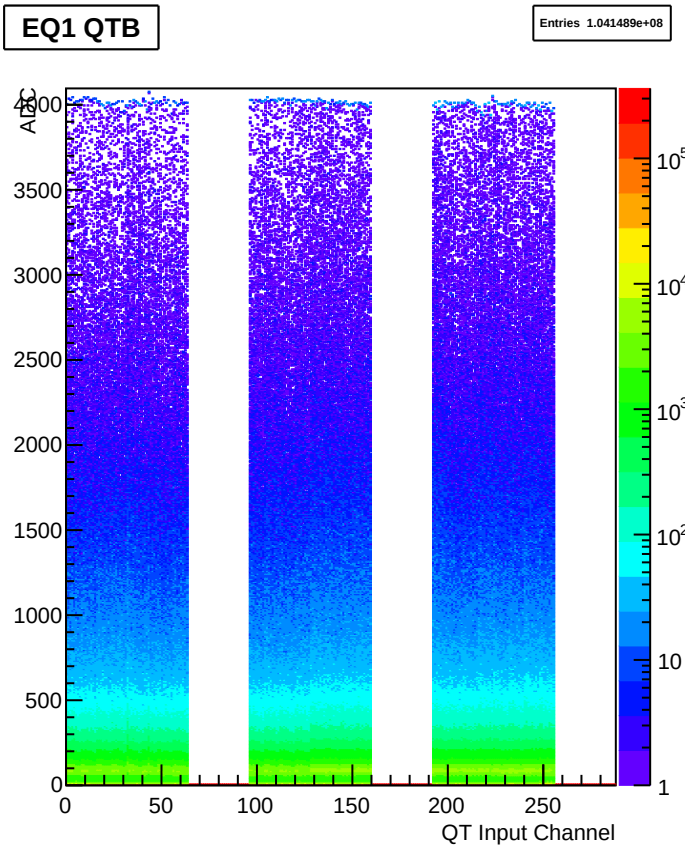

BBQ-ZD001 (ZDC TOWER)
Entries 5786048
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

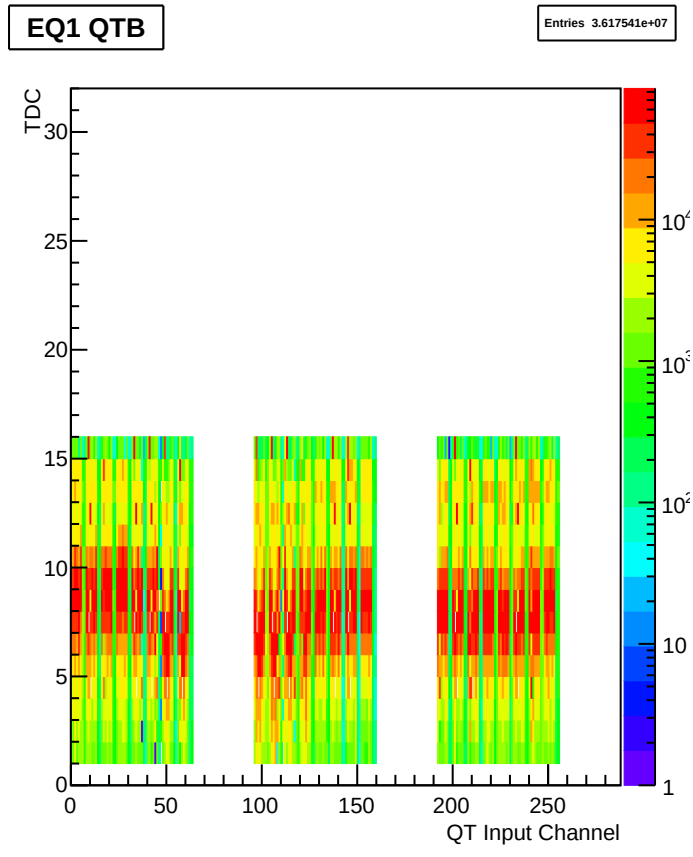

BBQ-VP001 East
Entries 5786048
ADC
QT Input Channel

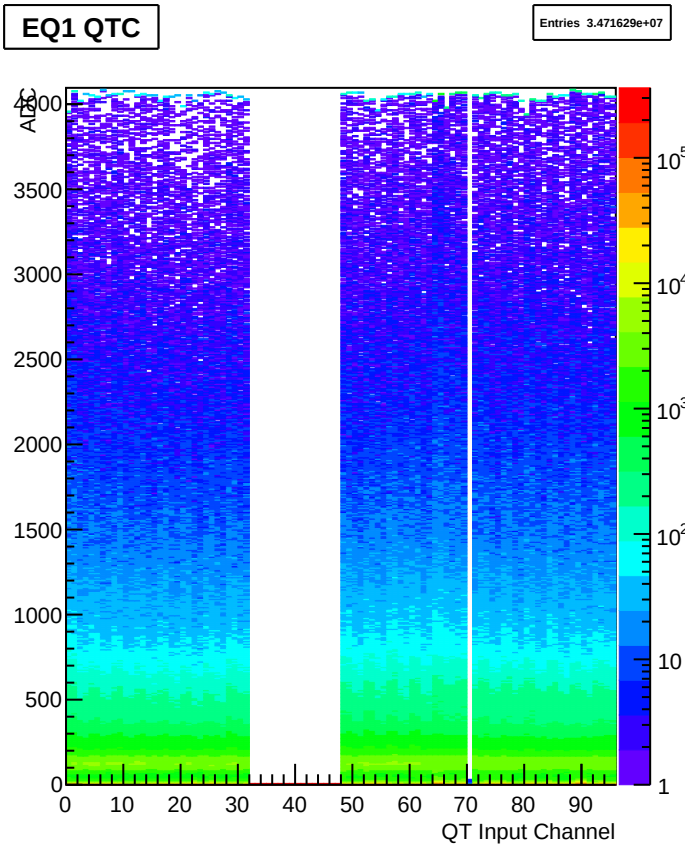

BBQ-VP001 East
Entries 5786048
TADC
QT Input Channel

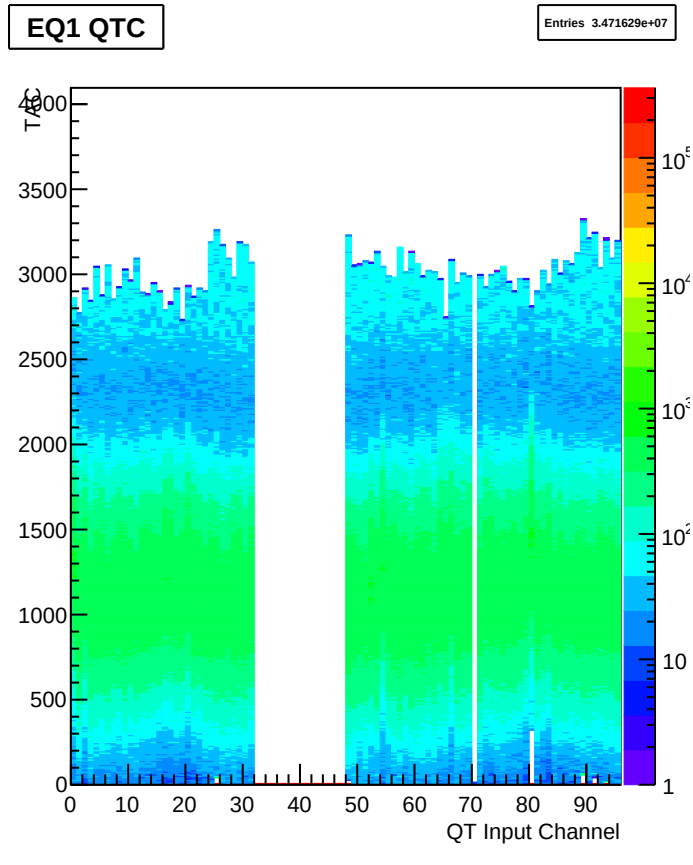

BBQ-VP002 West
Entries 5786048
ADC
QT Input Channel

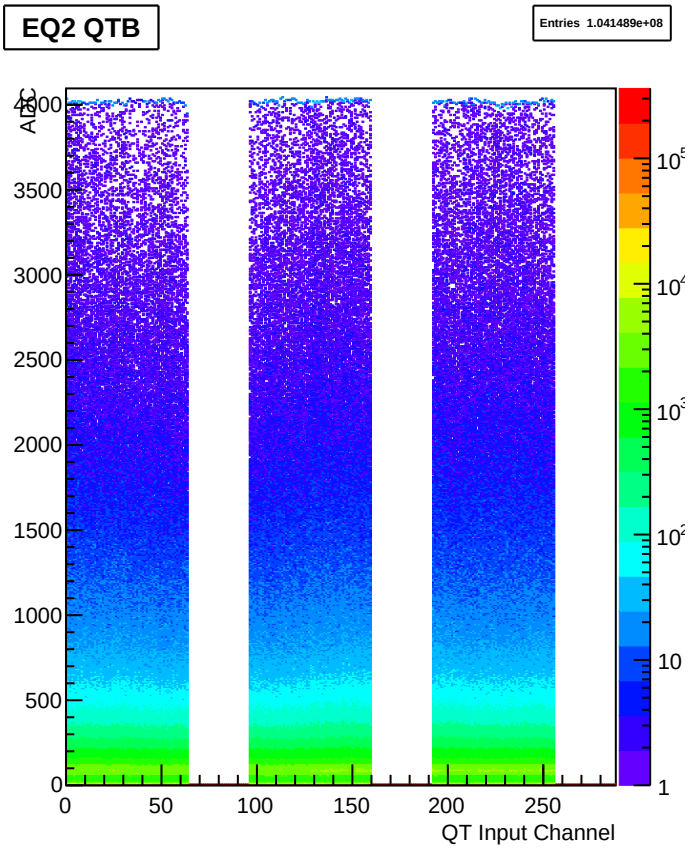

BBQ-VP002 West
Entries 5786048
TADC
QT Input Channel

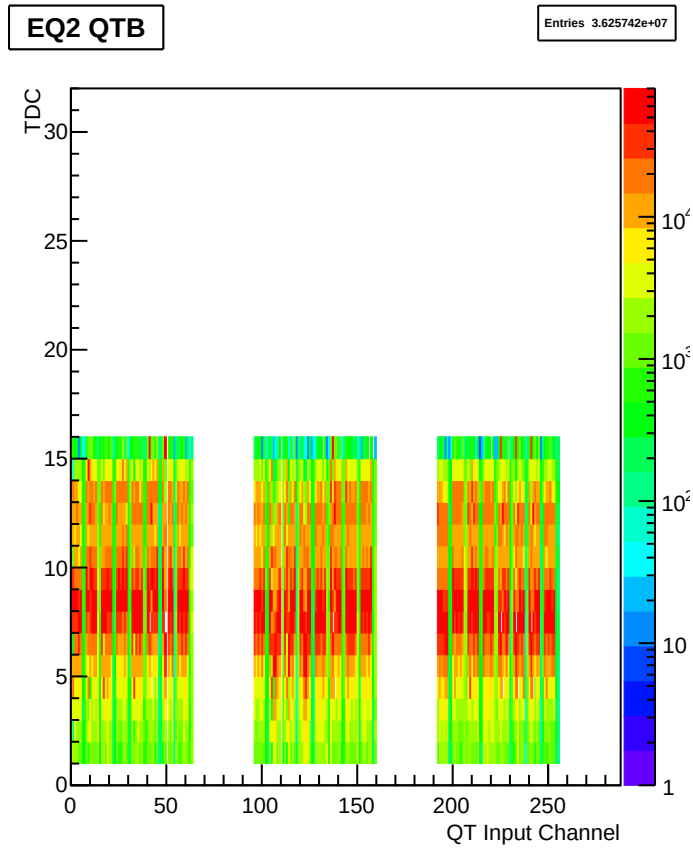

EQ1 QTB
Entries 1.041489e+08
ADC
QT Input Channel

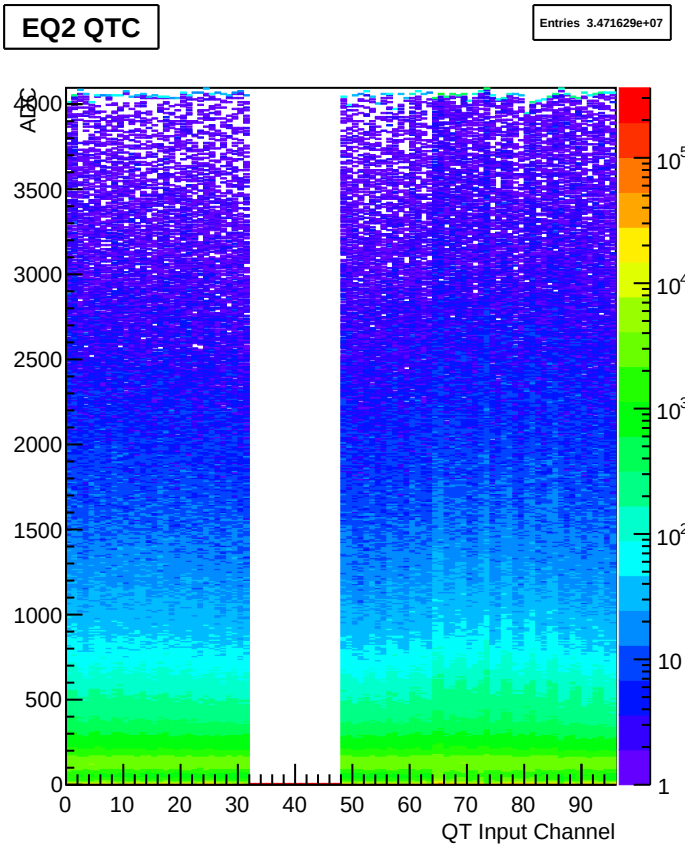

EQ1 QTB
Entries 3.617541e+07
TDC
QT Input Channel

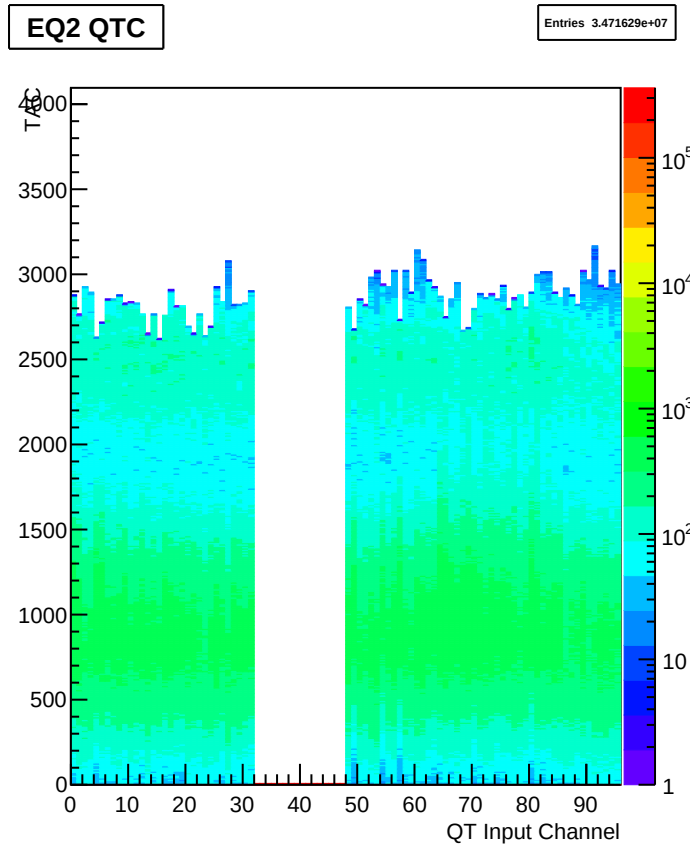

EQ1 QTC
Entries 3.471629e+07
ADC
QT Input Channel

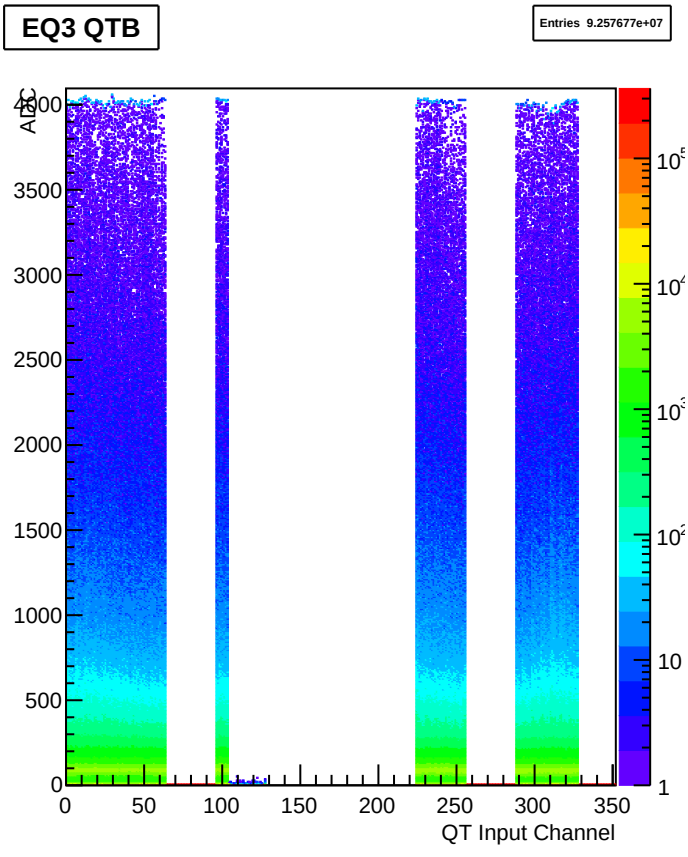

EQ1 QTC
Entries 3.471629e+07
TADC
QT Input Channel

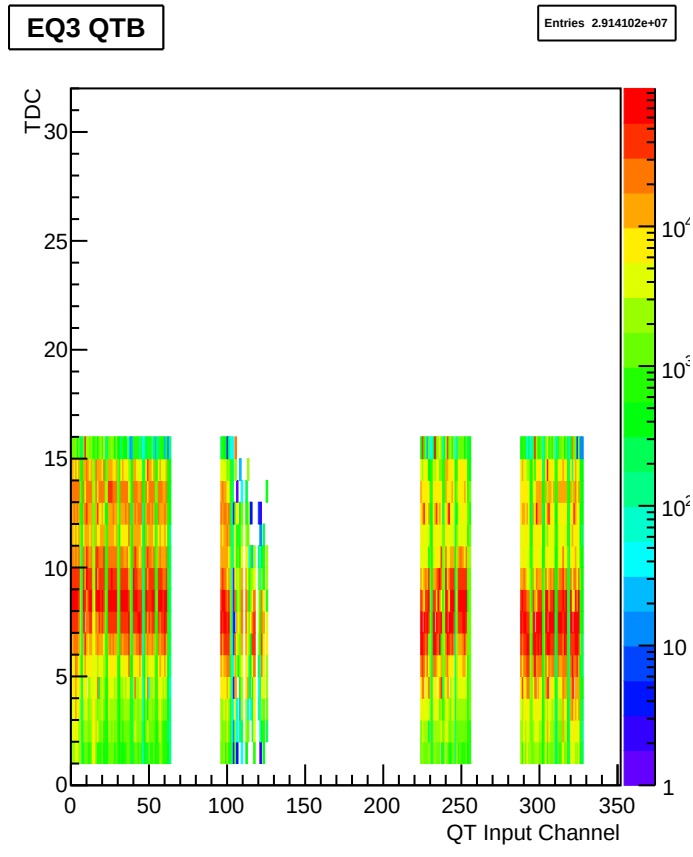

EQ2 QTB
Entries 1.041489e+08
ADC
QT Input Channel

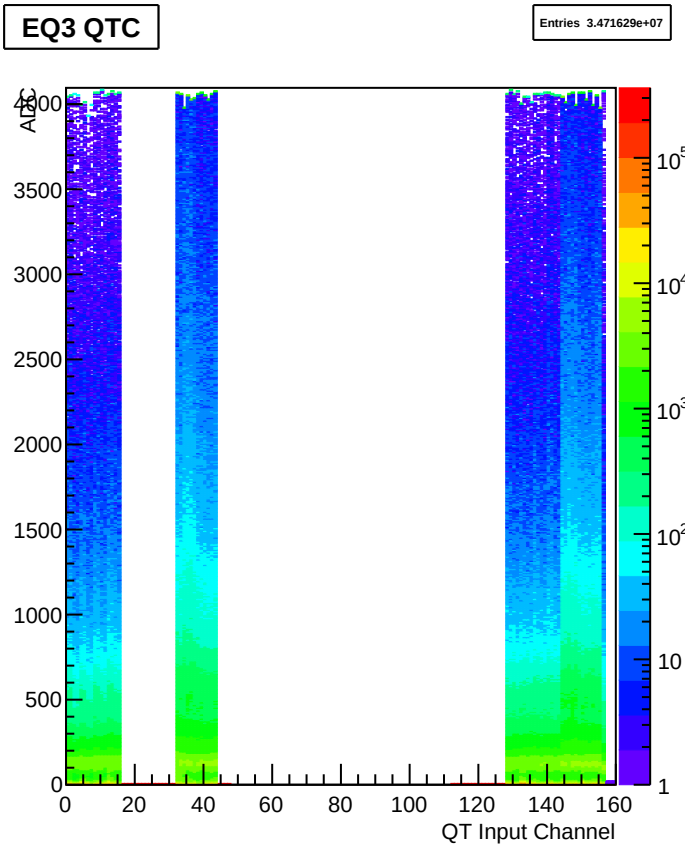

EQ2 QTB
Entries 3.625742e+07
TDC
QT Input Channel

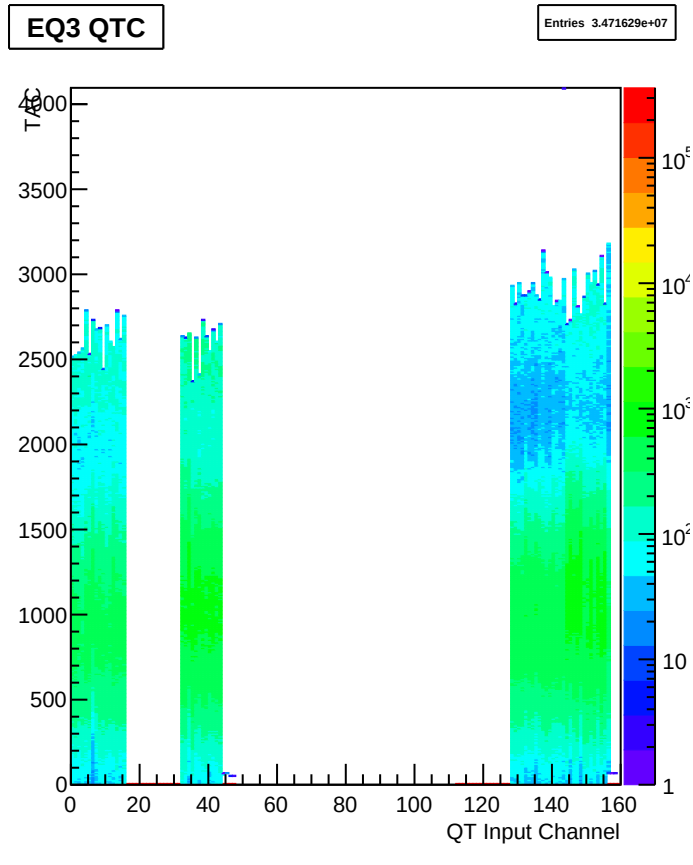

EQ2 QTC
Entries 3.471629e+07
ADC
QT Input Channel

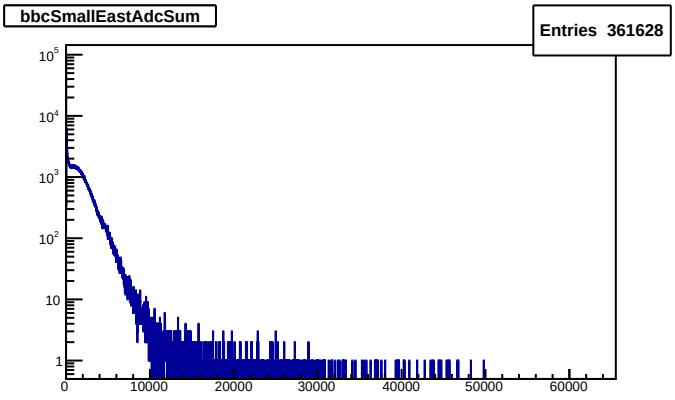

EQ2 QTC
Entries 3.471629e+07
TADC
QT Input Channel

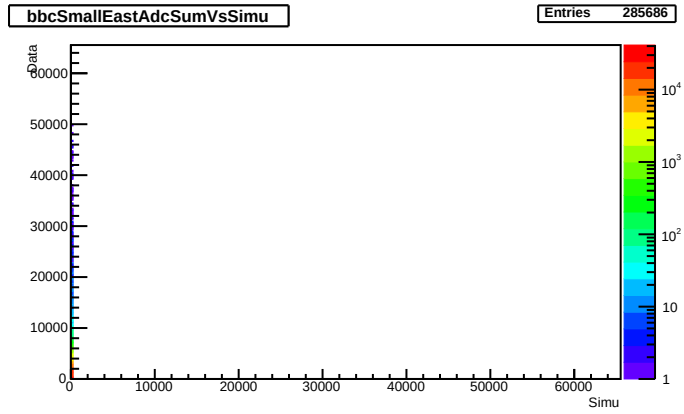

EQ3 QTB
Entries 9.257677e+07
ADC
QT Input Channel

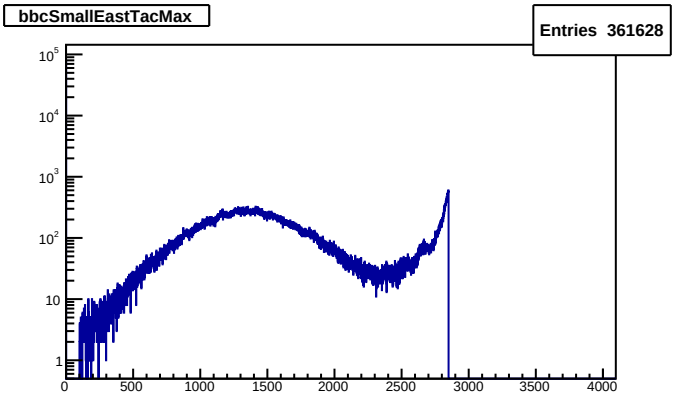

EQ3 QTB
Entries 2.914102e+07
TDC
QT Input Channel

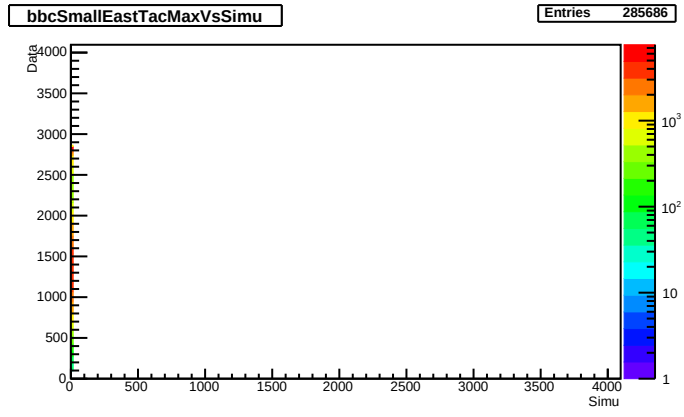

EQ3 QTC
Entries 3.471629e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.471629e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 361628


bbcSmallEastAdcSumVsSimu
Entries 285686
Data
Simu


bbcSmallEastTacMax
Entries 361628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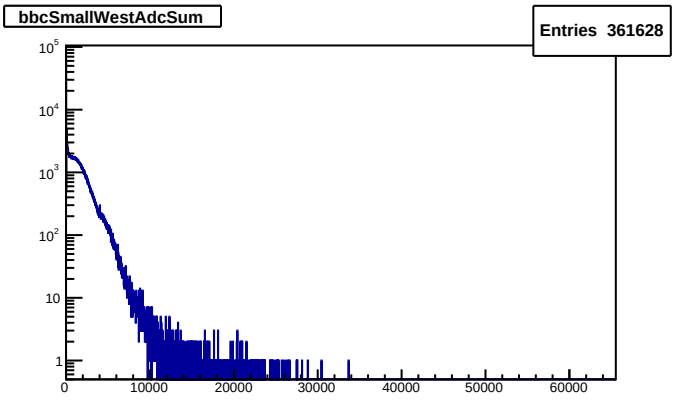
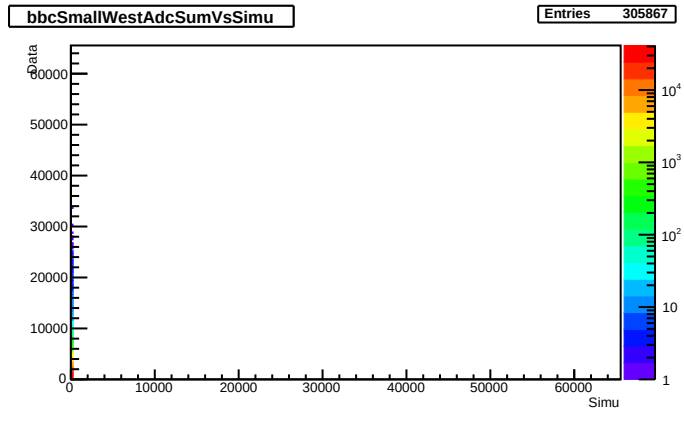
Entries 285686
Data
Simu


bbcSmallWestAdcSum
Entries 361628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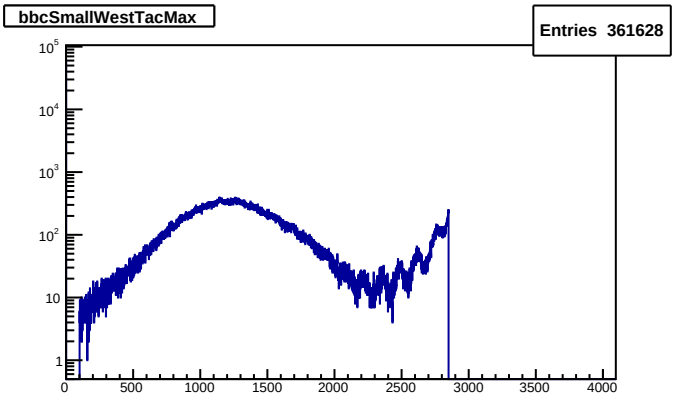
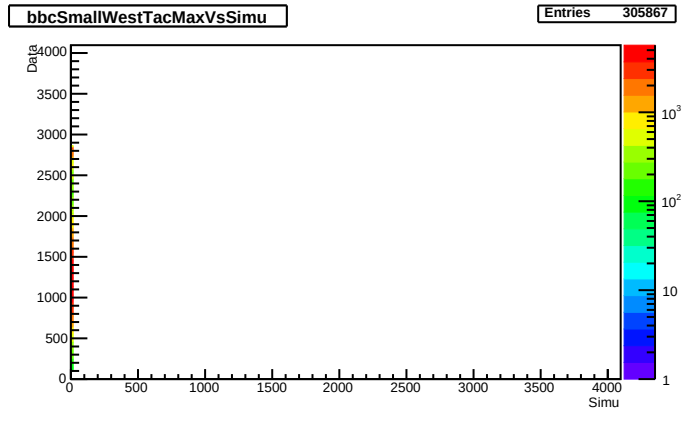
Entries 305867
Data
Simu


bbcSmallWestTacMax
Entries 361628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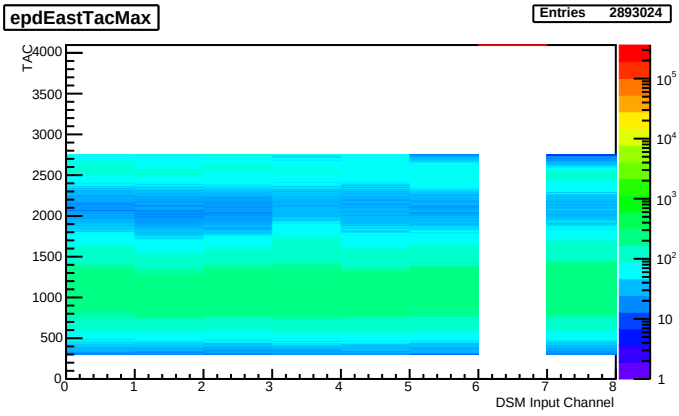
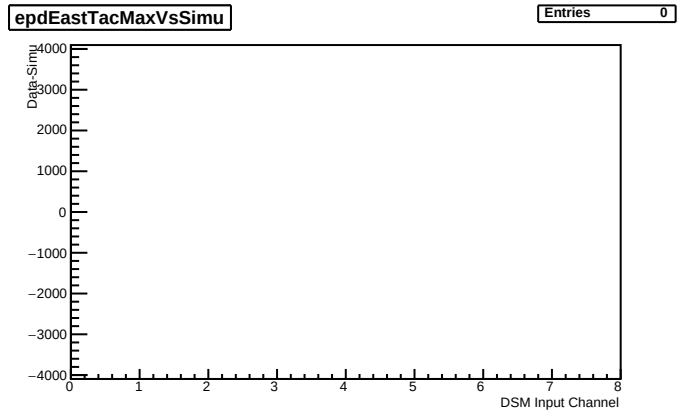
Entries 305867
Data
Simu


epdEastTacMax
Entries 2893024
TAC
DSM Input Channel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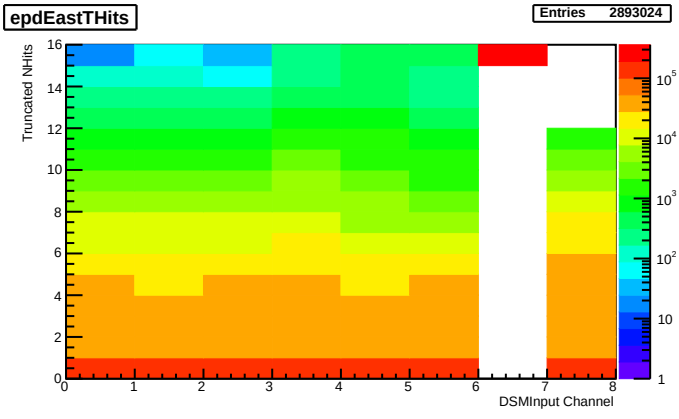
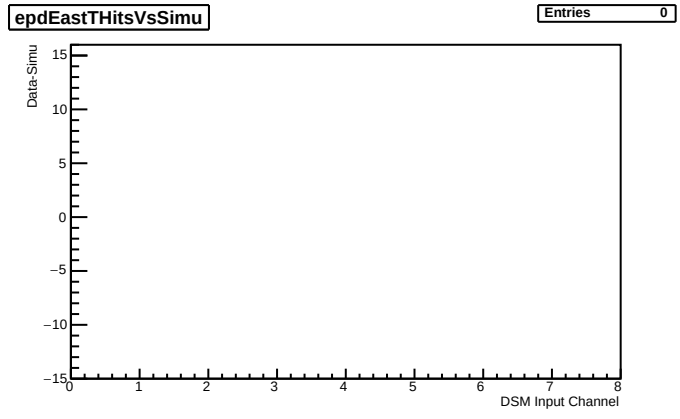
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2893024
Truncated NHits
DSMInput Channel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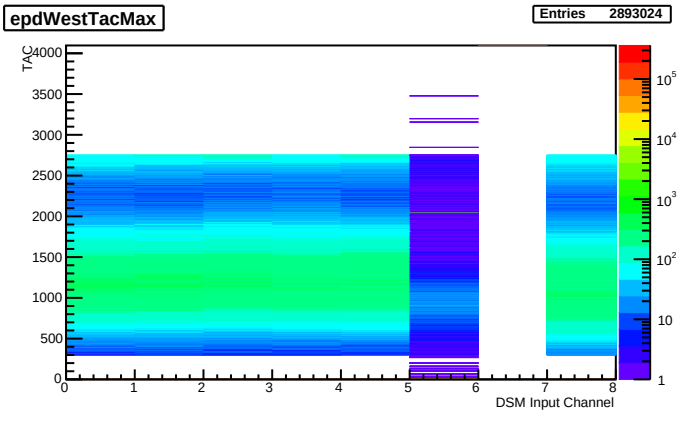
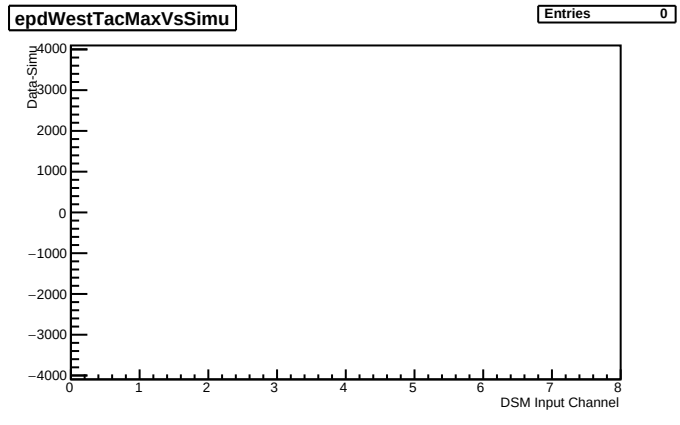
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2893024
TAC
DSM Input Channel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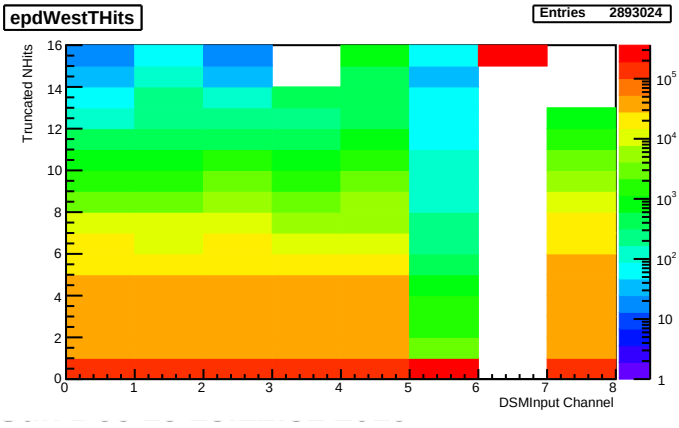
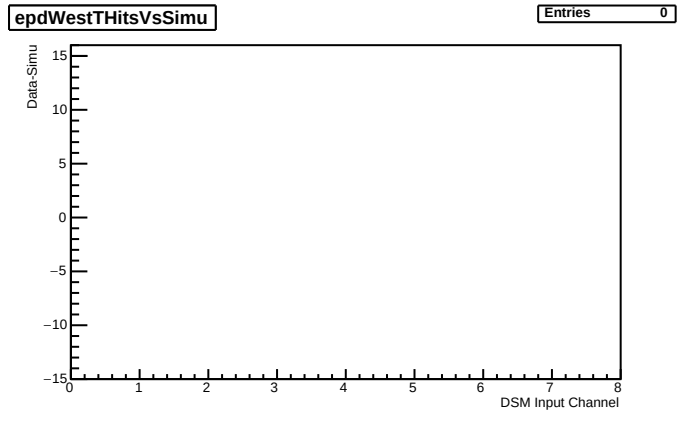
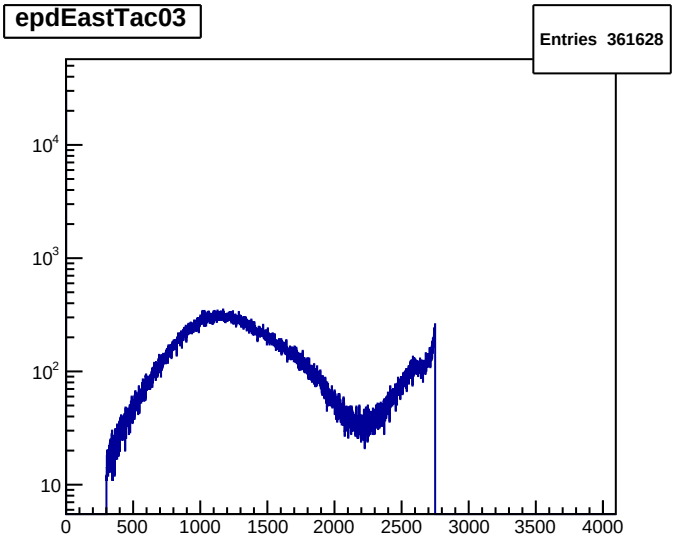
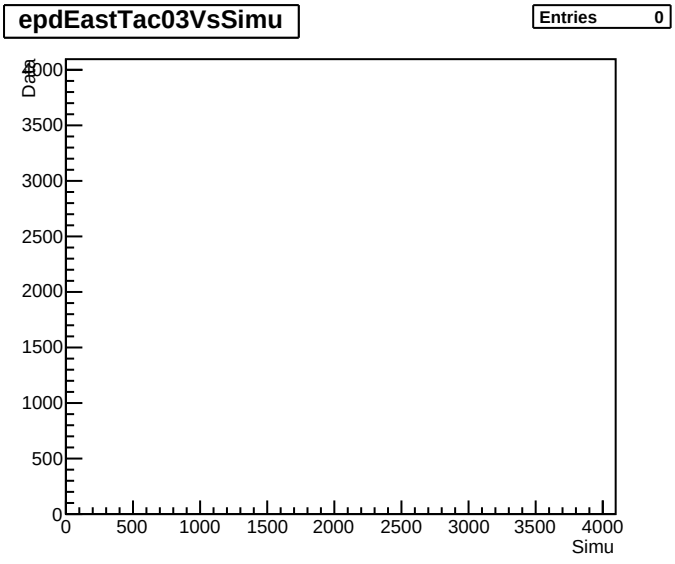
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2893024
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 361628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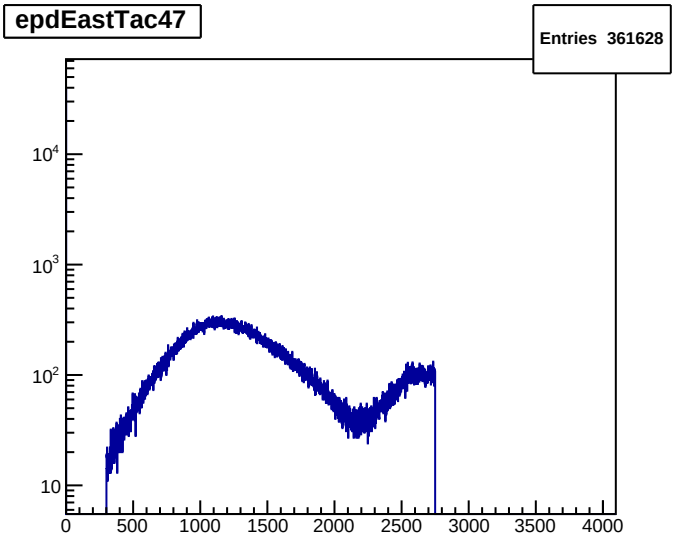
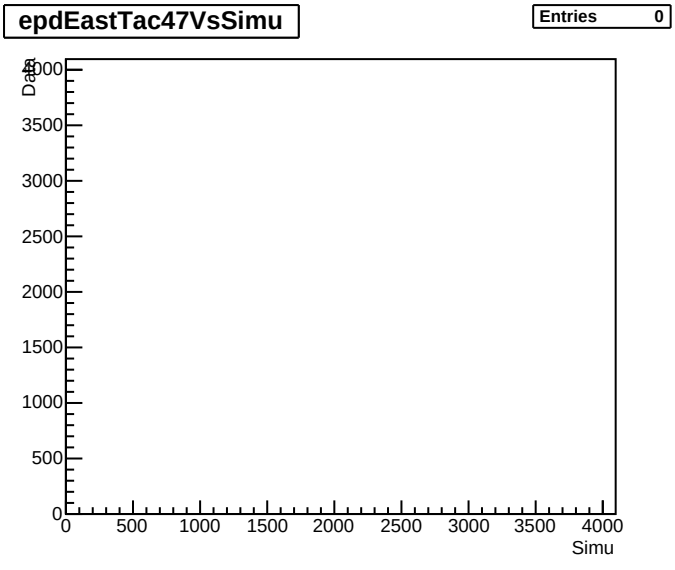
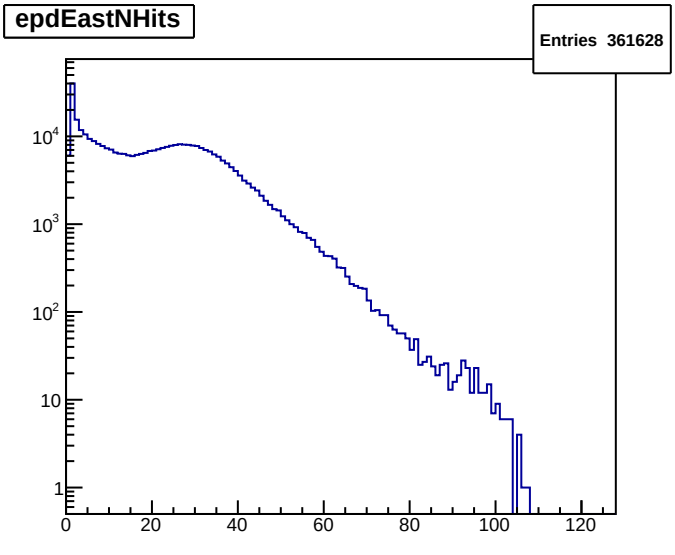
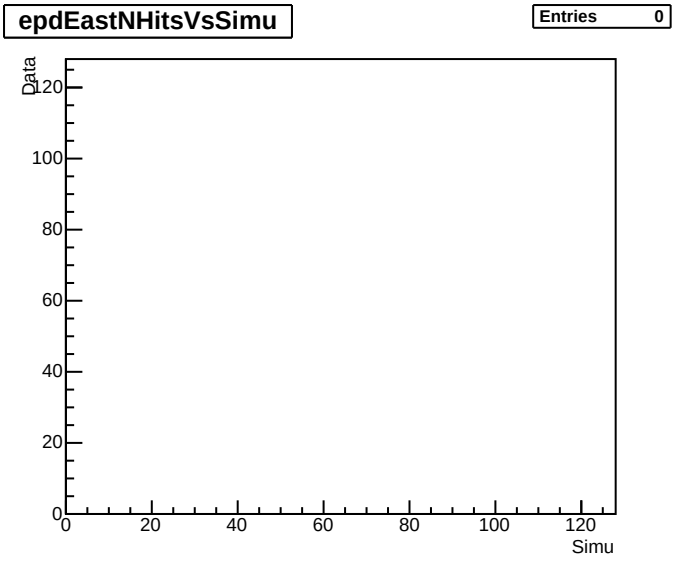
Entries 0
Data
Simu


epdEastTac47
Entries 361628


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 361628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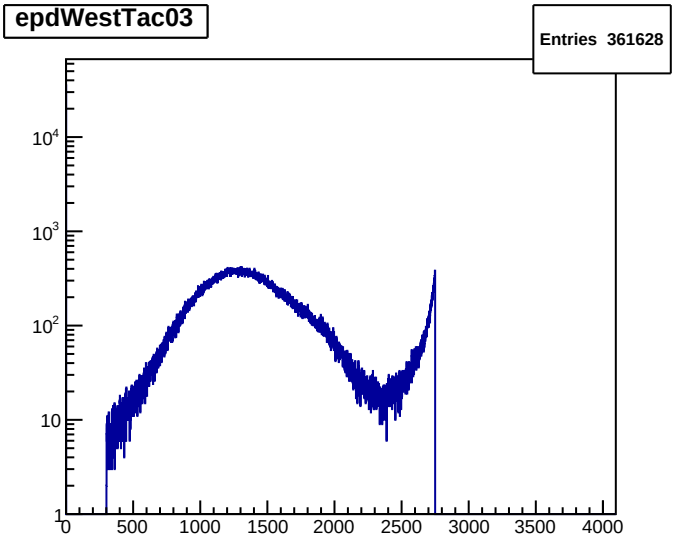
Entries 0
Data
Simu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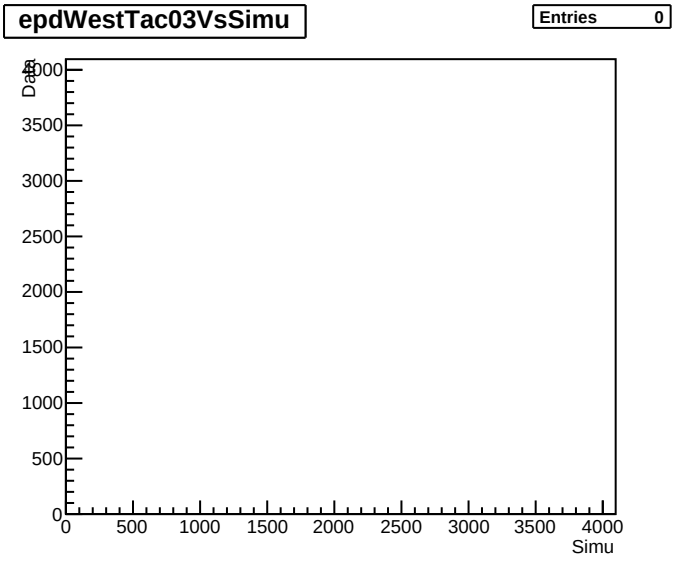
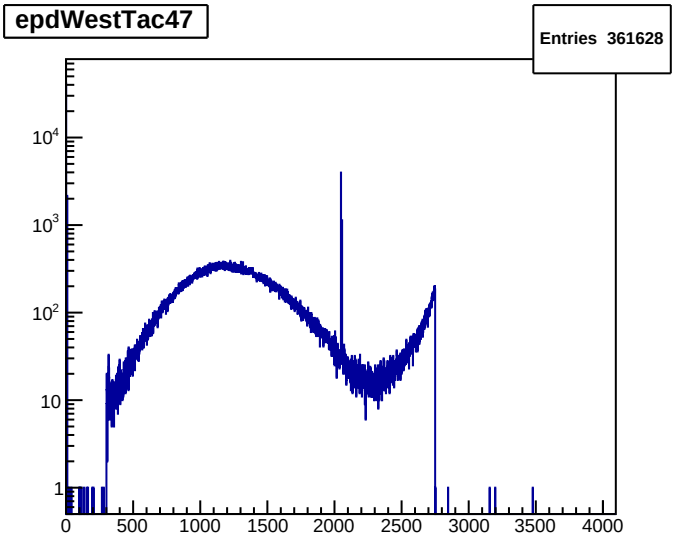
Entries 361628


epdWestTac03VsSimu
Entries 0
Data
Simu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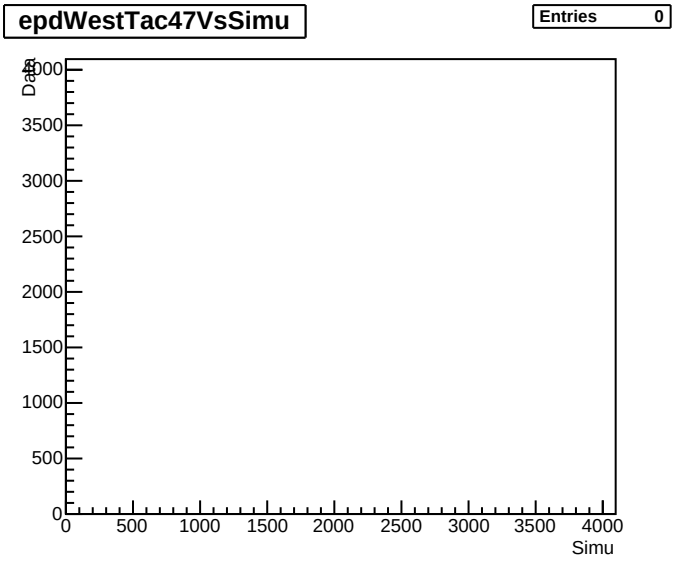
Entries 361628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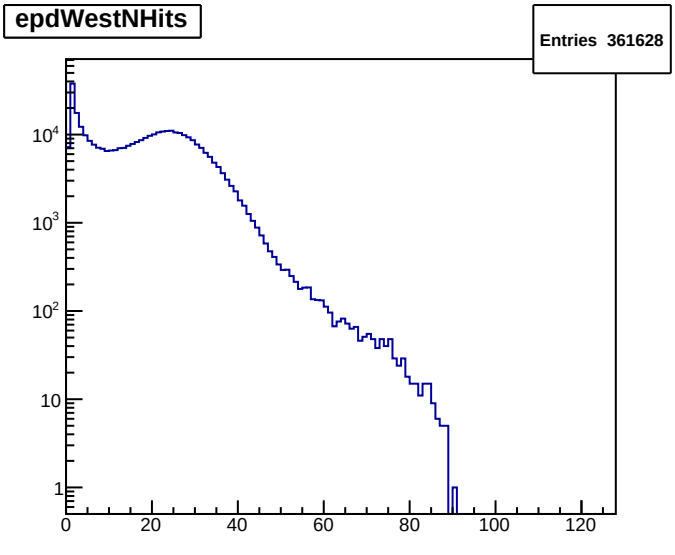
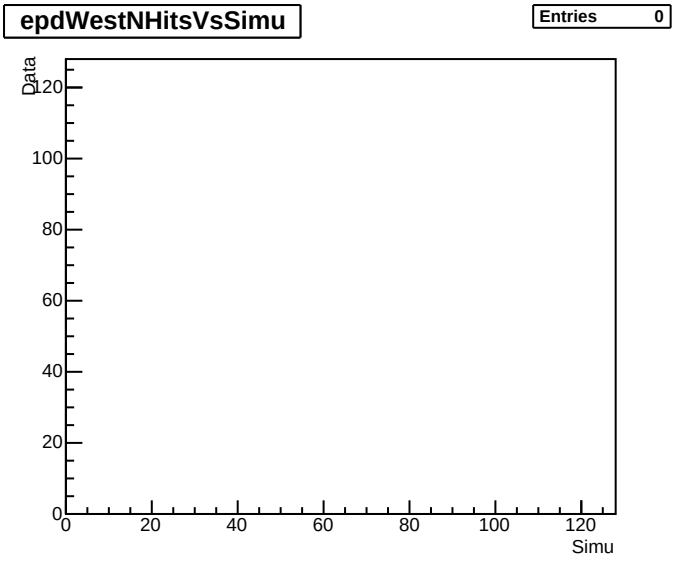
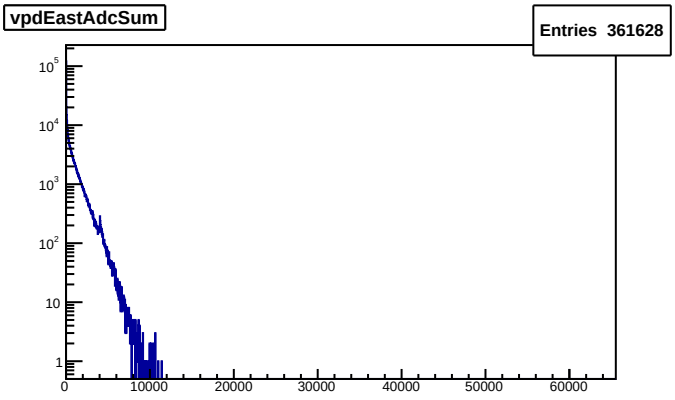
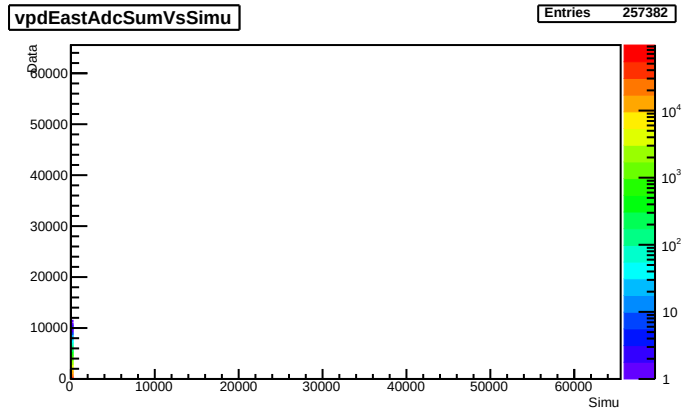
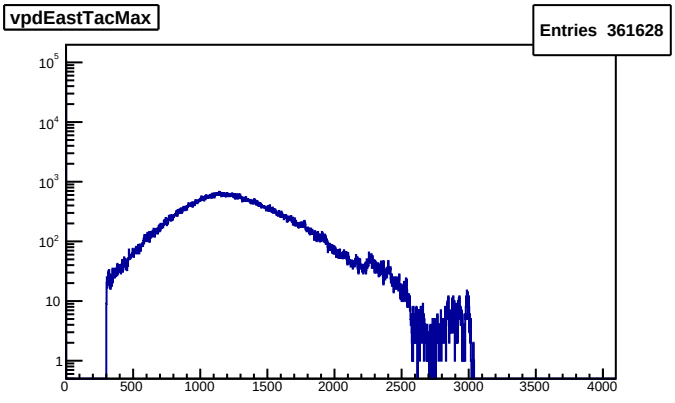
Entries 0
Data
Simu

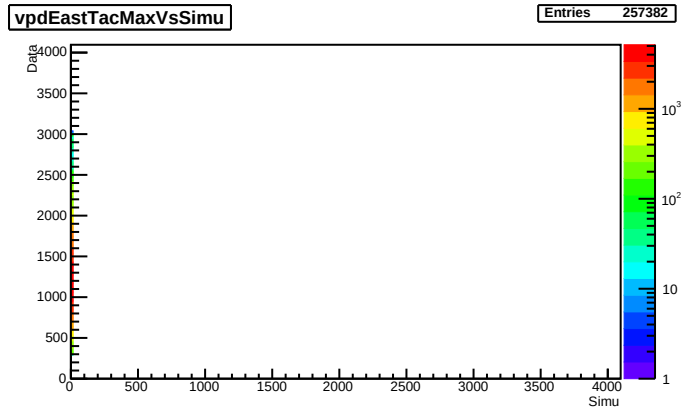

epdWestNHits
Entries 361628

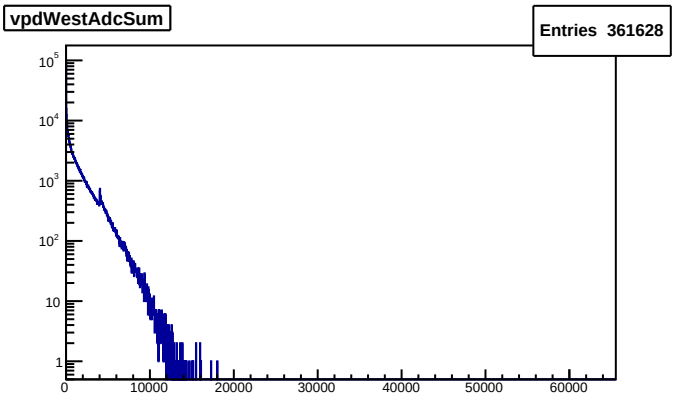

epdWestNHitsVsSimu
Entries 0
Data
Simu

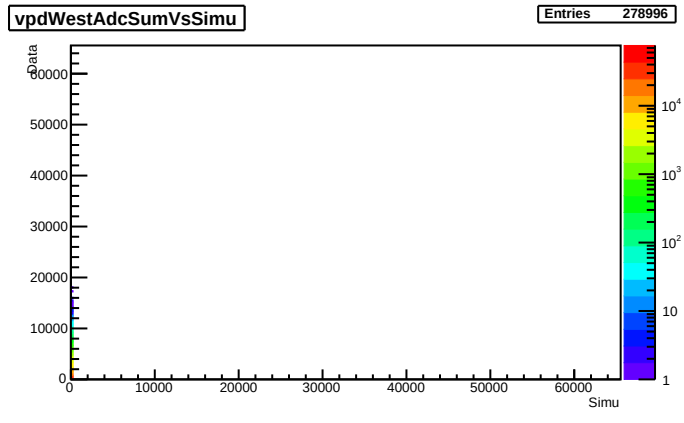

vpdEastAdcSum
Entries 361628

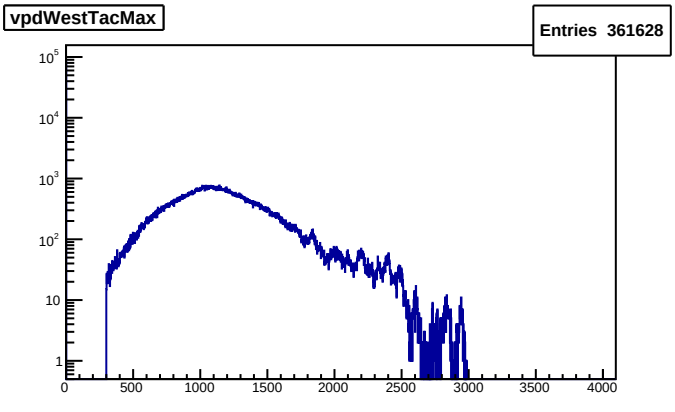

vpdEastAdcSumVsSimu
Entries 257382
Data
Simu

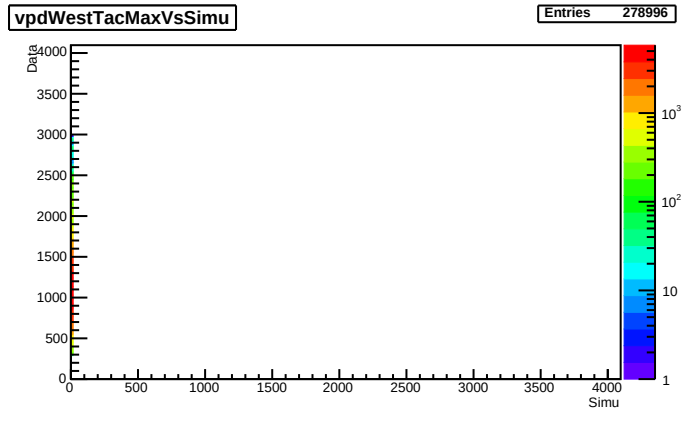

vpdEastTacMax
Entries 361628

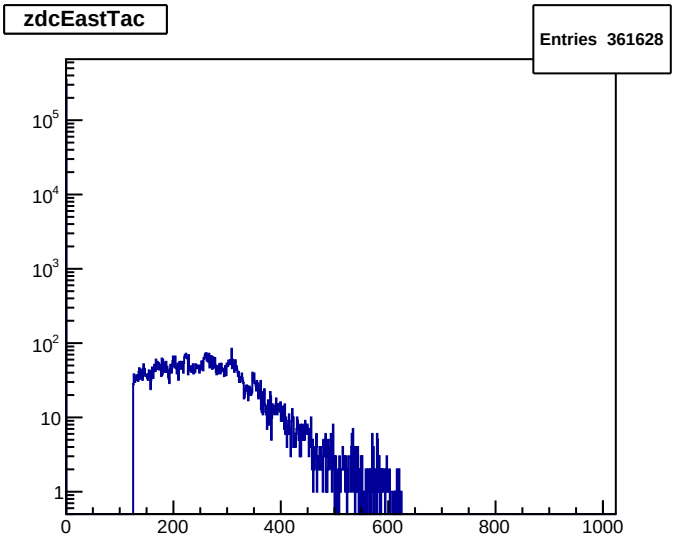

vpdEastTacMaxVsSimu
Entries 257382
Data
Simu

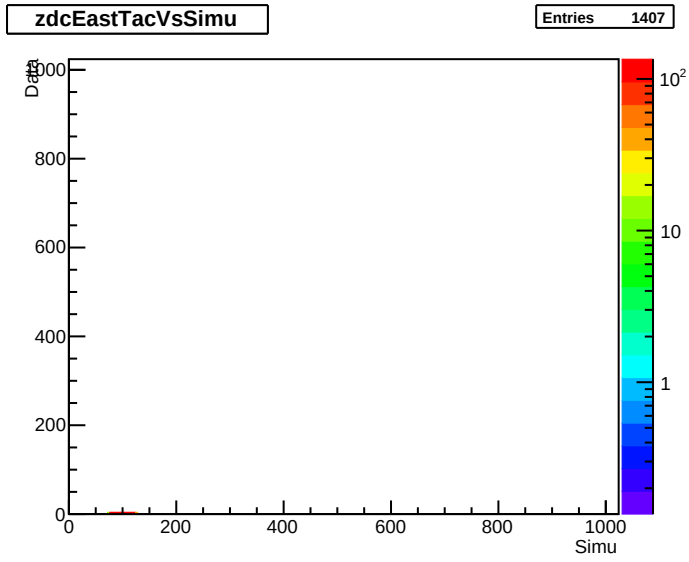

vpdWestAdcSum
Entries 361628

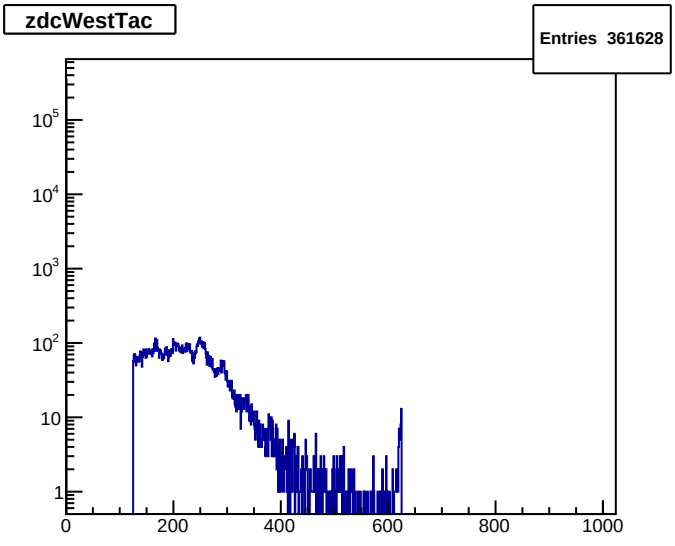

vpdWestAdcSumVsSimu
Entries 278996
Data
Simu

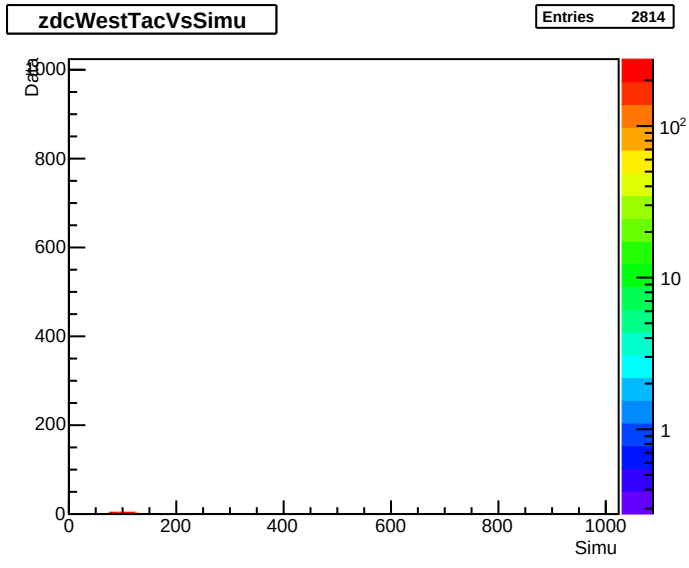

vpdWestTacMax
Entries 361628

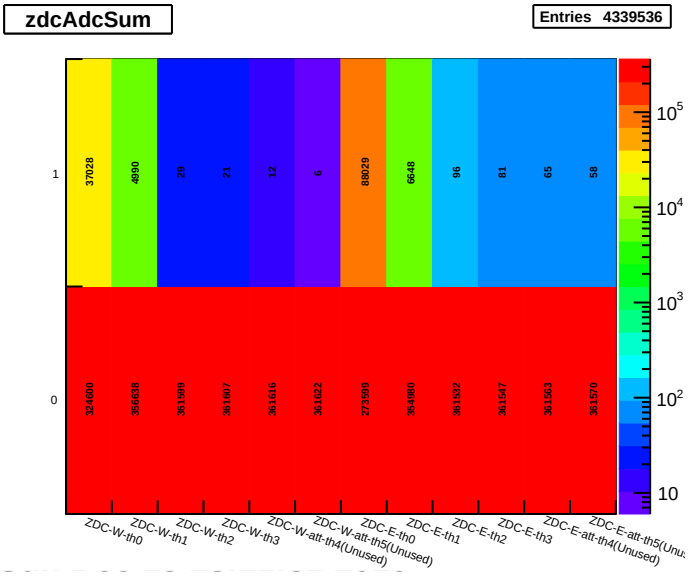

vpdWestTacMaxVsSimu
Entries 278996
Data
Simu

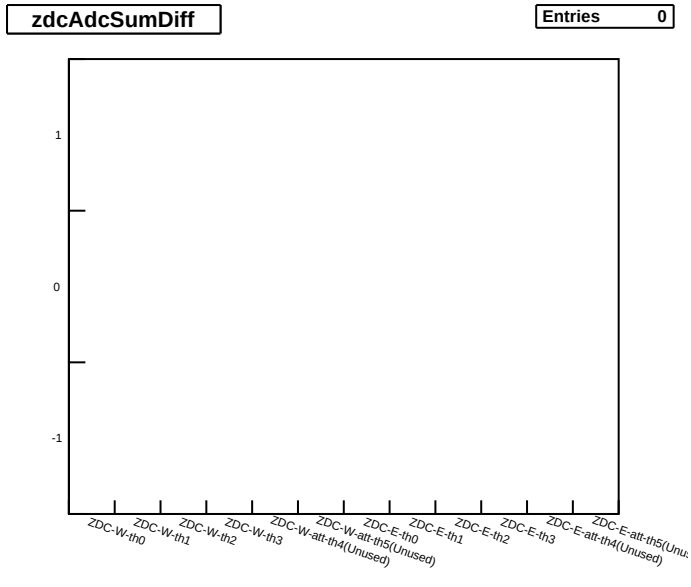

zdcEastTac
Entries 361628

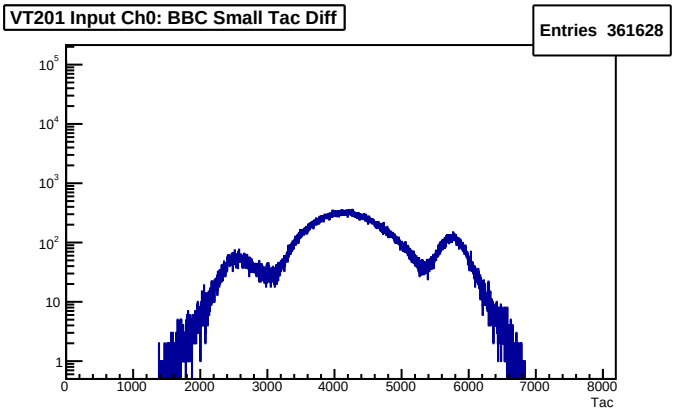

zdcEastTacVsSimu
Entries 1407
Data
Simu

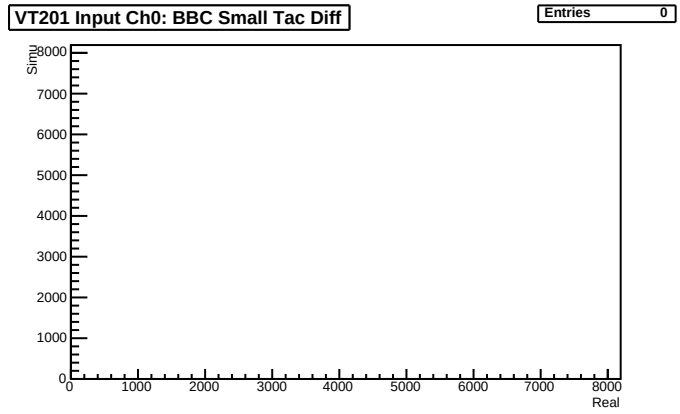

zdcWestTac
Entries 361628

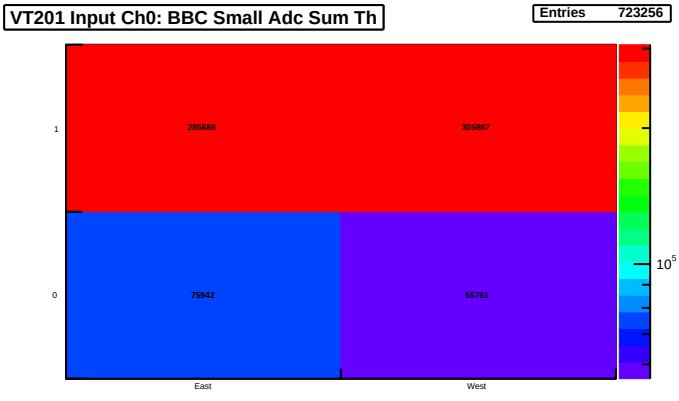

zdcWestTacVsSimu
Entries 2814
Data
Simu

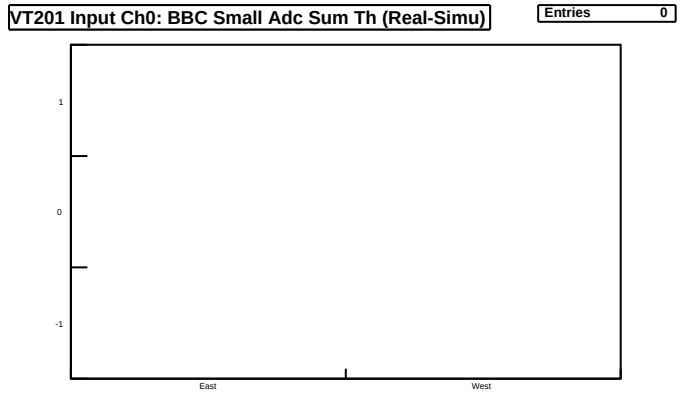

zdcAdcSum
Entries 4339536
37028
4990
29
21
12
6
88029
6648
96
81
65
58
324600
356638
361599
361607
361616
361622
273599
354880
361532
361547
361563
361570
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

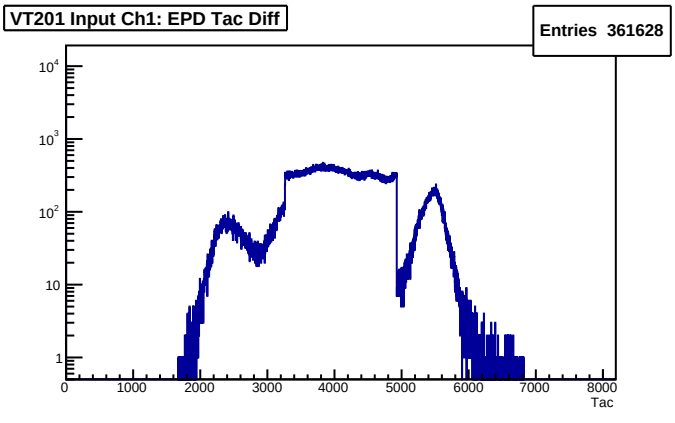

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

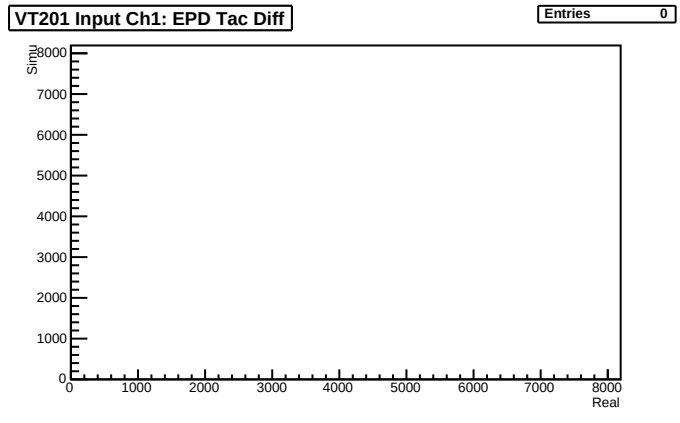

VT201 Input Ch0: BBC Small Tac Diff
Entries 361628
Tac

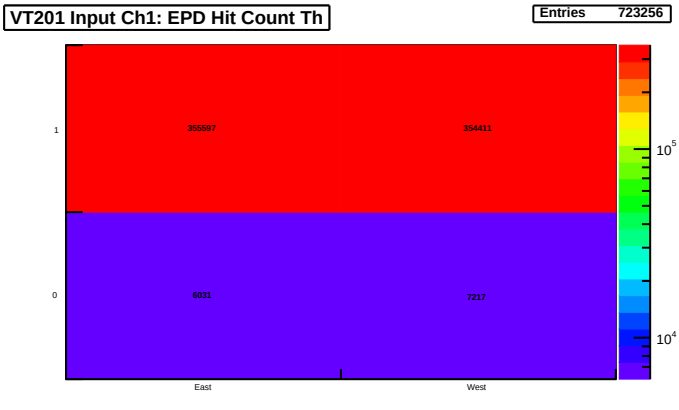

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

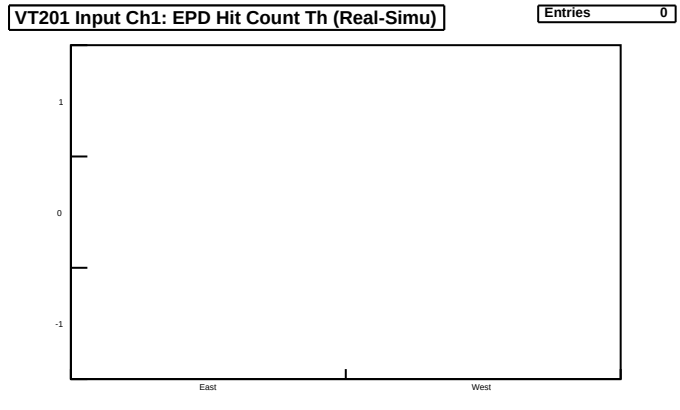

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 723256
285686
305867
75942
55761
East
West

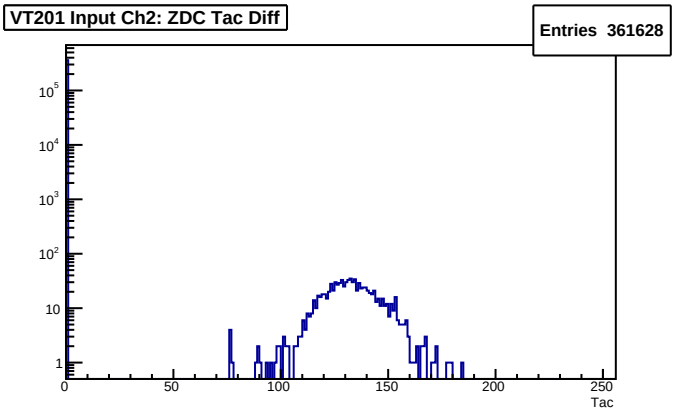

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

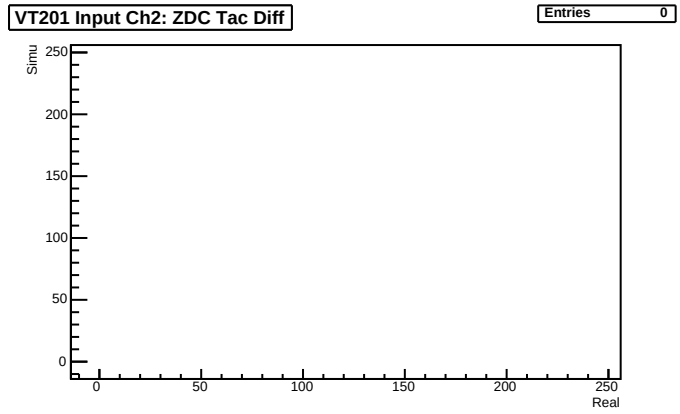

VT201 Input Ch1: EPD Tac Diff
Entries 361628
Tac

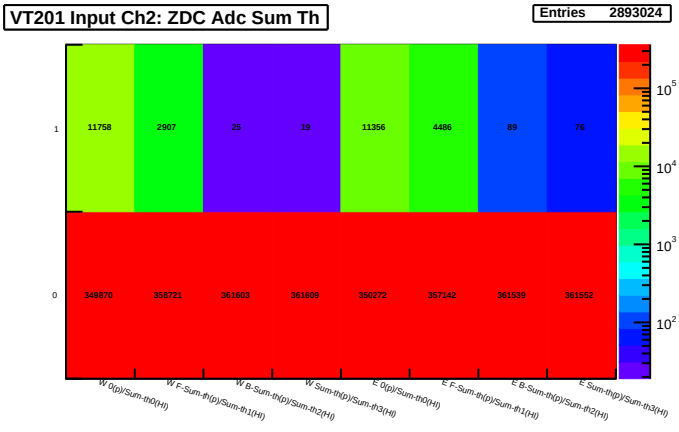

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

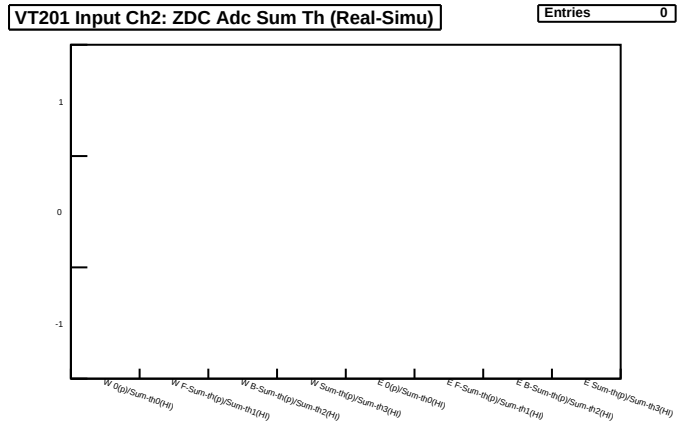

VT201 Input Ch1: EPD Hit Count Th
Entries 723256
355597
354411
6031
7217
East
West

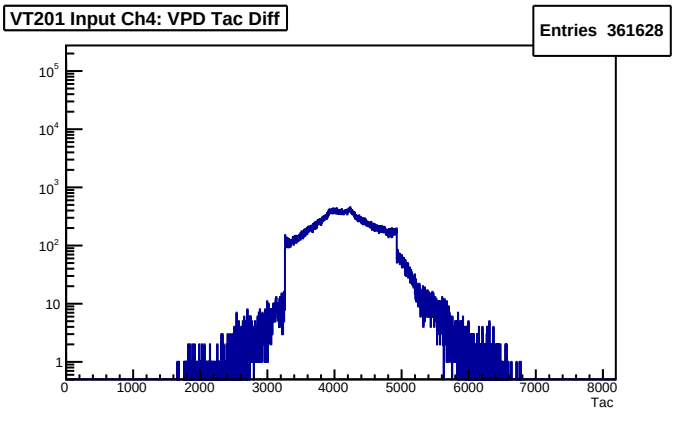

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

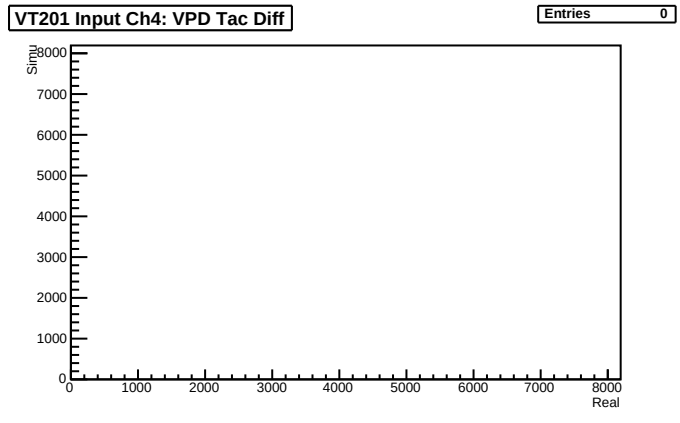

VT201 Input Ch2: ZDC Tac Diff
Entries 361628
Tac

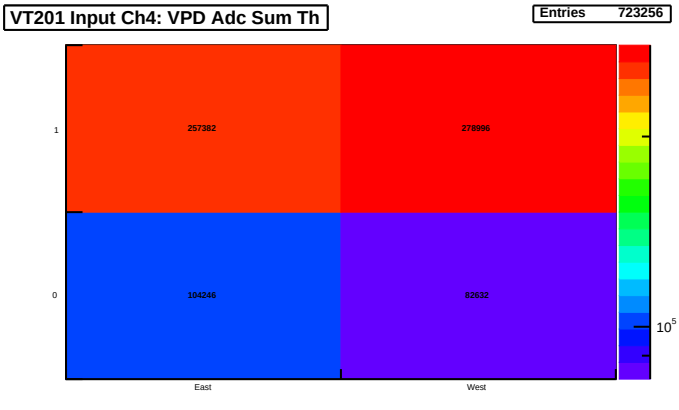

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

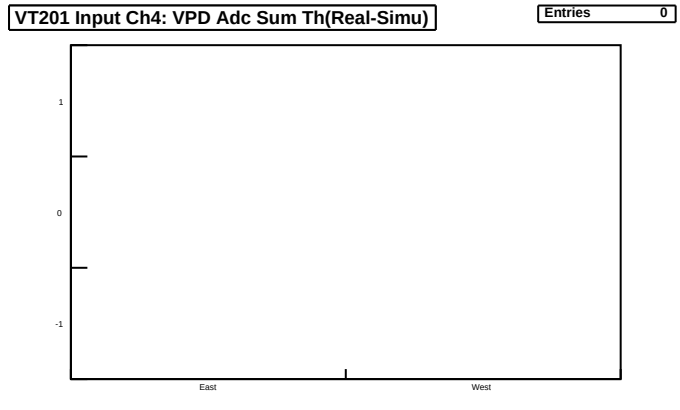

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2893024
11758
2907
25
19
11356
4486
89
76
349870
358721
361603
361609
350272
357142
361539
361552
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

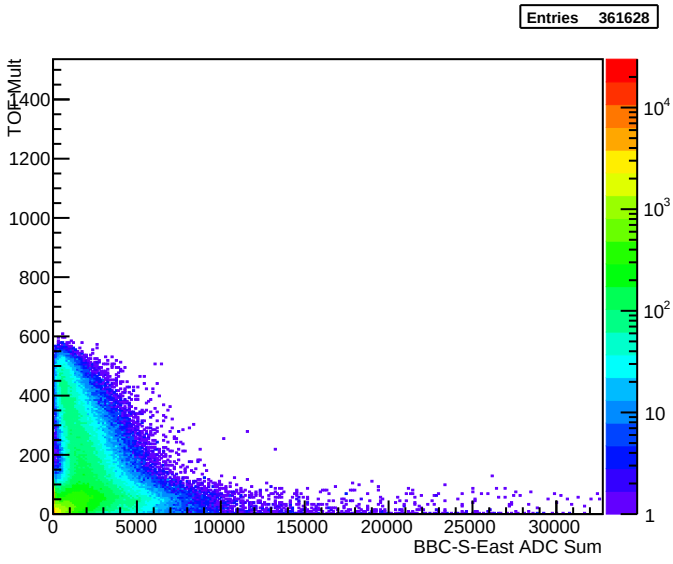

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

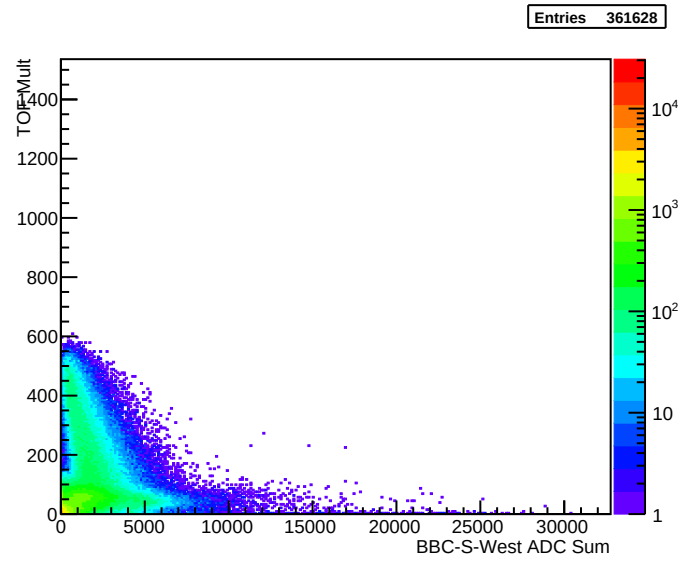

VT201 Input Ch4: VPD Tac Diff
Entries 361628
Tac

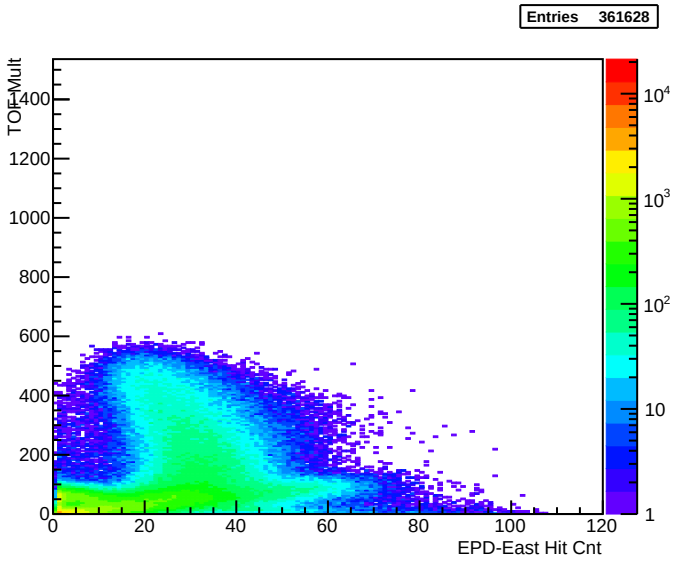

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

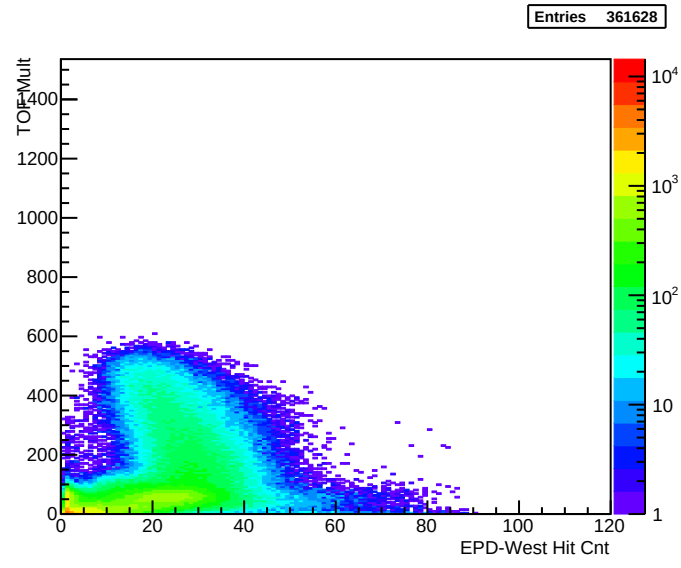

VT201 Input Ch4: VPD Adc Sum Th
Entries 723256
257382
278996
104246
82632
East
West

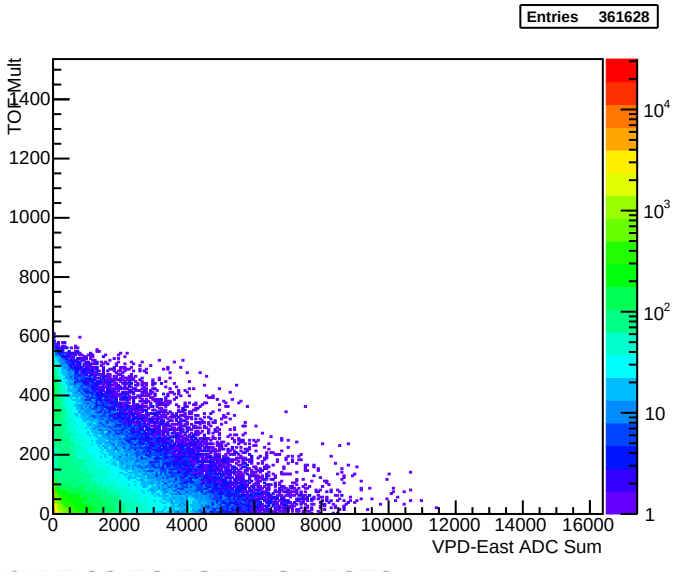

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

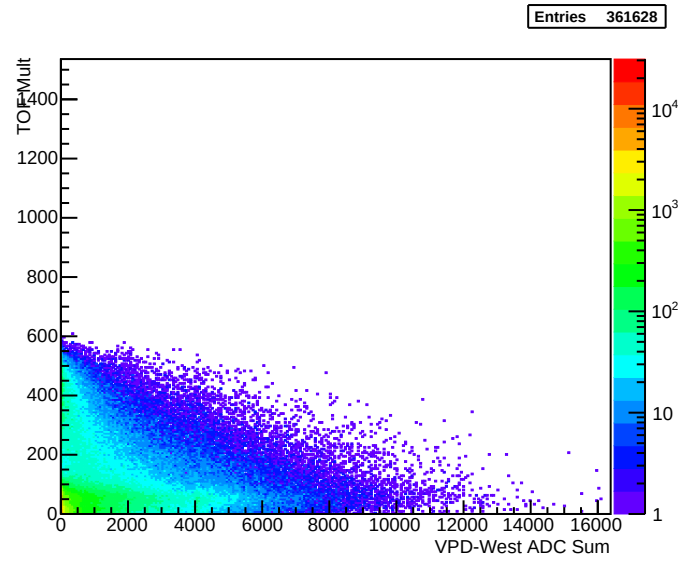

Entries 361628
TOF-Mult
BBC-S-East ADC Sum

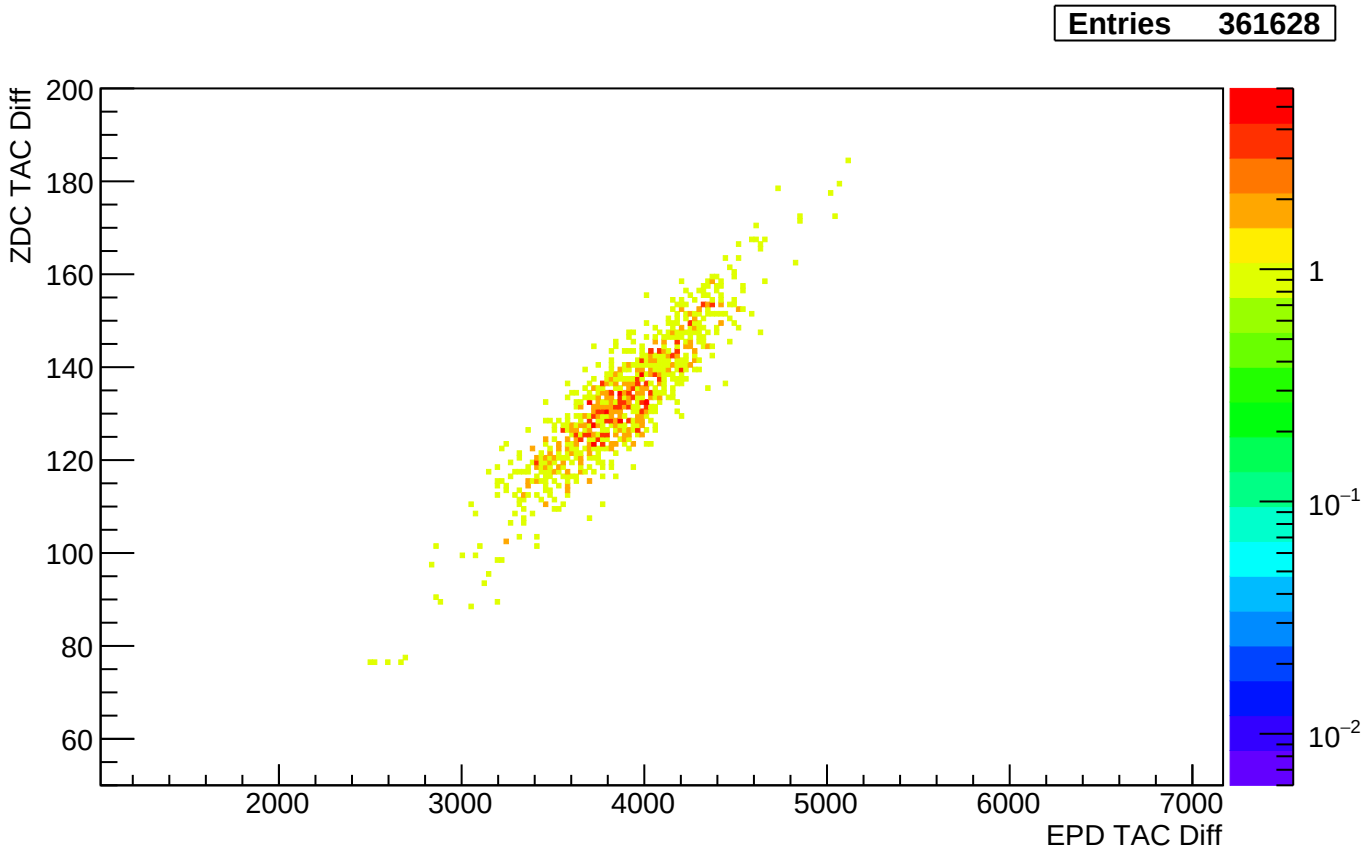

Entries 361628
TOF-Mult
BBC-S-West ADC Sum

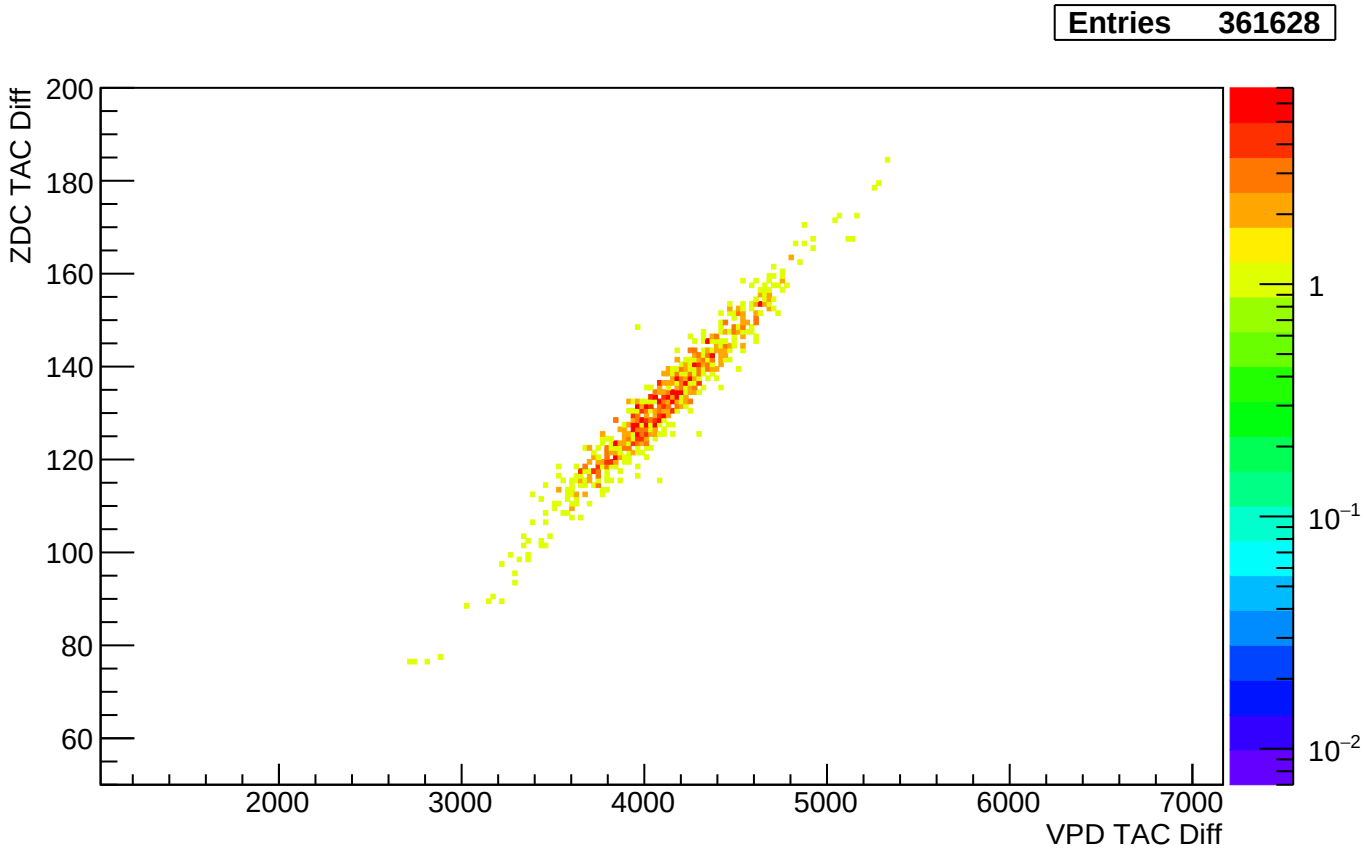

Entries 361628
TOF-Mult
EPD-East Hit Cnt

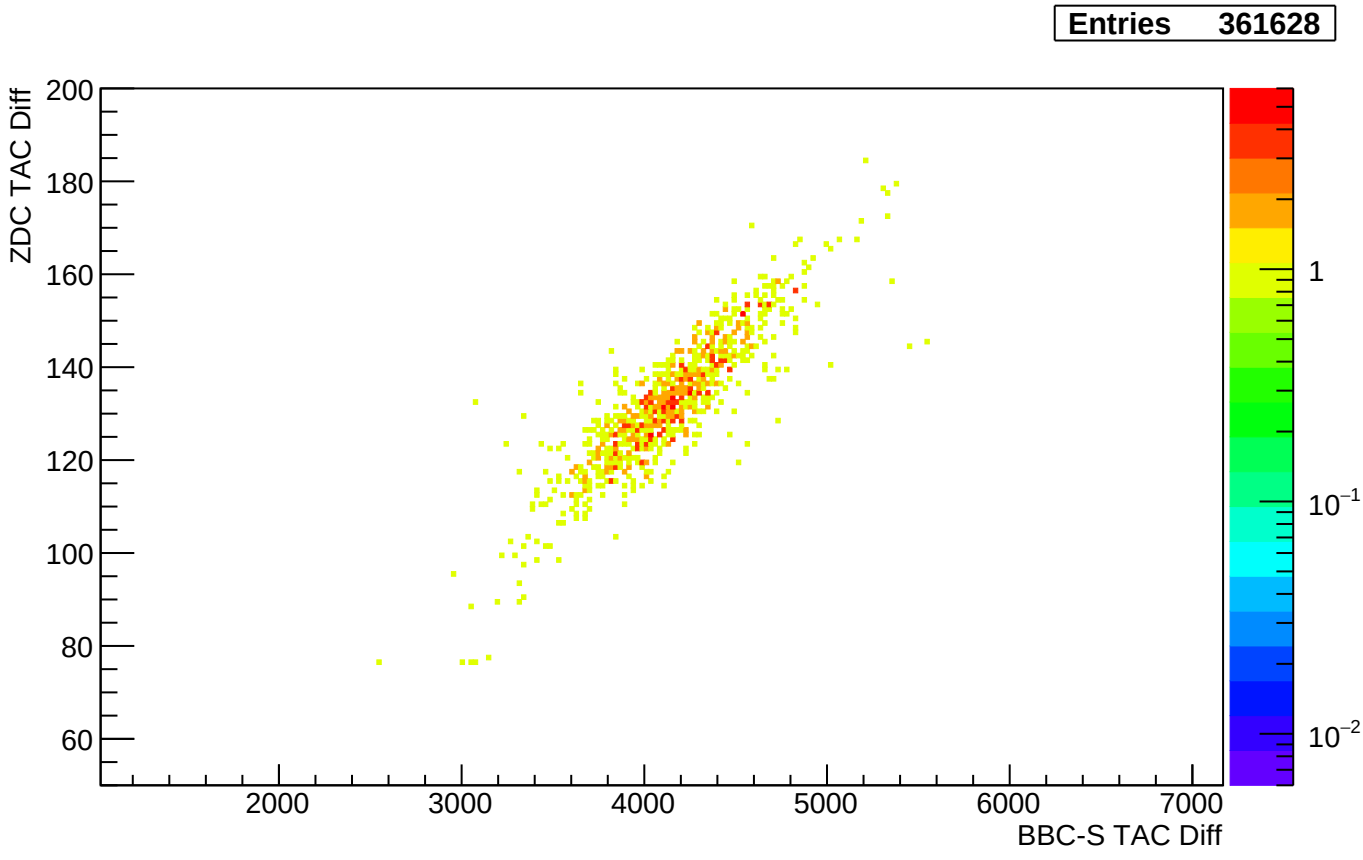

Entries 361628
TOF-Mult
EPD-West Hit Cnt

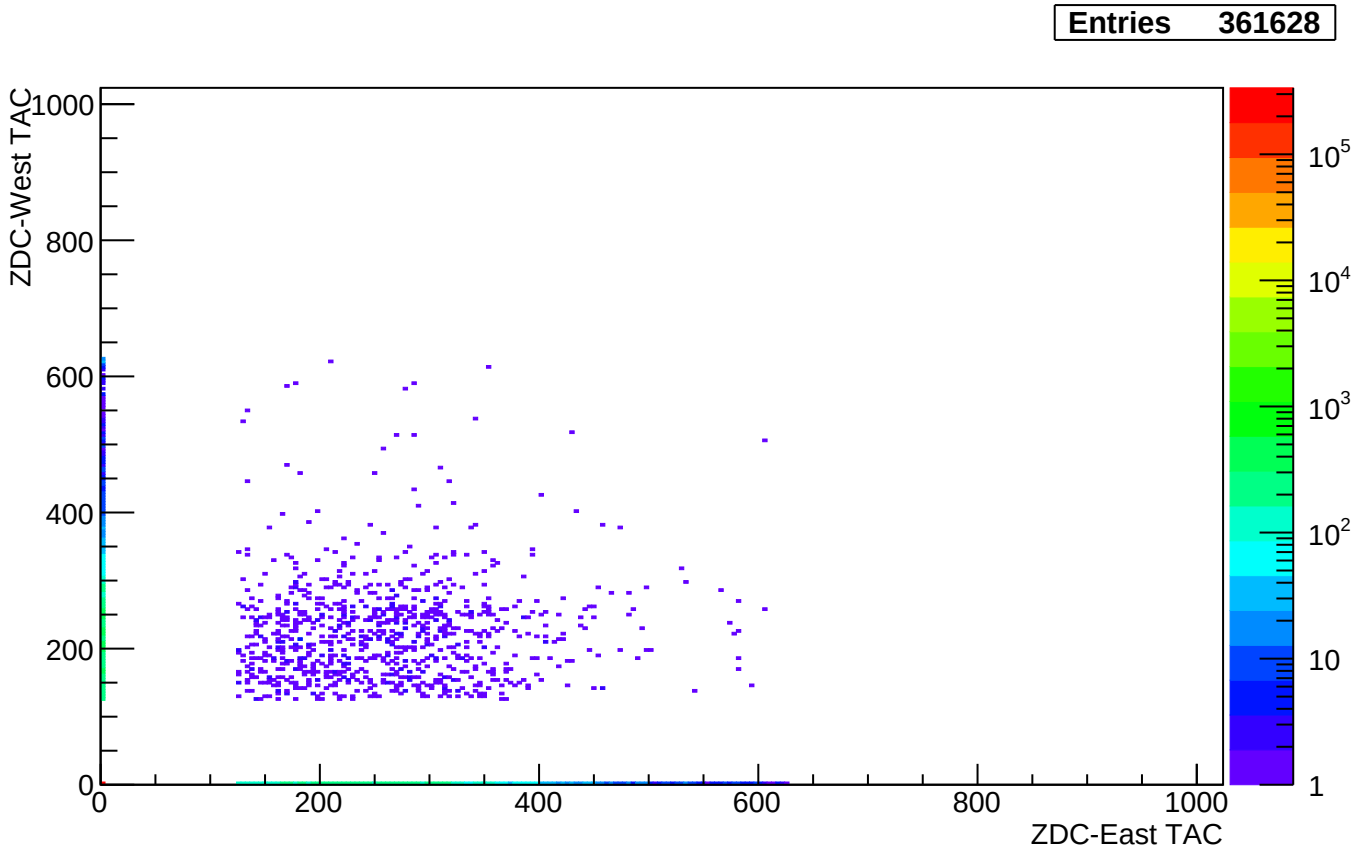

Entries 361628
TOF-Mult
VPD-East ADC Sum

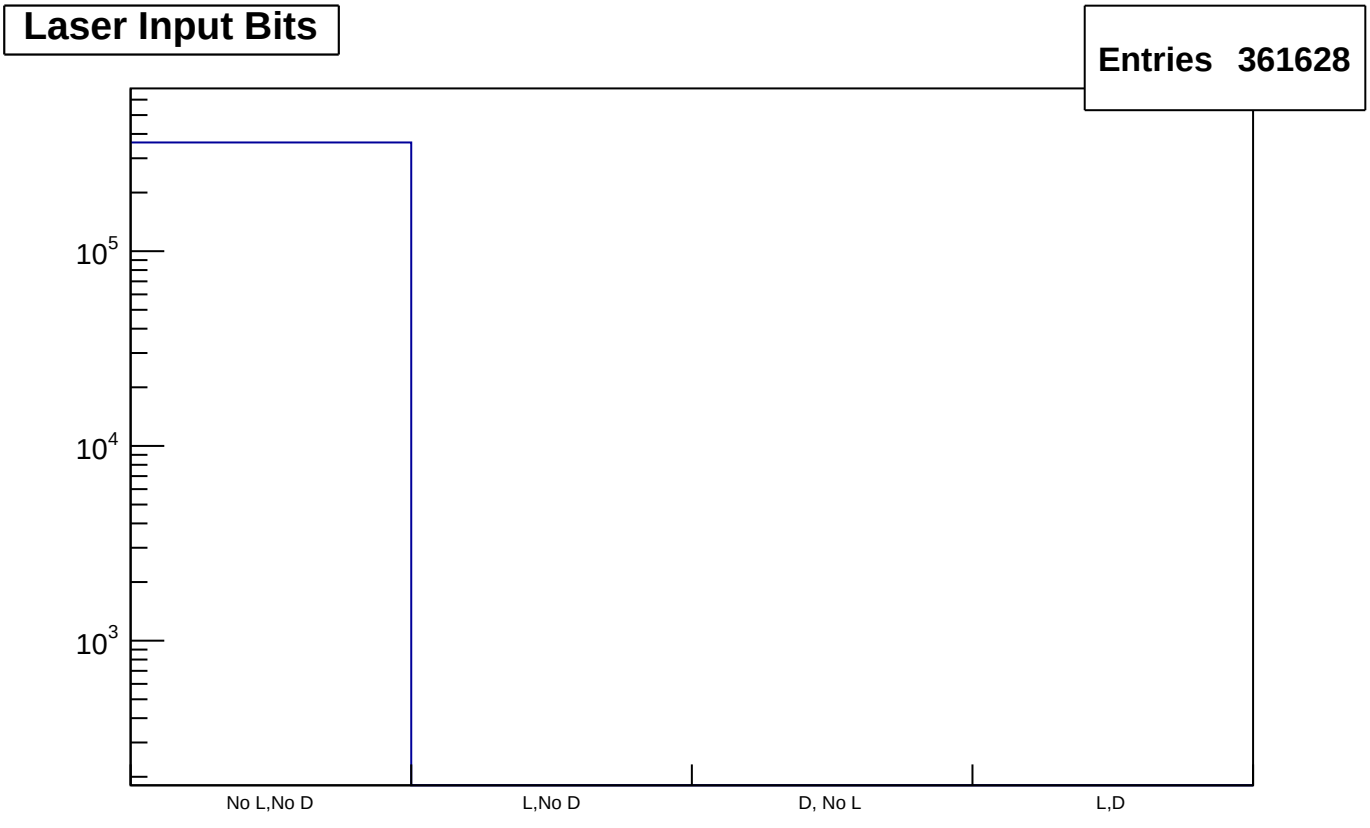

Entries 361628
TOF-Mult
VPD-West ADC Sum

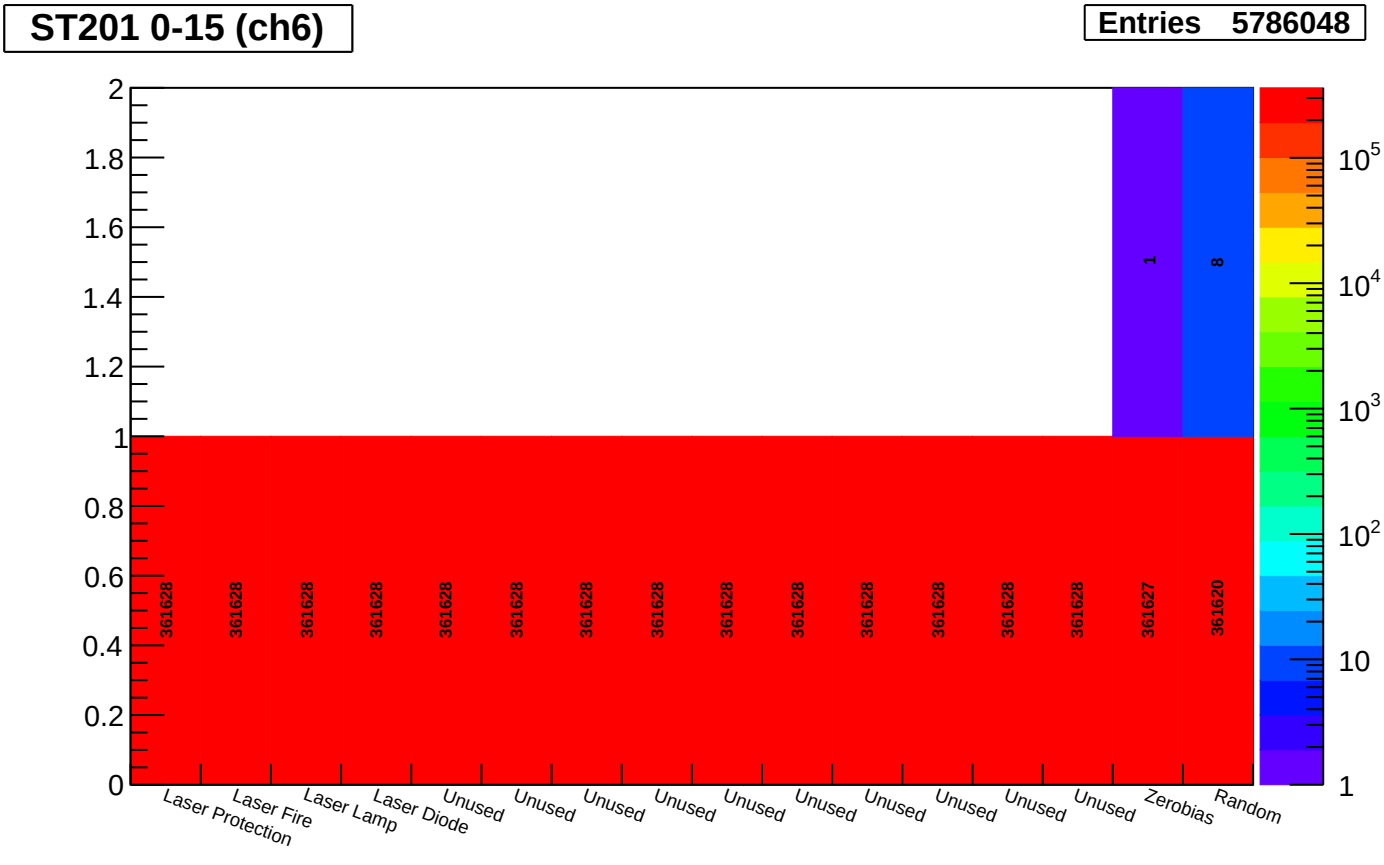

Entries 361628
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

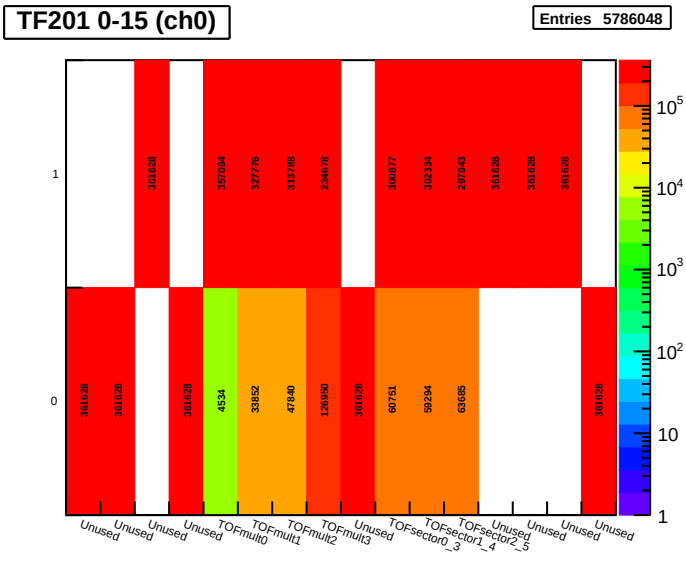

Entries 361628
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

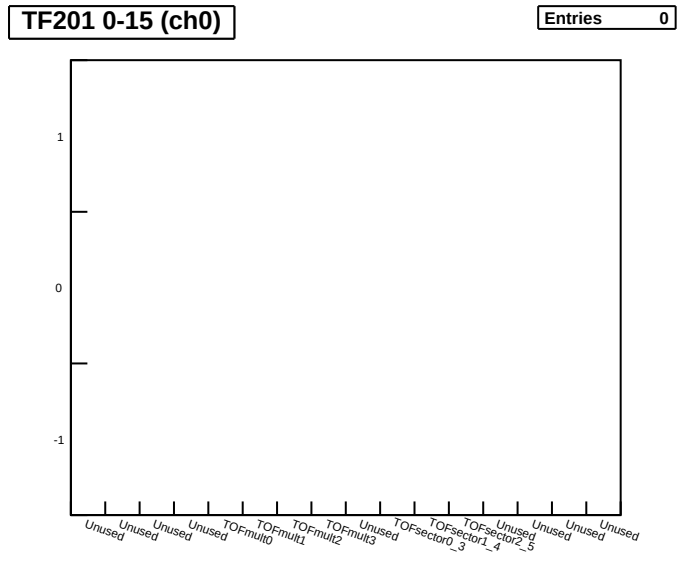

Entries 361628
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

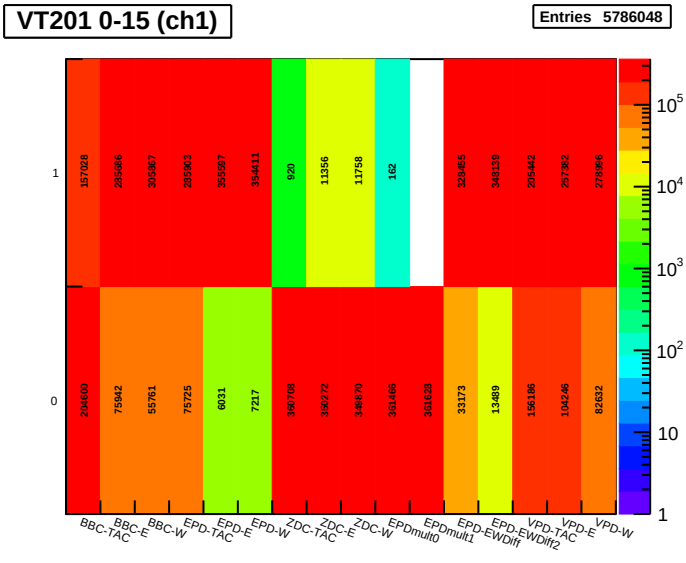

Entries 361628
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

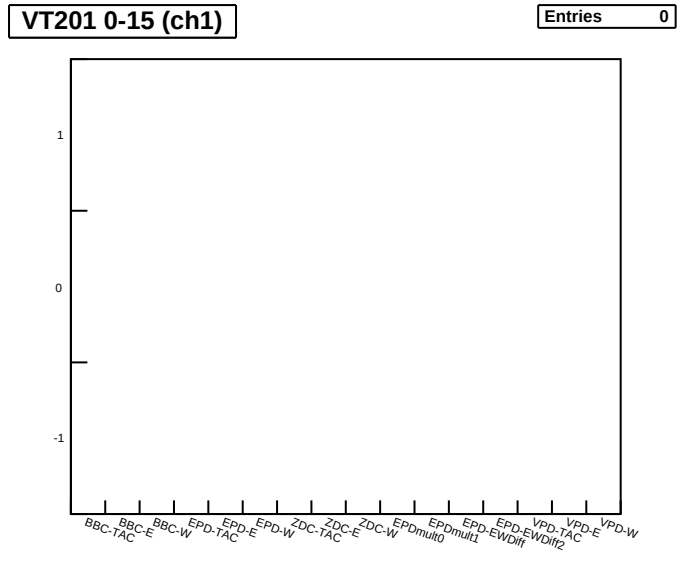

Laser Input Bits
Entries 361628
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

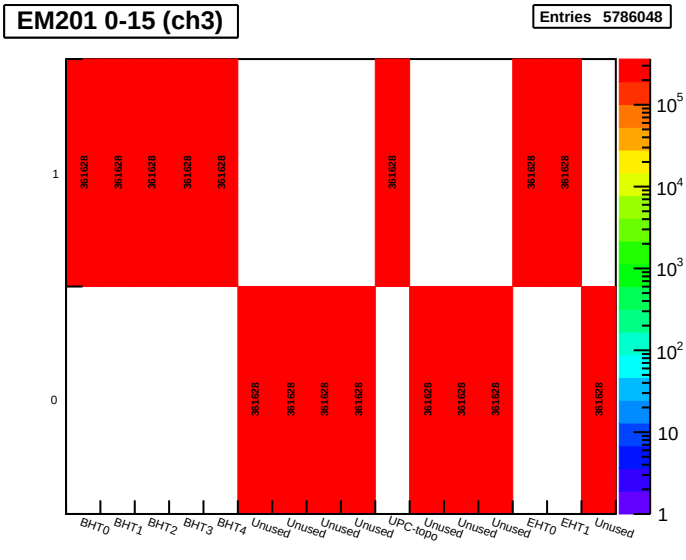

ST201 0-15 (ch6)
Entries 5786048
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
361628
361628
361628
361628
361628
361628
361628
361628
361628
361628
361628
361628
361628
361628
361627
361620
1
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

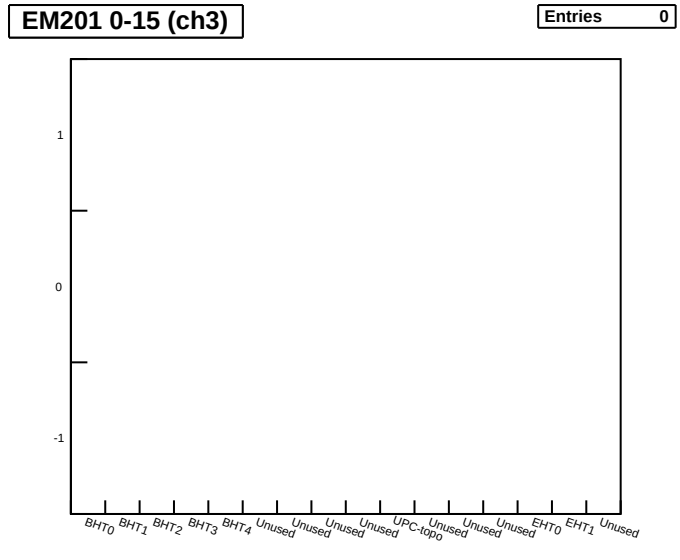

TF201 0-15 (ch0)
Entries 5786048
361628 357094 322776 313788 234678 300877 302334 297943 361628 361628 361628
361628 361628 361628 4534 33852 47840 126950 361628 60751 59294 63685 361628
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1
0
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 5786048
157028 285686 305867 285903 355997 354411 920 11356 11758 162 328455 348139 205442 257382 278996
204600 75942 55761 75725 6031 7217 360708 350272 349870 361466 361628 33173 13489 156186 104246 82632
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
0
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 0
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
0
-1


EM201 0-15 (ch3)
Entries 5786048
361628 361628 361628 361628 361628 361628 361628 361628
361628 361628 361628 361628 361628 361628 361628 361628
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1
0
10^5 10^4 10^3 10^2 10 1


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1
0
-1