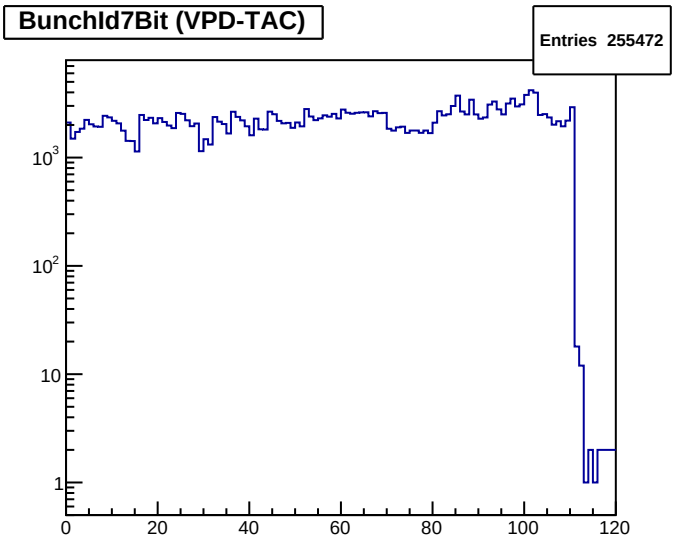
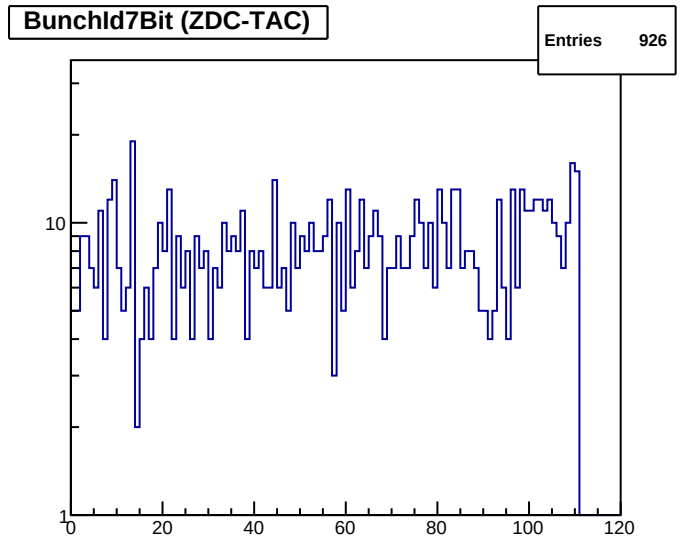
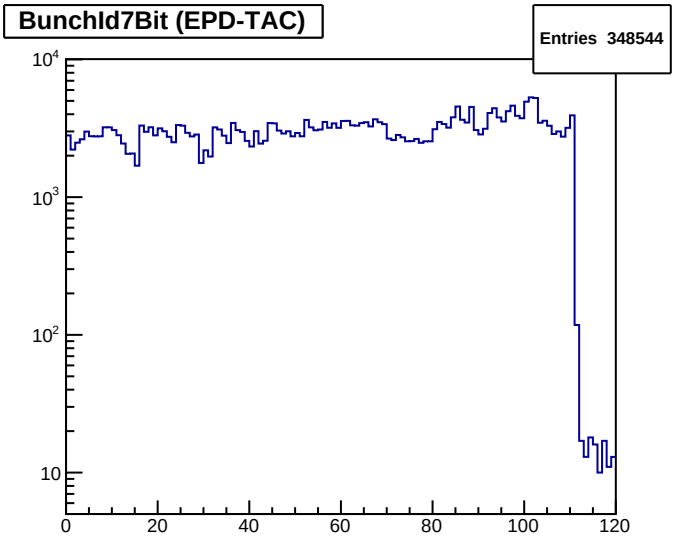
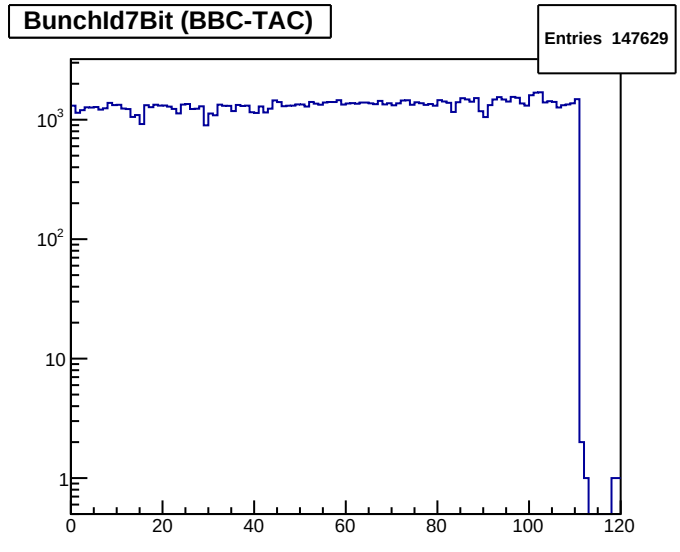
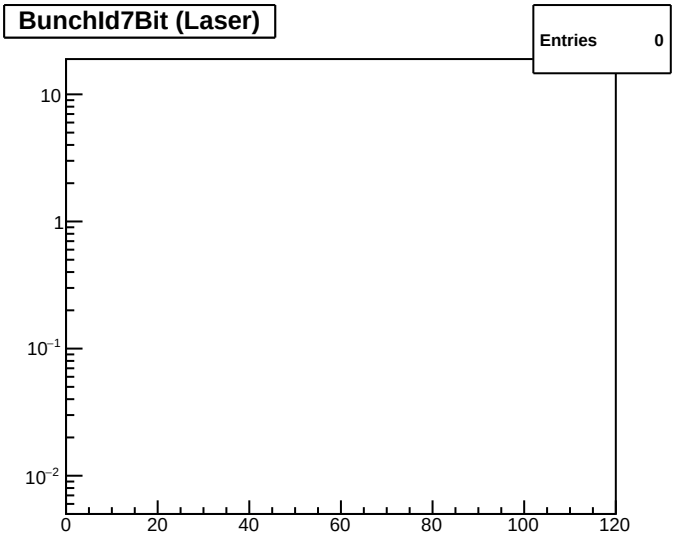
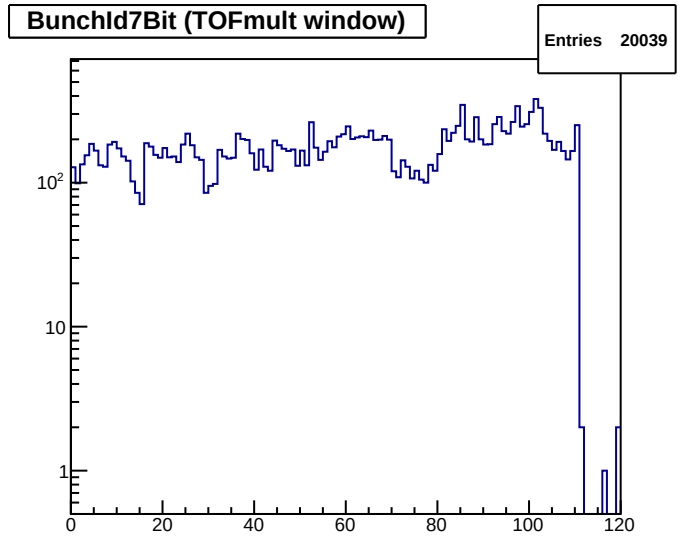

BunchId7Bit (VPD-TAC)
Entries 255472

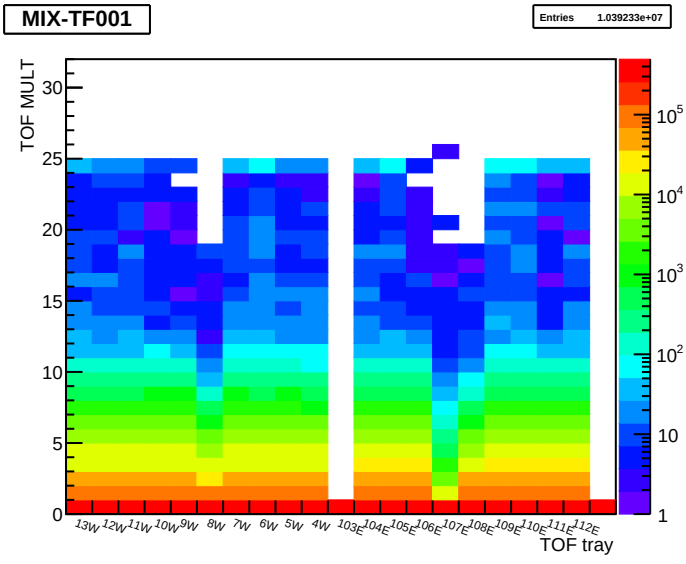

BunchId7Bit (ZDC-TAC)
Entries 926

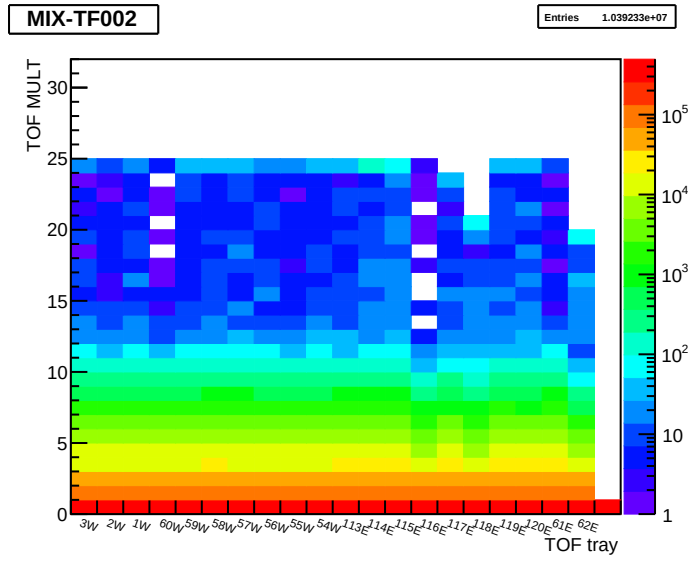

BunchId7Bit (EPD-TAC)
Entries 348544

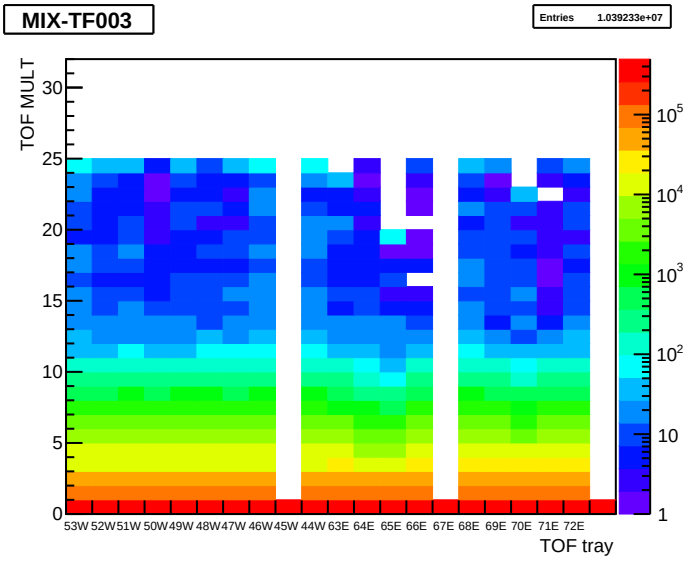

BunchId7Bit (BBC-TAC)
Entries 147629

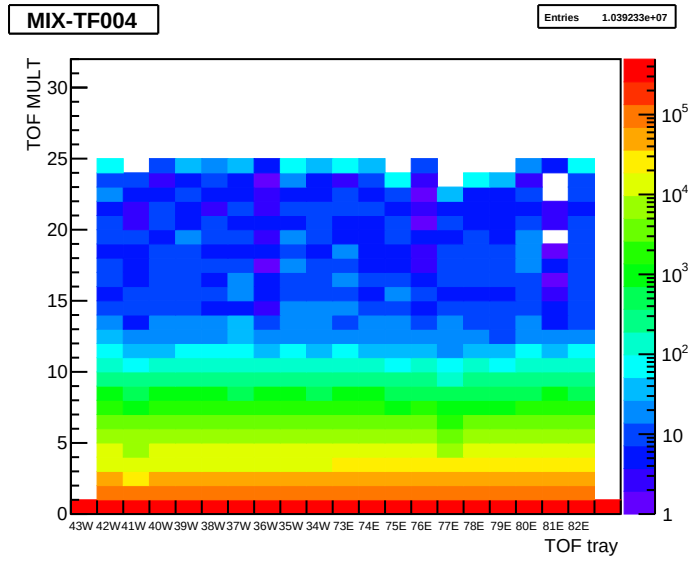

BunchId7Bit (Laser)
Entries 0

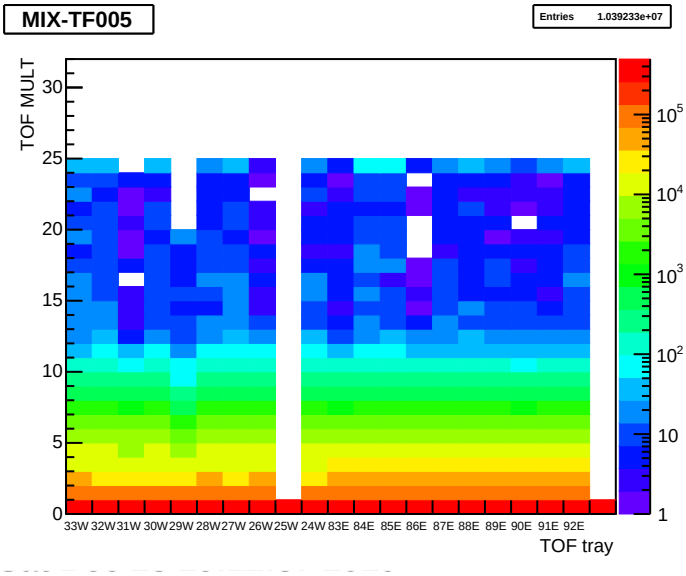

BunchId7Bit (TOFmult window)
Entries 20039

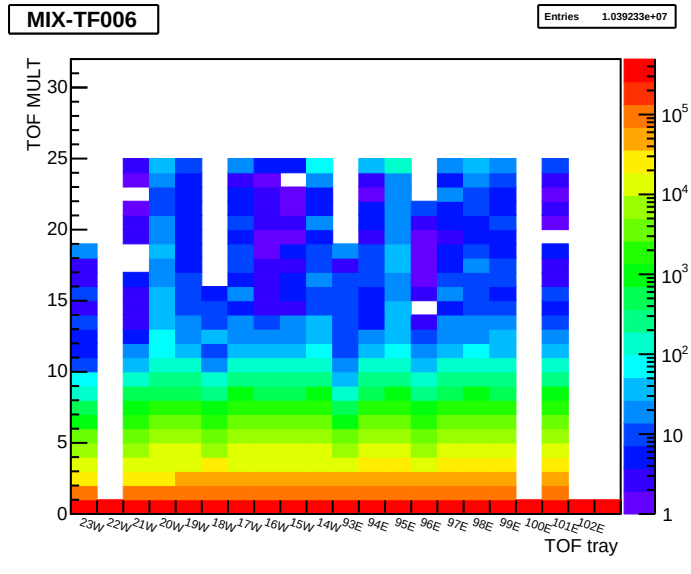

MIX-TF001
Entries 1.039233e+07
TOF MULT
TOF tray

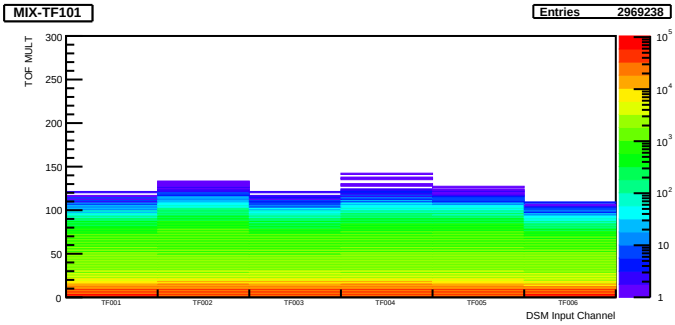

MIX-TF002
Entries 1.039233e+07
TOF MULT
TOF tray

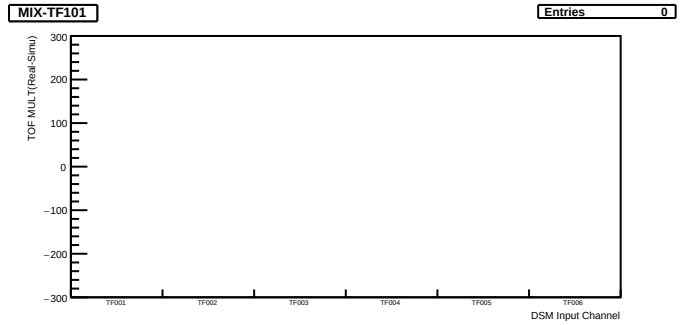

MIX-TF003
Entries 1.039233e+07
TOF MULT
TOF tray

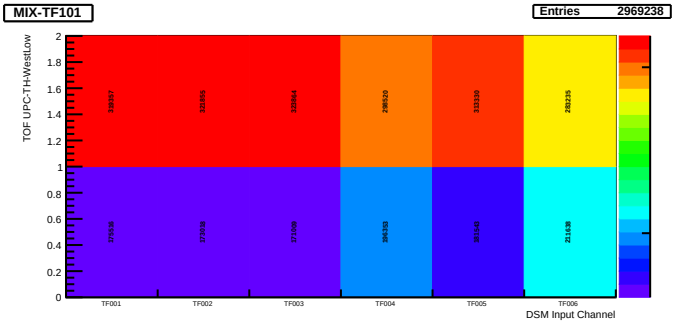

MIX-TF004
Entries 1.039233e+07
TOF MULT
TOF tray

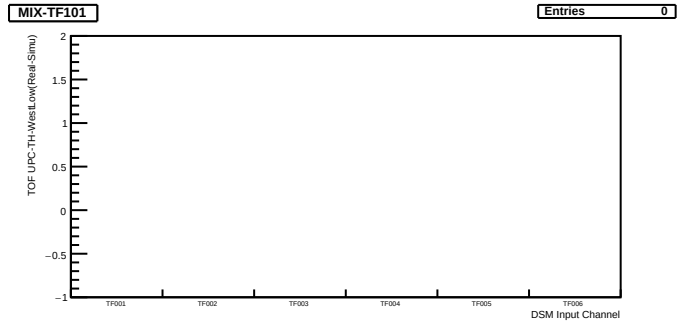

MIX-TF005
Entries 1.039233e+07
TOF MULT
TOF tray

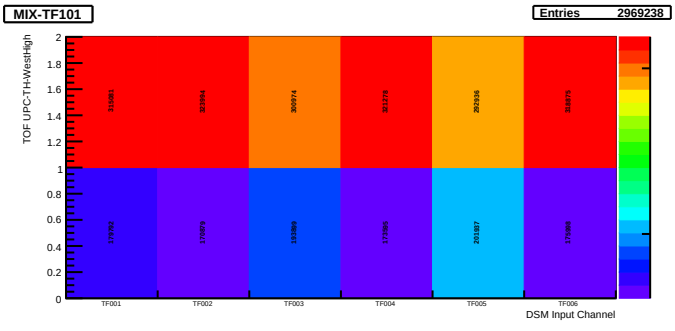

MIX-TF006
Entries 1.039233e+07
TOF MULT
TOF tray

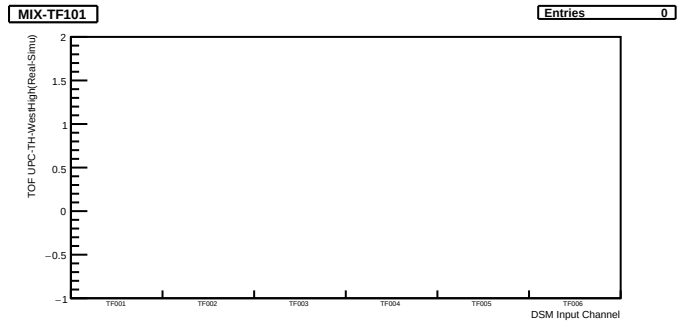

MIX-TF101
Entries 2969238
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

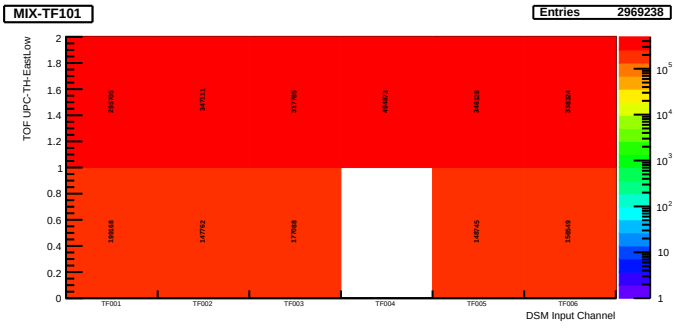

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

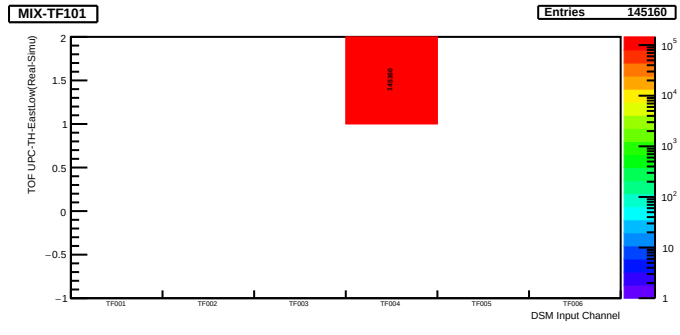

MIX-TF101
Entries 2969238
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

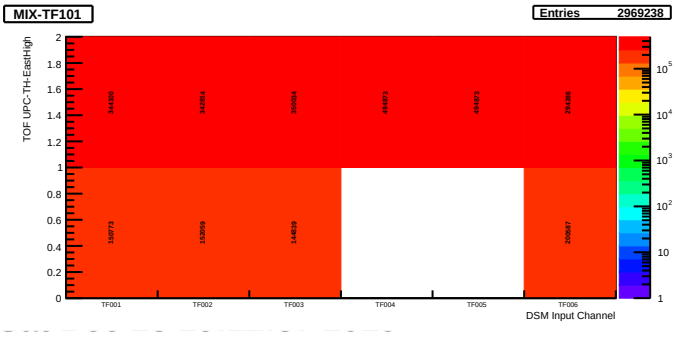

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

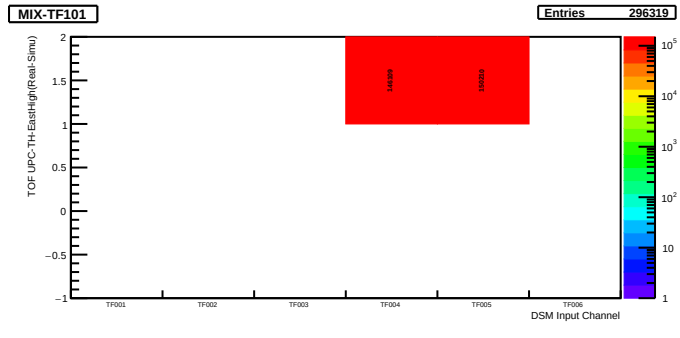

MIX-TF101
Entries 2969238
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

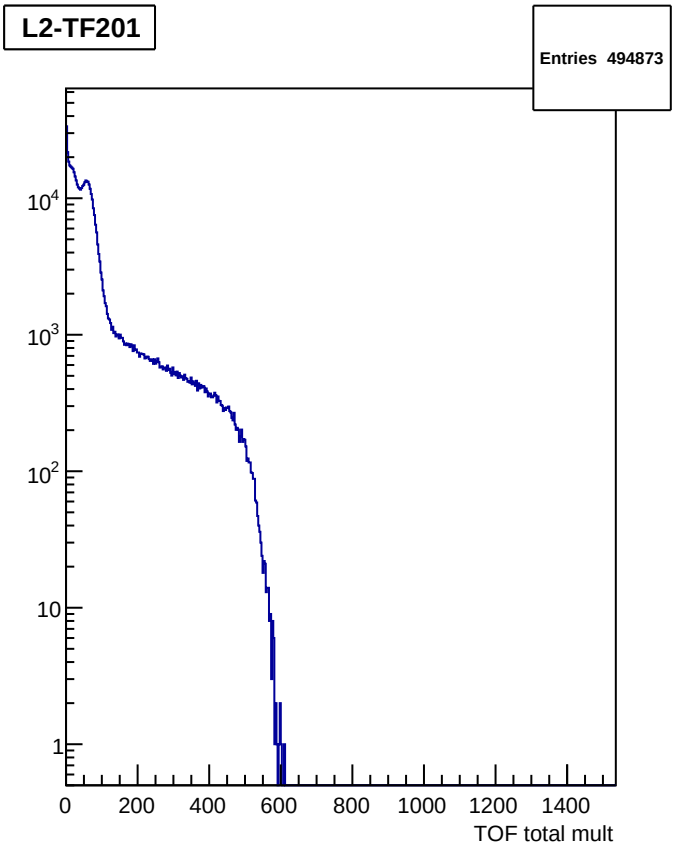

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

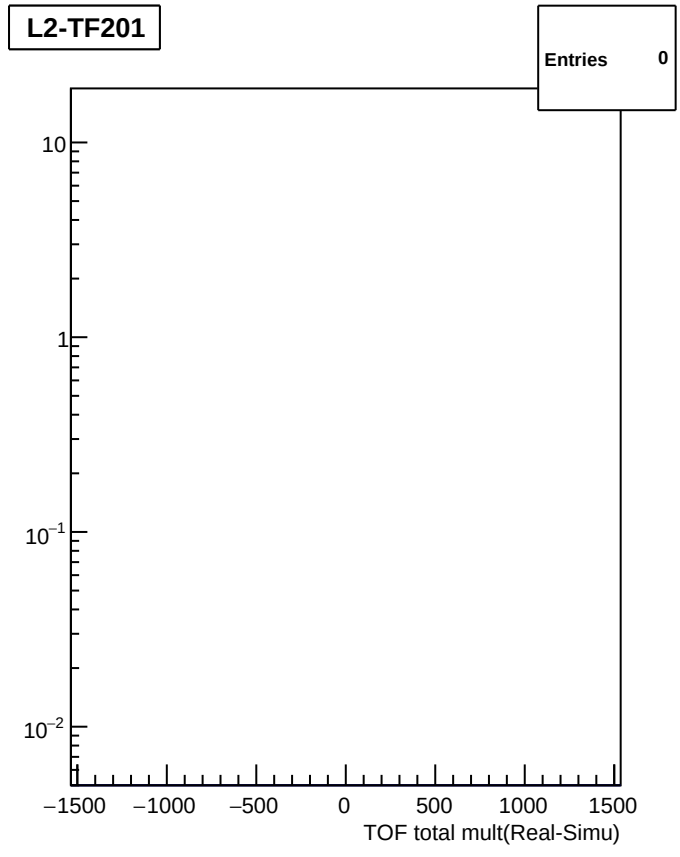

MIX-TF101
Entries 2969238
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

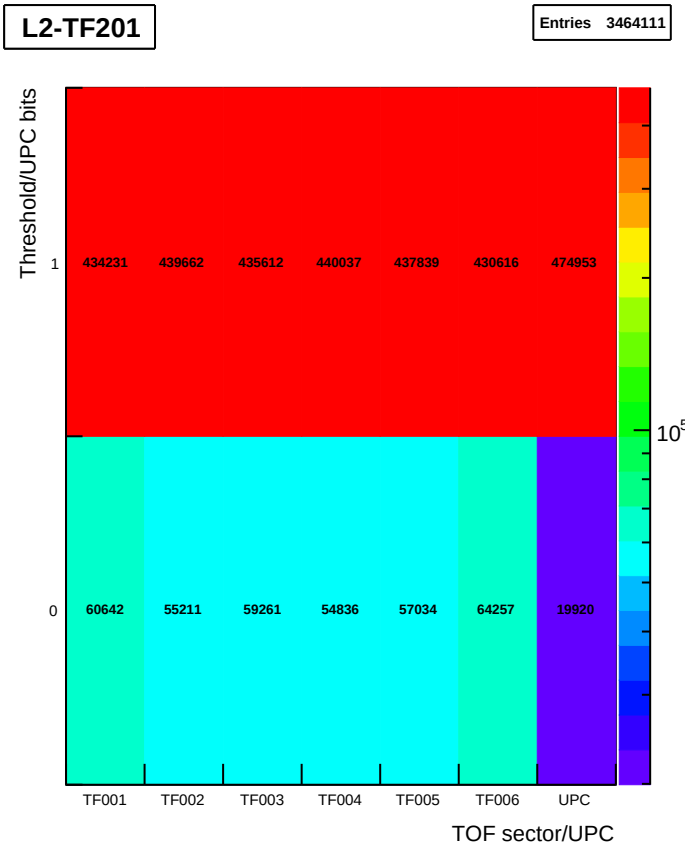

MIX-TF101
Entries 145160
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

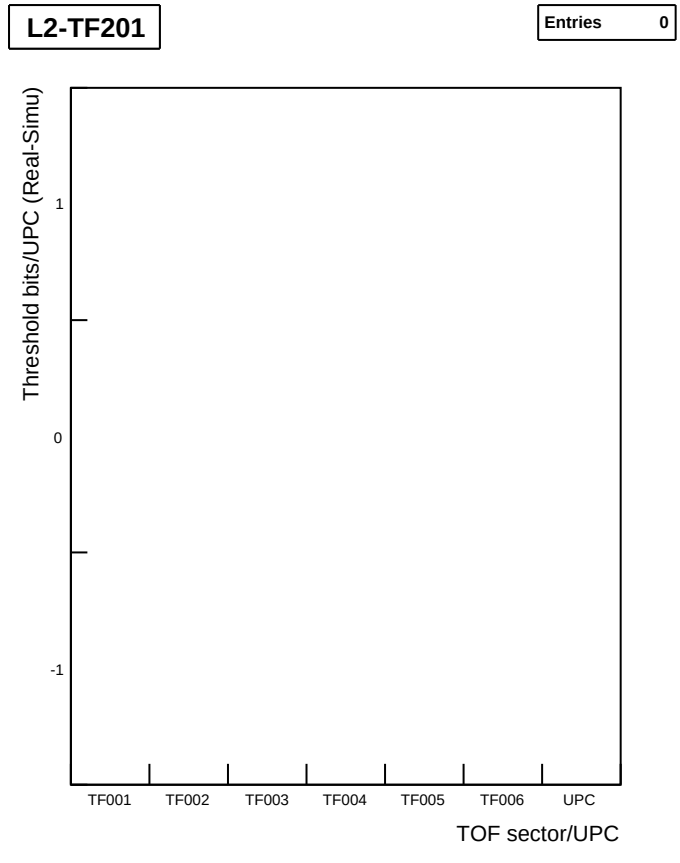

MIX-TF101
Entries 2969238
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

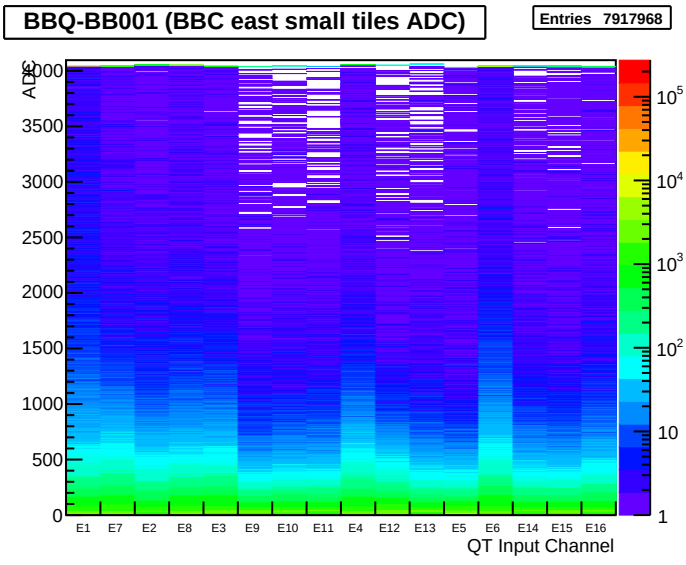

MIX-TF101
Entries 296319
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

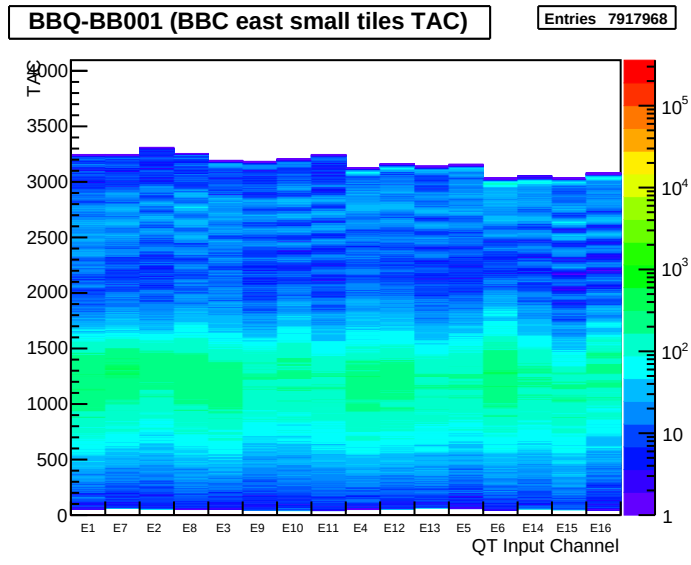

L2-TF201
Entries 494873
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

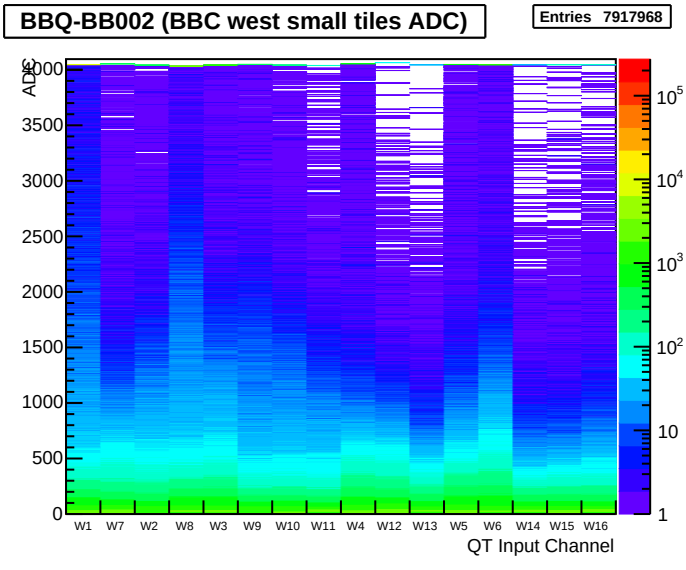

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

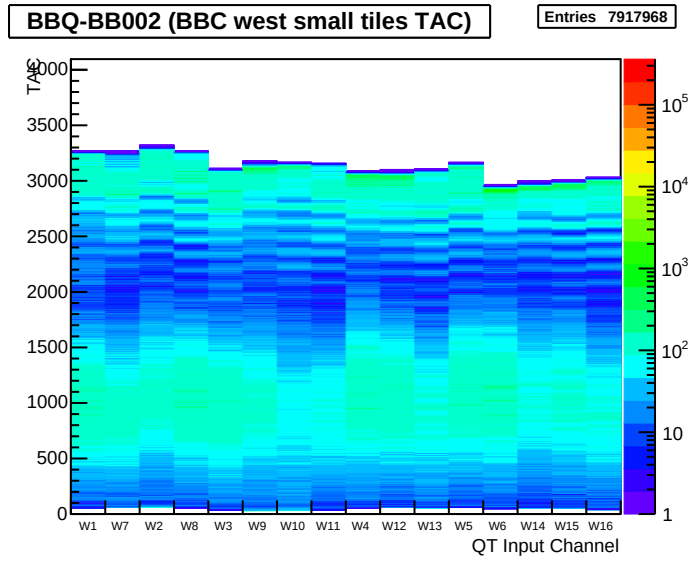

L2-TF201
Entries 3464111
Threshold/UPC bits
1
0
434231
439662
435612
440037
437839
430616
474953
60642
55211
59261
54836
57034
64257
19920
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

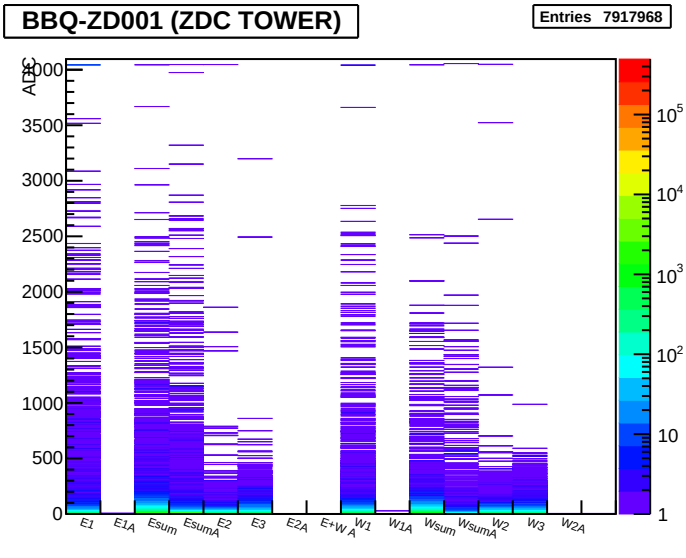

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

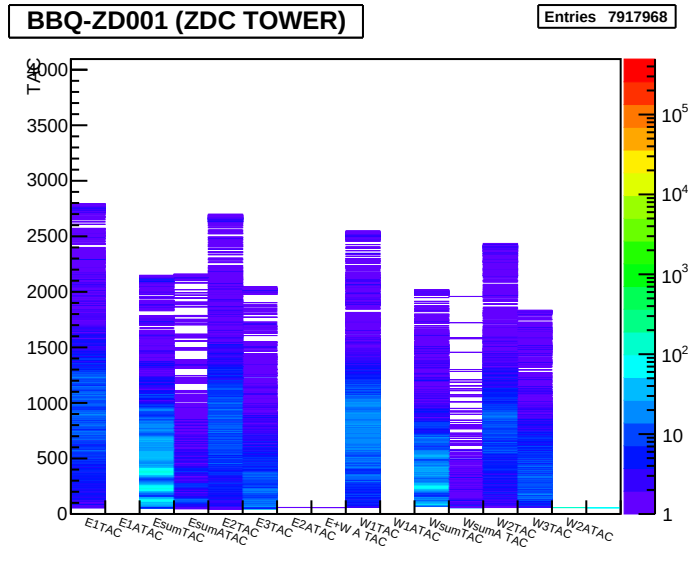

BBQ-BB001 (BBC east small tiles ADC)
Entries 7917968
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

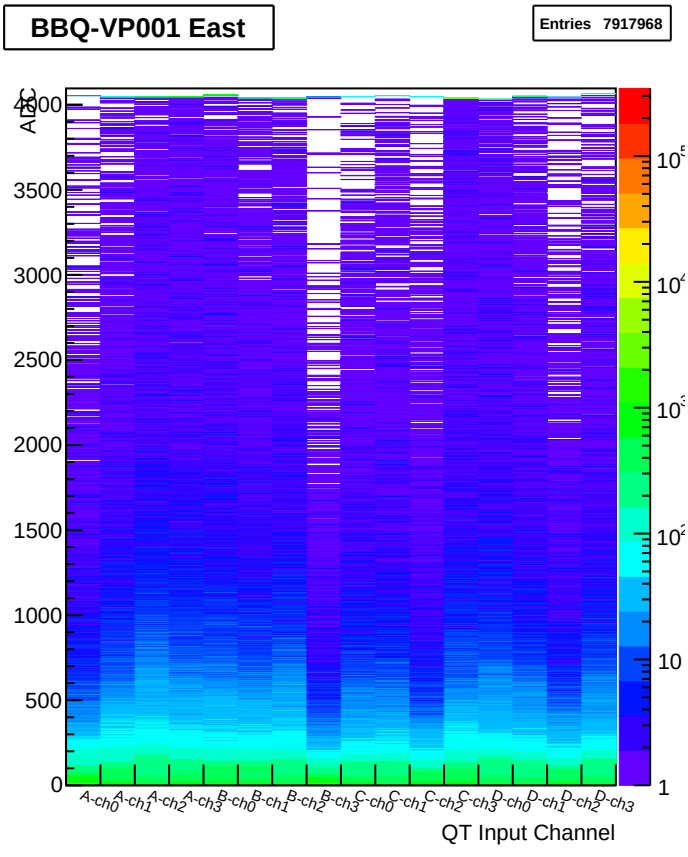

BBQ-BB001 (BBC east small tiles TAC)
Entries 7917968
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

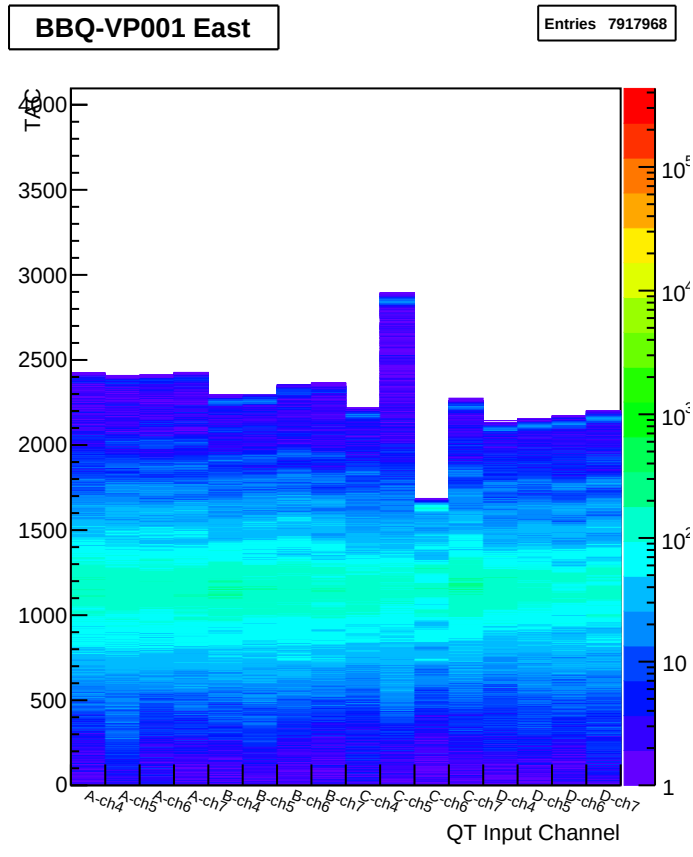

BBQ-BB002 (BBC west small tiles ADC)
Entries 7917968
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

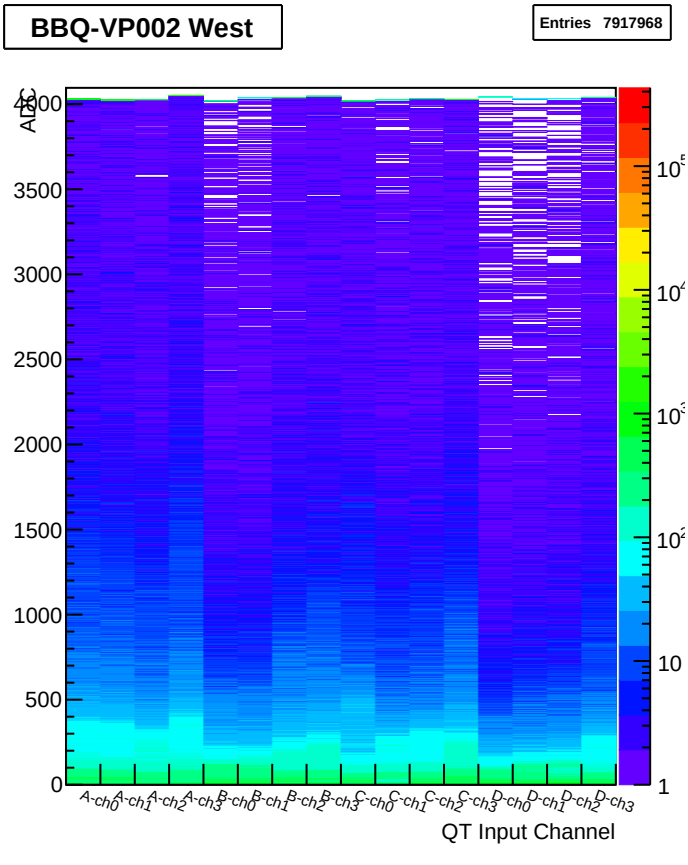

BBQ-BB002 (BBC west small tiles TAC)
Entries 7917968
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

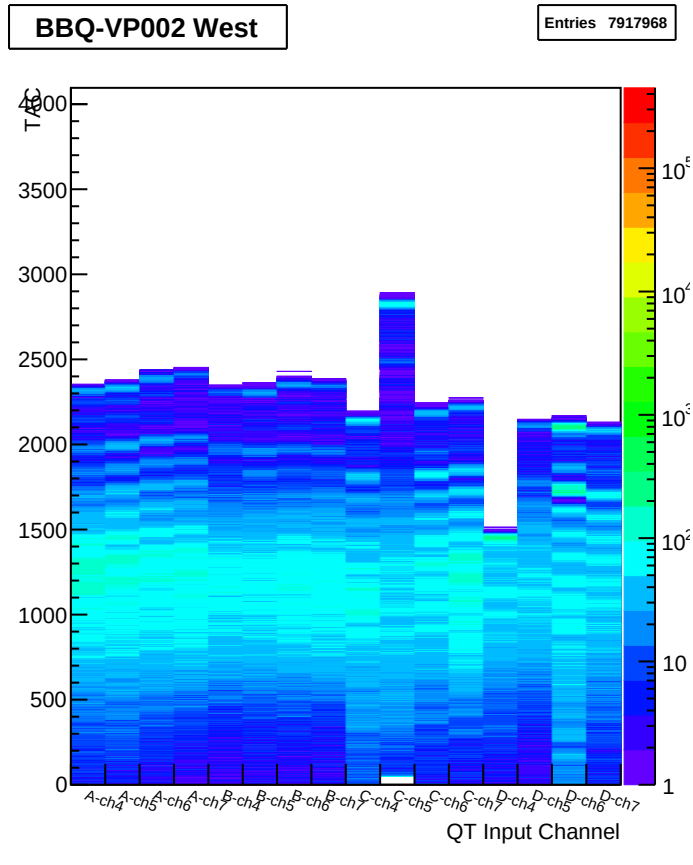

BBQ-ZD001 (ZDC TOWER)
Entries 7917968
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

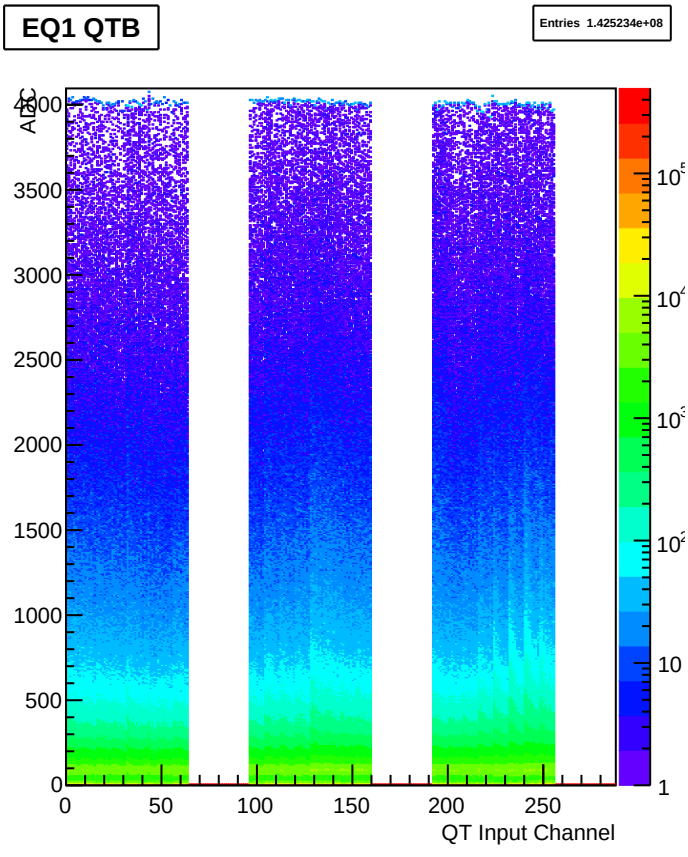

BBQ-ZD001 (ZDC TOWER)
Entries 7917968
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

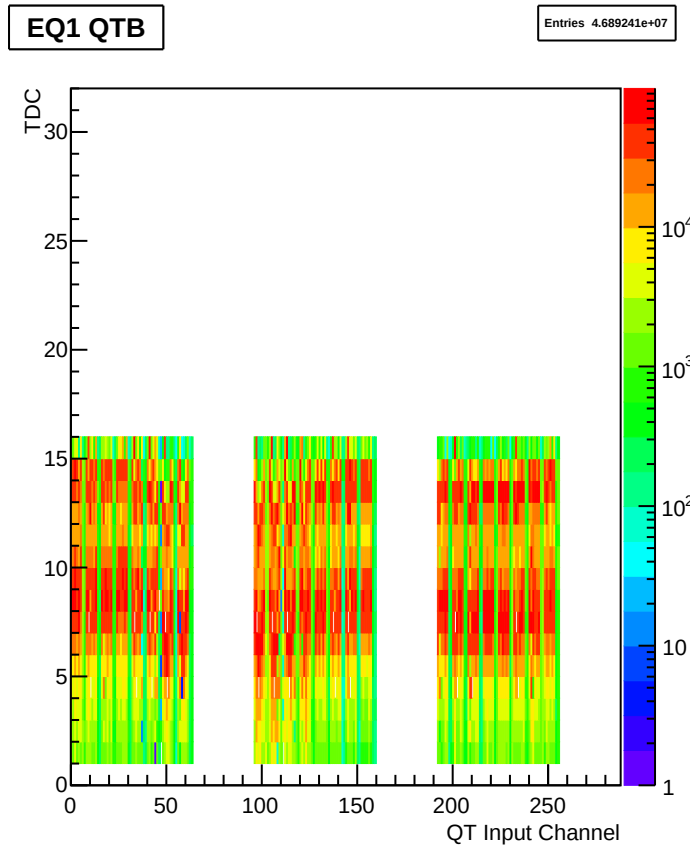

BBQ-VP001 East
Entries 7917968
ADC
QT Input Channel

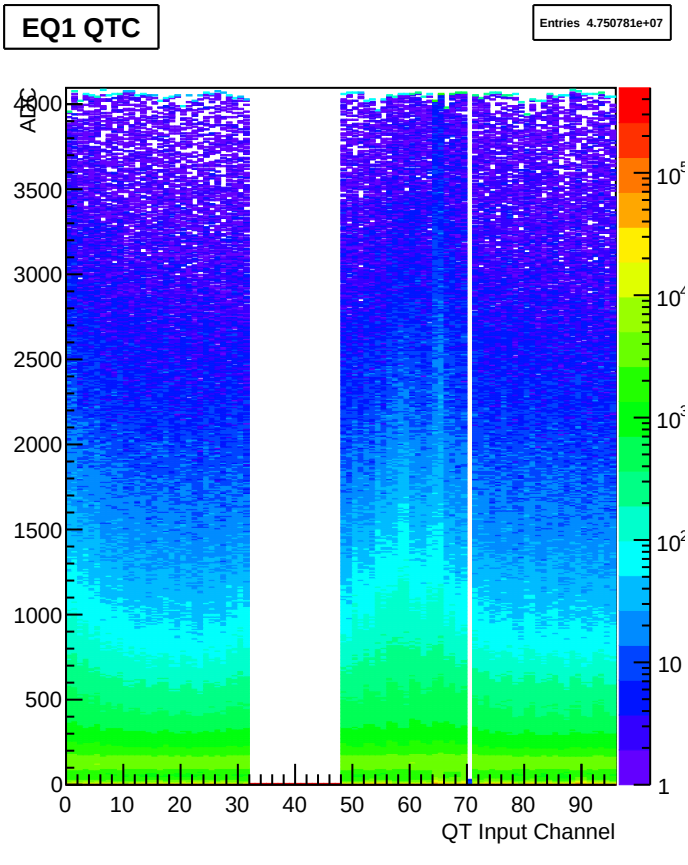

BBQ-VP001 East
Entries 7917968
ADC
QT Input Channel

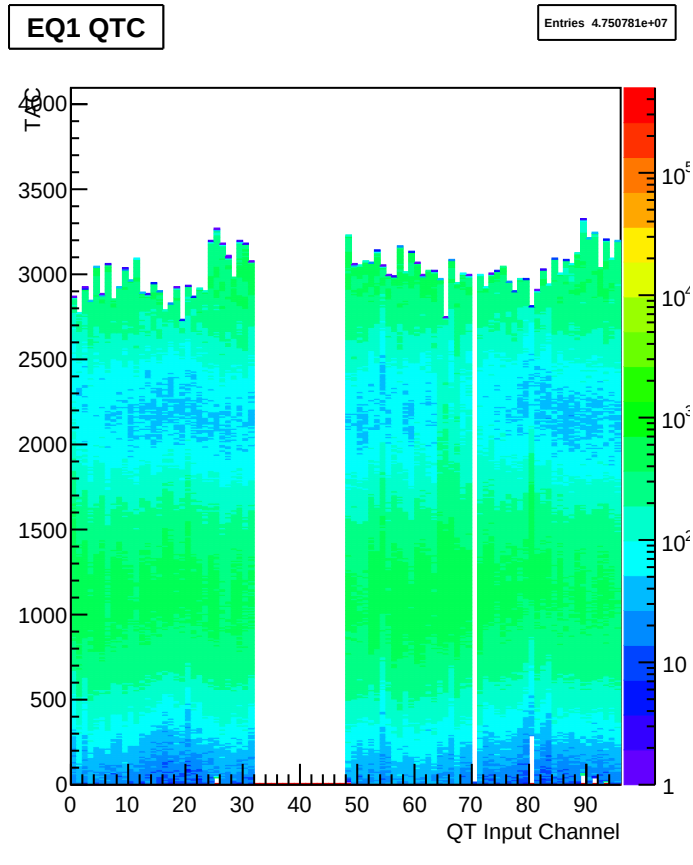

BBQ-VP002 West
Entries 7917968
ADC
QT Input Channel

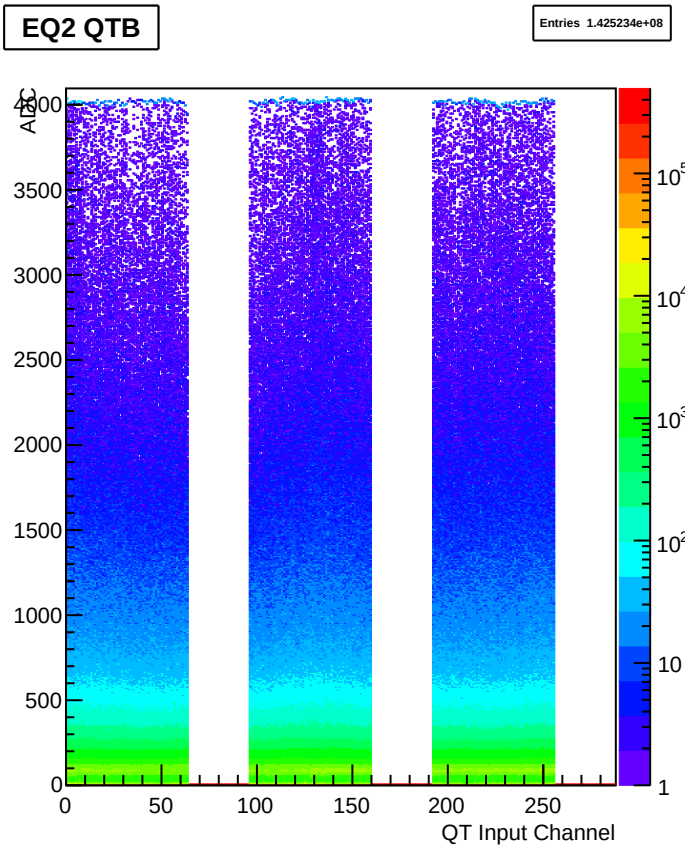

BBQ-VP002 West
Entries 7917968
ADC
QT Input Channel

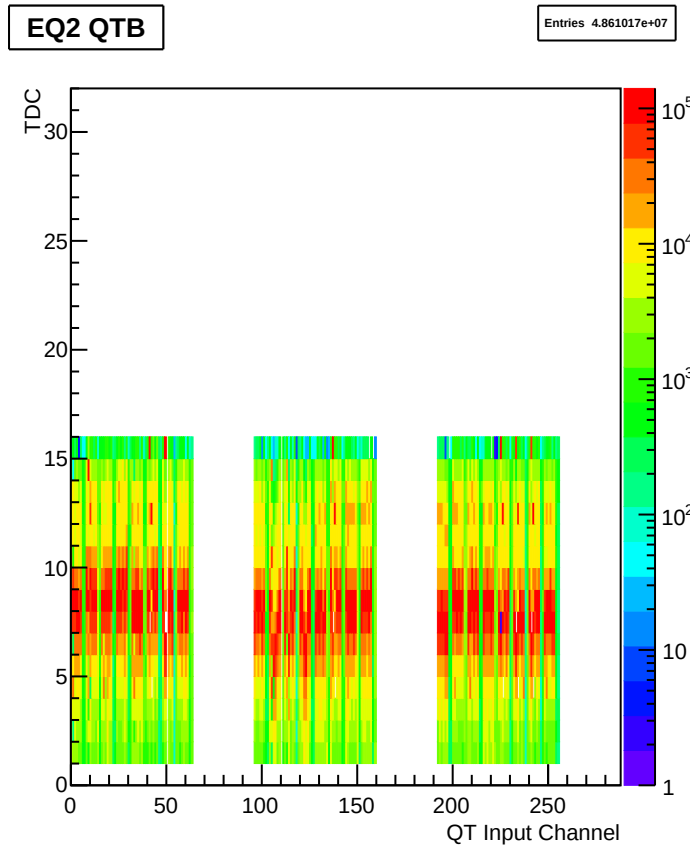

EQ1 QTB
Entries 1.425234e+08
ADC
QT Input Channel

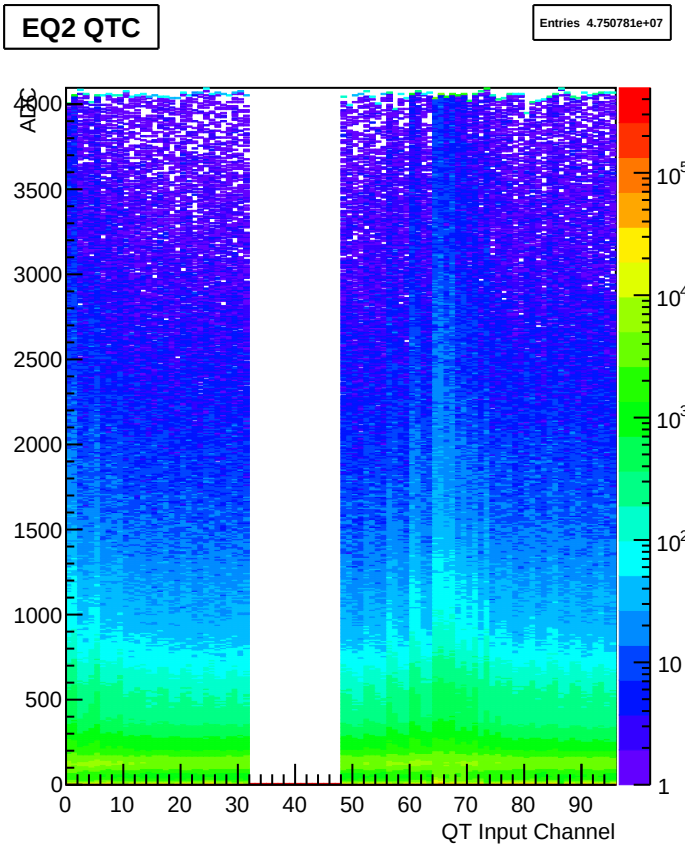

EQ1 QTB
Entries 4.689241e+07
TDC
QT Input Channel

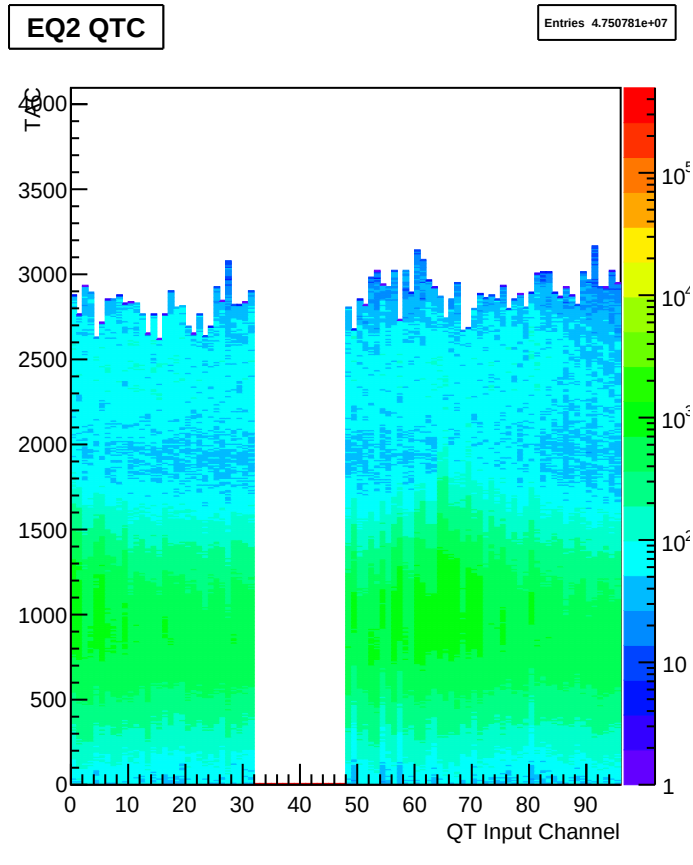

EQ1 QTC
Entries 4.750781e+07
ADC
QT Input Channel

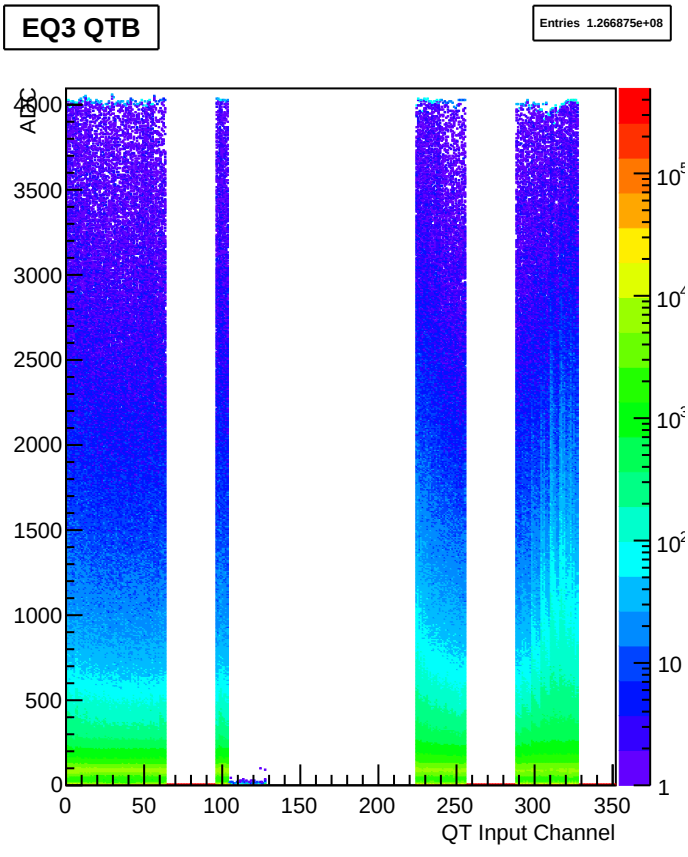

EQ1 QTC
Entries 4.750781e+07
TADC
QT Input Channel

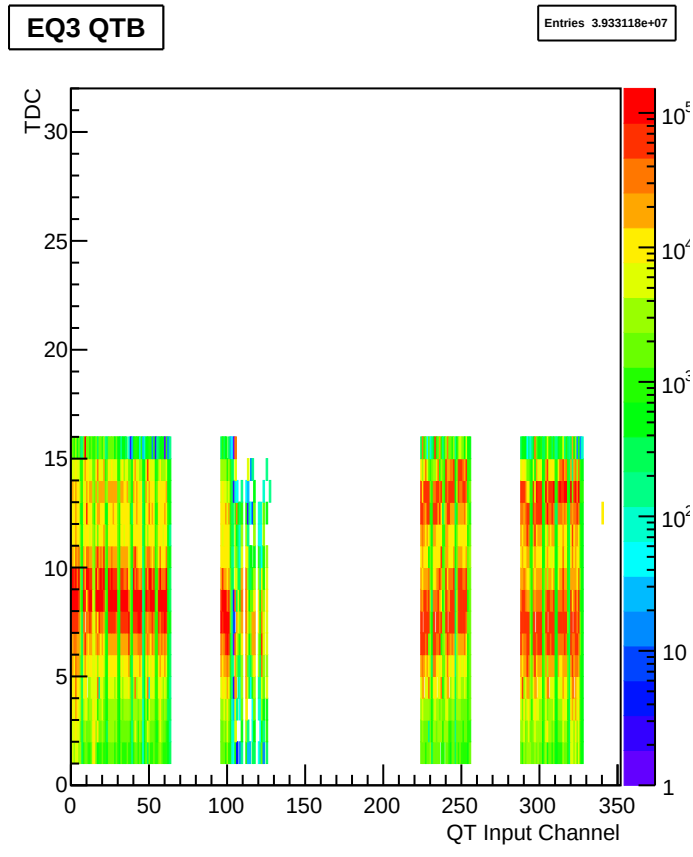

EQ2 QTB
Entries 1.425234e+08
ADC
QT Input Channel

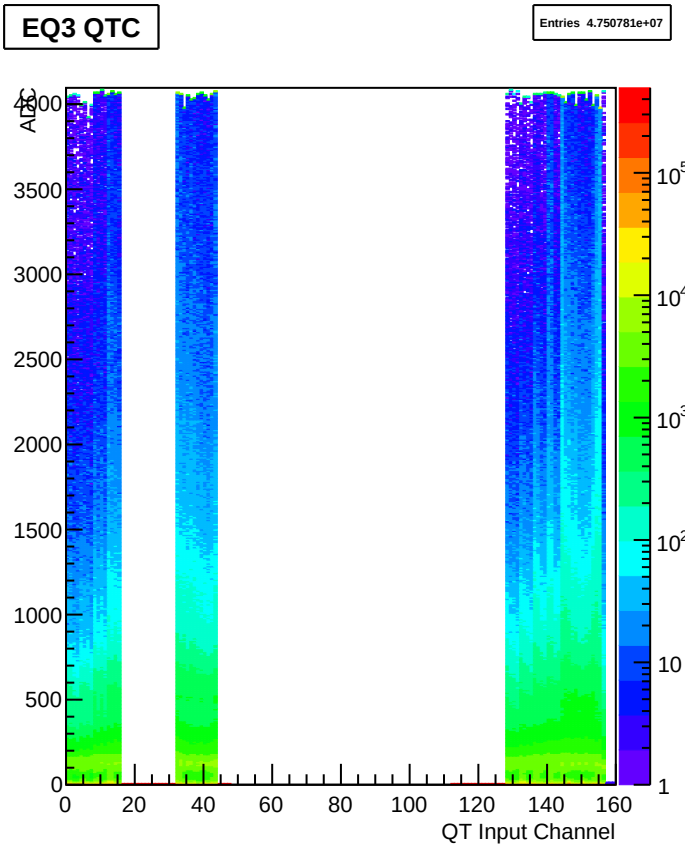

EQ2 QTB
Entries 4.861017e+07
TDC
QT Input Channel

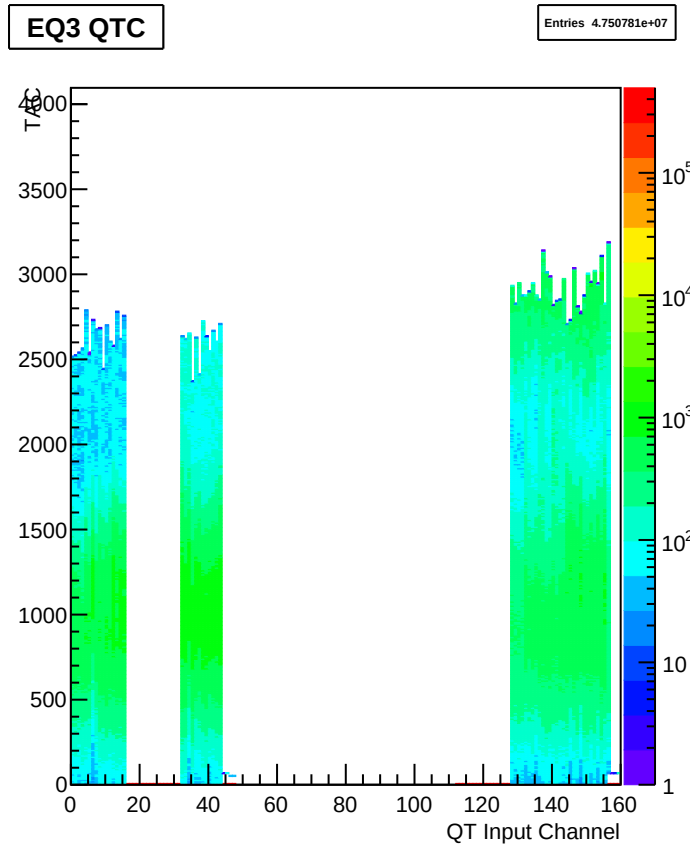

EQ2 QTC
Entries 4.750781e+07
ADC
QT Input Channel

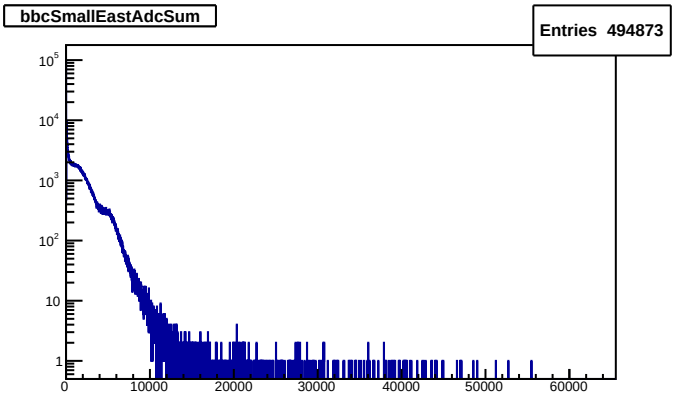

EQ2 QTC
Entries 4.750781e+07
TADC
QT Input Channel

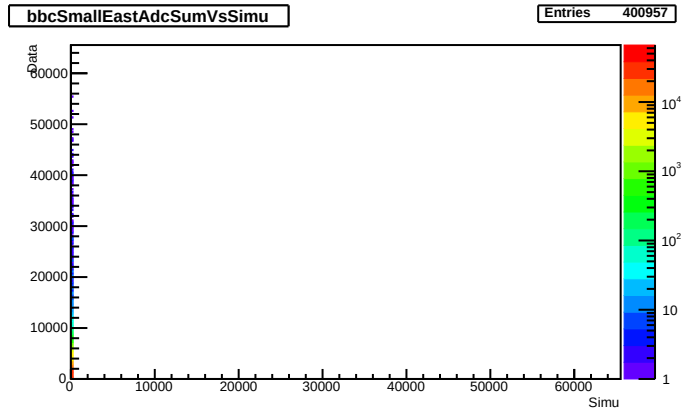

EQ3 QTB
Entries 1.266875e+08
ADC
QT Input Channel

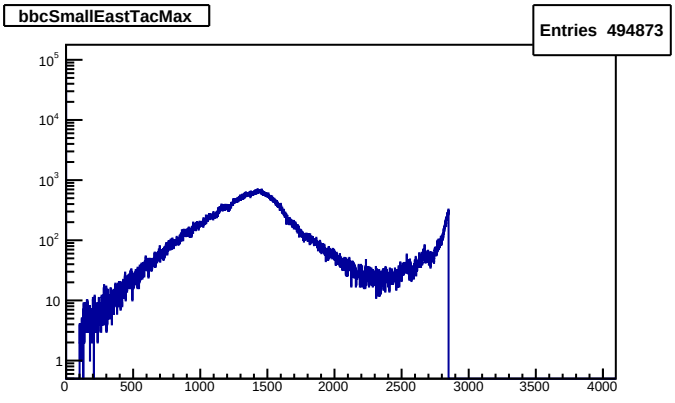

EQ3 QTB
Entries 3.933118e+07
TDC
QT Input Channel

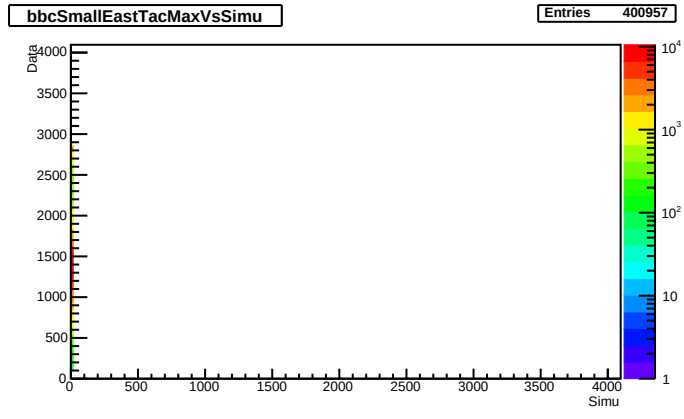

EQ3 QTC
Entries 4.750781e+07
ADC
QT Input Channel

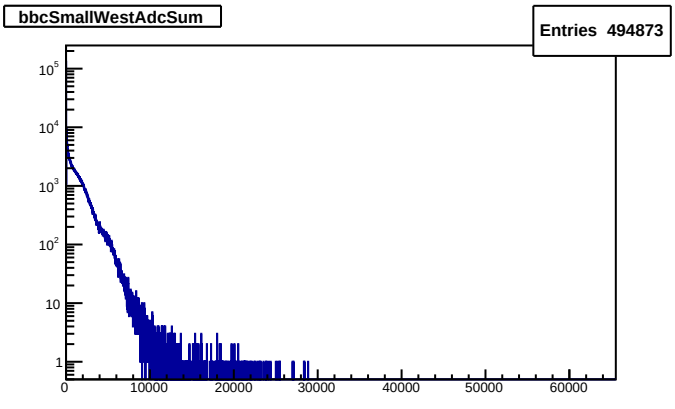

EQ3 QTC
Entries 4.750781e+07
TADC
QT Input Channel

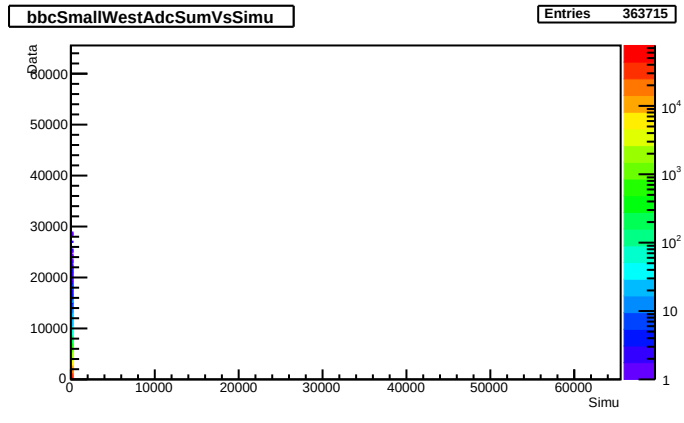

bbcSmallEastAdcSum
Entries 494873


bbcSmallEastAdcSumVsSimu
Entries 400957
Data
Simu


bbcSmallEastTacMax
Entries 494873


bbcSmallEastTacMaxVsSimu
Entries 400957
Data
Simu


bbcSmallWestAdcSum
Entries 494873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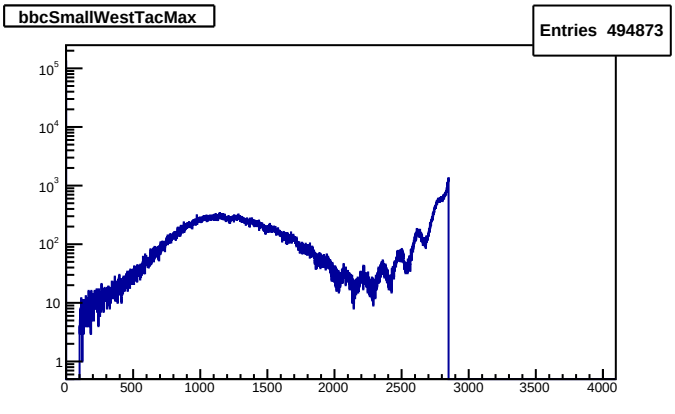
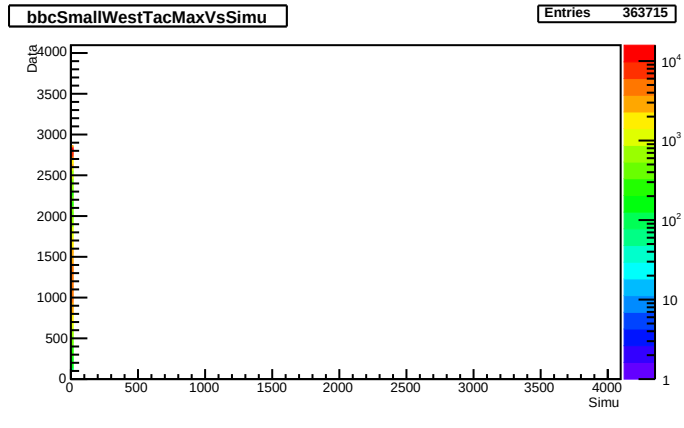
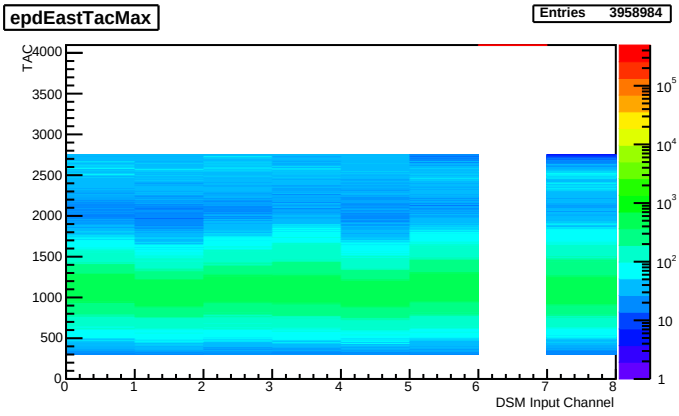
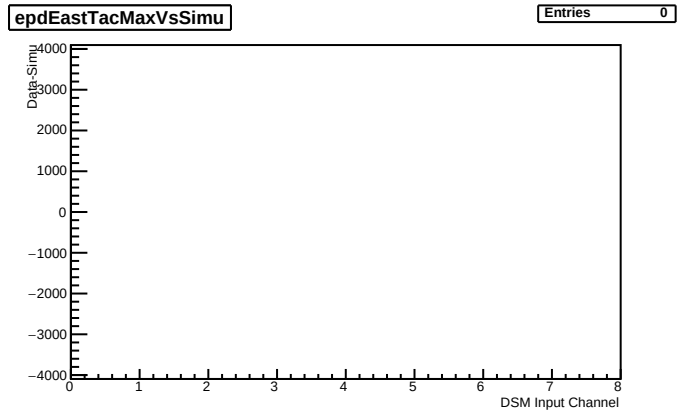
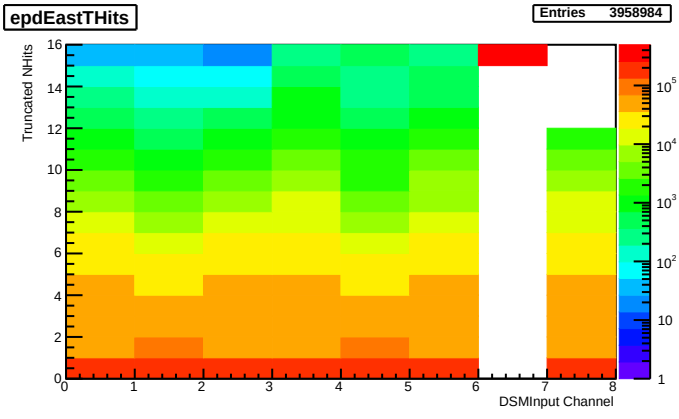
Entries 363715
Data
Simu

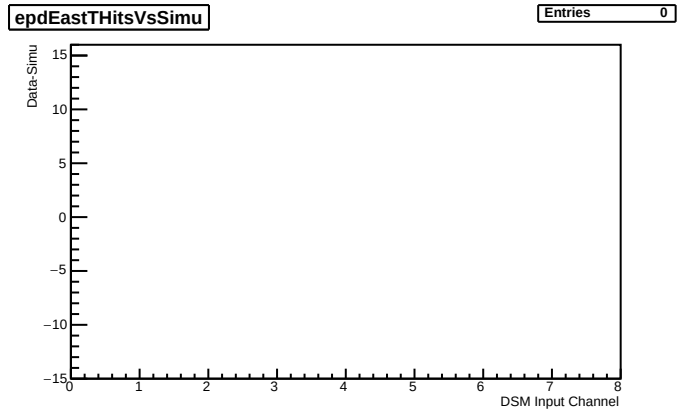

bbcSmallWestTacMax
Entries 494873


bbcSmallWestTacMaxVsSimu
Entries 363715
Data
Simu


epdEastTacMax
Entries 3958984
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3958984
Truncated NHits
DSMInput Channel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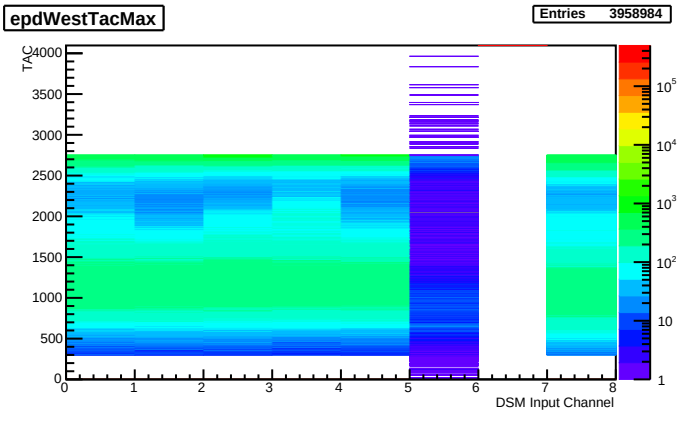
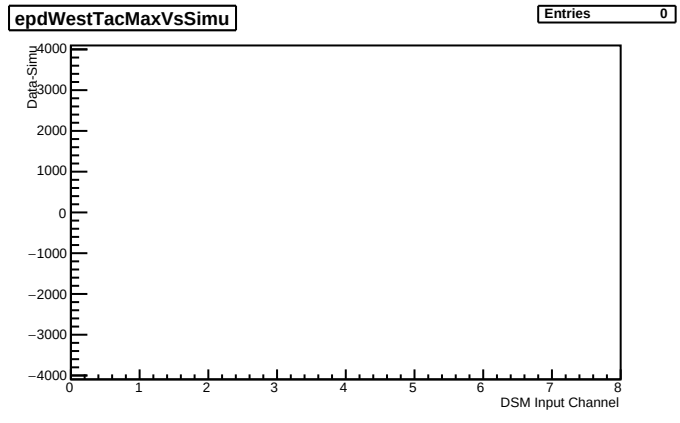
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3958984
TAC
DSM Input Channel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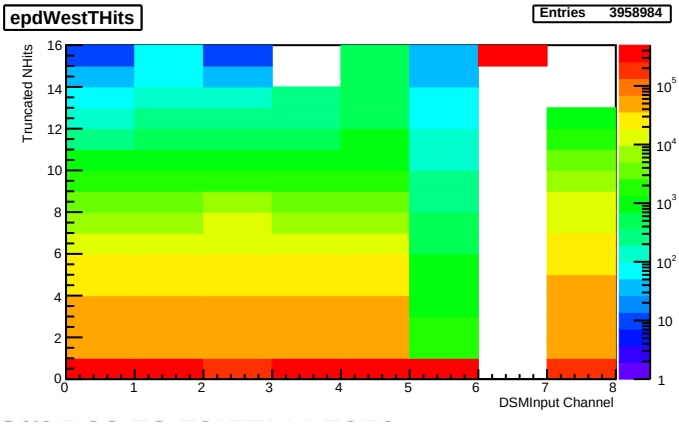
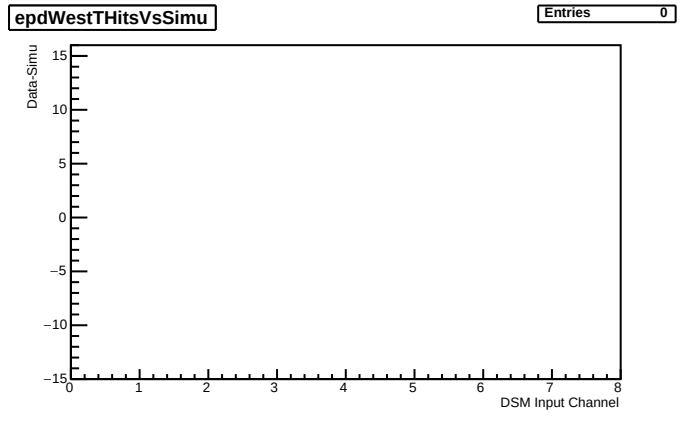
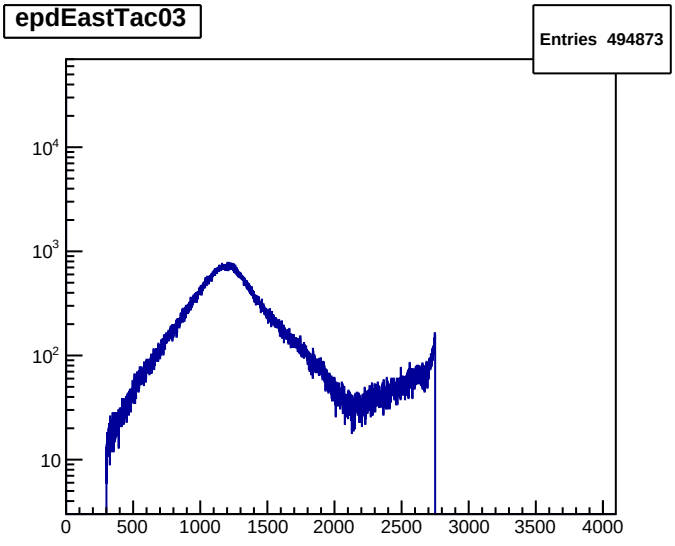
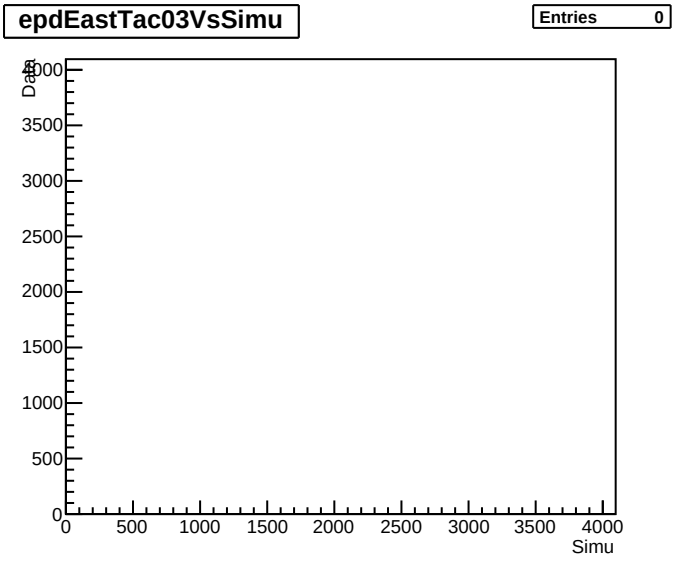
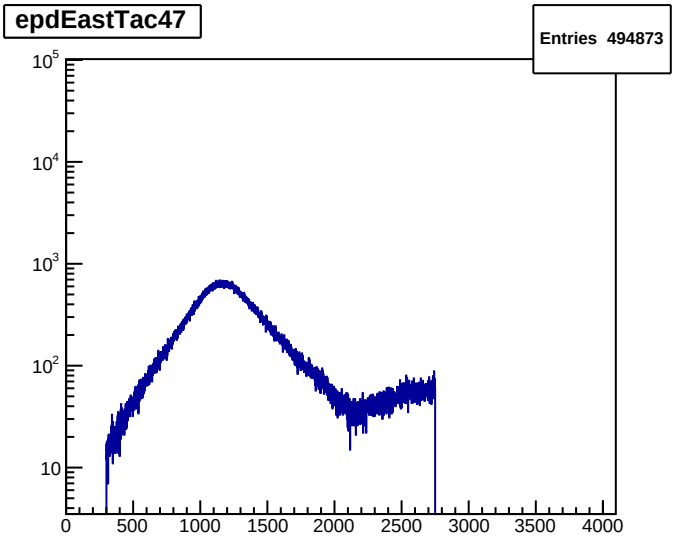
Entries 0
Data-Simu
DSM Input Channel

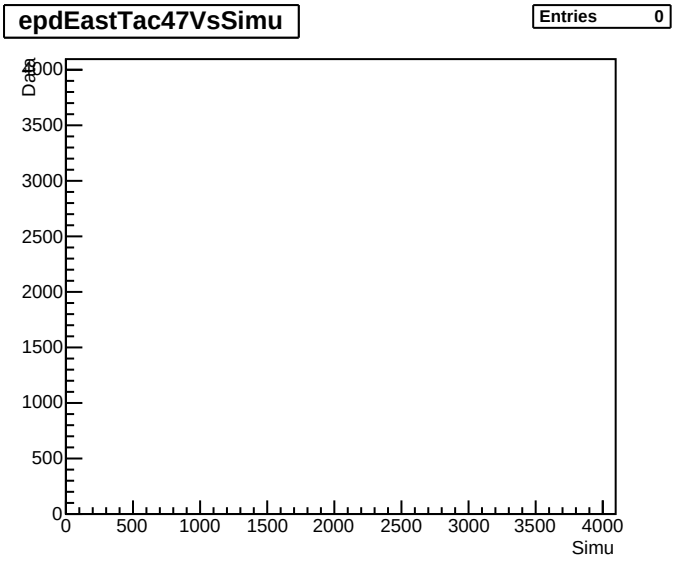

epdWestTHits
Entries 3958984
Truncated NHits
DSMInput Channel

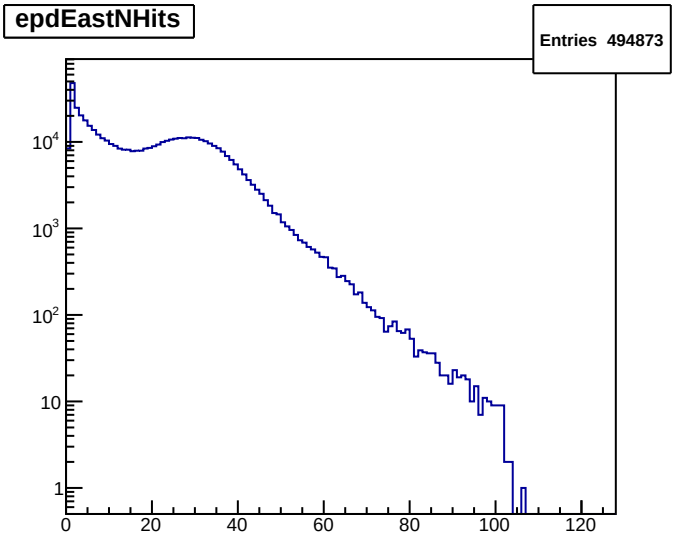

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

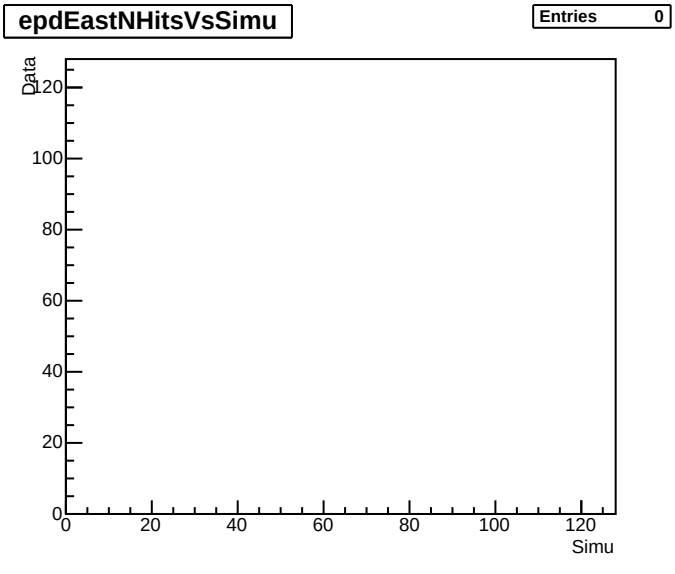

epdEastTac03
Entries 494873


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 494873


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 494873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Entries 0
Data
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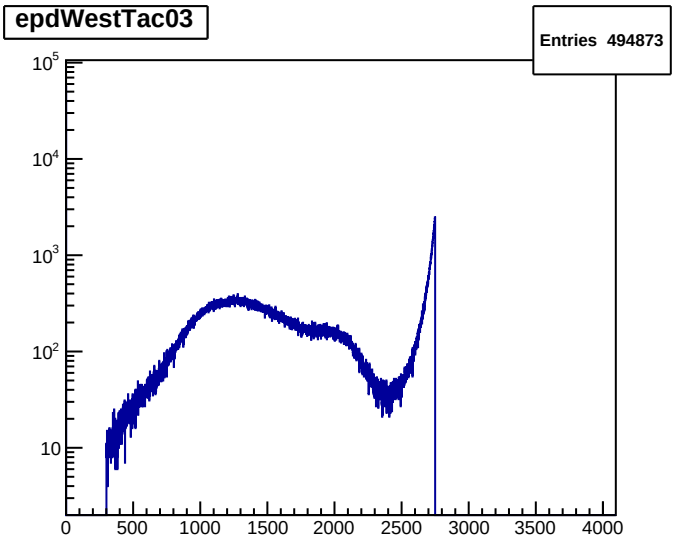
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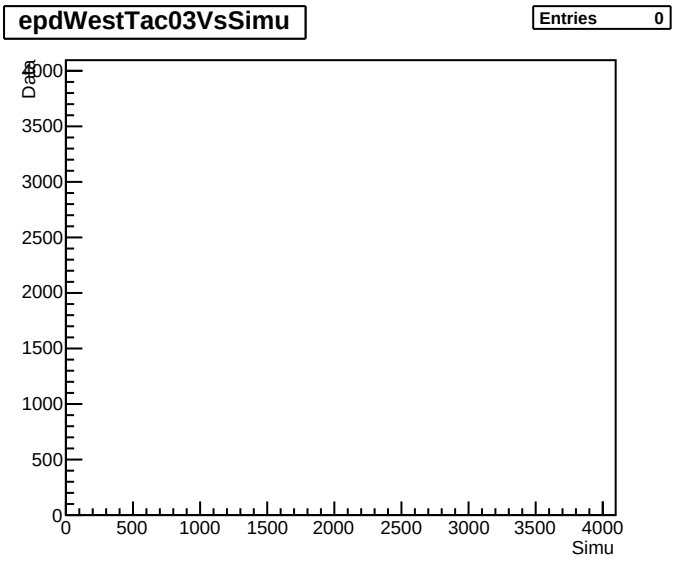
Entries 494873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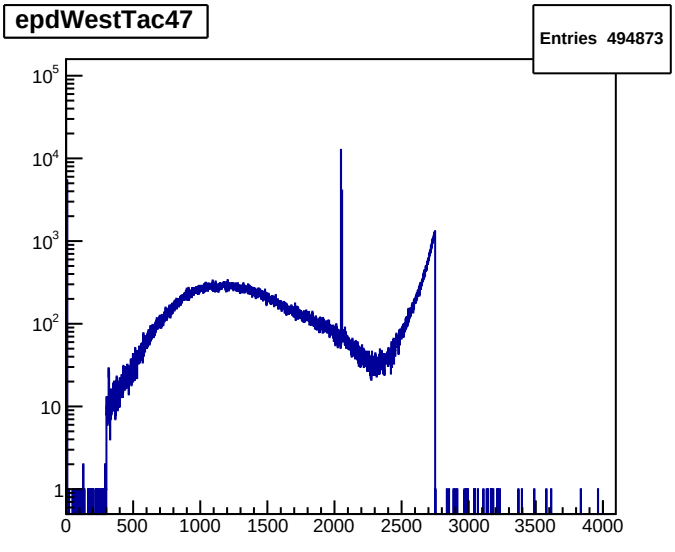
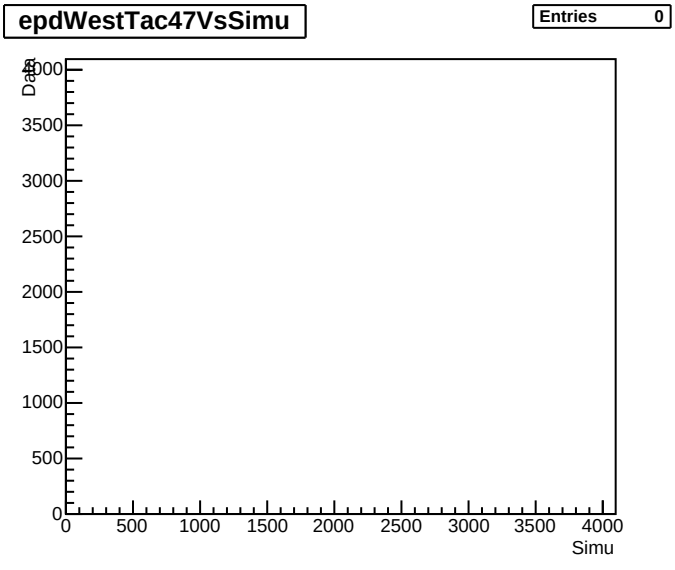
Entries 0
Data
Simu


epdWestTac47
Entries 494873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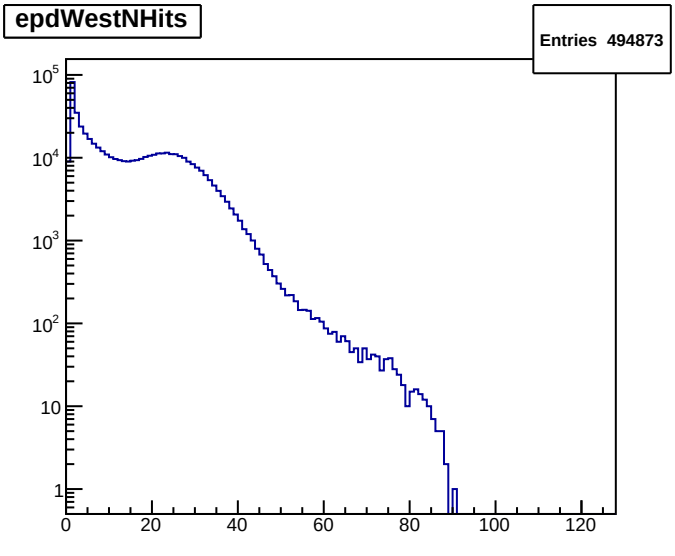
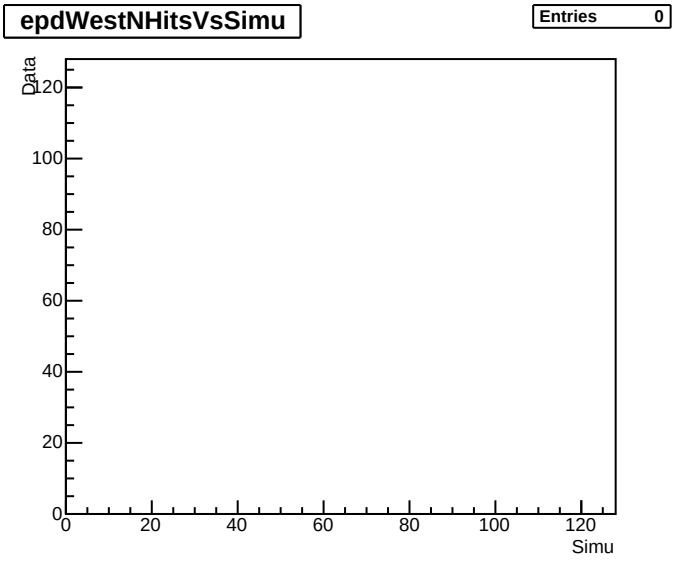
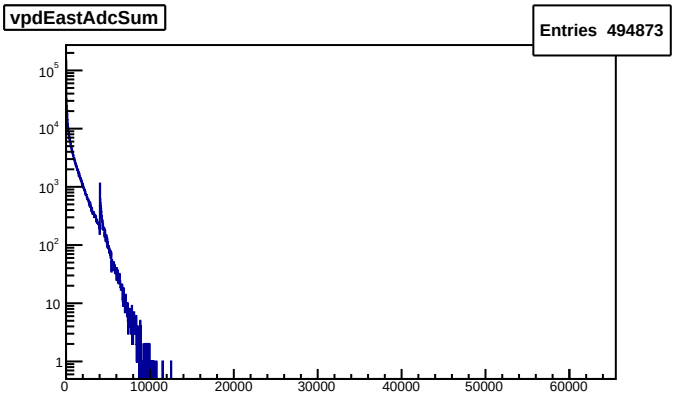
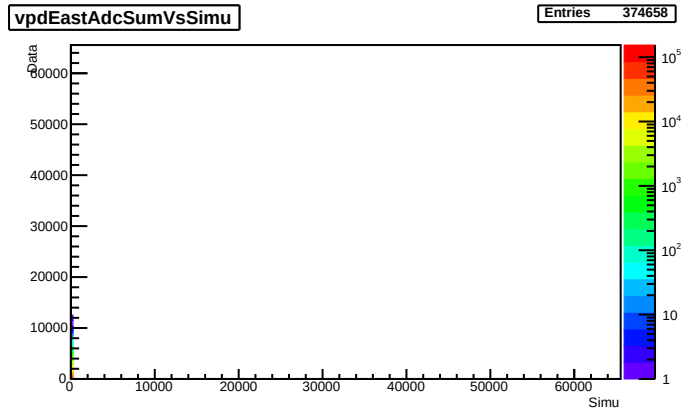
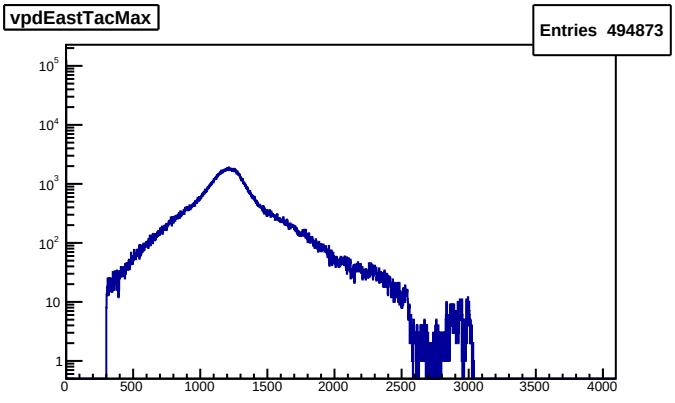
Entries 0
Data
Simu

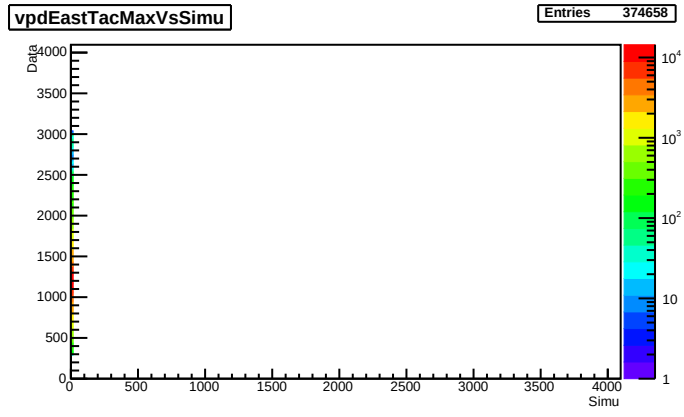

epdWestNHits
Entries 494873

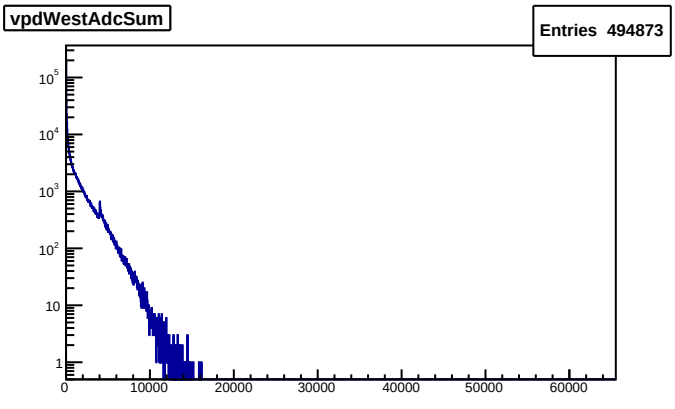

epdWestNHitsVsSimu
Entries 0
Data
Simu

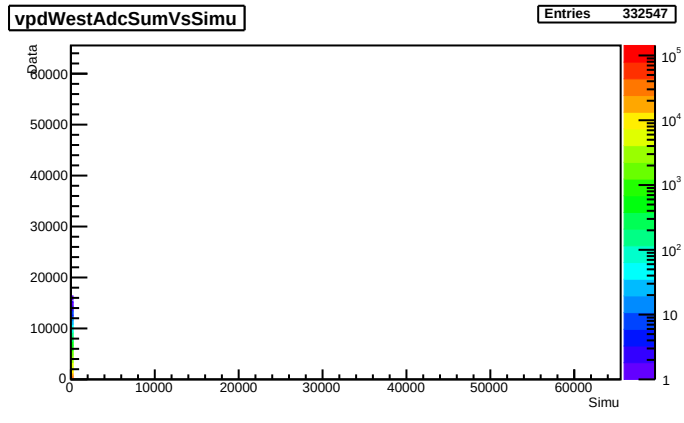

vpdEastAdcSum
Entries 494873

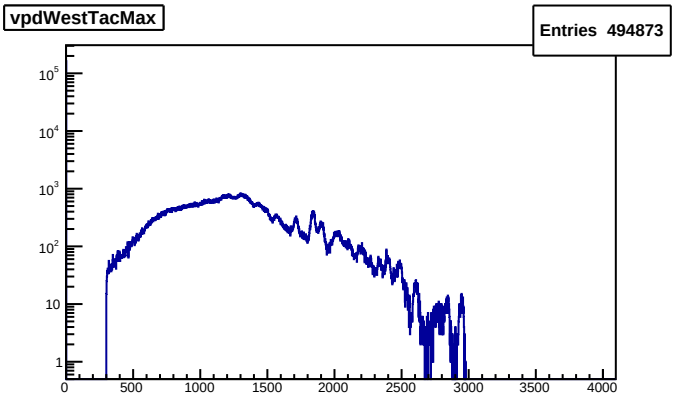

vpdEastAdcSumVsSimu
Entries 374658
Data
Simu

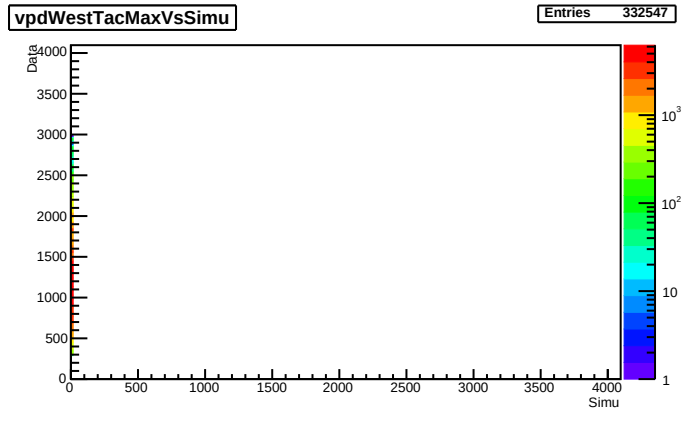

vpdEastTacMax
Entries 494873

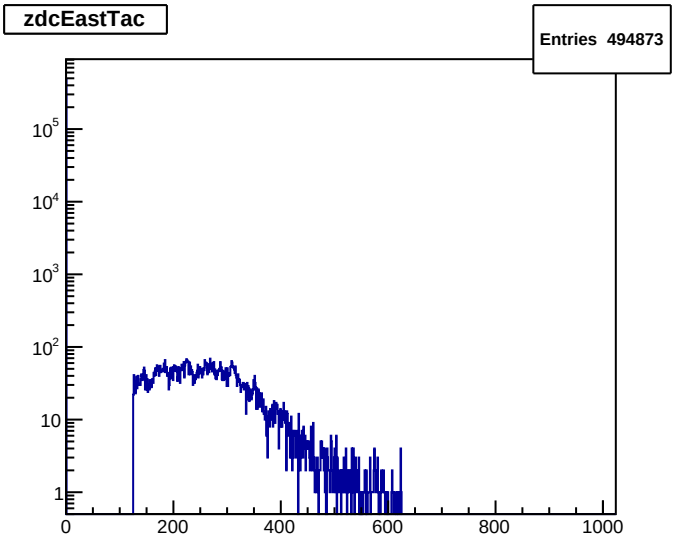

vpdEastTacMaxVsSimu
Entries 374658
Data
Simu

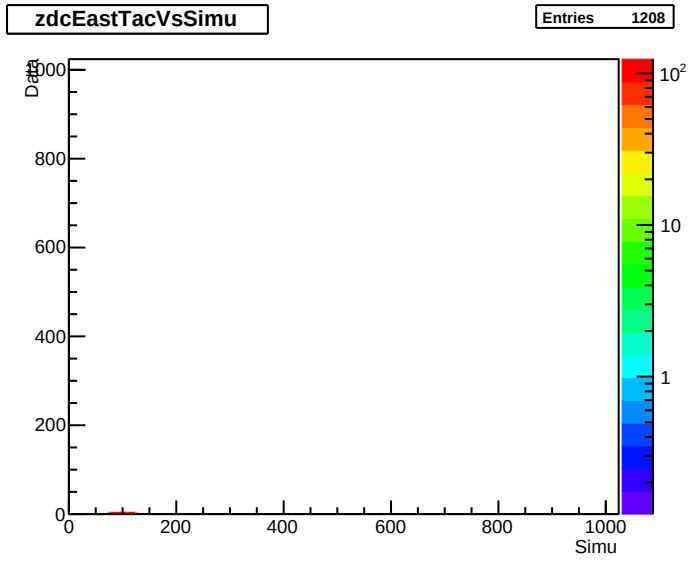

vpdWestAdcSum
Entries 494873

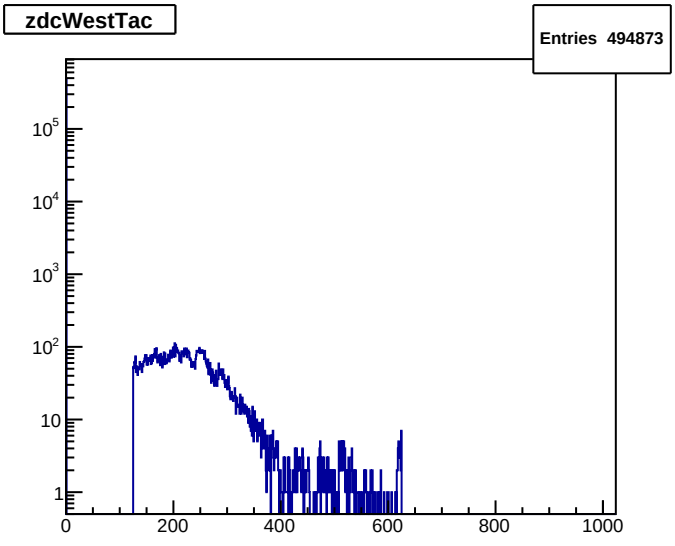

vpdWestAdcSumVsSimu
Entries 332547
Data
Simu

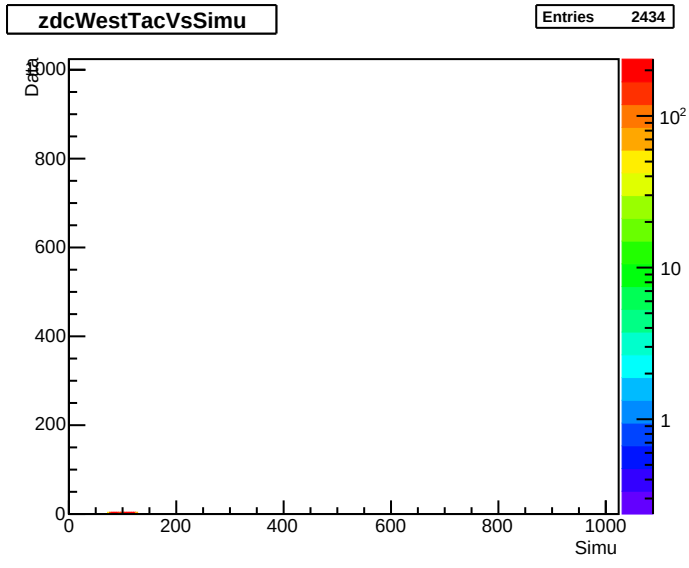

vpdWestTacMax
Entries 494873

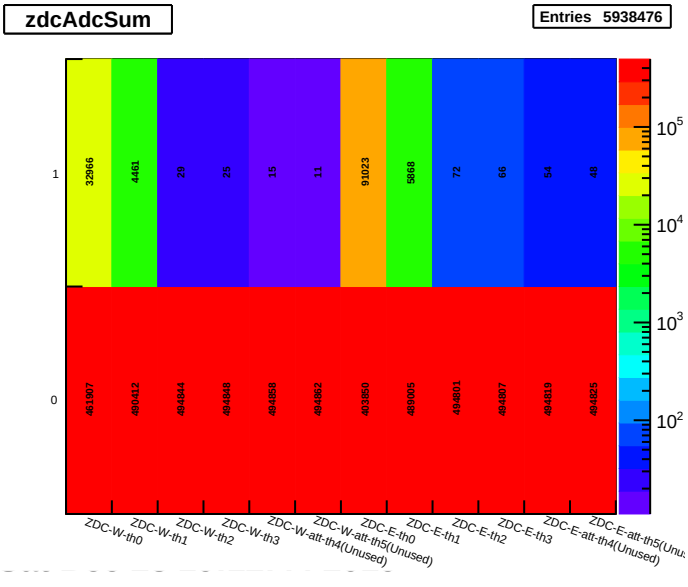

vpdWestTacMaxVsSimu
Entries 332547
Data
Simu

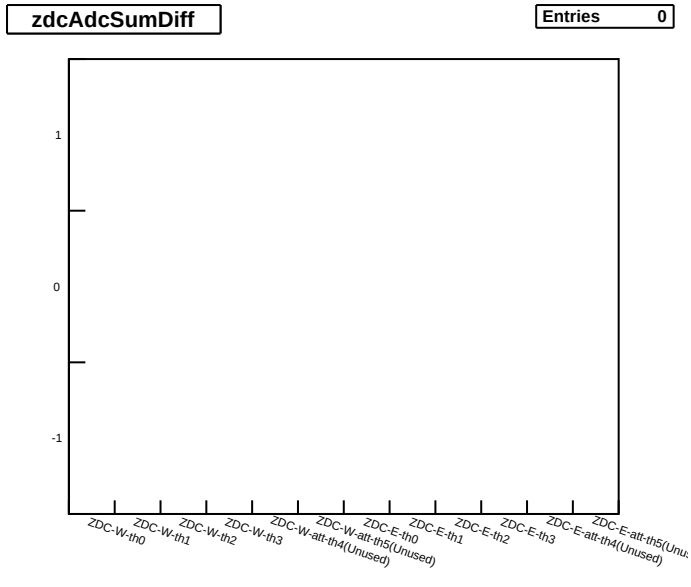

zdcEastTac
Entries 494873

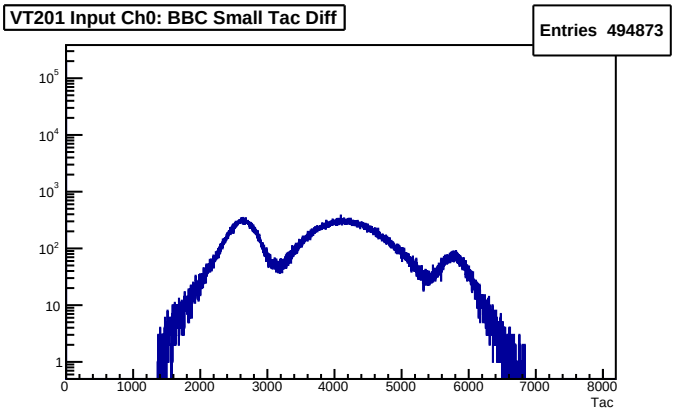

zdcEastTacVsSimu
Entries 1208
Data
Simu

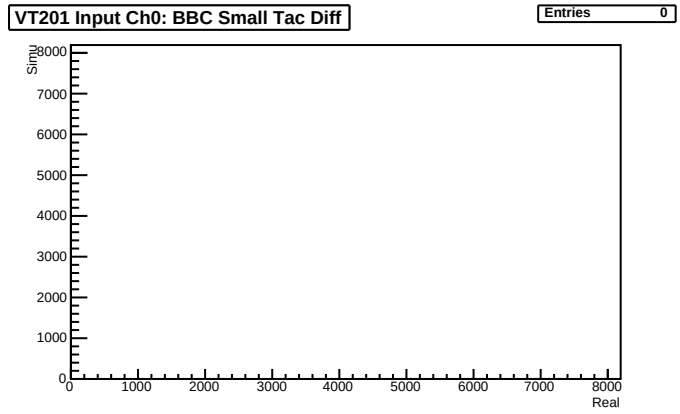

zdcWestTac
Entries 494873

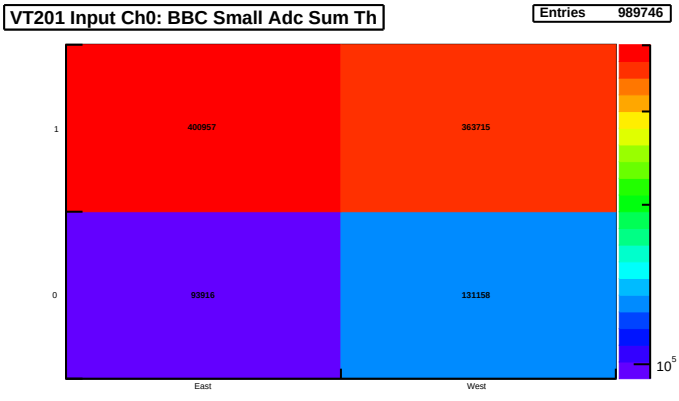

zdcWestTacVsSimu
Entries 2434
Data
Simu

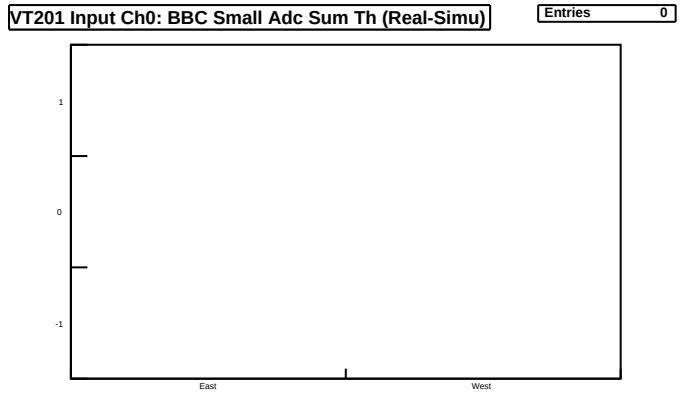

zdcAdcSum
Entries 5938476
32966
4461
29
25
15
11
91023
5868
72
66
54
48
461907
490412
494844
494848
494858
494862
403850
489005
494801
494807
494819
494825
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

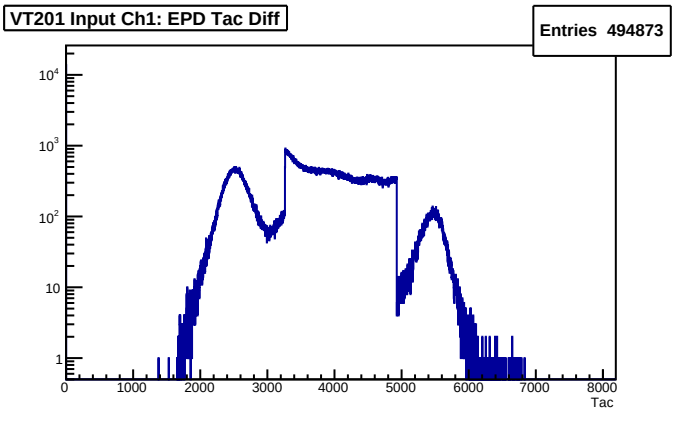

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

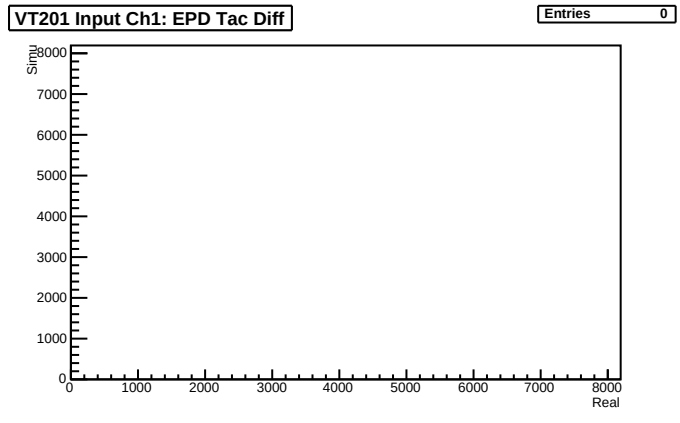

VT201 Input Ch0: BBC Small Tac Diff
Entries 494873
Tac

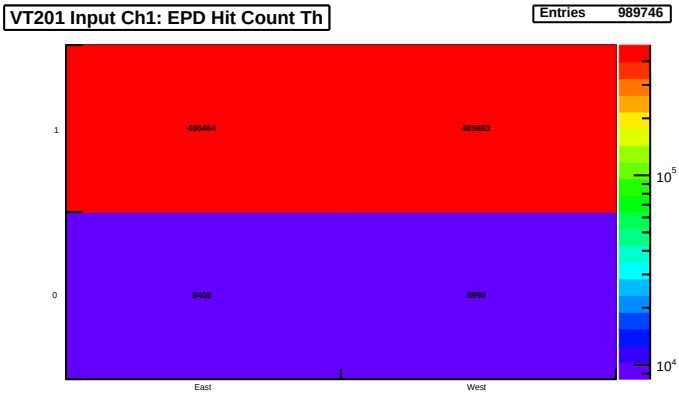

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

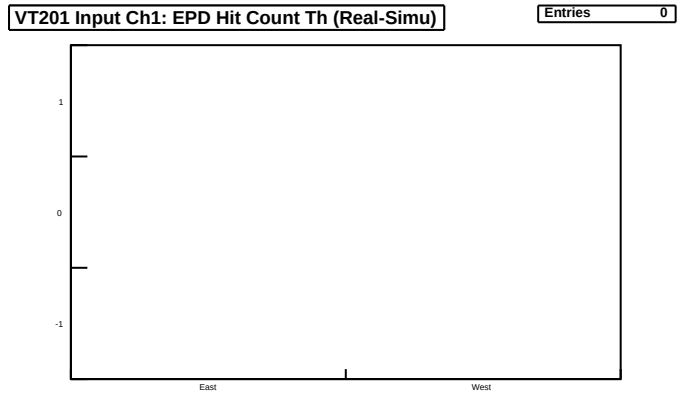

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 989746
400957
363715
93916
131158
East
West

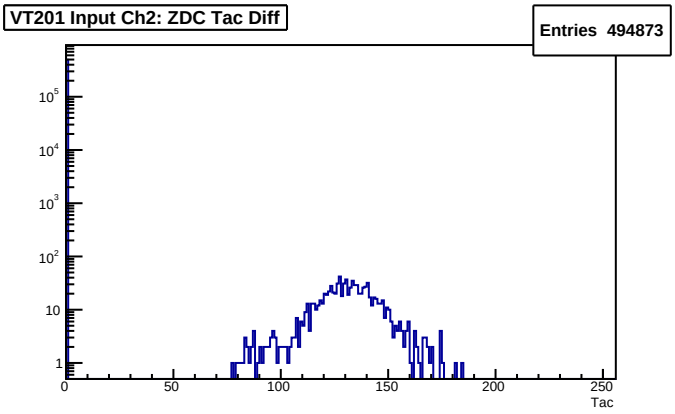

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

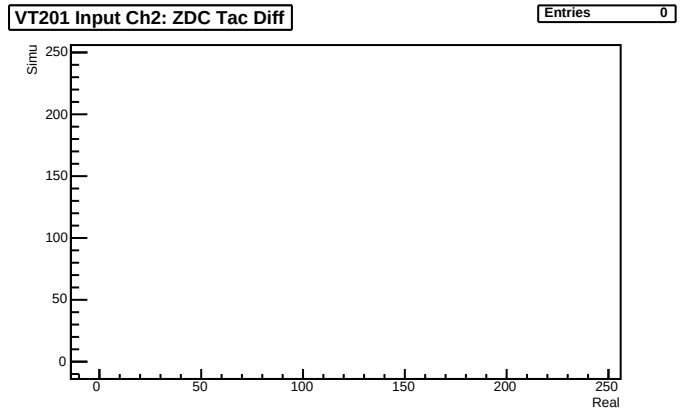

VT201 Input Ch1: EPD Tac Diff
Entries 494873
Tac

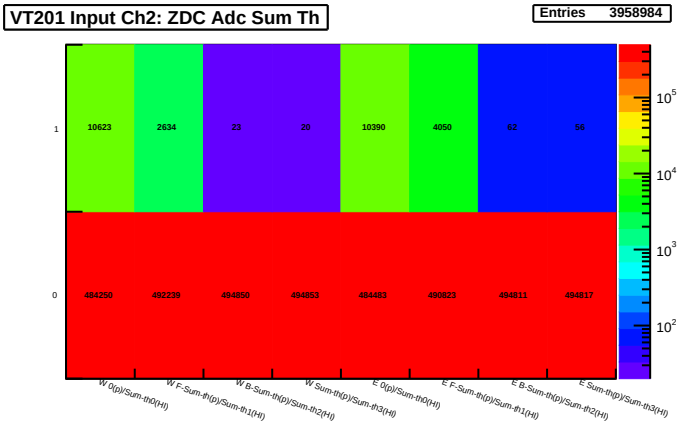

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

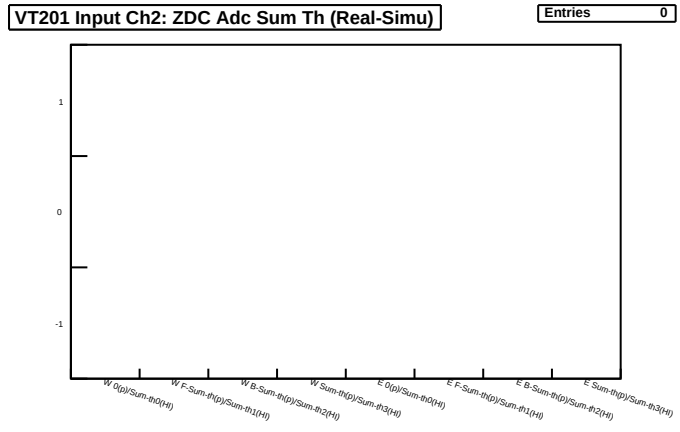

VT201 Input Ch1: EPD Hit Count Th
Entries 989746
486464
485883
8409
8990
East
West

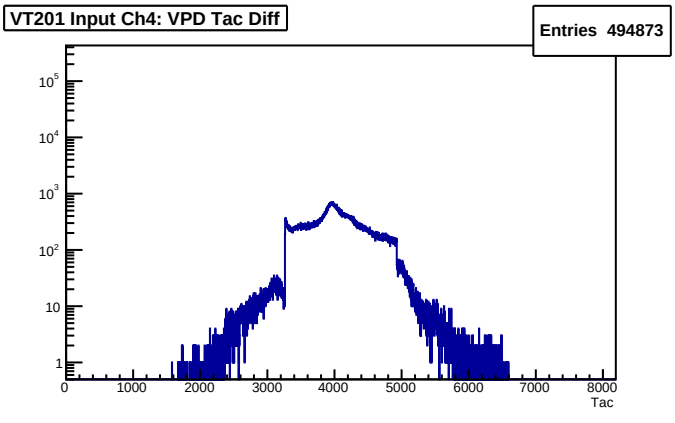

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

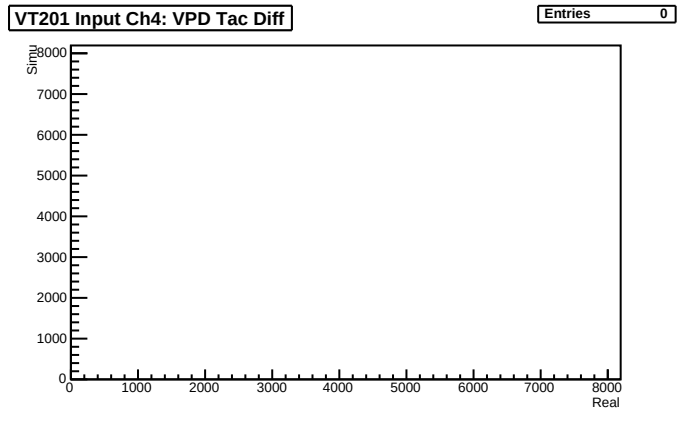

VT201 Input Ch2: ZDC Tac Diff
Entries 494873
Tac

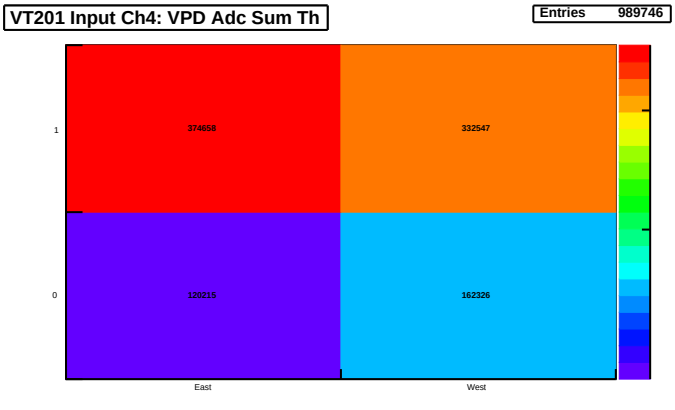

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

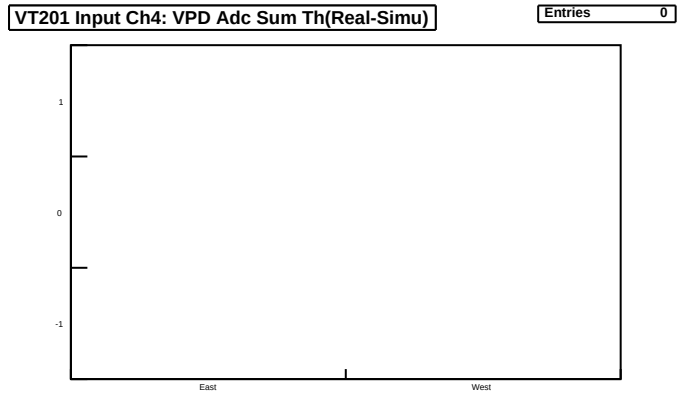

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3958984
10623
2634
23
20
10390
4050
62
56
484250
492239
494850
494853
484483
490823
494811
494817
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

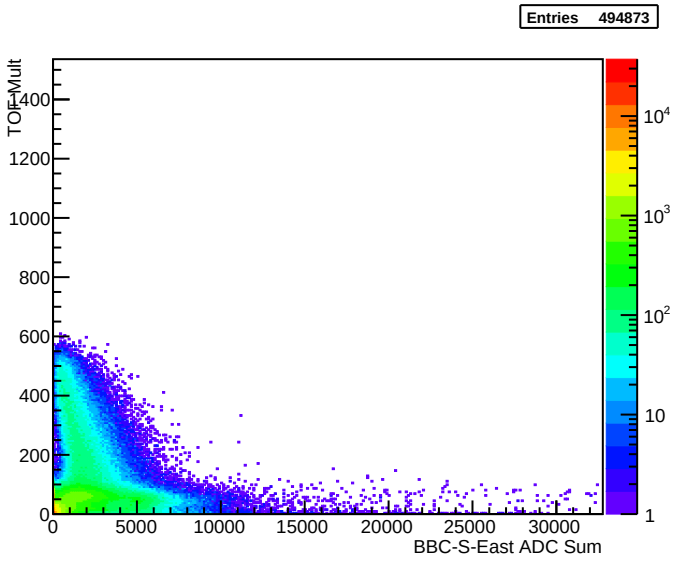

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

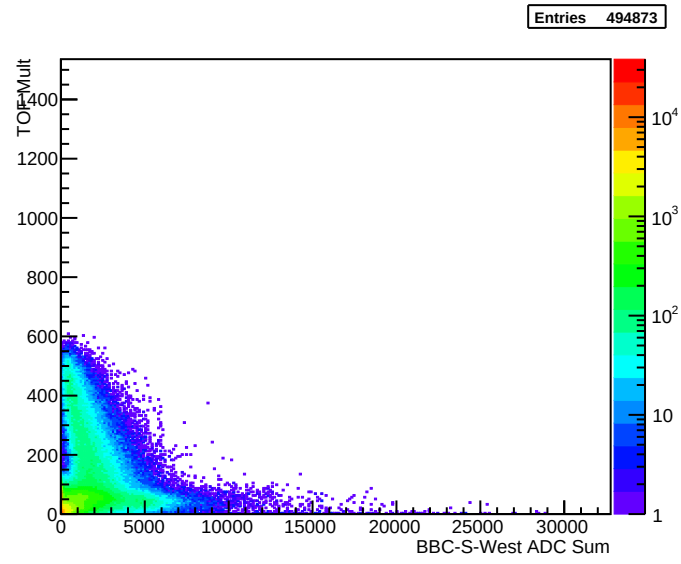

VT201 Input Ch4: VPD Tac Diff
Entries 494873
Tac

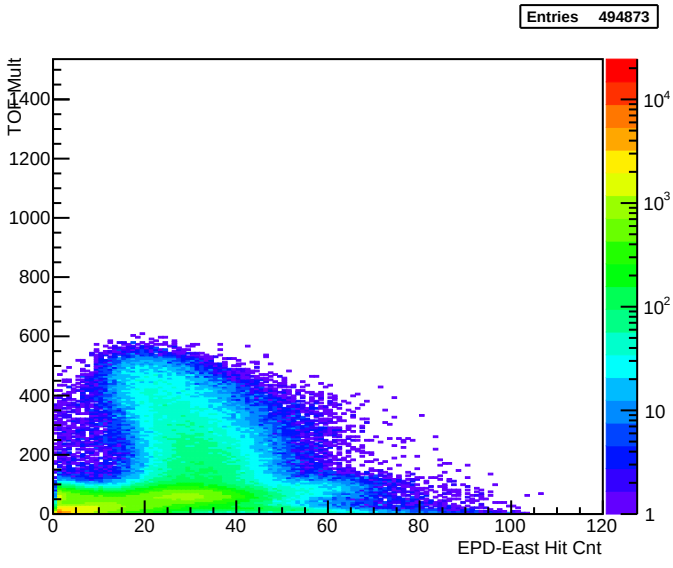

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

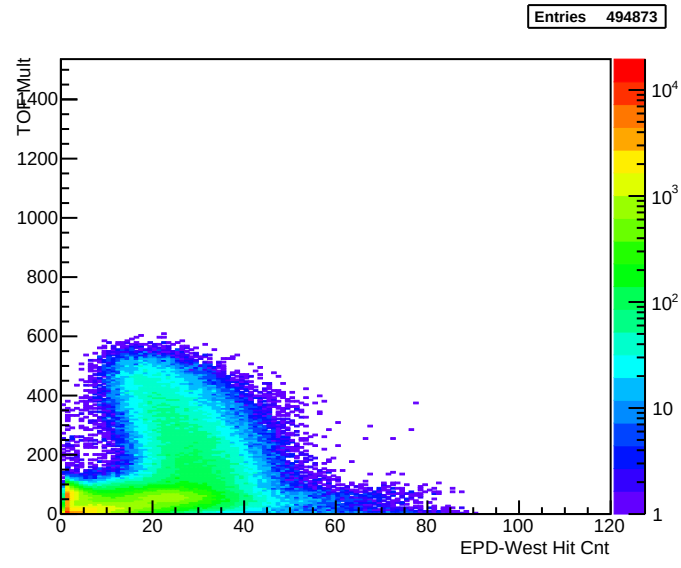

VT201 Input Ch4: VPD Adc Sum Th
Entries 989746
374658
332547
120215
162326
East
West

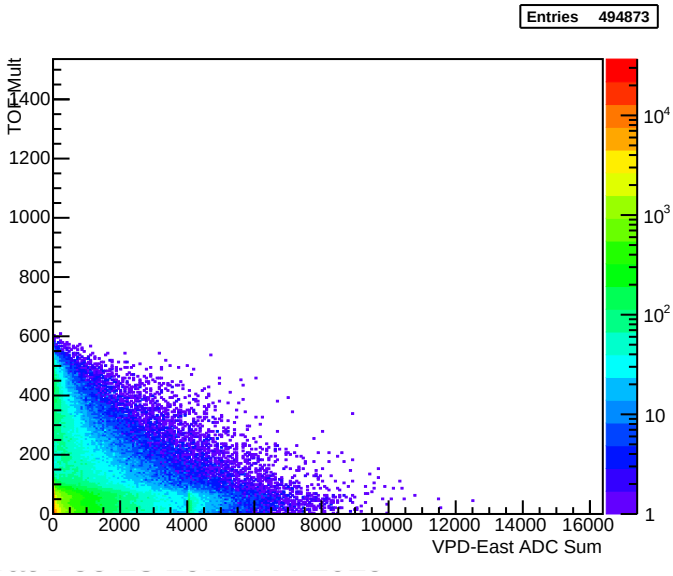

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

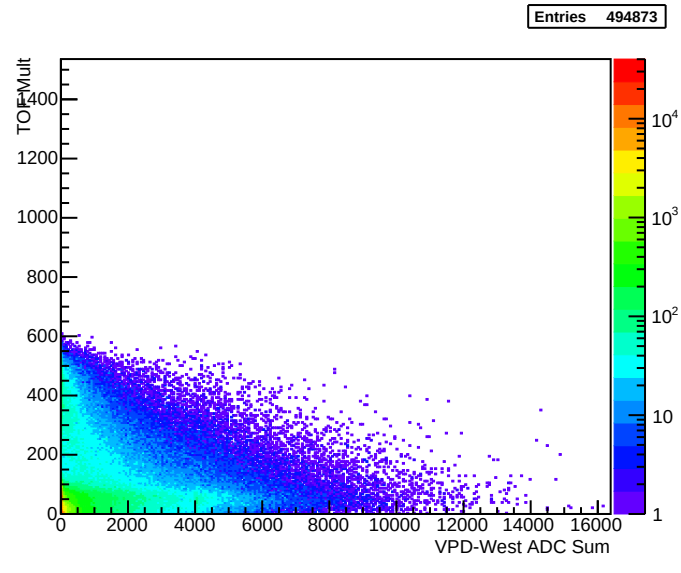

Entries 494873
TOF-Mult
BBC-S-East ADC Sum

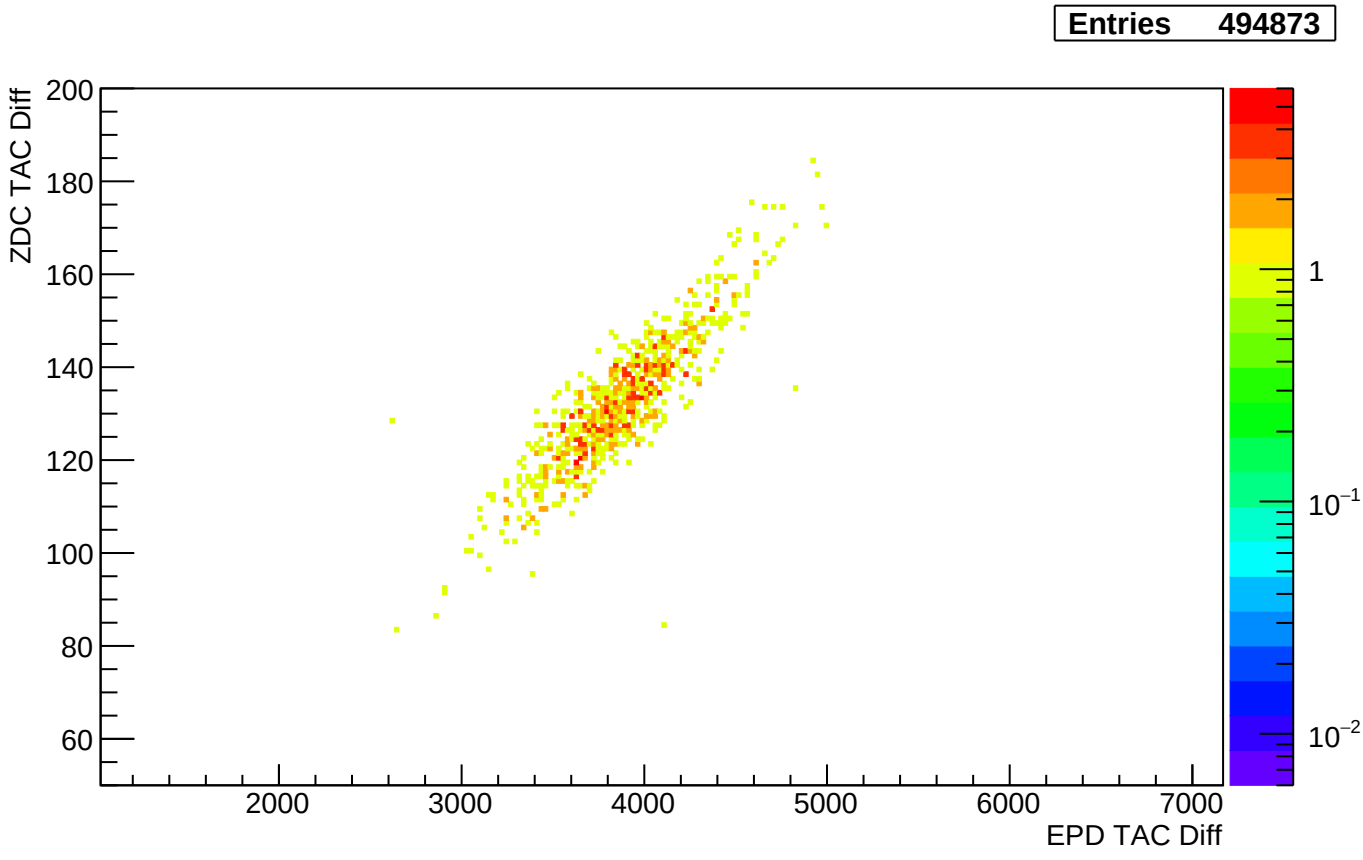

Entries 494873
TOF-Mult
BBC-S-West ADC Sum

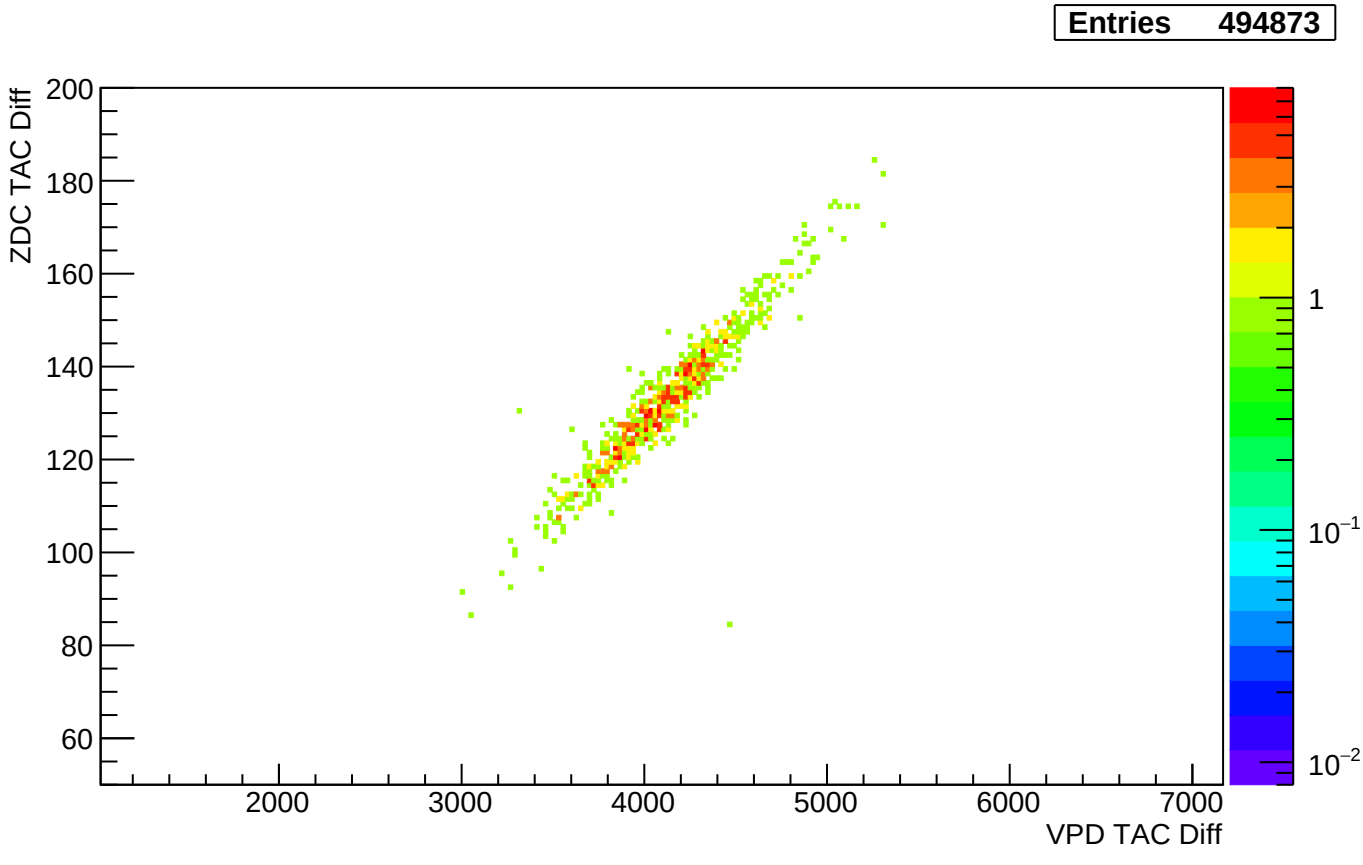

Entries 494873
TOF-Mult
EPD-East Hit Cnt

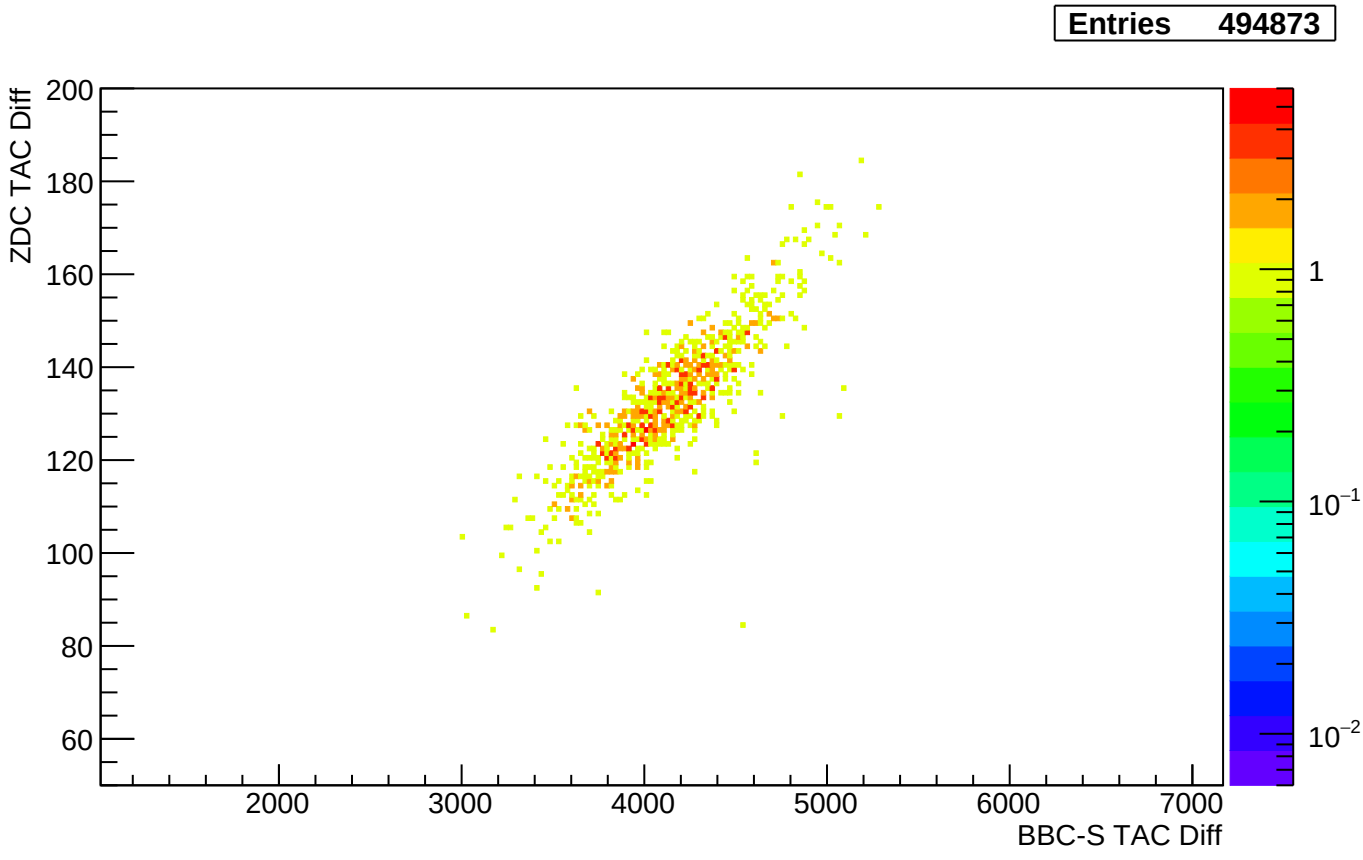

Entries 494873
TOF-Mult
EPD-West Hit Cnt

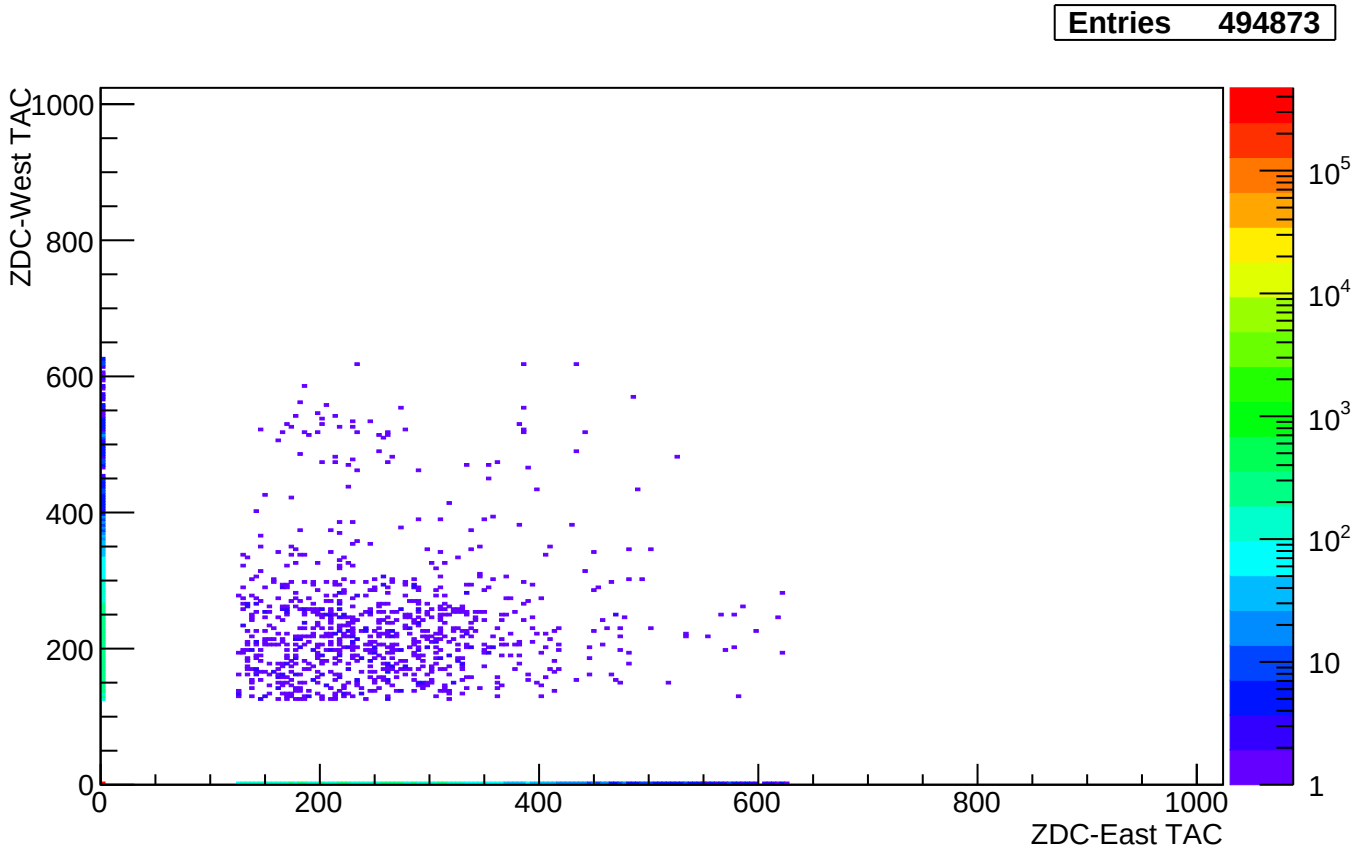

Entries 494873
TOF-Mult
VPD-East ADC Sum

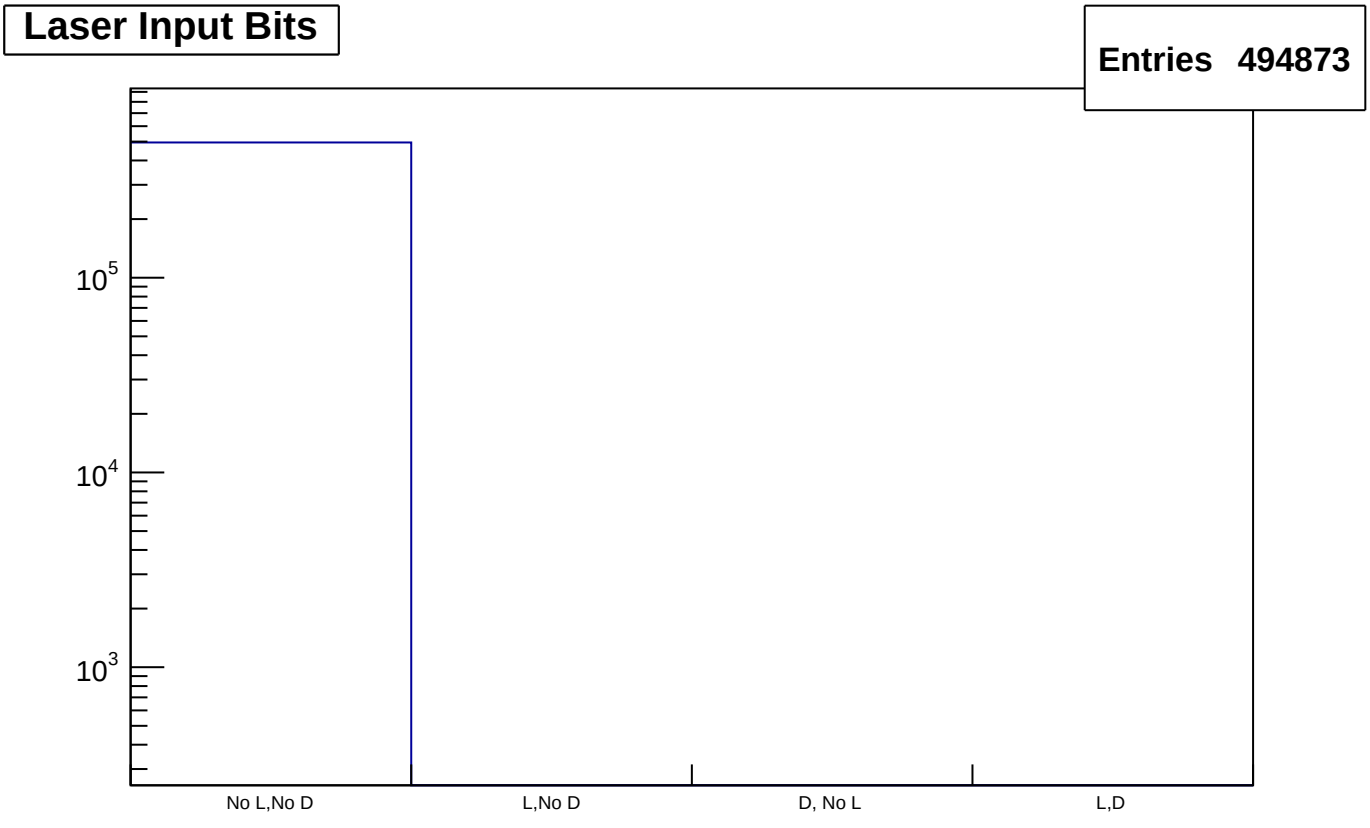

Entries 494873
TOF-Mult
VPD-West ADC Sum

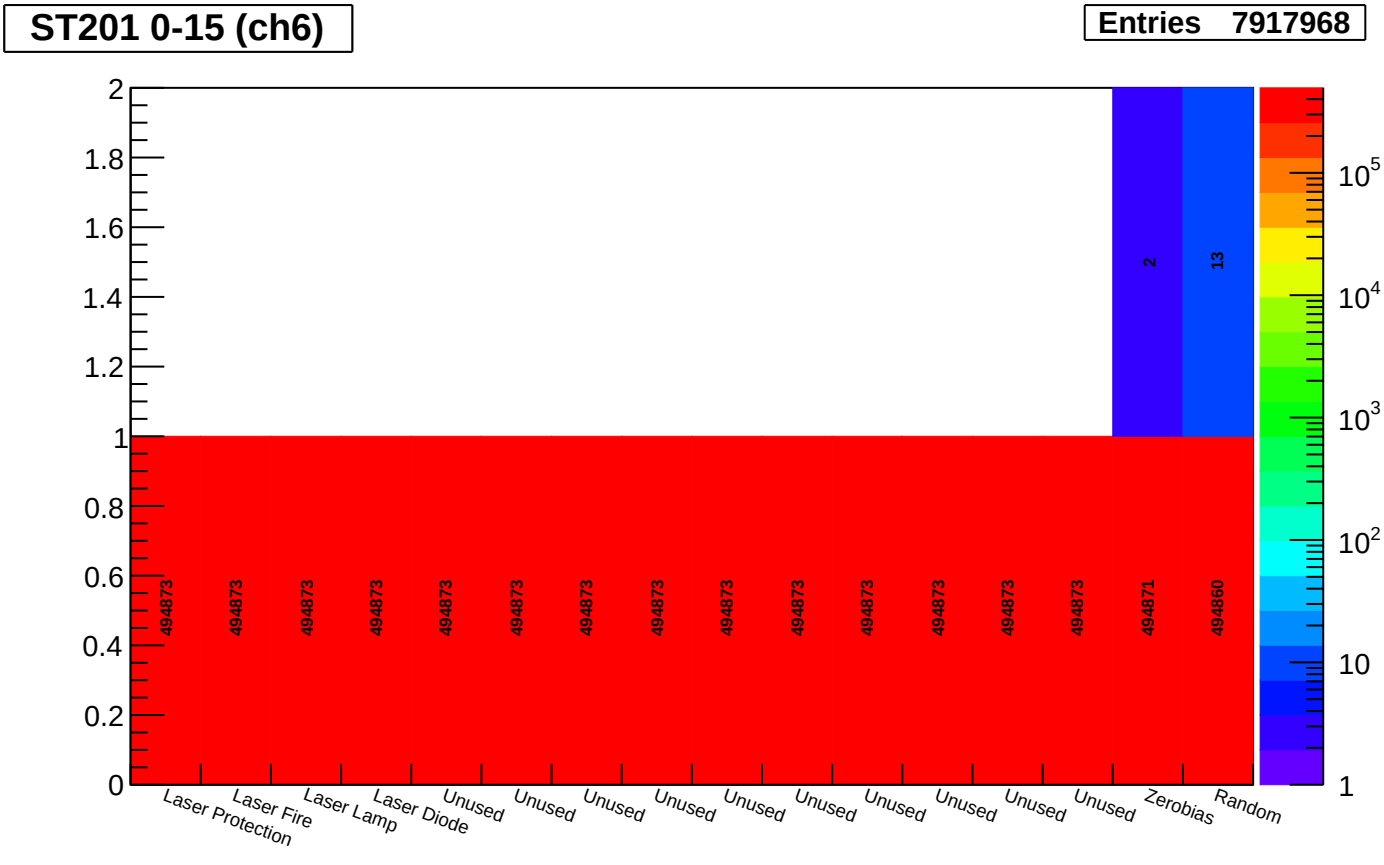

Entries 494873
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

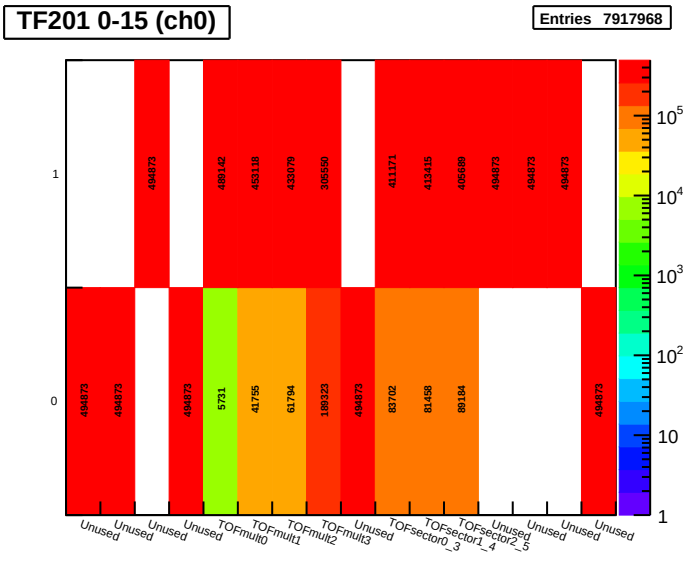

Entries 494873
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

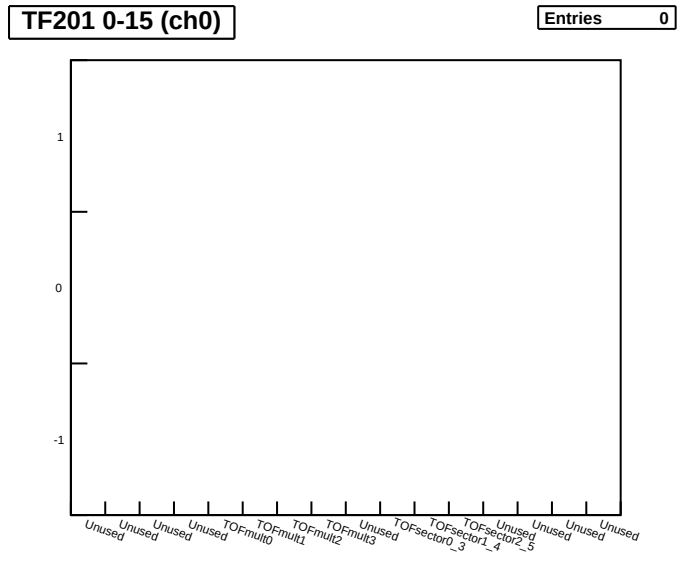

Entries 494873
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

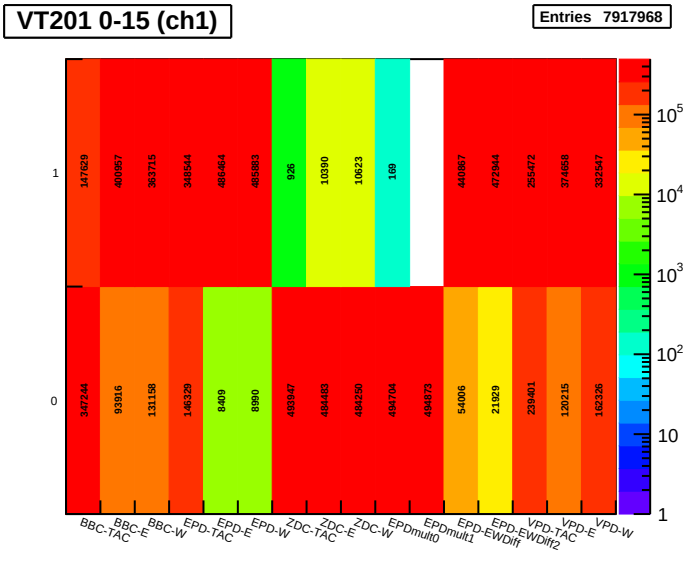

Entries 494873
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

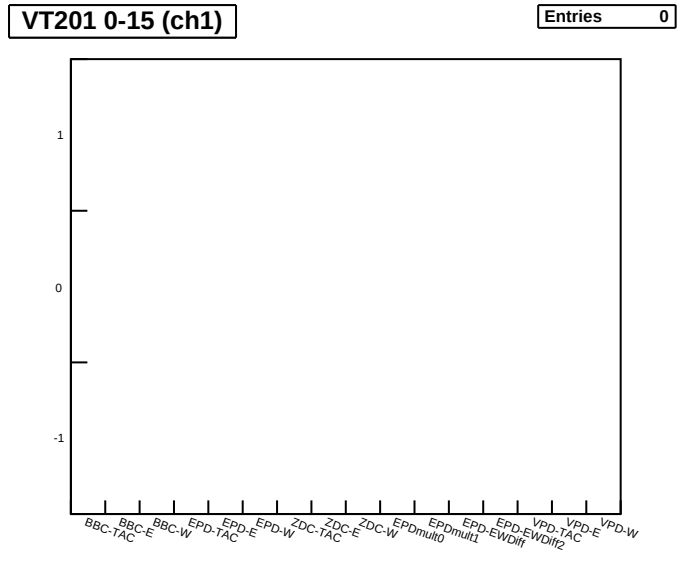

Laser Input Bits
Entries 494873
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

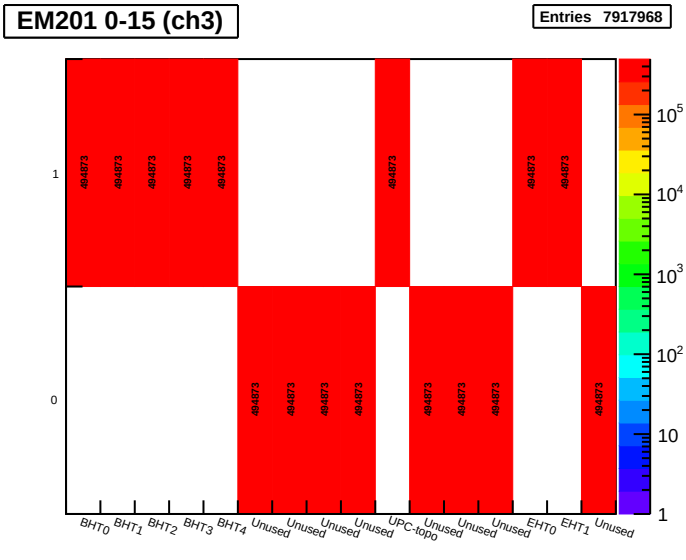

ST201 0-15 (ch6)
Entries 7917968
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
494873
494873
494873
494873
494873
494873
494873
494873
494873
494873
494873
494873
494873
494873
494871
494860
2
13
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

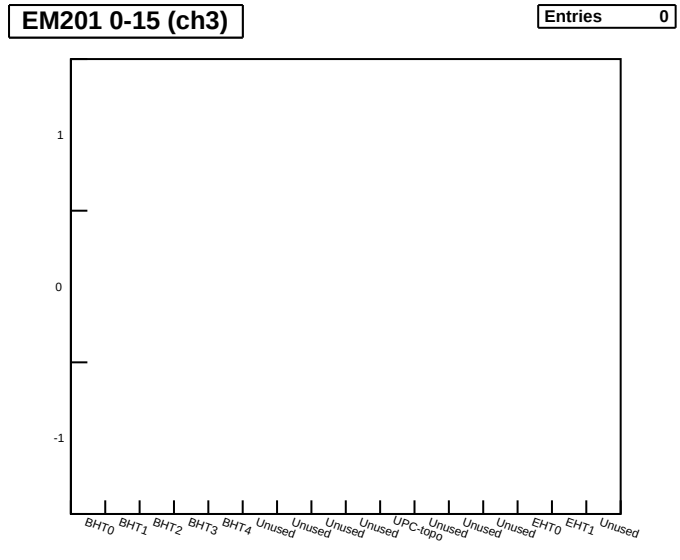

TF201 0-15 (ch0)
Entries 7917968
1
0
494873
489142
453118
433079
305550
411171
413415
405689
494873
494873
494873
494873
494873
494873
5731
41755
61794
189323
494873
83702
81458
89184
494873
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7917968
1
0
147629
400957
363715
348544
486464
485883
926
10390
10623
169
440867
472944
255472
374658
332547
347244
93916
131158
146329
8409
8990
492947
494483
494250
494704
494873
54006
21929
239401
120215
162326
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 7917968
1
0
494873
494873
494873
494873
494873
494873
494873
494873
494873
494873
494873
494873
494873
494873
494873
494873
494873
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