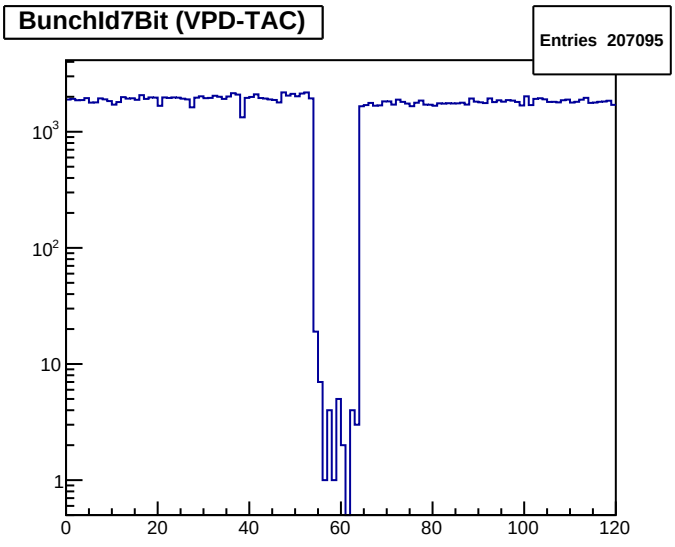
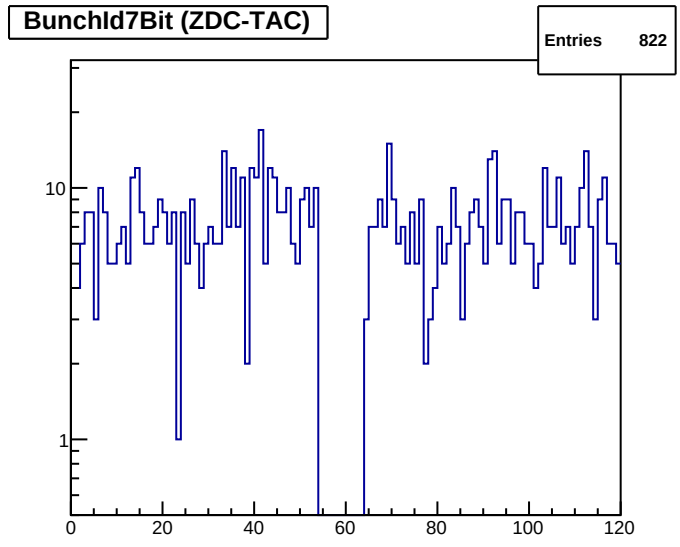
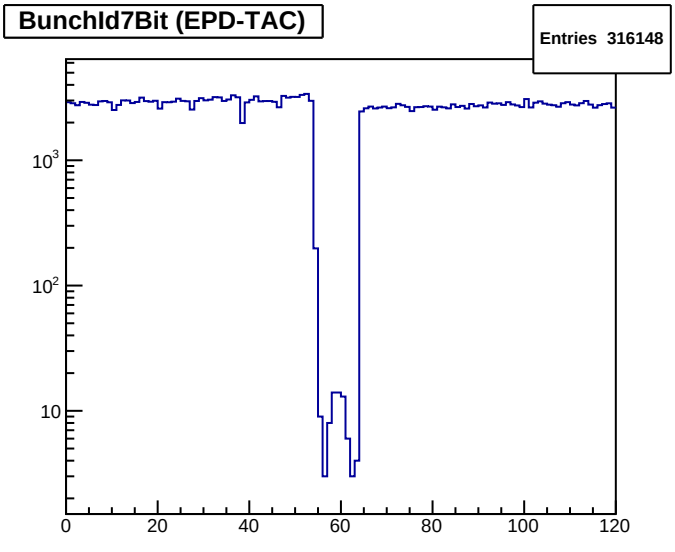
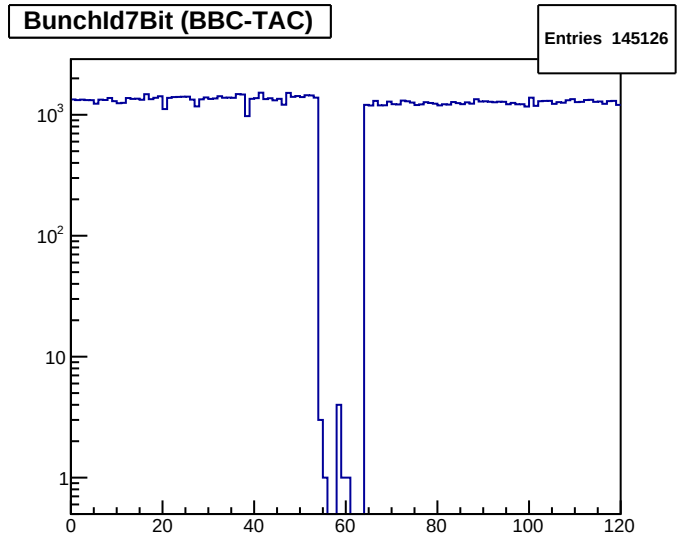
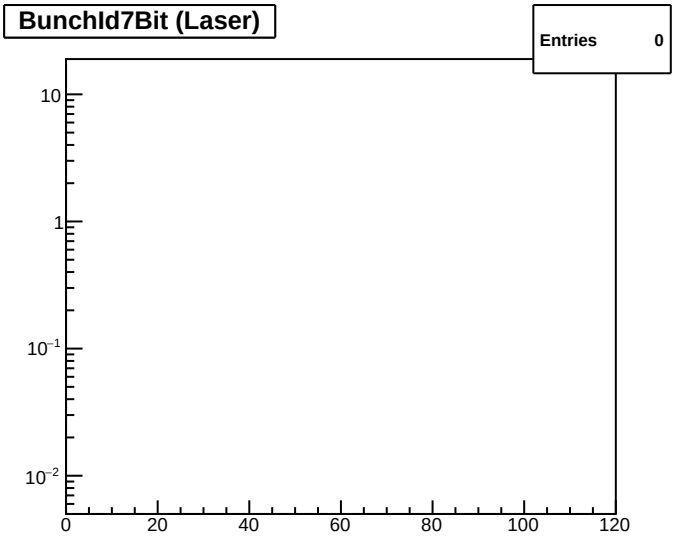
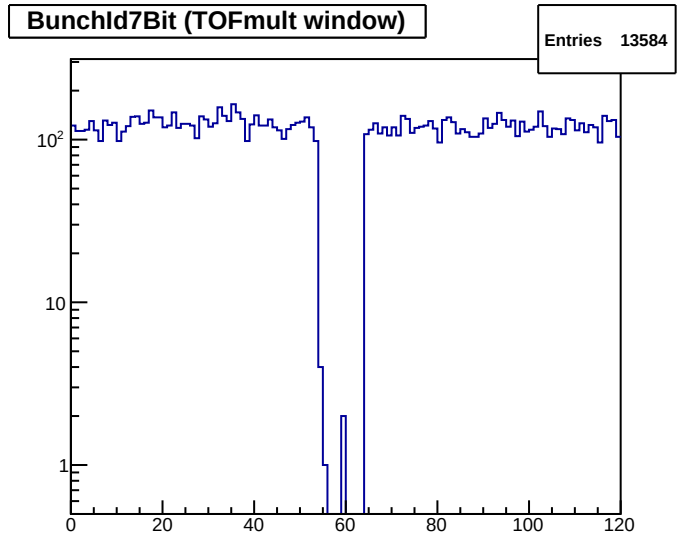

BunchId7Bit (VPD-TAC)
Entries 207095

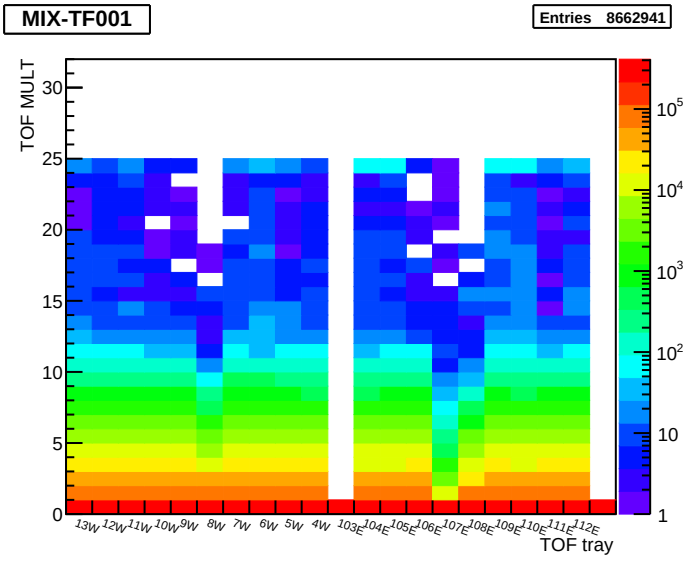

BunchId7Bit (ZDC-TAC)
Entries 822

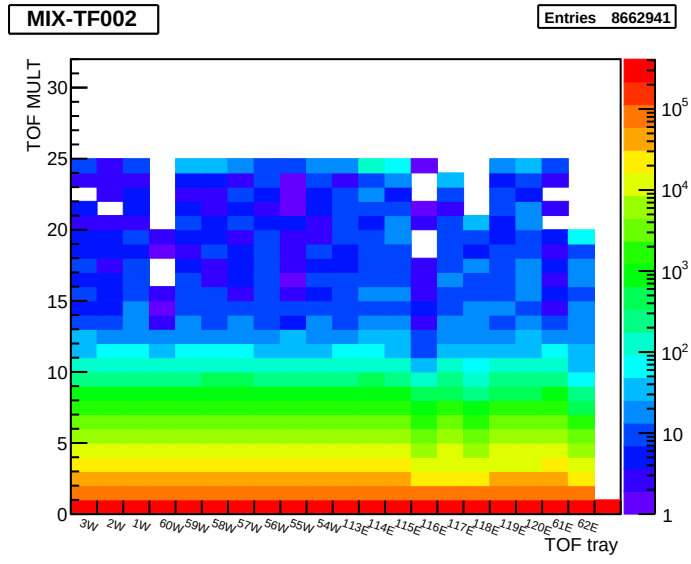

BunchId7Bit (EPD-TAC)
Entries 316148

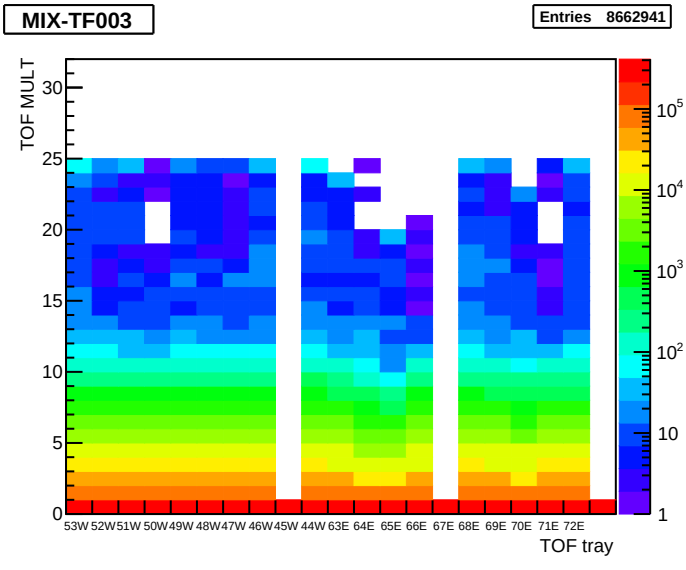

BunchId7Bit (BBC-TAC)
Entries 145126

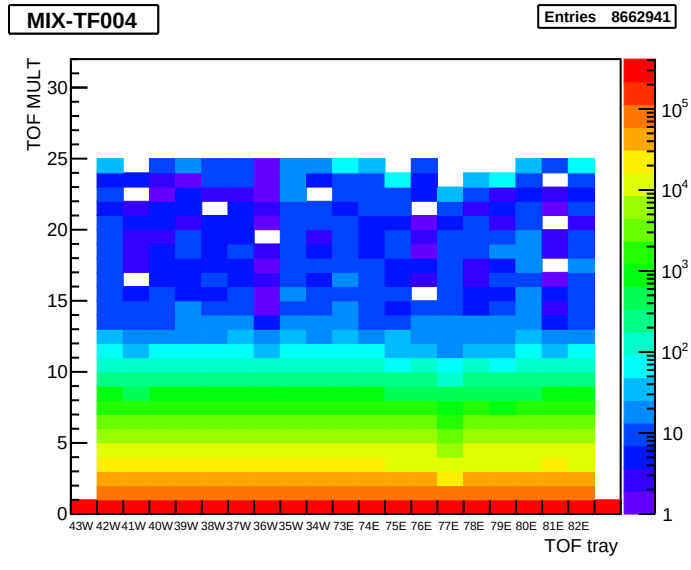

BunchId7Bit (Laser)
Entries 0

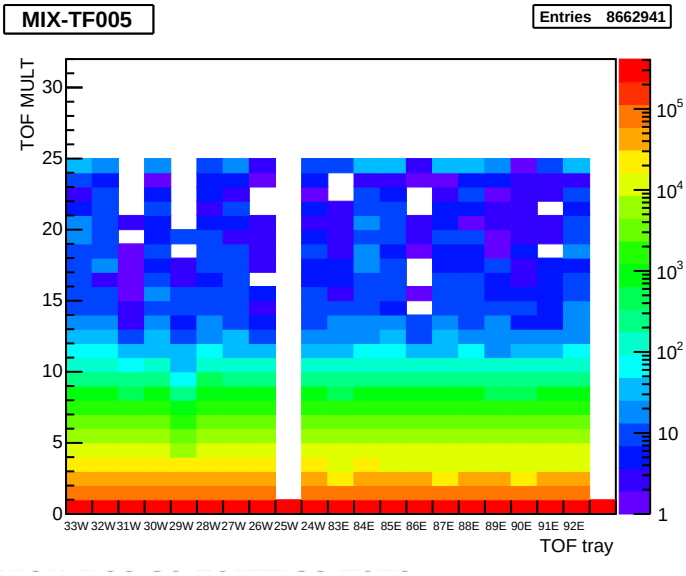

BunchId7Bit (TOFmult window)
Entries 13584

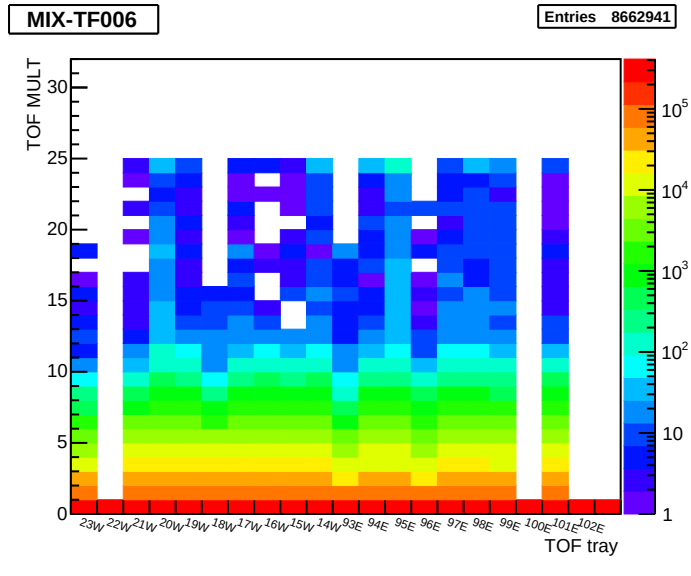

MIX-TF001
Entries 8662941
TOF MULT
TOF tray

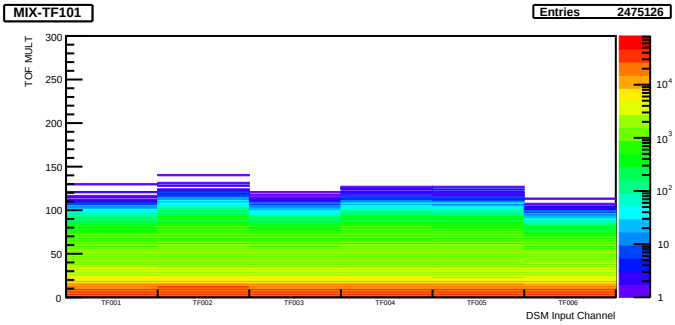

MIX-TF002
Entries 8662941
TOF MULT
TOF tray

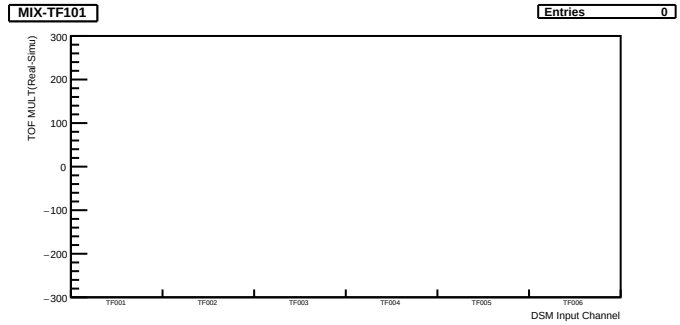

MIX-TF003
Entries 8662941
TOF MULT
TOF tray

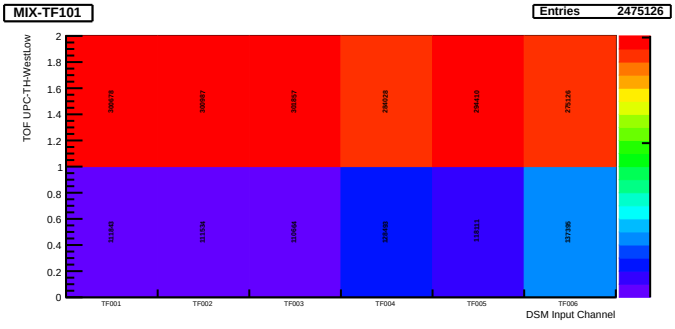

MIX-TF004
Entries 8662941
TOF MULT
TOF tray

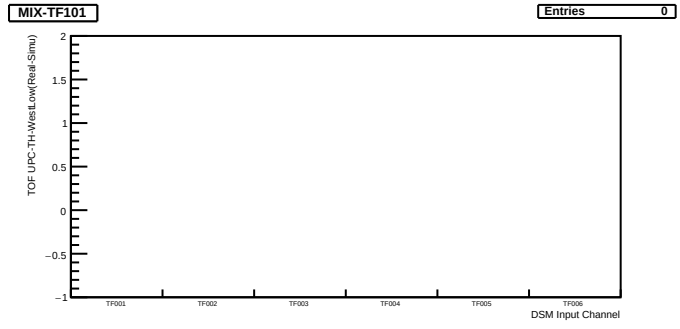

MIX-TF005
Entries 8662941
TOF MULT
TOF tray

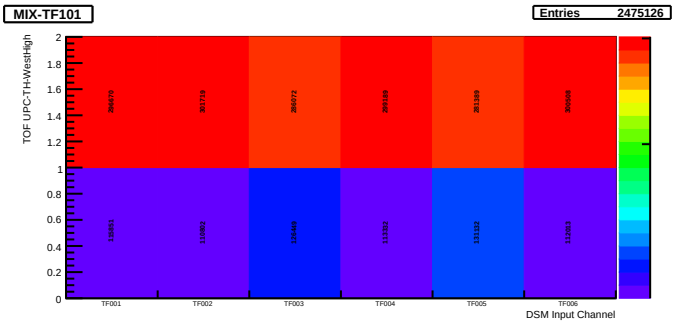

MIX-TF006
Entries 8662941
TOF MULT
TOF tray

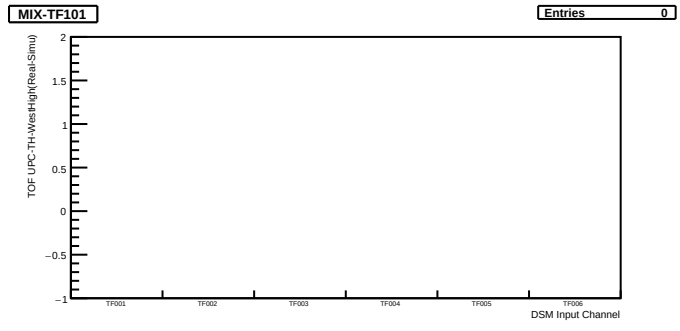

MIX-TF101
Entries 2475126
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

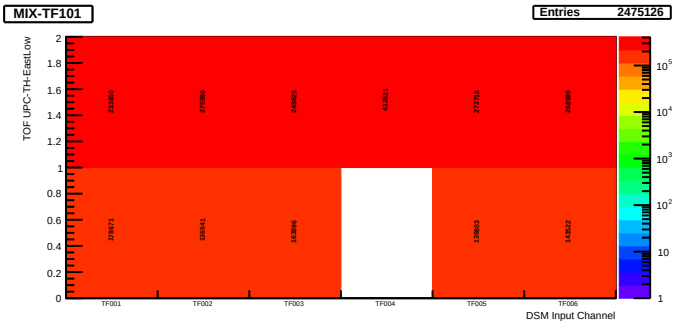

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

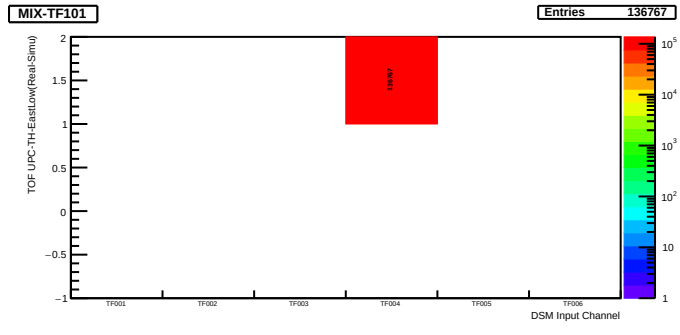

MIX-TF101
Entries 2475126
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

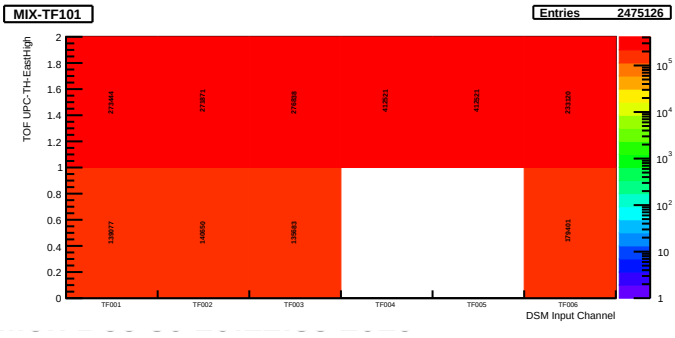

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

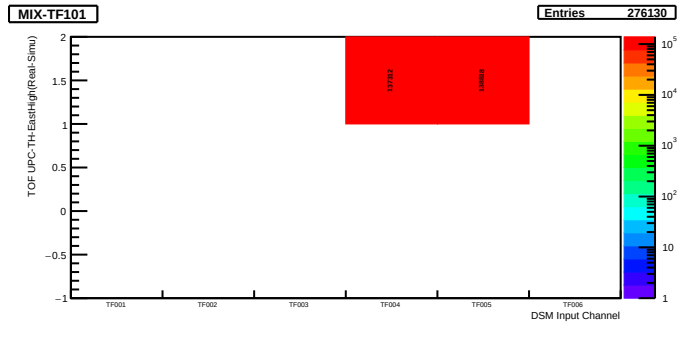

MIX-TF101
Entries 2475126
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

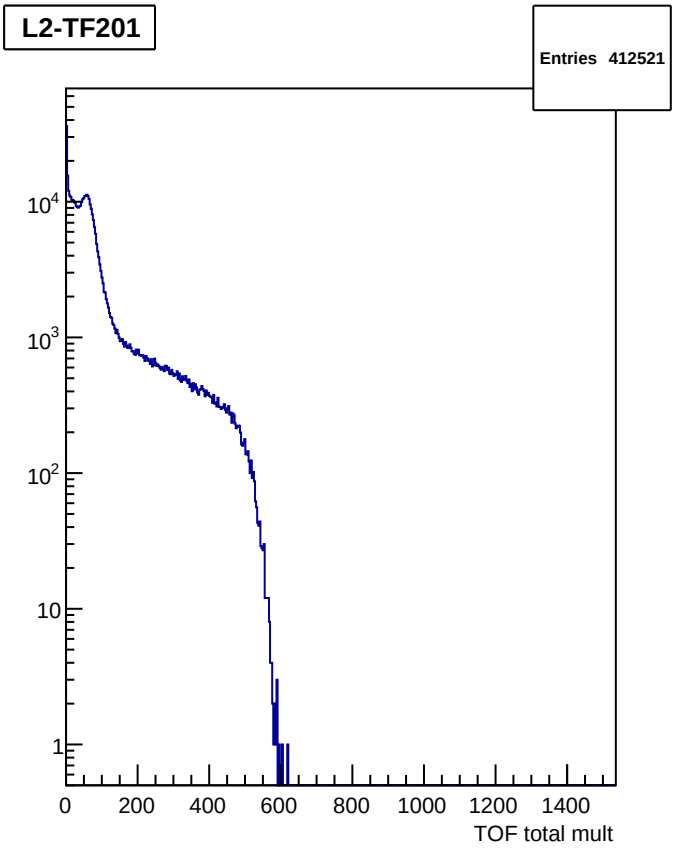

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

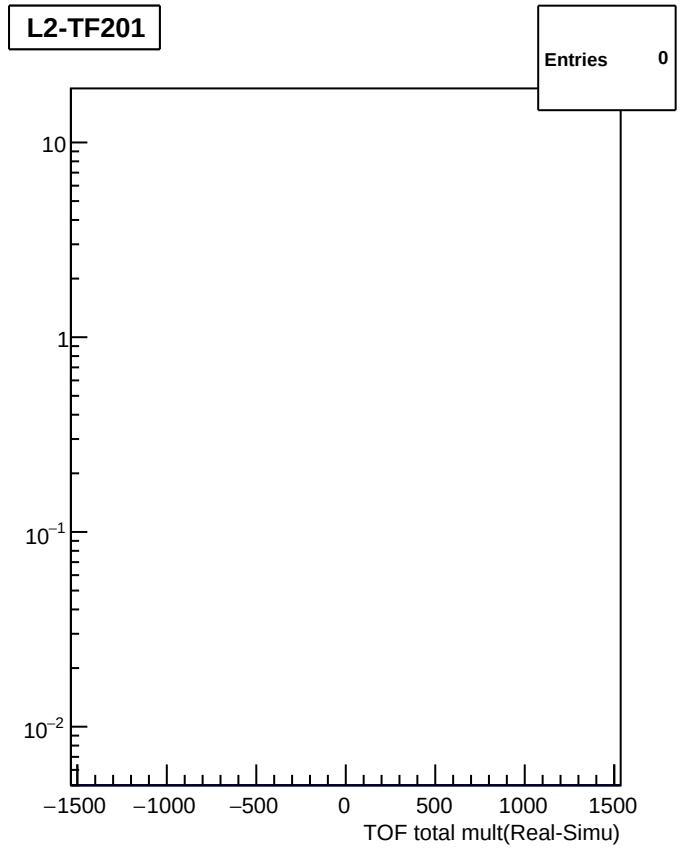

MIX-TF101
Entries 2475126
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

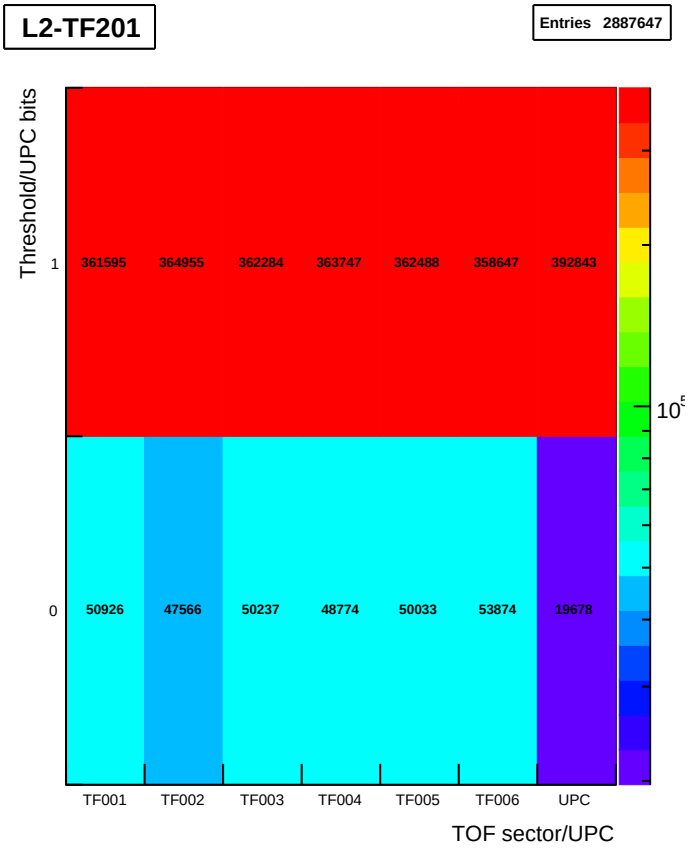

MIX-TF101
Entries 136767
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

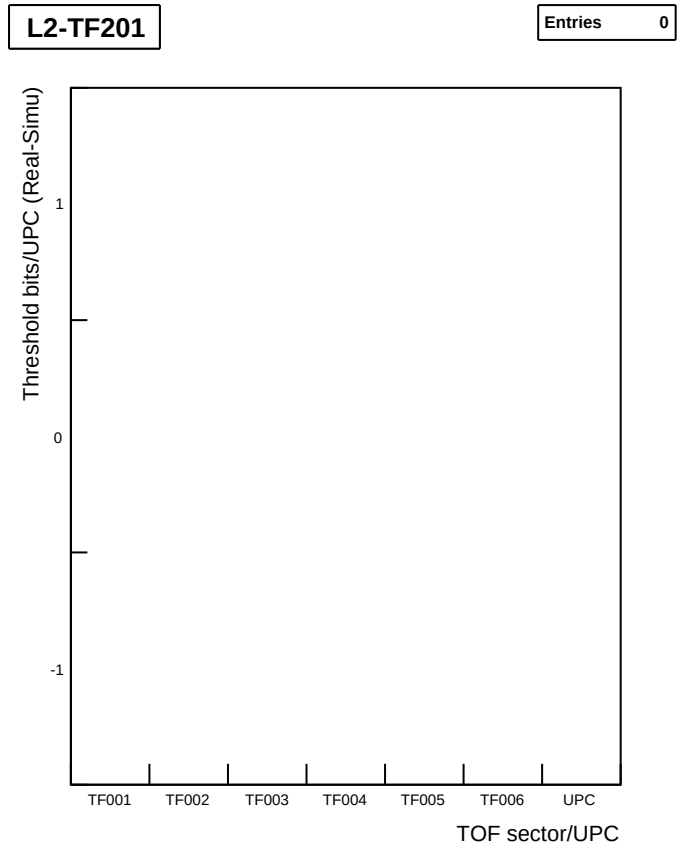

MIX-TF101
Entries 2475126
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

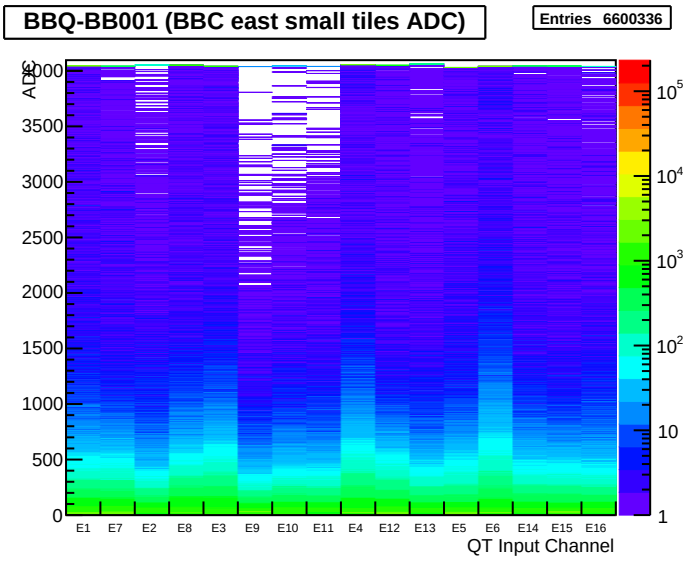

MIX-TF101
Entries 276130
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

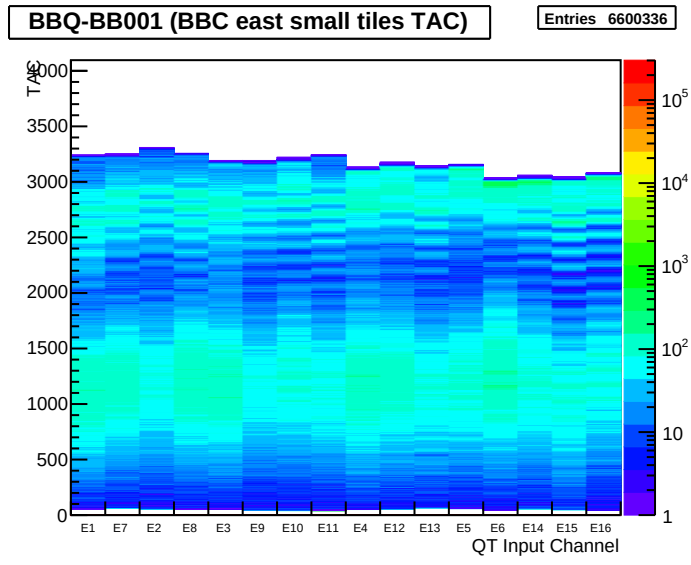

L2-TF201
Entries 412521
TOF total mult

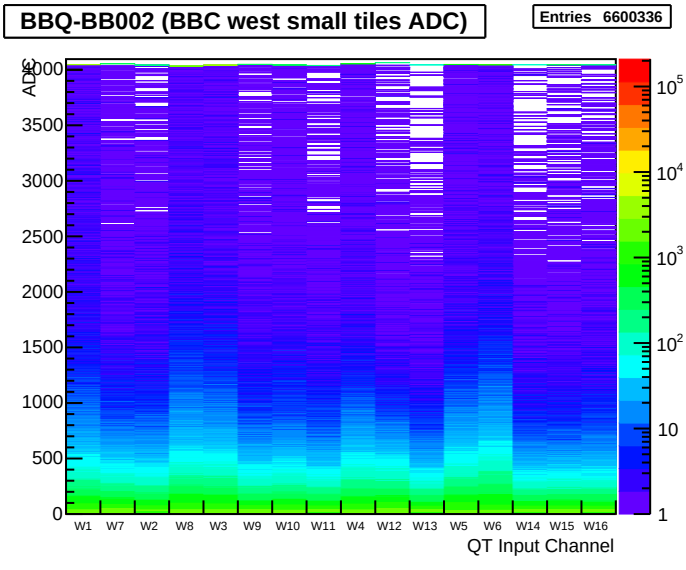

L2-TF201
Entries 0
TOF total mult(Real-Simu)

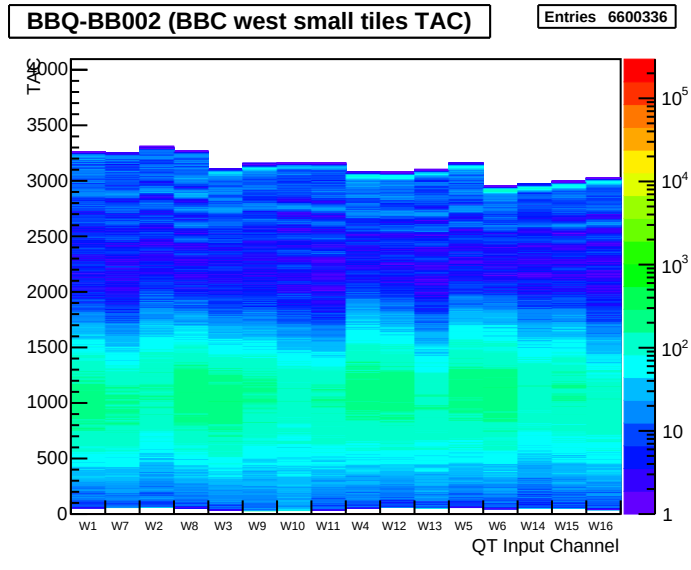

L2-TF201
Entries 2887647
Threshold/UPC bits
361595
364955
362284
363747
362488
358647
392843
50926
47566
50237
48774
50033
53874
19678
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

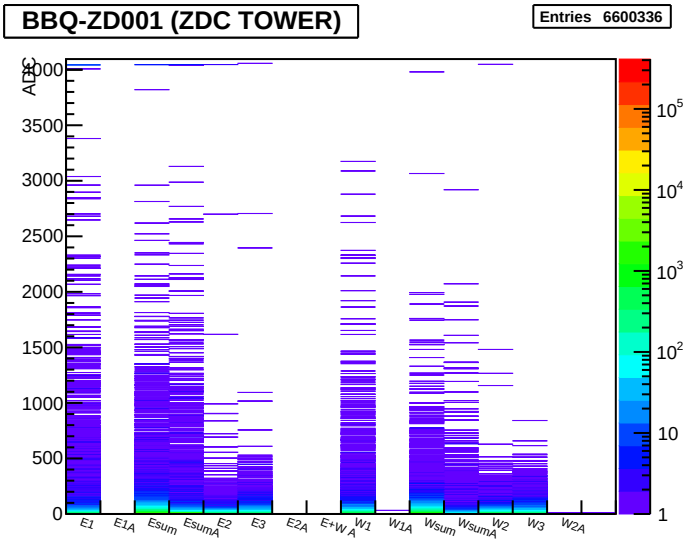

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

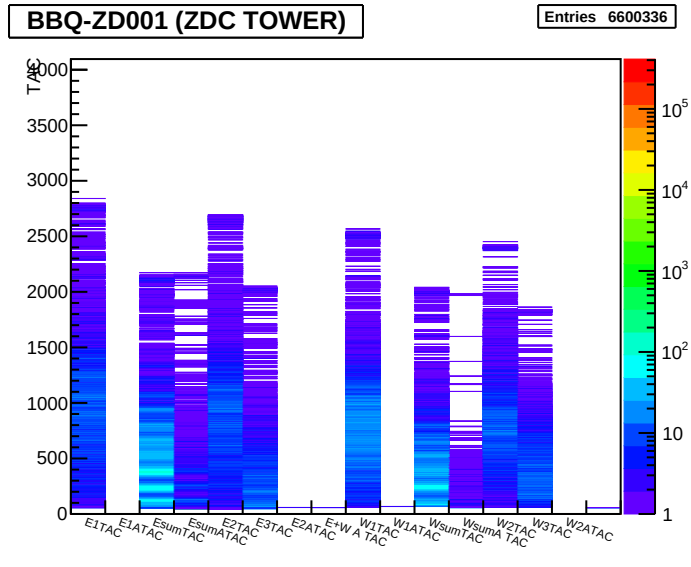

BBQ-BB001 (BBC east small tiles ADC)
Entries 6600336
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

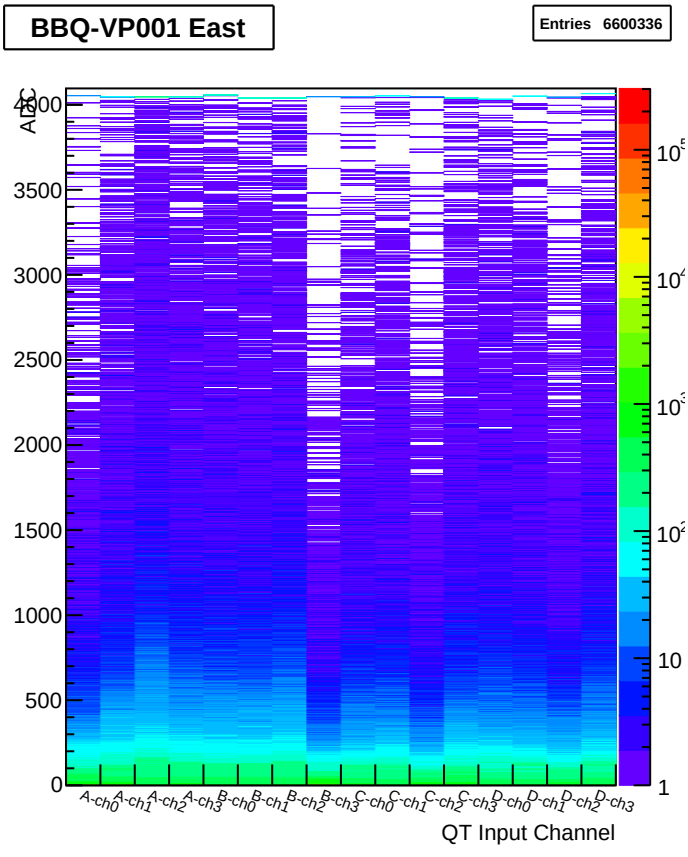

BBQ-BB001 (BBC east small tiles TAC)
Entries 6600336
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

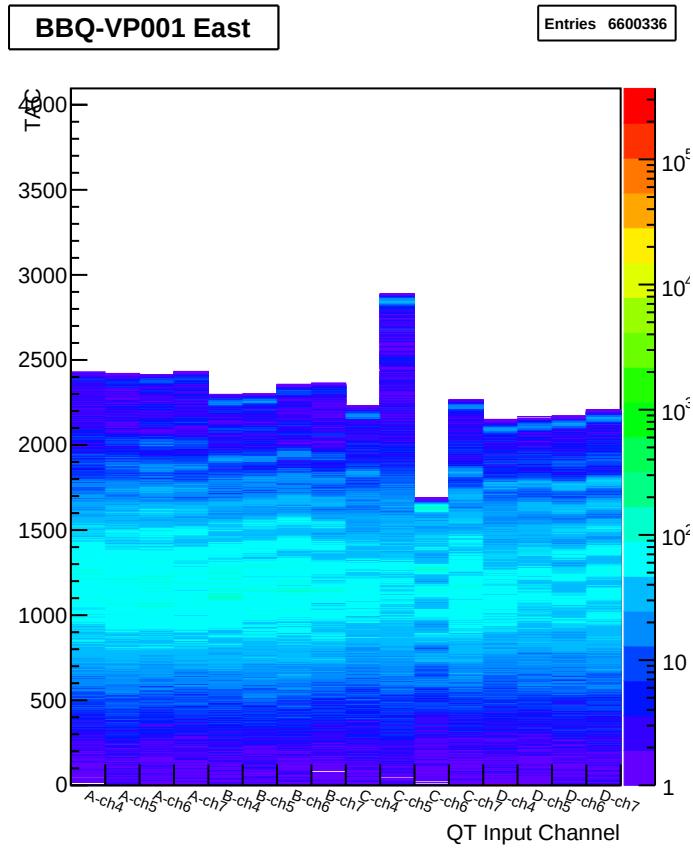

BBQ-BB002 (BBC west small tiles ADC)
Entries 6600336
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

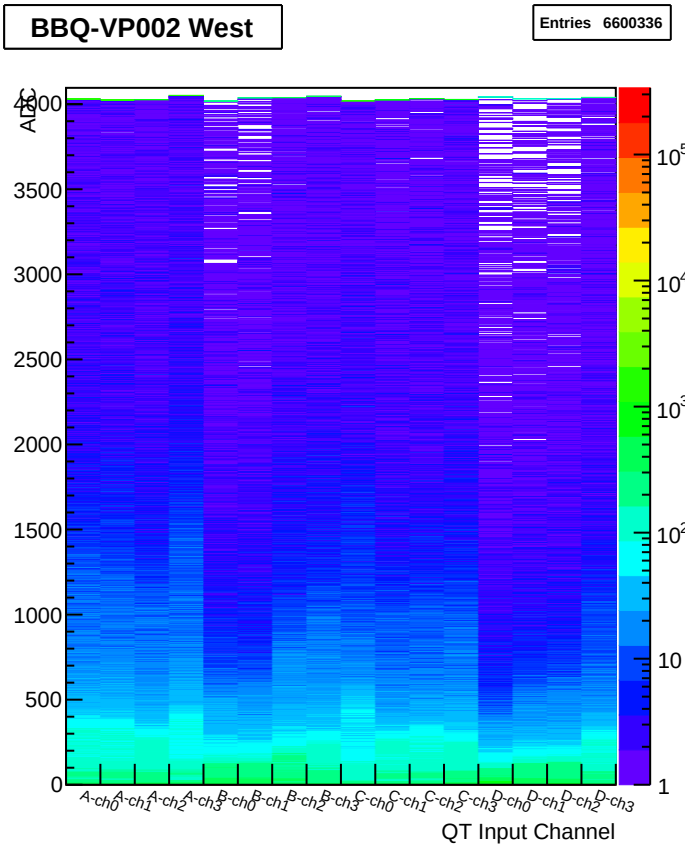

BBQ-BB002 (BBC west small tiles TAC)
Entries 6600336
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

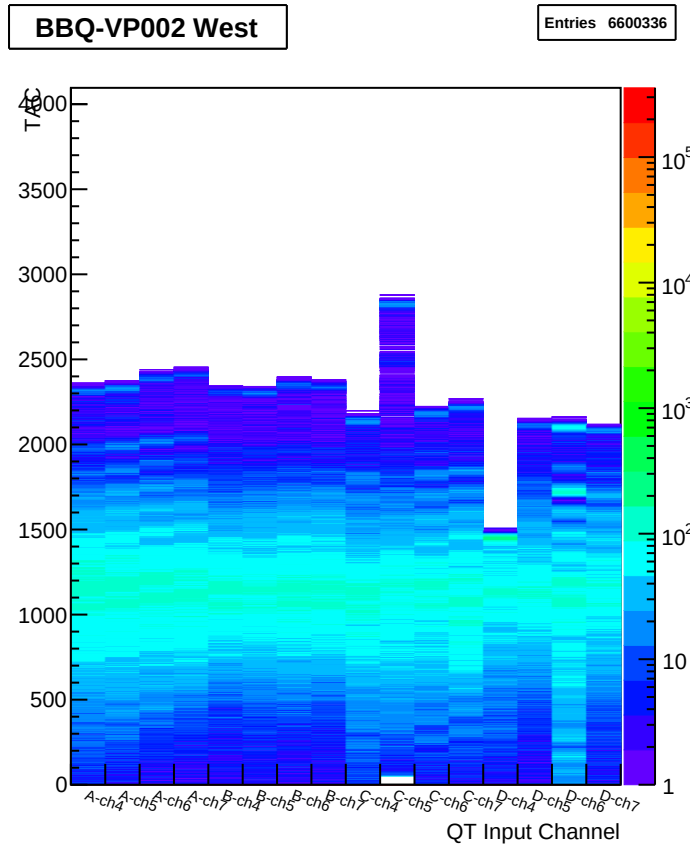

BBQ-ZD001 (ZDC TOWER)
Entries 6600336
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

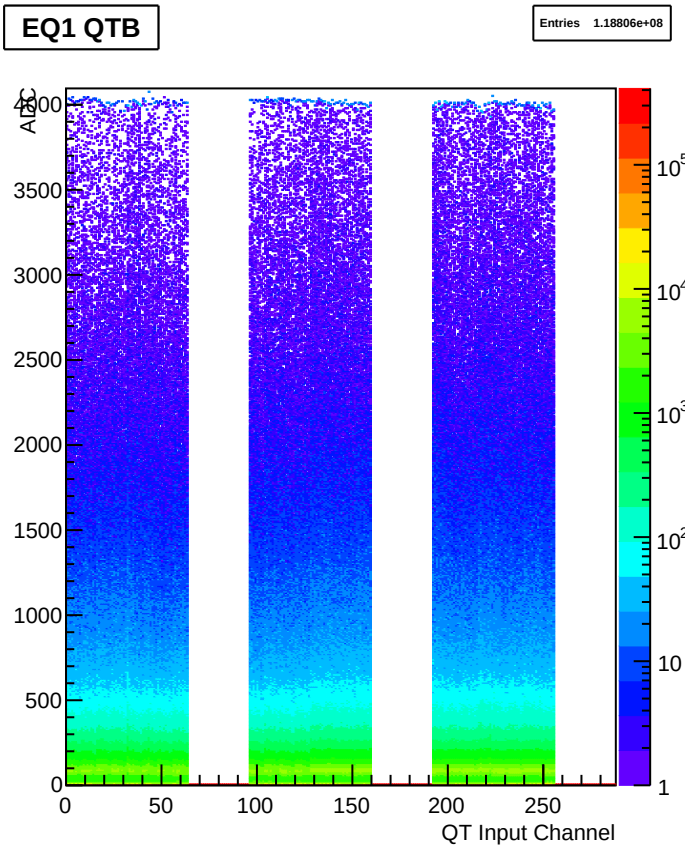

BBQ-ZD001 (ZDC TOWER)
Entries 6600336
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

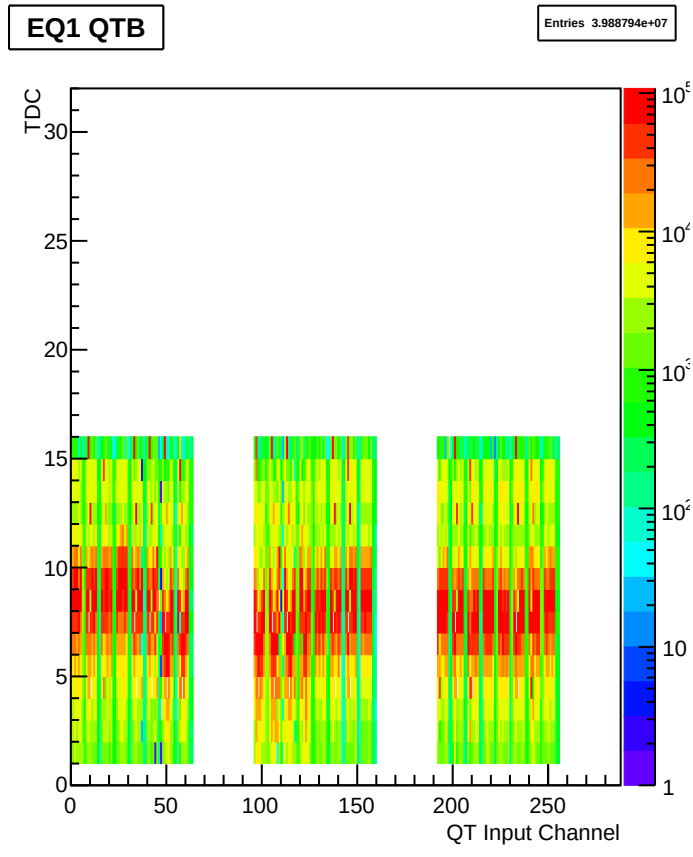

BBQ-VP001 East
Entries 6600336
ADC
QT Input Channel

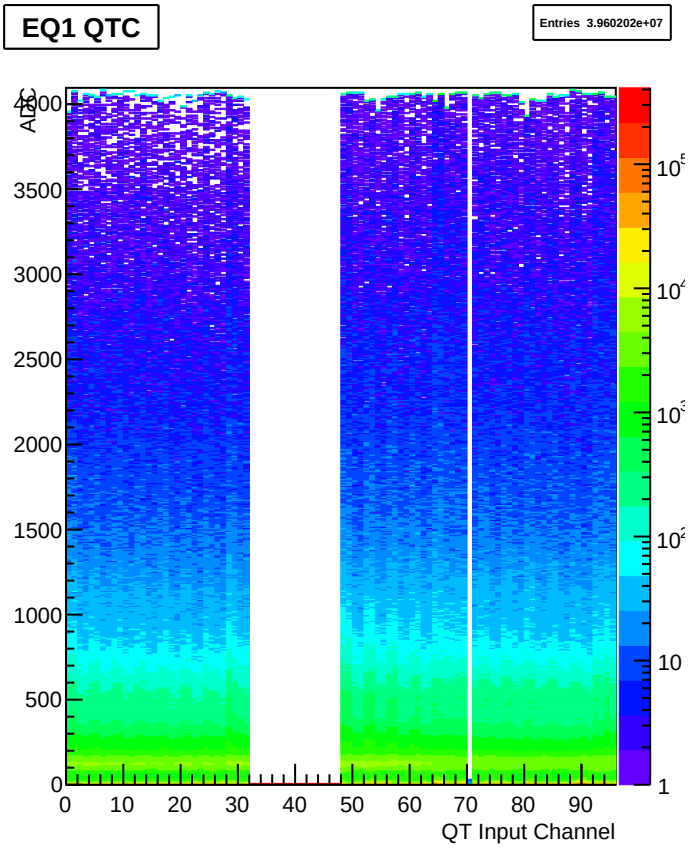

BBQ-VP001 East
Entries 6600336
TADC
QT Input Channel

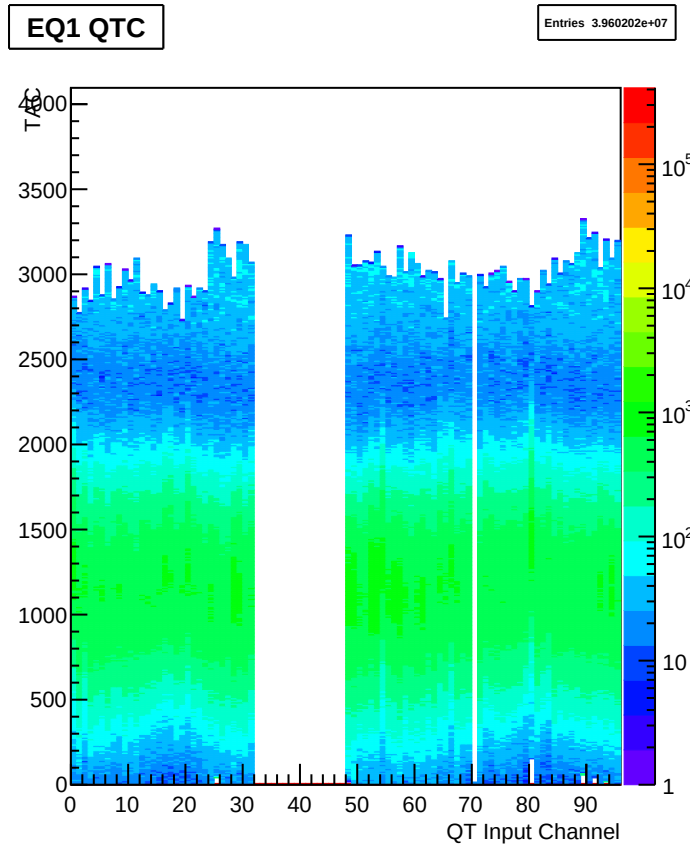

BBQ-VP002 West
Entries 6600336
ADC
QT Input Channel

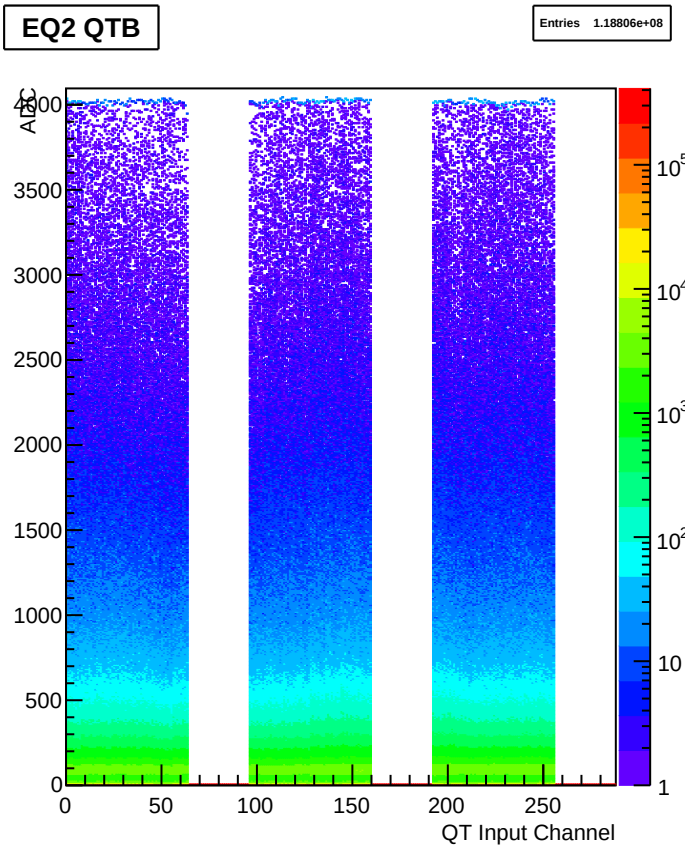

BBQ-VP002 West
Entries 6600336
TADC
QT Input Channel

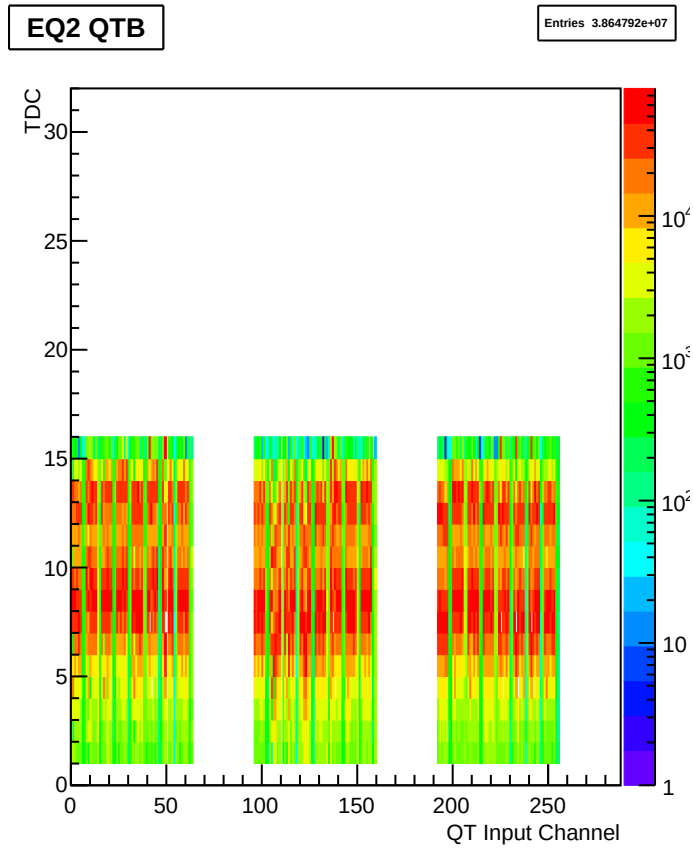

EQ1 QTB
Entries 1.18806e+08
ADC
QT Input Channel

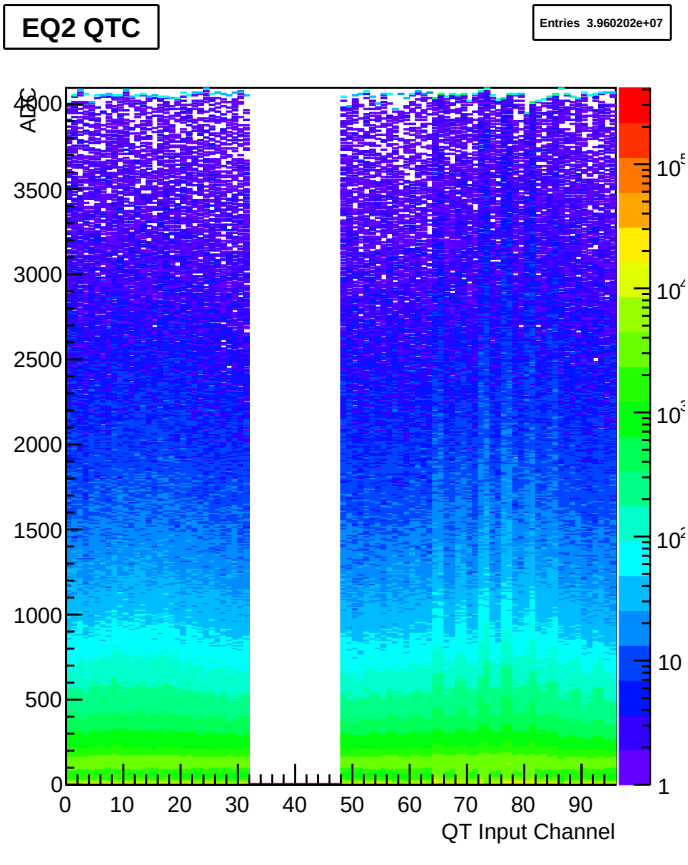

EQ1 QTB
Entries 3.988794e+07
TDC
QT Input Channel

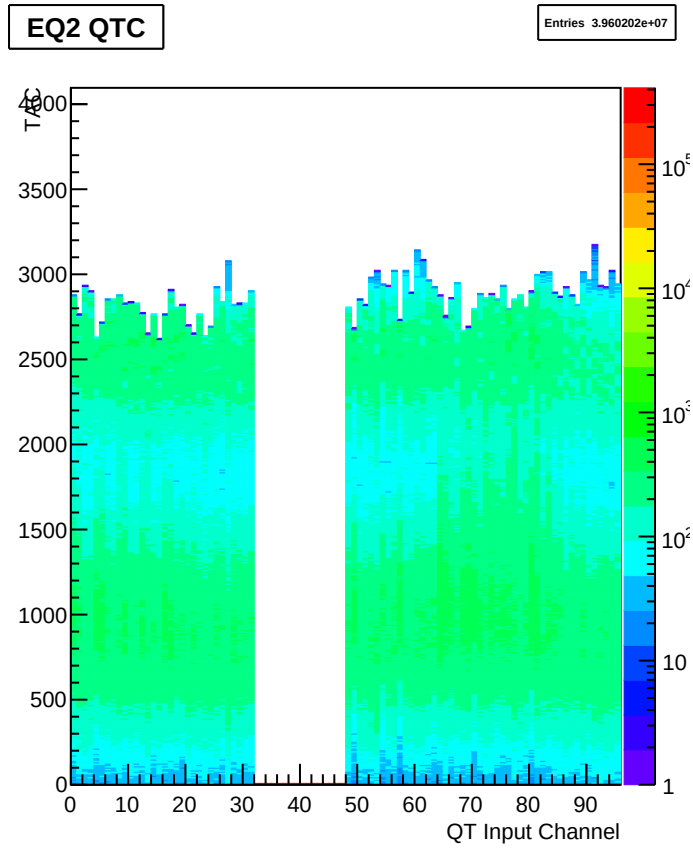

EQ1 QTC
Entries 3.960202e+07
ADC
QT Input Channel

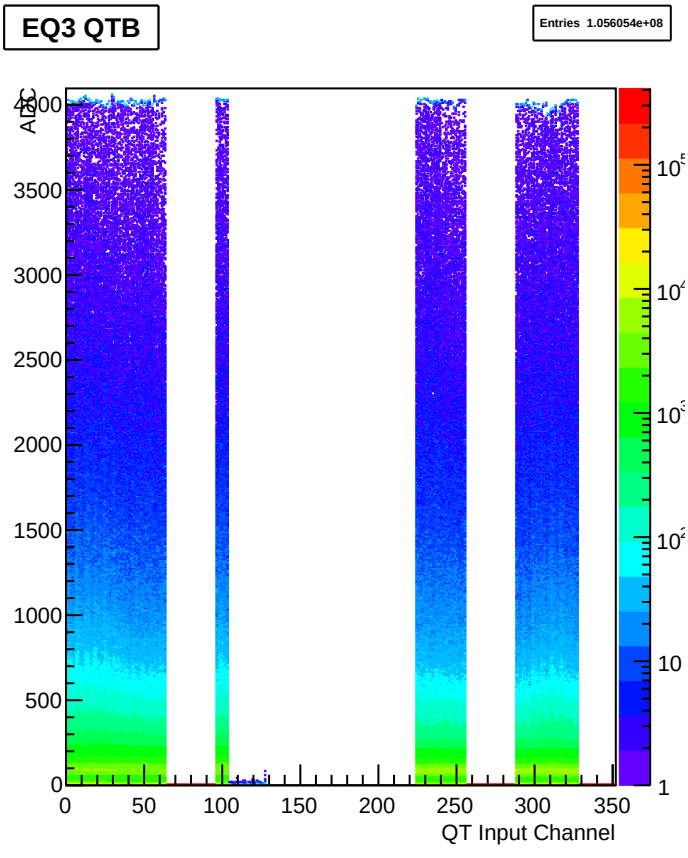

EQ1 QTC
Entries 3.960202e+07
TADC
QT Input Channel

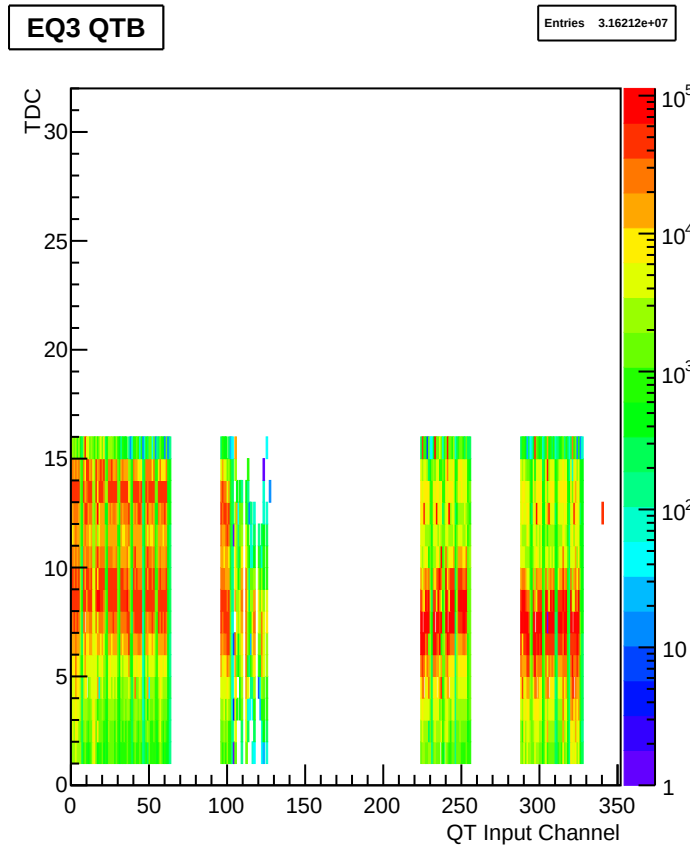

EQ2 QTB
Entries 1.18806e+08
ADC
QT Input Channel

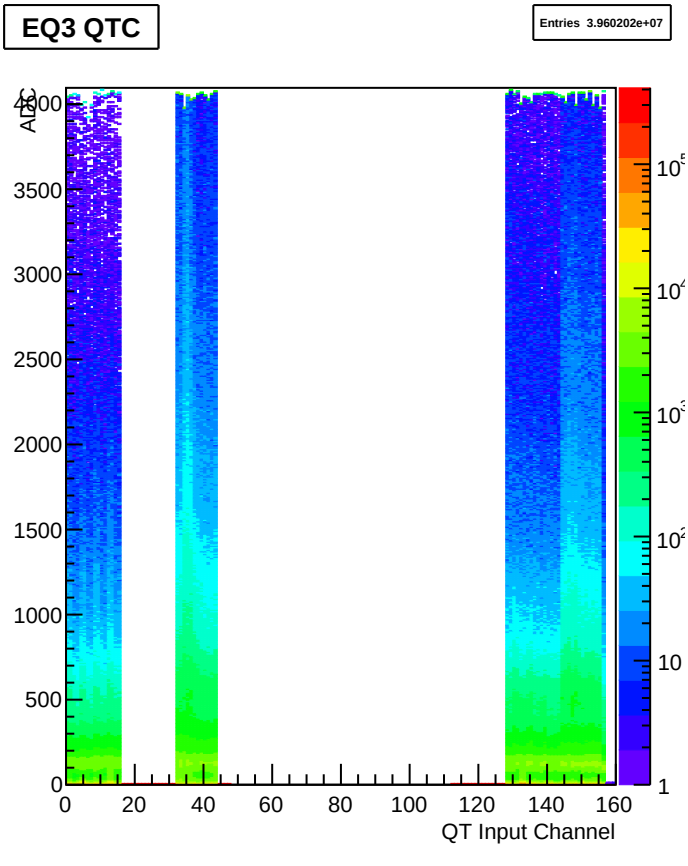

EQ2 QTB
Entries 3.864792e+07
TDC
QT Input Channel

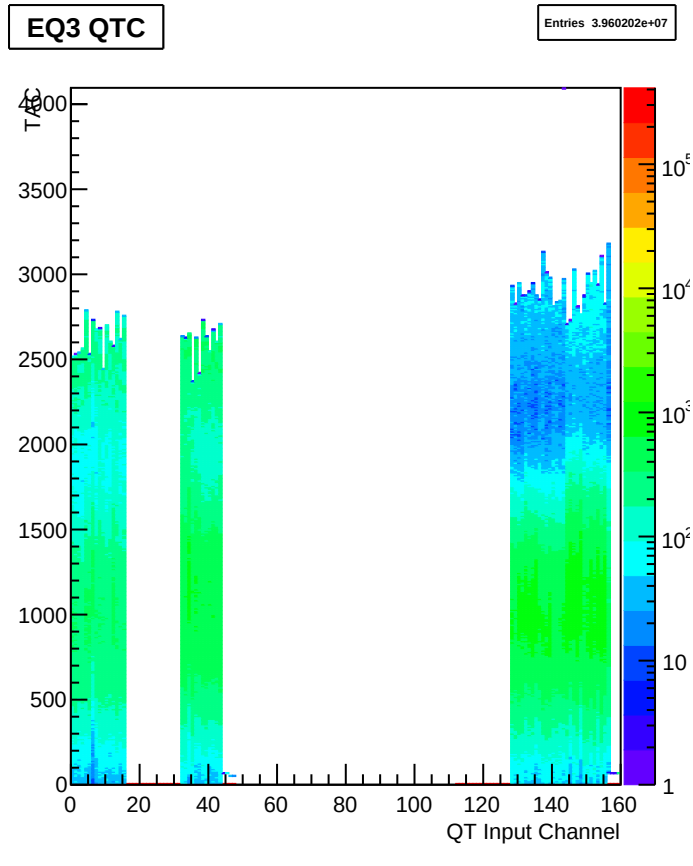

EQ2 QTC
Entries 3.960202e+07
ADC
QT Input Channel

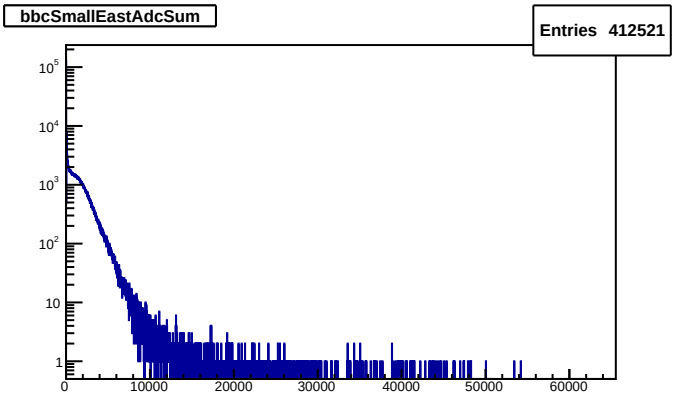

EQ2 QTC
Entries 3.960202e+07
TADC
QT Input Channel

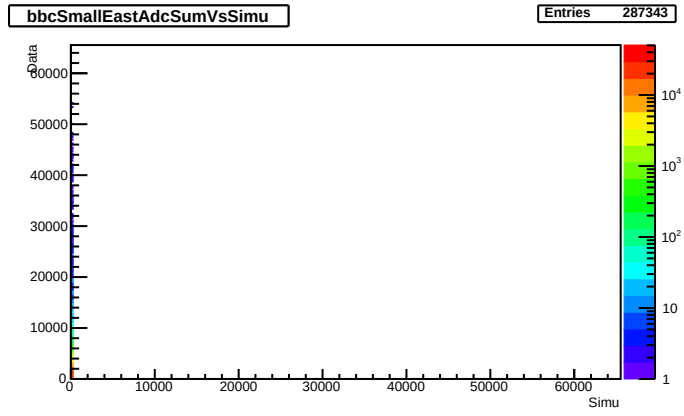

EQ3 QTB
Entries 1.056054e+08
ADC
QT Input Channel

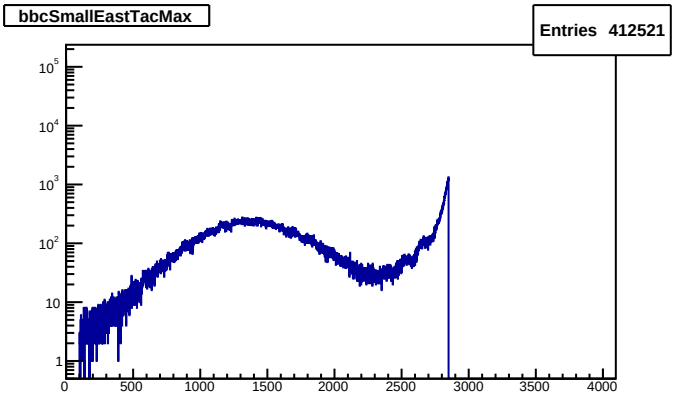

EQ3 QTB
Entries 3.16212e+07
TDC
QT Input Channel

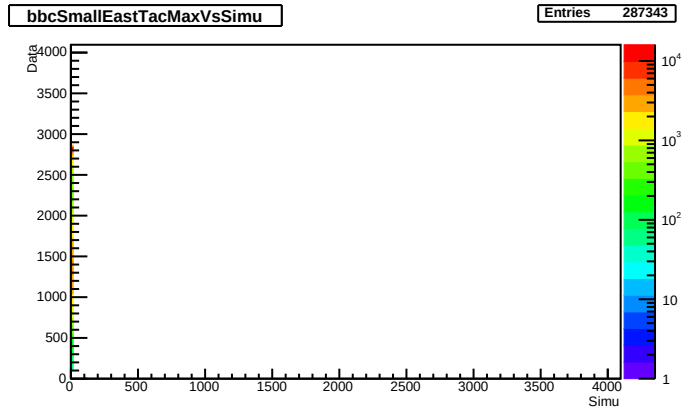

EQ3 QTC
Entries 3.960202e+07
ADC
QT Input Channel

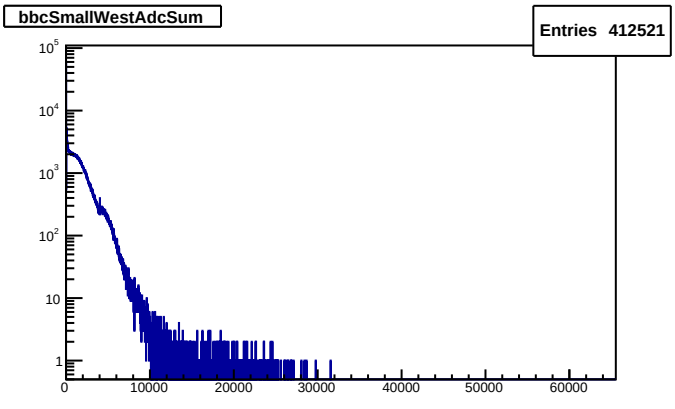

EQ3 QTC
Entries 3.960202e+07
TADC
QT Input Channel

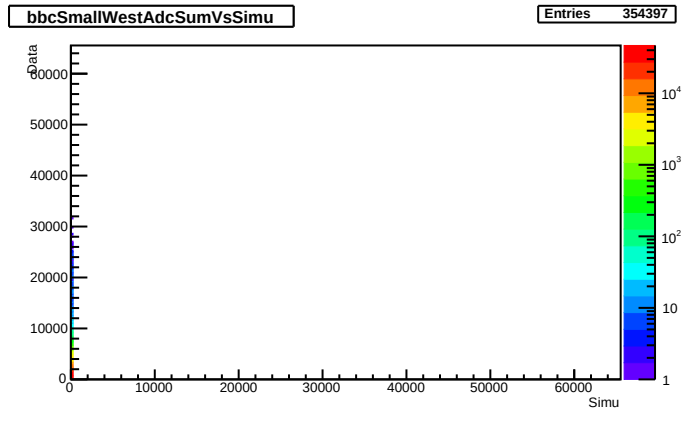

bbcSmallEastAdcSum
Entries 412521

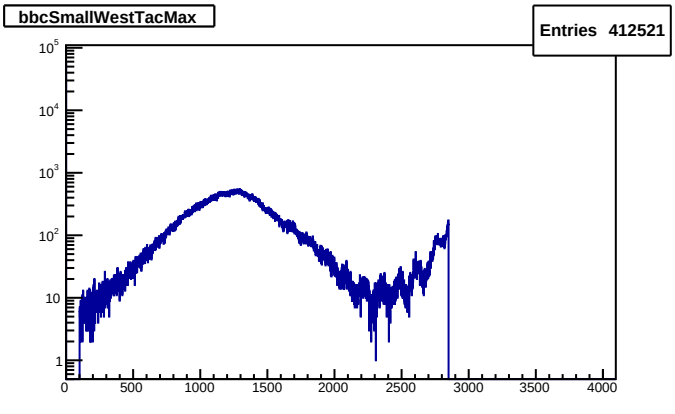

bbcSmallEastAdcSumVsSimu
Entries 287343
Data
Simu


bbcSmallEastTacMax
Entries 412521


bbcSmallEastTacMaxVsSimu
Entries 287343
Data
Simu


bbcSmallWestAdcSum
Entries 412521


bbcSmallWestAdcSumVsSimu
Entries 354397
Data
Simu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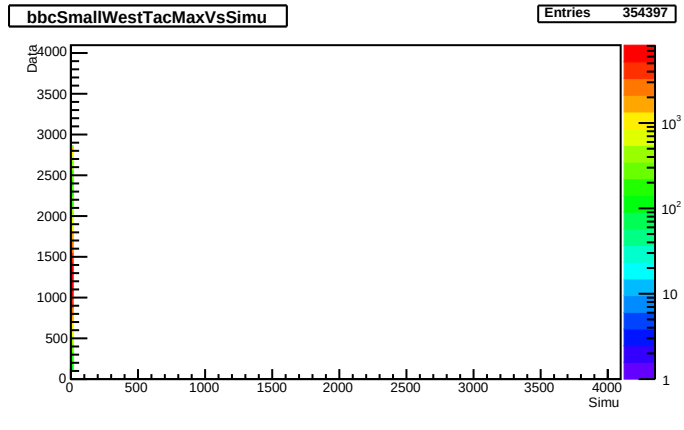
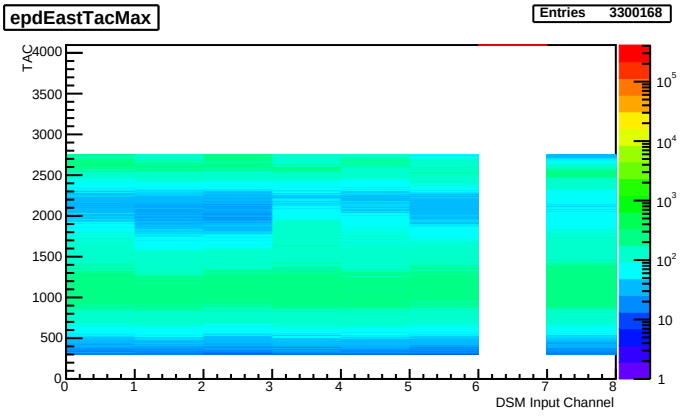
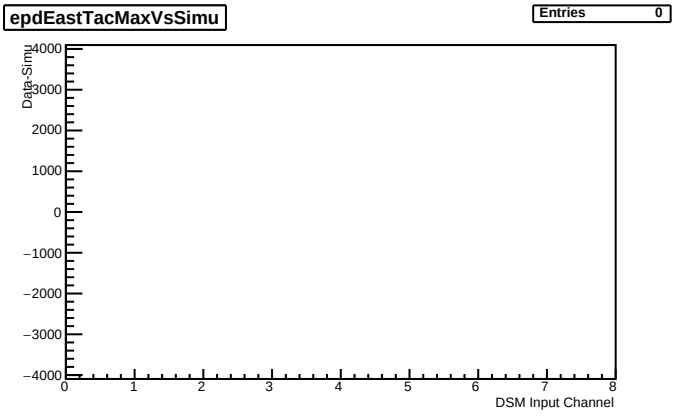
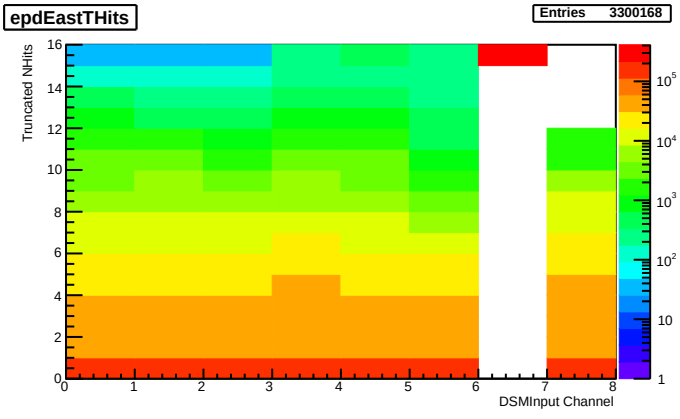
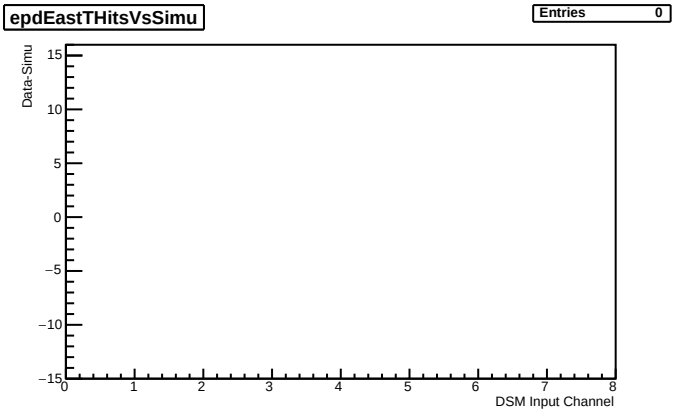
Entries 412521


bbcSmallWestTacMaxVsSimu
Entries 354397
Data
Simu


epdEastTacMax
Entries 3300168
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3300168
Truncated NHits
DSMInput Channel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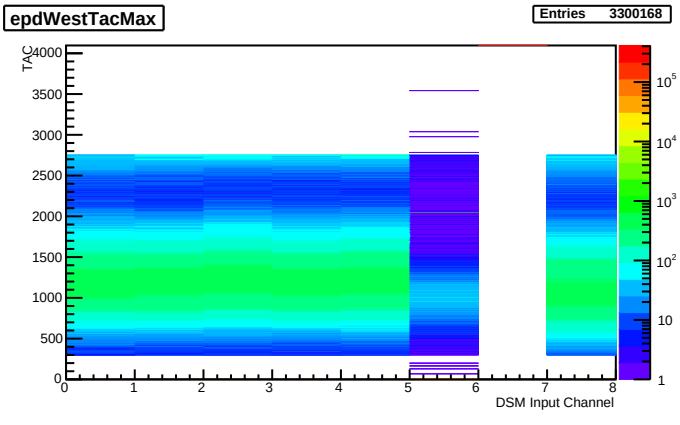
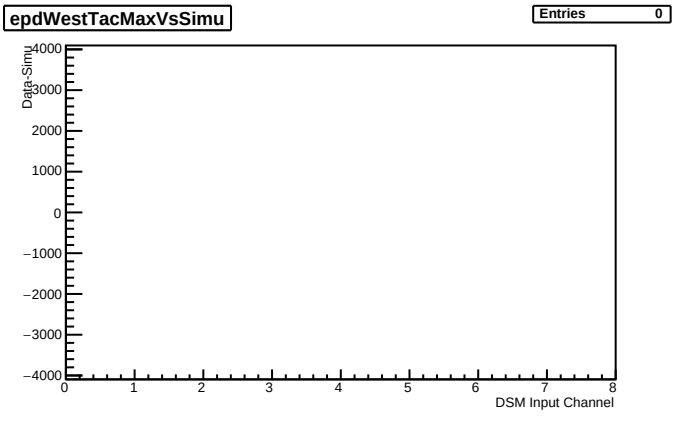
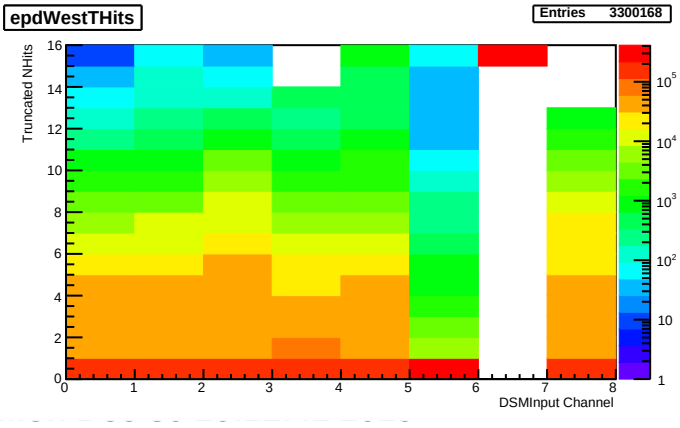
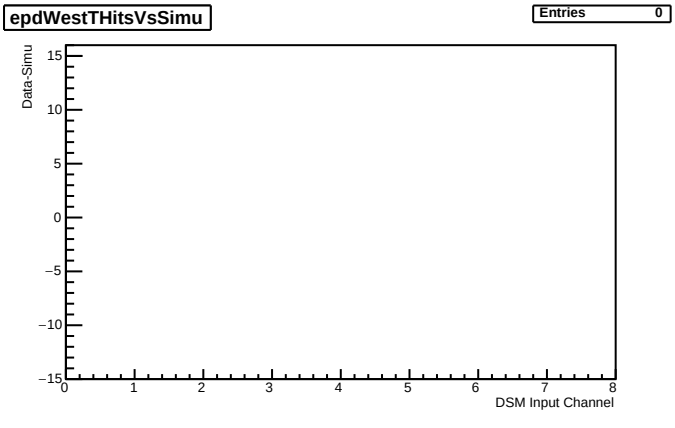
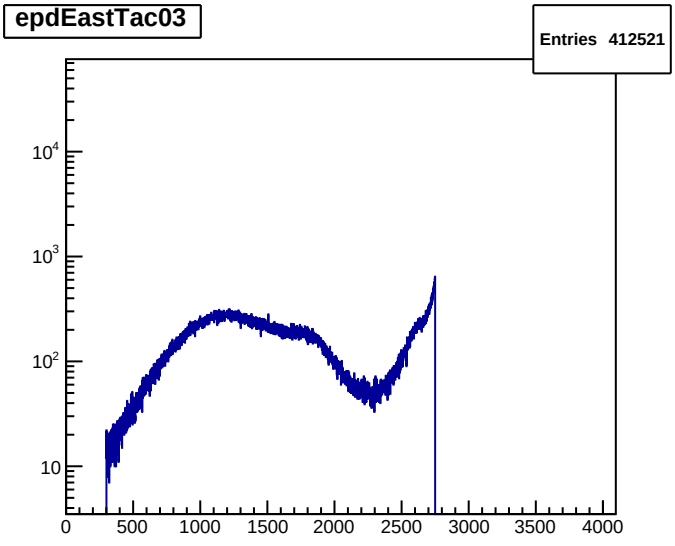
Entries 0
Data-Simu
DSM Input Channel

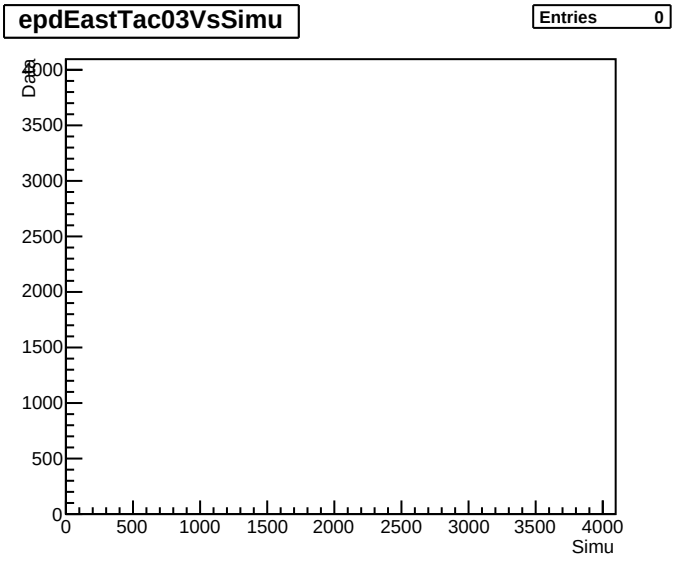

epdWestTacMax
Entries 3300168
TAC
DSM Input Channel

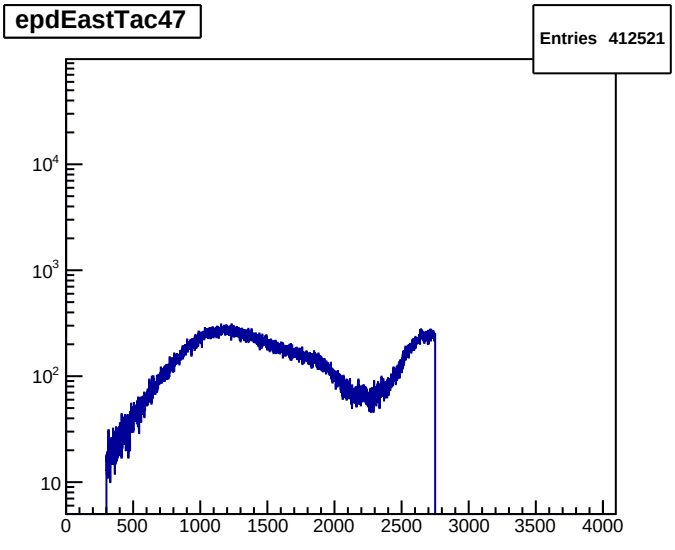

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

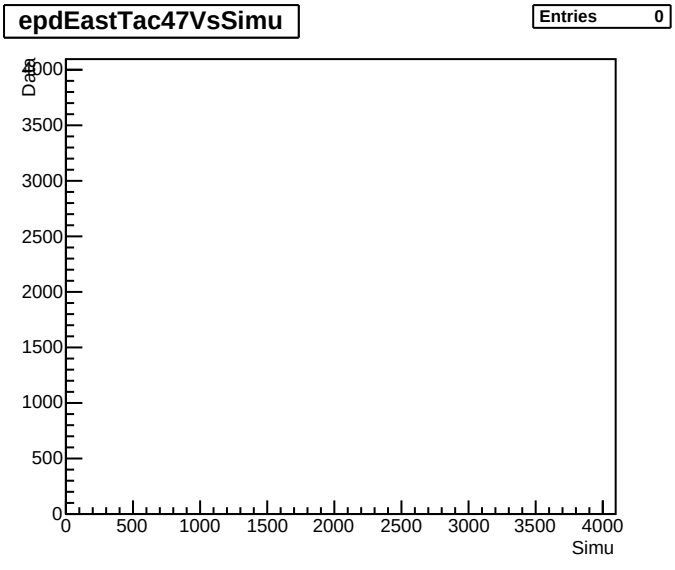

epdWestTHits
Entries 3300168
Truncated NHits
DSMInput Channel

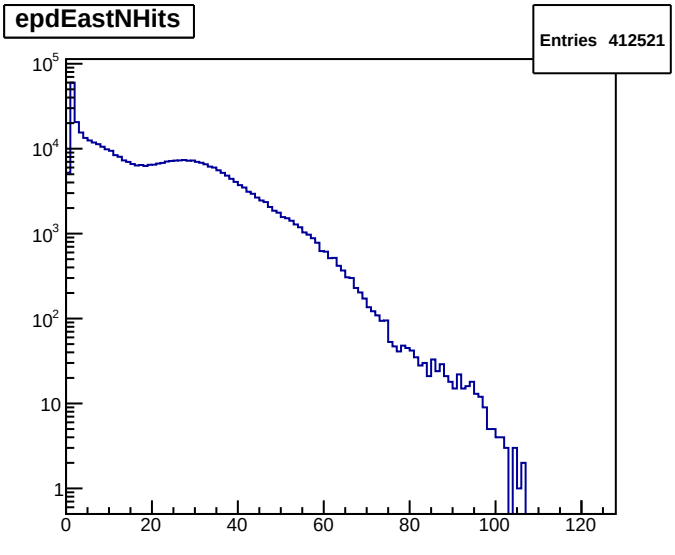

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

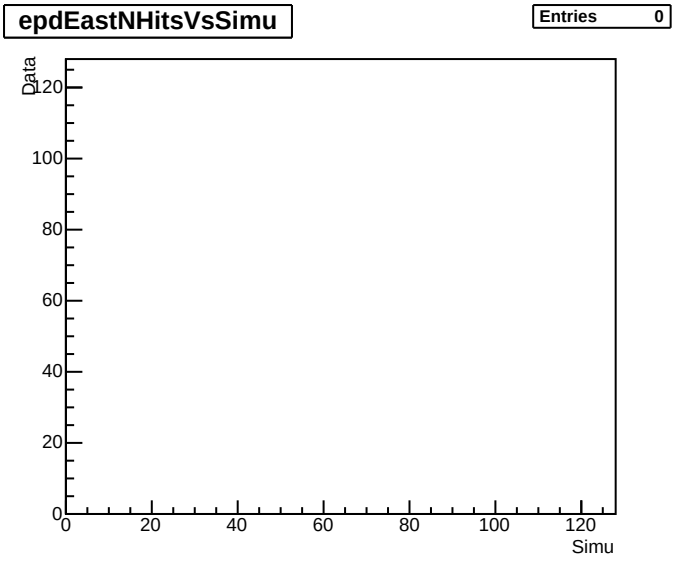

epdEastTac03
Entries 412521


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 412521


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 412521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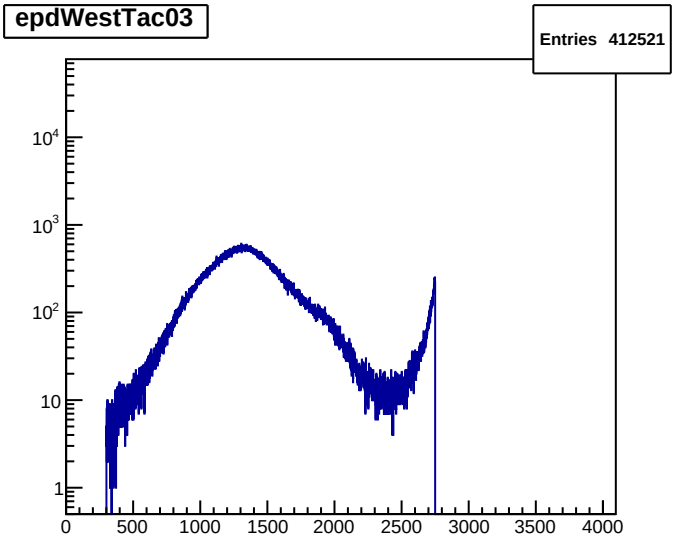
Entries 0
Data
Simu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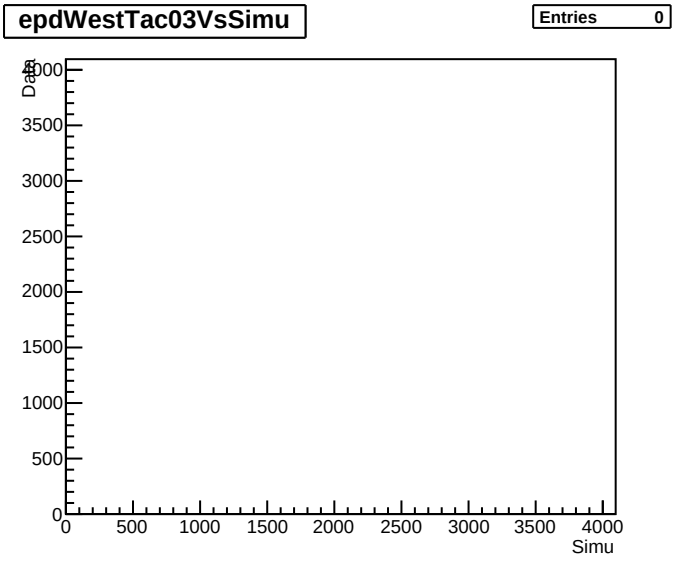
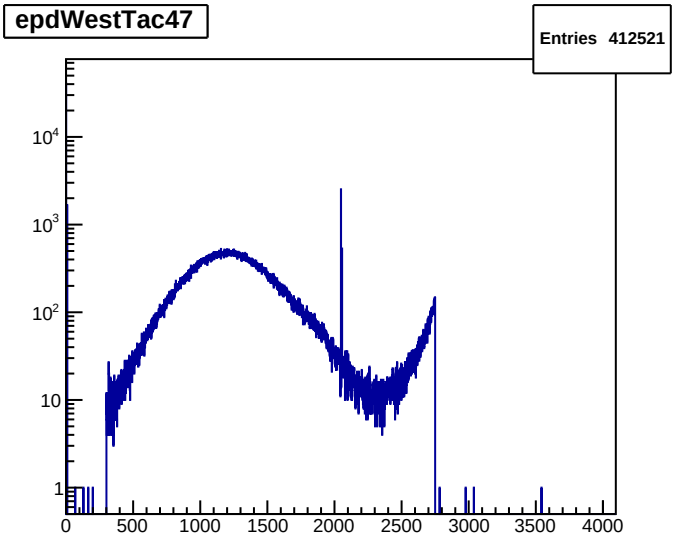
Entries 412521


epdWestTac03VsSimu
Entries 0
Data
Simu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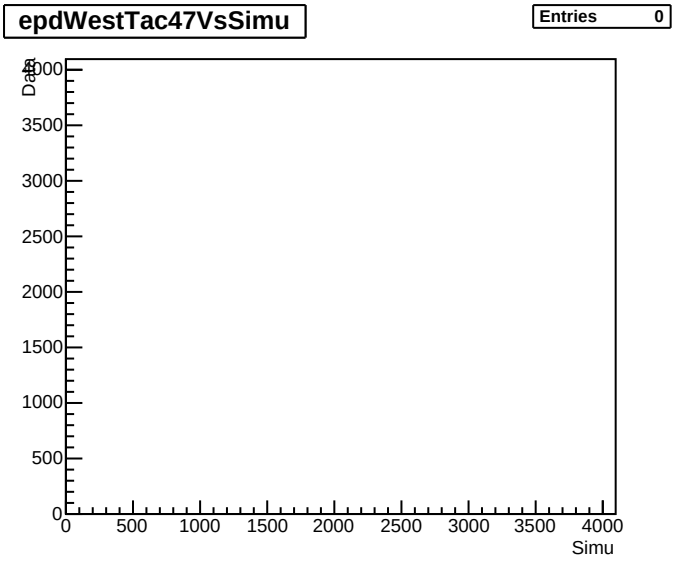
Entries 412521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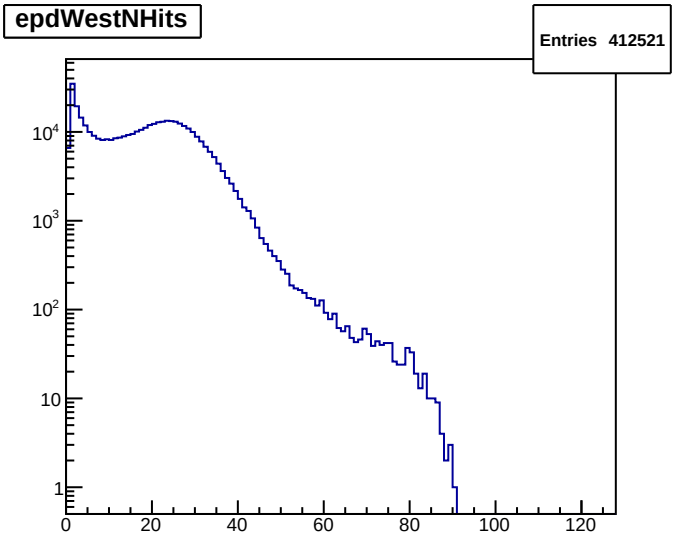
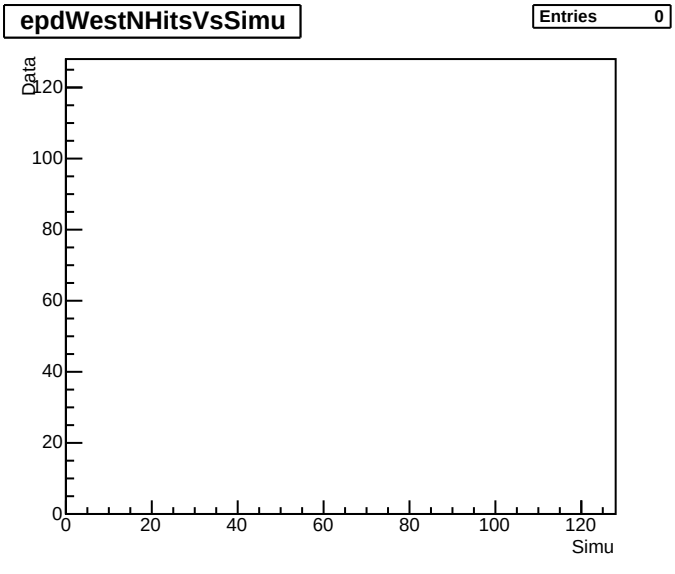
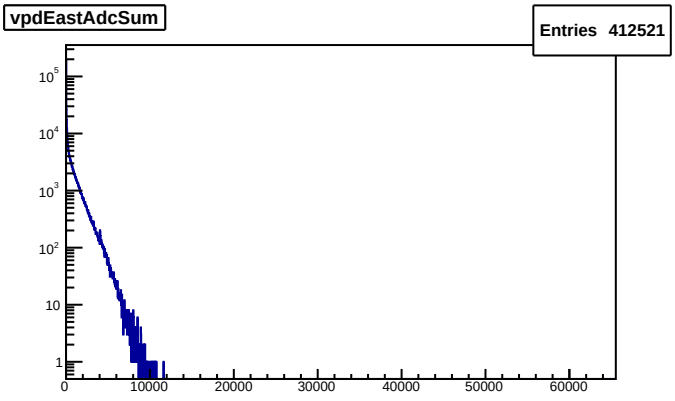
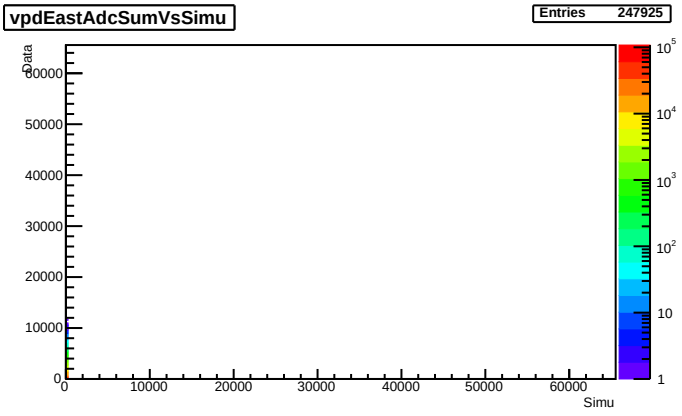
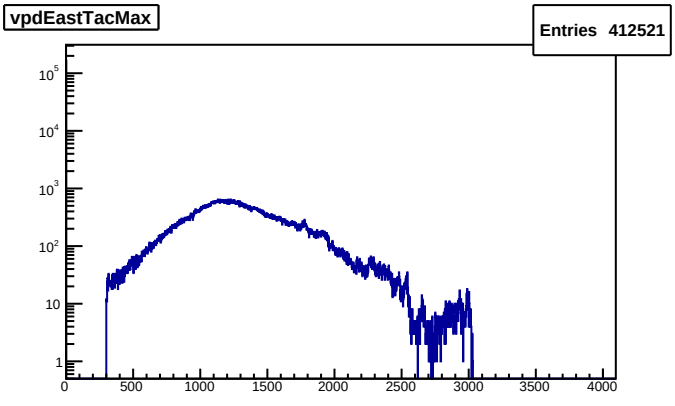
Entries 0
Data
Simu

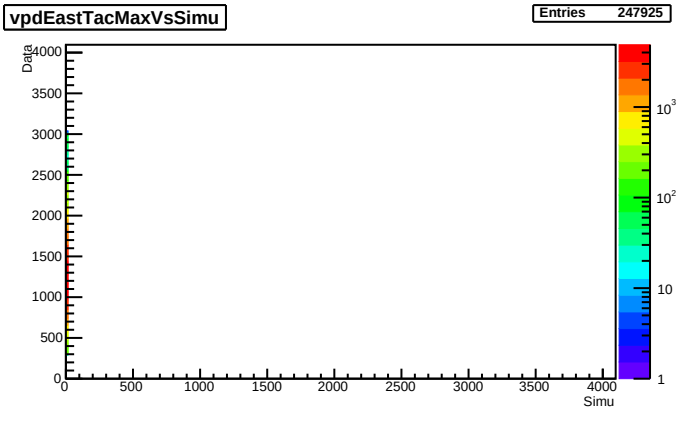

epdWestNHits
Entries 412521

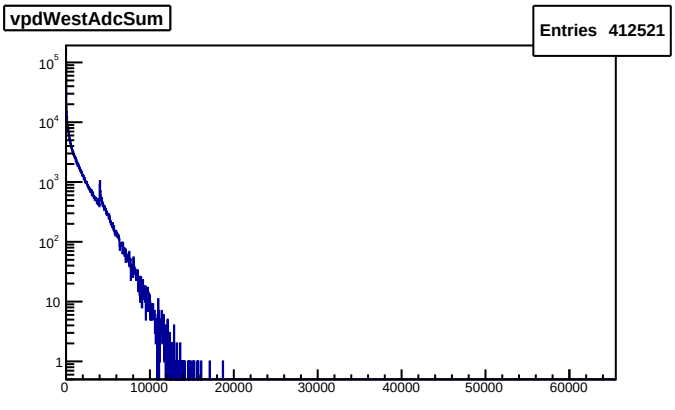

epdWestNHitsVsSimu
Entries 0
Data
Simu

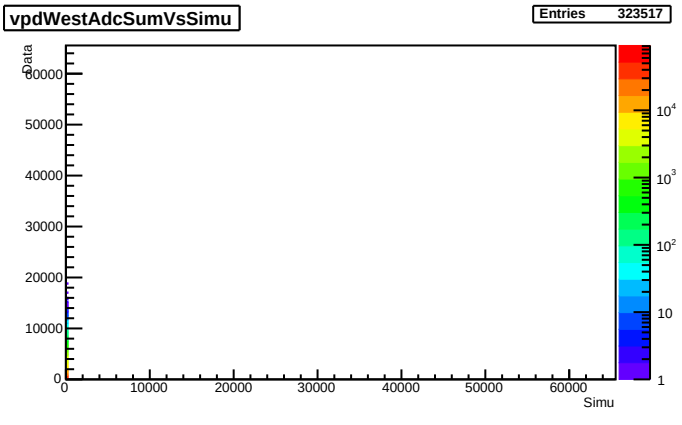

vpdEastAdcSum
Entries 412521

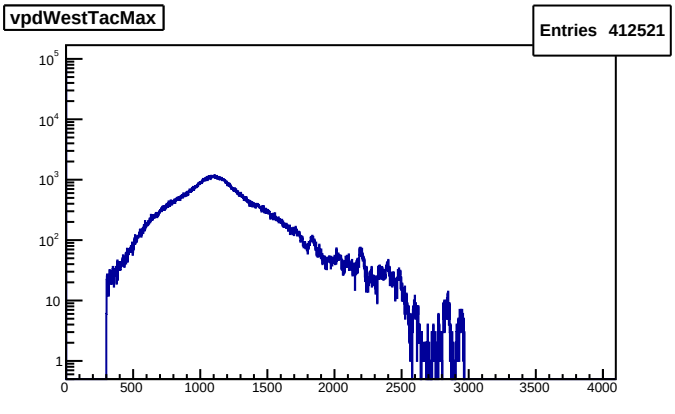

vpdEastAdcSumVsSimu
Entries 247925
Data
Simu

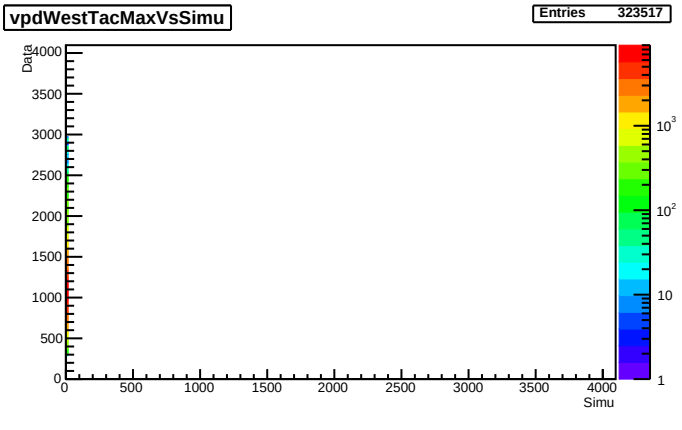

vpdEastTacMax
Entries 412521

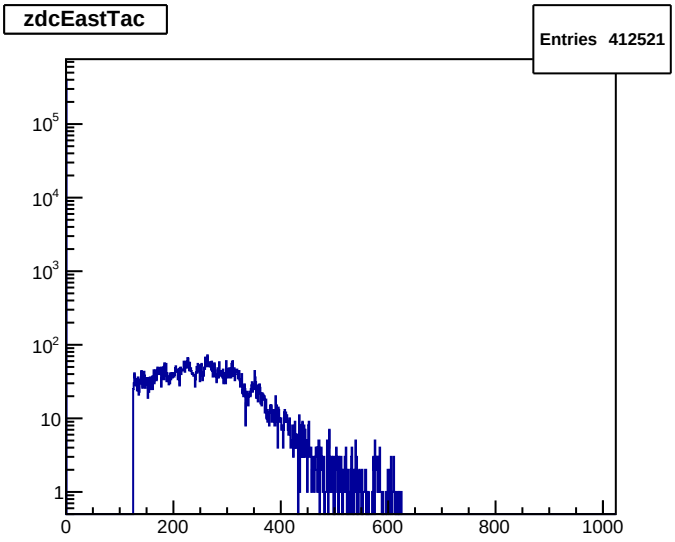

vpdEastTacMaxVsSimu
Entries 247925
Data
Simu

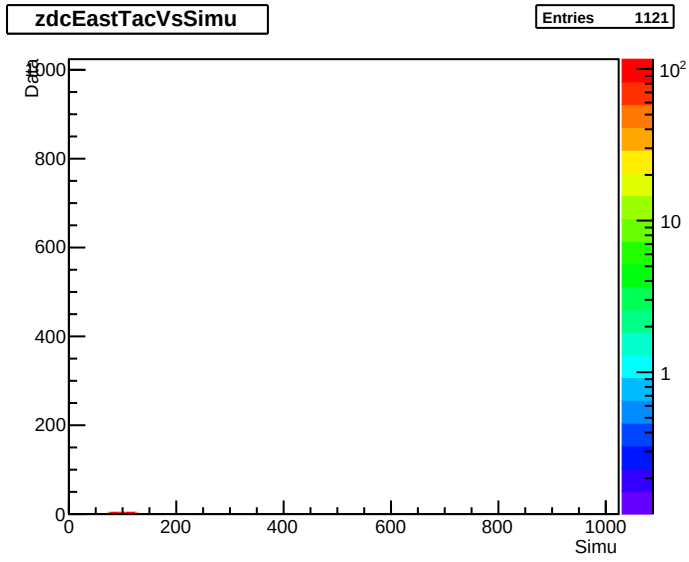

vpdWestAdcSum
Entries 412521

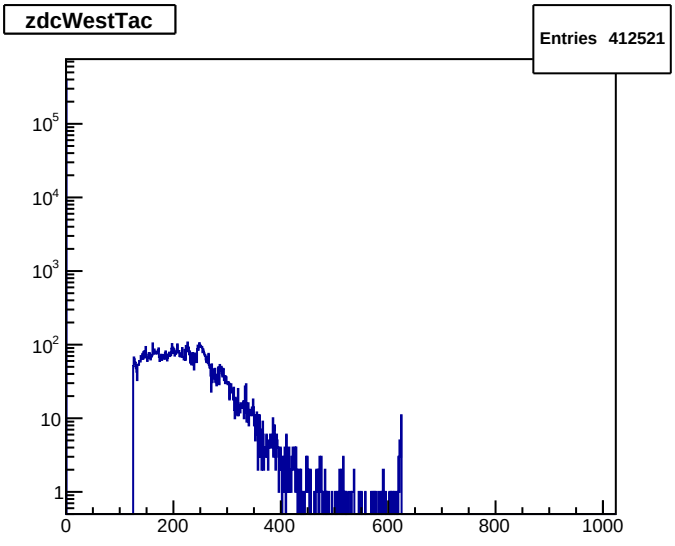

vpdWestAdcSumVsSimu
Entries 323517
Data
Simu

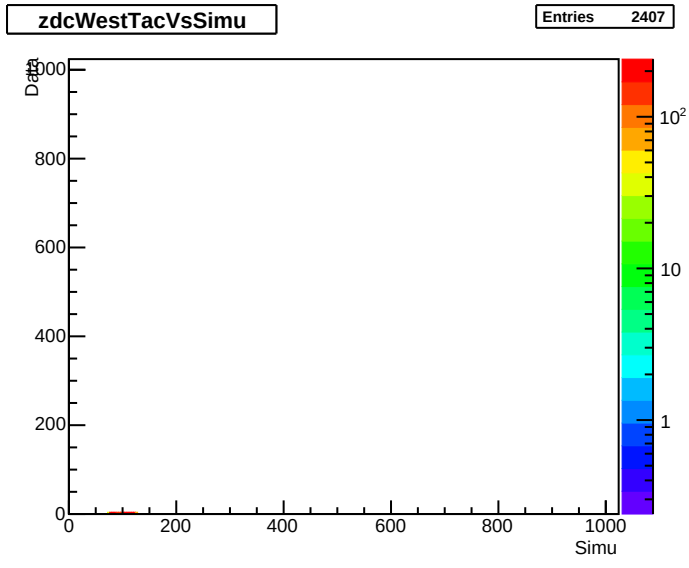

vpdWestTacMax
Entries 412521

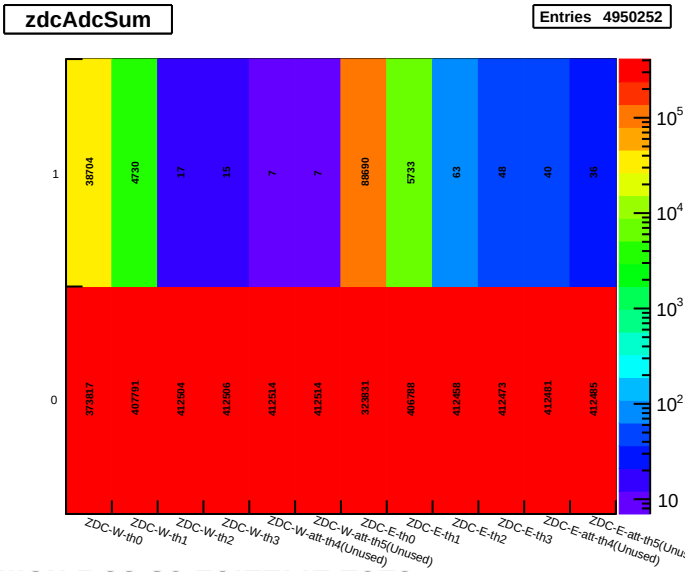

vpdWestTacMaxVsSimu
Entries 323517
Data
Simu

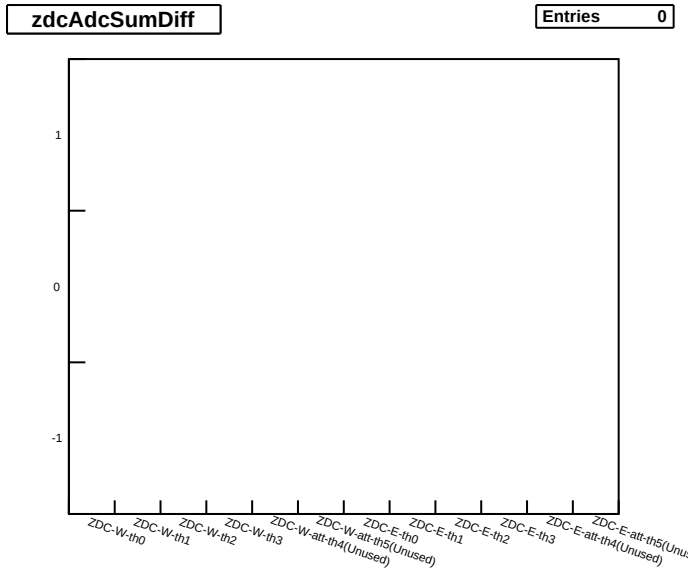

zdcEastTac
Entries 412521

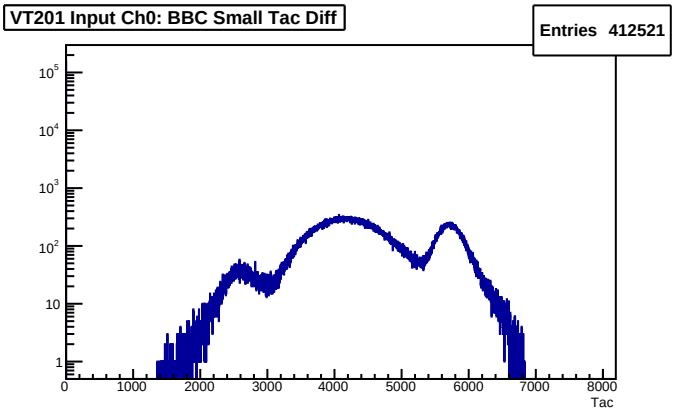

zdcEastTacVsSimu
Entries 1121
Data
Simu

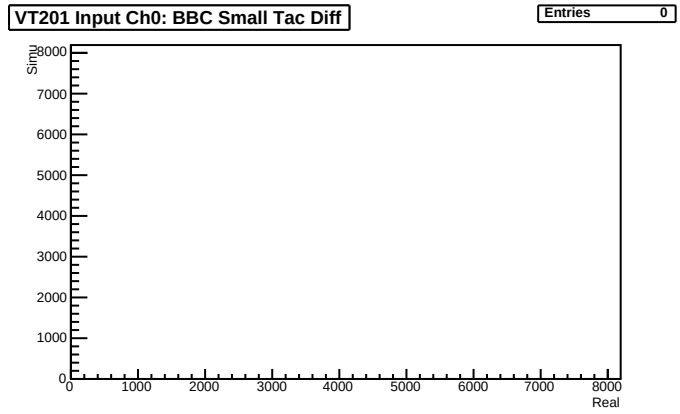

zdcWestTac
Entries 412521

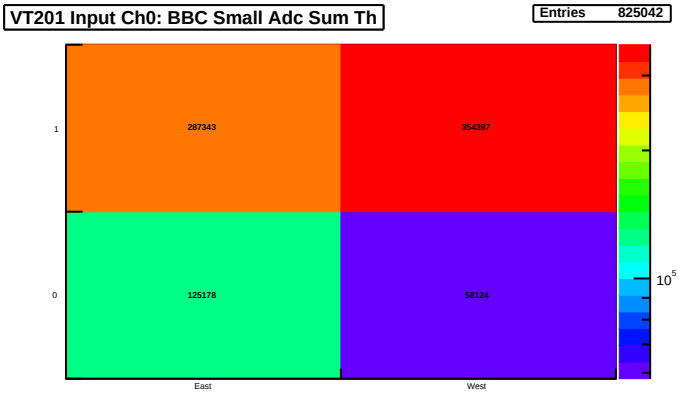

zdcWestTacVsSimu
Entries 2407
Data
Simu

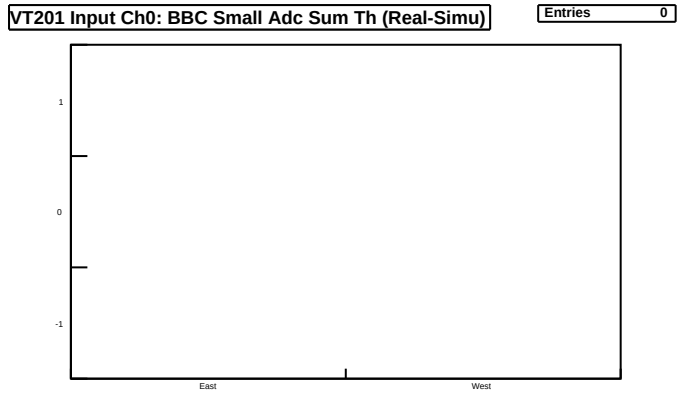

zdcAdcSum
Entries 4950252
38704
4730
17
15
7
7
88690
5733
63
48
40
36
373817
407791
412504
412506
412514
412514
323831
406788
412458
412473
412481
412485
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

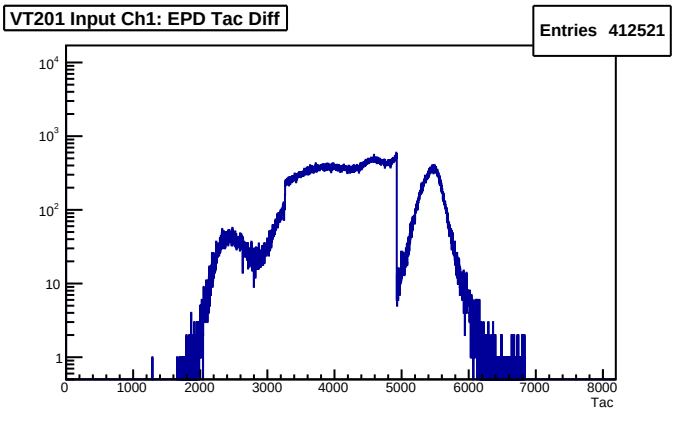

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

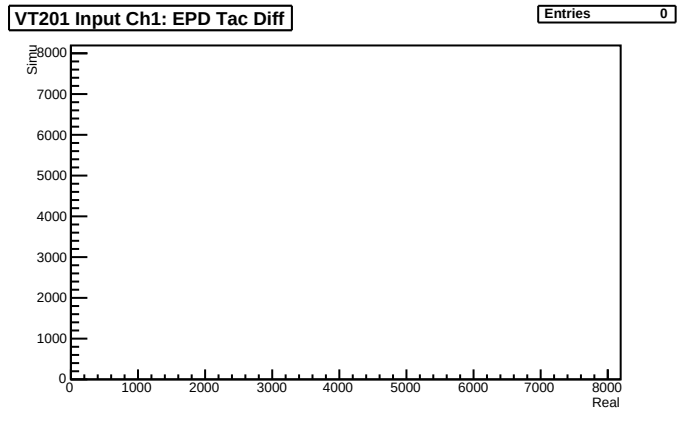

VT201 Input Ch0: BBC Small Tac Diff
Entries 412521
Tac

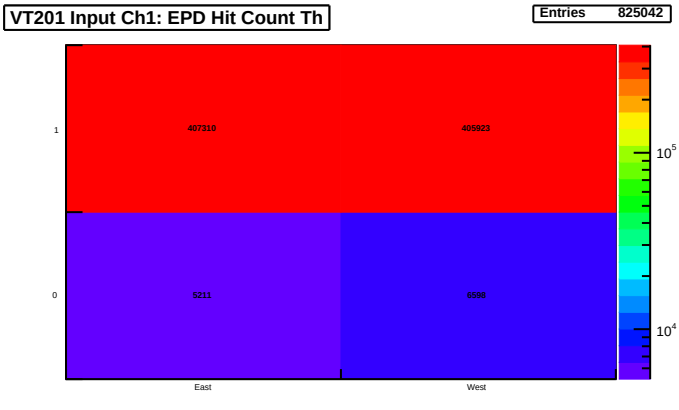

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

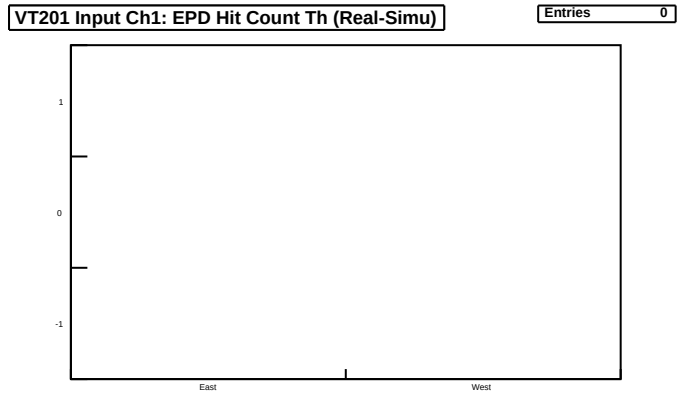

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 825042
287343
354397
125178
59124
East
West

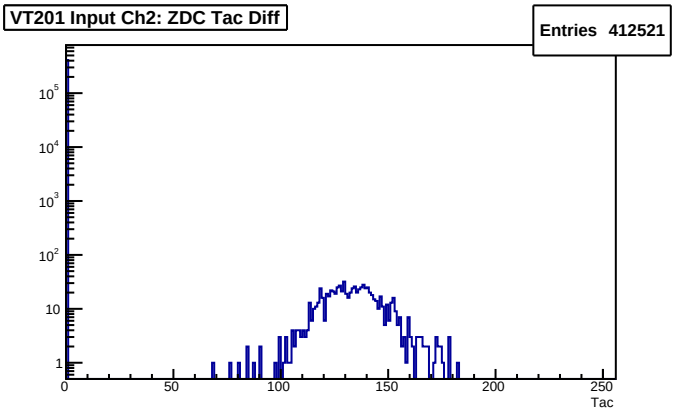

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

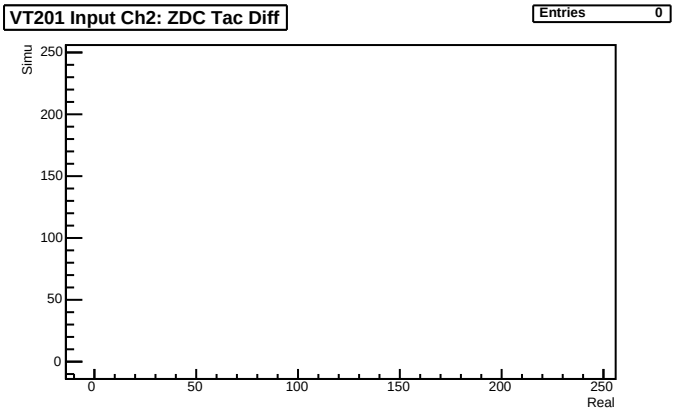

VT201 Input Ch1: EPD Tac Diff
Entries 412521
Tac

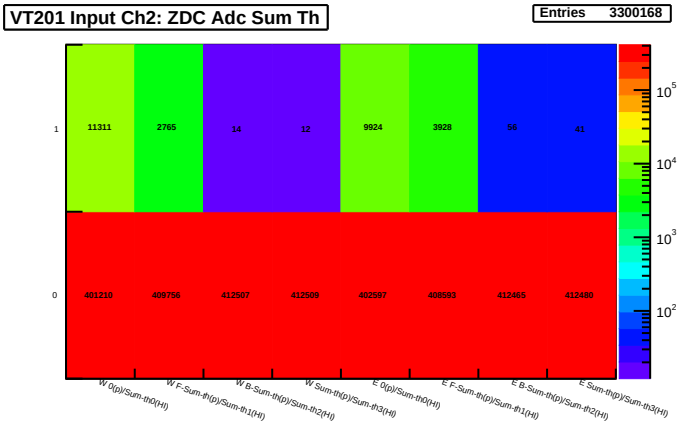

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

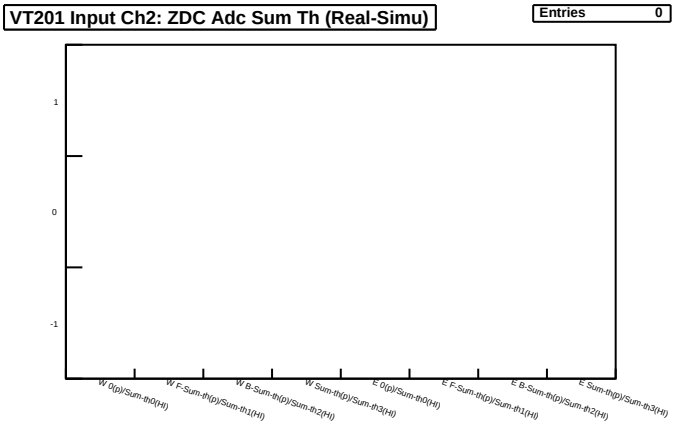

VT201 Input Ch1: EPD Hit Count Th
Entries 825042
407310
405923
5211
6598
East
West

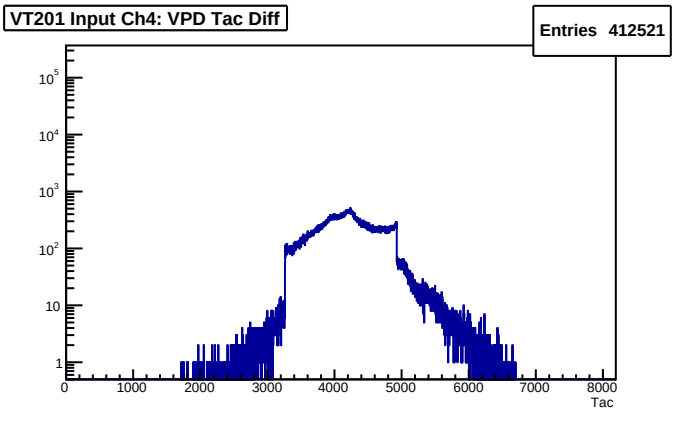

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

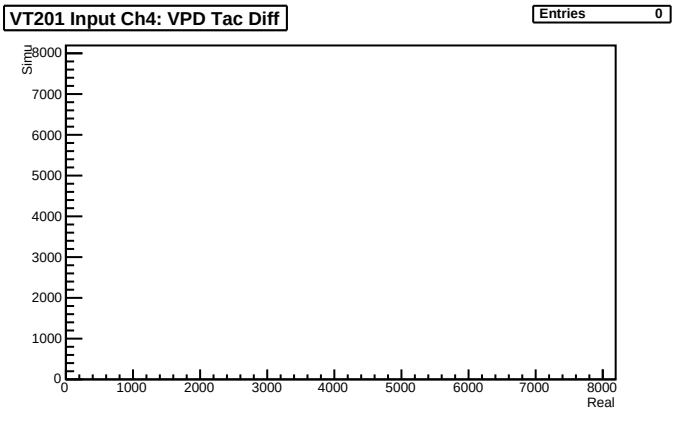

VT201 Input Ch2: ZDC Tac Diff
Entries 412521
Tac

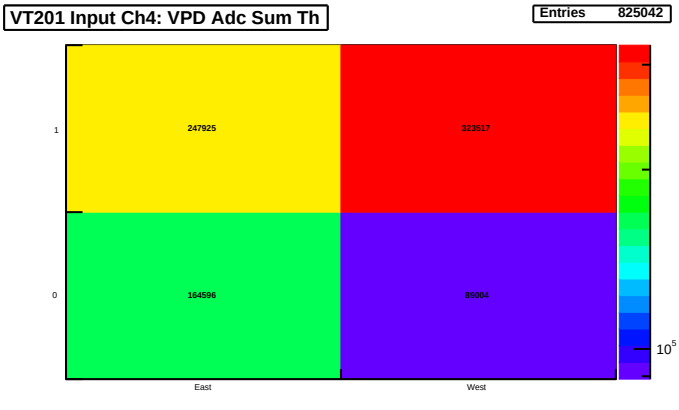

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

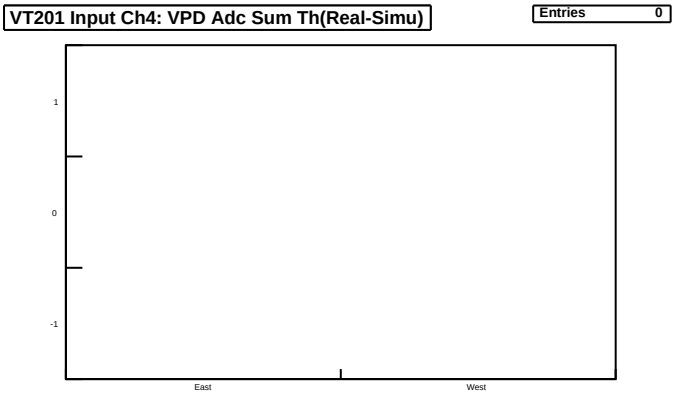

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3300168
11311
2765
14
12
9924
3928
56
41
401210
409756
412507
412509
402597
408593
412465
412480
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

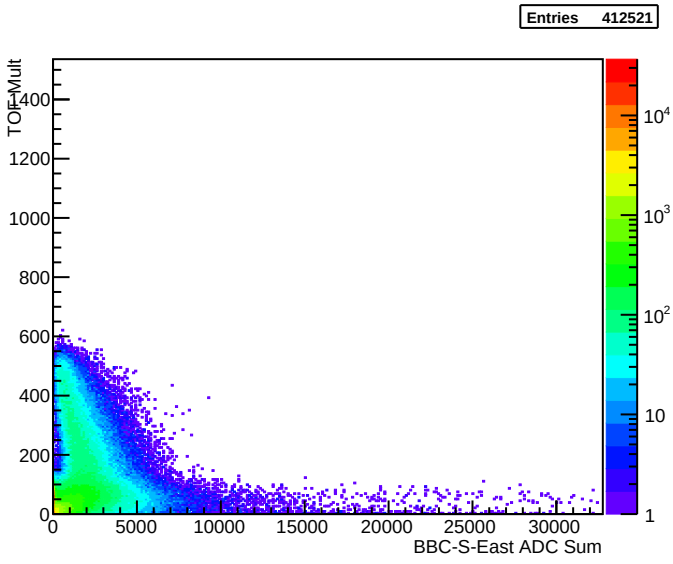

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

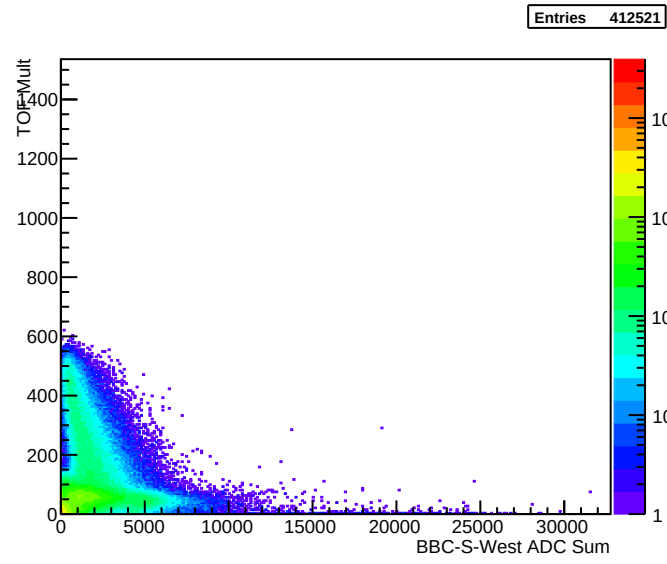

VT201 Input Ch4: VPD Tac Diff
Entries 412521
Tac

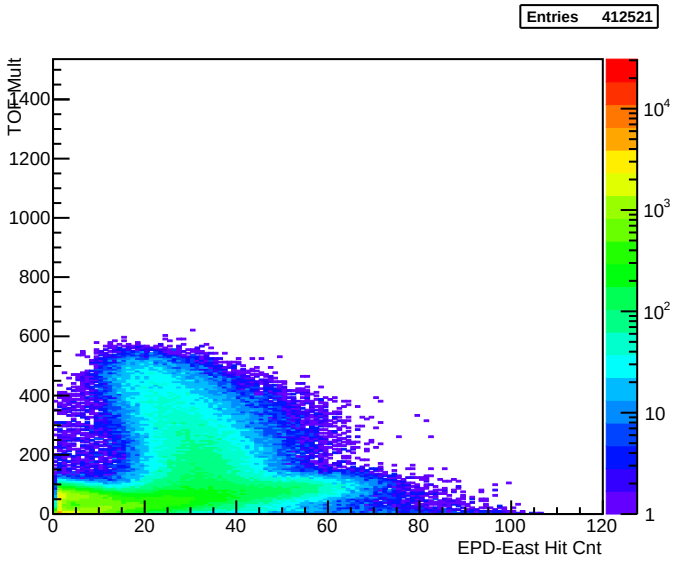

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

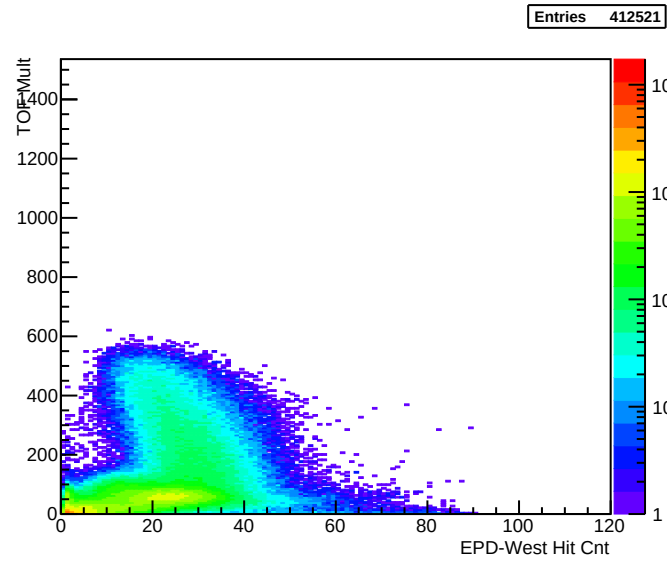

VT201 Input Ch4: VPD Adc Sum Th
Entries 825042
247925
323517
164596
89004
East
West

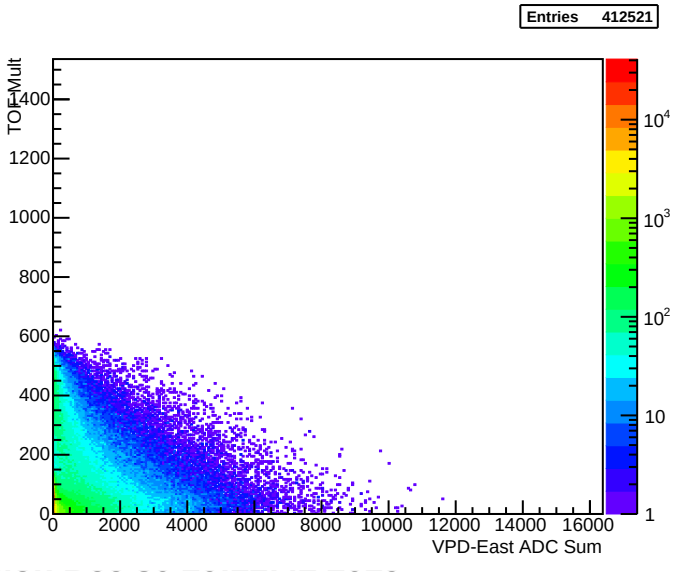

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

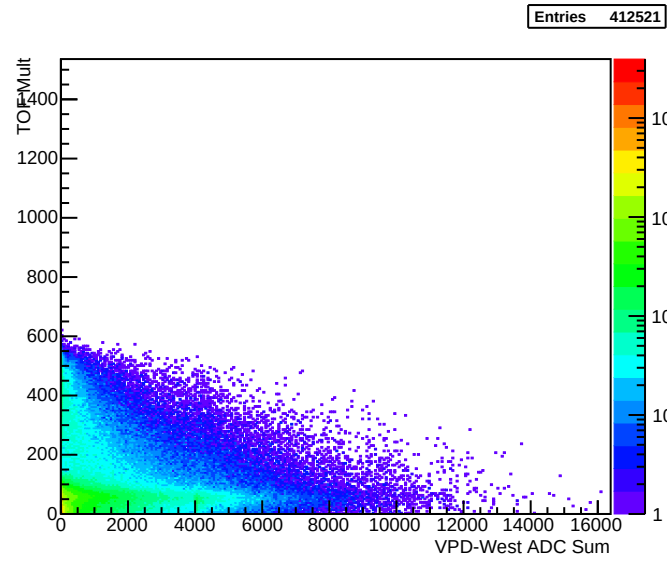

Entries 412521
TOF-Mult
BBC-S-East ADC Sum

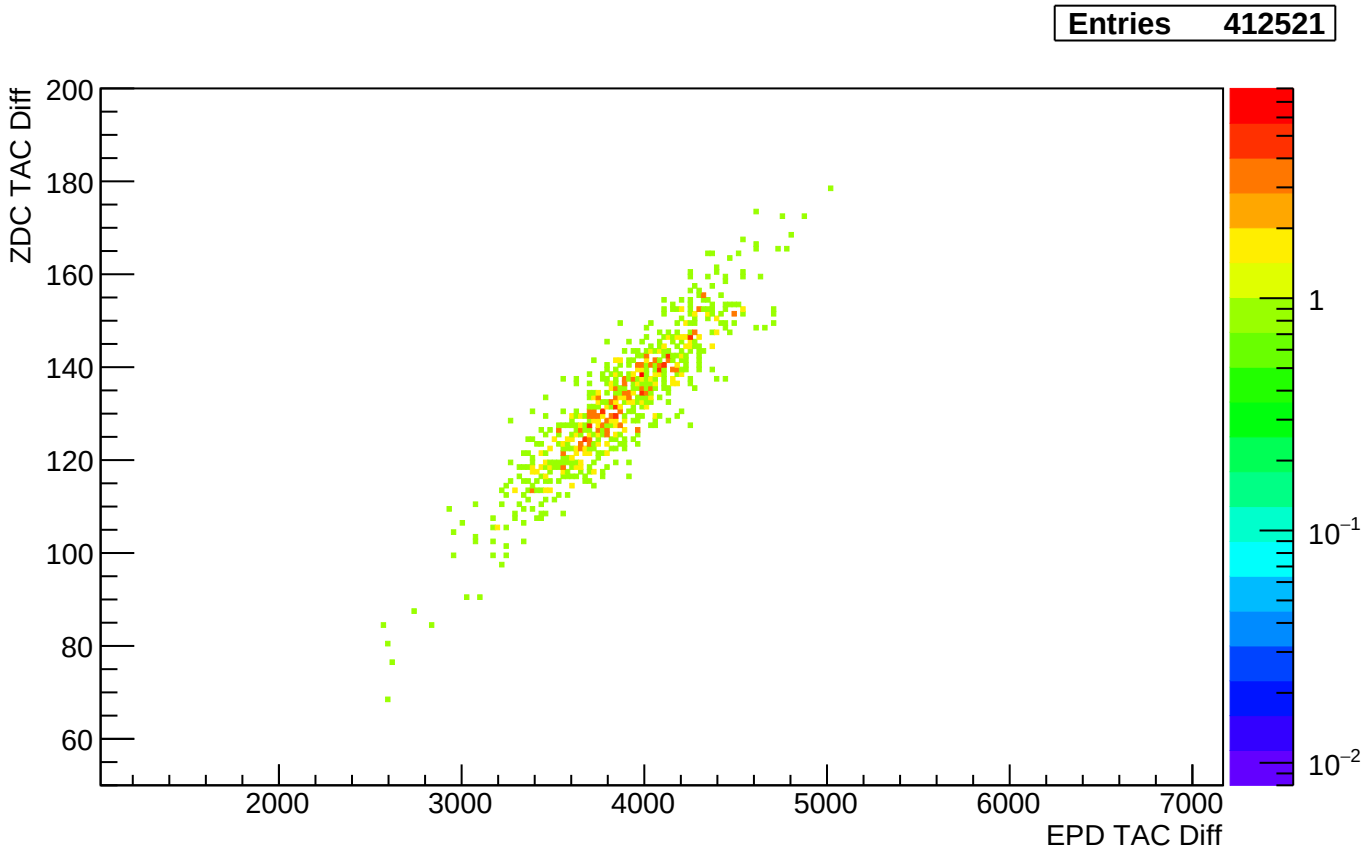

Entries 412521
TOF-Mult
BBC-S-West ADC Sum

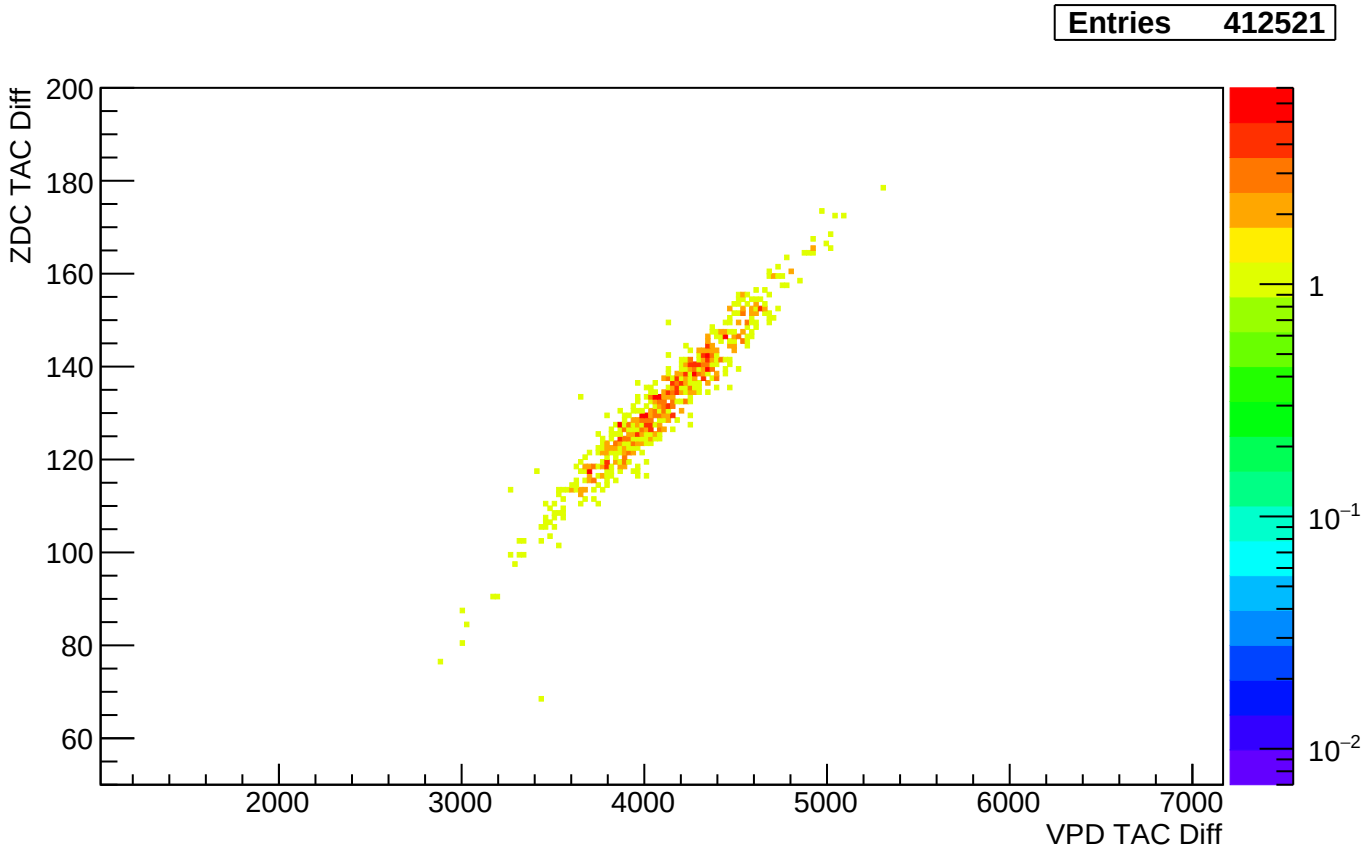

Entries 412521
TOF-Mult
EPD-East Hit Cnt

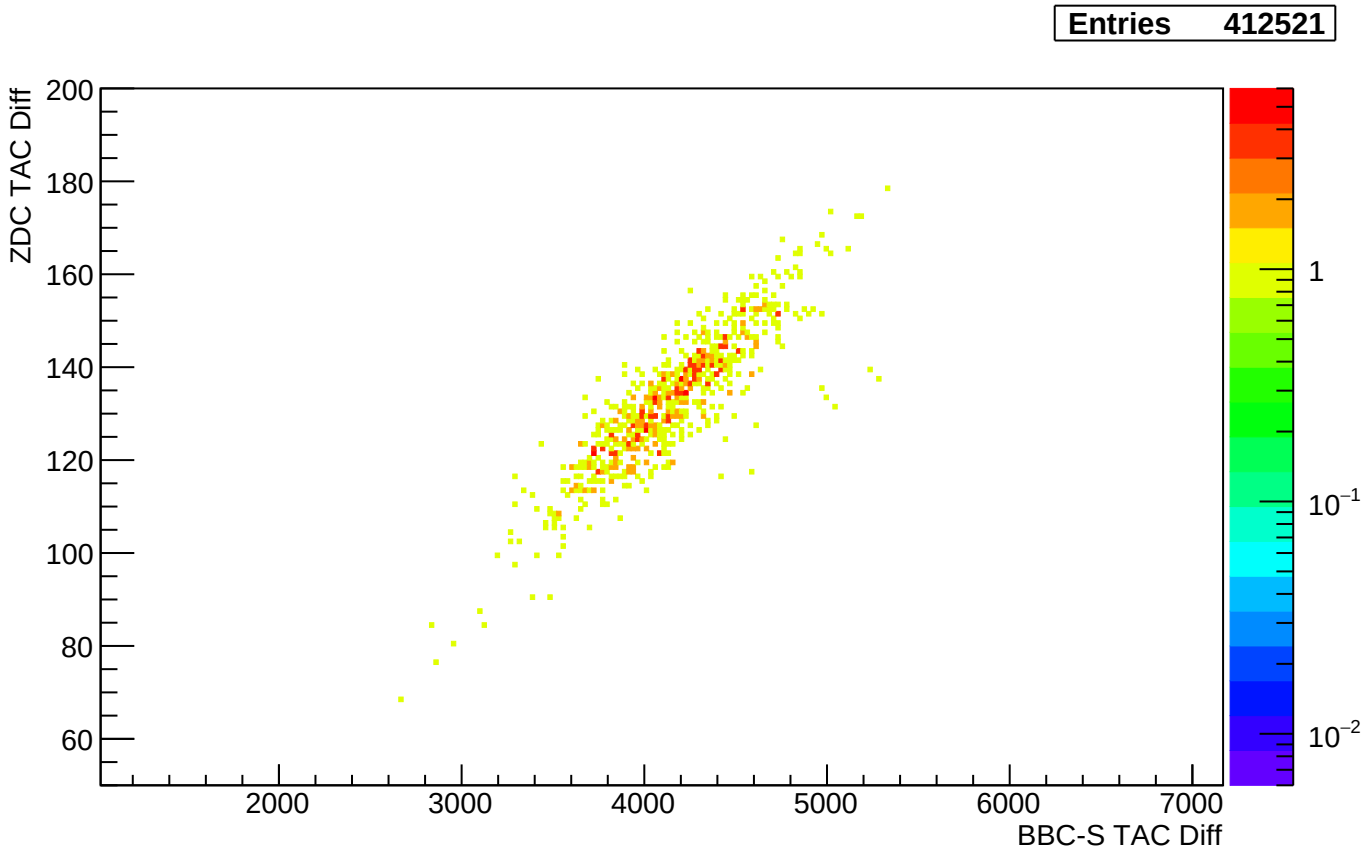

Entries 412521
TOF-Mult
EPD-West Hit Cnt

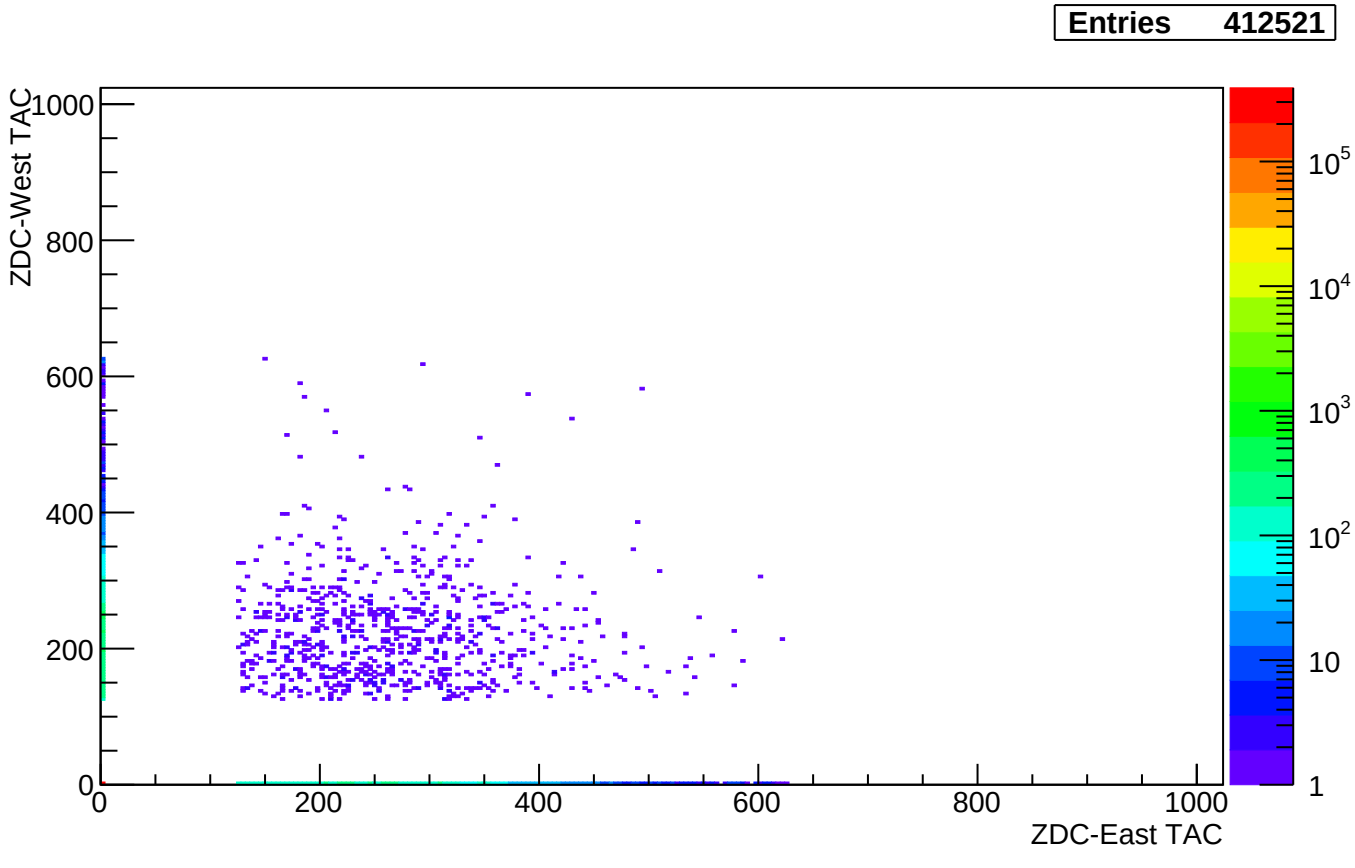

Entries 412521
TOF-Mult
VPD-East ADC Sum

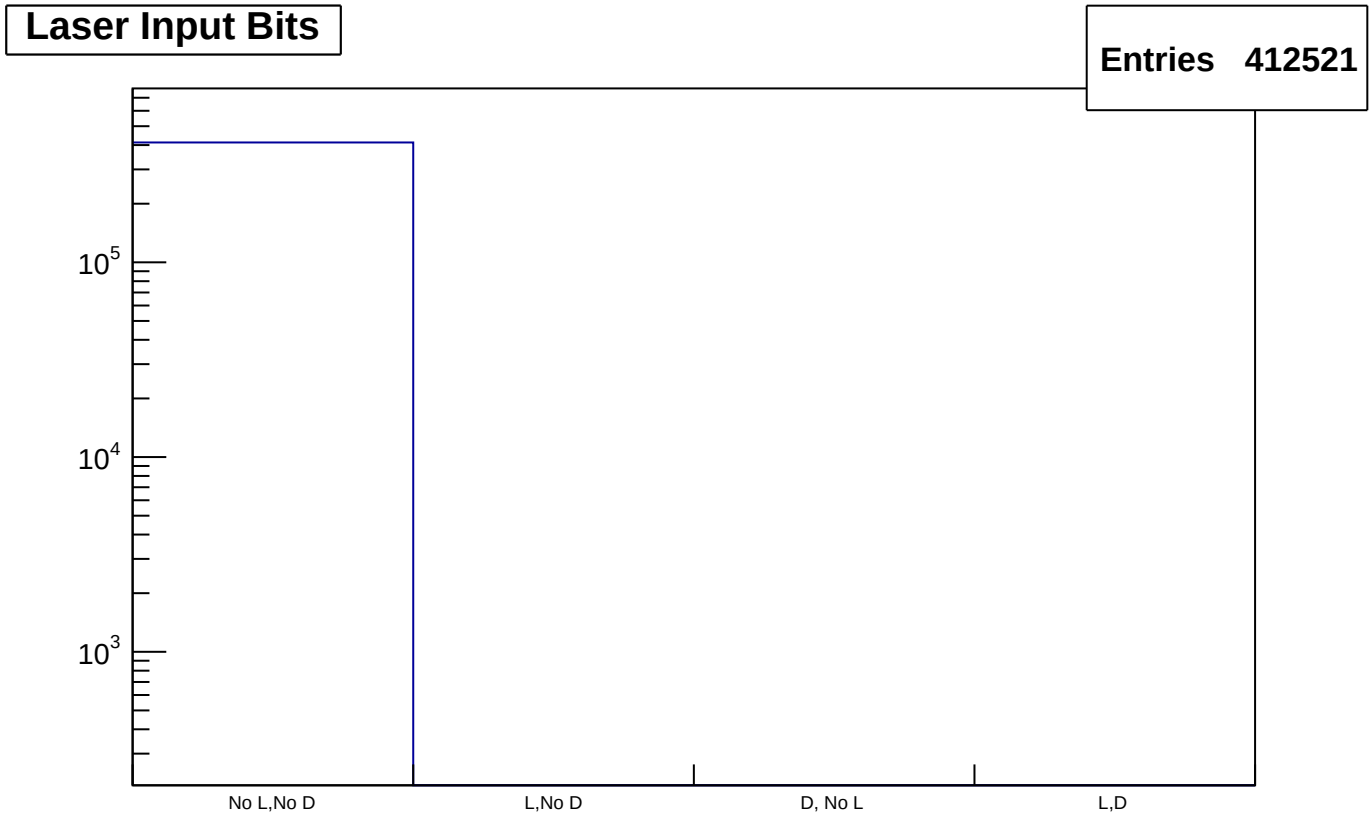

Entries 412521
TOF-Mult
VPD-West ADC Sum

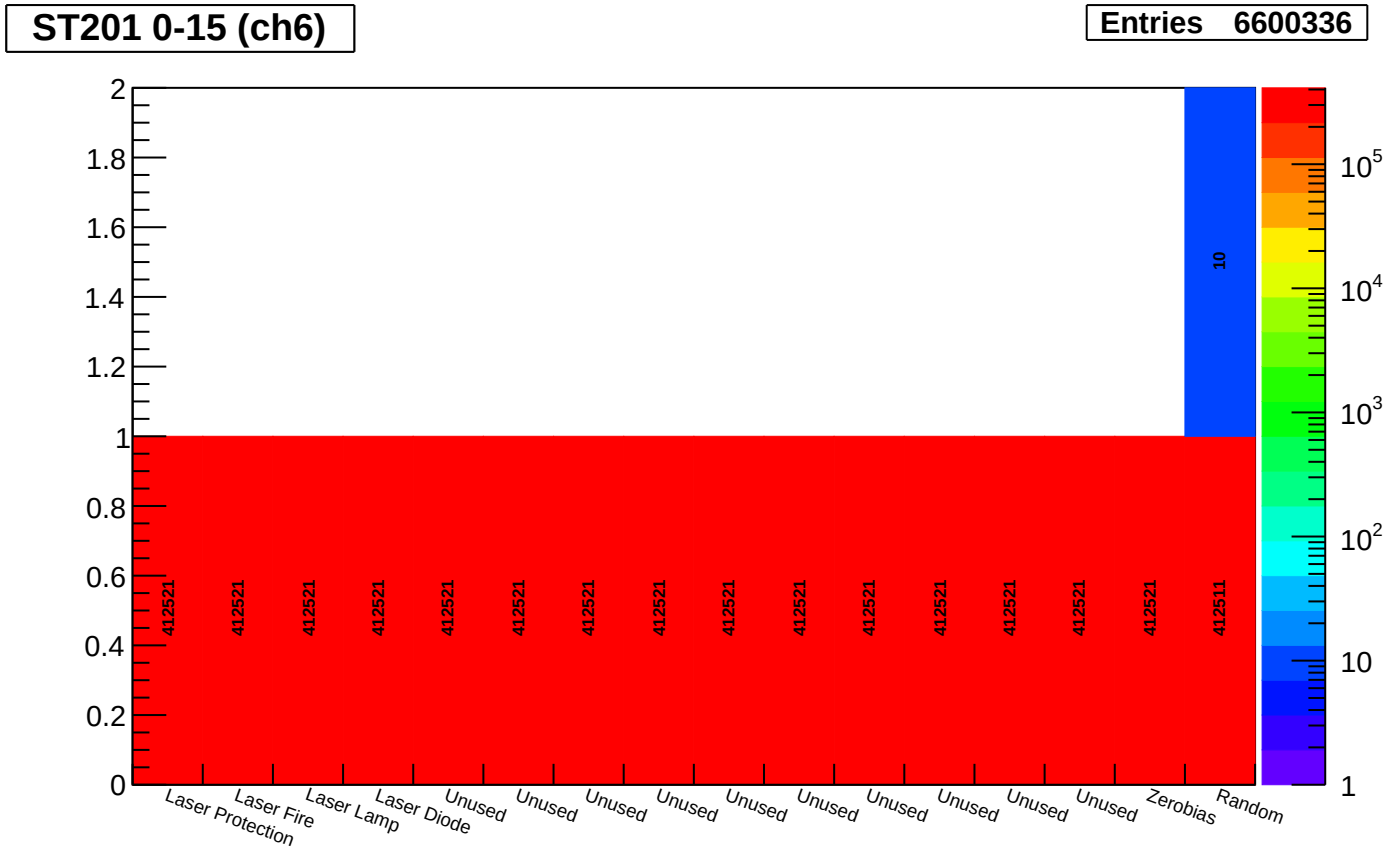

Entries 412521
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

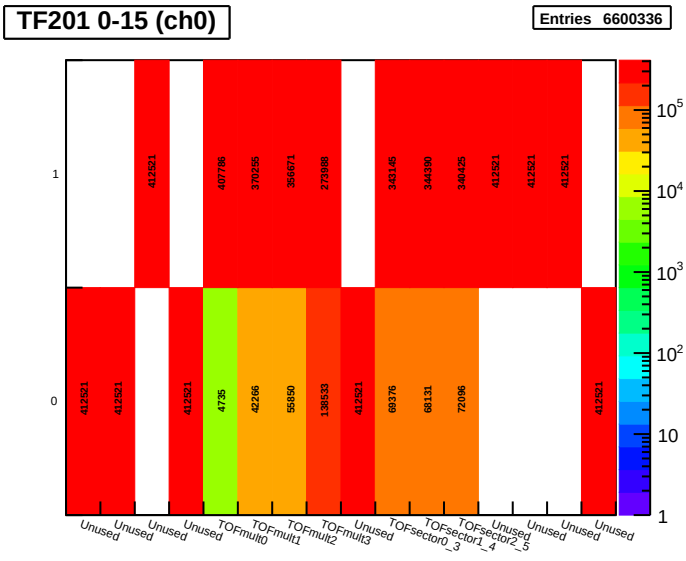

Entries 412521
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

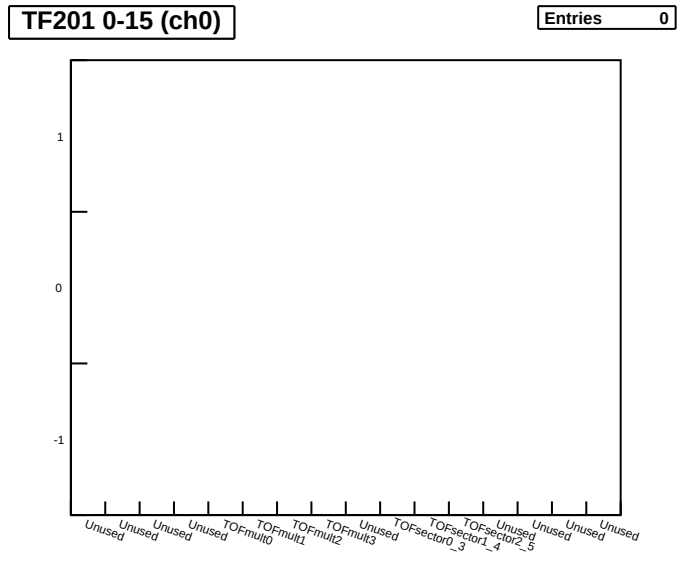

Entries 412521
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

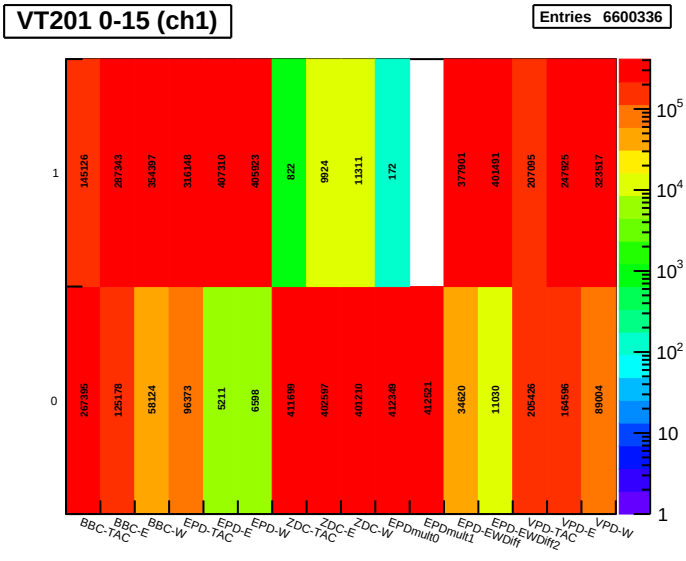

Entries 412521
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

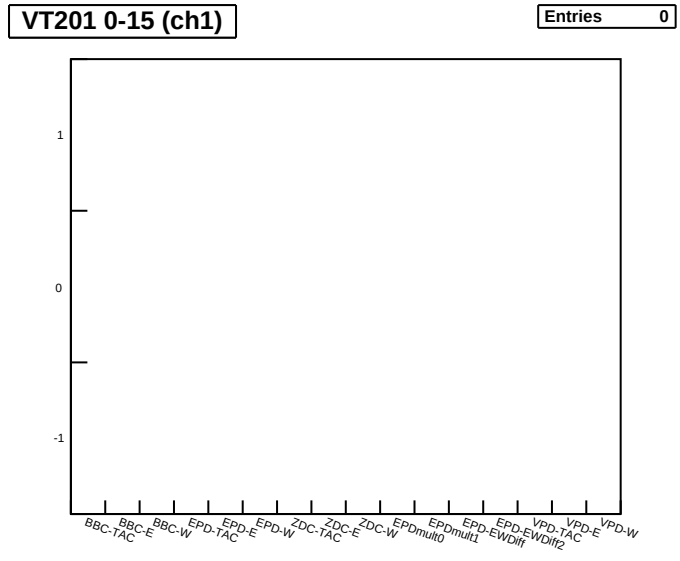

Laser Input Bits
Entries 412521
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

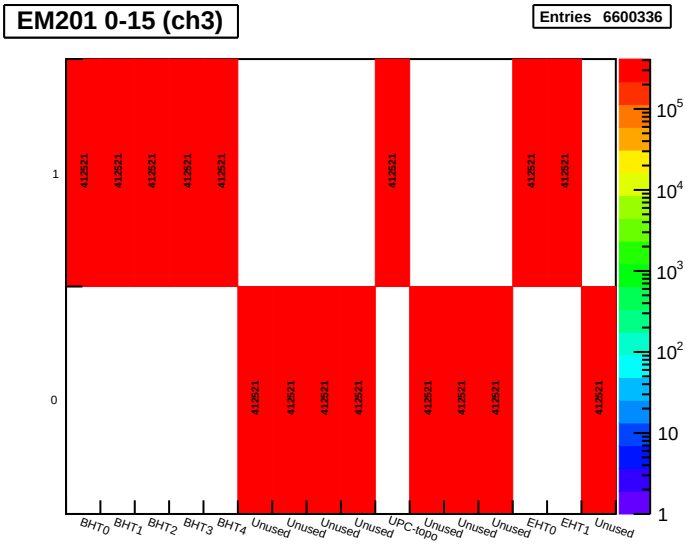

ST201 0-15 (ch6)
Entries 6600336
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
412511
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

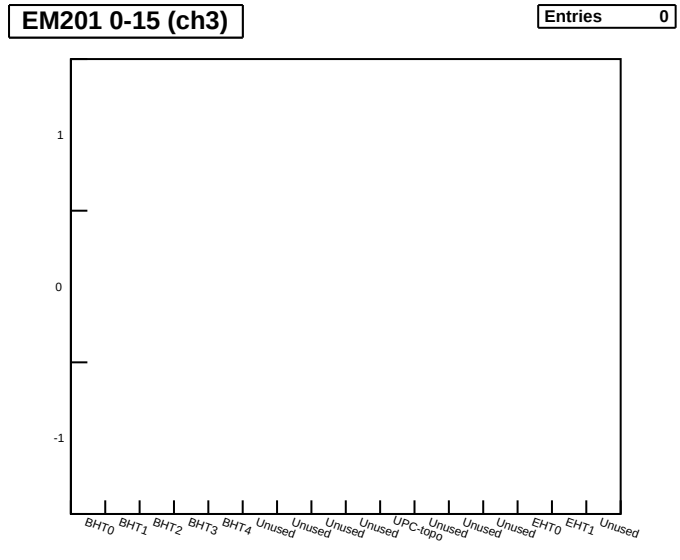

TF201 0-15 (ch0)
Entries 6600336
1
0
412521
407786
370255
356671
273988
343145
344390
340425
412521
412521
412521
412521
412521
412521
4735
42266
55850
138533
412521
69376
68131
72096
412521
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 6600336
1
0
145126
287343
354397
316148
407310
405923
822
9924
11311
172
377901
401491
207095
247925
323517
267395
125178
58124
96373
5211
6598
411699
402597
401210
412349
412521
34620
11030
206426
164596
89004
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 6600336
1
0
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
412521
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
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
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused