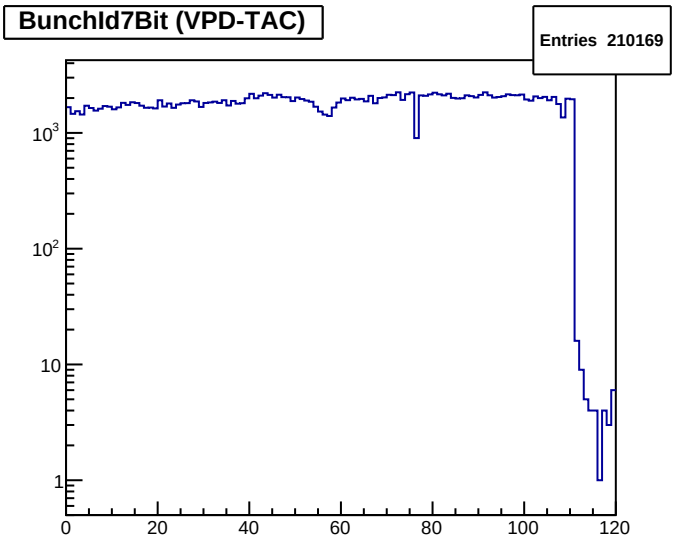
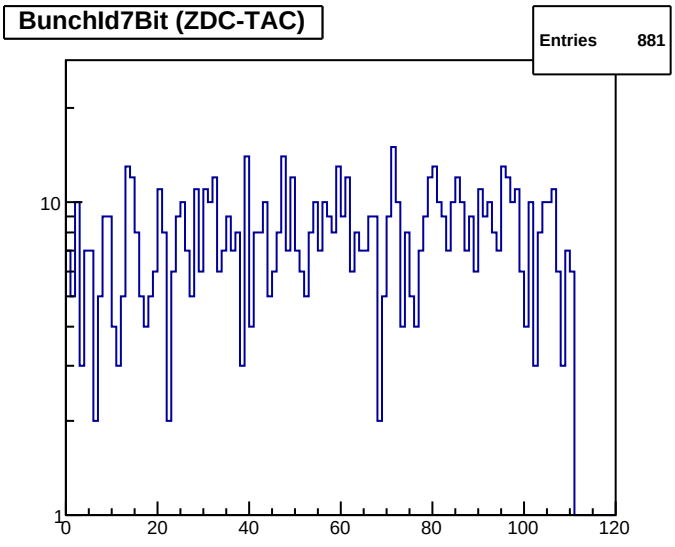
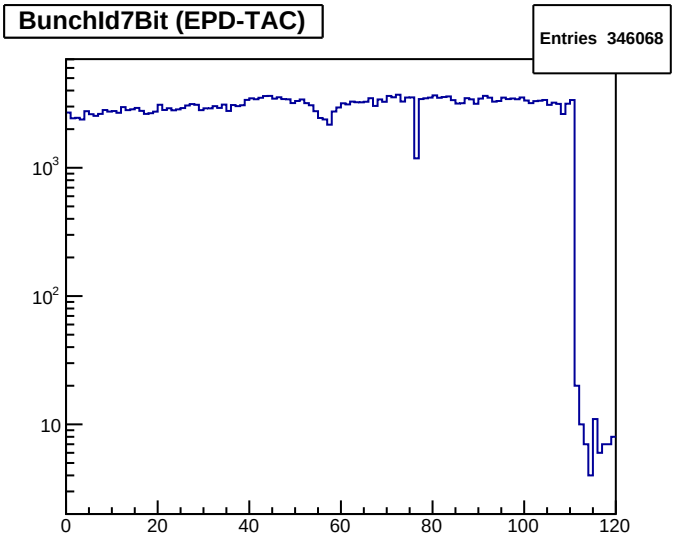
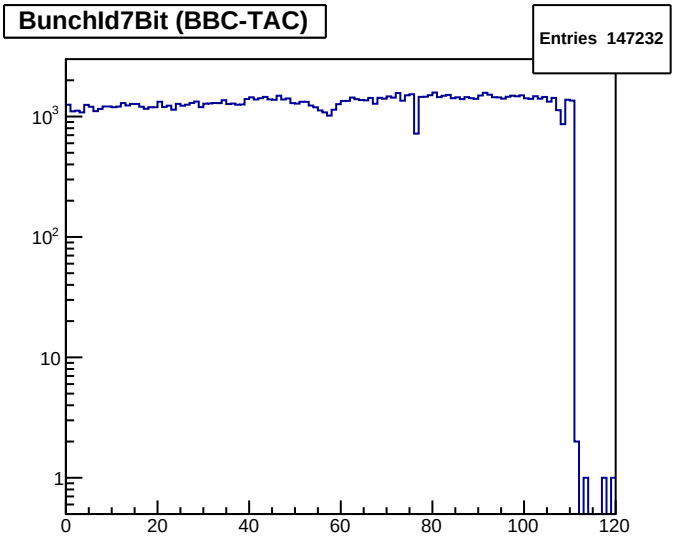
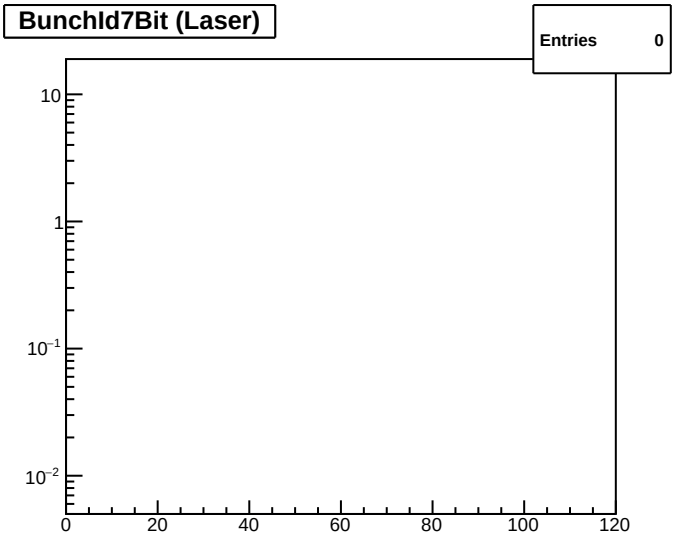
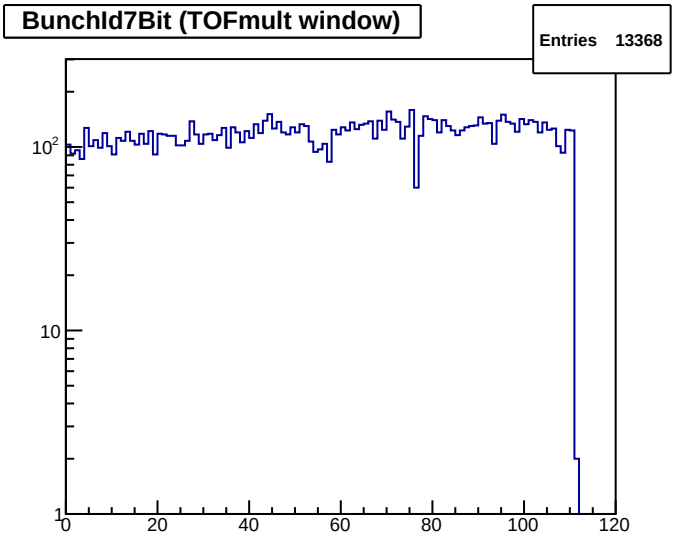

BunchId7Bit (VPD-TAC)
Entries 210169

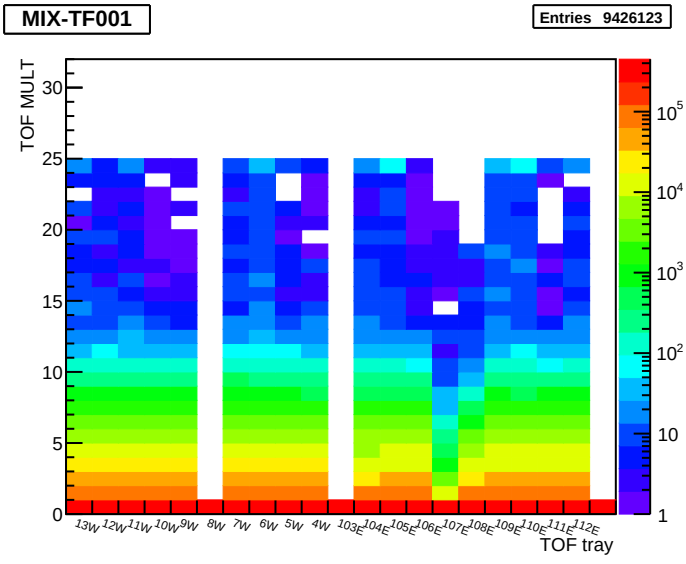

BunchId7Bit (ZDC-TAC)
Entries 881

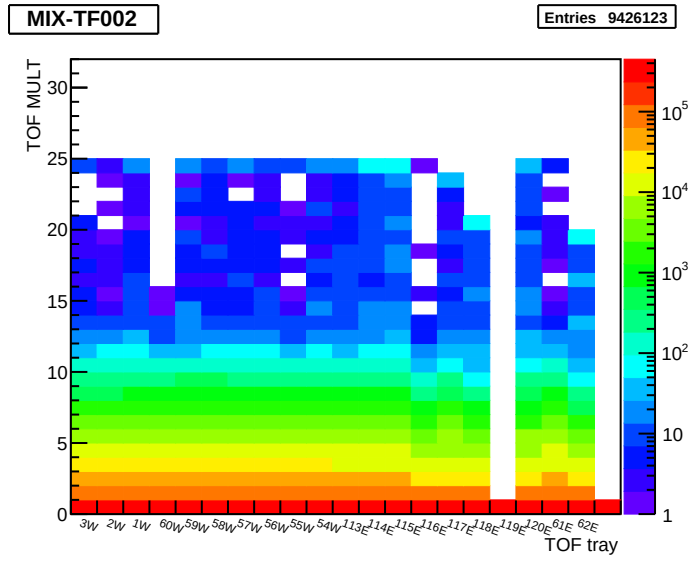

BunchId7Bit (EPD-TAC)
Entries 346068

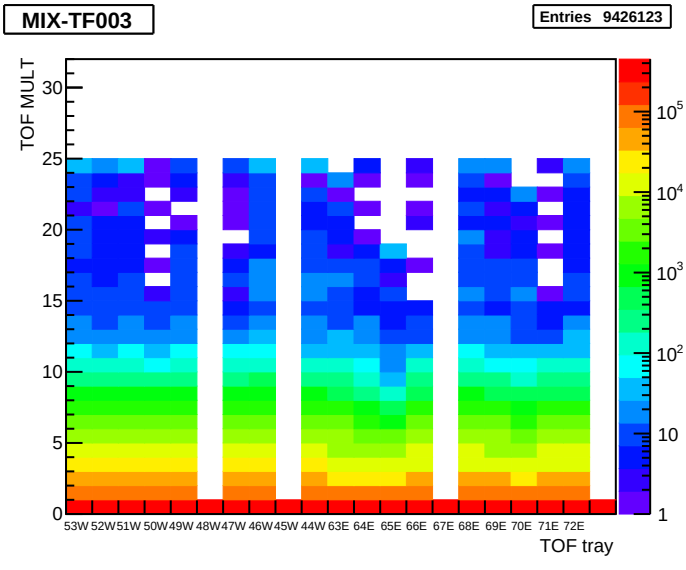

BunchId7Bit (BBC-TAC)
Entries 147232

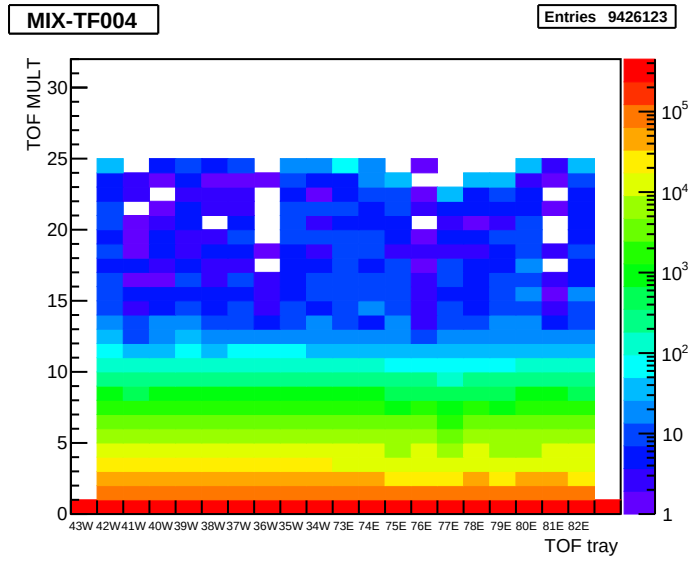

BunchId7Bit (Laser)
Entries 0

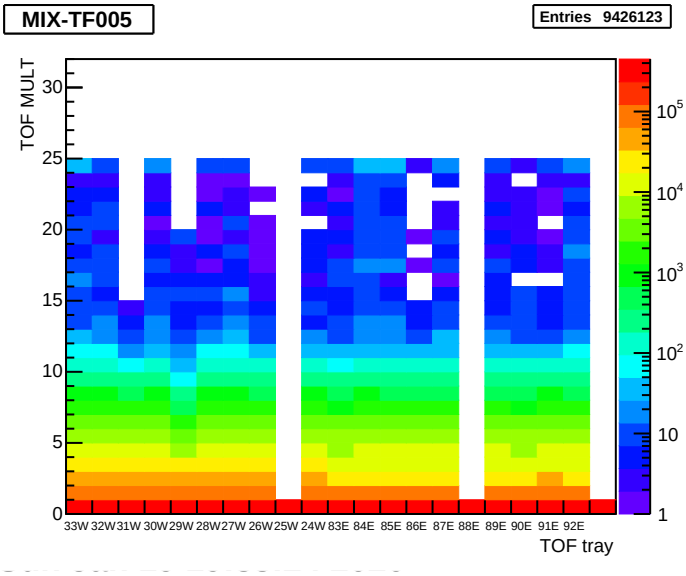

BunchId7Bit (TOFmult window)
Entries 13368

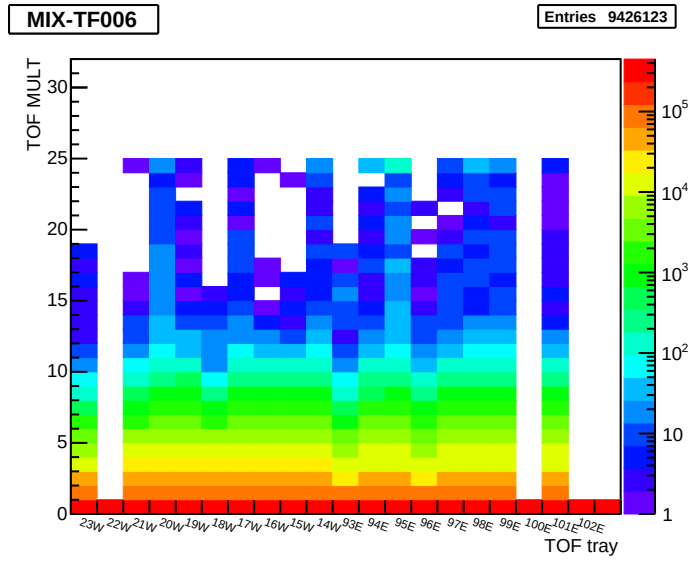

MIX-TF001
Entries 9426123
TOF MULT
TOF tray

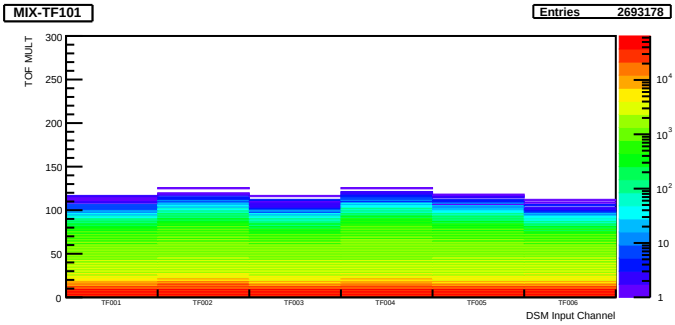

MIX-TF002
Entries 9426123
TOF MULT
TOF tray

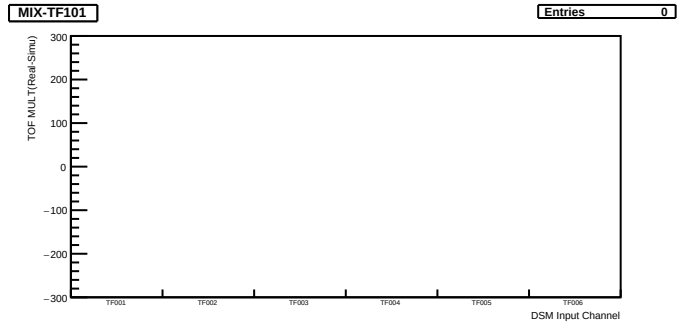

MIX-TF003
Entries 9426123
TOF MULT
TOF tray

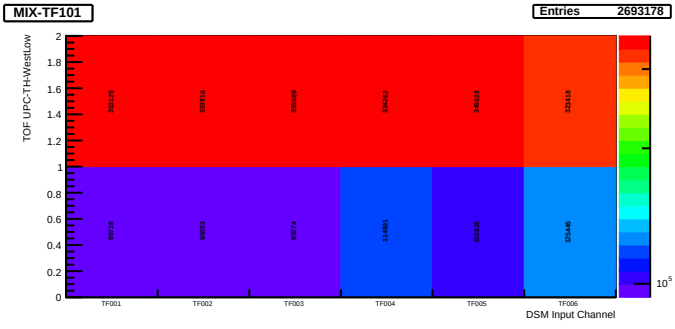

MIX-TF004
Entries 9426123
TOF MULT
TOF tray

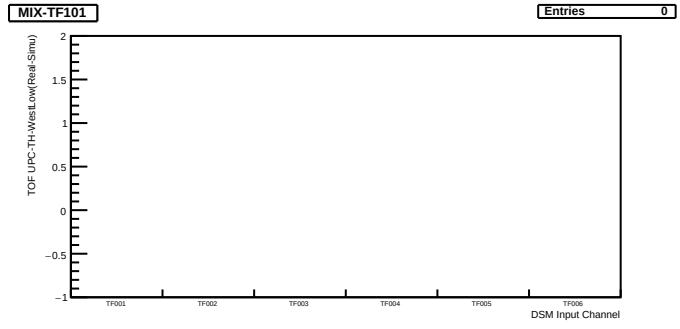

MIX-TF005
Entries 9426123
TOF MULT
TOF tray

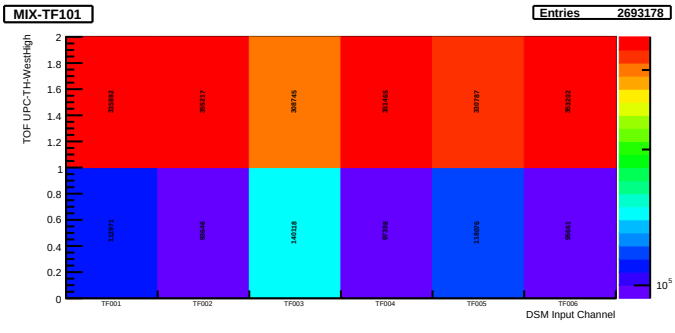

MIX-TF006
Entries 9426123
TOF MULT
TOF tray

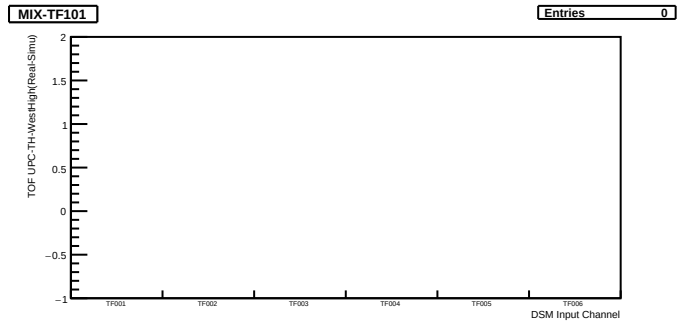

MIX-TF101
Entries 2693178
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

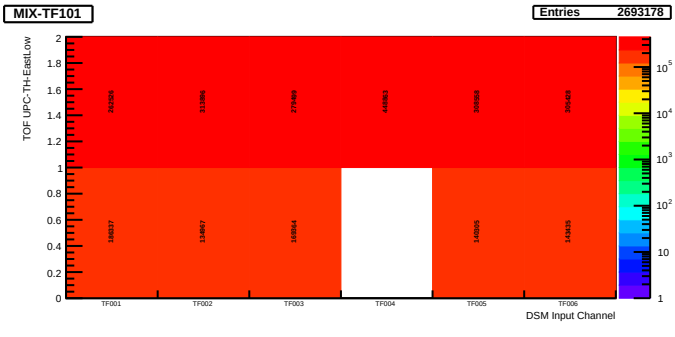

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

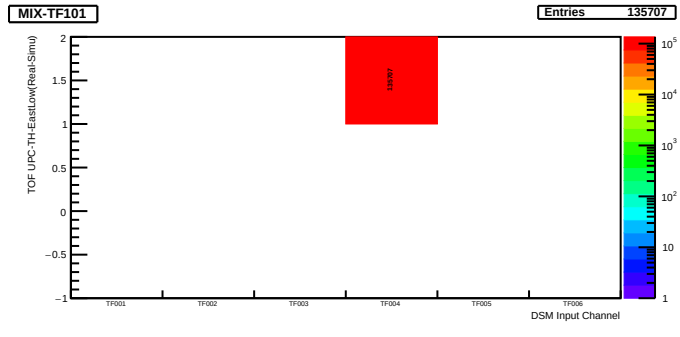

MIX-TF101
Entries 2693178
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

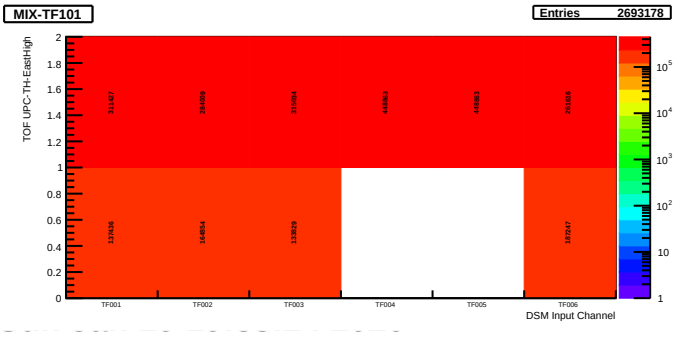

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

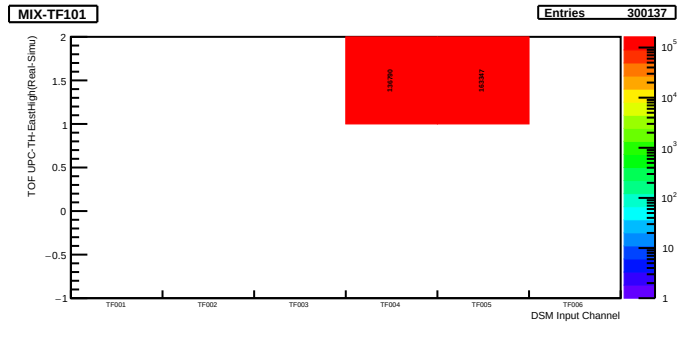

MIX-TF101
Entries 2693178
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

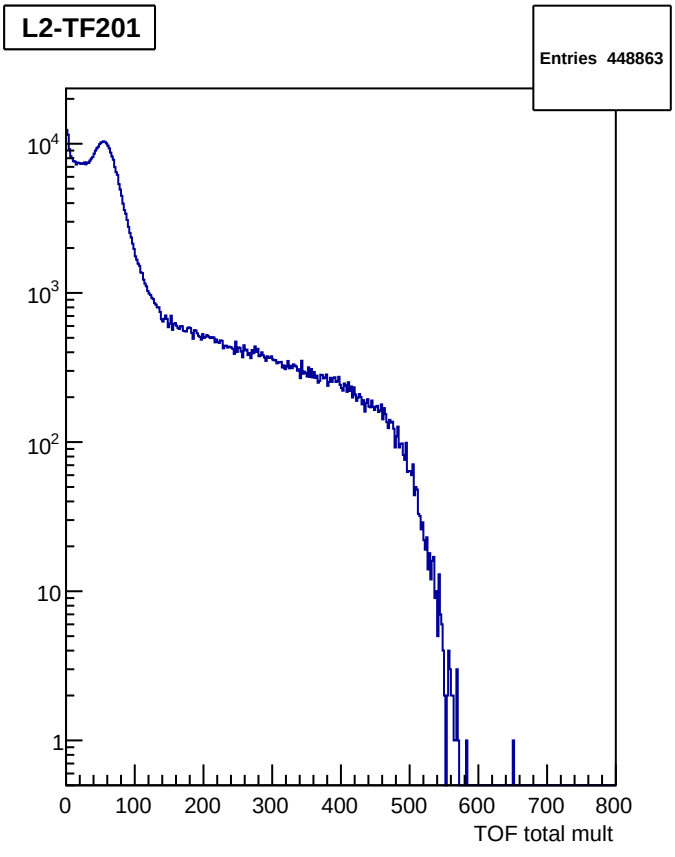

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

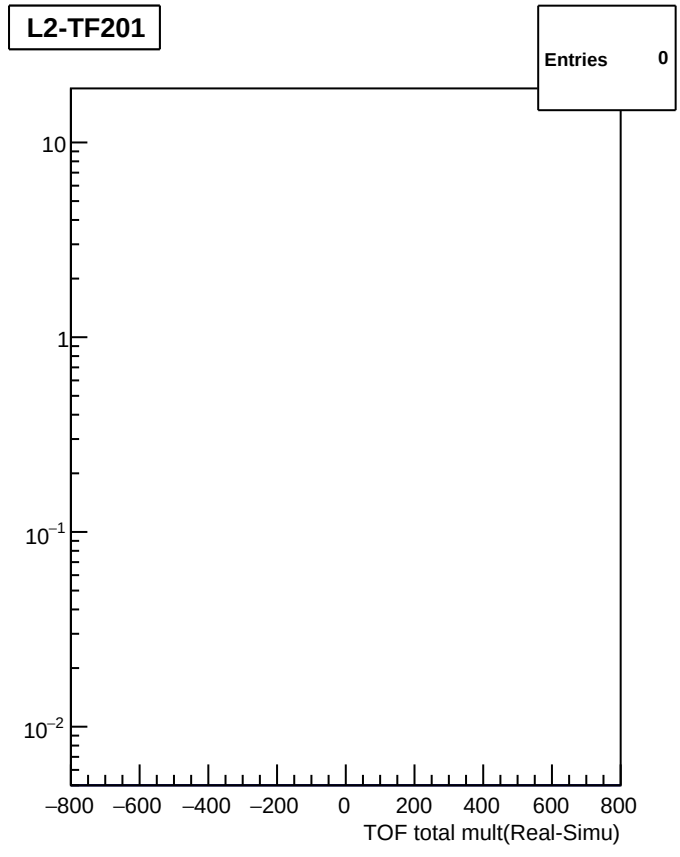

MIX-TF101
Entries 2693178
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

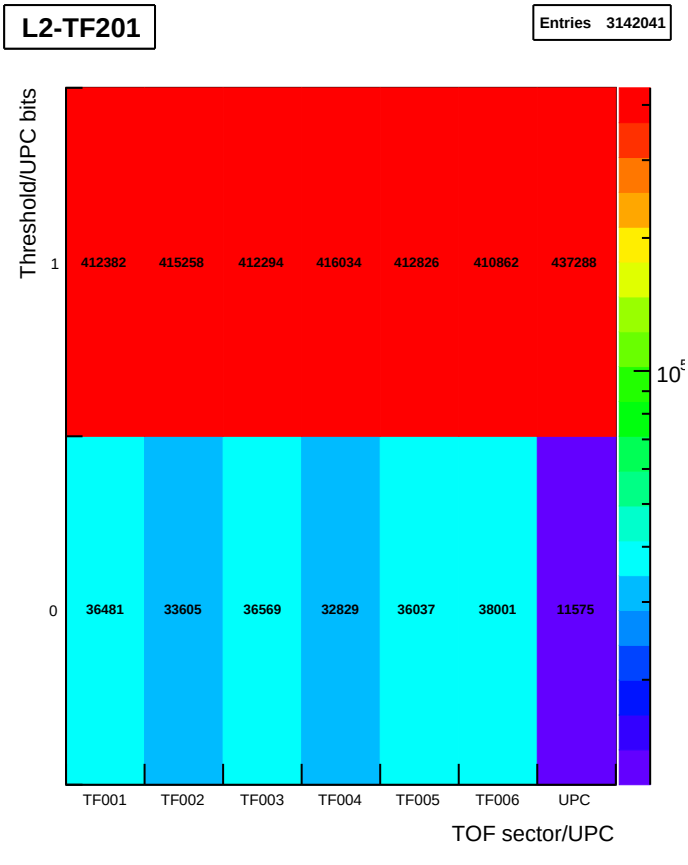

MIX-TF101
Entries 135707
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

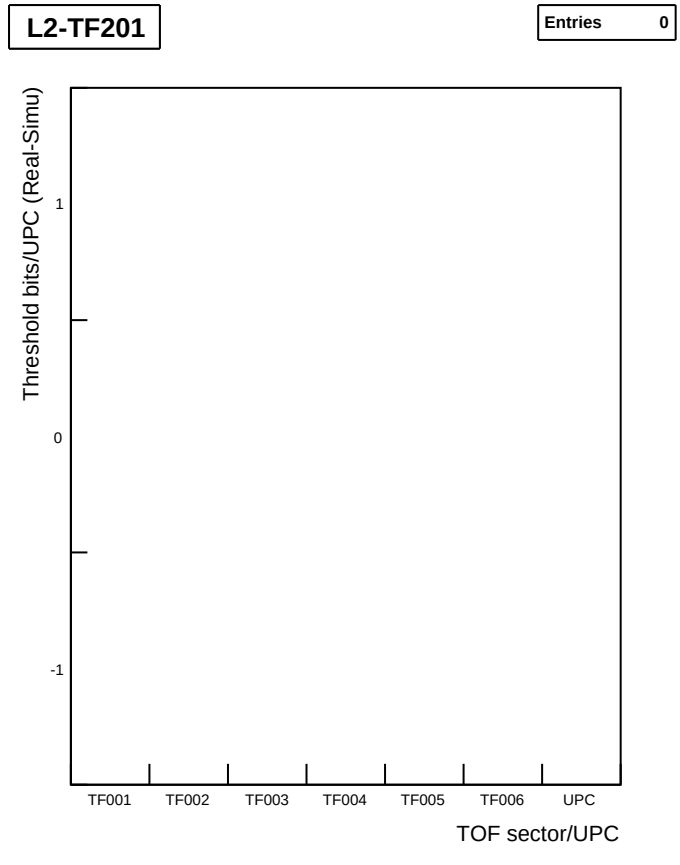

MIX-TF101
Entries 2693178
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

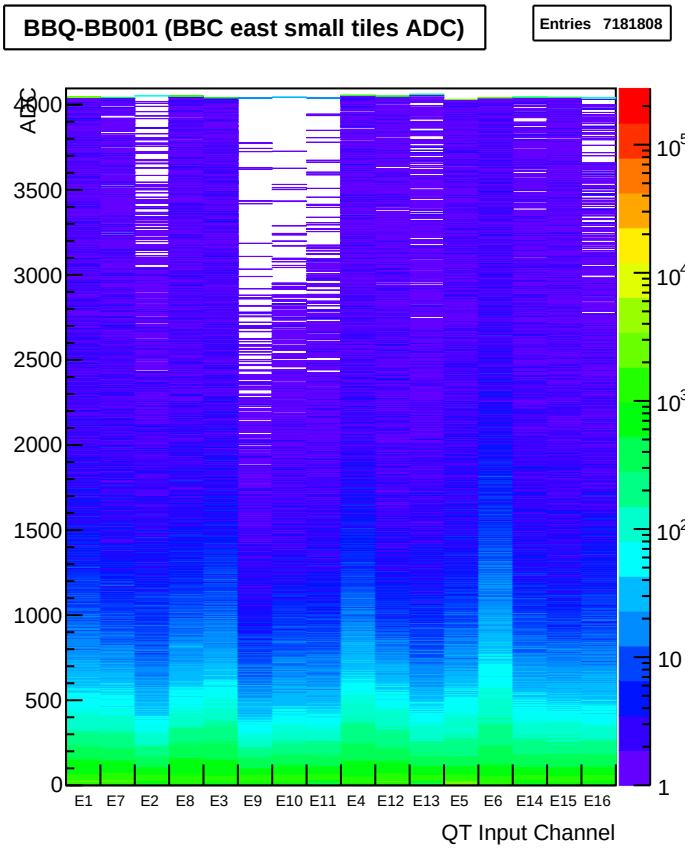

MIX-TF101
Entries 300137
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

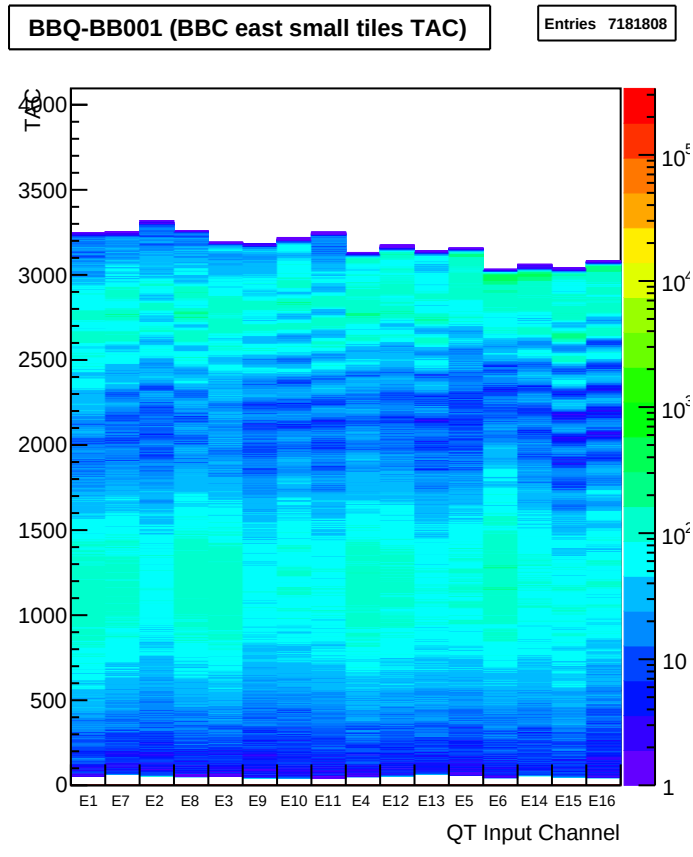

L2-TF201
Entries 448863
TOF total mult

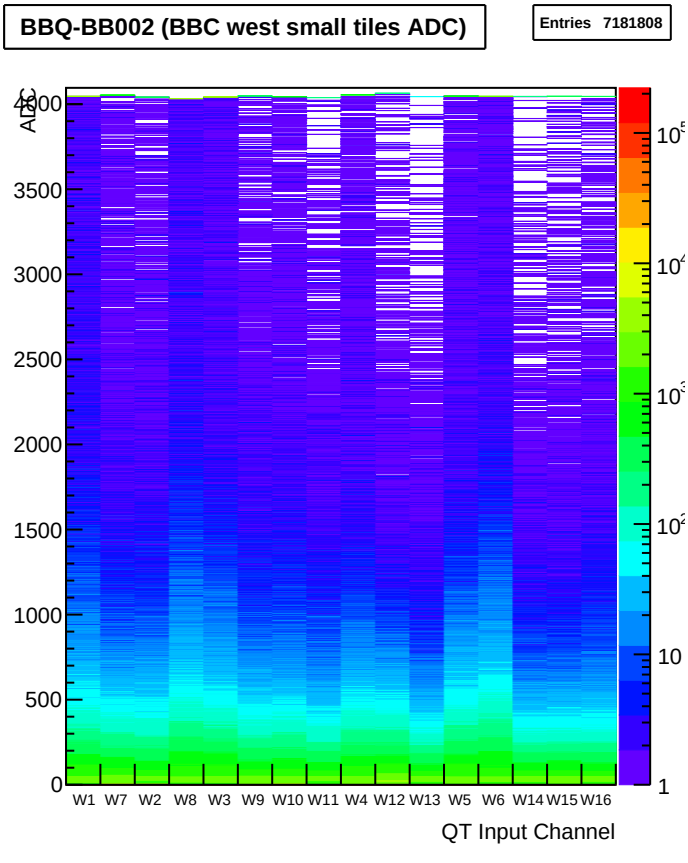

L2-TF201
Entries 0
TOF total mult(Real-Simu)

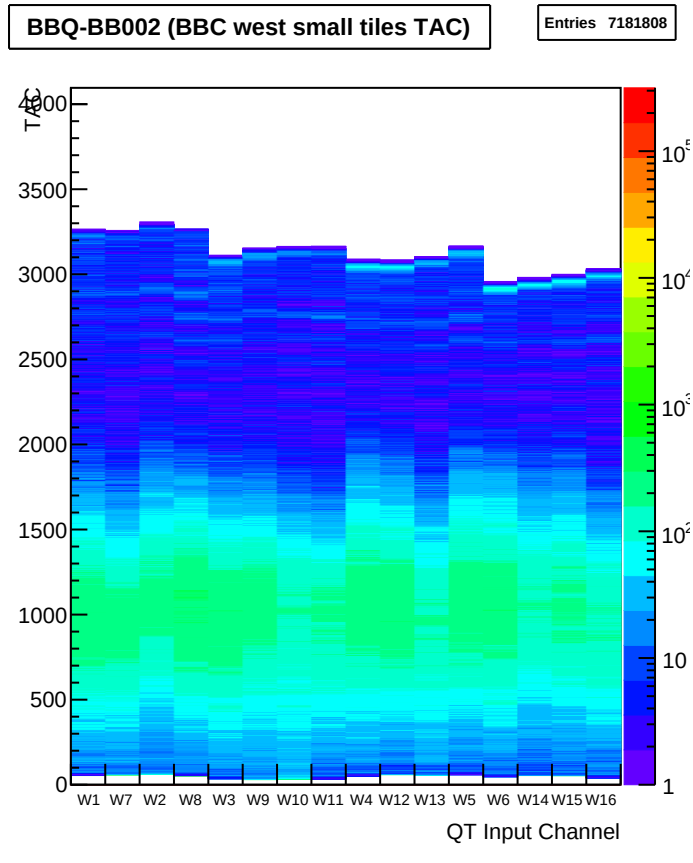

L2-TF201
Entries 3142041
Threshold/UPC bits
412382
415258
412294
416034
412826
410862
437288
36481
33605
36569
32829
36037
38001
11575
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

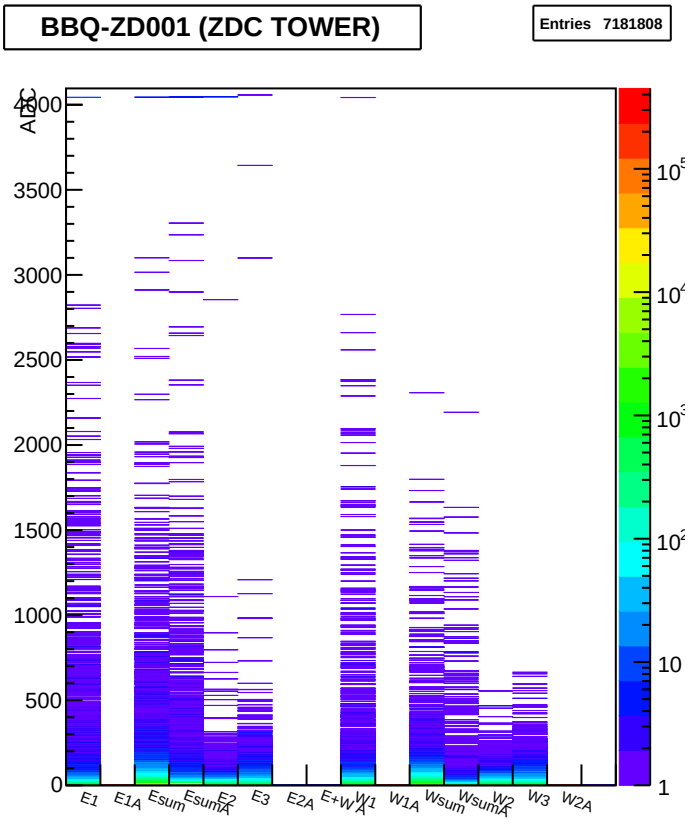

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

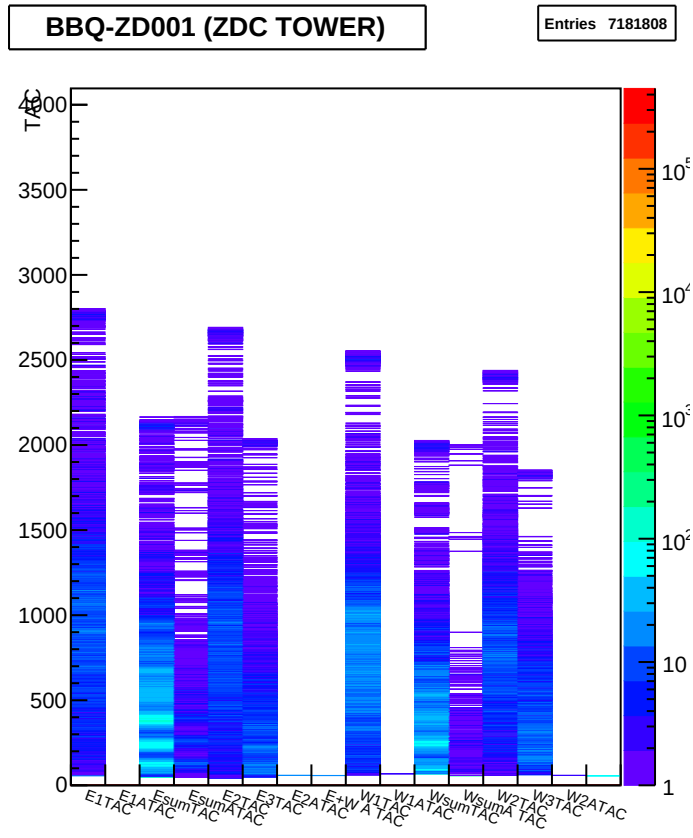

BBQ-BB001 (BBC east small tiles ADC)
Entries 7181808
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

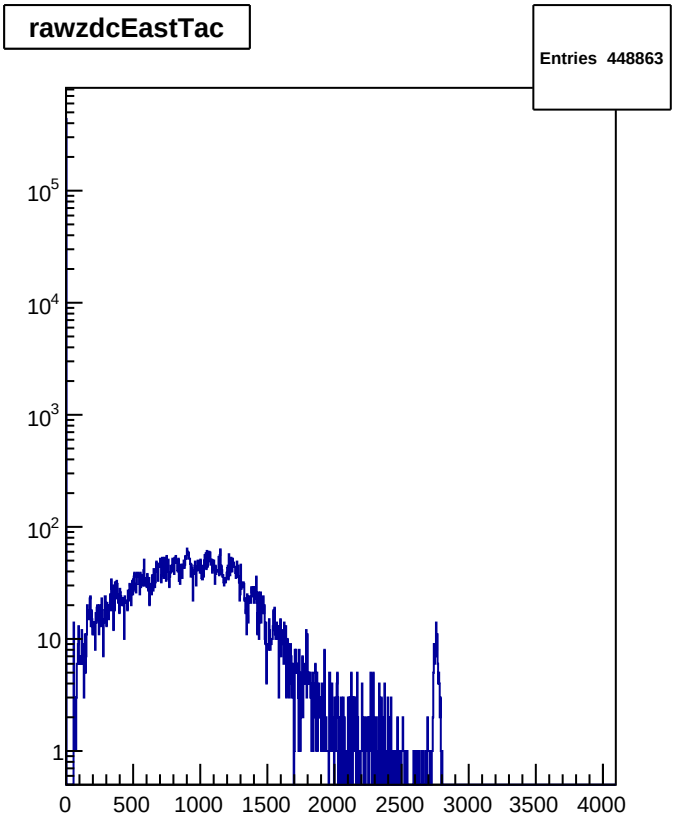

BBQ-BB001 (BBC east small tiles TAC)
Entries 7181808
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

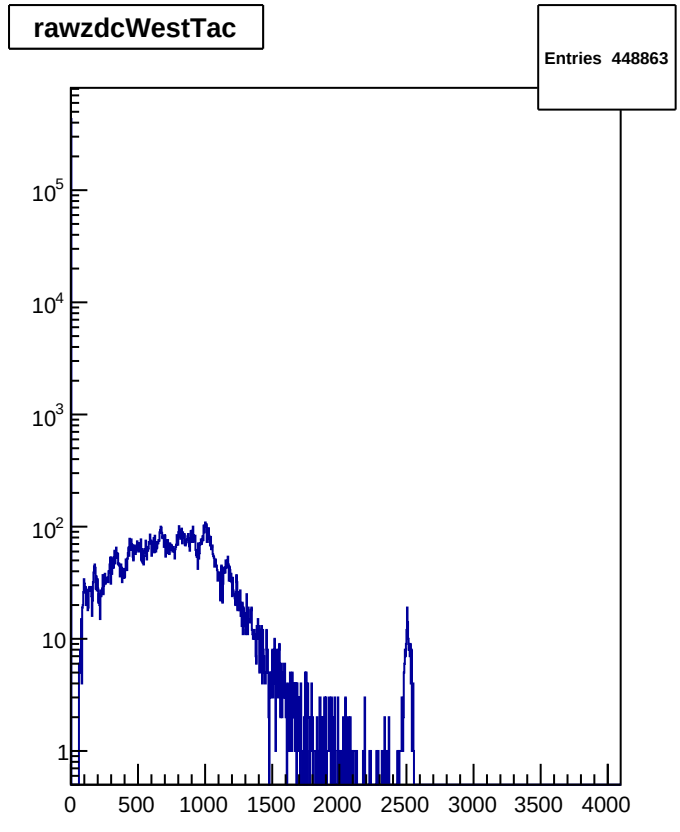

BBQ-BB002 (BBC west small tiles ADC)
Entries 7181808
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

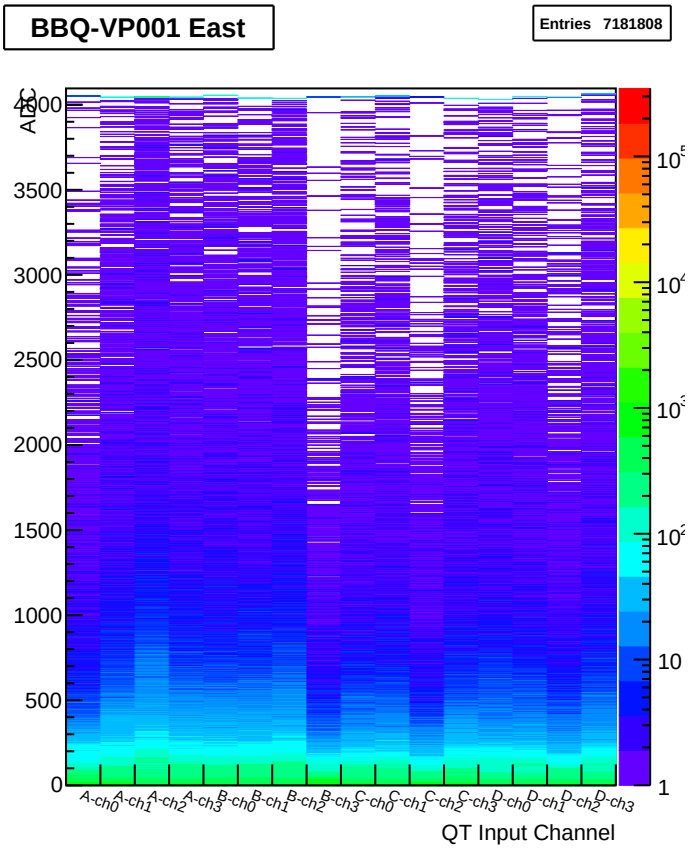

BBQ-BB002 (BBC west small tiles TAC)
Entries 7181808
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

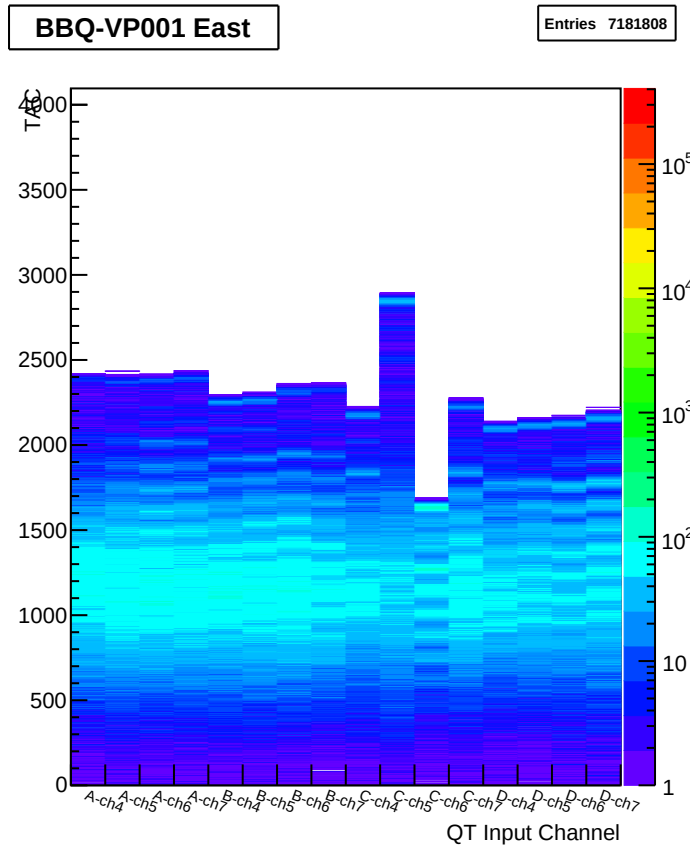

BBQ-ZD001 (ZDC TOWER)
Entries 7181808
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

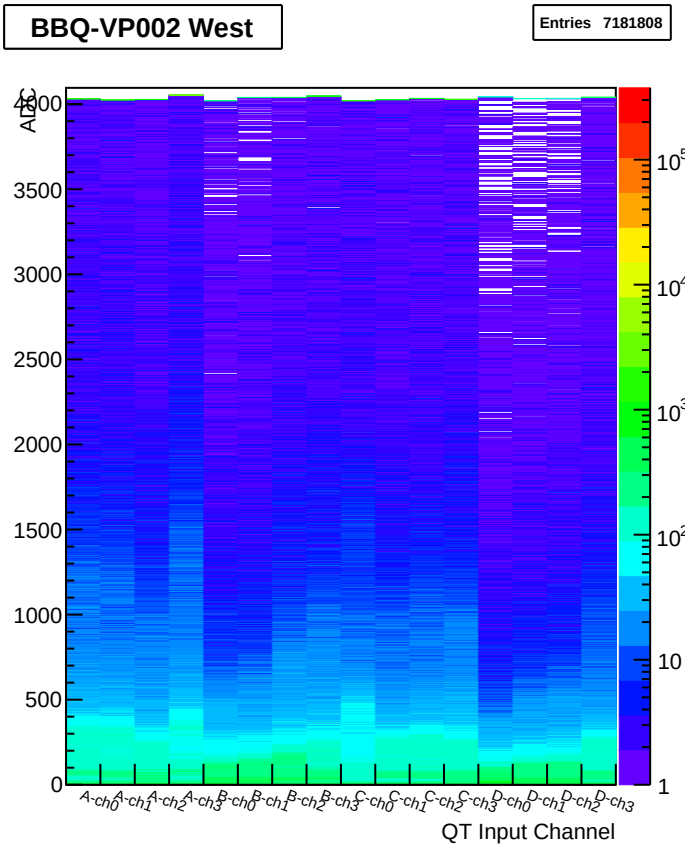

BBQ-ZD001 (ZDC TOWER)
Entries 7181808
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

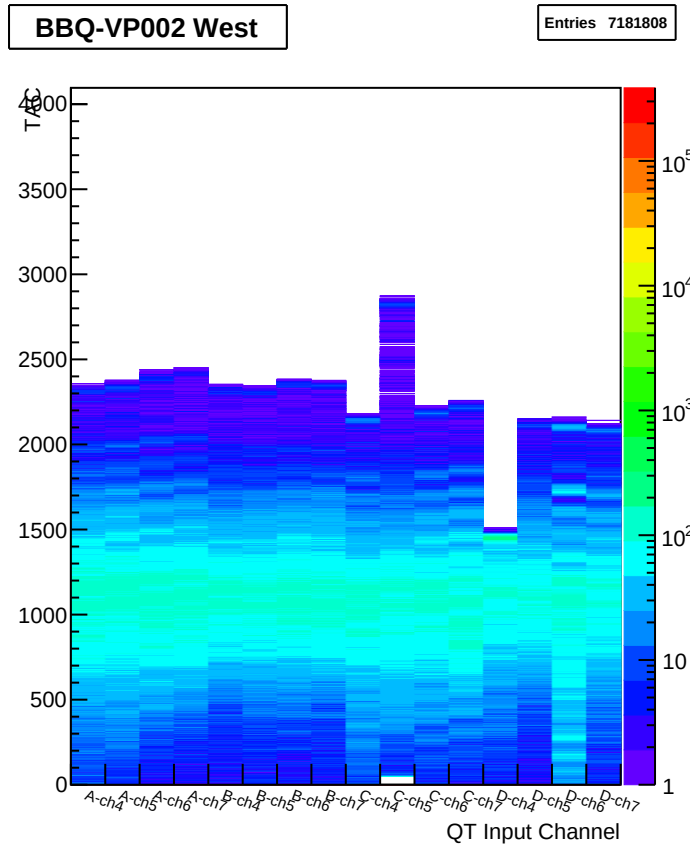

rawzdcEastTac
Entries 448863

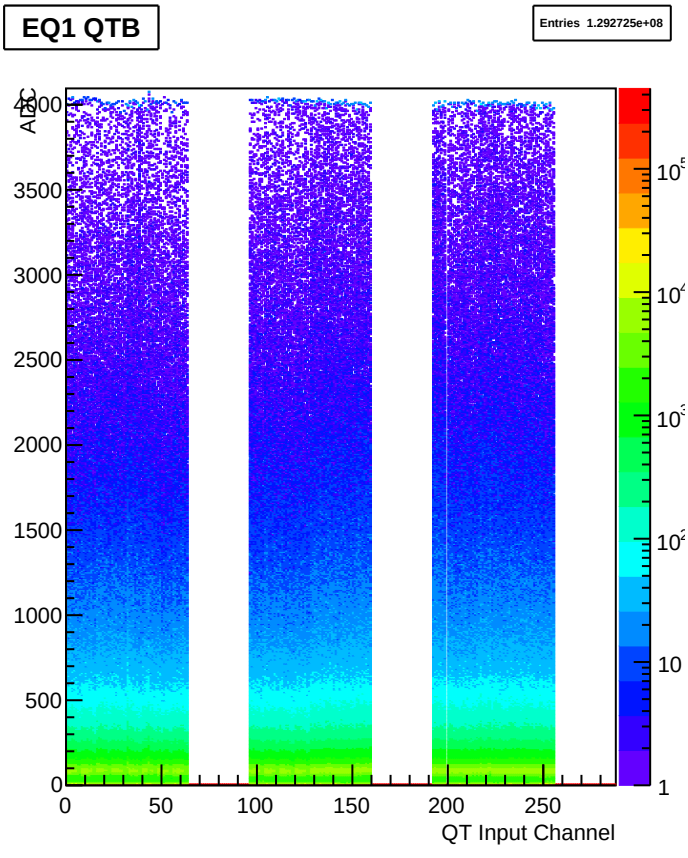

rawzdcWestTac
Entries 448863

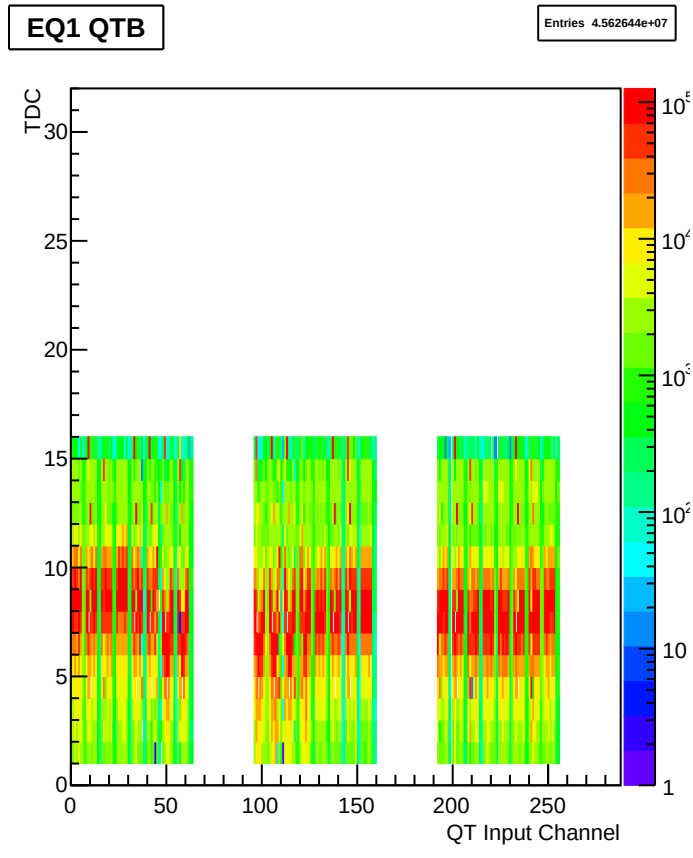

BBQ-VP001 East
Entries 7181808
ADC
QT Input Channel

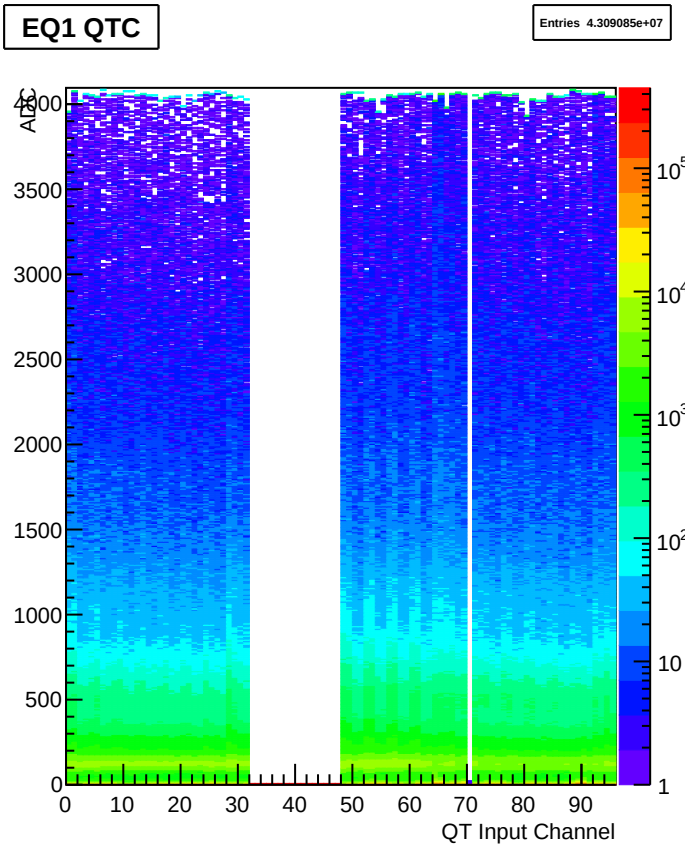

BBQ-VP001 East
Entries 7181808
TADC
QT Input Channel

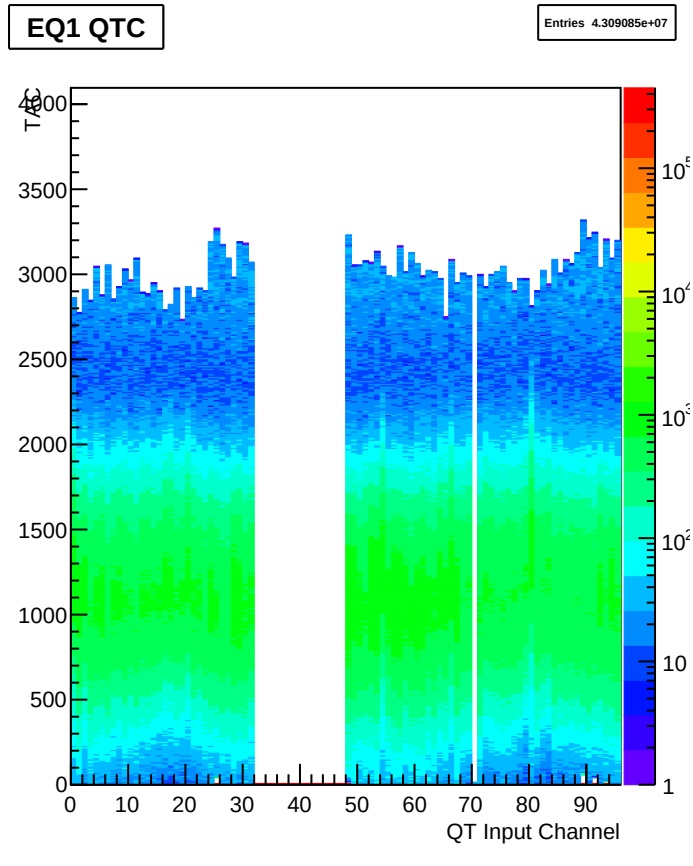

BBQ-VP002 West
Entries 7181808
ADC
QT Input Channel

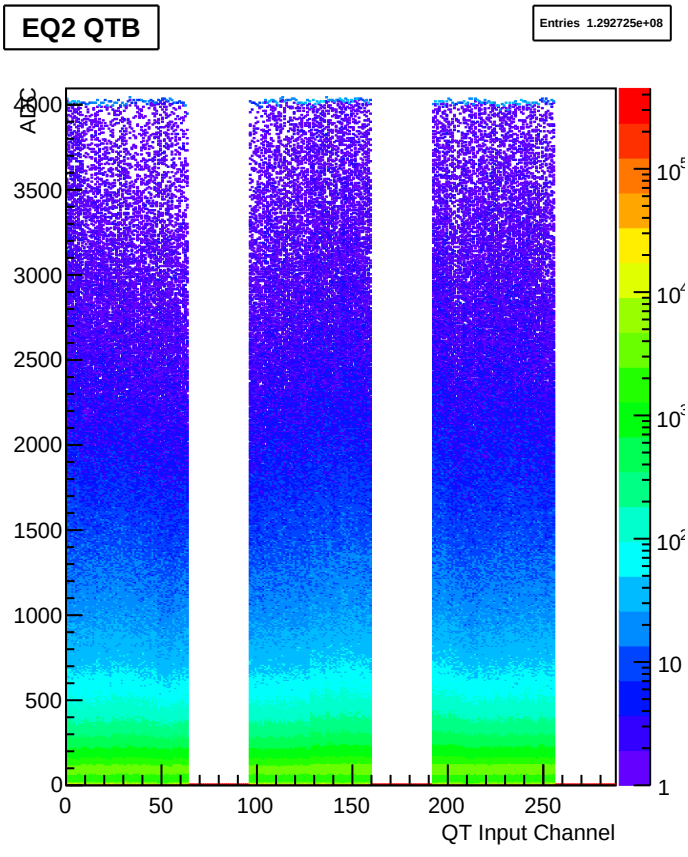

BBQ-VP002 West
Entries 7181808
TADC
QT Input Channel

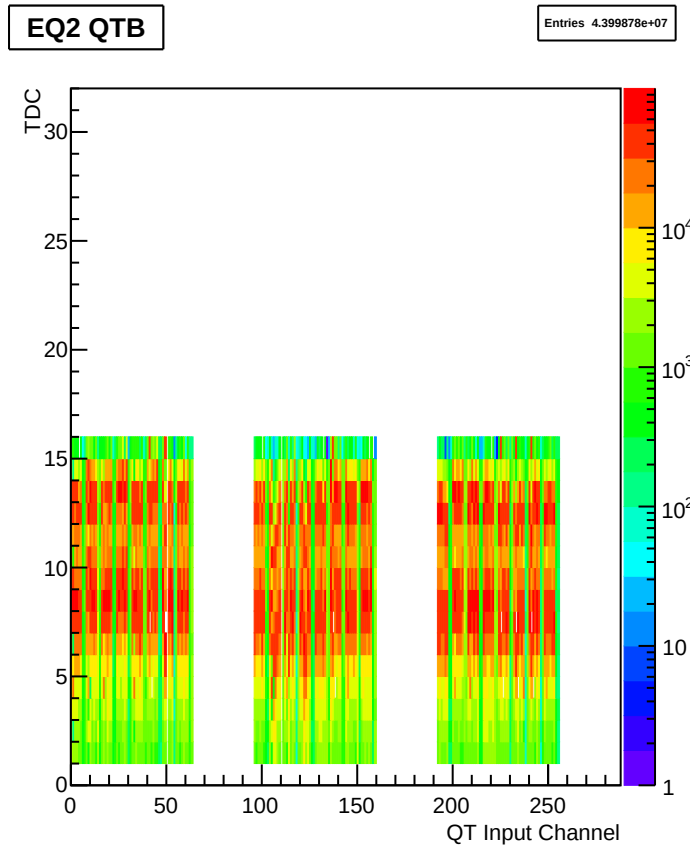

EQ1 QTB
Entries 1.292725e+08
ADC
QT Input Channel

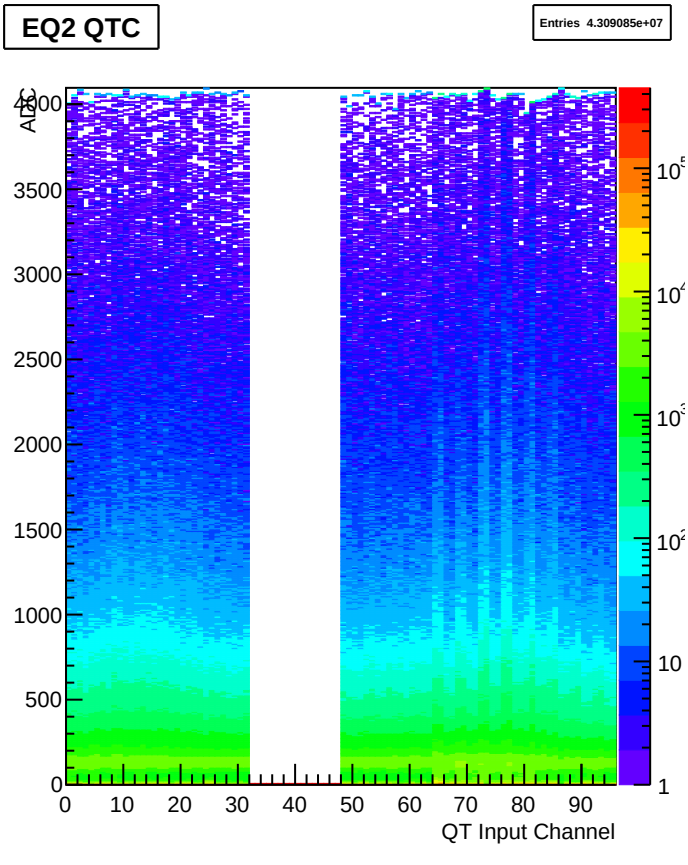

EQ1 QTB
Entries 4.562644e+07
TDC
QT Input Channel

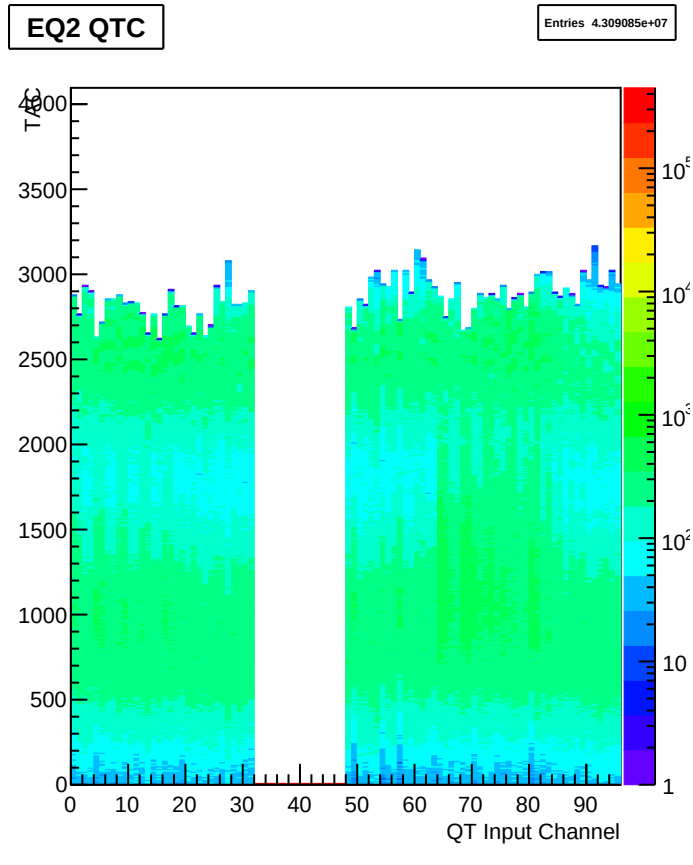

EQ1 QTC
Entries 4.309085e+07
ADC
QT Input Channel

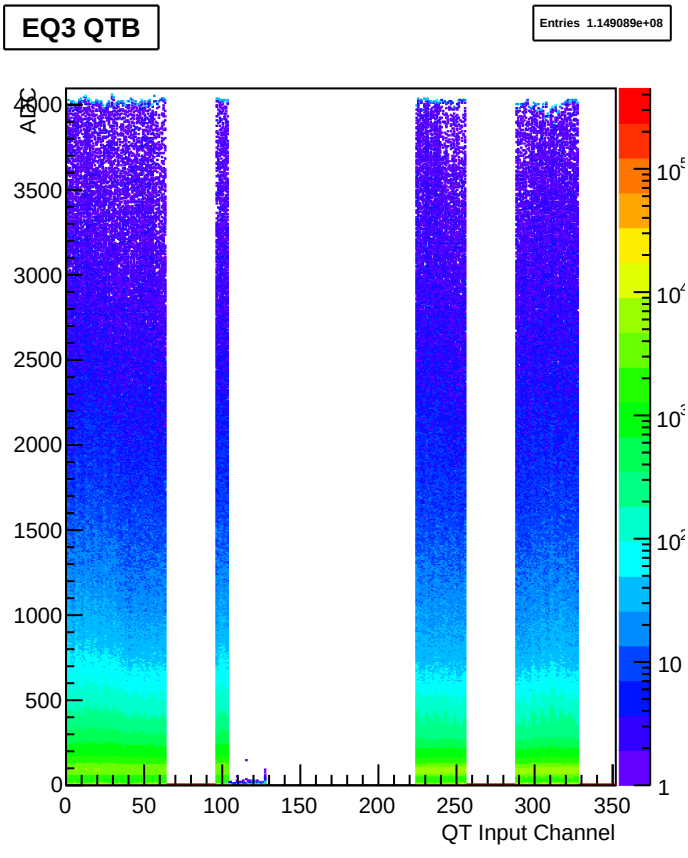

EQ1 QTC
Entries 4.309085e+07
TADC
QT Input Channel

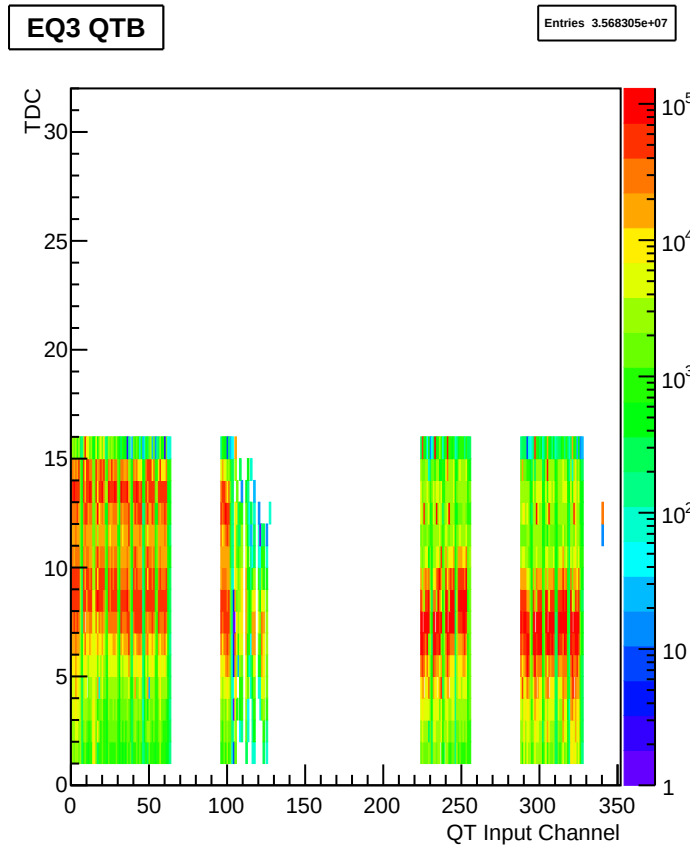

EQ2 QTB
Entries 1.292725e+08
ADC
QT Input Channel

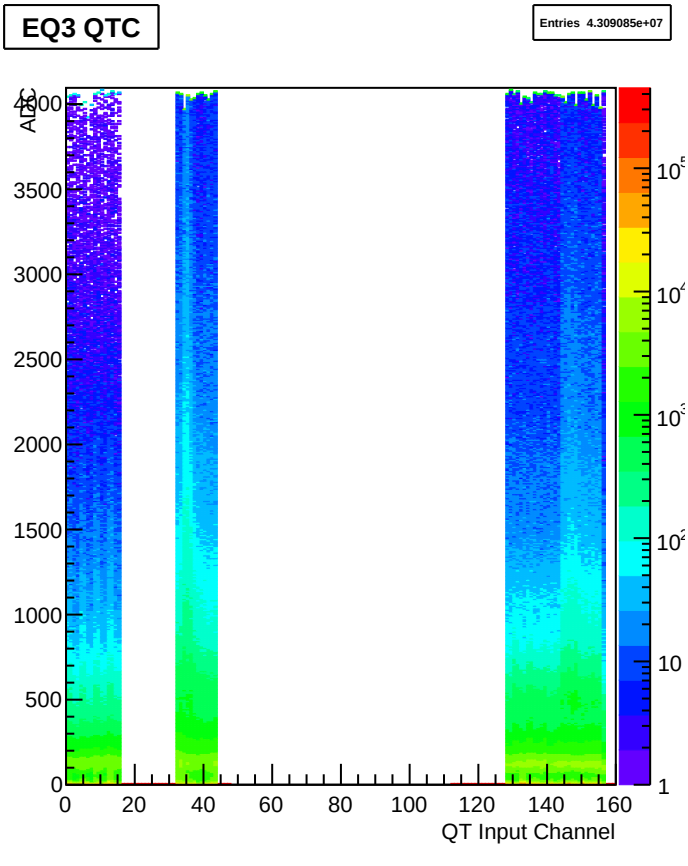

EQ2 QTB
Entries 4.399878e+07
TDC
QT Input Channel

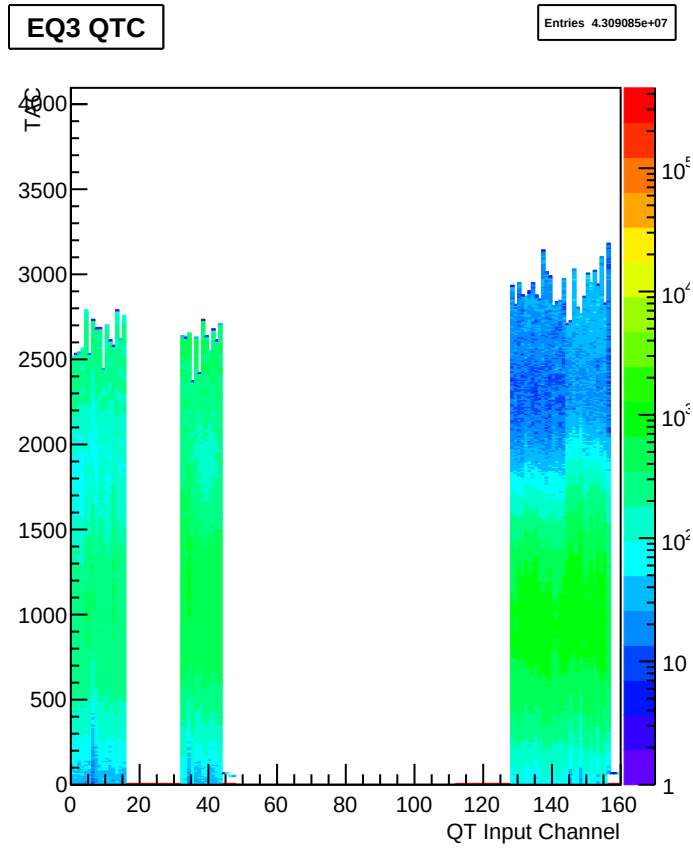

EQ2 QTC
Entries 4.309085e+07
ADC
QT Input Channel

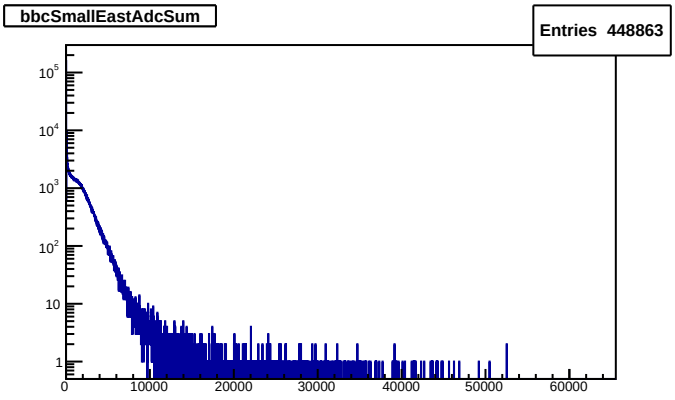

EQ2 QTC
Entries 4.309085e+07
TADC
QT Input Channel

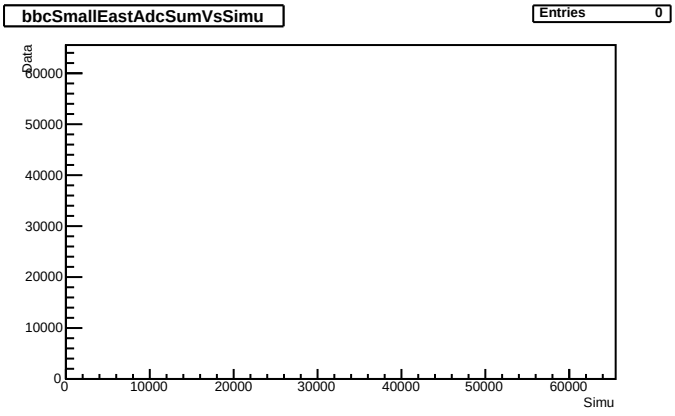

EQ3 QTB
Entries 1.149089e+08
ADC
QT Input Channel

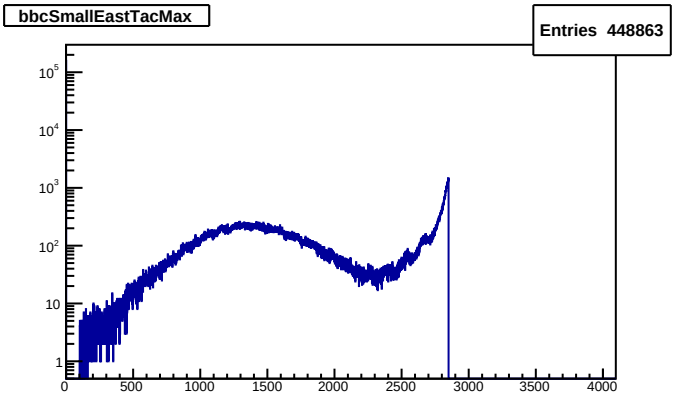

EQ3 QTB
Entries 3.568305e+07
TDC
QT Input Channel

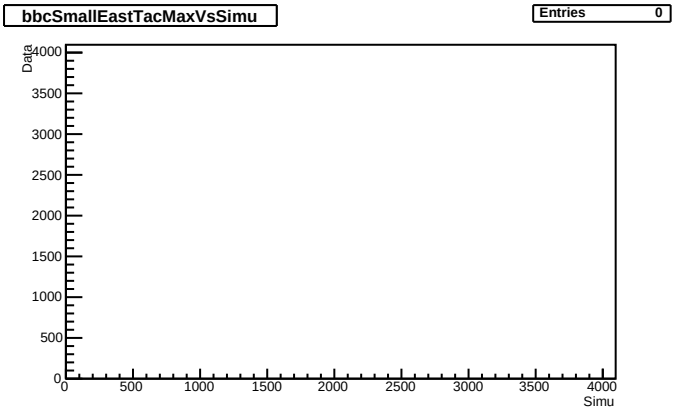

EQ3 QTC
Entries 4.309085e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.309085e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 448863


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 448863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Entries 0
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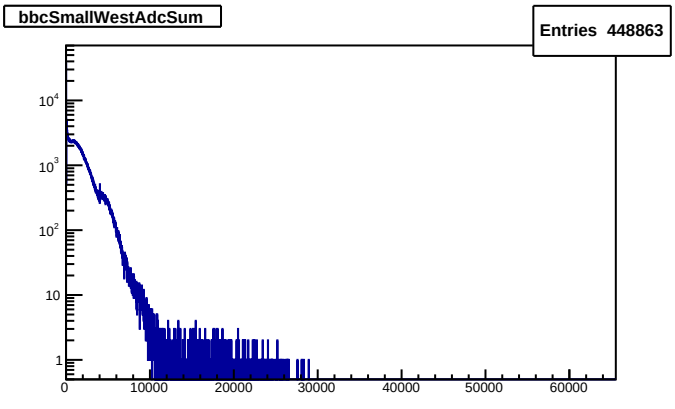
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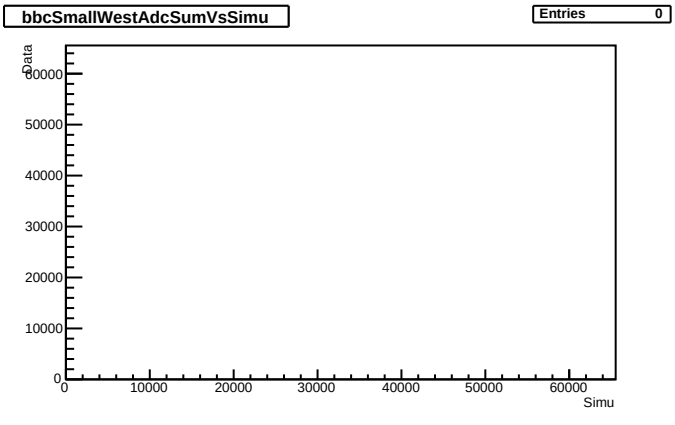
Entries 448863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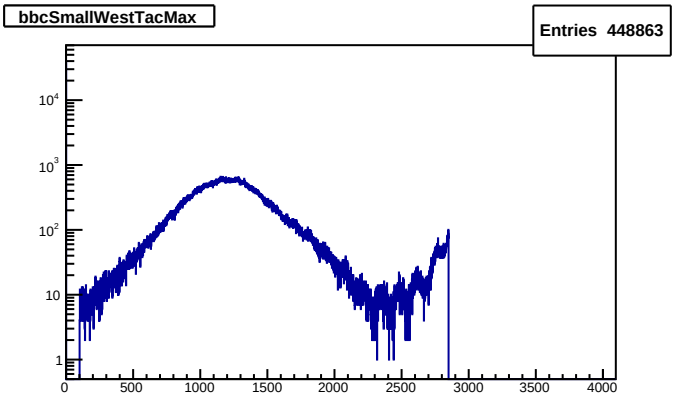
Simu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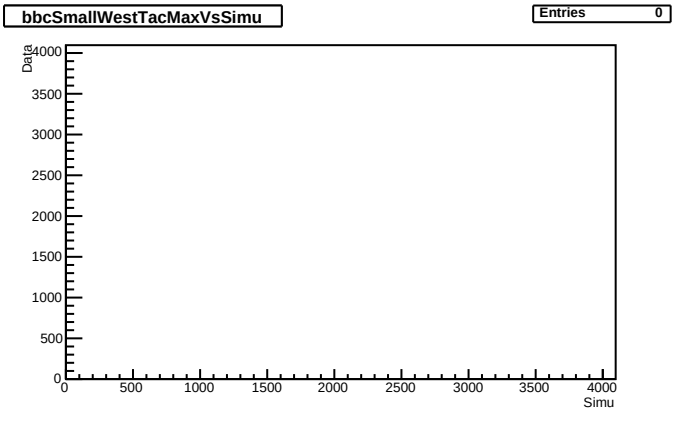
Entries 448863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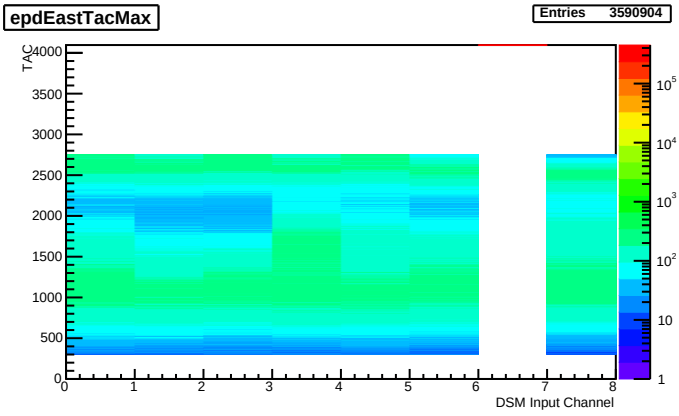
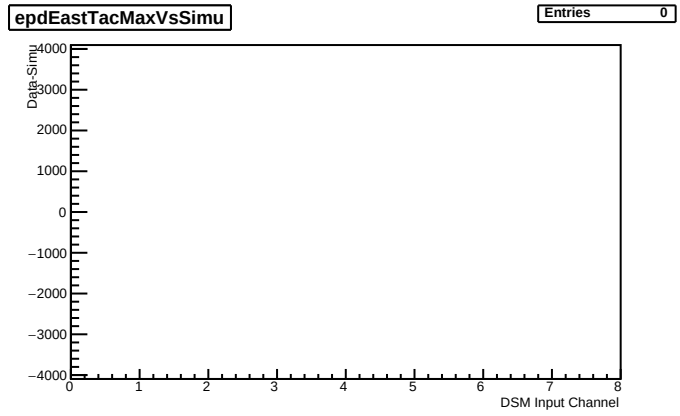
Entries 0
Data
Simu


epdEastTacMax
Entries 3590904
TAC
DSM Input Channel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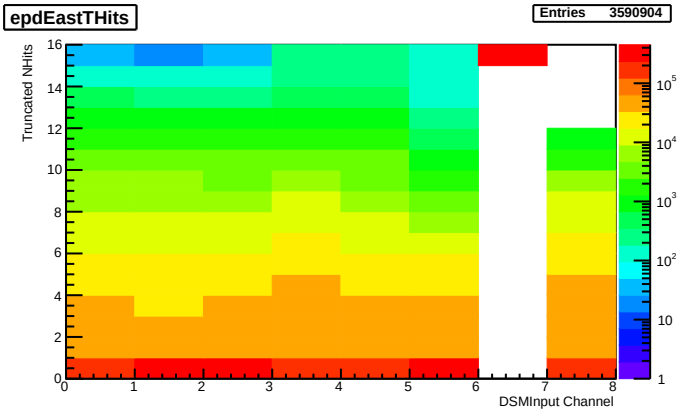
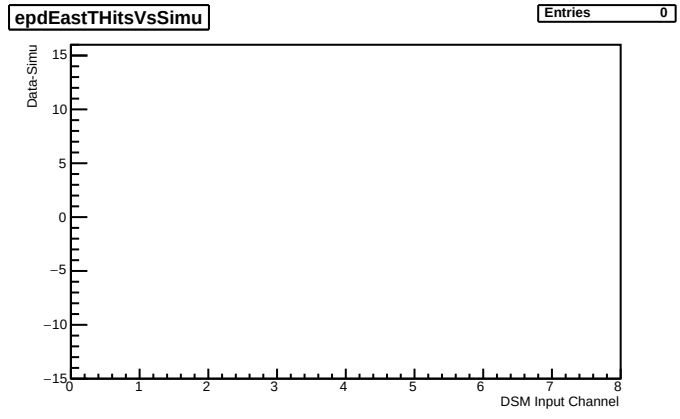
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3590904
Truncated NHits
DSMInput Channel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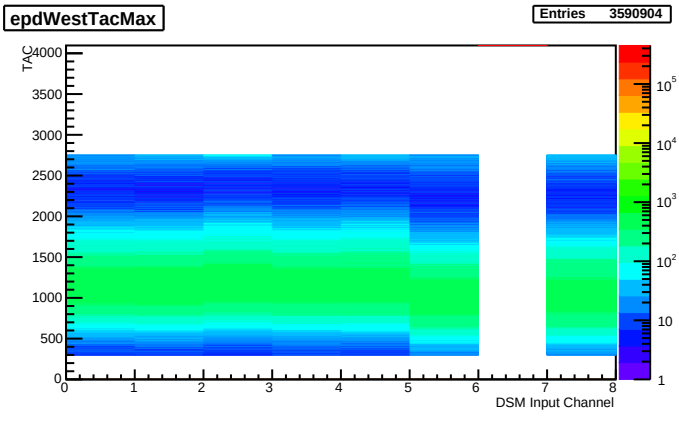
DSM Input Channel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Entries 3590904
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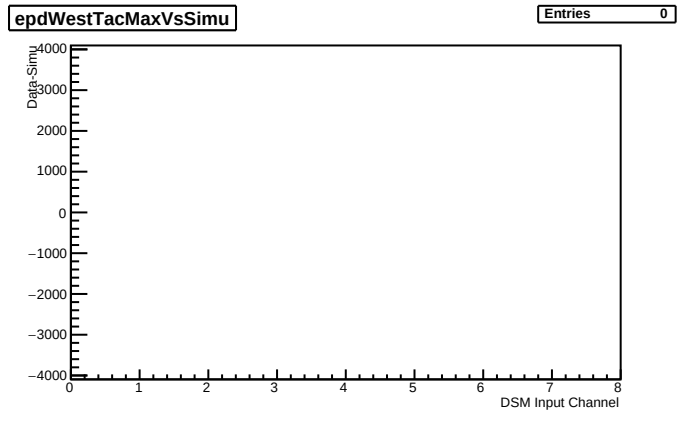
DSM Input Channel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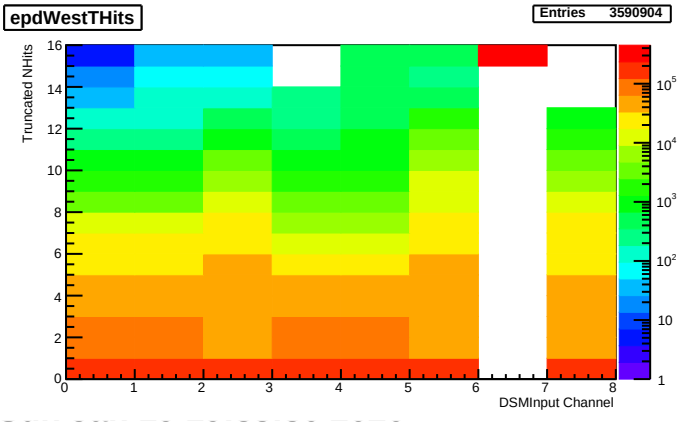
Entries 0
Data-Simu
DSM Input Channel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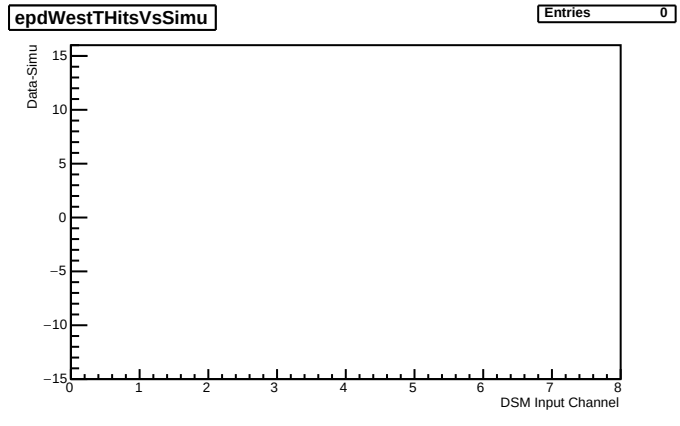
Entries 3590904
Truncated NHits
DSMInput Channel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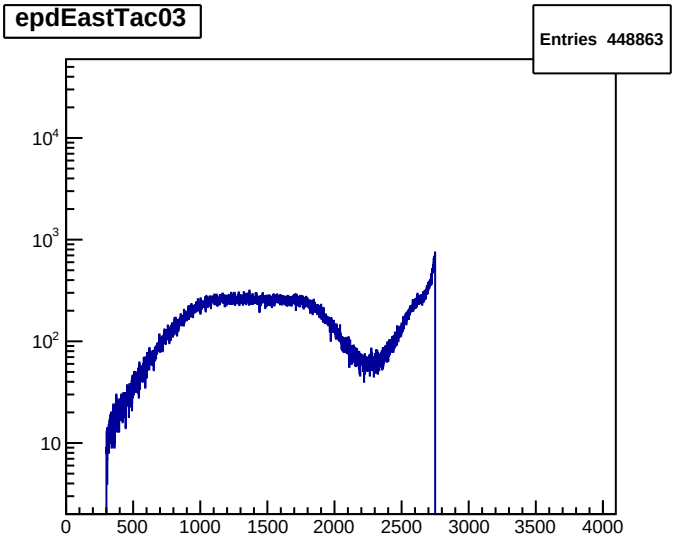
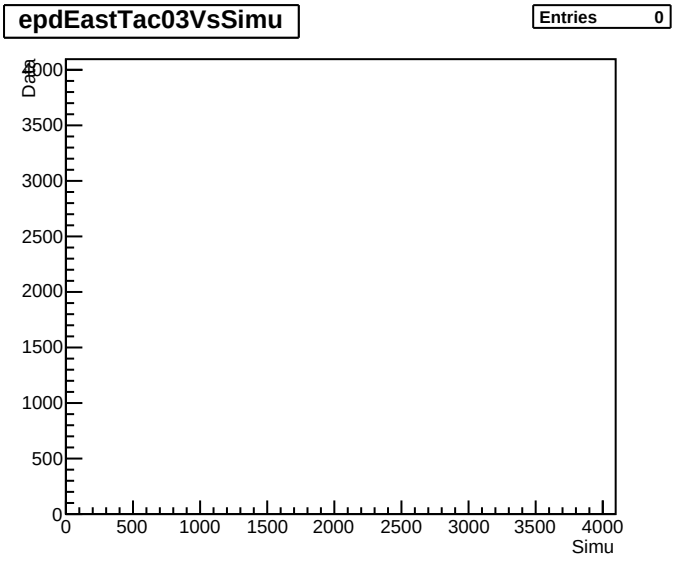
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 448863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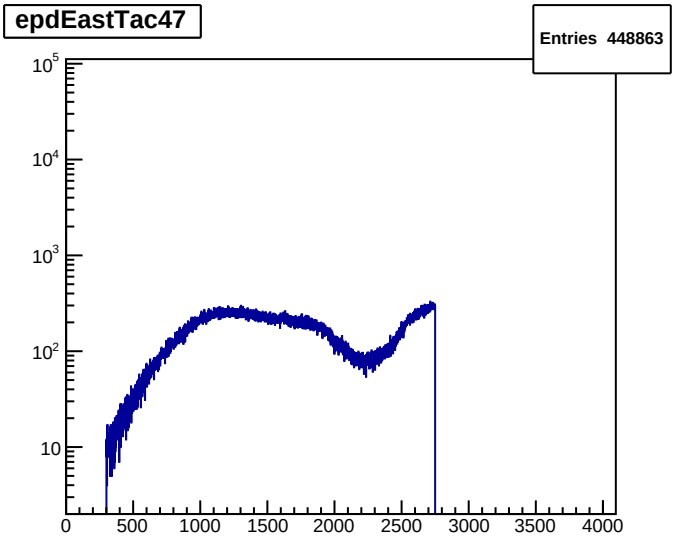
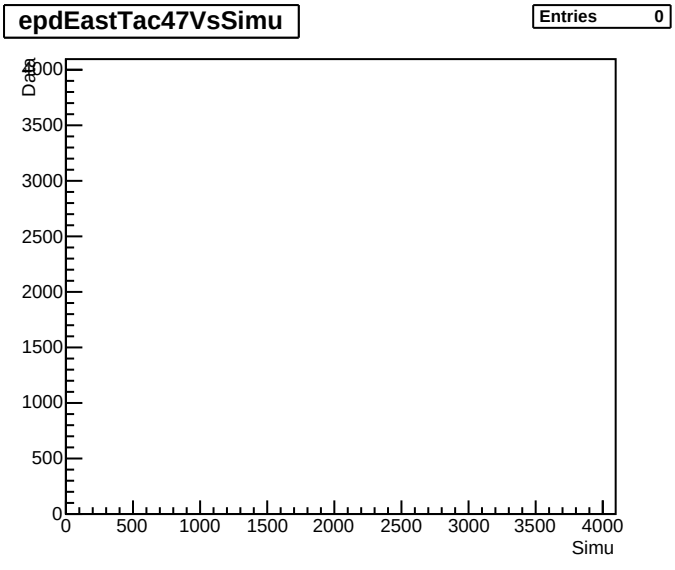
Entries 0
Data
Simu


epdEastTac47
Entries 448863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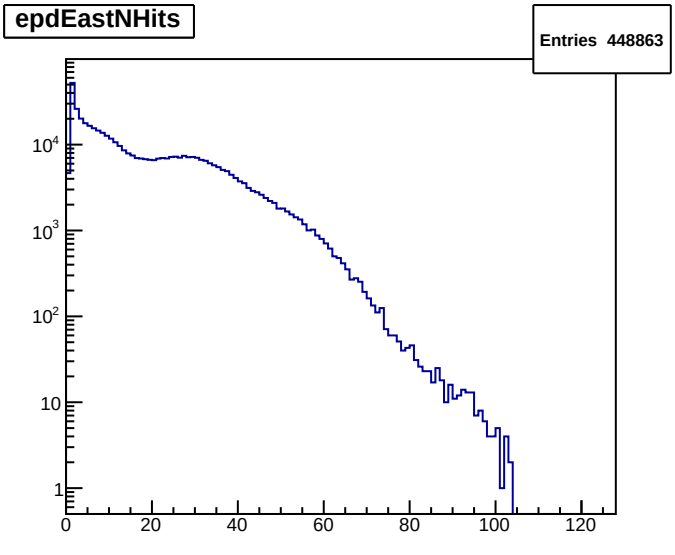
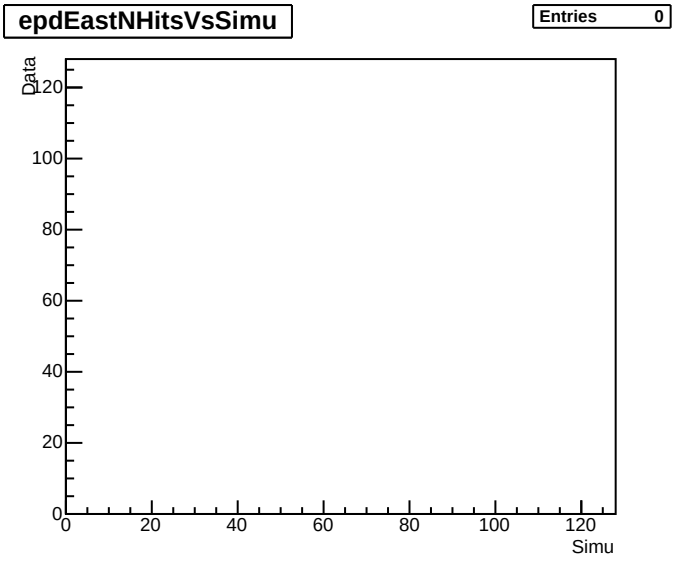
Entries 0
Data
Simu


epdEastNHits
Entries 448863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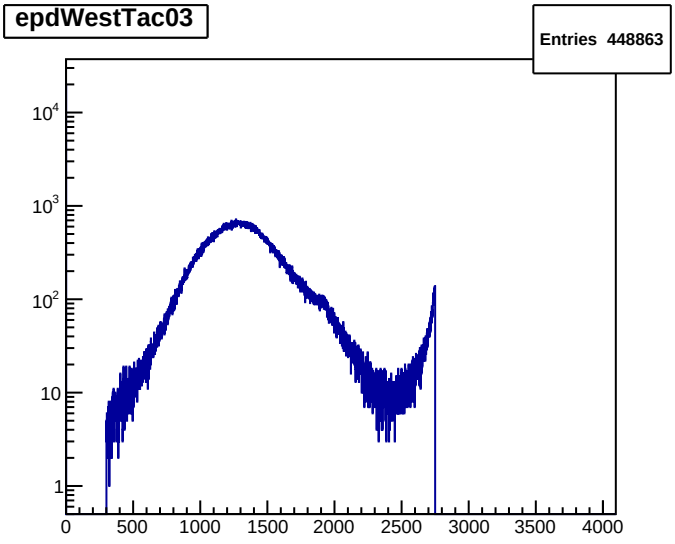
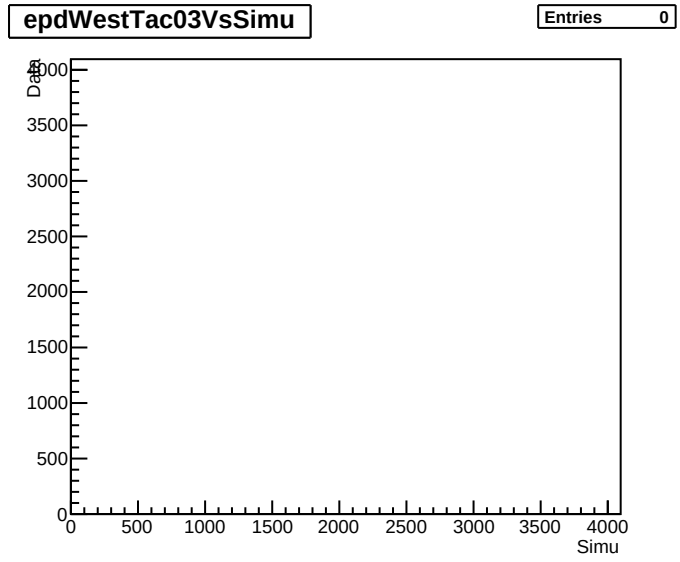
Entries 0
Data
Simu


epdWestTac03
Entries 448863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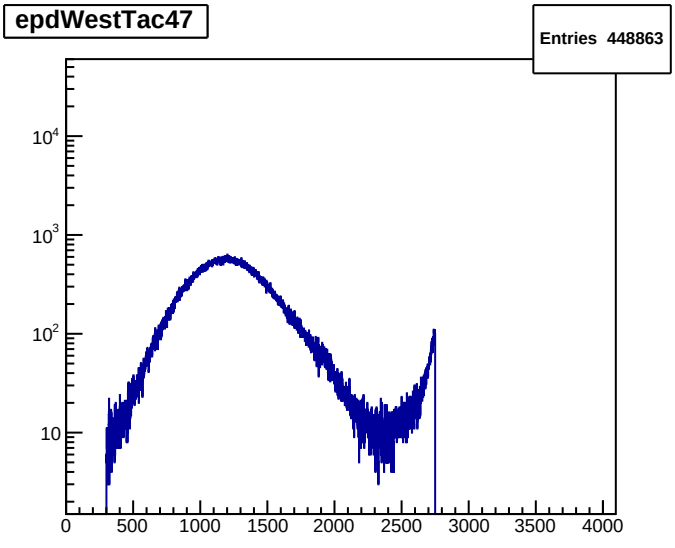
Entries 0
Data
Simu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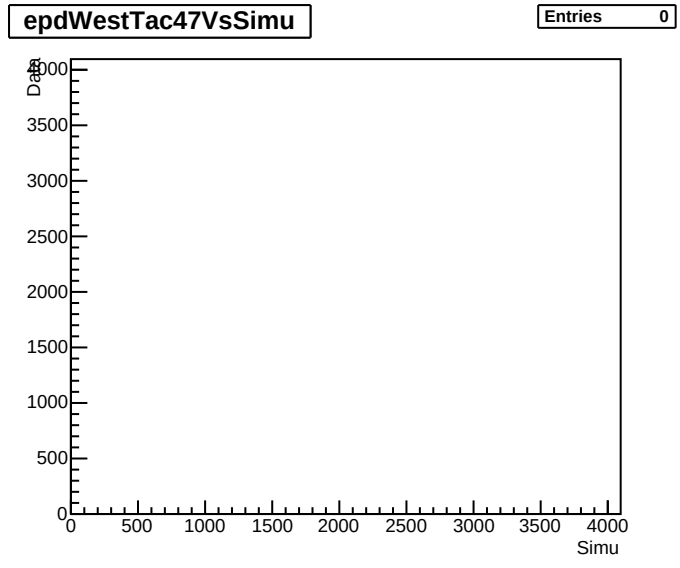
Entries 448863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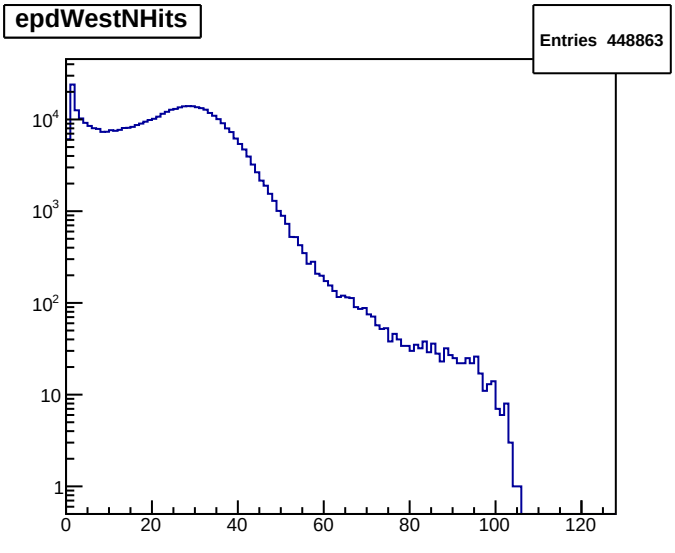
Entries 0
Data
Simu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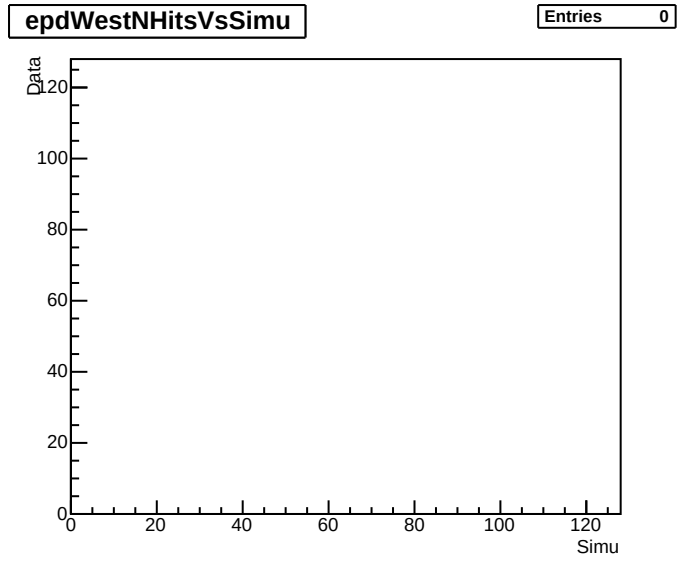
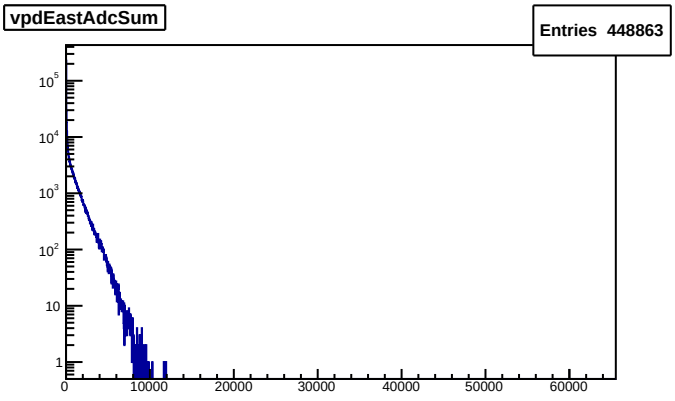
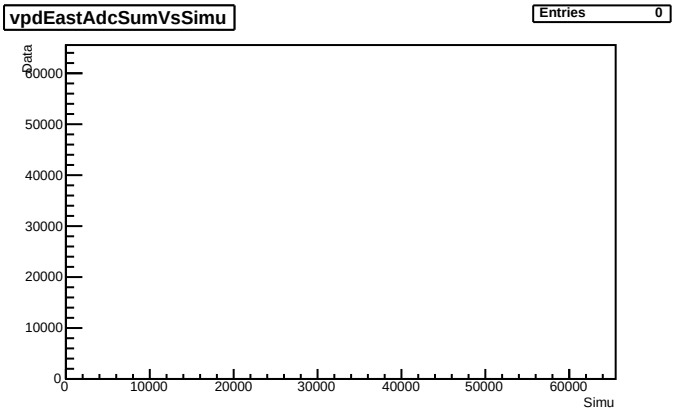
Entries 448863


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 448863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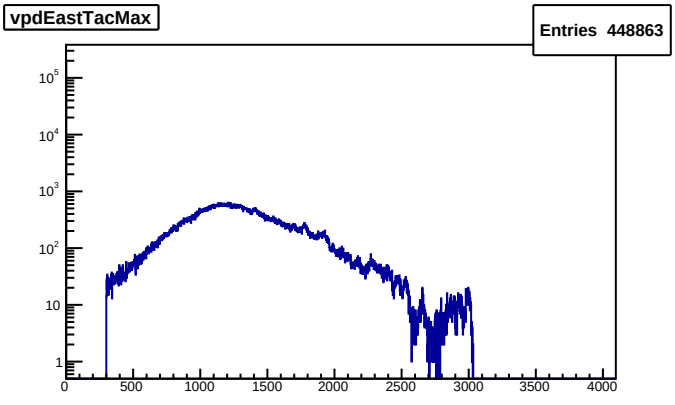
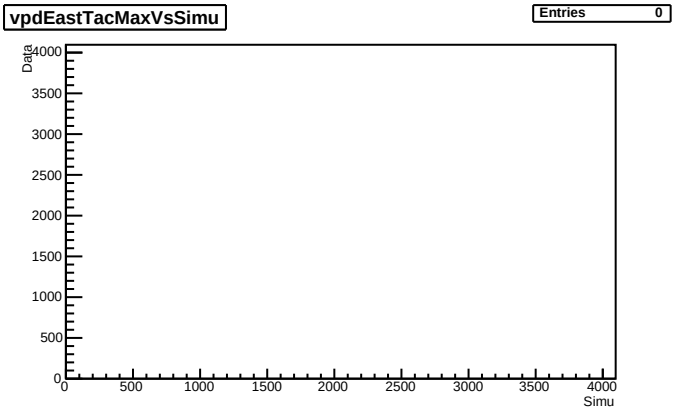
Entries 0
Data
Simu


vpdEastTacMax
Entries 448863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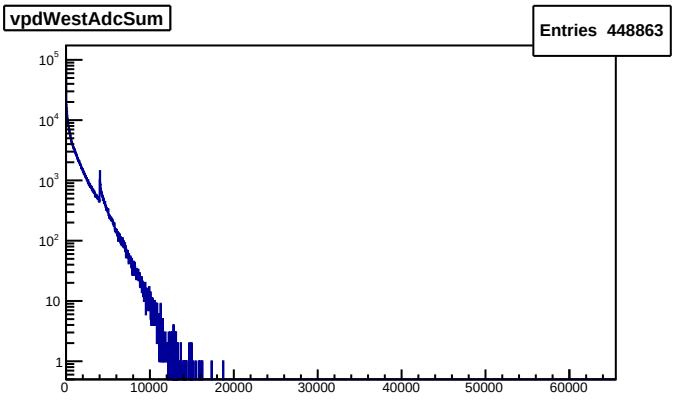
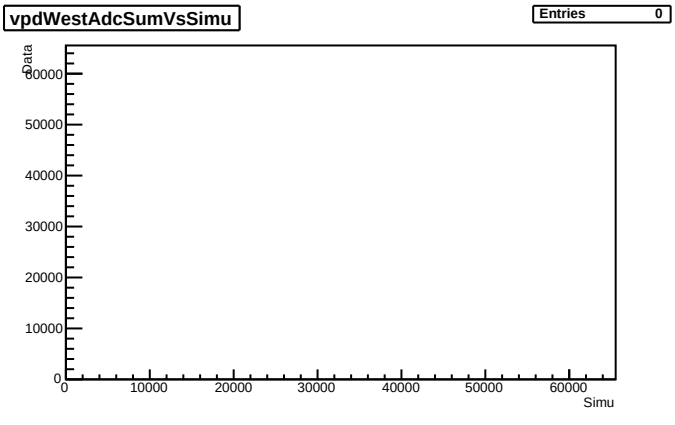
Entries 0
Data
Simu


vpdWestAdcSum
Entries 448863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Entries 0
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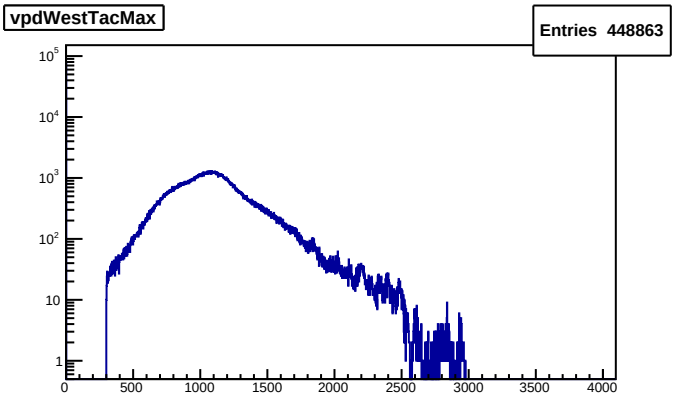
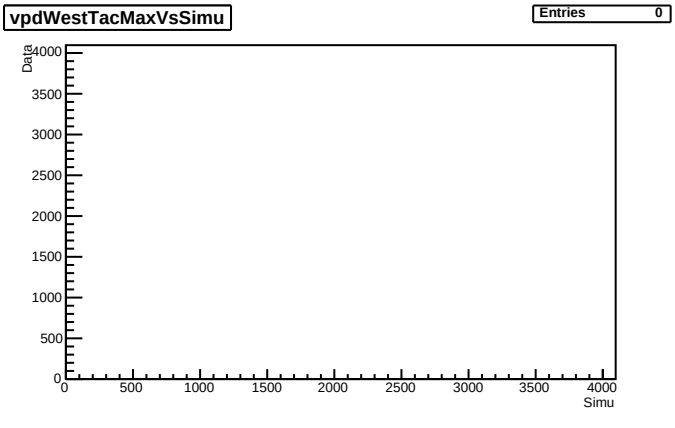
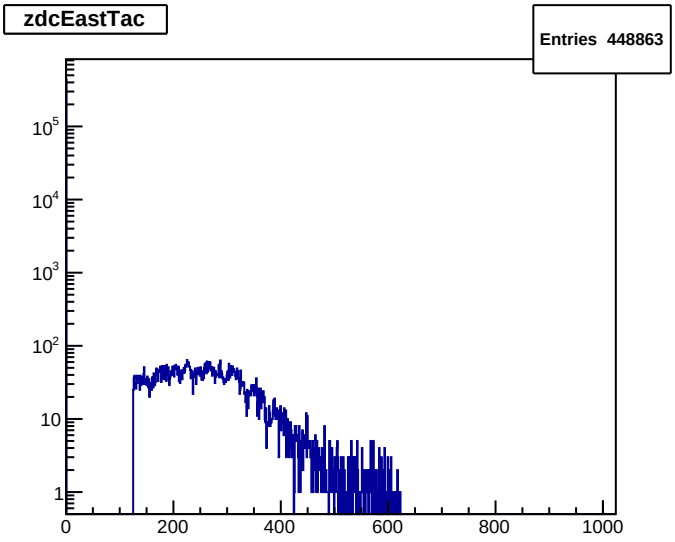
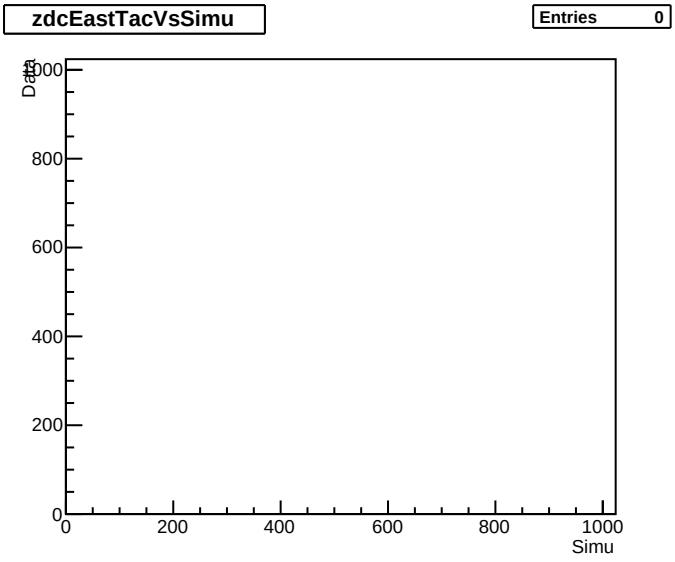
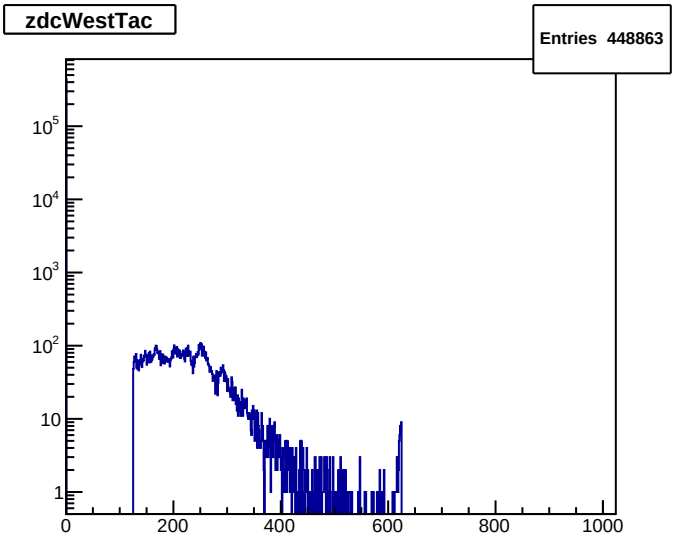
Simu

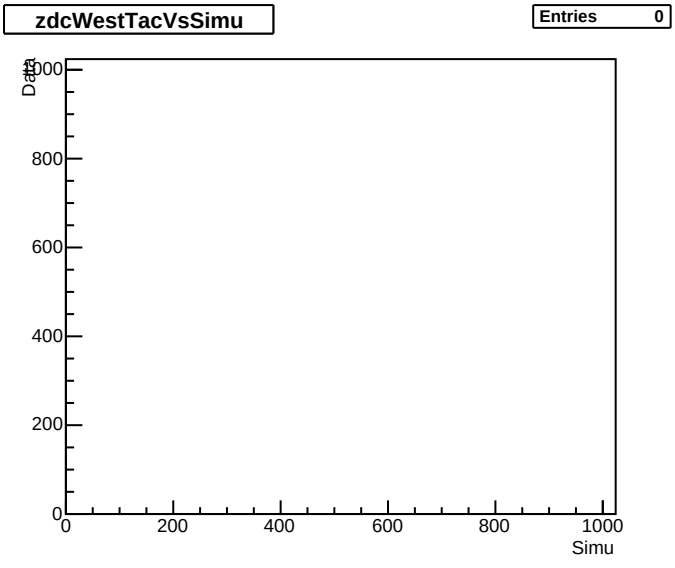

vpdWestTacMax
Entries 448863

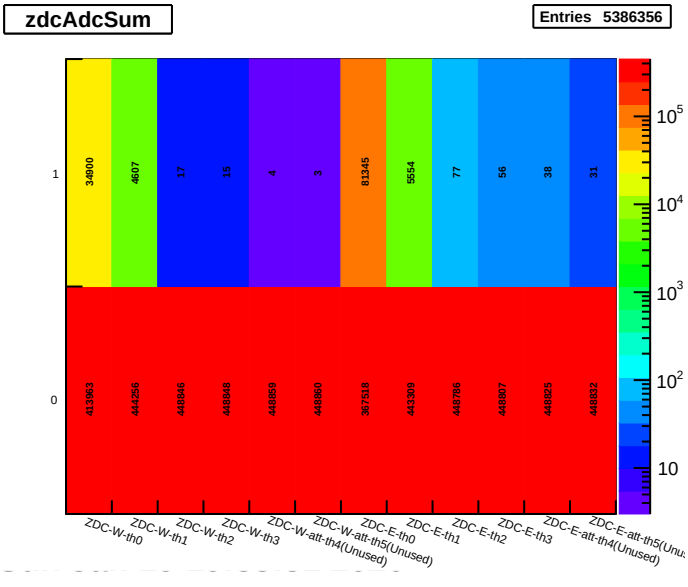

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 448863
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 448863
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcAdcSum
Entries 5386356
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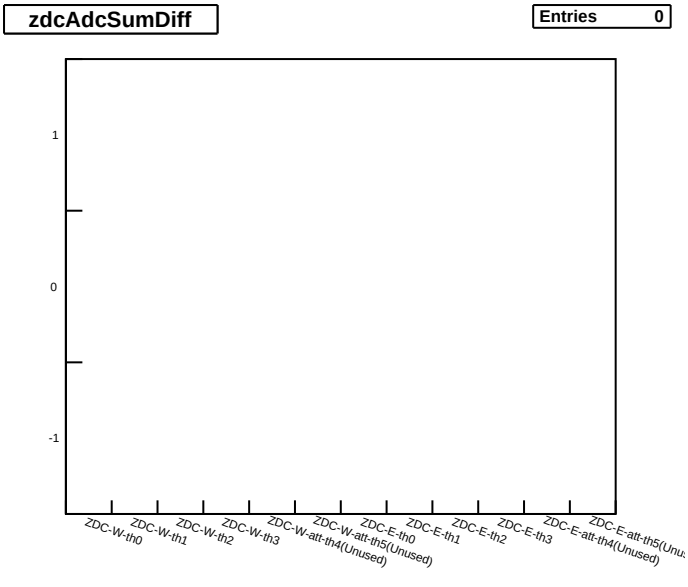
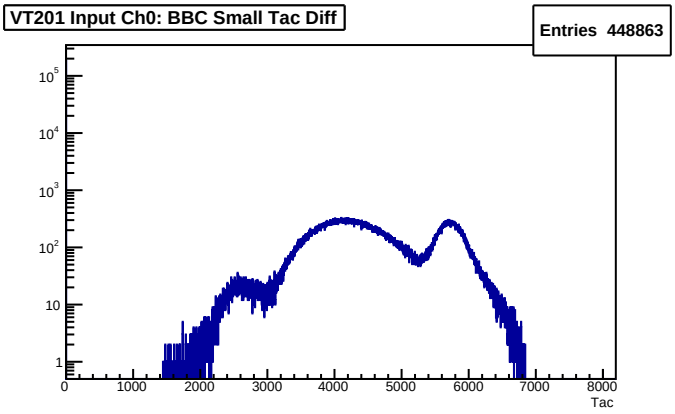
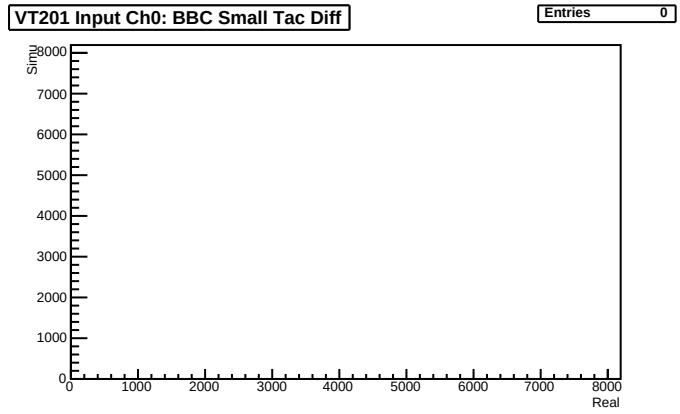
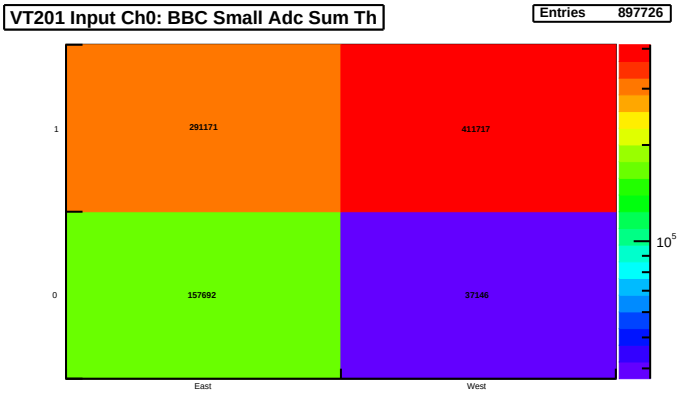
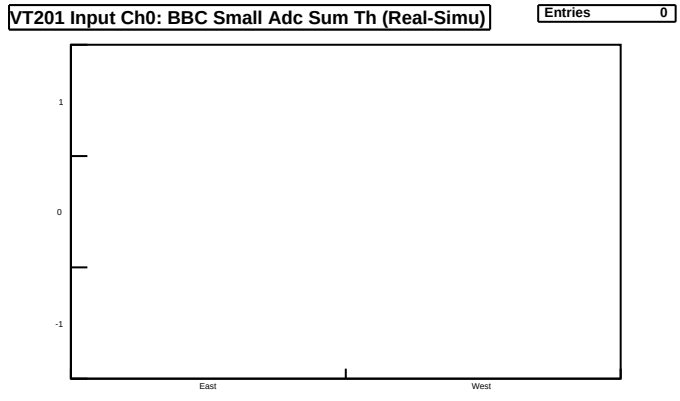
0
34900
4607
17
15
4
3
81345
5554
77
56
38
31
413963
444256
448846
448848
448859
448860
367518
443309
448786
448807
448825
448832
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

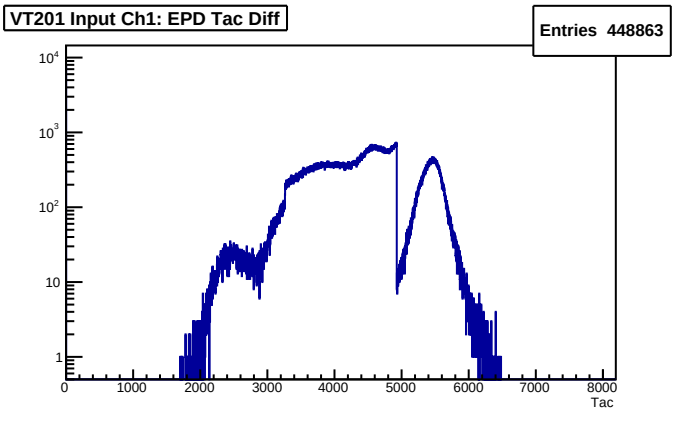

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

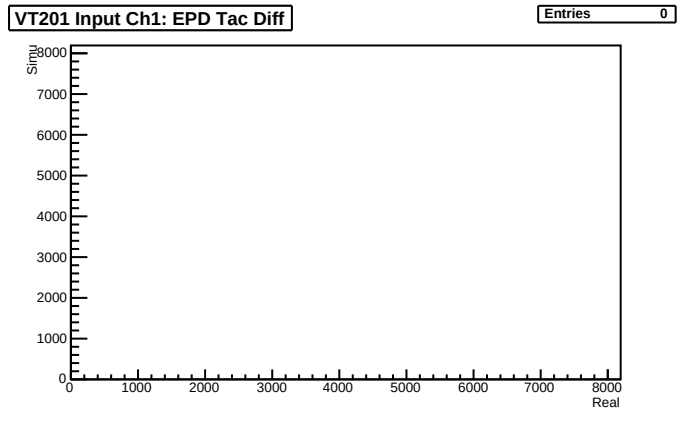

VT201 Input Ch0: BBC Small Tac Diff
Entries 448863
Tac

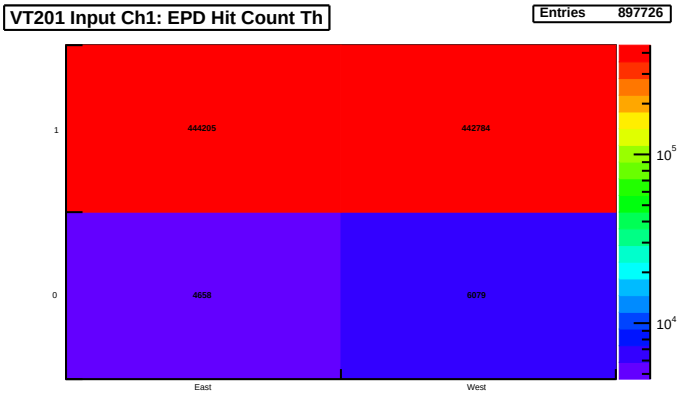

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

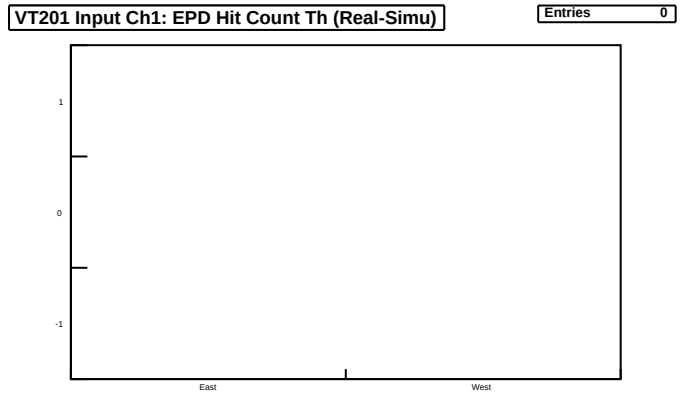

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 897726
291171
411717
157692
37146
East
West

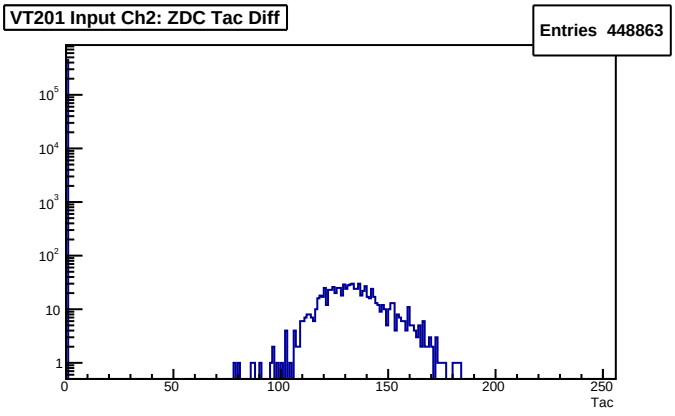

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

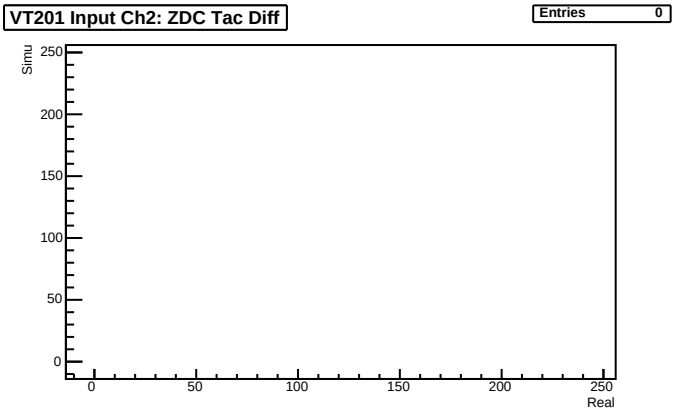

VT201 Input Ch1: EPD Tac Diff
Entries 448863
Tac

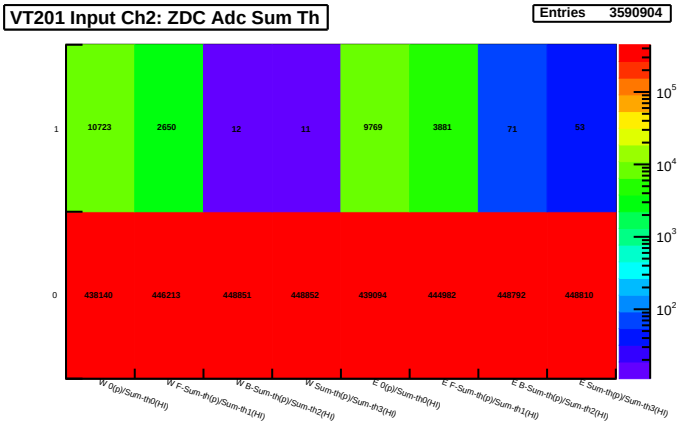

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

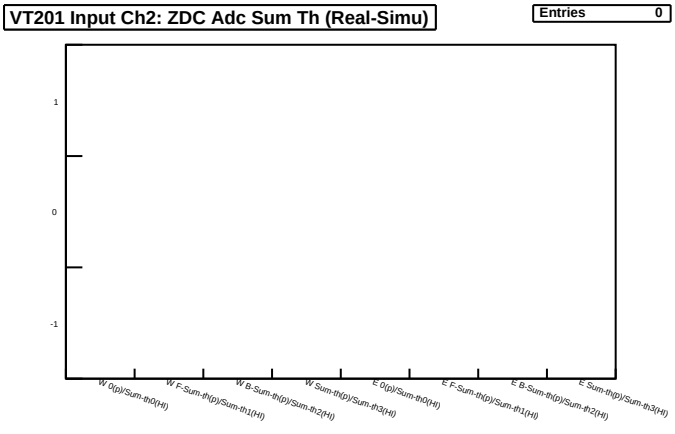

VT201 Input Ch1: EPD Hit Count Th
Entries 897726
444205
442784
4658
6079
East
West

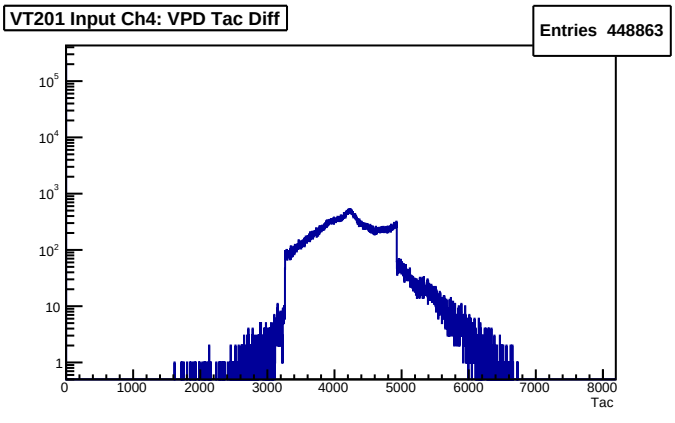

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

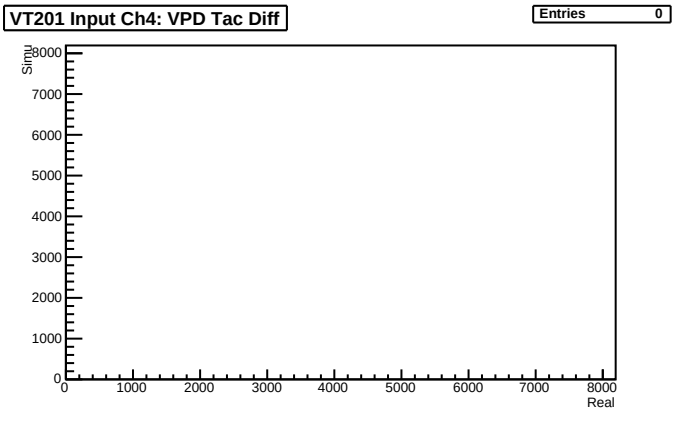

VT201 Input Ch2: ZDC Tac Diff
Entries 448863
Tac

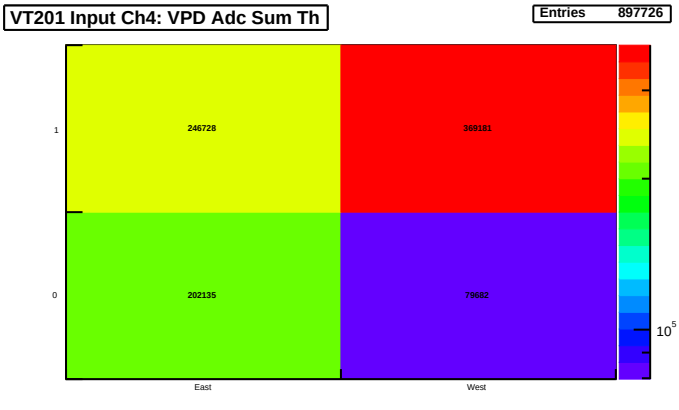

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

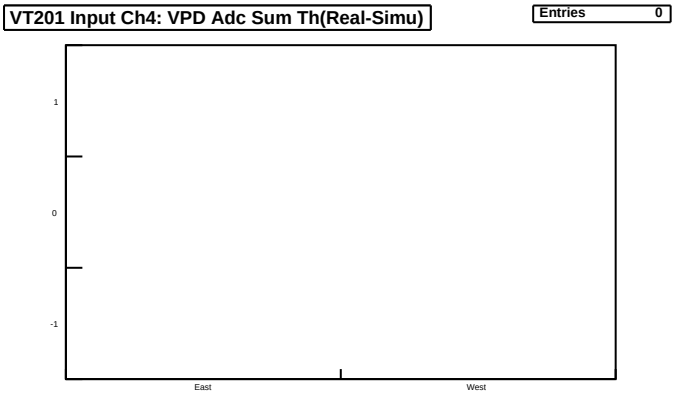

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3590904
10723
2650
12
11
9769
3881
71
53
438140
446213
448851
448852
439094
444982
448792
448810
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

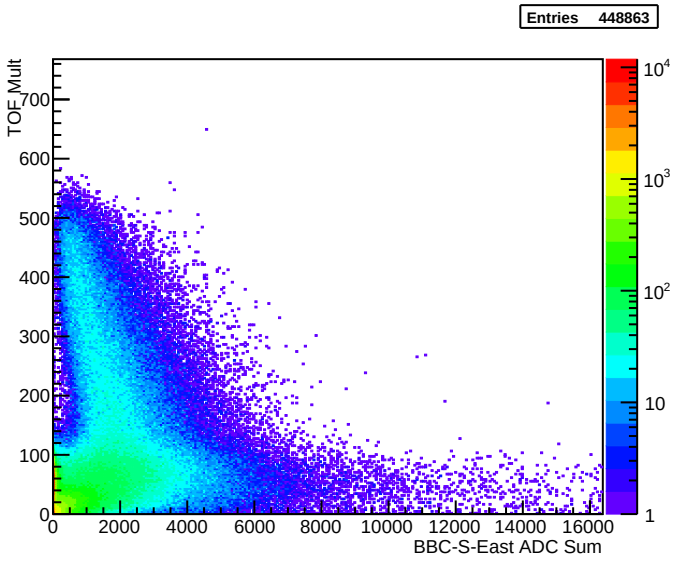

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

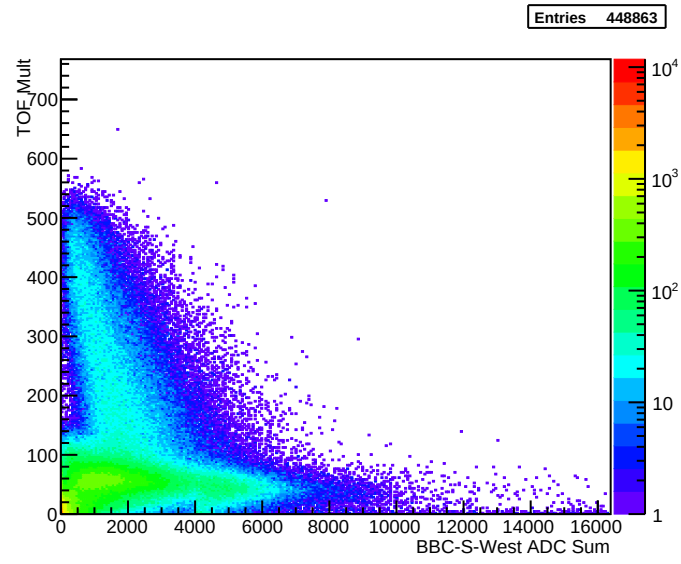

VT201 Input Ch4: VPD Tac Diff
Entries 448863
Tac

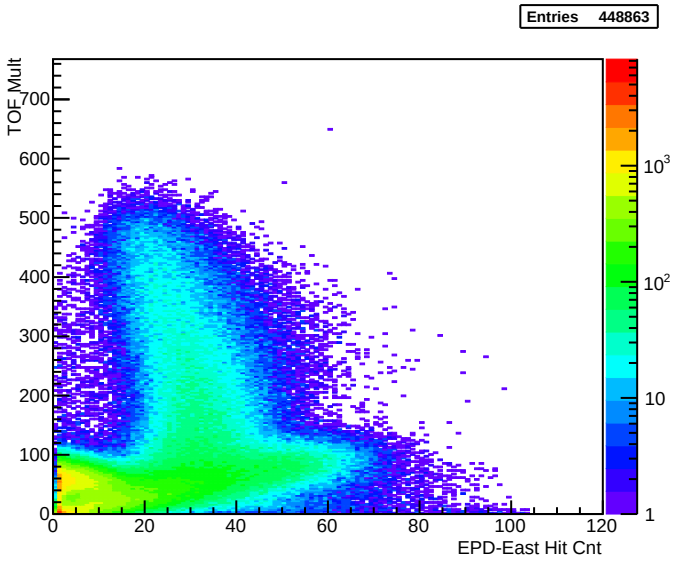

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

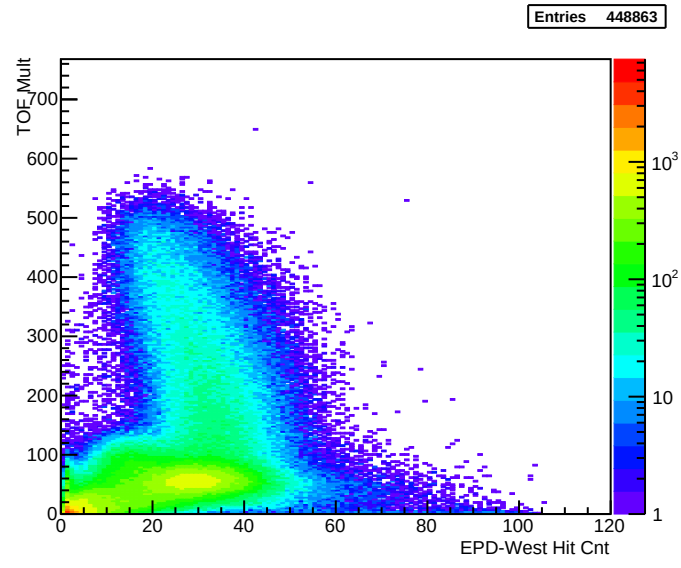

VT201 Input Ch4: VPD Adc Sum Th
Entries 897726
246728
369181
202135
79682
East
West

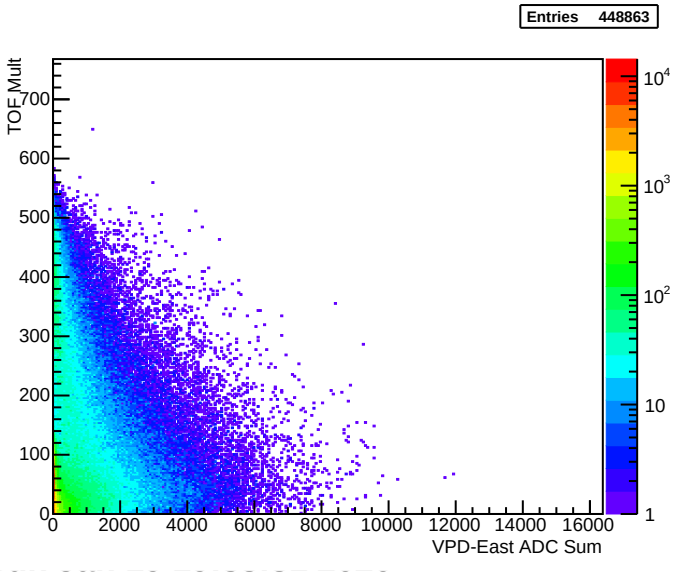

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

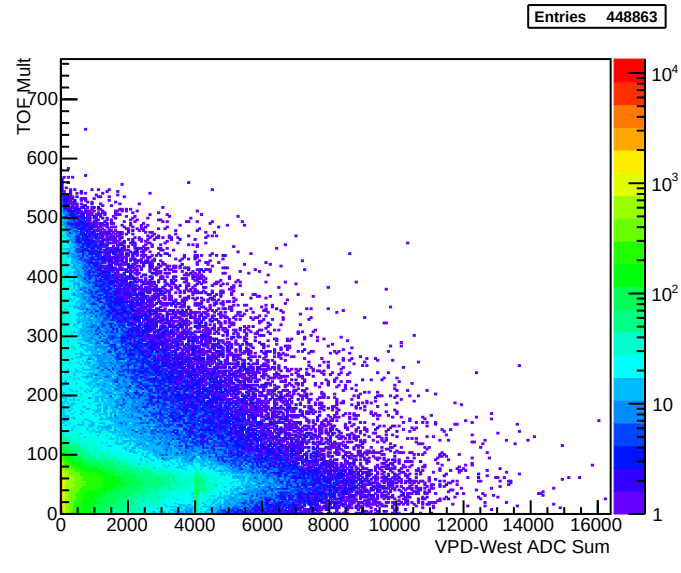

Entries 448863
TOF_Mult
BBC-S-East ADC Sum

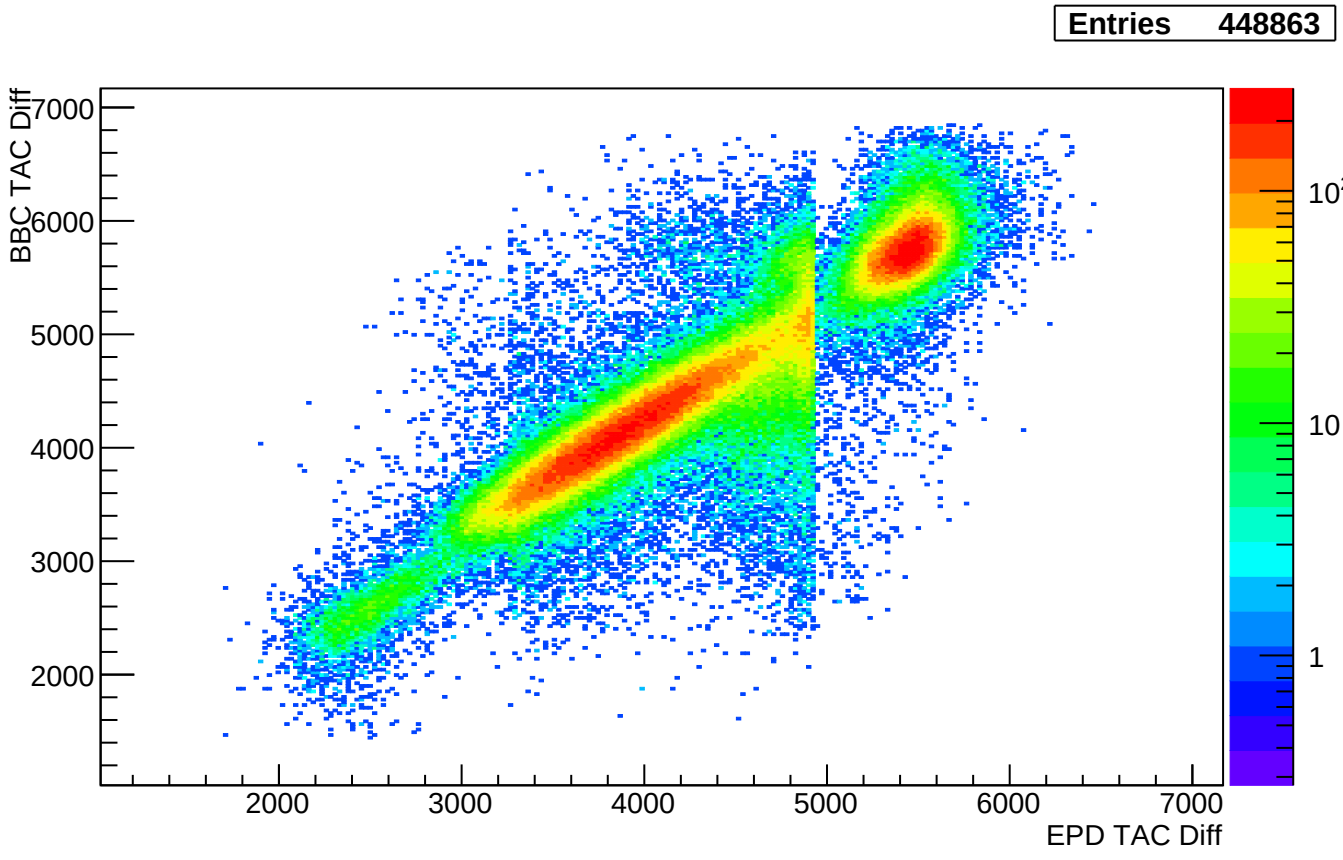

Entries 448863
TOF_Mult
BBC-S-West ADC Sum

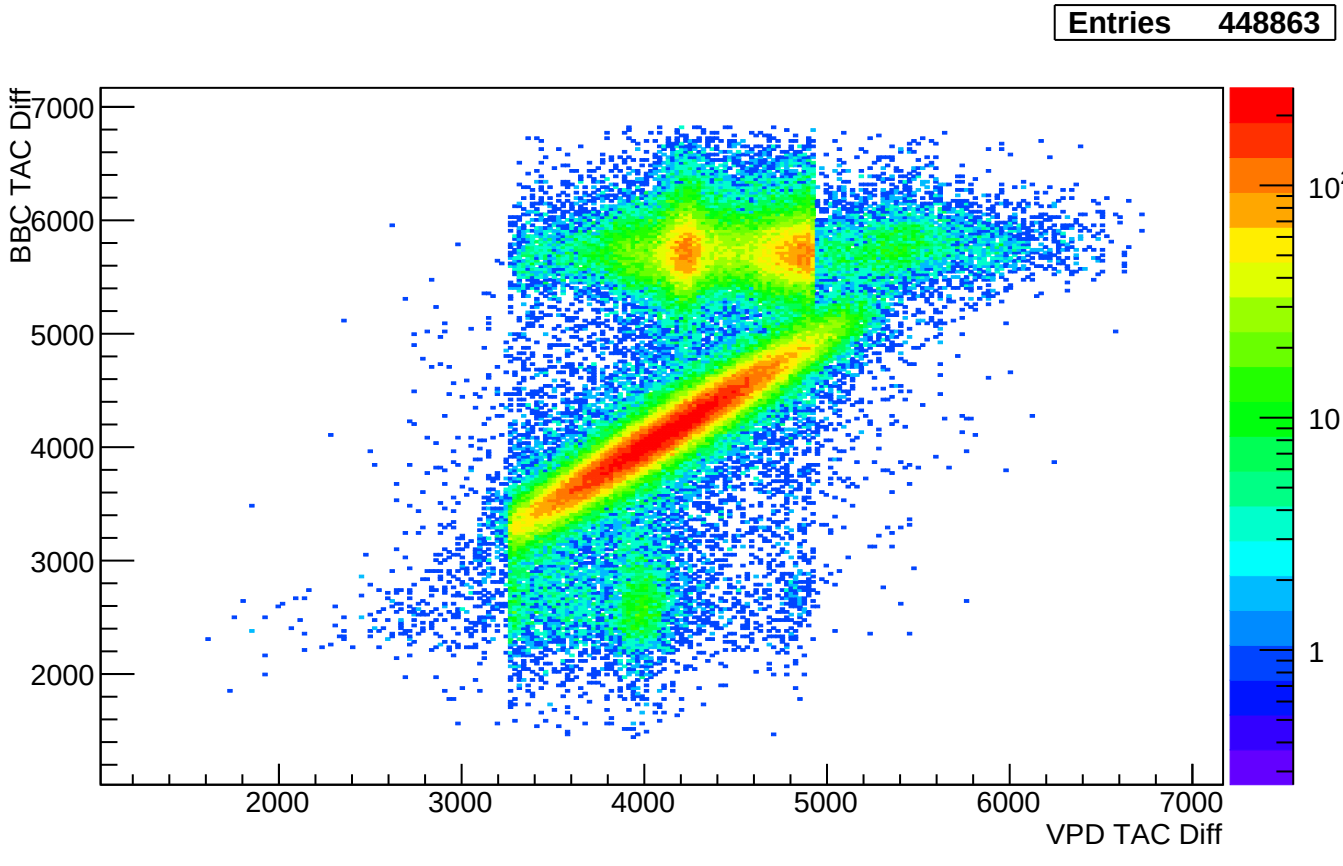

Entries 448863
TOF_Mult
EPD-East Hit Cnt

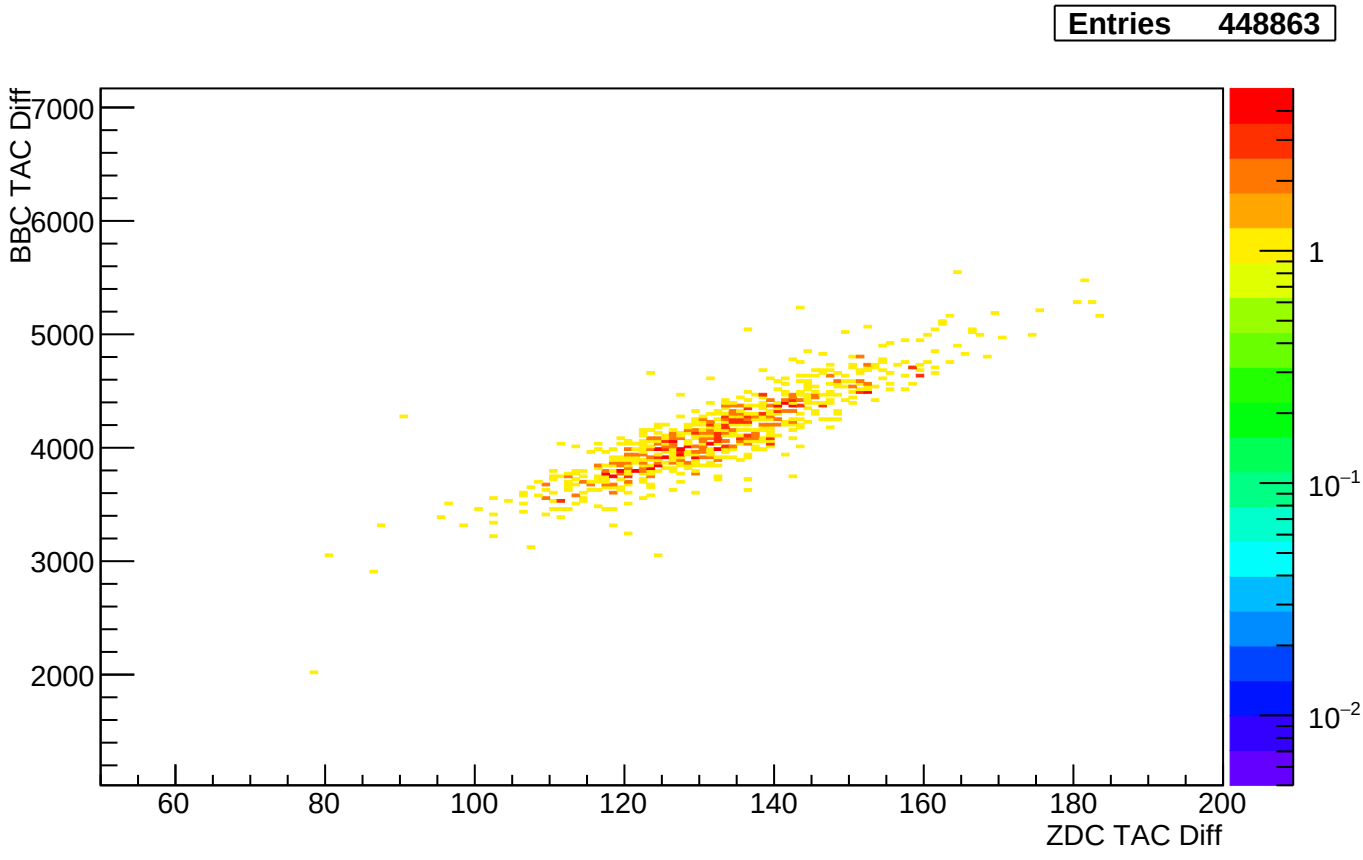

Entries 448863
TOF_Mult
EPD-West Hit Cnt

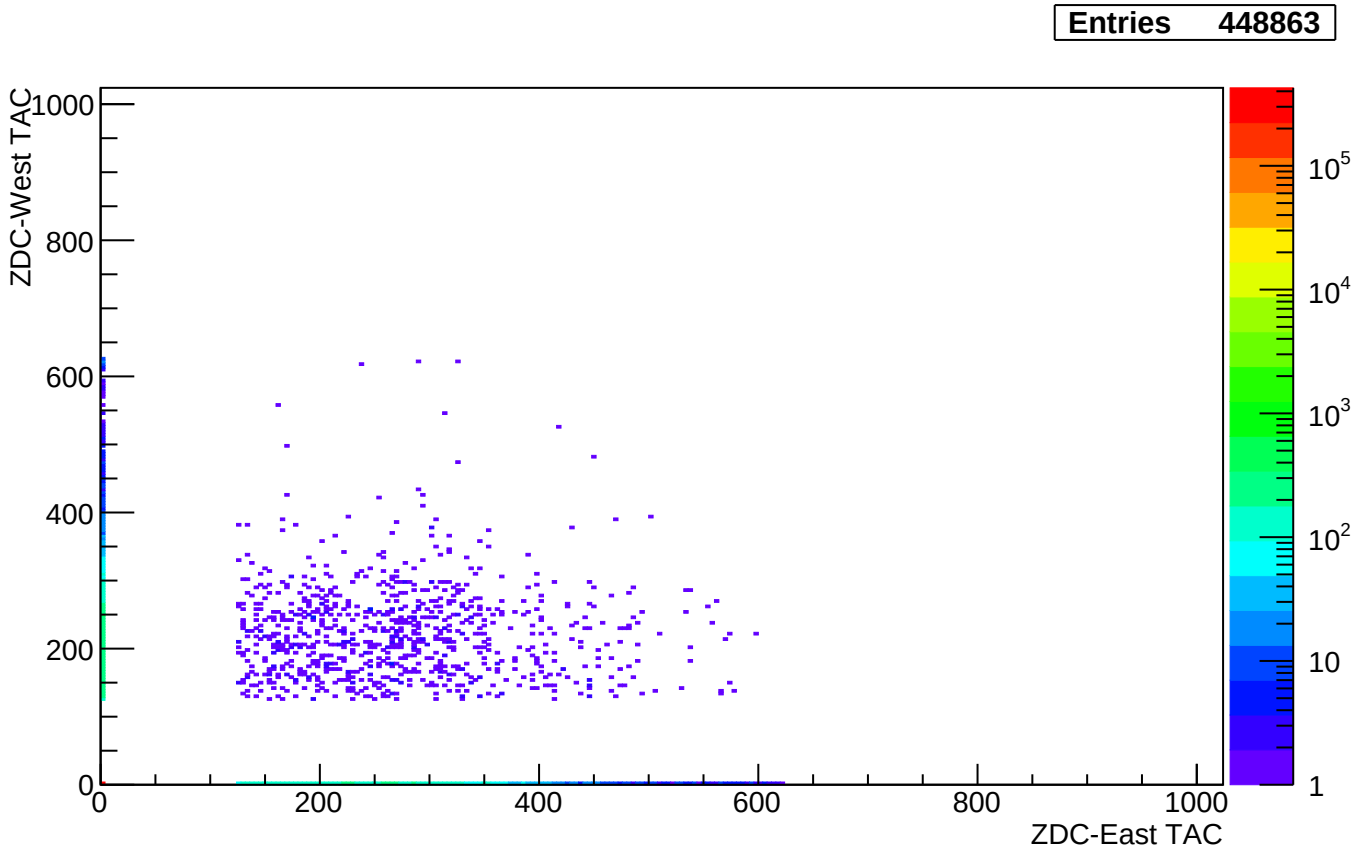

Entries 448863
TOF_Mult
VPD-East ADC Sum

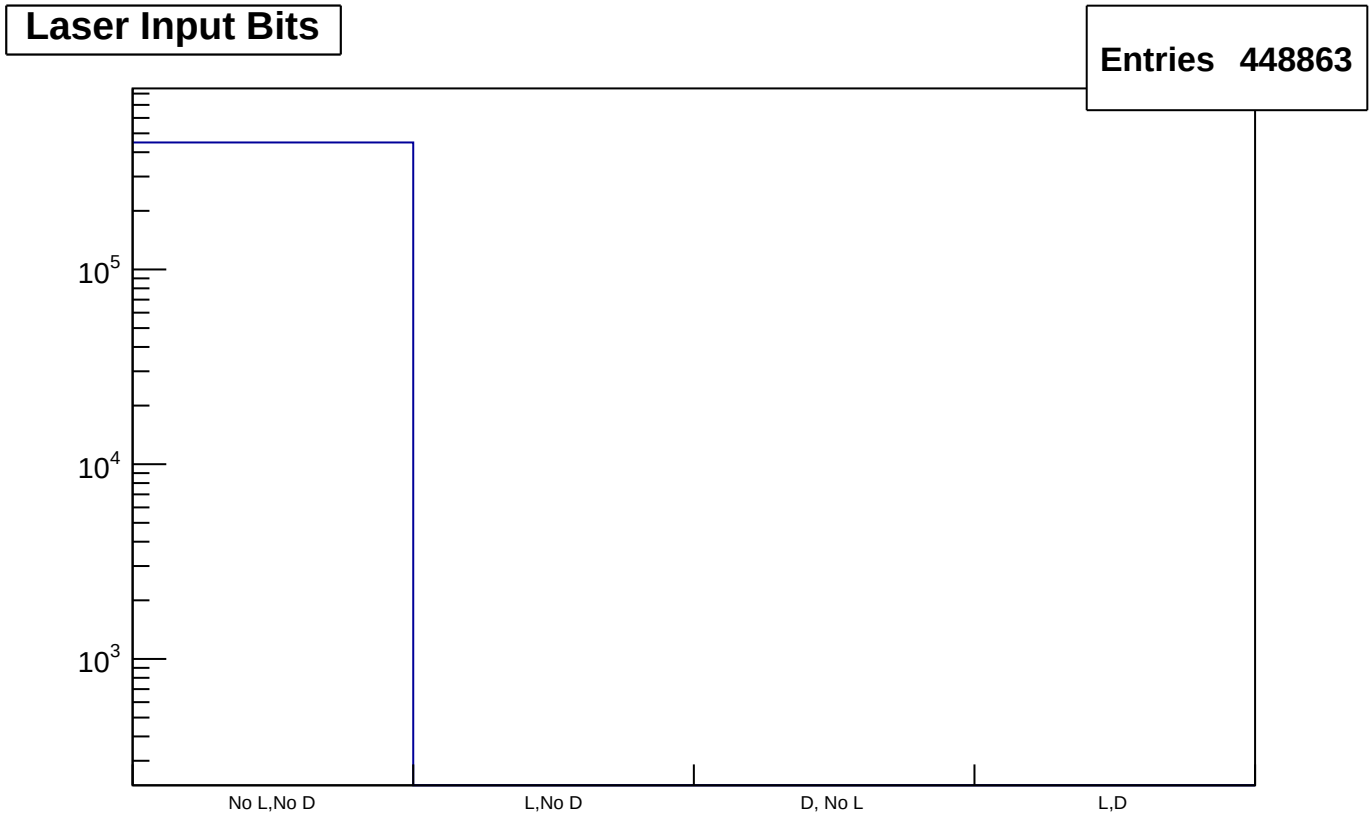

Entries 448863
TOF_Mult
VPD-West ADC Sum

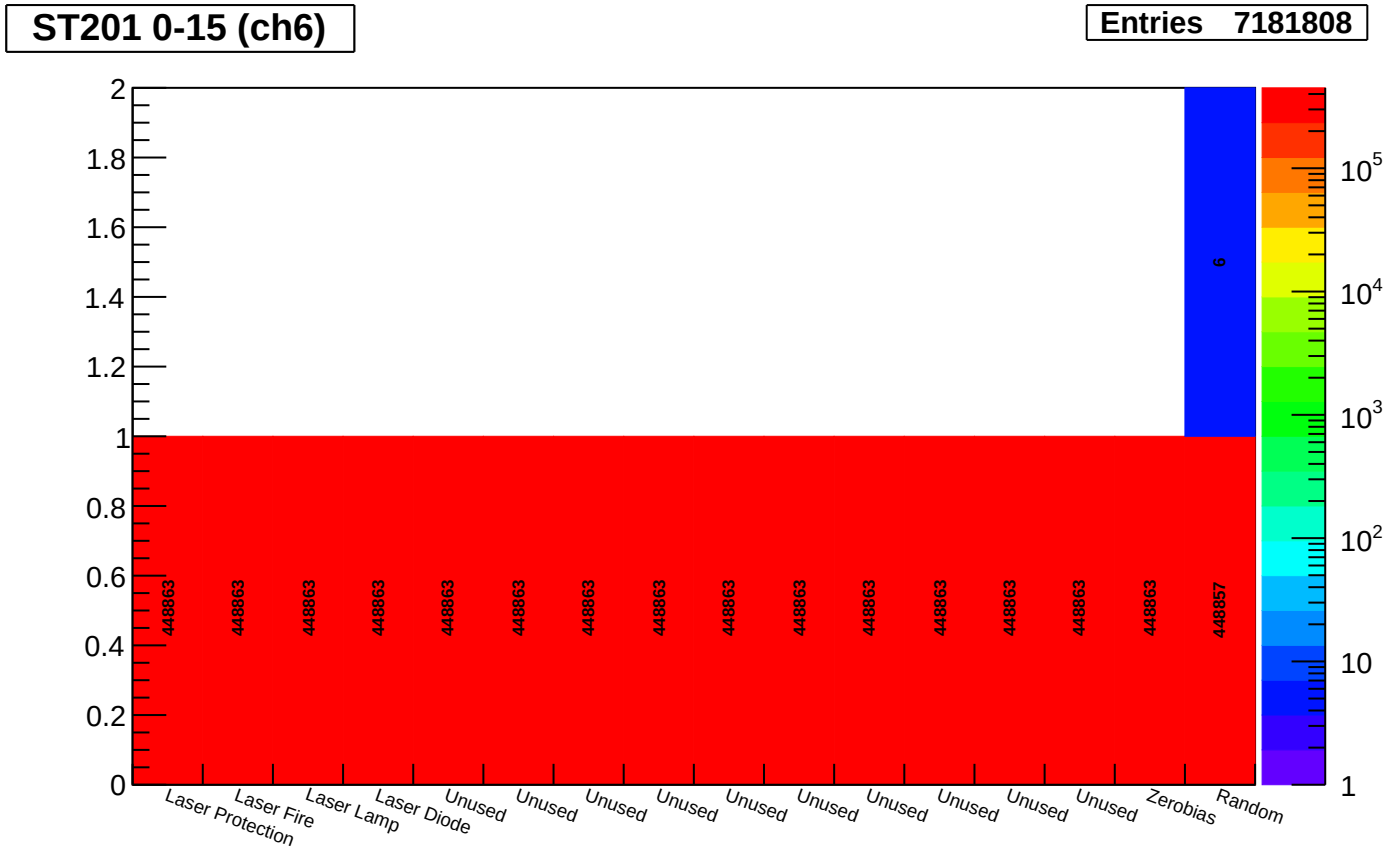

Entries 448863
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

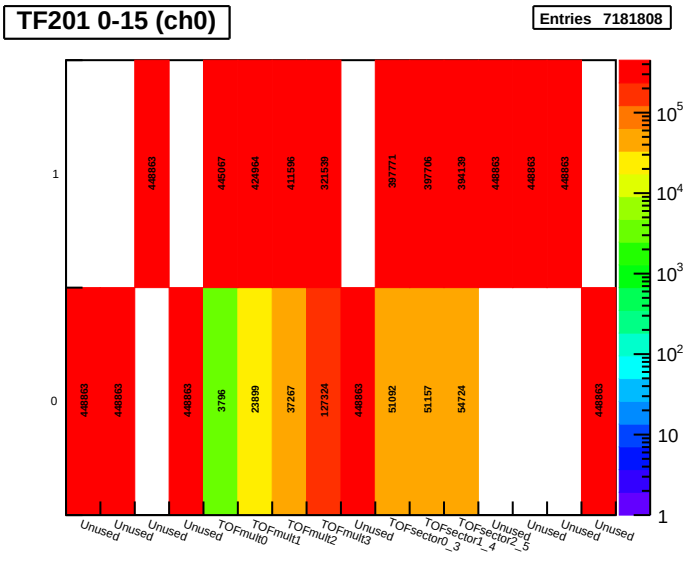

Entries 448863
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

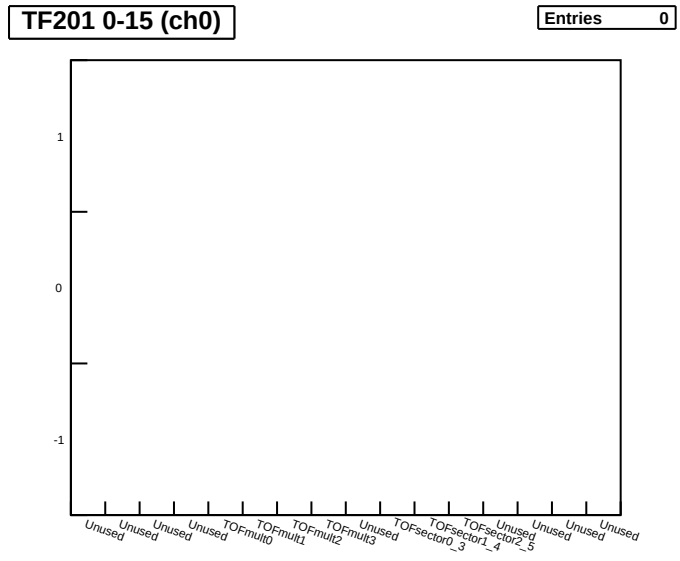

Entries 448863
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

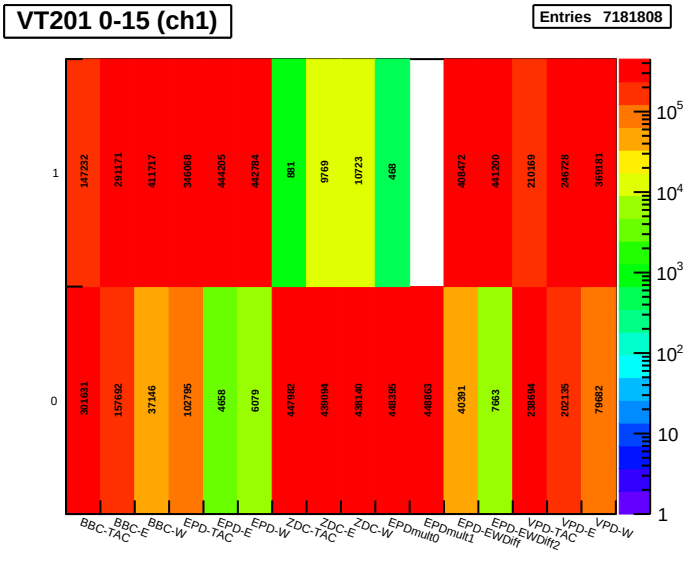

Entries 448863
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

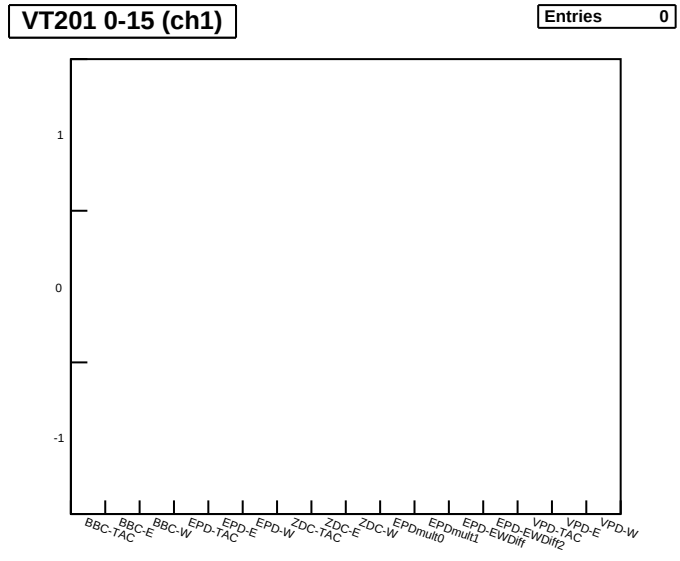

Laser Input Bits
Entries 448863
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

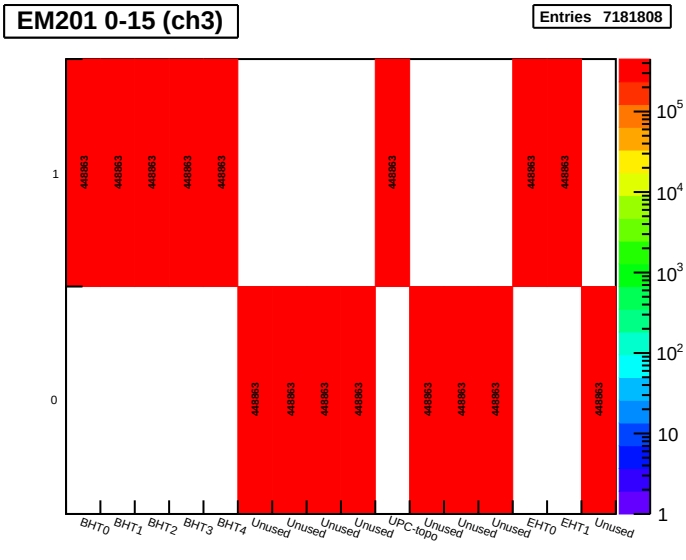

ST201 0-15 (ch6)
Entries 7181808
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448857
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

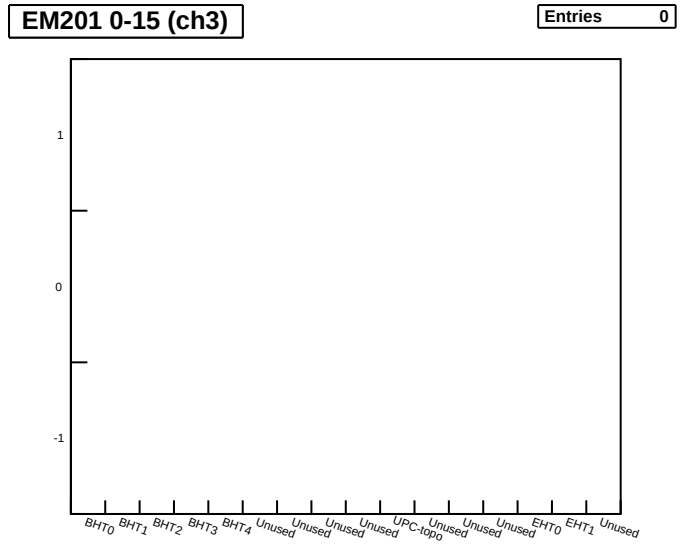

TF201 0-15 (ch0)
Entries 7181808
1
0
448863
445067
424964
411596
321539
397771
397706
394139
448863
448863
448863
448863
448863
448863
3796
23899
37267
127324
448863
51092
51157
54724
448863
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 7181808
1
0
147232
291171
411717
346068
444205
442784
881
9769
10723
468
408472
441200
210169
246728
369181
301631
157692
37146
102795
4658
6079
447982
439094
438140
448395
448863
40391
7663
238694
202135
79682
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 7181808
1
0
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
448863
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