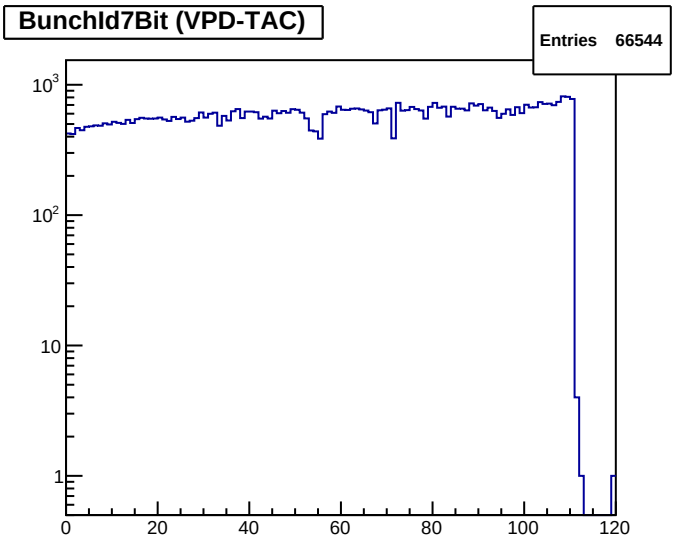
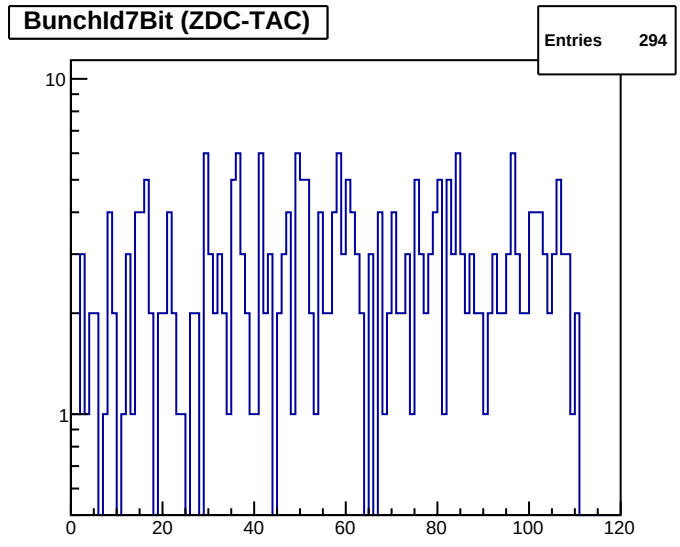
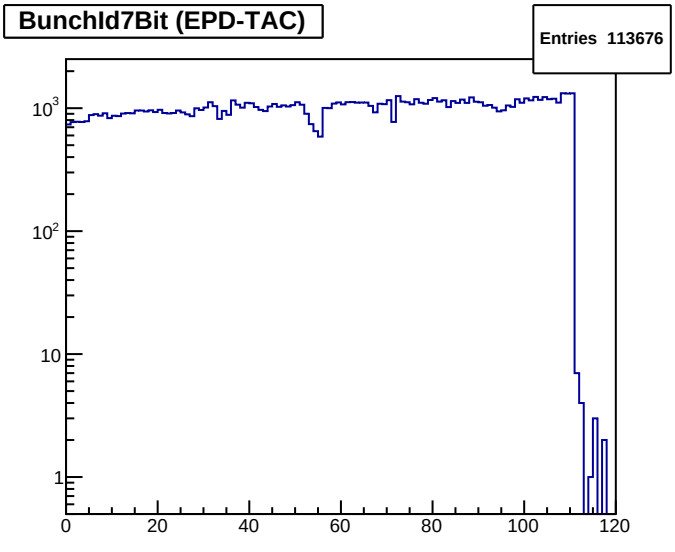
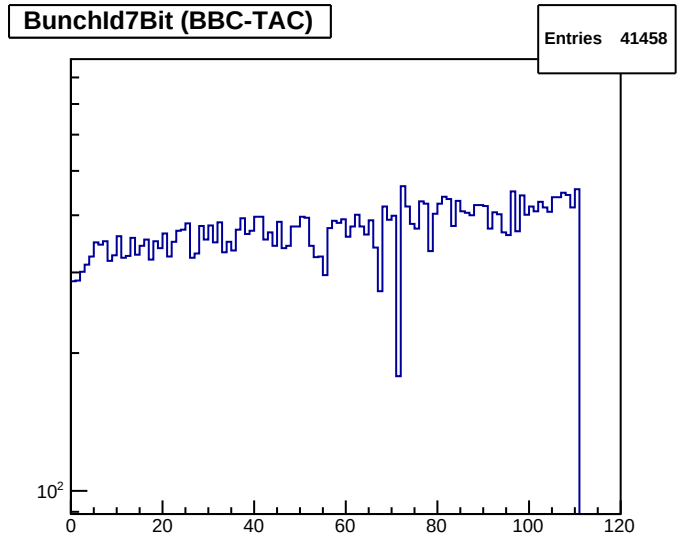
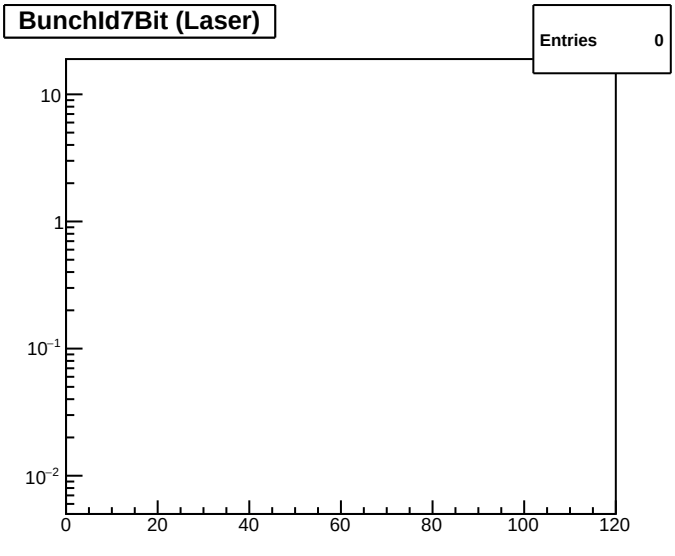
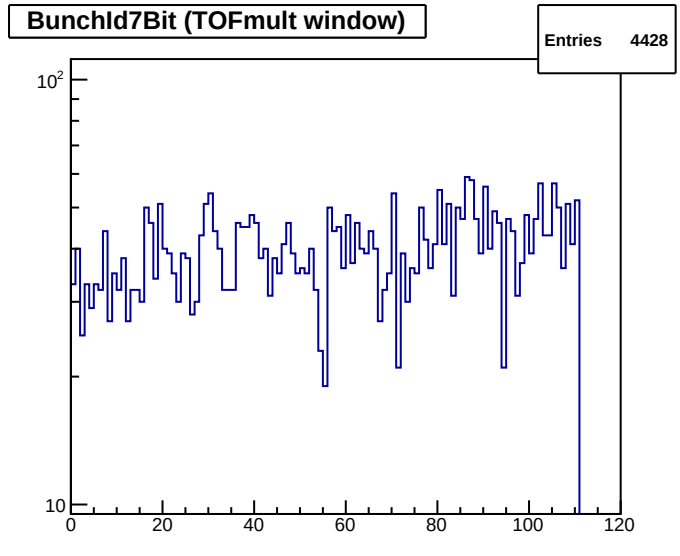

BunchId7Bit (VPD-TAC)
Entries 66544

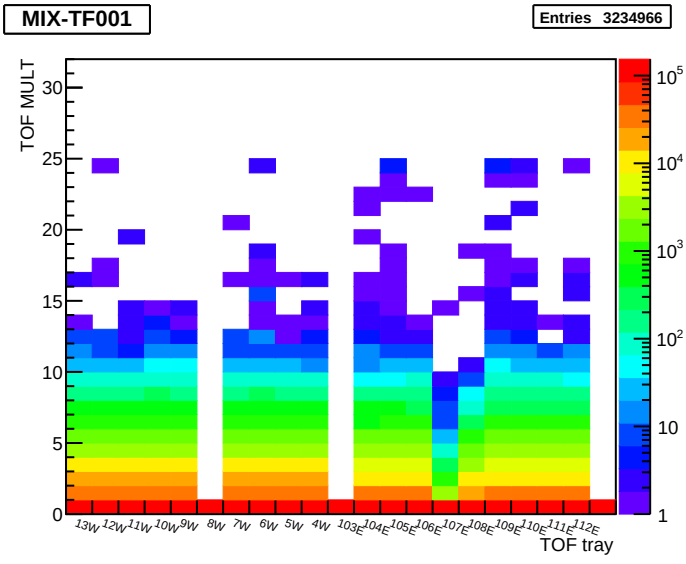

BunchId7Bit (ZDC-TAC)
Entries 294

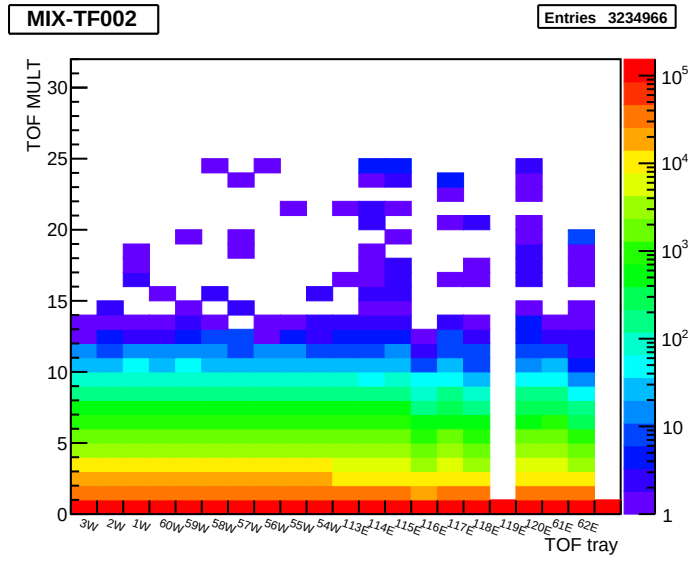

BunchId7Bit (EPD-TAC)
Entries 113676

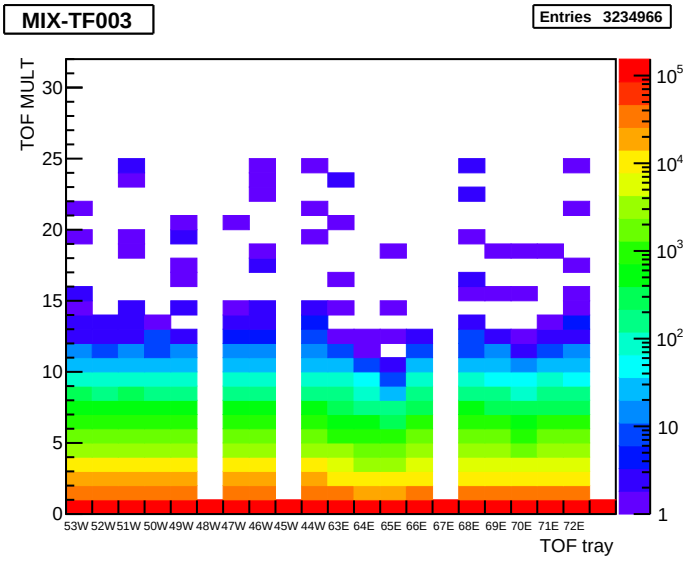

BunchId7Bit (BBC-TAC)
Entries 41458

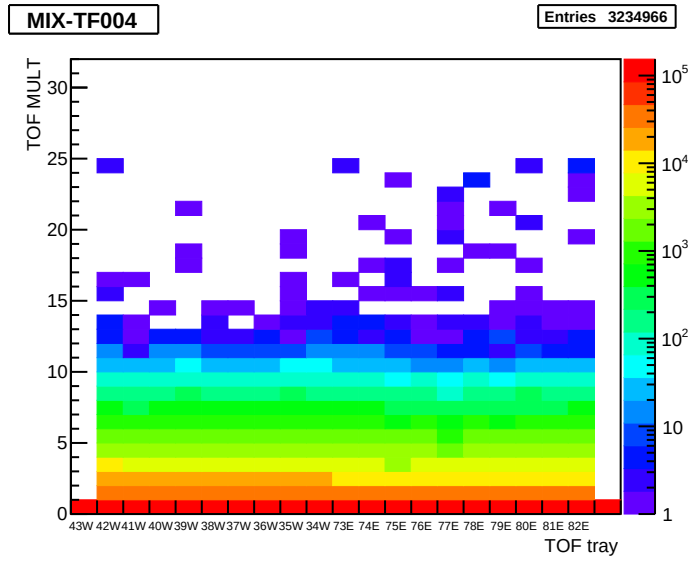

BunchId7Bit (Laser)
Entries 0

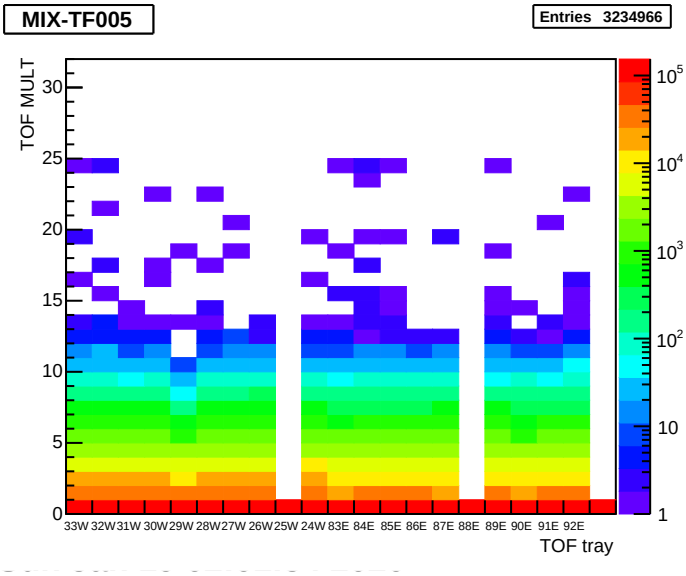

BunchId7Bit (TOFmult window)
Entries 4428

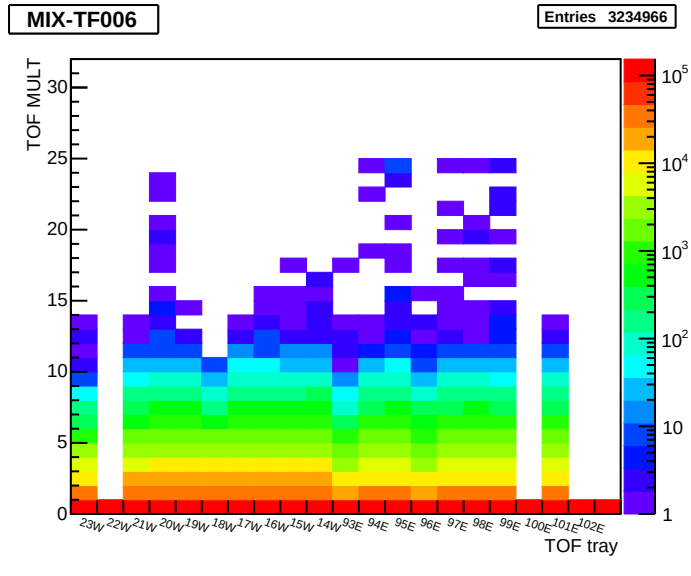

MIX-TF001
Entries 3234966
TOF MULT
TOF tray

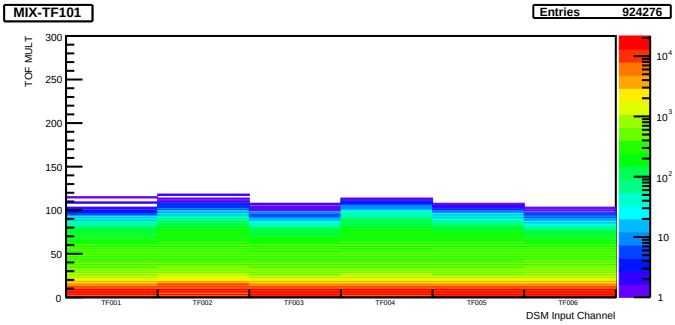

MIX-TF002
Entries 3234966
TOF MULT
TOF tray

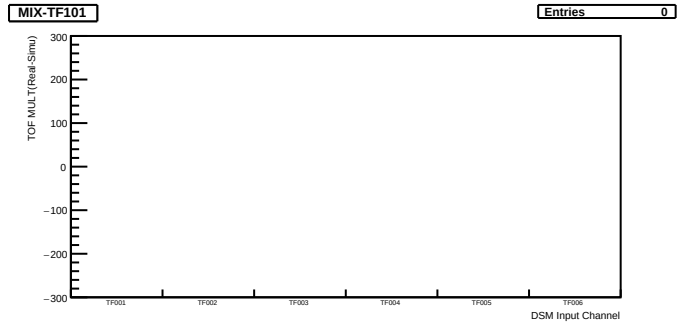

MIX-TF003
Entries 3234966
TOF MULT
TOF tray

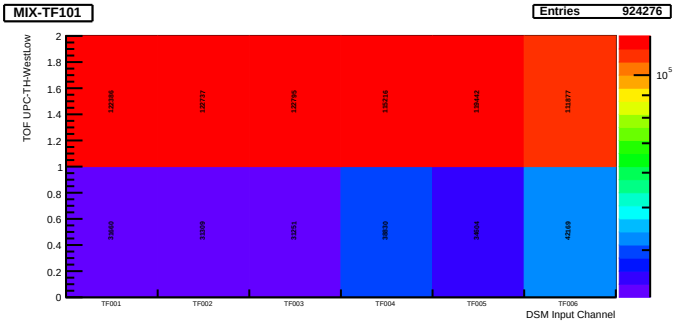

MIX-TF004
Entries 3234966
TOF MULT
TOF tray

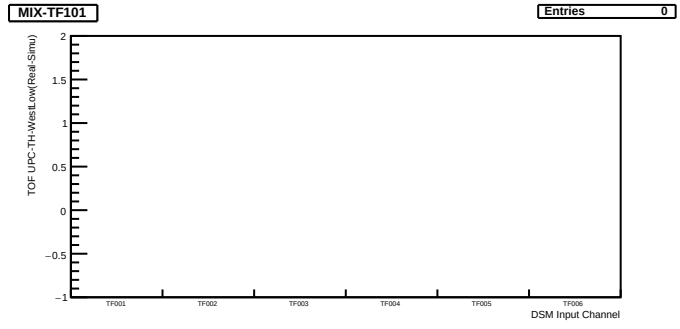

MIX-TF005
Entries 3234966
TOF MULT
TOF tray

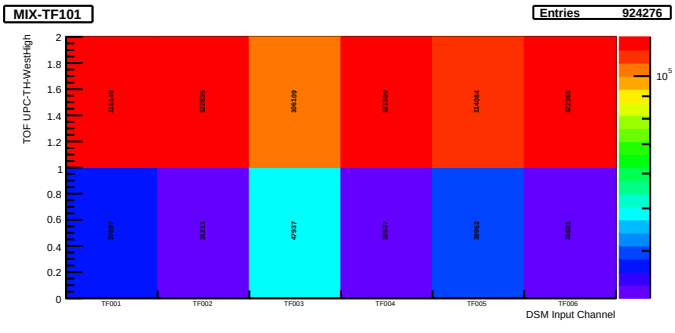

MIX-TF006
Entries 3234966
TOF MULT
TOF tray

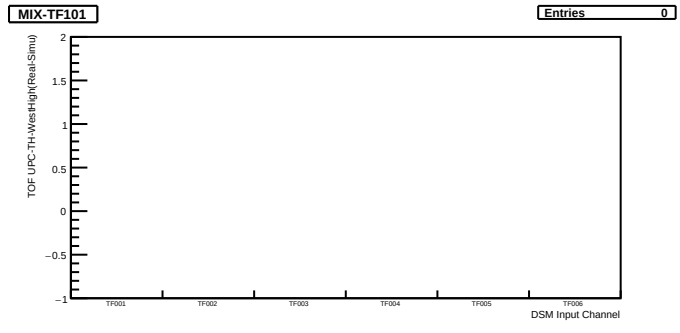

MIX-TF101
Entries 924276
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

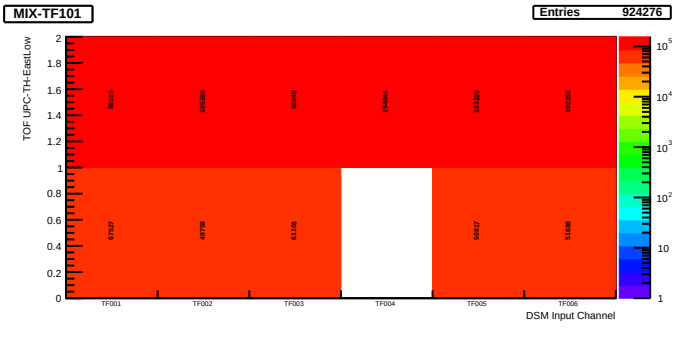

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

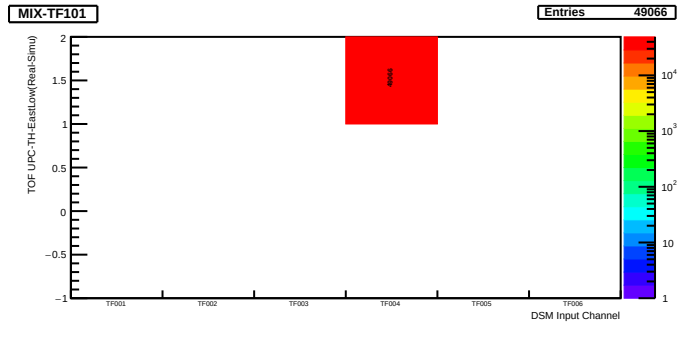

MIX-TF101
Entries 924276
TOF UPC-TH-WestLow
122166
122737
122795
135216
138442
131877
31660
31309
31251
38830
36604
42149
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

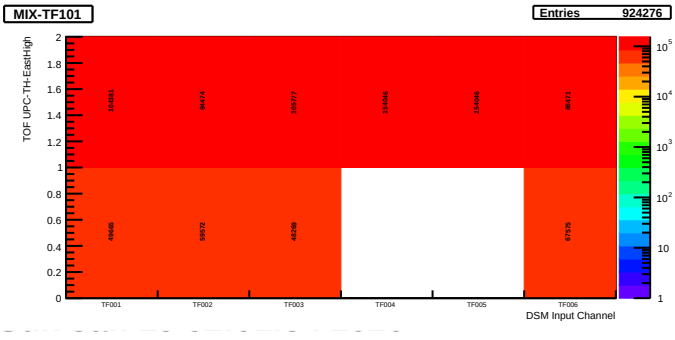

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

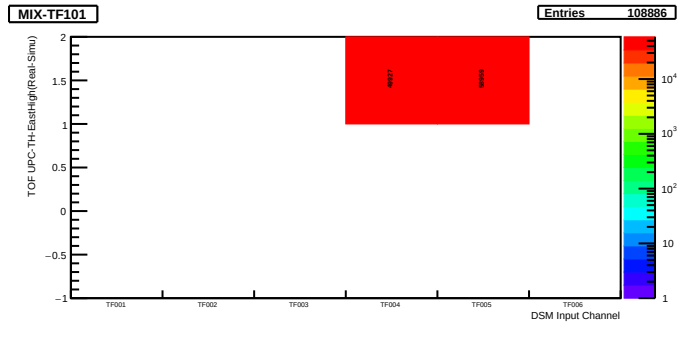

MIX-TF101
Entries 924276
TOF UPC-TH-WestHigh
126149
122835
306109
321509
314684
322365
32687
33211
47937
35537
39962
31461
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

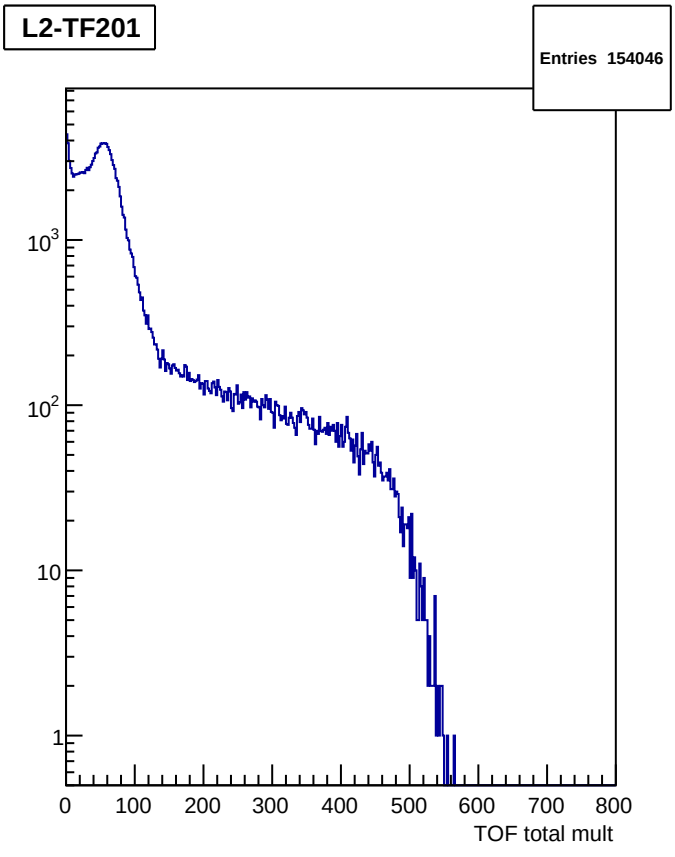

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

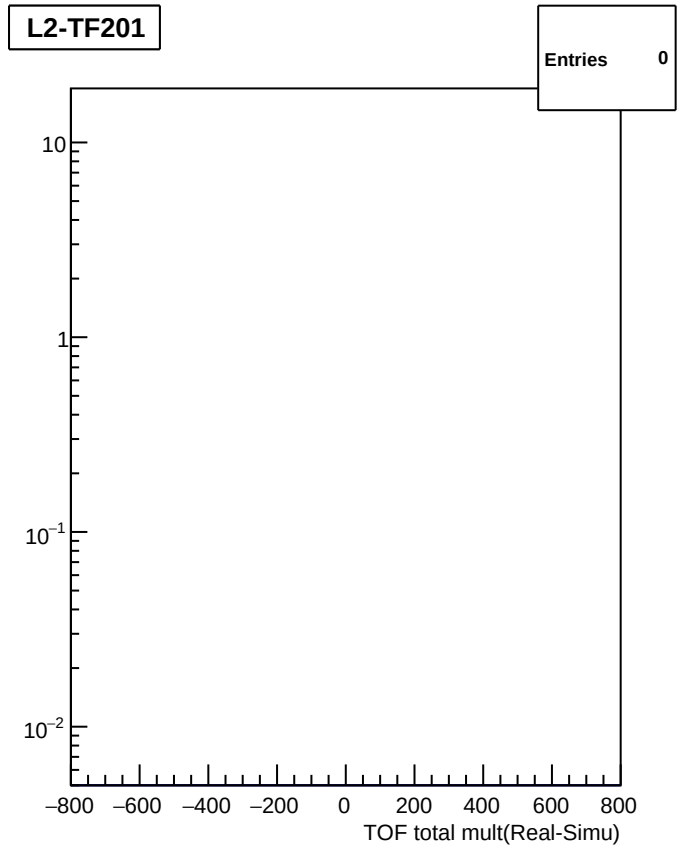

MIX-TF101
Entries 924276
TOF UPC-TH-EastLow
85519
105283
82940
154046
103229
102268
67527
45798
61106
50817
51488
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

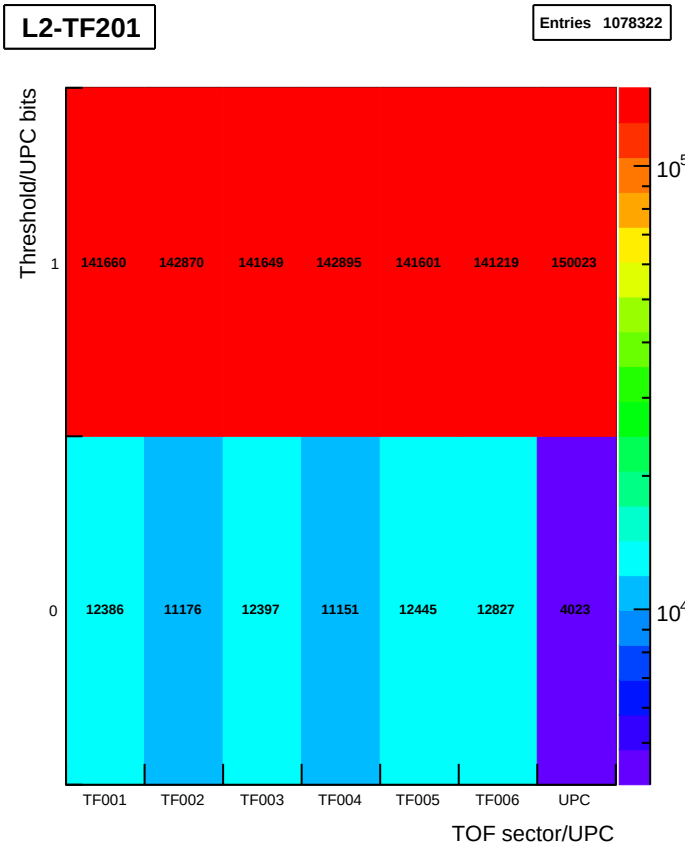

MIX-TF101
Entries 49066
TOF UPC-TH-EastLow(Real-Simu)
49066
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

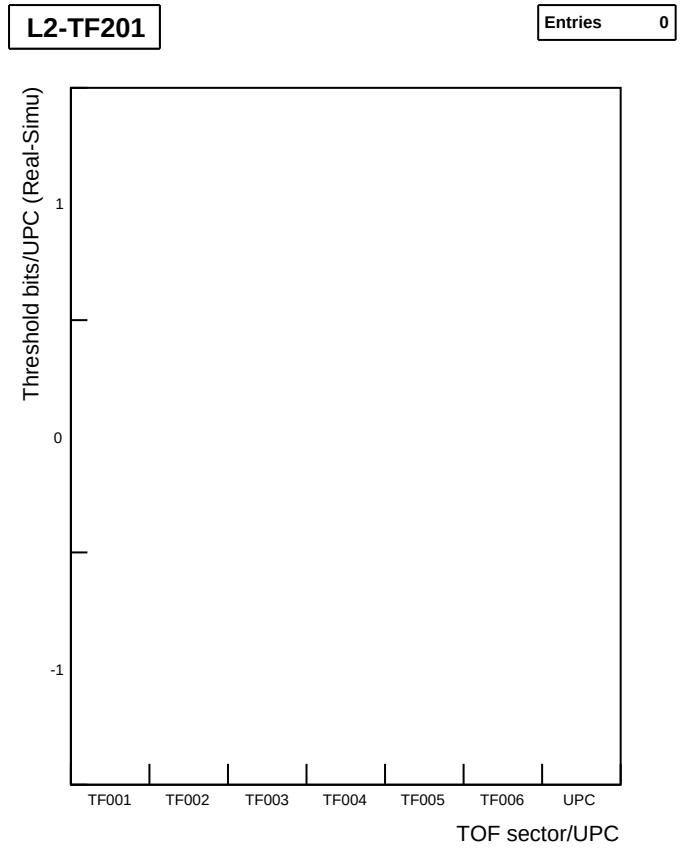

MIX-TF101
Entries 924276
TOF UPC-TH-EastHigh
104831
94474
105777
154046
154046
86471
49065
55572
48289
67575
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

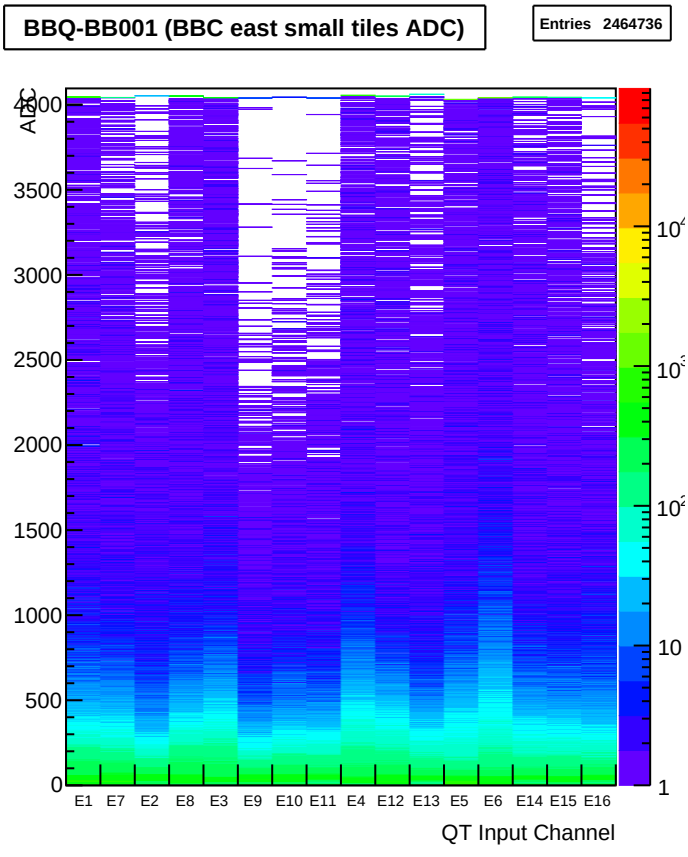

MIX-TF101
Entries 108886
TOF UPC-TH-EastHigh(Real-Simu)
49027
59859
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

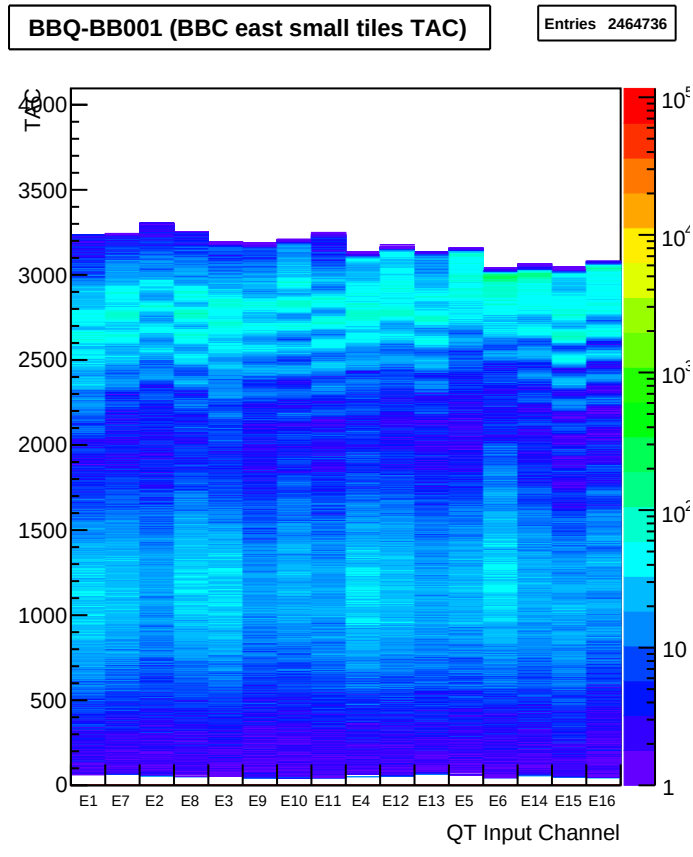

L2-TF201
Entries 154046
TOF total mult

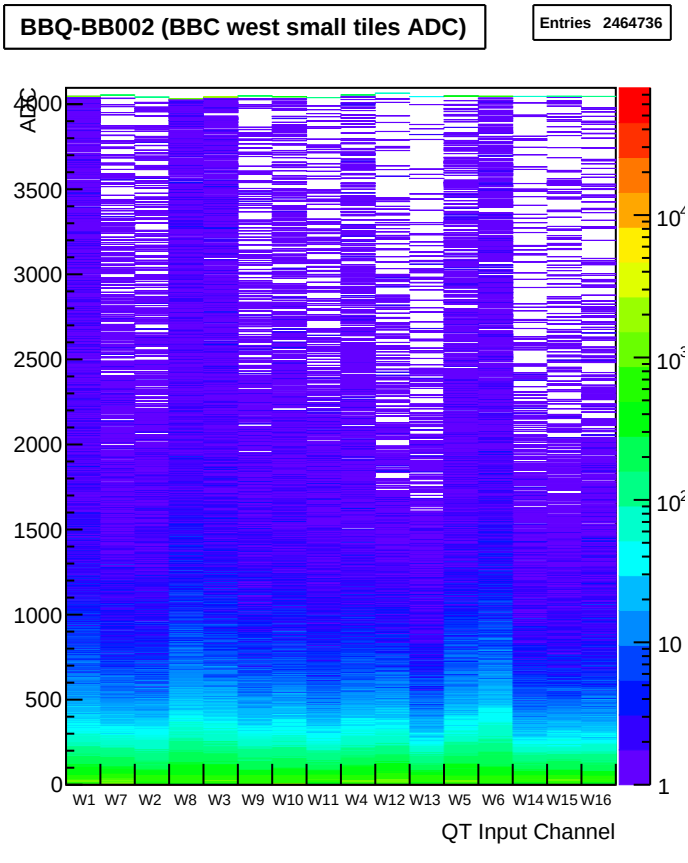

L2-TF201
Entries 0
TOF total mult(Real-Simu)

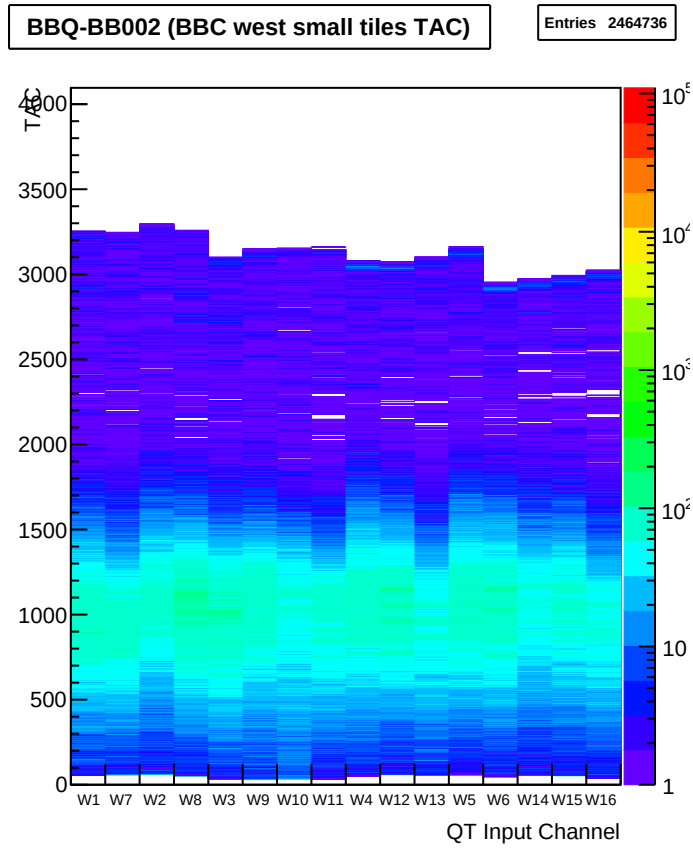

L2-TF201
Entries 1078322
Threshold/UPC bits
141660
142870
141649
142895
141601
141219
150023
12386
11176
12397
11151
12445
12827
4023
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

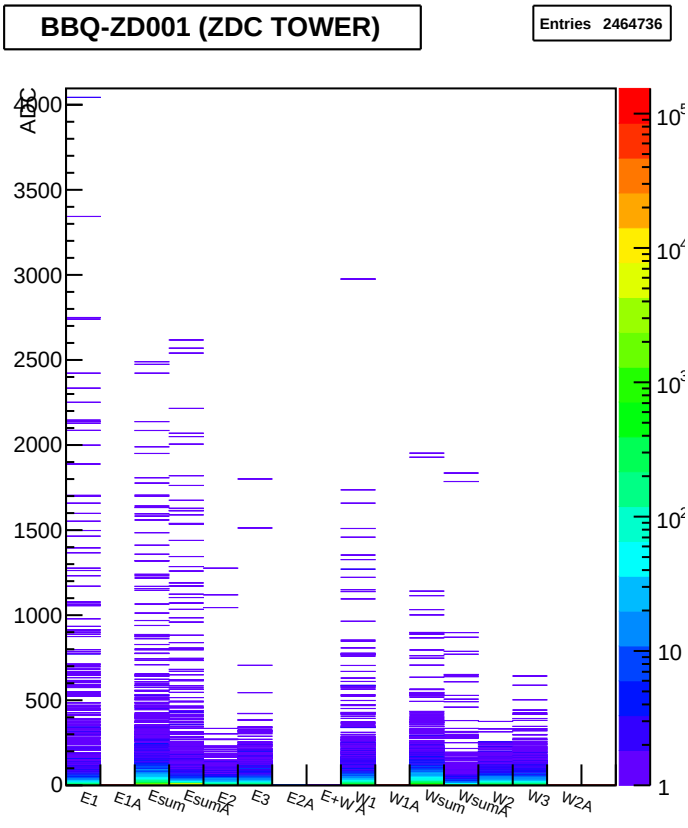

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

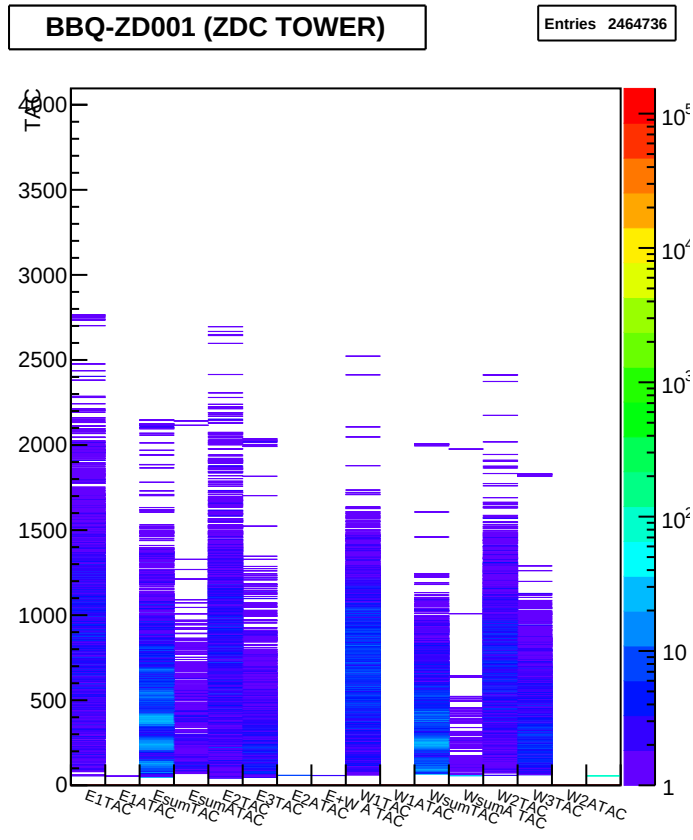

BBQ-BB001 (BBC east small tiles ADC)
Entries 2464736
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

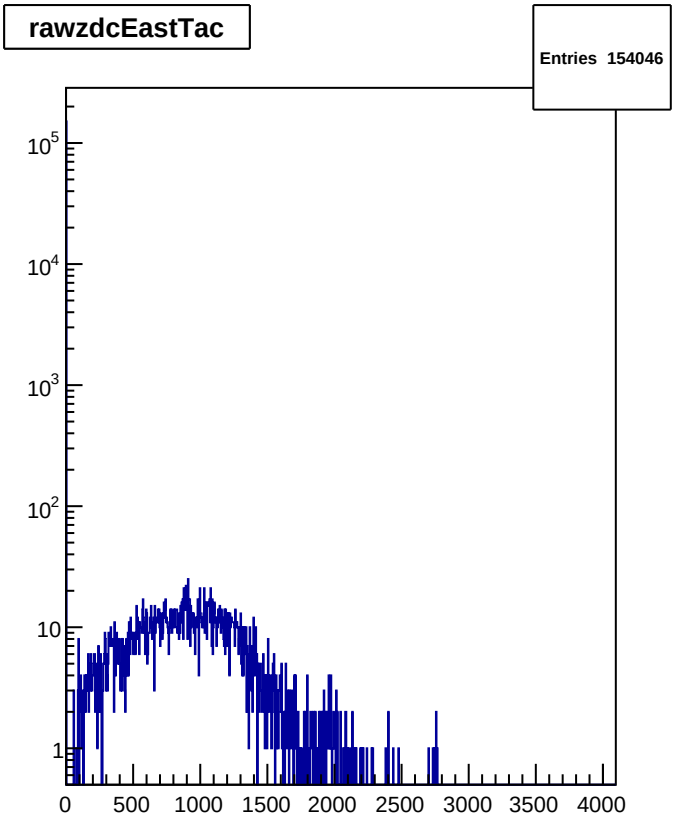

BBQ-BB001 (BBC east small tiles TAC)
Entries 2464736
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

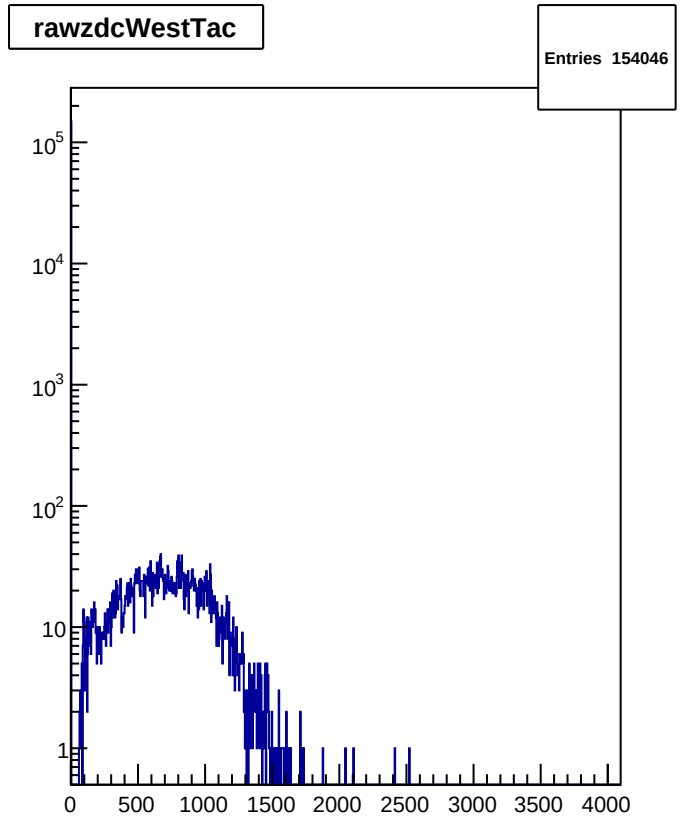

BBQ-BB002 (BBC west small tiles ADC)
Entries 2464736
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

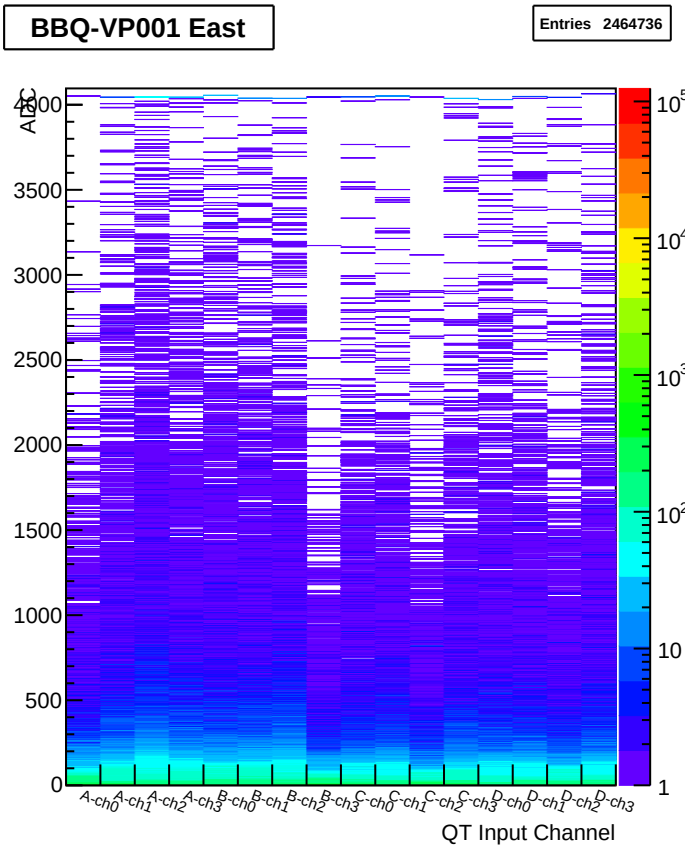

BBQ-BB002 (BBC west small tiles TAC)
Entries 2464736
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

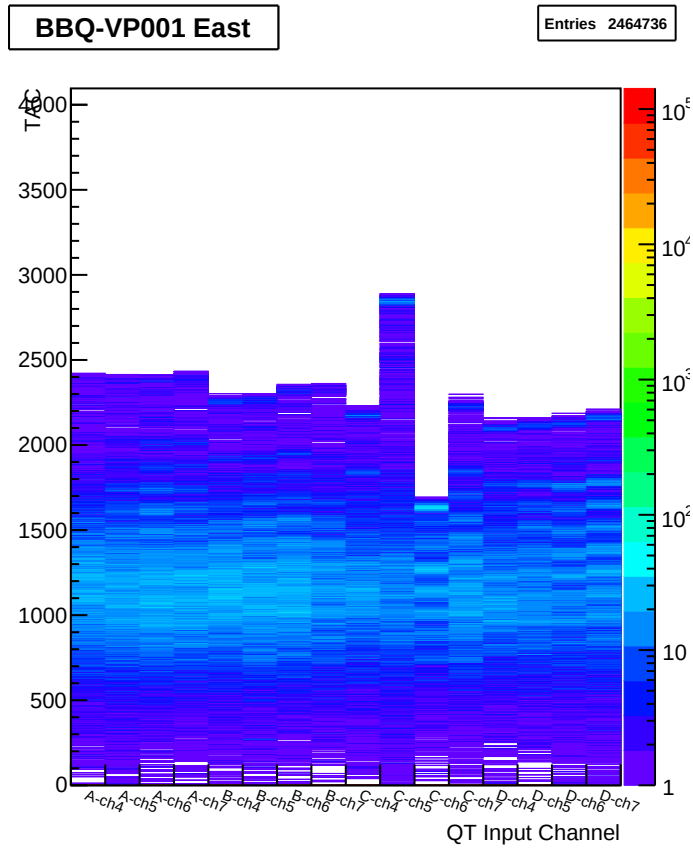

BBQ-ZD001 (ZDC TOWER)
Entries 2464736
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

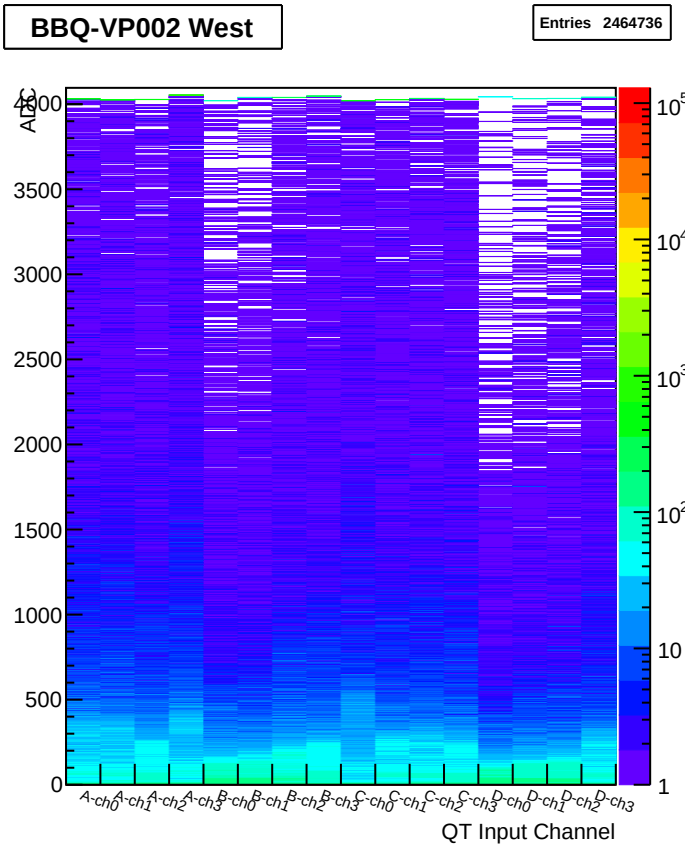

BBQ-ZD001 (ZDC TOWER)
Entries 2464736
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

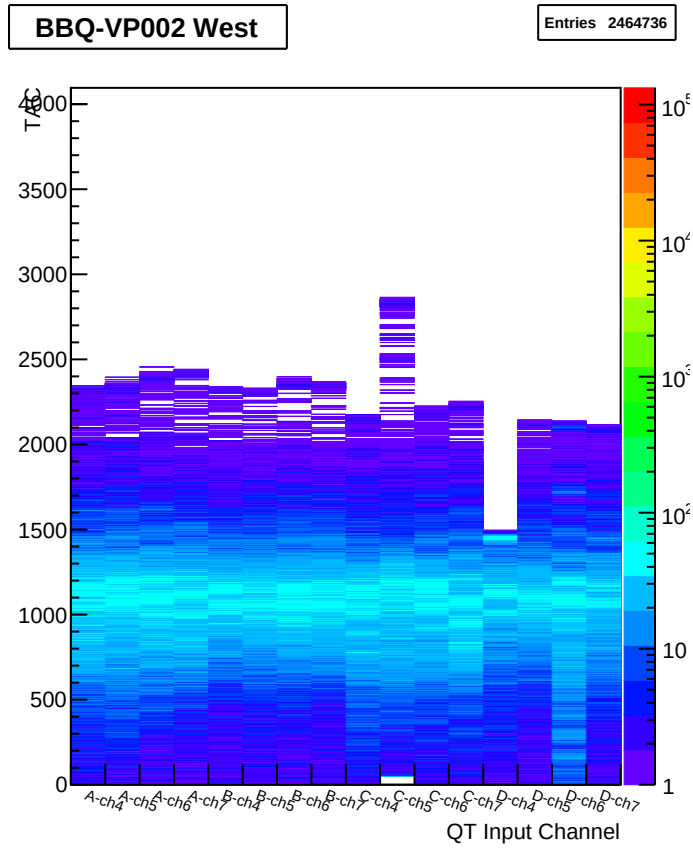

rawzdcEastTac
Entries 154046

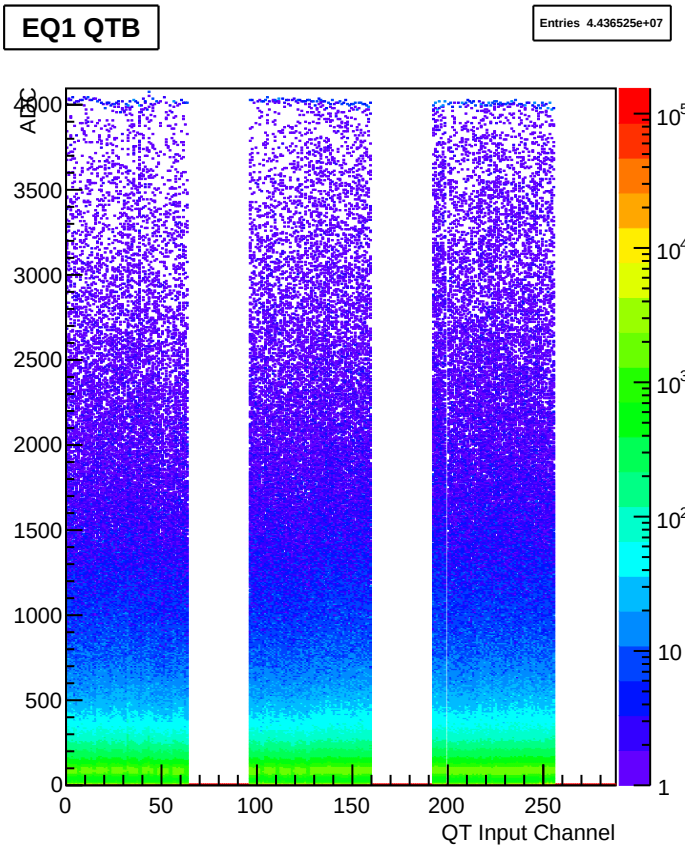

rawzdcWestTac
Entries 154046

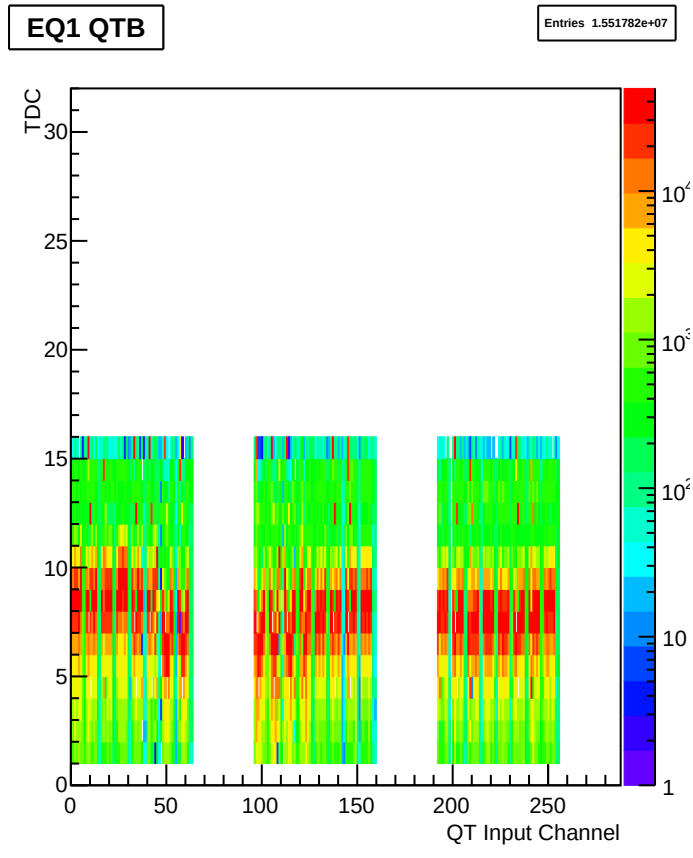

BBQ-VP001 East
Entries 2464736
ADC
QT Input Channel

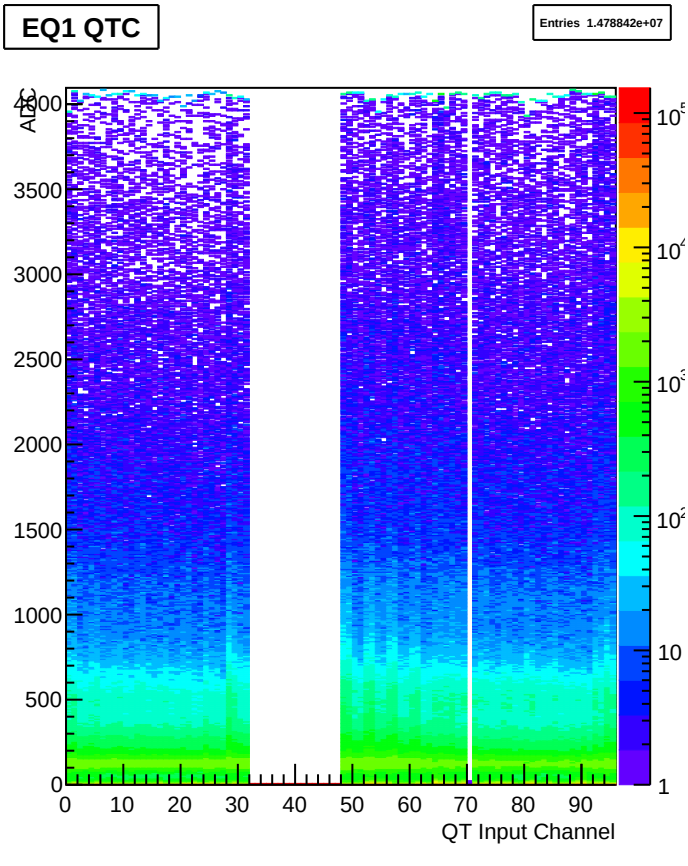

BBQ-VP001 East
Entries 2464736
TAC
QT Input Channel

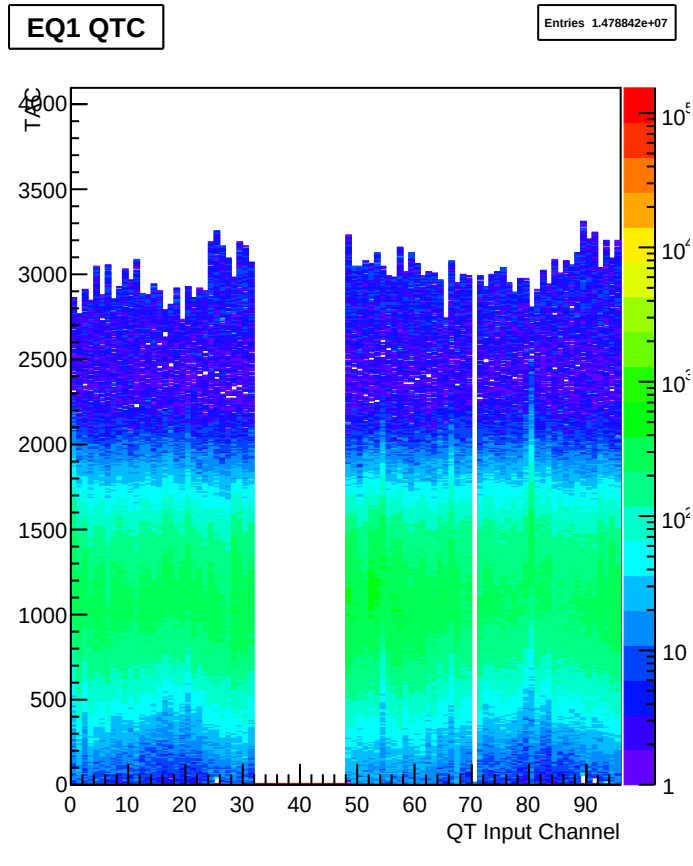

BBQ-VP002 West
Entries 2464736
ADC
QT Input Channel

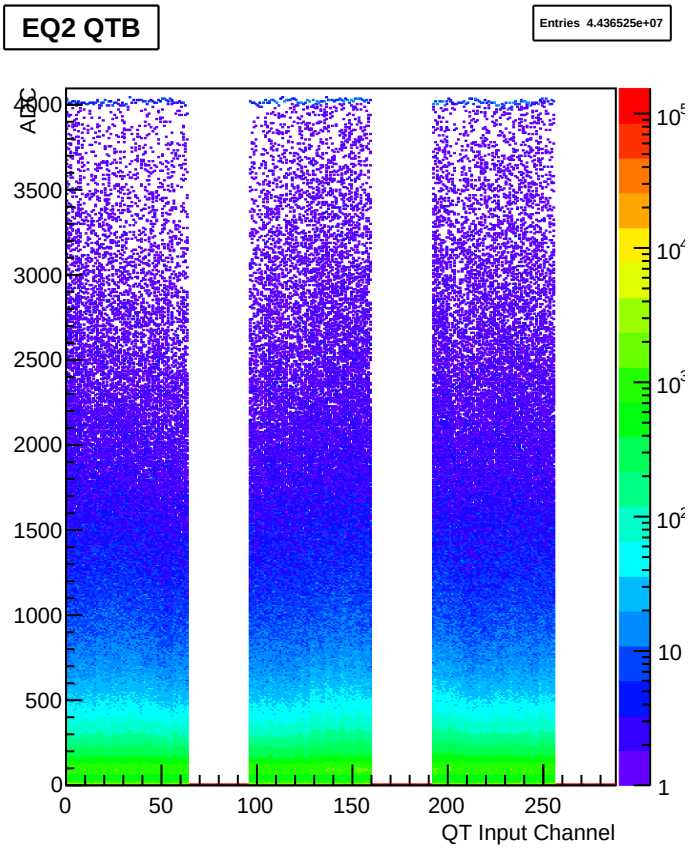

BBQ-VP002 West
Entries 2464736
TAC
QT Input Channel

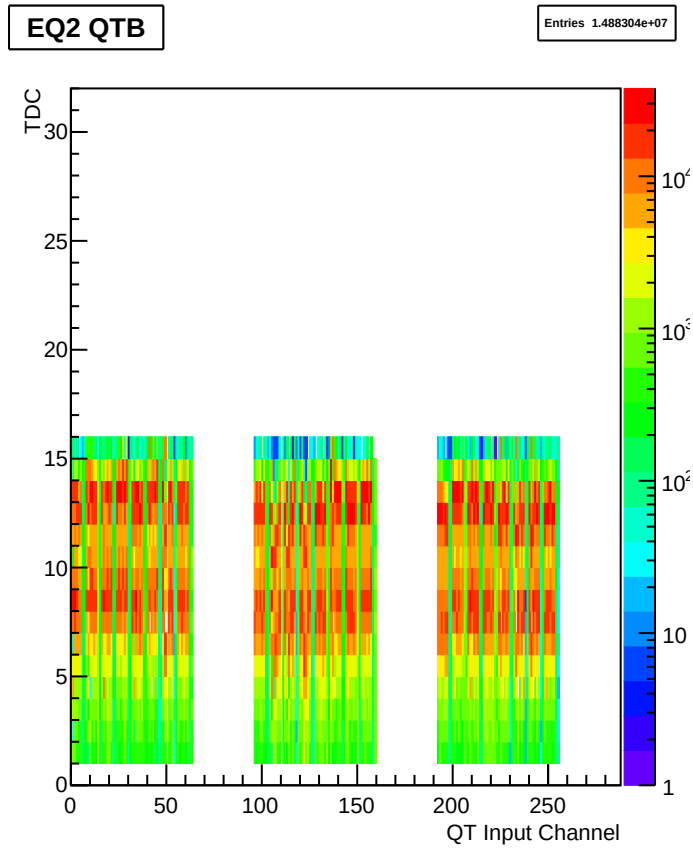

EQ1 QTB
Entries 4.436525e+07
ADC
QT Input Channel

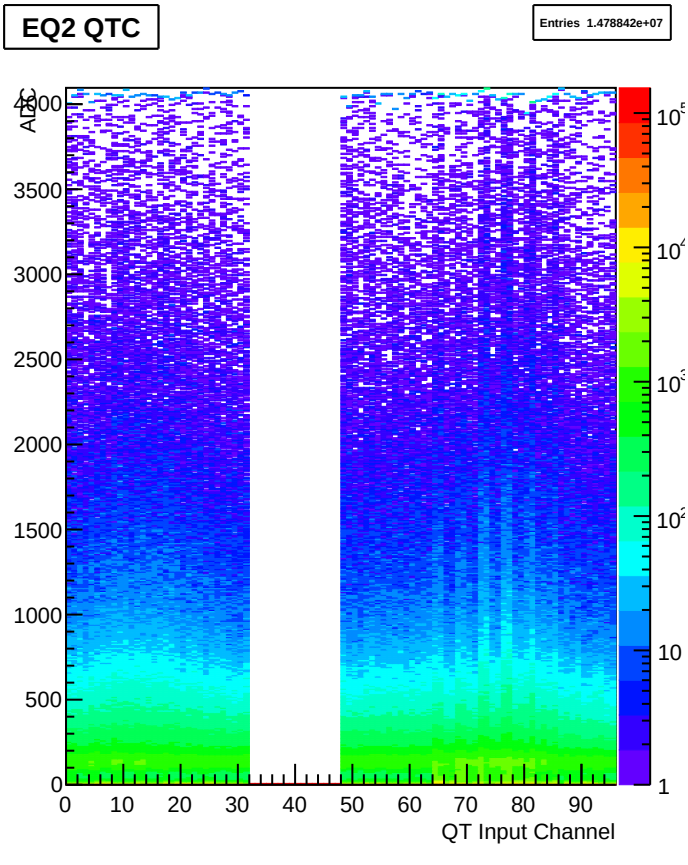

EQ1 QTB
Entries 1.551782e+07
TDC
QT Input Channel

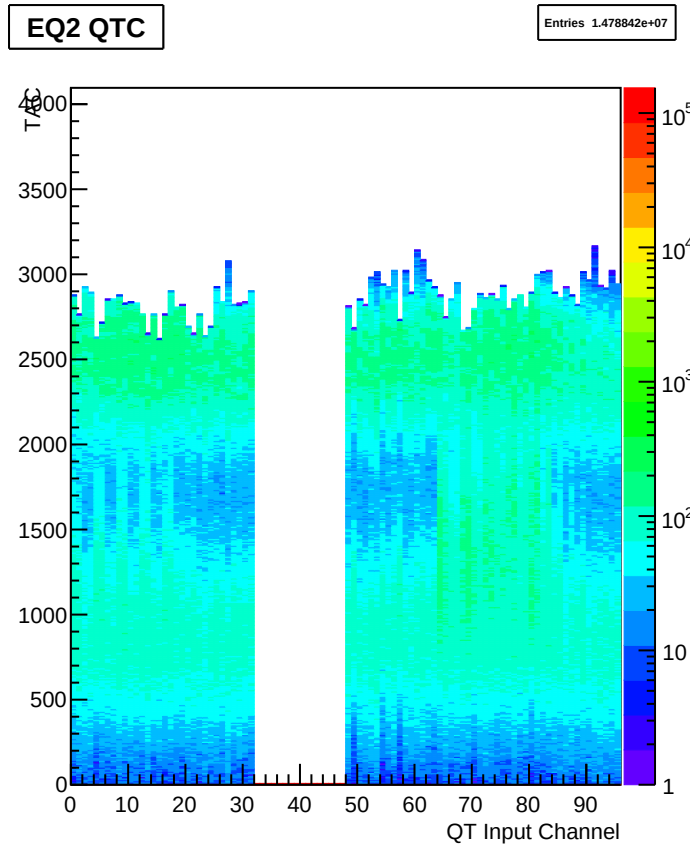

EQ1 QTC
Entries 1.478842e+07
ADC
QT Input Channel

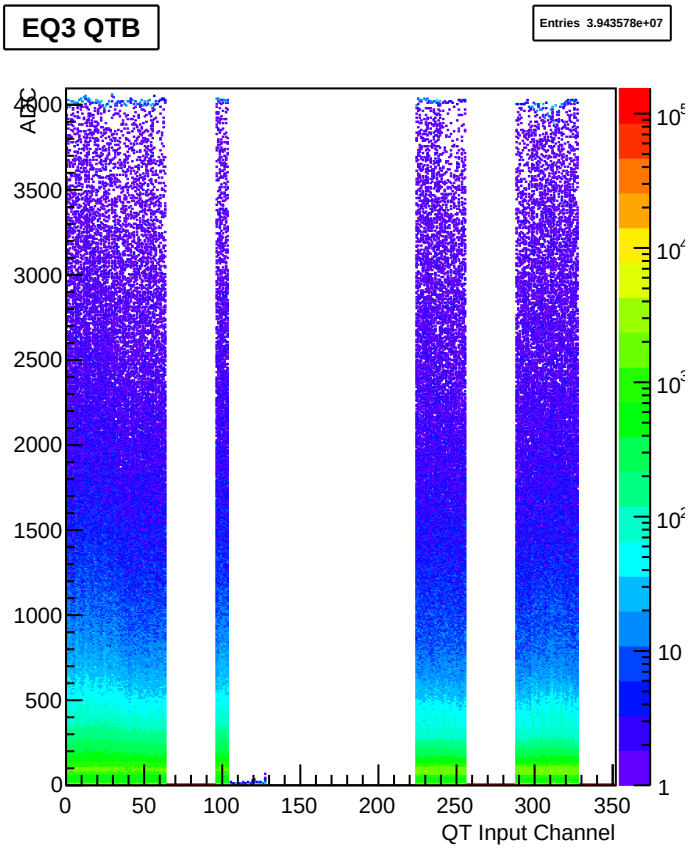

EQ1 QTC
Entries 1.478842e+07
TADC
QT Input Channel

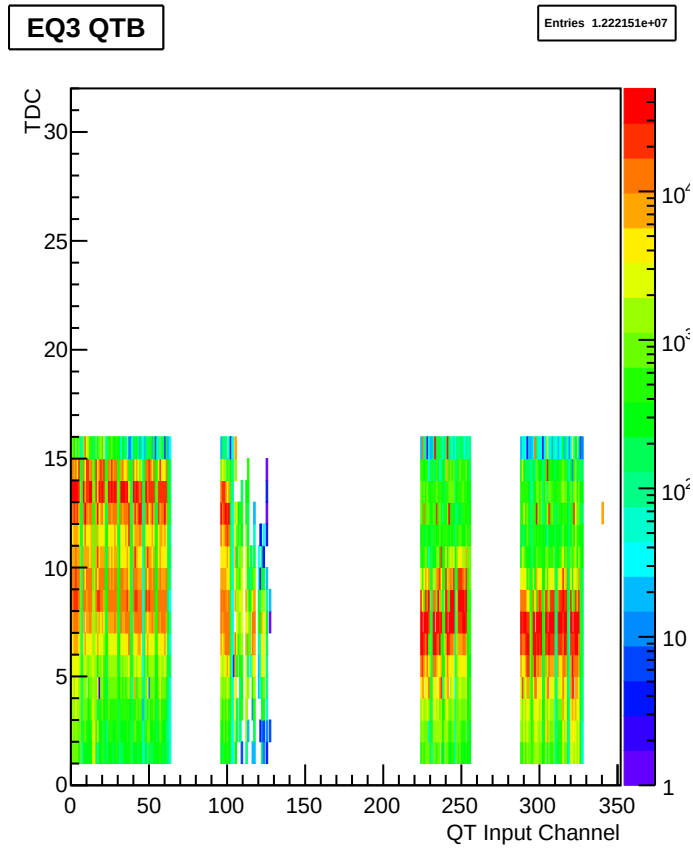

EQ2 QTB
Entries 4.436525e+07
ADC
QT Input Channel

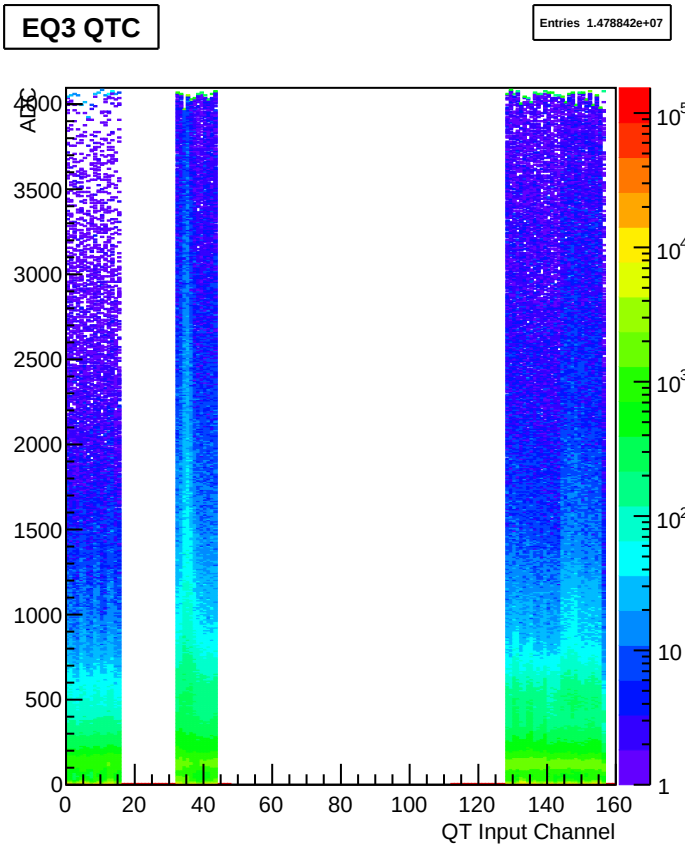

EQ2 QTB
Entries 1.488304e+07
TDC
QT Input Channel

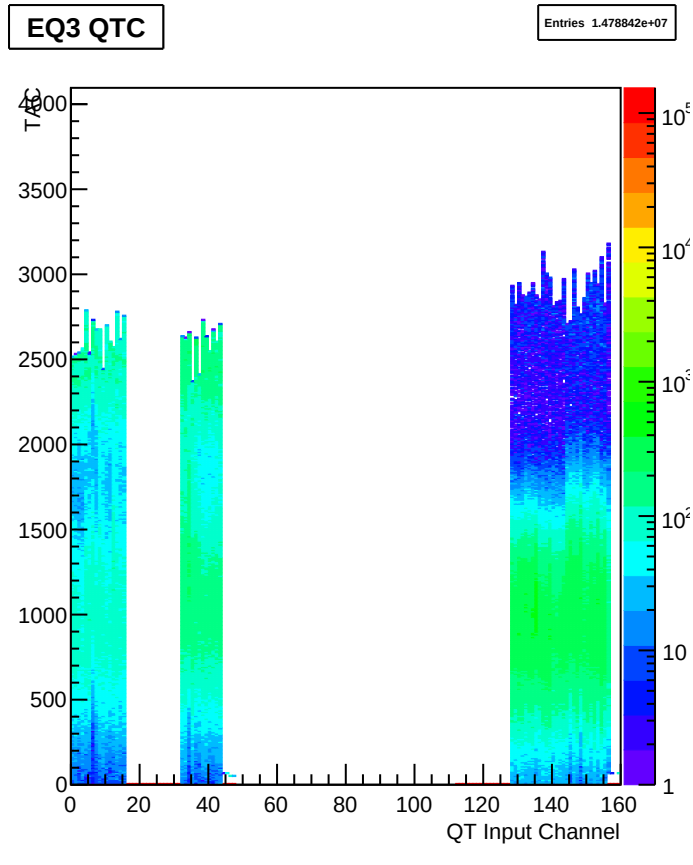

EQ2 QTC
Entries 1.478842e+07
ADC
QT Input Channel

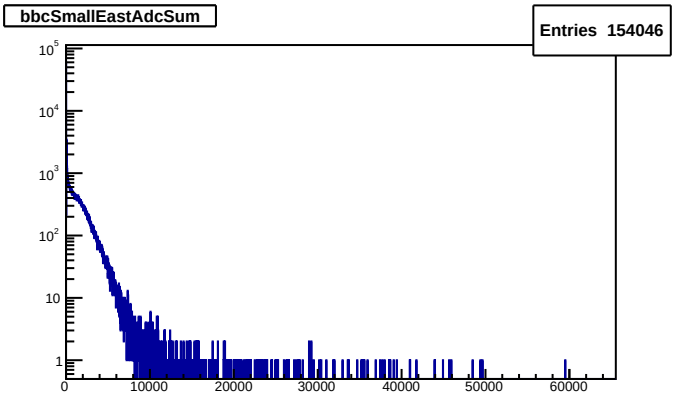

EQ2 QTC
Entries 1.478842e+07
TADC
QT Input Channel

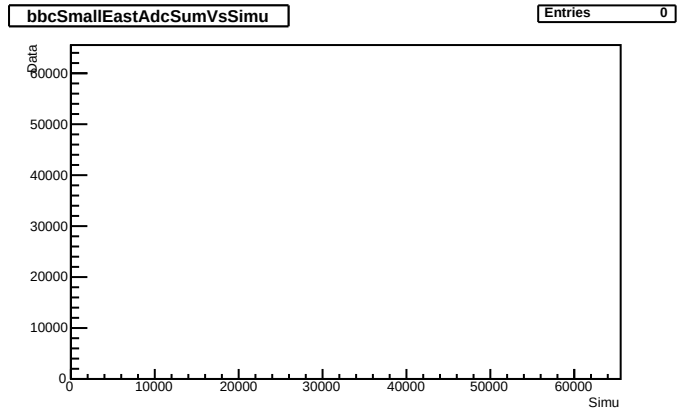

EQ3 QTB
Entries 3.943578e+07
ADC
QT Input Channel

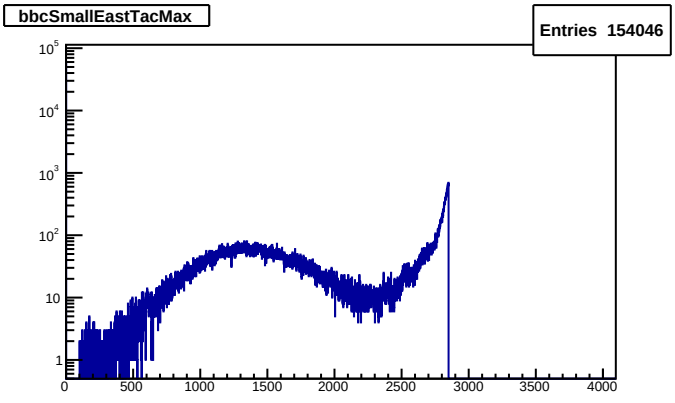

EQ3 QTB
Entries 1.222151e+07
TDC
QT Input Channel

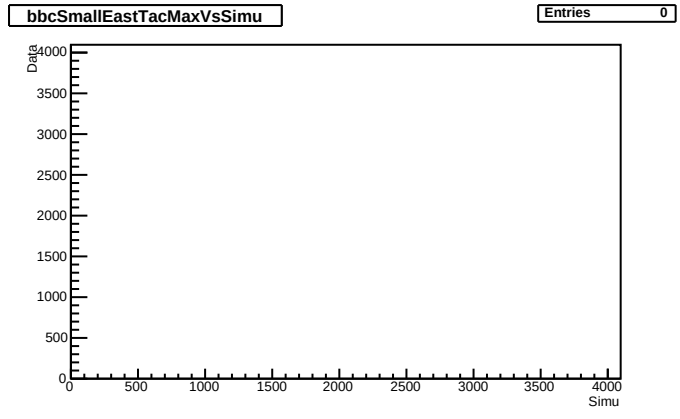

EQ3 QTC
Entries 1.478842e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.478842e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 154046


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 154046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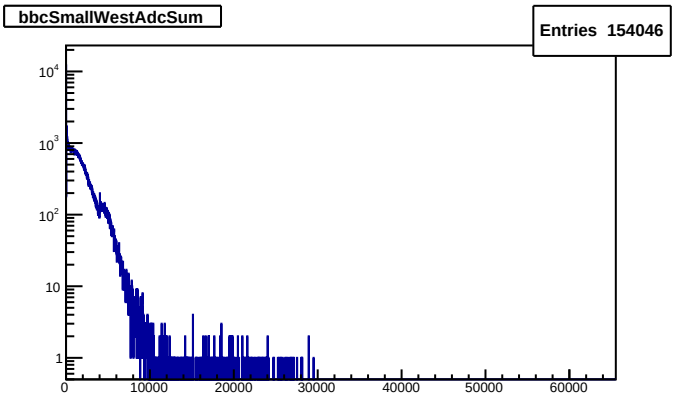
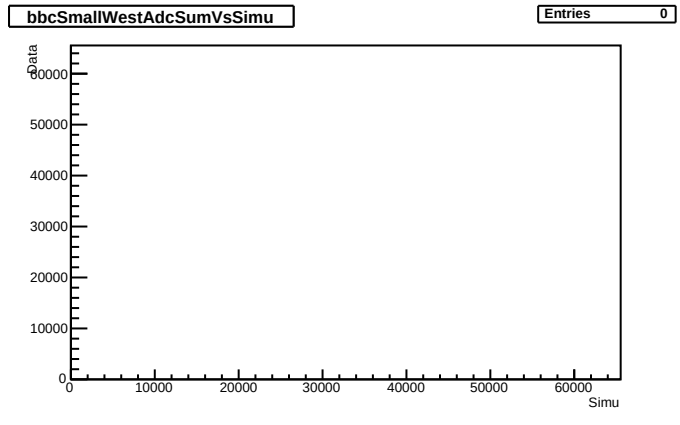
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries 154046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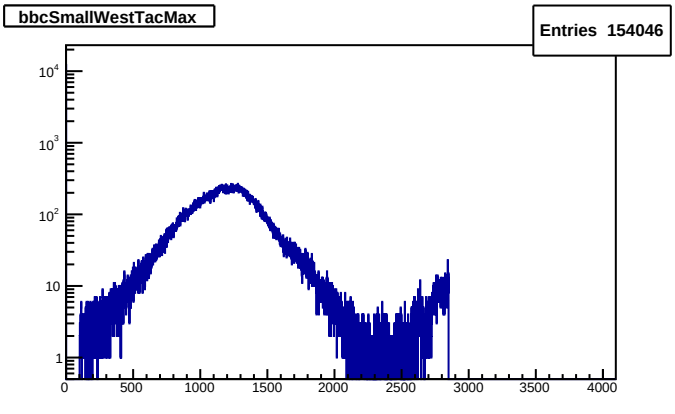
Simu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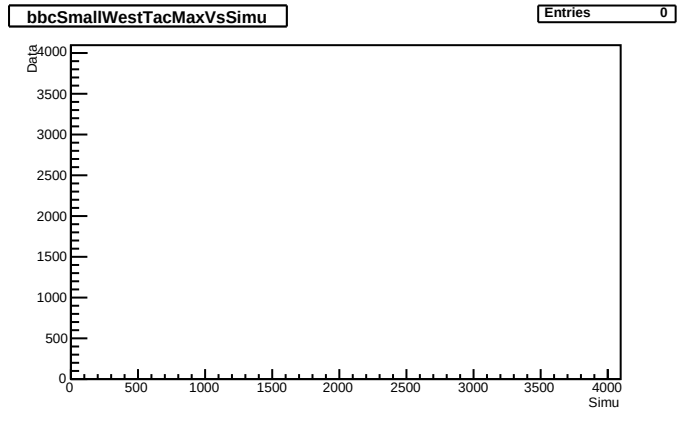
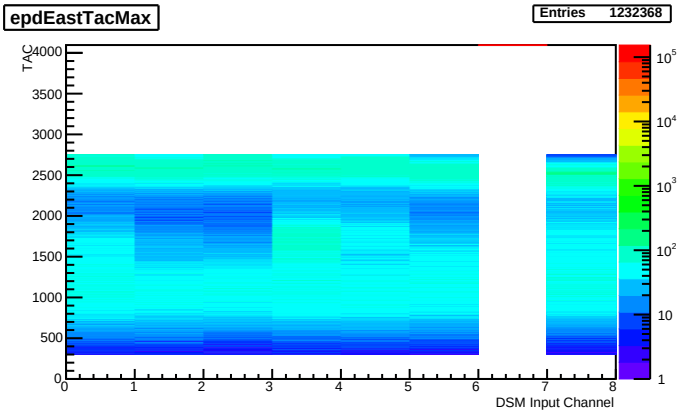
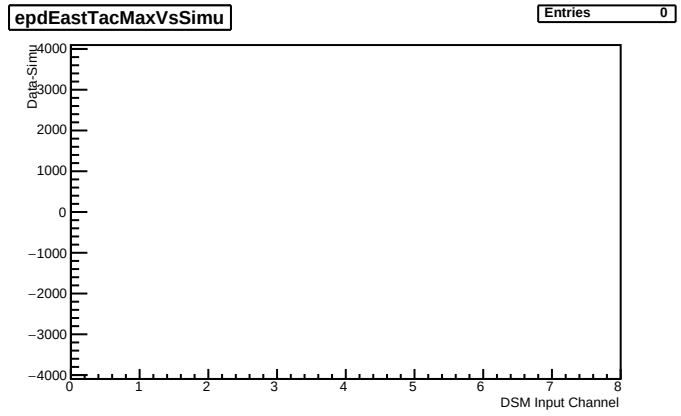
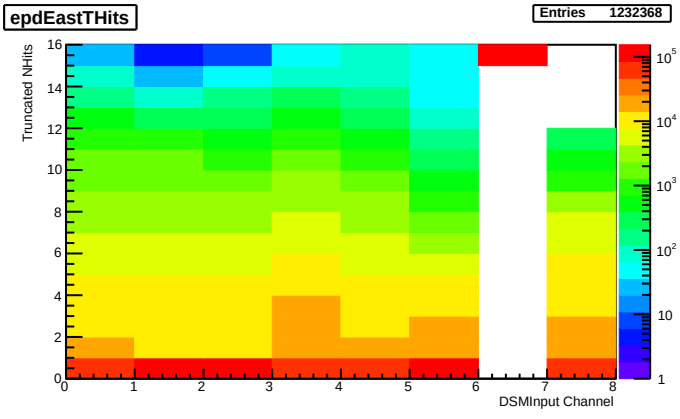
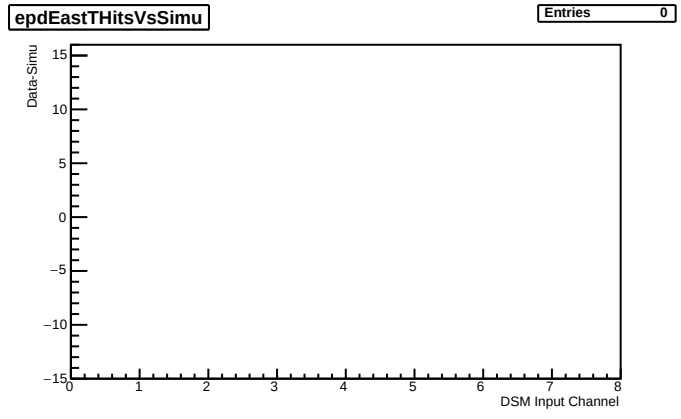
Entries 154046


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 1232368
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1232368
Truncated NHits
DSMInput Channel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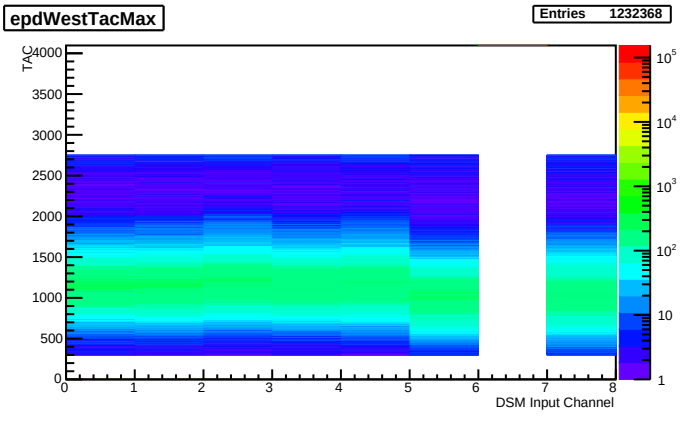
Entries 0
Data-Simu
DSM Input Channel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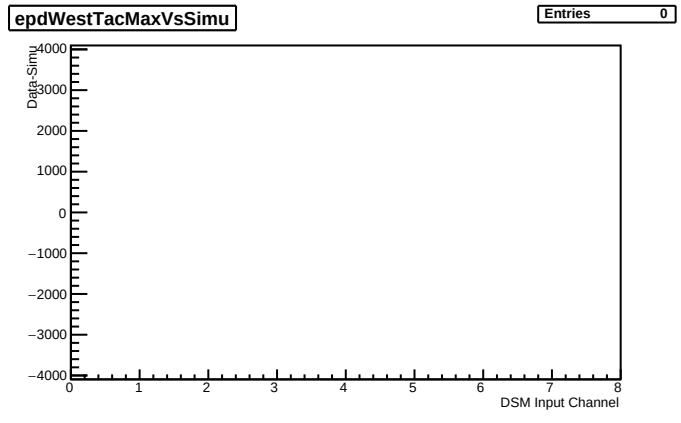
Entries 1232368
TAC
DSM Input Channel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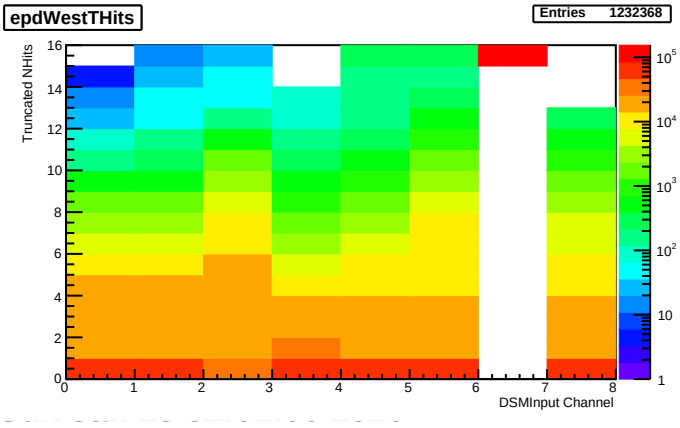
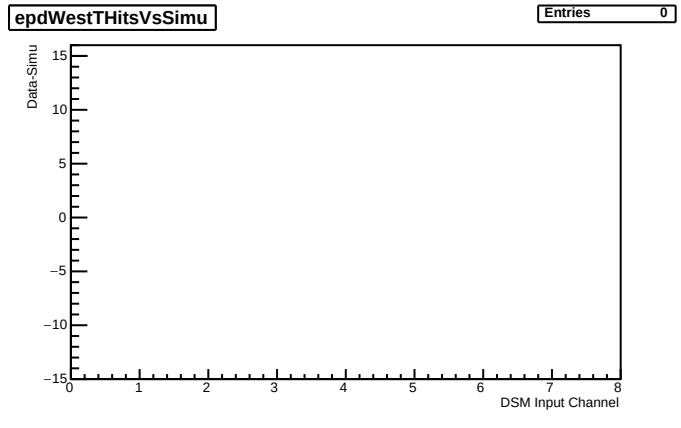
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1232368
Truncated NHits
DSMInput Channel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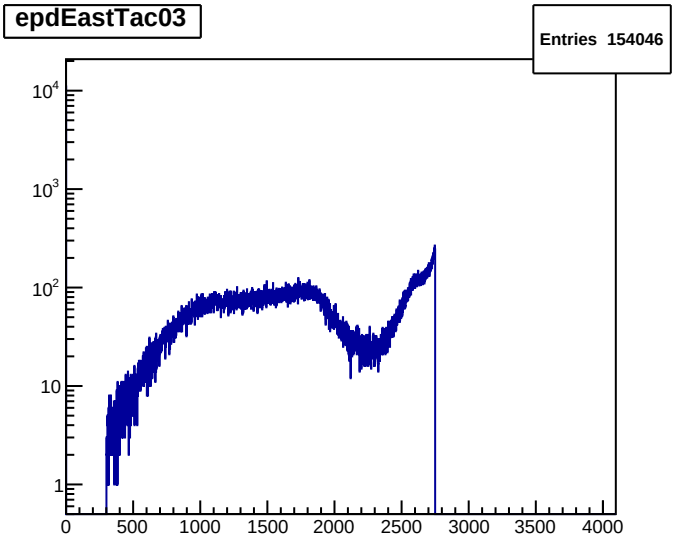
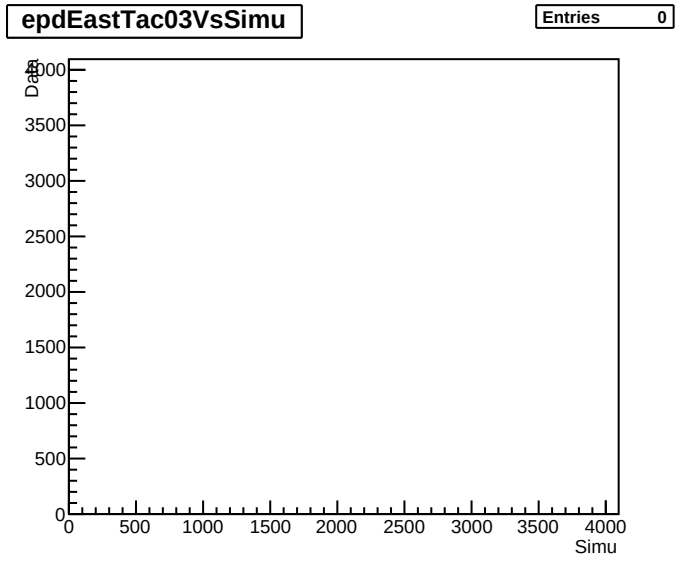
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 154046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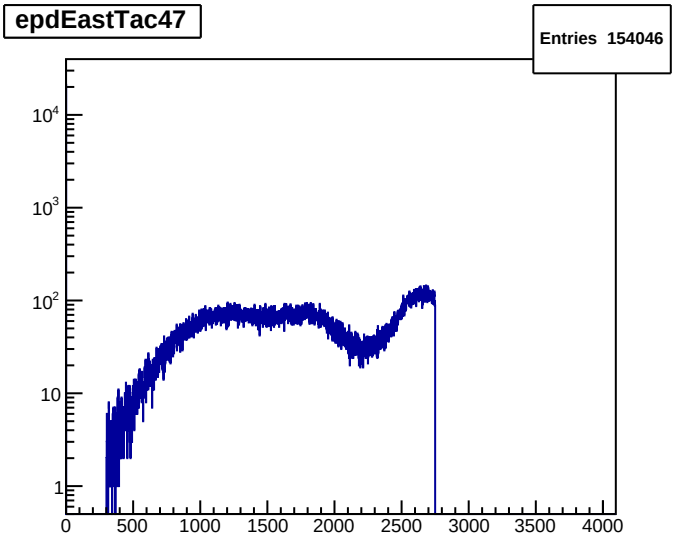
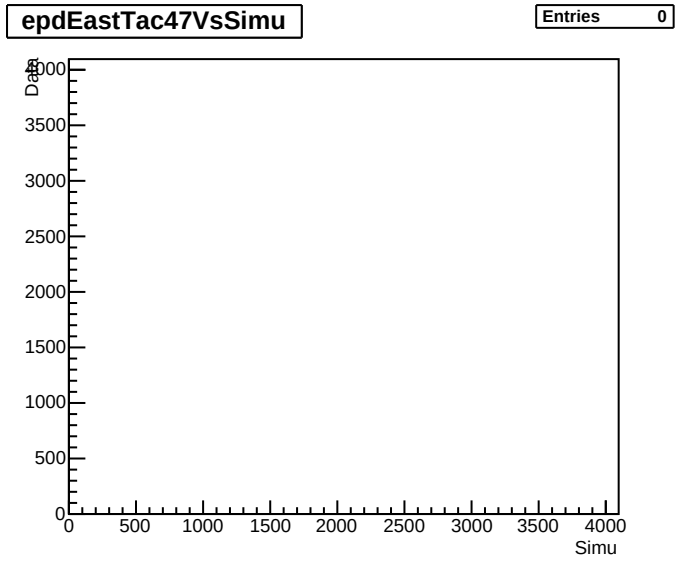
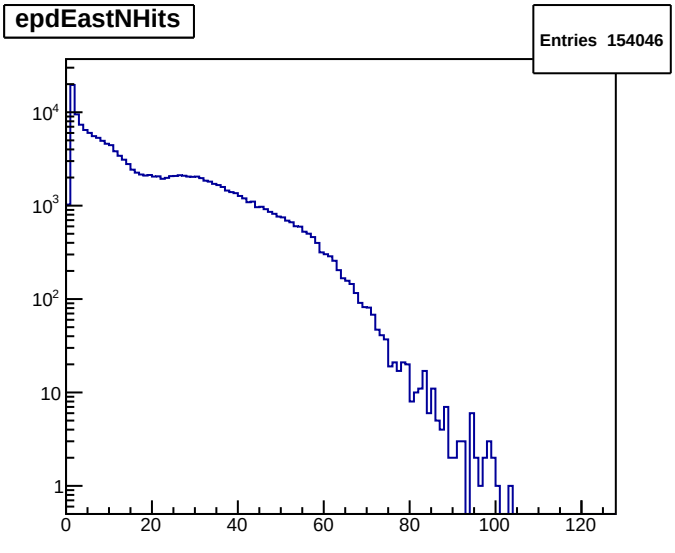
Entries 0
Data
Simu


epdEastTac47
Entries 154046


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
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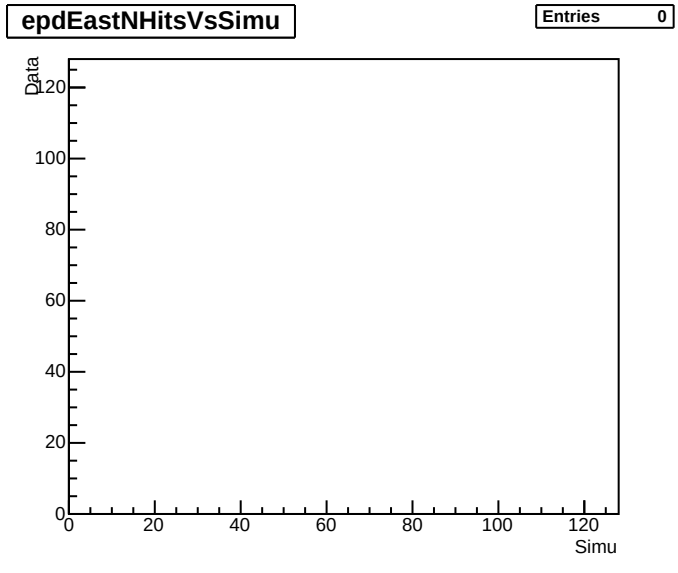
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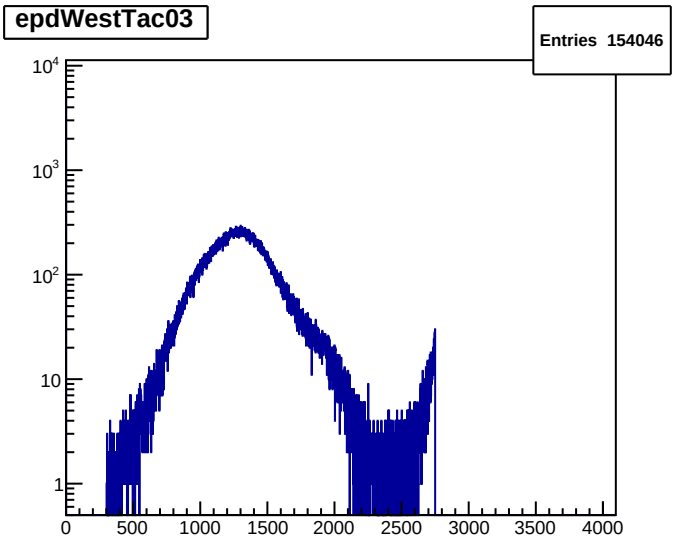
Entries 0
Data
Simu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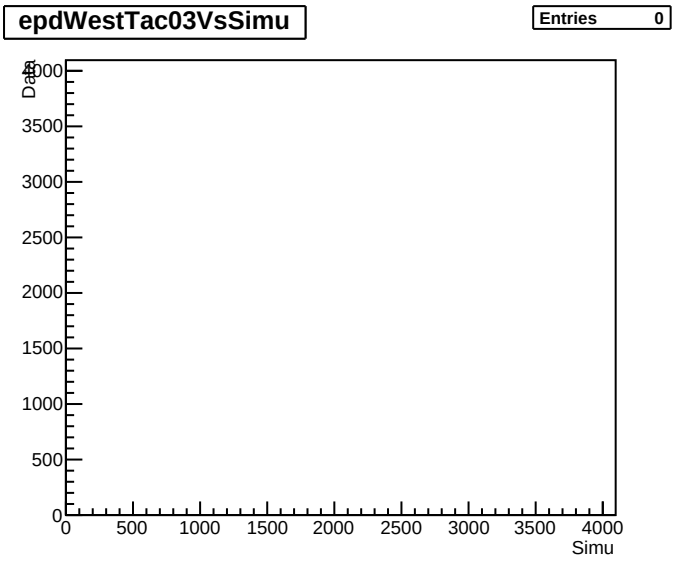
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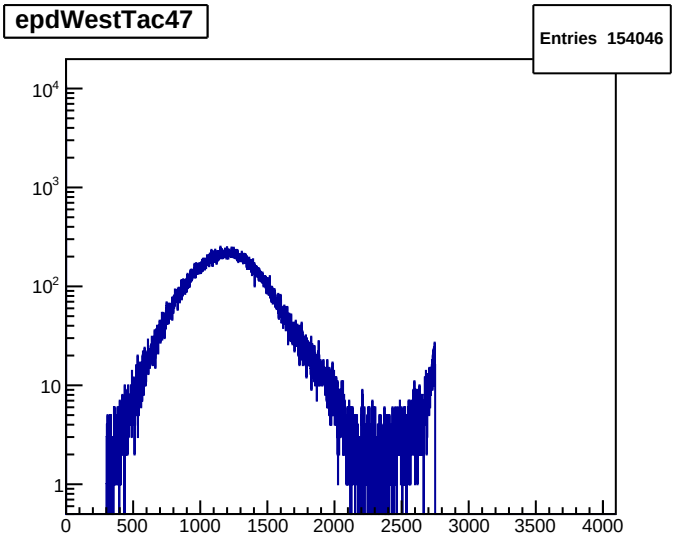
Entries 0
Data
Simu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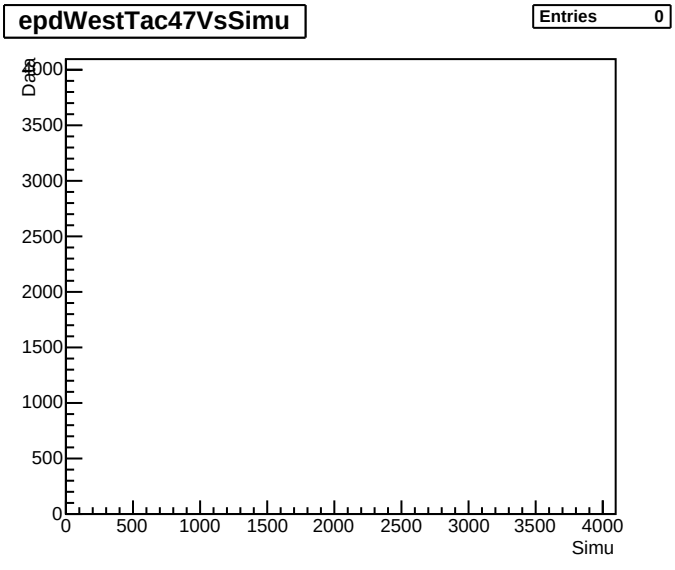
Entries 154046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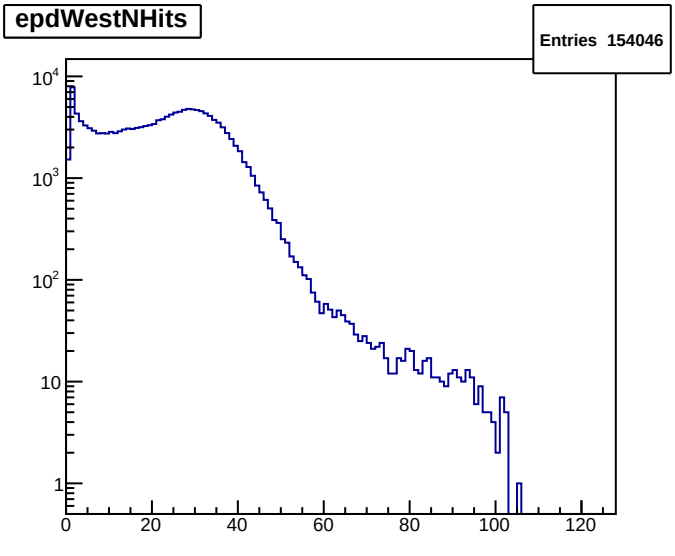
Data
Simu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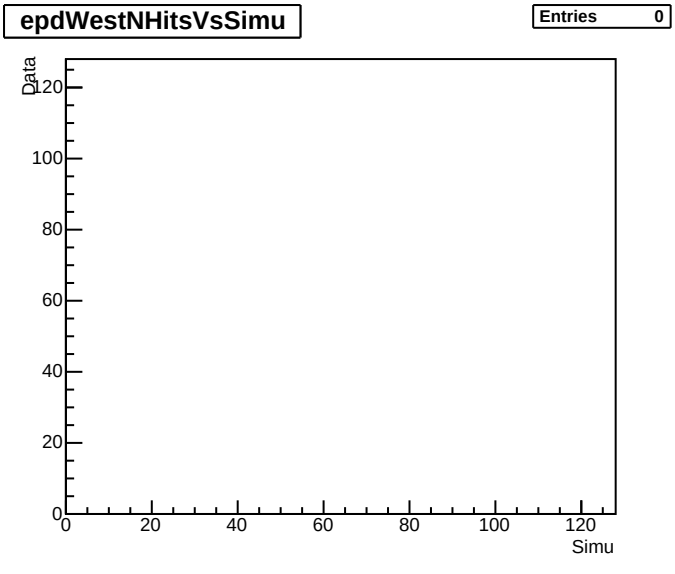
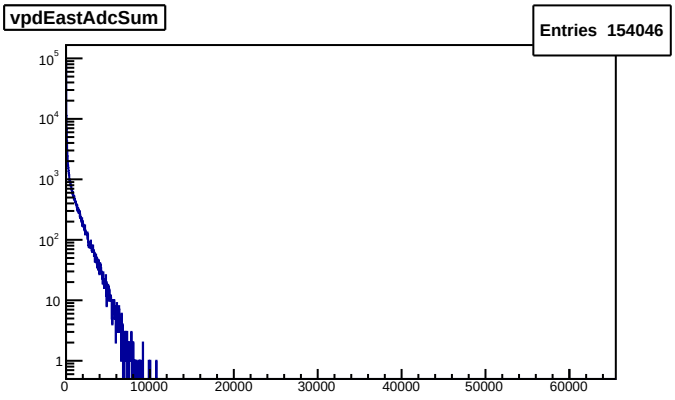
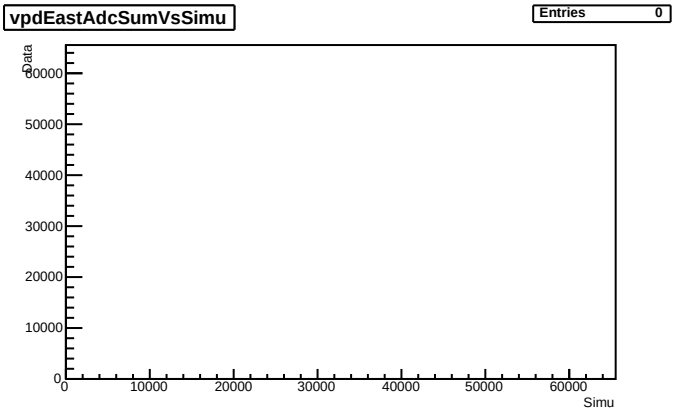
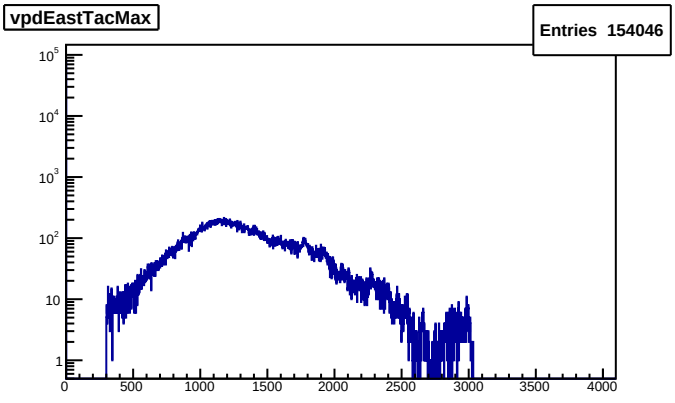
Entries 154046


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 154046


vpdEastAdcSumVsSimu
Entries 0
Data
Simu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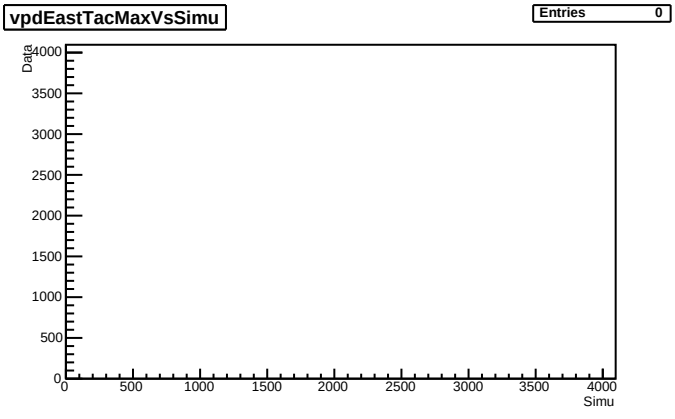
Entries 154046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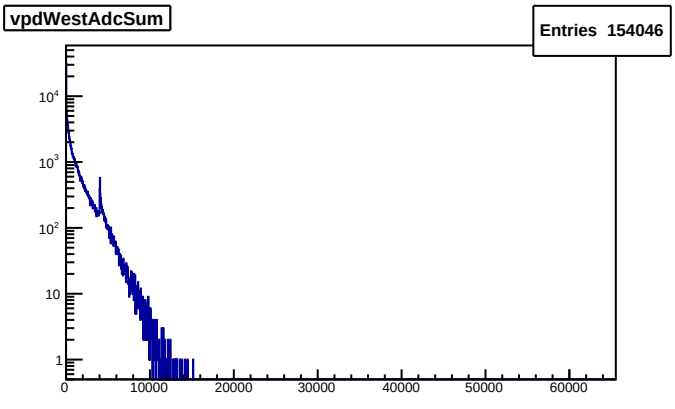
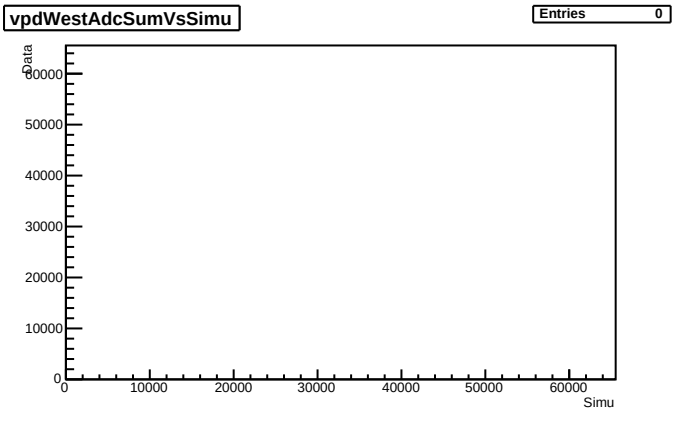
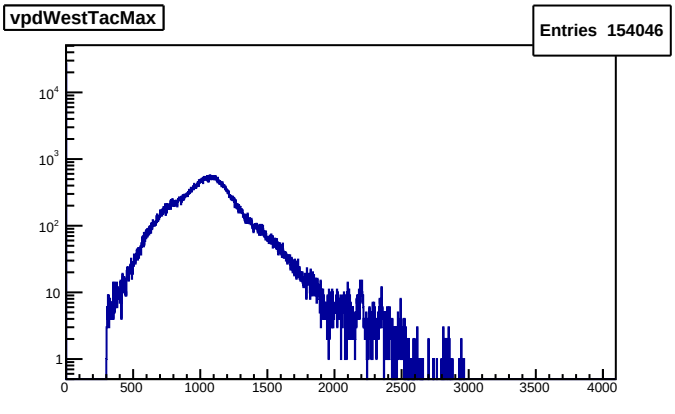
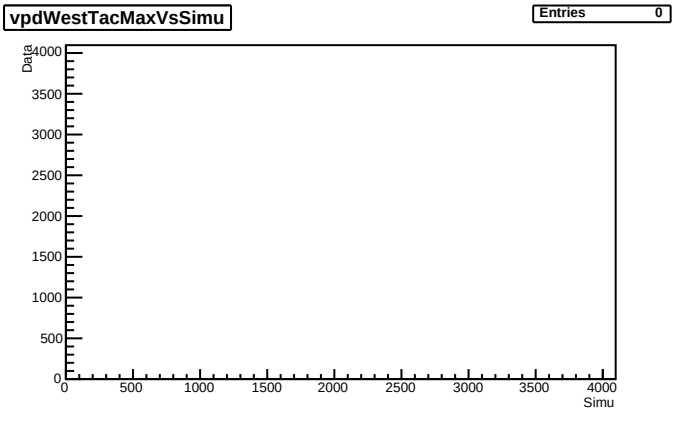
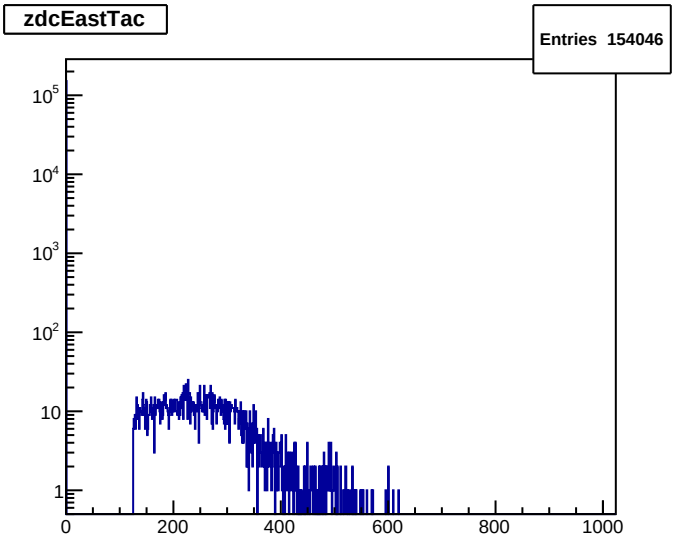
Entries 0
Data
Simu

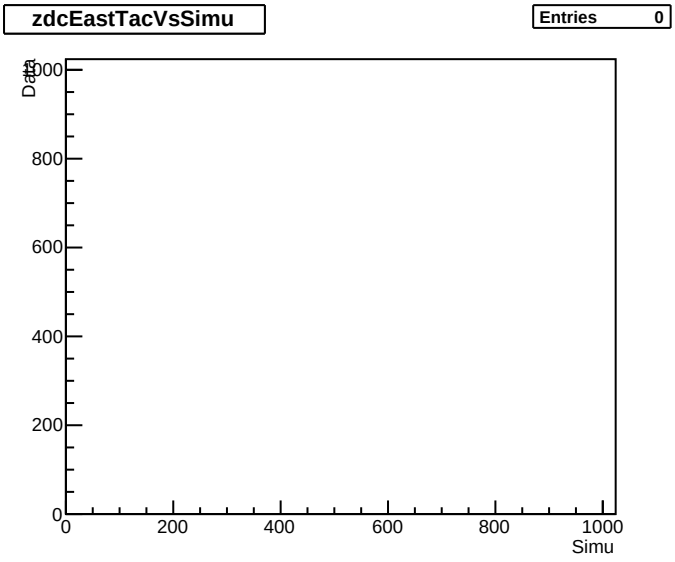

vpdWestAdcSum
Entries 154046

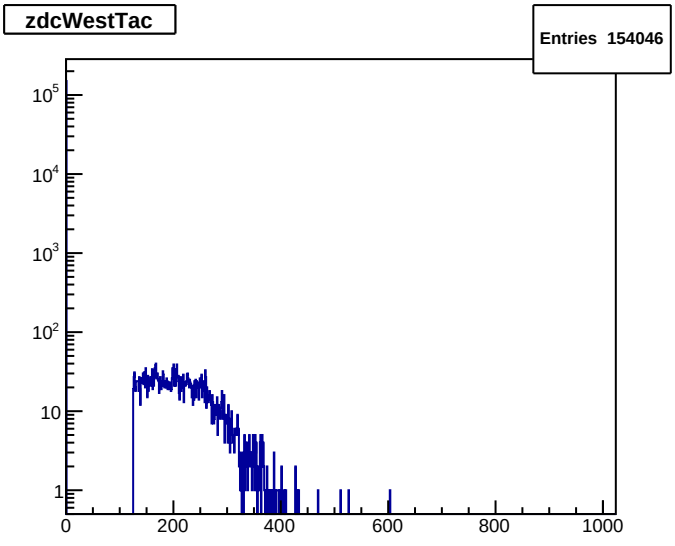

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

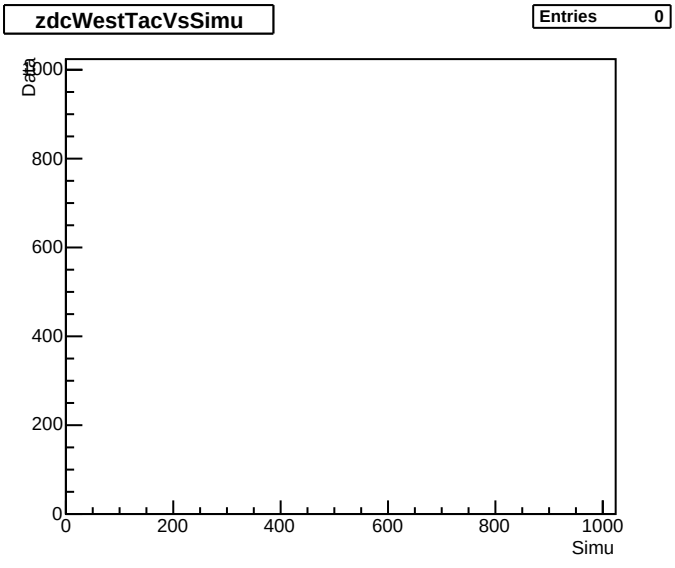

vpdWestTacMax
Entries 154046

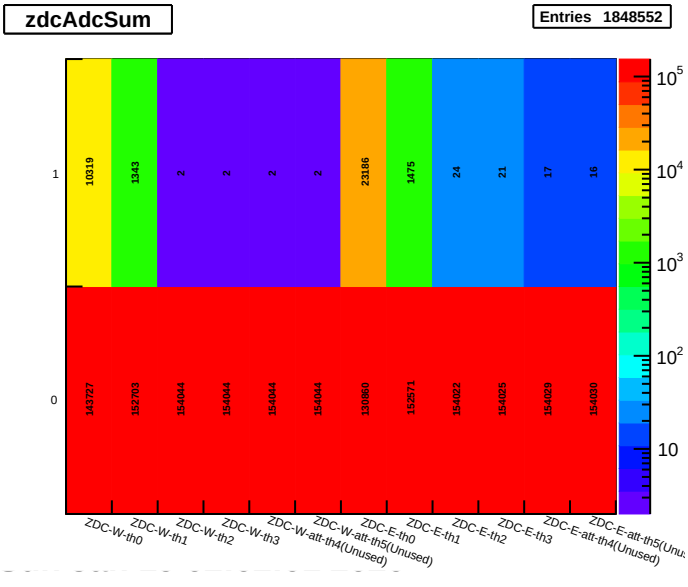

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

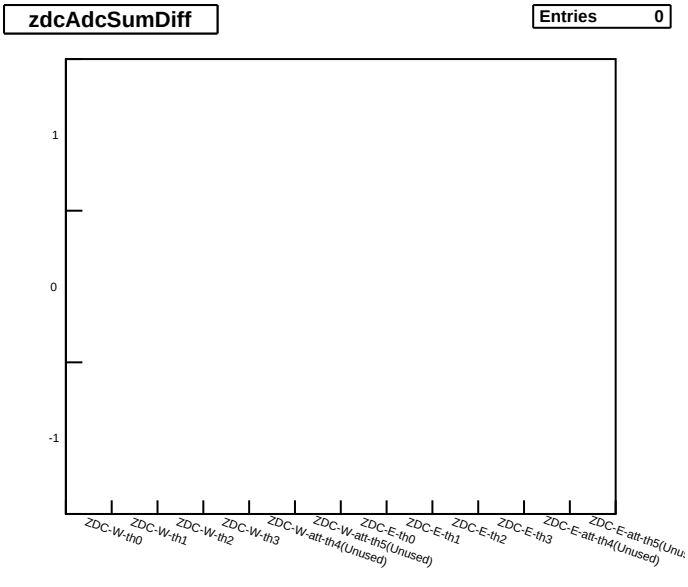

zdcEastTac
Entries 154046

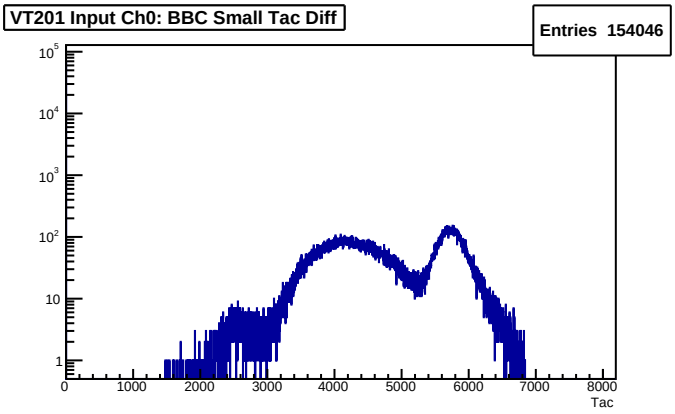

zdcEastTacVsSimu
Entries 0
Data
Simu

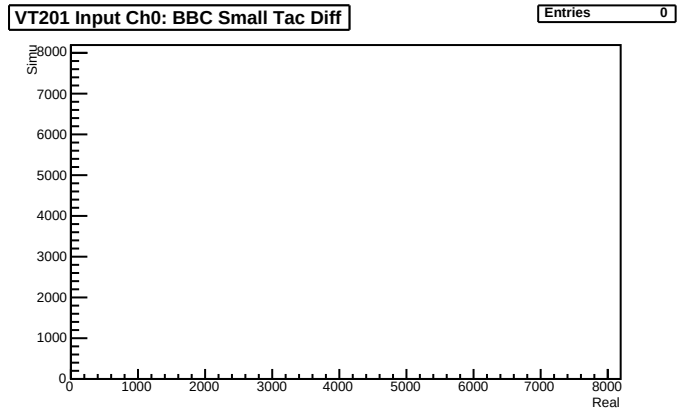

zdcWestTac
Entries 154046

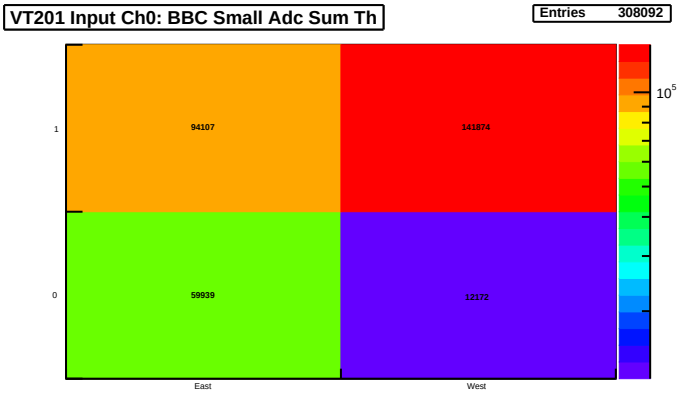

zdcWestTacVsSimu
Entries 0
Data
Simu

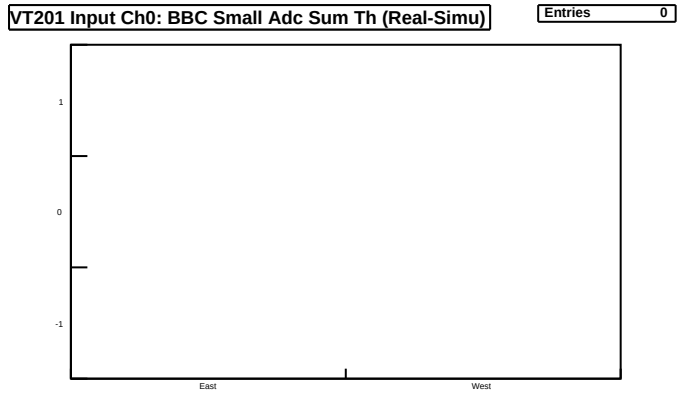

zdcAdcSum
Entries 1848552
10319
1343
2
2
2
2
23186
1475
24
21
17
16
143727
152703
154044
154044
154044
154044
130860
152571
154022
154025
154029
154030
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

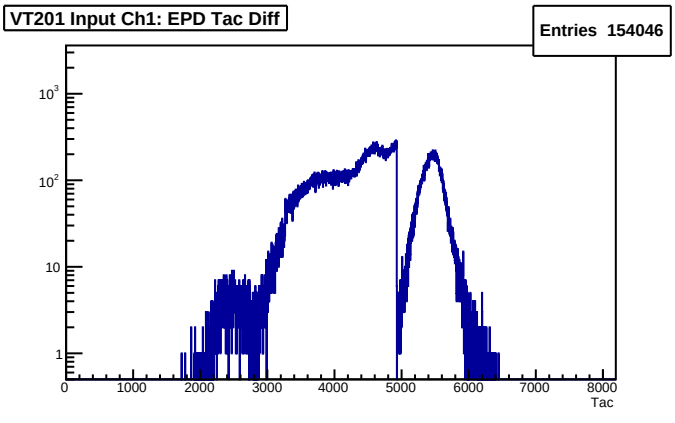

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

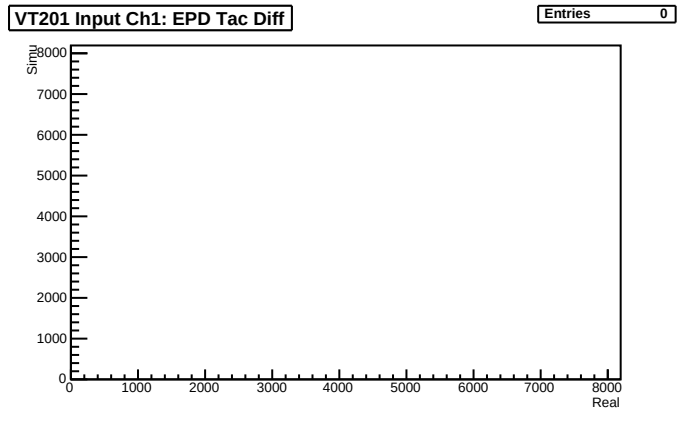

VT201 Input Ch0: BBC Small Tac Diff
Entries 154046
Tac

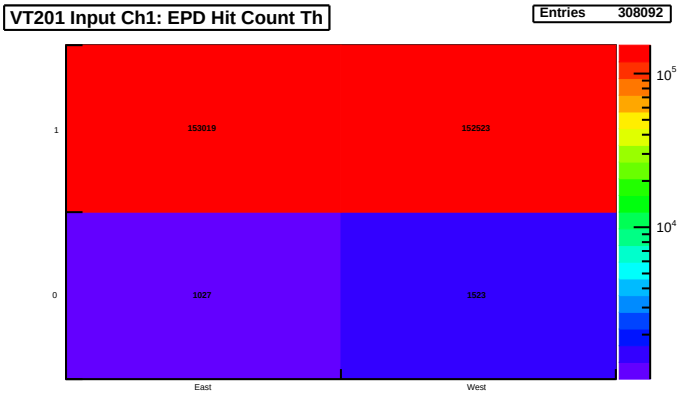

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

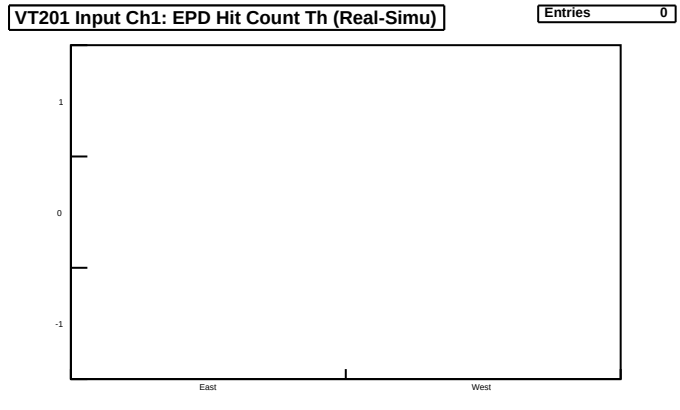

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 308092
94107
141874
59939
12172
East
West

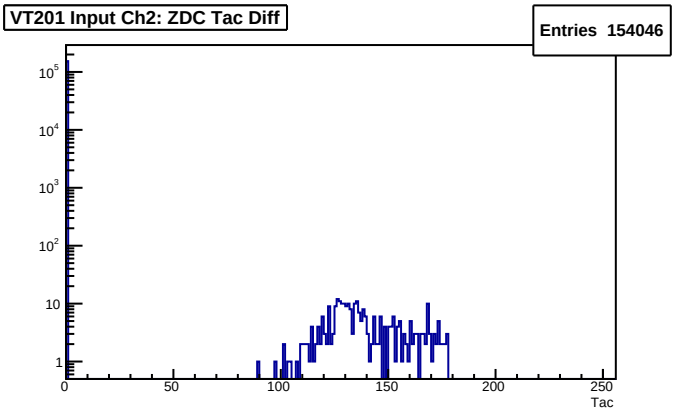

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

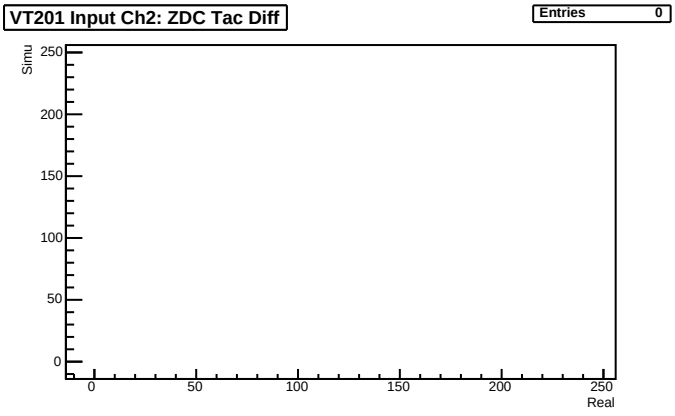

VT201 Input Ch1: EPD Tac Diff
Entries 154046
Tac

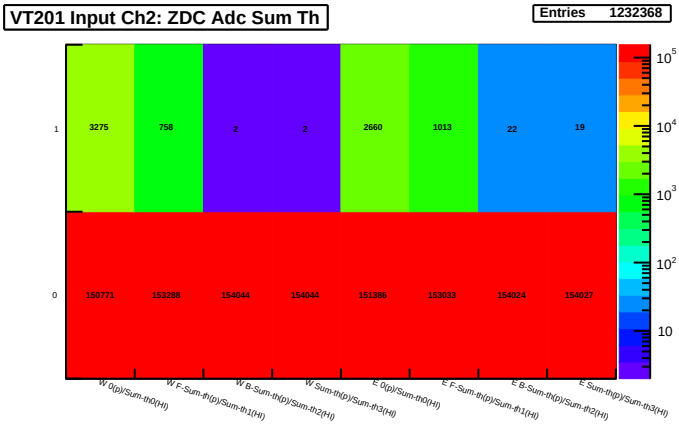

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

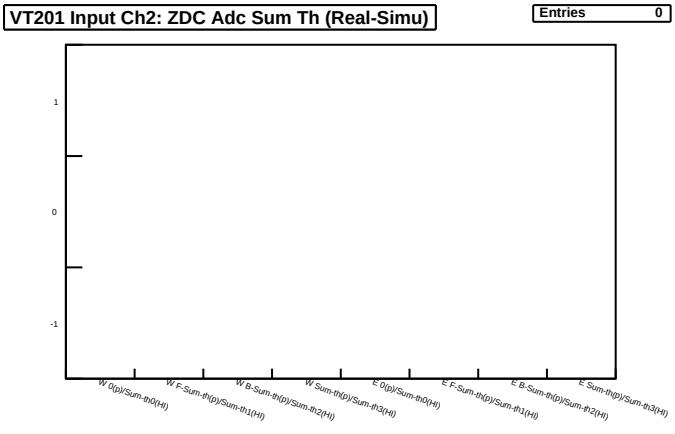

VT201 Input Ch1: EPD Hit Count Th
Entries 308092
153019
152523
1027
1523
East
West

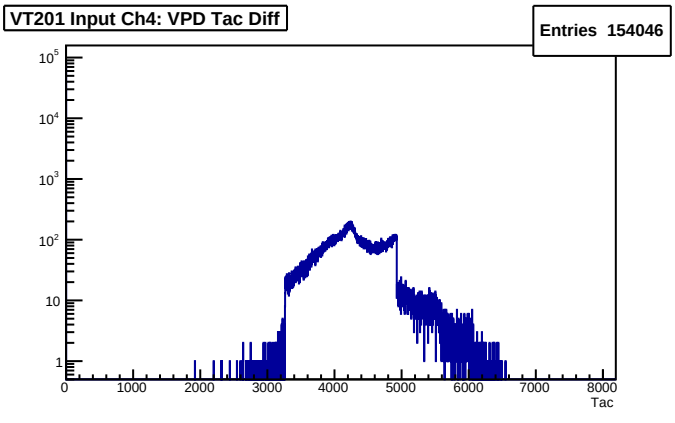

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

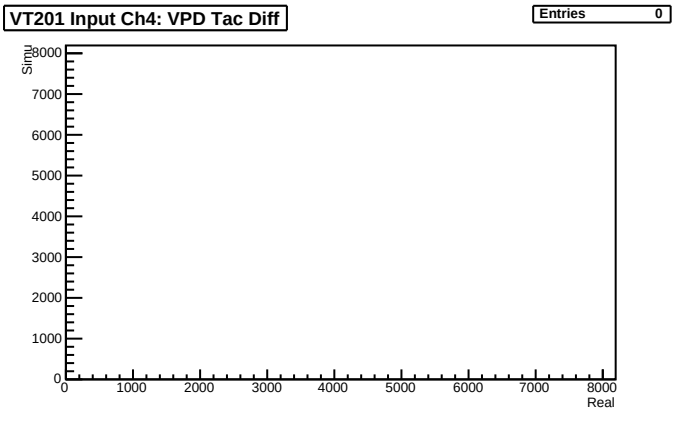

VT201 Input Ch2: ZDC Tac Diff
Entries 154046
Tac

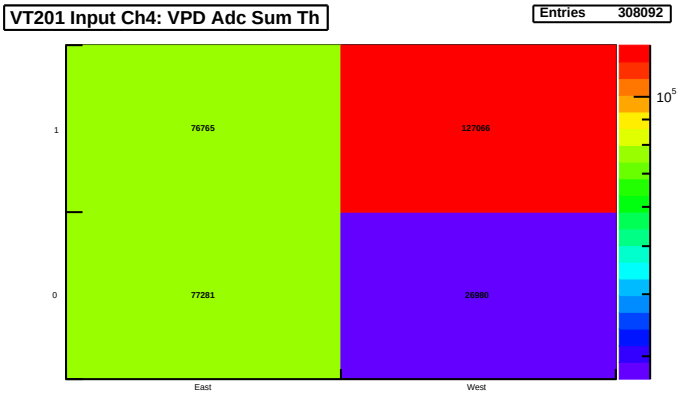

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

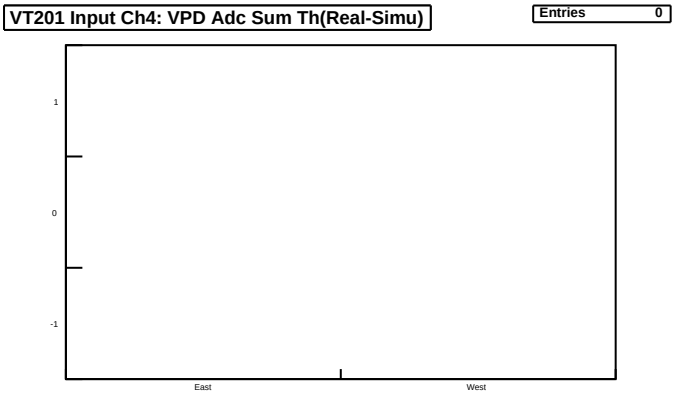

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1232368
3275
758
2
2
2660
1013
22
19
150771
153288
154044
154044
151386
153033
154024
154027
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

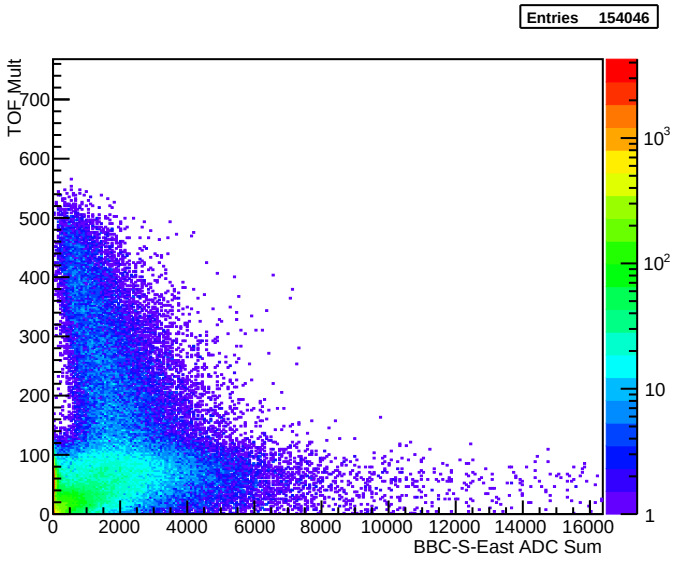

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

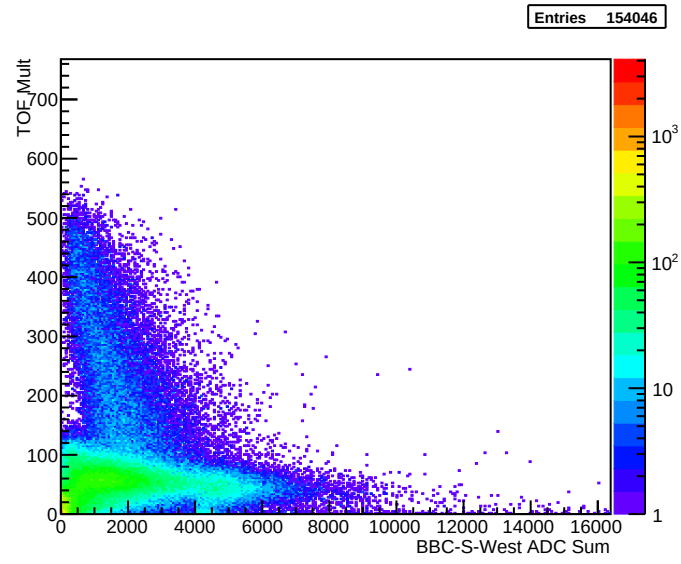

VT201 Input Ch4: VPD Tac Diff
Entries 154046
Tac

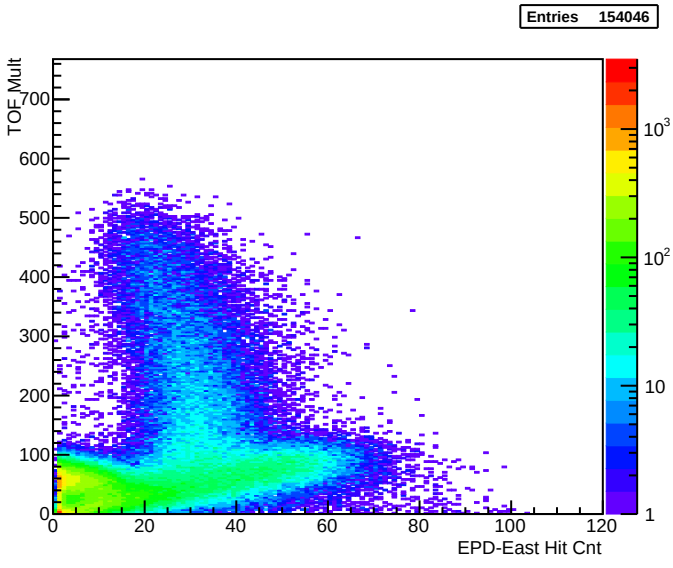

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

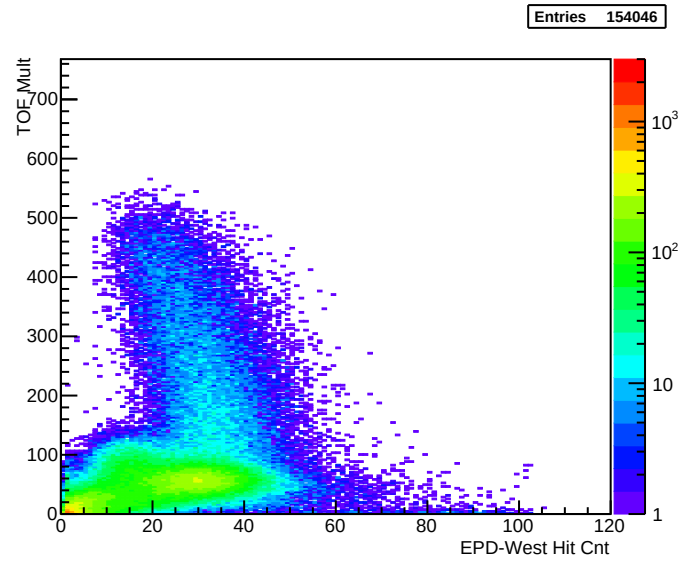

VT201 Input Ch4: VPD Adc Sum Th
Entries 308092
76765
127066
77281
26980
East
West

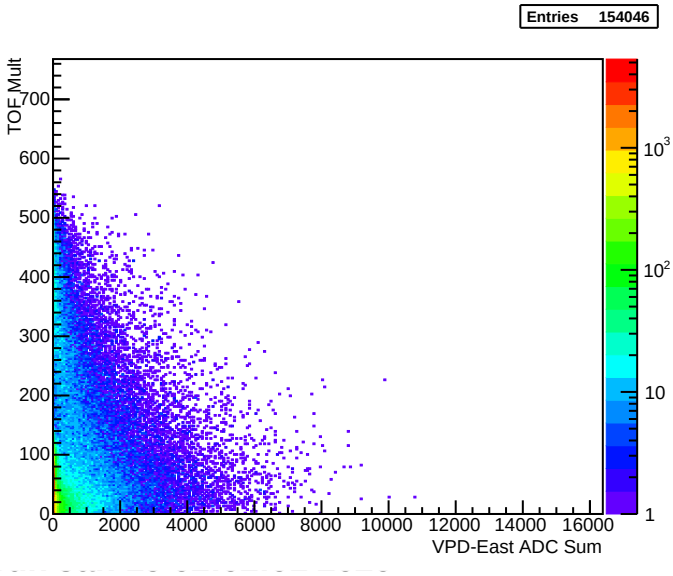

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

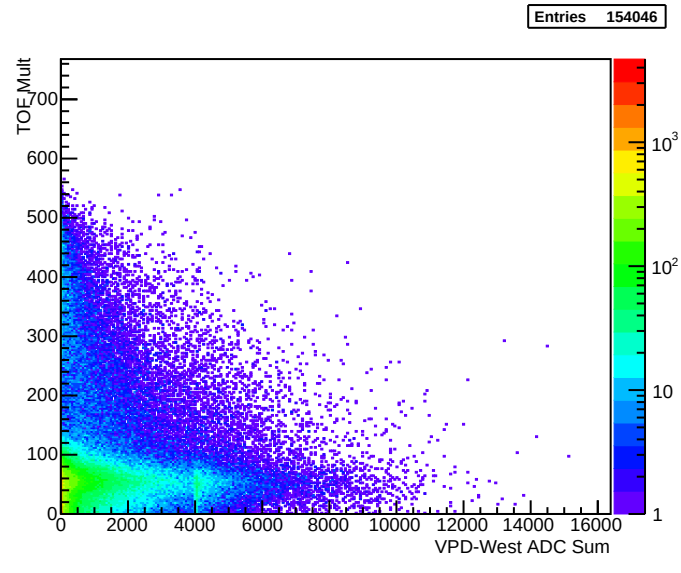

Entries 154046
TOF_Mult
BBC-S-East ADC Sum

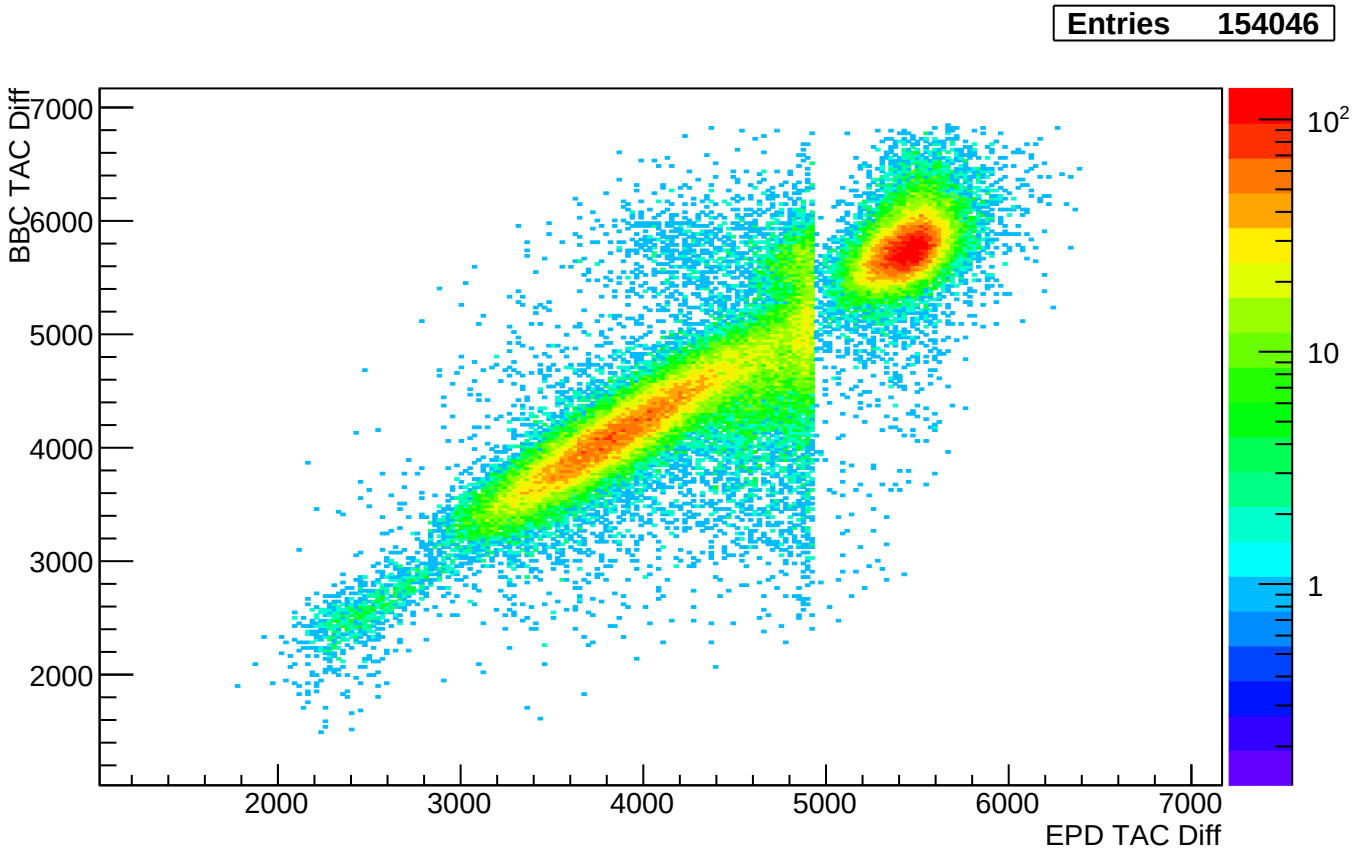

Entries 154046
TOF_Mult
BBC-S-West ADC Sum

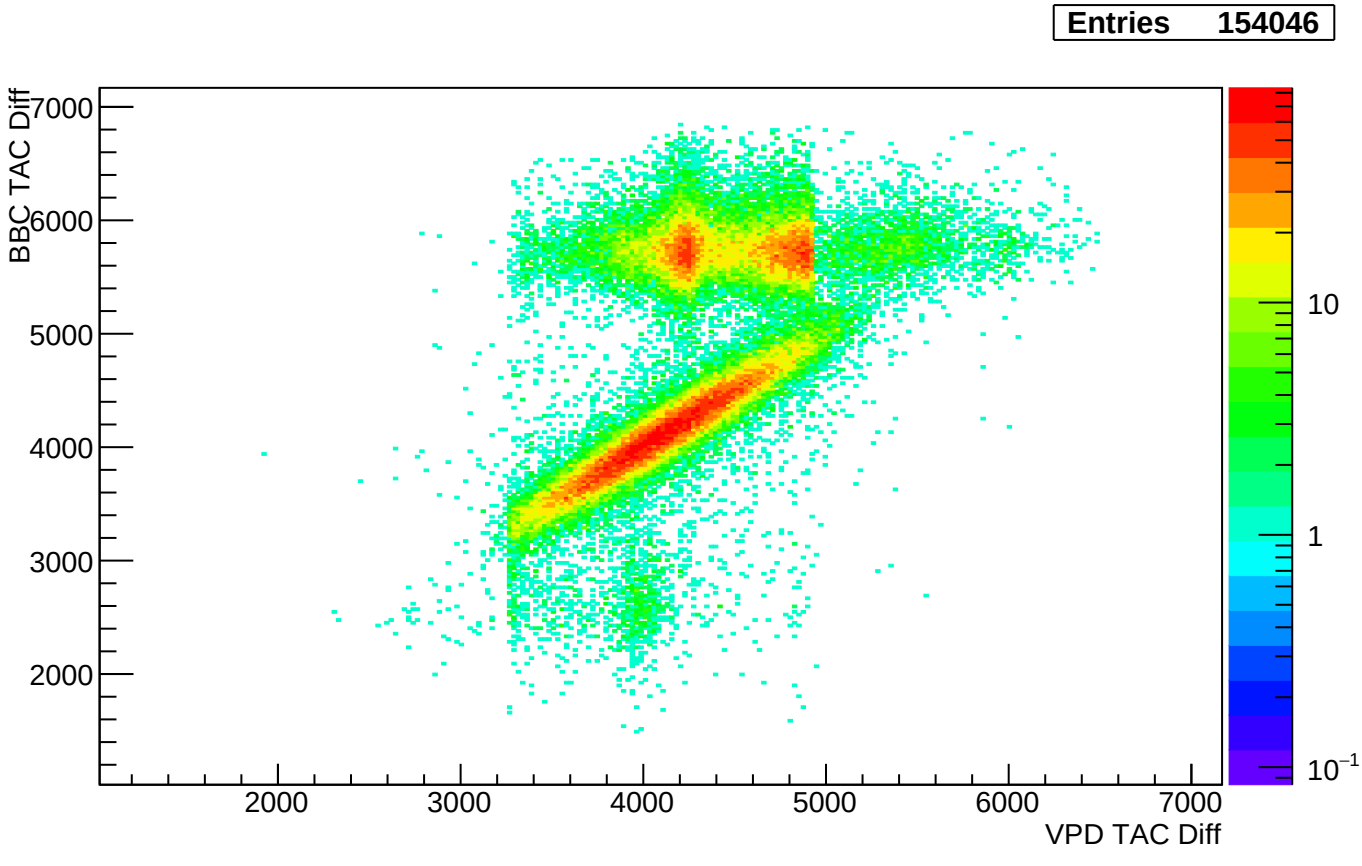

Entries 154046
TOF_Mult
EPD-East Hit Cnt

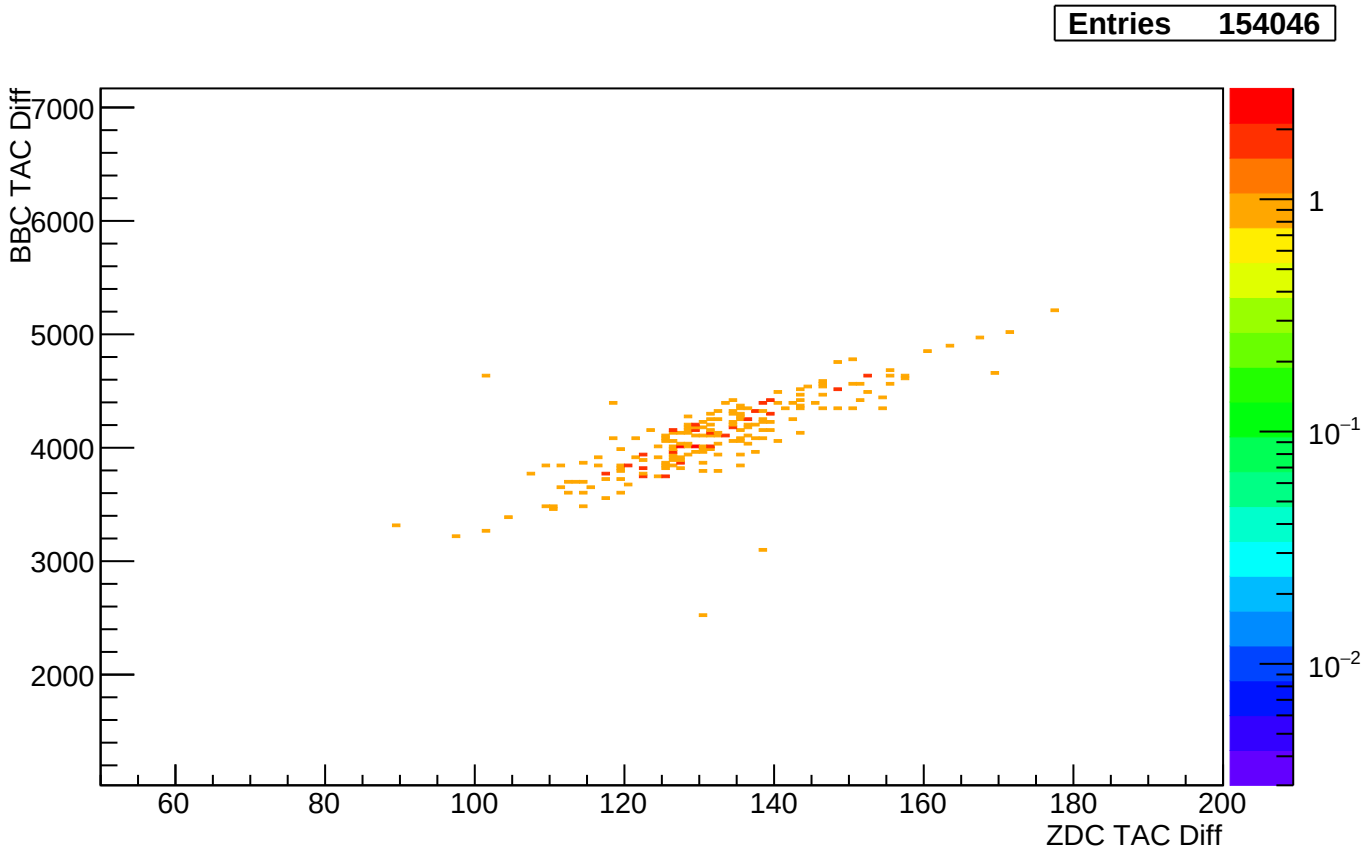

Entries 154046
TOF_Mult
EPD-West Hit Cnt

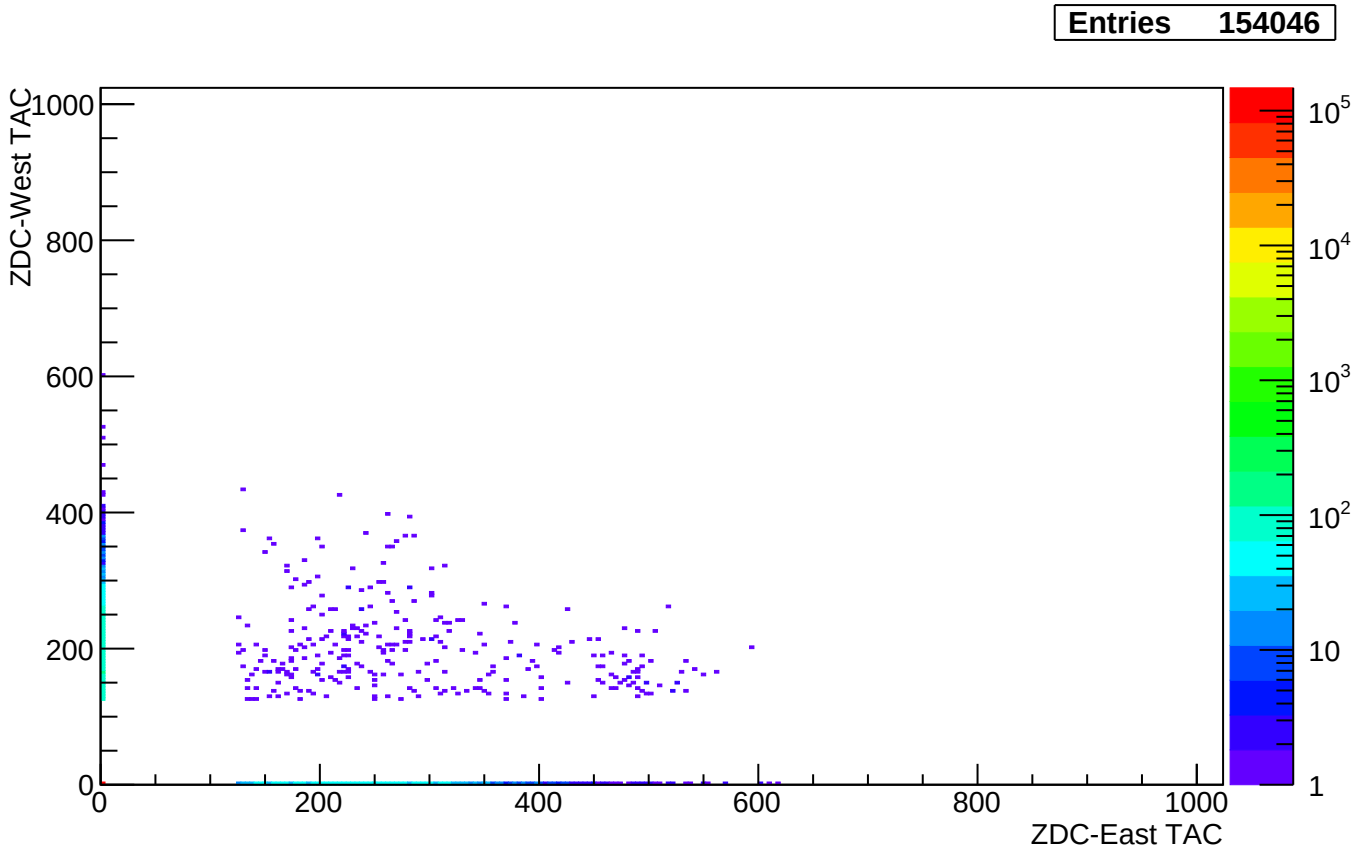

Entries 154046
TOF_Mult
VPD-East ADC Sum

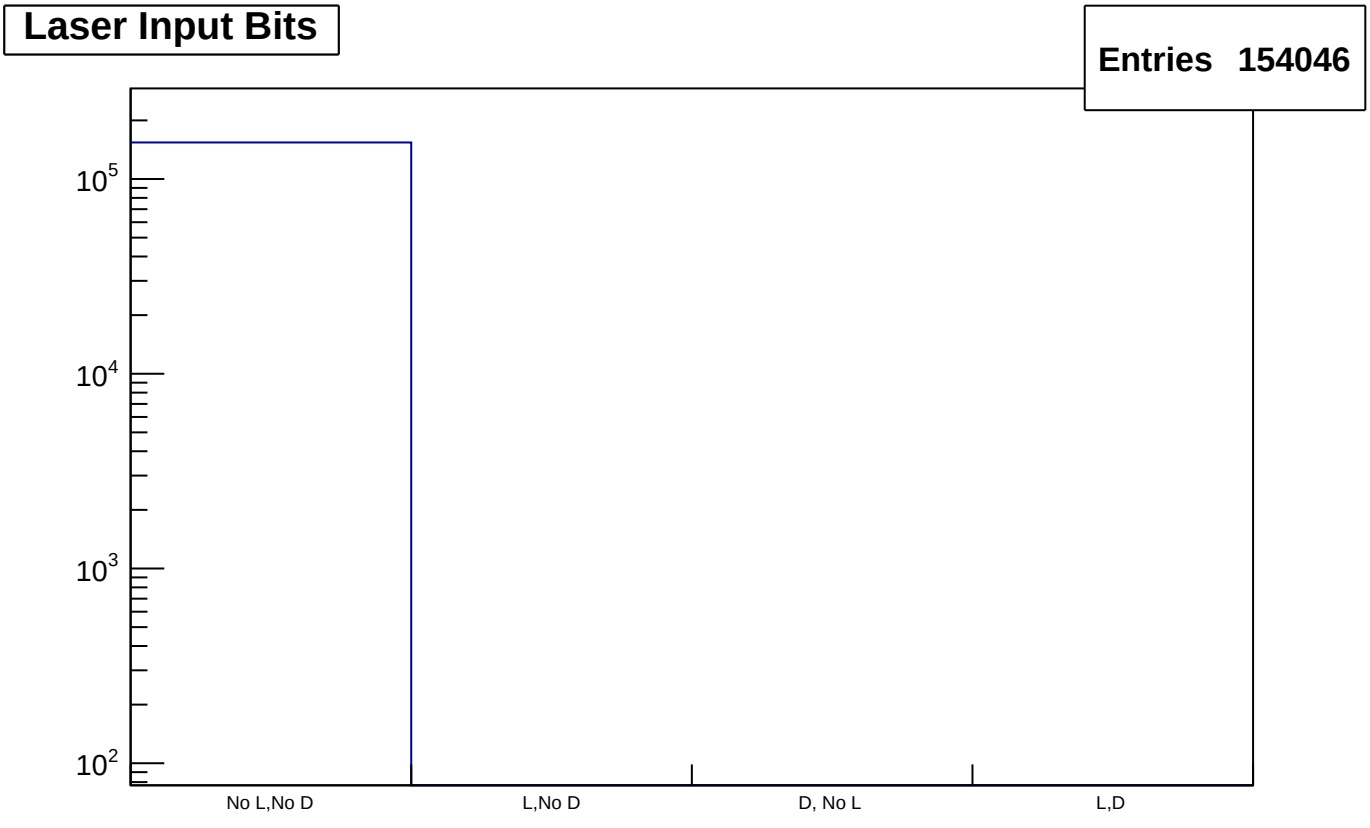

Entries 154046
TOF_Mult
VPD-West ADC Sum

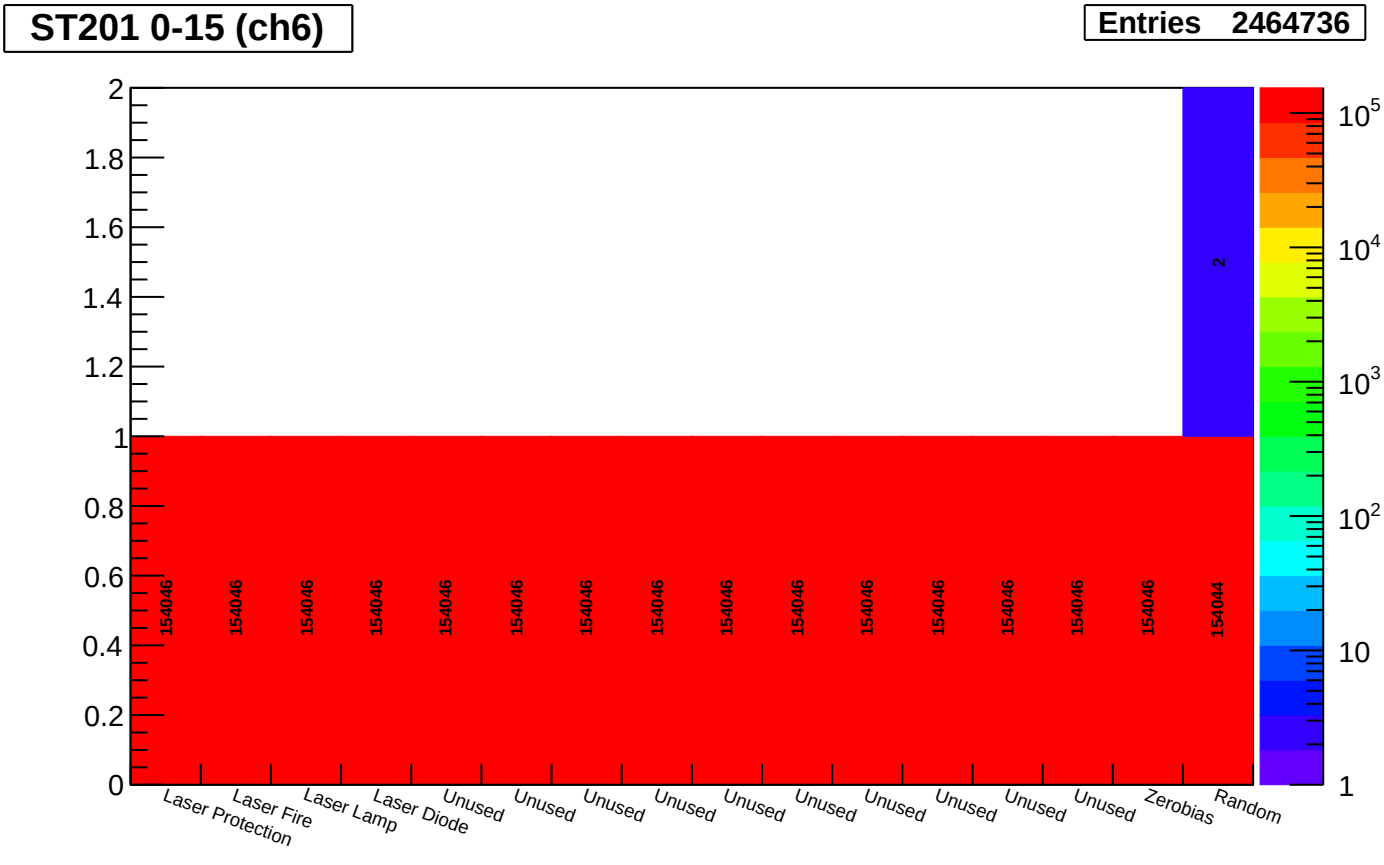

Entries 154046
BBC TAC Diff
EPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
10^2

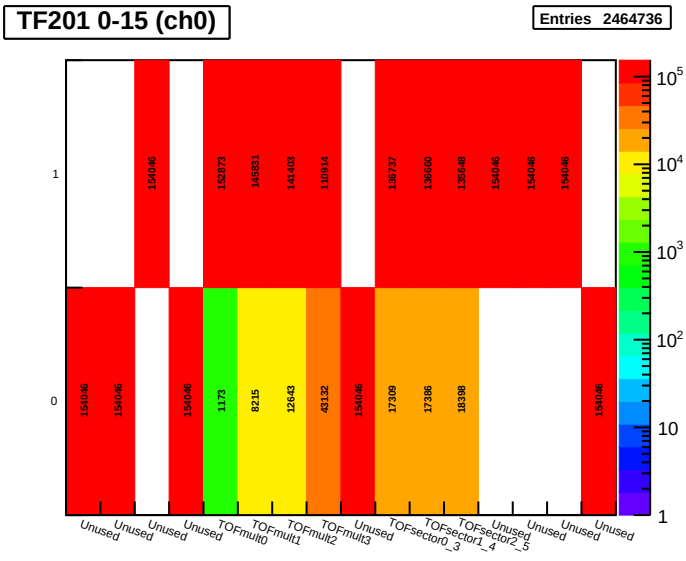

Entries 154046
BBC TAC Diff
VPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
10^{-1}

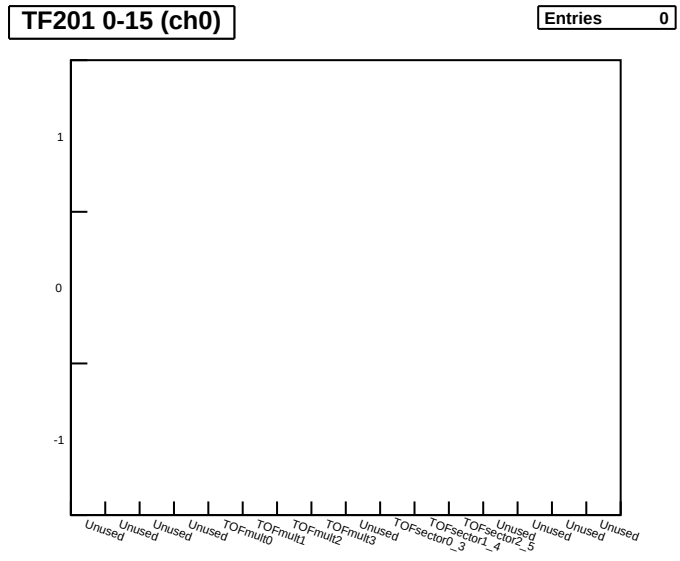

Entries 154046
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

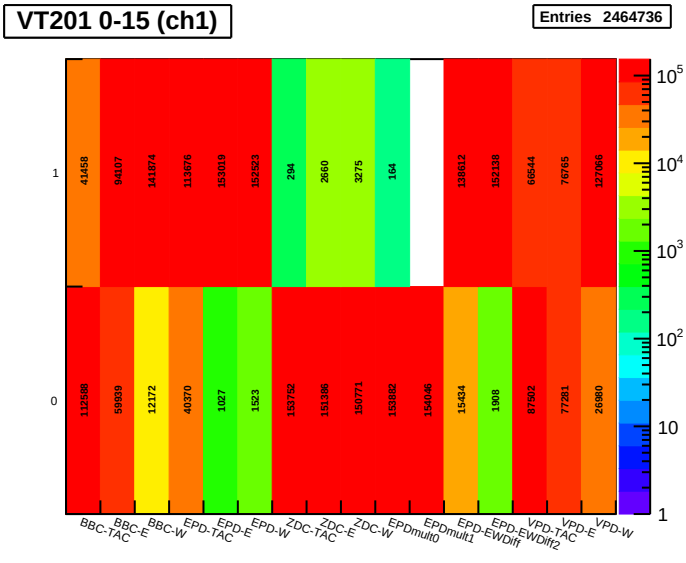

Entries 154046
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

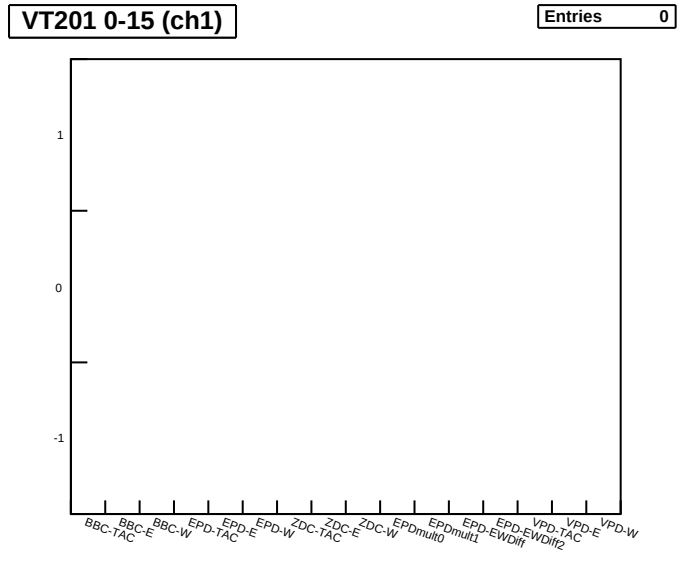

Laser Input Bits
Entries 154046
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

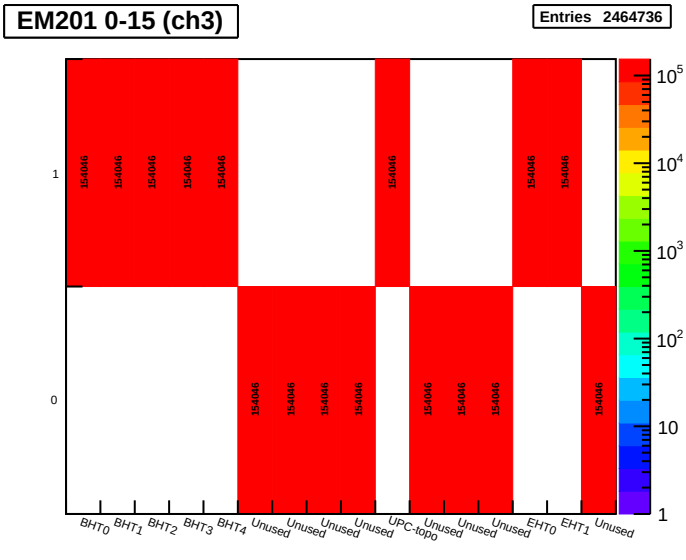

ST201 0-15 (ch6)
Entries 2464736
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
154046
154044
2
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

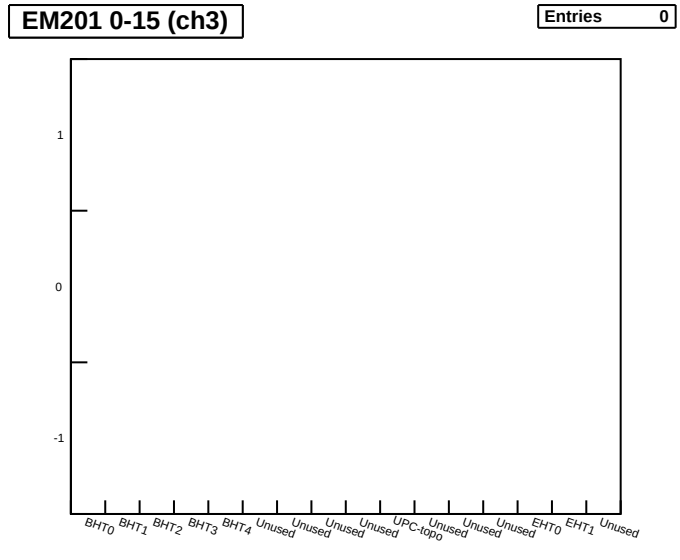

TF201 0-15 (ch0)
Entries 2464736
1
0
154046
152873
145831
141403
110914
136737
136660
135648
154046
154046
154046
154046
154046
1173
8215
12643
43132
154046
17309
17386
18398
154046
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
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


VT201 0-15 (ch1)
Entries 2464736
1
0
41458
94107
141874
113676
153019
152523
294
2660
3275
164
138612
152138
66544
76765
127066
112588
59939
12172
40370
1027
1523
153752
151386
150771
153882
154046
15434
1908
87502
77281
26980
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 2464736
1
0
154046
154046
154046
154046
154046
154046
154046
154046
154046
154046
154046
154046
154046
154046
154046
154046
154046
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