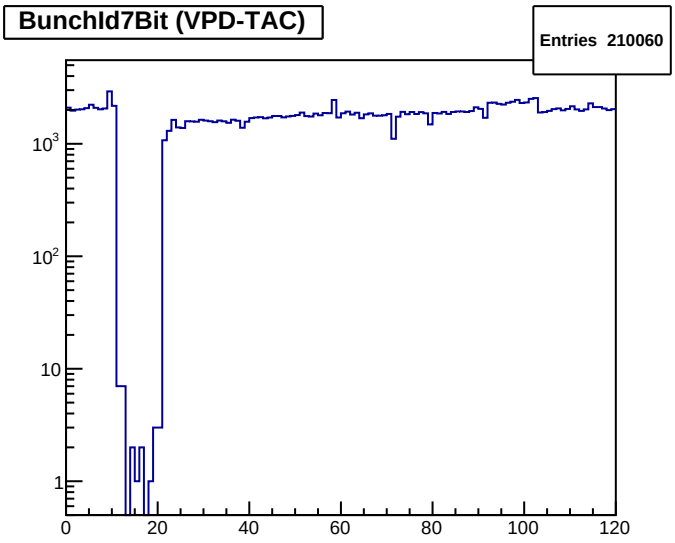
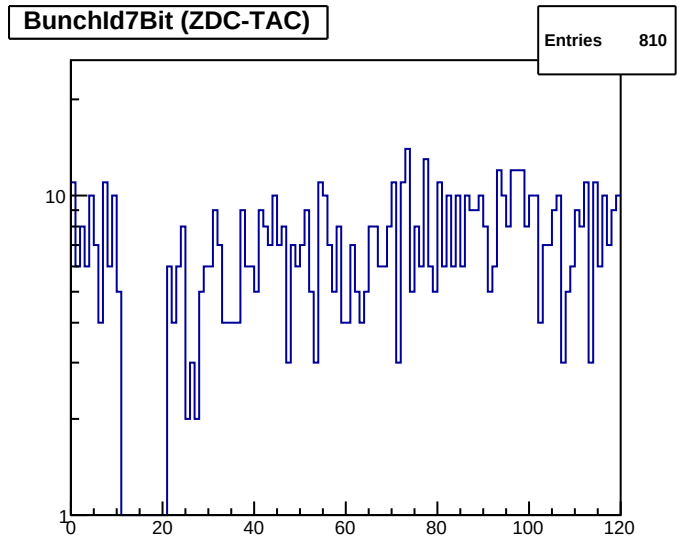
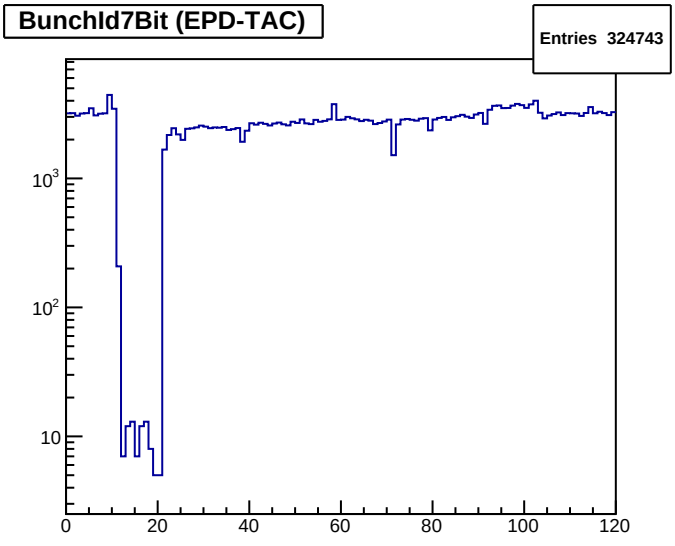
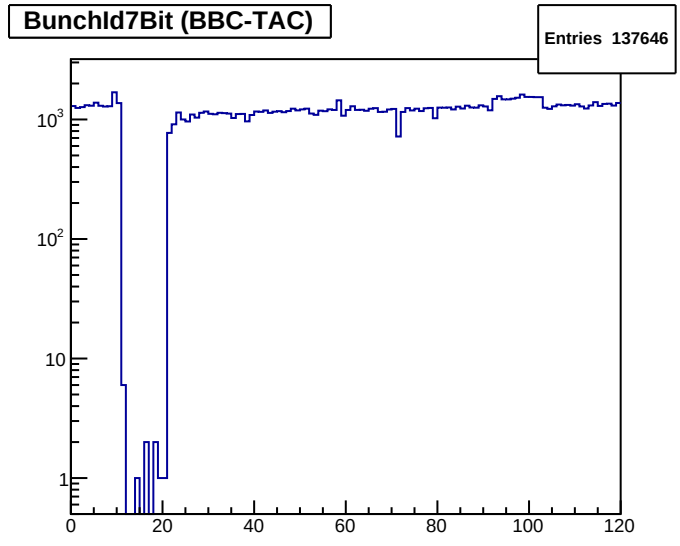
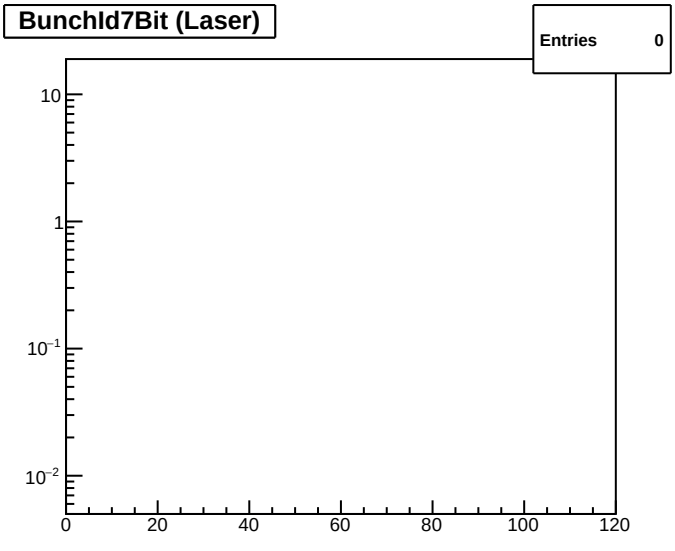
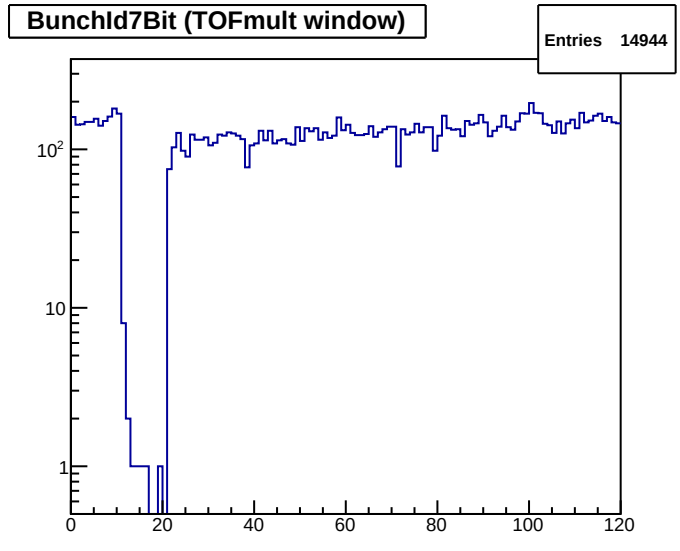

BunchId7Bit (VPD-TAC)
Entries 210060

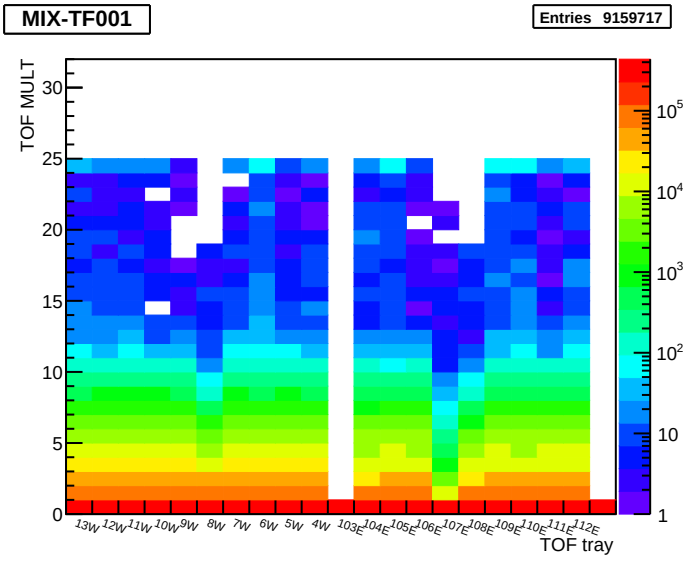

BunchId7Bit (ZDC-TAC)
Entries 810

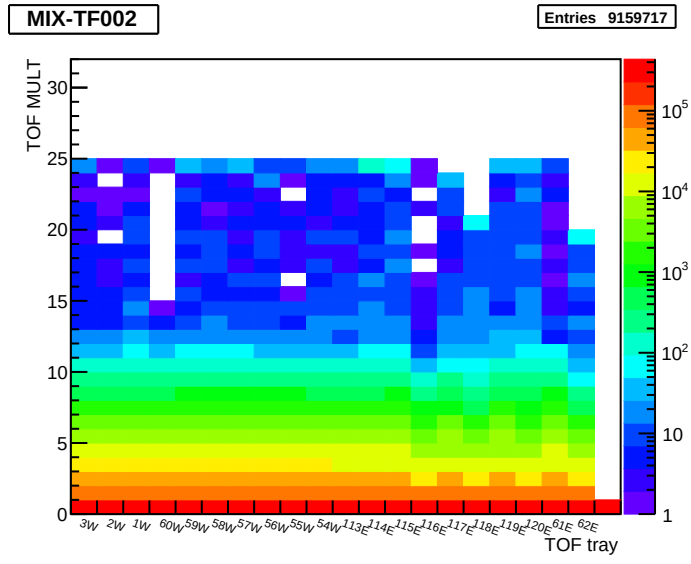

BunchId7Bit (EPD-TAC)
Entries 324743

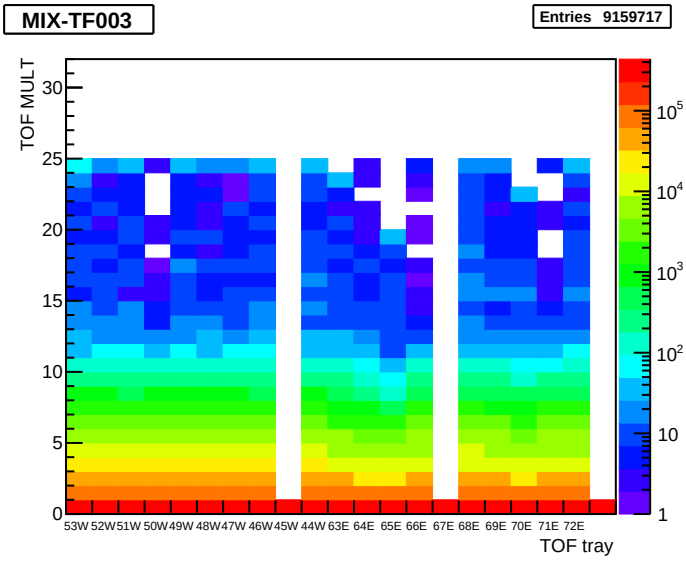

BunchId7Bit (BBC-TAC)
Entries 137646

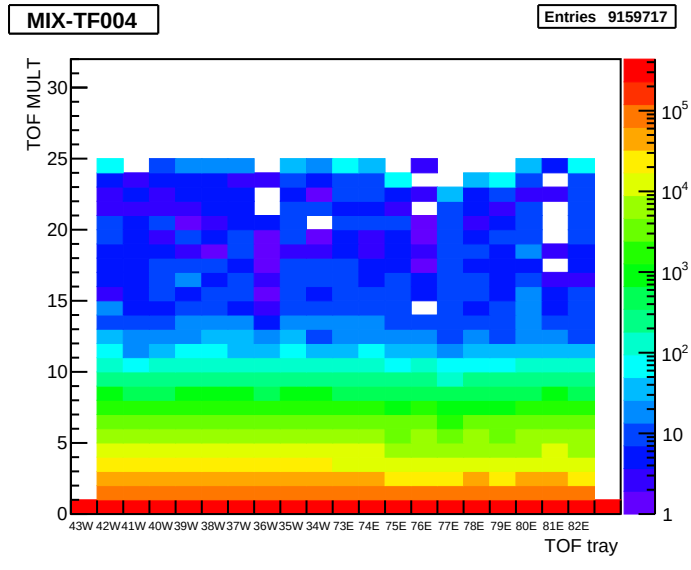

BunchId7Bit (Laser)
Entries 0

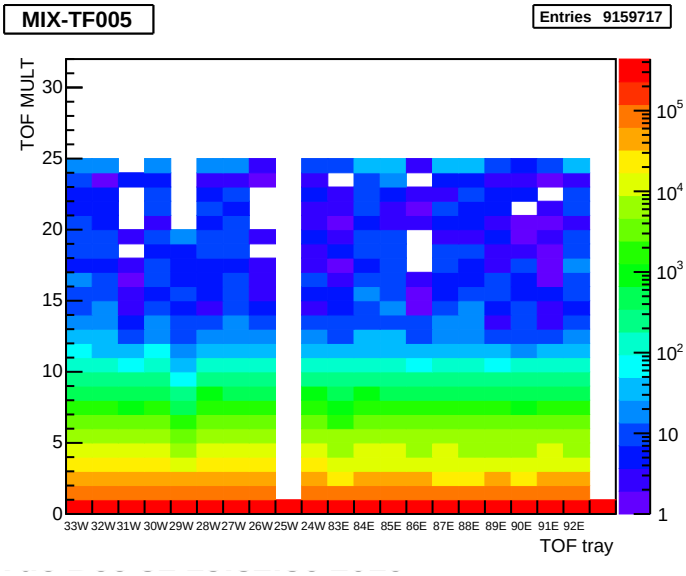

BunchId7Bit (TOFmult window)
Entries 14944

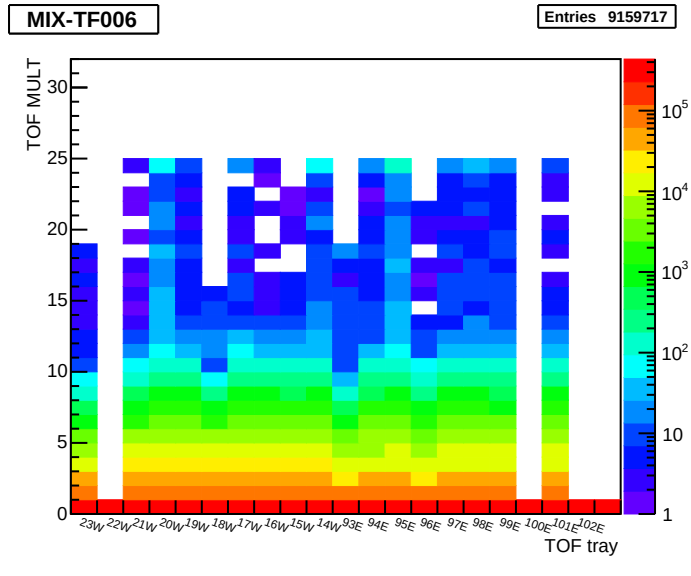

MIX-TF001
Entries 9159717
TOF MULT
TOF tray

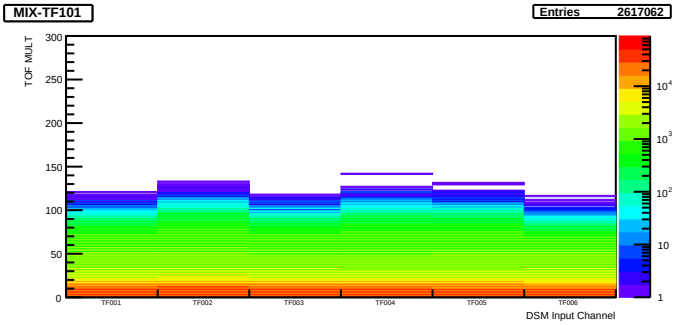

MIX-TF002
Entries 9159717
TOF MULT
TOF tray

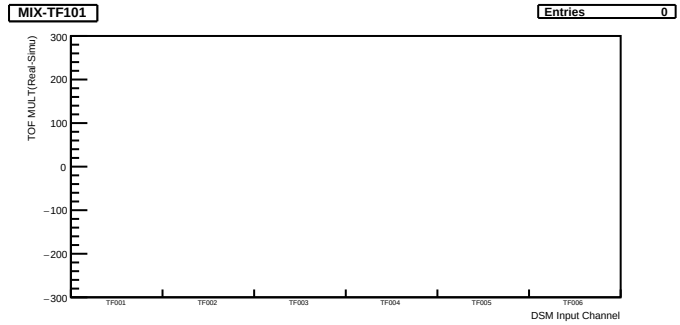

MIX-TF003
Entries 9159717
TOF MULT
TOF tray

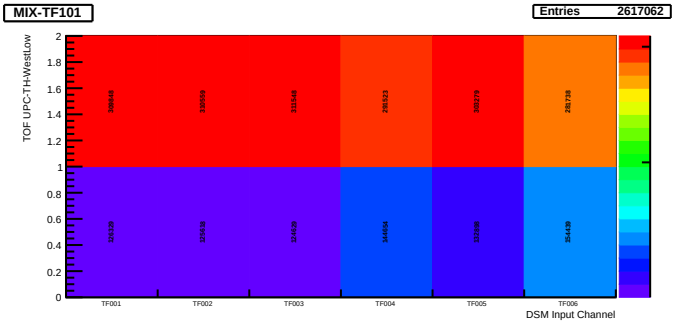

MIX-TF004
Entries 9159717
TOF MULT
TOF tray

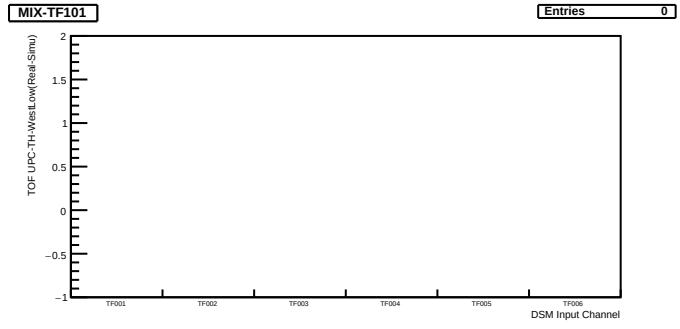

MIX-TF005
Entries 9159717
TOF MULT
TOF tray

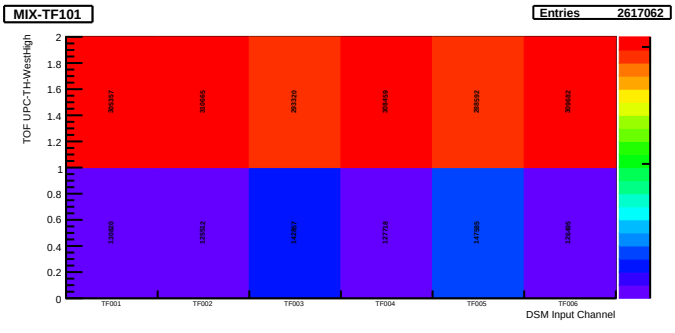

MIX-TF006
Entries 9159717
TOF MULT
TOF tray

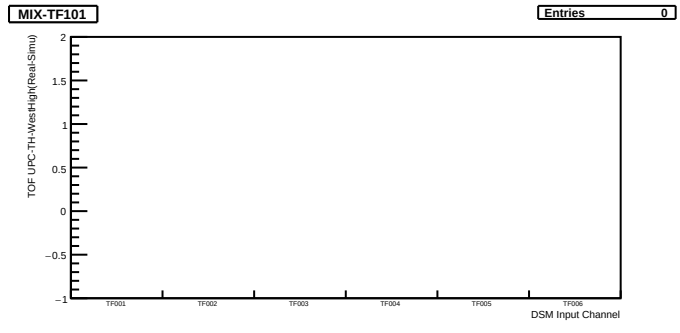

MIX-TF101
Entries 2617062
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

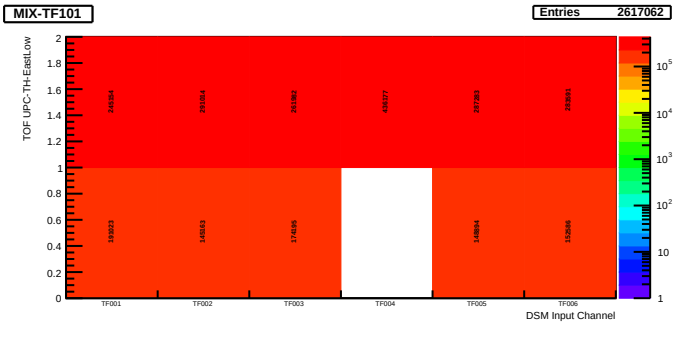

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

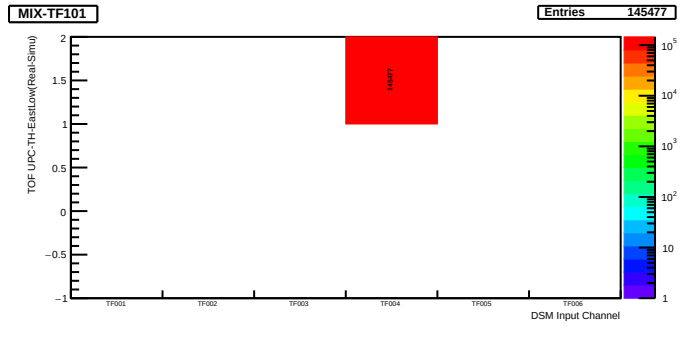

MIX-TF101
Entries 2617062
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

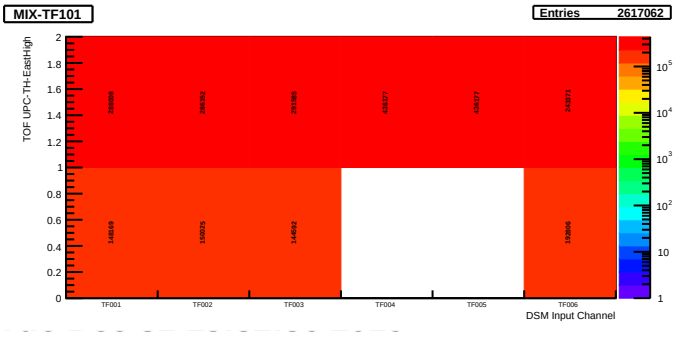

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

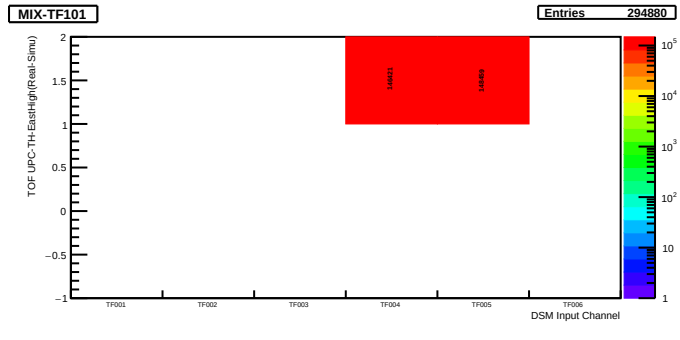

MIX-TF101
Entries 2617062
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

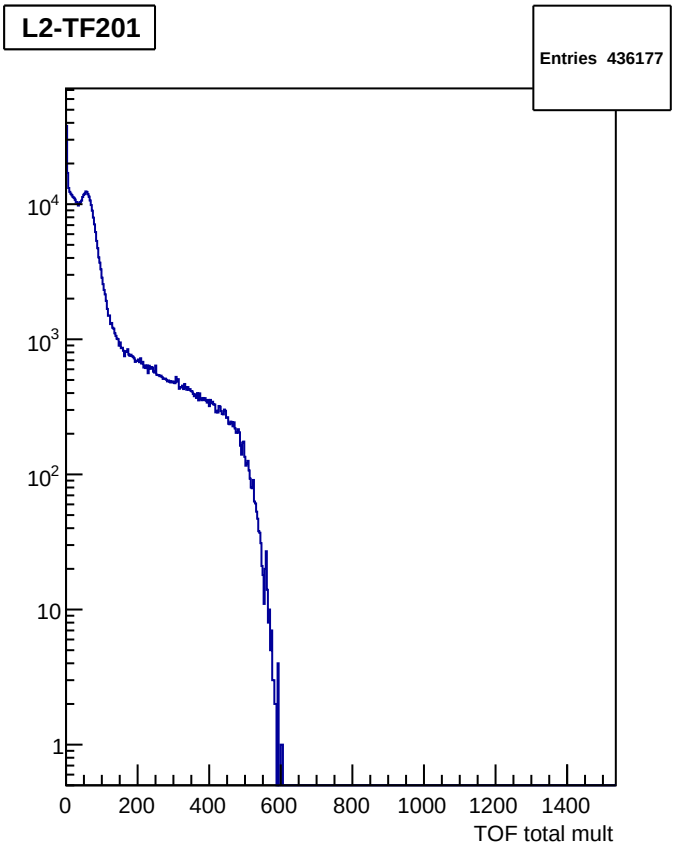

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

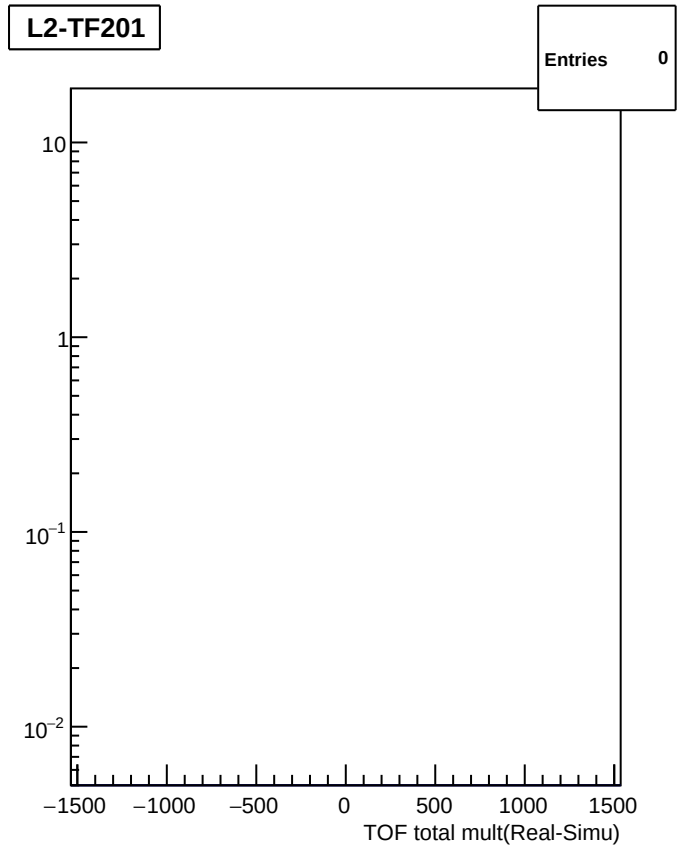

MIX-TF101
Entries 2617062
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

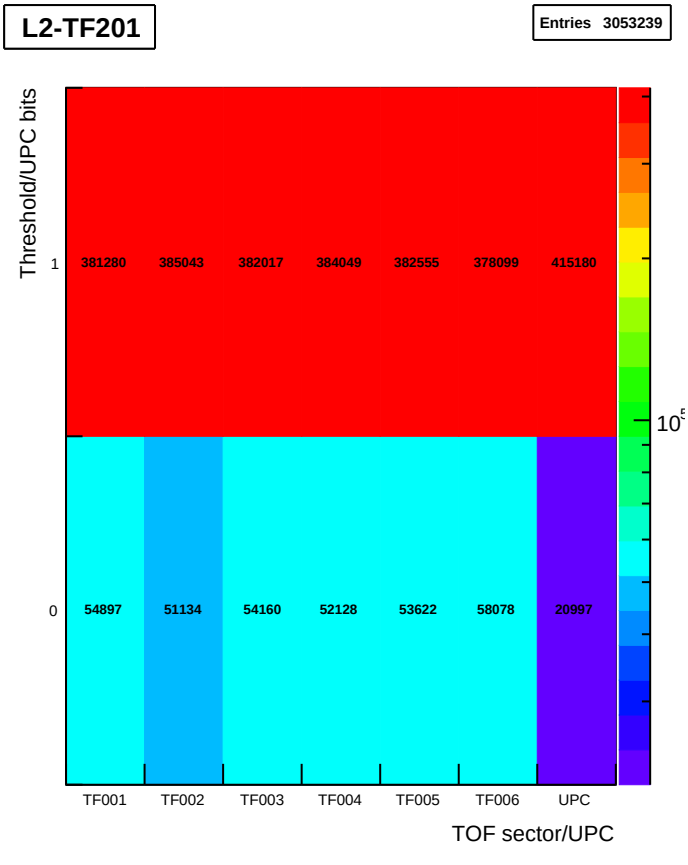

MIX-TF101
Entries 145477
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

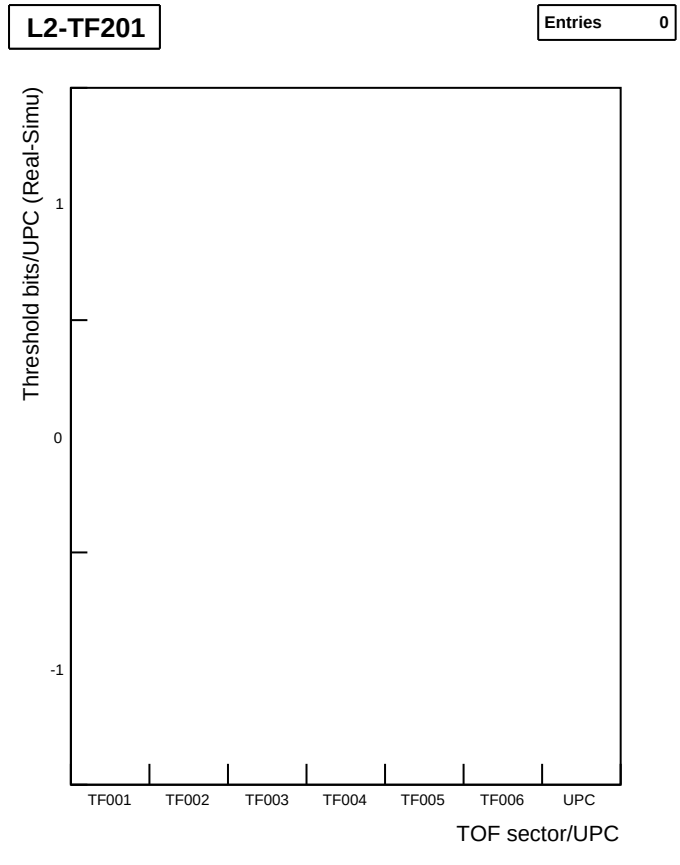

MIX-TF101
Entries 2617062
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

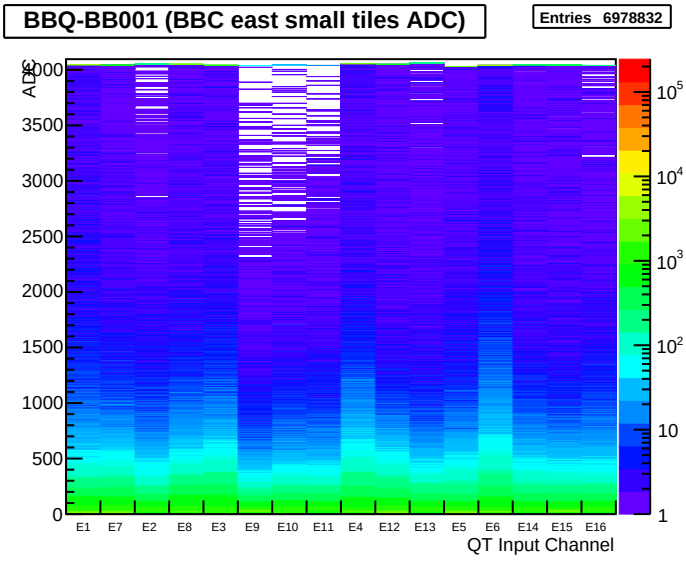

MIX-TF101
Entries 294880
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

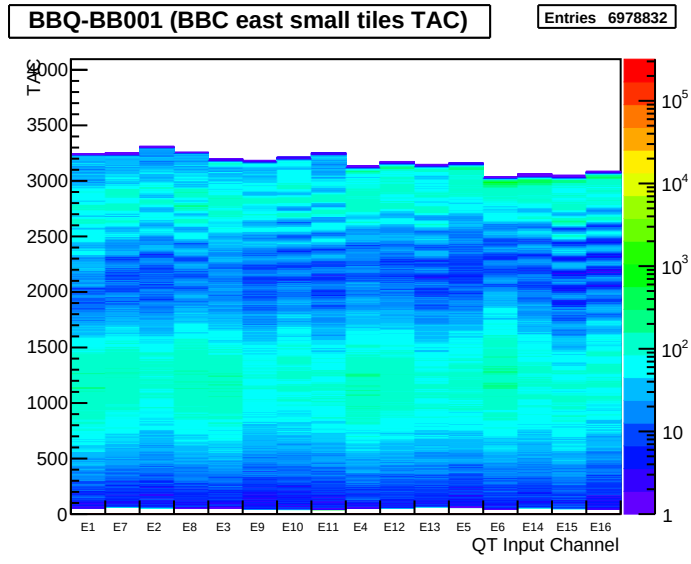

L2-TF201
Entries 436177
TOF total mult

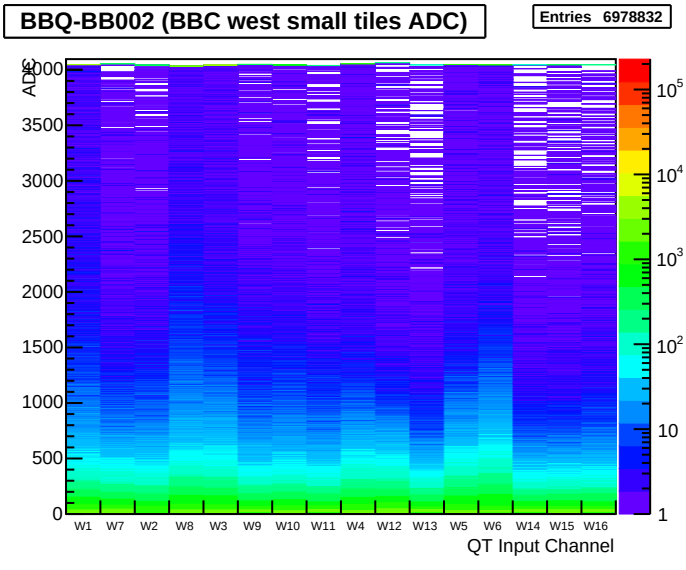

L2-TF201
Entries 0
TOF total mult(Real-Simu)

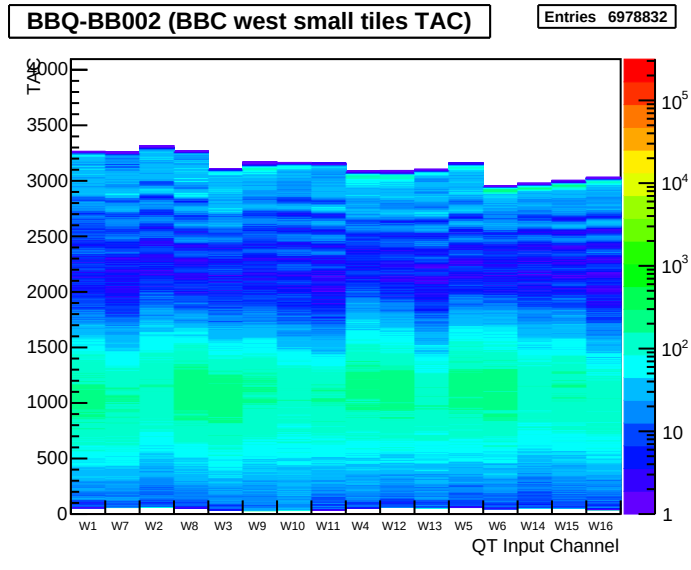

L2-TF201
Entries 3053239
Threshold/UPC bits
381280
385043
382017
384049
382555
378099
415180
54897
51134
54160
52128
53622
58078
20997
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

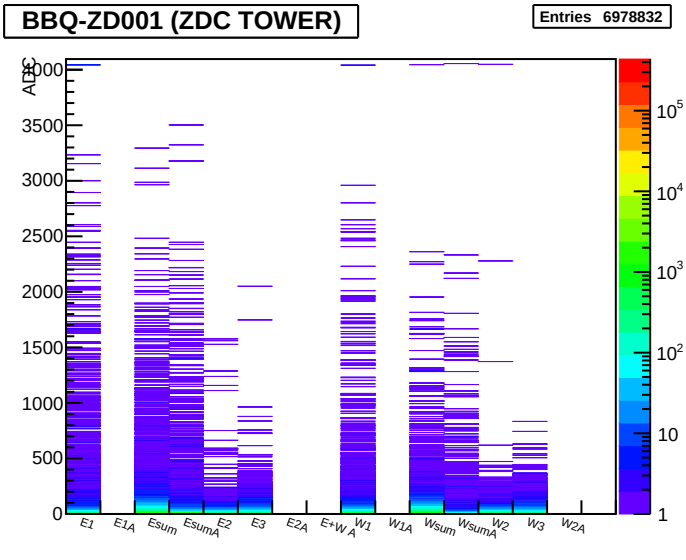

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

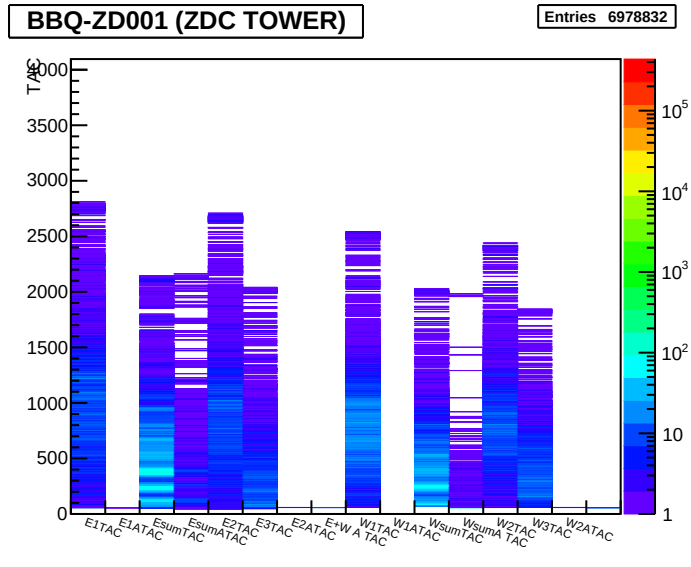

BBQ-BB001 (BBC east small tiles ADC)
Entries 6978832
ADC
QT Input Channel

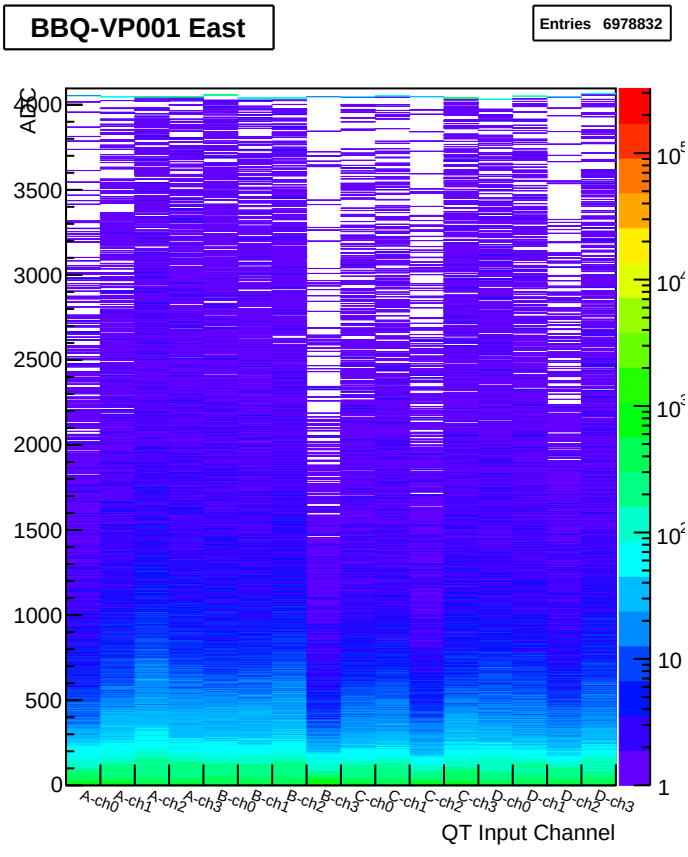

BBQ-BB001 (BBC east small tiles TAC)
Entries 6978832
TAC
QT Input Channel

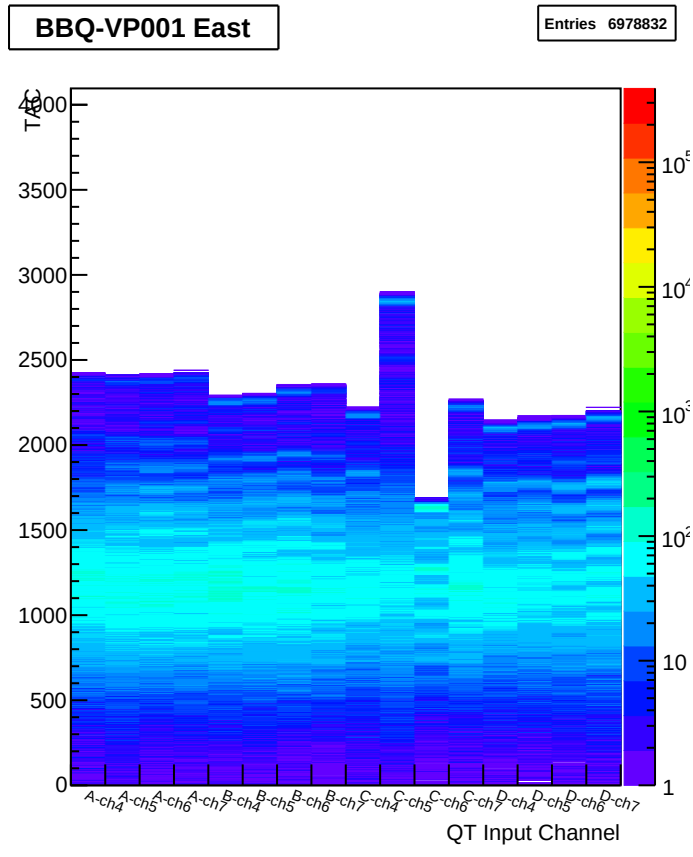

BBQ-BB002 (BBC west small tiles ADC)
Entries 6978832
ADC
QT Input Channel

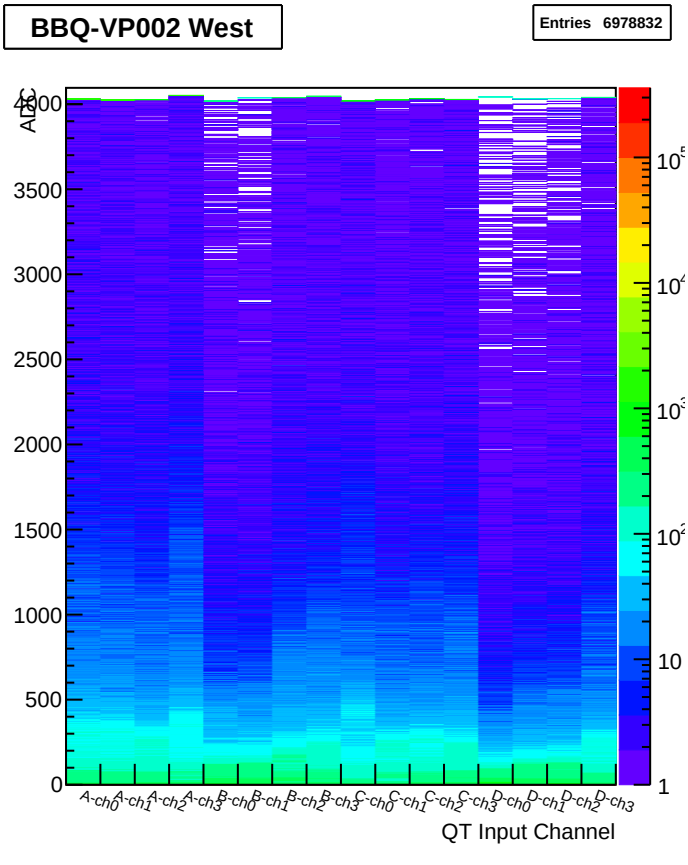

BBQ-BB002 (BBC west small tiles TAC)
Entries 6978832
TAC
QT Input Channel

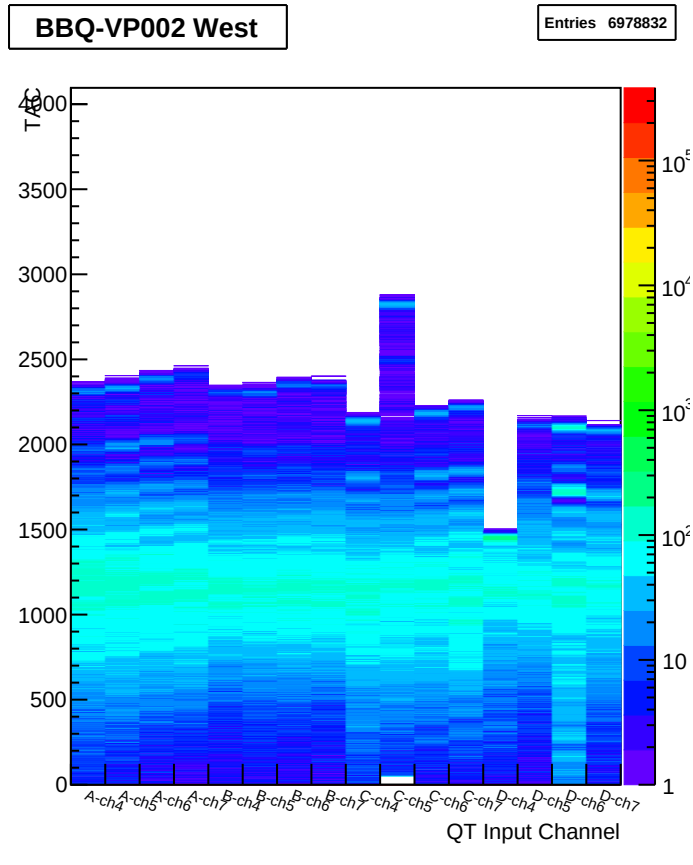

BBQ-ZD001 (ZDC TOWER)
Entries 6978832
ADC

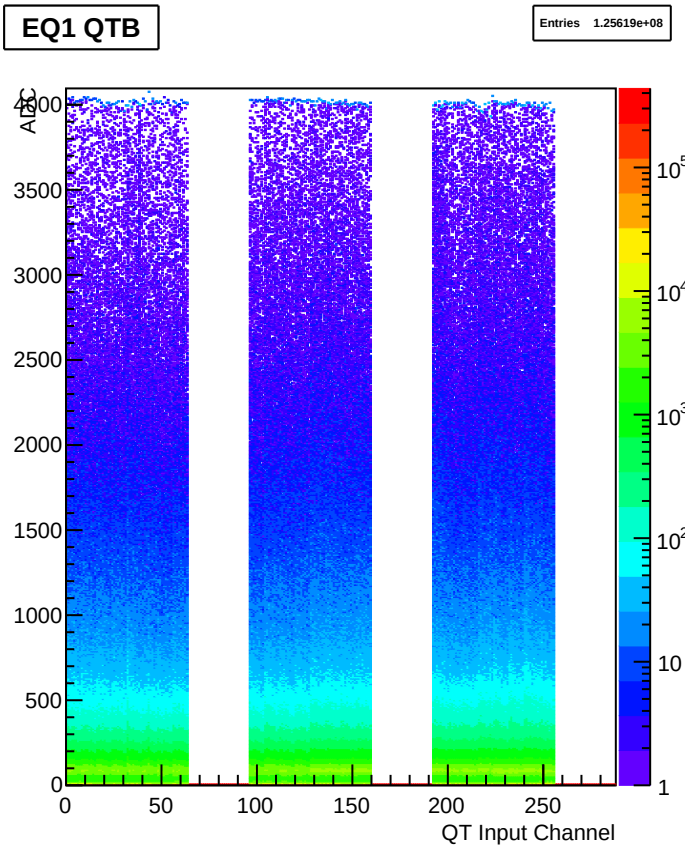

BBQ-ZD001 (ZDC TOWER)
Entries 6978832
TAC

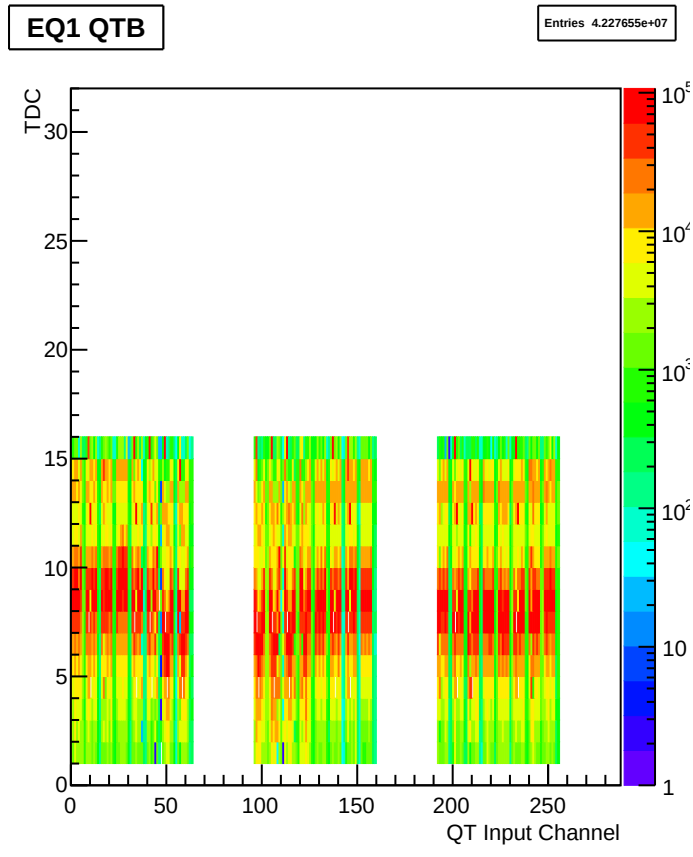

BBQ-VP001 East
Entries 6978832
ADC
QT Input Channel

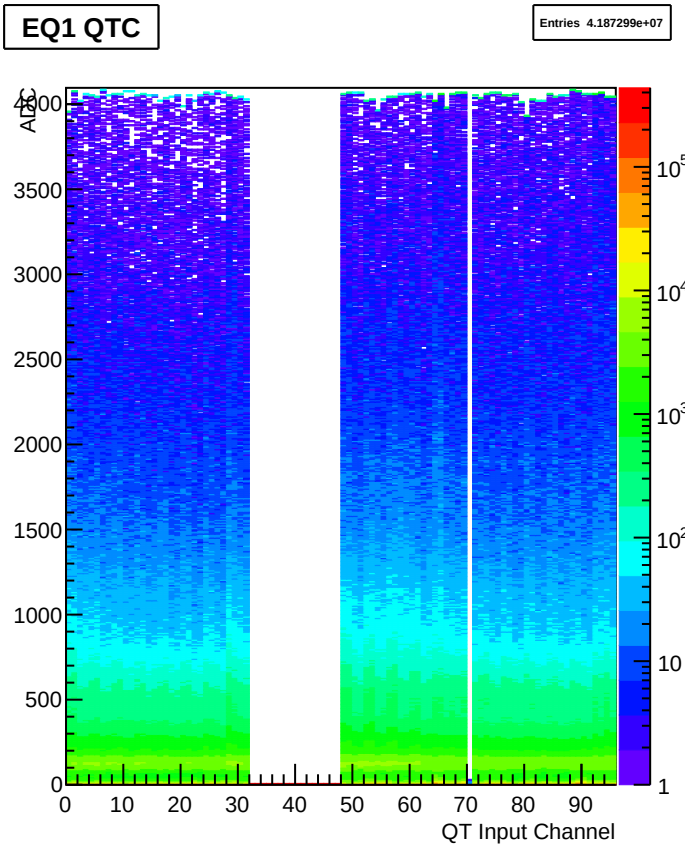

BBQ-VP001 East
Entries 6978832
TADC
QT Input Channel

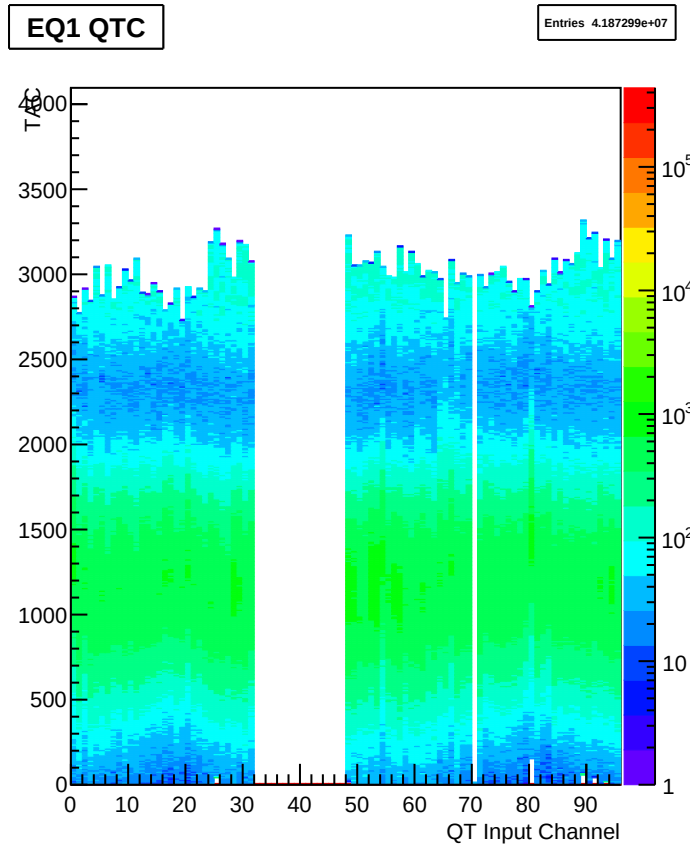

BBQ-VP002 West
Entries 6978832
ADC
QT Input Channel

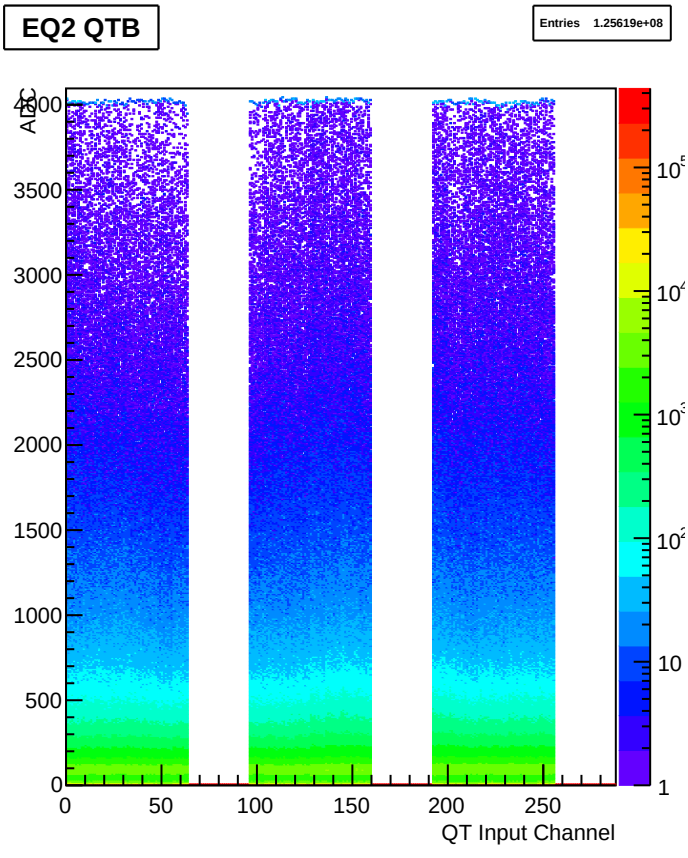

BBQ-VP002 West
Entries 6978832
TADC
QT Input Channel

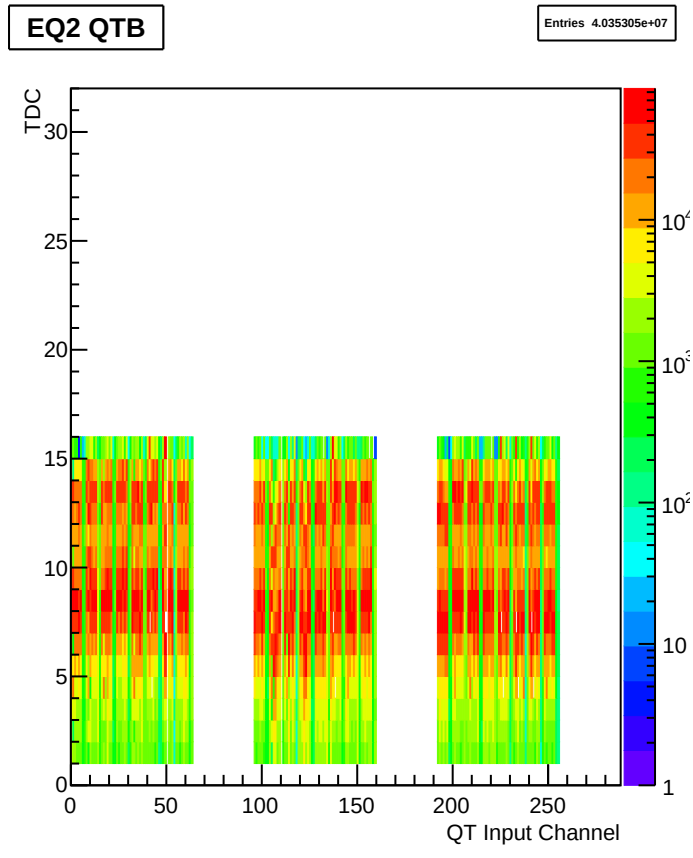

EQ1 QTB
Entries 1.25619e+08
ADC
QT Input Channel

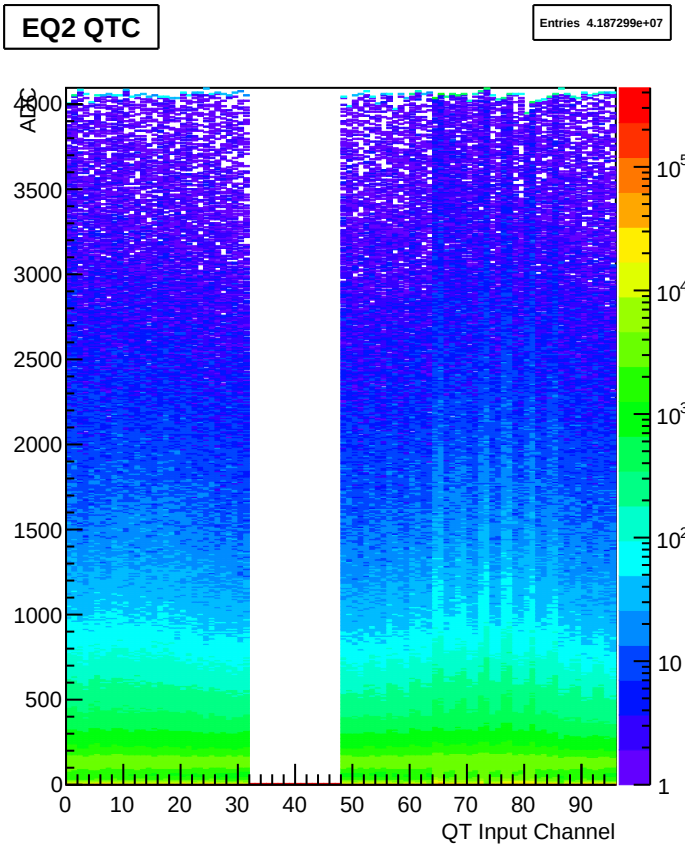

EQ1 QTB
Entries 4.227655e+07
TDC
QT Input Channel

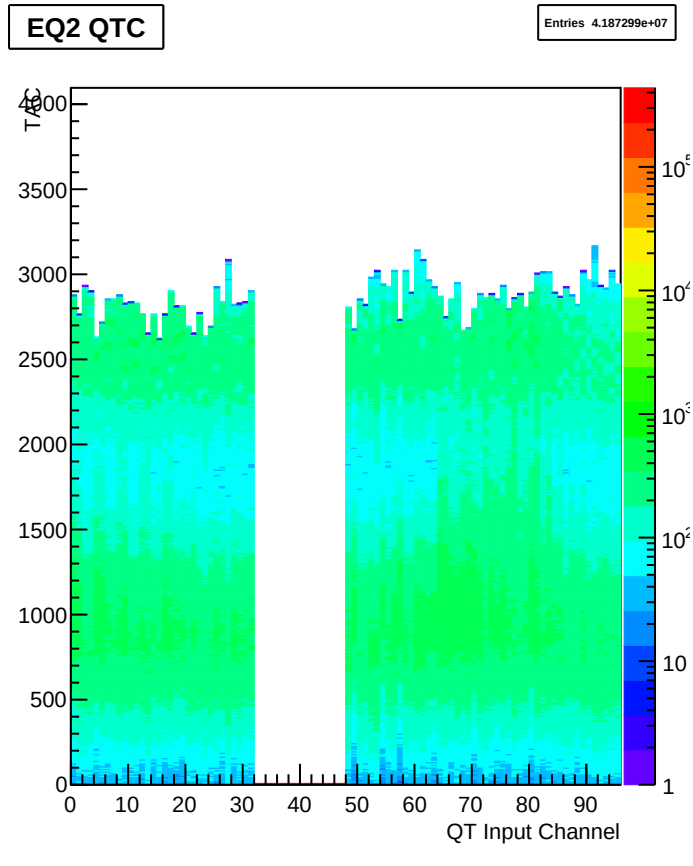

EQ1 QTC
Entries 4.187299e+07
ADC
QT Input Channel

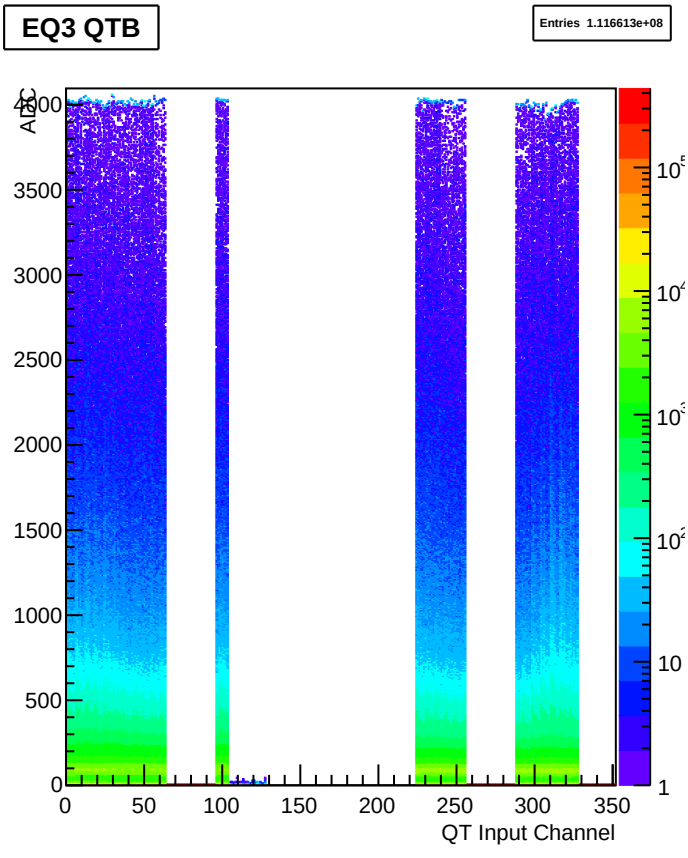

EQ1 QTC
Entries 4.187299e+07
TADC
QT Input Channel

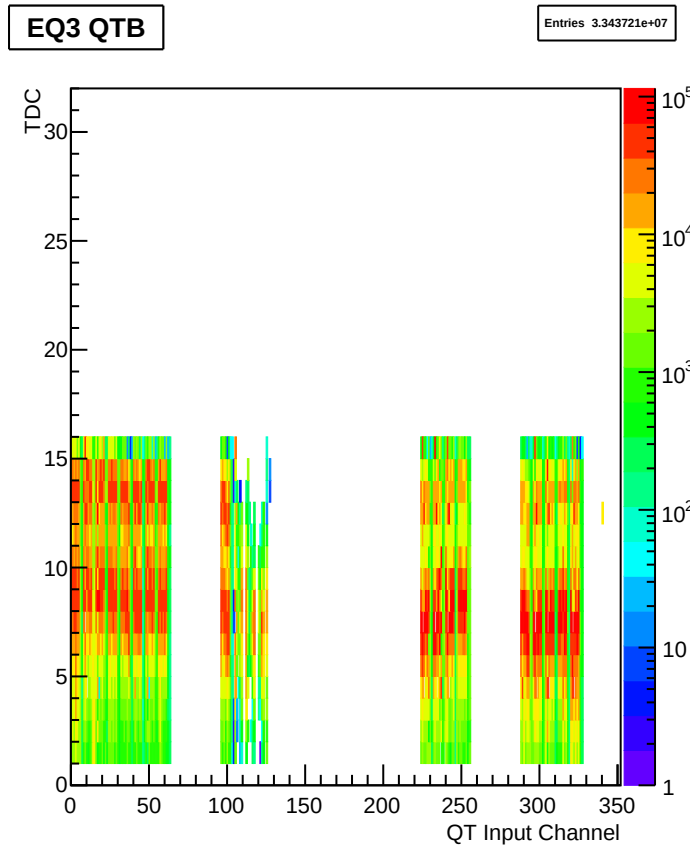

EQ2 QTB
Entries 1.25619e+08
ADC
QT Input Channel

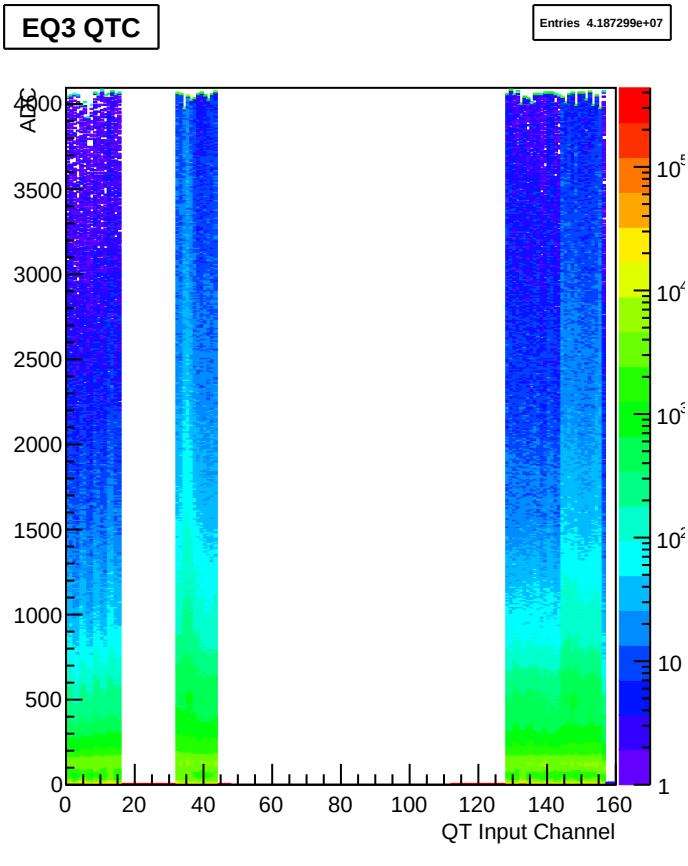

EQ2 QTB
Entries 4.035305e+07
TDC
QT Input Channel

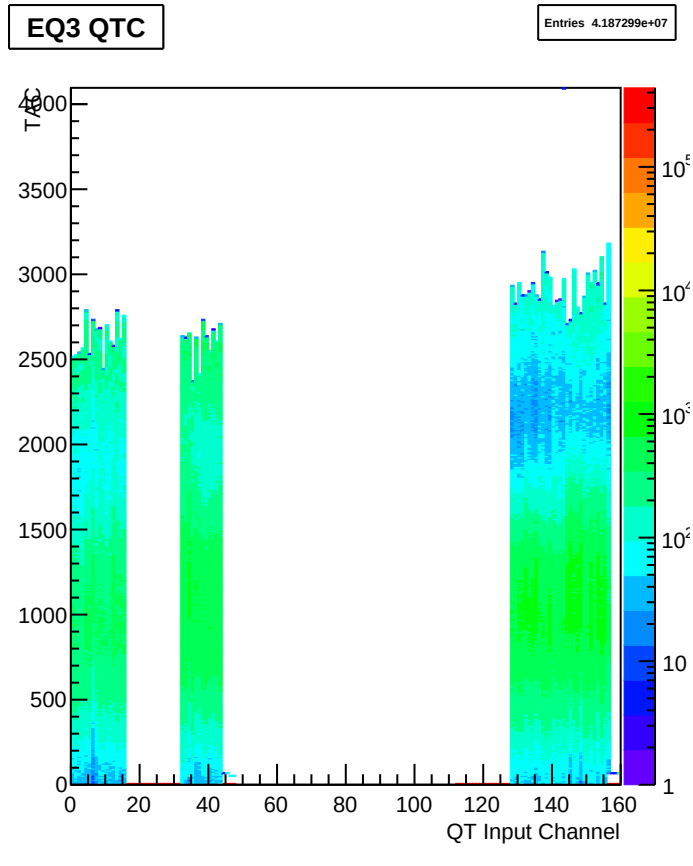

EQ2 QTC
Entries 4.187299e+07
ADC
QT Input Channel

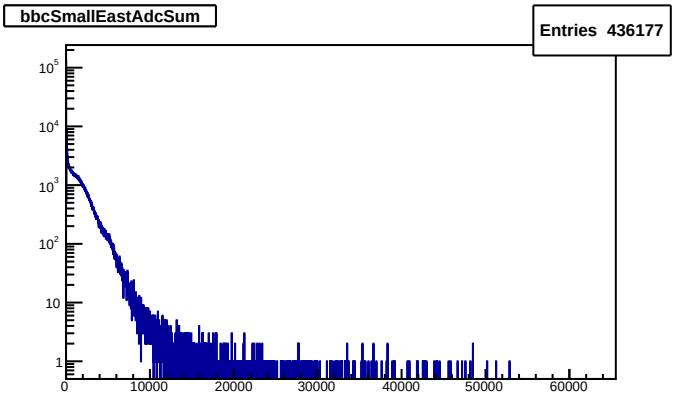

EQ2 QTC
Entries 4.187299e+07
TADC
QT Input Channel

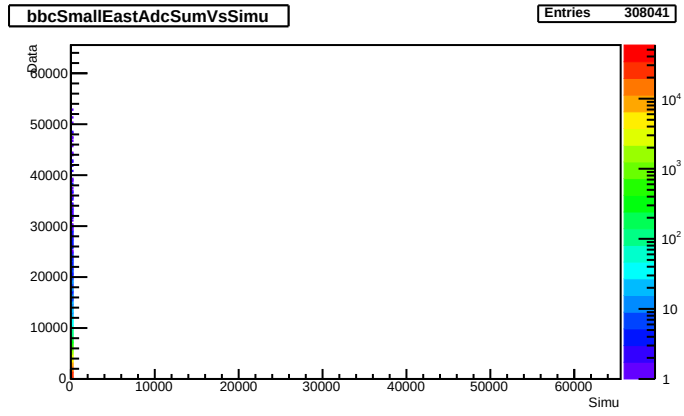

EQ3 QTB
Entries 1.116613e+08
ADC
QT Input Channel

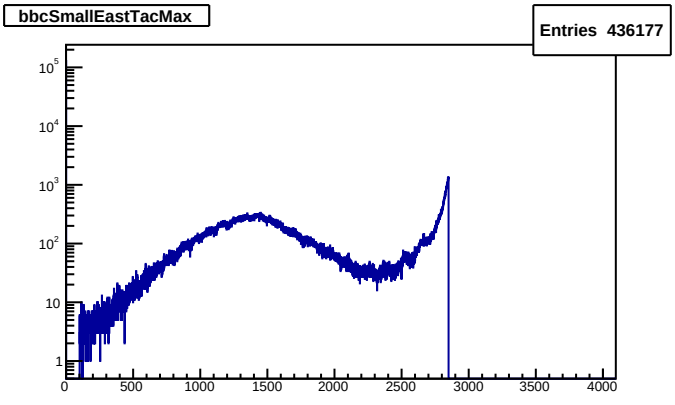

EQ3 QTB
Entries 3.343721e+07
TDC
QT Input Channel

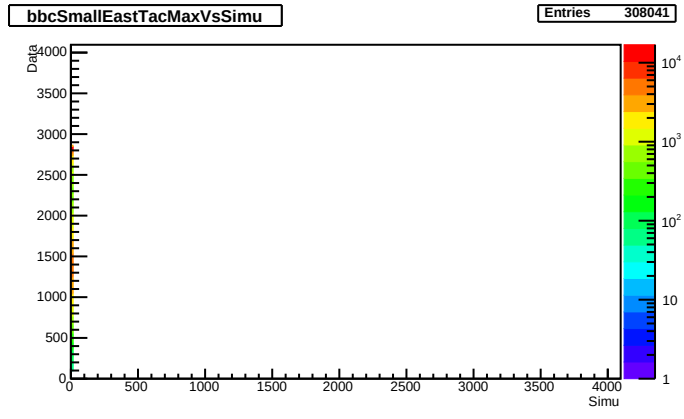

EQ3 QTC
Entries 4.187299e+07
ADC
QT Input Channel

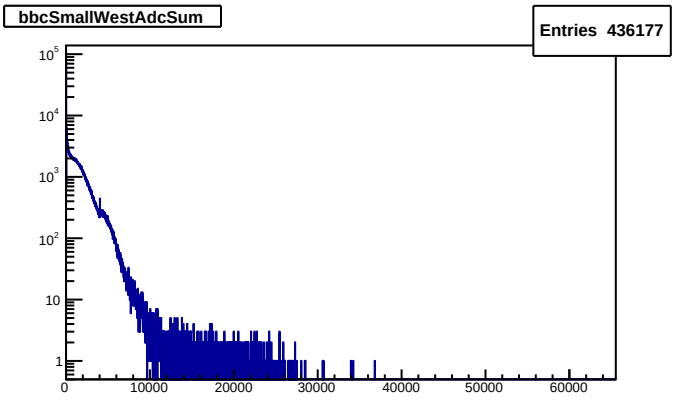

EQ3 QTC
Entries 4.187299e+07
TADC
QT Input Channel

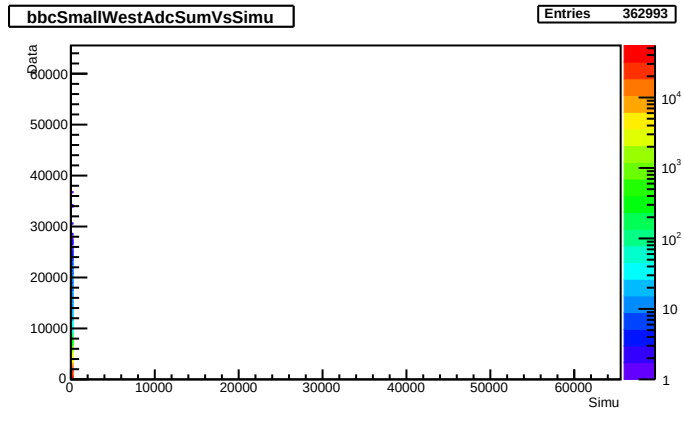

bbcSmallEastAdcSum
Entries 436177

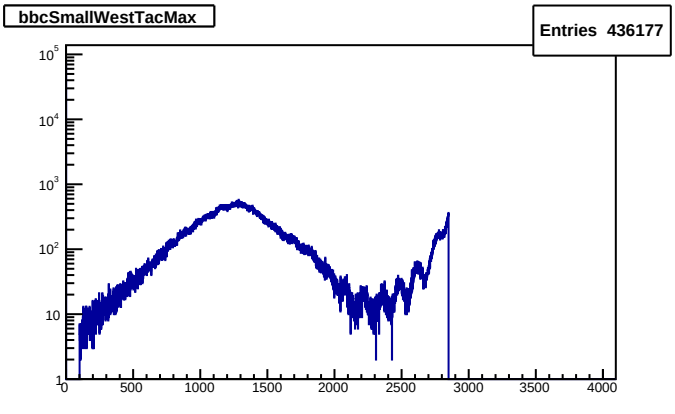

bbcSmallEastAdcSumVsSimu
Entries 308041
Data
Simu

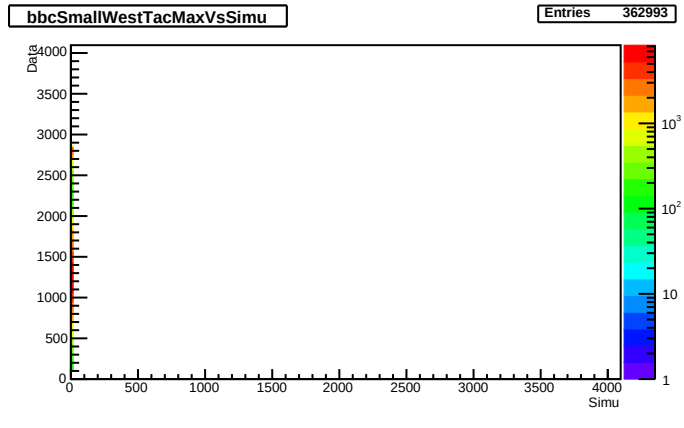

bbcSmallEastTacMax
Entries 436177

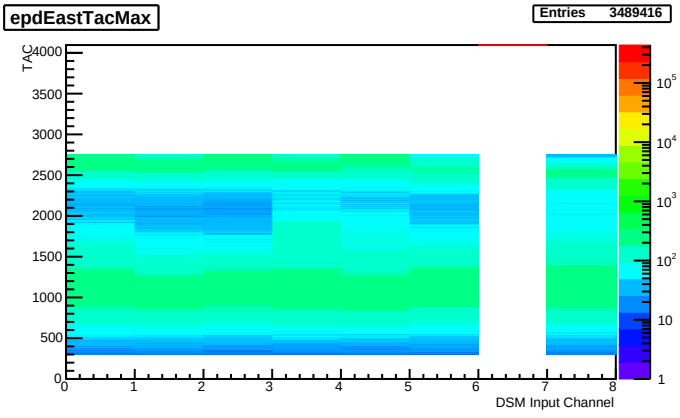

bbcSmallEastTacMaxVsSimu
Entries 308041
Data
Simu

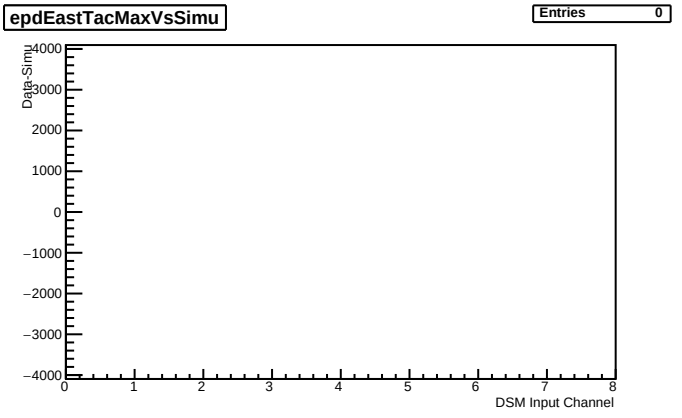

bbcSmallWestAdcSum
Entries 436177

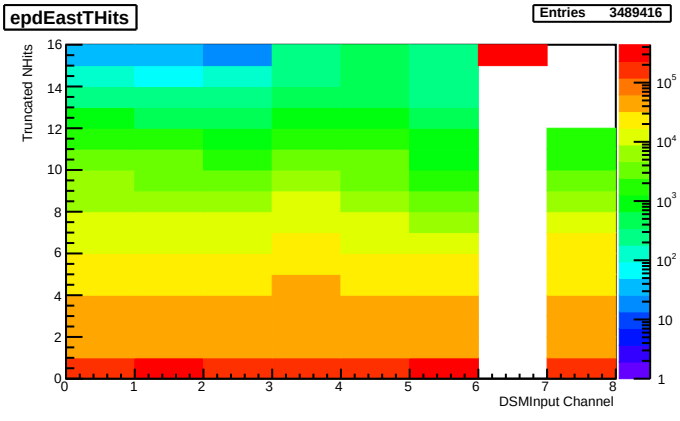

bbcSmallWestAdcSumVsSimu
Entries 362993
Data
Simu

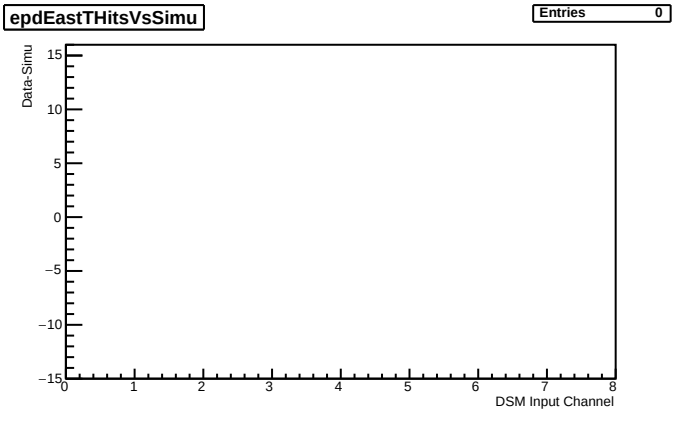

bbcSmallWestTacMax
Entries 436177

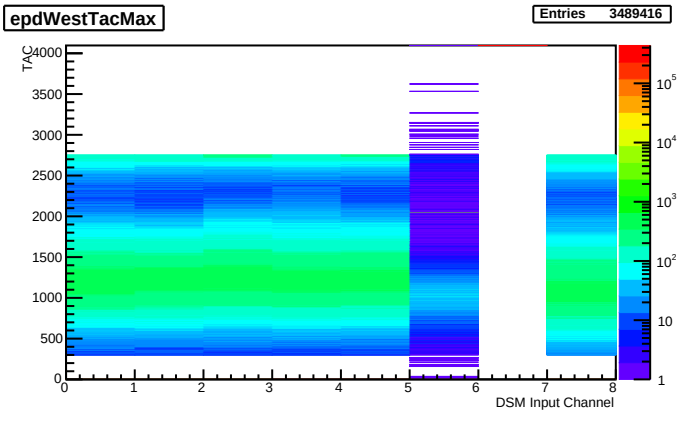

bbcSmallWestTacMaxVsSimu
Entries 362993
Data
Simu

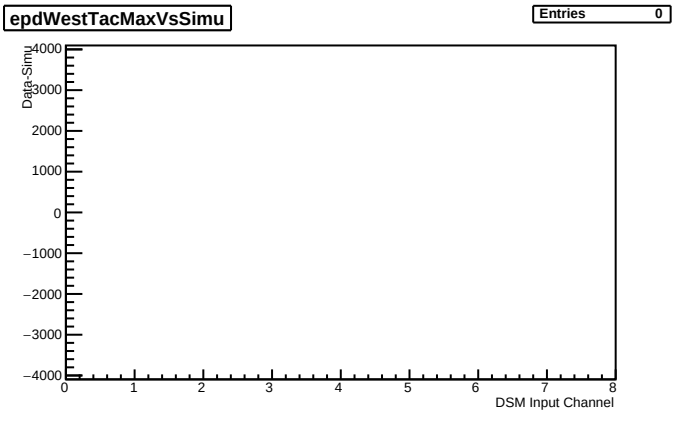

epdEastTacMax
Entries 3489416
TAC
DSM Input Channel

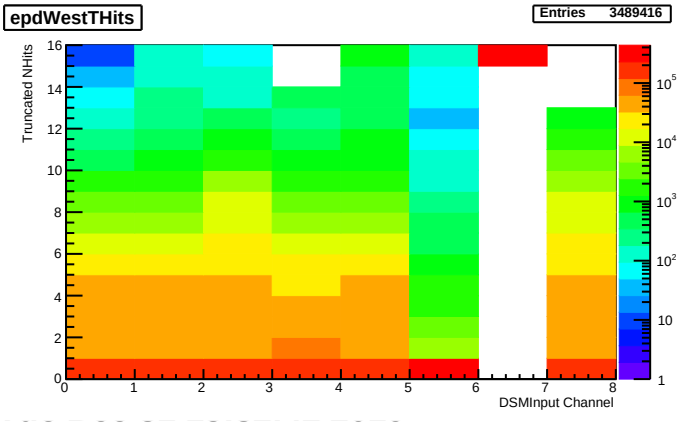

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

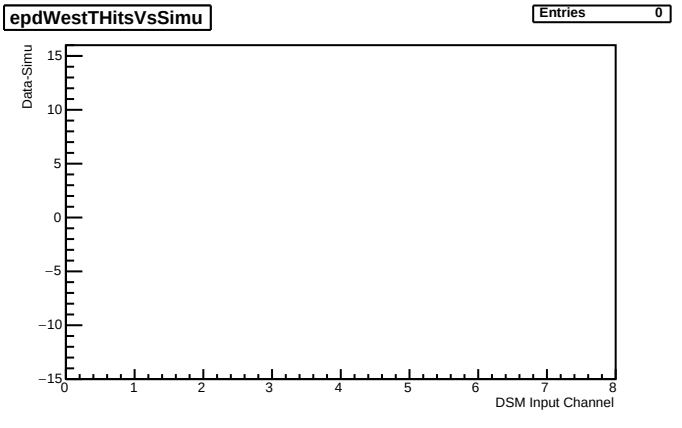

epdEastTHits
Entries 3489416
Truncated NHits
DSMInput Channel

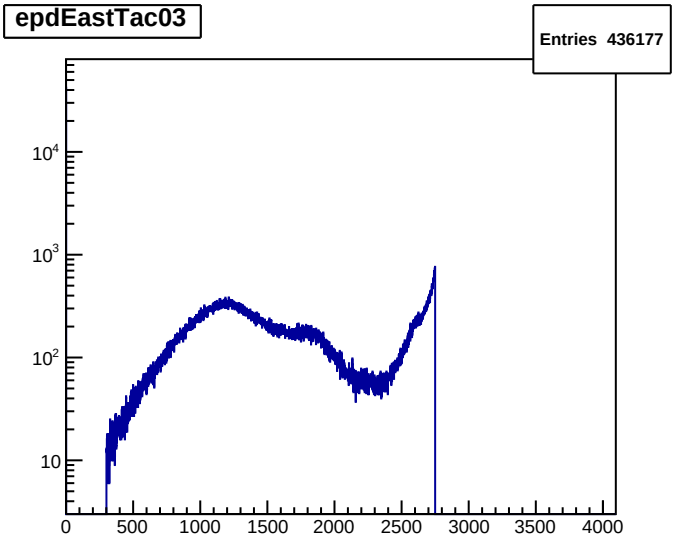

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

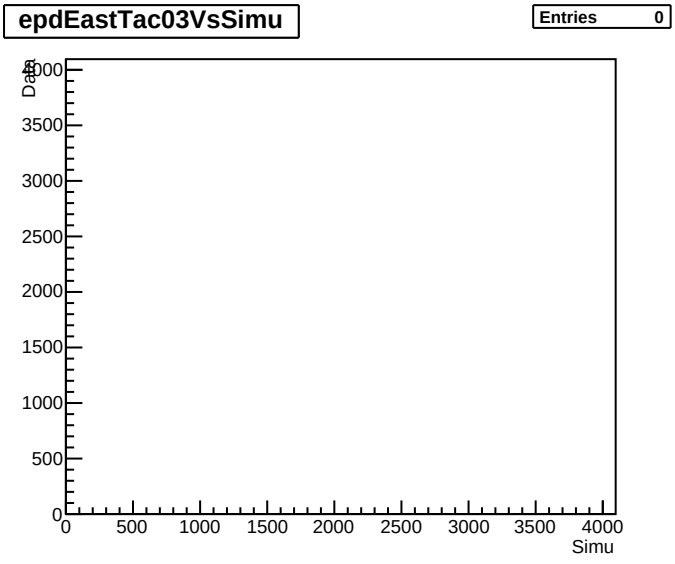

epdWestTacMax
Entries 3489416
TAC
DSM Input Channel

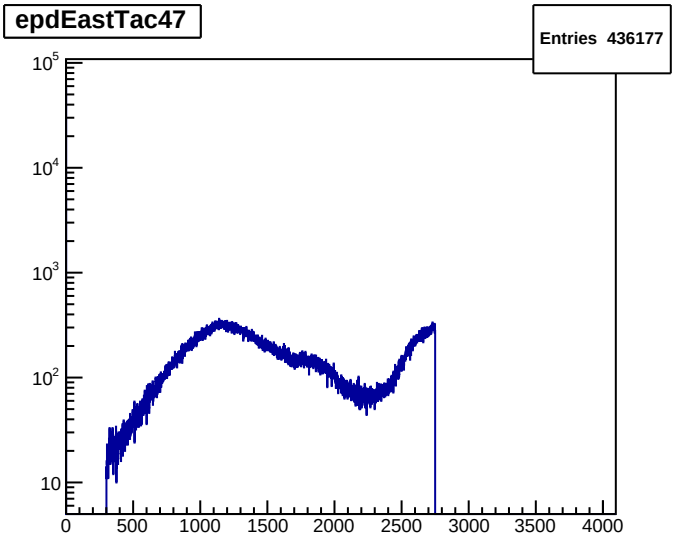

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

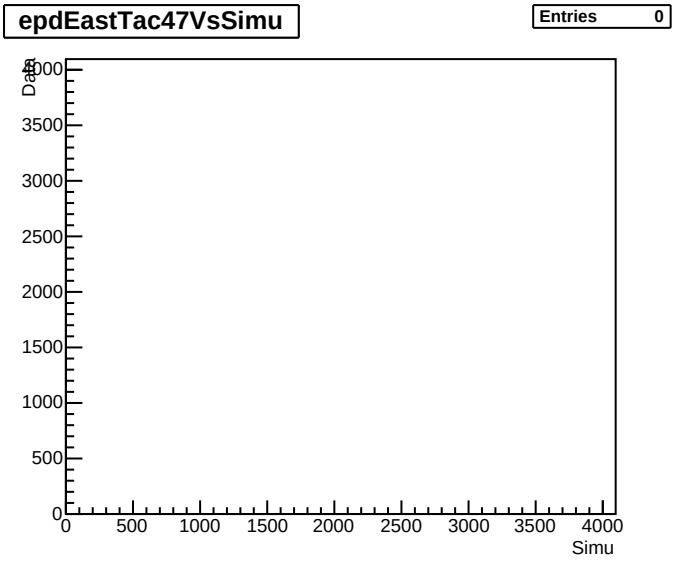

epdWestTHits
Entries 3489416
Truncated NHits
DSMInput Channel

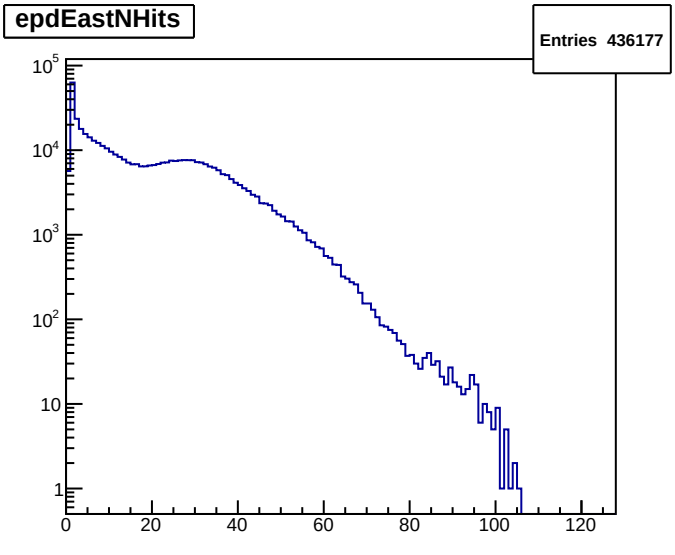

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

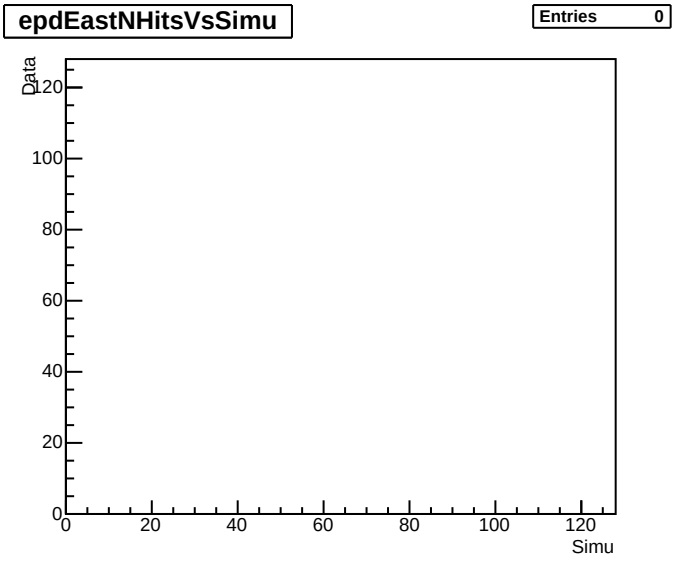

epdEastTac03
Entries 436177


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 436177


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 436177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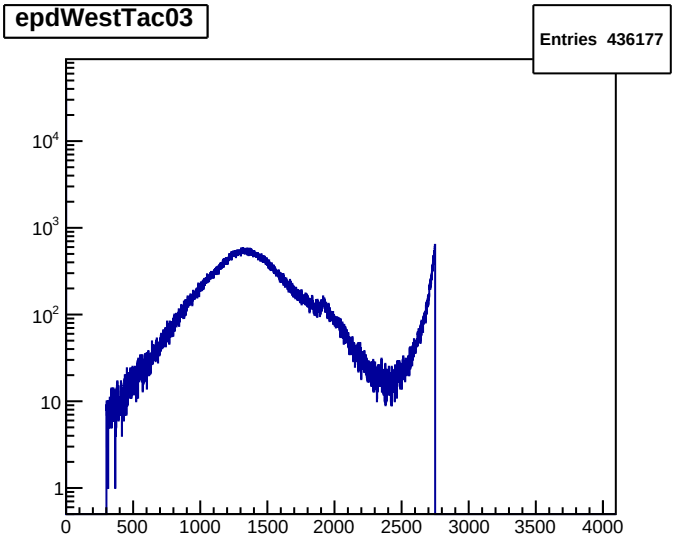
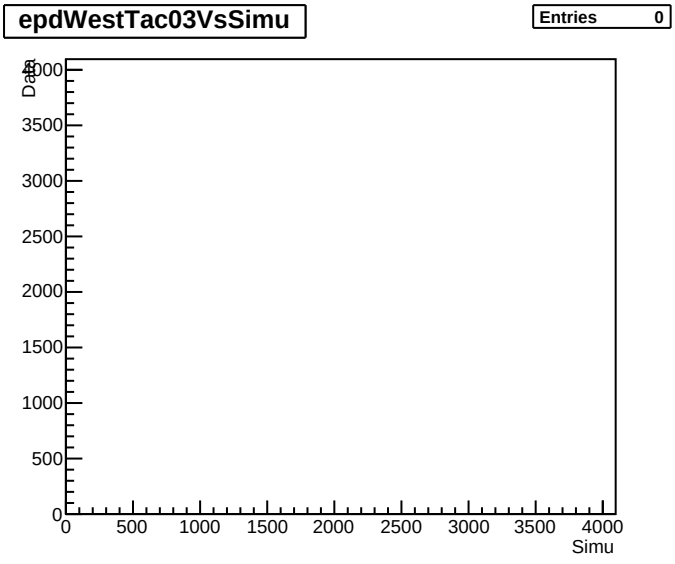
Entries 0
Data
Simu


epdWestTac03
Entries 436177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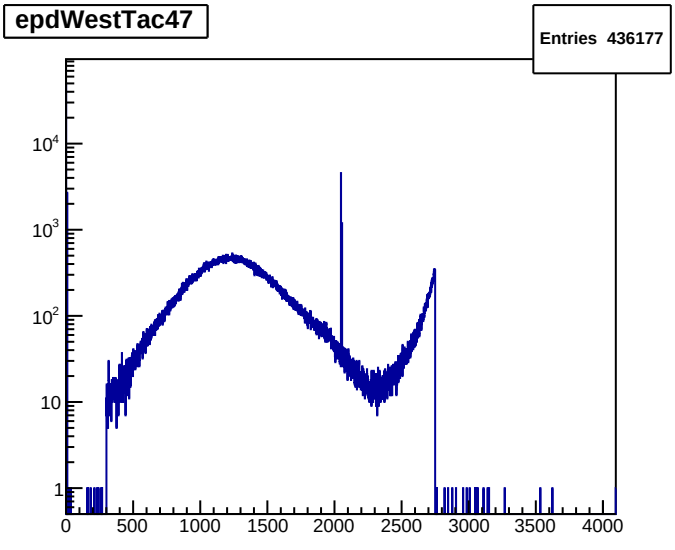
Entries 0
Data
Simu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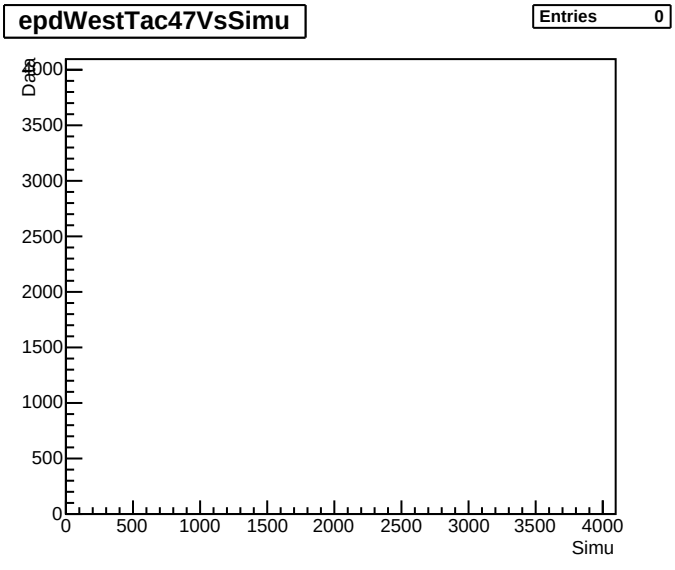
Entries 436177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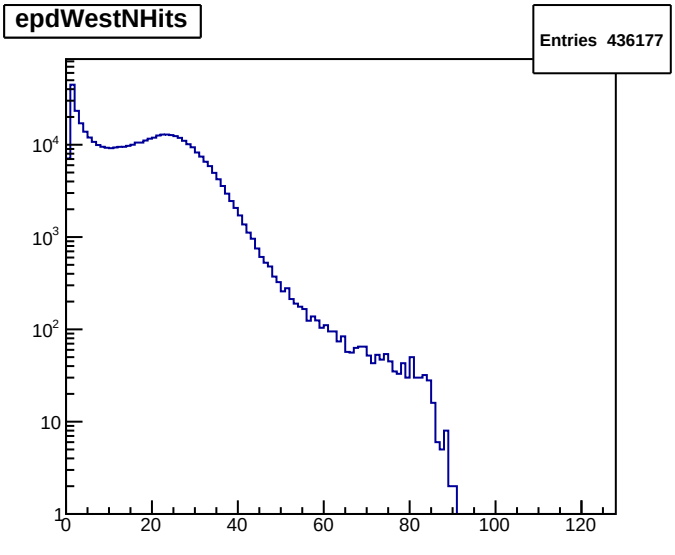
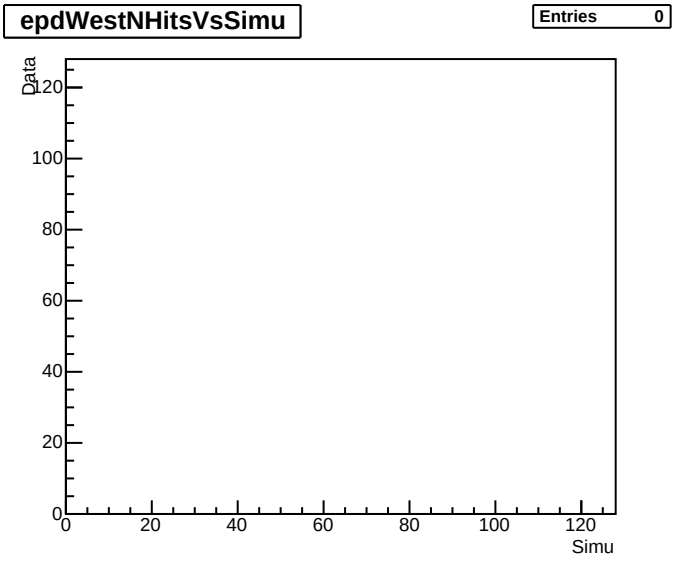
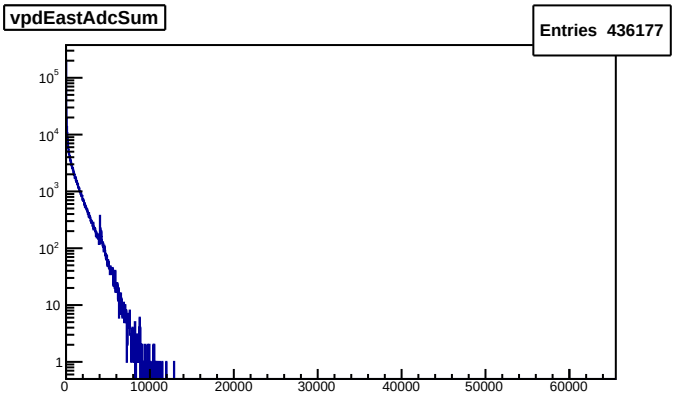
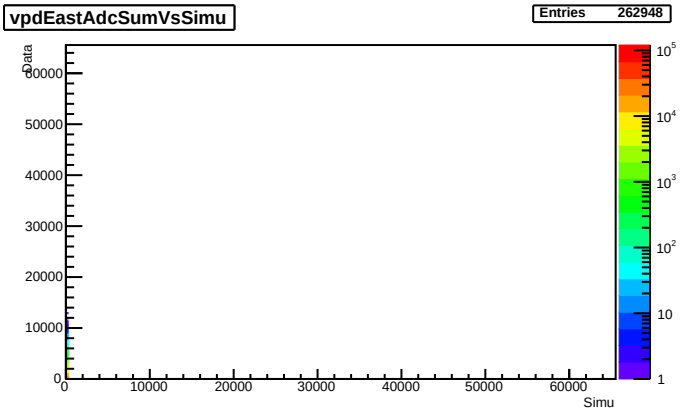
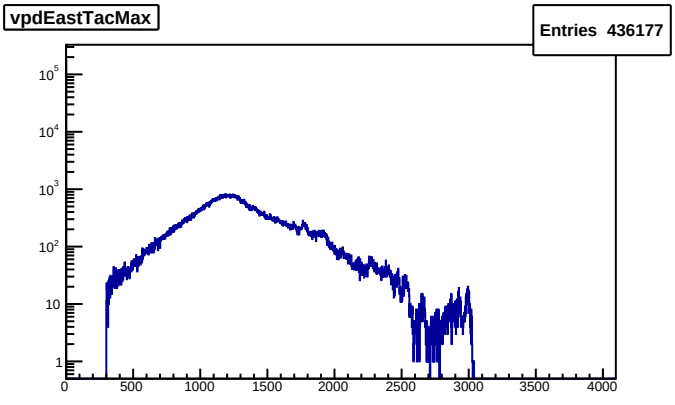
Entries 0
Data
Simu

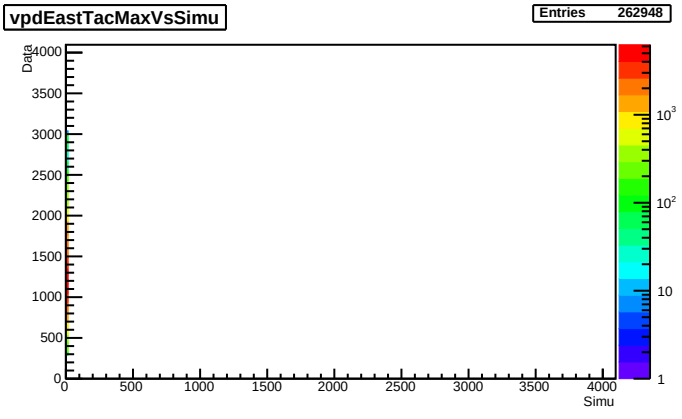

epdWestNHits
Entries 436177

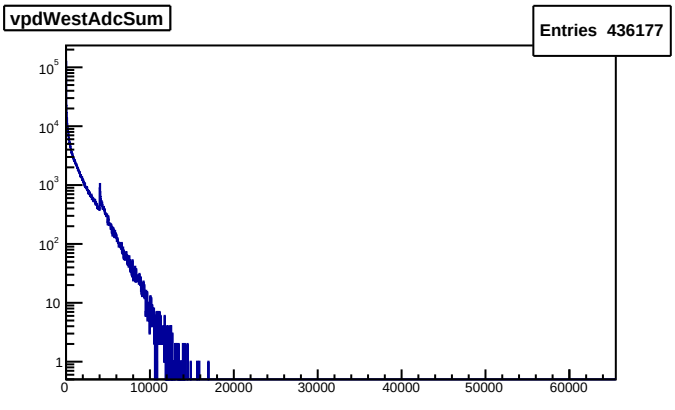

epdWestNHitsVsSimu
Entries 0
Data
Simu

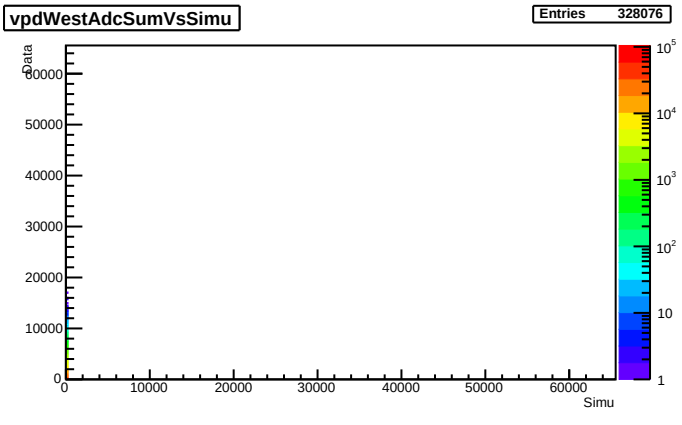

vpdEastAdcSum
Entries 436177

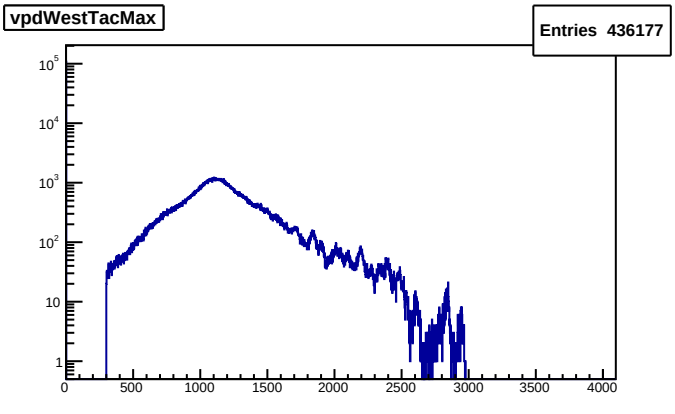

vpdEastAdcSumVsSimu
Entries 262948
Data
Simu

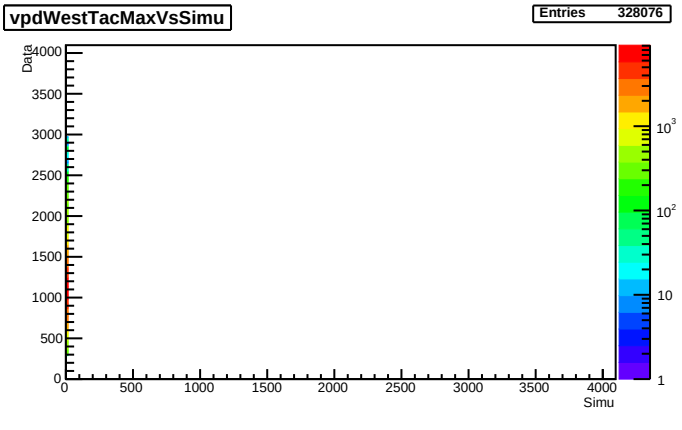

vpdEastTacMax
Entries 436177

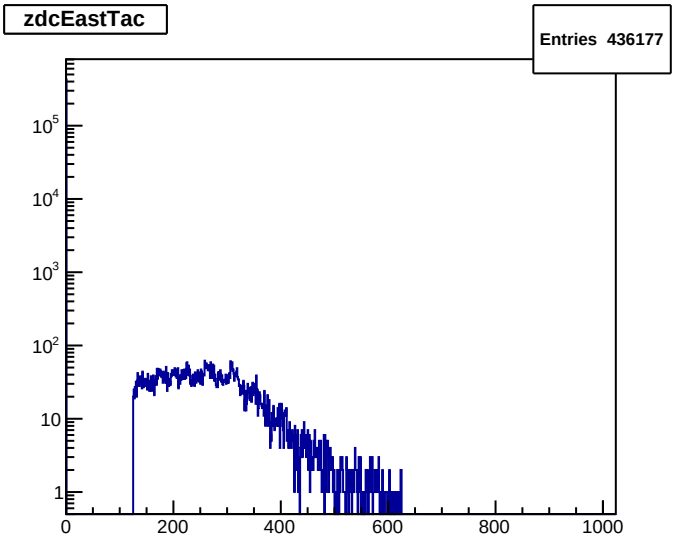

vpdEastTacMaxVsSimu
Entries 262948
Data
Simu

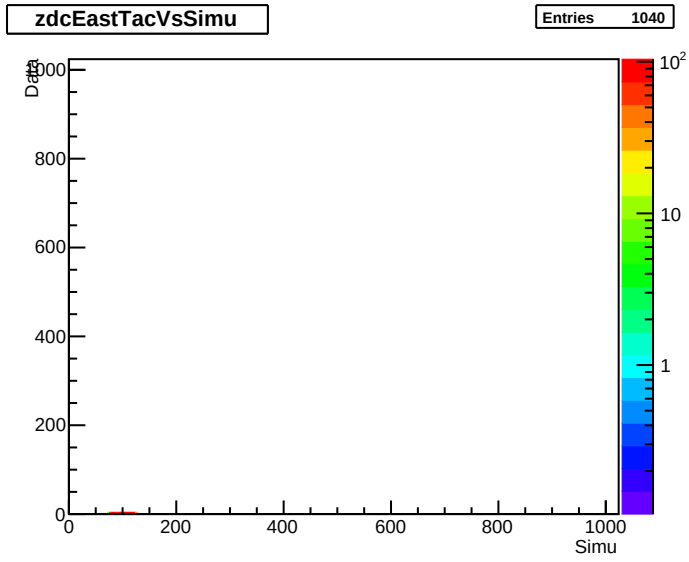

vpdWestAdcSum
Entries 436177

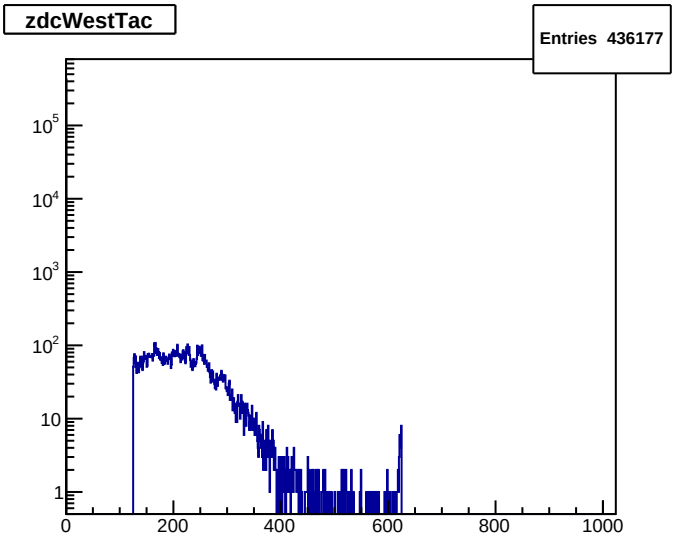

vpdWestAdcSumVsSimu
Entries 328076
Data
Simu

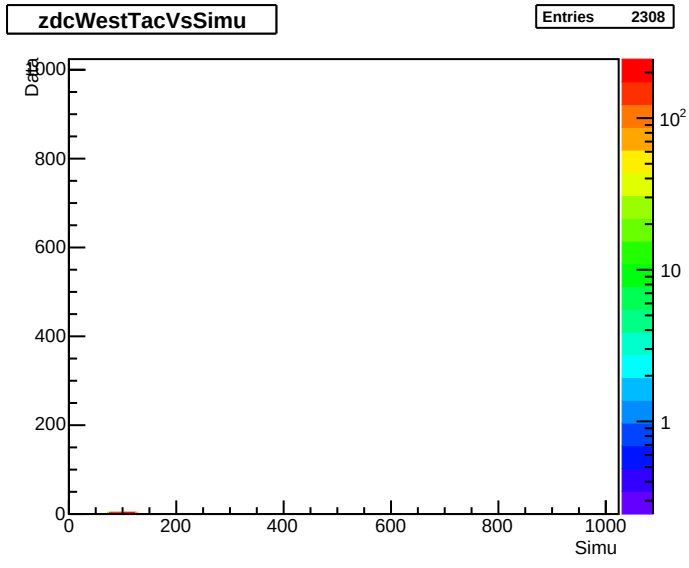

vpdWestTacMax
Entries 436177

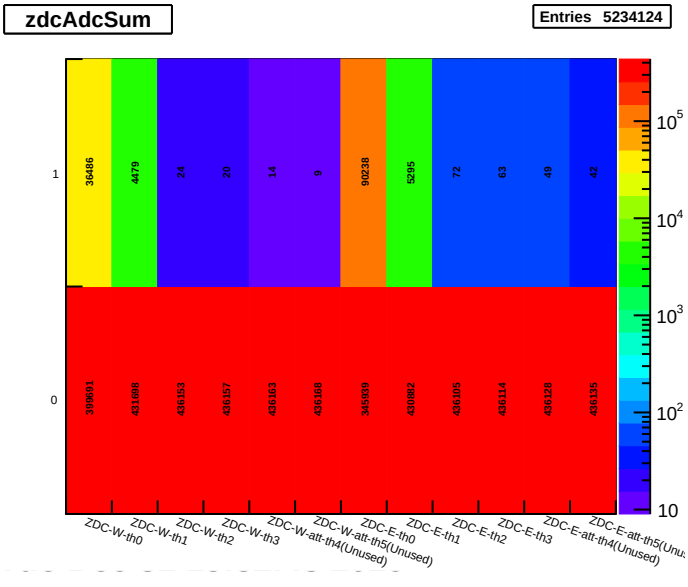

vpdWestTacMaxVsSimu
Entries 328076
Data
Simu

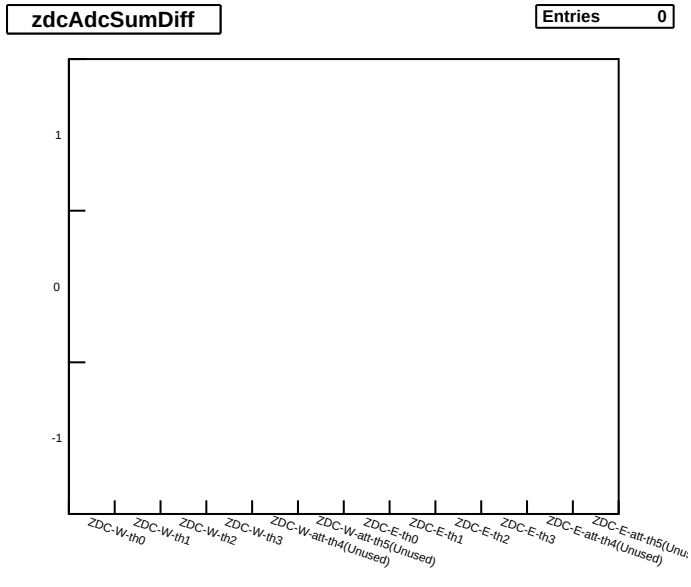

zdcEastTac
Entries 436177

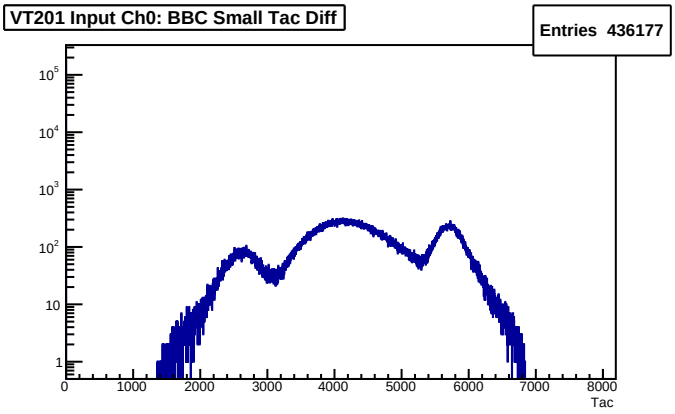

zdcEastTacVsSimu
Entries 1040
Data
Simu

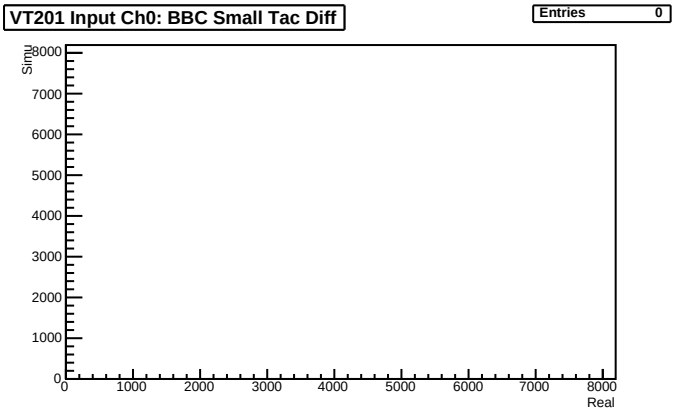

zdcWestTac
Entries 436177

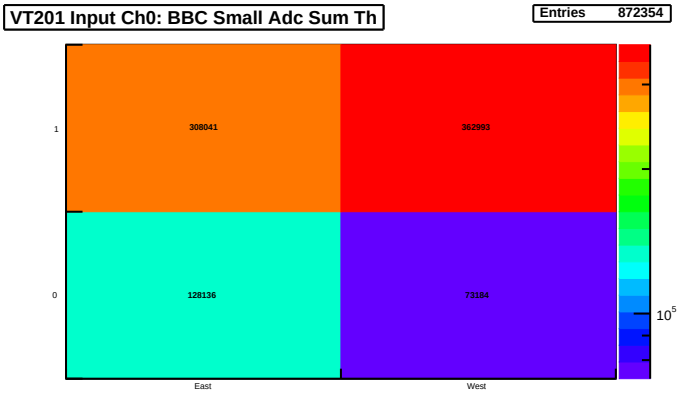

zdcWestTacVsSimu
Entries 2308
Data
Simu

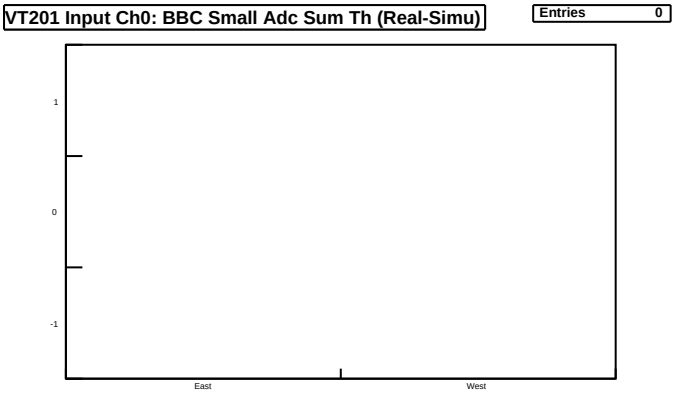

zdcAdcSum
Entries 5234124
36486
4479
24
20
14
9
90238
5295
72
63
49
42
399691
431698
436153
436157
436163
436168
345939
430882
436105
436114
436128
436135
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

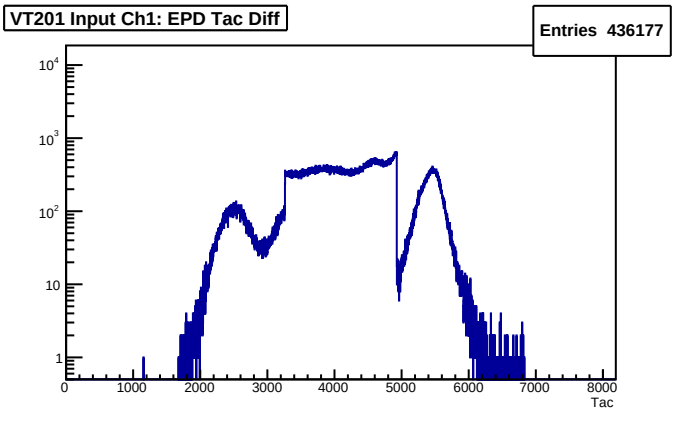

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

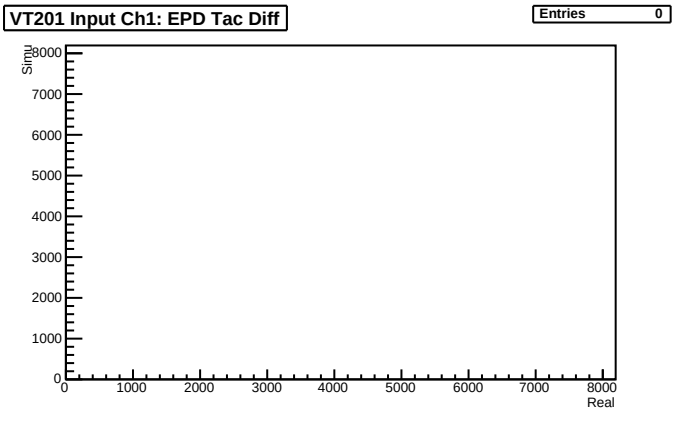

VT201 Input Ch0: BBC Small Tac Diff
Entries 436177
Tac

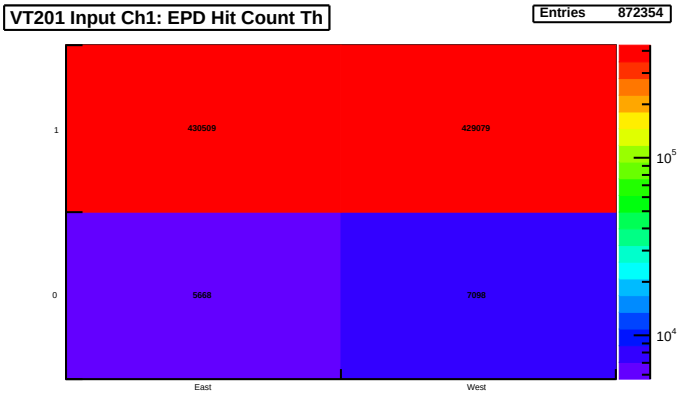

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

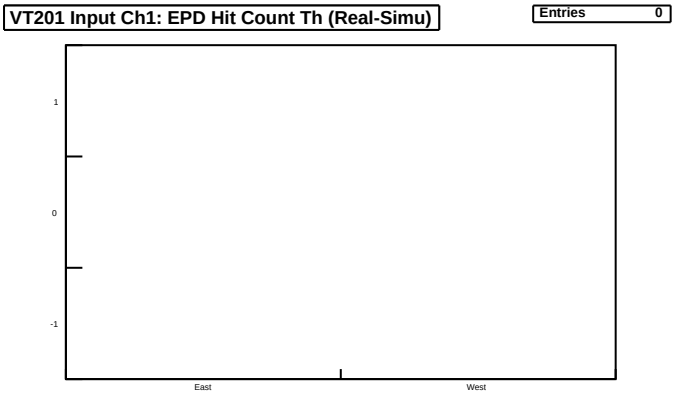

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 872354
308041
362993
128136
73184
East
West

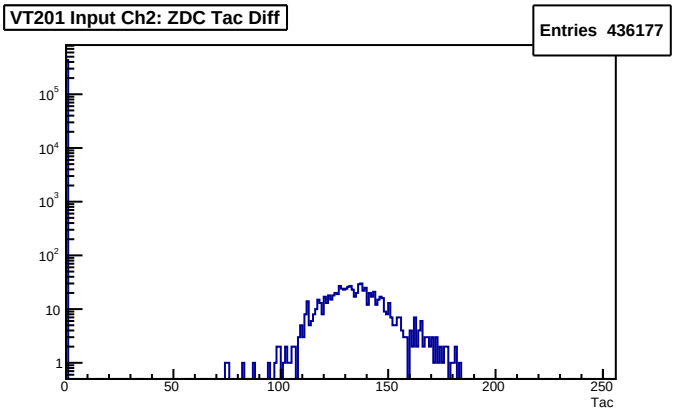

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

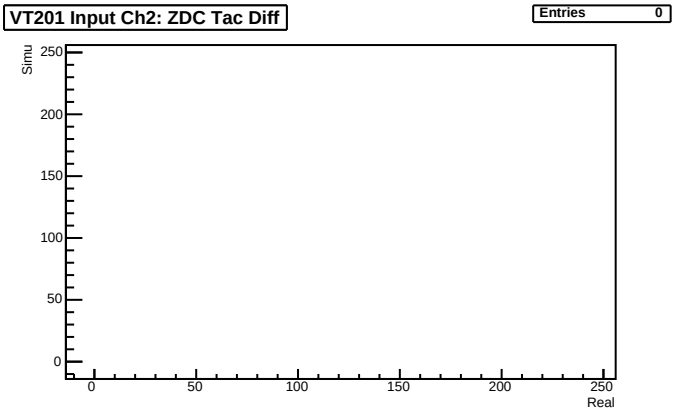

VT201 Input Ch1: EPD Tac Diff
Entries 436177
Tac

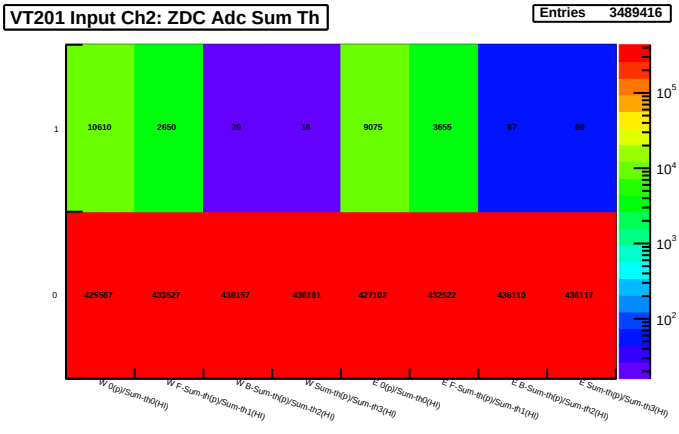

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

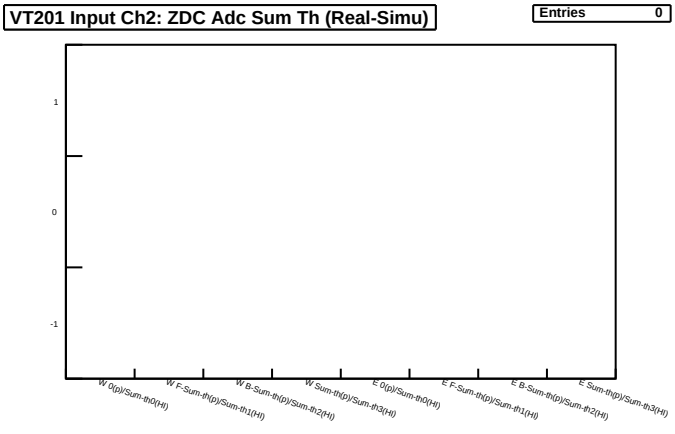

VT201 Input Ch1: EPD Hit Count Th
Entries 872354
430509
429079
5668
7098
East
West

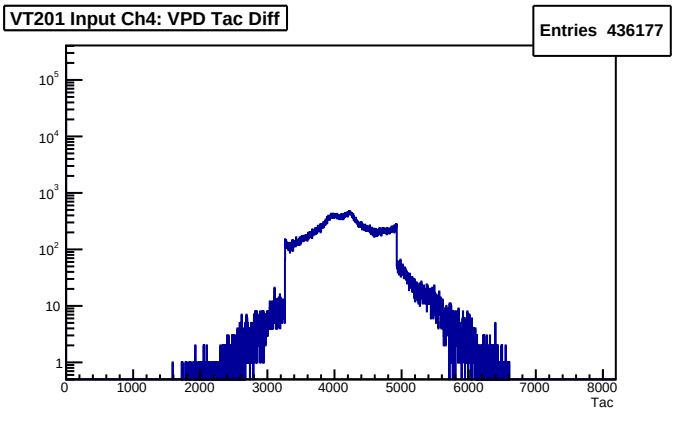

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

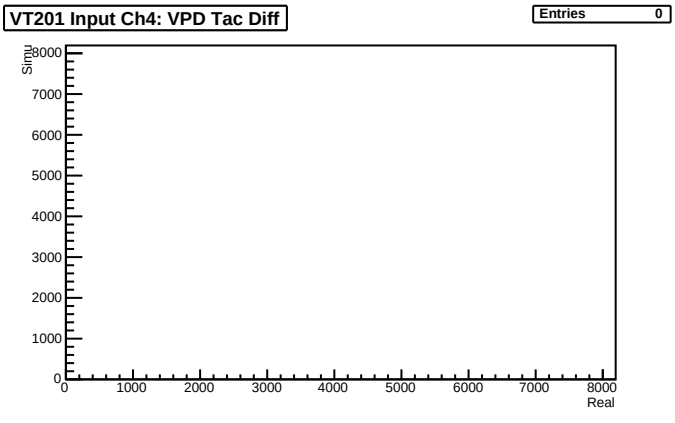

VT201 Input Ch2: ZDC Tac Diff
Entries 436177
Tac

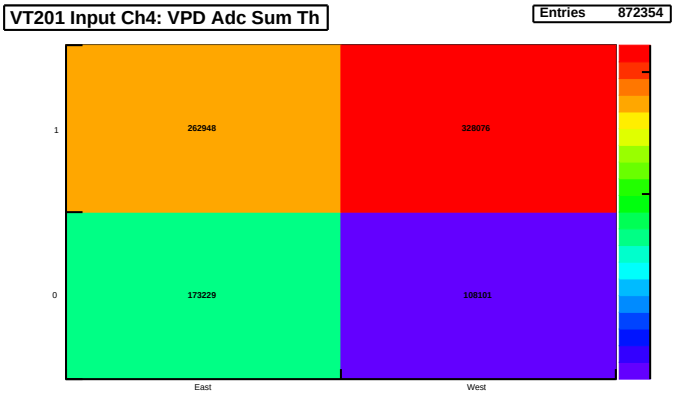

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

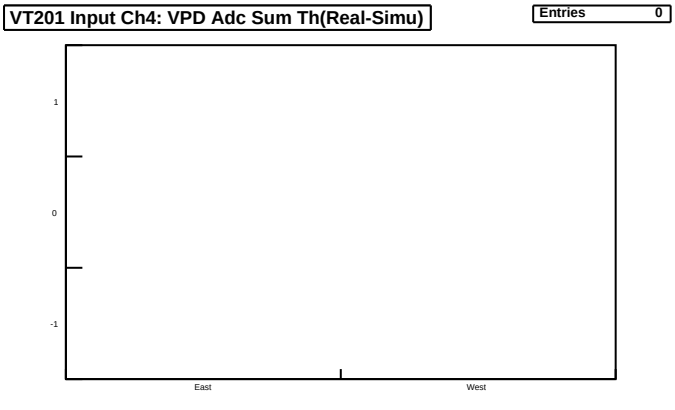

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3489416
10610
2650
20
16
9075
3655
67
60
425567
433527
436157
436161
427102
432522
436110
436117
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

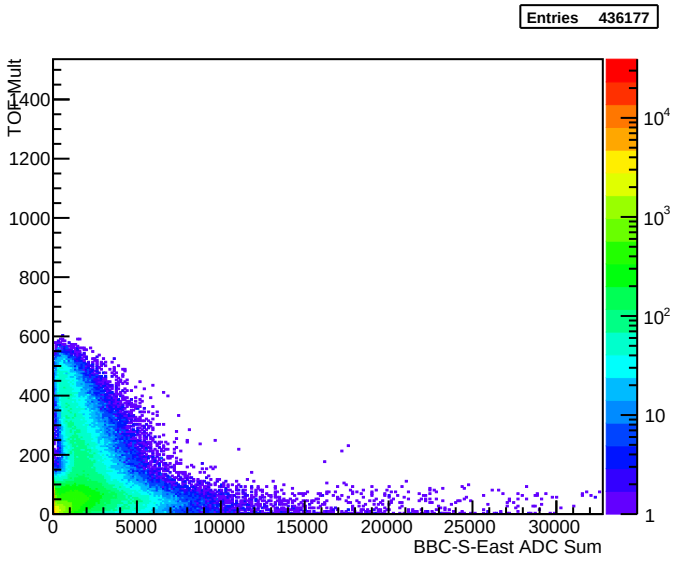

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

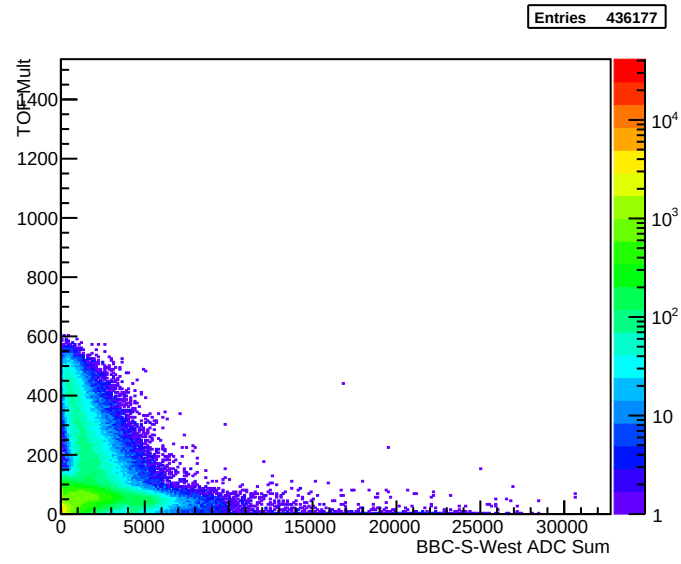

VT201 Input Ch4: VPD Tac Diff
Entries 436177
Tac

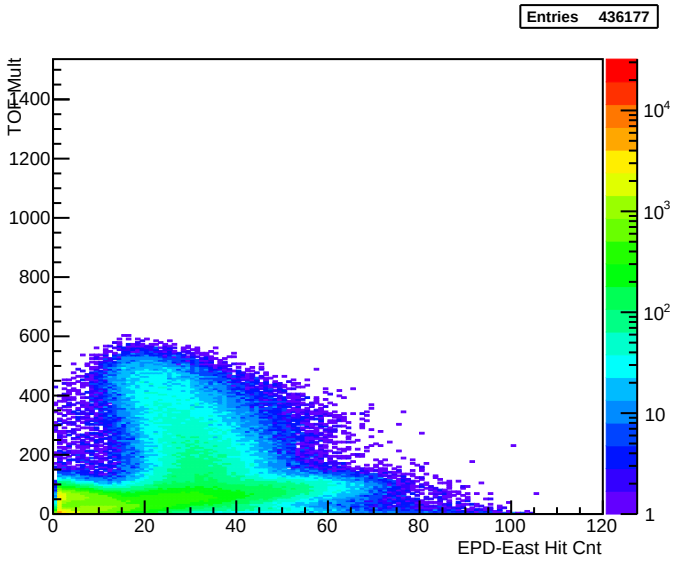

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

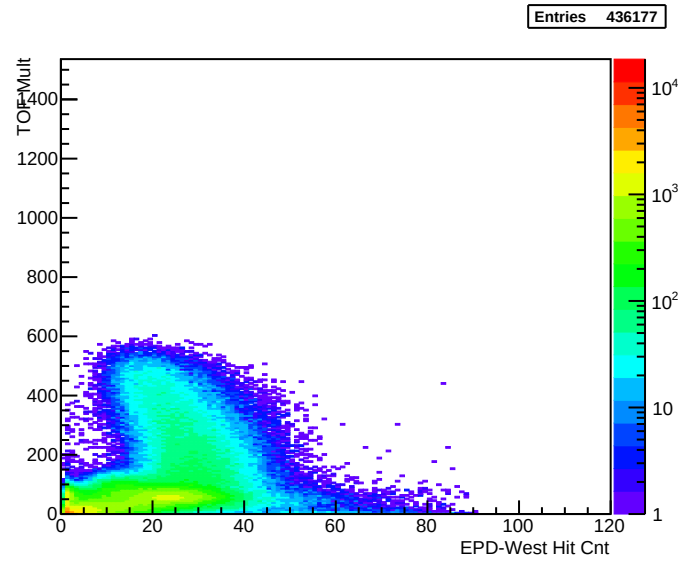

VT201 Input Ch4: VPD Adc Sum Th
Entries 872354
262948
328076
173229
108101
East
West

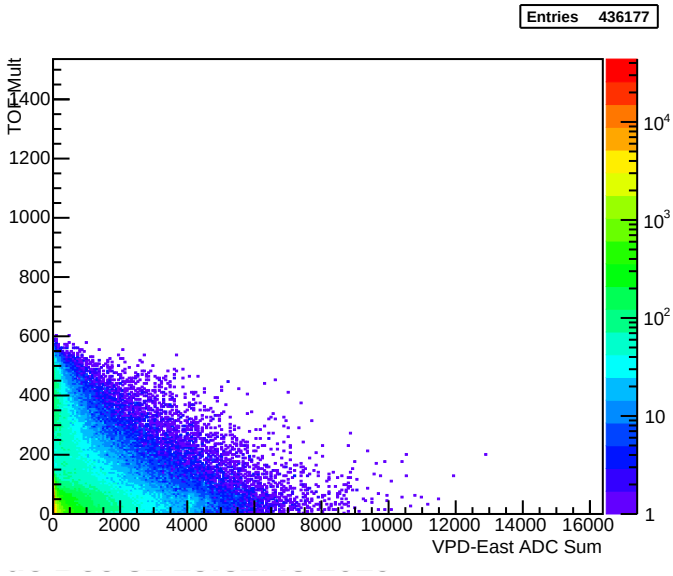

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

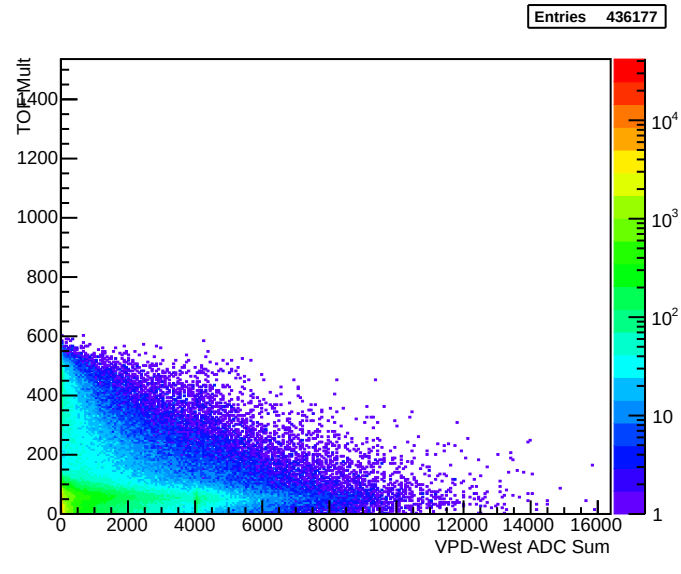

Entries 436177
TOF-Mult
BBC-S-East ADC Sum

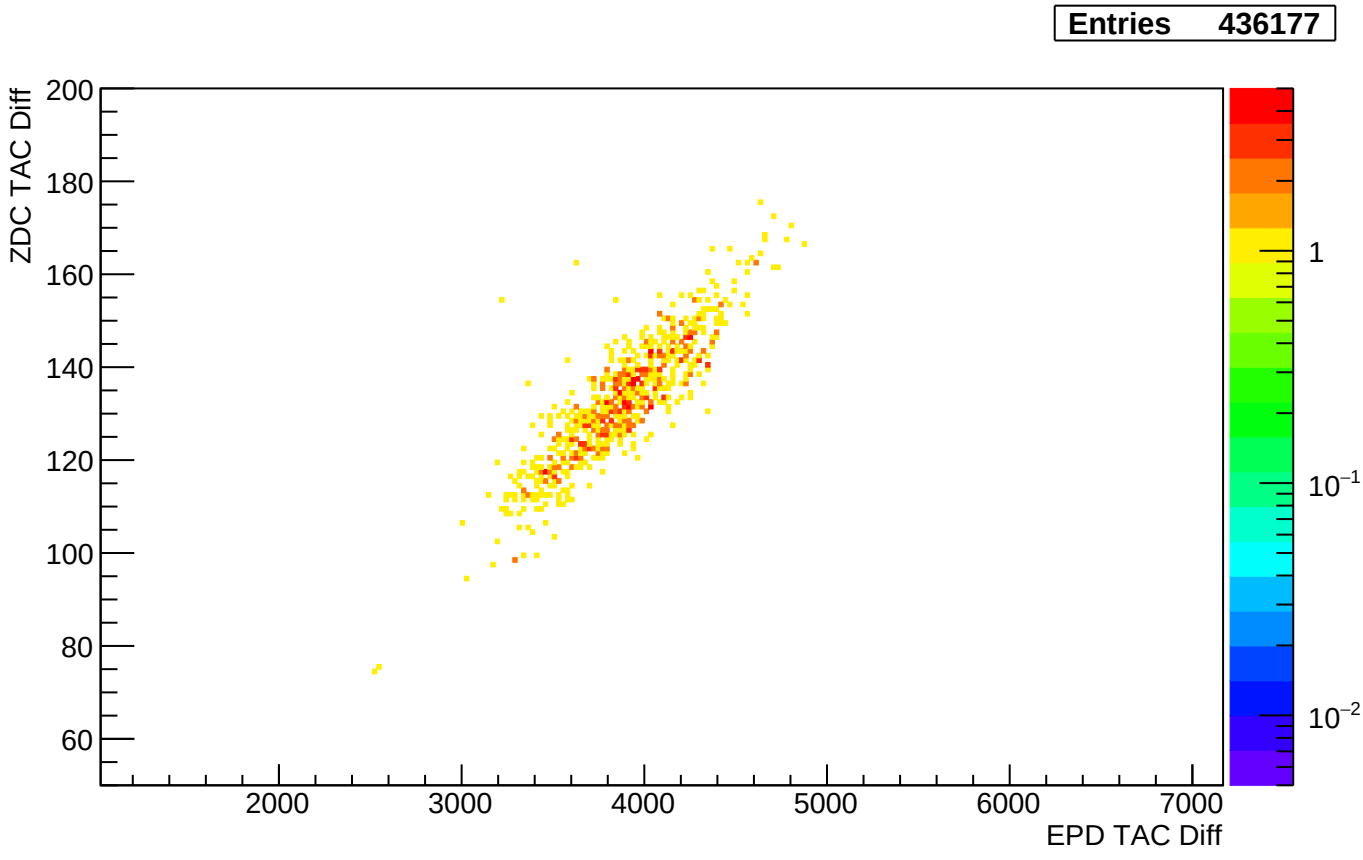

Entries 436177
TOF-Mult
BBC-S-West ADC Sum

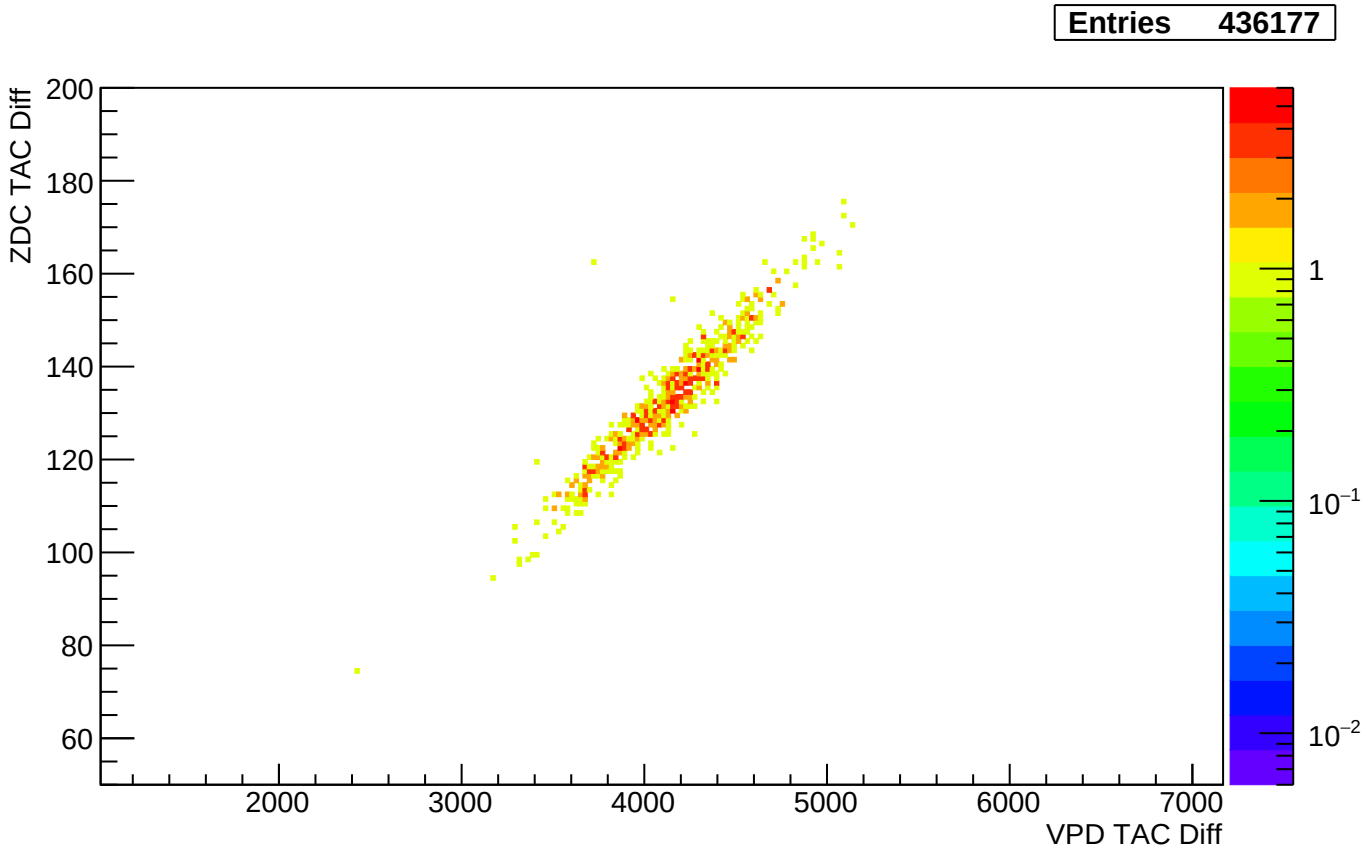

Entries 436177
TOF-Mult
EPD-East Hit Cnt

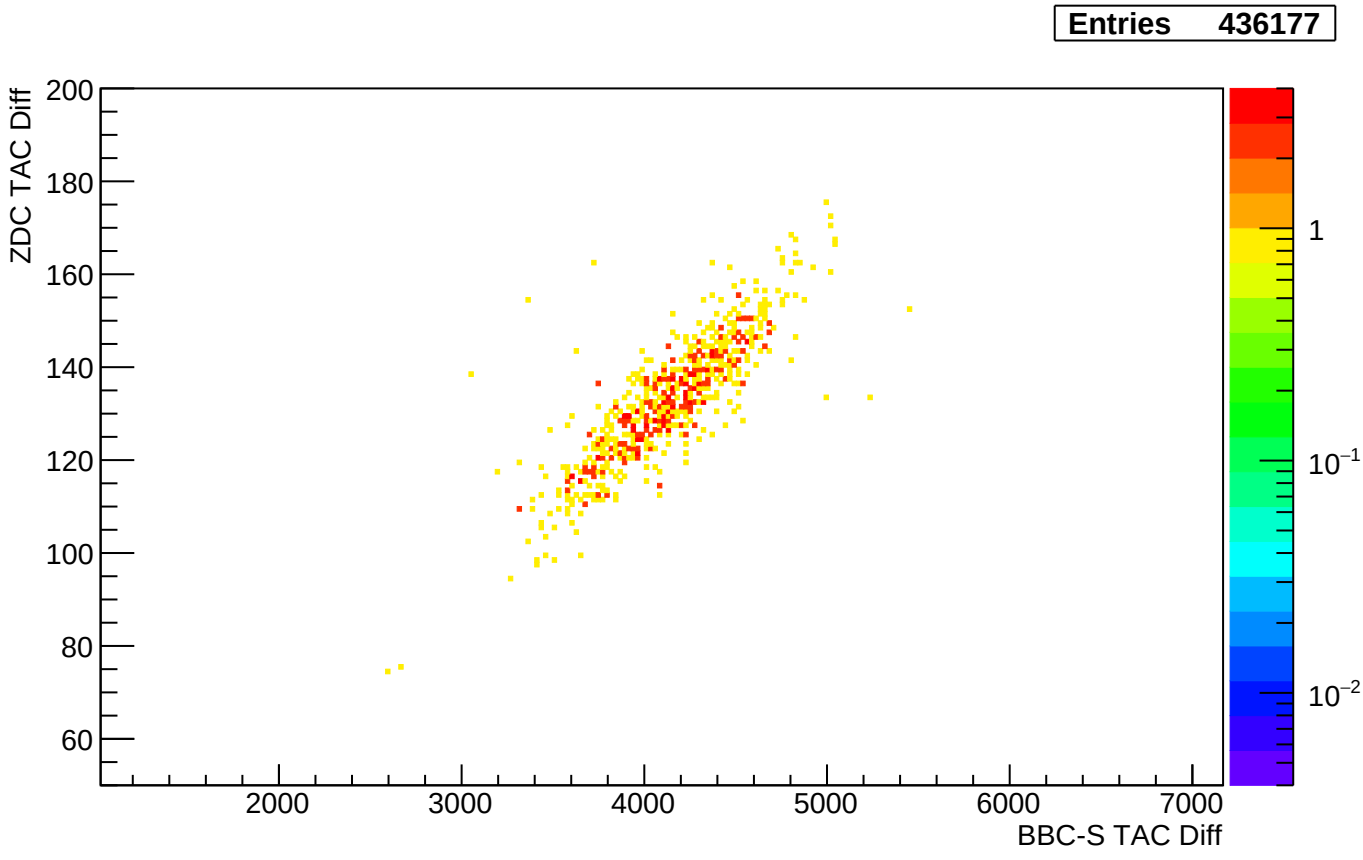

Entries 436177
TOF-Mult
EPD-West Hit Cnt

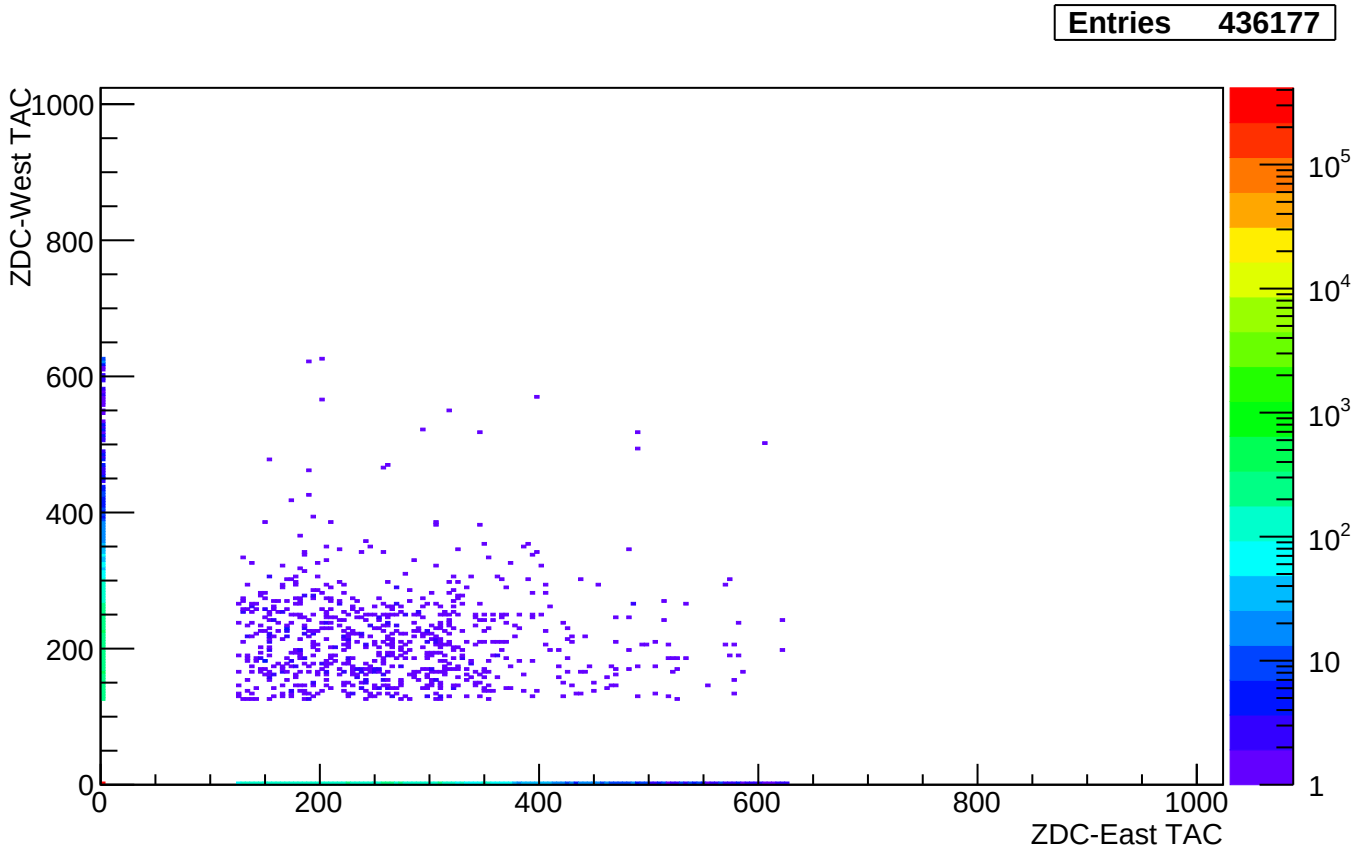

Entries 436177
TOF-Mult
VPD-East ADC Sum

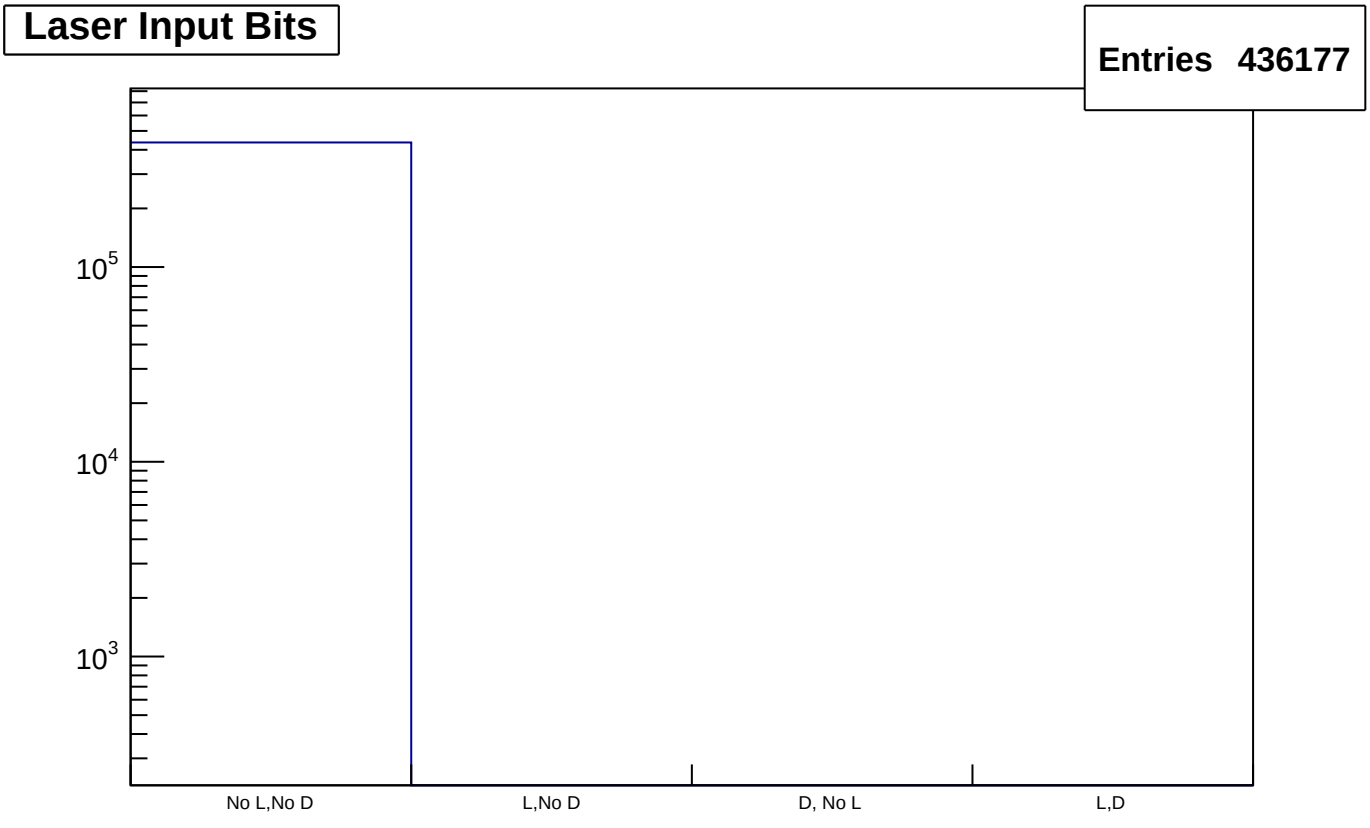

Entries 436177
TOF-Mult
VPD-West ADC Sum

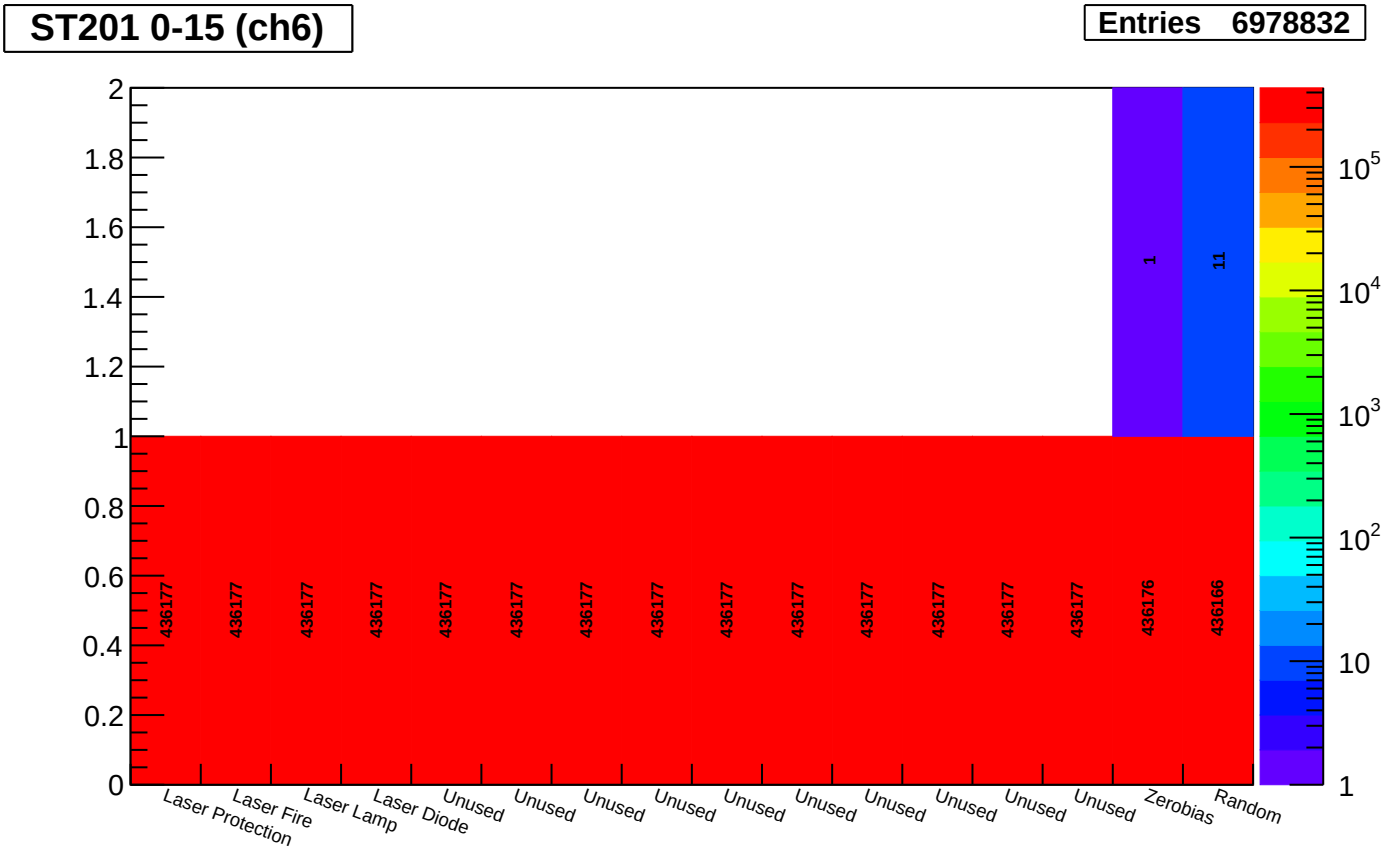

Entries 436177
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

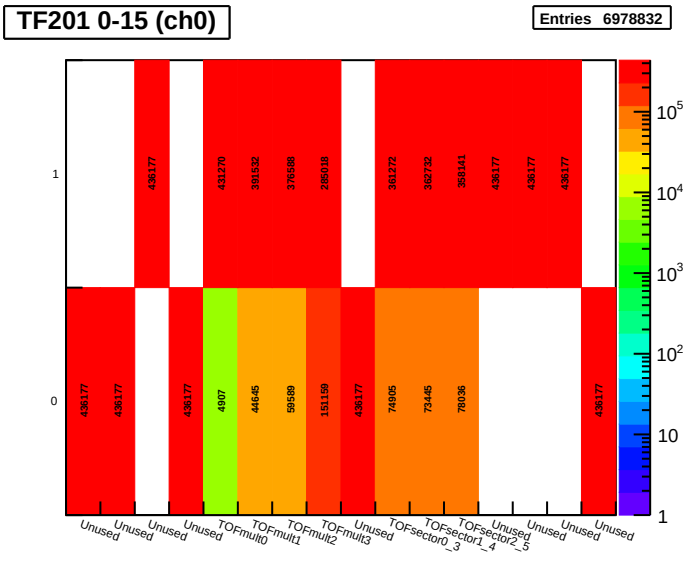

Entries 436177
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

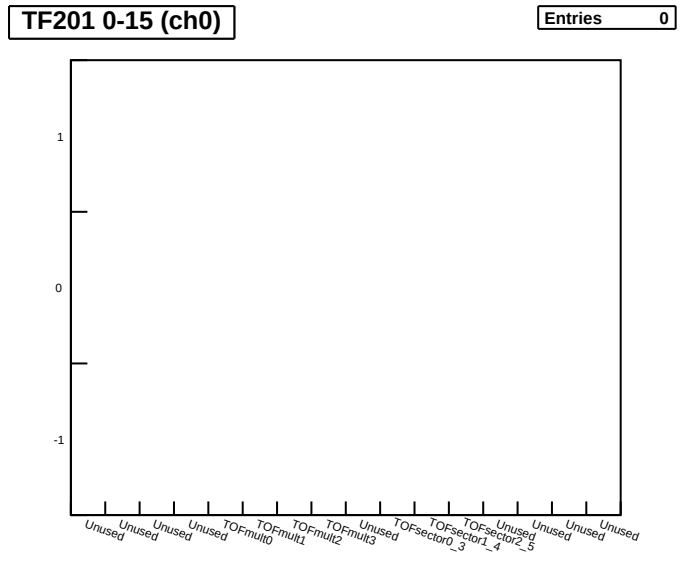

Entries 436177
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

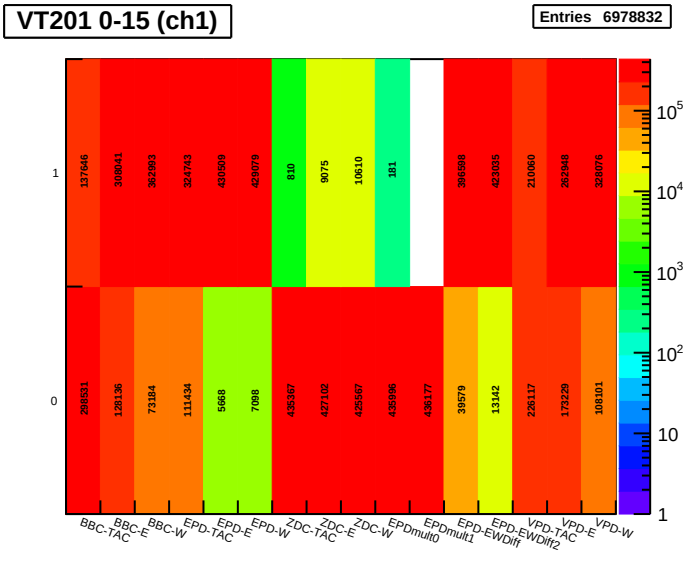

Entries 436177
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

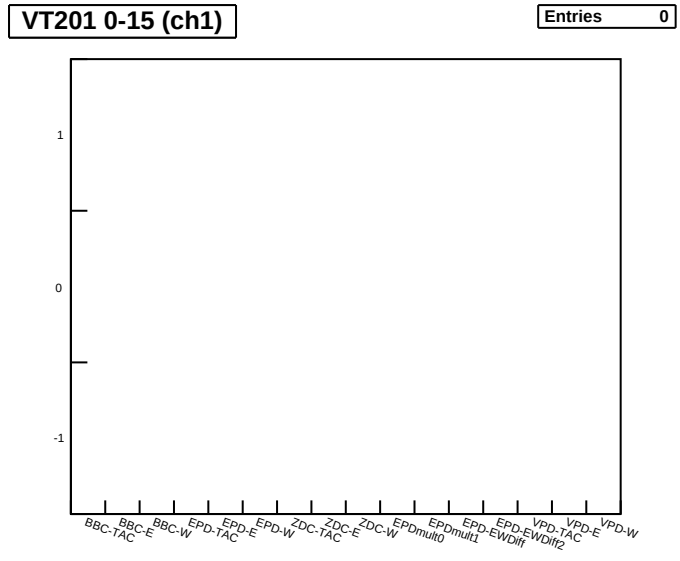

Laser Input Bits
Entries 436177
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

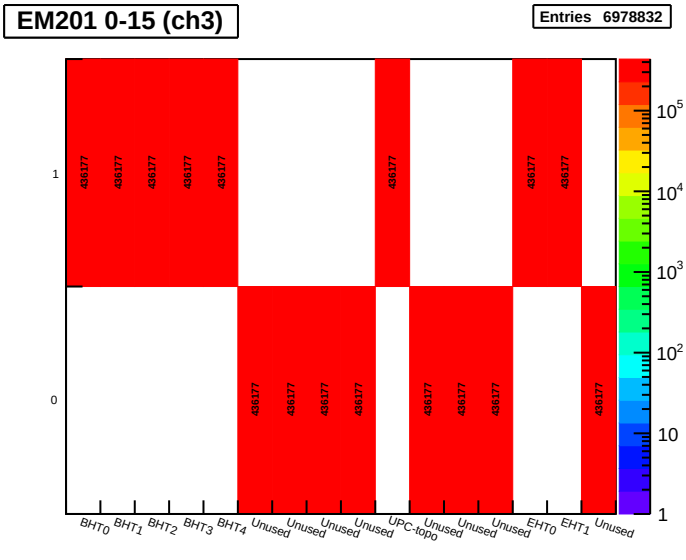

ST201 0-15 (ch6)
Entries 6978832
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
436177
436177
436177
436177
436177
436177
436177
436177
436177
436177
436177
436177
436177
436177
436176
436166
1
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

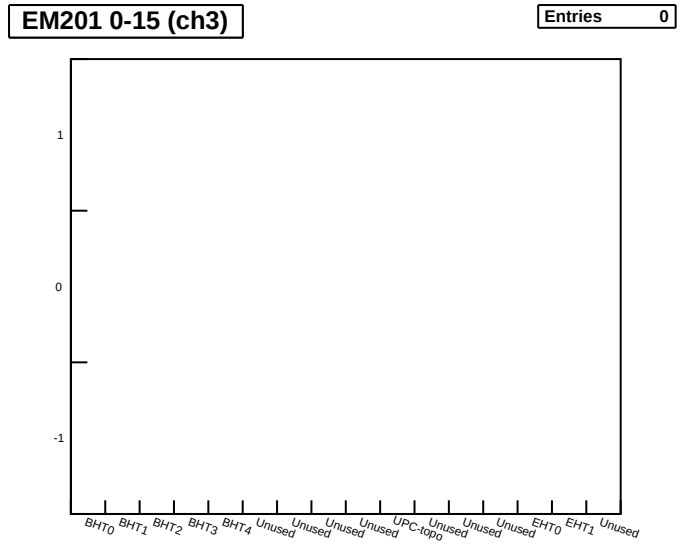

TF201 0-15 (ch0)
Entries 6978832
436177
431270
391532
376588
295018
361272
362732
358141
436177
436177
436177
436177
436177
436177
436177
4907
44645
59589
151159
436177
74905
73445
78036
436177
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


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


VT201 0-15 (ch1)
Entries 6978832
137646
308841
362993
324743
430509
429079
810
9075
10610
181
396598
423035
210060
262948
328076
298531
128136
73184
111434
5668
7098
438367
427102
425567
435996
436177
39579
13142
226117
173229
108101
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


VT201 0-15 (ch1)
Entries 0
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 6978832
436177
436177
436177
436177
436177
436177
436177
436177
436177
436177
436177
436177
436177
436177
436177
436177
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


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