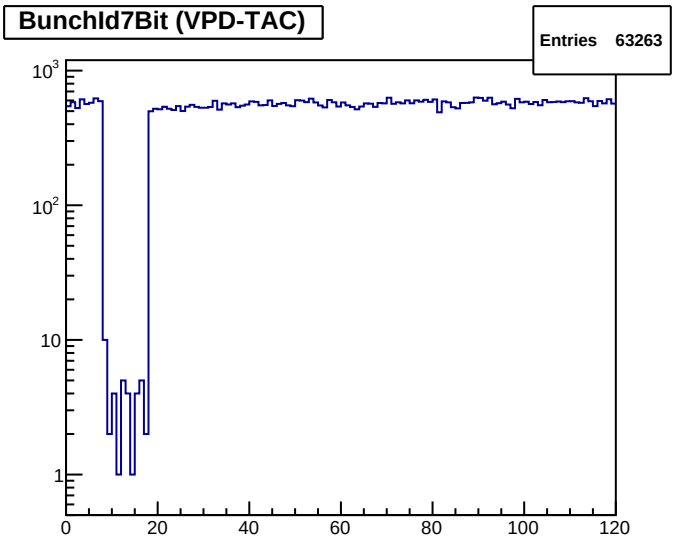
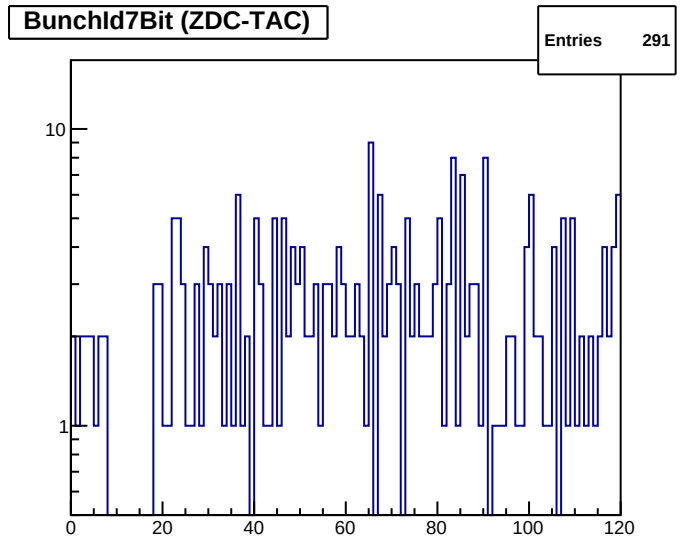
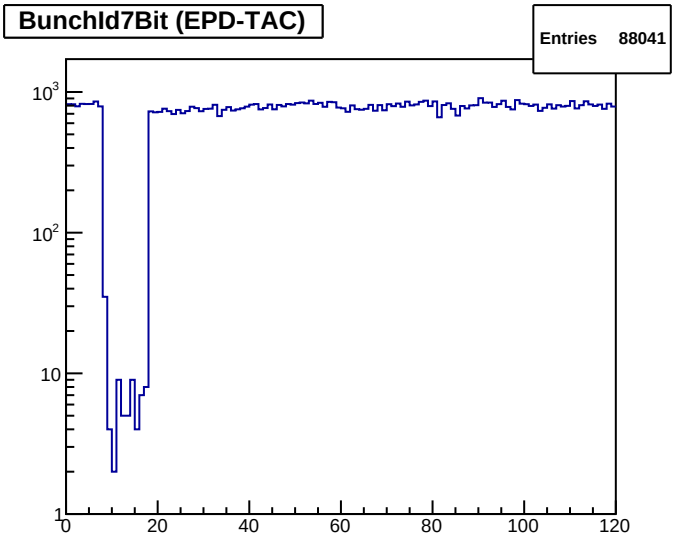
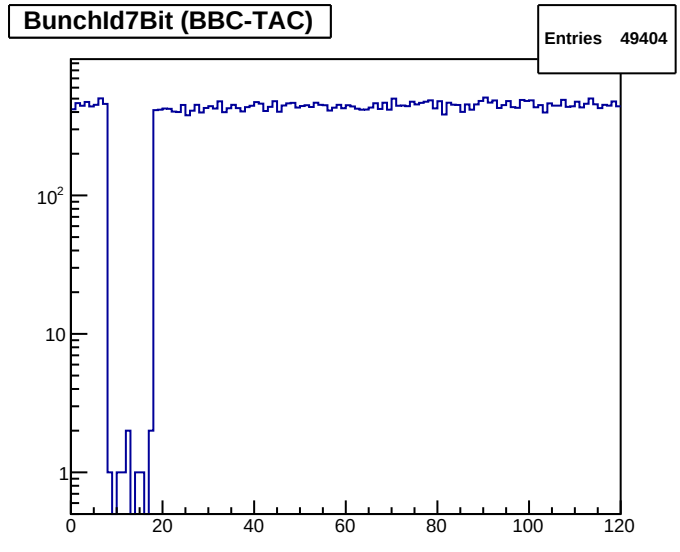
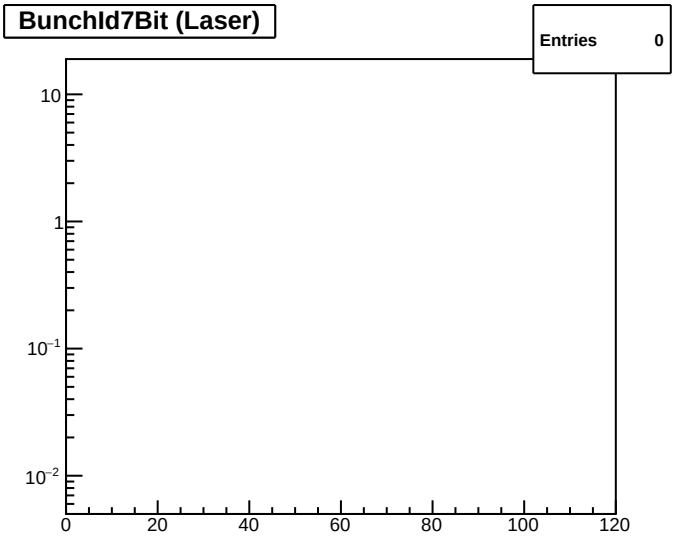
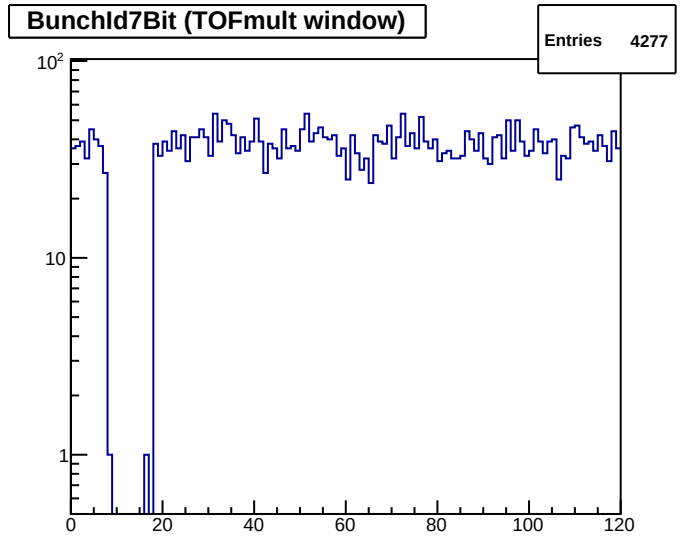

BunchId7Bit (VPD-TAC)
Entries 63263

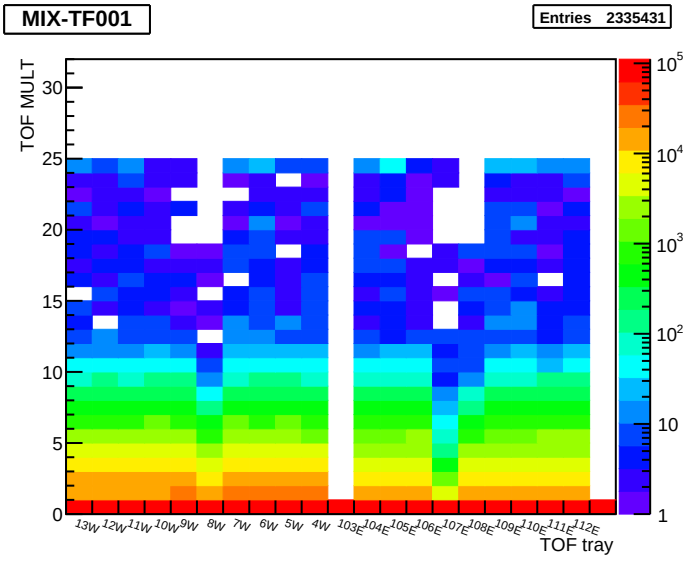

BunchId7Bit (ZDC-TAC)
Entries 291

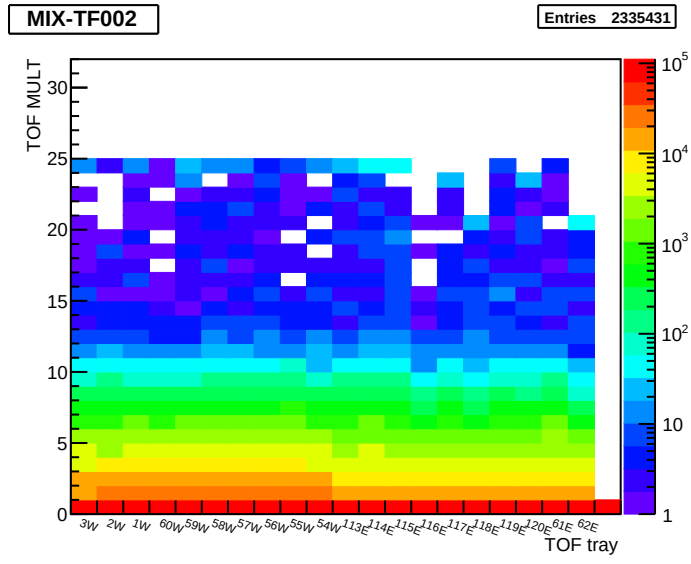

BunchId7Bit (EPD-TAC)
Entries 88041

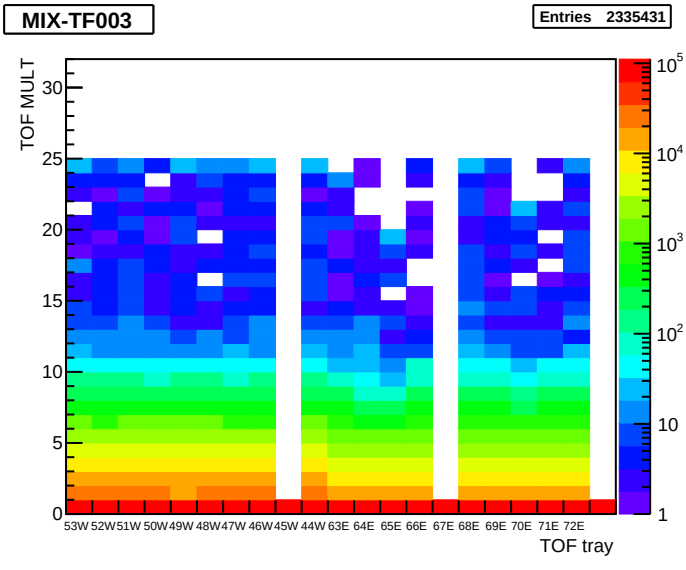

BunchId7Bit (BBC-TAC)
Entries 49404

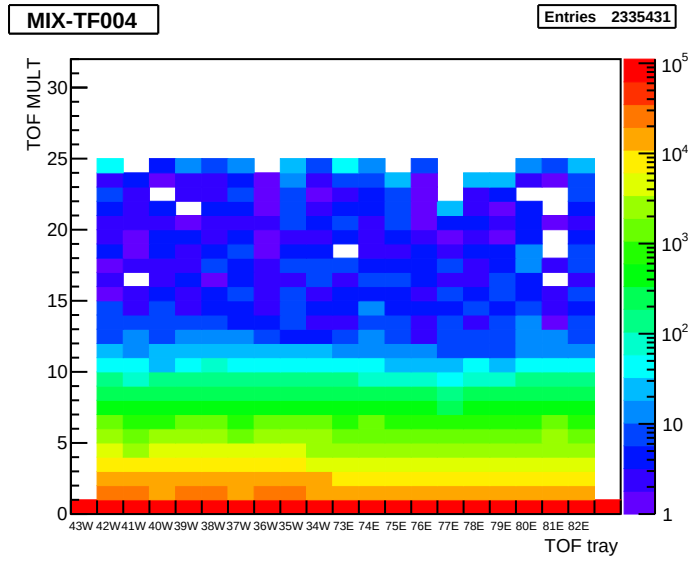

BunchId7Bit (Laser)
Entries 0

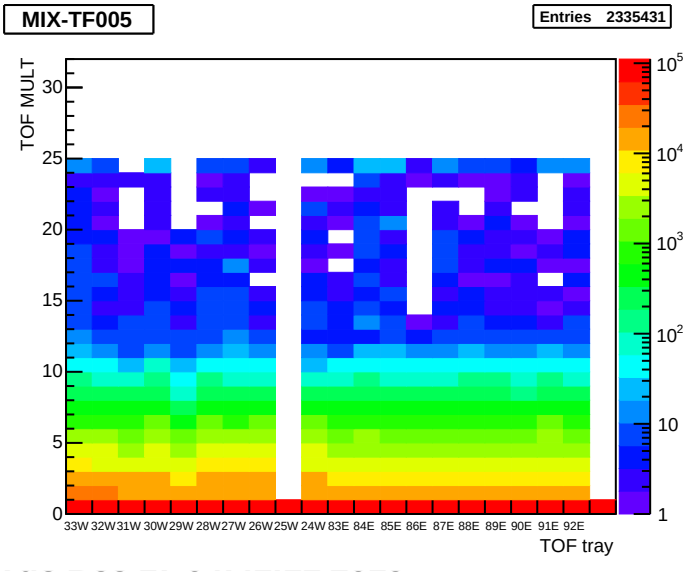

BunchId7Bit (TOFmult window)
Entries 4277

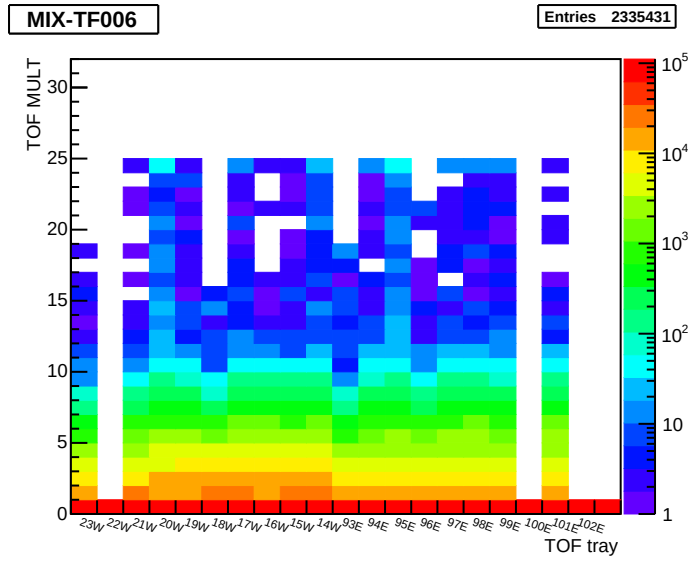

MIX-TF001
Entries 2335431
TOF MULT
TOF tray

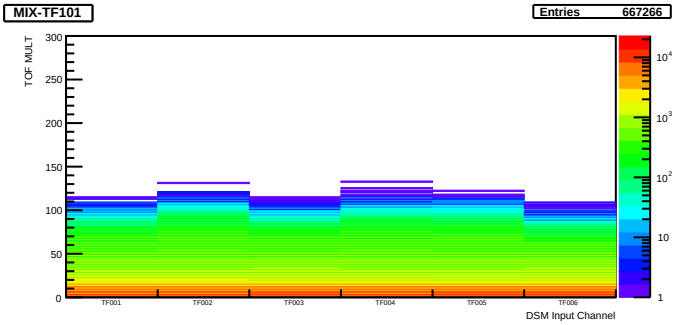

MIX-TF002
Entries 2335431
TOF MULT
TOF tray

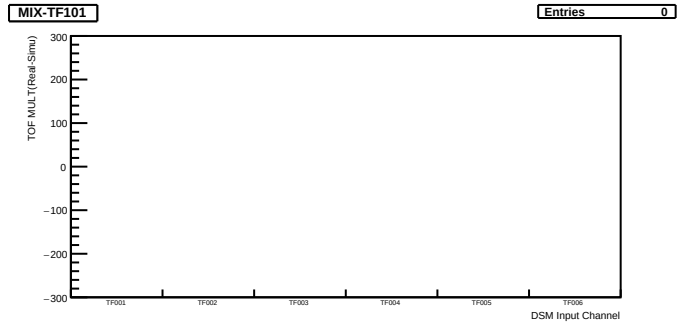

MIX-TF003
Entries 2335431
TOF MULT
TOF tray

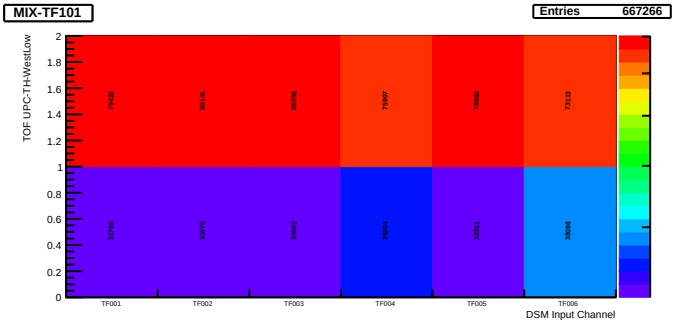

MIX-TF004
Entries 2335431
TOF MULT
TOF tray

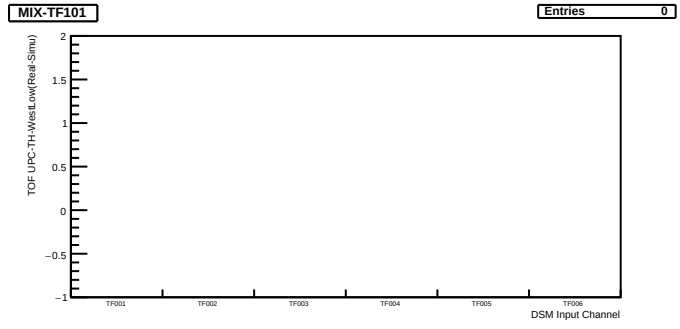

MIX-TF005
Entries 2335431
TOF MULT
TOF tray

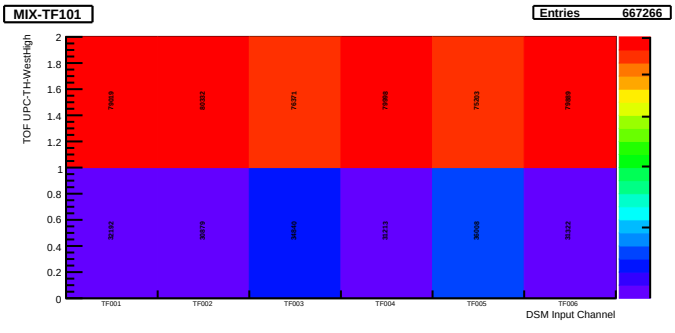

MIX-TF006
Entries 2335431
TOF MULT
TOF tray

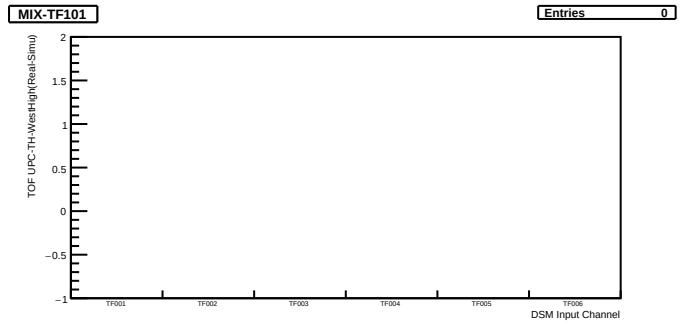

MIX-TF101
Entries 667266
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

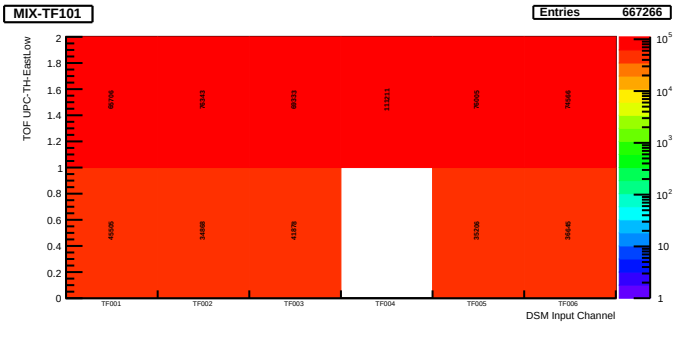

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

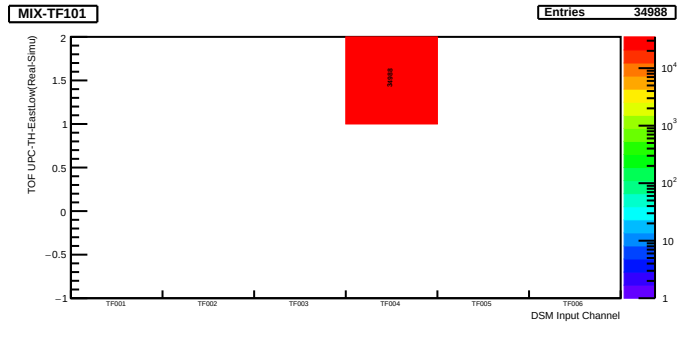

MIX-TF101
Entries 667266
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

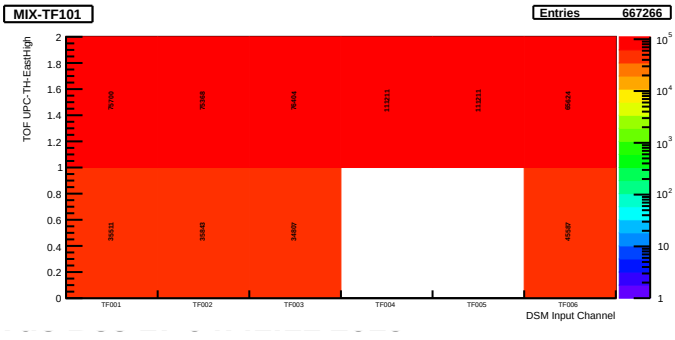

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

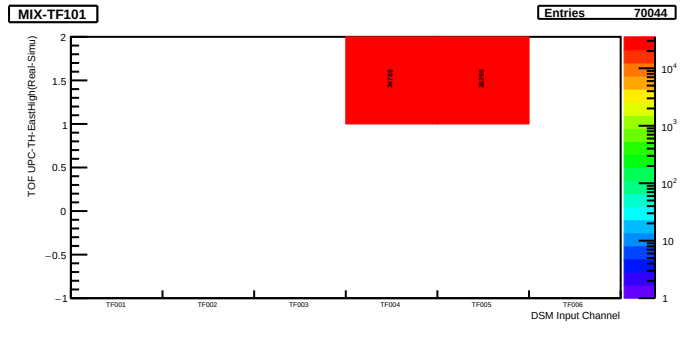

MIX-TF101
Entries 667266
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

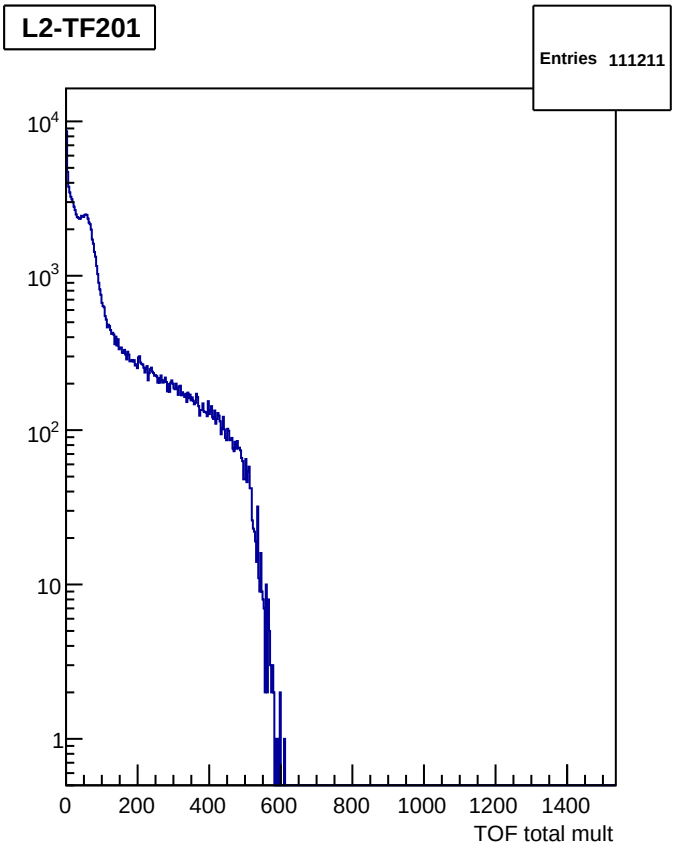

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

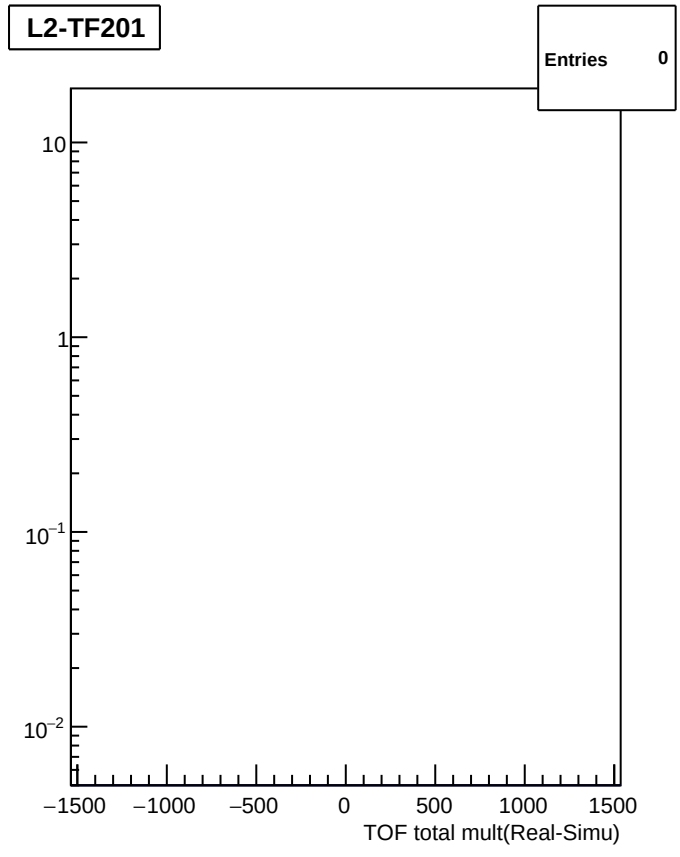

MIX-TF101
Entries 667266
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

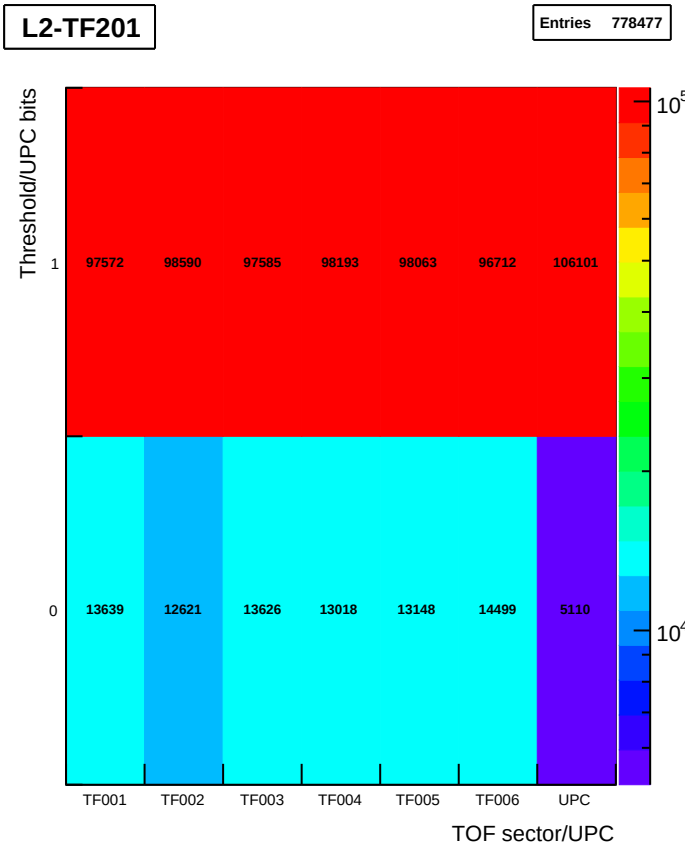

MIX-TF101
Entries 34988
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

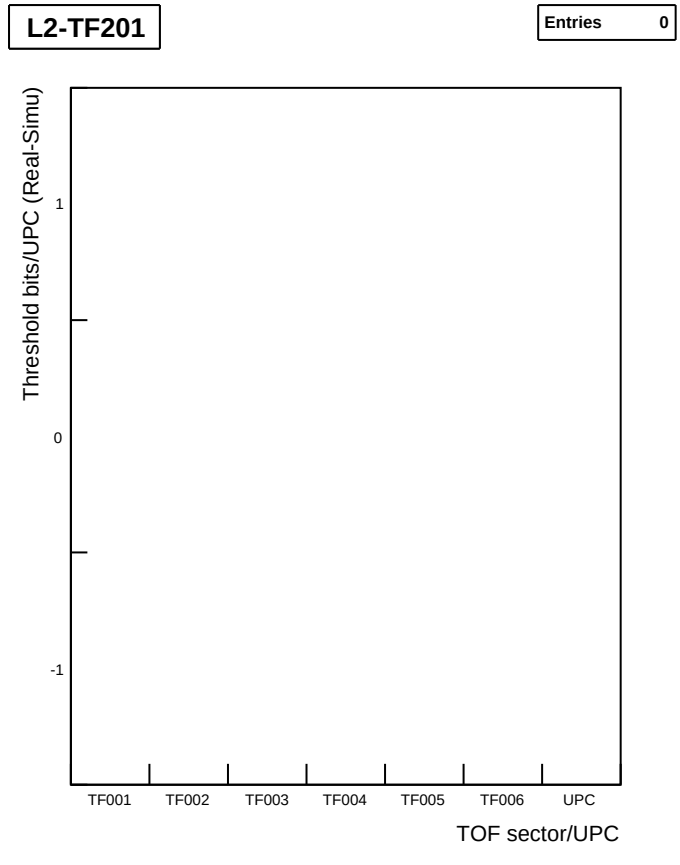

MIX-TF101
Entries 667266
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

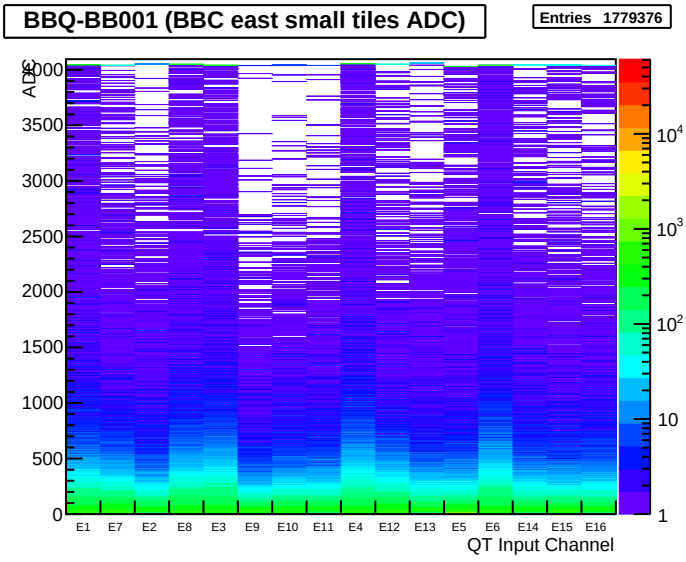

MIX-TF101
Entries 70044
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

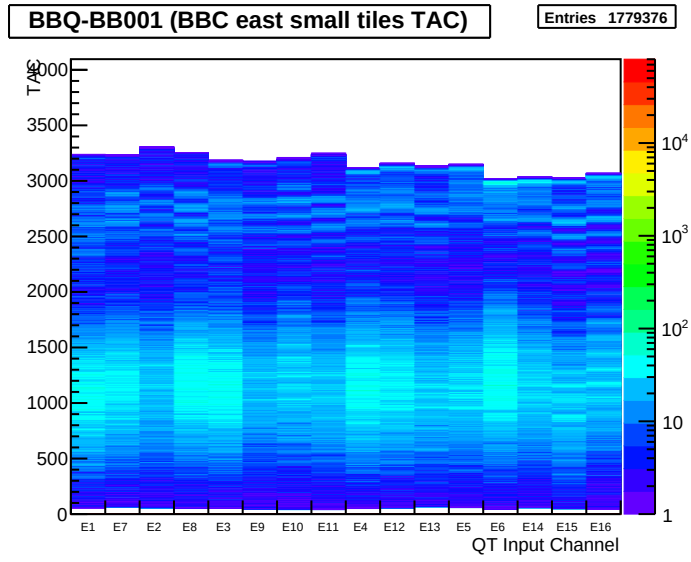

L2-TF201
Entries 111211
TOF total mult

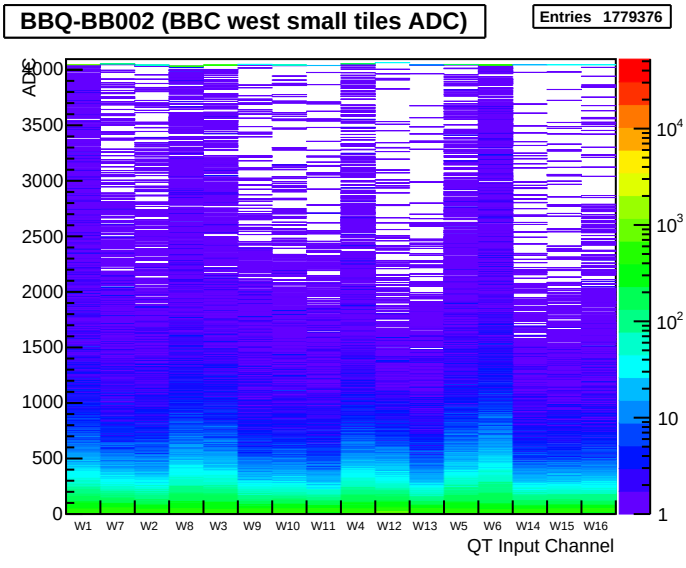

L2-TF201
Entries 0
TOF total mult(Real-Simu)

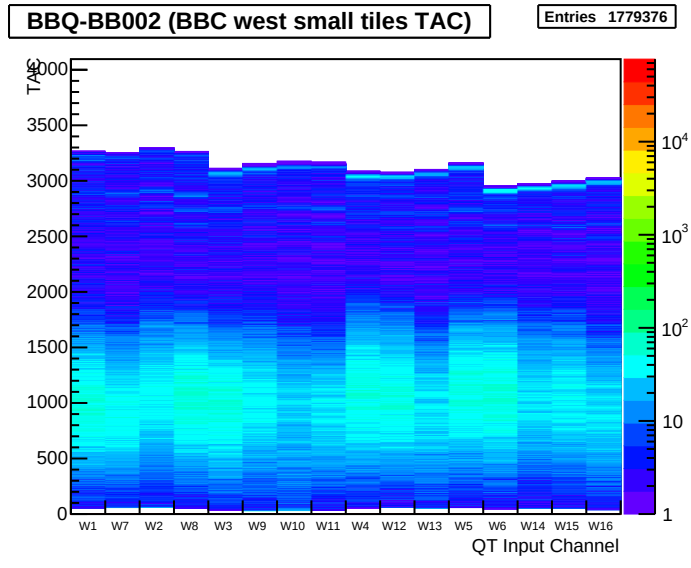

L2-TF201
Entries 778477
Threshold/UPC bits
97572
98590
97585
98193
98063
96712
106101
13639
12621
13626
13018
13148
14499
5110
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

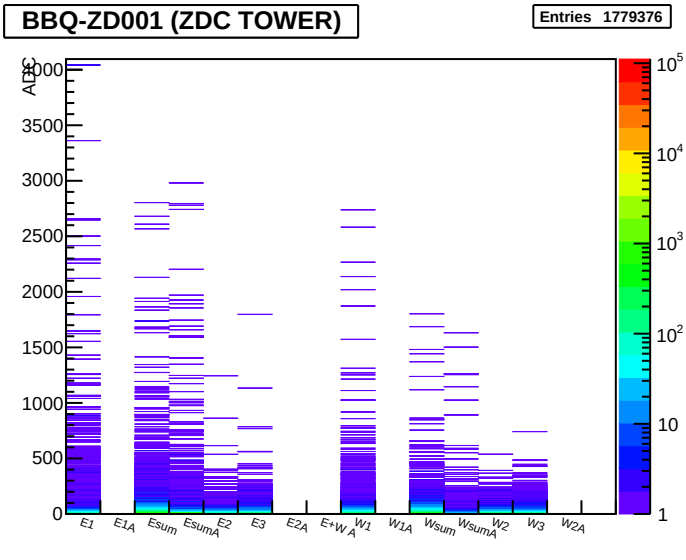

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

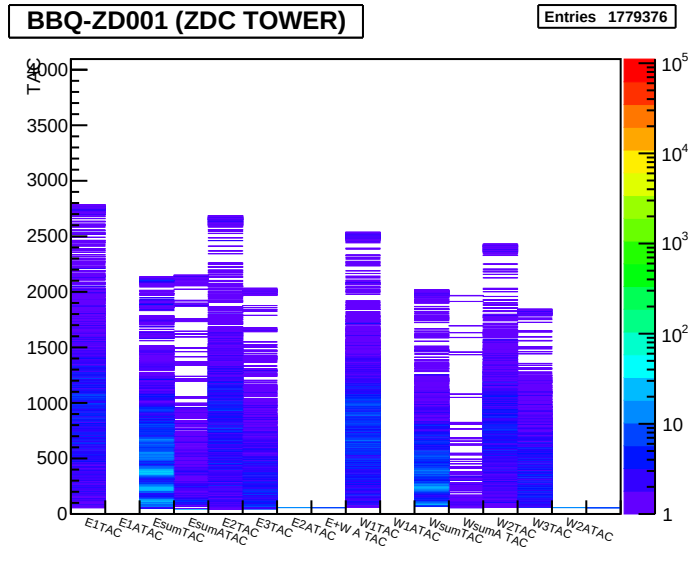

BBQ-BB001 (BBC east small tiles ADC)
Entries 1779376
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

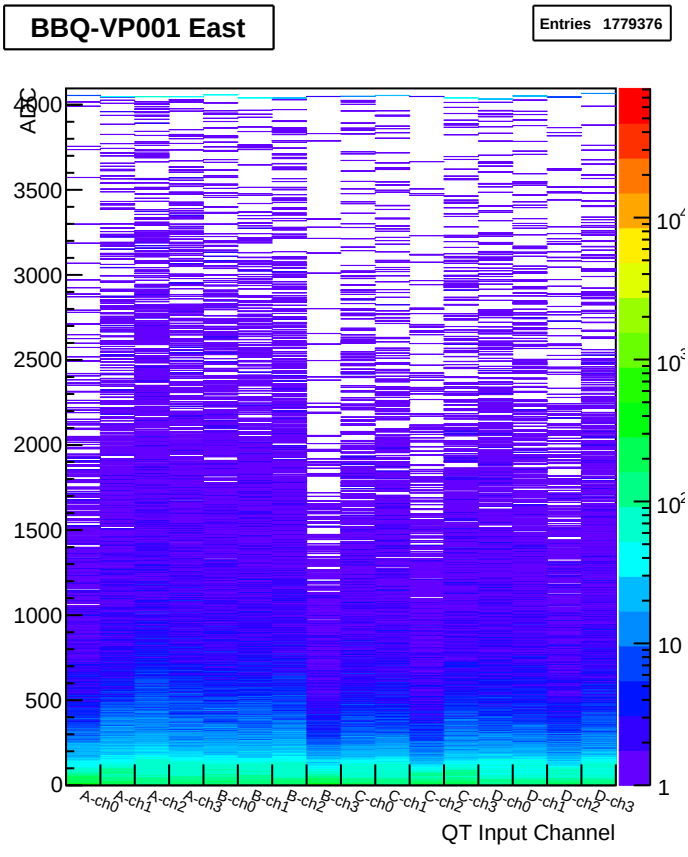

BBQ-BB001 (BBC east small tiles TAC)
Entries 1779376
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

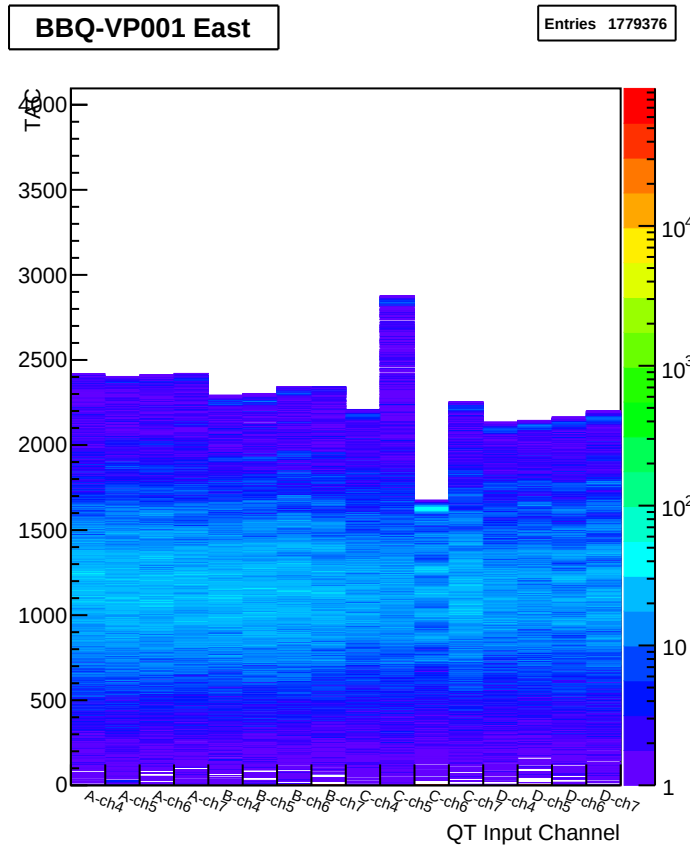

BBQ-BB002 (BBC west small tiles ADC)
Entries 1779376
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

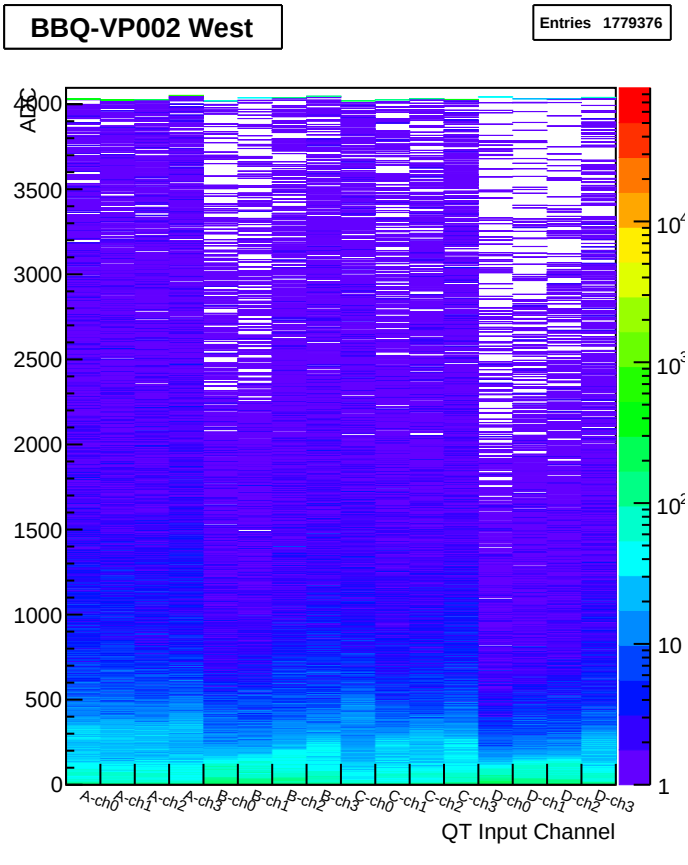

BBQ-BB002 (BBC west small tiles TAC)
Entries 1779376
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

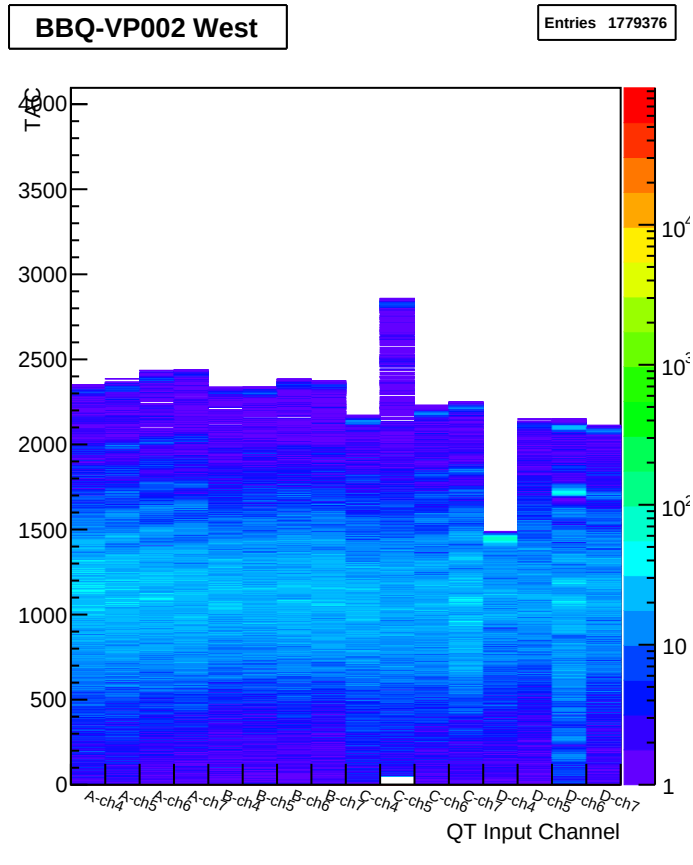

BBQ-ZD001 (ZDC TOWER)
Entries 1779376
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

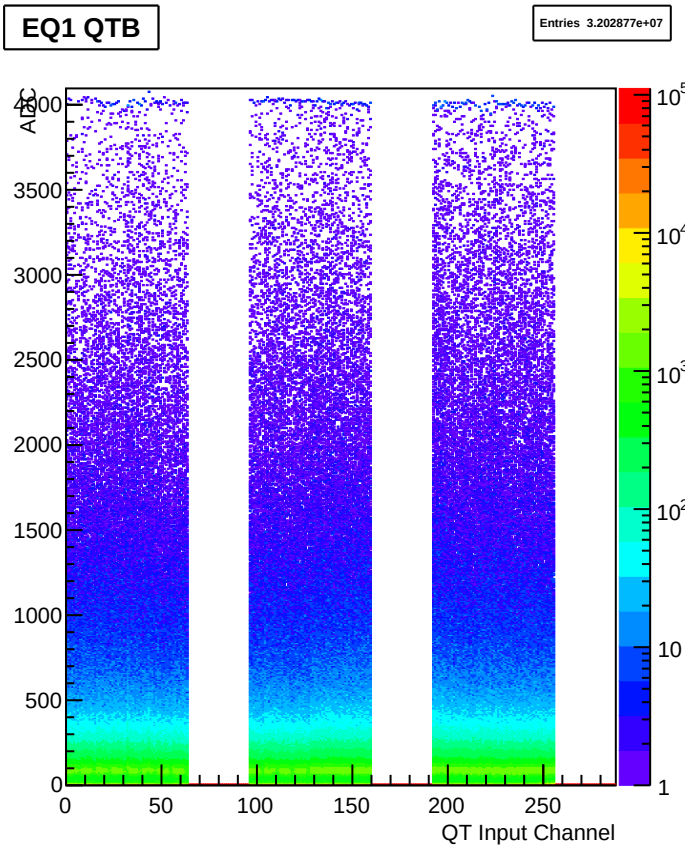

BBQ-ZD001 (ZDC TOWER)
Entries 1779376
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

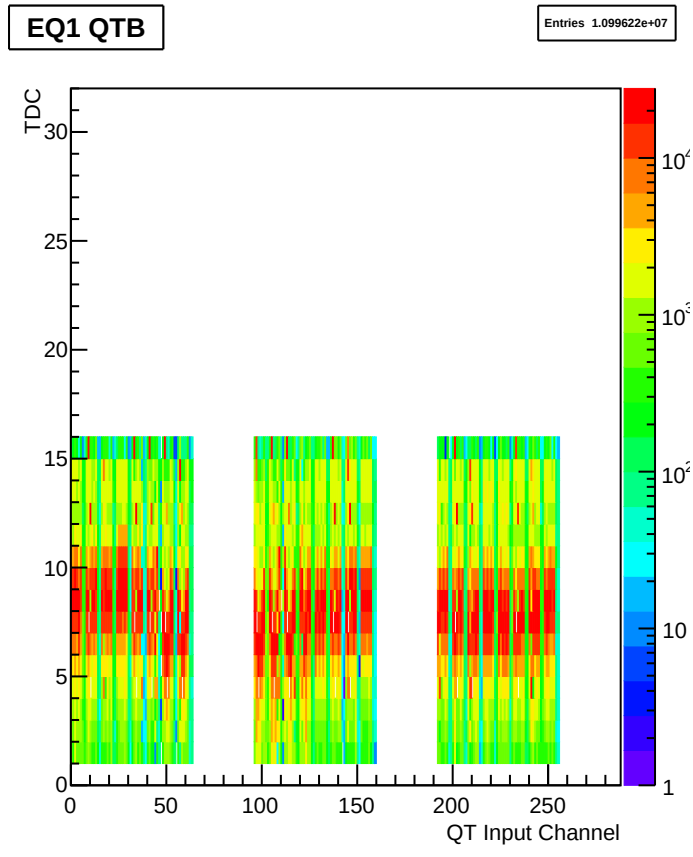

BBQ-VP001 East
Entries 1779376
ADC
QT Input Channel

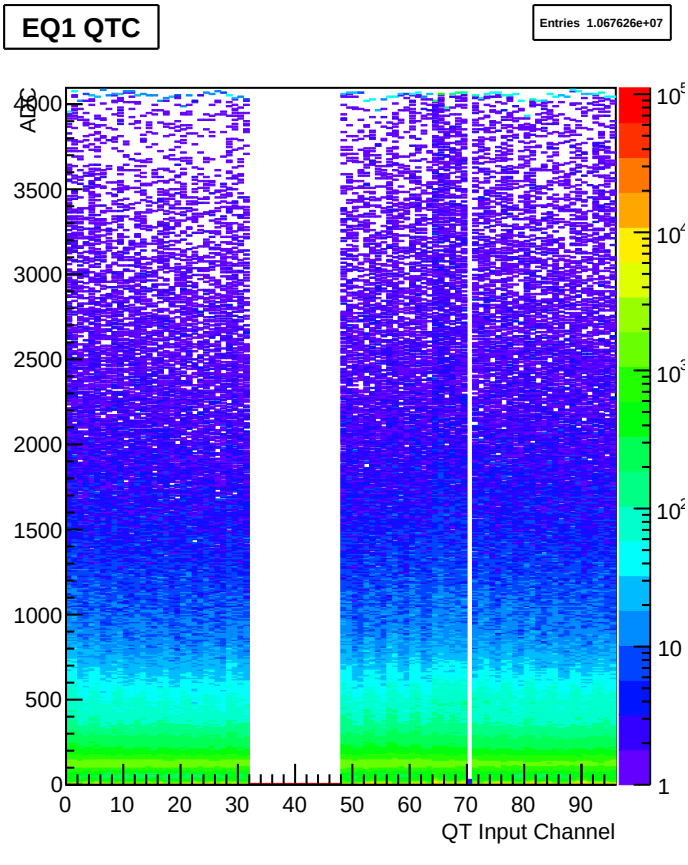

BBQ-VP001 East
Entries 1779376
TADC
QT Input Channel

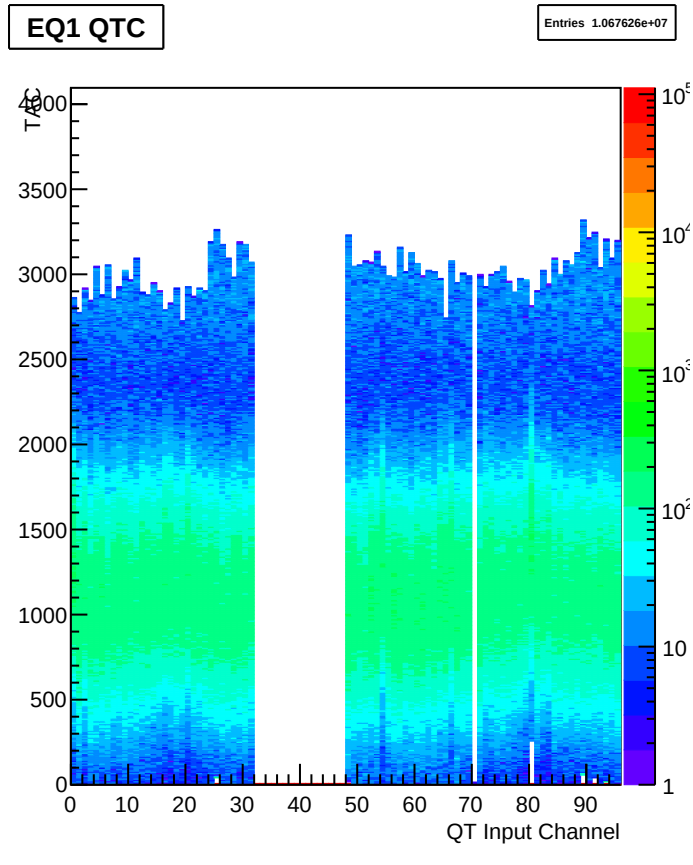

BBQ-VP002 West
Entries 1779376
ADC
QT Input Channel

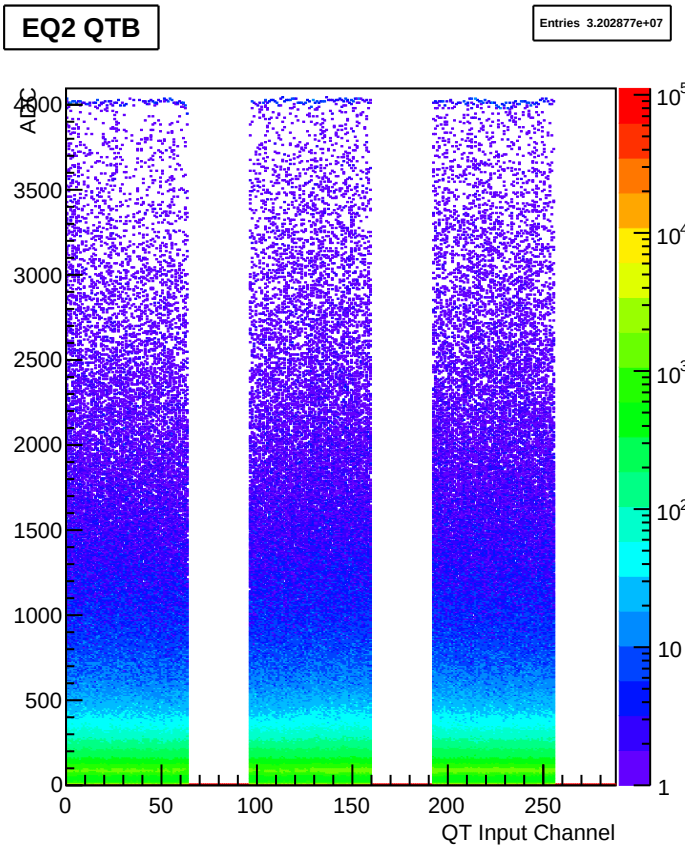

BBQ-VP002 West
Entries 1779376
TADC
QT Input Channel

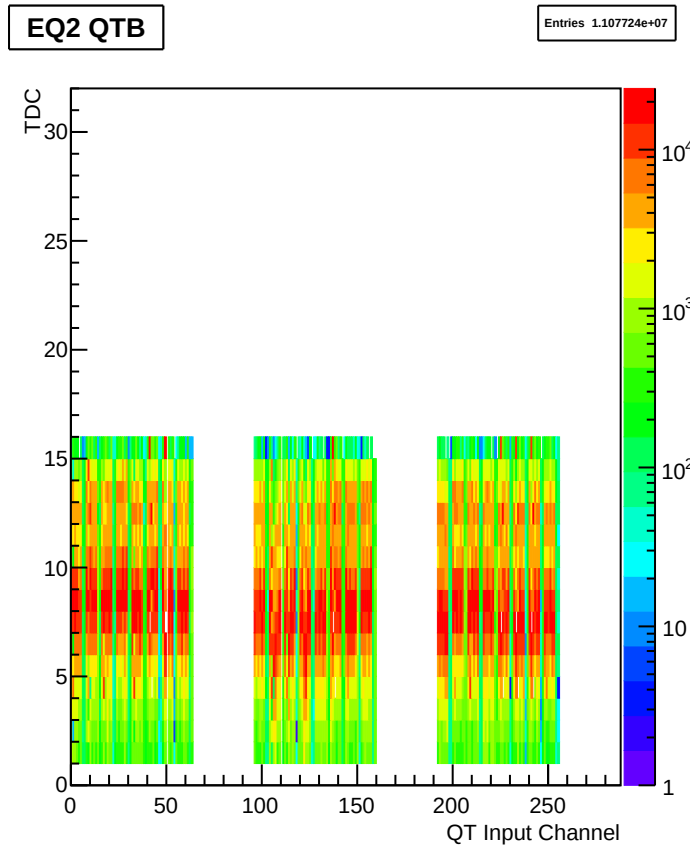

EQ1 QTB
Entries 3.202877e+07
ADC
QT Input Channel

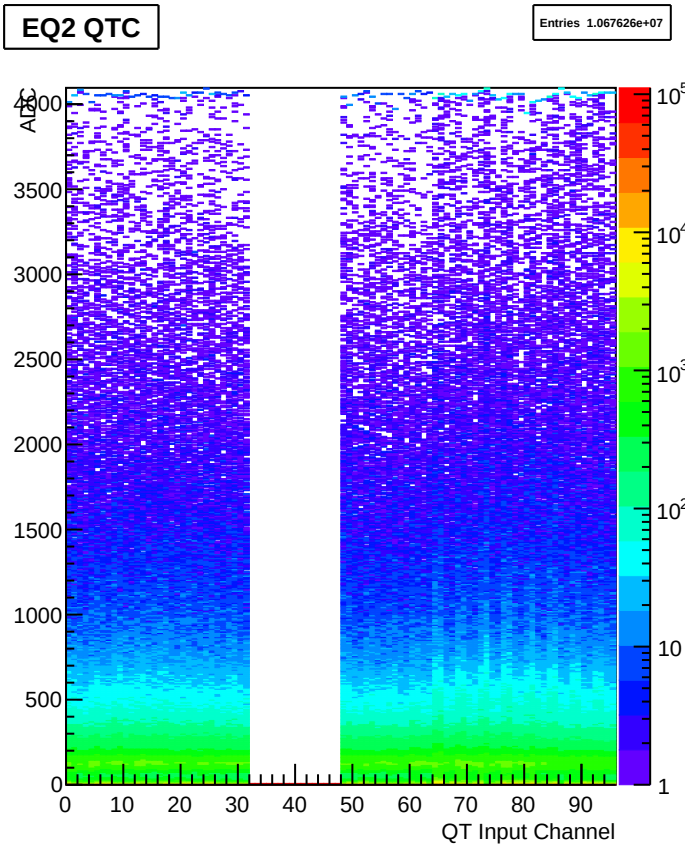

EQ1 QTB
Entries 1.099622e+07
TDC
QT Input Channel

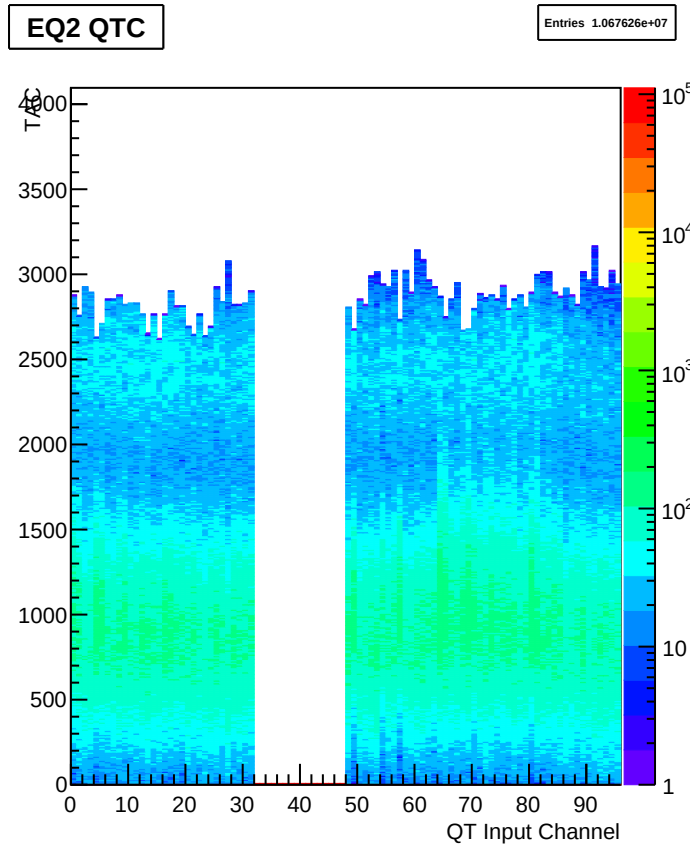

EQ1 QTC
Entries 1.067626e+07
ADC
QT Input Channel

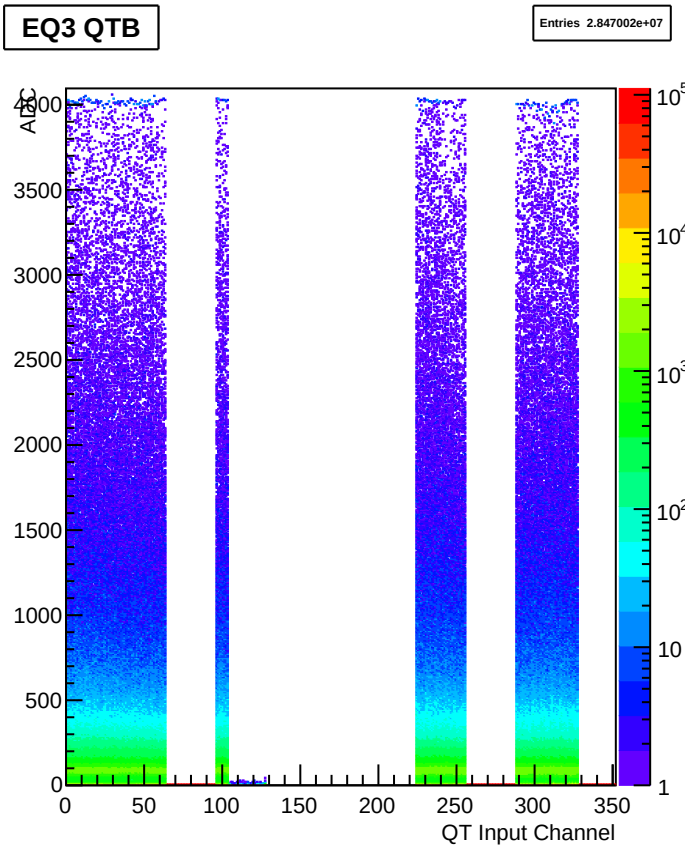

EQ1 QTC
Entries 1.067626e+07
TADC
QT Input Channel

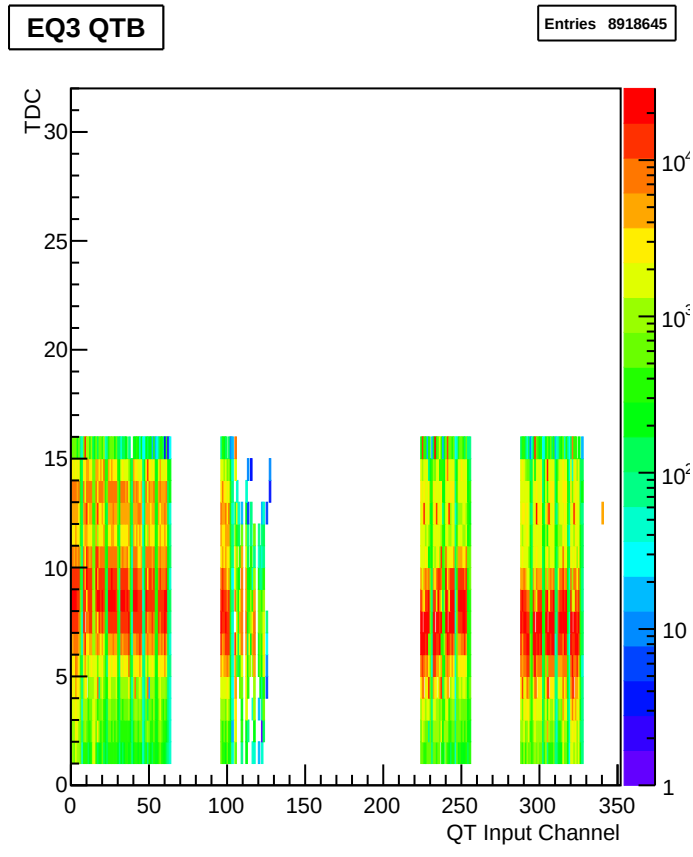

EQ2 QTB
Entries 3.202877e+07
ADC
QT Input Channel

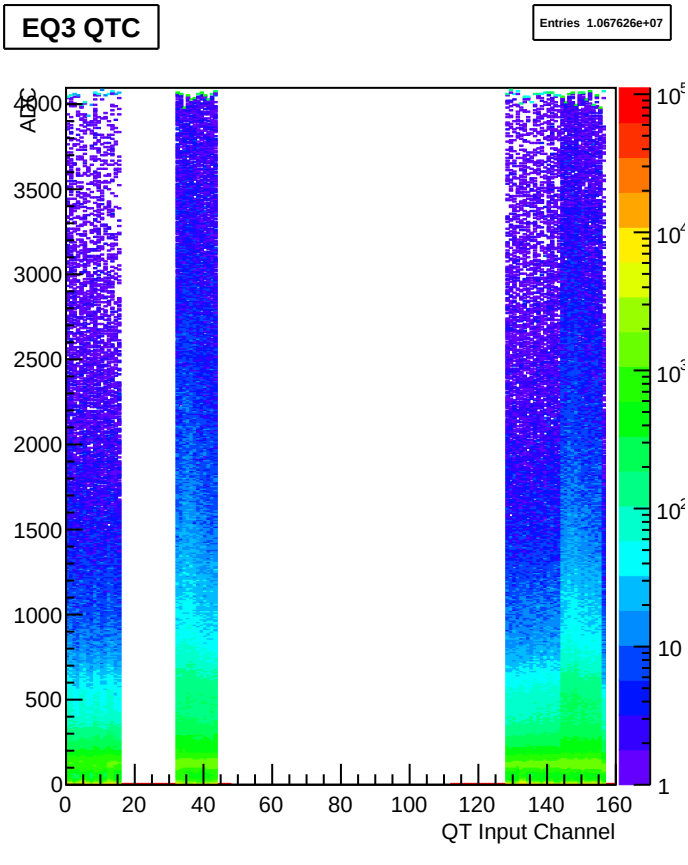

EQ2 QTB
Entries 1.107724e+07
TDC
QT Input Channel

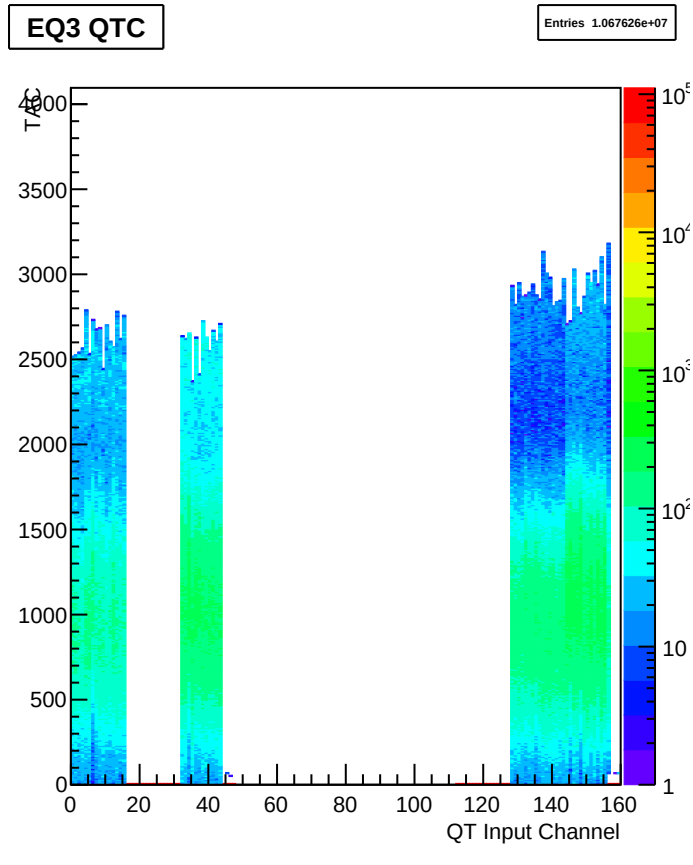

EQ2 QTC
Entries 1.067626e+07
ADC
QT Input Channel

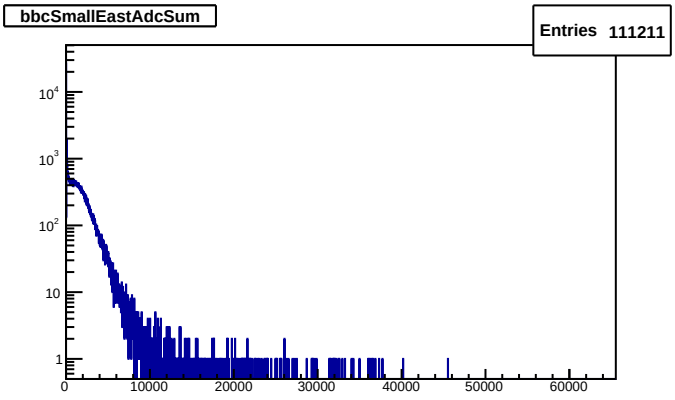

EQ2 QTC
Entries 1.067626e+07
TADC
QT Input Channel

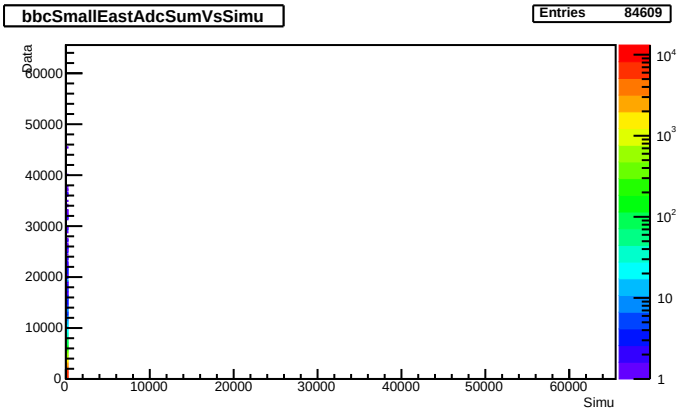

EQ3 QTB
Entries 2.847002e+07
ADC
QT Input Channel

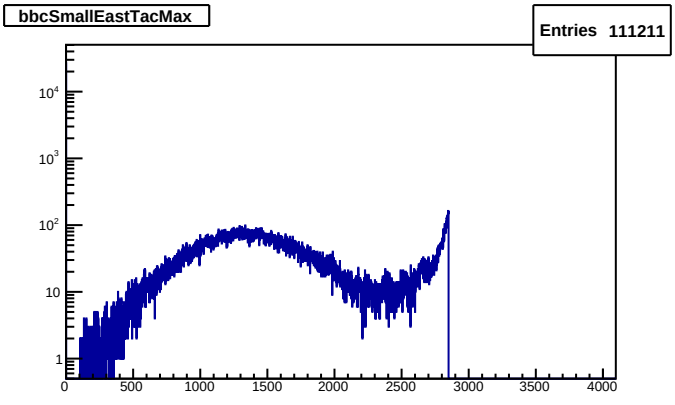

EQ3 QTB
Entries 8918645
TDC
QT Input Channel

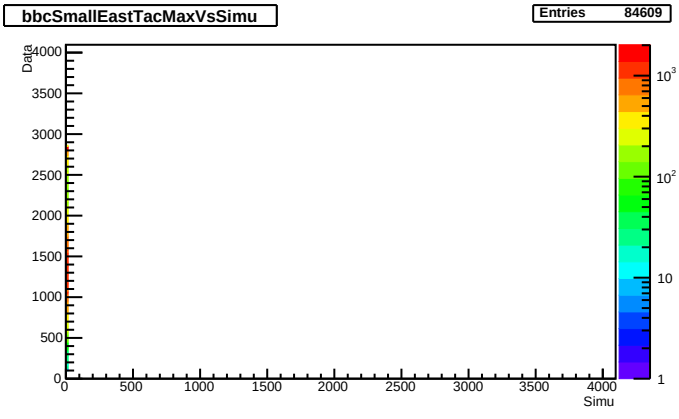

EQ3 QTC
Entries 1.067626e+07
ADC
QT Input Channel

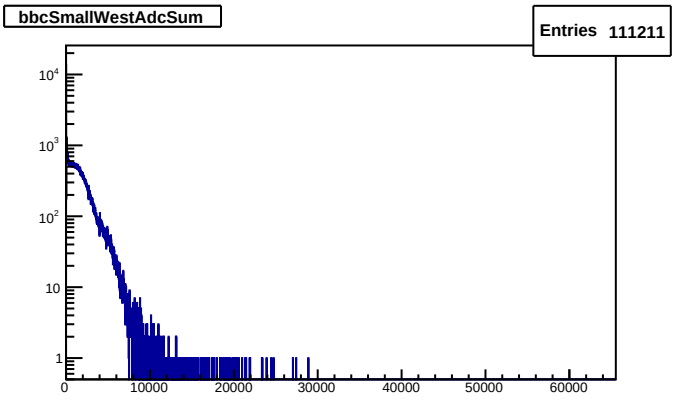

EQ3 QTC
Entries 1.067626e+07
TADC
QT Input Channel

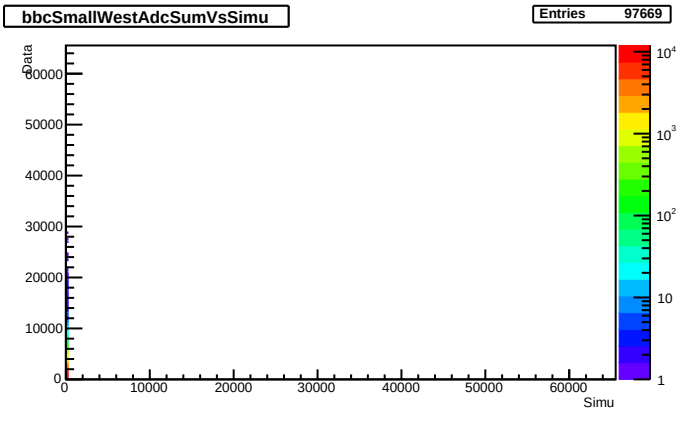

bbcSmallEastAdcSum
Entries 111211

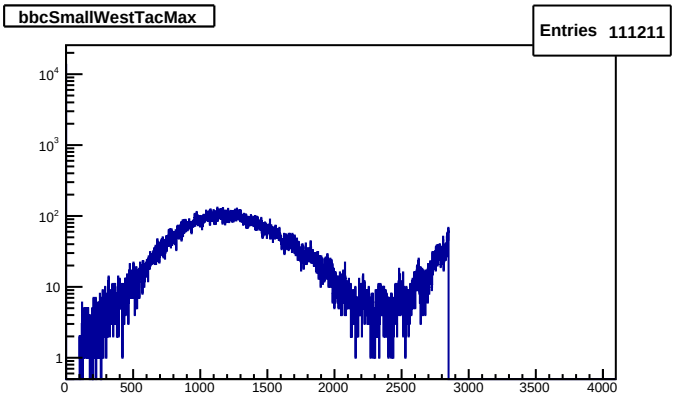

bbcSmallEastAdcSumVsSimu
Entries 84609
Data
Simu


bbcSmallEastTacMax
Entries 111211


bbcSmallEastTacMaxVsSimu
Entries 84609
Data
Simu


bbcSmallWestAdcSum
Entries 111211


bbcSmallWestAdcSumVsSimu
Entries 97669
Data
Simu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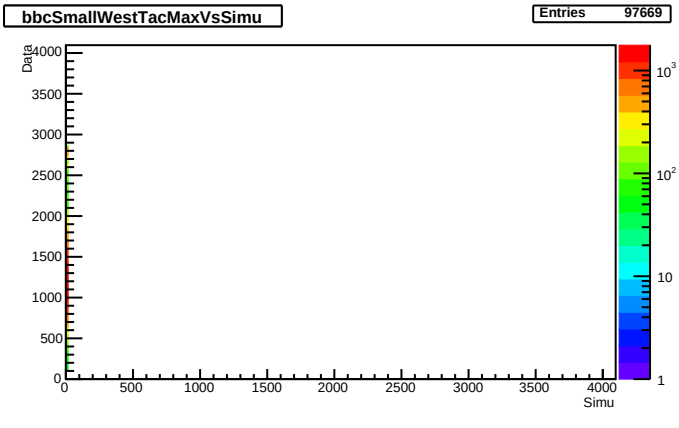
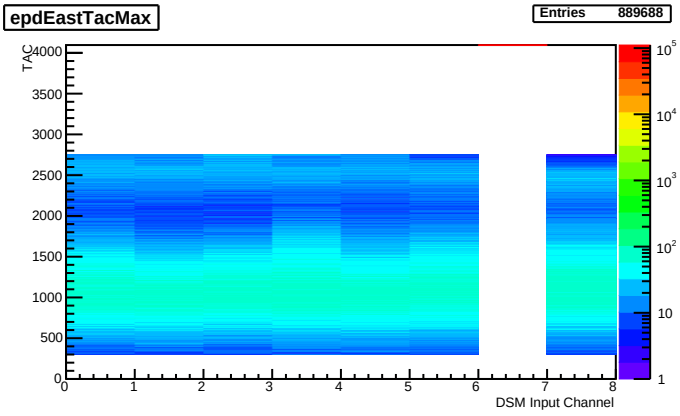
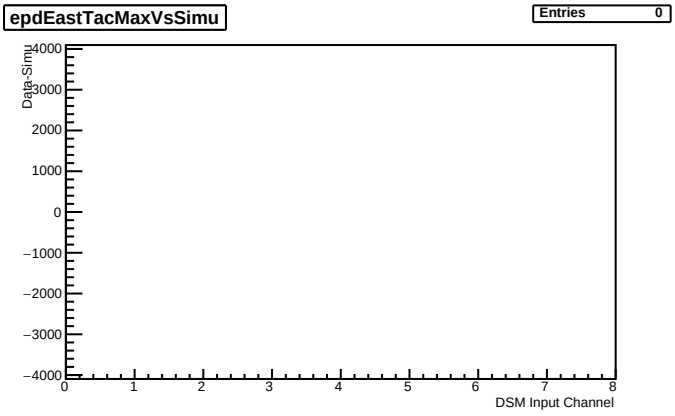
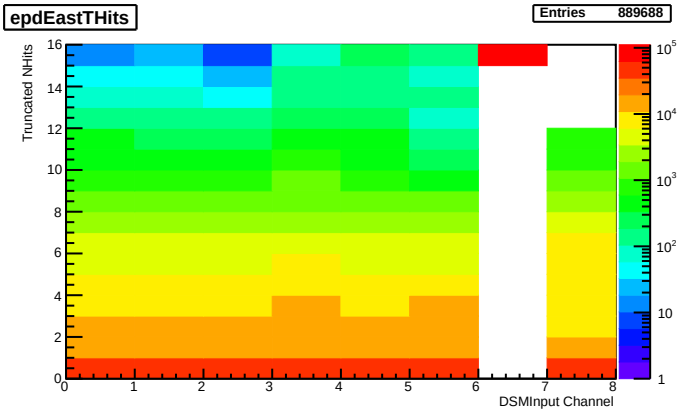
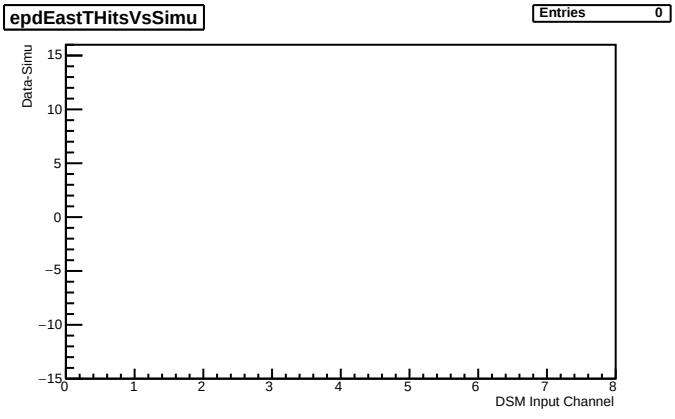
Entries 111211


bbcSmallWestTacMaxVsSimu
Entries 97669
Data
Simu


epdEastTacMax
Entries 889688
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 889688
Truncated NHits
DSMInput Channel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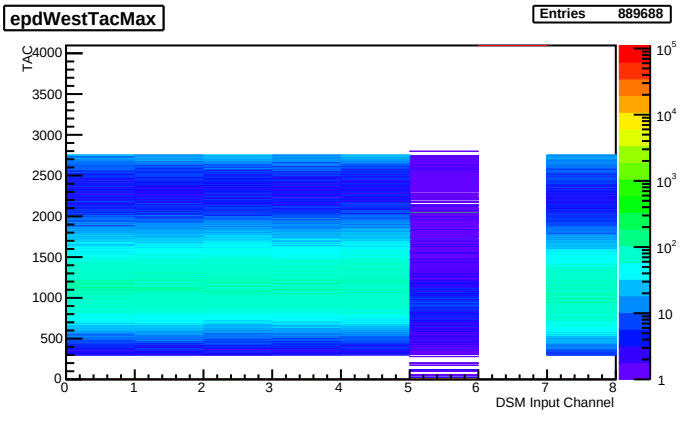
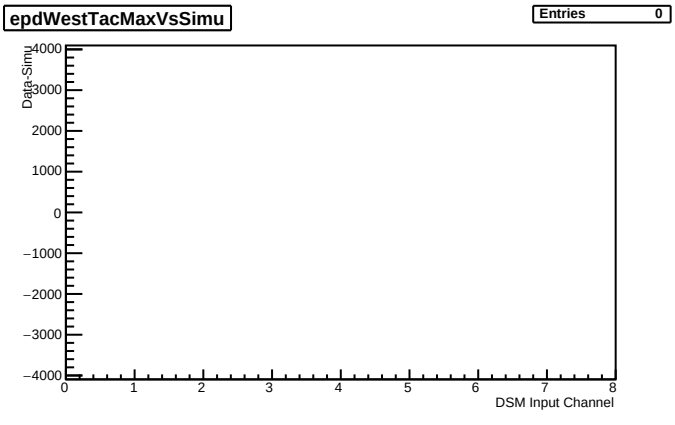
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 889688
TAC
DSM Input Channel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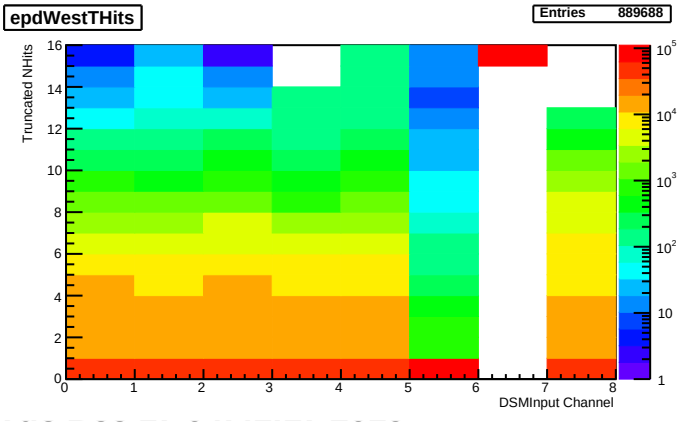
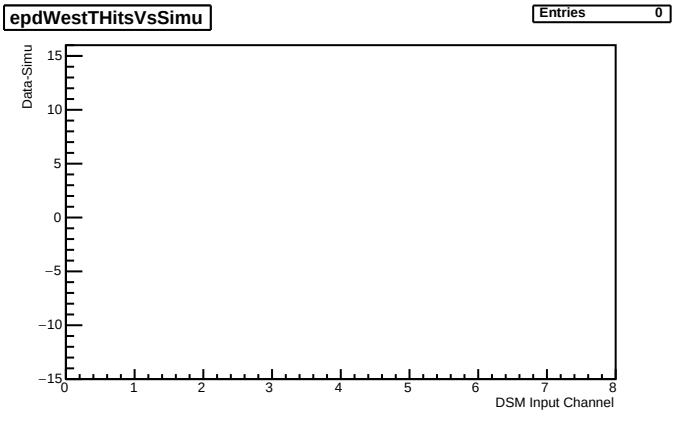
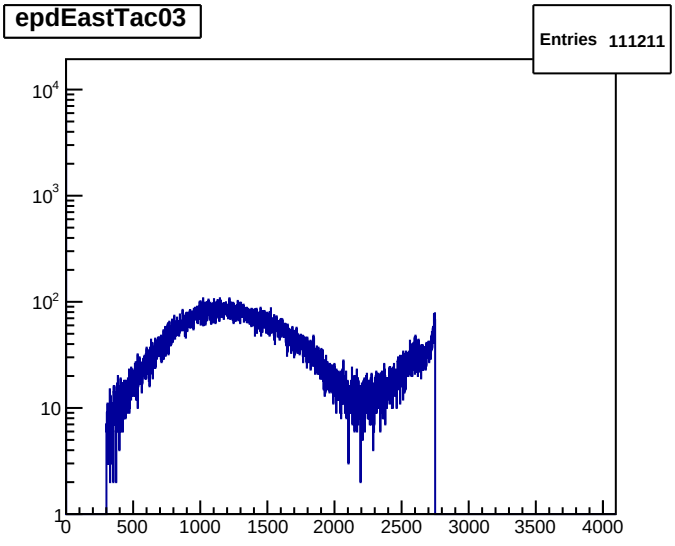
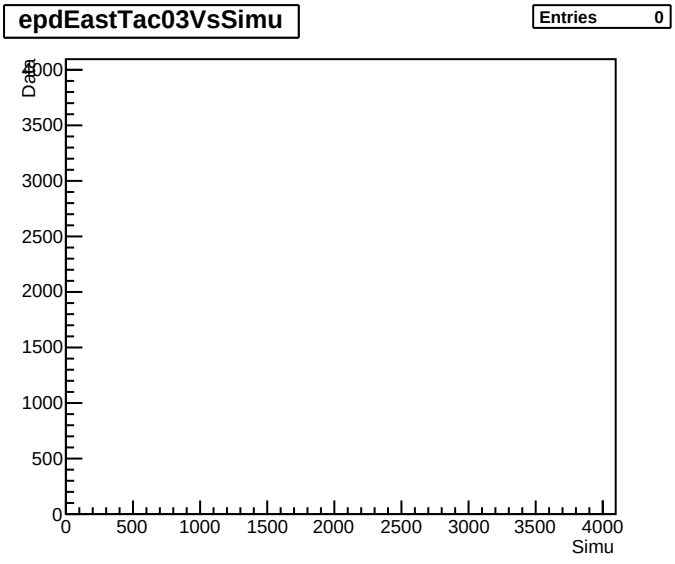
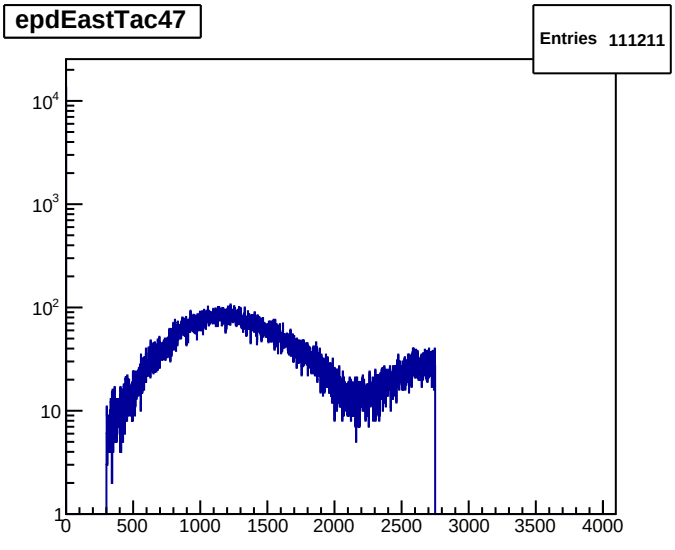
Entries 0
Data-Simu
DSM Input Channel

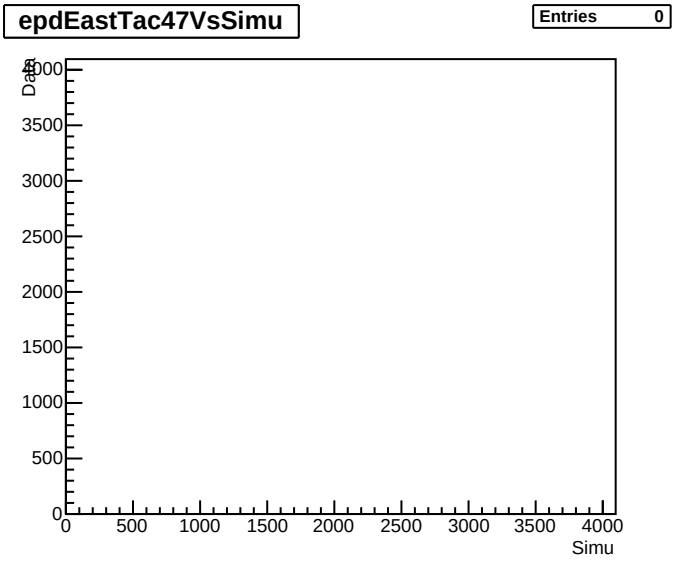

epdWestTHits
Entries 889688
Truncated NHits
DSMInput Channel

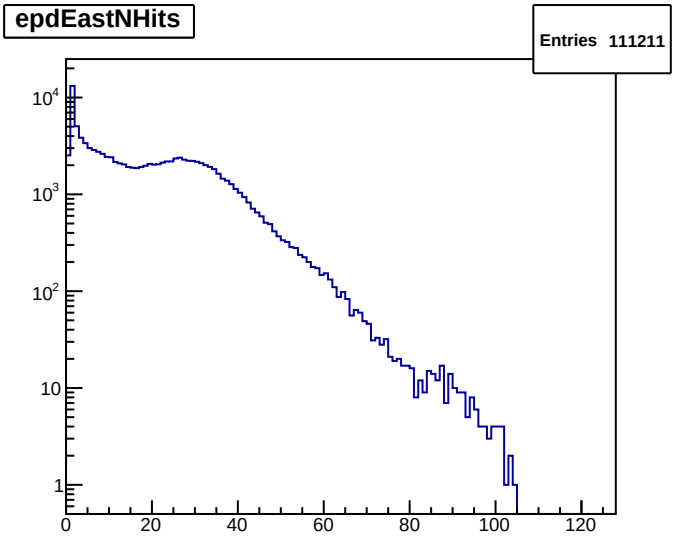

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

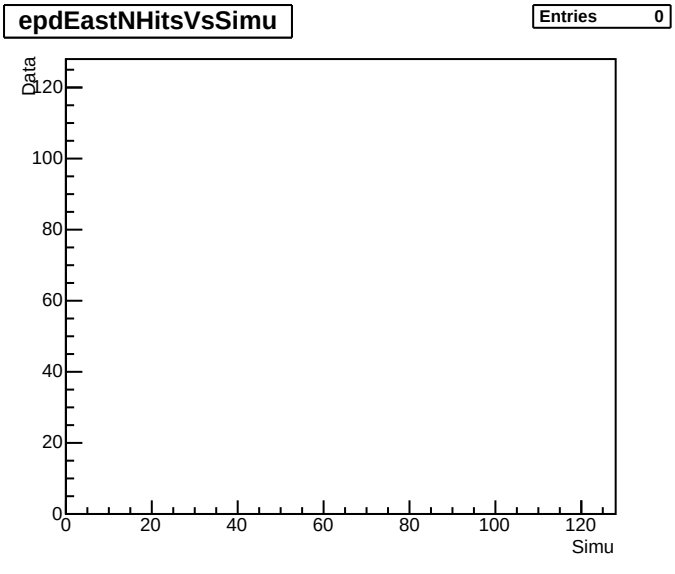

epdEastTac03
Entries 111211

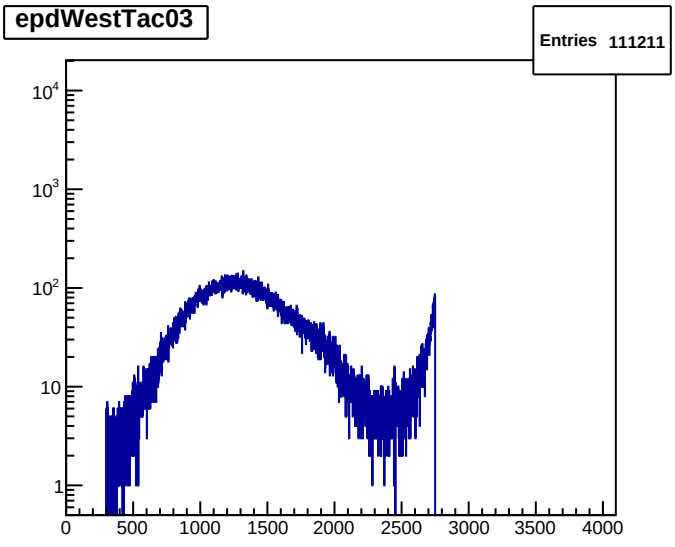

epdEastTac03VsSimu
Entries 0
Data
Simu

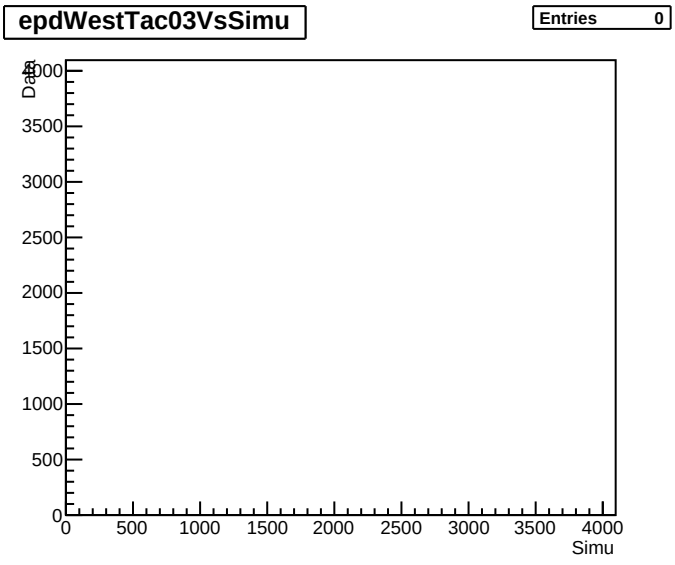

epdEastTac47
Entries 111211

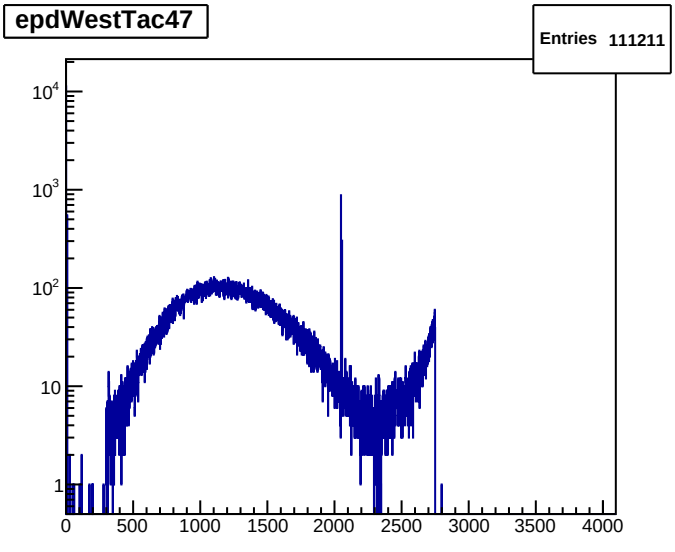

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 111211


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 111211


epdWestTac03VsSimu
Entries 0
Data
Simu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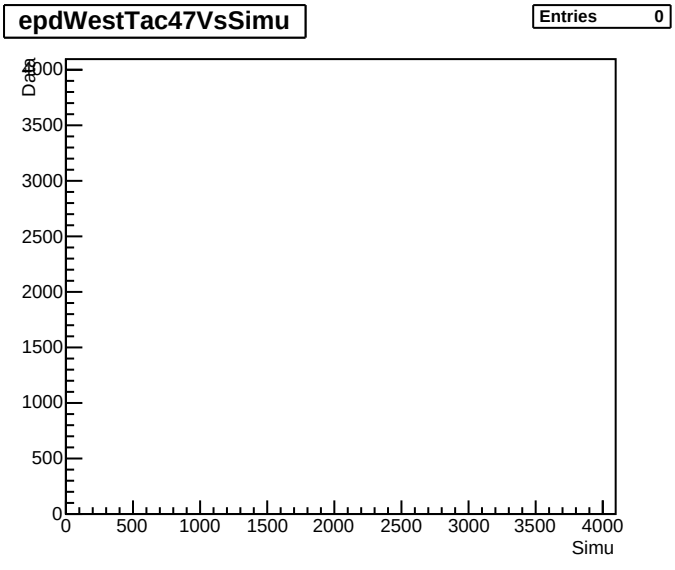
Entries 111211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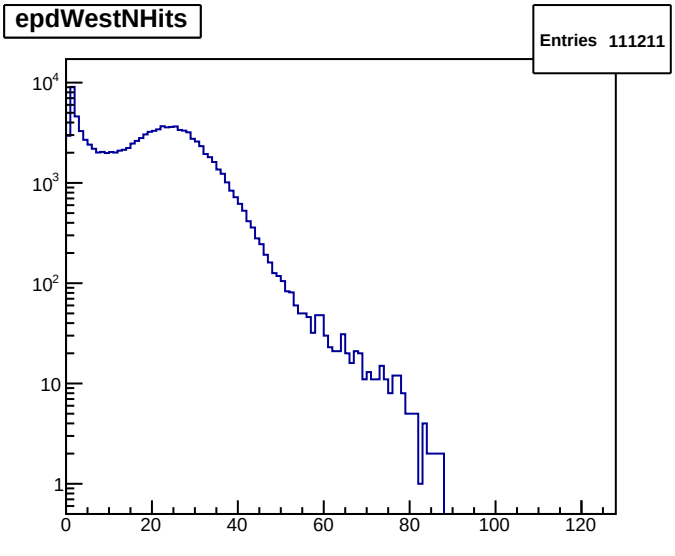
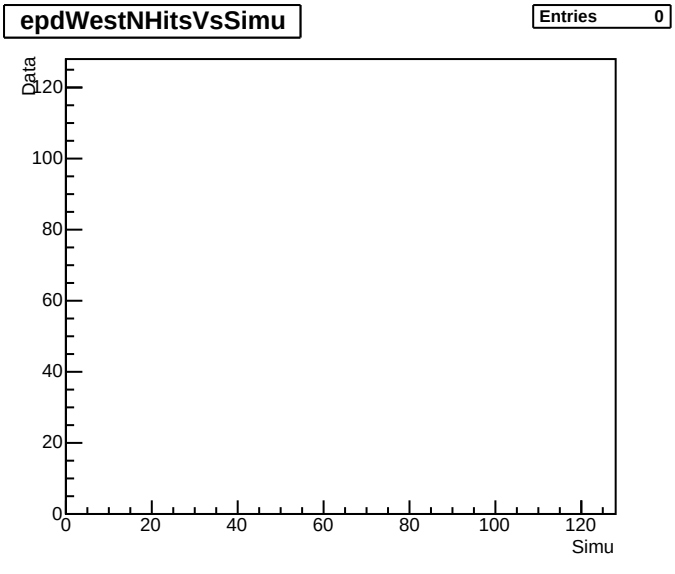
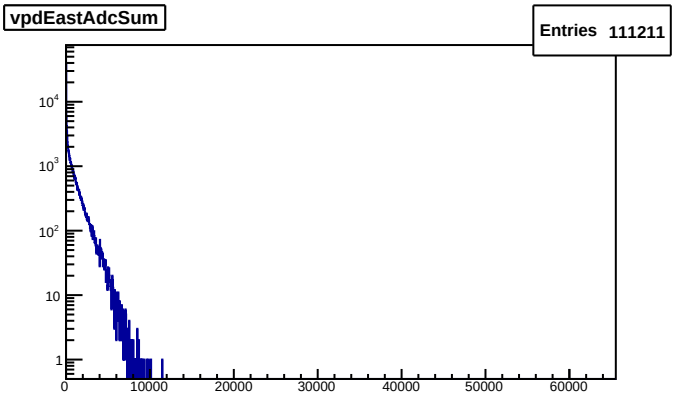
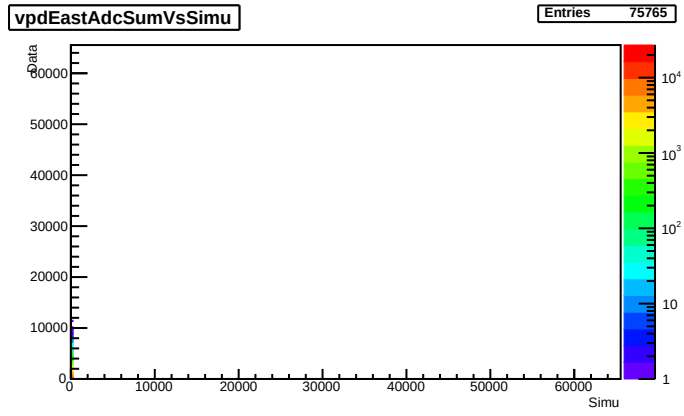
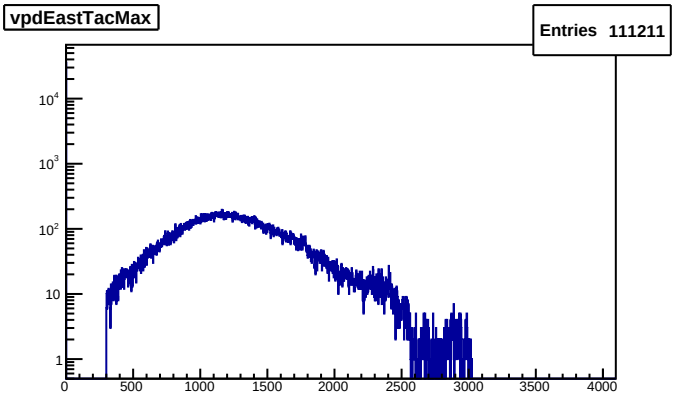
Entries 0
Data
Simu

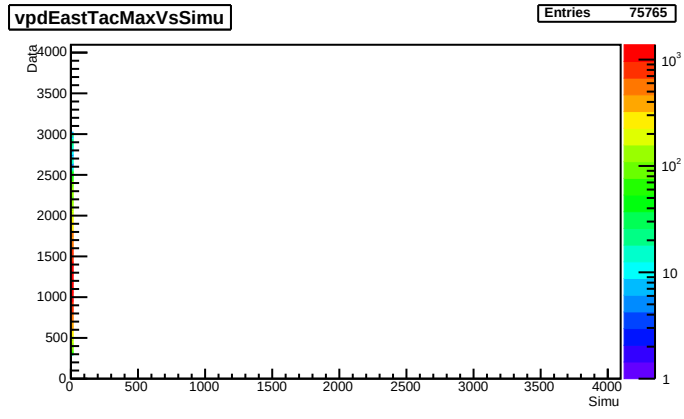

epdWestNHits
Entries 111211

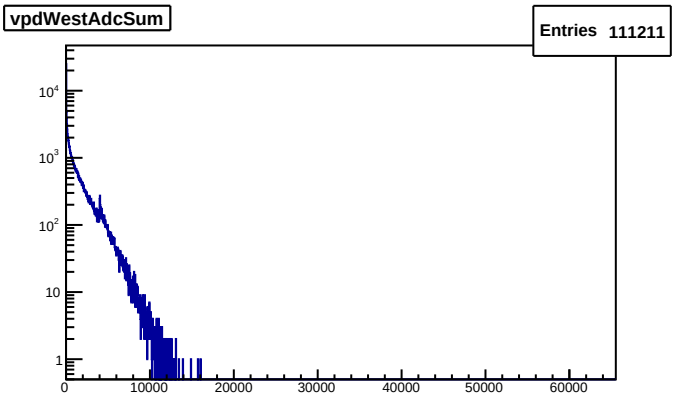

epdWestNHitsVsSimu
Entries 0
Data
Simu

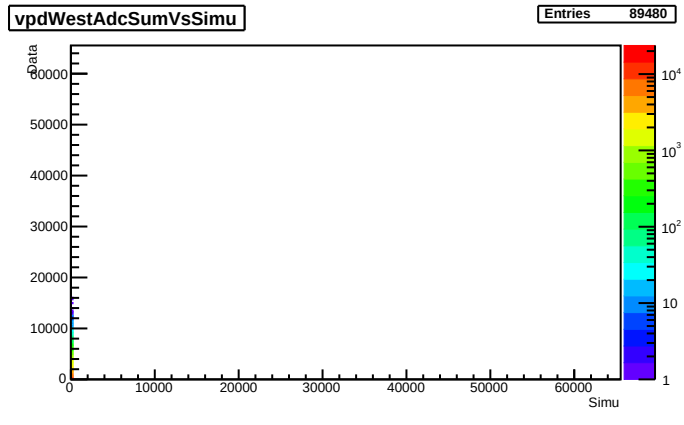

vpdEastAdcSum
Entries 111211

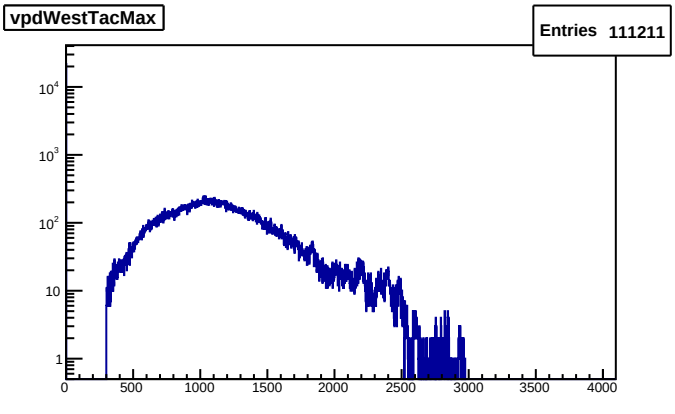

vpdEastAdcSumVsSimu
Entries 75765
Data
Simu

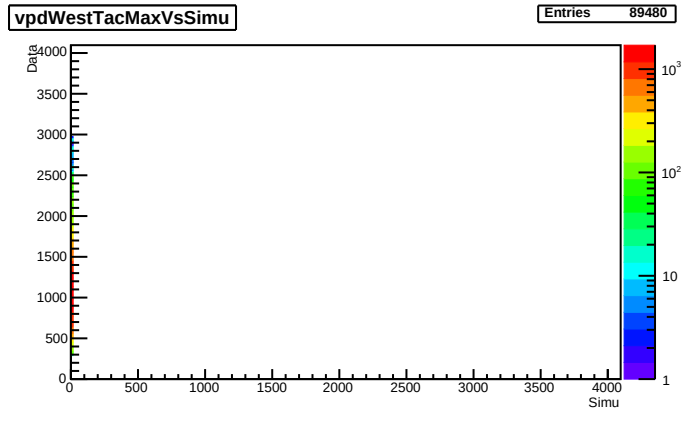

vpdEastTacMax
Entries 111211

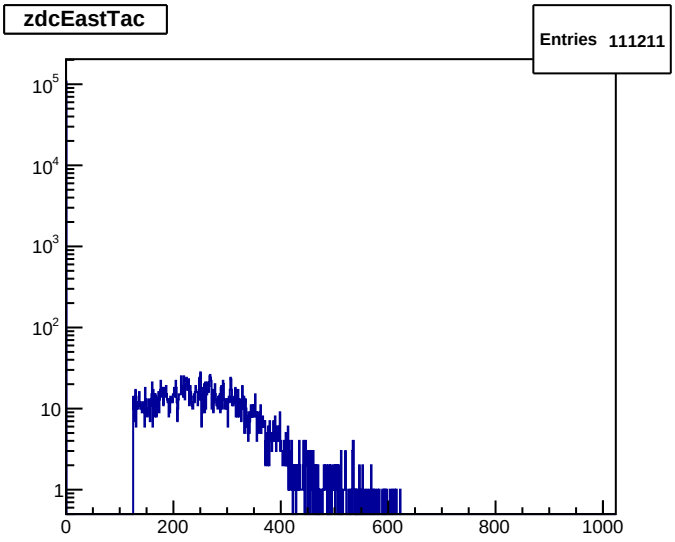

vpdEastTacMaxVsSimu
Entries 75765
Data
Simu

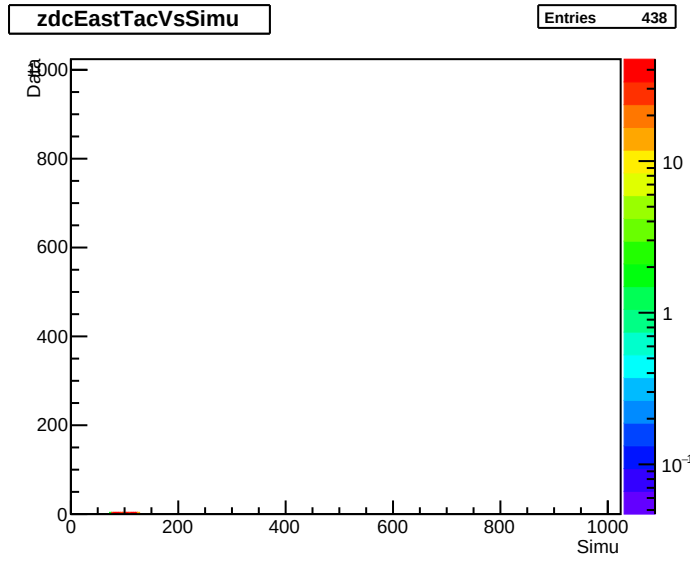

vpdWestAdcSum
Entries 111211

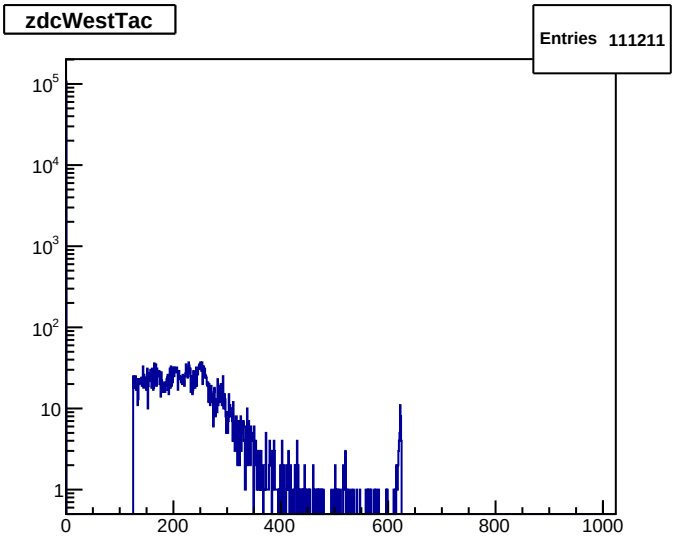

vpdWestAdcSumVsSimu
Entries 89480
Data
Simu

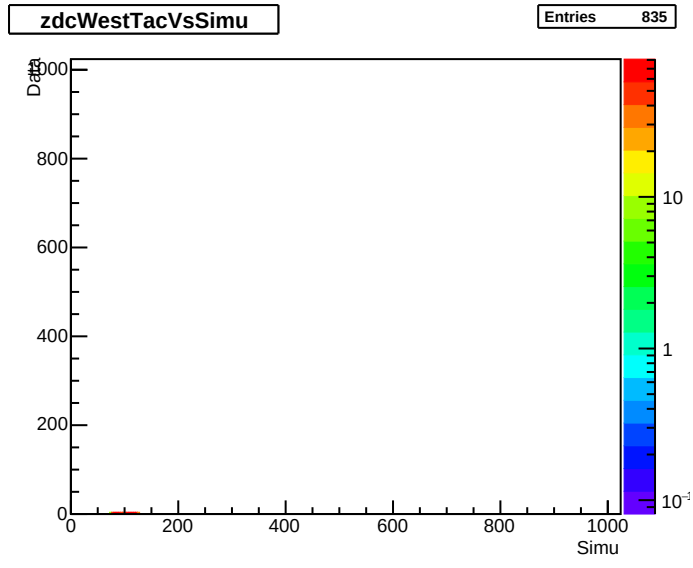

vpdWestTacMax
Entries 111211

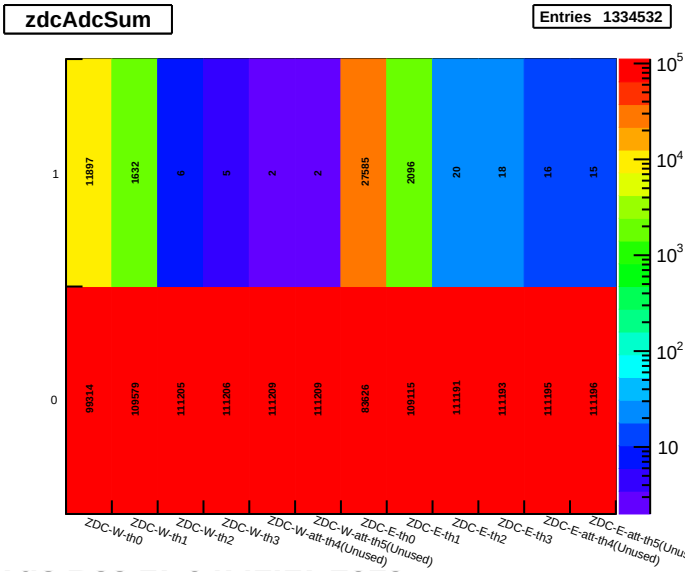

vpdWestTacMaxVsSimu
Entries 89480
Data
Simu

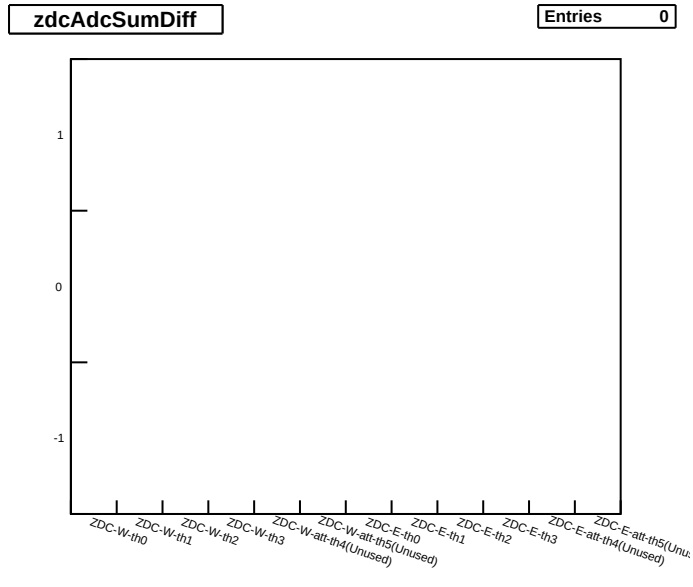

zdcEastTac
Entries 111211

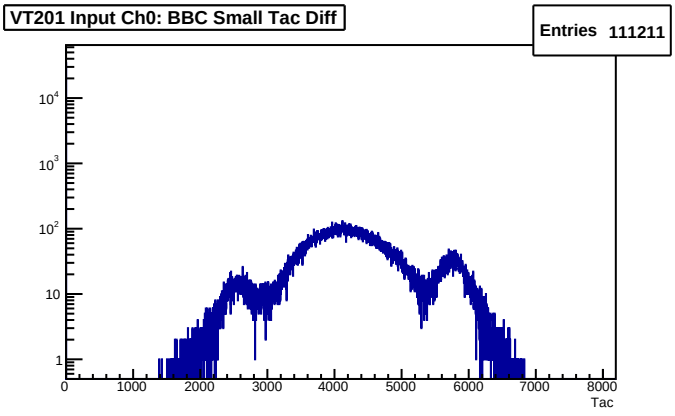

zdcEastTacVsSimu
Entries 438
Data
Simu

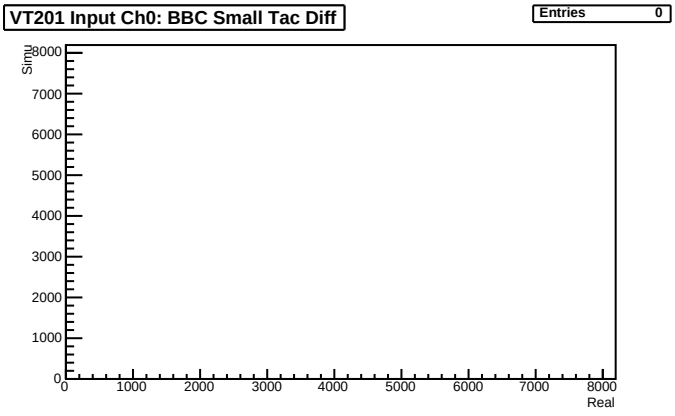

zdcWestTac
Entries 111211

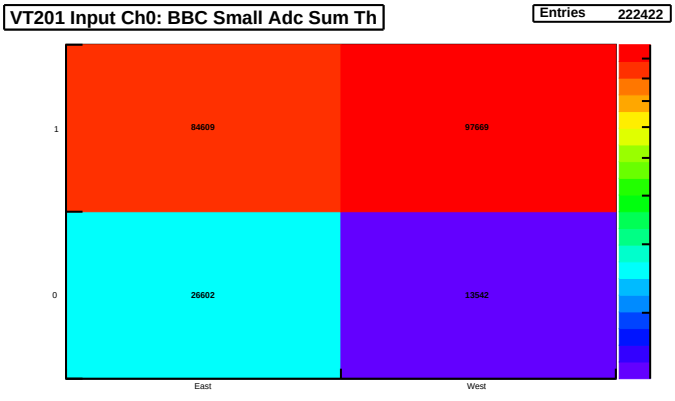

zdcWestTacVsSimu
Entries 835
Data
Simu

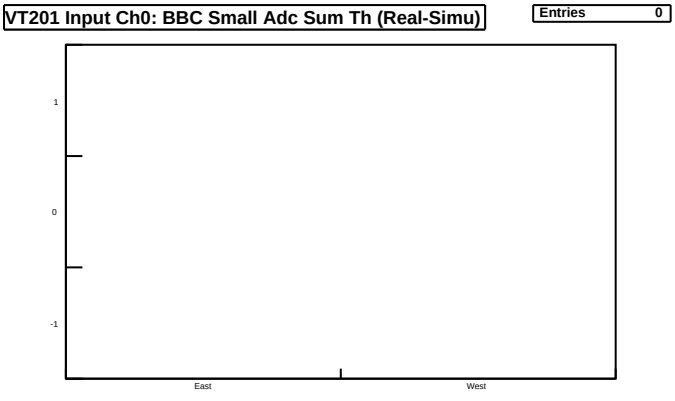

zdcAdcSum
Entries 1334532
11897
1632
6
5
2
2
27585
2096
20
18
16
15
99314
109570
111205
111206
111209
111209
83626
109115
111191
111193
111195
111196
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

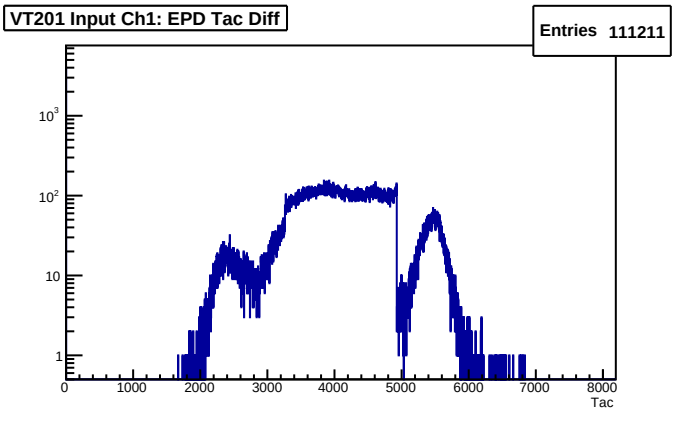

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

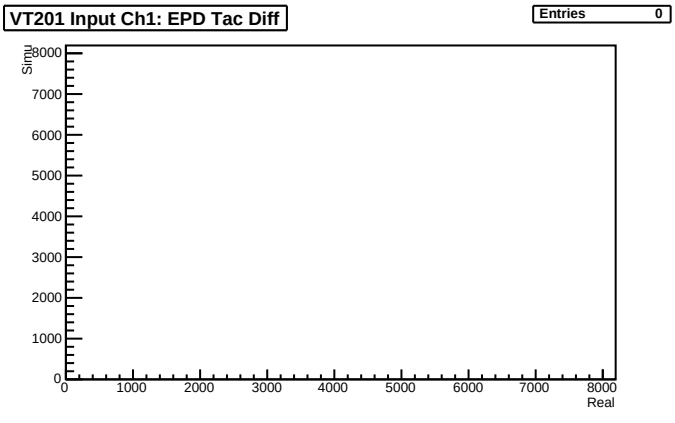

VT201 Input Ch0: BBC Small Tac Diff
Entries 111211
Tac

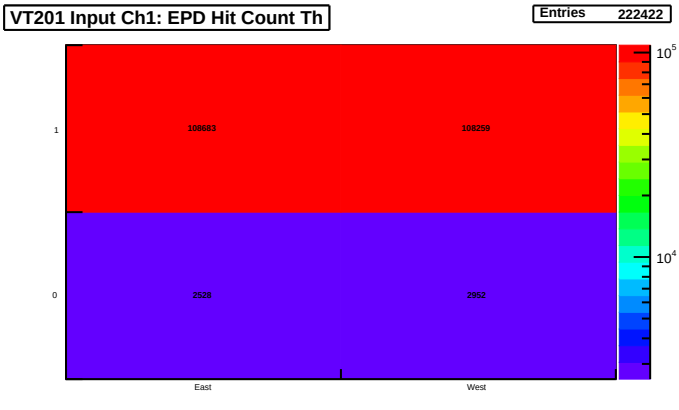

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

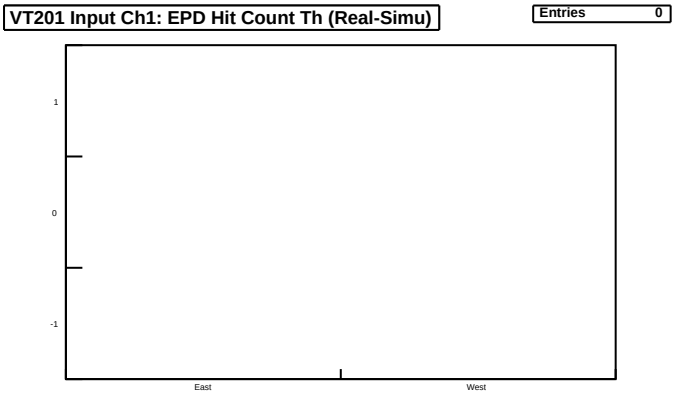

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 222422
84609
97669
26602
13542
East
West

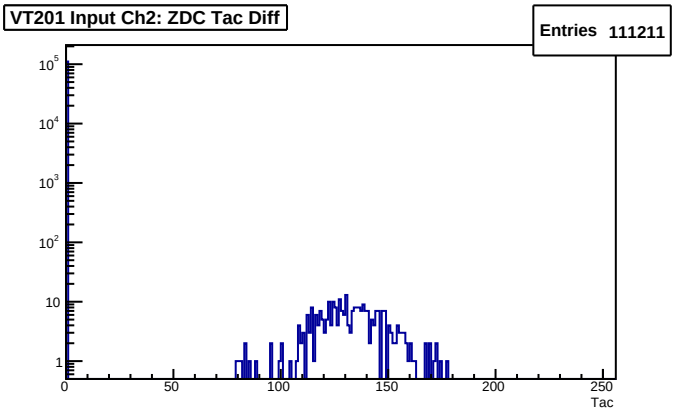

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

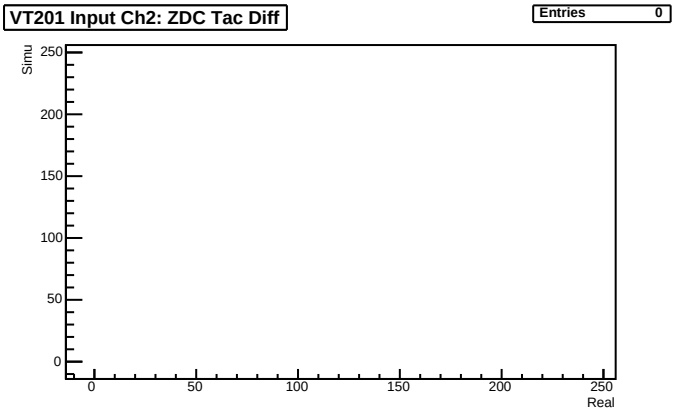

VT201 Input Ch1: EPD Tac Diff
Entries 111211
Tac

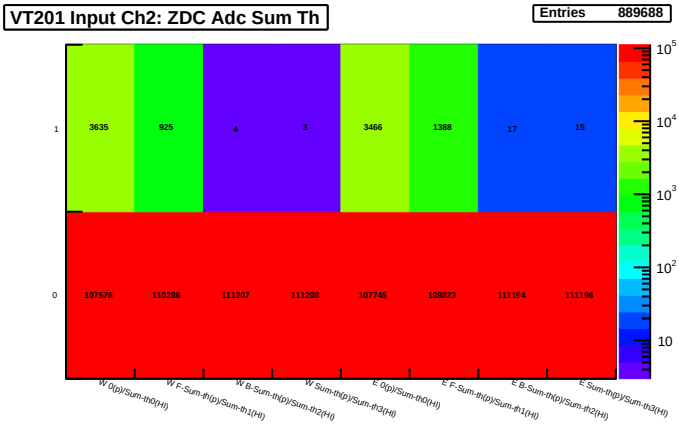

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

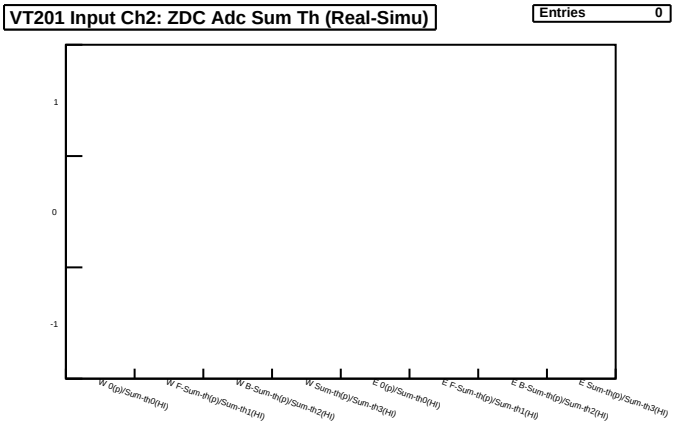

VT201 Input Ch1: EPD Hit Count Th
Entries 222422
108683
108259
2528
2952
East
West

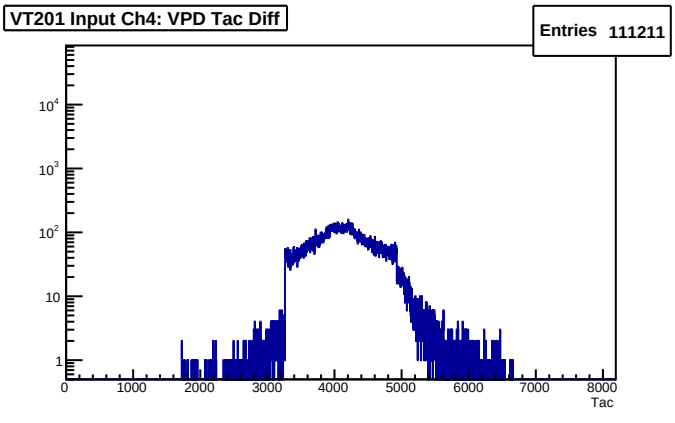

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

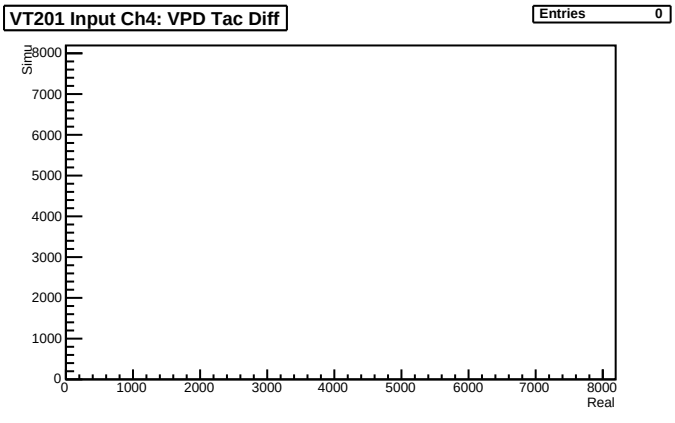

VT201 Input Ch2: ZDC Tac Diff
Entries 111211
Tac

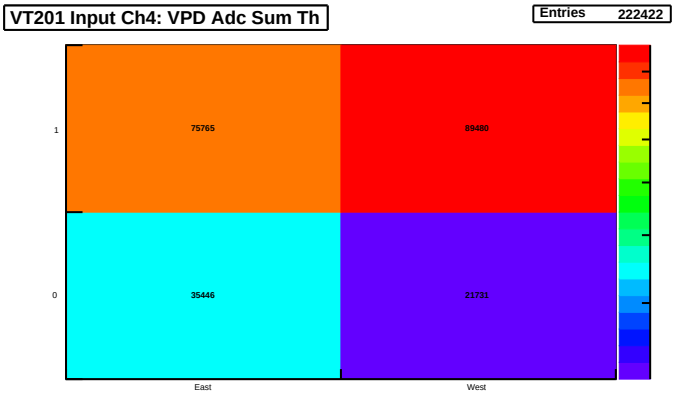

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

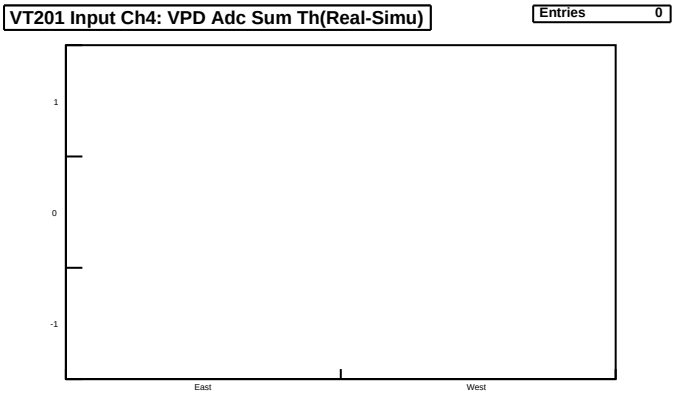

VT201 Input Ch2: ZDC Adc Sum Th
Entries 889688
3635
925
4
3
3466
1388
17
15
107576
110286
111207
111208
107745
109823
111194
111196
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

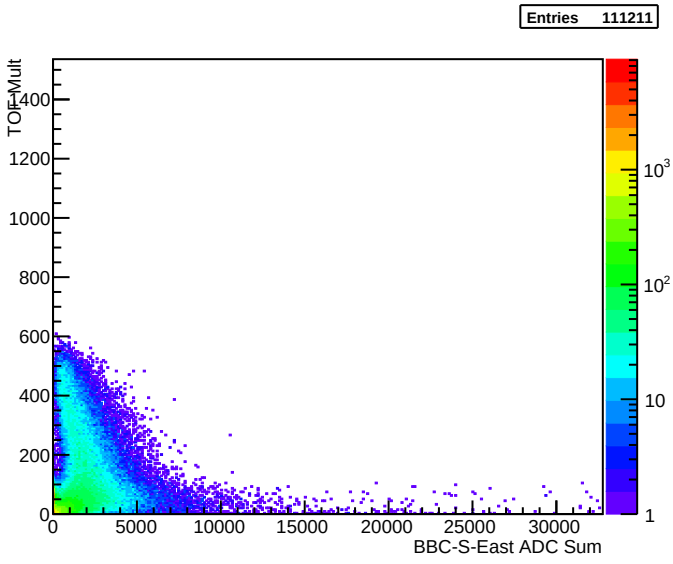

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

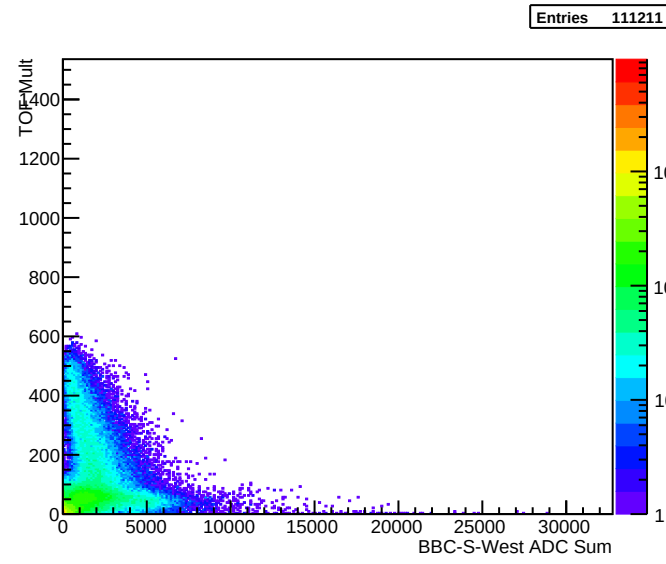

VT201 Input Ch4: VPD Tac Diff
Entries 111211
Tac

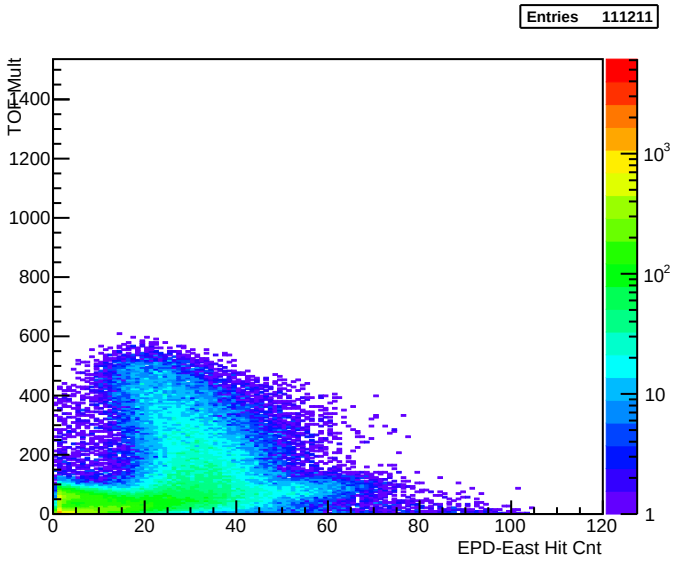

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

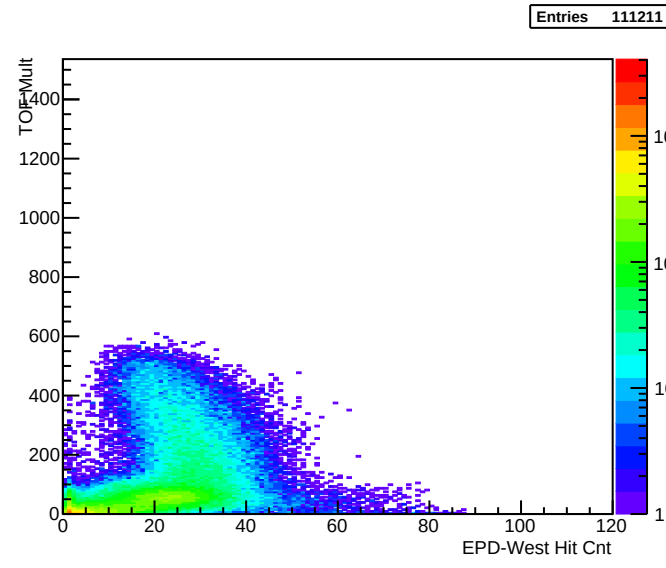

VT201 Input Ch4: VPD Adc Sum Th
Entries 222422
75765
89480
35446
21731
East
West

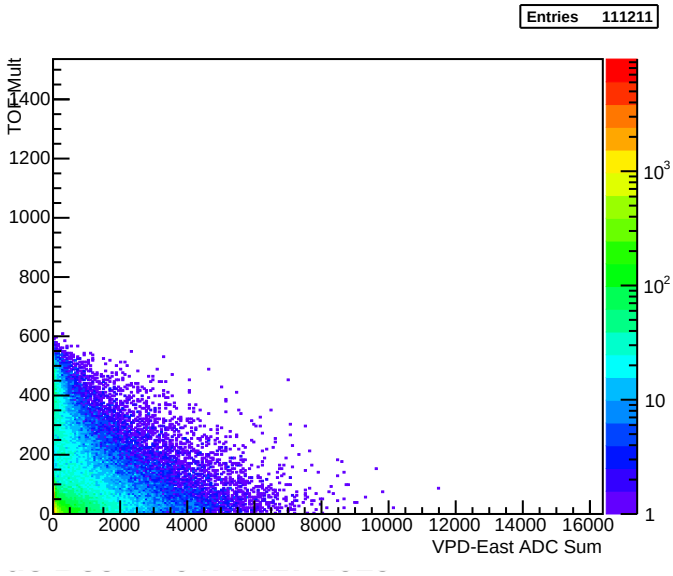

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

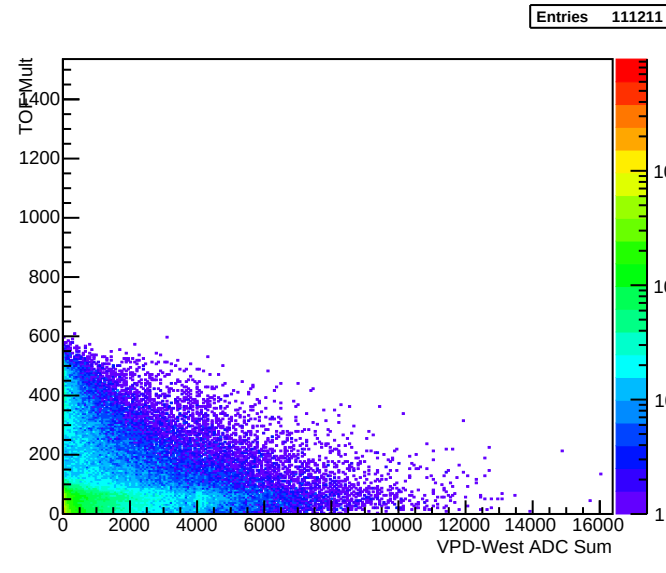

Entries 111211
TOF-Mult
BBC-S-East ADC Sum

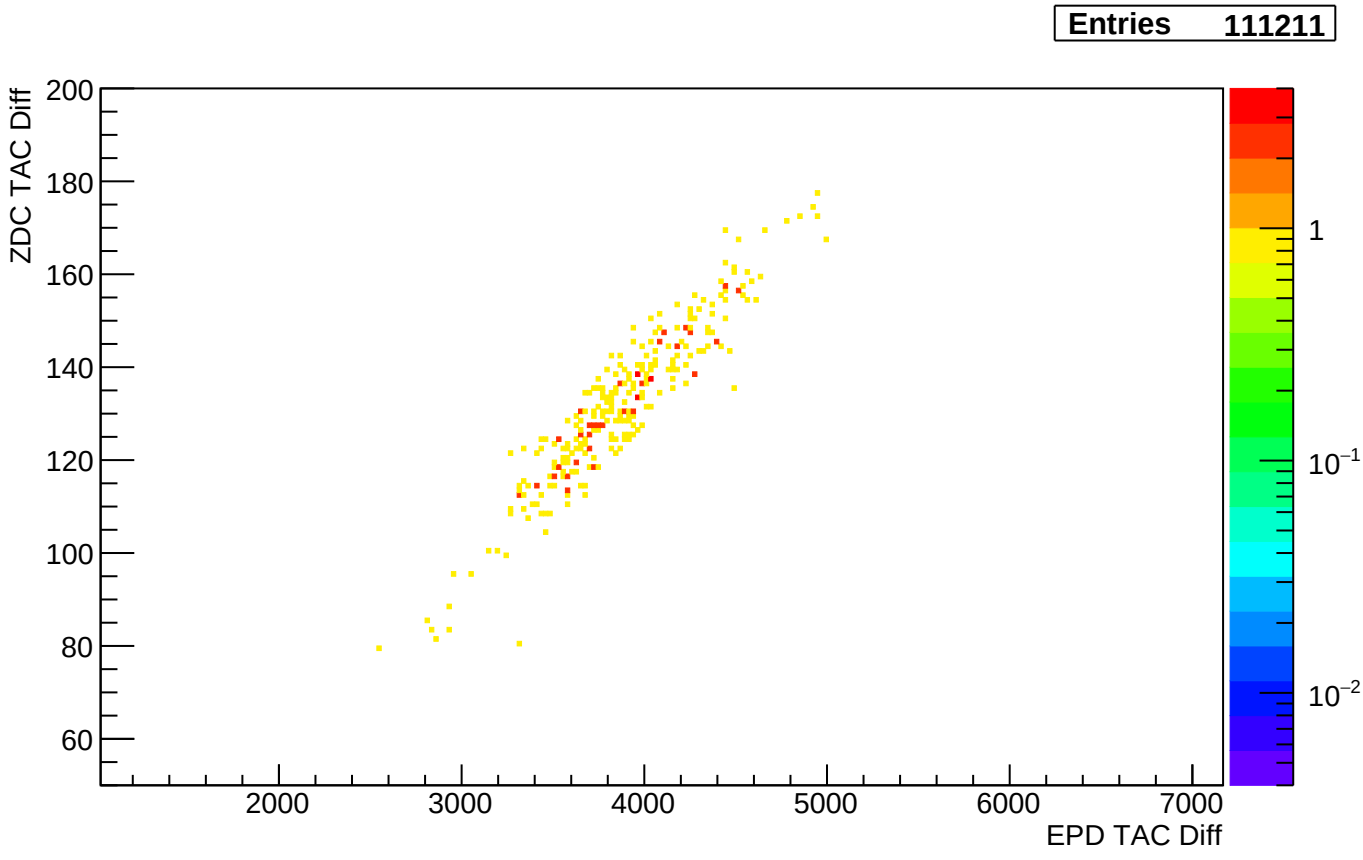

Entries 111211
TOF-Mult
BBC-S-West ADC Sum

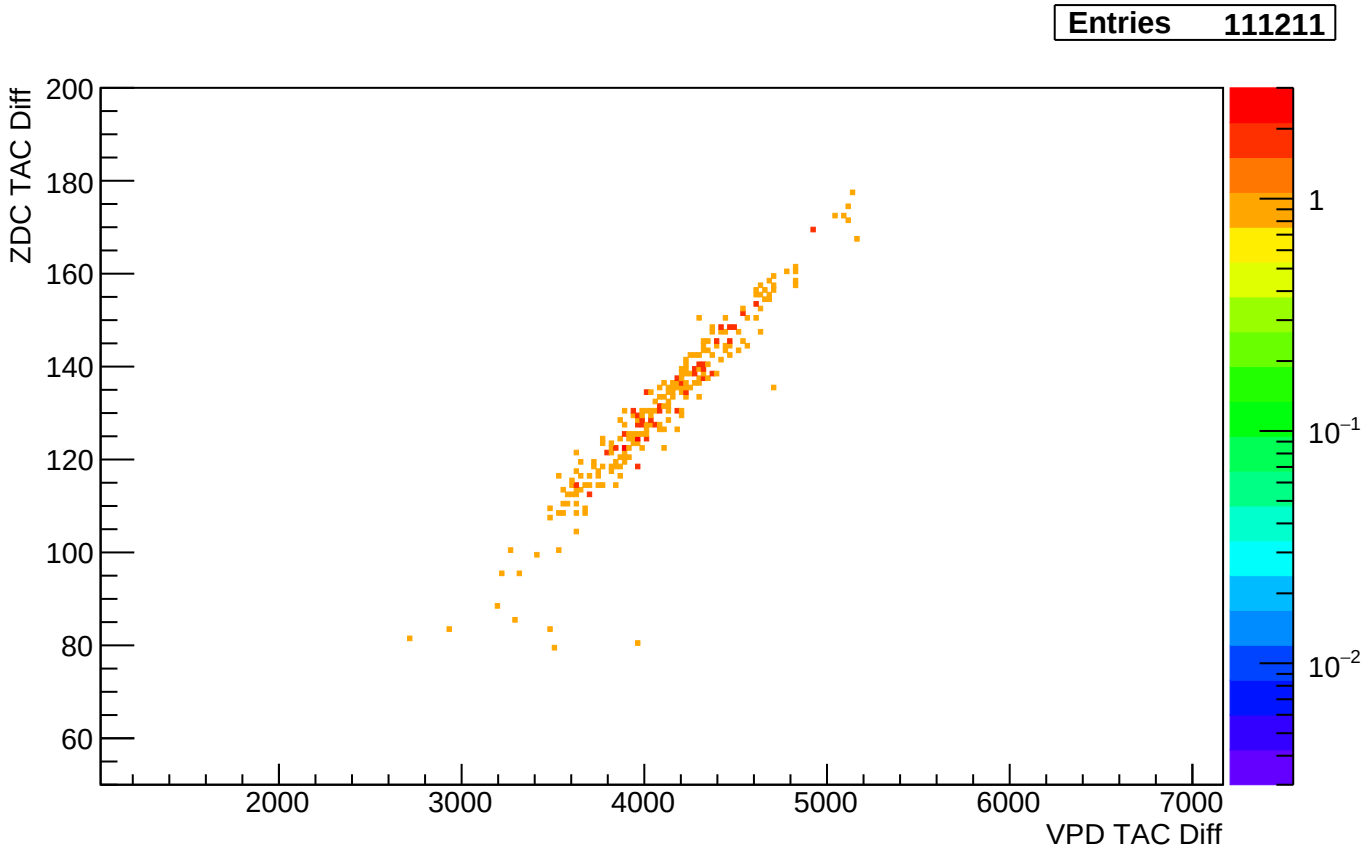

Entries 111211
TOF-Mult
EPD-East Hit Cnt

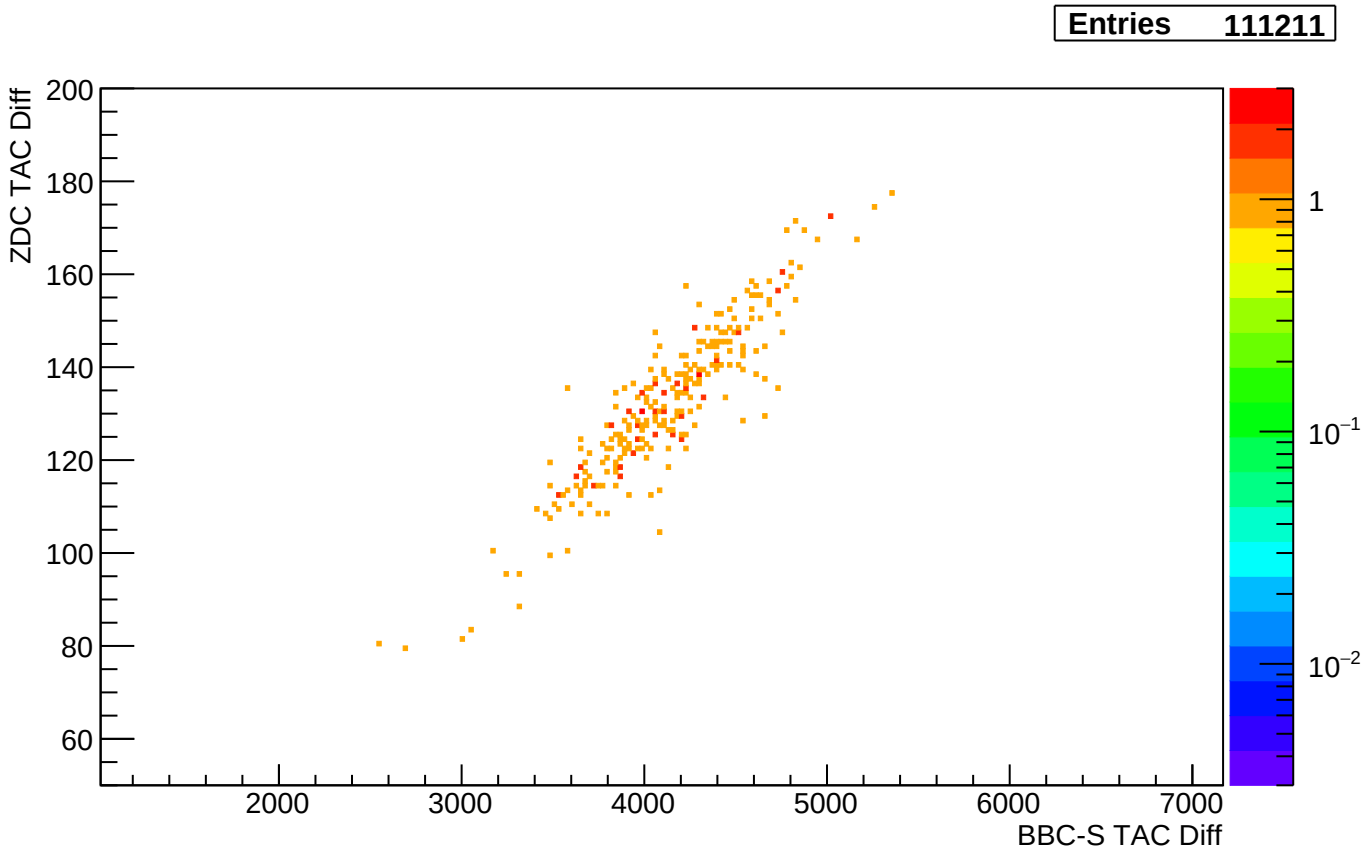

Entries 111211
TOF-Mult
EPD-West Hit Cnt

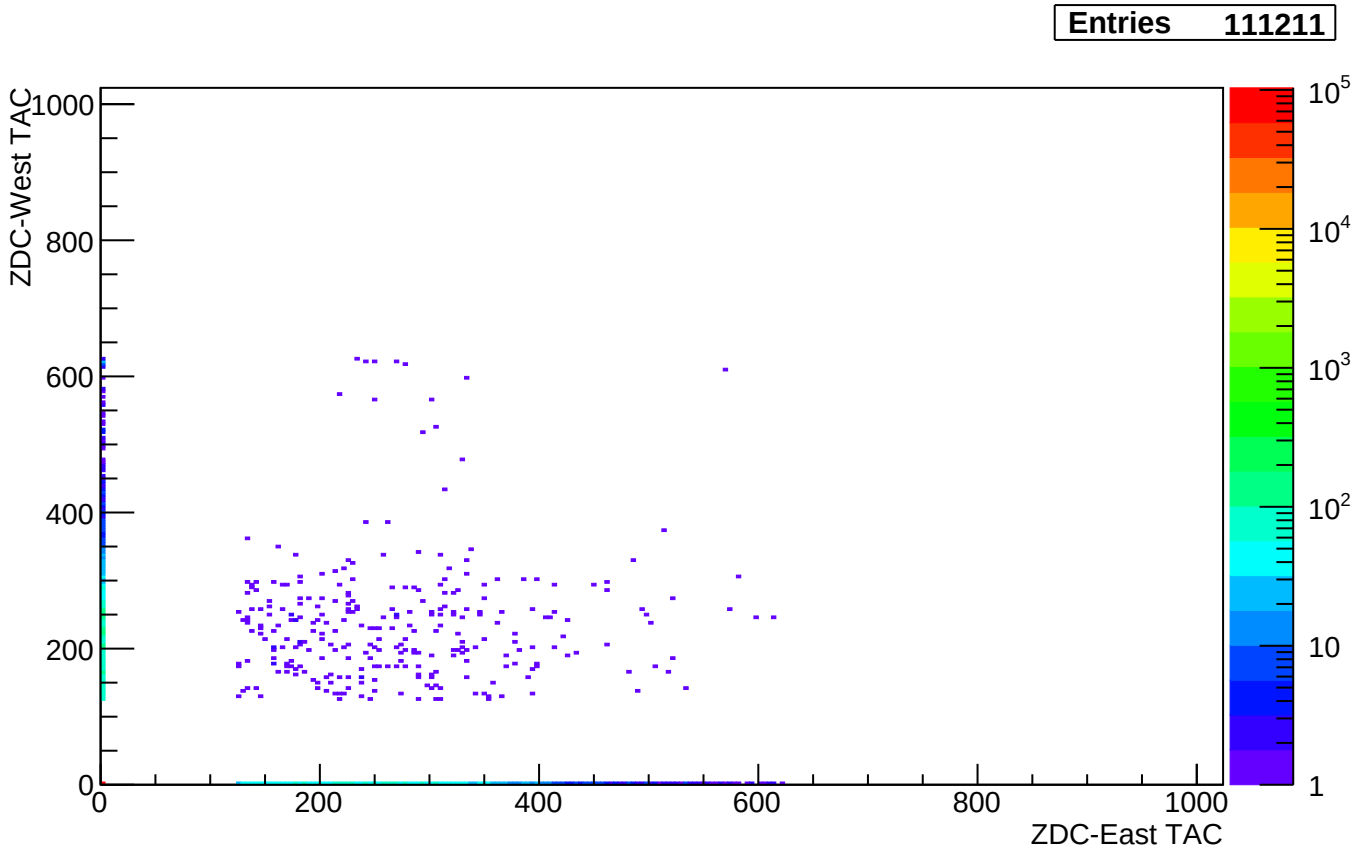

Entries 111211
TOF-Mult
VPD-East ADC Sum

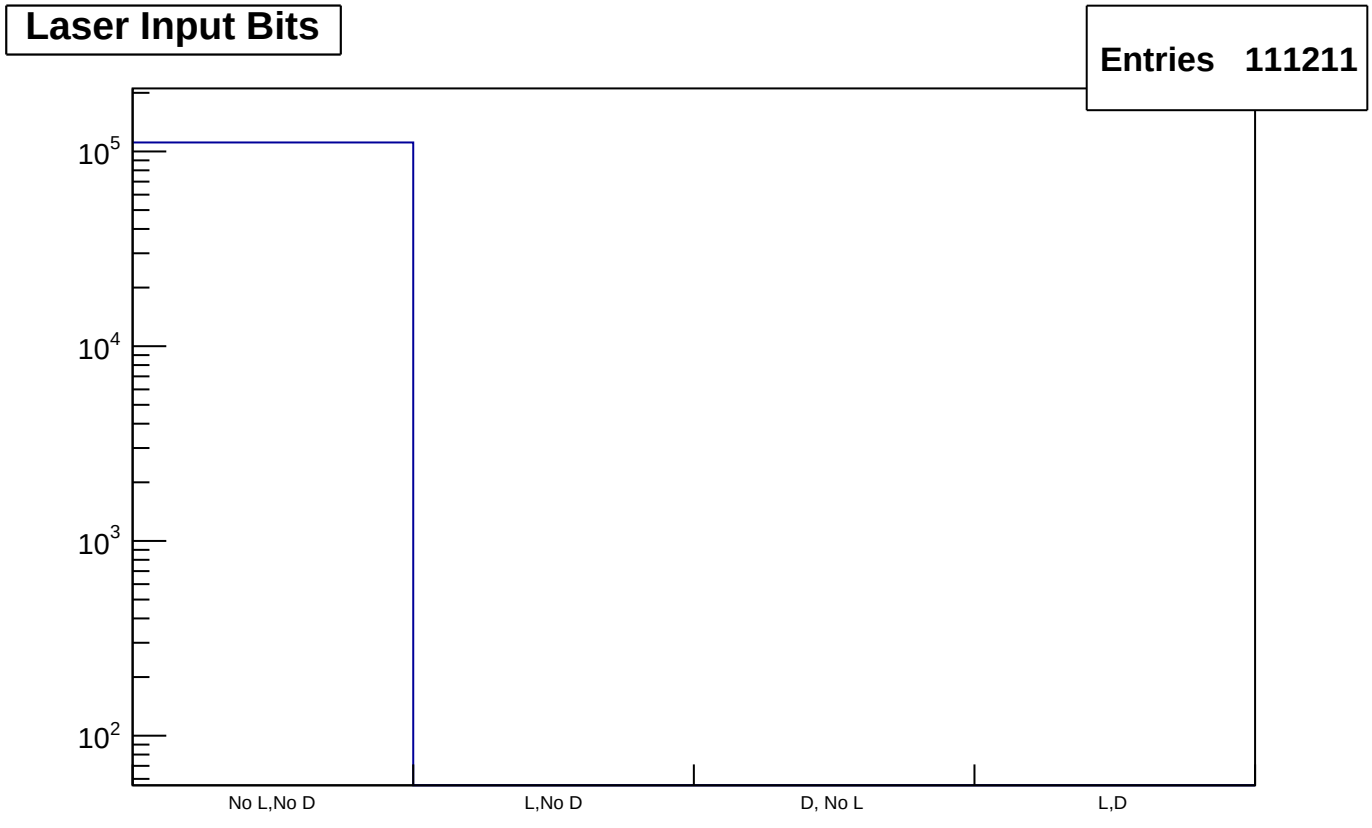

Entries 111211
TOF-Mult
VPD-West ADC Sum

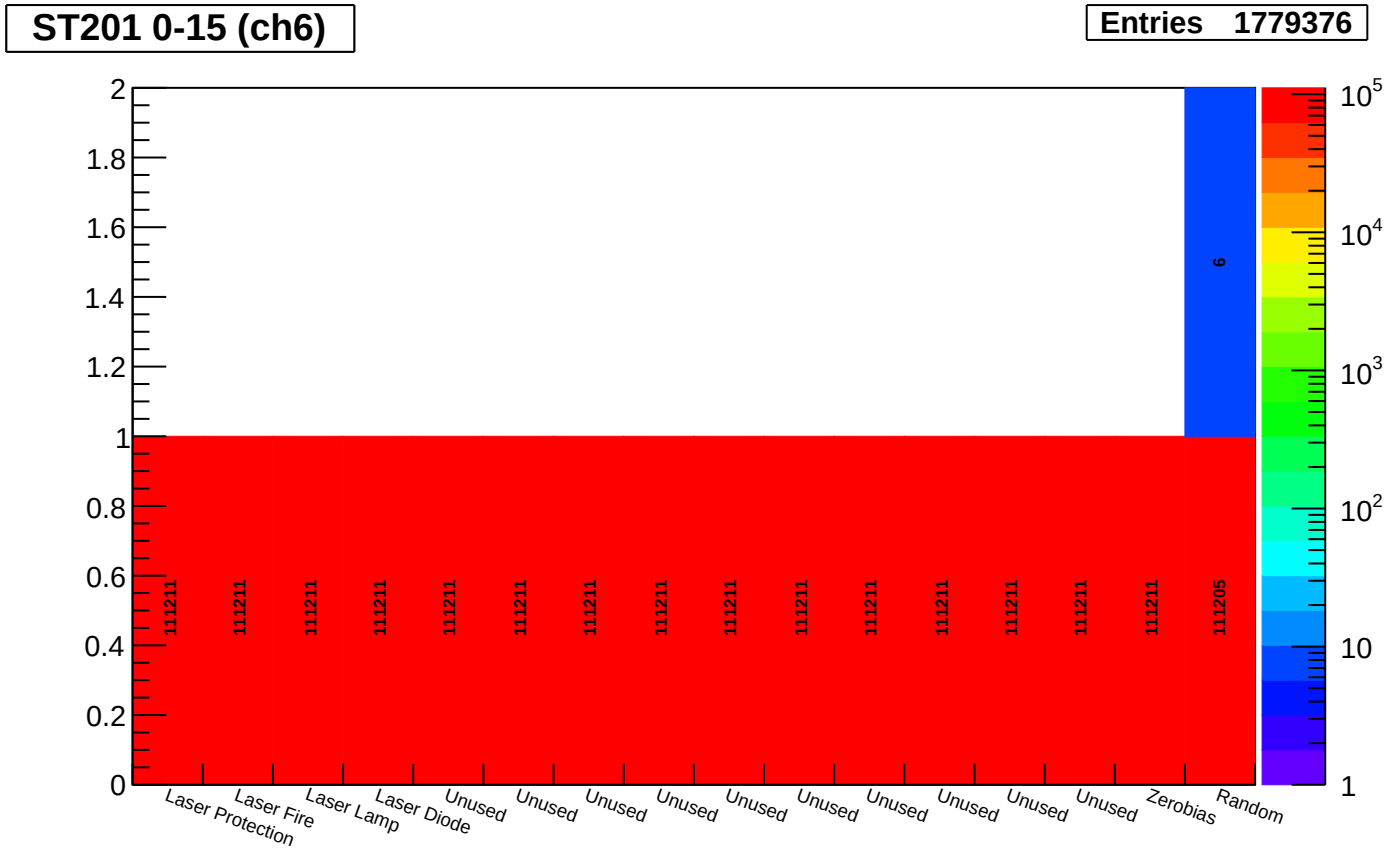

Entries 111211
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

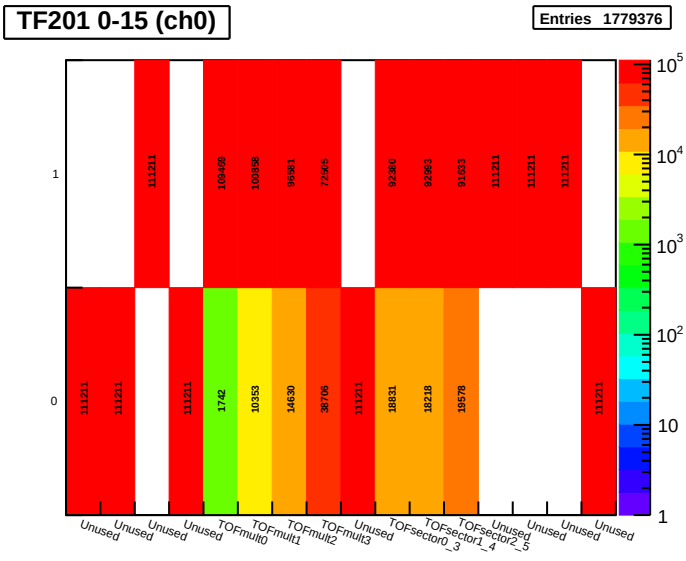

Entries 111211
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

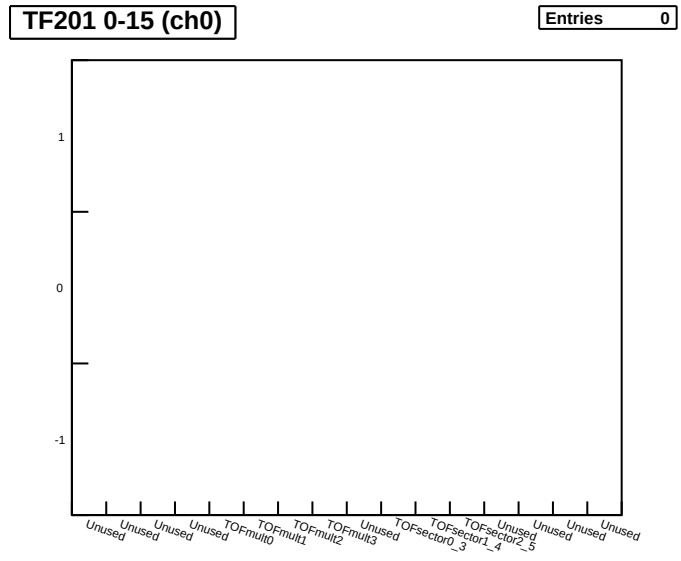

Entries 111211
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

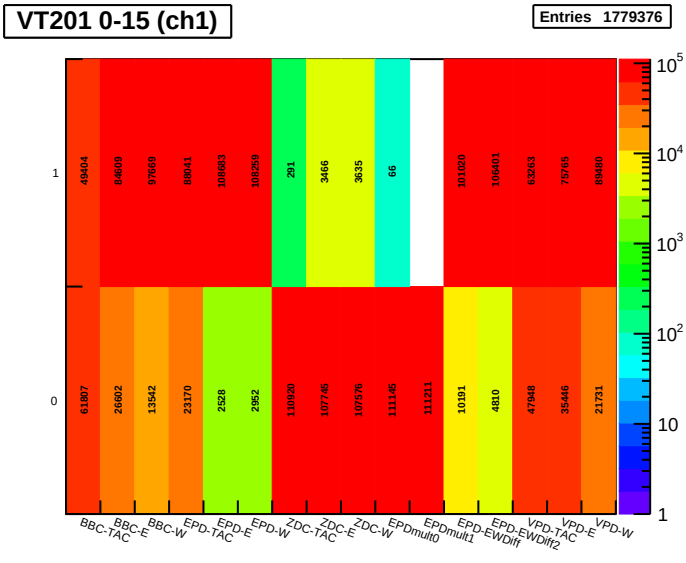

Entries 111211
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

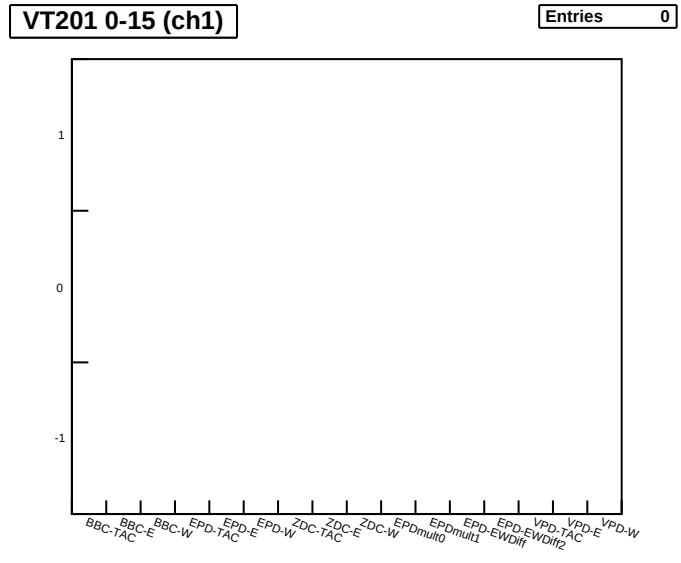

Laser Input Bits
Entries 111211
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

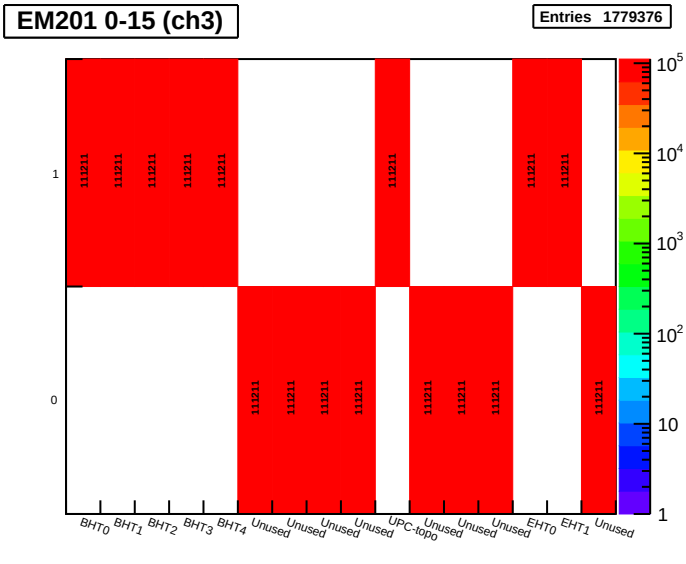

ST201 0-15 (ch6)
Entries 1779376
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
111211
111205
9
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

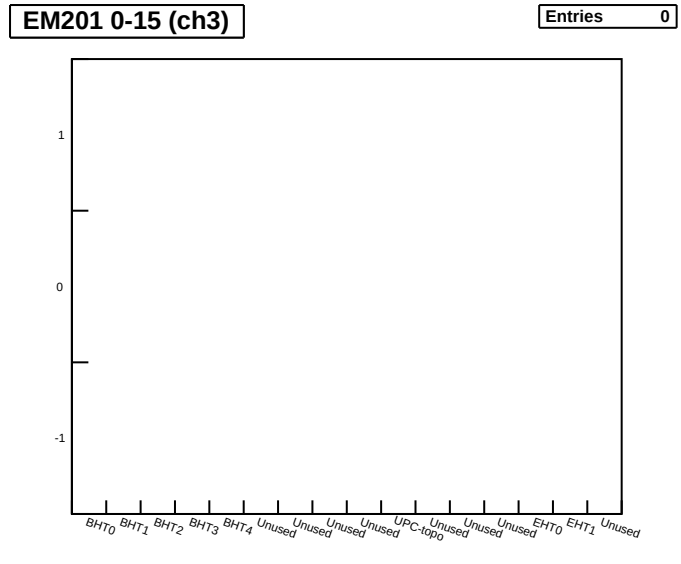

TF201 0-15 (ch0)
Entries 1779376
1
0
111211
109469
100858
96581
72505
92380
92993
91633
111211
111211
111211
111211
111211
111211
1742
10353
14630
39706
111211
18831
18218
19578
111211
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 1779376
1
0
49404
84609
97669
89041
108633
108259
291
3466
3635
66
101020
106401
63263
75765
89480
61807
26602
13542
23170
2528
2952
110920
107745
107576
111145
111211
10191
4810
47948
35446
21731
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 1779376
1
0
111211
111211
111211
111211
111211
111211
111211
111211
111211
111211
111211
111211
111211
111211
111211
111211
111211
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