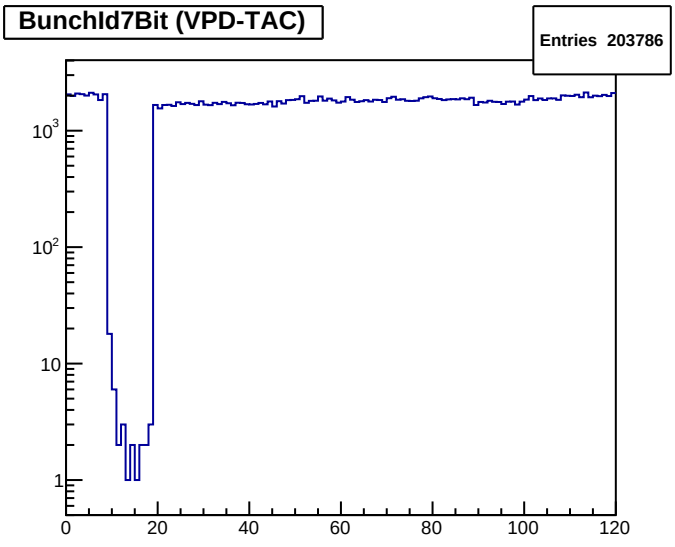
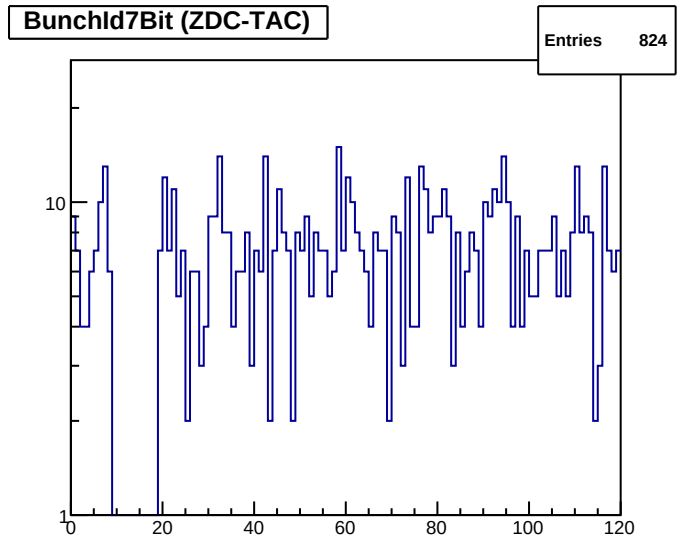
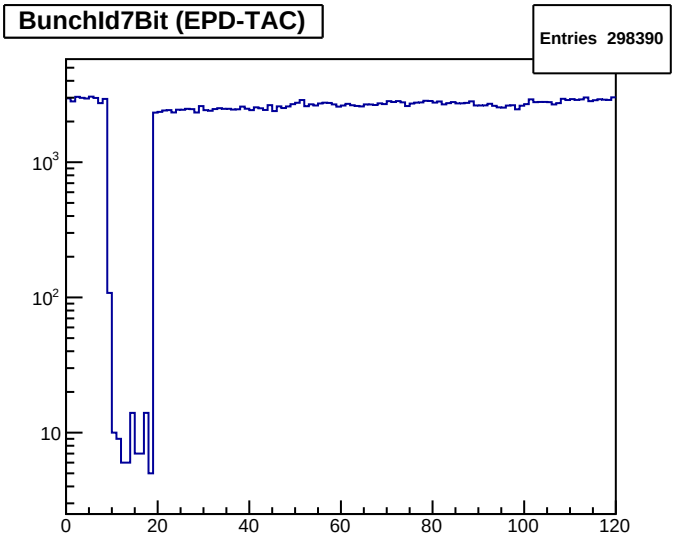
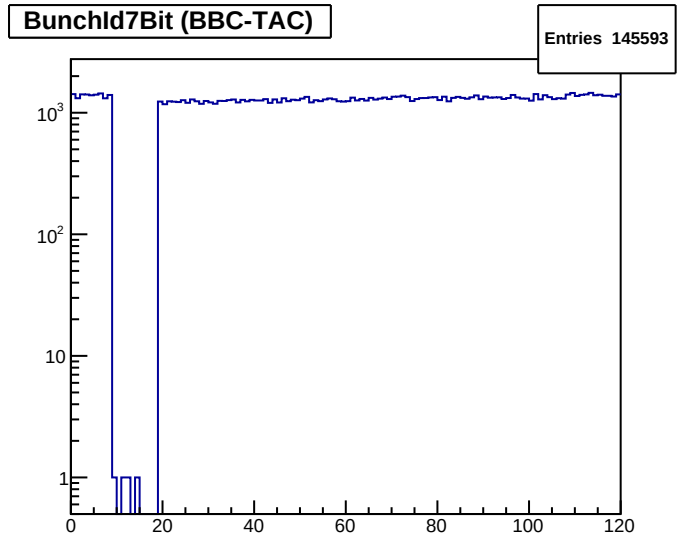
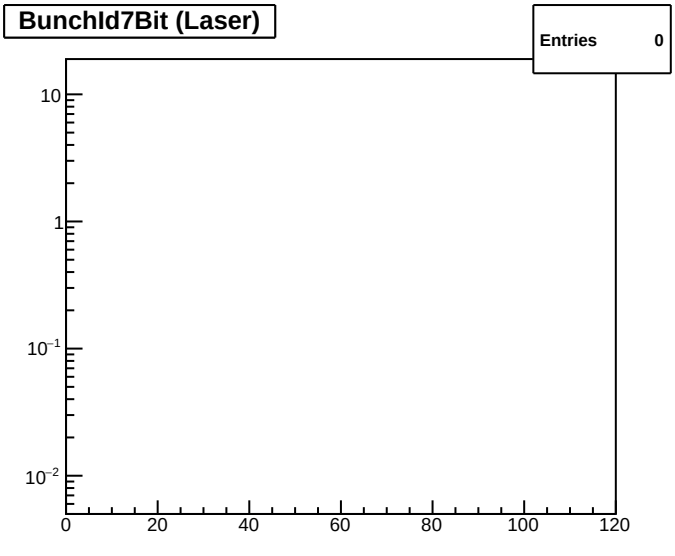
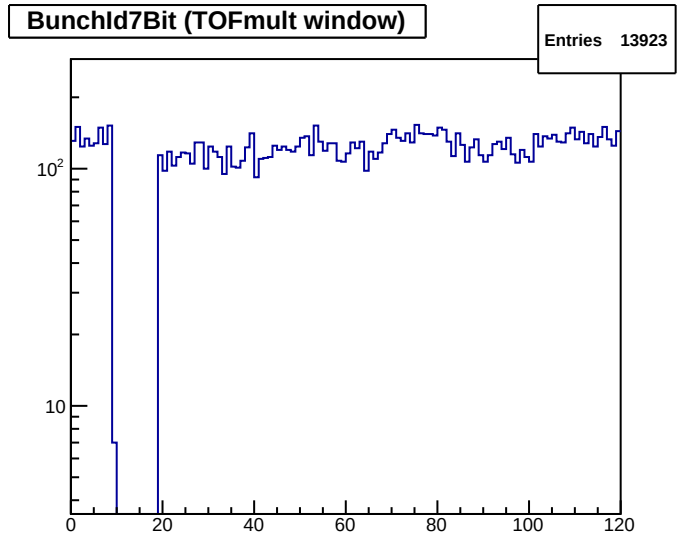

BunchId7Bit (VPD-TAC)
Entries 203786

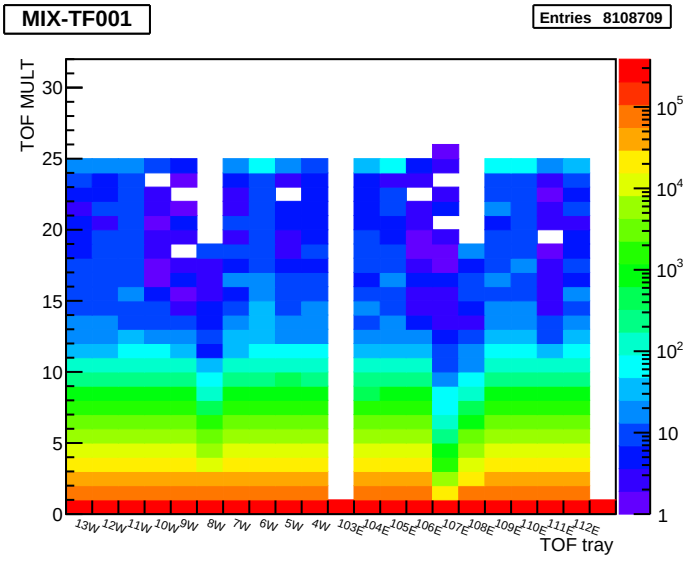

BunchId7Bit (ZDC-TAC)
Entries 824

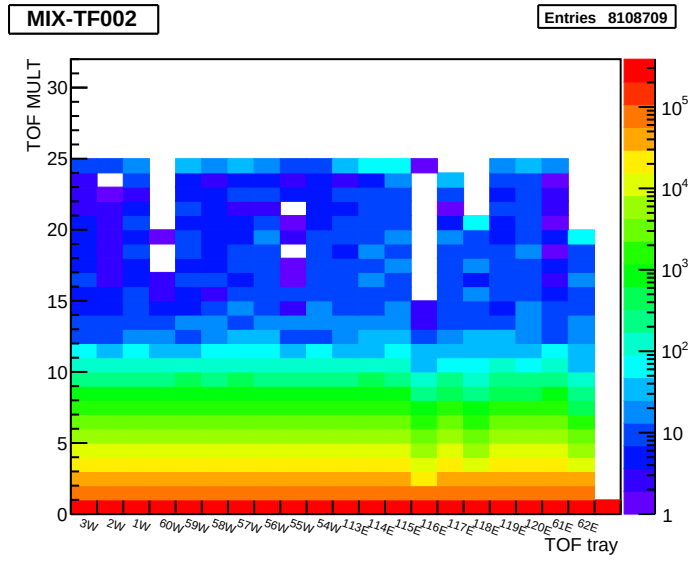

BunchId7Bit (EPD-TAC)
Entries 298390

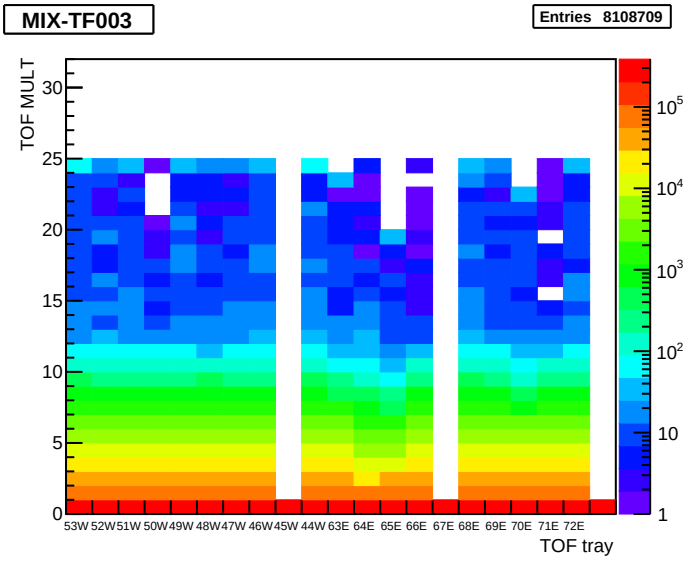

BunchId7Bit (BBC-TAC)
Entries 145593

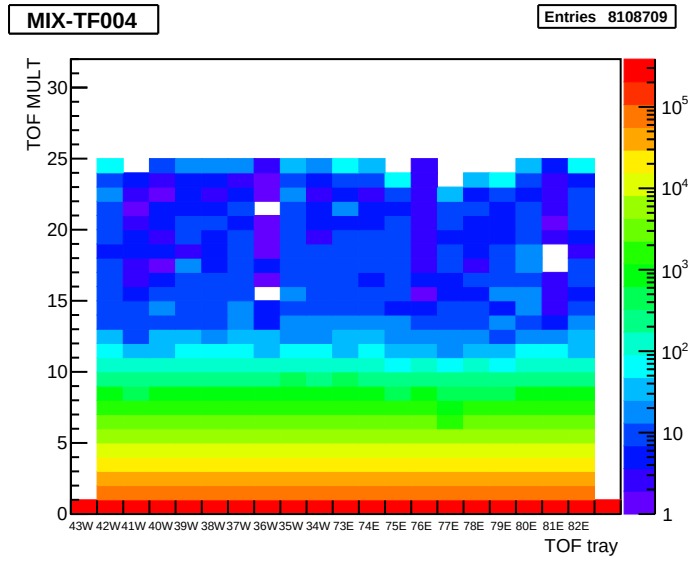

BunchId7Bit (Laser)
Entries 0

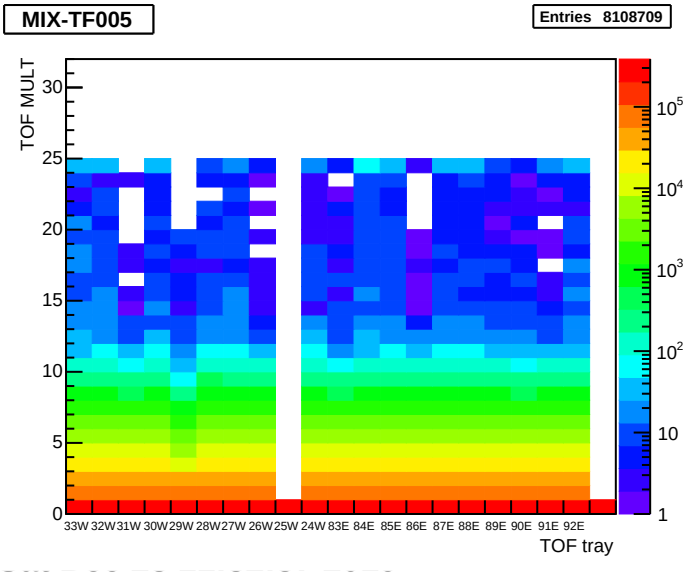

BunchId7Bit (TOFmult window)
Entries 13923

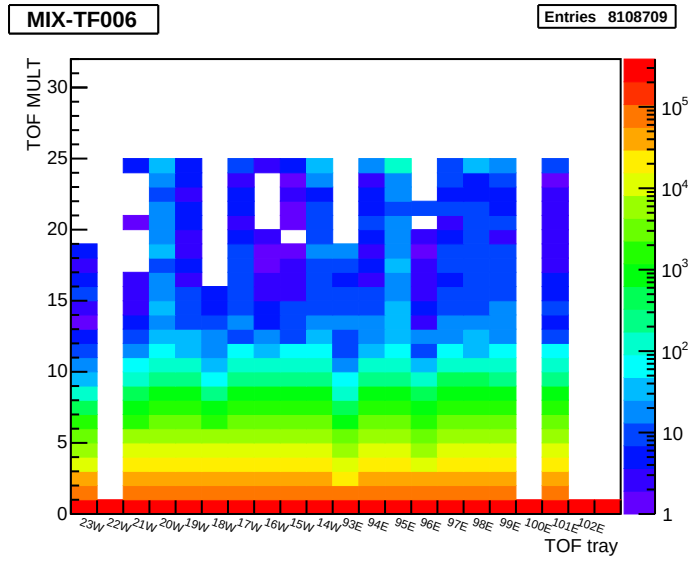

MIX-TF001
Entries 8108709
TOF MULT
TOF tray

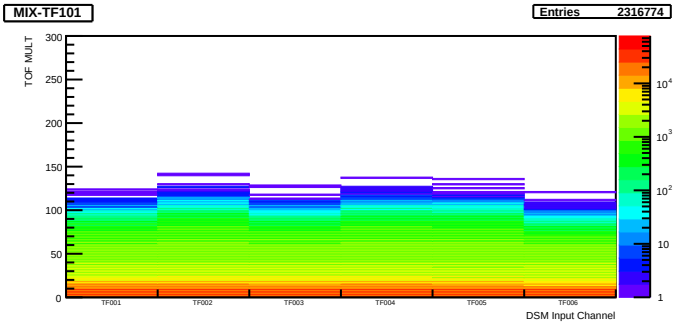

MIX-TF002
Entries 8108709
TOF MULT
TOF tray

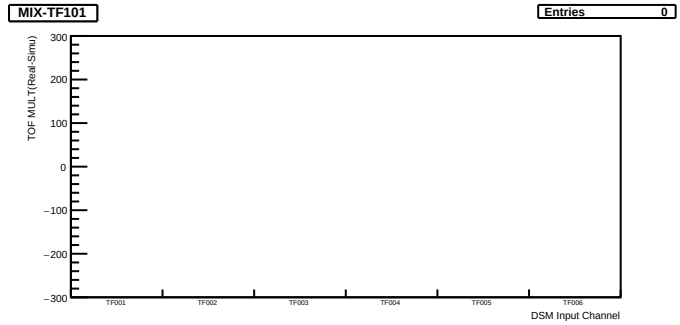

MIX-TF003
Entries 8108709
TOF MULT
TOF tray

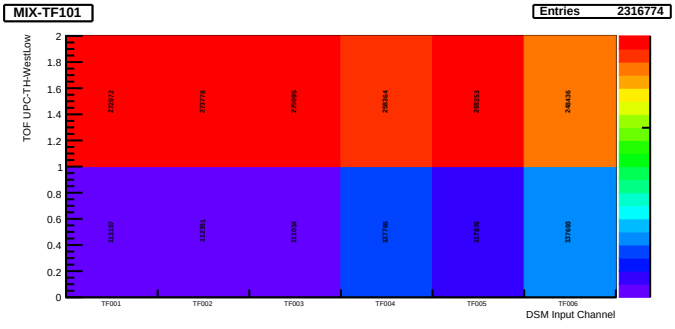

MIX-TF004
Entries 8108709
TOF MULT
TOF tray

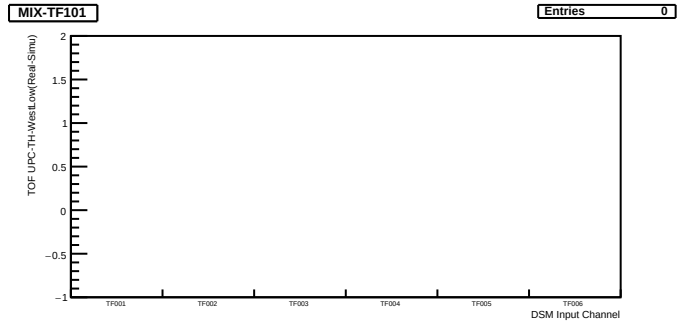

MIX-TF005
Entries 8108709
TOF MULT
TOF tray

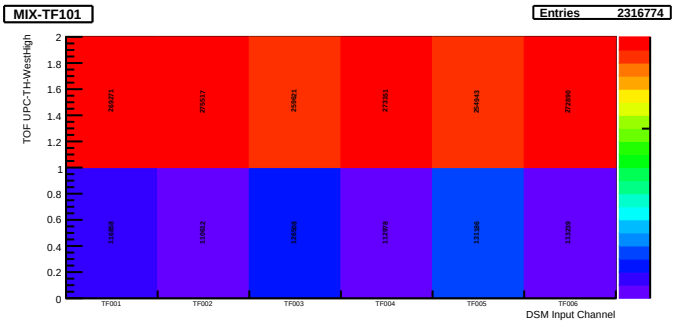

MIX-TF006
Entries 8108709
TOF MULT
TOF tray

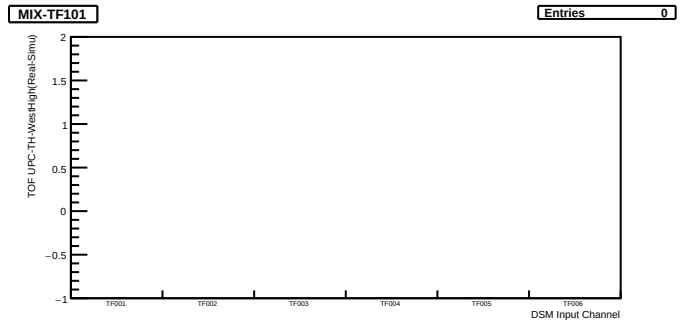

MIX-TF101
Entries 2316774
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

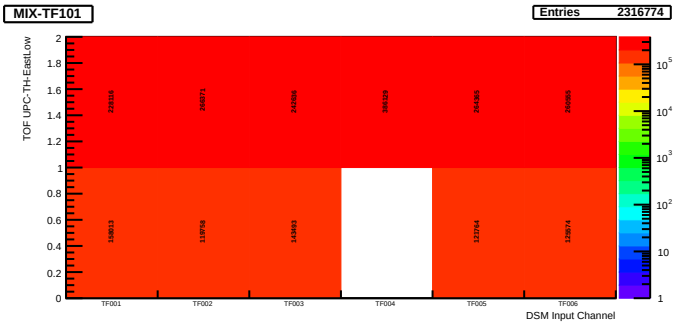

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

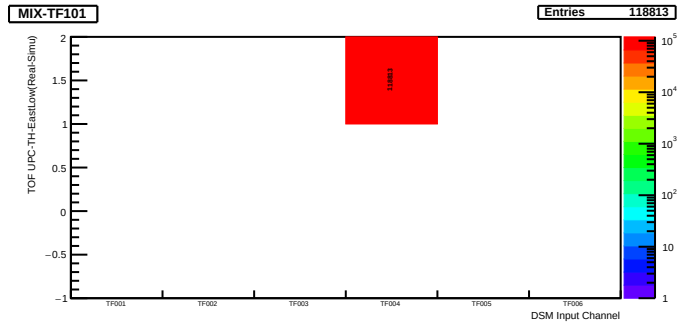

MIX-TF101
Entries 2316774
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

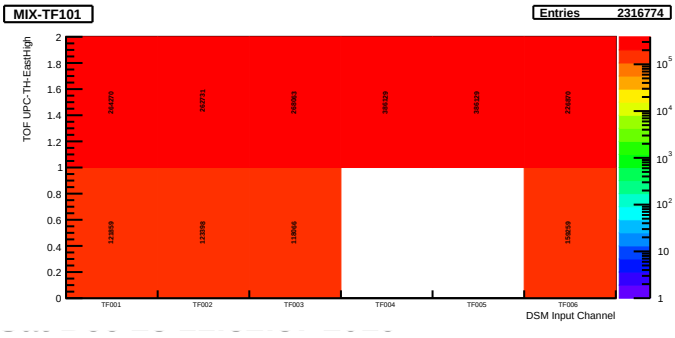

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

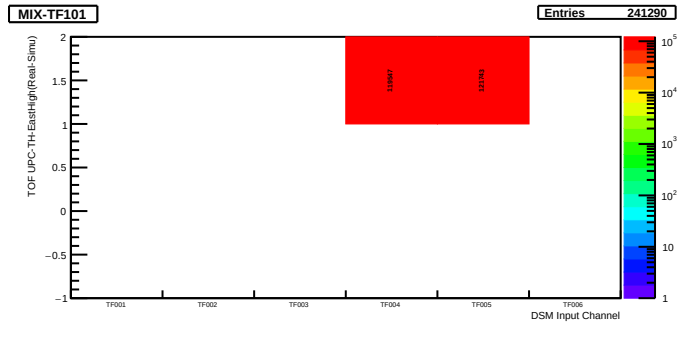

MIX-TF101
Entries 2316774
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

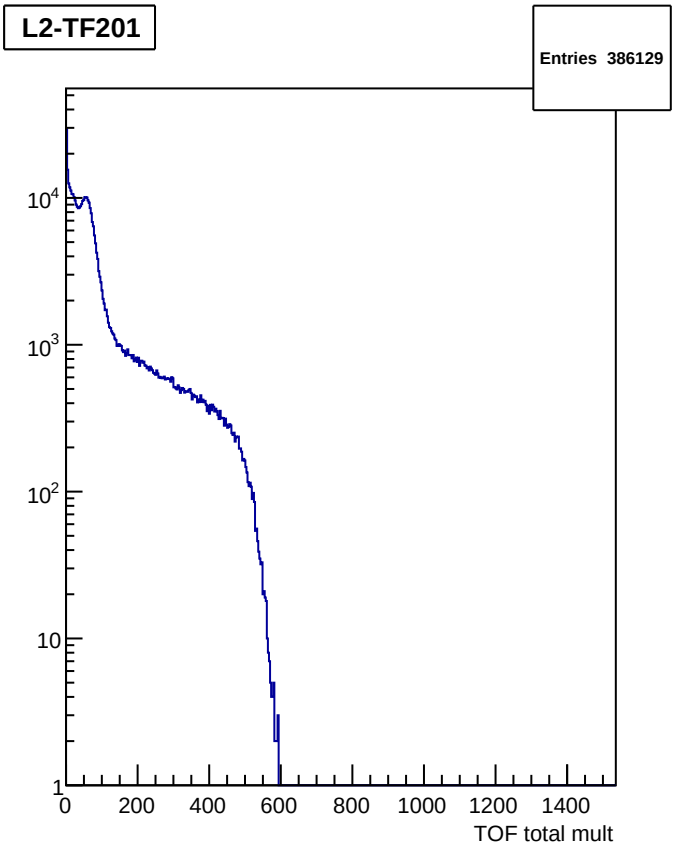

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

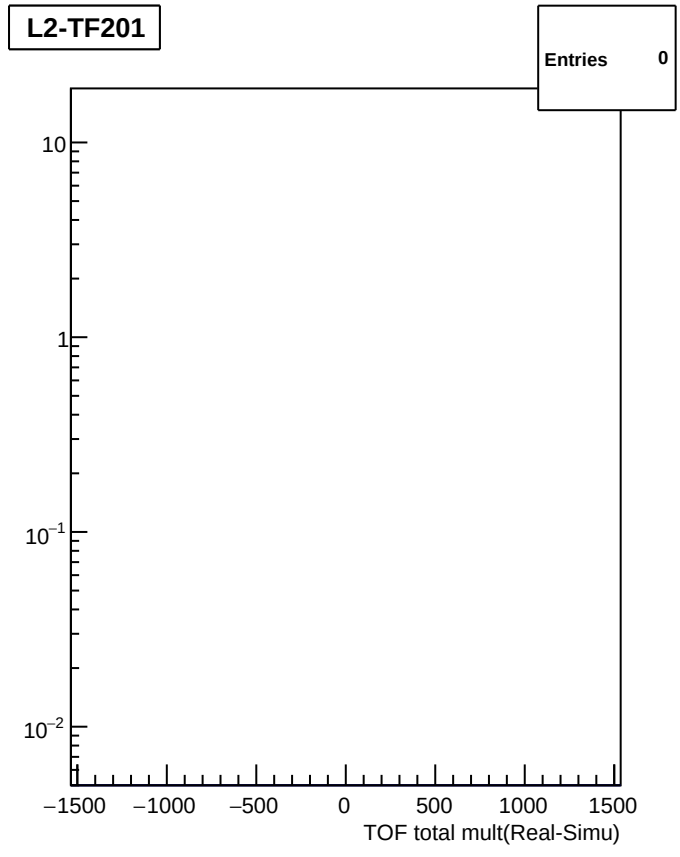

MIX-TF101
Entries 2316774
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

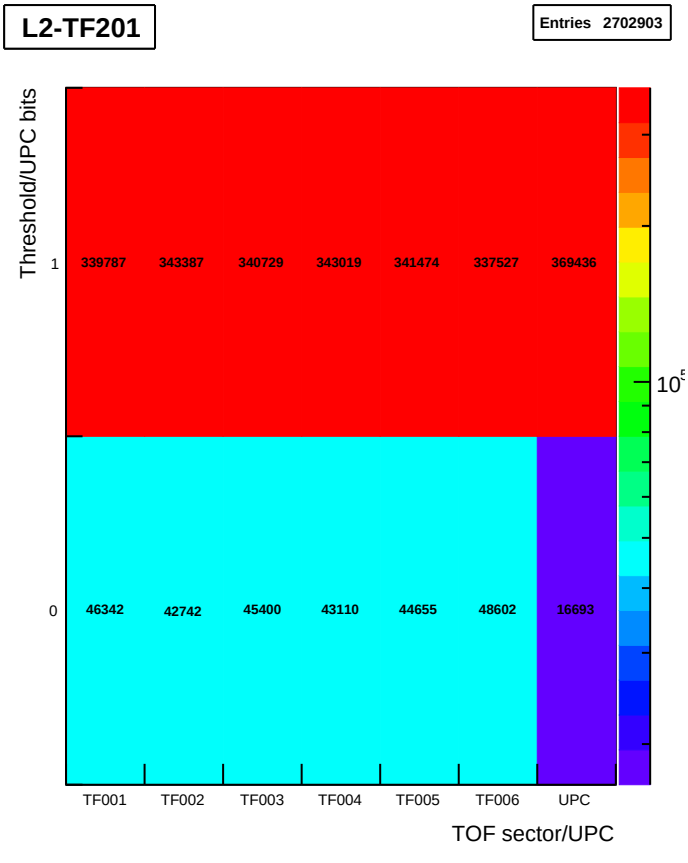

MIX-TF101
Entries 118813
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

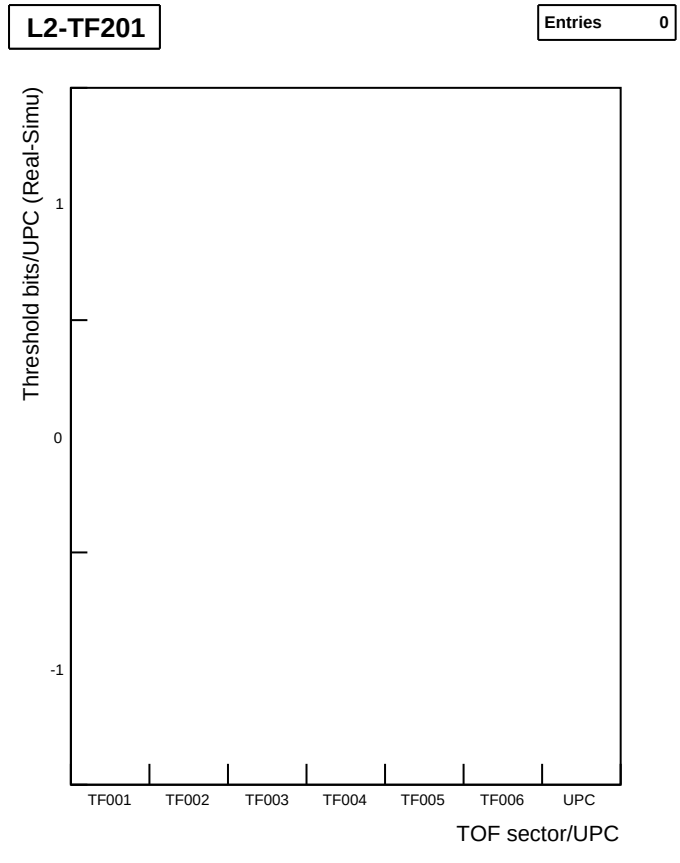

MIX-TF101
Entries 2316774
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

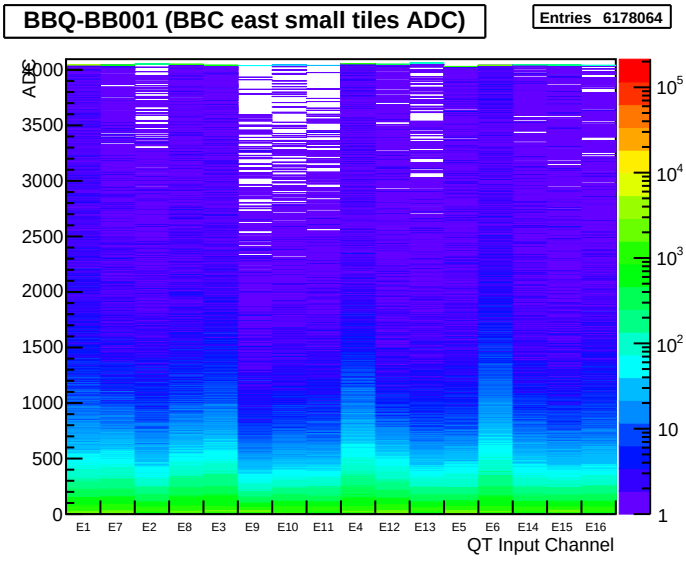

MIX-TF101
Entries 241290
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

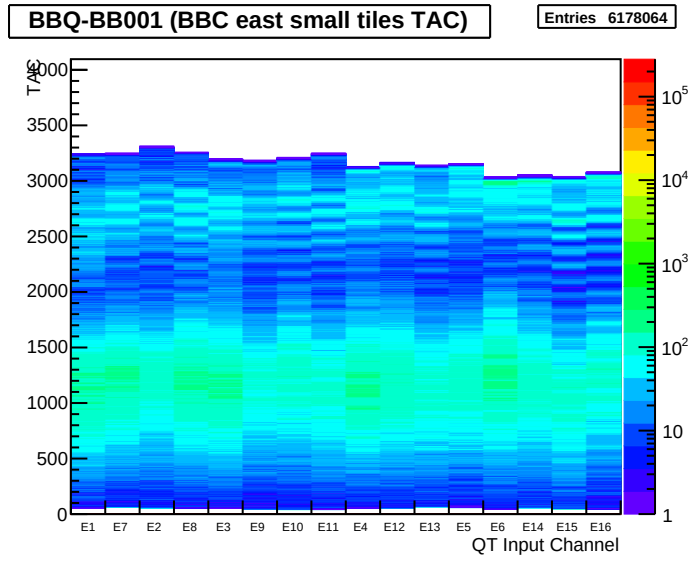

L2-TF201
Entries 386129
TOF total mult

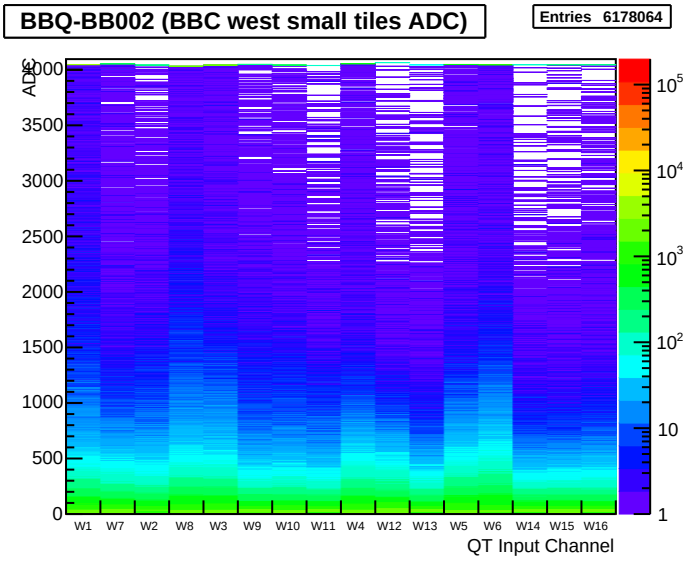

L2-TF201
Entries 0
TOF total mult(Real-Simu)

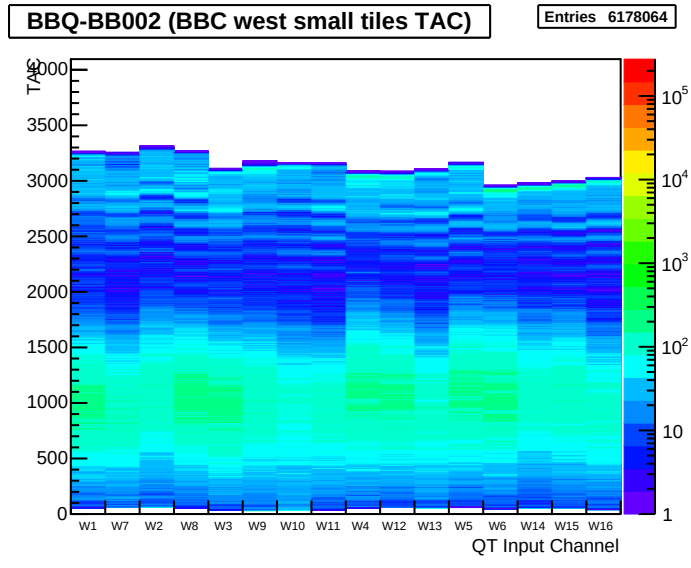

L2-TF201
Entries 2702903
Threshold/UPC bits
339787
343387
340729
343019
341474
337527
369436
46342
42742
45400
43110
44655
48602
16693
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

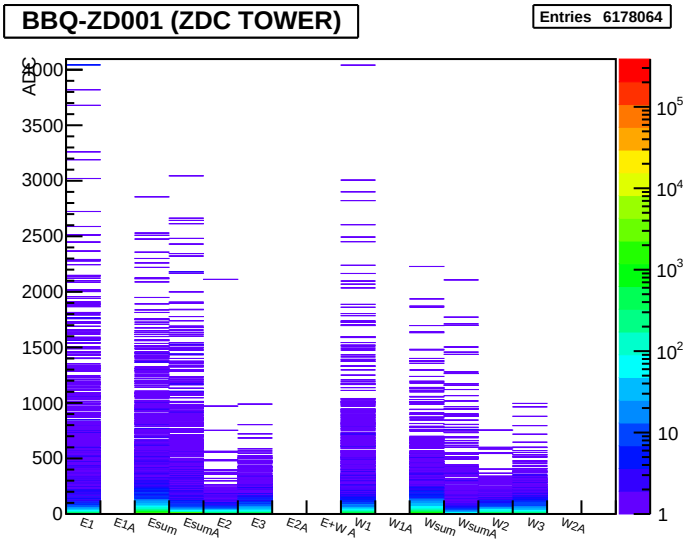

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

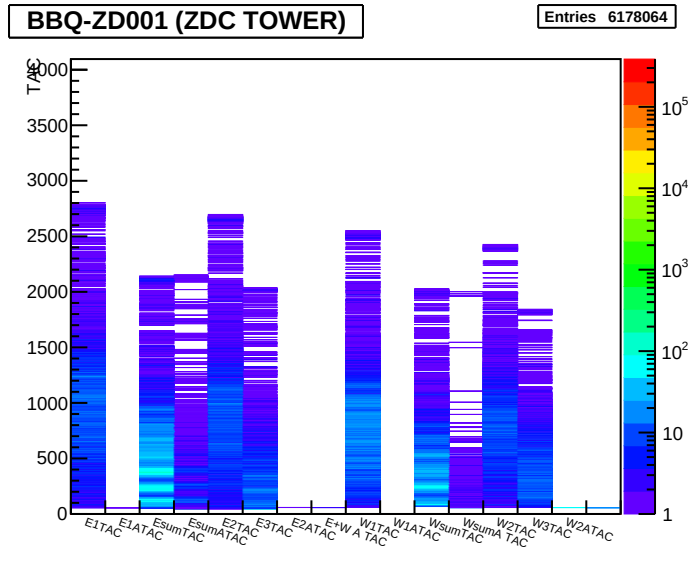

BBQ-BB001 (BBC east small tiles ADC)
Entries 6178064
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

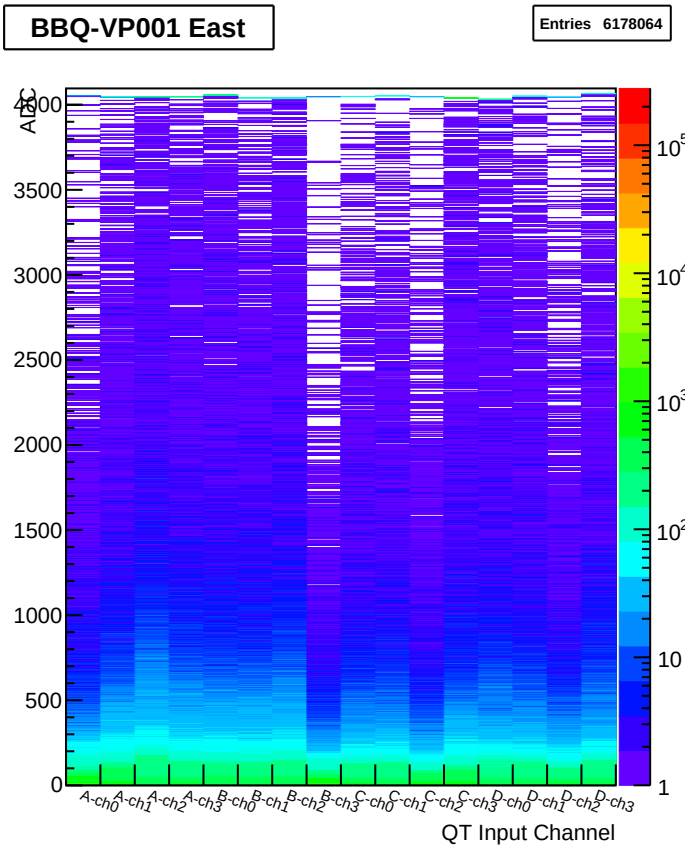

BBQ-BB001 (BBC east small tiles TAC)
Entries 6178064
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

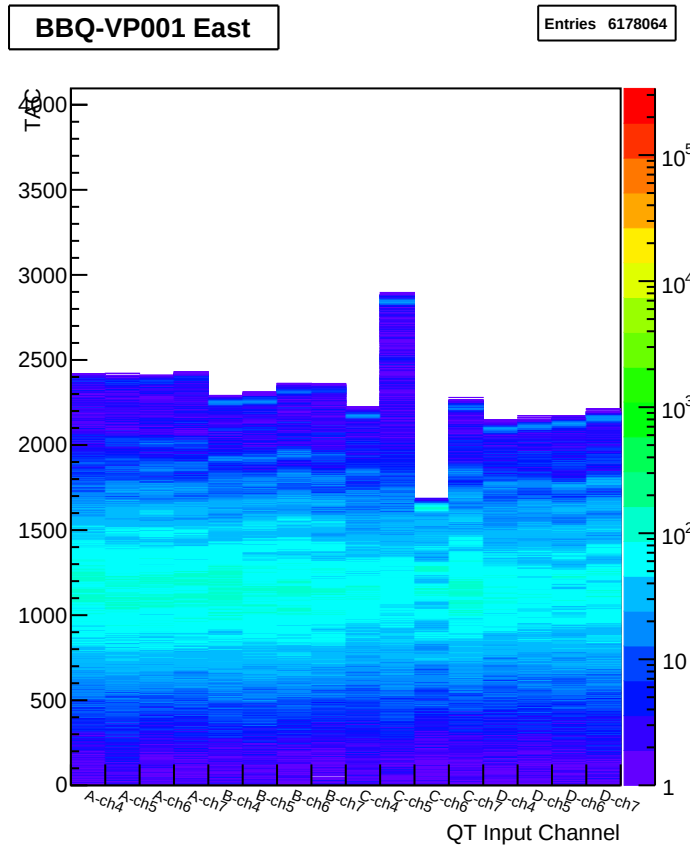

BBQ-BB002 (BBC west small tiles ADC)
Entries 6178064
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

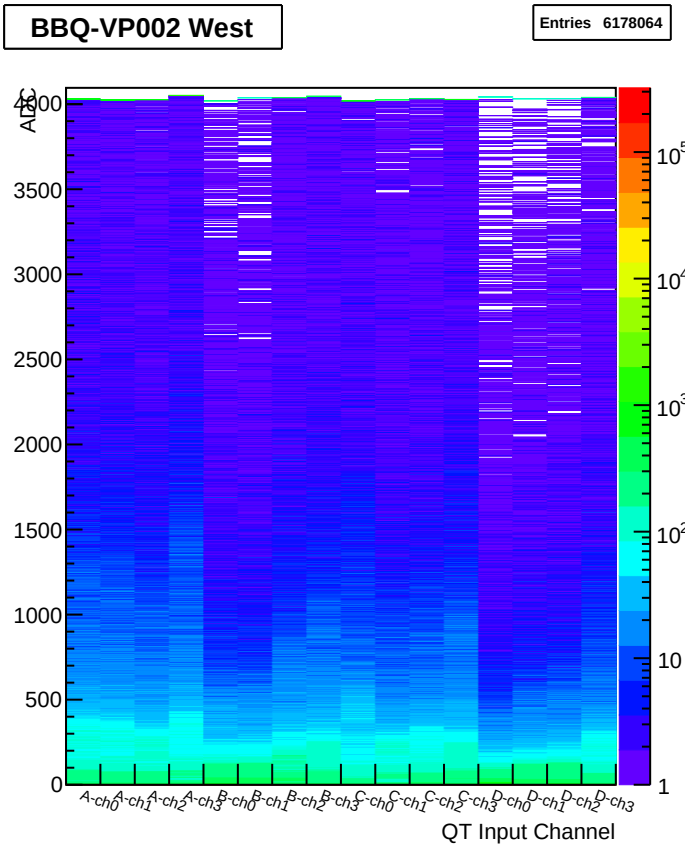

BBQ-BB002 (BBC west small tiles TAC)
Entries 6178064
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

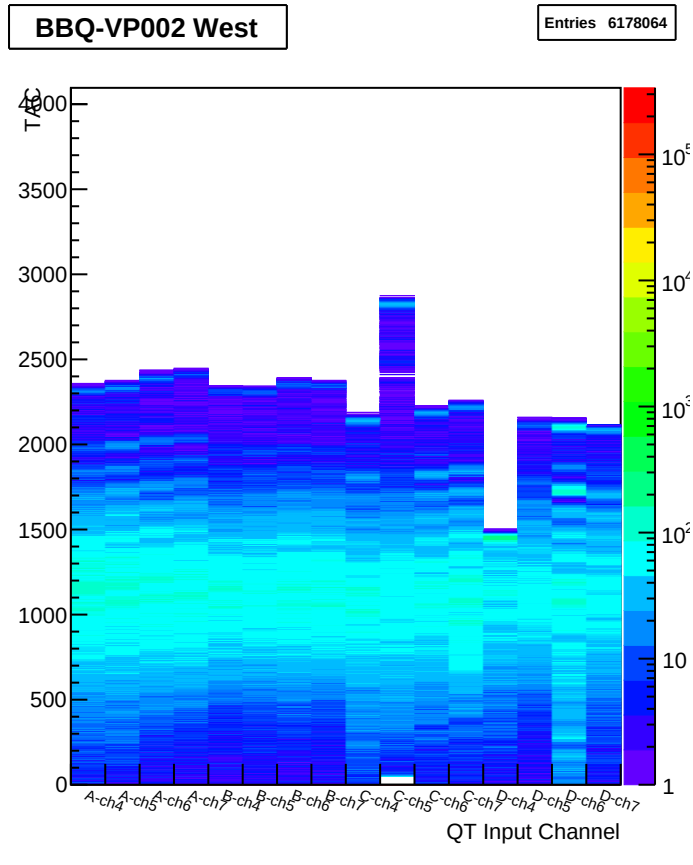

BBQ-ZD001 (ZDC TOWER)
Entries 6178064
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

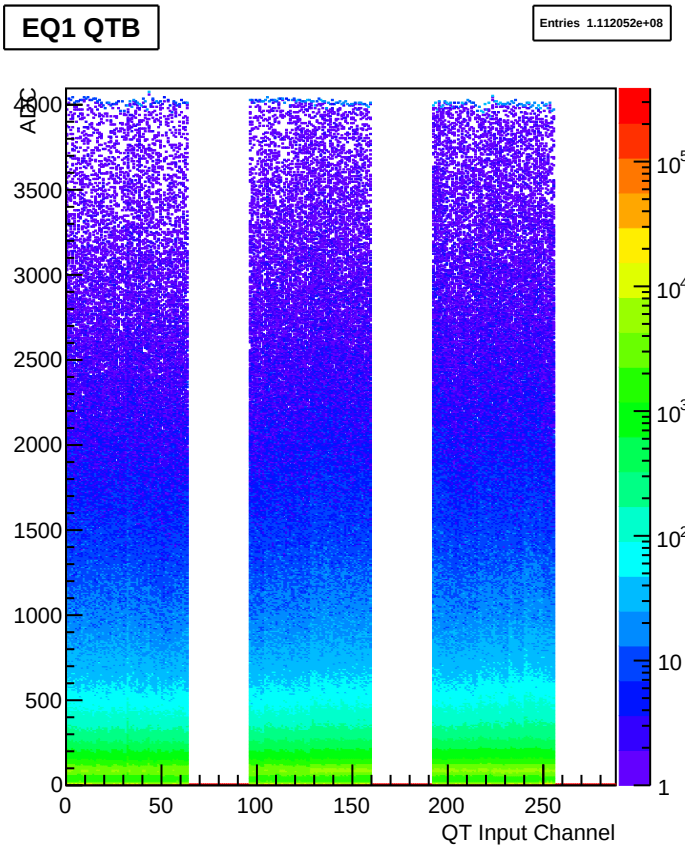

BBQ-ZD001 (ZDC TOWER)
Entries 6178064
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

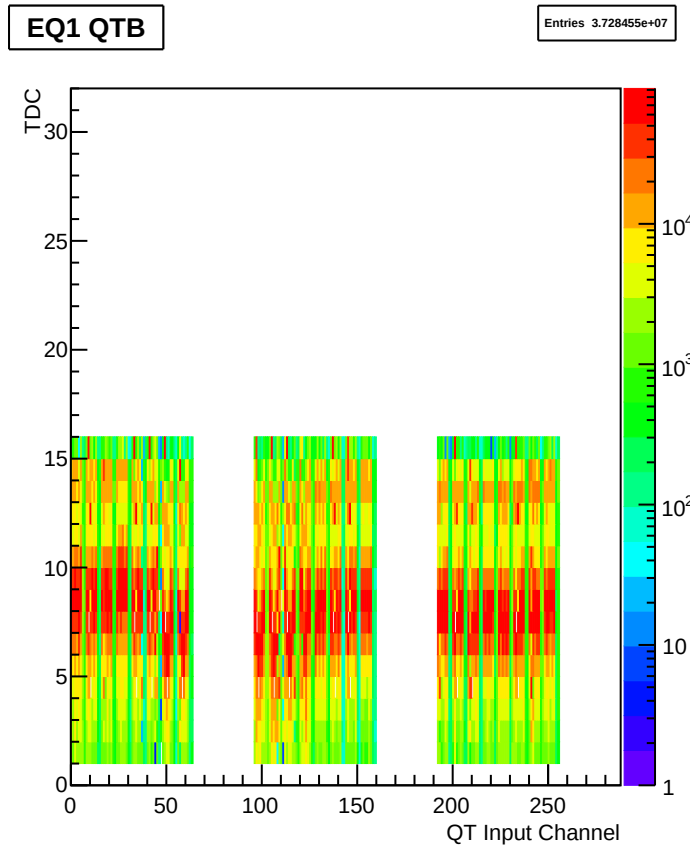

BBQ-VP001 East
Entries 6178064
ADC
QT Input Channel

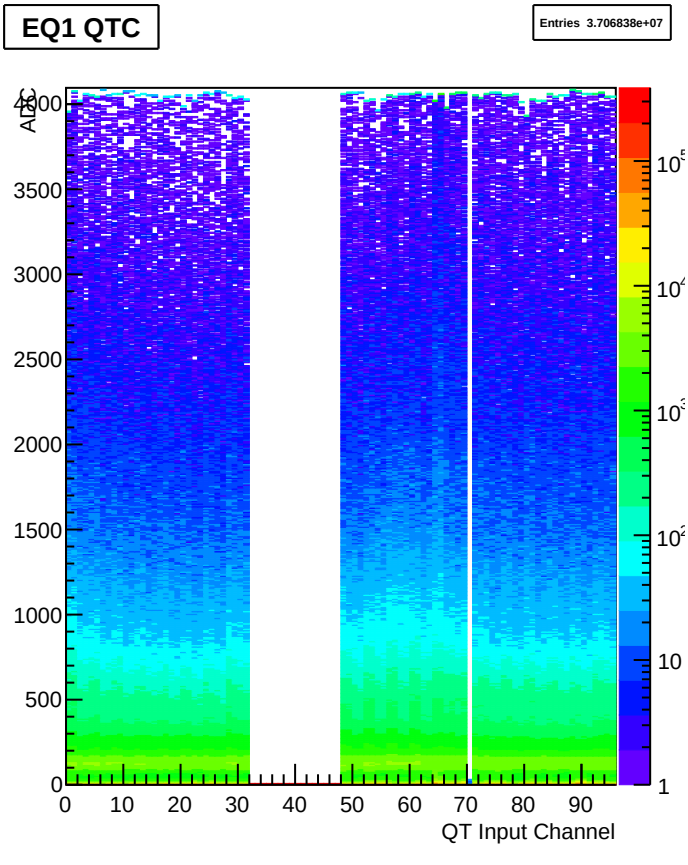

BBQ-VP001 East
Entries 6178064
ADC
QT Input Channel

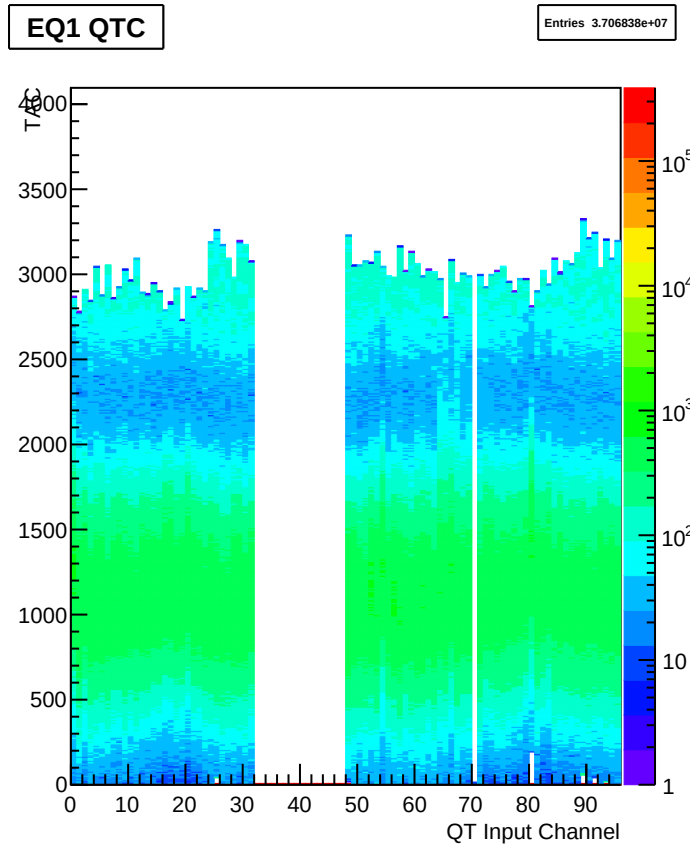

BBQ-VP002 West
Entries 6178064
ADC
QT Input Channel

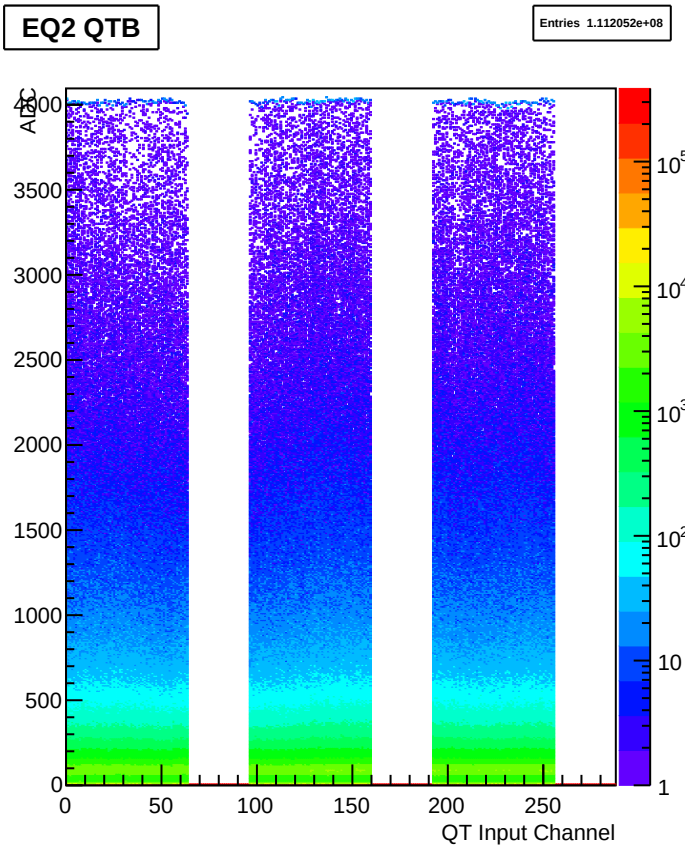

BBQ-VP002 West
Entries 6178064
ADC
QT Input Channel

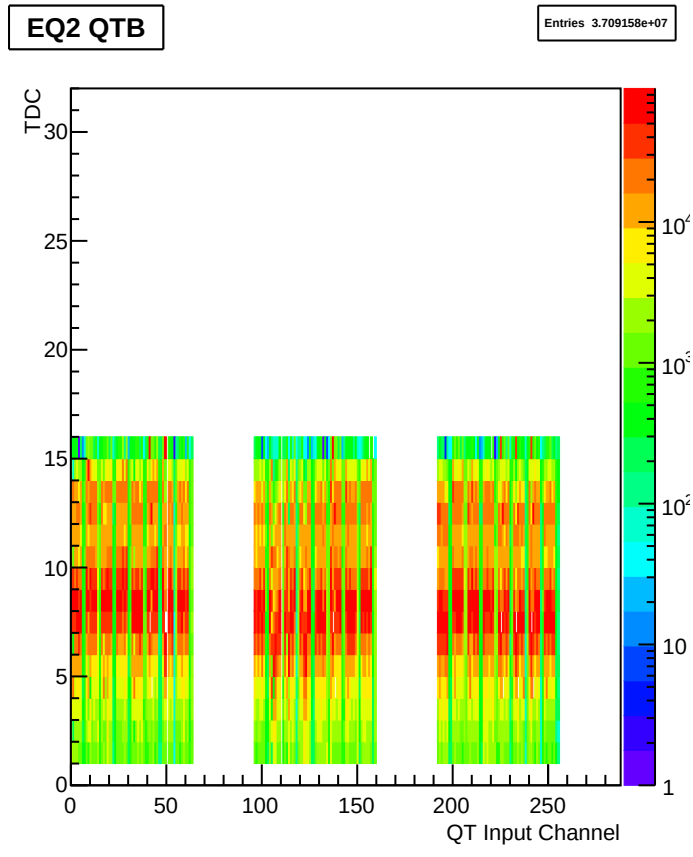

EQ1 QTB
Entries 1.112052e+08
ADC
QT Input Channel

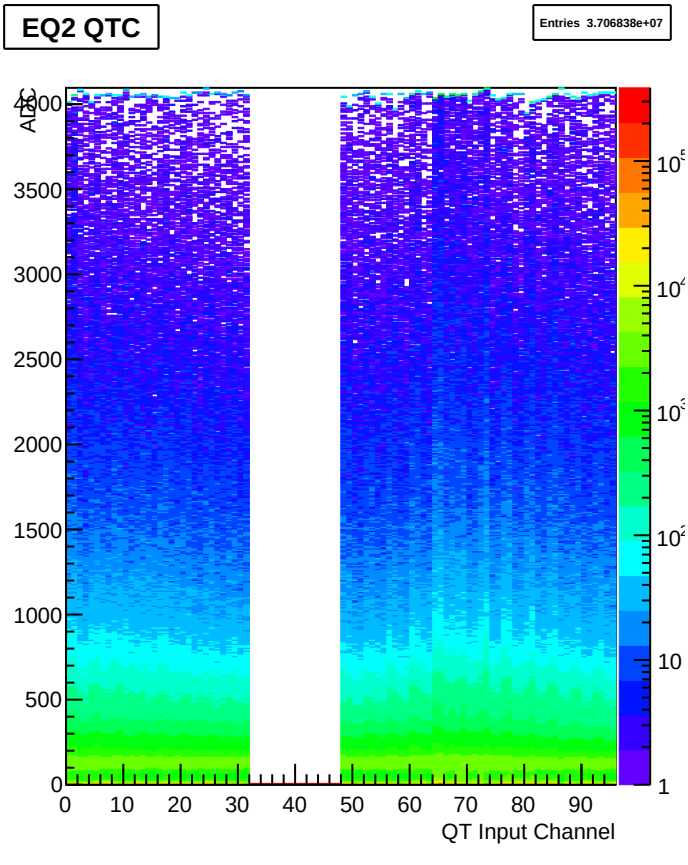

EQ1 QTB
Entries 3.728455e+07
TDC
QT Input Channel

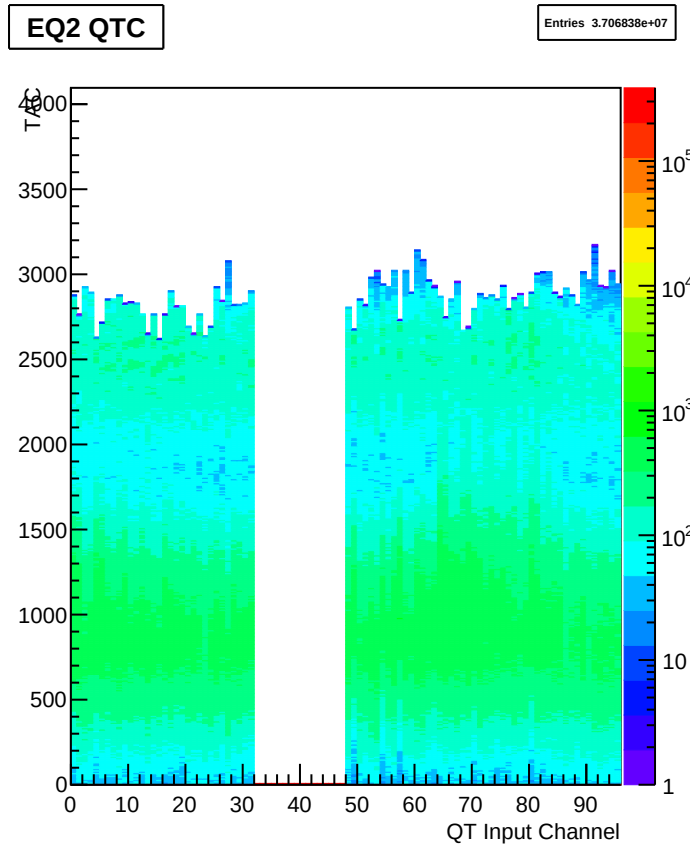

EQ1 QTC
Entries 3.706838e+07
ADC
QT Input Channel

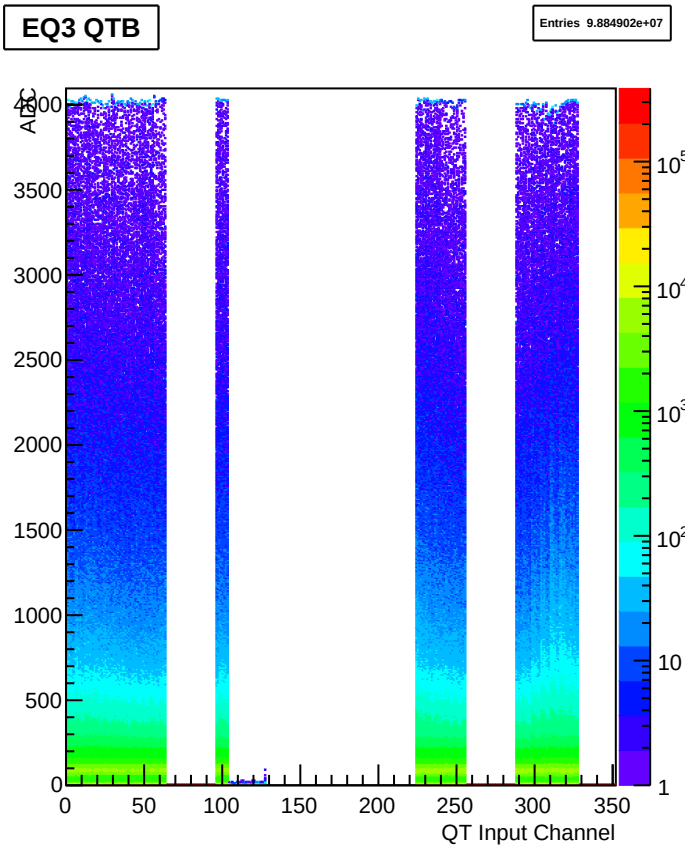

EQ1 QTC
Entries 3.706838e+07
TADC
QT Input Channel

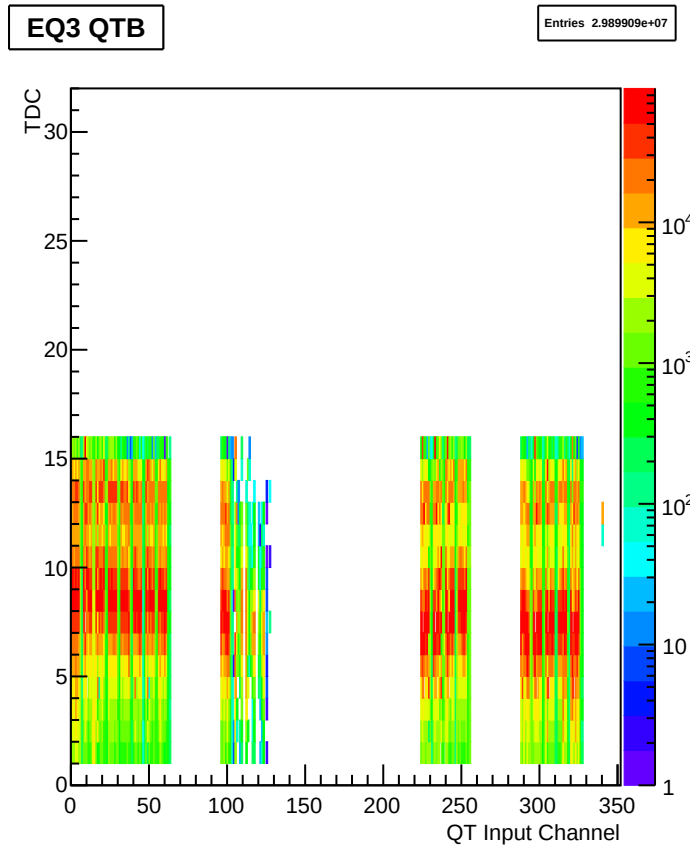

EQ2 QTB
Entries 1.112052e+08
ADC
QT Input Channel

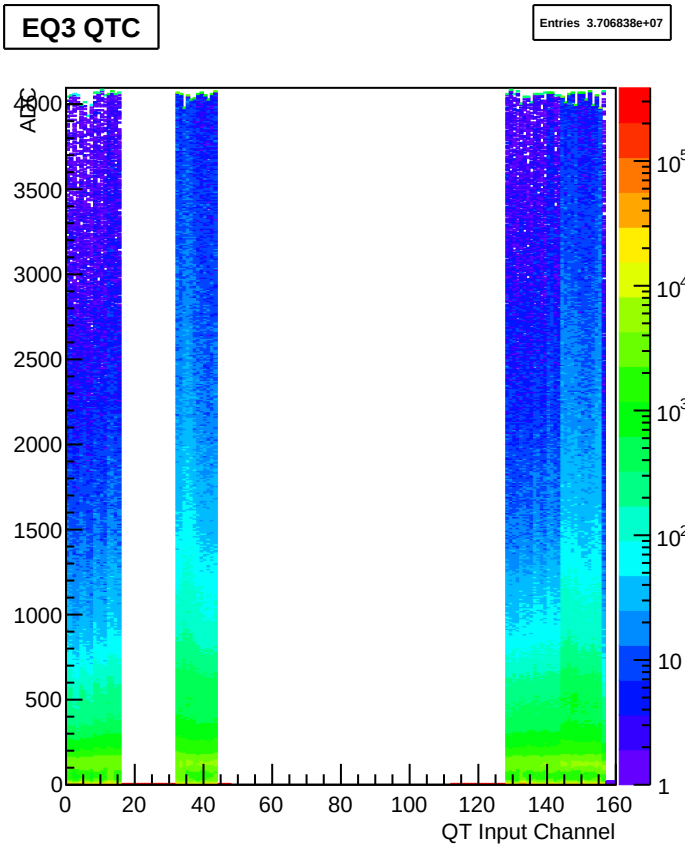

EQ2 QTB
Entries 3.709158e+07
TDC
QT Input Channel

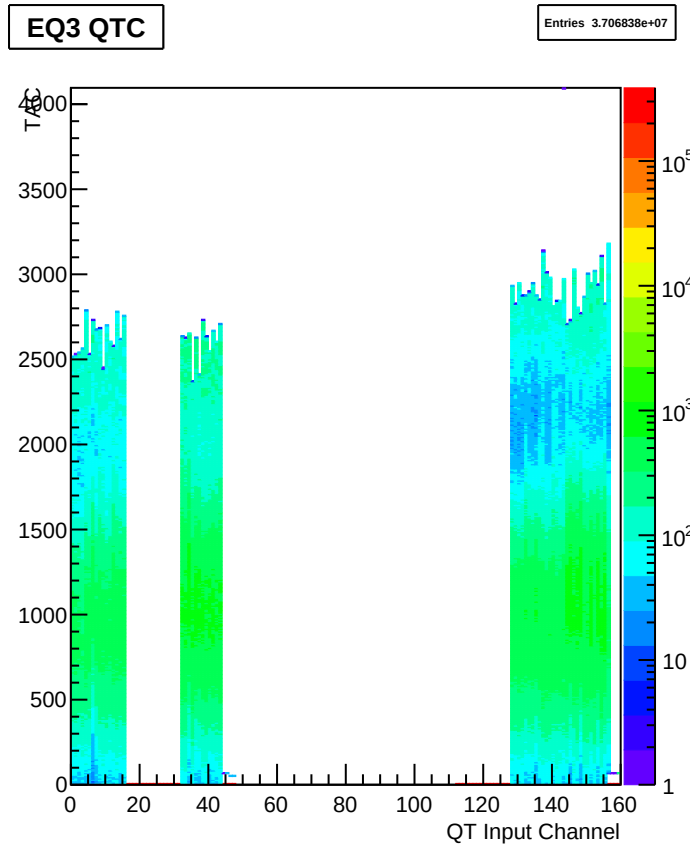

EQ2 QTC
Entries 3.706838e+07
ADC
QT Input Channel

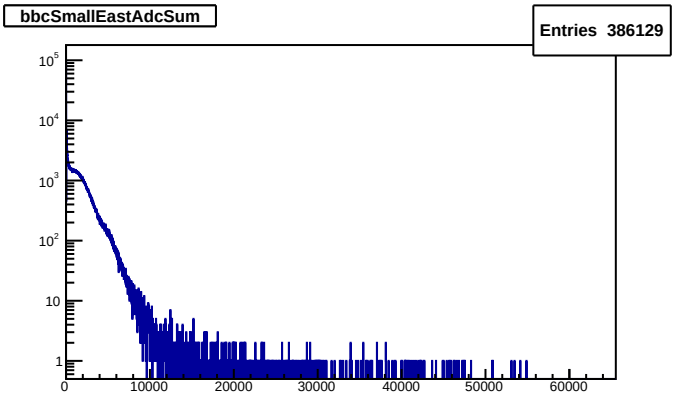

EQ2 QTC
Entries 3.706838e+07
TADC
QT Input Channel

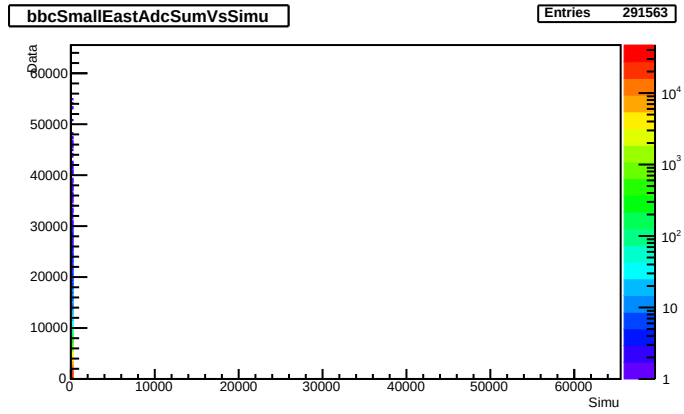

EQ3 QTB
Entries 9.884902e+07
ADC
QT Input Channel

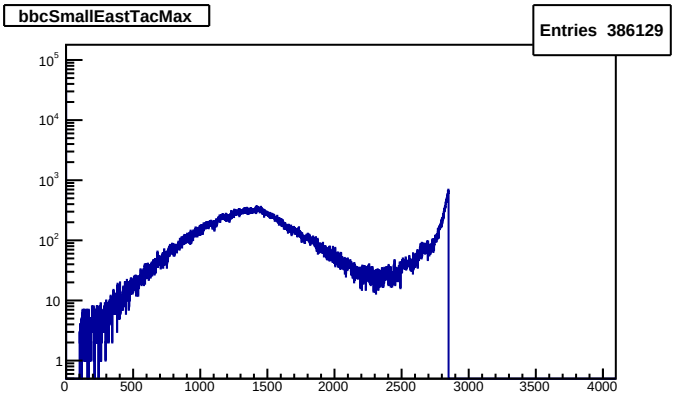

EQ3 QTB
Entries 2.989909e+07
TDC
QT Input Channel

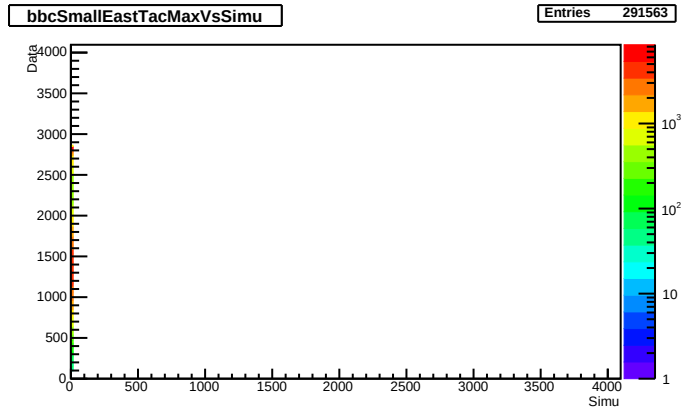

EQ3 QTC
Entries 3.706838e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.706838e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 386129


bbcSmallEastAdcSumVsSimu
Entries 291563
Data
Simu


bbcSmallEastTacMax
Entries 386129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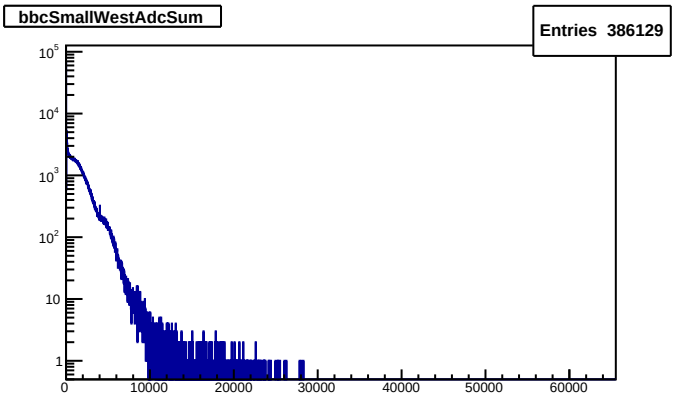
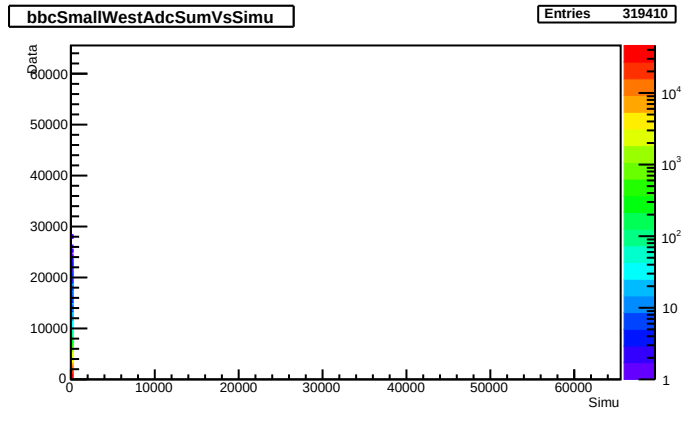
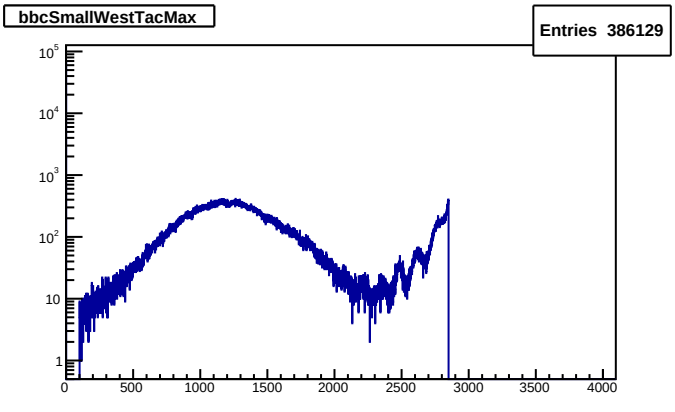
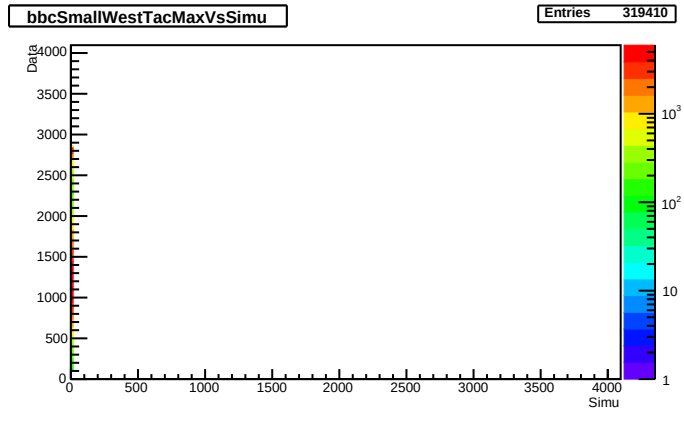
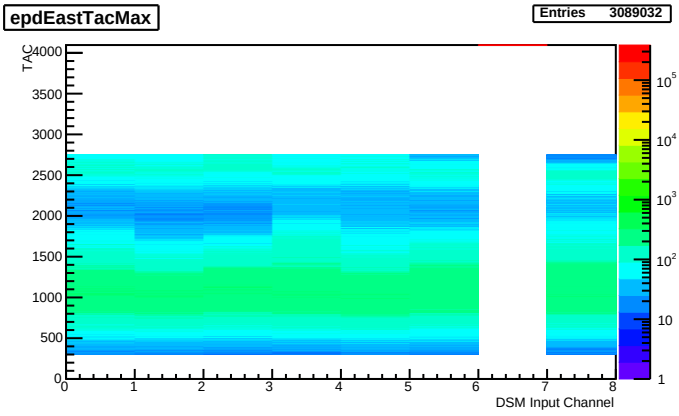
Entries 291563
Data
Simu

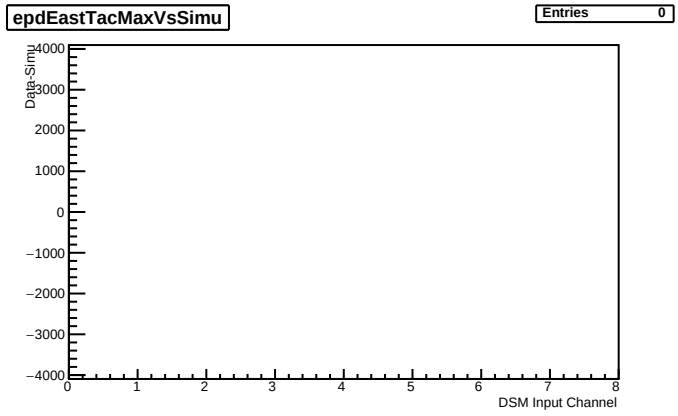

bbcSmallWestAdcSum
Entries 386129


bbcSmallWestAdcSumVsSimu
Entries 319410
Data
Simu


bbcSmallWestTacMax
Entries 386129


bbcSmallWestTacMaxVsSimu
Entries 319410
Data
Simu


epdEastTacMax
Entries 3089032
TAC
DSM Input Channel


epdEastTacMaxVsSimu
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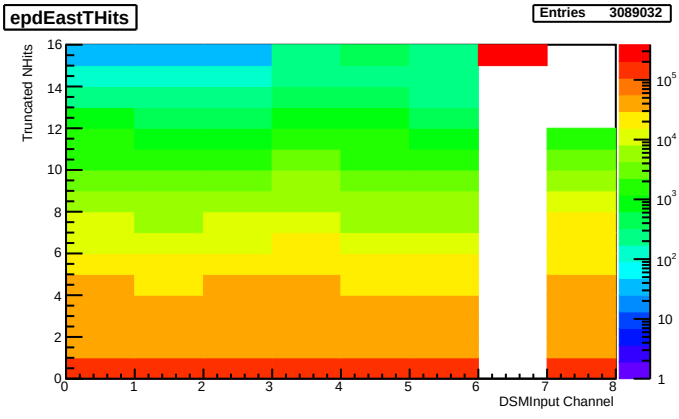
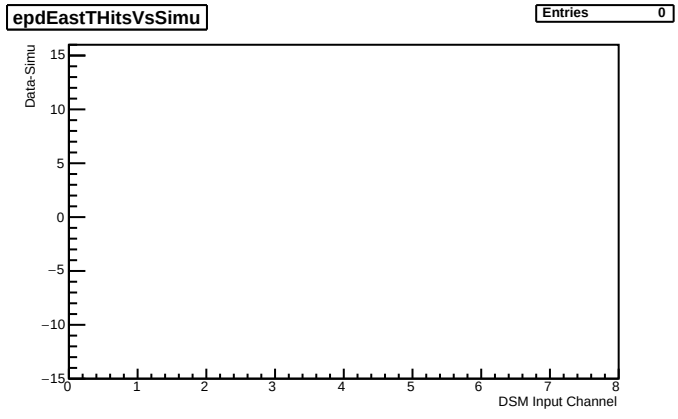
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3089032
Truncated NHits
DSMInput Channel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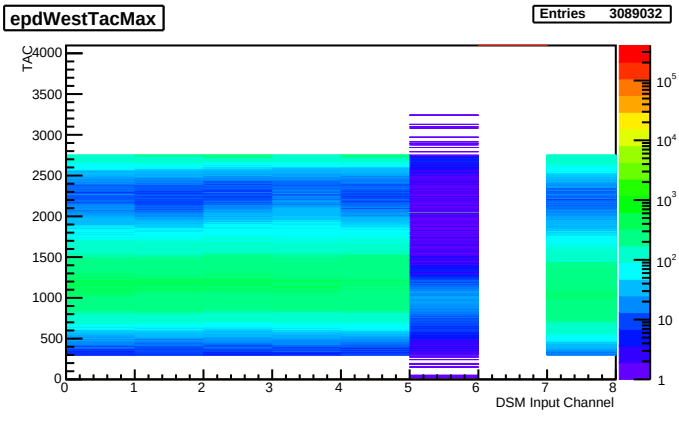
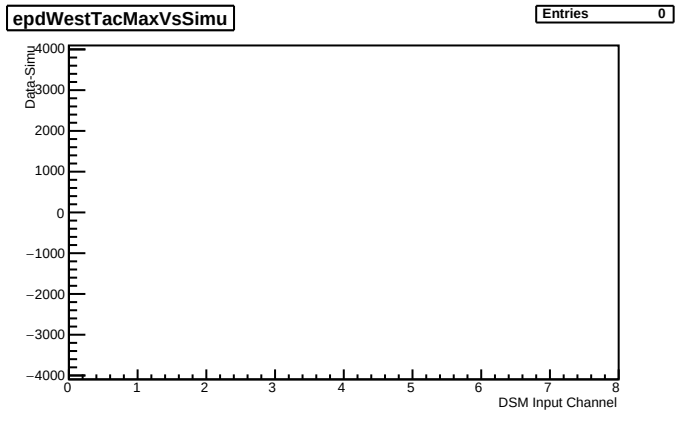
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3089032
TAC
DSM Input Channel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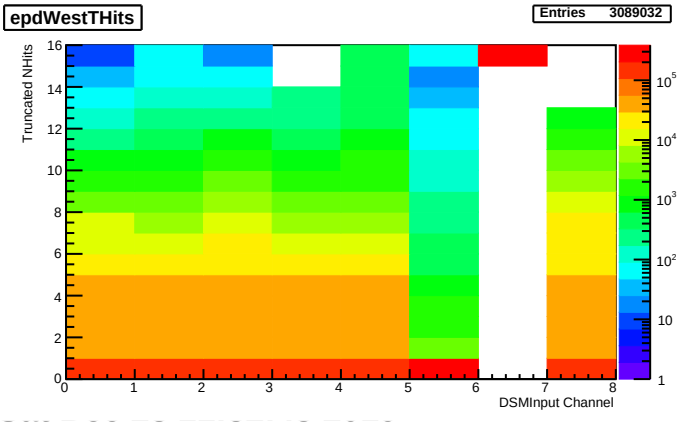
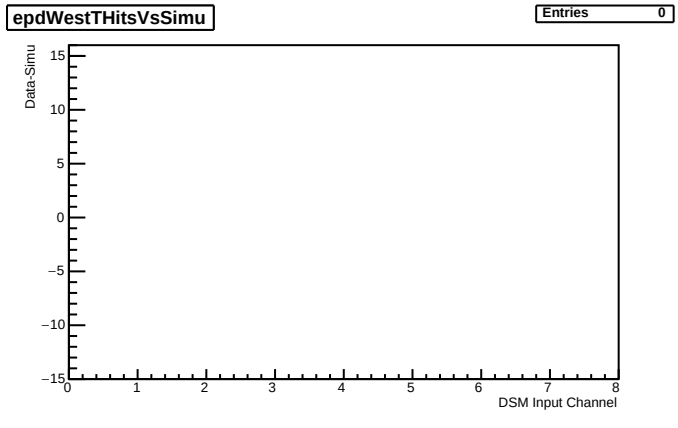
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3089032
Truncated NHits
DSMInput Channel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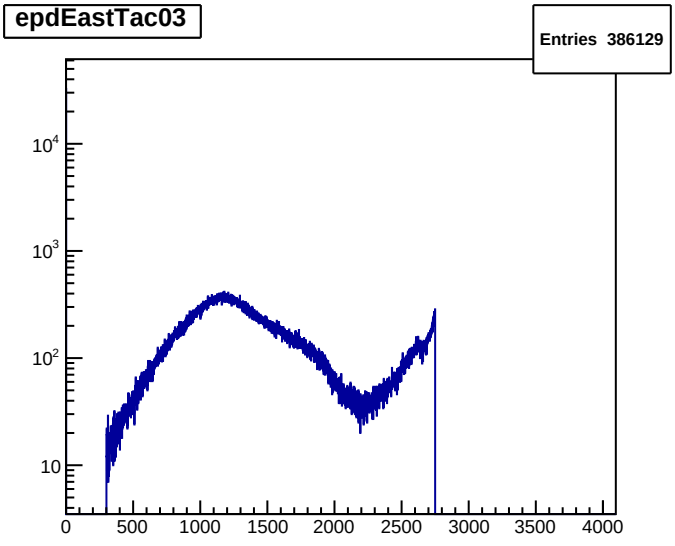
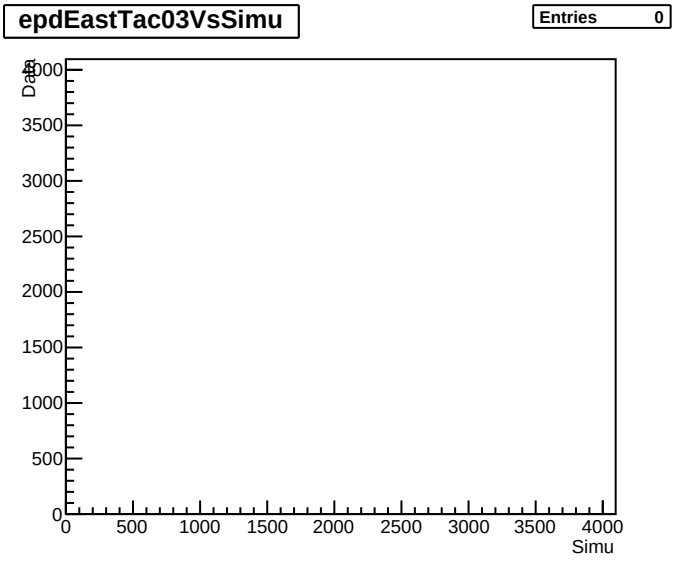
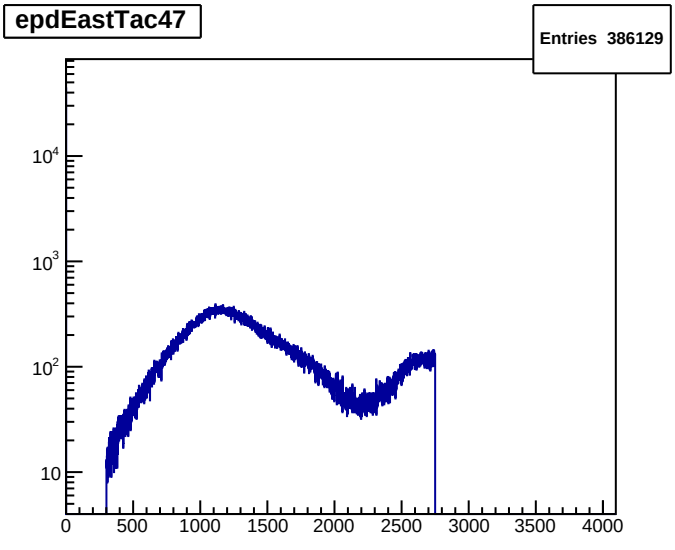
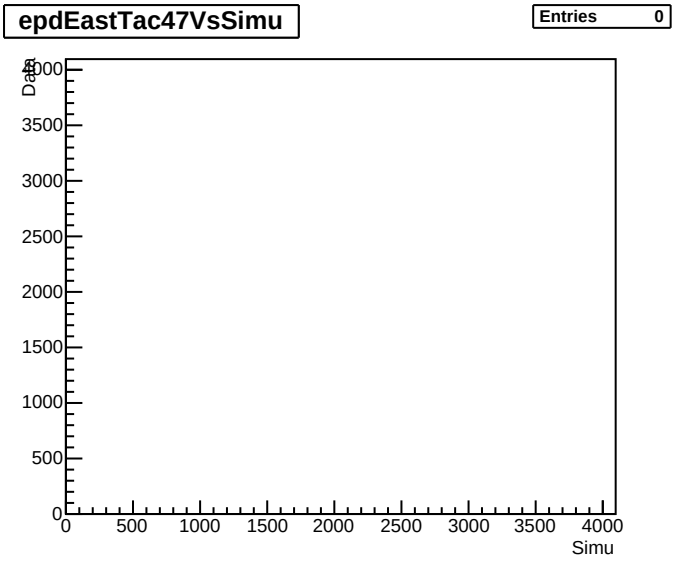
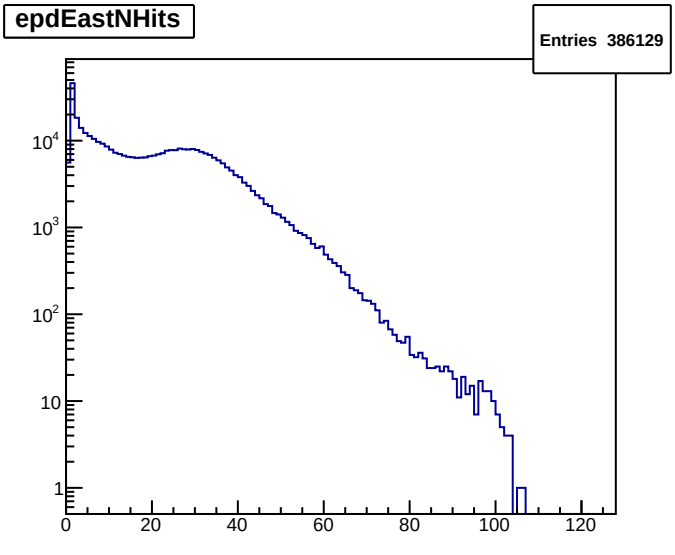
Entries 0
Data-Simu
DSM Input Channel

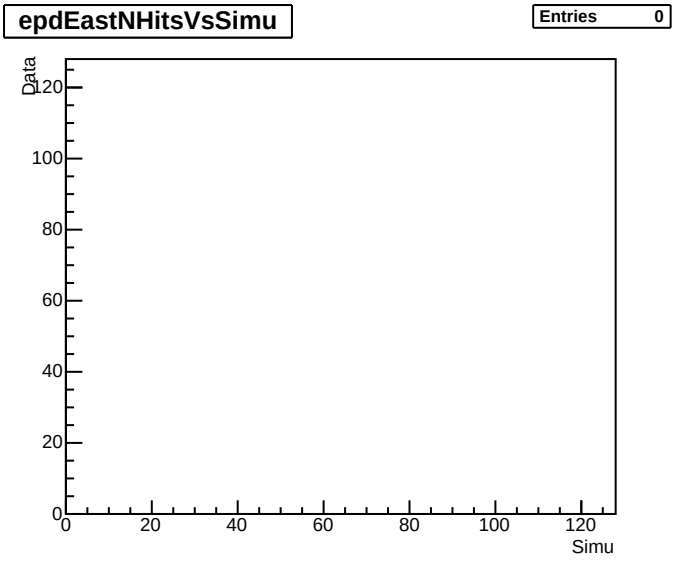

epdEastTac03
Entries 386129


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 386129


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 386129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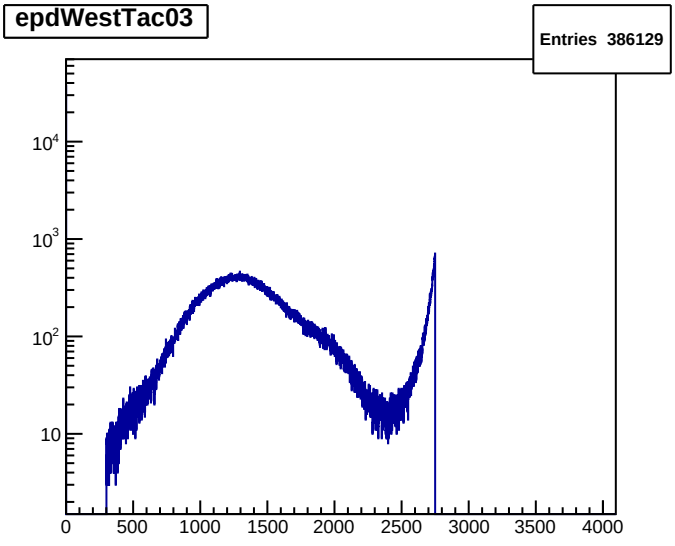
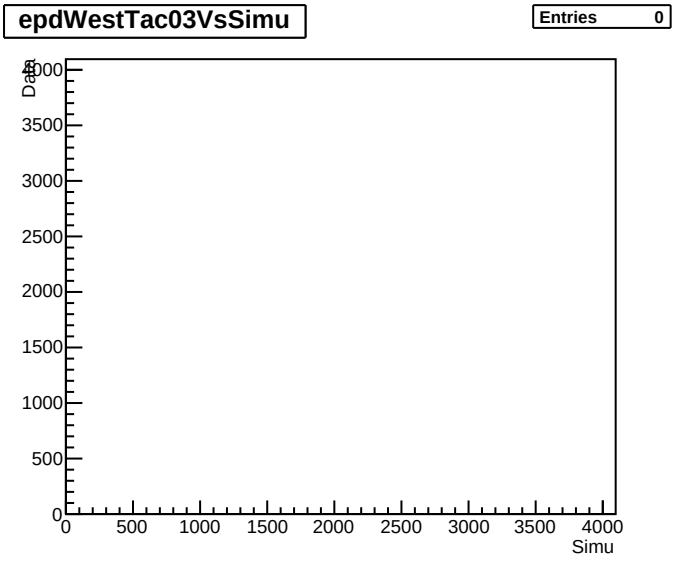
Entries 0
Data
Simu


epdWestTac03
Entries 386129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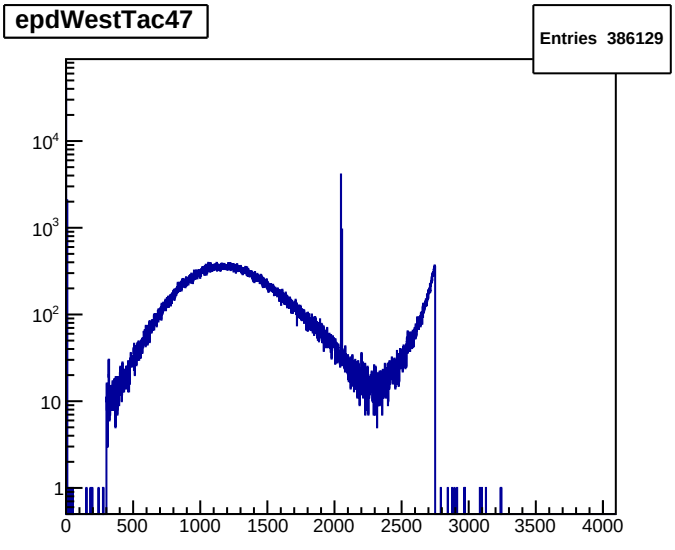
Entries 0
Data
Simu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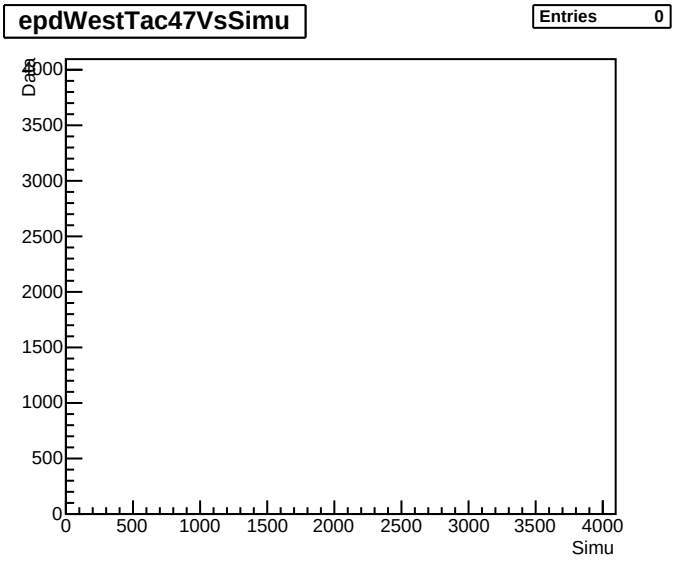
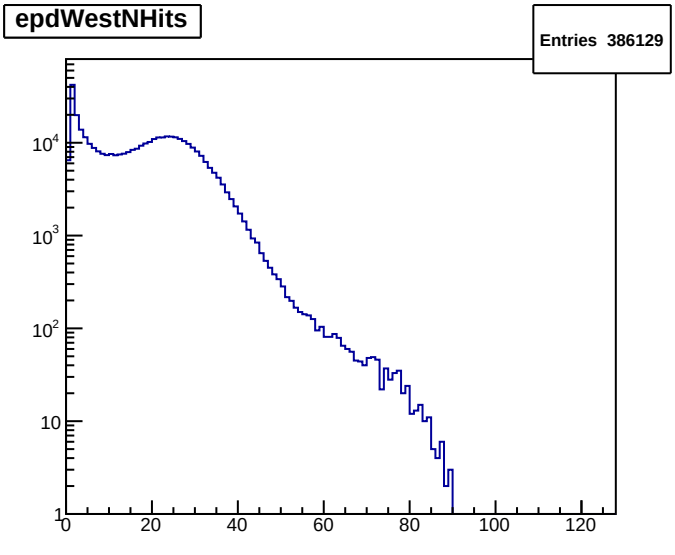
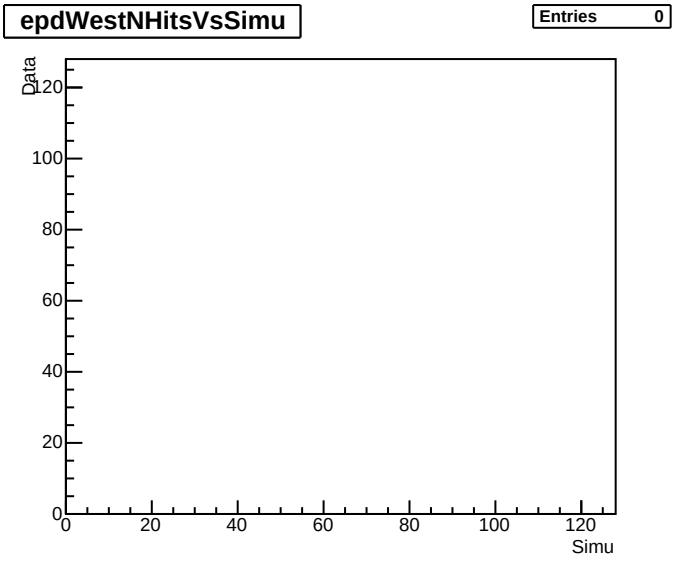
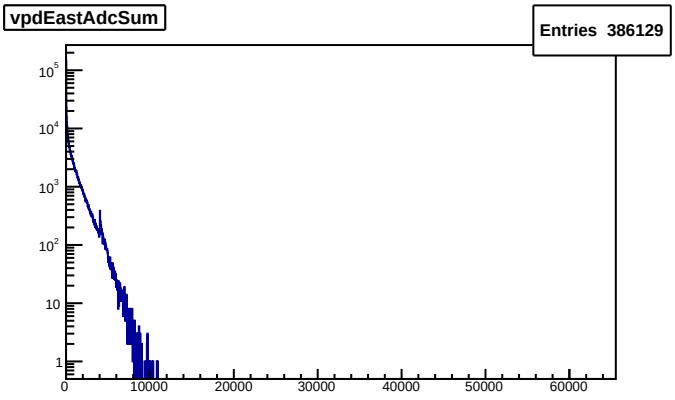
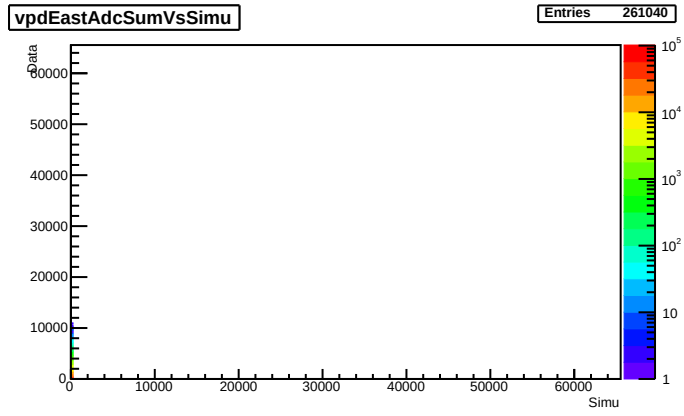
Entries 386129

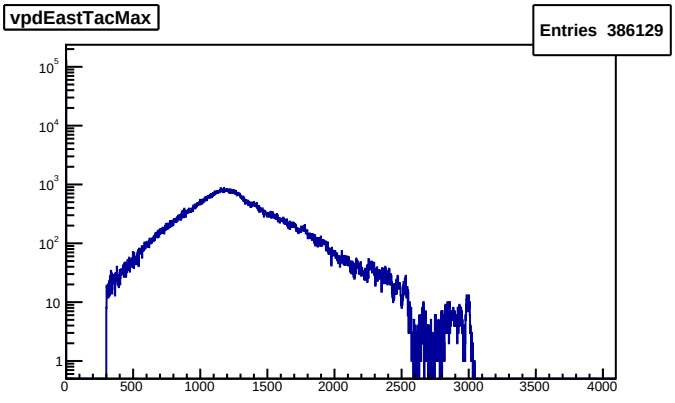

epdWestTac47VsSimu
Entries 0
Data
Simu

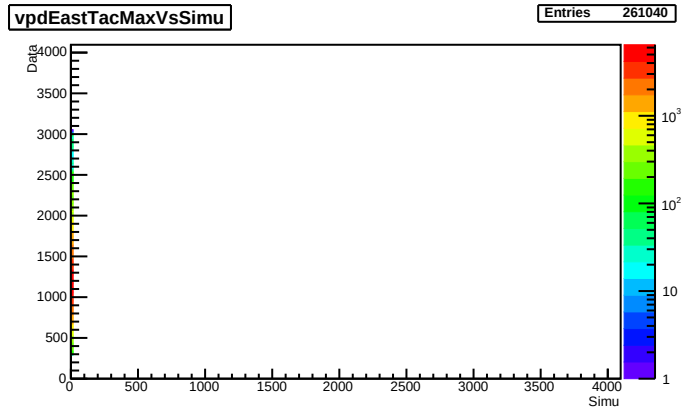

epdWestNHits
Entries 386129

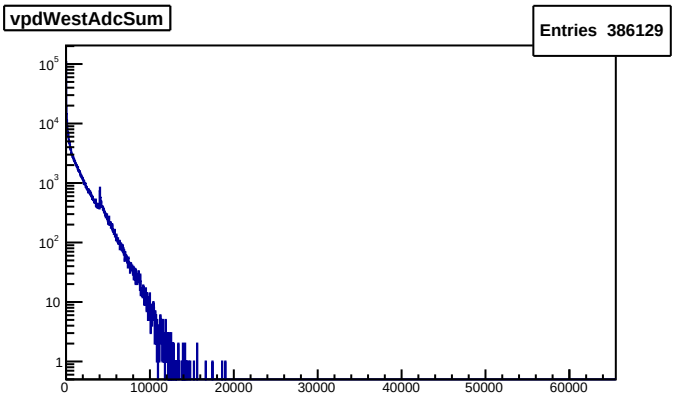

epdWestNHitsVsSimu
Entries 0
Data
Simu

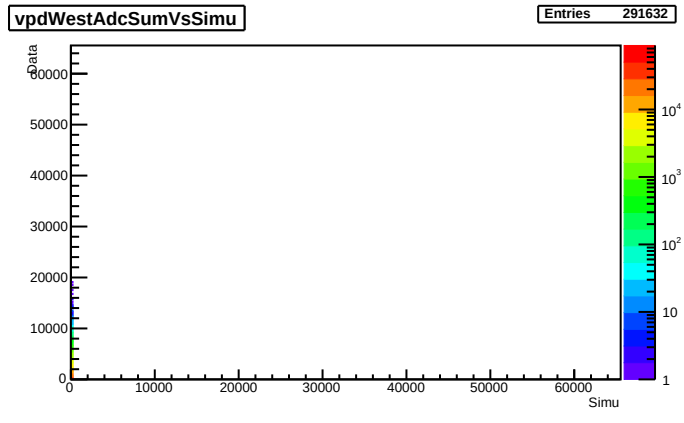

vpdEastAdcSum
Entries 386129

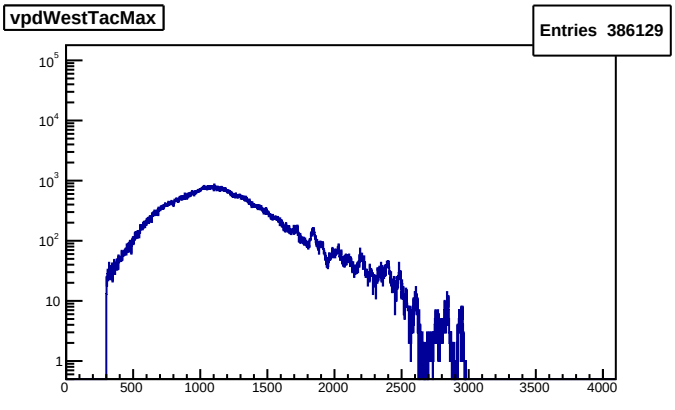

vpdEastAdcSumVsSimu
Entries 261040
Data
Simu

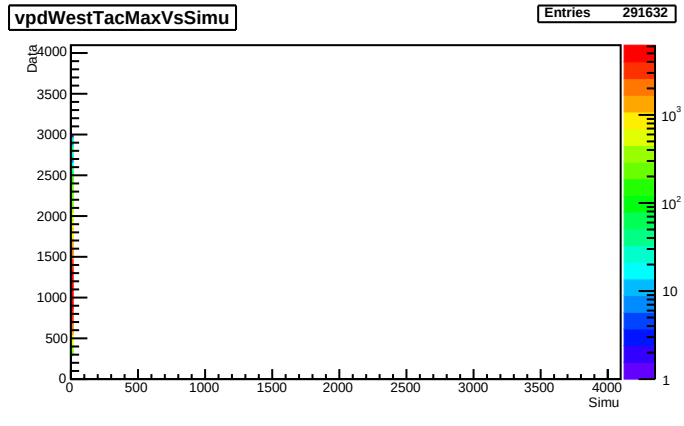

vpdEastTacMax
Entries 386129

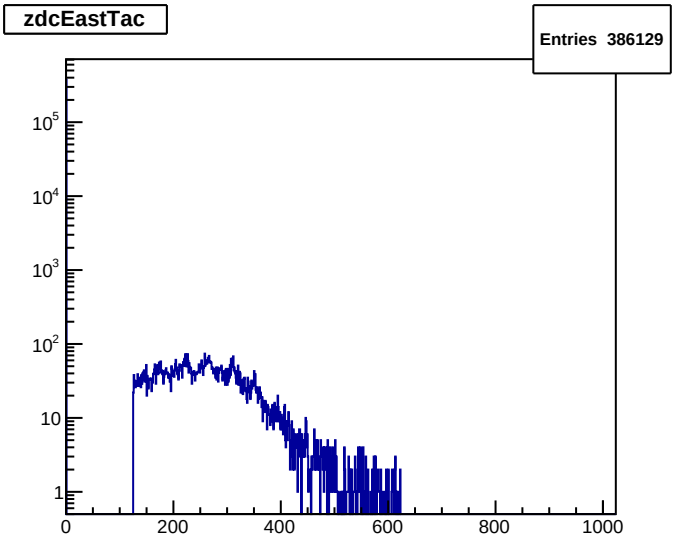

vpdEastTacMaxVsSimu
Entries 261040
Data
Simu

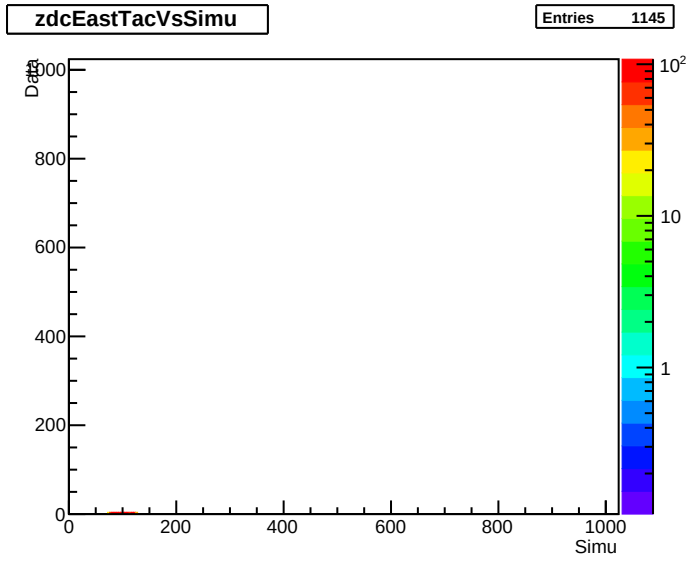

vpdWestAdcSum
Entries 386129

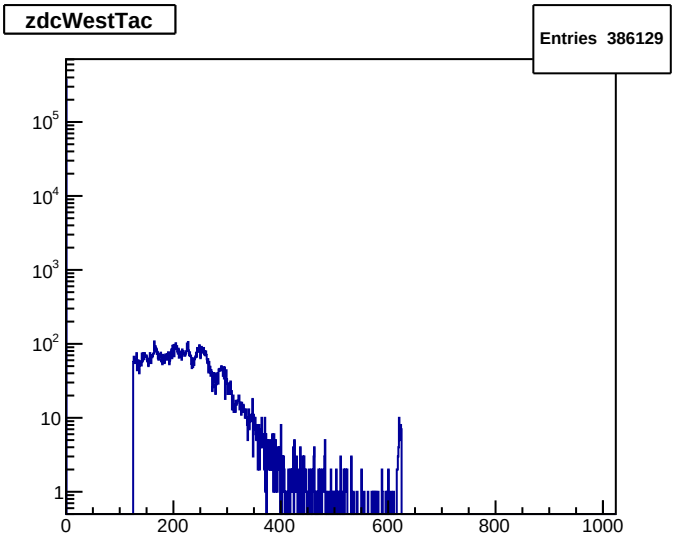

vpdWestAdcSumVsSimu
Entries 291632
Data
Simu

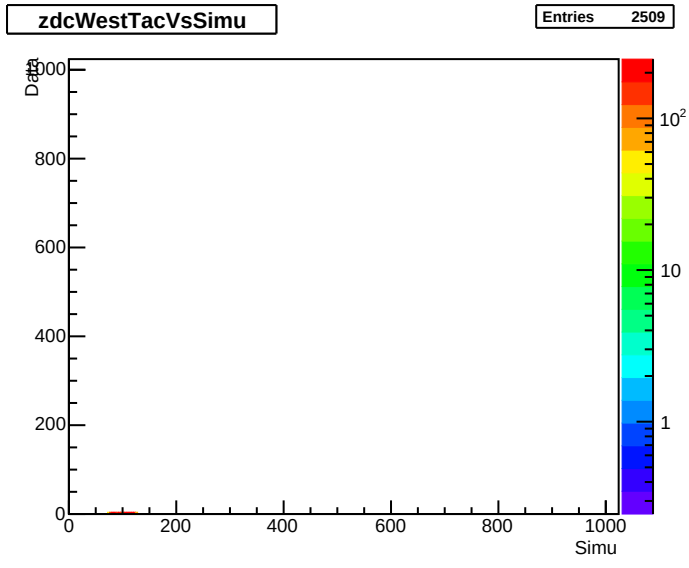

vpdWestTacMax
Entries 386129

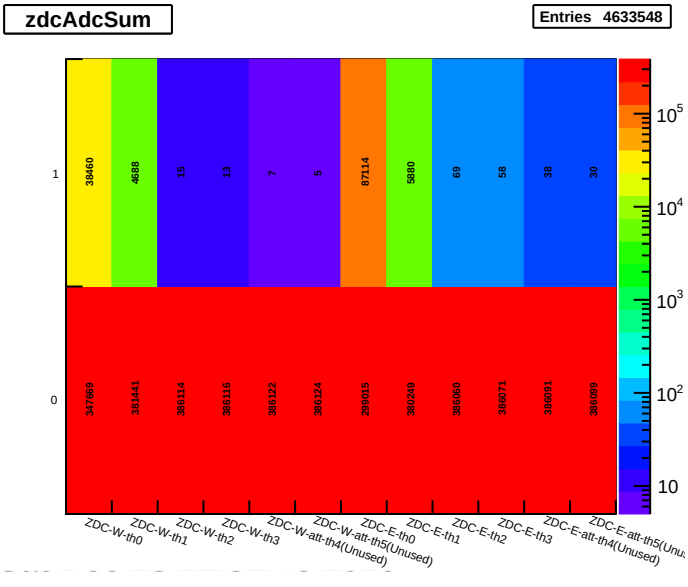

vpdWestTacMaxVsSimu
Entries 291632
Data
Simu

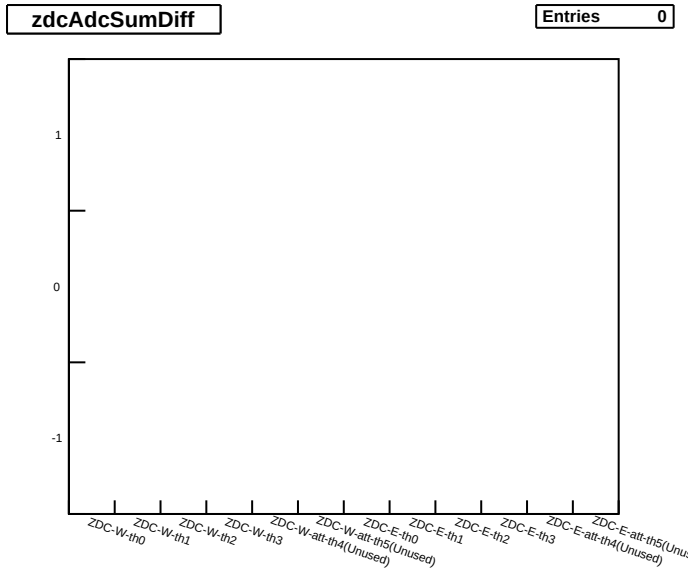

zdcEastTac
Entries 386129

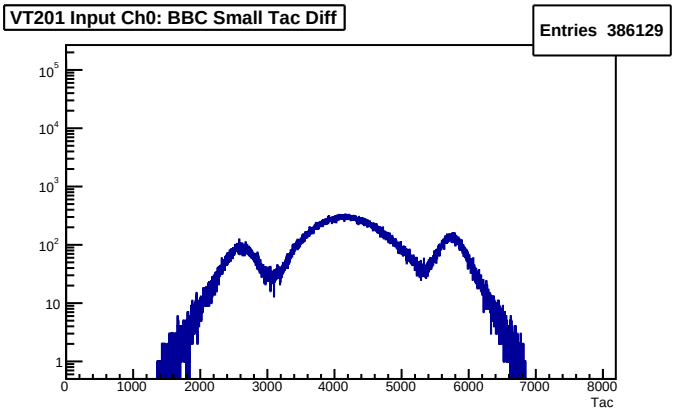

zdcEastTacVsSimu
Entries 1145
Data
Simu

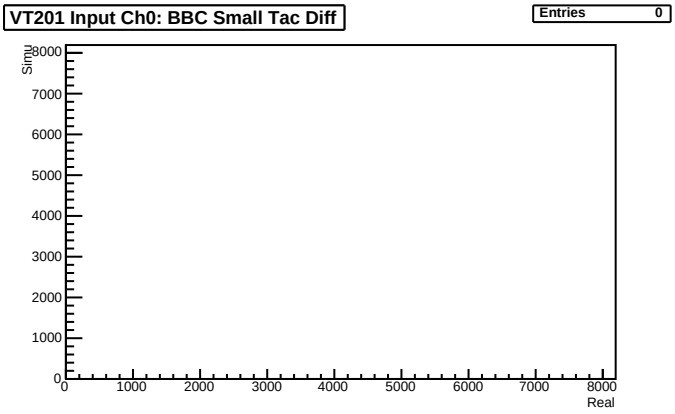

zdcWestTac
Entries 386129

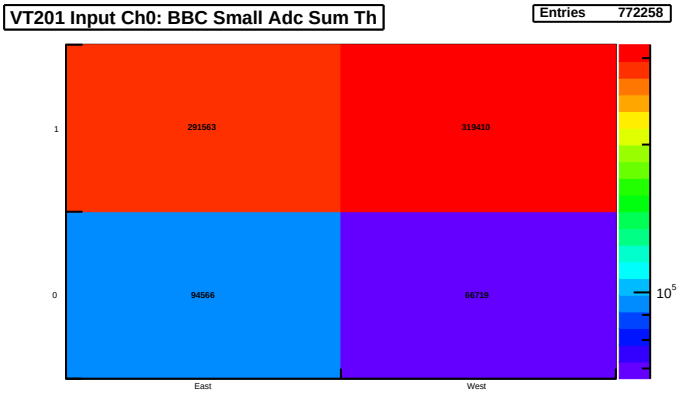

zdcWestTacVsSimu
Entries 2509
Data
Simu

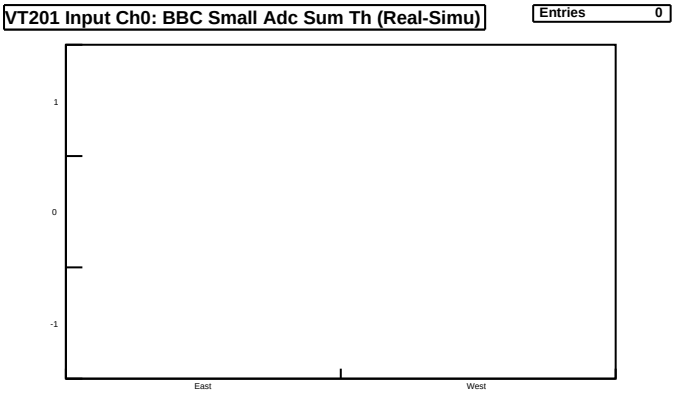

zdcAdcSum
Entries 4633548
38460
4688
15
13
7
5
87114
5880
69
58
38
30
347689
381441
386114
386116
386122
386124
299015
380249
386060
386071
386091
386099
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

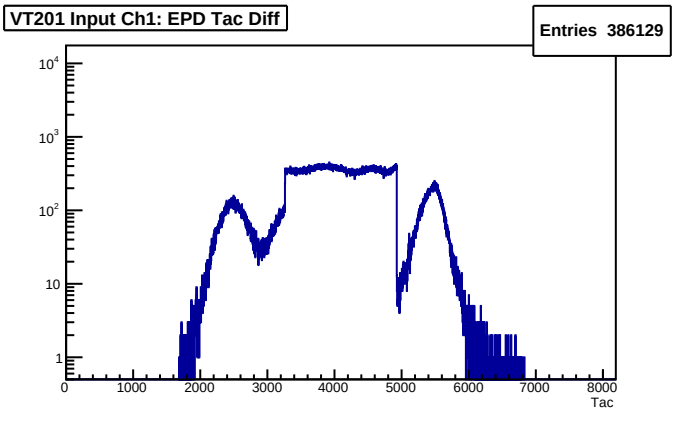

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

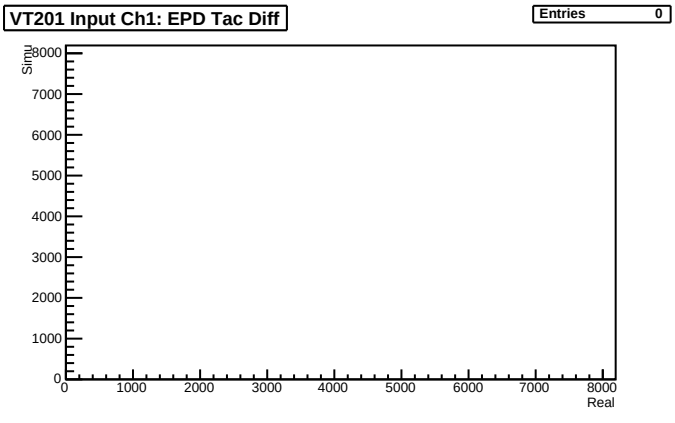

VT201 Input Ch0: BBC Small Tac Diff
Entries 386129
Tac

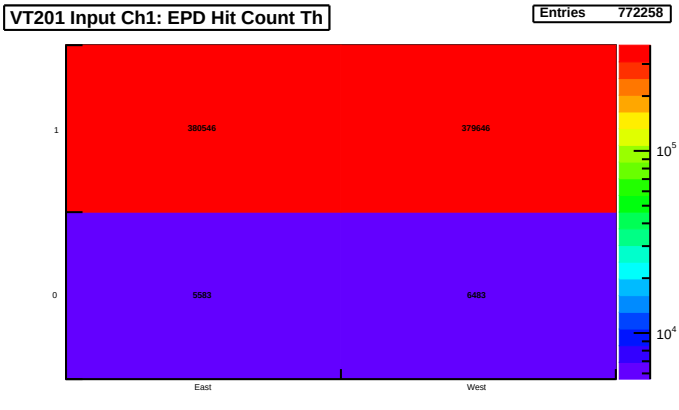

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

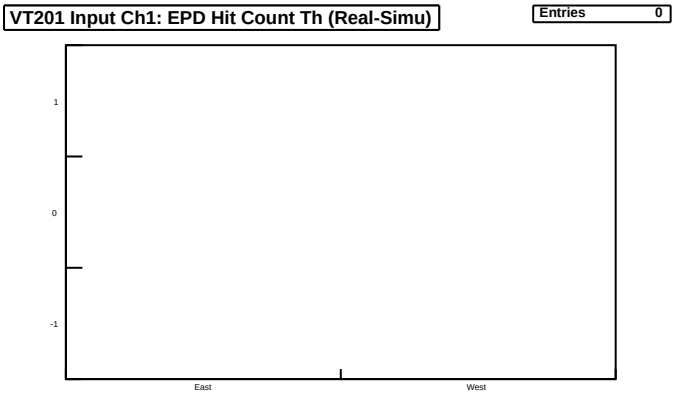

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 772258
291563
319410
94566
66719
East
West

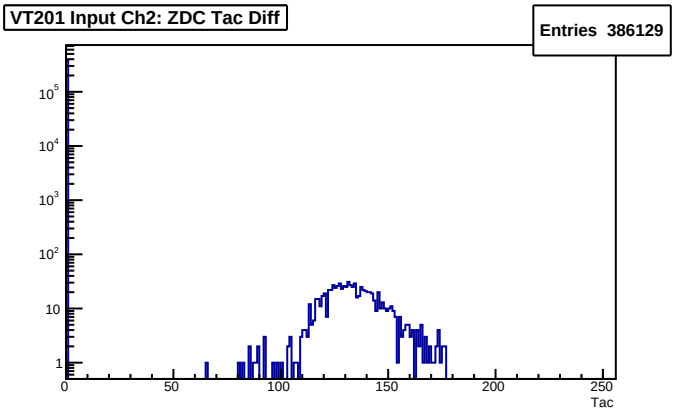

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

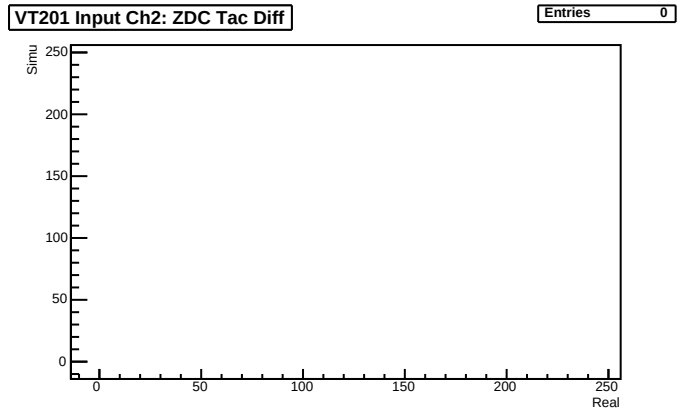

VT201 Input Ch1: EPD Tac Diff
Entries 386129
Tac

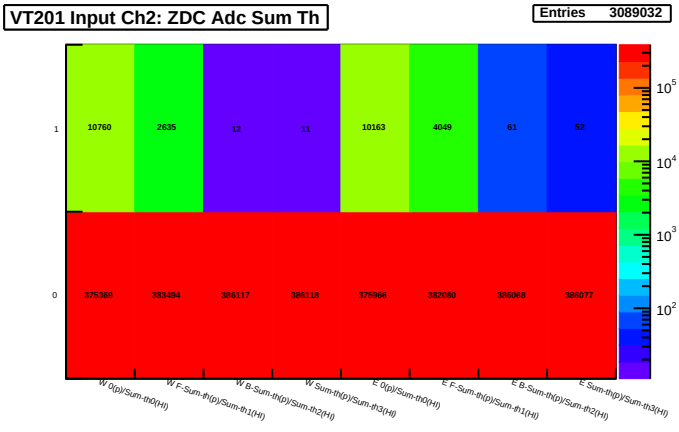

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

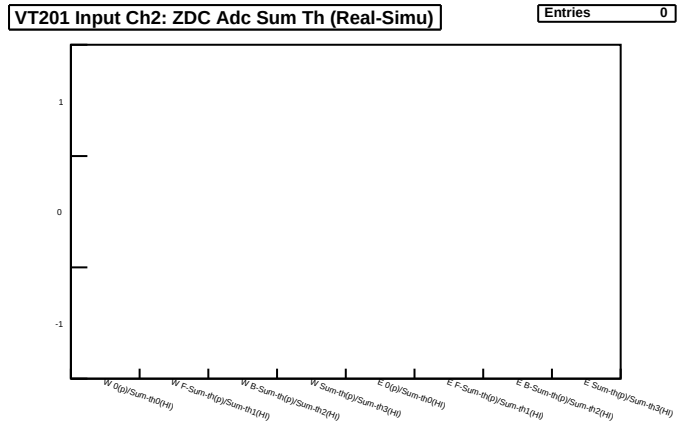

VT201 Input Ch1: EPD Hit Count Th
Entries 772258
380546
379646
5583
6483
East
West

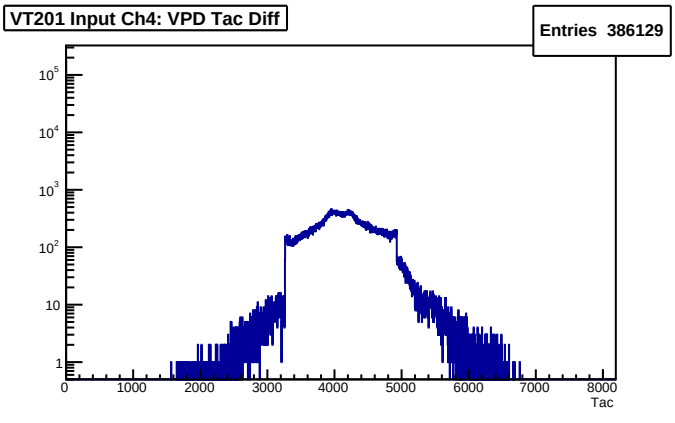

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

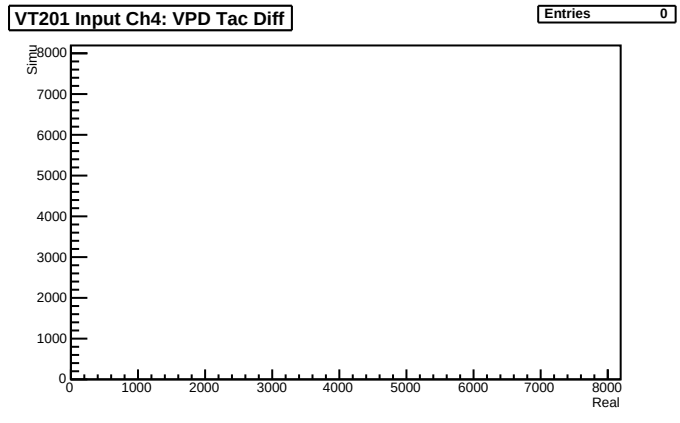

VT201 Input Ch2: ZDC Tac Diff
Entries 386129
Tac

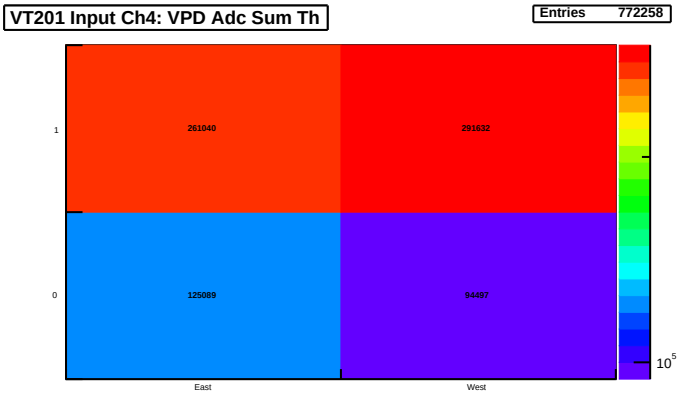

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

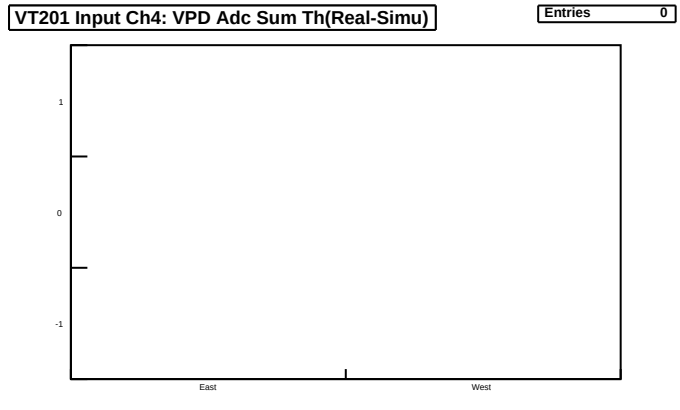

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3089032
10760
2635
12
11
10163
4049
61
52
375369
383494
386117
386118
375966
382080
386068
386077
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

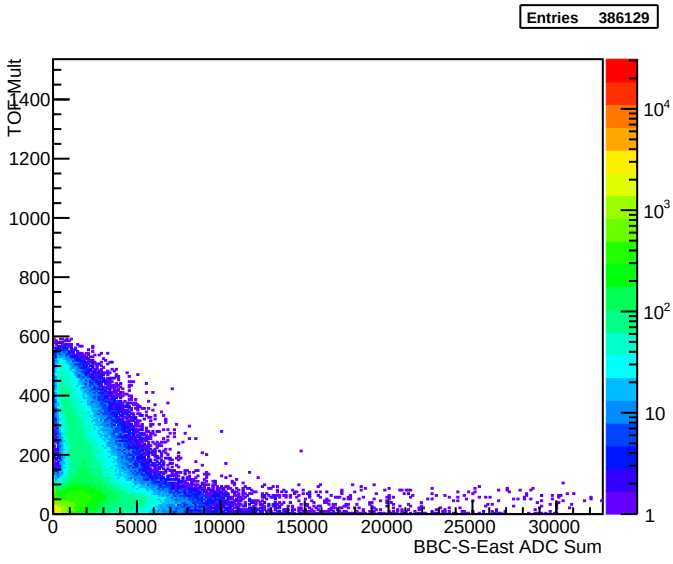

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

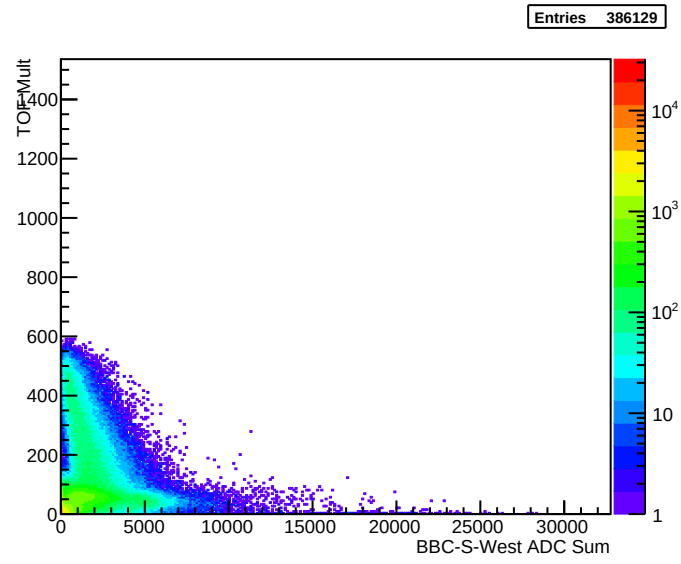

VT201 Input Ch4: VPD Tac Diff
Entries 386129
Tac

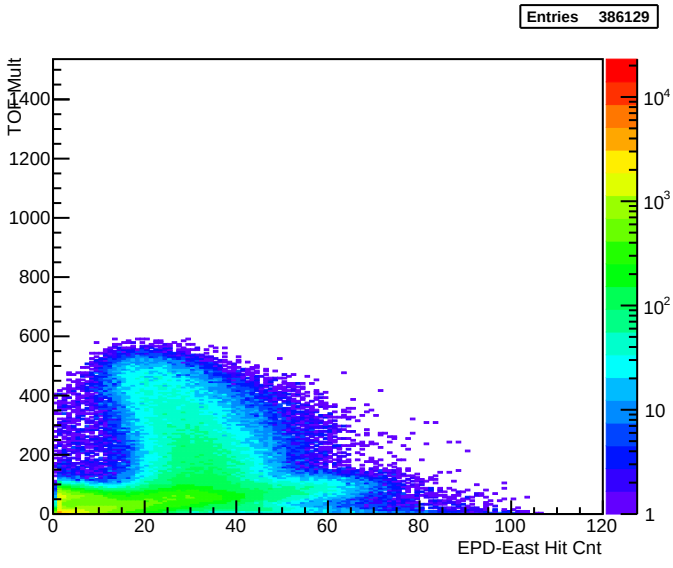

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

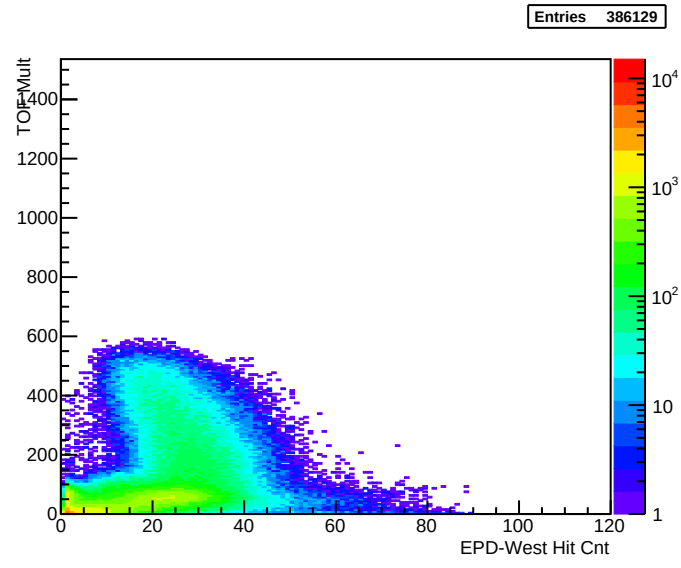

VT201 Input Ch4: VPD Adc Sum Th
Entries 772258
261040
291632
125089
94497
East
West

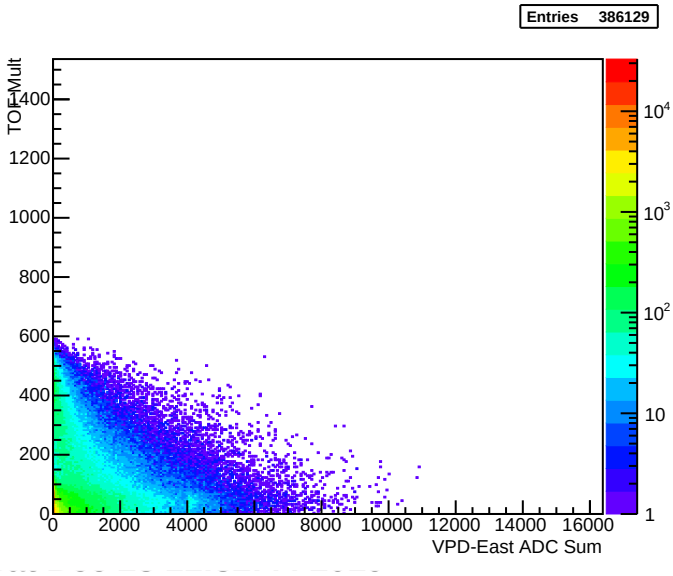

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

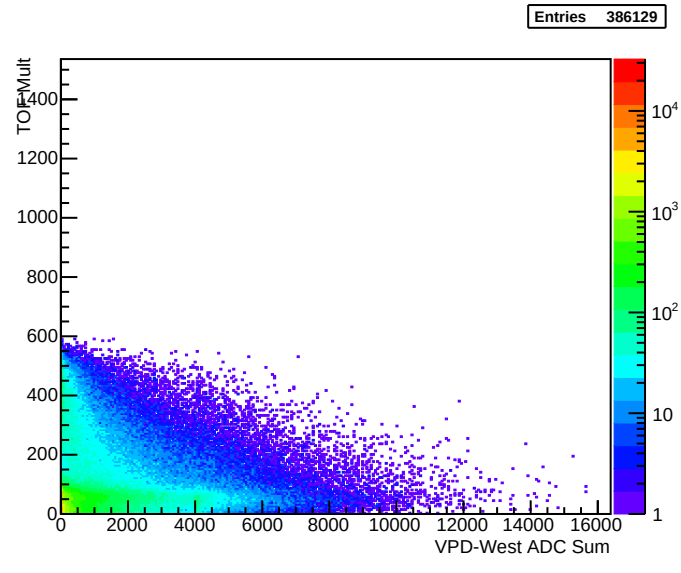

Entries 386129
TOF-Mult
BBC-S-East ADC Sum

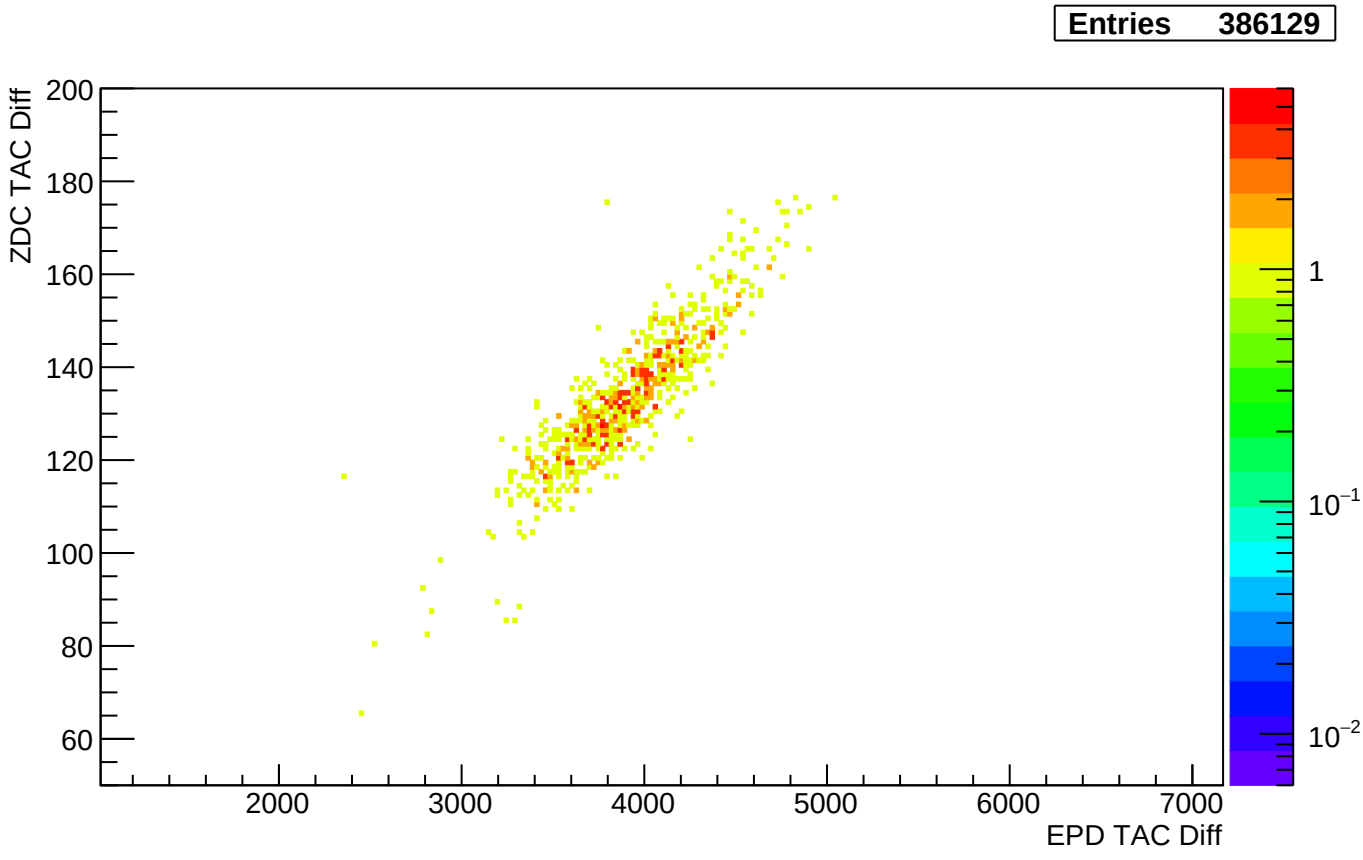

Entries 386129
TOF-Mult
BBC-S-West ADC Sum

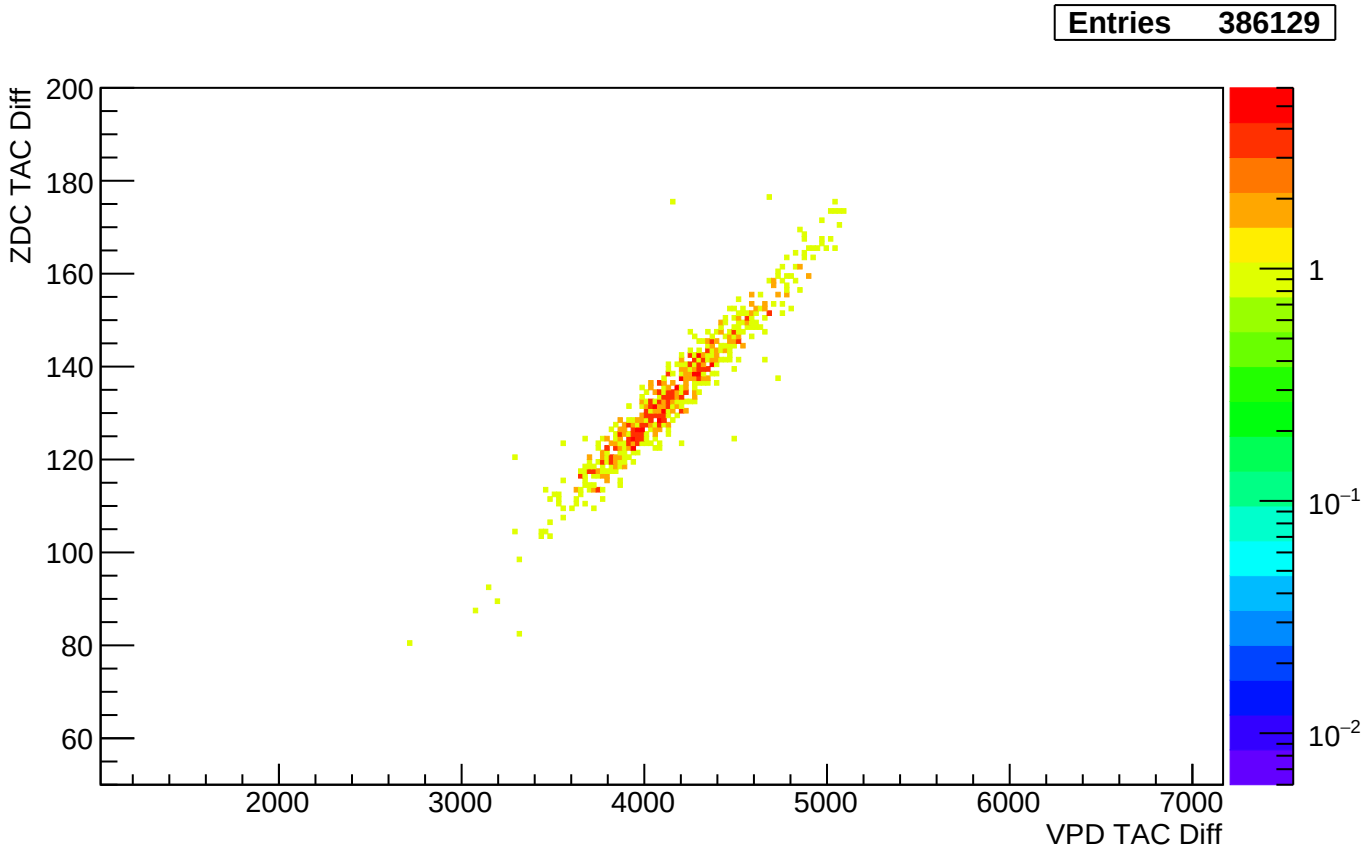

Entries 386129
TOF-Mult
EPD-East Hit Cnt

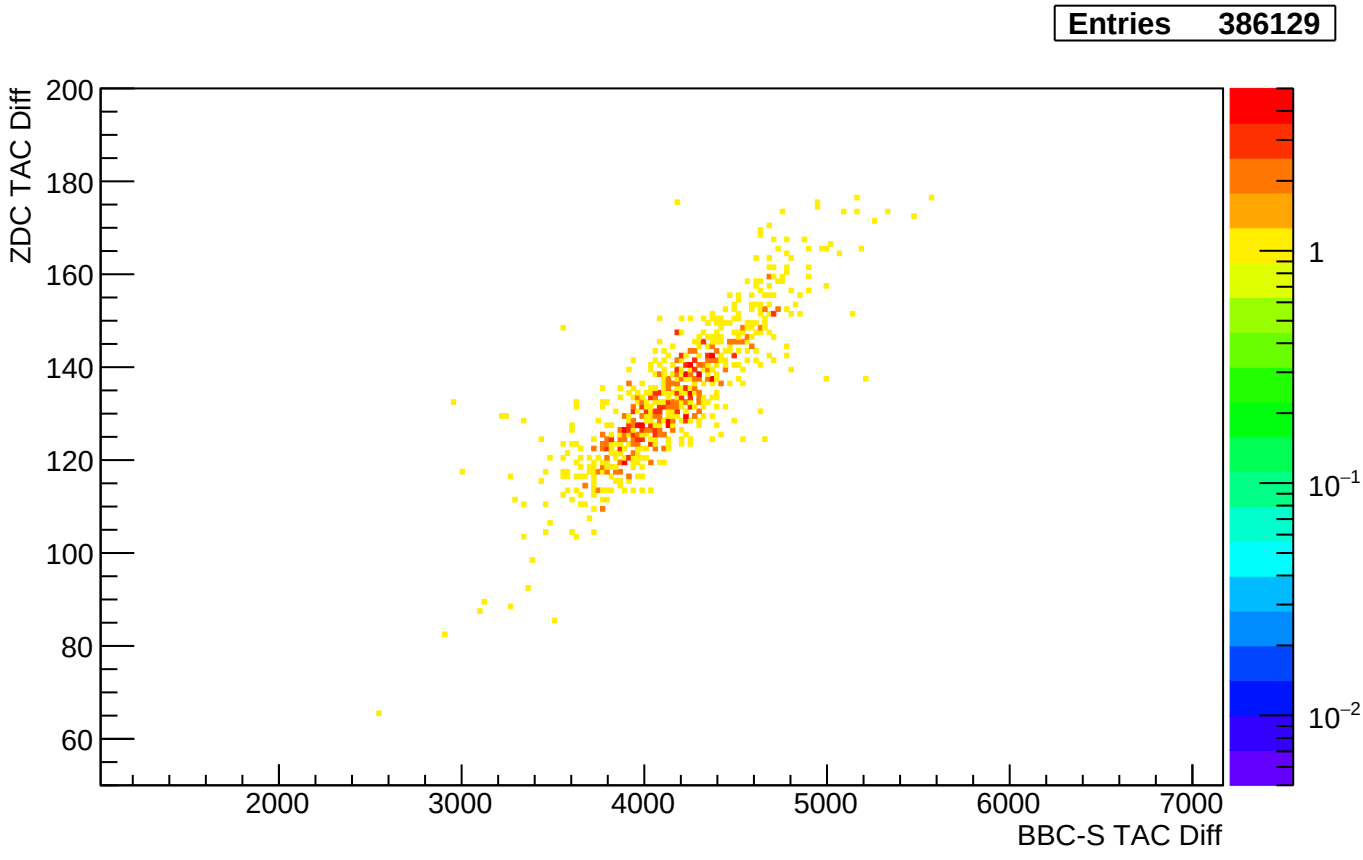

Entries 386129
TOF-Mult
EPD-West Hit Cnt

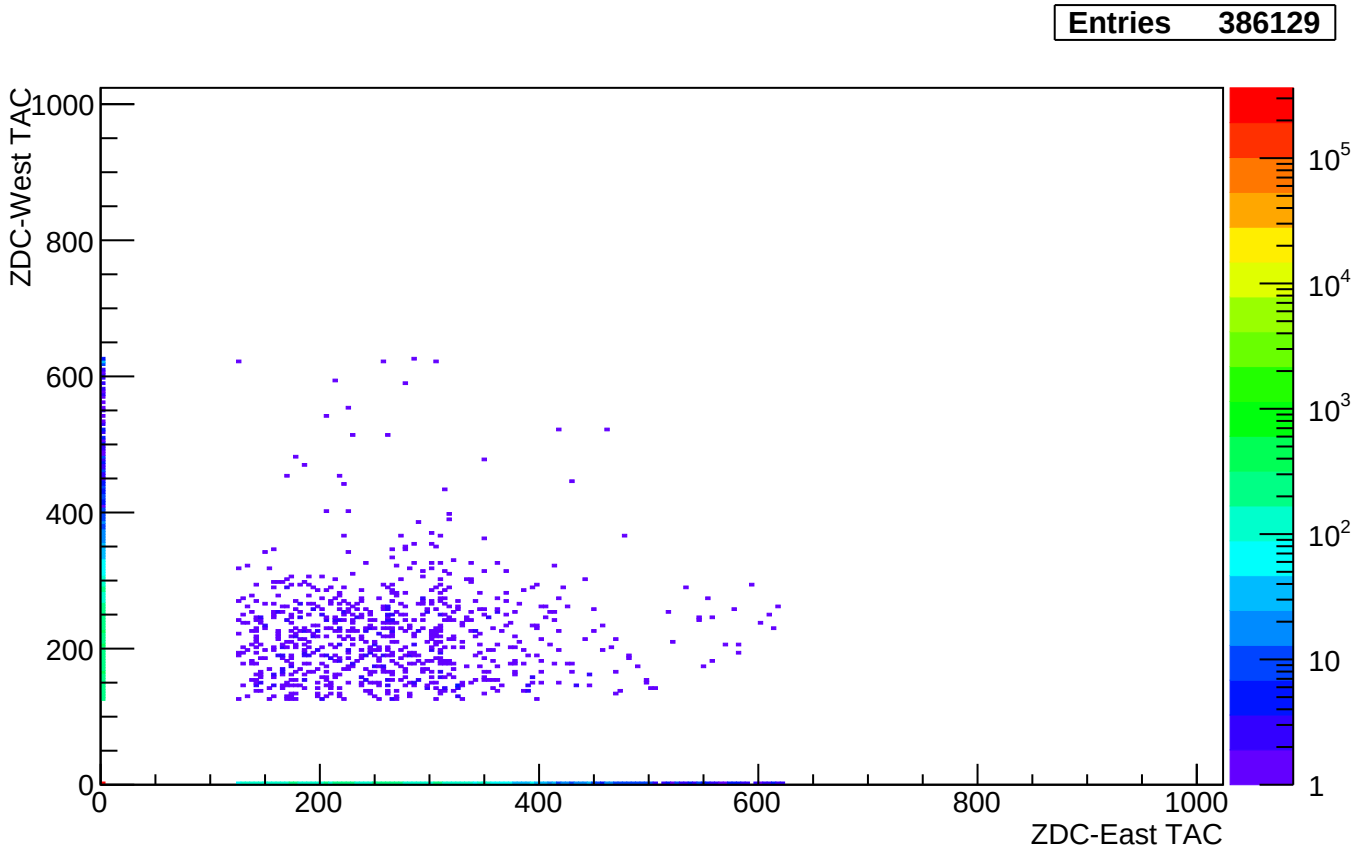

Entries 386129
TOF-Mult
VPD-East ADC Sum

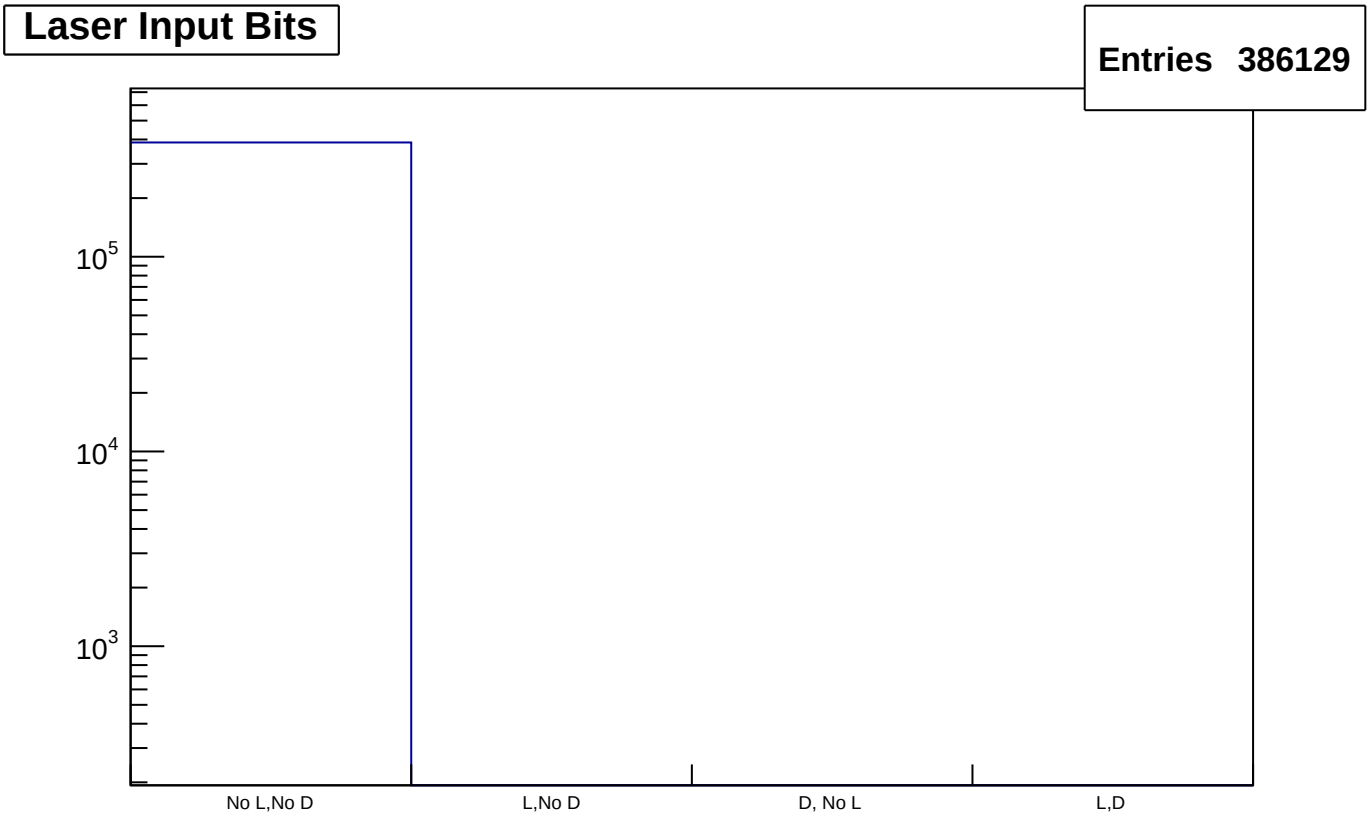

Entries 386129
TOF-Mult
VPD-West ADC Sum

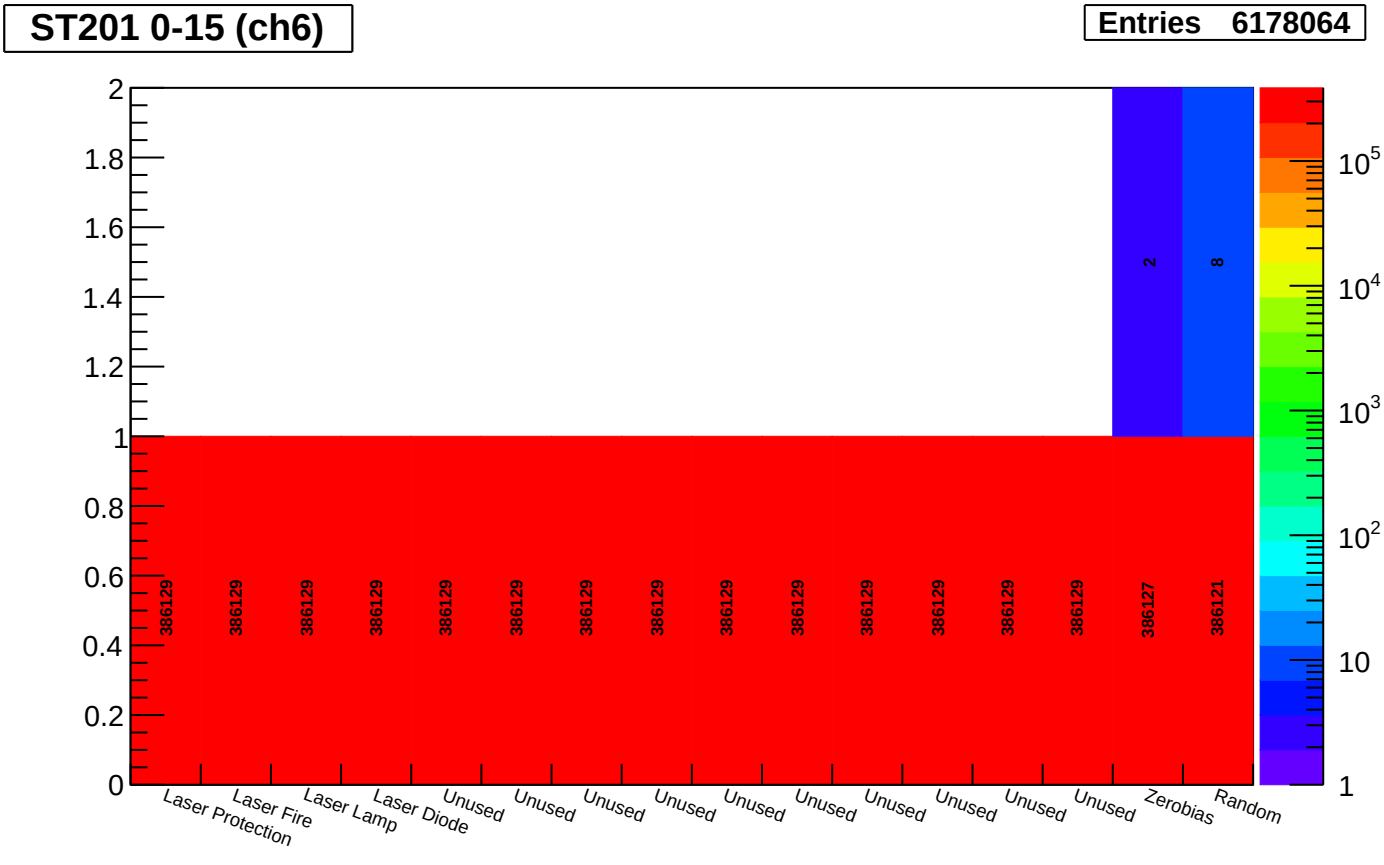

Entries 386129
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

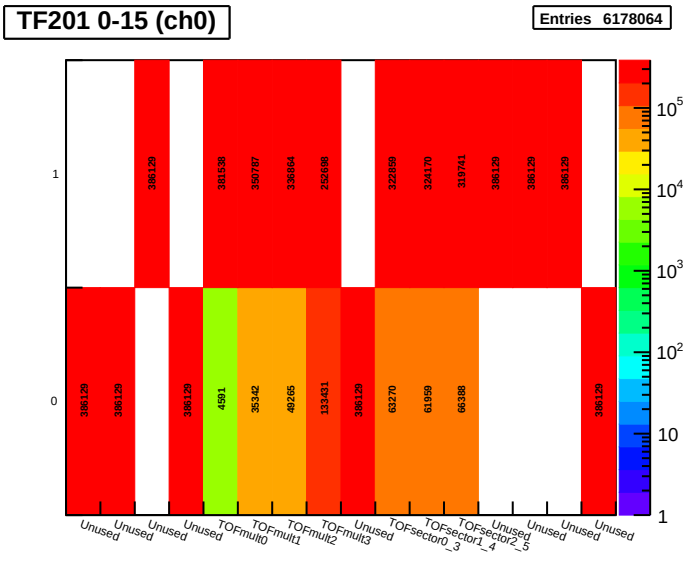

Entries 386129
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

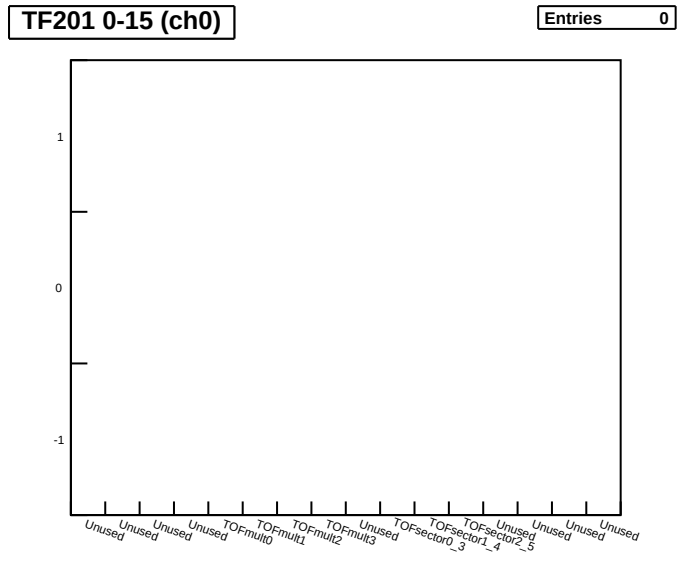

Entries 386129
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

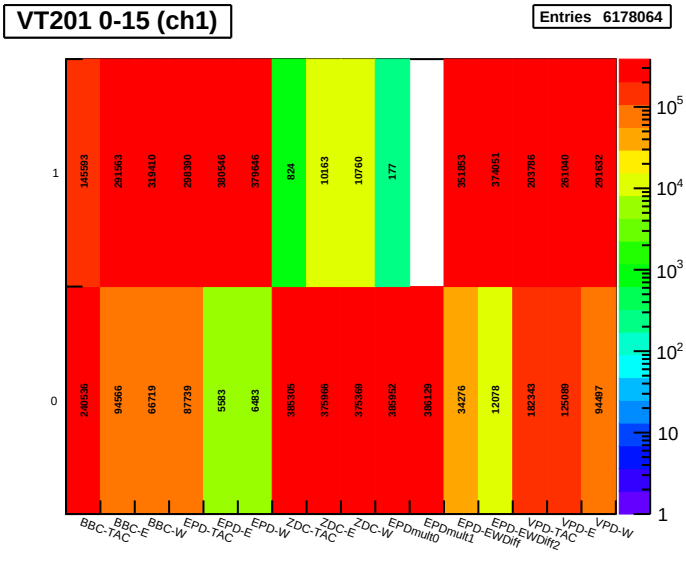

Entries 386129
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

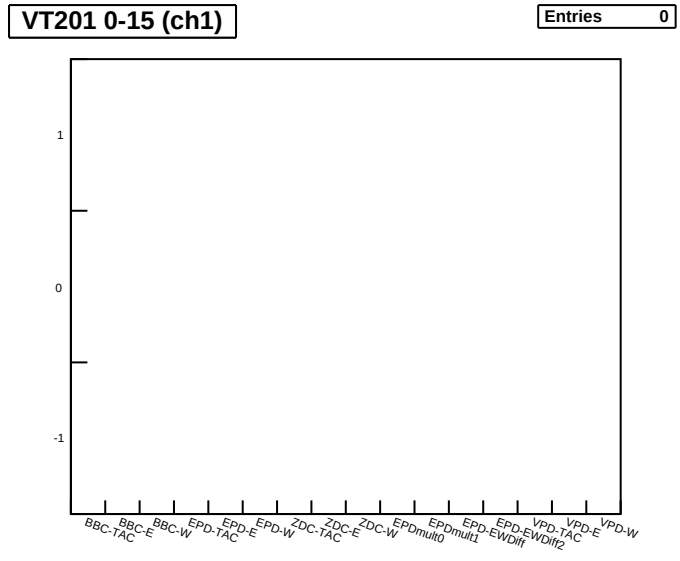

Laser Input Bits
Entries 386129
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

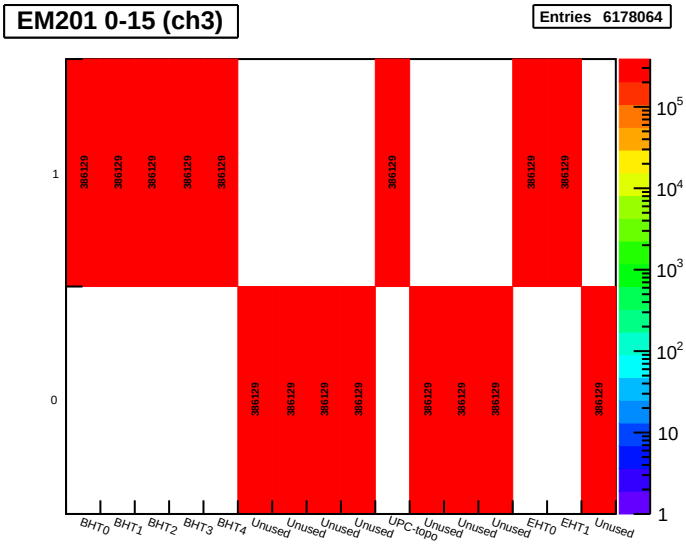

ST201 0-15 (ch6)
Entries 6178064
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
386129
386129
386129
386129
386129
386129
386129
386129
386129
386129
386129
386129
386129
386129
386127
386121
2
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

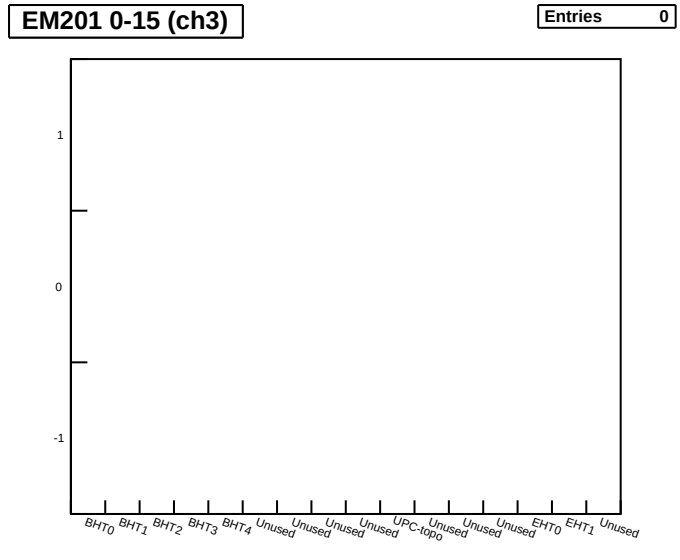

TF201 0-15 (ch0)
Entries 6178064
1
0
386129 386129 386129 386129 386129 386129 386129 386129 386129 386129 386129 386129 386129 386129 386129 386129
4591 35342 49265 133431 63270 61959 66388
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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


VT201 0-15 (ch1)
Entries 6178064
1
0
145593 291563 319410 298390 360546 379646 824 10163 10760 177 351853 374051 203766 261040 291632
240536 94566 66719 87739 5583 6483 385305 375966 375369 385952 386129 34276 12078 182343 125089 94497
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
1 10 10^2 10^3 10^4 10^5


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 6178064
1
0
386129 386129 386129 386129 386129 386129 386129 386129 386129 386129 386129 386129 386129 386129 386129 386129
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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