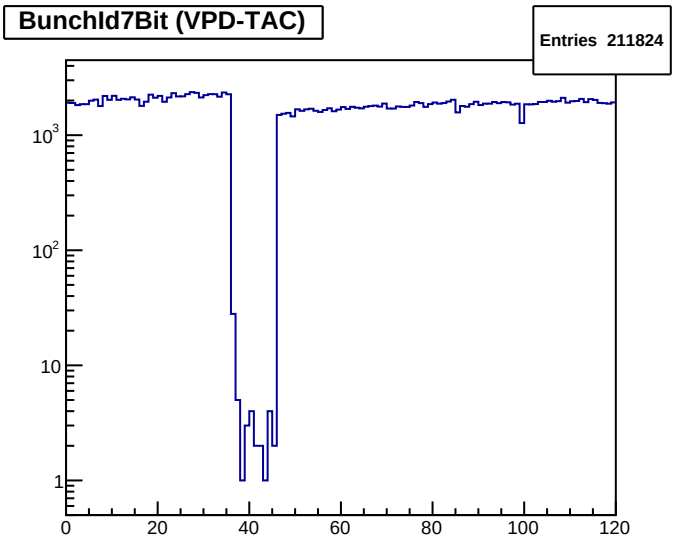
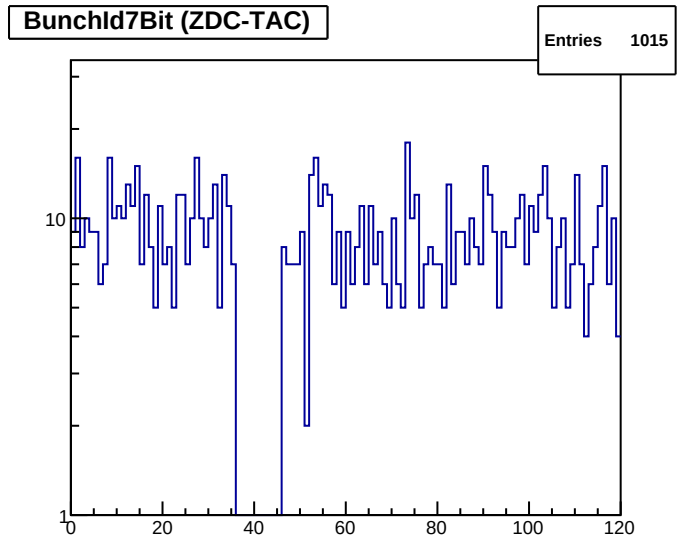
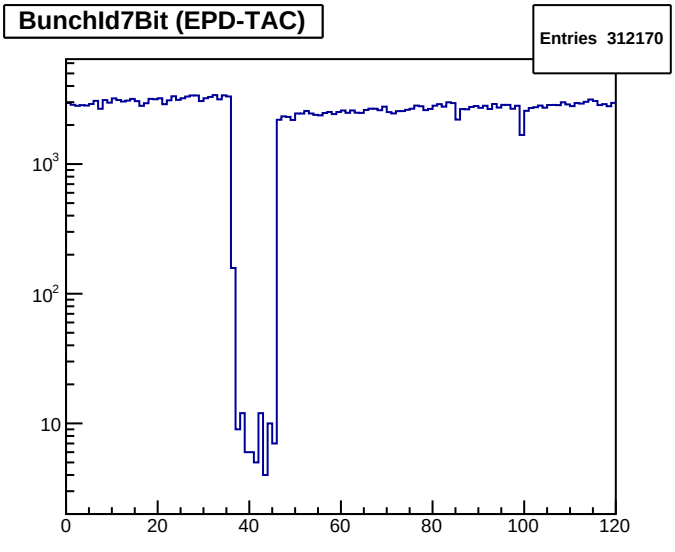
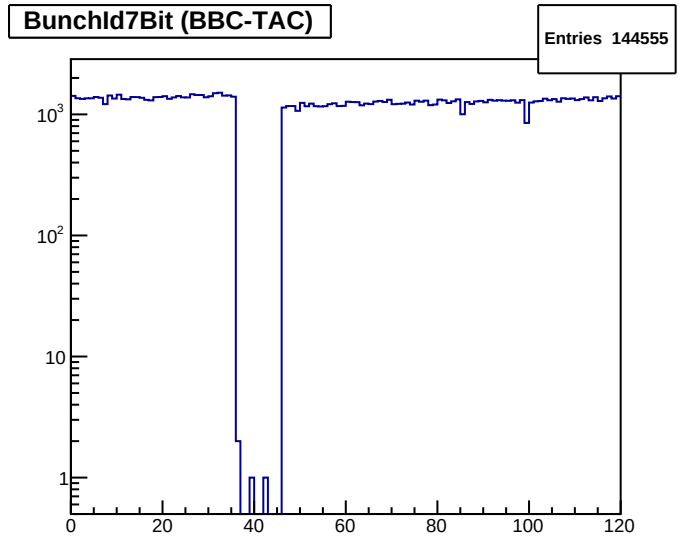
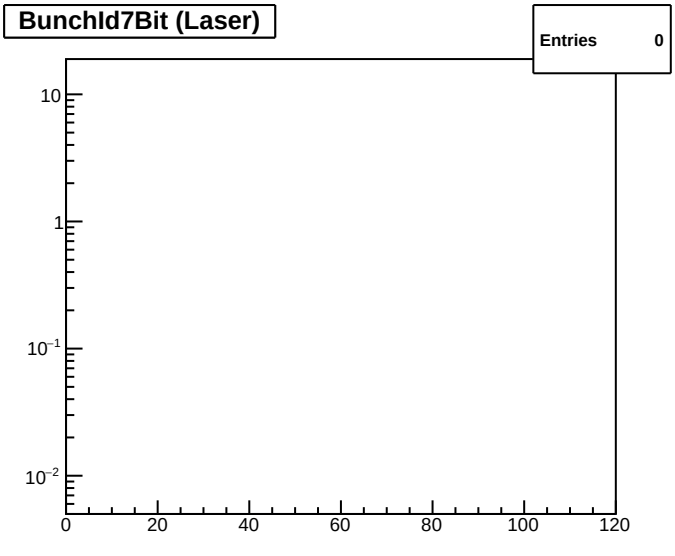
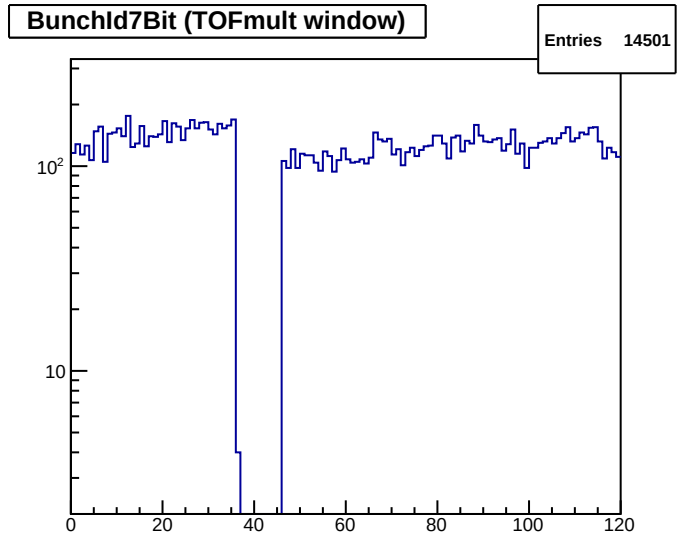

BunchId7Bit (VPD-TAC)
Entries 211824

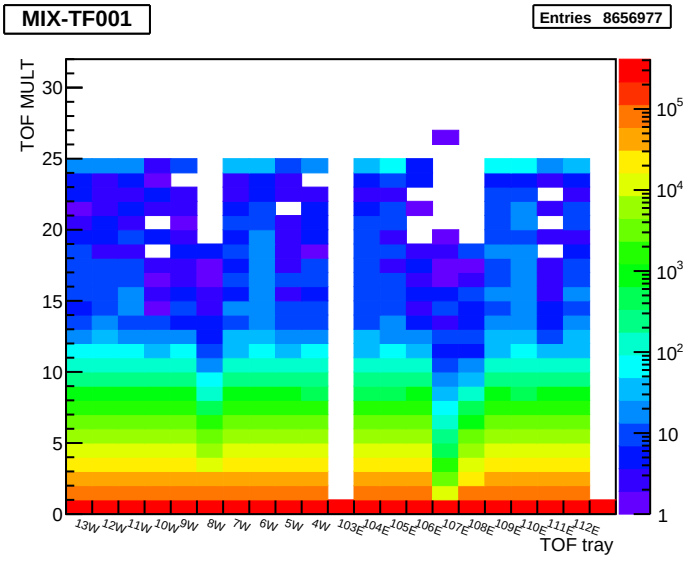

BunchId7Bit (ZDC-TAC)
Entries 1015

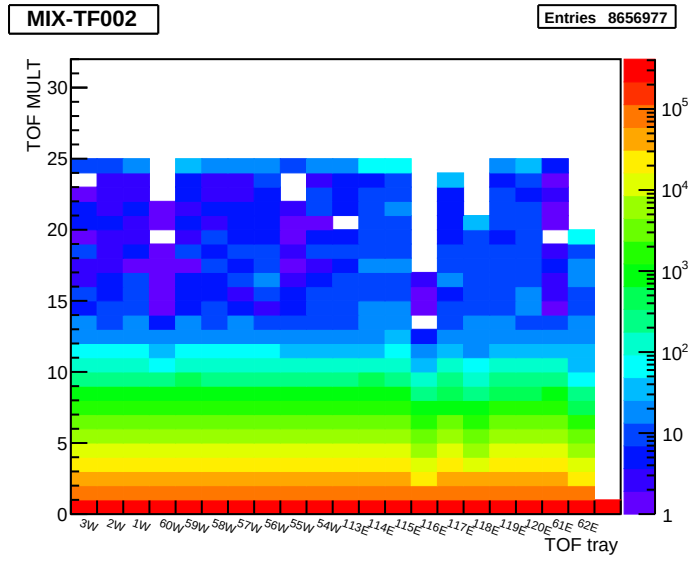

BunchId7Bit (EPD-TAC)
Entries 312170

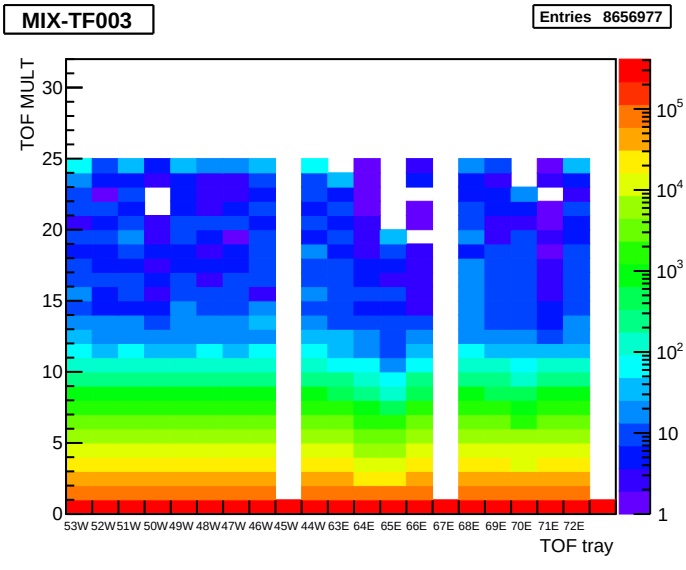

BunchId7Bit (BBC-TAC)
Entries 144555

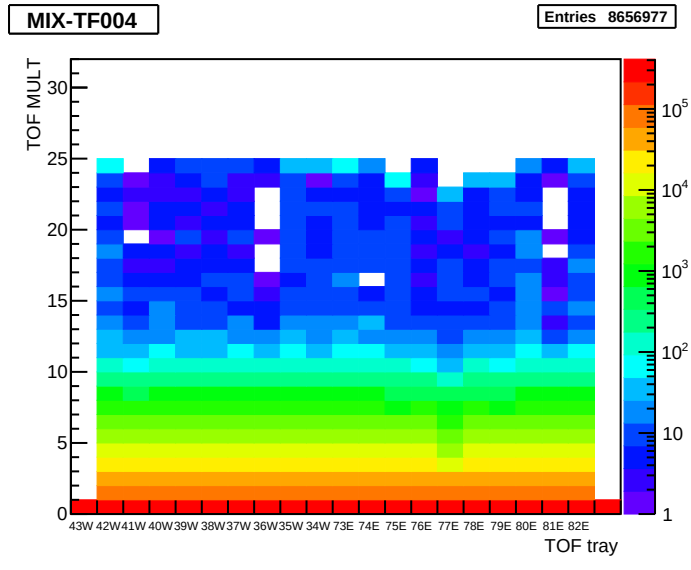

BunchId7Bit (Laser)
Entries 0

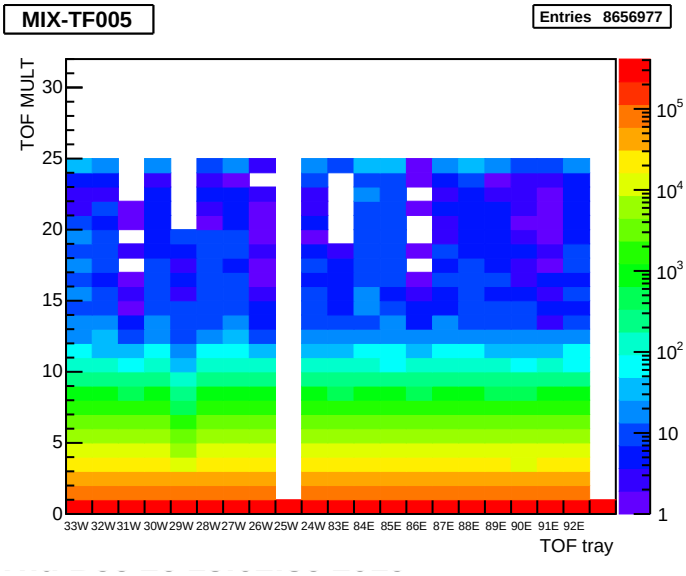

BunchId7Bit (TOFmult window)
Entries 14501

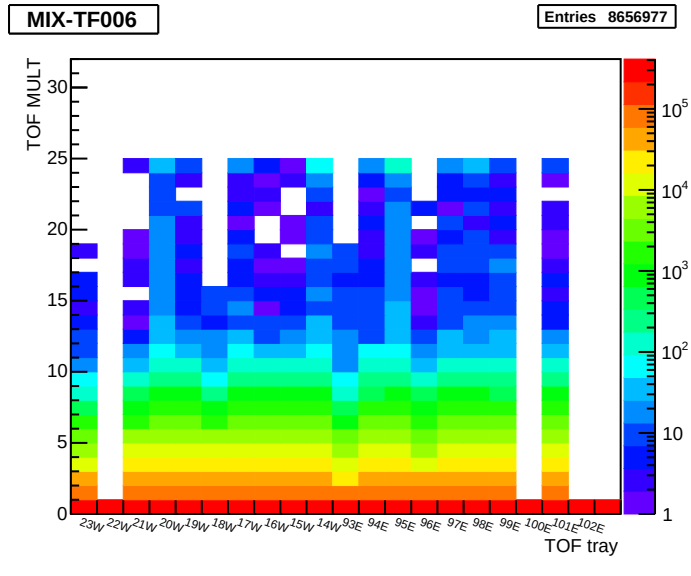

MIX-TF001
Entries 8656977
TOF MULT
TOF tray

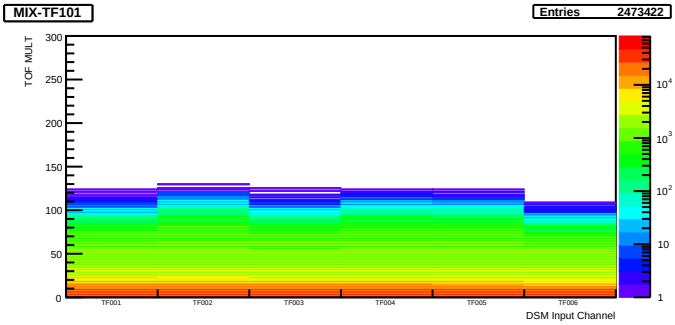

MIX-TF002
Entries 8656977
TOF MULT
TOF tray

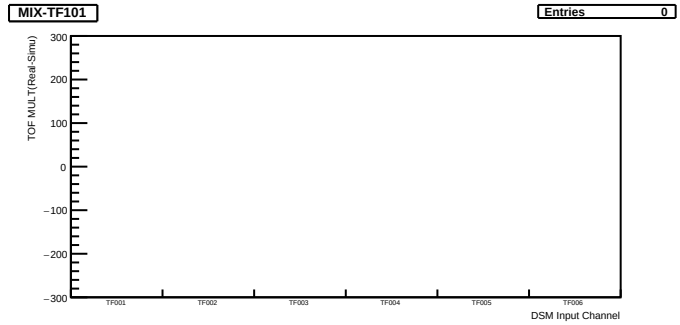

MIX-TF003
Entries 8656977
TOF MULT
TOF tray

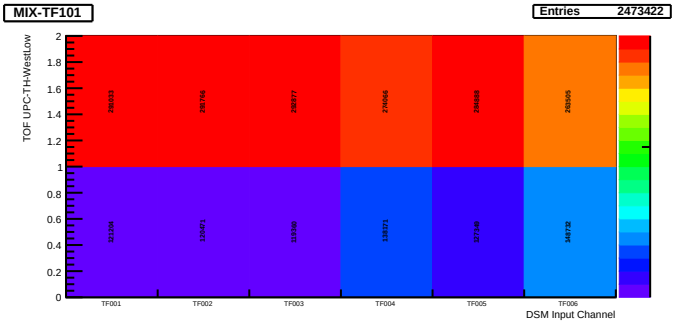

MIX-TF004
Entries 8656977
TOF MULT
TOF tray

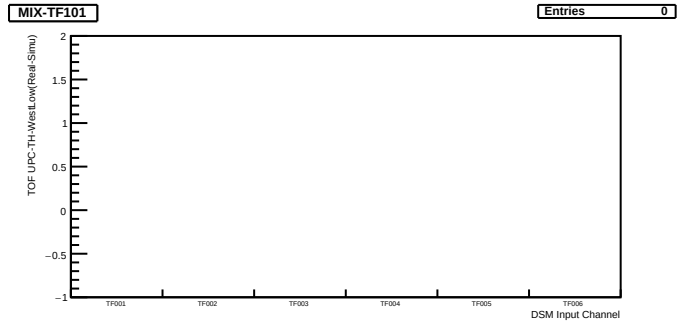

MIX-TF005
Entries 8656977
TOF MULT
TOF tray

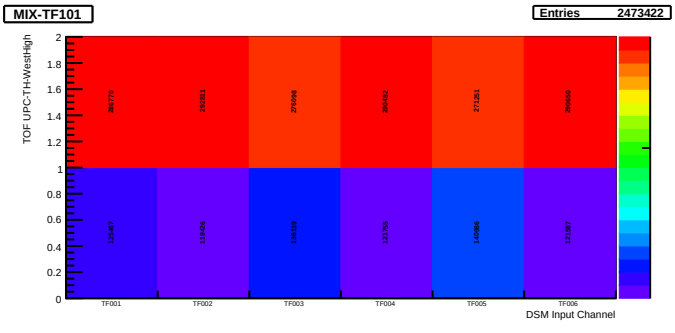

MIX-TF006
Entries 8656977
TOF MULT
TOF tray

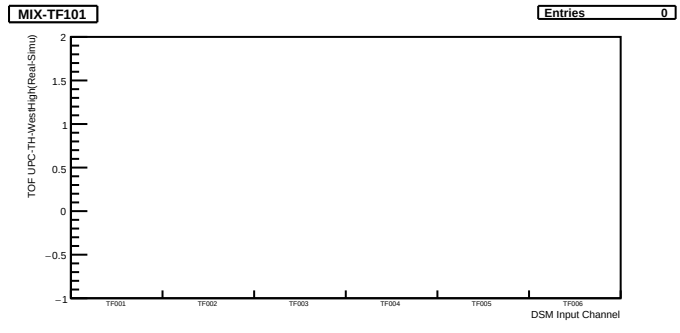

MIX-TF101
Entries 2473422
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

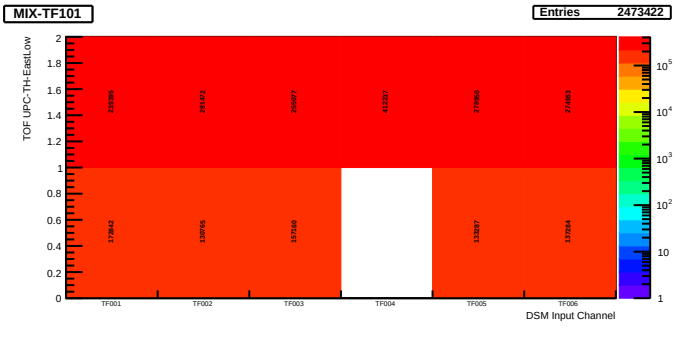

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

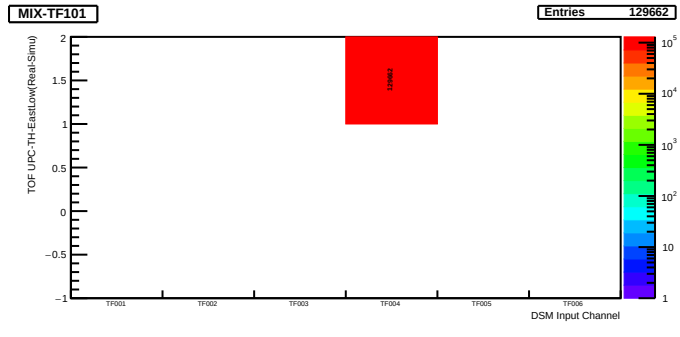

MIX-TF101
Entries 2473422
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

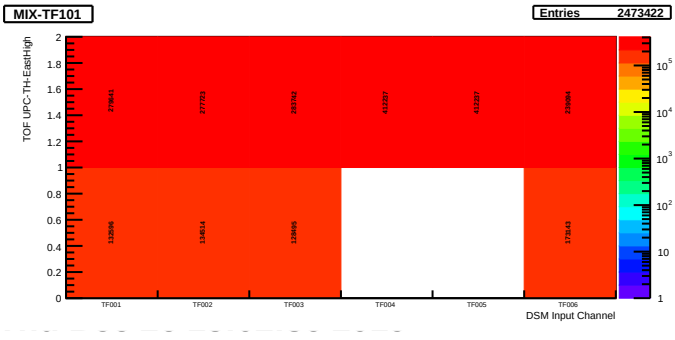

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

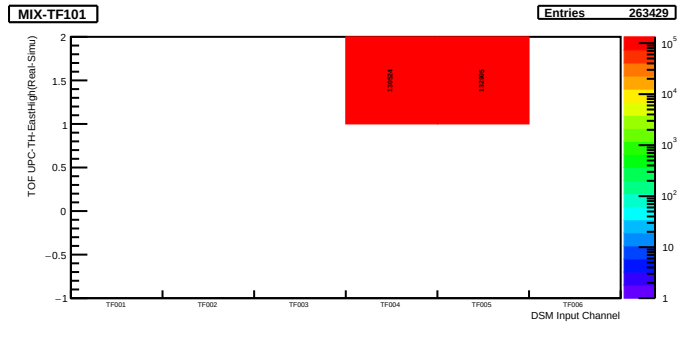

MIX-TF101
Entries 2473422
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

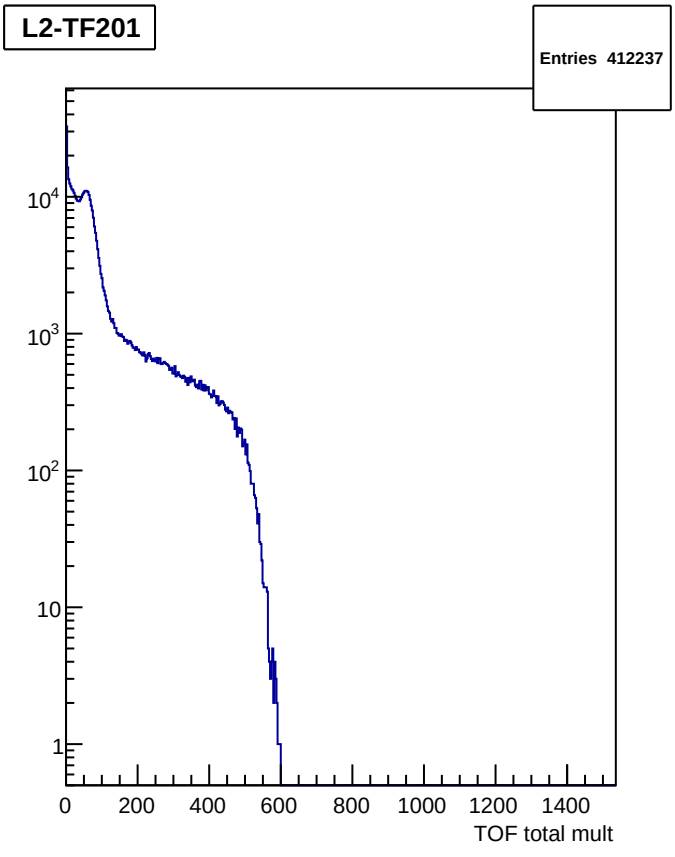

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

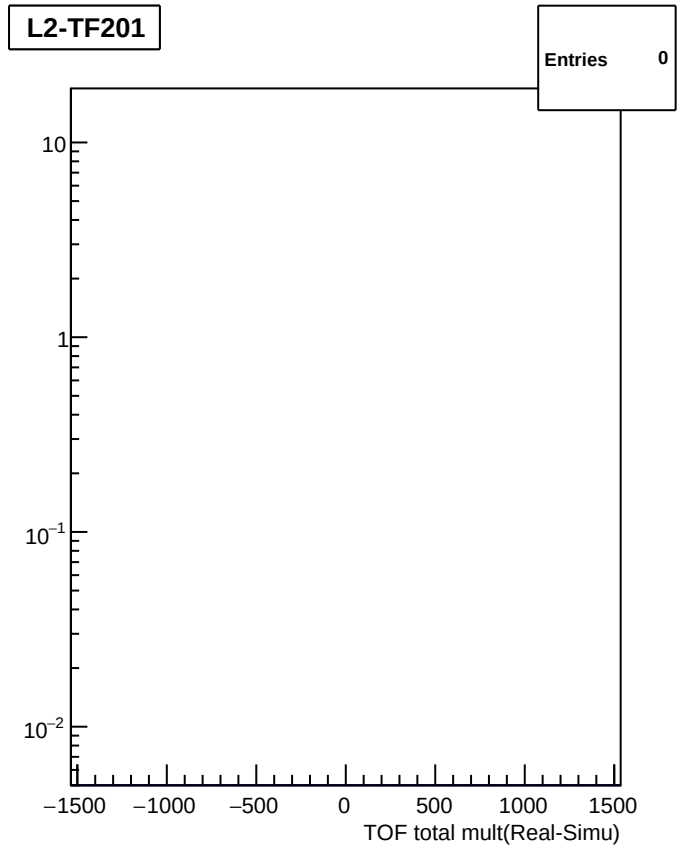

MIX-TF101
Entries 2473422
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

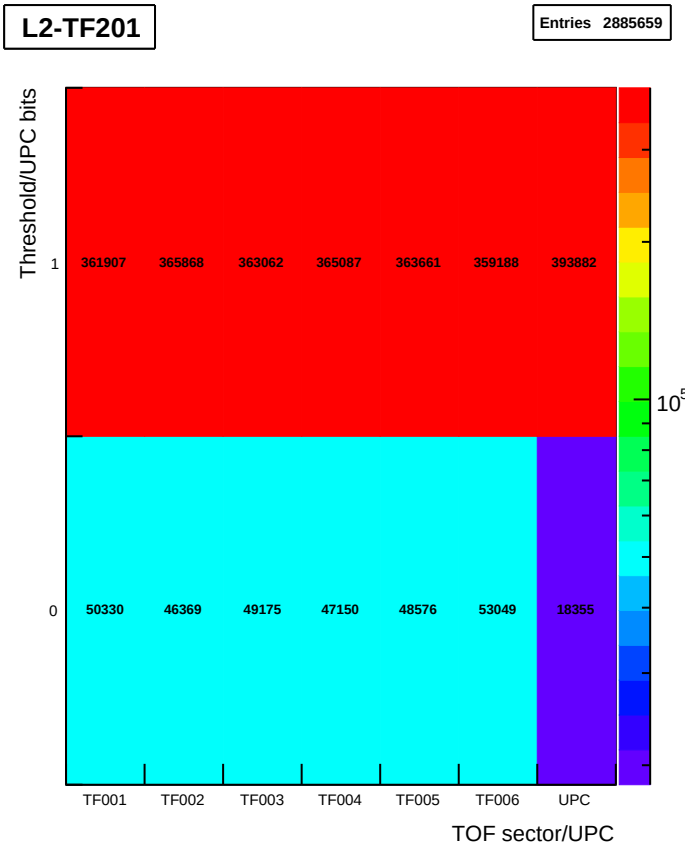

MIX-TF101
Entries 129662
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

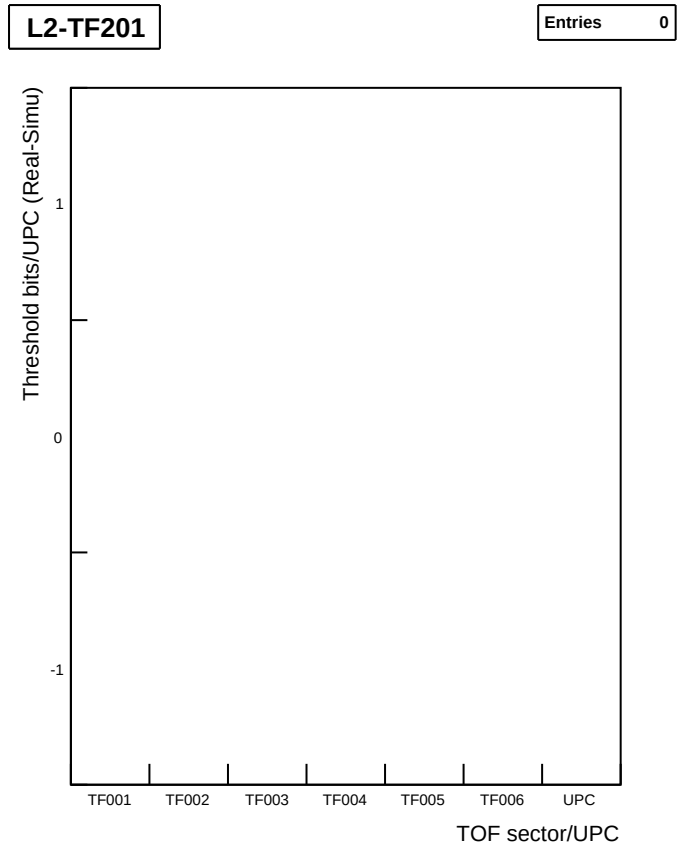

MIX-TF101
Entries 2473422
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

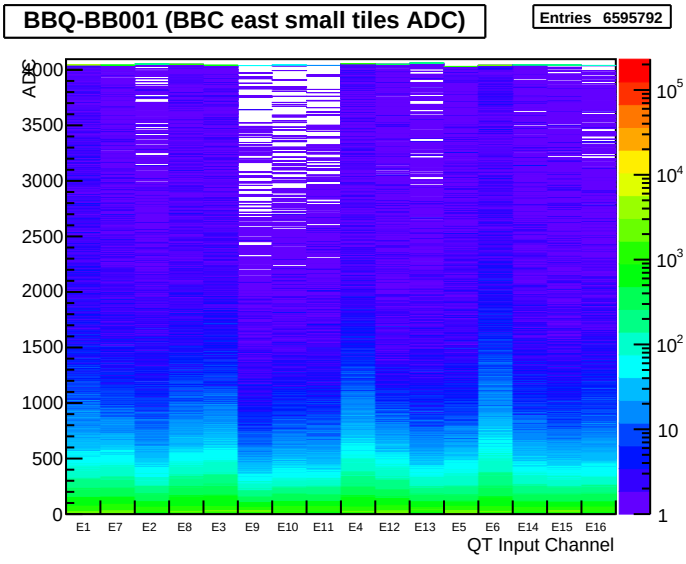

MIX-TF101
Entries 263429
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

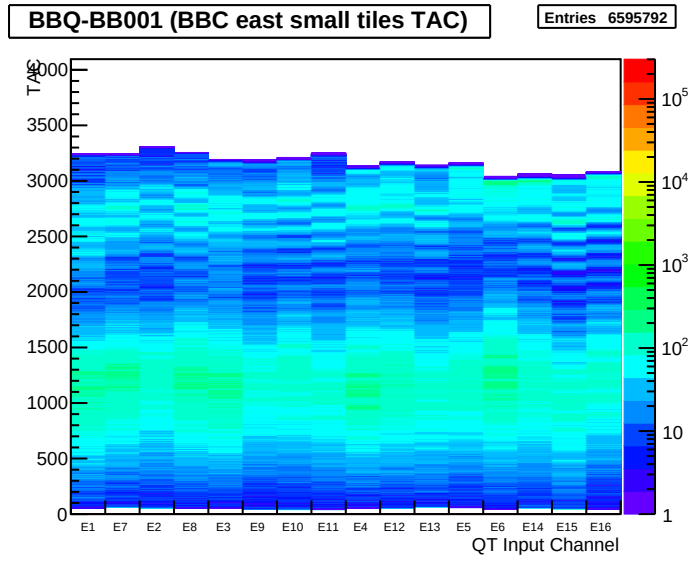

L2-TF201
Entries 412237
TOF total mult

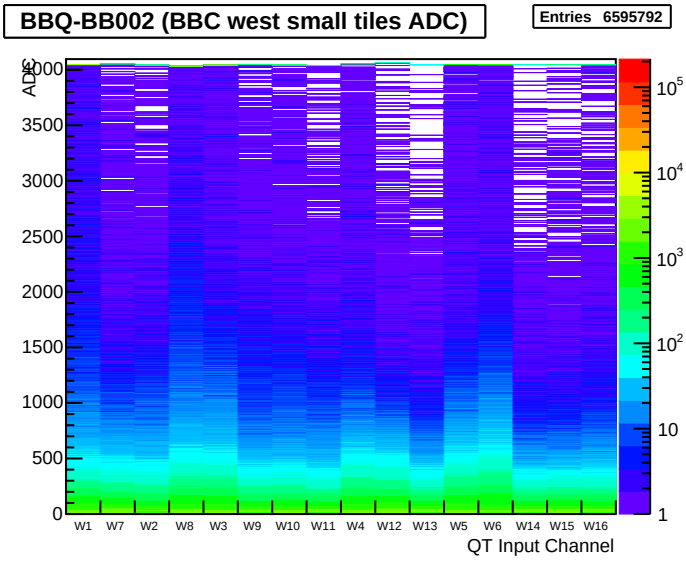

L2-TF201
Entries 0
TOF total mult(Real-Simu)

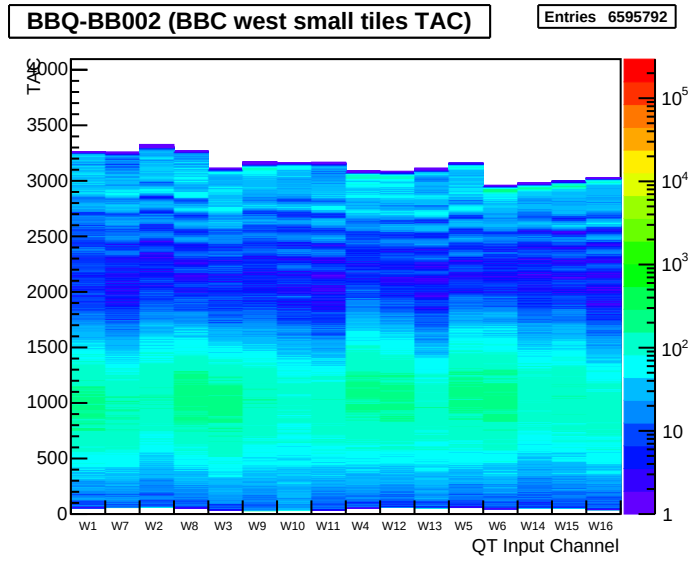

L2-TF201
Entries 2885659
Threshold/UPC bits
361907 365868 363062 365087 363661 359188 393882
50330 46369 49175 47150 48576 53049 18355
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

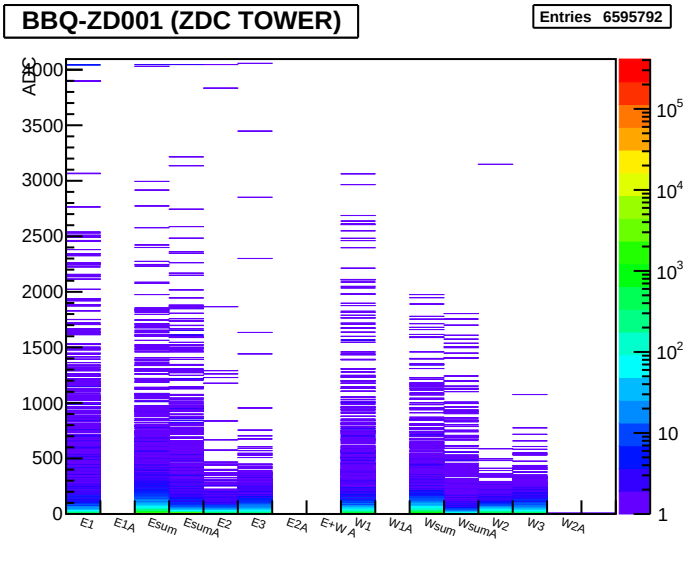

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

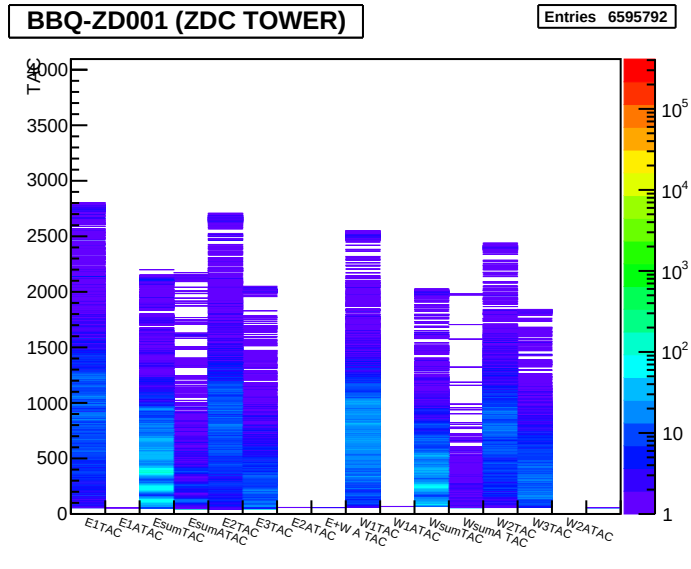

BBQ-BB001 (BBC east small tiles ADC)
Entries 6595792
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

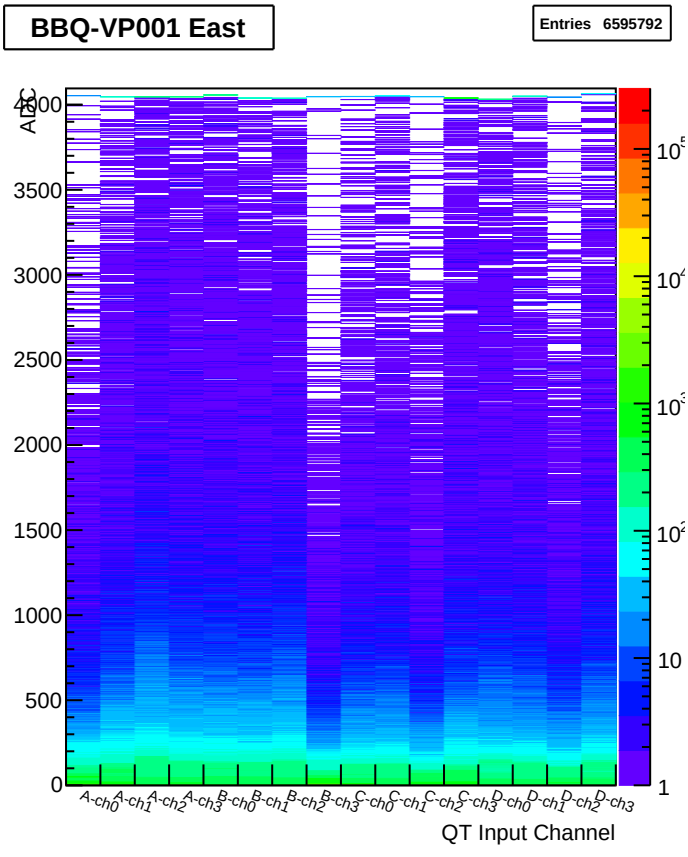

BBQ-BB001 (BBC east small tiles TAC)
Entries 6595792
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

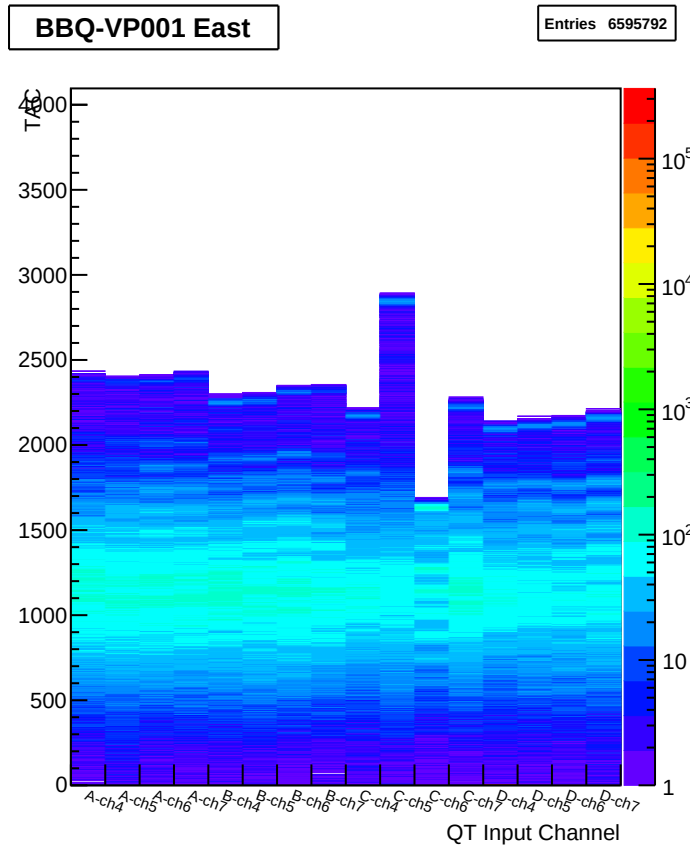

BBQ-BB002 (BBC west small tiles ADC)
Entries 6595792
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

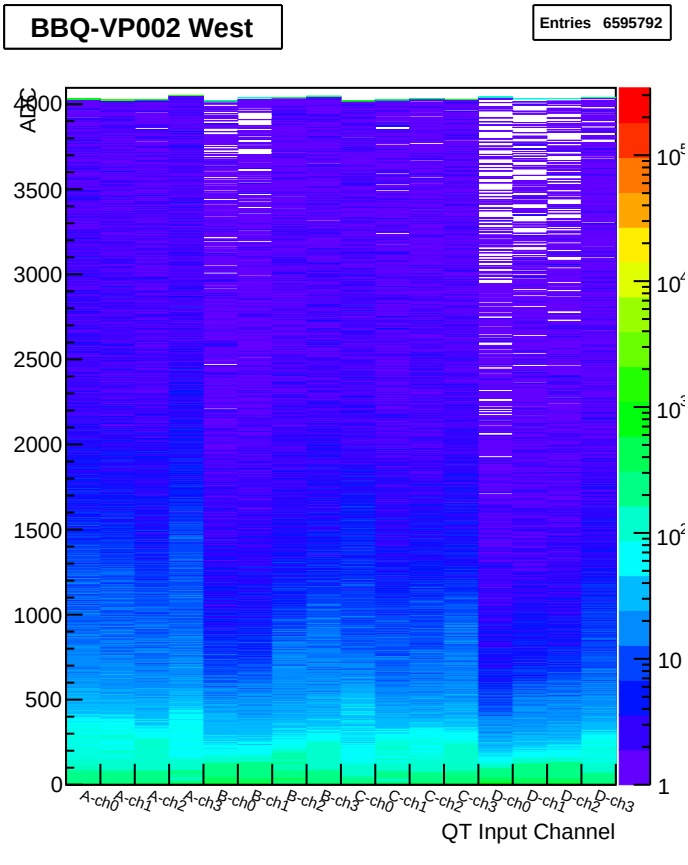

BBQ-BB002 (BBC west small tiles TAC)
Entries 6595792
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

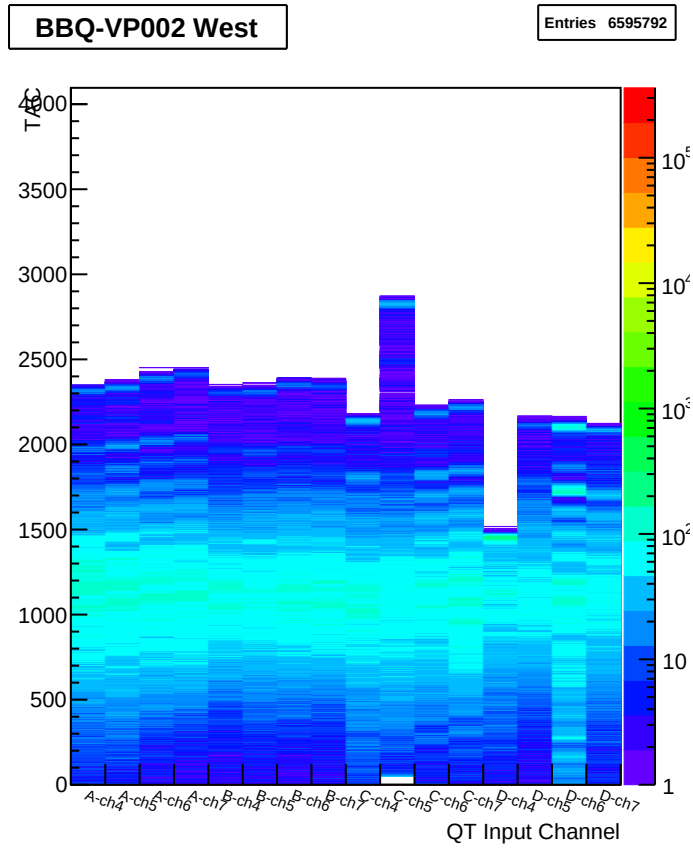

BBQ-ZD001 (ZDC TOWER)
Entries 6595792
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

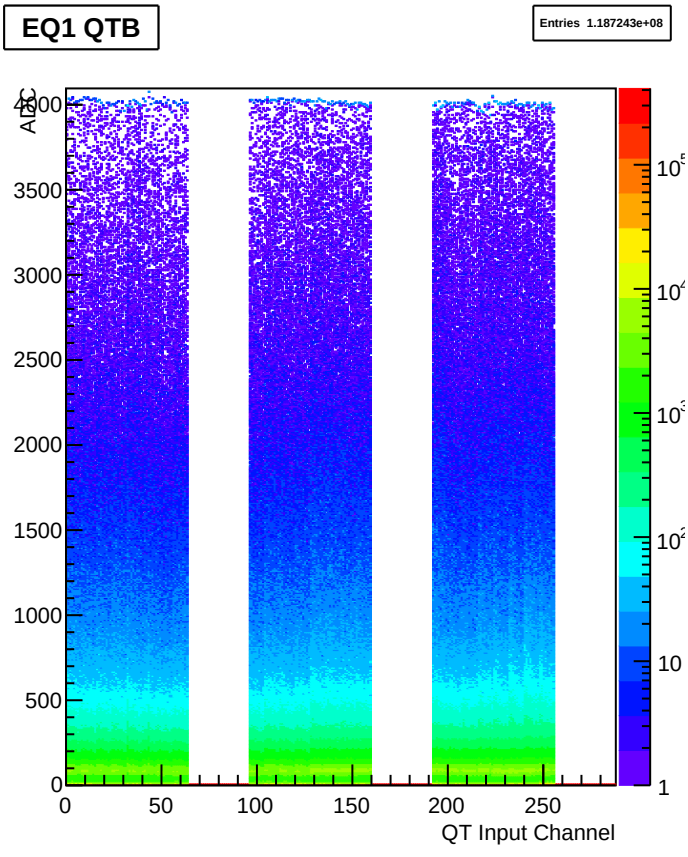

BBQ-ZD001 (ZDC TOWER)
Entries 6595792
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

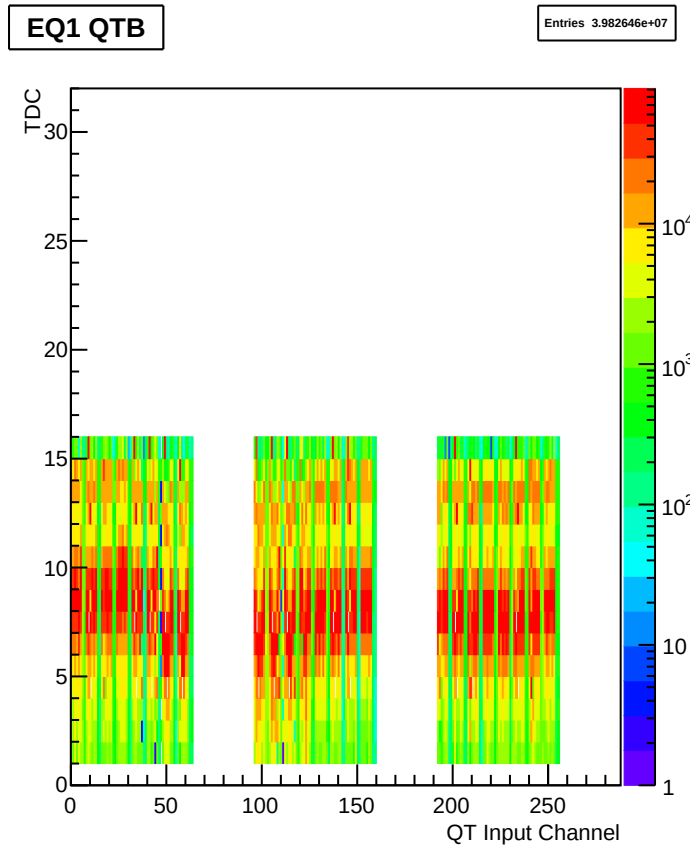

BBQ-VP001 East
Entries 6595792
ADC
QT Input Channel

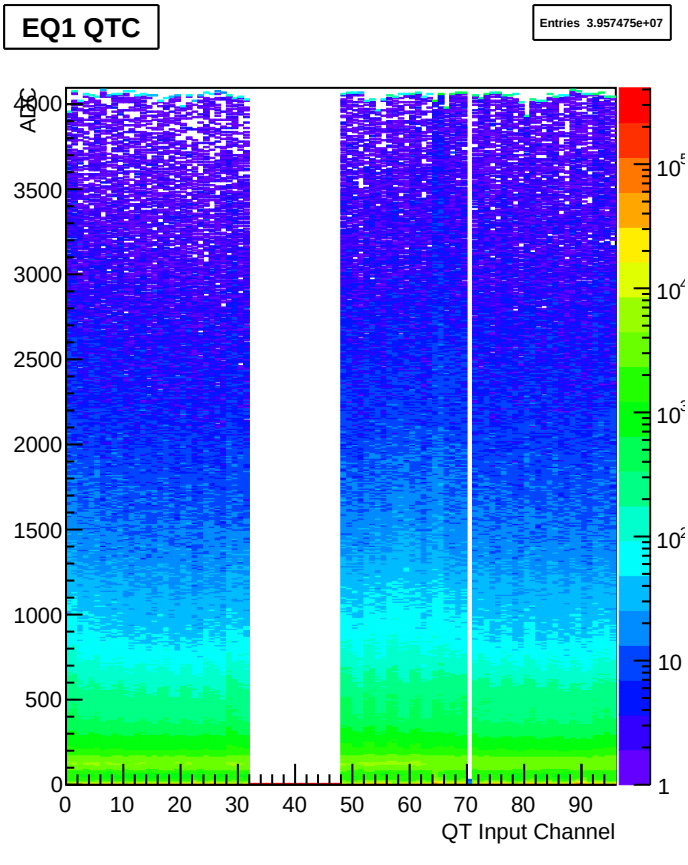

BBQ-VP001 East
Entries 6595792
TADC
QT Input Channel

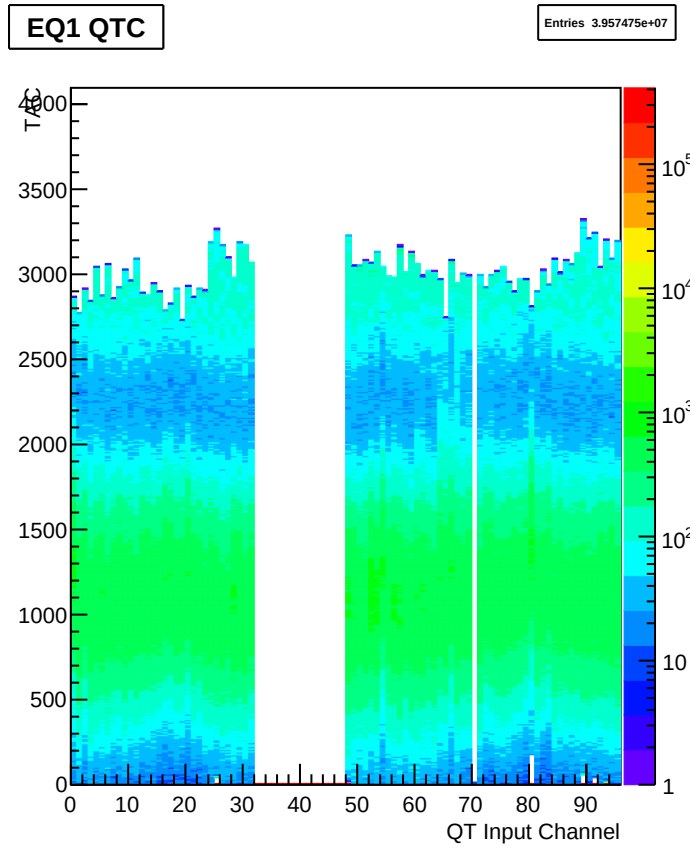

BBQ-VP002 West
Entries 6595792
ADC
QT Input Channel

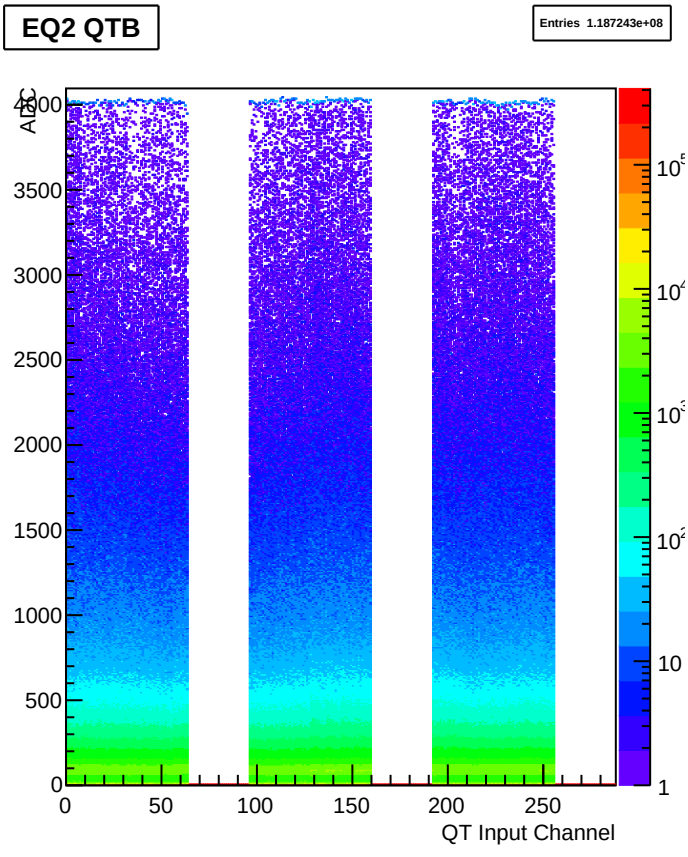

BBQ-VP002 West
Entries 6595792
TADC
QT Input Channel

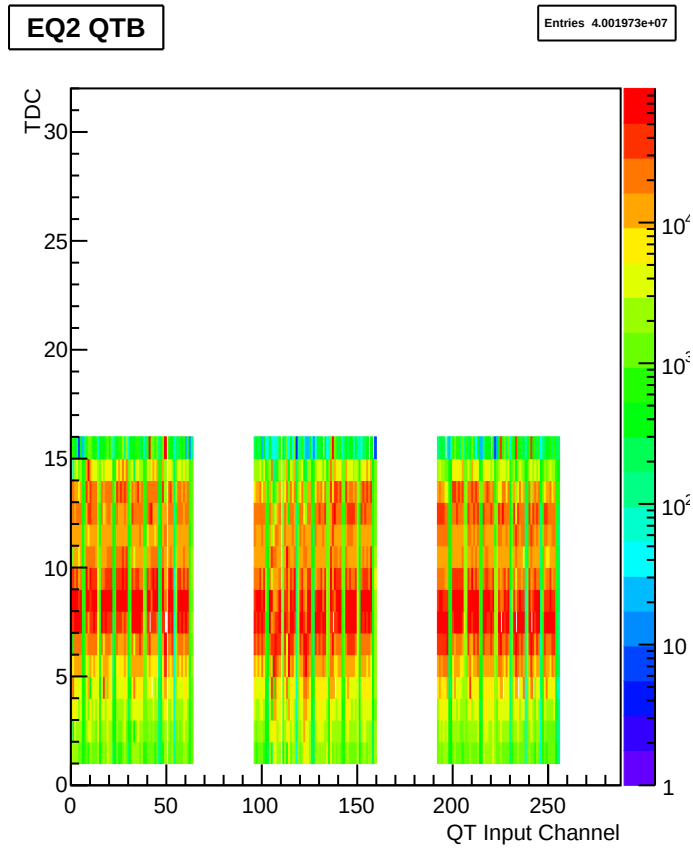

EQ1 QTB
Entries 1.187243e+08
ADC
QT Input Channel

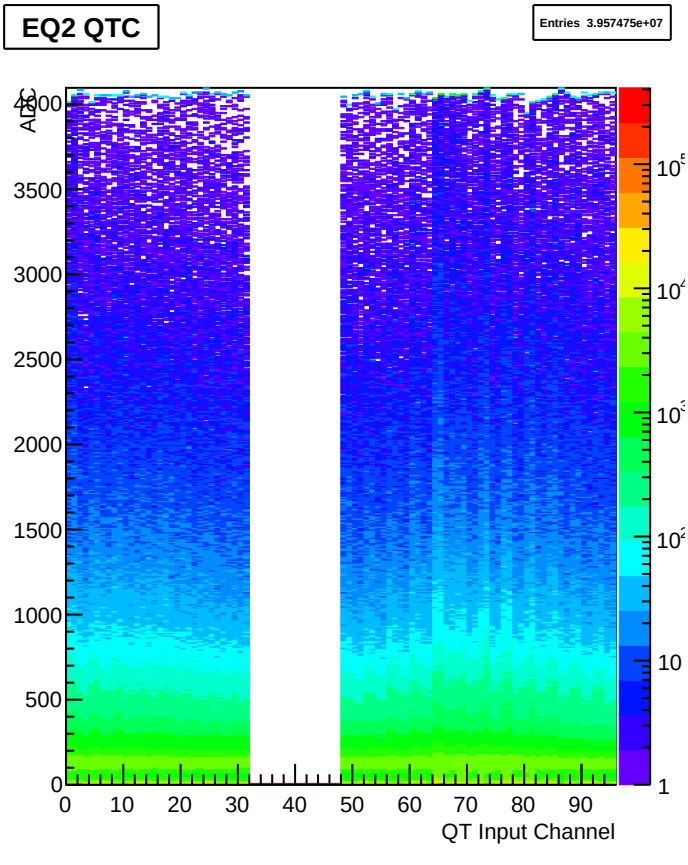

EQ1 QTB
Entries 3.982646e+07
TDC
QT Input Channel

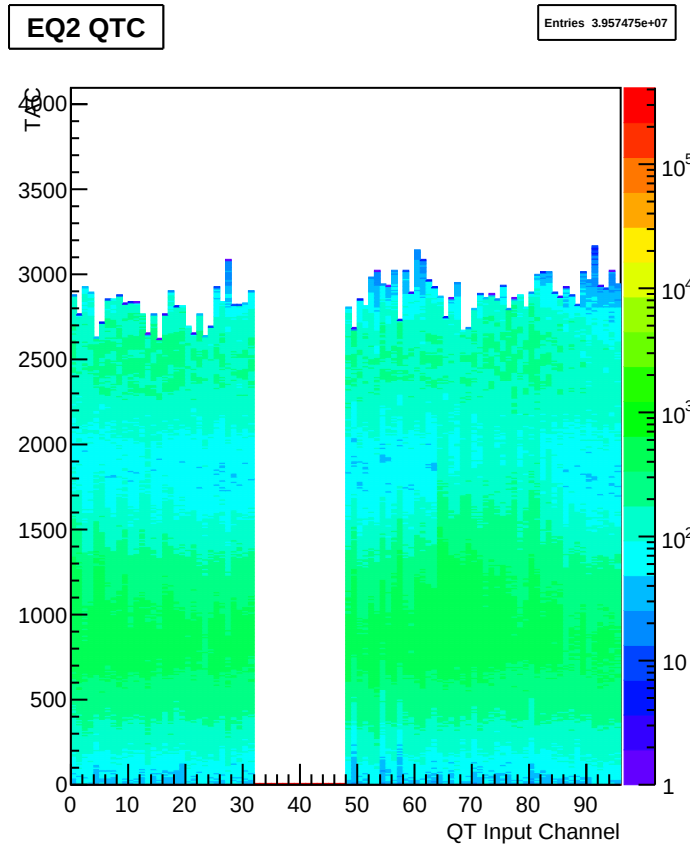

EQ1 QTC
Entries 3.957475e+07
ADC
QT Input Channel

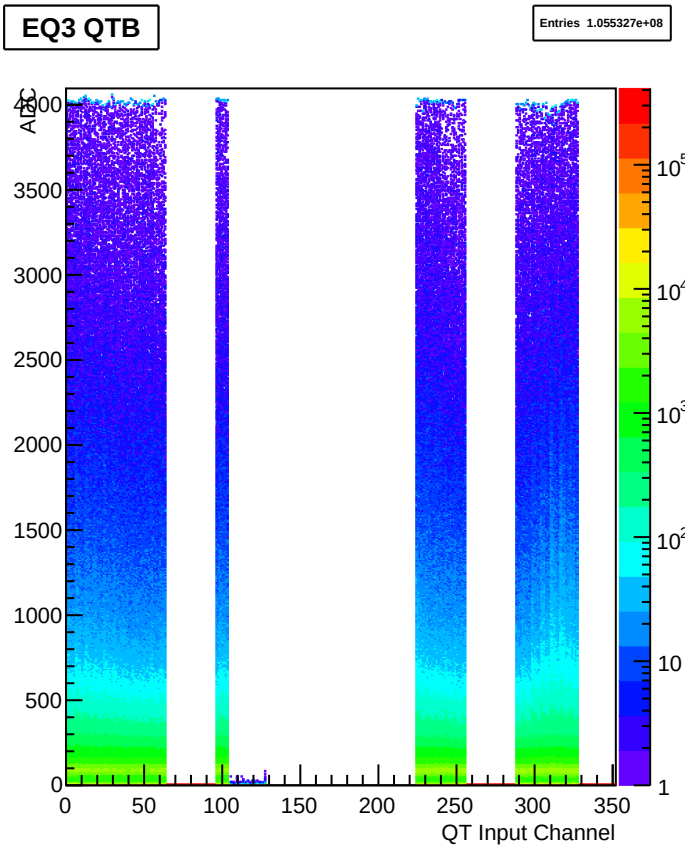

EQ1 QTC
Entries 3.957475e+07
TADC
QT Input Channel

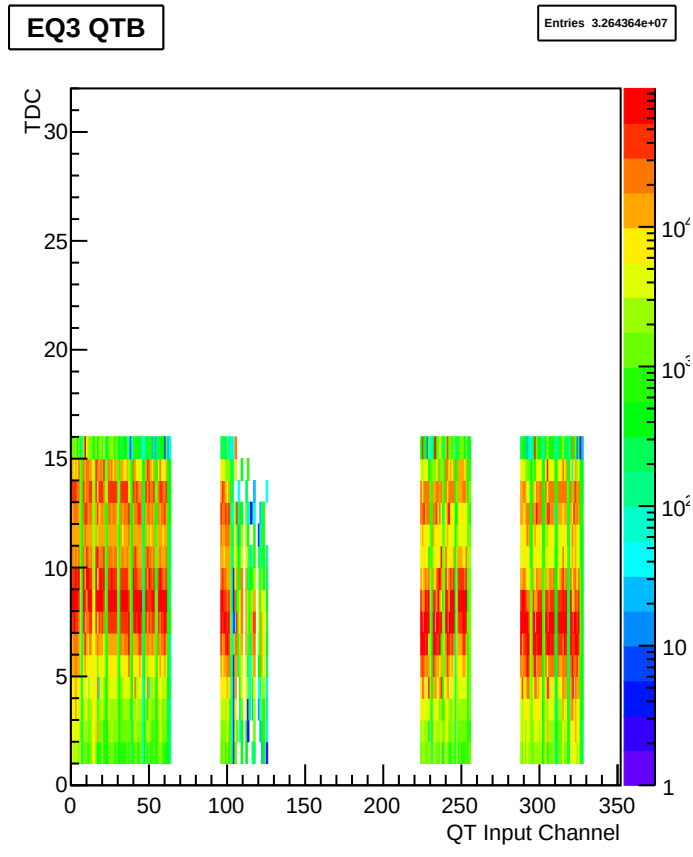

EQ2 QTB
Entries 1.187243e+08
ADC
QT Input Channel

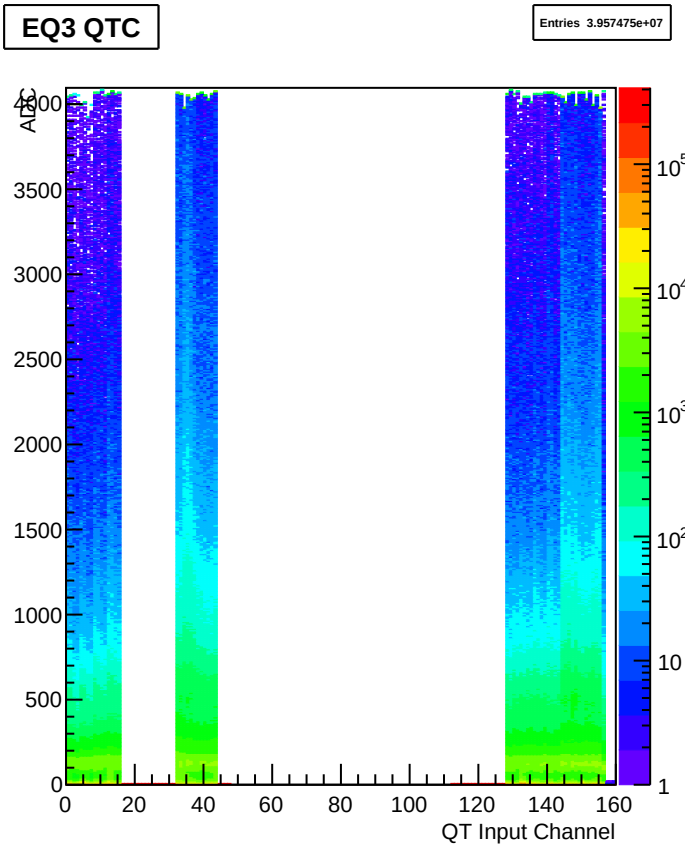

EQ2 QTB
Entries 4.001973e+07
TDC
QT Input Channel

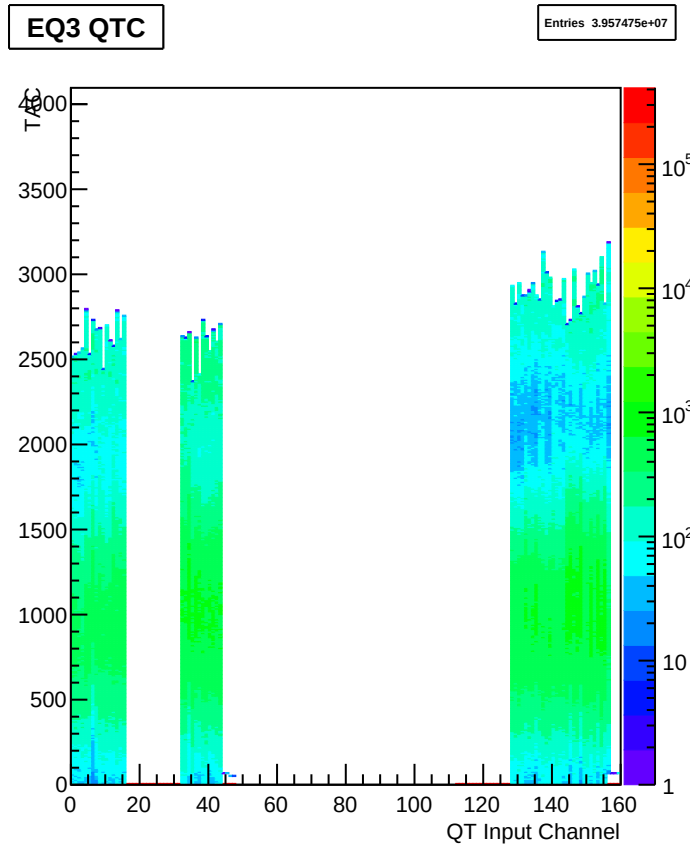

EQ2 QTC
Entries 3.957475e+07
ADC
QT Input Channel

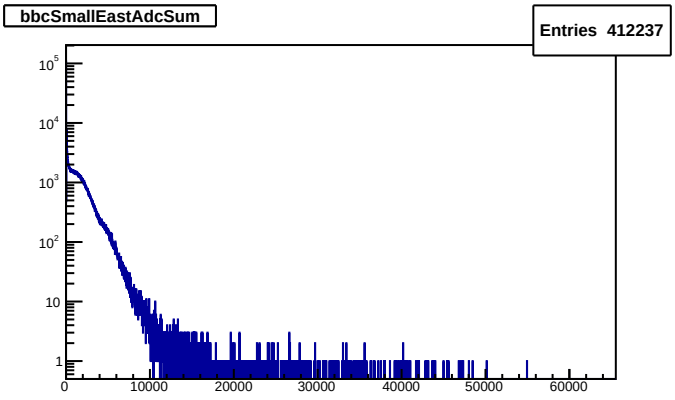

EQ2 QTC
Entries 3.957475e+07
TADC
QT Input Channel

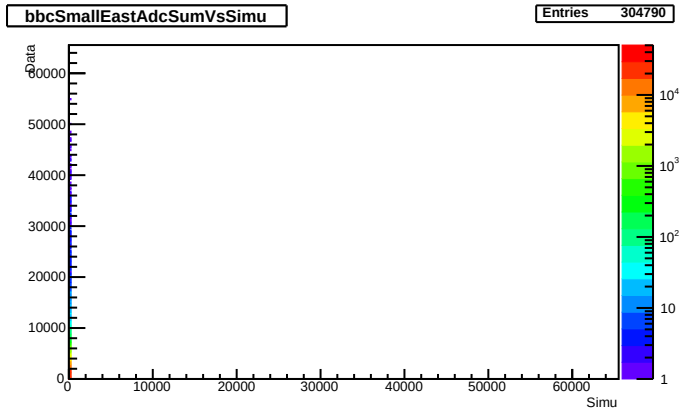

EQ3 QTB
Entries 1.055327e+08
ADC
QT Input Channel

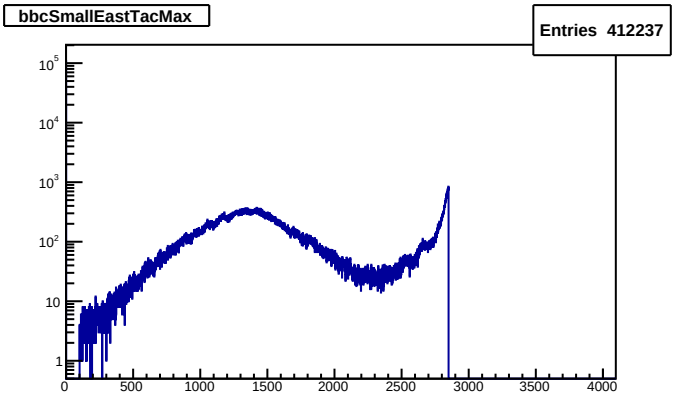

EQ3 QTB
Entries 3.264364e+07
TDC
QT Input Channel

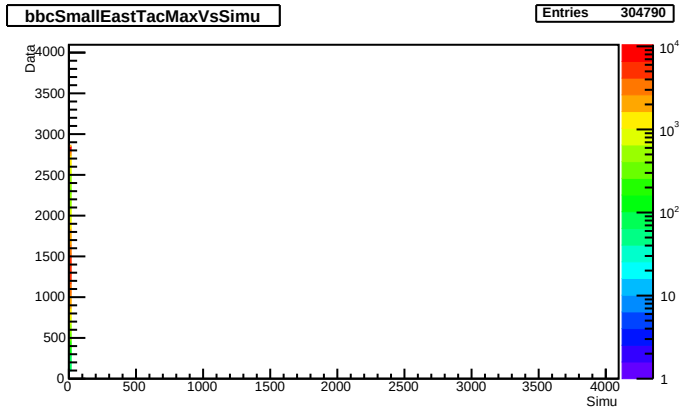

EQ3 QTC
Entries 3.957475e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.957475e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 412237


bbcSmallEastAdcSumVsSimu
Entries 304790
Data
Simu


bbcSmallEastTacMax
Entries 412237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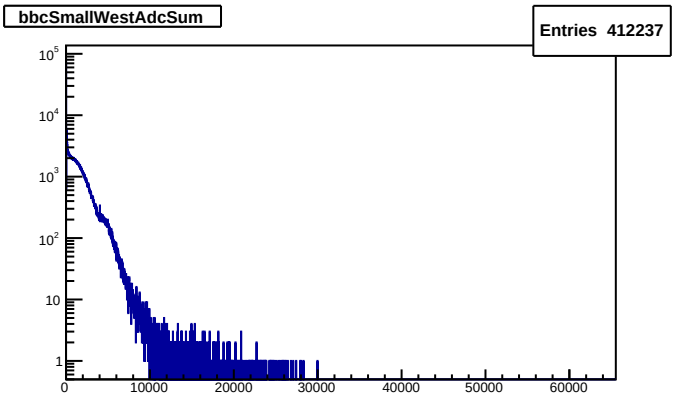
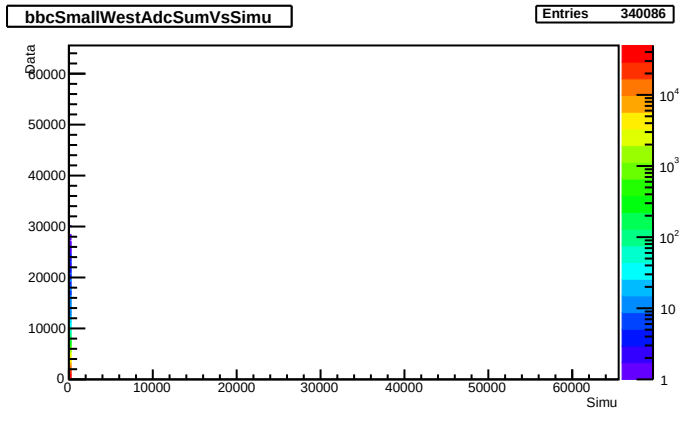
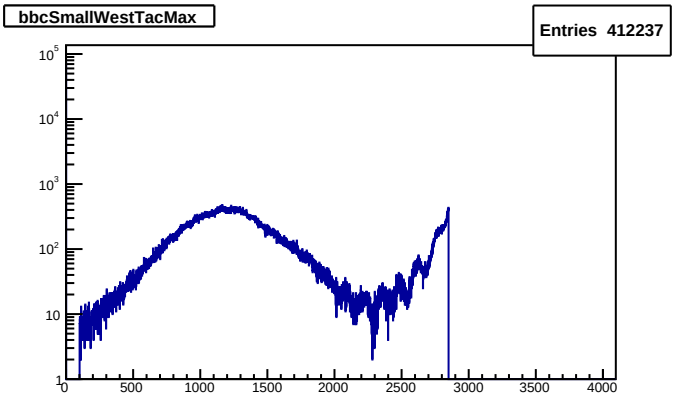
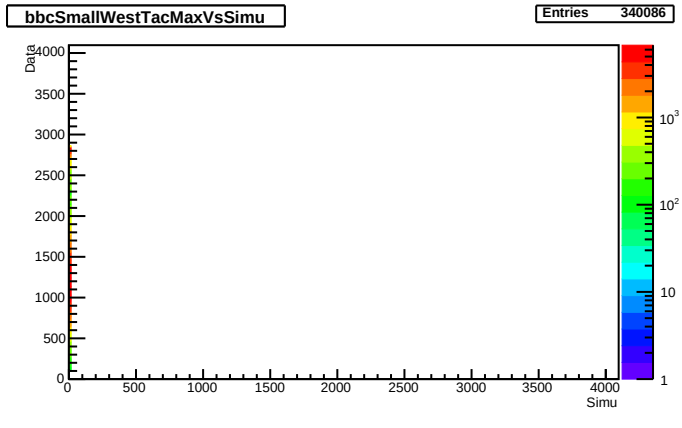
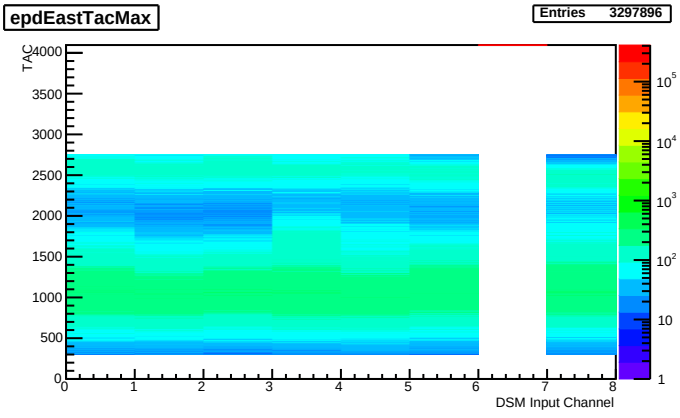
Entries 304790
Data
Simu

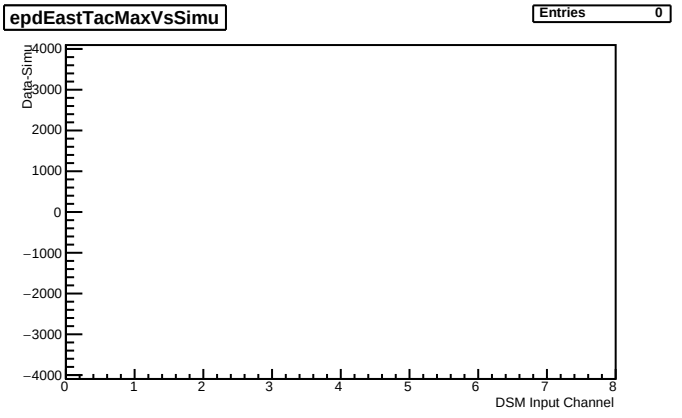

bbcSmallWestAdcSum
Entries 412237

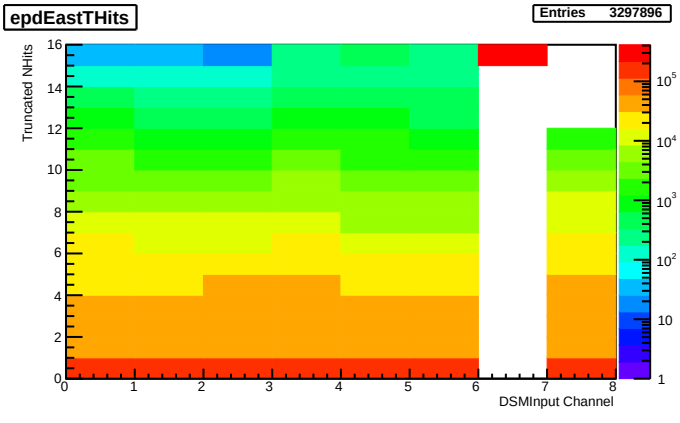

bbcSmallWestAdcSumVsSimu
Entries 340086
Data
Simu

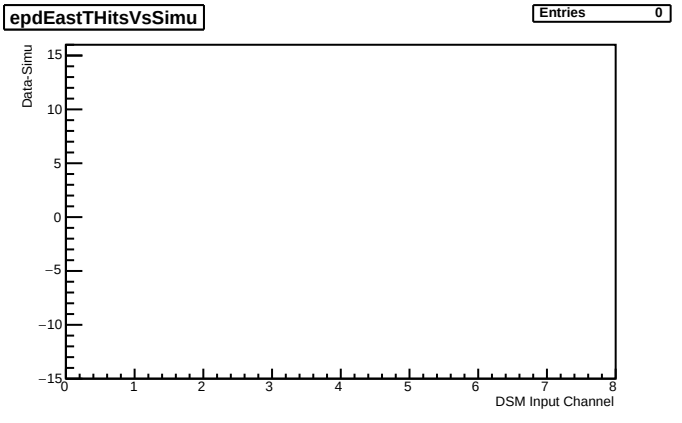

bbcSmallWestTacMax
Entries 412237


bbcSmallWestTacMaxVsSimu
Entries 340086
Data
Simu


epdEastTacMax
Entries 3297896
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3297896
Truncated NHits
DSMInput Channel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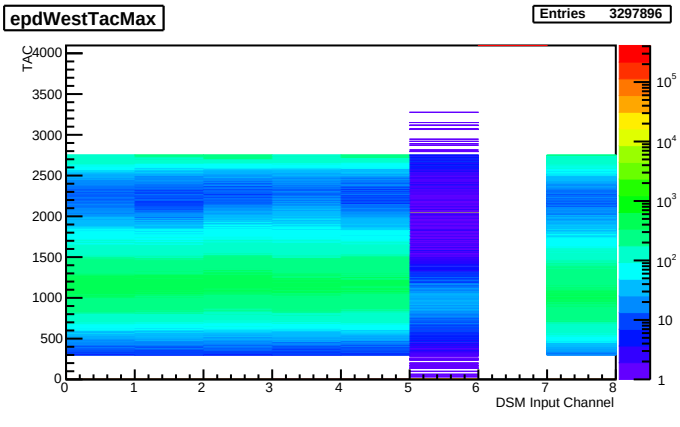
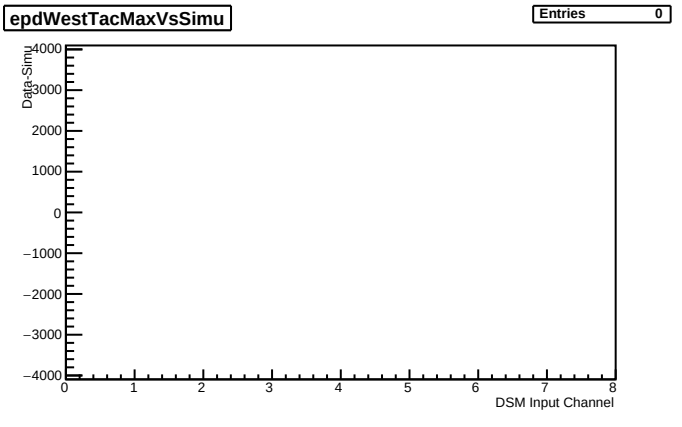
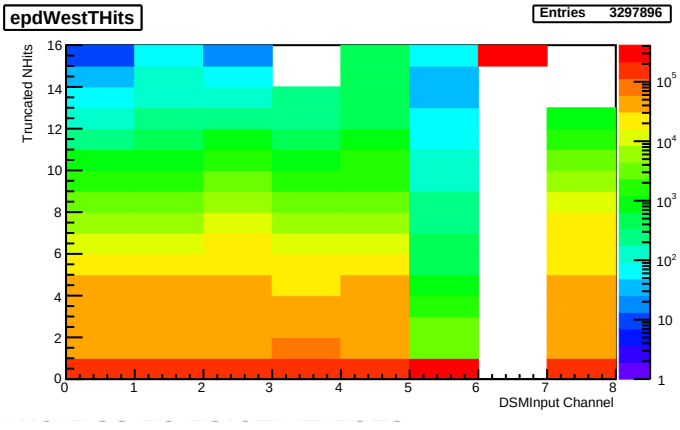
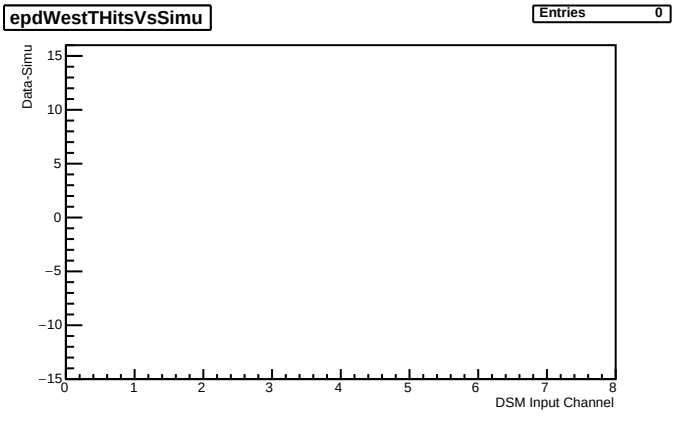
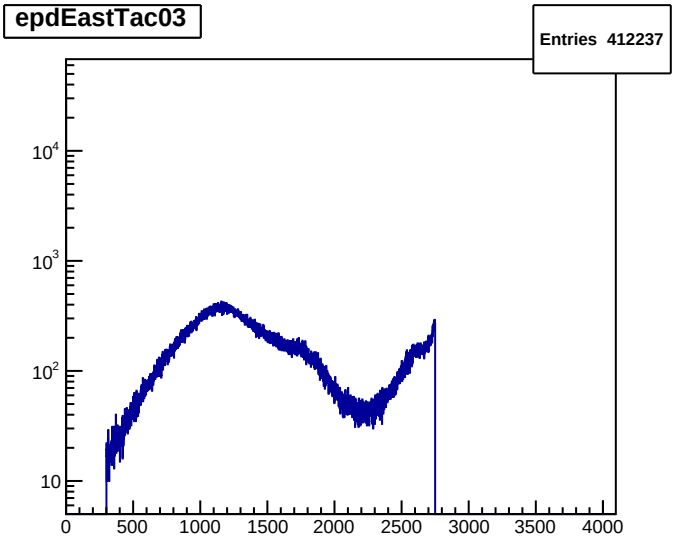
Entries 0
Data-Simu
DSM Input Channel

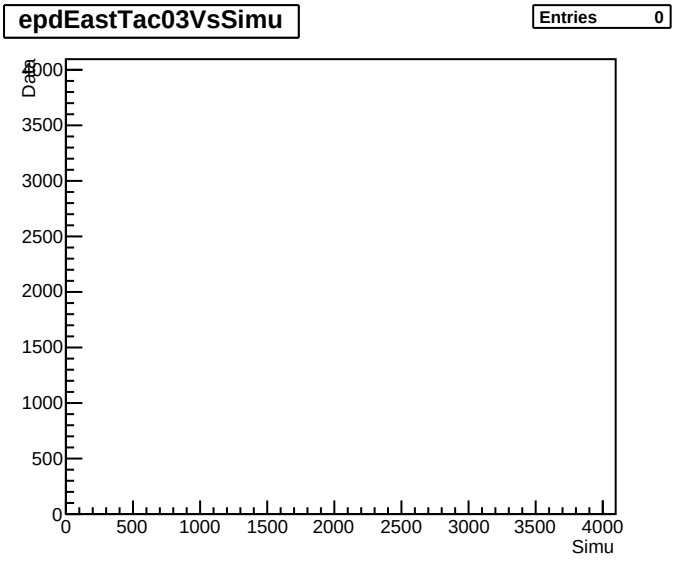

epdWestTacMax
Entries 3297896
TAC
DSM Input Channel

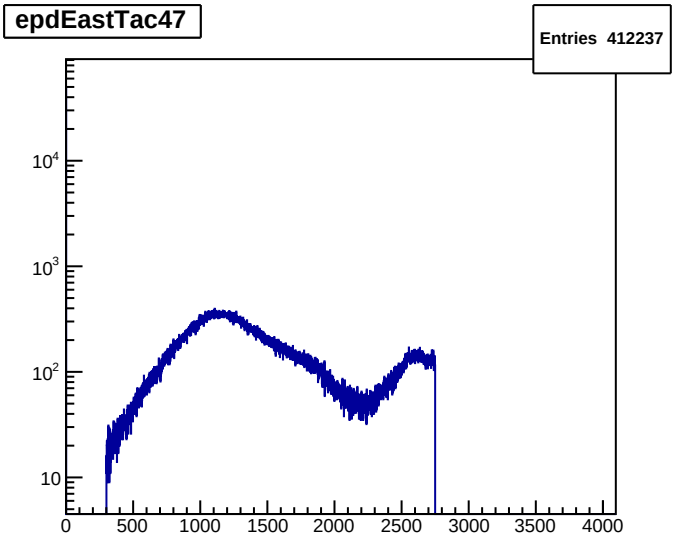

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

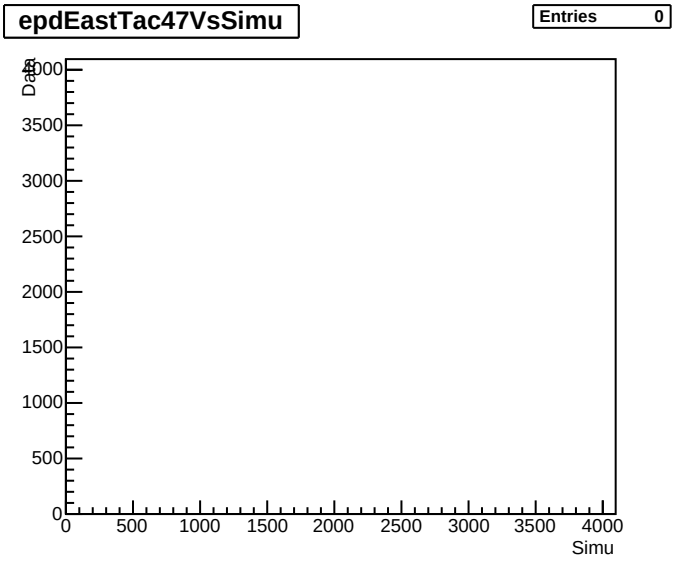

epdWestTHits
Entries 3297896
Truncated NHits
DSMInput Channel

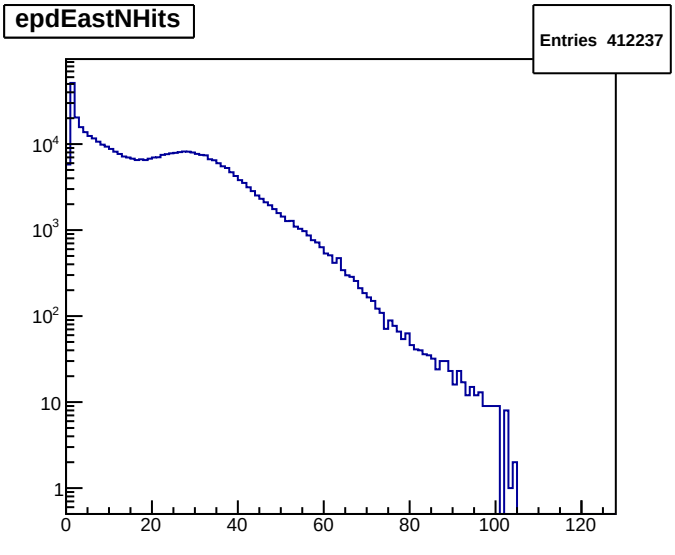

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

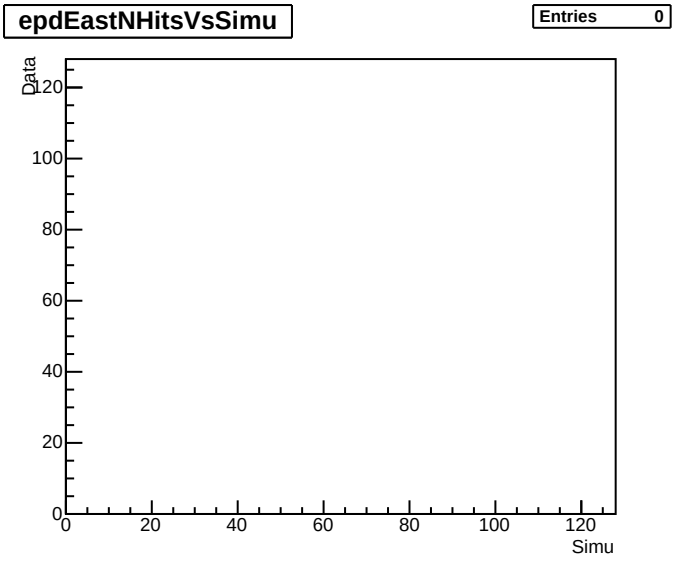

epdEastTac03
Entries 412237


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 412237


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 412237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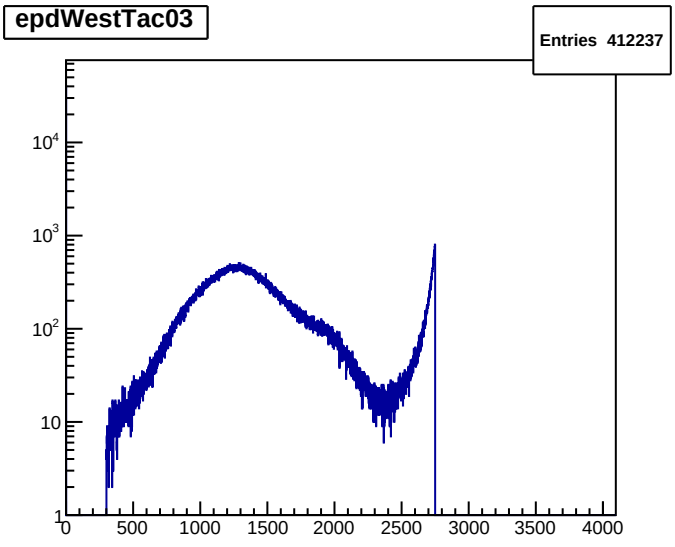
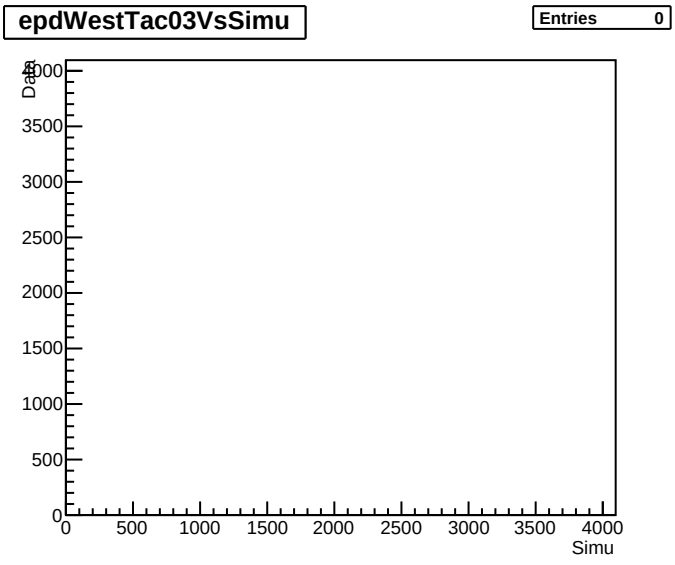
Entries 0
Data
Simu


epdWestTac03
Entries 412237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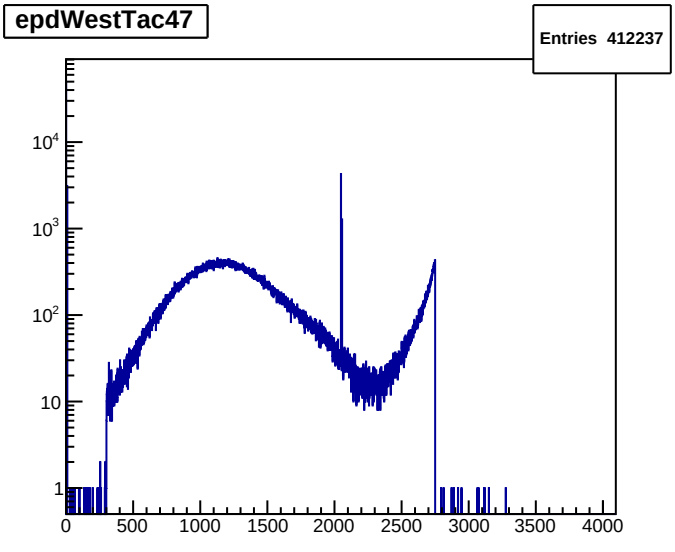
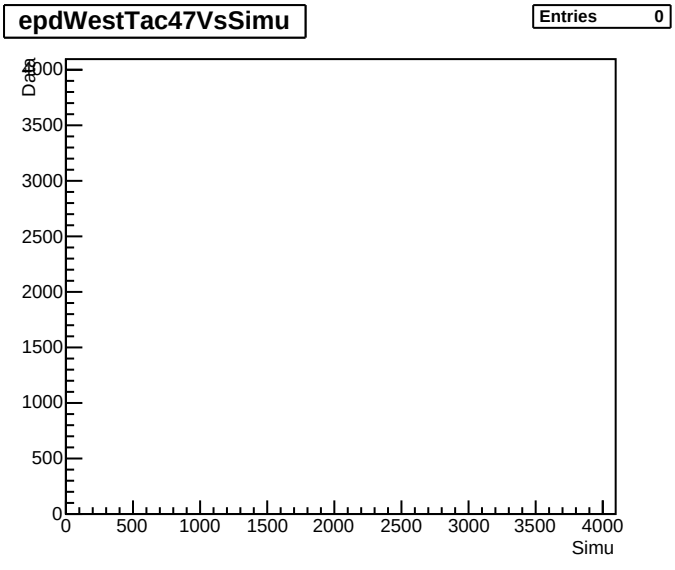
Entries 0
Data
Simu


epdWestTac47
Entries 412237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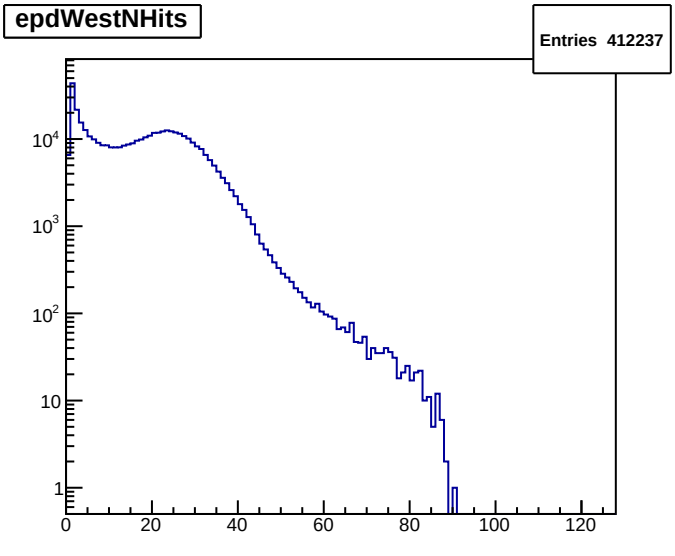
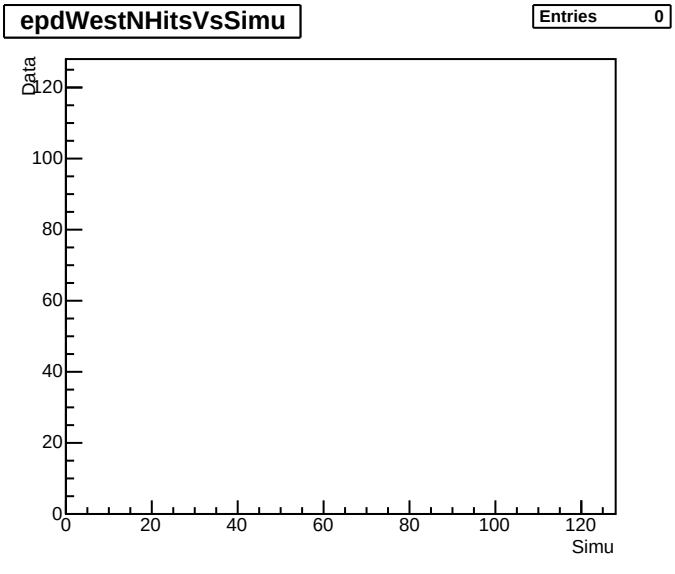
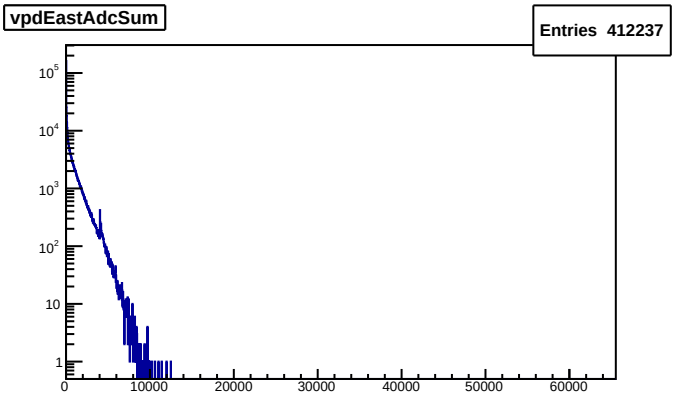
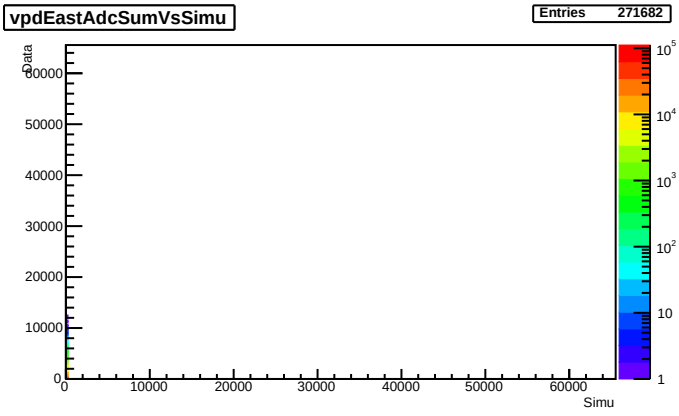
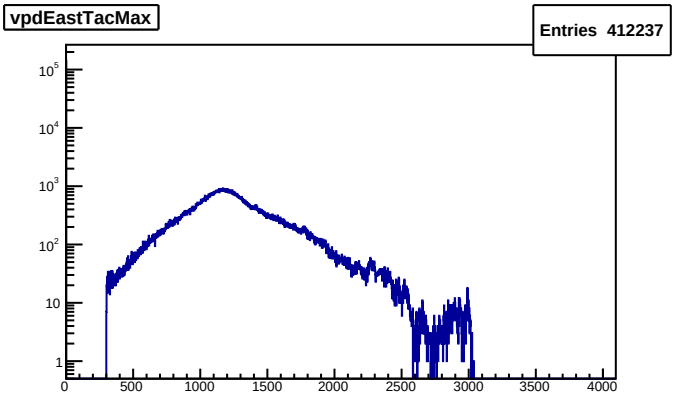
Entries 0
Data
Simu

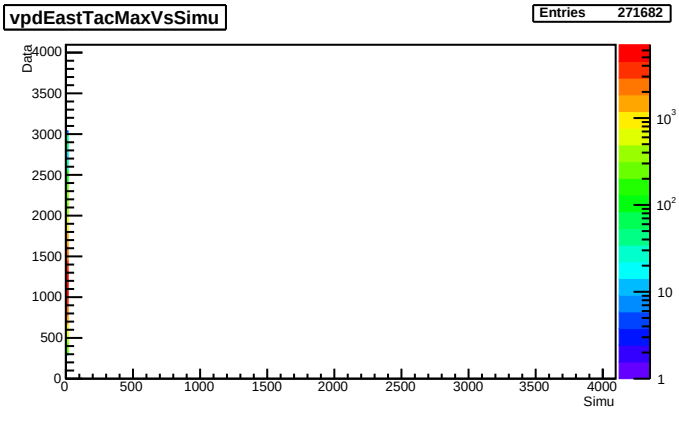

epdWestNHits
Entries 412237

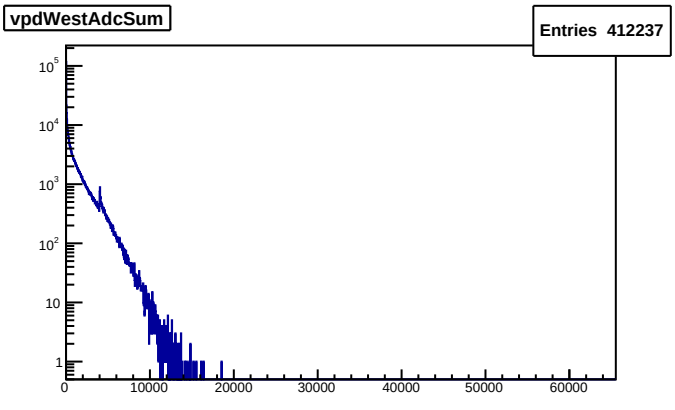

epdWestNHitsVsSimu
Entries 0
Data
Simu

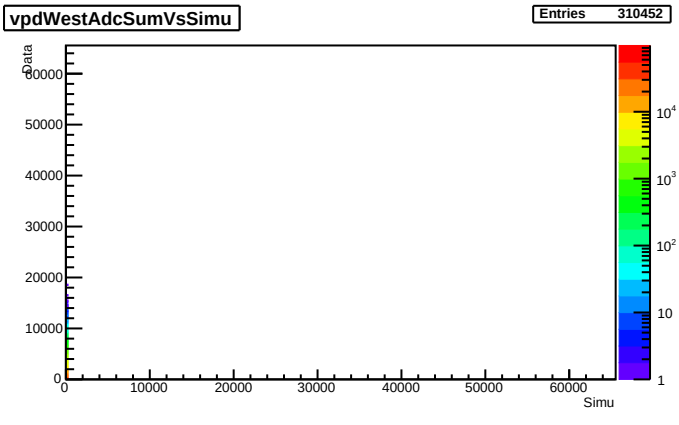

vpdEastAdcSum
Entries 412237

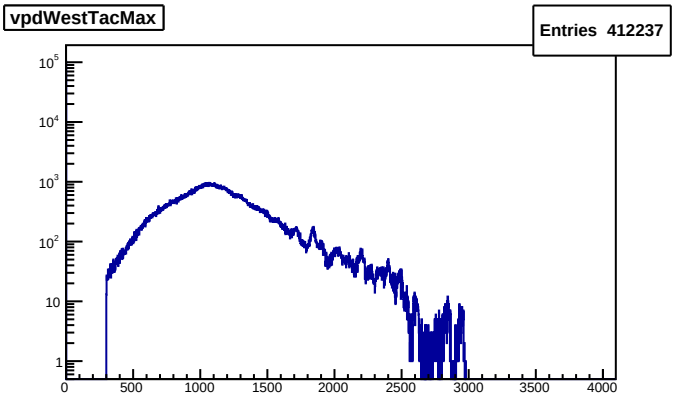

vpdEastAdcSumVsSimu
Entries 271682
Data
Simu

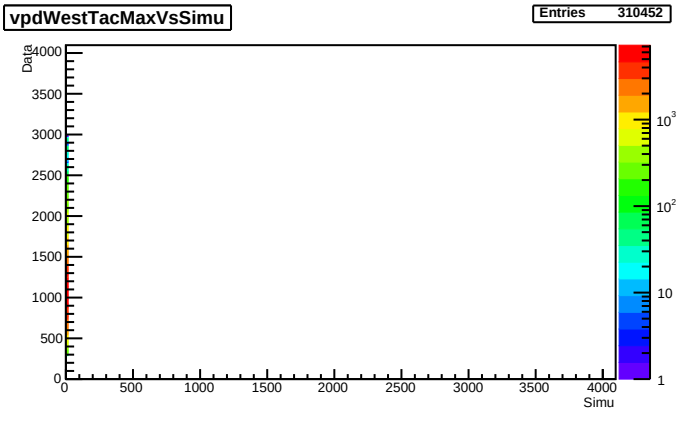

vpdEastTacMax
Entries 412237

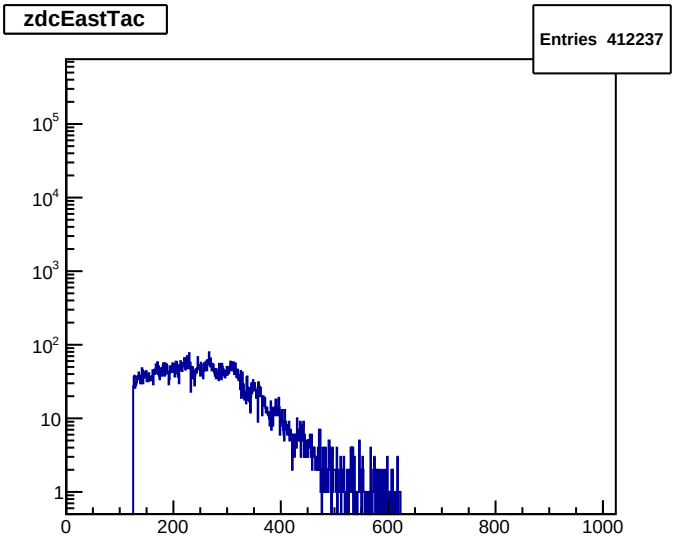

vpdEastTacMaxVsSimu
Entries 271682
Data
Simu

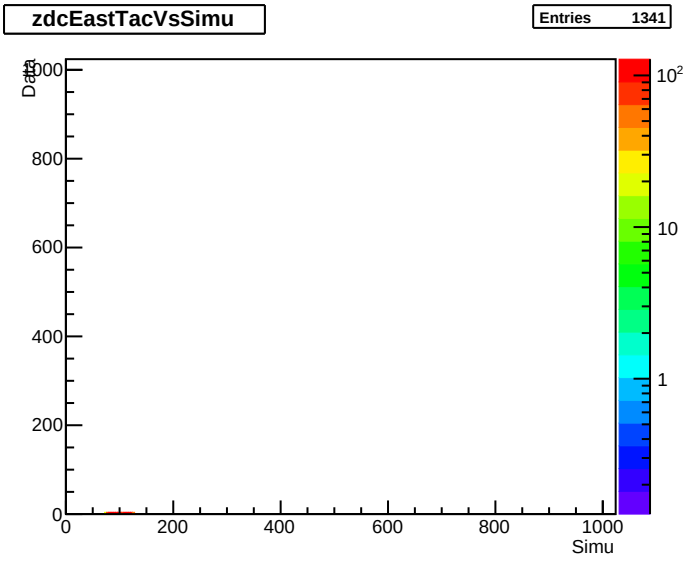

vpdWestAdcSum
Entries 412237

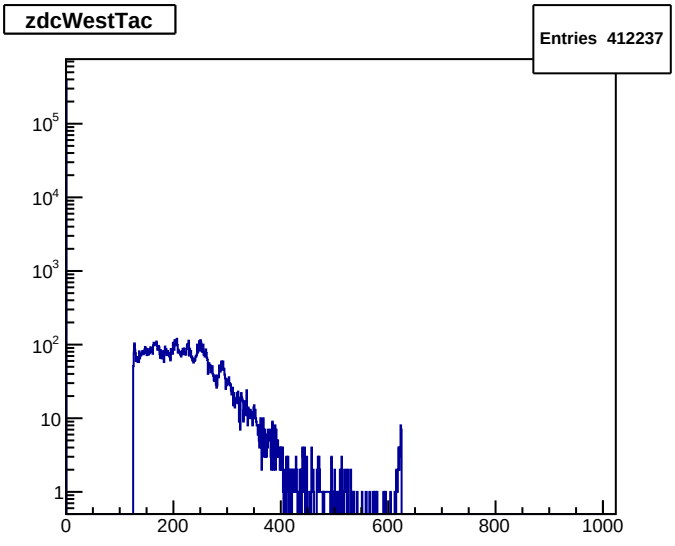

vpdWestAdcSumVsSimu
Entries 310452
Data
Simu

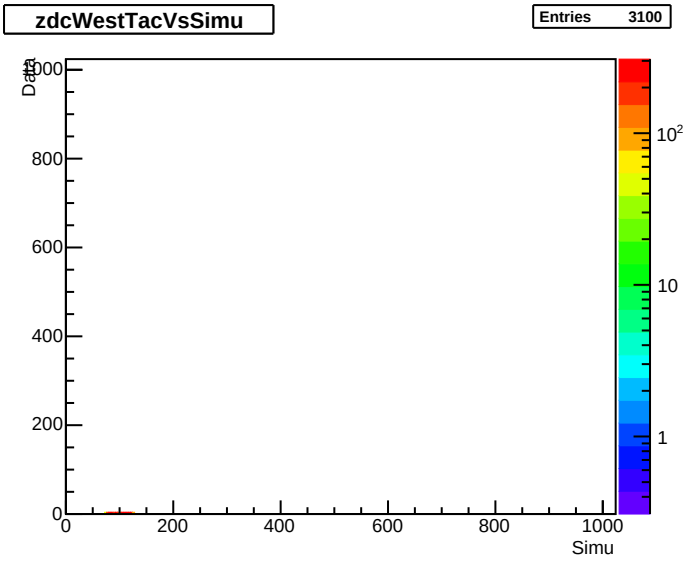

vpdWestTacMax
Entries 412237

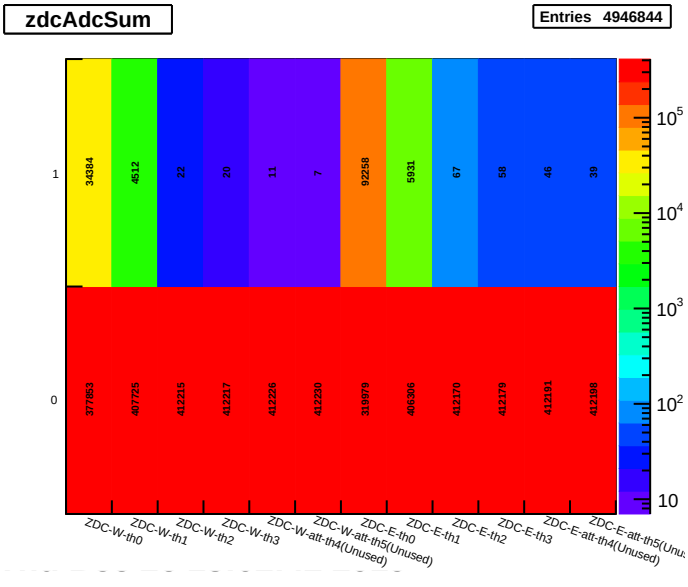

vpdWestTacMaxVsSimu
Entries 310452
Data
Simu

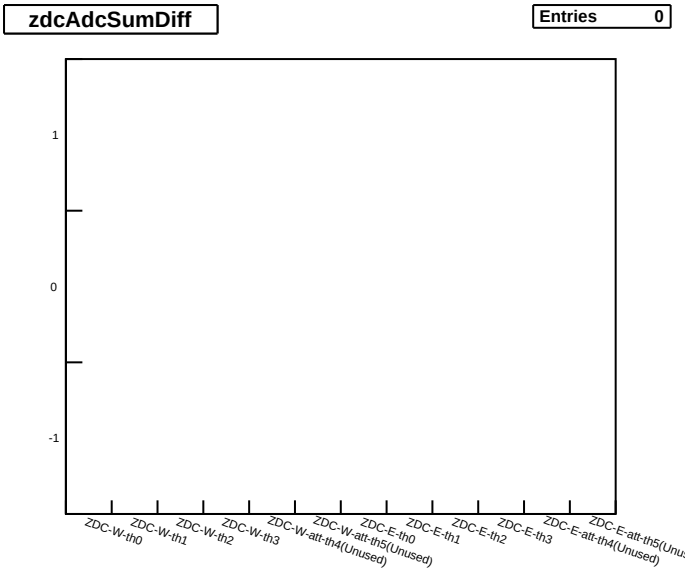

zdcEastTac
Entries 412237

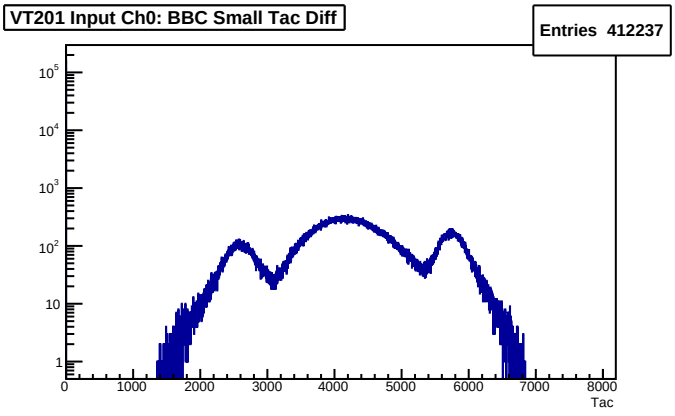

zdcEastTacVsSimu
Entries 1341
Data
Simu

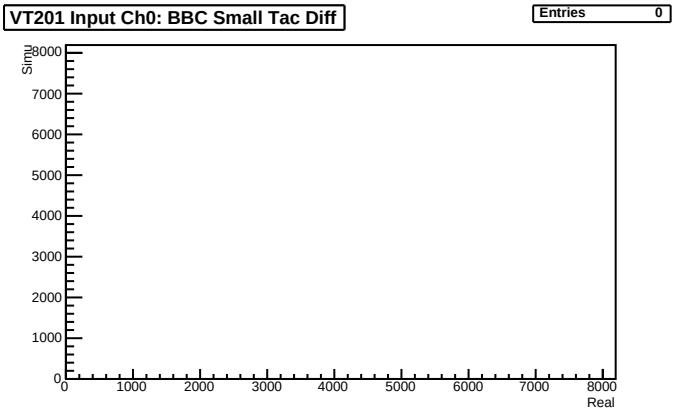

zdcWestTac
Entries 412237

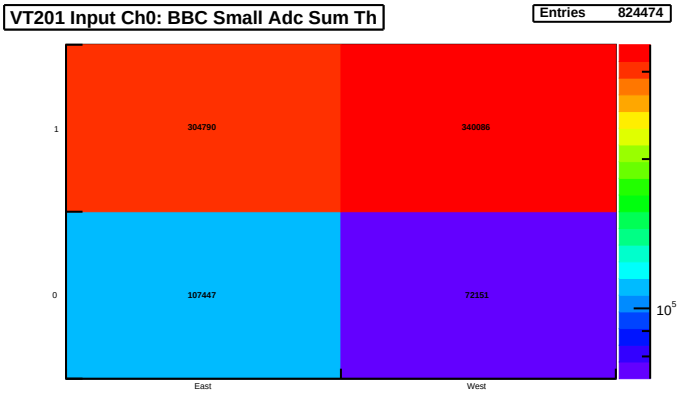

zdcWestTacVsSimu
Entries 3100
Data
Simu

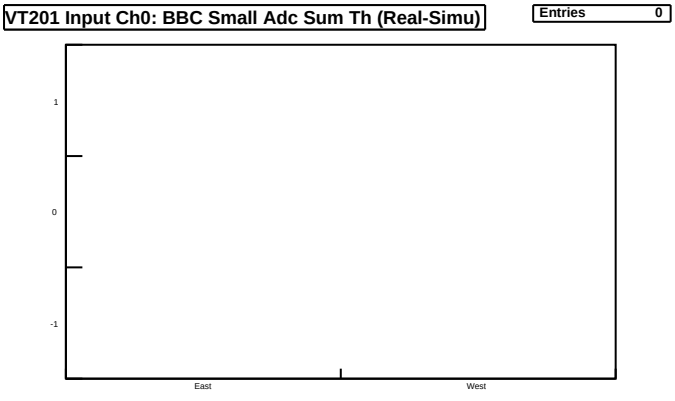

zdcAdcSum
Entries 4946844
34384
4512
22
20
11
7
92258
5931
67
58
46
39
377853
407725
412215
412217
412226
412230
319979
406306
412170
412179
412191
412198
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

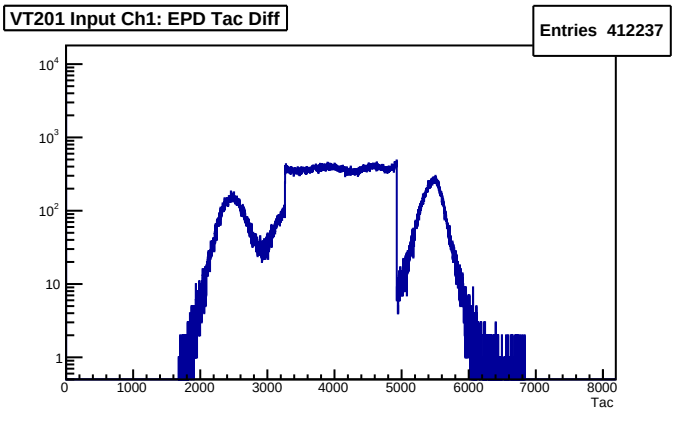

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

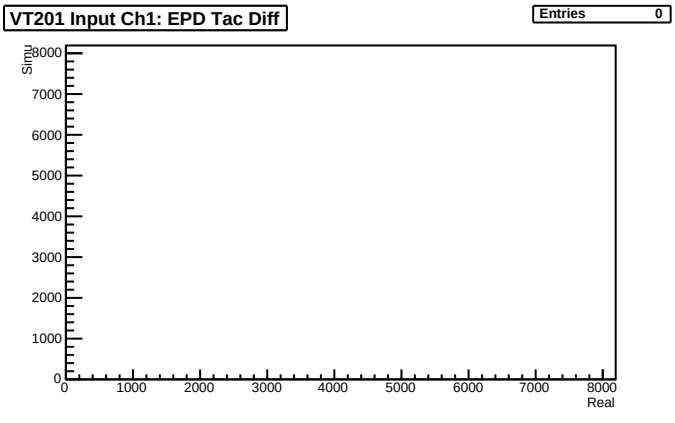

VT201 Input Ch0: BBC Small Tac Diff
Entries 412237
Tac

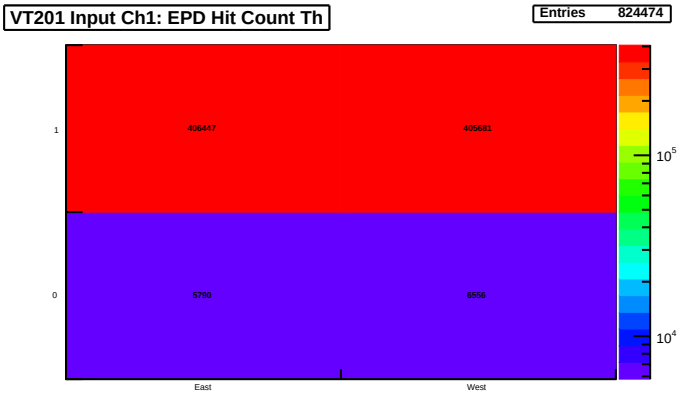

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

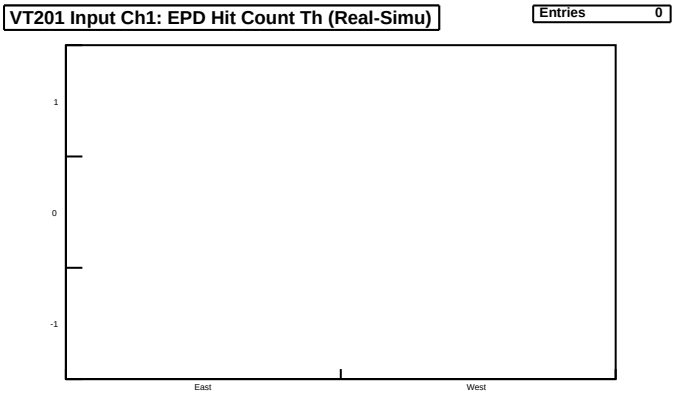

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 824474
304790
340086
107447
72151
East
West

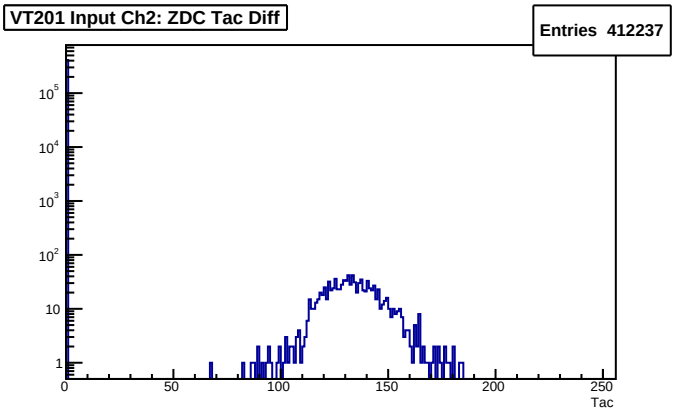

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

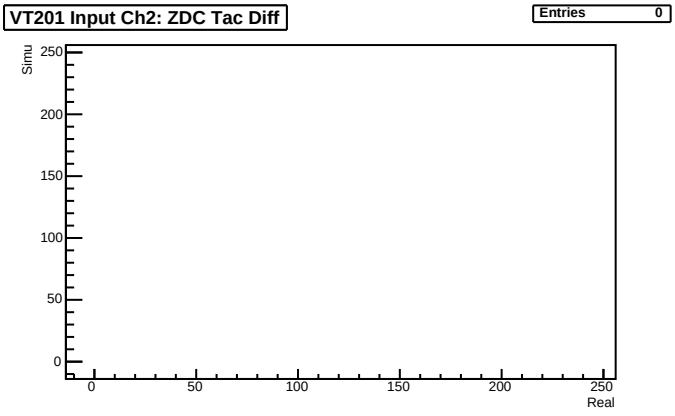

VT201 Input Ch1: EPD Tac Diff
Entries 412237
Tac

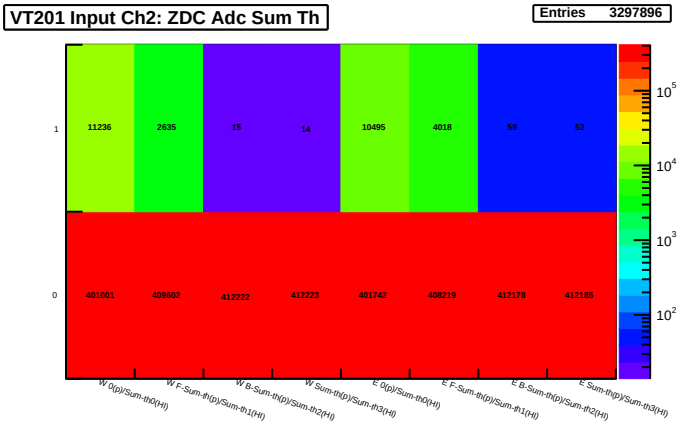

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

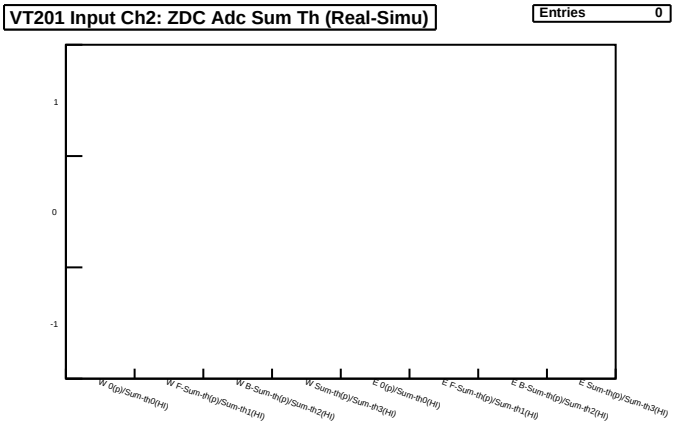

VT201 Input Ch1: EPD Hit Count Th
Entries 824474
406447
405681
5790
6556
East
West

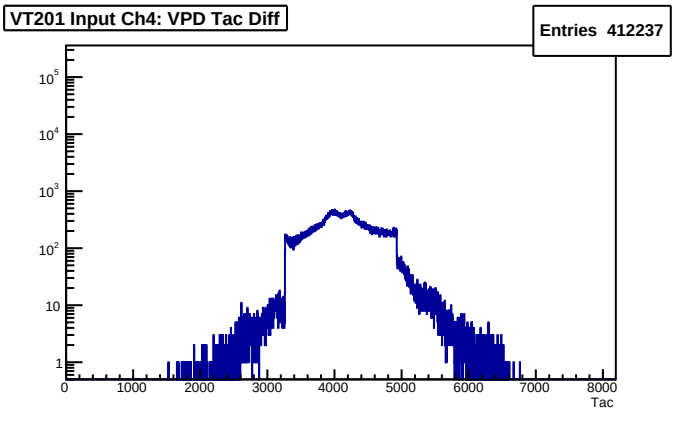

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

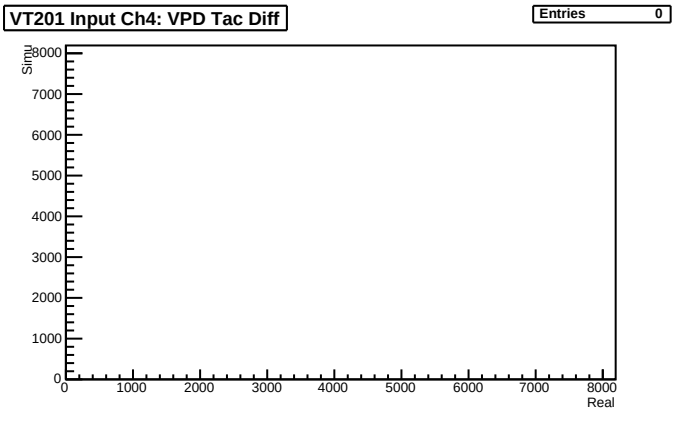

VT201 Input Ch2: ZDC Tac Diff
Entries 412237
Tac

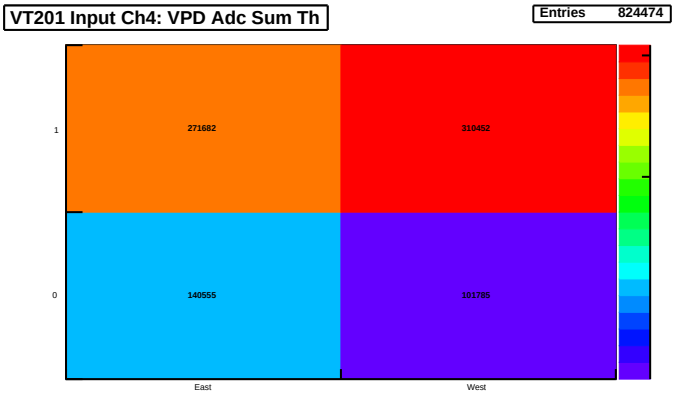

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

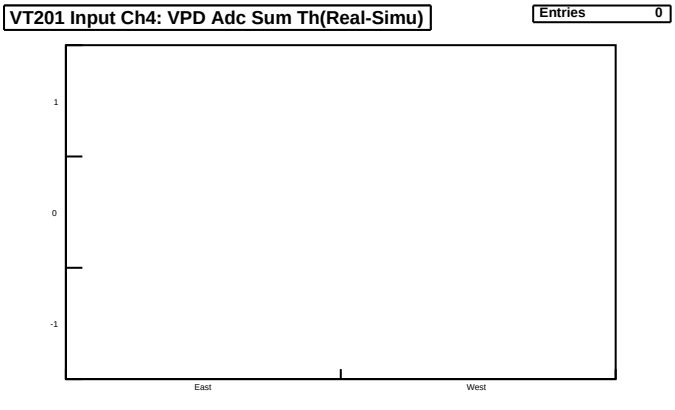

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3297896
11236
2635
15
14
10495
4018
59
52
401001
409602
412222
412223
401742
408219
412178
412185
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

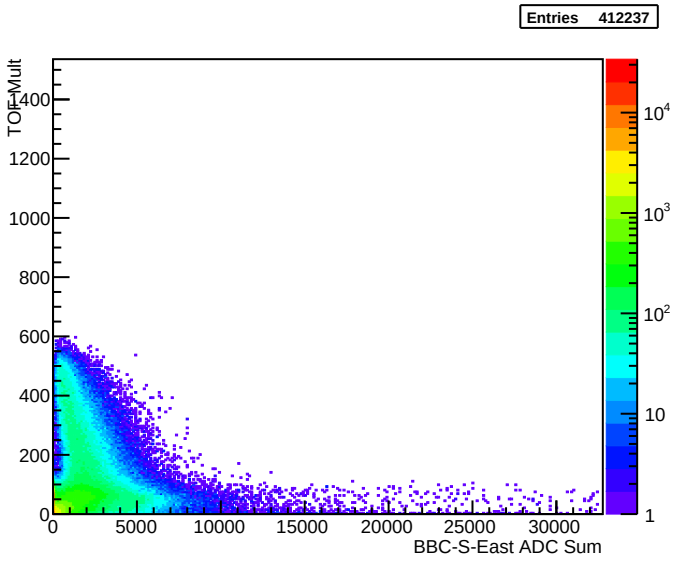

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

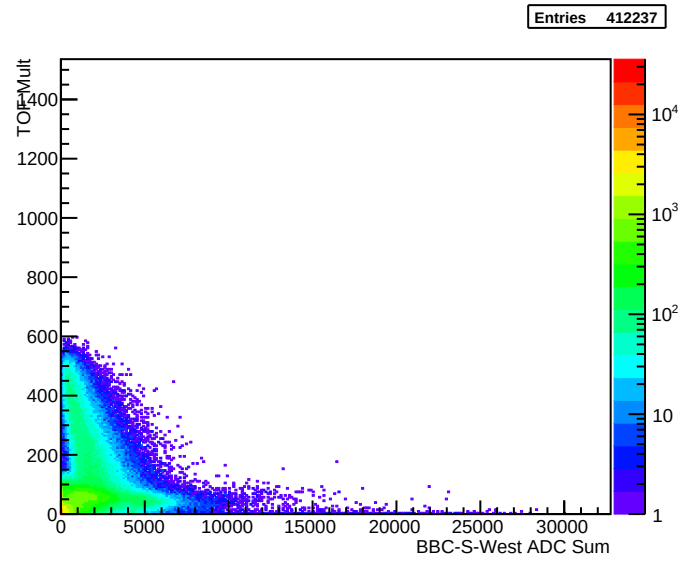

VT201 Input Ch4: VPD Tac Diff
Entries 412237
Tac

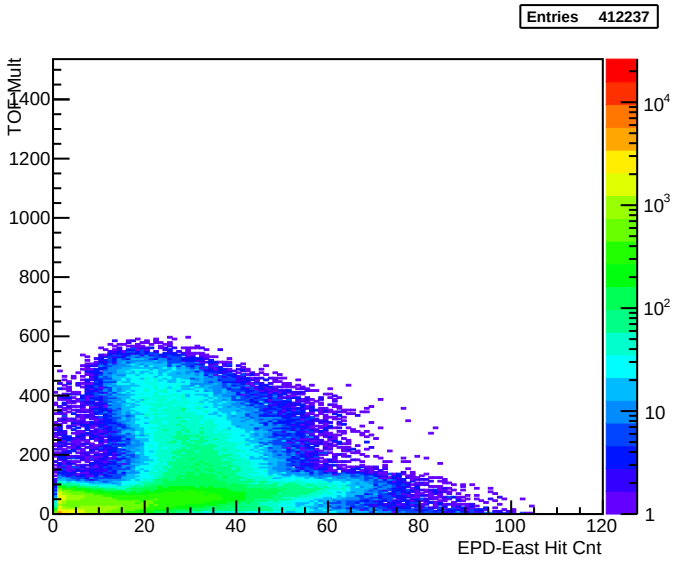

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

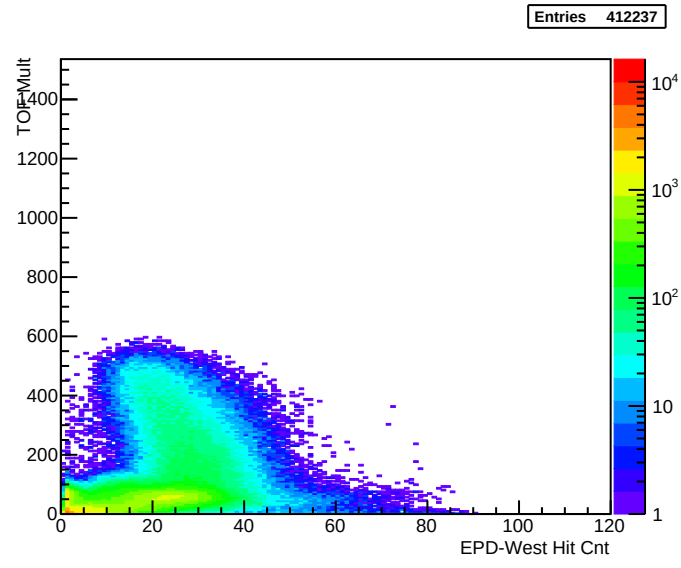

VT201 Input Ch4: VPD Adc Sum Th
Entries 824474
271682
310452
140555
101785
East
West

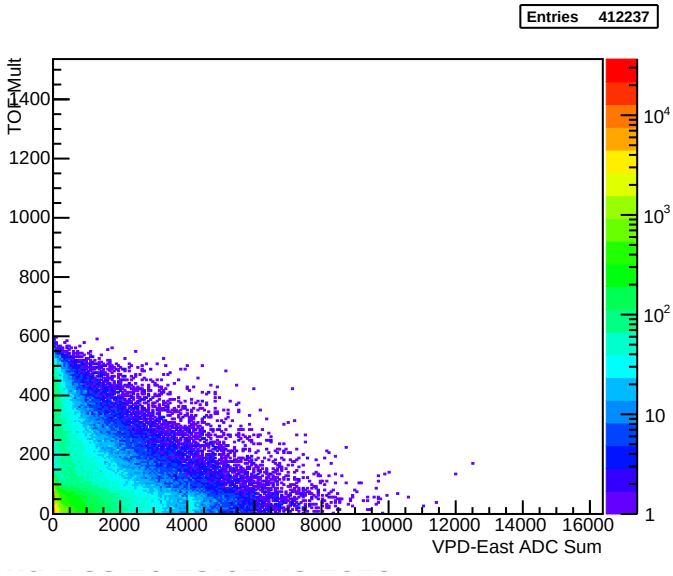

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

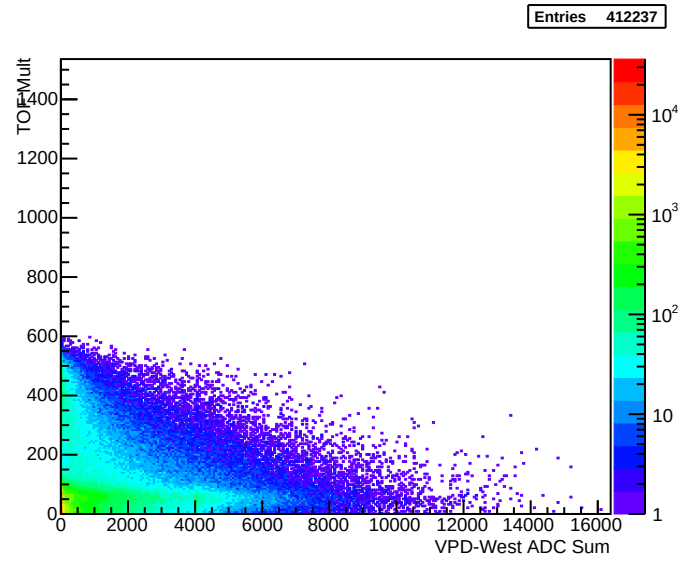

Entries 412237
TOF-Mult
BBC-S-East ADC Sum

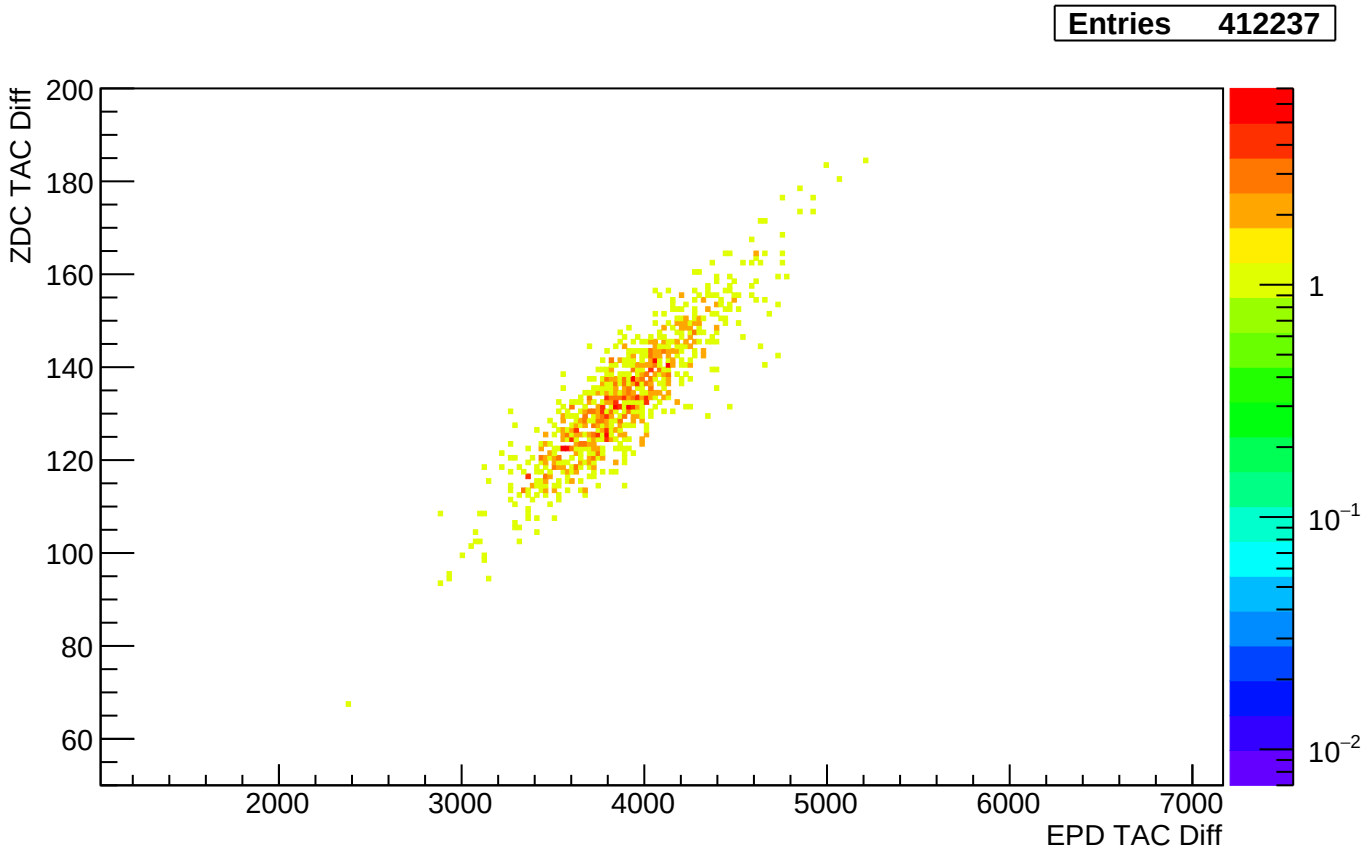

Entries 412237
TOF-Mult
BBC-S-West ADC Sum

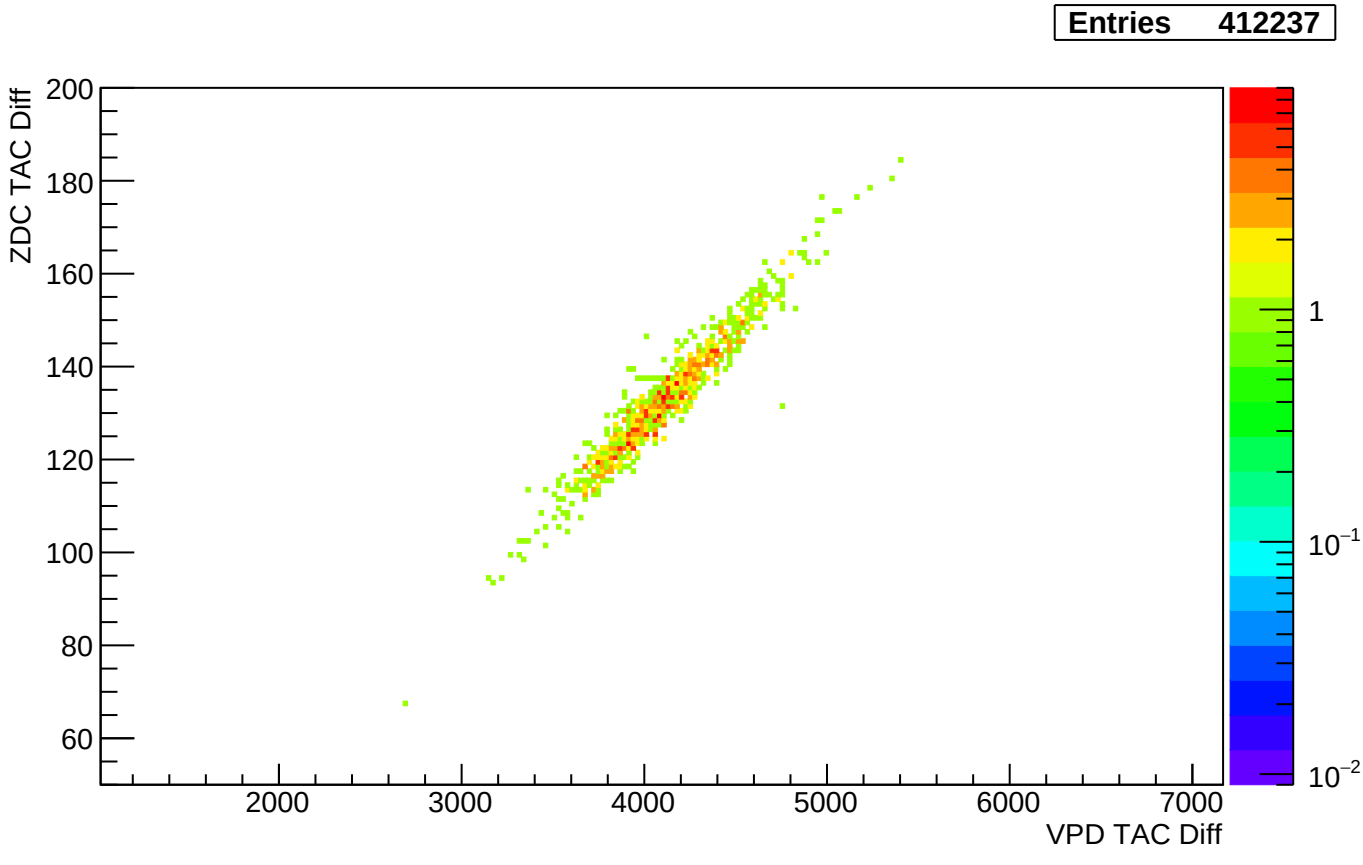

Entries 412237
TOF-Mult
EPD-East Hit Cnt

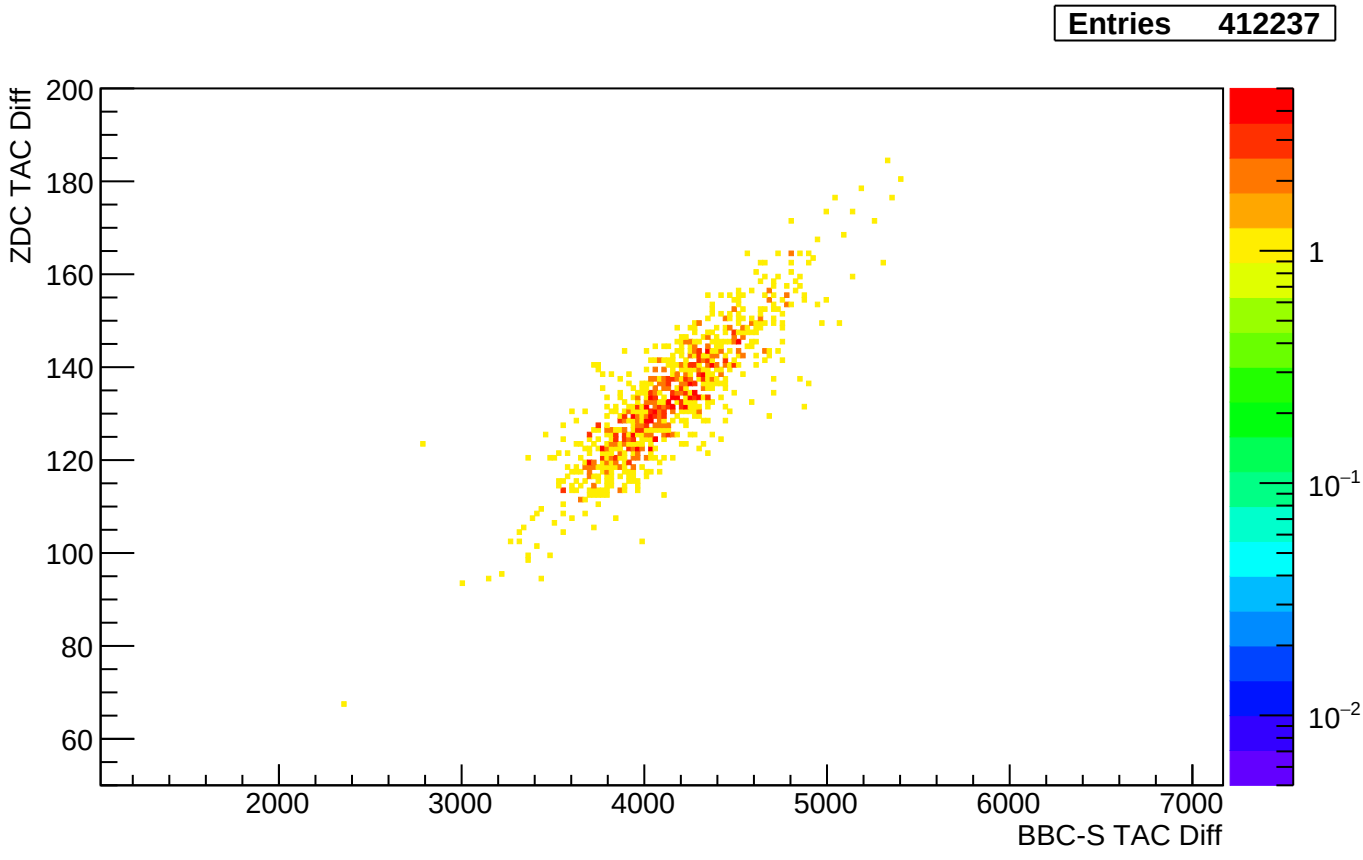

Entries 412237
TOF-Mult
EPD-West Hit Cnt

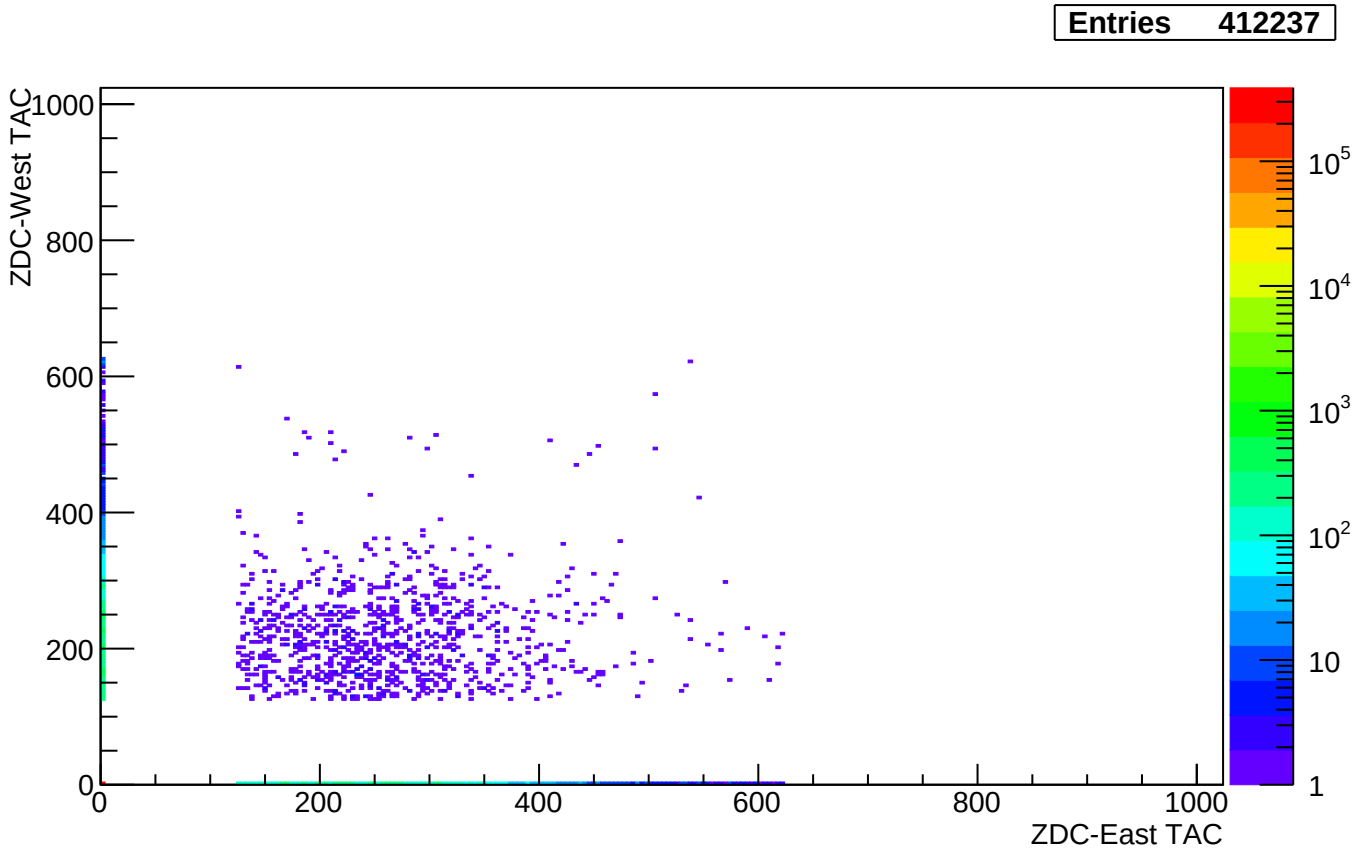

Entries 412237
TOF-Mult
VPD-East ADC Sum

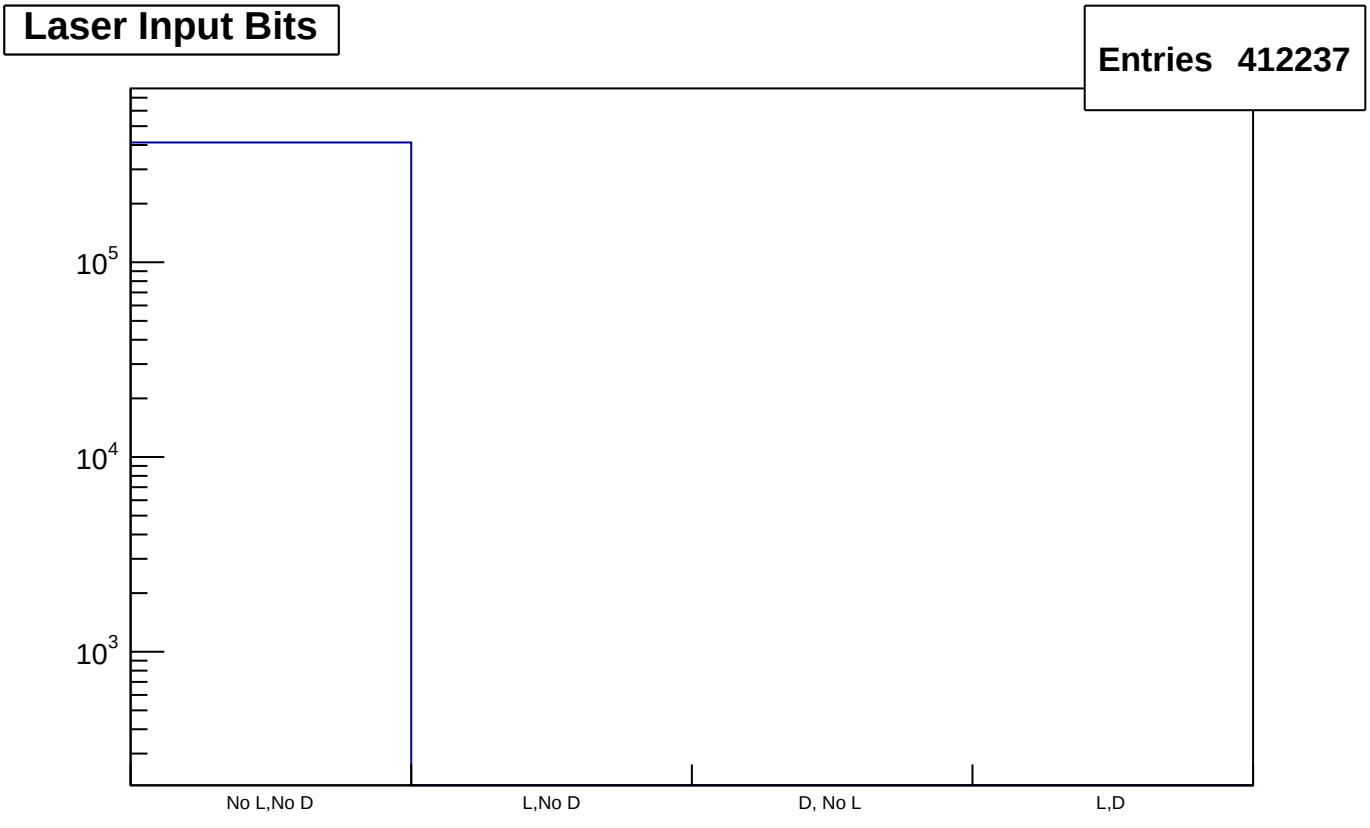

Entries 412237
TOF-Mult
VPD-West ADC Sum

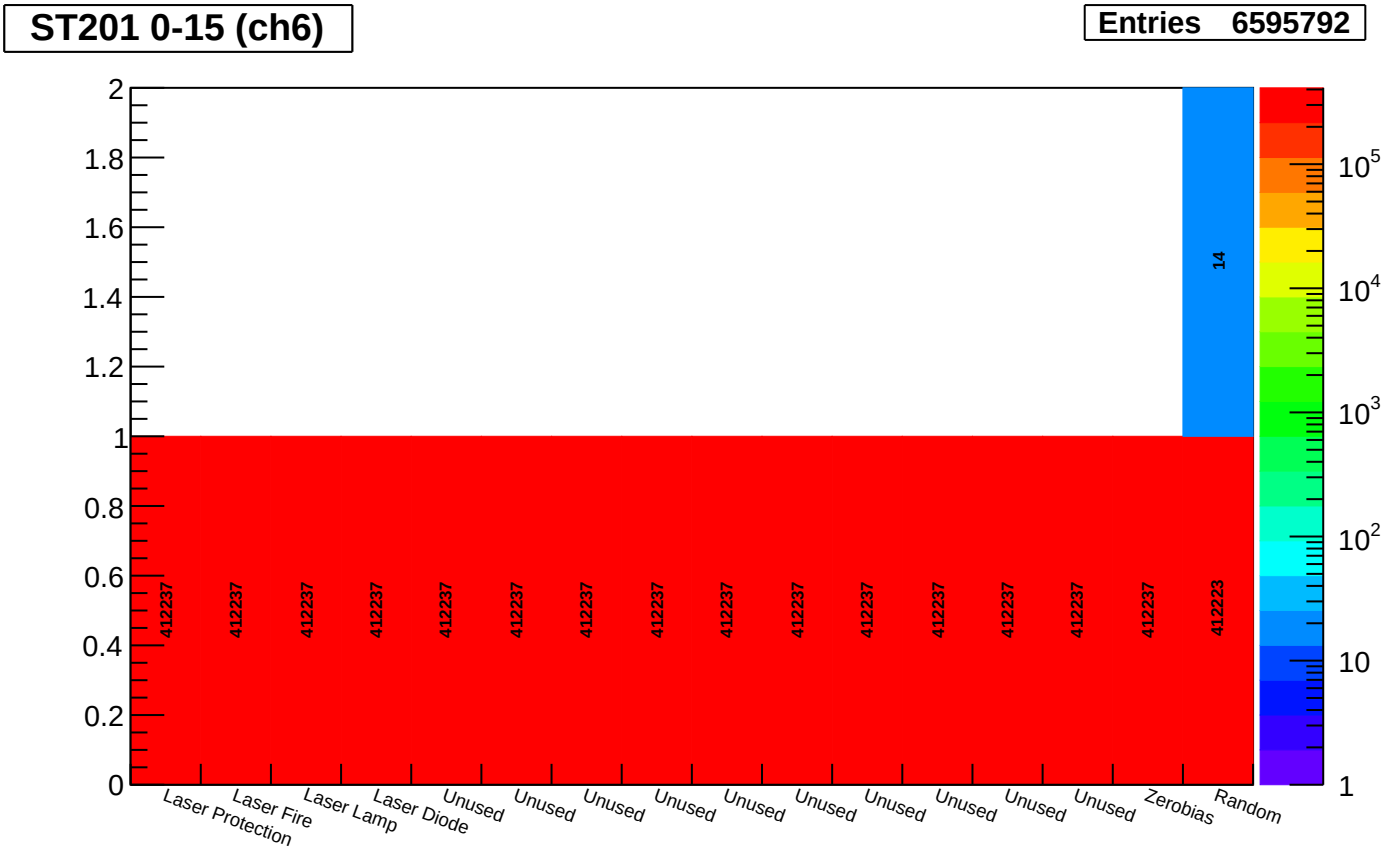

Entries 412237
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

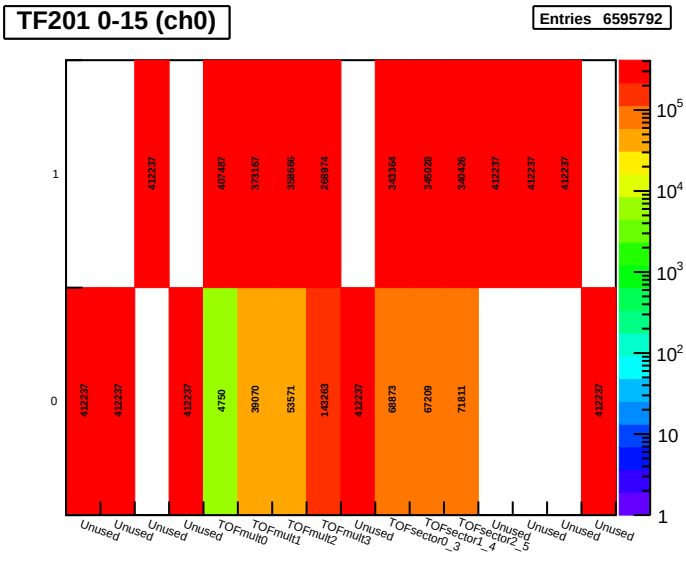

Entries 412237
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

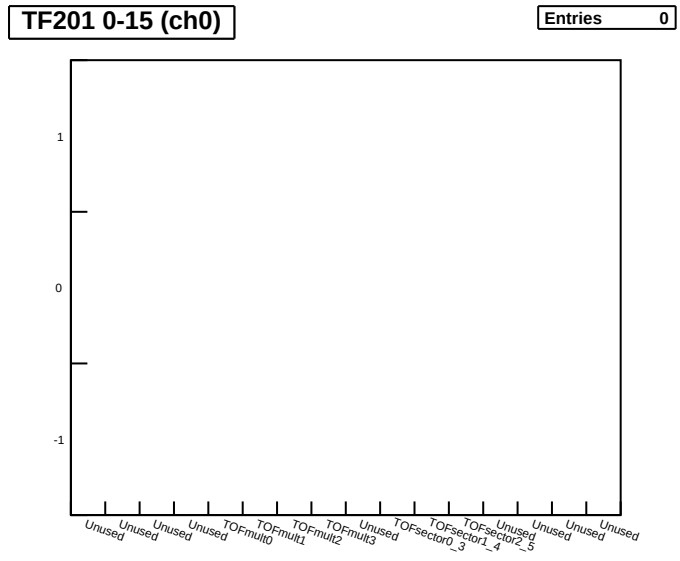

Entries 412237
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

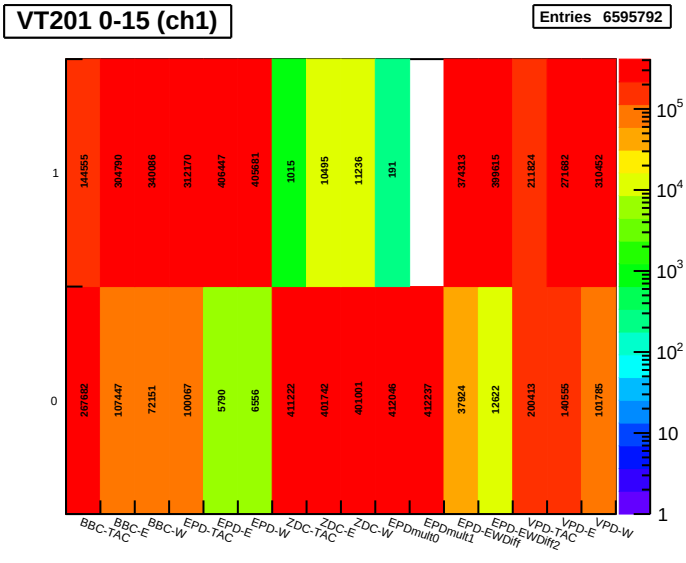

Entries 412237
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

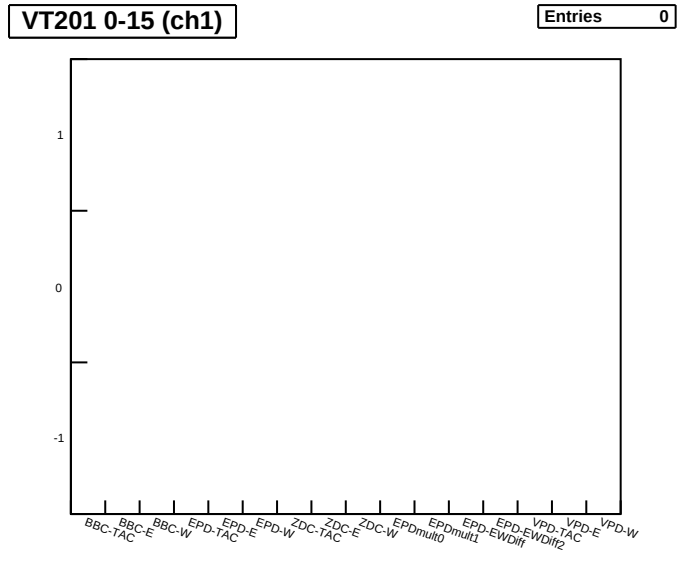

Laser Input Bits
Entries 412237
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

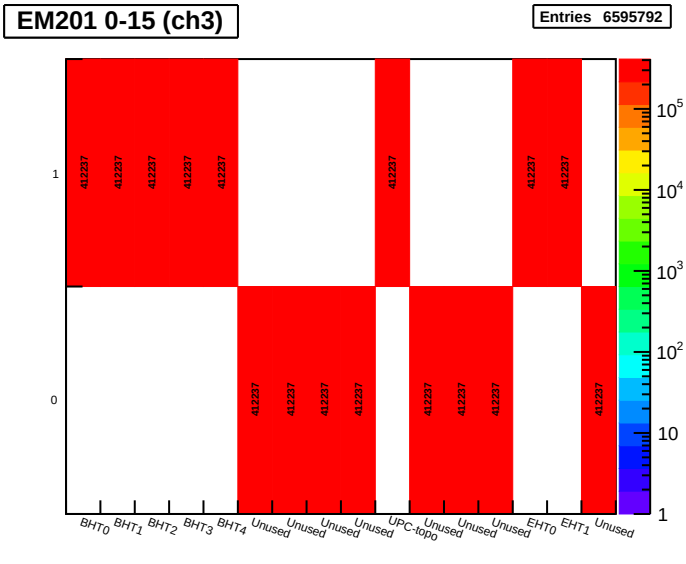

ST201 0-15 (ch6)
Entries 6595792
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
14
412237
412223
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

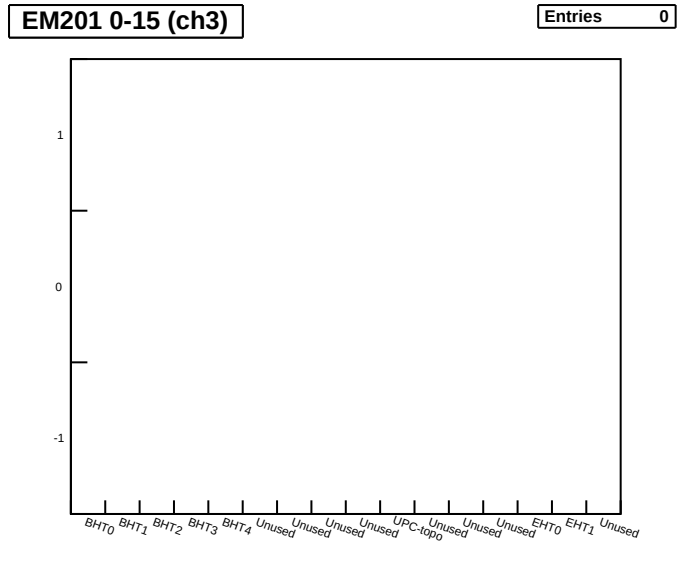

TF201 0-15 (ch0)
Entries 6595792
1
0
412237
407487
373167
358666
268974
343364
345028
340426
412237
412237
412237
412237
412237
412237
4750
39070
53571
143263
412237
68873
67209
71811
412237
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 6595792
1
0
144555
304790
340086
312170
406447
405681
1015
10495
11236
191
374313
399615
211824
271682
310462
267682
107447
72151
100067
5790
6556
411222
401742
401001
412046
412237
37924
12622
200413
140555
101785
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 6595792
1
0
412237
412237
412237
412237
412237
412237
412237
412237
412237
412237
412237
412237
412237
412237
412237
412237
412237
412237
412237
412237
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