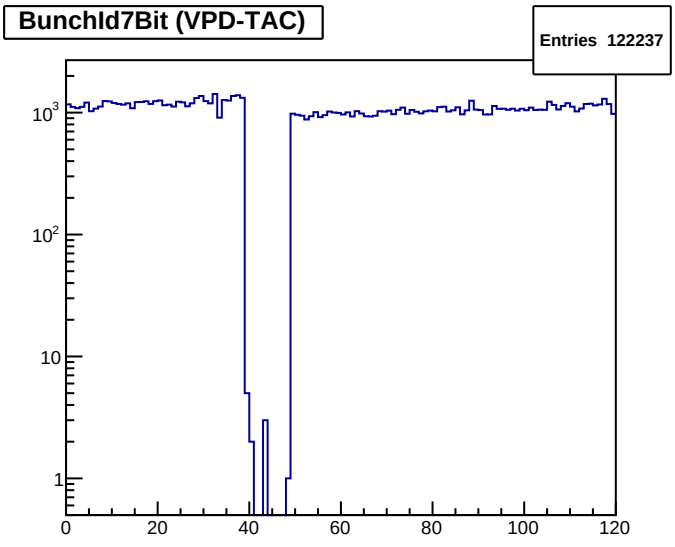
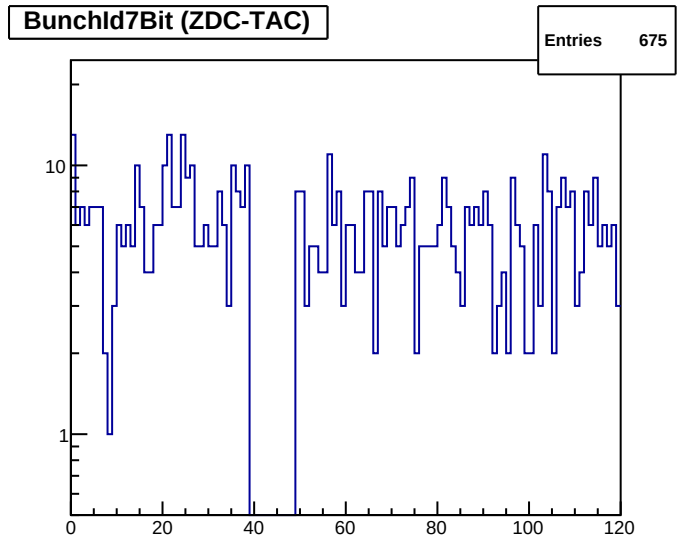
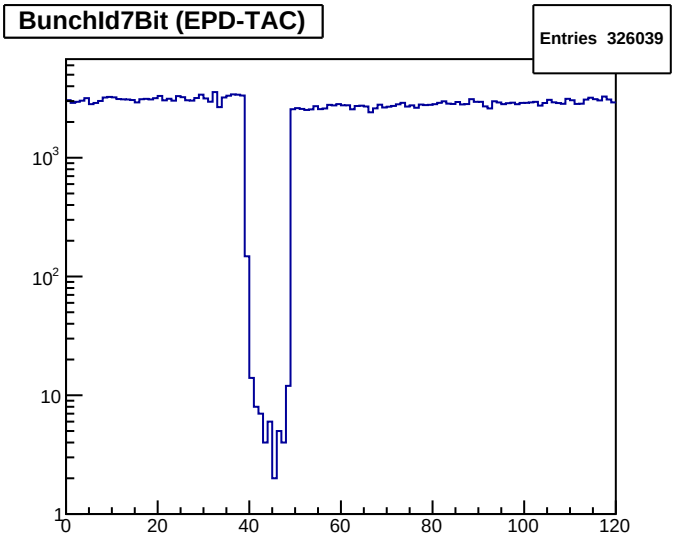
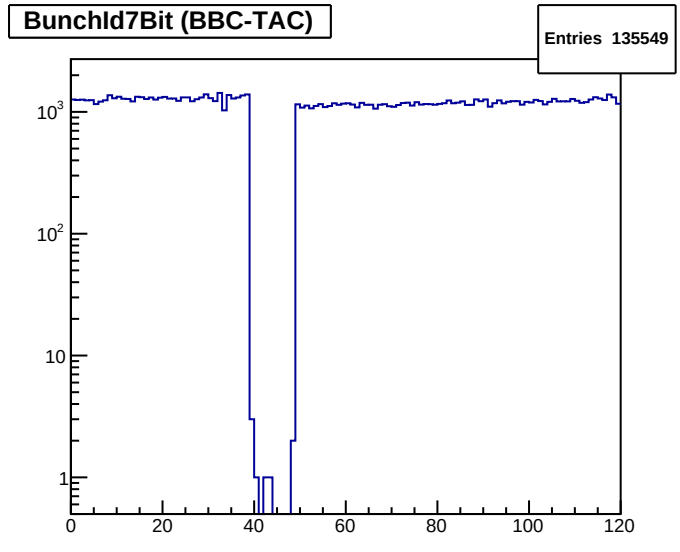
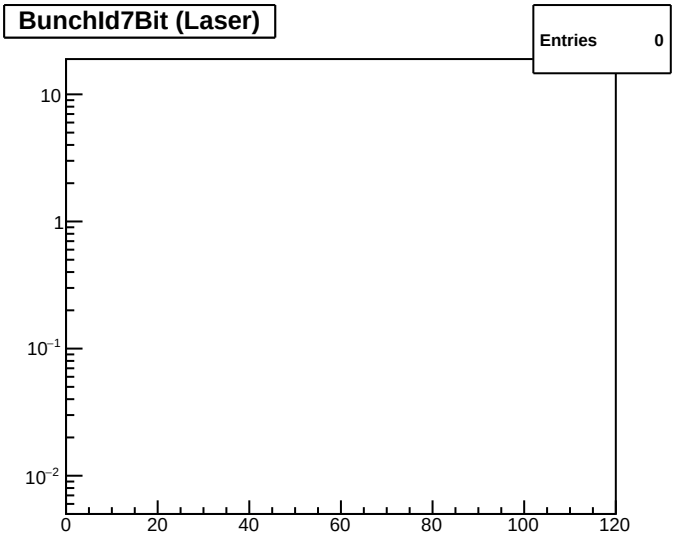
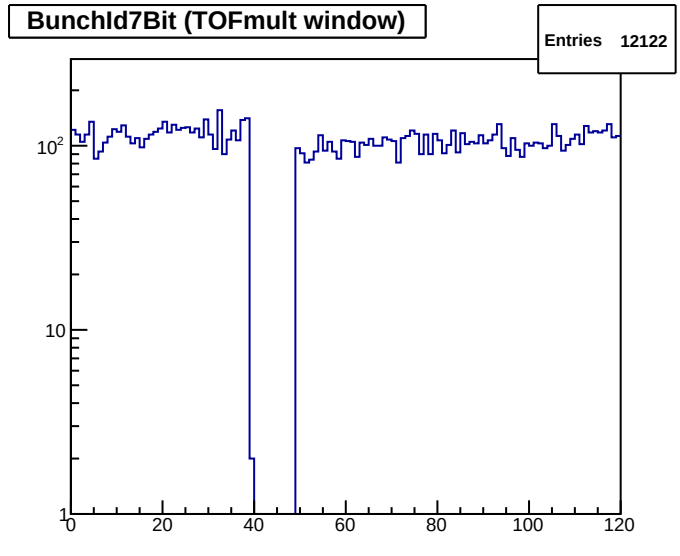

BunchId7Bit (VPD-TAC)
Entries 122237

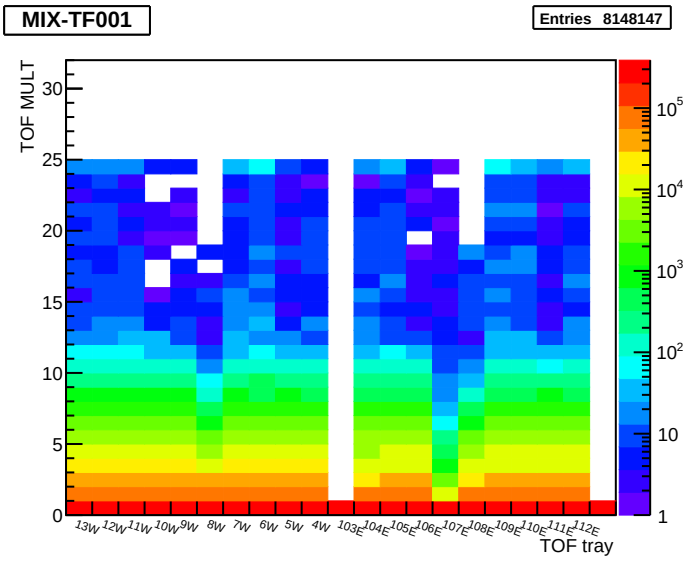

BunchId7Bit (ZDC-TAC)
Entries 675

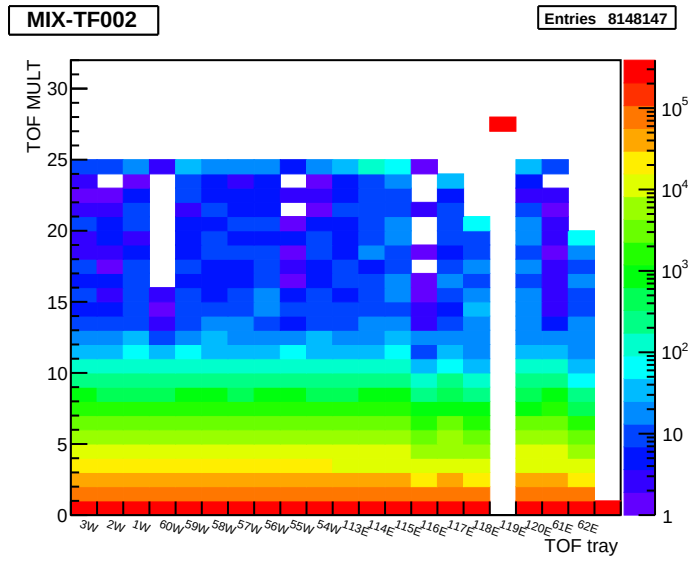

BunchId7Bit (EPD-TAC)
Entries 326039

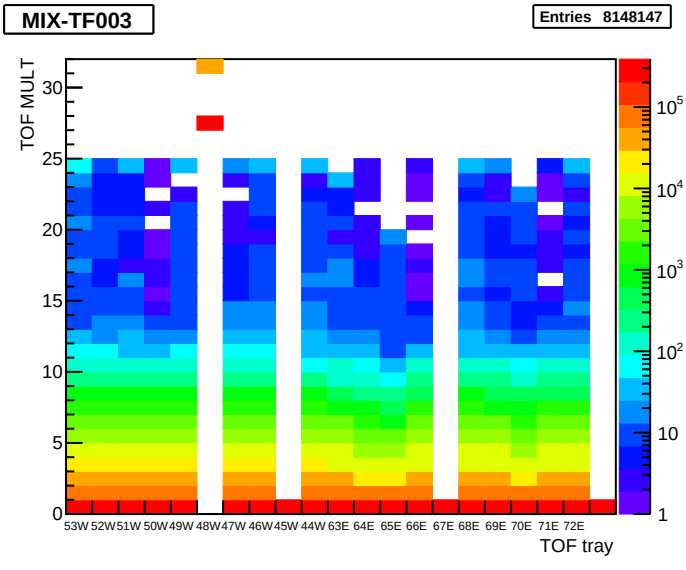

BunchId7Bit (BBC-TAC)
Entries 135549

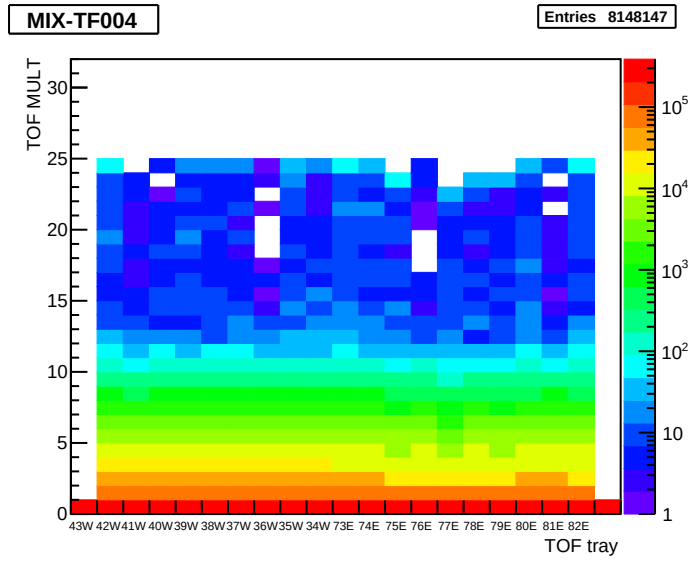

BunchId7Bit (Laser)
Entries 0

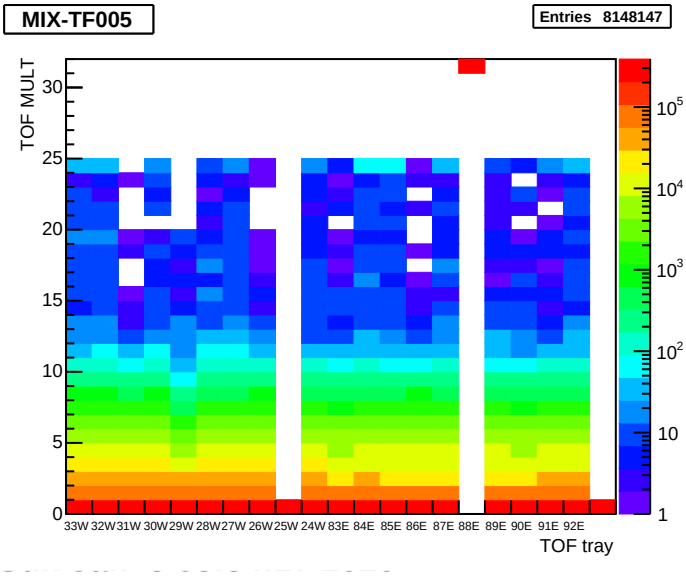

BunchId7Bit (TOFmult window)
Entries 12122

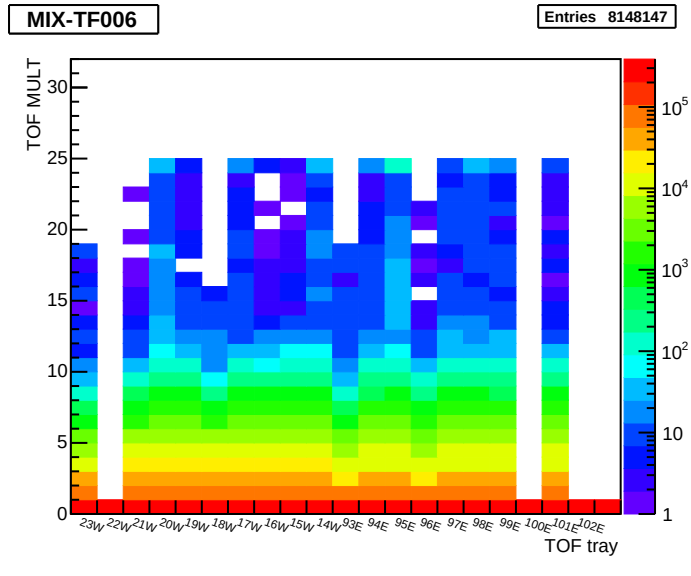

MIX-TF001
Entries 8148147
TOF MULT
TOF tray

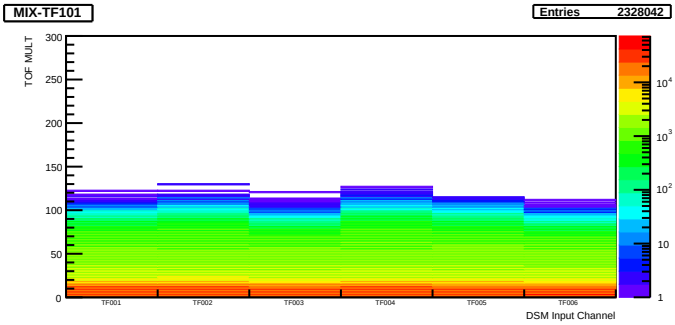

MIX-TF002
Entries 8148147
TOF MULT
TOF tray

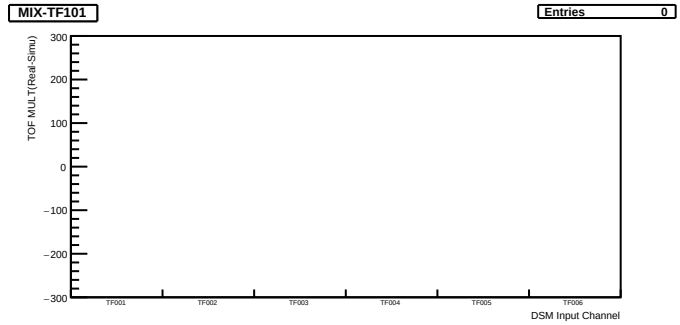

MIX-TF003
Entries 8148147
TOF MULT
TOF tray

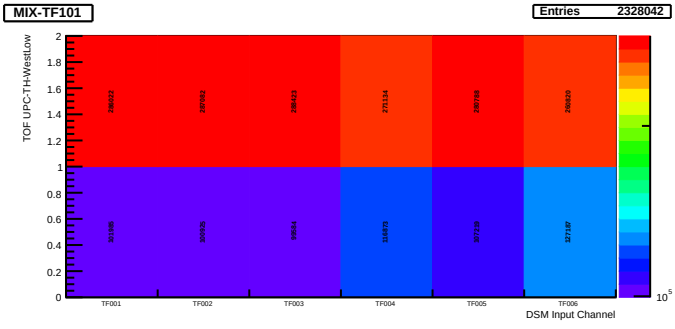

MIX-TF004
Entries 8148147
TOF MULT
TOF tray

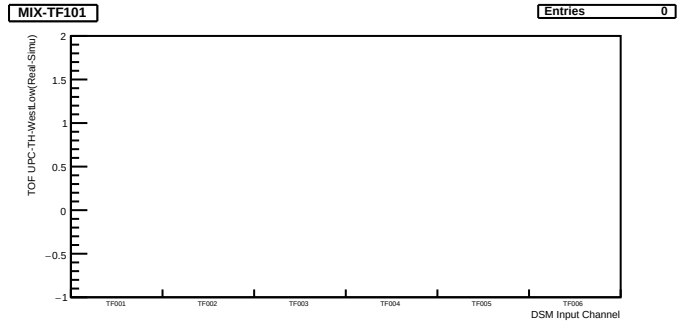

MIX-TF005
Entries 8148147
TOF MULT
TOF tray

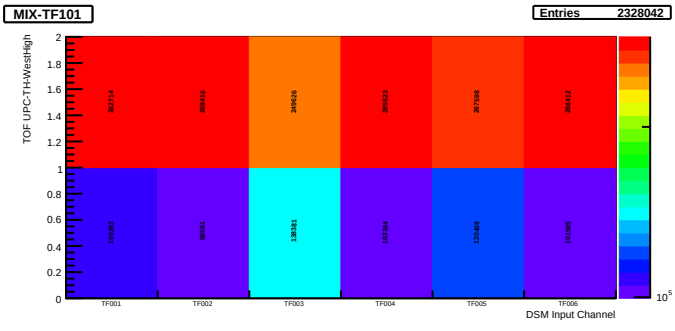

MIX-TF006
Entries 8148147
TOF MULT
TOF tray

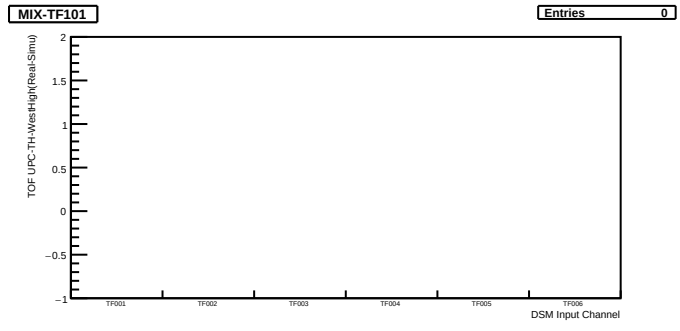

MIX-TF101
Entries 2328042
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

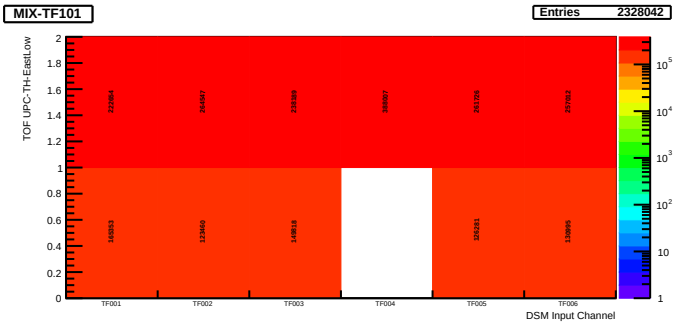

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

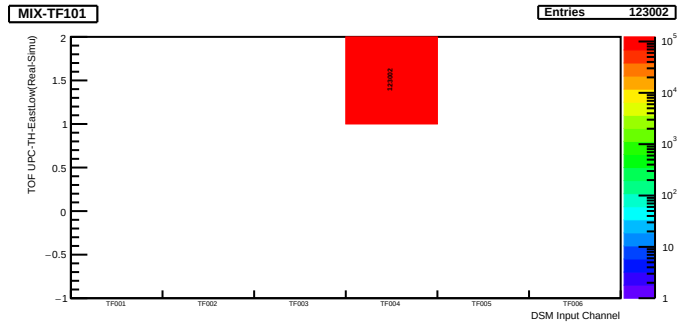

MIX-TF101
Entries 2328042
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

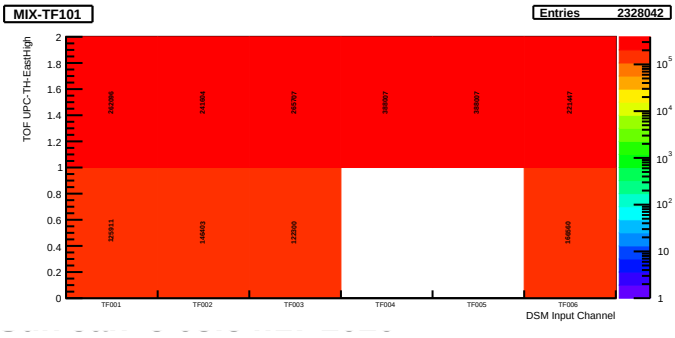

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

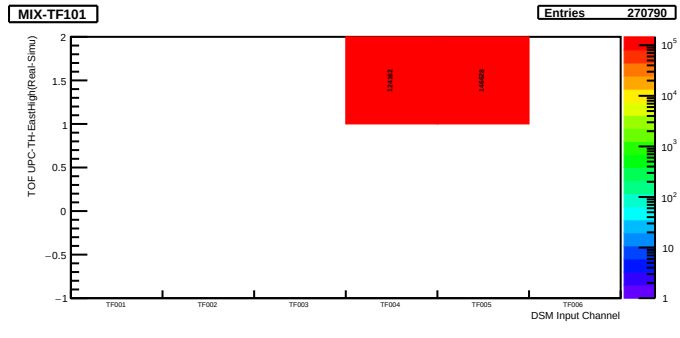

MIX-TF101
Entries 2328042
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

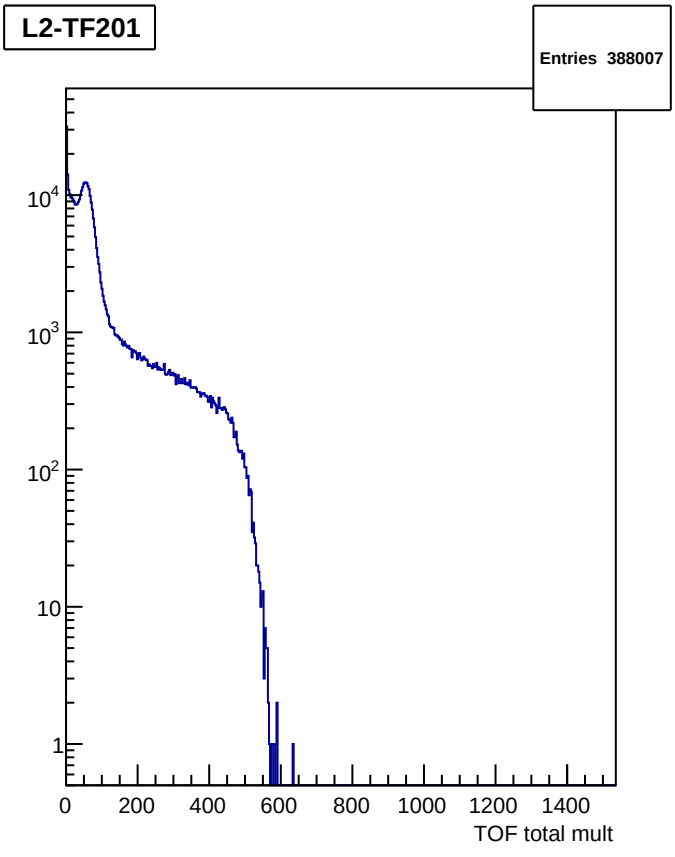

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

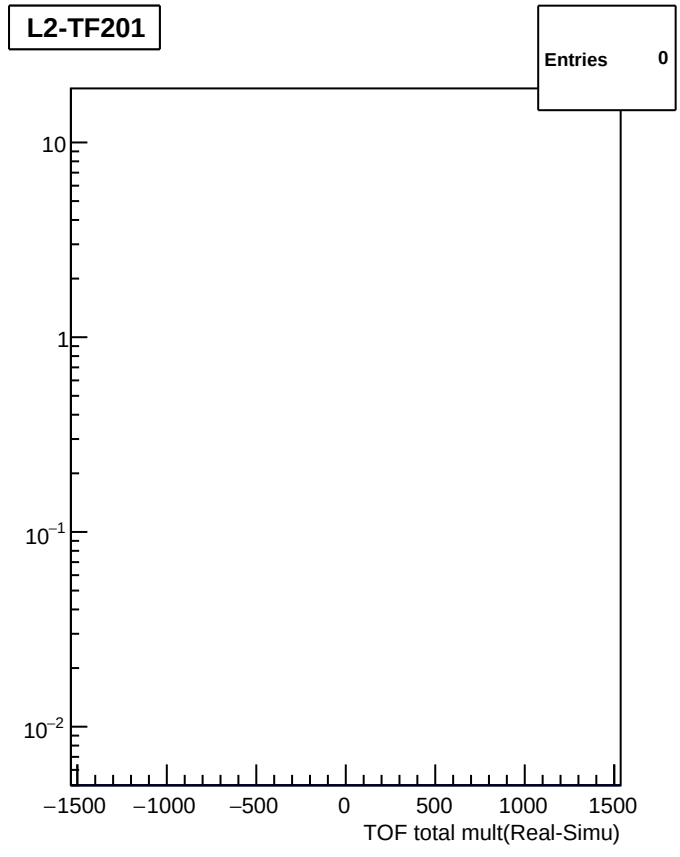

MIX-TF101
Entries 2328042
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

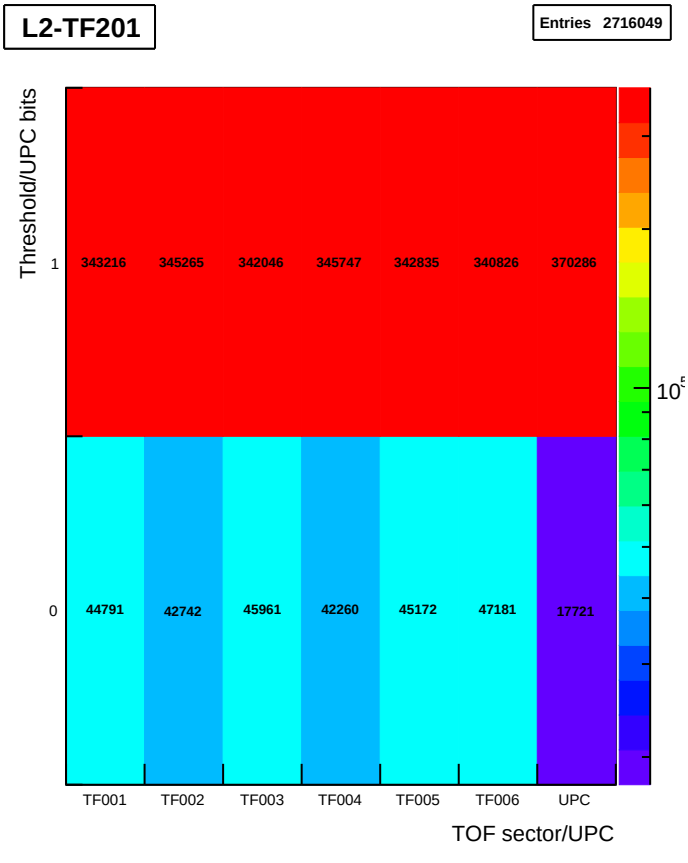

MIX-TF101
Entries 123002
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

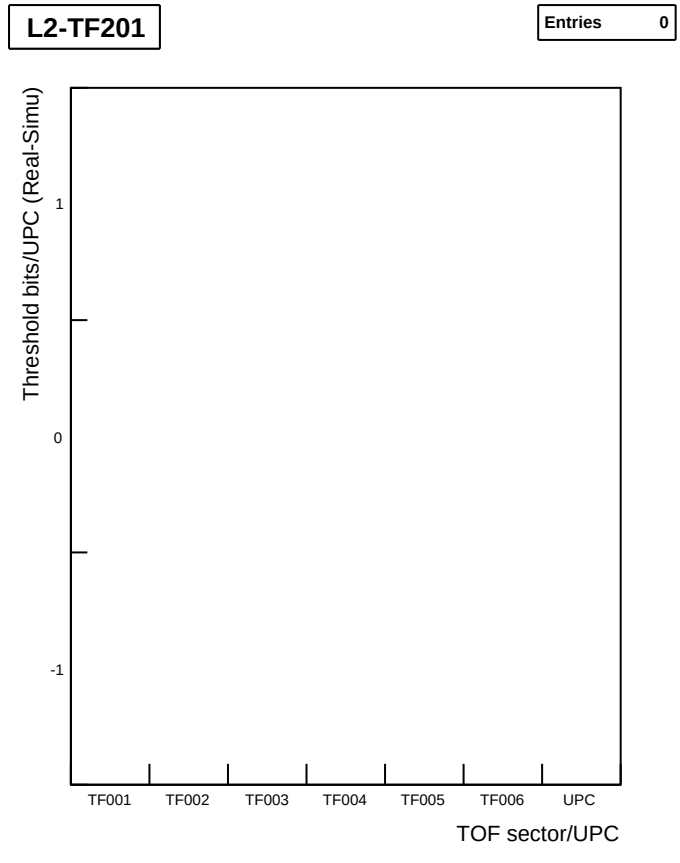

MIX-TF101
Entries 2328042
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

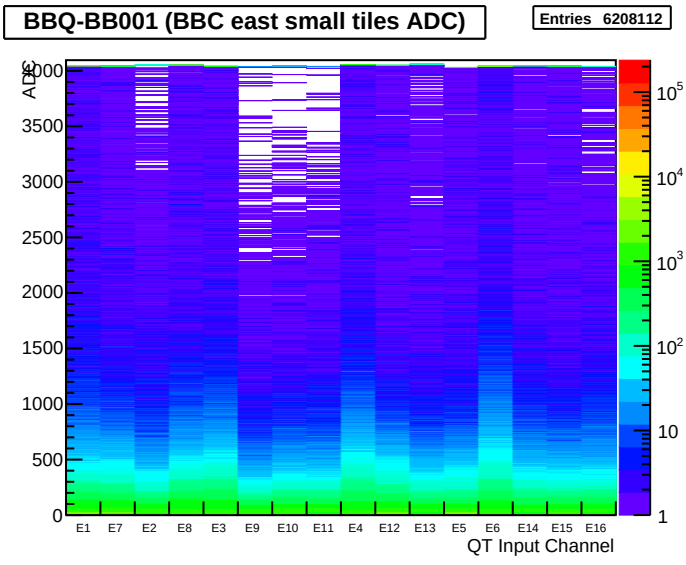

MIX-TF101
Entries 270790
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

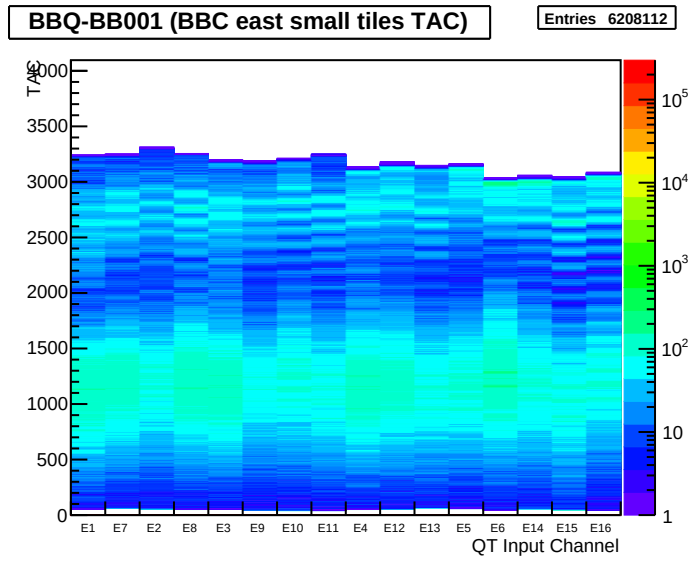

L2-TF201
Entries 388007
TOF total mult

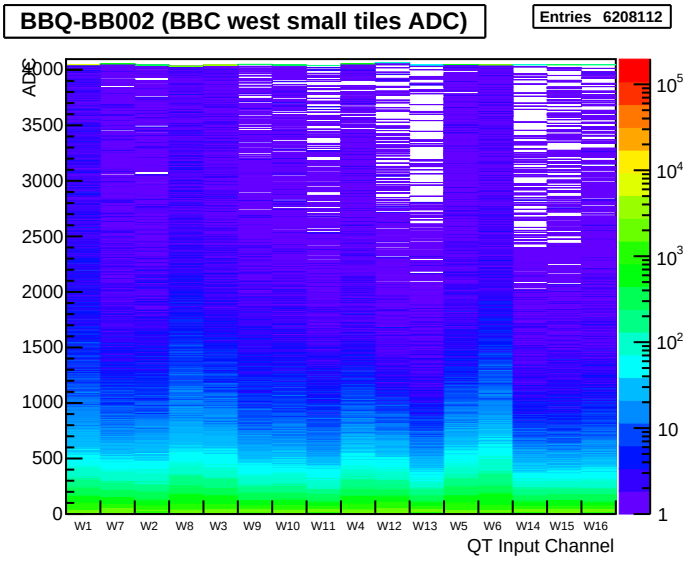

L2-TF201
Entries 0
TOF total mult(Real-Simu)

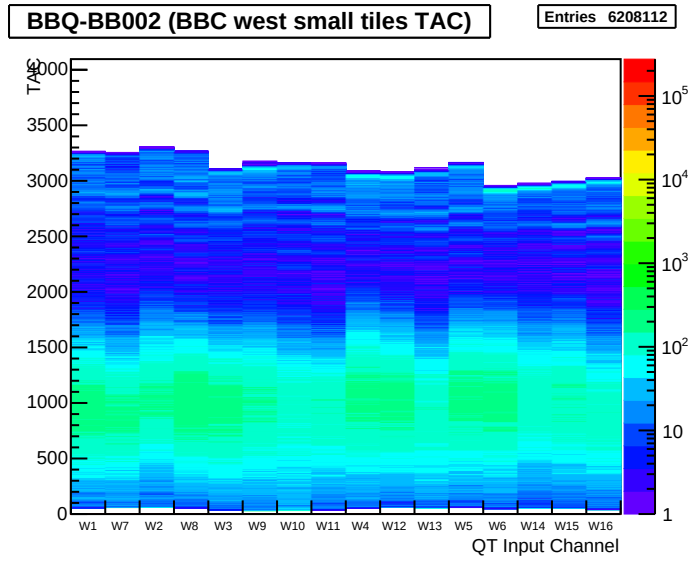

L2-TF201
Entries 2716049
Threshold/UPC bits
343216
345265
342046
345747
342835
340826
370286
44791
42742
45961
42260
45172
47181
17721
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

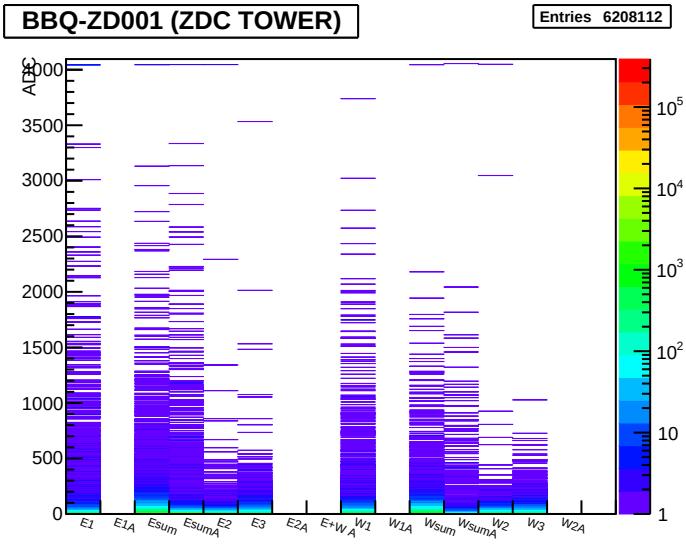

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

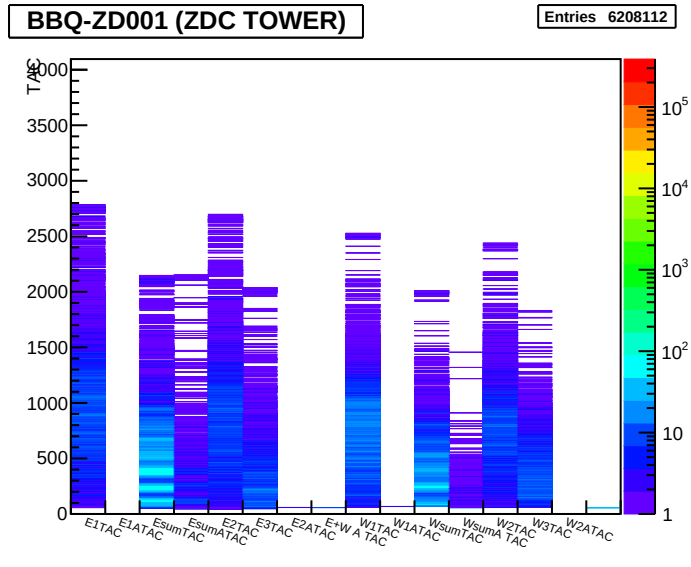

BBQ-BB001 (BBC east small tiles ADC)
Entries 6208112
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

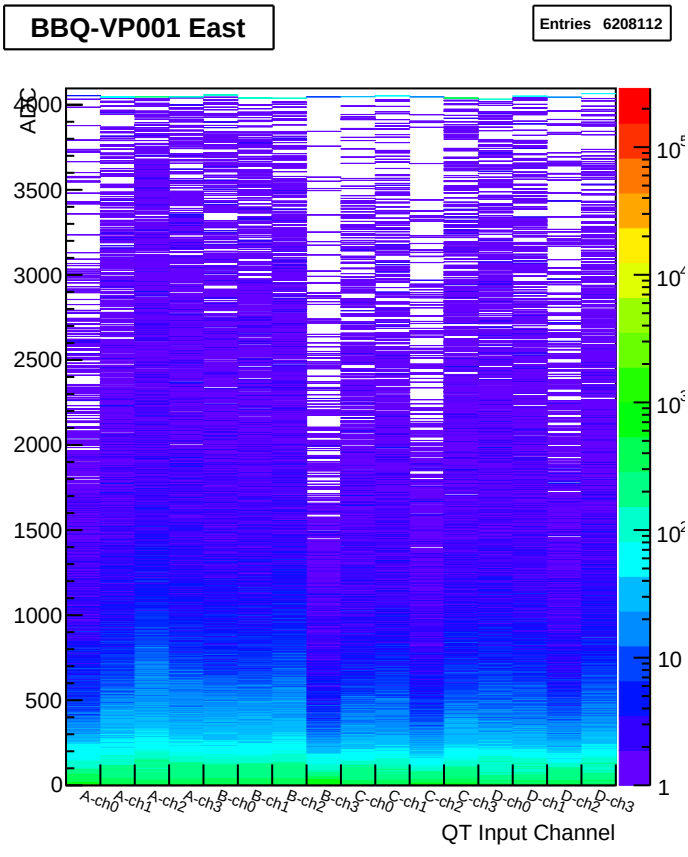

BBQ-BB001 (BBC east small tiles TAC)
Entries 6208112
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

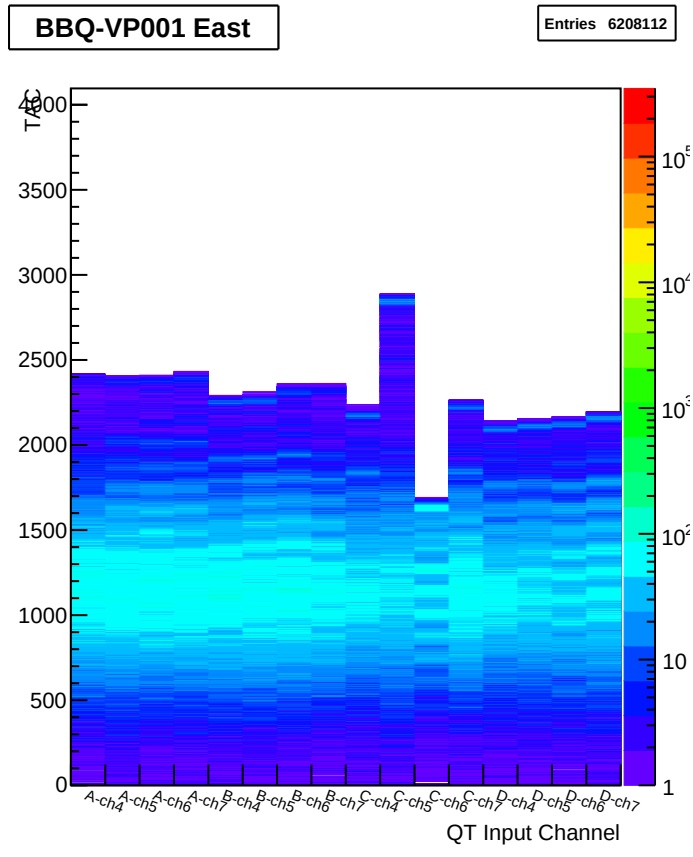

BBQ-BB002 (BBC west small tiles ADC)
Entries 6208112
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

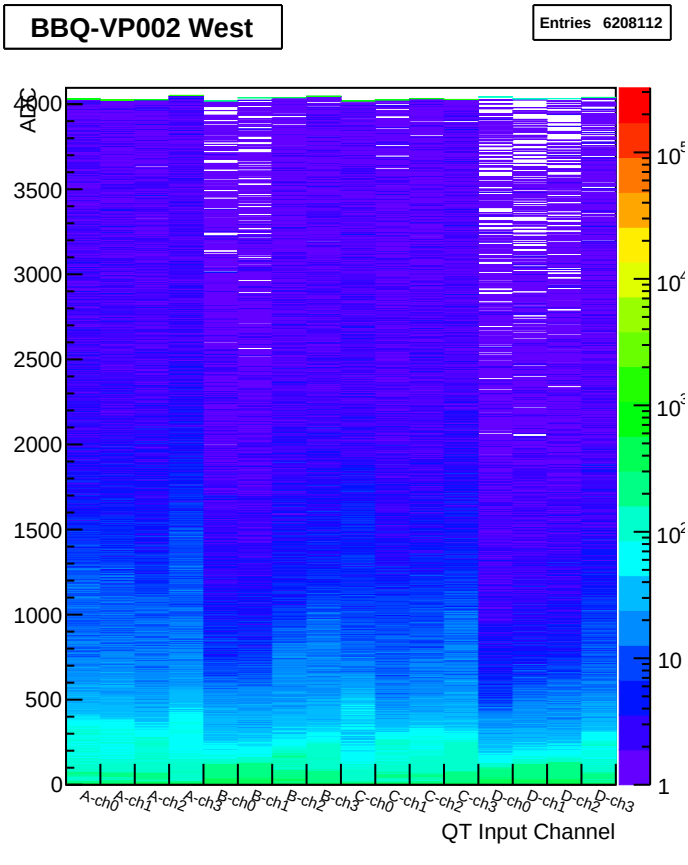

BBQ-BB002 (BBC west small tiles TAC)
Entries 6208112
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

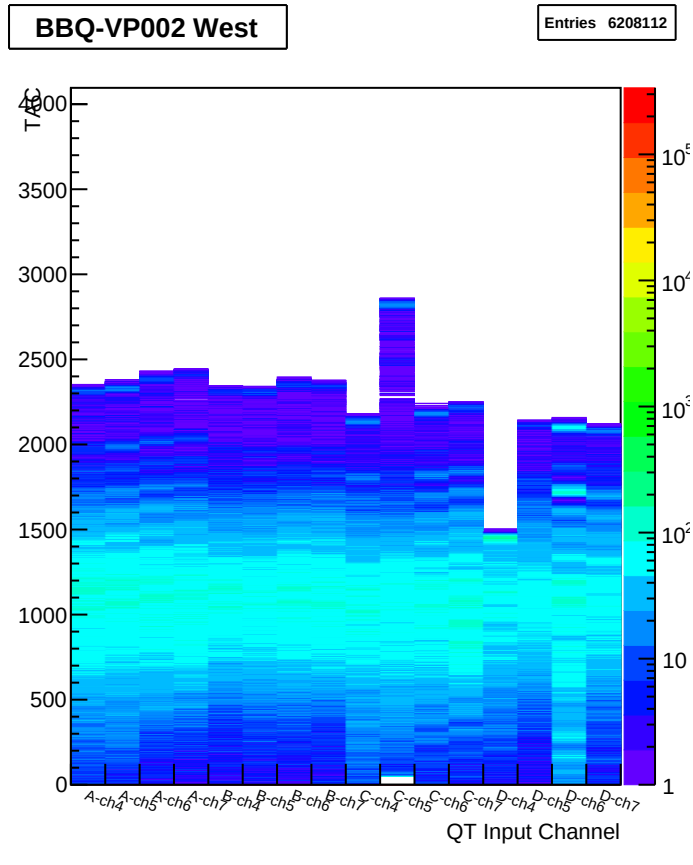

BBQ-ZD001 (ZDC TOWER)
Entries 6208112
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

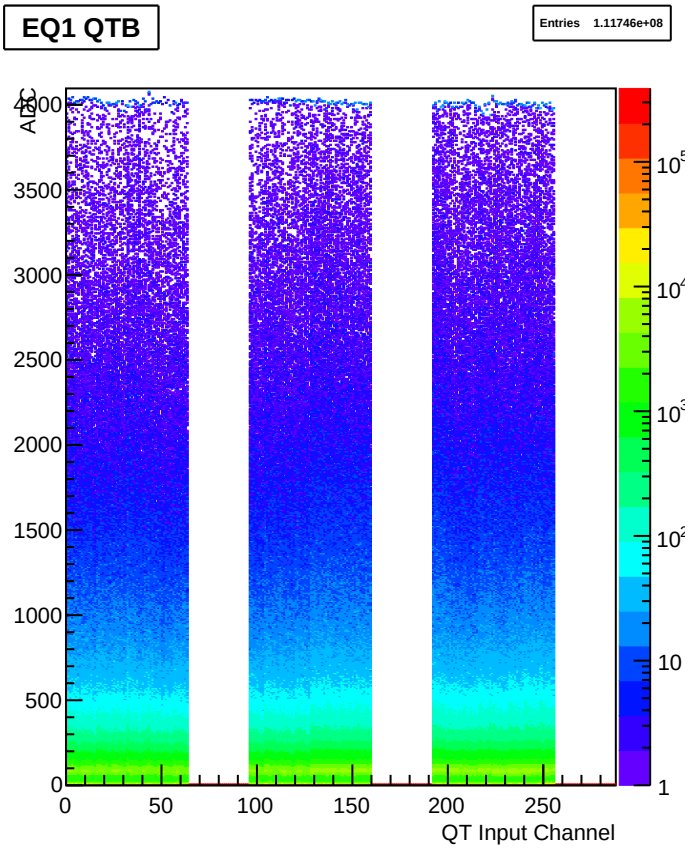

BBQ-ZD001 (ZDC TOWER)
Entries 6208112
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

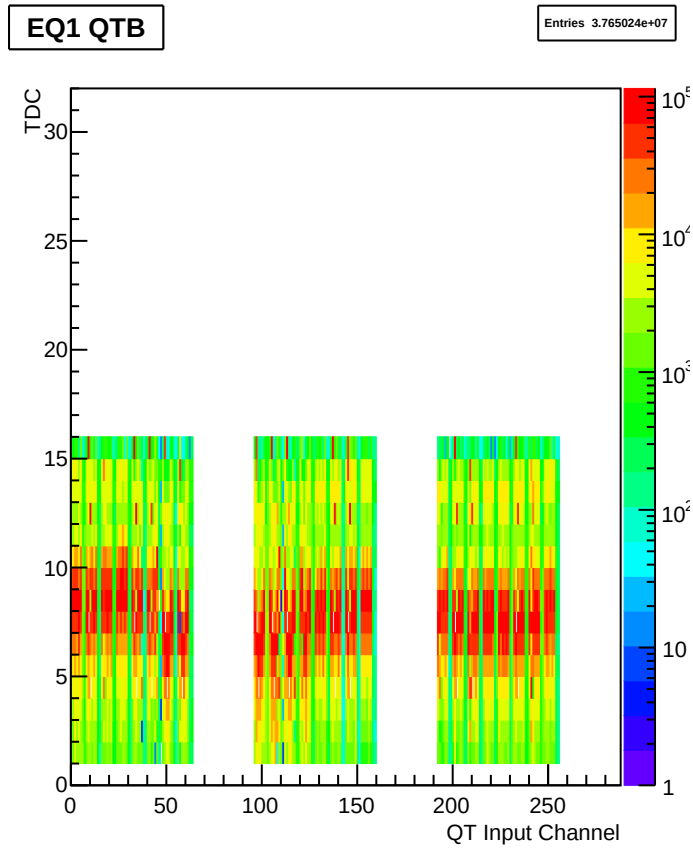

BBQ-VP001 East
Entries 6208112
ADC
QT Input Channel

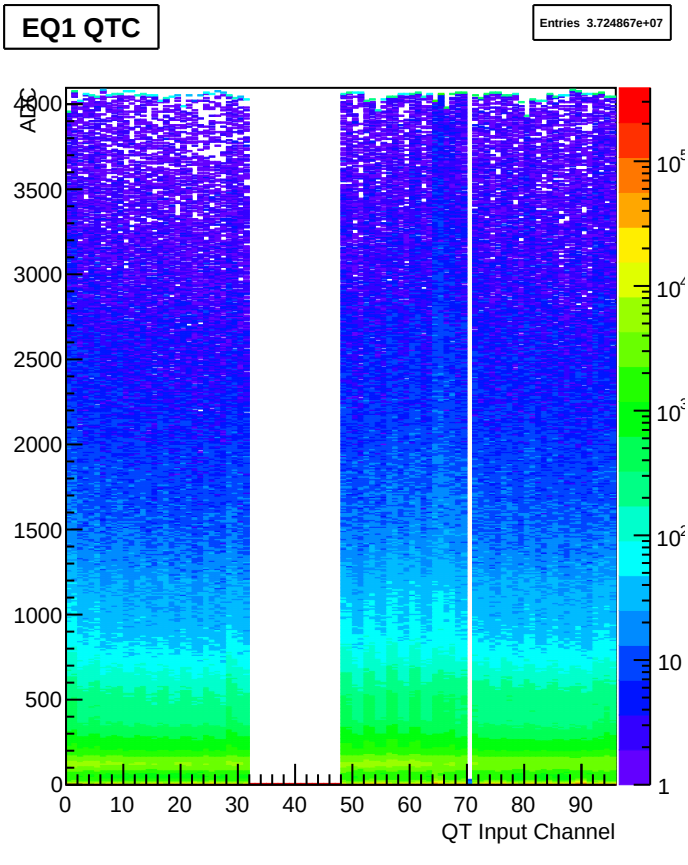

BBQ-VP001 East
Entries 6208112
ADC
QT Input Channel

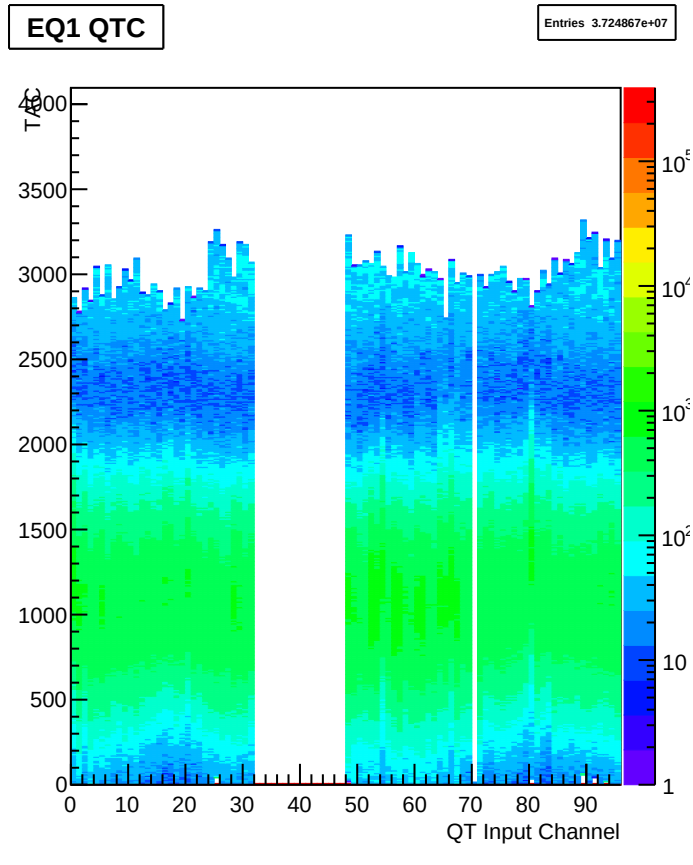

BBQ-VP002 West
Entries 6208112
ADC
QT Input Channel

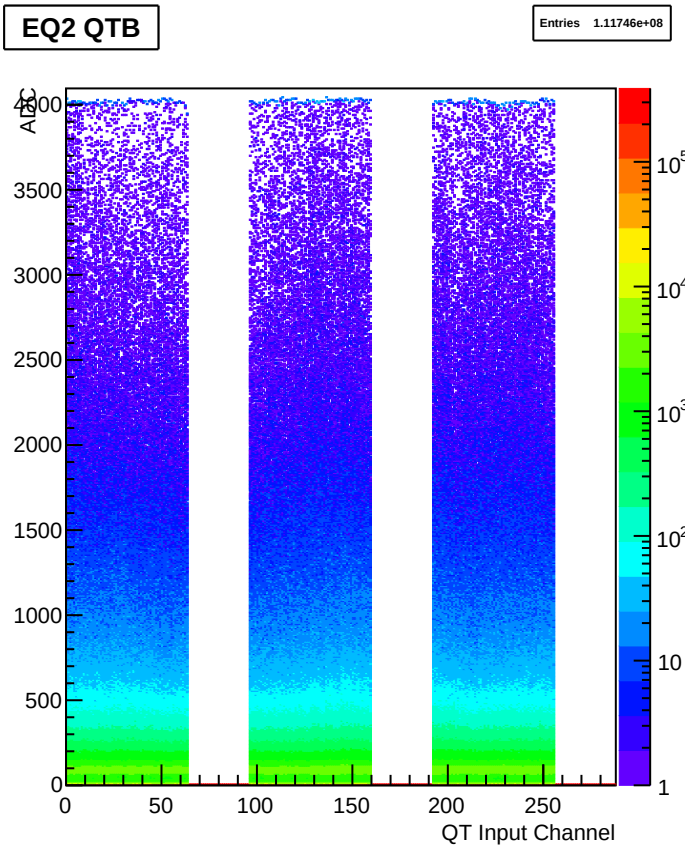

BBQ-VP002 West
Entries 6208112
ADC
QT Input Channel

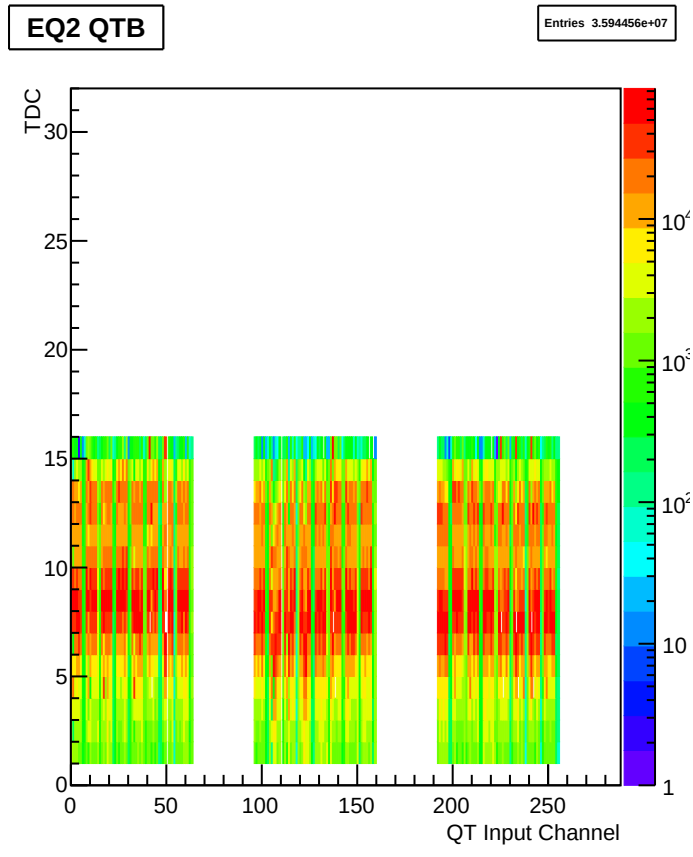

EQ1 QTB
Entries 1.11746e+08
ADC
QT Input Channel

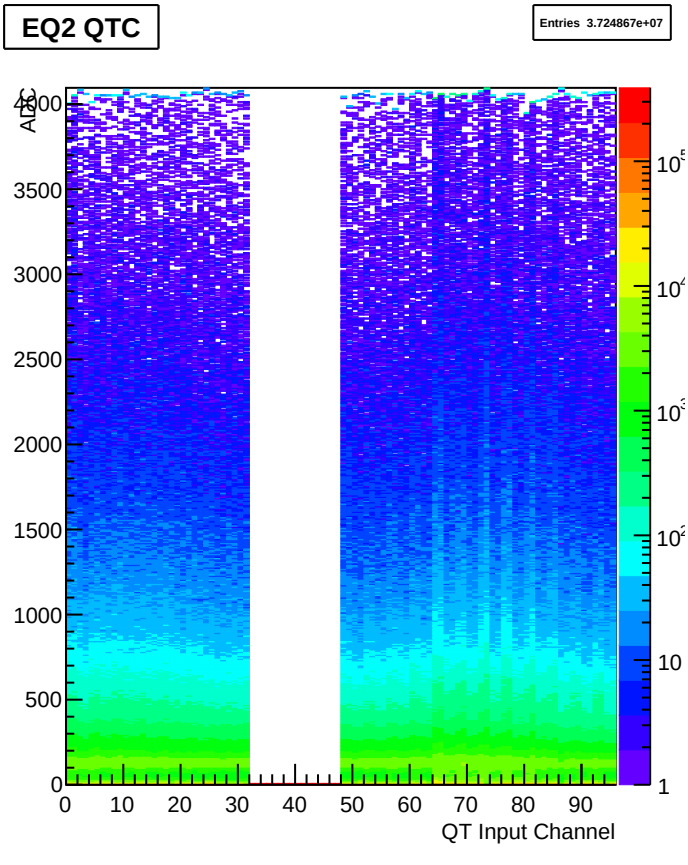

EQ1 QTB
Entries 3.765024e+07
TDC
QT Input Channel

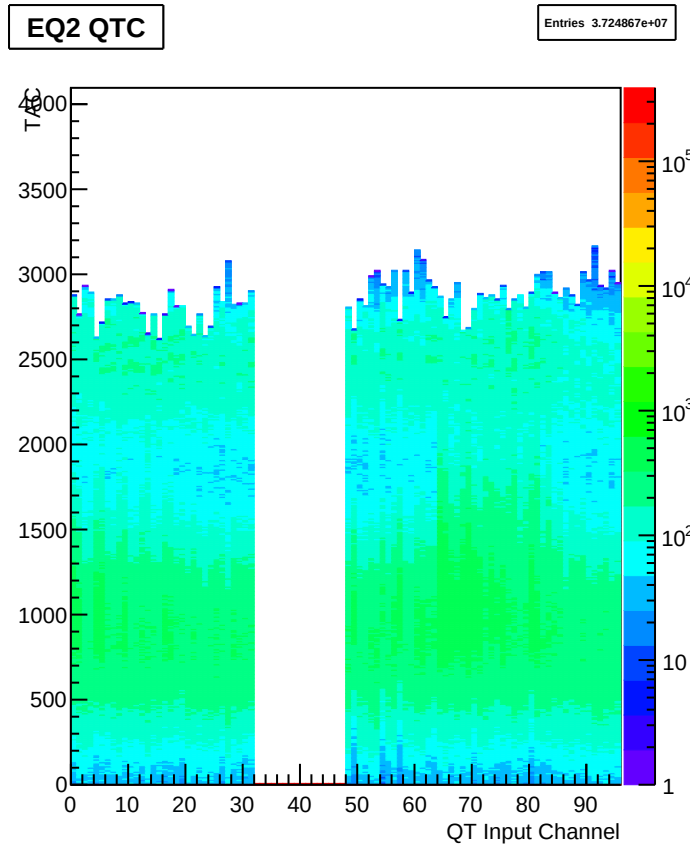

EQ1 QTC
Entries 3.724867e+07
ADC
QT Input Channel

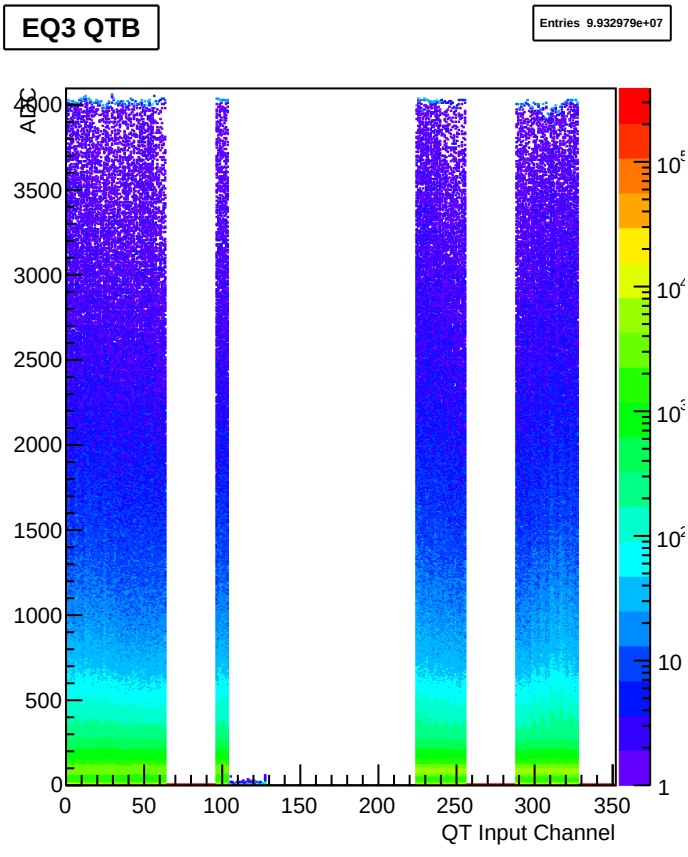

EQ1 QTC
Entries 3.724867e+07
TADC
QT Input Channel

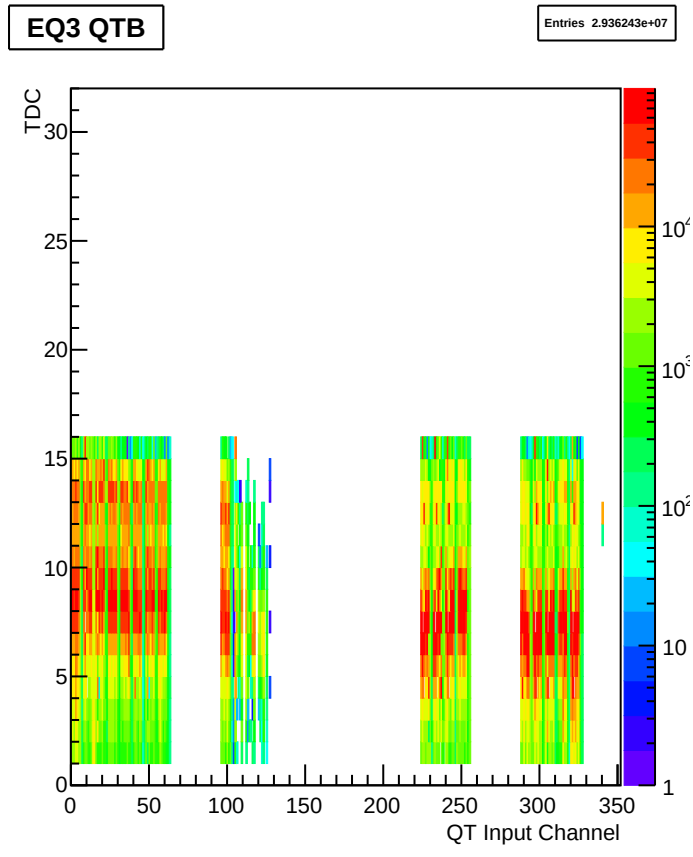

EQ2 QTB
Entries 1.11746e+08
ADC
QT Input Channel

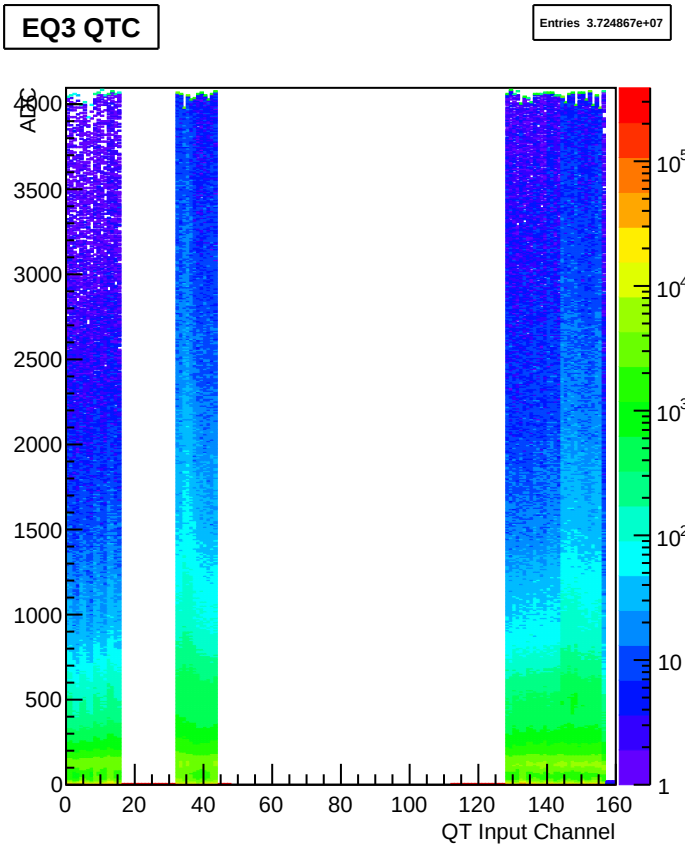

EQ2 QTB
Entries 3.594456e+07
TDC
QT Input Channel

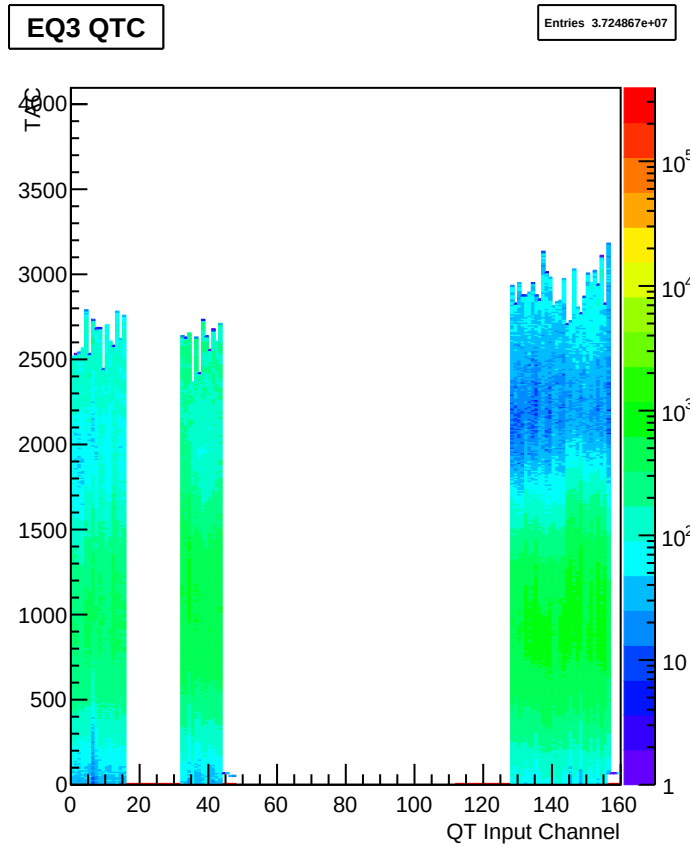

EQ2 QTC
Entries 3.724867e+07
ADC
QT Input Channel

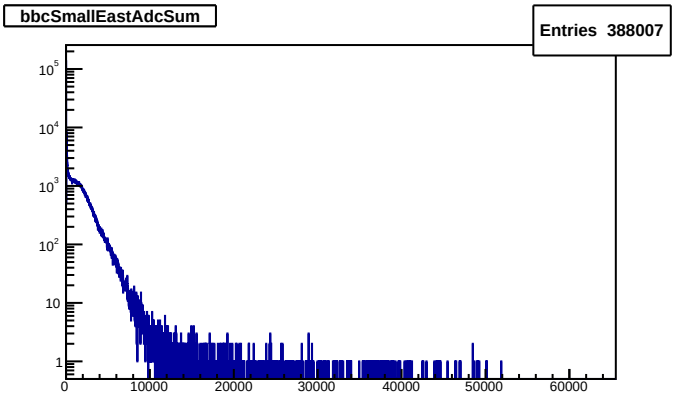

EQ2 QTC
Entries 3.724867e+07
TADC
QT Input Channel

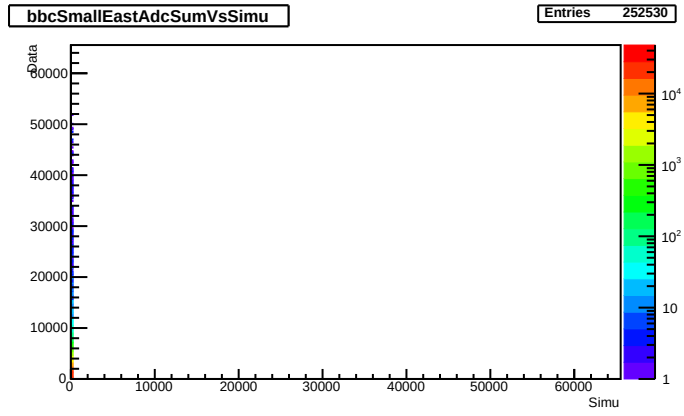

EQ3 QTB
Entries 9.932979e+07
ADC
QT Input Channel

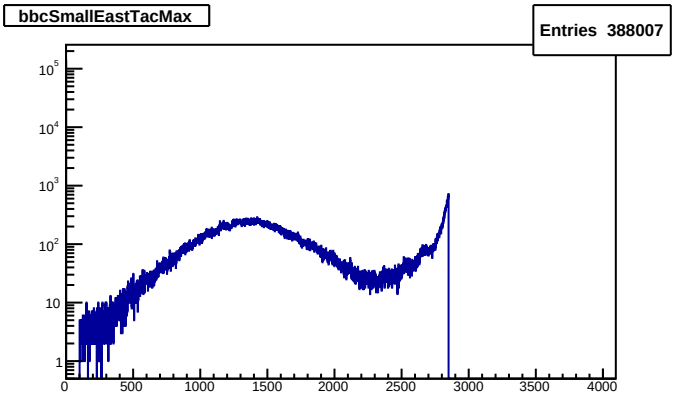

EQ3 QTB
Entries 2.936243e+07
TDC
QT Input Channel

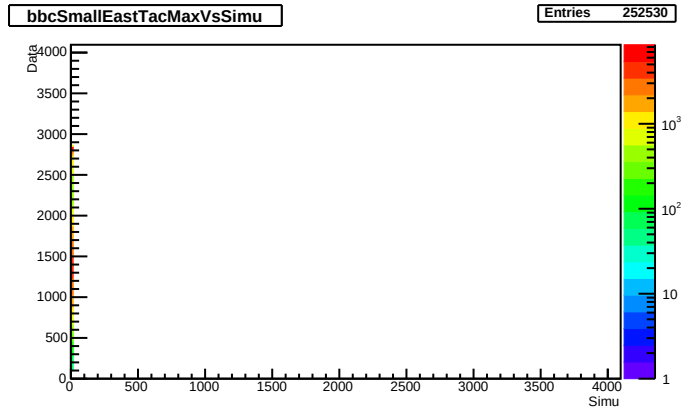

EQ3 QTC
Entries 3.724867e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.724867e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 388007


bbcSmallEastAdcSumVsSimu
Entries 252530
Data
Simu


bbcSmallEastTacMax
Entries 388007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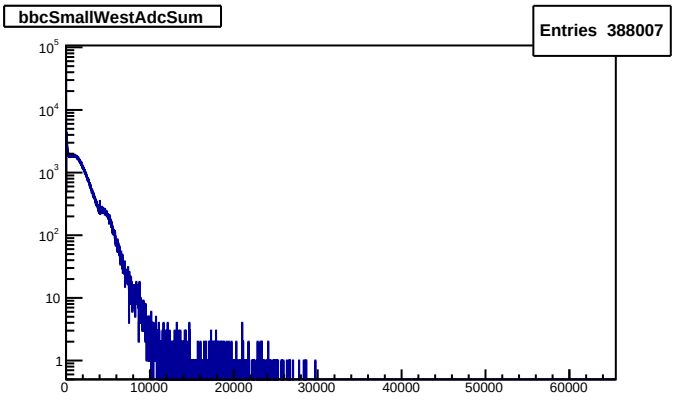
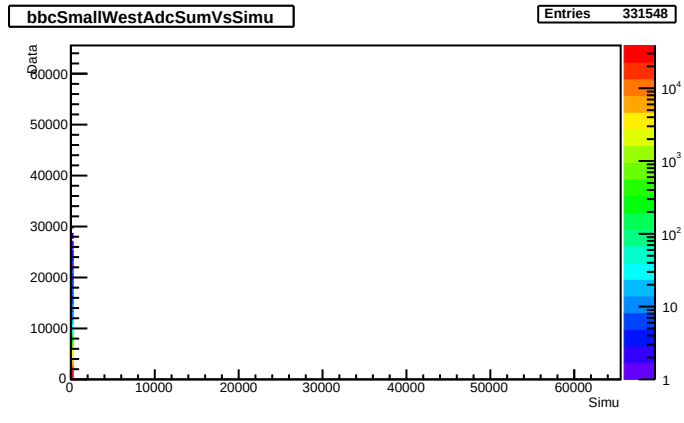
Entries 252530
Data
Simu


bbcSmallWestAdcSum
Entries 388007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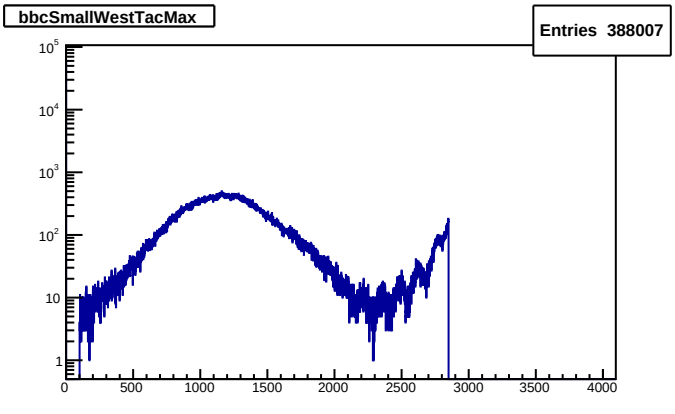
Entries 331548
Data
Simu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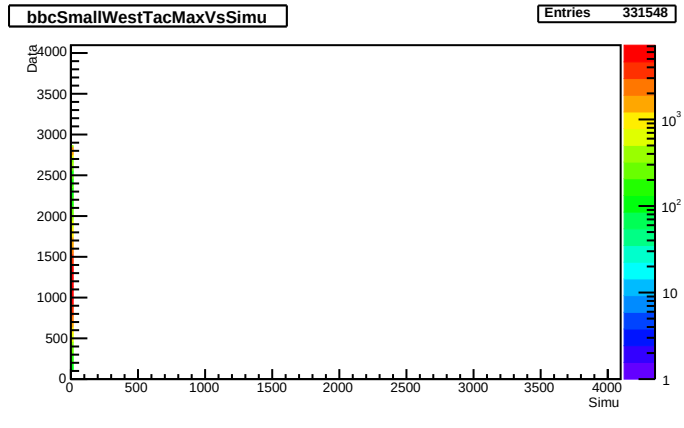
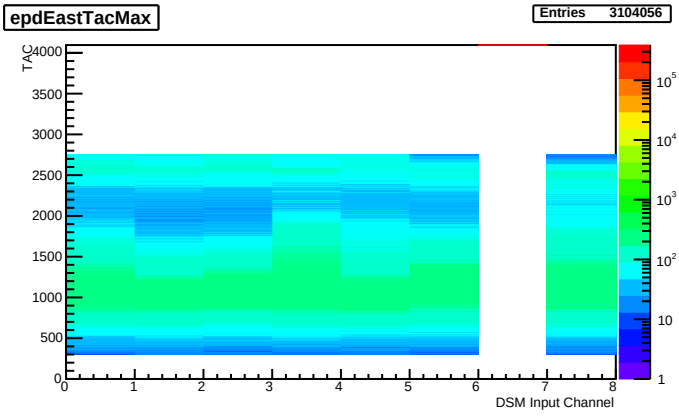
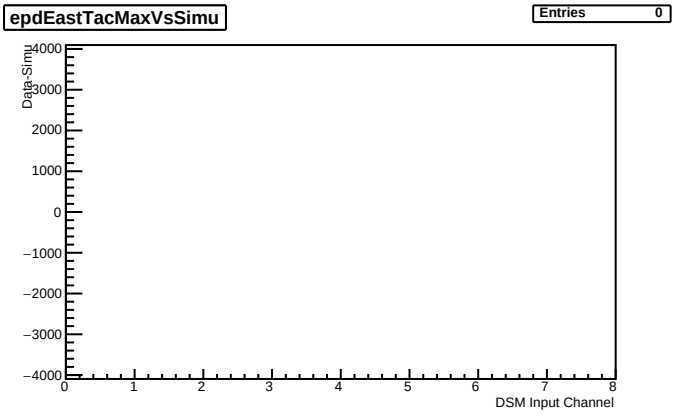
Entries 388007


bbcSmallWestTacMaxVsSimu
Entries 331548
Data
Simu


epdEastTacMax
Entries 3104056
TAC
DSM Input Channel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Data-Simu
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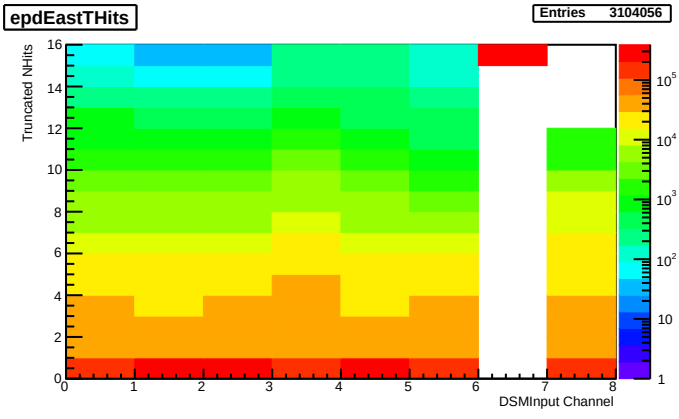
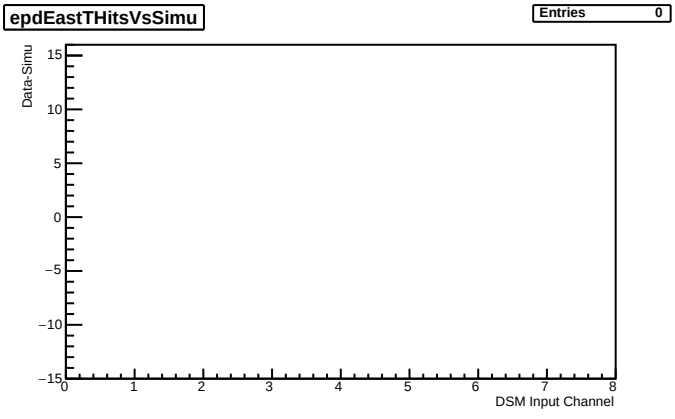

epdEastTHits
Entries 3104056
Truncated NHits
DSMInput Channel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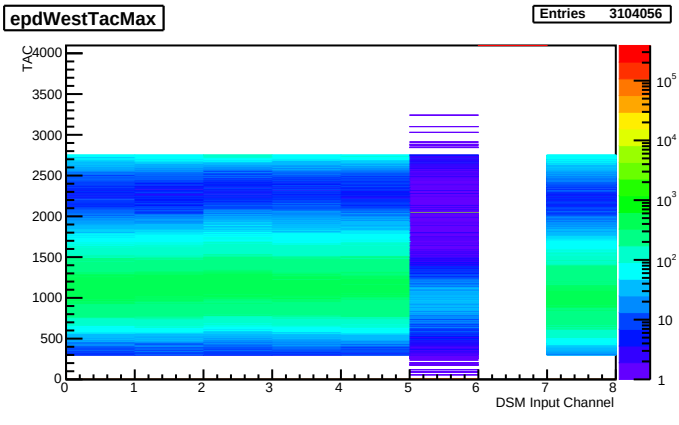
Data-Simu
DSM Input Channel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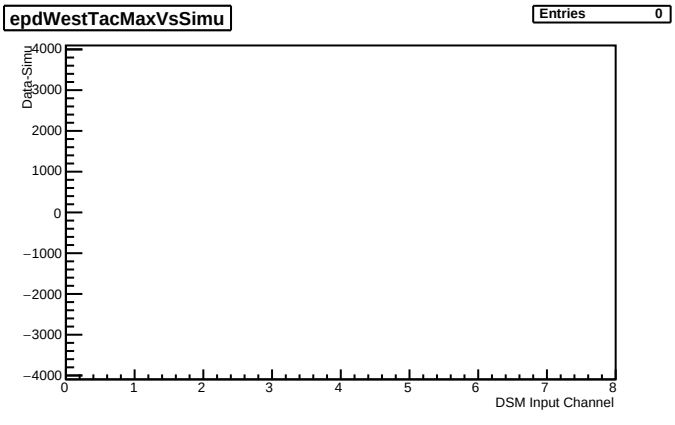
Entries 3104056
TAC
DSM Input Channel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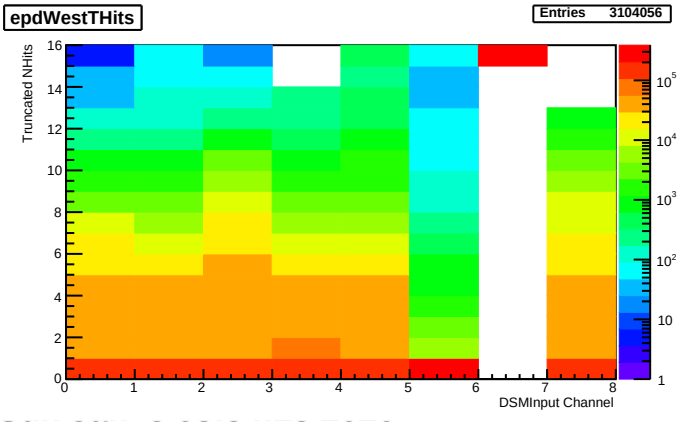
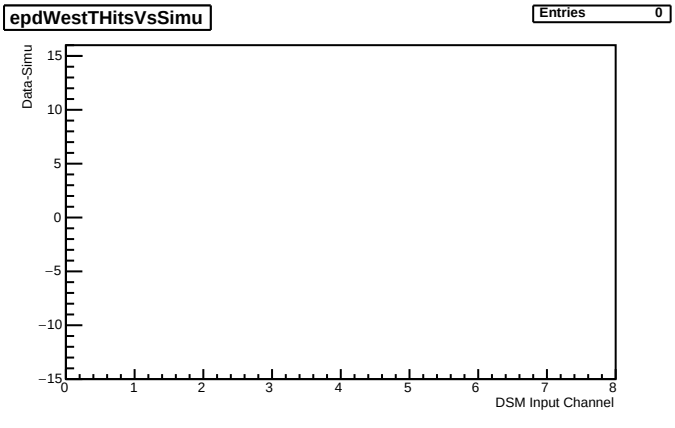
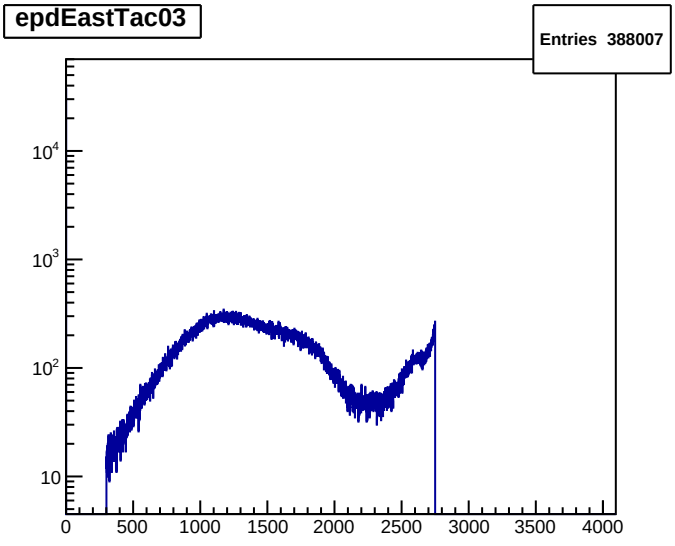
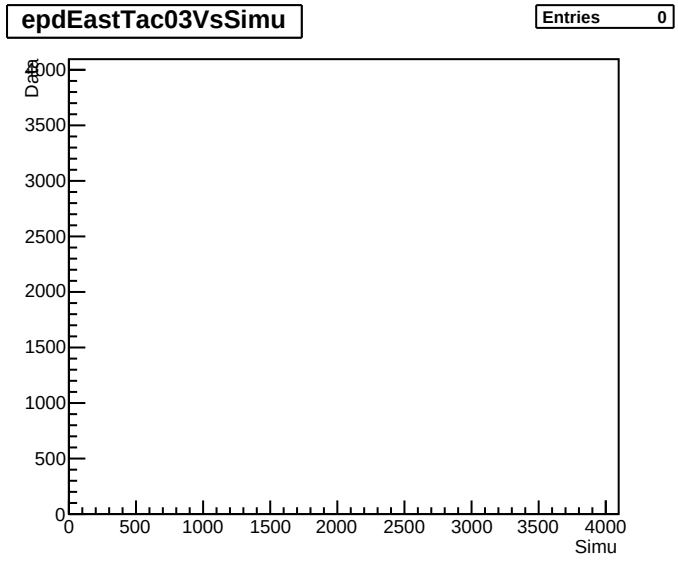
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3104056
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 388007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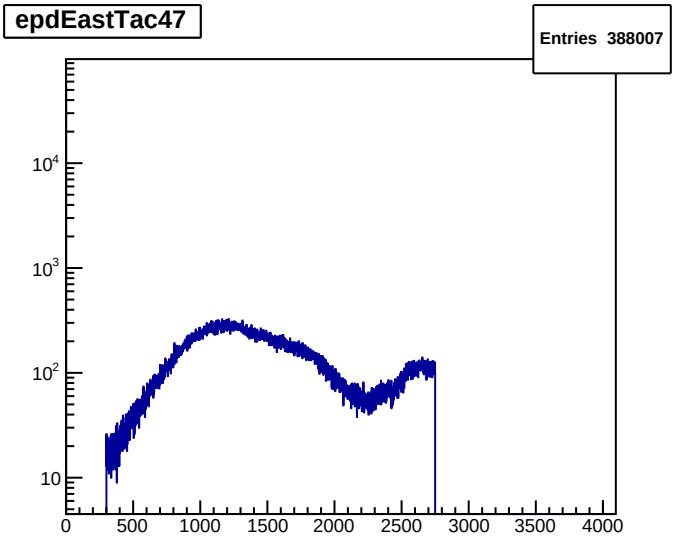
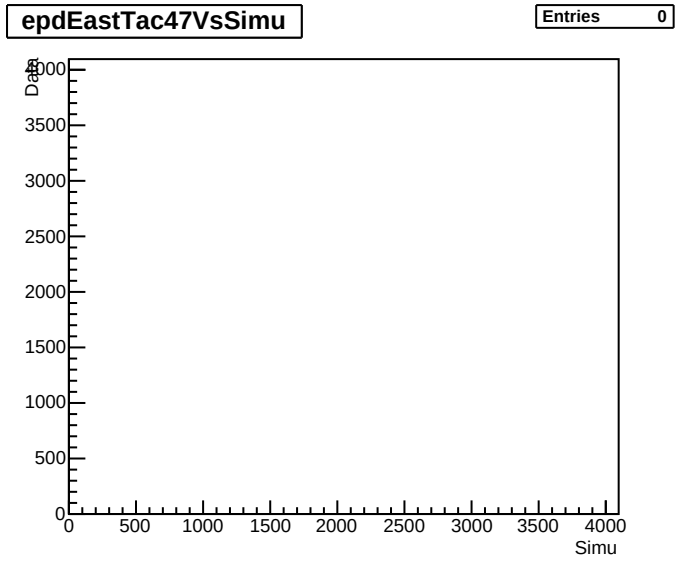
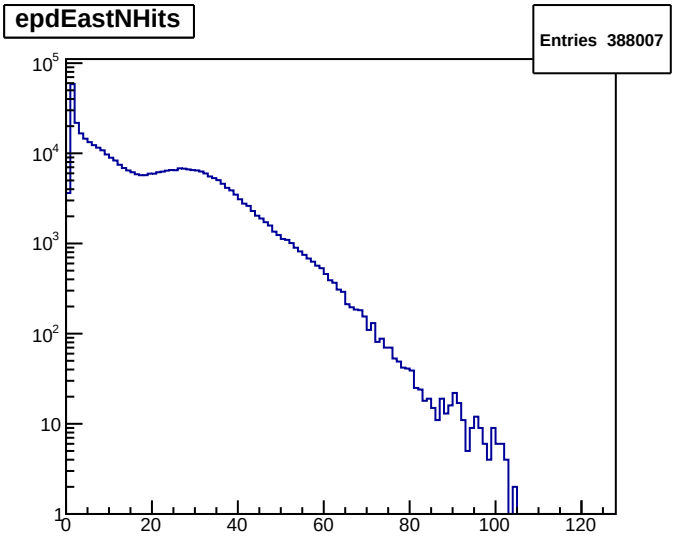
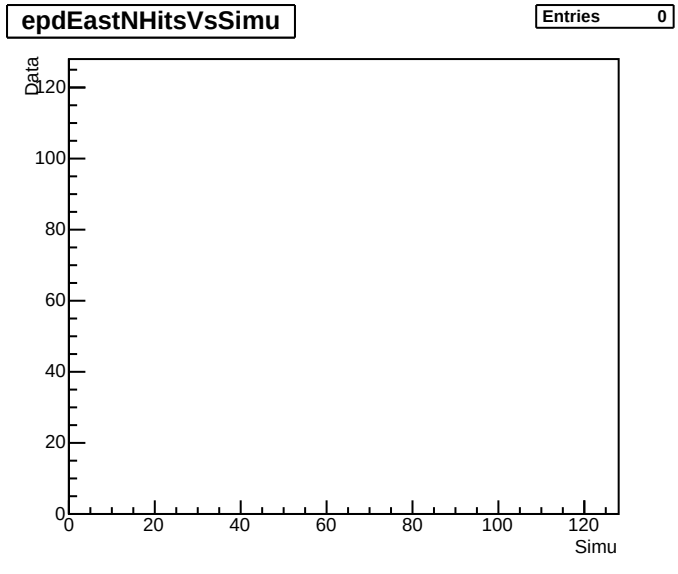
Entries 0
Data
Simu


epdEastTac47
Entries 388007


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 388007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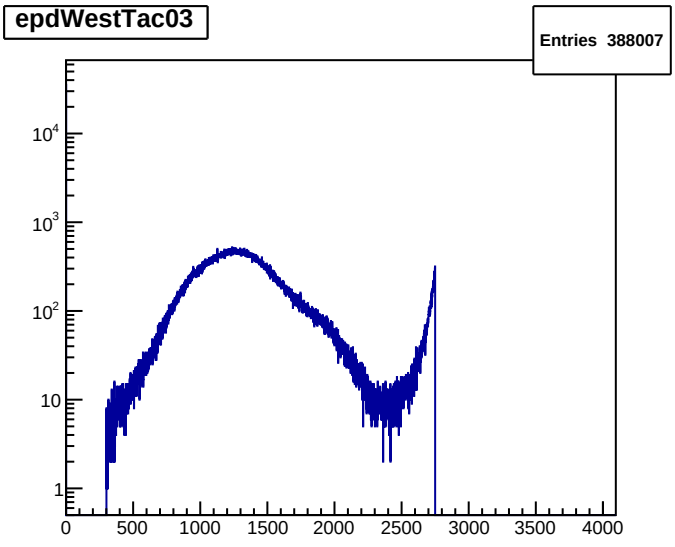
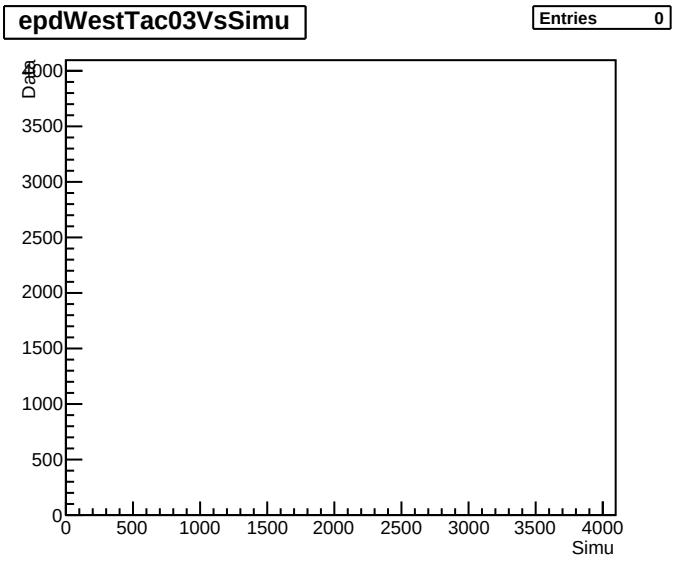
Entries 0
Data
Simu


epdWestTac03
Entries 388007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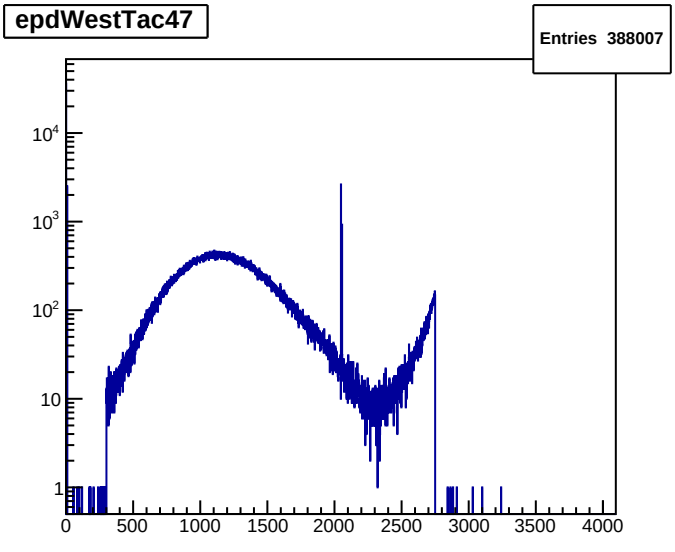
Entries 0
Data
Simu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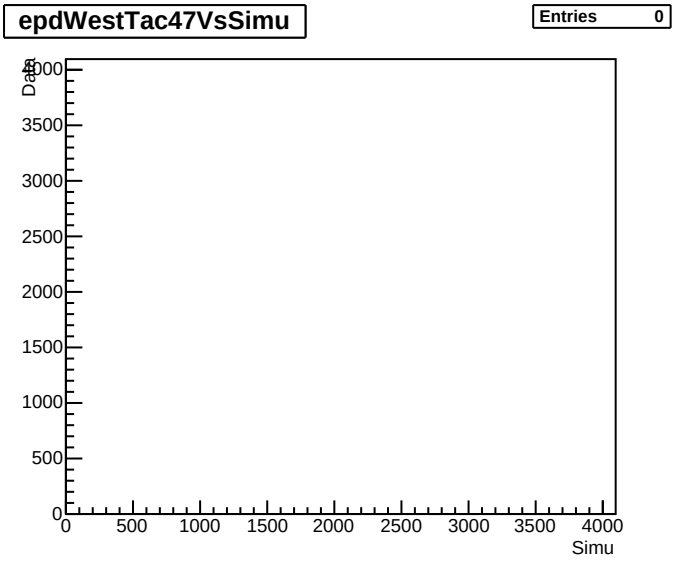
Entries 388007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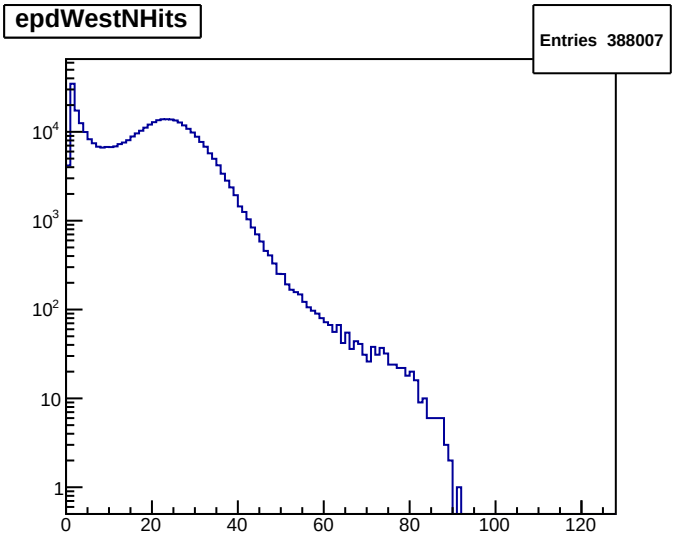
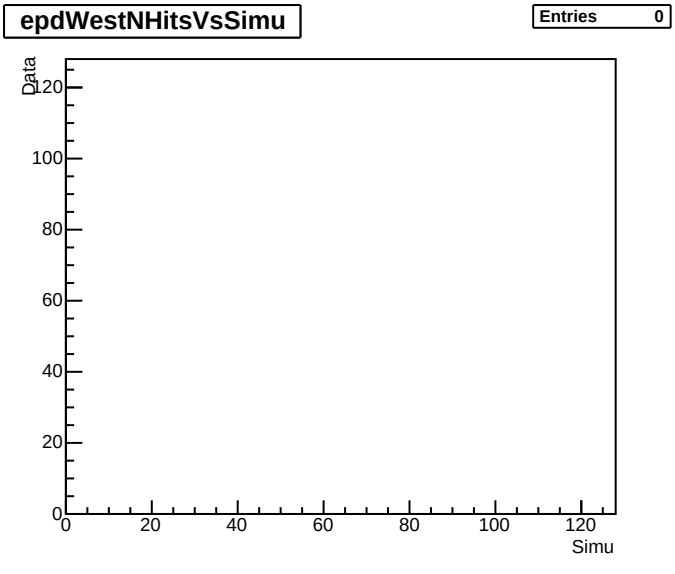
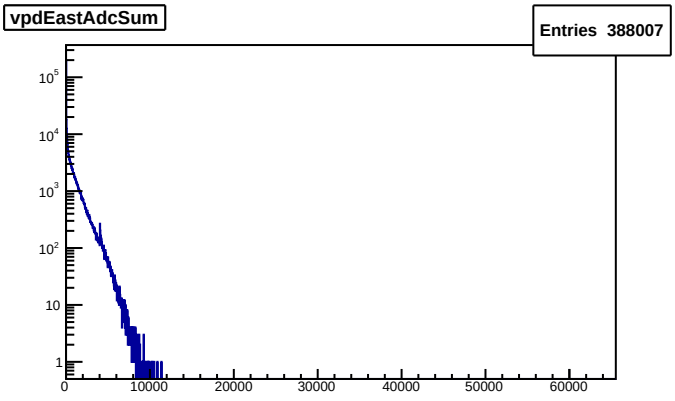
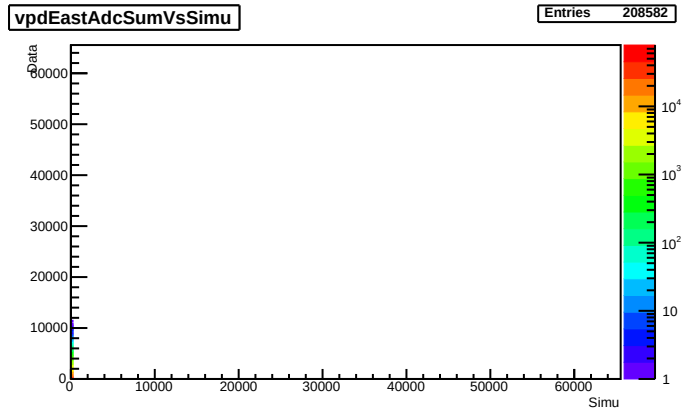
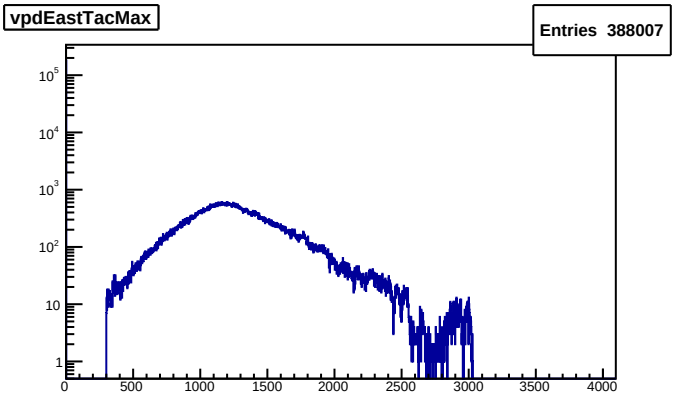
Entries 0
Data
Simu

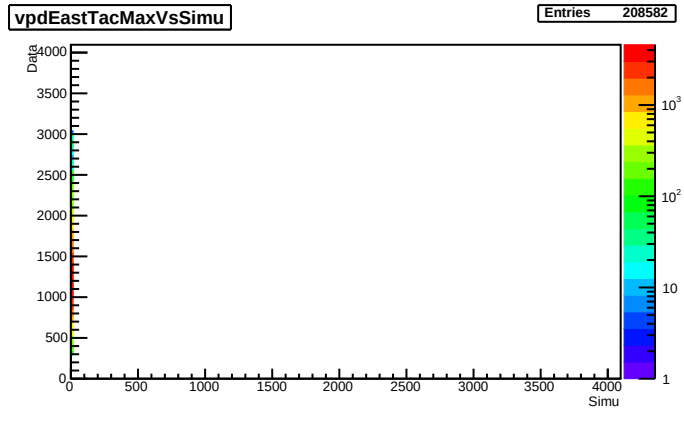

epdWestNHits
Entries 388007

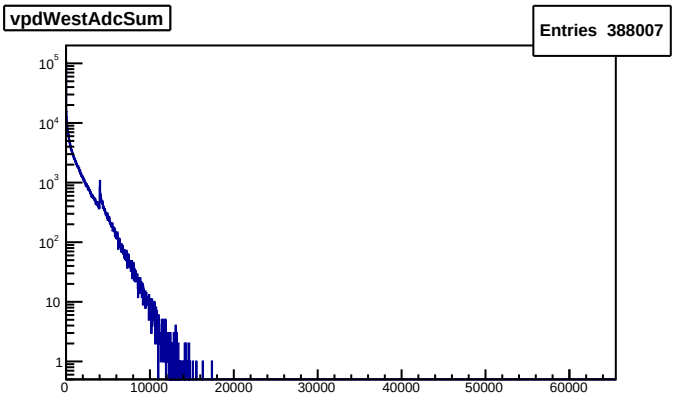

epdWestNHitsVsSimu
Entries 0
Data
Simu

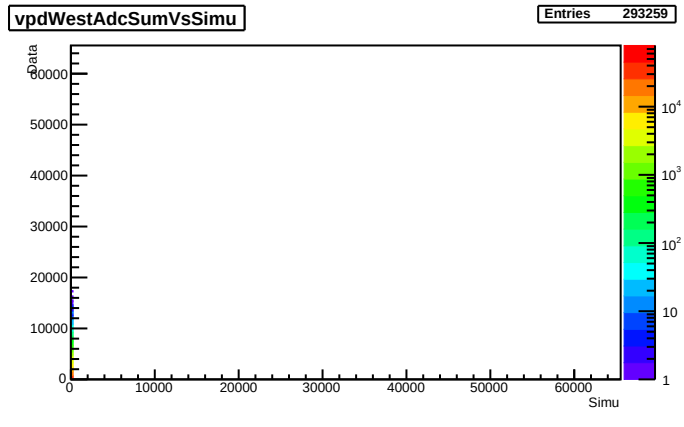

vpdEastAdcSum
Entries 388007

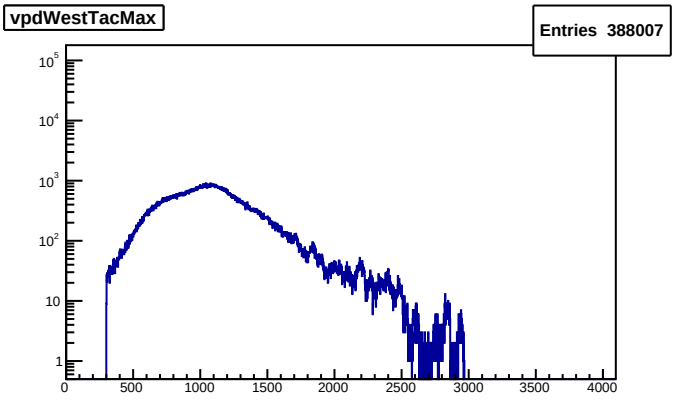

vpdEastAdcSumVsSimu
Entries 208582
Data
Simu

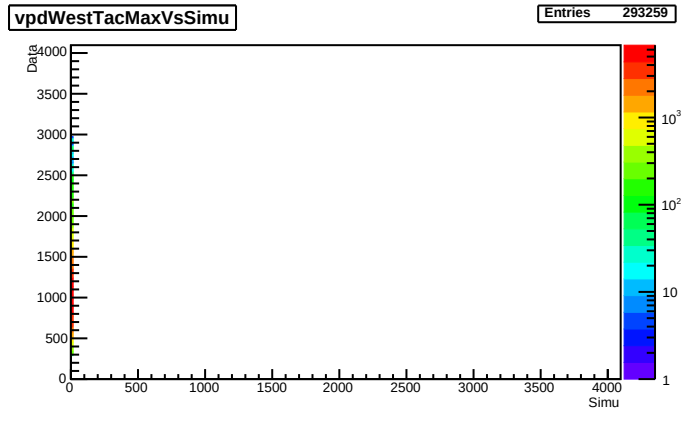

vpdEastTacMax
Entries 388007

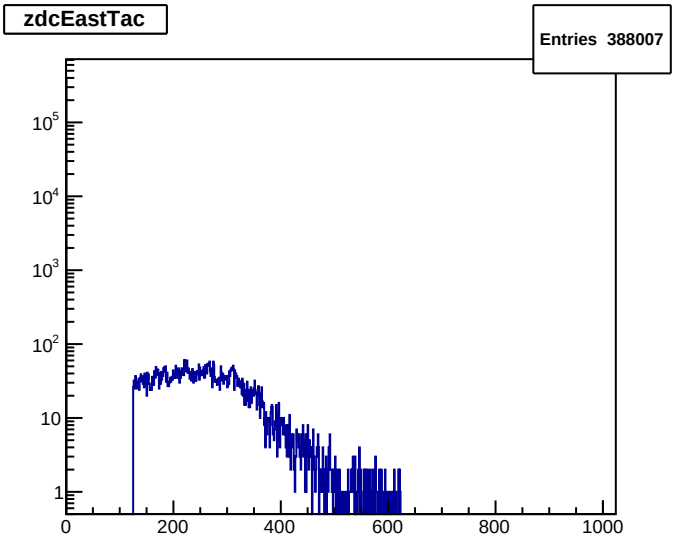

vpdEastTacMaxVsSimu
Entries 208582
Data
Simu

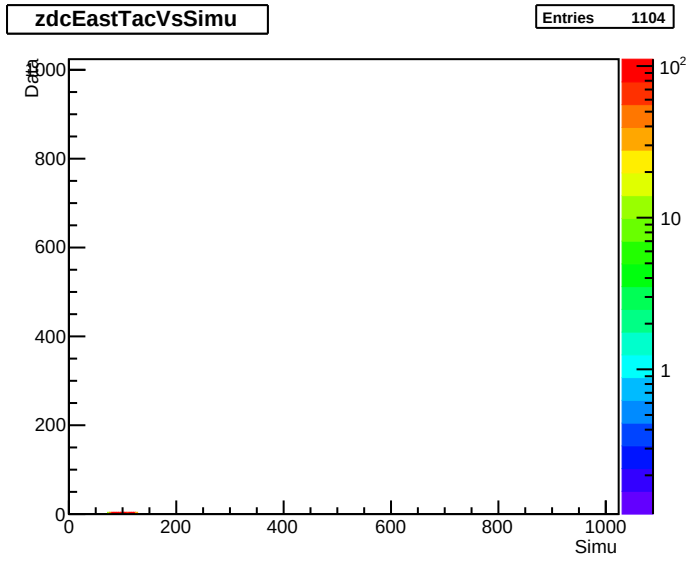

vpdWestAdcSum
Entries 388007

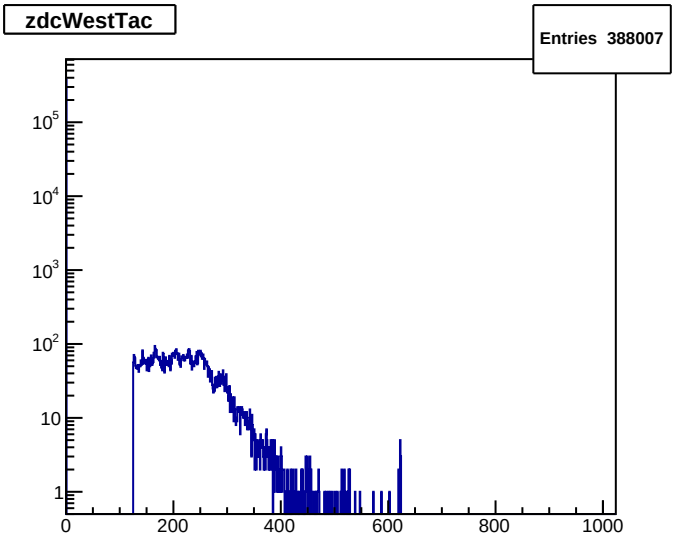

vpdWestAdcSumVsSimu
Entries 293259
Data
Simu

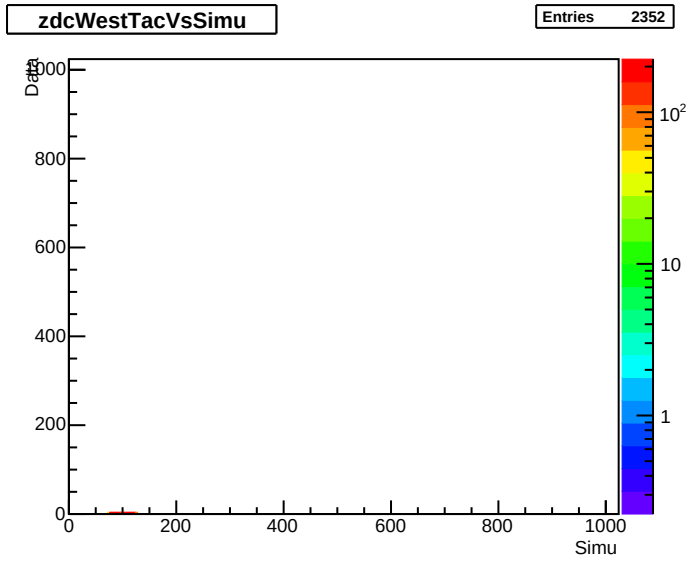

vpdWestTacMax
Entries 388007

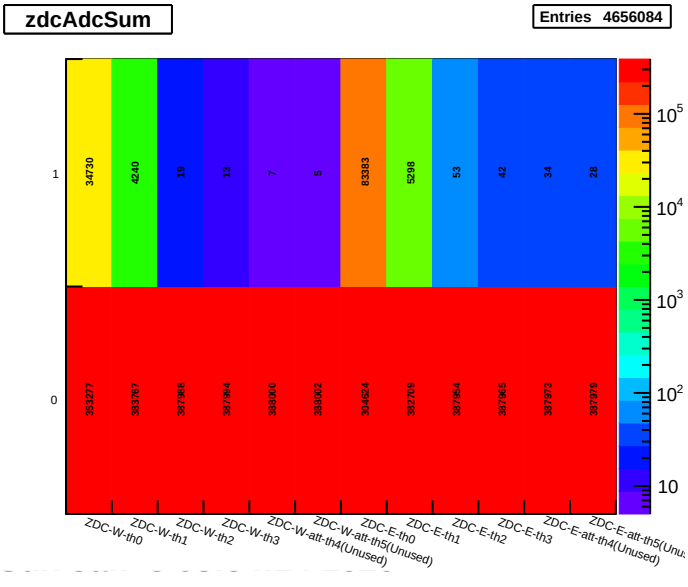

vpdWestTacMaxVsSimu
Entries 293259
Data
Simu

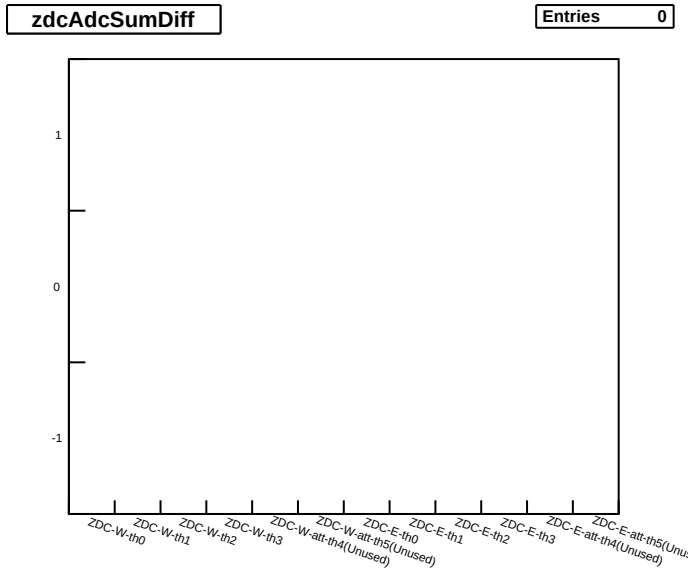

zdcEastTac
Entries 388007

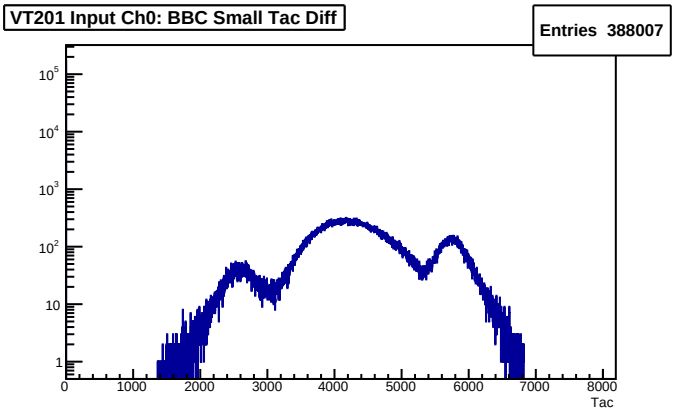

zdcEastTacVsSimu
Entries 1104
Data
Simu

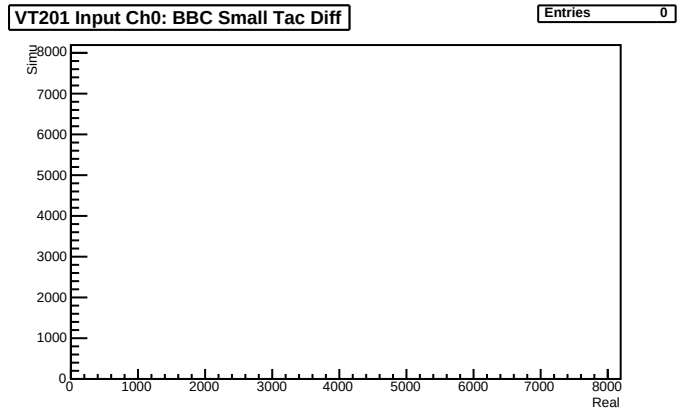

zdcWestTac
Entries 388007

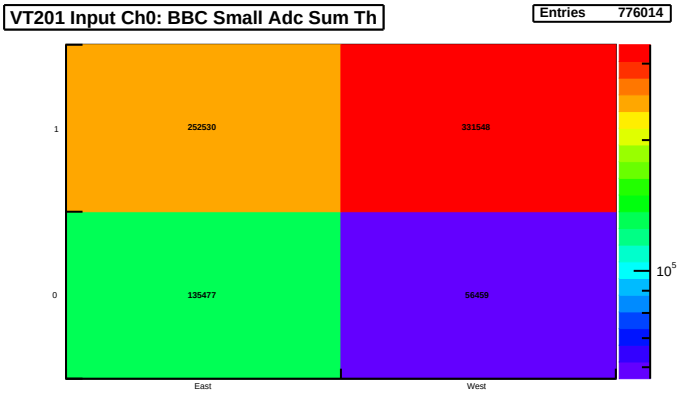

zdcWestTacVsSimu
Entries 2352
Data
Simu

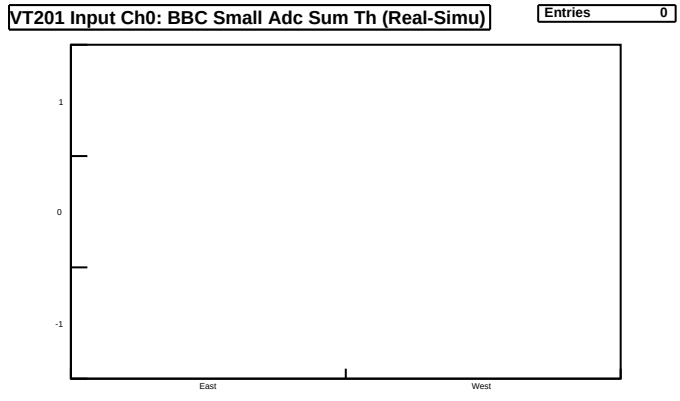

zdcAdcSum
Entries 4656084
34730
4240
19
13
7
5
83383
5298
53
42
34
28
353277
383767
387988
387994
388000
388002
304624
382709
387954
387965
387973
387979
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

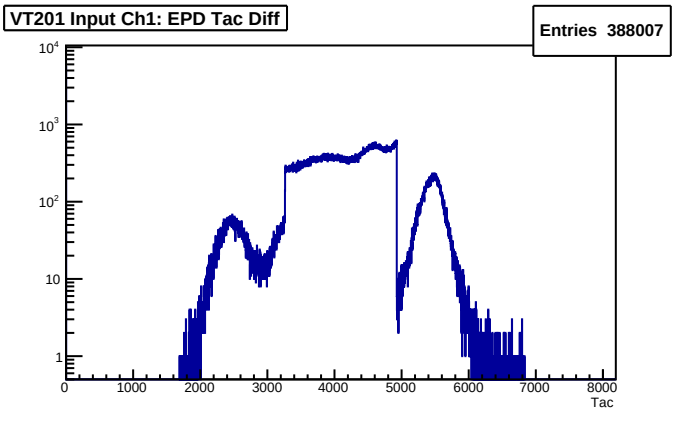

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

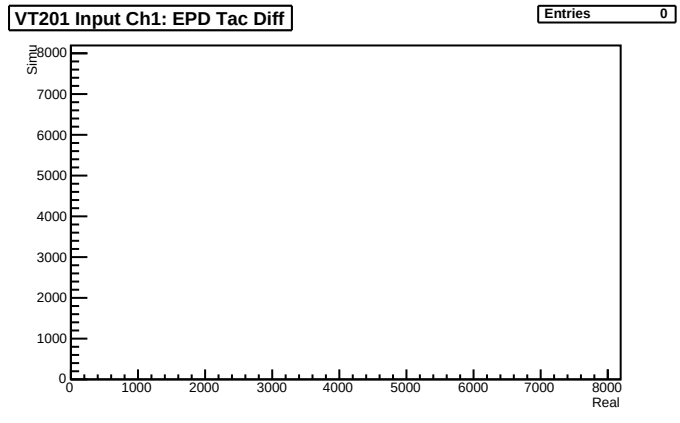

VT201 Input Ch0: BBC Small Tac Diff
Entries 388007
Tac

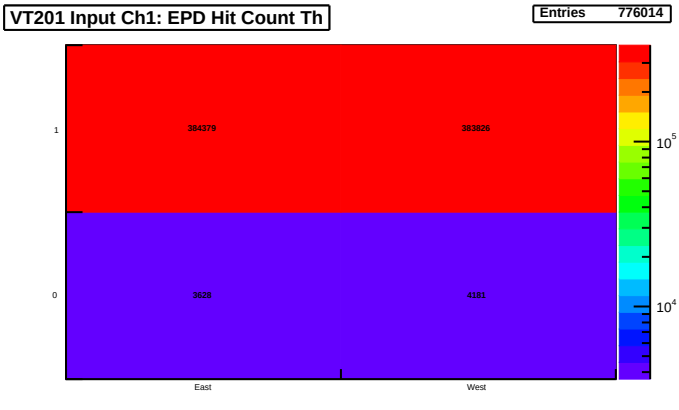

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

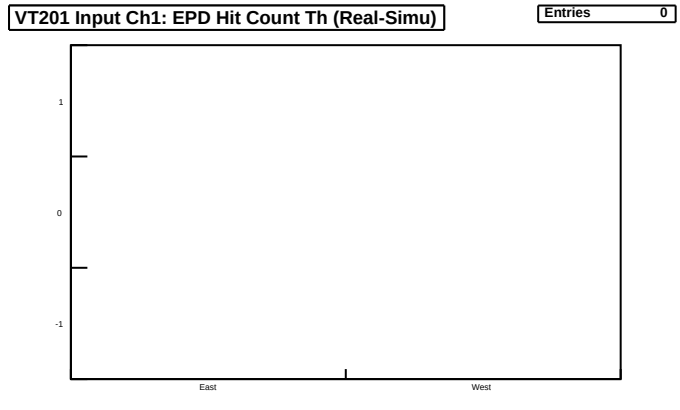

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 776014
252530
331548
135477
56459
East
West

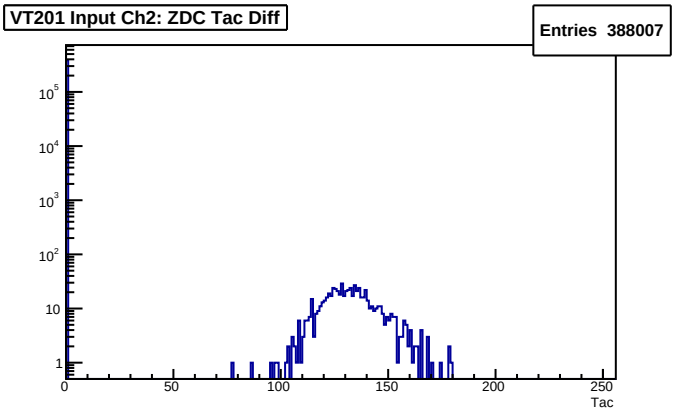

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

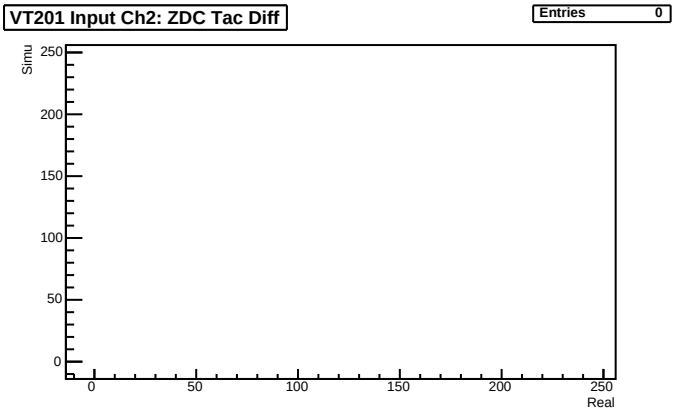

VT201 Input Ch1: EPD Tac Diff
Entries 388007
Tac

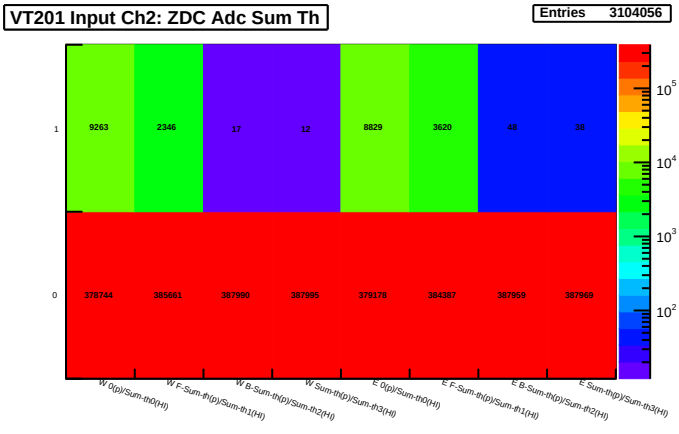

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

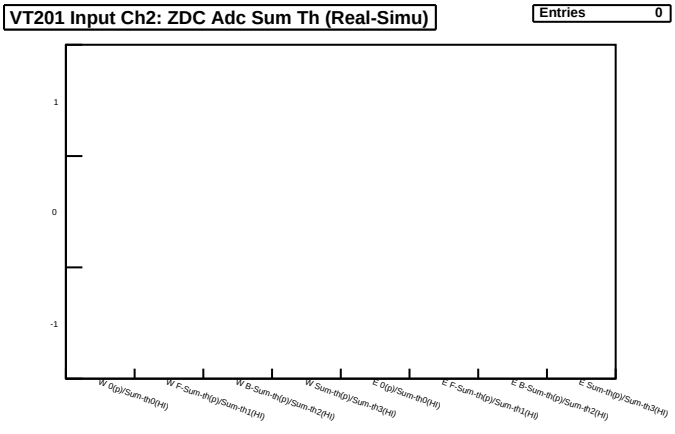

VT201 Input Ch1: EPD Hit Count Th
Entries 776014
384379
383826
3628
4181
East
West

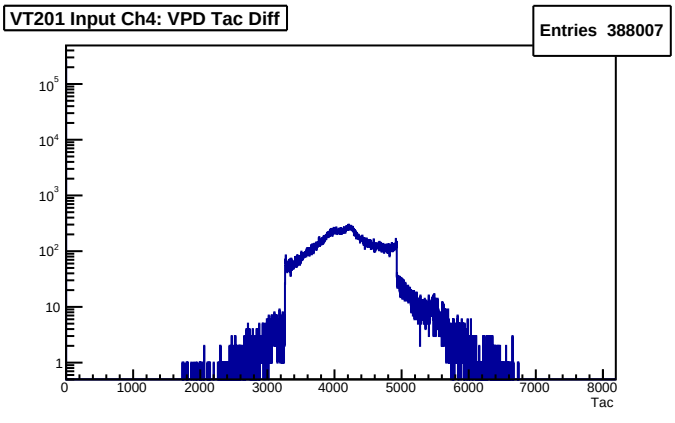

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

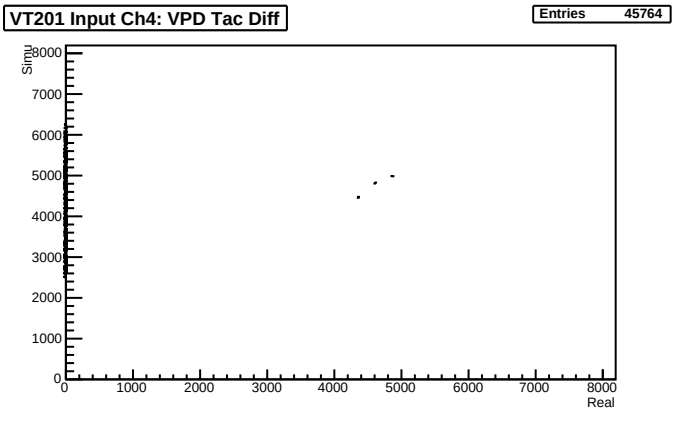

VT201 Input Ch2: ZDC Tac Diff
Entries 388007
Tac

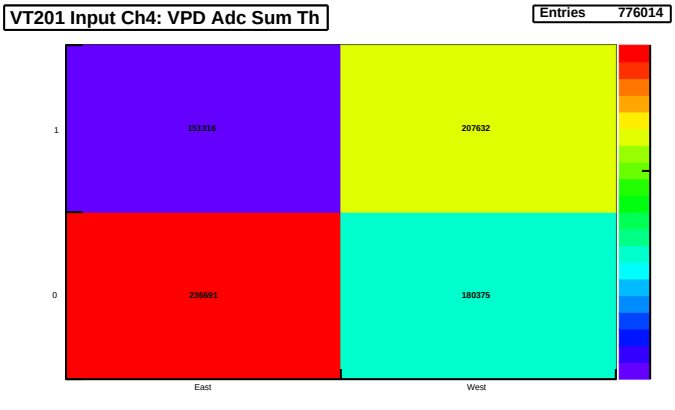

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

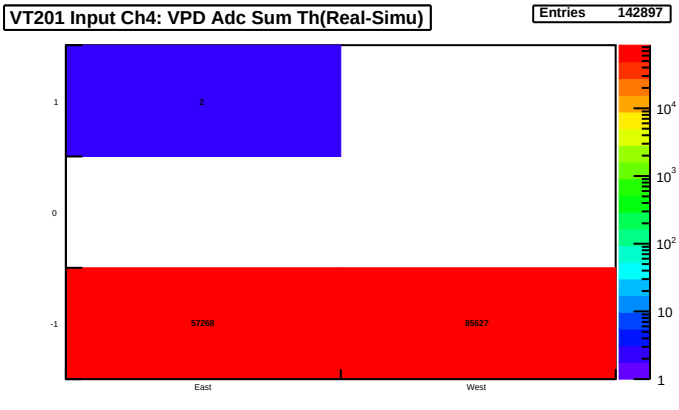

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3104056
9263
2346
17
12
8829
3620
48
38
378744
385661
387990
387995
379178
384387
387959
387969
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

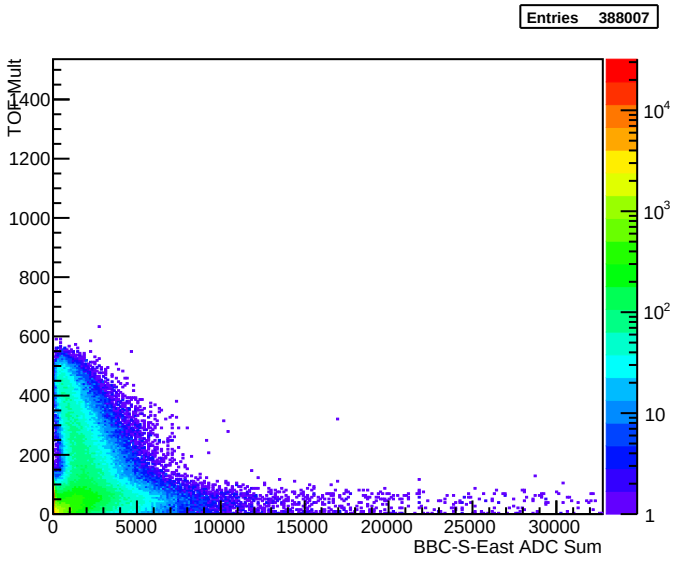

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

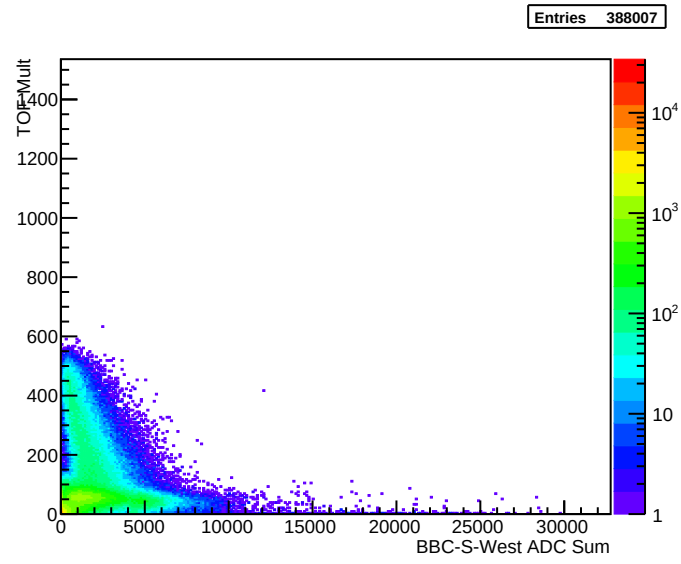

VT201 Input Ch4: VPD Tac Diff
Entries 388007
Tac

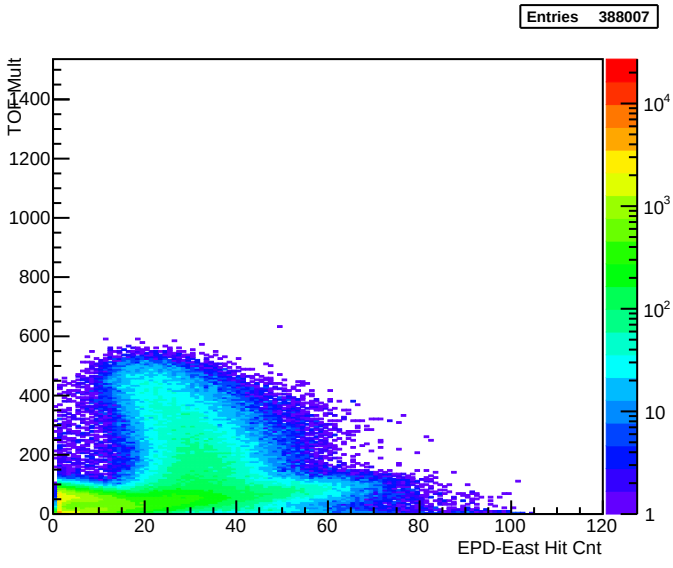

VT201 Input Ch4: VPD Tac Diff
Entries 45764
Simu
Real

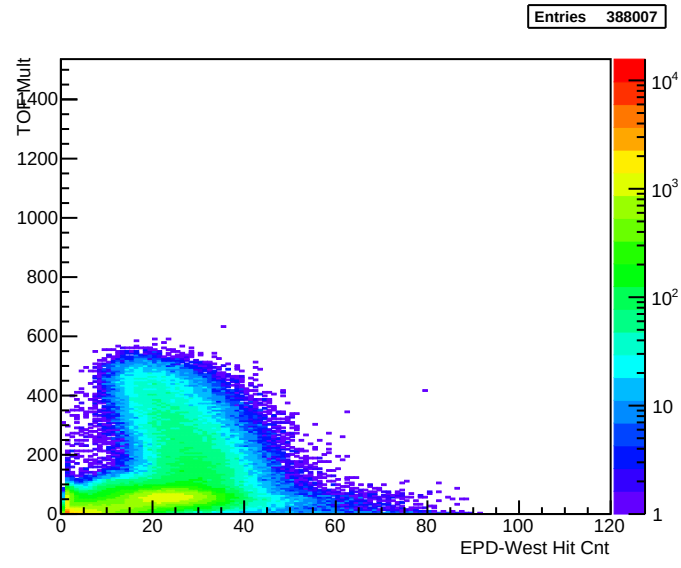

VT201 Input Ch4: VPD Adc Sum Th
Entries 776014
151316
207632
236691
180375
East
West

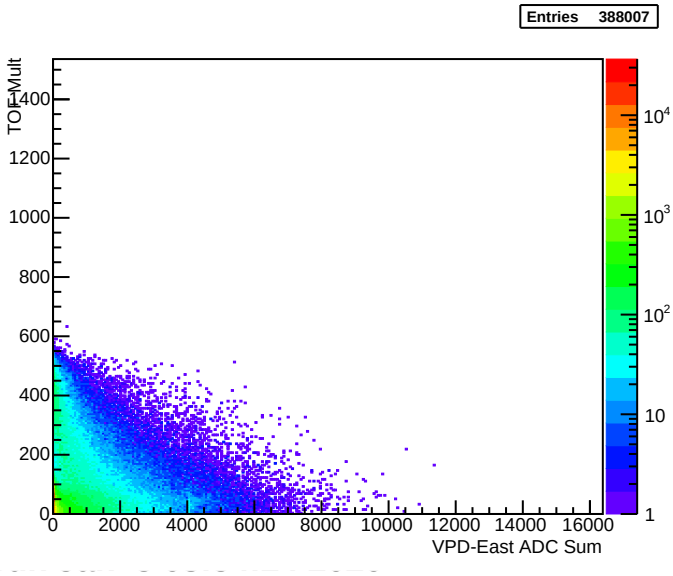

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 142897
2
57268
85627
East
West

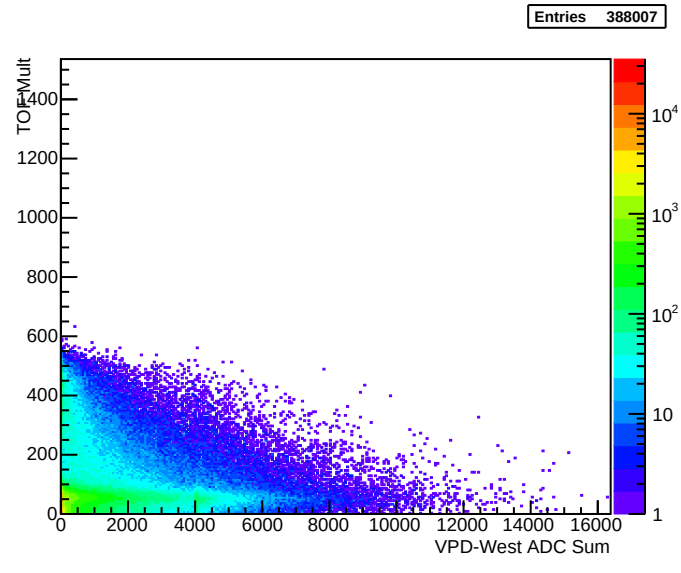

Entries 388007
TOF-Mult
BBC-S-East ADC Sum

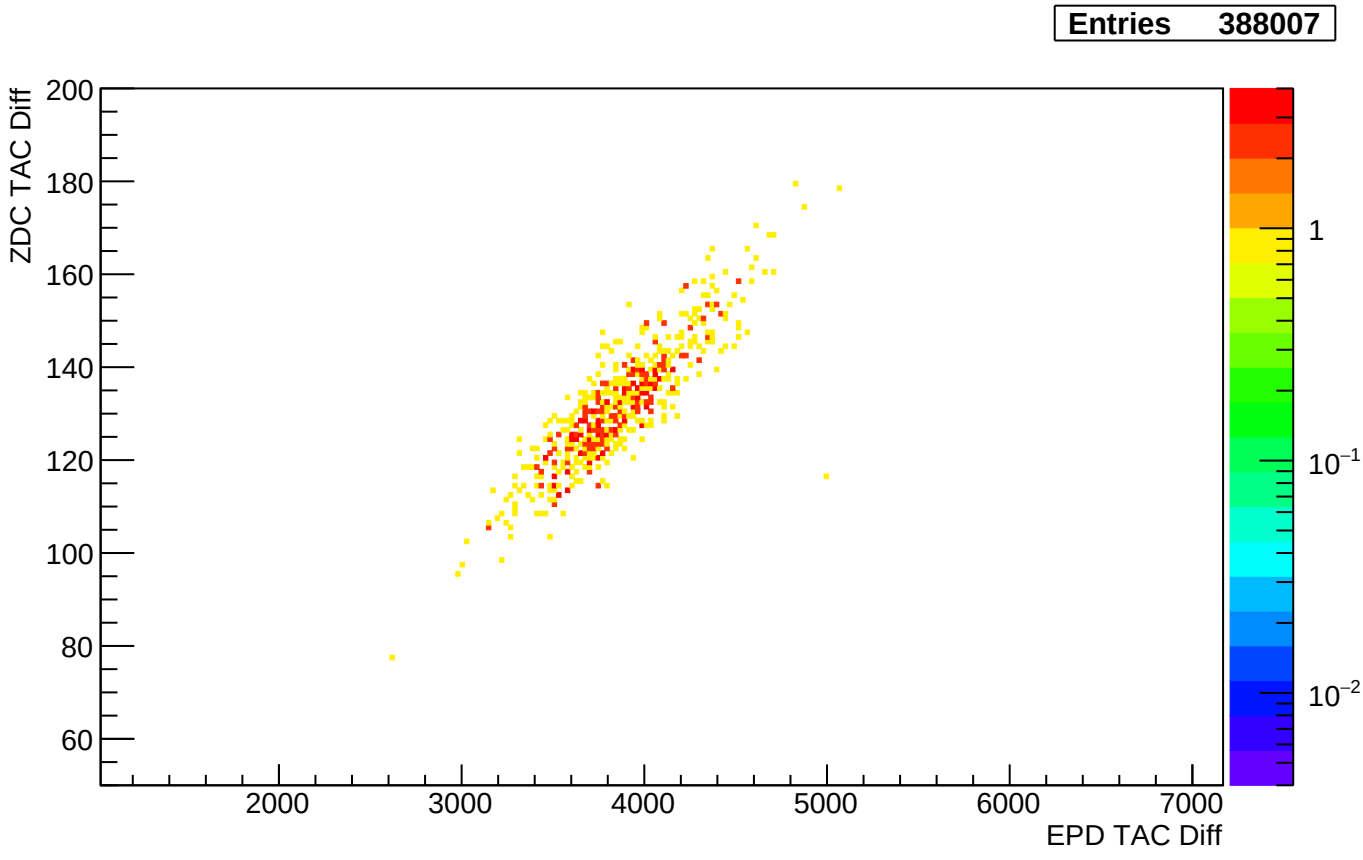

Entries 388007
TOF-Mult
BBC-S-West ADC Sum

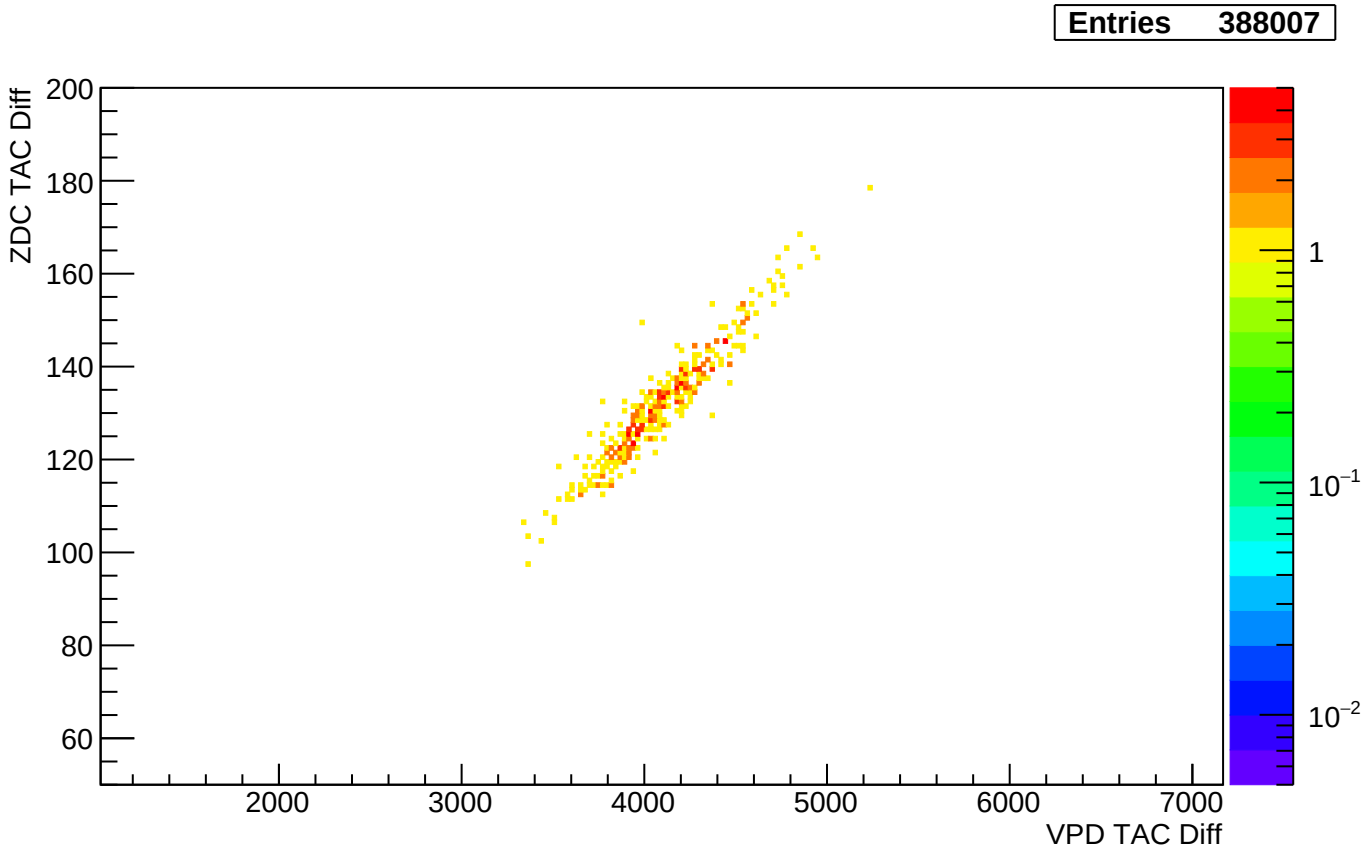

Entries 388007
TOF-Mult
EPD-East Hit Cnt

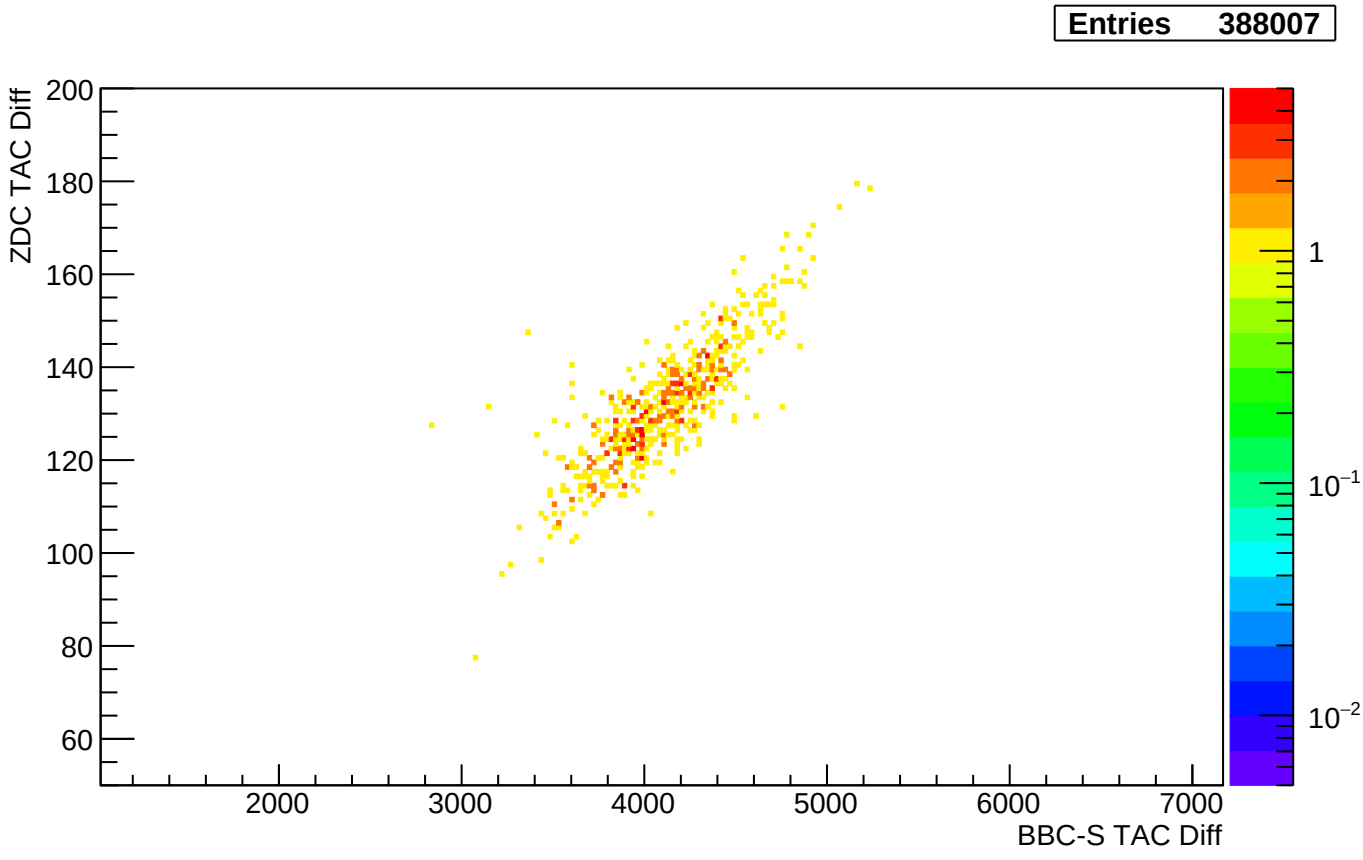

Entries 388007
TOF-Mult
EPD-West Hit Cnt

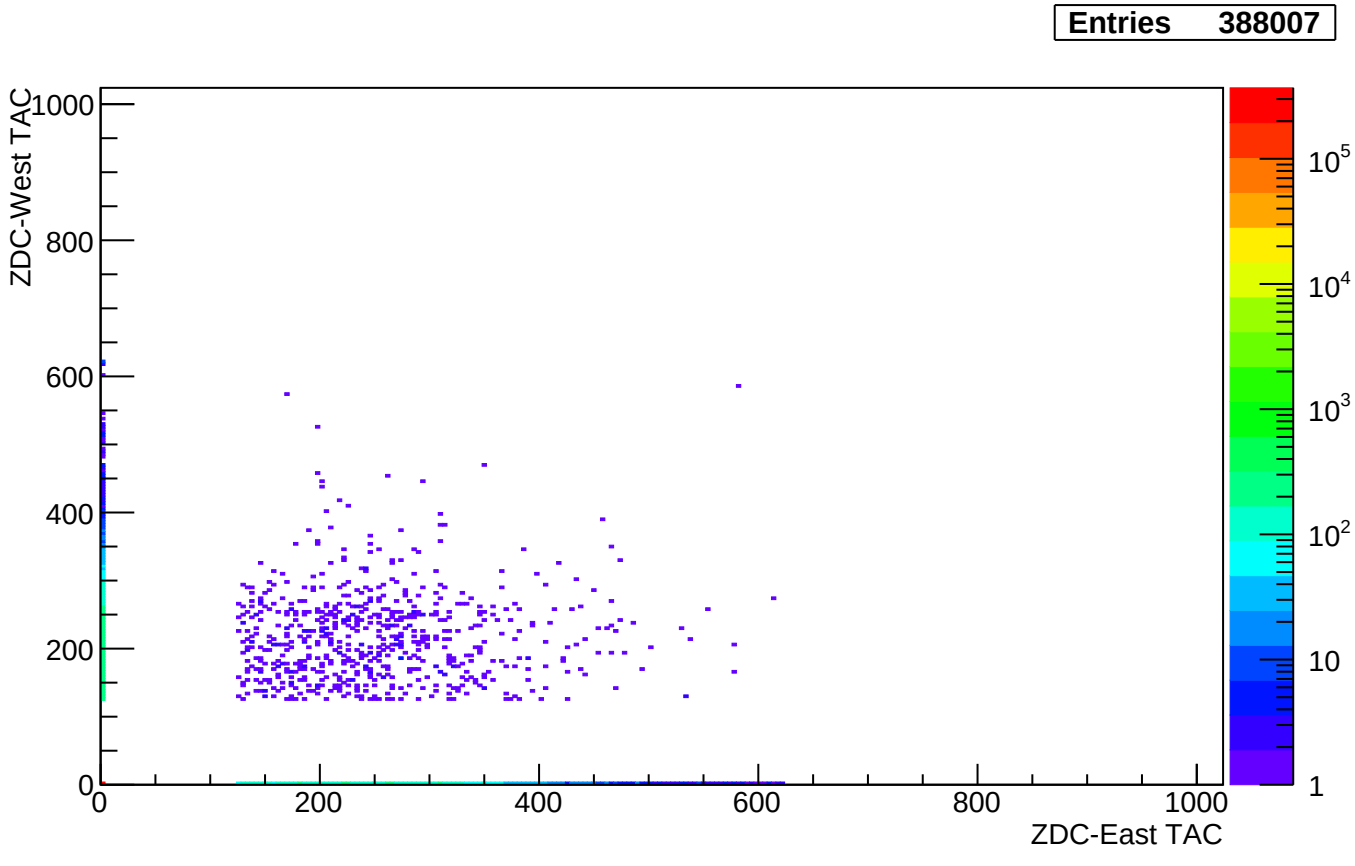

Entries 388007
TOF-Mult
VPD-East ADC Sum

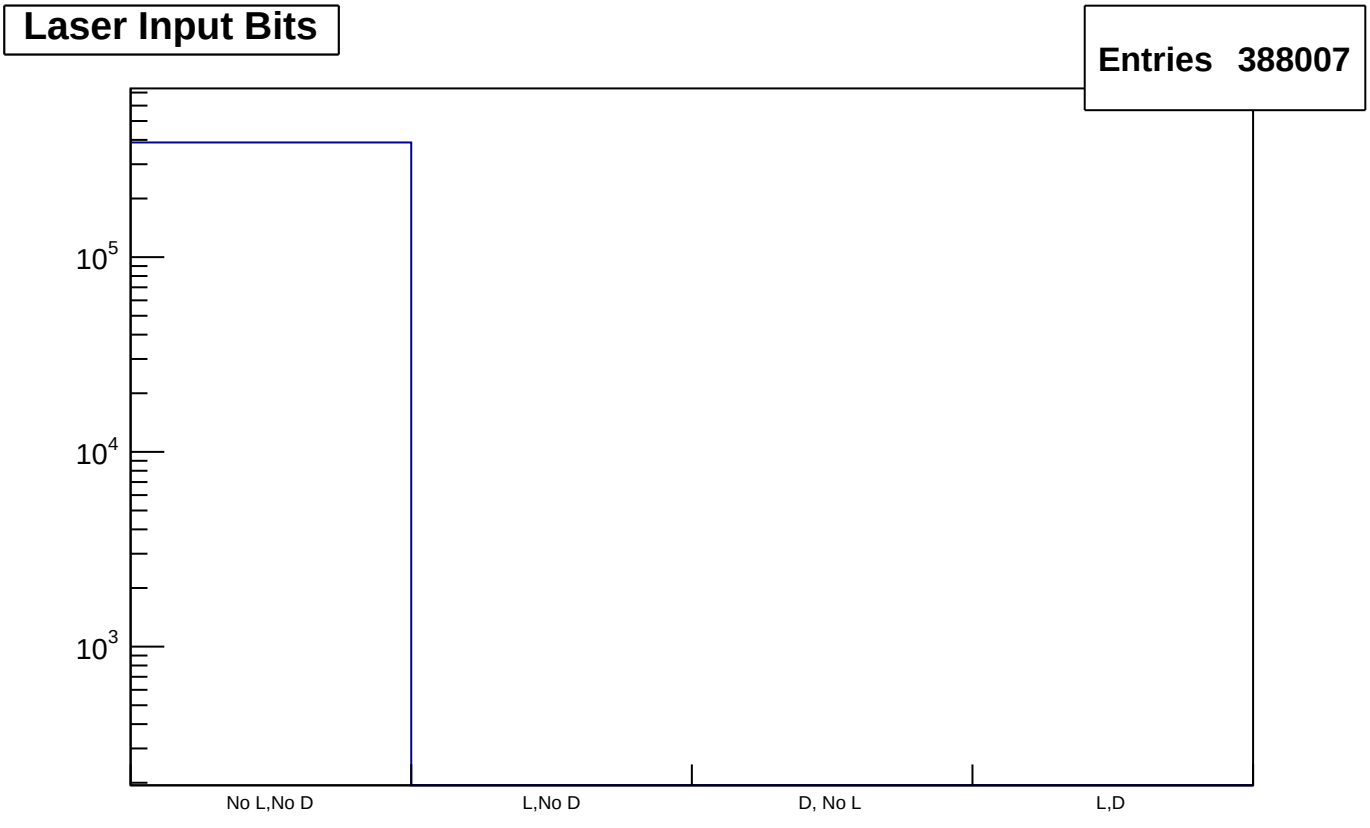

Entries 388007
TOF-Mult
VPD-West ADC Sum

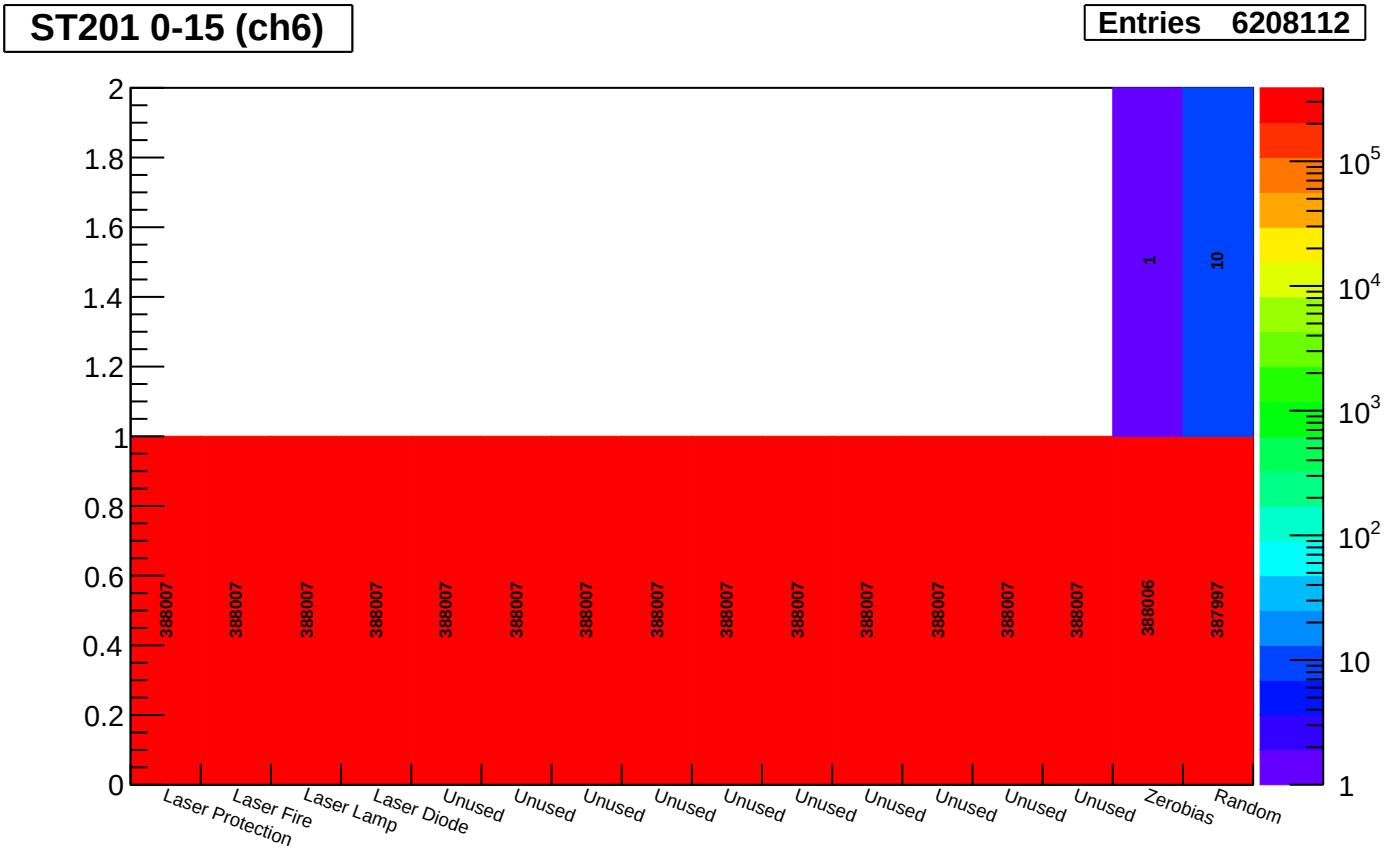

Entries 388007
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

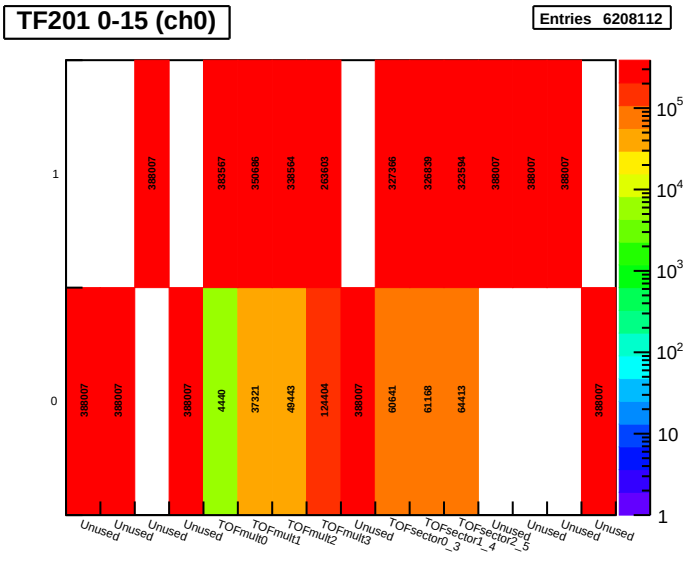

Entries 388007
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

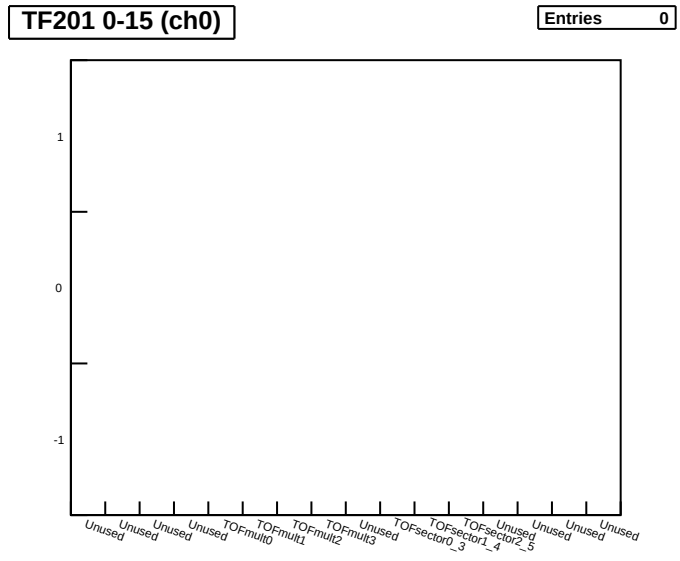

Entries 388007
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

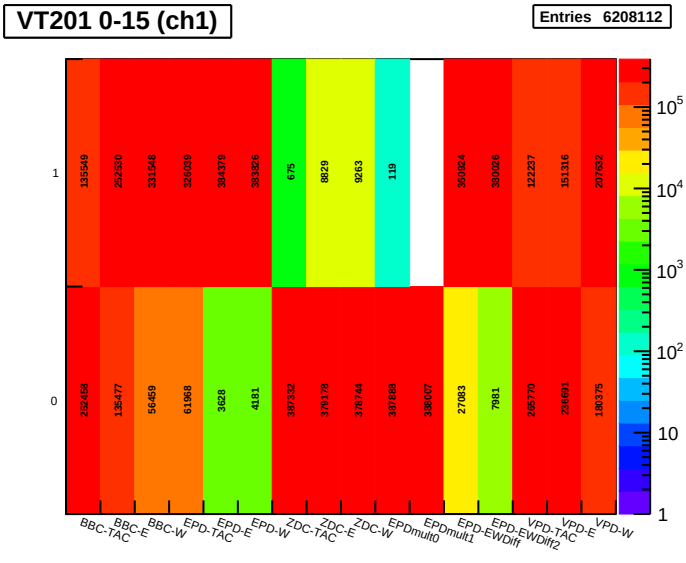

Entries 388007
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

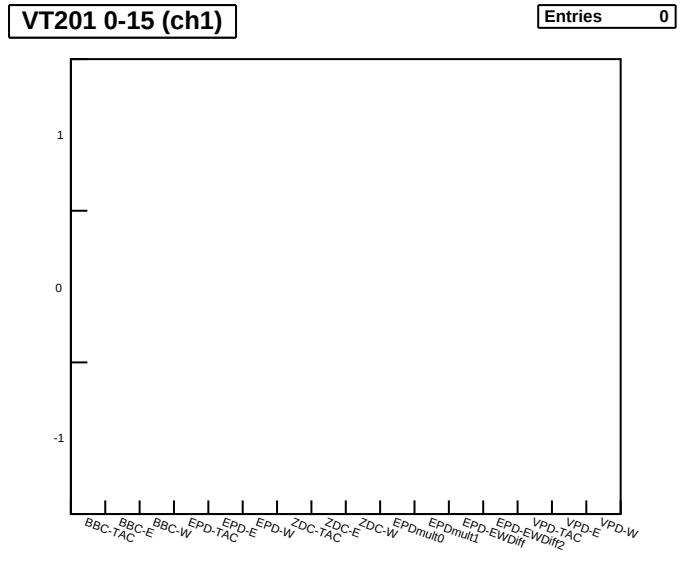

Laser Input Bits
Entries 388007
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

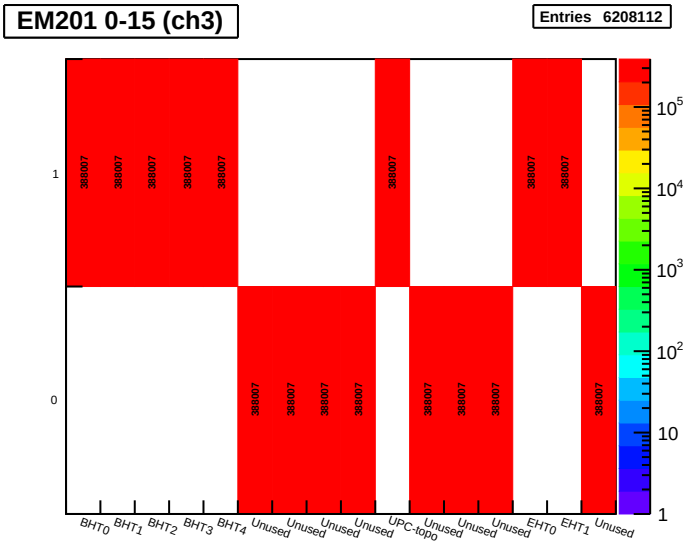

ST201 0-15 (ch6)
Entries 6208112
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388006
387997
1
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

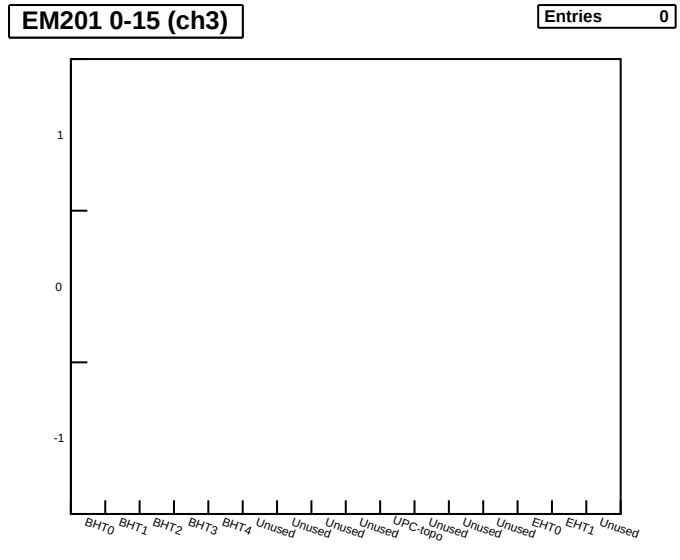

TF201 0-15 (ch0)
Entries 6208112
1
0
388007
363567
350686
338564
263603
327366
326839
323594
388007
388007
388007
388007
388007
388007
388007
4440
37321
49443
124404
388007
60641
61168
64413
388007
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 6208112
1
0
135549
252530
331548
326039
364379
383826
675
8829
9263
119
360924
380026
122237
151316
207632
232458
135477
56459
61968
3628
4181
387332
379178
378744
387888
388007
27083
7981
266770
236691
180375
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 6208112
1
0
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
388007
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1