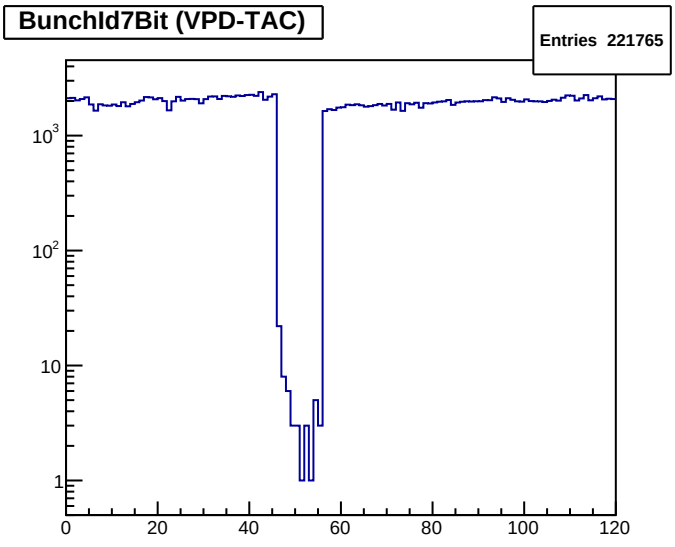
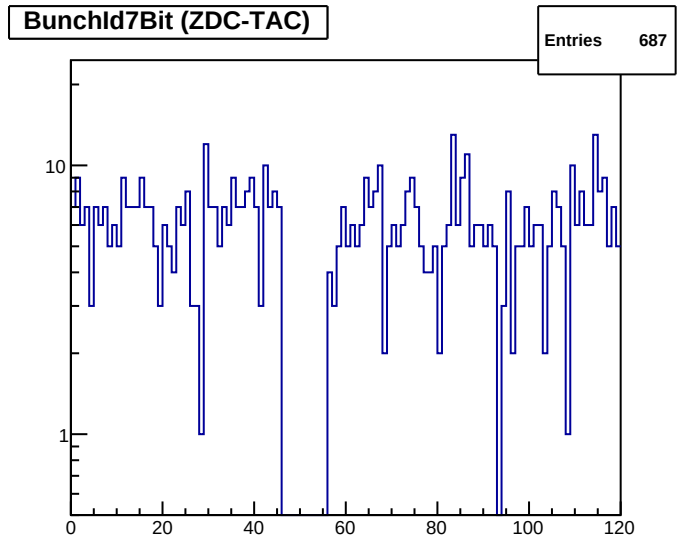
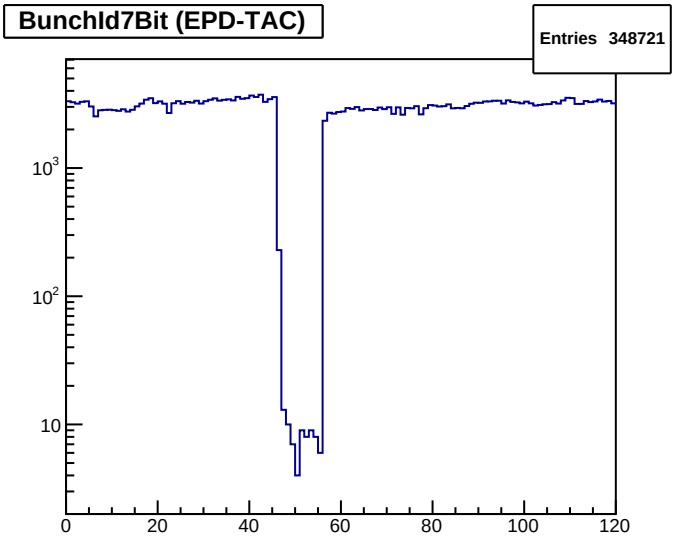
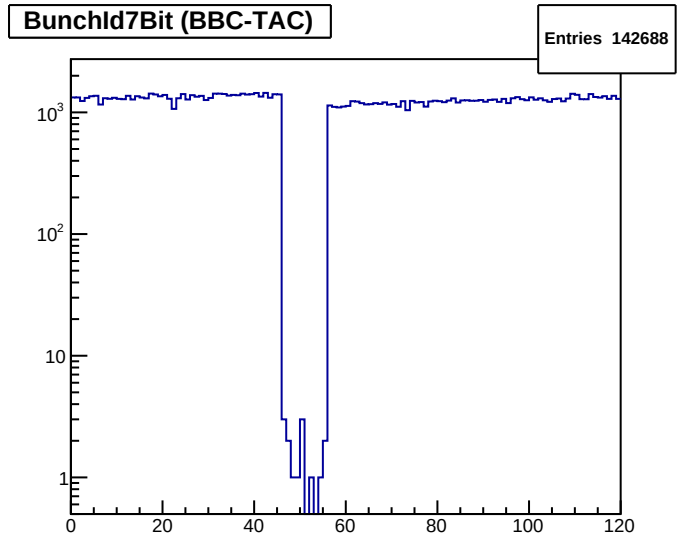
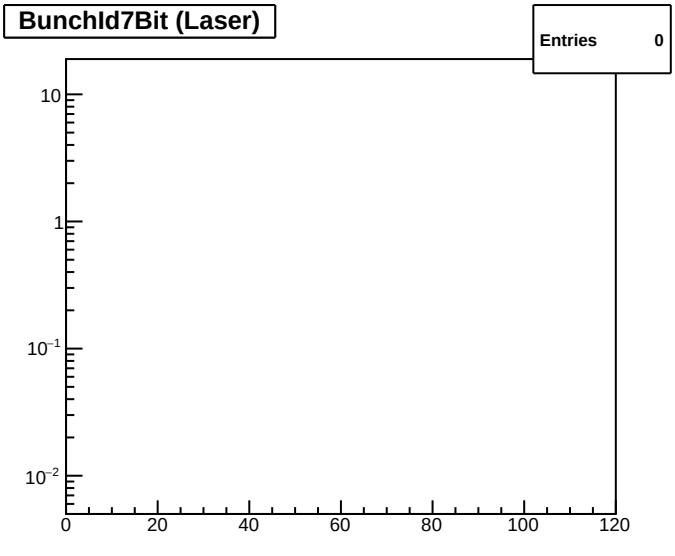
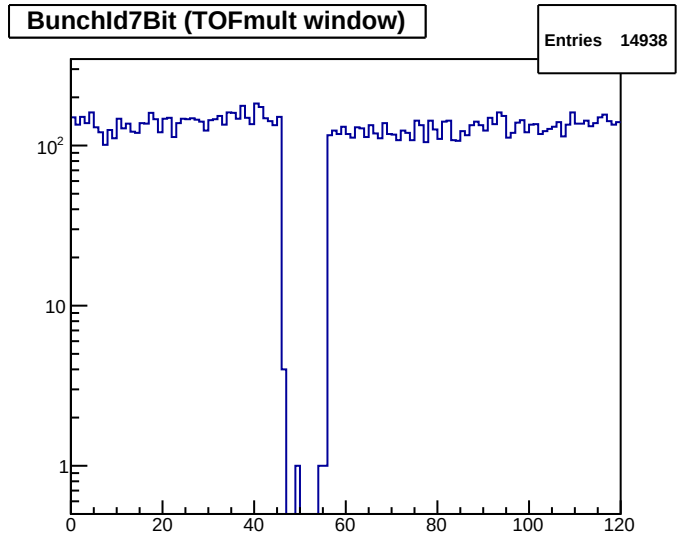

BunchId7Bit (VPD-TAC)
Entries 221765

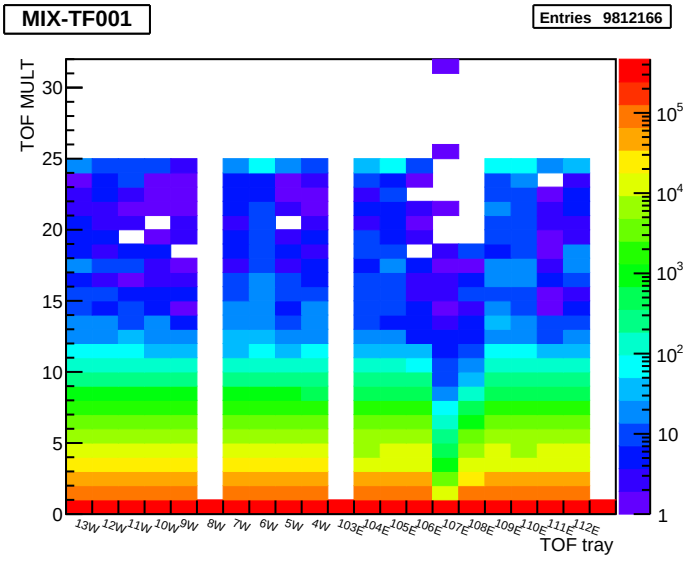

BunchId7Bit (ZDC-TAC)
Entries 687

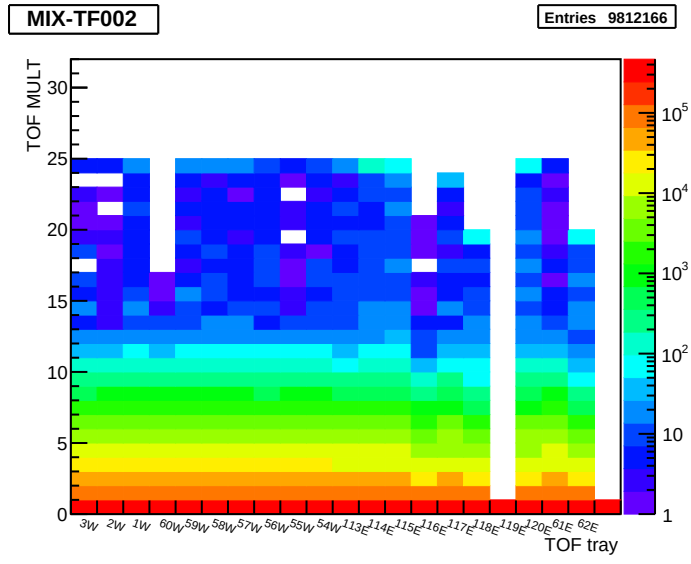

BunchId7Bit (EPD-TAC)
Entries 348721

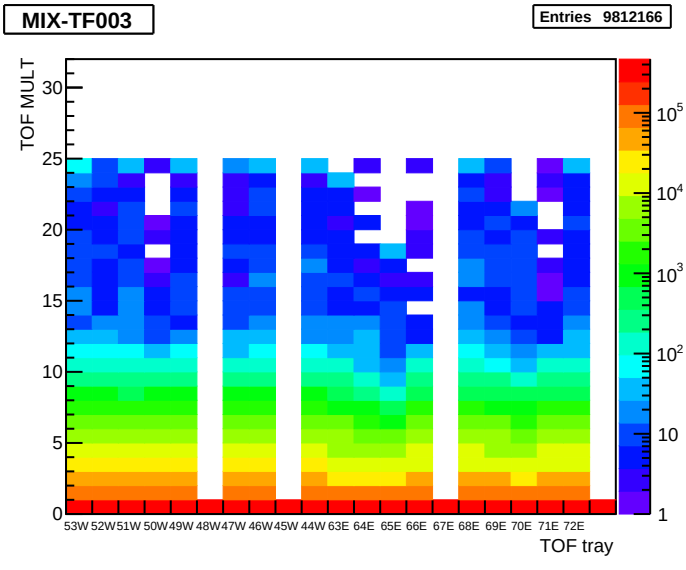

BunchId7Bit (BBC-TAC)
Entries 142688

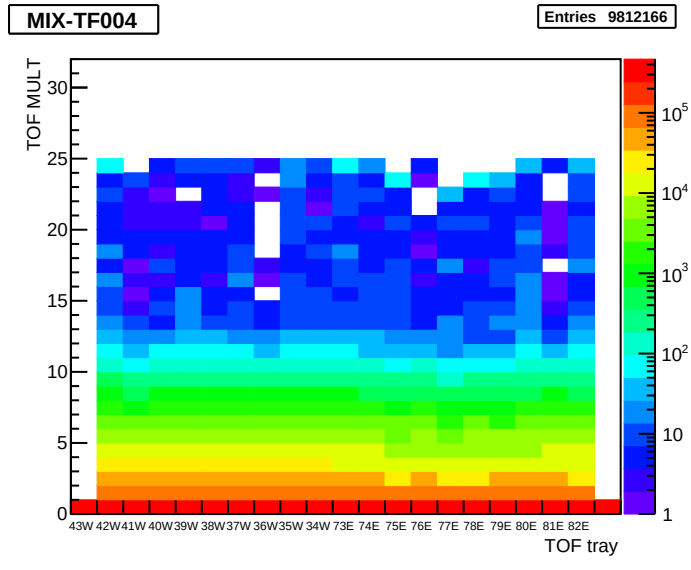

BunchId7Bit (Laser)
Entries 0

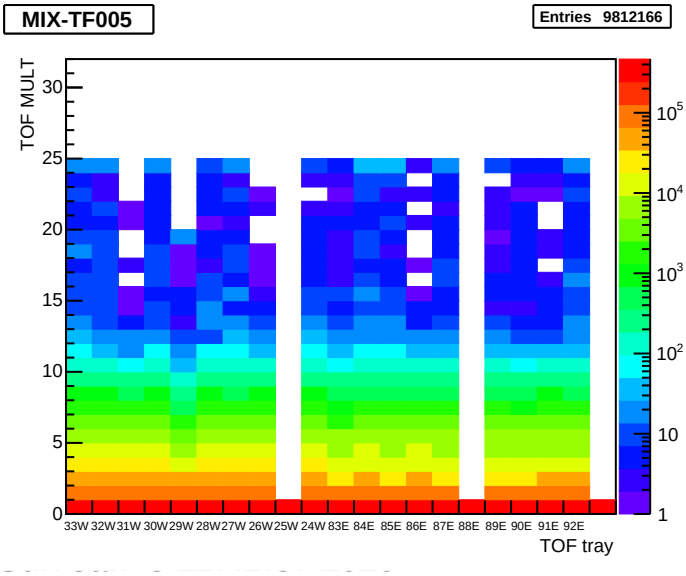

BunchId7Bit (TOFmult window)
Entries 14938

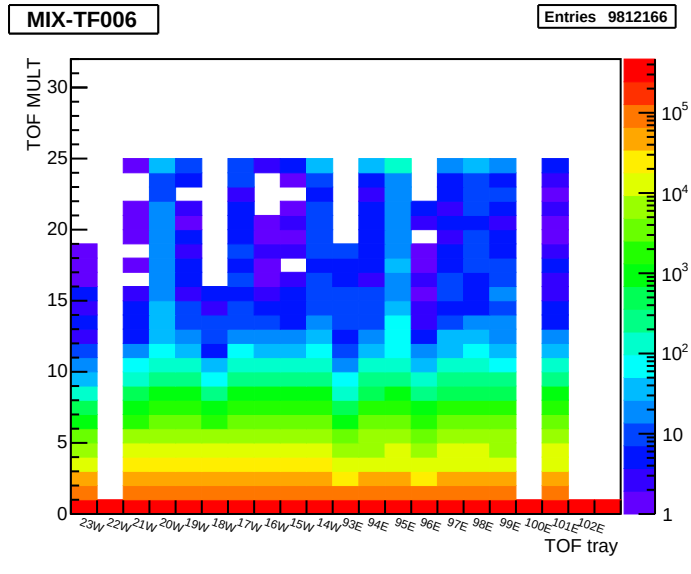

MIX-TF001
Entries 9812166
TOF MULT
TOF tray

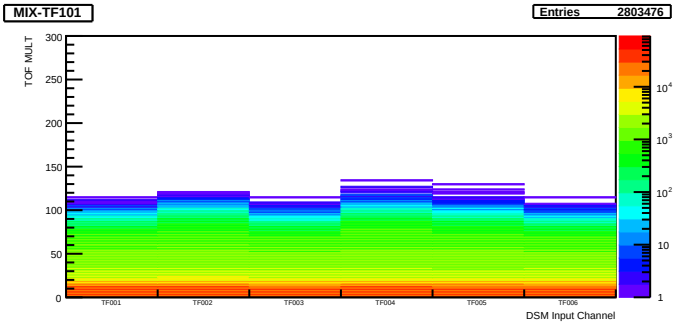

MIX-TF002
Entries 9812166
TOF MULT
TOF tray

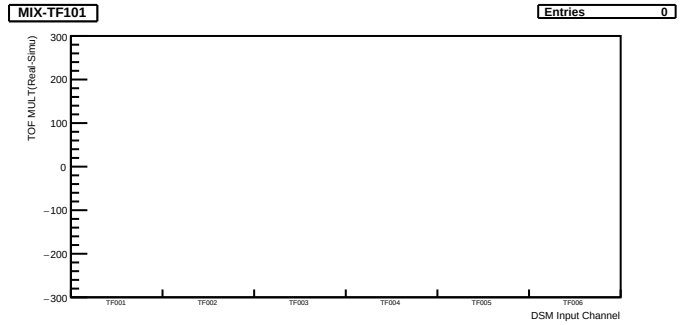

MIX-TF003
Entries 9812166
TOF MULT
TOF tray

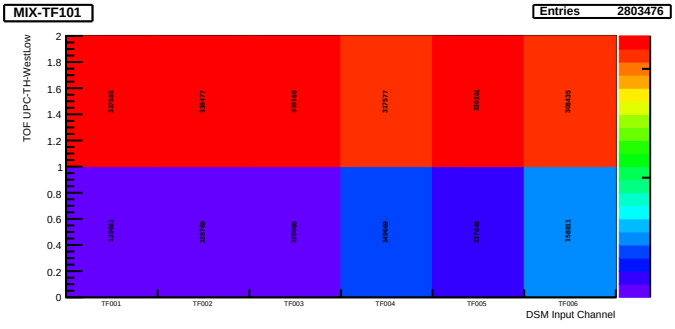

MIX-TF004
Entries 9812166
TOF MULT
TOF tray

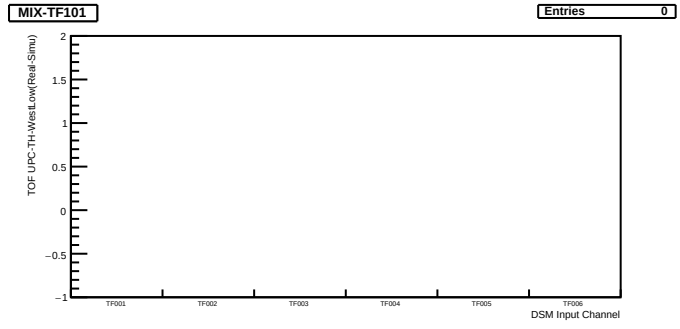

MIX-TF005
Entries 9812166
TOF MULT
TOF tray

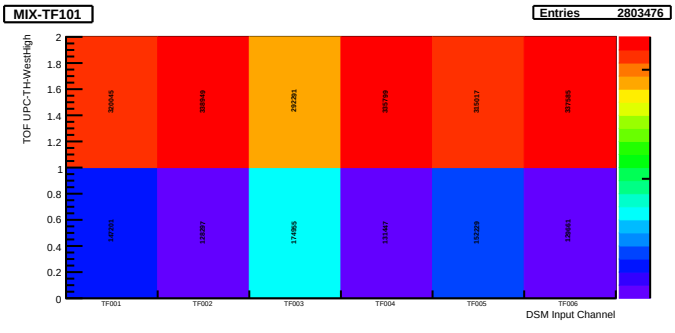

MIX-TF006
Entries 9812166
TOF MULT
TOF tray

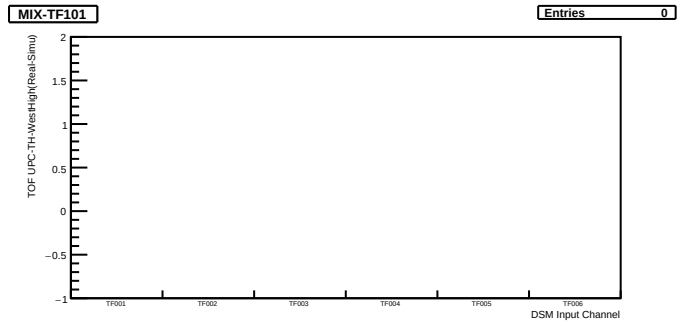

MIX-TF101
Entries 2803476
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

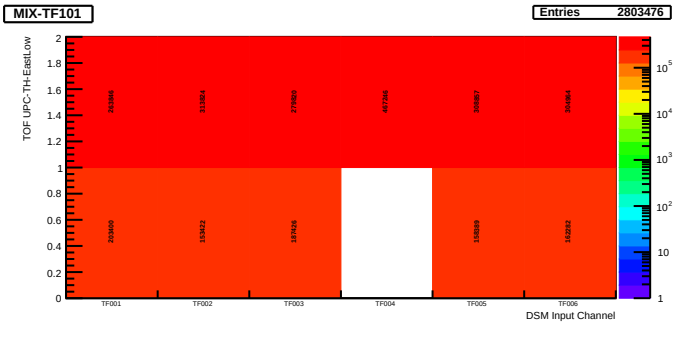

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

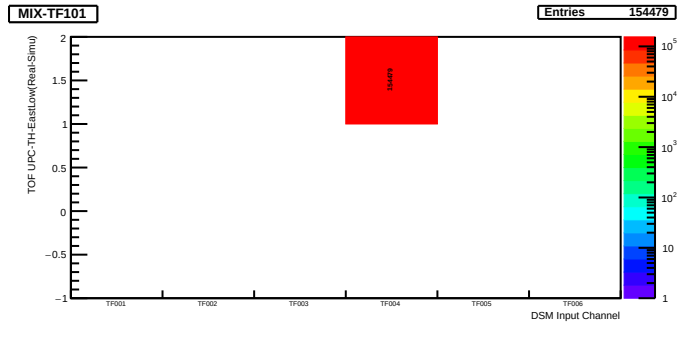

MIX-TF101
Entries 2803476
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

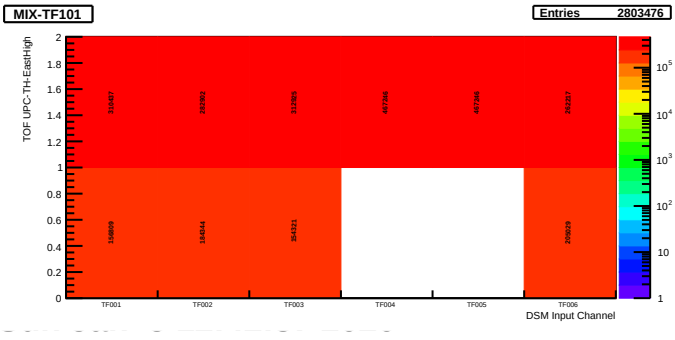

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

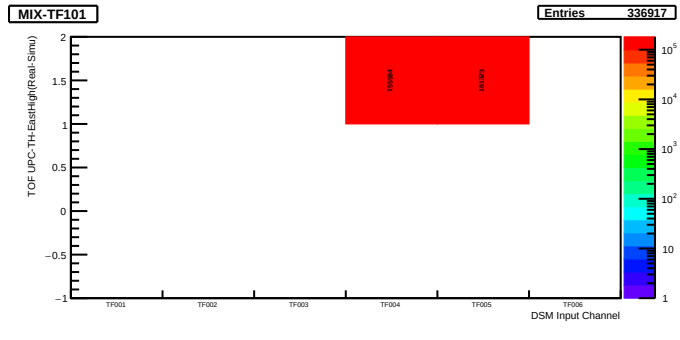

MIX-TF101
Entries 2803476
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

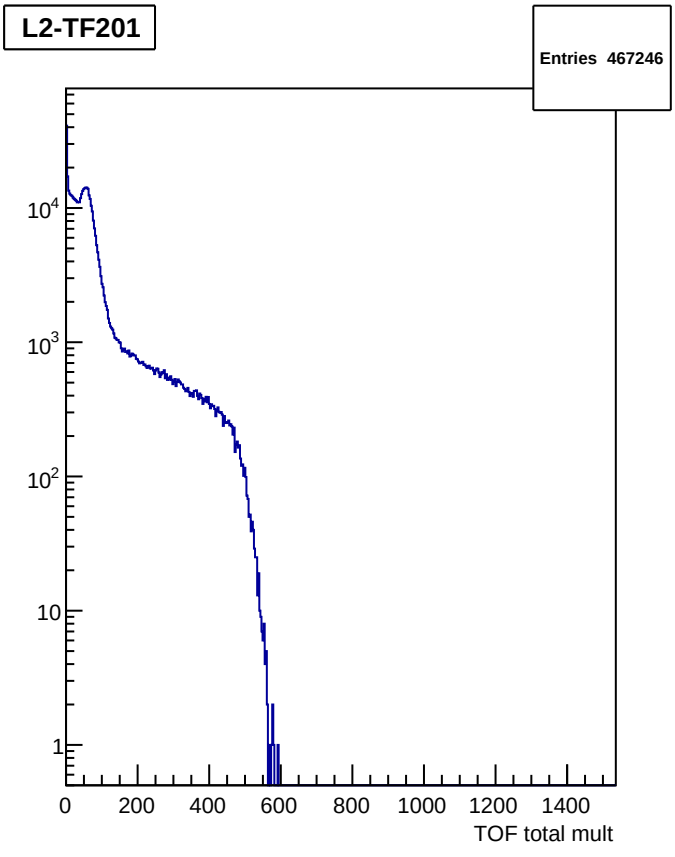

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

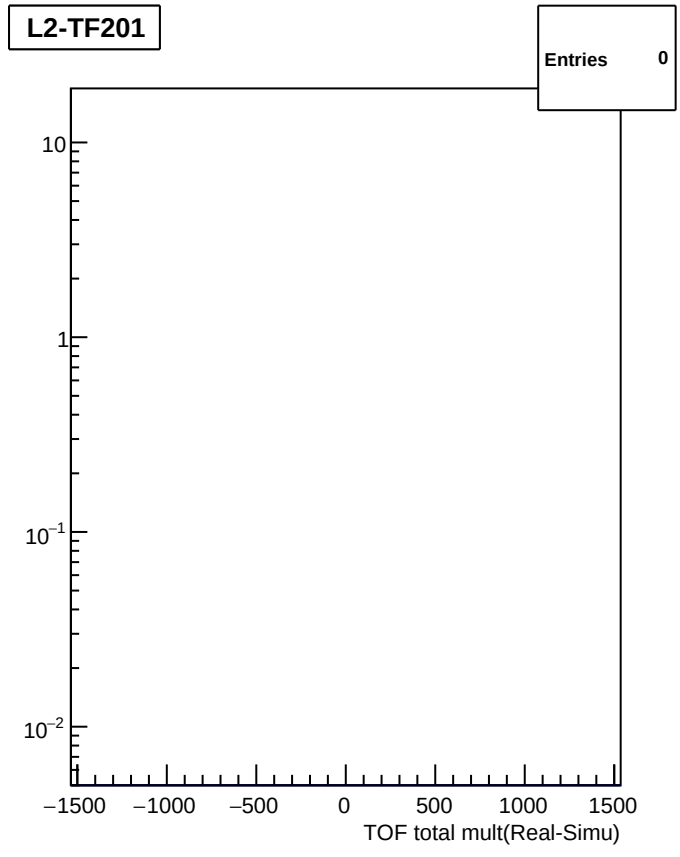

MIX-TF101
Entries 2803476
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

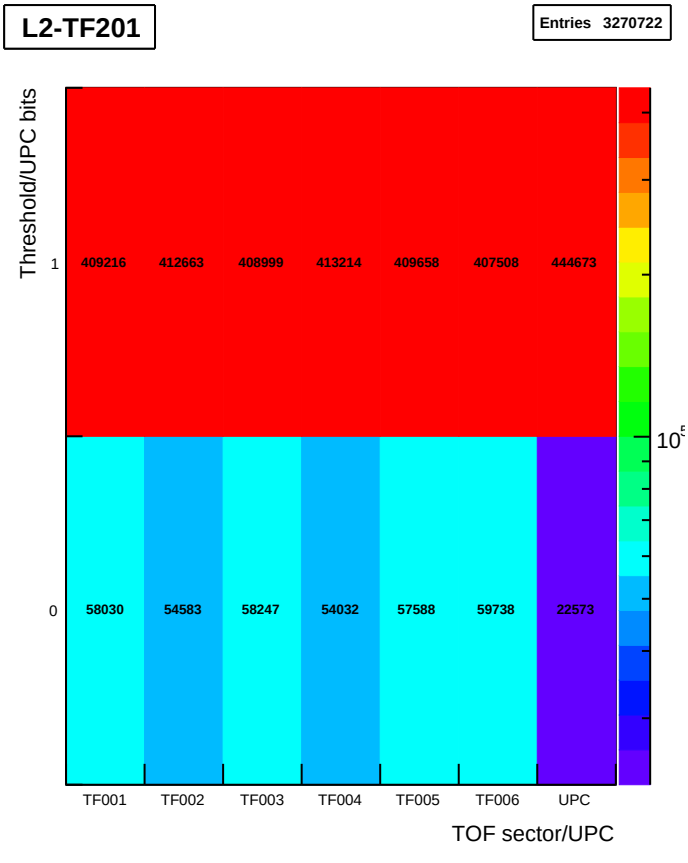

MIX-TF101
Entries 154479
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

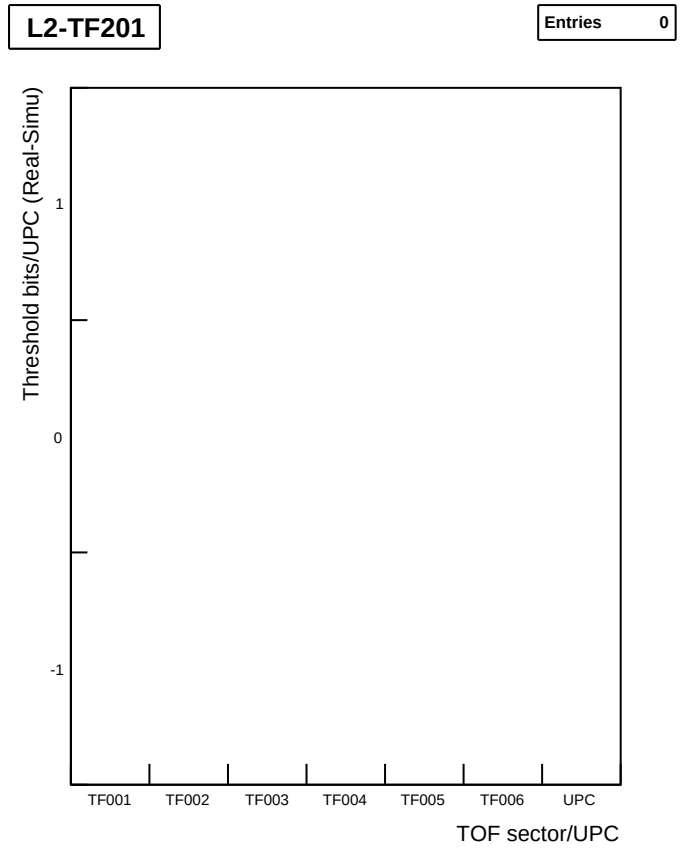

MIX-TF101
Entries 2803476
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

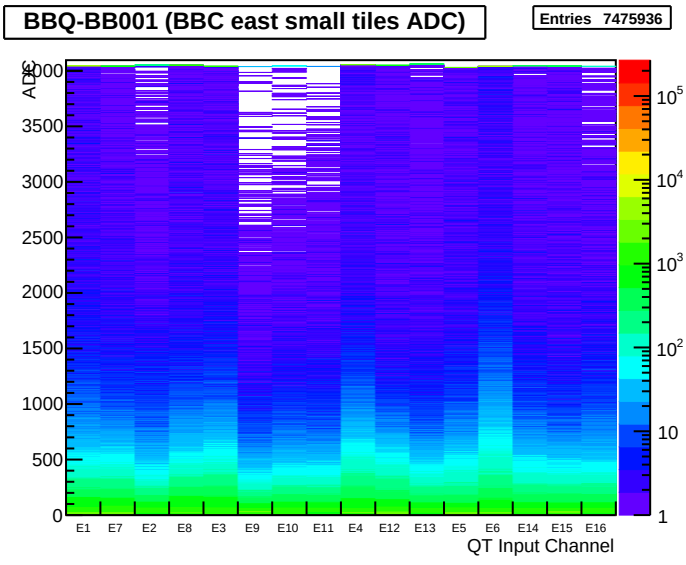

MIX-TF101
Entries 336917
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

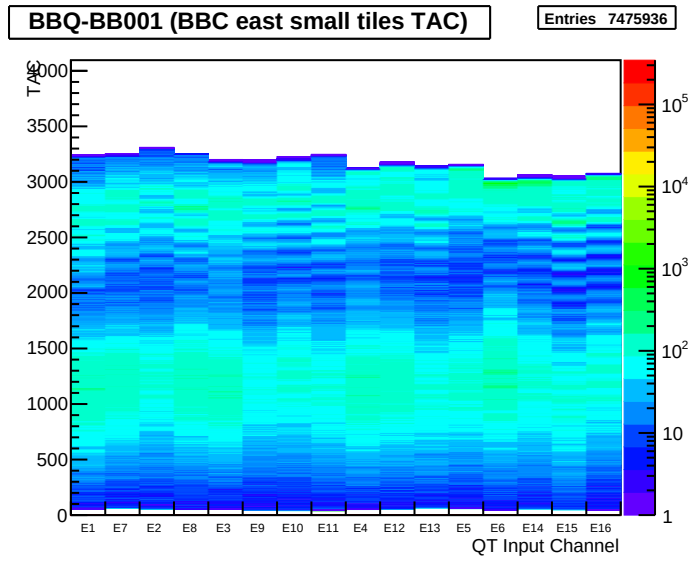

L2-TF201
Entries 467246
TOF total mult

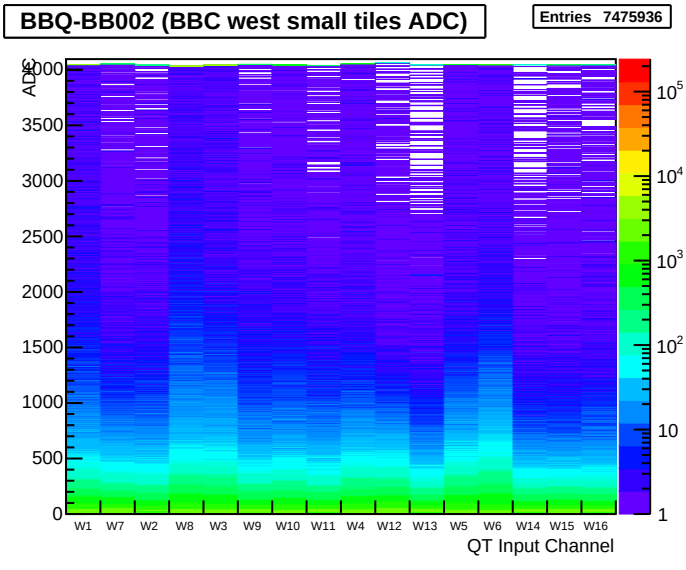

L2-TF201
Entries 0
TOF total mult(Real-Simu)

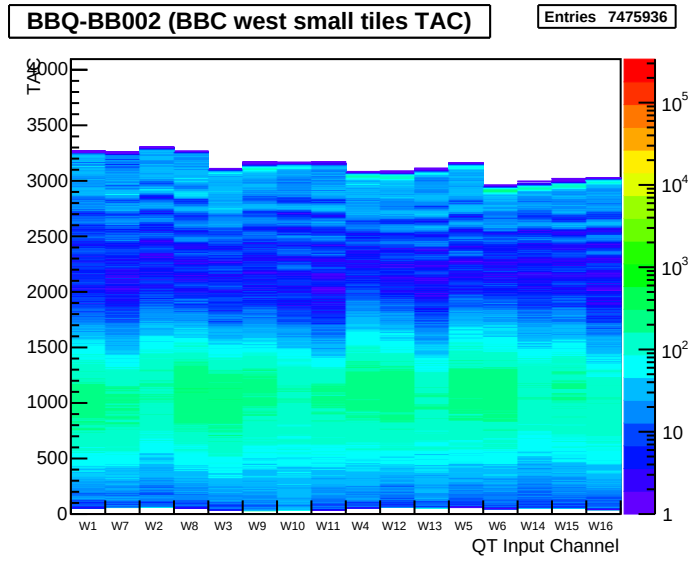

L2-TF201
Entries 3270722
Threshold/UPC bits
409216
412663
408999
413214
409658
407508
444673
58030
54583
58247
54032
57588
59738
22573
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

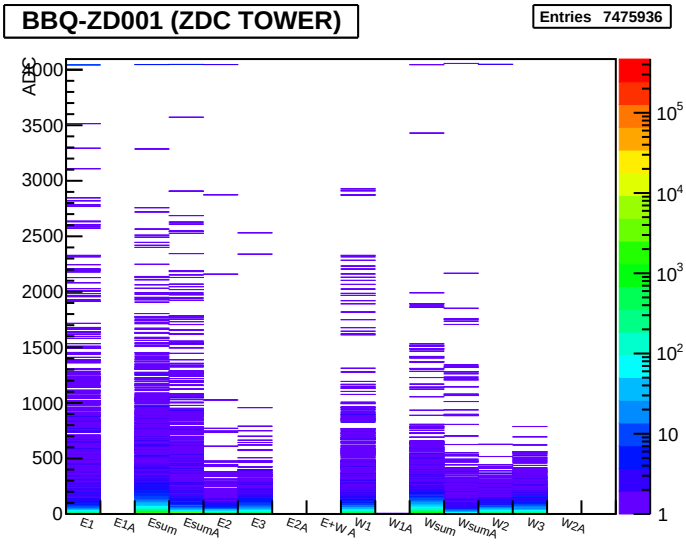

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

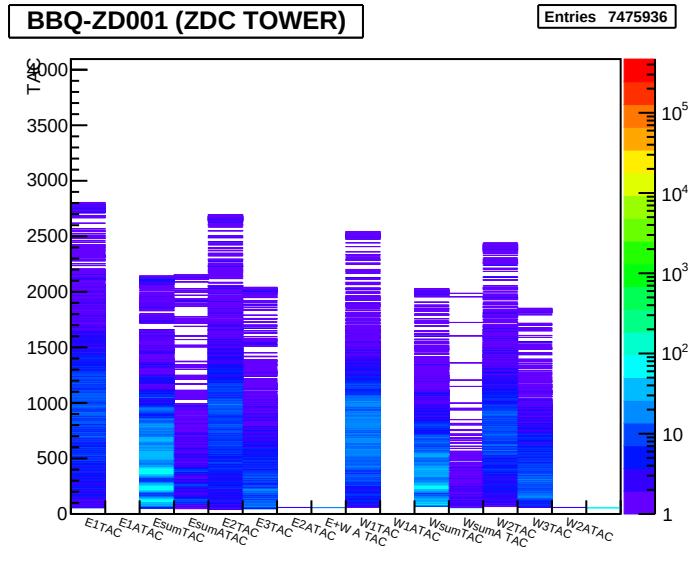

BBQ-BB001 (BBC east small tiles ADC)
Entries 7475936
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

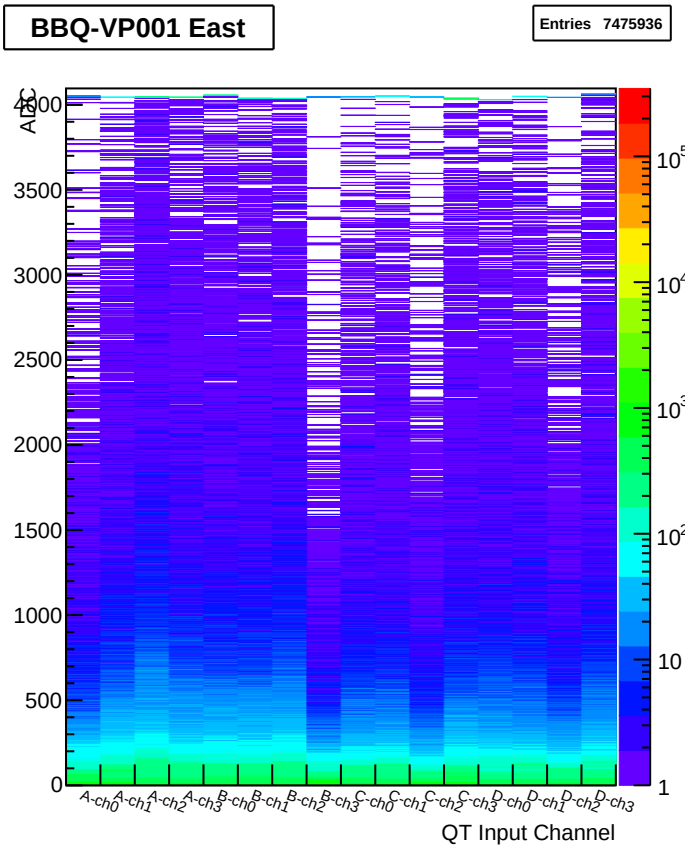

BBQ-BB001 (BBC east small tiles TAC)
Entries 7475936
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

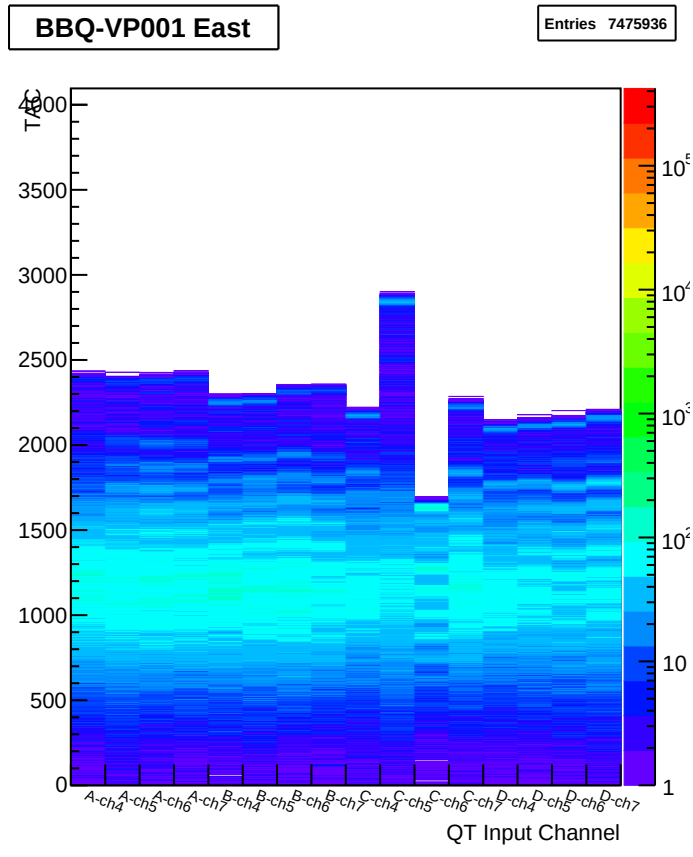

BBQ-BB002 (BBC west small tiles ADC)
Entries 7475936
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

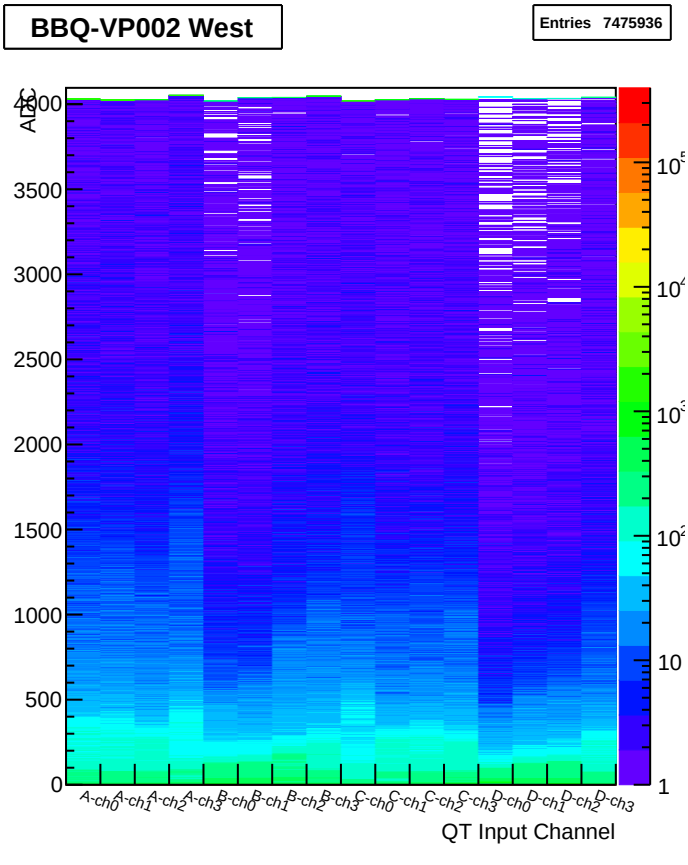

BBQ-BB002 (BBC west small tiles TAC)
Entries 7475936
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

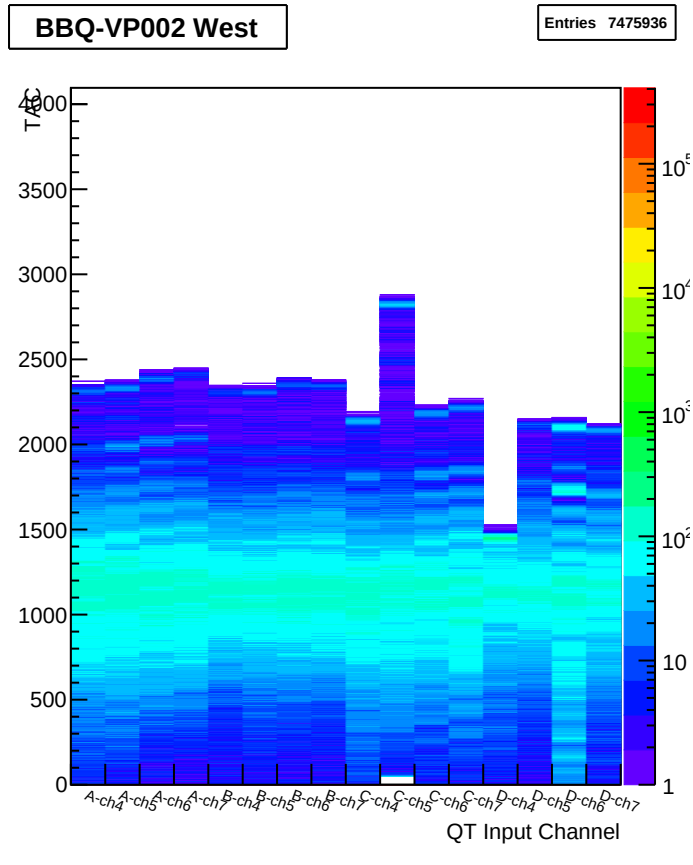

BBQ-ZD001 (ZDC TOWER)
Entries 7475936
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

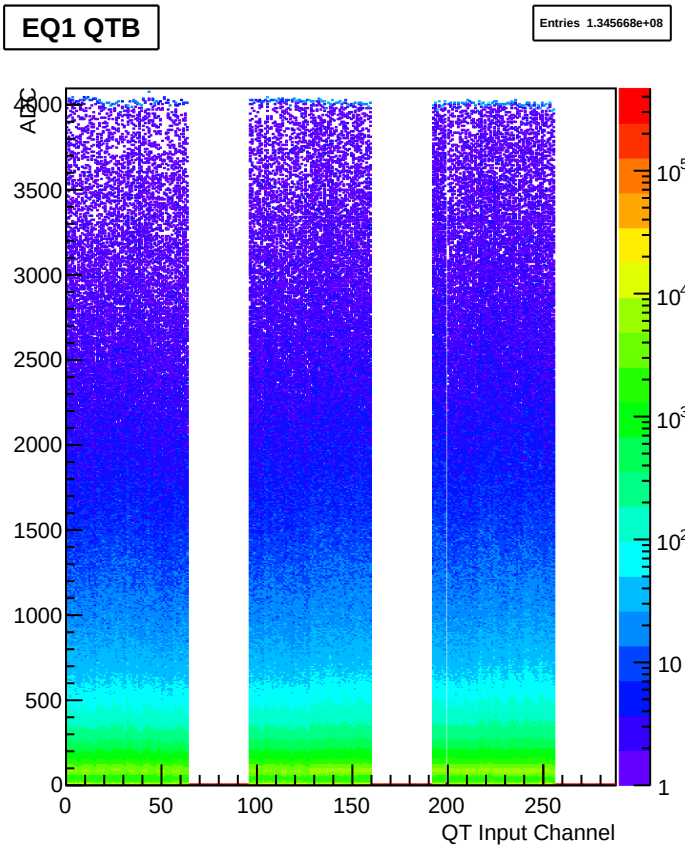

BBQ-ZD001 (ZDC TOWER)
Entries 7475936
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

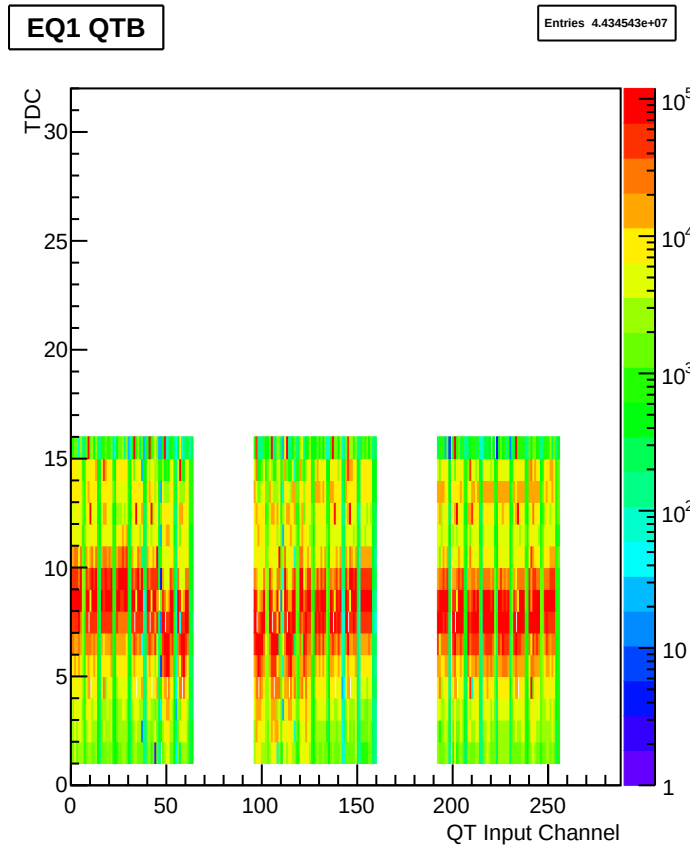

BBQ-VP001 East
Entries 7475936
ADC
QT Input Channel

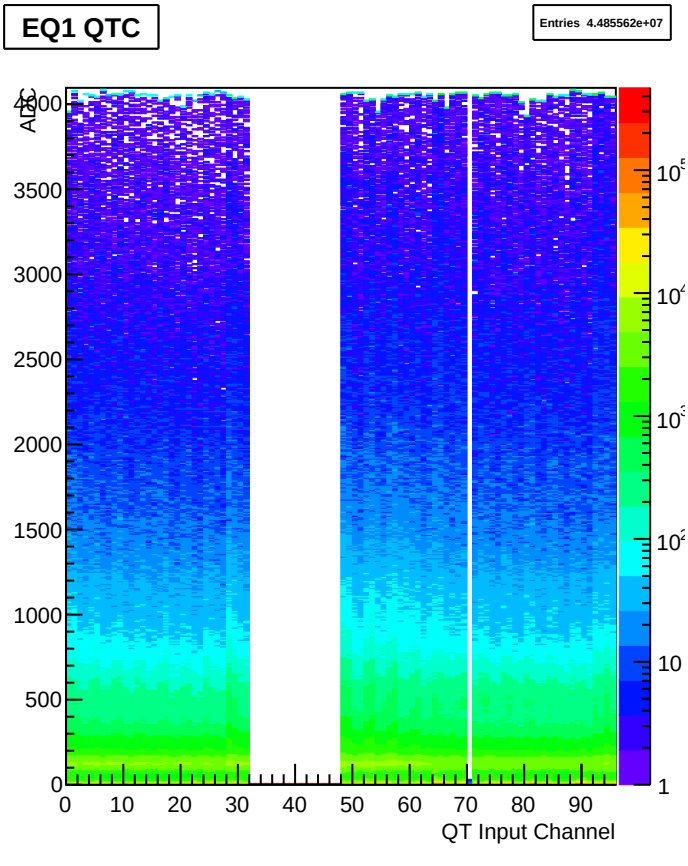

BBQ-VP001 East
Entries 7475936
ADC
QT Input Channel

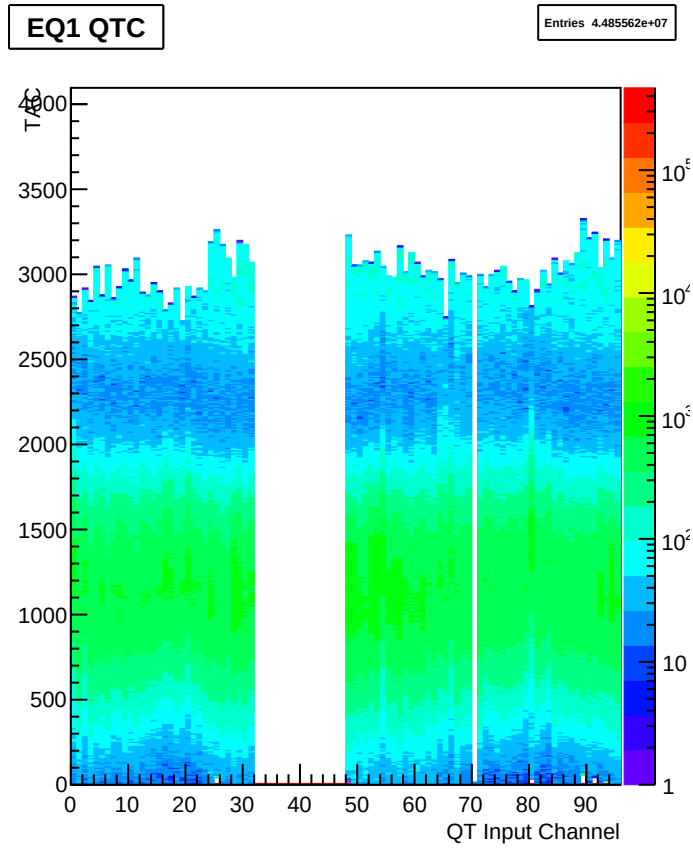

BBQ-VP002 West
Entries 7475936
ADC
QT Input Channel

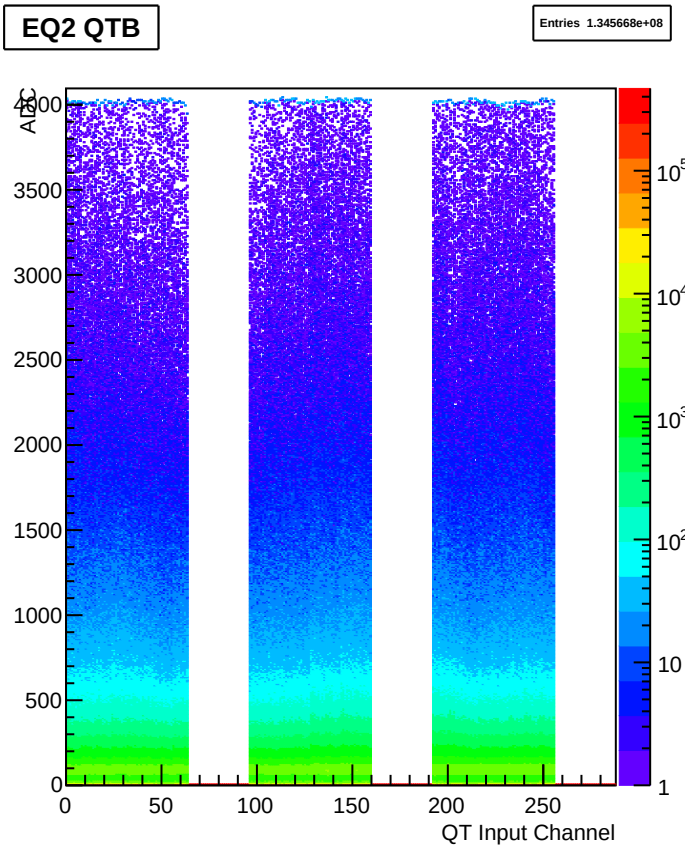

BBQ-VP002 West
Entries 7475936
ADC
QT Input Channel

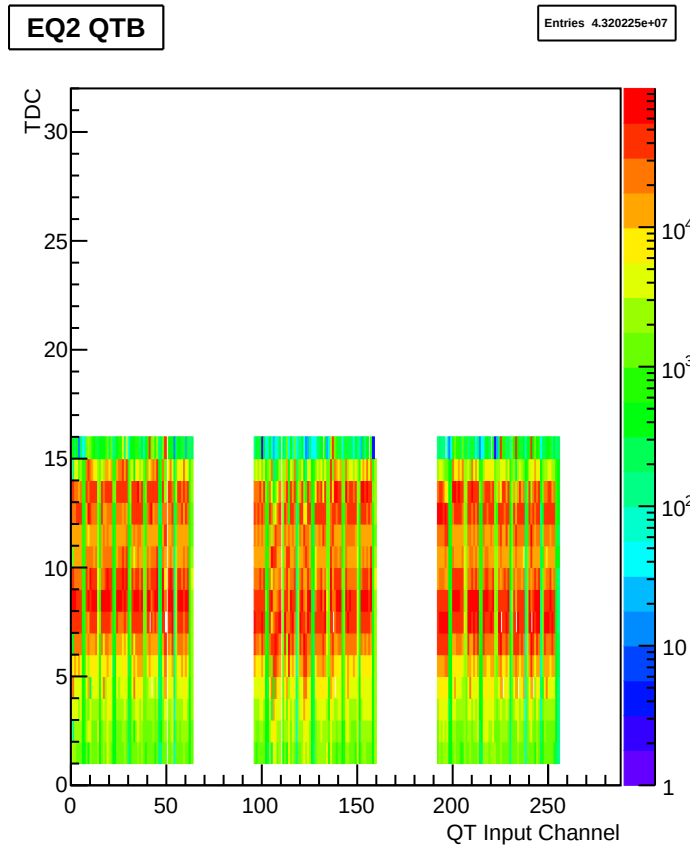

EQ1 QTB
Entries 1.345668e+08
ADC
QT Input Channel

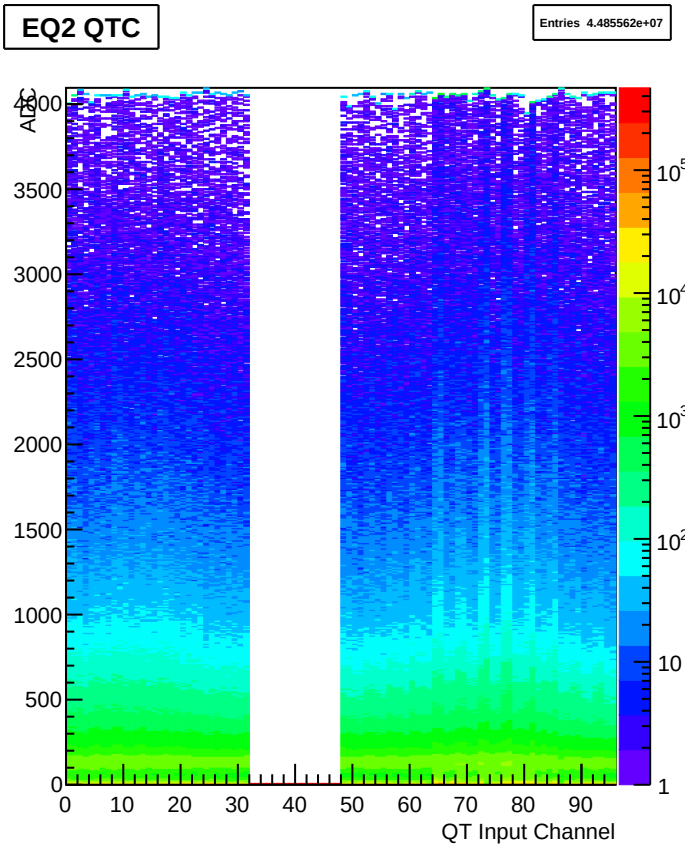

EQ1 QTB
Entries 4.434543e+07
TDC
QT Input Channel

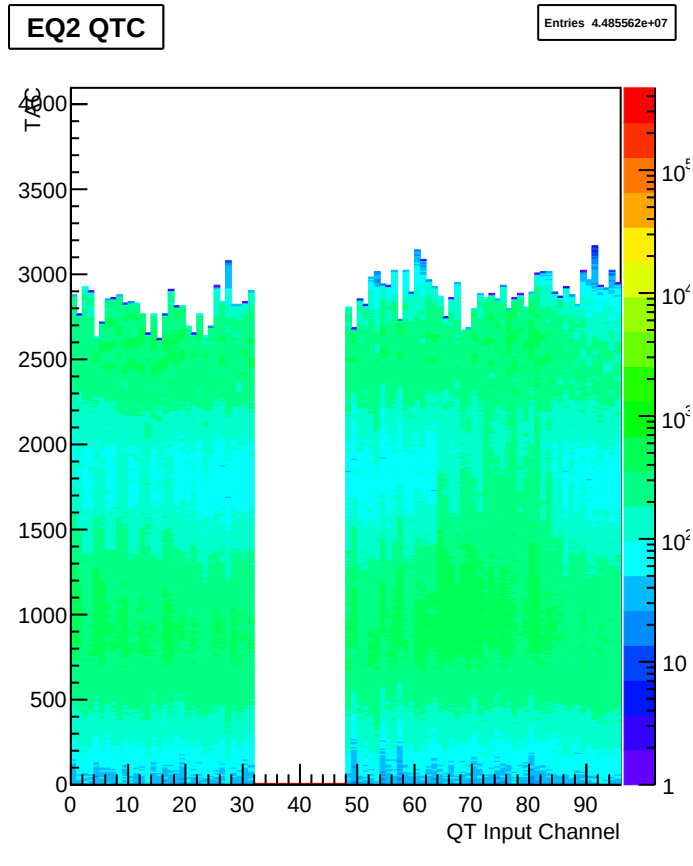

EQ1 QTC
Entries 4.485562e+07
ADC
QT Input Channel

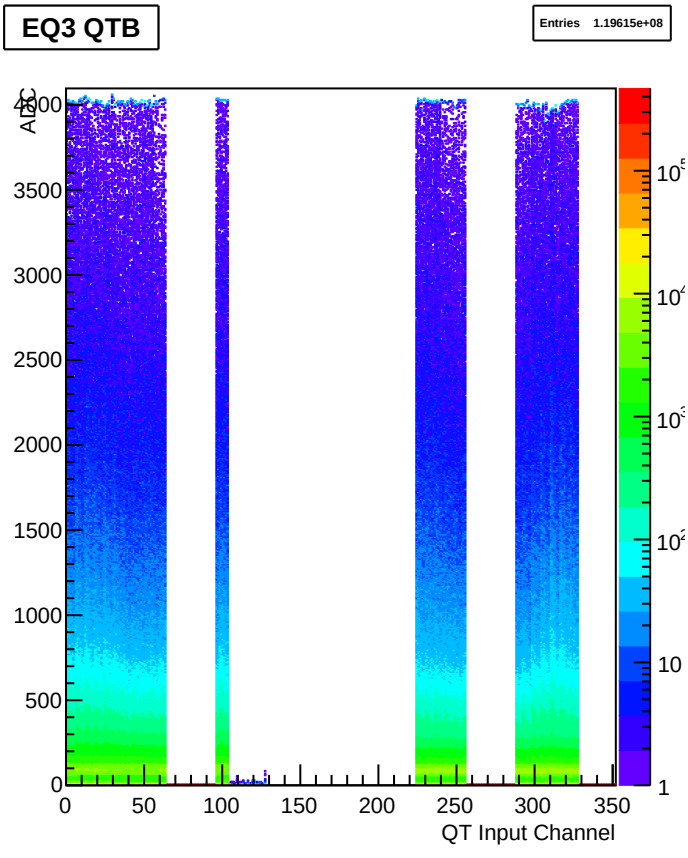

EQ1 QTC
Entries 4.485562e+07
TADC
QT Input Channel

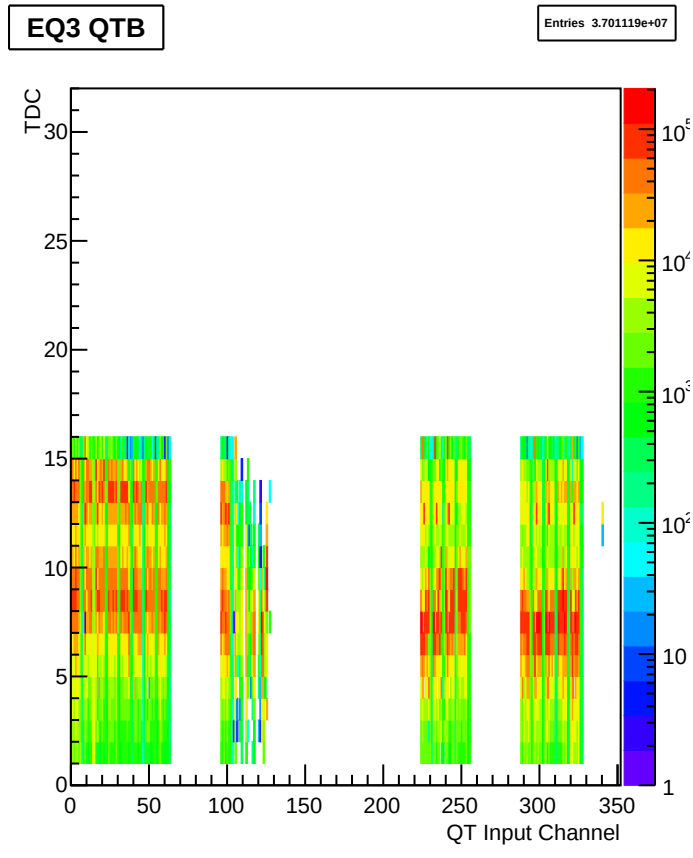

EQ2 QTB
Entries 1.345668e+08
ADC
QT Input Channel

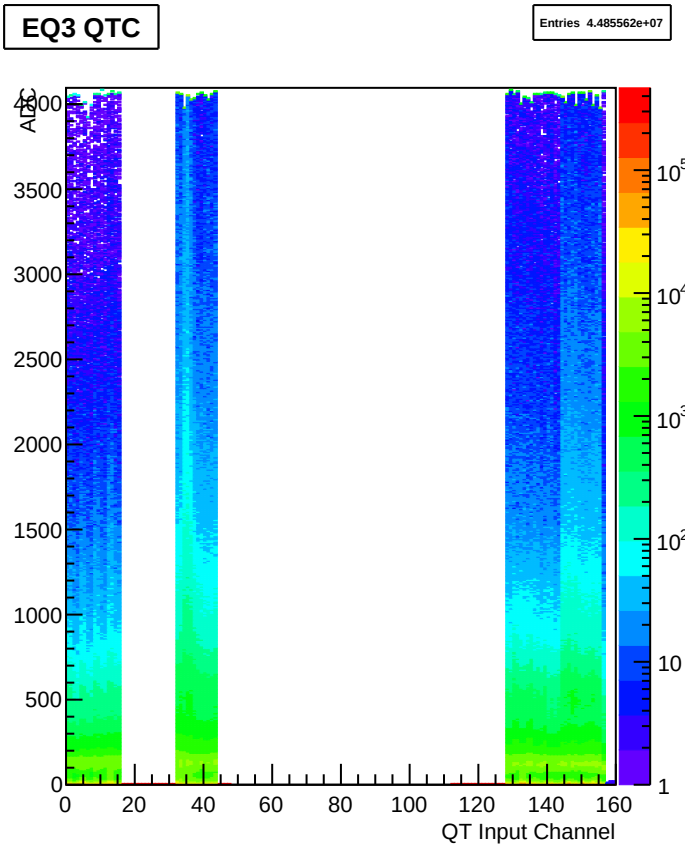

EQ2 QTB
Entries 4.320225e+07
TDC
QT Input Channel

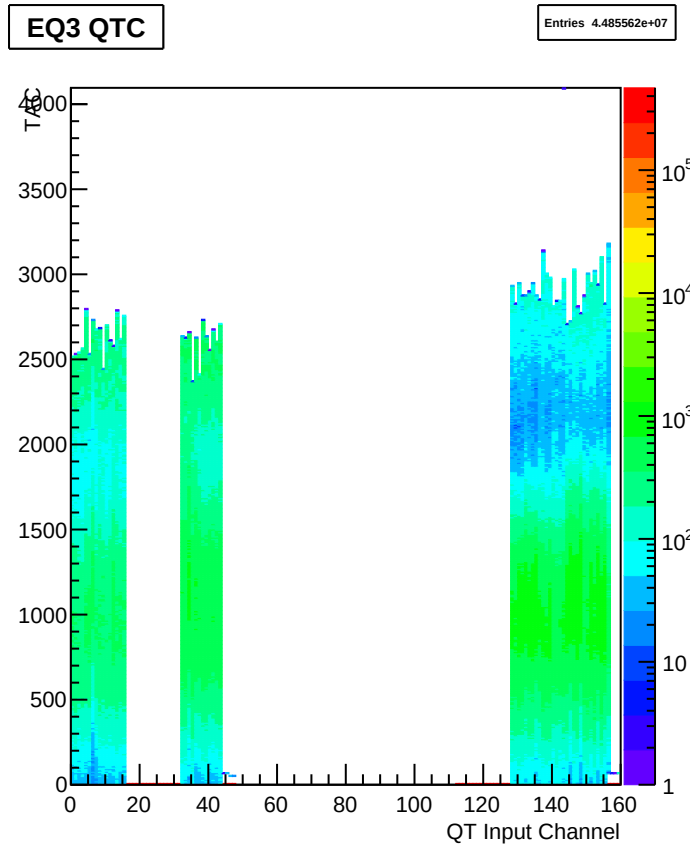

EQ2 QTC
Entries 4.485562e+07
ADC
QT Input Channel

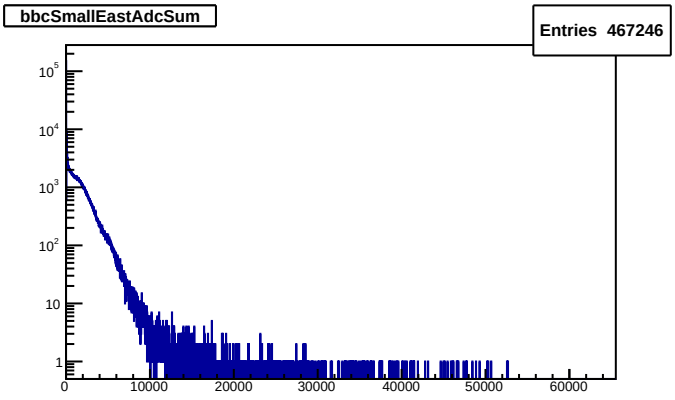

EQ2 QTC
Entries 4.485562e+07
TADC
QT Input Channel

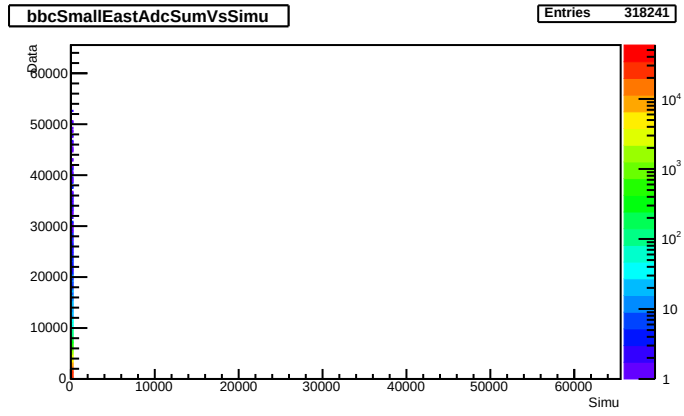

EQ3 QTB
Entries 1.19615e+08
ADC
QT Input Channel

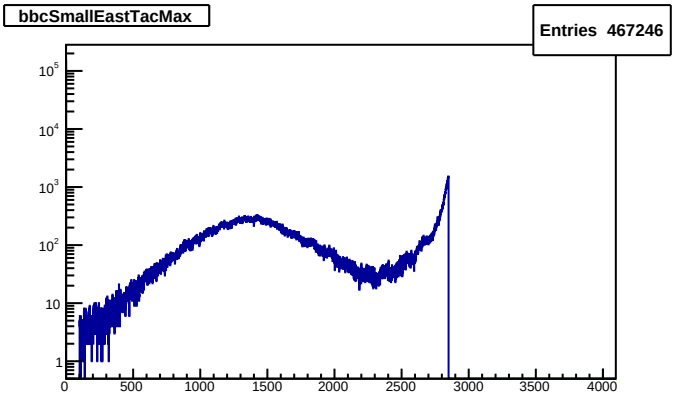

EQ3 QTB
Entries 3.701119e+07
TDC
QT Input Channel

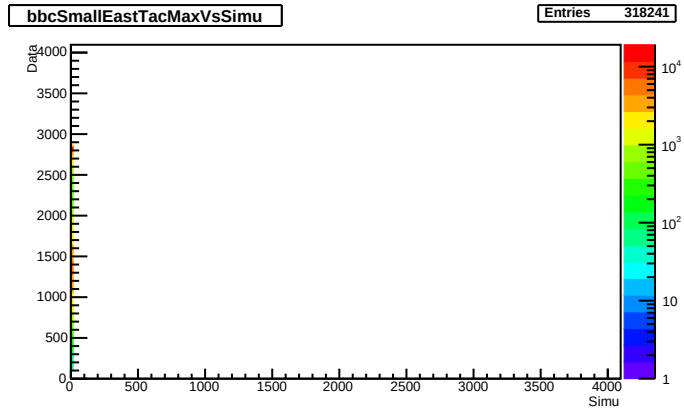

EQ3 QTC
Entries 4.485562e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.485562e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 467246


bbcSmallEastAdcSumVsSimu
Entries 318241
Data
Simu


bbcSmallEastTacMax
Entries 467246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Data
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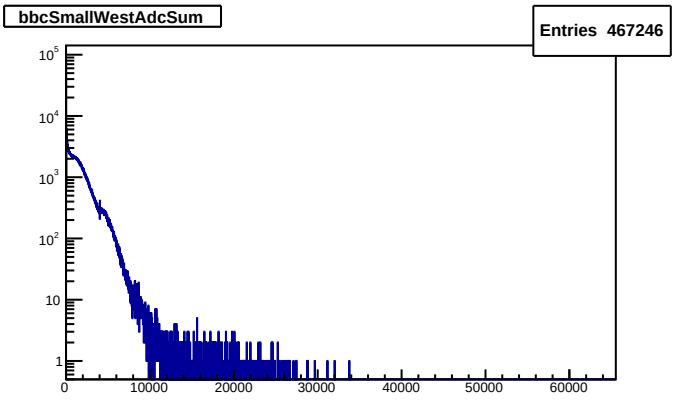
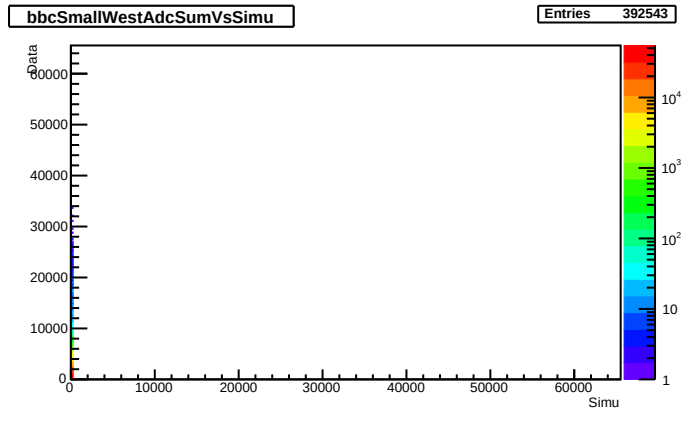

bbcSmallWestAdcSum
Entries 467246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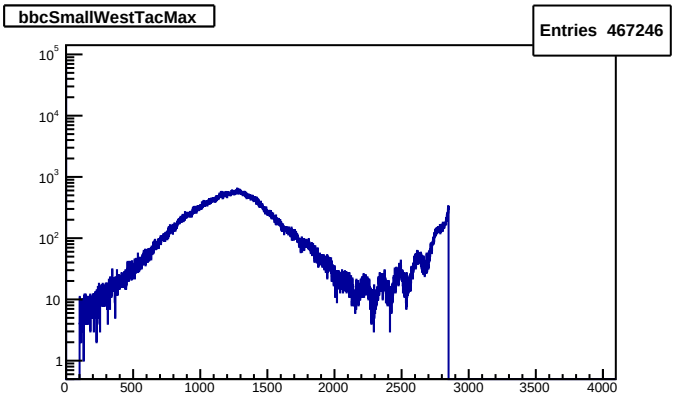
Entries 392543
Data
Simu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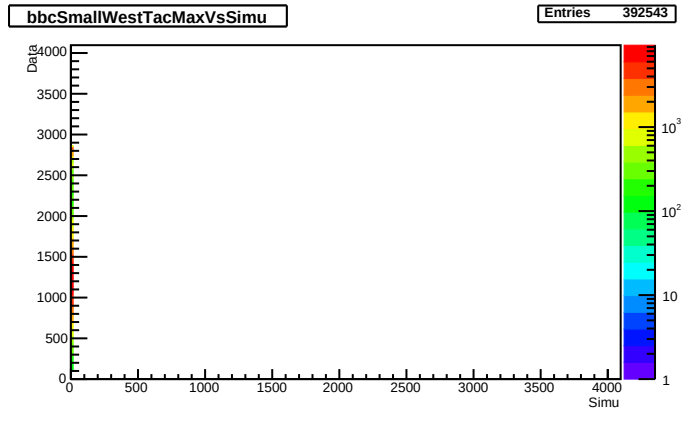
Entries 467246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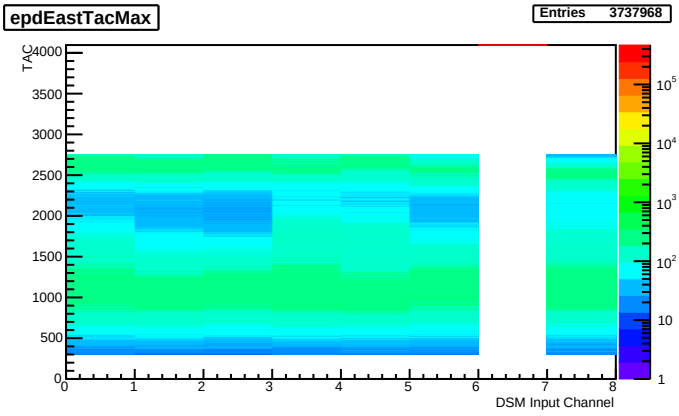
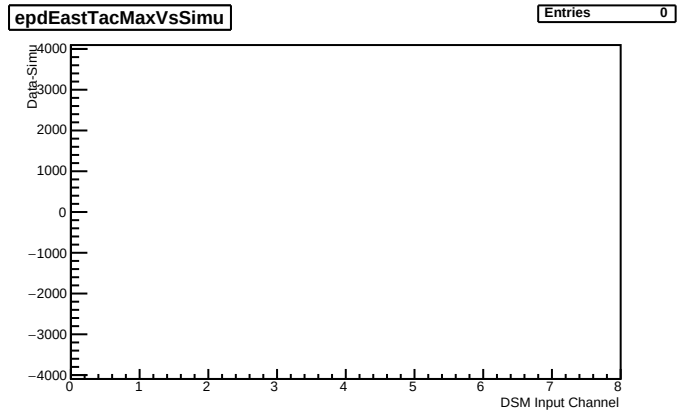
Entries 392543
Data
Simu


epdEastTacMax
Entries 3737968
TAC
DSM Input Channel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Data-Simu
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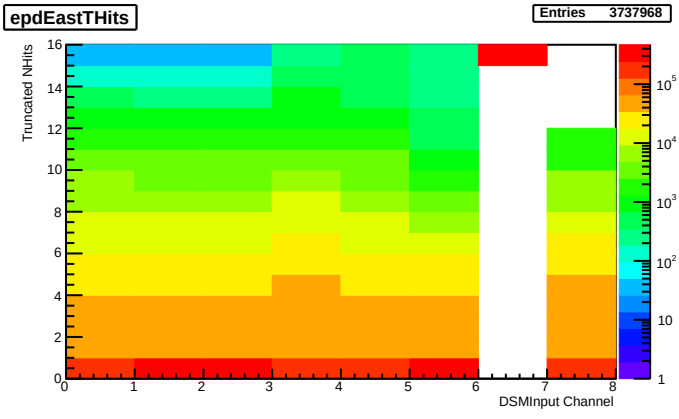
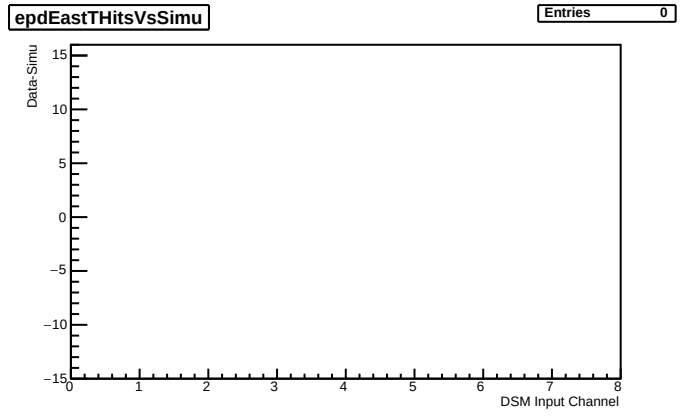

epdEastTHits
Entries 3737968
Truncated NHits
DSMInput Channel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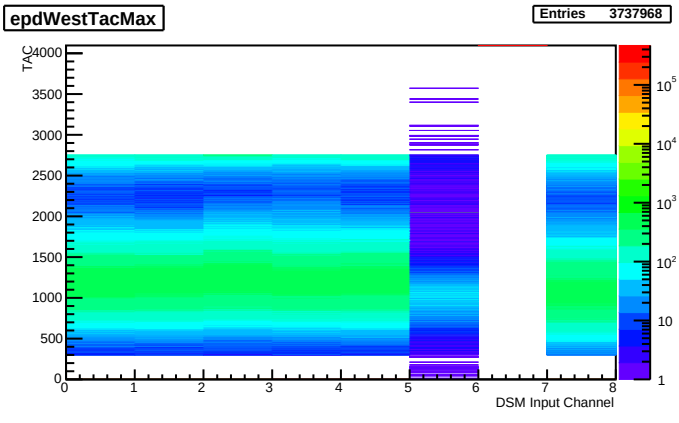
Data-Simu
DSM Input Channel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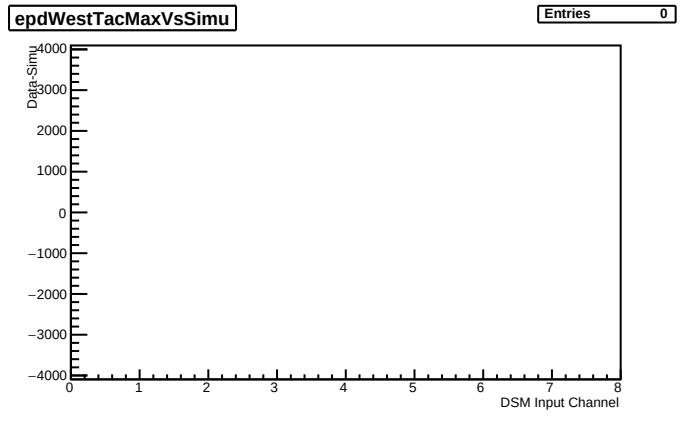
Entries 3737968
TAC
DSM Input Channel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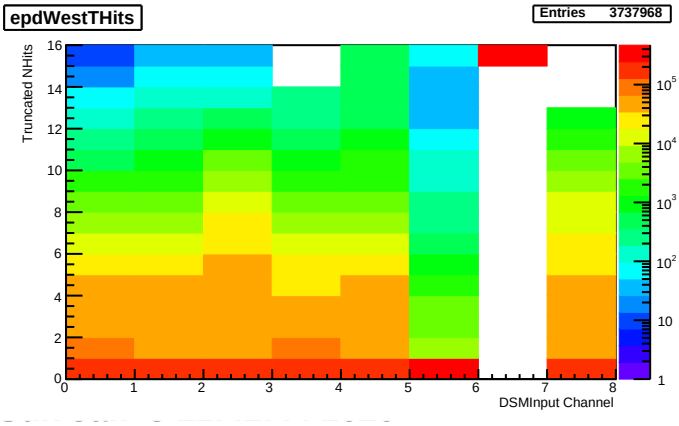
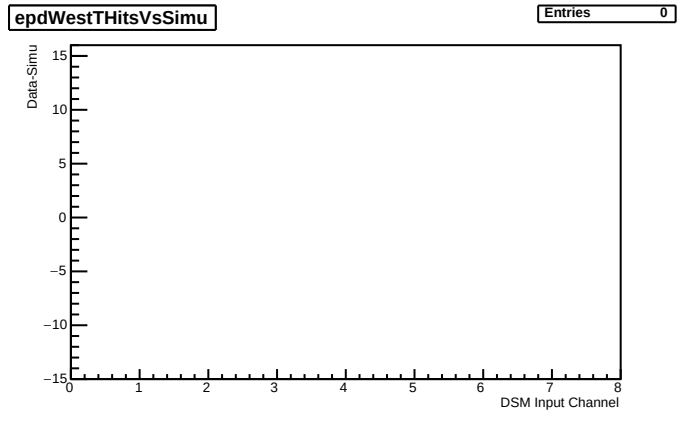
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3737968
Truncated NHits
DSMInput Channel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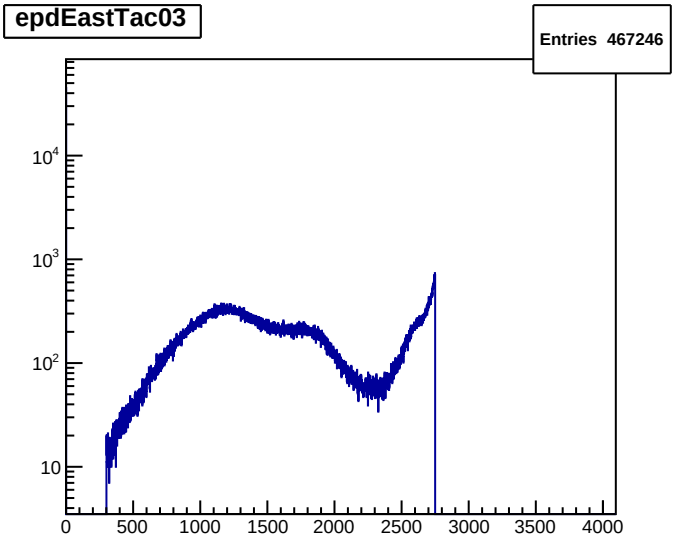
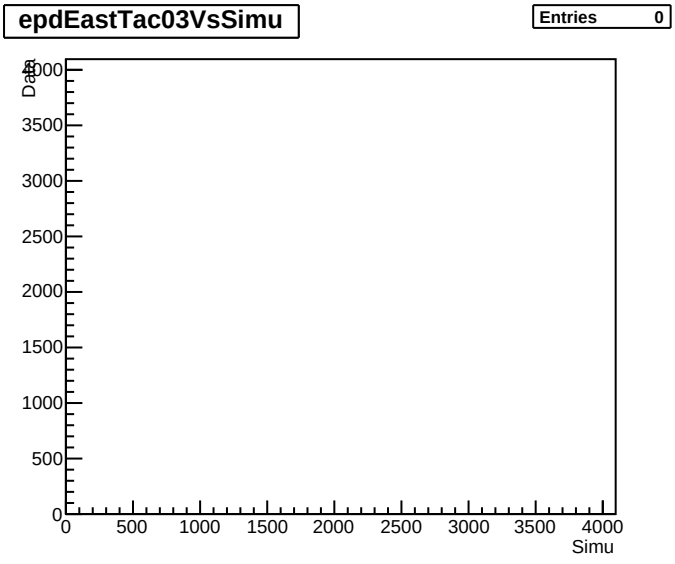
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 467246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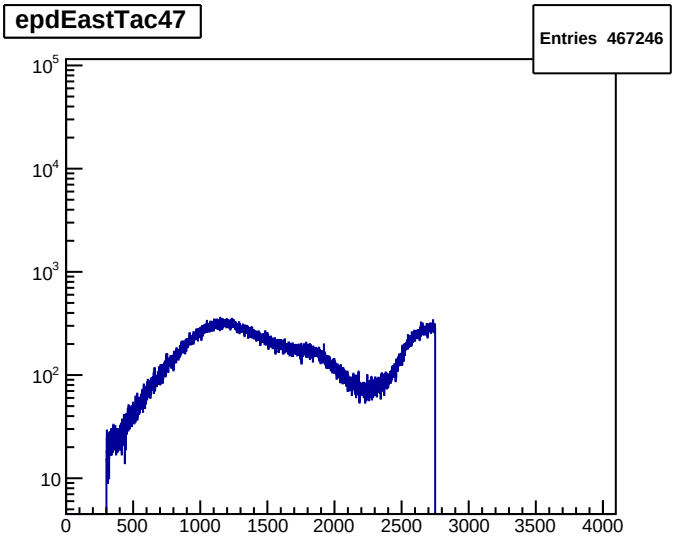
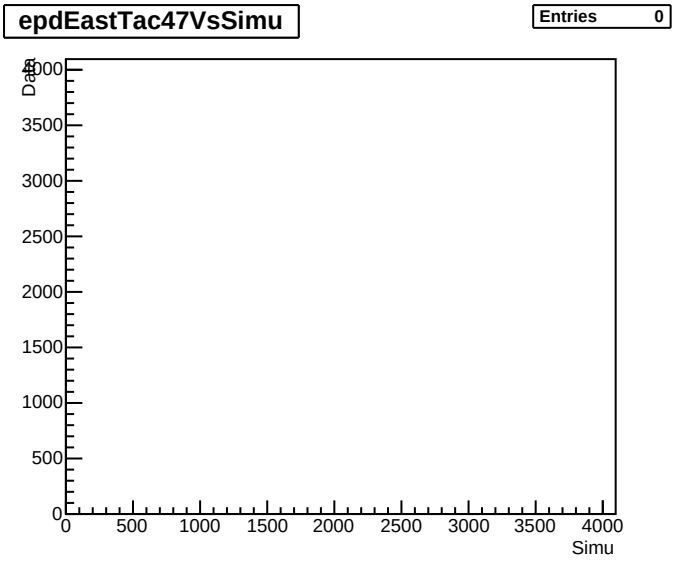
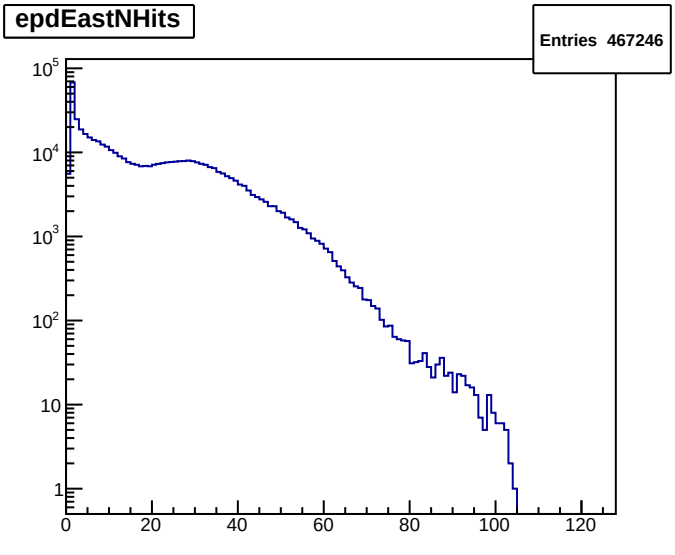
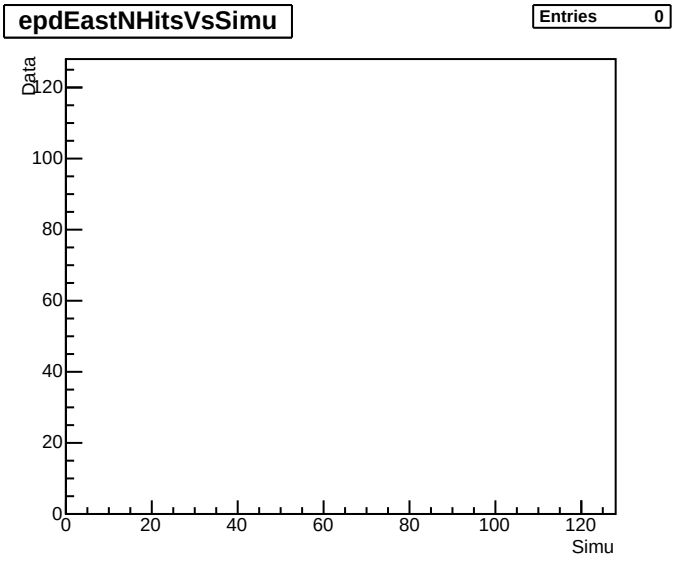
Entries 0
Data
Simu


epdEastTac47
Entries 467246


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 467246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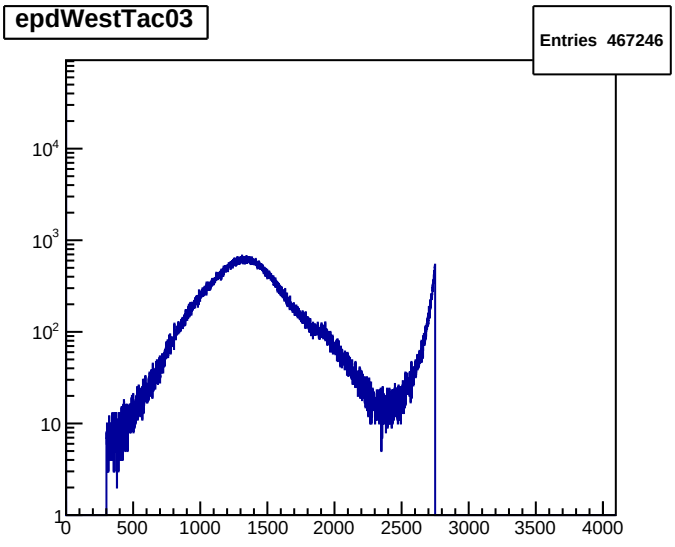
Entries 0
Data
Simu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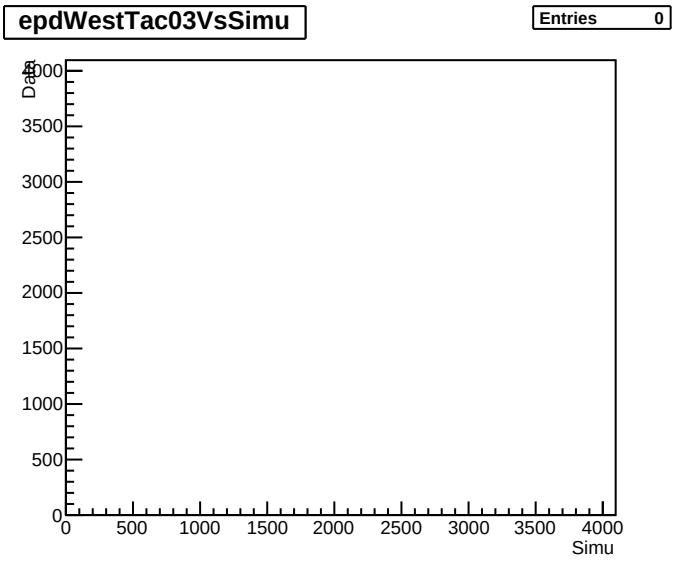
Entries 467246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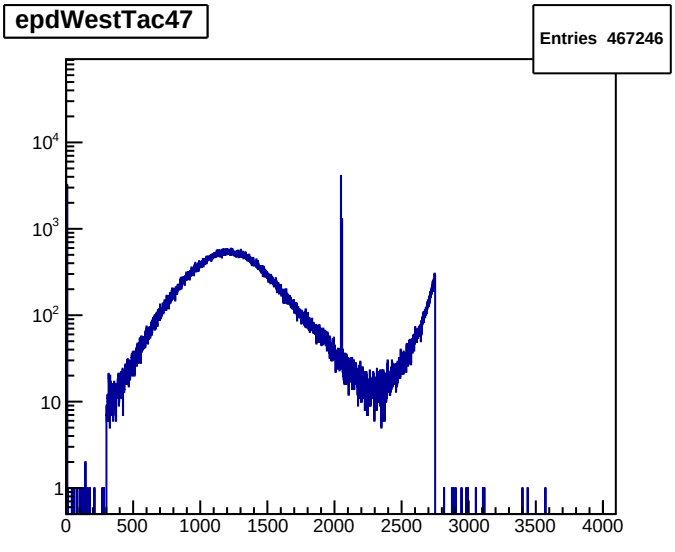
Entries 0
Data
Simu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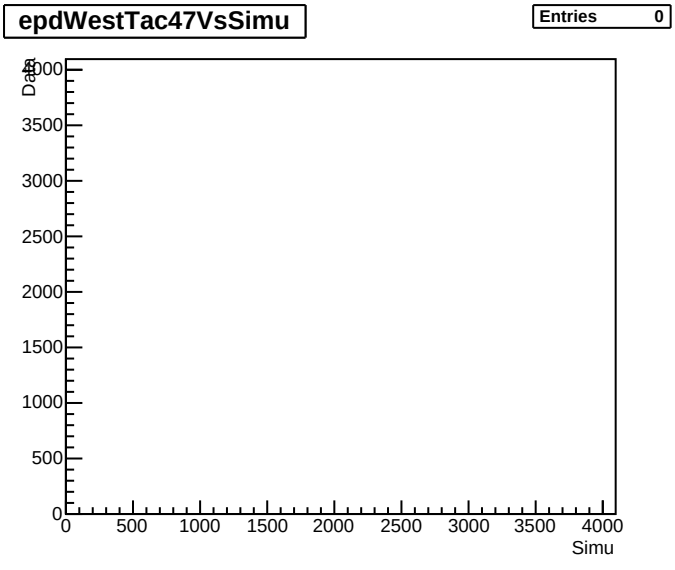
Entries 467246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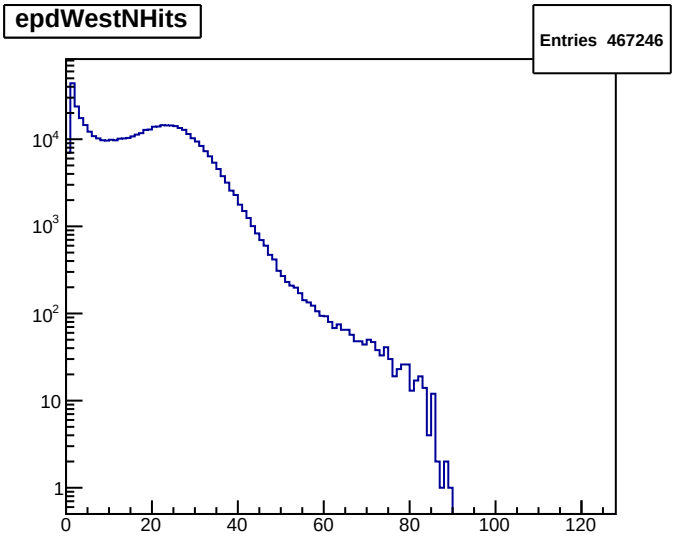
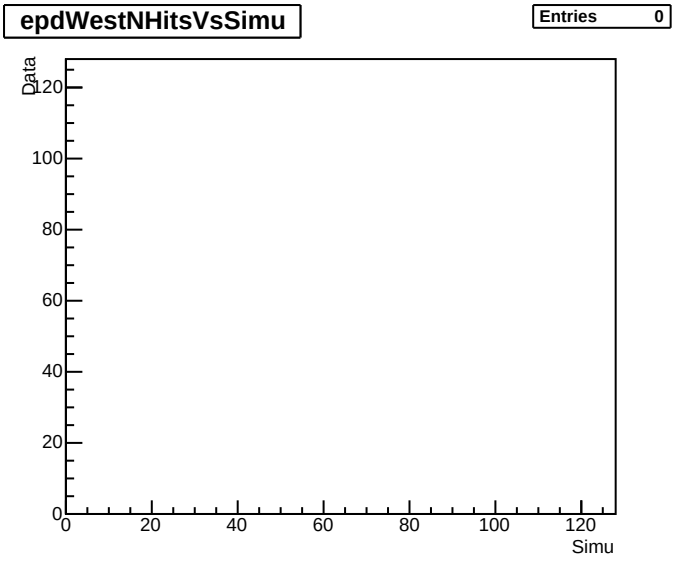
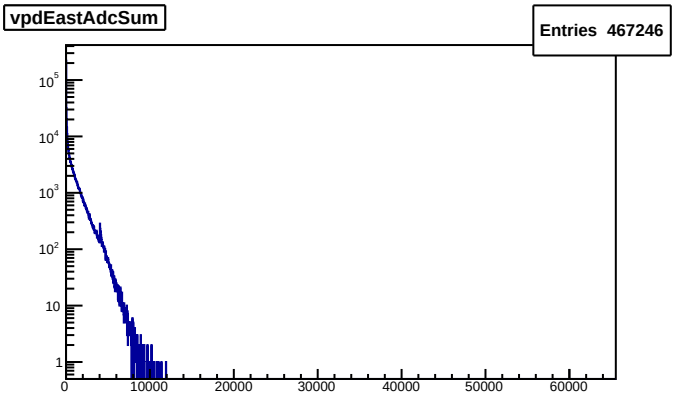
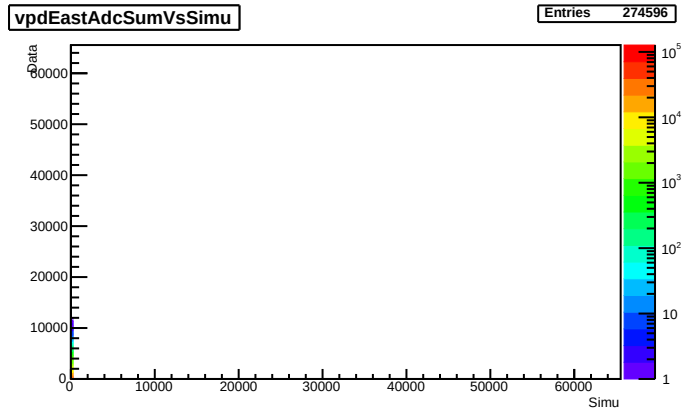
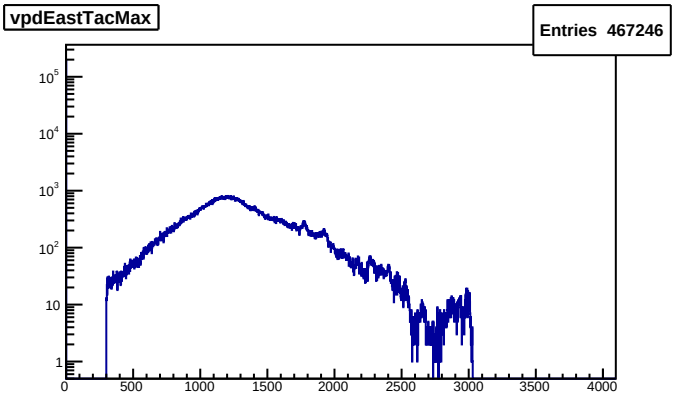
Data
Simu

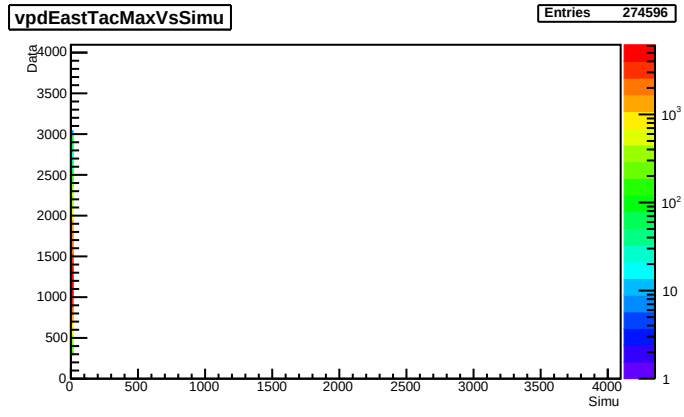

epdWestNHits
Entries 467246

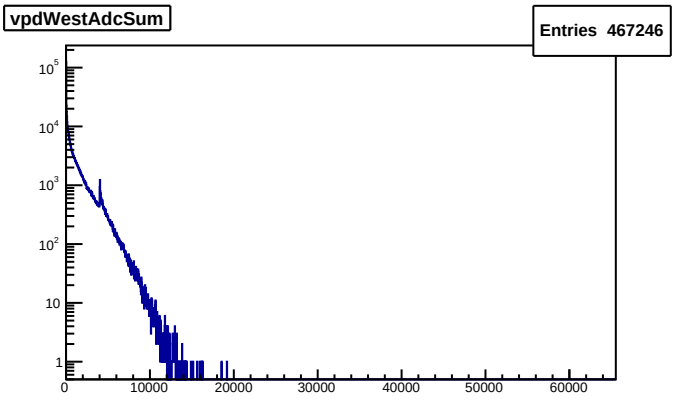

epdWestNHitsVsSimu
Entries 0
Data
Simu

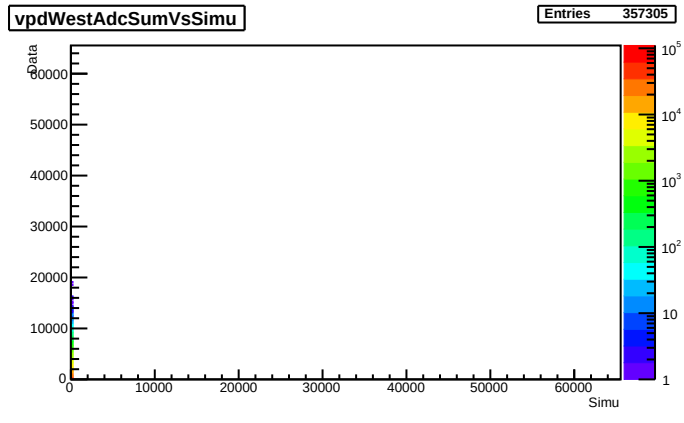

vpdEastAdcSum
Entries 467246

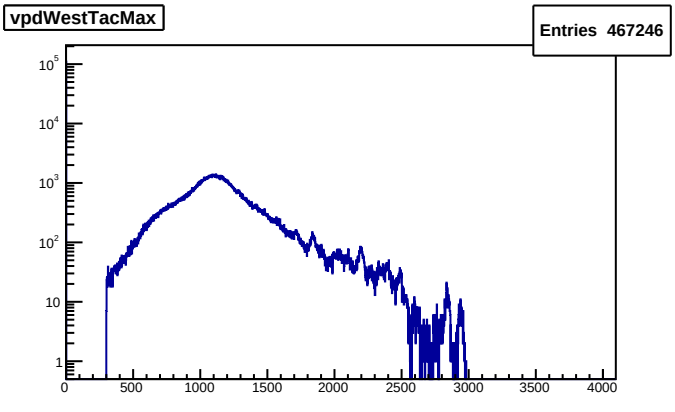

vpdEastAdcSumVsSimu
Entries 274596
Data
Simu

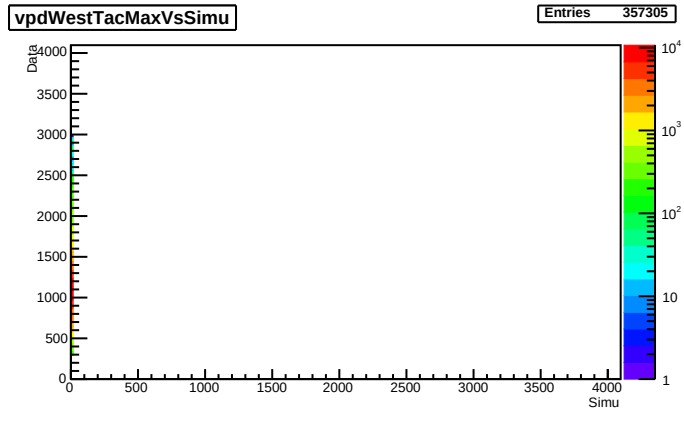

vpdEastTacMax
Entries 467246

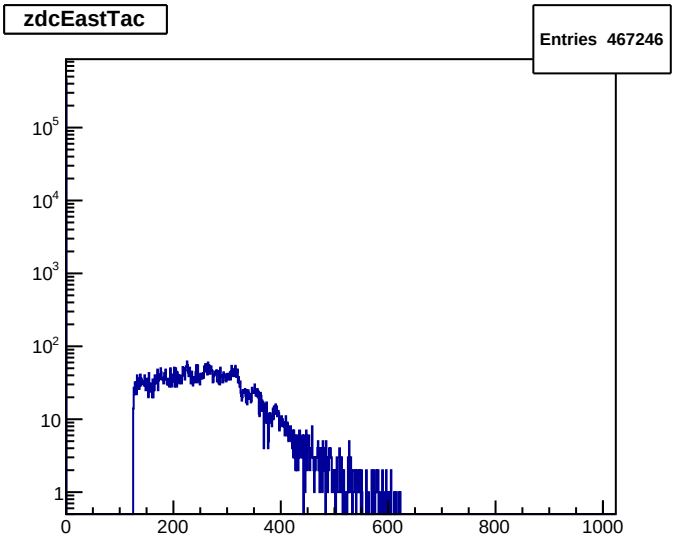

vpdEastTacMaxVsSimu
Entries 274596
Data
Simu

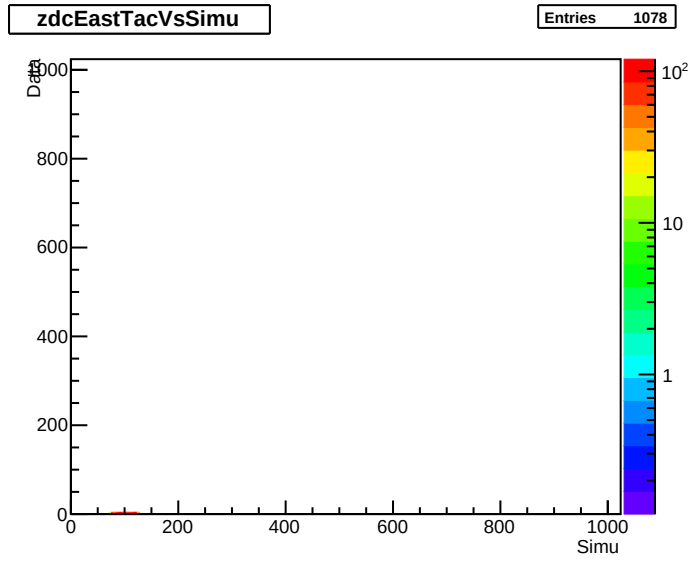

vpdWestAdcSum
Entries 467246

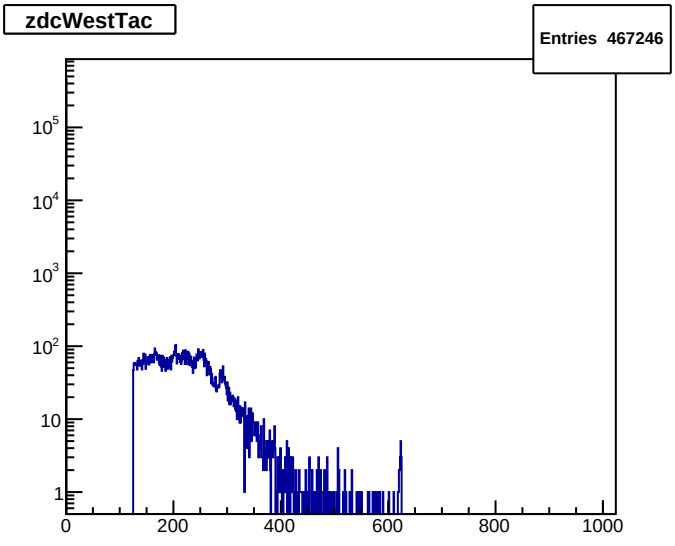

vpdWestAdcSumVsSimu
Entries 357305
Data
Simu

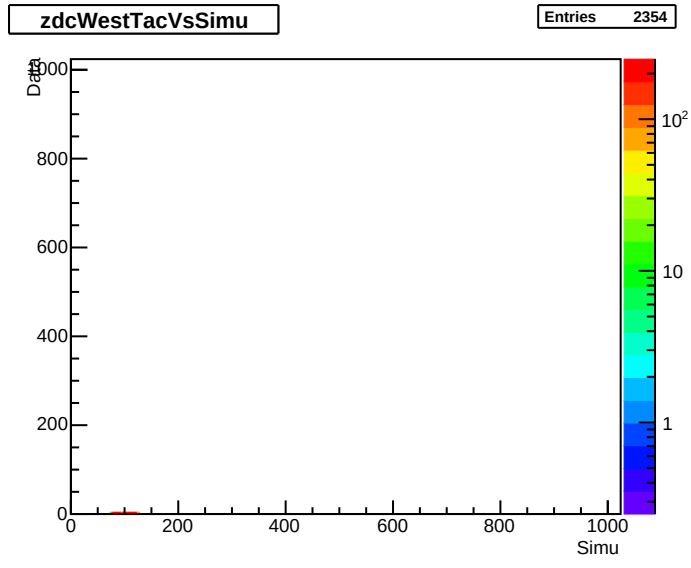

vpdWestTacMax
Entries 467246

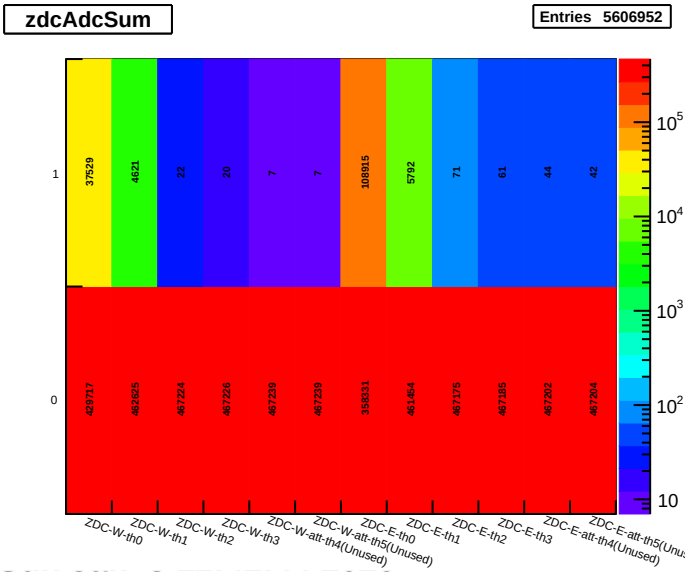

vpdWestTacMaxVsSimu
Entries 357305
Data
Simu

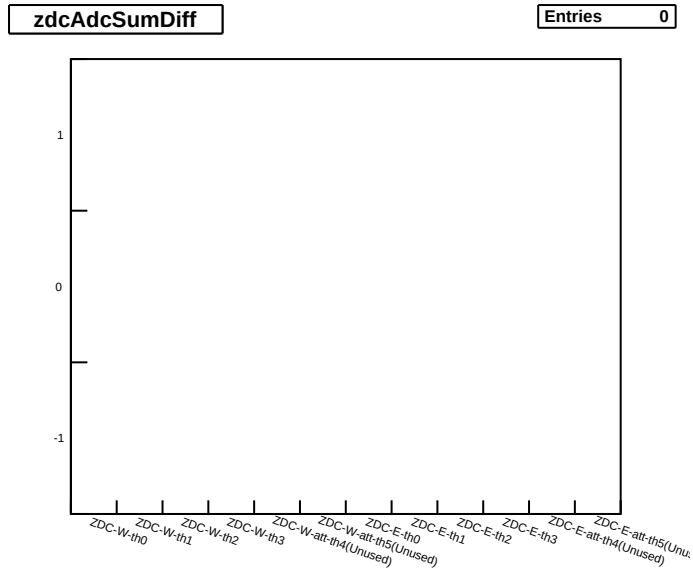

zdcEastTac
Entries 467246

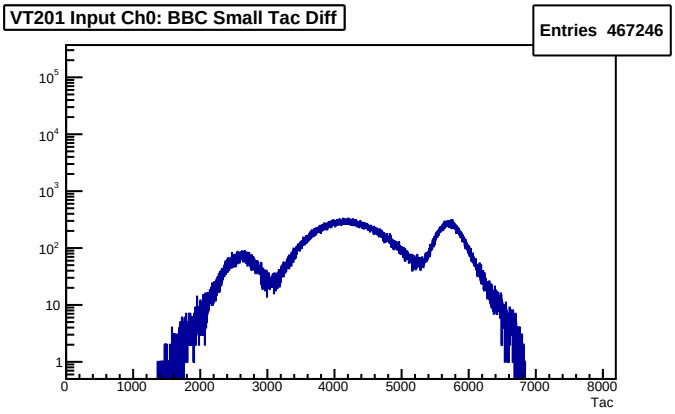

zdcEastTacVsSimu
Entries 1078
Data
Simu

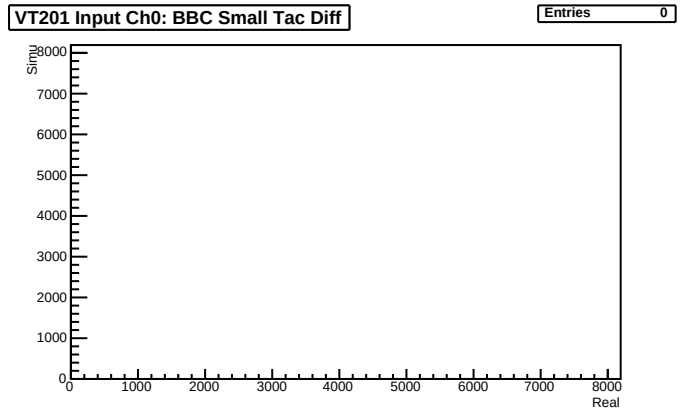

zdcWestTac
Entries 467246

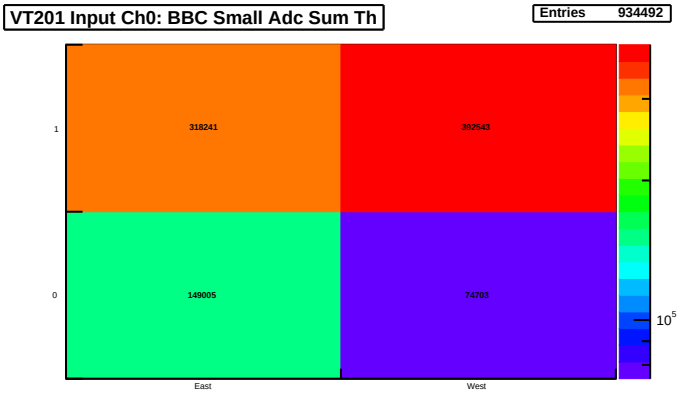

zdcWestTacVsSimu
Entries 2354
Data
Simu

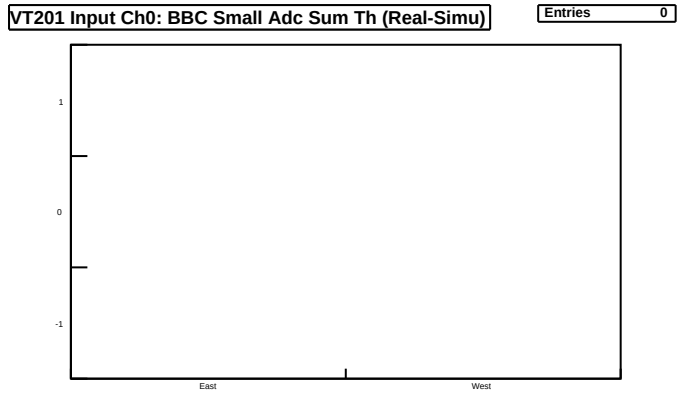

zdcAdcSum
Entries 5606952
37529
4621
22
20
7
7
108915
5792
71
61
44
42
429717
462625
467224
467226
467239
467239
358331
461454
467175
467185
467202
467204
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

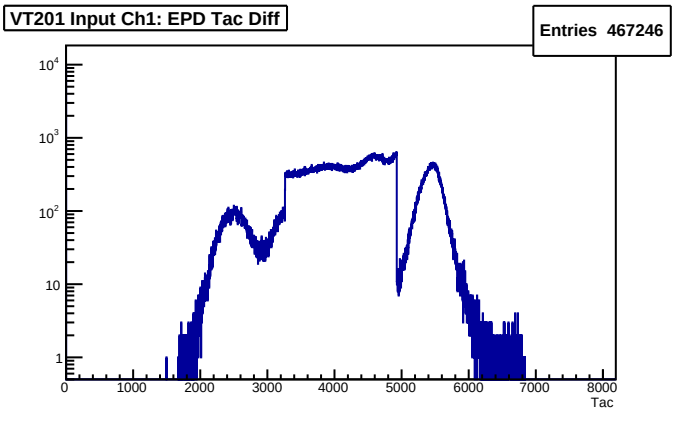

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

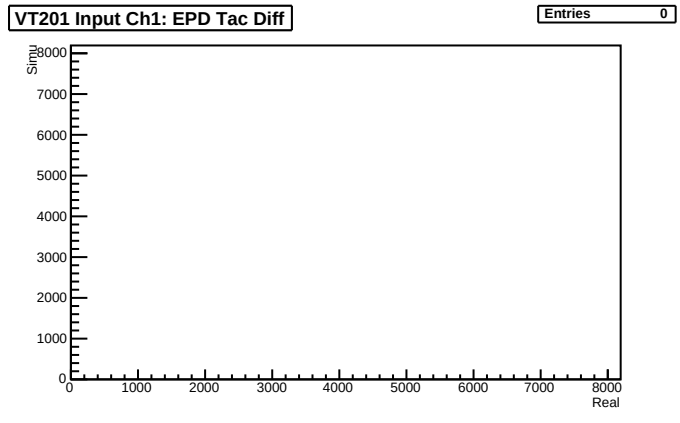

VT201 Input Ch0: BBC Small Tac Diff
Entries 467246
Tac

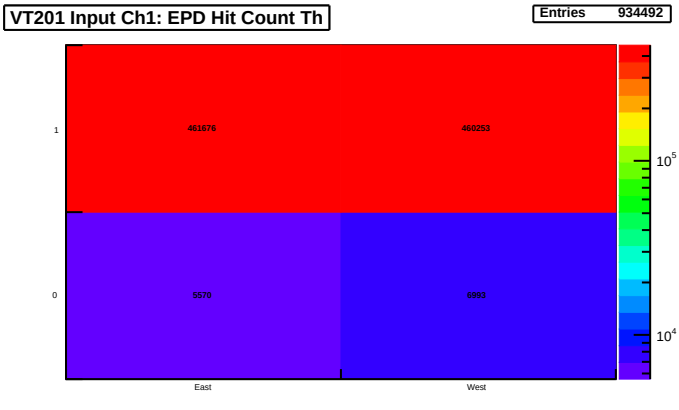

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

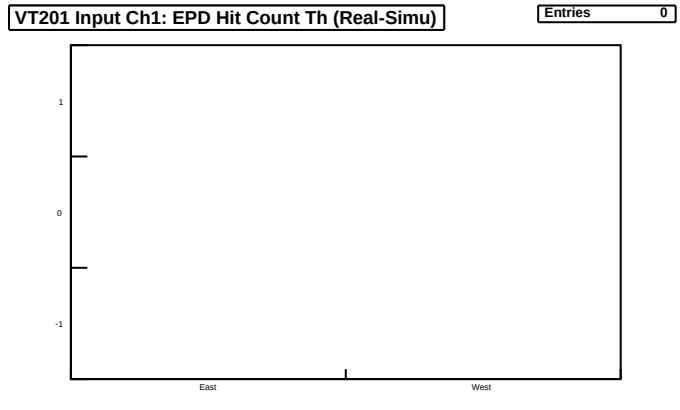

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 934492
318241
392543
149005
74703
East
West

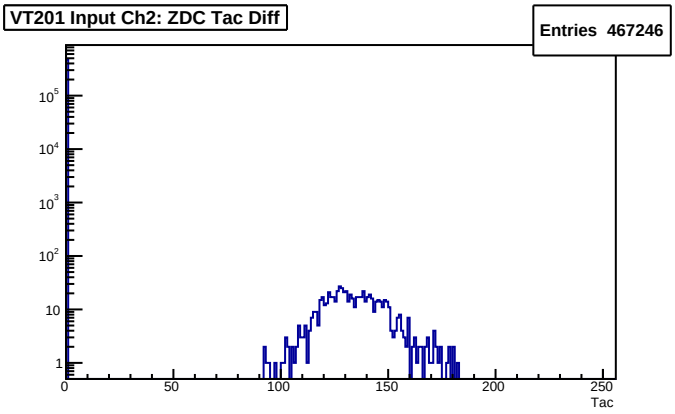

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

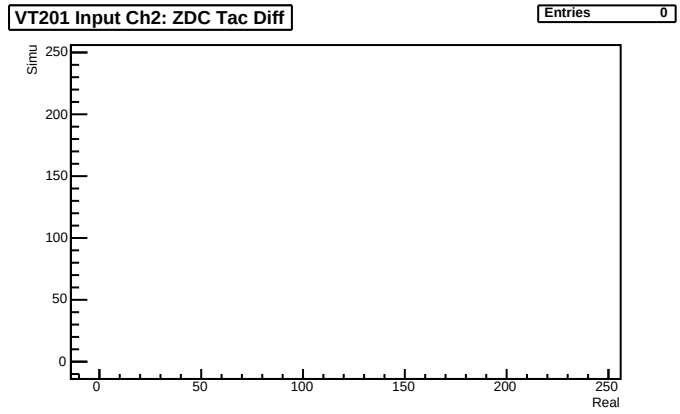

VT201 Input Ch1: EPD Tac Diff
Entries 467246
Tac

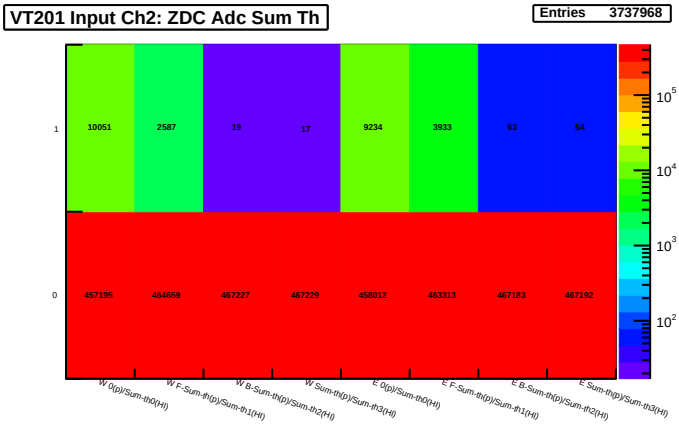

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

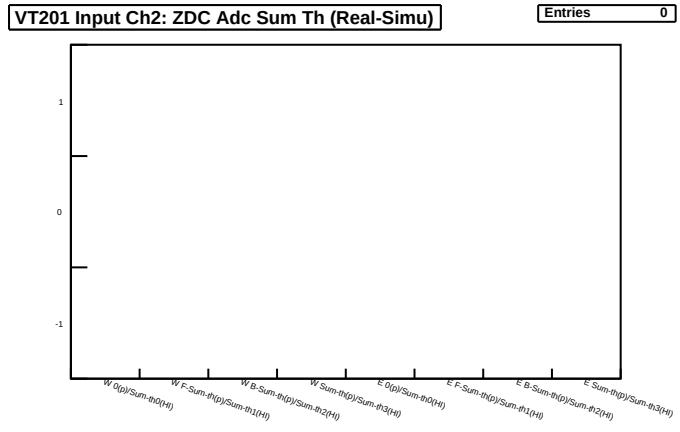

VT201 Input Ch1: EPD Hit Count Th
Entries 934492
461676
460253
5570
6993
East
West

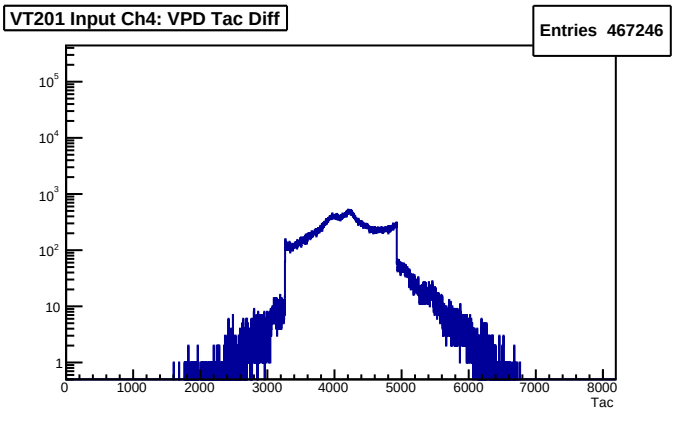

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

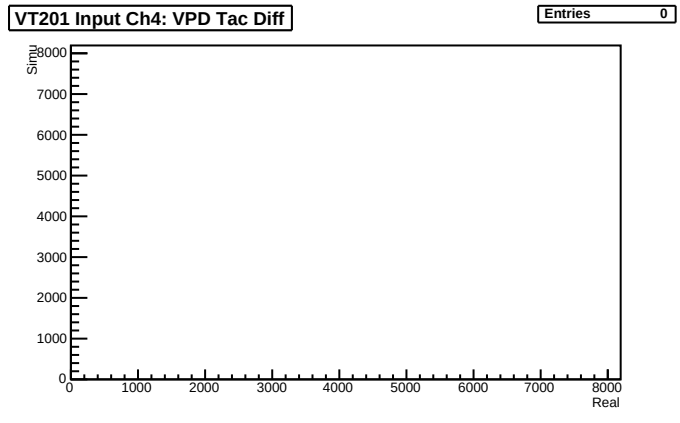

VT201 Input Ch2: ZDC Tac Diff
Entries 467246
Tac

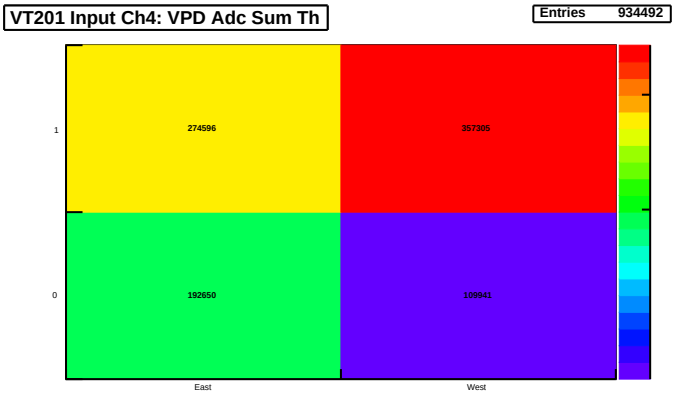

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

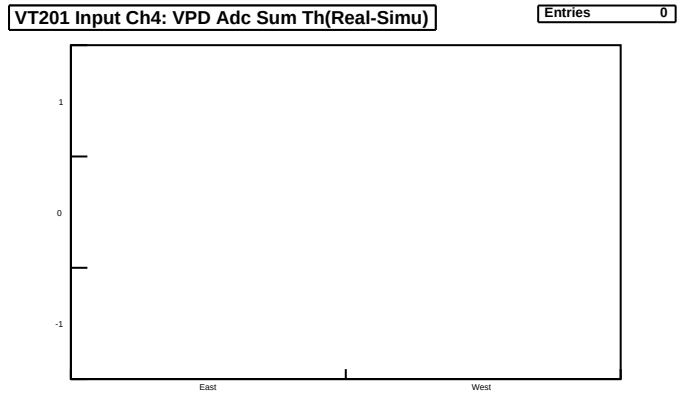

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3737968
10051
2587
19
17
9234
3933
63
54
457195
464659
467227
467229
458012
463313
467183
467192
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

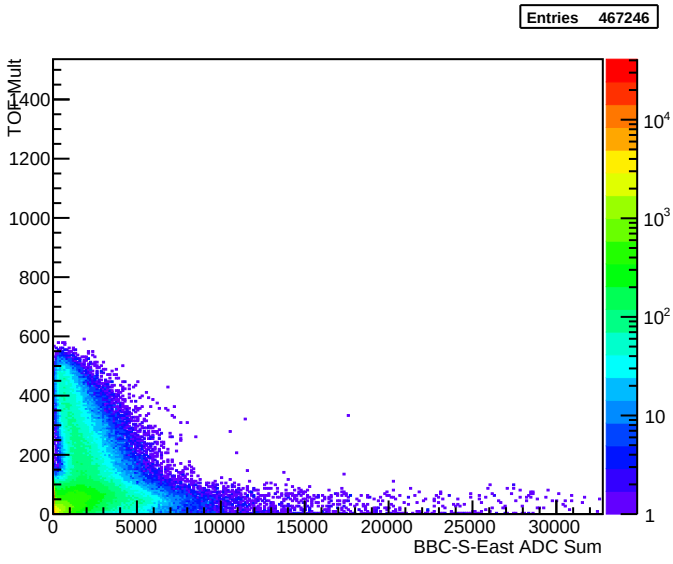

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

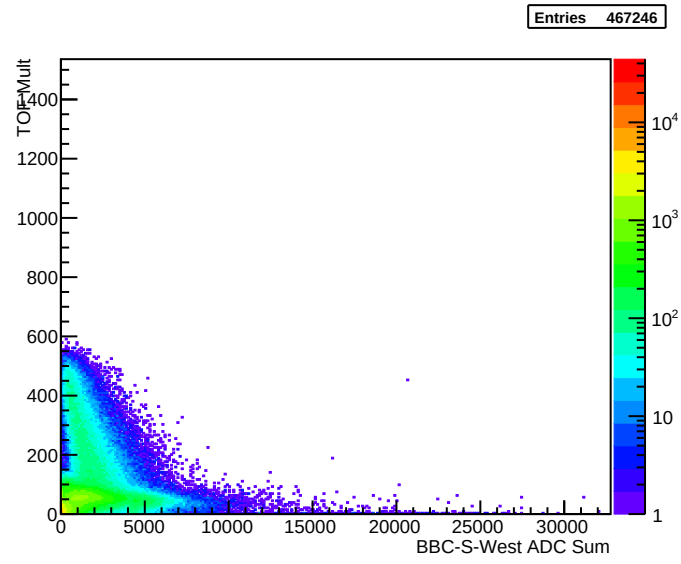

VT201 Input Ch4: VPD Tac Diff
Entries 467246
Tac

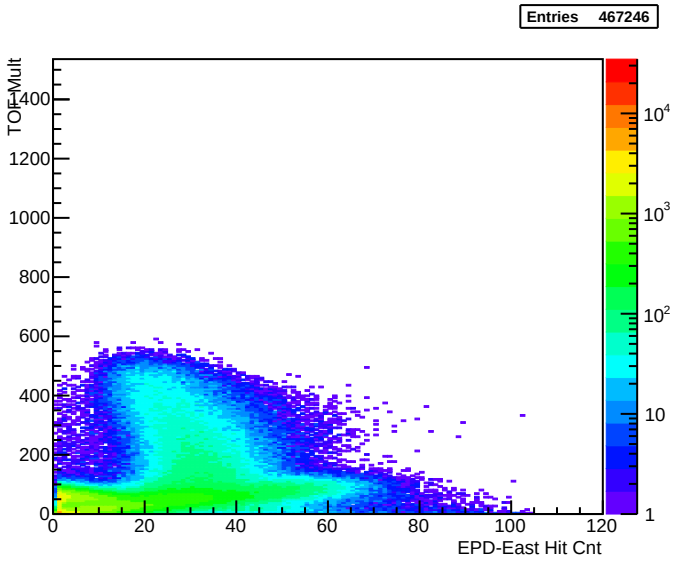

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

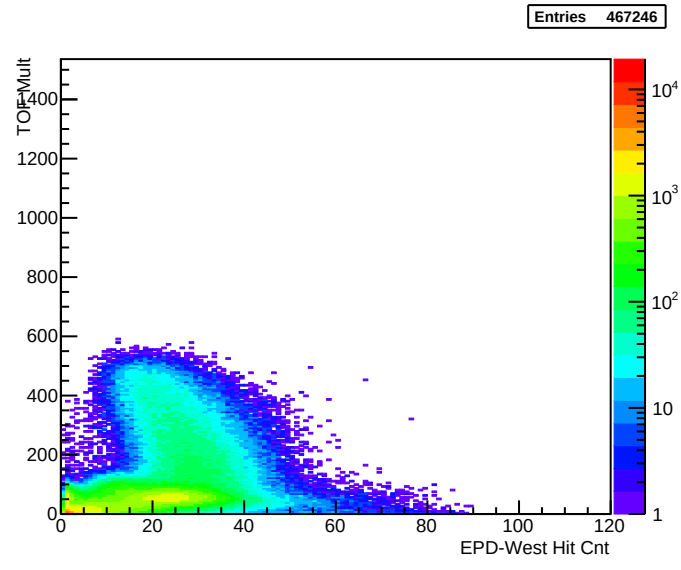

VT201 Input Ch4: VPD Adc Sum Th
Entries 934492
274596
357305
192650
109941
East
West

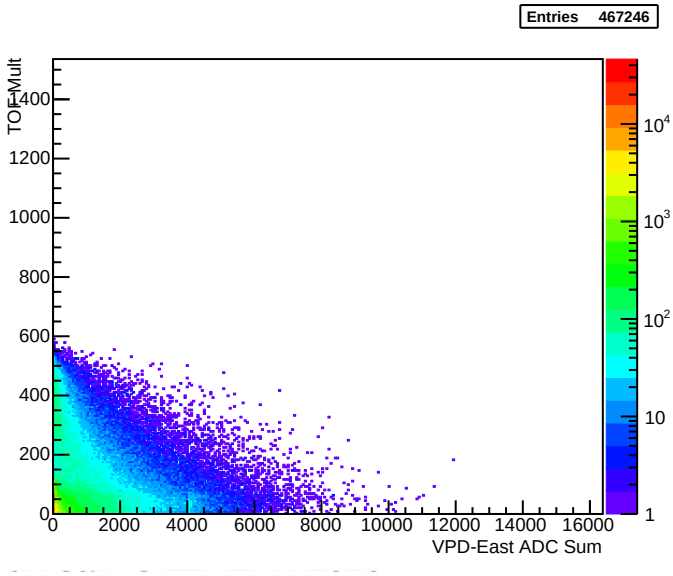

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

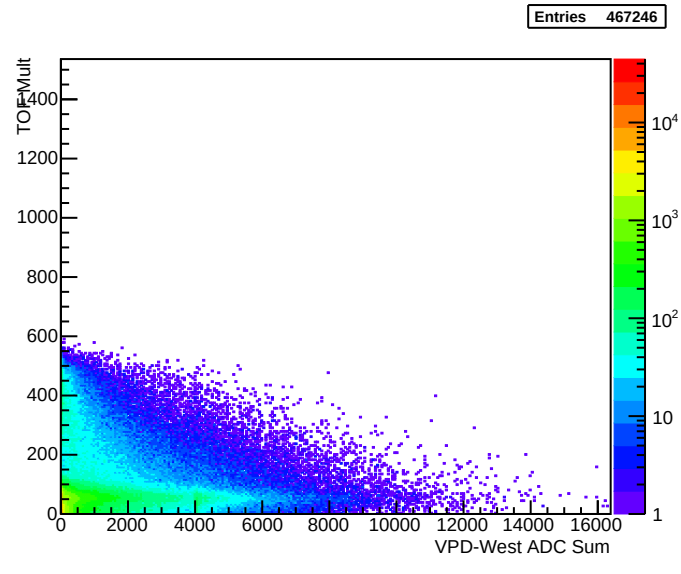

Entries 467246
TOF-Mult
BBC-S-East ADC Sum

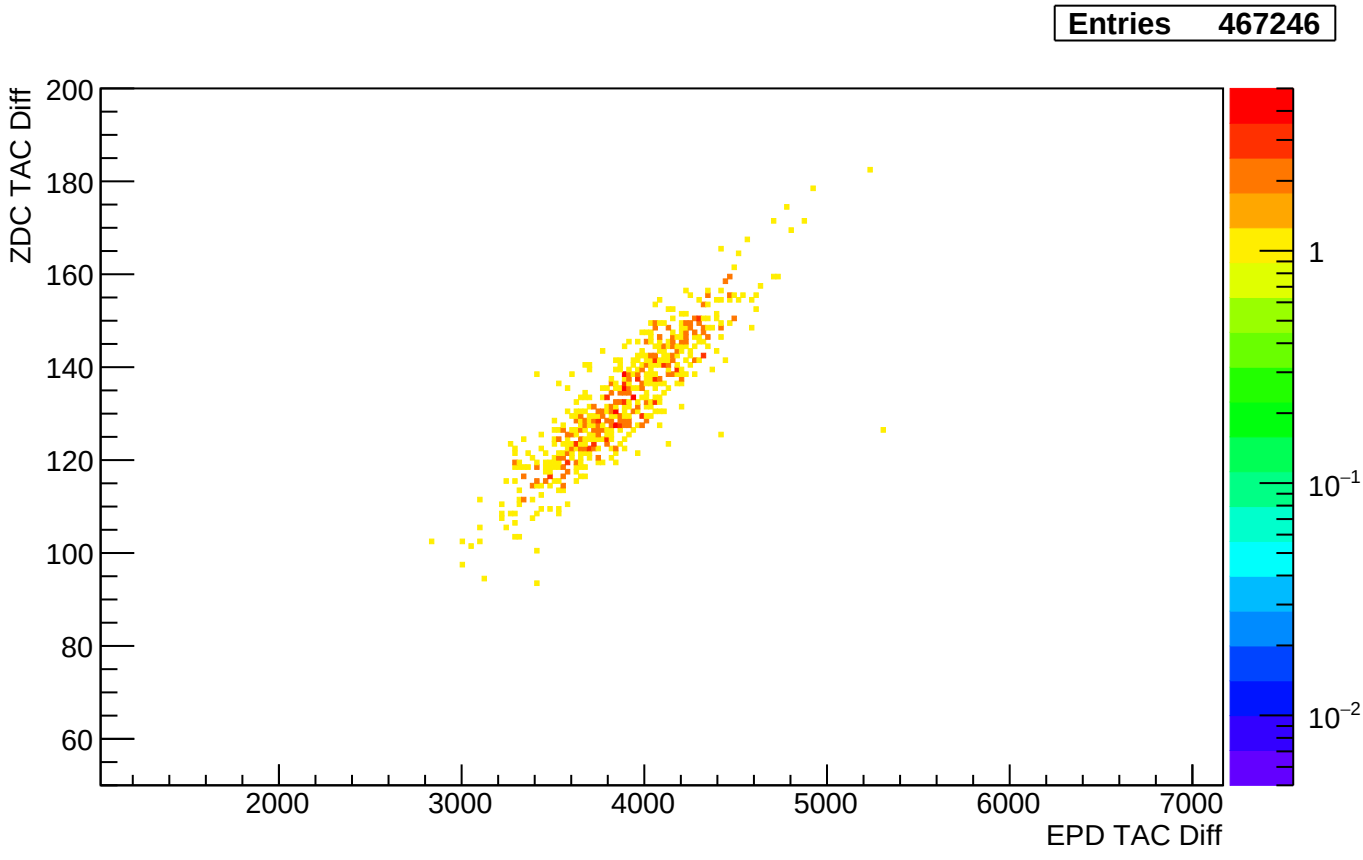

Entries 467246
TOF-Mult
BBC-S-West ADC Sum

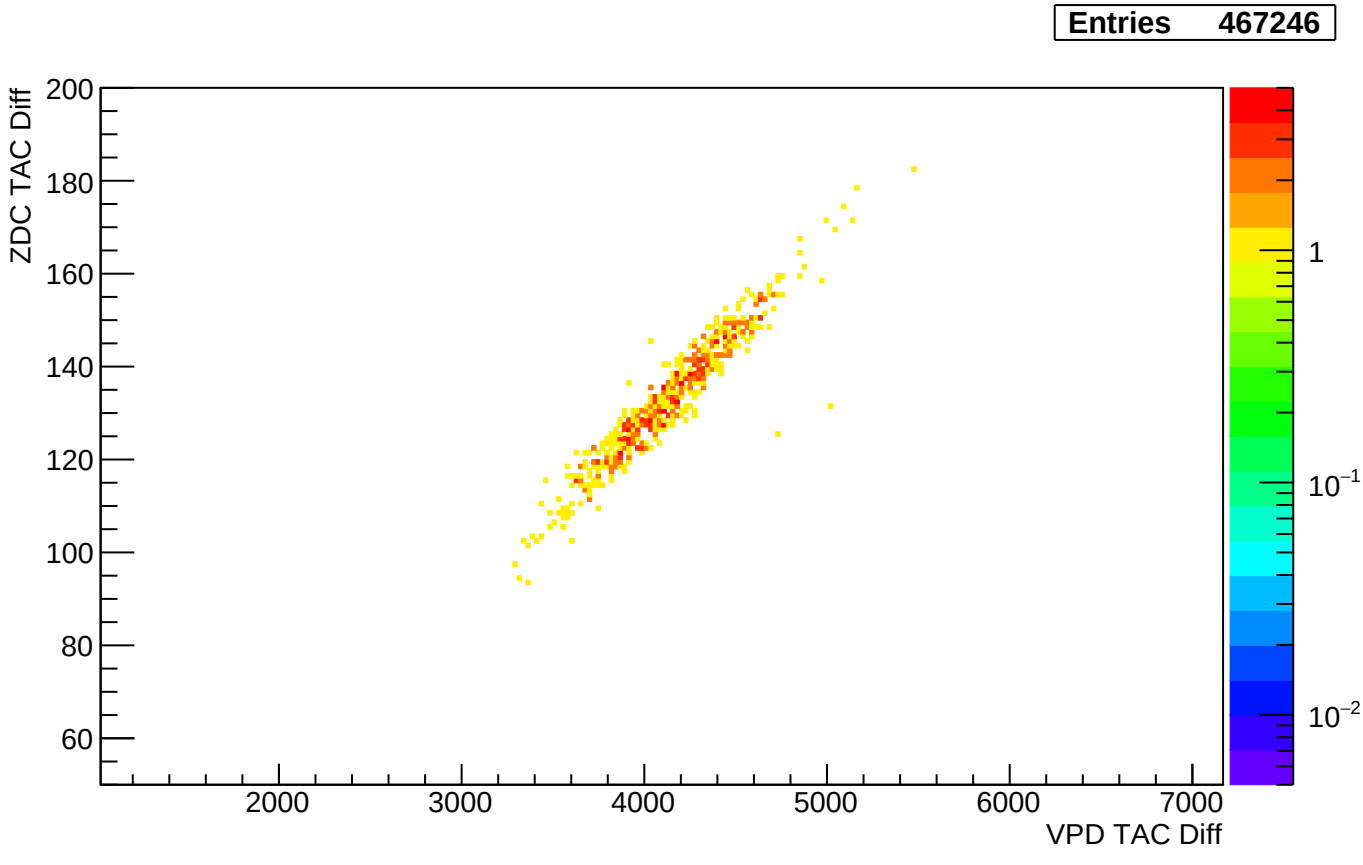

Entries 467246
TOF-Mult
EPD-East Hit Cnt

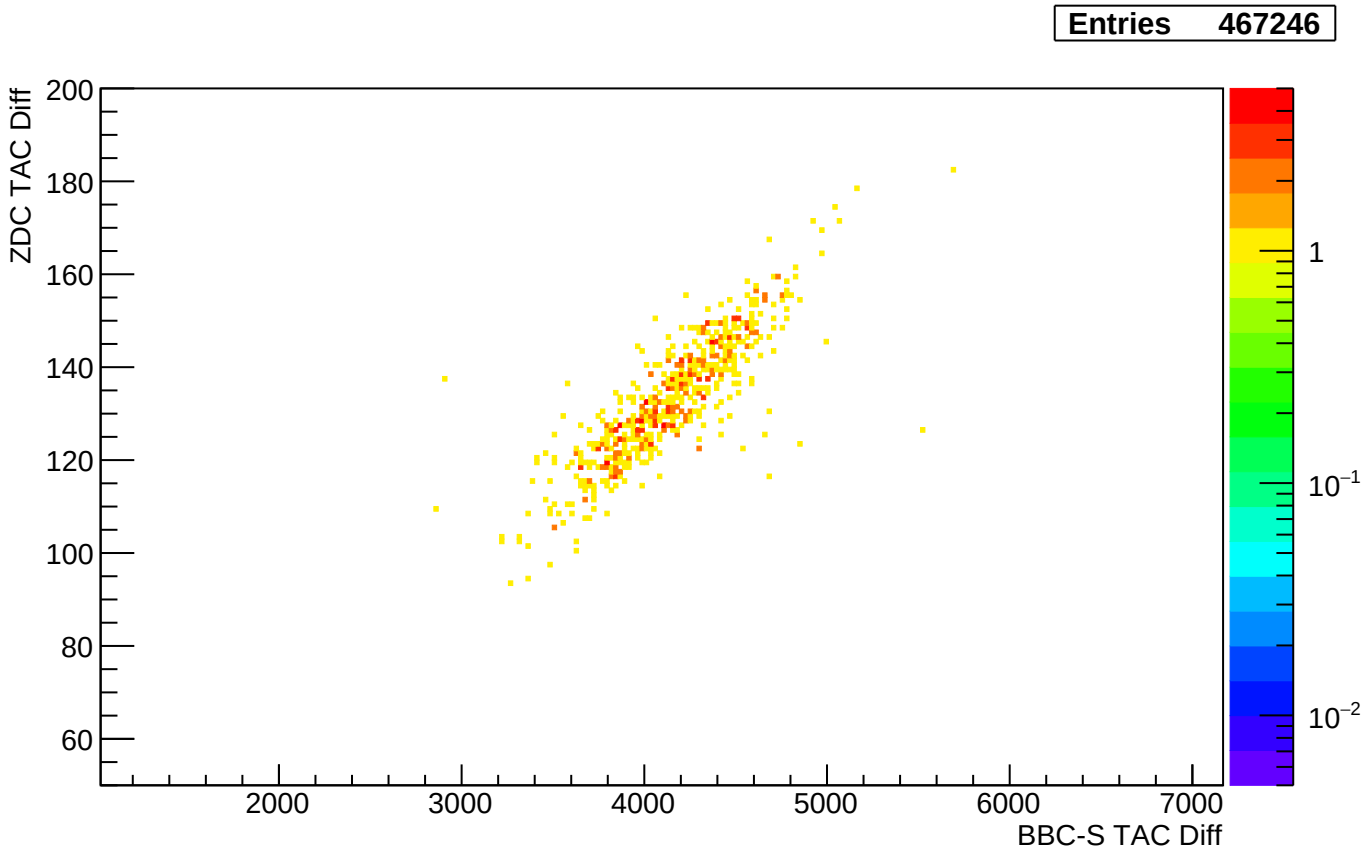

Entries 467246
TOF-Mult
EPD-West Hit Cnt

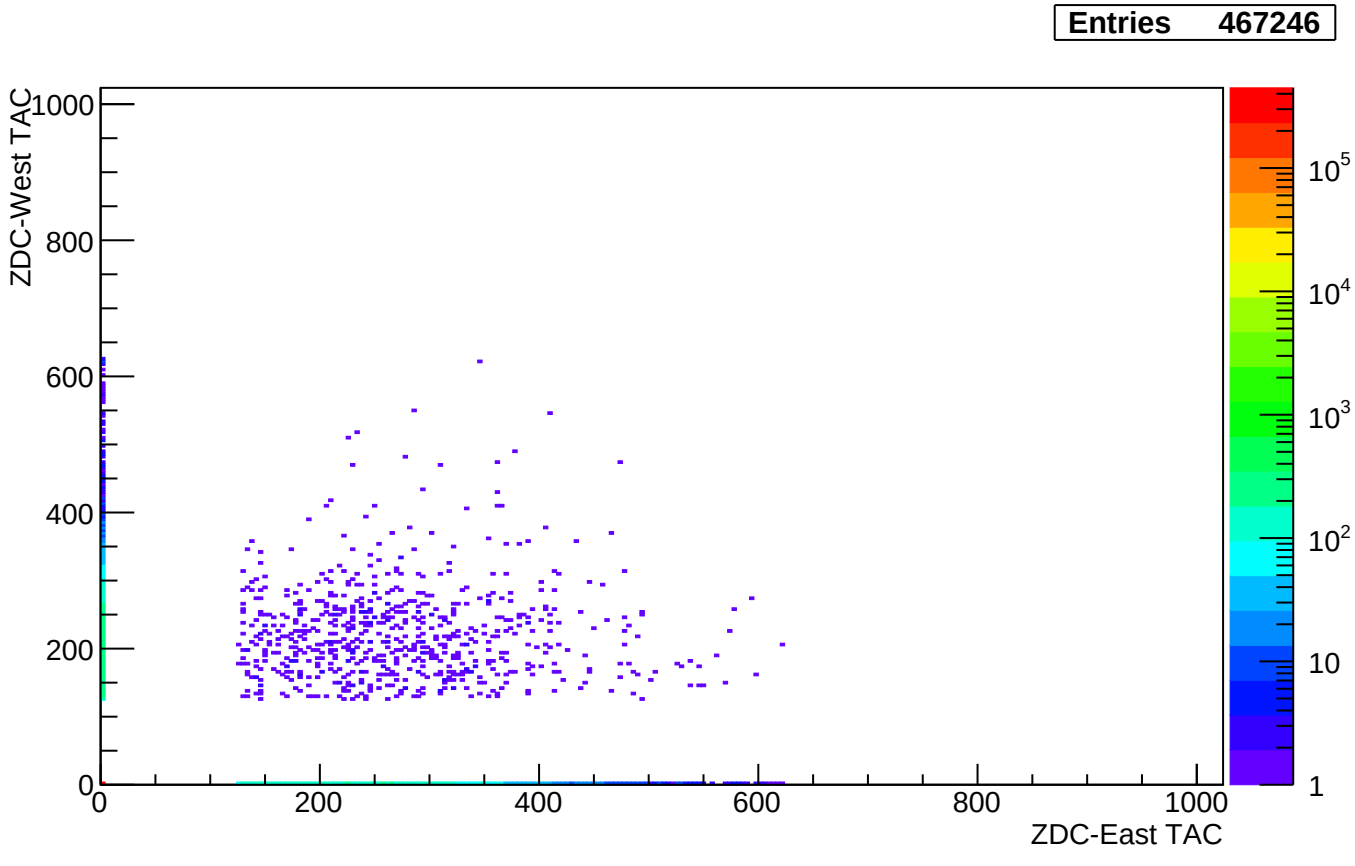

Entries 467246
TOF-Mult
VPD-East ADC Sum

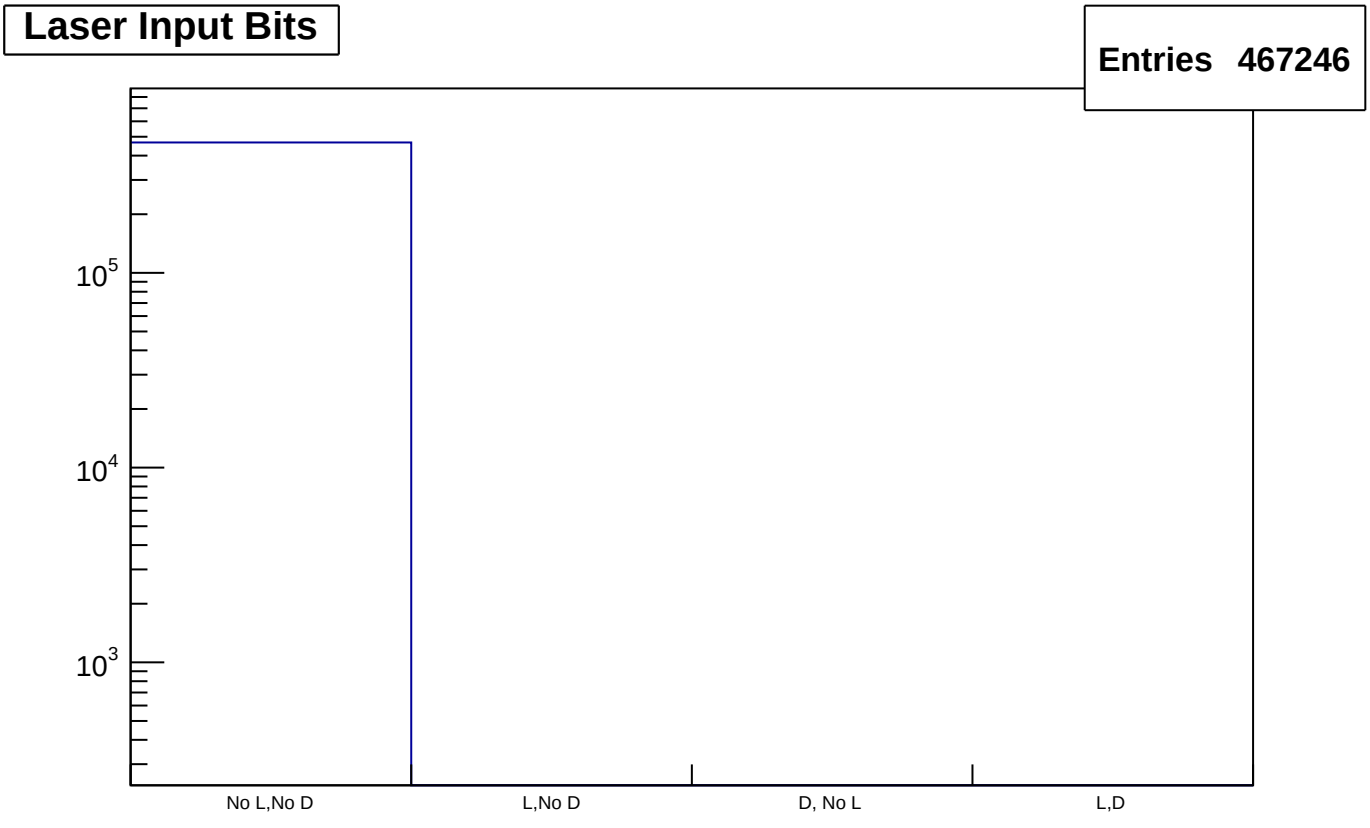

Entries 467246
TOF-Mult
VPD-West ADC Sum

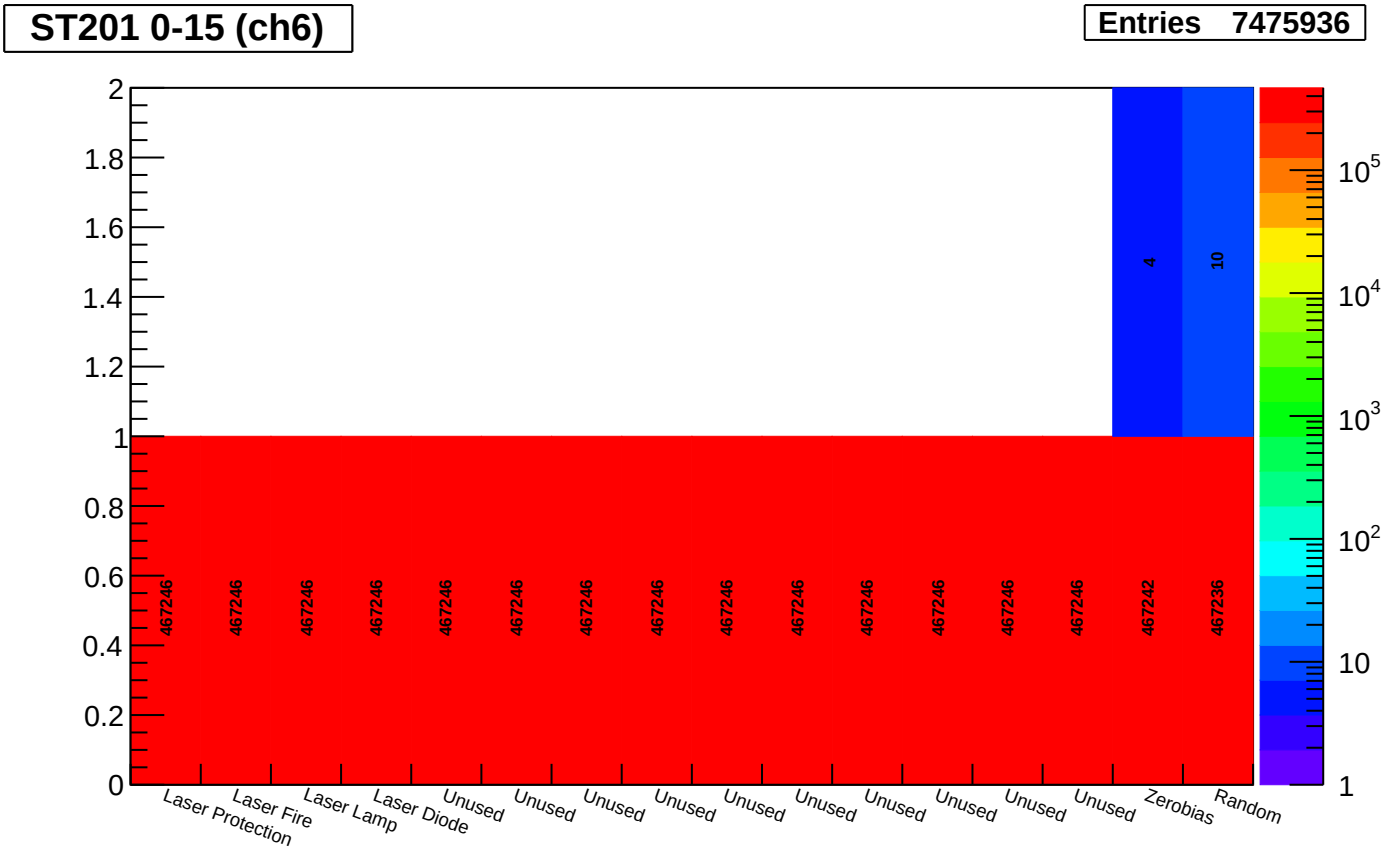

Entries 467246
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

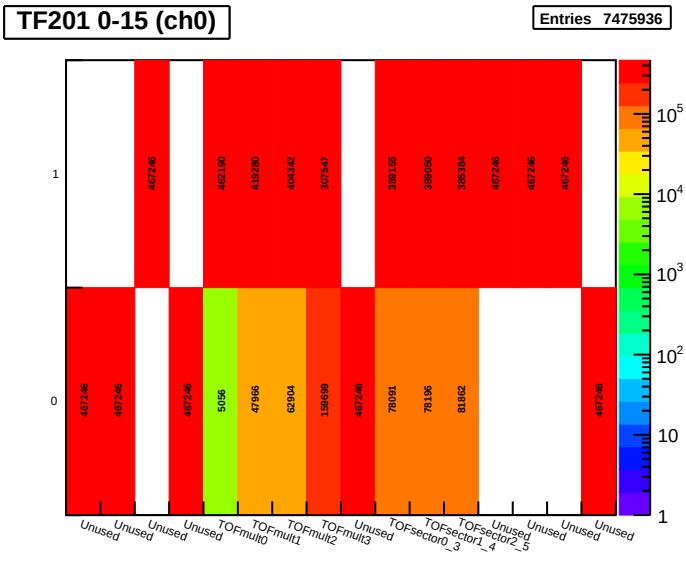

Entries 467246
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

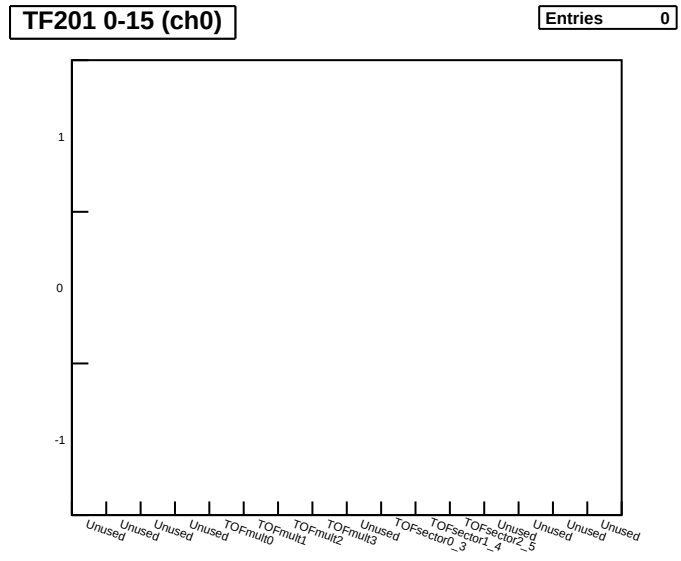

Entries 467246
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

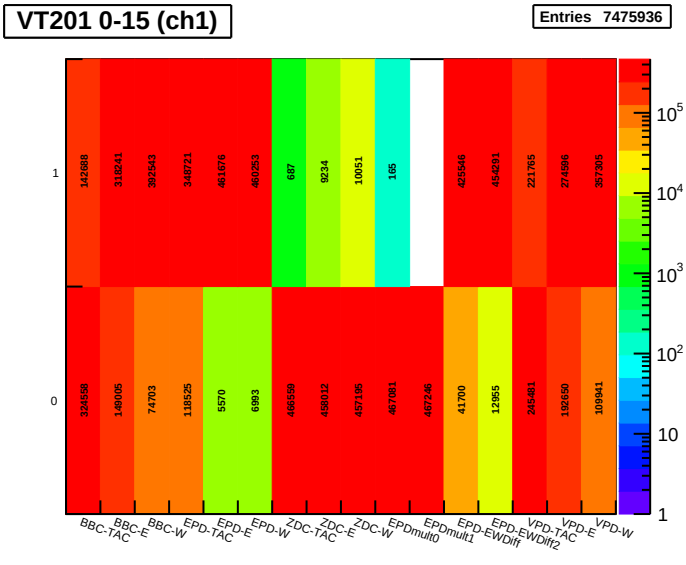

Entries 467246
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

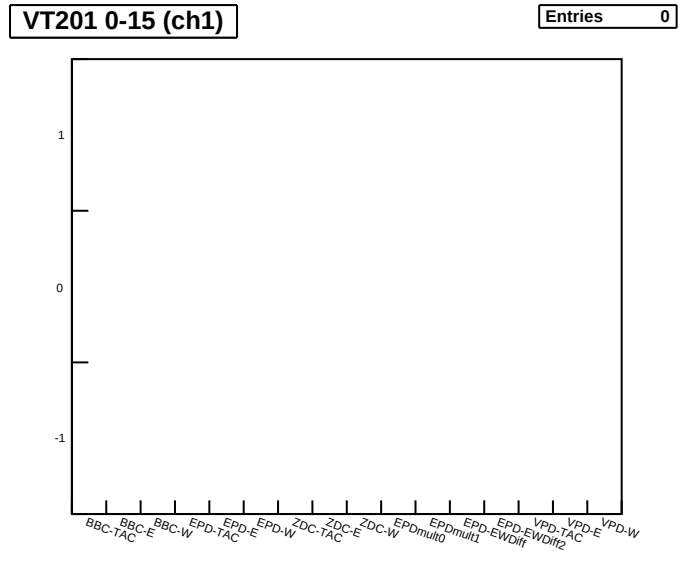

Laser Input Bits
Entries 467246
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

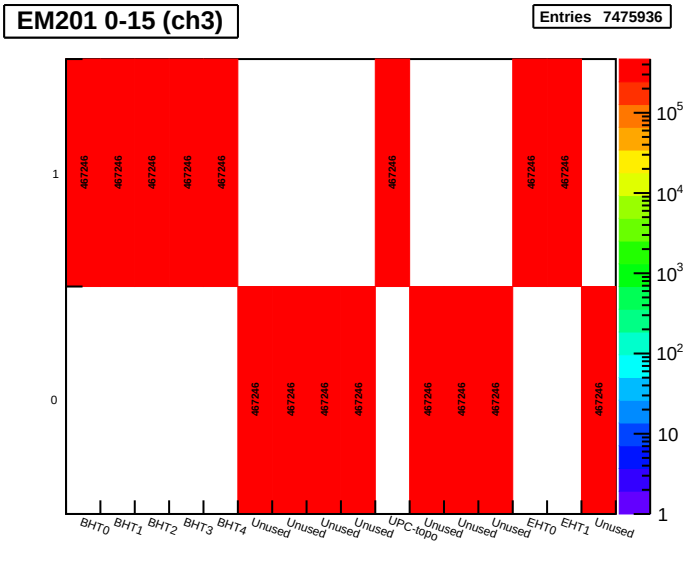

ST201 0-15 (ch6)
Entries 7475936
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
467246
467242
467236
4
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

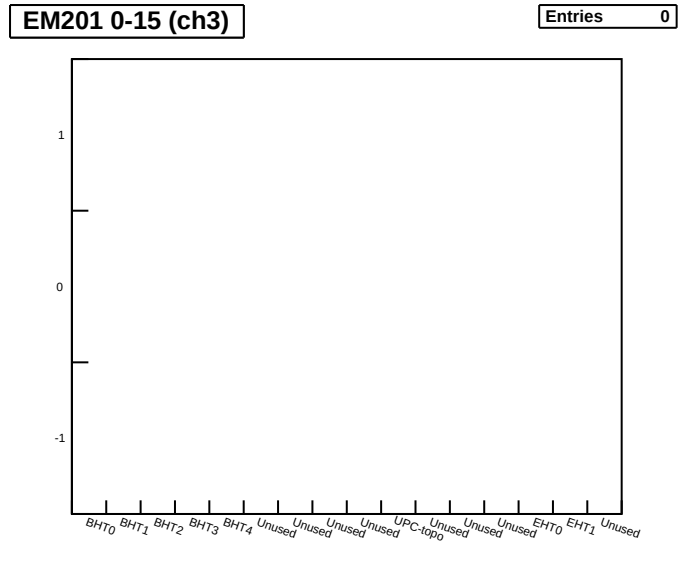

TF201 0-15 (ch0)
Entries 7475936
1
0
467246
462190
419280
404342
307547
389155
389050
385384
467246
467246
467246
467246
467246
5056
47966
62904
159699
78091
78196
81862
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7475936
1
0
142688
318241
392543
348721
461676
460253
687
9234
10051
165
425546
454291
221765
274596
357305
324558
149005
74703
118525
5570
6993
466559
459012
457195
467081
467246
41700
12955
245481
192650
109941
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 7475936
1
0
467246
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