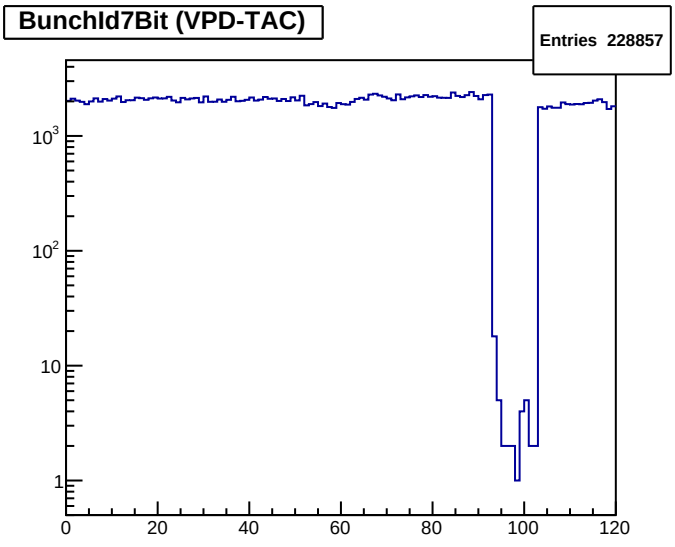
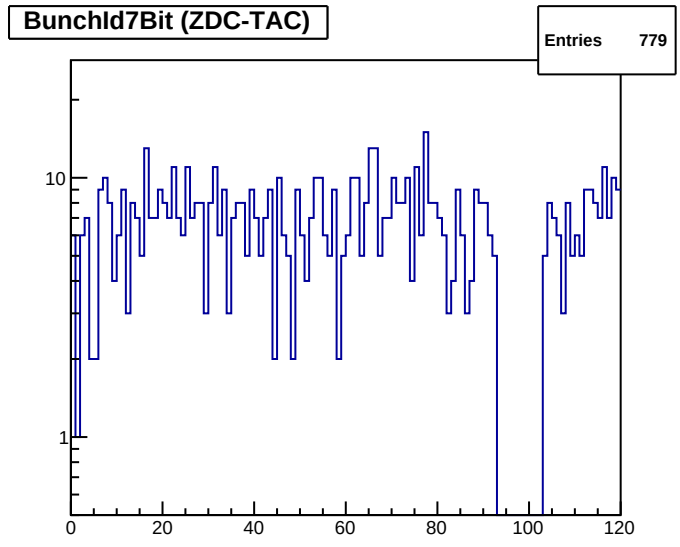
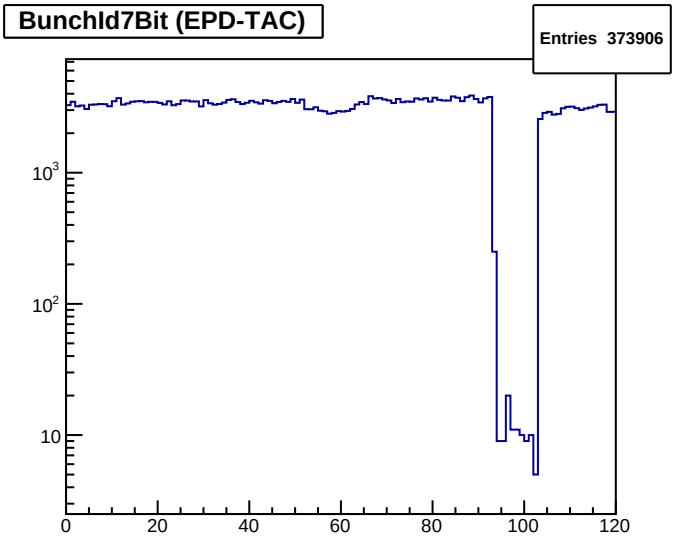
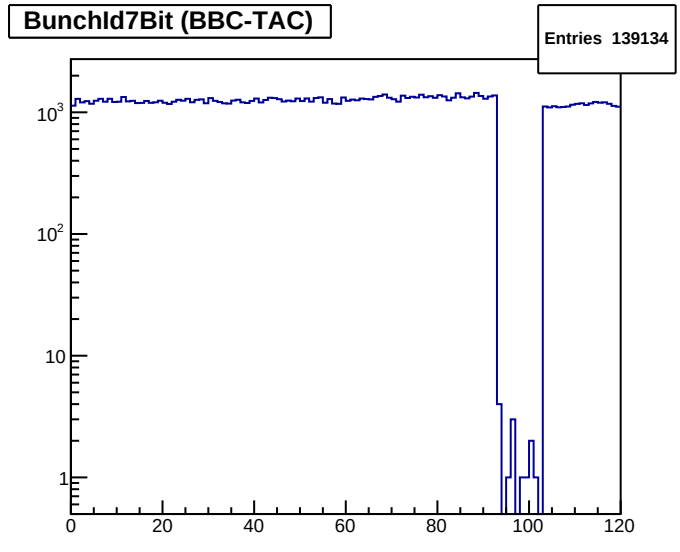
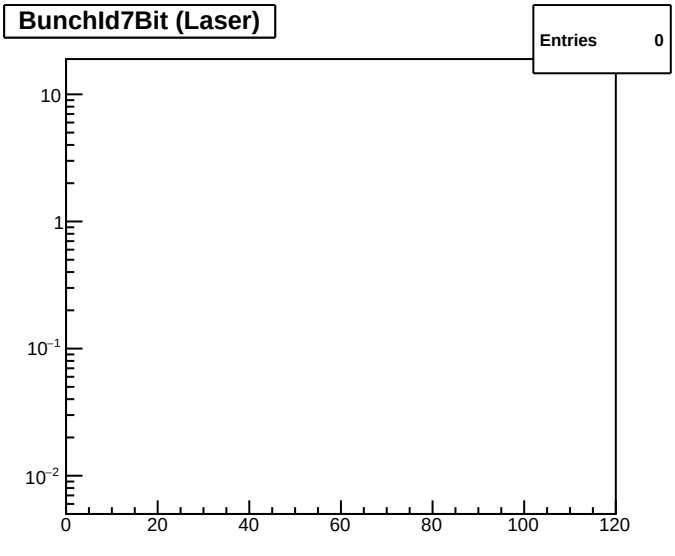
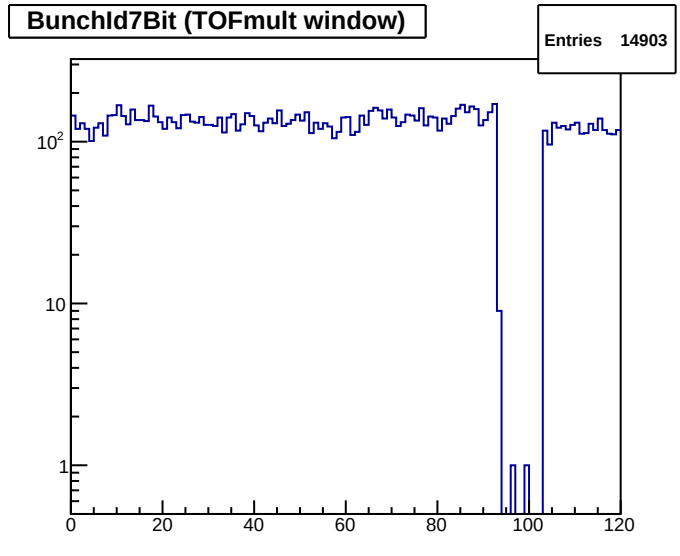

BunchId7Bit (VPD-TAC)
Entries 228857

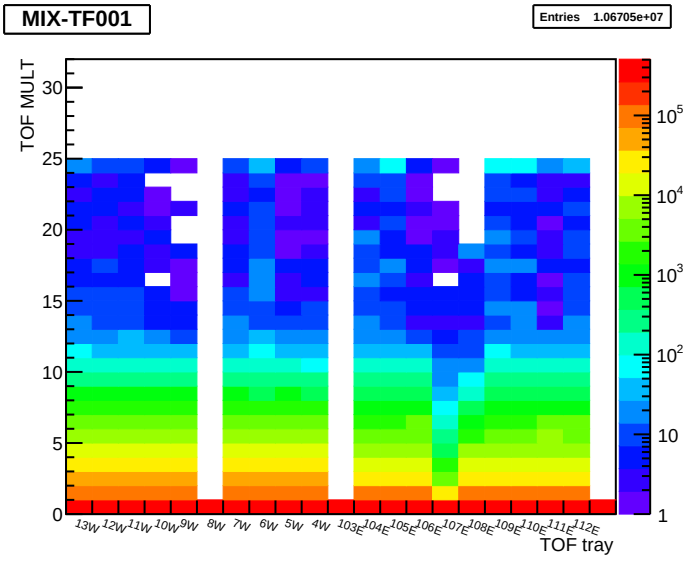

BunchId7Bit (ZDC-TAC)
Entries 779

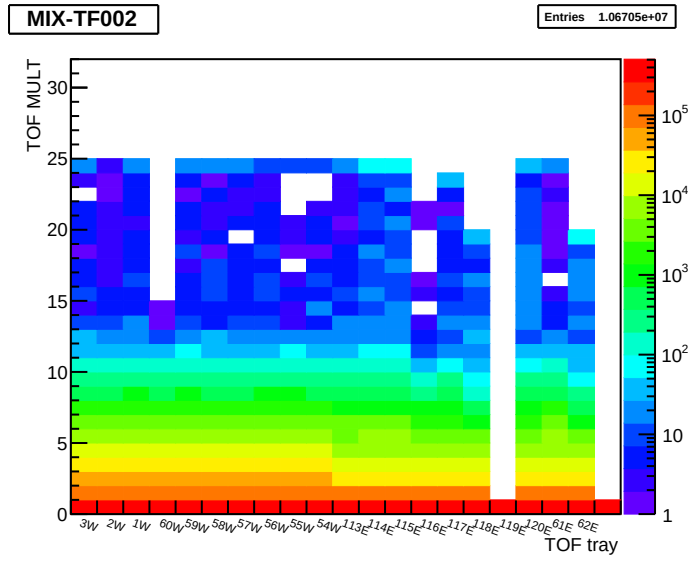

BunchId7Bit (EPD-TAC)
Entries 373906

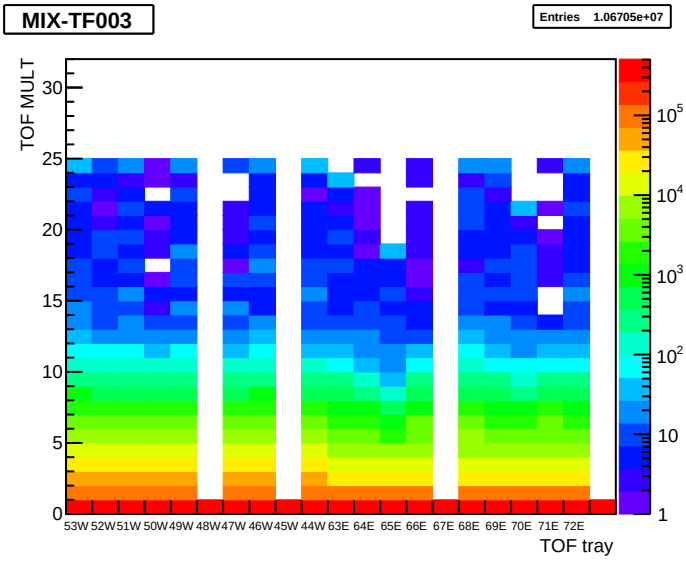

BunchId7Bit (BBC-TAC)
Entries 139134

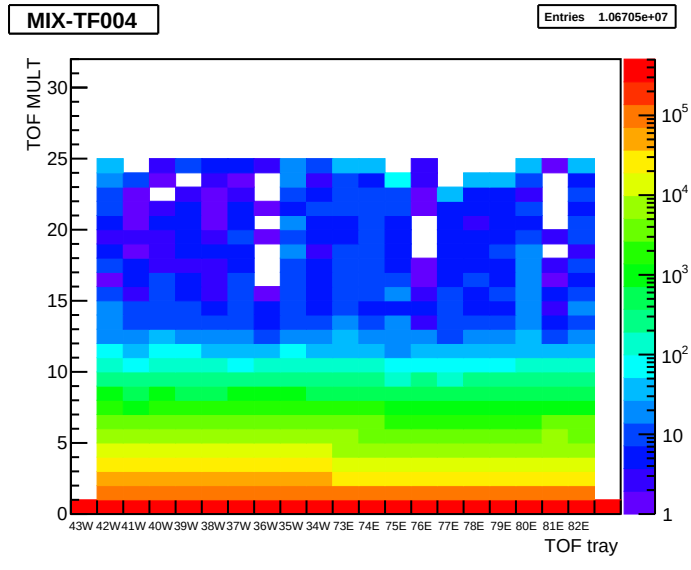

BunchId7Bit (Laser)
Entries 0

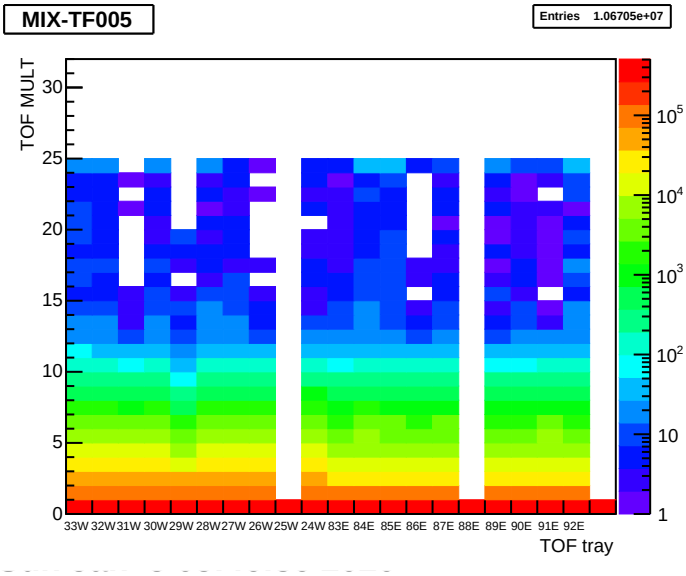

BunchId7Bit (TOFmult window)
Entries 14903

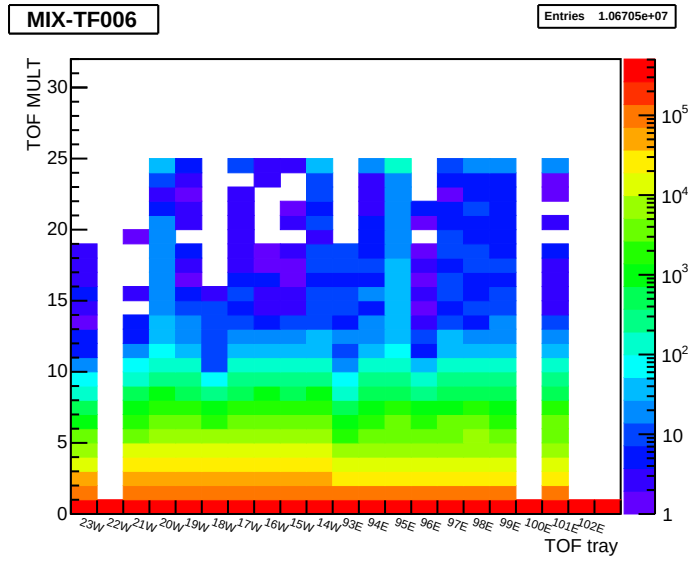

MIX-TF001
Entries 1.06705e+07
TOF MULT
TOF tray

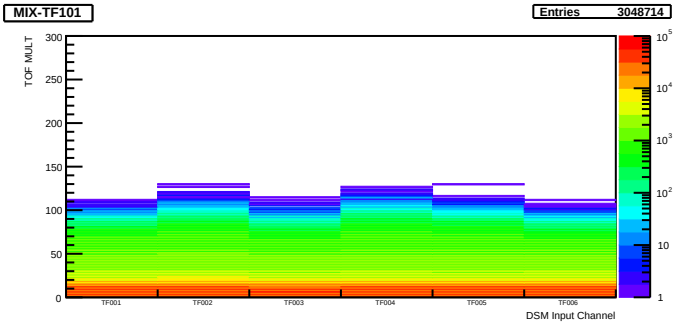

MIX-TF002
Entries 1.06705e+07
TOF MULT
TOF tray

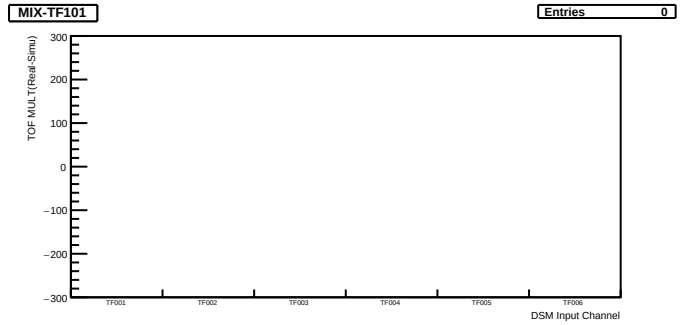

MIX-TF003
Entries 1.06705e+07
TOF MULT
TOF tray

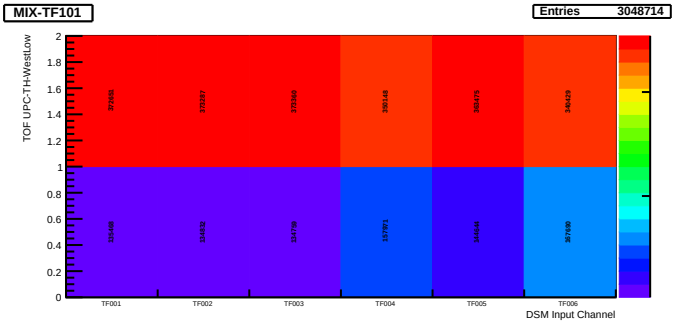

MIX-TF004
Entries 1.06705e+07
TOF MULT
TOF tray

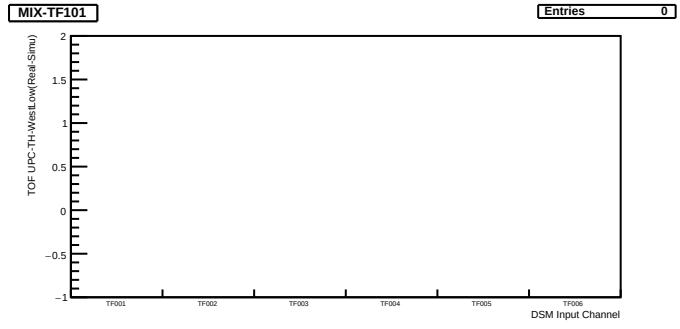

MIX-TF005
Entries 1.06705e+07
TOF MULT
TOF tray

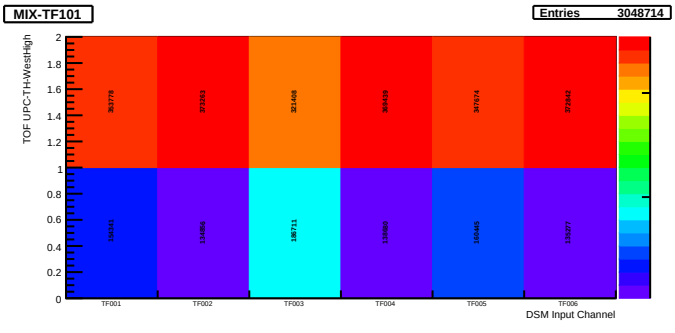

MIX-TF006
Entries 1.06705e+07
TOF MULT
TOF tray

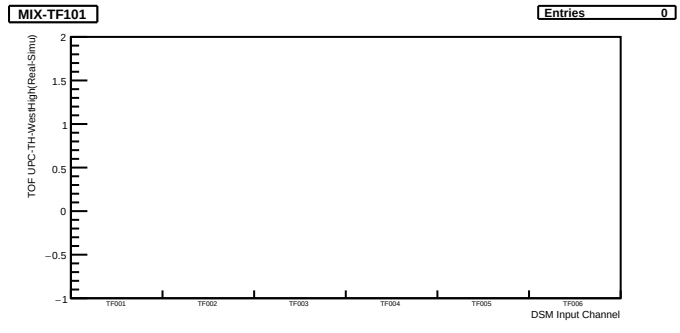

MIX-TF101
Entries 3048714
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

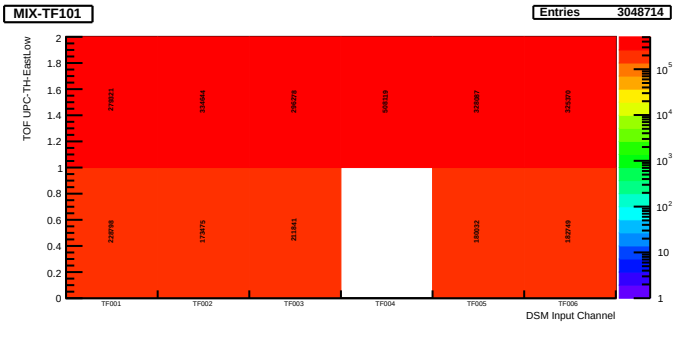

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

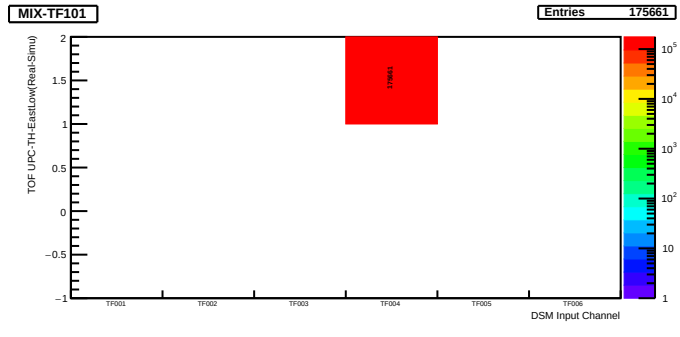

MIX-TF101
Entries 3048714
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

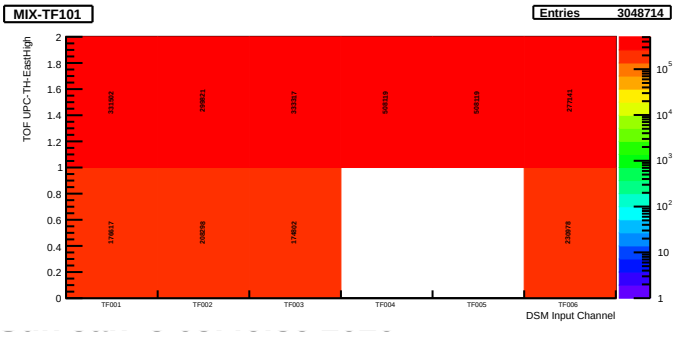

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

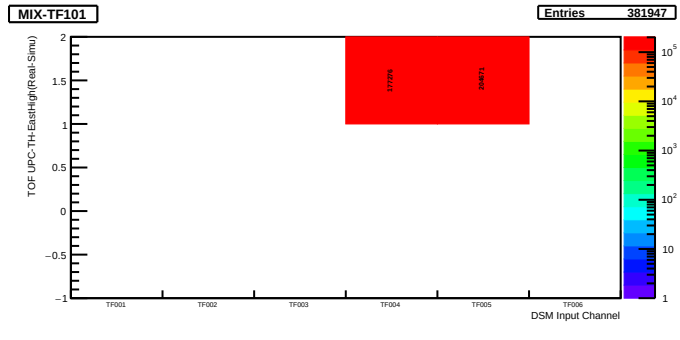

MIX-TF101
Entries 3048714
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

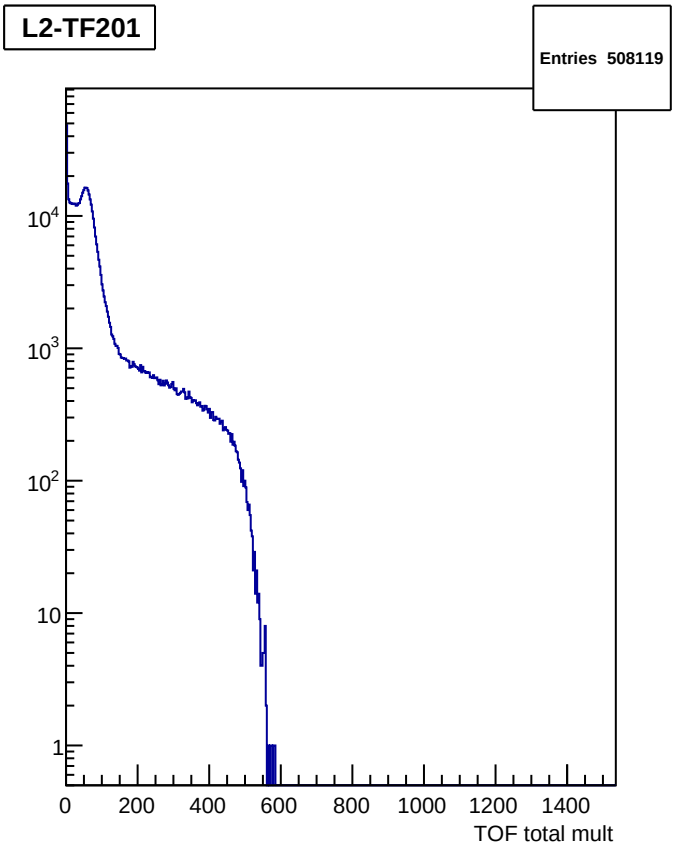

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

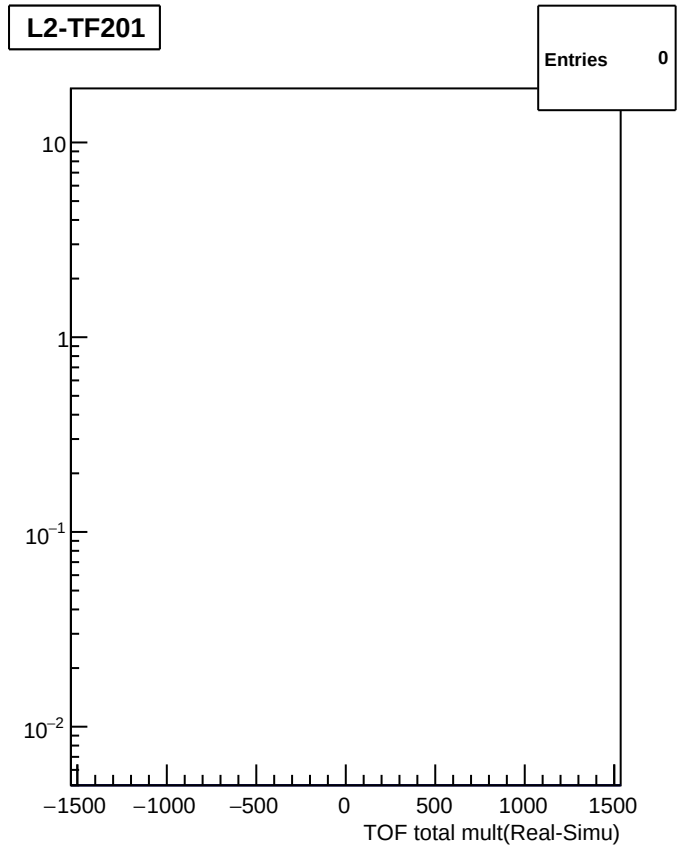

MIX-TF101
Entries 3048714
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

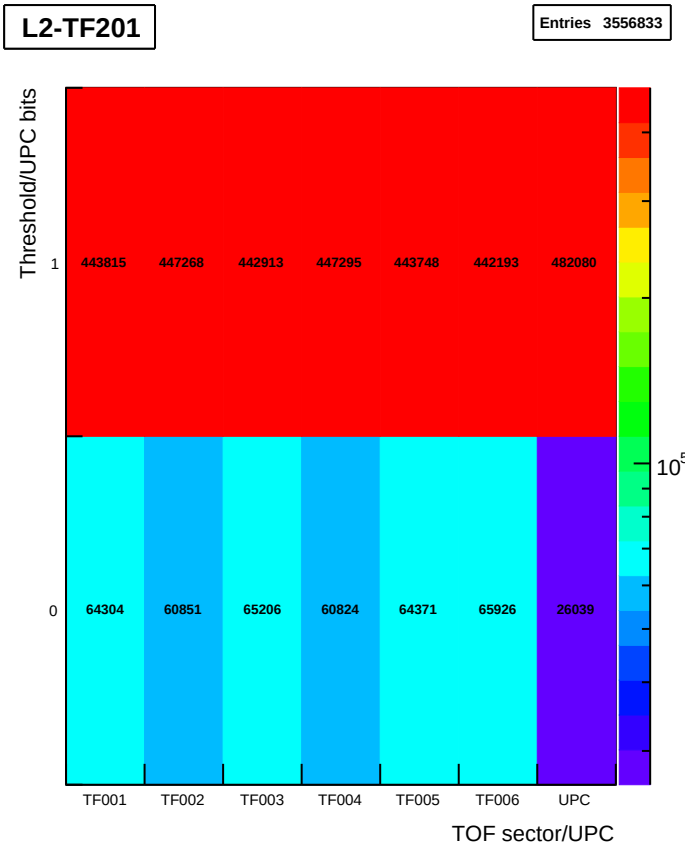

MIX-TF101
Entries 175661
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

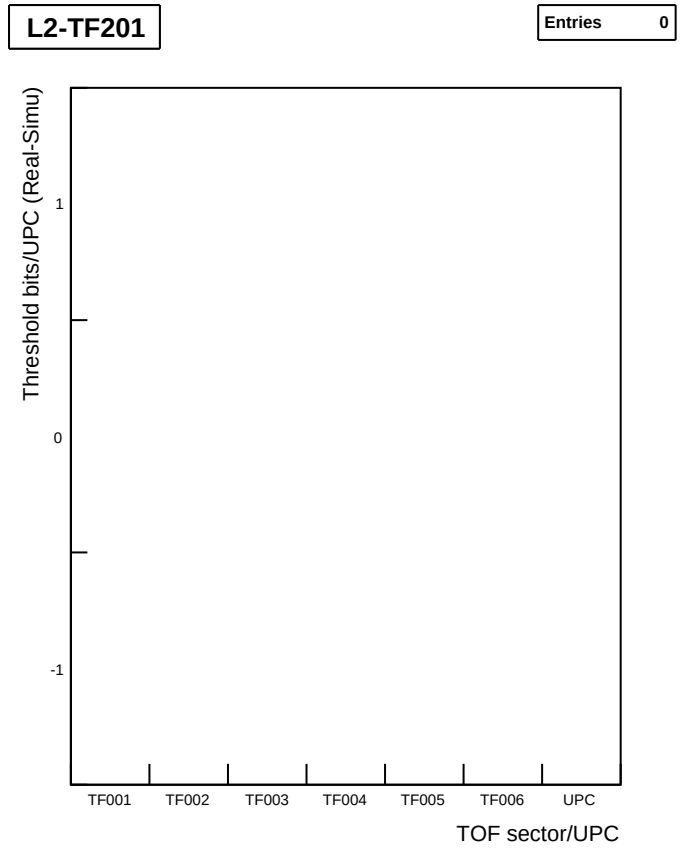

MIX-TF101
Entries 3048714
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

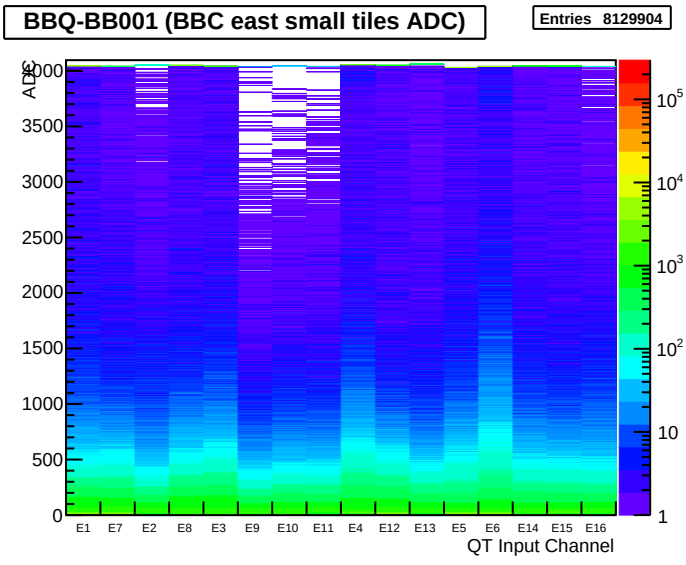

MIX-TF101
Entries 381947
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

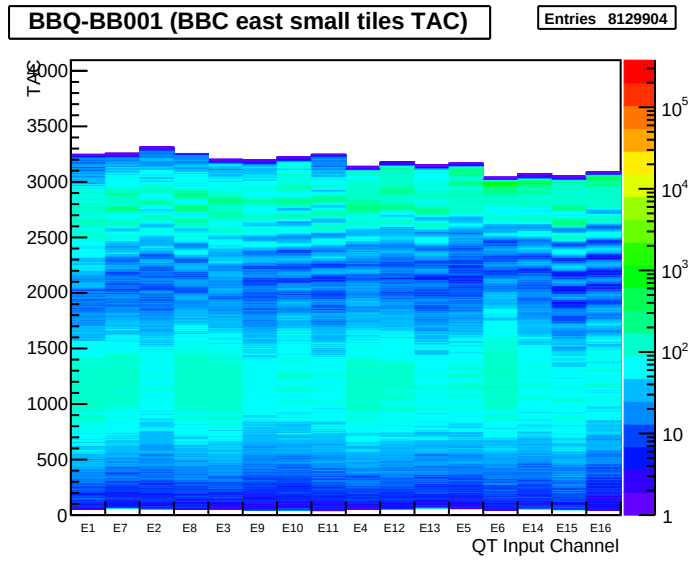

L2-TF201
Entries 508119
TOF total mult

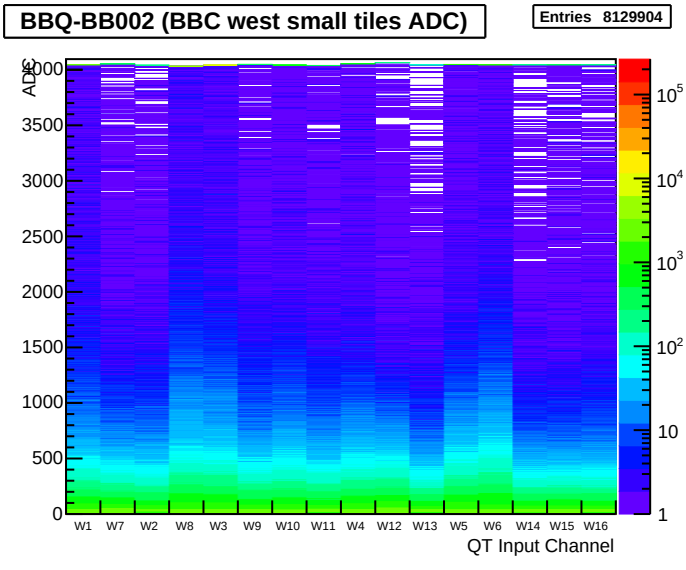

L2-TF201
Entries 0
TOF total mult(Real-Simu)

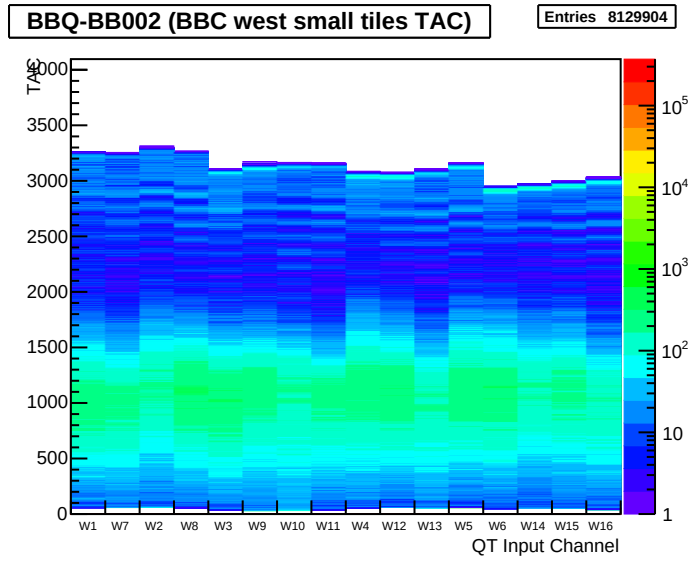

L2-TF201
Entries 3556833
Threshold/UPC bits
443815
447268
442913
447295
443748
442193
482080
64304
60851
65206
60824
64371
65926
26039
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

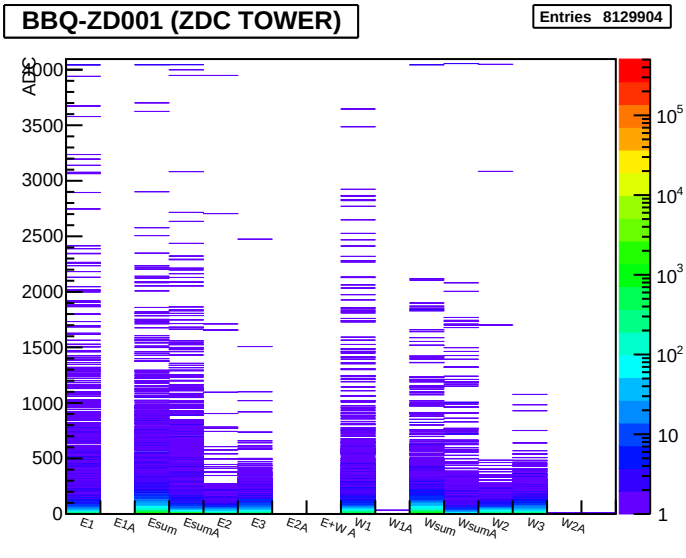

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

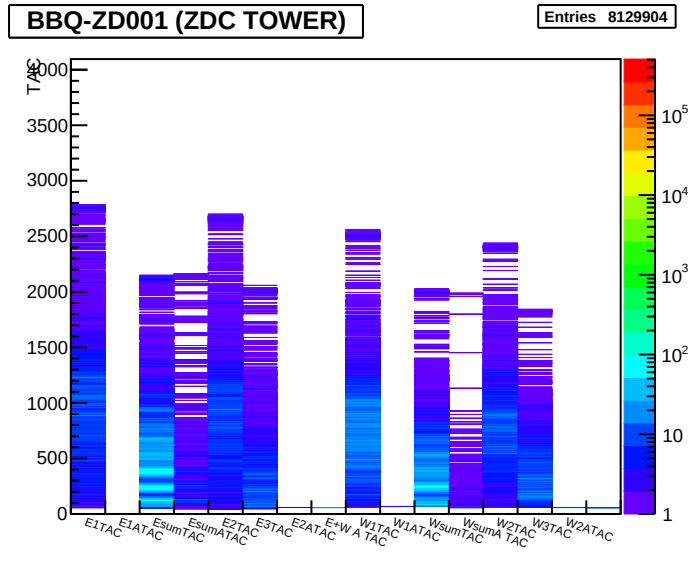

BBQ-BB001 (BBC east small tiles ADC)
Entries 8129904
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

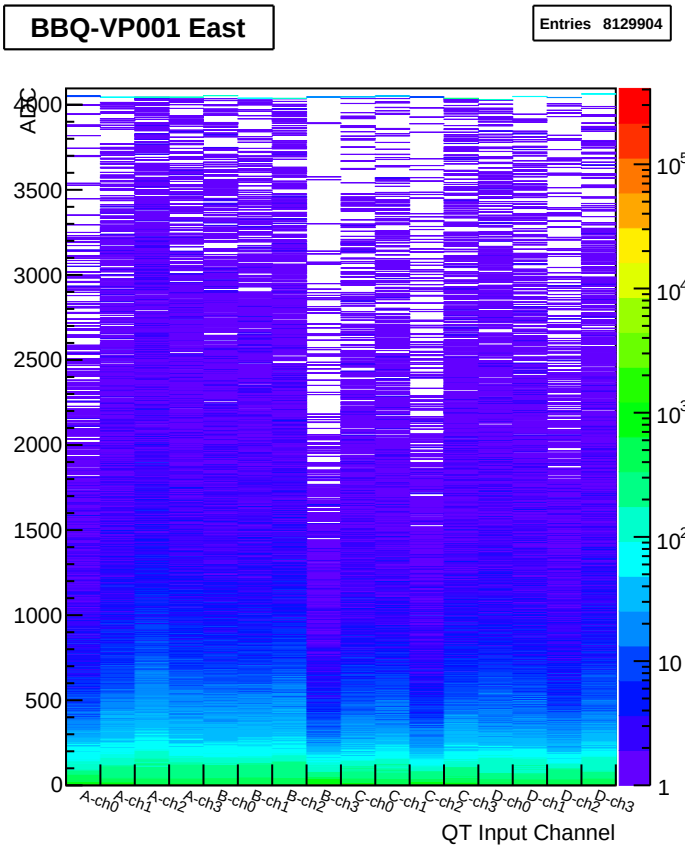

BBQ-BB001 (BBC east small tiles TAC)
Entries 8129904
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

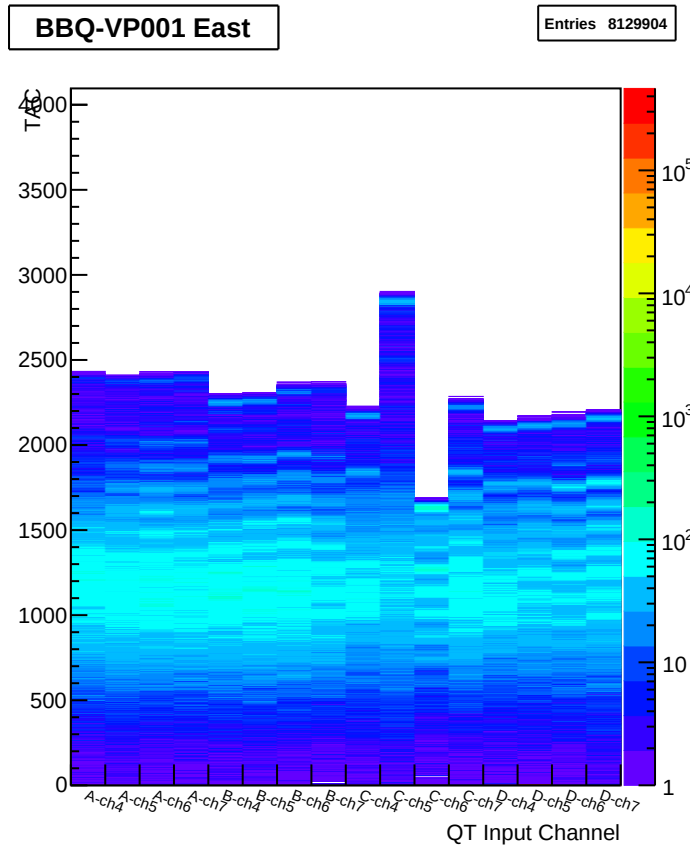

BBQ-BB002 (BBC west small tiles ADC)
Entries 8129904
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

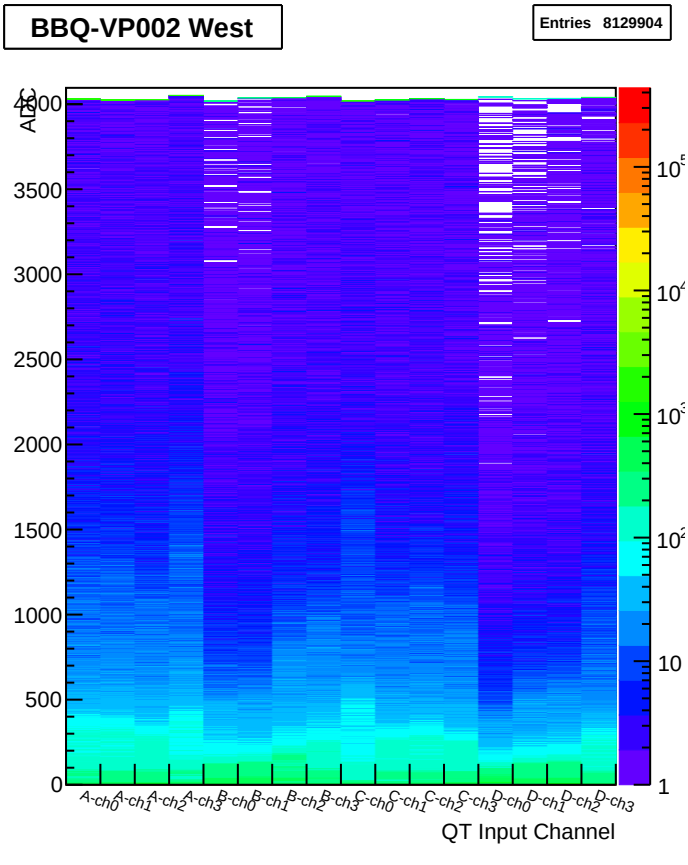

BBQ-BB002 (BBC west small tiles TAC)
Entries 8129904
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

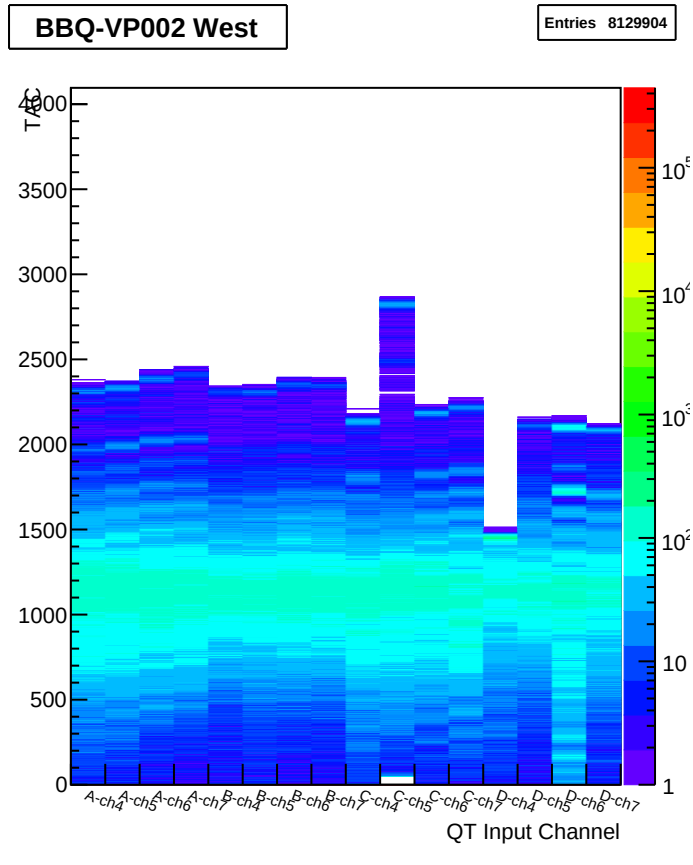

BBQ-ZD001 (ZDC TOWER)
Entries 8129904
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

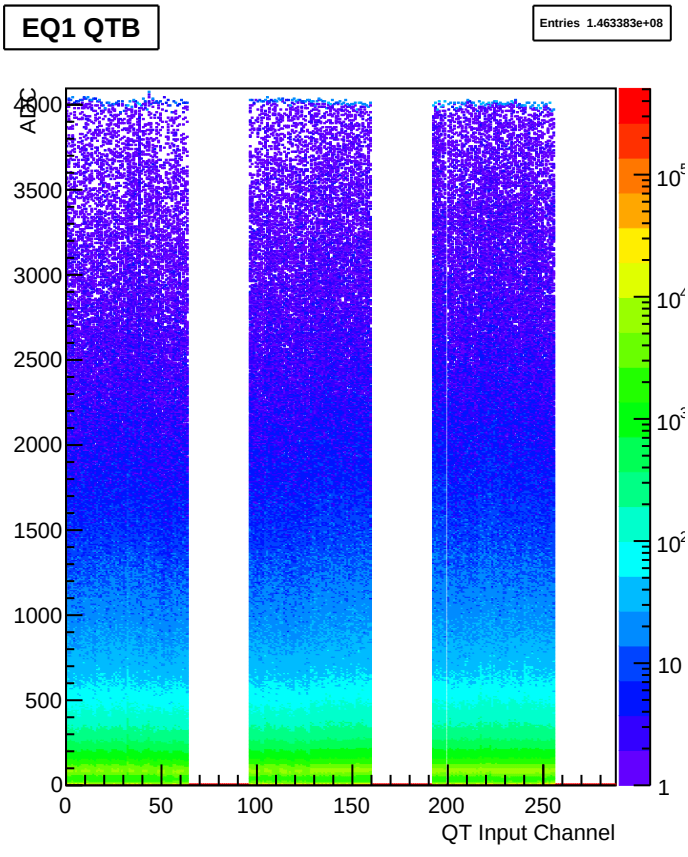

BBQ-ZD001 (ZDC TOWER)
Entries 8129904
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

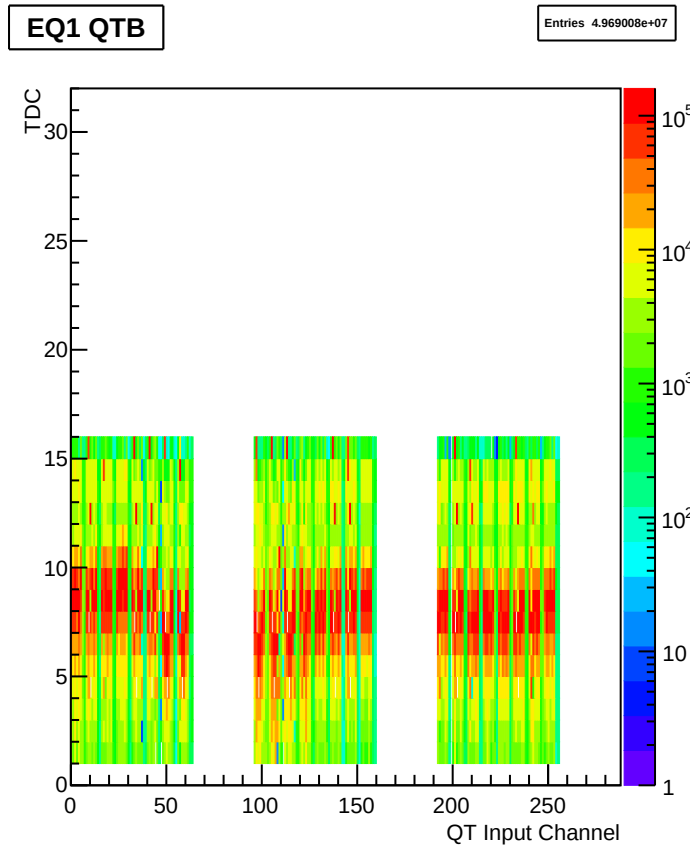

BBQ-VP001 East
Entries 8129904
ADC
QT Input Channel

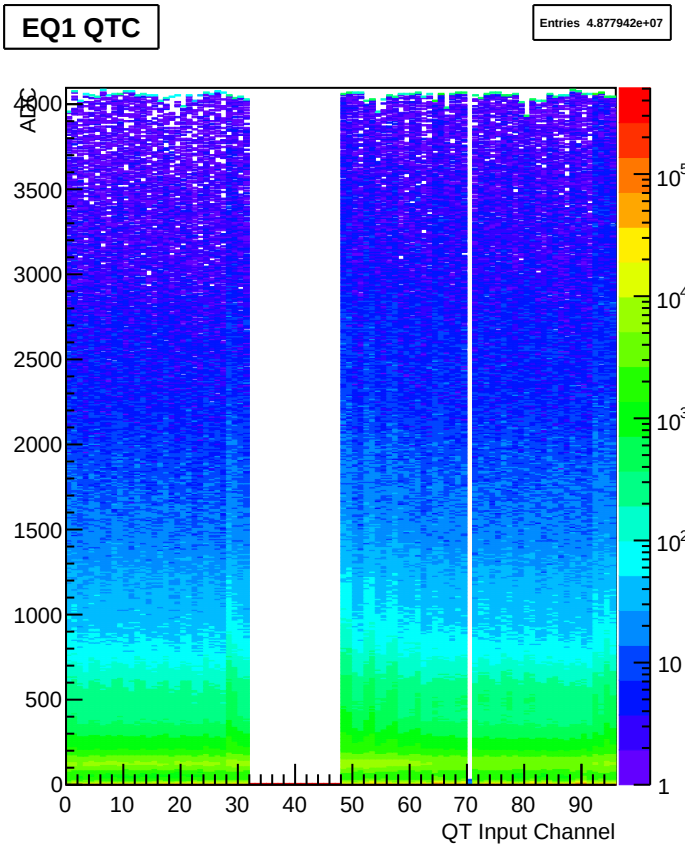

BBQ-VP001 East
Entries 8129904
TADC
QT Input Channel

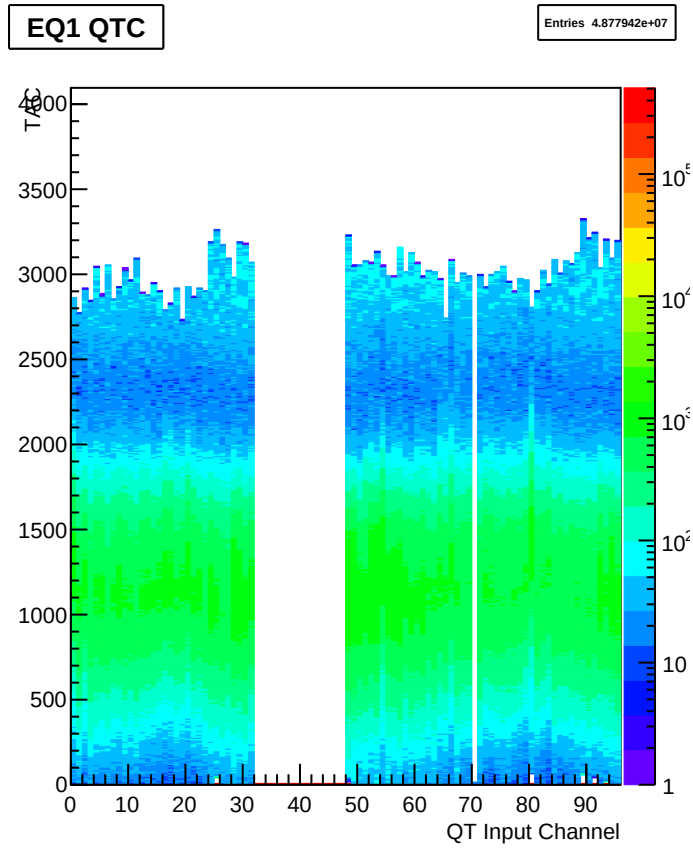

BBQ-VP002 West
Entries 8129904
ADC
QT Input Channel

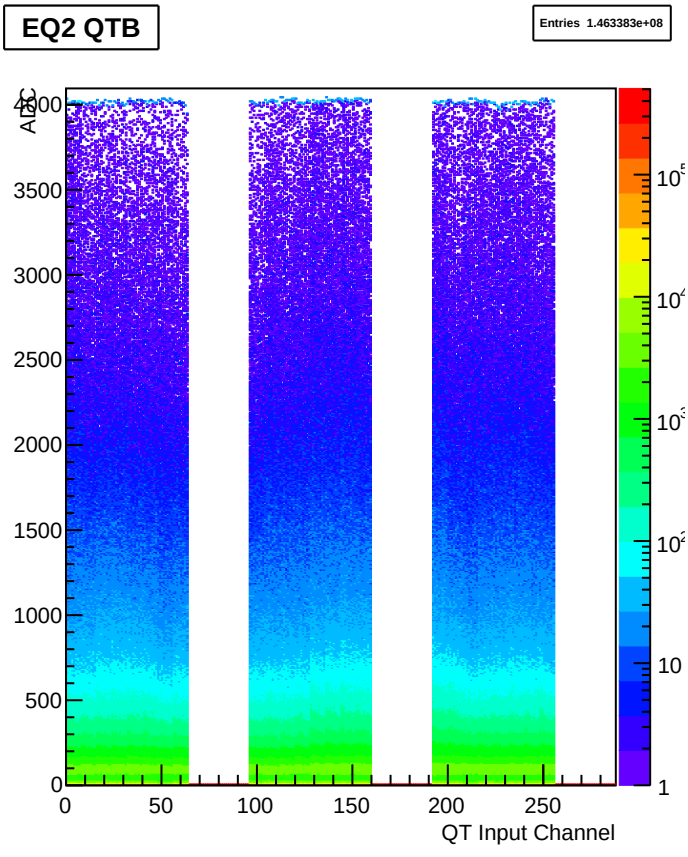

BBQ-VP002 West
Entries 8129904
TADC
QT Input Channel

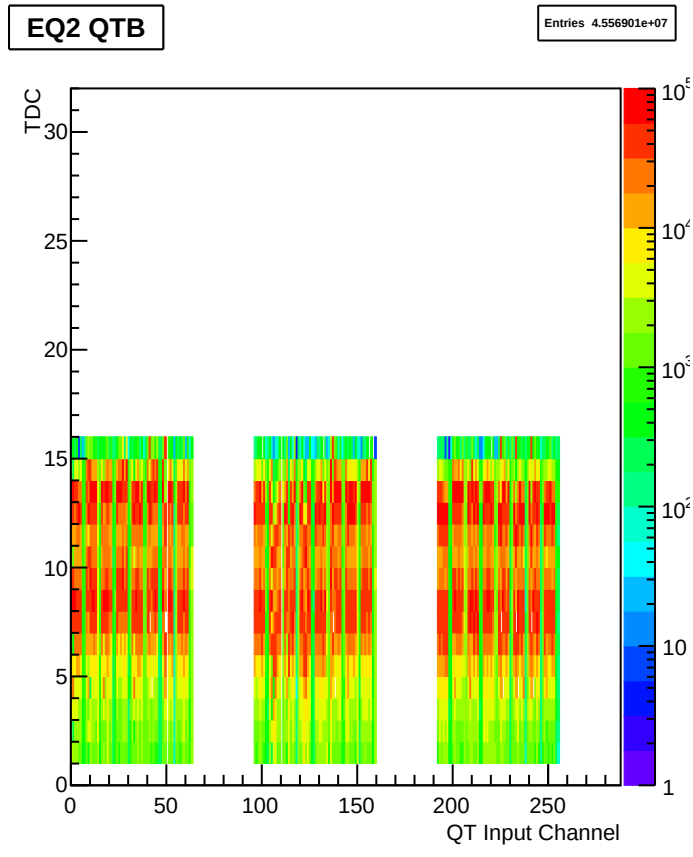

EQ1 QTB
Entries 1.463383e+08
ADC
QT Input Channel

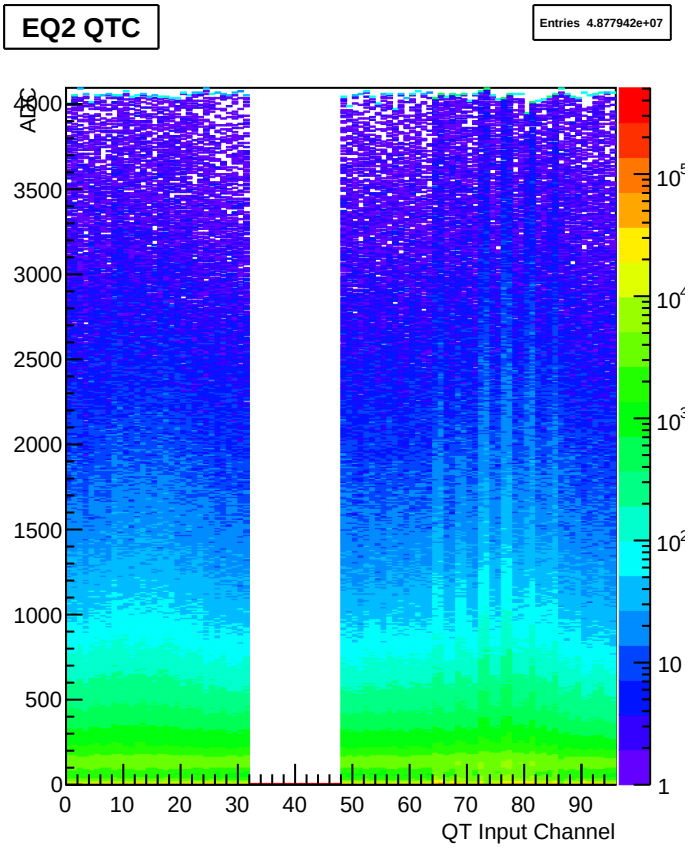

EQ1 QTB
Entries 4.969008e+07
TDC
QT Input Channel

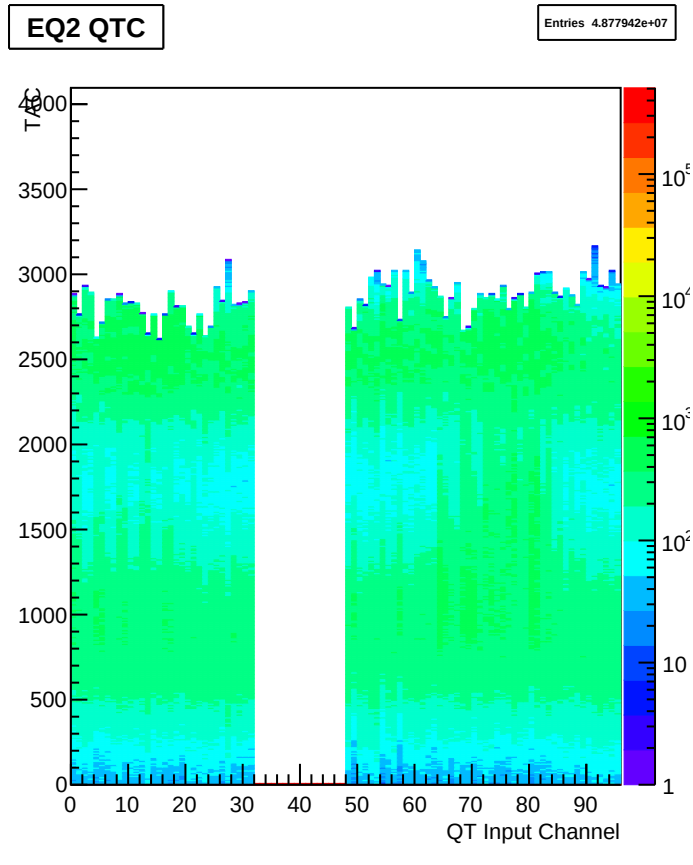

EQ1 QTC
Entries 4.877942e+07
ADC
QT Input Channel

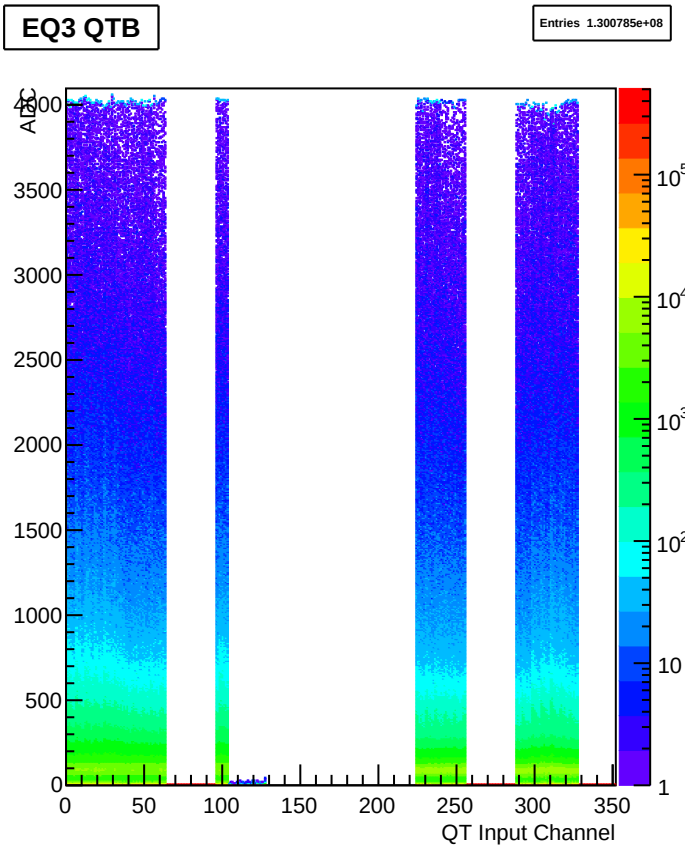

EQ1 QTC
Entries 4.877942e+07
TADC
QT Input Channel

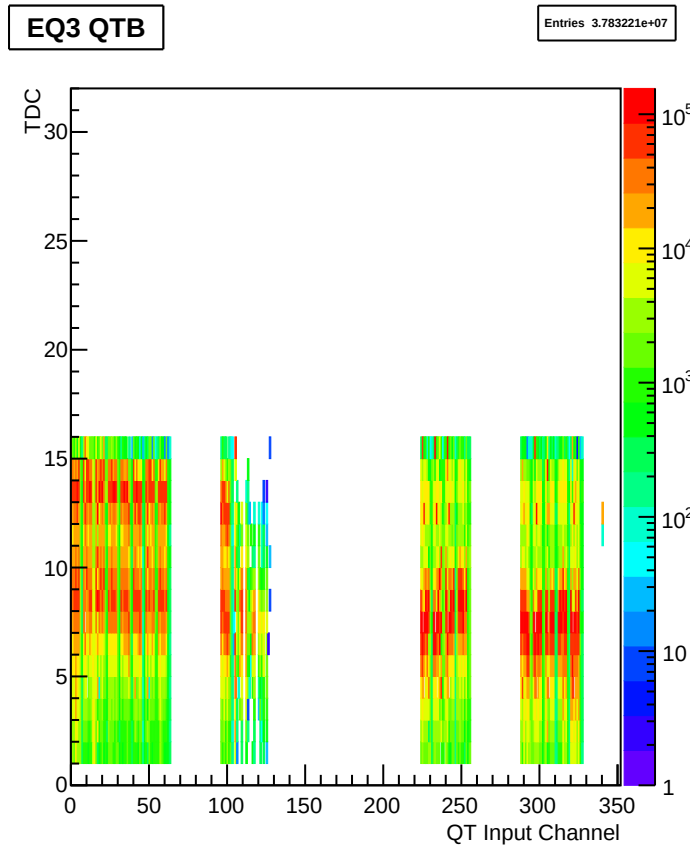

EQ2 QTB
Entries 1.463383e+08
ADC
QT Input Channel

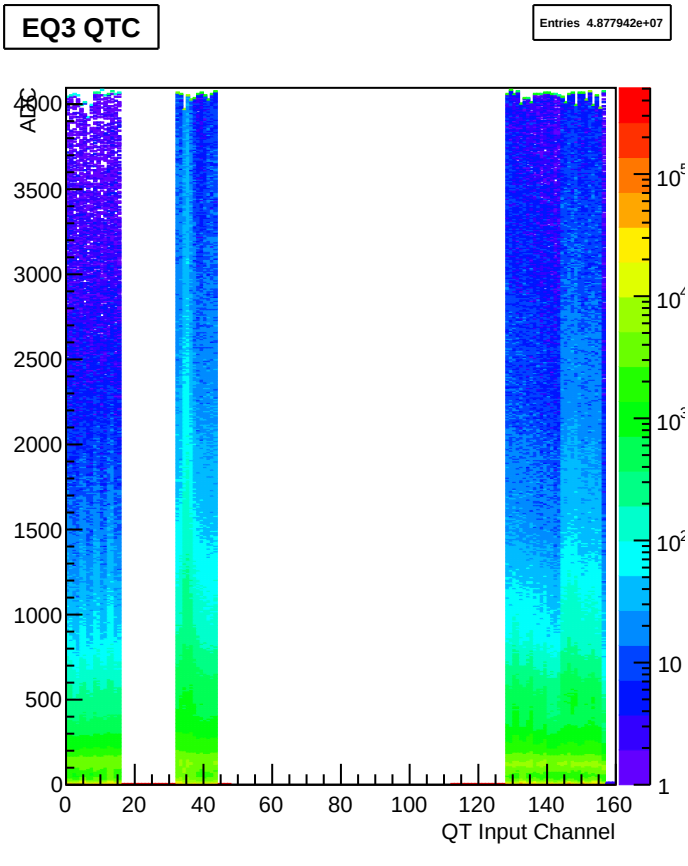

EQ2 QTB
Entries 4.556901e+07
TDC
QT Input Channel

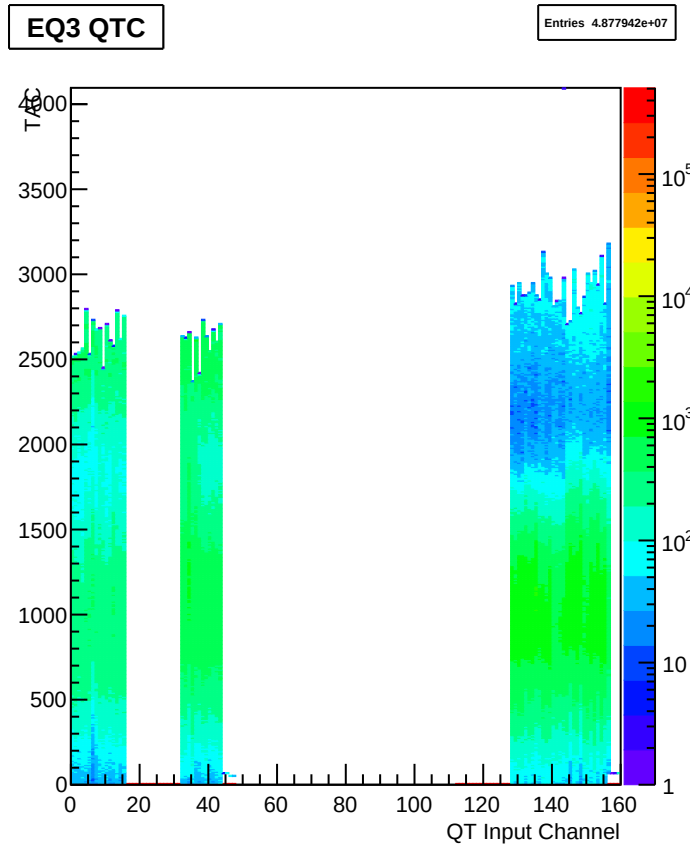

EQ2 QTC
Entries 4.877942e+07
ADC
QT Input Channel

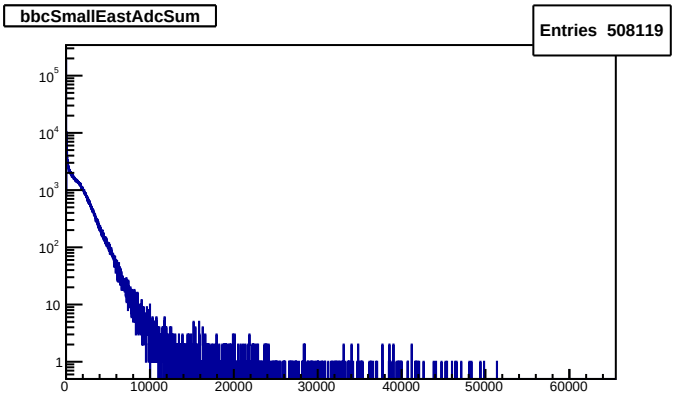

EQ2 QTC
Entries 4.877942e+07
TADC
QT Input Channel

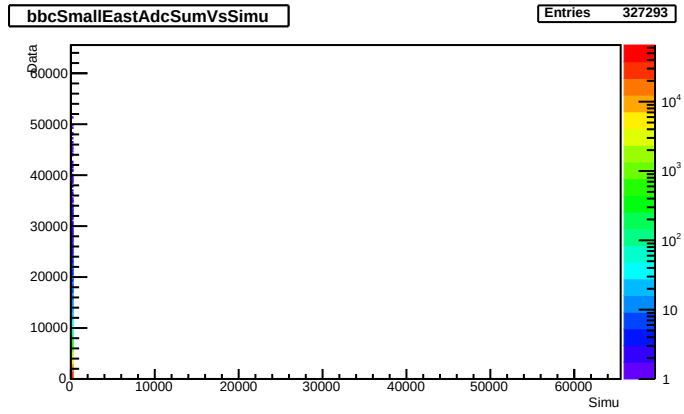

EQ3 QTB
Entries 1.300785e+08
ADC
QT Input Channel

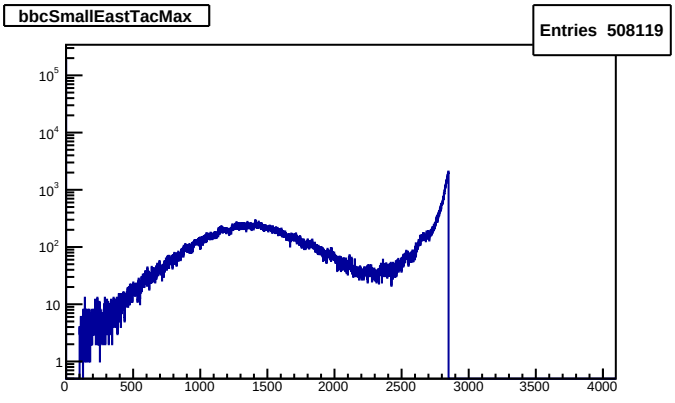

EQ3 QTB
Entries 3.783221e+07
TDC
QT Input Channel

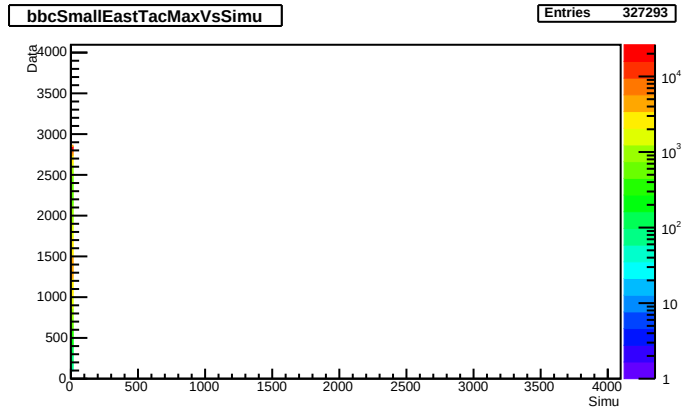

EQ3 QTC
Entries 4.877942e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.877942e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 508119


bbcSmallEastAdcSumVsSimu
Entries 327293
Data
Simu


bbcSmallEastTacMax
Entries 508119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Entries 327293
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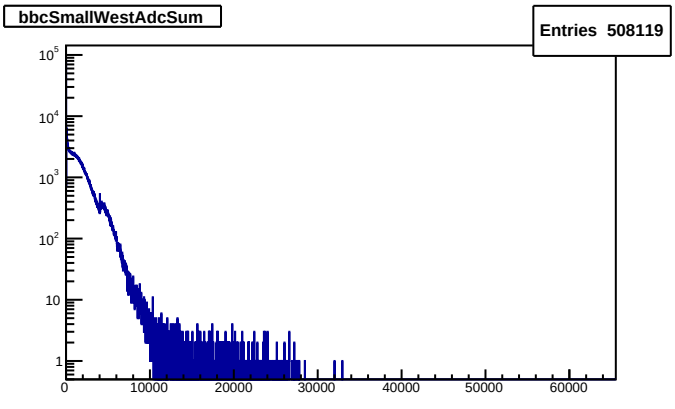
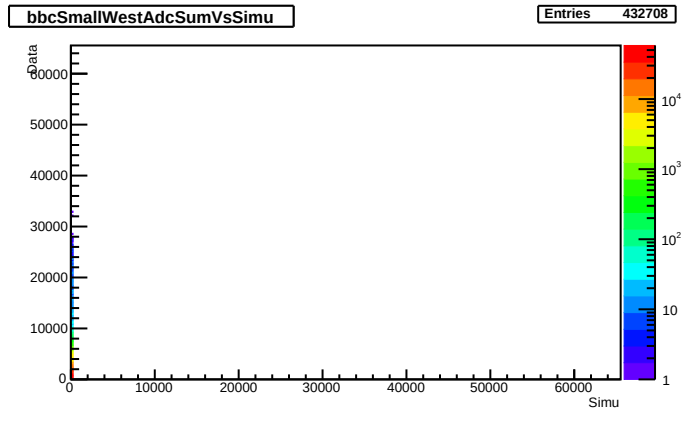

bbcSmallWestAdcSum
Entries 508119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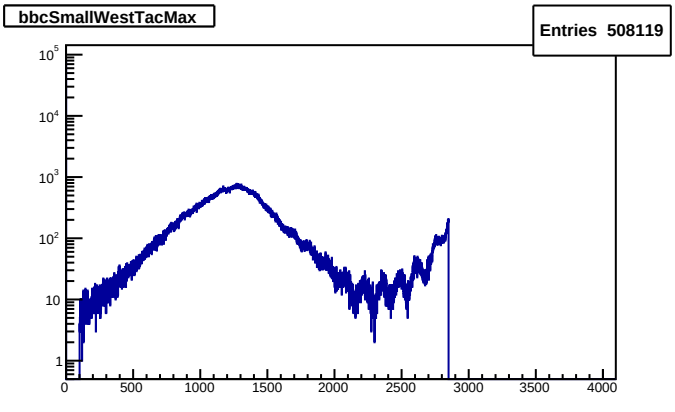
Entries 432708
Data
Simu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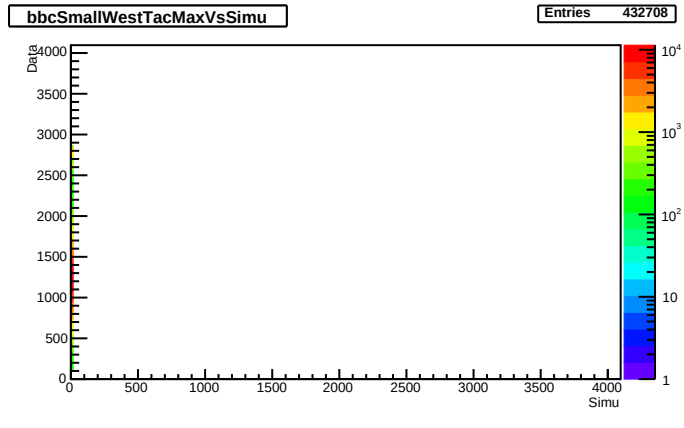
Entries 508119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Entries 432708
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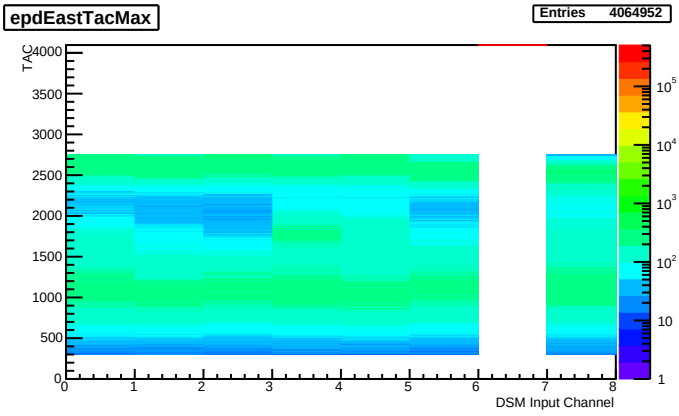
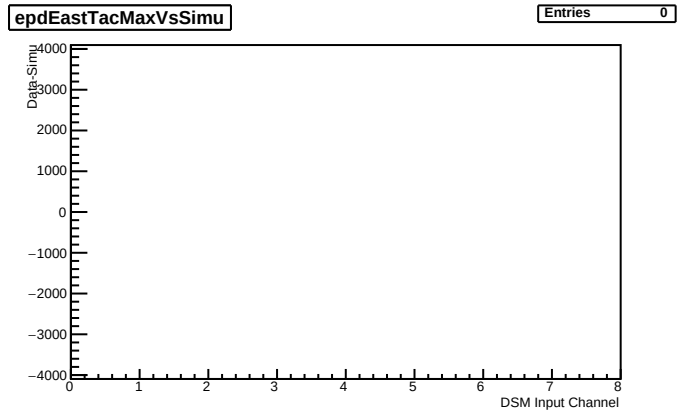
Simu


epdEastTacMax
Entries 4064952
TAC
DSM Input Channel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Entries 0
Data-Simu
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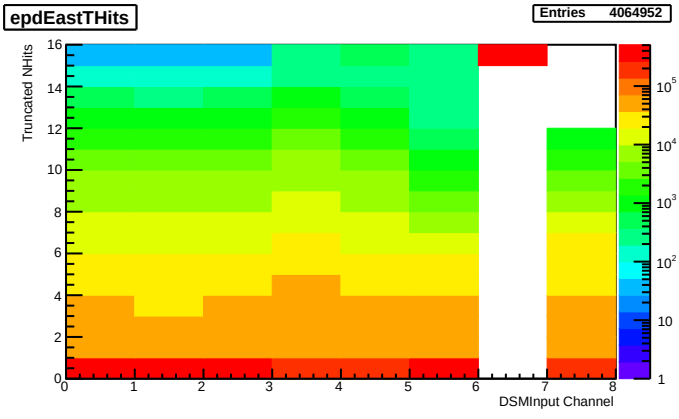
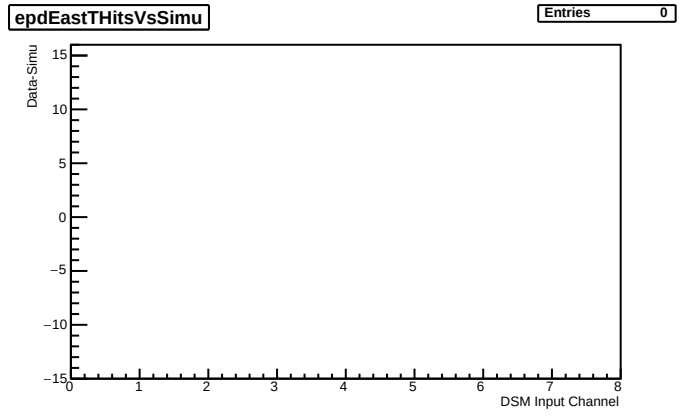

epdEastTHits
Entries 4064952
Truncated NHits
DSMInput Channel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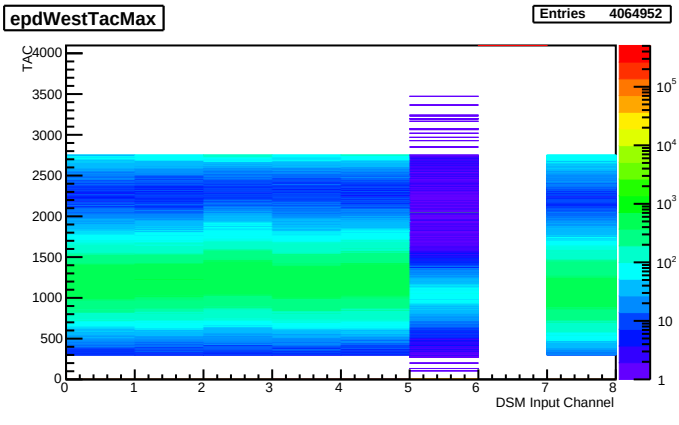
Data-Simu
DSM Input Channel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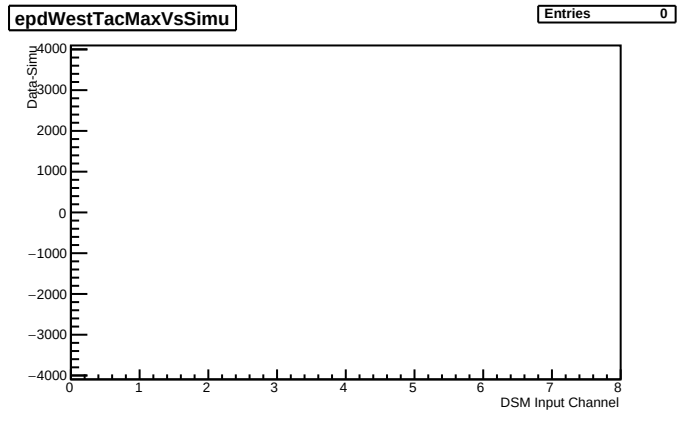
Entries 4064952
TAC
DSM Input Channel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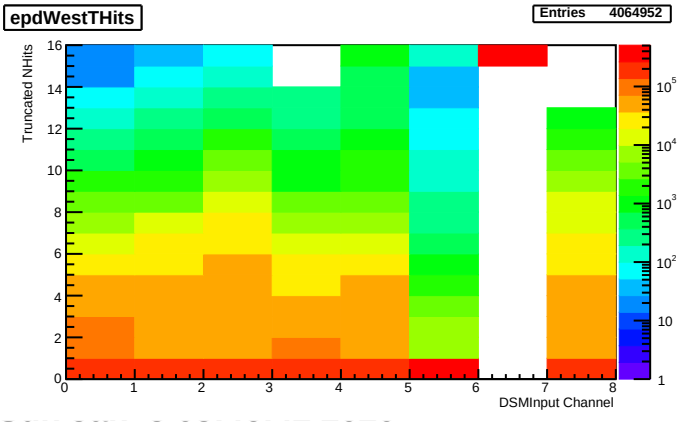
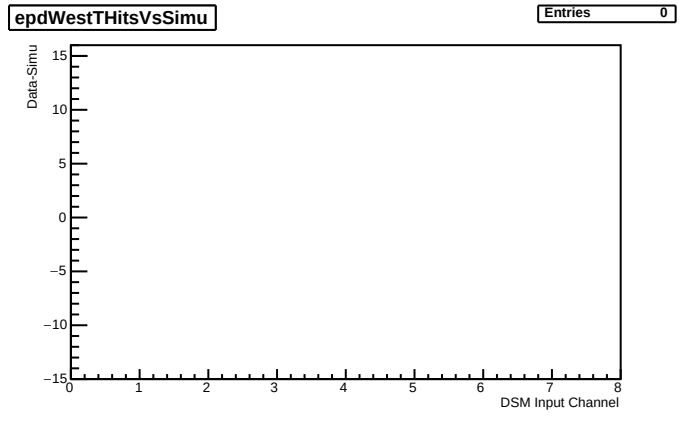
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4064952
Truncated NHits
DSMInput Channel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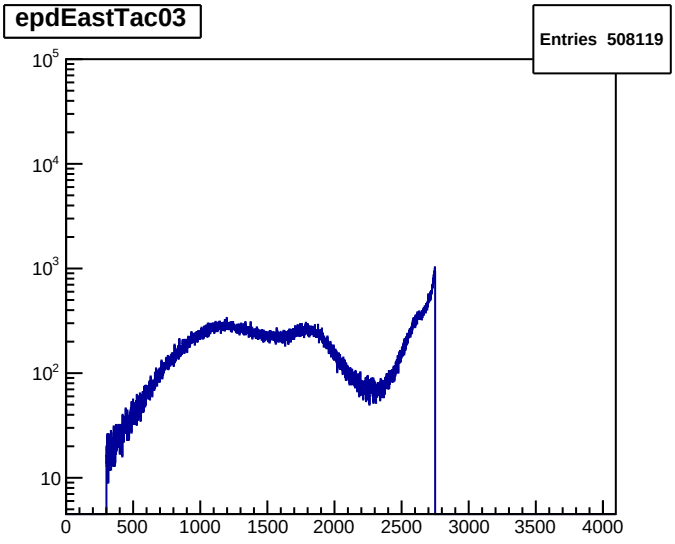
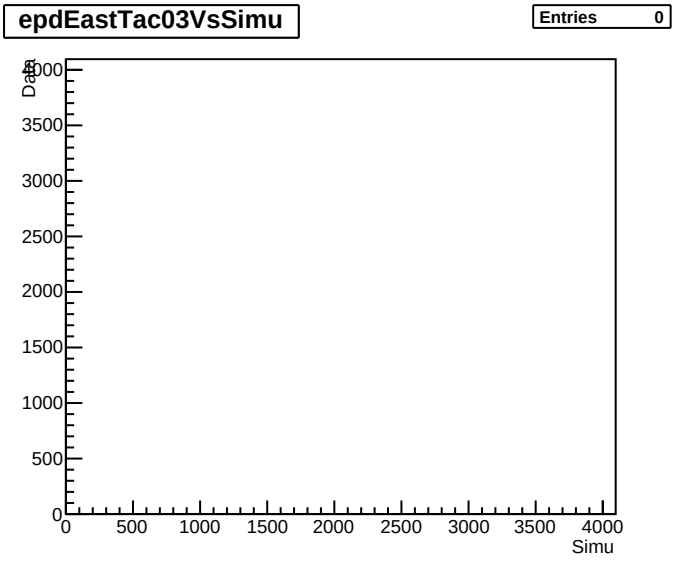
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 508119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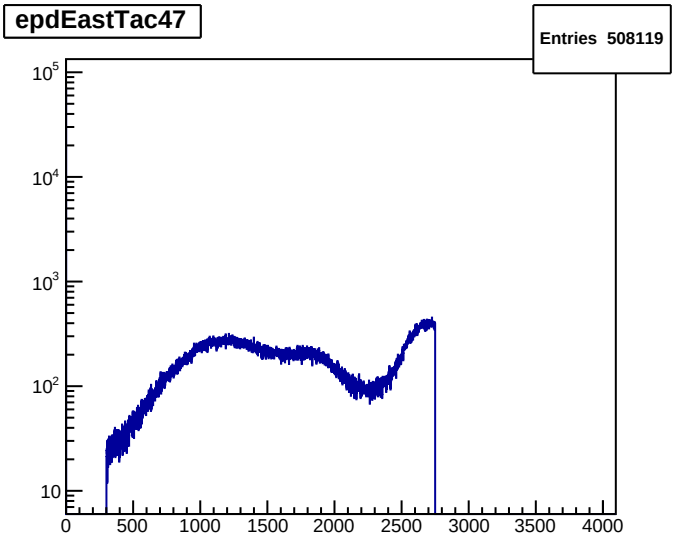
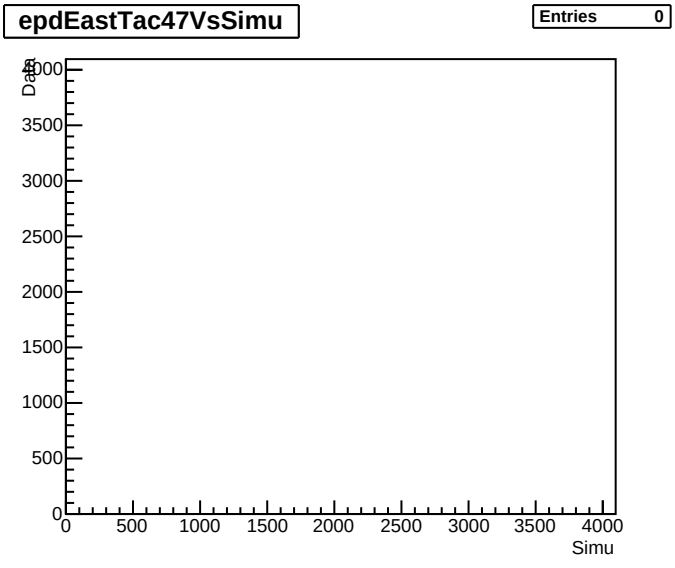
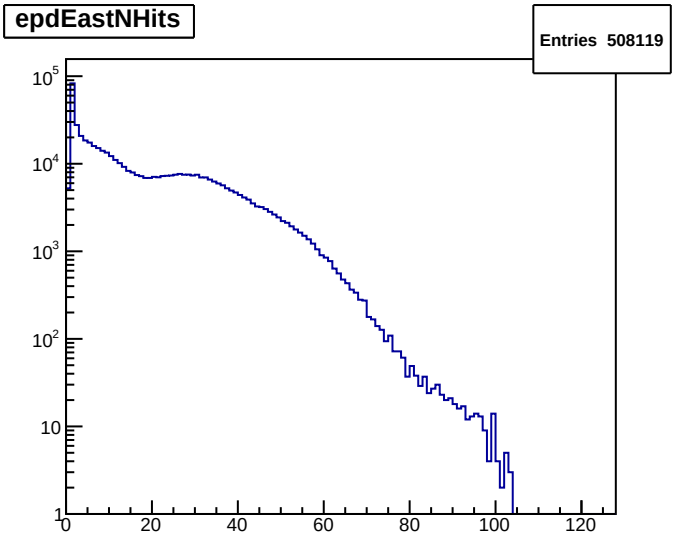
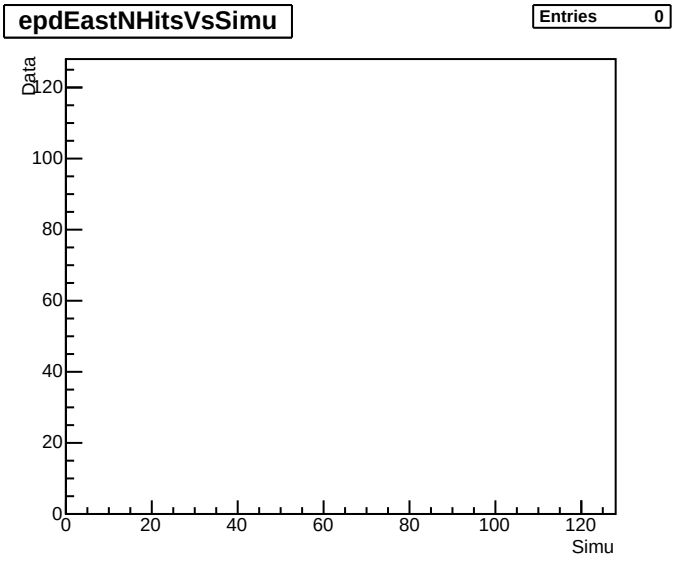
Entries 0
Data
Simu


epdEastTac47
Entries 508119


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 508119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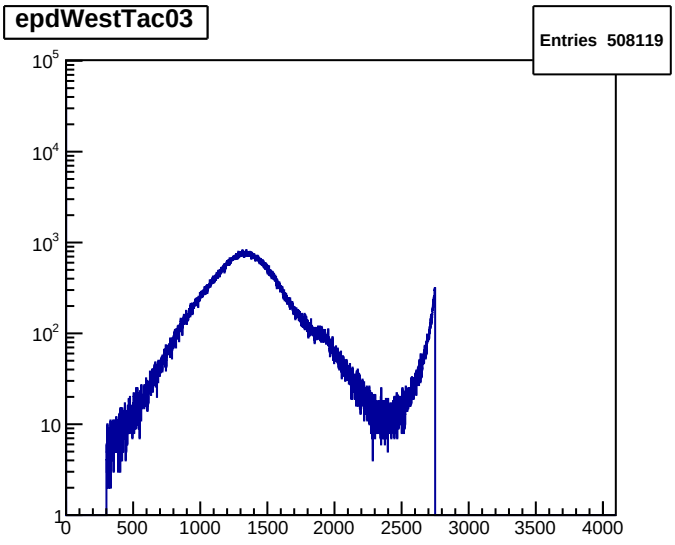
Entries 0
Data
Simu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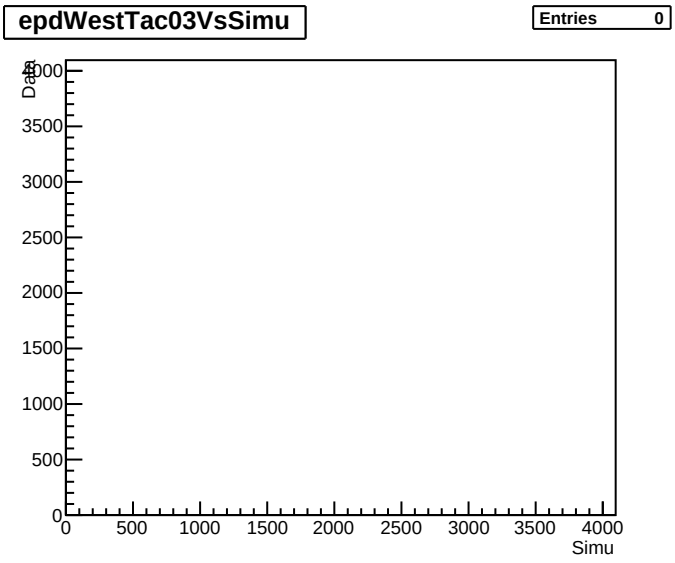
Entries 508119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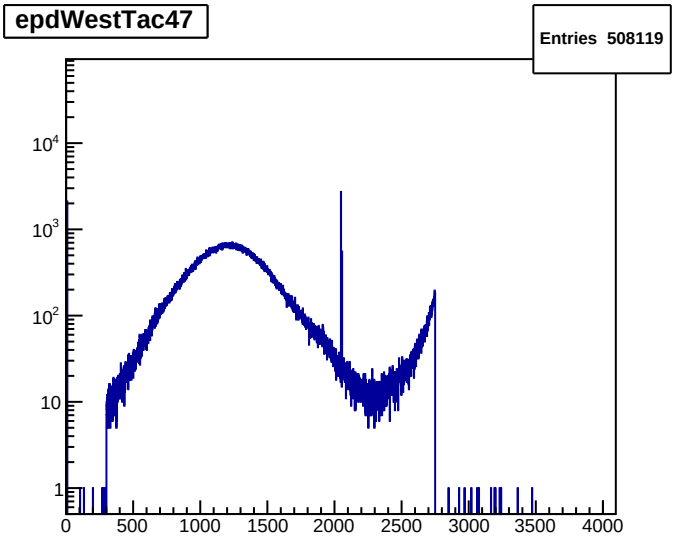
Entries 0
Data
Simu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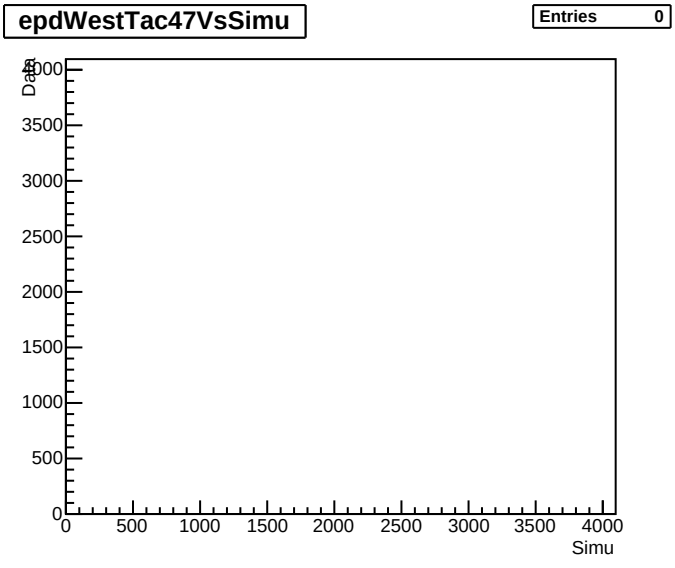
Entries 508119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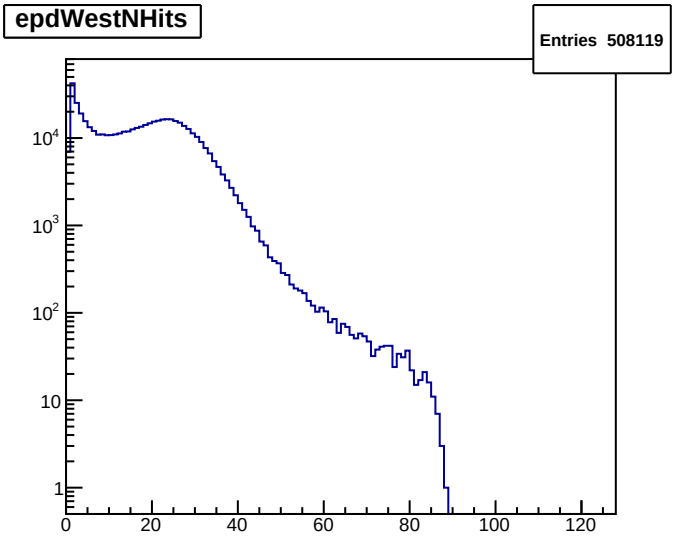
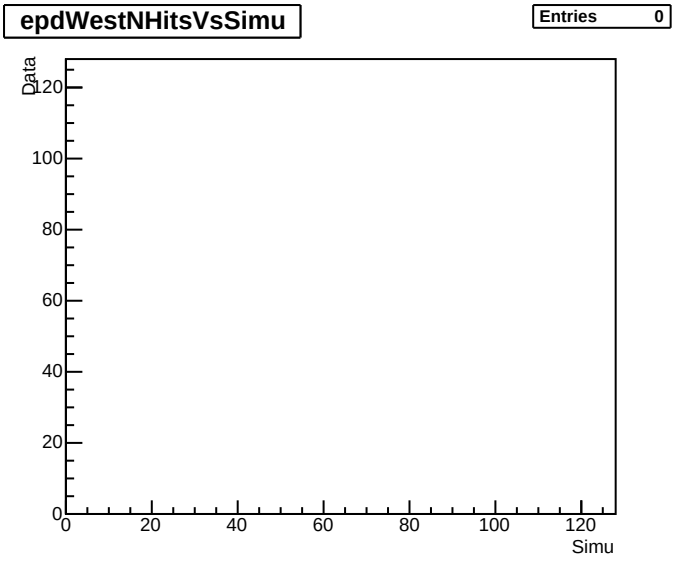
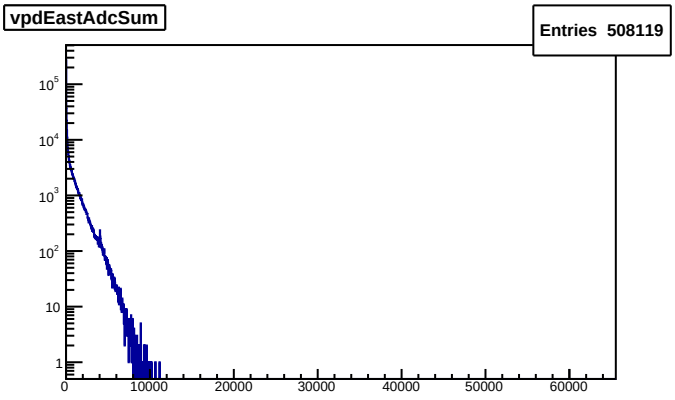
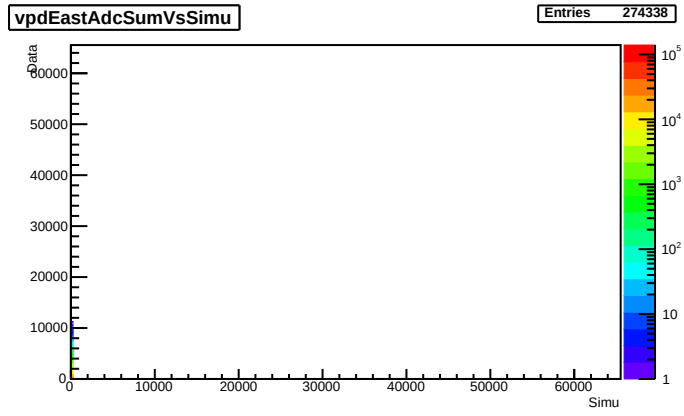
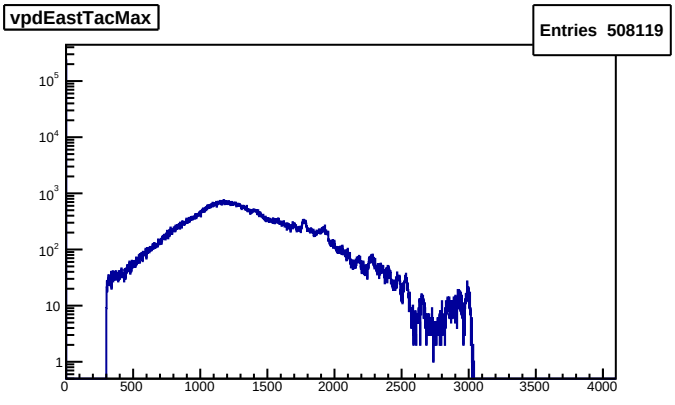
Data
Simu

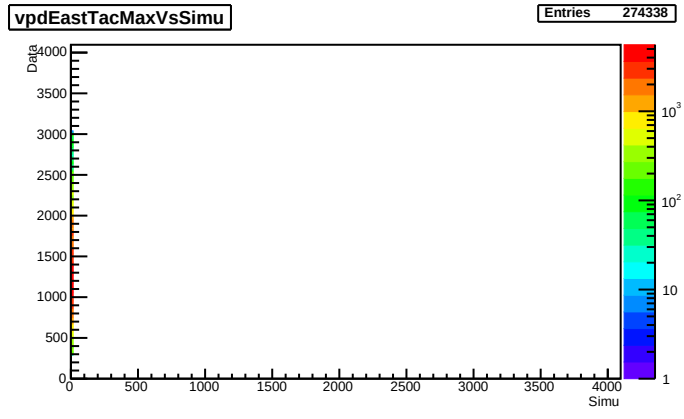

epdWestNHits
Entries 508119

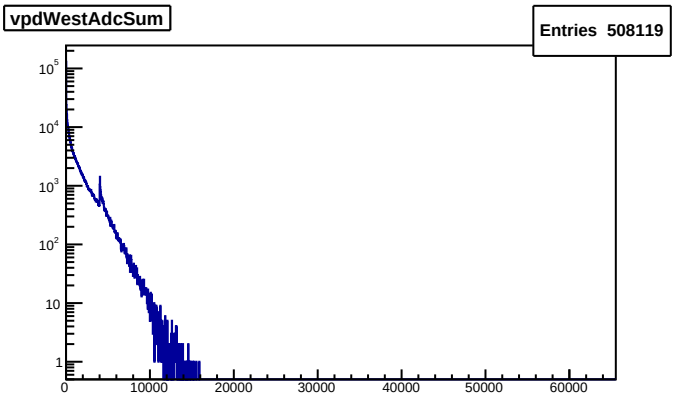

epdWestNHitsVsSimu
Entries 0
Data
Simu

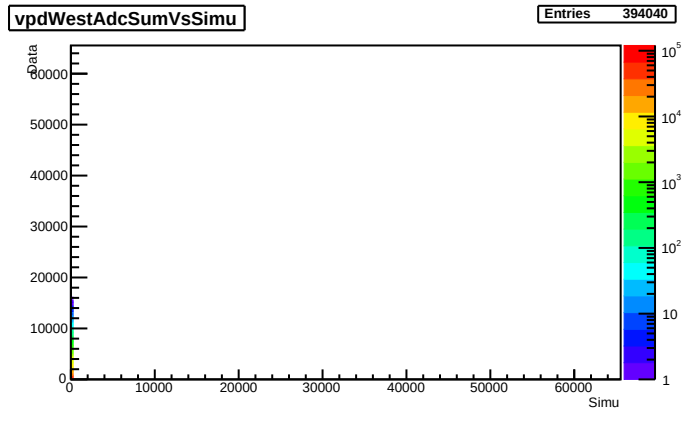

vpdEastAdcSum
Entries 508119

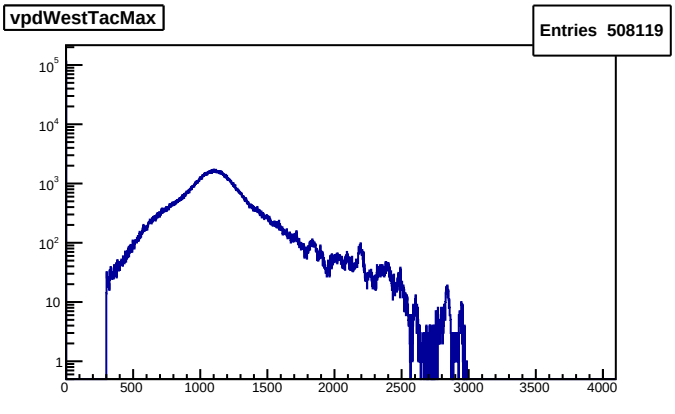

vpdEastAdcSumVsSimu
Entries 274338
Data
Simu

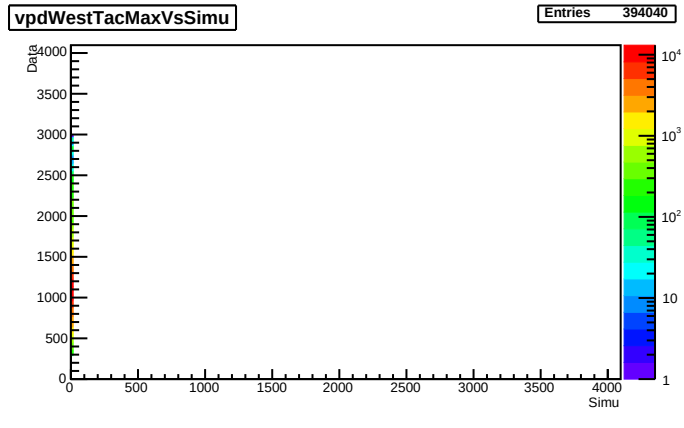

vpdEastTacMax
Entries 508119

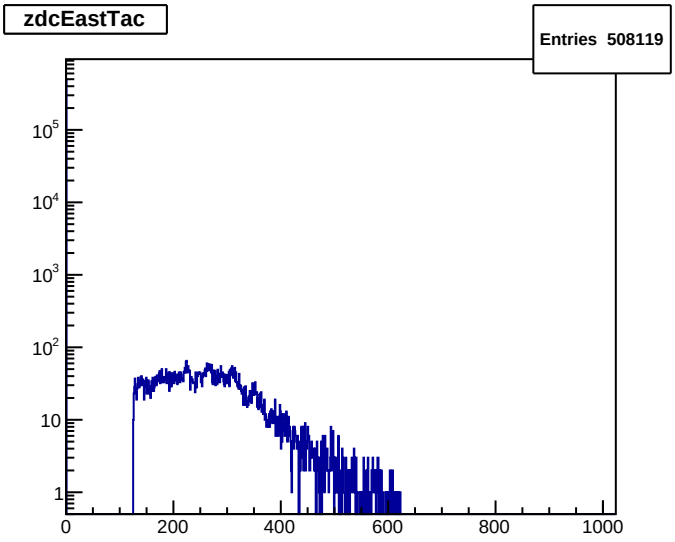

vpdEastTacMaxVsSimu
Entries 274338
Data
Simu

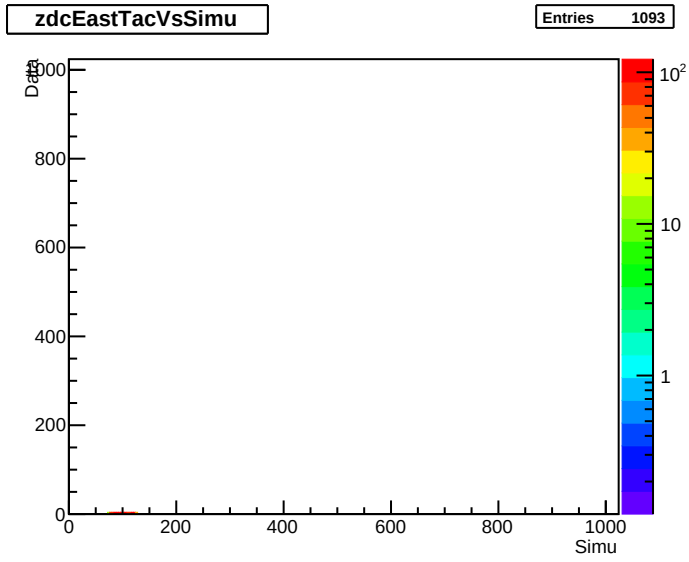

vpdWestAdcSum
Entries 508119

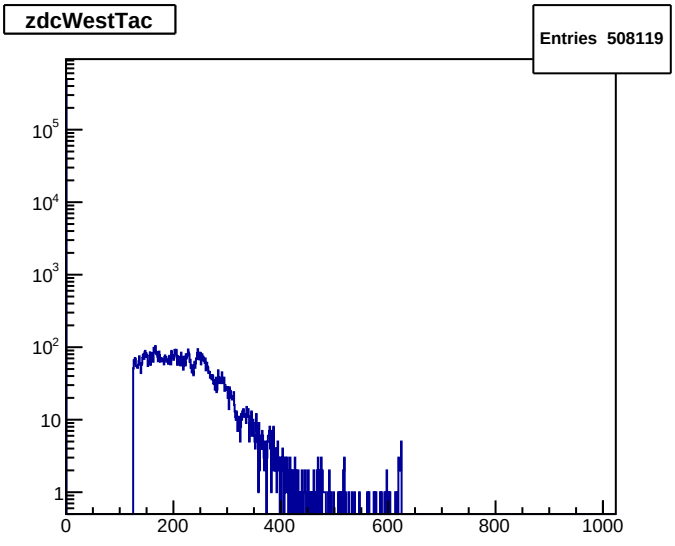

vpdWestAdcSumVsSimu
Entries 394040
Data
Simu

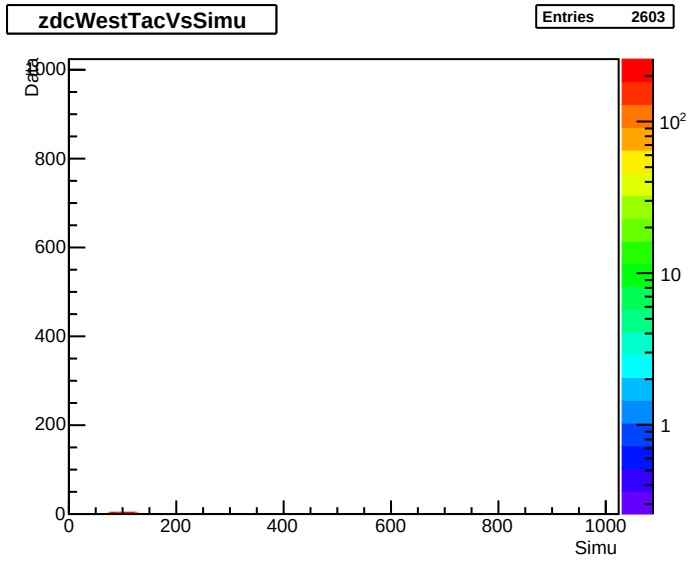

vpdWestTacMax
Entries 508119

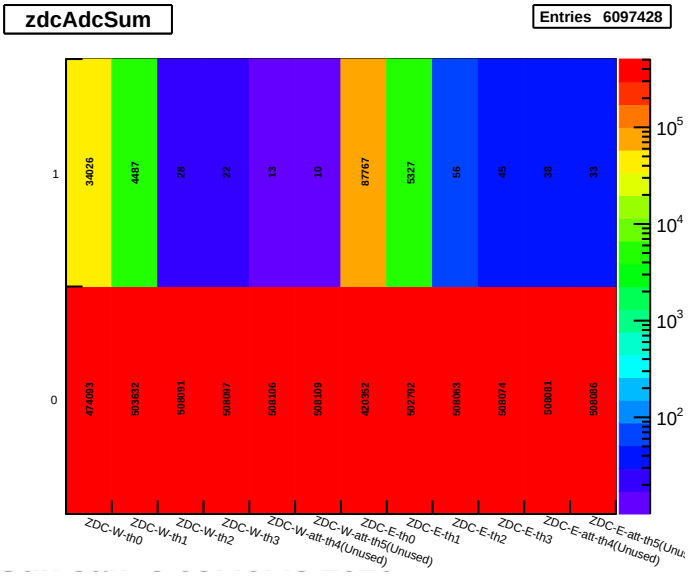

vpdWestTacMaxVsSimu
Entries 394040
Data
Simu

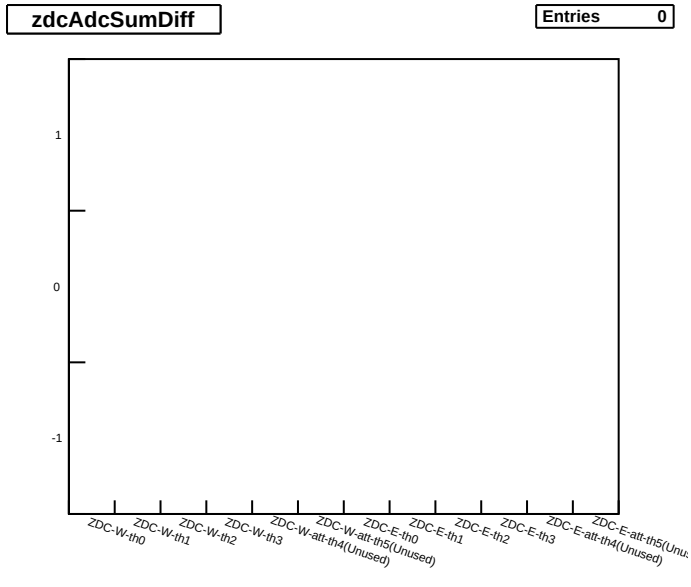

zdcEastTac
Entries 508119

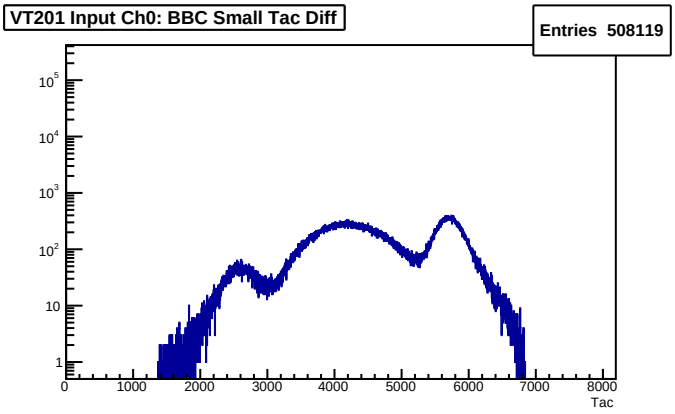

zdcEastTacVsSimu
Entries 1093
Data
Simu

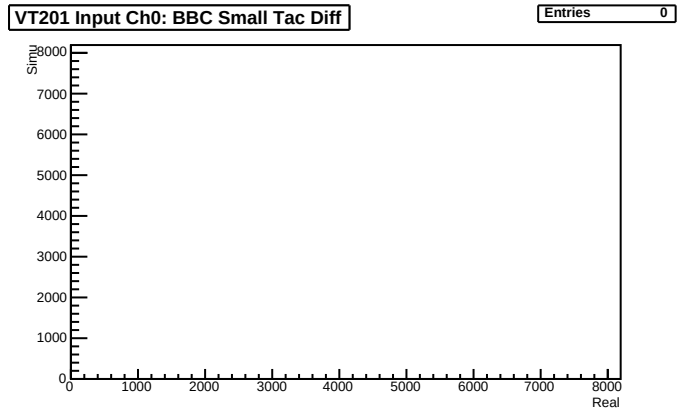

zdcWestTac
Entries 508119

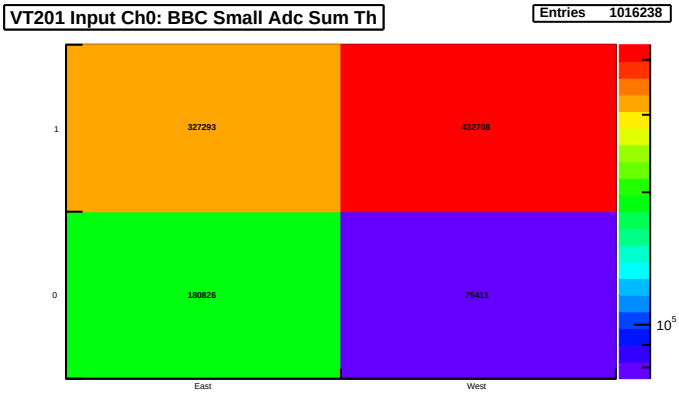

zdcWestTacVsSimu
Entries 2603
Data
Simu

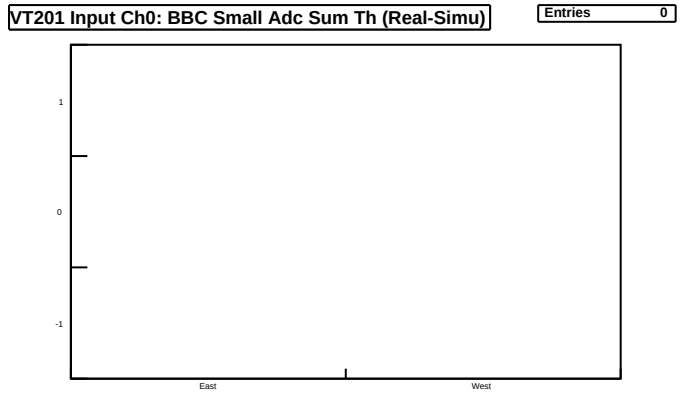

zdcAdcSum
Entries 6097428
34026
4487
28
22
13
10
87767
5327
56
45
38
33
474093
503632
508091
508097
508106
508109
420352
502792
508063
508074
508081
508086
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

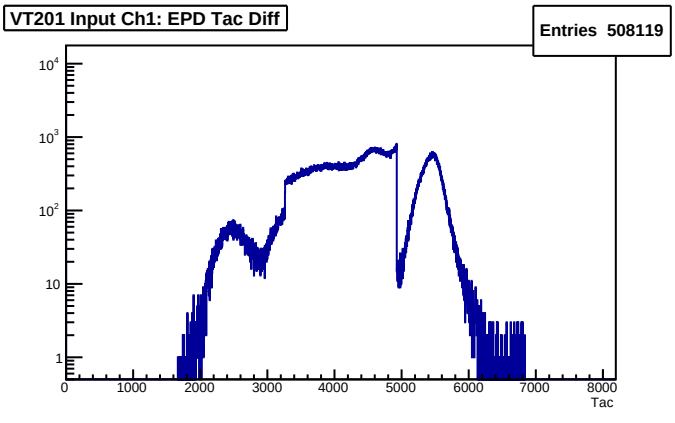

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

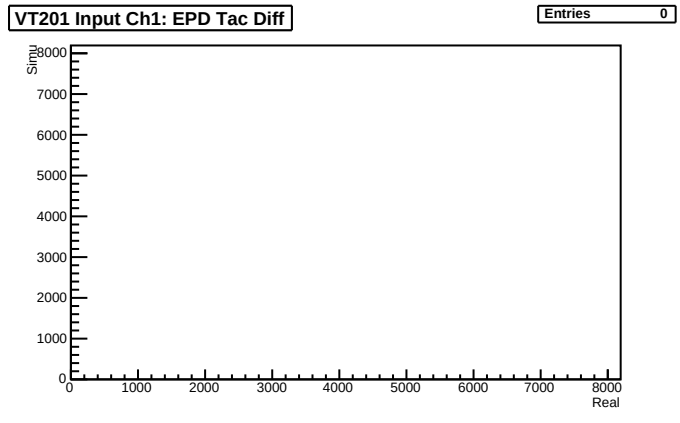

VT201 Input Ch0: BBC Small Tac Diff
Entries 508119
Tac

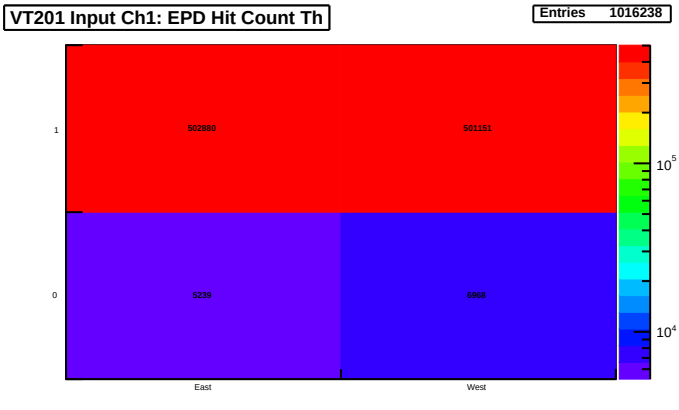

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

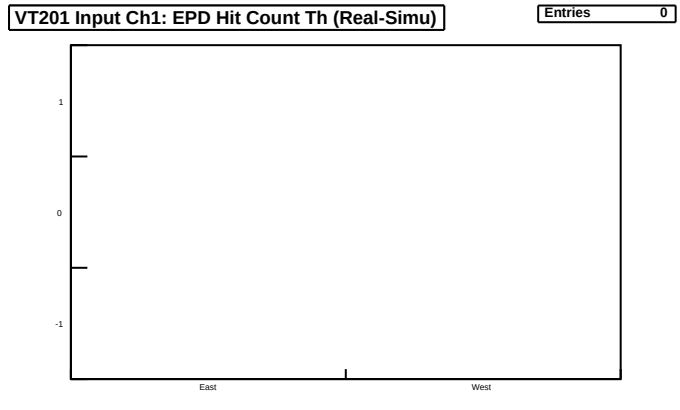

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1016238
327293
432708
180826
75411
East
West

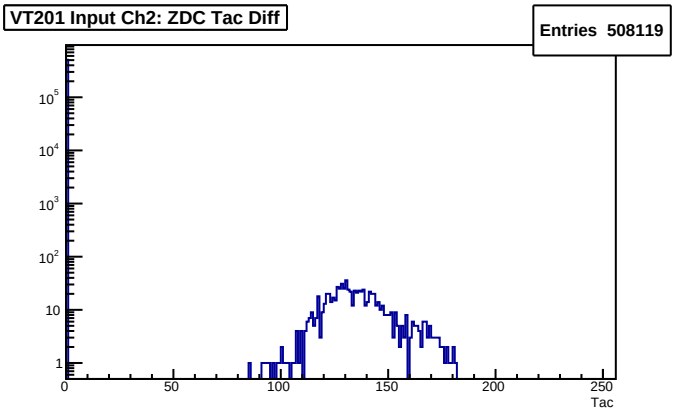

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

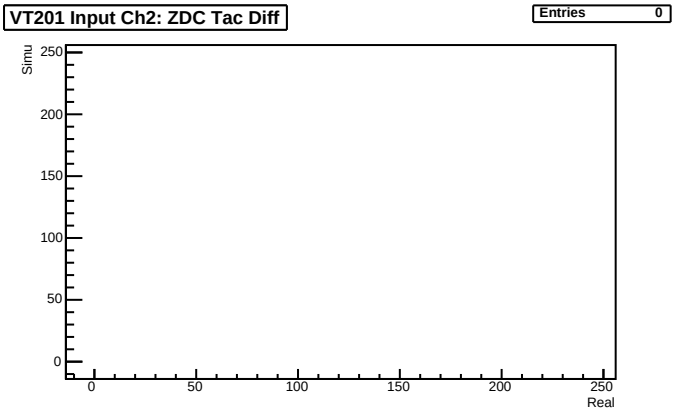

VT201 Input Ch1: EPD Tac Diff
Entries 508119
Tac

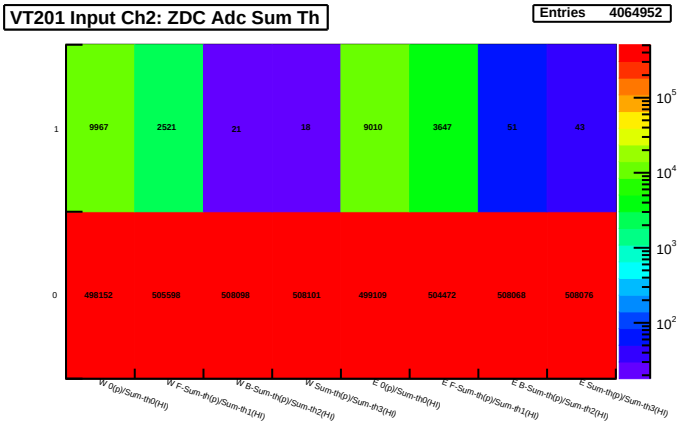

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

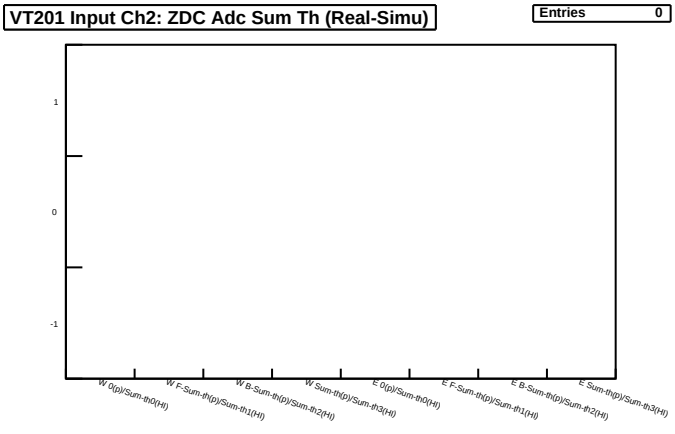

VT201 Input Ch1: EPD Hit Count Th
Entries 1016238
502880
501151
5239
6968
East
West

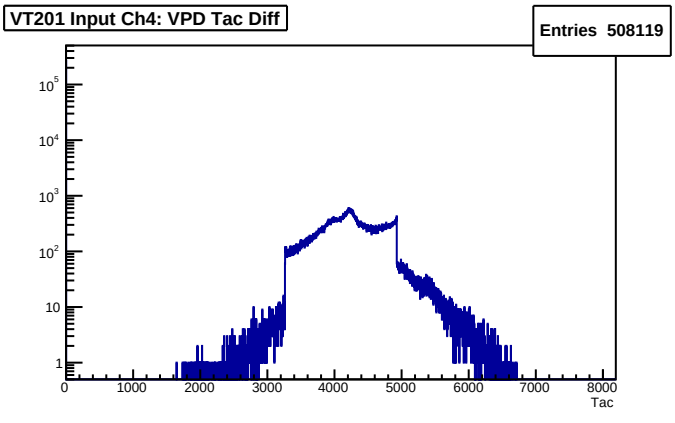

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

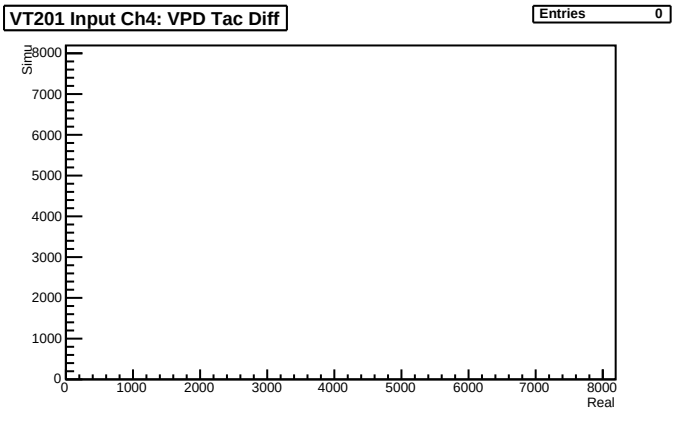

VT201 Input Ch2: ZDC Tac Diff
Entries 508119
Tac

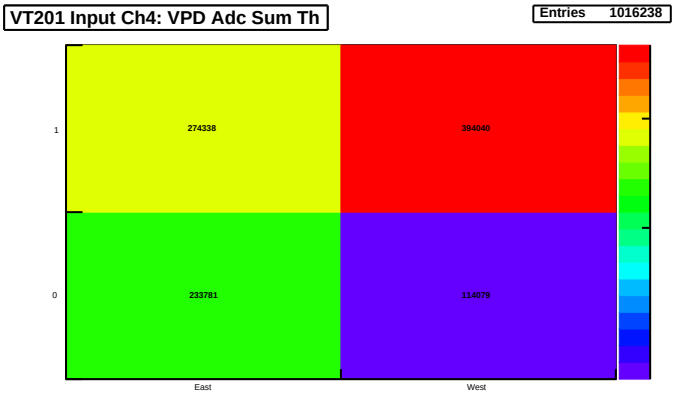

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

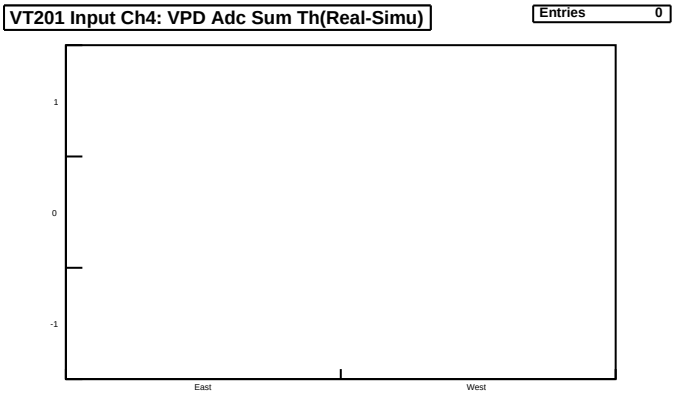

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4064952
9967
2521
21
18
9010
3647
51
43
498152
505598
508098
508101
499109
504472
508068
508076
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

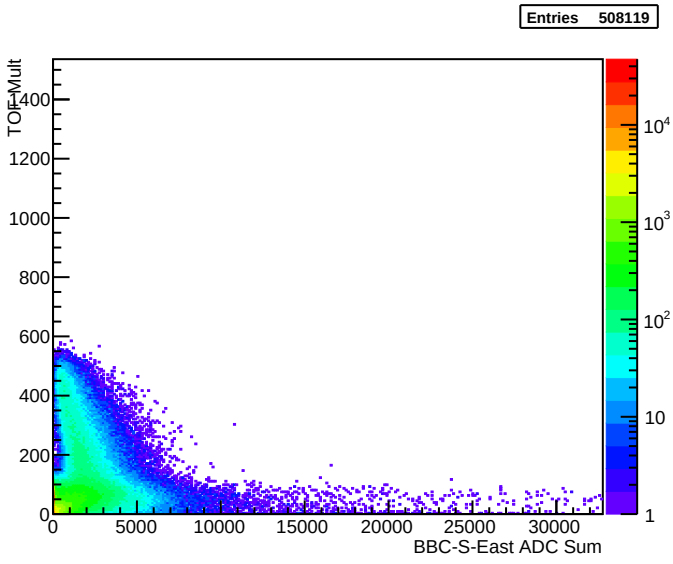

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

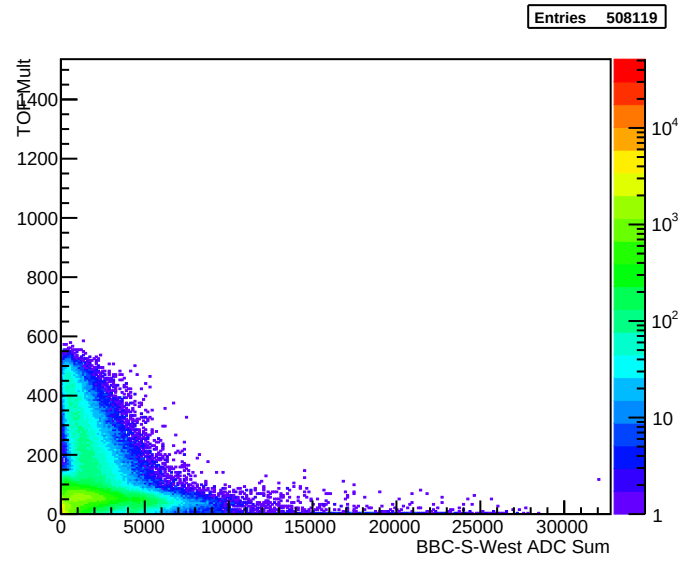

VT201 Input Ch4: VPD Tac Diff
Entries 508119
Tac

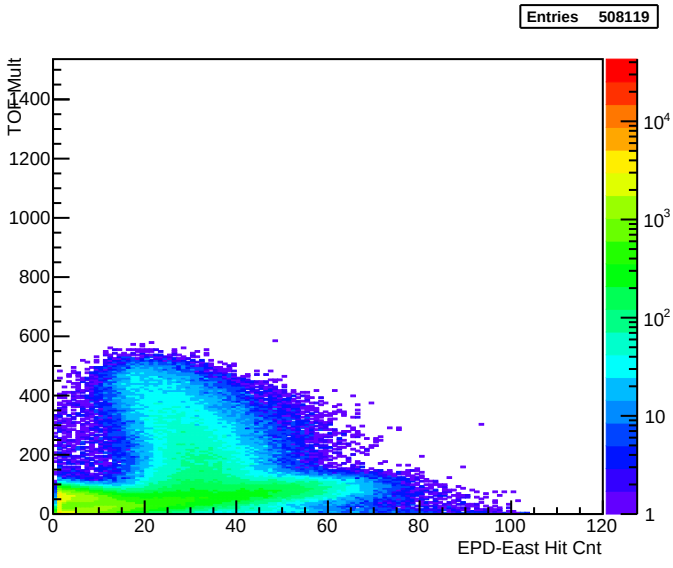

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

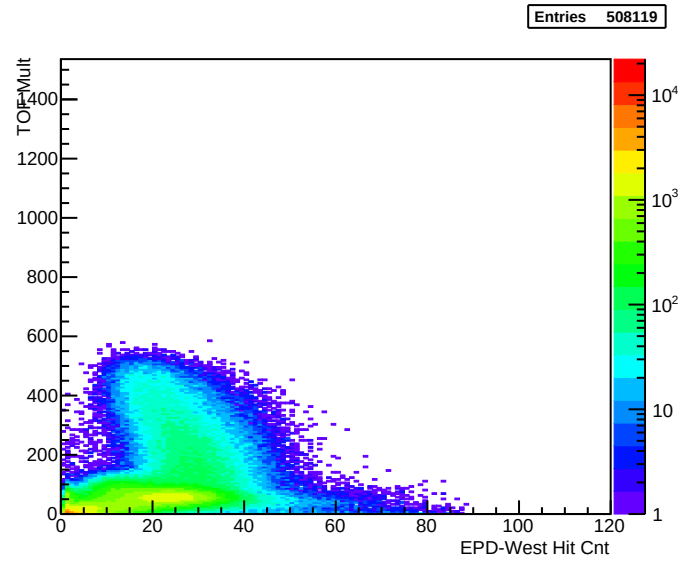

VT201 Input Ch4: VPD Adc Sum Th
Entries 1016238
274338
394040
233781
114079
East
West

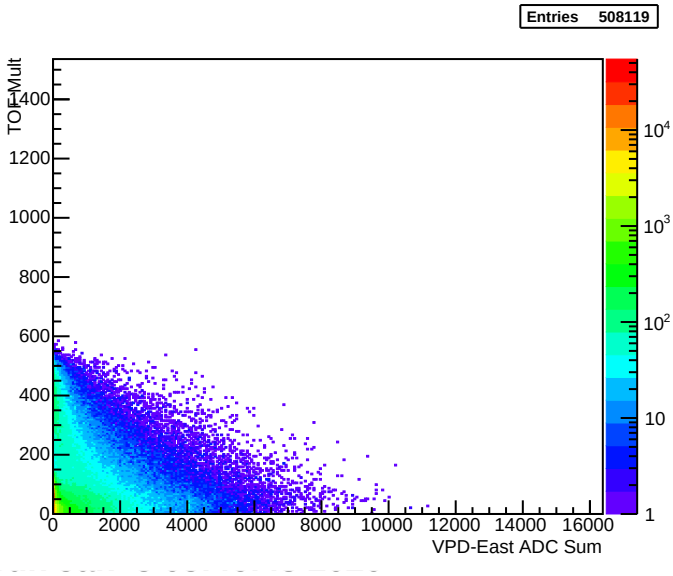

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

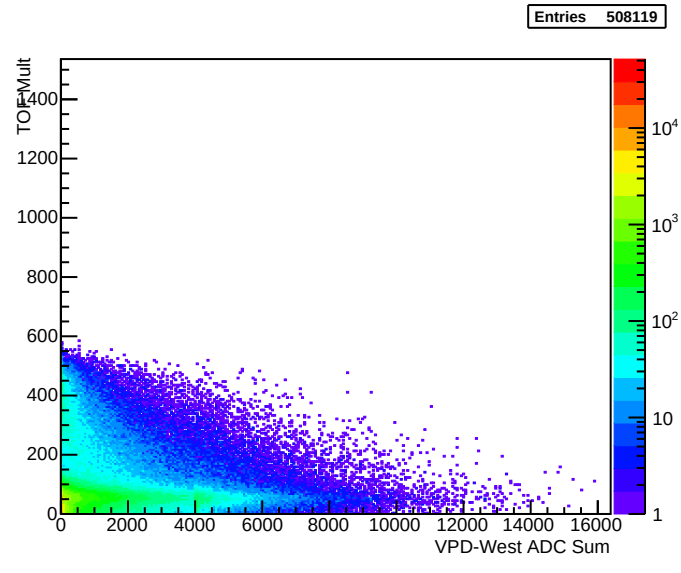

Entries 508119
TOF-Mult
BBC-S-East ADC Sum

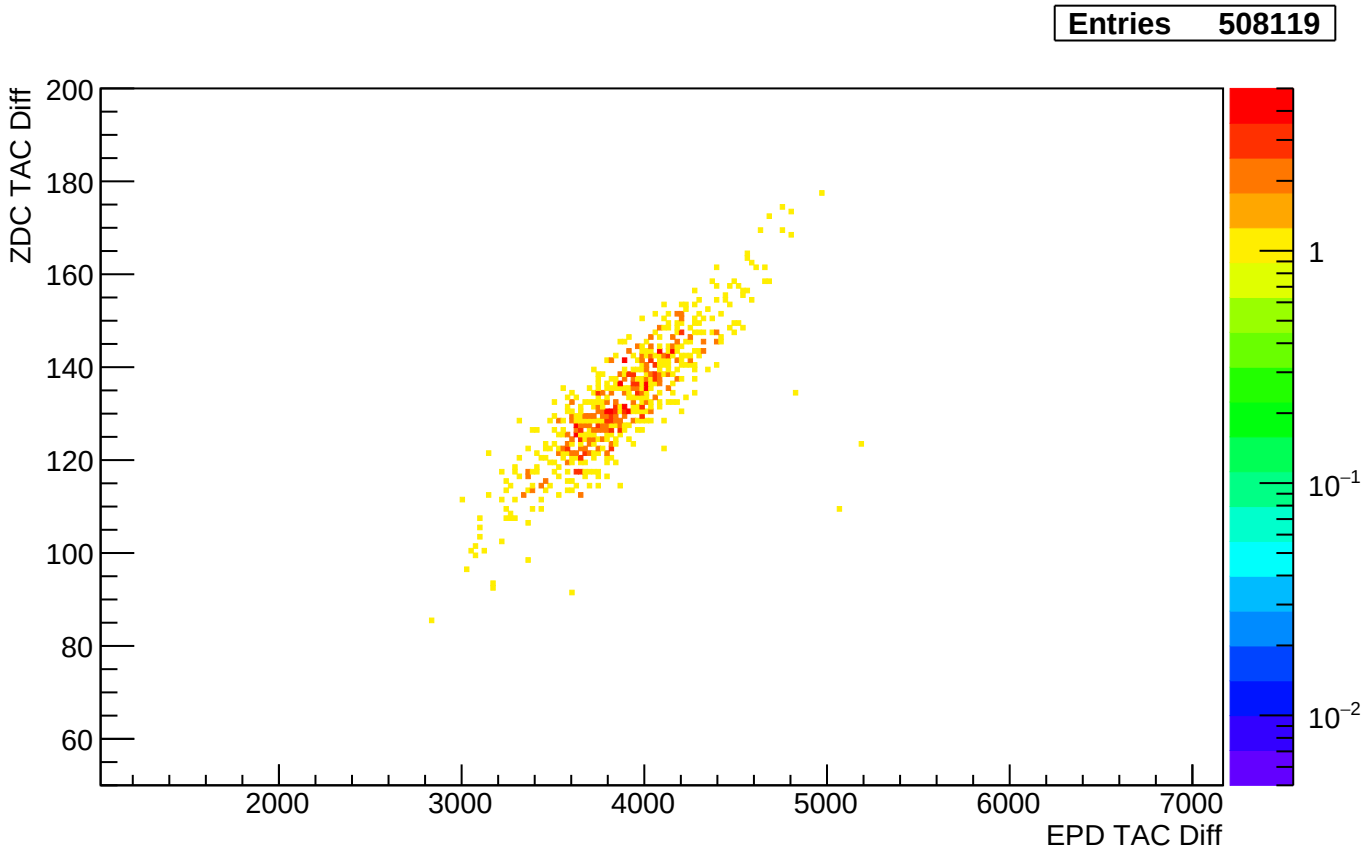

Entries 508119
TOF-Mult
BBC-S-West ADC Sum

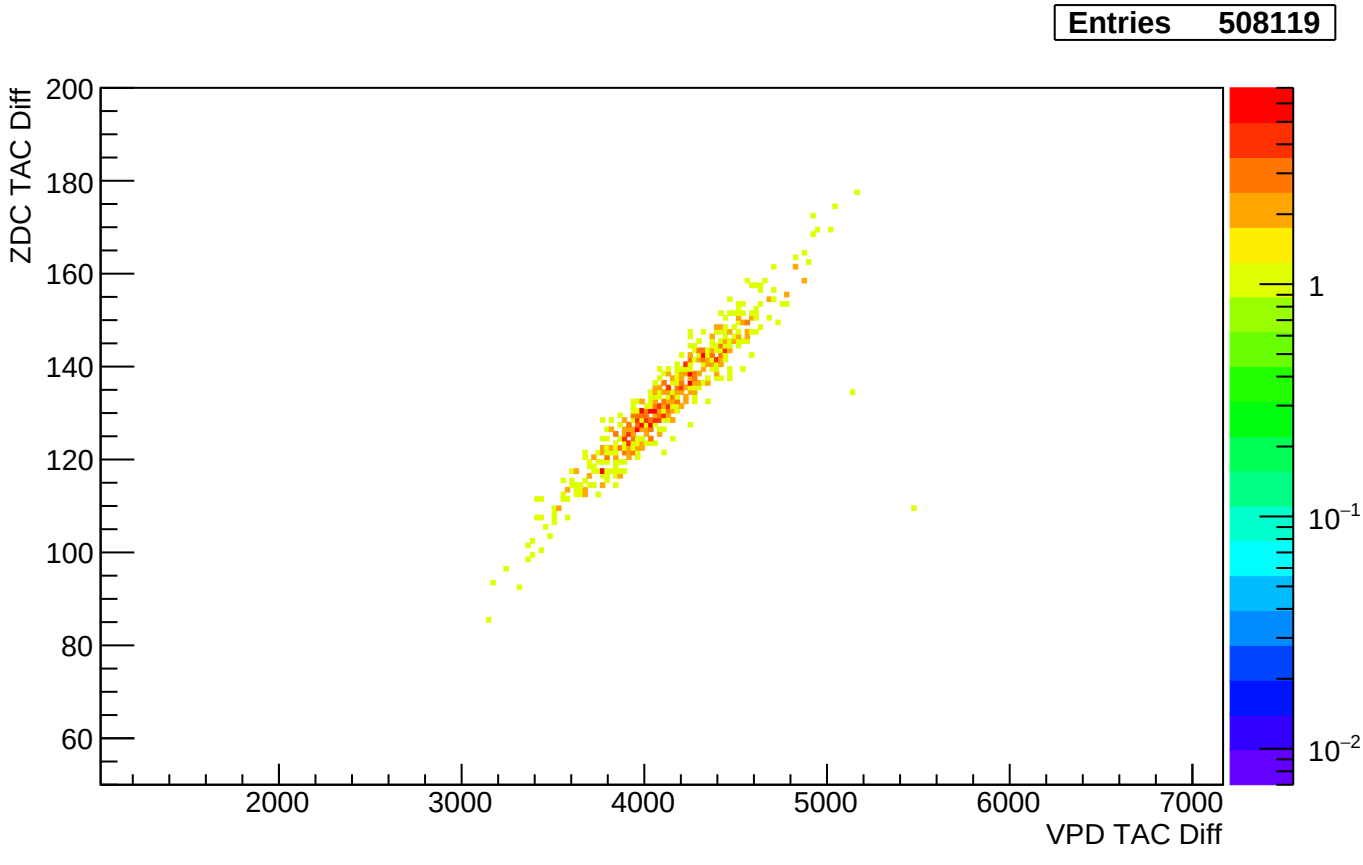

Entries 508119
TOF-Mult
EPD-East Hit Cnt

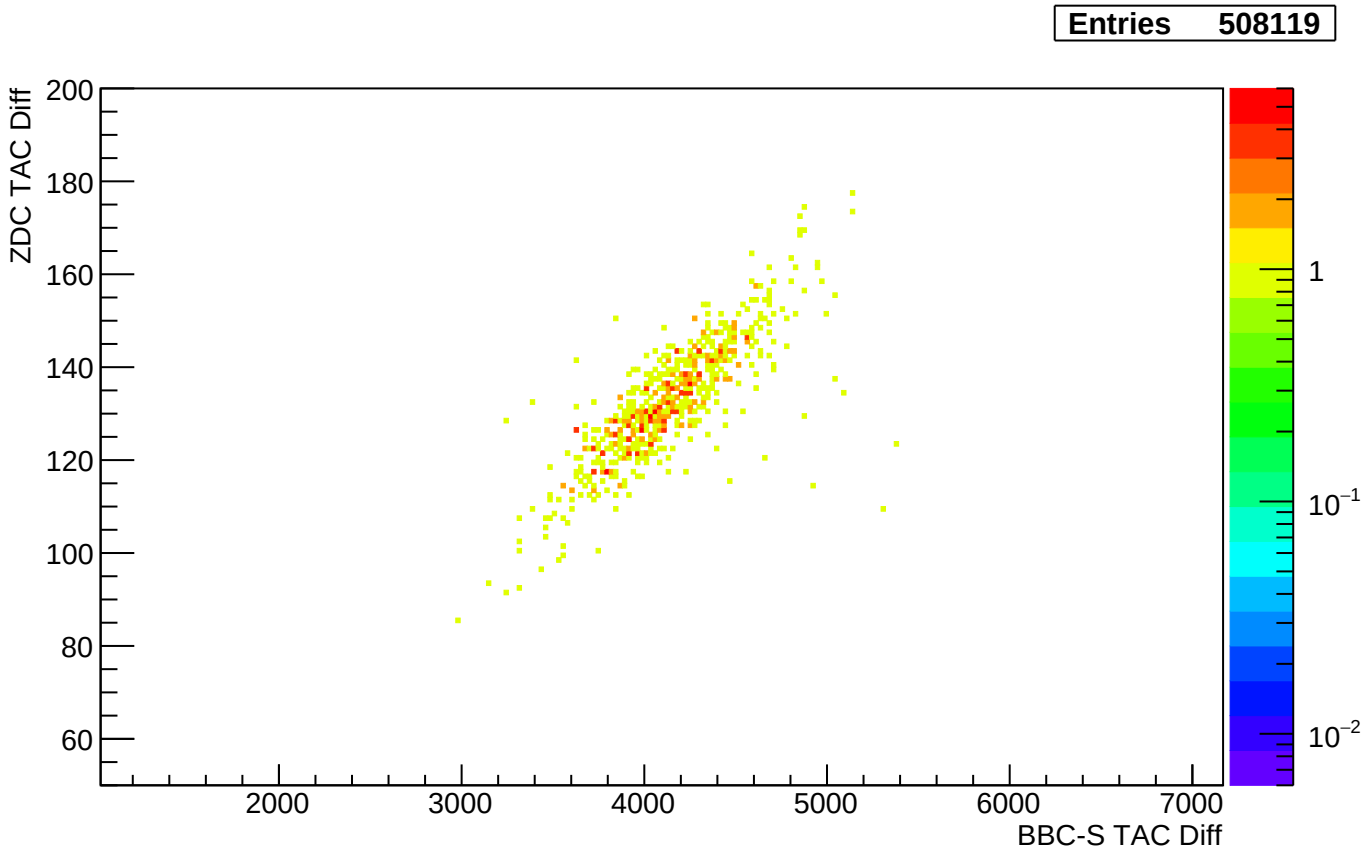

Entries 508119
TOF-Mult
EPD-West Hit Cnt

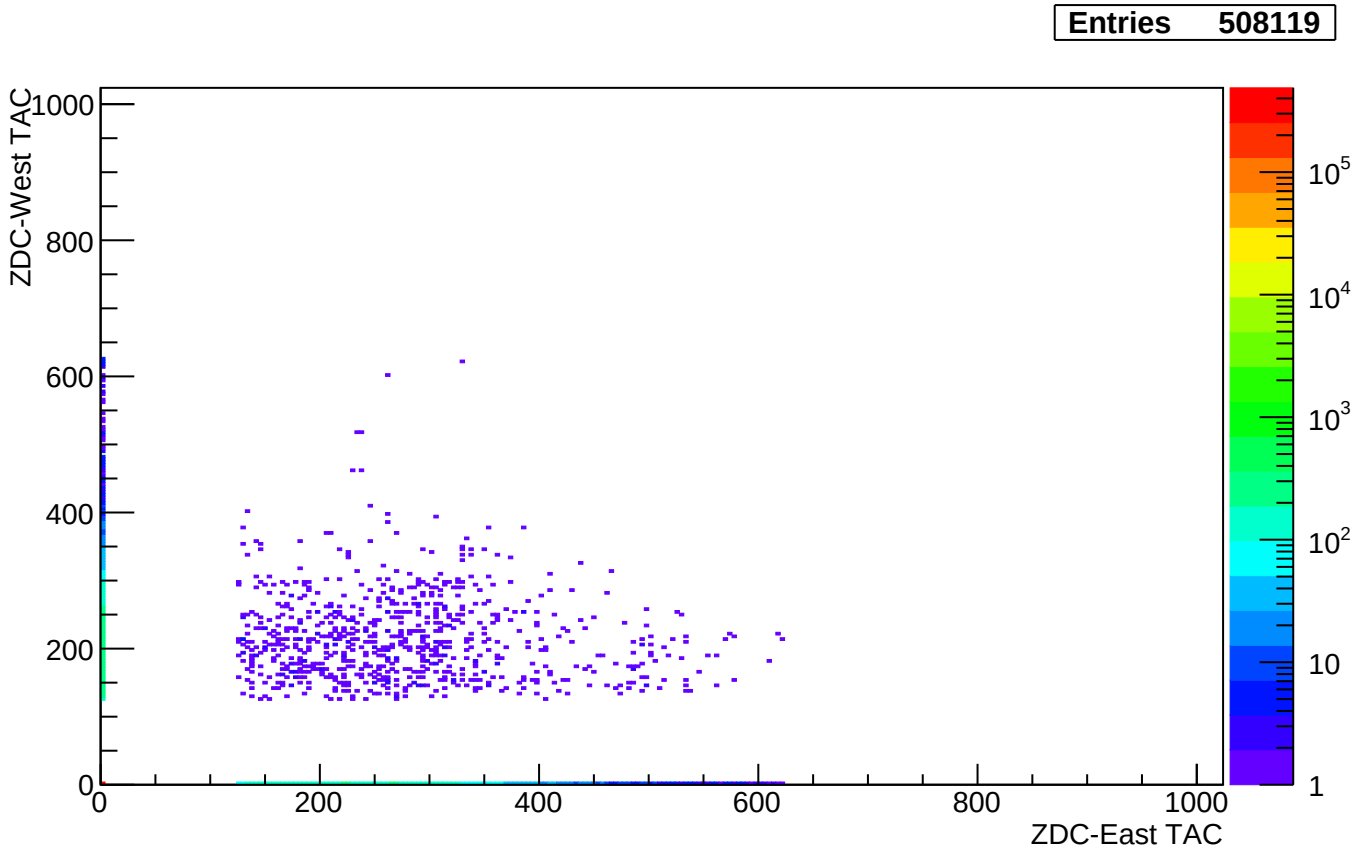

Entries 508119
TOF-Mult
VPD-East ADC Sum

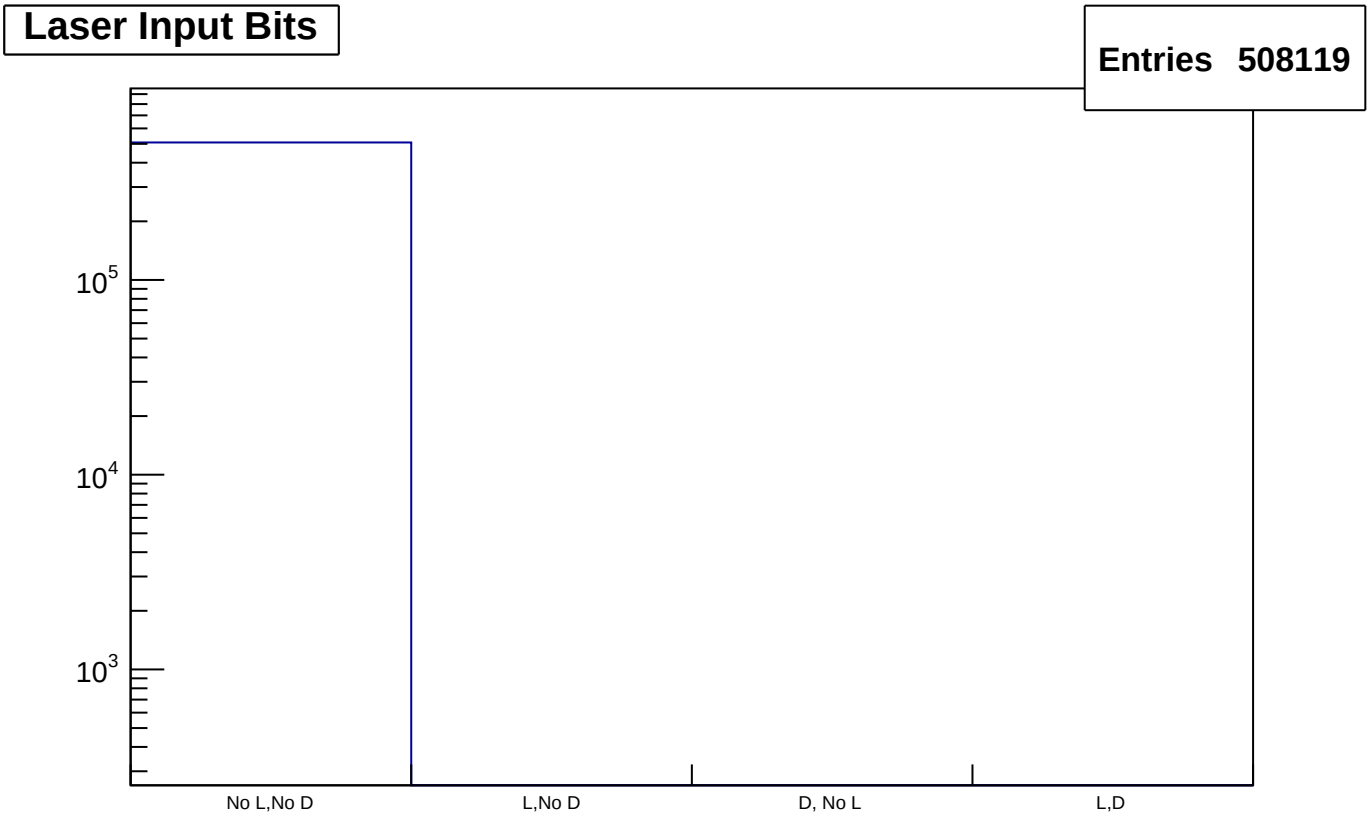

Entries 508119
TOF-Mult
VPD-West ADC Sum

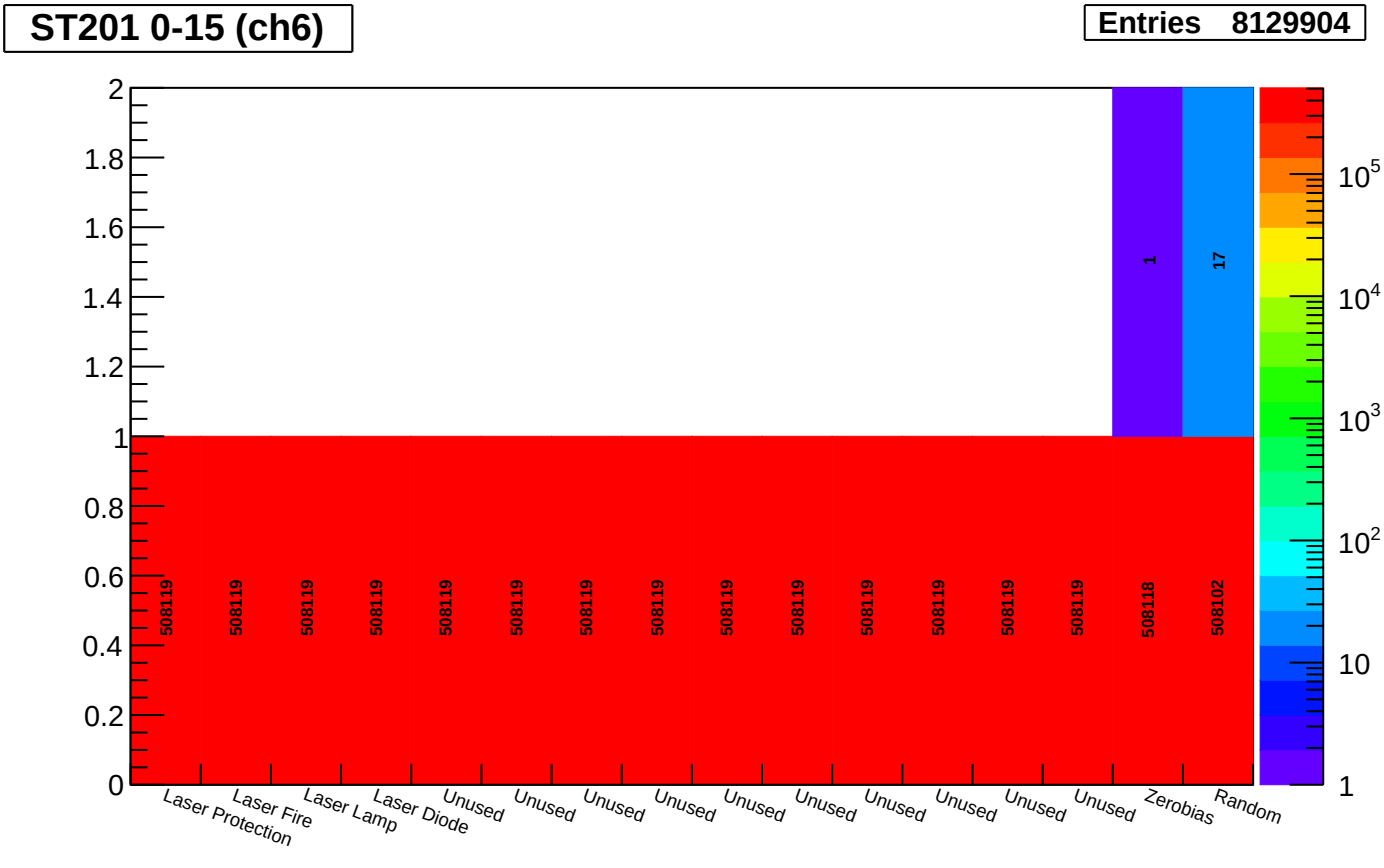

Entries 508119
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

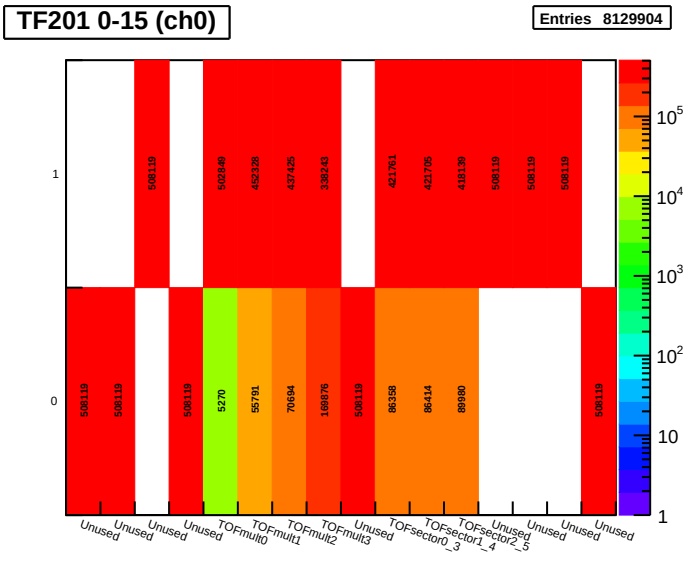

Entries 508119
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

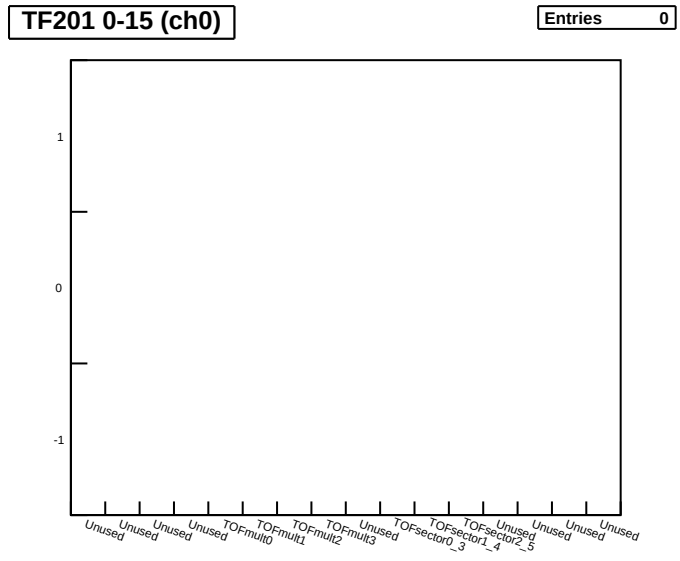

Entries 508119
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

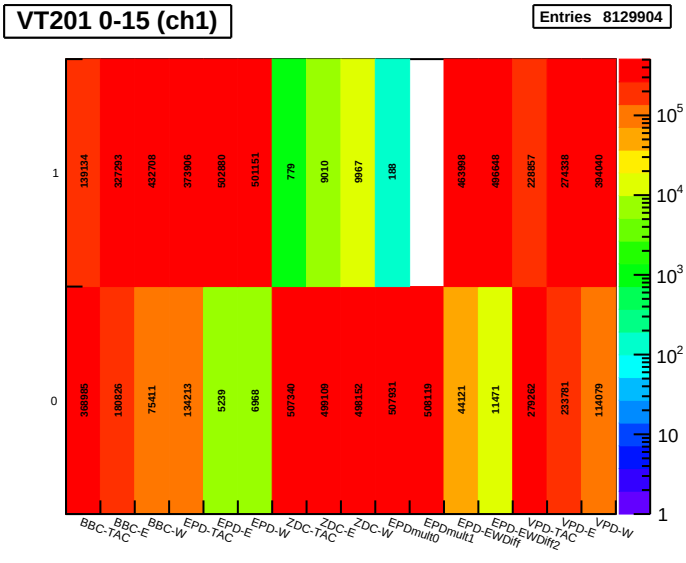

Entries 508119
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

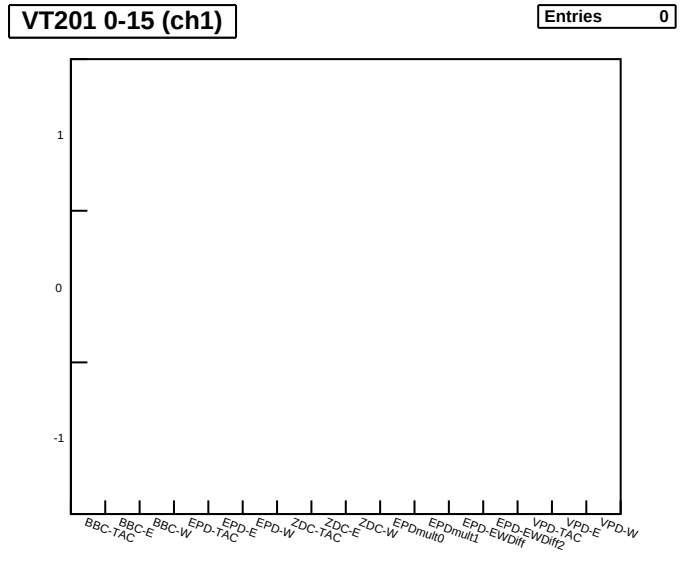

Laser Input Bits
Entries 508119
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

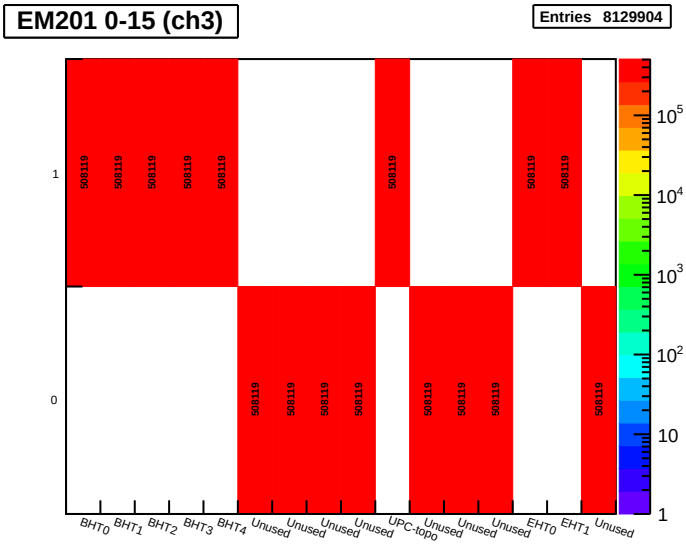

ST201 0-15 (ch6)
Entries 8129904
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
508119
508119
508119
508119
508119
508119
508119
508119
508119
508119
508119
508119
508119
508119
508118
508102
1
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

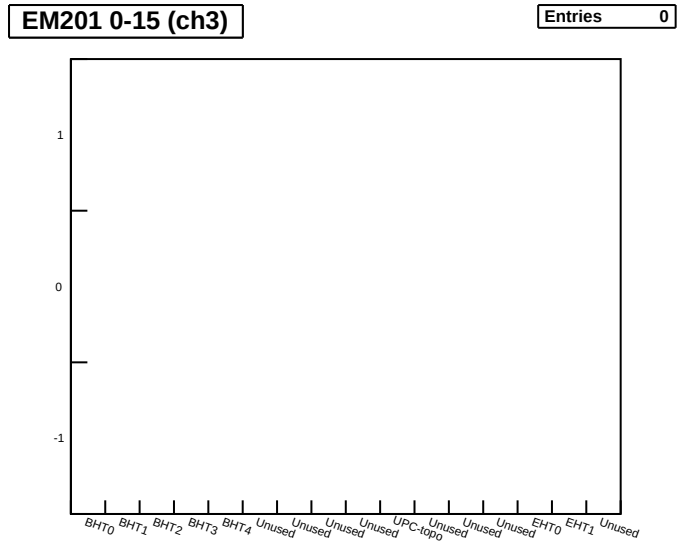

TF201 0-15 (ch0)
Entries 8129904
1
0
508119
502849
452328
437425
338243
421761
421705
418139
508119
508119
508119
508119
508119
508119
508119
5270
55791
70694
169876
508119
86398
86414
89980
508119
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
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 8129904
1
0
139134
327293
432708
373906
502880
501151
779
9010
9967
188
463998
496648
228857
274338
394040
368985
180826
75411
134213
5239
6968
507340
499109
498152
507931
508119
44121
11471
279262
233781
114079
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 8129904
1
0
508119
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