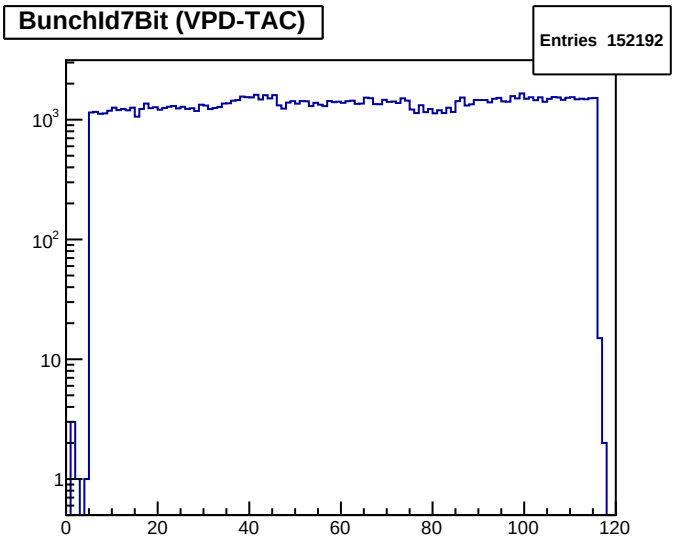
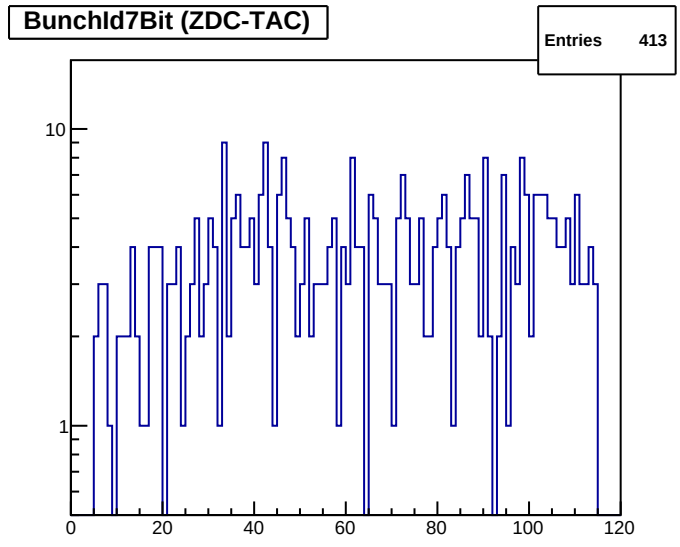
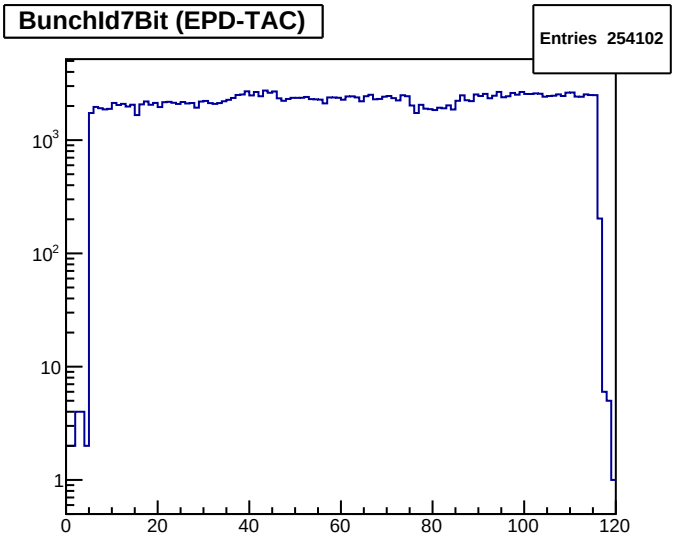
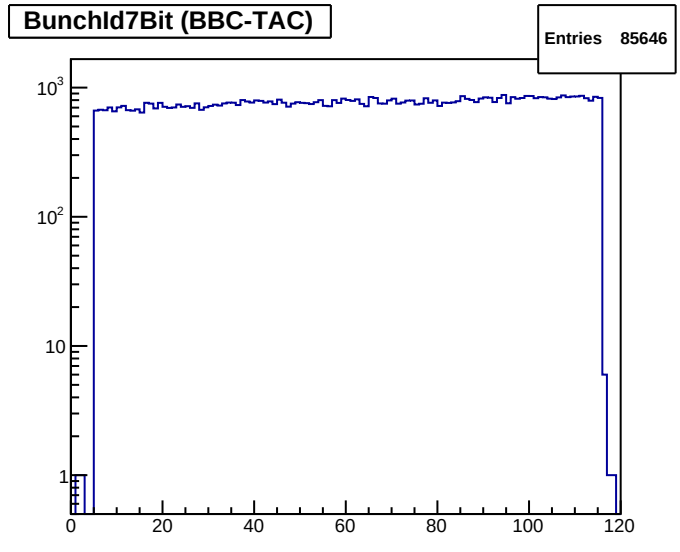
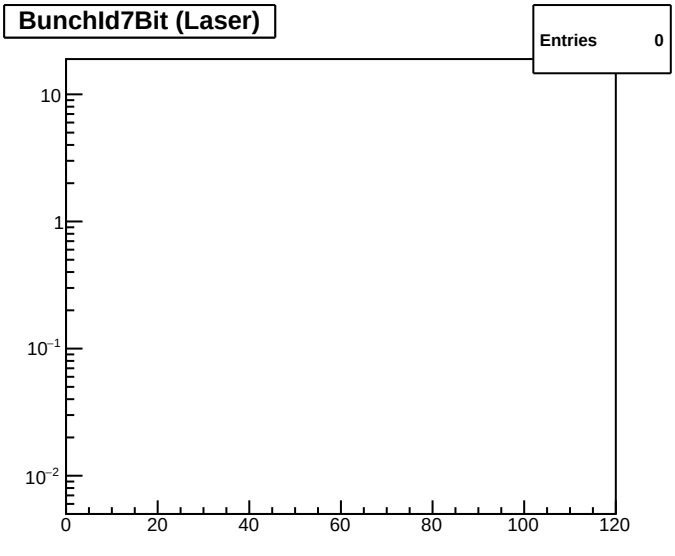
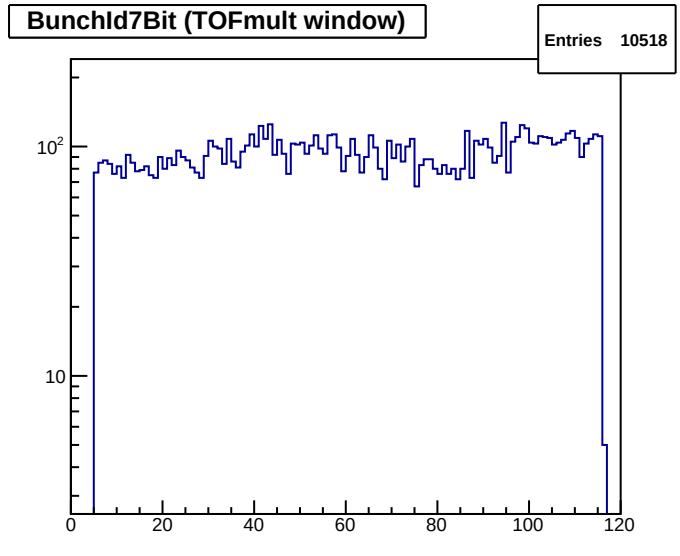

BunchId7Bit (VPD-TAC)
Entries 152192

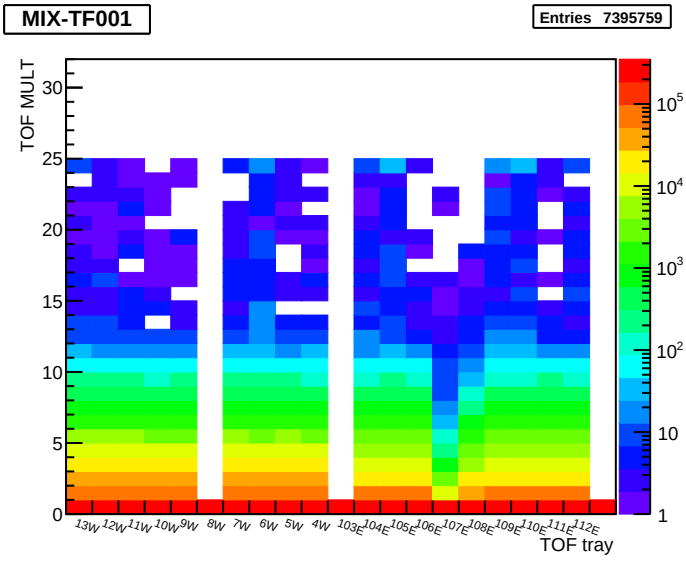

BunchId7Bit (ZDC-TAC)
Entries 413

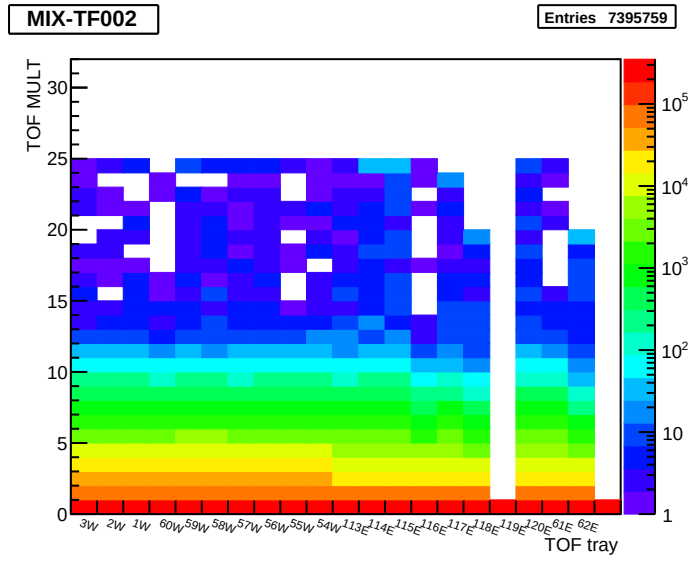

BunchId7Bit (EPD-TAC)
Entries 254102

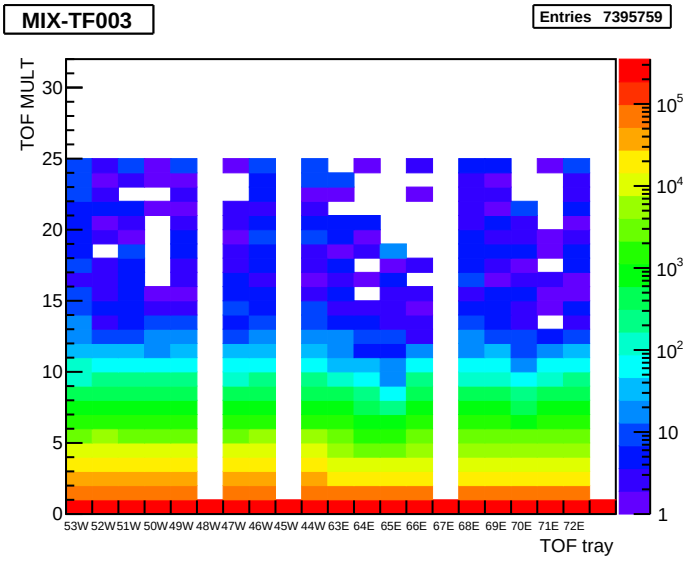

BunchId7Bit (BBC-TAC)
Entries 85646

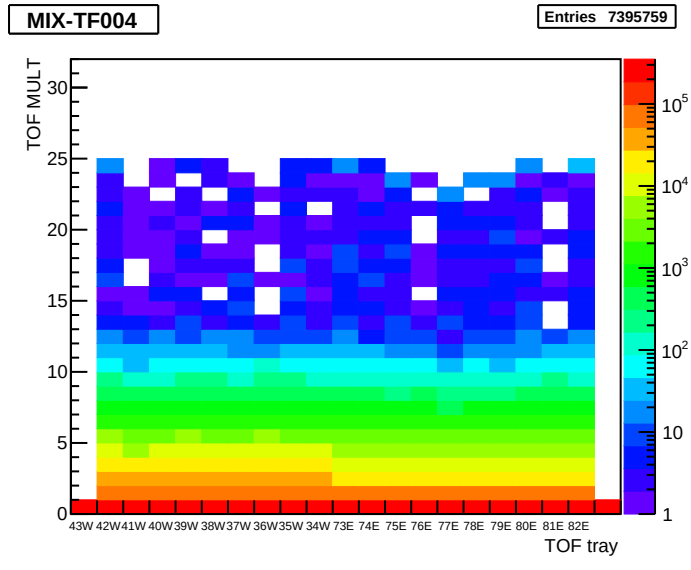

BunchId7Bit (Laser)
Entries 0

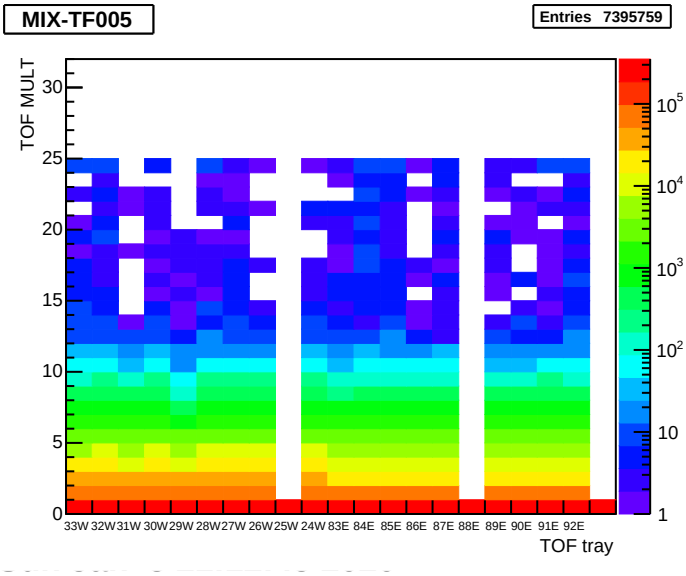

BunchId7Bit (TOFmult window)
Entries 10518

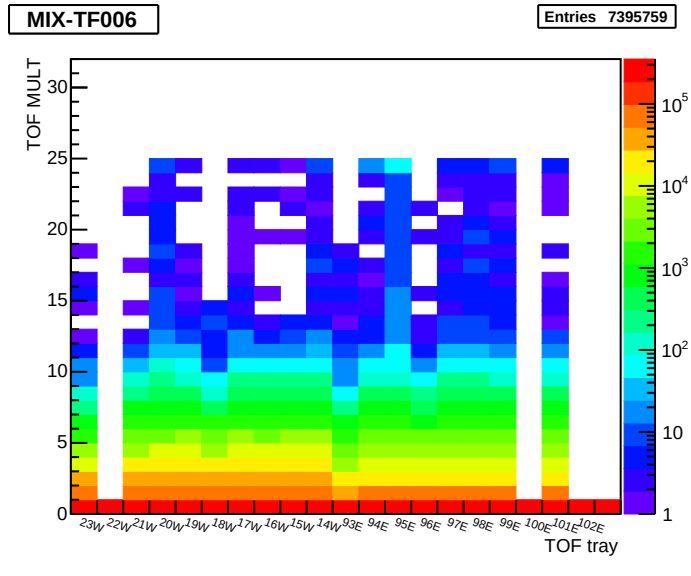

MIX-TF001
Entries 7395759
TOF MULT
TOF tray

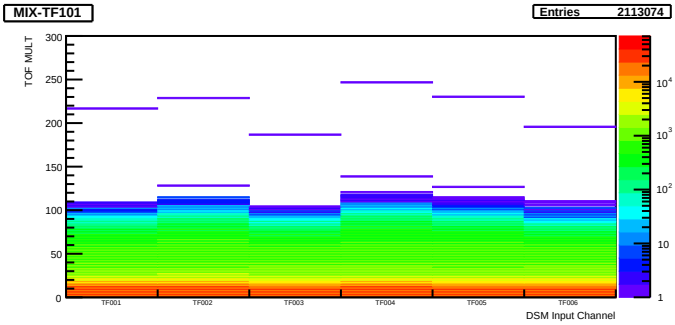

MIX-TF002
Entries 7395759
TOF MULT
TOF tray

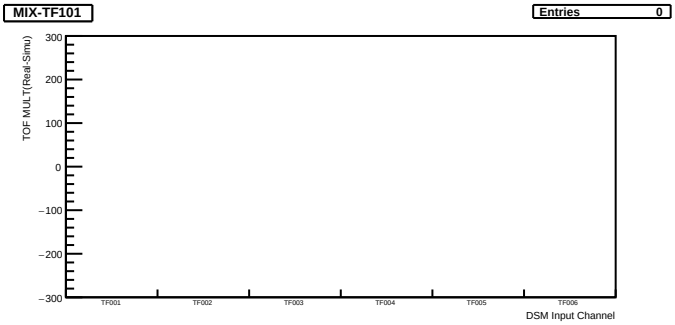

MIX-TF003
Entries 7395759
TOF MULT
TOF tray

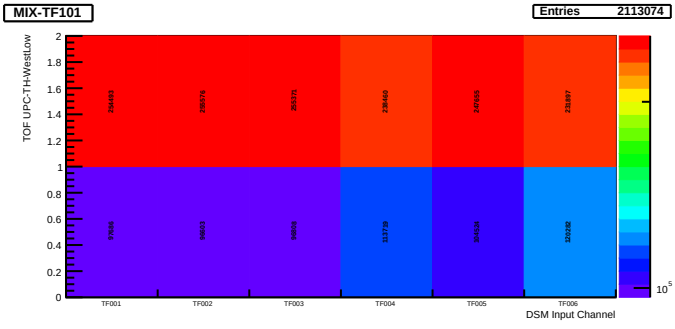

MIX-TF004
Entries 7395759
TOF MULT
TOF tray

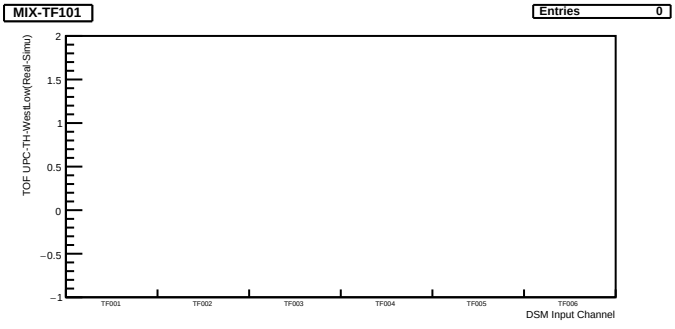

MIX-TF005
Entries 7395759
TOF MULT
TOF tray

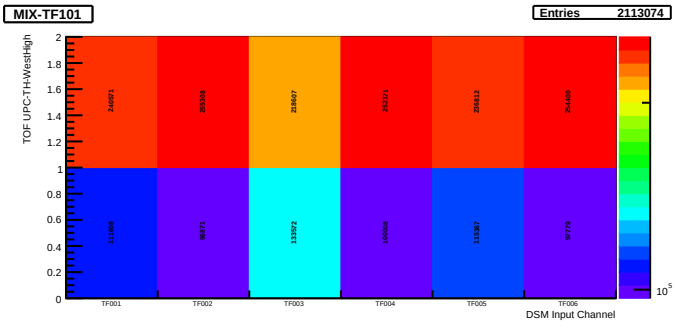

MIX-TF006
Entries 7395759
TOF MULT
TOF tray

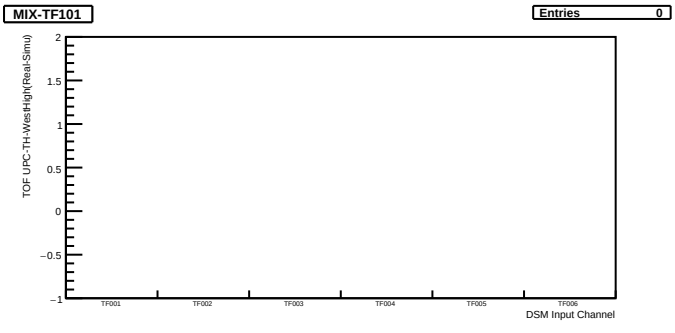

MIX-TF101
Entries 2113074
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

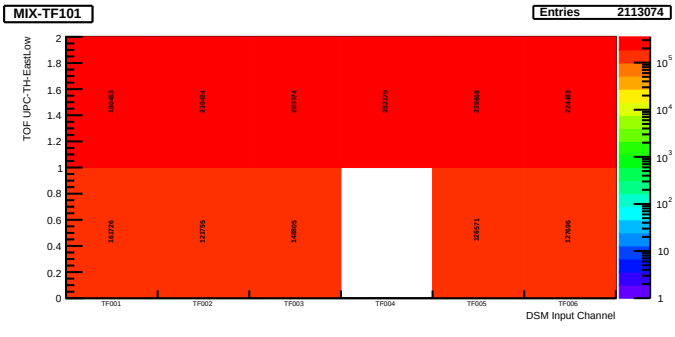

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

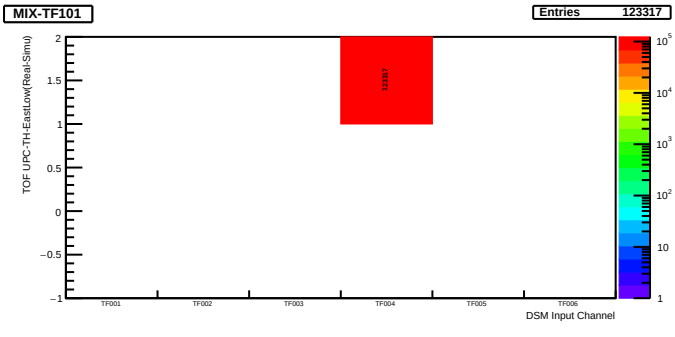

MIX-TF101
Entries 2113074
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

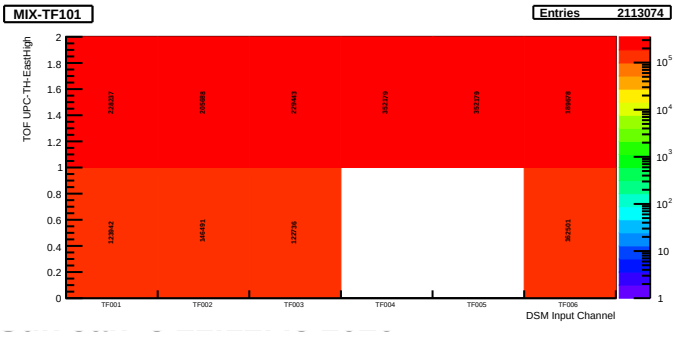

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

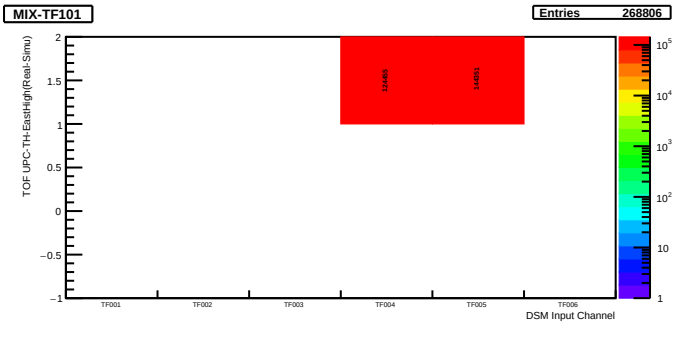

MIX-TF101
Entries 2113074
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

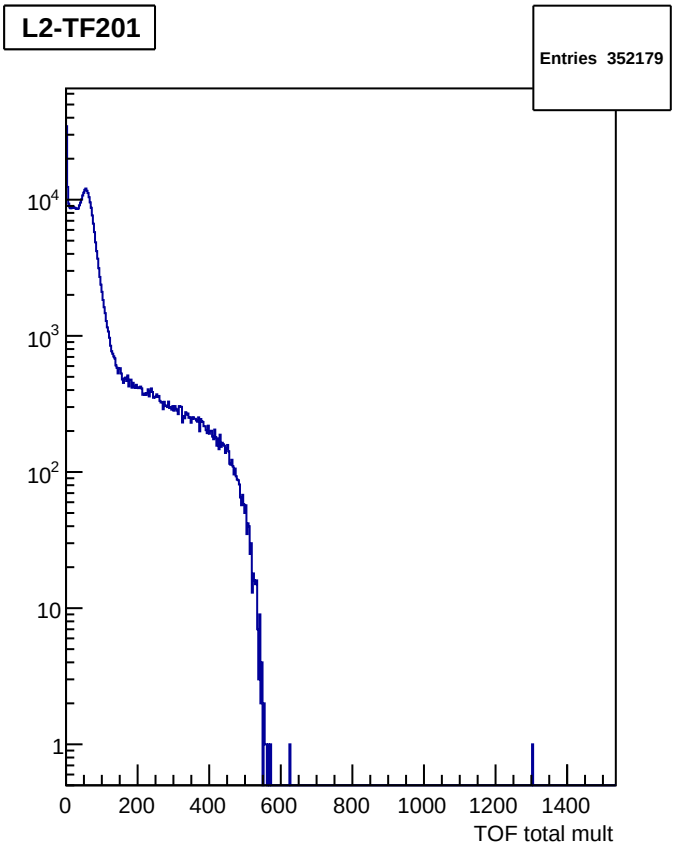

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

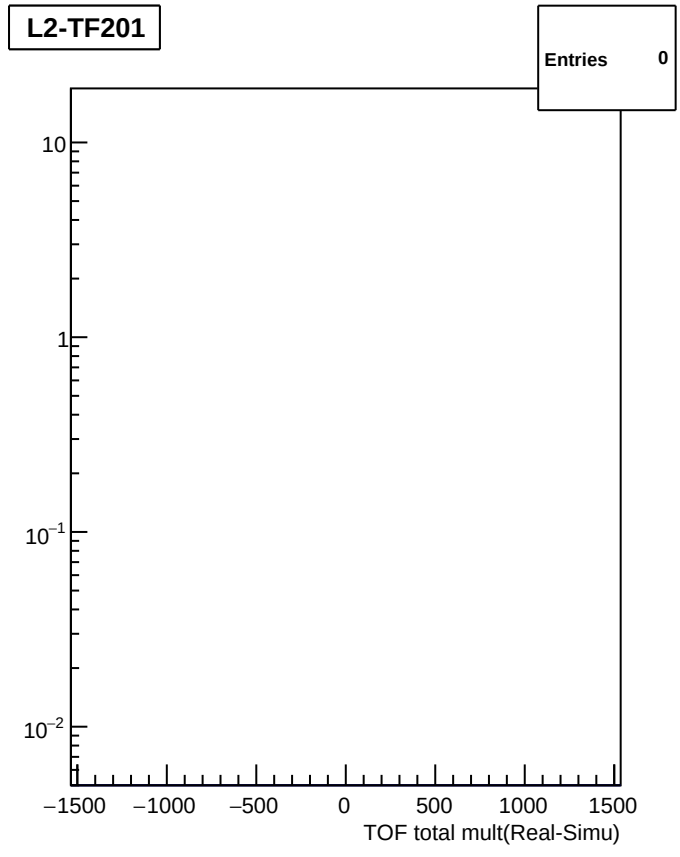

MIX-TF101
Entries 2113074
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

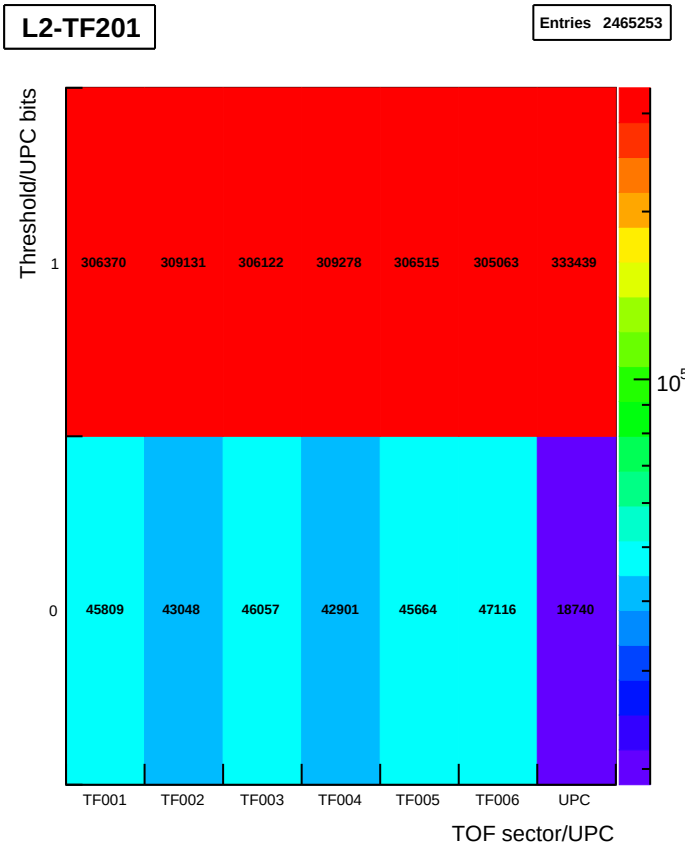

MIX-TF101
Entries 123317
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

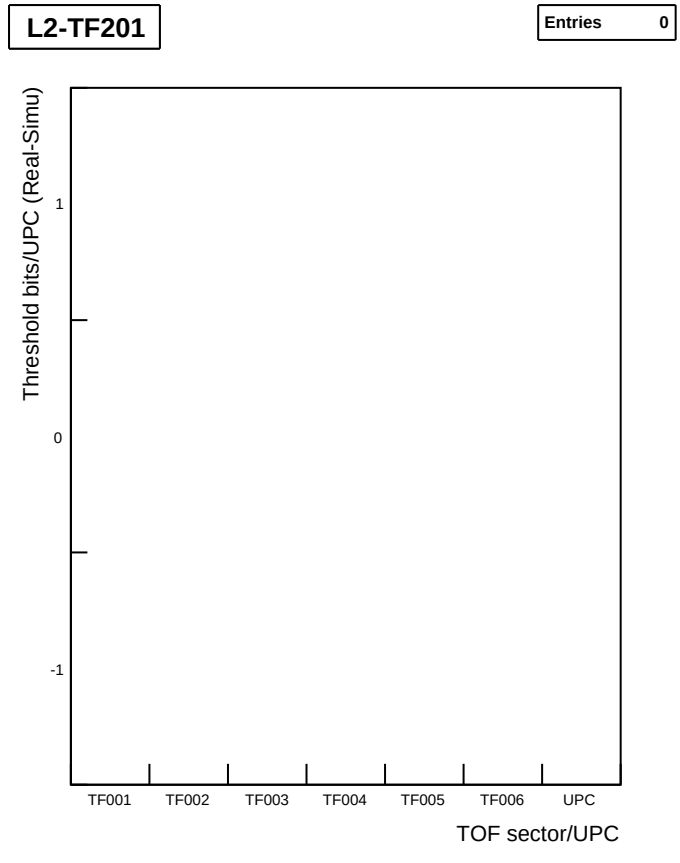

MIX-TF101
Entries 2113074
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

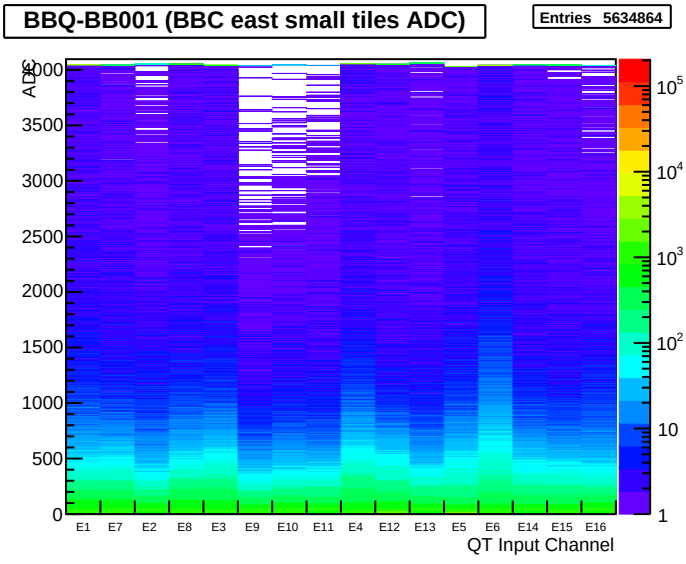

MIX-TF101
Entries 268806
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

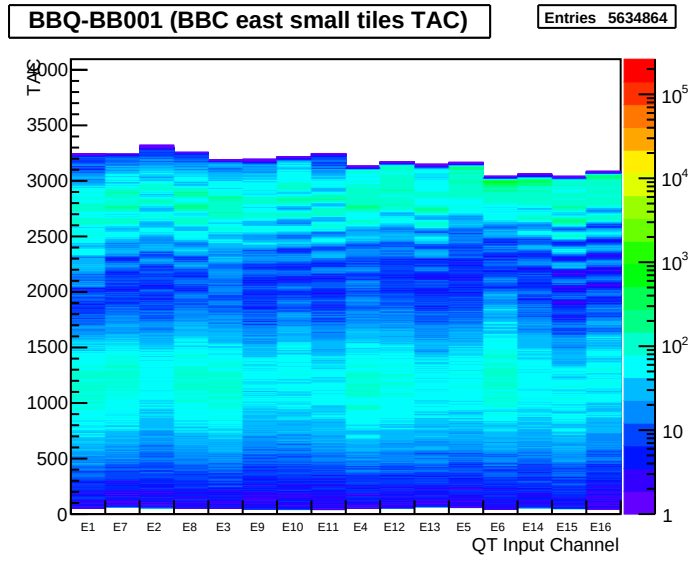

L2-TF201
Entries 352179
TOF total mult

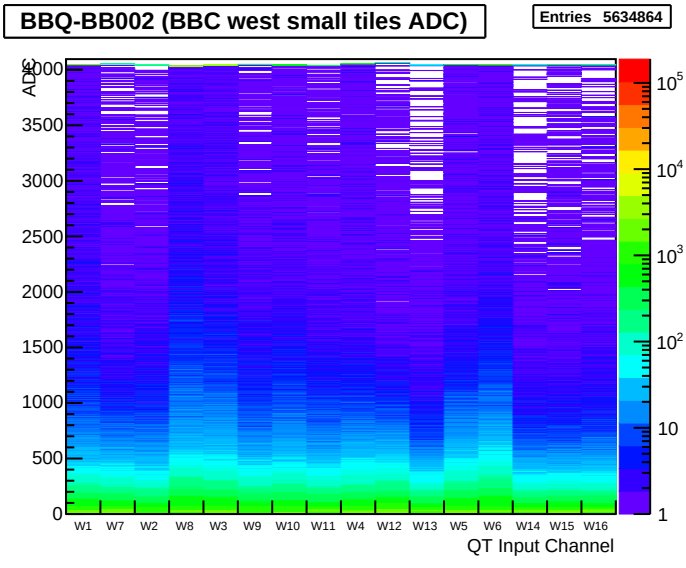

L2-TF201
Entries 0
TOF total mult(Real-Simu)

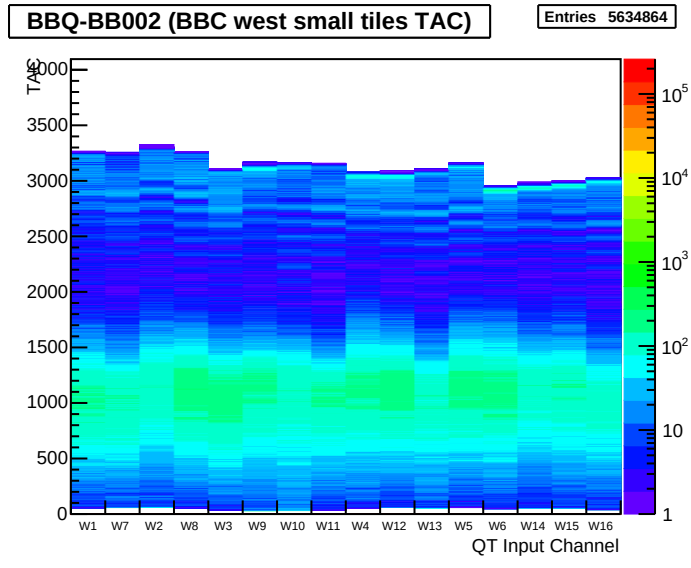

L2-TF201
Entries 2465253
Threshold/UPC bits
306370
309131
306122
309278
306515
305063
333439
45809
43048
46057
42901
45664
47116
18740
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

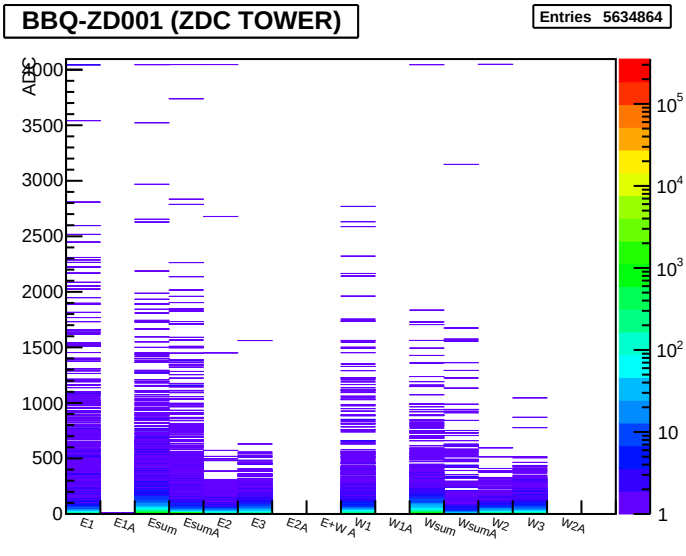

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

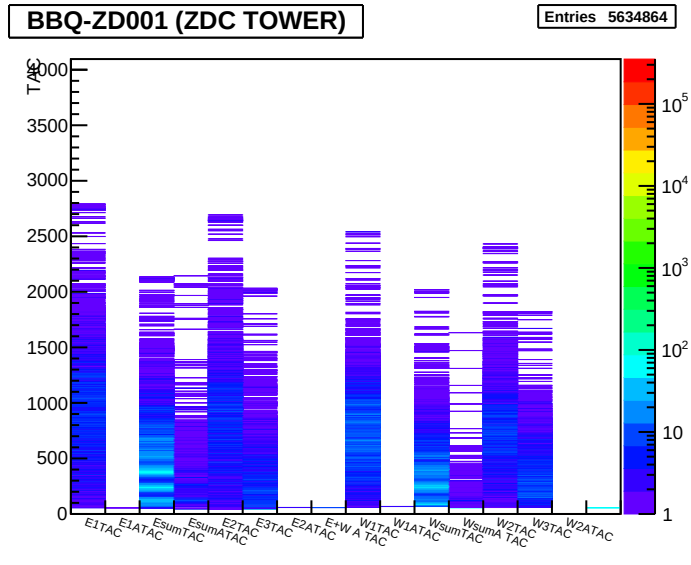

BBQ-BB001 (BBC east small tiles ADC)
Entries 5634864
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

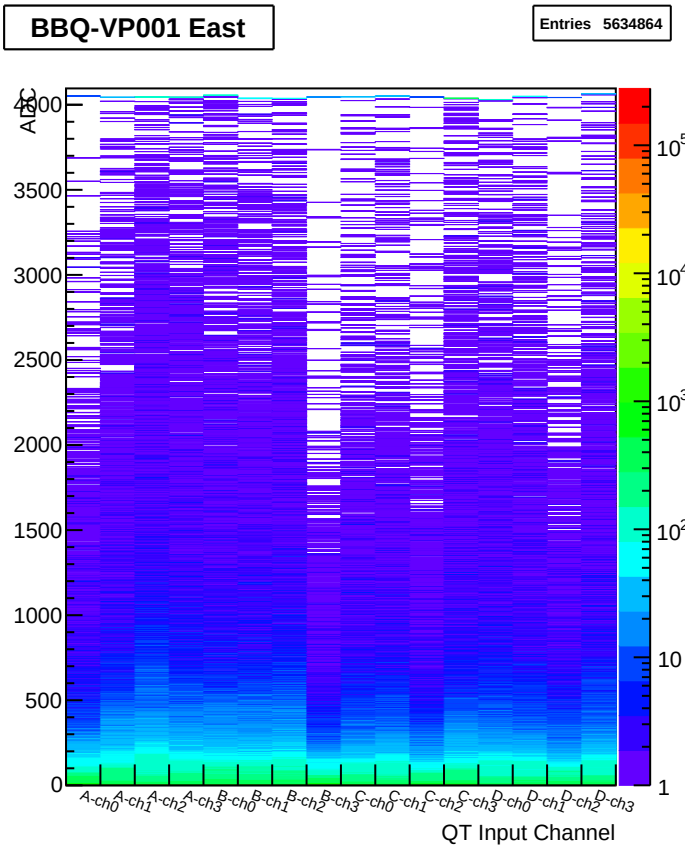

BBQ-BB001 (BBC east small tiles TAC)
Entries 5634864
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

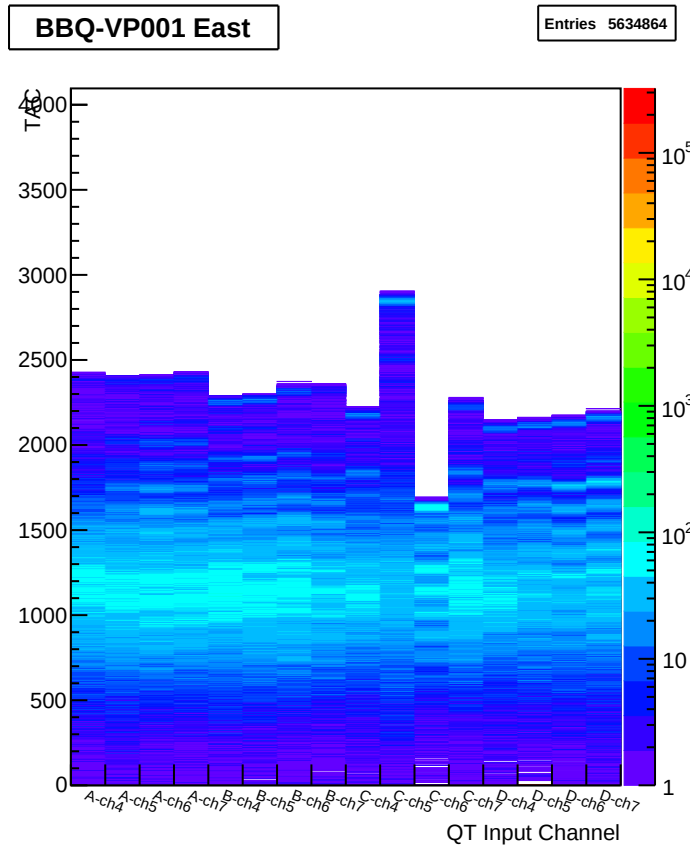

BBQ-BB002 (BBC west small tiles ADC)
Entries 5634864
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

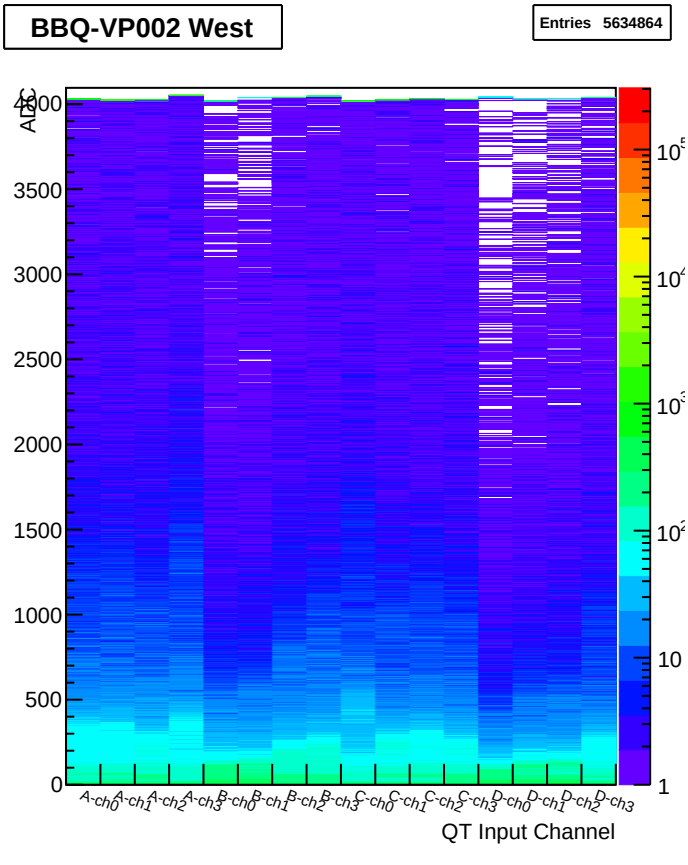

BBQ-BB002 (BBC west small tiles TAC)
Entries 5634864
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

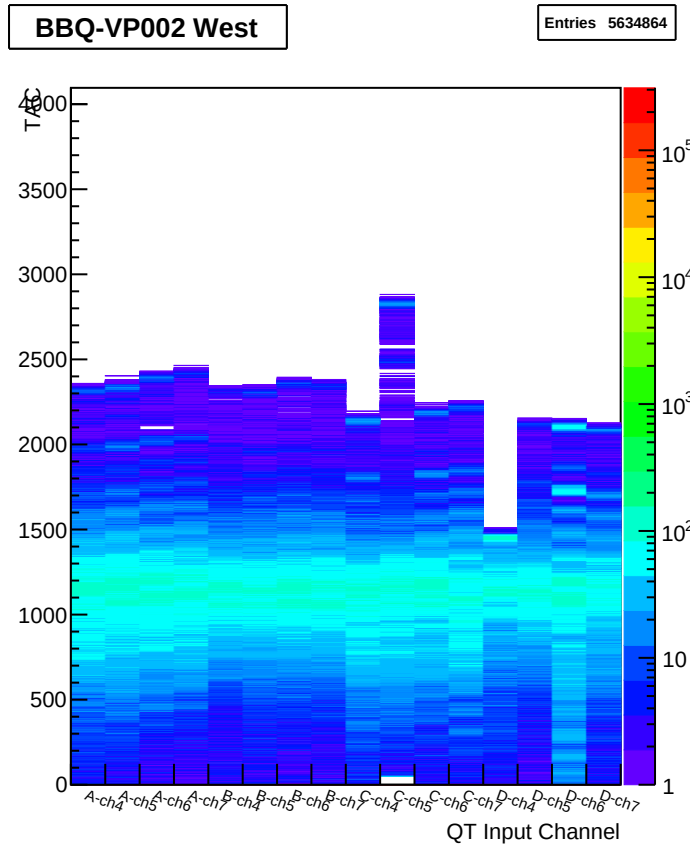

BBQ-ZD001 (ZDC TOWER)
Entries 5634864
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

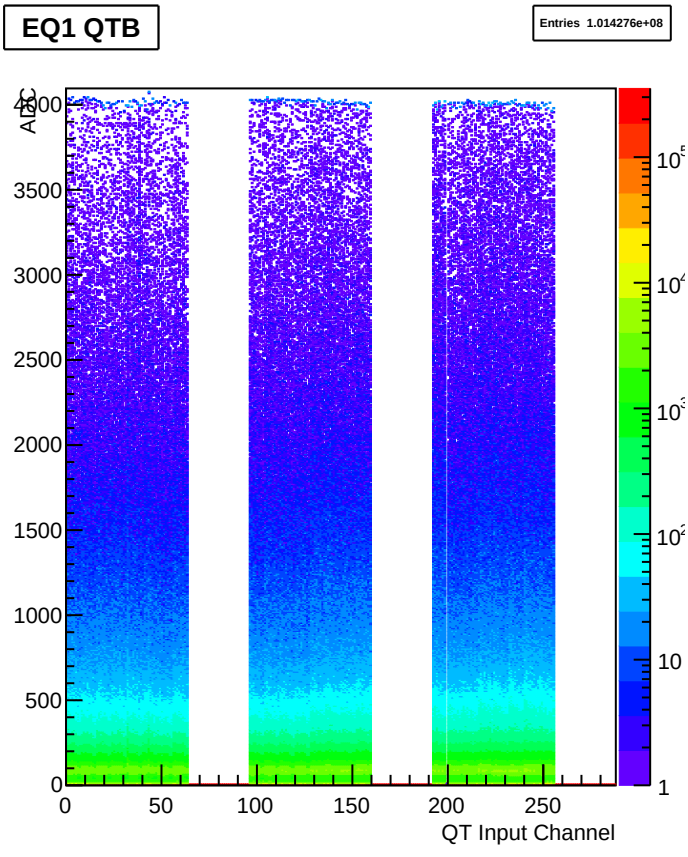

BBQ-ZD001 (ZDC TOWER)
Entries 5634864
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

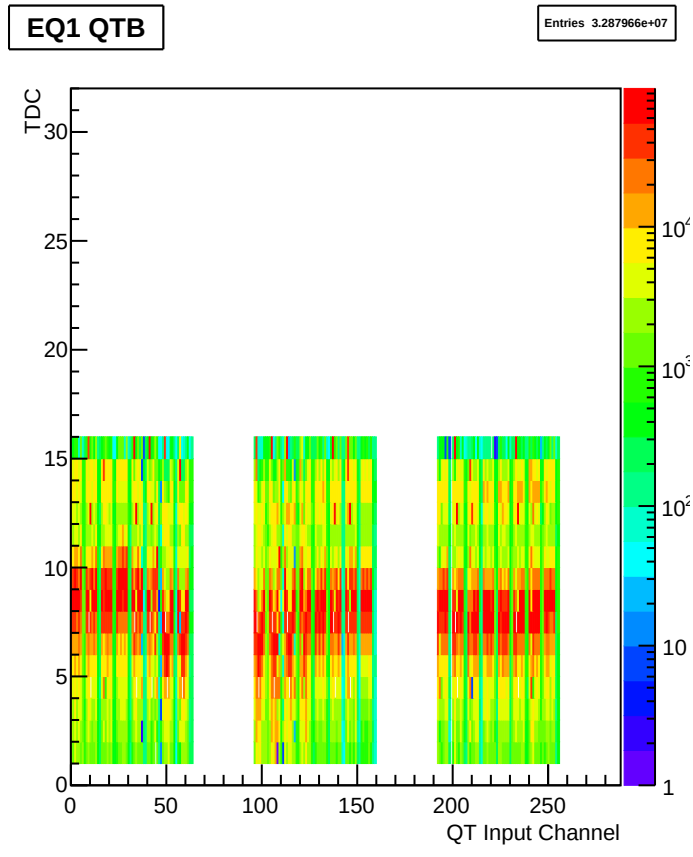

BBQ-VP001 East
Entries 5634864
ADC
QT Input Channel

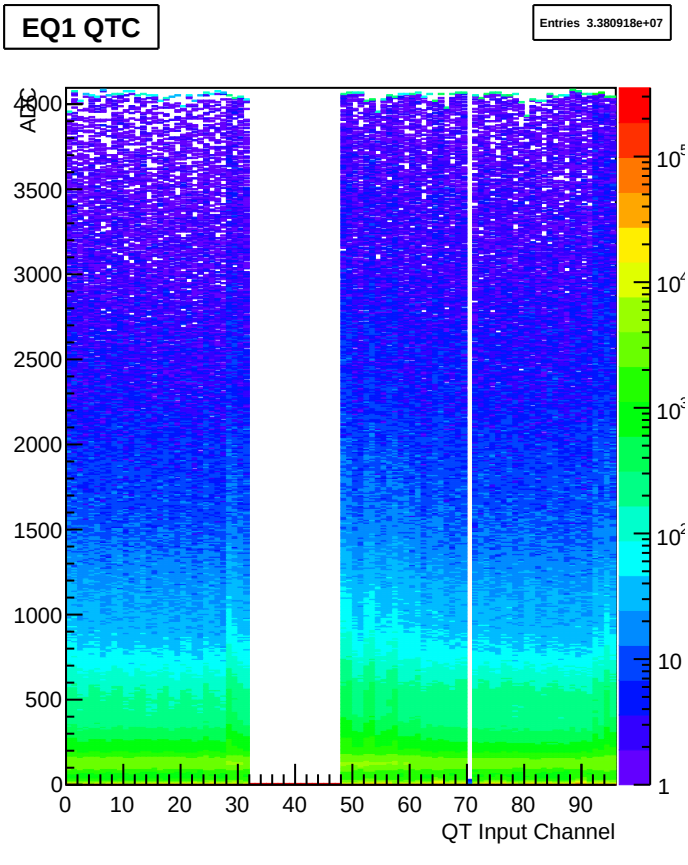

BBQ-VP001 East
Entries 5634864
TADC
QT Input Channel

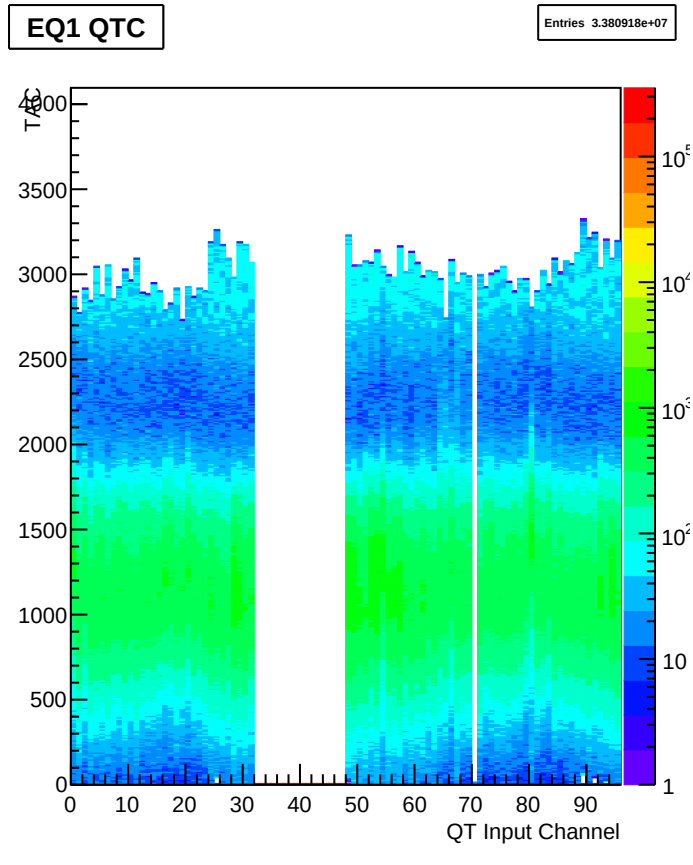

BBQ-VP002 West
Entries 5634864
ADC
QT Input Channel

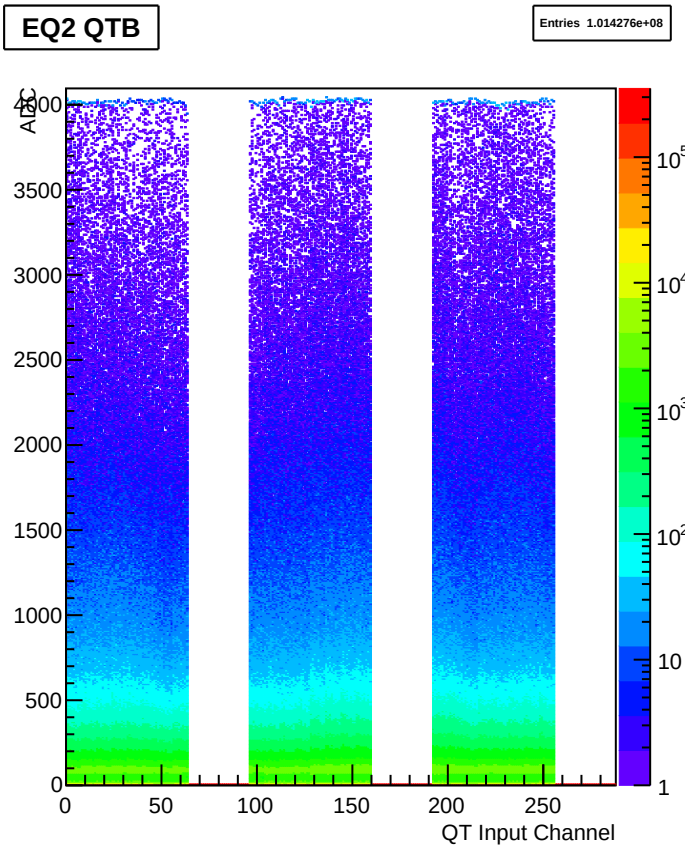

BBQ-VP002 West
Entries 5634864
TADC
QT Input Channel

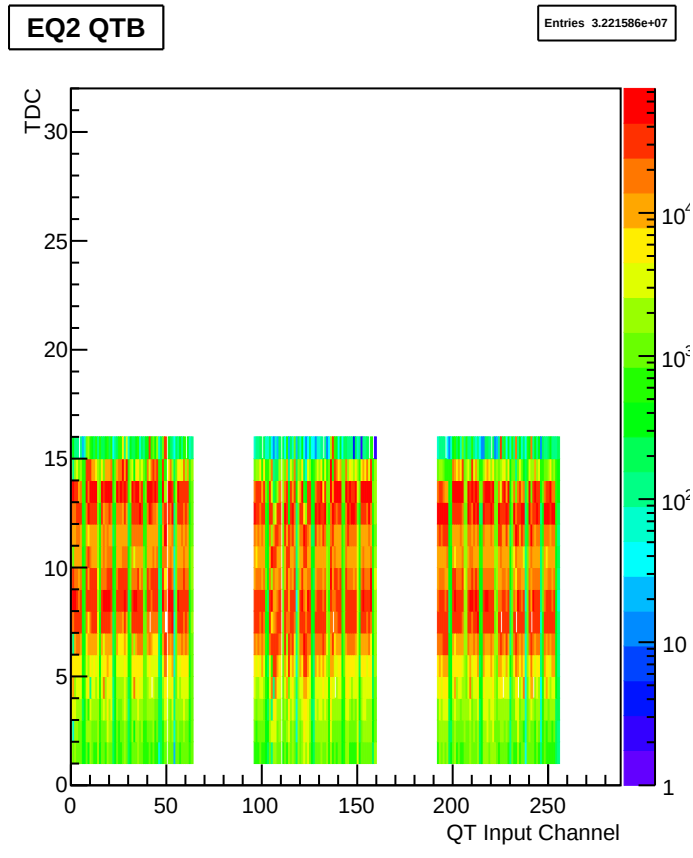

EQ1 QTB
Entries 1.014276e+08
ADC
QT Input Channel

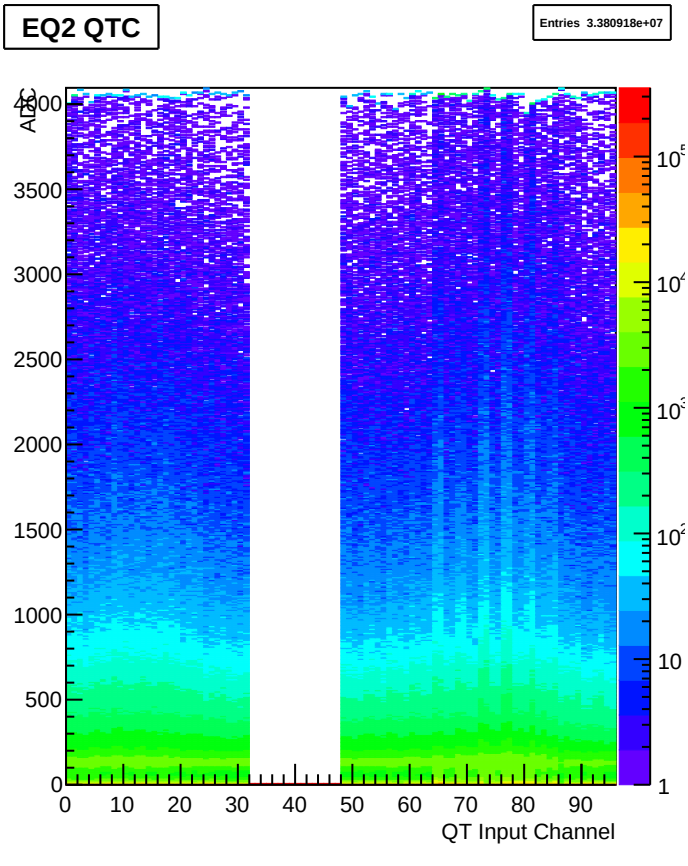

EQ1 QTB
Entries 3.287966e+07
TDC
QT Input Channel

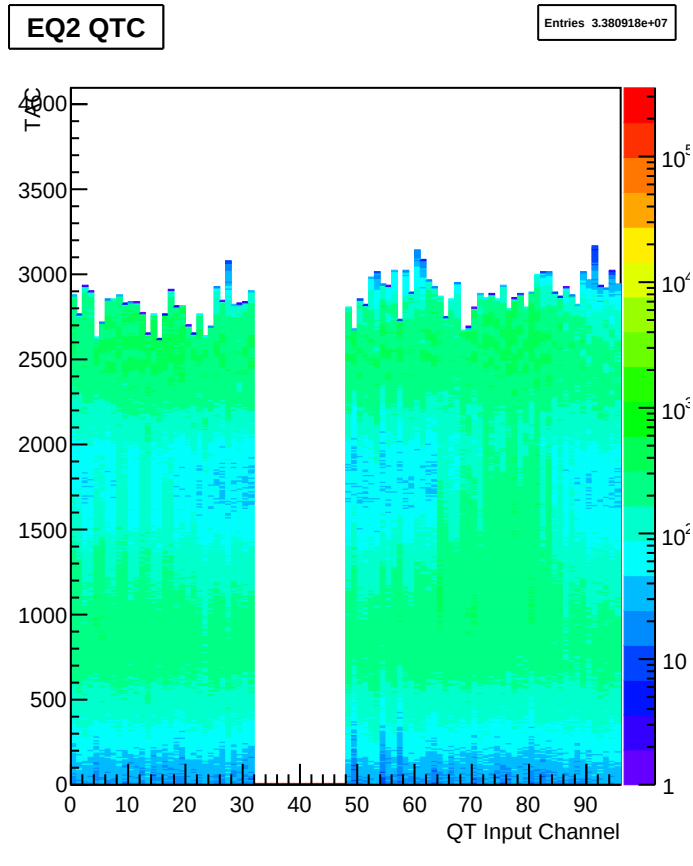

EQ1 QTC
Entries 3.380918e+07
ADC
QT Input Channel

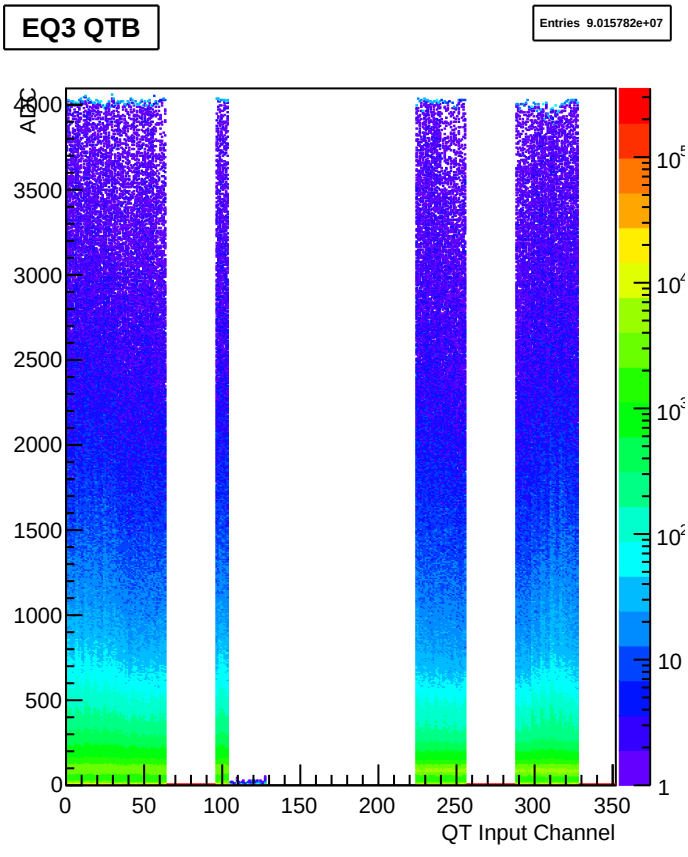

EQ1 QTC
Entries 3.380918e+07
TADC
QT Input Channel

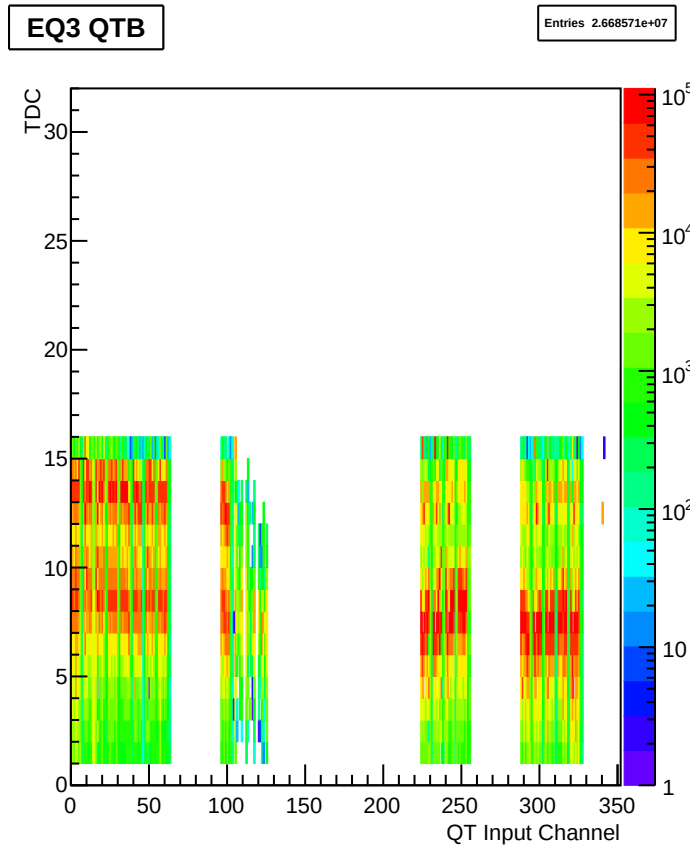

EQ2 QTB
Entries 1.014276e+08
ADC
QT Input Channel

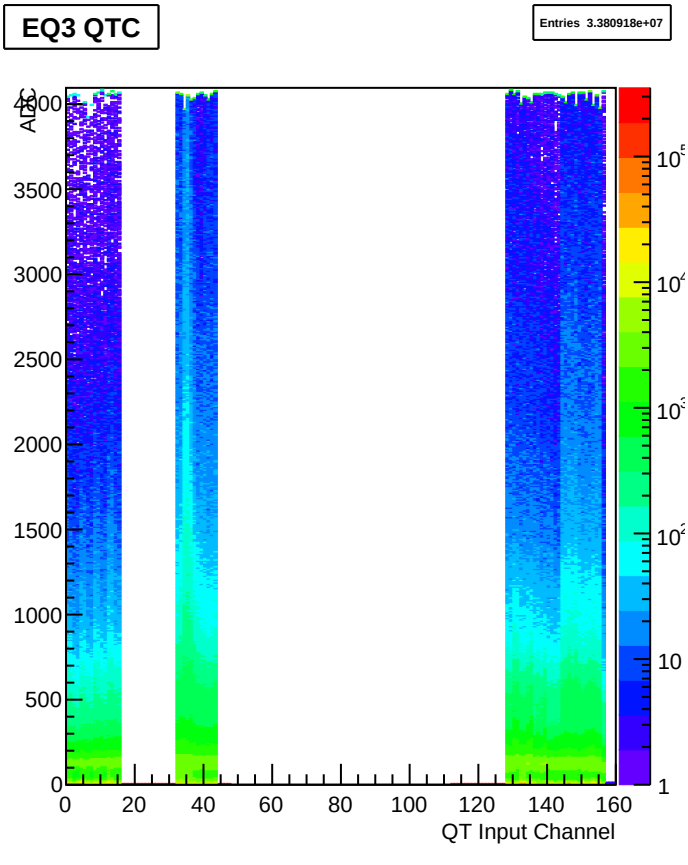

EQ2 QTB
Entries 3.221586e+07
TDC
QT Input Channel

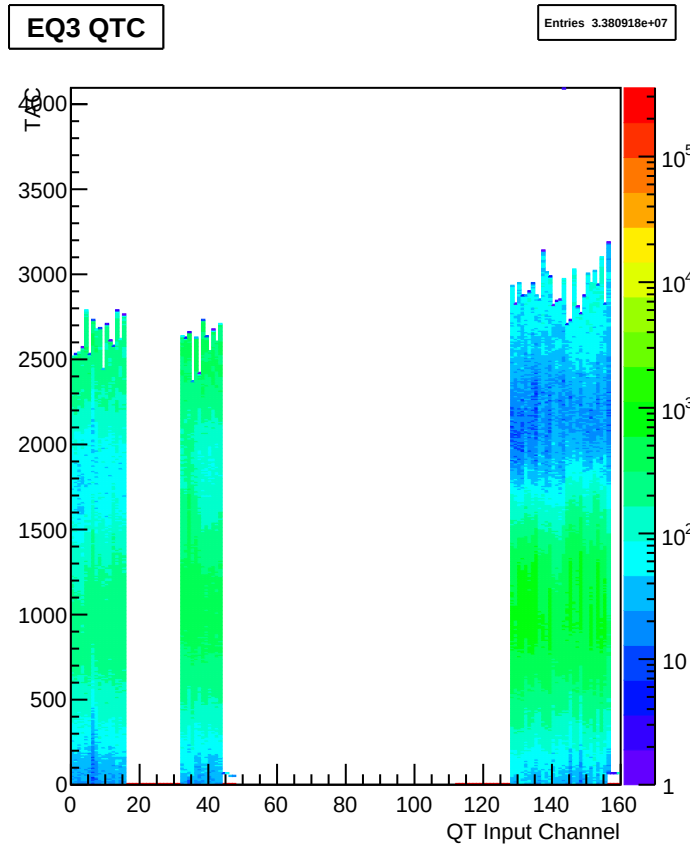

EQ2 QTC
Entries 3.380918e+07
ADC
QT Input Channel

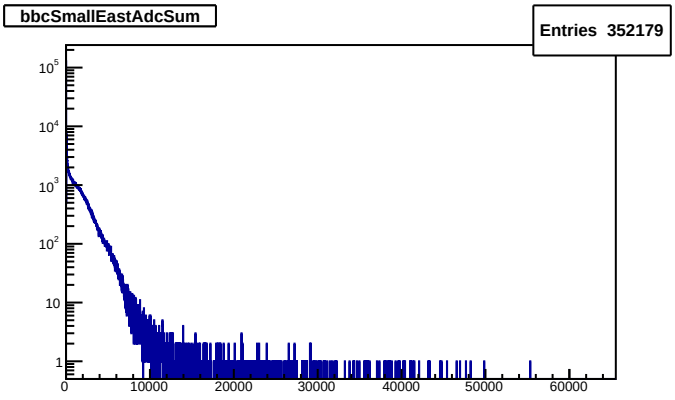

EQ2 QTC
Entries 3.380918e+07
TADC
QT Input Channel

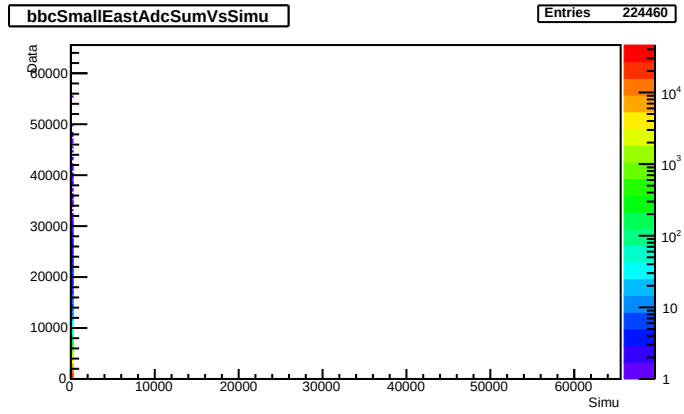

EQ3 QTB
Entries 9.015782e+07
ADC
QT Input Channel

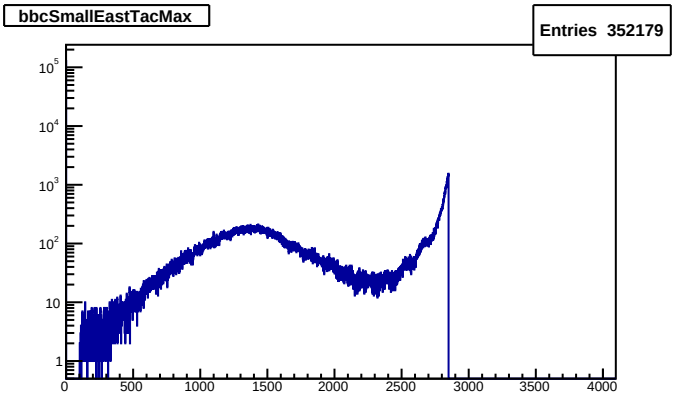

EQ3 QTB
Entries 2.668571e+07
TDC
QT Input Channel


EQ3 QTC
Entries 3.380918e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.380918e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 352179


bbcSmallEastAdcSumVsSimu
Entries 224460
Data
Simu


bbcSmallEastTacMax
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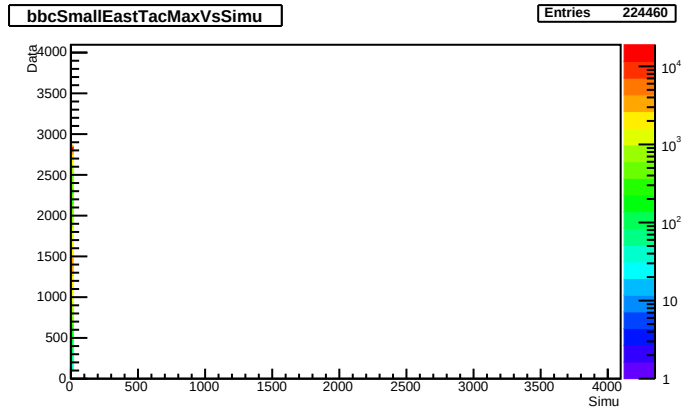
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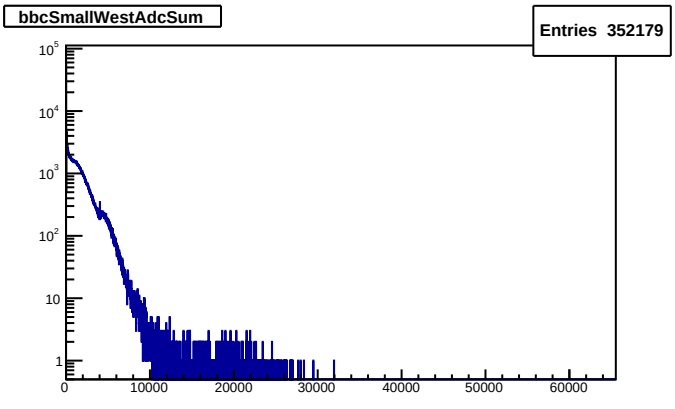
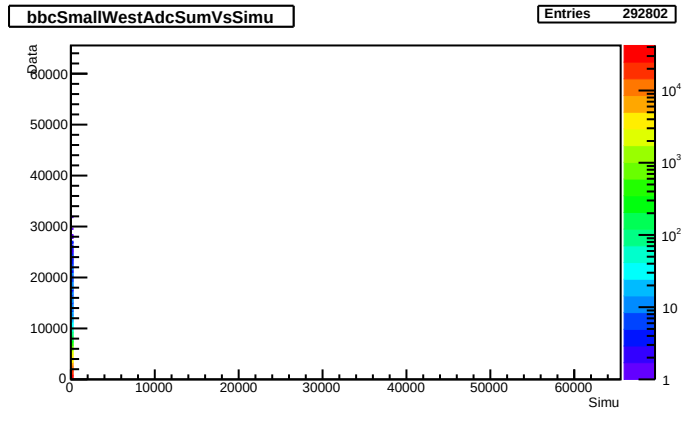

bbcSmallWestAdcSum
Entries 352179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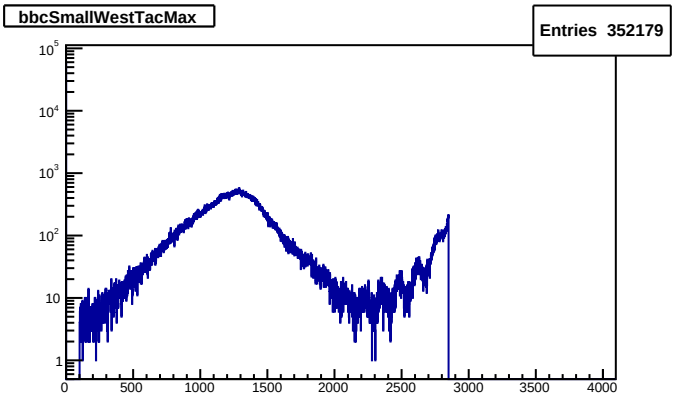
Entries 292802
Data
Simu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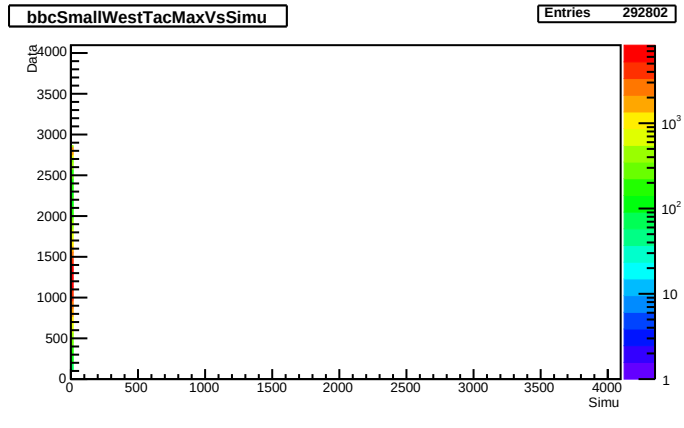
Entries 352179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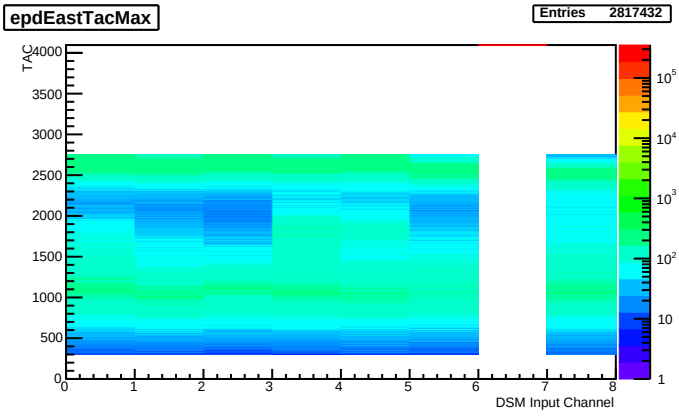
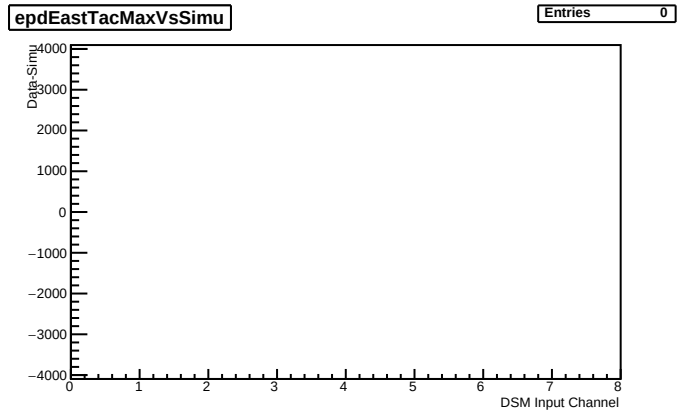
Entries 292802
Data
Simu


epdEastTacMax
Entries 2817432
TAC
DSM Input Channel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Entries 0
Data-Simu
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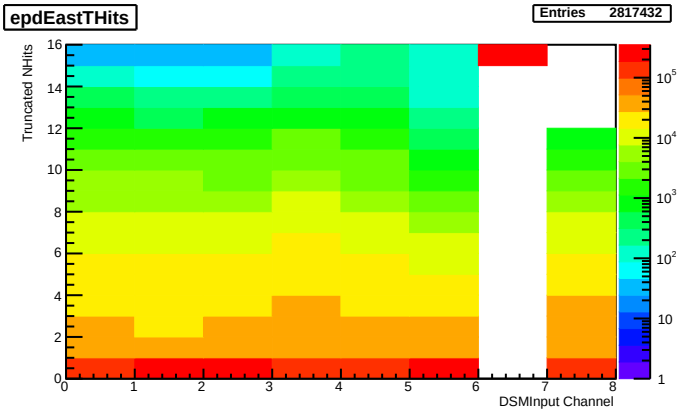
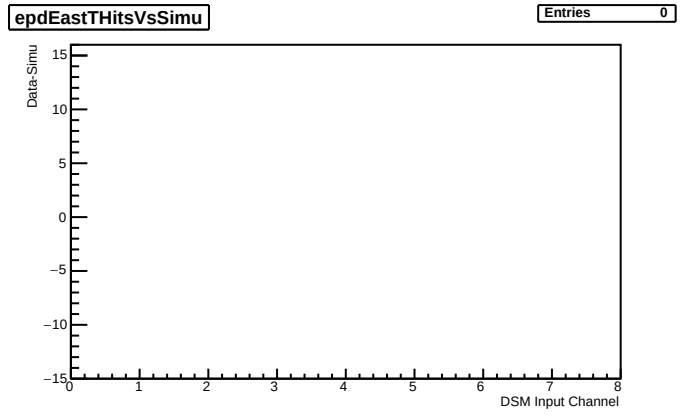

epdEastTHits
Entries 2817432
Truncated NHits
DSMInput Channel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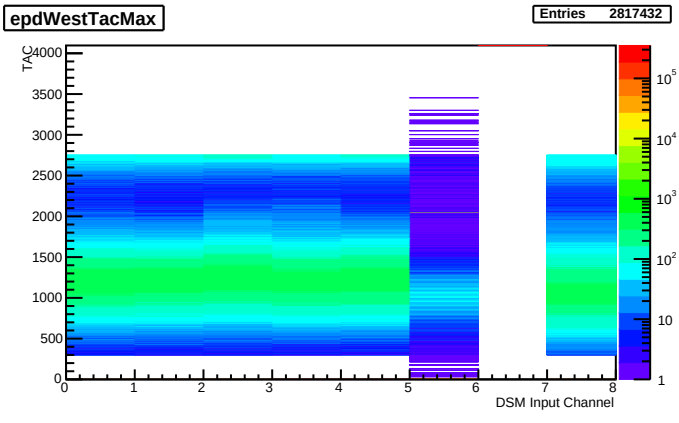
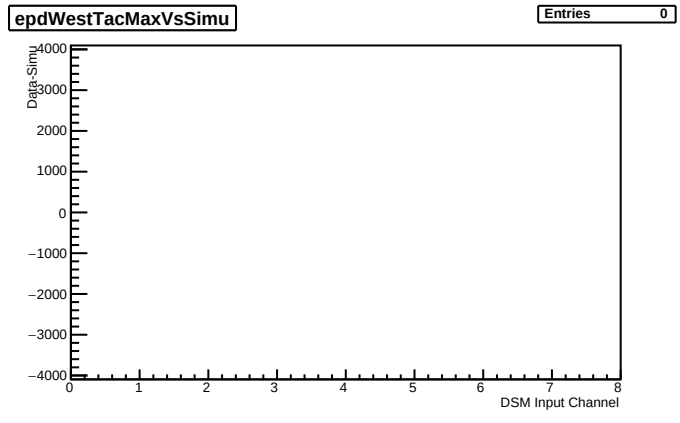
DSM Input Channel


epdWestTacMax
Entries 2817432
TAC
DSM Input Channel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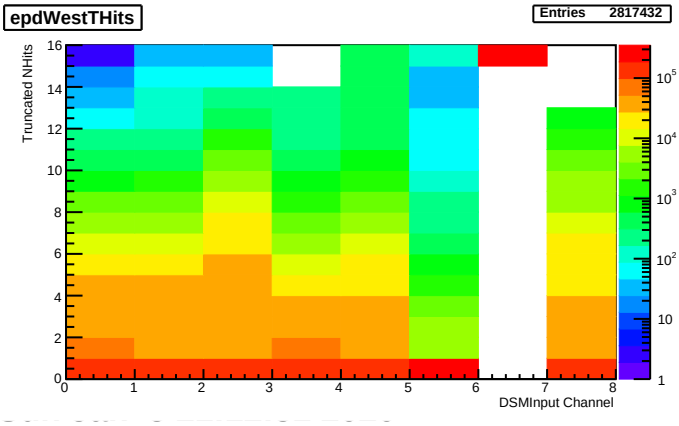
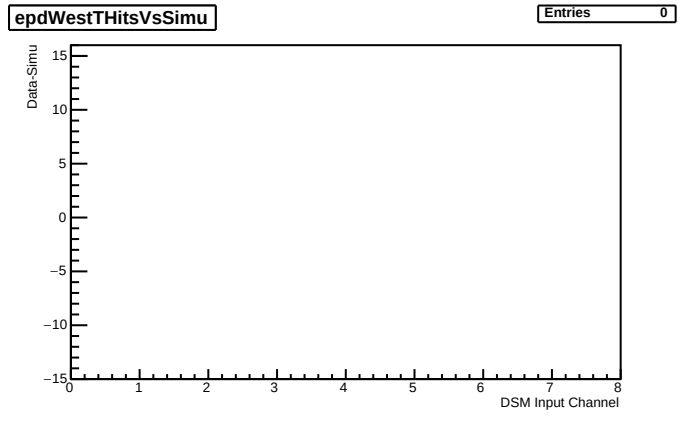
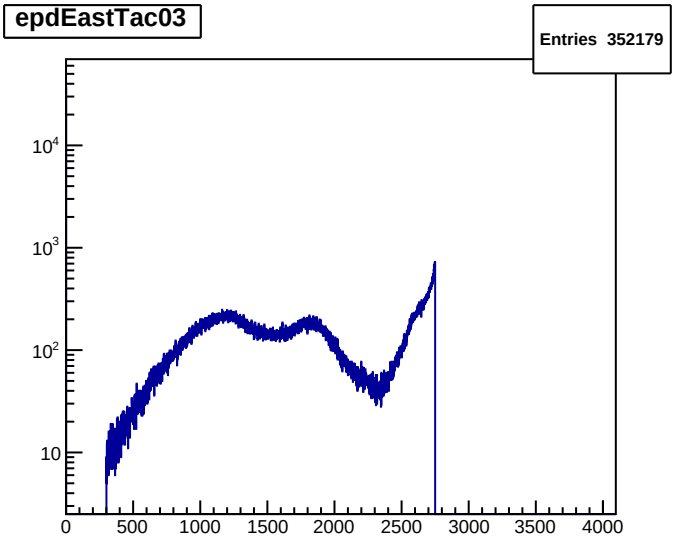
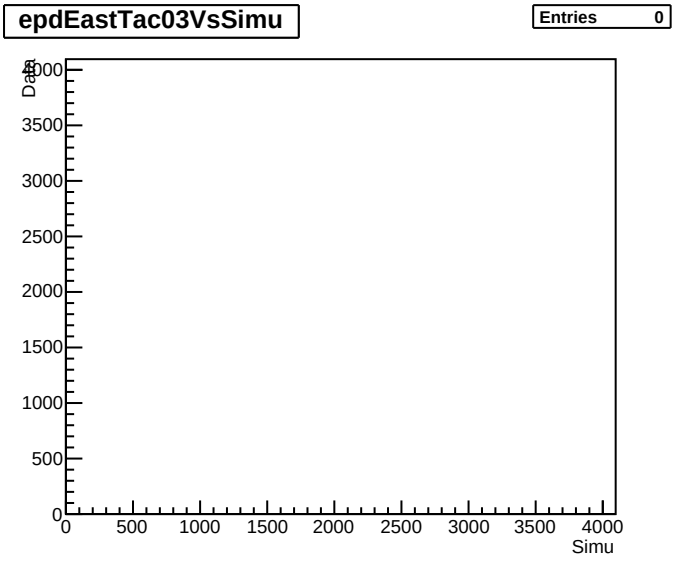
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2817432
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 352179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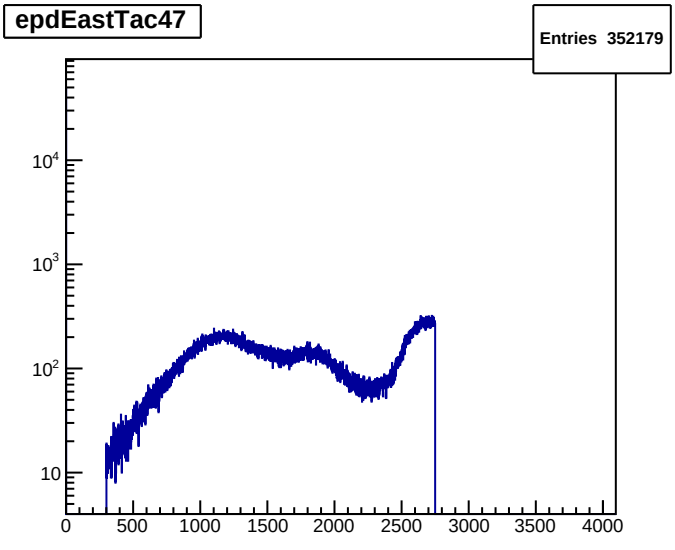
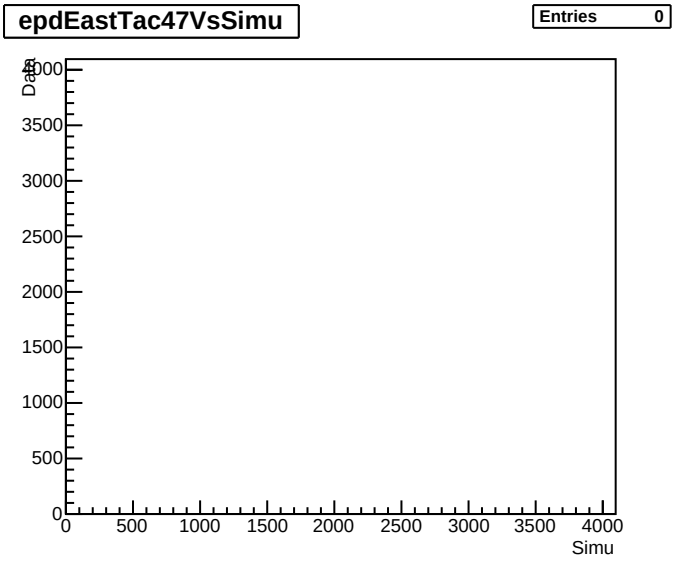
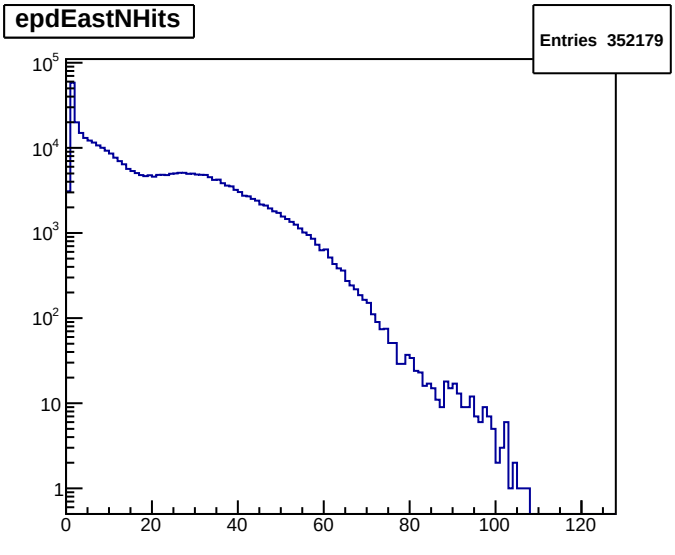
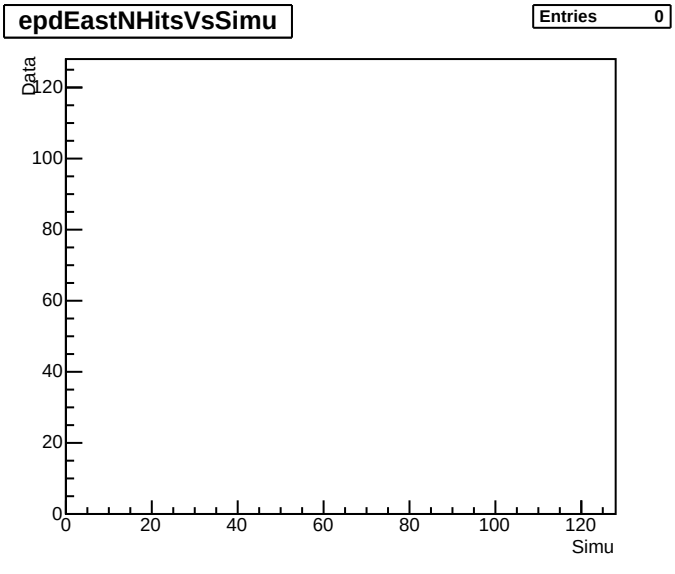
Entries 0
Data
Simu


epdEastTac47
Entries 352179


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 352179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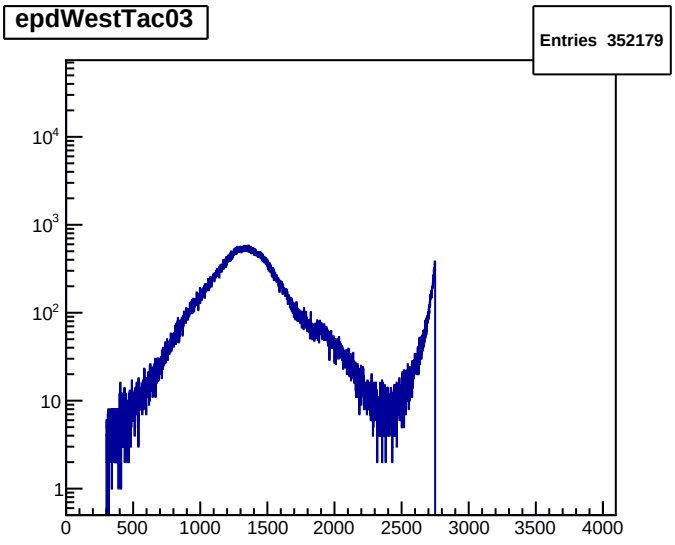
Entries 0
Data
Simu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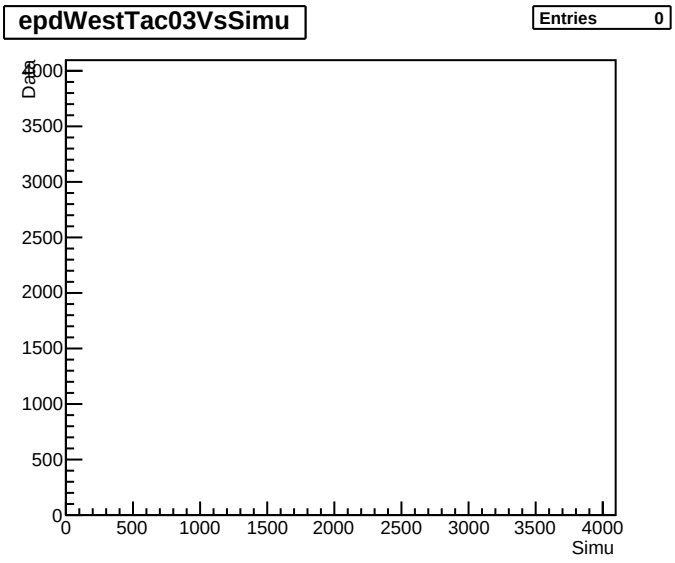
Entries 352179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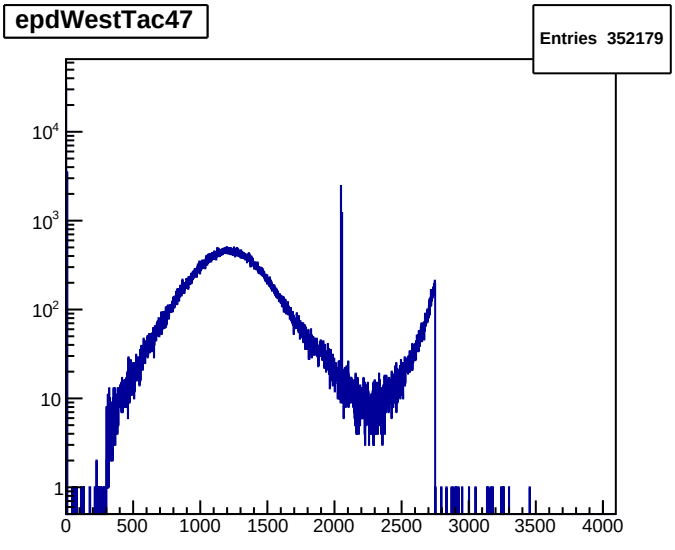
Entries 0
Data
Simu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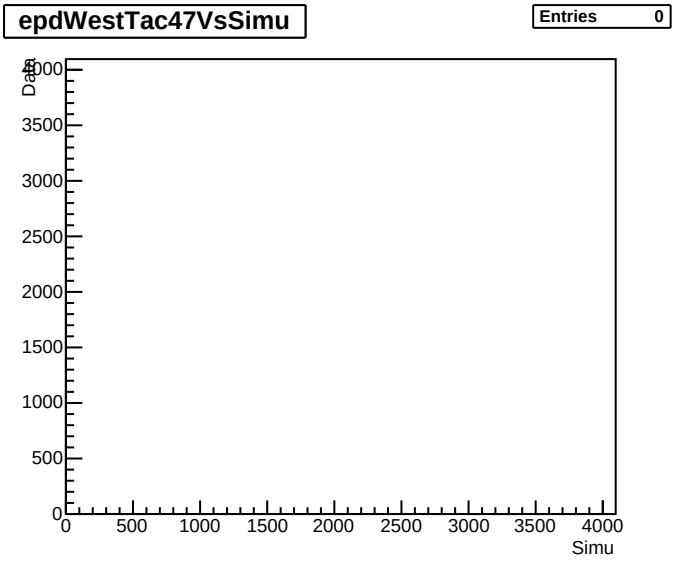
Entries 352179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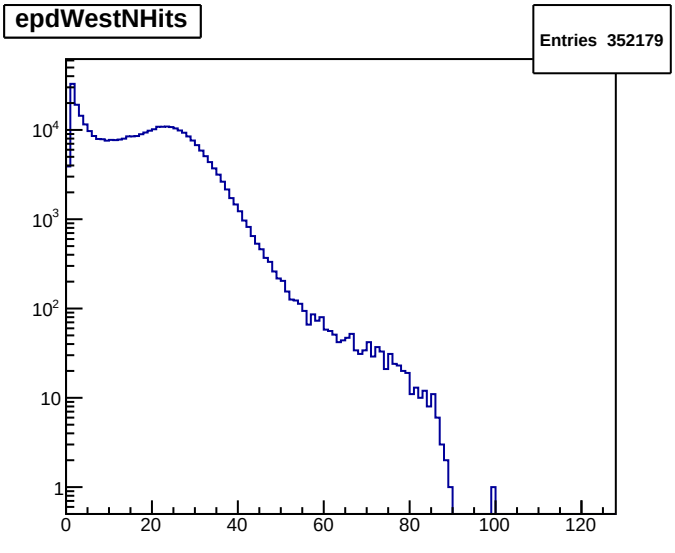
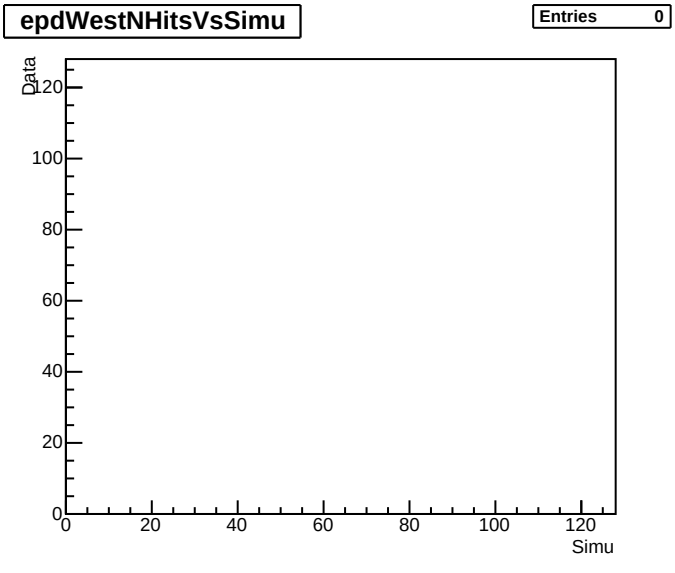
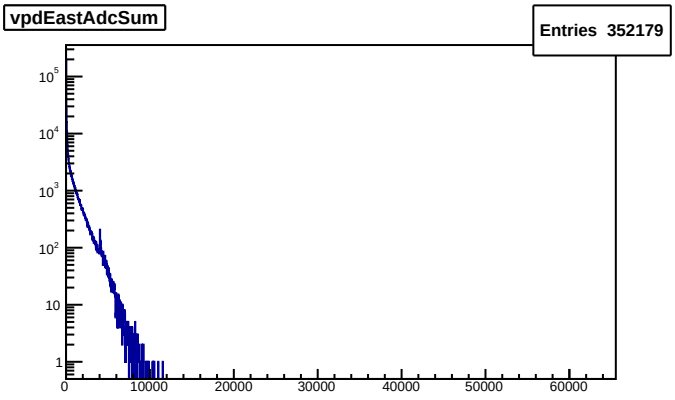
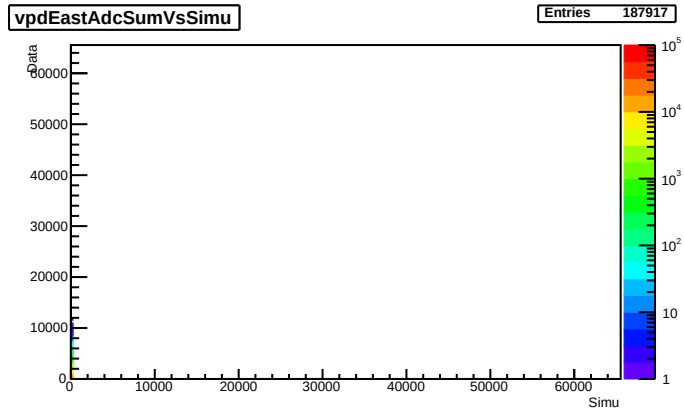
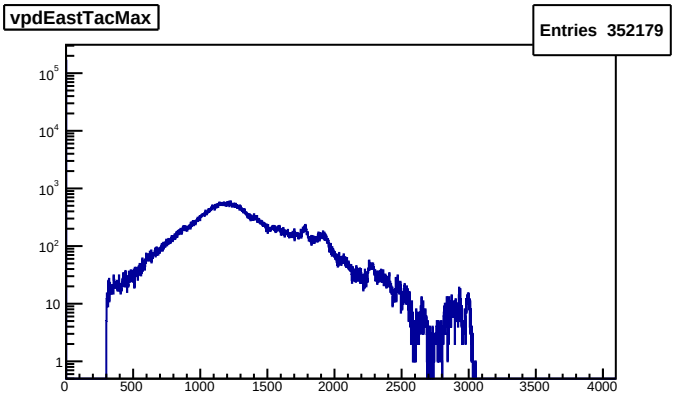
Entries 0
Data
Simu

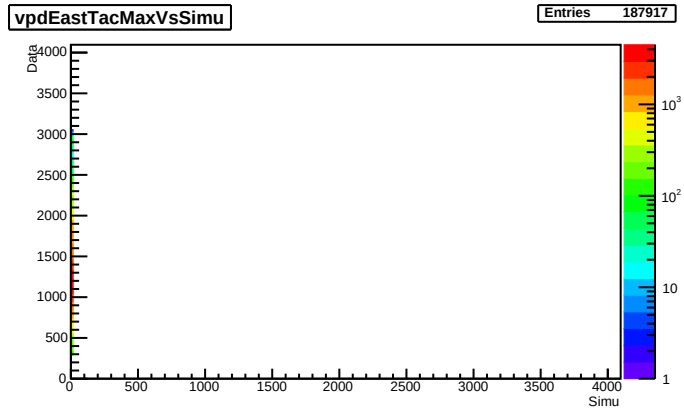

epdWestNHits
Entries 352179

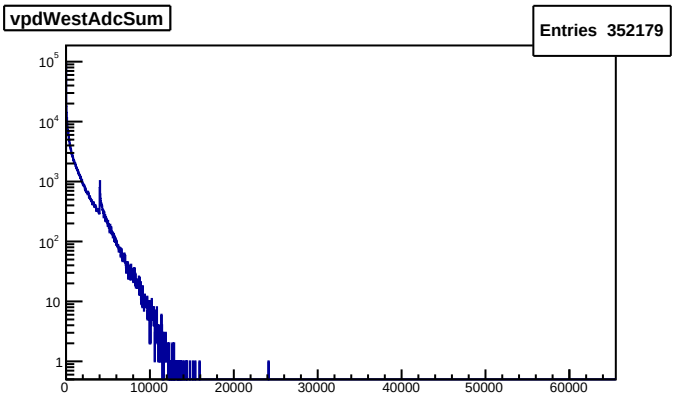

epdWestNHitsVsSimu
Entries 0
Data
Simu

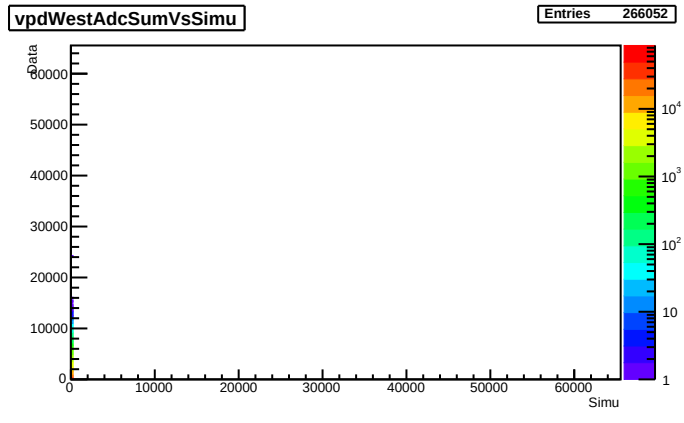

vpdEastAdcSum
Entries 352179

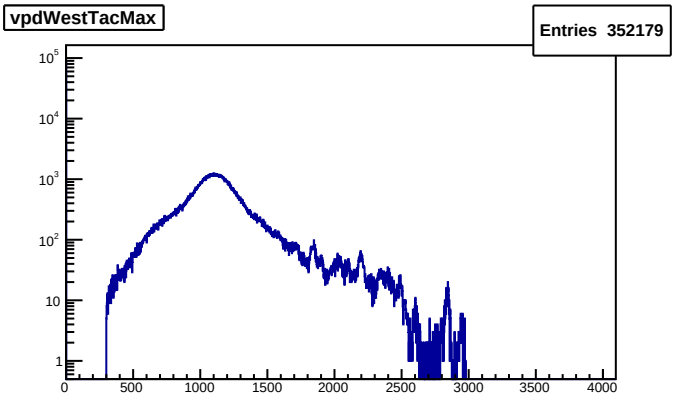

vpdEastAdcSumVsSimu
Entries 187917
Data
Simu

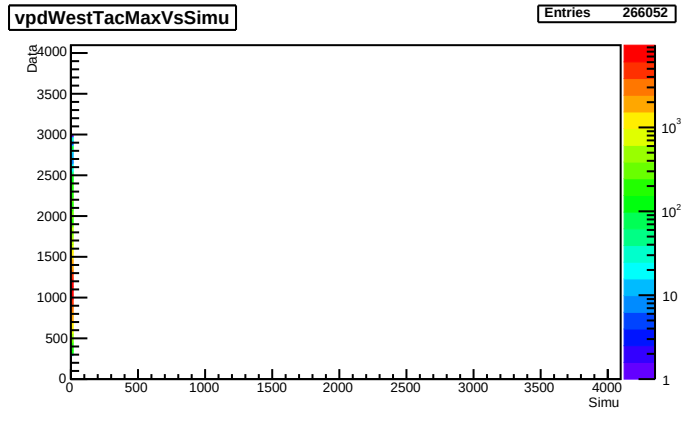

vpdEastTacMax
Entries 352179

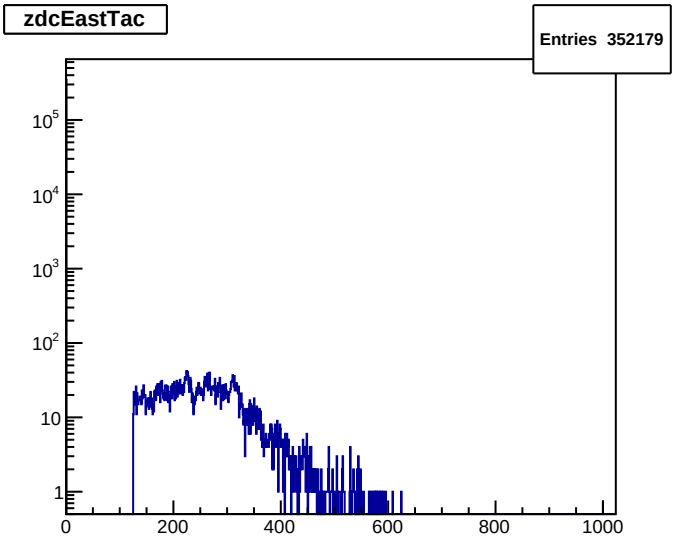

vpdEastTacMaxVsSimu
Entries 187917
Data
Simu

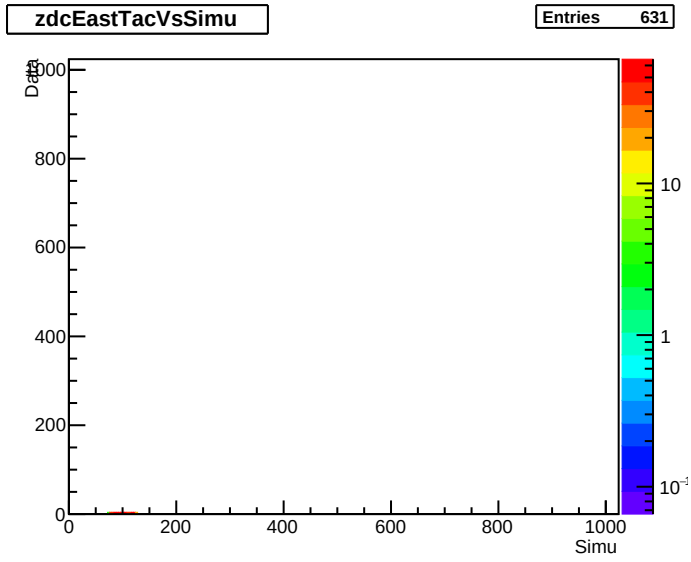

vpdWestAdcSum
Entries 352179

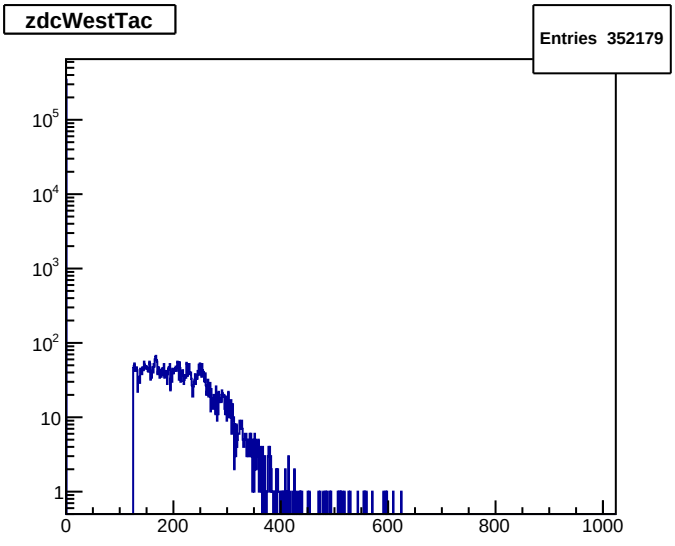

vpdWestAdcSumVsSimu
Entries 266052
Data
Simu

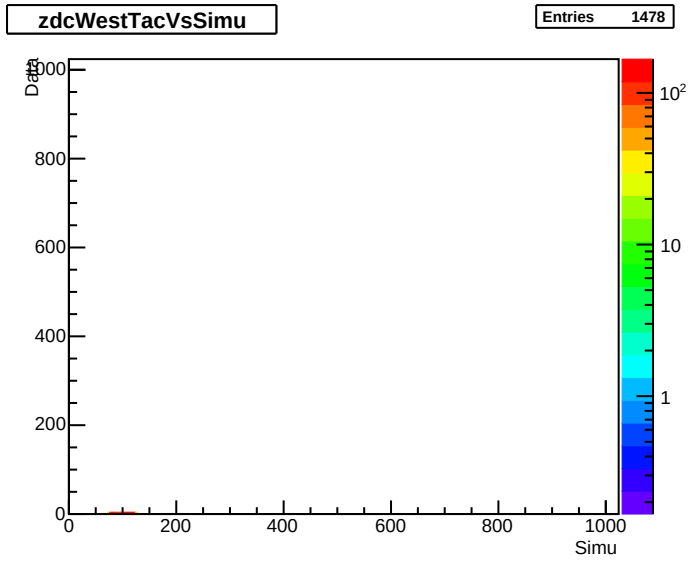

vpdWestTacMax
Entries 352179

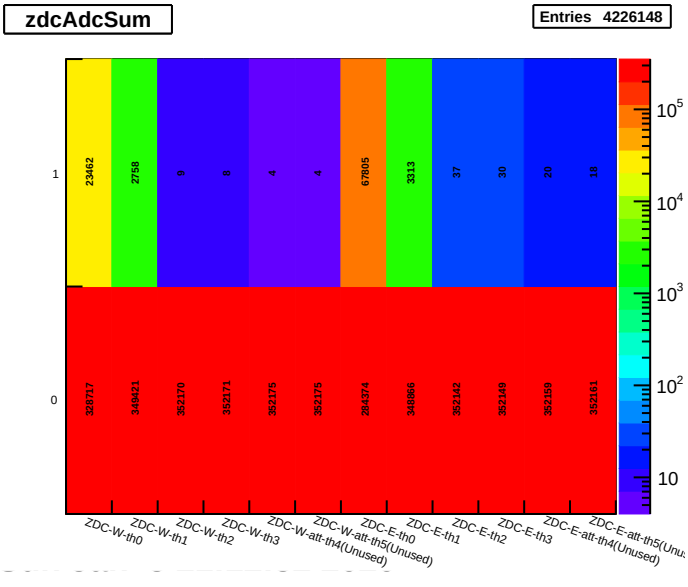

vpdWestTacMaxVsSimu
Entries 266052
Data
Simu

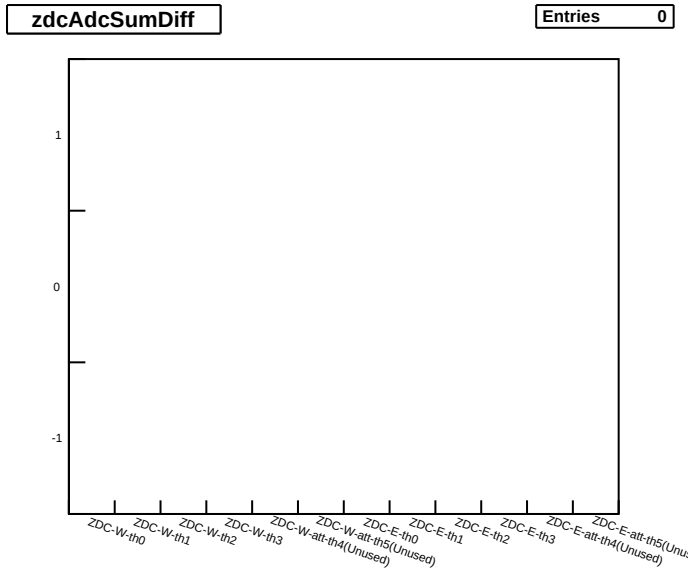

zdcEastTac
Entries 352179

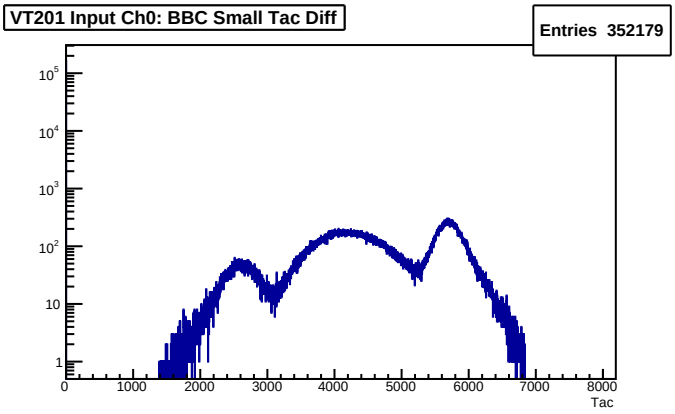

zdcEastTacVsSimu
Entries 631
Data
Simu

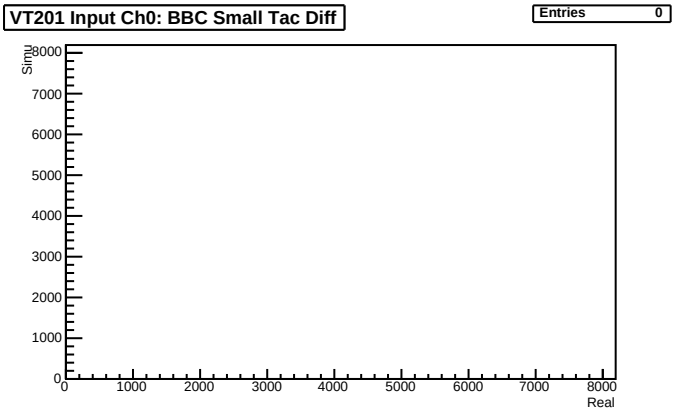

zdcWestTac
Entries 352179

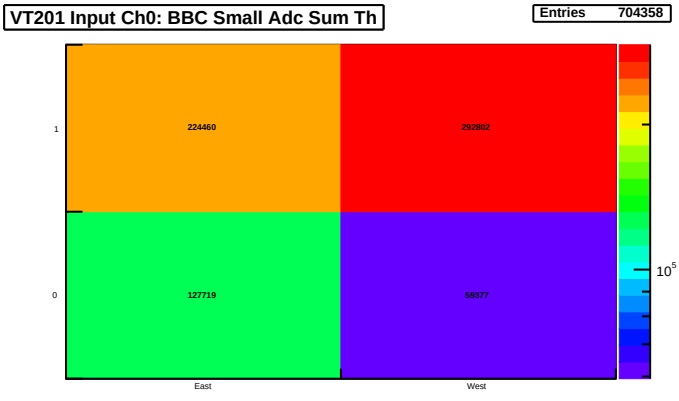

zdcWestTacVsSimu
Entries 1478
Data
Simu

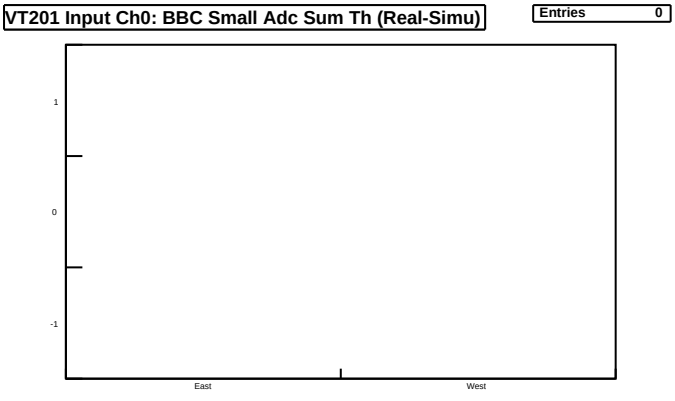

zdcAdcSum
Entries 4226148
23462
2758
9
8
4
4
67805
3313
37
30
20
18
328717
349421
352170
352171
352175
352175
284374
348866
352142
352149
352159
352161
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

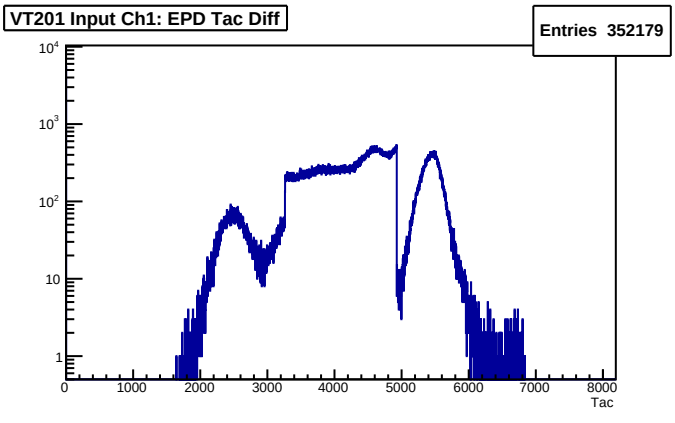

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

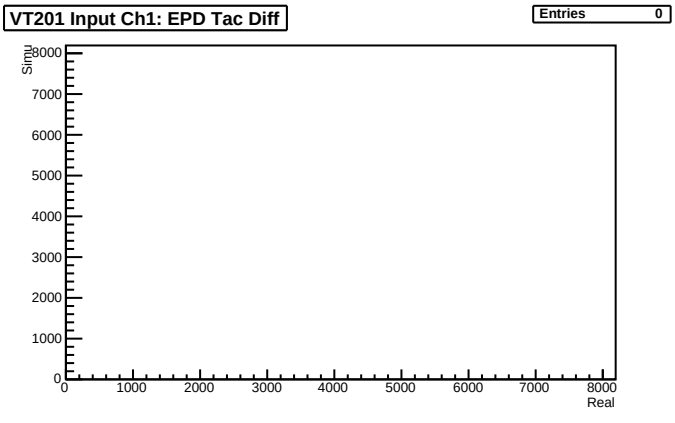

VT201 Input Ch0: BBC Small Tac Diff
Entries 352179
Tac

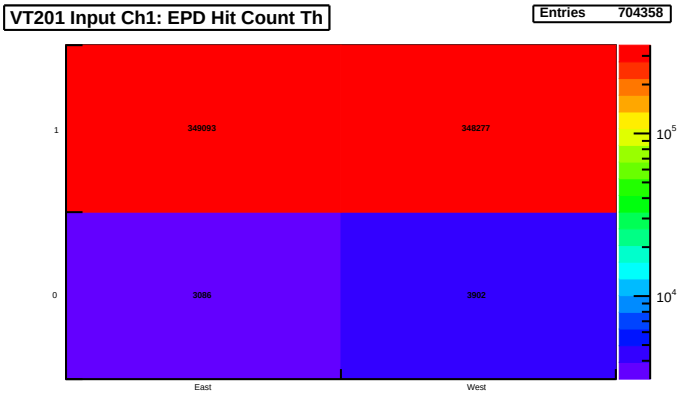

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

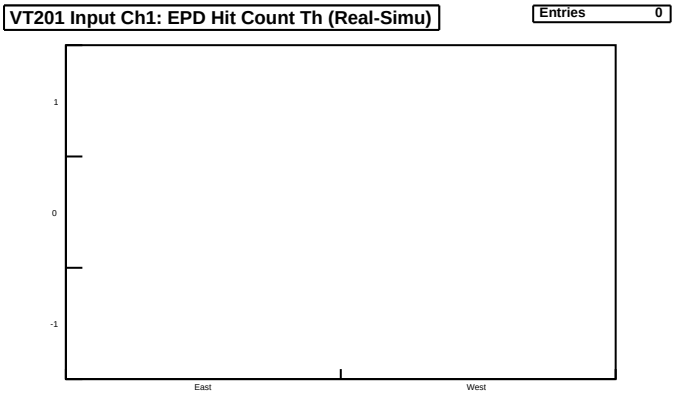

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 704358
224460
292802
127719
59377
East
West

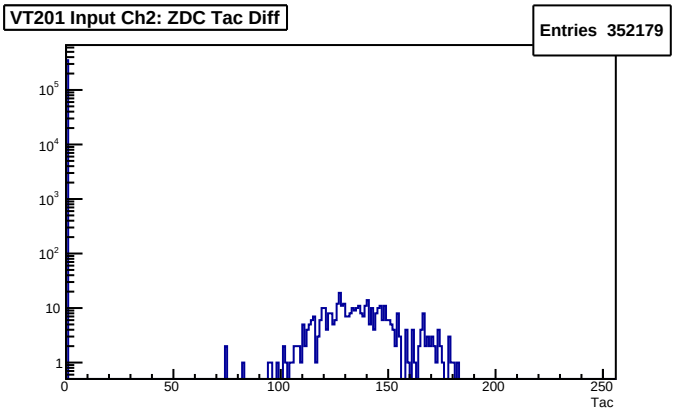

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

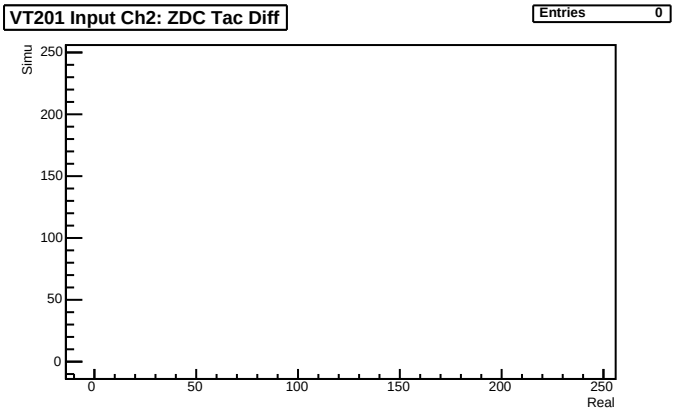

VT201 Input Ch1: EPD Tac Diff
Entries 352179
Tac

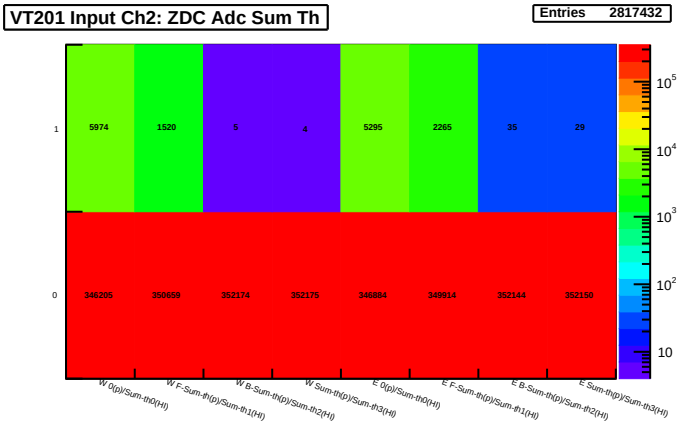

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

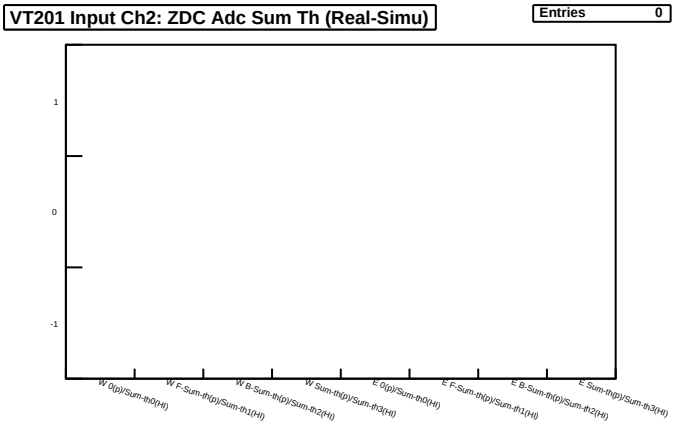

VT201 Input Ch1: EPD Hit Count Th
Entries 704358
349093
348277
3086
3902
East
West

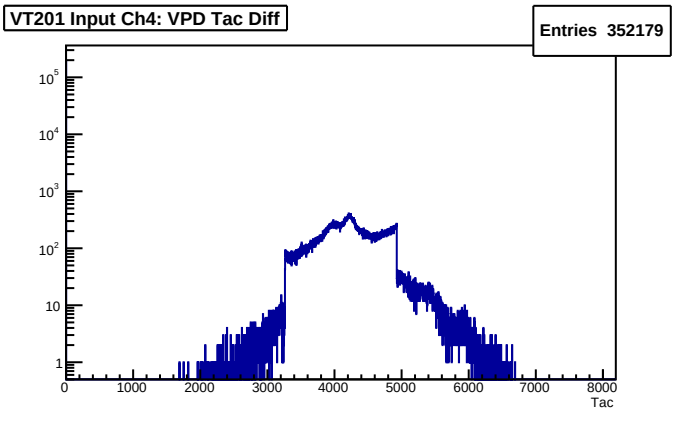

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

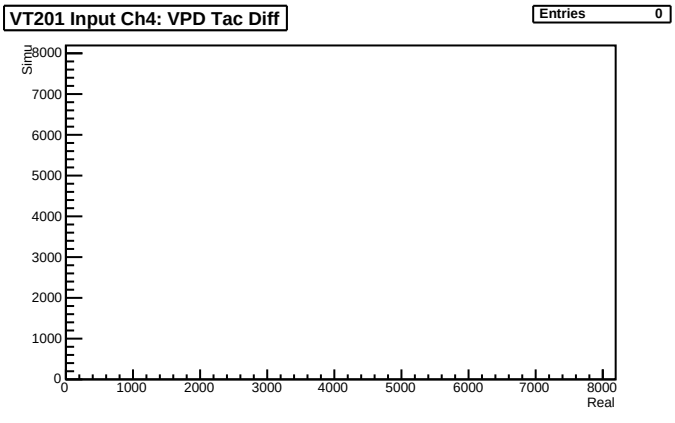

VT201 Input Ch2: ZDC Tac Diff
Entries 352179
Tac

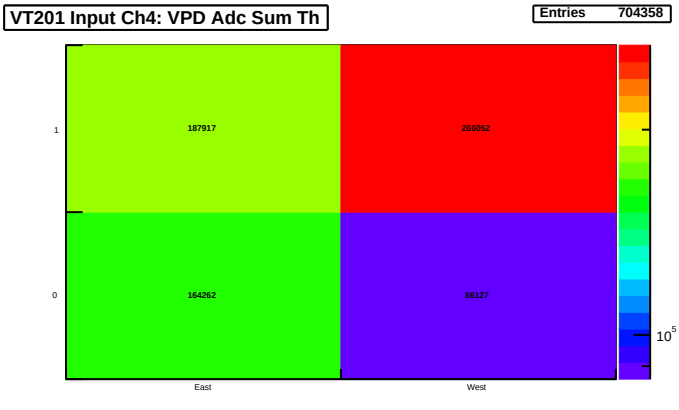

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

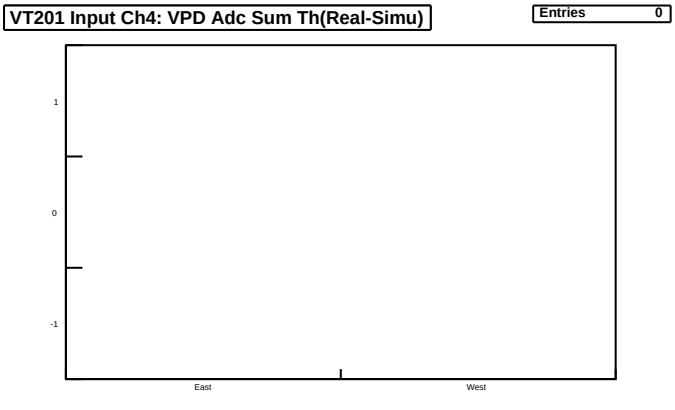

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2817432
5974
1520
5
4
5295
2265
35
29
346205
350659
352174
352175
346884
349914
352144
352150
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

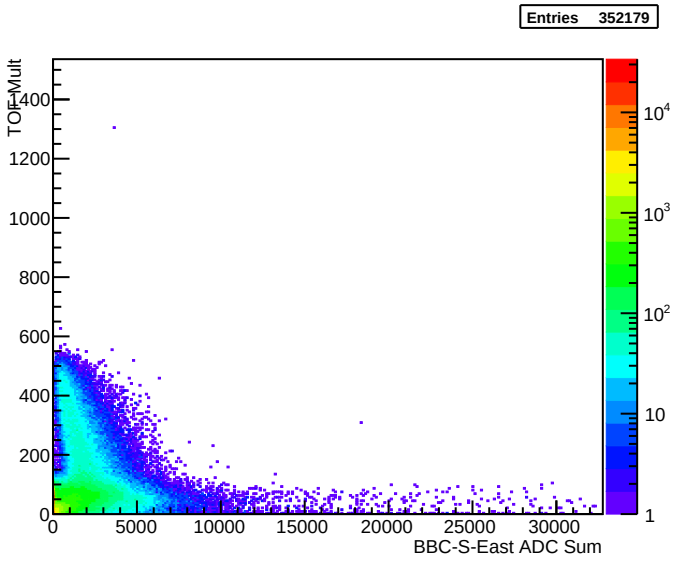

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

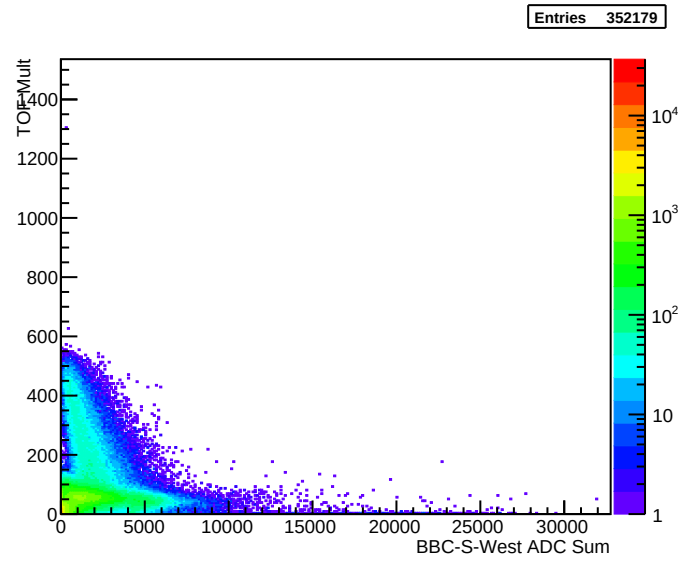

VT201 Input Ch4: VPD Tac Diff
Entries 352179
Tac

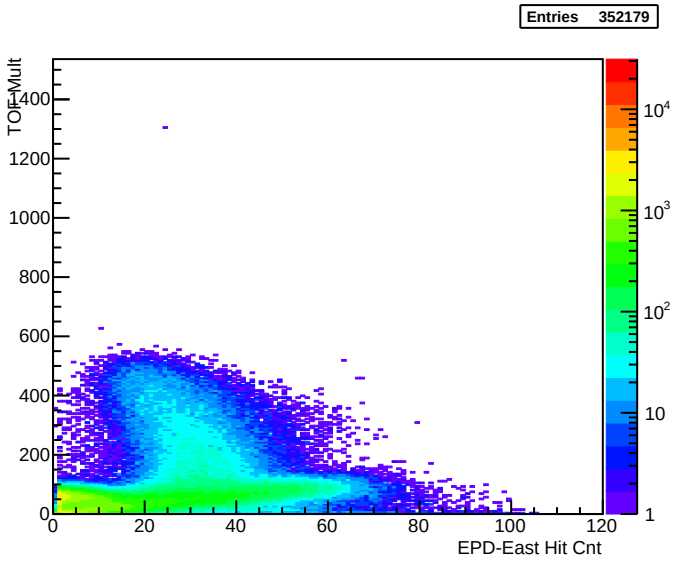

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

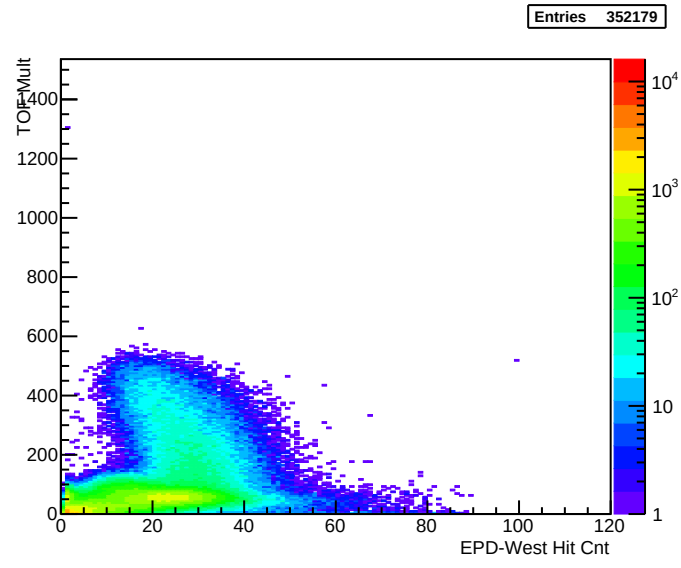

VT201 Input Ch4: VPD Adc Sum Th
Entries 704358
187917
260052
164262
86127
East
West

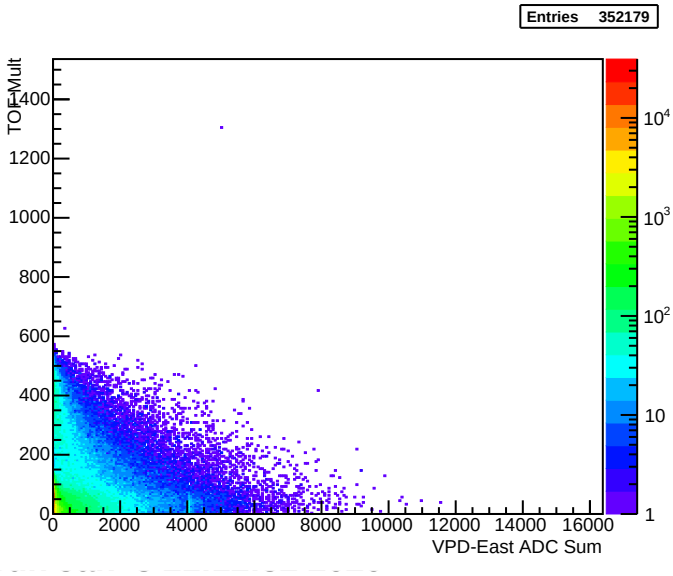

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

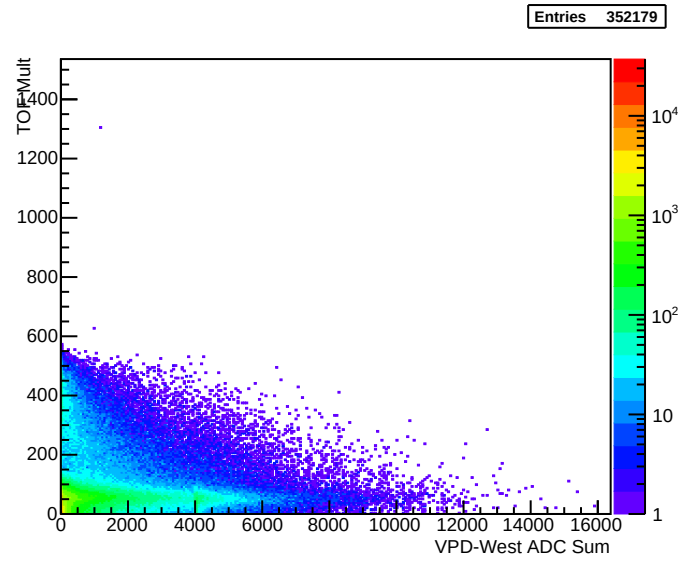

Entries 352179
TOF-Mult
BBC-S-East ADC Sum

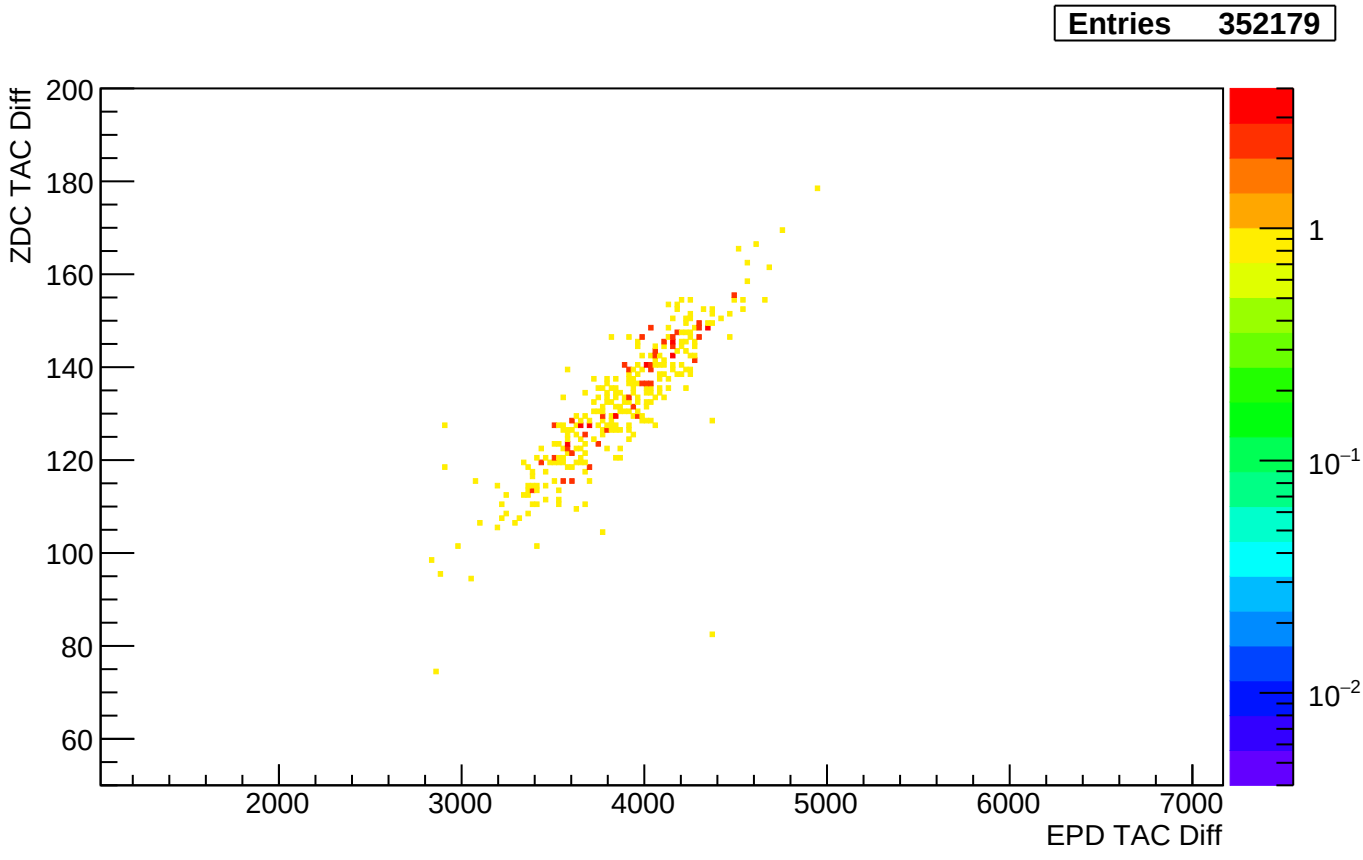

Entries 352179
TOF-Mult
BBC-S-West ADC Sum

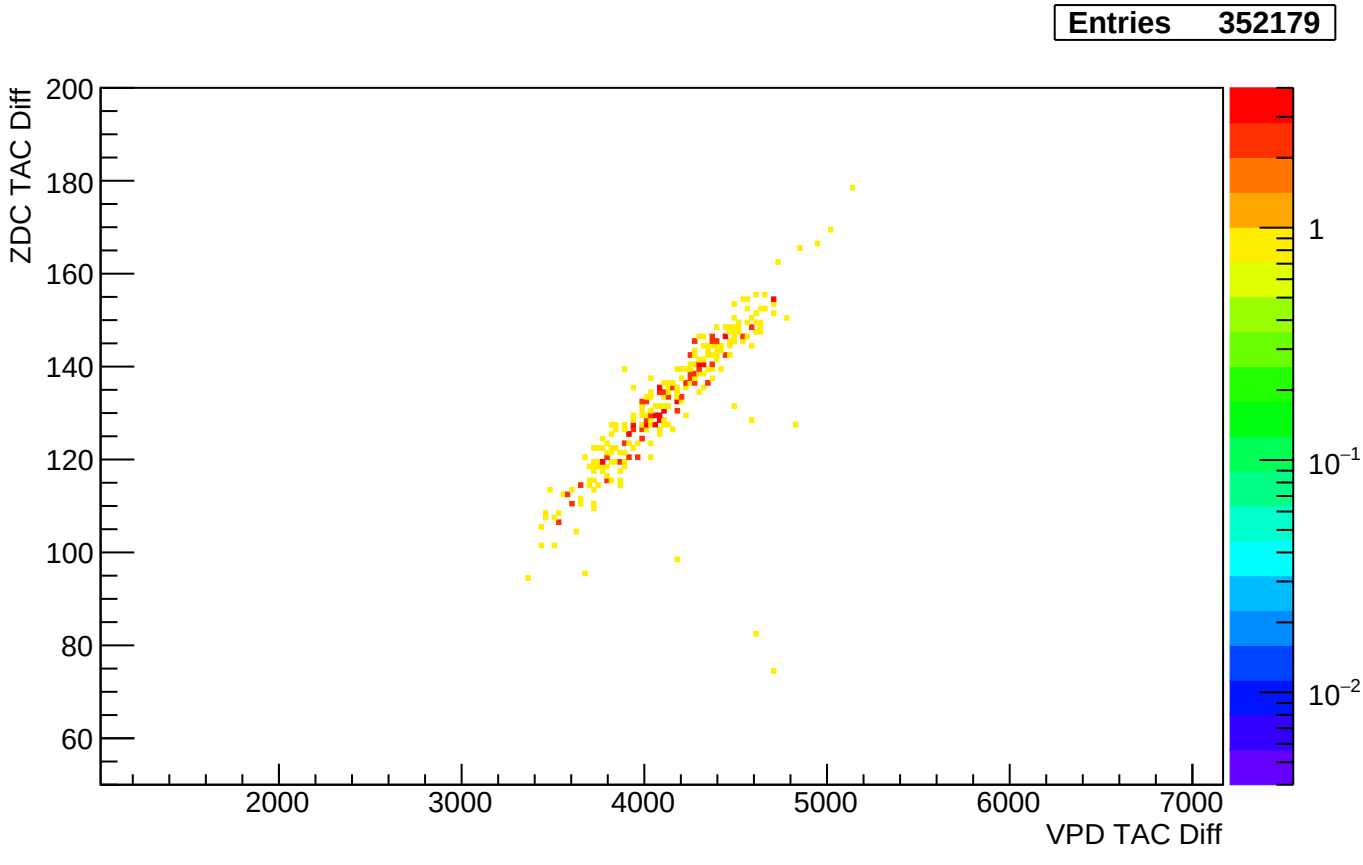

Entries 352179
TOF-Mult
EPD-East Hit Cnt

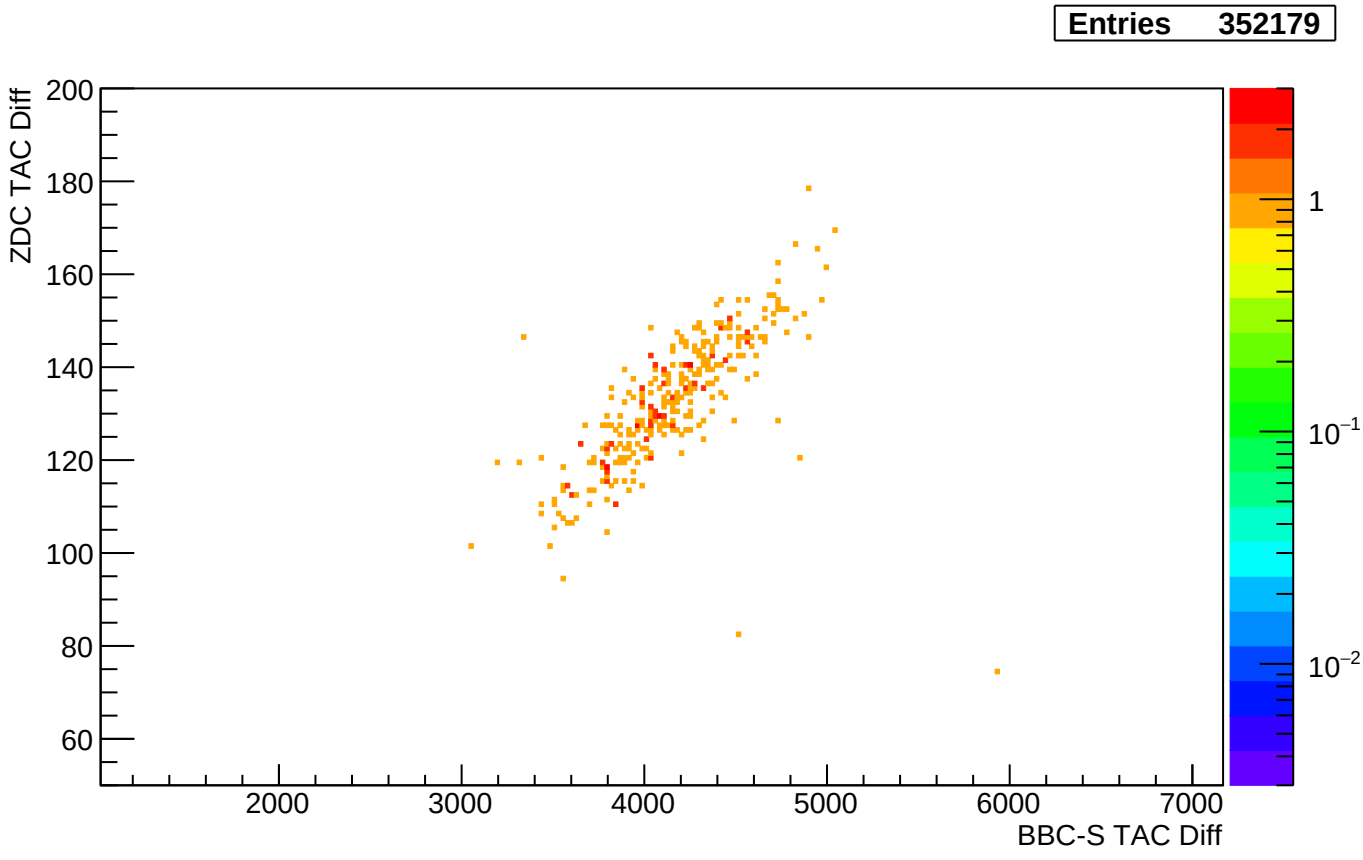

Entries 352179
TOF-Mult
EPD-West Hit Cnt

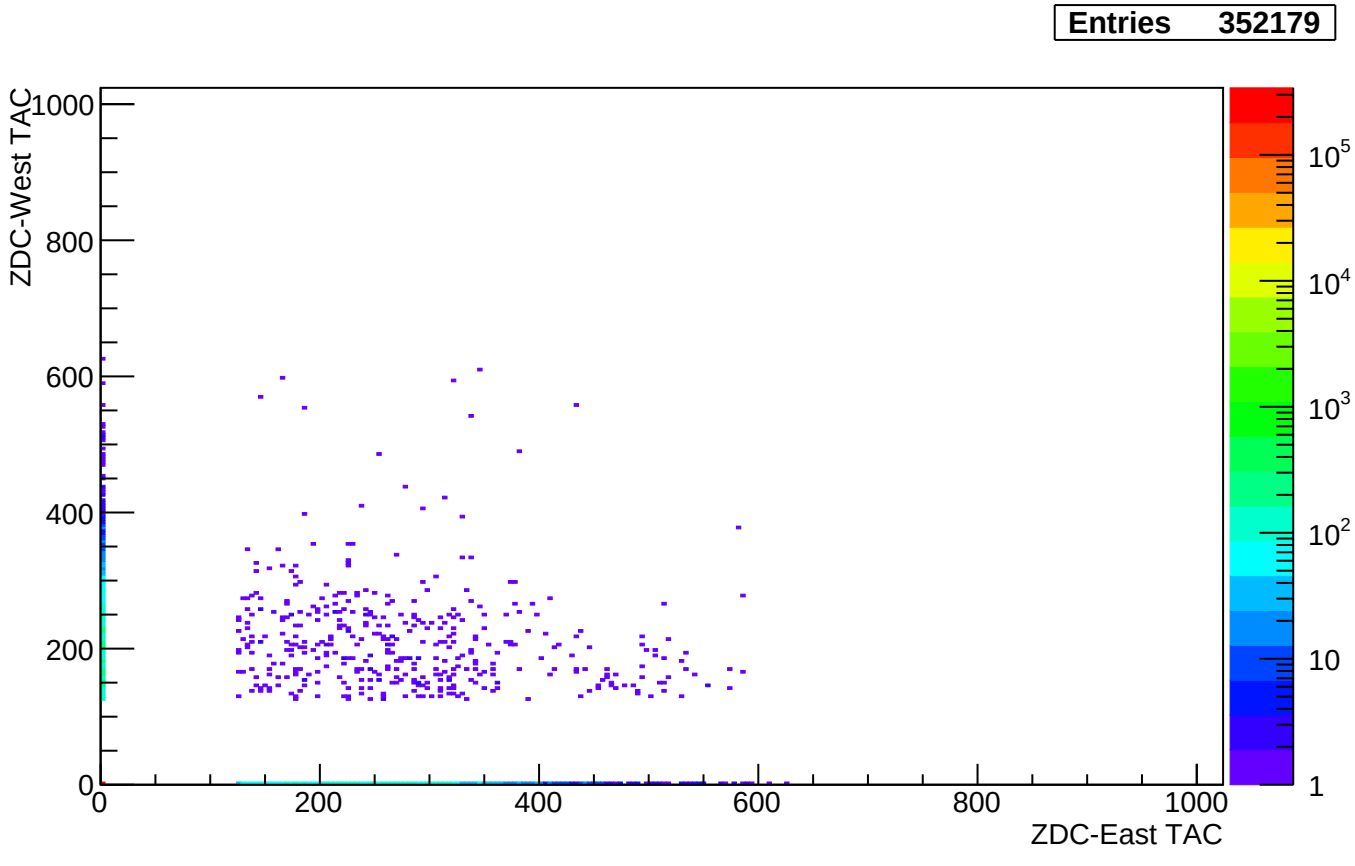

Entries 352179
TOF-Mult
VPD-East ADC Sum

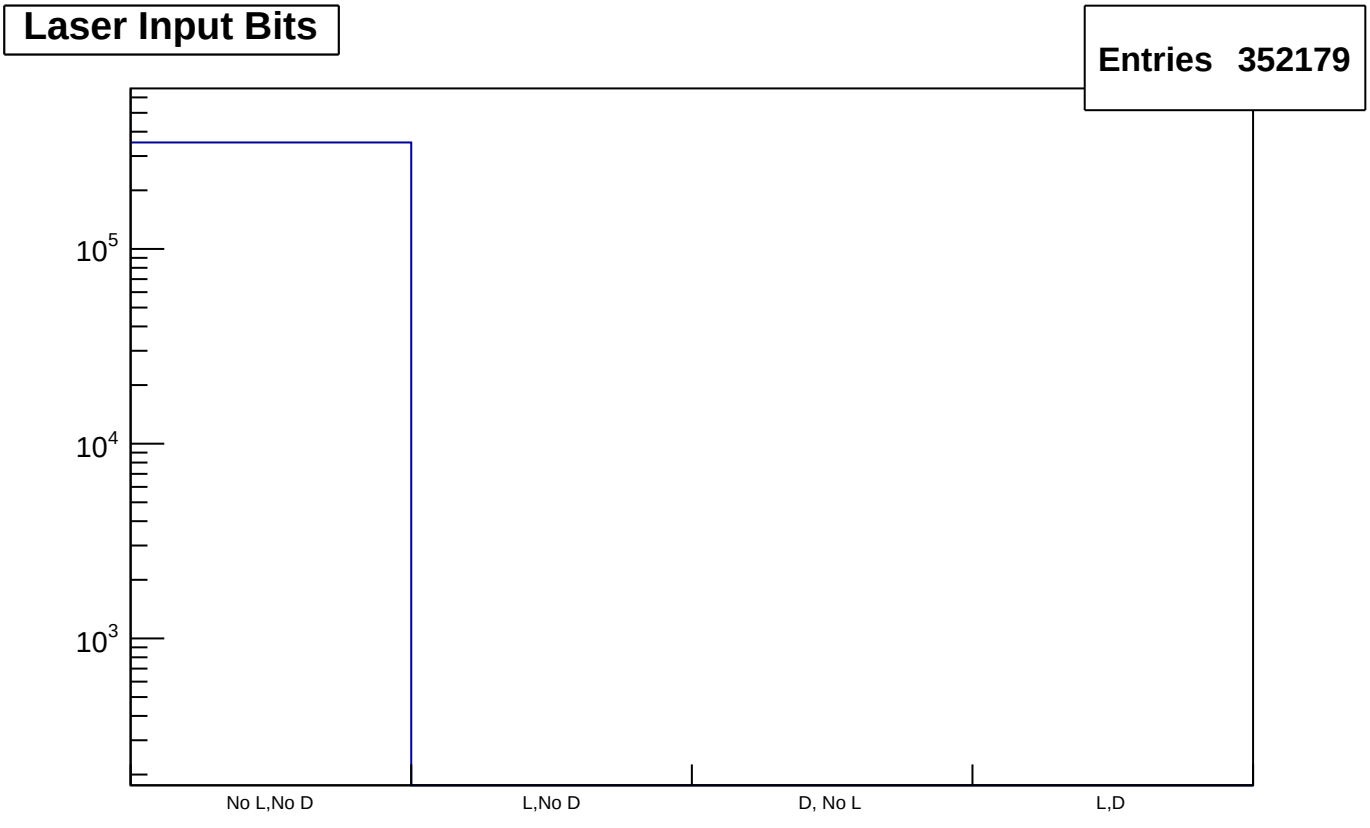

Entries 352179
TOF-Mult
VPD-West ADC Sum

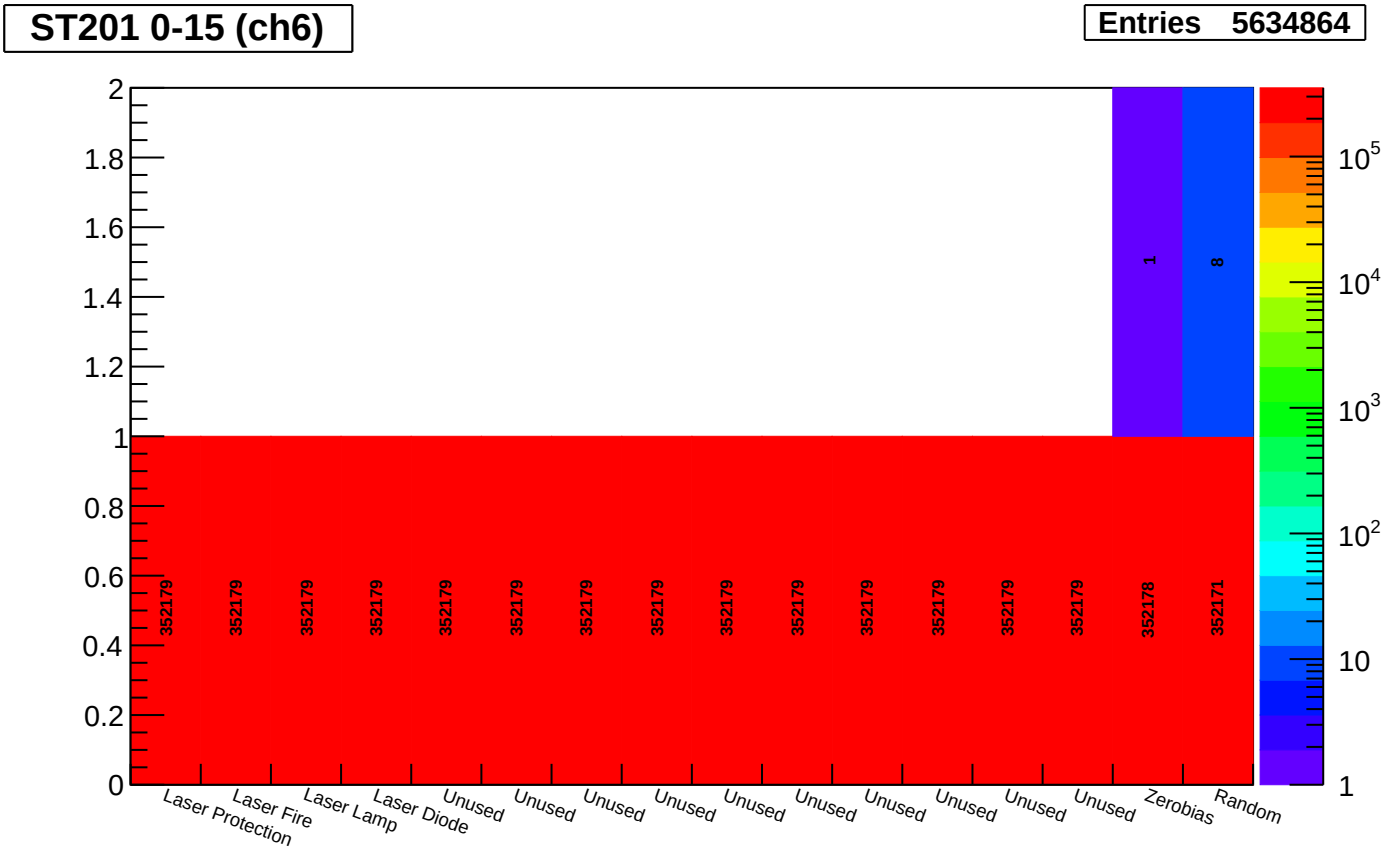

Entries 352179
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

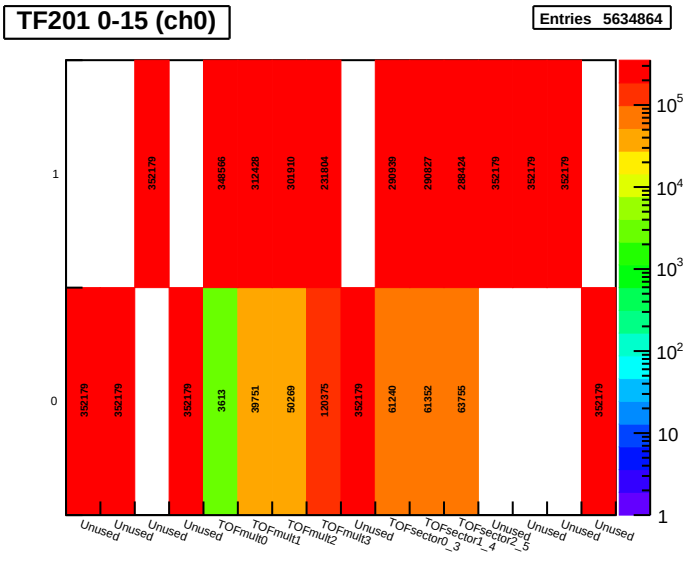

Entries 352179
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

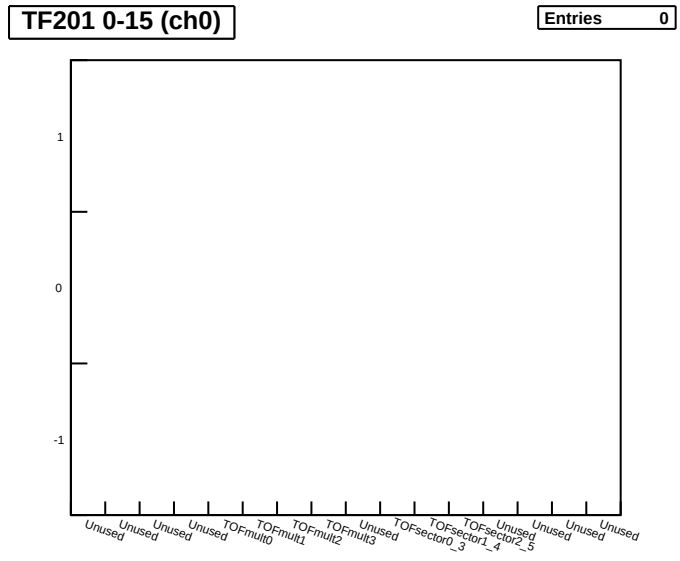

Entries 352179
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

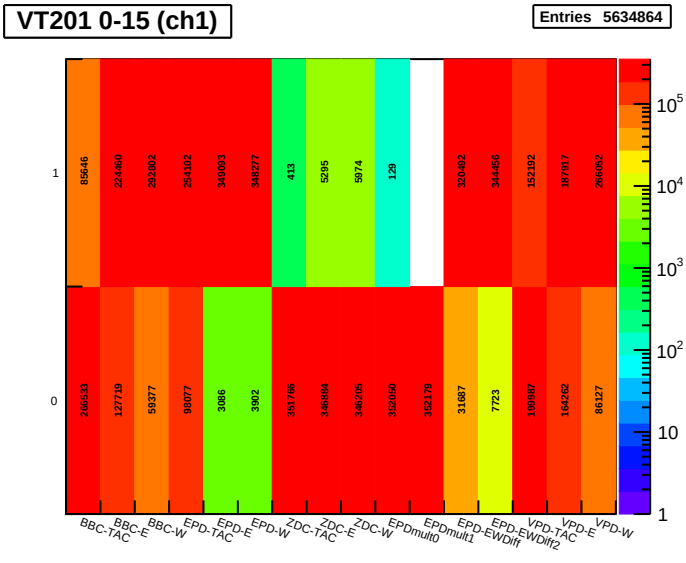

Entries 352179
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

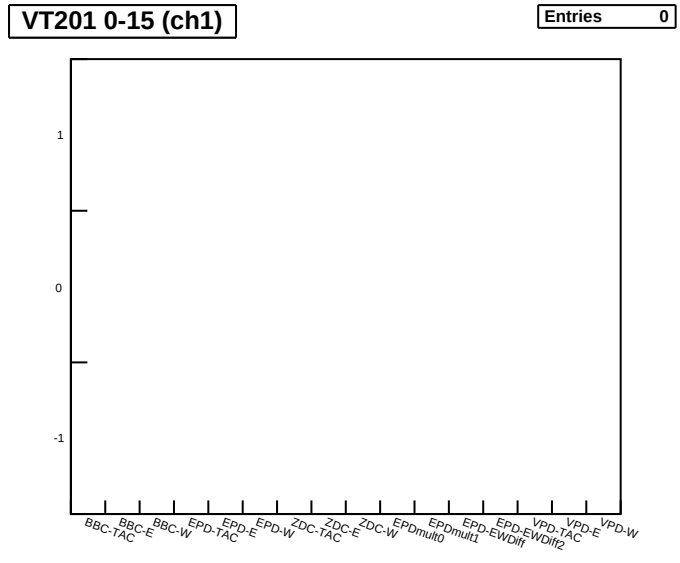

Laser Input Bits
Entries 352179
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

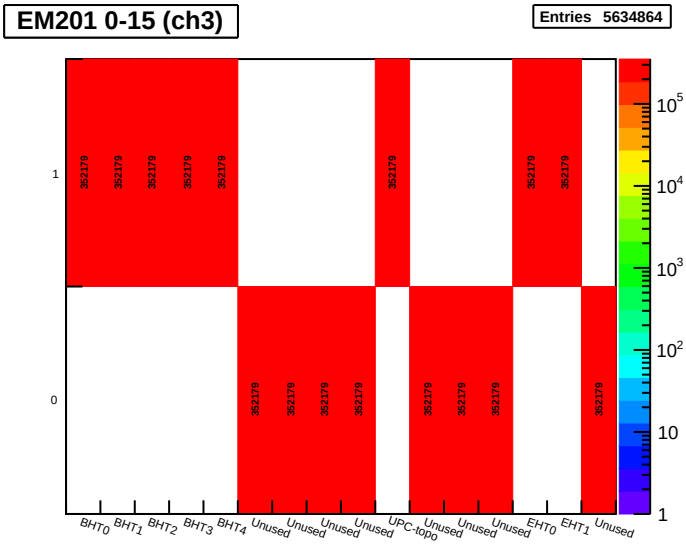

ST201 0-15 (ch6)
Entries 5634864
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
352179
352179
352179
352179
352179
352179
352179
352179
352179
352179
352179
352179
352179
352179
352178
352171
1
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

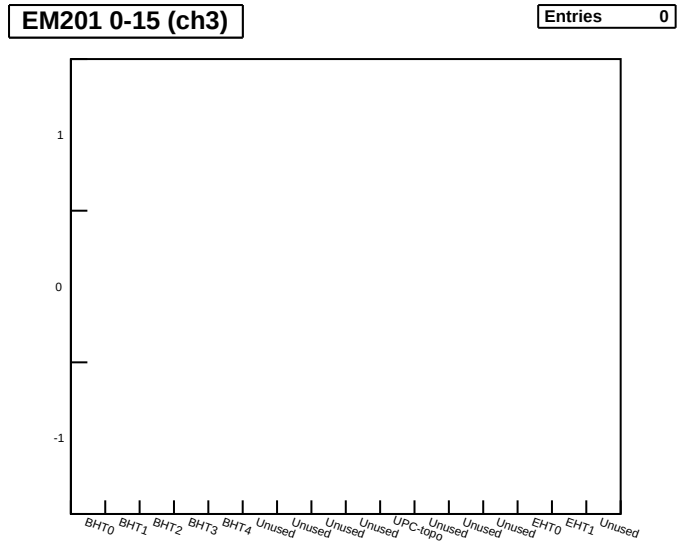

TF201 0-15 (ch0)
Entries 5634864
1
0
352179 352179 352179 348566 312428 301910 231804 290939 290827 288424 352179 352179 352179
352179 352179 352179 3613 39751 50269 120375 352179 61240 61352 63755 352179
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 5634864
1
0
85646 224460 292802 254102 349093 348277 413 5295 5974 129 320492 344456 152192 187917 266052
266533 127719 59377 98077 3086 3902 351766 346884 346205 352050 352179 31687 7723 199987 164262 86127
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 5634864
1
0
352179 352179 352179 352179 352179 352179 352179 352179
352179 352179 352179 352179 352179 352179 352179 352179
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused