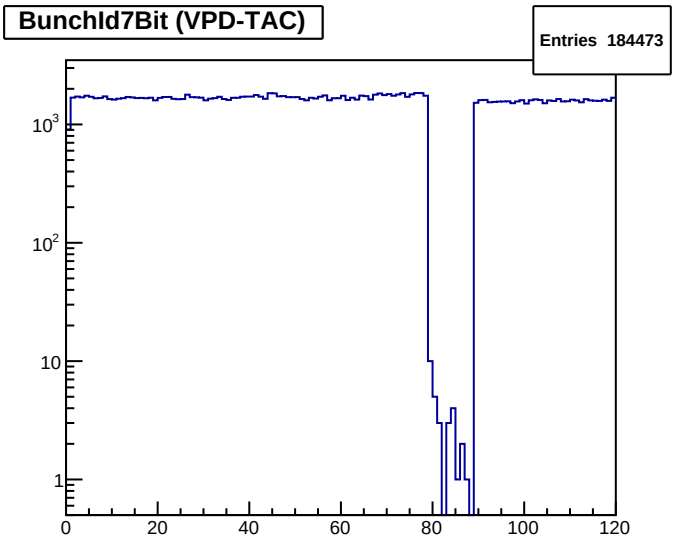
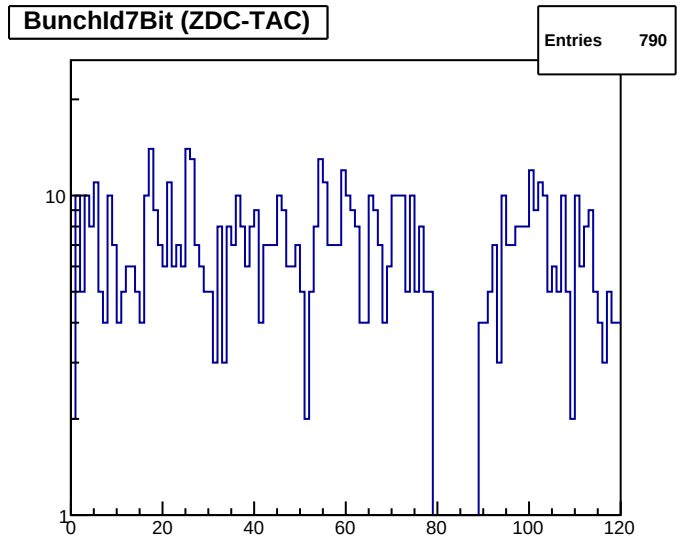
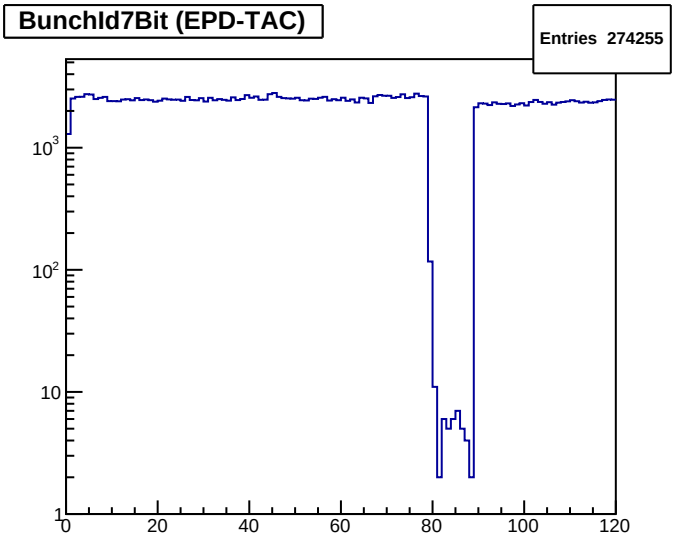
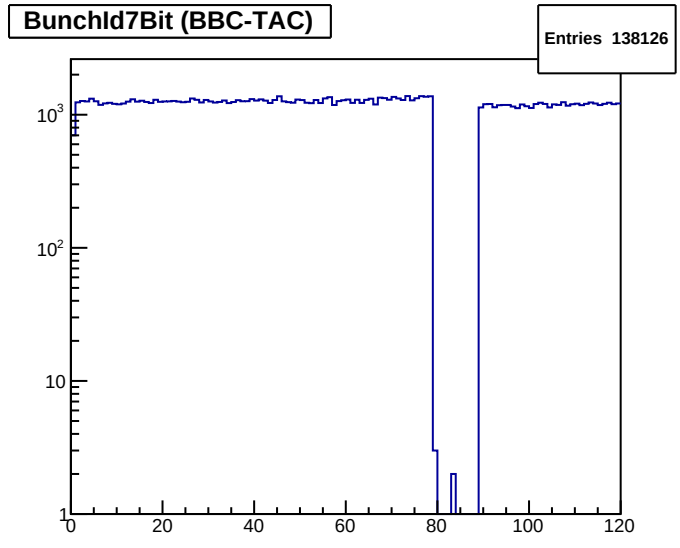
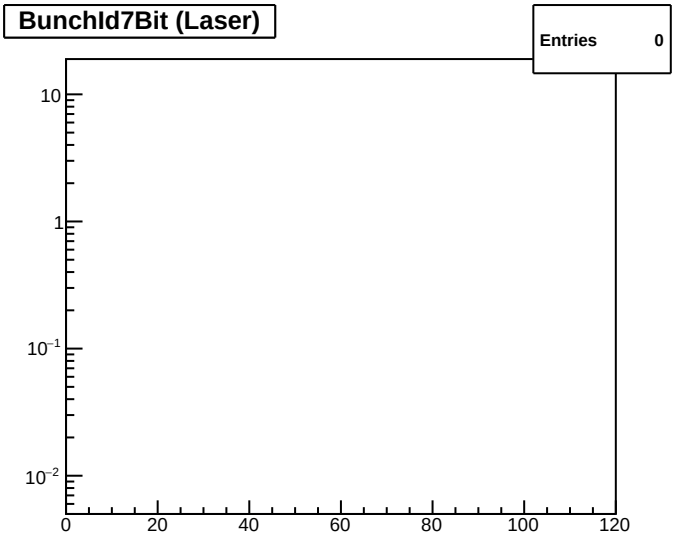
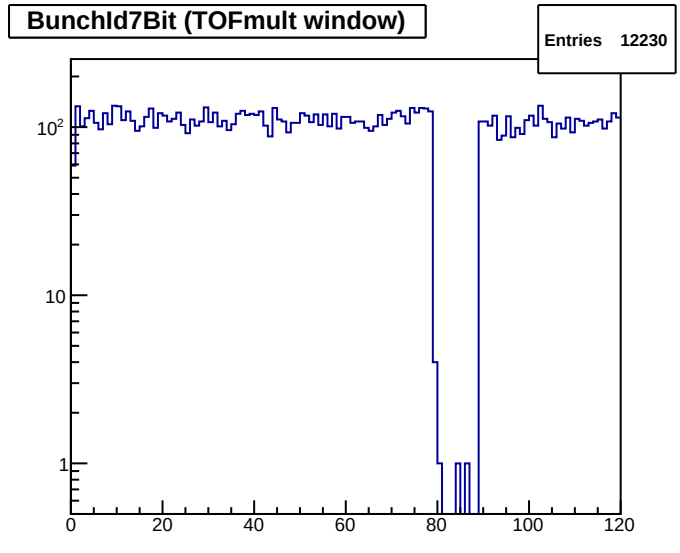

BunchId7Bit (VPD-TAC)
Entries 184473

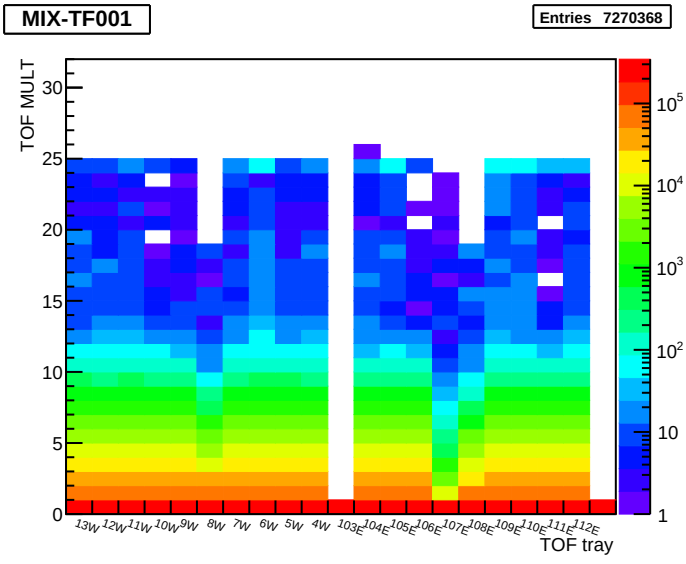

BunchId7Bit (ZDC-TAC)
Entries 790

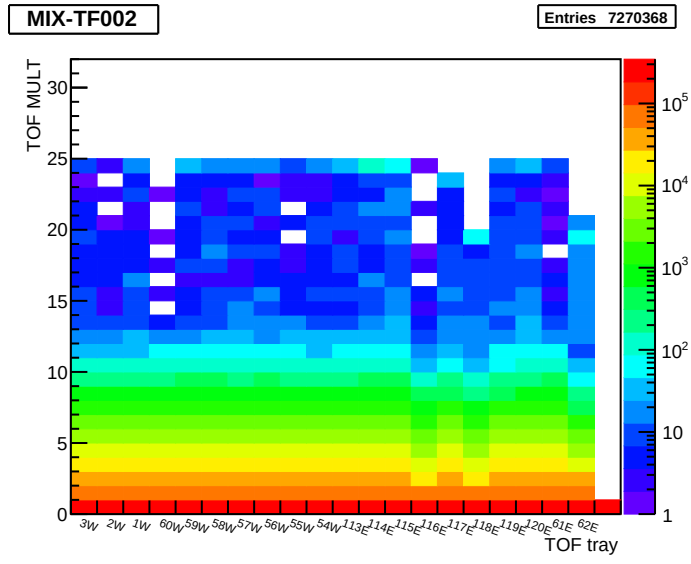

BunchId7Bit (EPD-TAC)
Entries 274255

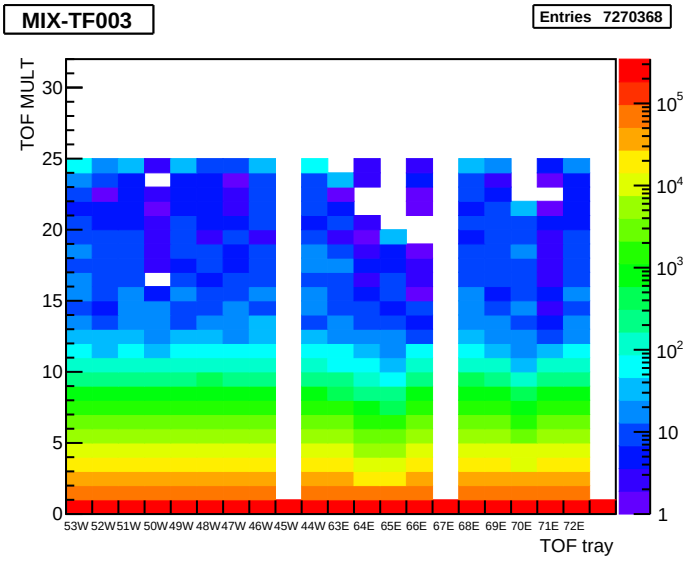

BunchId7Bit (BBC-TAC)
Entries 138126

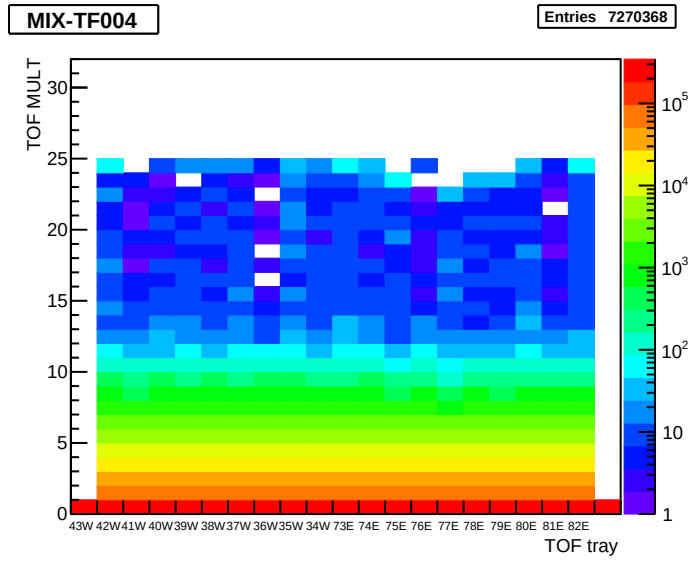

BunchId7Bit (Laser)
Entries 0

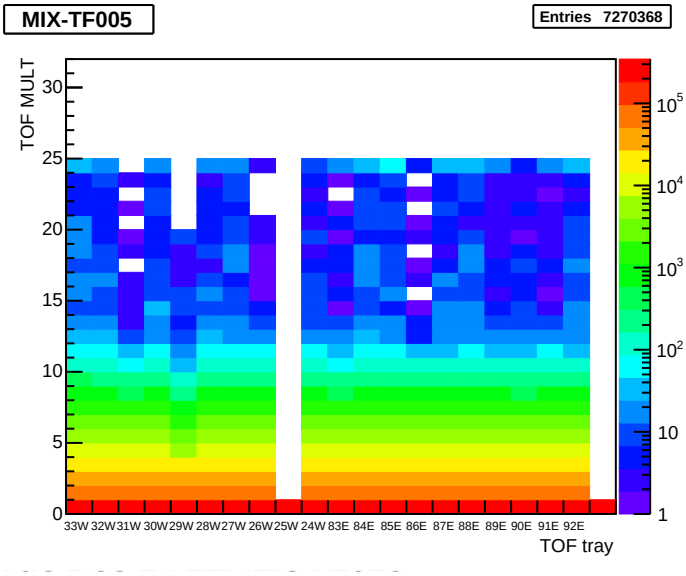

BunchId7Bit (TOFmult window)
Entries 12230

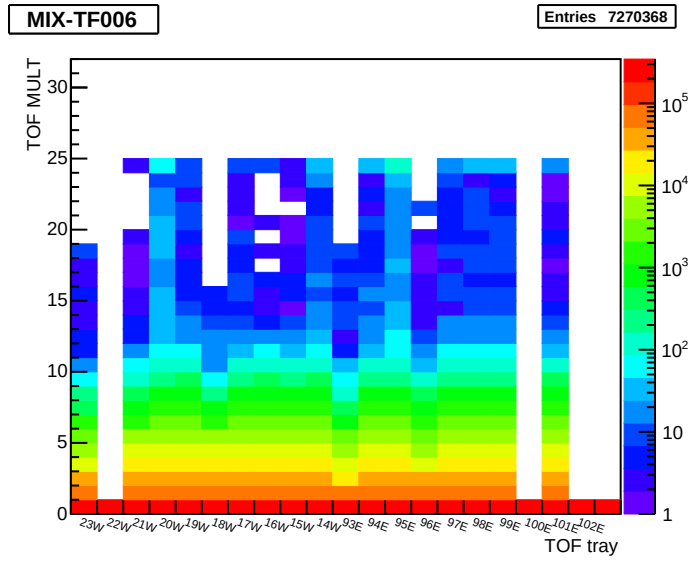

MIX-TF001
Entries 7270368
TOF MULT
TOF tray

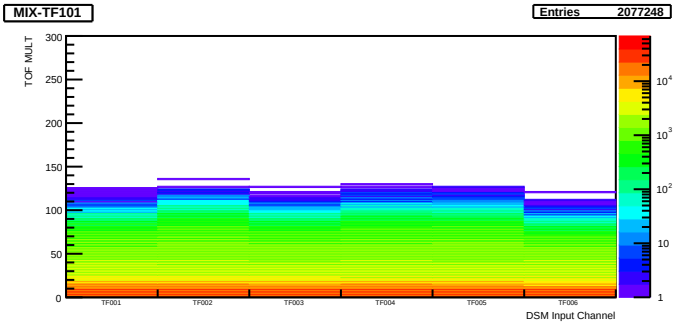

MIX-TF002
Entries 7270368
TOF MULT
TOF tray

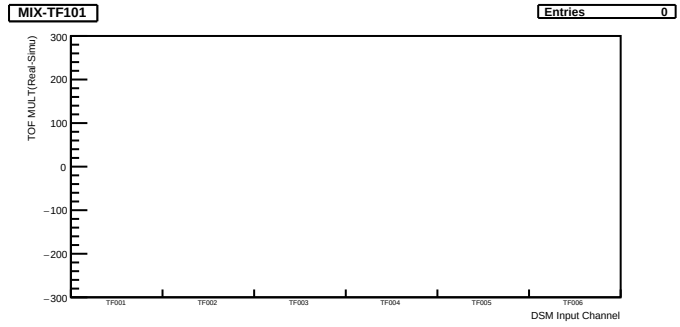

MIX-TF003
Entries 7270368
TOF MULT
TOF tray

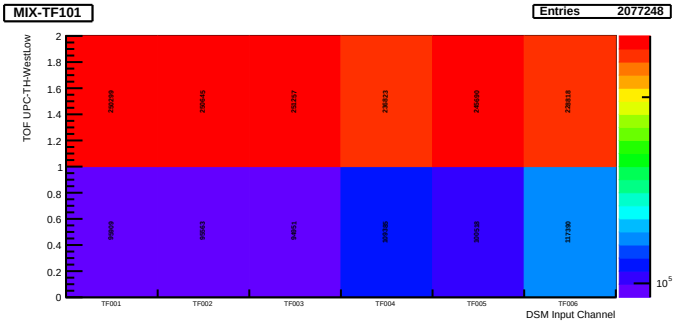

MIX-TF004
Entries 7270368
TOF MULT
TOF tray

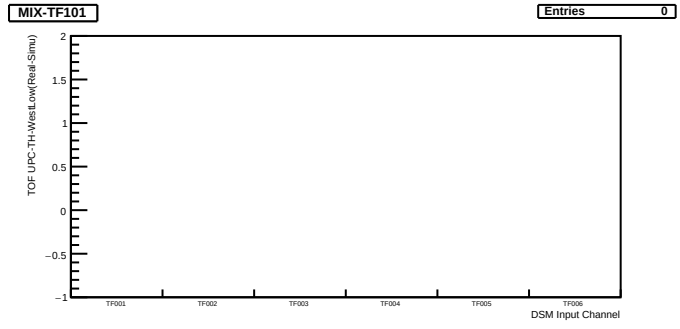

MIX-TF005
Entries 7270368
TOF MULT
TOF tray

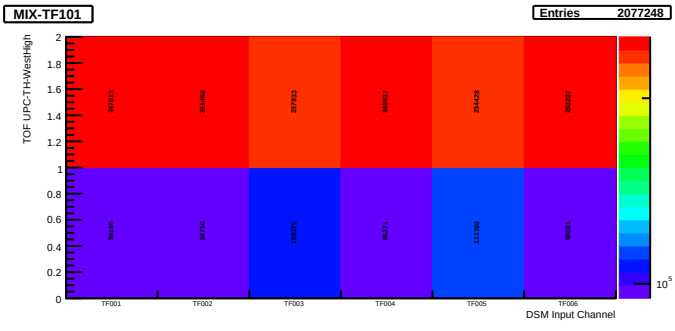

MIX-TF006
Entries 7270368
TOF MULT
TOF tray

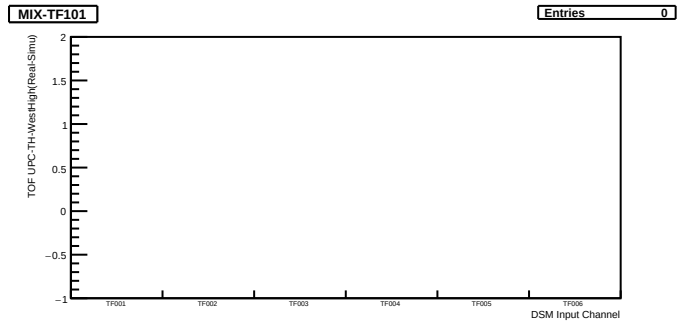

MIX-TF101
Entries 2077248
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

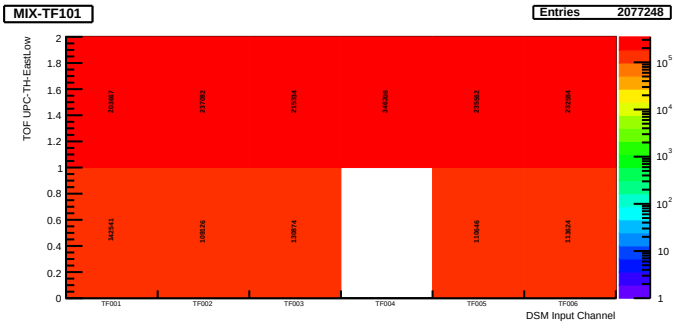

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

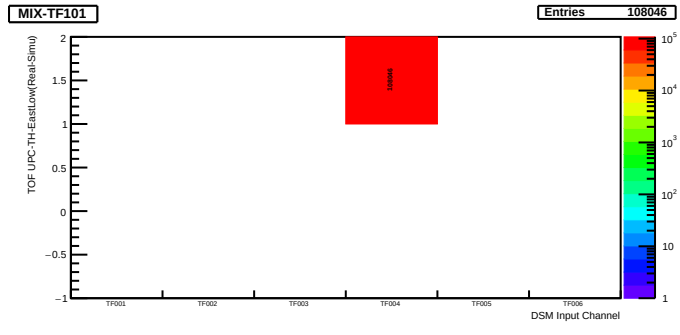

MIX-TF101
Entries 2077248
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

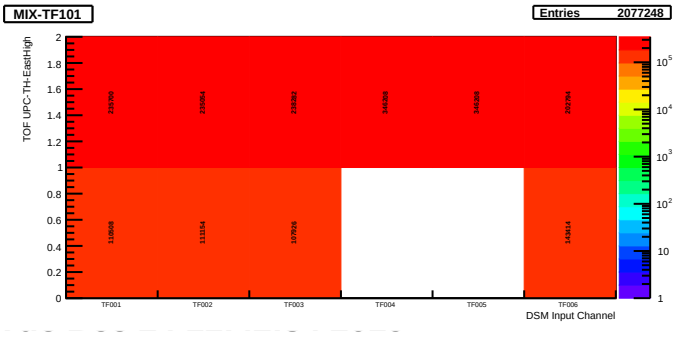

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

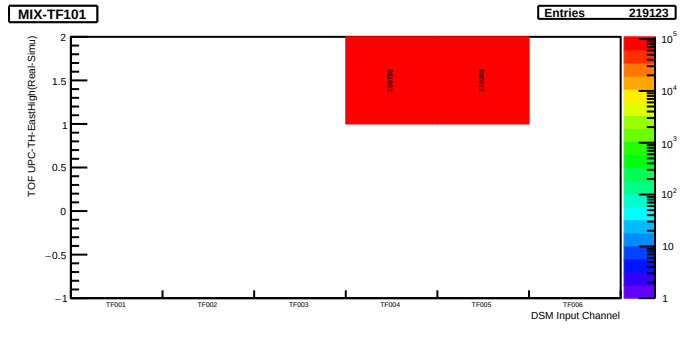

MIX-TF101
Entries 2077248
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

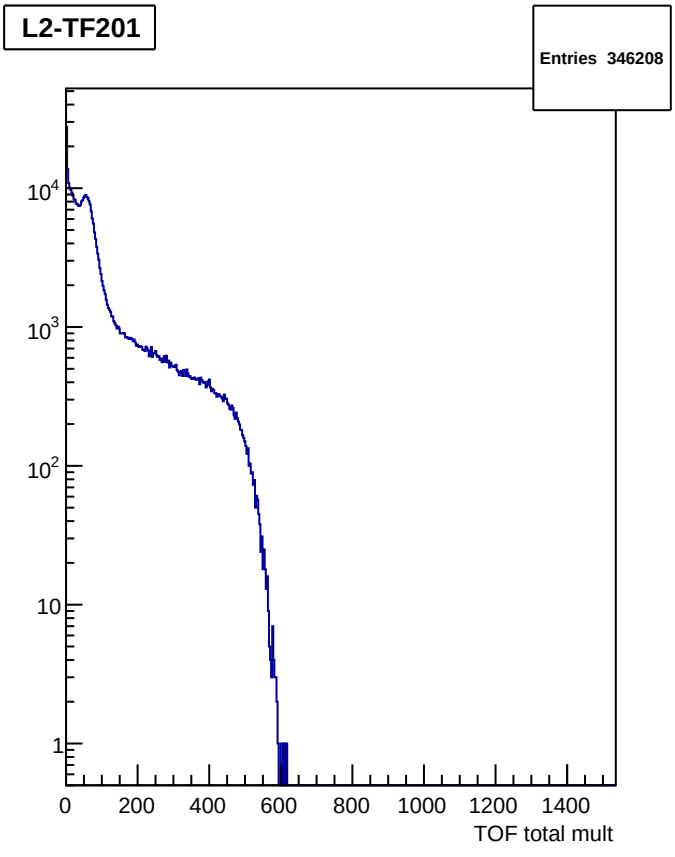

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

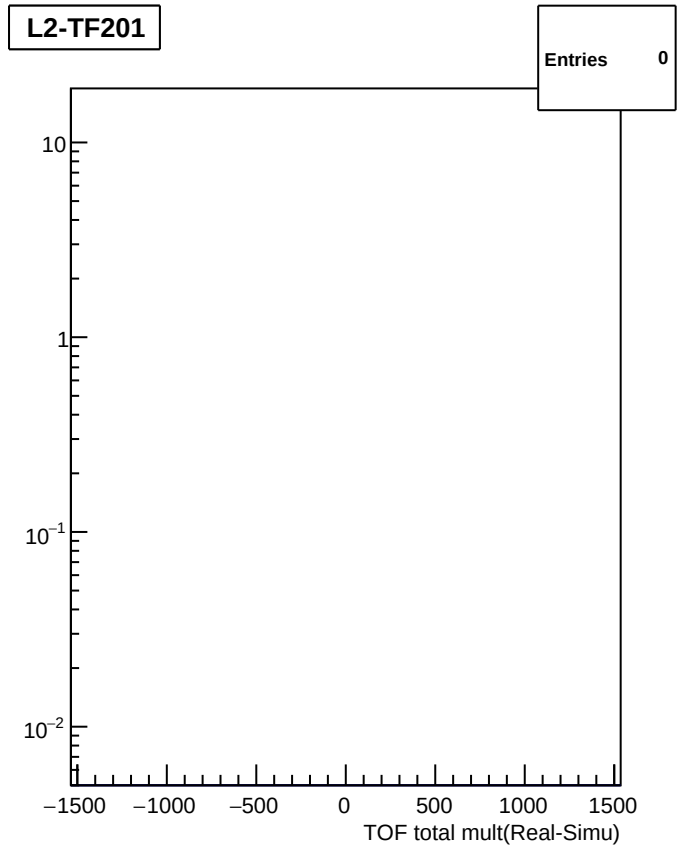

MIX-TF101
Entries 2077248
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

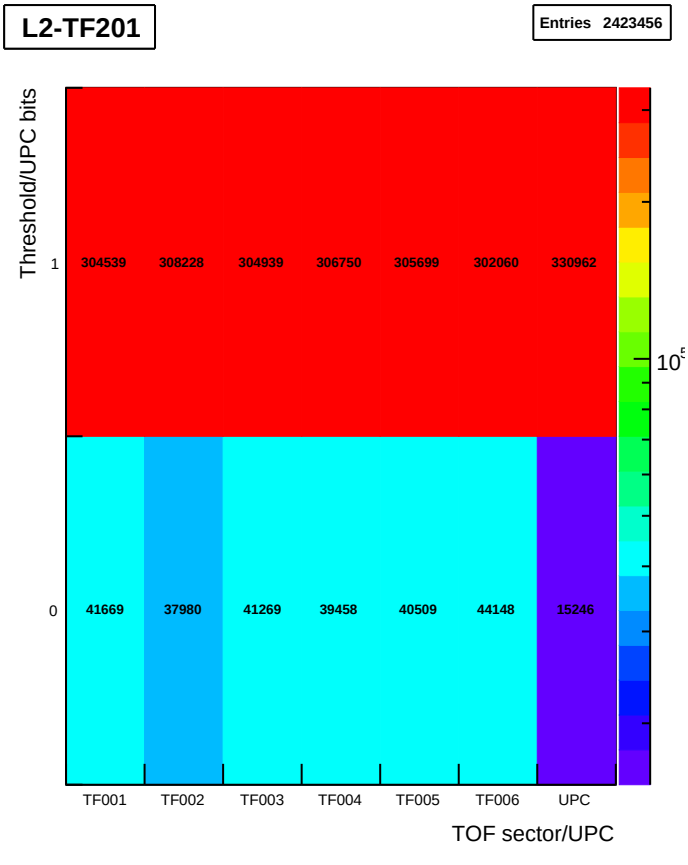

MIX-TF101
Entries 108046
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

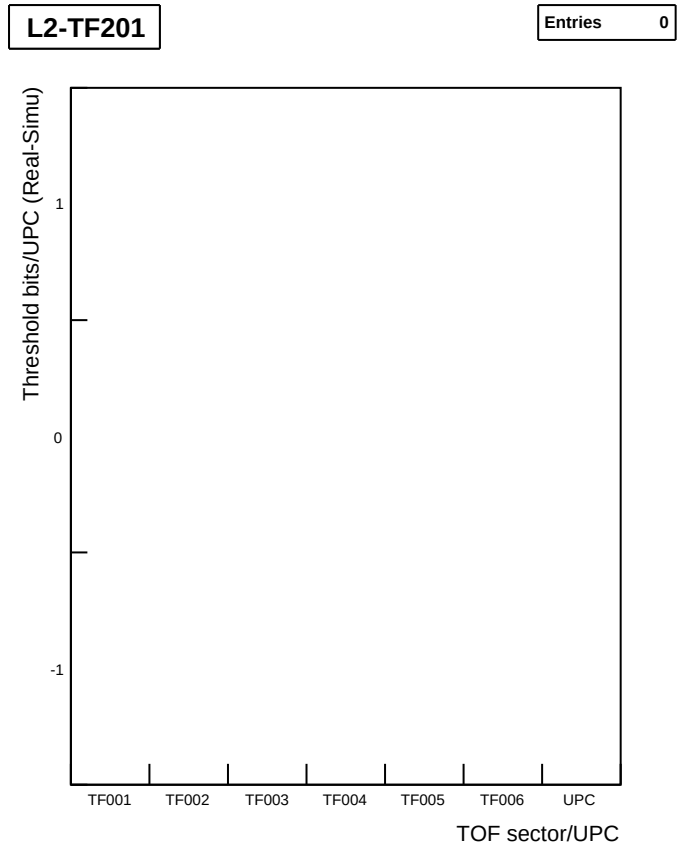

MIX-TF101
Entries 2077248
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

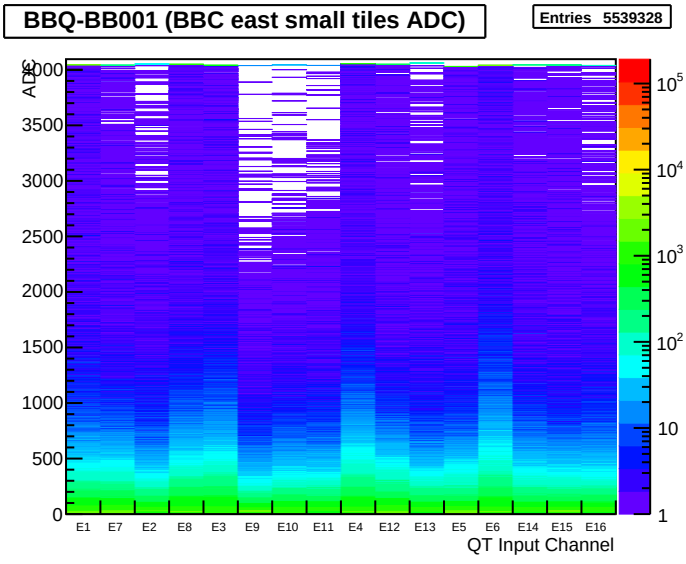

MIX-TF101
Entries 219123
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

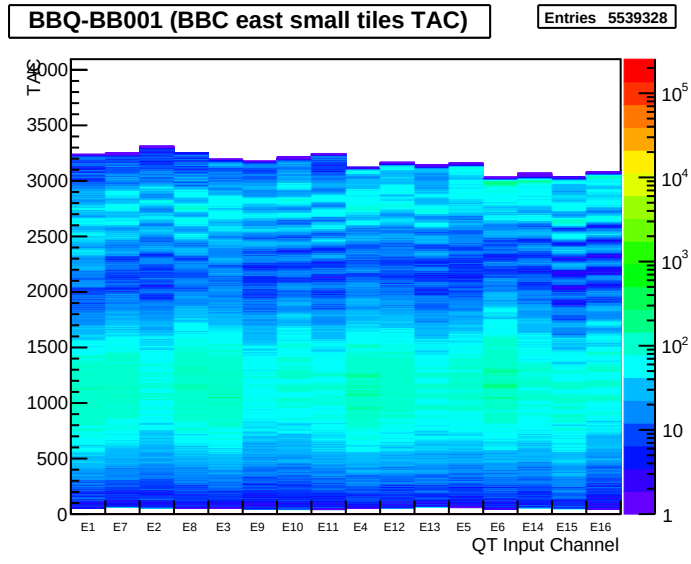

L2-TF201
Entries 346208
TOF total mult

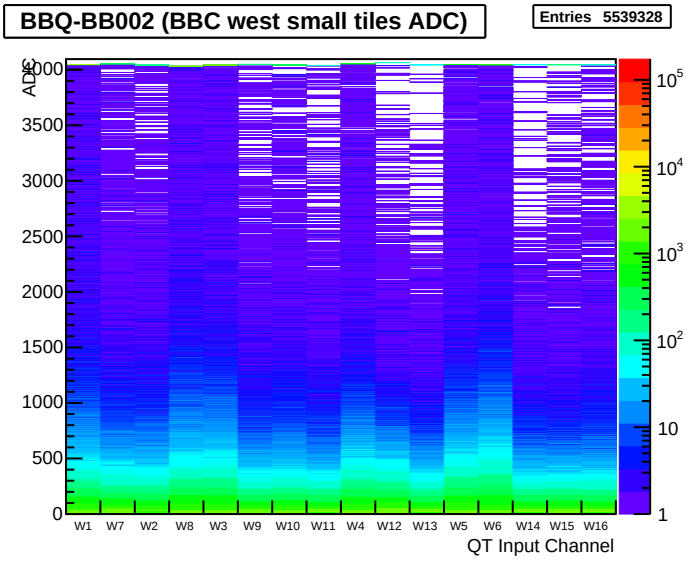

L2-TF201
Entries 0
TOF total mult(Real-Simu)

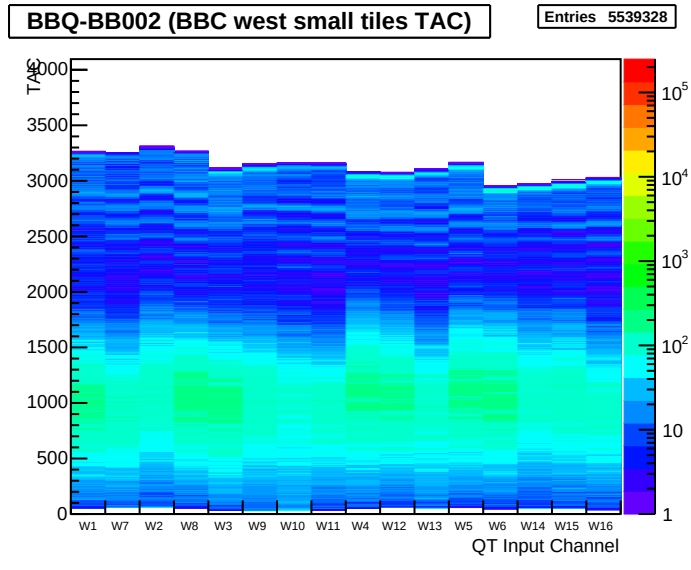

L2-TF201
Entries 2423456
Threshold/UPC bits
304539
308228
304939
306750
305699
302060
330962
41669
37980
41269
39458
40509
44148
15246
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

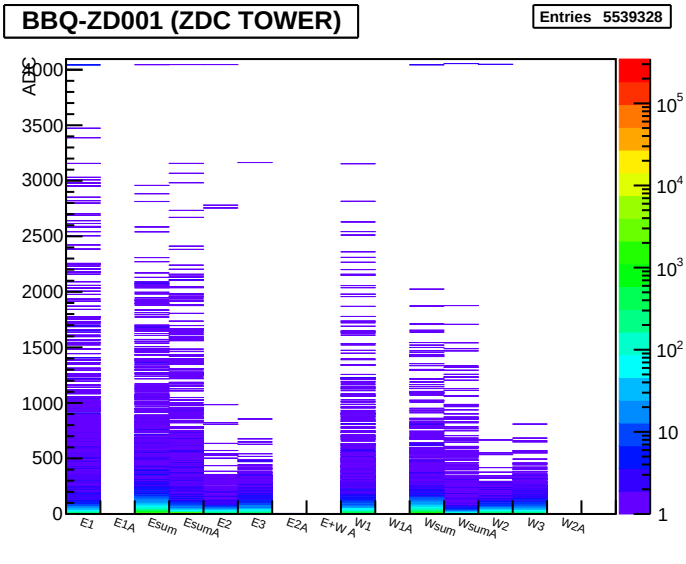

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

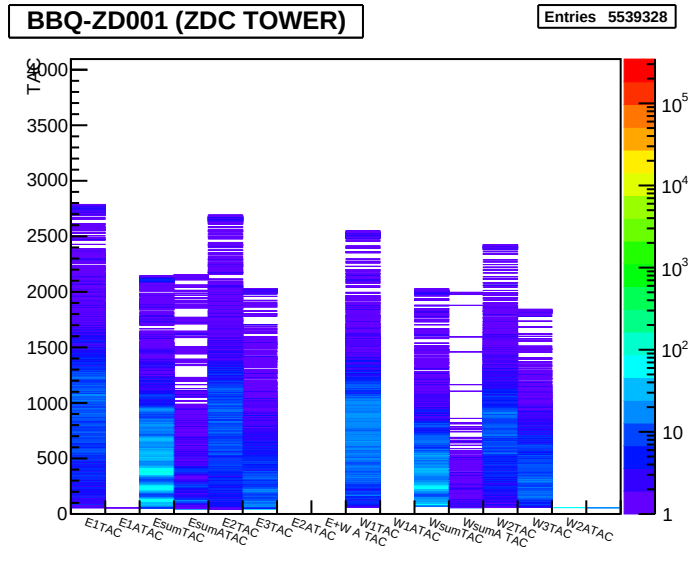

BBQ-BB001 (BBC east small tiles ADC)
Entries 5539328
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

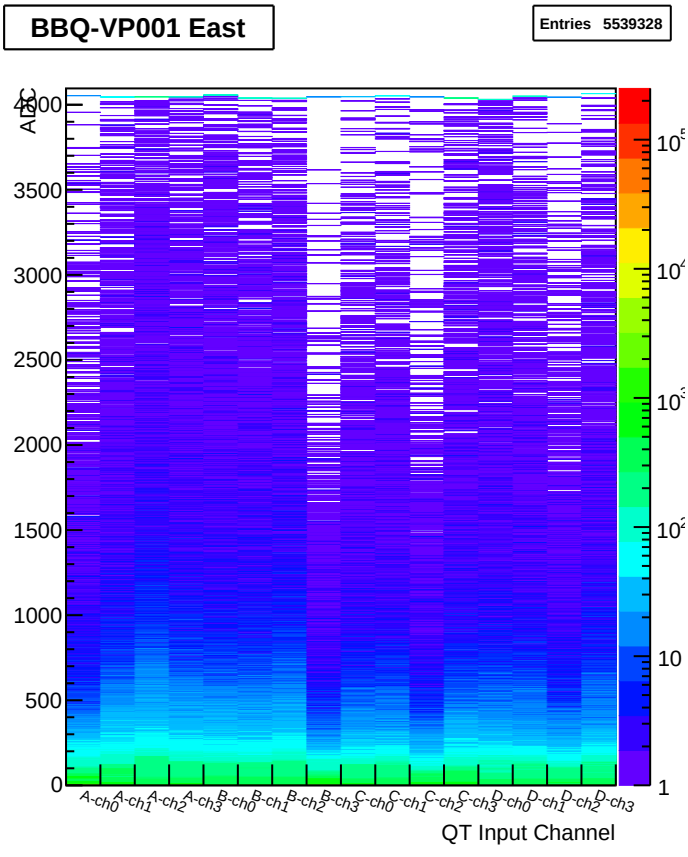

BBQ-BB001 (BBC east small tiles TAC)
Entries 5539328
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

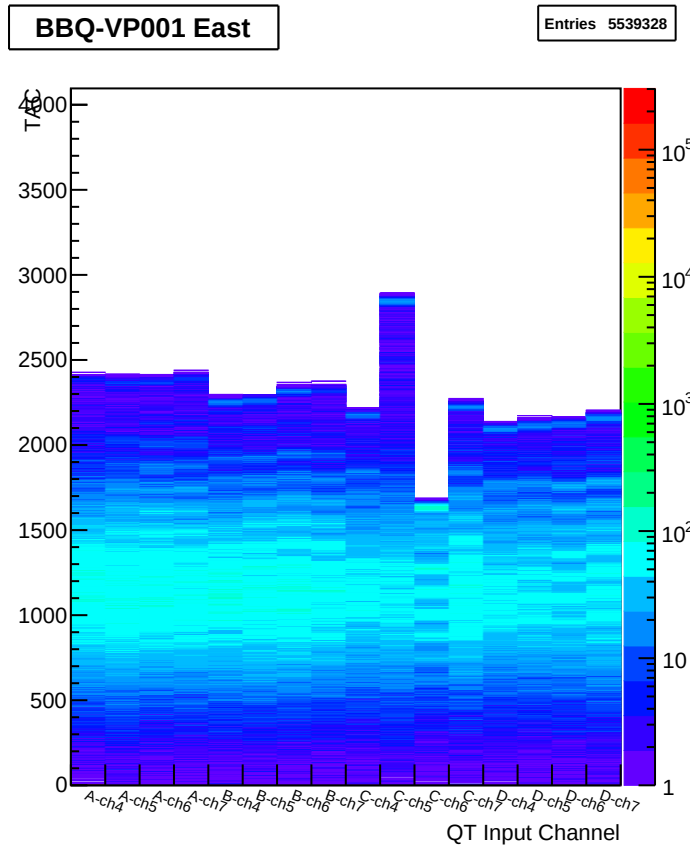

BBQ-BB002 (BBC west small tiles ADC)
Entries 5539328
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

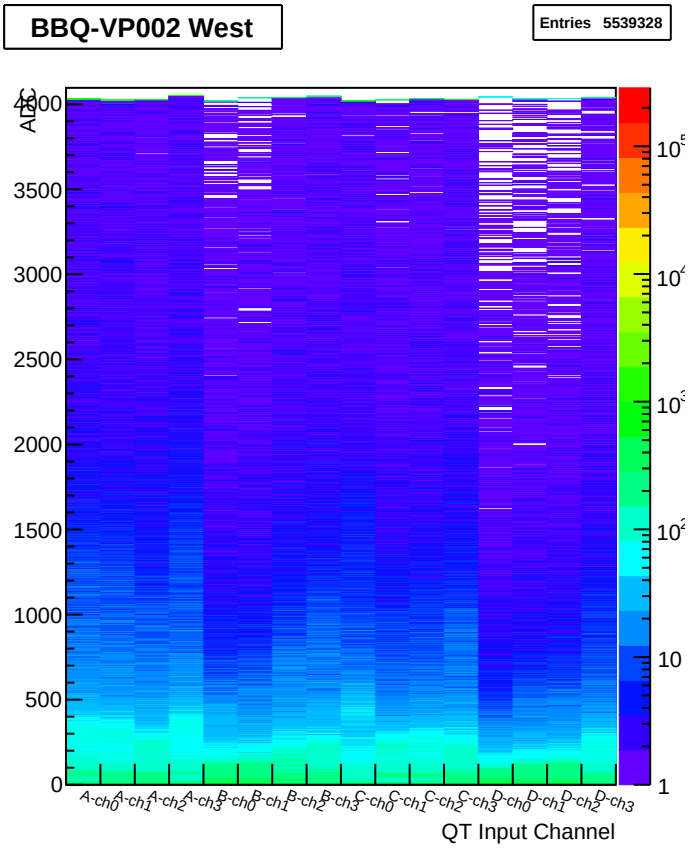

BBQ-BB002 (BBC west small tiles TAC)
Entries 5539328
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

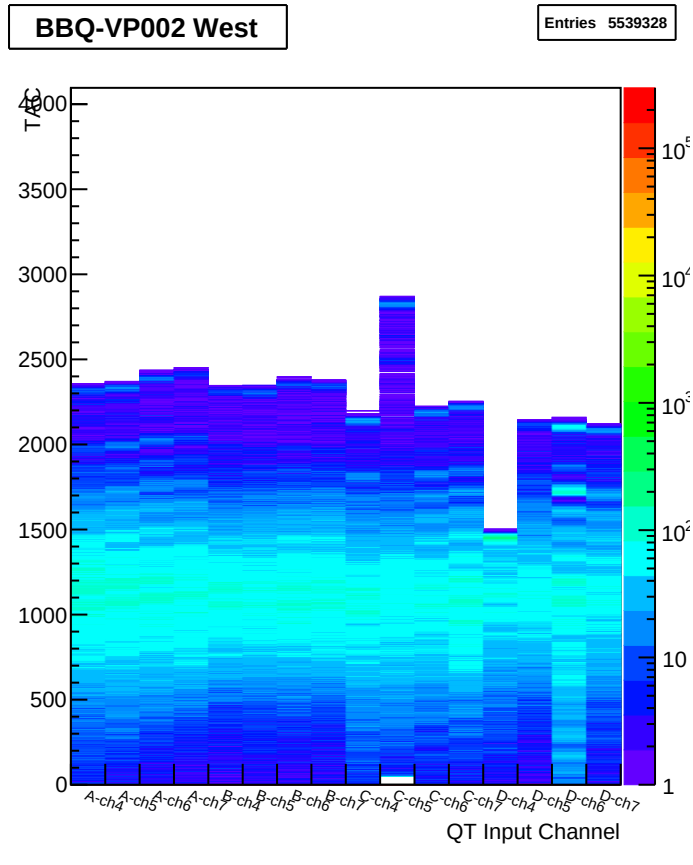

BBQ-ZD001 (ZDC TOWER)
Entries 5539328
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

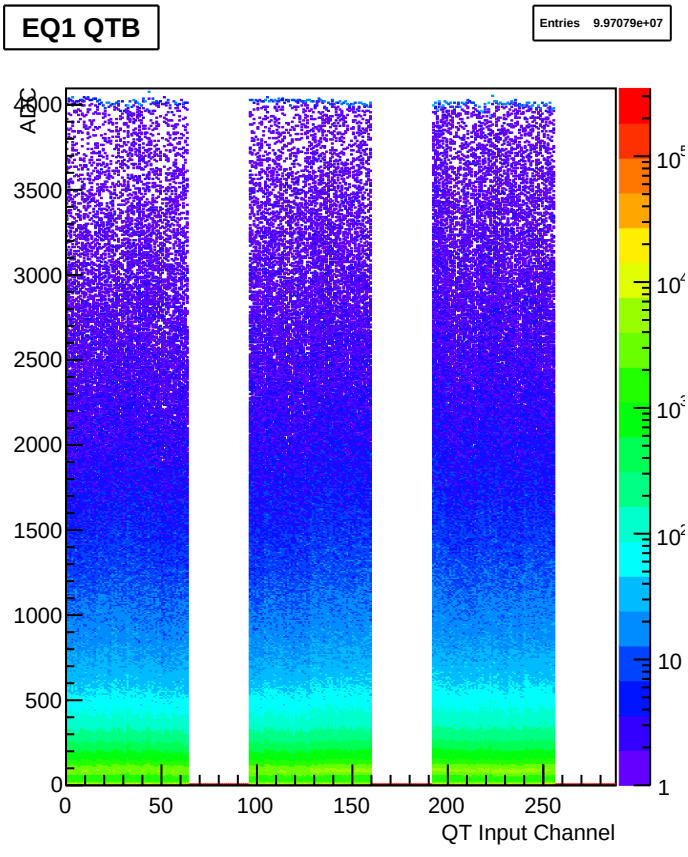

BBQ-ZD001 (ZDC TOWER)
Entries 5539328
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

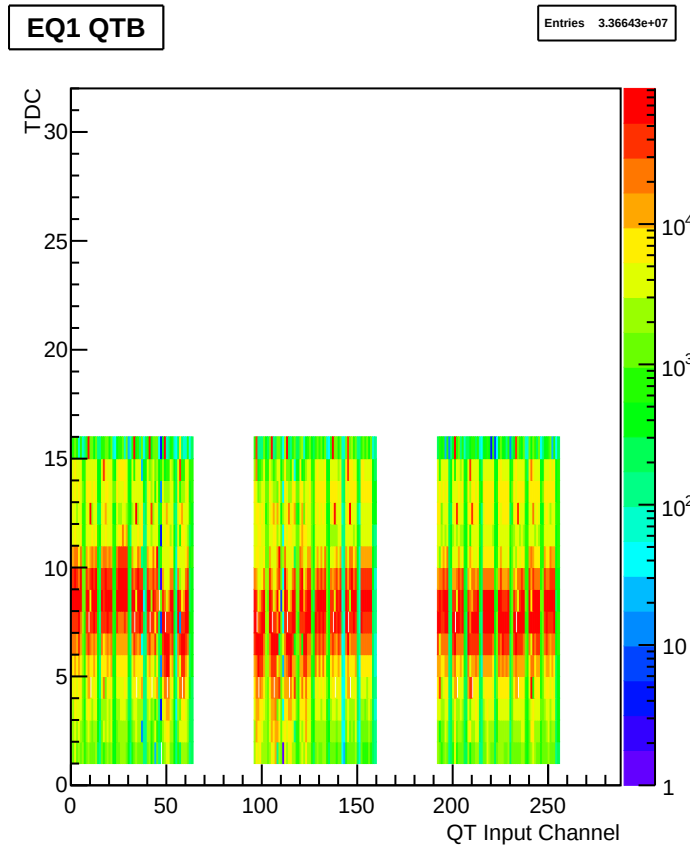

BBQ-VP001 East
Entries 5539328
ADC
QT Input Channel

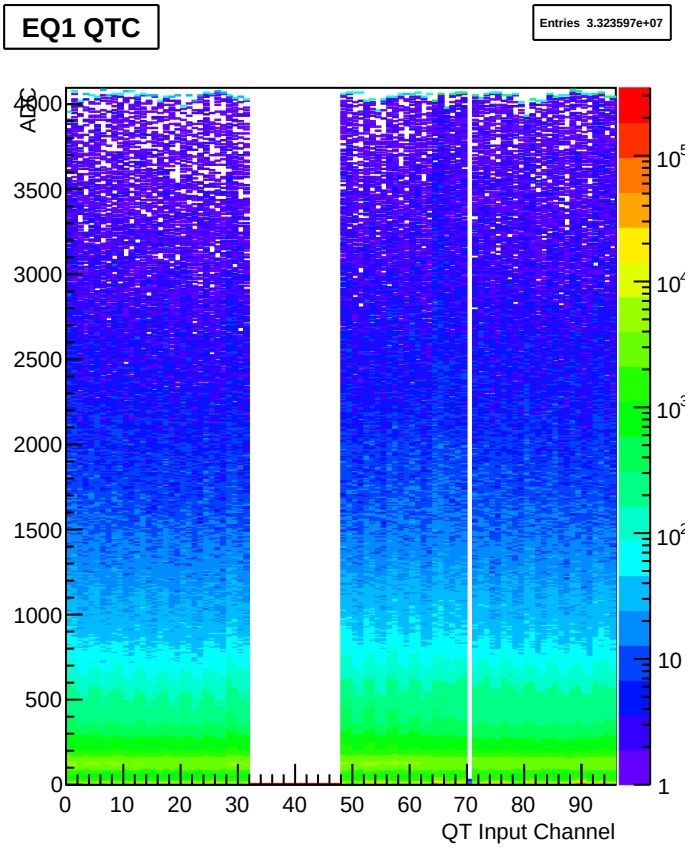

BBQ-VP001 East
Entries 5539328
TADC
QT Input Channel

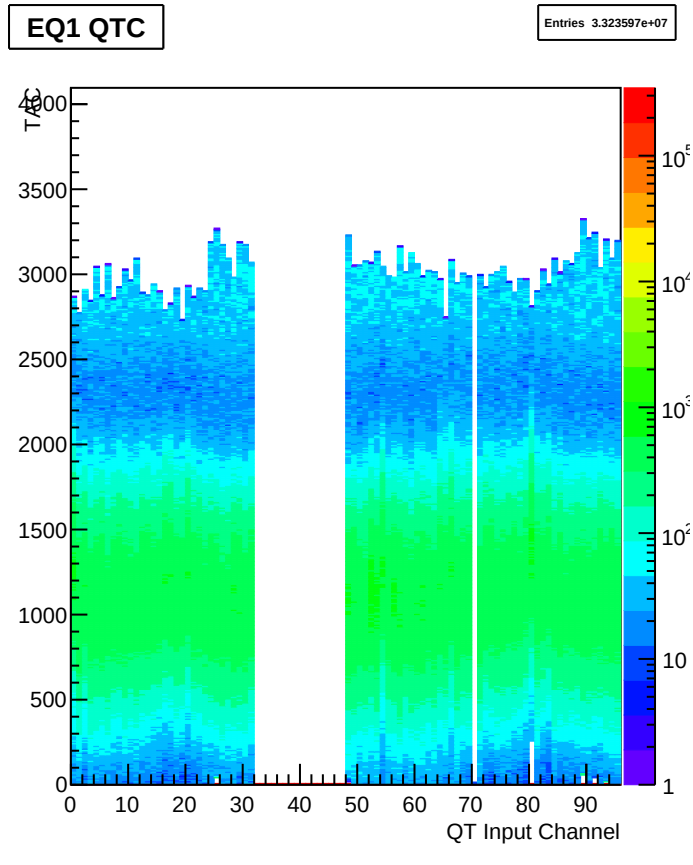

BBQ-VP002 West
Entries 5539328
ADC
QT Input Channel

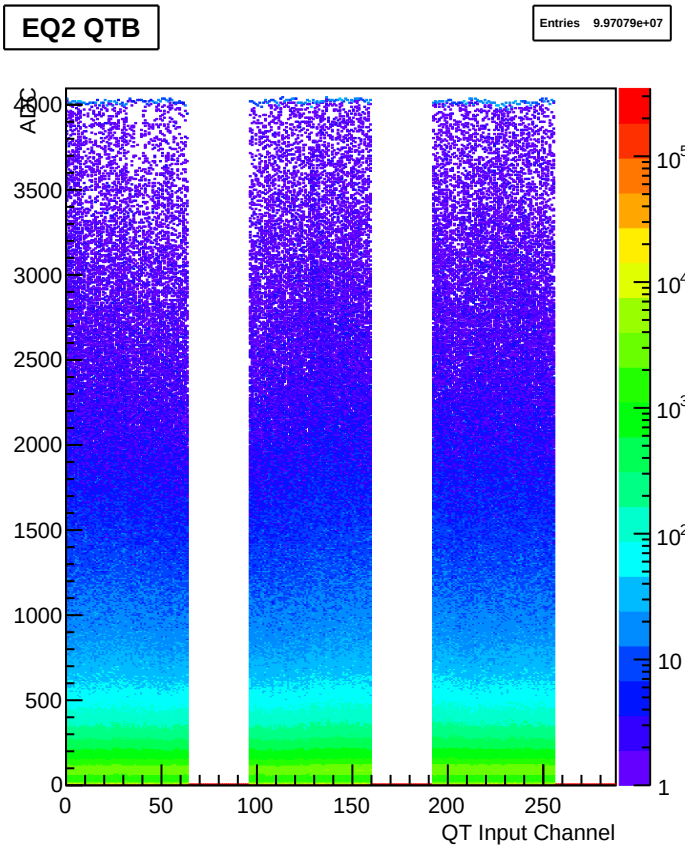

BBQ-VP002 West
Entries 5539328
TADC
QT Input Channel

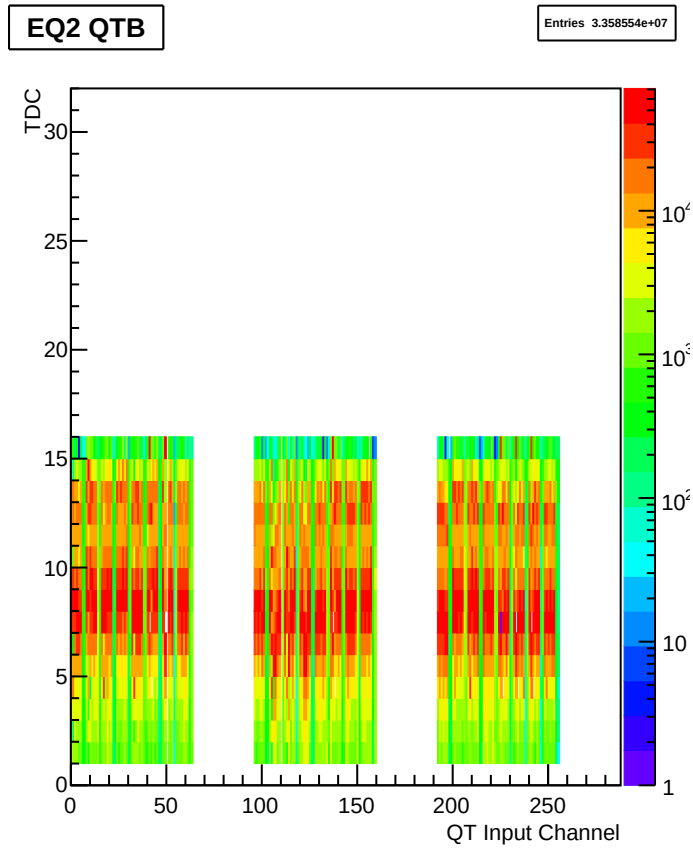

EQ1 QTB
Entries 9.97079e+07
ADC
QT Input Channel

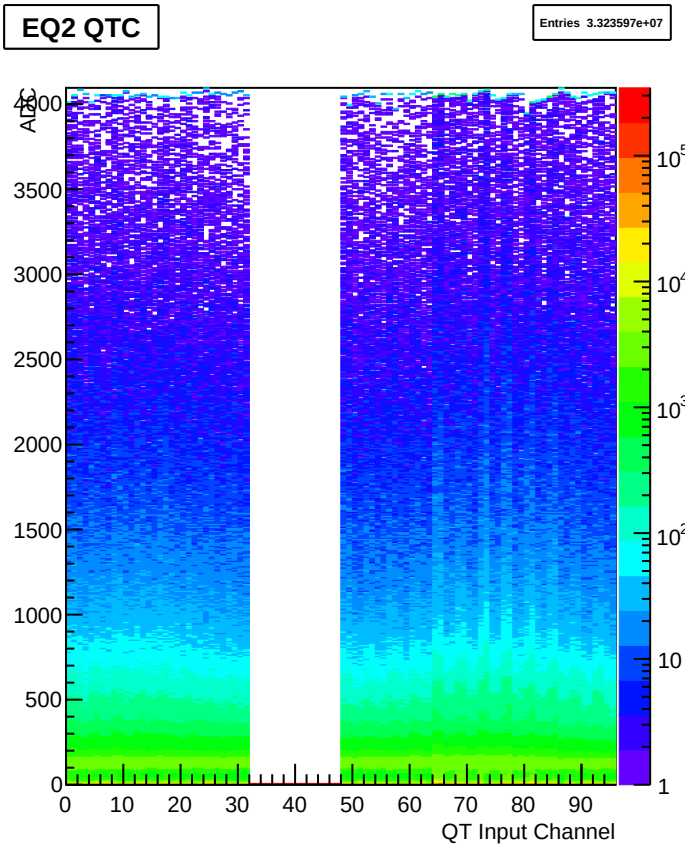

EQ1 QTB
Entries 3.36643e+07
TDC
QT Input Channel

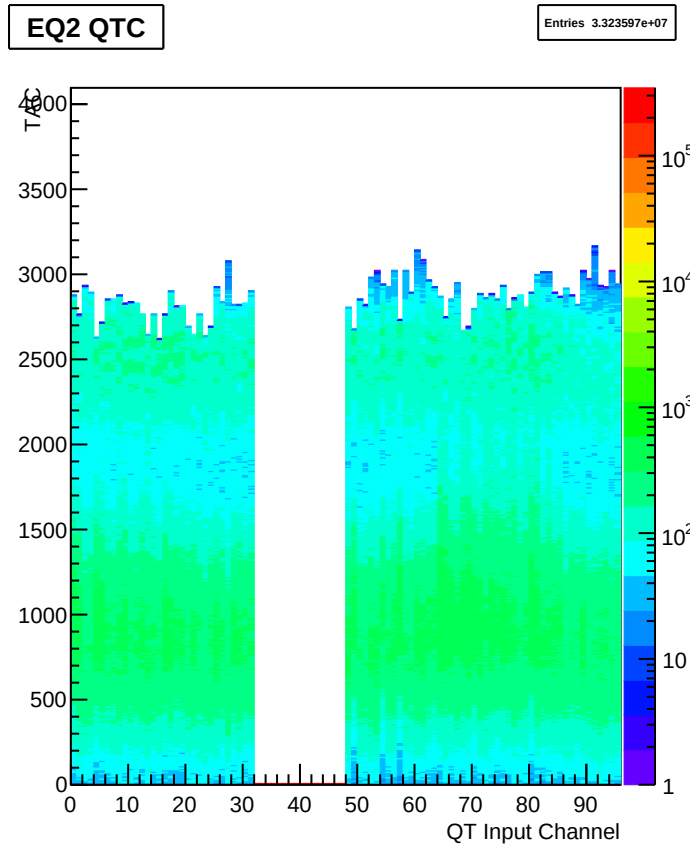

EQ1 QTC
Entries 3.323597e+07
ADC
QT Input Channel

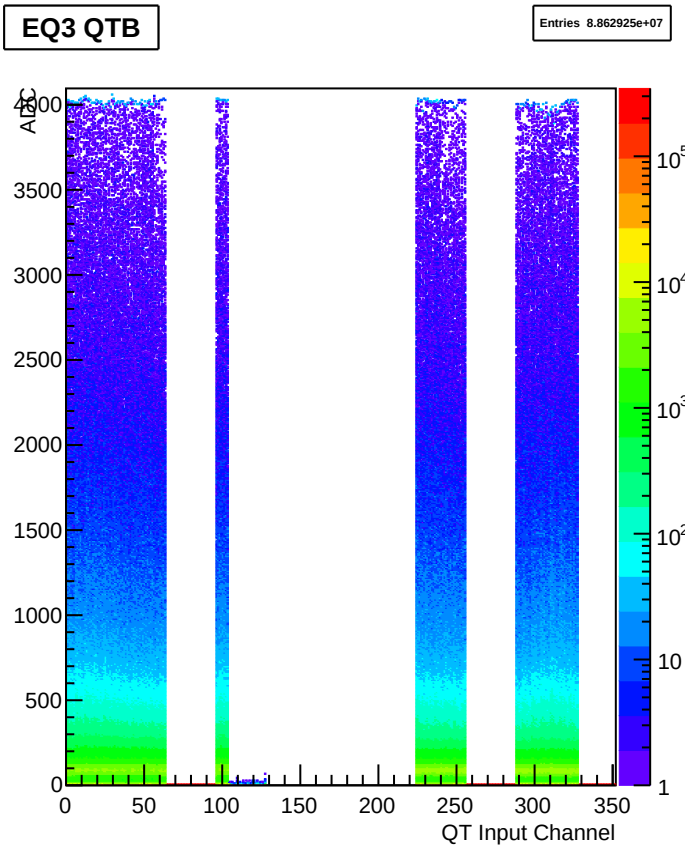

EQ1 QTC
Entries 3.323597e+07
TADC
QT Input Channel

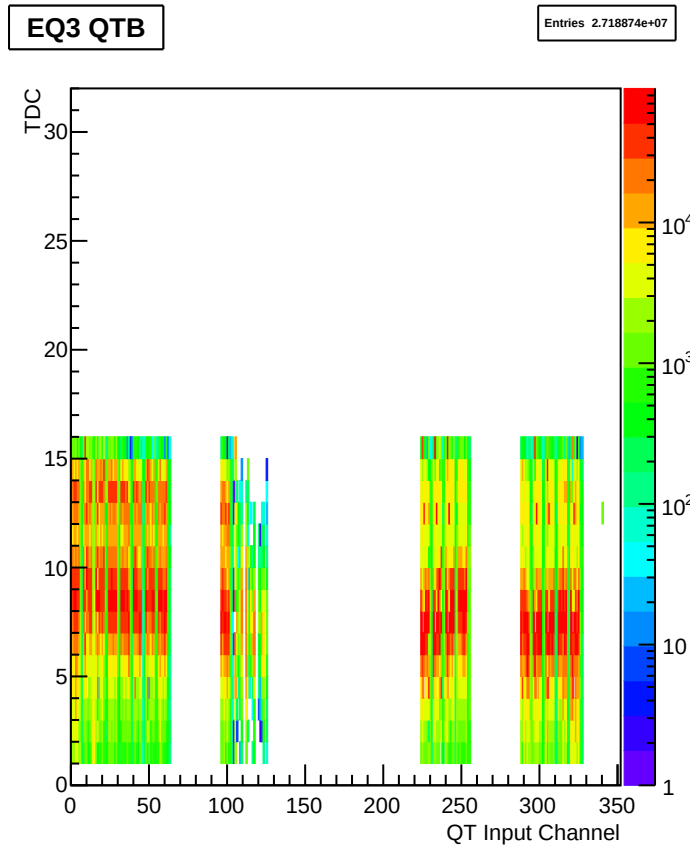

EQ2 QTB
Entries 9.97079e+07
ADC
QT Input Channel

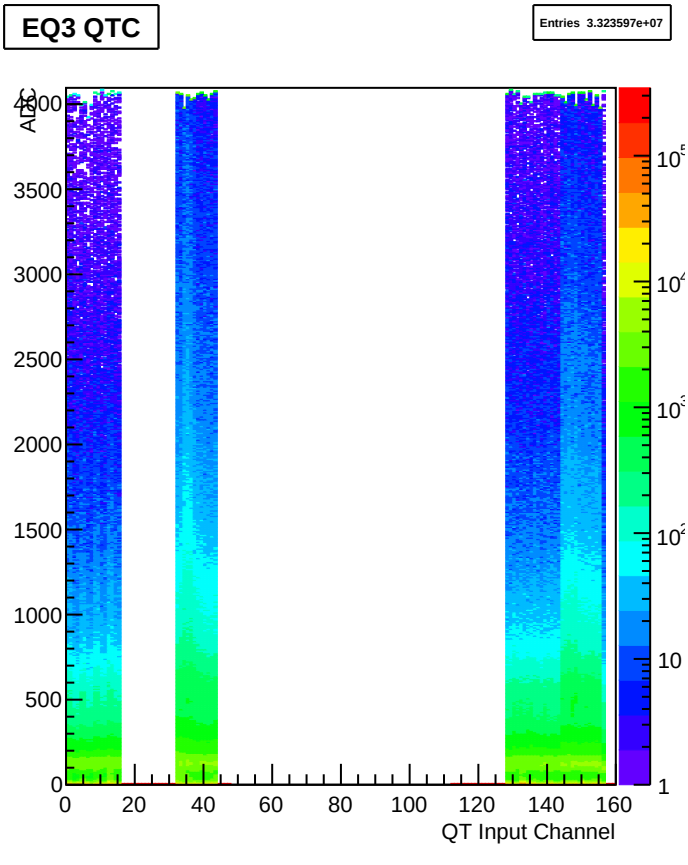

EQ2 QTB
Entries 3.358554e+07
TDC
QT Input Channel

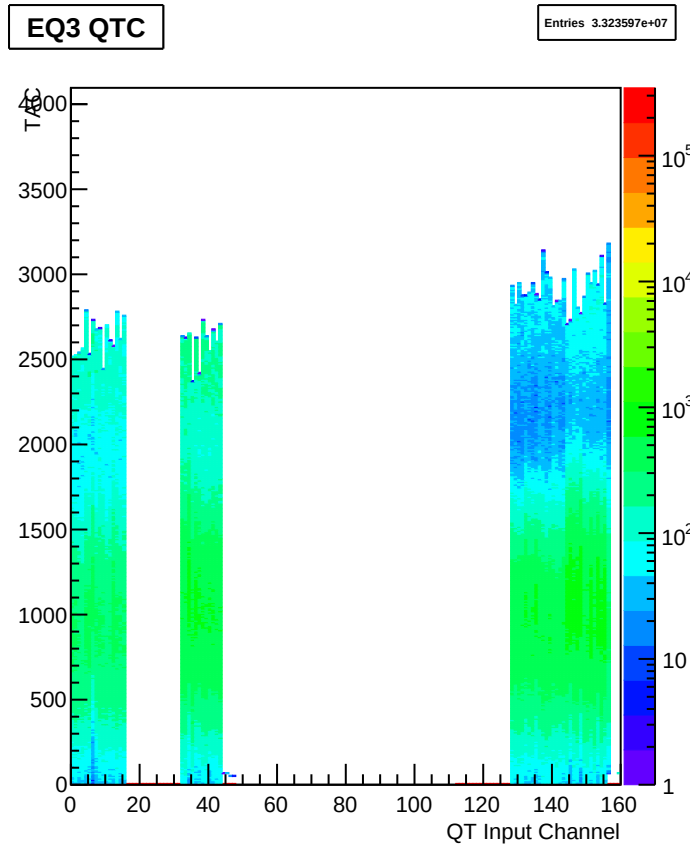

EQ2 QTC
Entries 3.323597e+07
ADC
QT Input Channel

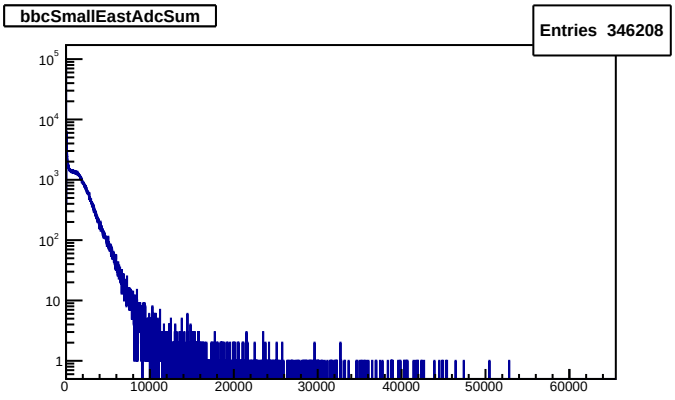

EQ2 QTC
Entries 3.323597e+07
TADC
QT Input Channel

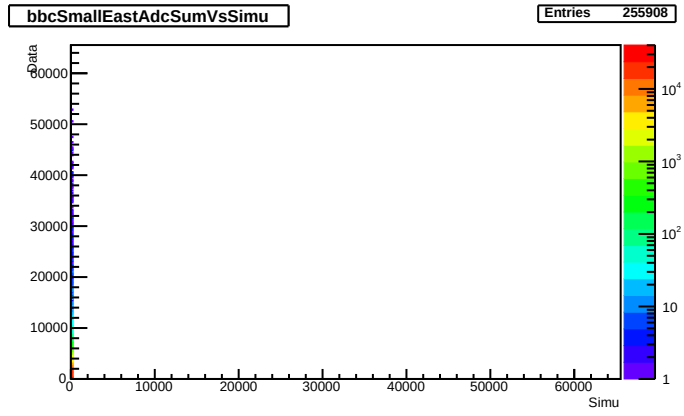

EQ3 QTB
Entries 8.862925e+07
ADC
QT Input Channel

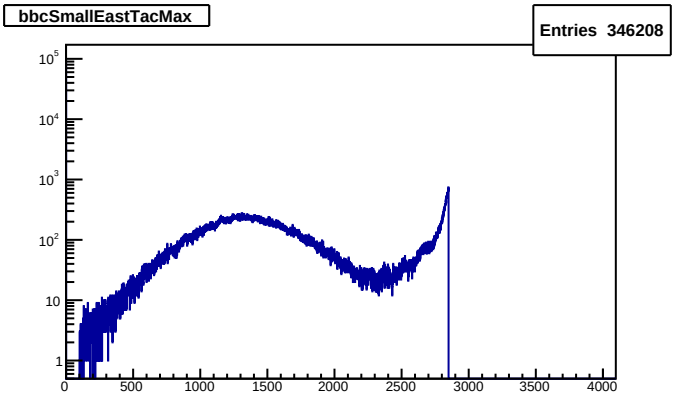

EQ3 QTB
Entries 2.718874e+07
TDC
QT Input Channel

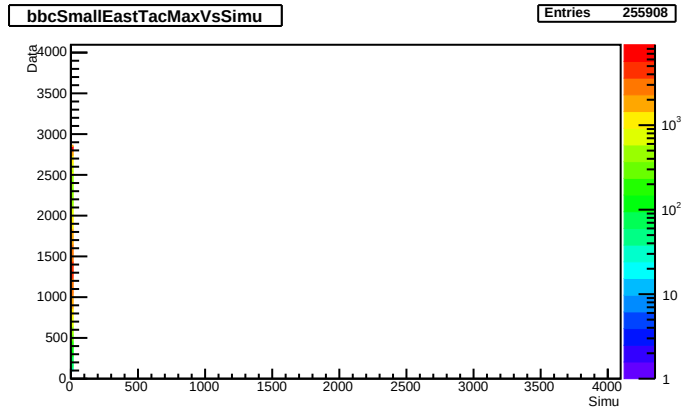

EQ3 QTC
Entries 3.323597e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.323597e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 346208


bbcSmallEastAdcSumVsSimu
Entries 255908
Data
Simu


bbcSmallEastTacMax
Entries 346208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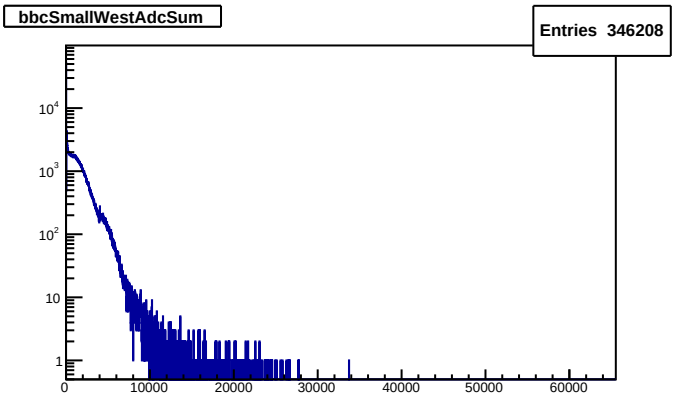
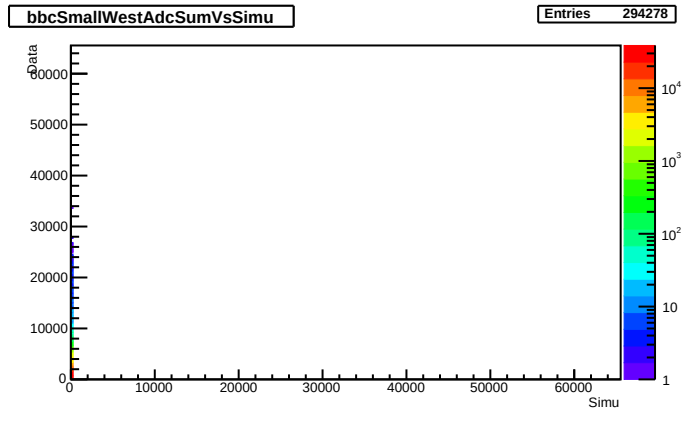
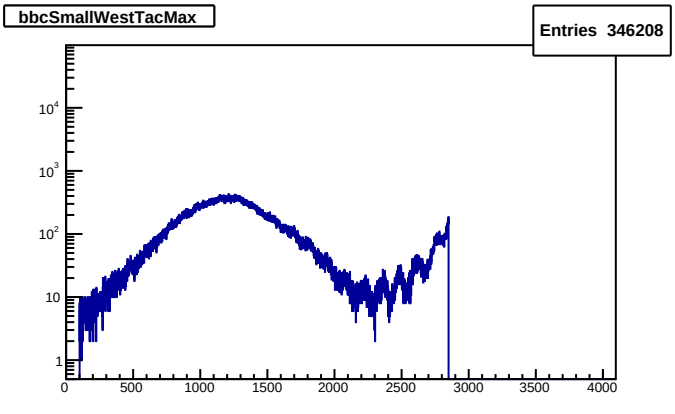
Entries 255908
Data
Simu


bbcSmallWestAdcSum
Entries 346208


bbcSmallWestAdcSumVsSimu
Entries 294278
Data
Simu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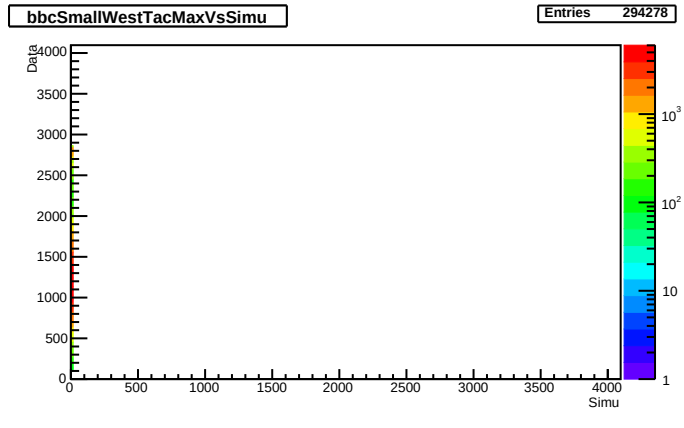
Entries 346208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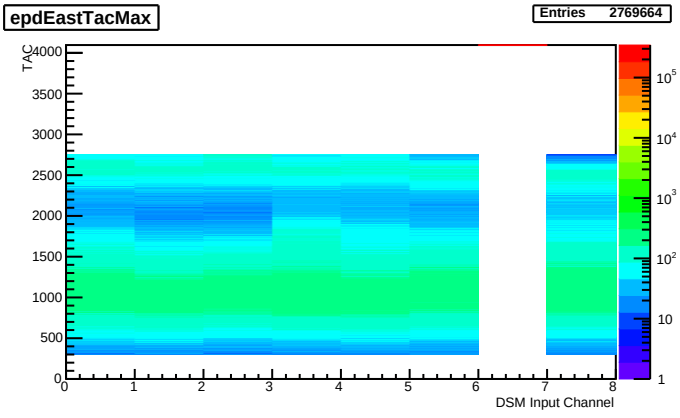
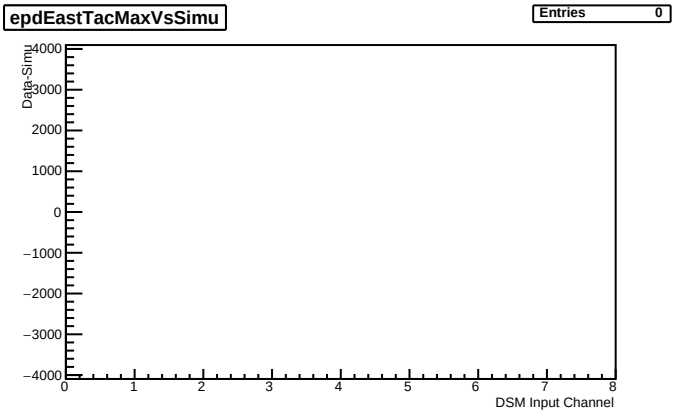
Entries 294278
Data
Simu


epdEastTacMax
Entries 2769664
TAC
DSM Input Channel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Data-Simu
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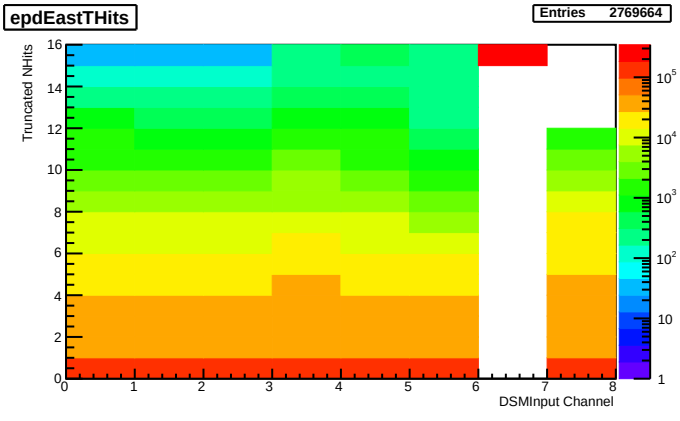
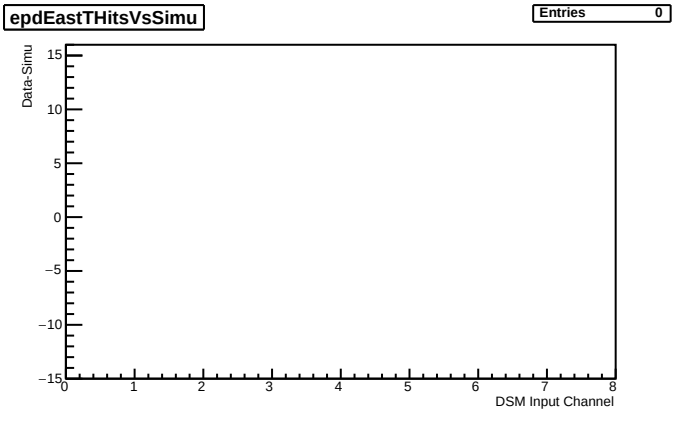

epdEastTHits
Entries 2769664
Truncated NHits
DSMInput Channel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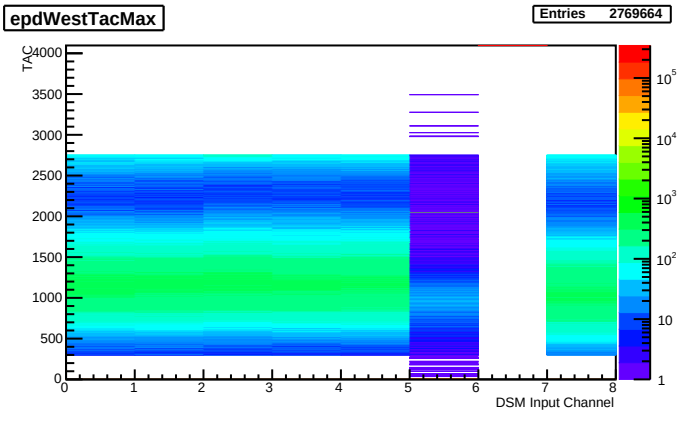
Data-Simu
DSM Input Channel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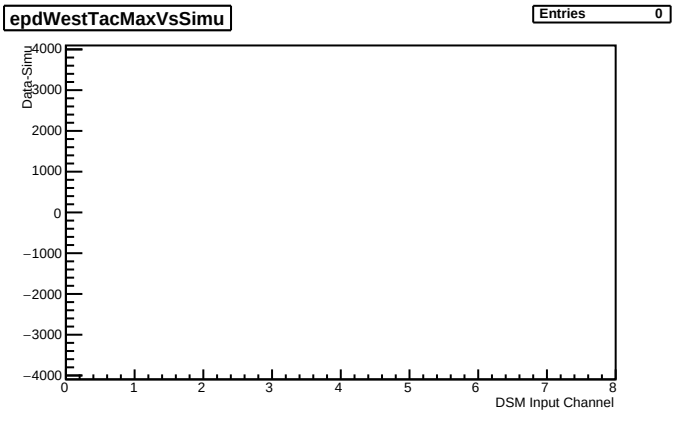
Entries 2769664
TAC
DSM Input Channel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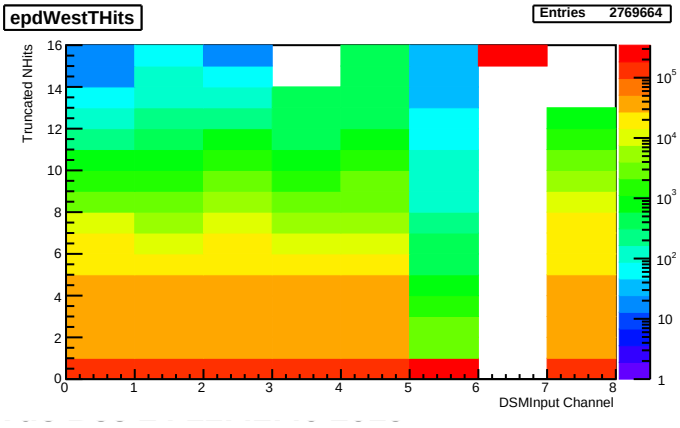
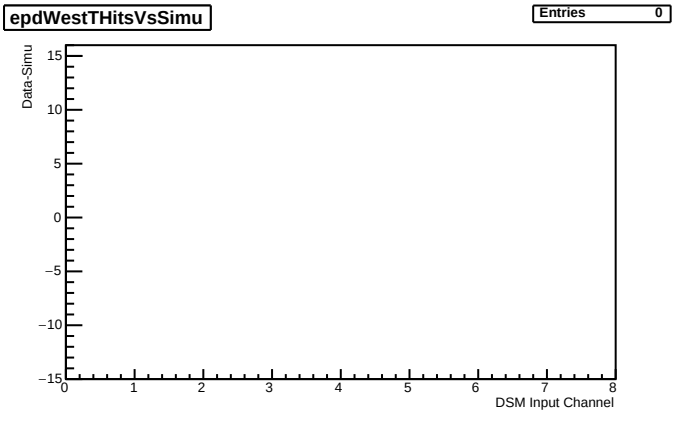
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2769664
Truncated NHits
DSMInput Channel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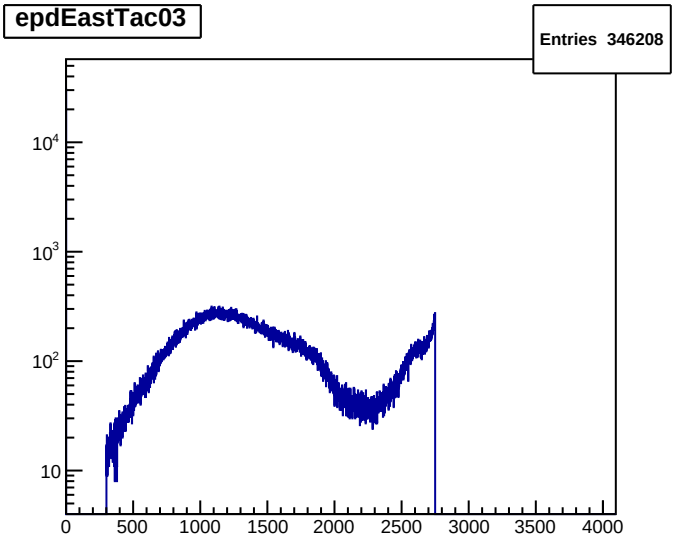
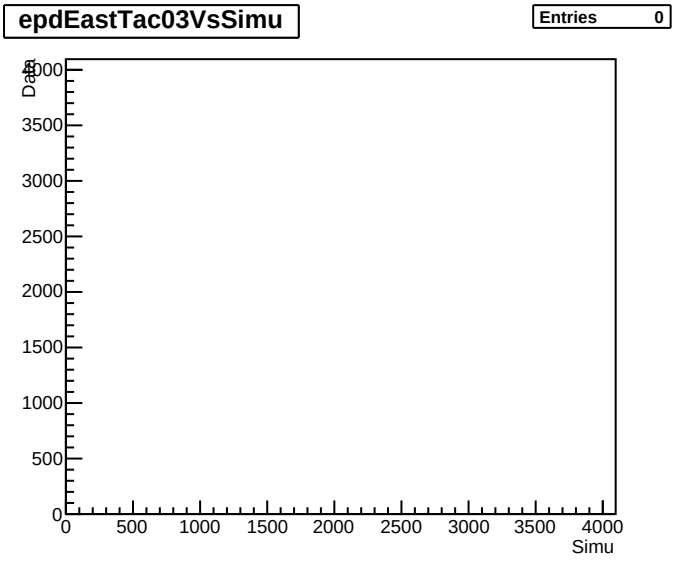
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 346208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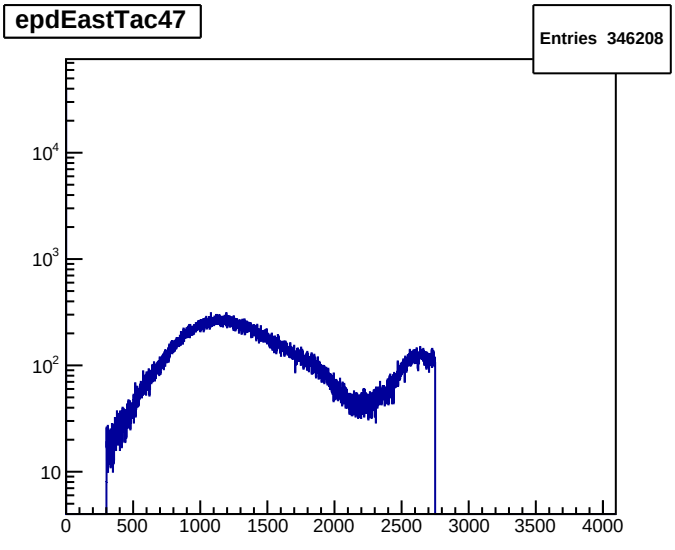
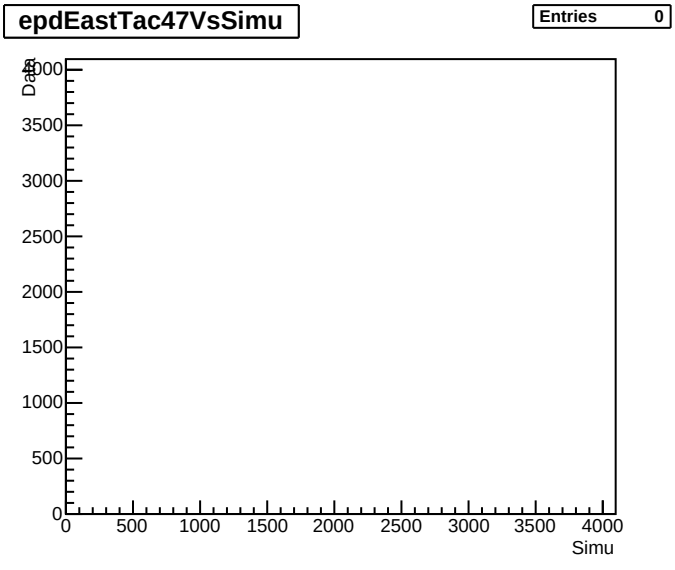
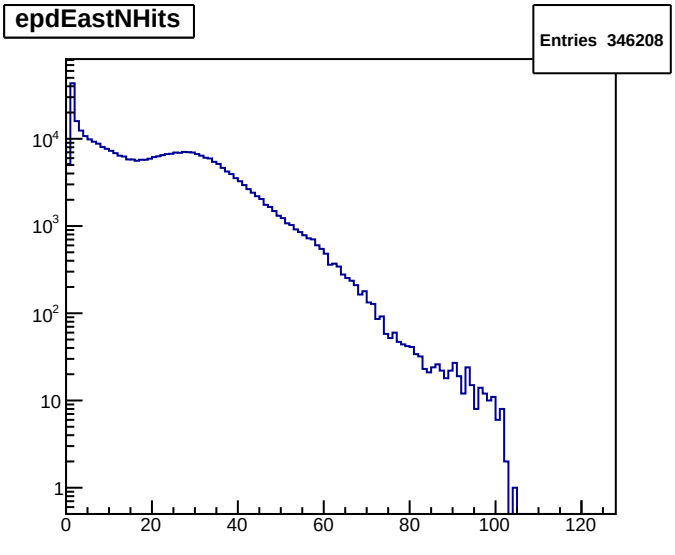
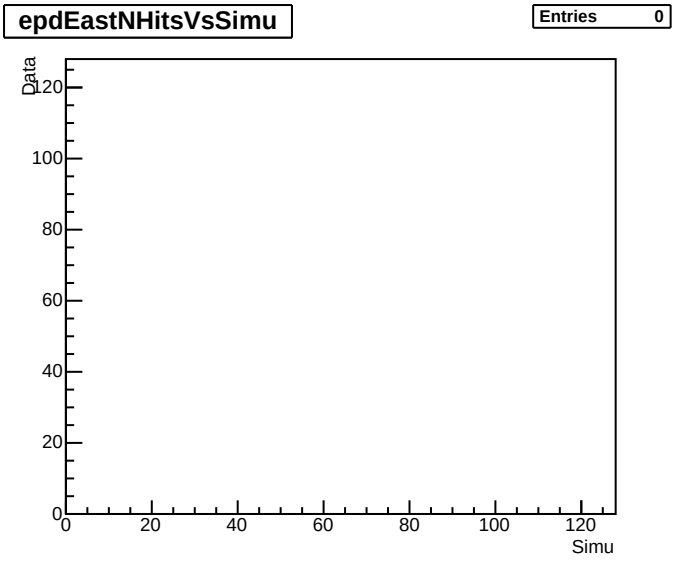
Entries 0
Data
Simu


epdEastTac47
Entries 346208


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 346208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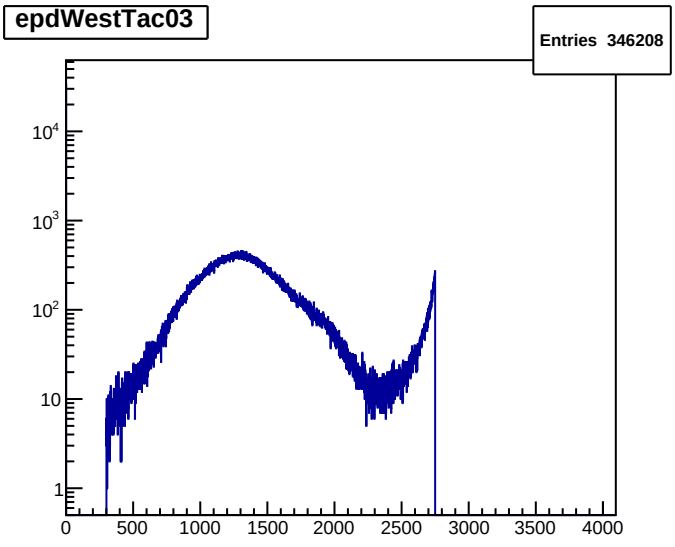
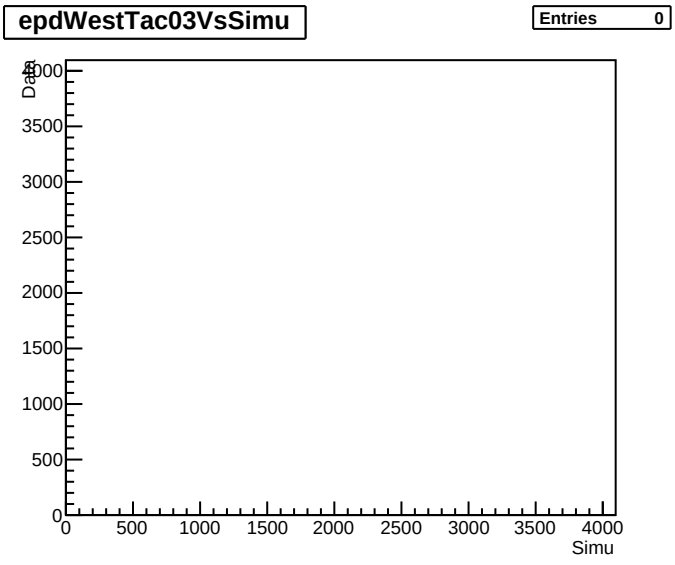
Entries 0
Data
Simu


epdWestTac03
Entries 346208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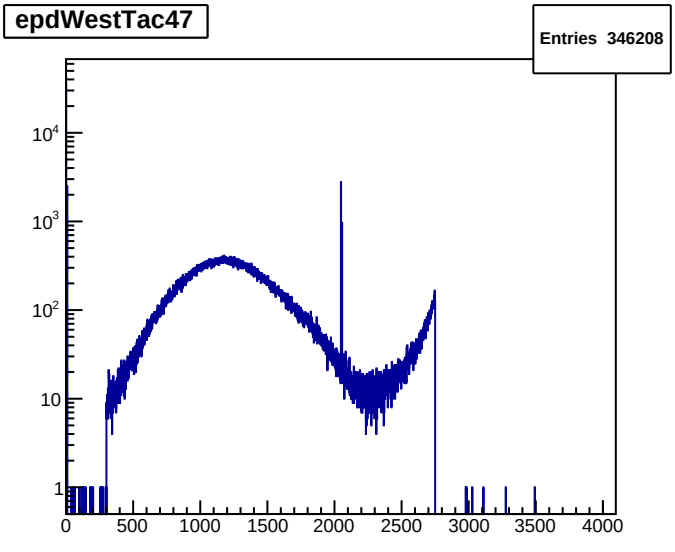
Entries 0
Data
Simu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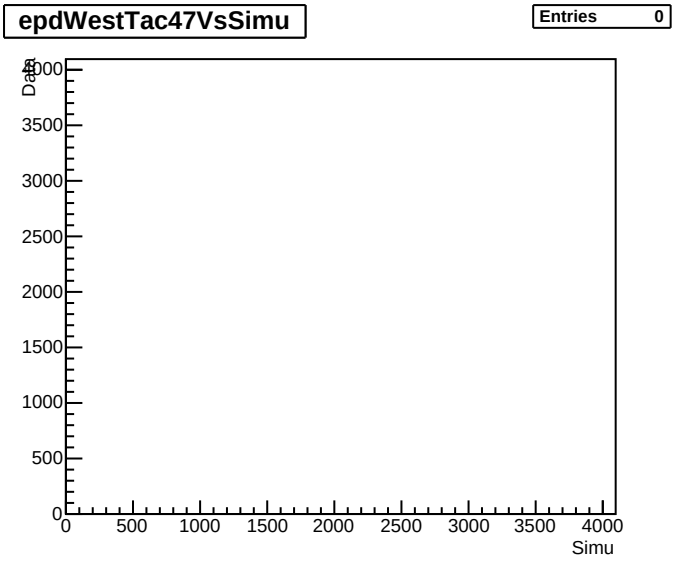
Entries 346208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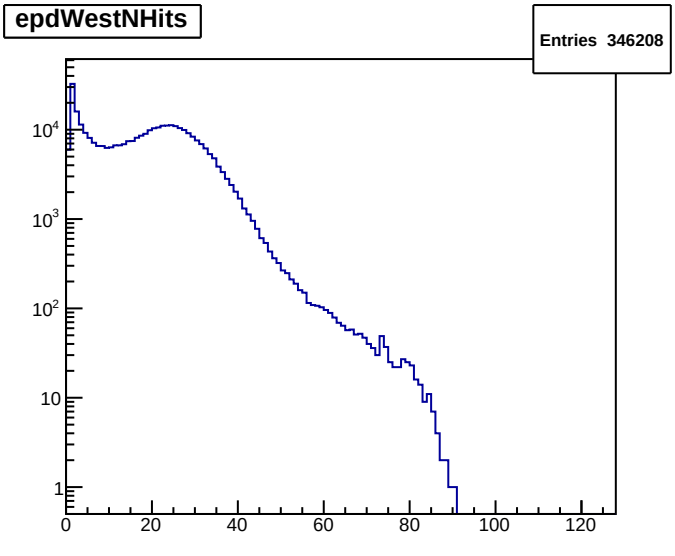
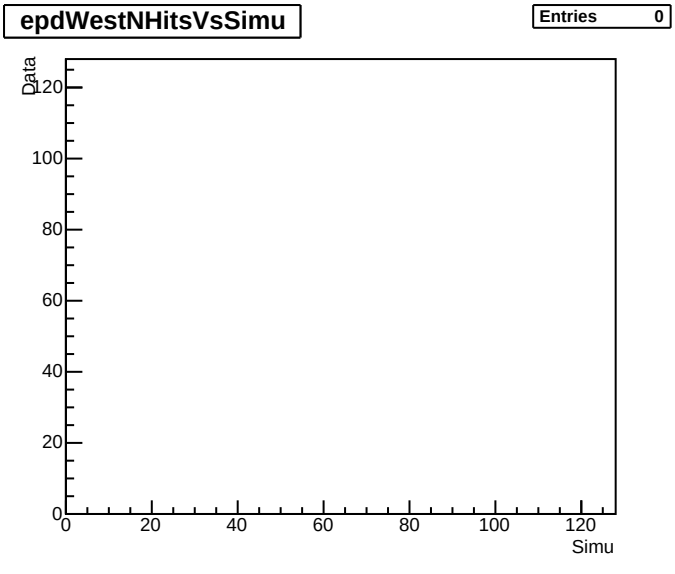
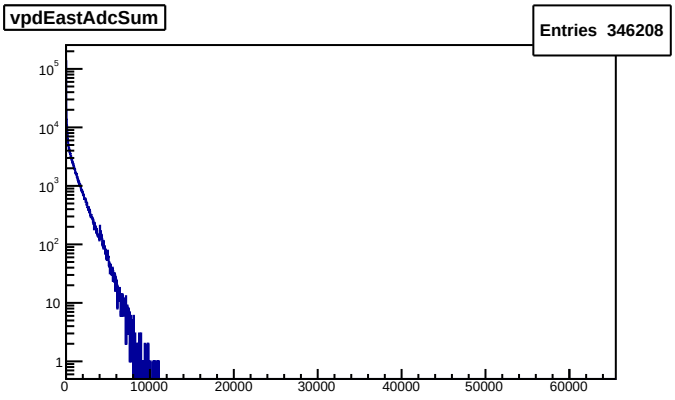
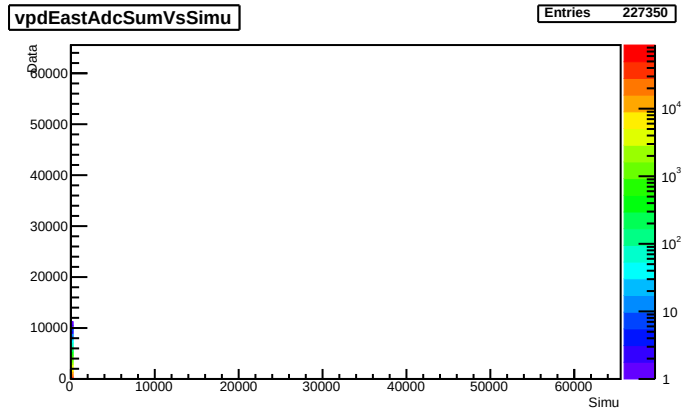
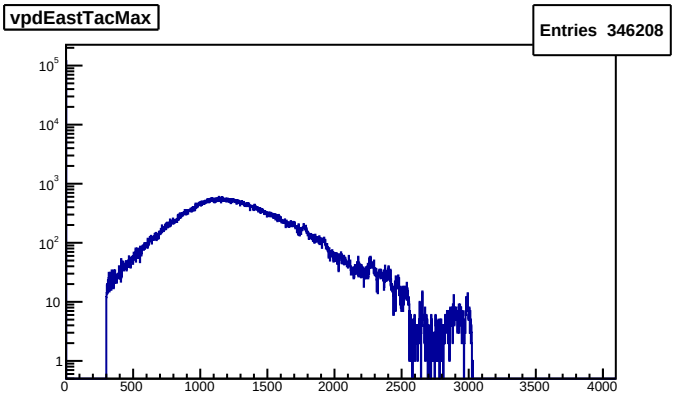
Entries 0
Data
Simu

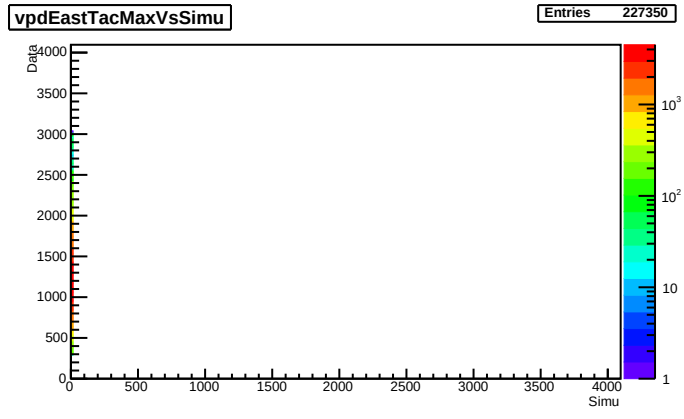

epdWestNHits
Entries 346208

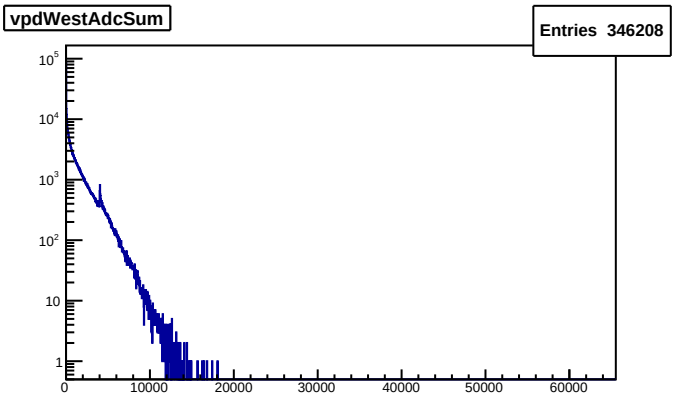

epdWestNHitsVsSimu
Entries 0
Data
Simu

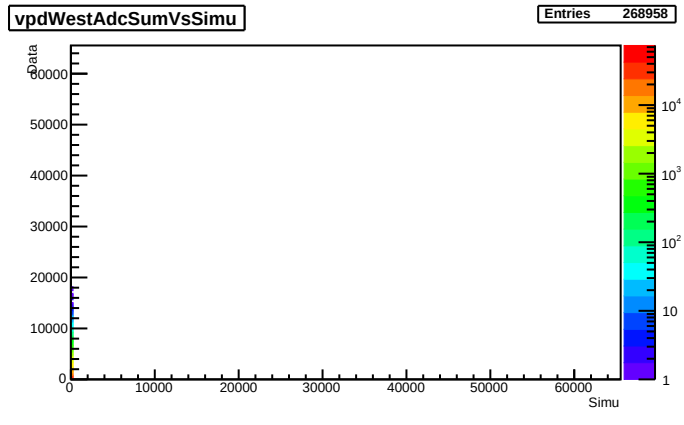

vpdEastAdcSum
Entries 346208

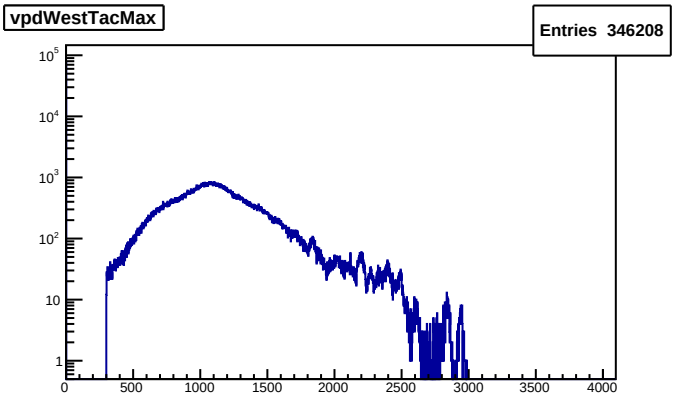

vpdEastAdcSumVsSimu
Entries 227350
Data
Simu

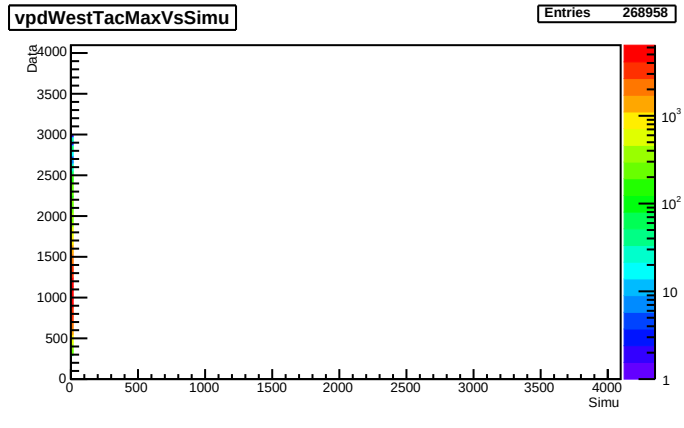

vpdEastTacMax
Entries 346208

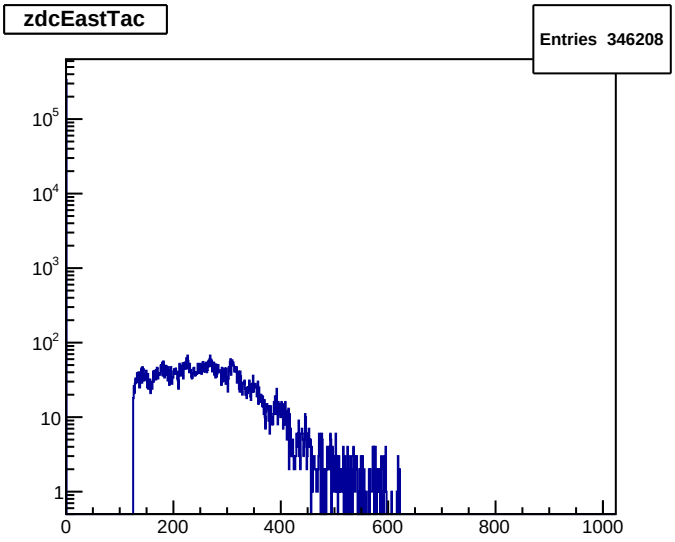

vpdEastTacMaxVsSimu
Entries 227350
Data
Simu

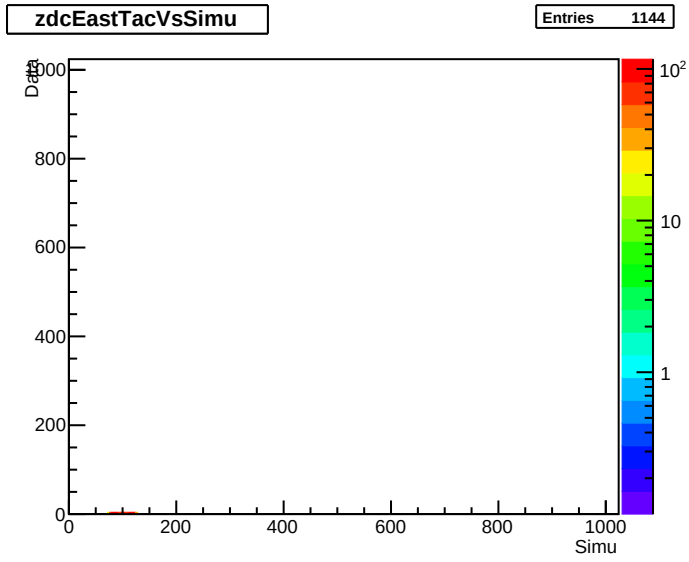

vpdWestAdcSum
Entries 346208

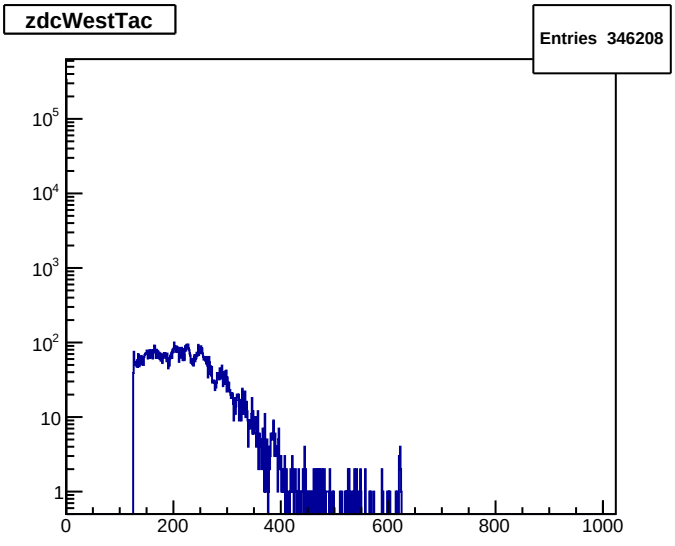

vpdWestAdcSumVsSimu
Entries 268958
Data
Simu

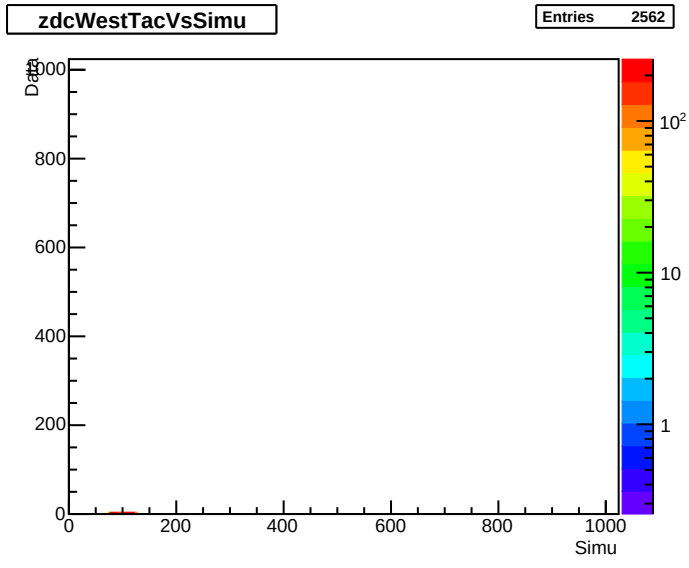

vpdWestTacMax
Entries 346208

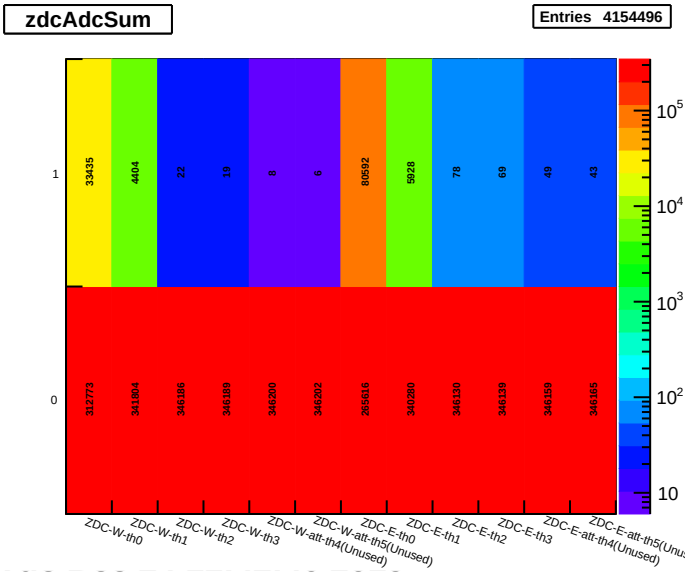

vpdWestTacMaxVsSimu
Entries 268958
Data
Simu

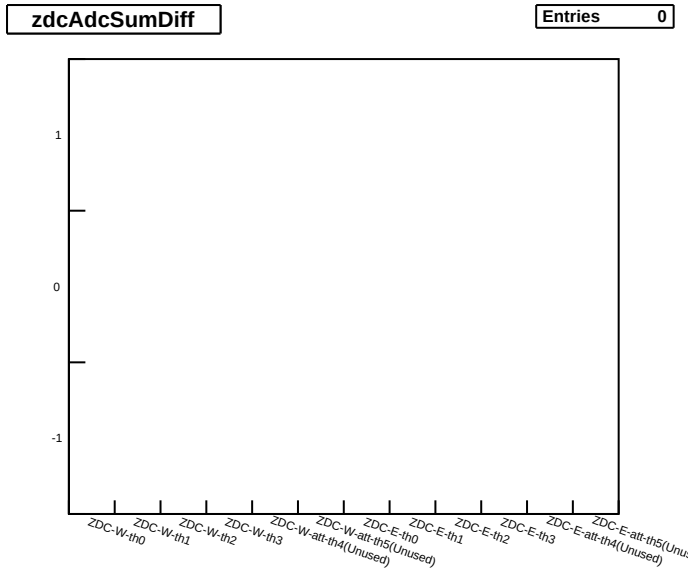

zdcEastTac
Entries 346208

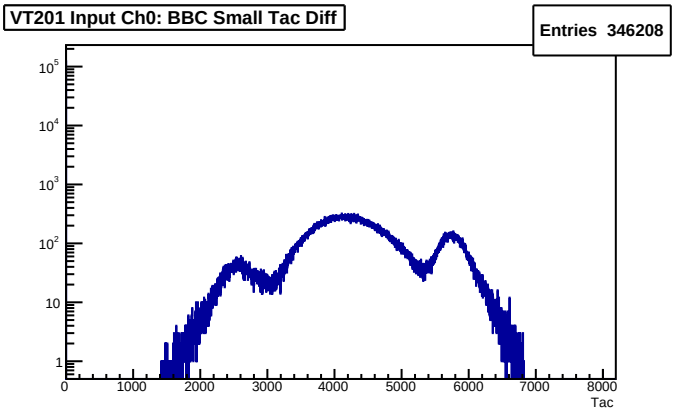

zdcEastTacVsSimu
Entries 1144
Data
Simu

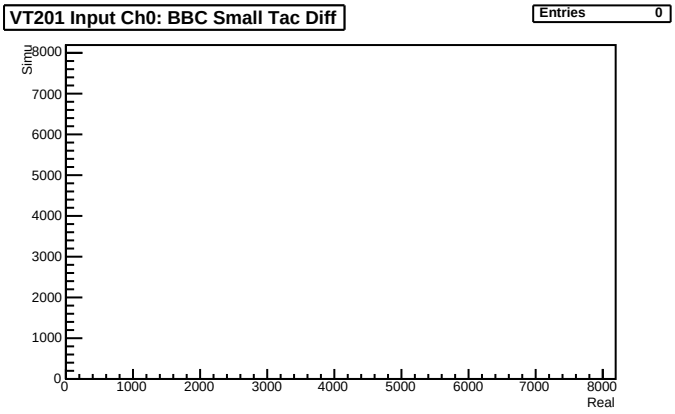

zdcWestTac
Entries 346208

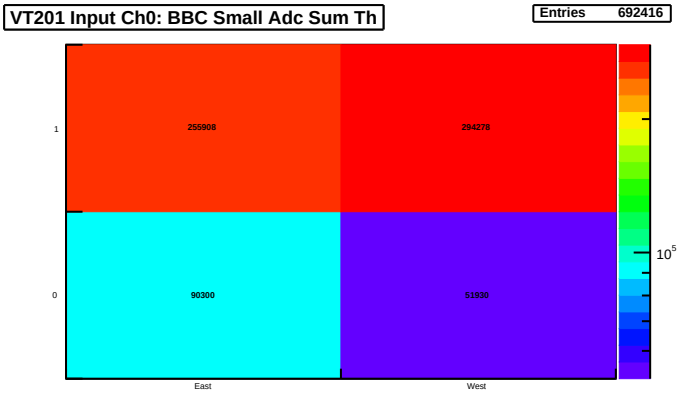

zdcWestTacVsSimu
Entries 2562
Data
Simu

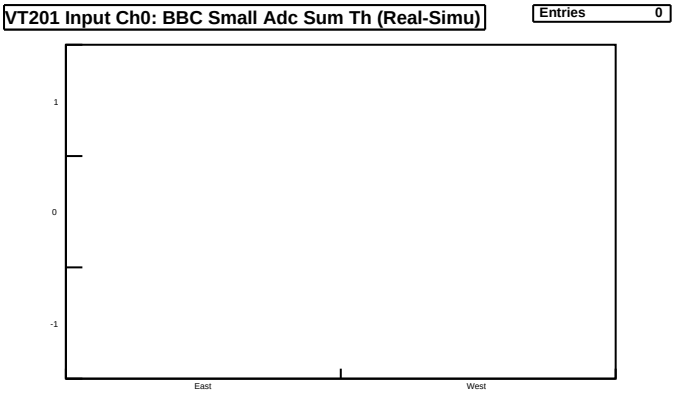

zdcAdcSum
Entries 4154496
33435
4404
22
19
8
6
80592
5928
78
69
49
43
312773
341804
346186
346189
346200
346202
265616
340280
346130
346139
346159
346165
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

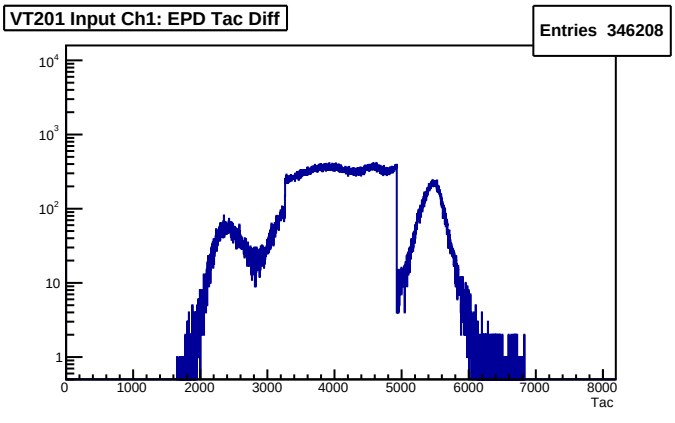

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

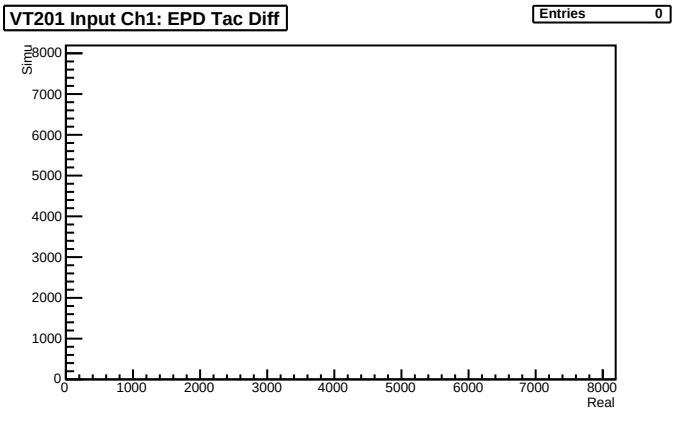

VT201 Input Ch0: BBC Small Tac Diff
Entries 346208
Tac

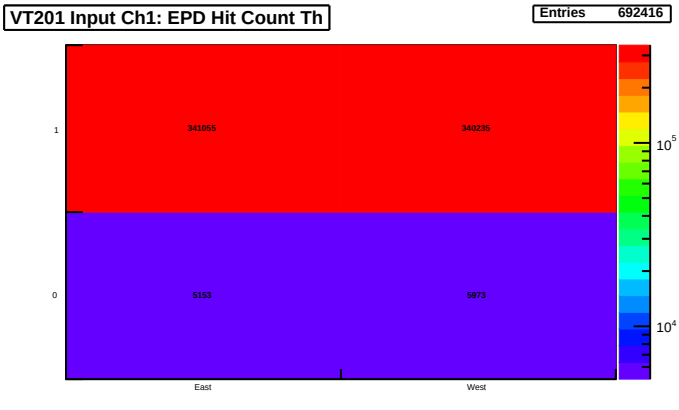

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

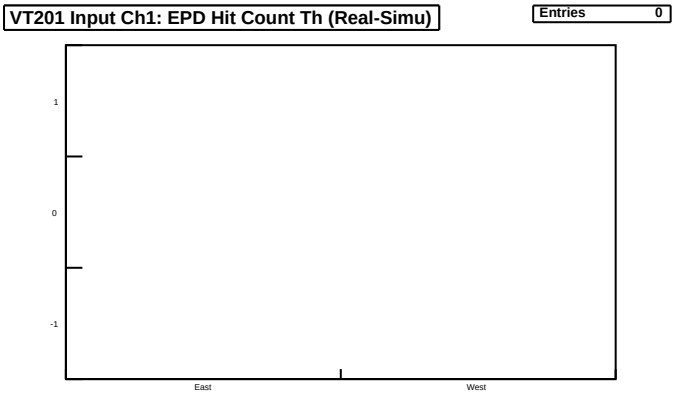

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 692416
255908
294278
90300
51930
East
West

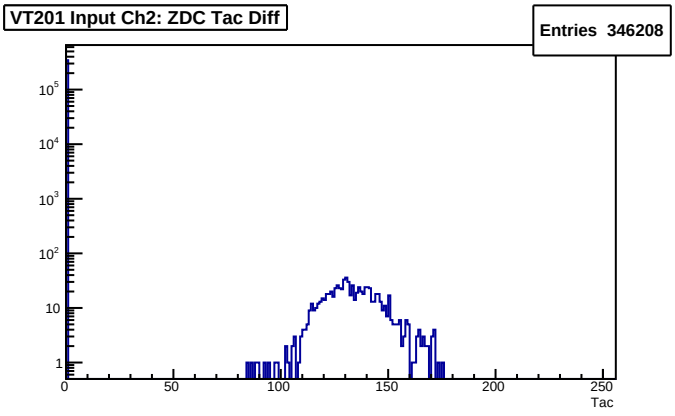

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

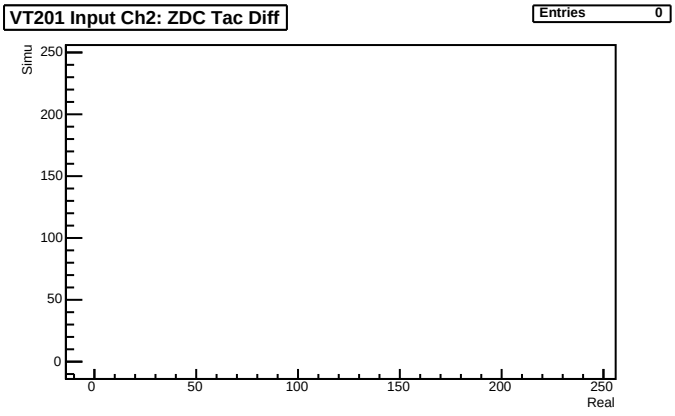

VT201 Input Ch1: EPD Tac Diff
Entries 346208
Tac

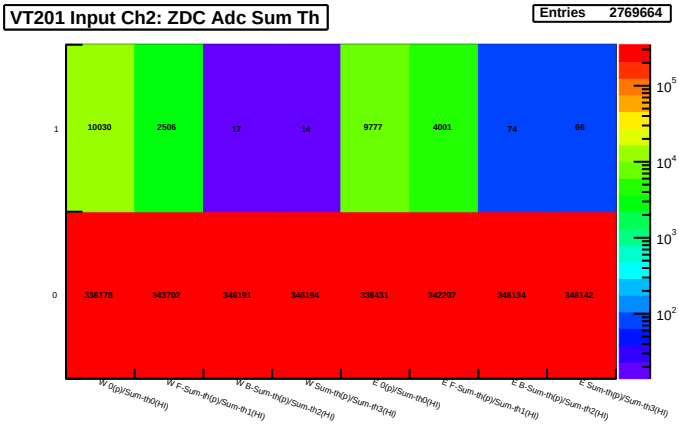

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

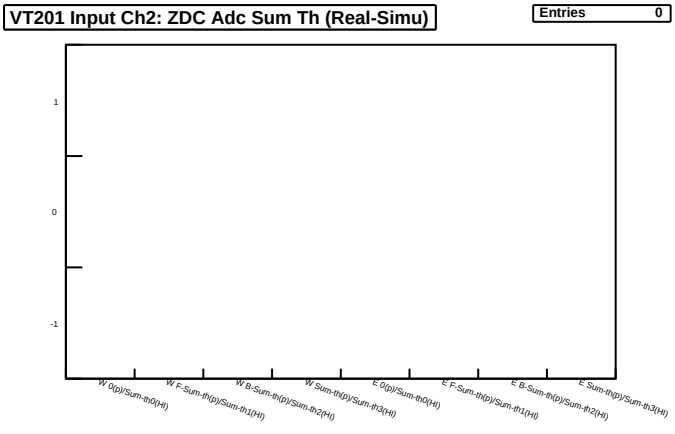

VT201 Input Ch1: EPD Hit Count Th
Entries 692416
341055
340235
5153
5973
East
West

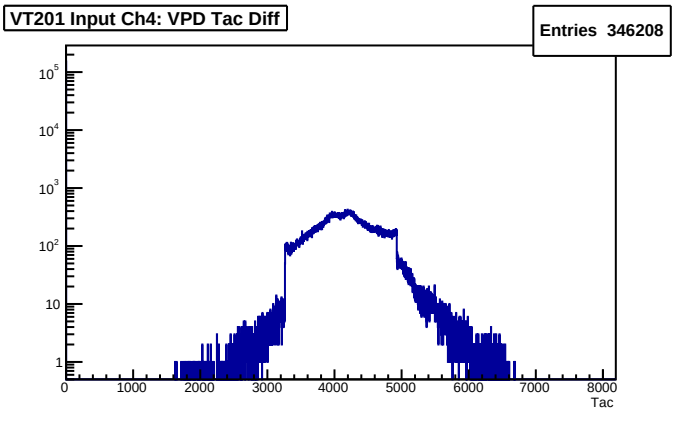

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

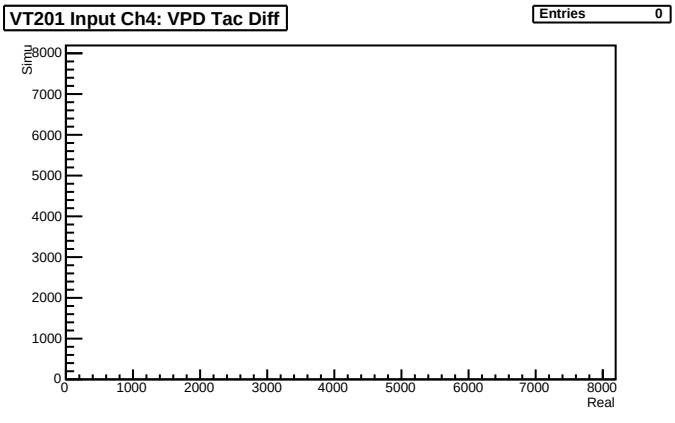

VT201 Input Ch2: ZDC Tac Diff
Entries 346208
Tac

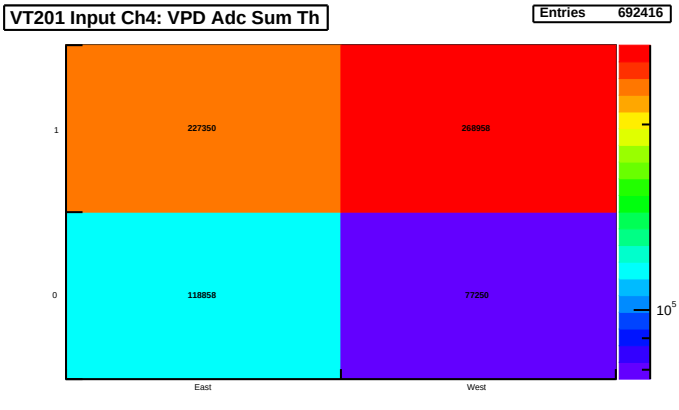

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

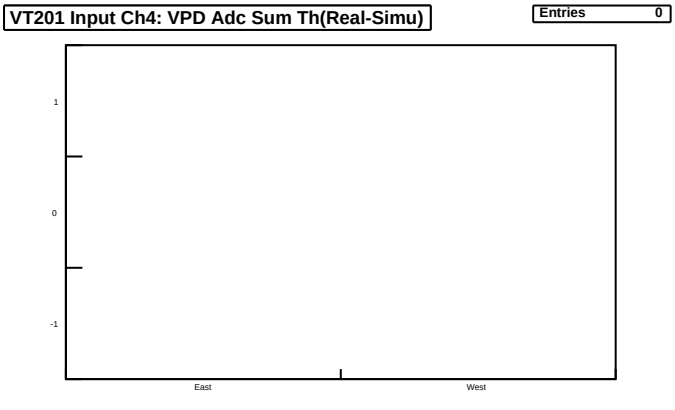

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2769664
10030
2506
17
14
9777
4001
74
66
336178
343702
346191
346194
336431
342207
346134
346142
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

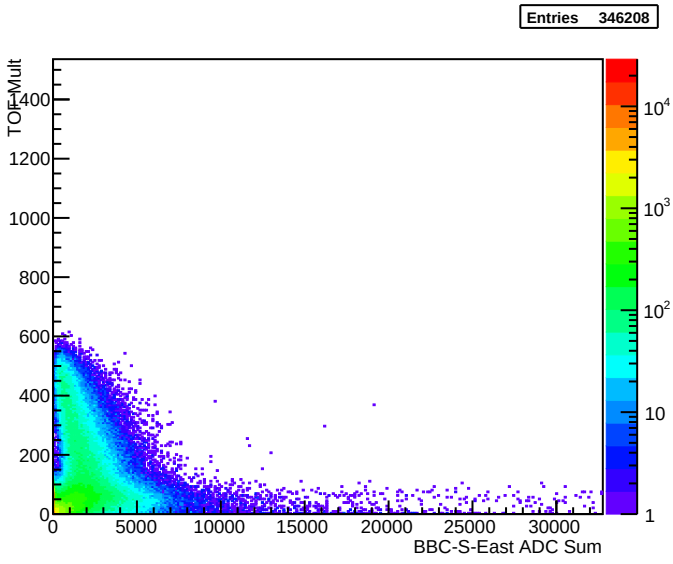

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

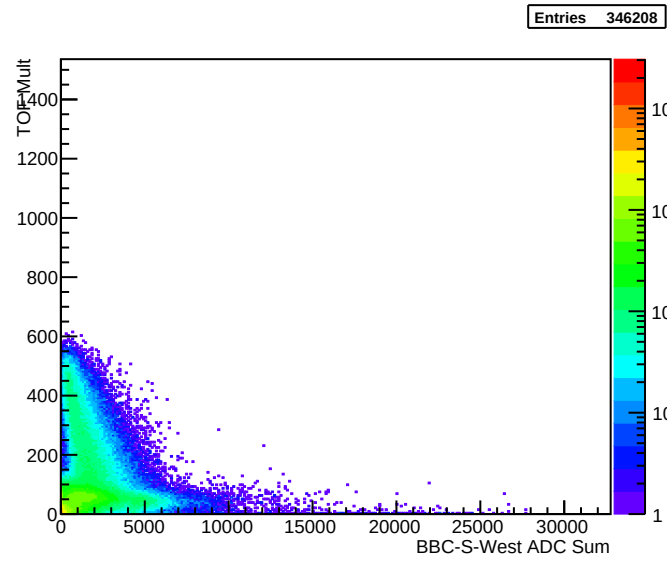

VT201 Input Ch4: VPD Tac Diff
Entries 346208
Tac

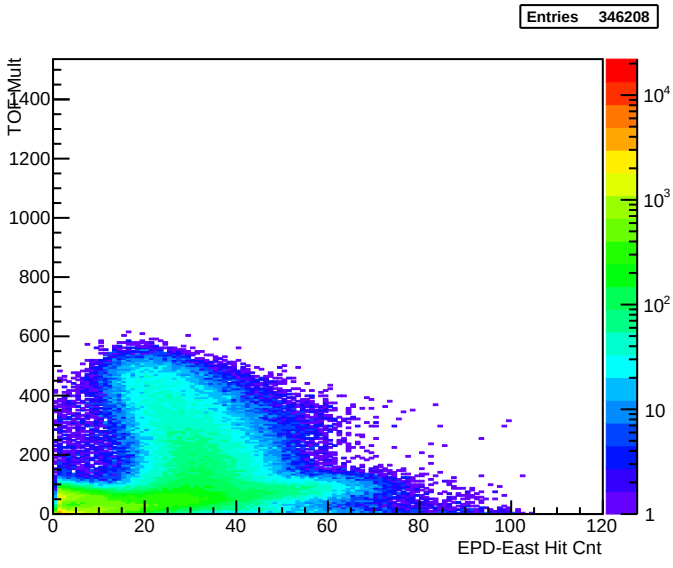

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

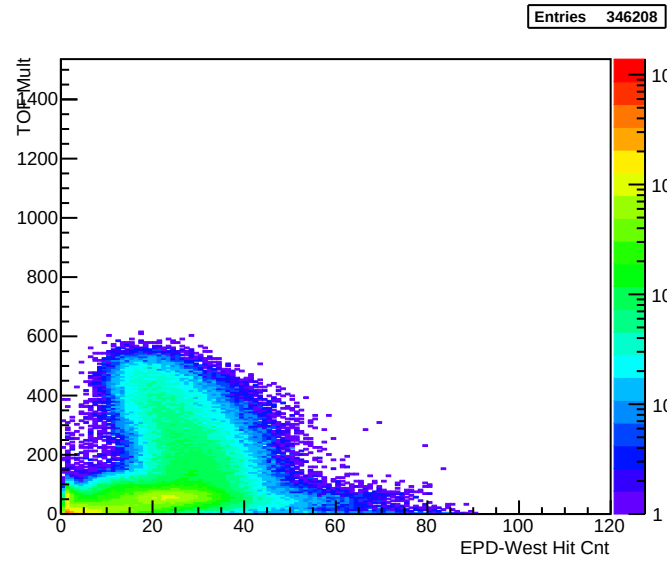

VT201 Input Ch4: VPD Adc Sum Th
Entries 692416
227350
269958
118858
77250
East
West

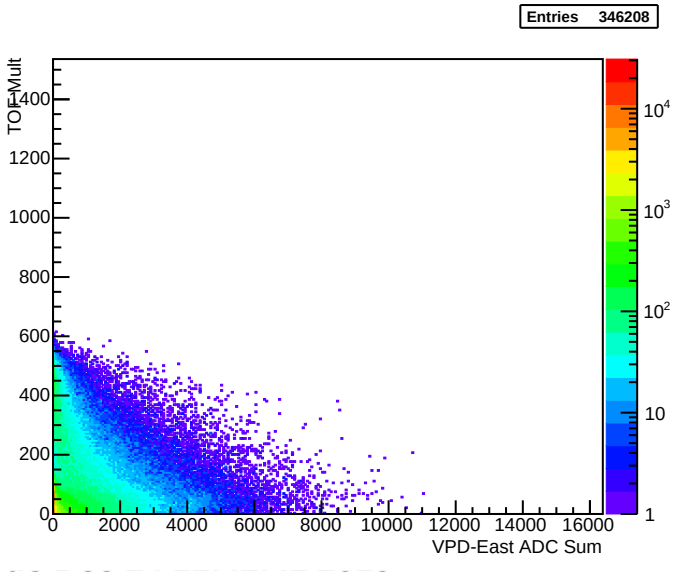

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

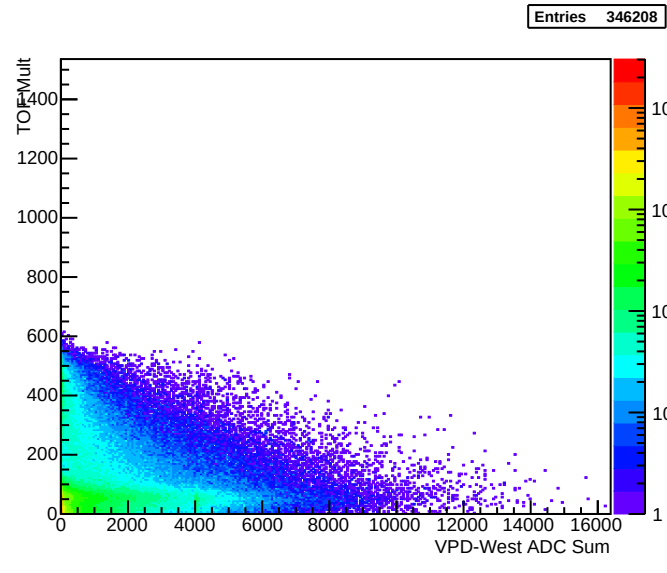

Entries 346208
TOF-Mult
BBC-S-East ADC Sum

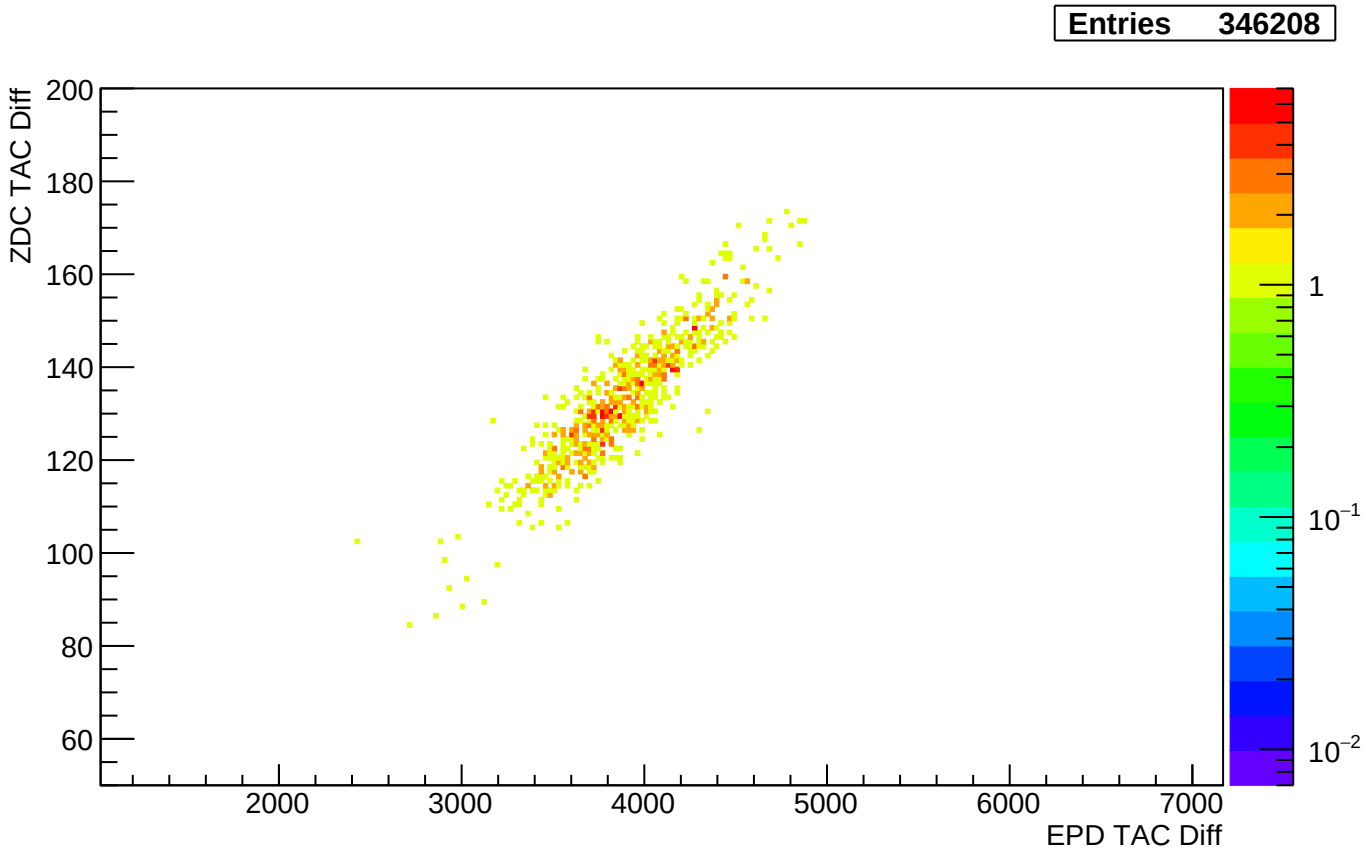

Entries 346208
TOF-Mult
BBC-S-West ADC Sum

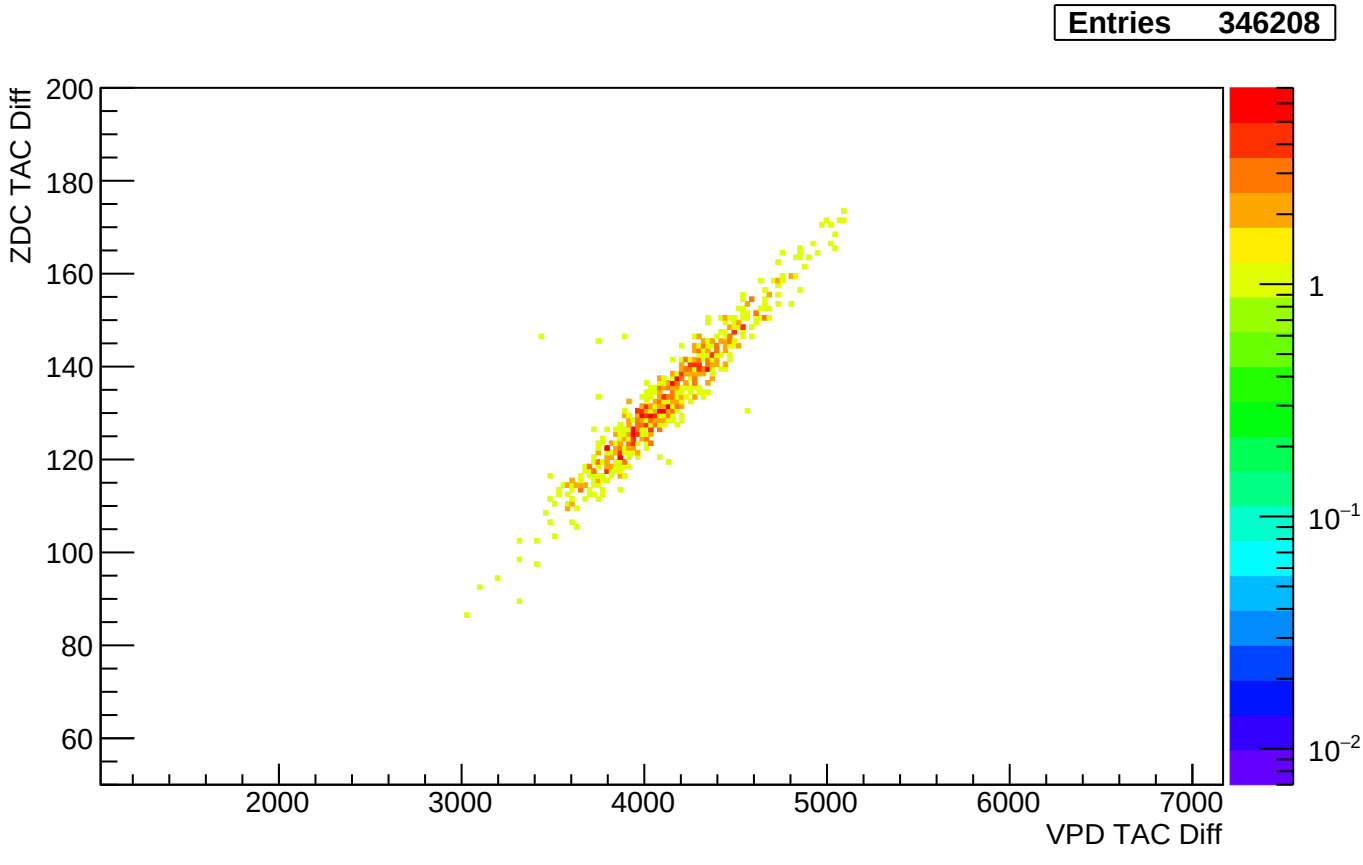

Entries 346208
TOF-Mult
EPD-East Hit Cnt

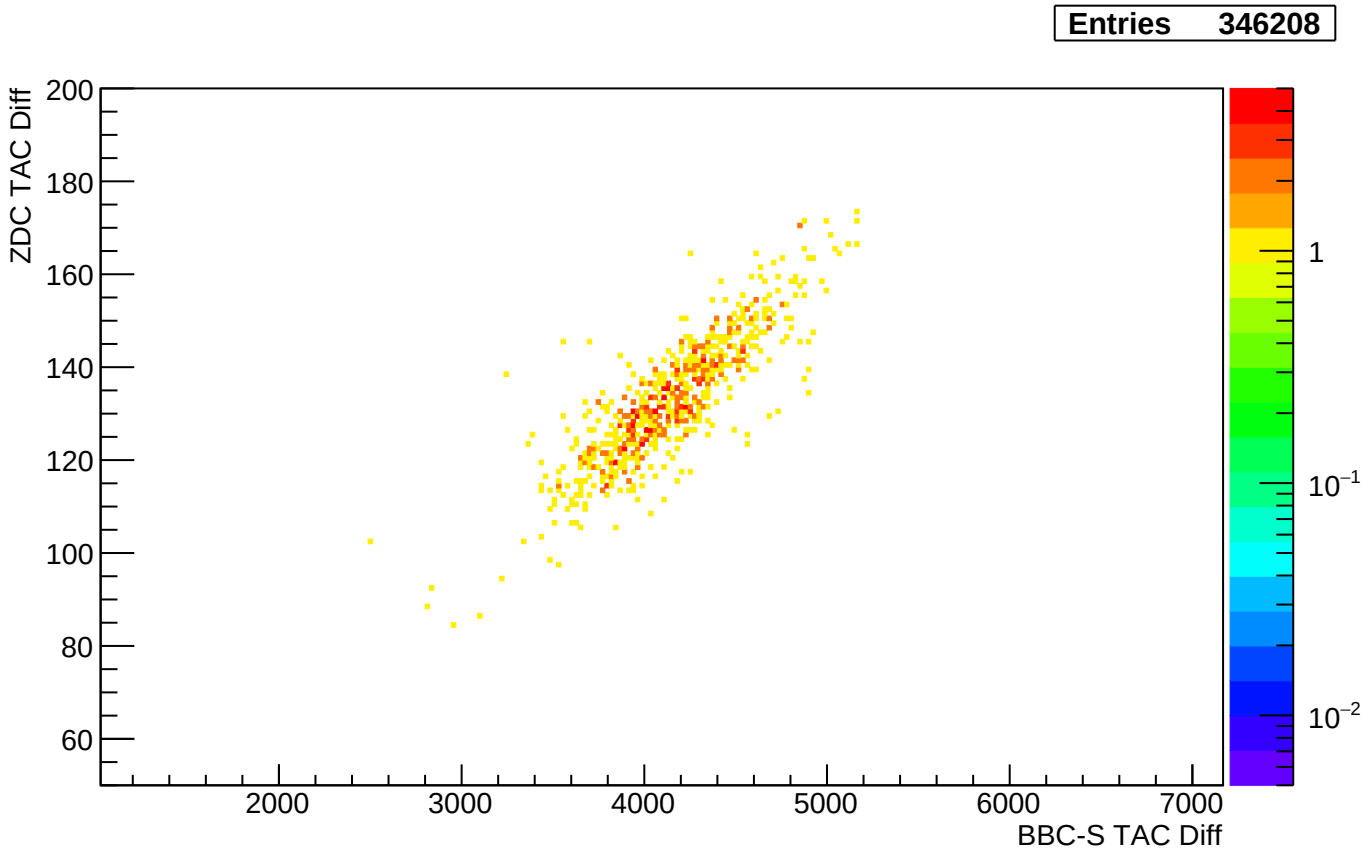

Entries 346208
TOF-Mult
EPD-West Hit Cnt

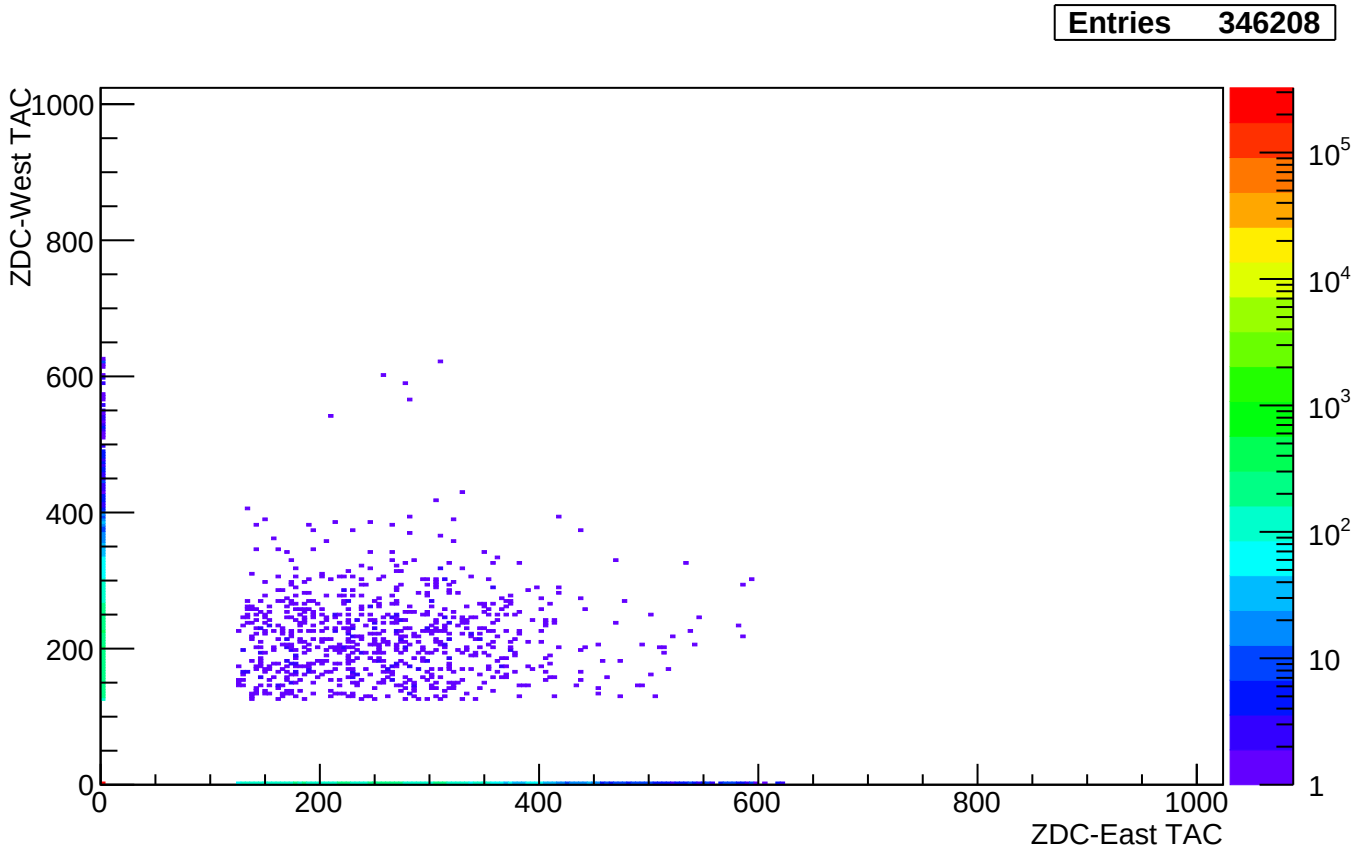

Entries 346208
TOF-Mult
VPD-East ADC Sum

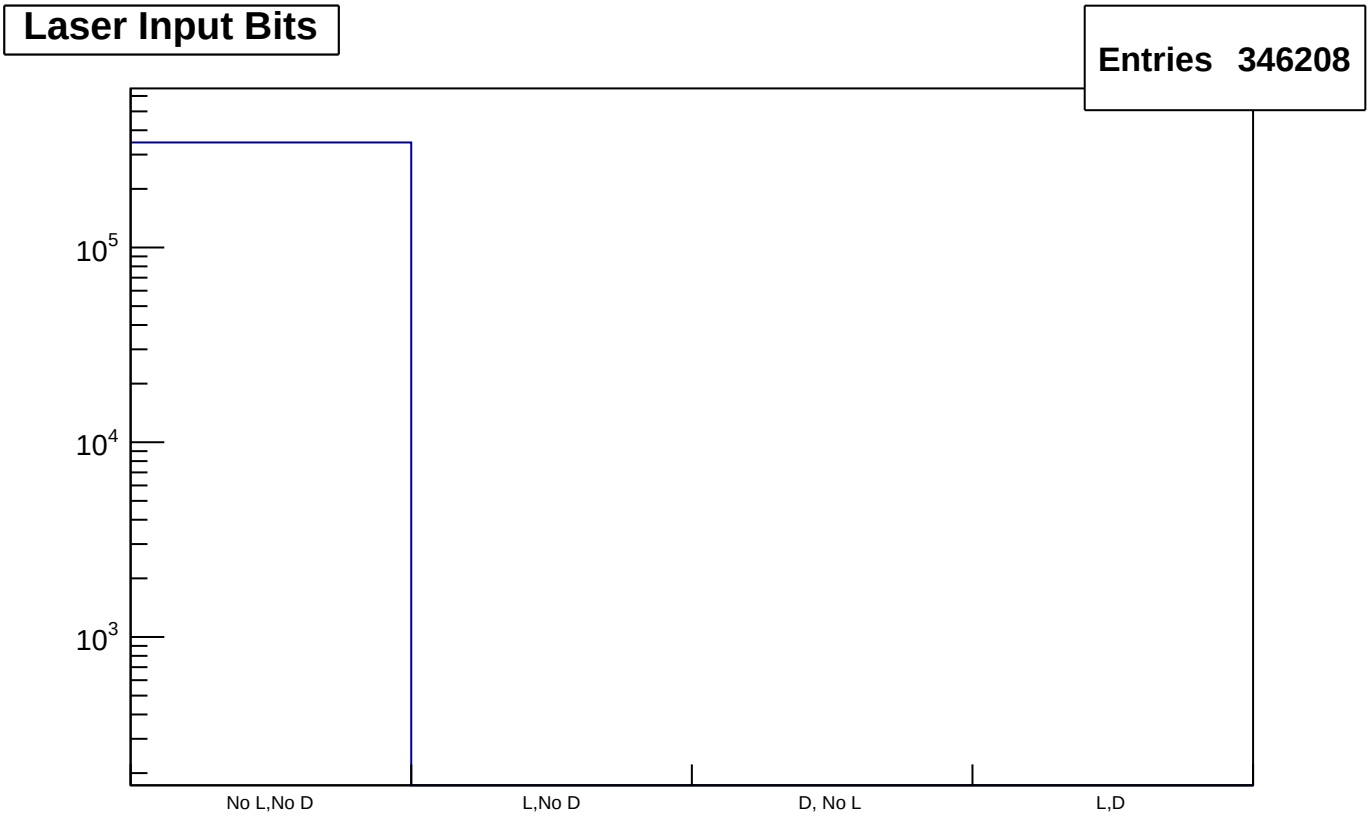

Entries 346208
TOF-Mult
VPD-West ADC Sum

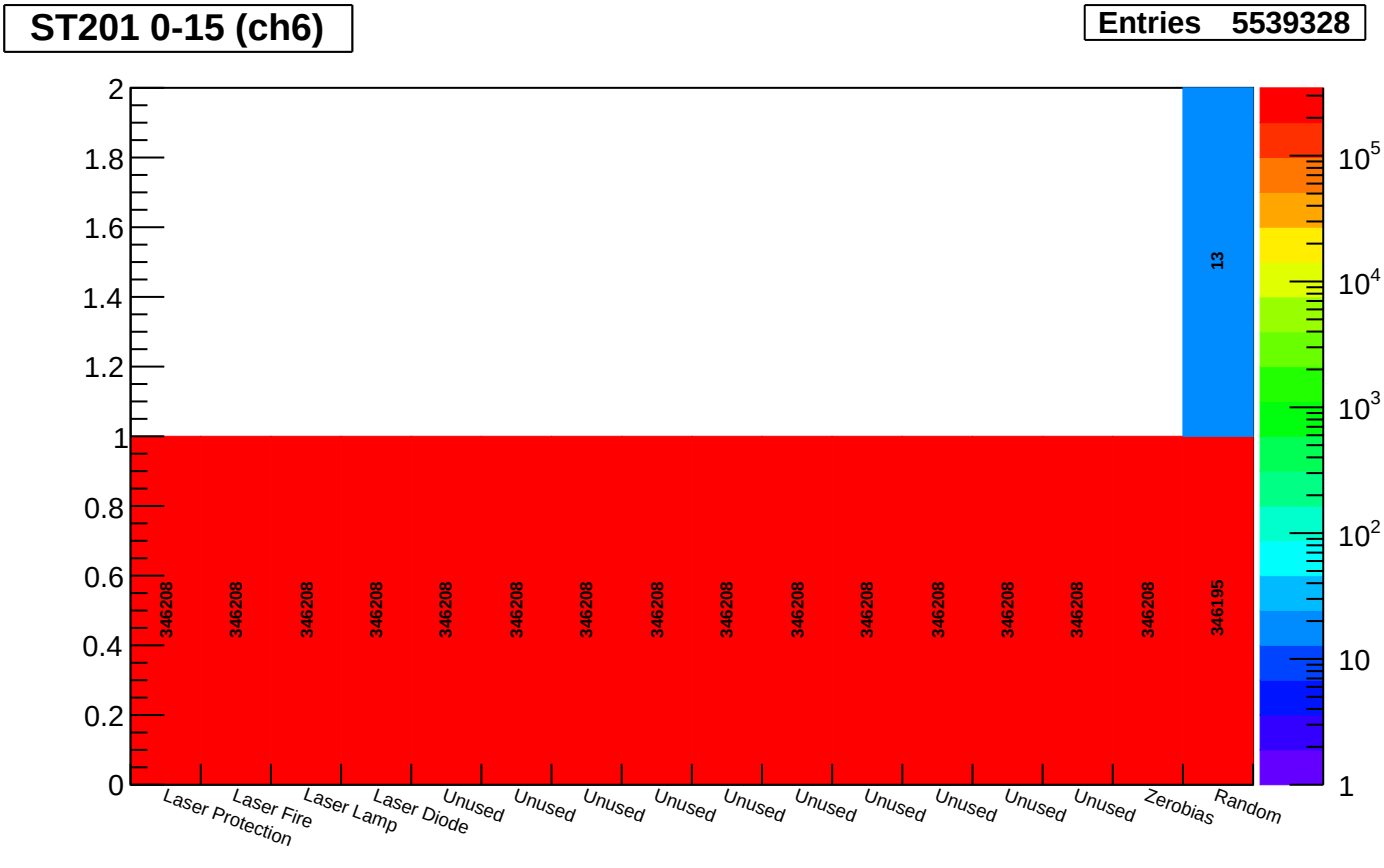

Entries 346208
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

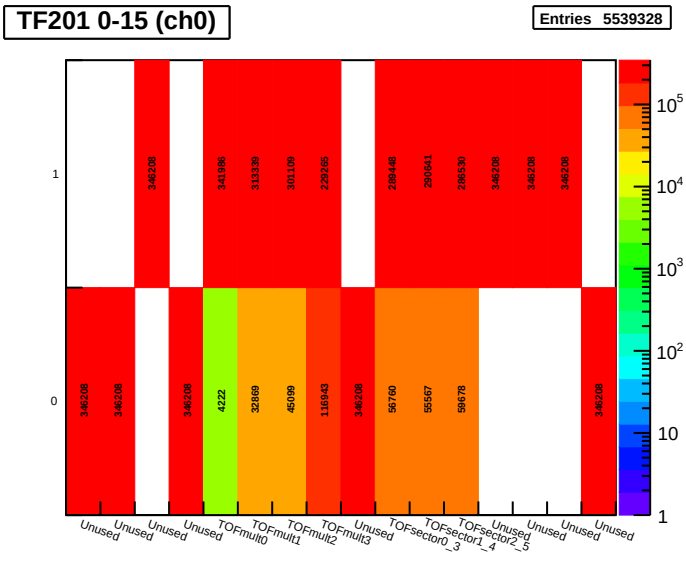

Entries 346208
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

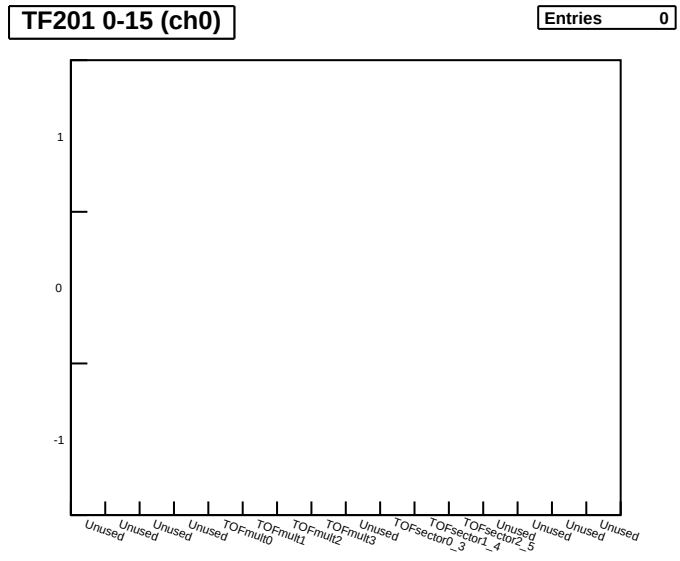

Entries 346208
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

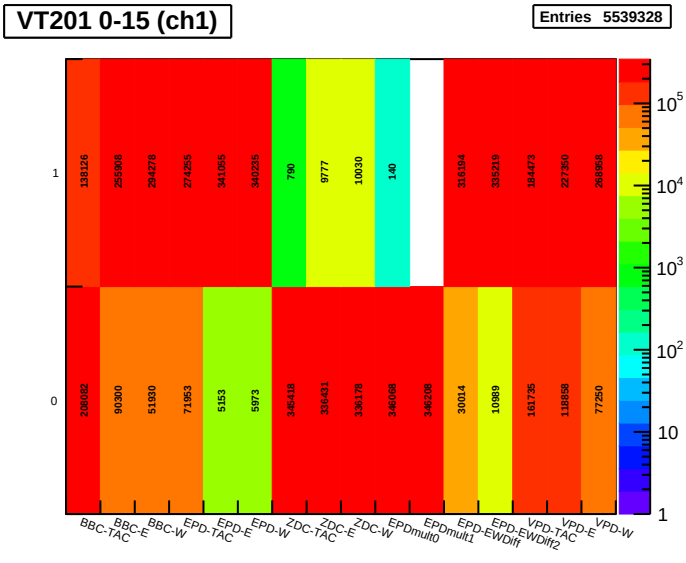

Entries 346208
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

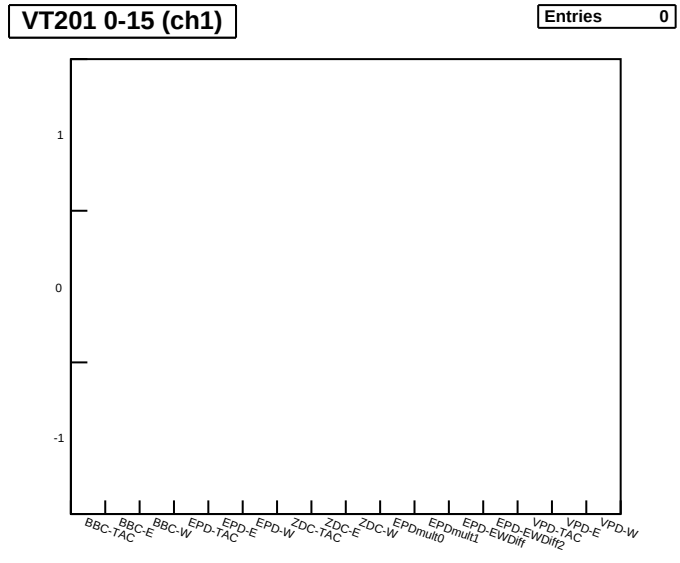

Laser Input Bits
Entries 346208
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

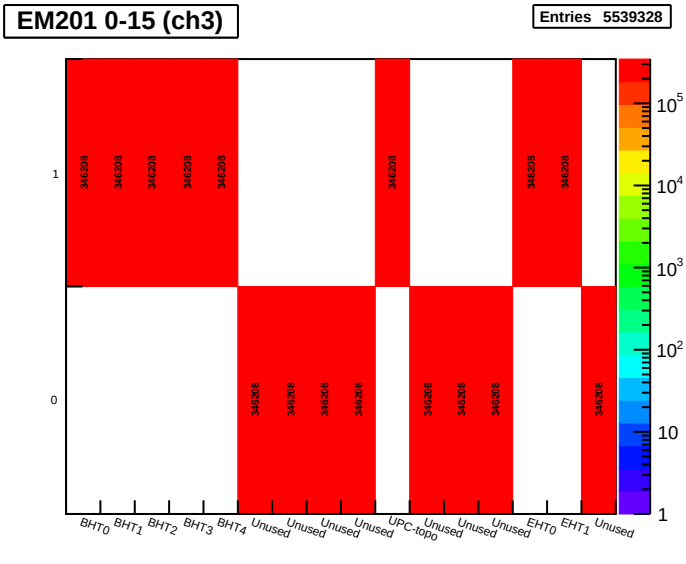

ST201 0-15 (ch6)
Entries 5539328
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
346208
346208
346208
346208
346208
346208
346208
346208
346208
346208
346208
346208
346208
346208
346208
346195
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

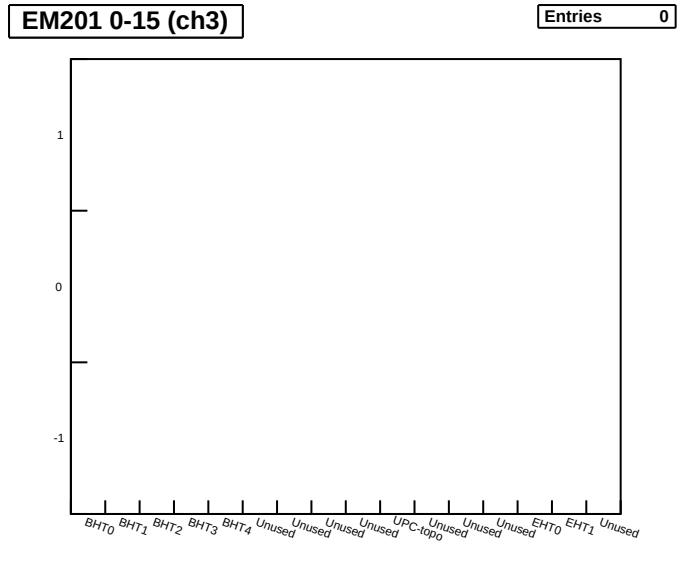

TF201 0-15 (ch0)
Entries 5539328
1
0
346208 346208 346208 341986 313339 301109 229265 289948 290641 286530 346208 346208 346208
346208 346208 346208 4222 32869 45099 116943 346208 56760 55567 59678 346208
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 5539328
1
0
138126 255908 294278 274255 341055 340235 790 9777 10030 140 316194 335219 184473 227350 268958
208082 90300 51930 71953 5153 5973 345418 336431 336178 346068 346208 30014 10989 161735 118858 77250
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 5539328
1
0
346208 346208 346208 346208 346208 346208 346208 346208
346208 346208 346208 346208 346208 346208 346208 346208
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