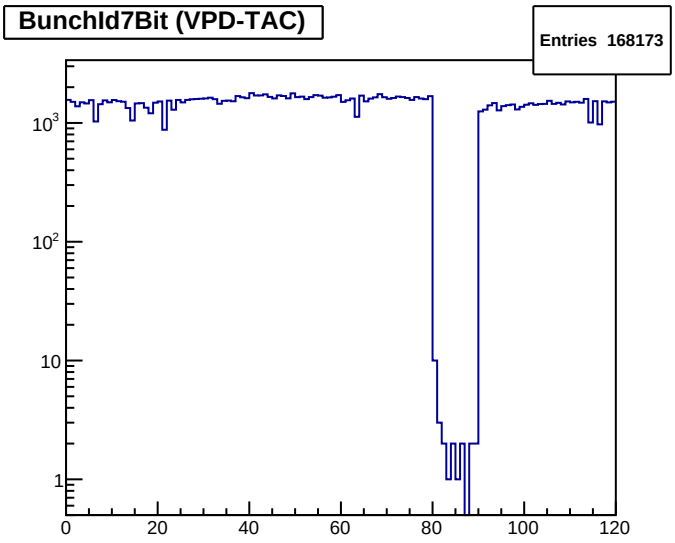
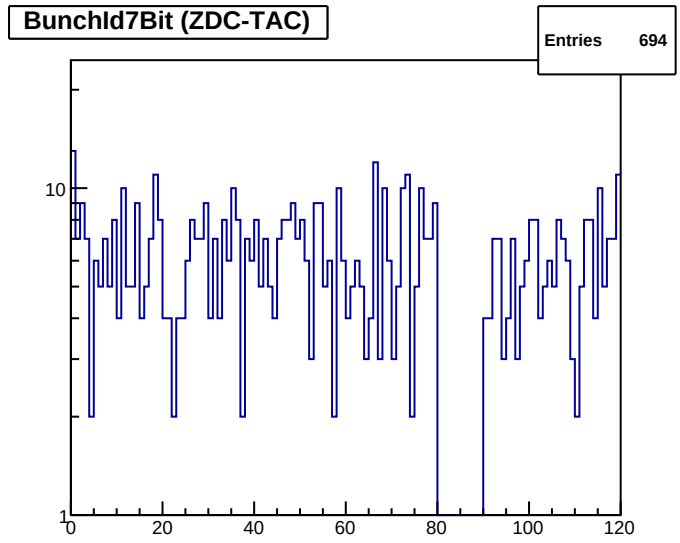
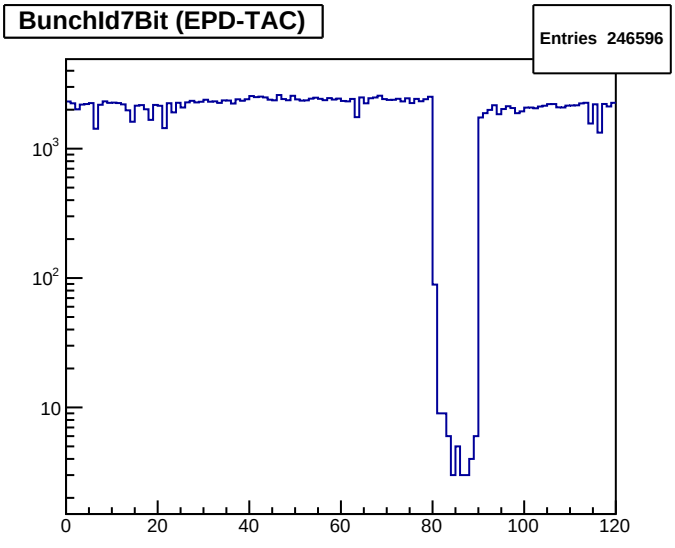
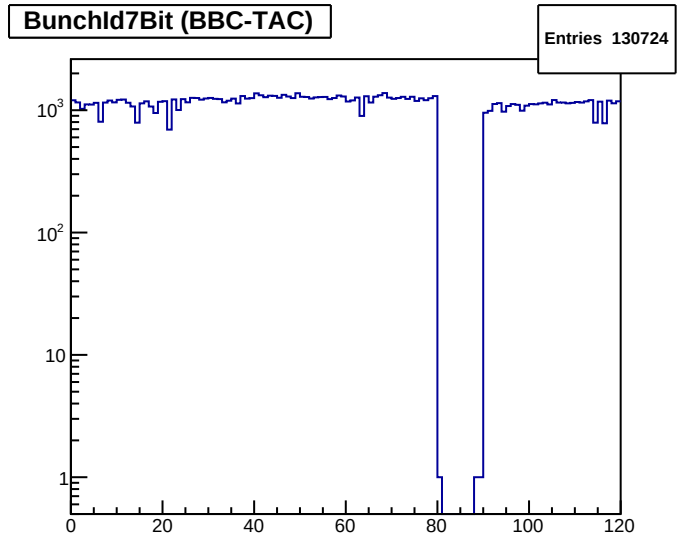
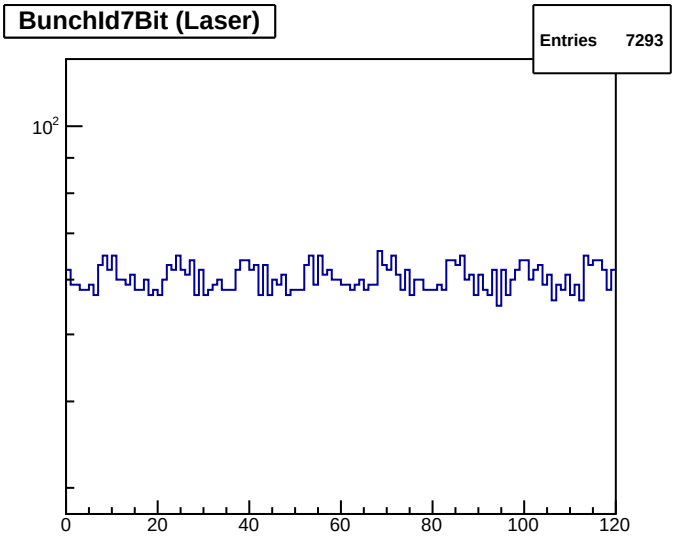
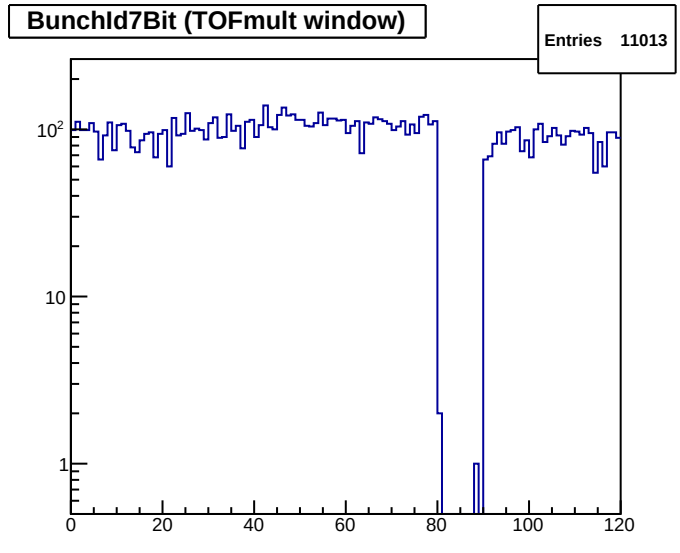

BunchId7Bit (VPD-TAC)
Entries 168173

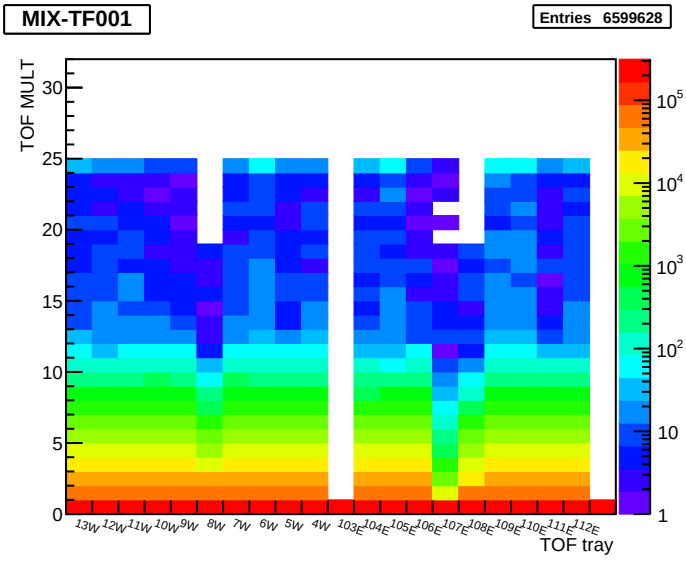

BunchId7Bit (ZDC-TAC)
Entries 694

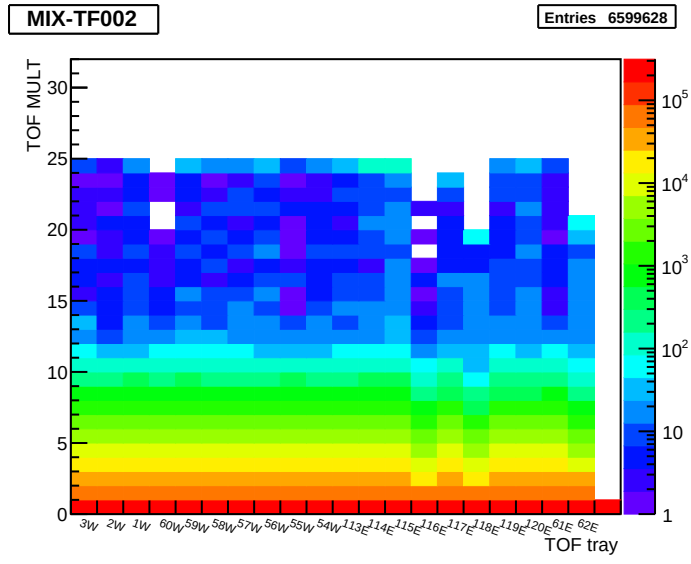

BunchId7Bit (EPD-TAC)
Entries 246596

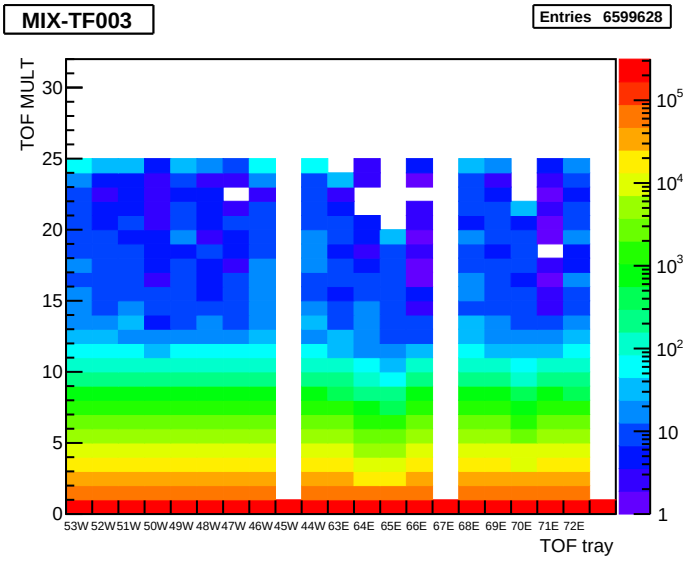

BunchId7Bit (BBC-TAC)
Entries 130724

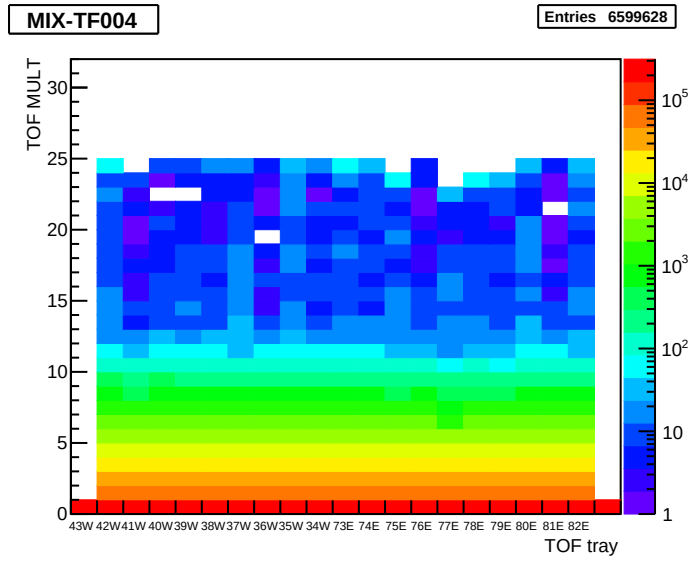

BunchId7Bit (Laser)
Entries 7293

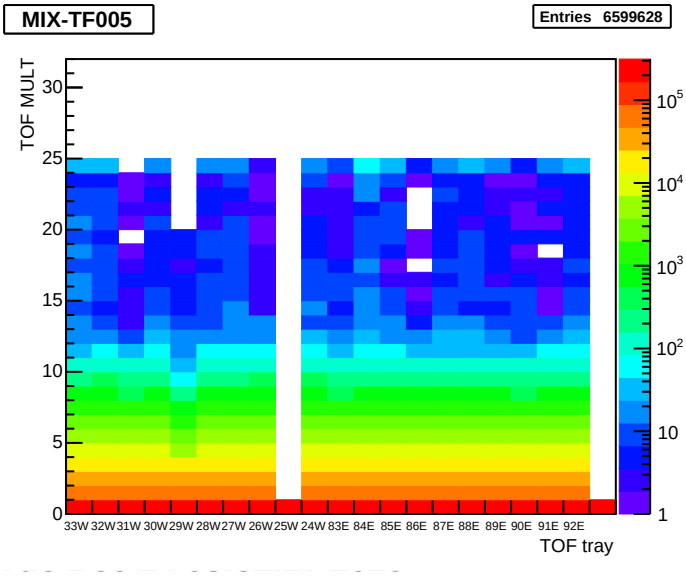

BunchId7Bit (TOFmult window)
Entries 11013

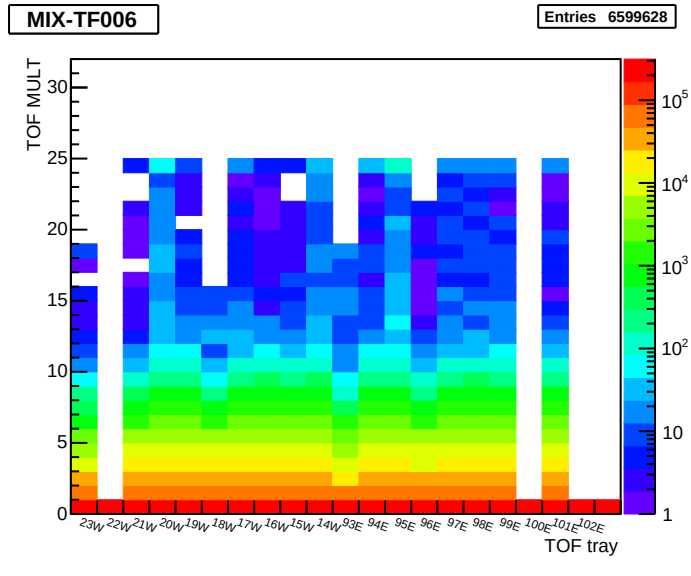

MIX-TF001
Entries 6599628
TOF MULT
TOF tray

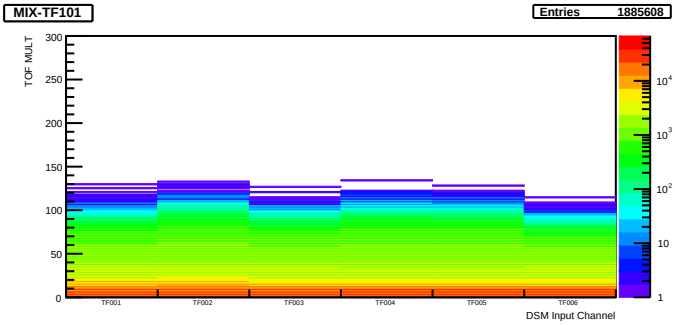

MIX-TF002
Entries 6599628
TOF MULT
TOF tray

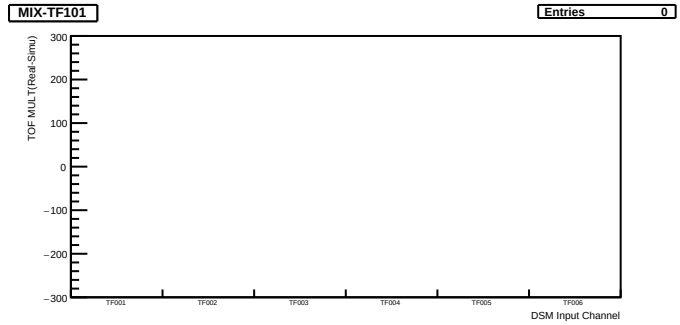

MIX-TF003
Entries 6599628
TOF MULT
TOF tray

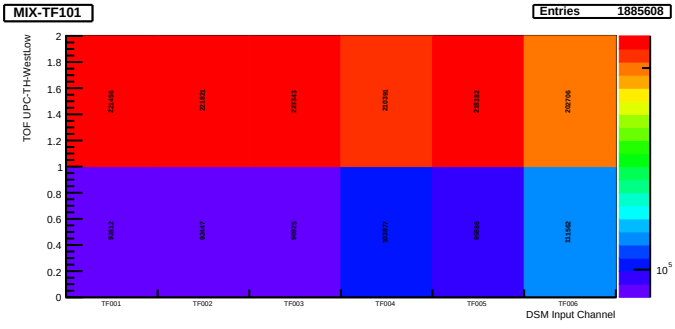

MIX-TF004
Entries 6599628
TOF MULT
TOF tray

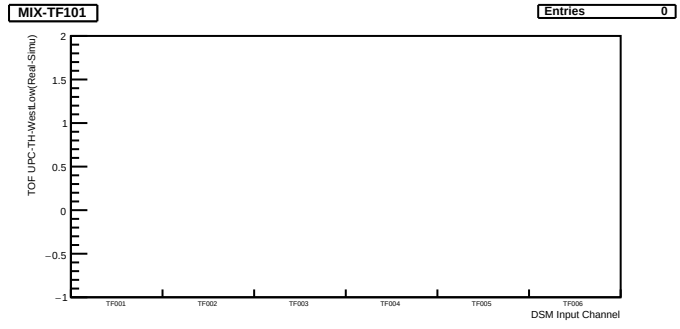

MIX-TF005
Entries 6599628
TOF MULT
TOF tray

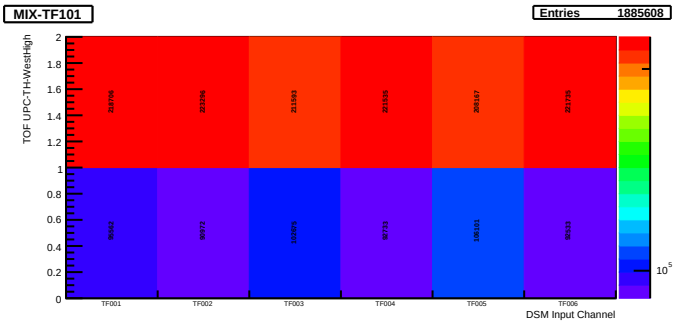

MIX-TF006
Entries 6599628
TOF MULT
TOF tray

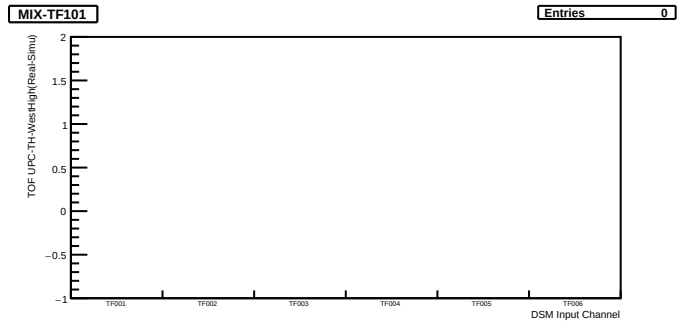

MIX-TF101
Entries 1885608
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

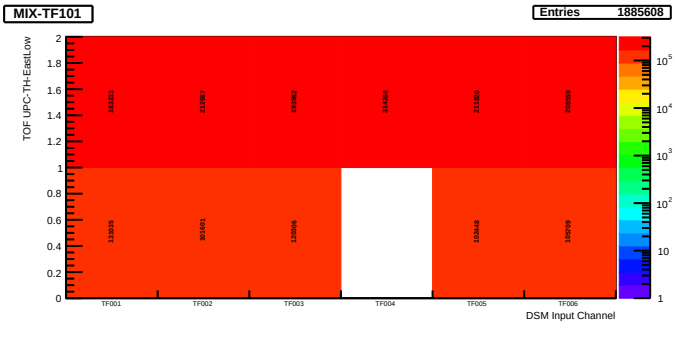

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

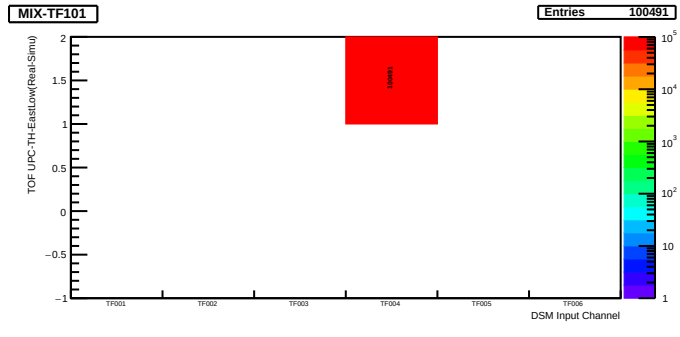

MIX-TF101
Entries 1885608
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

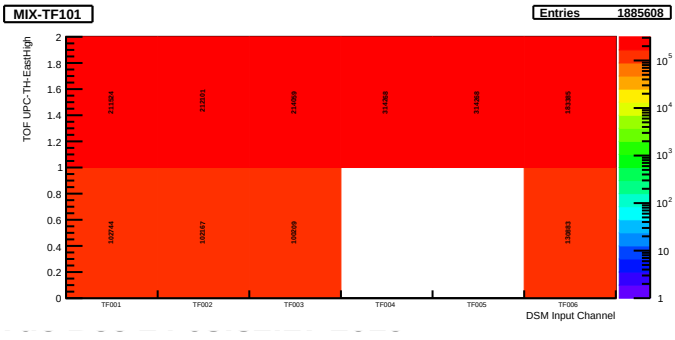

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

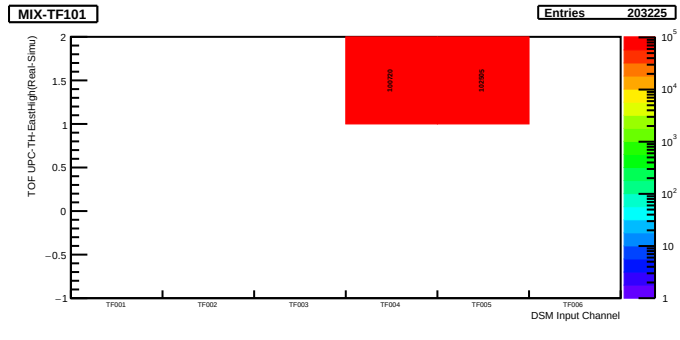

MIX-TF101
Entries 1885608
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

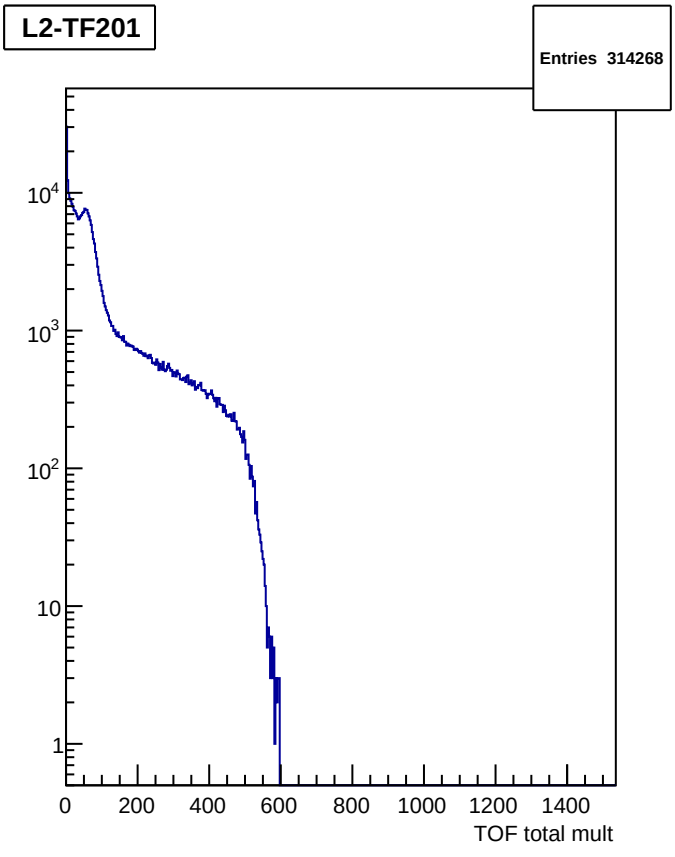

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

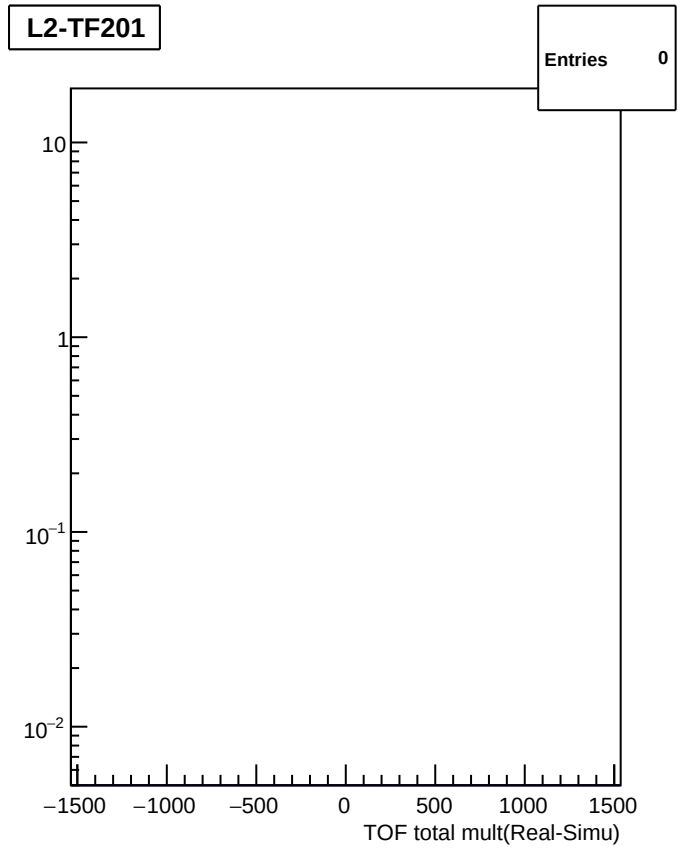

MIX-TF101
Entries 1885608
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

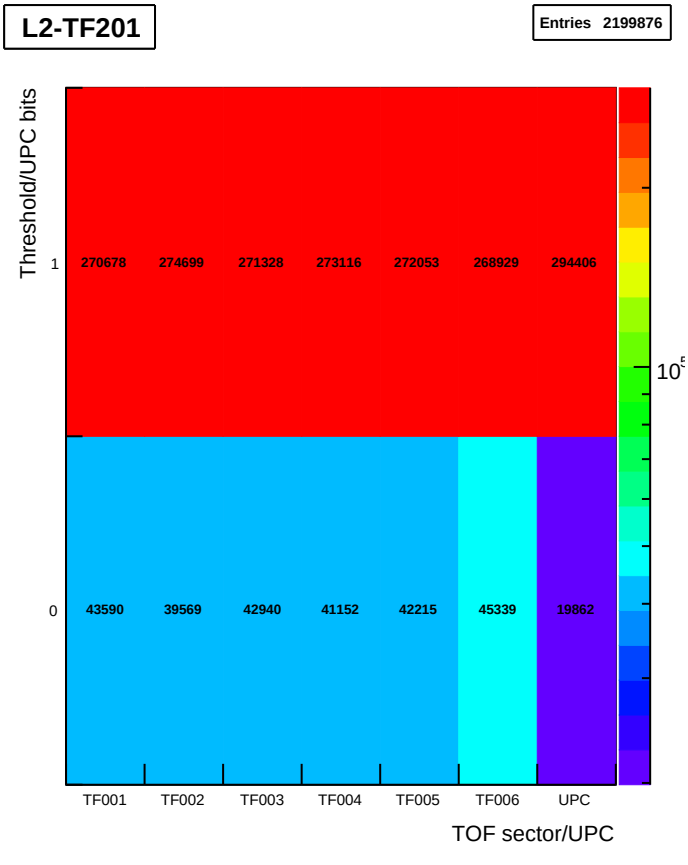

MIX-TF101
Entries 100491
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

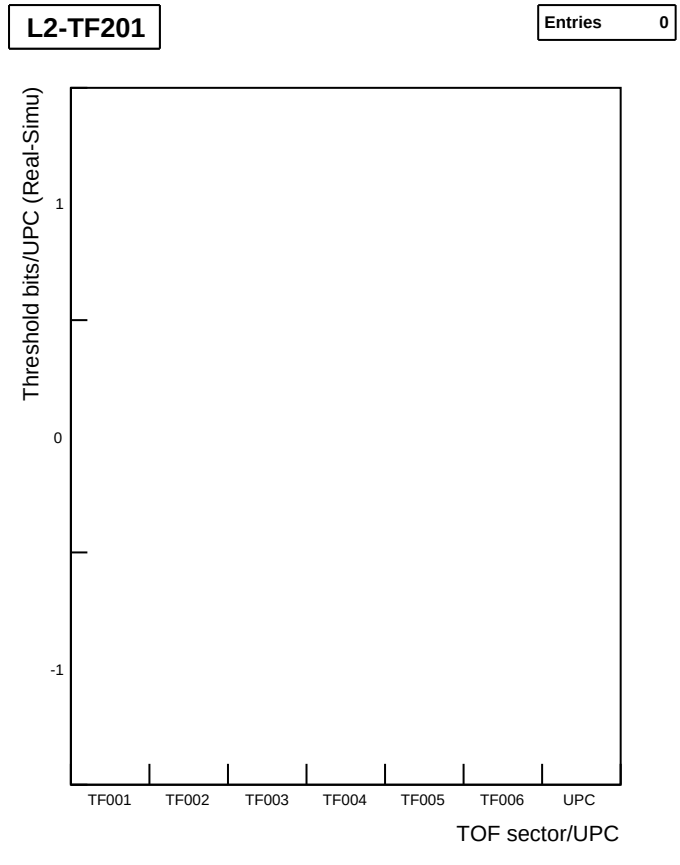

MIX-TF101
Entries 1885608
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

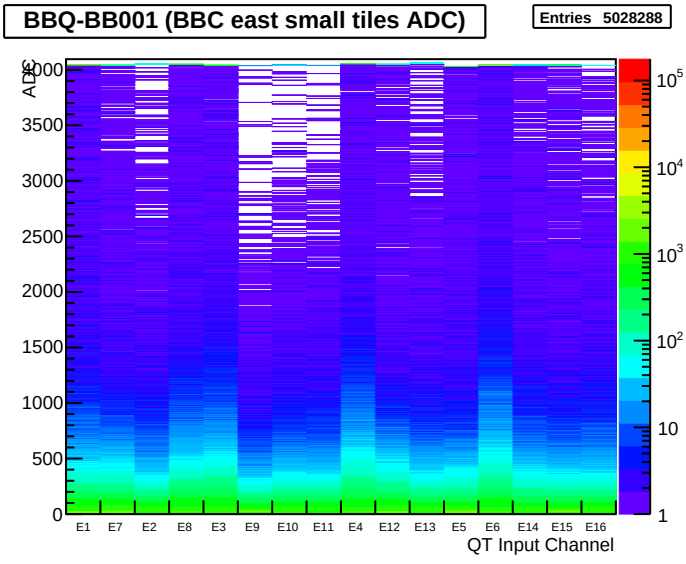

MIX-TF101
Entries 203225
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

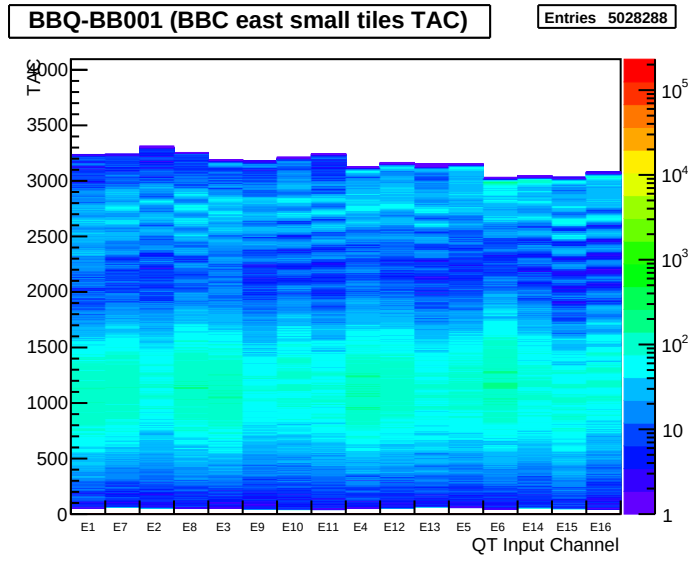

L2-TF201
Entries 314268
TOF total mult

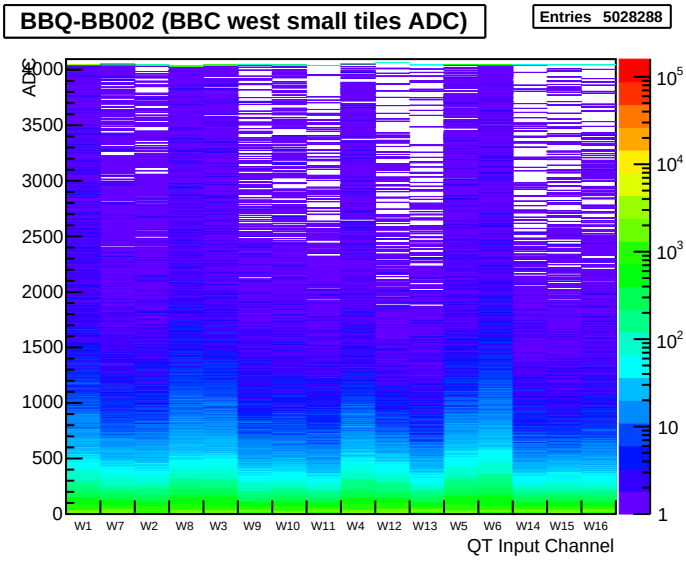

L2-TF201
Entries 0
TOF total mult(Real-Simu)

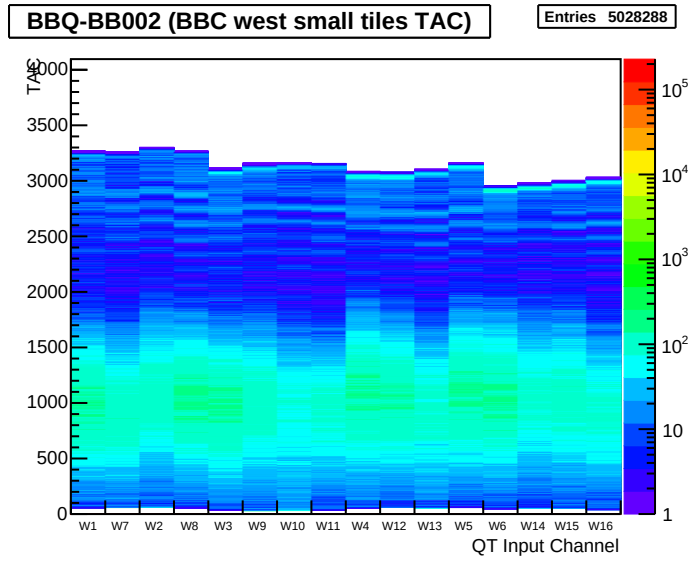

L2-TF201
Entries 2199876
Threshold/UPC bits
270678
274699
271328
273116
272053
268929
294406
43590
39569
42940
41152
42215
45339
19862
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

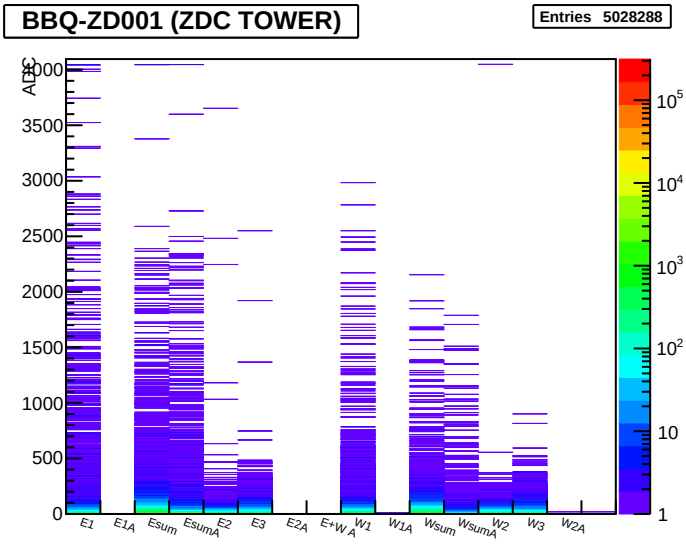

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

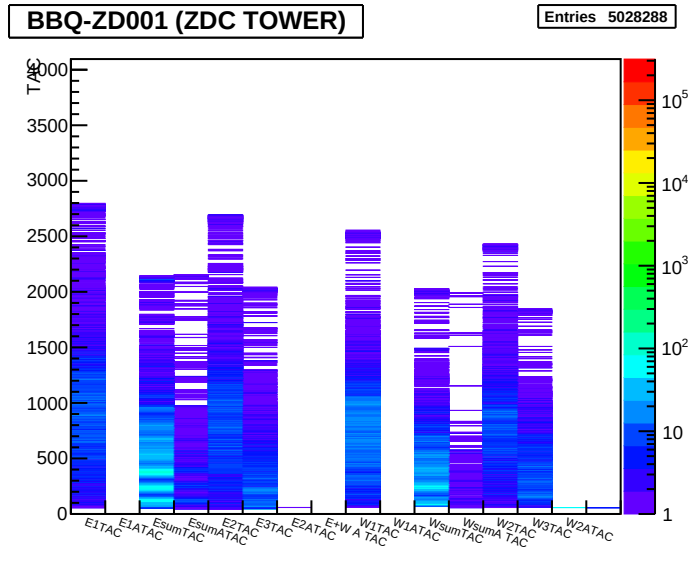

BBQ-BB001 (BBC east small tiles ADC)
Entries 5028288
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

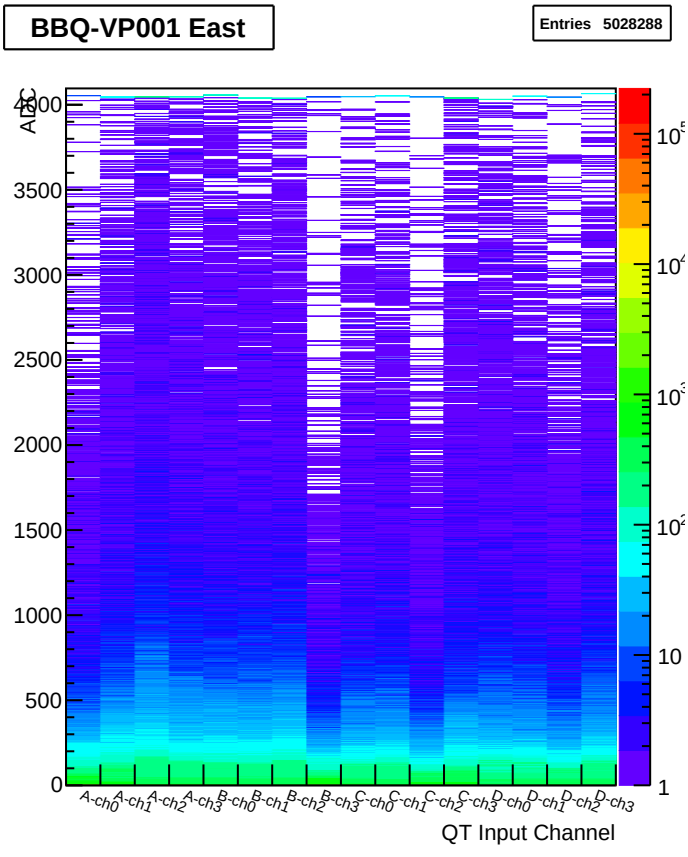

BBQ-BB001 (BBC east small tiles TAC)
Entries 5028288
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

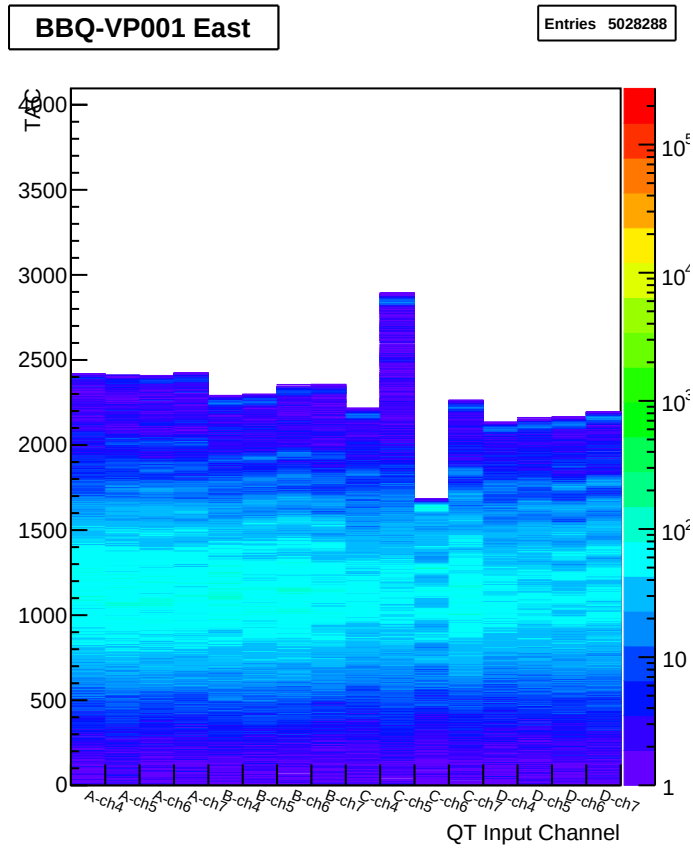

BBQ-BB002 (BBC west small tiles ADC)
Entries 5028288
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

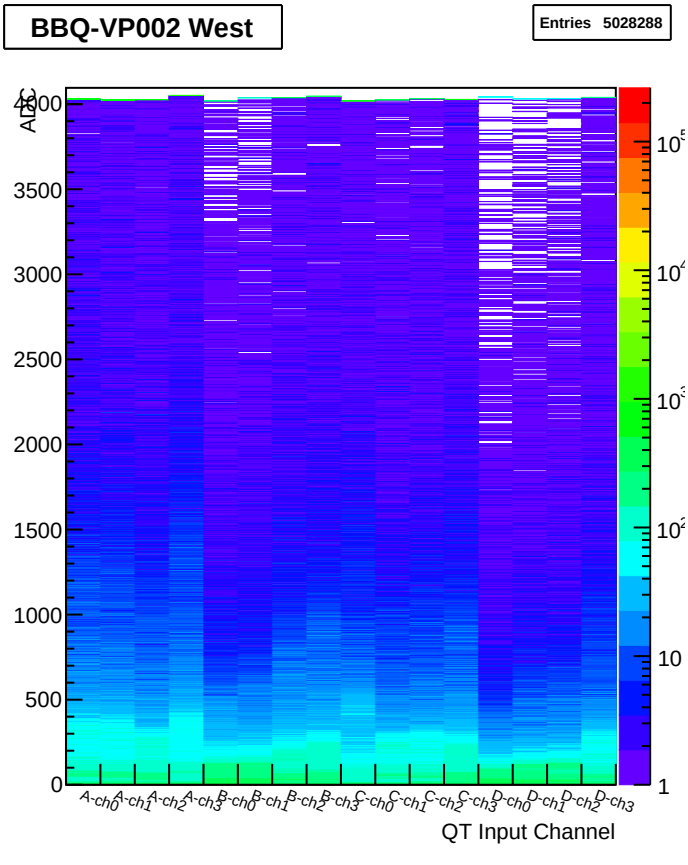

BBQ-BB002 (BBC west small tiles TAC)
Entries 5028288
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

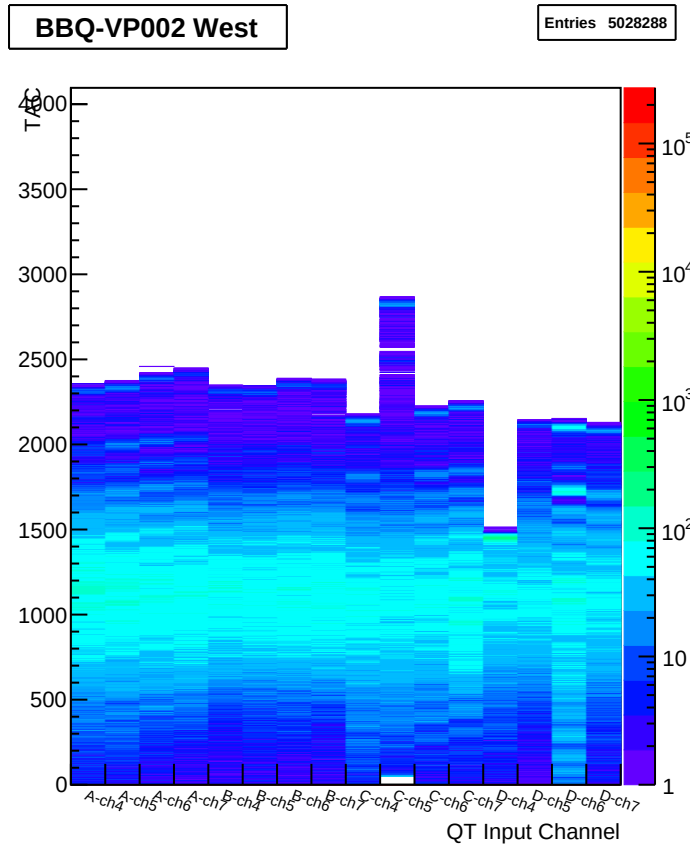

BBQ-ZD001 (ZDC TOWER)
Entries 5028288
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

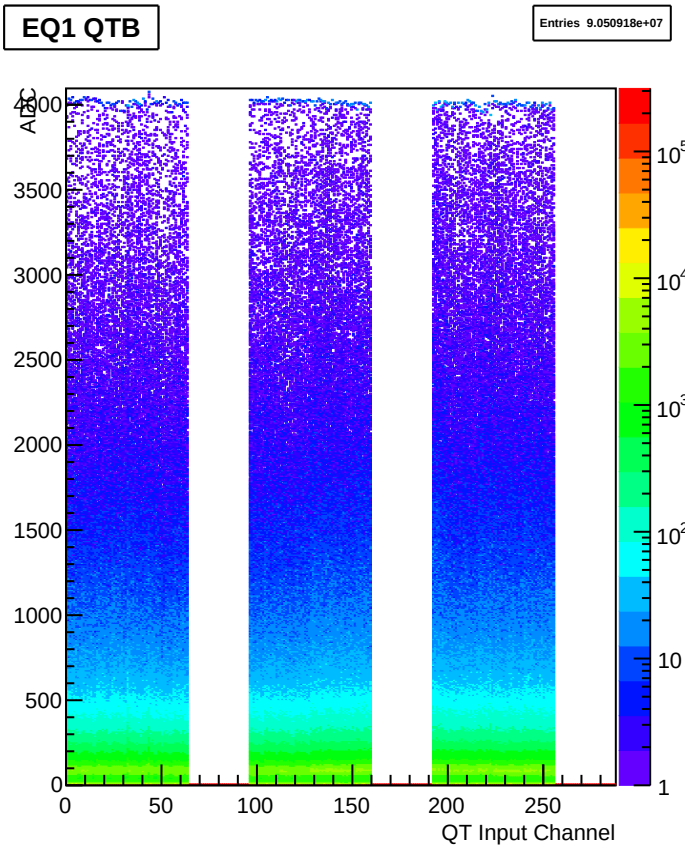

BBQ-ZD001 (ZDC TOWER)
Entries 5028288
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

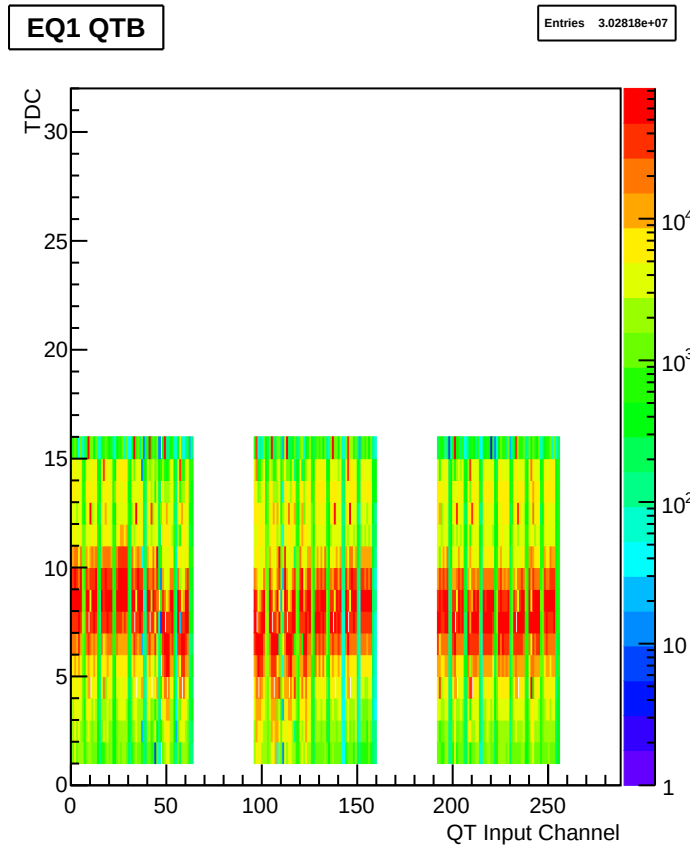

BBQ-VP001 East
Entries 5028288
ADC
QT Input Channel

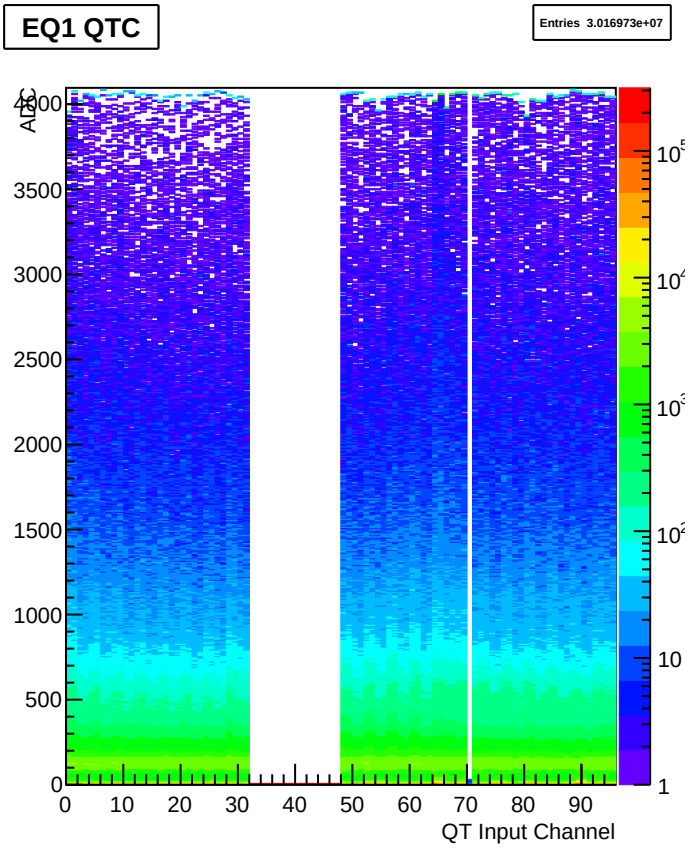

BBQ-VP001 East
Entries 5028288
TADC
QT Input Channel

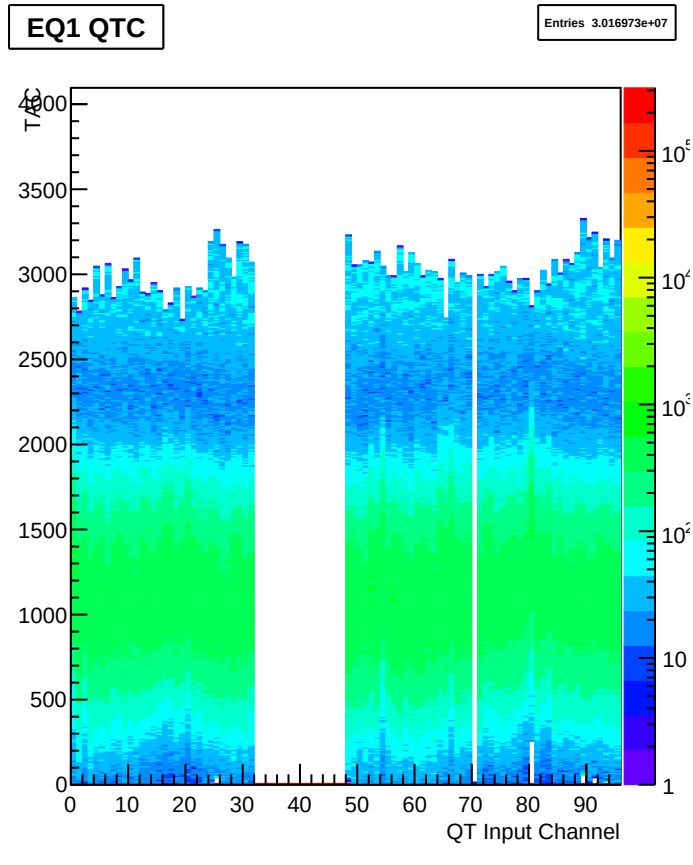

BBQ-VP002 West
Entries 5028288
ADC
QT Input Channel

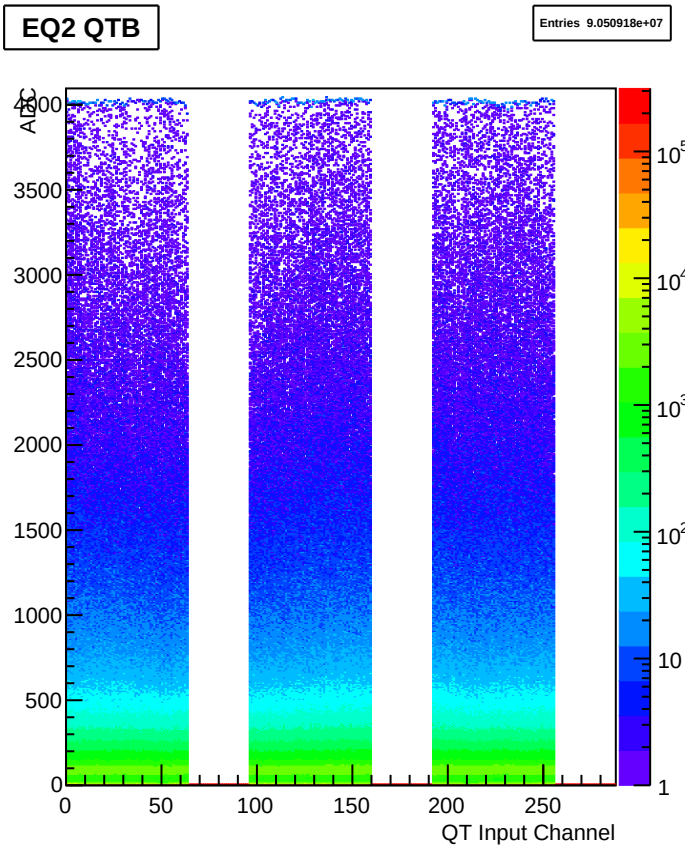

BBQ-VP002 West
Entries 5028288
TADC
QT Input Channel

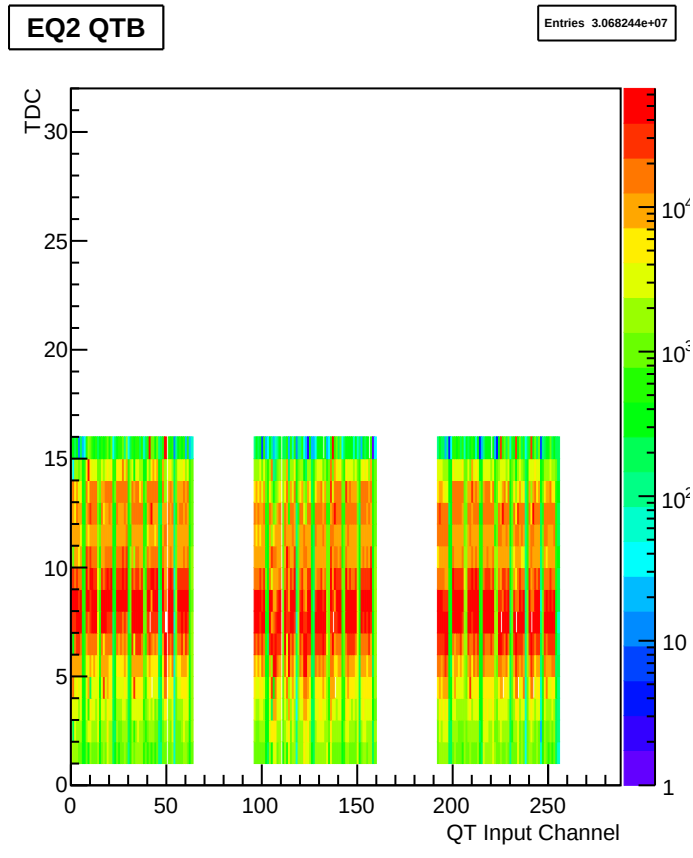

EQ1 QTB
Entries 9.050918e+07
ADC
QT Input Channel

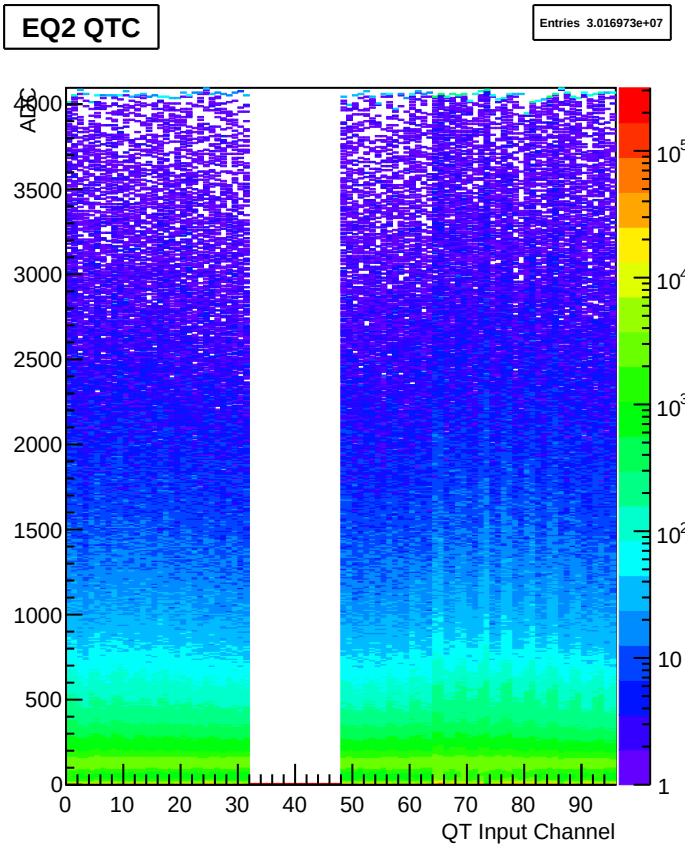

EQ1 QTB
Entries 3.02818e+07
TDC
QT Input Channel

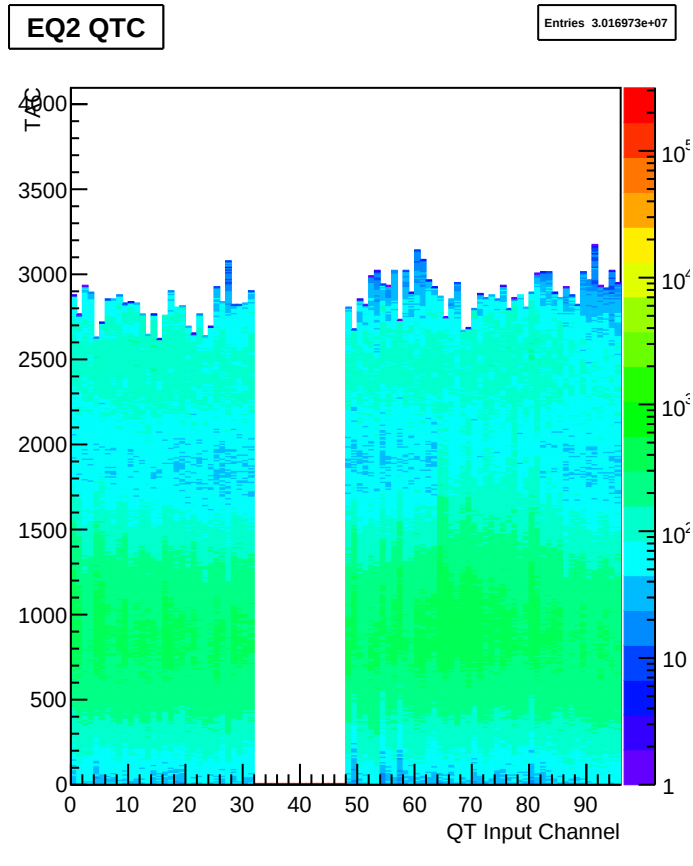

EQ1 QTC
Entries 3.016973e+07
ADC
QT Input Channel

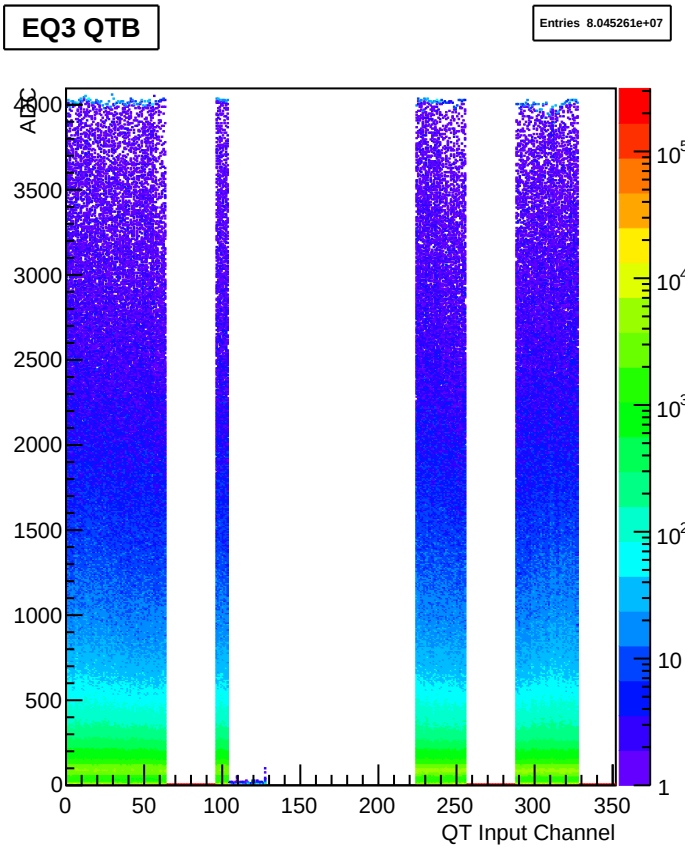

EQ1 QTC
Entries 3.016973e+07
TADC
QT Input Channel

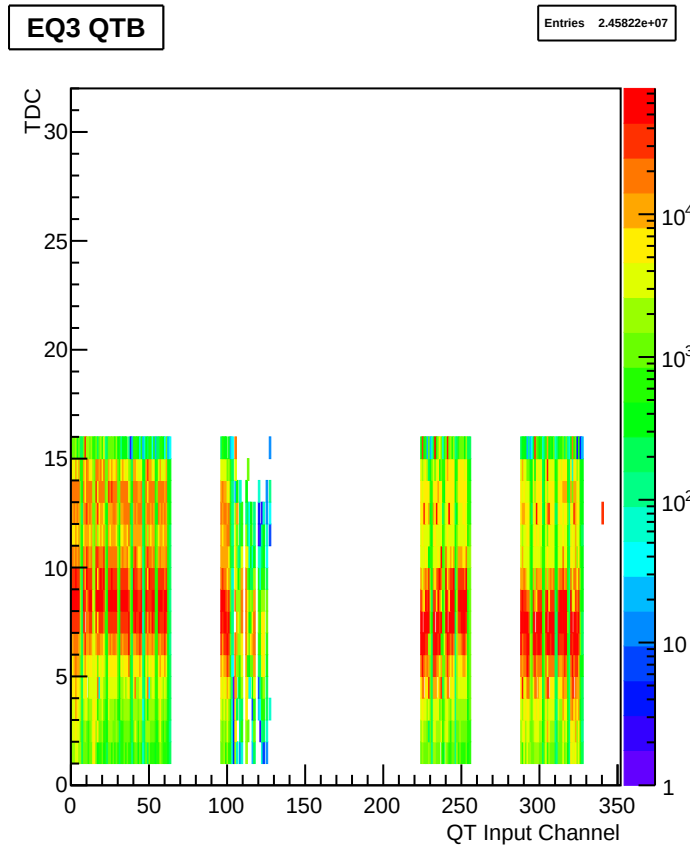

EQ2 QTB
Entries 9.050918e+07
ADC
QT Input Channel

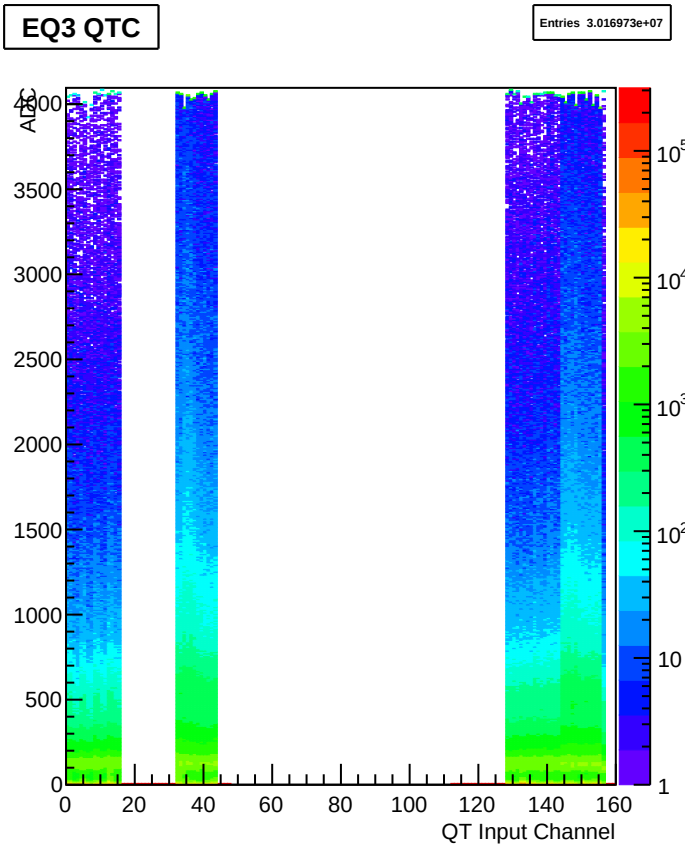

EQ2 QTB
Entries 3.068244e+07
TDC
QT Input Channel

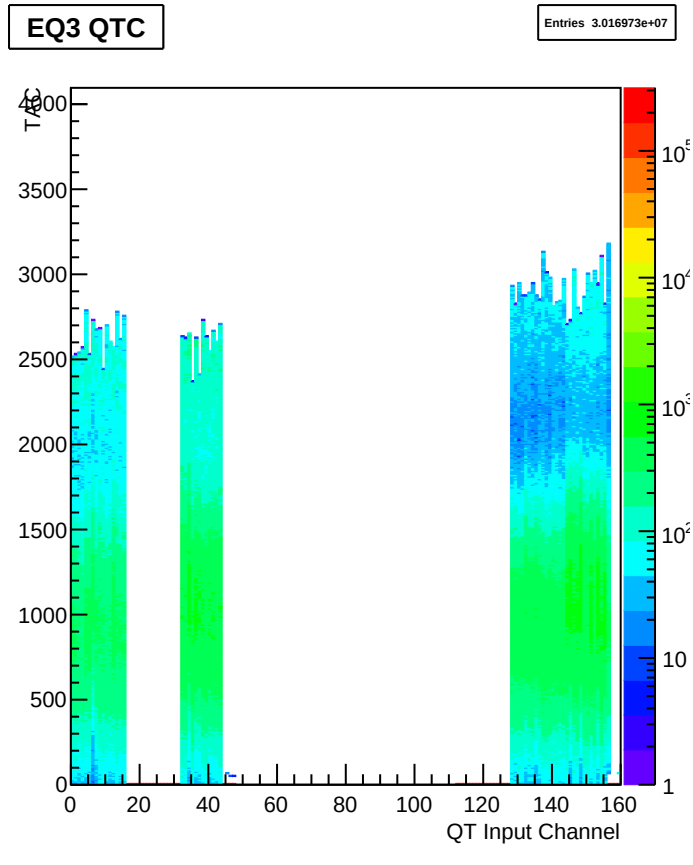

EQ2 QTC
Entries 3.016973e+07
ADC
QT Input Channel

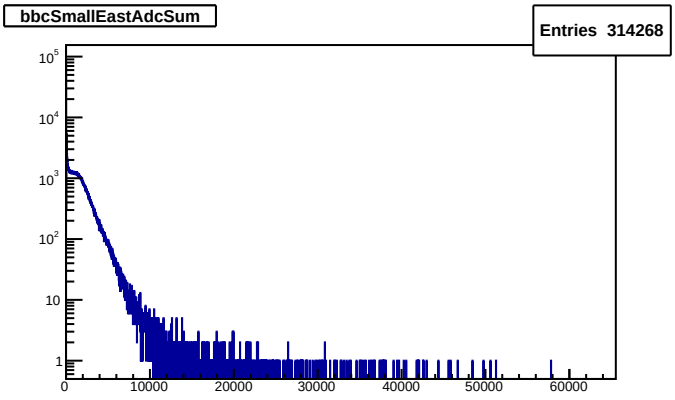

EQ2 QTC
Entries 3.016973e+07
TADC
QT Input Channel

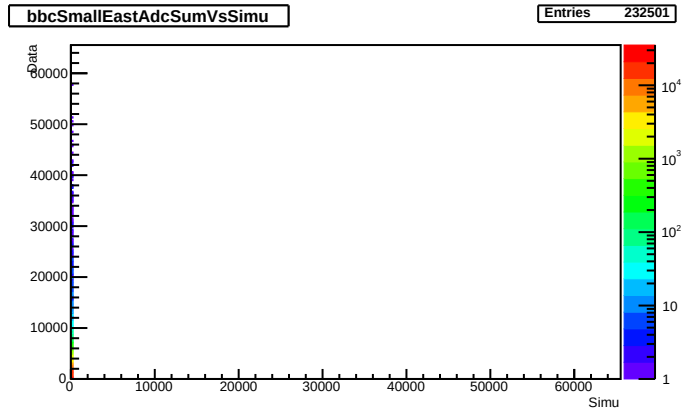

EQ3 QTB
Entries 8.045261e+07
ADC
QT Input Channel

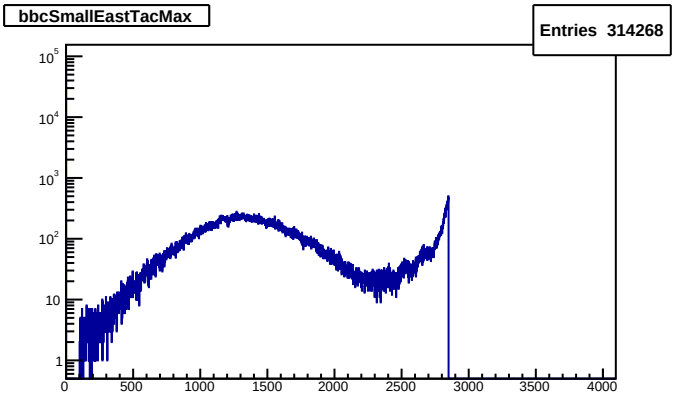

EQ3 QTB
Entries 2.45822e+07
TDC
QT Input Channel

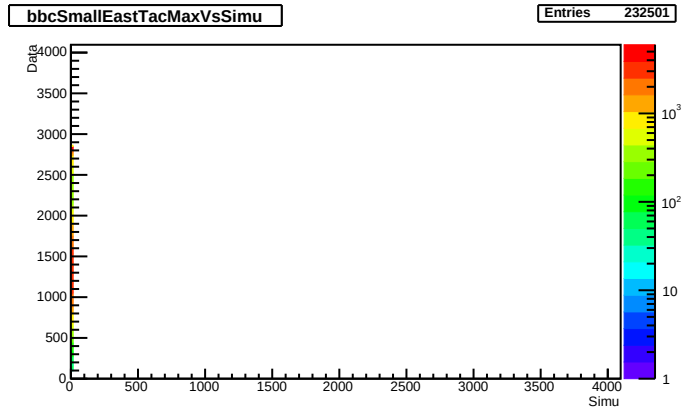

EQ3 QTC
Entries 3.016973e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.016973e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 314268


bbcSmallEastAdcSumVsSimu
Entries 232501
Data
Simu


bbcSmallEastTacMax
Entries 314268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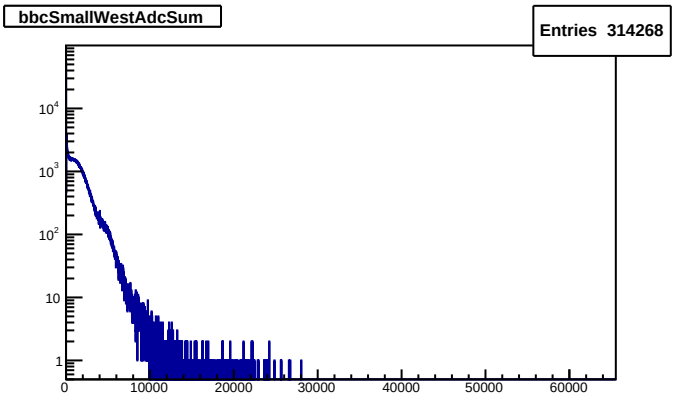
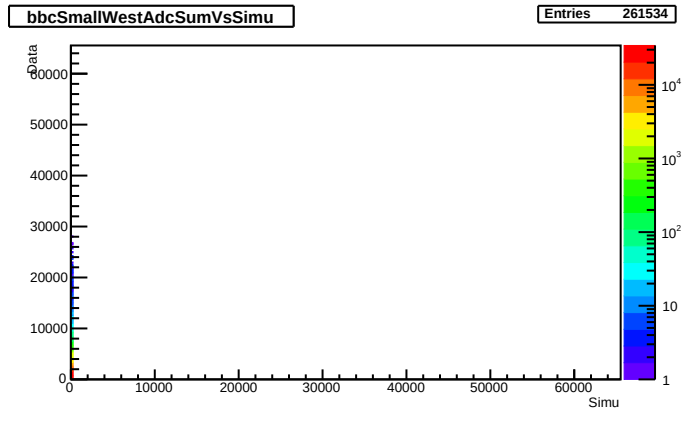
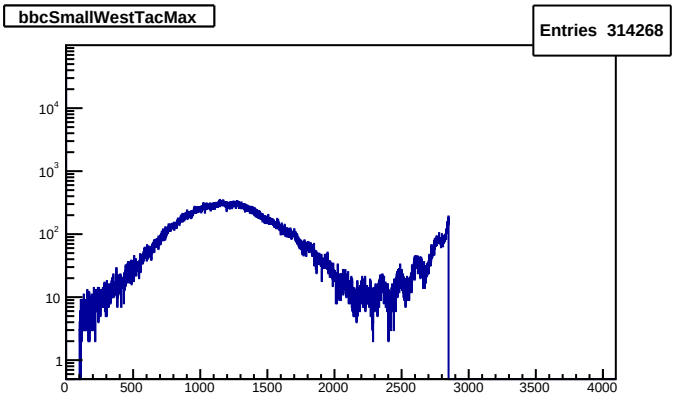
Entries 232501
Data
Simu


bbcSmallWestAdcSum
Entries 314268


bbcSmallWestAdcSumVsSimu
Entries 261534
Data
Simu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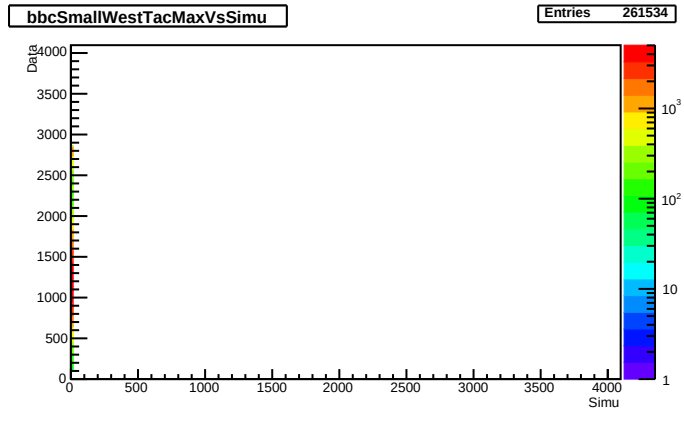
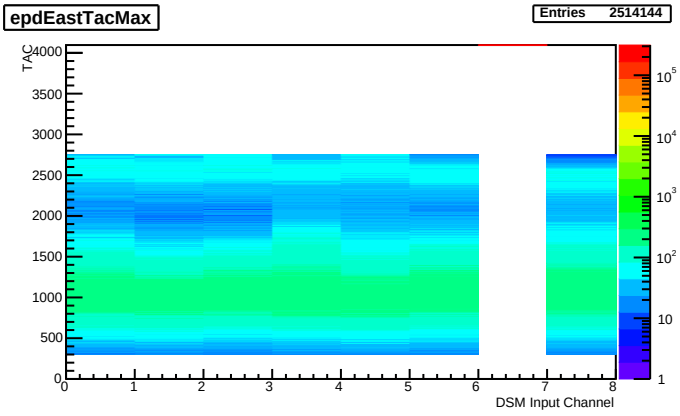
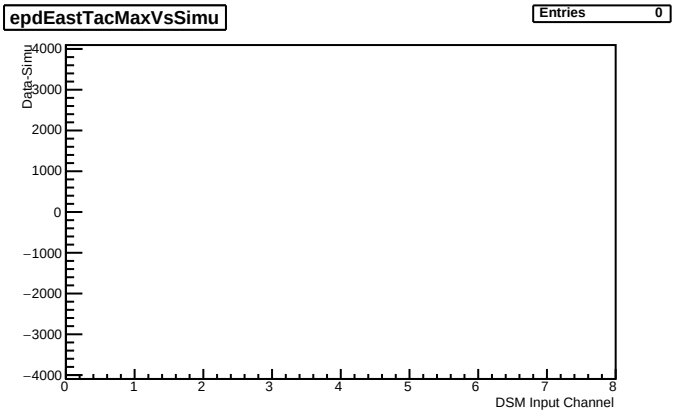
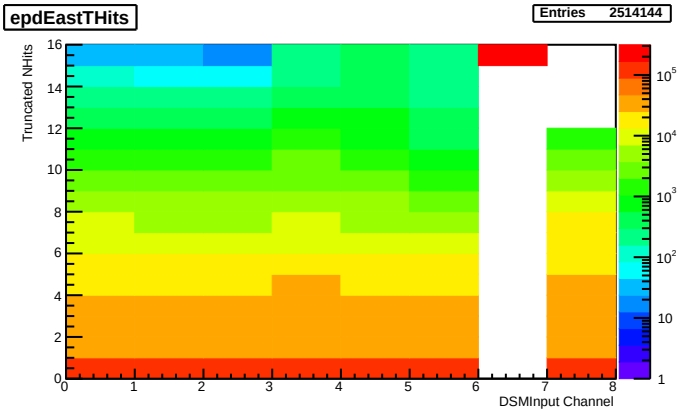
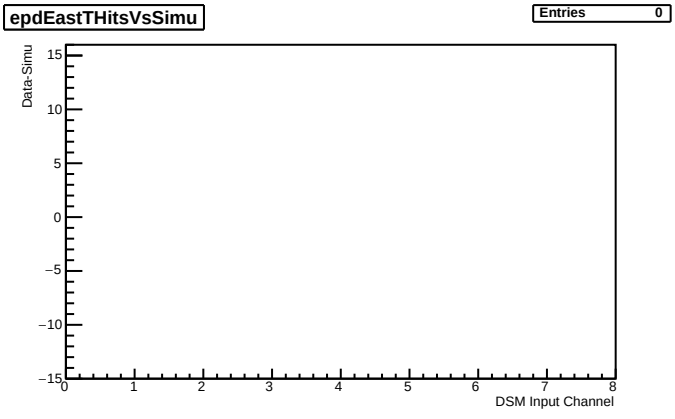
Entries 314268


bbcSmallWestTacMaxVsSimu
Entries 261534
Data
Simu


epdEastTacMax
Entries 2514144
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2514144
Truncated NHits
DSMInput Channel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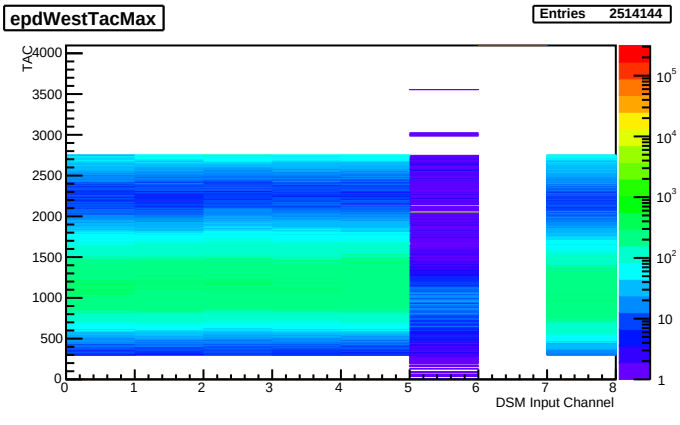
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
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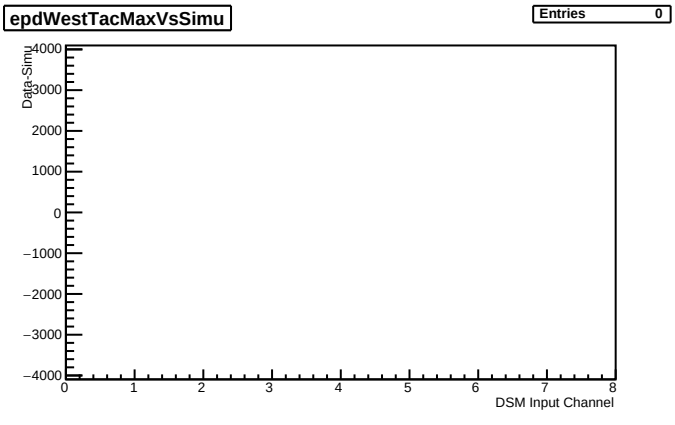
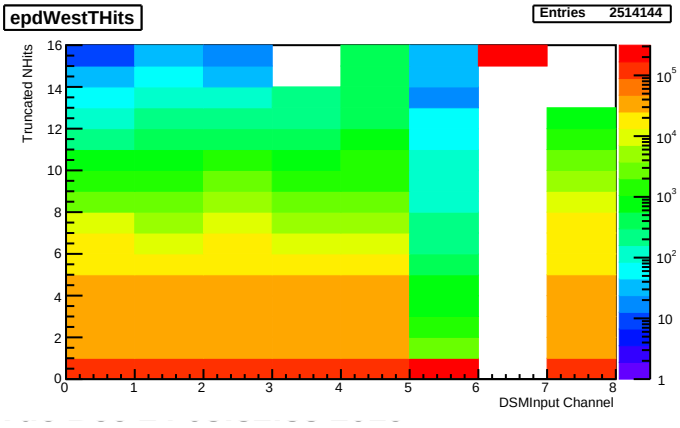
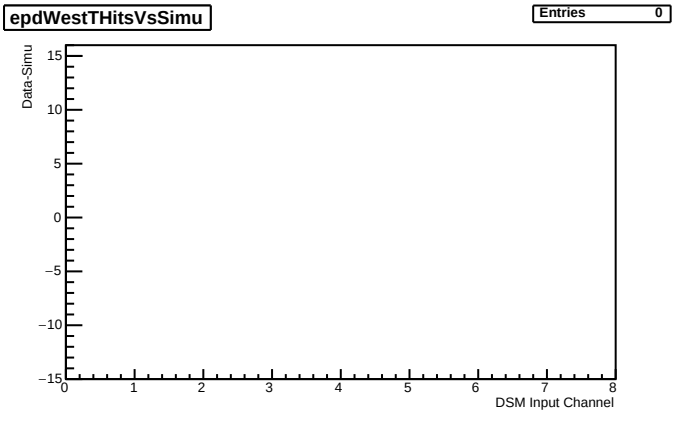
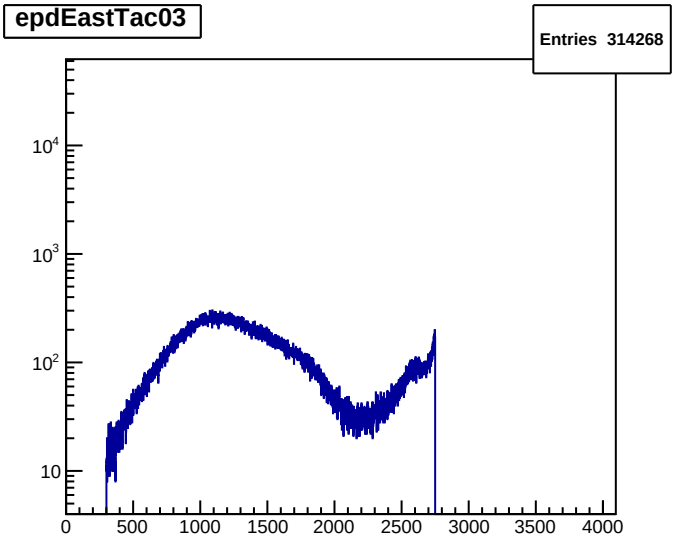
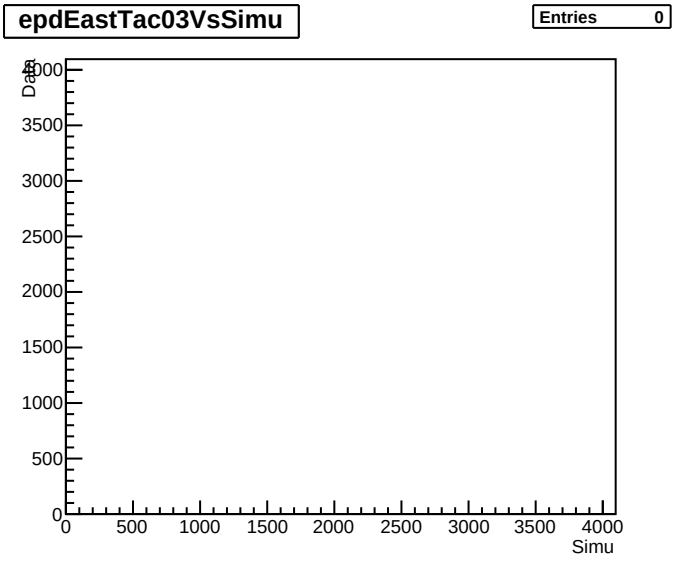
TAC
DSM Input Channel

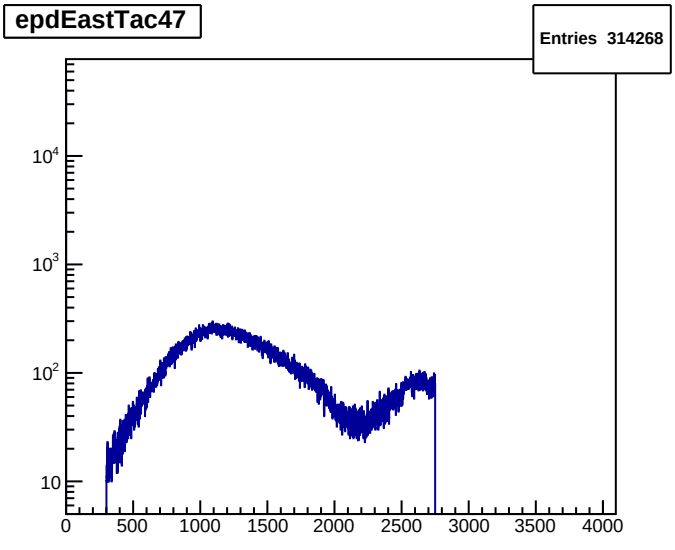

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

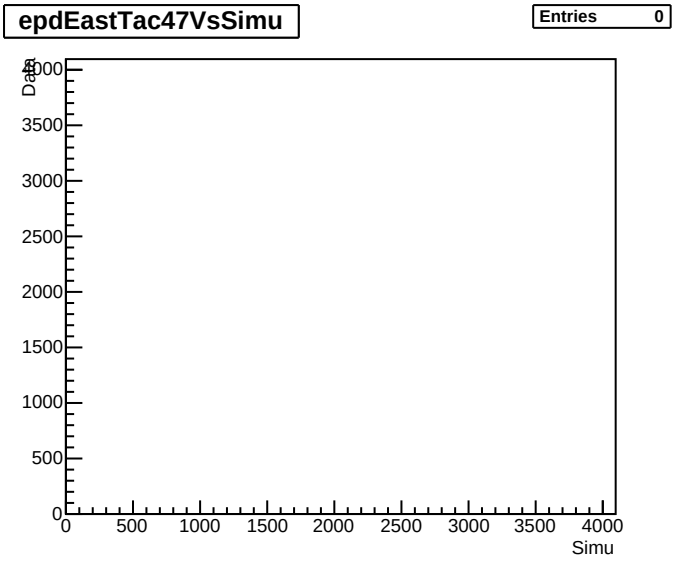

epdWestTHits
Entries 2514144
Truncated NHits
DSMInput Channel

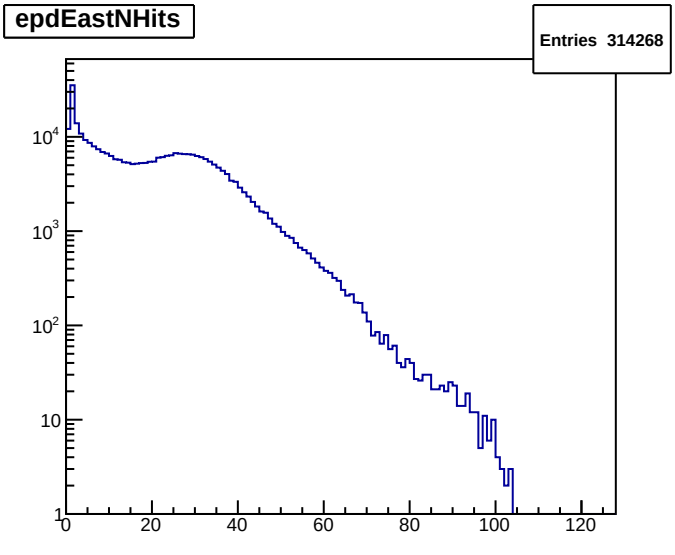

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

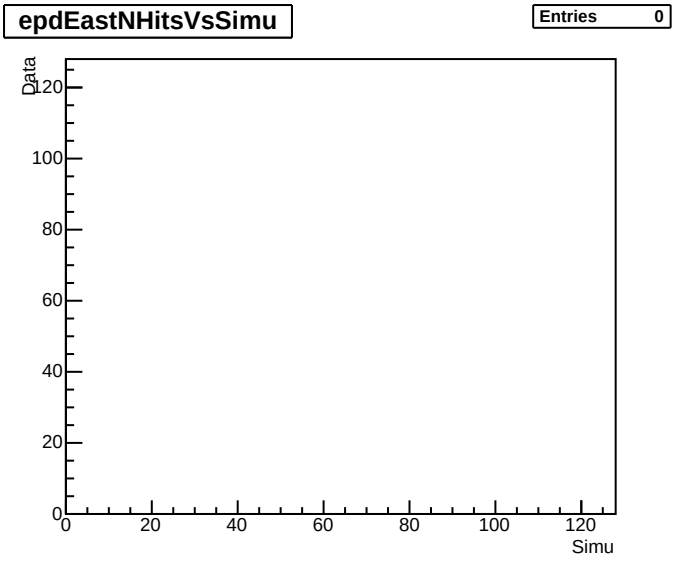

epdEastTac03
Entries 314268


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 314268


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 314268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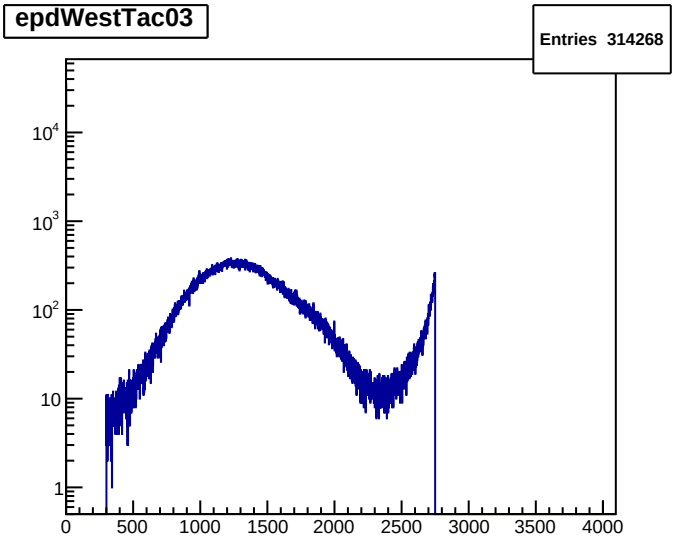
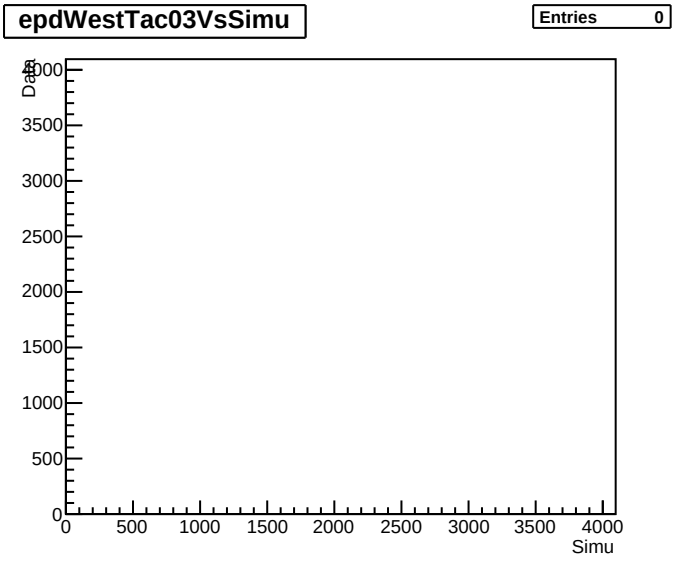
Entries 0
Data
Simu


epdWestTac03
Entries 314268
10^4
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000


epdWestTac03VsSimu
Entries 0
Data
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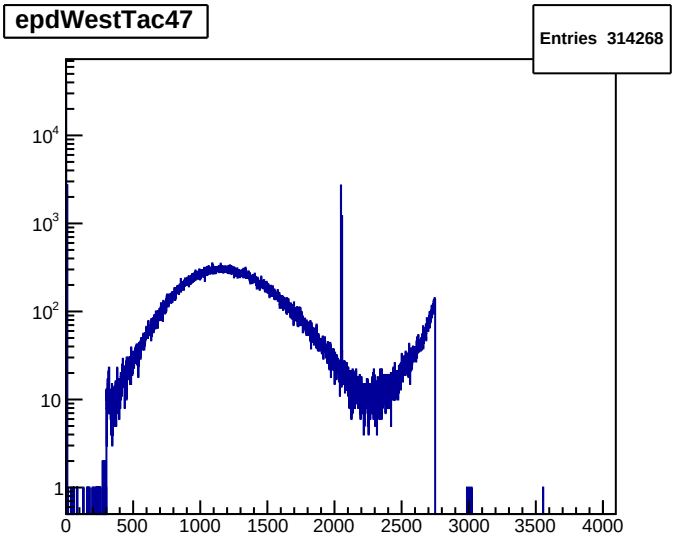
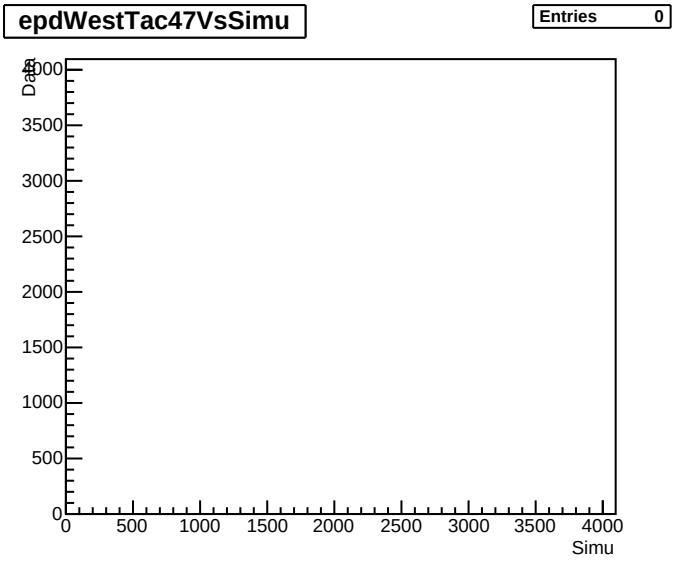
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdWestTac47
Entries 314268
10^4
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000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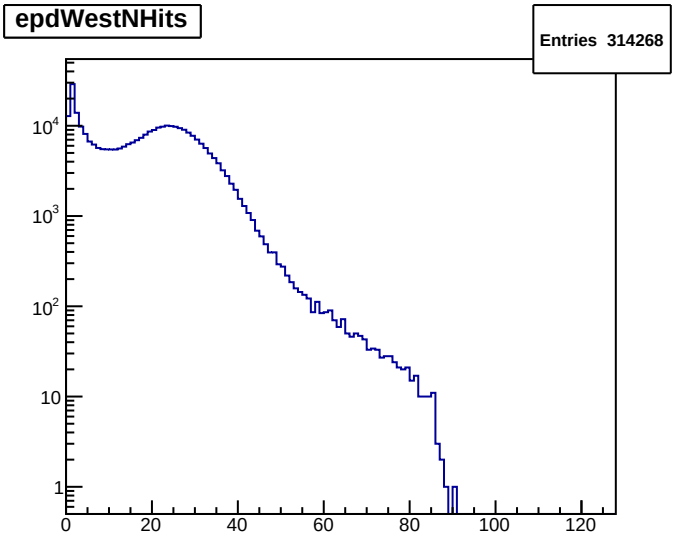
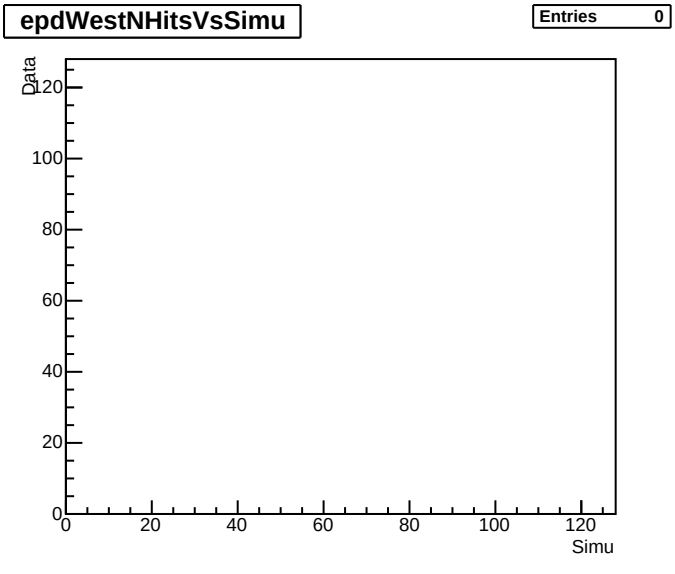
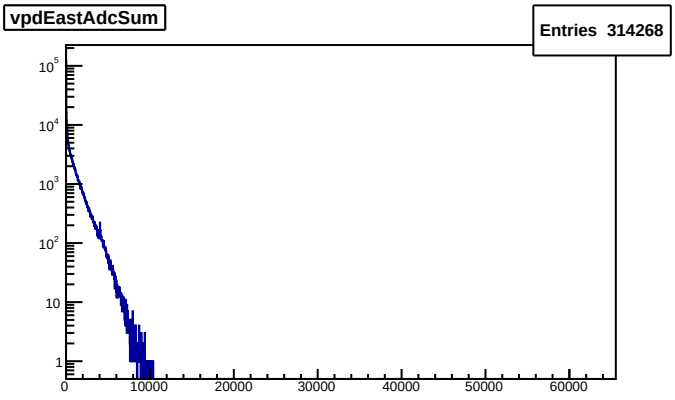
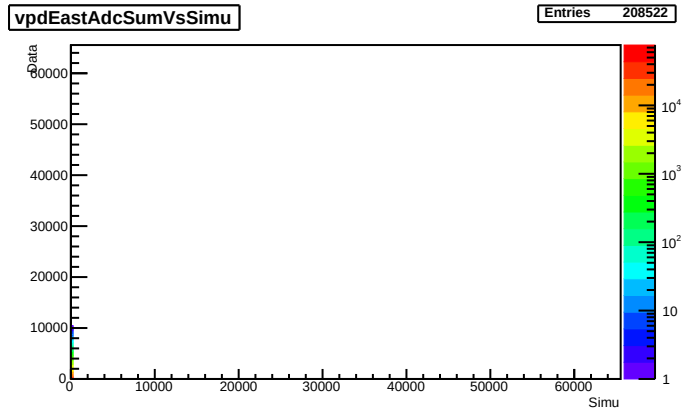
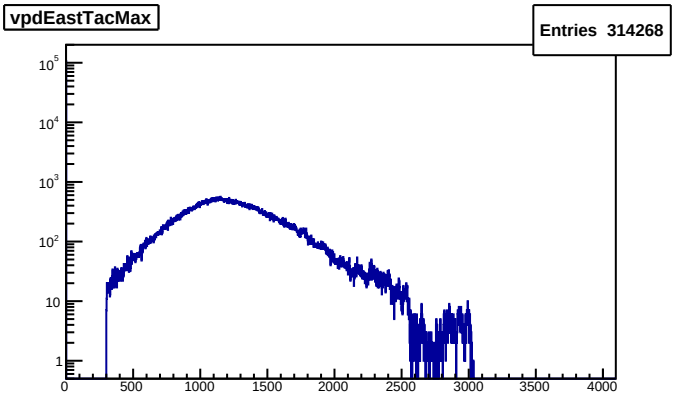
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

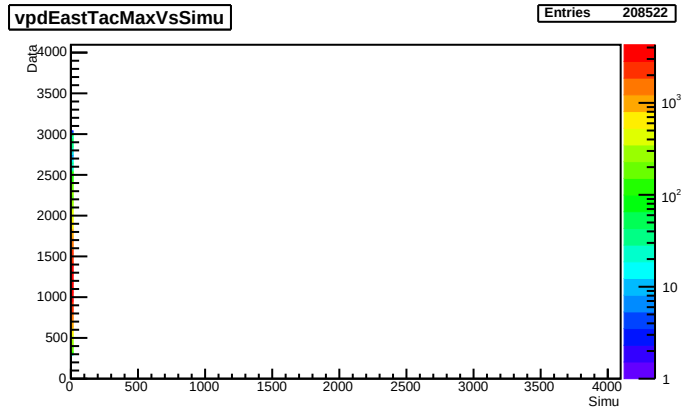

epdWestNHits
Entries 314268
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

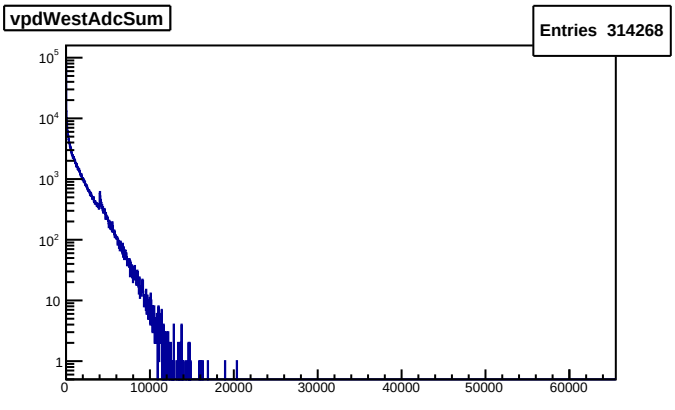

epdWestNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu

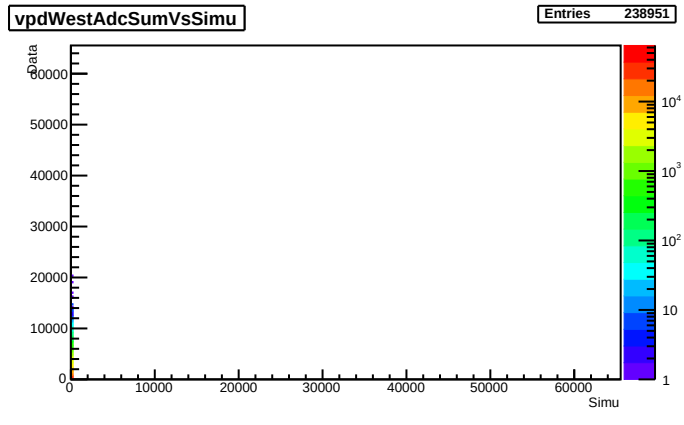

vpdEastAdcSum
Entries 314268

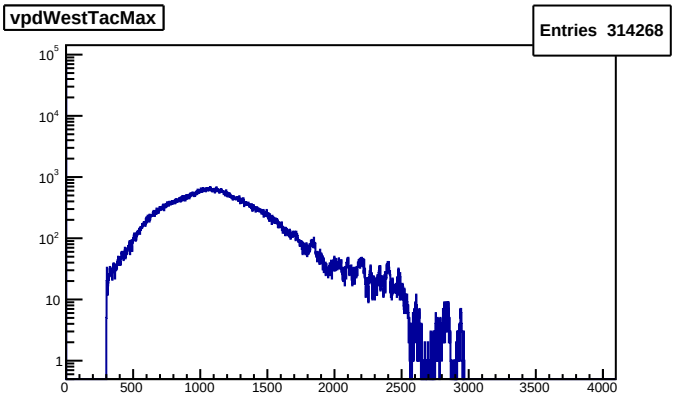

vpdEastAdcSumVsSimu
Entries 208522
Data
Simu

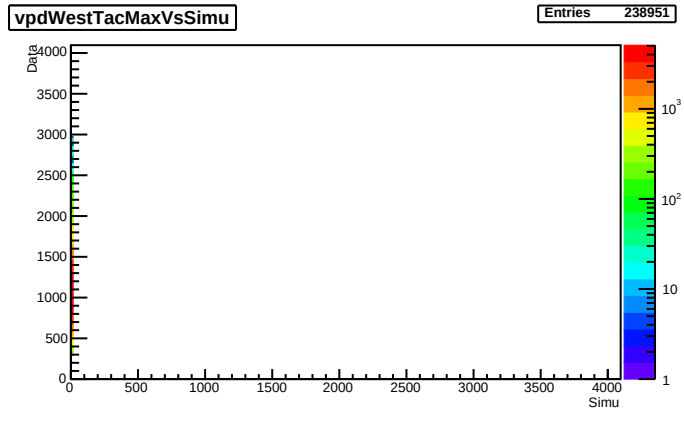

vpdEastTacMax
Entries 314268

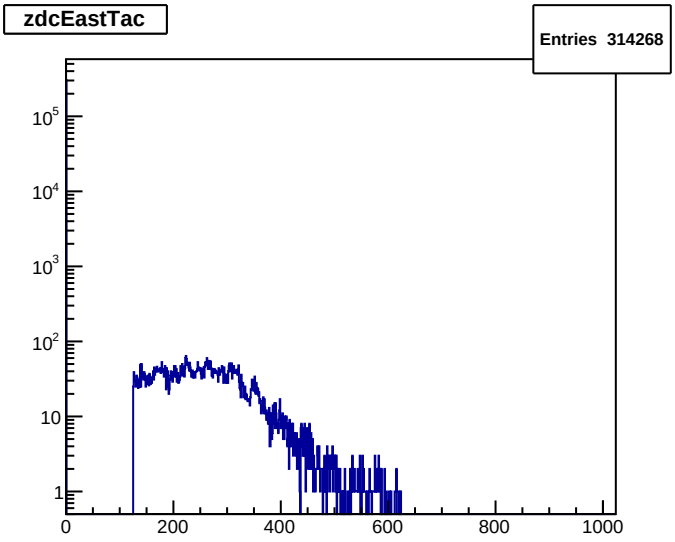

vpdEastTacMaxVsSimu
Entries 208522
Data
Simu

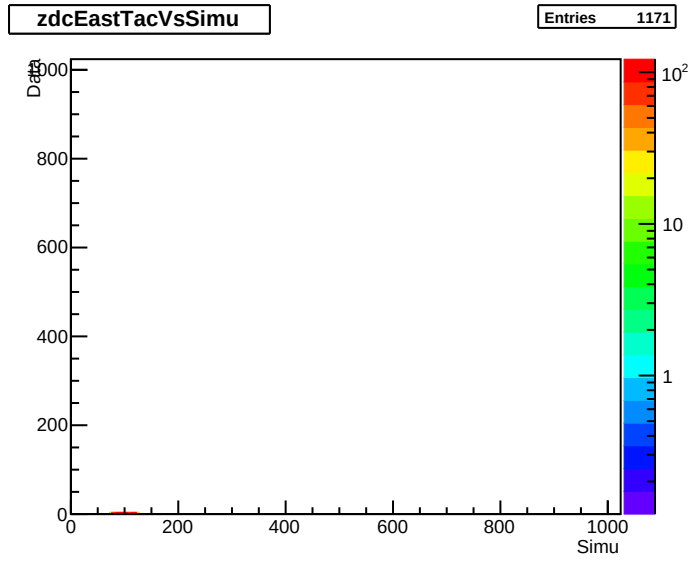

vpdWestAdcSum
Entries 314268

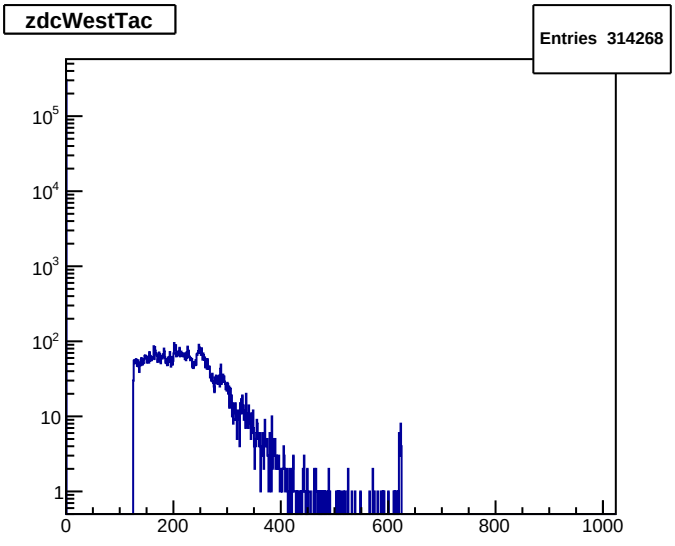

vpdWestAdcSumVsSimu
Entries 238951
Data
Simu

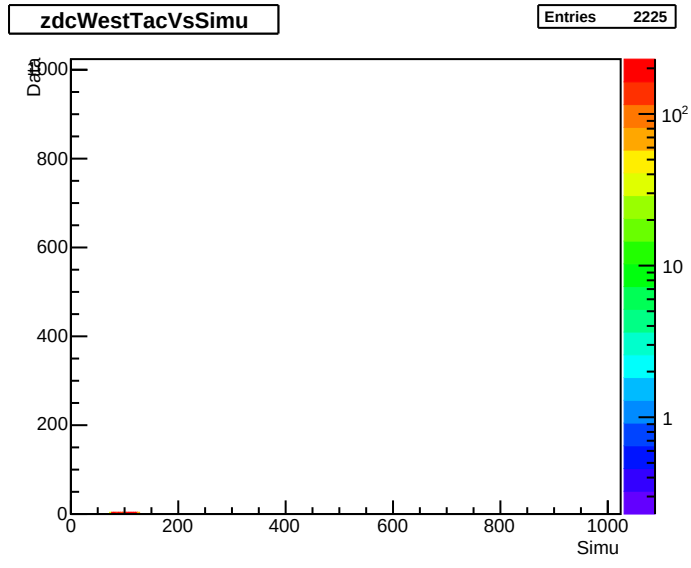

vpdWestTacMax
Entries 314268

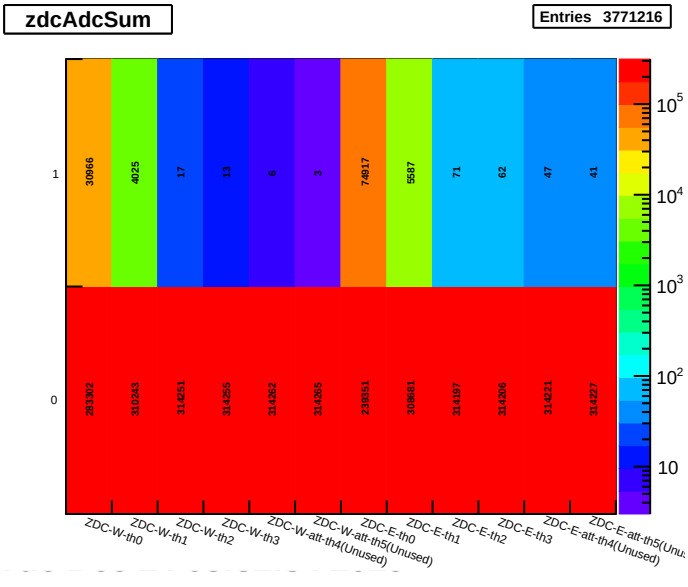

vpdWestTacMaxVsSimu
Entries 238951
Data
Simu

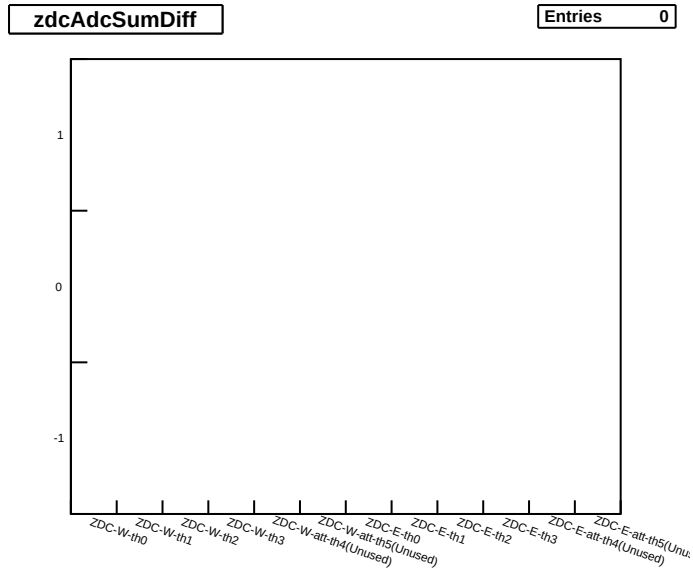

zdcEastTac
Entries 314268

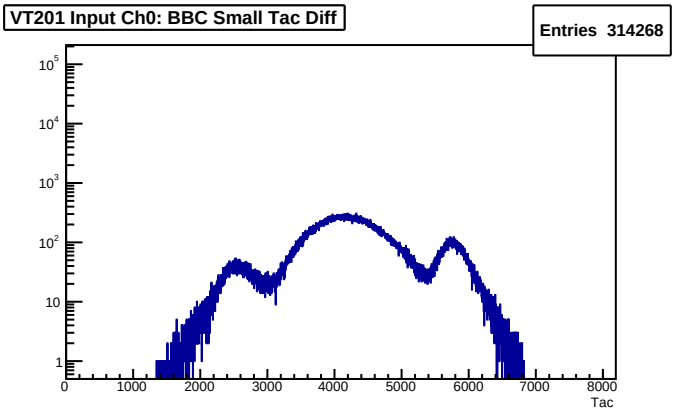

zdcEastTacVsSimu
Entries 1171
Data
Simu

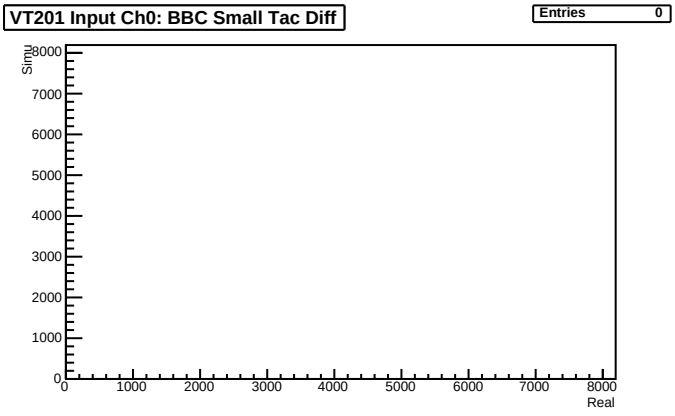

zdcWestTac
Entries 314268

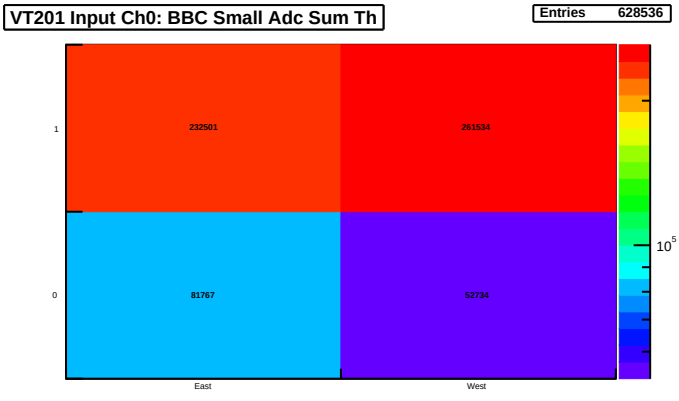

zdcWestTacVsSimu
Entries 2225
Data
Simu

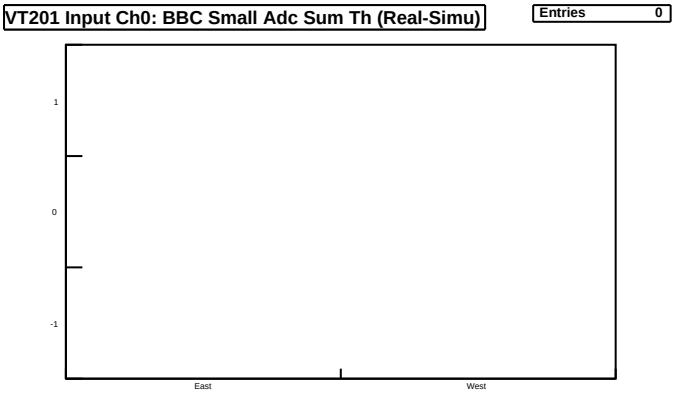

zdcAdcSum
Entries 3771216
30966
4025
17
13
6
3
74917
5587
71
62
47
41
283302
310243
314251
314255
314262
314265
239351
308681
314197
314206
314221
314227
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

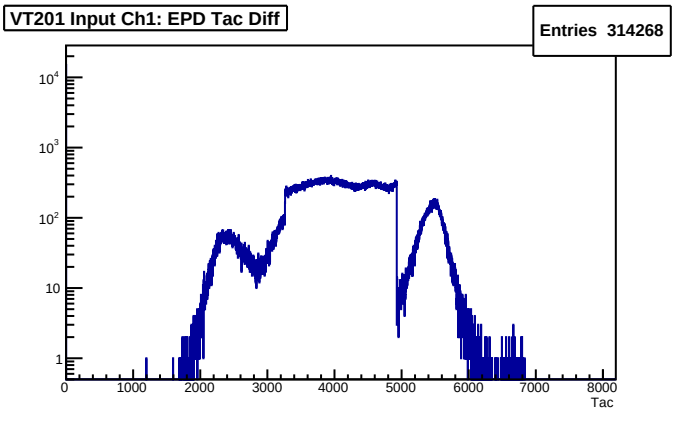

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

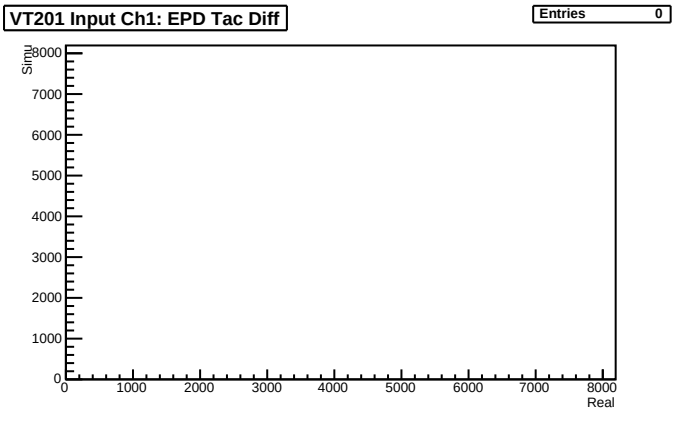

VT201 Input Ch0: BBC Small Tac Diff
Entries 314268
Tac

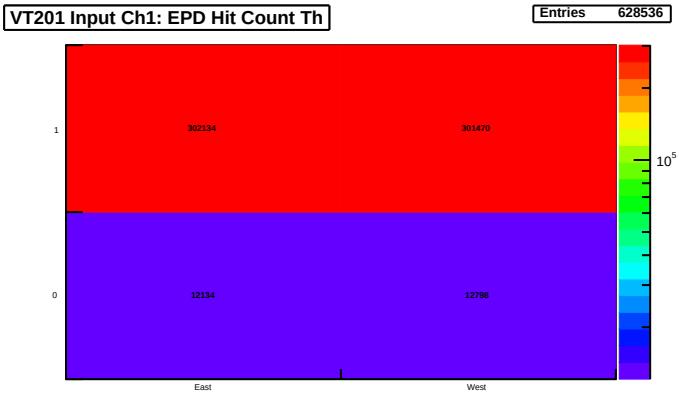

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

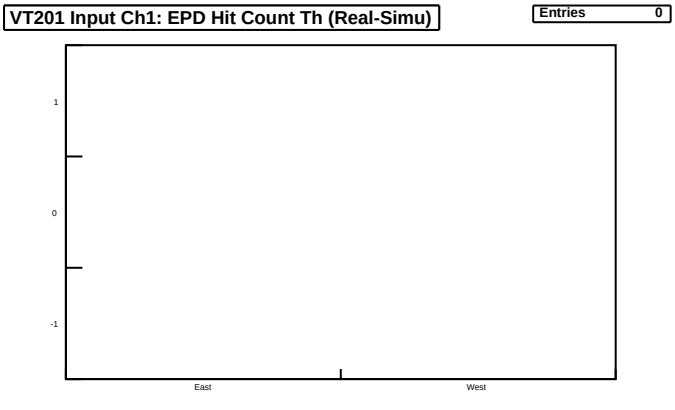

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 628536
232501
261534
81767
52734
East
West

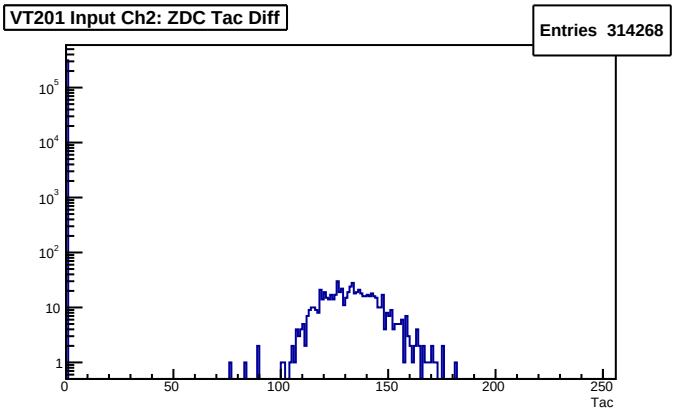

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

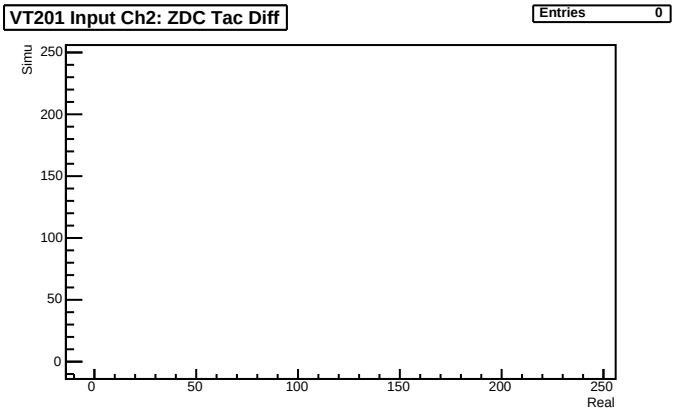

VT201 Input Ch1: EPD Tac Diff
Entries 314268
Tac

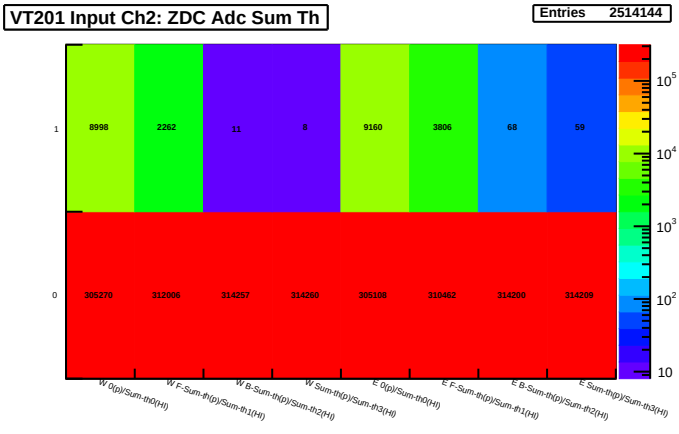

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

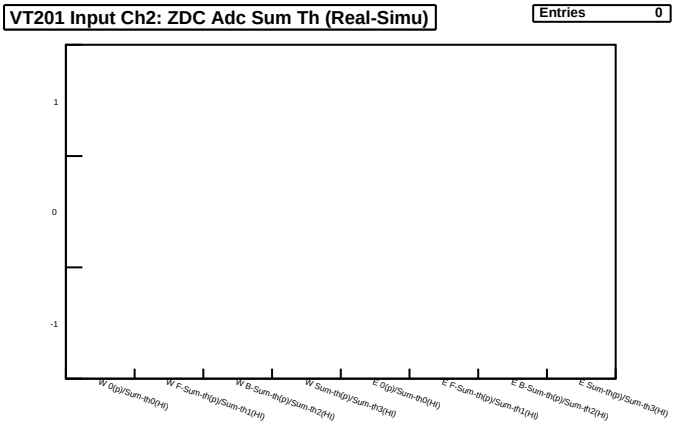

VT201 Input Ch1: EPD Hit Count Th
Entries 628536
302134
301470
12134
12798
East
West

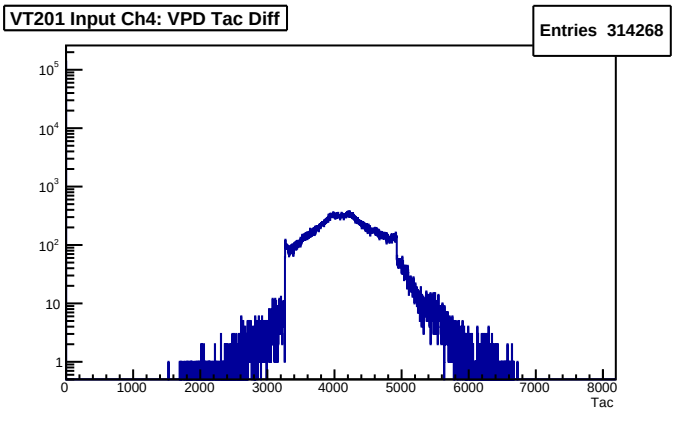

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

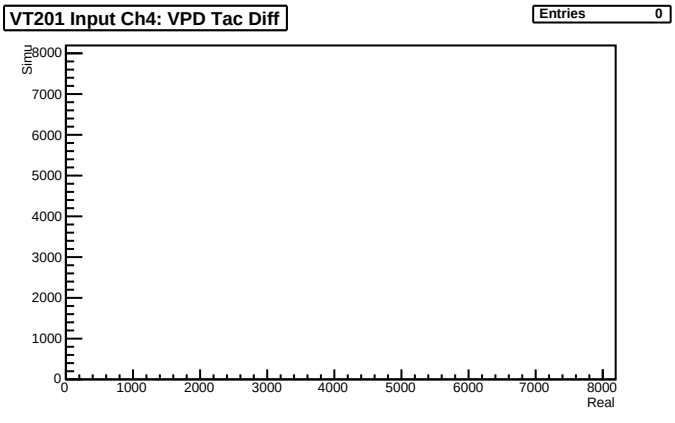

VT201 Input Ch2: ZDC Tac Diff
Entries 314268
Tac

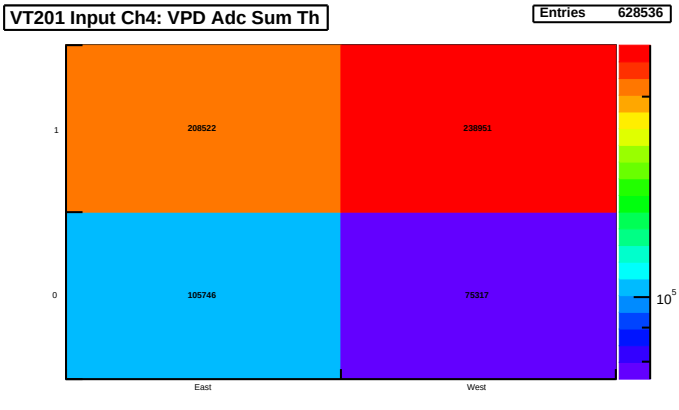

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

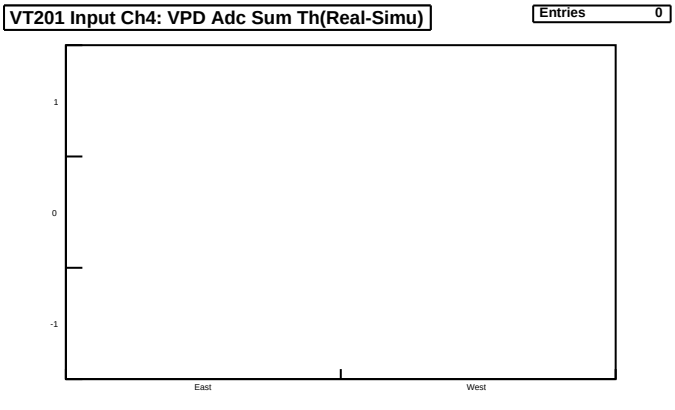

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2514144
8998
2262
11
8
9160
3806
68
59
305270
312006
314257
314260
305108
310462
314200
314209
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

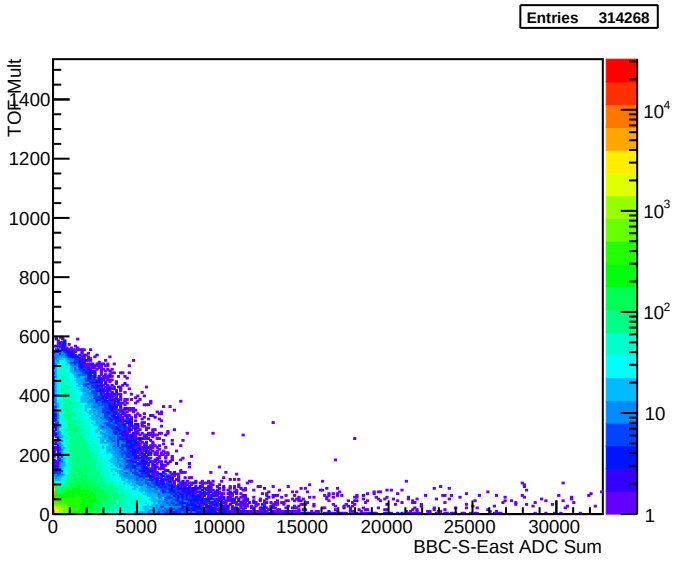

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

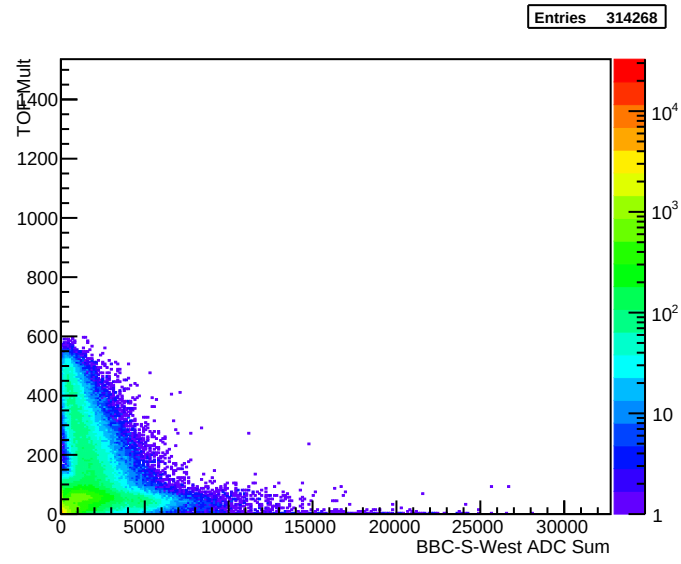

VT201 Input Ch4: VPD Tac Diff
Entries 314268
Tac

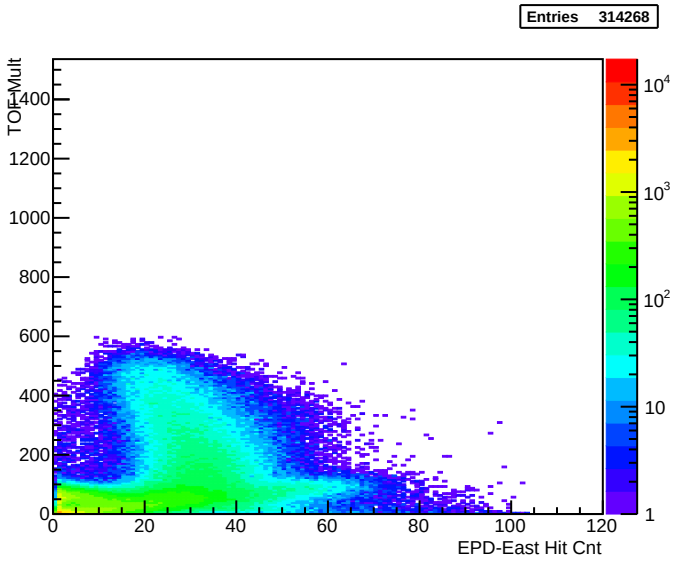

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

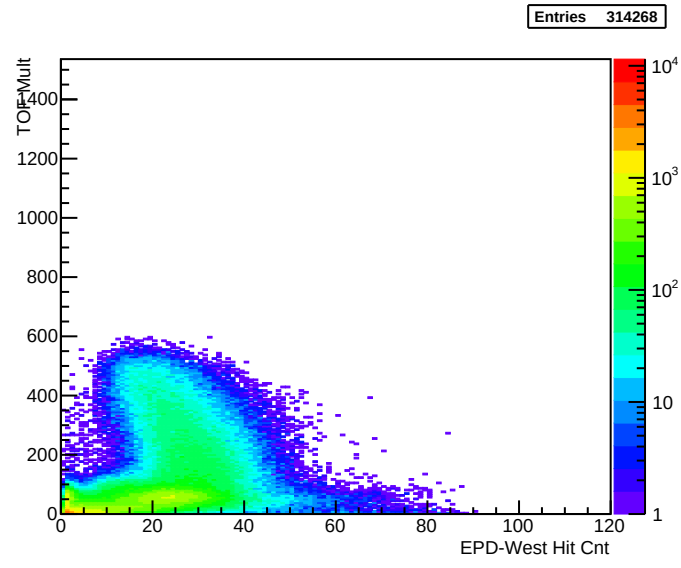

VT201 Input Ch4: VPD Adc Sum Th
Entries 628536
208522
238951
105746
75317
East
West

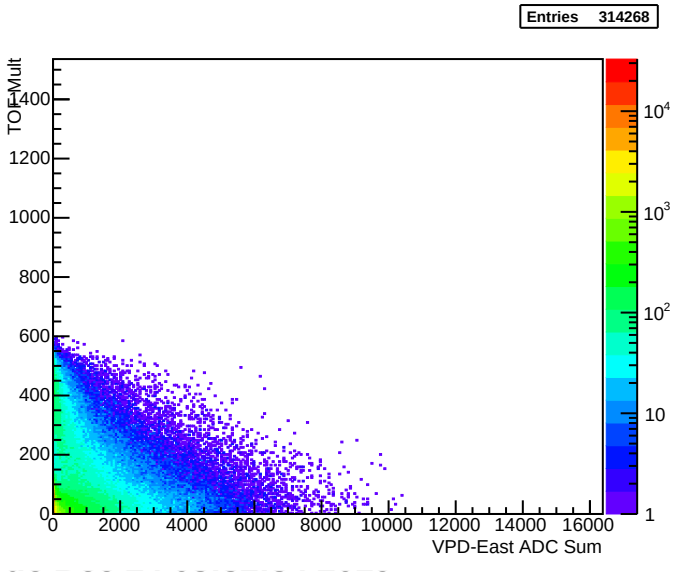

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

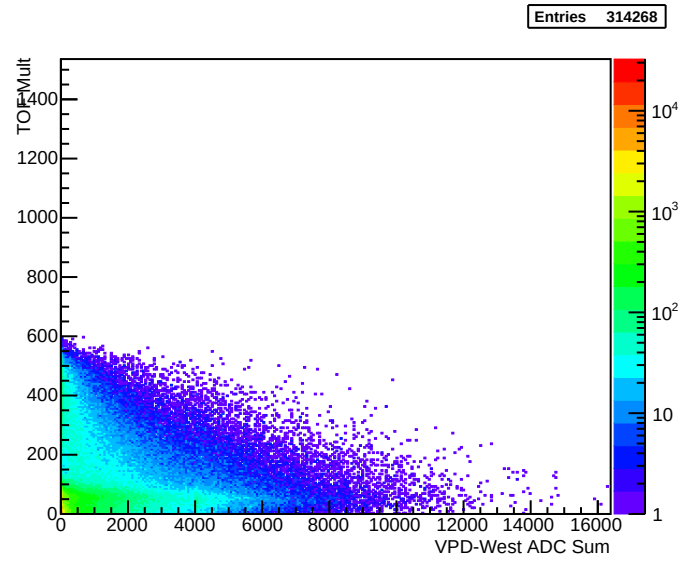

Entries 314268
TOF-Mult
BBC-S-East ADC Sum

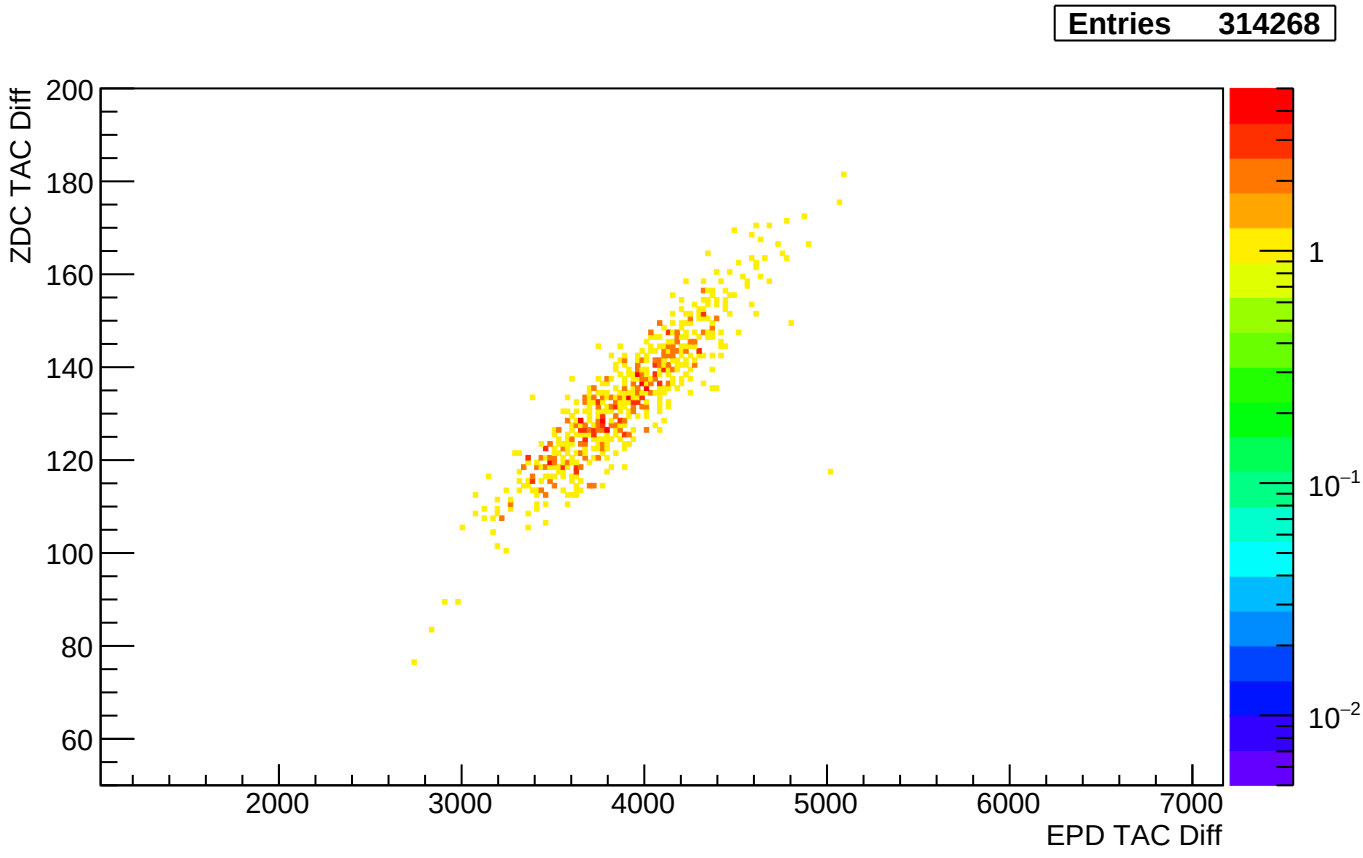

Entries 314268
TOF-Mult
BBC-S-West ADC Sum

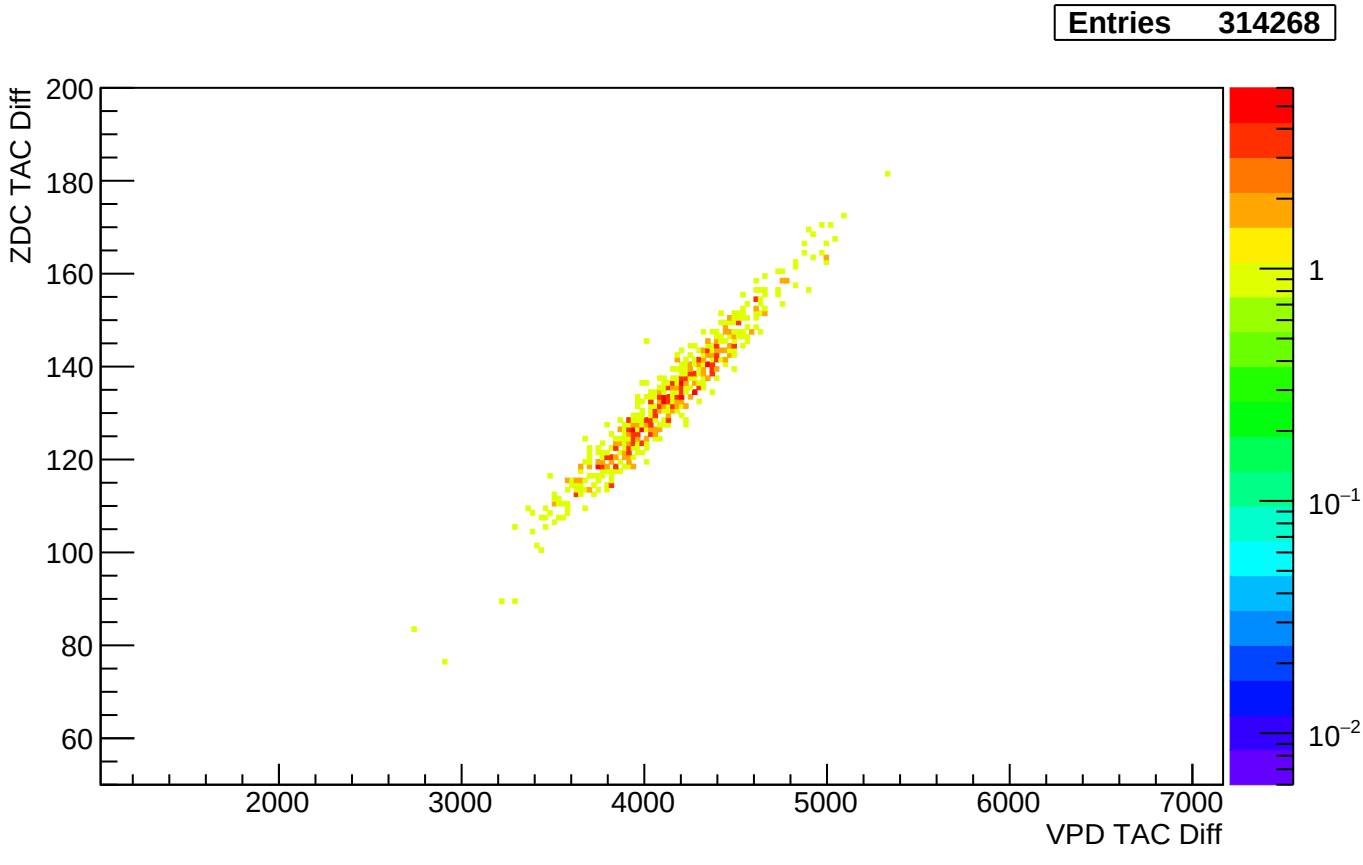

Entries 314268
TOF-Mult
EPD-East Hit Cnt

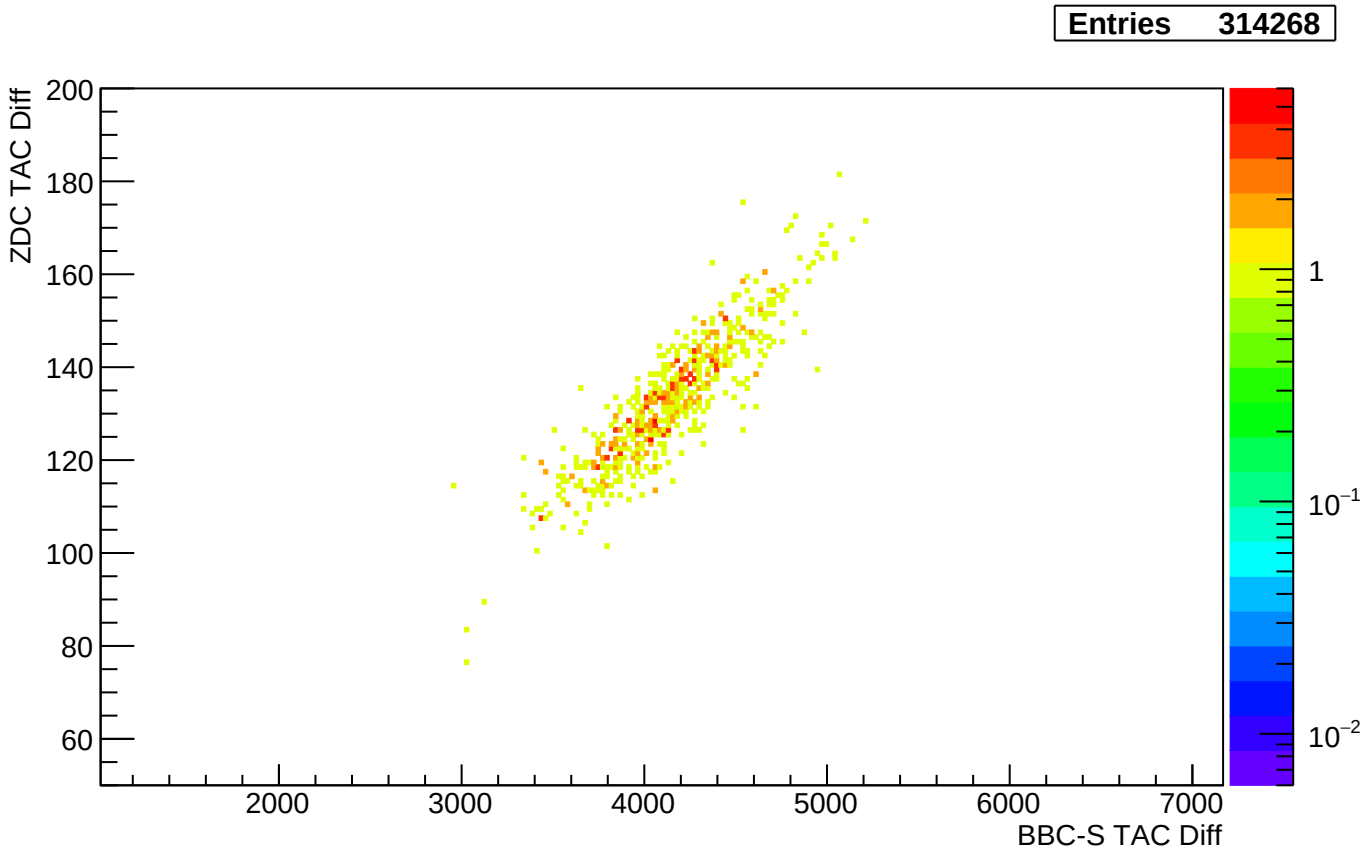

Entries 314268
TOF-Mult
EPD-West Hit Cnt

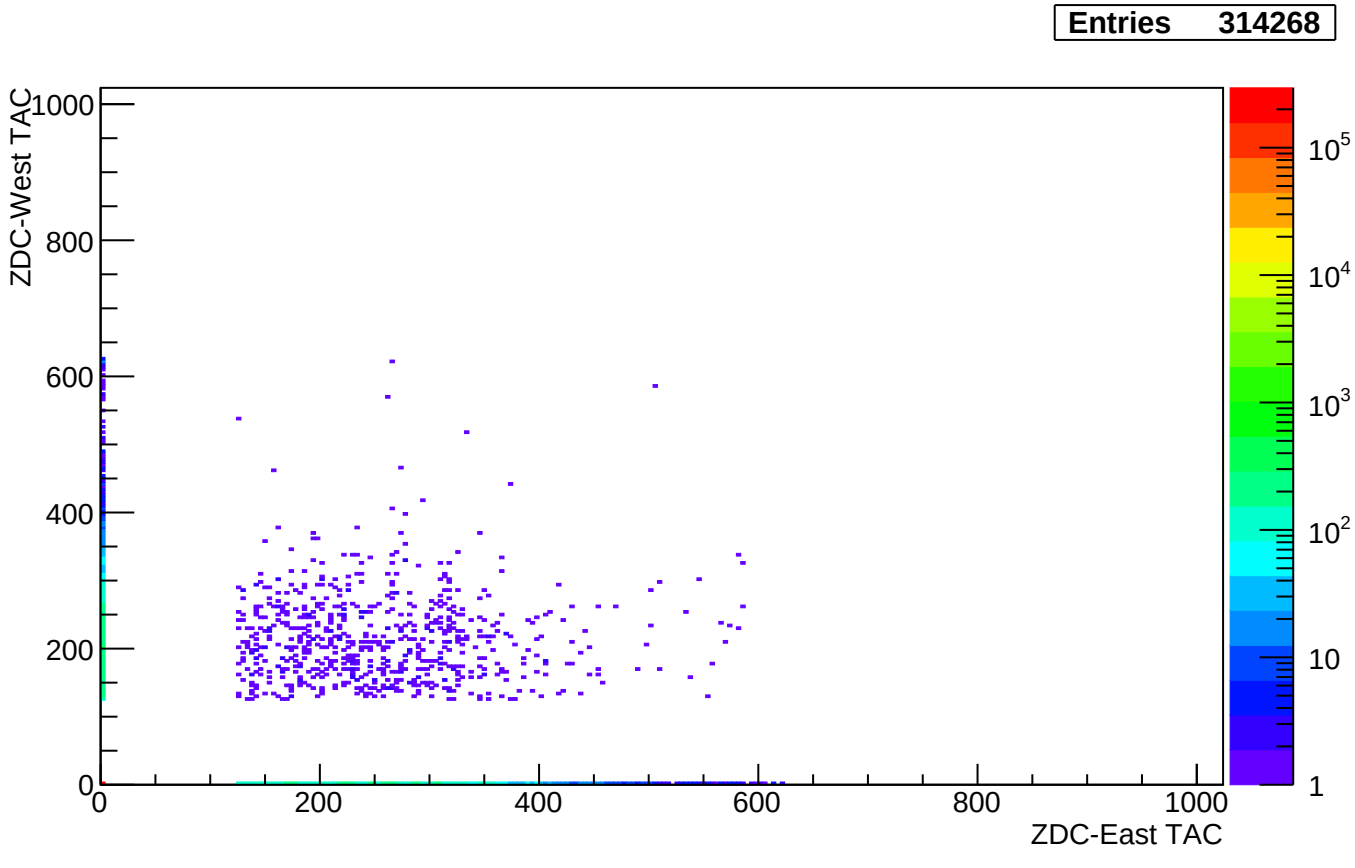

Entries 314268
TOF-Mult
VPD-East ADC Sum

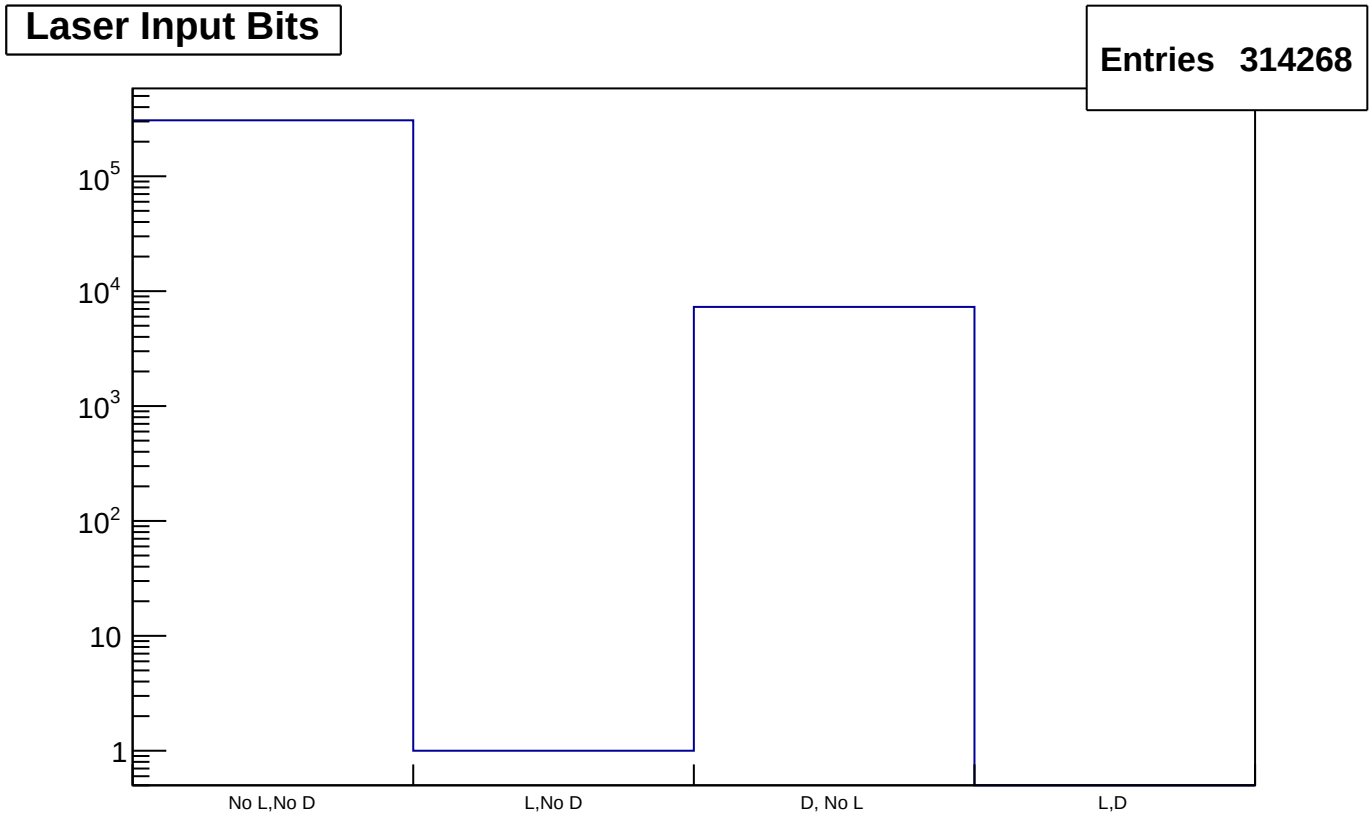

Entries 314268
TOF-Mult
VPD-West ADC Sum

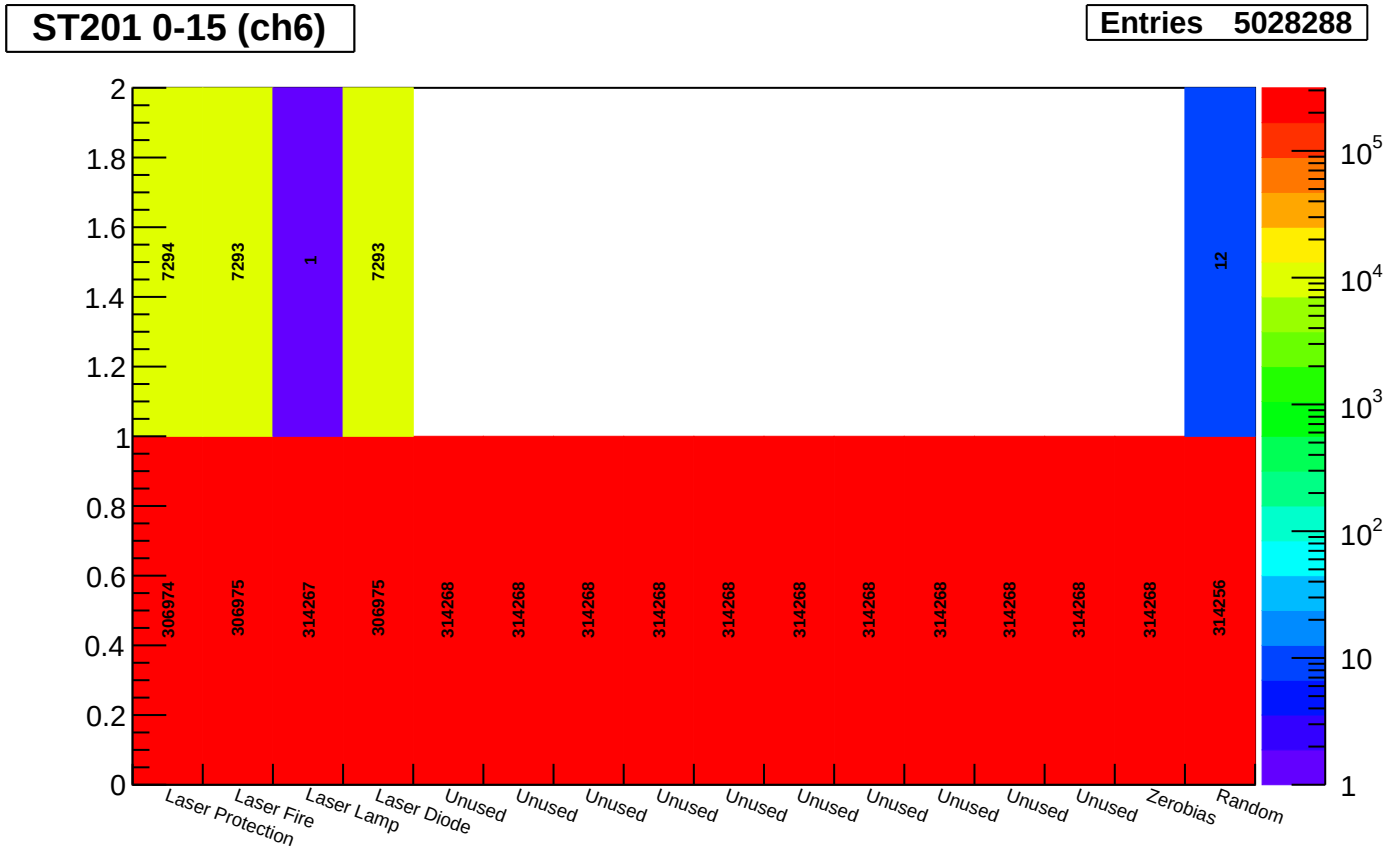

Entries 314268
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

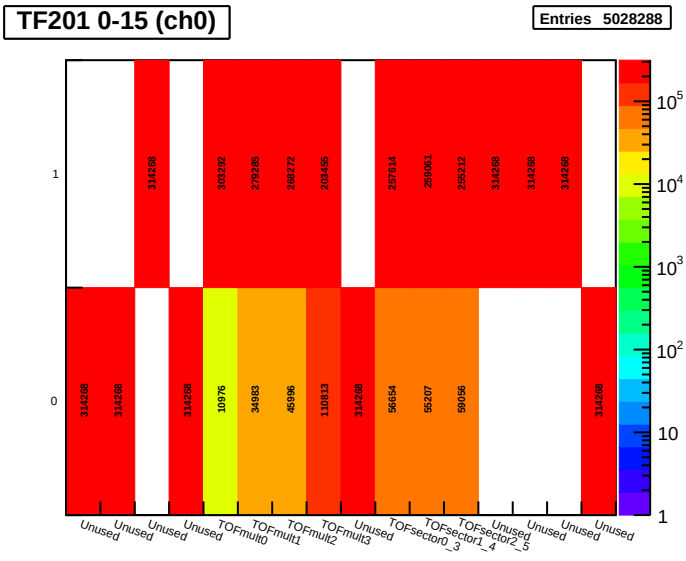

Entries 314268
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

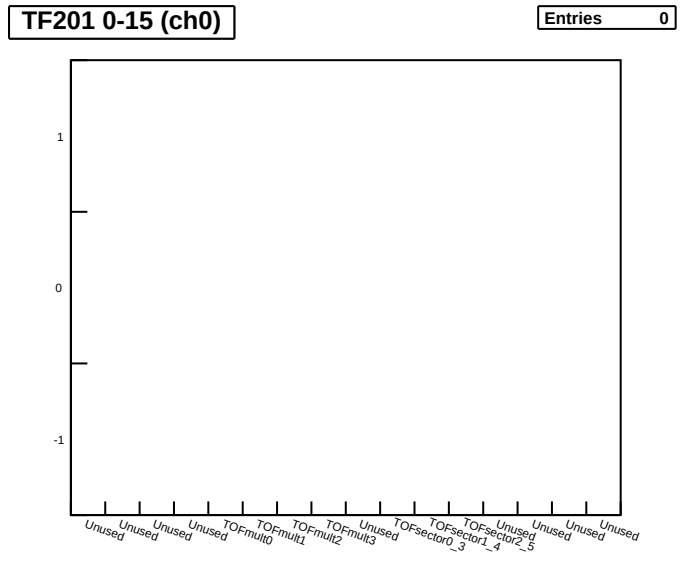

Entries 314268
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

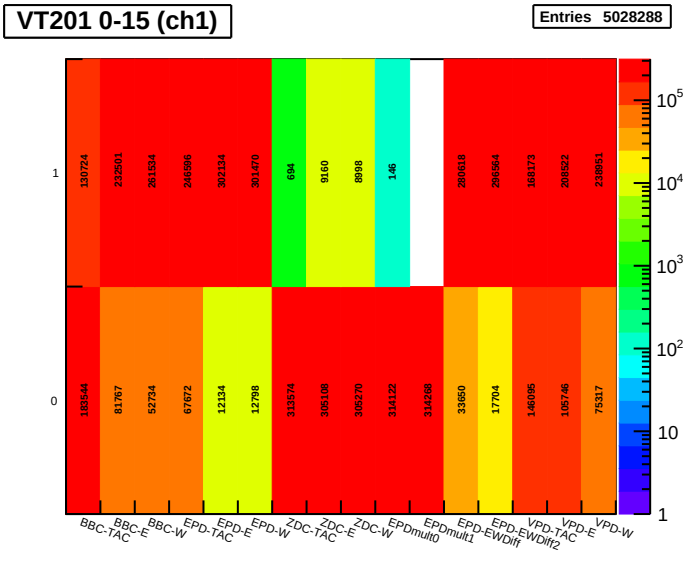

Entries 314268
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

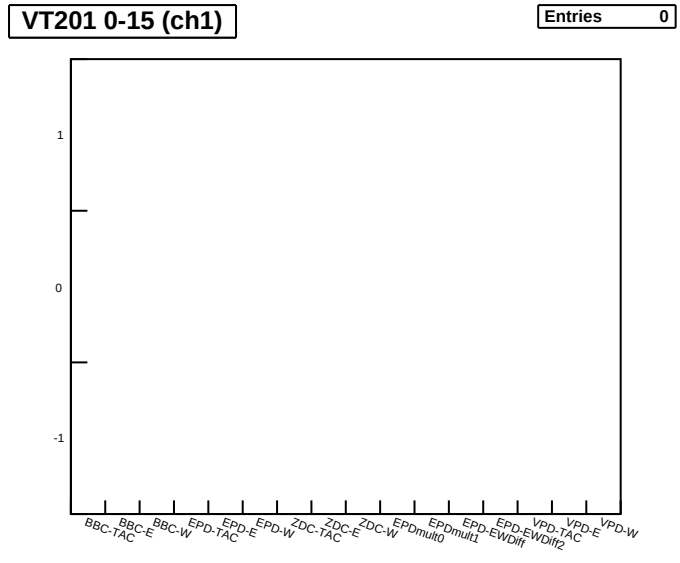

Laser Input Bits
Entries 314268
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

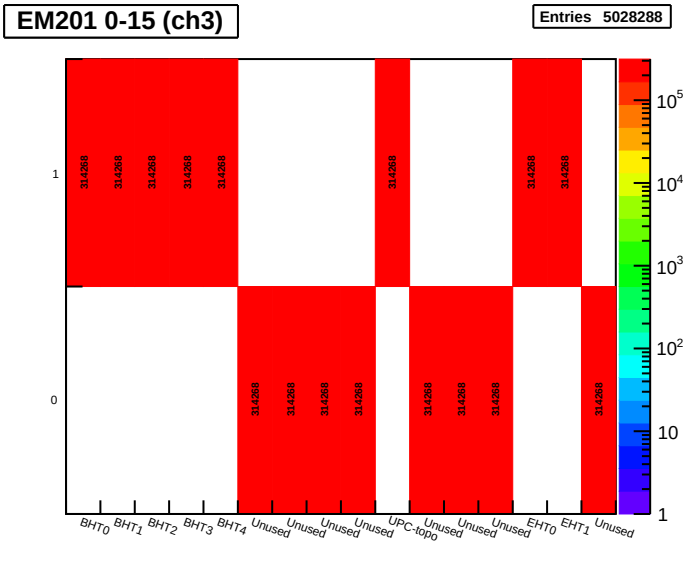

ST201 0-15 (ch6)
Entries 5028288
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
7294
7293
1
7293
12
306974
306975
314267
306975
314268
314268
314268
314268
314268
314268
314268
314268
314268
314268
314268
314256
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

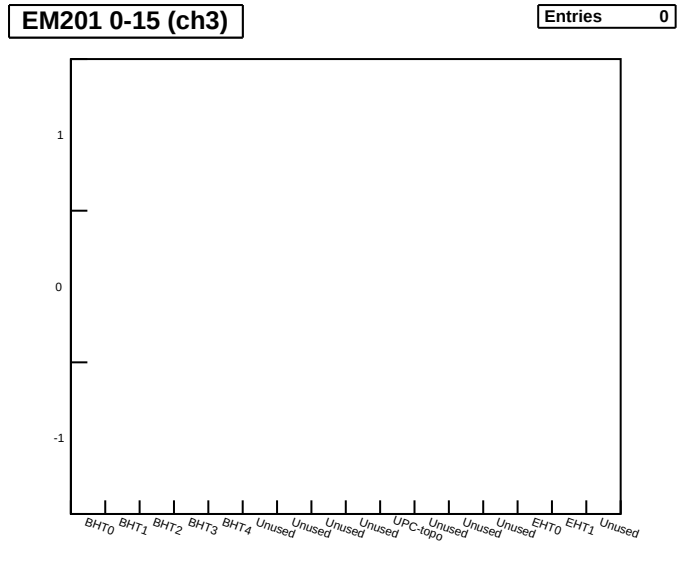

TF201 0-15 (ch0)
Entries 5028288
1
0
314268 314268 314268 303292 279285 268272 263455 257614 259061 255212 314268 314268 314268
314268 314268 314268 10976 34983 45996 110813 314268 56654 55207 59056 314268
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 5028288
1
0
130724 232501 261534 246596 302134 301470 694 9160 8998 146 280618 296564 168173 208522 238951
183544 81767 52734 67672 12134 12798 313574 305108 305270 314122 314268 33650 17704 146095 105746 75317
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 5028288
1
0
314268 314268 314268 314268 314268 314268 314268 314268 314268
314268 314268 314268 314268 314268 314268 314268 314268
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