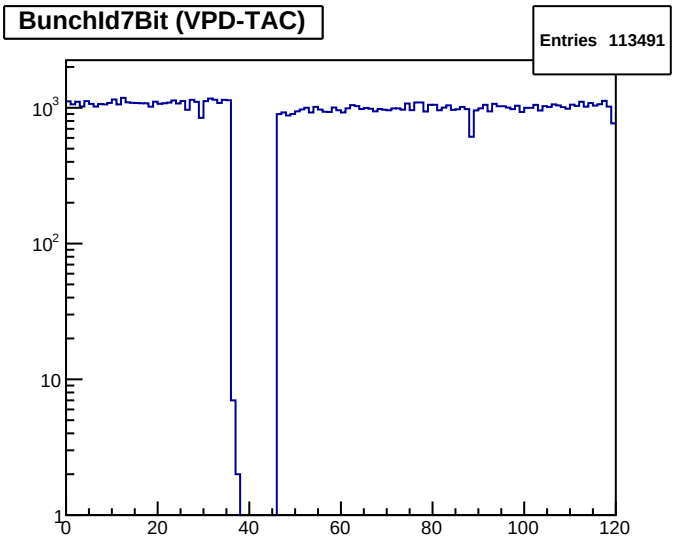
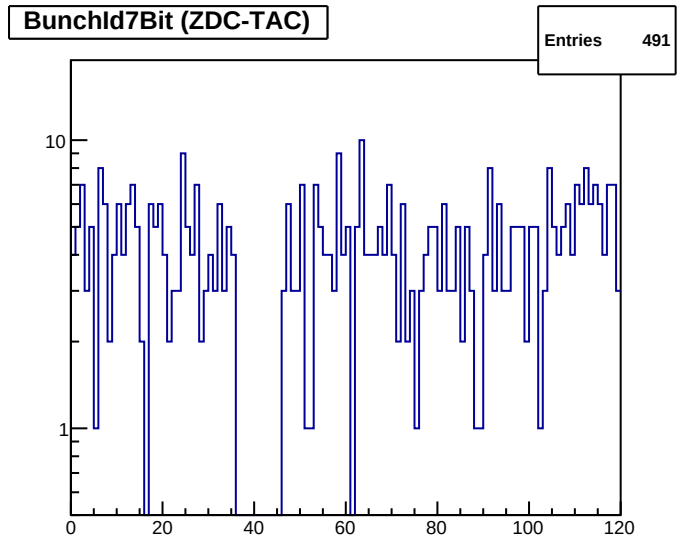
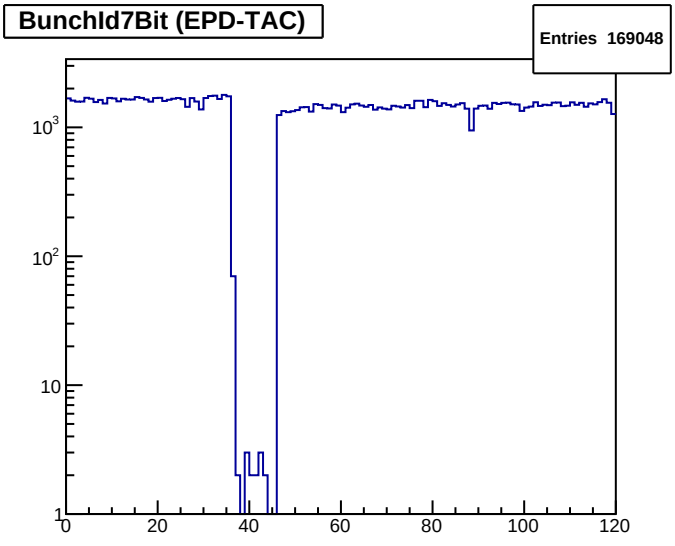
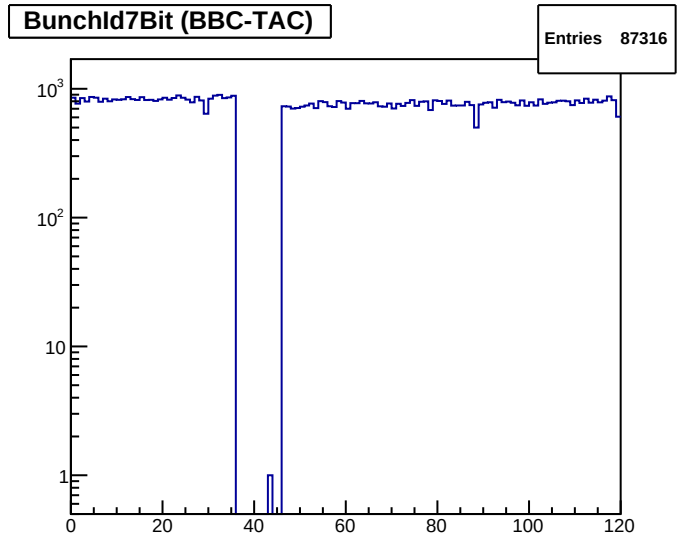
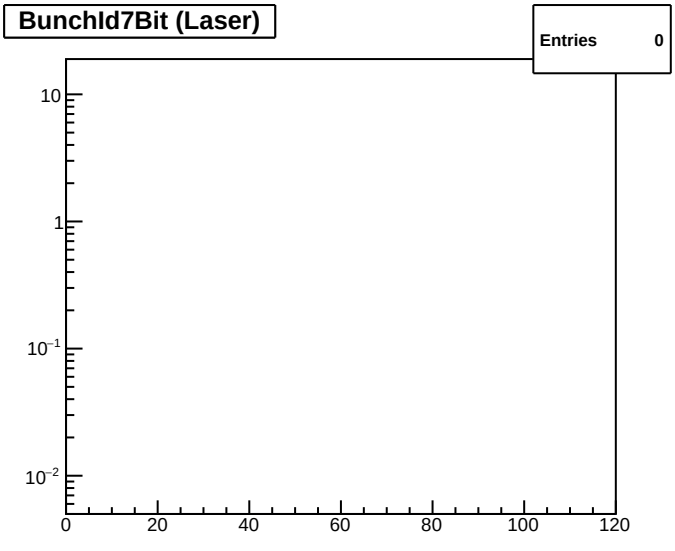
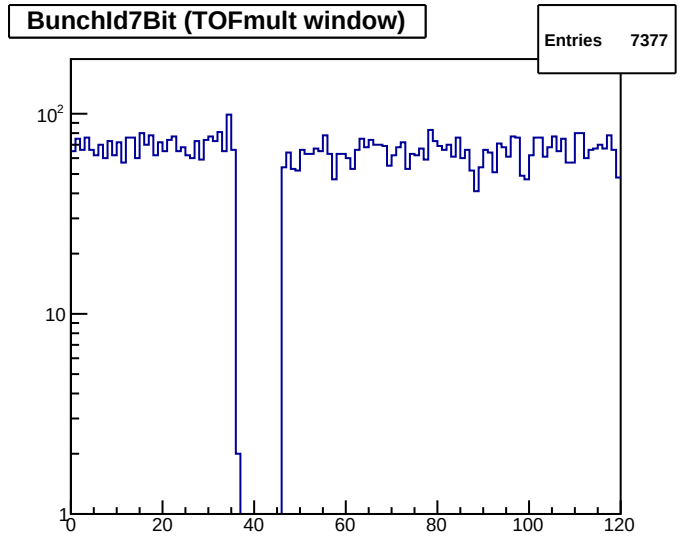

BunchId7Bit (VPD-TAC)
Entries 113491

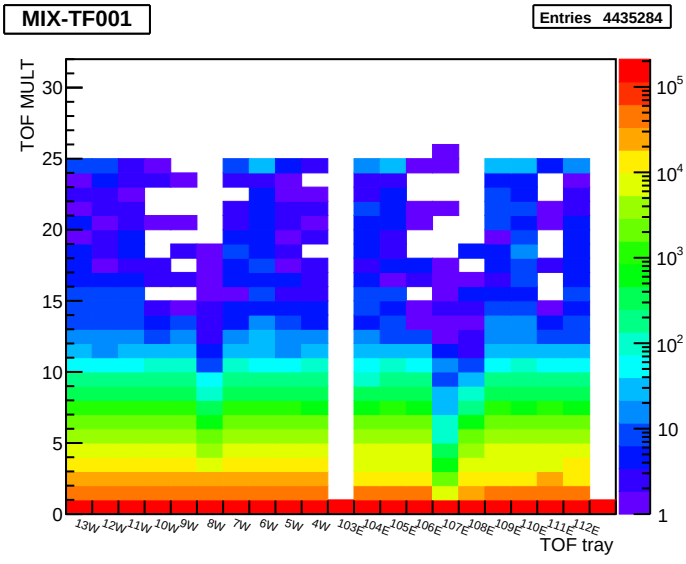

BunchId7Bit (ZDC-TAC)
Entries 491

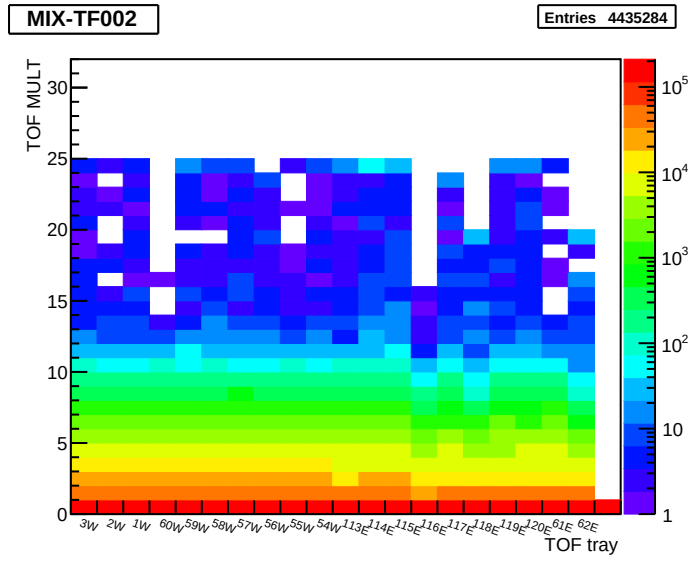

BunchId7Bit (EPD-TAC)
Entries 169048

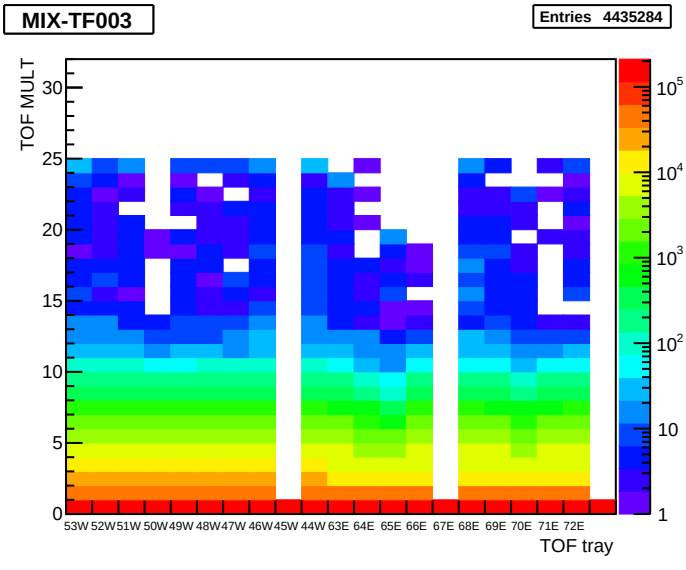

BunchId7Bit (BBC-TAC)
Entries 87316

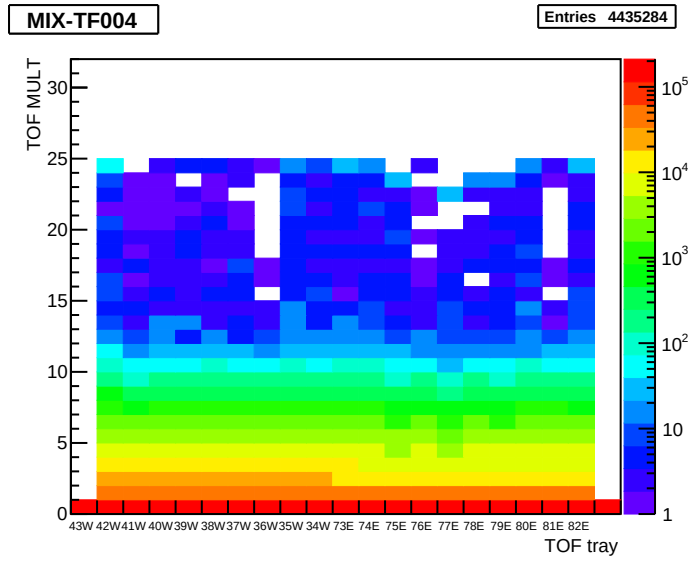

BunchId7Bit (Laser)
Entries 0

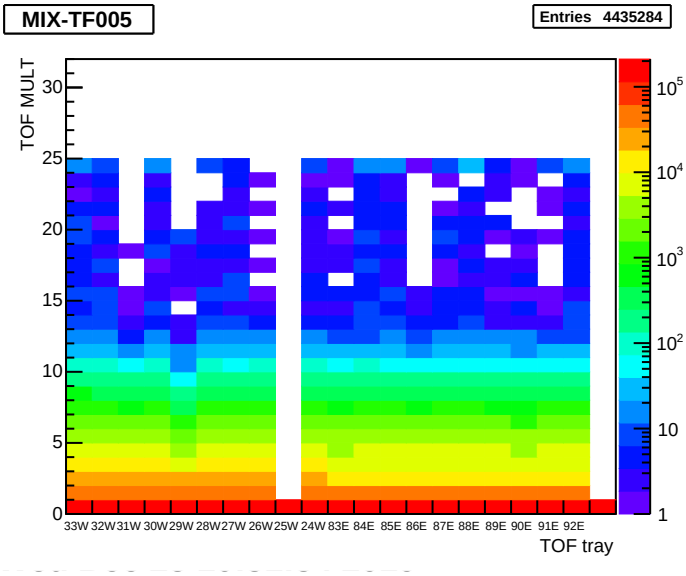

BunchId7Bit (TOFmult window)
Entries 7377

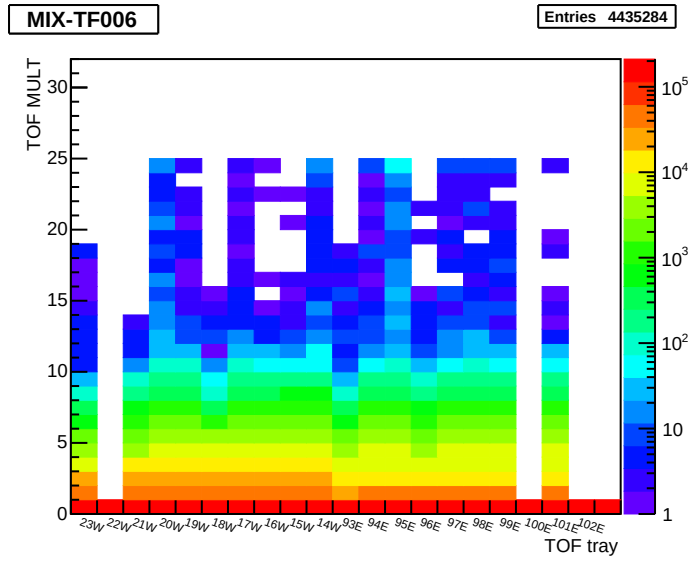

MIX-TF001
Entries 4435284
TOF MULT
TOF tray

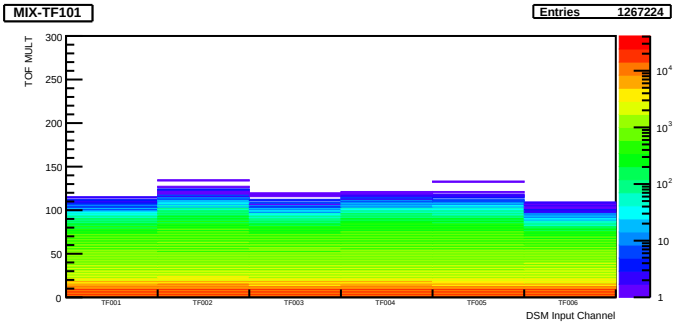

MIX-TF002
Entries 4435284
TOF MULT
TOF tray

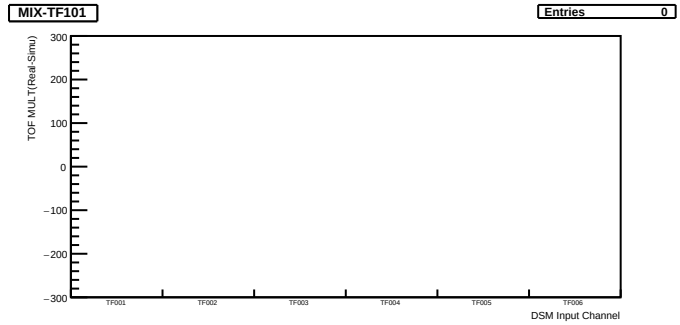

MIX-TF003
Entries 4435284
TOF MULT
TOF tray

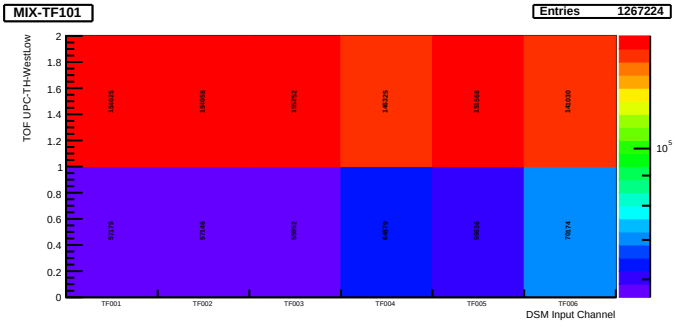

MIX-TF004
Entries 4435284
TOF MULT
TOF tray

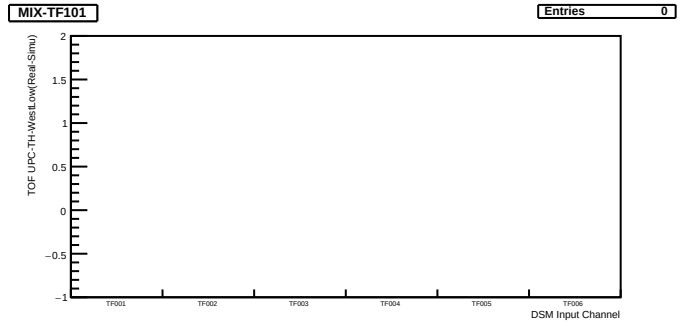

MIX-TF005
Entries 4435284
TOF MULT
TOF tray

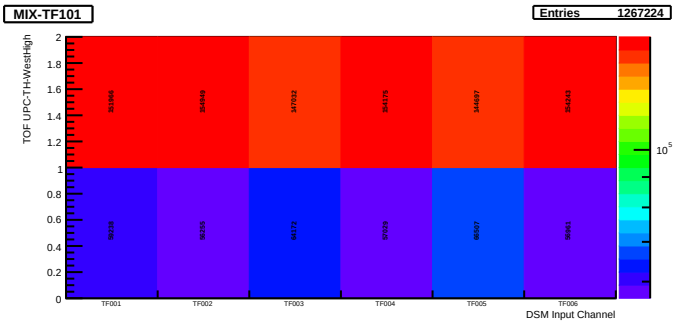

MIX-TF006
Entries 4435284
TOF MULT
TOF tray

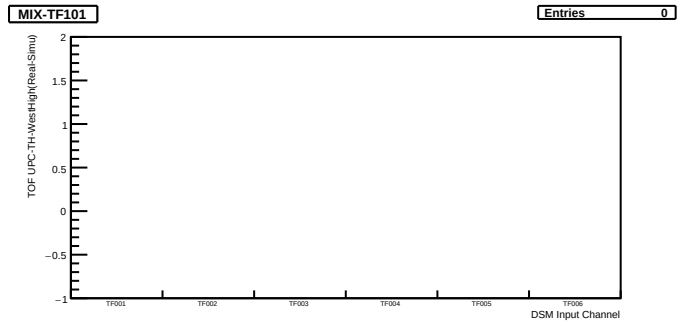

MIX-TF101
Entries 1267224
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

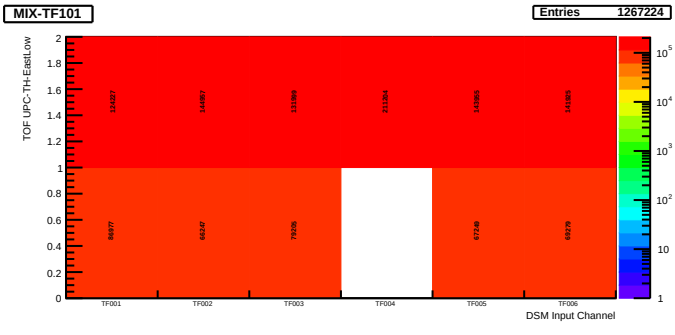

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

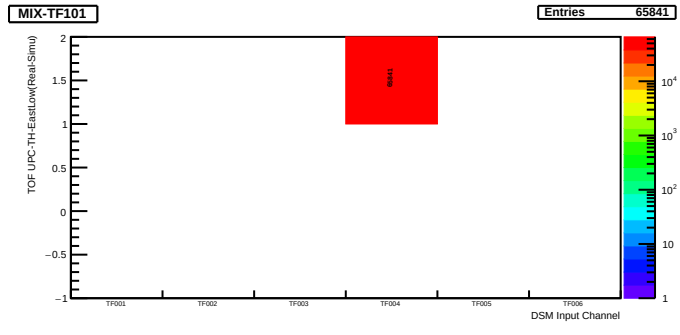

MIX-TF101
Entries 1267224
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

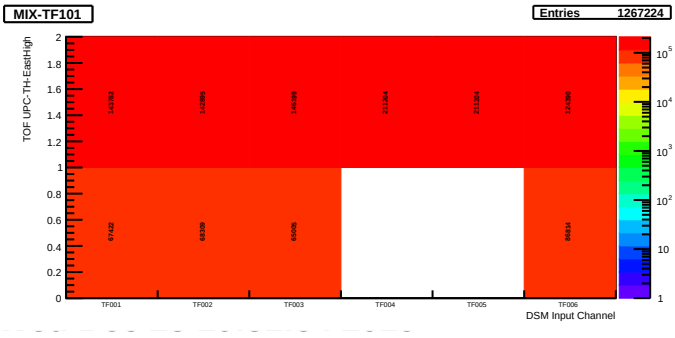

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

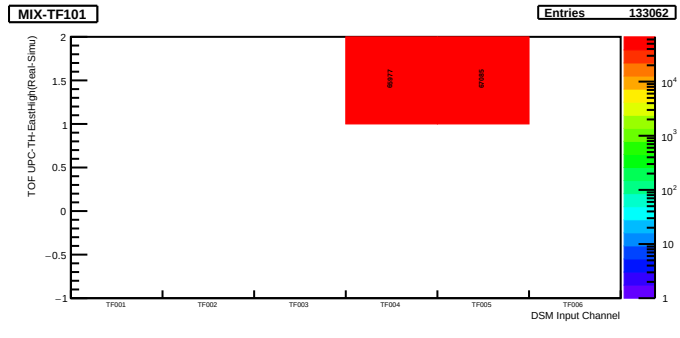

MIX-TF101
Entries 1267224
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

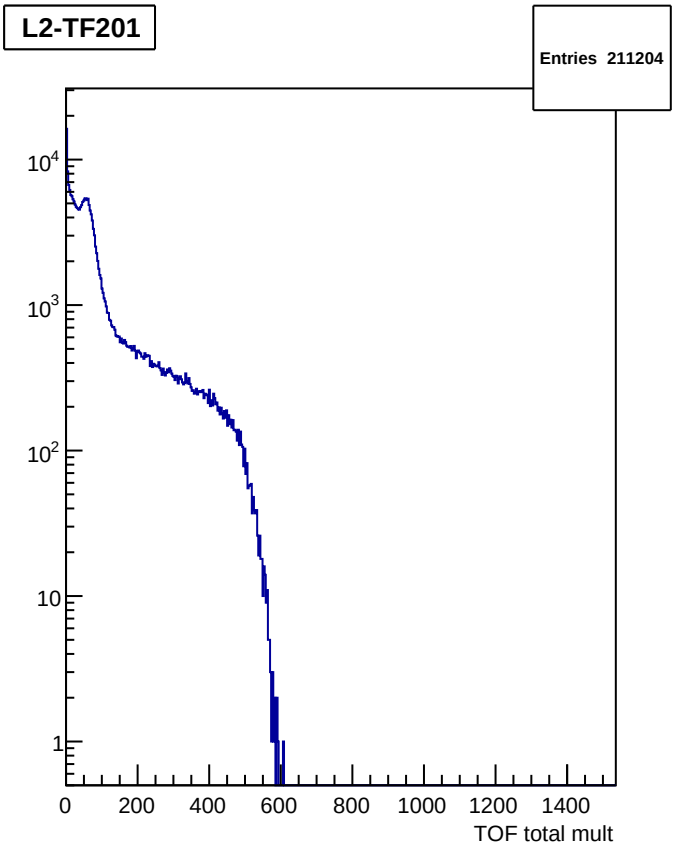

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

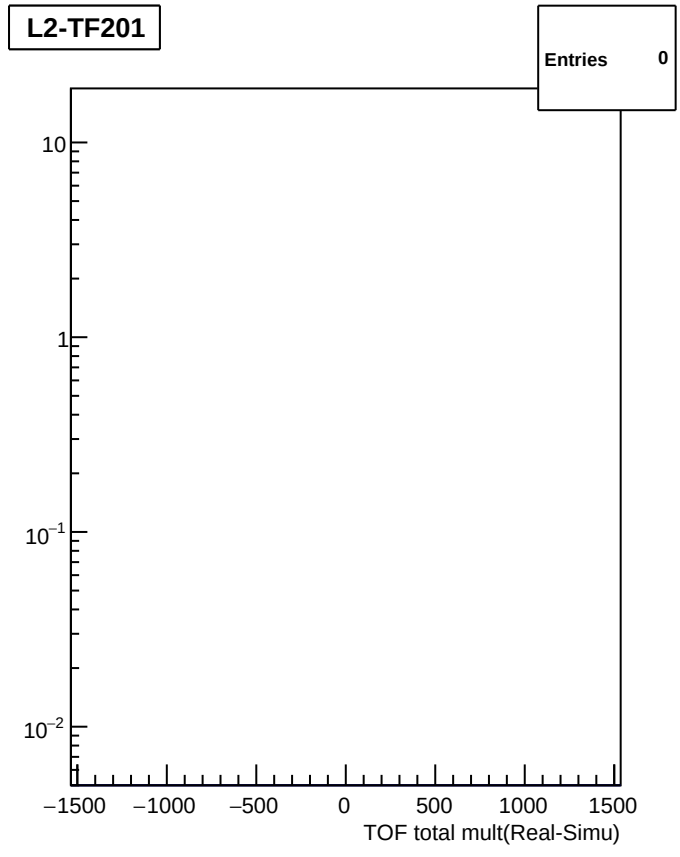

MIX-TF101
Entries 1267224
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

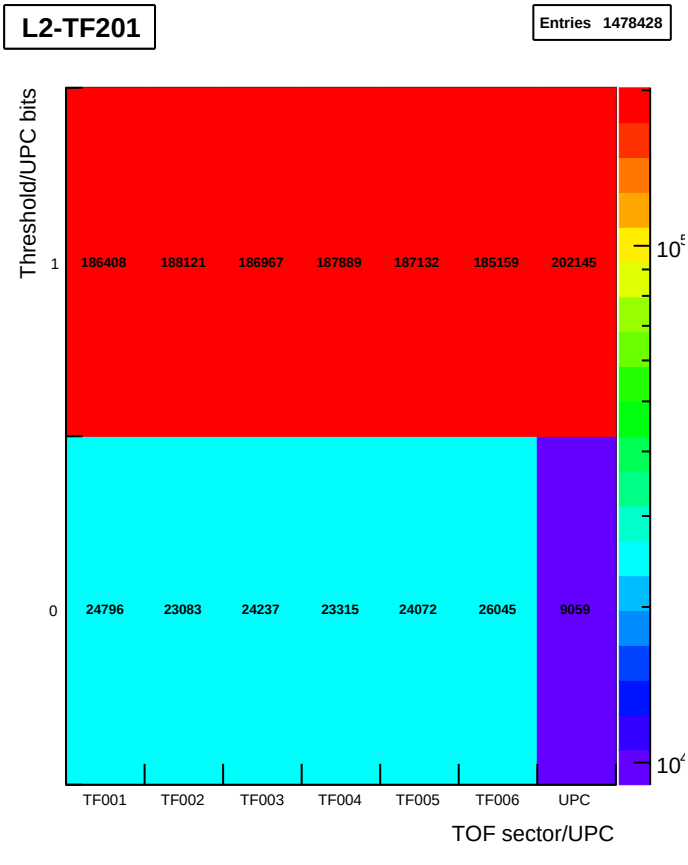

MIX-TF101
Entries 65841
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

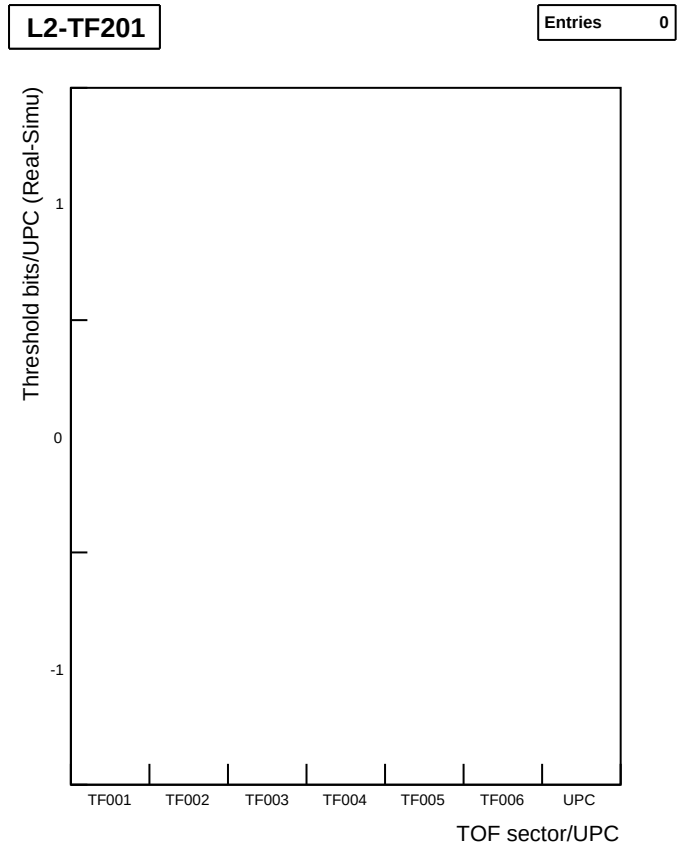

MIX-TF101
Entries 1267224
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

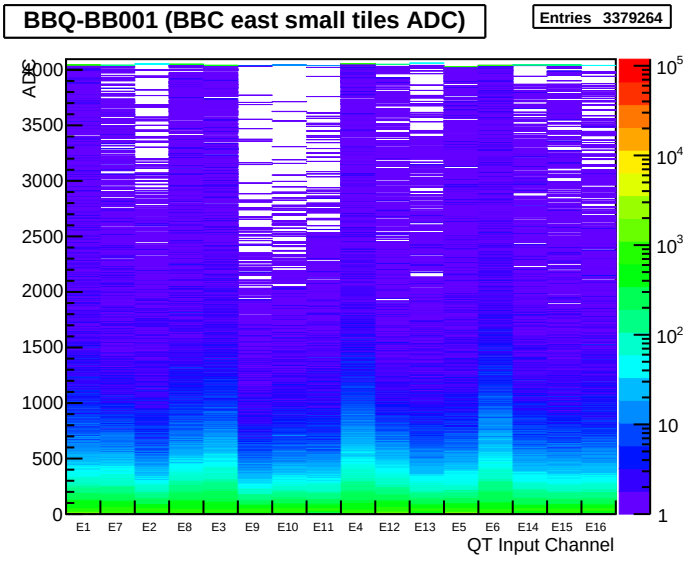

MIX-TF101
Entries 133062
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

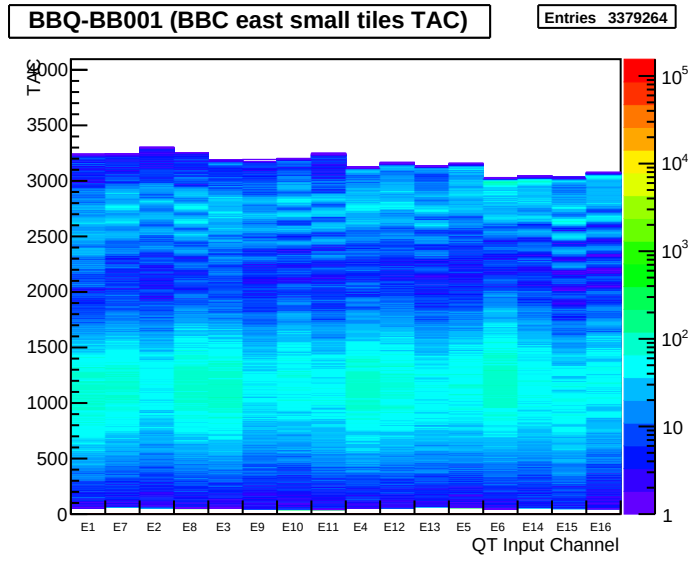

L2-TF201
Entries 211204
TOF total mult

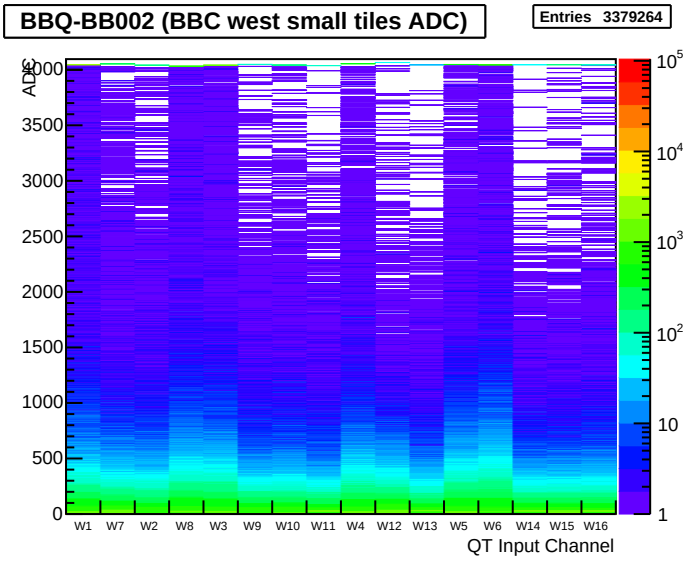

L2-TF201
Entries 0
TOF total mult(Real-Simu)

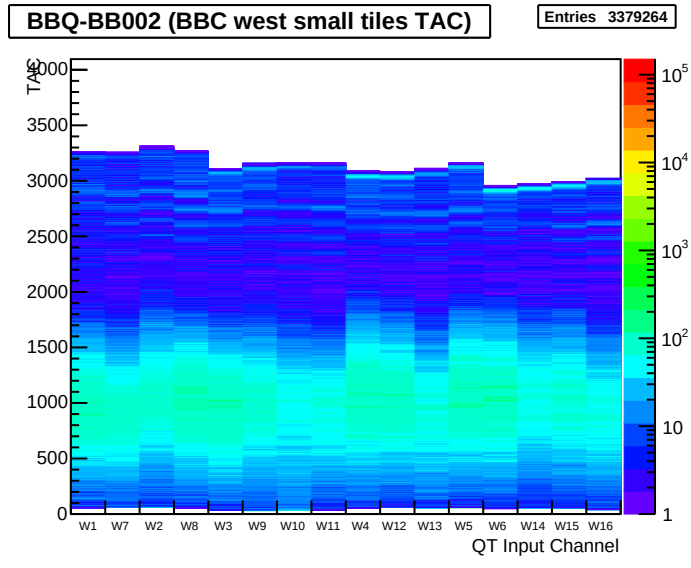

L2-TF201
Entries 1478428
Threshold/UPC bits
186408
188121
186967
187889
187132
185159
202145
24796
23083
24237
23315
24072
26045
9059
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

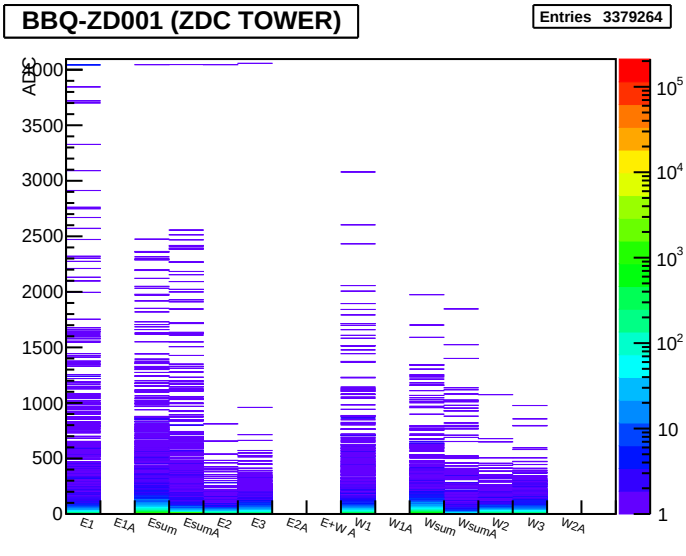

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

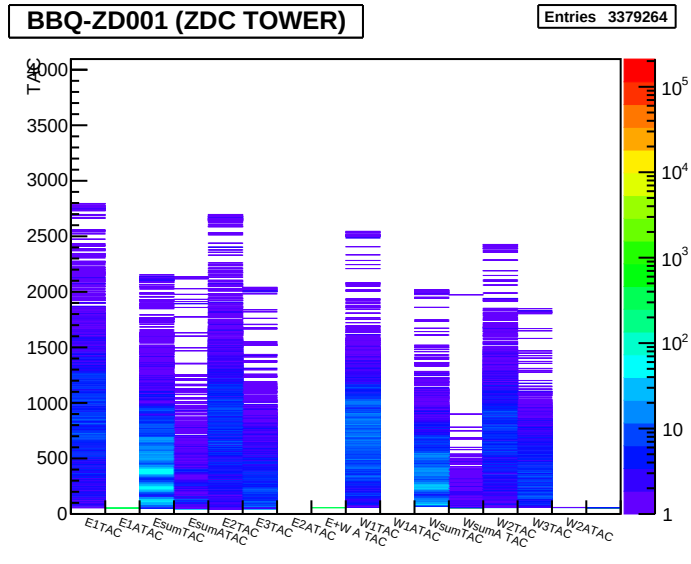

BBQ-BB001 (BBC east small tiles ADC)
Entries 3379264
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

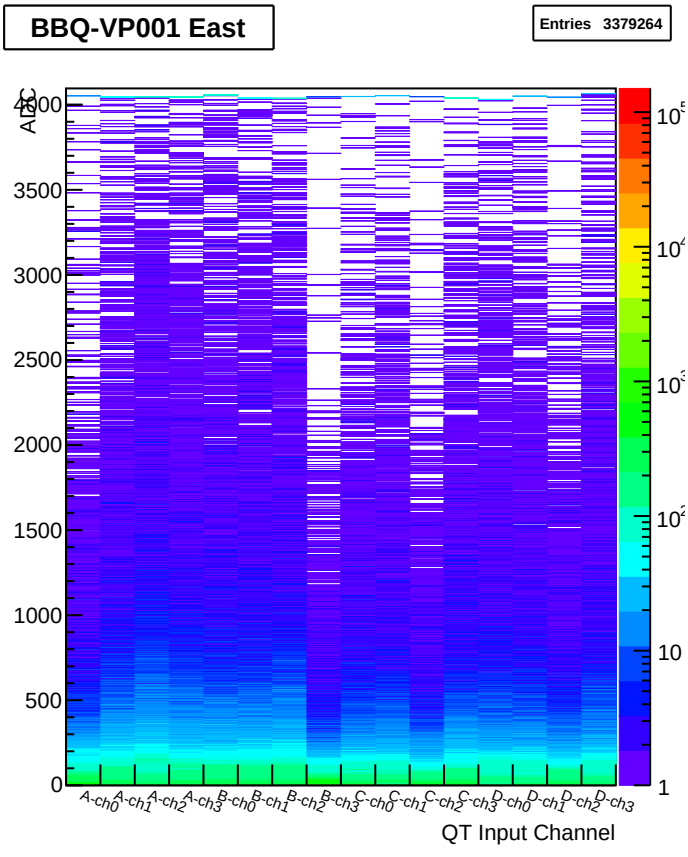

BBQ-BB001 (BBC east small tiles TAC)
Entries 3379264
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

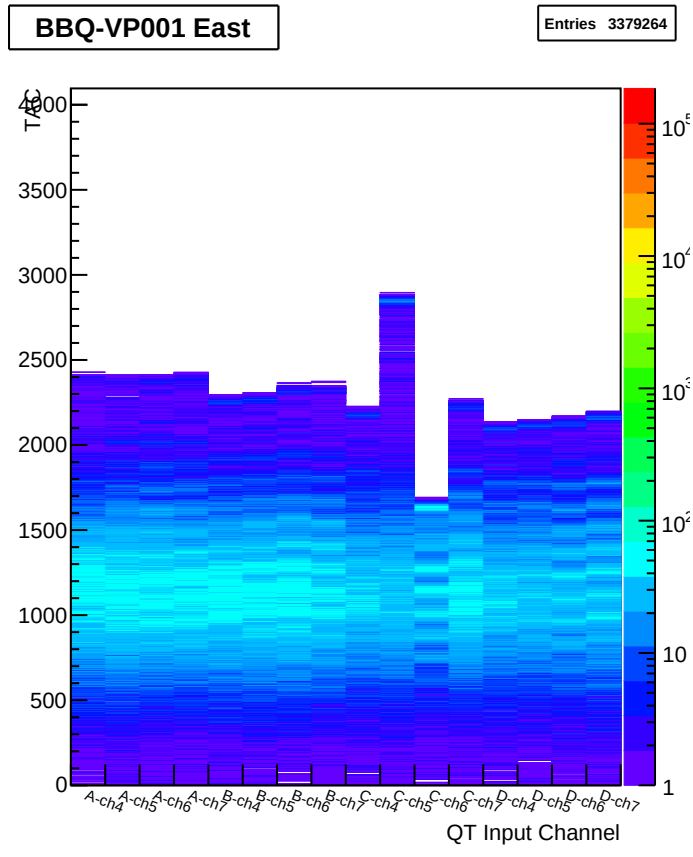

BBQ-BB002 (BBC west small tiles ADC)
Entries 3379264
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

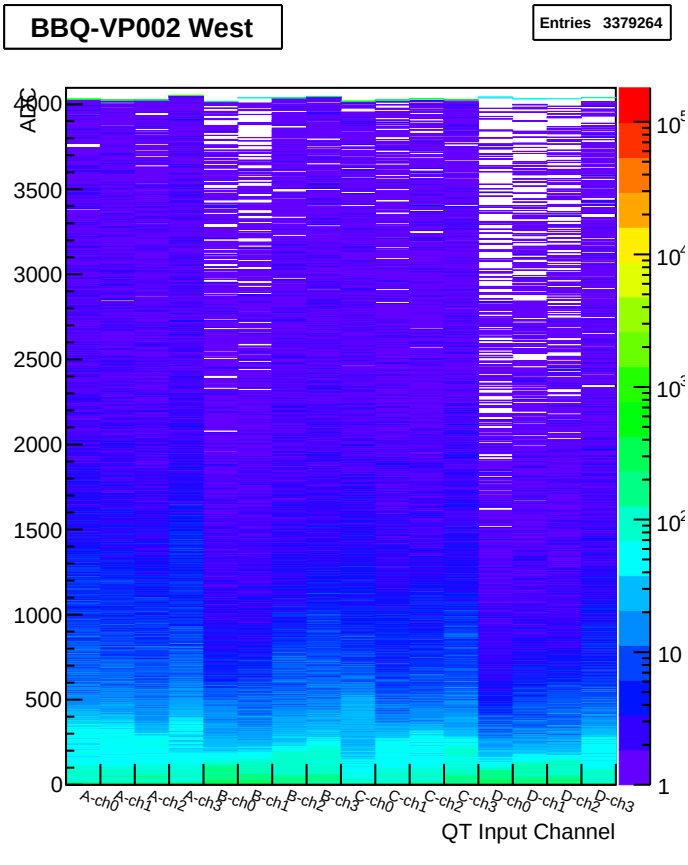

BBQ-BB002 (BBC west small tiles TAC)
Entries 3379264
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

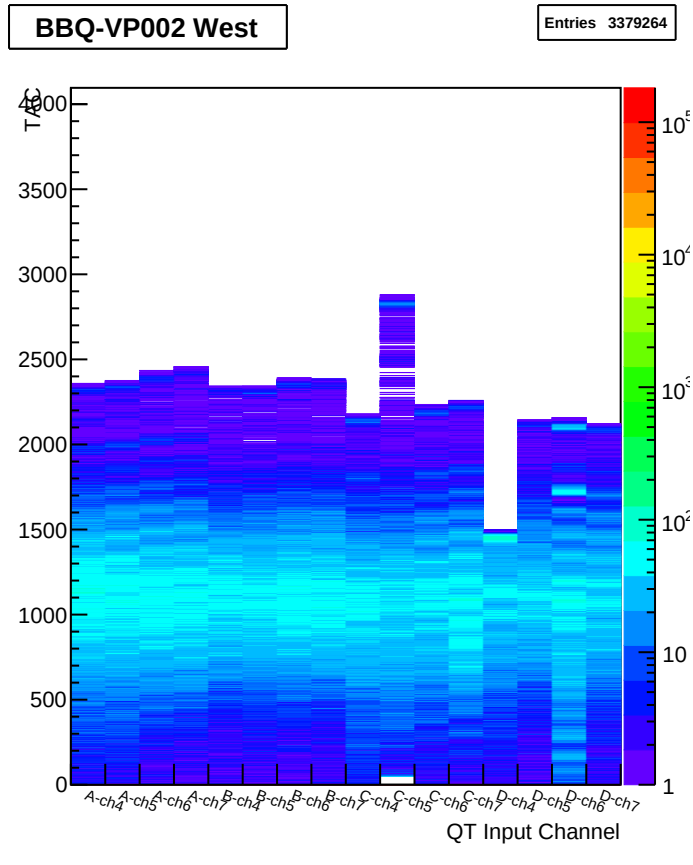

BBQ-ZD001 (ZDC TOWER)
Entries 3379264
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

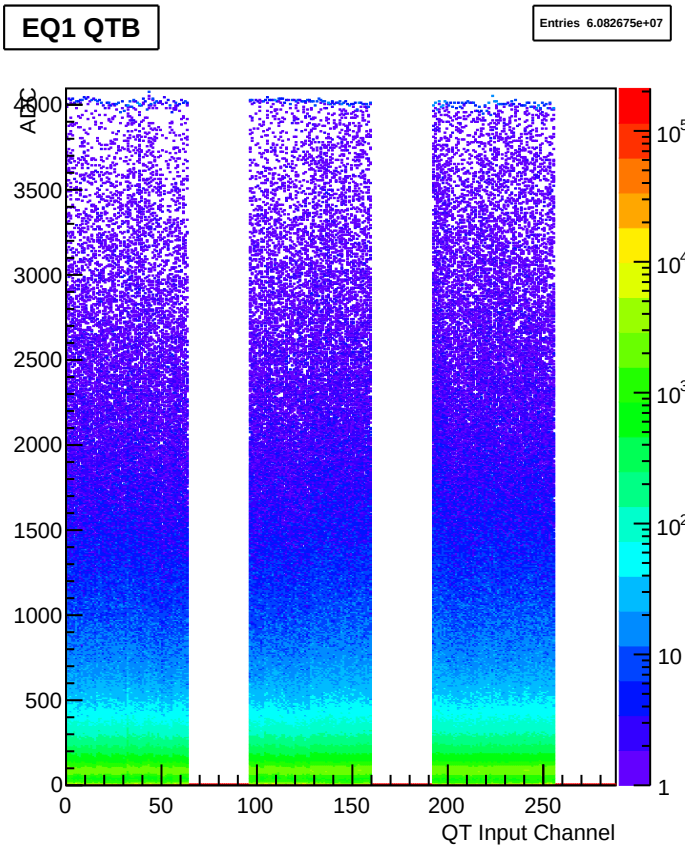

BBQ-ZD001 (ZDC TOWER)
Entries 3379264
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

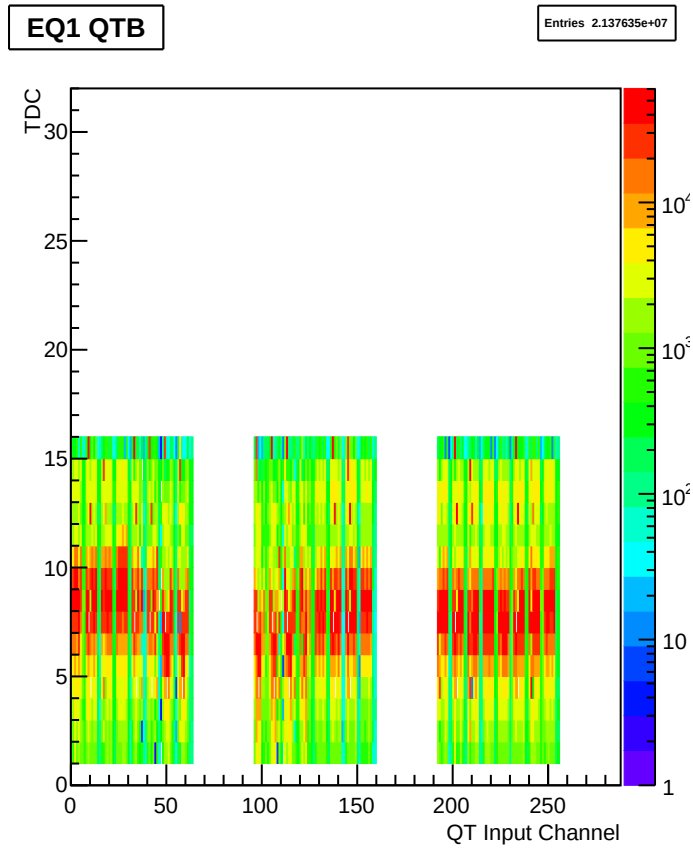

BBQ-VP001 East
Entries 3379264
ADC
QT Input Channel

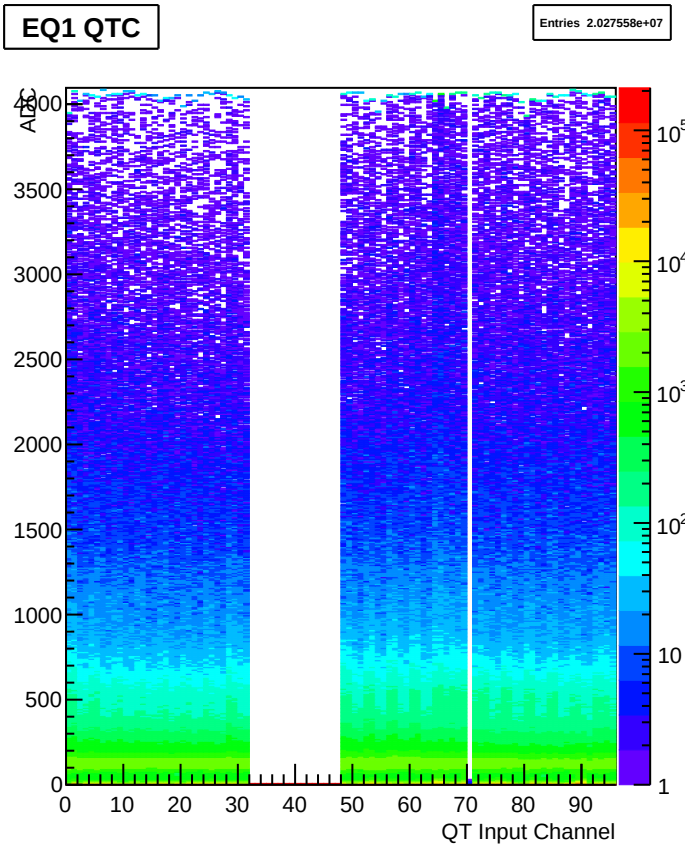

BBQ-VP001 East
Entries 3379264
ADC
QT Input Channel

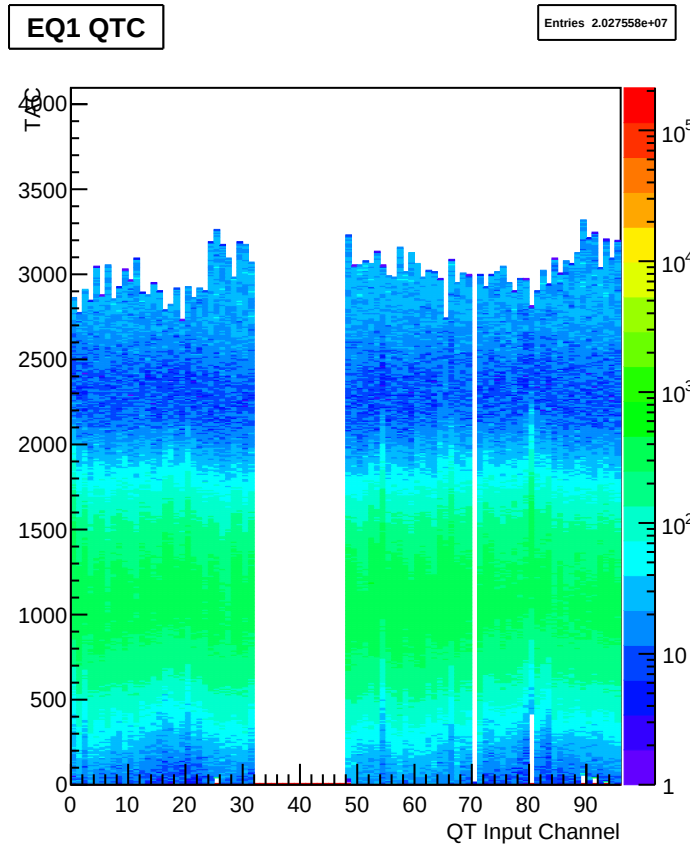

BBQ-VP002 West
Entries 3379264
ADC
QT Input Channel

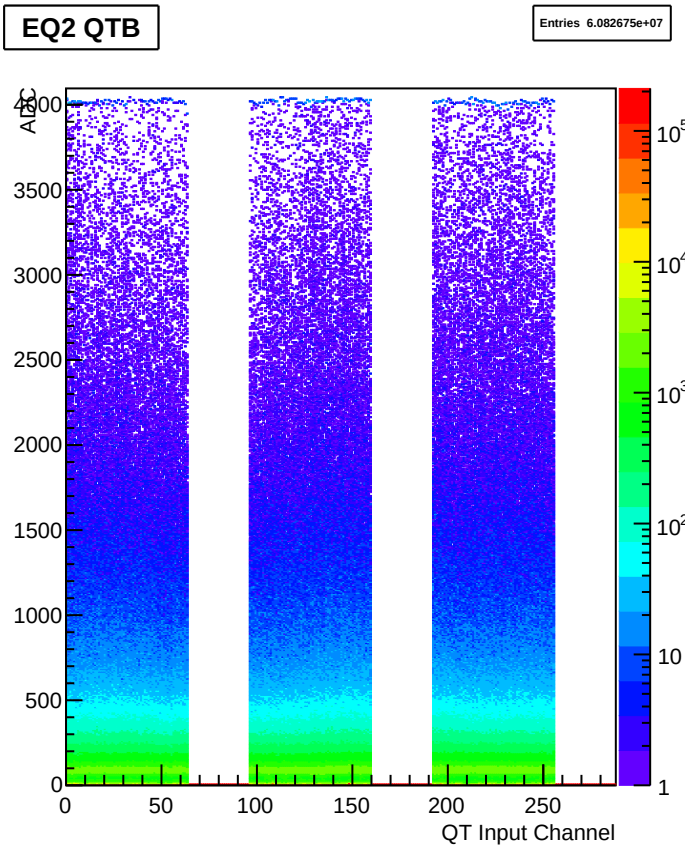

BBQ-VP002 West
Entries 3379264
ADC
QT Input Channel

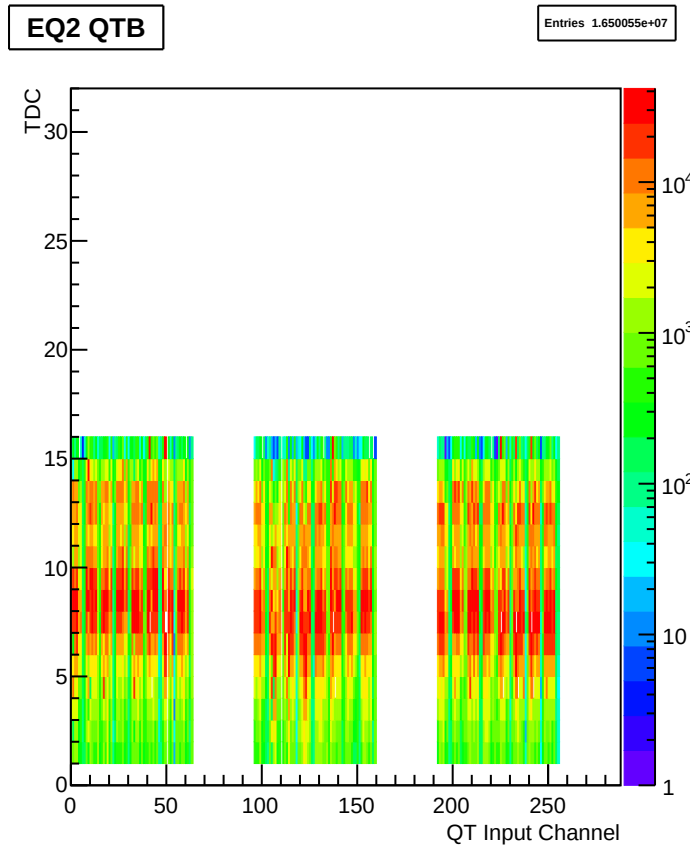

EQ1 QTB
Entries 6.082675e+07
ADC
QT Input Channel

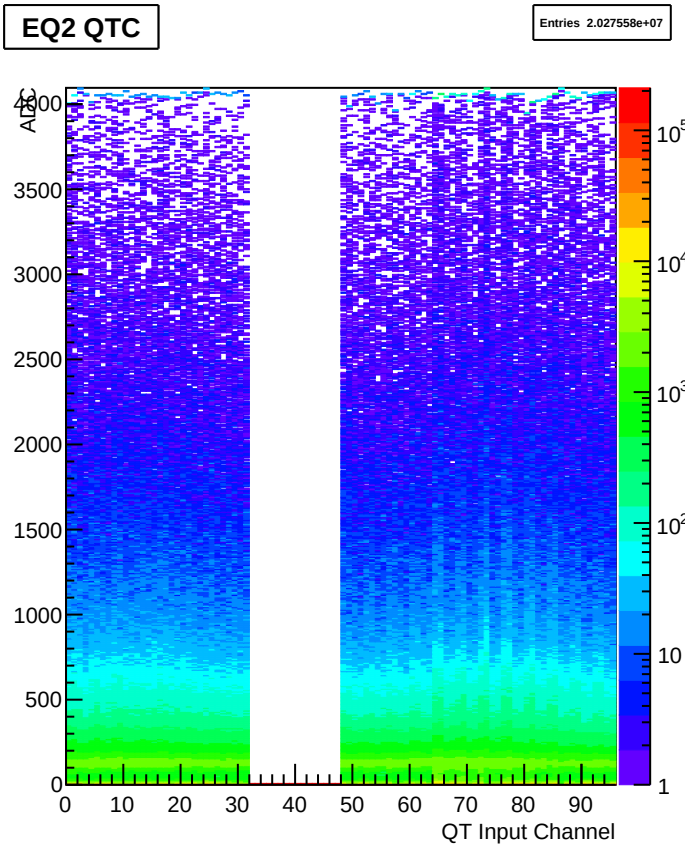

EQ1 QTB
Entries 2.137635e+07
TDC
QT Input Channel

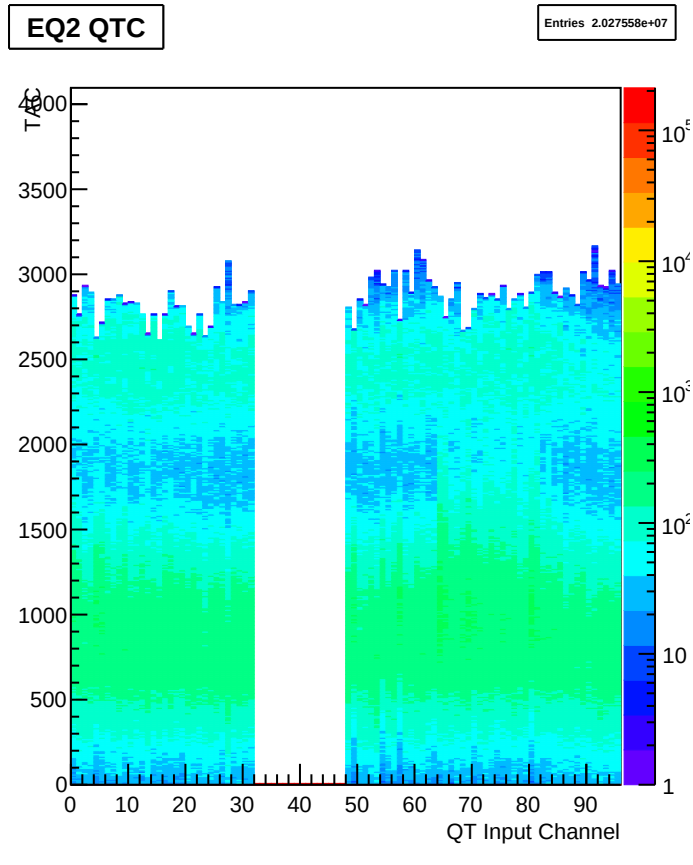

EQ1 QTC
Entries 2.027558e+07
ADC
QT Input Channel

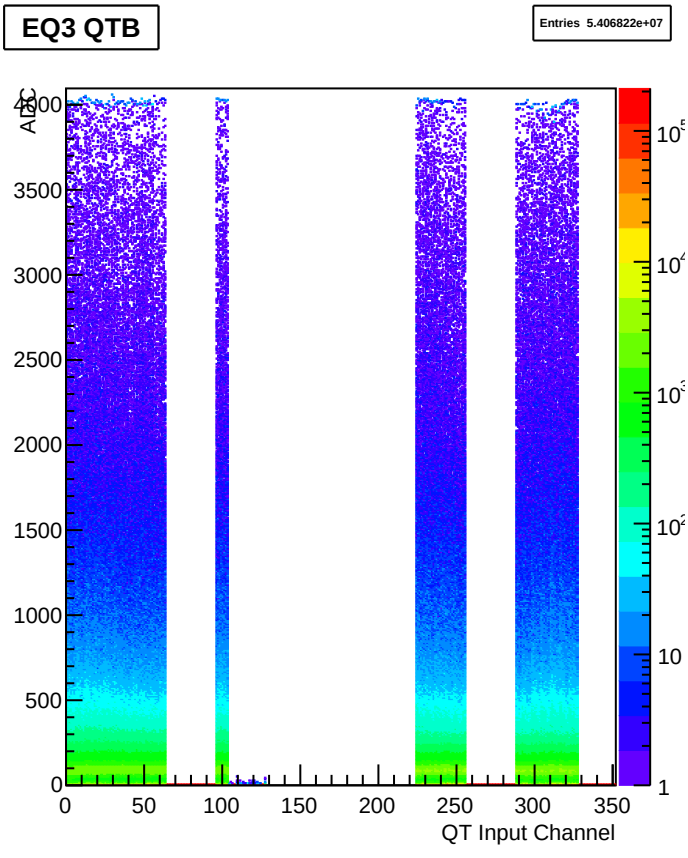

EQ1 QTC
Entries 2.027558e+07
TADC
QT Input Channel

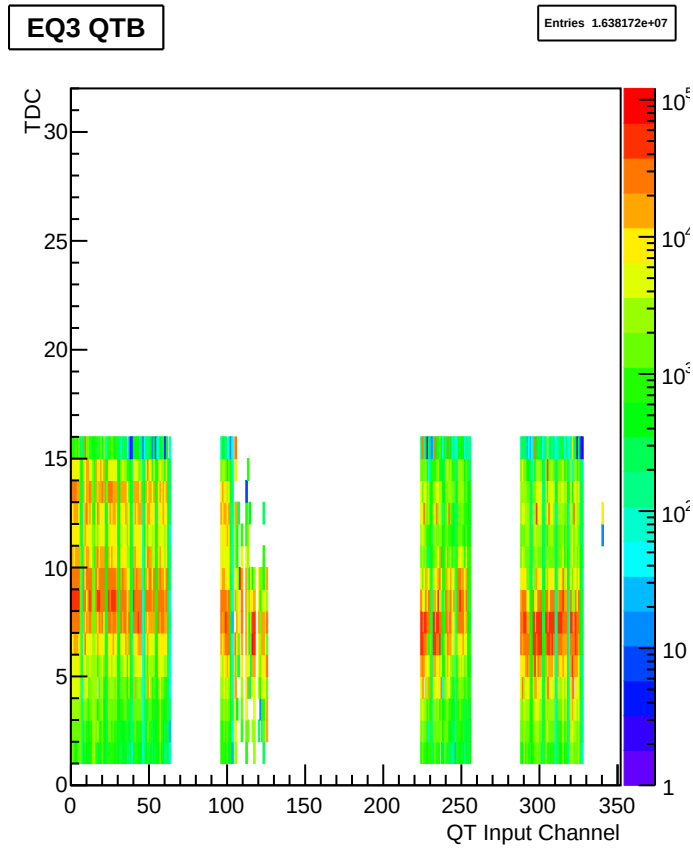

EQ2 QTB
Entries 6.082675e+07
ADC
QT Input Channel

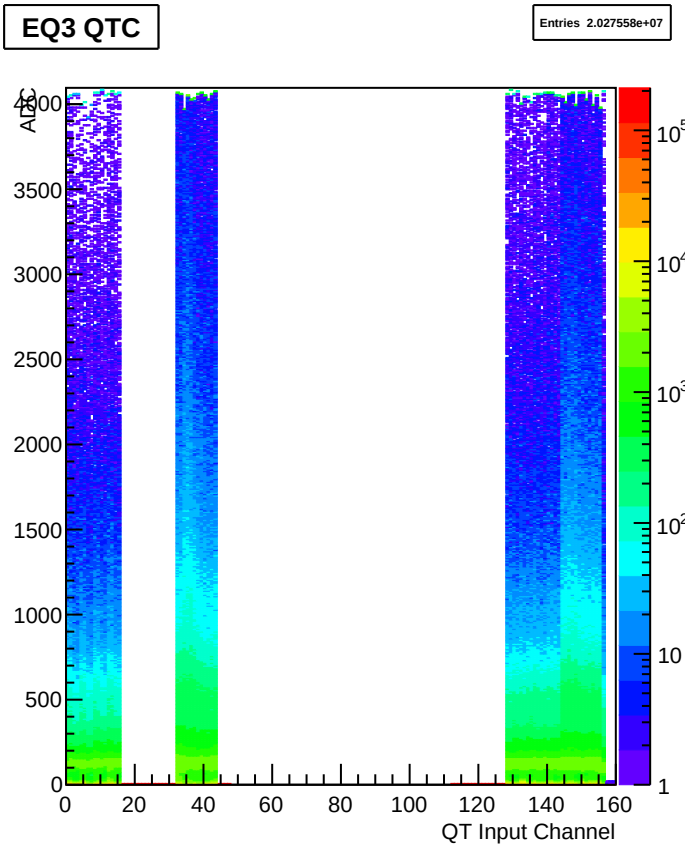

EQ2 QTB
Entries 1.650055e+07
TDC
QT Input Channel

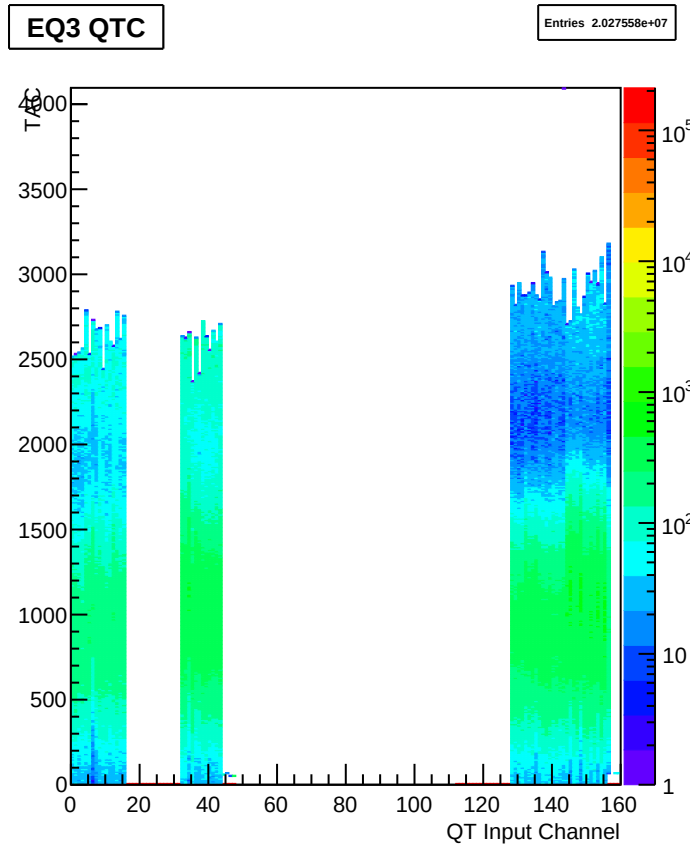

EQ2 QTC
Entries 2.027558e+07
ADC
QT Input Channel

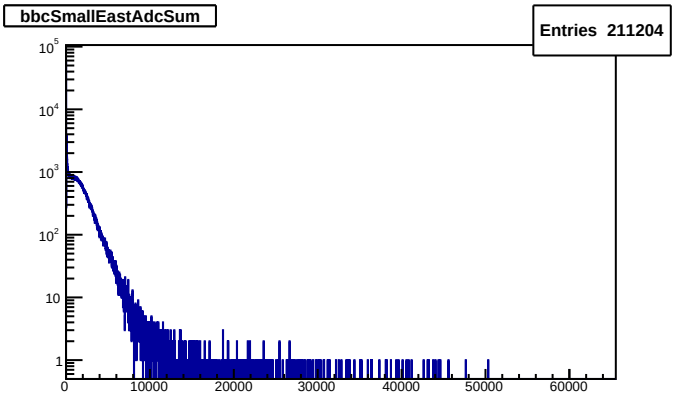

EQ2 QTC
Entries 2.027558e+07
TADC
QT Input Channel

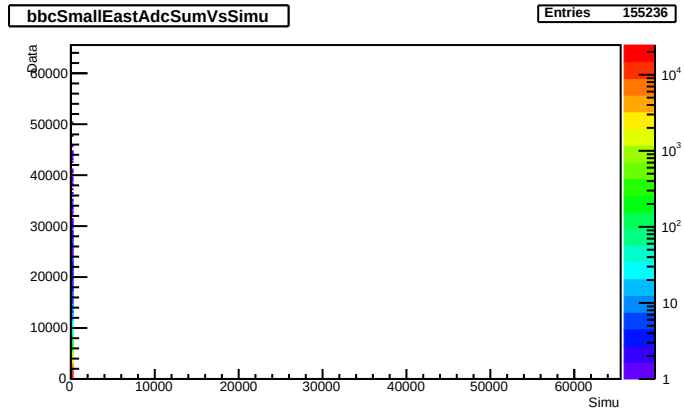

EQ3 QTB
Entries 5.406822e+07
ADC
QT Input Channel

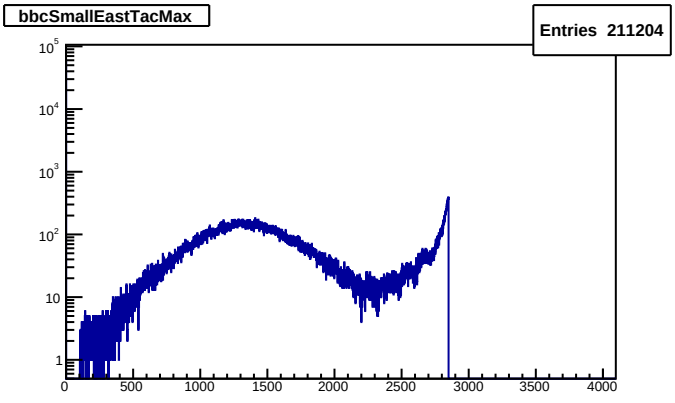

EQ3 QTB
Entries 1.638172e+07
TDC
QT Input Channel

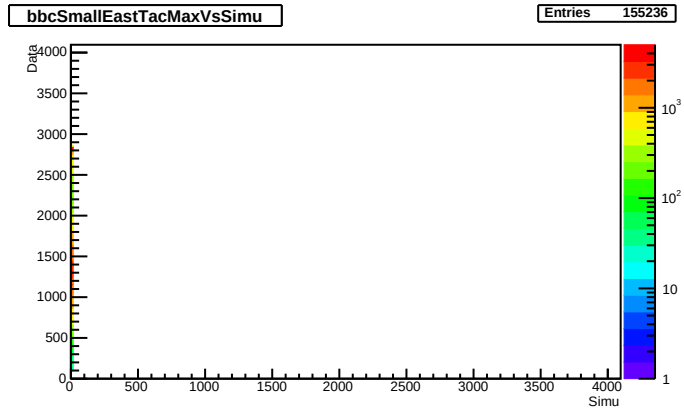

EQ3 QTC
Entries 2.027558e+07
ADC
QT Input Channel

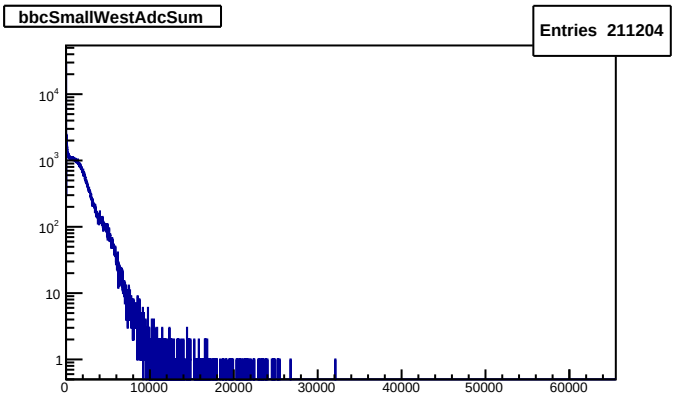

EQ3 QTC
Entries 2.027558e+07
TADC
QT Input Channel

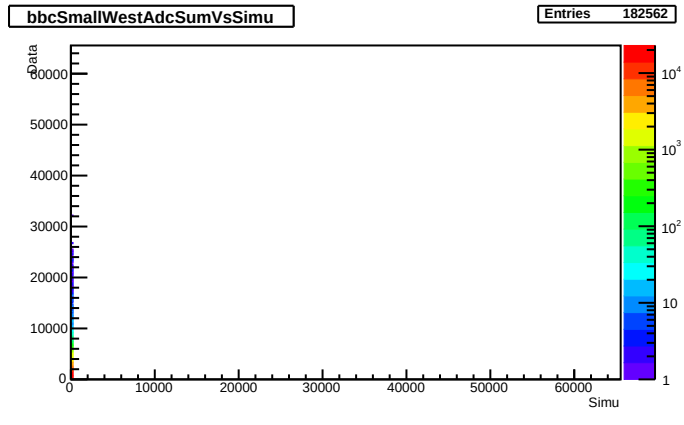

bbcSmallEastAdcSum
Entries 211204

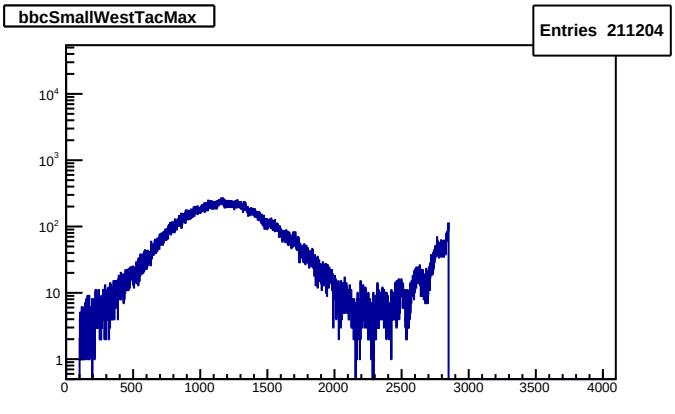

bbcSmallEastAdcSumVsSimu
Entries 155236
Data
Simu

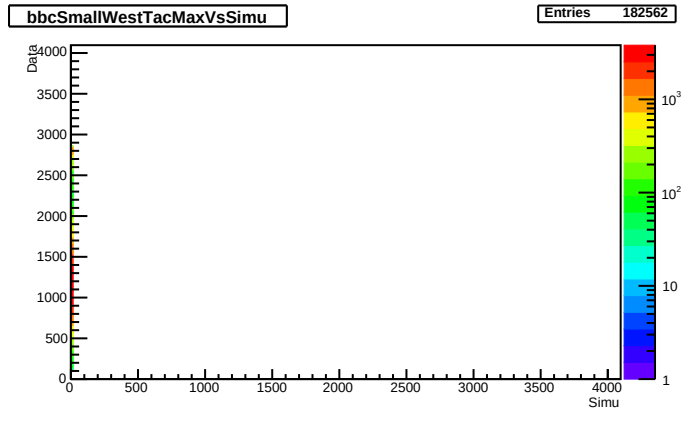

bbcSmallEastTacMax
Entries 211204

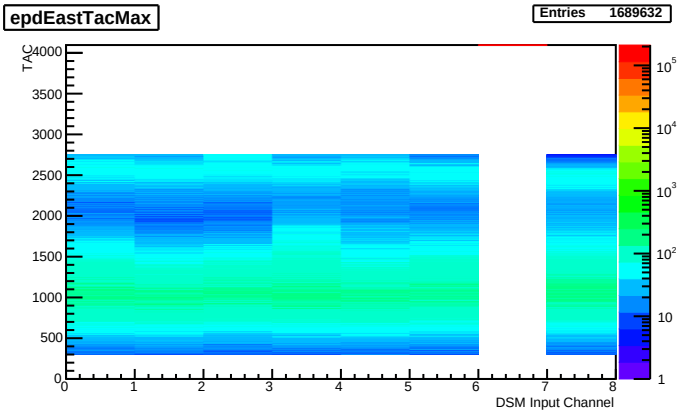

bbcSmallEastTacMaxVsSimu
Entries 155236
Data
Simu

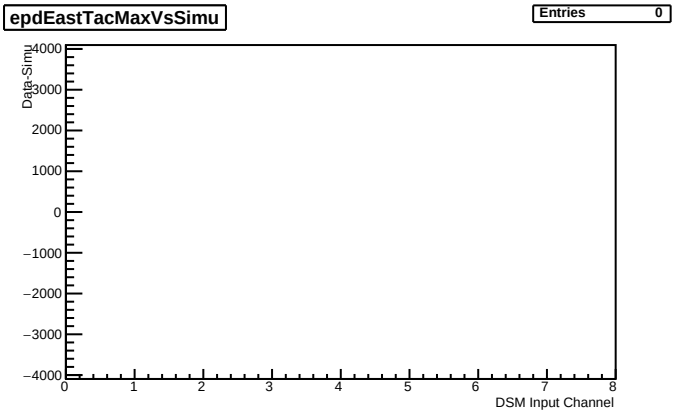

bbcSmallWestAdcSum
Entries 211204

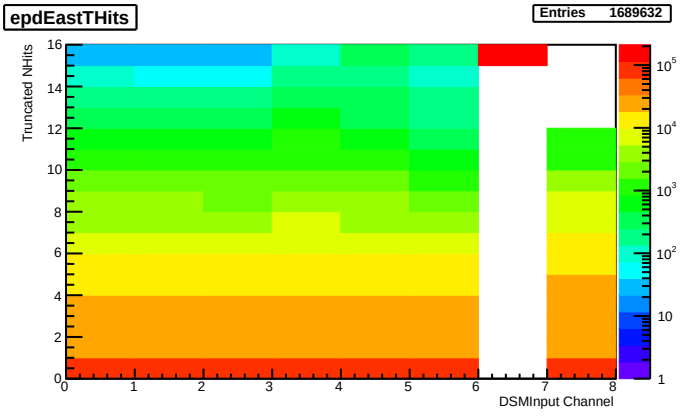

bbcSmallWestAdcSumVsSimu
Entries 182562
Data
Simu

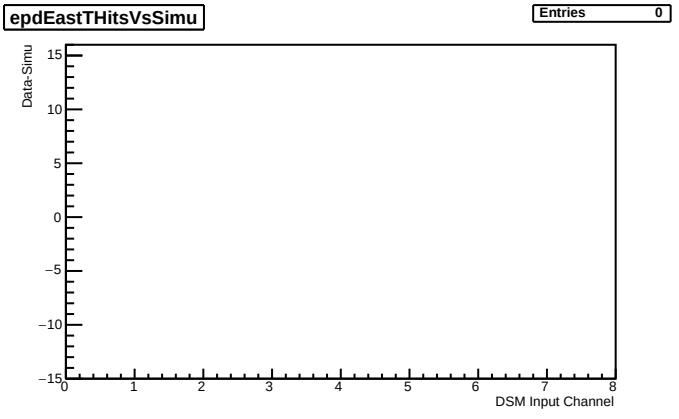

bbcSmallWestTacMax
Entries 211204

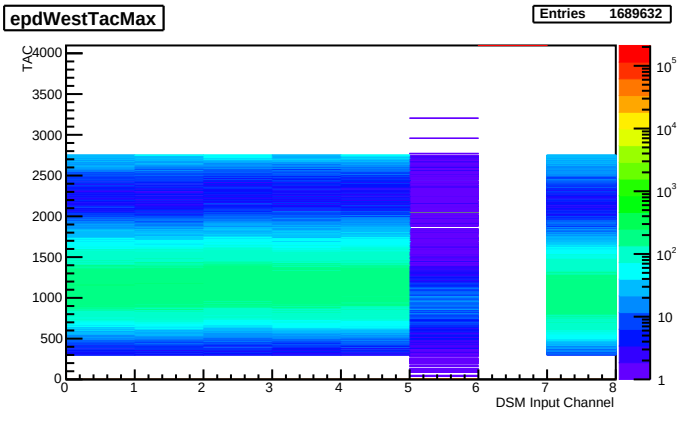

bbcSmallWestTacMaxVsSimu
Entries 182562
Data
Simu

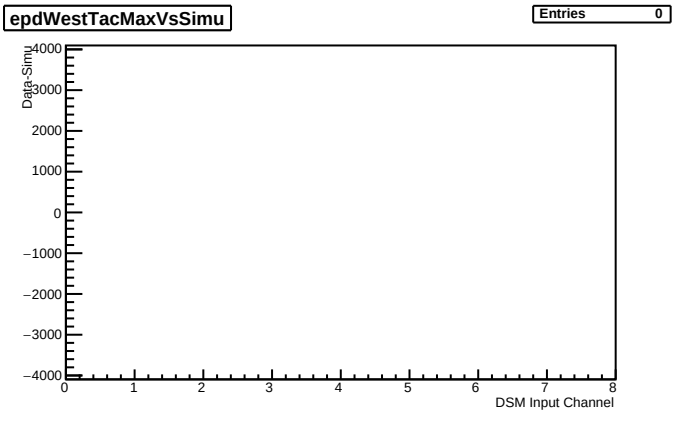

epdEastTacMax
Entries 1689632
TAC
DSM Input Channel

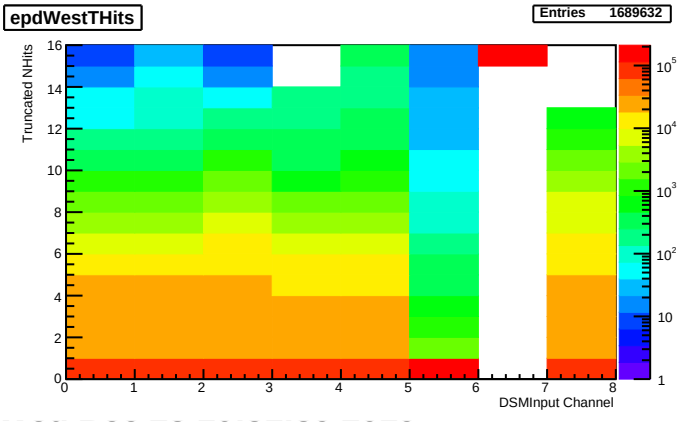

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

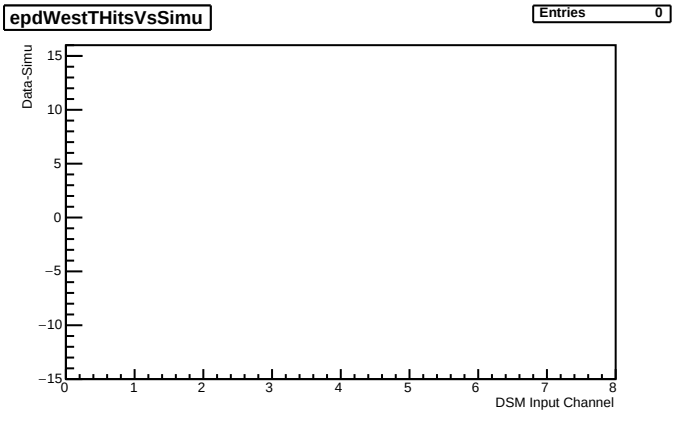

epdEastTHits
Entries 1689632
Truncated NHits
DSMInput Channel

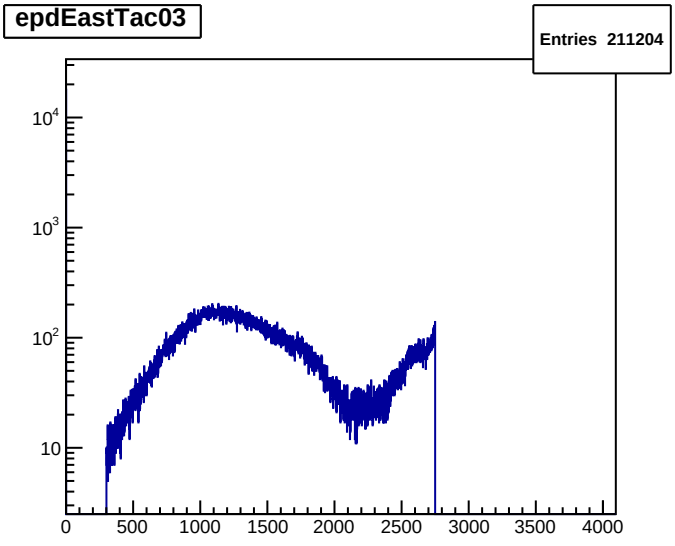

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

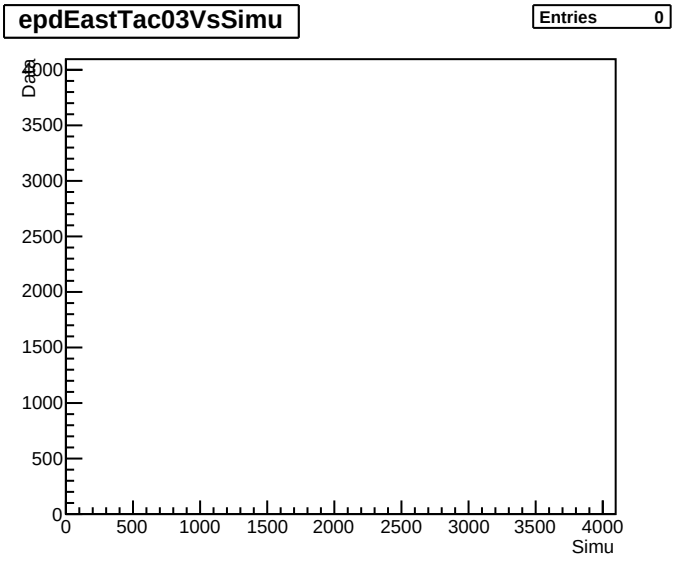

epdWestTacMax
Entries 1689632
TAC
DSM Input Channel

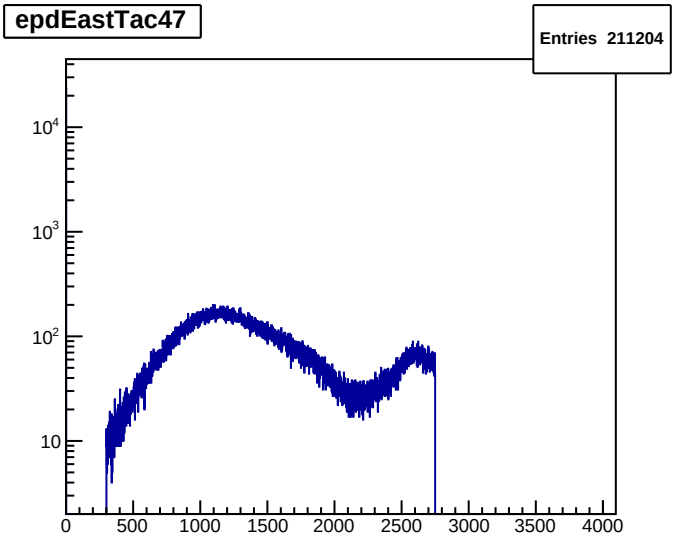

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

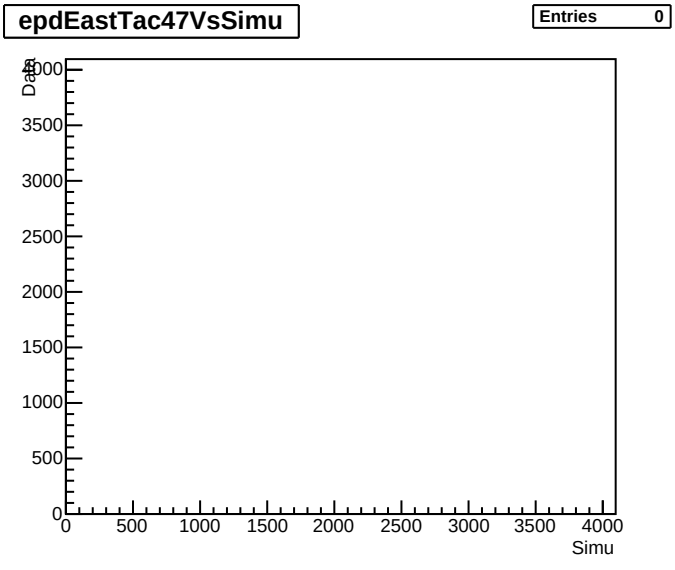

epdWestTHits
Entries 1689632
Truncated NHits
DSMInput Channel

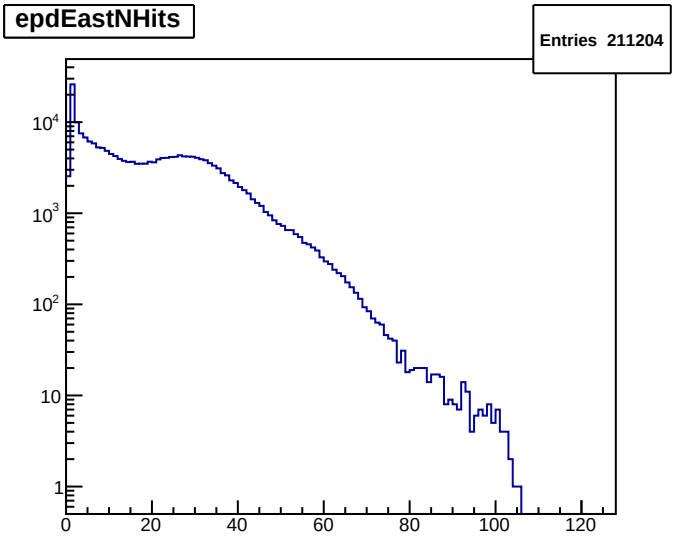

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

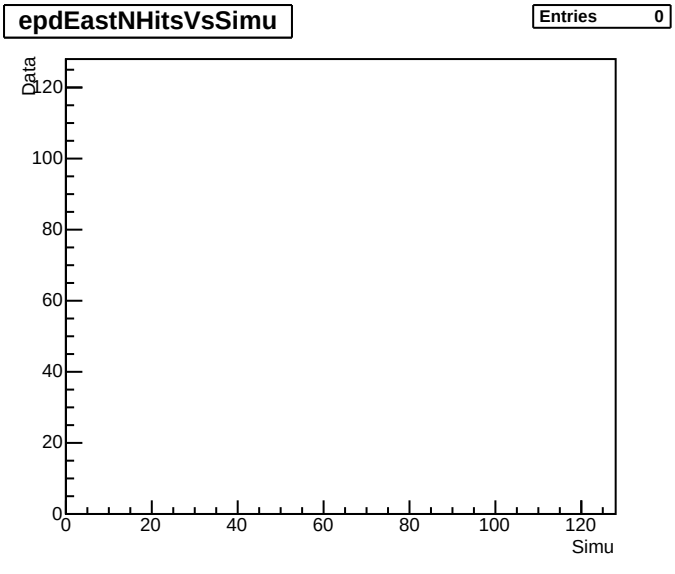

epdEastTac03
Entries 211204

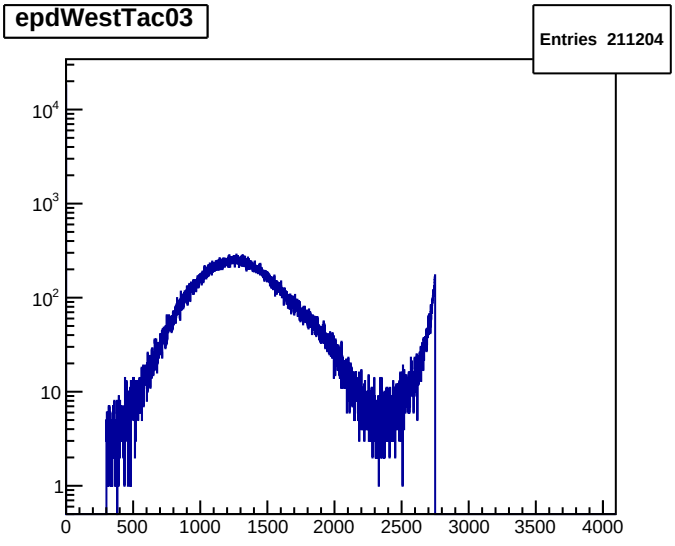

epdEastTac03VsSimu
Entries 0
Data
Simu

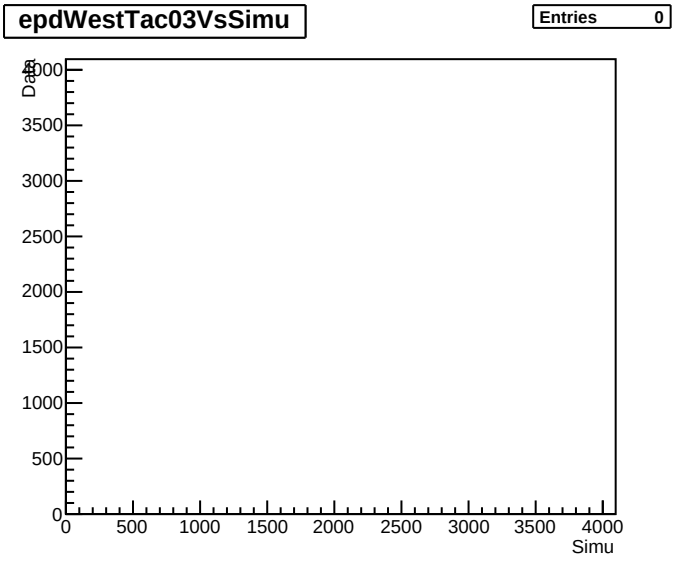

epdEastTac47
Entries 211204

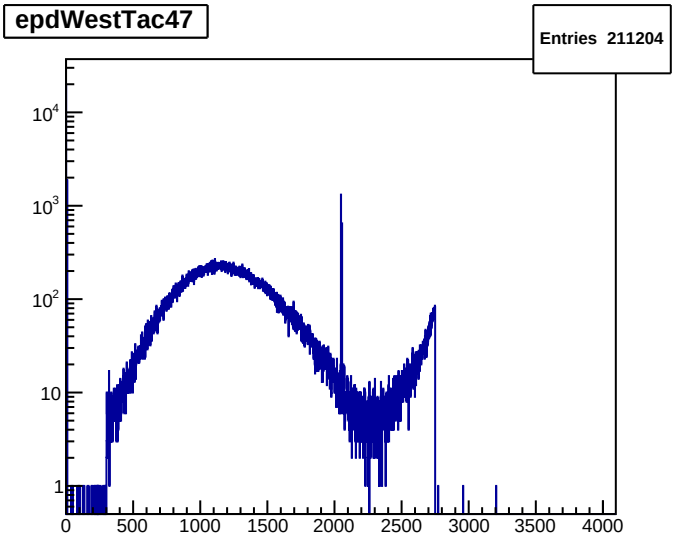

epdEastTac47VsSimu
Entries 0
Data
Simu

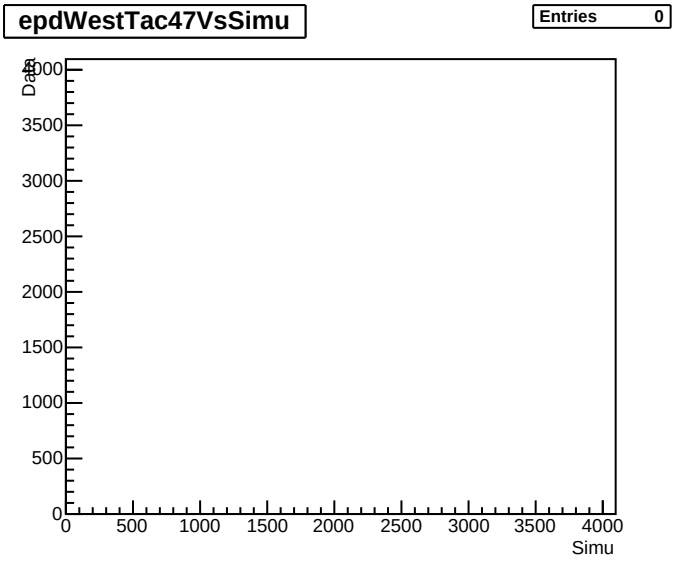

epdEastNHits
Entries 211204


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 211204


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 211204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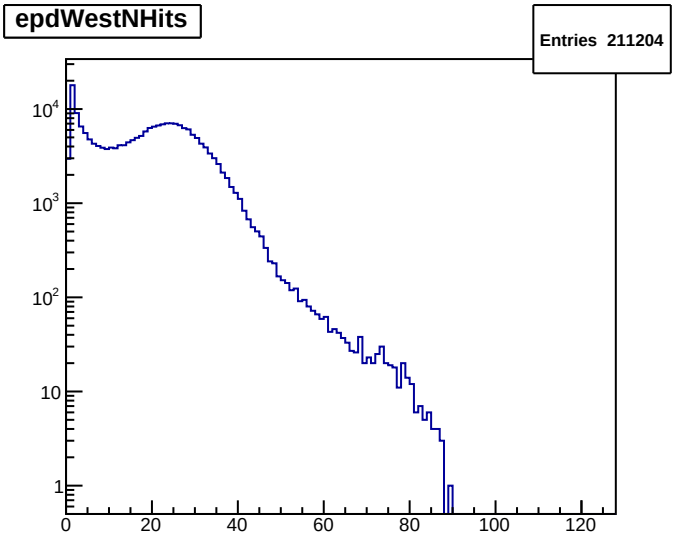
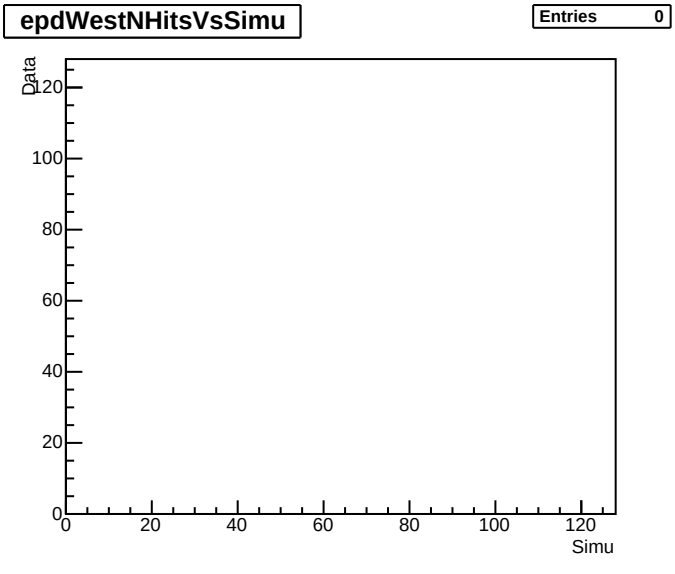
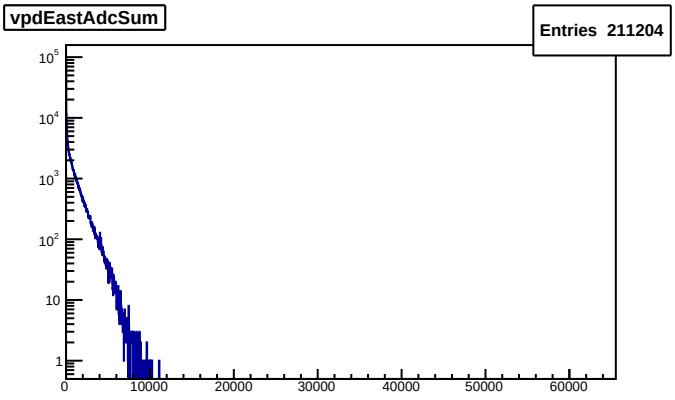
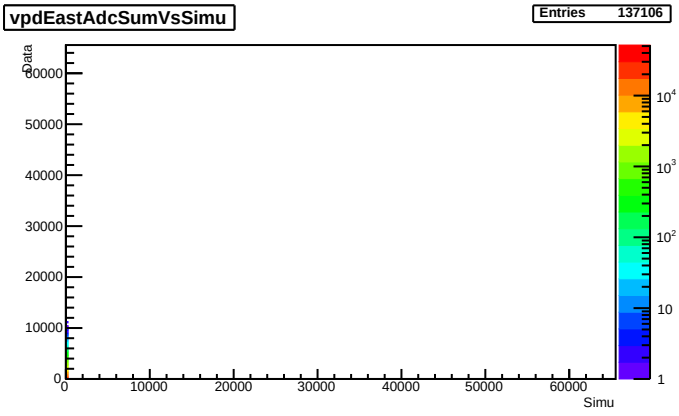
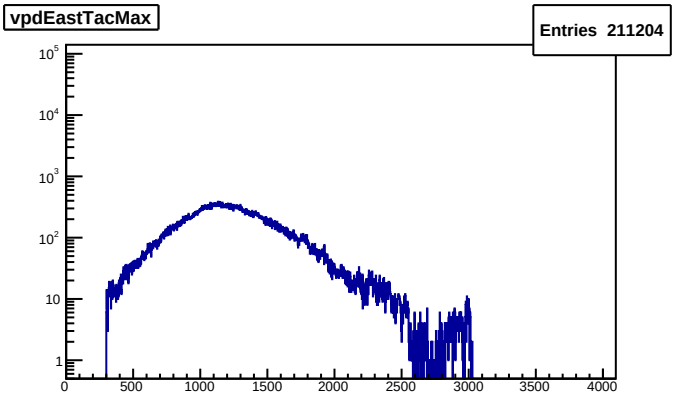
Entries 0
Data
Simu

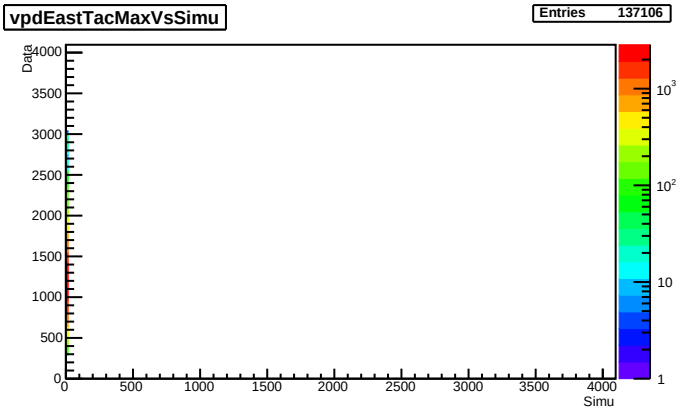

epdWestNHits
Entries 211204

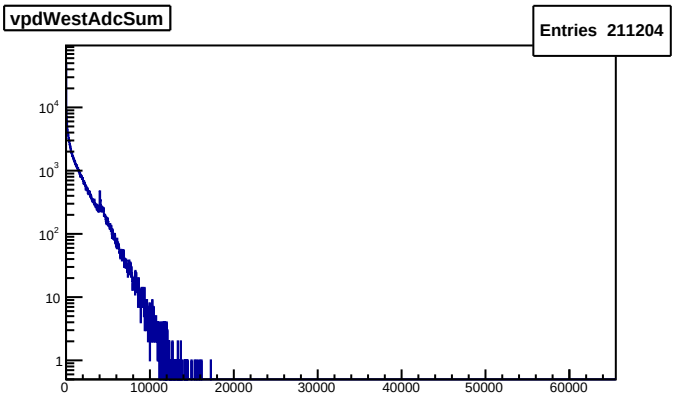

epdWestNHitsVsSimu
Entries 0
Data
Simu

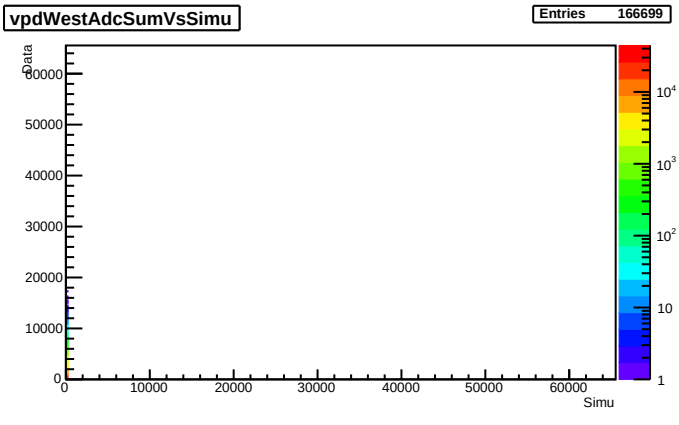

vpdEastAdcSum
Entries 211204

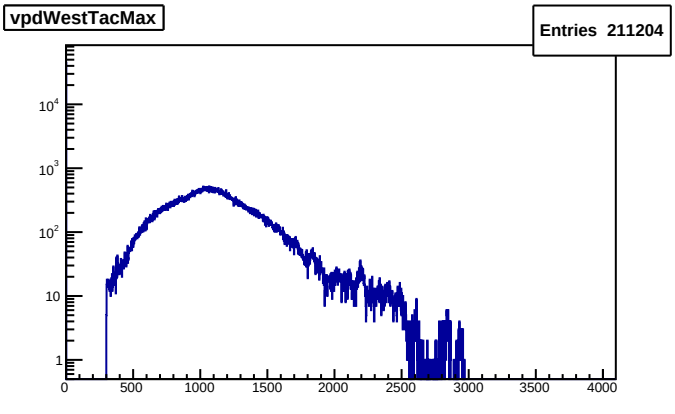

vpdEastAdcSumVsSimu
Entries 137106
Data
Simu

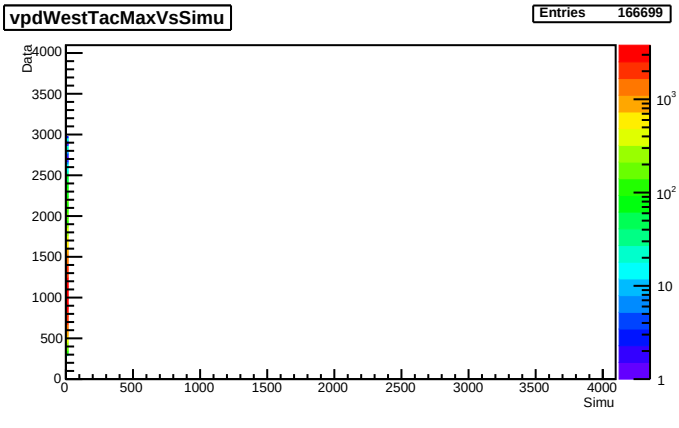

vpdEastTacMax
Entries 211204

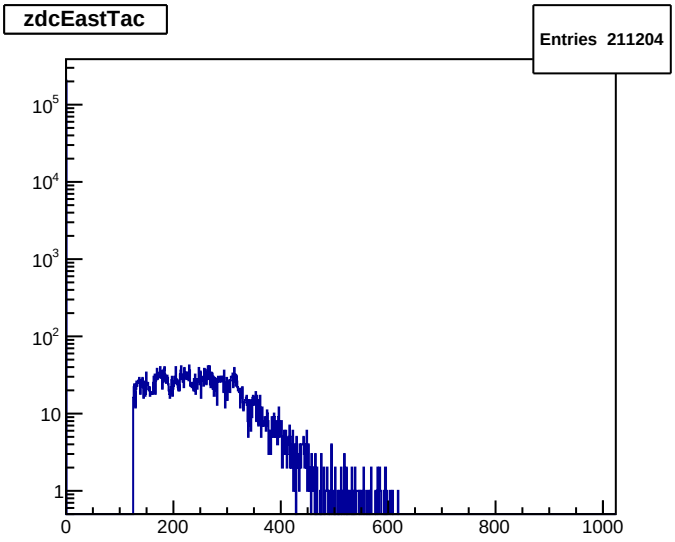

vpdEastTacMaxVsSimu
Entries 137106
Data
Simu

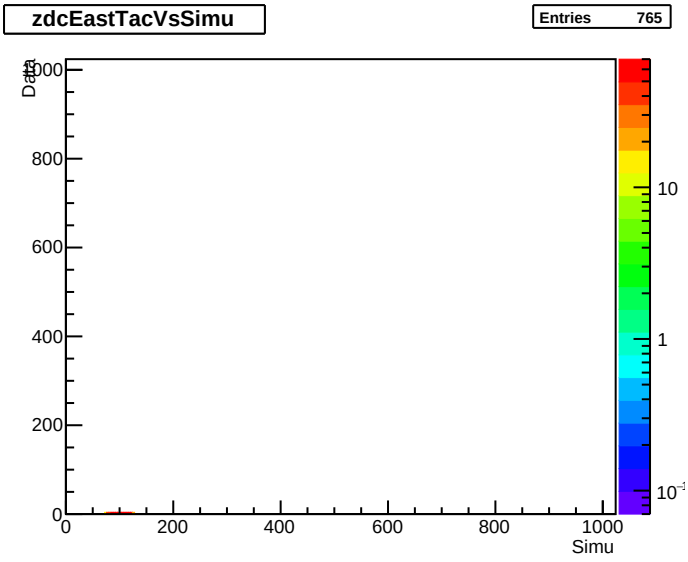

vpdWestAdcSum
Entries 211204

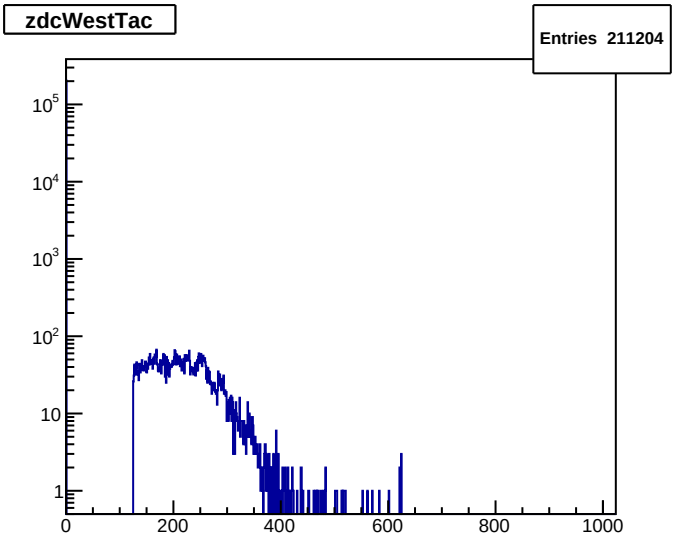

vpdWestAdcSumVsSimu
Entries 166699
Data
Simu

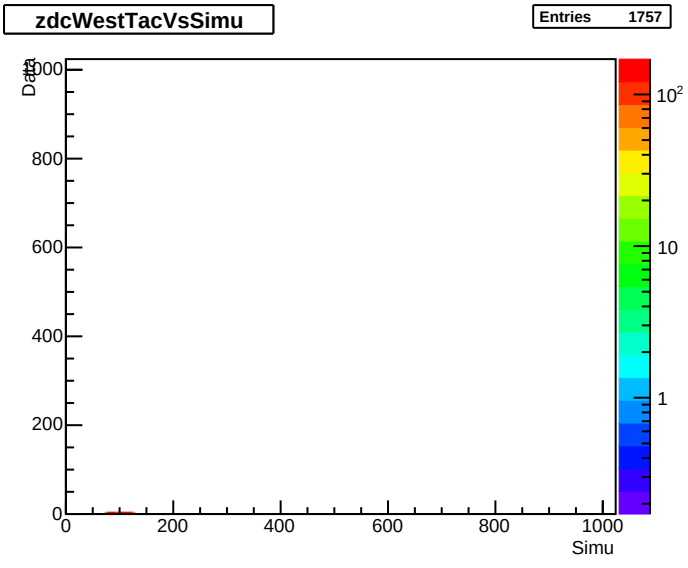

vpdWestTacMax
Entries 211204

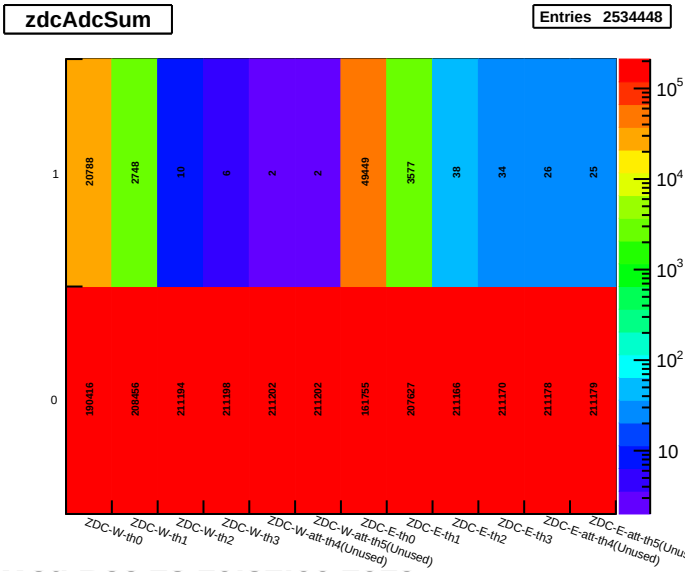

vpdWestTacMaxVsSimu
Entries 166699
Data
Simu

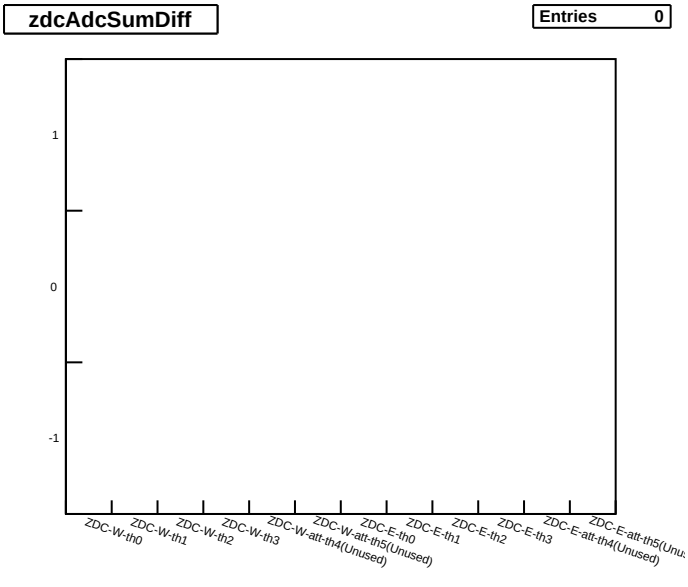

zdcEastTac
Entries 211204

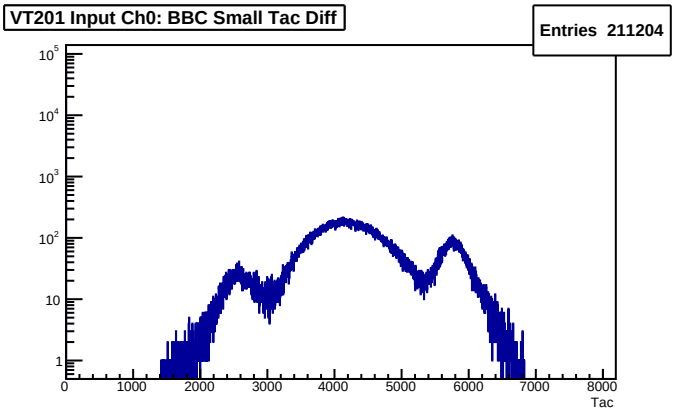

zdcEastTacVsSimu
Entries 765
Data
Simu

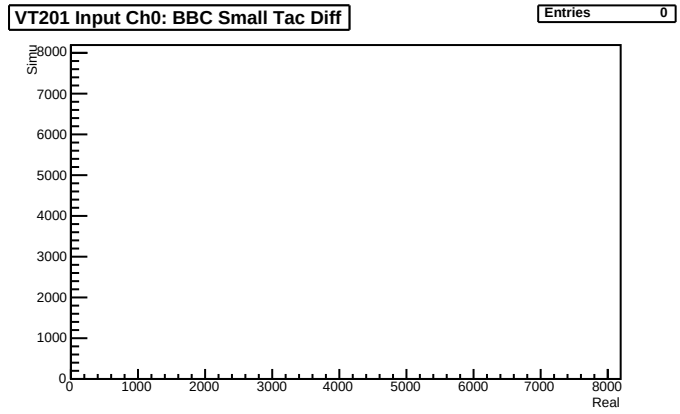

zdcWestTac
Entries 211204

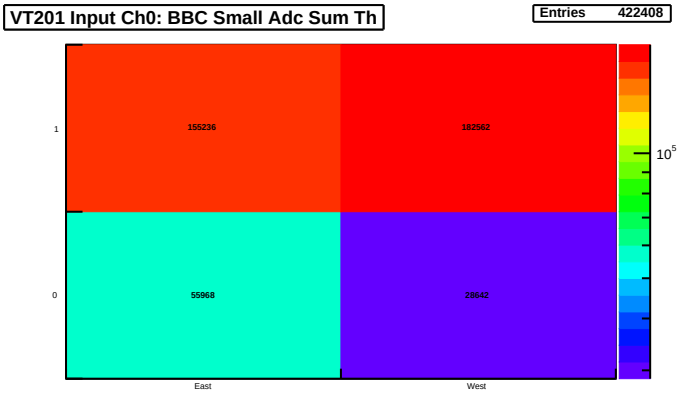

zdcWestTacVsSimu
Entries 1757
Data
Simu

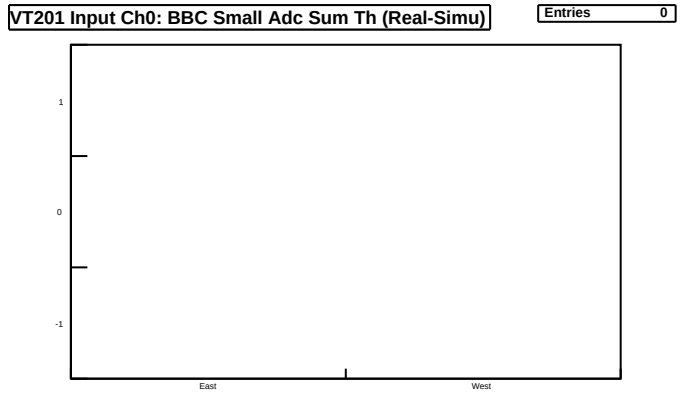

zdcAdcSum
Entries 2534448
20788
2748
10
6
2
2
49449
3577
38
34
26
25
190416
208456
211194
211198
211202
211202
161755
207627
211166
211170
211178
211179
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

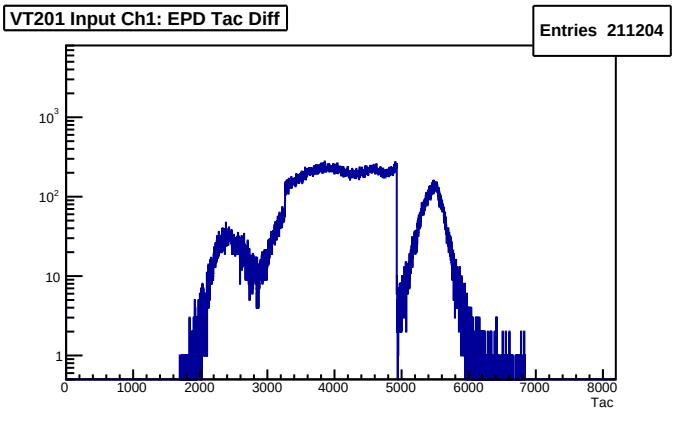

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

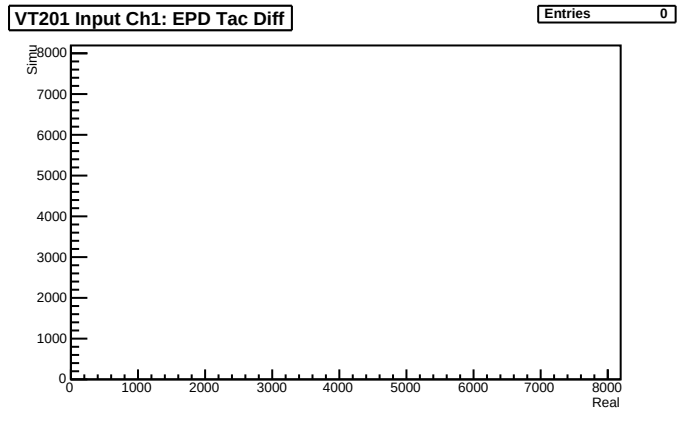

VT201 Input Ch0: BBC Small Tac Diff
Entries 211204
Tac

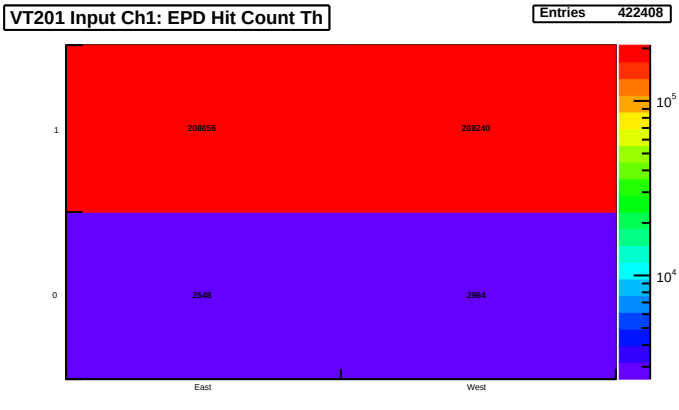

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

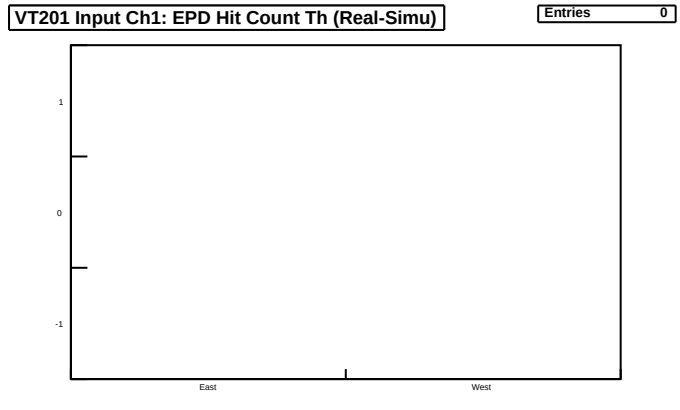

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 422408
155236
182562
55968
28642
East
West

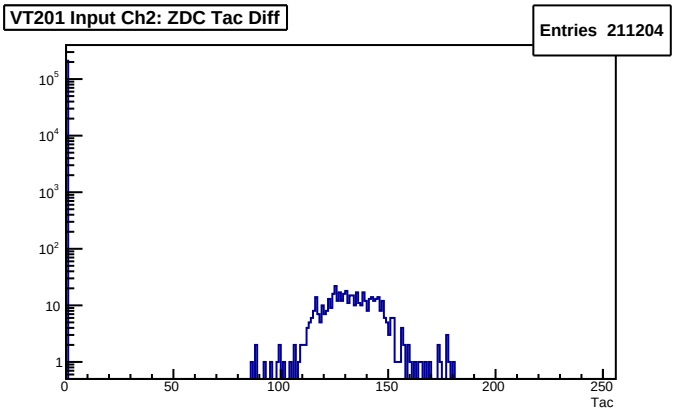

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

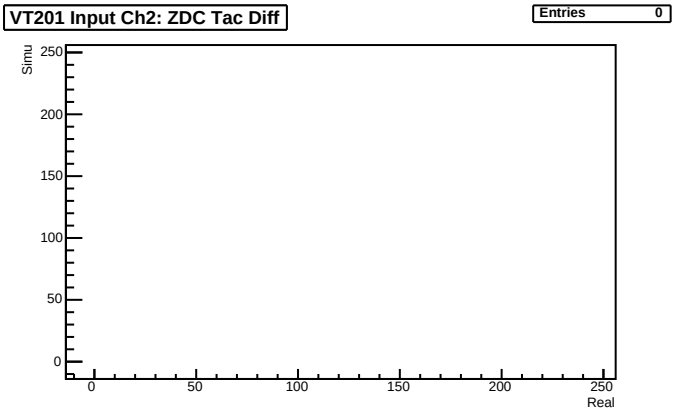

VT201 Input Ch1: EPD Tac Diff
Entries 211204
Tac

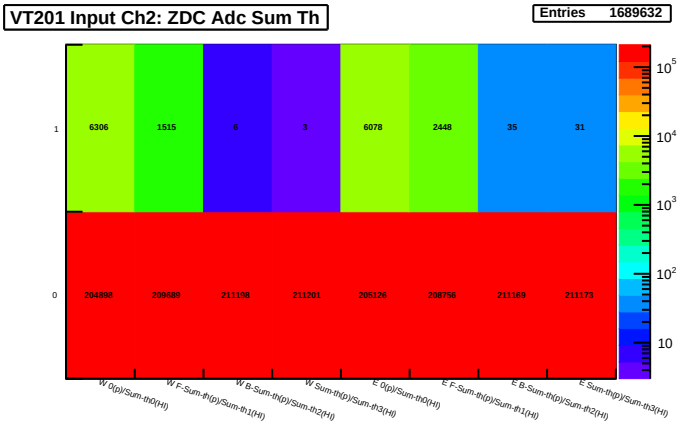

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

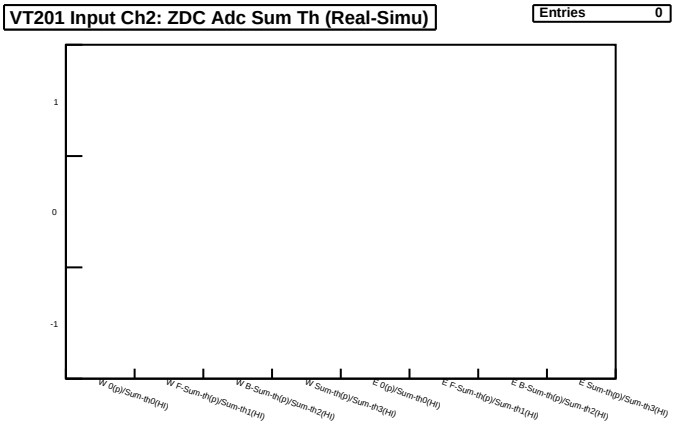

VT201 Input Ch1: EPD Hit Count Th
Entries 422408
208656
208240
2548
2964
East
West

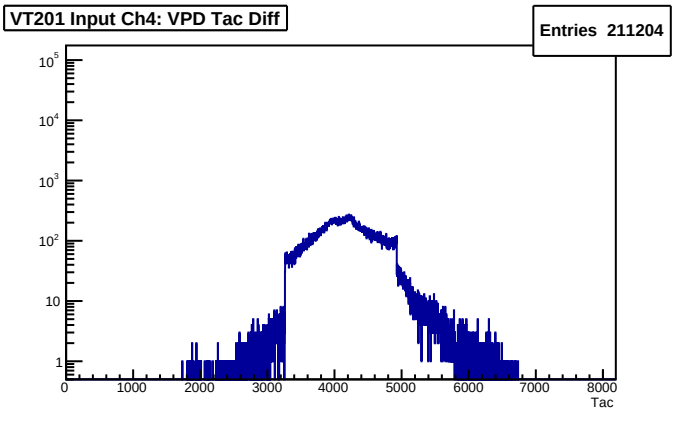

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

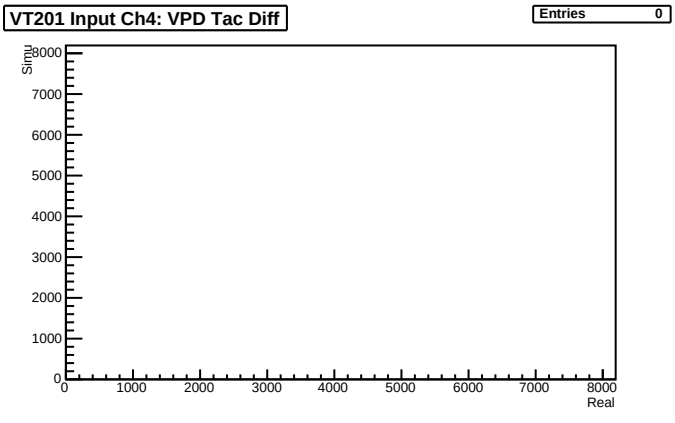

VT201 Input Ch2: ZDC Tac Diff
Entries 211204
Tac

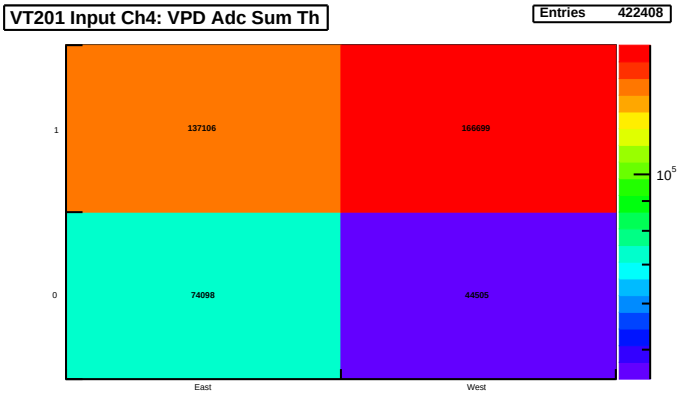

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

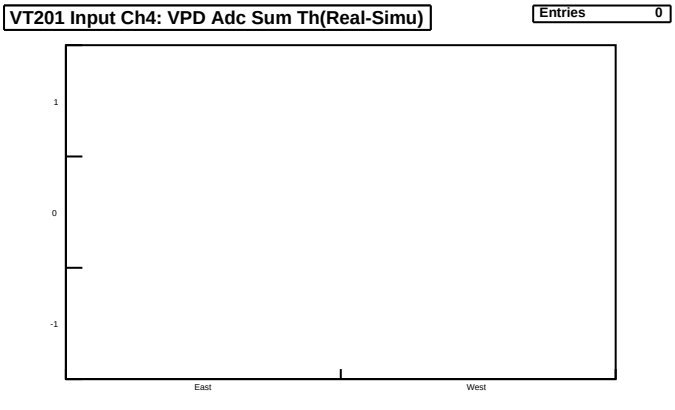

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1689632
6306
1515
6
3
6078
2448
35
31
204898
209689
211198
211201
205126
208756
211169
211173
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

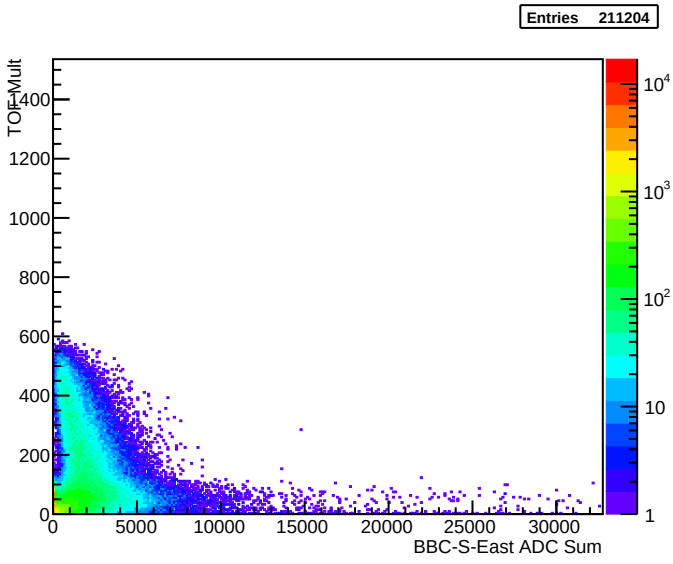

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

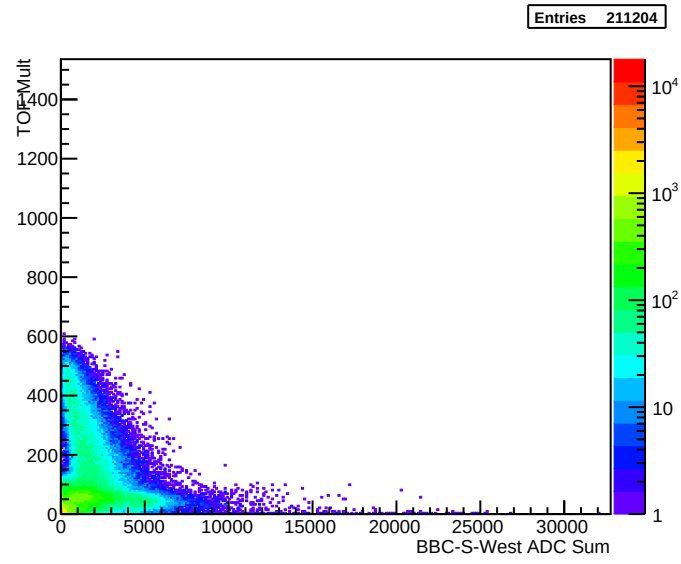

VT201 Input Ch4: VPD Tac Diff
Entries 211204
Tac

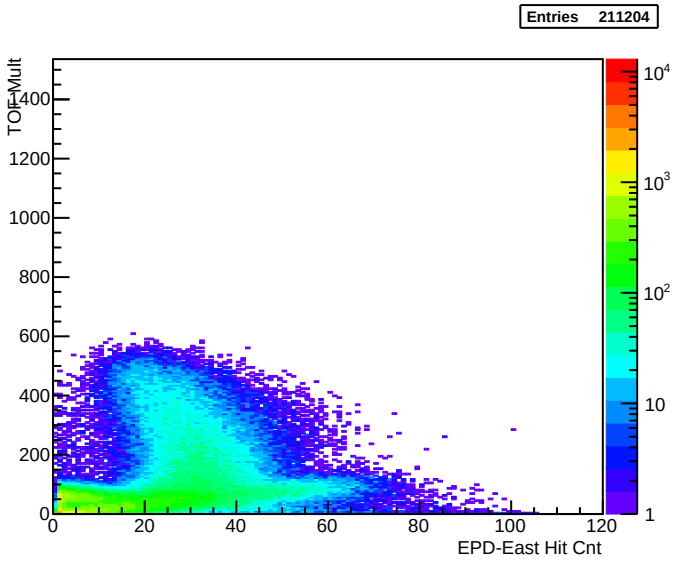

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

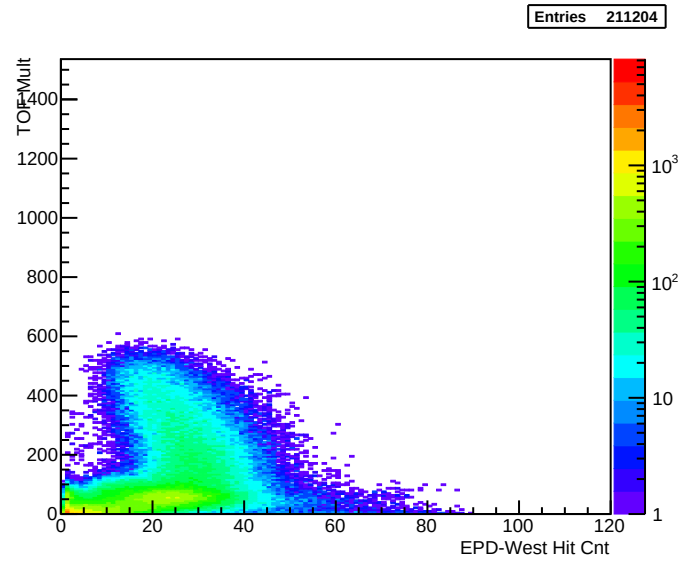

VT201 Input Ch4: VPD Adc Sum Th
Entries 422408
137106
166699
74098
44505
East
West

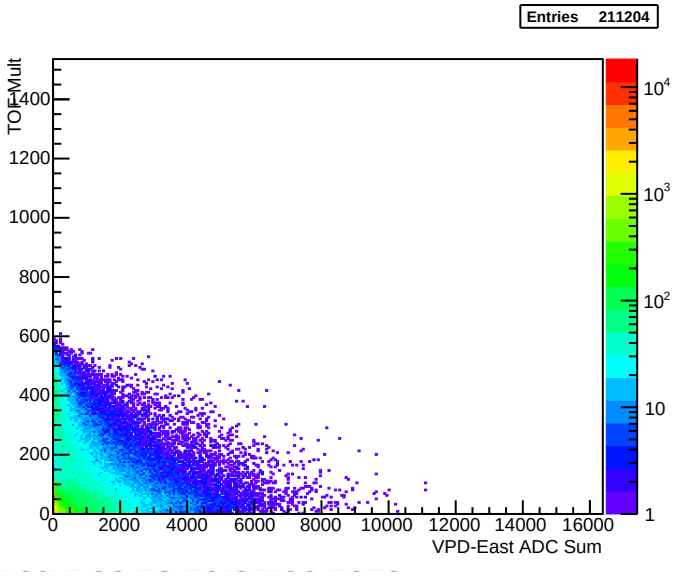

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

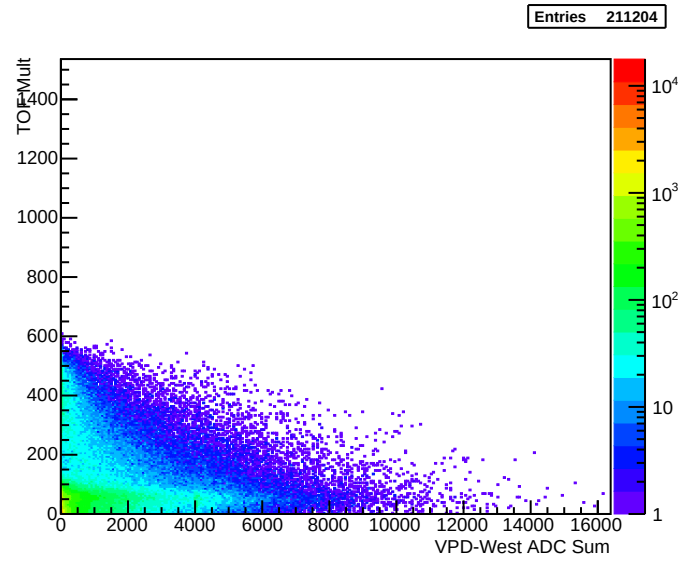

Entries 211204
TOF-Mult
BBC-S-East ADC Sum

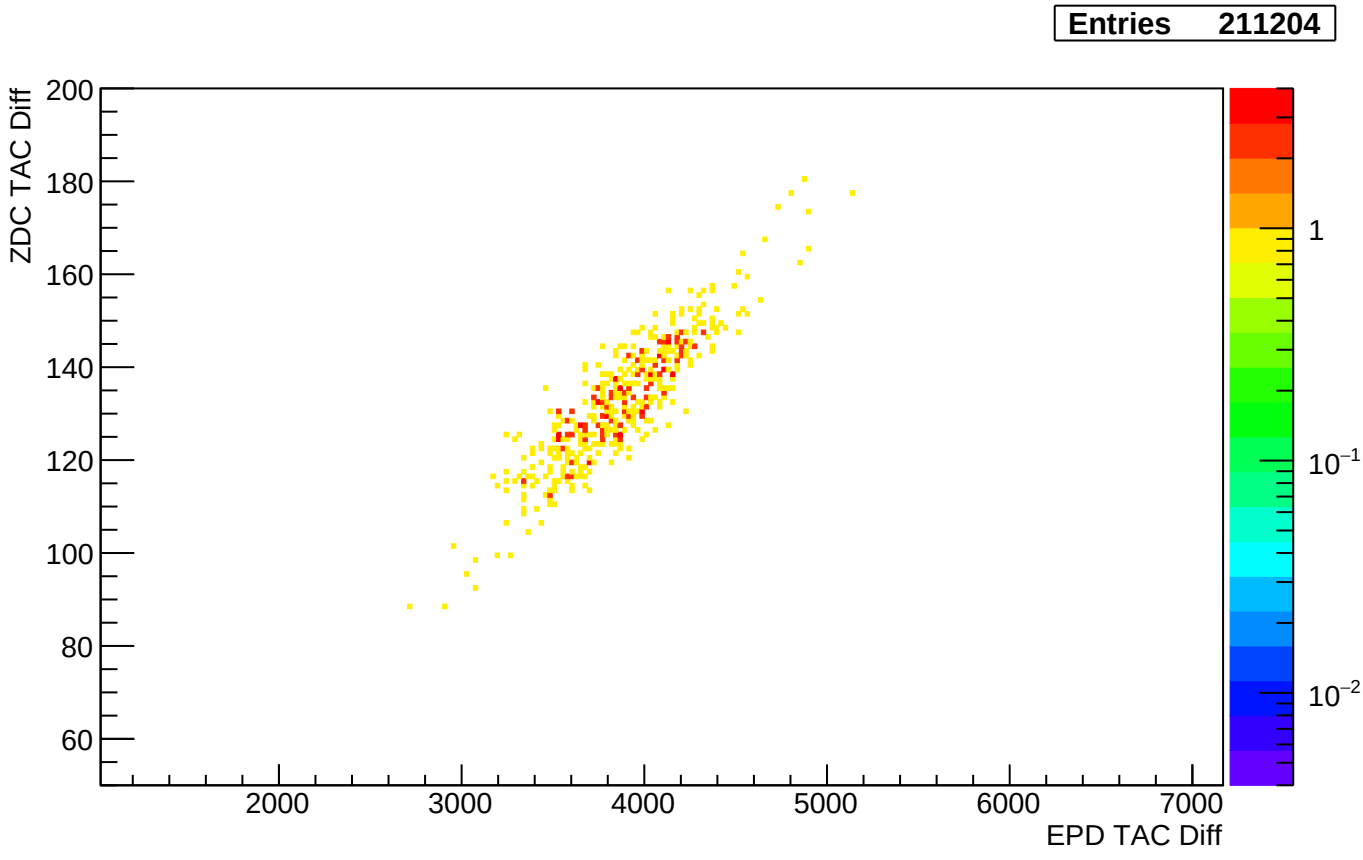

Entries 211204
TOF-Mult
BBC-S-West ADC Sum

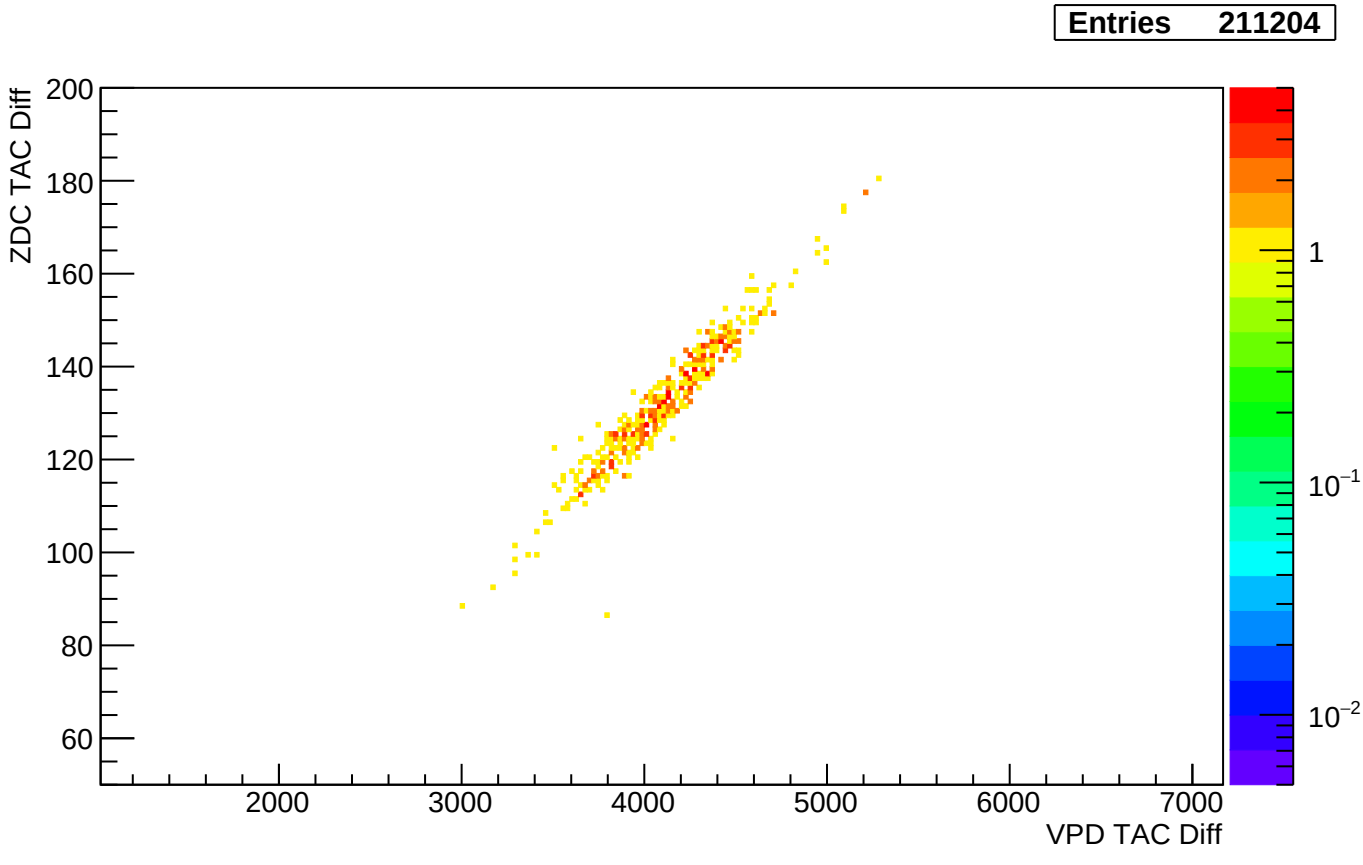

Entries 211204
TOF-Mult
EPD-East Hit Cnt

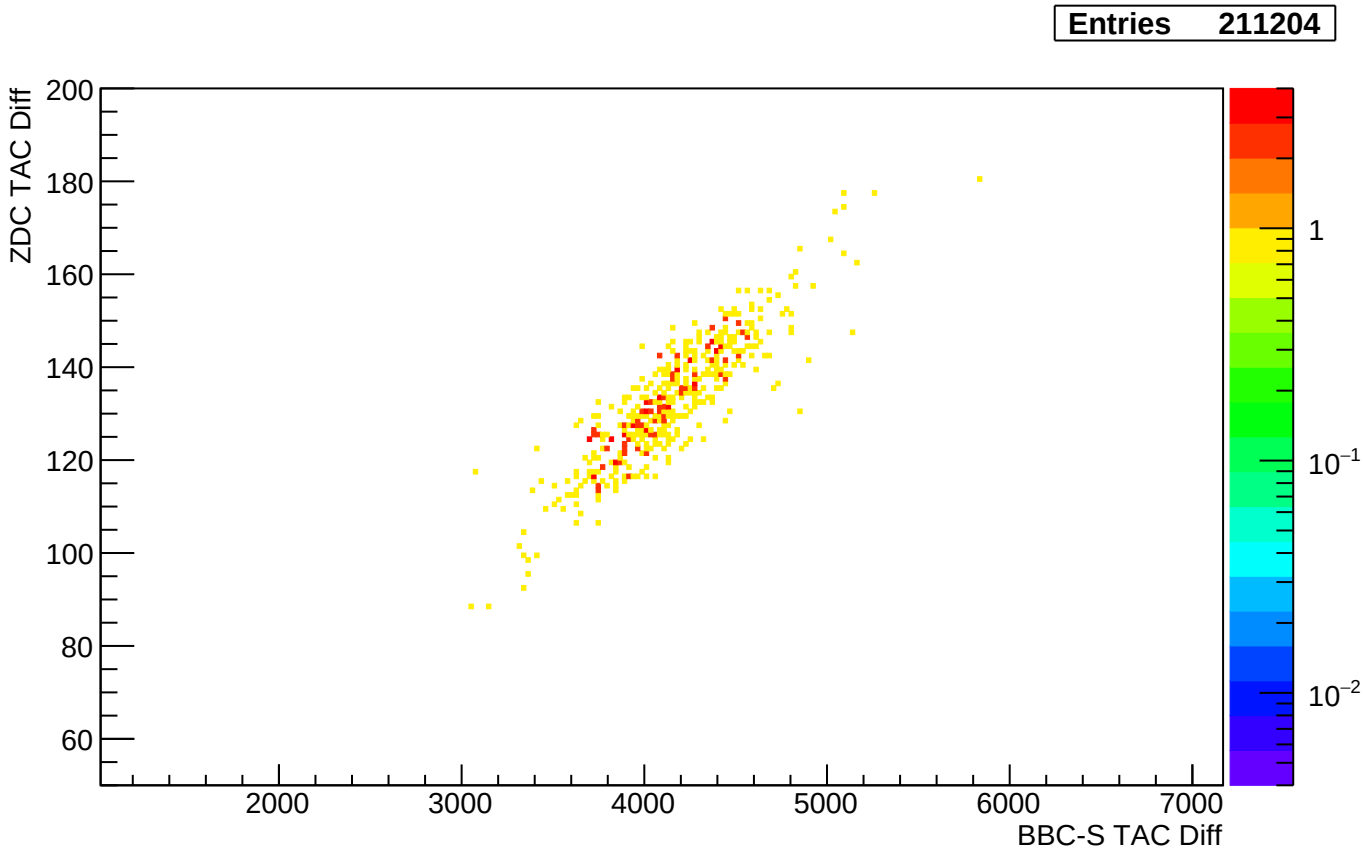

Entries 211204
TOF-Mult
EPD-West Hit Cnt

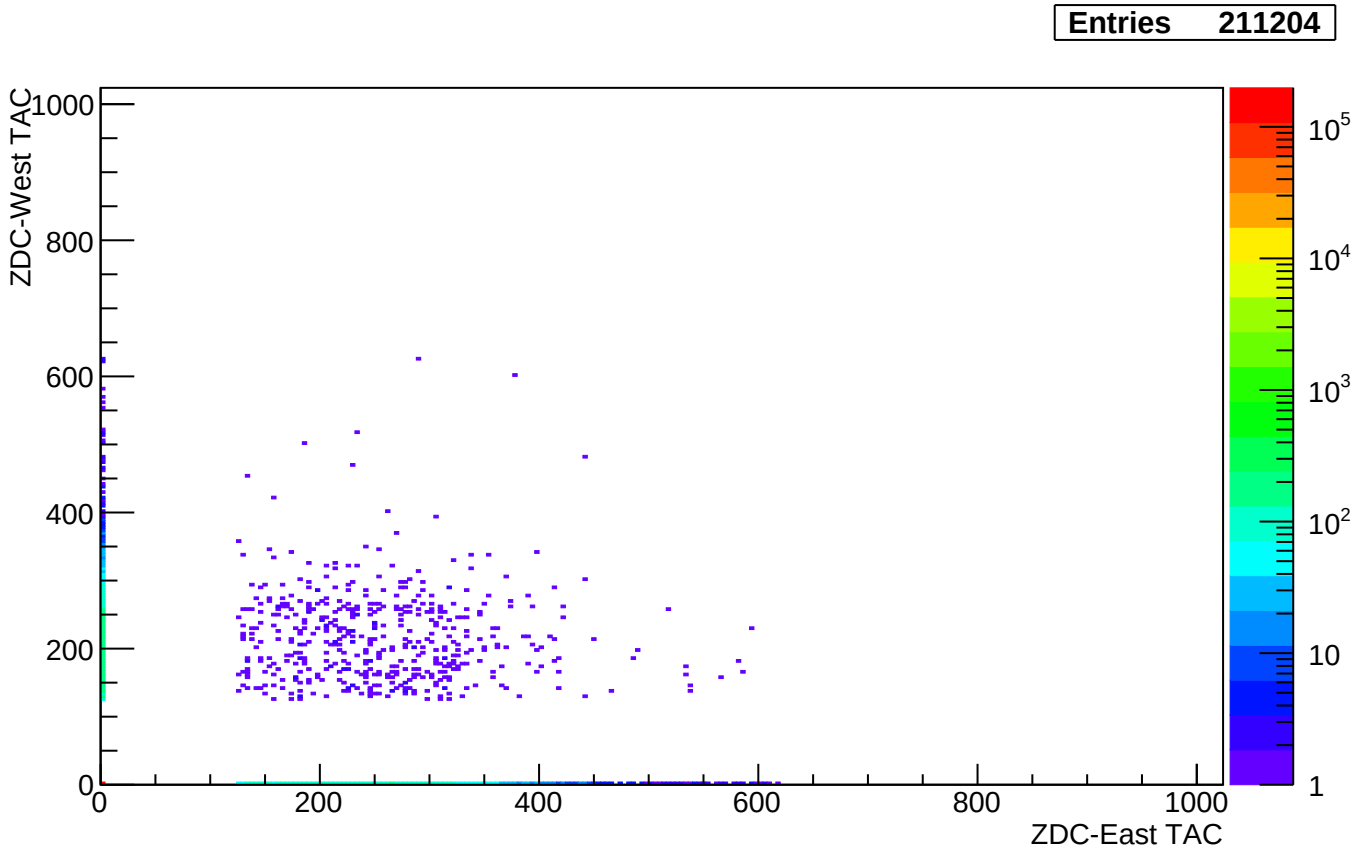

Entries 211204
TOF-Mult
VPD-East ADC Sum

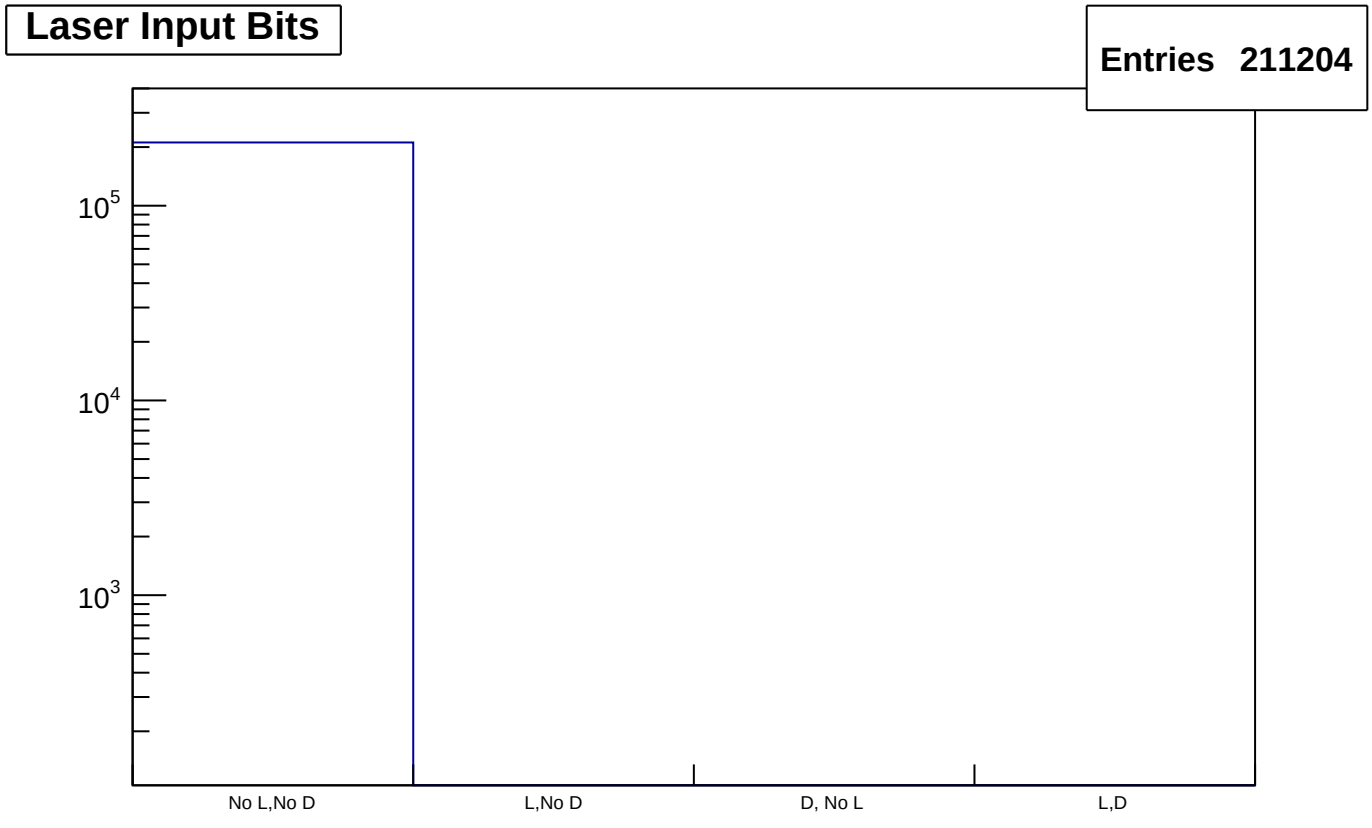

Entries 211204
TOF-Mult
VPD-West ADC Sum

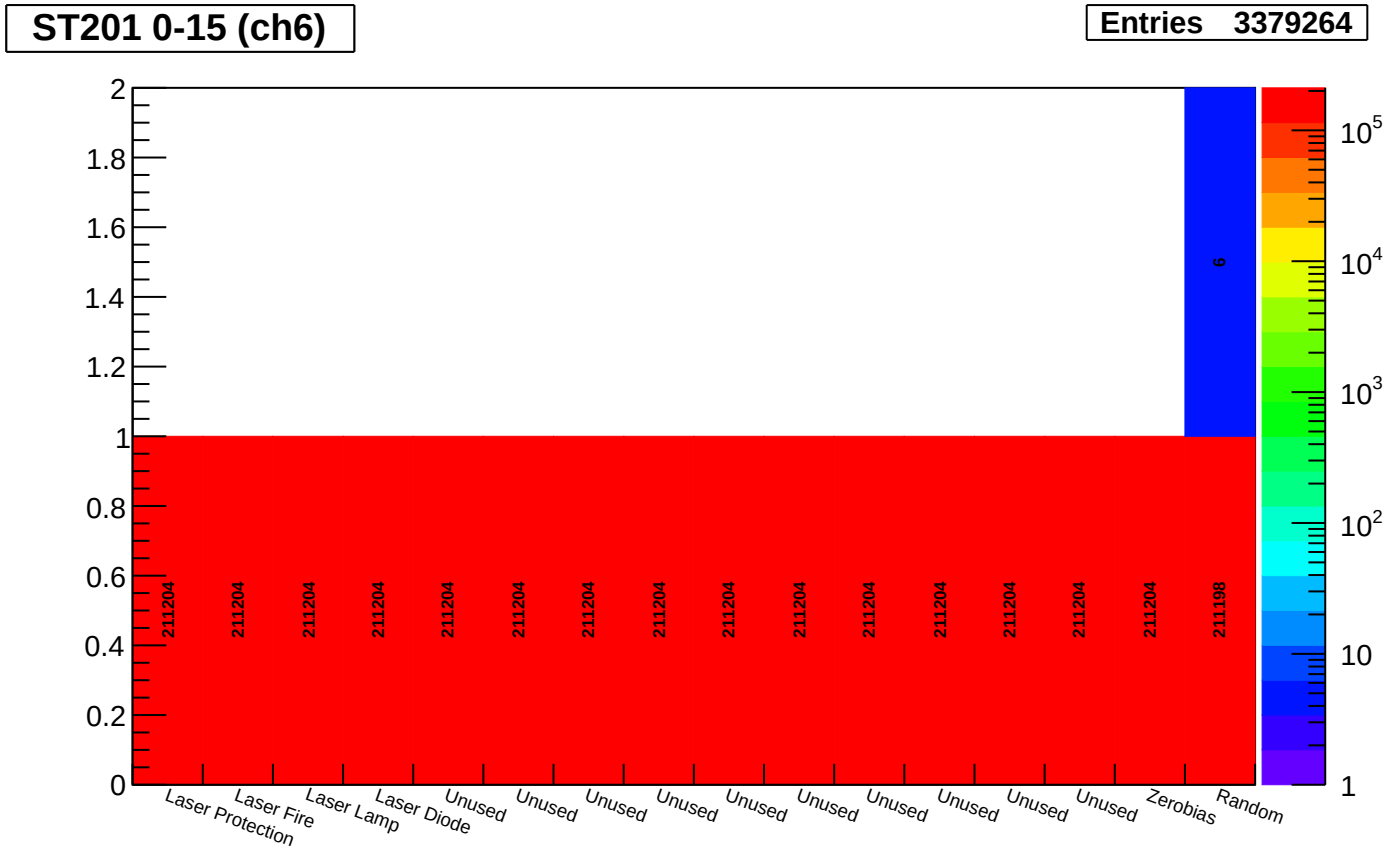

Entries 211204
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

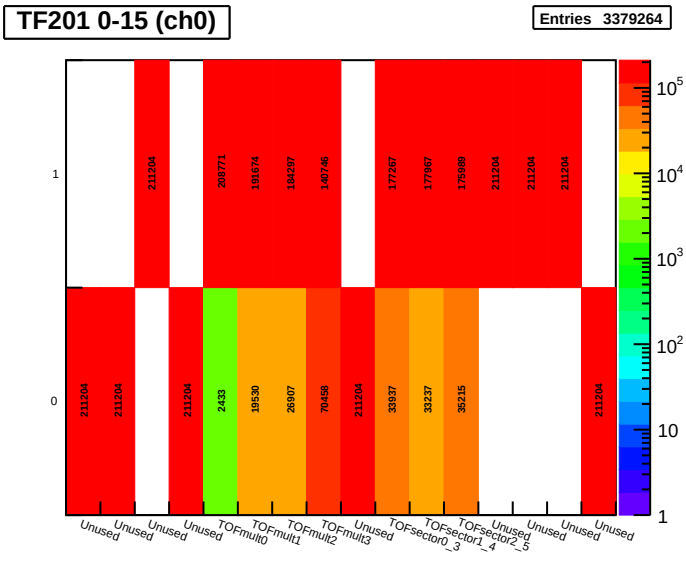

Entries 211204
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

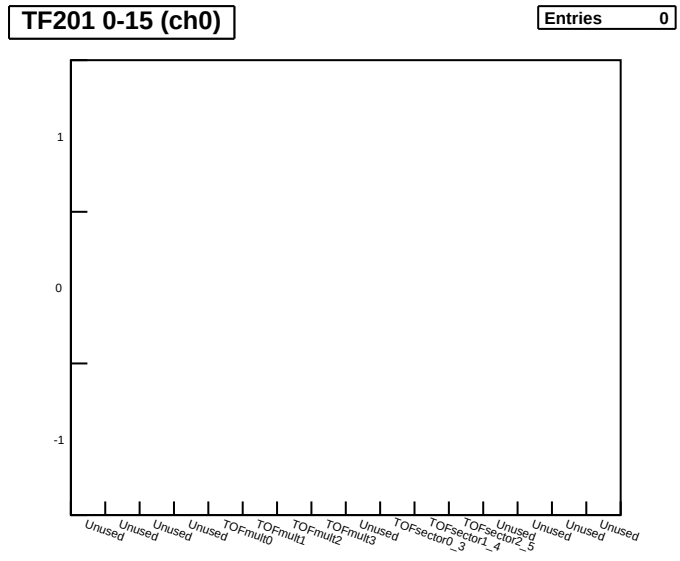

Entries 211204
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

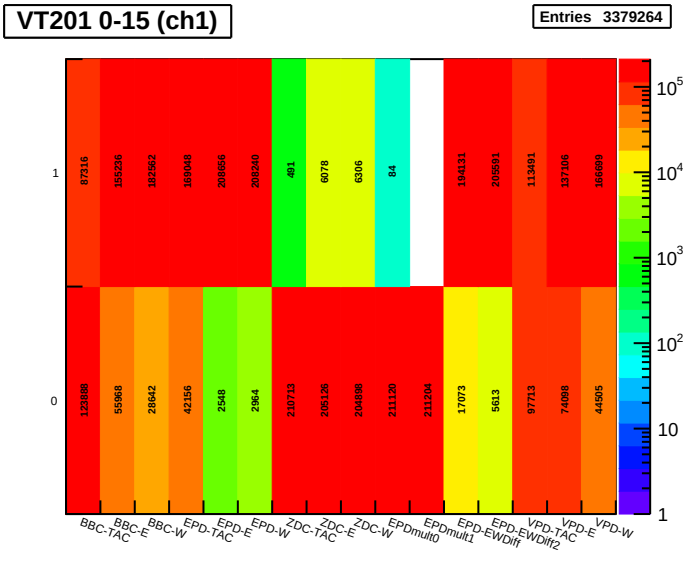

Entries 211204
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

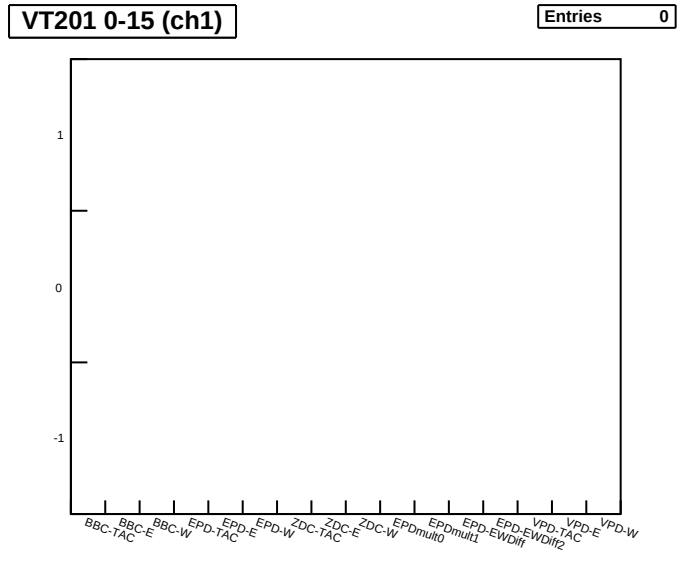

Laser Input Bits
Entries 211204
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

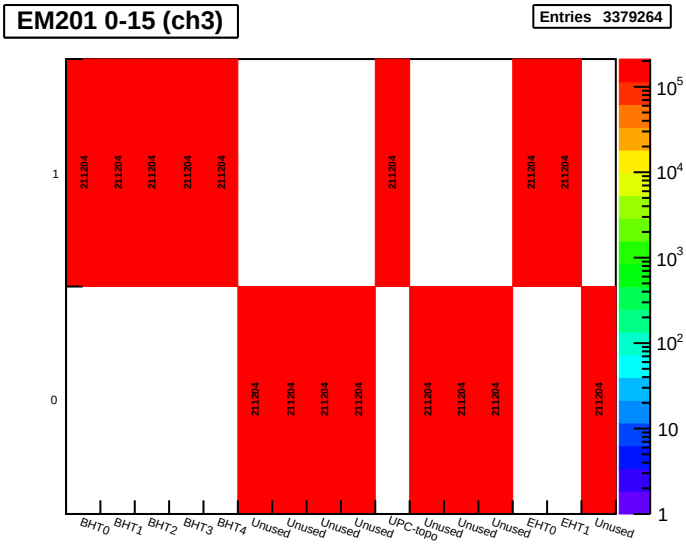

ST201 0-15 (ch6)
Entries 3379264
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
211204
211198
9
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

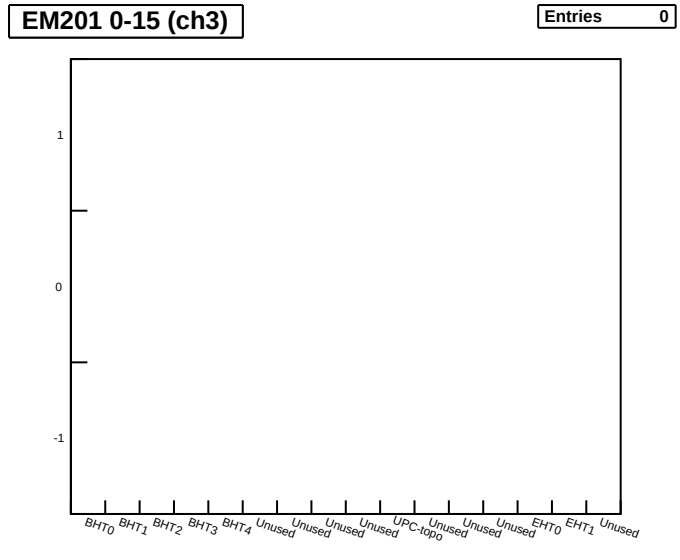

TF201 0-15 (ch0)
Entries 3379264
1
0
211204 208771 191674 184297 140746 177267 177967 175989 211204 211204 211204
211204 211204 211204 2433 19530 26907 70458 211204 33937 33237 35215 211204
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 3379264
1
0
87316 155236 182562 169048 208656 208240 491 6078 6306 84 194131 205591 113491 137106 166689
123888 55968 28642 42156 2548 2964 210713 205126 204898 211120 211204 17073 5613 97713 74098 44505
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 3379264
1
0
211204 211204 211204 211204 211204 211204 211204 211204
211204 211204 211204 211204 211204 211204 211204 211204
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