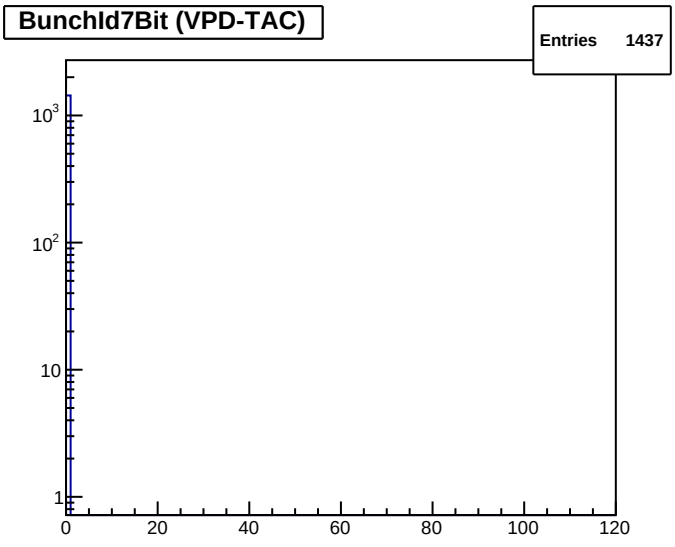
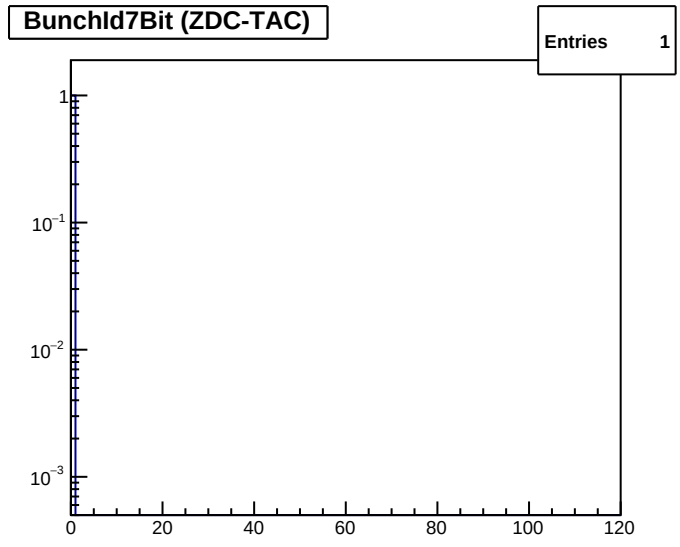
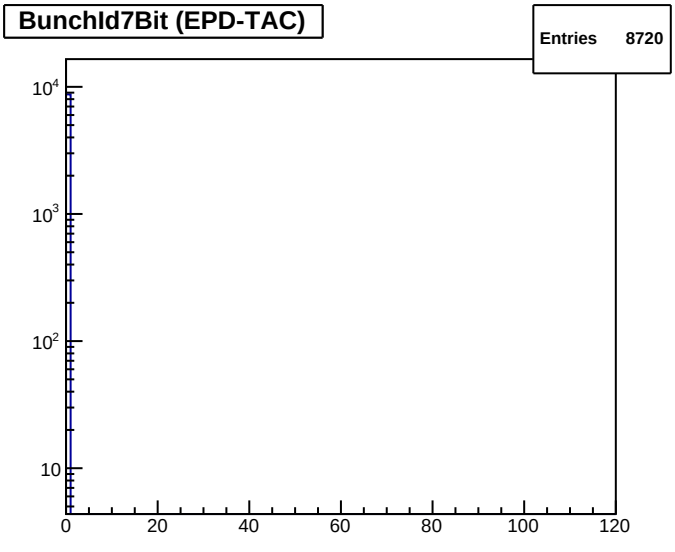
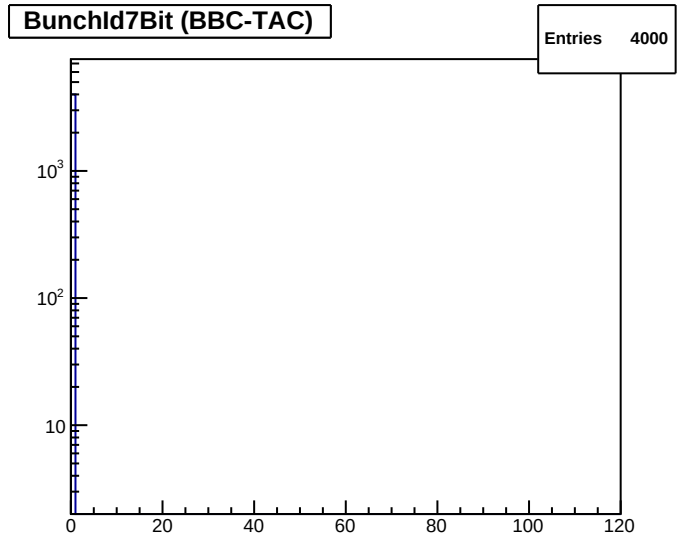
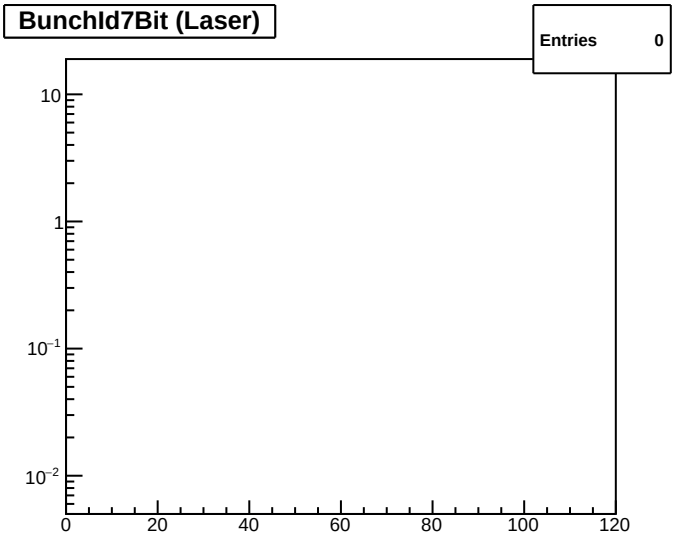
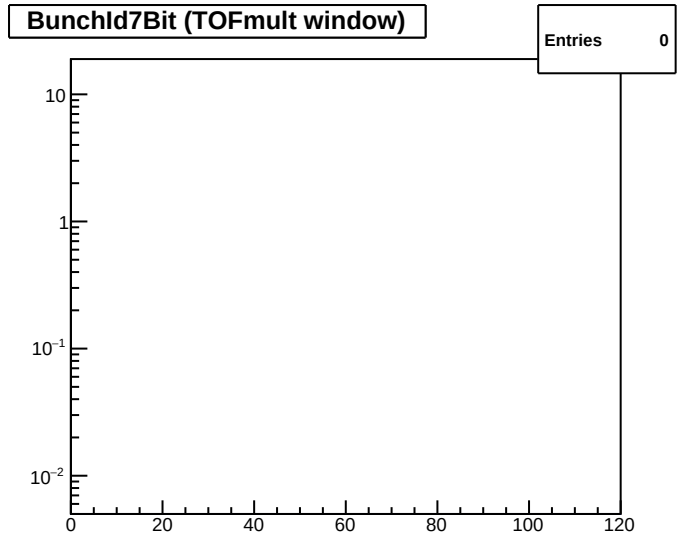

BunchId7Bit (VPD-TAC)
Entries 1437

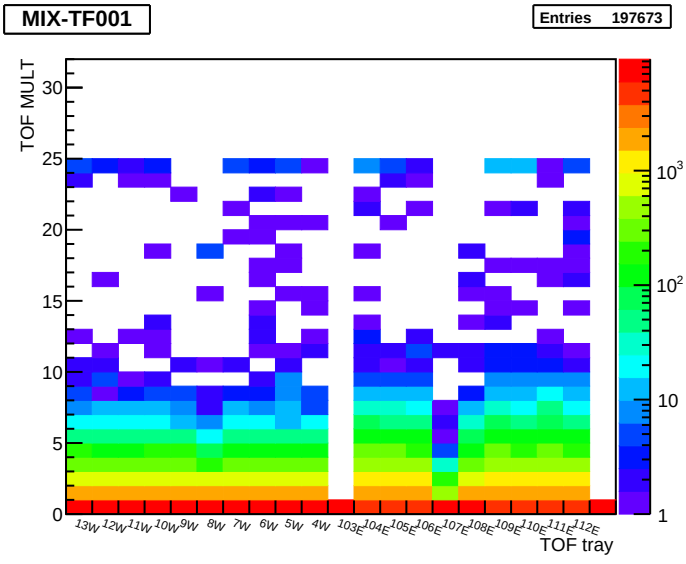

BunchId7Bit (ZDC-TAC)
Entries 1

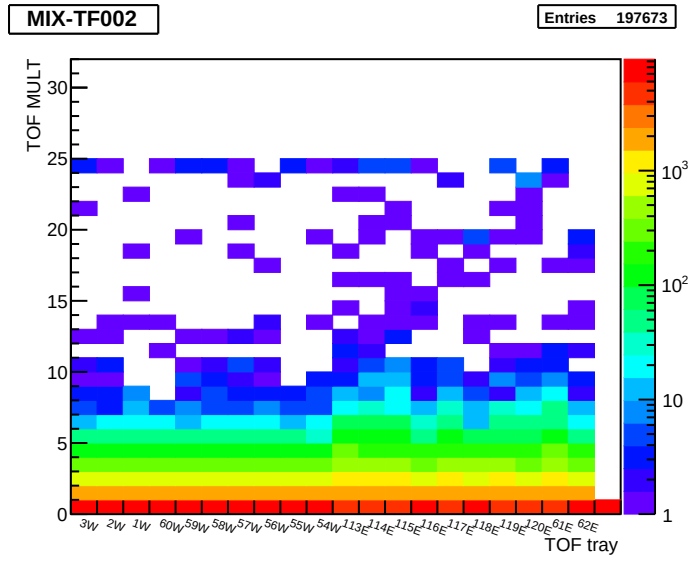

BunchId7Bit (EPD-TAC)
Entries 8720

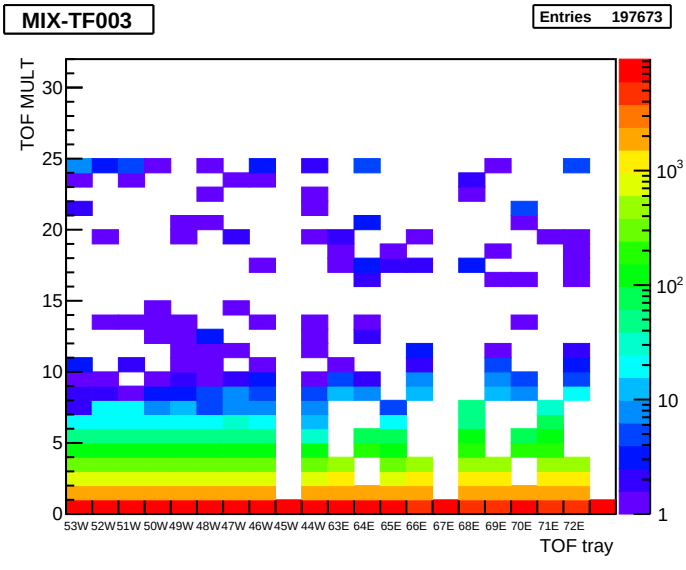

BunchId7Bit (BBC-TAC)
Entries 4000

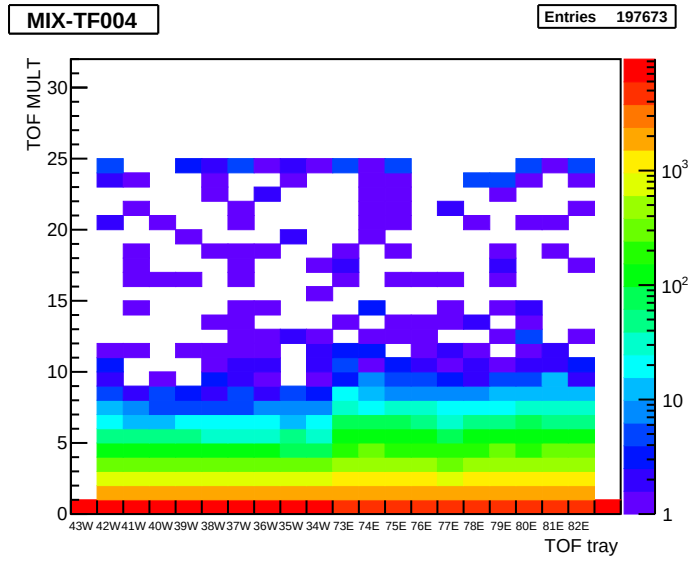

BunchId7Bit (Laser)
Entries 0

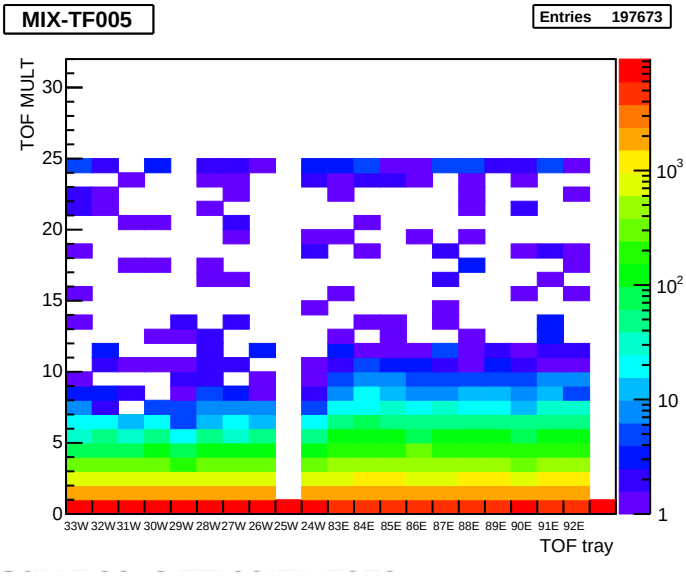

BunchId7Bit (TOFmult window)
Entries 0

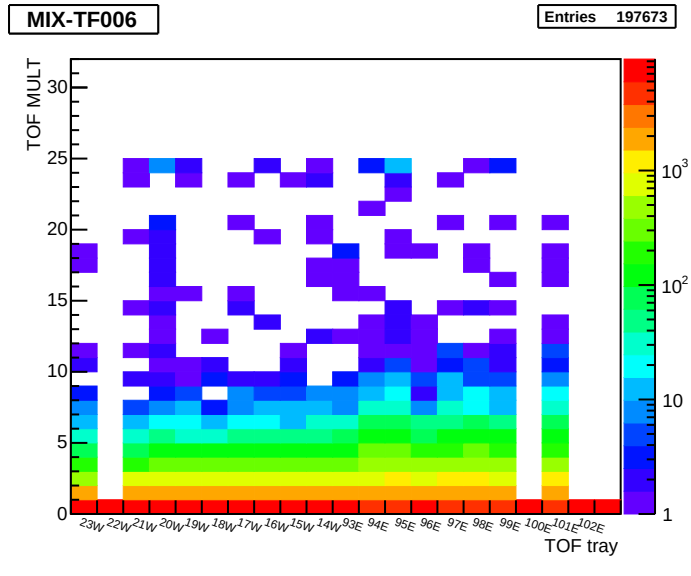

MIX-TF001
Entries 197673
TOF MULT
TOF tray

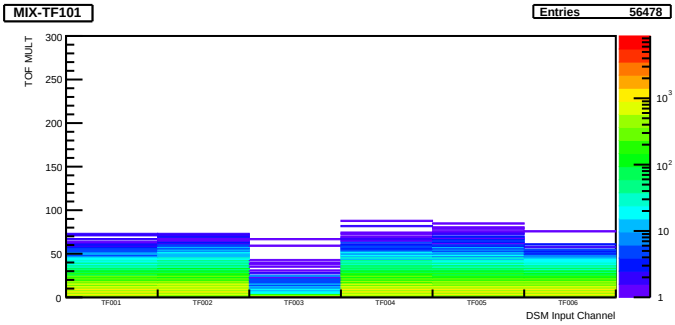

MIX-TF002
Entries 197673
TOF MULT
TOF tray

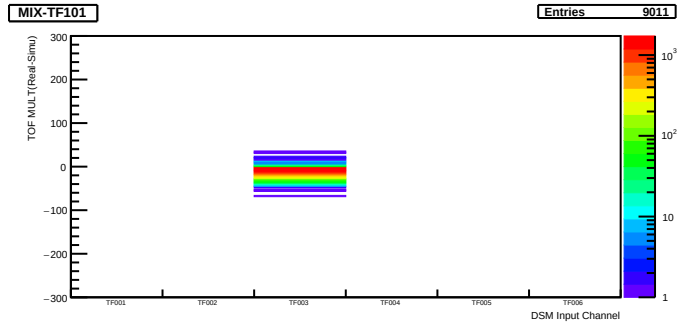

MIX-TF003
Entries 197673
TOF MULT
TOF tray

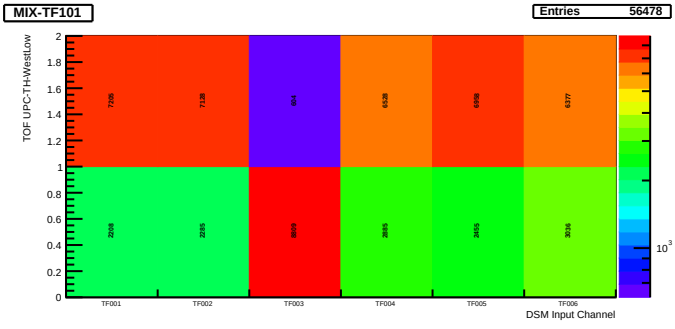

MIX-TF004
Entries 197673
TOF MULT
TOF tray

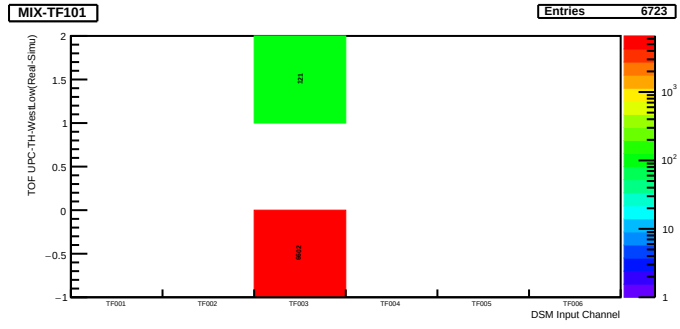

MIX-TF005
Entries 197673
TOF MULT
TOF tray

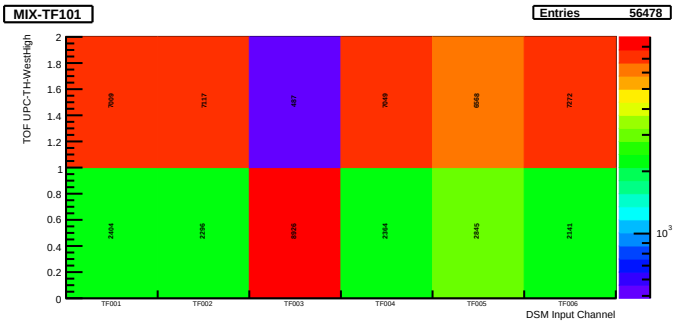

MIX-TF006
Entries 197673
TOF MULT
TOF tray

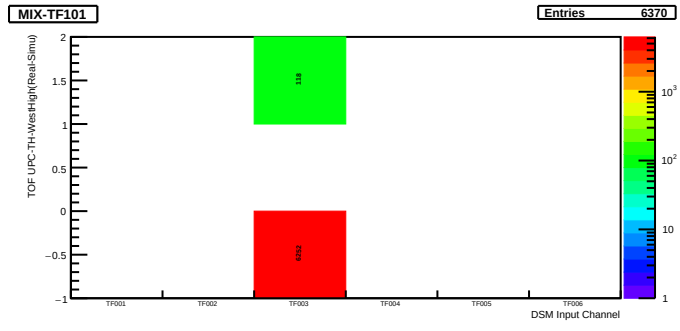

MIX-TF101
Entries 56478
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

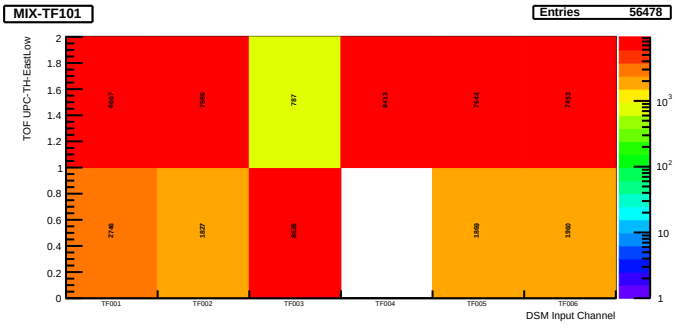

MIX-TF101
Entries 9011
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

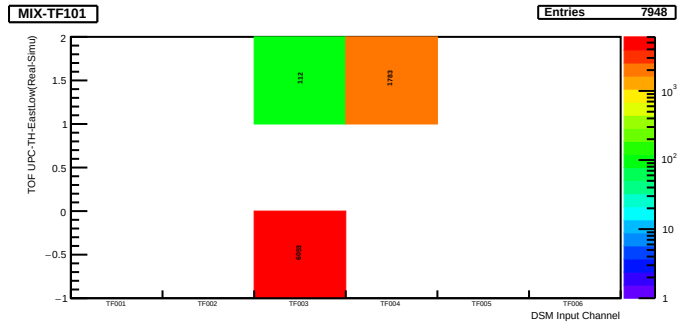

MIX-TF101
Entries 56478
TOF UPC-TH-WestLow
7205
7138
604
6538
6998
6377
2208
2285
8800
2885
2455
3016
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

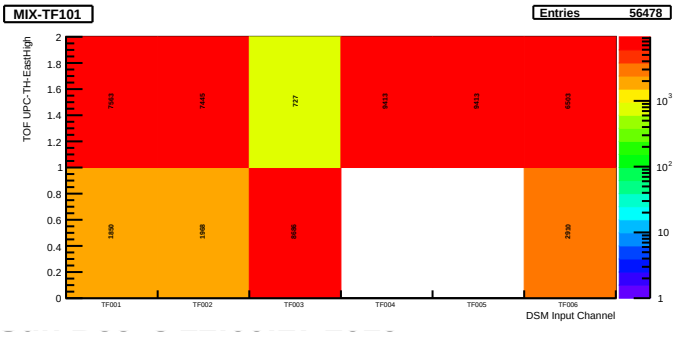

MIX-TF101
Entries 6723
TOF UPC-TH-WestLow(Real-Simu)
321
6402
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

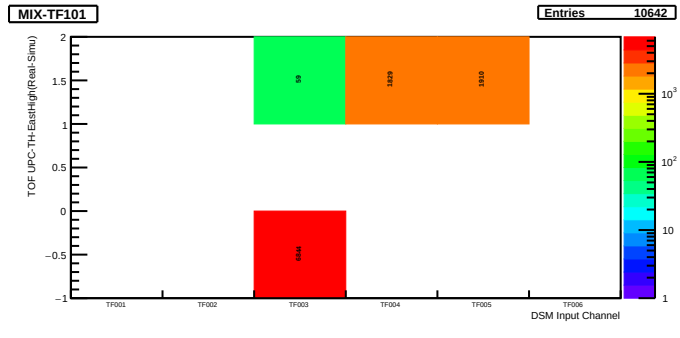

MIX-TF101
Entries 56478
TOF UPC-TH-WestHigh
7009
7117
457
7049
6568
7222
2404
2296
8925
2364
2845
2141
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

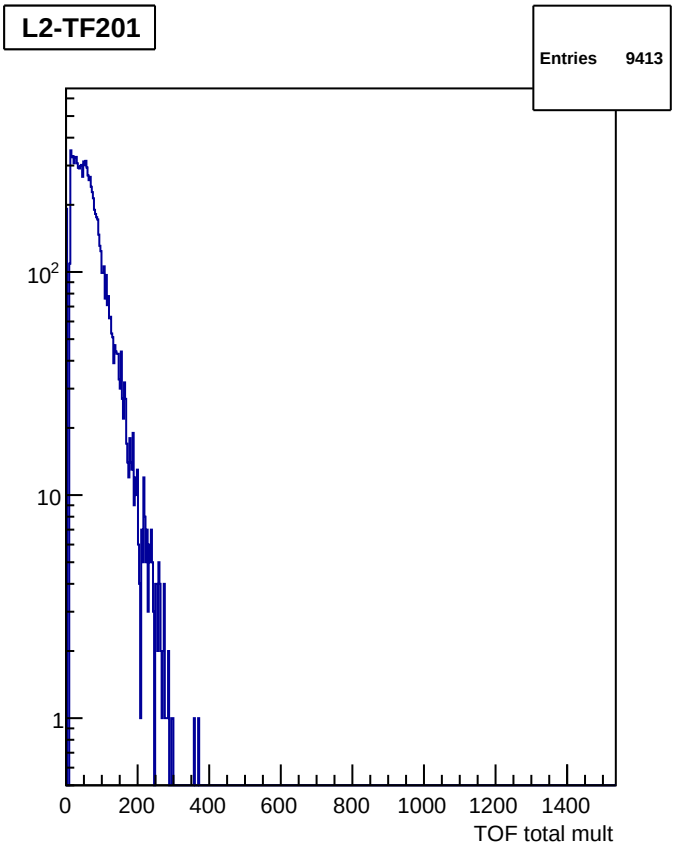

MIX-TF101
Entries 6370
TOF UPC-TH-WestHigh(Real-Simu)
118
6252
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

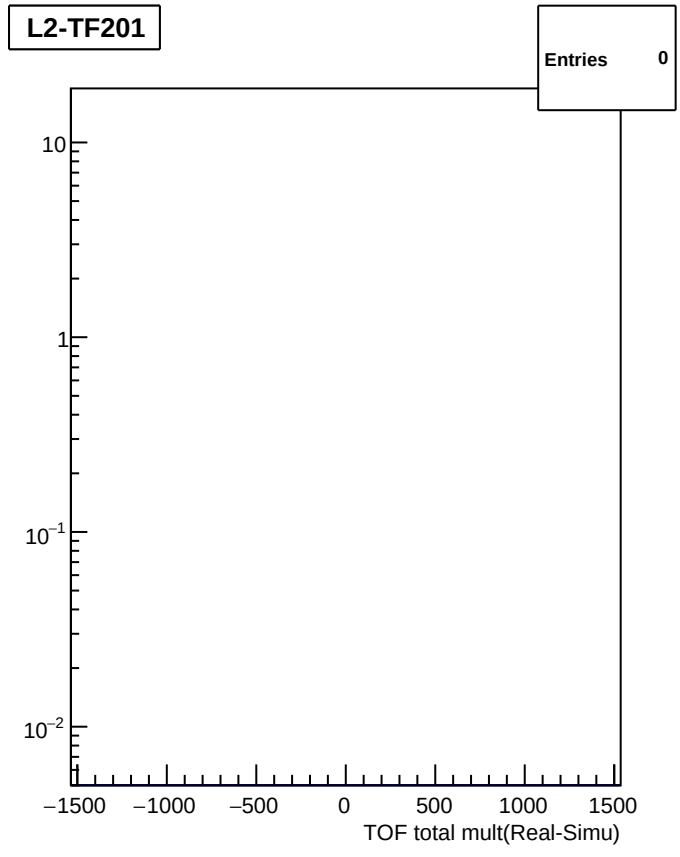

MIX-TF101
Entries 56478
TOF UPC-TH-EastLow
6497
7586
787
8413
7544
7453
2746
1827
8626
1889
1940
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

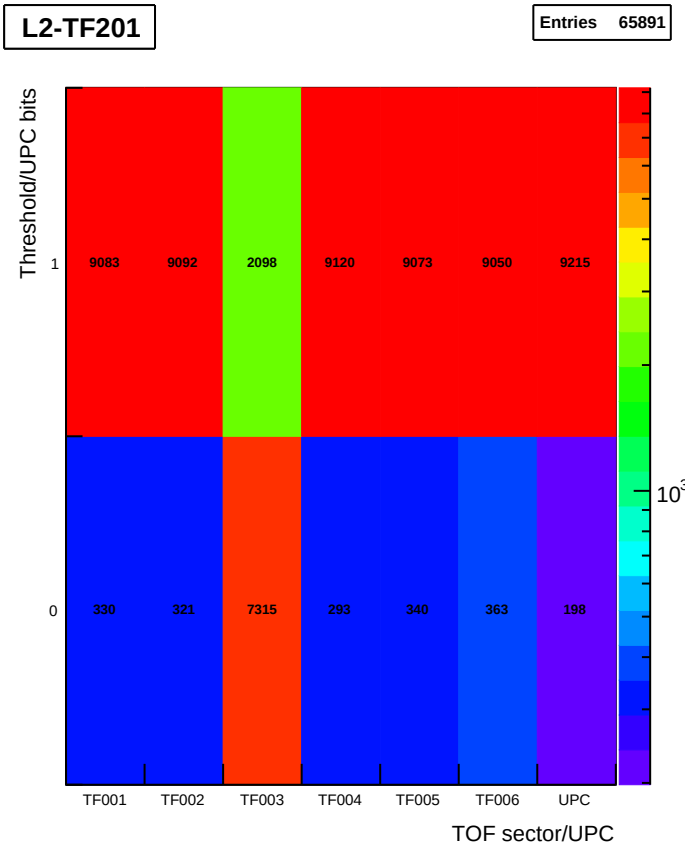

MIX-TF101
Entries 7948
TOF UPC-TH-EastLow(Real-Simu)
112
1783
6703
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

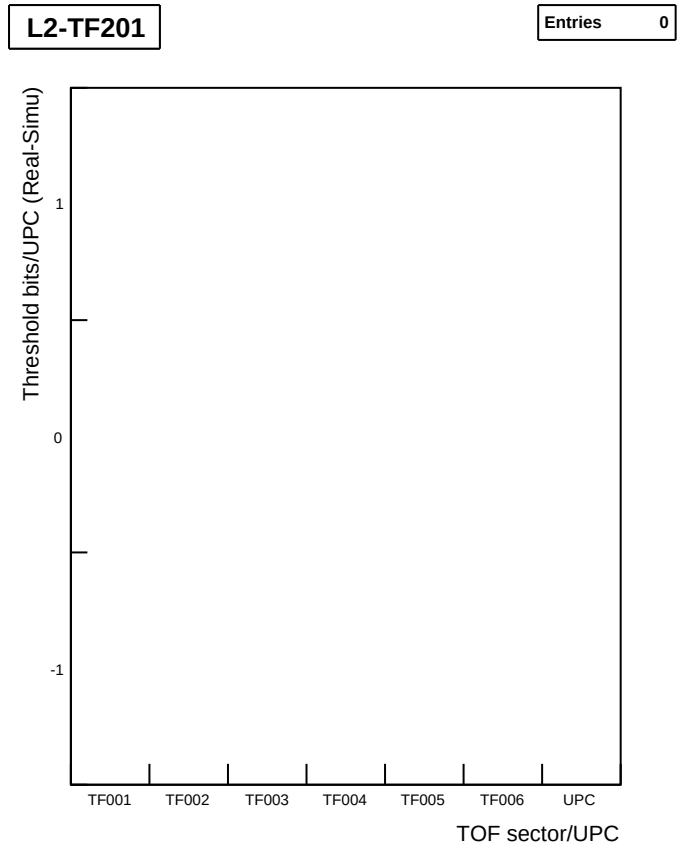

MIX-TF101
Entries 56478
TOF UPC-TH-EastHigh
7363
7445
727
8413
8413
6503
1850
1908
8636
2930
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

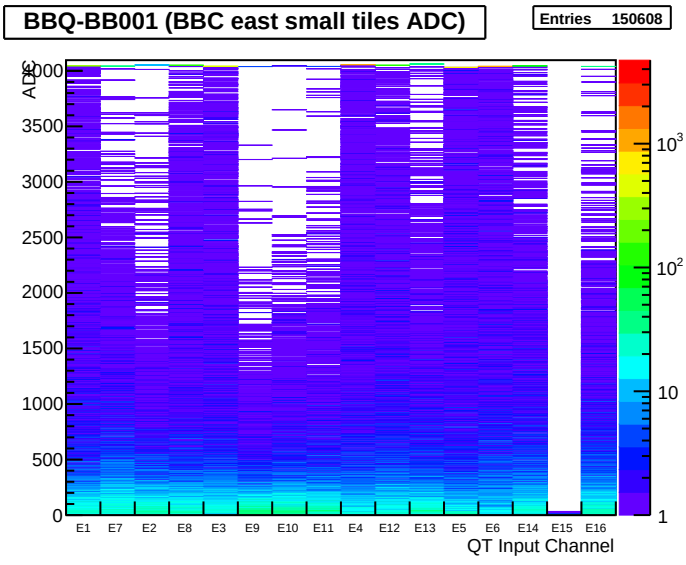

MIX-TF101
Entries 10642
TOF UPC-TH-EastHigh(Real-Simu)
59
1829
1910
6544
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

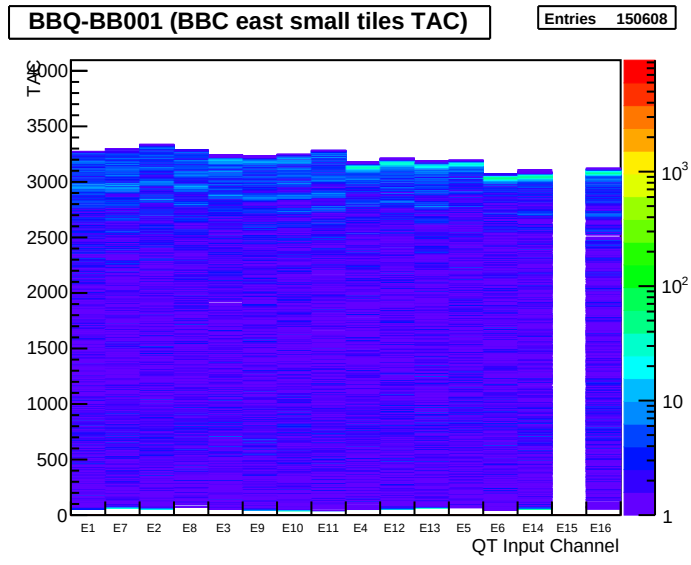

L2-TF201
Entries 9413
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

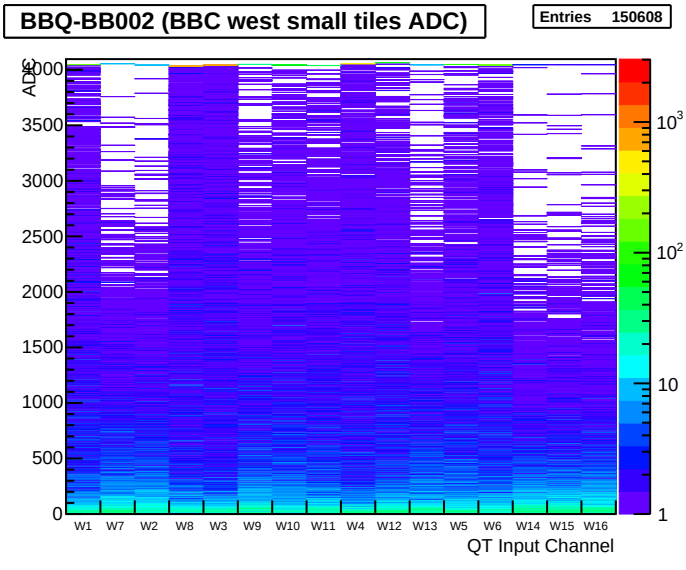

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

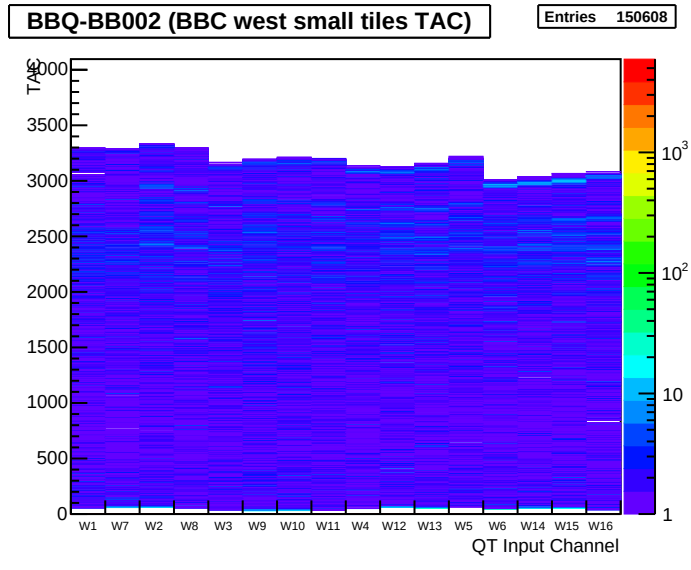

L2-TF201
Entries 65891
Threshold/UPC bits
1
0
9083
9092
2098
9120
9073
9050
9215
330
321
7315
293
340
363
198
10^3
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

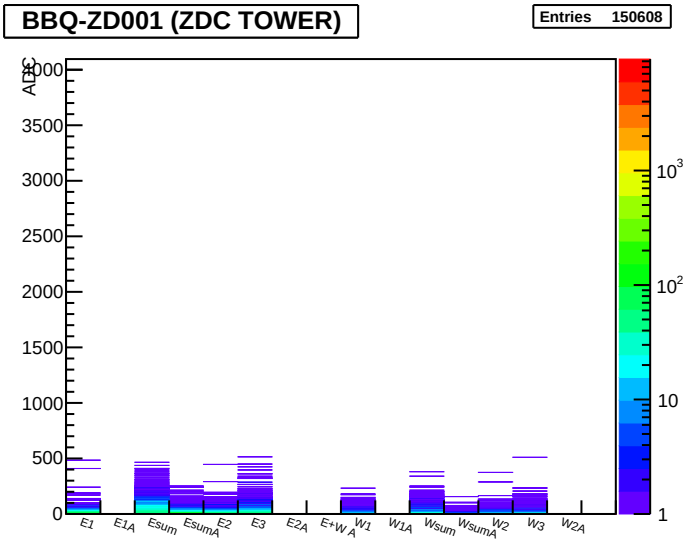

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

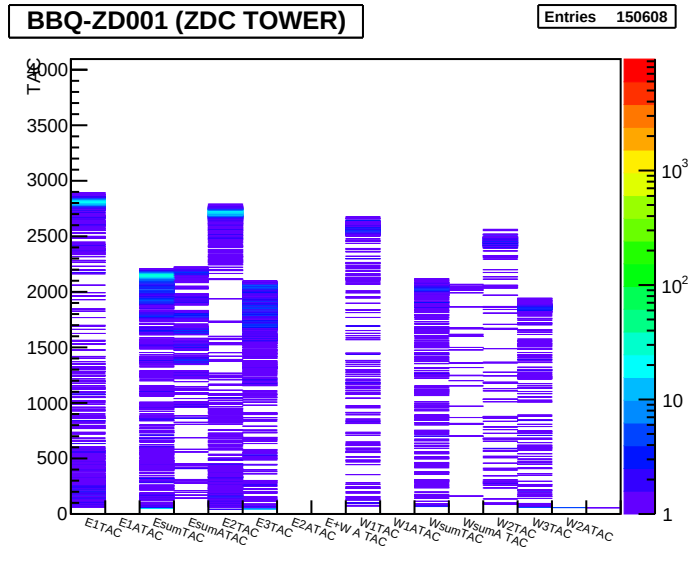

BBQ-BB001 (BBC east small tiles ADC)
Entries 150608
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

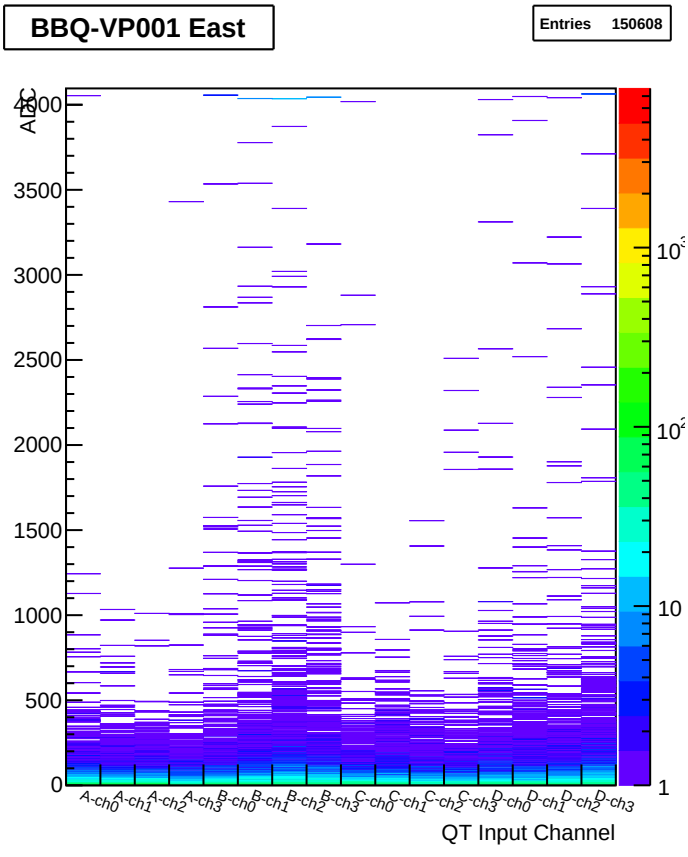

BBQ-BB001 (BBC east small tiles TAC)
Entries 150608
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

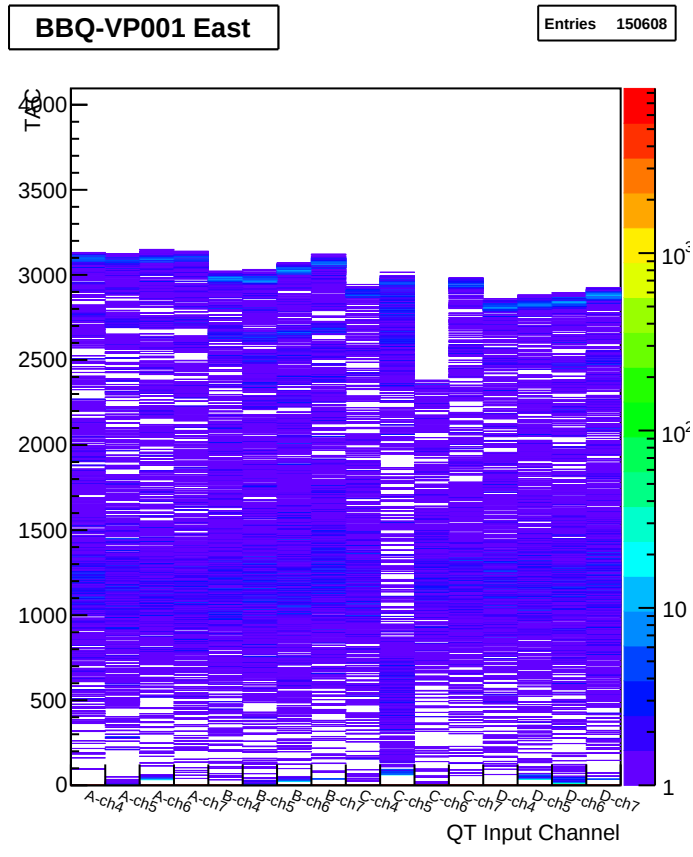

BBQ-BB002 (BBC west small tiles ADC)
Entries 150608
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

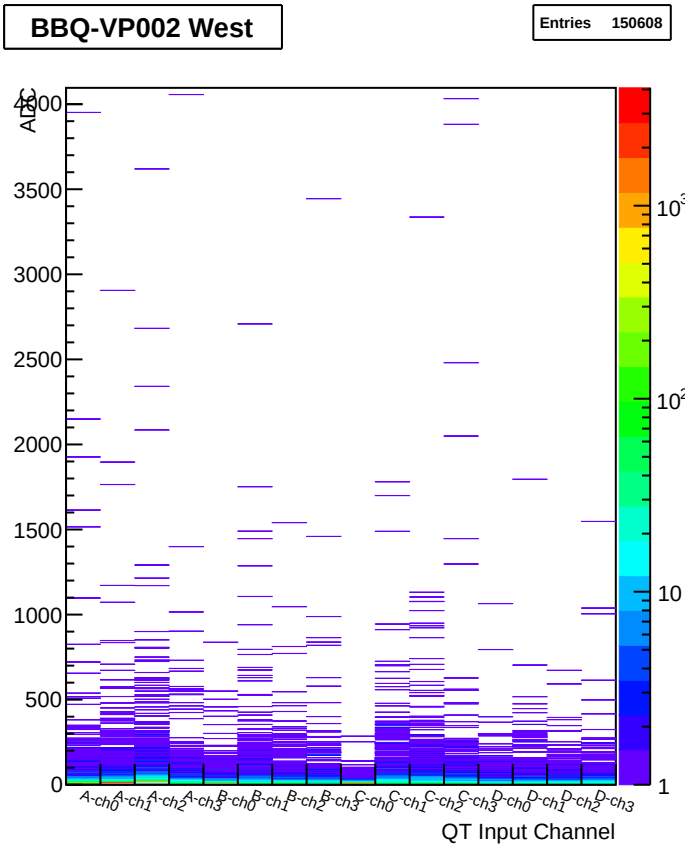

BBQ-BB002 (BBC west small tiles TAC)
Entries 150608
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

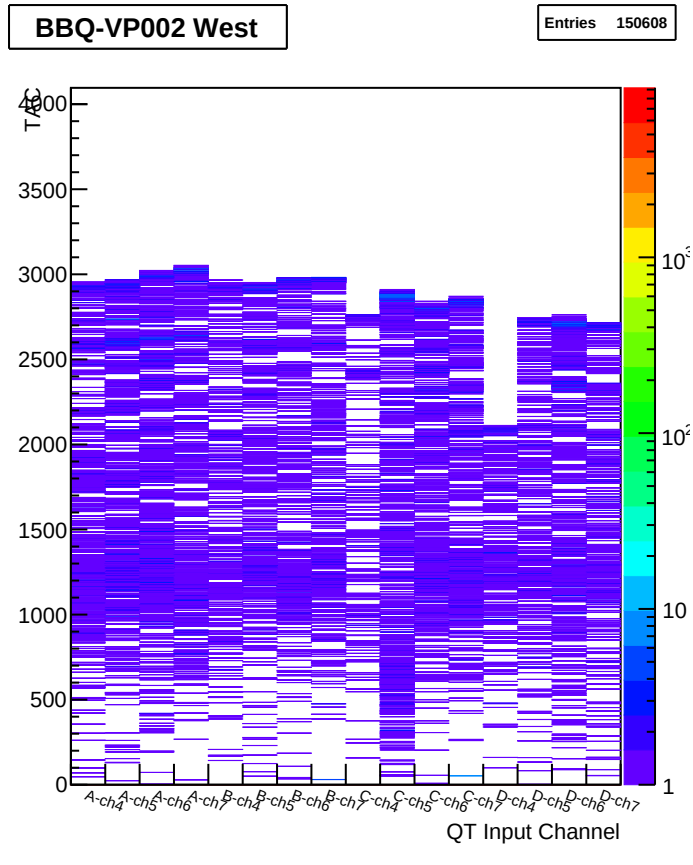

BBQ-ZD001 (ZDC TOWER)
Entries 150608
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

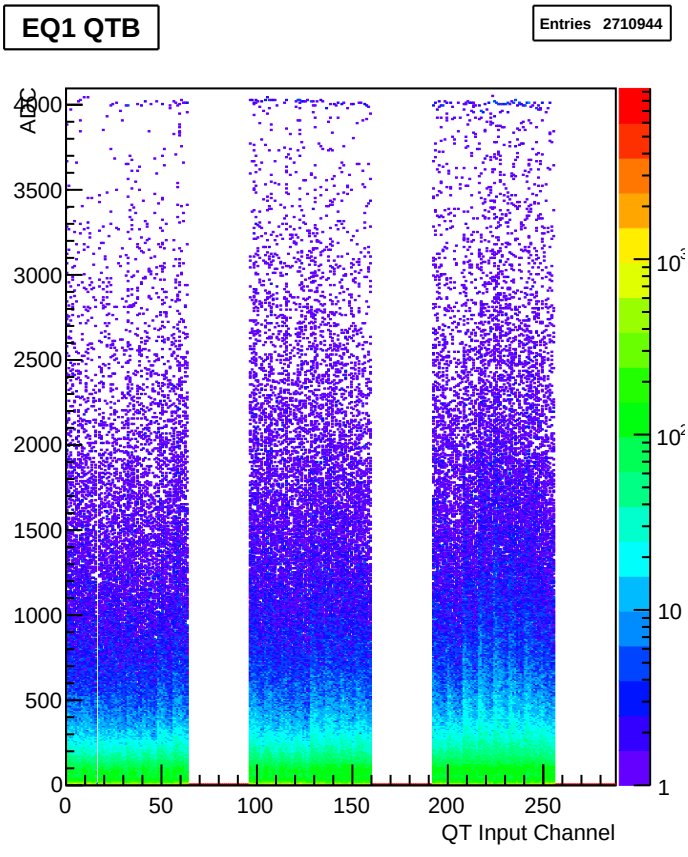

BBQ-ZD001 (ZDC TOWER)
Entries 150608
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

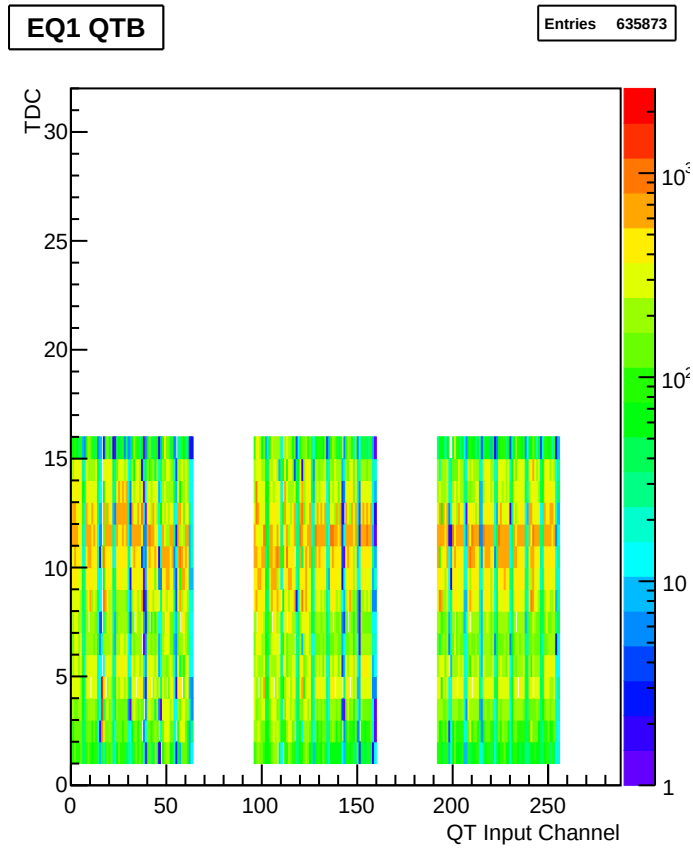

BBQ-VP001 East
Entries 150608
ADC
QT Input Channel

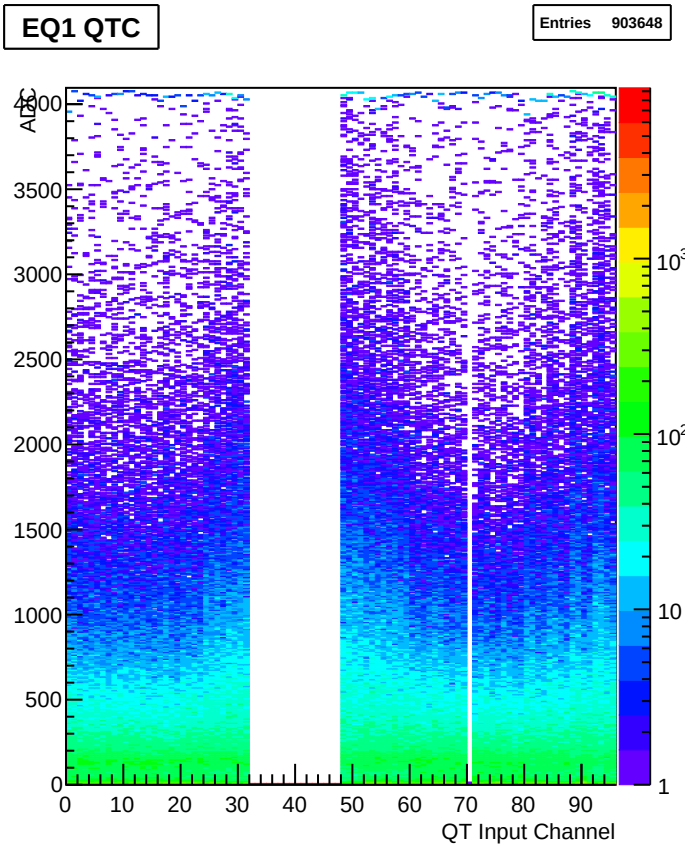

BBQ-VP001 East
Entries 150608
ADC
QT Input Channel

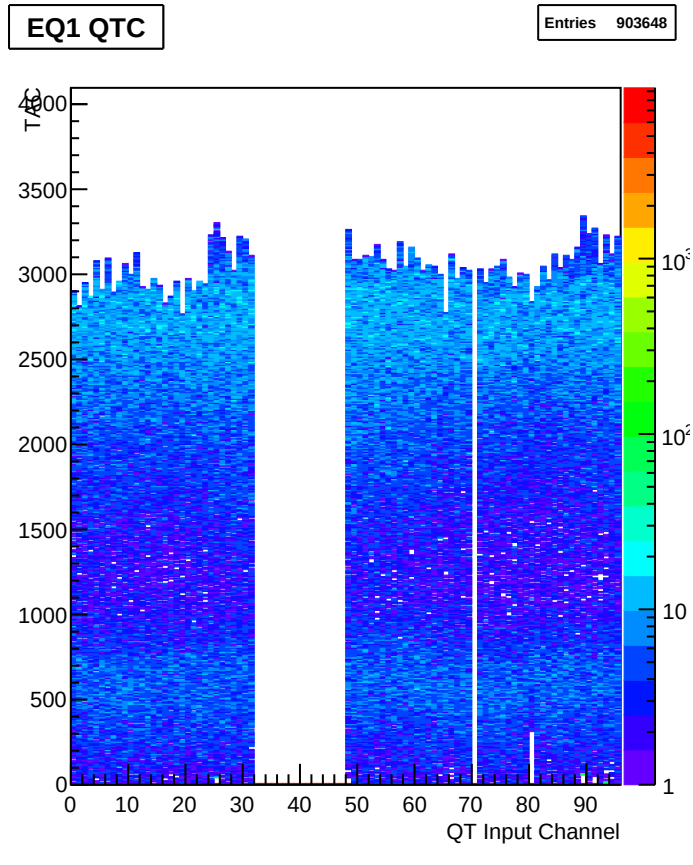

BBQ-VP002 West
Entries 150608
ADC
QT Input Channel

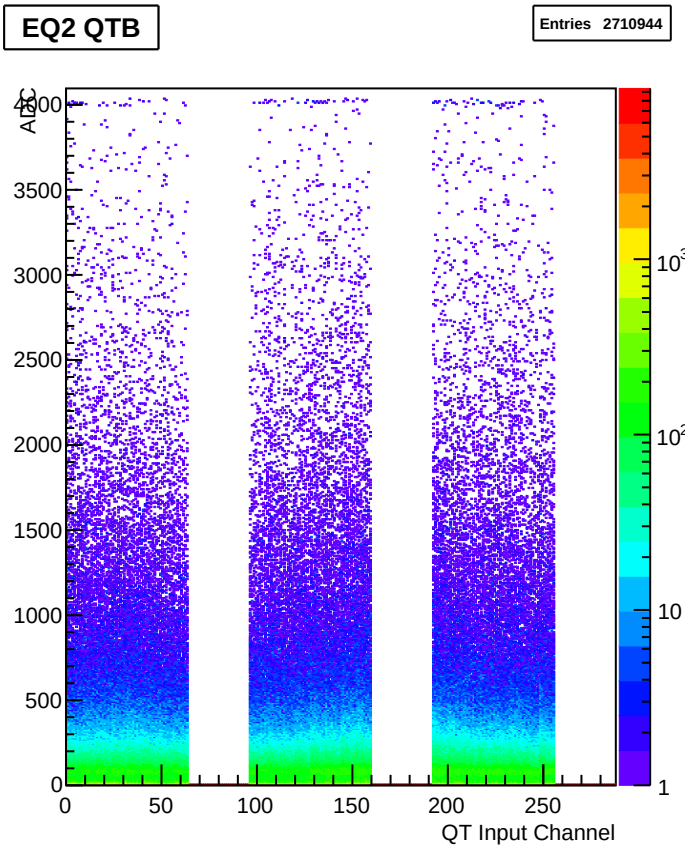

BBQ-VP002 West
Entries 150608
ADC
QT Input Channel

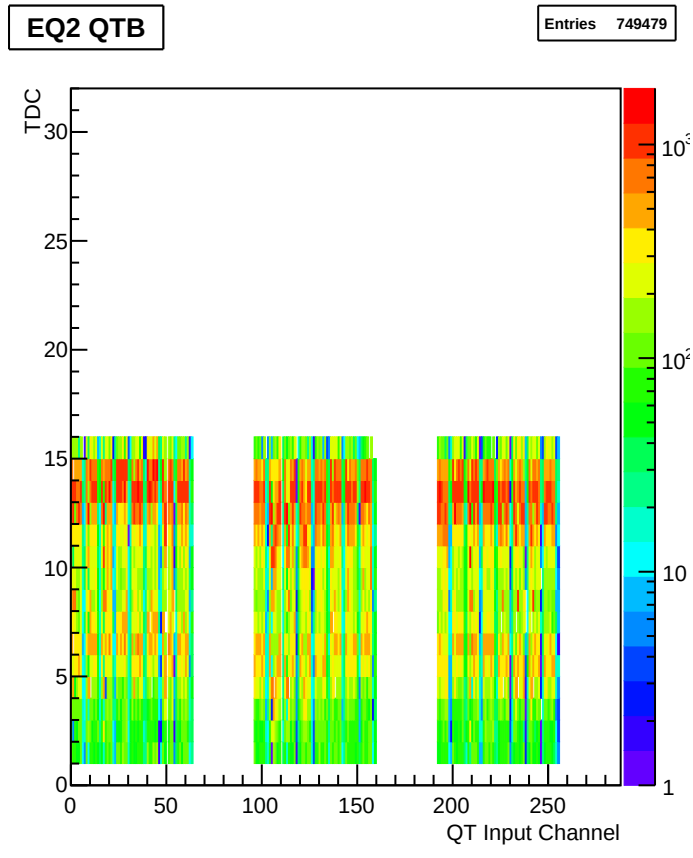

EQ1 QTB
Entries 2710944
ADC
QT Input Channel

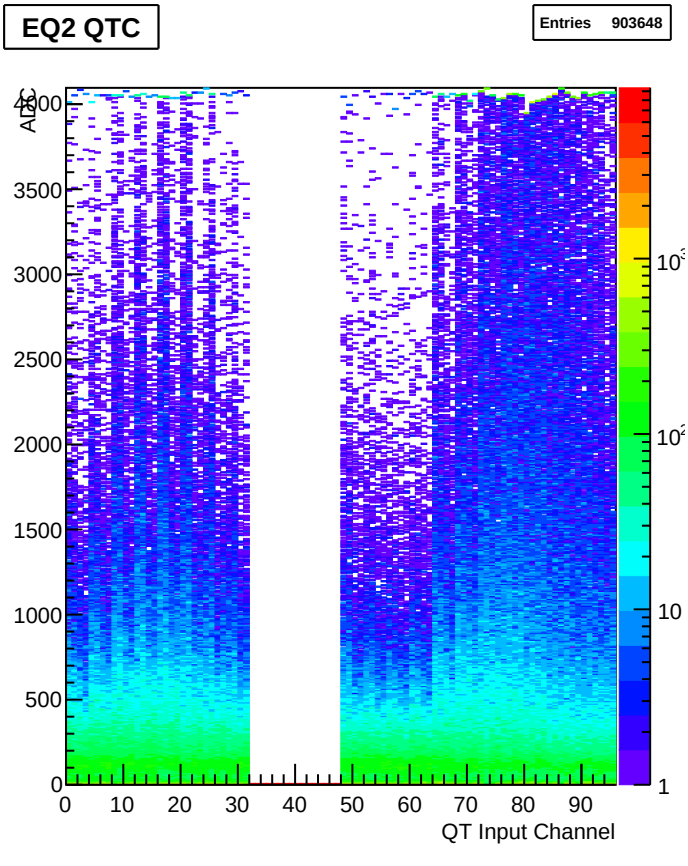

EQ1 QTB
Entries 635873
TDC
QT Input Channel

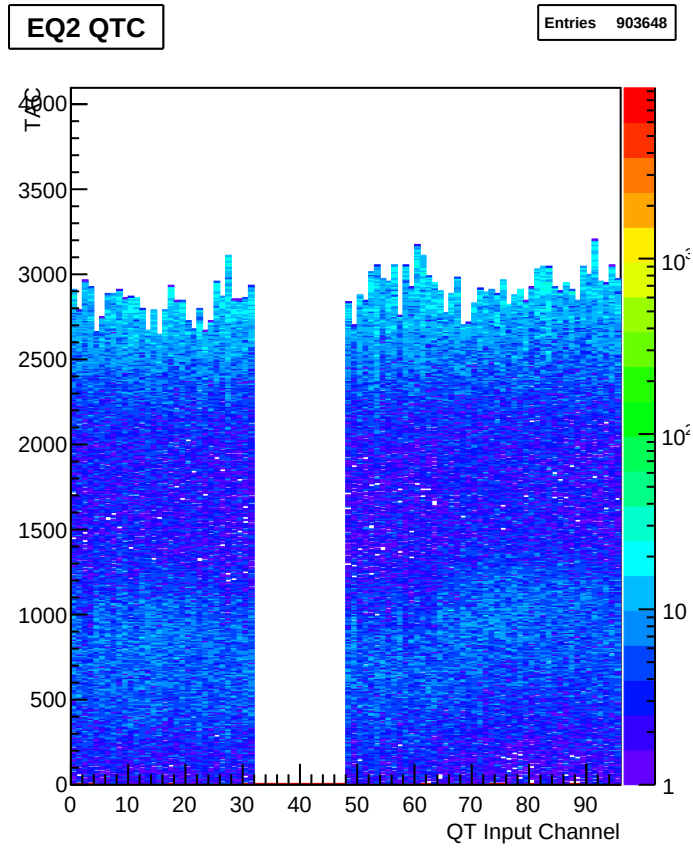

EQ1 QTC
Entries 903648
ADC
QT Input Channel

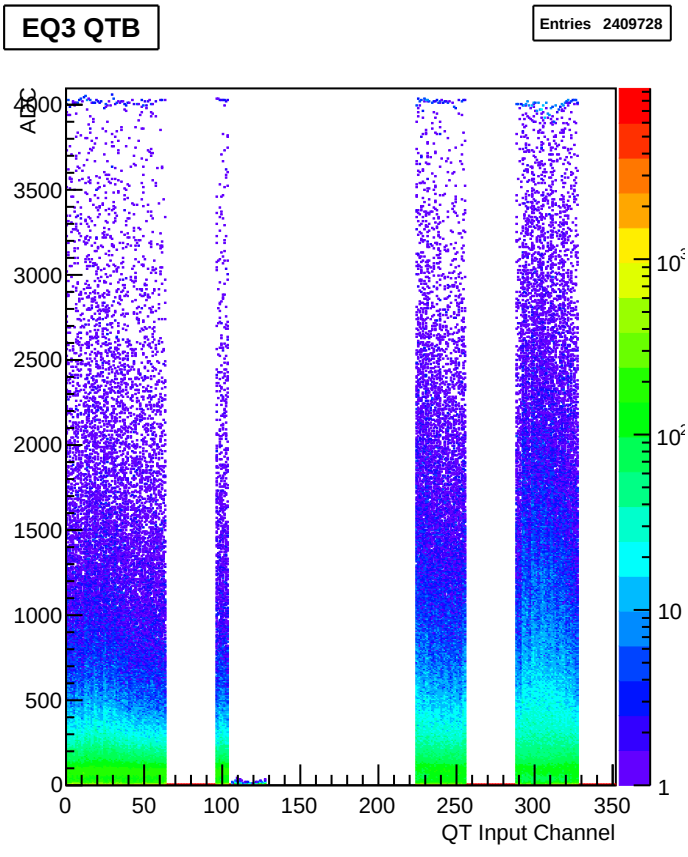

EQ1 QTC
Entries 903648
TADC
QT Input Channel

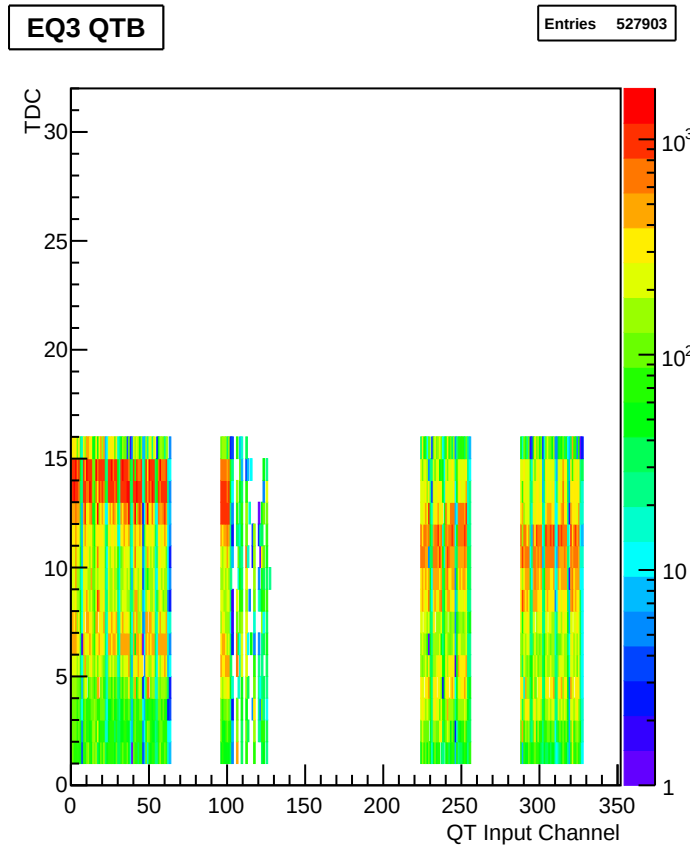

EQ2 QTB
Entries 2710944
ADC
QT Input Channel

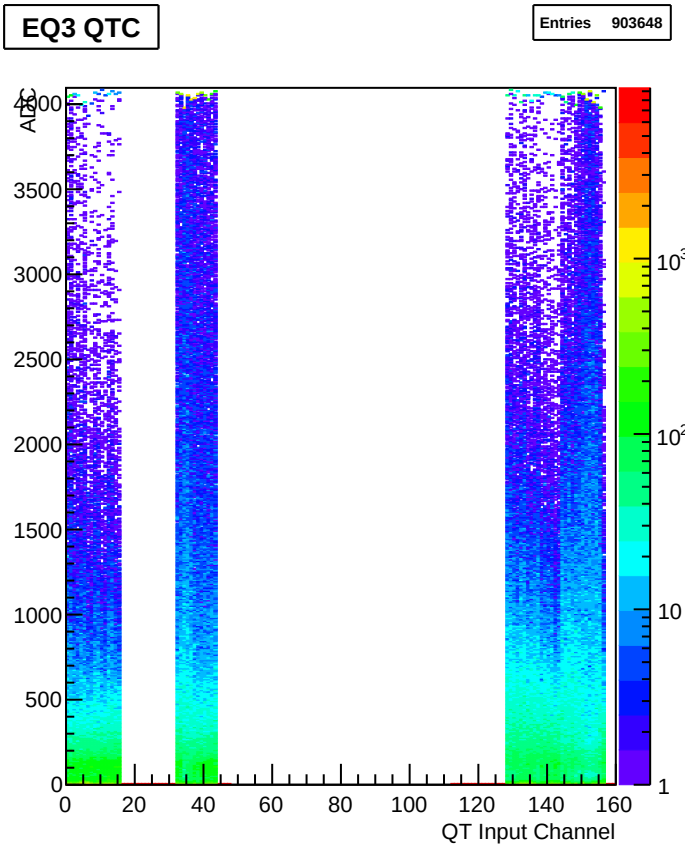

EQ2 QTB
Entries 749479
TDC
QT Input Channel

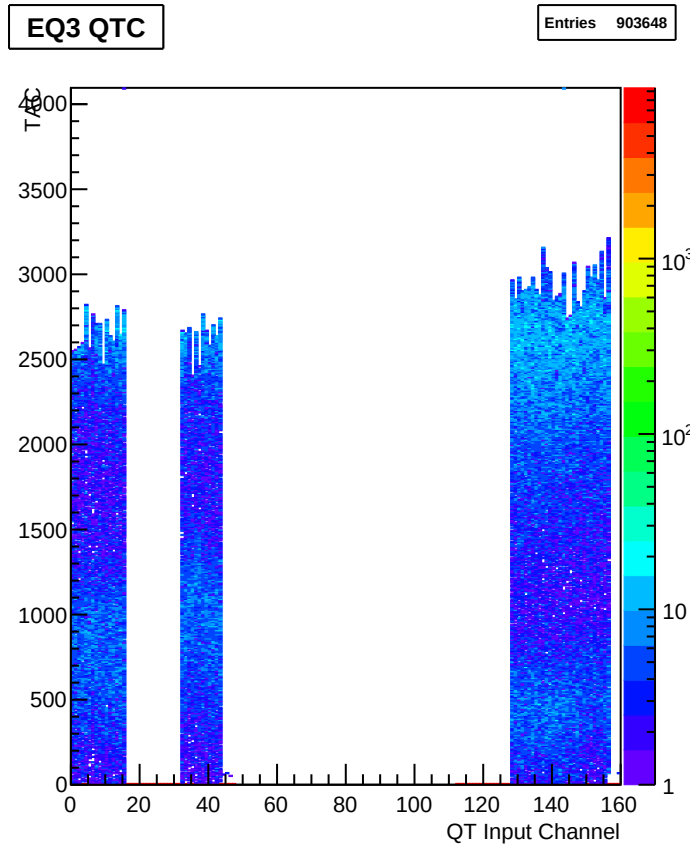

EQ2 QTC
Entries 903648
ADC
QT Input Channel

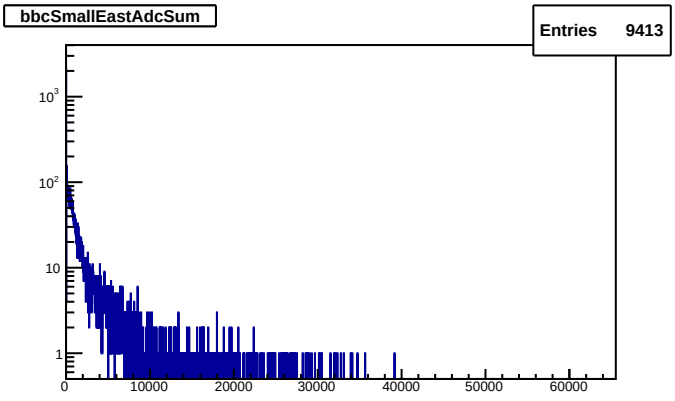

EQ2 QTC
Entries 903648
TADC
QT Input Channel

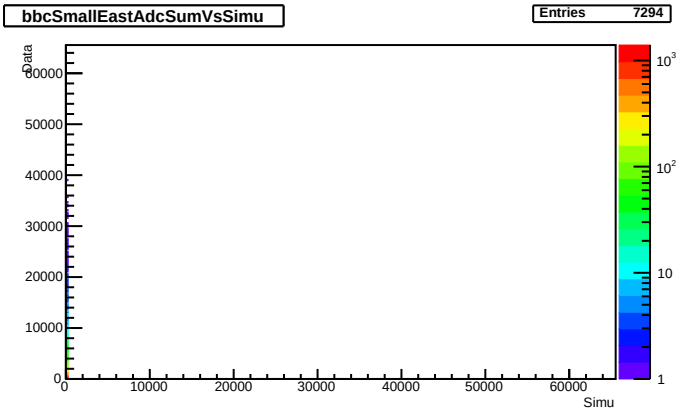

EQ3 QTB
Entries 2409728
ADC
QT Input Channel

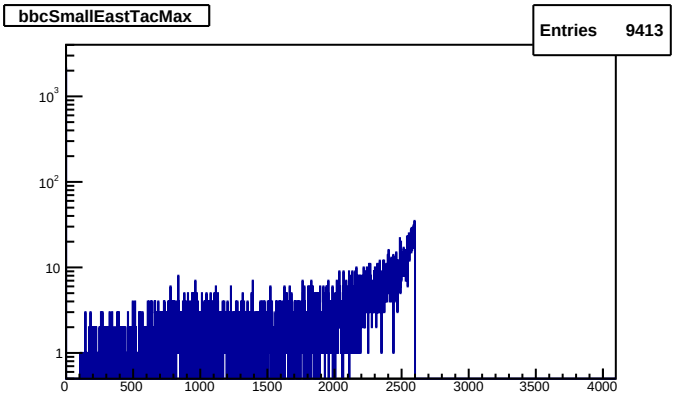

EQ3 QTB
Entries 527903
TDC
QT Input Channel

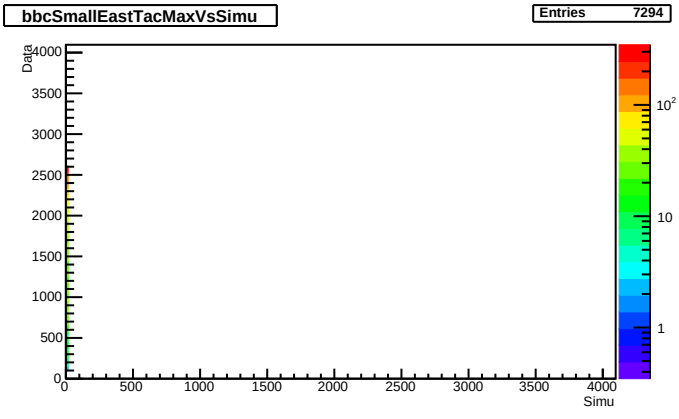

EQ3 QTC
Entries 903648
ADC
QT Input Channel

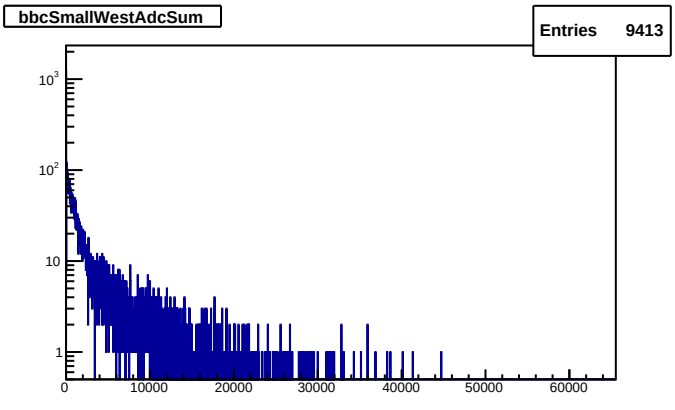

EQ3 QTC
Entries 903648
TADC
QT Input Channel

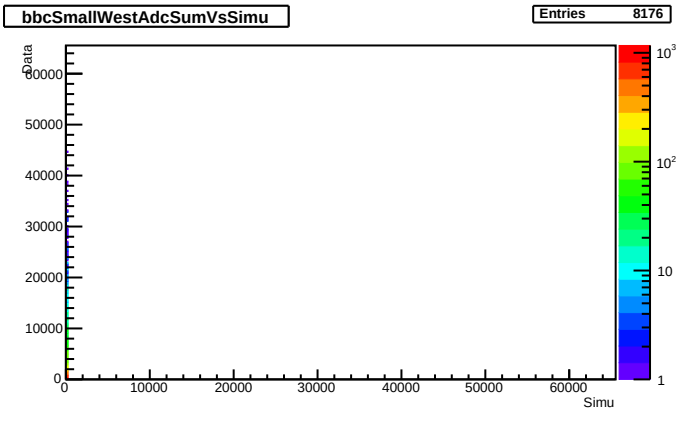

bbcSmallEastAdcSum
Entries 9413

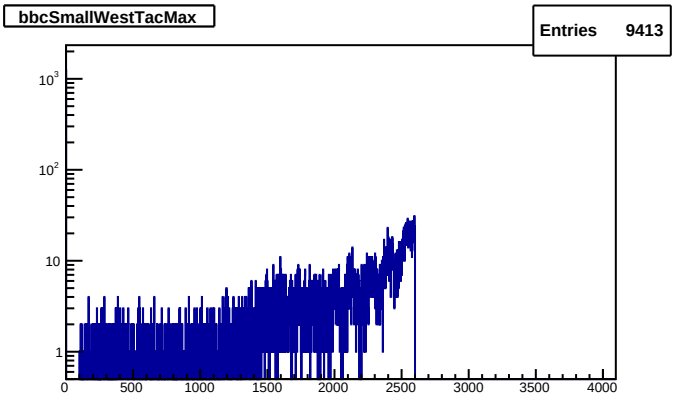

bbcSmallEastAdcSumVsSimu
Entries 7294
Data
Simu

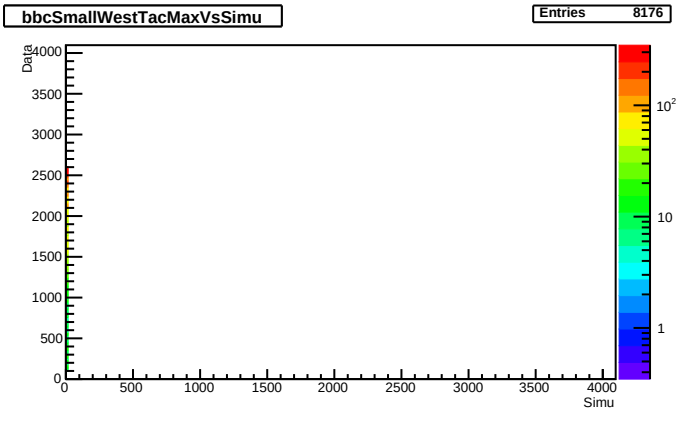

bbcSmallEastTacMax
Entries 9413

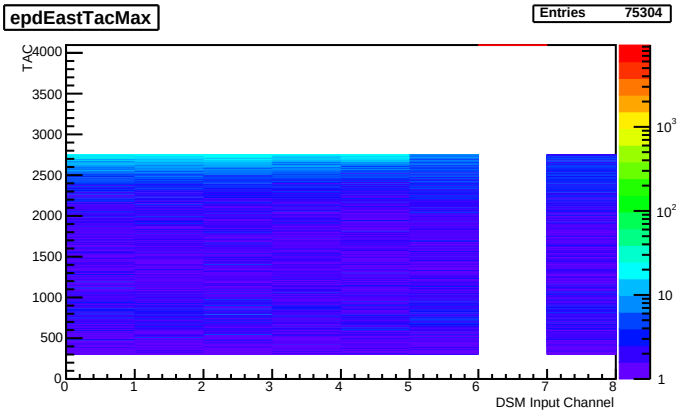

bbcSmallEastTacMaxVsSimu
Entries 7294
Data
Simu

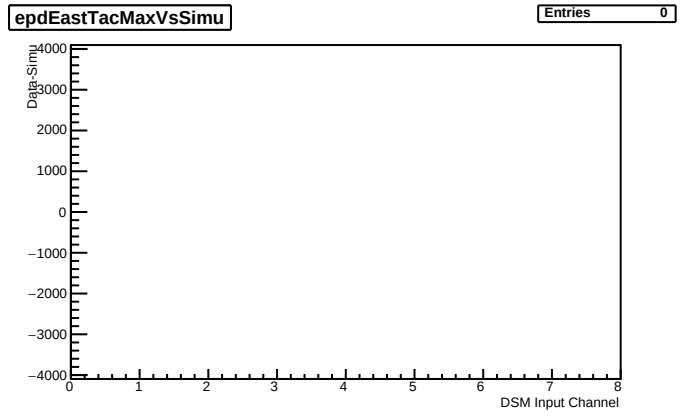

bbcSmallWestAdcSum
Entries 9413

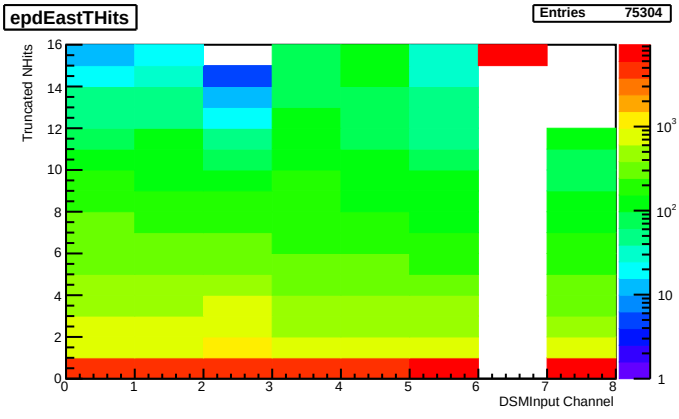

bbcSmallWestAdcSumVsSimu
Entries 8176
Data
Simu

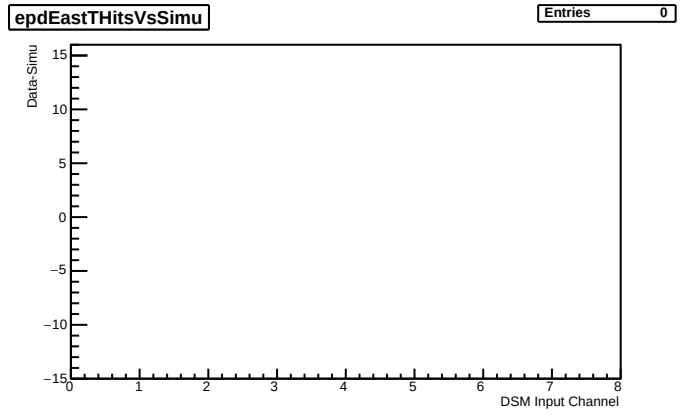

bbcSmallWestTacMax
Entries 9413

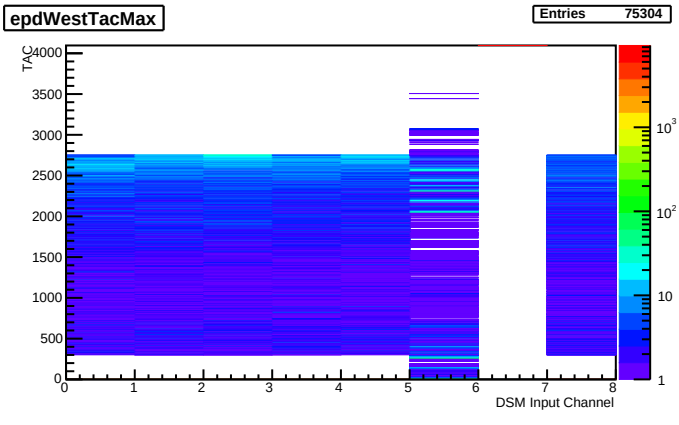

bbcSmallWestTacMaxVsSimu
Entries 8176
Data
Simu

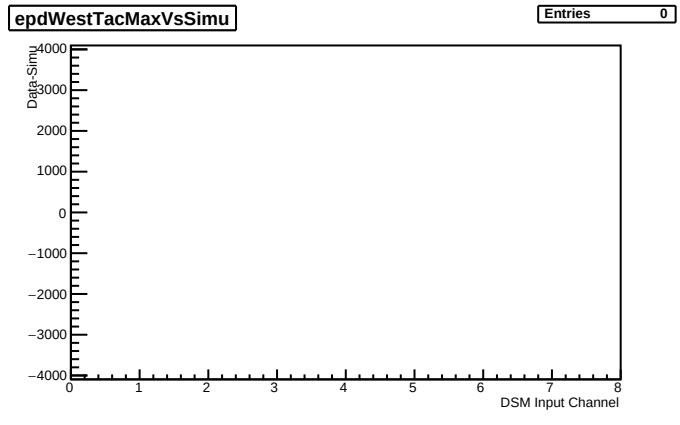

epdEastTacMax
Entries 75304
TAC
DSM Input Channel

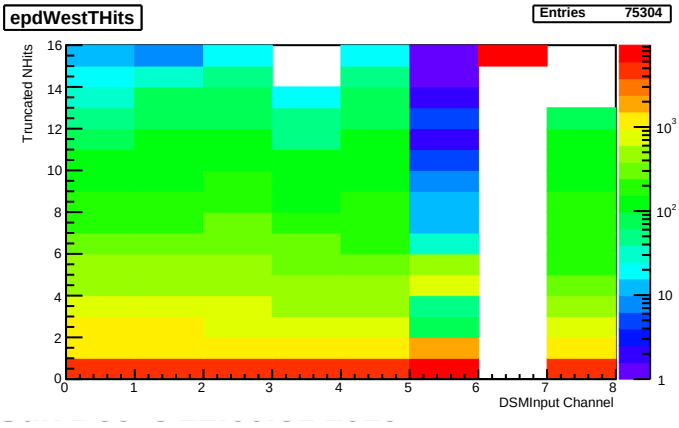

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

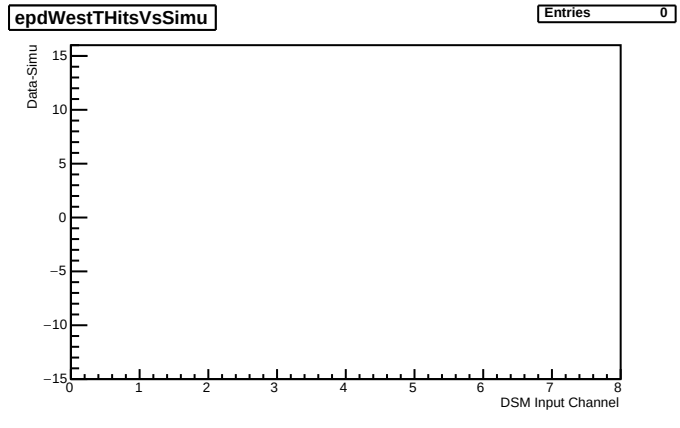

epdEastTHits
Entries 75304
Truncated NHits
DSMInput Channel

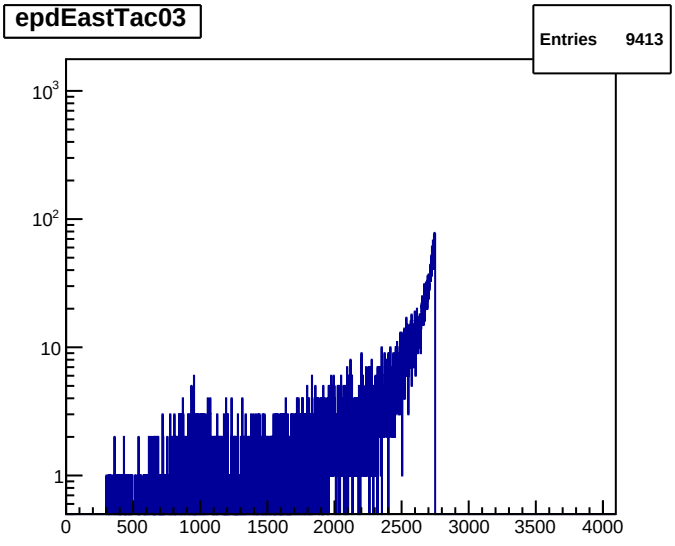

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

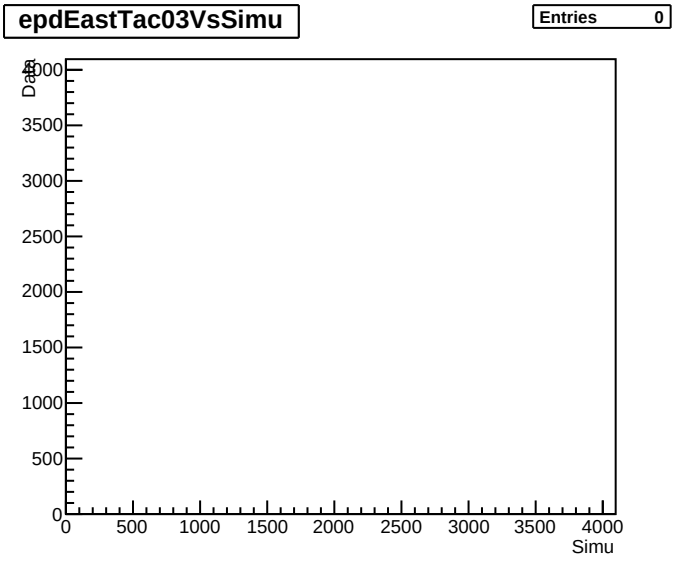

epdWestTacMax
Entries 75304
TAC
DSM Input Channel

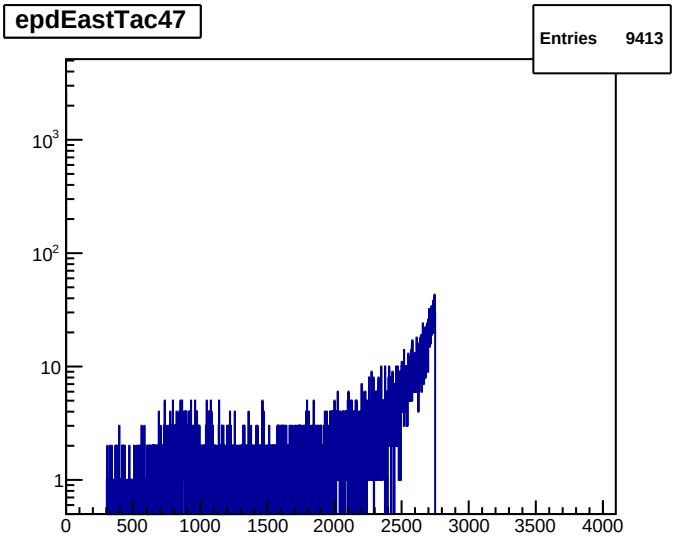

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

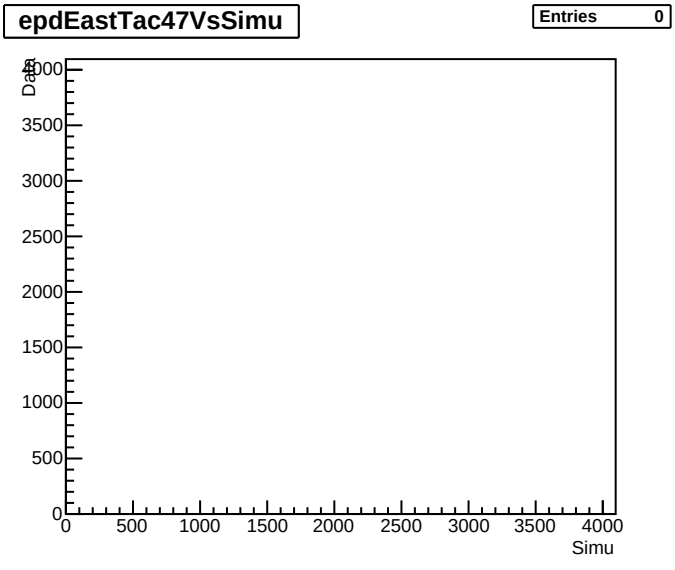

epdWestTHits
Entries 75304
Truncated NHits
DSMInput Channel

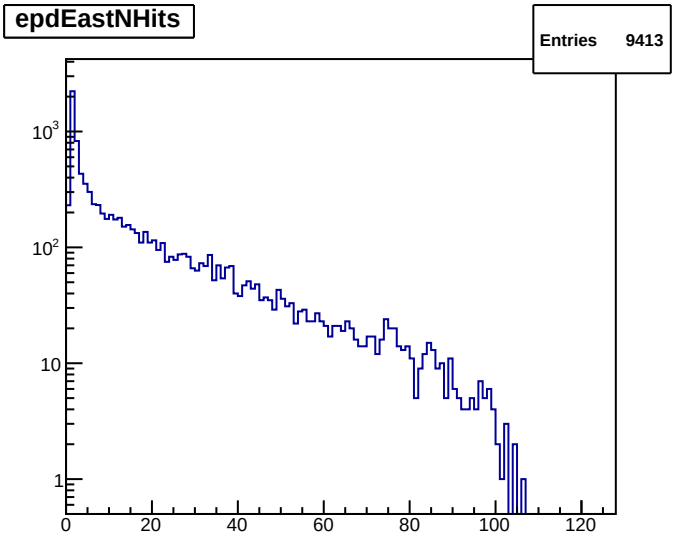

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

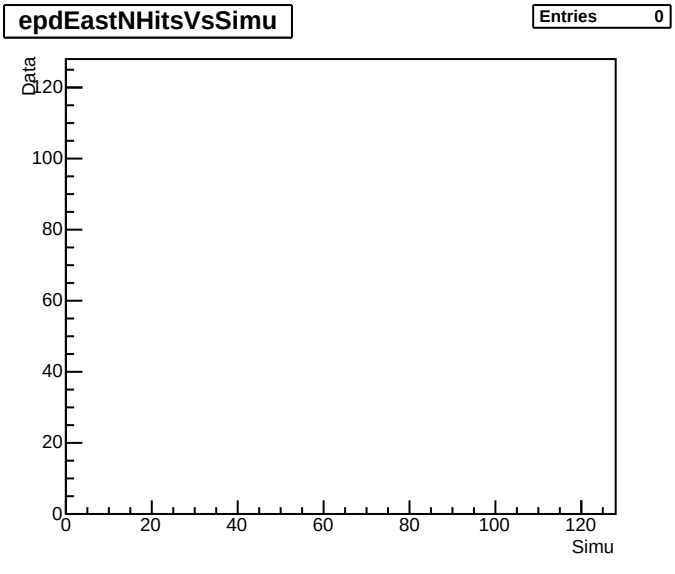

epdEastTac03
Entries 9413
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

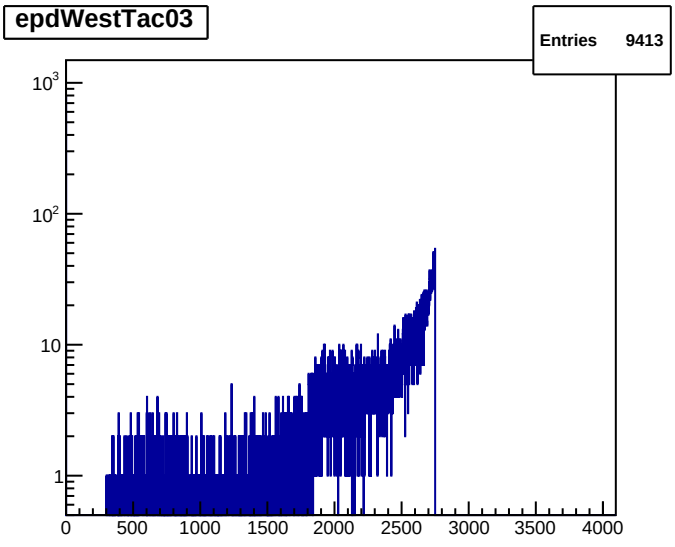

epdEastTac03VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

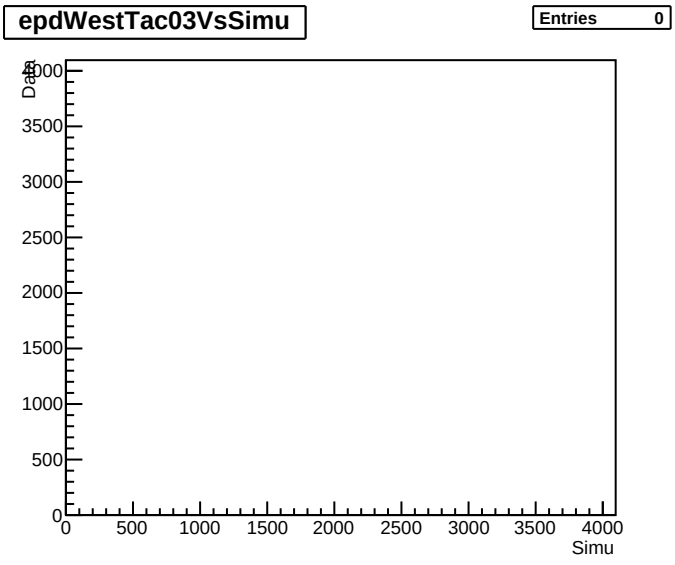

epdEastTac47
Entries 9413
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

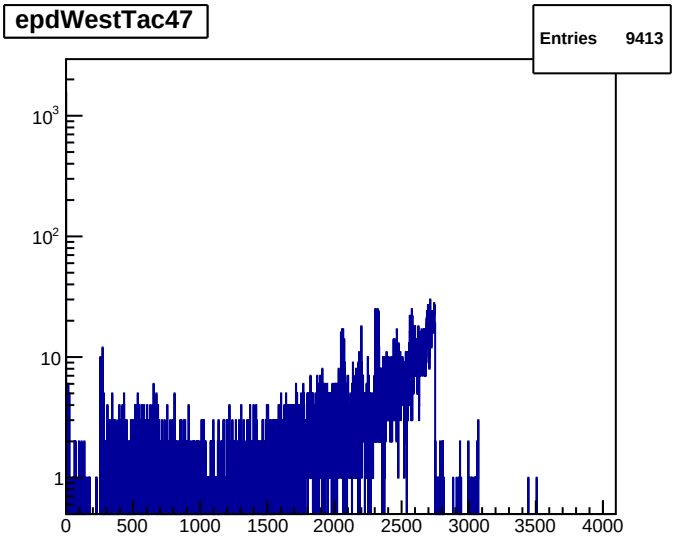

epdEastTac47VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

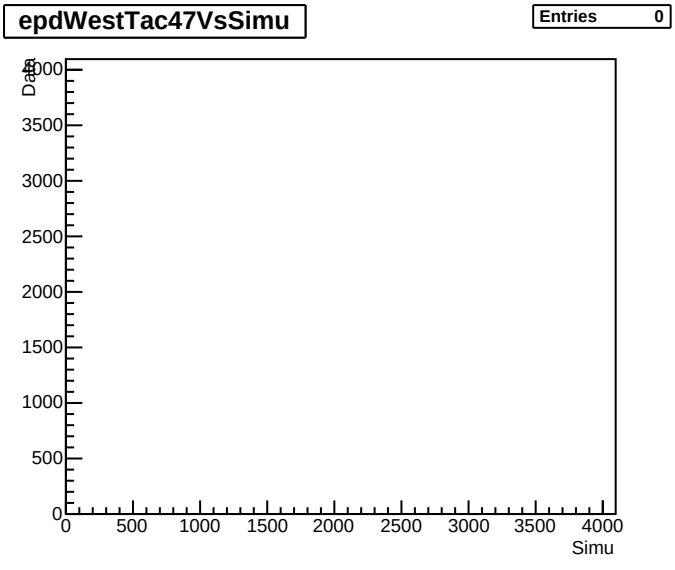

epdEastNHits
Entries 9413
10^3
10^2
10
1
0 20 40 60 80 100 120

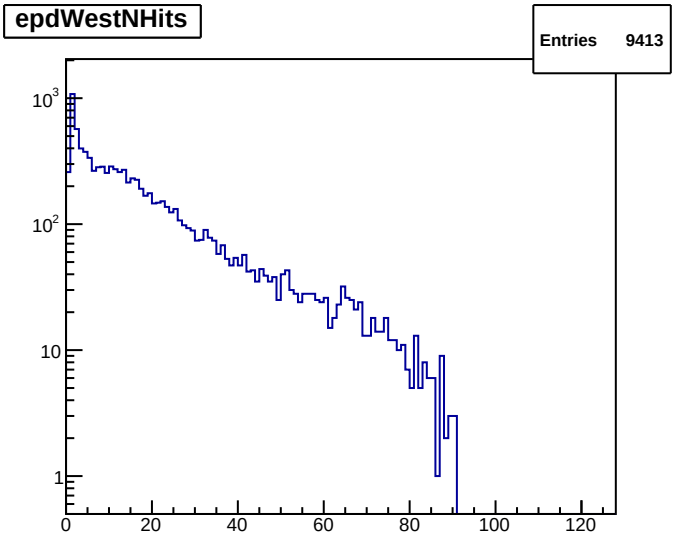

epdEastNHitsVsSimu
Entries 0
Data
120
100
80
60
40
20
0
0 20 40 60 80 100 120
Simu

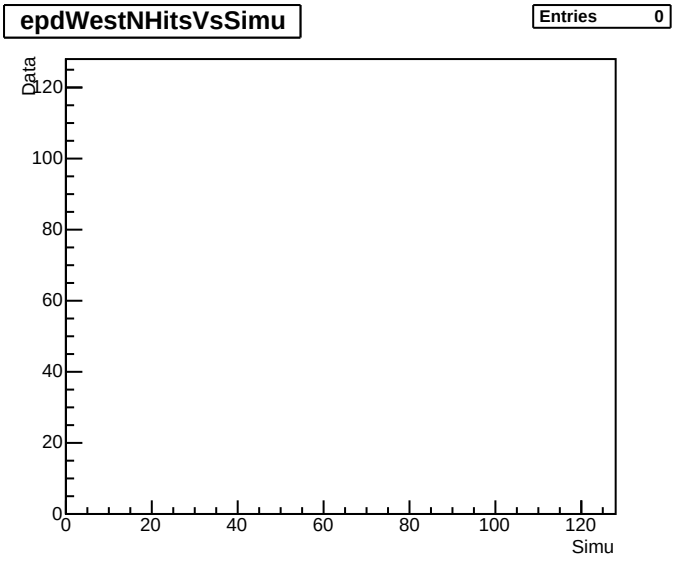

epdWestTac03
Entries 9413

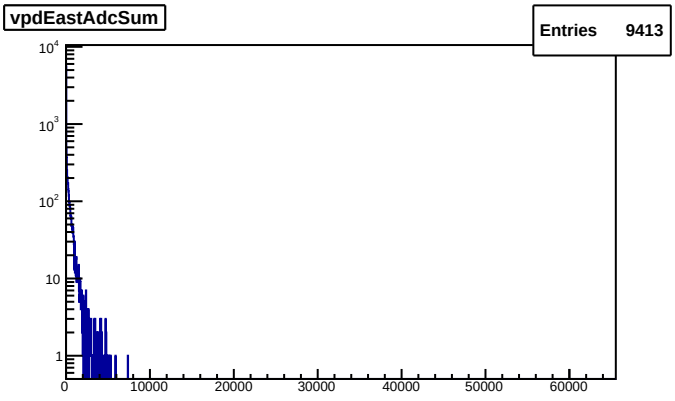

epdWestTac03VsSimu
Entries 0
Data
Simu

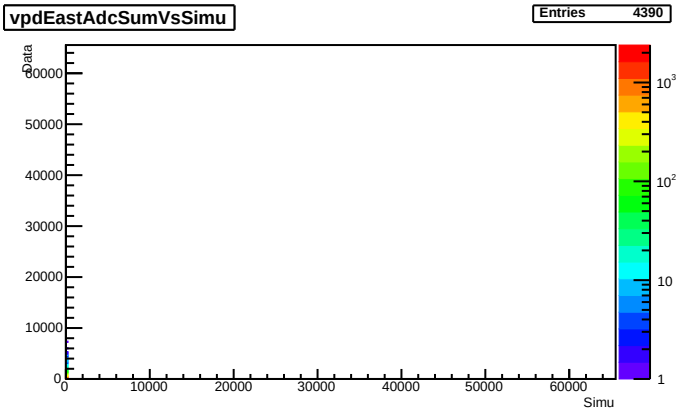

epdWestTac47
Entries 9413

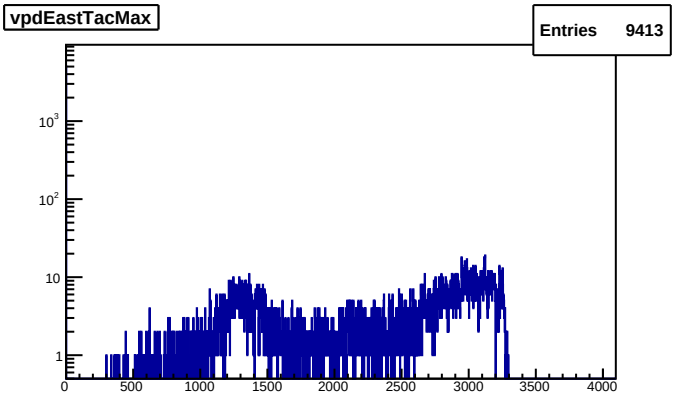

epdWestTac47VsSimu
Entries 0
Data
Simu

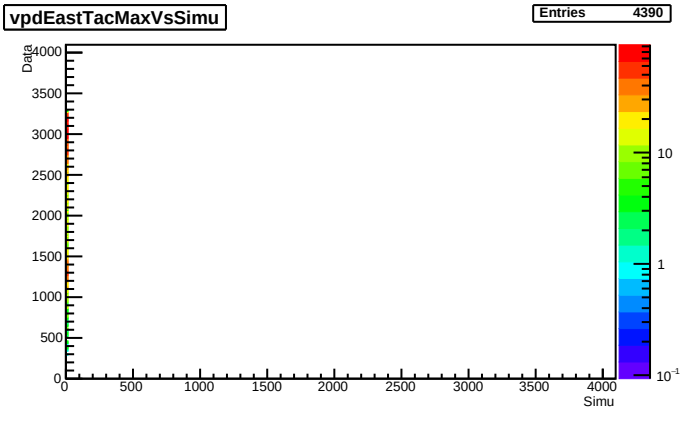

epdWestNHits
Entries 9413

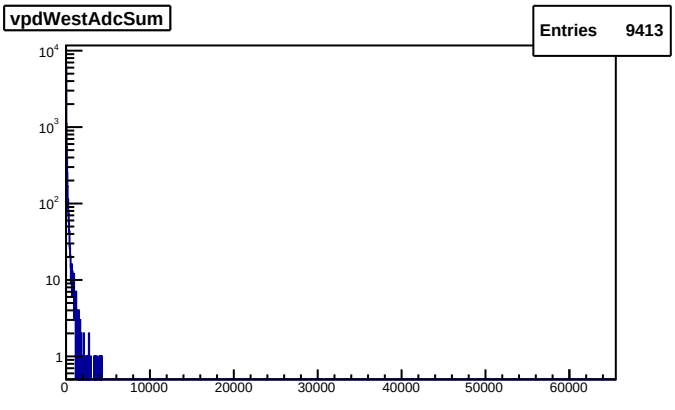

epdWestNHitsVsSimu
Entries 0
Data
Simu

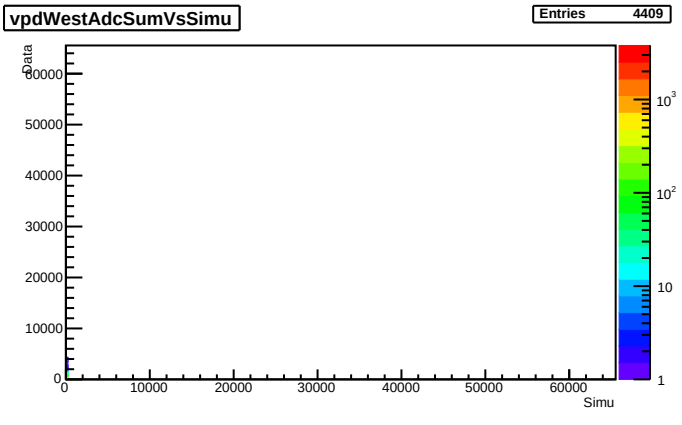

vpdEastAdcSum
Entries 9413

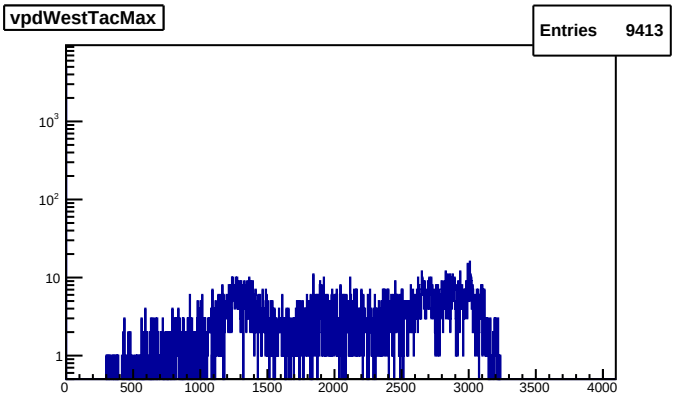

vpdEastAdcSumVsSimu
Entries 4390
Data
Simu

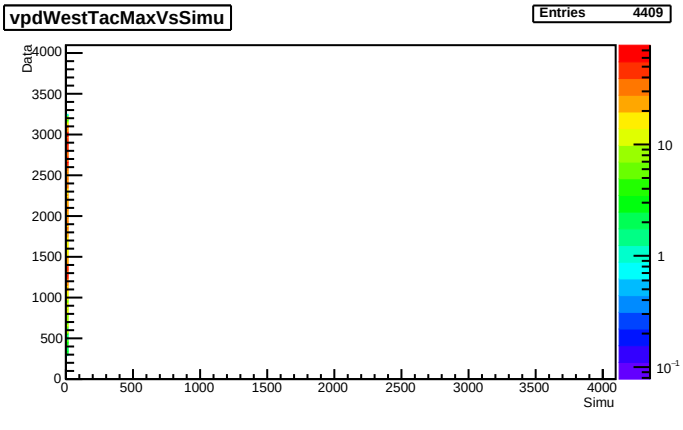

vpdEastTacMax
Entries 9413

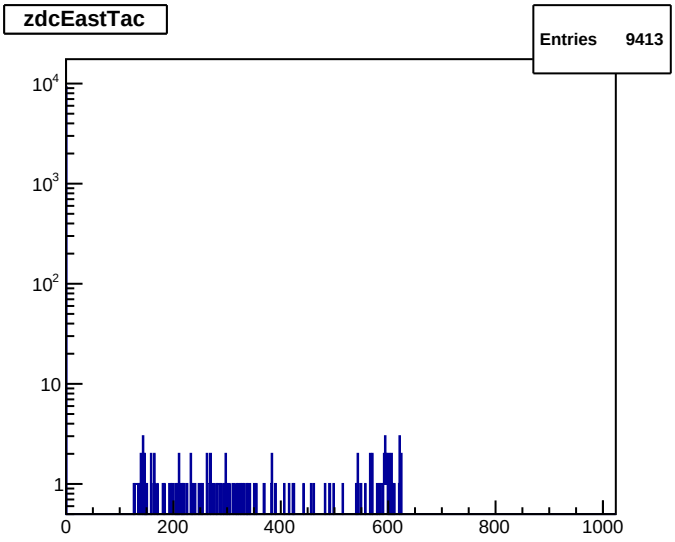

vpdEastTacMaxVsSimu
Entries 4390
Data
Simu

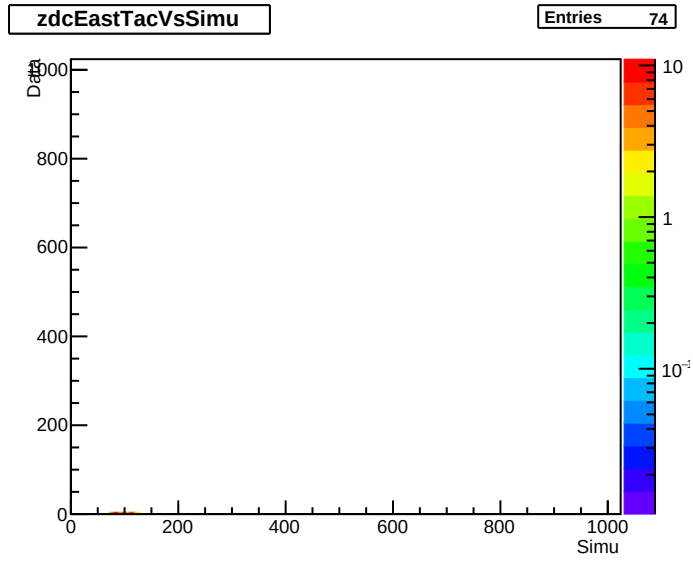

vpdWestAdcSum
Entries 9413

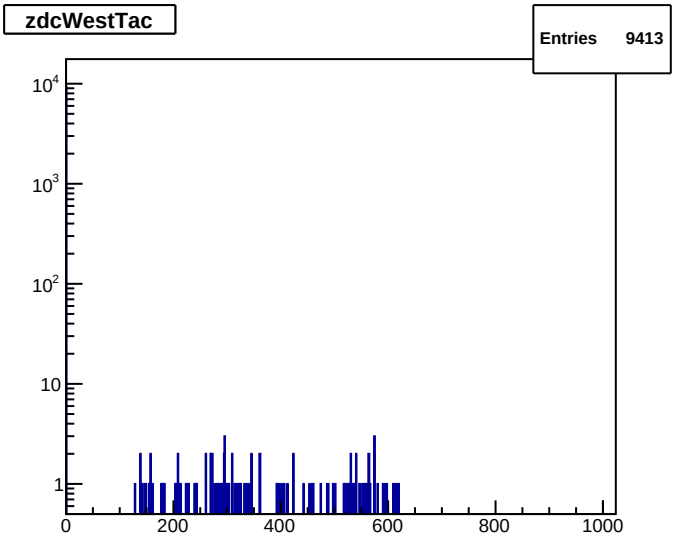

vpdWestAdcSumVsSimu
Entries 4409
Data
Simu

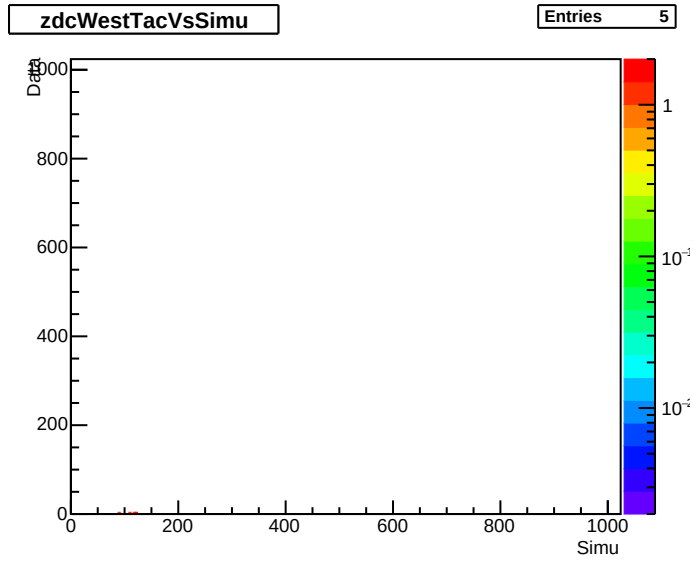

vpdWestTacMax
Entries 9413

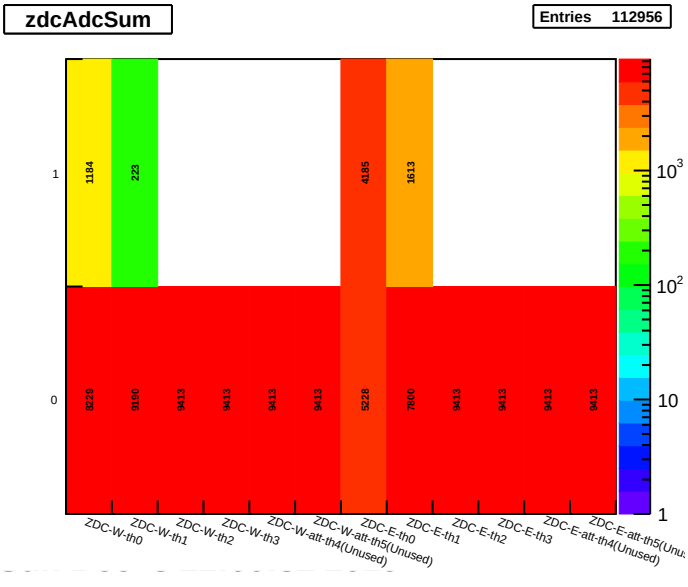

vpdWestTacMaxVsSimu
Entries 4409
Data
Simu

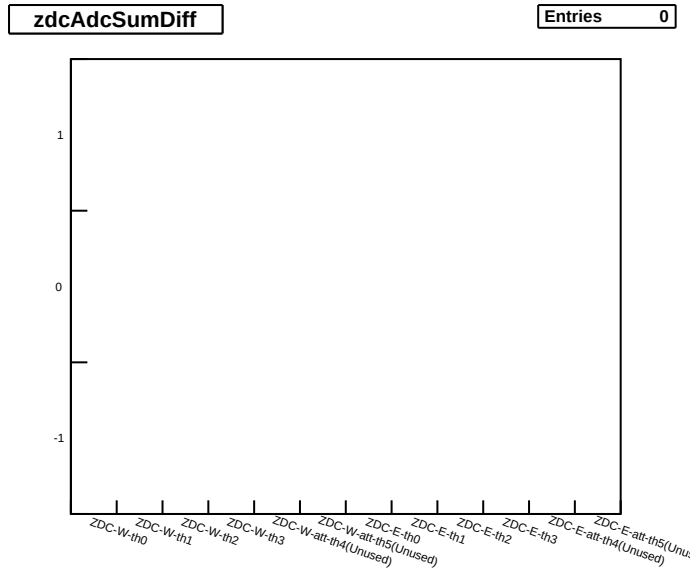

zdcEastTac
Entries 9413

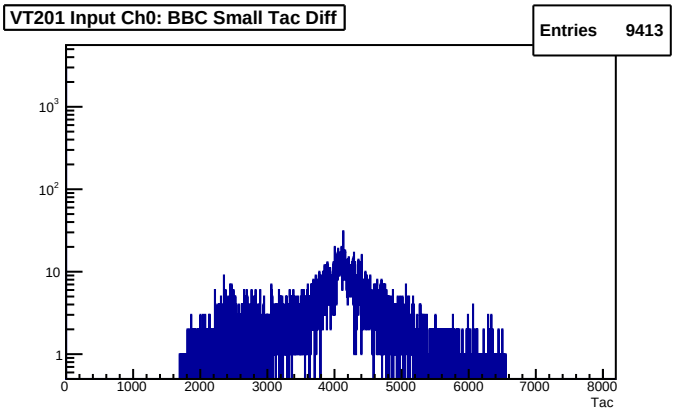

zdcEastTacVsSimu
Entries 74
Data
Simu

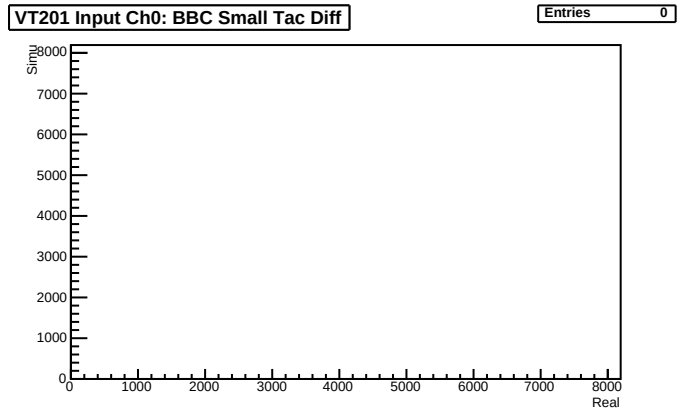

zdcWestTac
Entries 9413

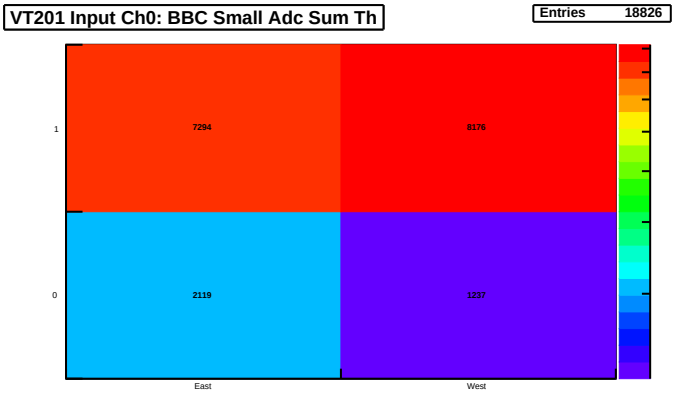

zdcWestTacVsSimu
Entries 5
Data
Simu

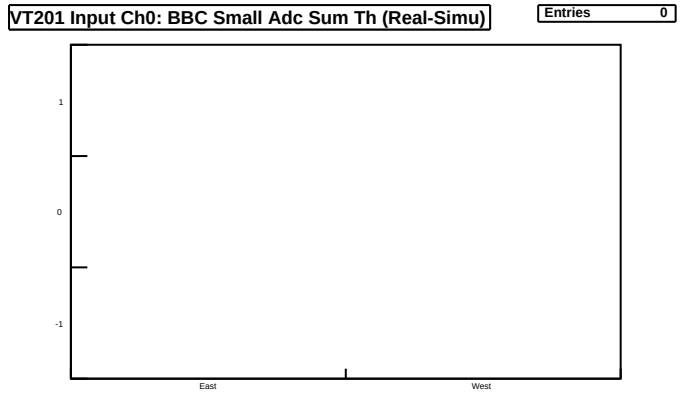

zdcAdcSum
Entries 112956
1184
223
4185
1613
8229
9190
9413
9413
9413
9413
5228
7800
9413
9413
9413
9413
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

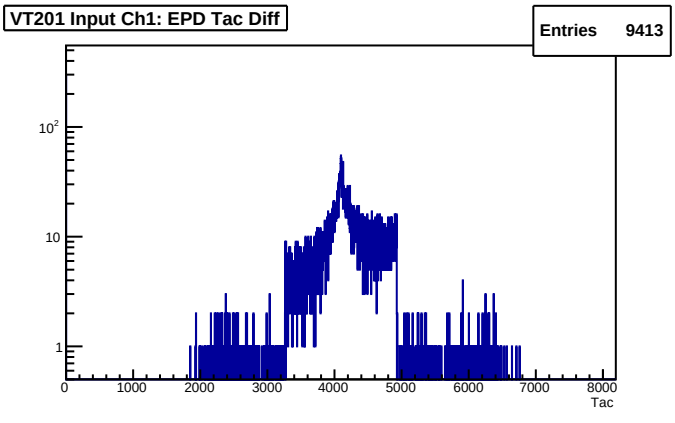

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

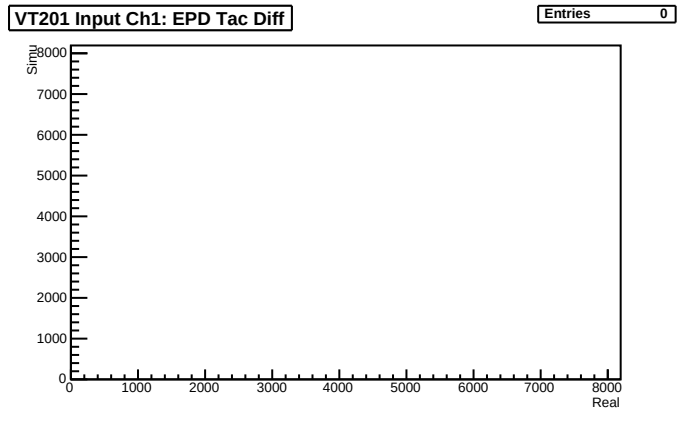

VT201 Input Ch0: BBC Small Tac Diff
Entries 9413
Tac

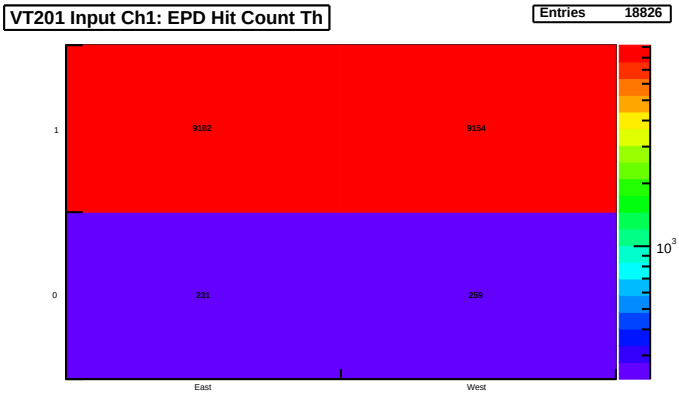

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

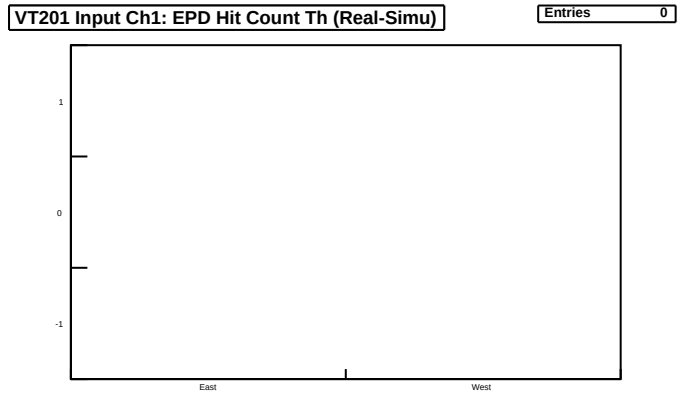

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 18826
7294
8176
2119
1237
East
West

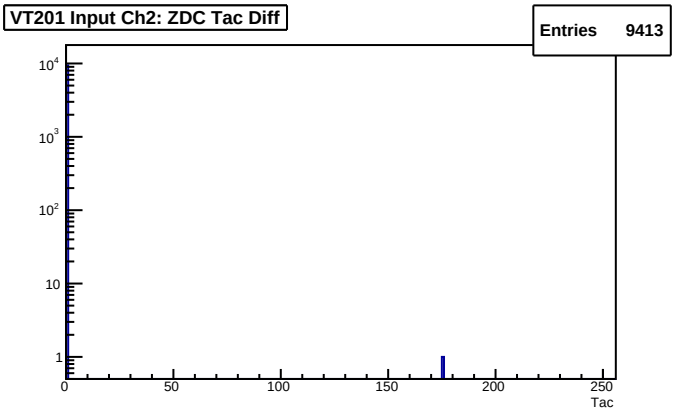

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

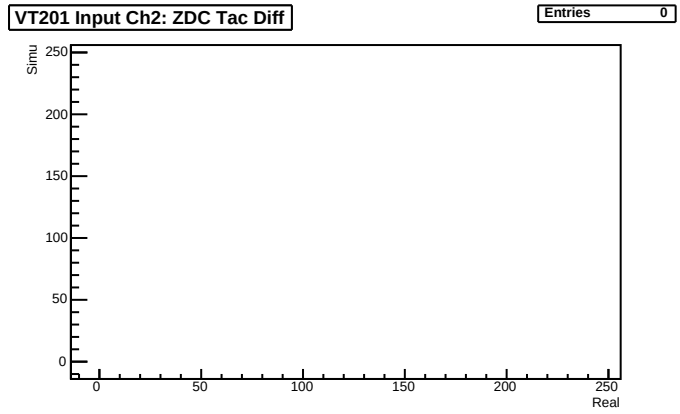

VT201 Input Ch1: EPD Tac Diff
Entries 9413
Tac

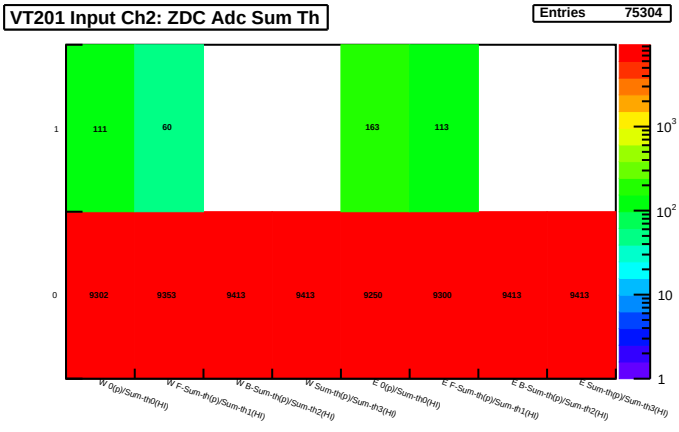

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

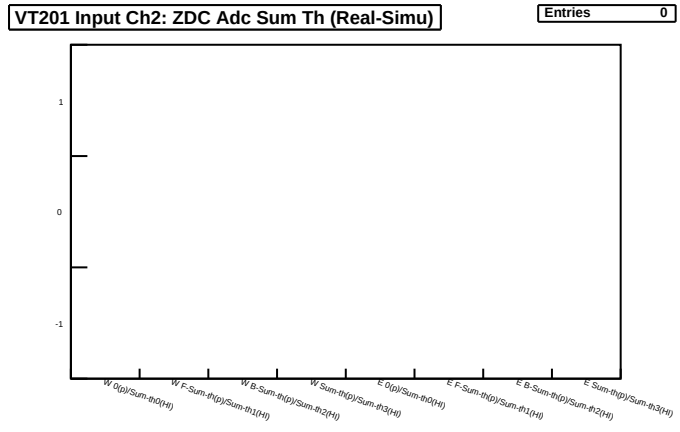

VT201 Input Ch1: EPD Hit Count Th
Entries 18826
9182
9154
231
259
East
West

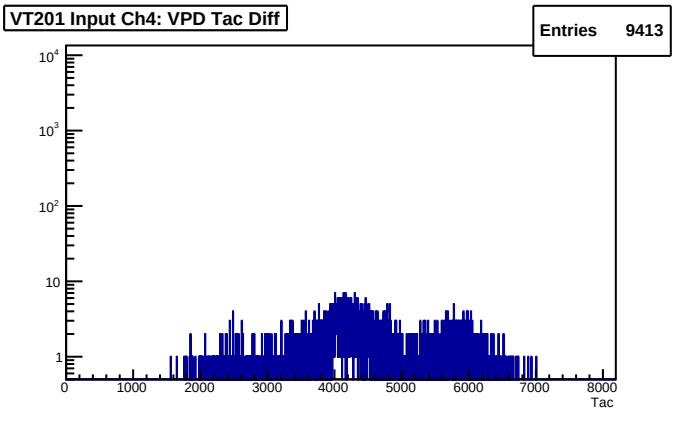

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

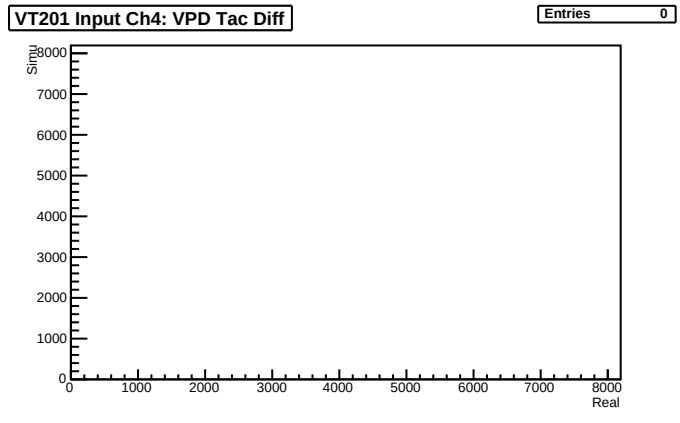

VT201 Input Ch2: ZDC Tac Diff
Entries 9413
Tac

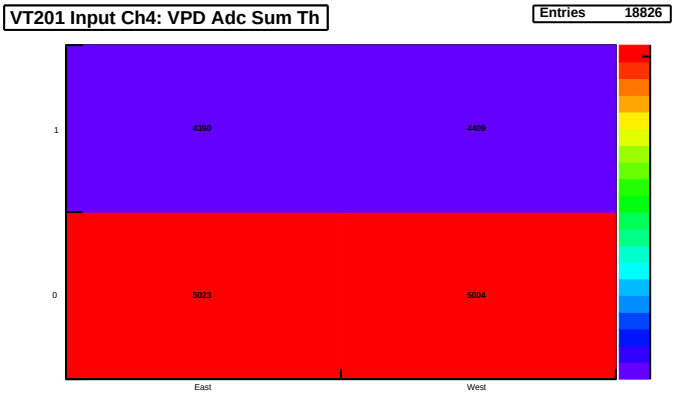

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

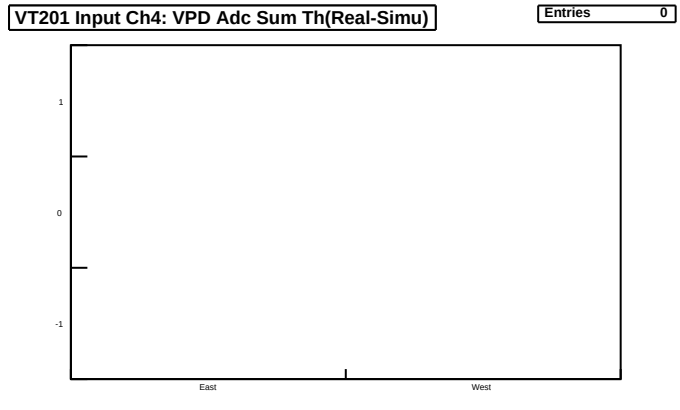

VT201 Input Ch2: ZDC Adc Sum Th
Entries 75304
111
60
163
113
9302
9353
9413
9413
9250
9300
9413
9413
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

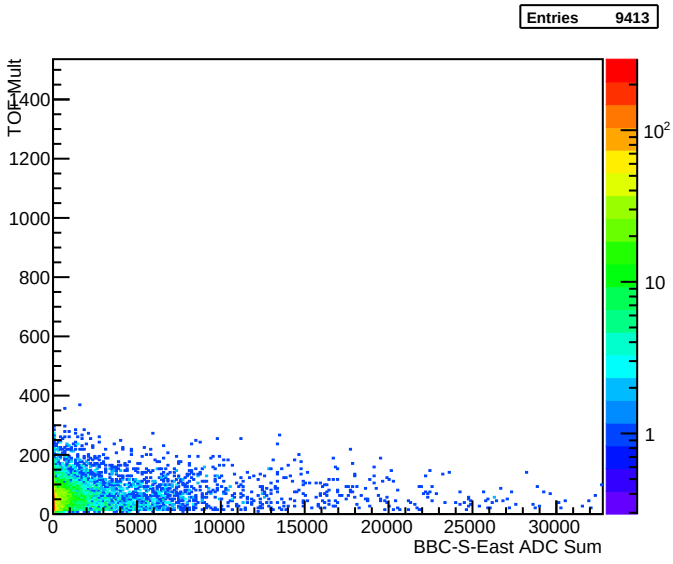

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

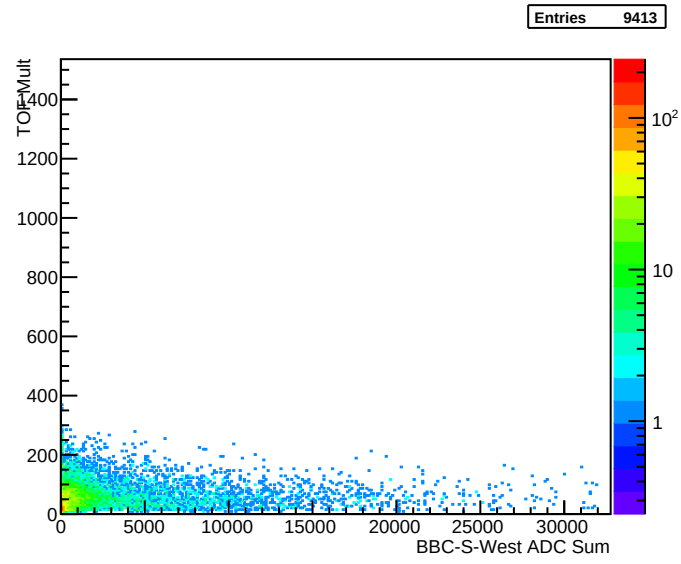

VT201 Input Ch4: VPD Tac Diff
Entries 9413
Tac

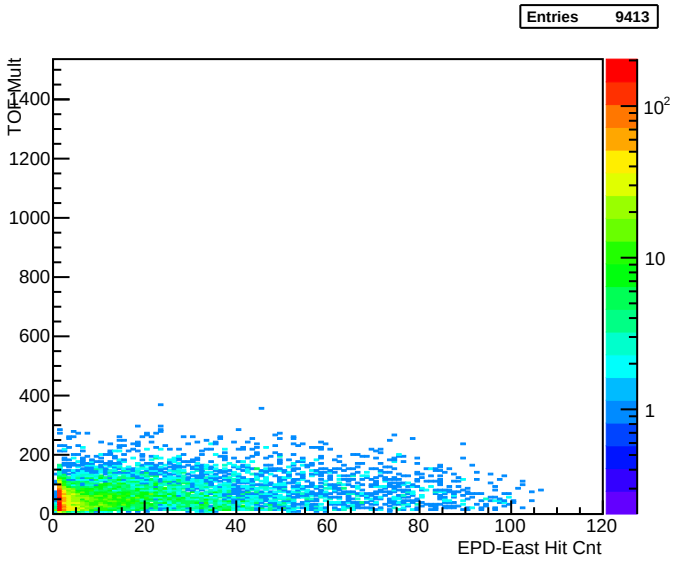

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

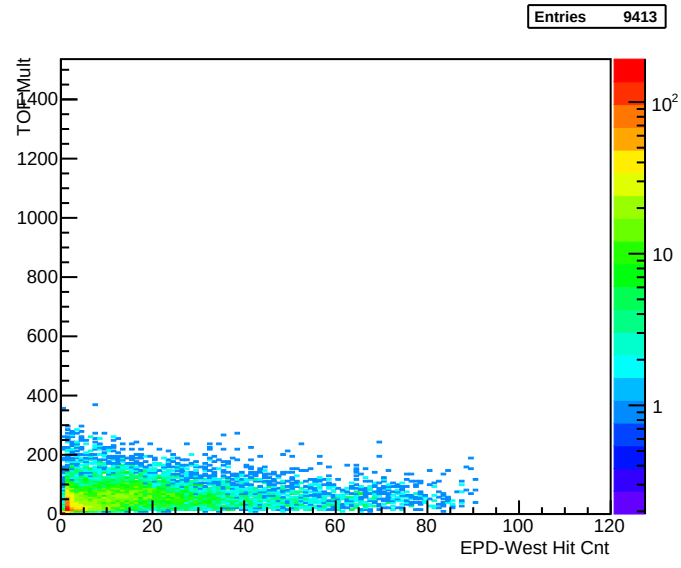

VT201 Input Ch4: VPD Adc Sum Th
Entries 18826
4390
4409
5023
5004
East
West

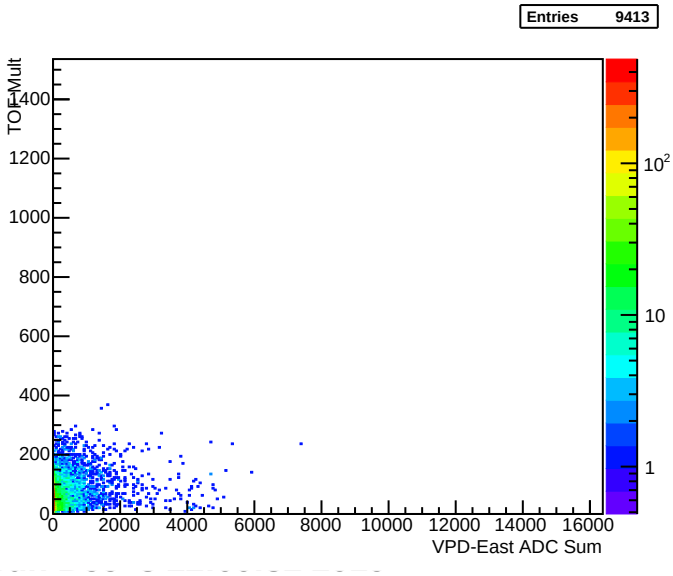

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

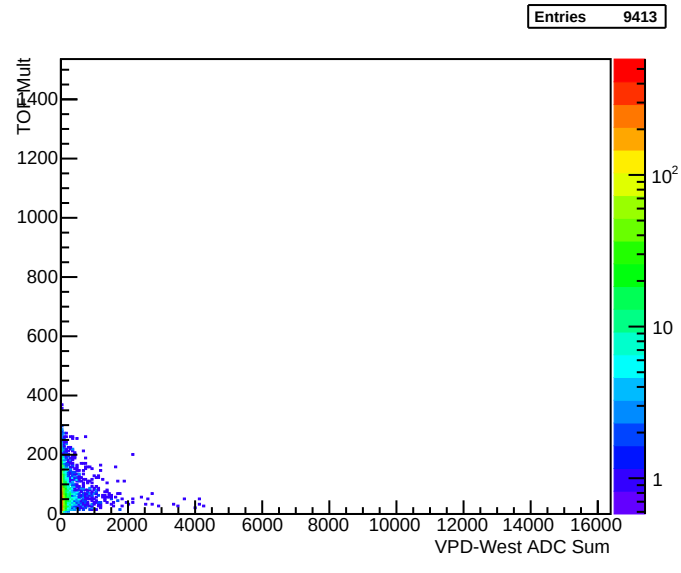

Entries 9413
TOF-Mult
BBC-S-East ADC Sum

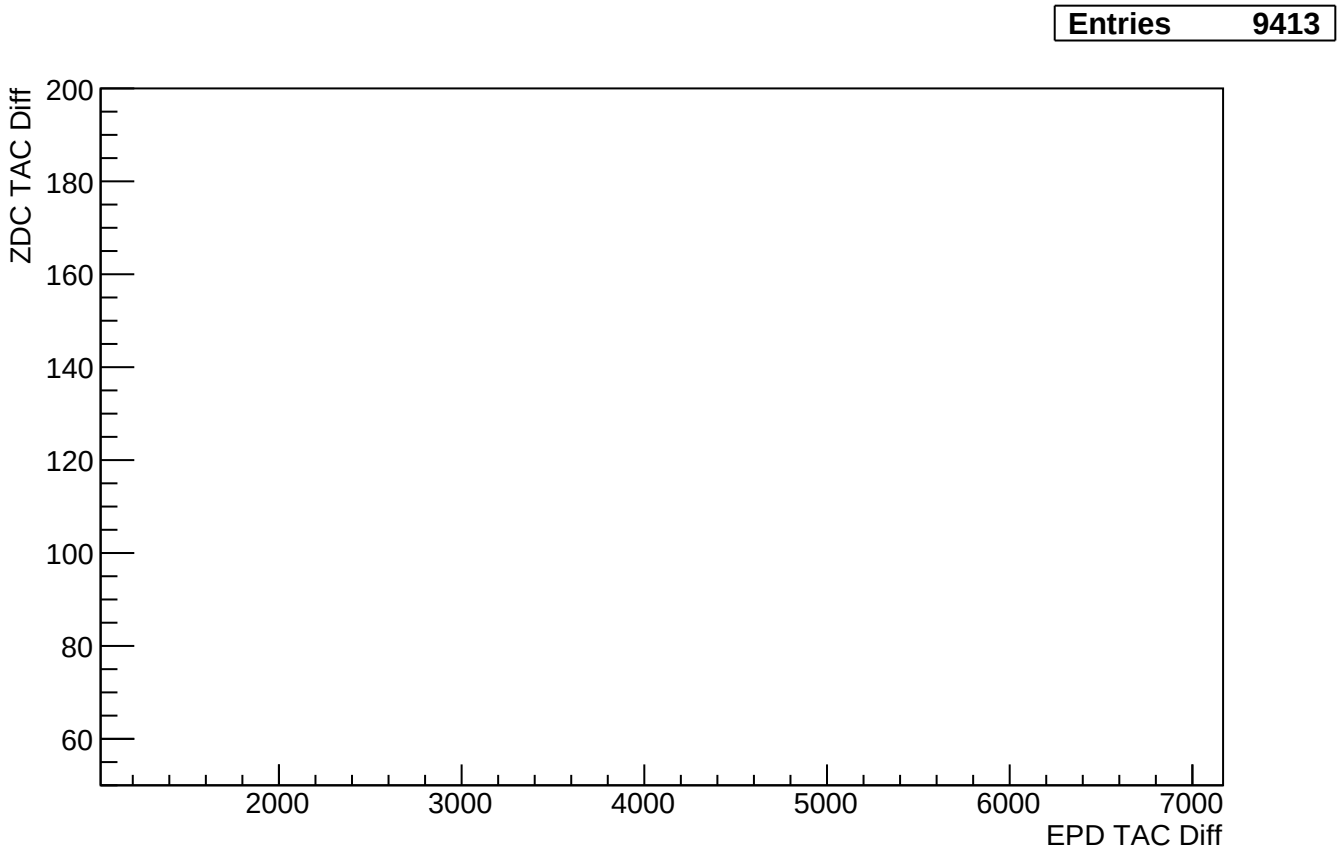

Entries 9413
TOF-Mult
BBC-S-West ADC Sum

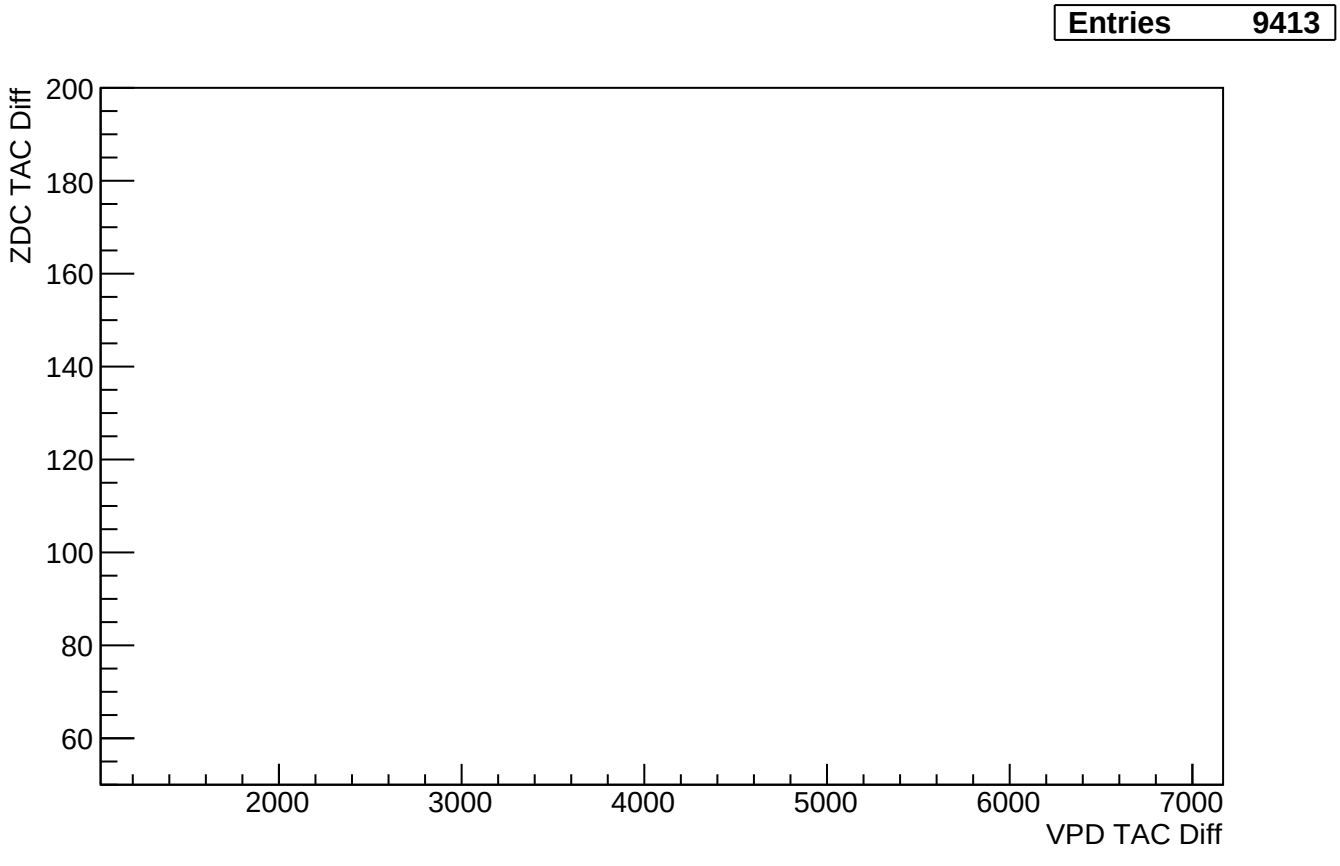

Entries 9413
TOF-Mult
EPD-East Hit Cnt

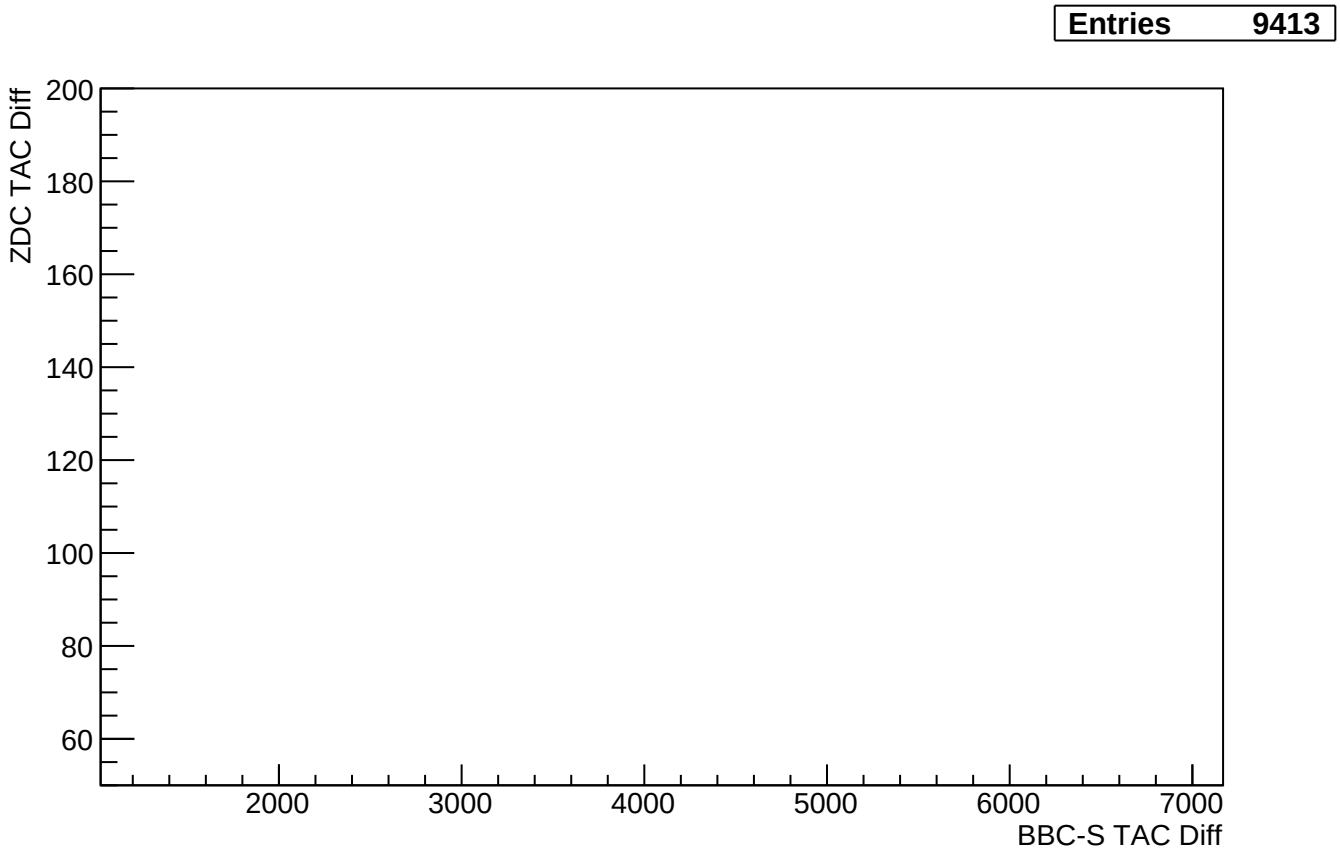

Entries 9413
TOF-Mult
EPD-West Hit Cnt

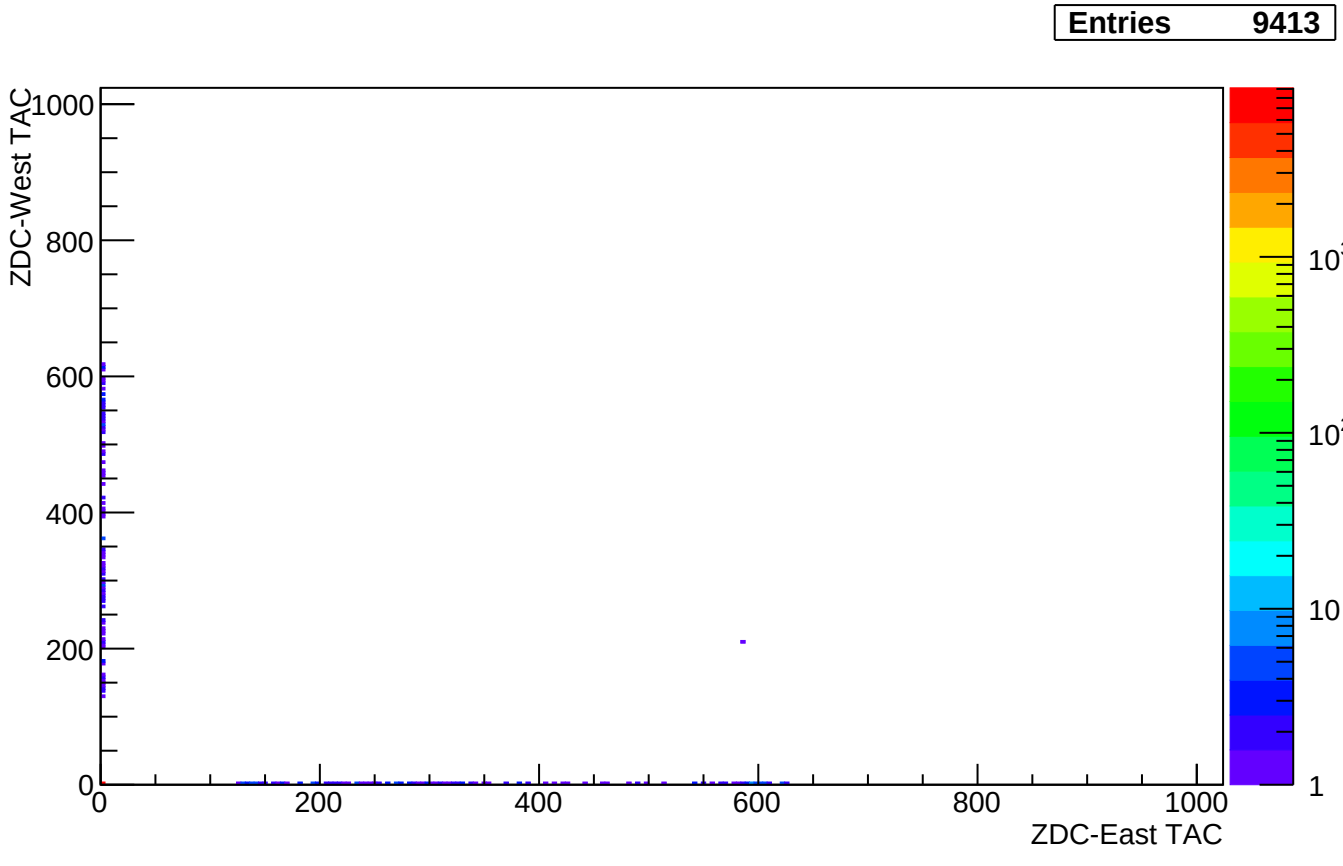

Entries 9413
TOF-Mult
VPD-East ADC Sum

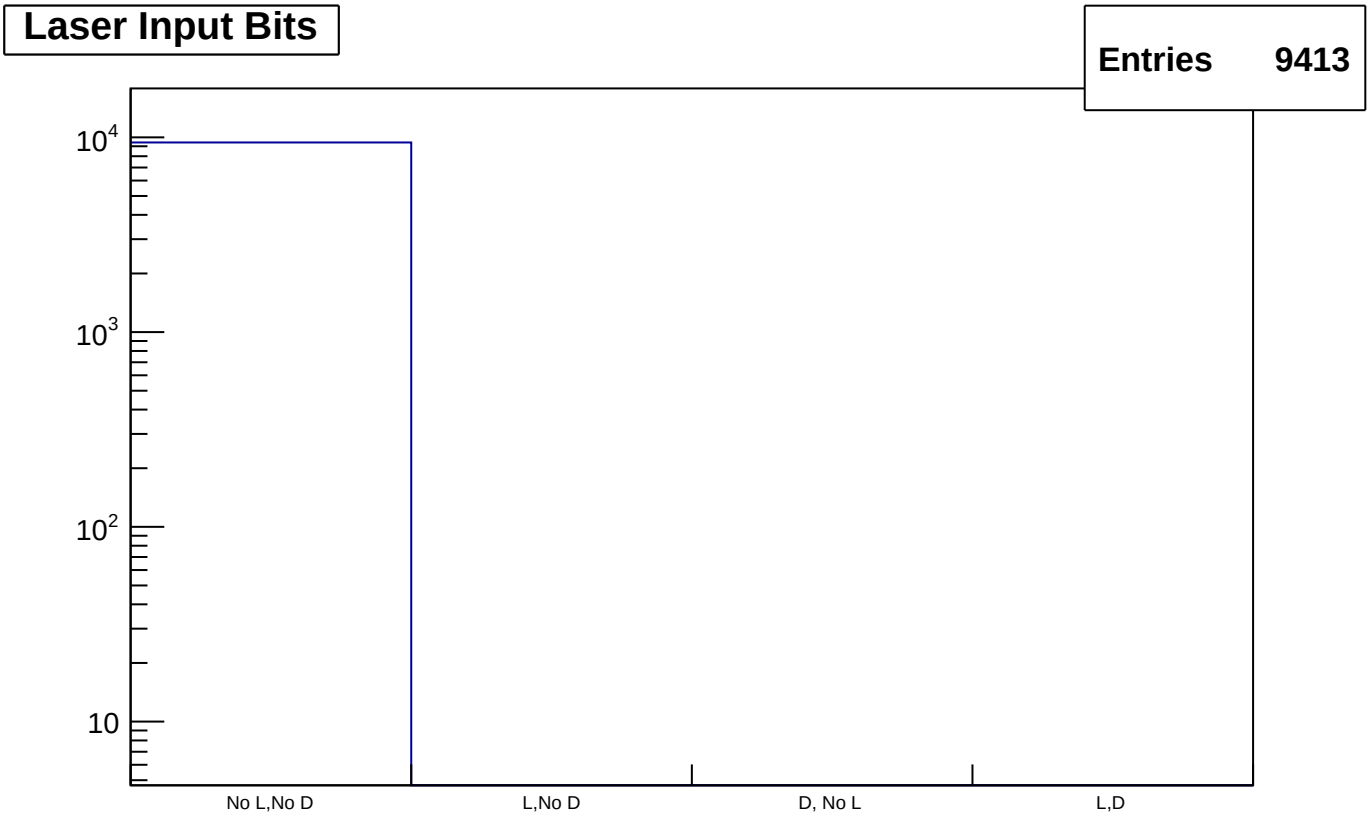

Entries 9413
TOF-Mult
VPD-West ADC Sum

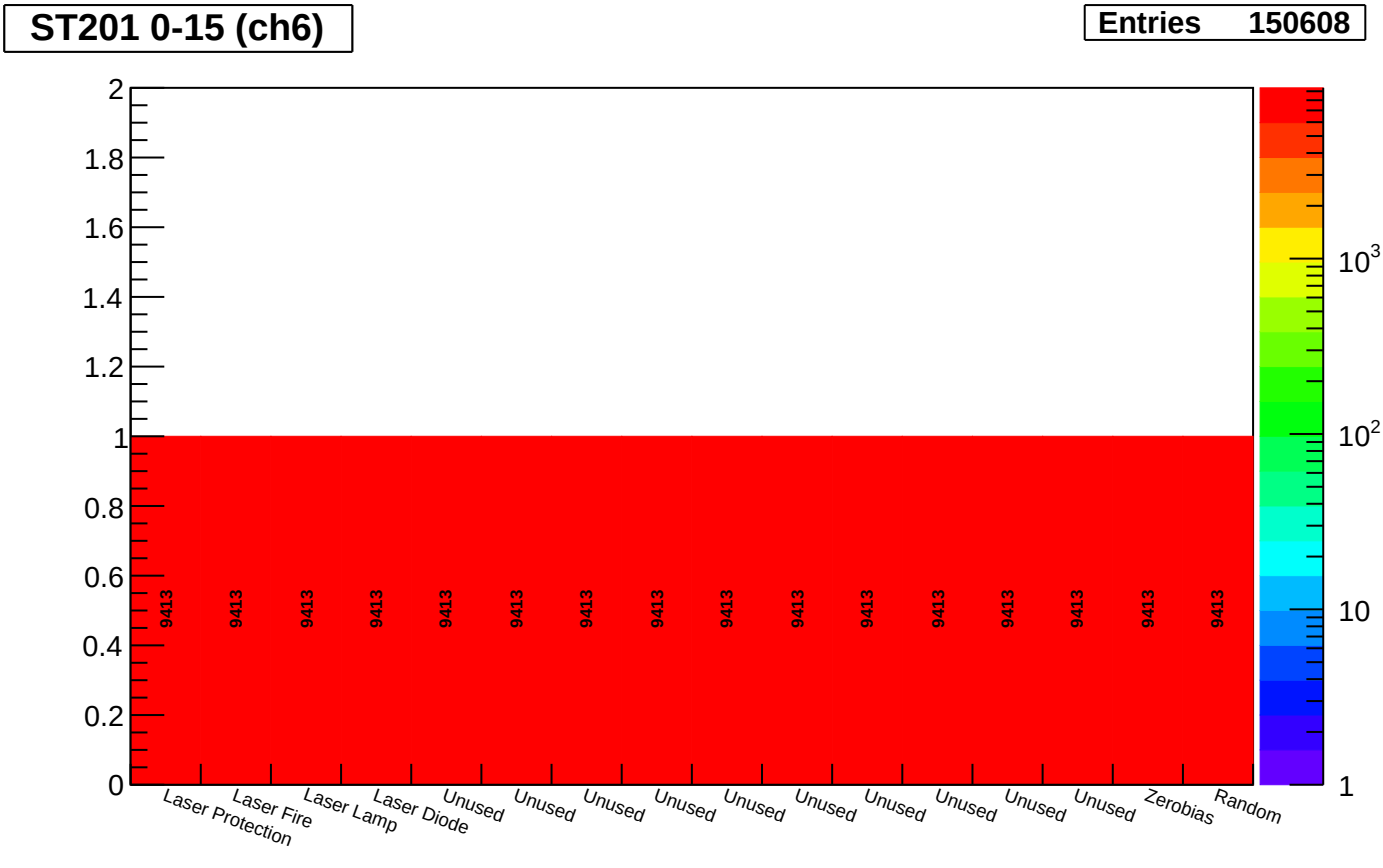

Entries 9413
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff

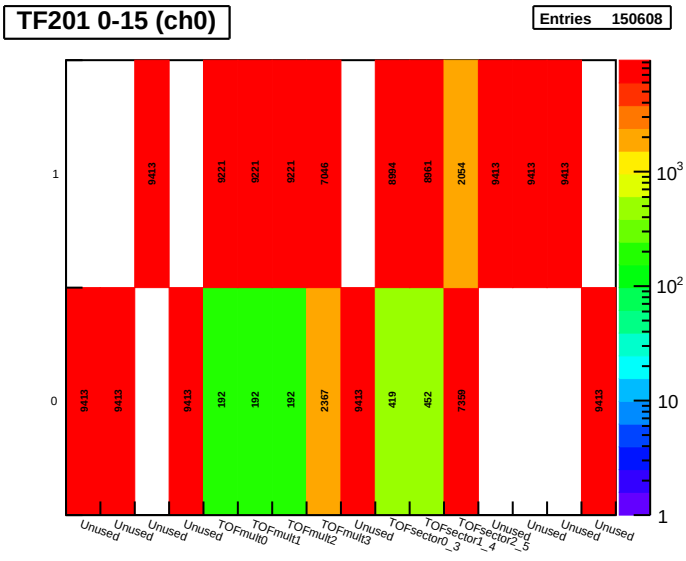

Entries 9413
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

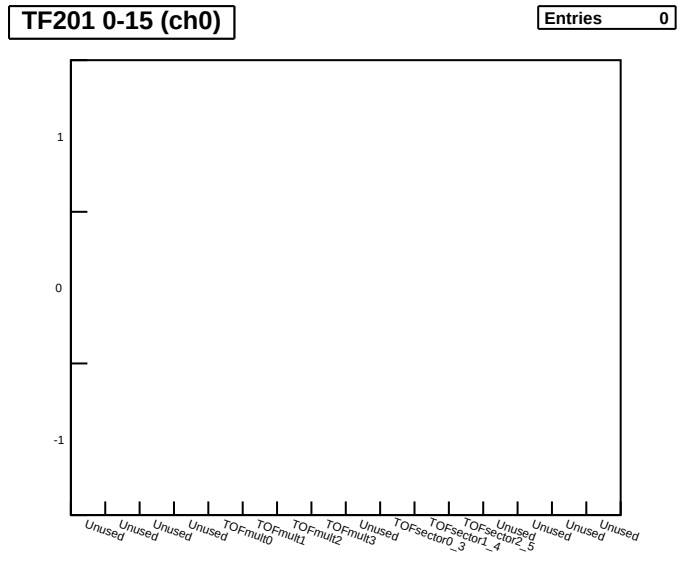

Entries 9413
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff

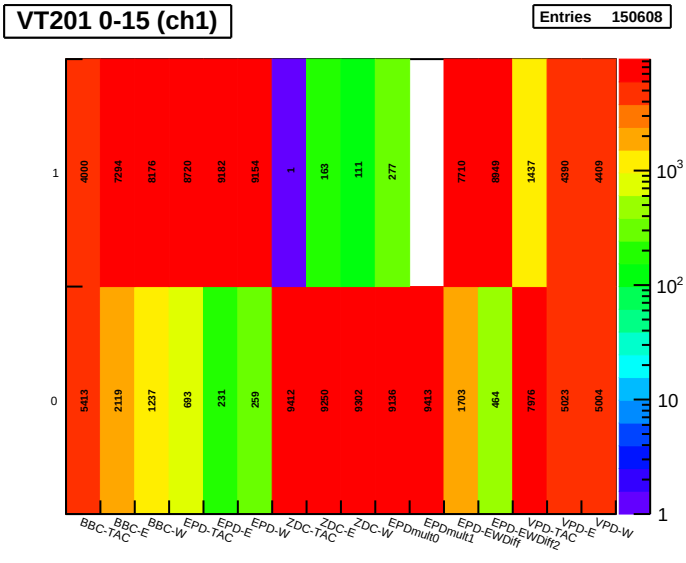

Entries 9413
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^3
10^2
10
1

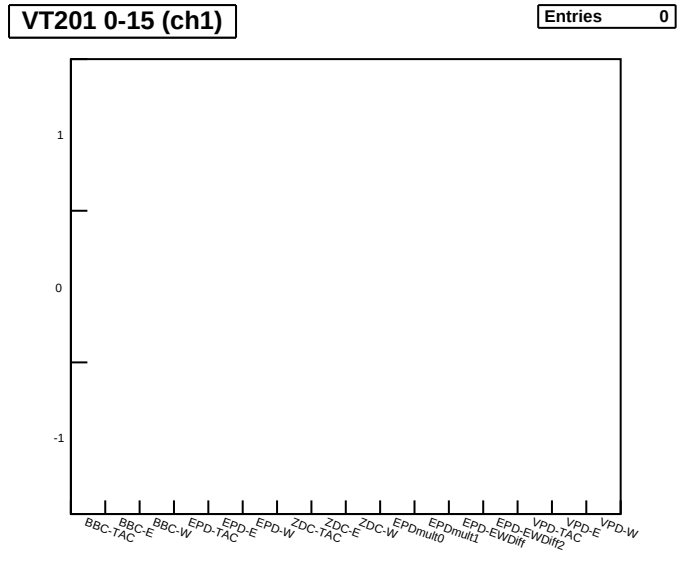

Laser Input Bits
Entries 9413
10^4
10^3
10^2
10
No L,No D
L,No D
D, No L
L,D

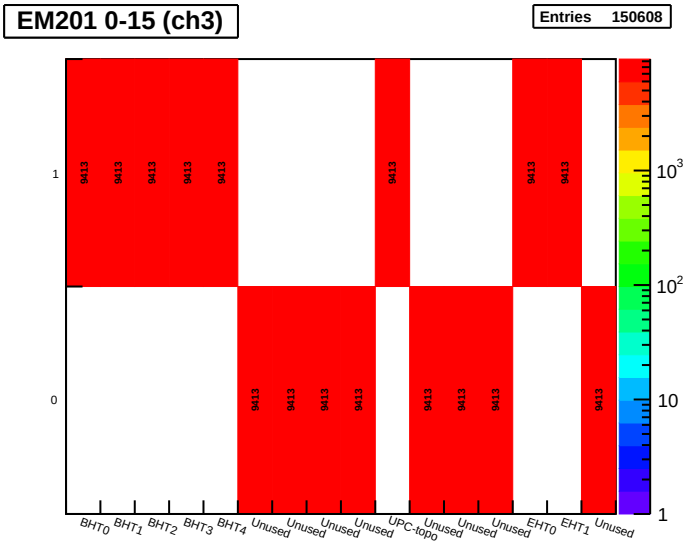

ST201 0-15 (ch6)
Entries 150608
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
9413
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

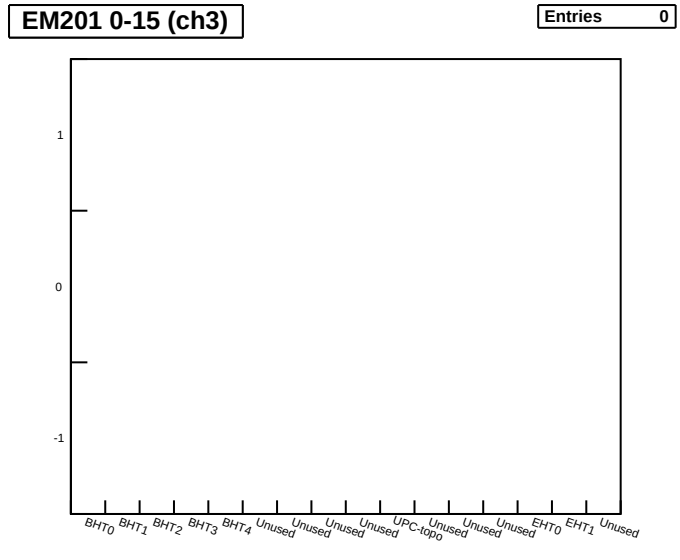

TF201 0-15 (ch0)
Entries 150608
1
0
9413 9221 9221 9221 7046 8994 8861 2054 9413 9413 9413
9413 9413 9413 192 192 192 2367 9413 419 452 7399 9413
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 150608
1
0
4000 7294 8176 8720 9162 9154 1 163 111 277 7710 8949 1437 4390 4409
5413 2119 1237 693 231 259 9412 9250 9302 9136 9413 1703 464 7976 5023 5004
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
10^3
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 150608
1
0
9413 9413 9413 9413 9413 9413 9413 9413 9413
9413 9413 9413 9413 9413 9413 9413 9413
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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