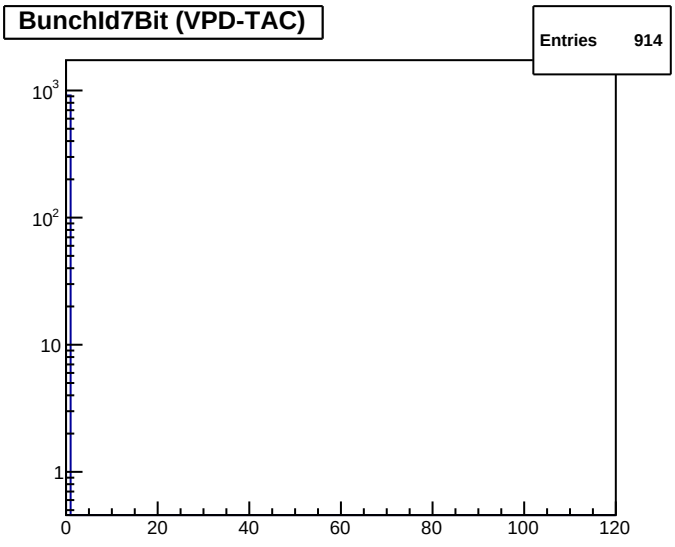
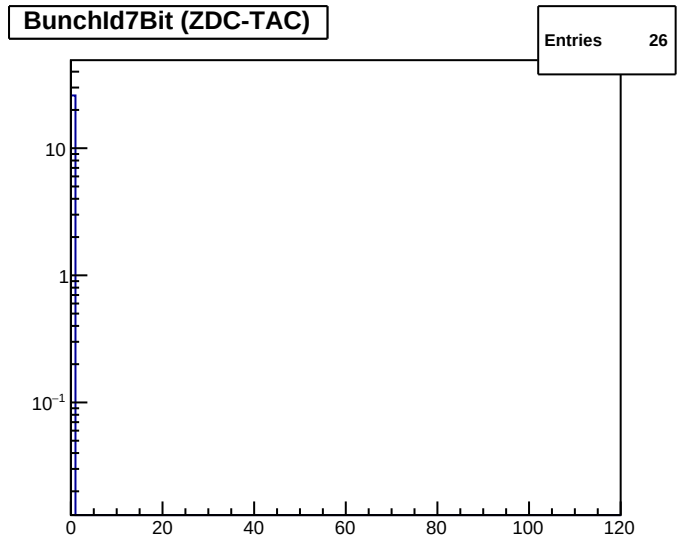
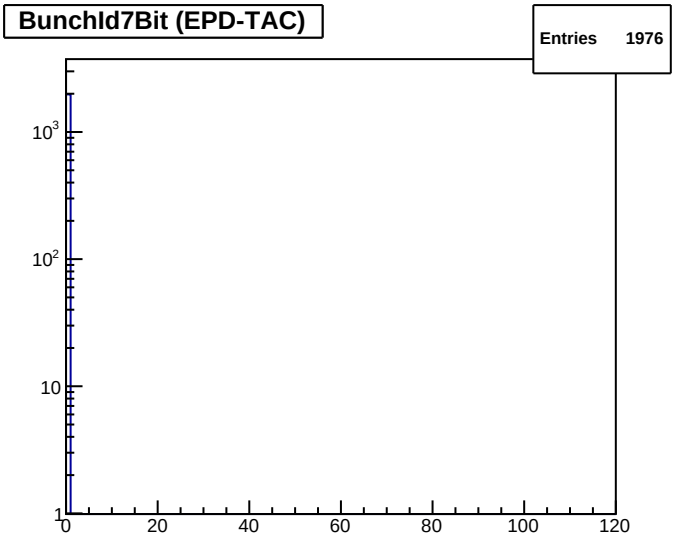
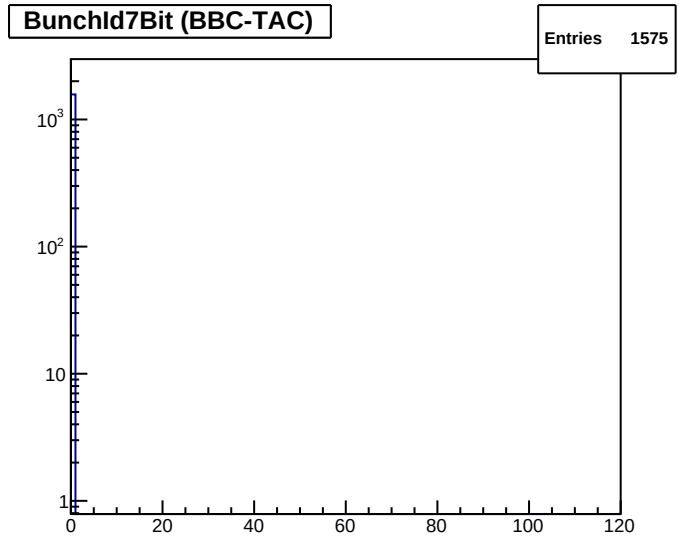
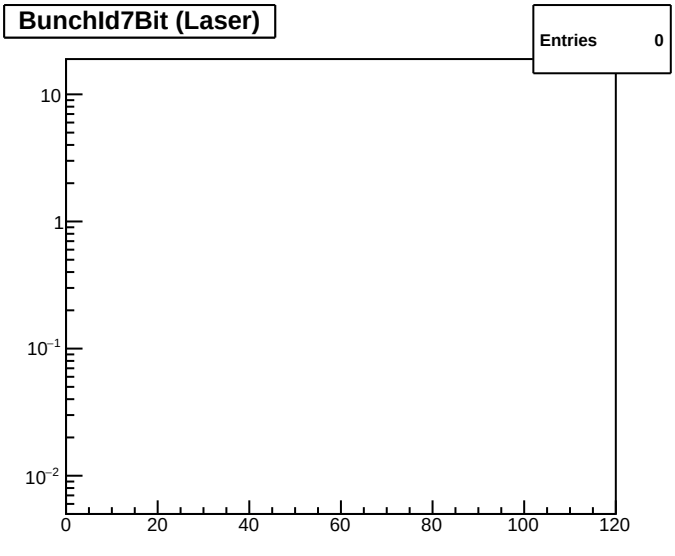
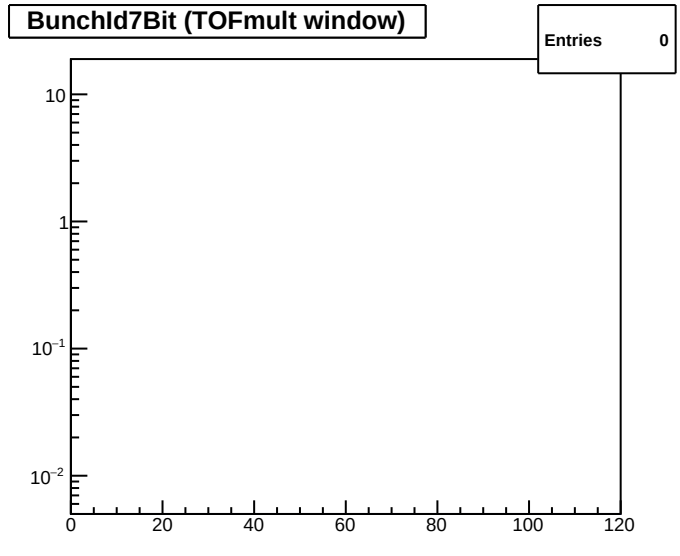

BunchId7Bit (VPD-TAC)
Entries 914

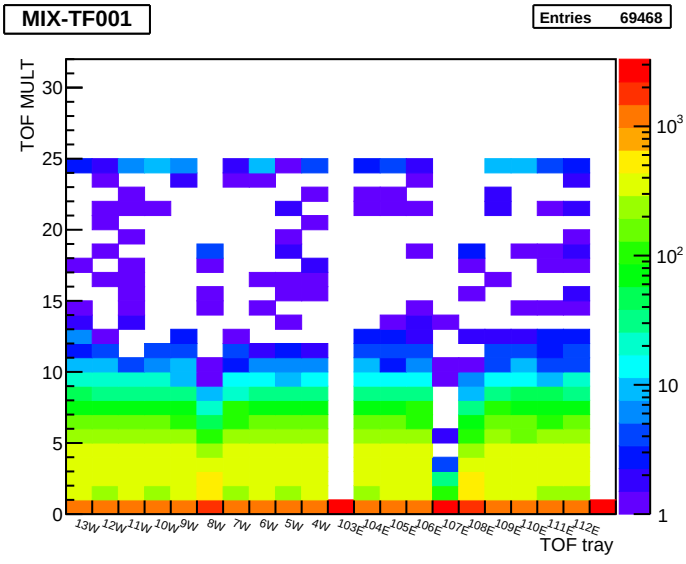

BunchId7Bit (ZDC-TAC)
Entries 26

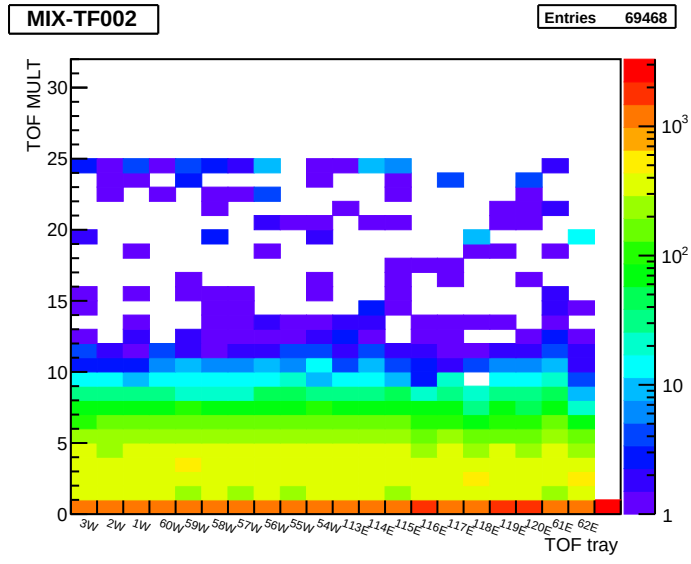

BunchId7Bit (EPD-TAC)
Entries 1976

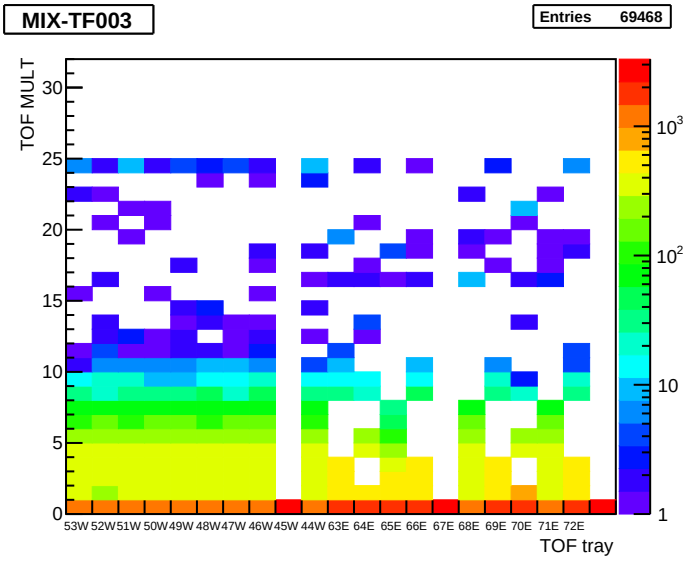

BunchId7Bit (BBC-TAC)
Entries 1575

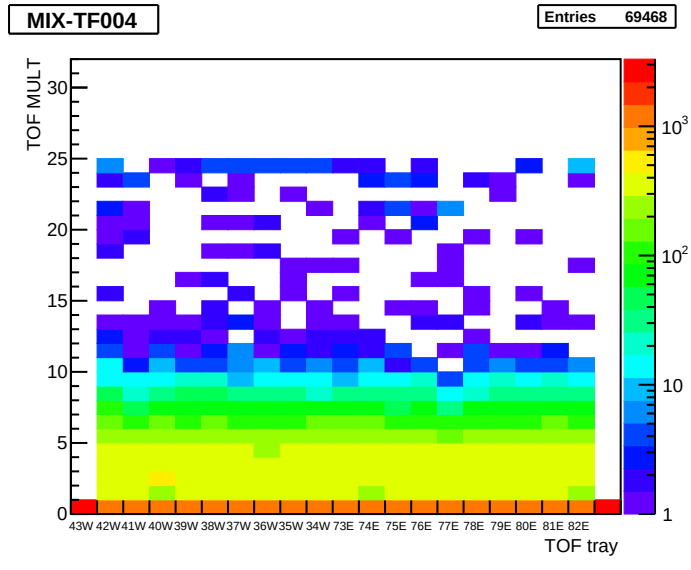

BunchId7Bit (Laser)
Entries 0

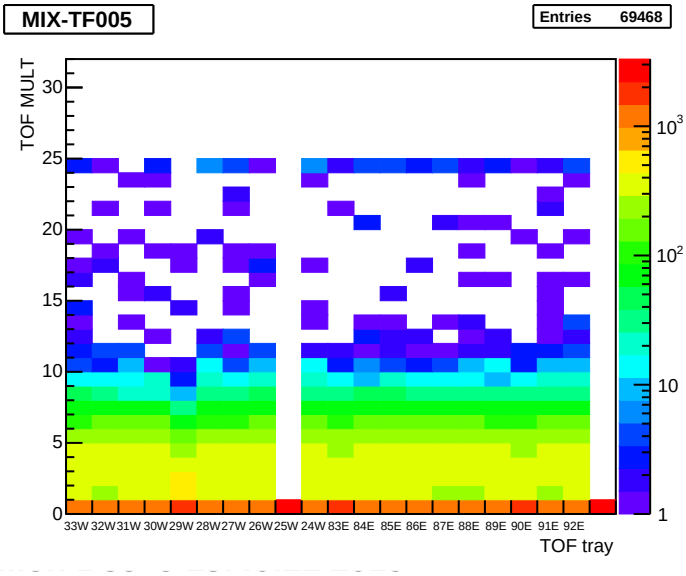

BunchId7Bit (TOFmult window)
Entries 0

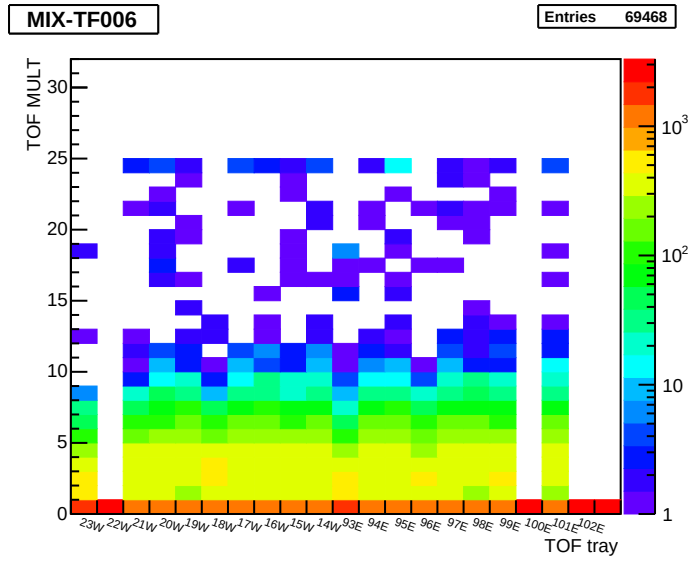

MIX-TF001
Entries 69468
TOF MULT
TOF tray

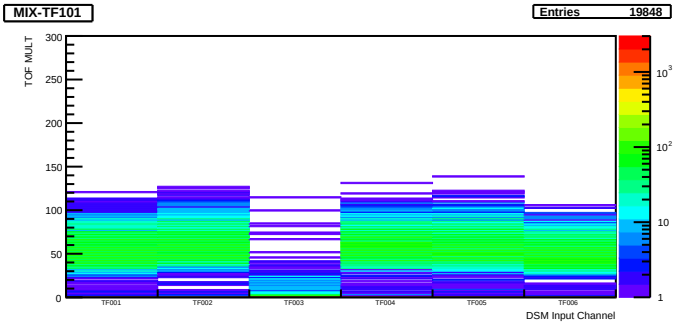

MIX-TF002
Entries 69468
TOF MULT
TOF tray

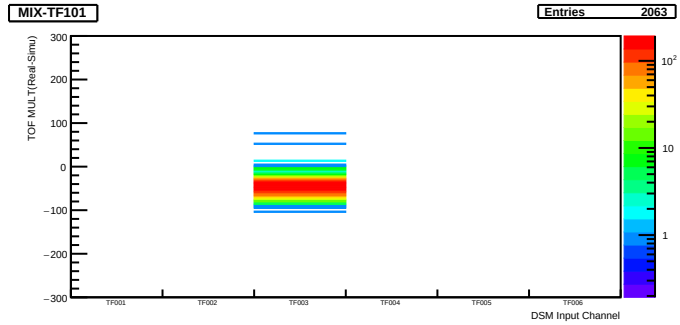

MIX-TF003
Entries 69468
TOF MULT
TOF tray

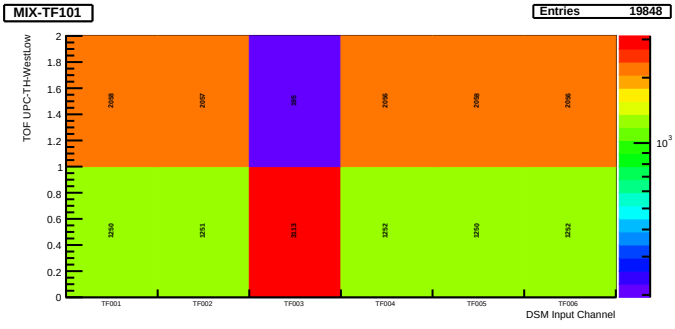

MIX-TF004
Entries 69468
TOF MULT
TOF tray

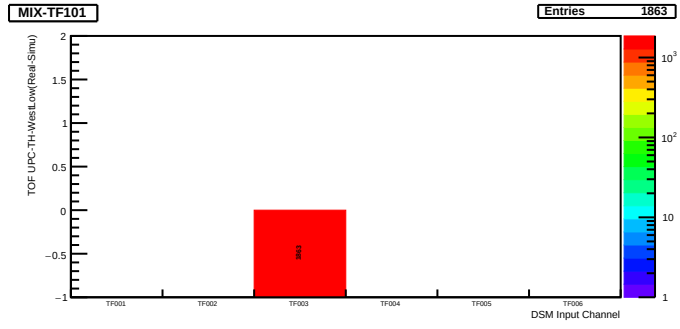

MIX-TF005
Entries 69468
TOF MULT
TOF tray

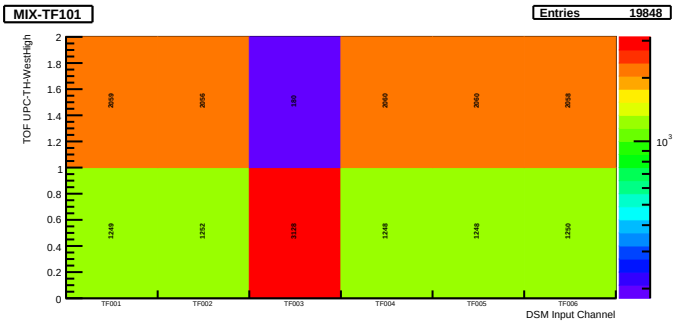

MIX-TF006
Entries 69468
TOF MULT
TOF tray

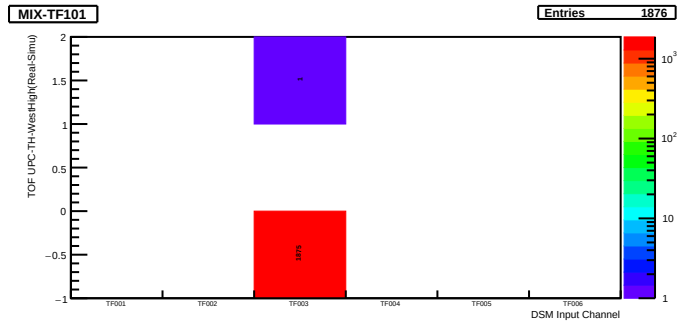

MIX-TF101
Entries 19848
TOF MULT
DSM Input Channel

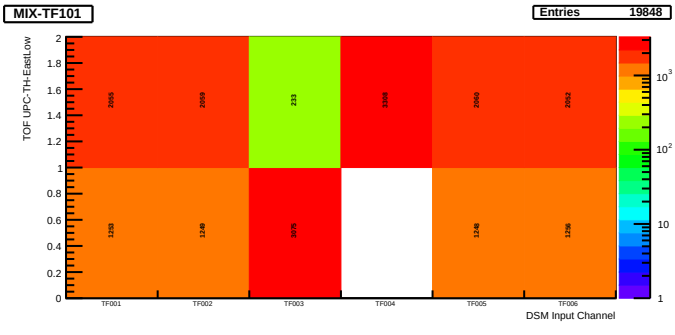

MIX-TF101
Entries 2063
TOF MULT(Real-Simu)
DSM Input Channel

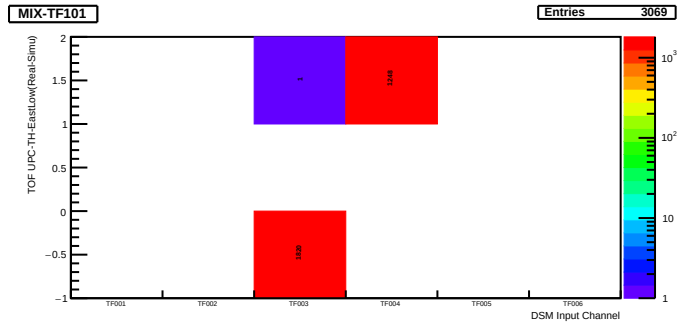

MIX-TF101
Entries 19848
TOF UPC-TH-WestLow
DSM Input Channel

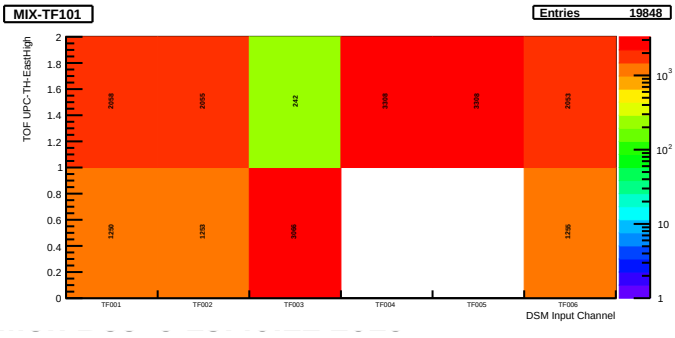

MIX-TF101
Entries 1863
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

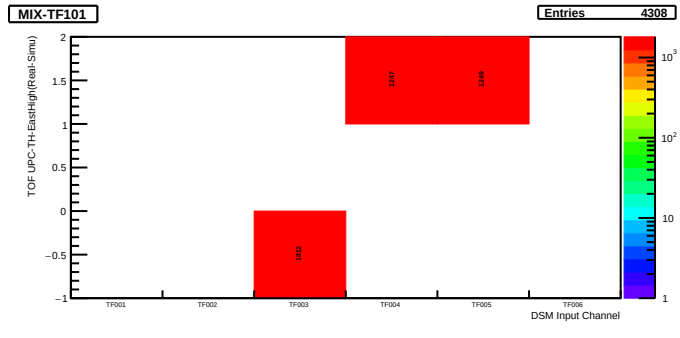

MIX-TF101
Entries 19848
TOF UPC-TH-WestHigh
DSM Input Channel

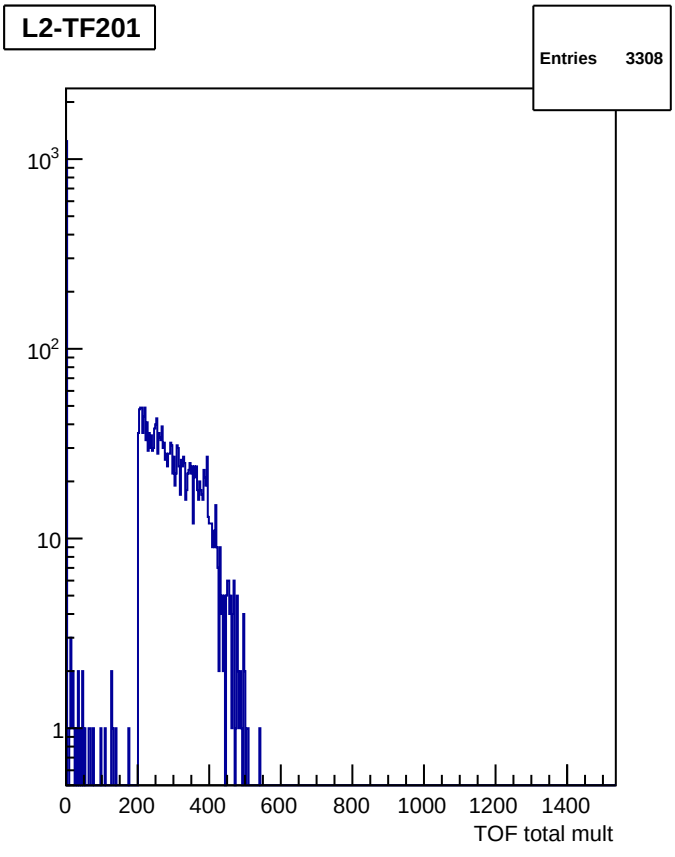

MIX-TF101
Entries 1876
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

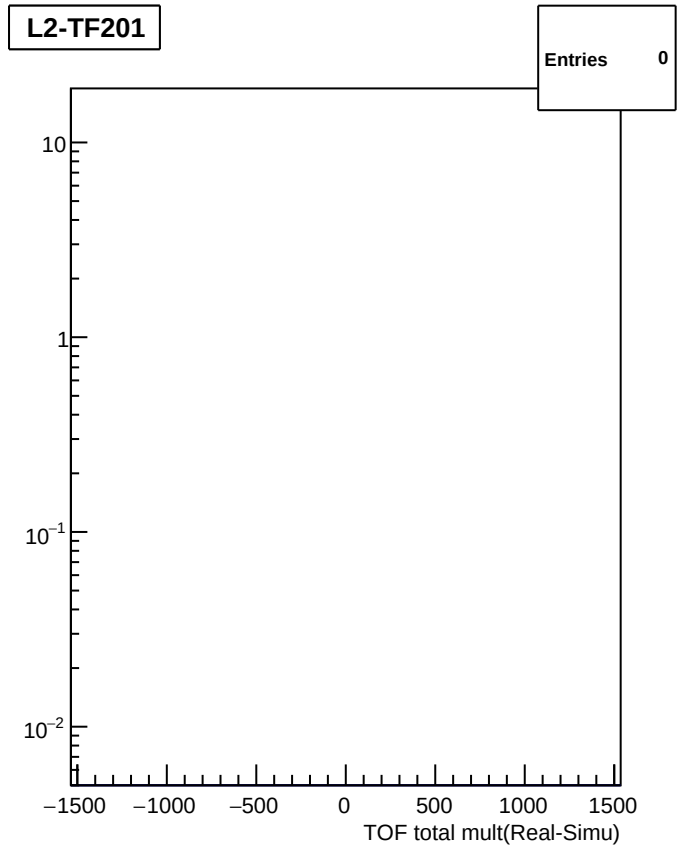

MIX-TF101
Entries 19848
TOF UPC-TH-EastLow
DSM Input Channel

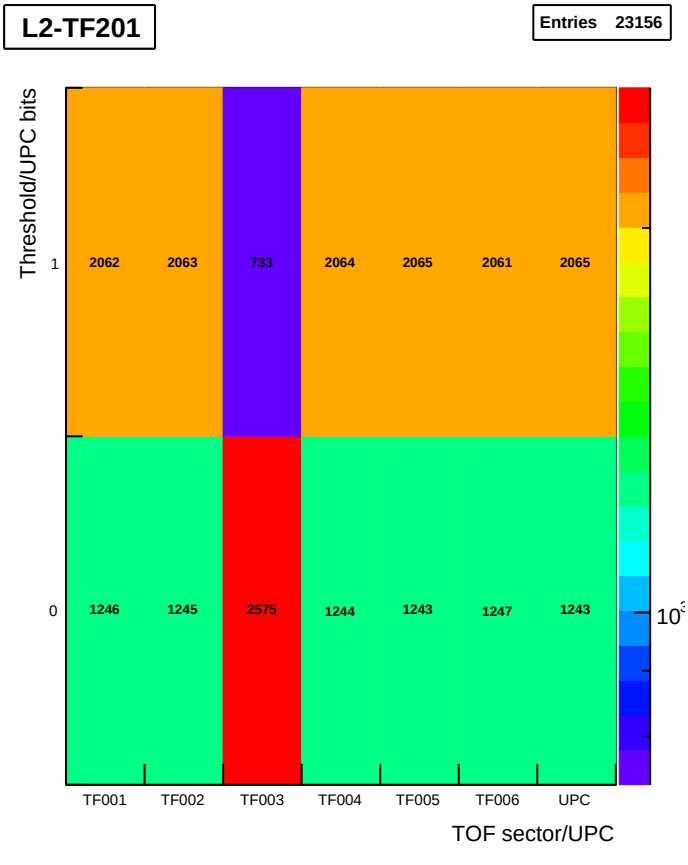

MIX-TF101
Entries 3069
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

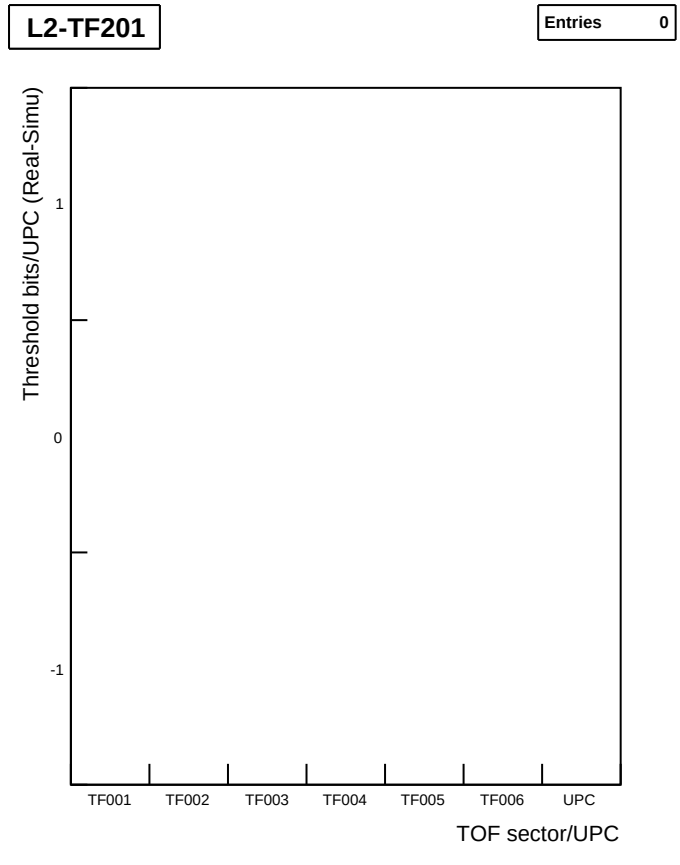

MIX-TF101
Entries 19848
TOF UPC-TH-EastHigh
DSM Input Channel

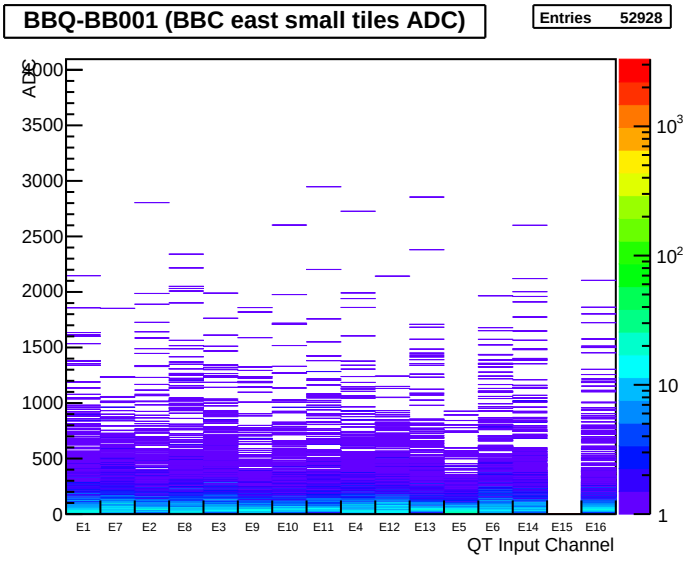

MIX-TF101
Entries 4308
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

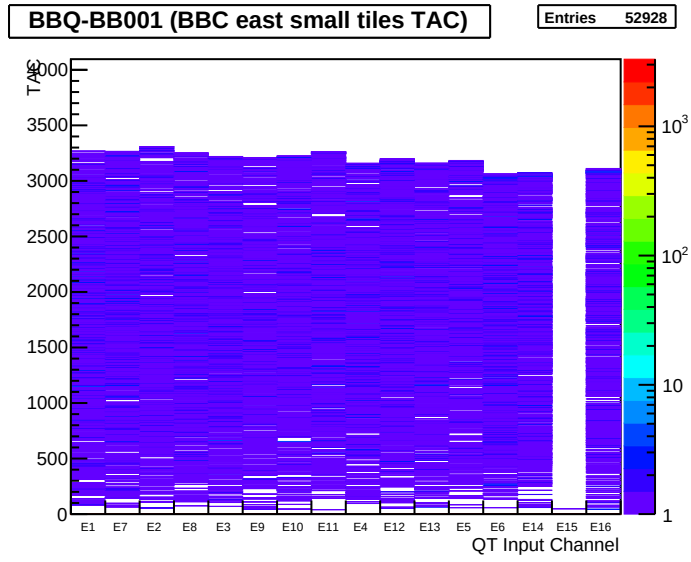

L2-TF201
Entries 3308
TOF total mult

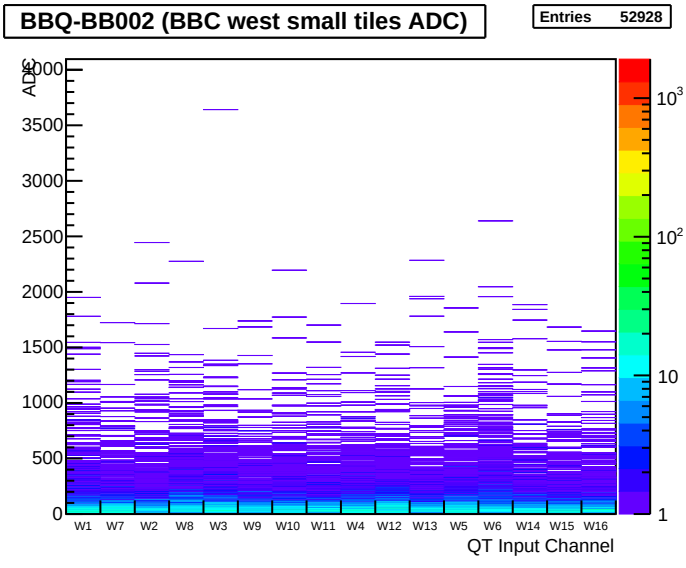

L2-TF201
Entries 0
TOF total mult(Real-Simu)

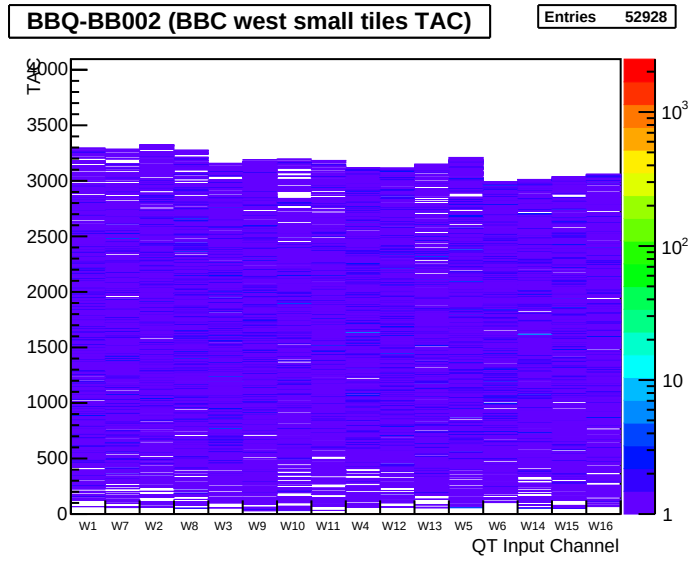

L2-TF201
Entries 23156
Threshold/UPC bits
2062 2063 733 2064 2065 2061 2065
1246 1245 2575 1244 1243 1247 1243
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

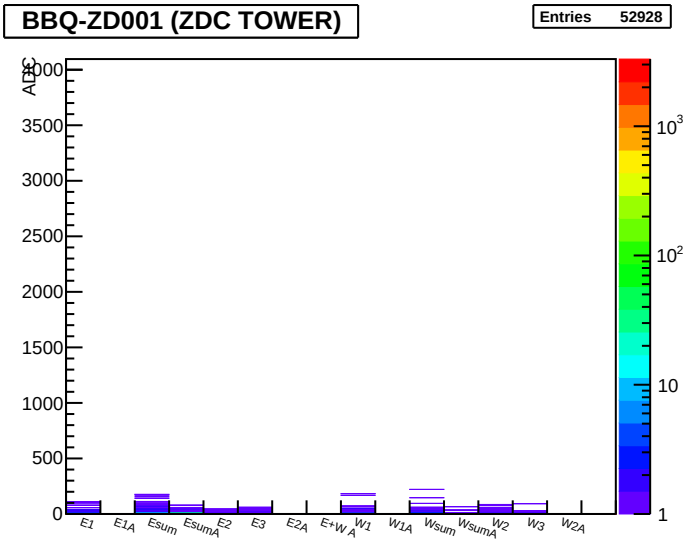

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

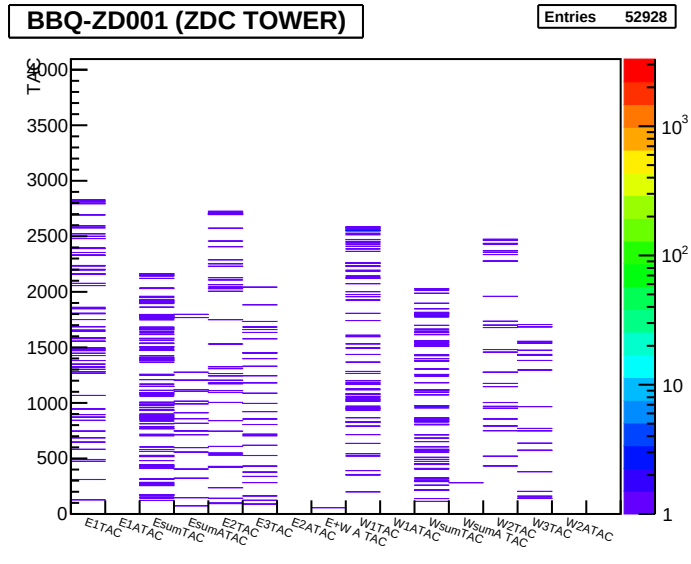

BBQ-BB001 (BBC east small tiles ADC)
Entries 52928
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

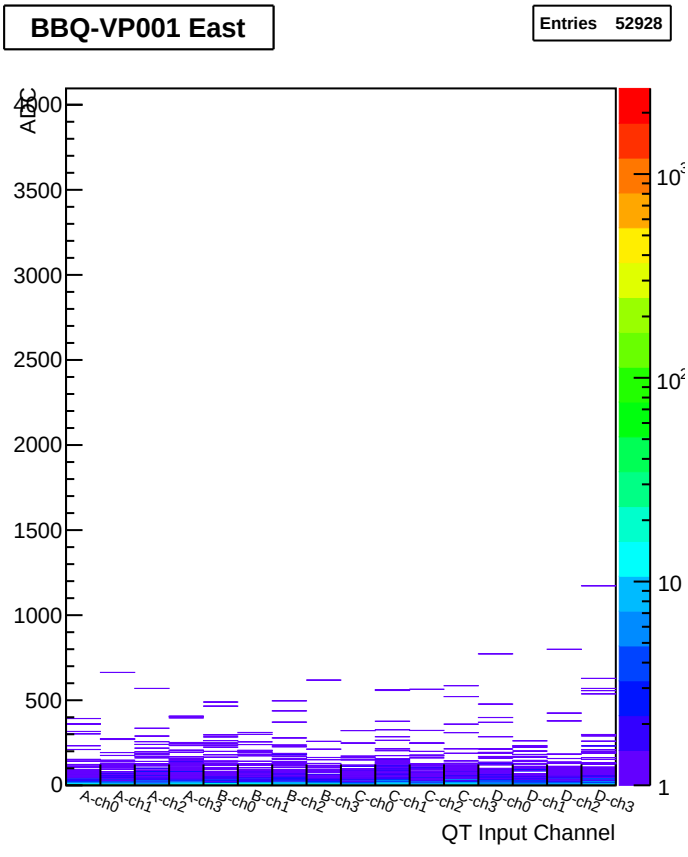

BBQ-BB001 (BBC east small tiles TAC)
Entries 52928
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

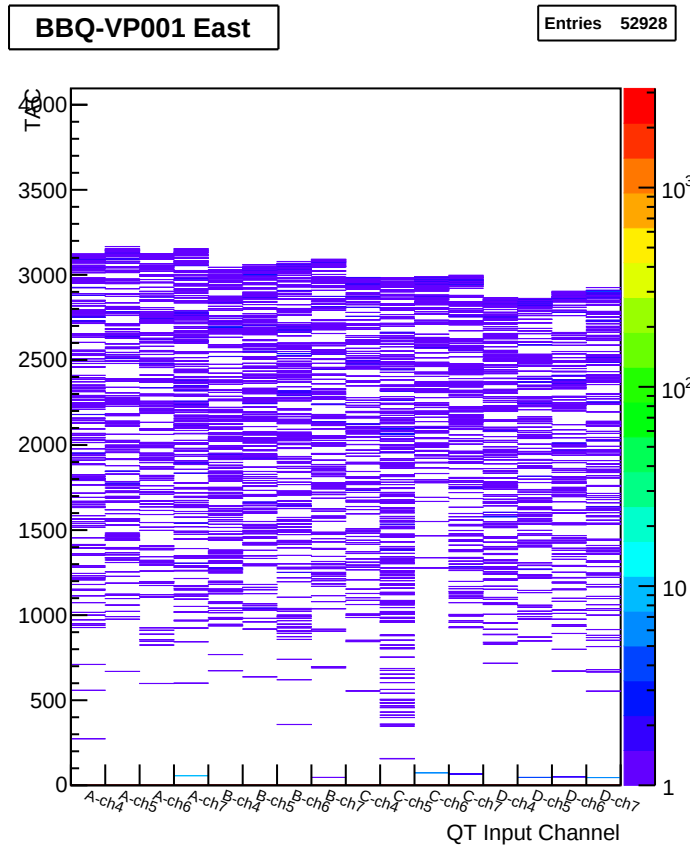

BBQ-BB002 (BBC west small tiles ADC)
Entries 52928
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

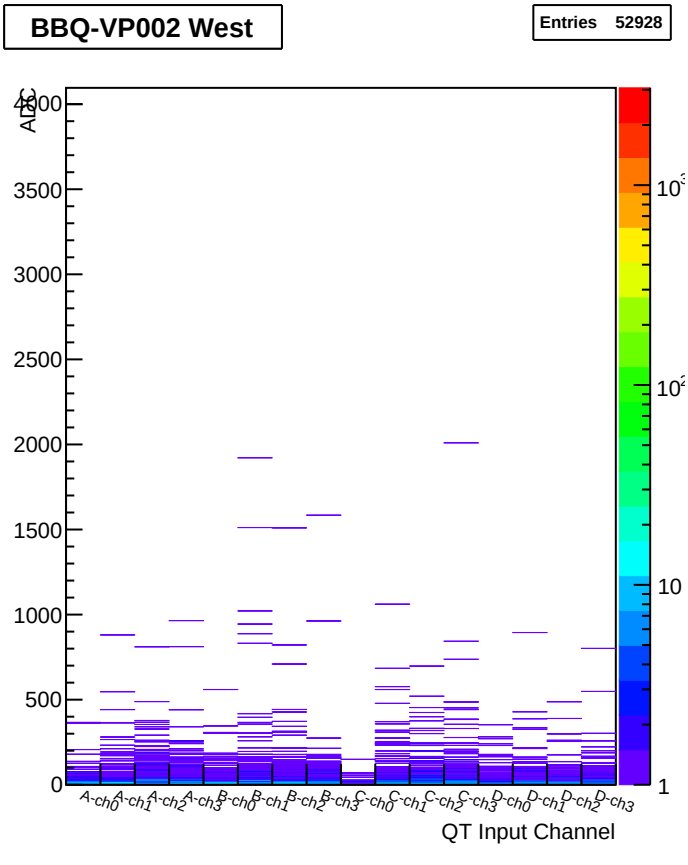

BBQ-BB002 (BBC west small tiles TAC)
Entries 52928
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

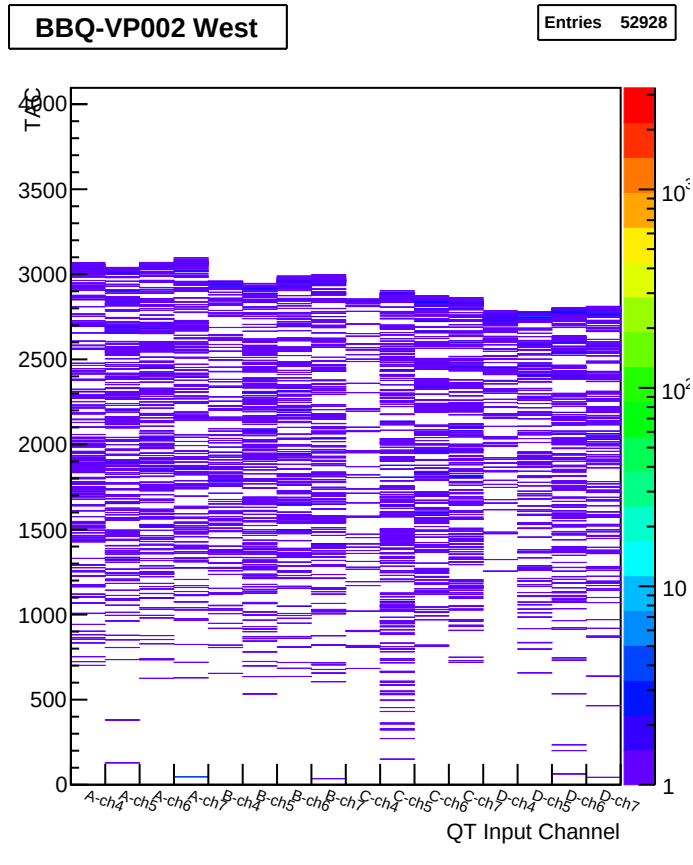

BBQ-ZD001 (ZDC TOWER)
Entries 52928
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

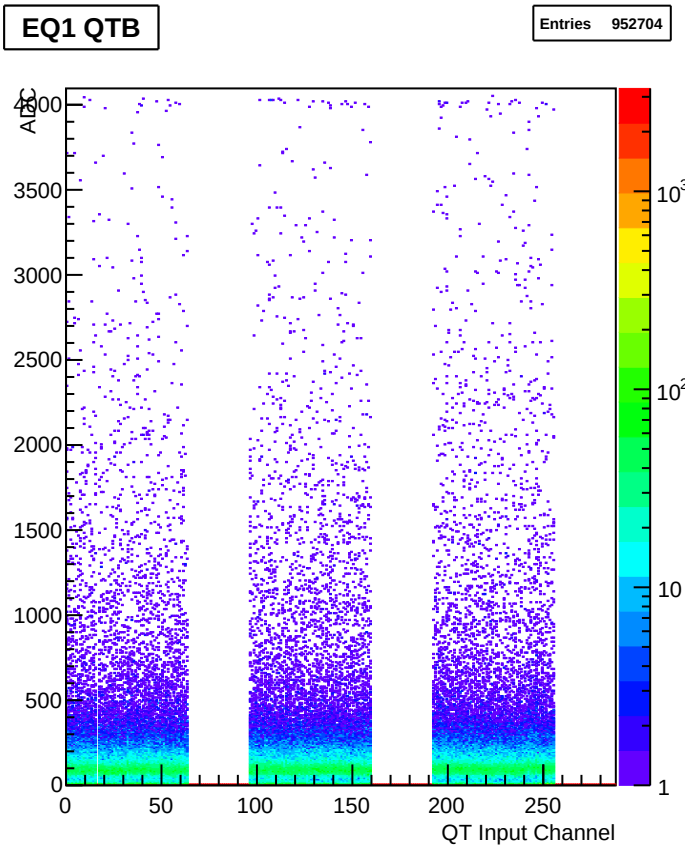

BBQ-ZD001 (ZDC TOWER)
Entries 52928
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

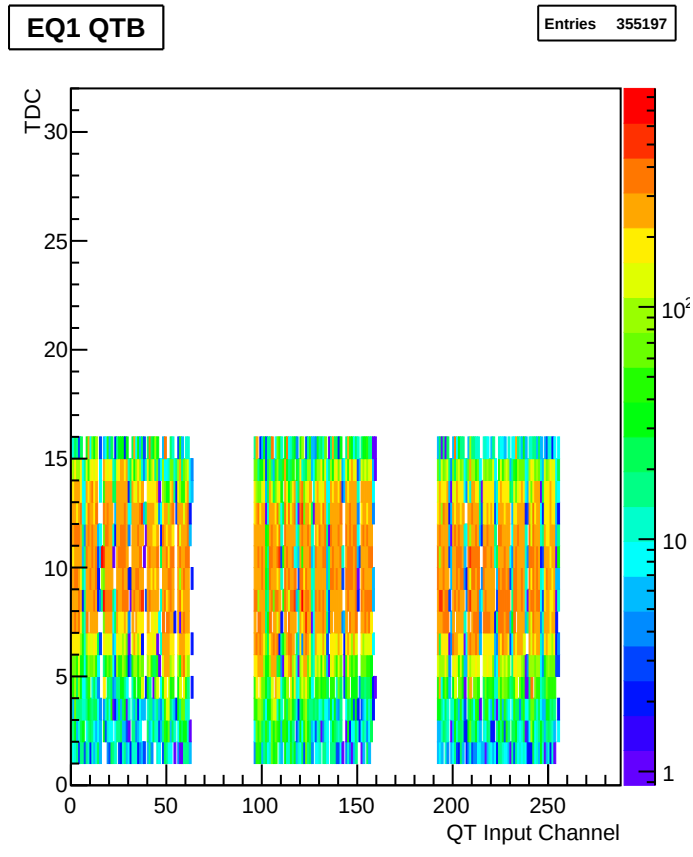

BBQ-VP001 East
Entries 52928
ADC
QT Input Channel

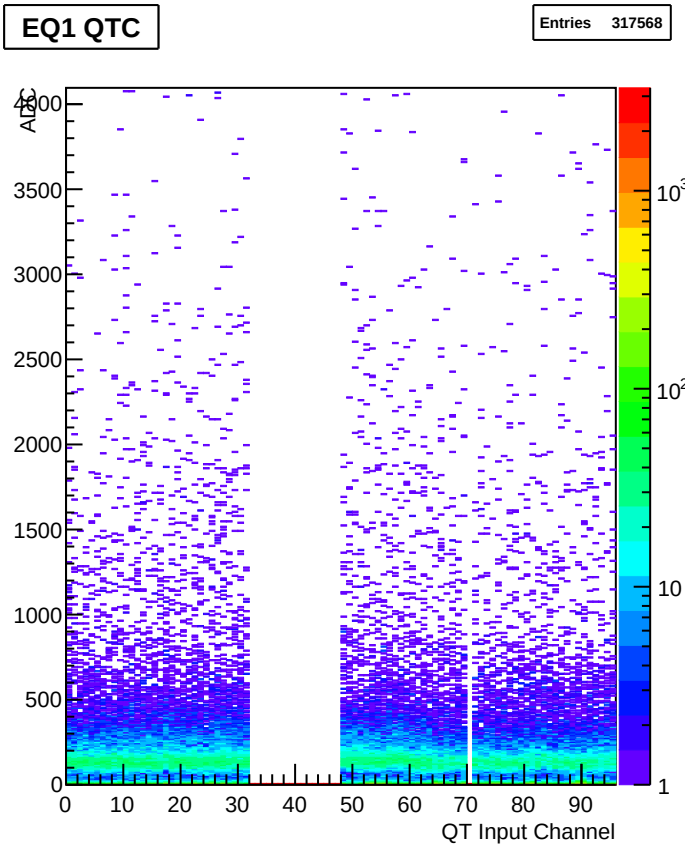

BBQ-VP001 East
Entries 52928
TADC
QT Input Channel

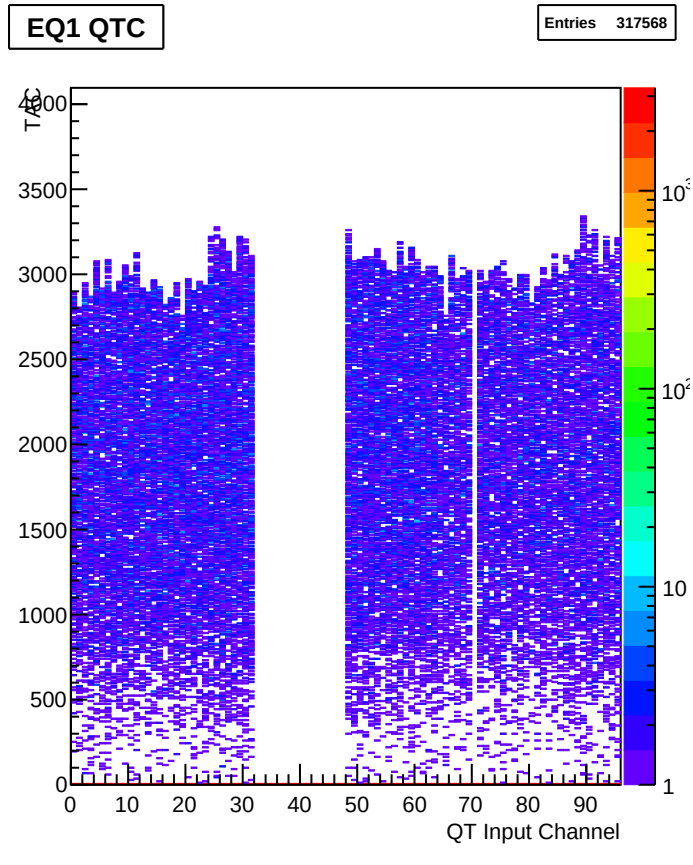

BBQ-VP002 West
Entries 52928
ADC
QT Input Channel

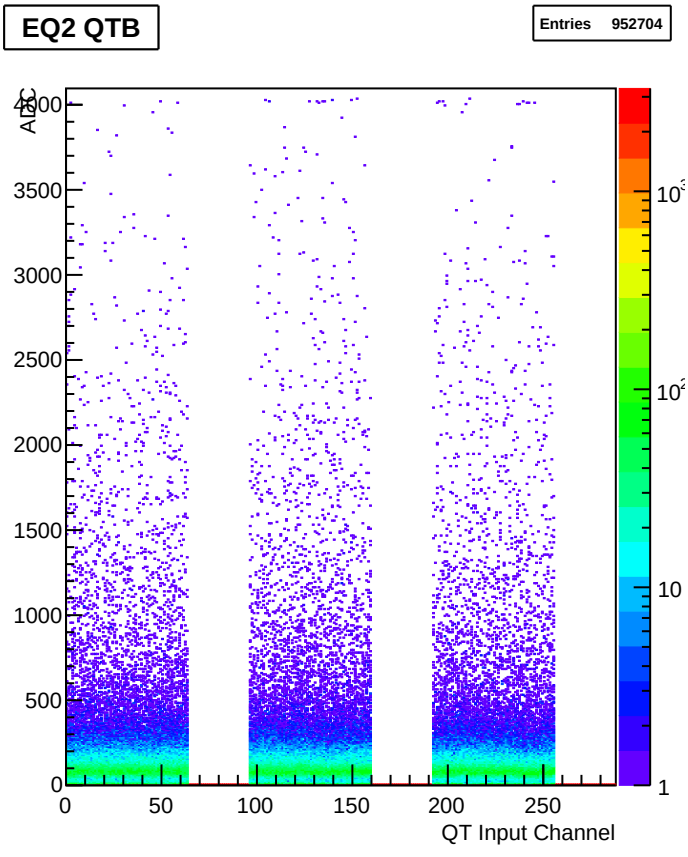

BBQ-VP002 West
Entries 52928
TADC
QT Input Channel

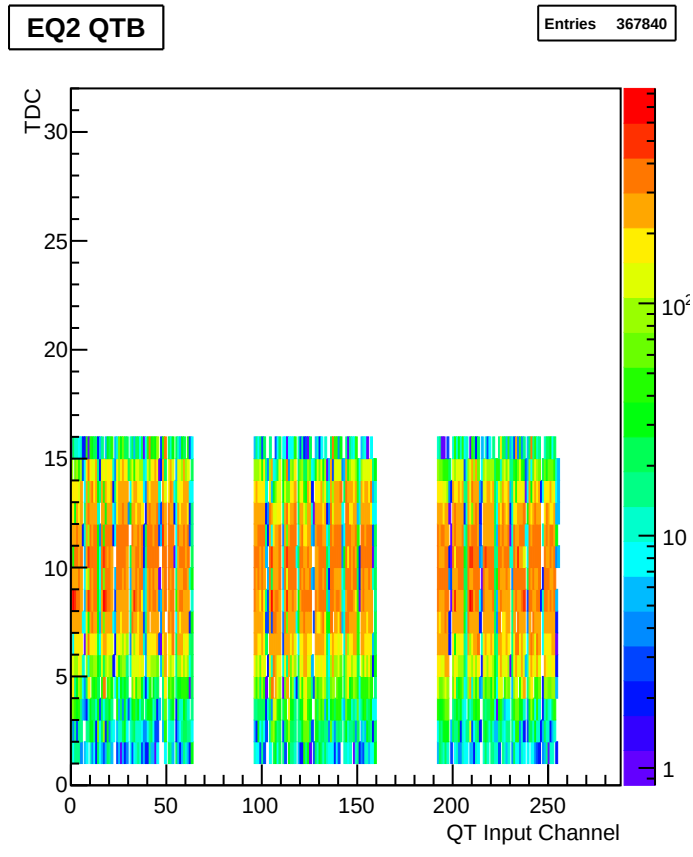

EQ1 QTB
Entries 952704
ADC
QT Input Channel

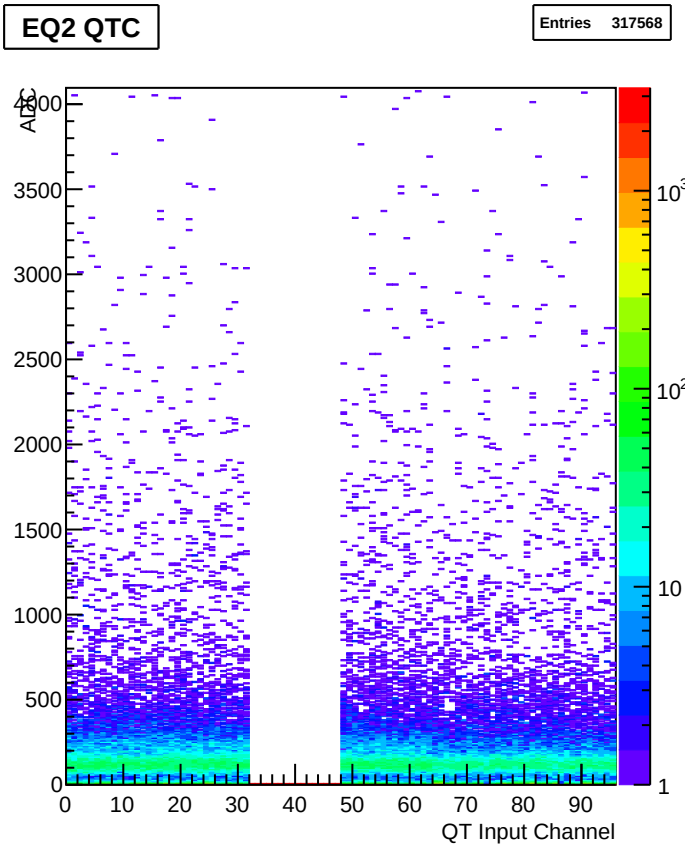

EQ1 QTB
Entries 355197
TDC
QT Input Channel

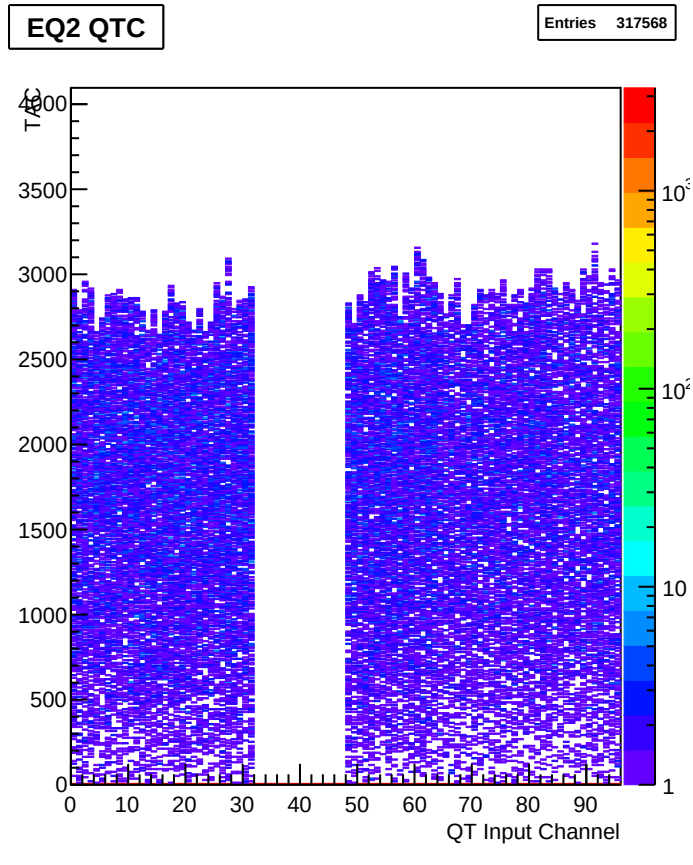

EQ1 QTC
Entries 317568
ADC
QT Input Channel

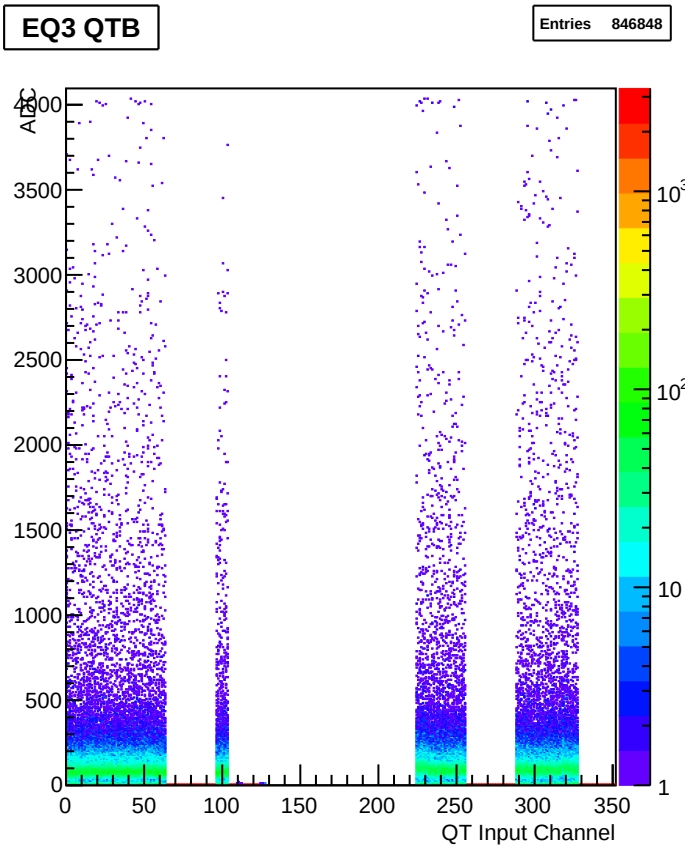

EQ1 QTC
Entries 317568
TADC
QT Input Channel

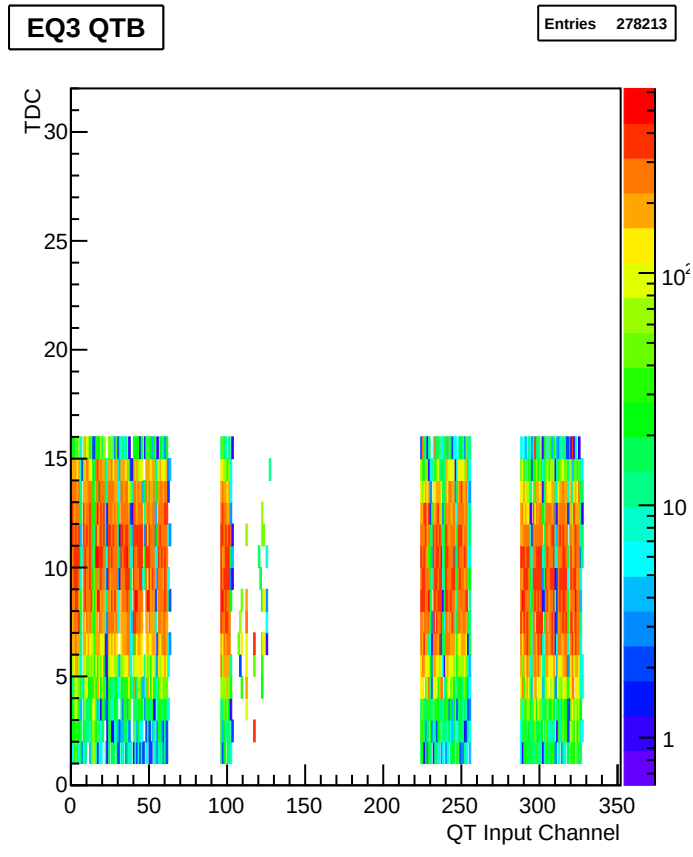

EQ2 QTB
Entries 952704
ADC
QT Input Channel

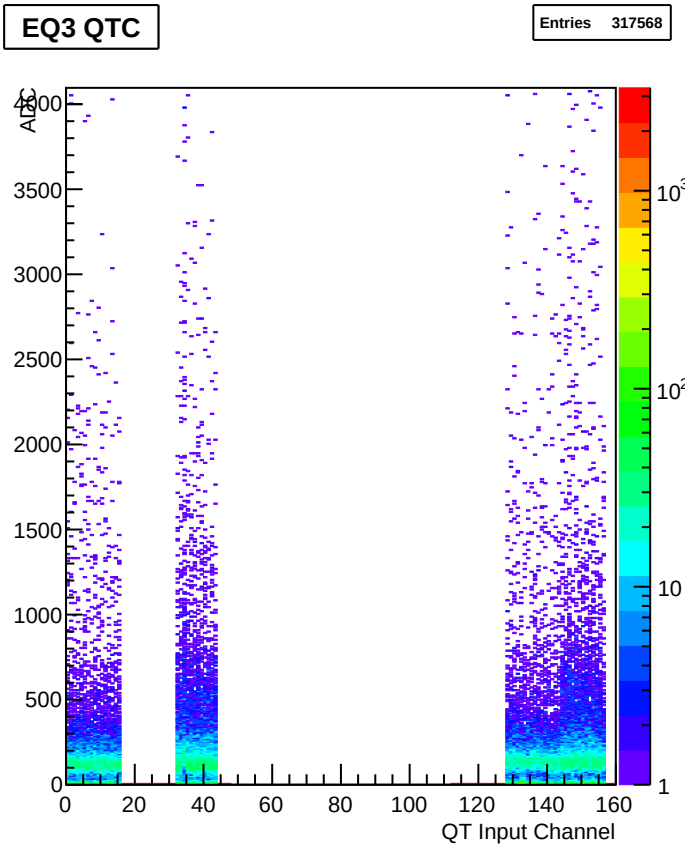

EQ2 QTB
Entries 367840
TDC
QT Input Channel

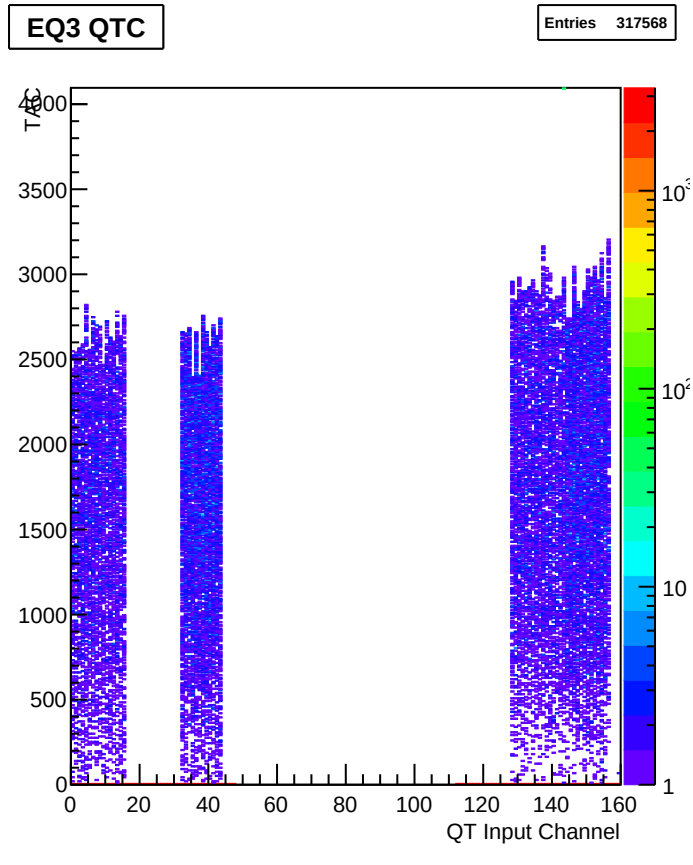

EQ2 QTC
Entries 317568
ADC
QT Input Channel

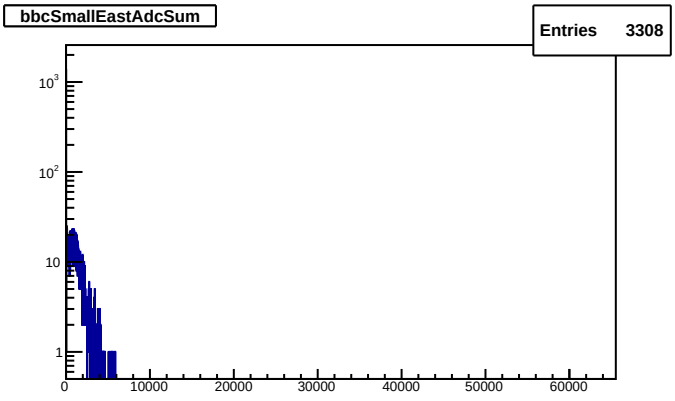

EQ2 QTC
Entries 317568
TADC
QT Input Channel

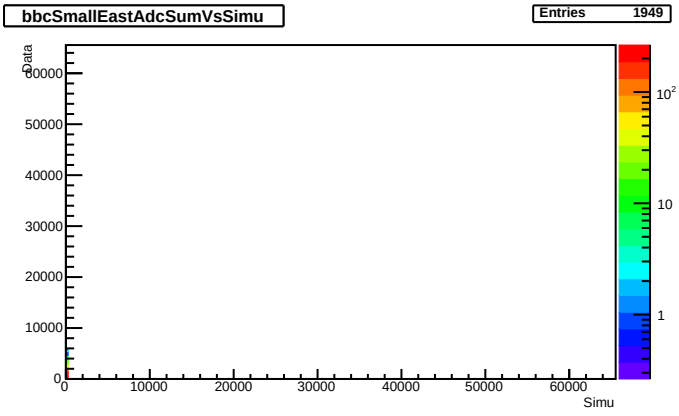

EQ3 QTB
Entries 846848
ADC
QT Input Channel

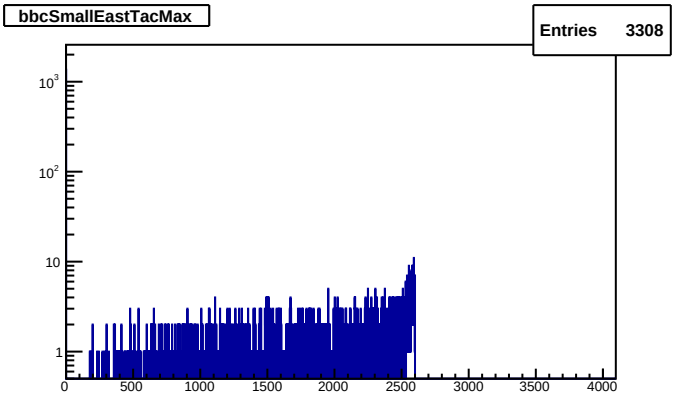

EQ3 QTB
Entries 278213
TDC
QT Input Channel

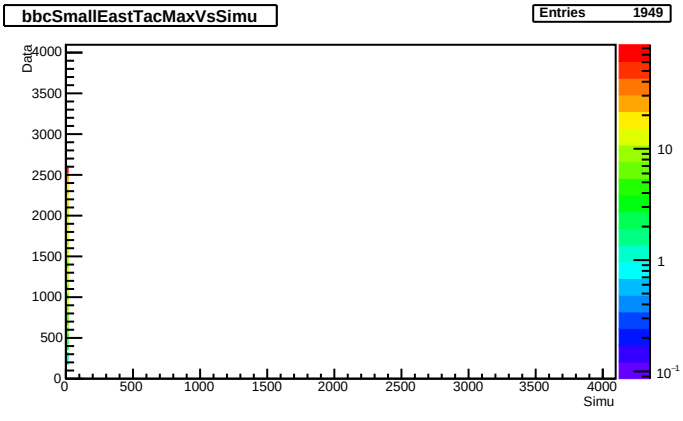

EQ3 QTC
Entries 317568
ADC
QT Input Channel

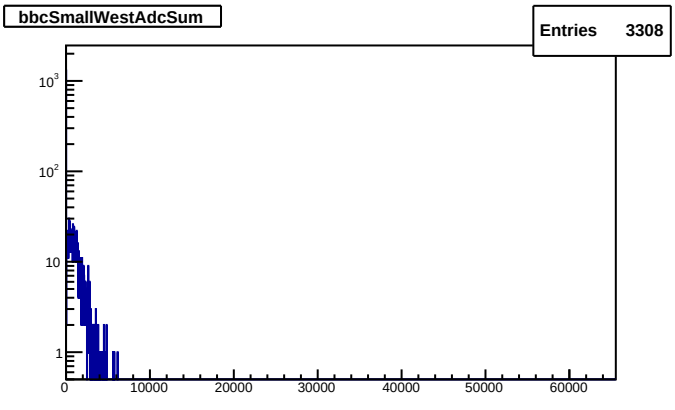

EQ3 QTC
Entries 317568
TADC
QT Input Channel

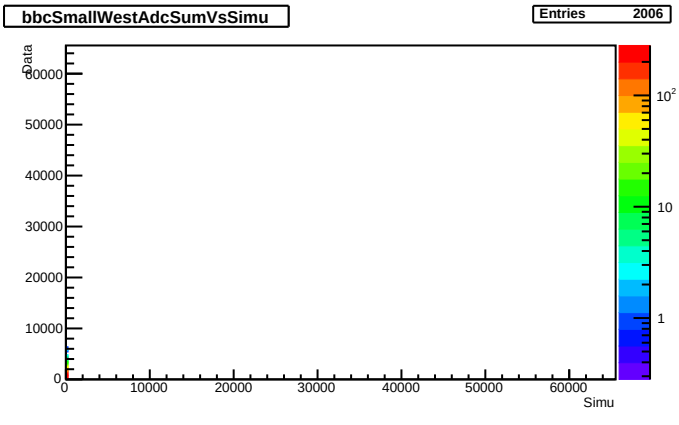

bbcSmallEastAdcSum
Entries 3308

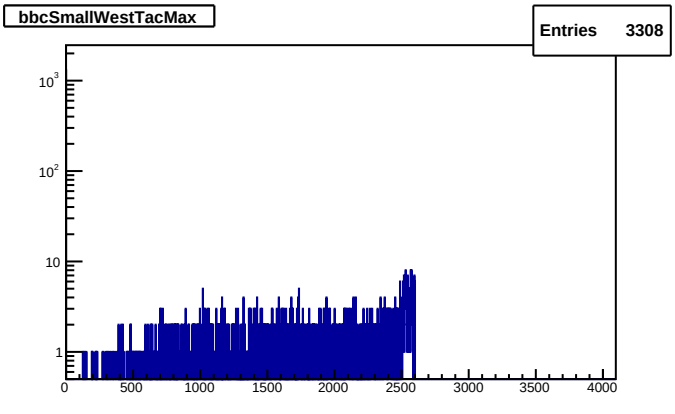

bbcSmallEastAdcSumVsSimu
Entries 1949
Data
Simu

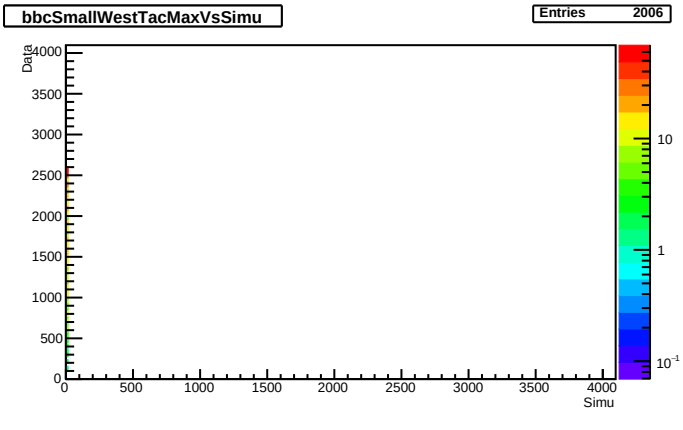

bbcSmallEastTacMax
Entries 3308

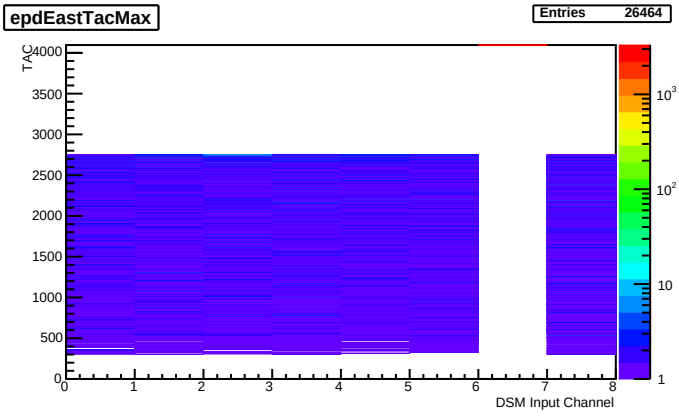

bbcSmallEastTacMaxVsSimu
Entries 1949
Data
Simu

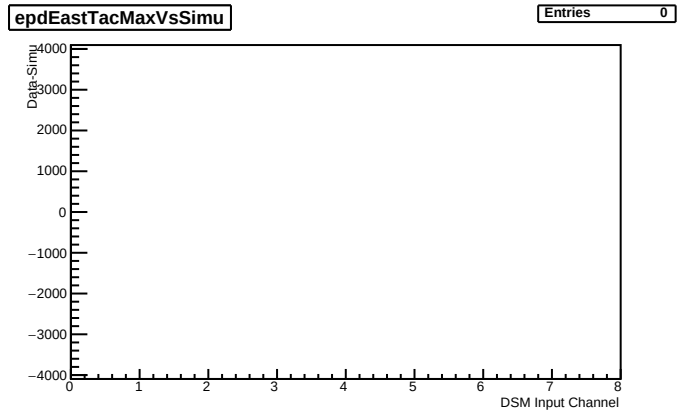

bbcSmallWestAdcSum
Entries 3308

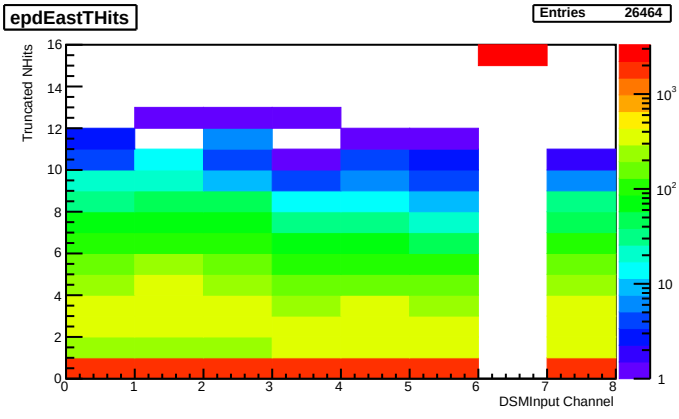

bbcSmallWestAdcSumVsSimu
Entries 2006
Data
Simu

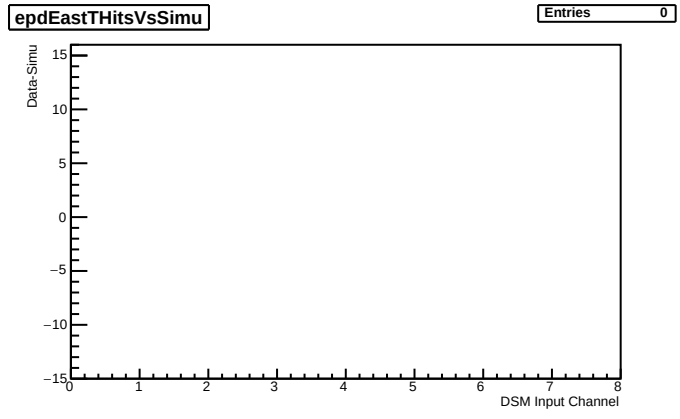

bbcSmallWestTacMax
Entries 3308

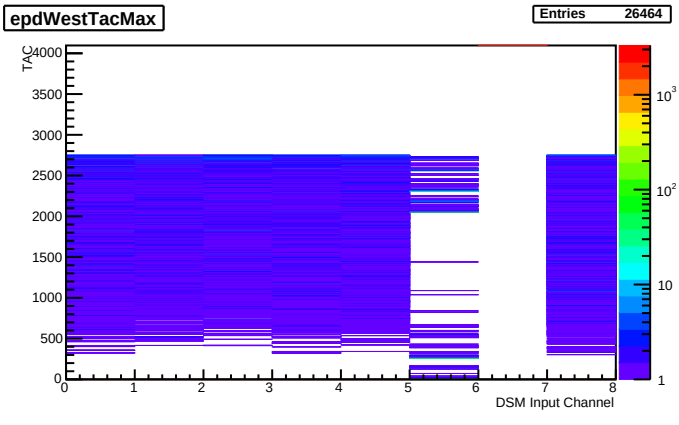

bbcSmallWestTacMaxVsSimu
Entries 2006
Data
Simu

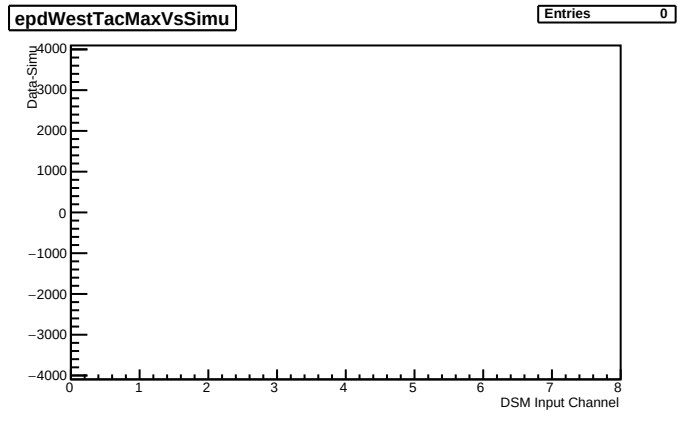

epdEastTacMax
Entries 26464
TAC
DSM Input Channel

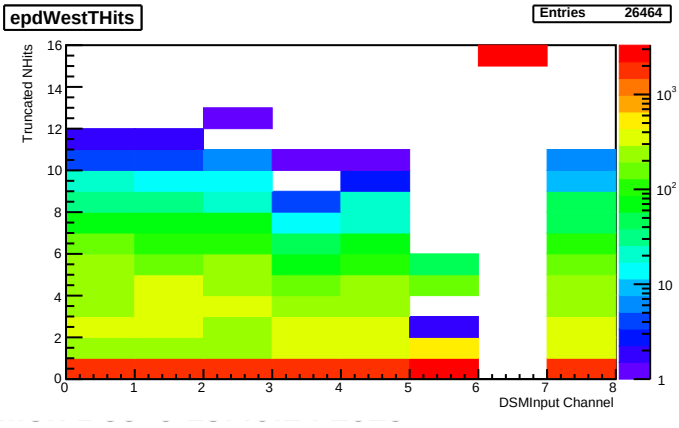

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

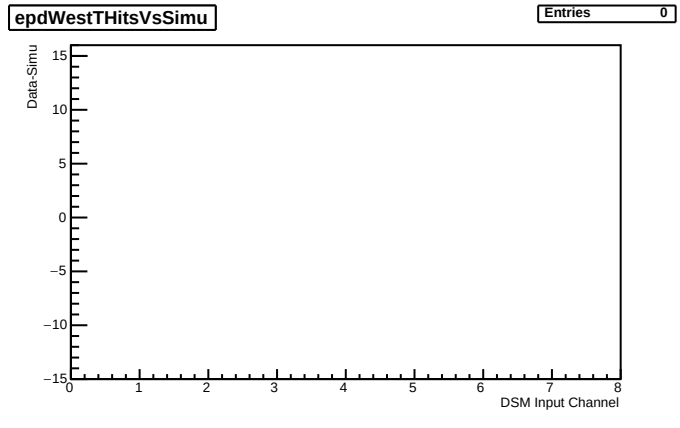

epdEastTHits
Entries 26464
Truncated NHits
DSMInput Channel

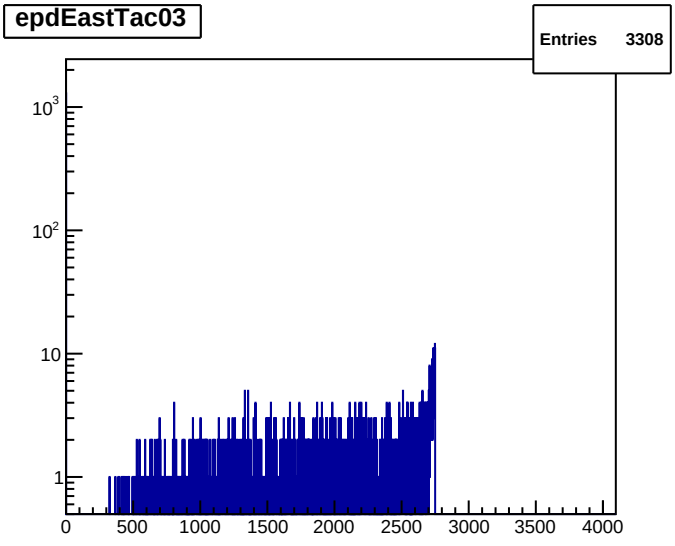

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

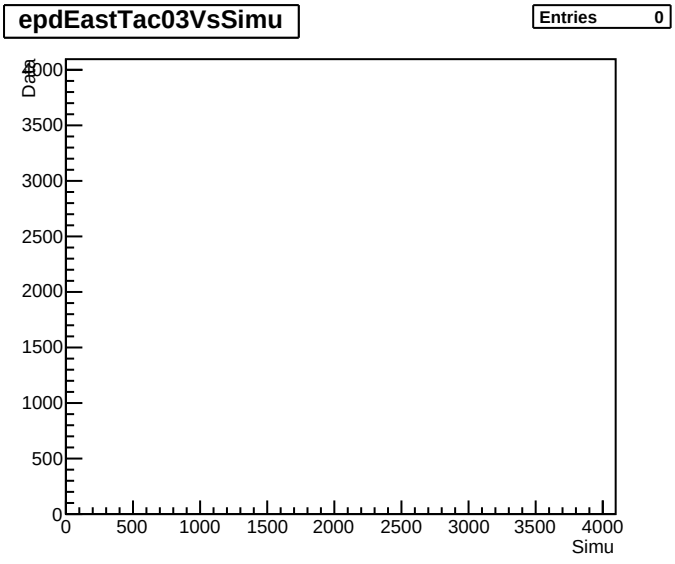

epdWestTacMax
Entries 26464
TAC
DSM Input Channel

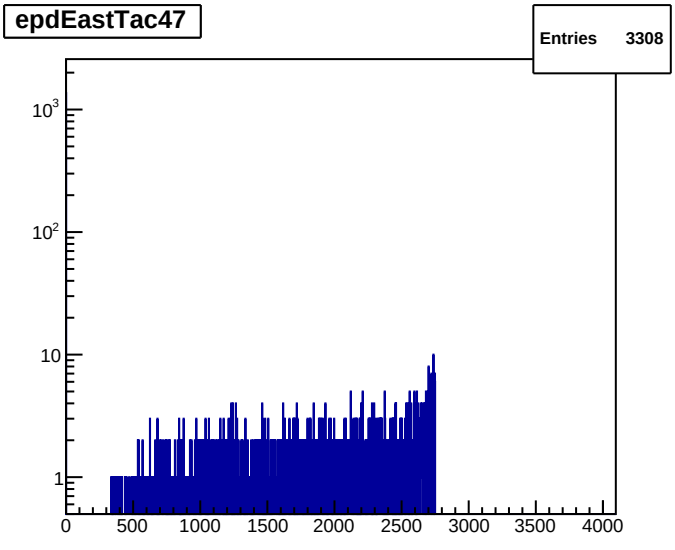

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

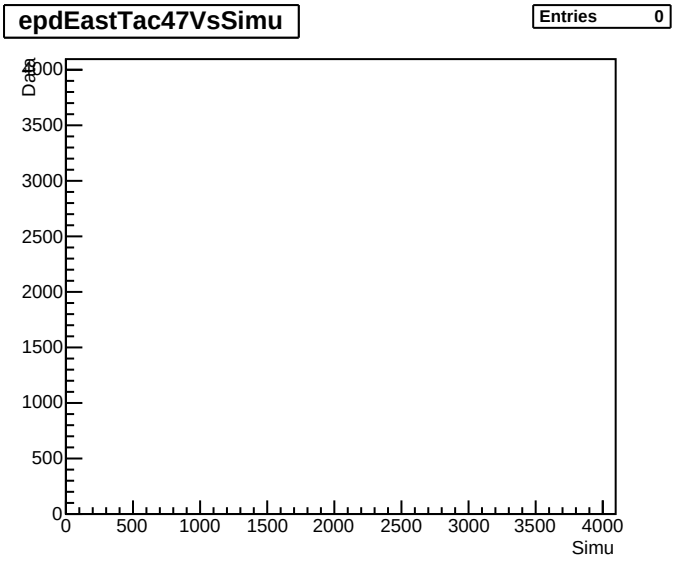

epdWestTHits
Entries 26464
Truncated NHits
DSMInput Channel

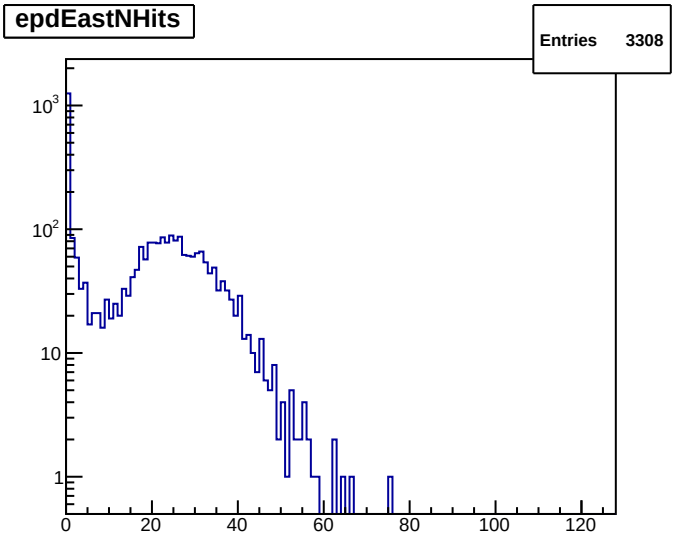

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

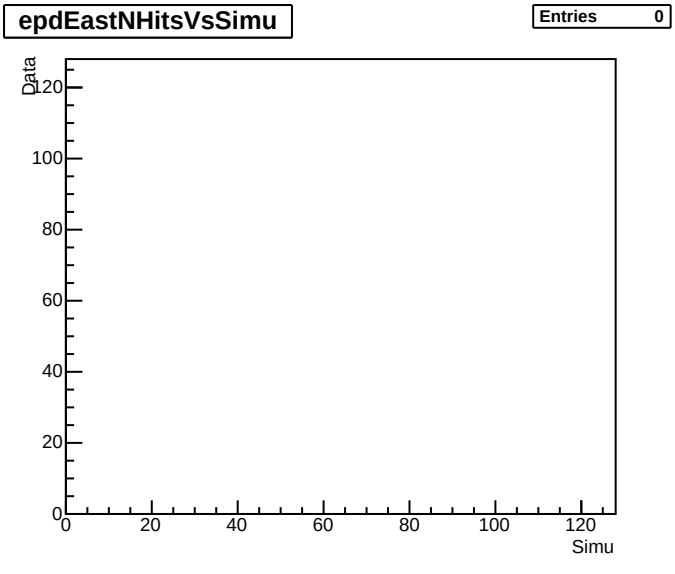

epdEastTac03
Entries 3308
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

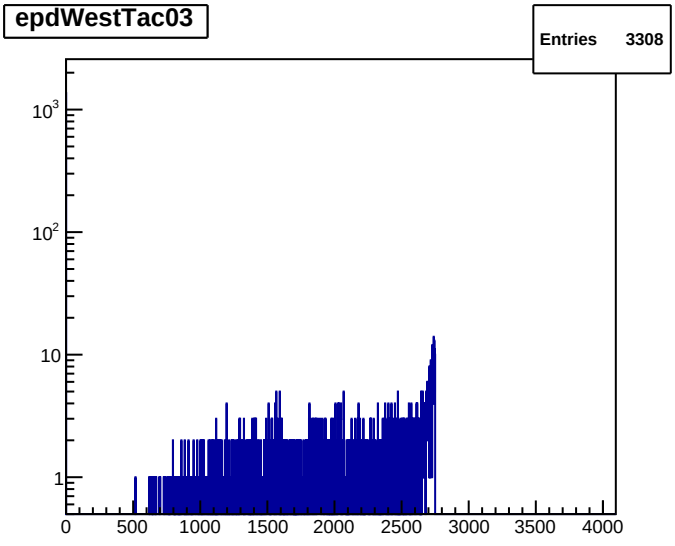

epdEastTac03VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

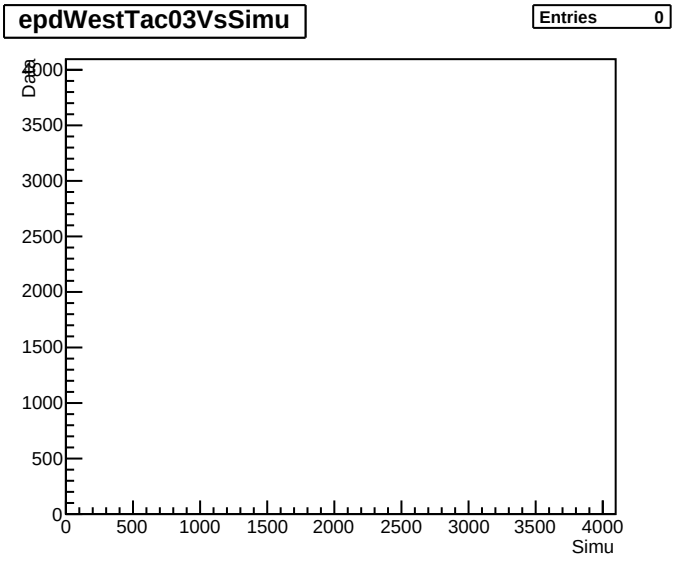

epdEastTac47
Entries 3308
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

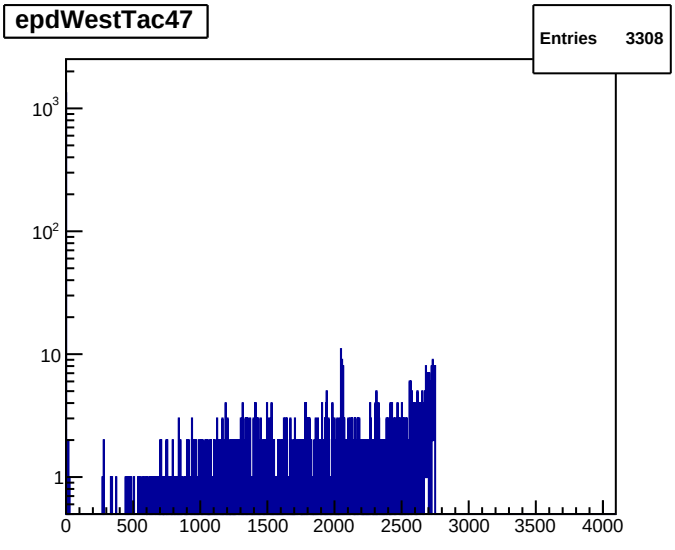

epdEastTac47VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

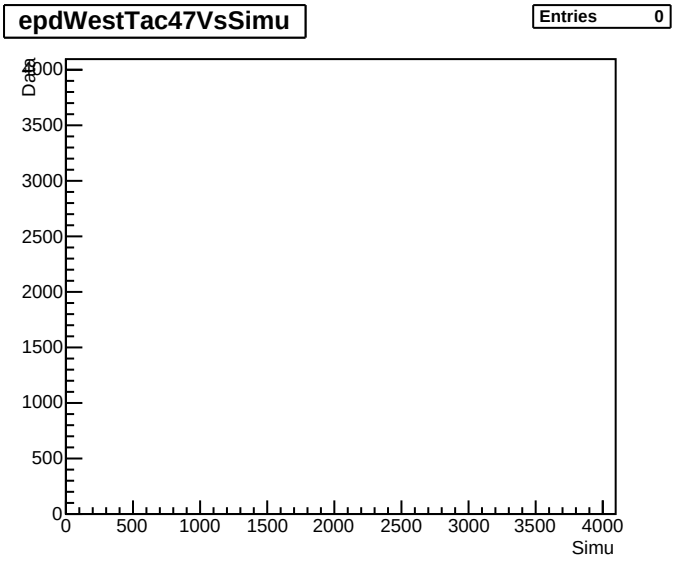

epdEastNHits
Entries 3308
10^3
10^2
10
1
0 20 40 60 80 100 120

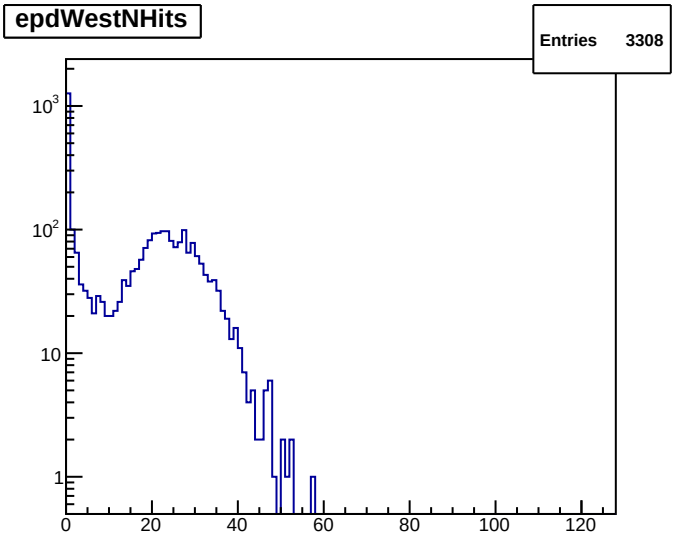

epdEastNHitsVsSimu
Entries 0
Data
120
100
80
60
40
20
0
0 20 40 60 80 100 120
Simu

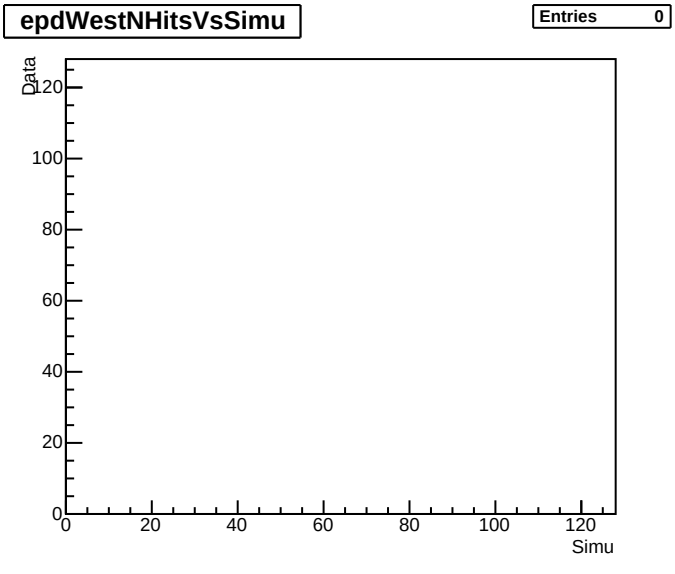

epdWestTac03
Entries 3308

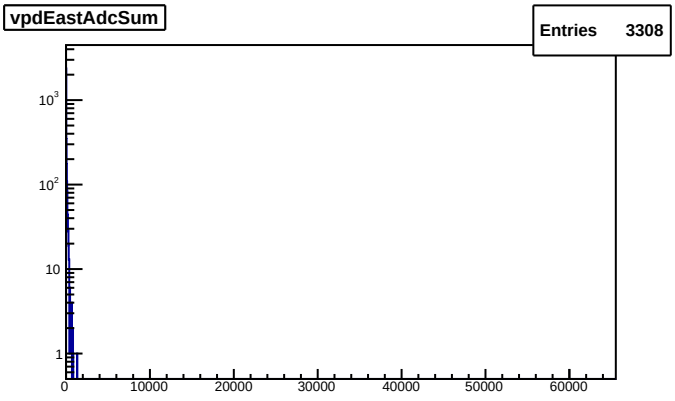

epdWestTac03VsSimu
Entries 0
Data
Simu

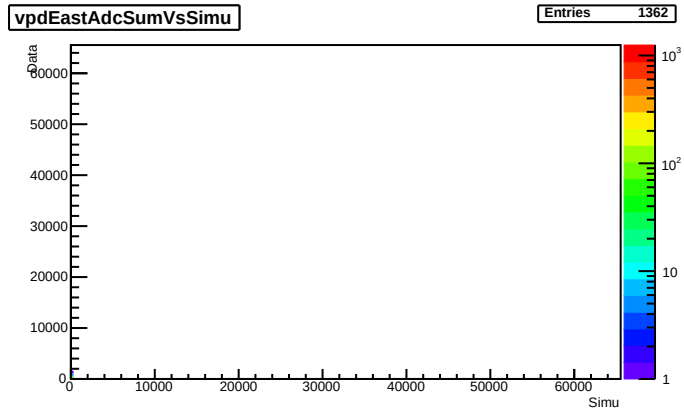

epdWestTac47
Entries 3308

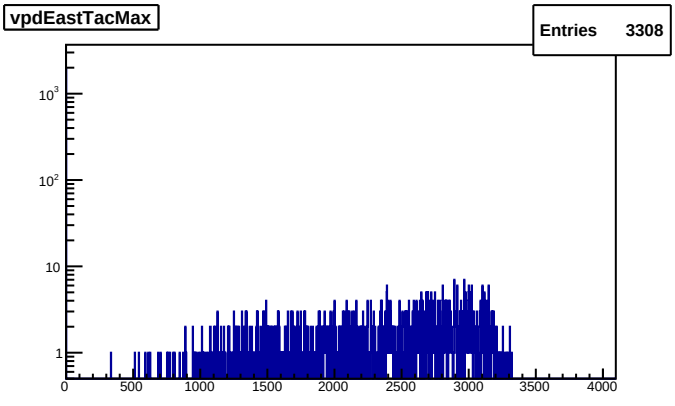

epdWestTac47VsSimu
Entries 0
Data
Simu

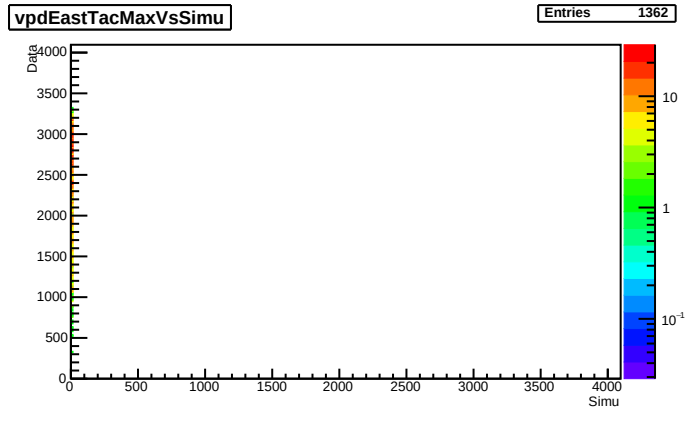

epdWestNHits
Entries 3308

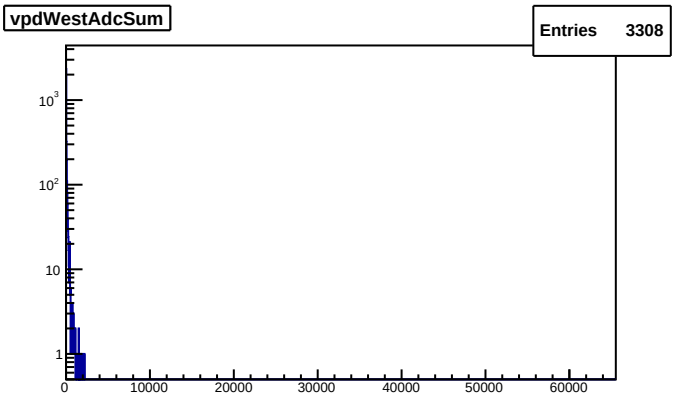

epdWestNHitsVsSimu
Entries 0
Data
Simu

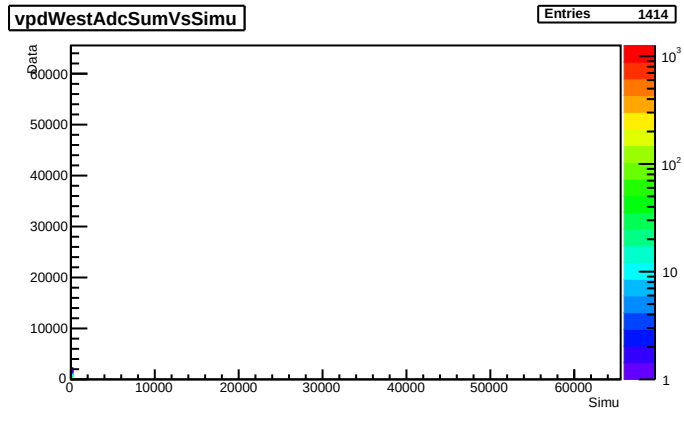

vpdEastAdcSum
Entries 3308

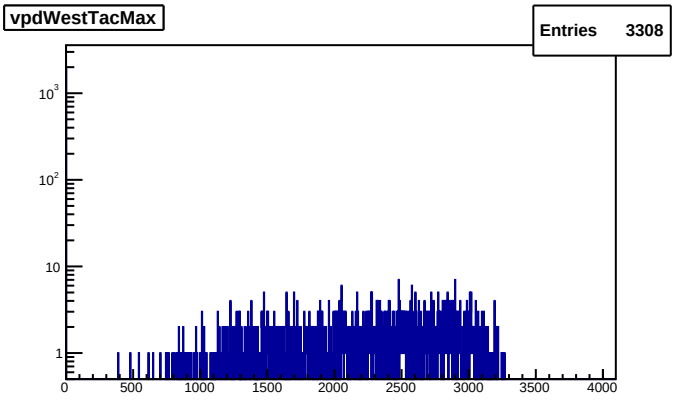

vpdEastAdcSumVsSimu
Entries 1362
Data
Simu

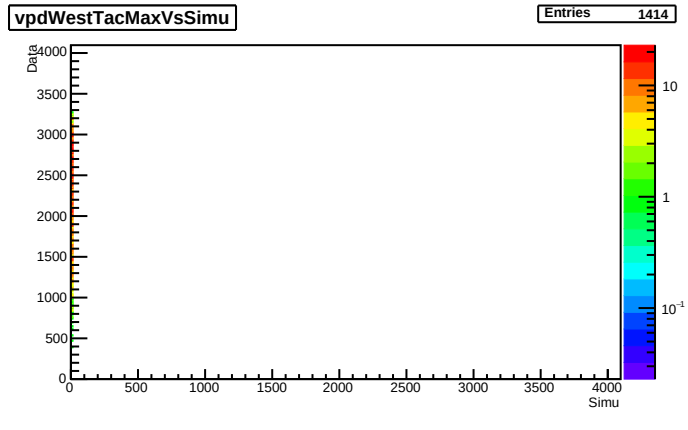

vpdEastTacMax
Entries 3308

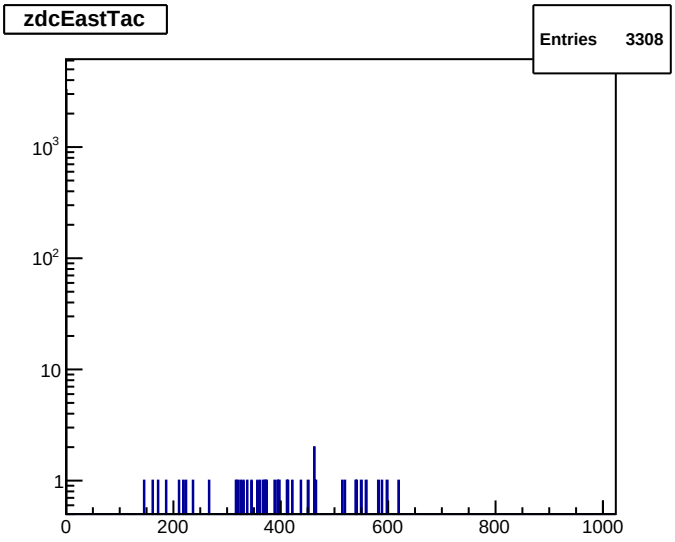

vpdEastTacMaxVsSimu
Entries 1362
Data
Simu

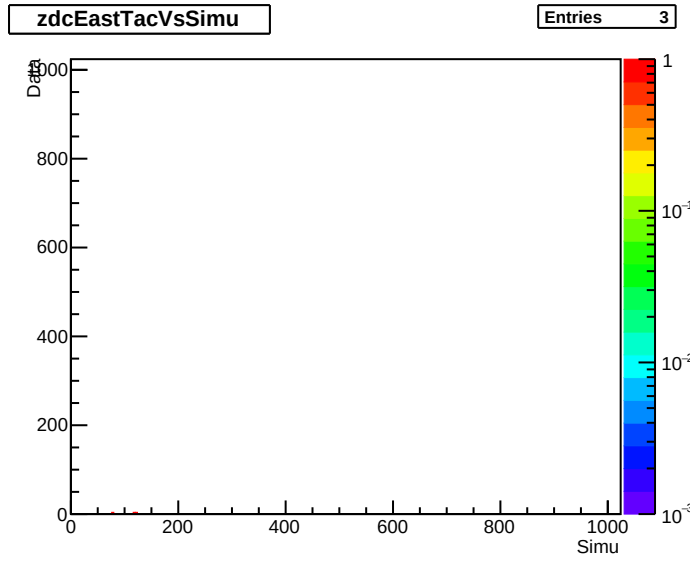

vpdWestAdcSum
Entries 3308

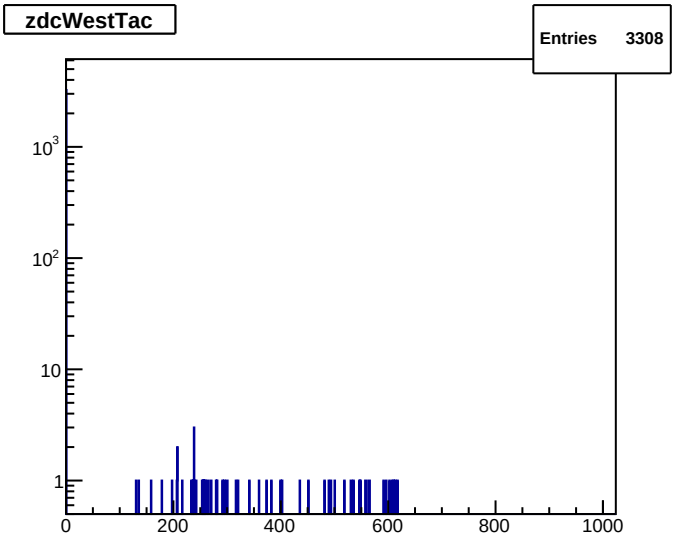

vpdWestAdcSumVsSimu
Entries 1414
Data
Simu

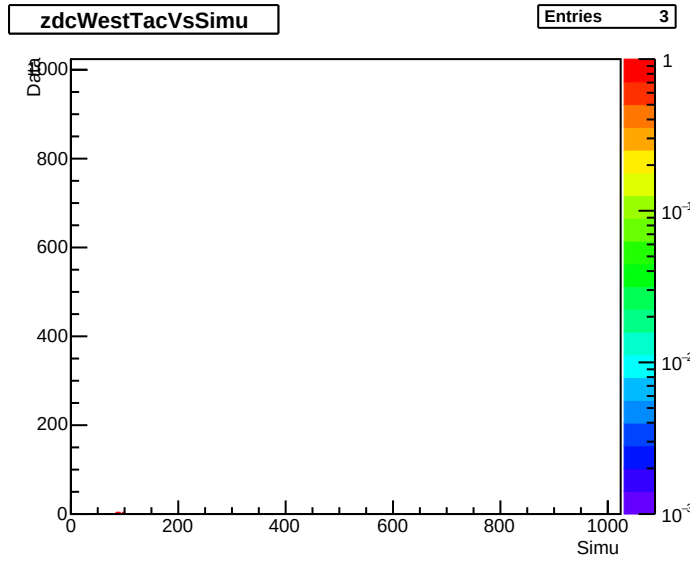

vpdWestTacMax
Entries 3308

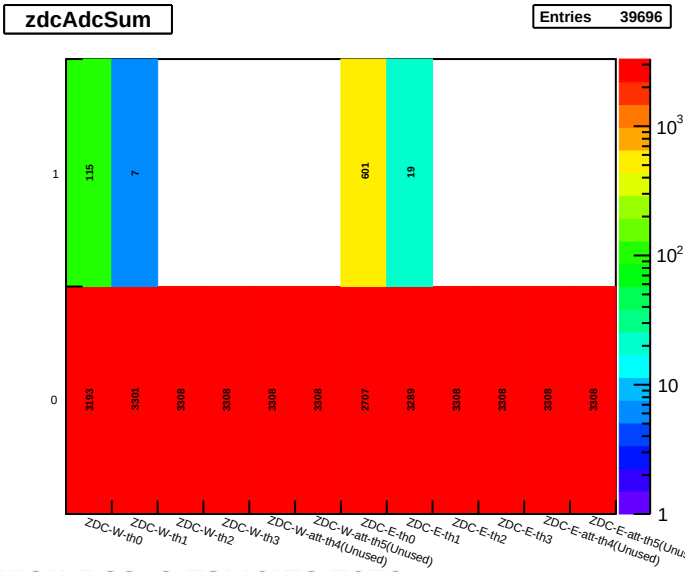

vpdWestTacMaxVsSimu
Entries 1414
Data
Simu

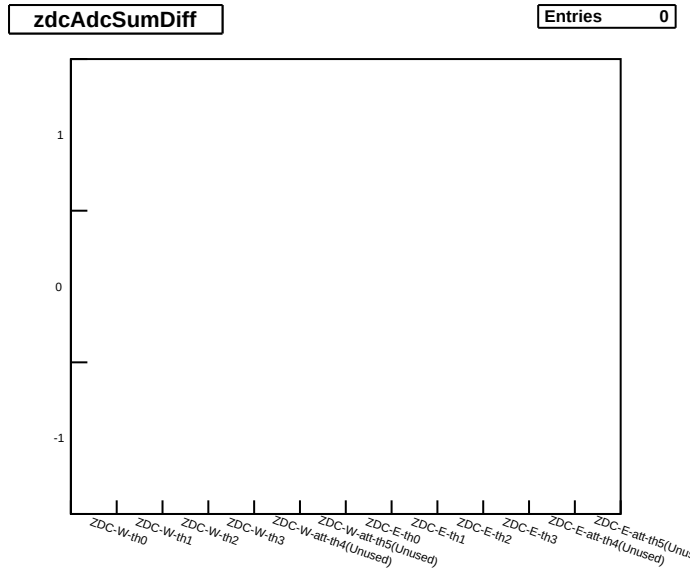

zdcEastTac
Entries 3308
10^3
10^2
10
1
0
200
400
600
800
1000

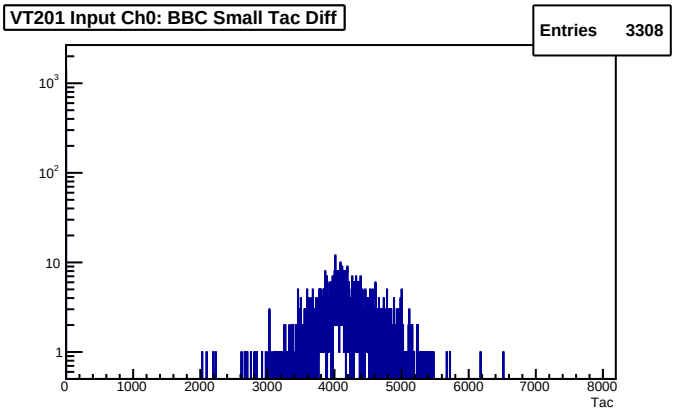

zdcEastTacVsSimu
Entries 3
Data
1000
800
600
400
200
0
Simu
1
10^{-1}
10^{-2}
10^{-3}

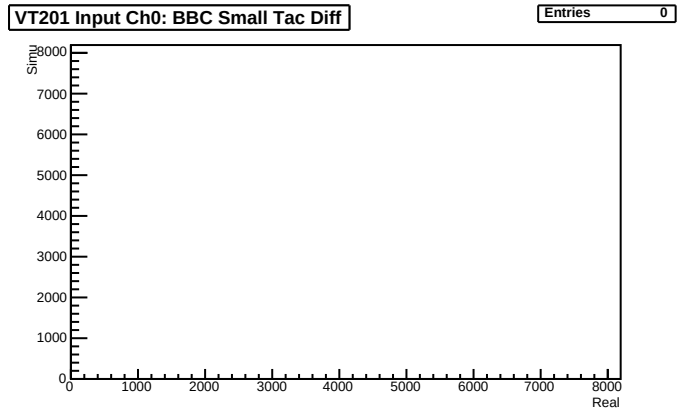

zdcWestTac
Entries 3308
10^3
10^2
10
1
0
200
400
600
800
1000

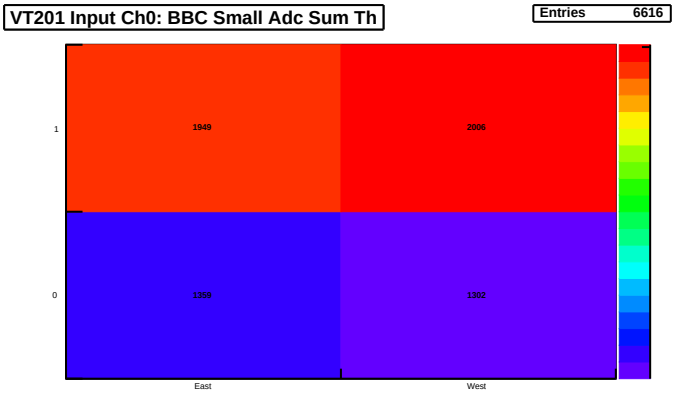

zdcWestTacVsSimu
Entries 3
Data
1000
800
600
400
200
0
Simu
1
10^{-1}
10^{-2}
10^{-3}

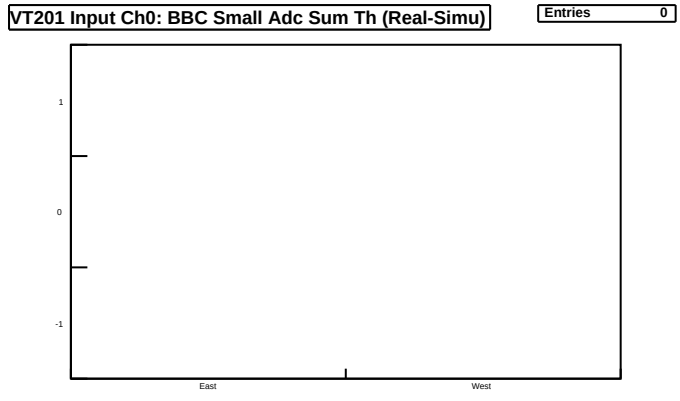

zdcAdcSum
Entries 39696
1
0
115
7
601
19
3193
3301
3308
3308
3308
3308
2707
3269
3308
3308
3308
3308
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

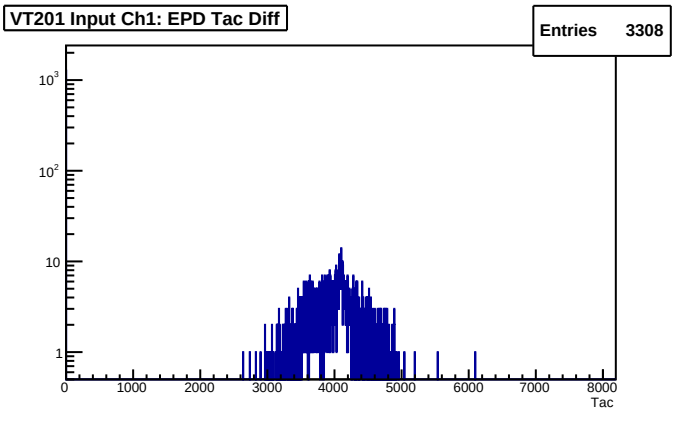

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

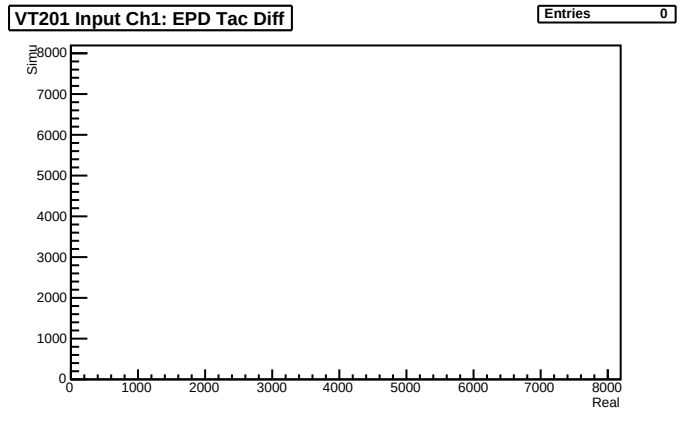

VT201 Input Ch0: BBC Small Tac Diff
Entries 3308
Tac

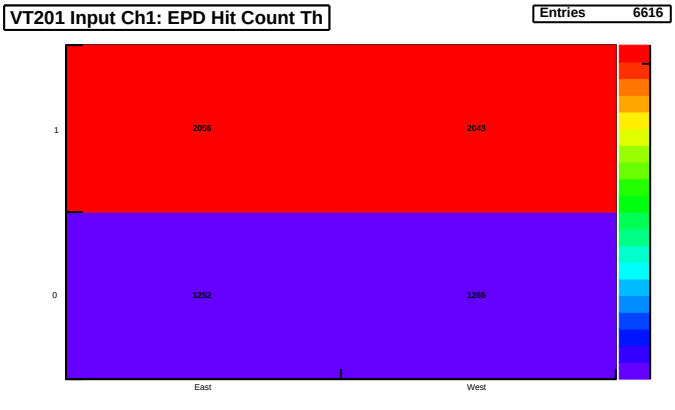

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

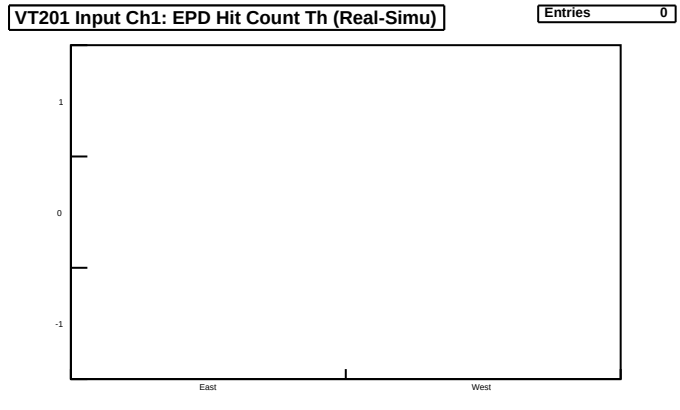

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 6616
1949
2006
1359
1302
East
West

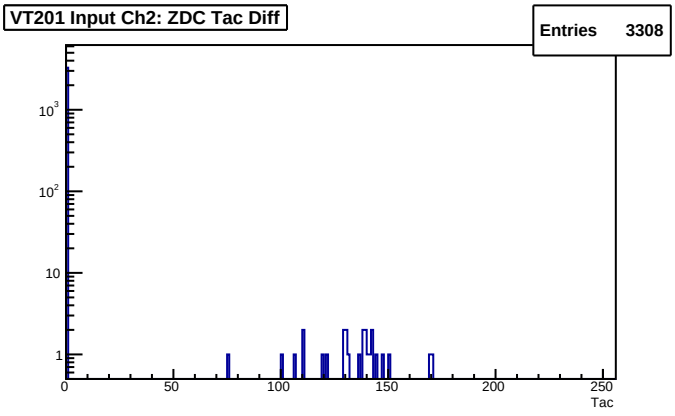

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

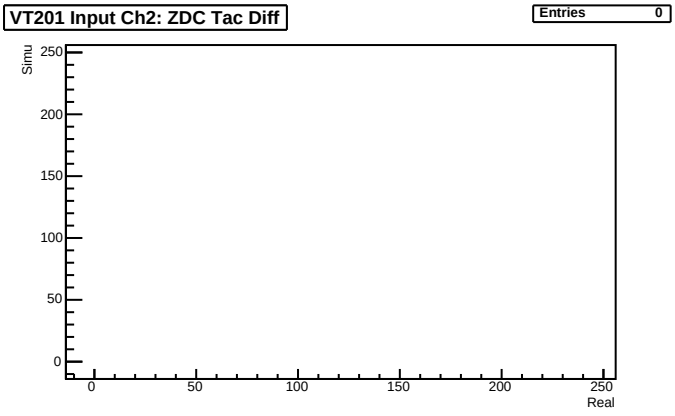

VT201 Input Ch1: EPD Tac Diff
Entries 3308
Tac

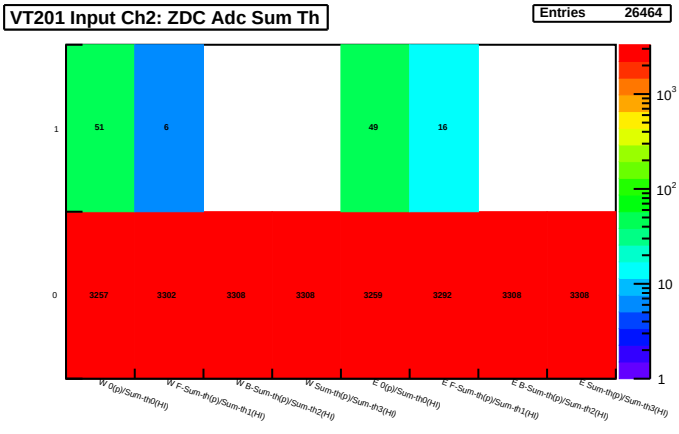

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

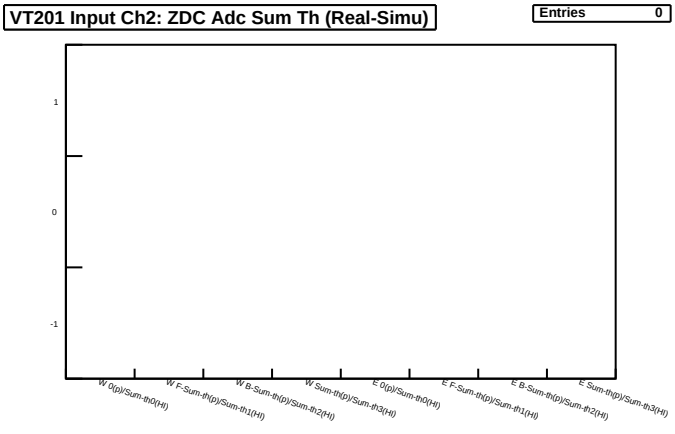

VT201 Input Ch1: EPD Hit Count Th
Entries 6616
2056
2043
1252
1265
East
West

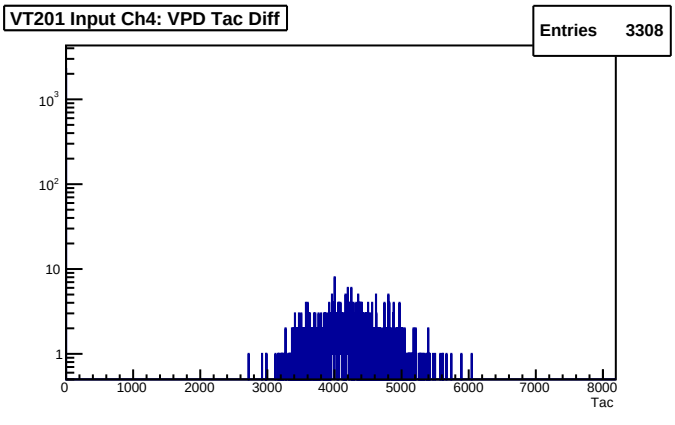

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

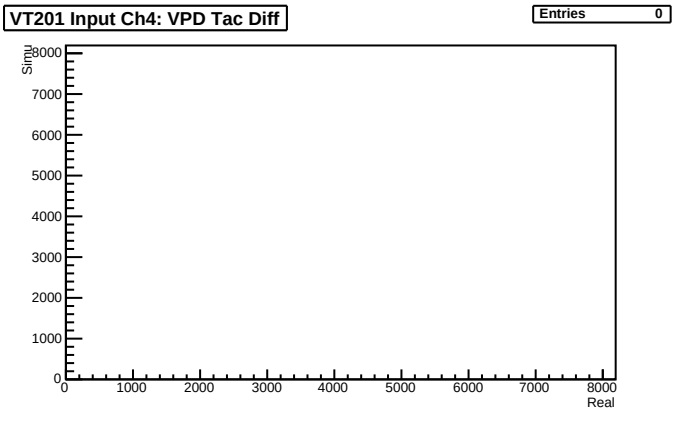

VT201 Input Ch2: ZDC Tac Diff
Entries 3308
Tac

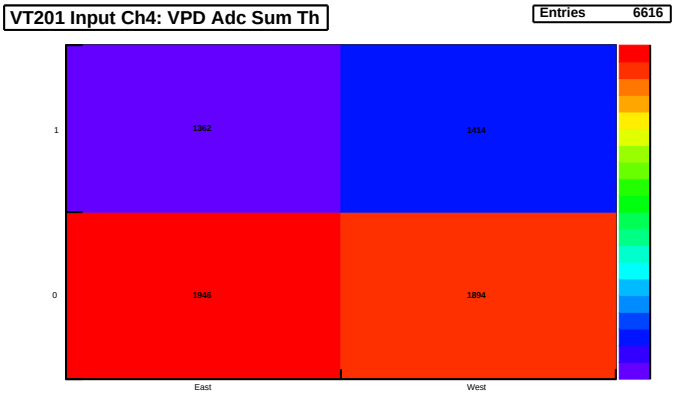

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

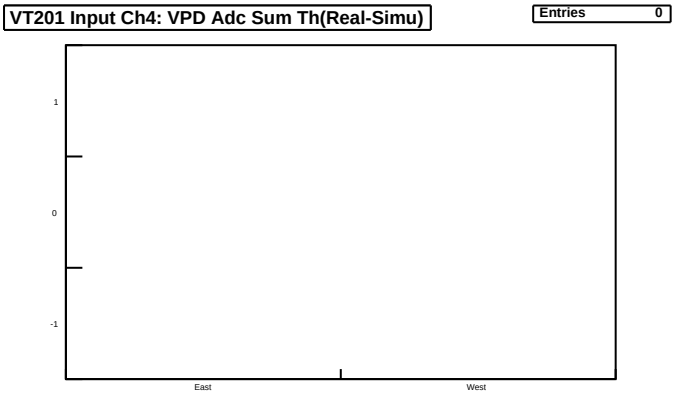

VT201 Input Ch2: ZDC Adc Sum Th
Entries 26464
51
6
49
16
3257
3302
3308
3308
3259
3292
3308
3308
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

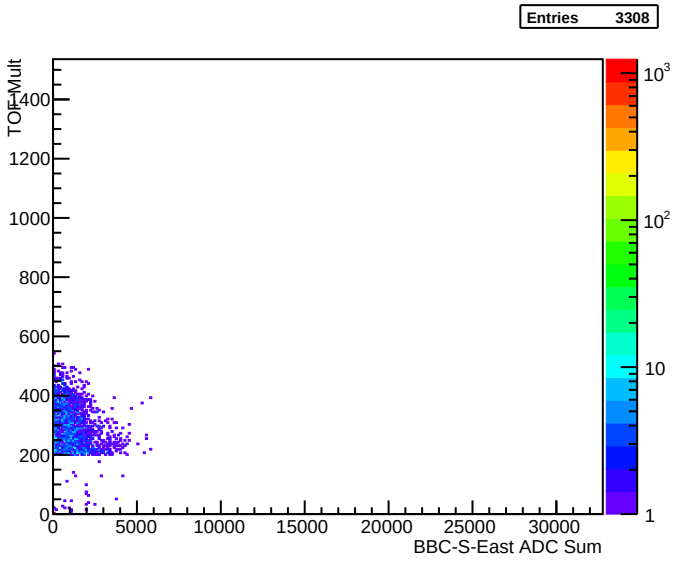

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

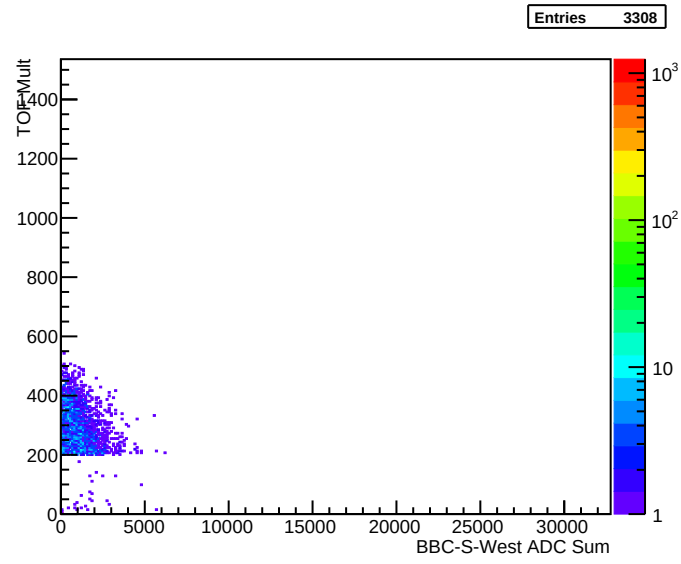

VT201 Input Ch4: VPD Tac Diff
Entries 3308
Tac

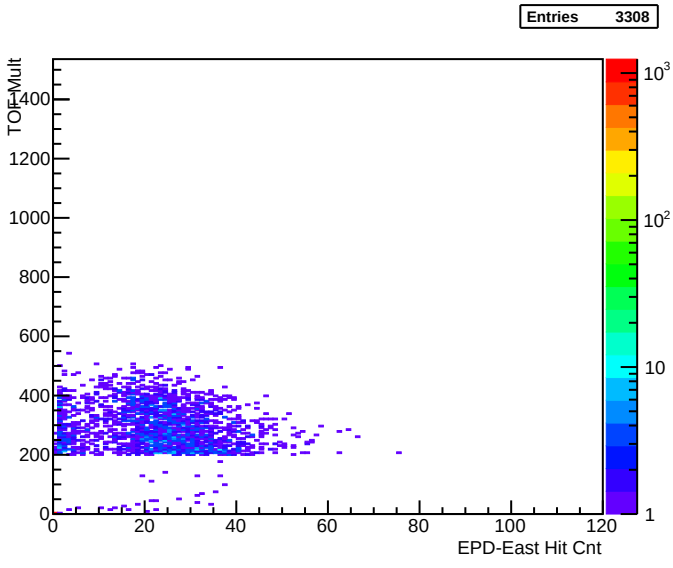

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

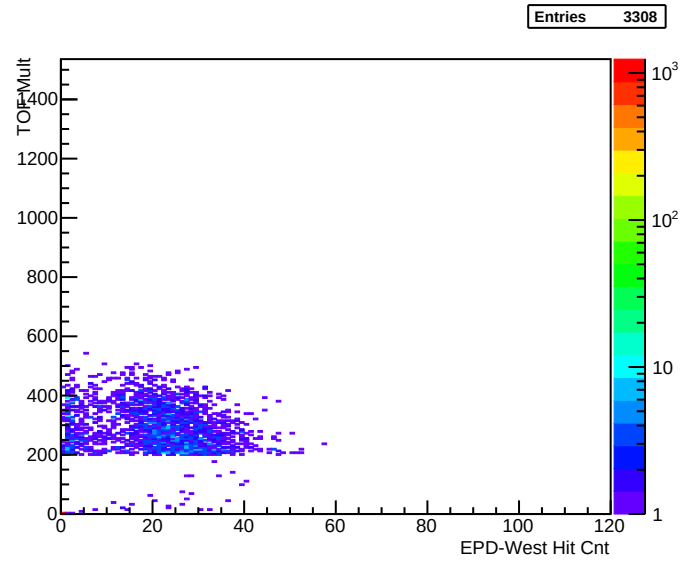

VT201 Input Ch4: VPD Adc Sum Th
Entries 6616
1362
1414
1946
1894
East
West

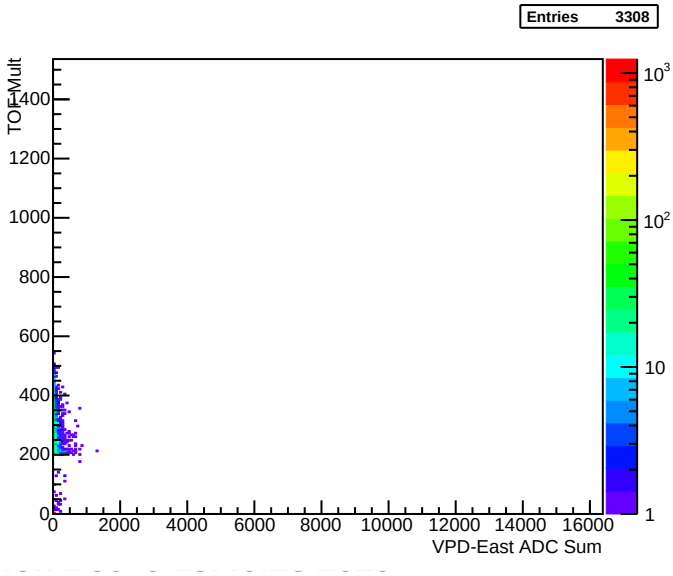

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

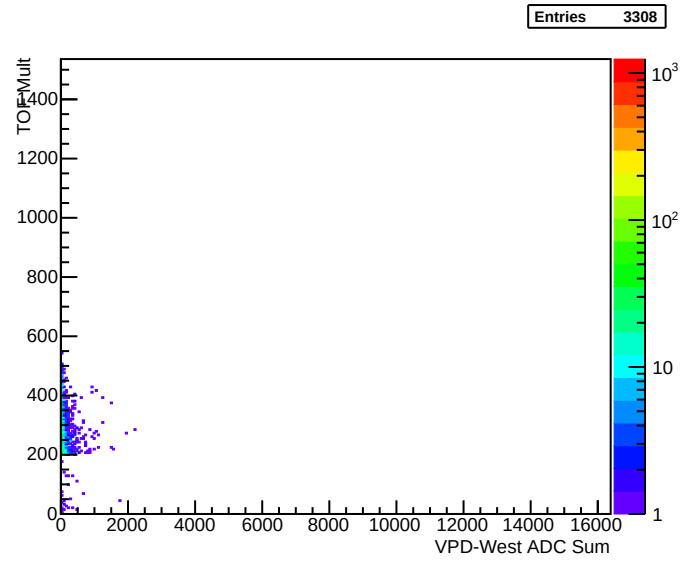

Entries 3308
TOF-Mult
BBC-S-East ADC Sum

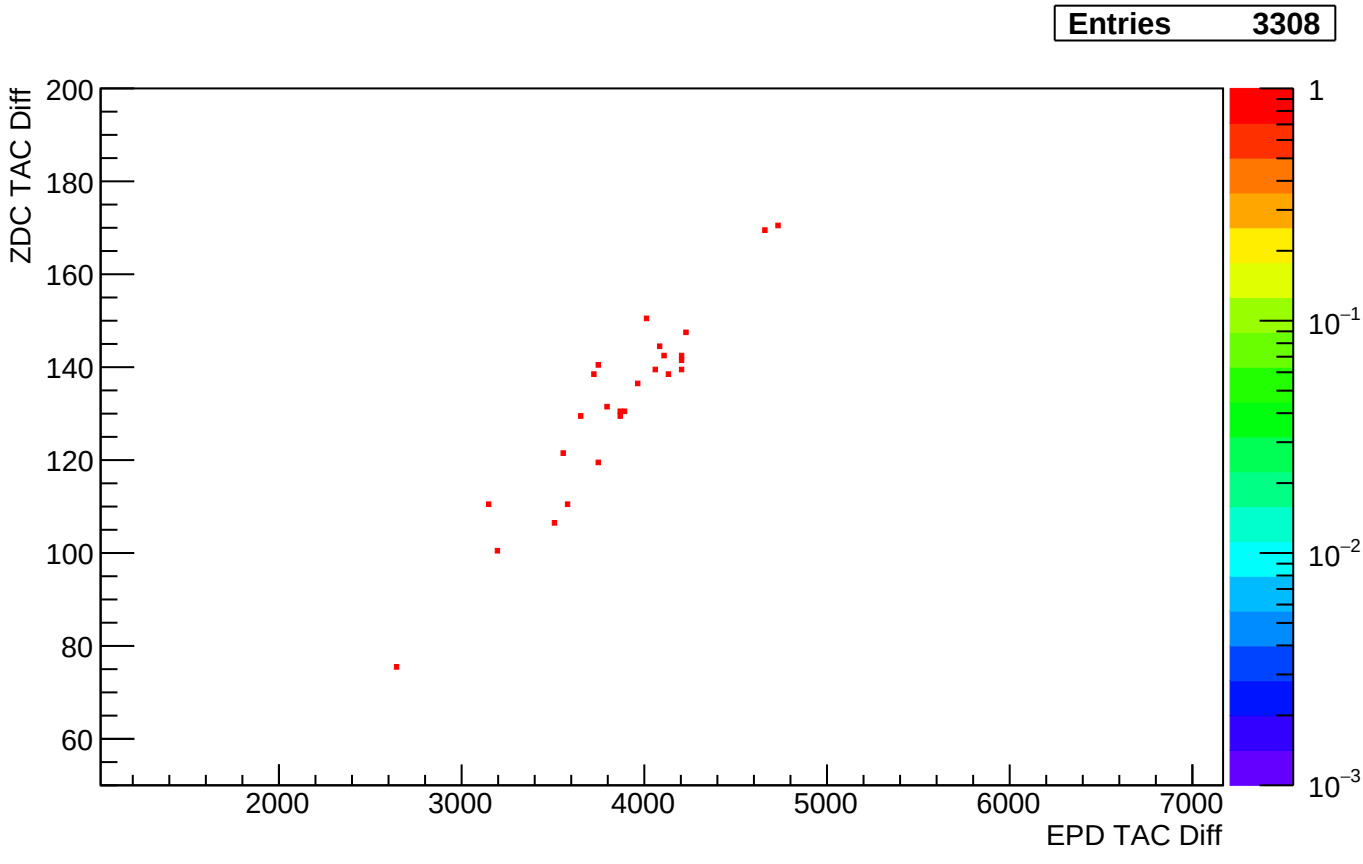

Entries 3308
TOF-Mult
BBC-S-West ADC Sum

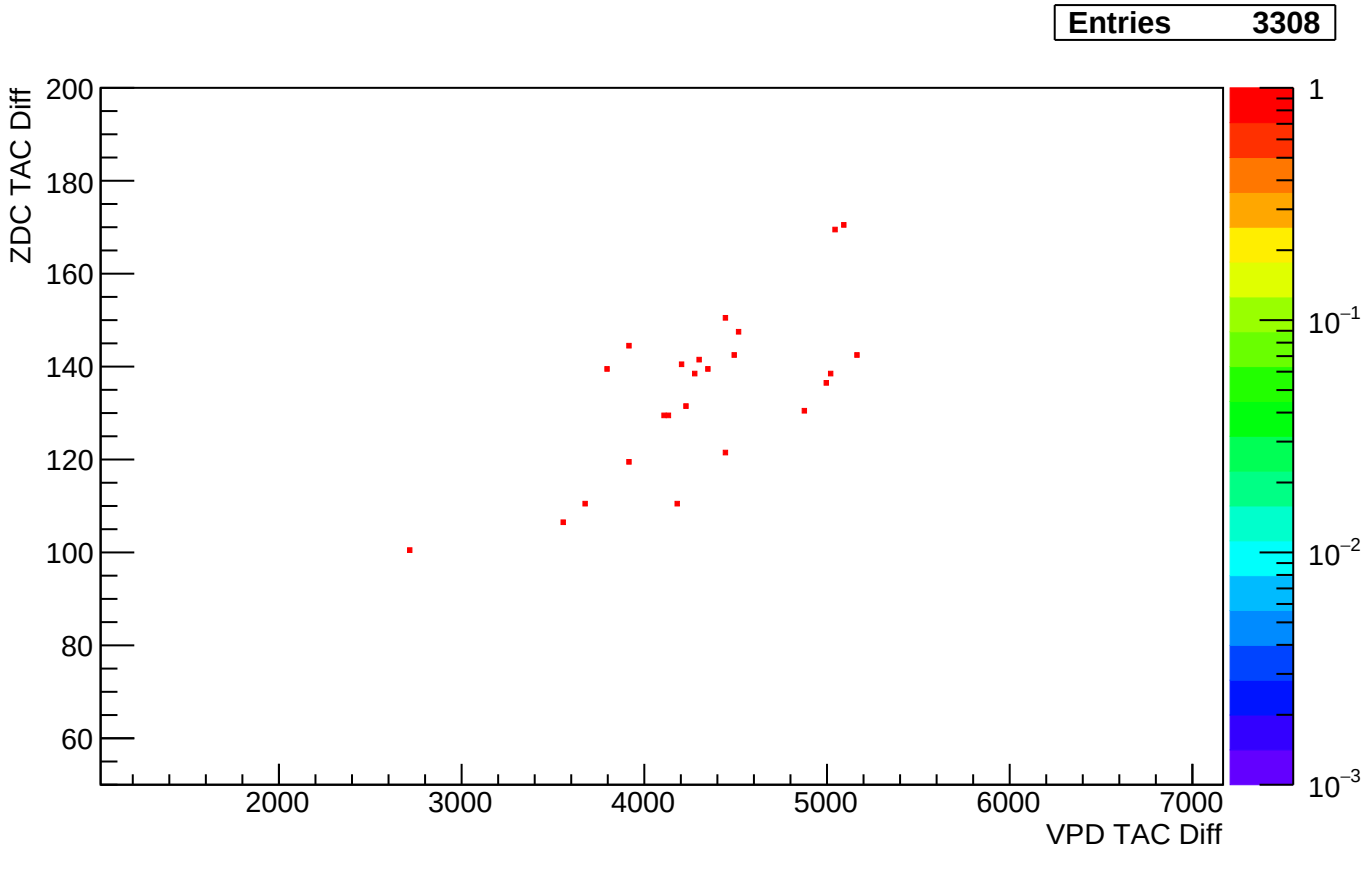

Entries 3308
TOF-Mult
EPD-East Hit Cnt

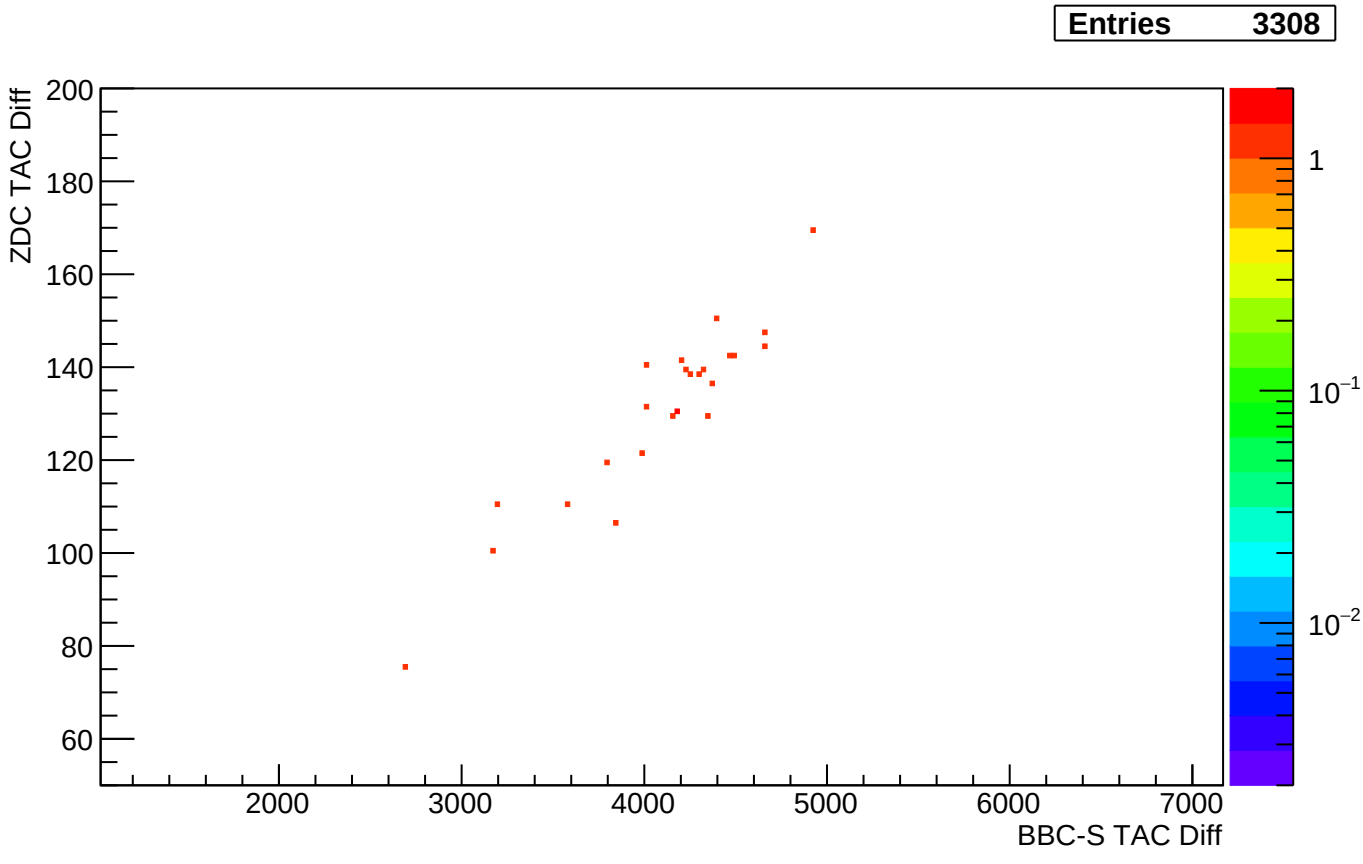

Entries 3308
TOF-Mult
EPD-West Hit Cnt

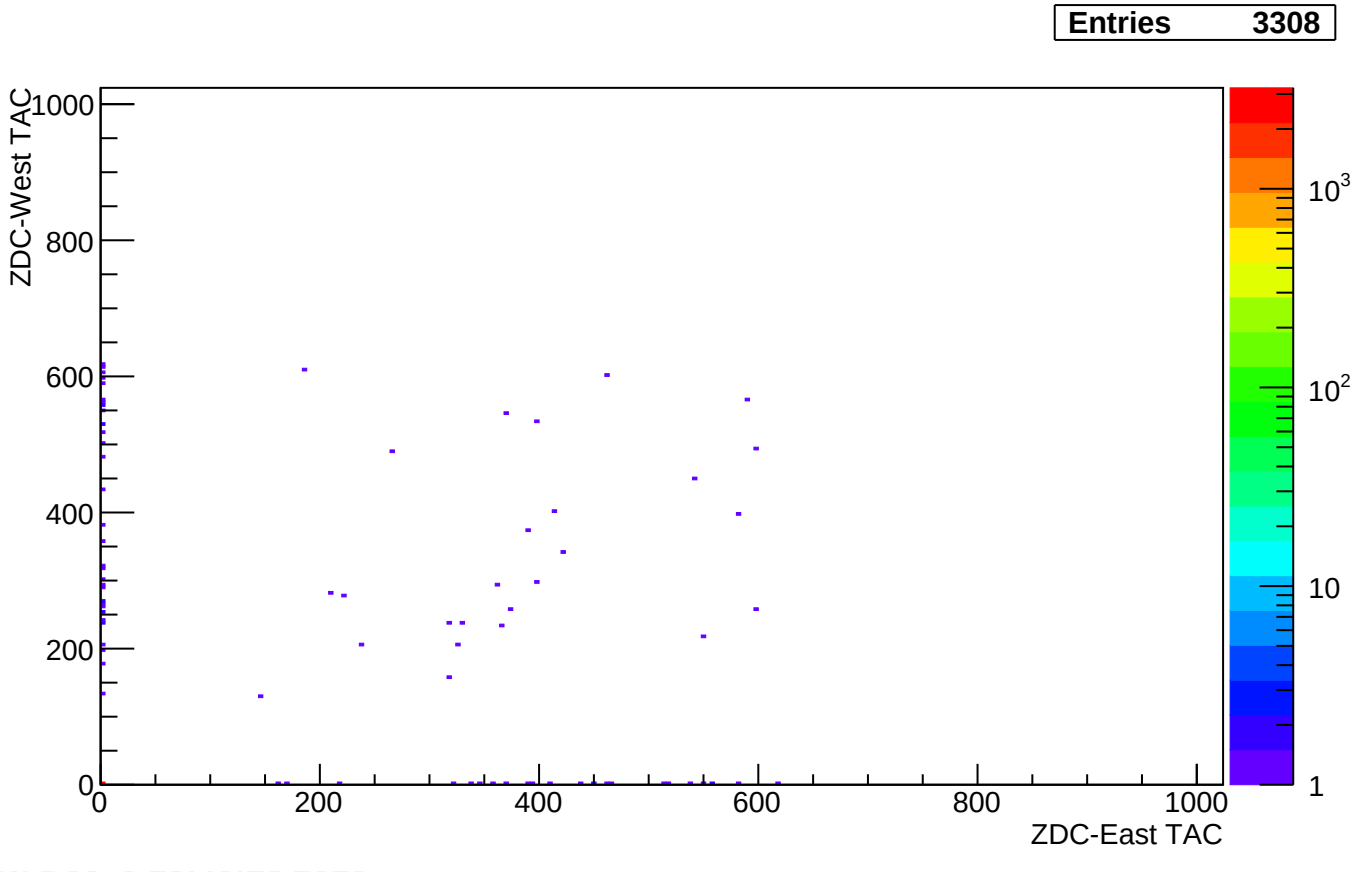

Entries 3308
TOF-Mult
VPD-East ADC Sum

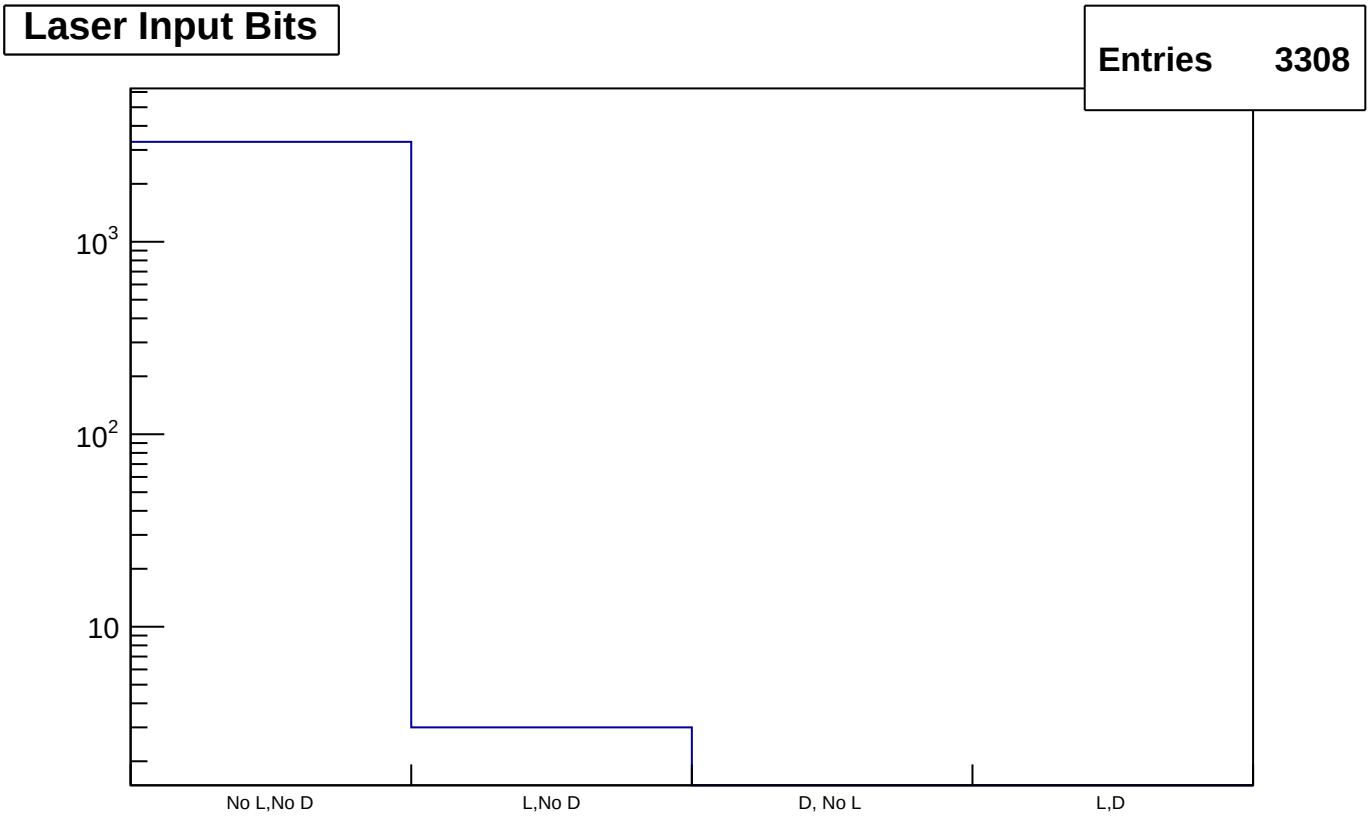

Entries 3308
TOF-Mult
VPD-West ADC Sum

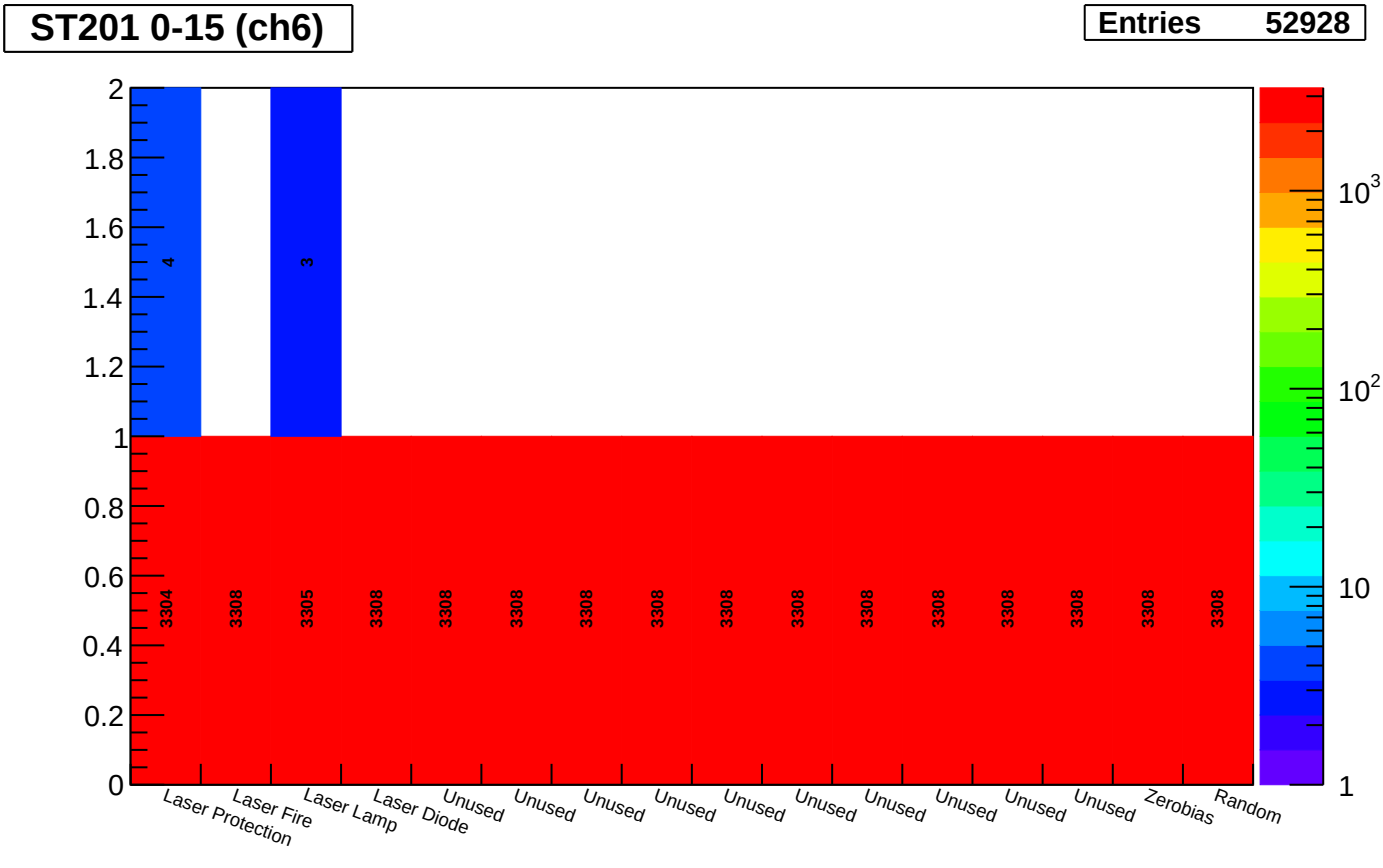

Entries 3308
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

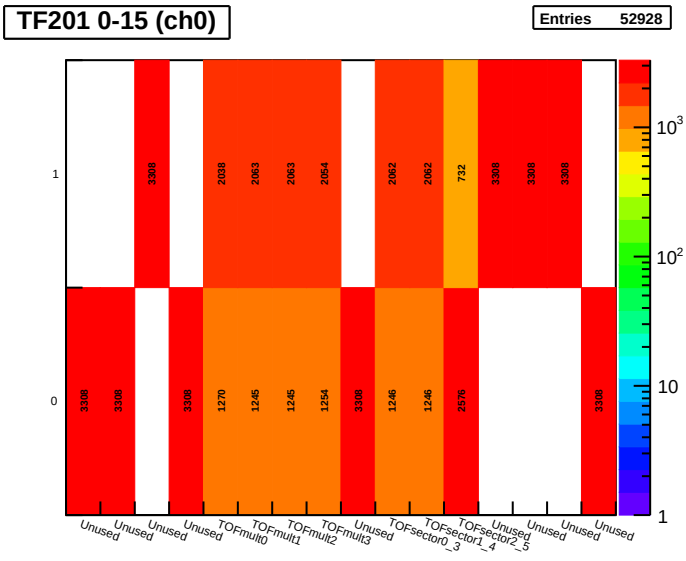

Entries 3308
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

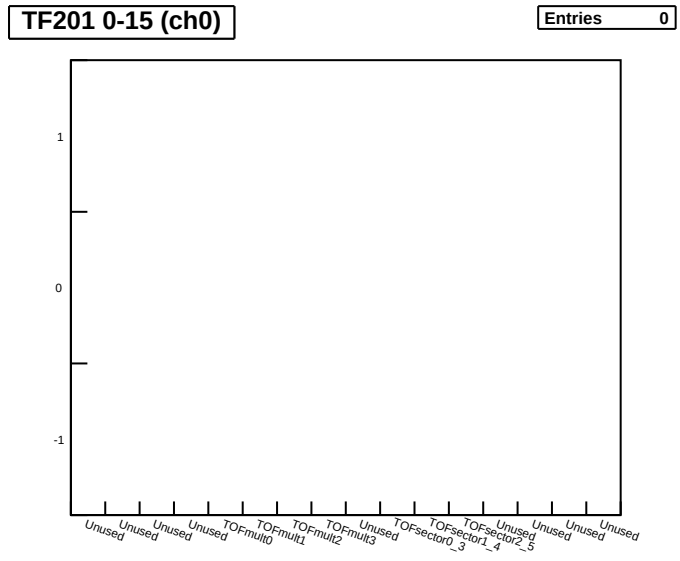

Entries 3308
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

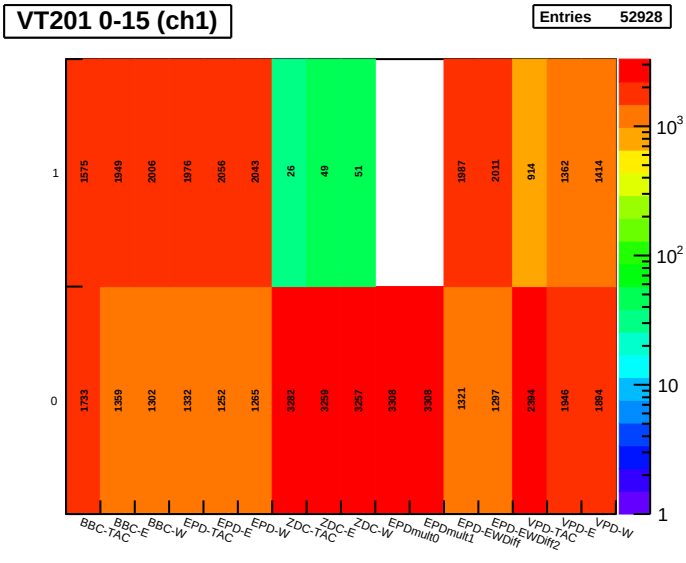

Entries 3308
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^3
10^2
10
1

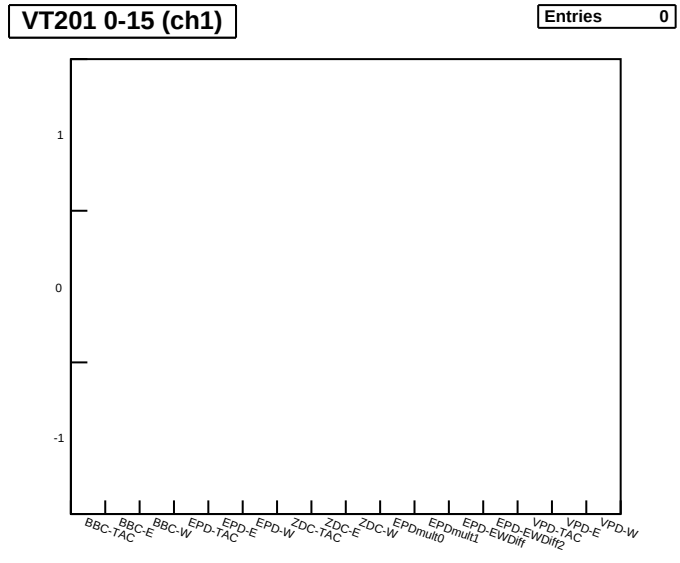

Laser Input Bits
Entries 3308
10^3
10^2
10
No L,No D
L,No D
D, No L
L,D

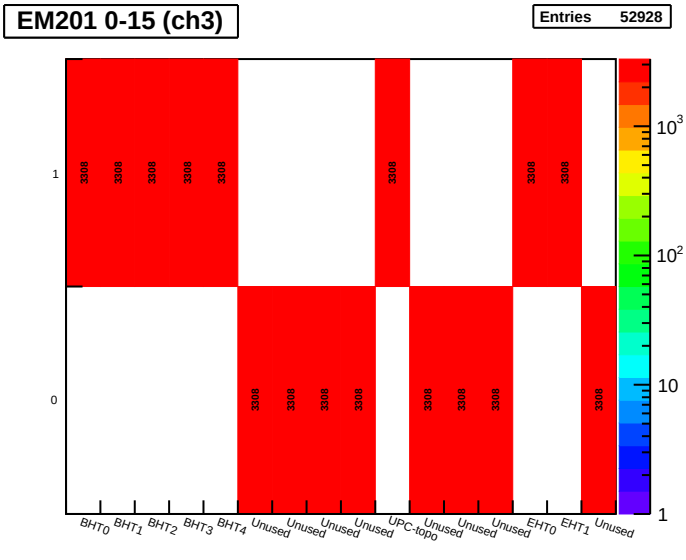

ST201 0-15 (ch6)
Entries 52928
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
4
3
3304
3308
3305
3308
3308
3308
3308
3308
3308
3308
3308
3308
3308
3308
3308
3308
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^3
10^2
10
1

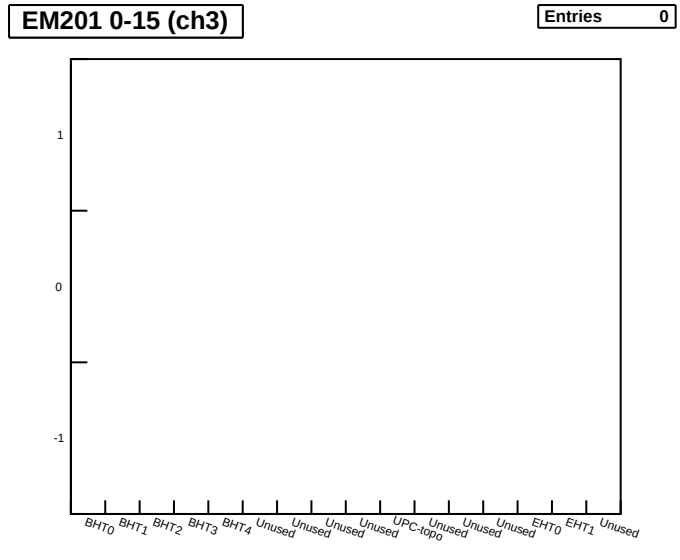

TF201 0-15 (ch0)
Entries 52928
1
0
3308 2038 2063 2063 2054 2062 2062 732 3308 3308 3308
3308 3308 3308 1270 1245 1245 1254 3308 1246 1246 2576 3308
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^3
10^2
10
1


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 52928
1
0
1575 1949 2006 1976 2056 2043 26 49 51 1987 2011 914 1362 1414
1733 1359 1302 1332 1252 1265 3282 3259 3257 3308 3308 1321 1297 2394 1946 1894
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 52928
1
0
3308 3308 3308 3308 3308 3308 3308 3308
3308 3308 3308 3308 3308 3308 3308 3308
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