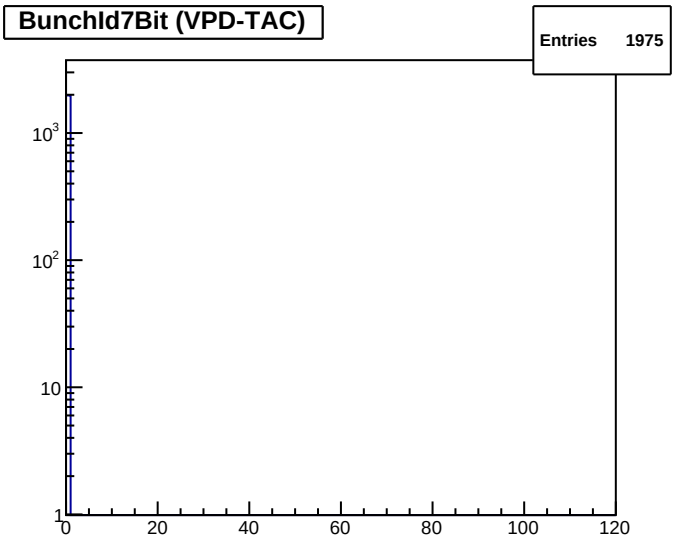
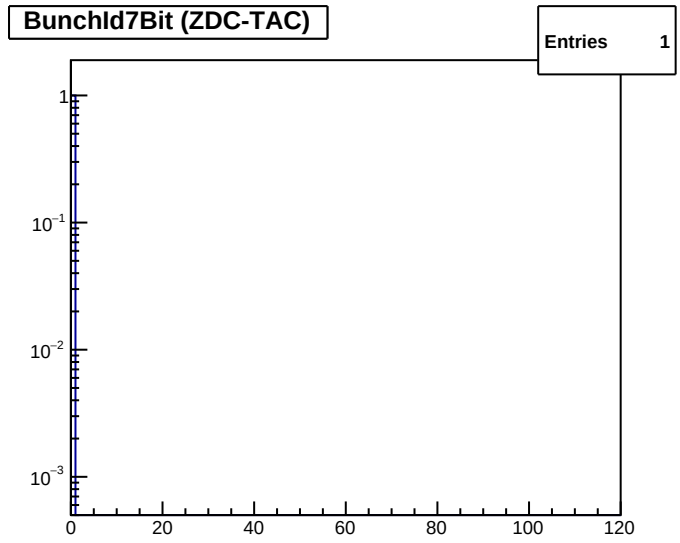
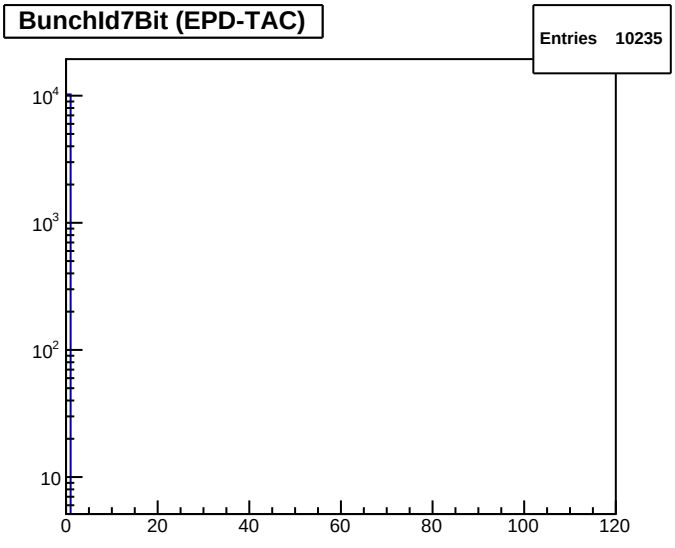
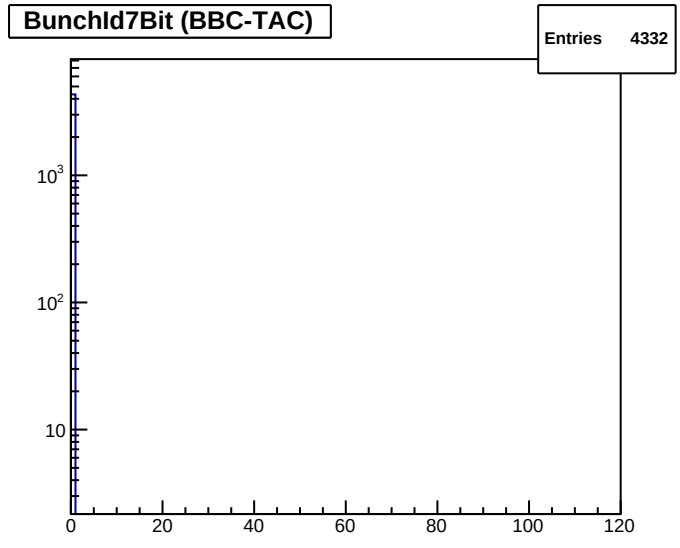
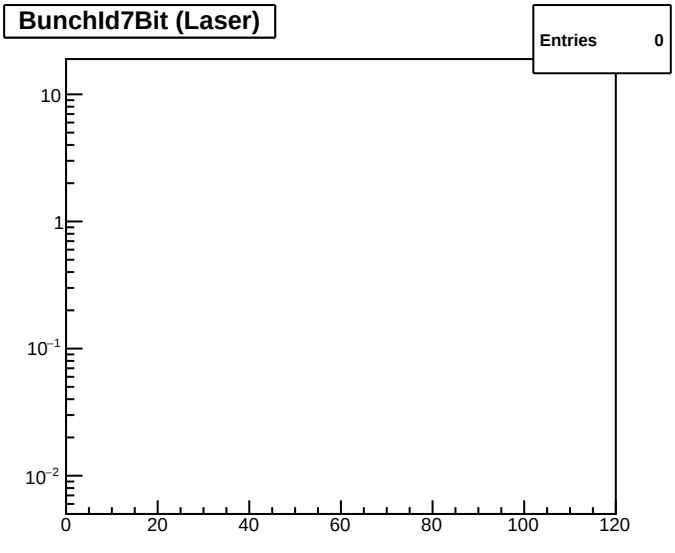
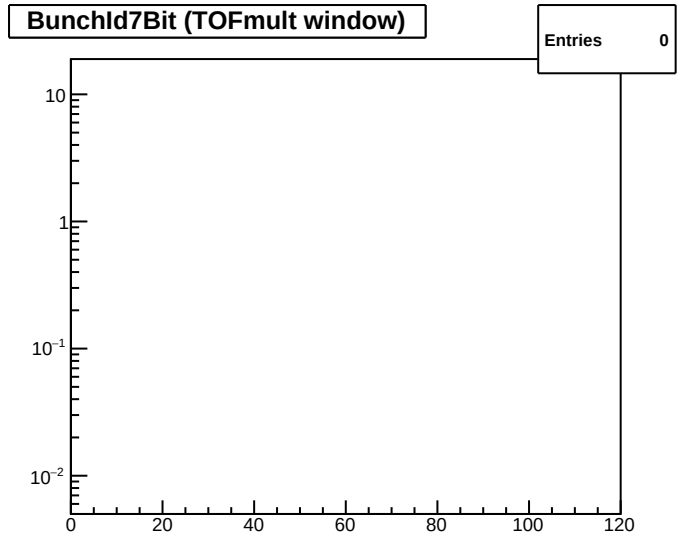

BunchId7Bit (VPD-TAC)
Entries 1975

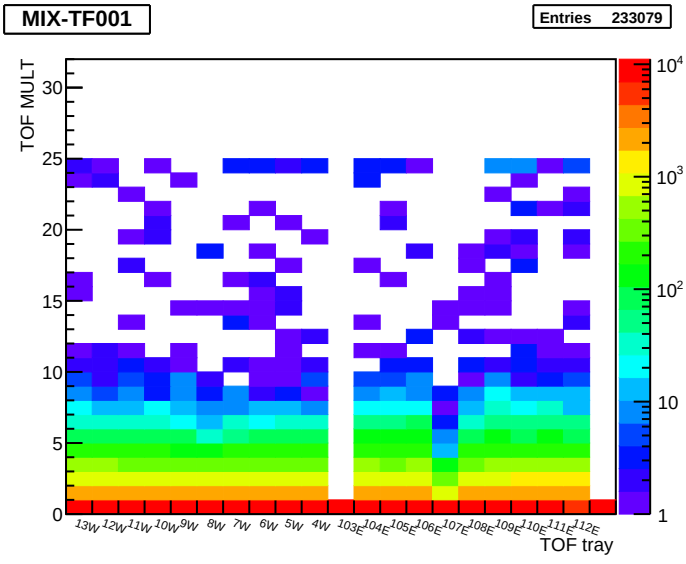

BunchId7Bit (ZDC-TAC)
Entries 1

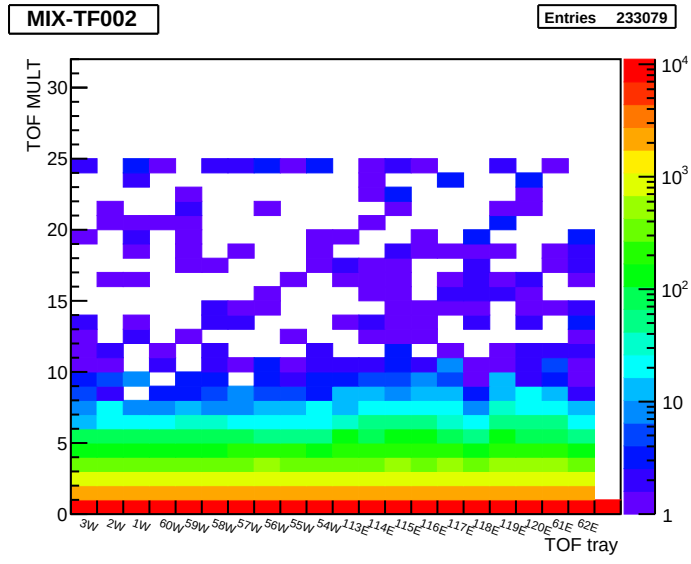

BunchId7Bit (EPD-TAC)
Entries 10235

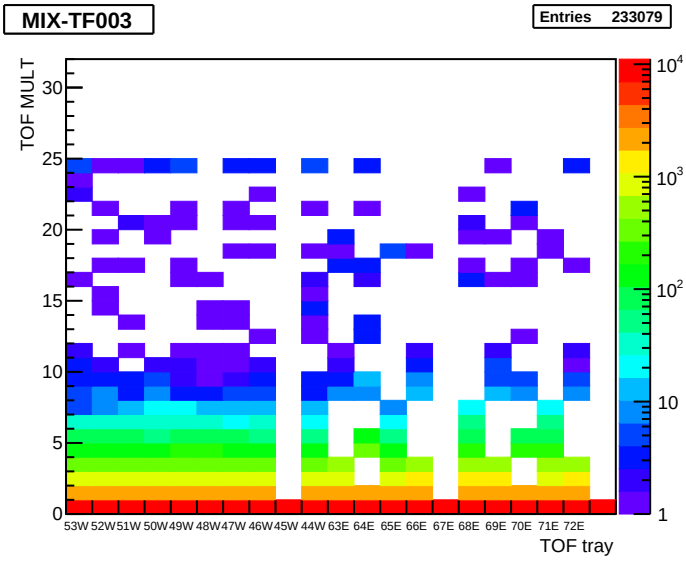

BunchId7Bit (BBC-TAC)
Entries 4332

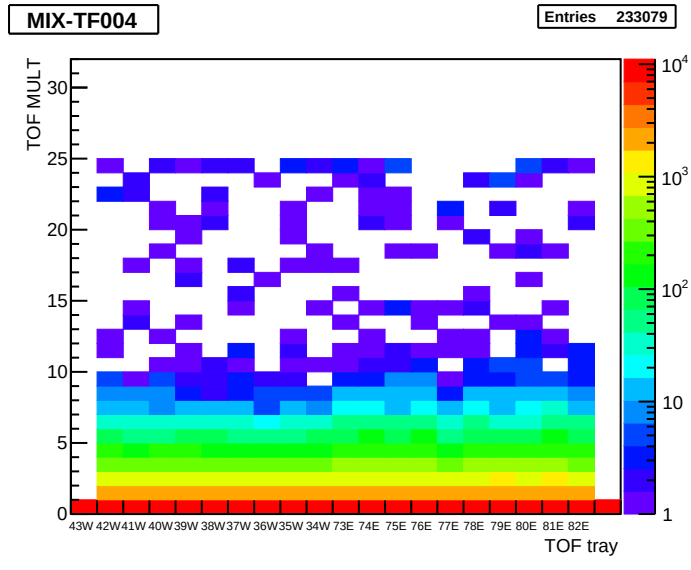

BunchId7Bit (Laser)
Entries 0

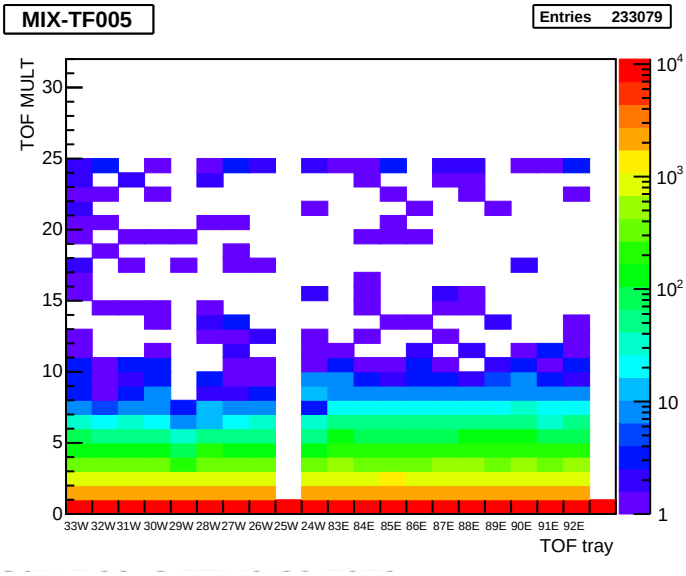

BunchId7Bit (TOFmult window)
Entries 0

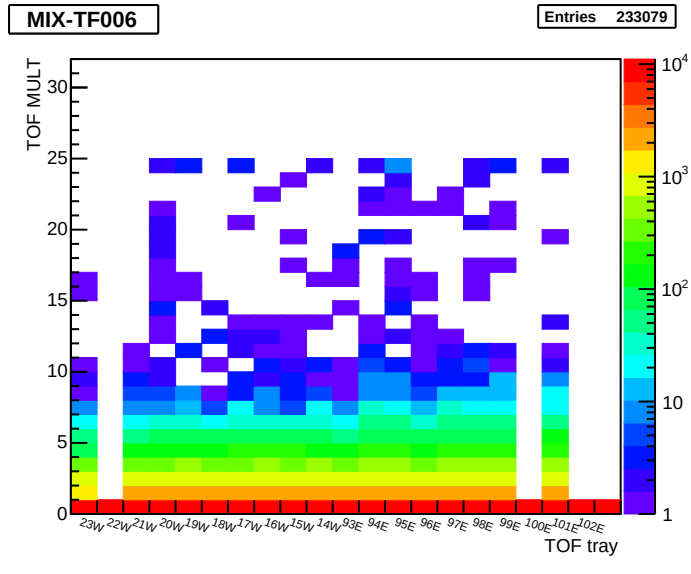

MIX-TF001
Entries 233079
TOF MULT
TOF tray

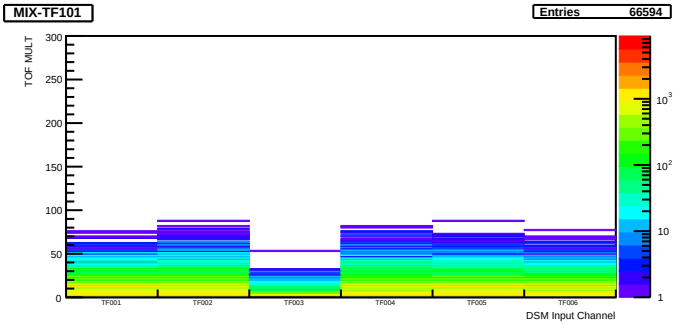

MIX-TF002
Entries 233079
TOF MULT
TOF tray

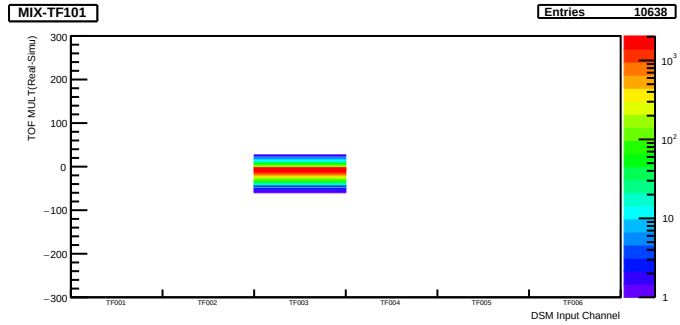

MIX-TF003
Entries 233079
TOF MULT
TOF tray

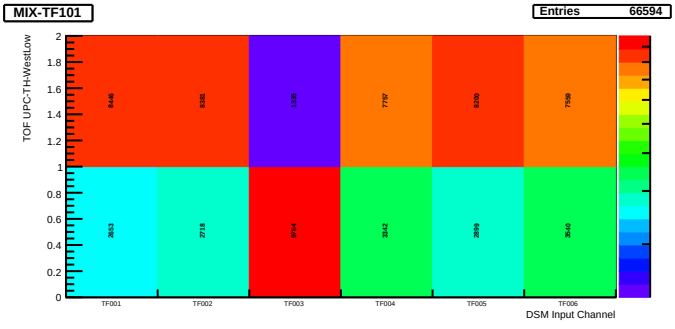

MIX-TF004
Entries 233079
TOF MULT
TOF tray

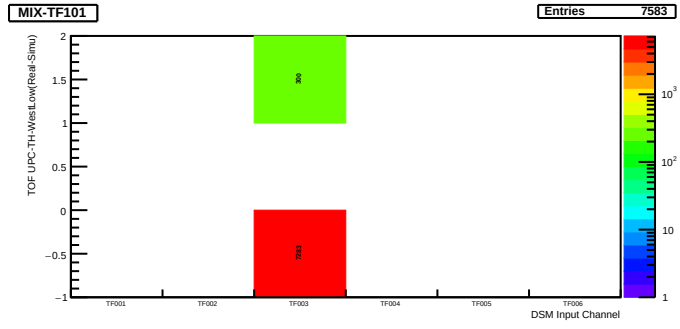

MIX-TF005
Entries 233079
TOF MULT
TOF tray

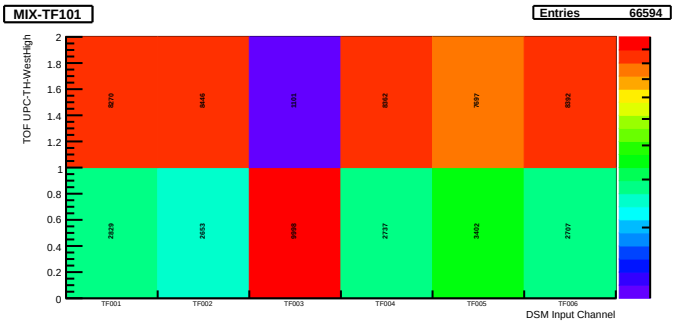

MIX-TF006
Entries 233079
TOF MULT
TOF tray

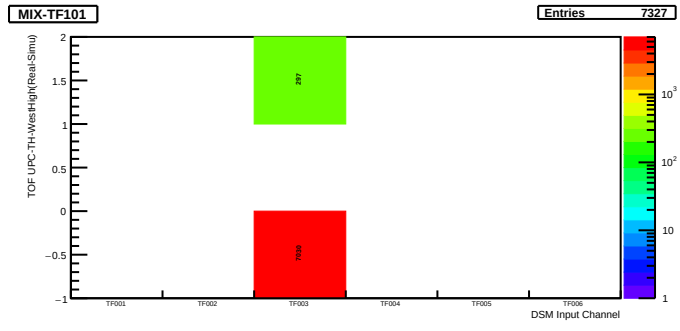

MIX-TF101
Entries 66594
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

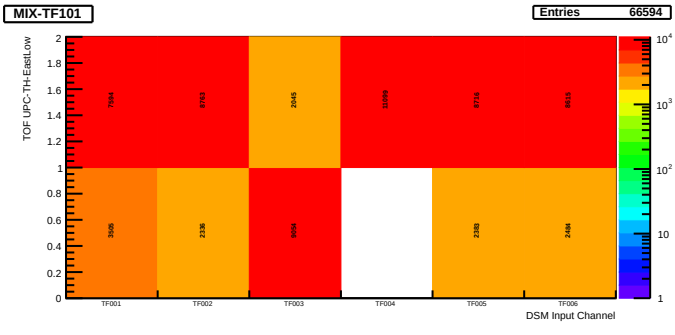

MIX-TF101
Entries 10638
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

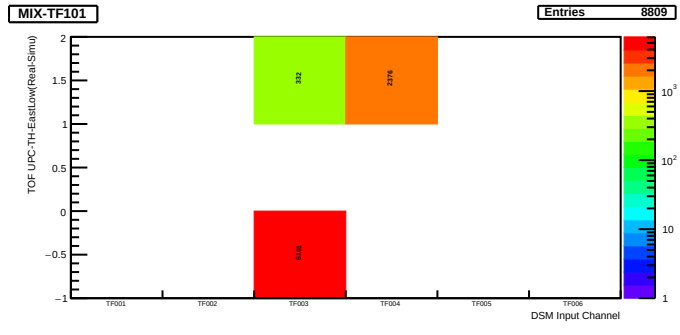

MIX-TF101
Entries 66594
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

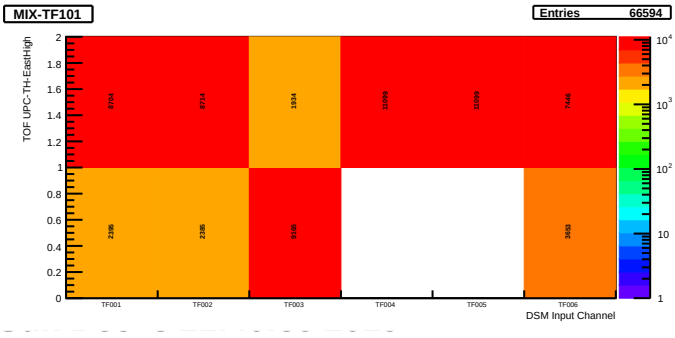

MIX-TF101
Entries 7583
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

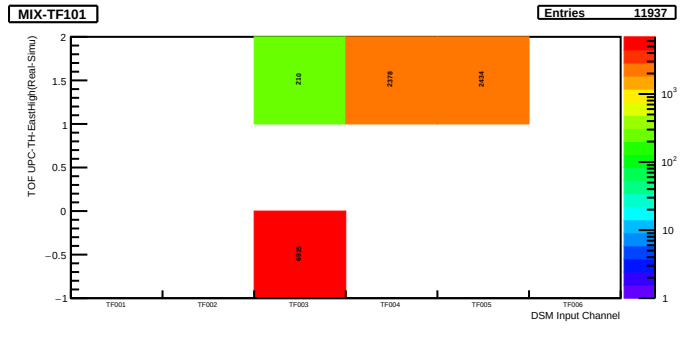

MIX-TF101
Entries 66594
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

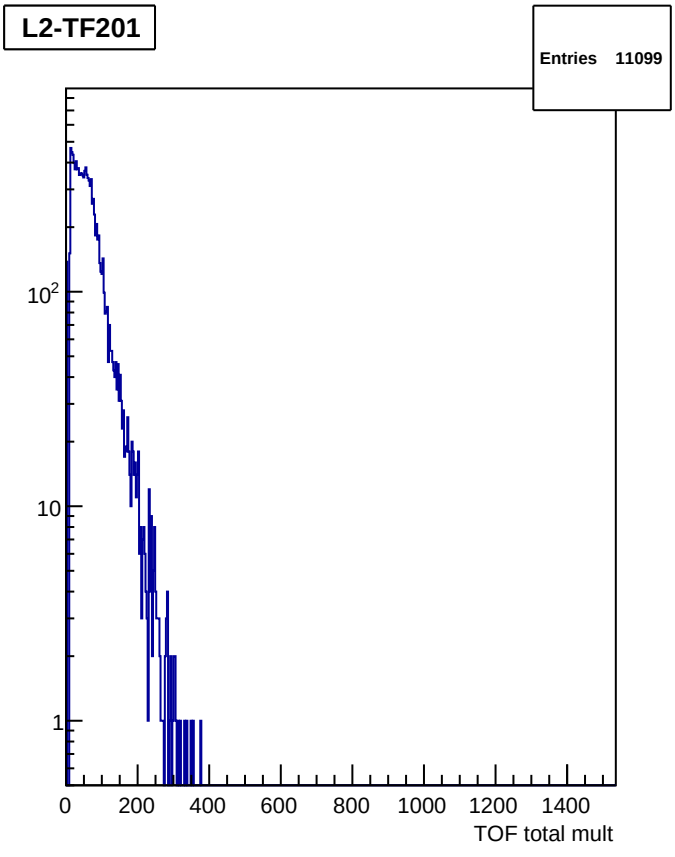

MIX-TF101
Entries 7327
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

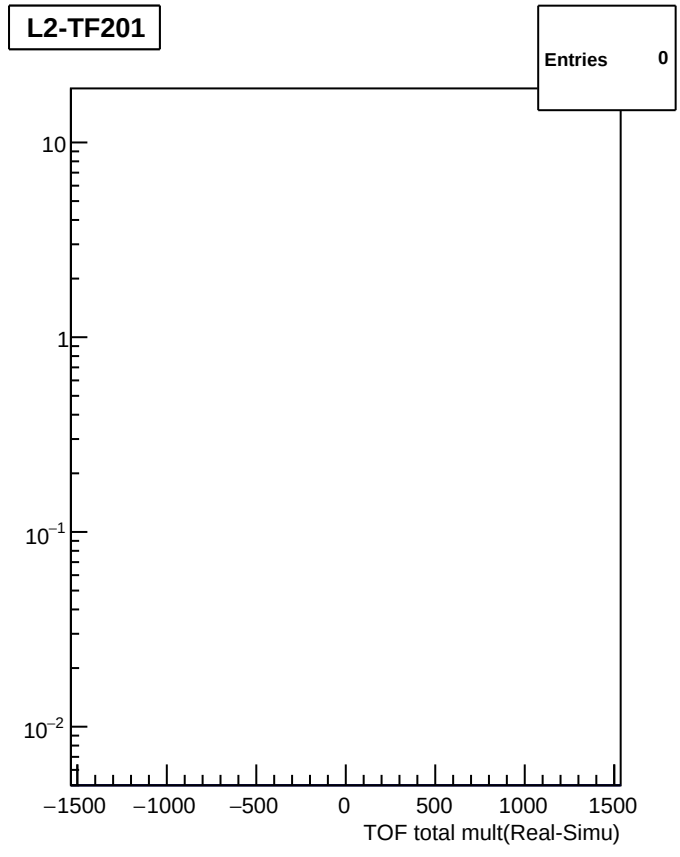

MIX-TF101
Entries 66594
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

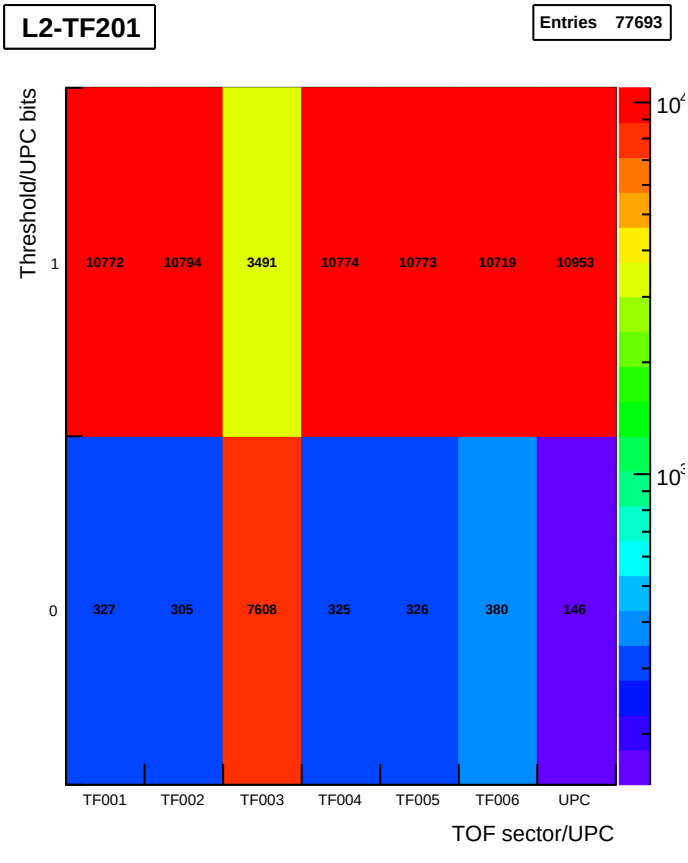

MIX-TF101
Entries 8809
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

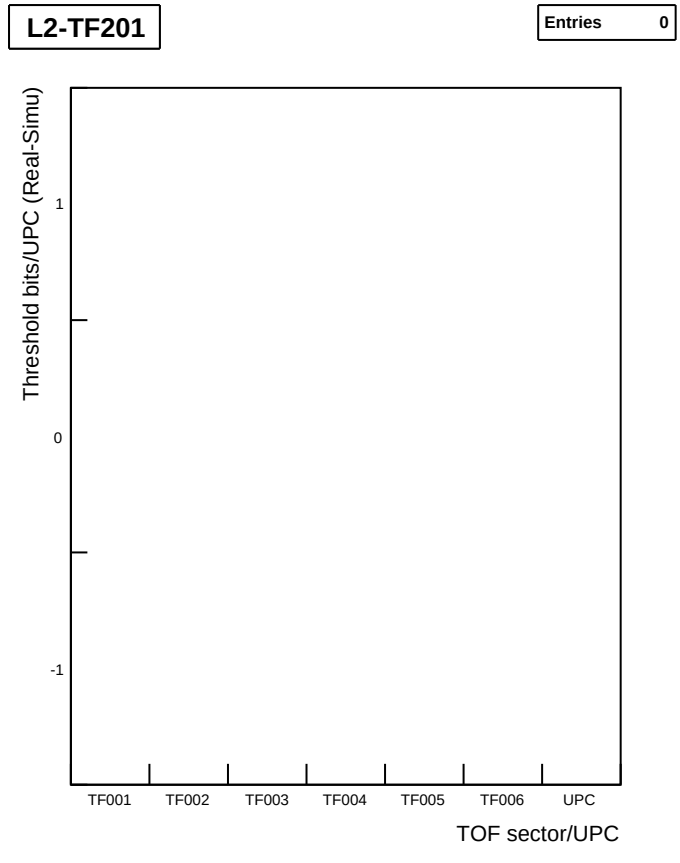

MIX-TF101
Entries 66594
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

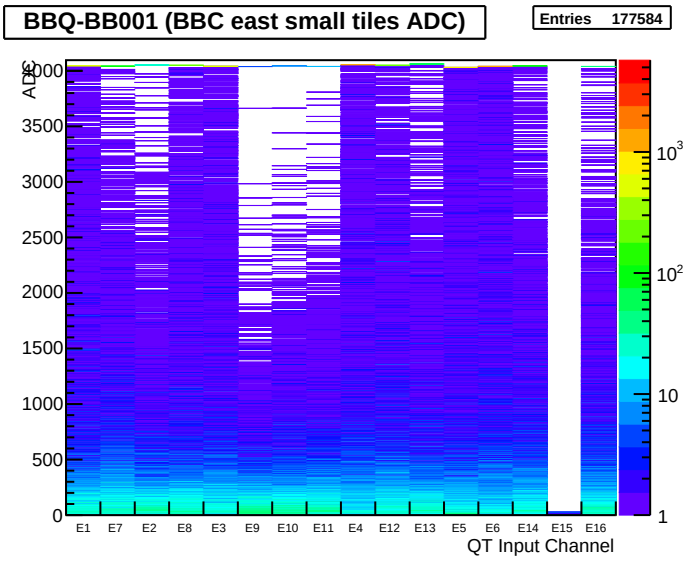

MIX-TF101
Entries 11937
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

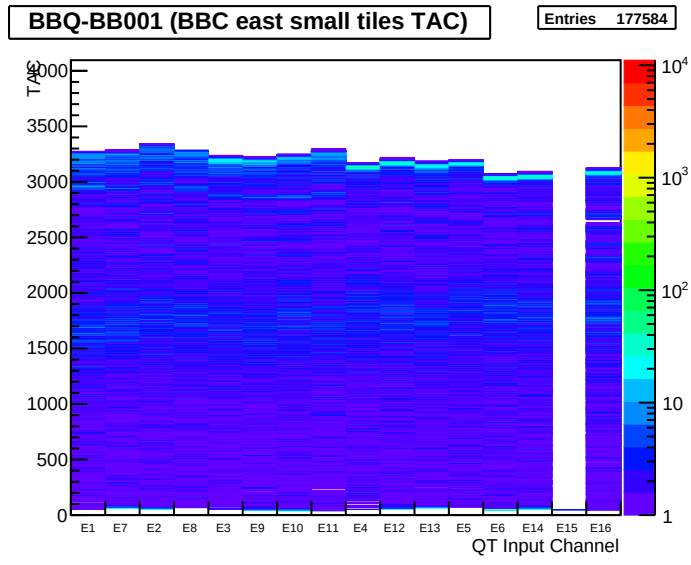

L2-TF201
Entries 11099
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

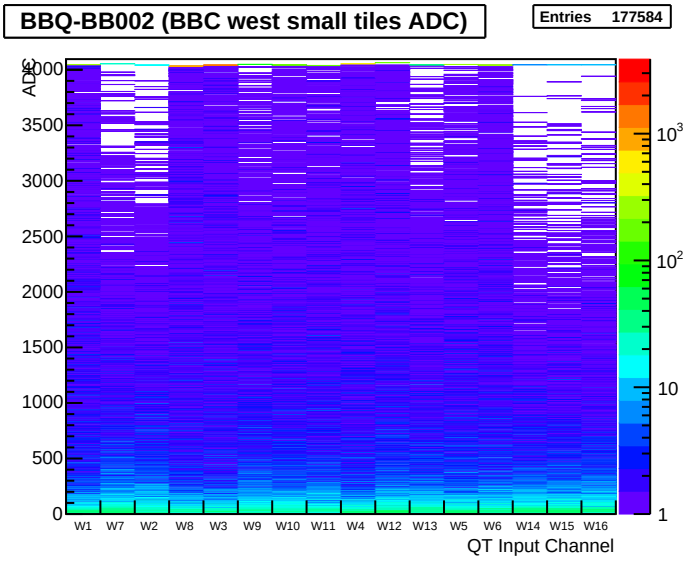

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

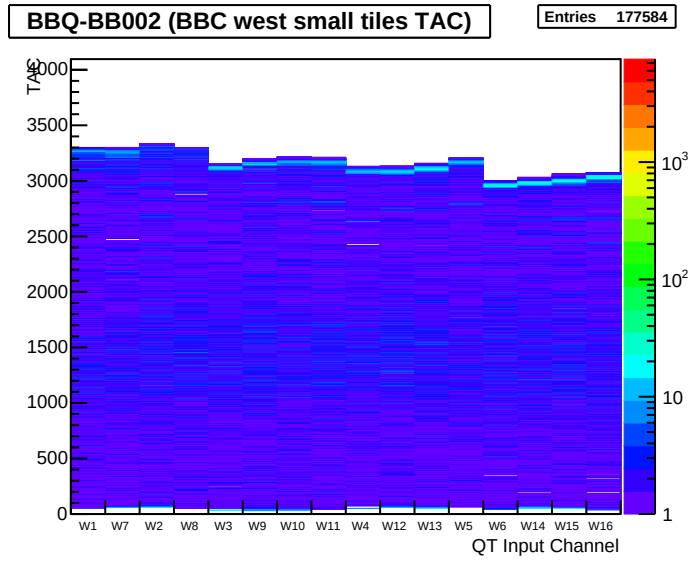

L2-TF201
Entries 77693
Threshold/UPC bits
1
0
10772
10794
3491
10774
10773
10719
10953
327
305
7608
325
326
380
146
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

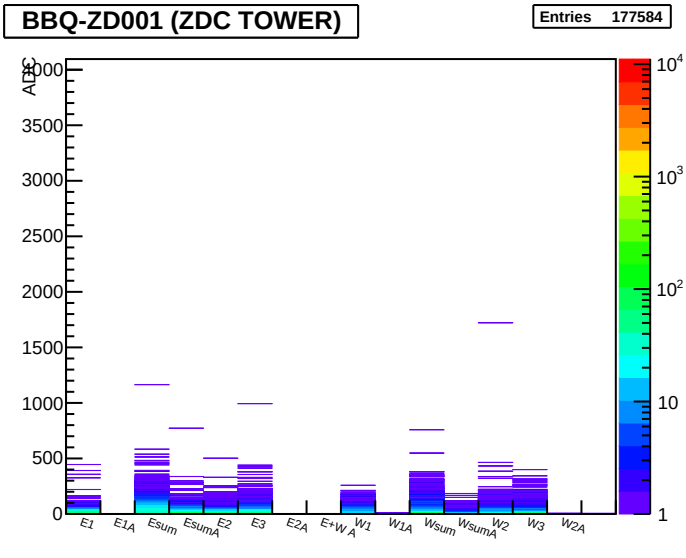

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

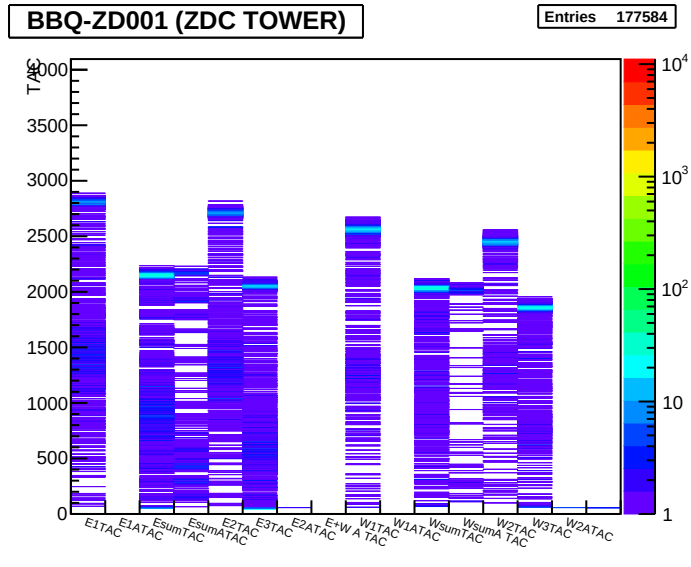

BBQ-BB001 (BBC east small tiles ADC)
Entries 177584
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

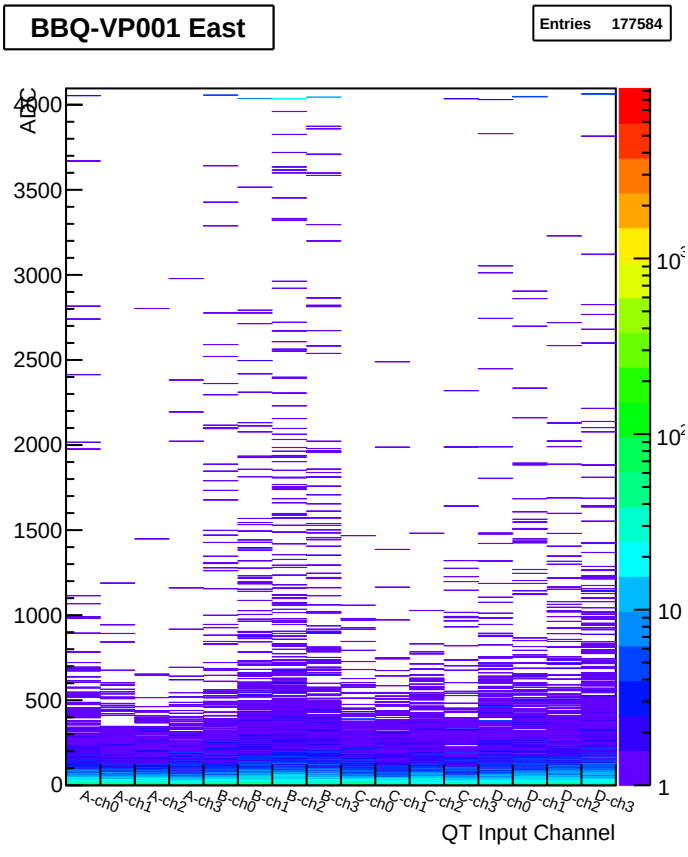

BBQ-BB001 (BBC east small tiles TAC)
Entries 177584
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

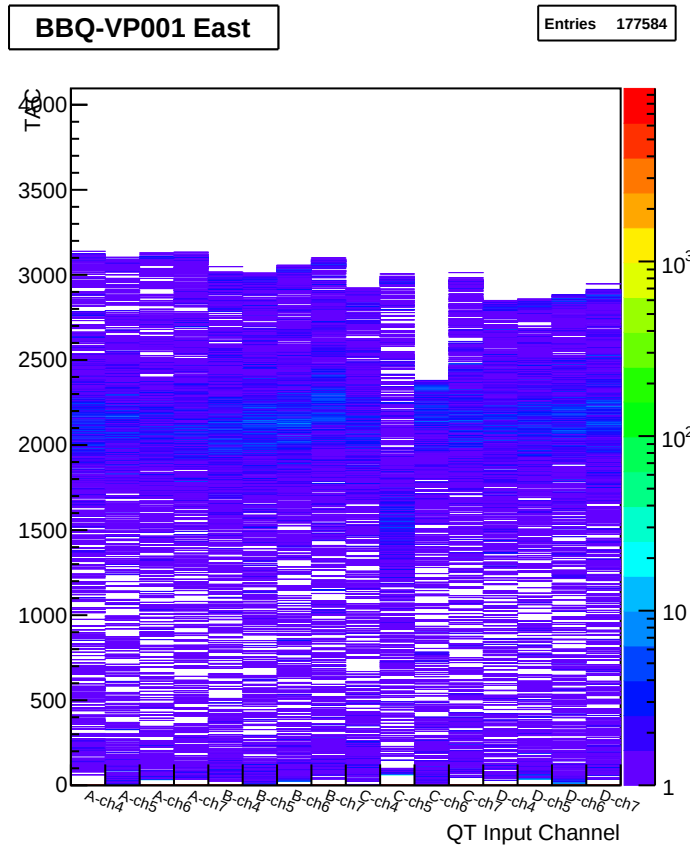

BBQ-BB002 (BBC west small tiles ADC)
Entries 177584
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

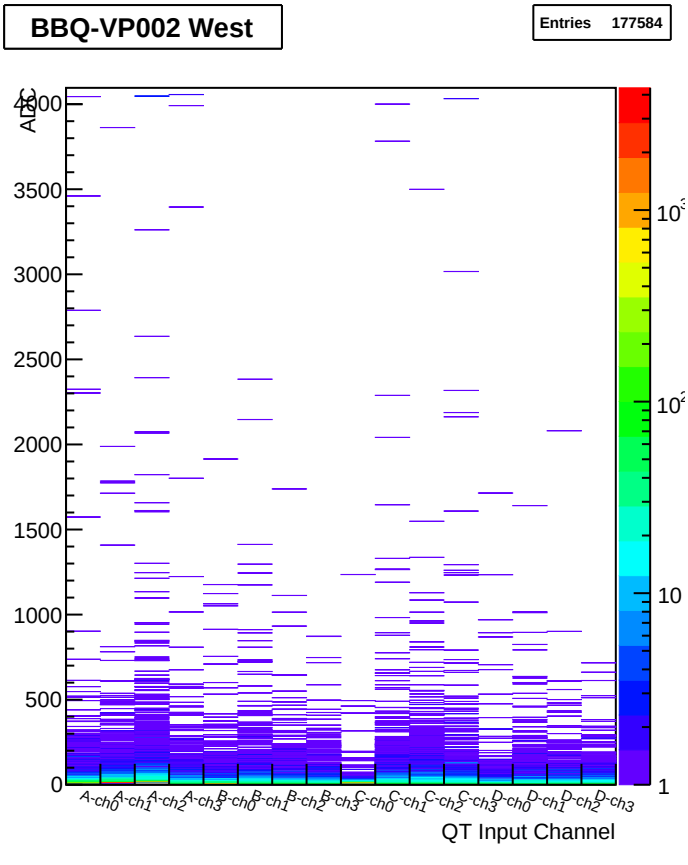

BBQ-BB002 (BBC west small tiles TAC)
Entries 177584
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

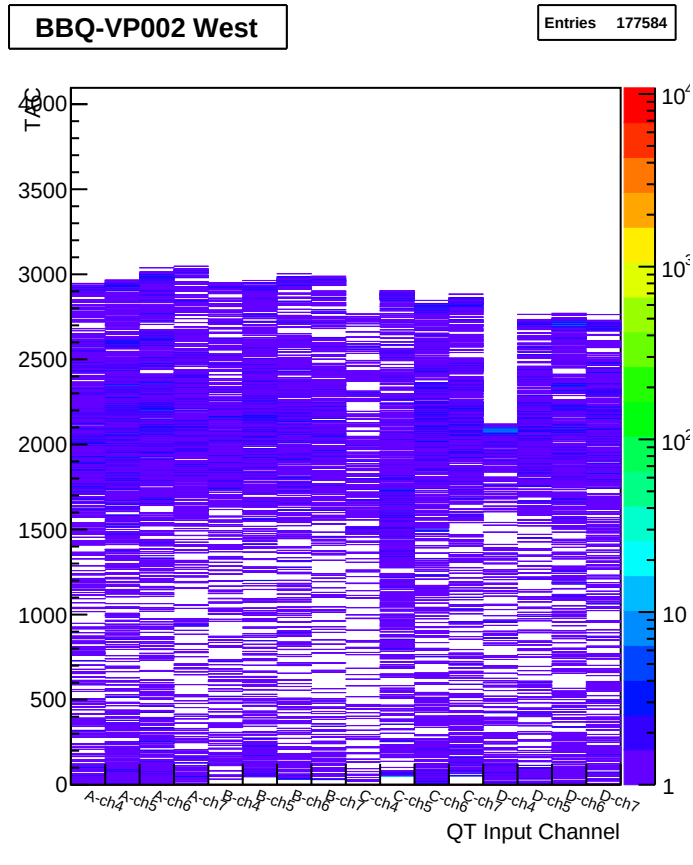

BBQ-ZD001 (ZDC TOWER)
Entries 177584
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

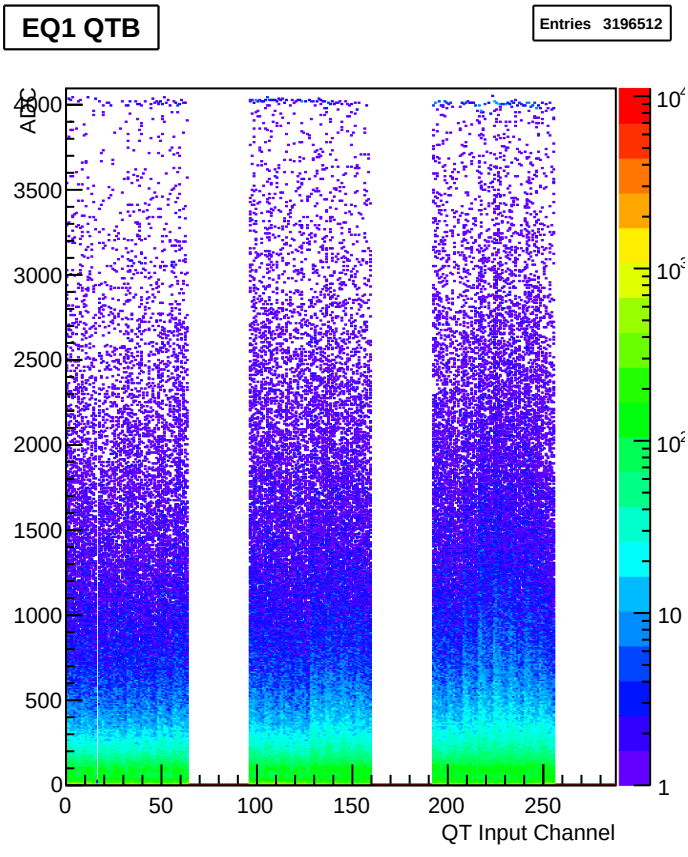

BBQ-ZD001 (ZDC TOWER)
Entries 177584
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

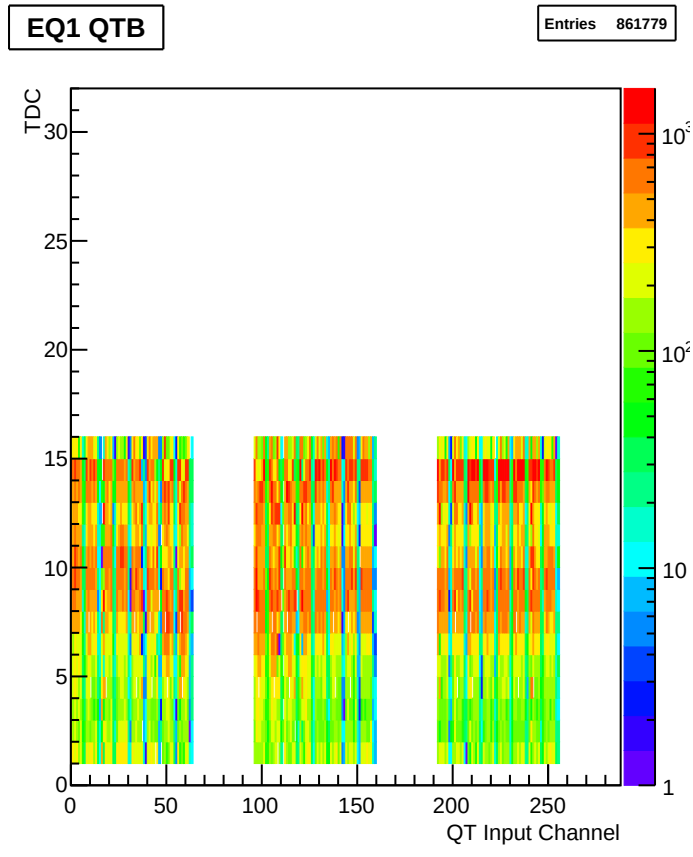

BBQ-VP001 East
Entries 177584
ADC
QT Input Channel

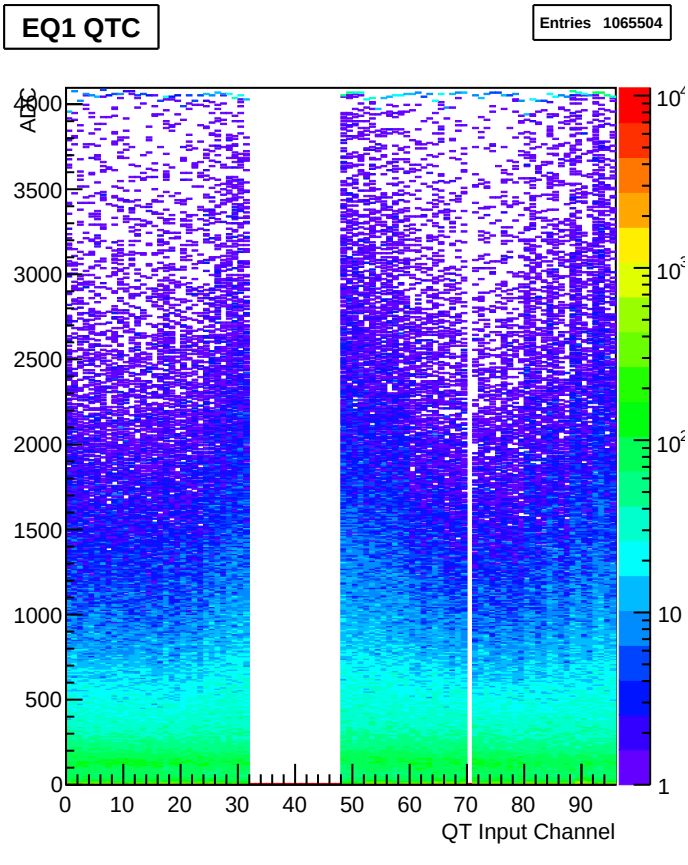

BBQ-VP001 East
Entries 177584
TAC
QT Input Channel

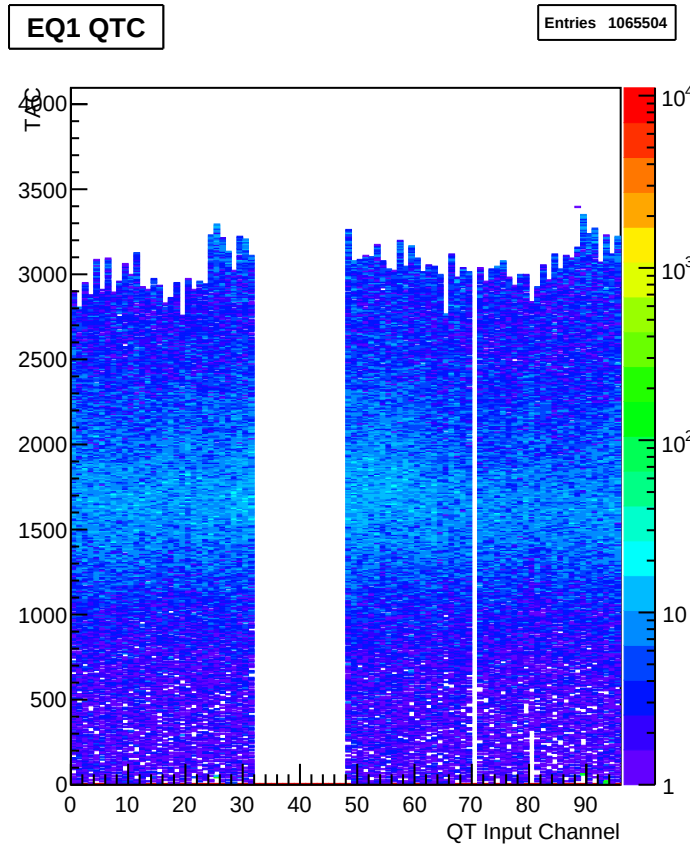

BBQ-VP002 West
Entries 177584
ADC
QT Input Channel

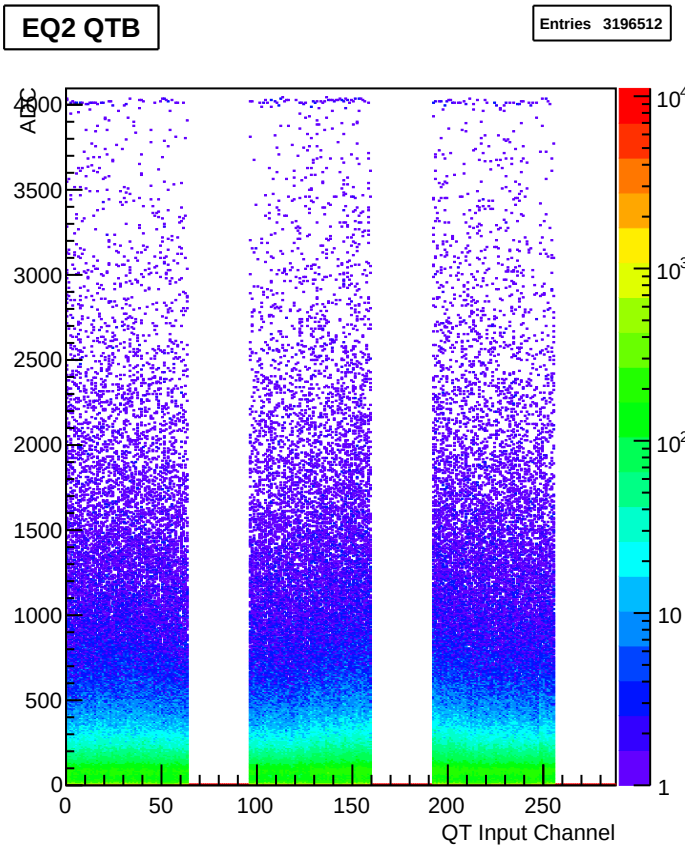

BBQ-VP002 West
Entries 177584
TAC
QT Input Channel

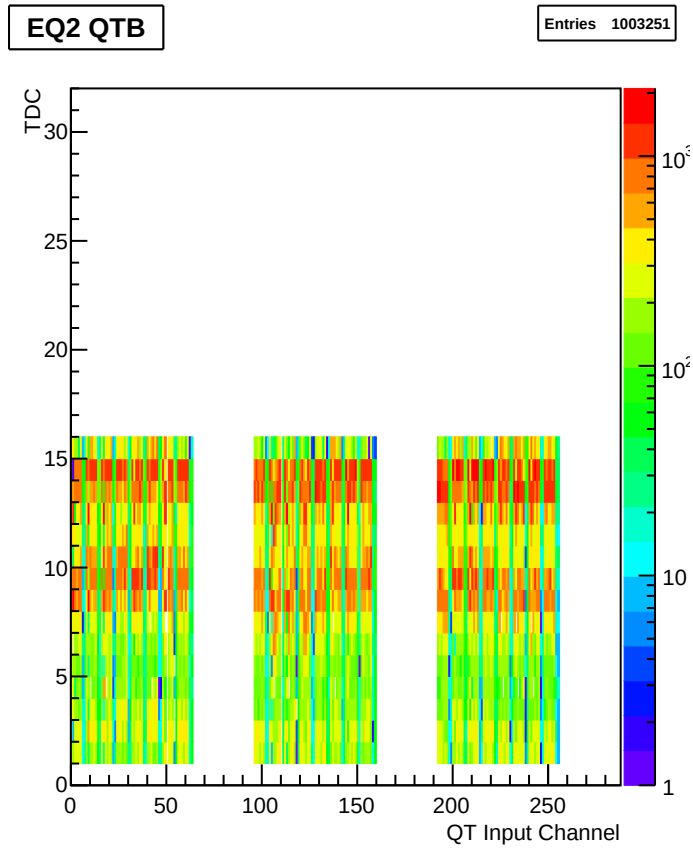

EQ1 QTB
Entries 3196512
ADC
QT Input Channel

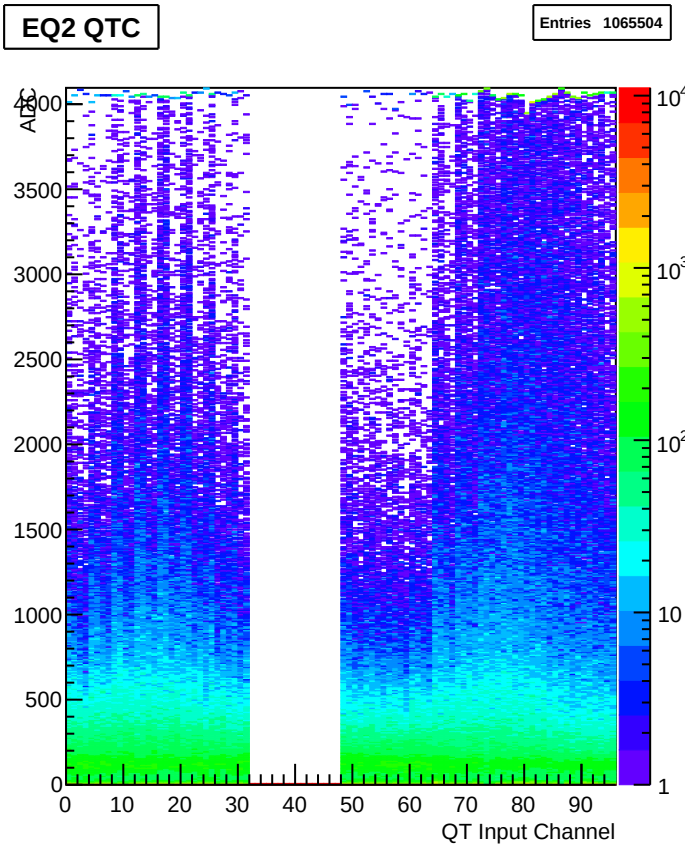

EQ1 QTB
Entries 861779
TDC
QT Input Channel

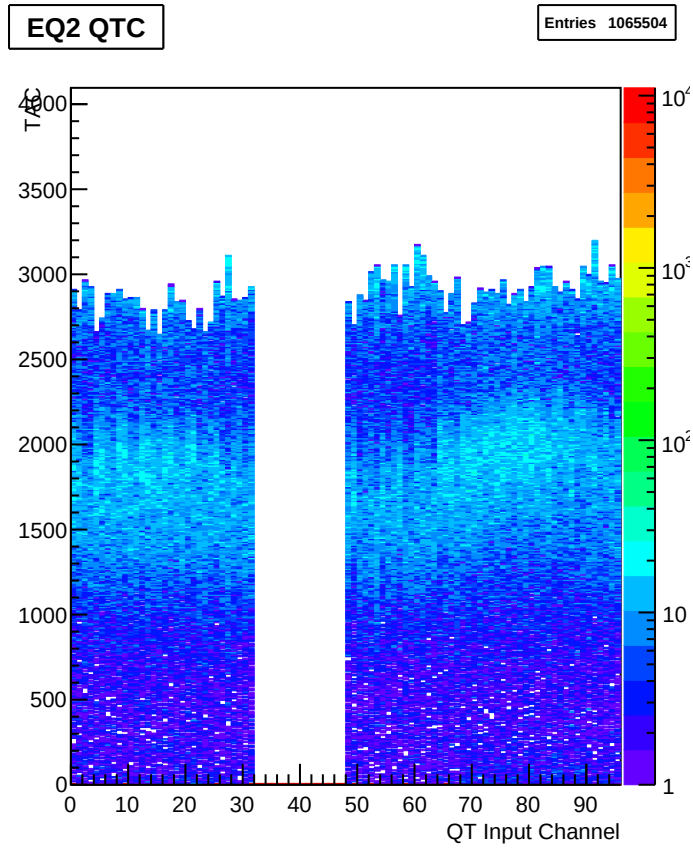

EQ1 QTC
Entries 1065504
ADC
QT Input Channel

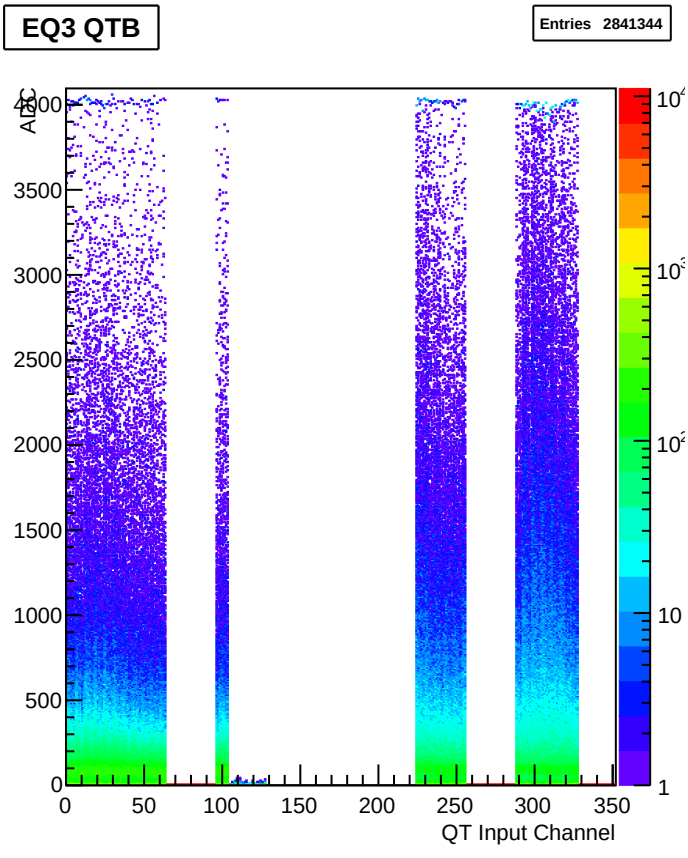

EQ1 QTC
Entries 1065504
TADC
QT Input Channel

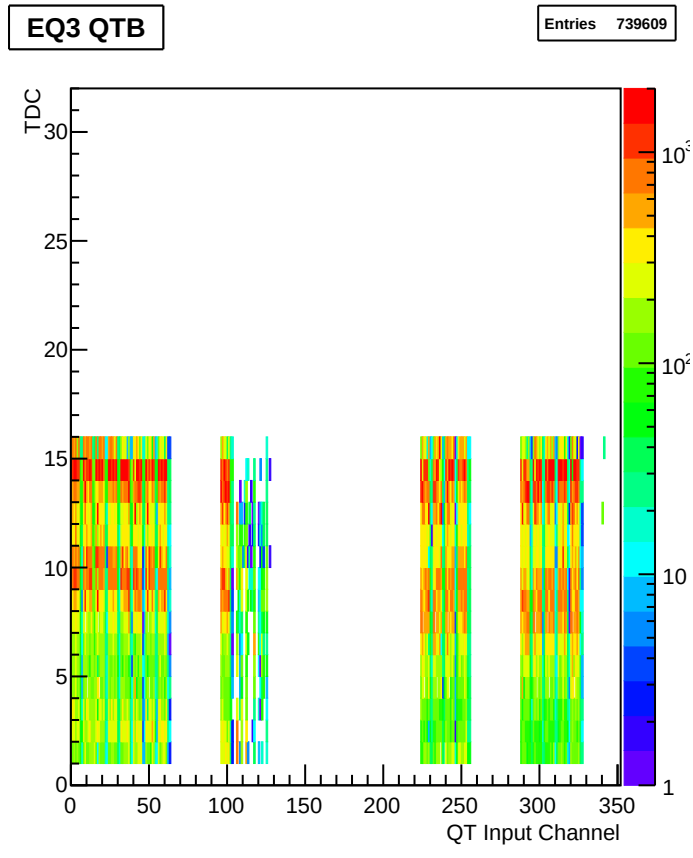

EQ2 QTB
Entries 3196512
ADC
QT Input Channel

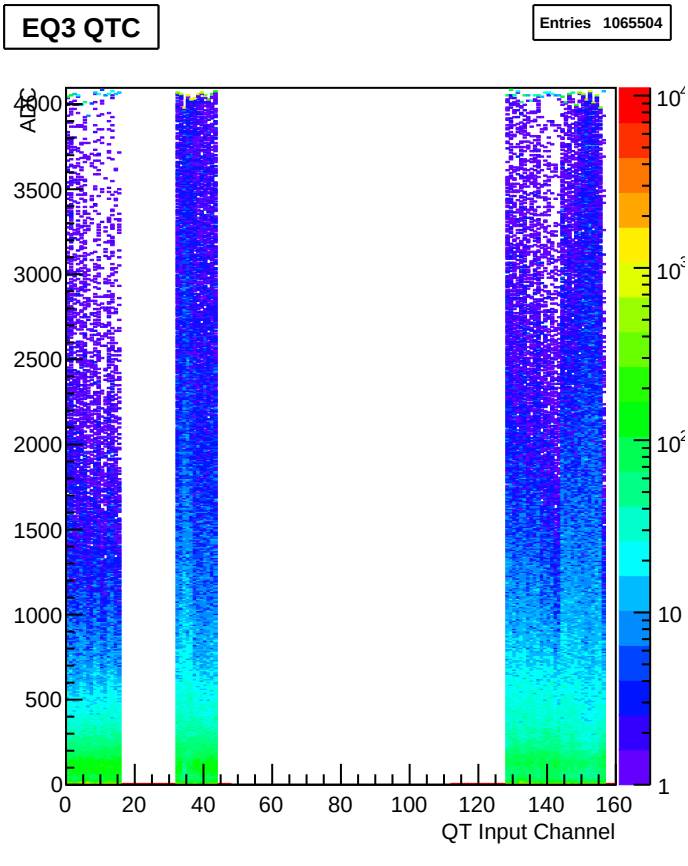

EQ2 QTB
Entries 1003251
TDC
QT Input Channel

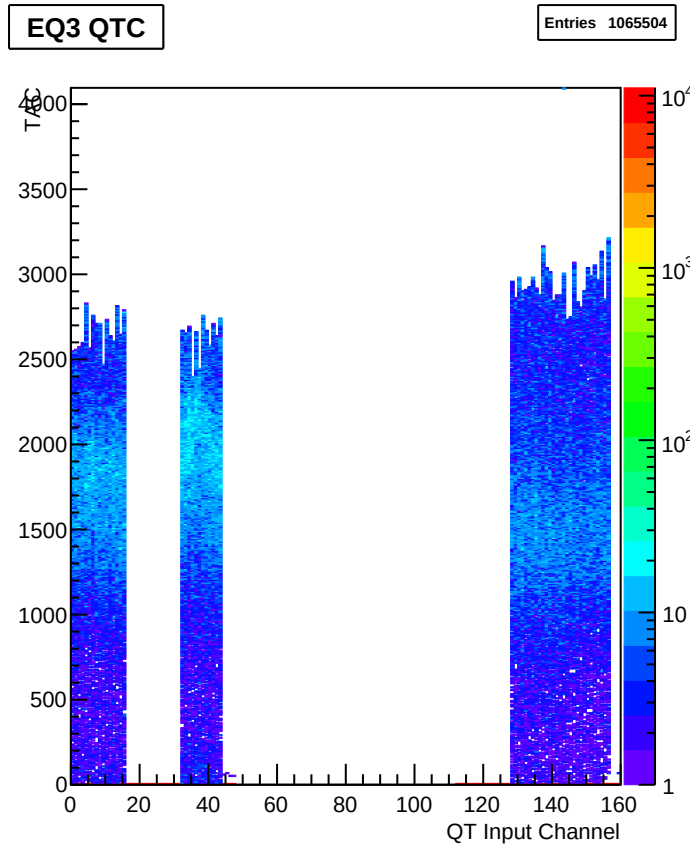

EQ2 QTC
Entries 1065504
ADC
QT Input Channel

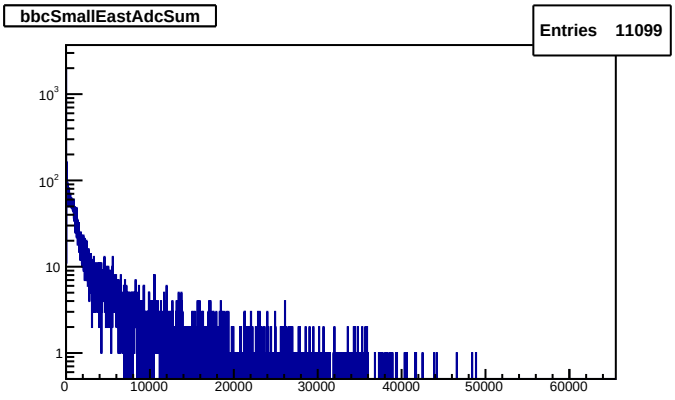

EQ2 QTC
Entries 1065504
TADC
QT Input Channel

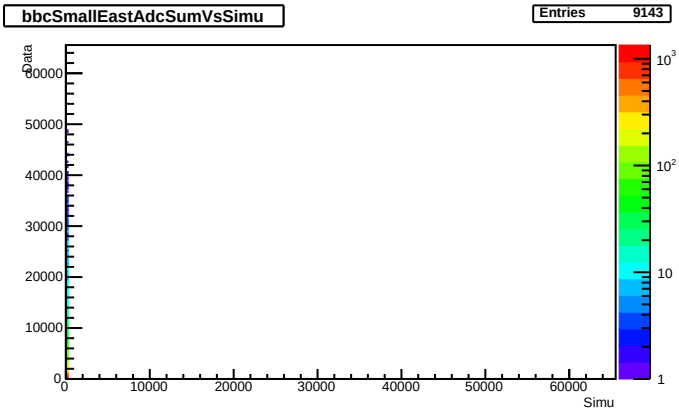

EQ3 QTB
Entries 2841344
ADC
QT Input Channel

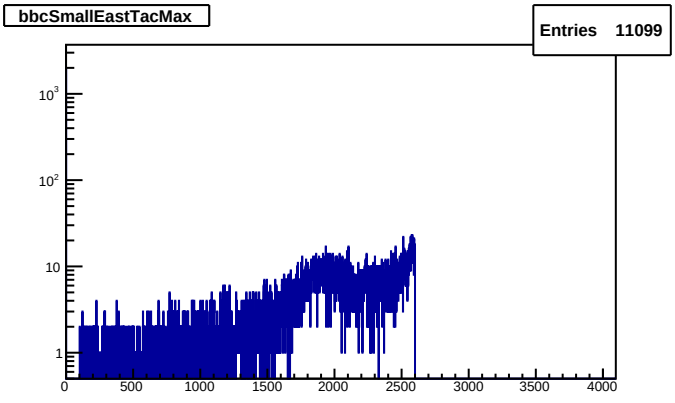

EQ3 QTB
Entries 739609
TDC
QT Input Channel

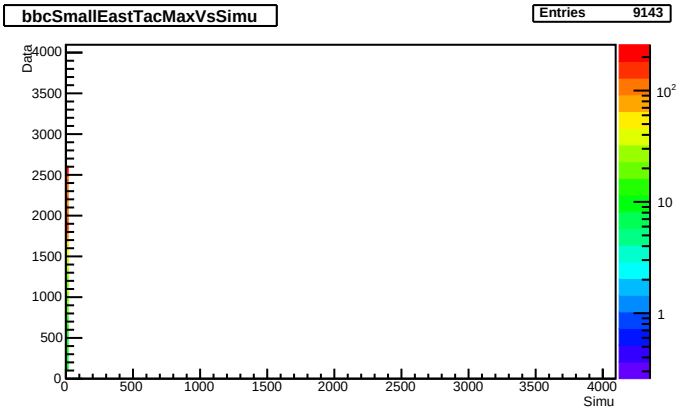

EQ3 QTC
Entries 1065504
ADC
QT Input Channel

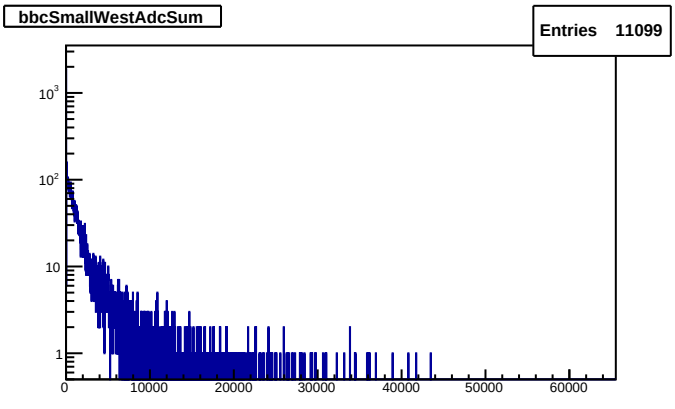

EQ3 QTC
Entries 1065504
TADC
QT Input Channel

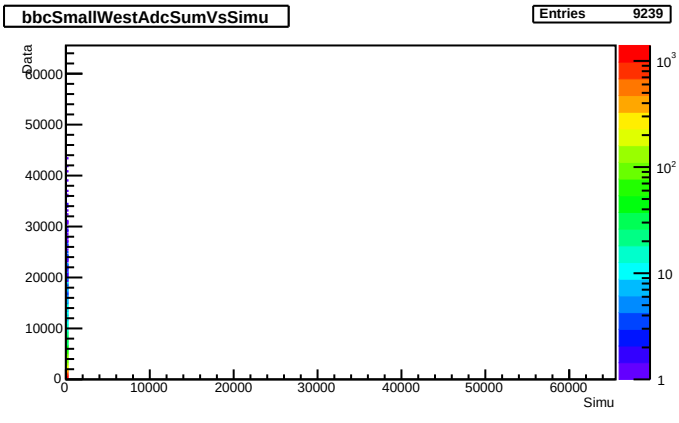

bbcSmallEastAdcSum
Entries 11099

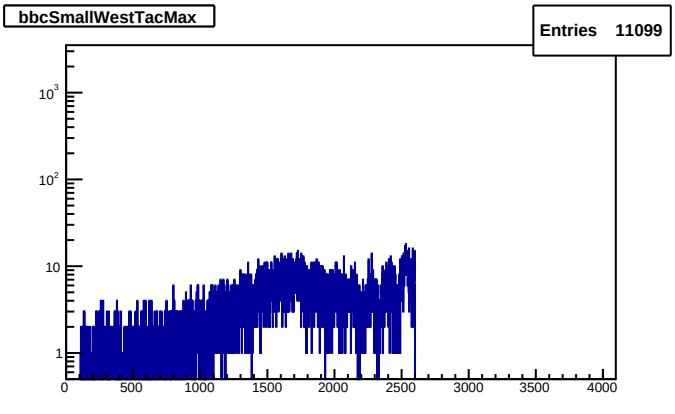

bbcSmallEastAdcSumVsSimu
Entries 9143
Data
Simu


bbcSmallEastTacMax
Entries 11099


bbcSmallEastTacMaxVsSimu
Entries 9143
Data
Simu


bbcSmallWestAdcSum
Entries 11099


bbcSmallWestAdcSumVsSimu
Entries 9239
Data
Simu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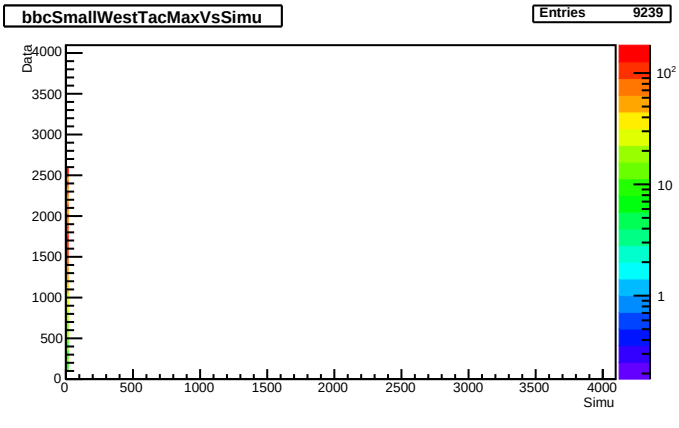
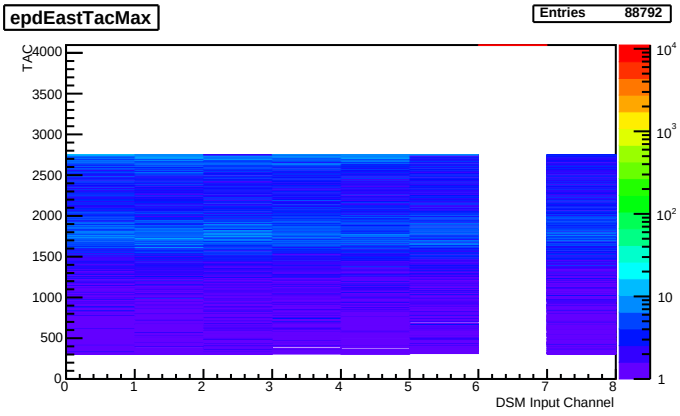
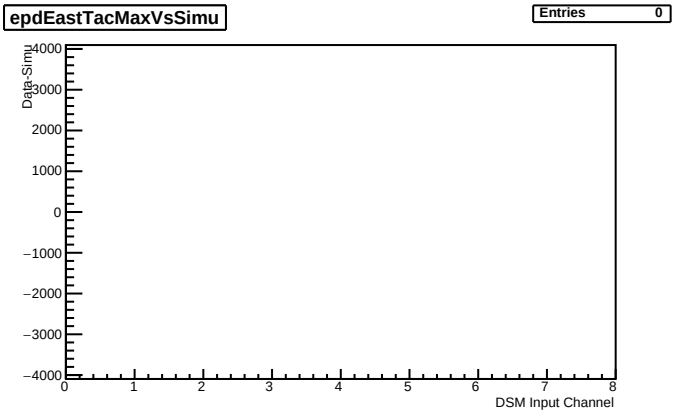
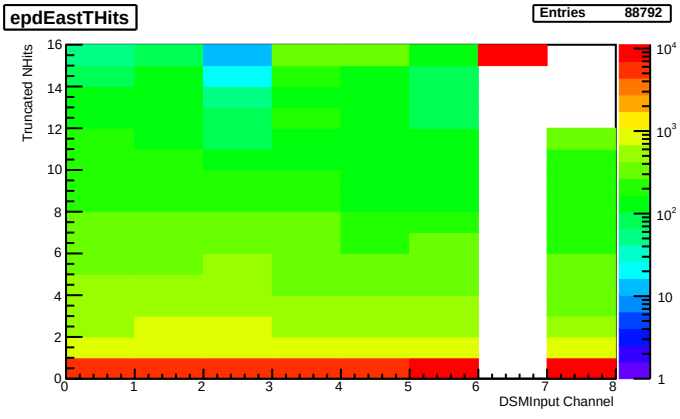
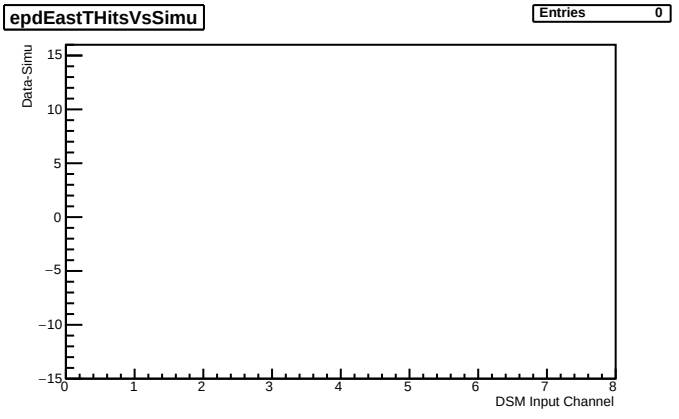
Entries 11099

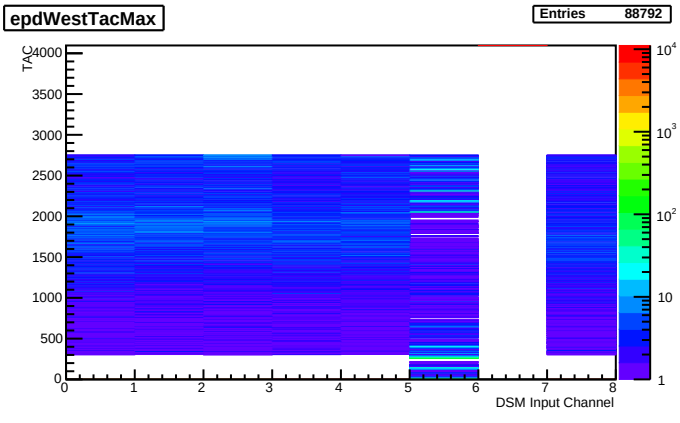

bbcSmallWestTacMaxVsSimu
Entries 9239
Data
Simu

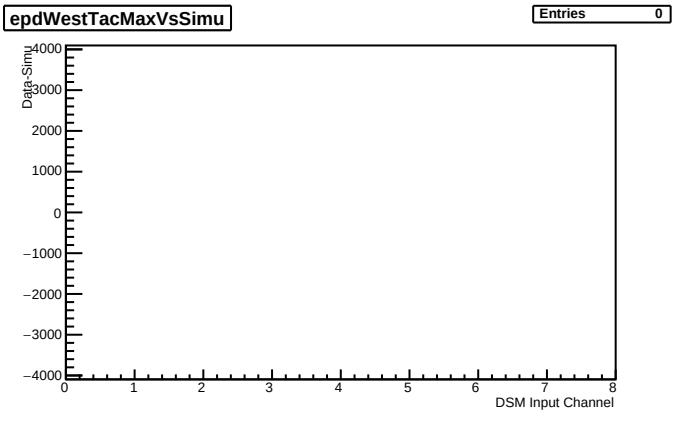

epdEastTacMax
Entries 88792
TAC
DSM Input Channel

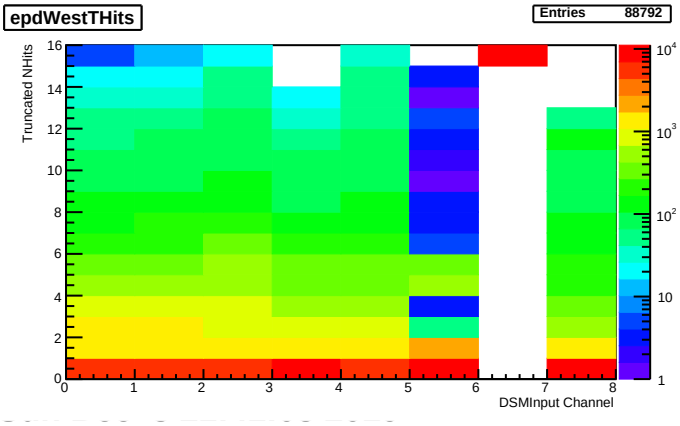

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

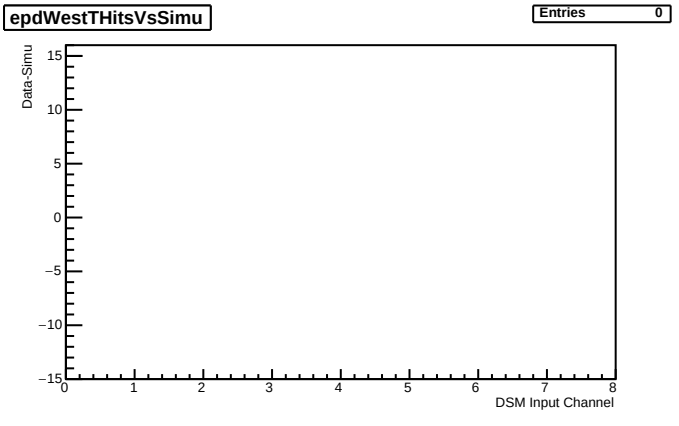

epdEastTHits
Entries 88792
Truncated NHits
DSMInput Channel

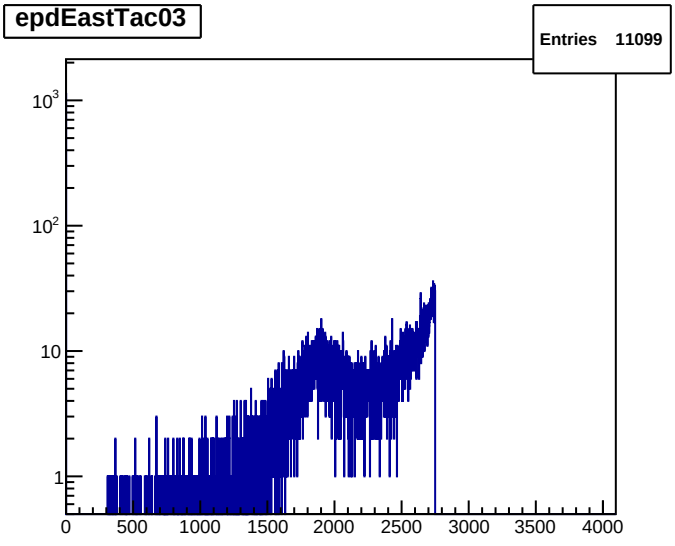

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

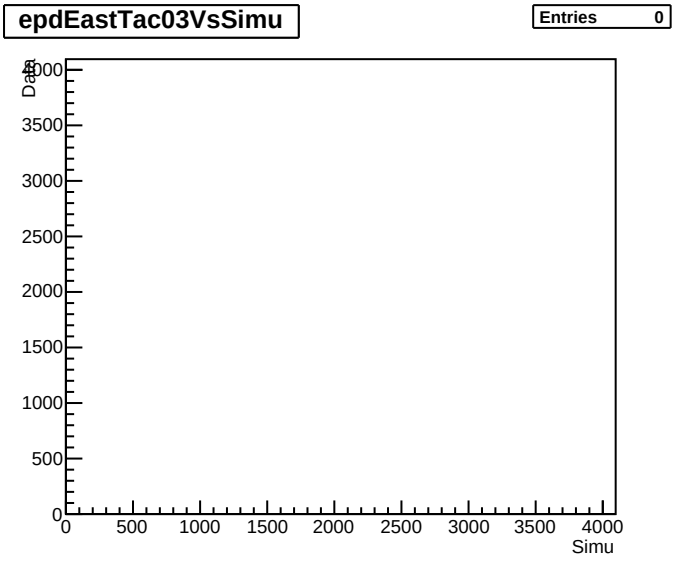

epdWestTacMax
Entries 88792
TAC
DSM Input Channel

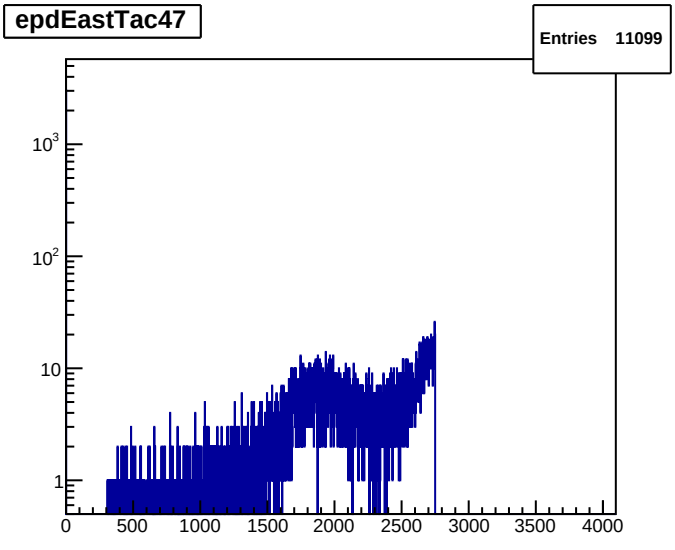

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

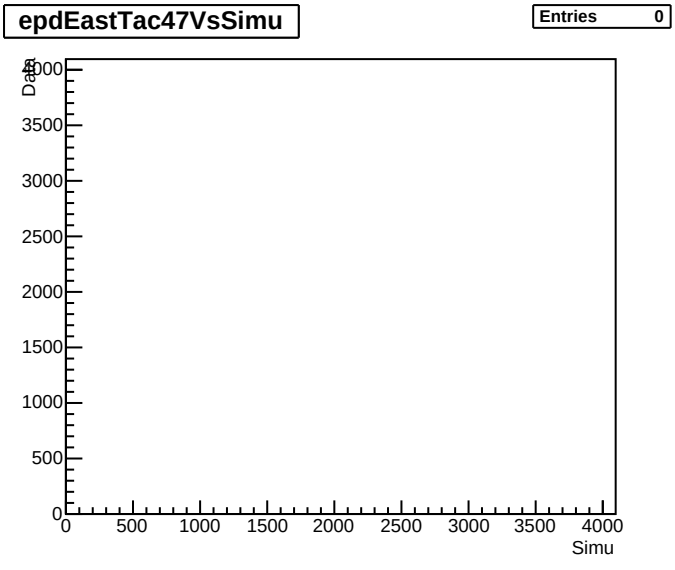

epdWestTHits
Entries 88792
Truncated NHits
DSMInput Channel

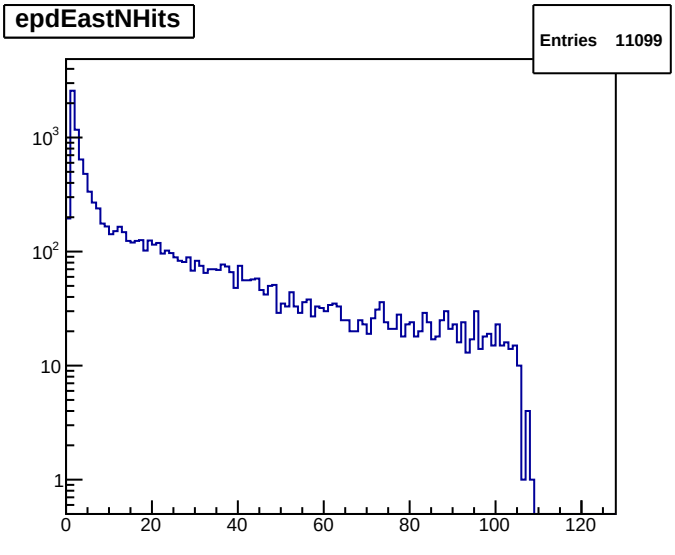

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

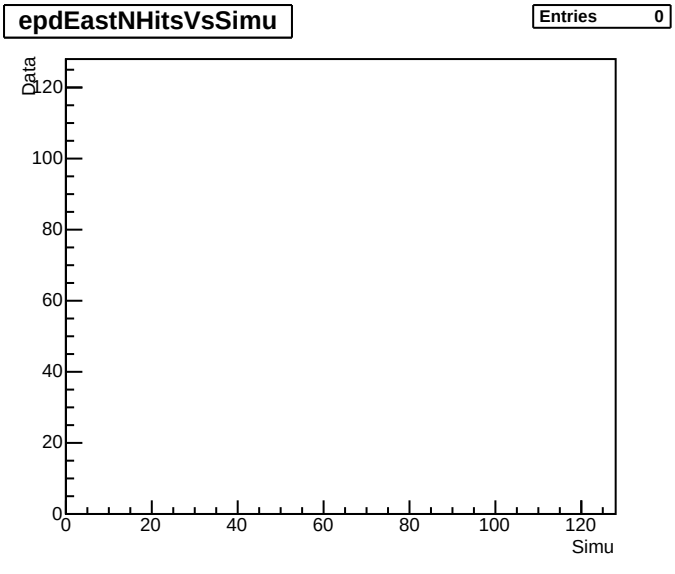

epdEastTac03
Entries 11099

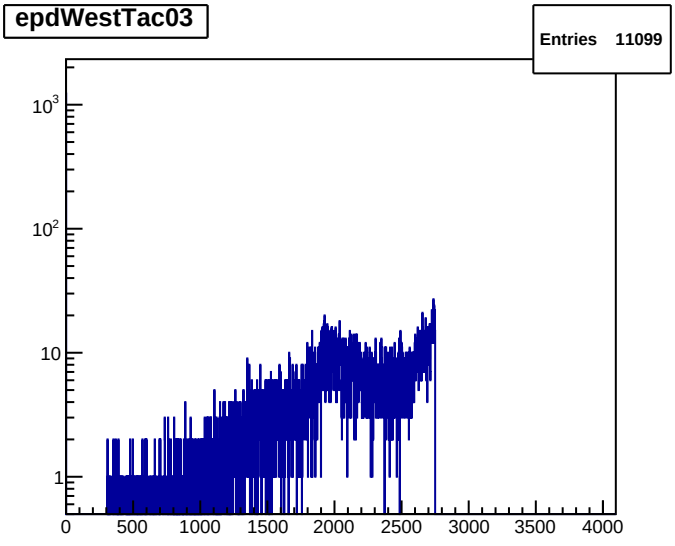

epdEastTac03VsSimu
Entries 0
Data
Simu

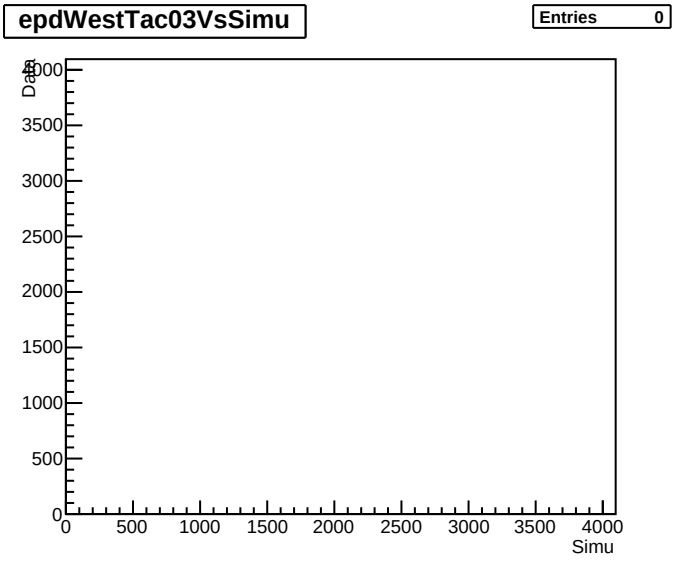

epdEastTac47
Entries 11099

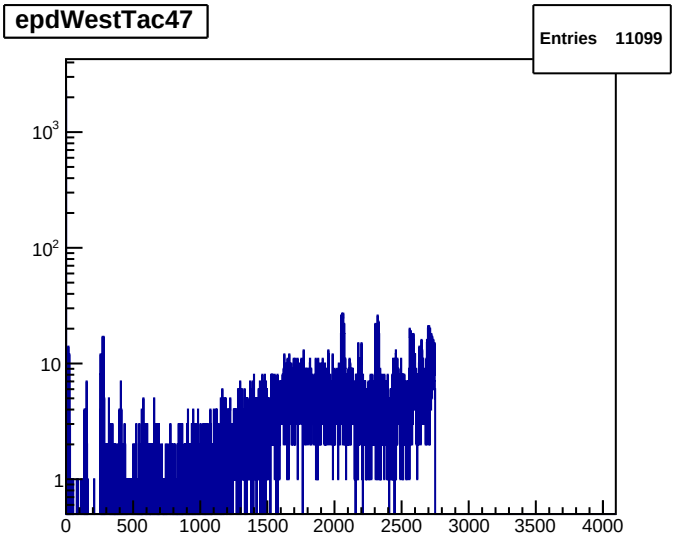

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 11099


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 11099


epdWestTac03VsSimu
Entries 0
Data
Simu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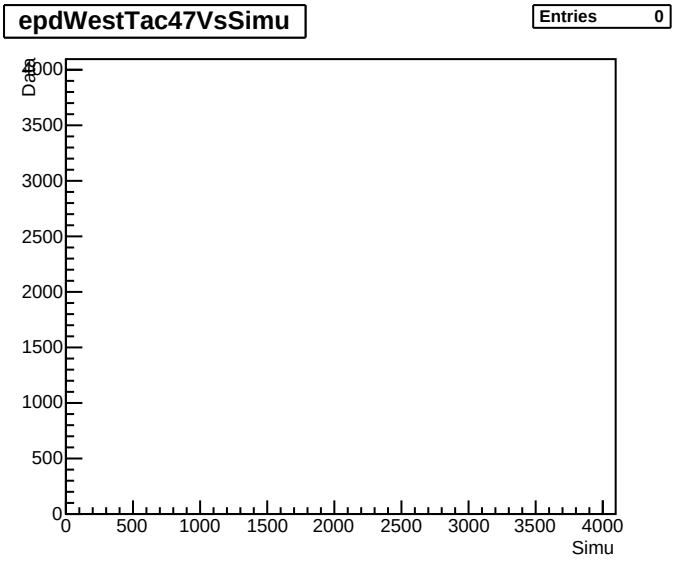
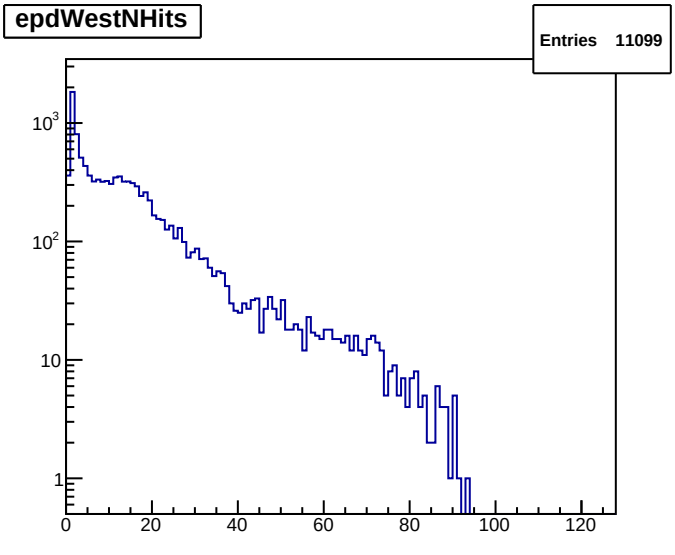
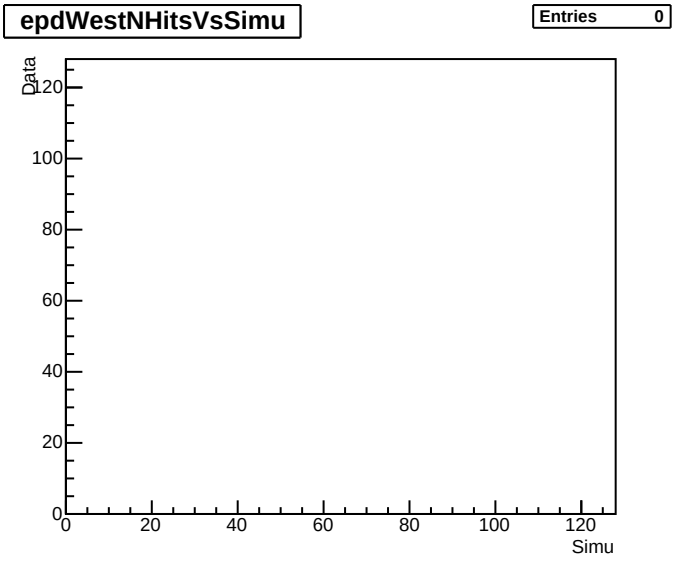
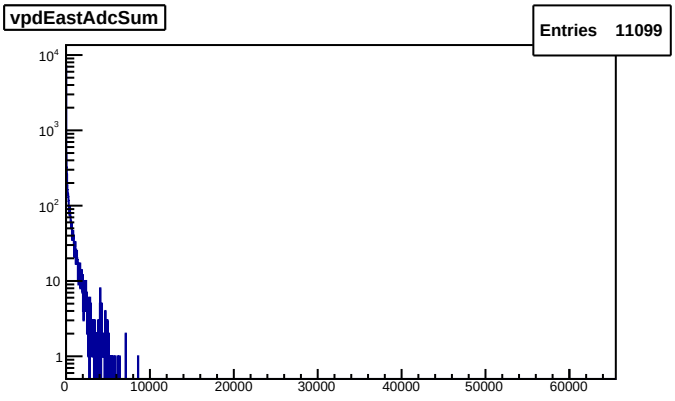
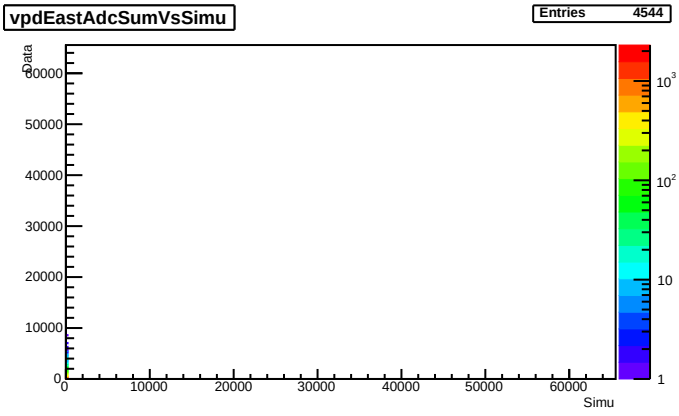
Entries 11099

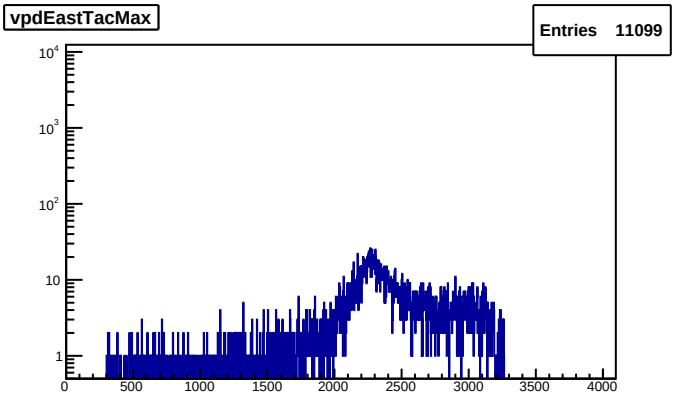

epdWestTac47VsSimu
Entries 0
Data
Simu

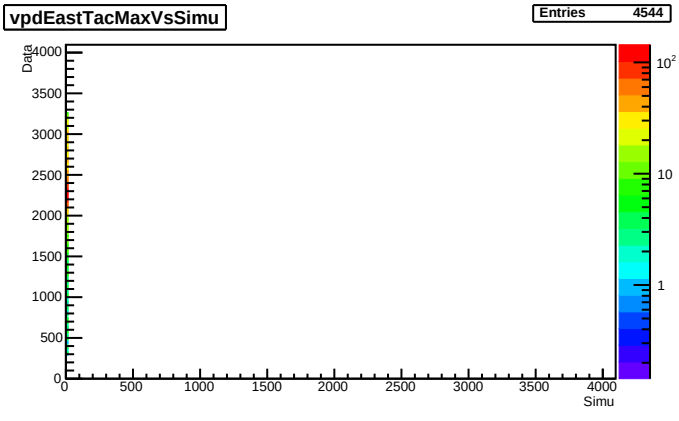

epdWestNHits
Entries 11099

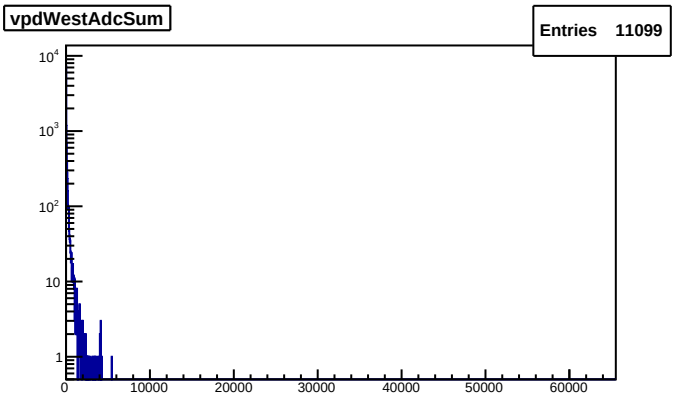

epdWestNHitsVsSimu
Entries 0
Data
Simu

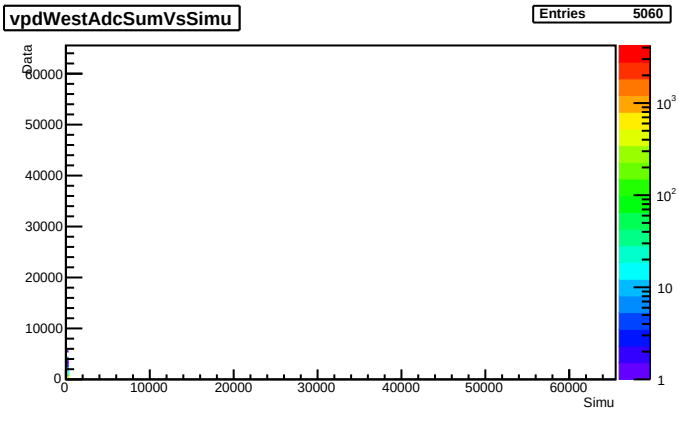

vpdEastAdcSum
Entries 11099

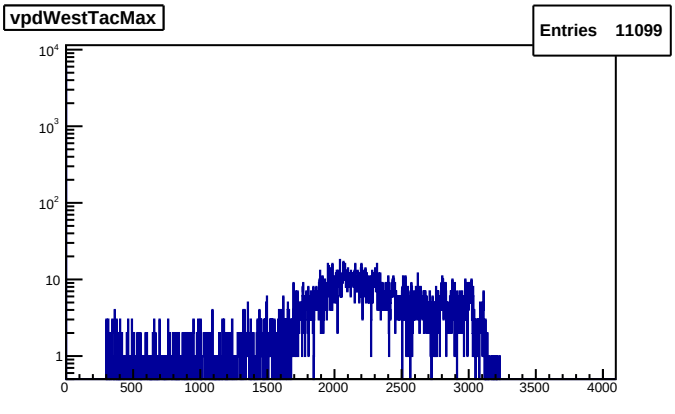

vpdEastAdcSumVsSimu
Entries 4544
Data
Simu

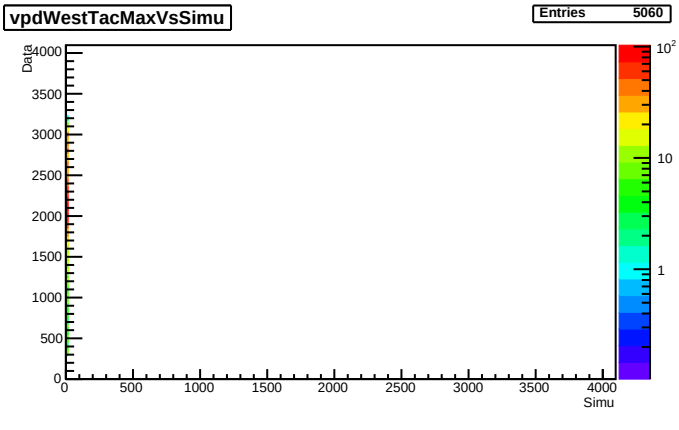

vpdEastTacMax
Entries 11099

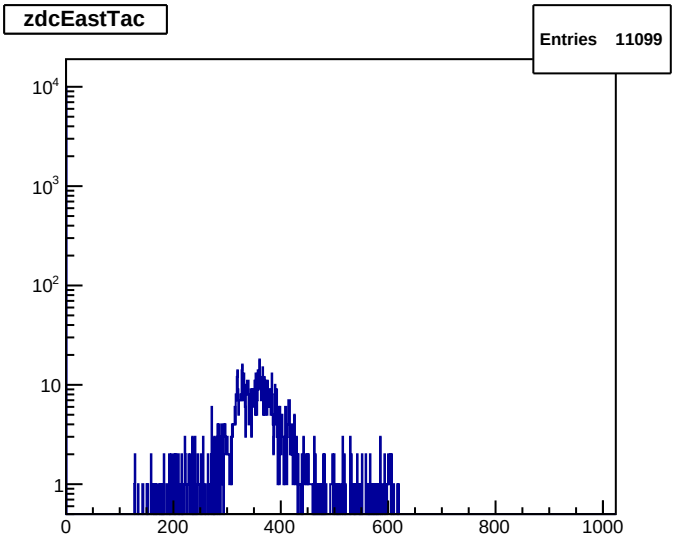

vpdEastTacMaxVsSimu
Entries 4544
Data
Simu

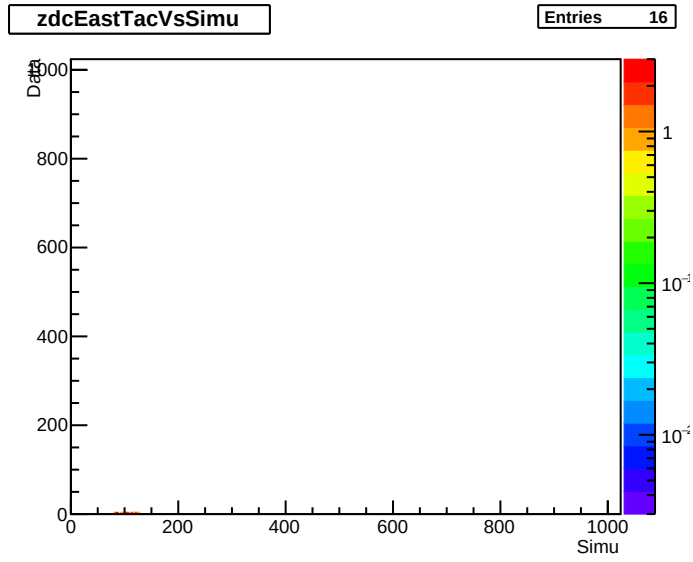

vpdWestAdcSum
Entries 11099

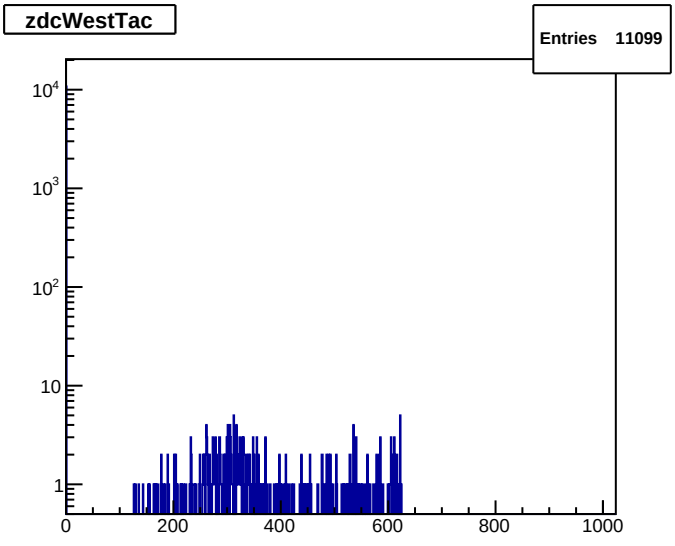

vpdWestAdcSumVsSimu
Entries 5060
Data
Simu

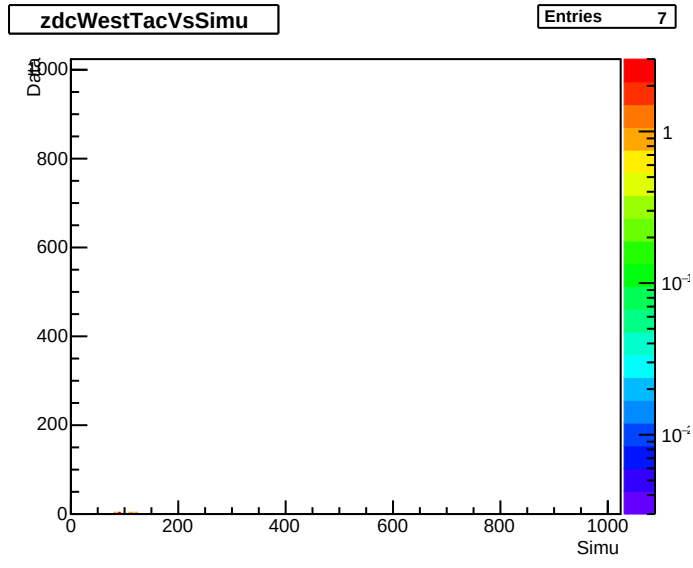

vpdWestTacMax
Entries 11099

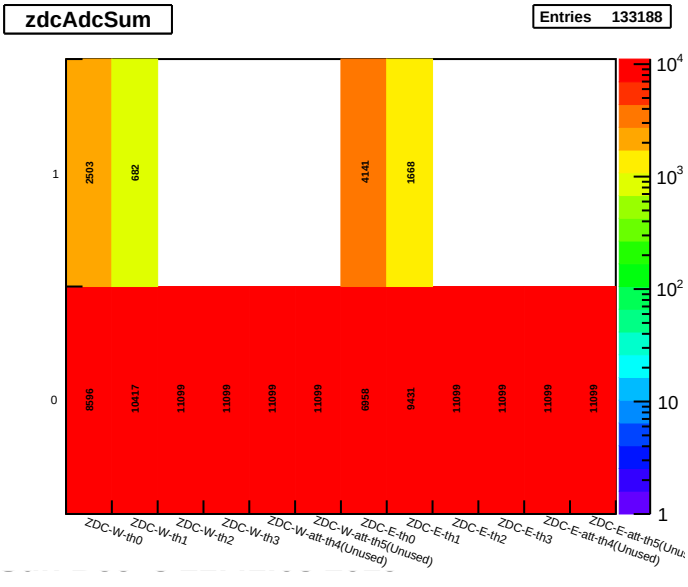

vpdWestTacMaxVsSimu
Entries 5060
Data
Simu

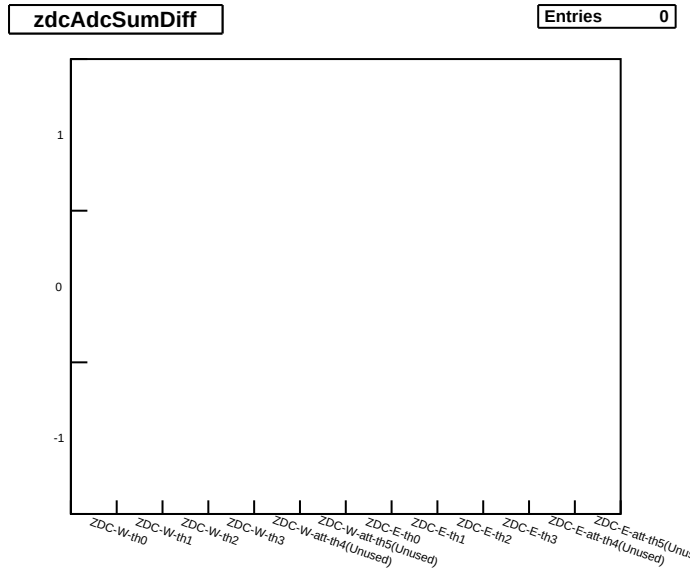

zdcEastTac
Entries 11099

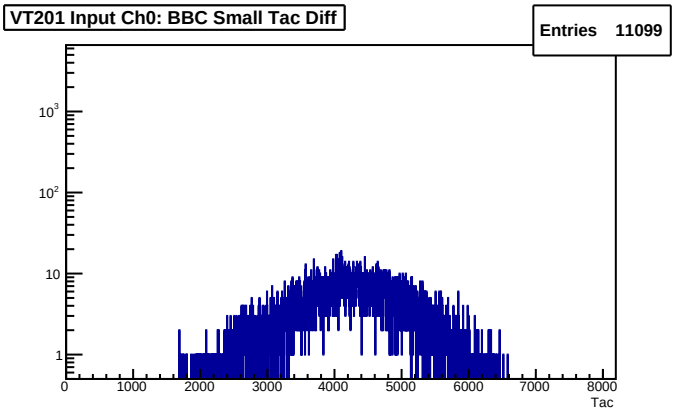

zdcEastTacVsSimu
Entries 16
Data
Simu

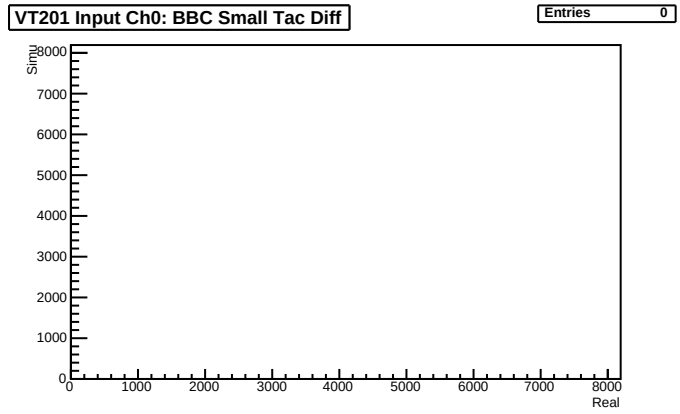

zdcWestTac
Entries 11099

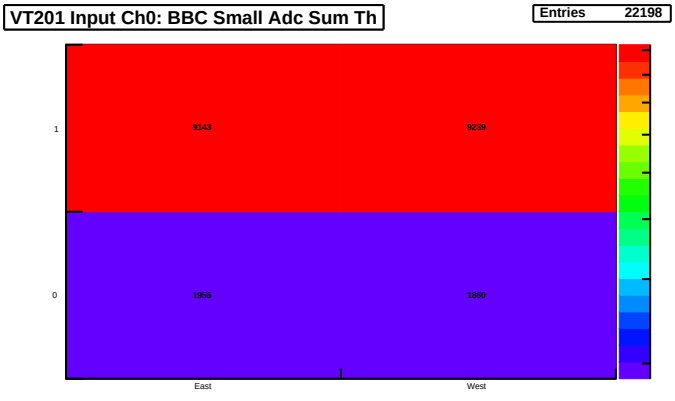

zdcWestTacVsSimu
Entries 7
Data
Simu

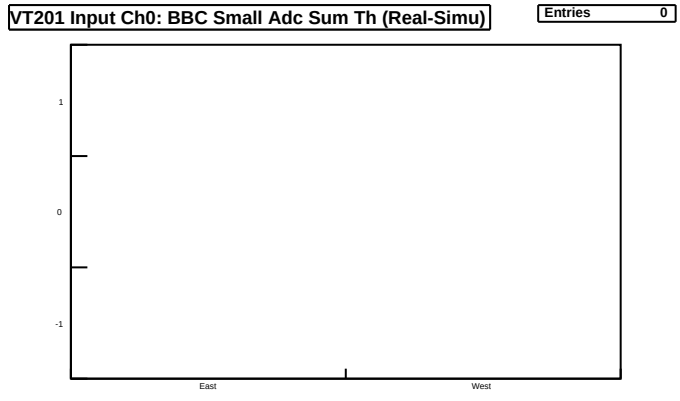

zdcAdcSum
Entries 133188
2503
682
4141
1668
8596
10417
11099
6958
9431
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

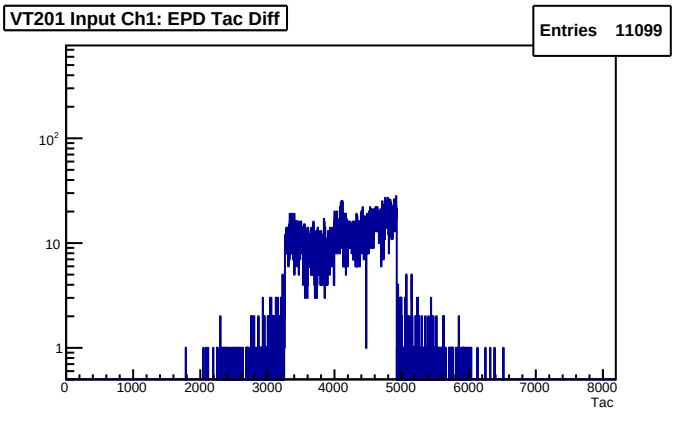

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

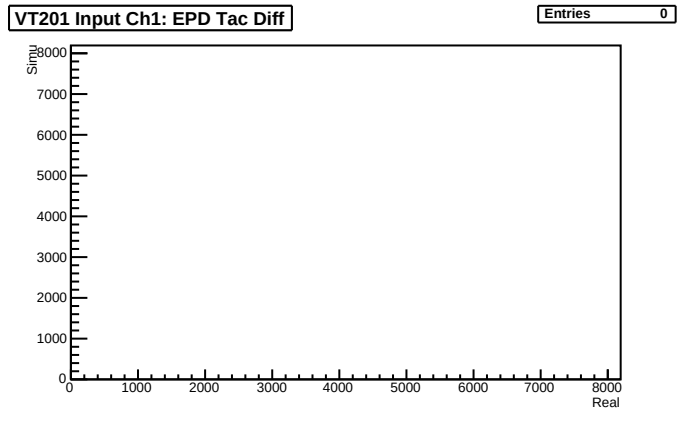

VT201 Input Ch0: BBC Small Tac Diff
Entries 11099
Tac

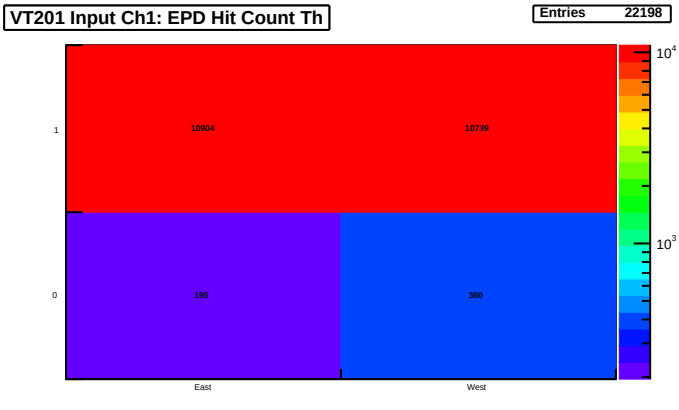

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

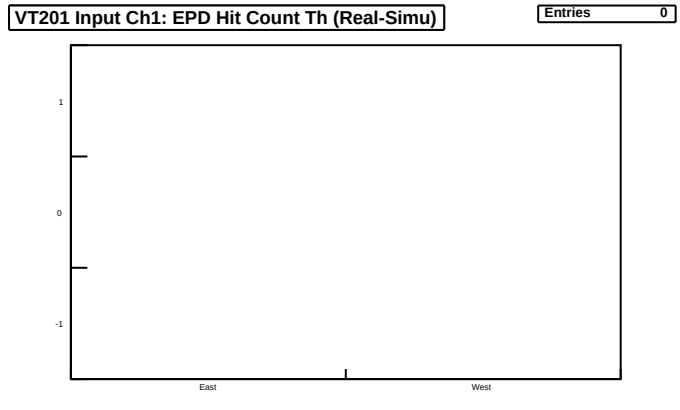

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 22198
9143
9239
1956
1860
East
West

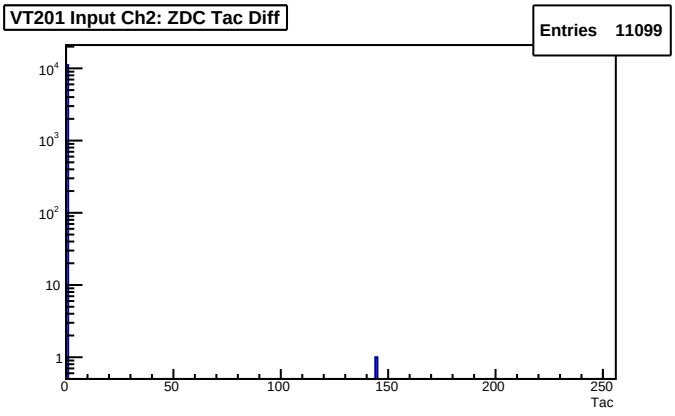

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

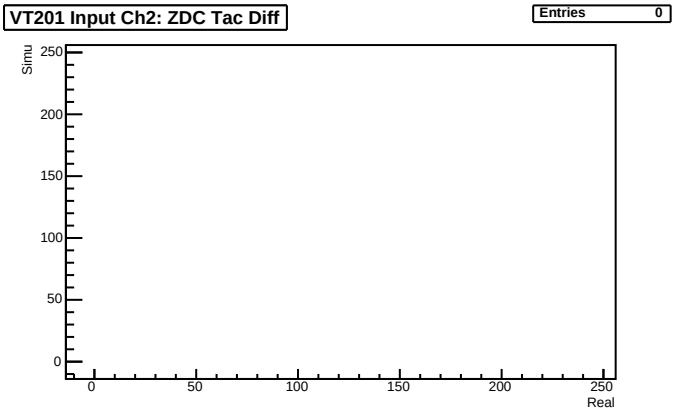

VT201 Input Ch1: EPD Tac Diff
Entries 11099
Tac

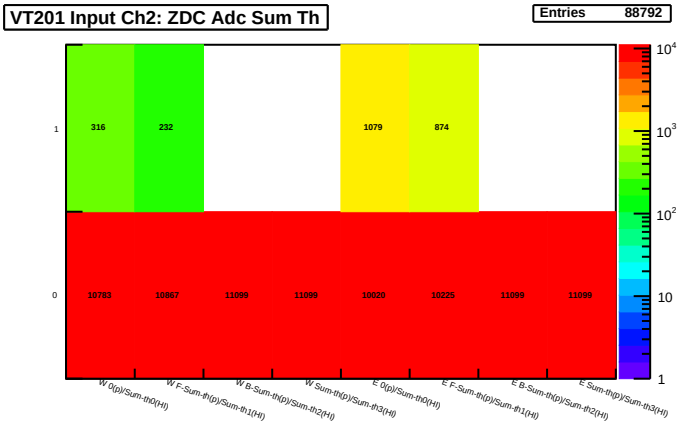

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

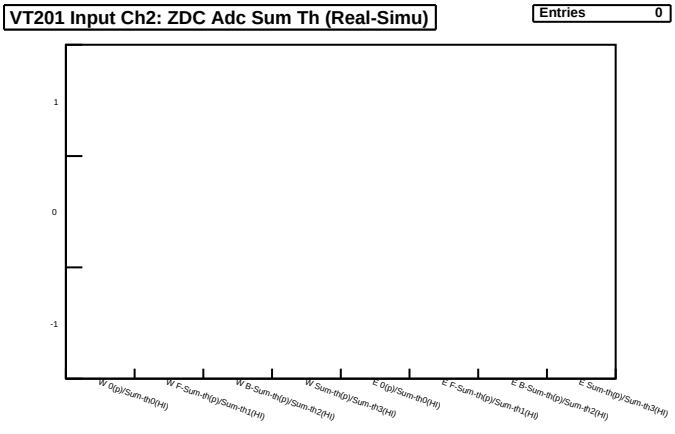

VT201 Input Ch1: EPD Hit Count Th
Entries 22198
10904
10739
195
360
East
West

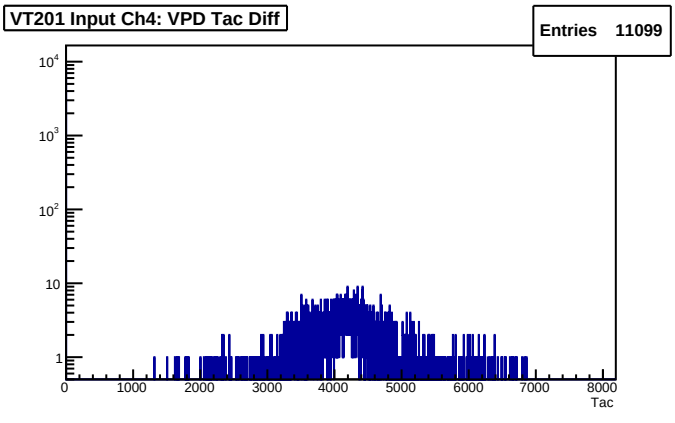

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

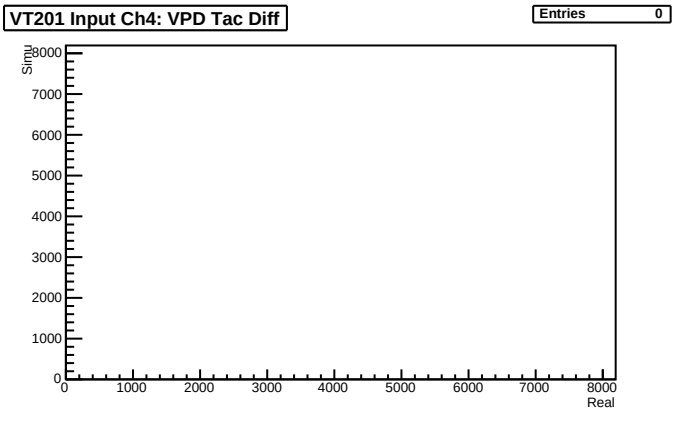

VT201 Input Ch2: ZDC Tac Diff
Entries 11099
Tac

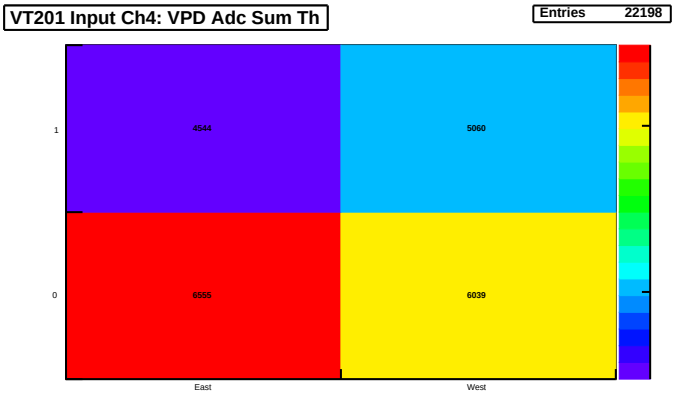

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

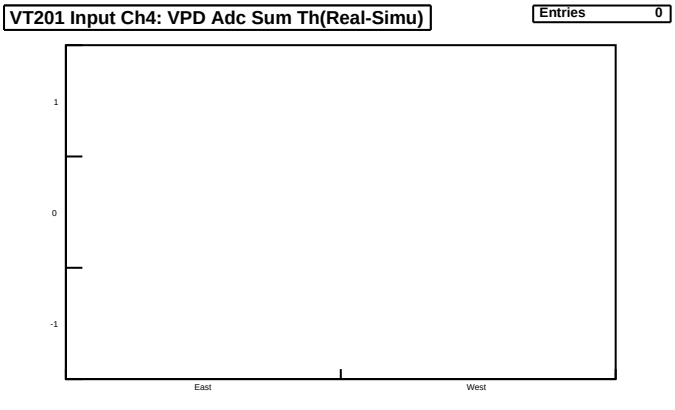

VT201 Input Ch2: ZDC Adc Sum Th
Entries 88792
316
232
1079
874
10783
10867
11099
11099
10020
10225
11099
11099
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

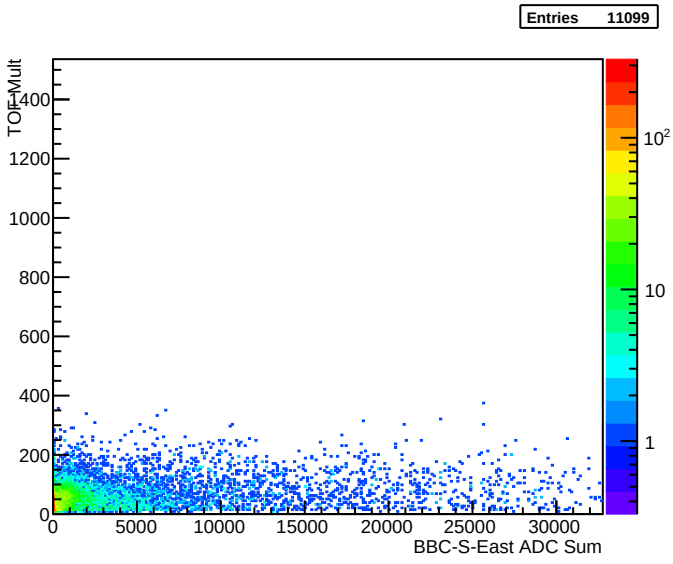

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

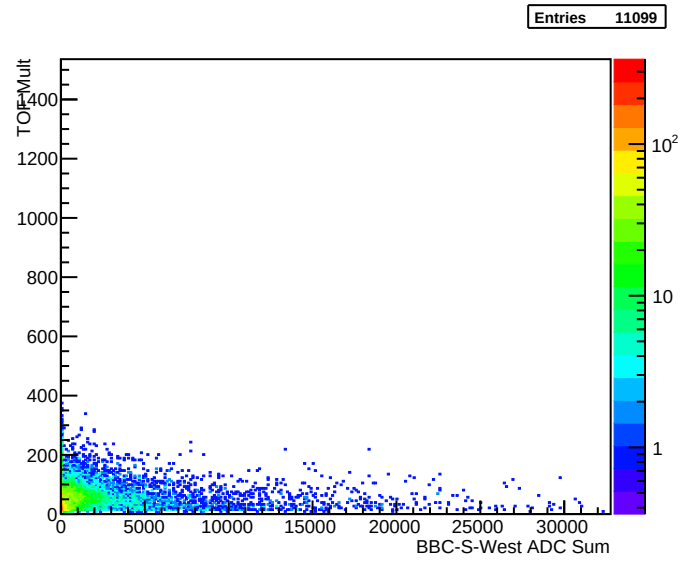

VT201 Input Ch4: VPD Tac Diff
Entries 11099
Tac

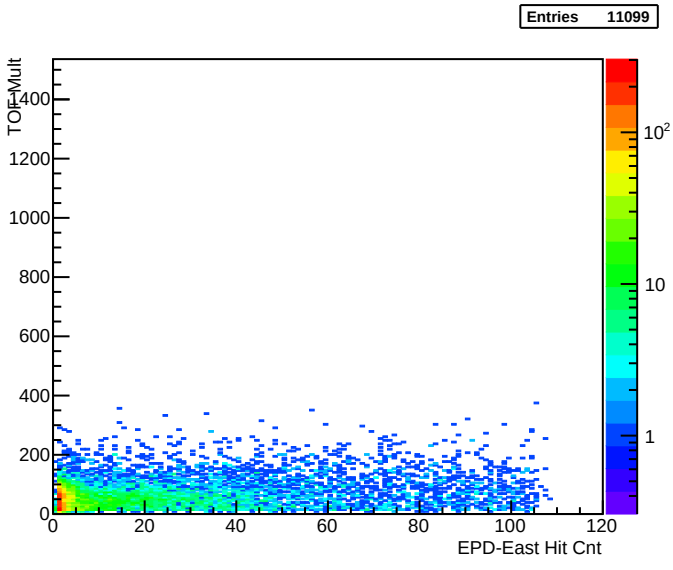

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

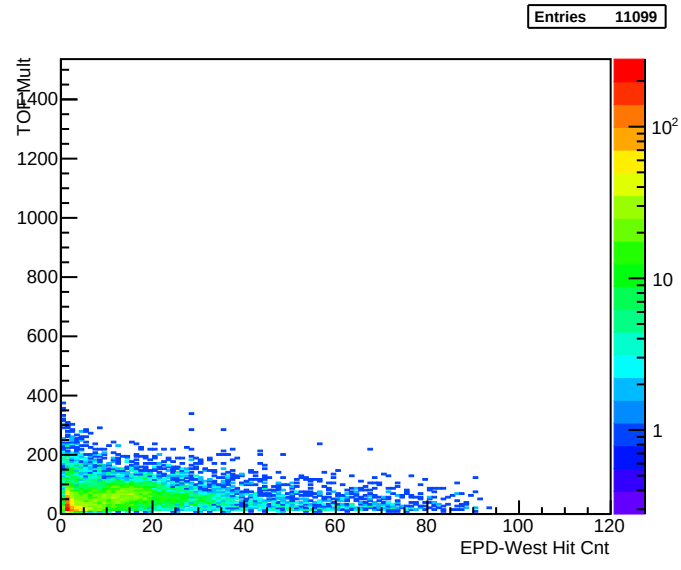

VT201 Input Ch4: VPD Adc Sum Th
Entries 22198
4544
5060
6555
6039
East
West

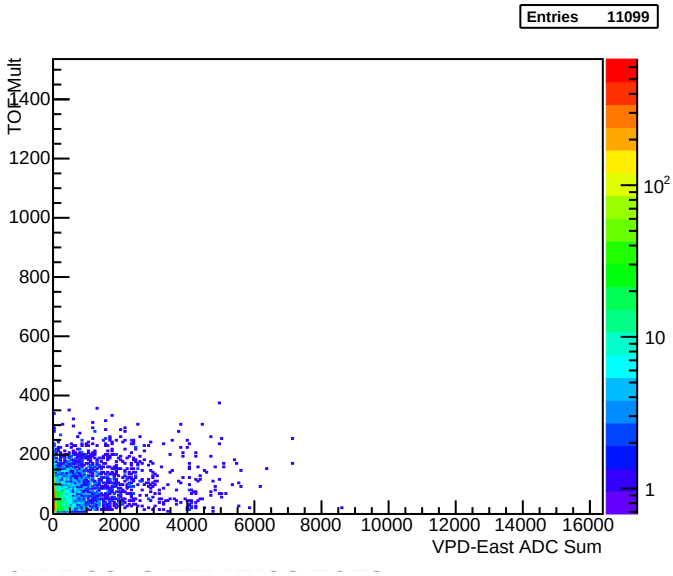

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

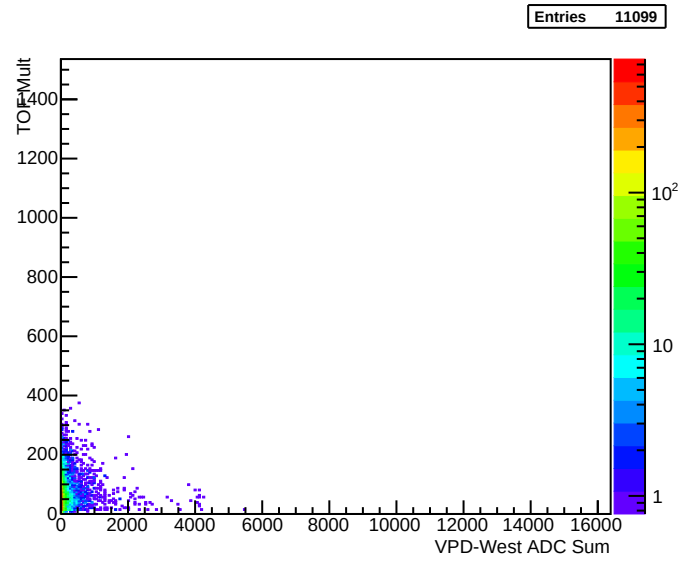

Entries 11099
TOF-Mult
BBC-S-East ADC Sum

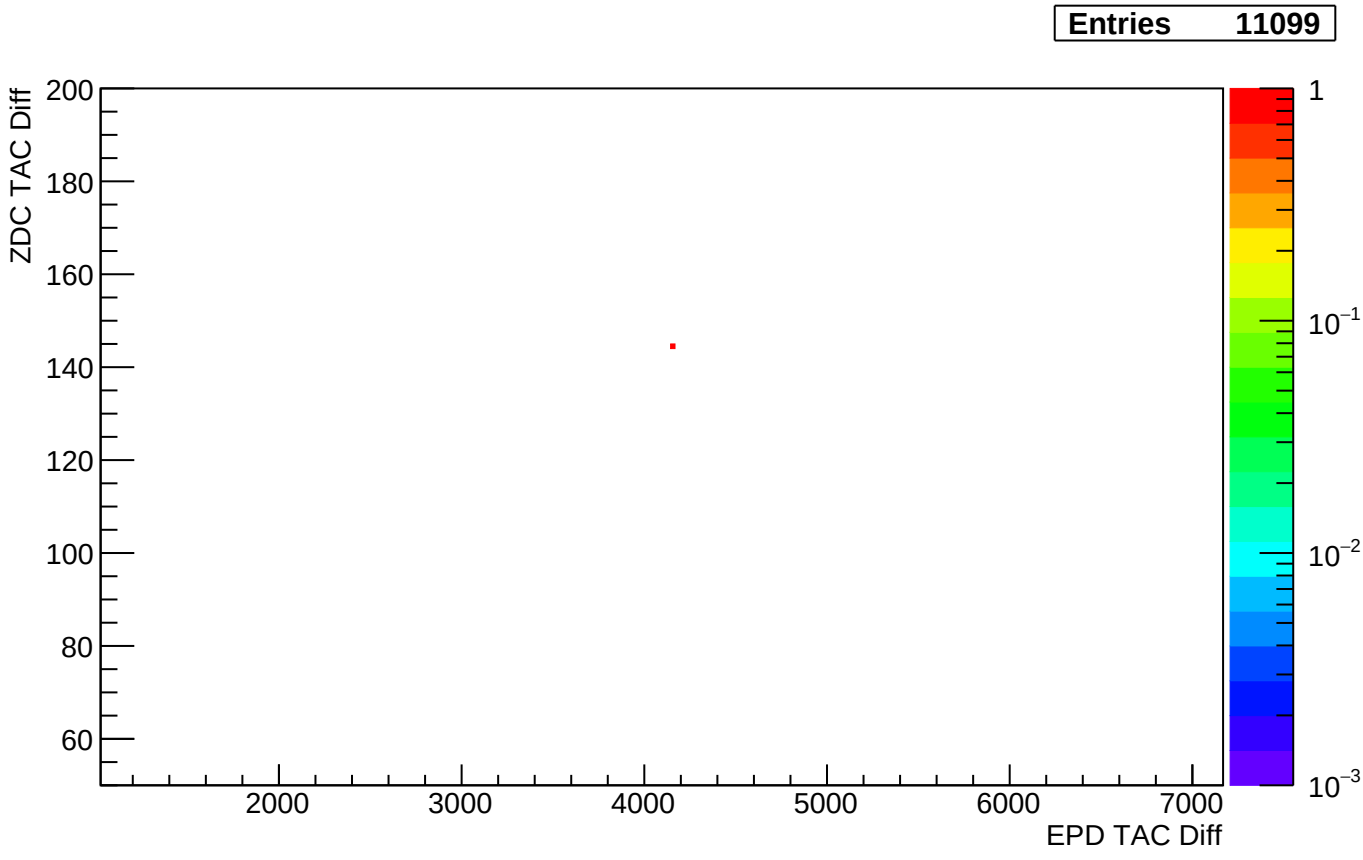

Entries 11099
TOF-Mult
BBC-S-West ADC Sum

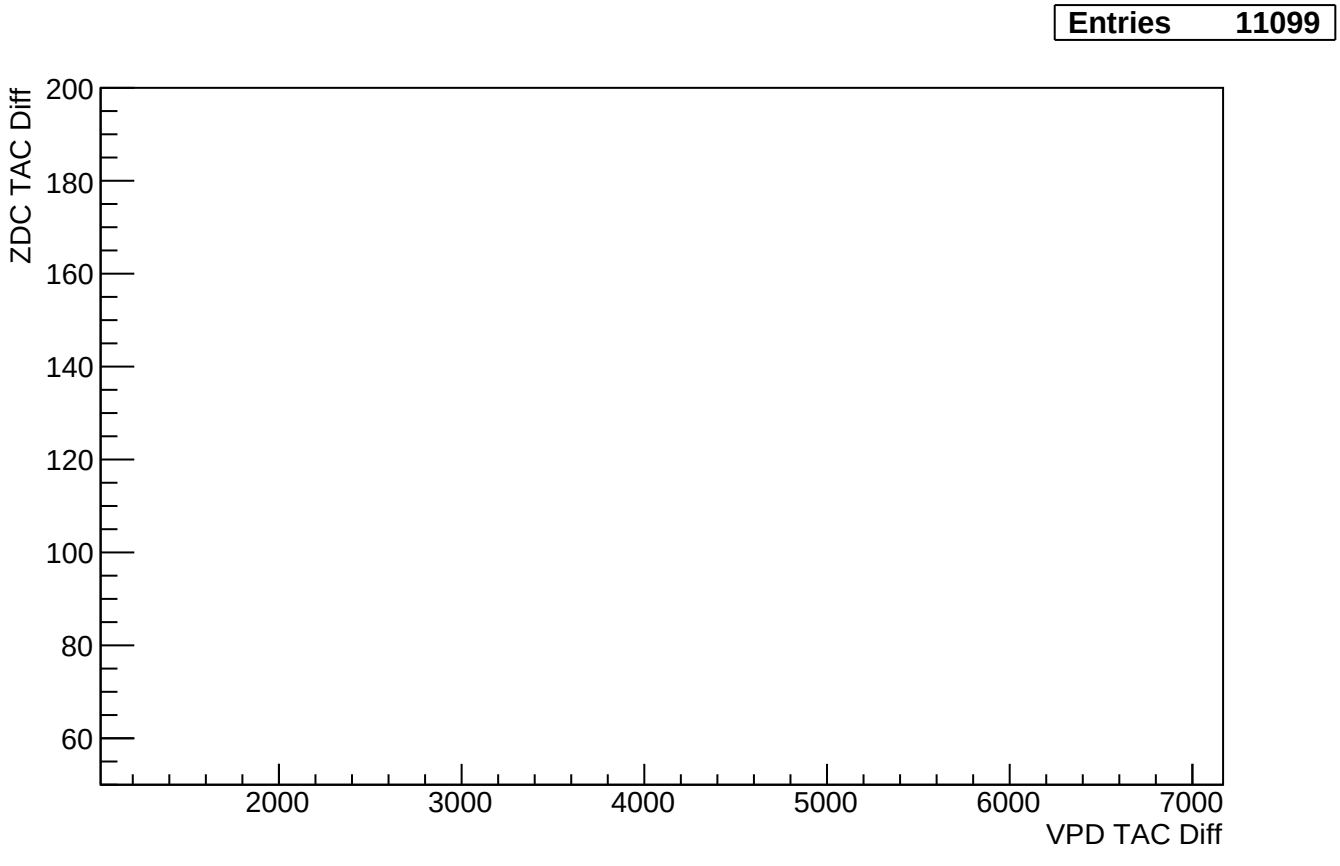

Entries 11099
TOF-Mult
EPD-East Hit Cnt

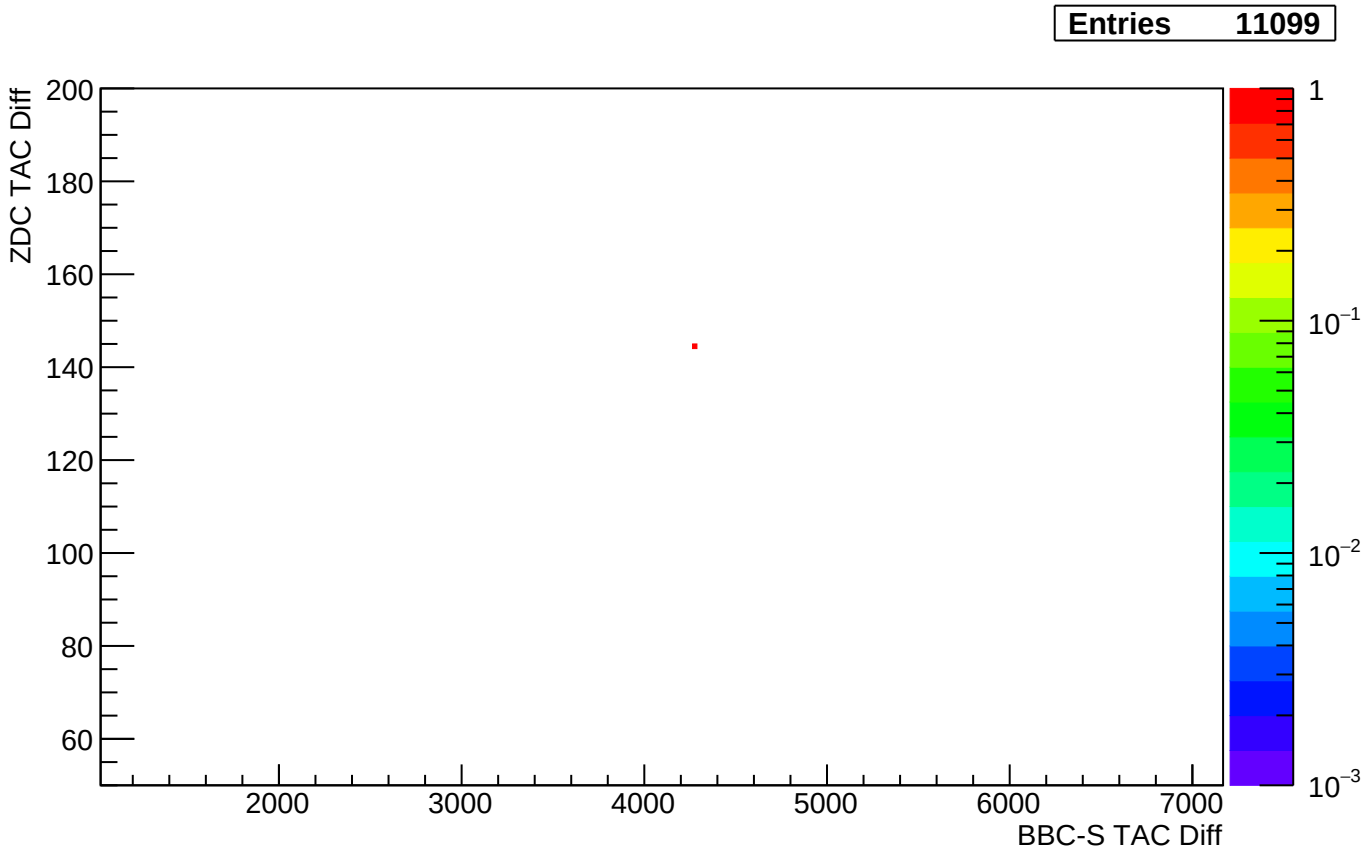

Entries 11099
TOF-Mult
EPD-West Hit Cnt

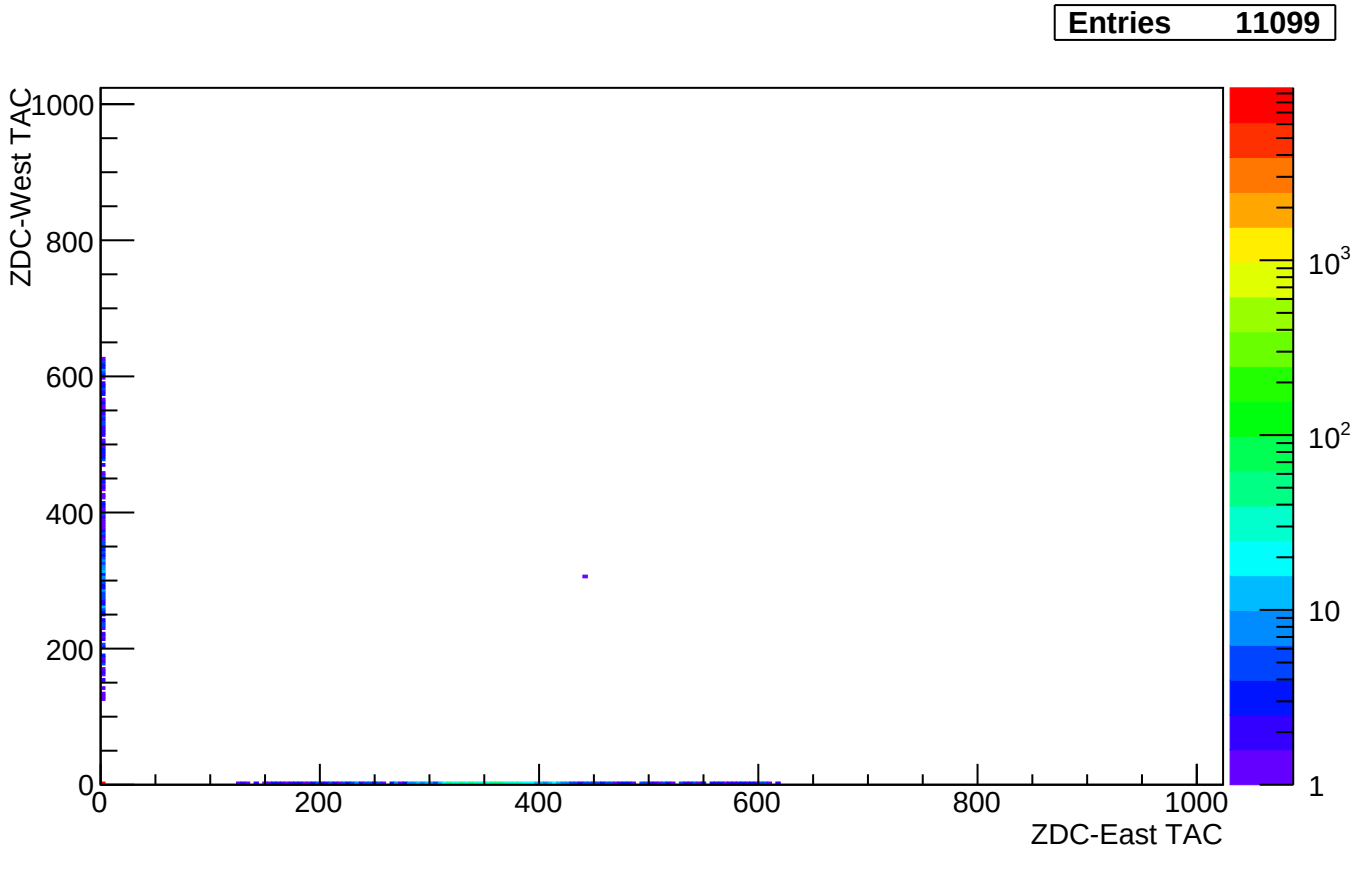

Entries 11099
TOF-Mult
VPD-East ADC Sum

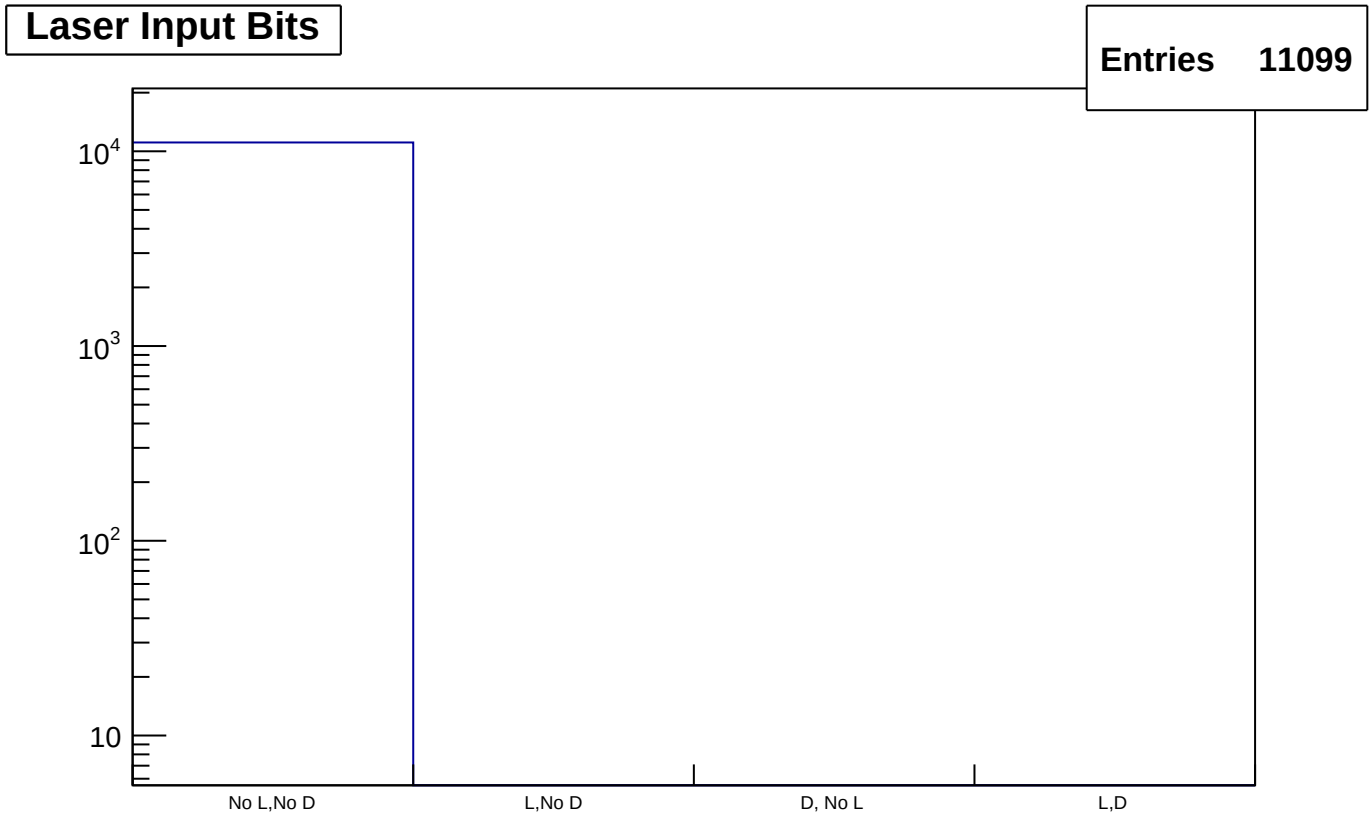

Entries 11099
TOF-Mult
VPD-West ADC Sum

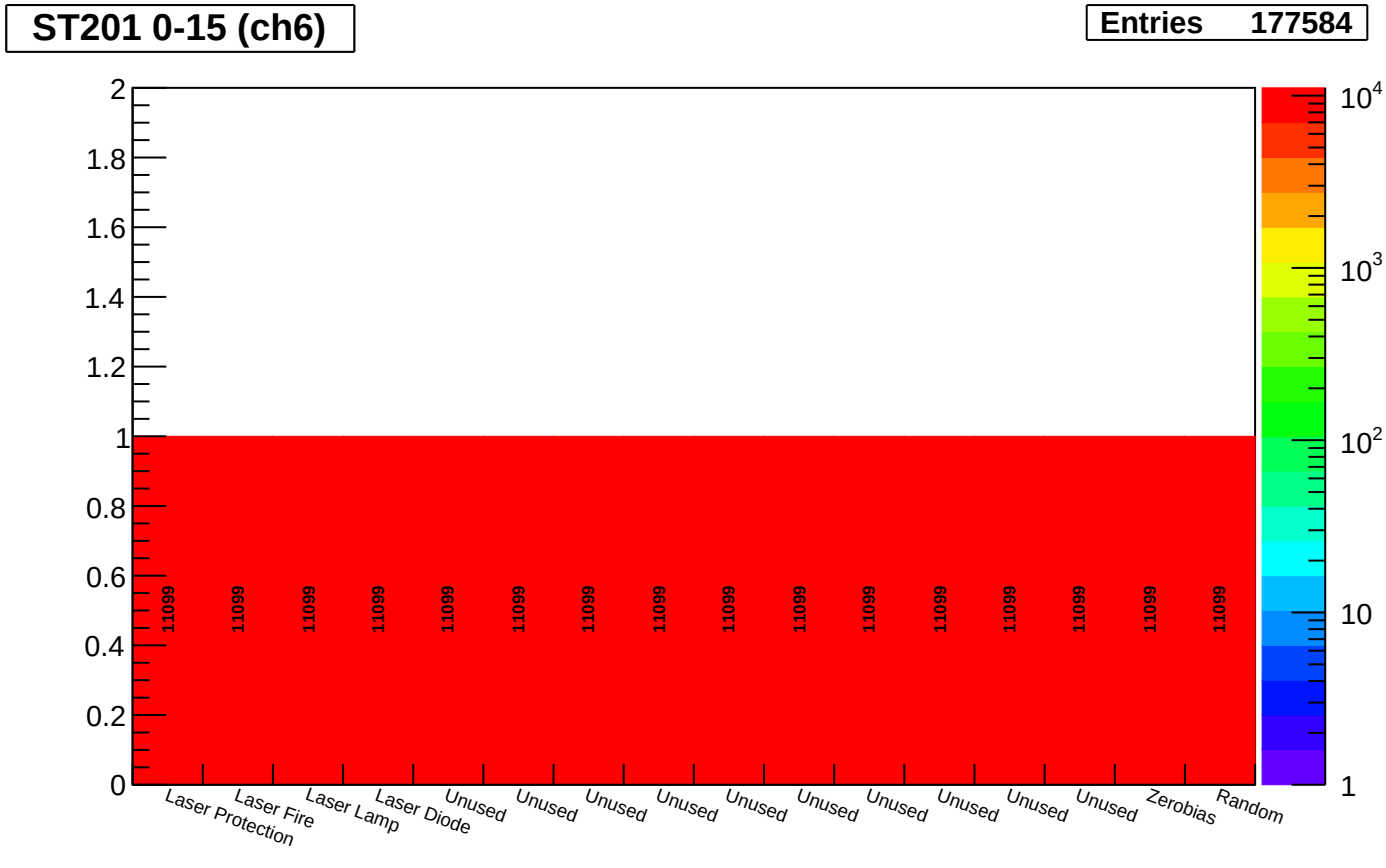

Entries 11099
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

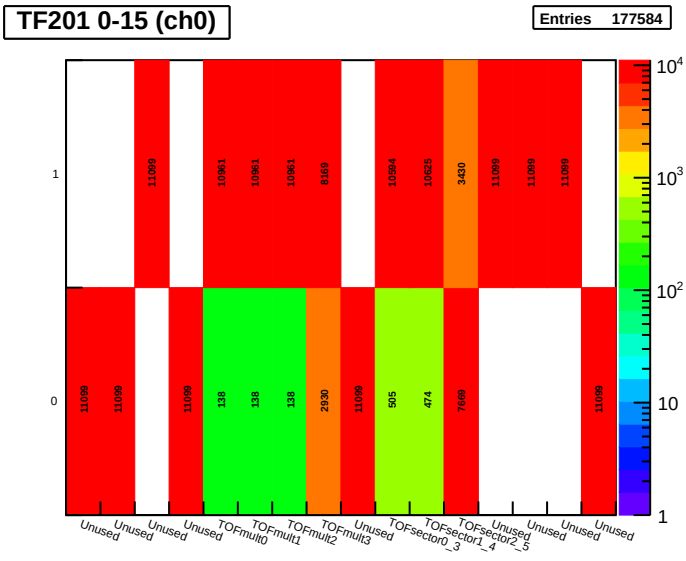

Entries 11099
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

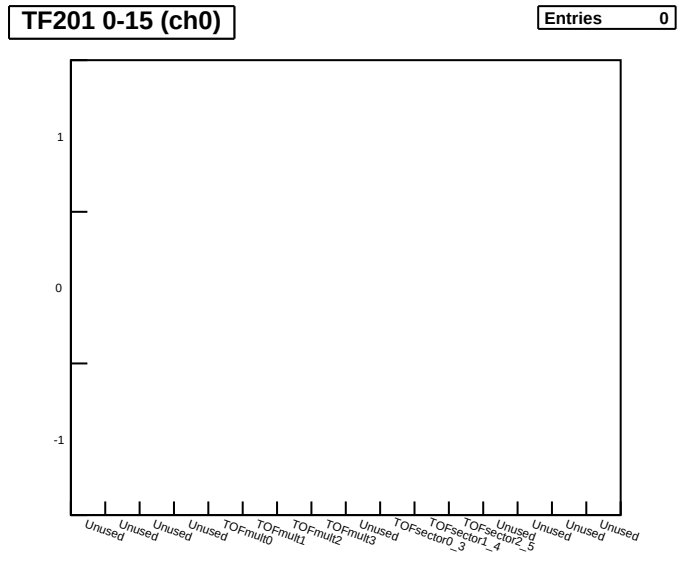

Entries 11099
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

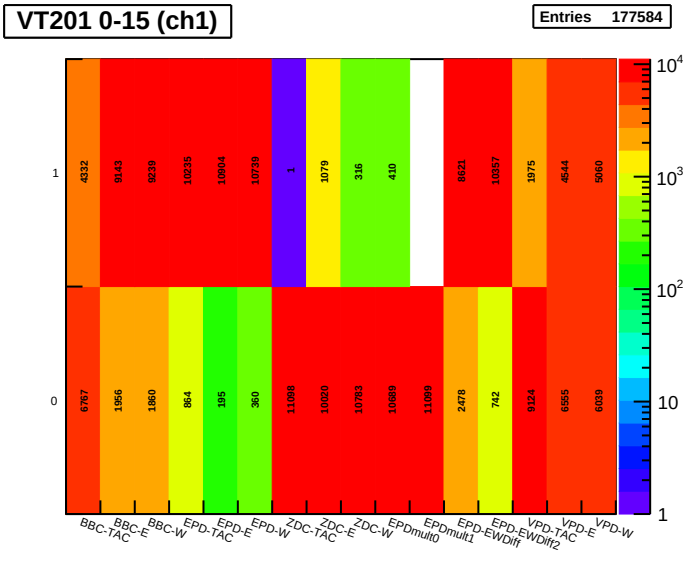

Entries 11099
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^{3}
10^{2}
10
1

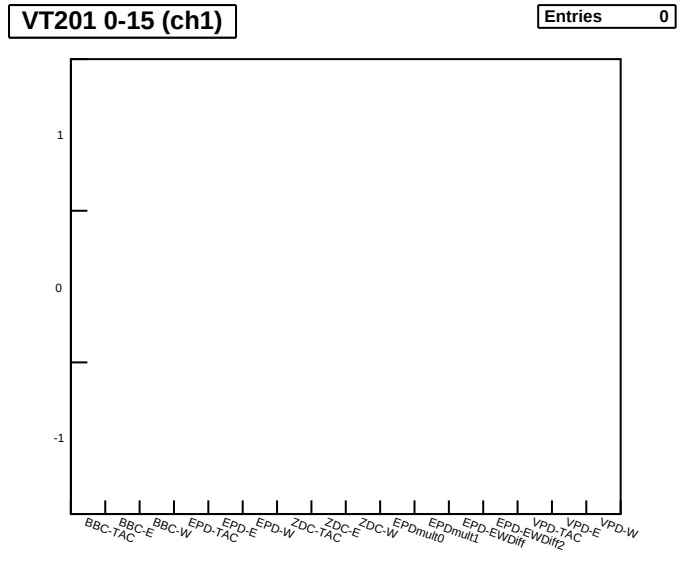

Laser Input Bits
Entries 11099
10^4
10^3
10^2
10
No L,No D
L,No D
D, No L
L,D

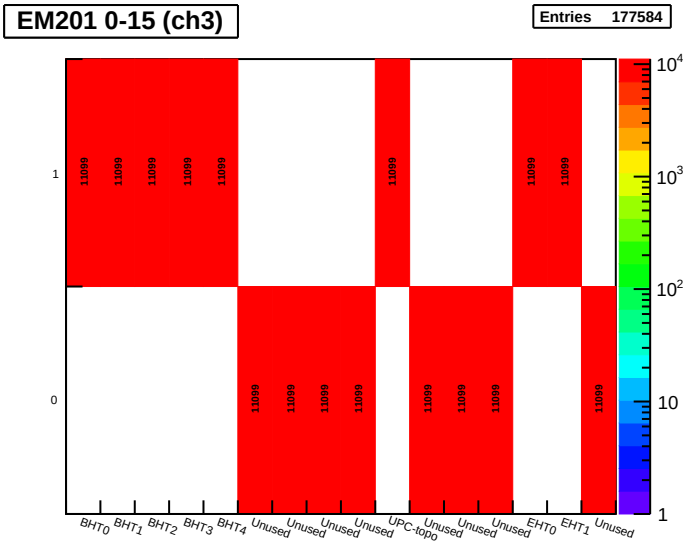

ST201 0-15 (ch6)
Entries 177584
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11099
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^4
10^3
10^2
10
1

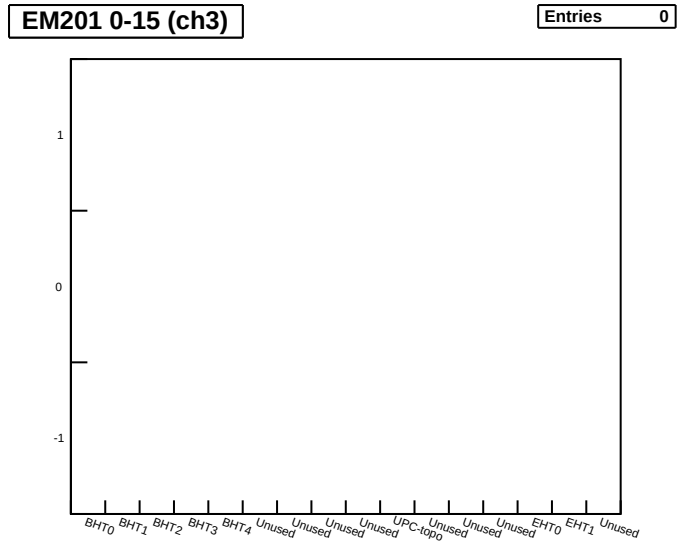

TF201 0-15 (ch0)
Entries 177584
1
0
11099
10961
8169
10594
10625
3430
138
2930
505
474
7669
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


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


VT201 0-15 (ch1)
Entries 177584
1
0
4332
9143
9239
10235
10604
10739
1
1079
316
410
8621
10357
1975
4544
5060
6767
1956
1860
864
195
360
11038
10020
10783
10689
11099
2478
742
9124
6555
6039
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


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 177584
1
0
11099
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1