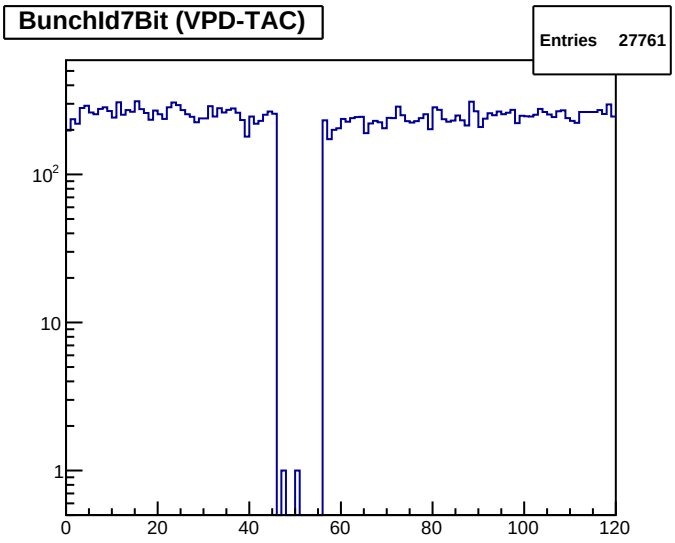
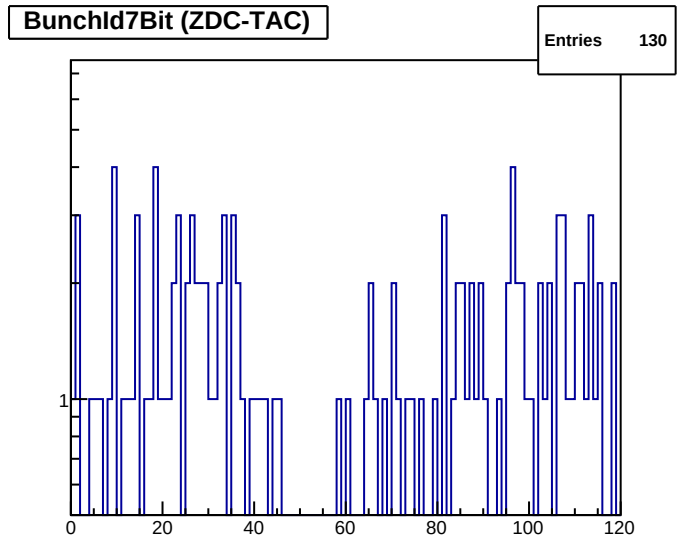
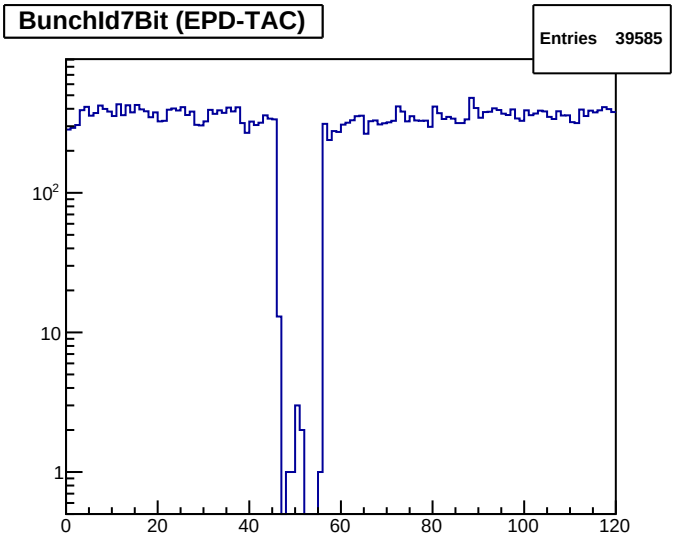
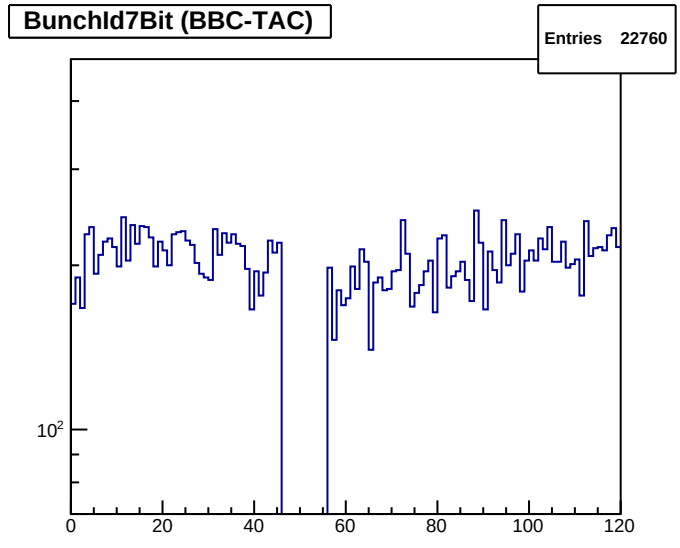
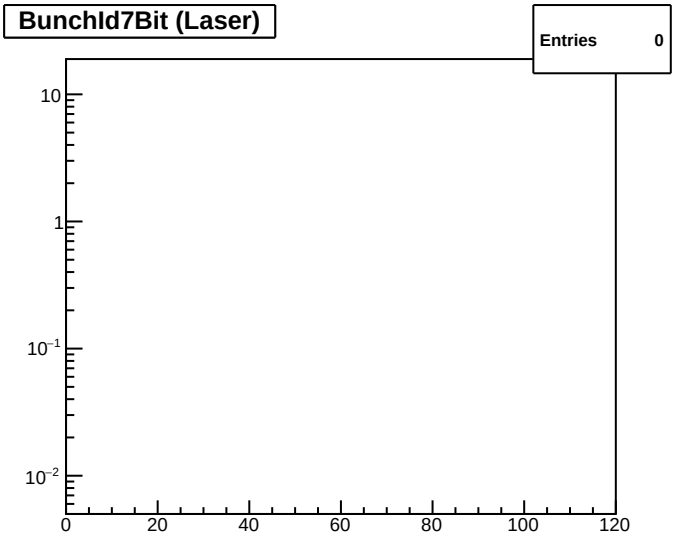
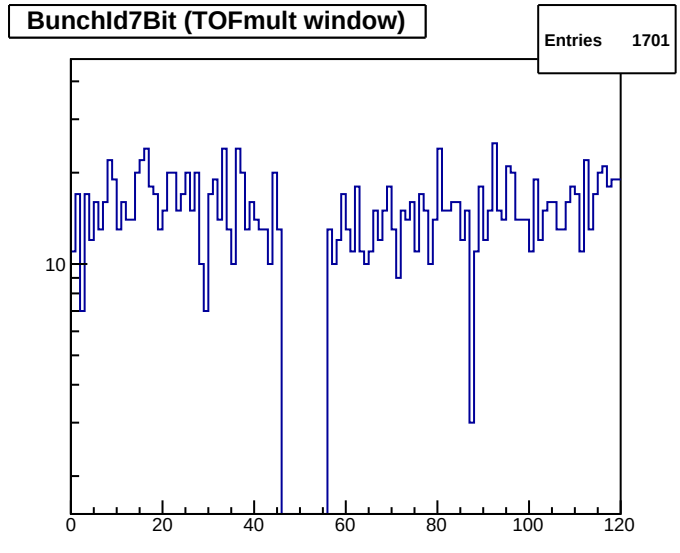

BunchId7Bit (VPD-TAC)
Entries 27761
10^2
10
1
0
20
40
60
80
100
120

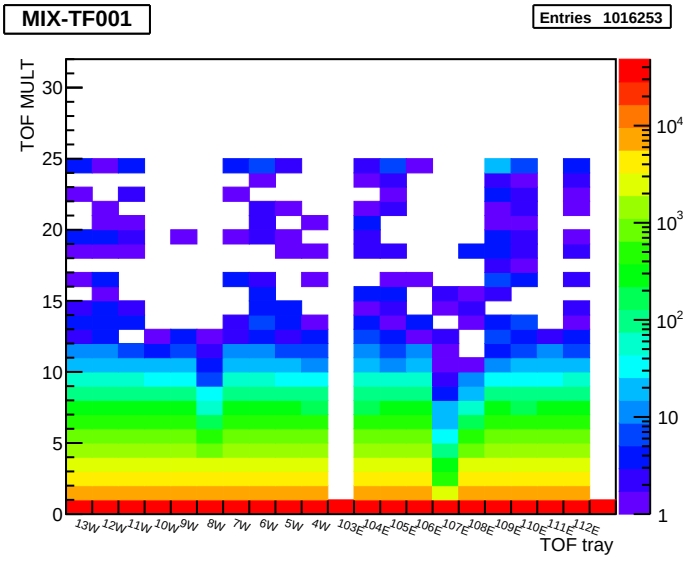

BunchId7Bit (ZDC-TAC)
Entries 130
1
0
20
40
60
80
100
120

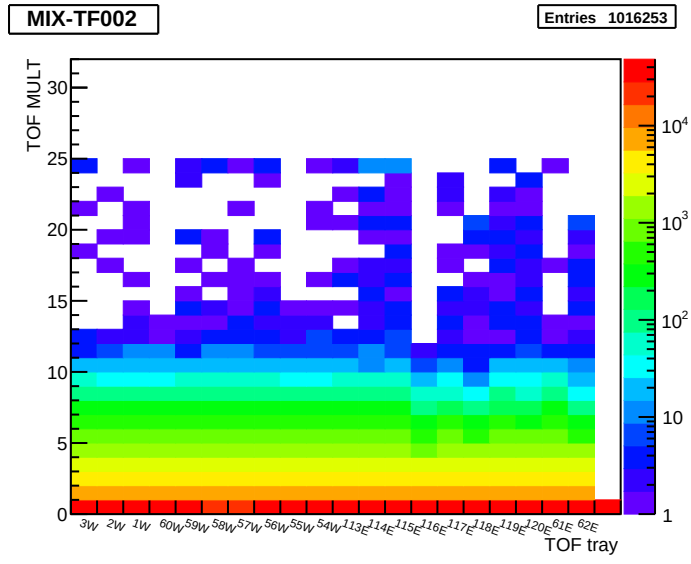

BunchId7Bit (EPD-TAC)
Entries 39585
10^2
10
1
0
20
40
60
80
100
120

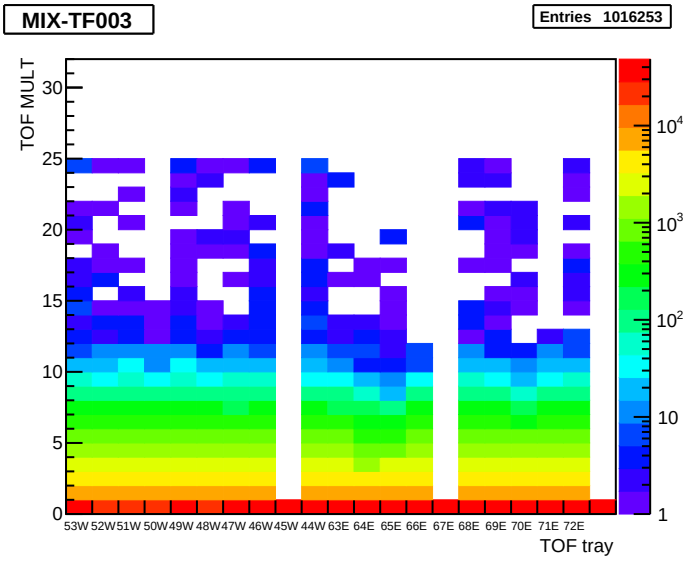

BunchId7Bit (BBC-TAC)
Entries 22760
10^2
0
20
40
60
80
100
120

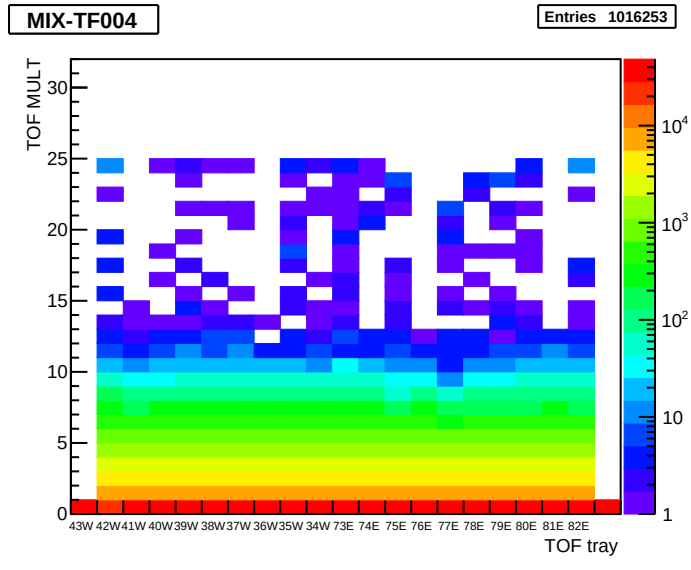

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0
20
40
60
80
100
120

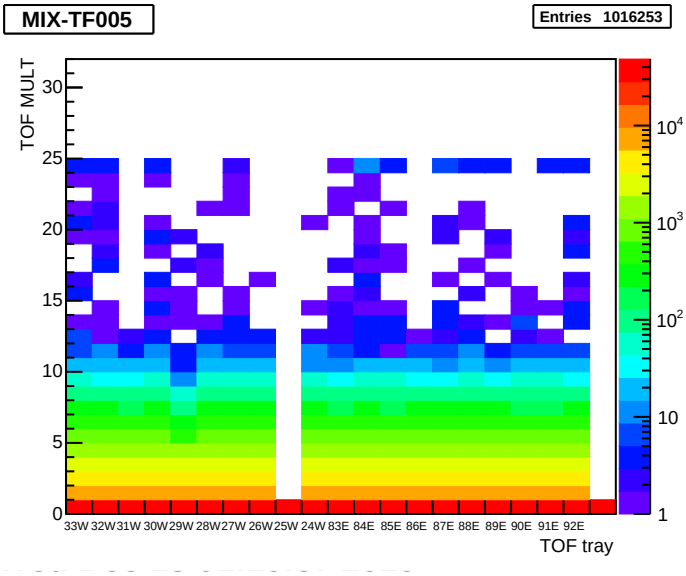

BunchId7Bit (TOFmult window)
Entries 1701
10
0
20
40
60
80
100
120

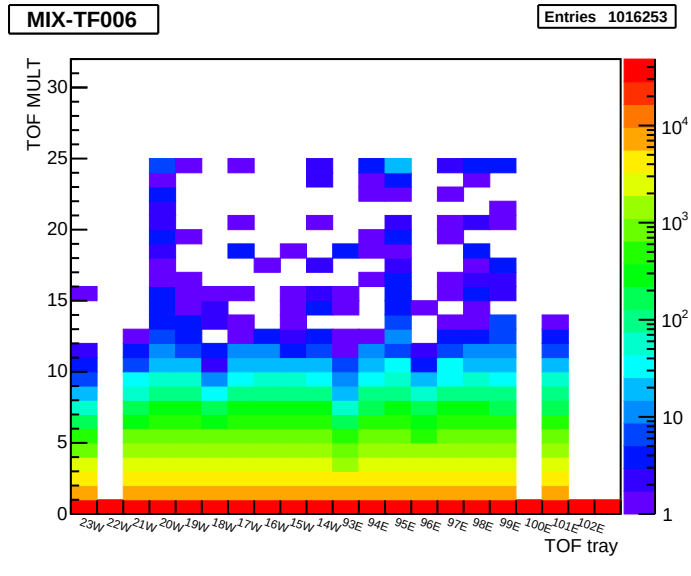

MIX-TF001
Entries 1016253
TOF MULT
TOF tray

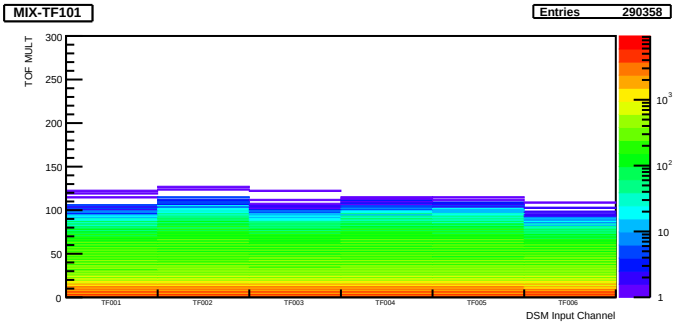

MIX-TF002
Entries 1016253
TOF MULT
TOF tray

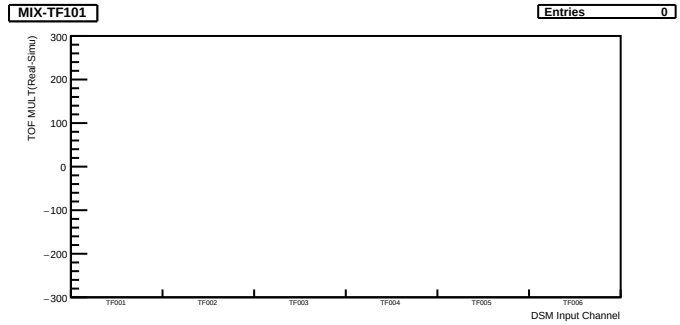

MIX-TF003
Entries 1016253
TOF MULT
TOF tray

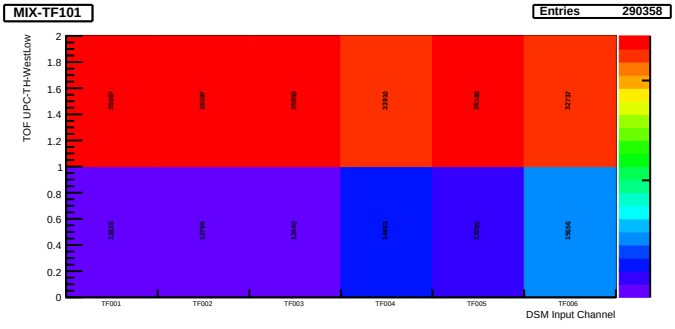

MIX-TF004
Entries 1016253
TOF MULT
TOF tray

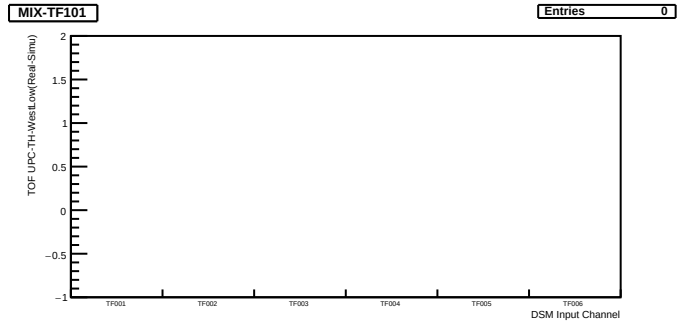

MIX-TF005
Entries 1016253
TOF MULT
TOF tray

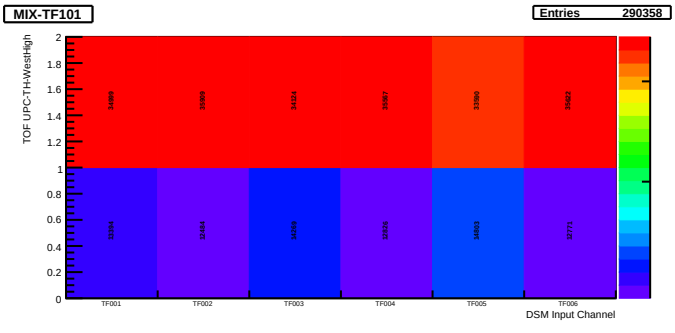

MIX-TF006
Entries 1016253
TOF MULT
TOF tray

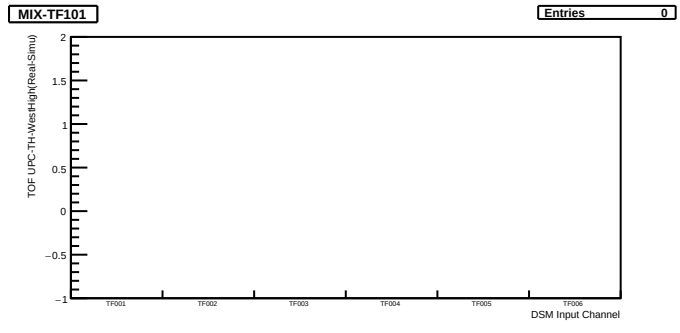

MIX-TF101
Entries 290358
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

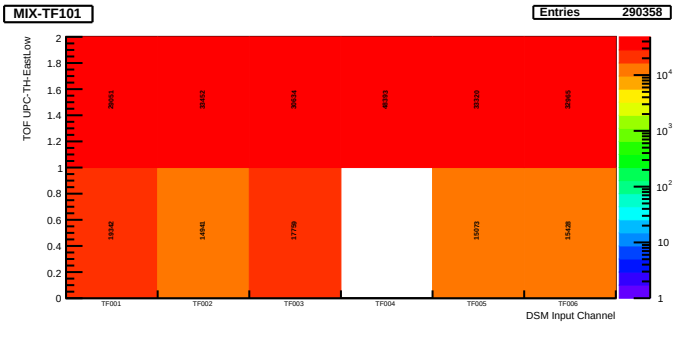

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

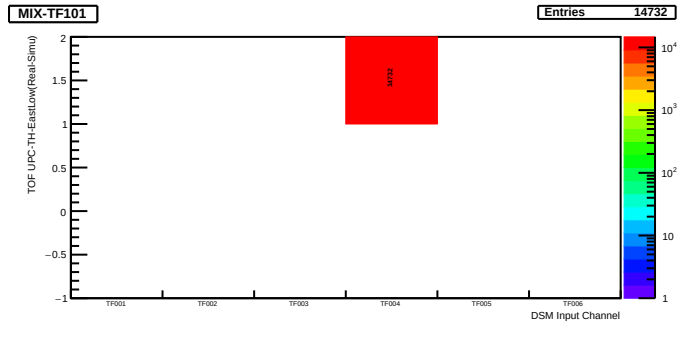

MIX-TF101
Entries 290358
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

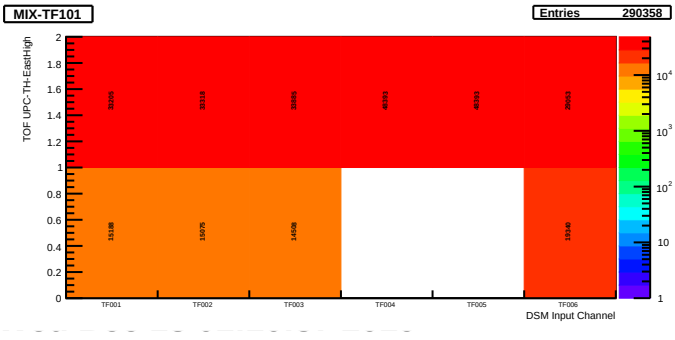

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

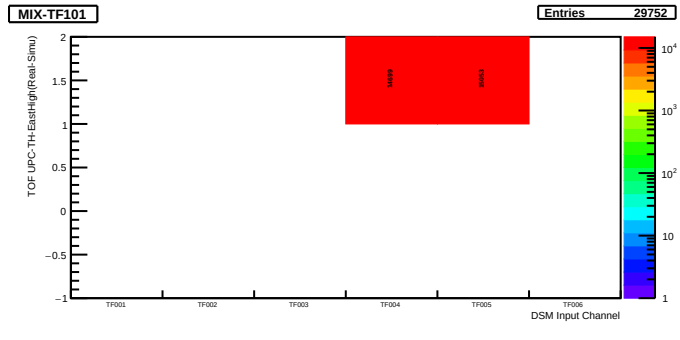

MIX-TF101
Entries 290358
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

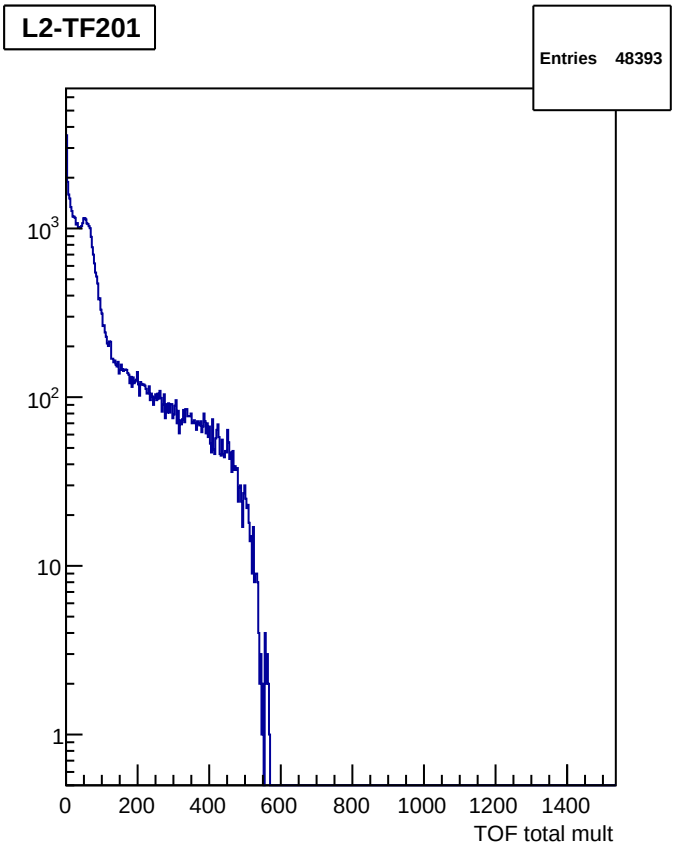

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

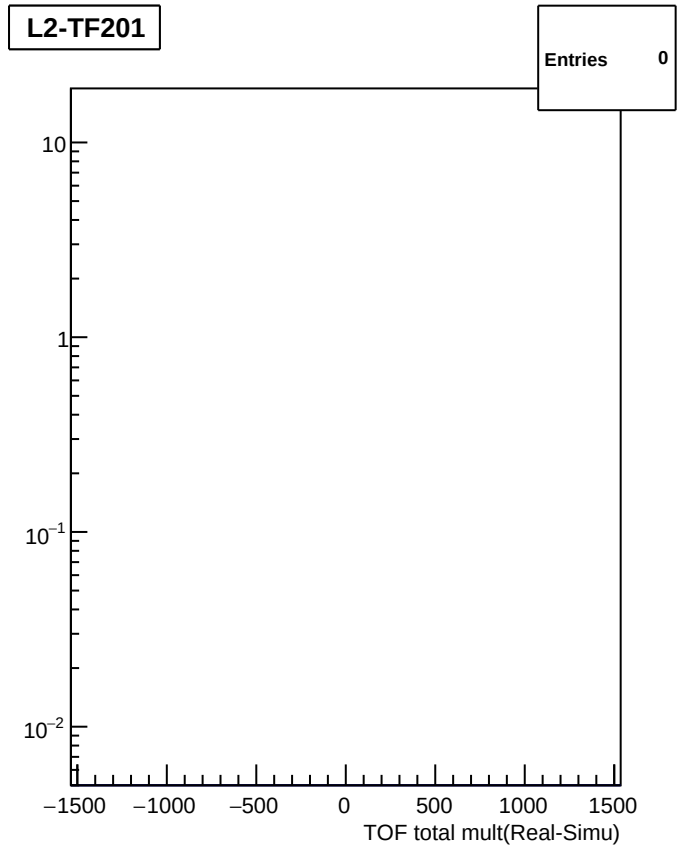

MIX-TF101
Entries 290358
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

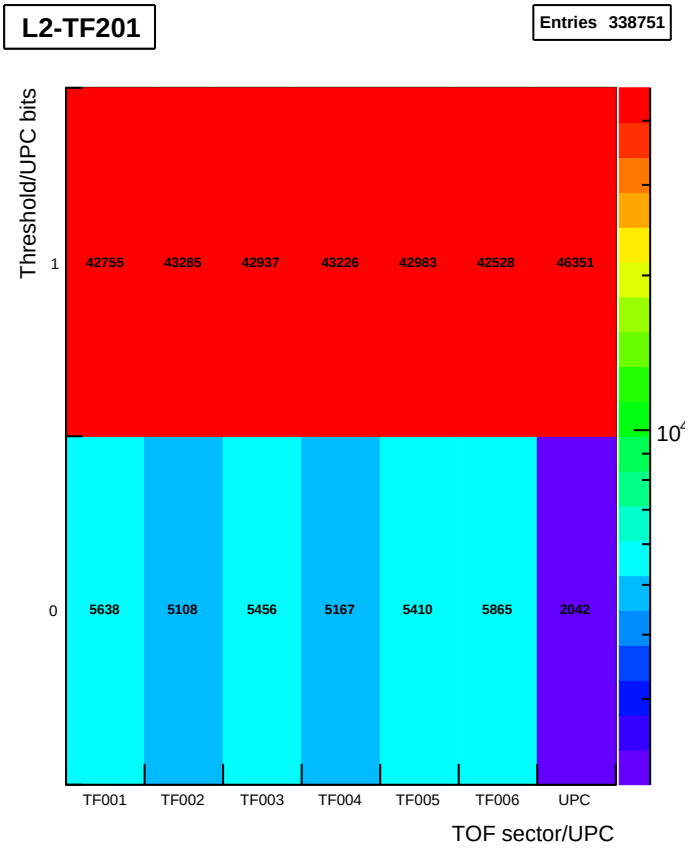

MIX-TF101
Entries 14732
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

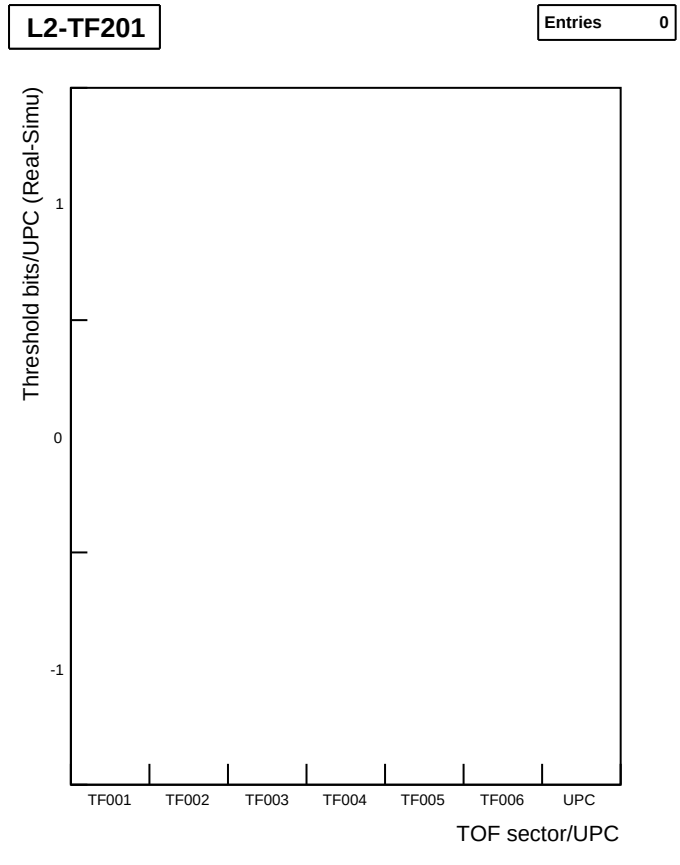

MIX-TF101
Entries 290358
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

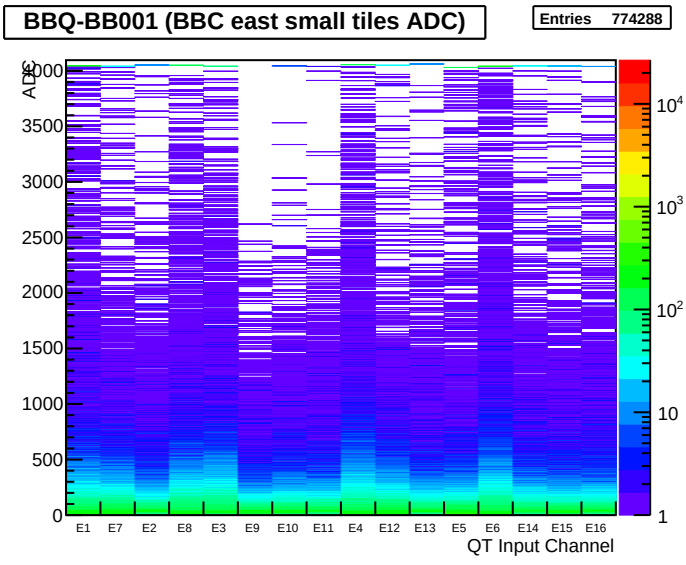

MIX-TF101
Entries 29752
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

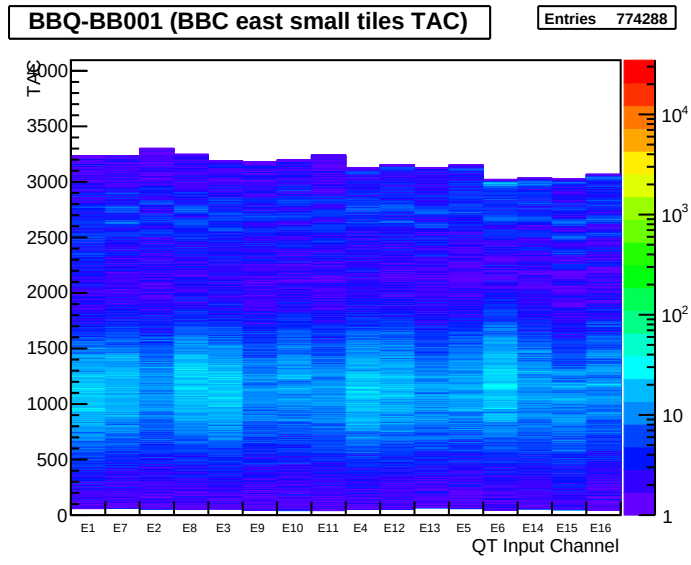

L2-TF201
Entries 48393
TOF total mult

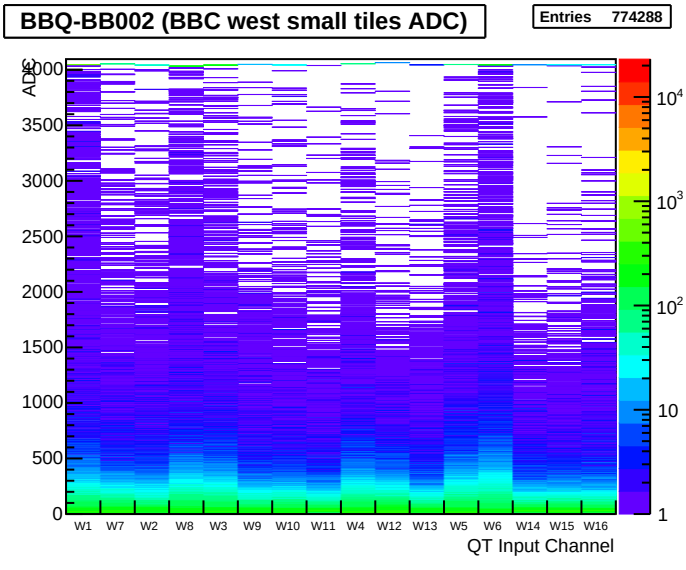

L2-TF201
Entries 0
TOF total mult(Real-Simu)

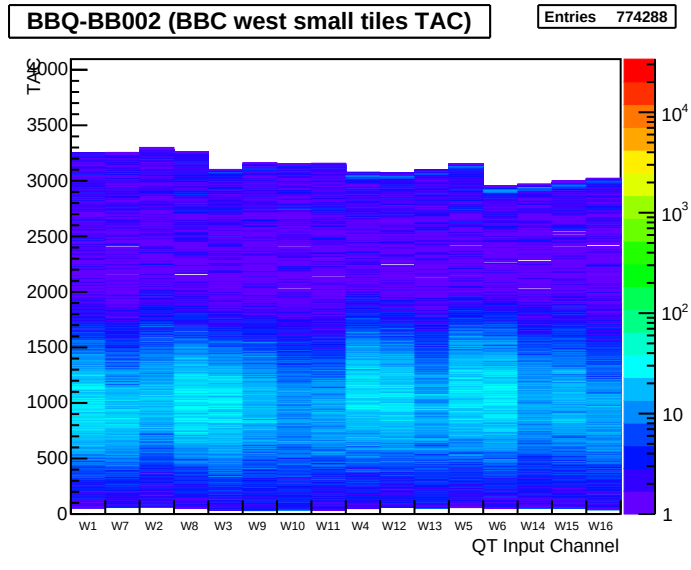

L2-TF201
Entries 338751
Threshold/UPC bits
42755
43285
42937
43226
42983
42528
46351
5638
5108
5456
5167
5410
5865
2042
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

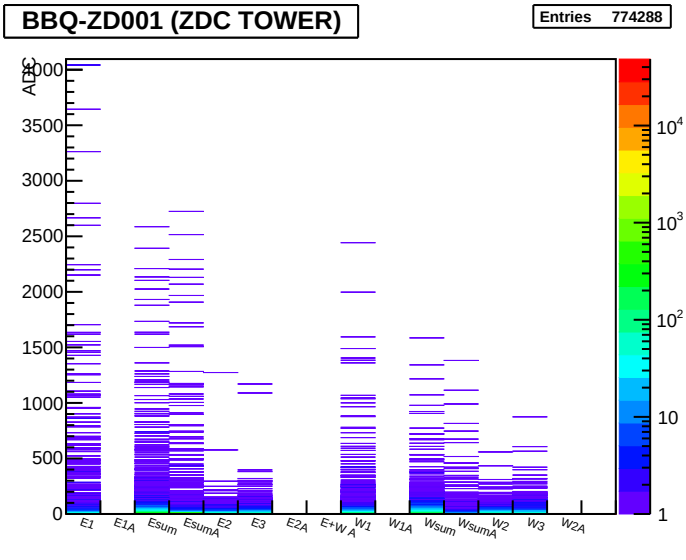

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

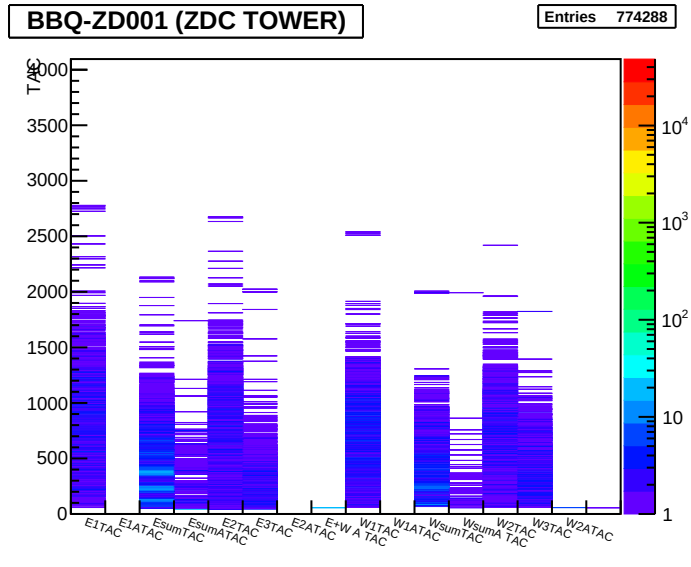

BBQ-BB001 (BBC east small tiles ADC)
Entries 774288
ADC
QT Input Channel

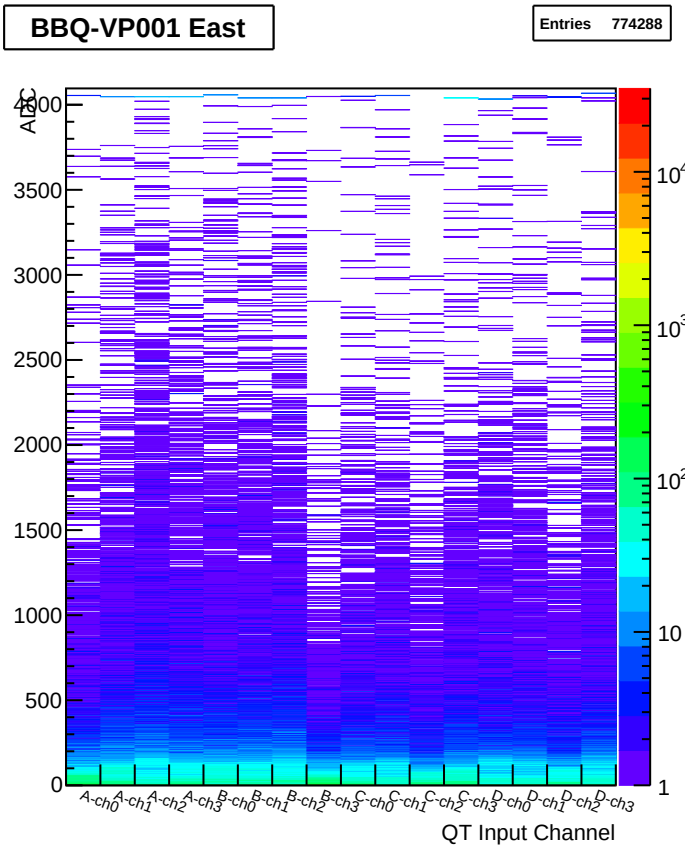

BBQ-BB001 (BBC east small tiles TAC)
Entries 774288
TAC
QT Input Channel

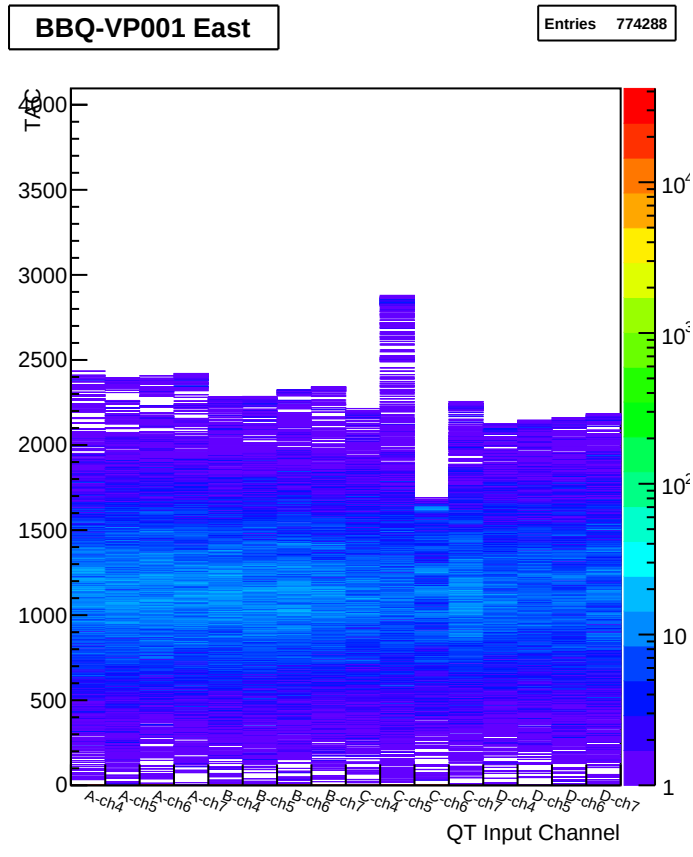

BBQ-BB002 (BBC west small tiles ADC)
Entries 774288
ADC
QT Input Channel

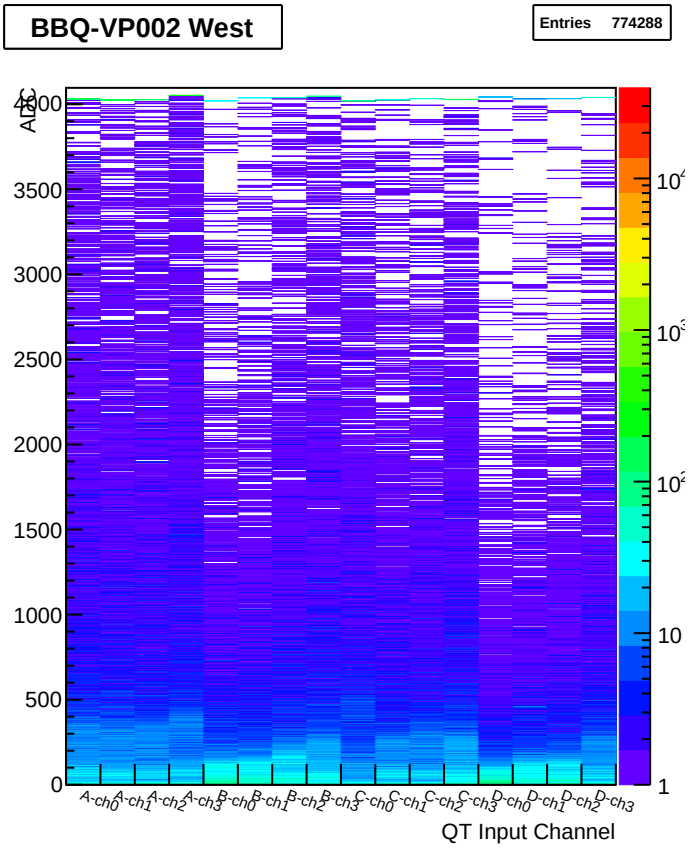

BBQ-BB002 (BBC west small tiles TAC)
Entries 774288
TAC
QT Input Channel

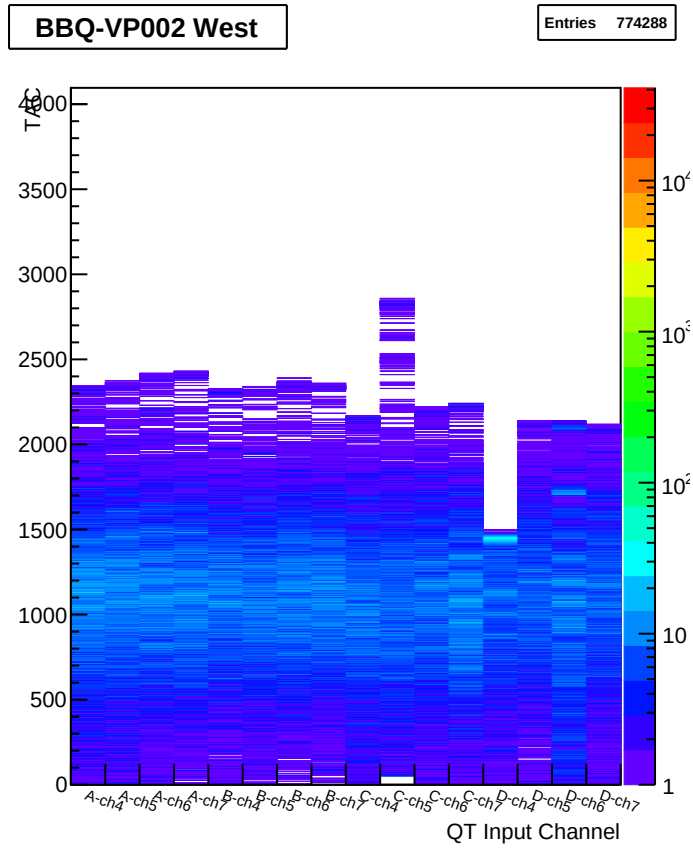

BBQ-ZD001 (ZDC TOWER)
Entries 774288
ADC

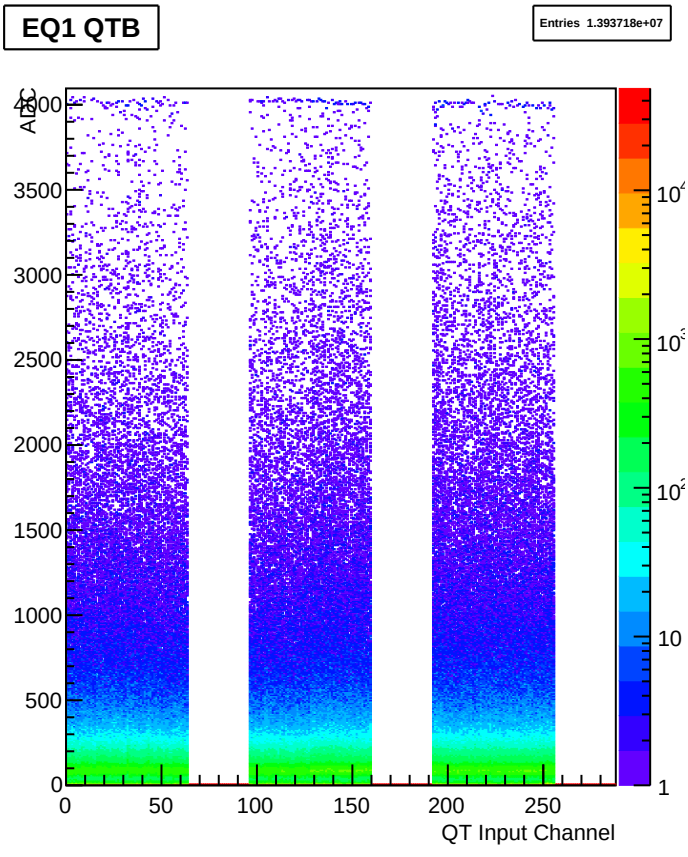

BBQ-ZD001 (ZDC TOWER)
Entries 774288
TAC

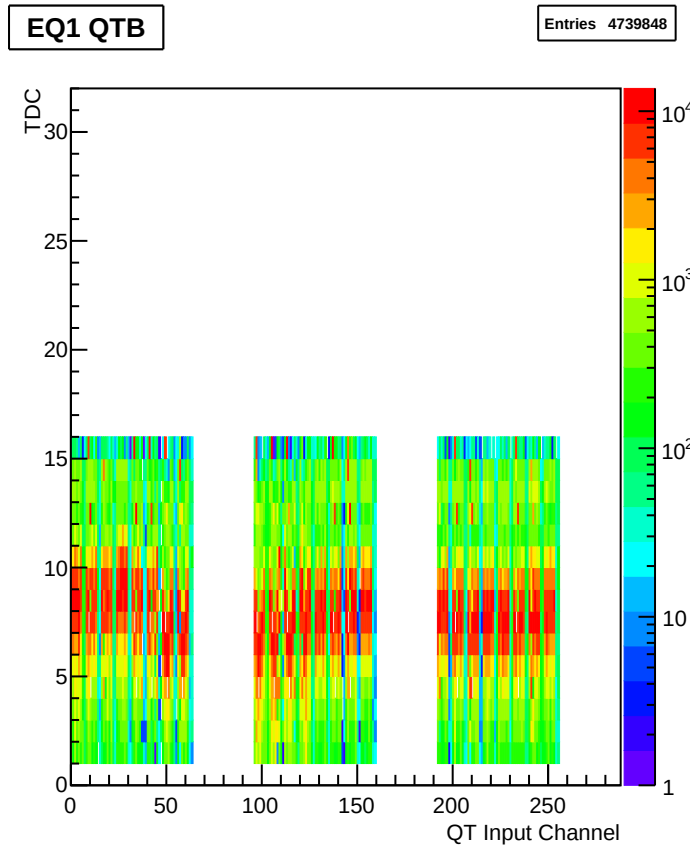

BBQ-VP001 East
Entries 774288
ADC
QT Input Channel

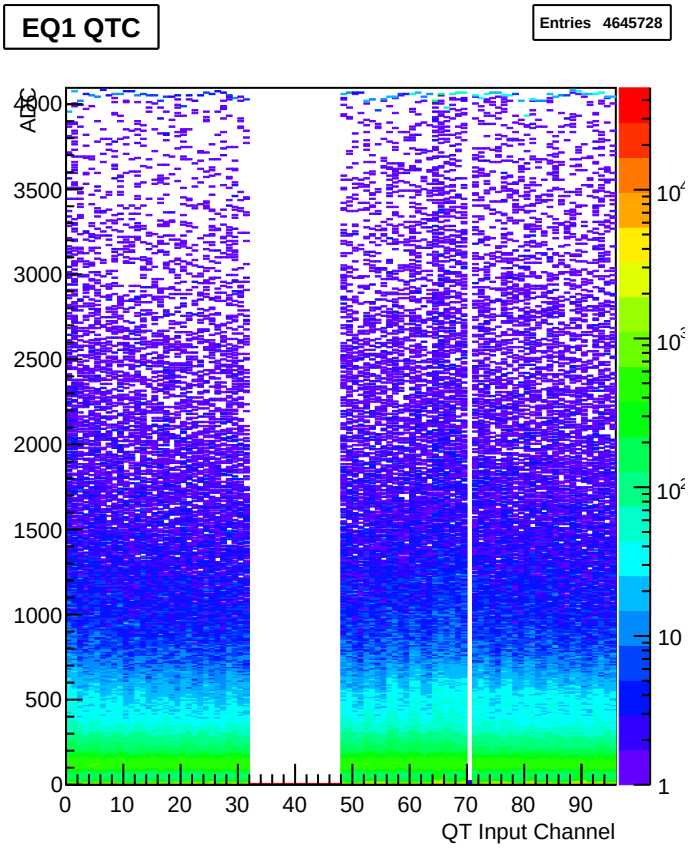

BBQ-VP001 East
Entries 774288
TADC
QT Input Channel

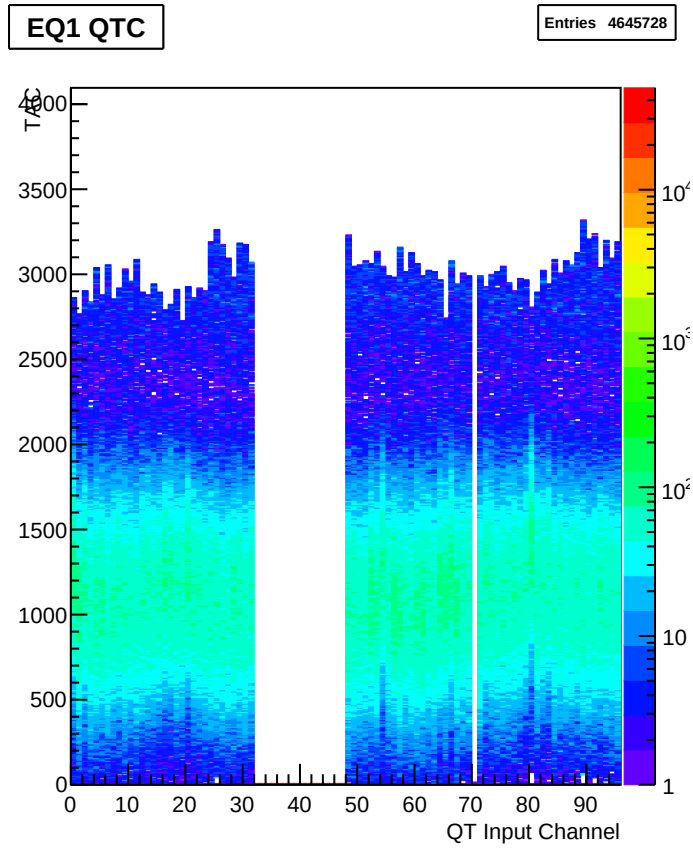

BBQ-VP002 West
Entries 774288
ADC
QT Input Channel

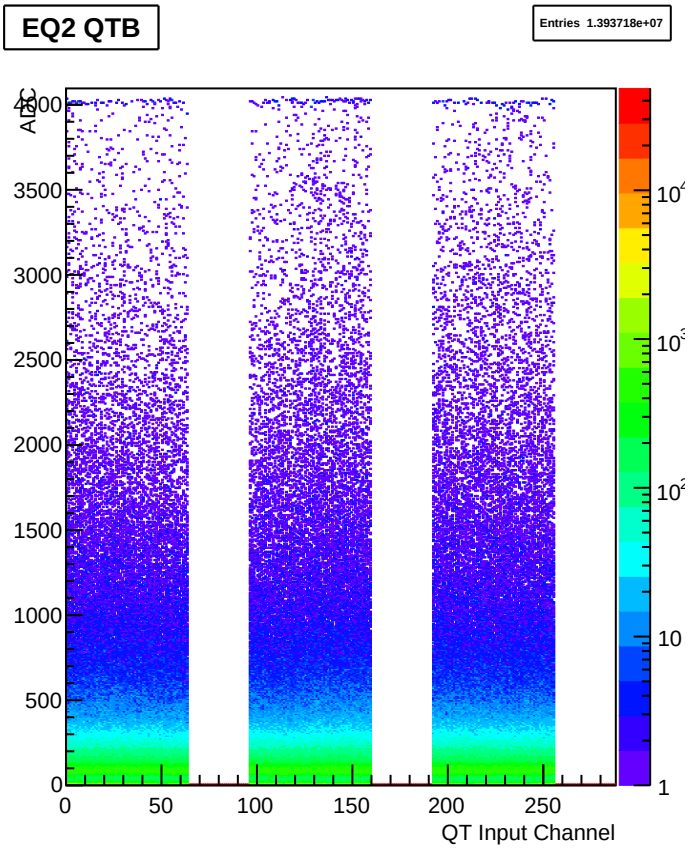

BBQ-VP002 West
Entries 774288
TADC
QT Input Channel

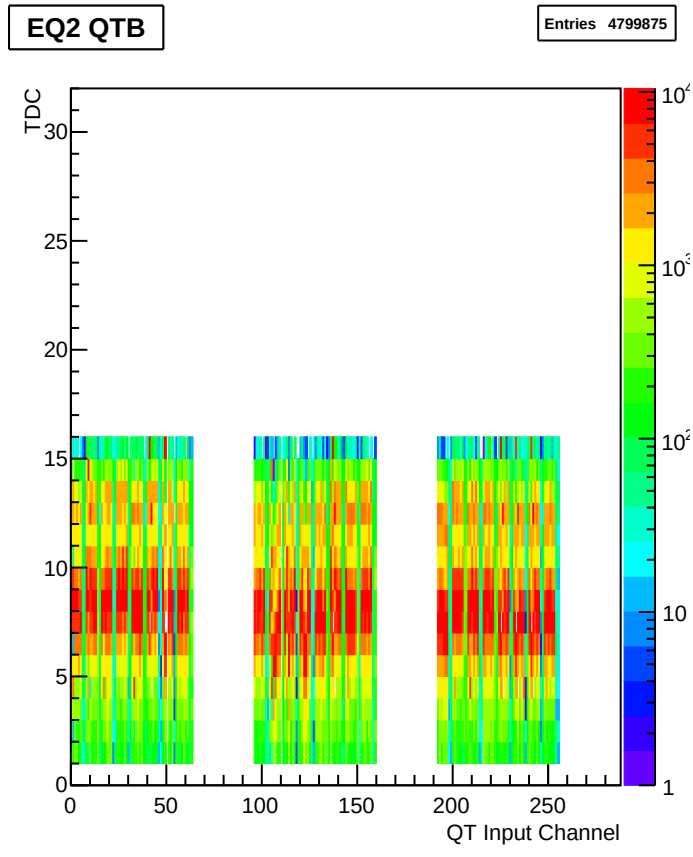

EQ1 QTB
Entries 1.393718e+07
ADC
QT Input Channel

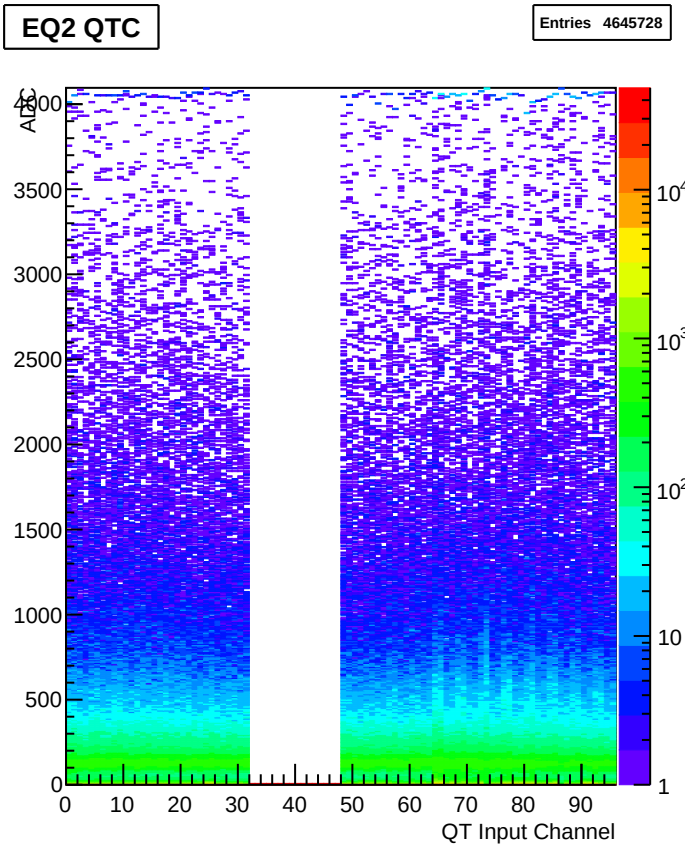

EQ1 QTB
Entries 4739848
TDC
QT Input Channel

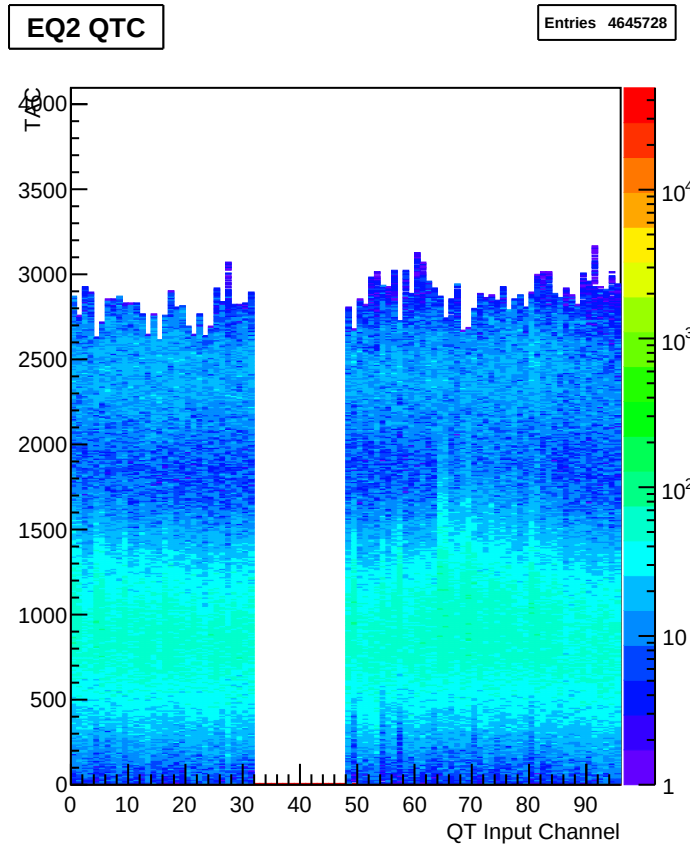

EQ1 QTC
Entries 4645728
ADC
QT Input Channel

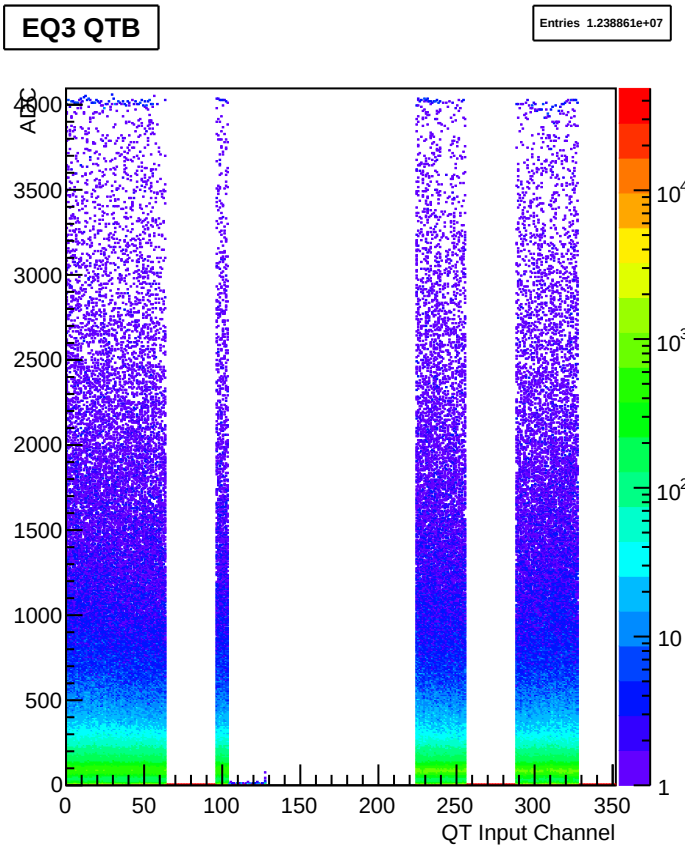

EQ1 QTC
Entries 4645728
TADC
QT Input Channel

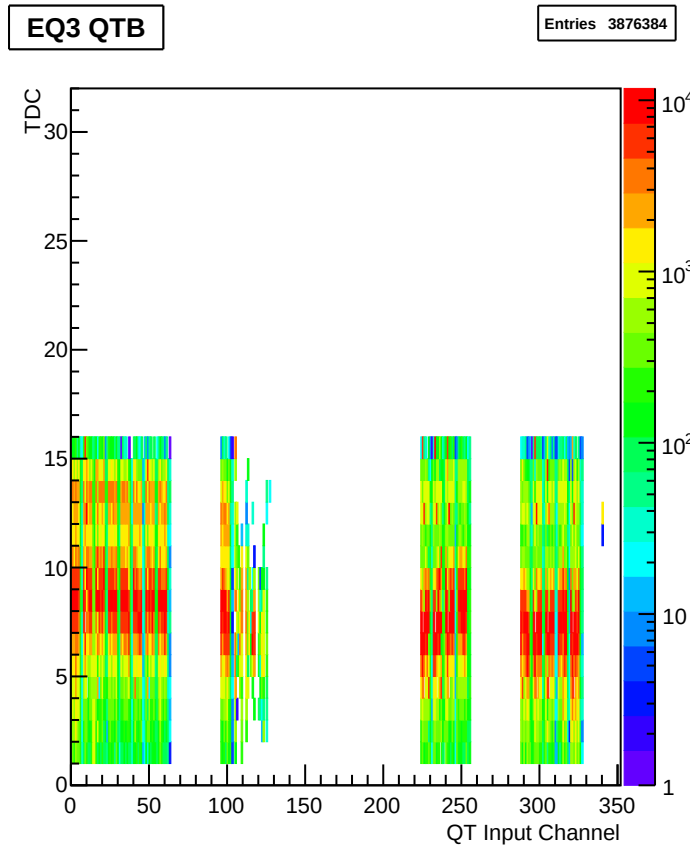

EQ2 QTB
Entries 1.393718e+07
ADC
QT Input Channel

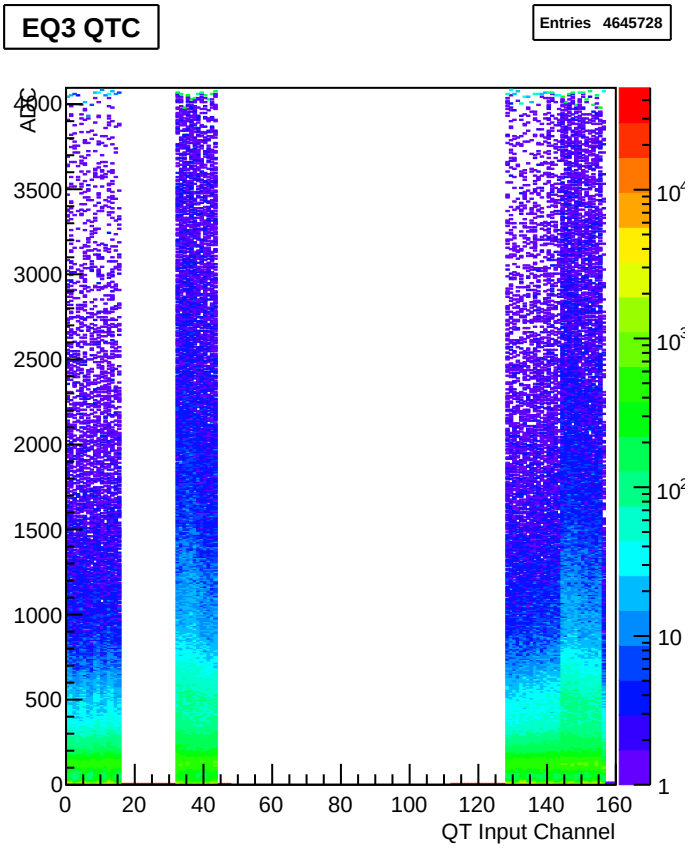

EQ2 QTB
Entries 4799875
TDC
QT Input Channel

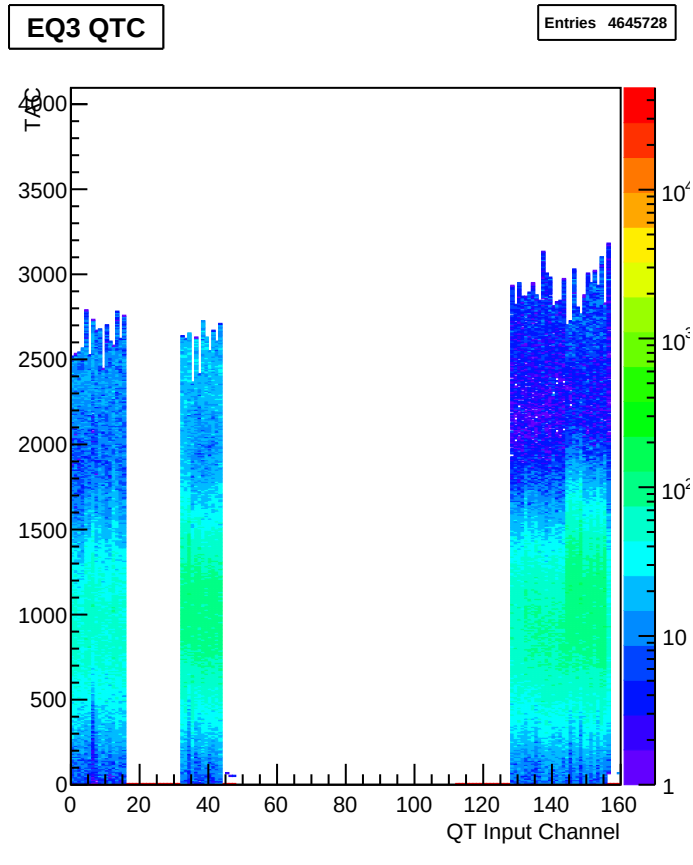

EQ2 QTC
Entries 4645728
ADC
QT Input Channel

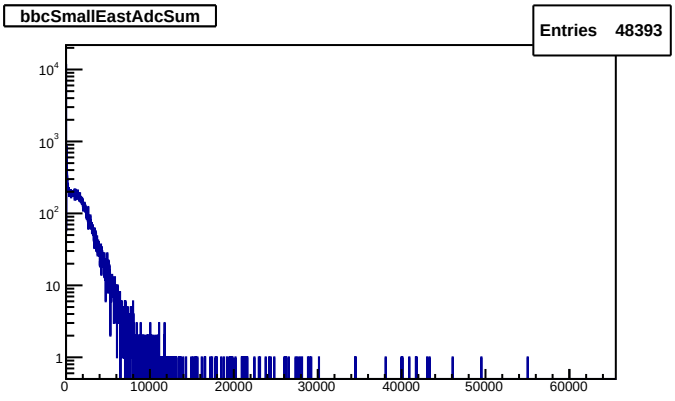

EQ2 QTC
Entries 4645728
TADC
QT Input Channel

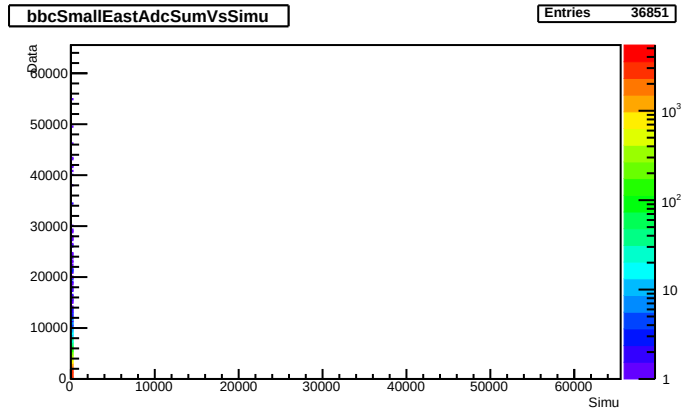

EQ3 QTB
Entries 1.238861e+07
ADC
QT Input Channel

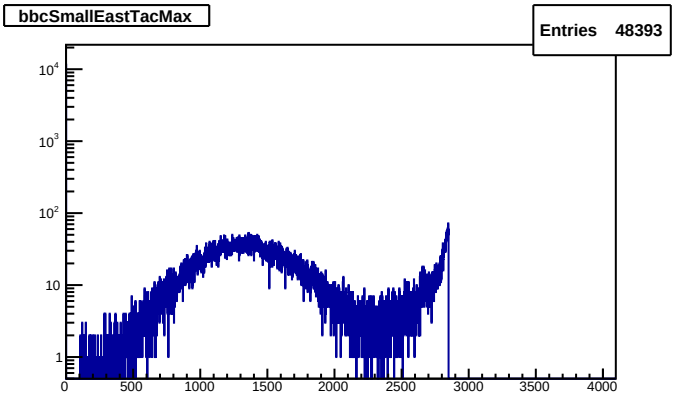

EQ3 QTB
Entries 3876384
TDC
QT Input Channel

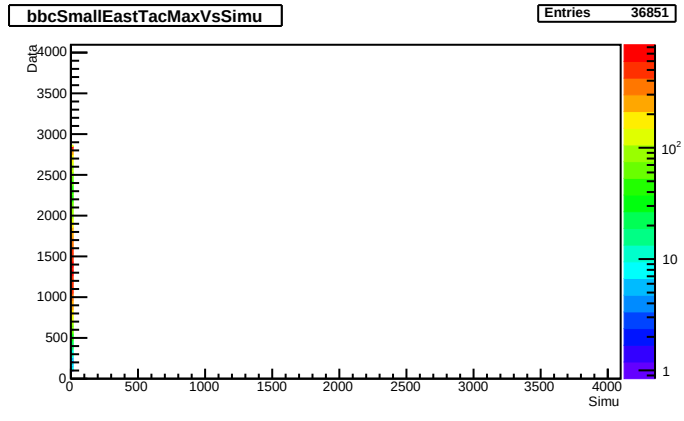

EQ3 QTC
Entries 4645728
ADC
QT Input Channel

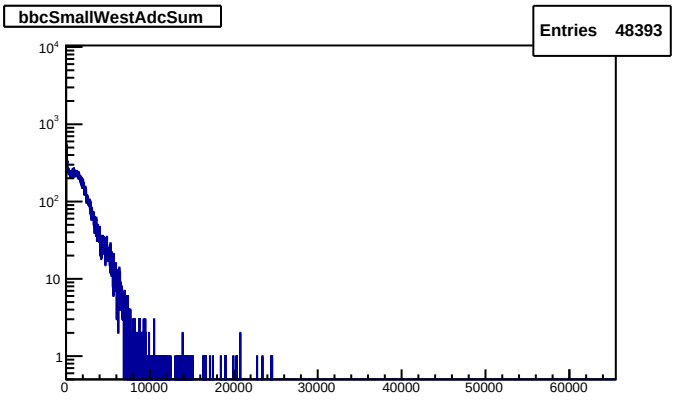

EQ3 QTC
Entries 4645728
TADC
QT Input Channel

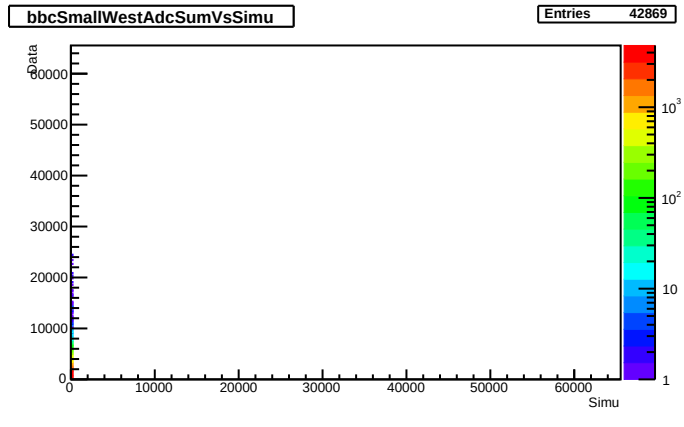

bbcSmallEastAdcSum
Entries 48393

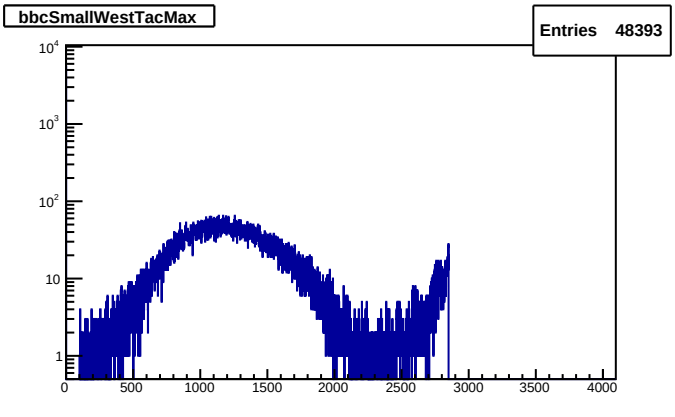

bbcSmallEastAdcSumVsSimu
Entries 36851
Data
Simu

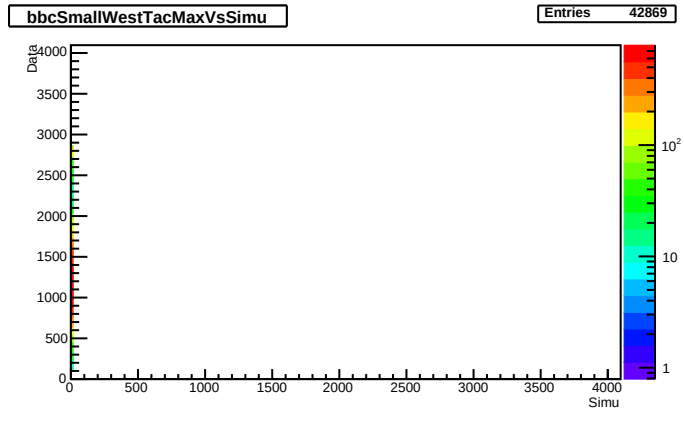

bbcSmallEastTacMax
Entries 48393

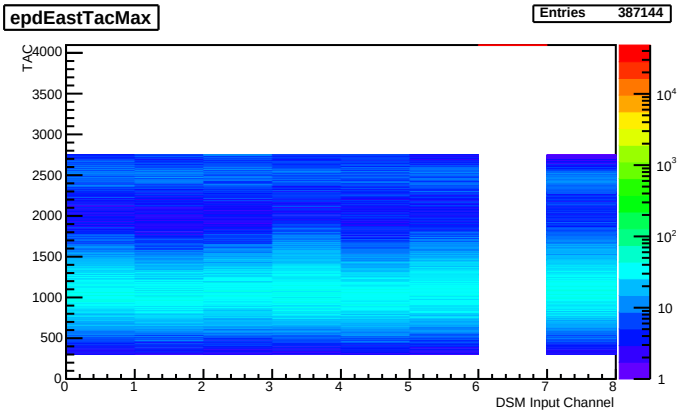

bbcSmallEastTacMaxVsSimu
Entries 36851
Data
Simu

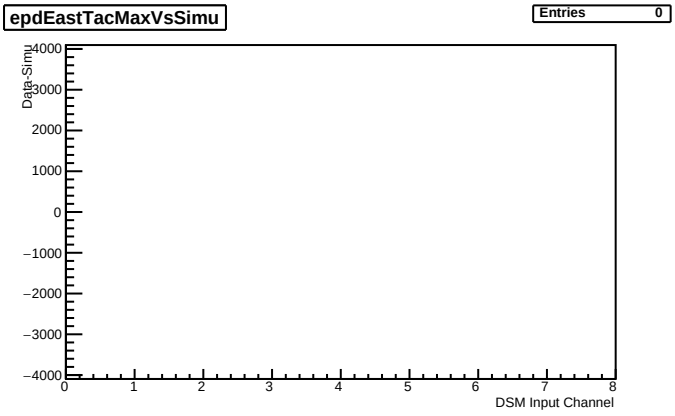

bbcSmallWestAdcSum
Entries 48393

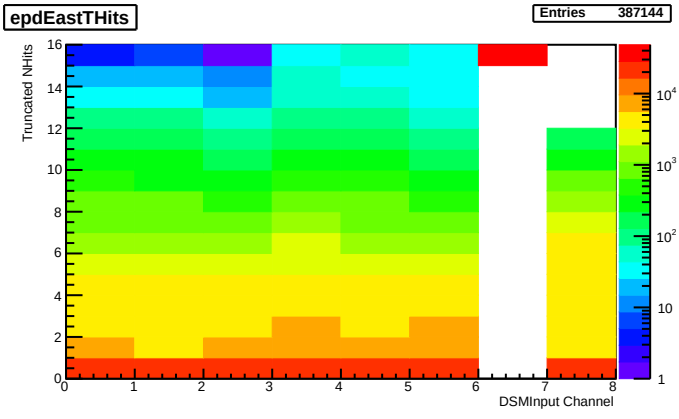

bbcSmallWestAdcSumVsSimu
Entries 42869
Data
Simu

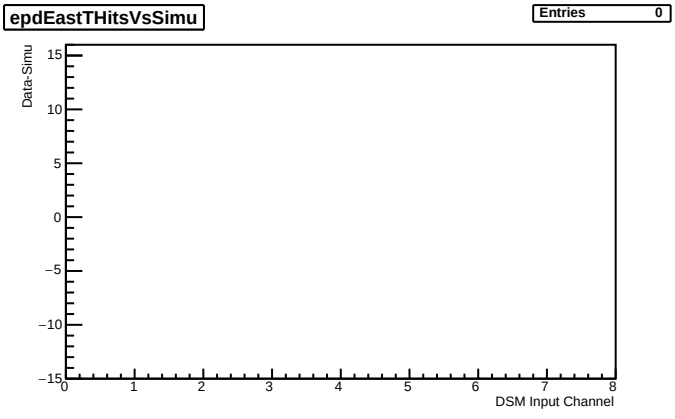

bbcSmallWestTacMax
Entries 48393

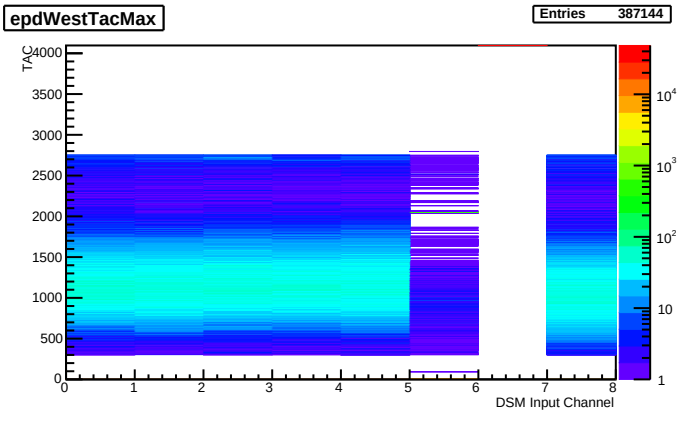

bbcSmallWestTacMaxVsSimu
Entries 42869
Data
Simu

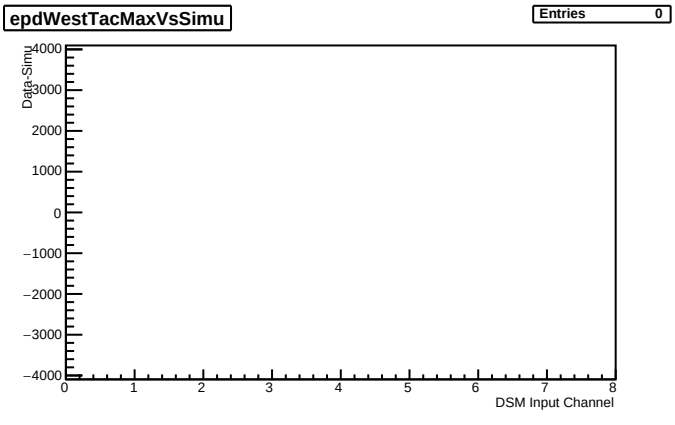

epdEastTacMax
Entries 387144
TAC
DSM Input Channel

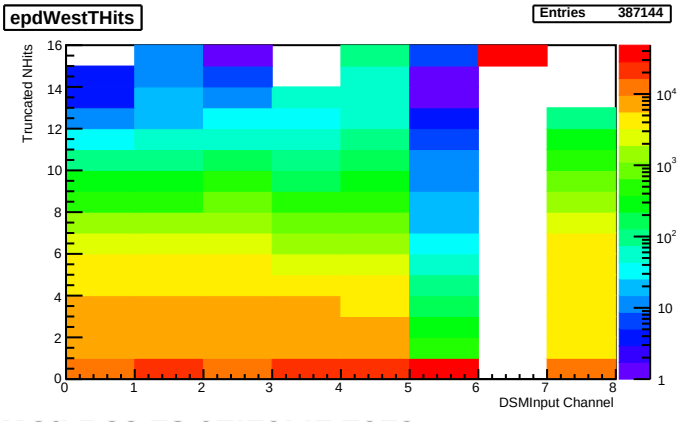

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

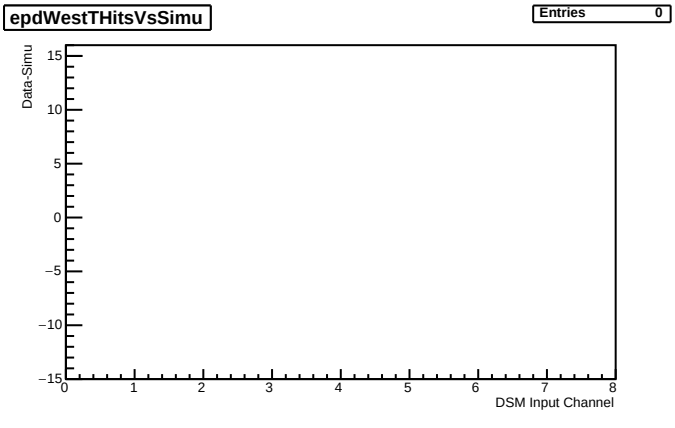

epdEastTHits
Entries 387144
Truncated NHits
DSMInput Channel

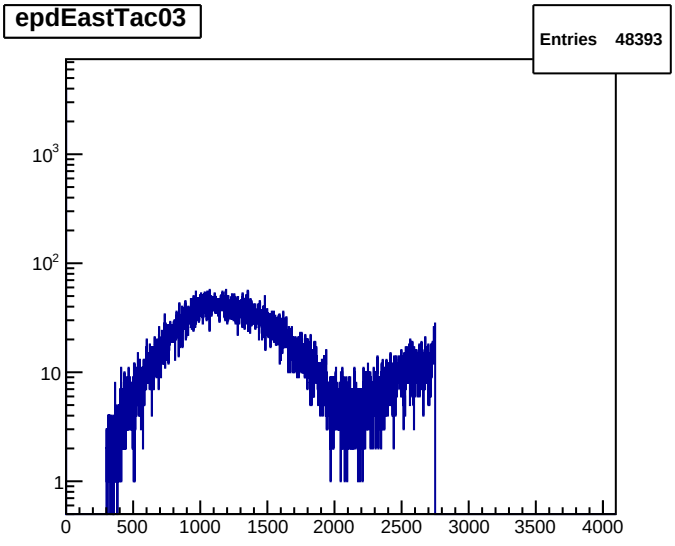

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

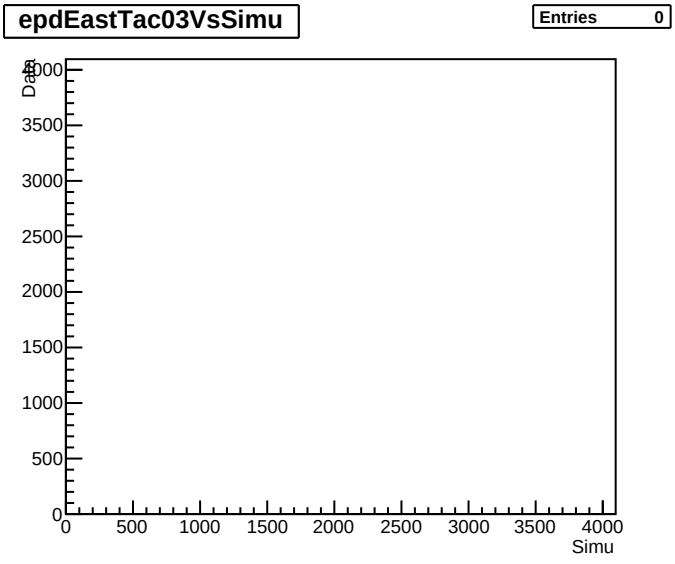

epdWestTacMax
Entries 387144
TAC
DSM Input Channel

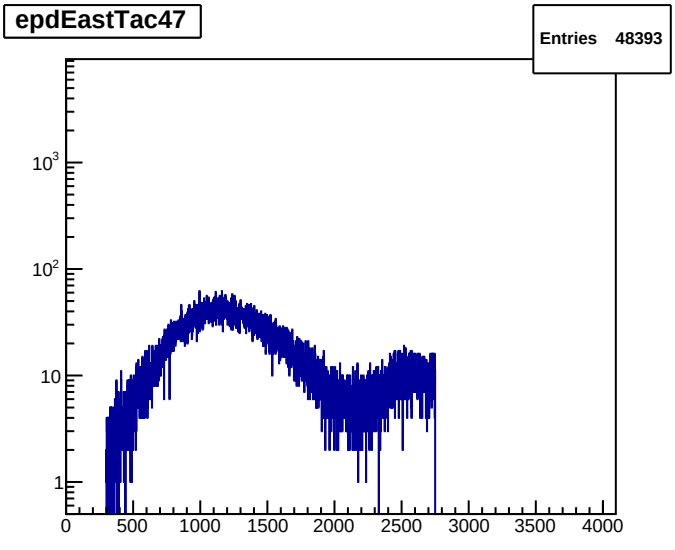

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

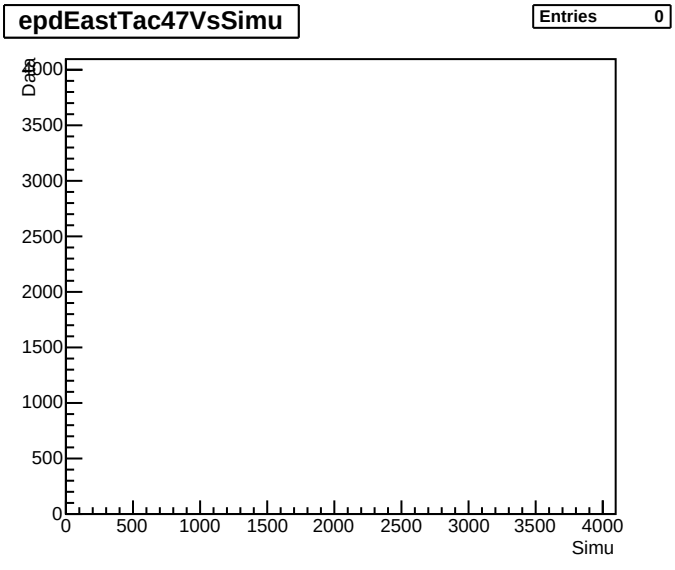

epdWestTHits
Entries 387144
Truncated NHits
DSMInput Channel

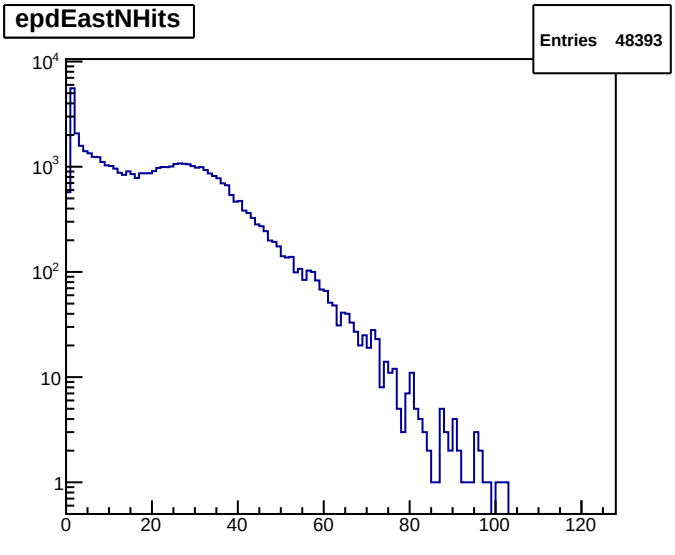

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

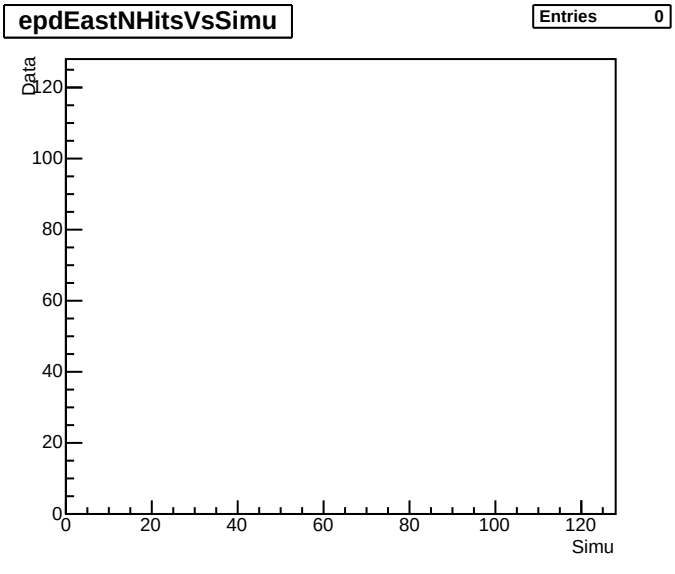

epdEastTac03
Entries 48393

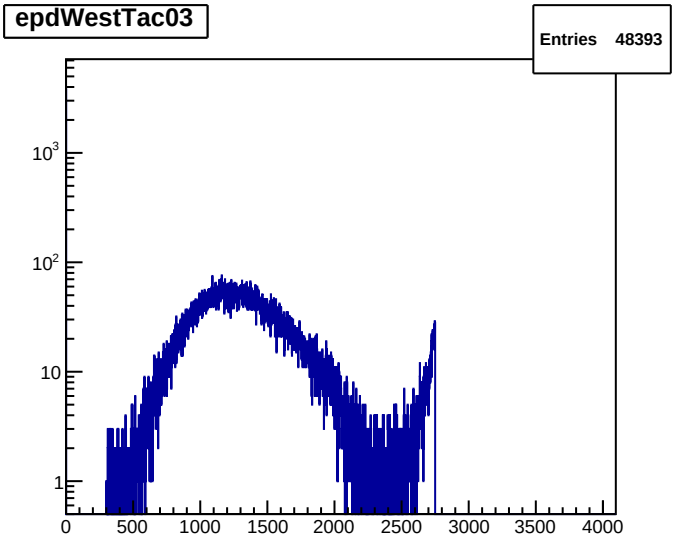

epdEastTac03VsSimu
Entries 0
Data
Simu

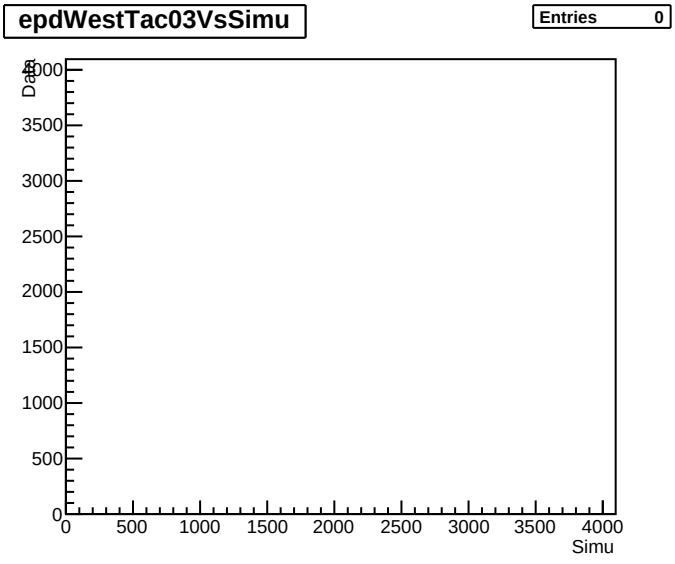

epdEastTac47
Entries 48393

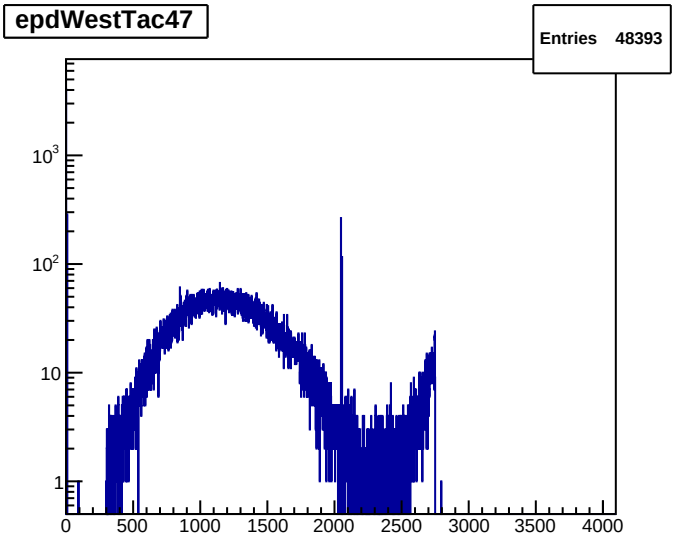

epdEastTac47VsSimu
Entries 0
Data
Simu

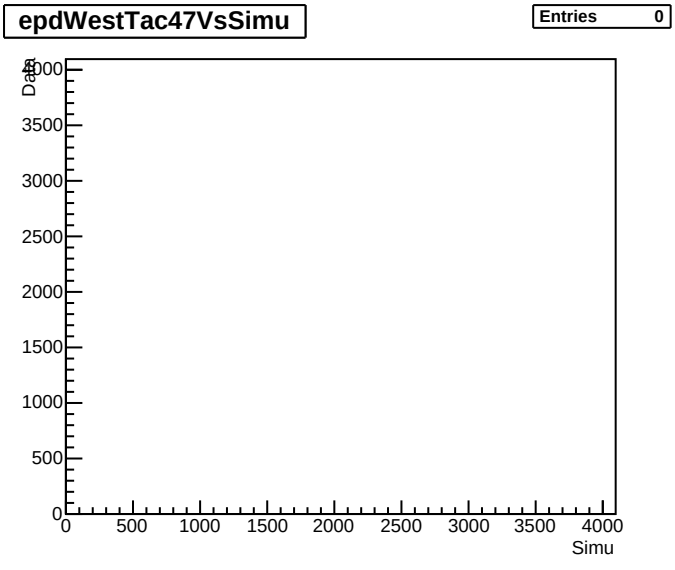

epdEastNHits
Entries 48393

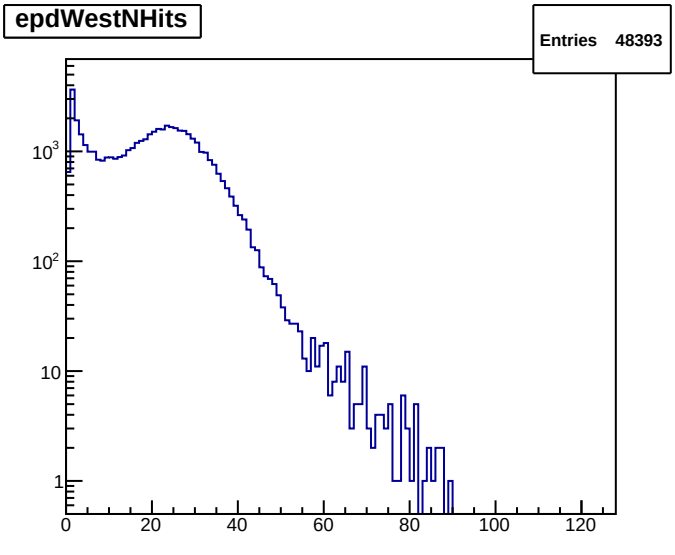

epdEastNHitsVsSimu
Entries 0
Data
Simu

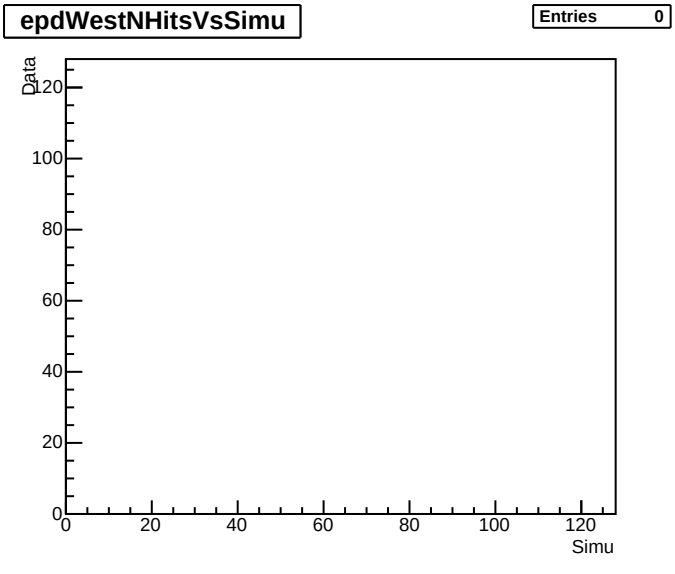

epdWestTac03
Entries 48393

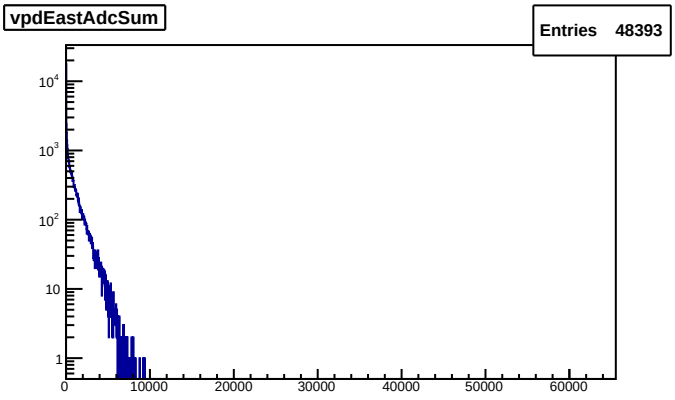

epdWestTac03VsSimu
Entries 0
Data
Simu

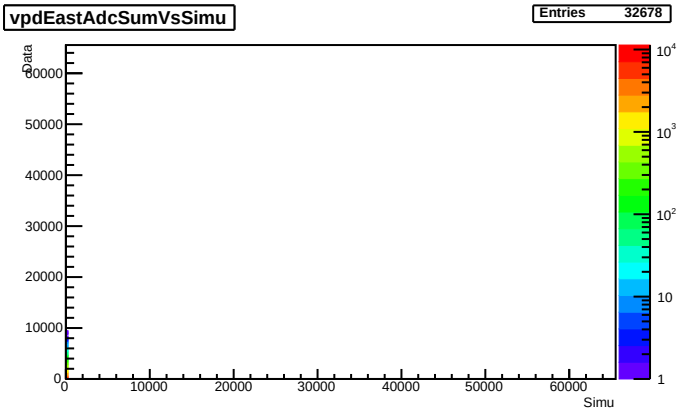

epdWestTac47
Entries 48393

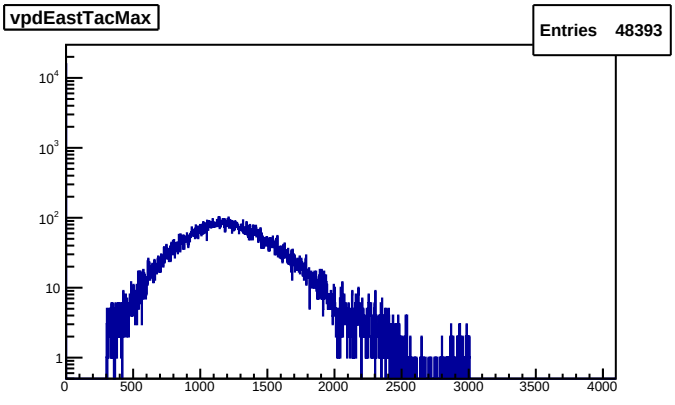

epdWestTac47VsSimu
Entries 0
Data
Simu

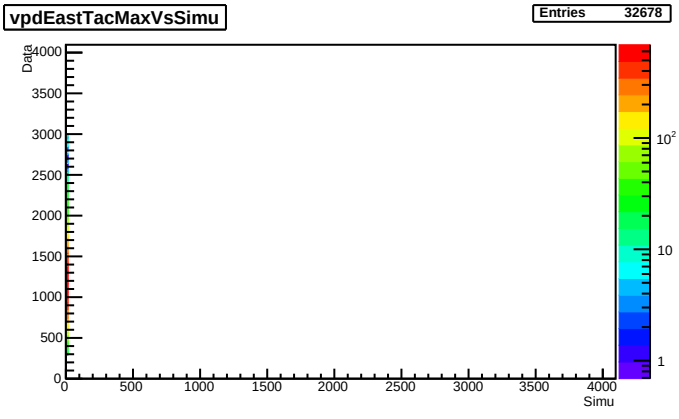

epdWestNHits
Entries 48393

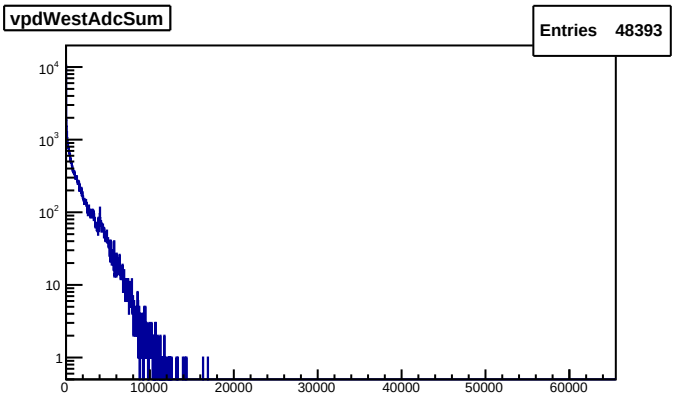

epdWestNHitsVsSimu
Entries 0
Data
Simu

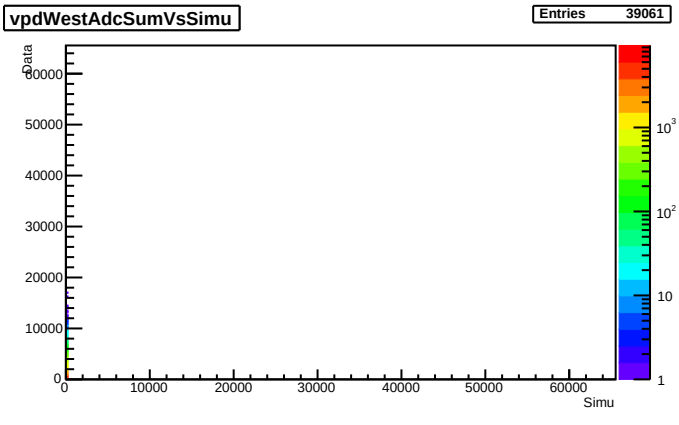

vpdEastAdcSum
Entries 48393

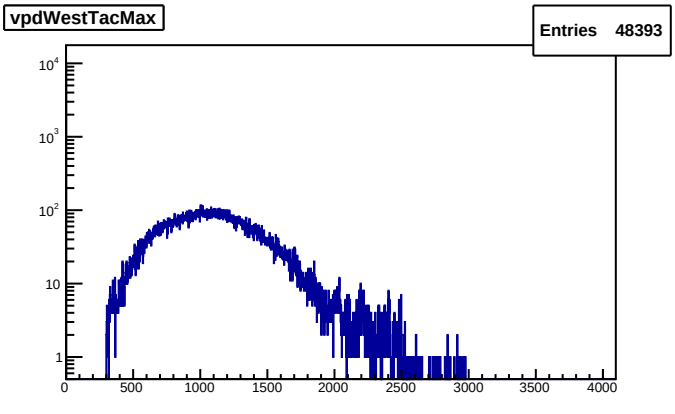

vpdEastAdcSumVsSimu
Entries 32678
Data
Simu

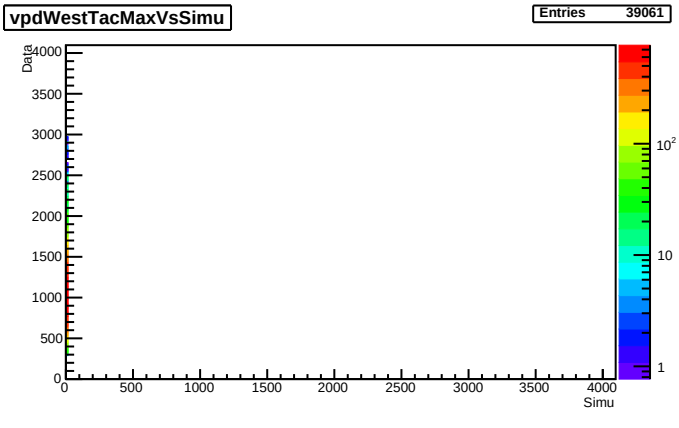

vpdEastTacMax
Entries 48393

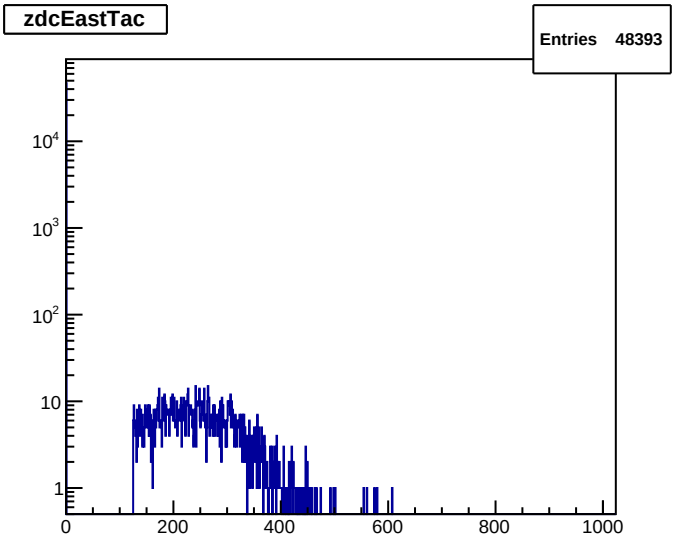

vpdEastTacMaxVsSimu
Entries 32678
Data
Simu

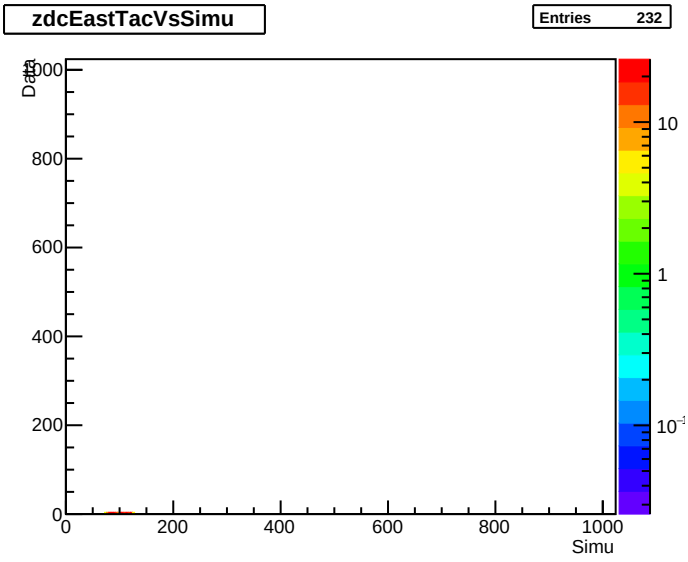

vpdWestAdcSum
Entries 48393

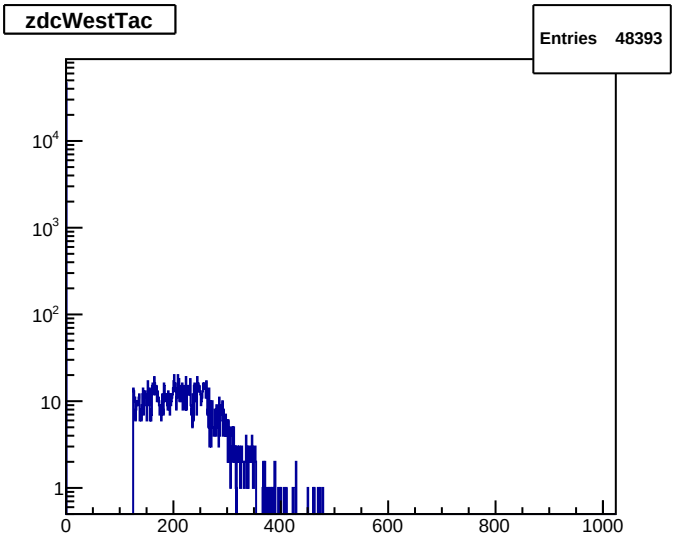

vpdWestAdcSumVsSimu
Entries 39061
Data
Simu

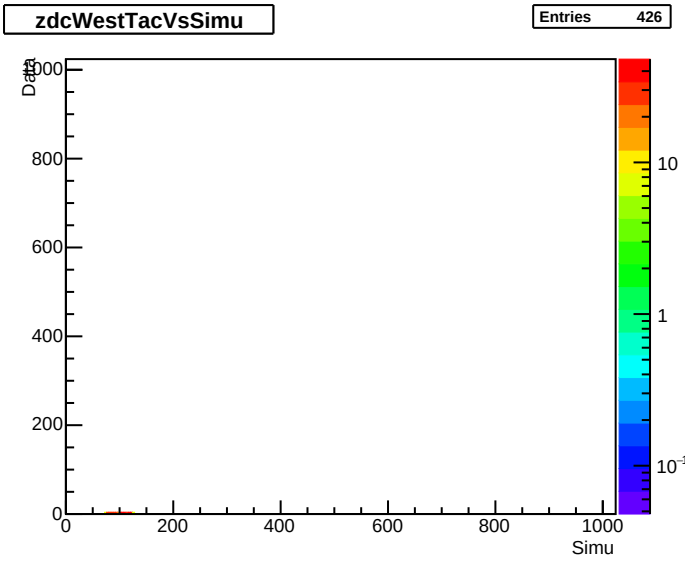

vpdWestTacMax
Entries 48393

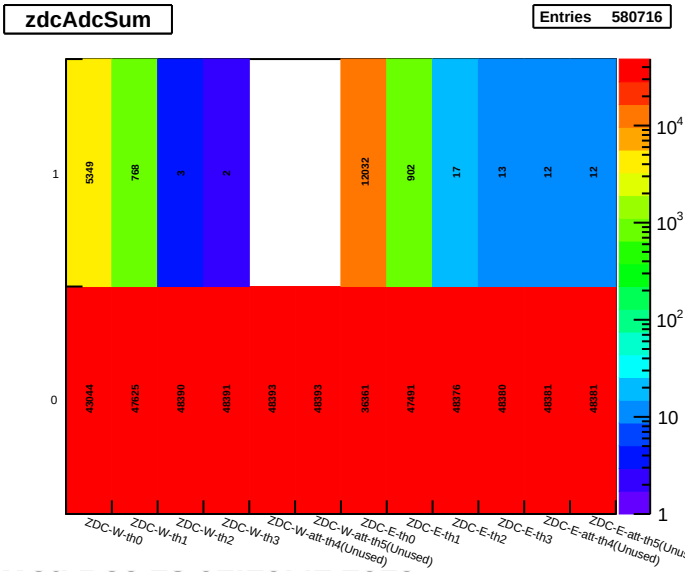

vpdWestTacMaxVsSimu
Entries 39061
Data
Simu

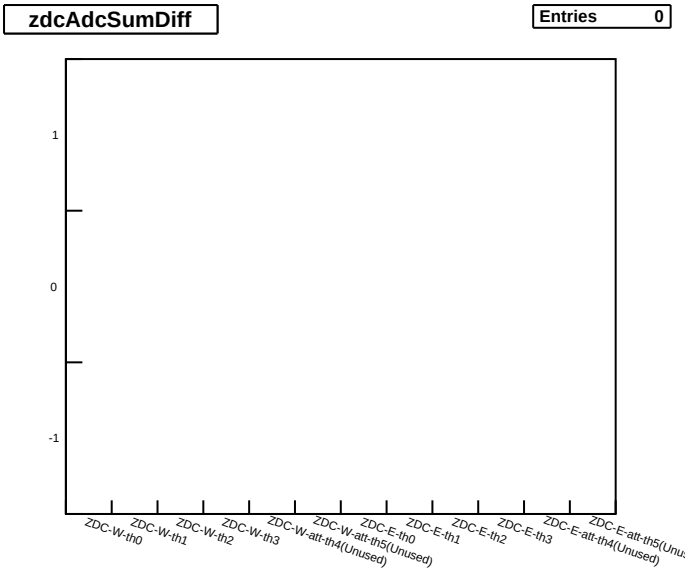

zdcEastTac
Entries 48393

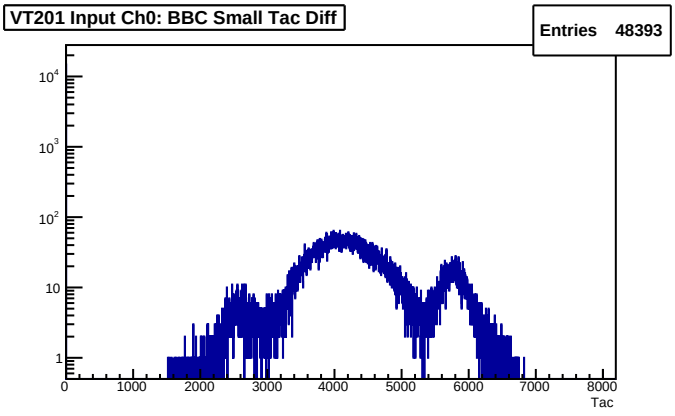

zdcEastTacVsSimu
Entries 232
Data
Simu

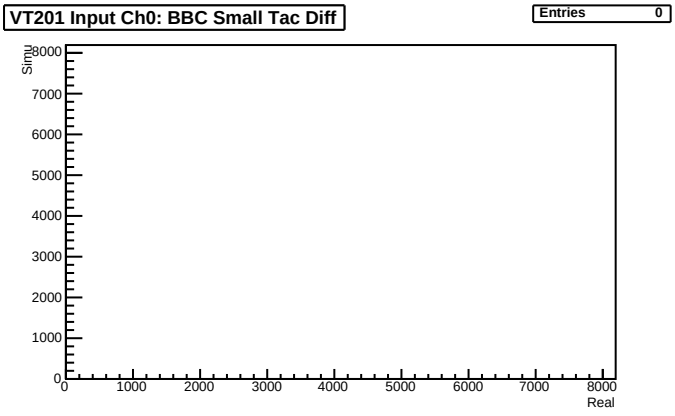

zdcWestTac
Entries 48393

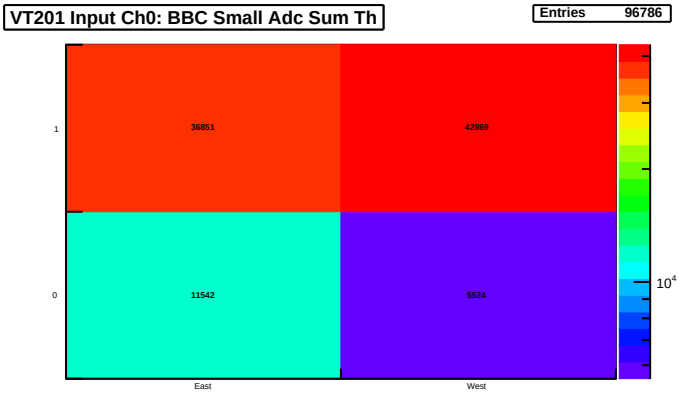

zdcWestTacVsSimu
Entries 426
Data
Simu

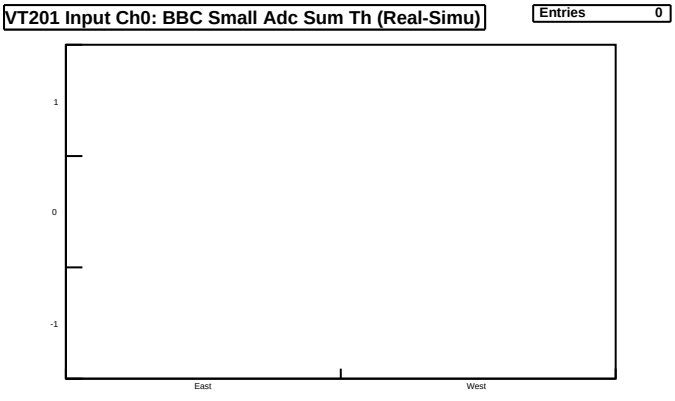

zdcAdcSum
Entries 580716
5349
768
3
2
12032
902
17
13
12
12
43044
47625
48390
48391
48393
48393
36361
47491
48376
48380
48381
48381
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

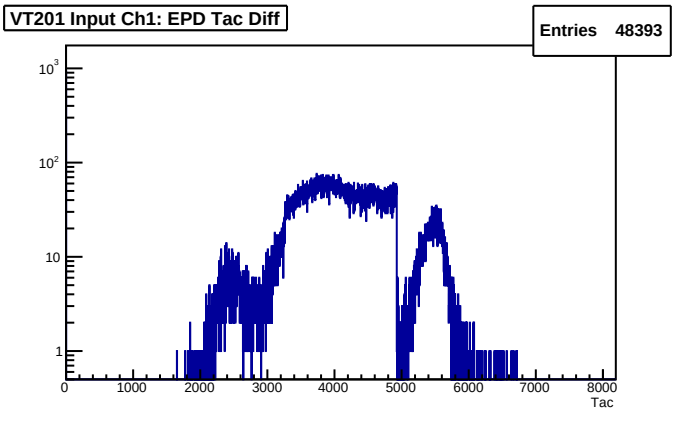

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

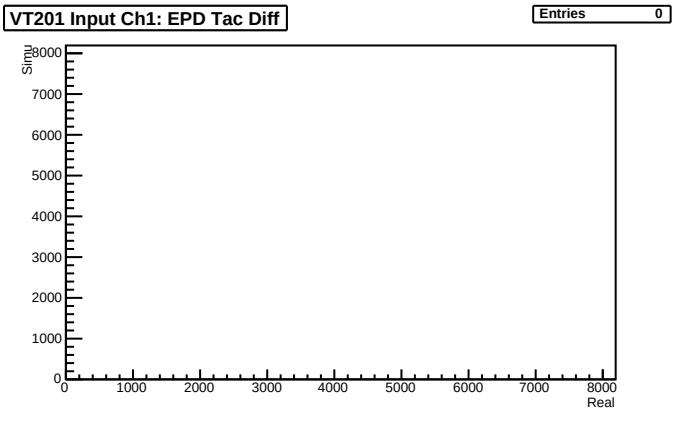

VT201 Input Ch0: BBC Small Tac Diff
Entries 48393
Tac

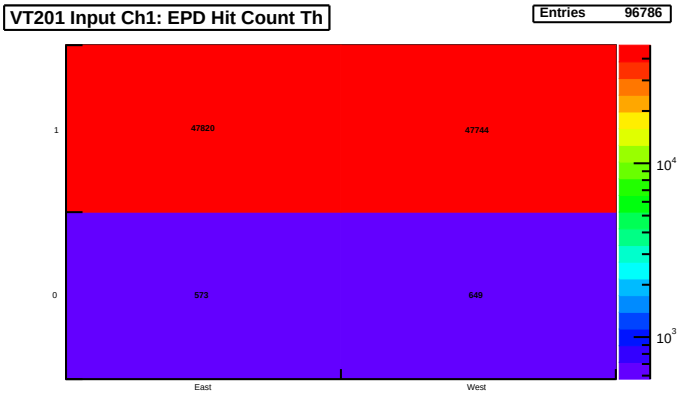

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

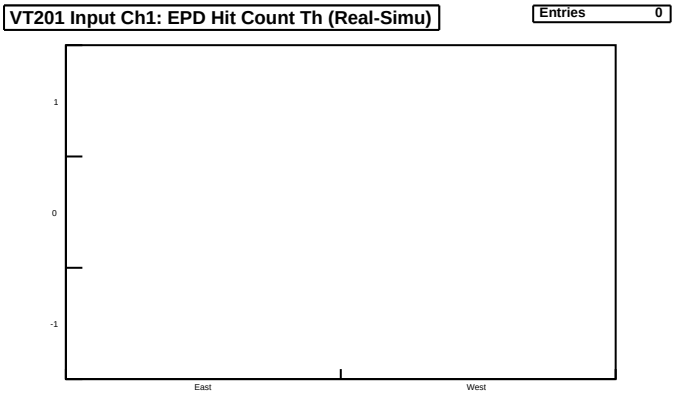

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 96786
36851
42869
11542
5524
East
West

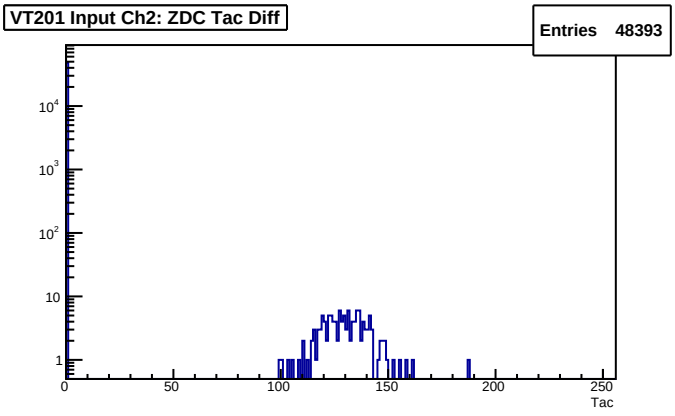

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

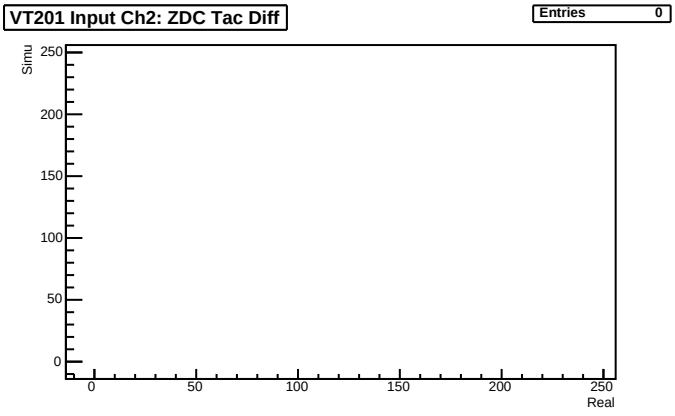

VT201 Input Ch1: EPD Tac Diff
Entries 48393
Tac

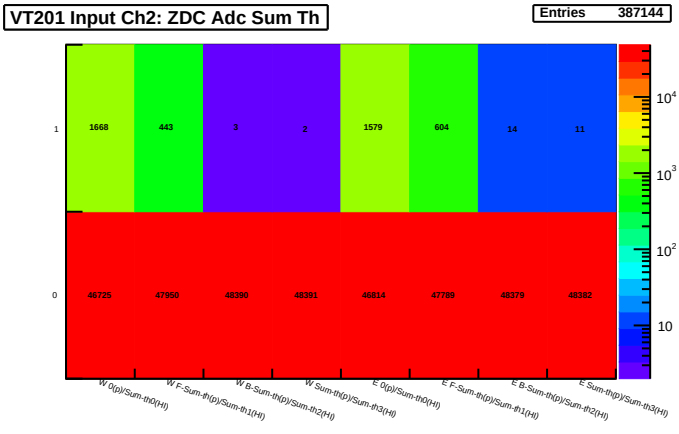

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

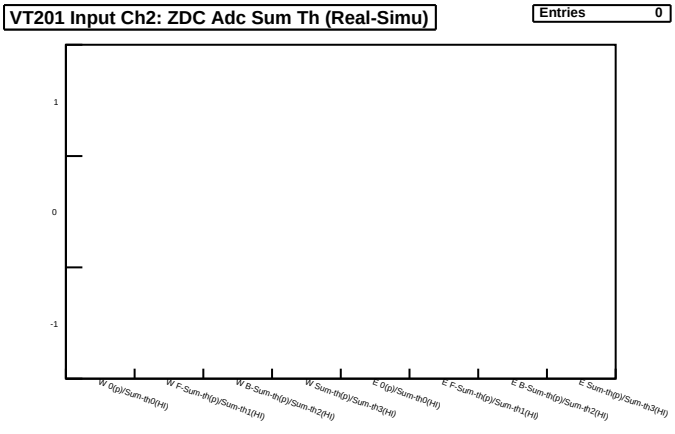

VT201 Input Ch1: EPD Hit Count Th
Entries 96786
47820
47744
573
649
East
West

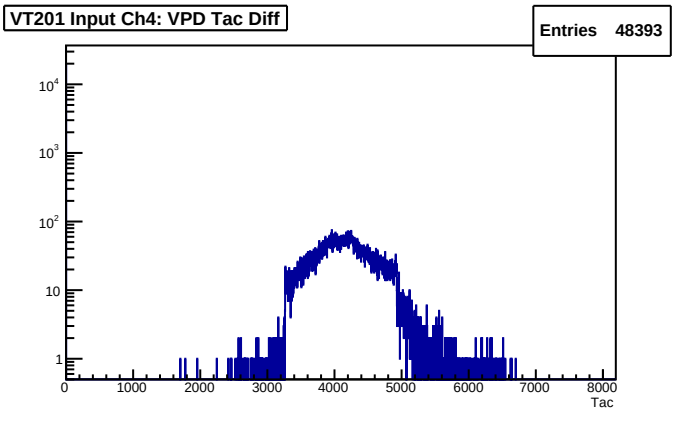

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

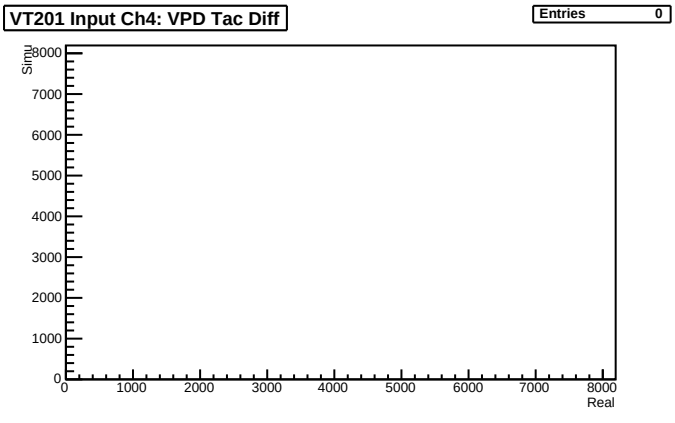

VT201 Input Ch2: ZDC Tac Diff
Entries 48393
Tac

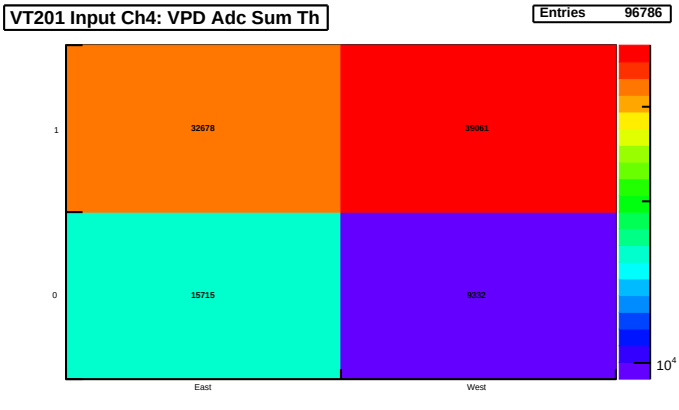

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

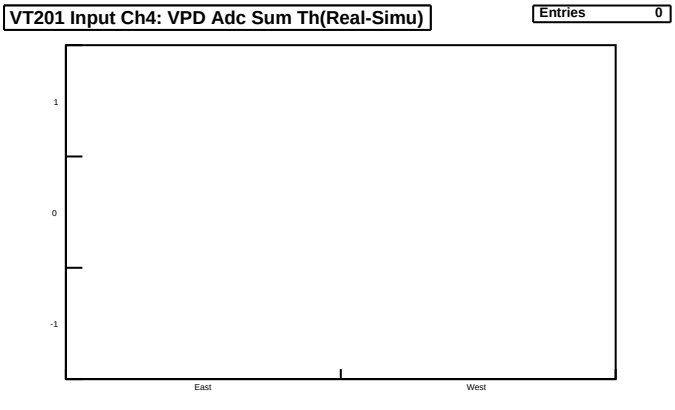

VT201 Input Ch2: ZDC Adc Sum Th
Entries 387144
1668
443
3
2
1579
604
14
11
46725
47950
48390
48391
46814
47789
48379
48382
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

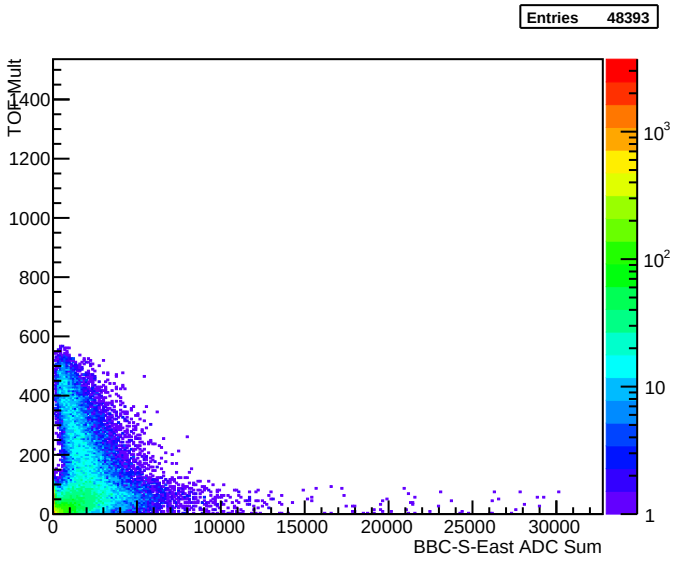

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

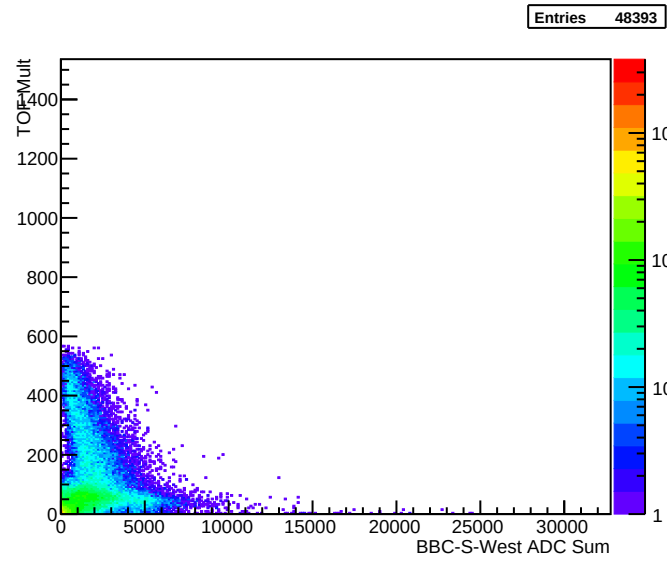

VT201 Input Ch4: VPD Tac Diff
Entries 48393
Tac

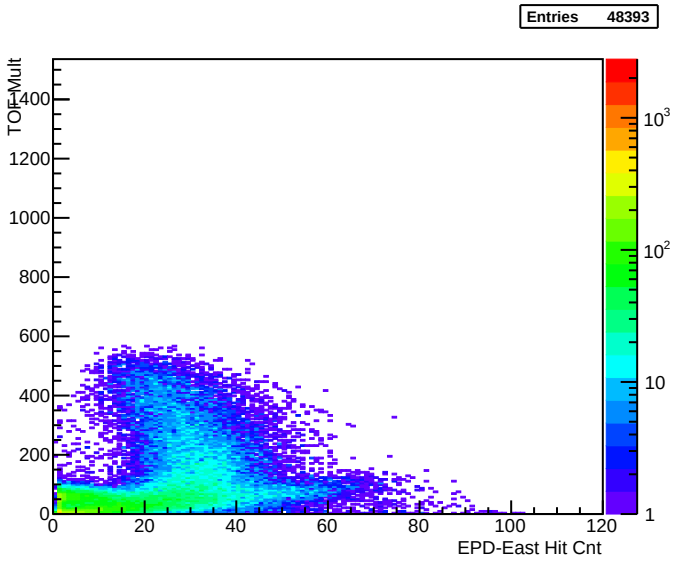

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

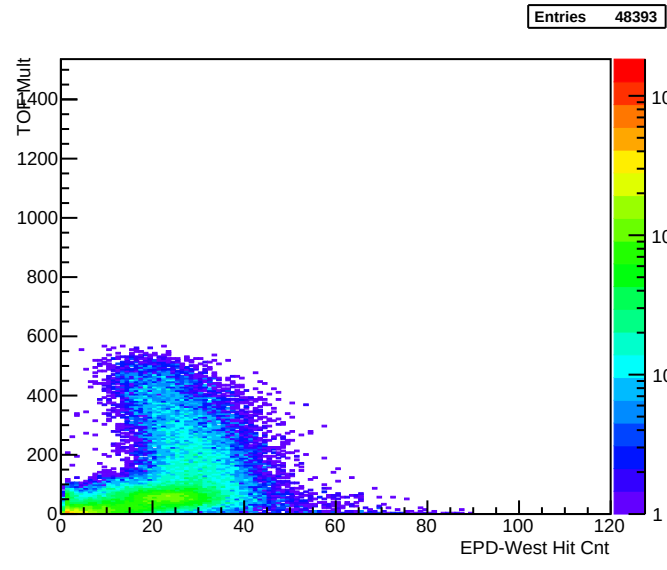

VT201 Input Ch4: VPD Adc Sum Th
Entries 96786
32678
39061
15715
9332
East
West

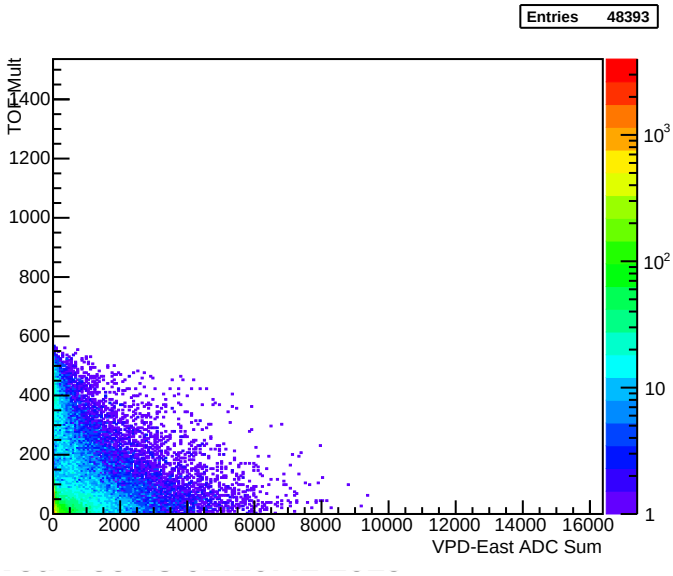

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

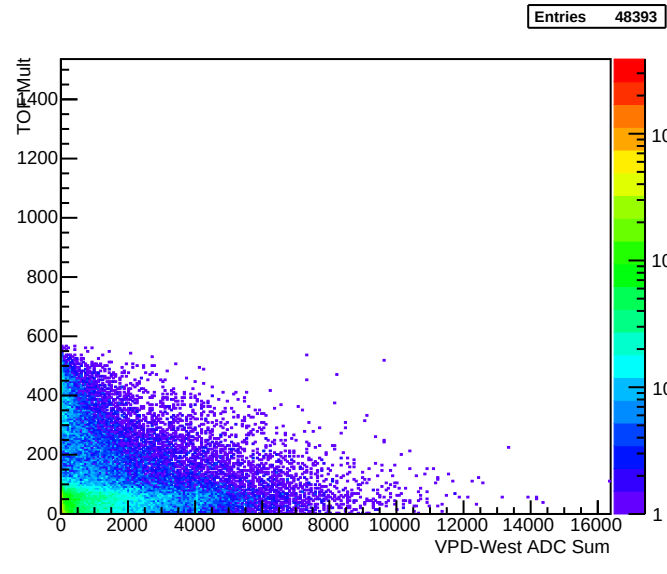

Entries 48393
TOF-Mult
BBC-S-East ADC Sum

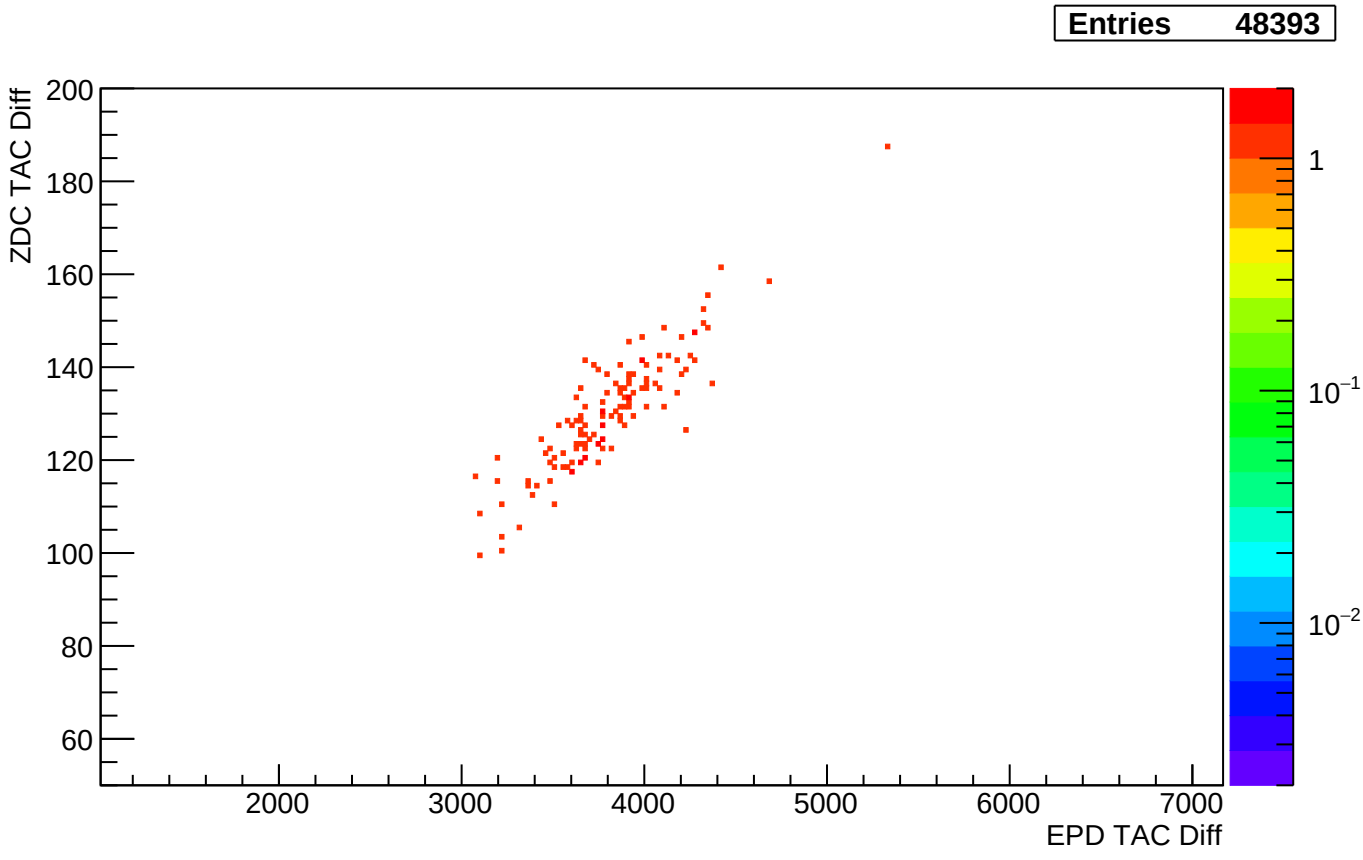

Entries 48393
TOF-Mult
BBC-S-West ADC Sum

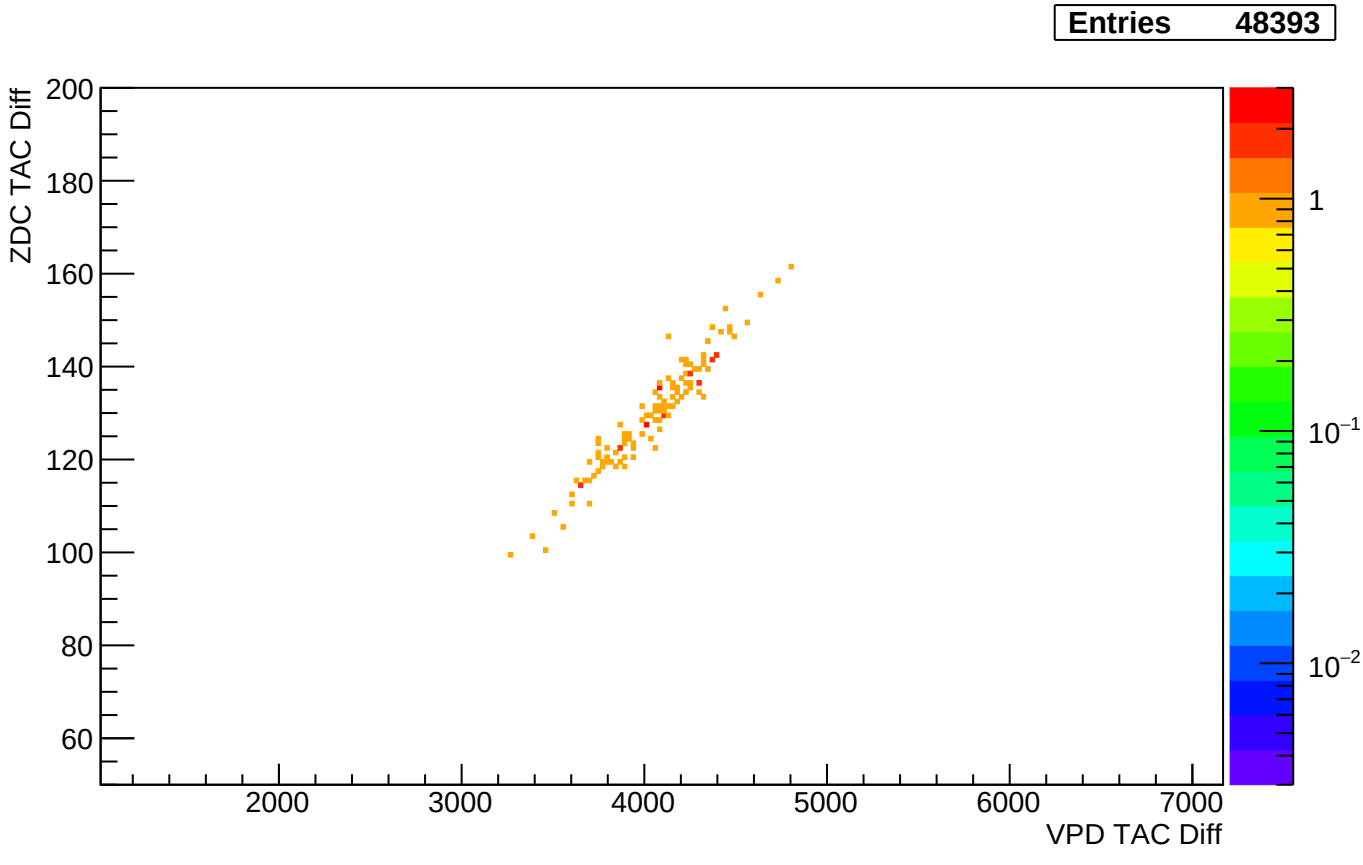

Entries 48393
TOF-Mult
EPD-East Hit Cnt

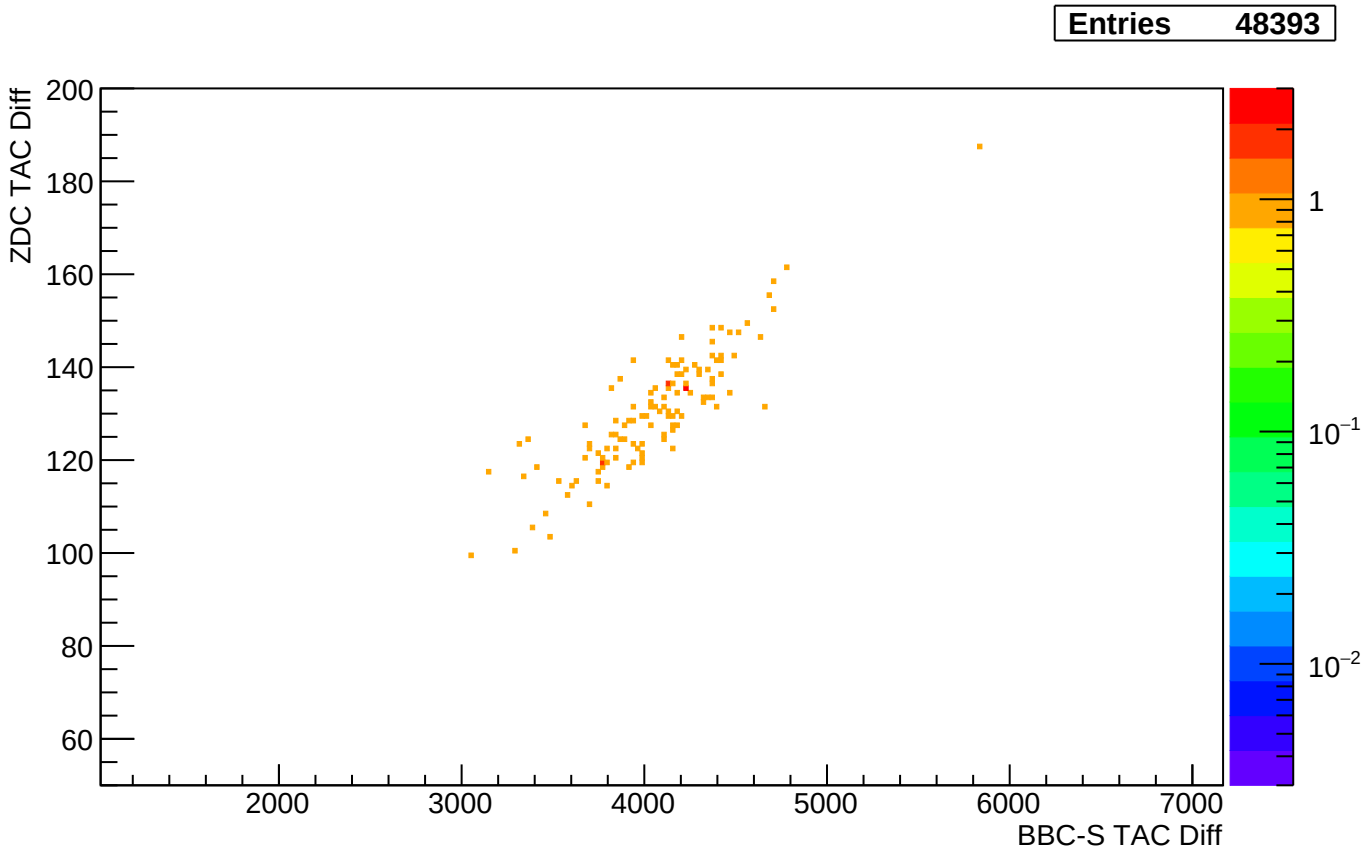

Entries 48393
TOF-Mult
EPD-West Hit Cnt

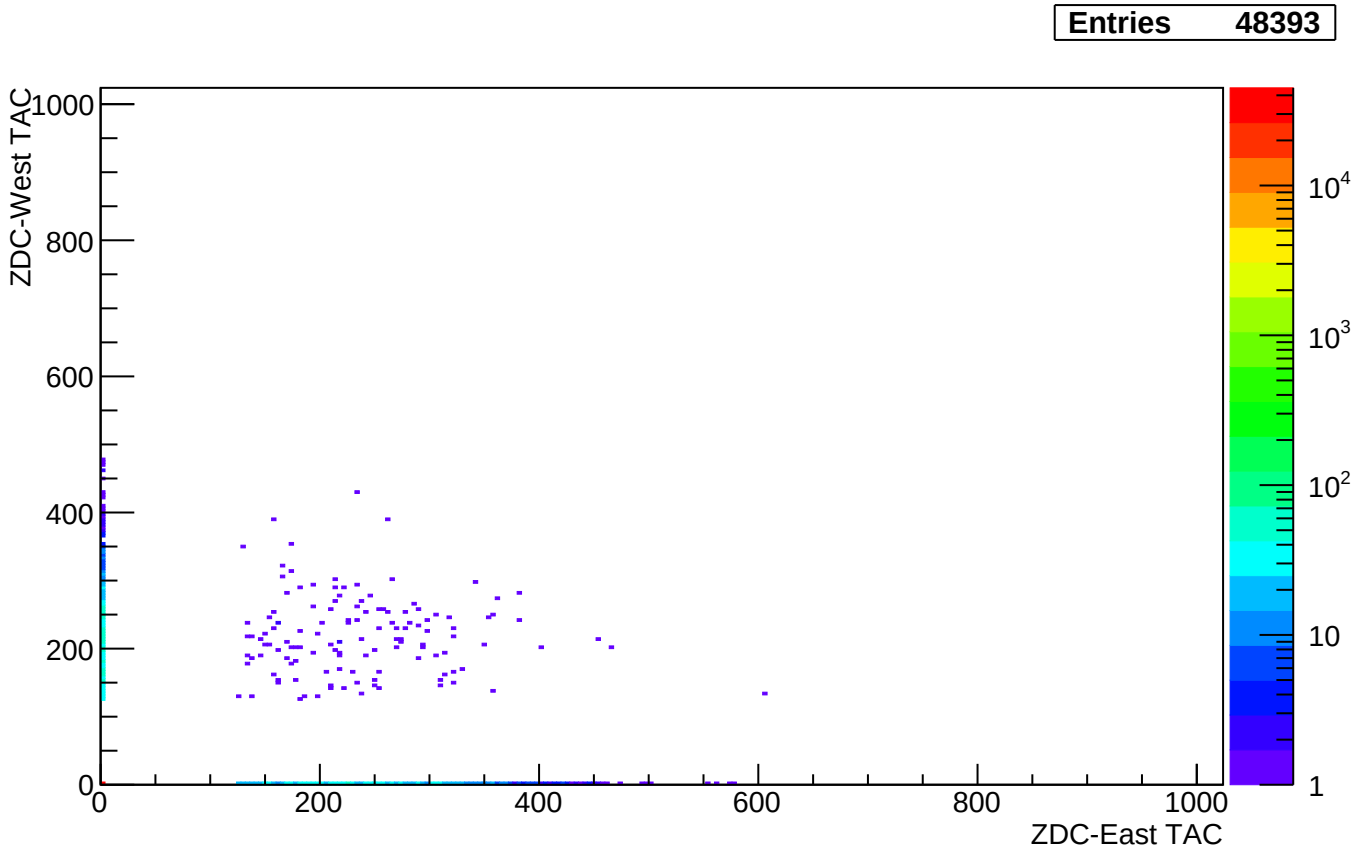

Entries 48393
TOF-Mult
VPD-East ADC Sum

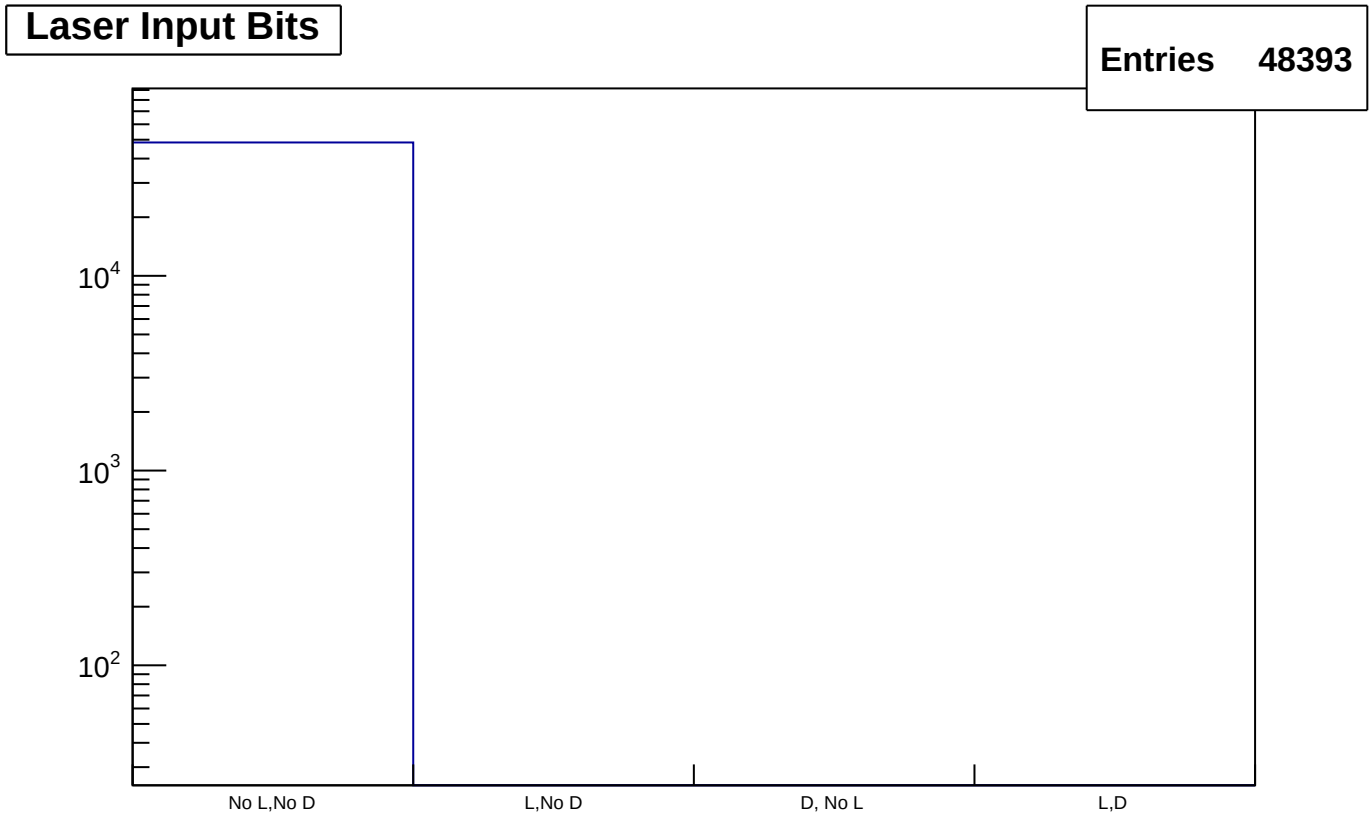

Entries 48393
TOF-Mult
VPD-West ADC Sum

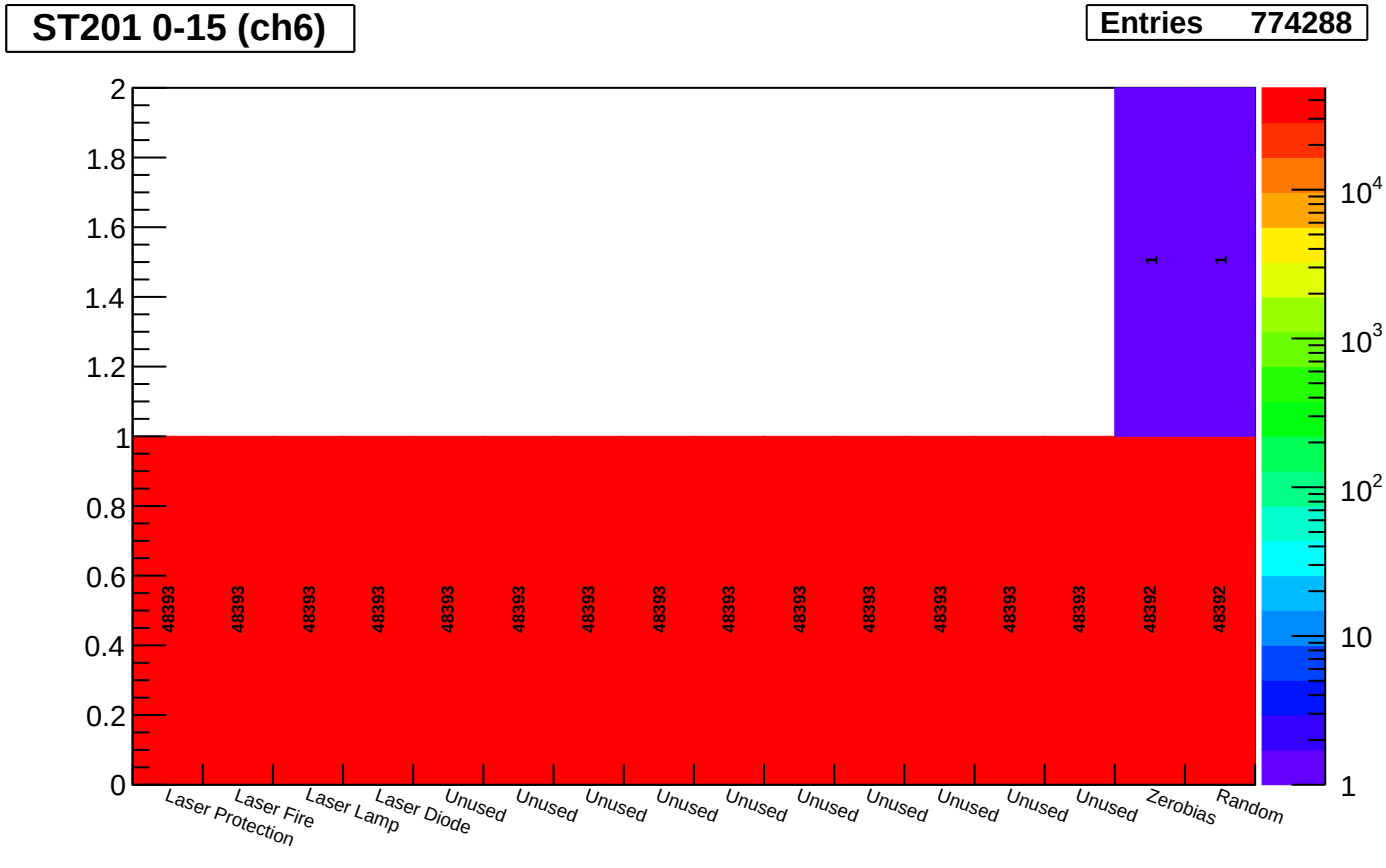

Entries 48393
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

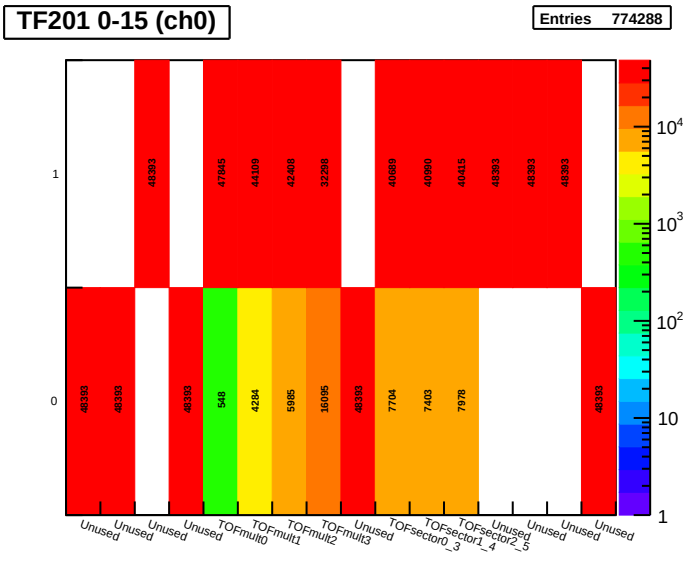

Entries 48393
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

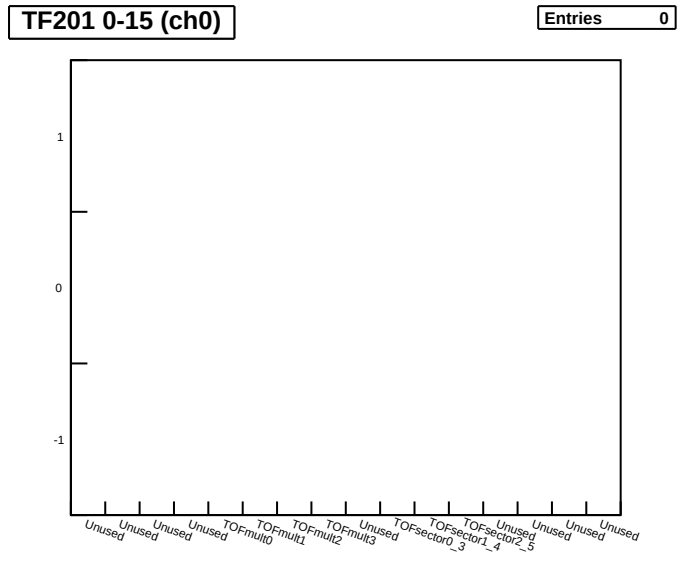

Entries 48393
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

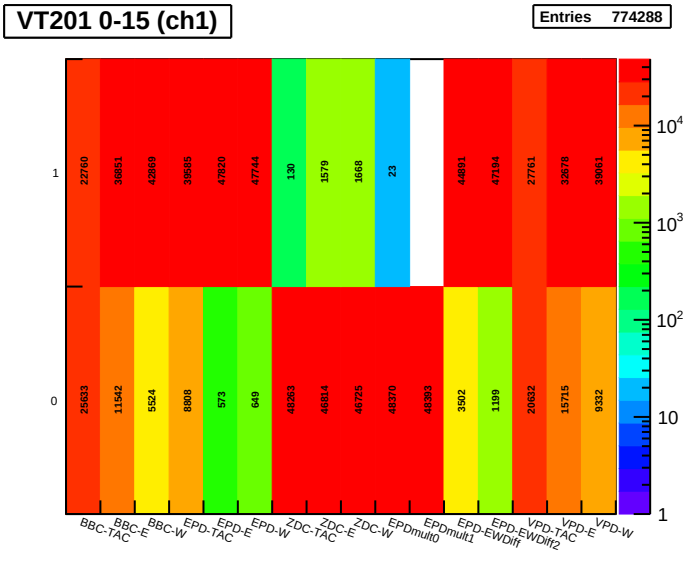

Entries 48393
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

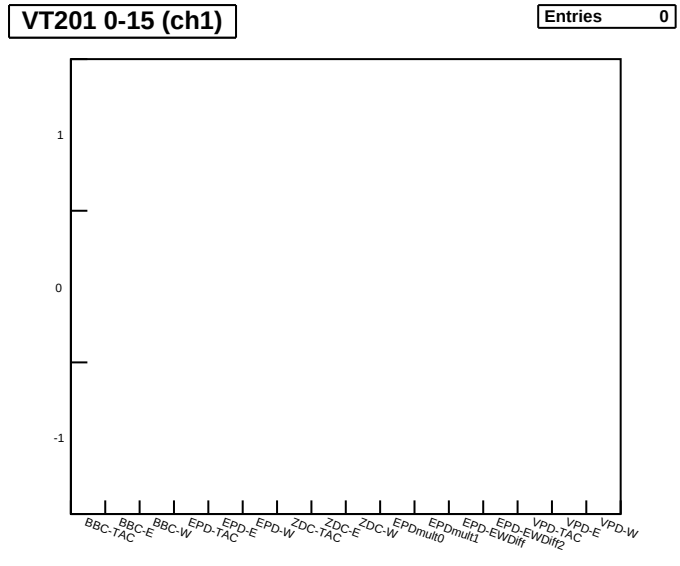

Laser Input Bits
Entries 48393
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

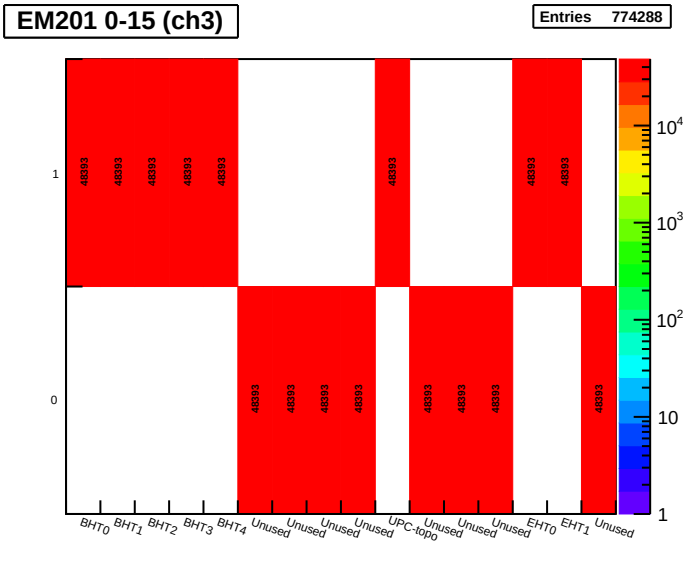

ST201 0-15 (ch6)
Entries 774288
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
48393
48392
1
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

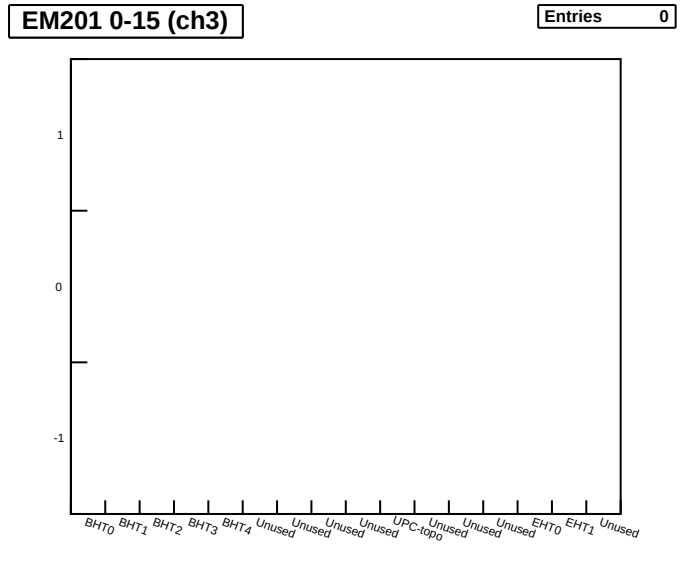

TF201 0-15 (ch0)
Entries 774288
1
0
48393
47845
44109
42408
32298
40689
40990
40415
48393
48393
48393
48393
48393
48393
548
4284
5985
16095
48393
7704
7403
7978
48393
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^4
10^3
10^2
10
1


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 774288
1
0
22760
38851
42669
35585
47620
47744
130
1579
1668
23
44891
47194
27761
32678
39061
25633
11542
5524
8808
573
649
48263
46814
46725
48370
48393
3502
1199
20632
15715
9332
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
10^4
10^3
10^2
10
1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 774288
1
0
48393
48393
48393
48393
48393
48393
48393
48393
48393
48393
48393
48393
48393
48393
48393
48393
48393
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^4
10^3
10^2
10
1


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