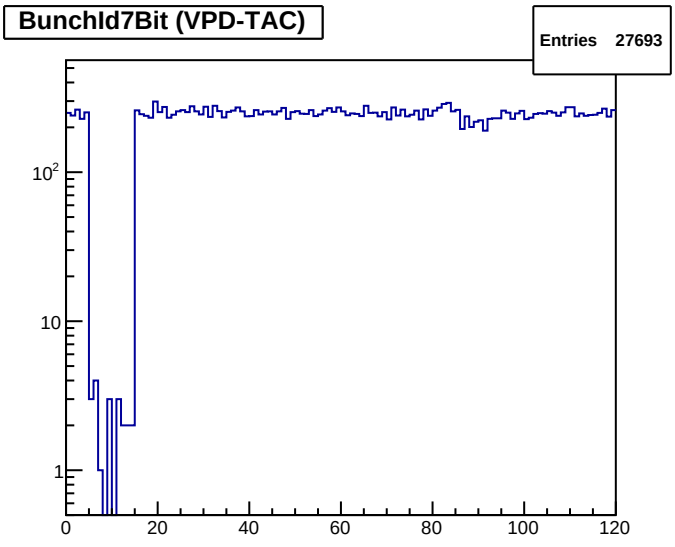
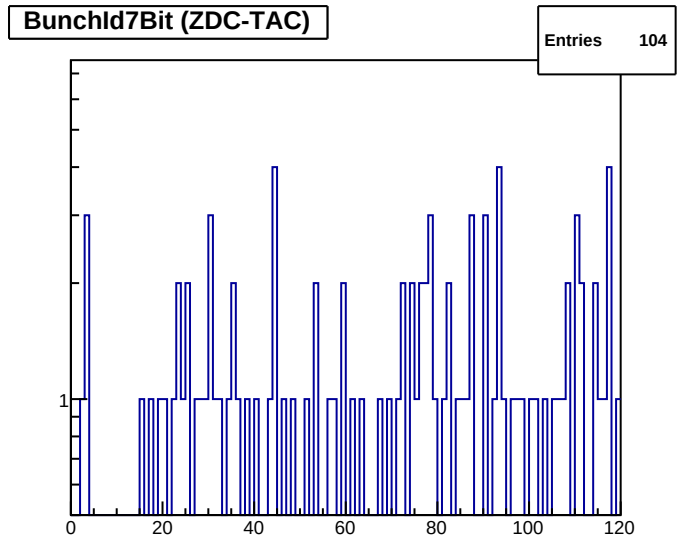
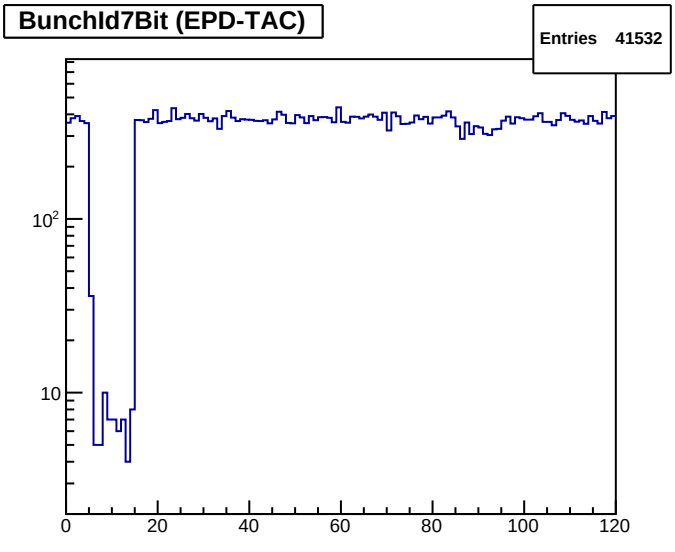
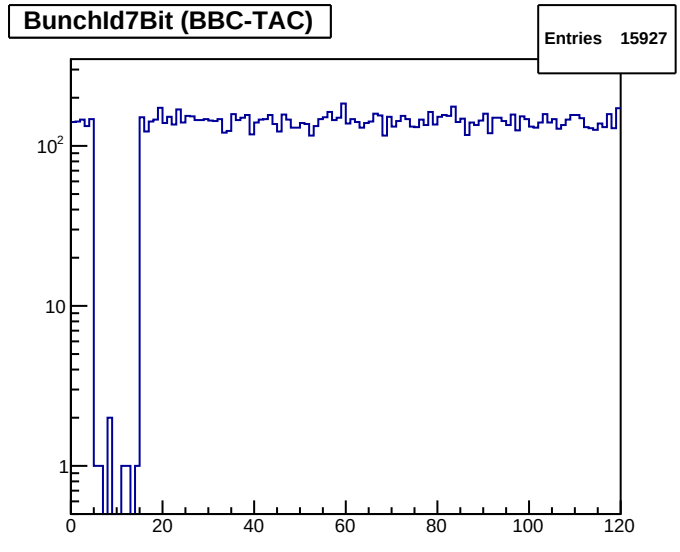
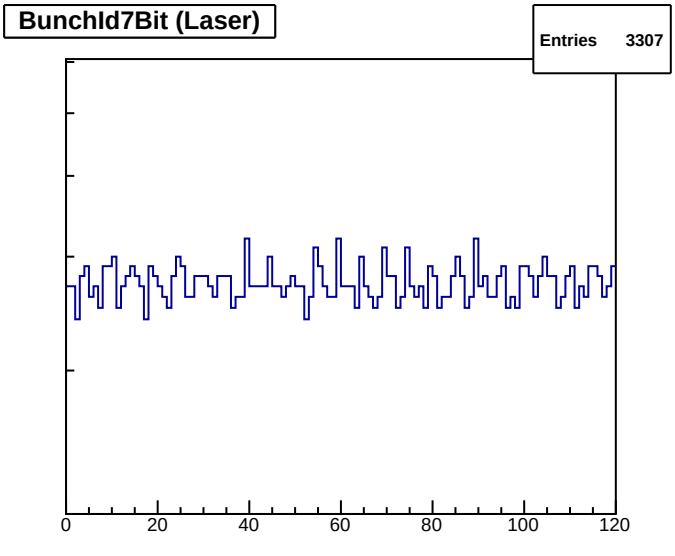
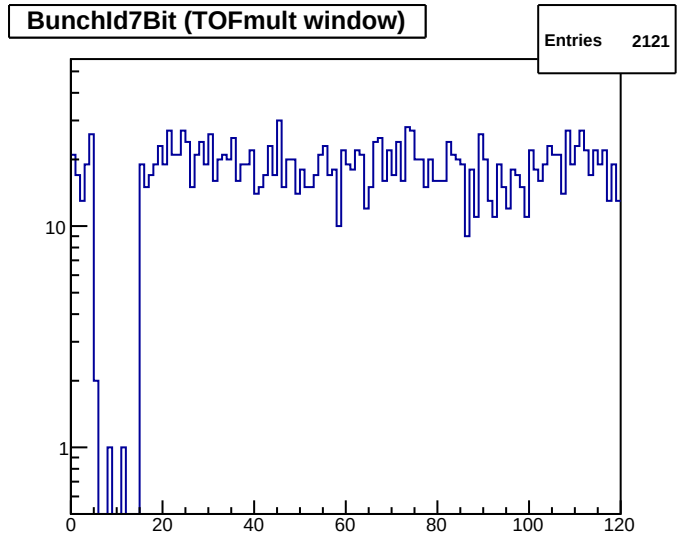

BunchId7Bit (VPD-TAC)
Entries 27693
10^2
10
1
0
20
40
60
80
100
120

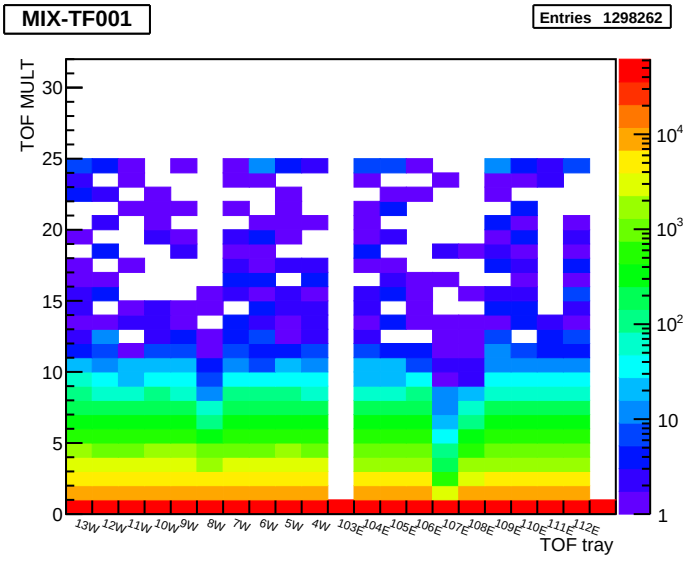

BunchId7Bit (ZDC-TAC)
Entries 104
1
0
20
40
60
80
100
120

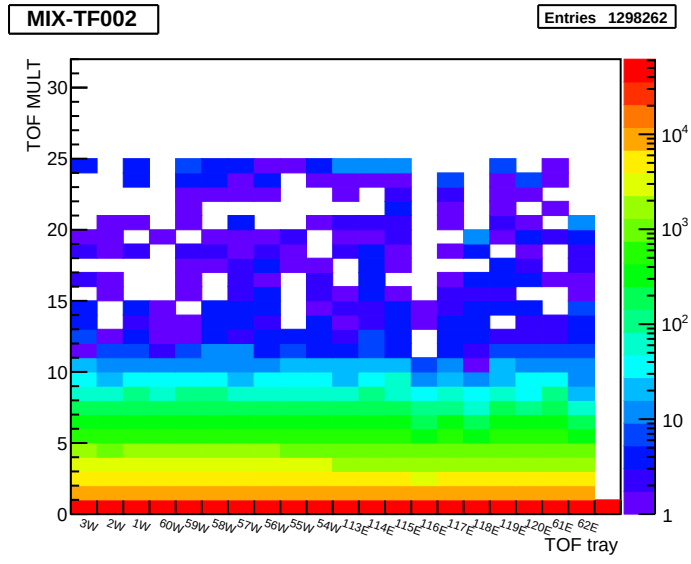

BunchId7Bit (EPD-TAC)
Entries 41532
10^2
10
0
20
40
60
80
100
120

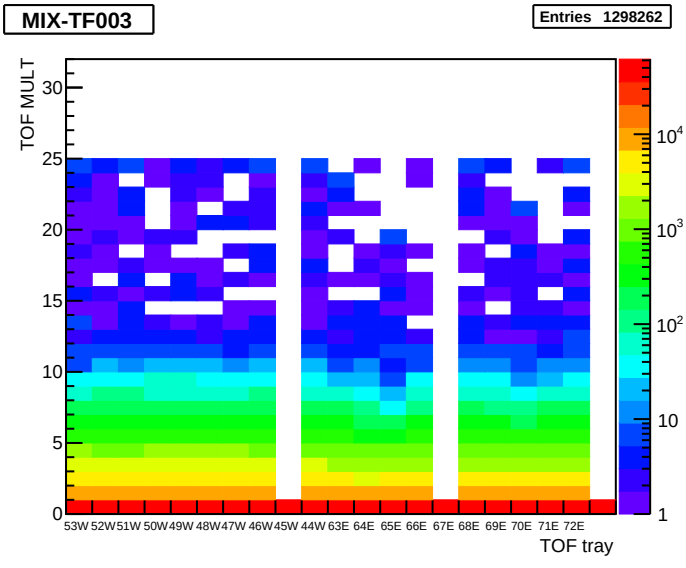

BunchId7Bit (BBC-TAC)
Entries 15927
10^2
10
1
0
20
40
60
80
100
120

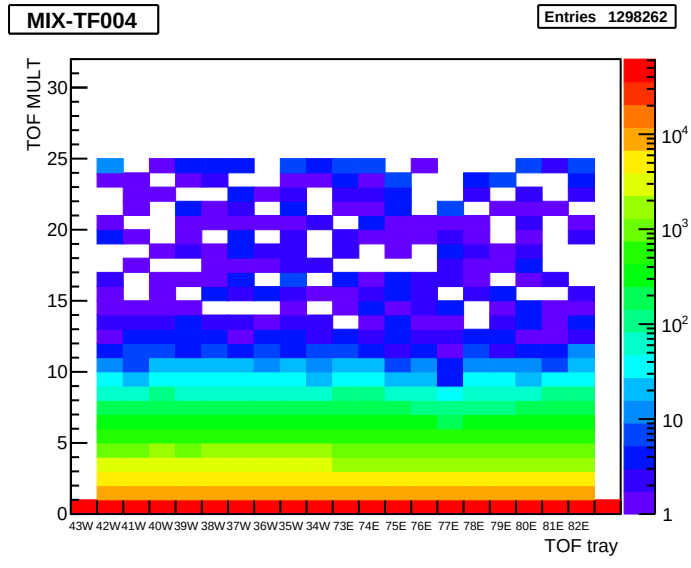

BunchId7Bit (Laser)
Entries 3307
0
20
40
60
80
100
120

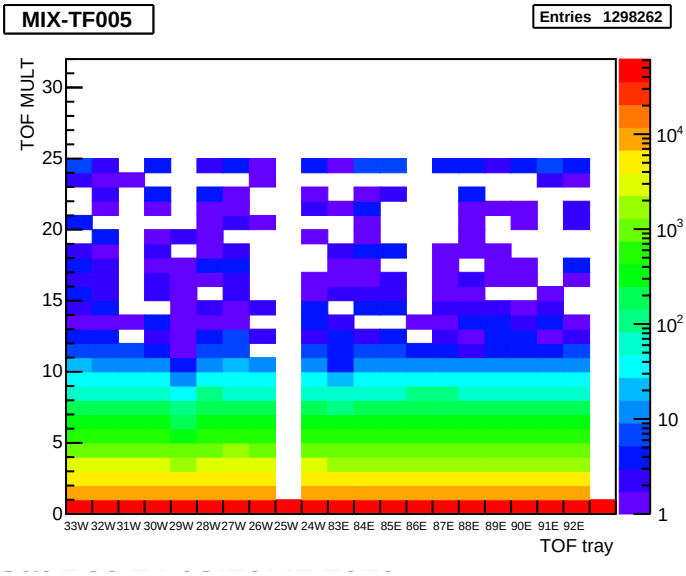

BunchId7Bit (TOFmult window)
Entries 2121
10
1
0
20
40
60
80
100
120

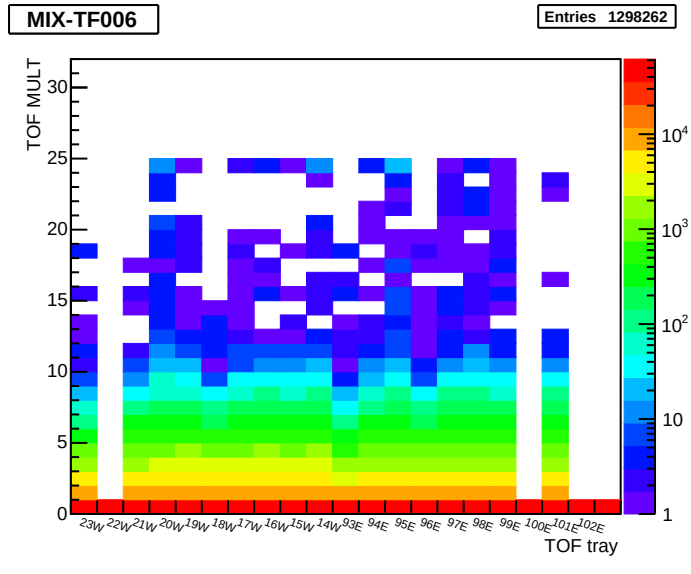

MIX-TF001
Entries 1298262
TOF MULT
TOF tray

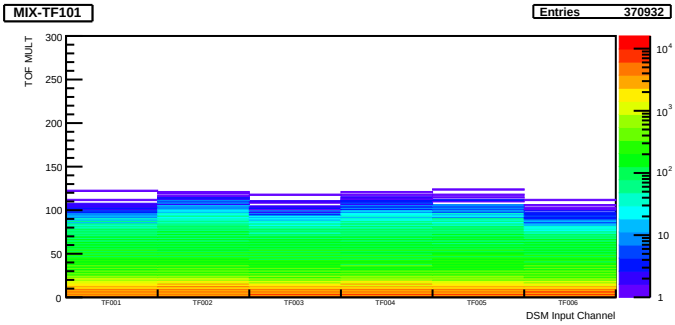

MIX-TF002
Entries 1298262
TOF MULT
TOF tray

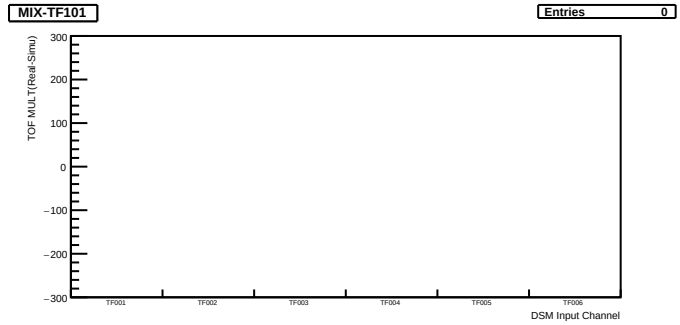

MIX-TF003
Entries 1298262
TOF MULT
TOF tray

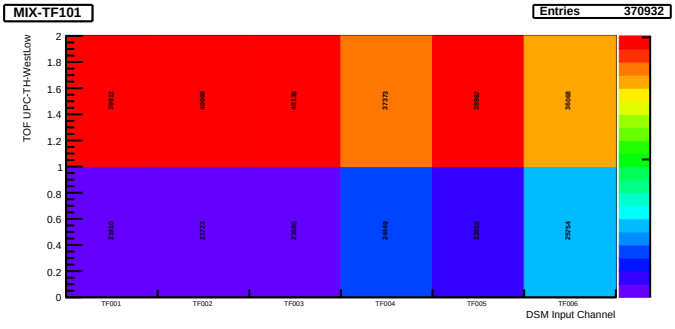

MIX-TF004
Entries 1298262
TOF MULT
TOF tray

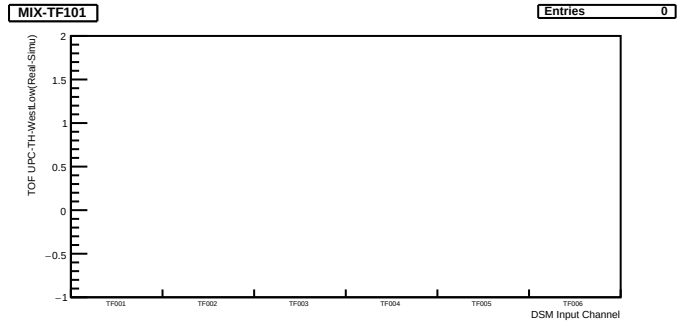

MIX-TF005
Entries 1298262
TOF MULT
TOF tray

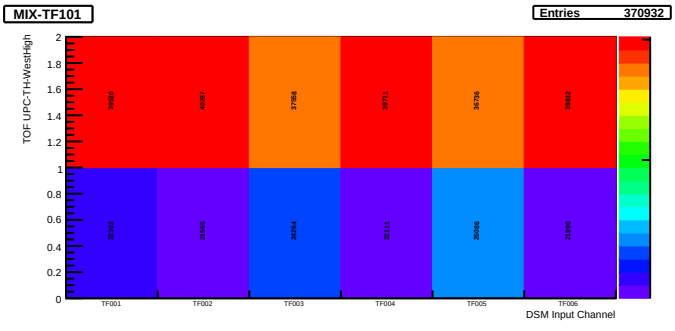

MIX-TF006
Entries 1298262
TOF MULT
TOF tray

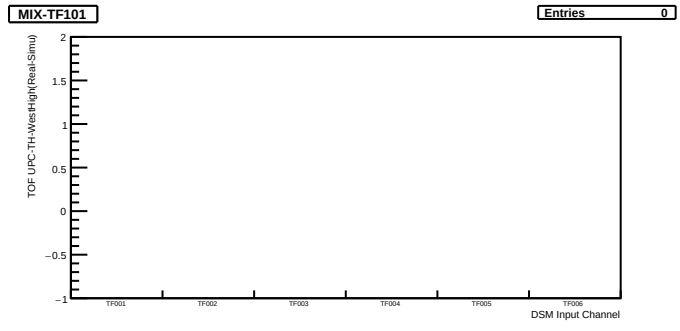

MIX-TF101
Entries 370932
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

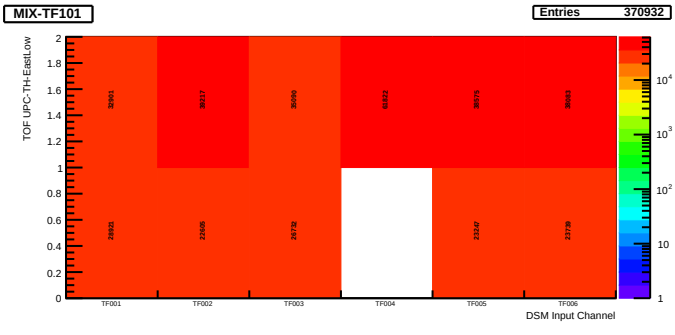

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

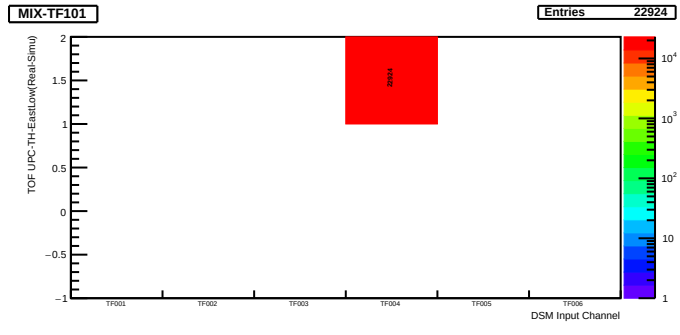

MIX-TF101
Entries 370932
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

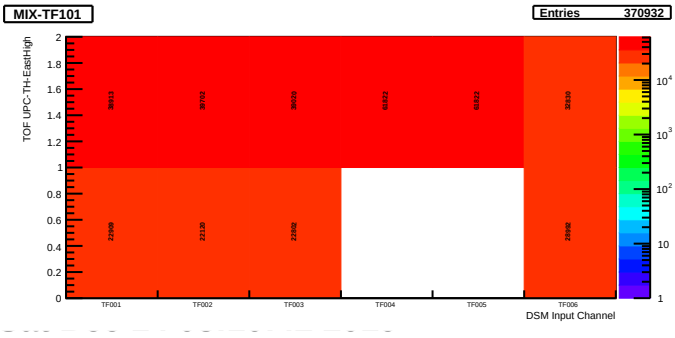

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

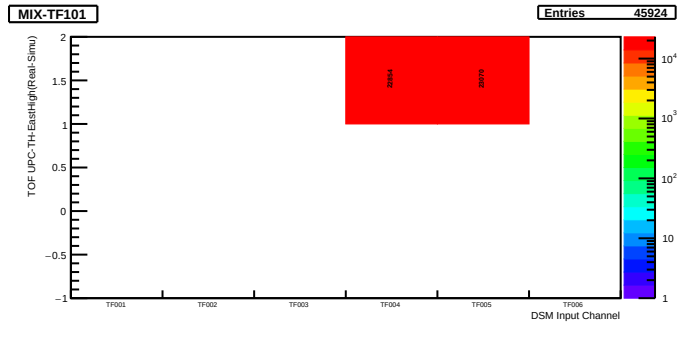

MIX-TF101
Entries 370932
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

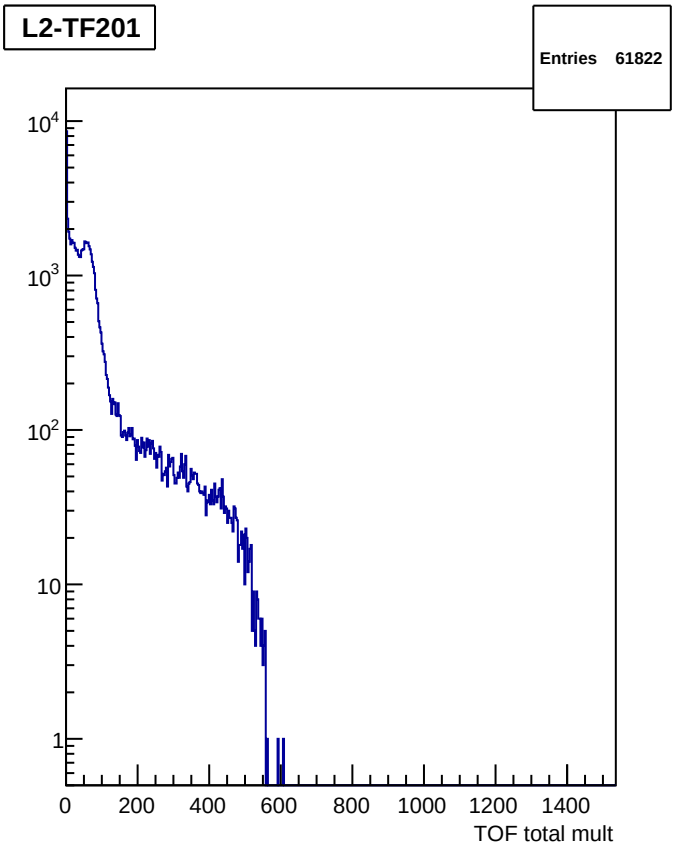

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

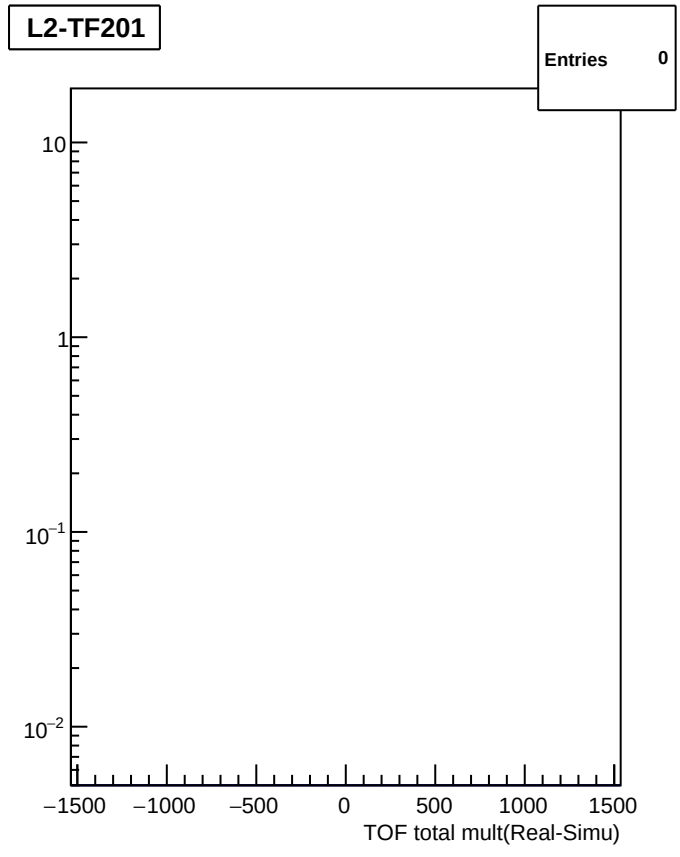

MIX-TF101
Entries 370932
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

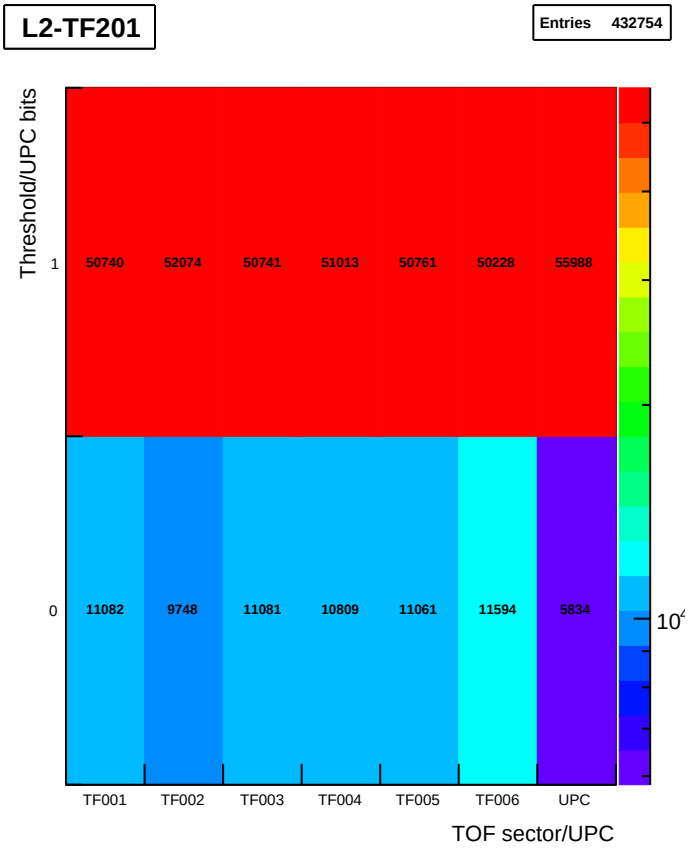

MIX-TF101
Entries 22924
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

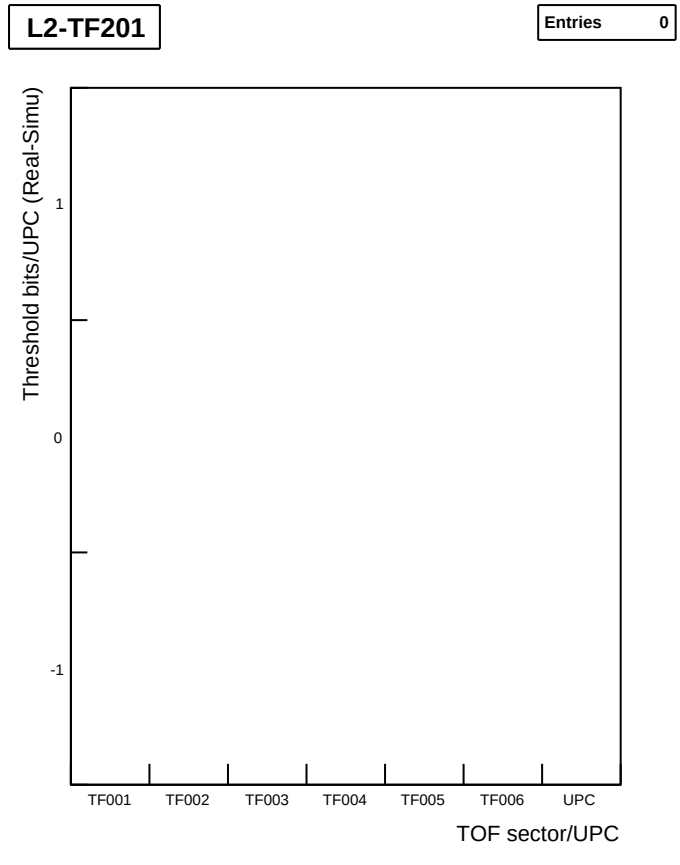

MIX-TF101
Entries 370932
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

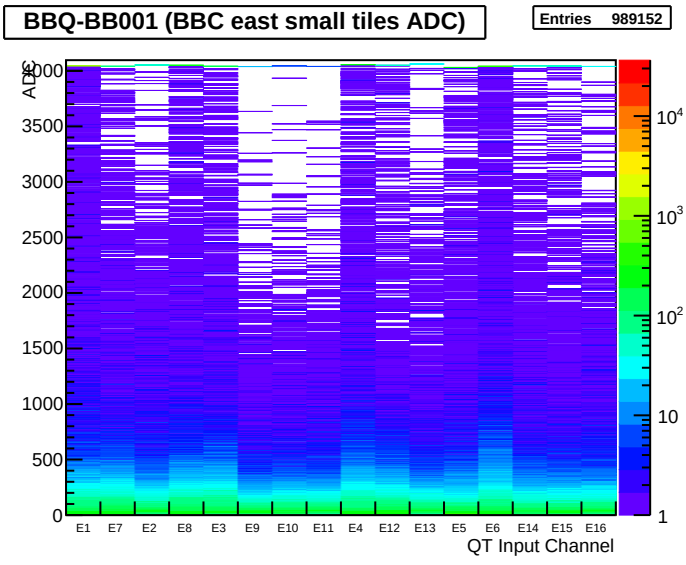

MIX-TF101
Entries 45924
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

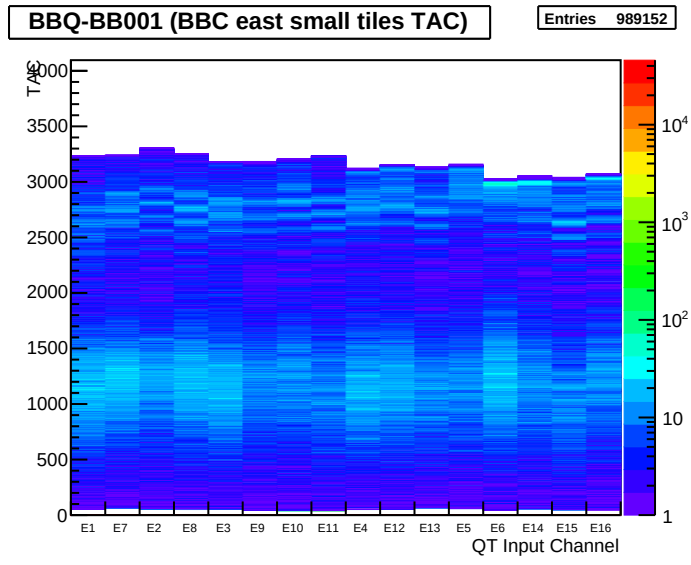

L2-TF201
Entries 61822
TOF total mult

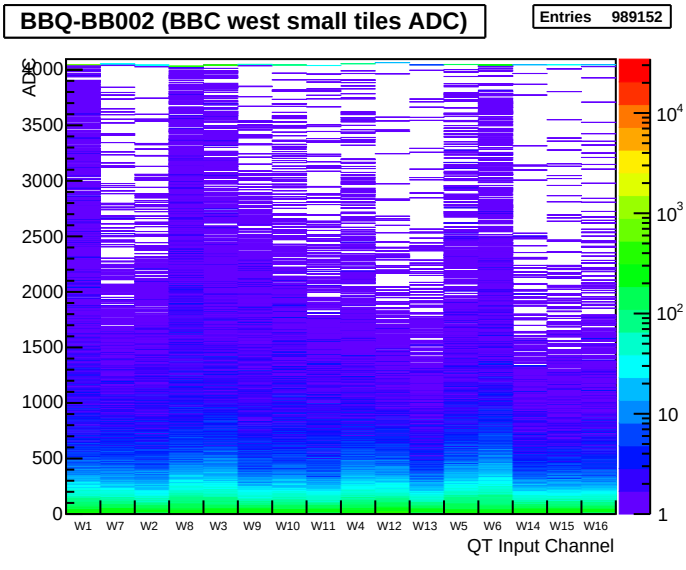

L2-TF201
Entries 0
TOF total mult(Real-Simu)

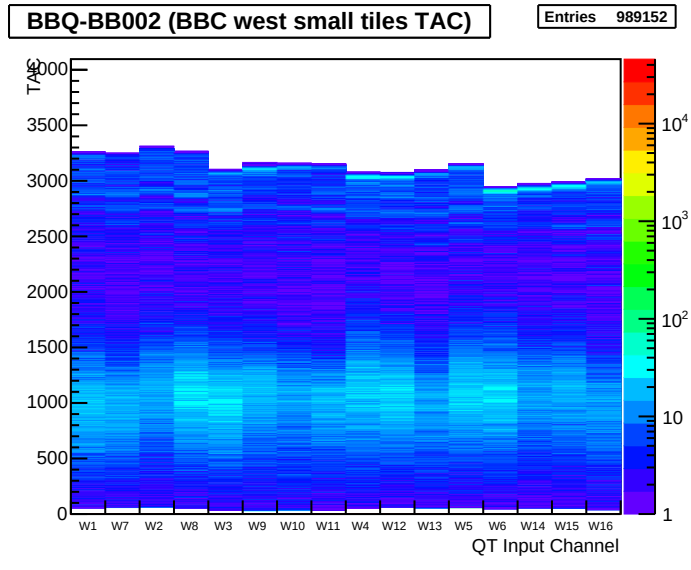

L2-TF201
Entries 432754
Threshold/UPC bits
50740
52074
50741
51013
50761
50228
55988
11082
9748
11081
10809
11061
11594
5834
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

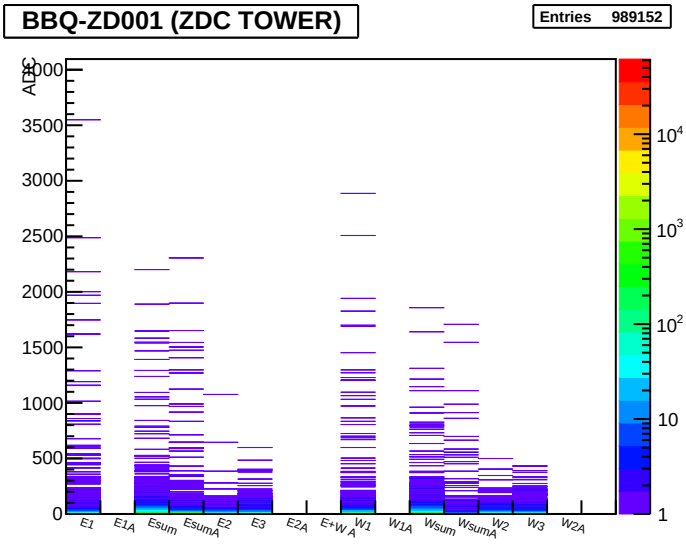

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

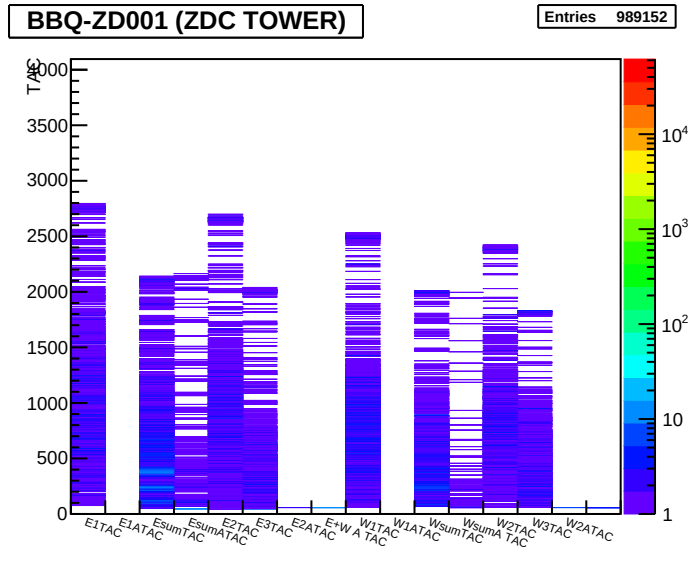

BBQ-BB001 (BBC east small tiles ADC)
Entries 989152
ADC
QT Input Channel

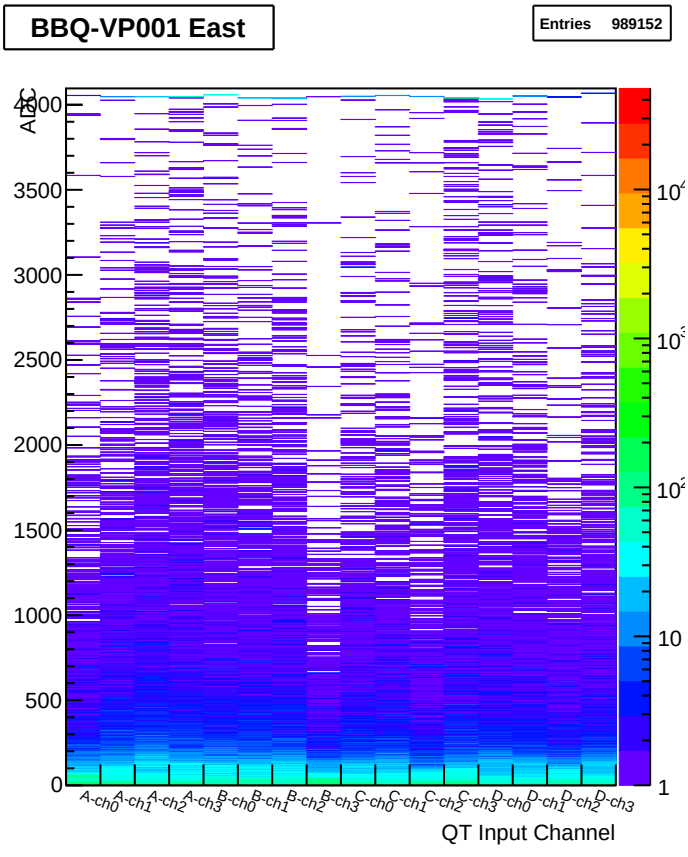

BBQ-BB001 (BBC east small tiles TAC)
Entries 989152
TAC
QT Input Channel

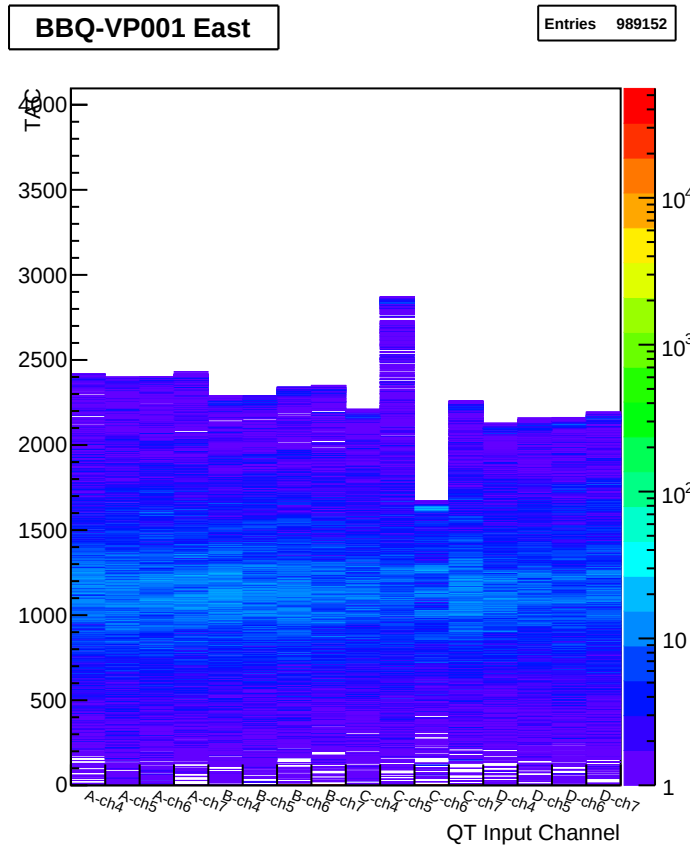

BBQ-BB002 (BBC west small tiles ADC)
Entries 989152
ADC
QT Input Channel

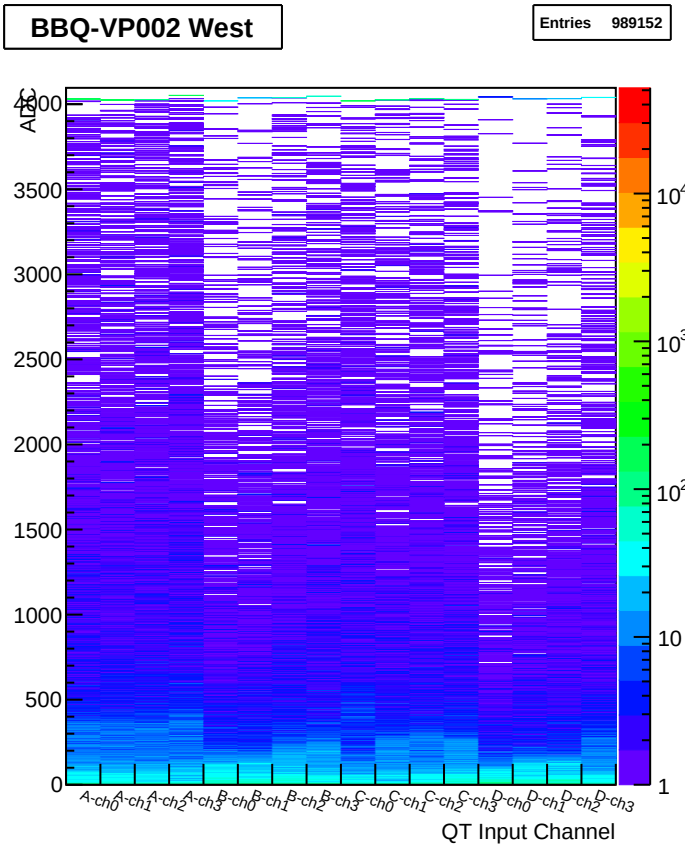

BBQ-BB002 (BBC west small tiles TAC)
Entries 989152
TAC
QT Input Channel

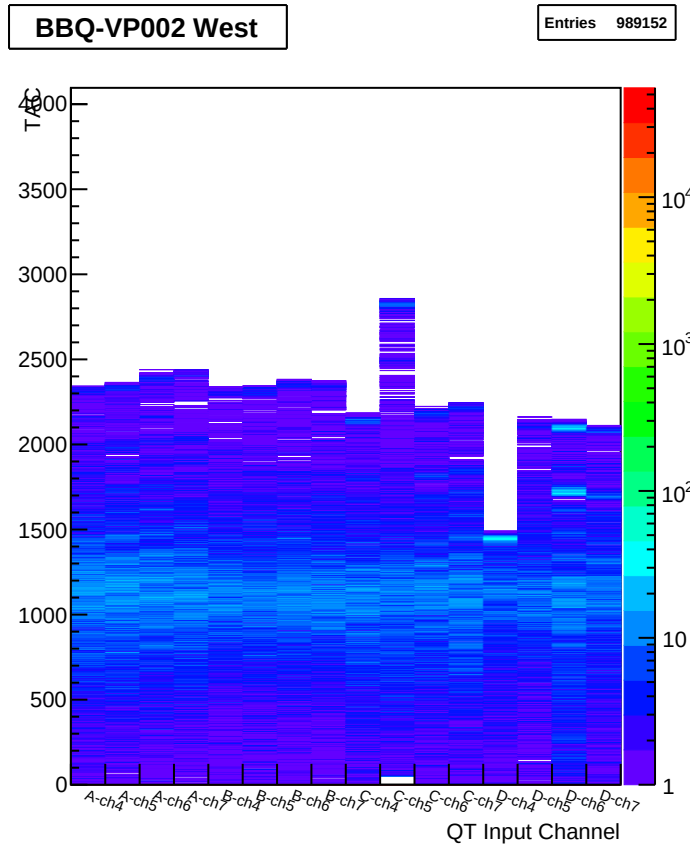

BBQ-ZD001 (ZDC TOWER)
Entries 989152
ADC

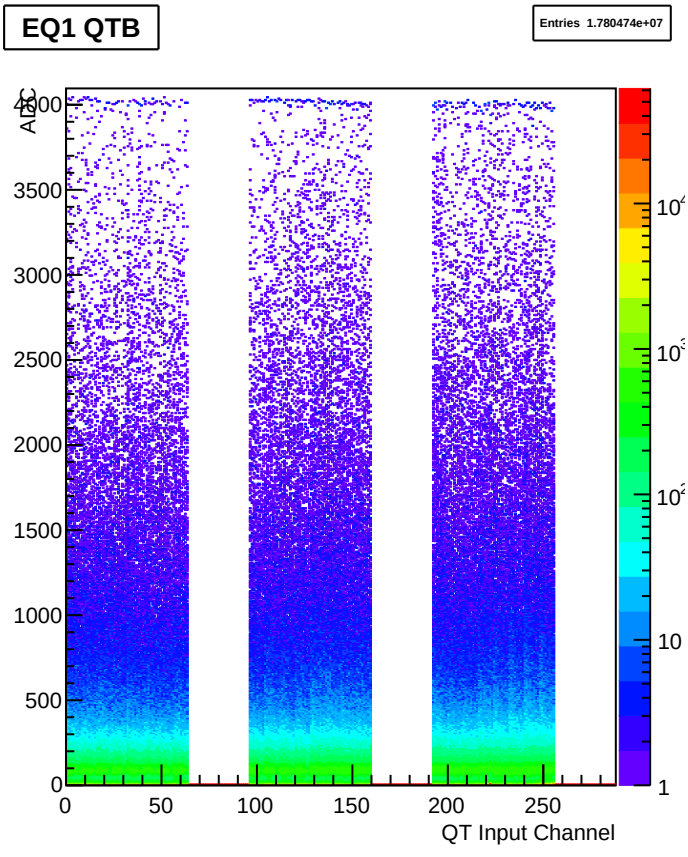

BBQ-ZD001 (ZDC TOWER)
Entries 989152
TAC

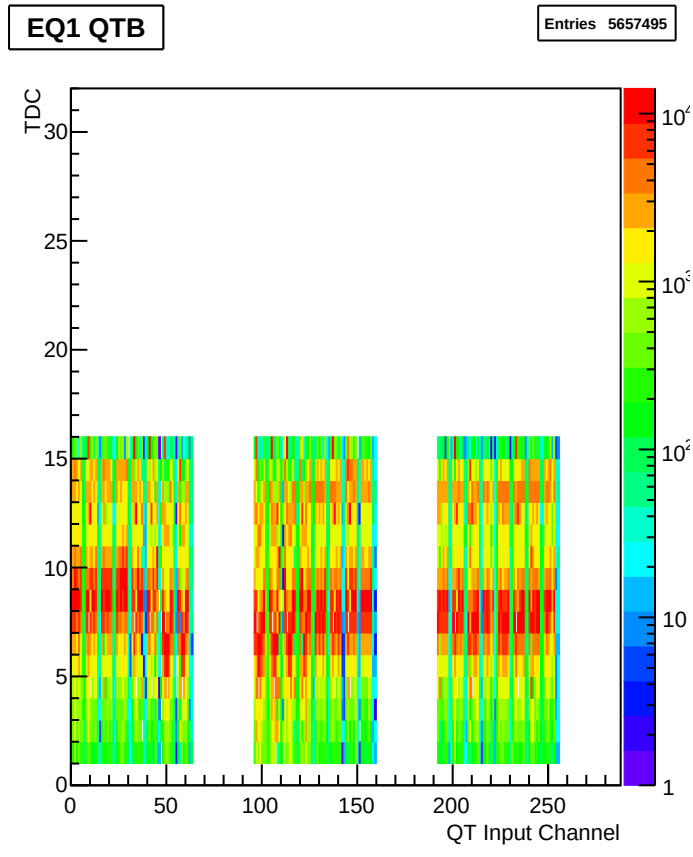

BBQ-VP001 East
Entries 989152
ADC
QT Input Channel

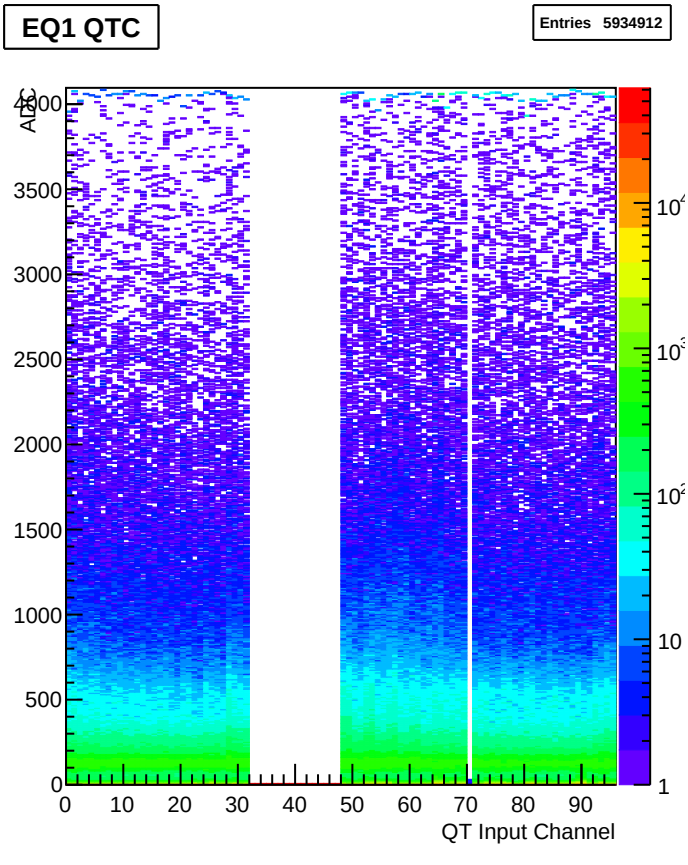

BBQ-VP001 East
Entries 989152
TADC
QT Input Channel

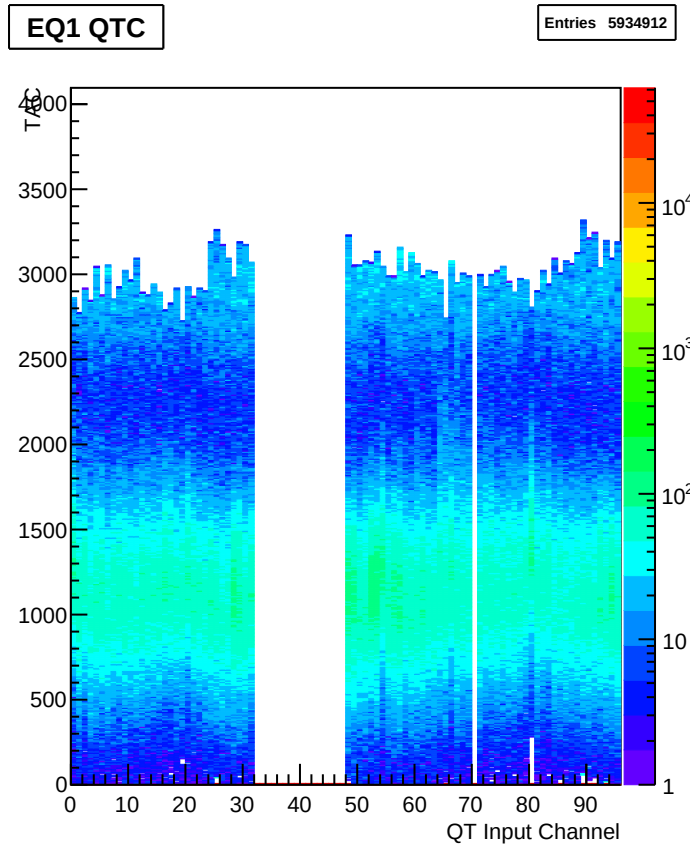

BBQ-VP002 West
Entries 989152
ADC
QT Input Channel

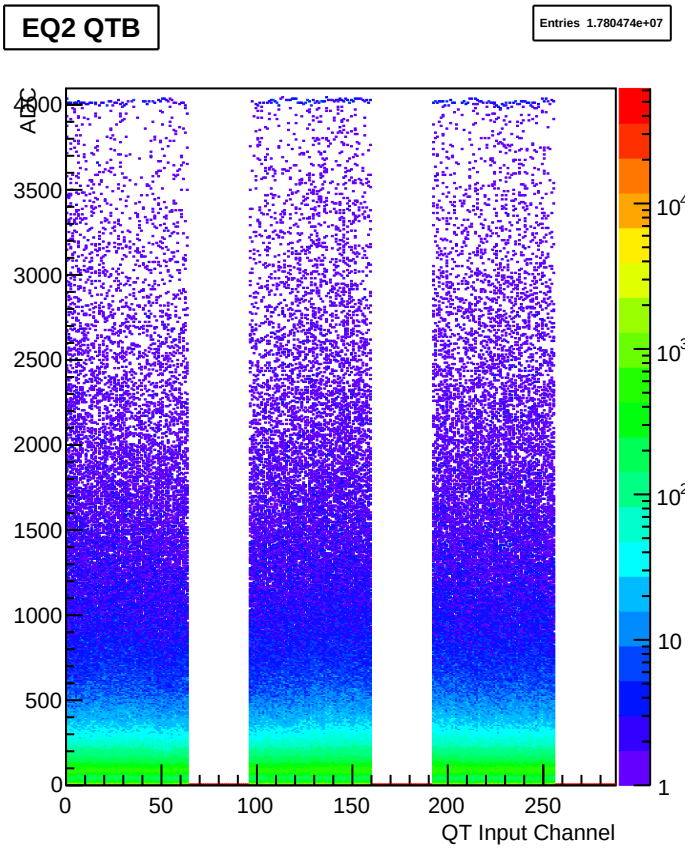

BBQ-VP002 West
Entries 989152
TADC
QT Input Channel

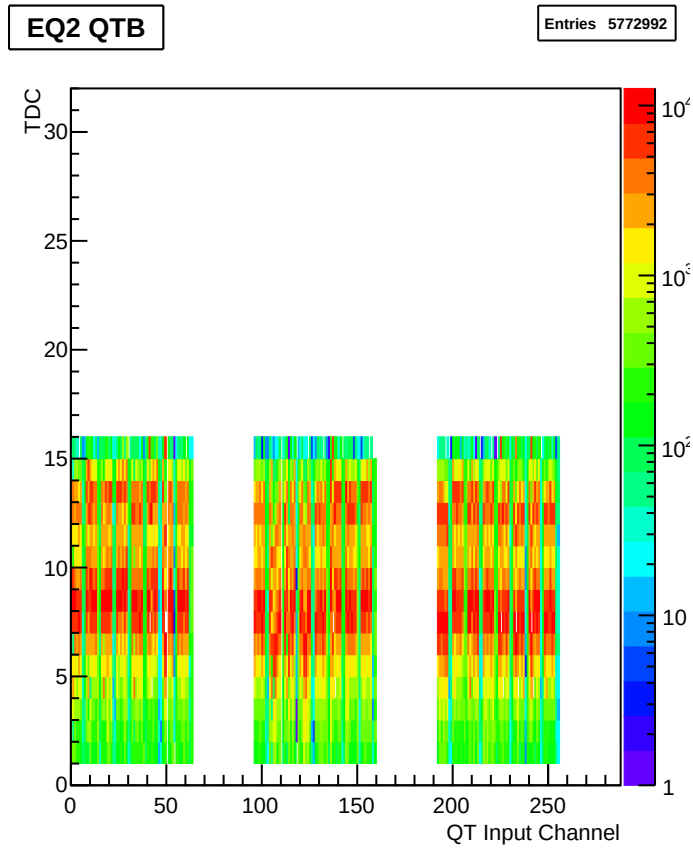

EQ1 QTB
Entries 1.780474e+07
ADC
QT Input Channel

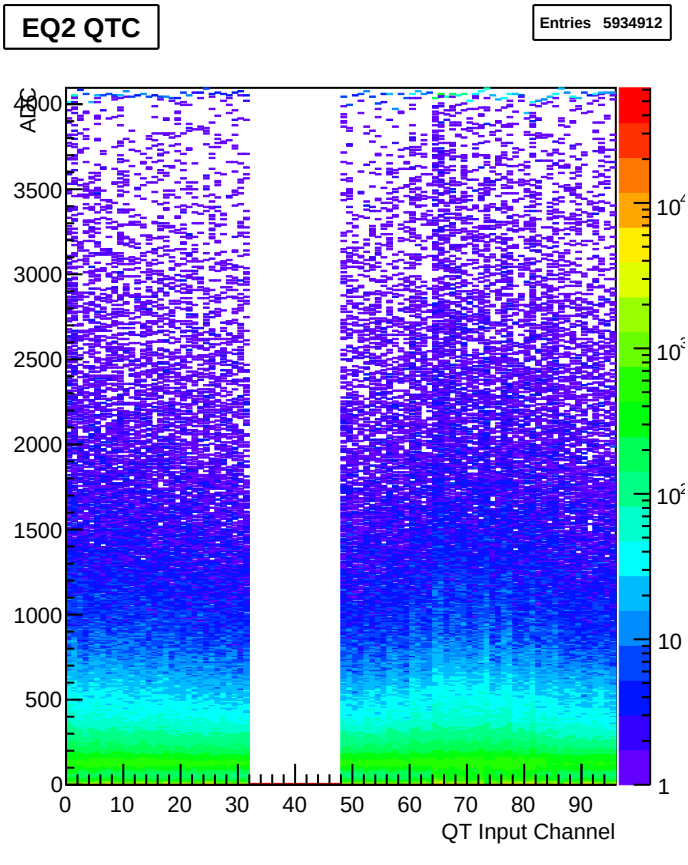

EQ1 QTB
Entries 5657495
TDC
QT Input Channel

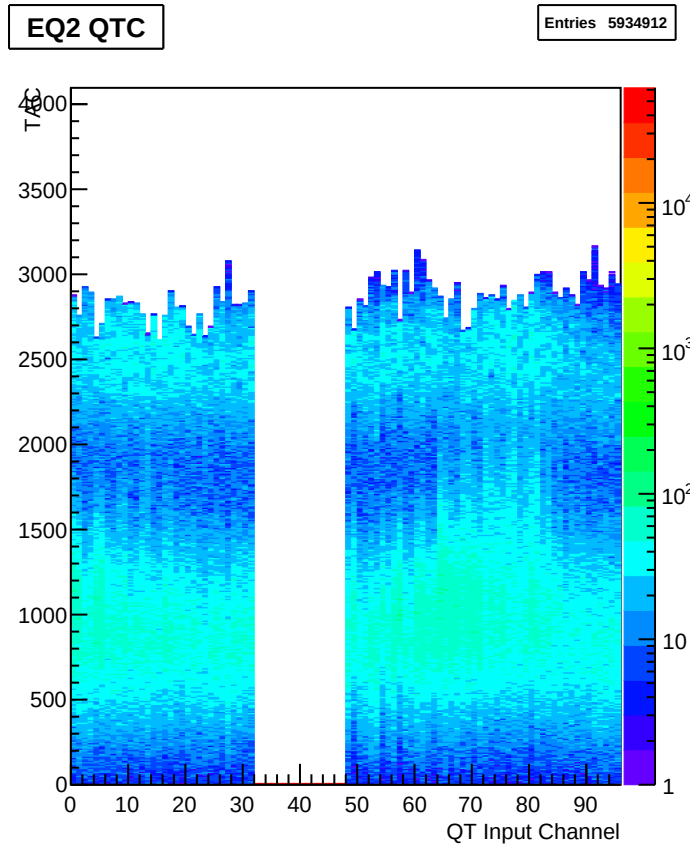

EQ1 QTC
Entries 5934912
ADC
QT Input Channel

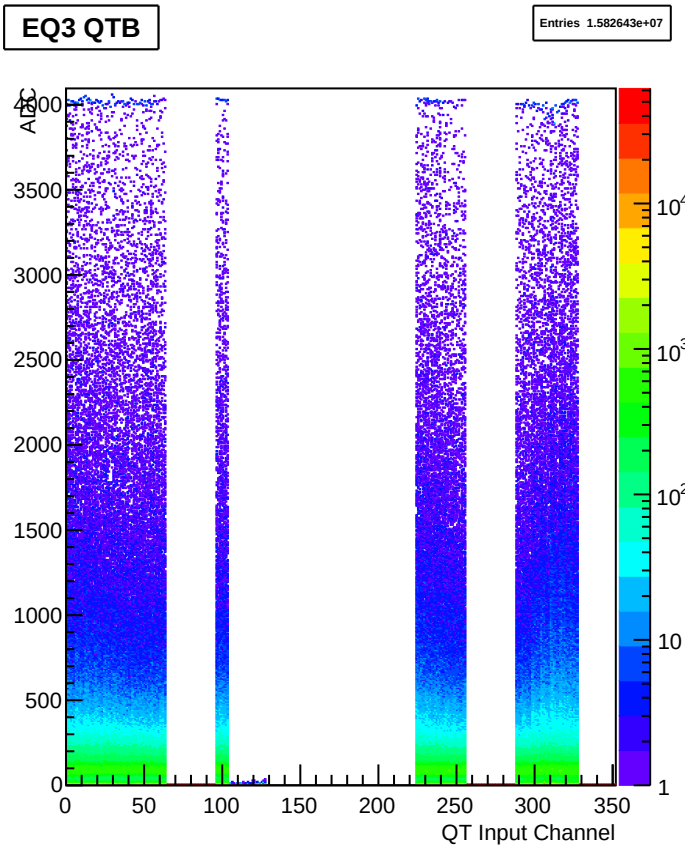

EQ1 QTC
Entries 5934912
TADC
QT Input Channel

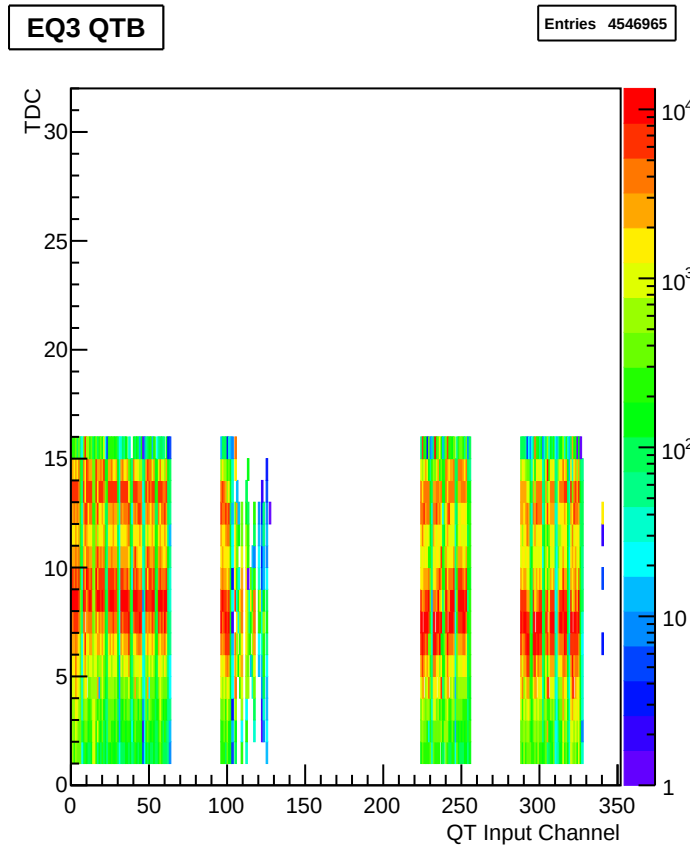

EQ2 QTB
Entries 1.780474e+07
ADC
QT Input Channel

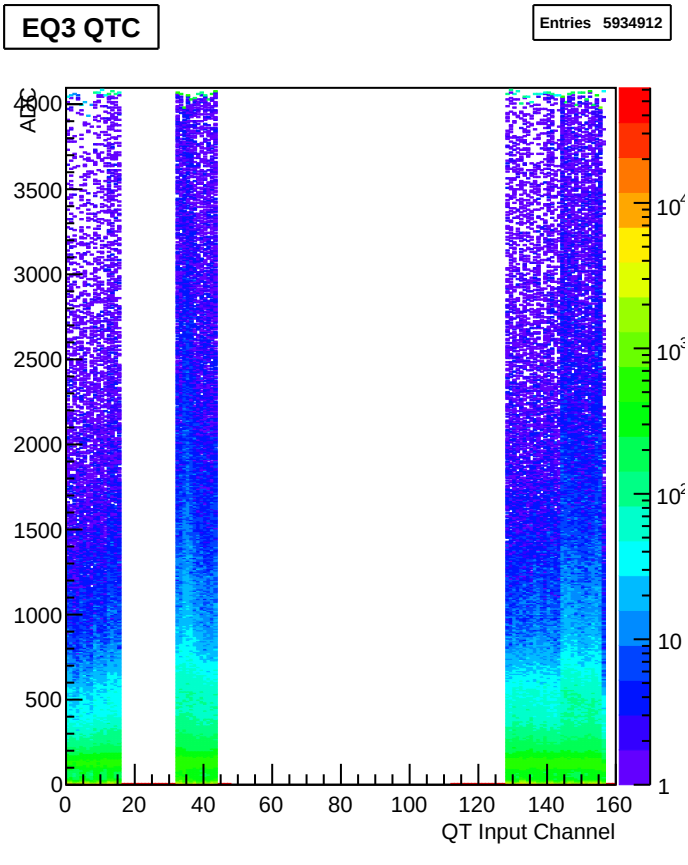

EQ2 QTB
Entries 5772992
TDC
QT Input Channel

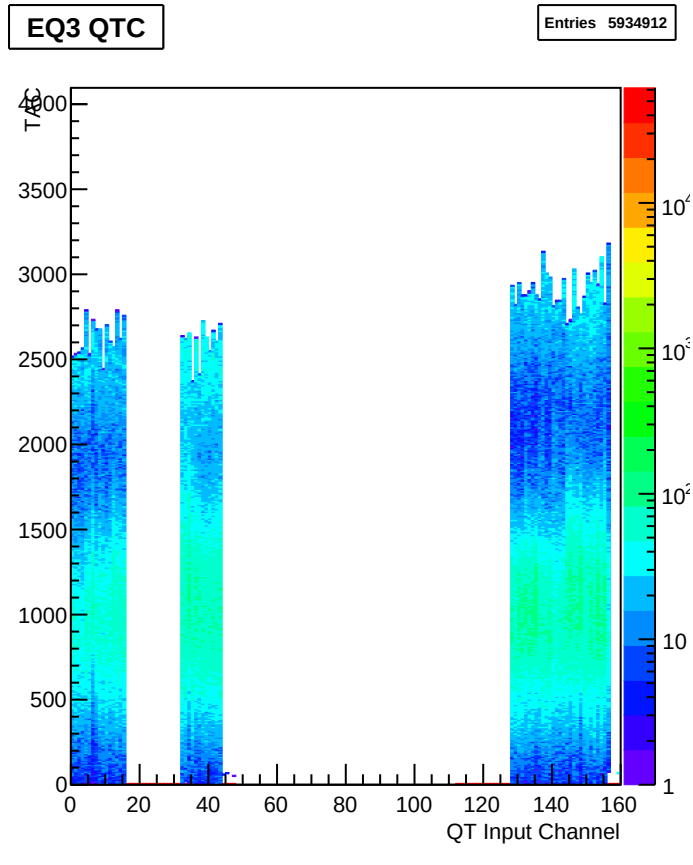

EQ2 QTC
Entries 5934912
ADC
QT Input Channel

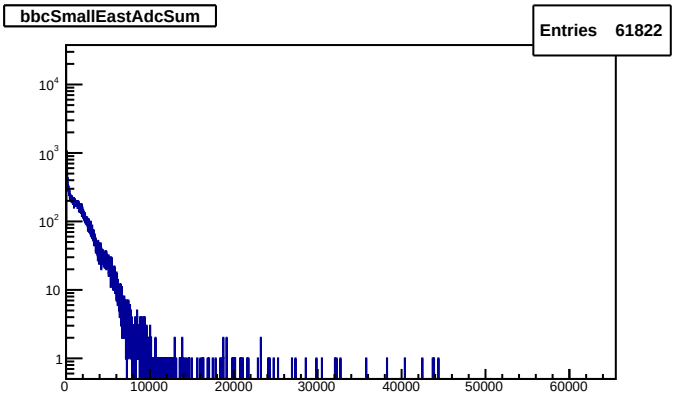

EQ2 QTC
Entries 5934912
TADC
QT Input Channel

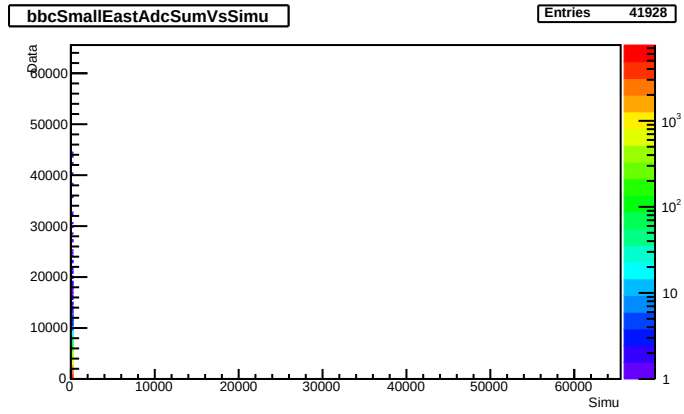

EQ3 QTB
Entries 1.582643e+07
ADC
QT Input Channel

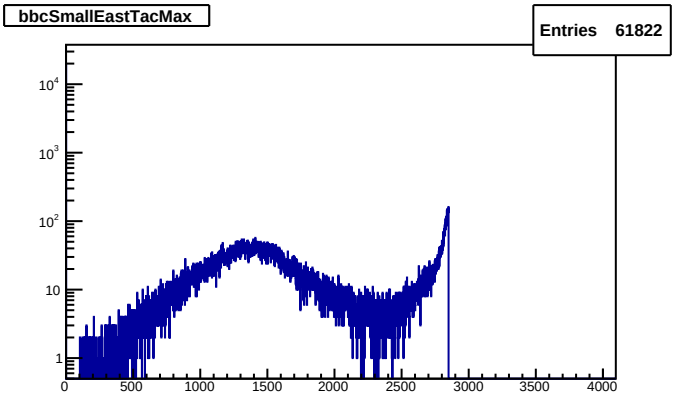

EQ3 QTB
Entries 4546965
TDC
QT Input Channel

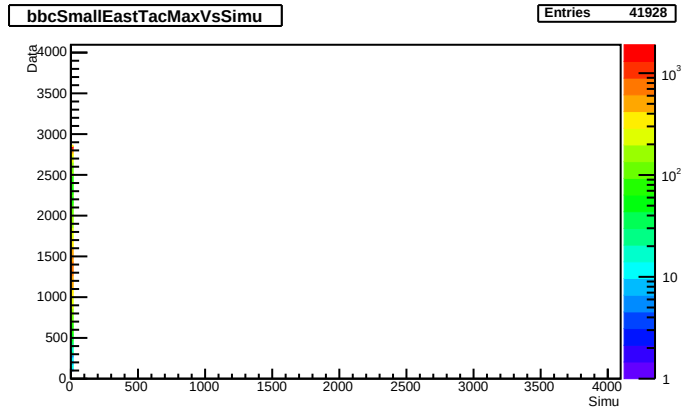

EQ3 QTC
Entries 5934912
ADC
QT Input Channel

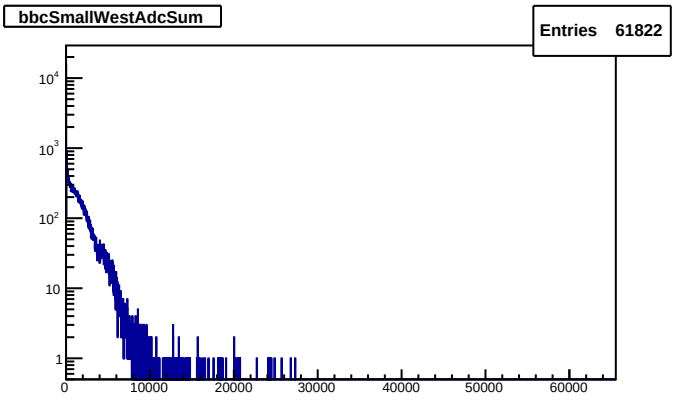

EQ3 QTC
Entries 5934912
TADC
QT Input Channel

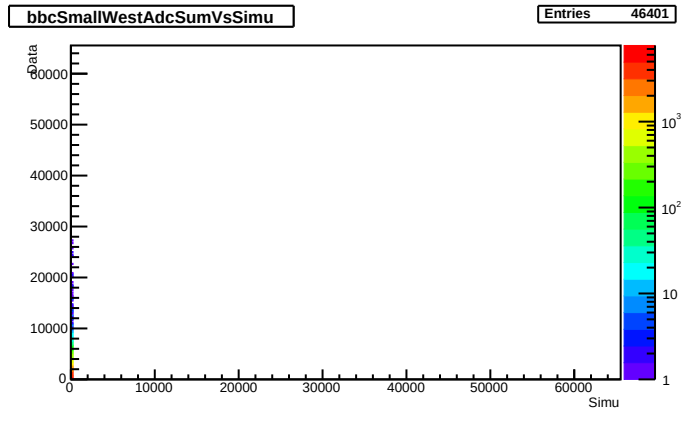

bbcSmallEastAdcSum
Entries 61822

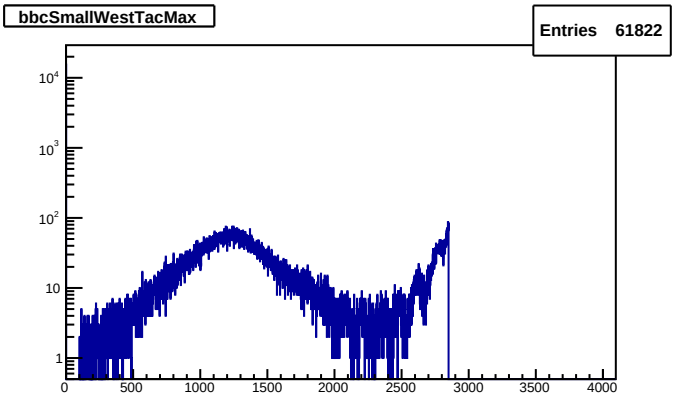

bbcSmallEastAdcSumVsSimu
Entries 41928
Data
Simu

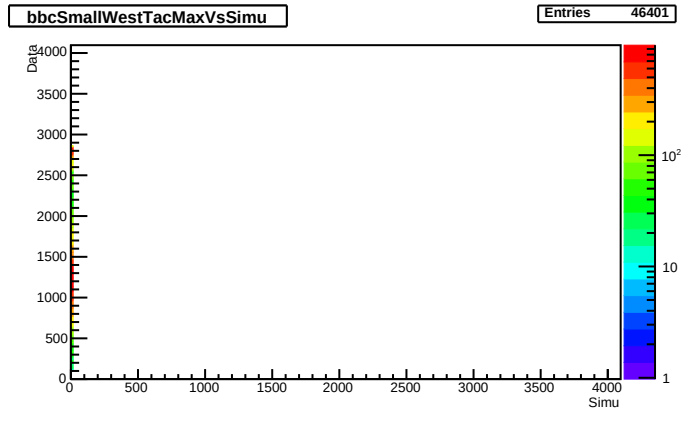

bbcSmallEastTacMax
Entries 61822

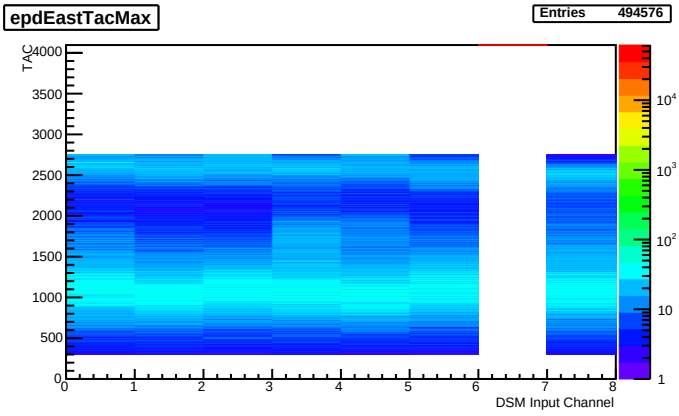

bbcSmallEastTacMaxVsSimu
Entries 41928
Data
Simu

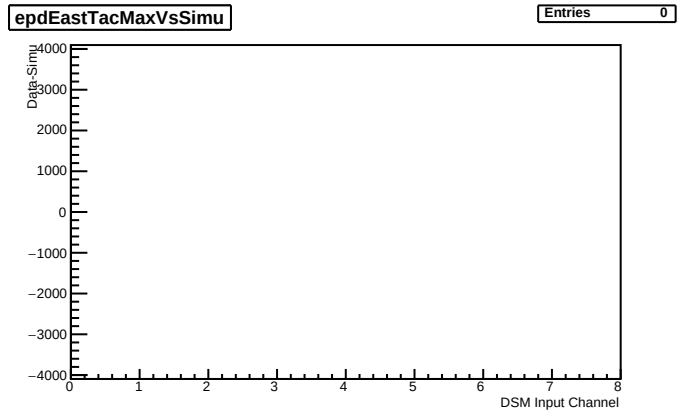

bbcSmallWestAdcSum
Entries 61822

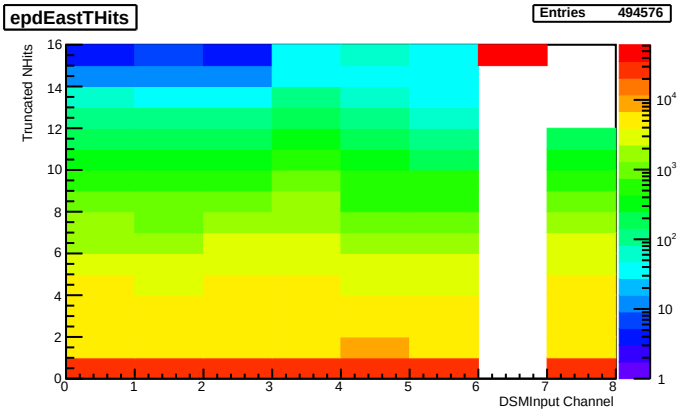

bbcSmallWestAdcSumVsSimu
Entries 46401
Data
Simu

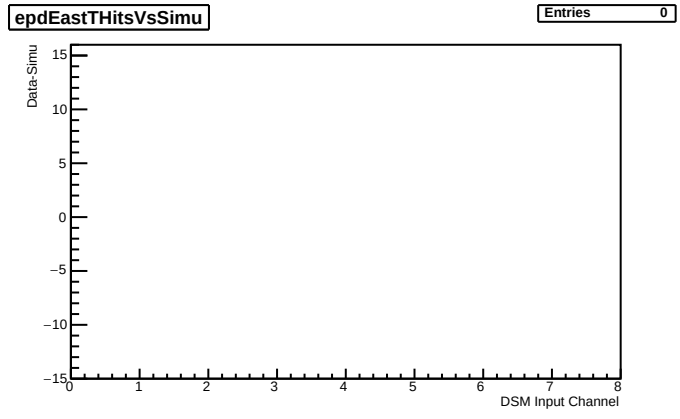

bbcSmallWestTacMax
Entries 61822

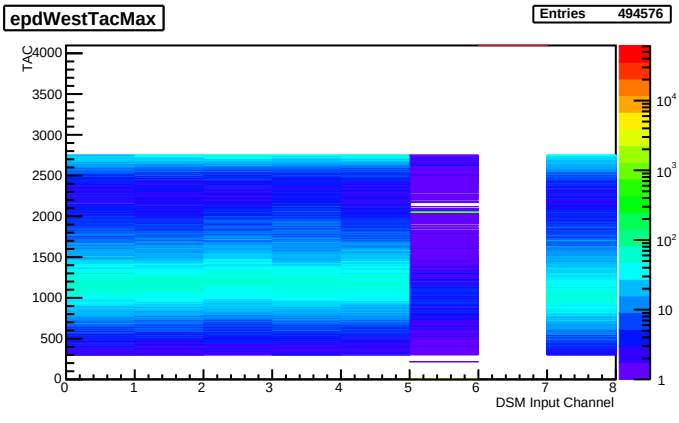

bbcSmallWestTacMaxVsSimu
Entries 46401
Data
Simu

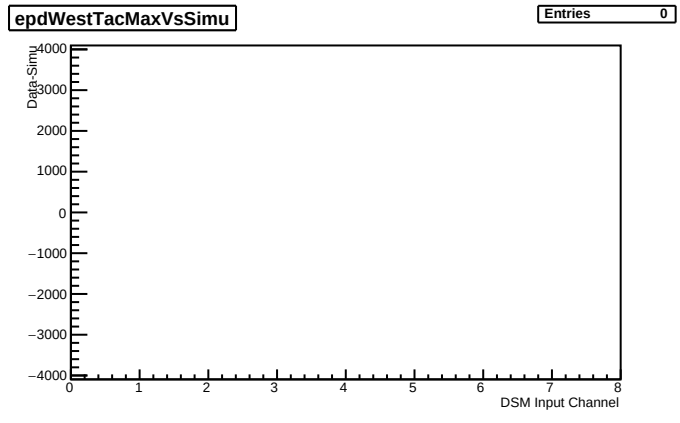

epdEastTacMax
Entries 494576
TAC
DSM Input Channel

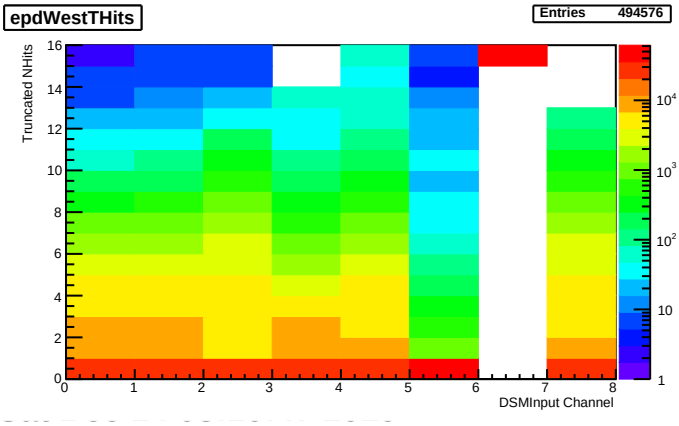

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

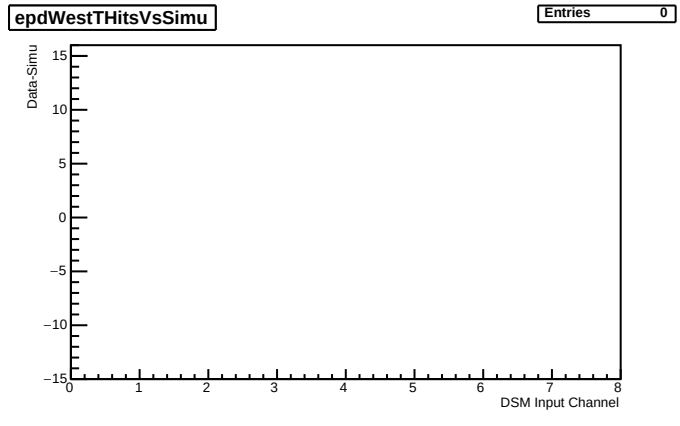

epdEastTHits
Entries 494576
Truncated NHits
DSMInput Channel

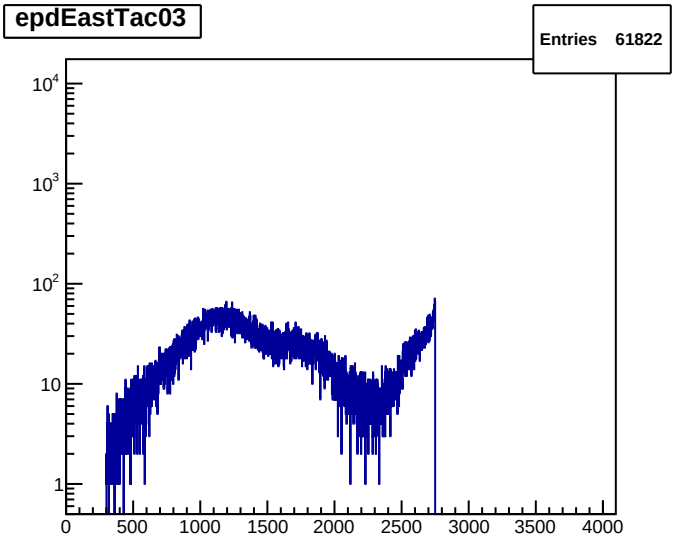

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

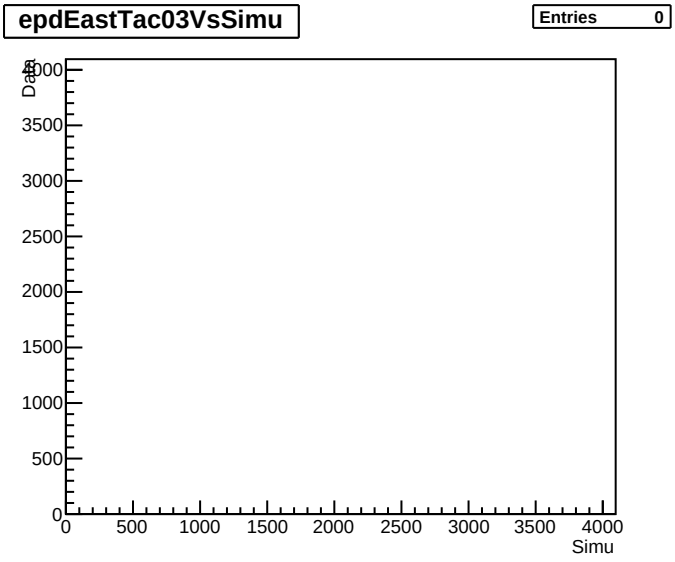

epdWestTacMax
Entries 494576
TAC
DSM Input Channel

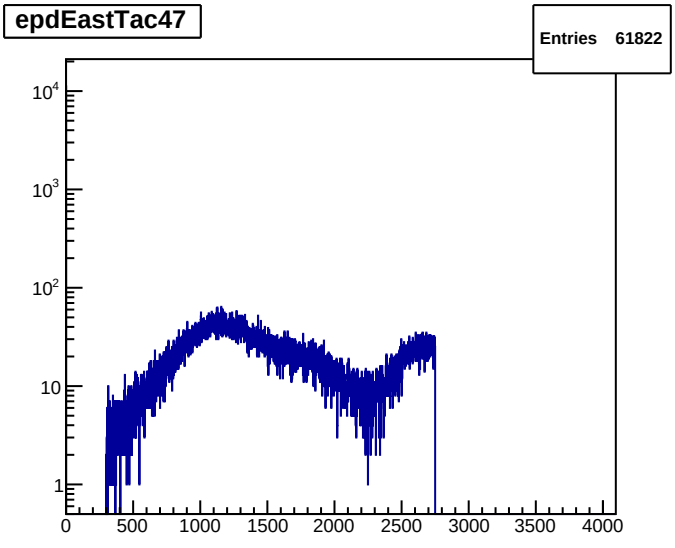

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

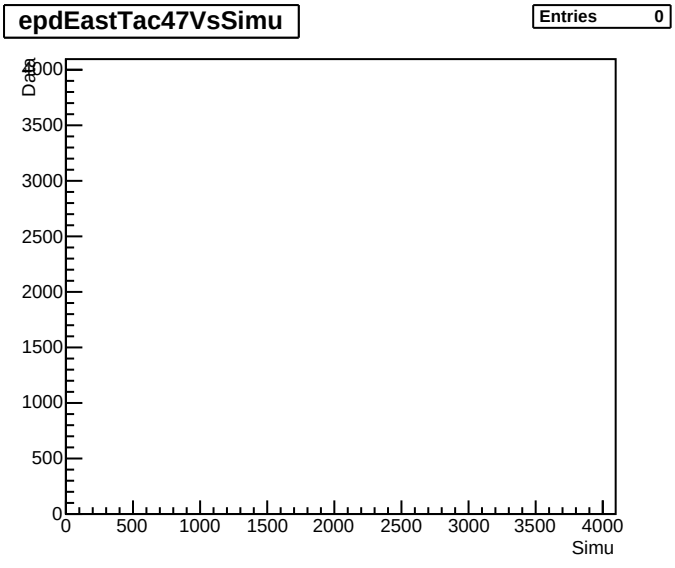

epdWestTHits
Entries 494576
Truncated NHits
DSMInput Channel

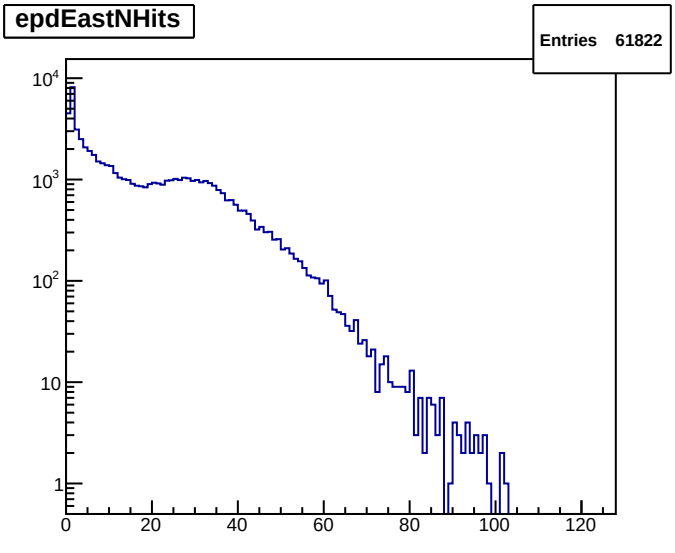

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

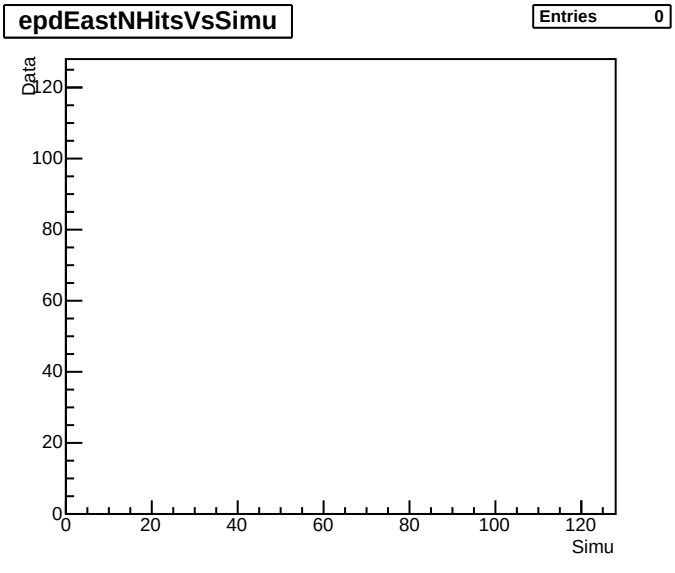

epdEastTac03
Entries 61822


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 61822


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 61822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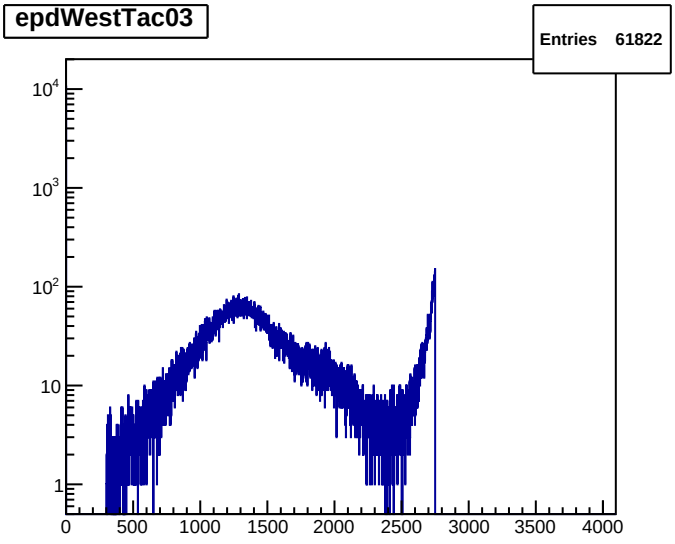
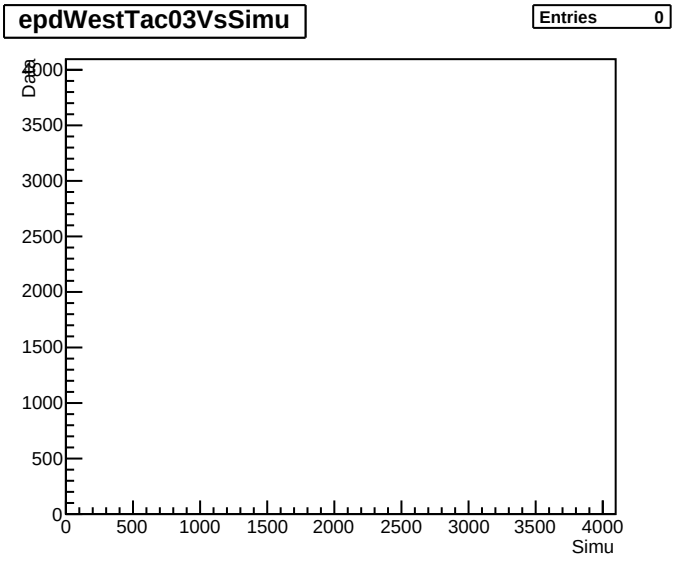
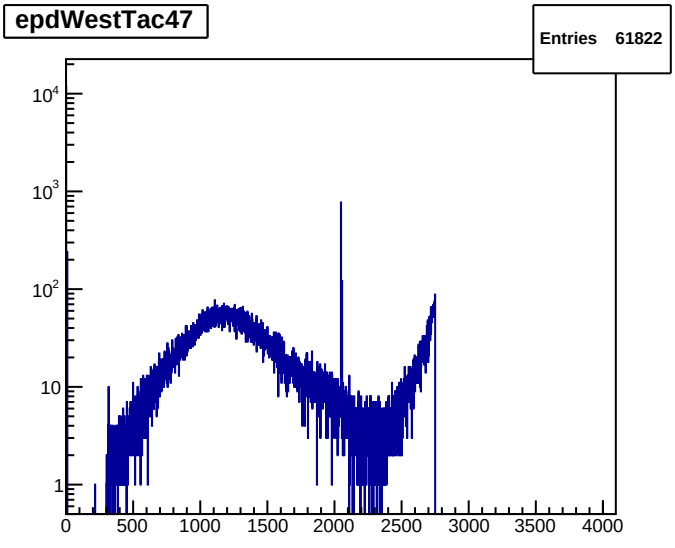
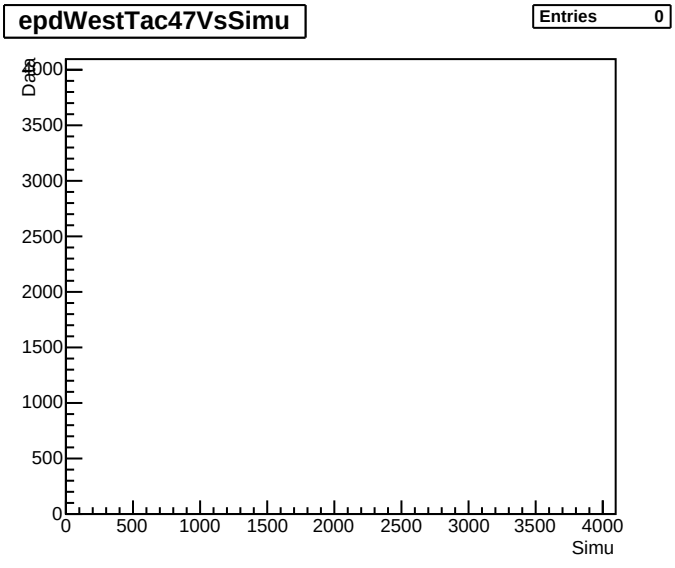
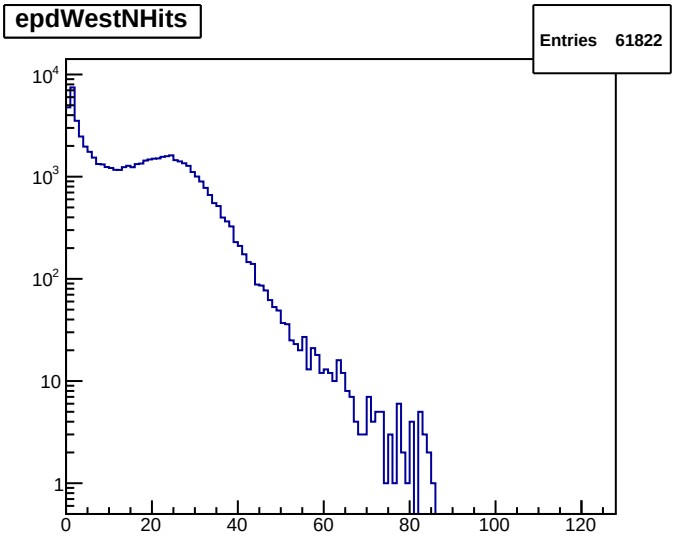
Entries 0
Data
Simu

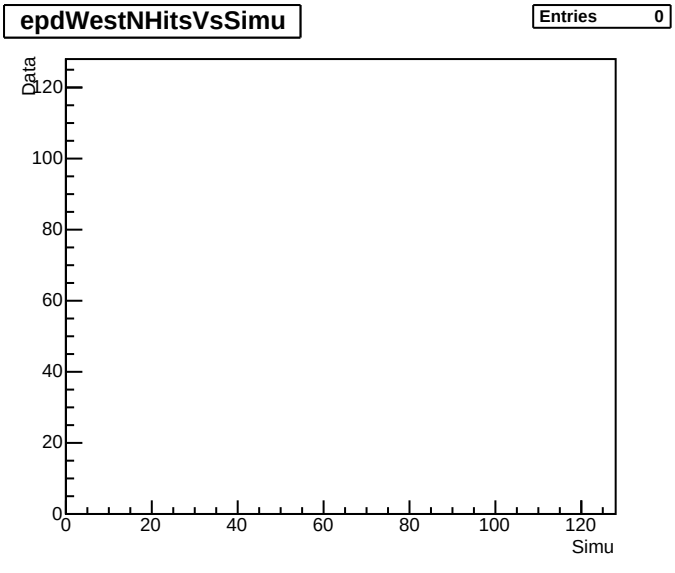

epdWestTac03
Entries 61822

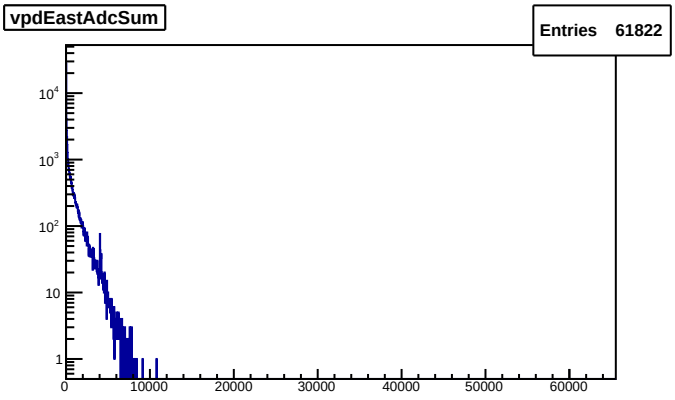

epdWestTac03VsSimu
Entries 0
Data
Simu

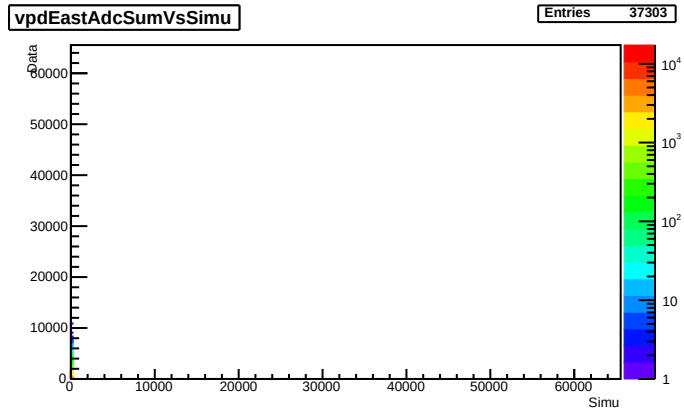

epdWestTac47
Entries 61822

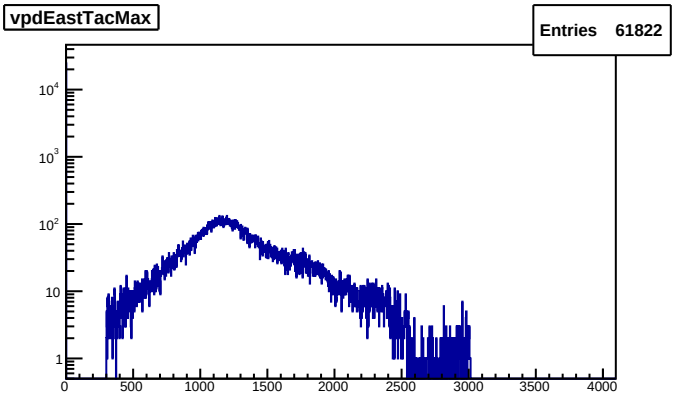

epdWestTac47VsSimu
Entries 0
Data
Simu

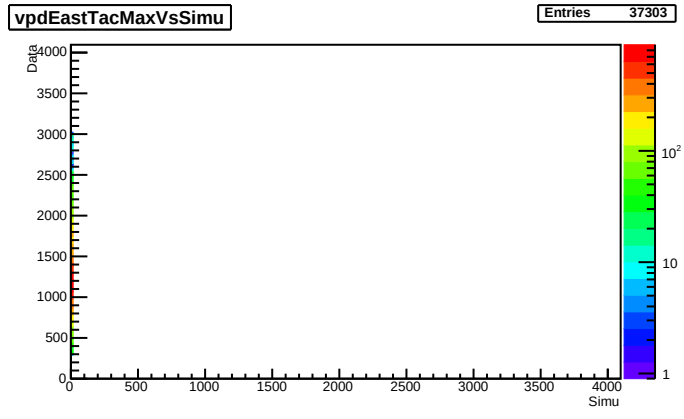

epdWestNHits
Entries 61822

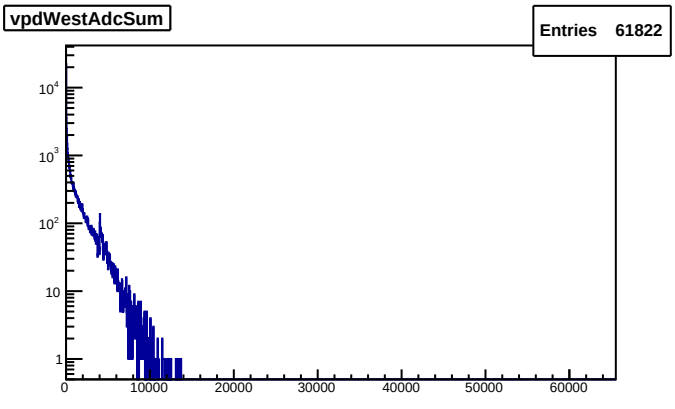

epdWestNHitsVsSimu
Entries 0
Data
Simu

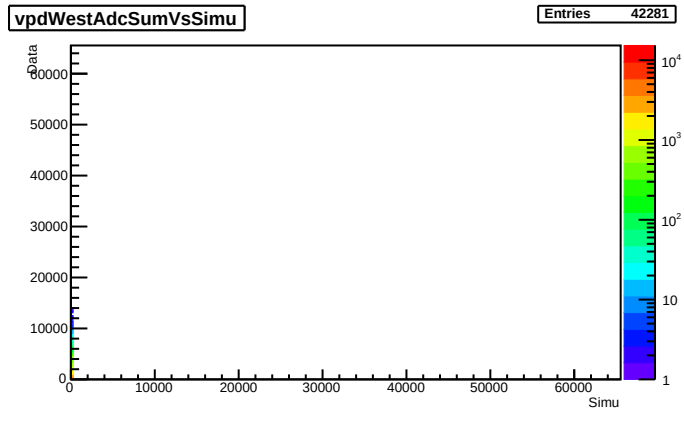

vpdEastAdcSum
Entries 61822

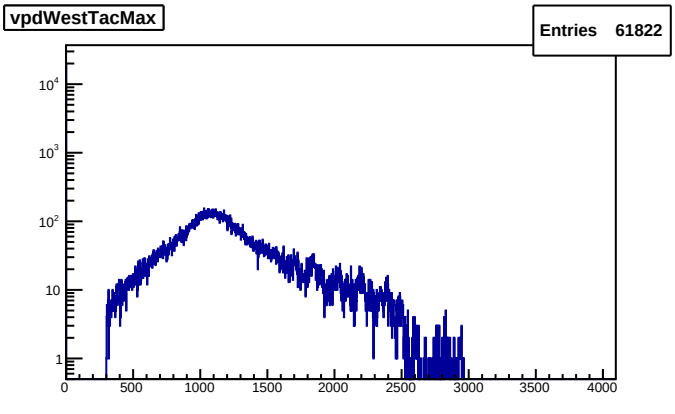

vpdEastAdcSumVsSimu
Entries 37303
Data
Simu

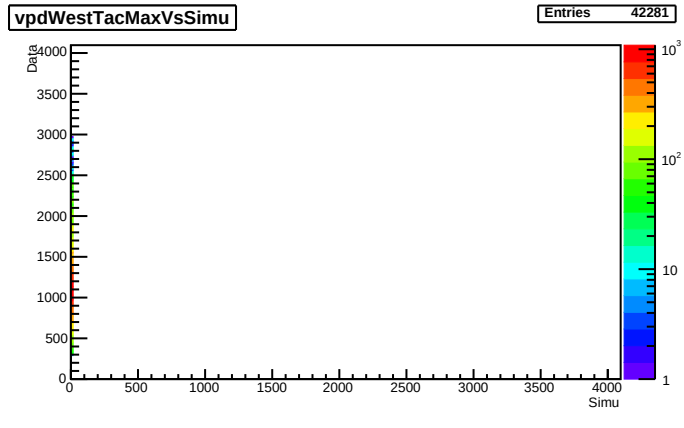

vpdEastTacMax
Entries 61822

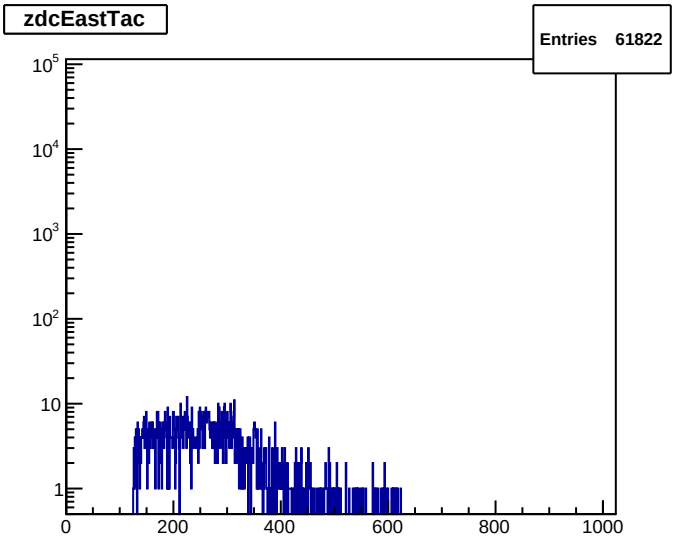

vpdEastTacMaxVsSimu
Entries 37303
Data
Simu

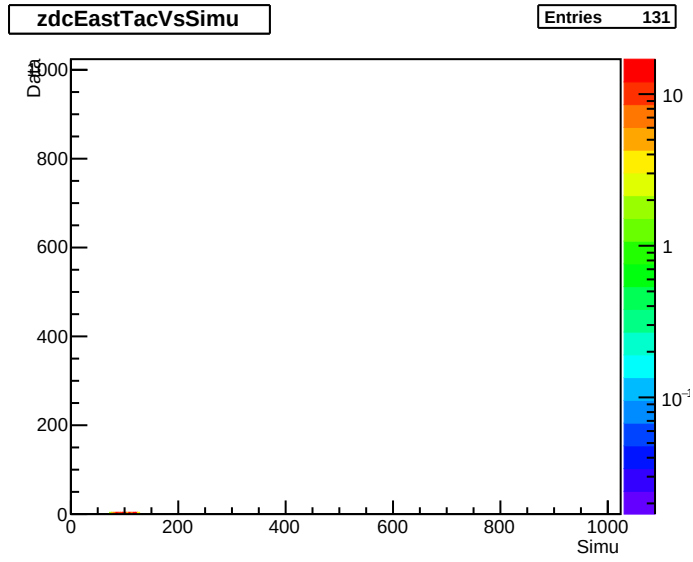

vpdWestAdcSum
Entries 61822

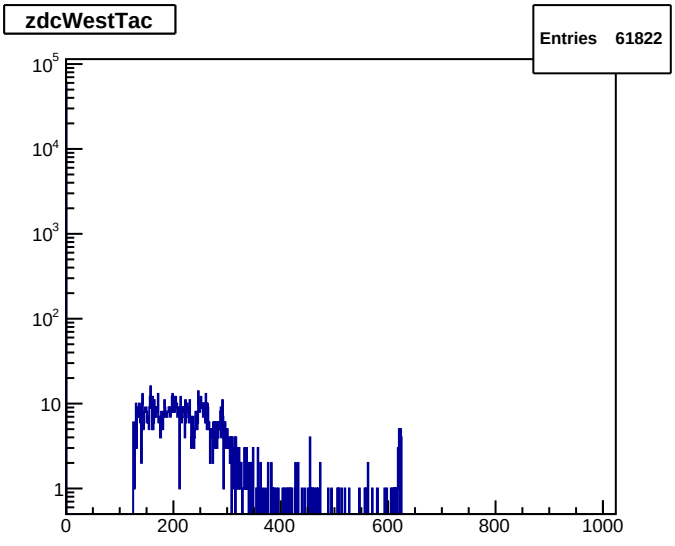

vpdWestAdcSumVsSimu
Entries 42281
Data
Simu

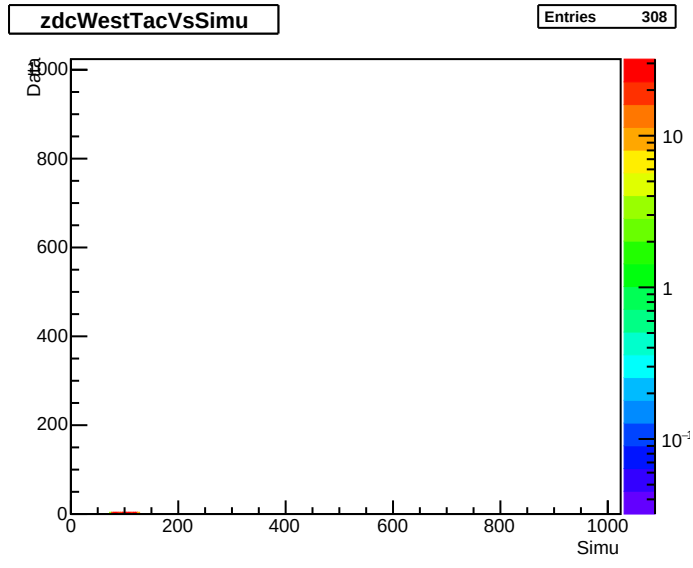

vpdWestTacMax
Entries 61822

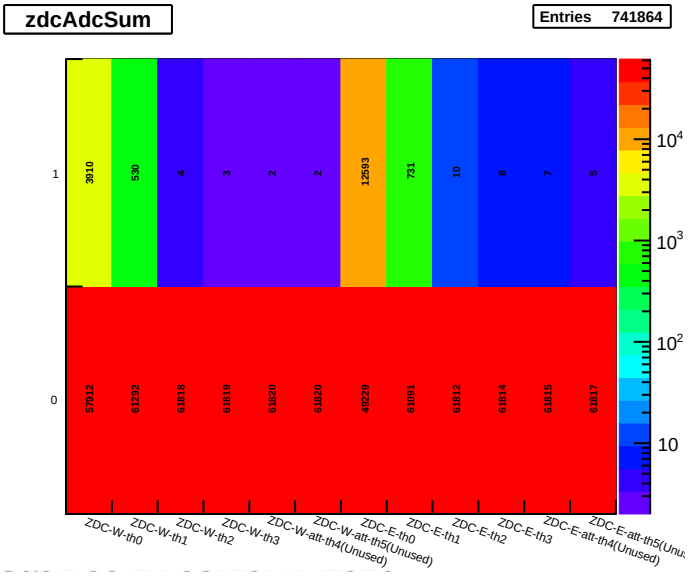

vpdWestTacMaxVsSimu
Entries 42281
Data
Simu

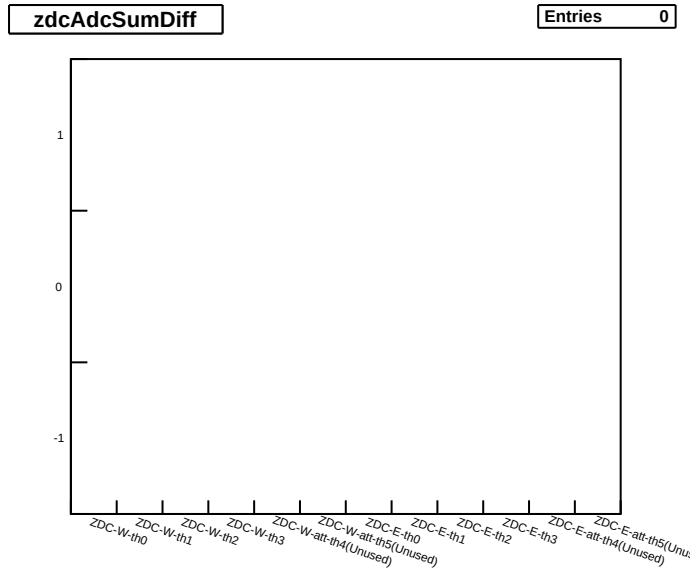

zdcEastTac
Entries 61822

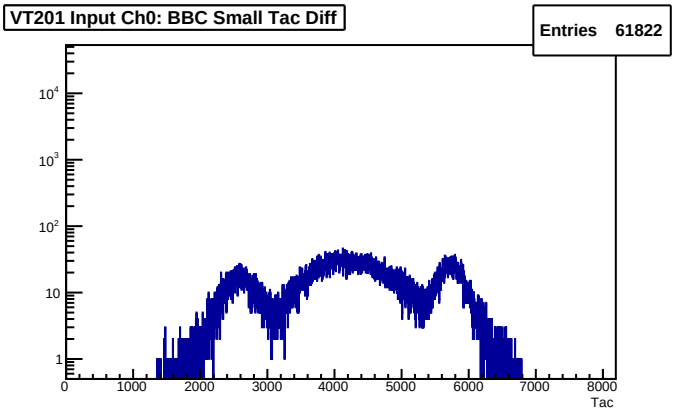

zdcEastTacVsSimu
Entries 131
Data
Simu

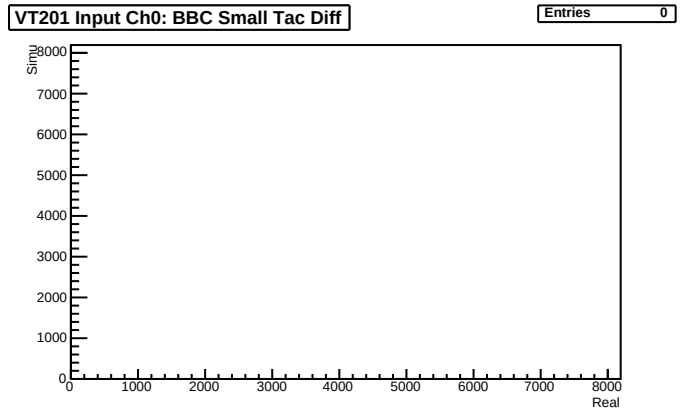

zdcWestTac
Entries 61822

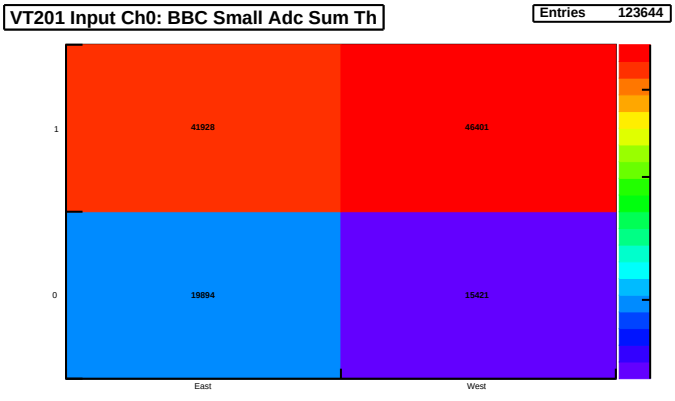

zdcWestTacVsSimu
Entries 308
Data
Simu

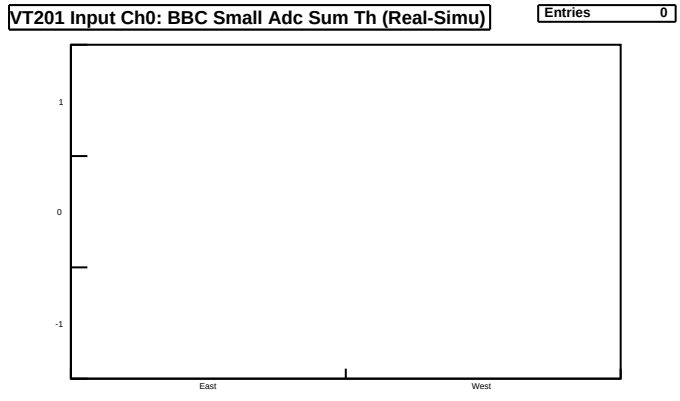

zdcAdcSum
Entries 741864
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

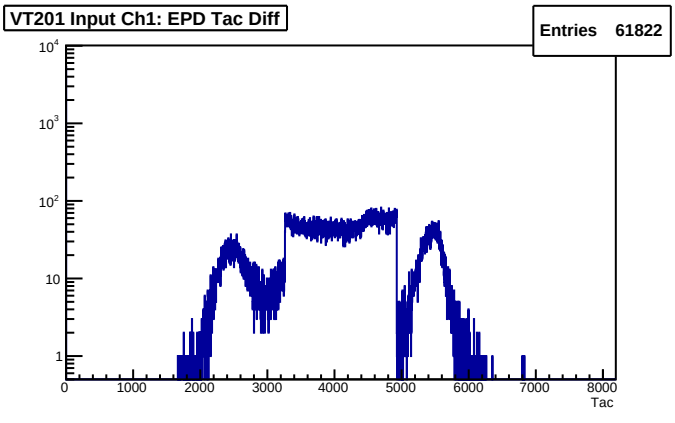

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

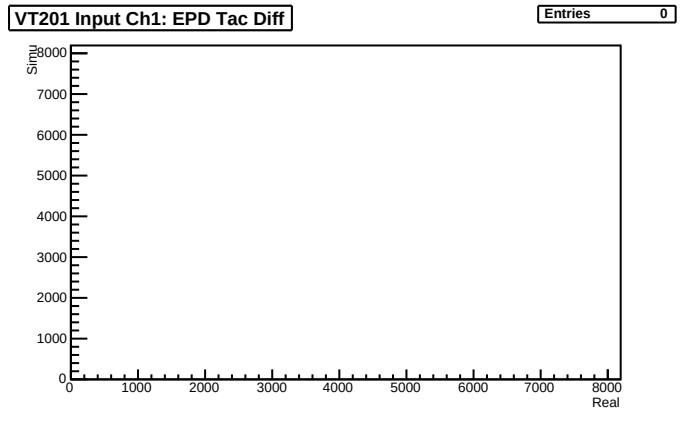

VT201 Input Ch0: BBC Small Tac Diff
Entries 61822
Tac

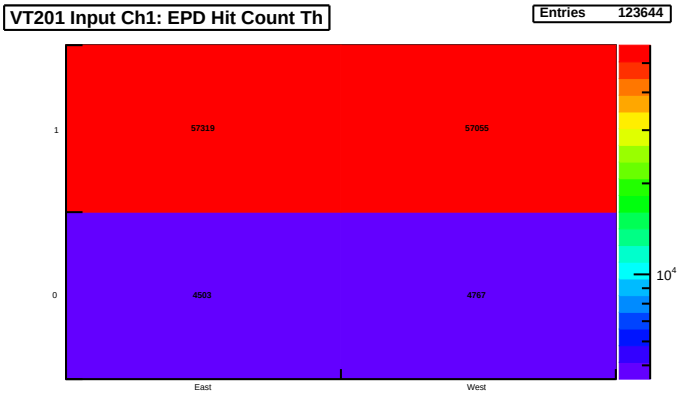

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

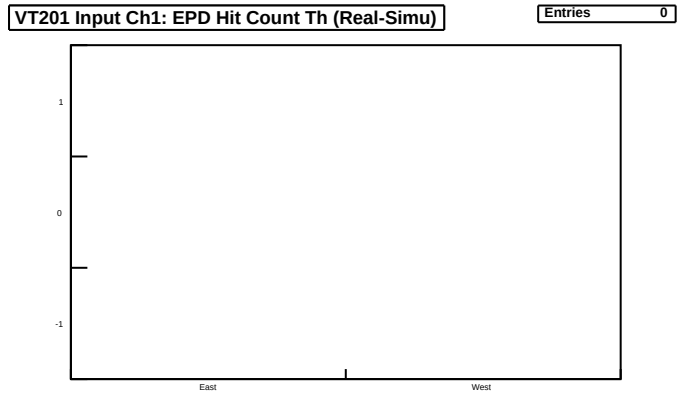

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 123644
41928
46401
19894
15421
East
West

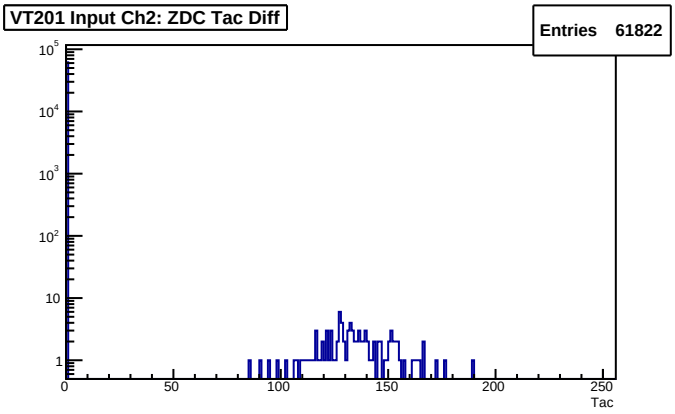

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

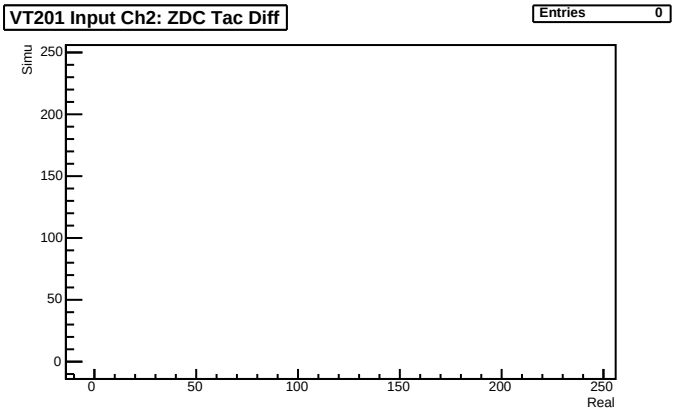

VT201 Input Ch1: EPD Tac Diff
Entries 61822
Tac

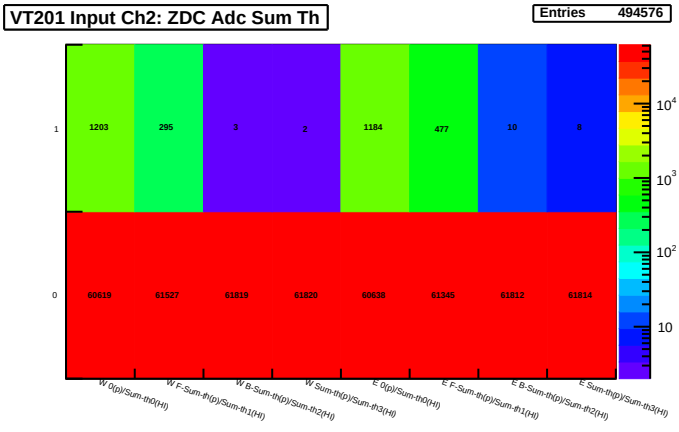

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

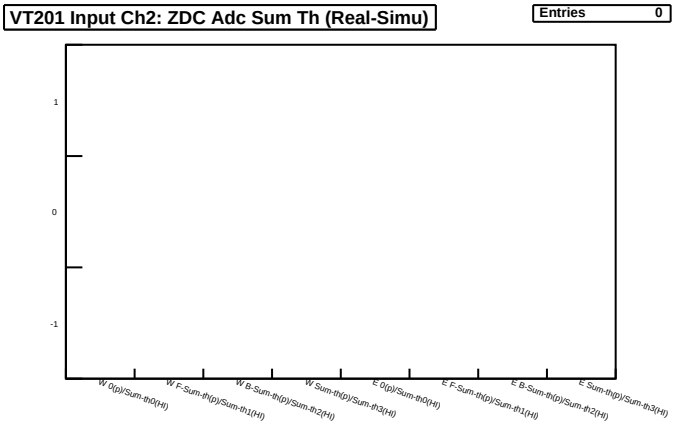

VT201 Input Ch1: EPD Hit Count Th
Entries 123644
57319
57055
4503
4767
East
West

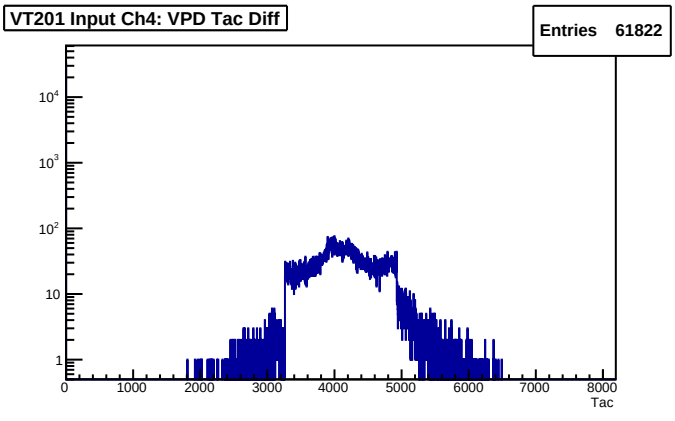

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

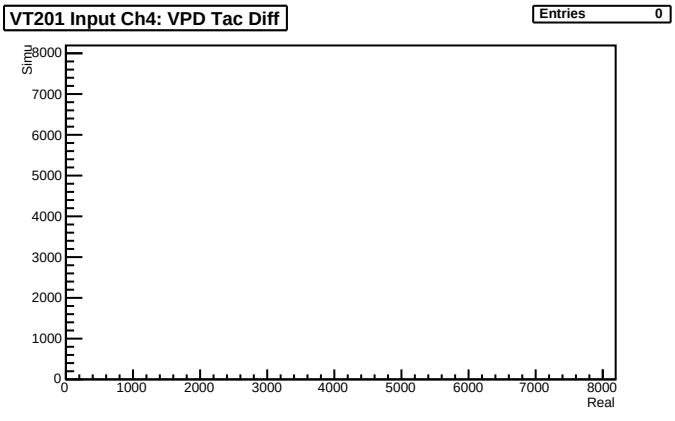

VT201 Input Ch2: ZDC Tac Diff
Entries 61822
Tac

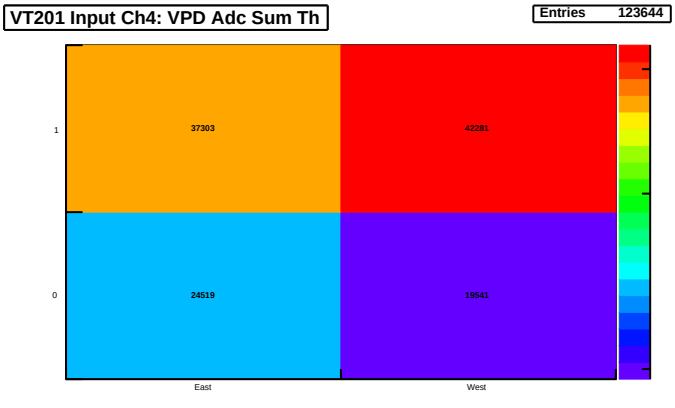

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

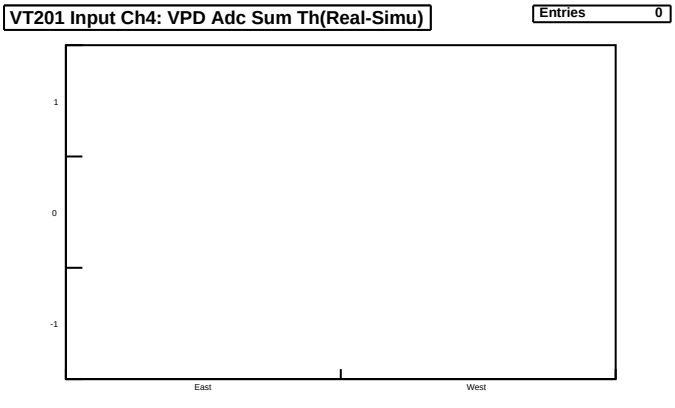

VT201 Input Ch2: ZDC Adc Sum Th
Entries 494576
1203
295
3
2
1184
477
10
8
60619
61527
61819
61820
60638
61345
61812
61814
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

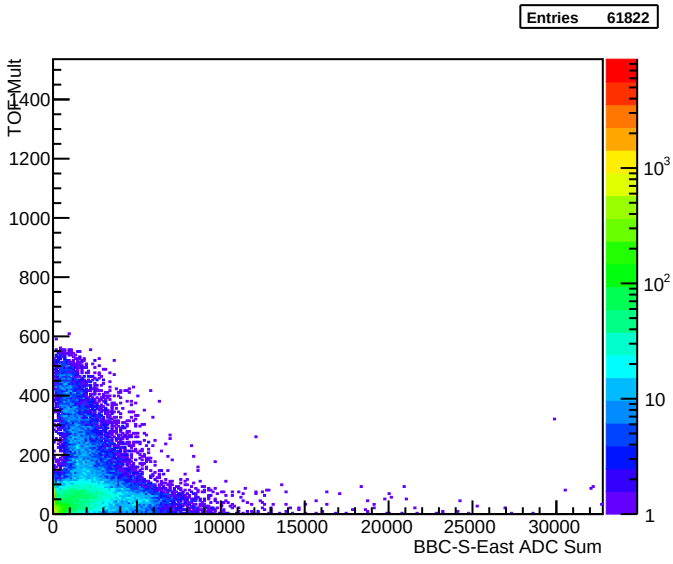

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

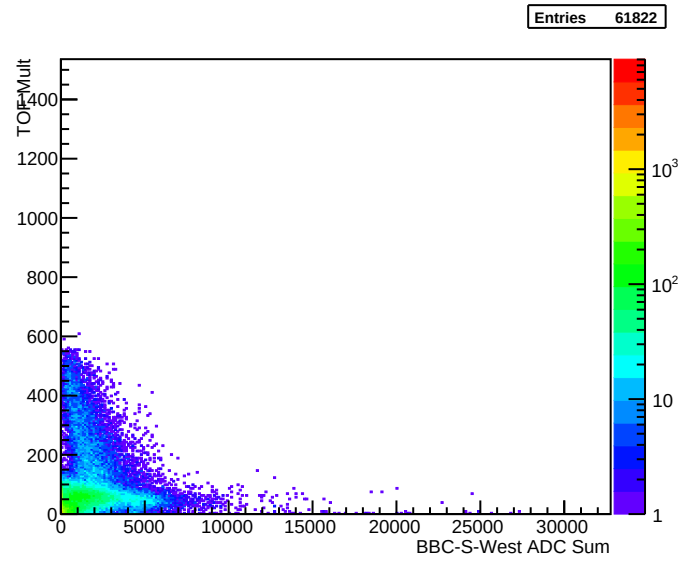

VT201 Input Ch4: VPD Tac Diff
Entries 61822
Tac

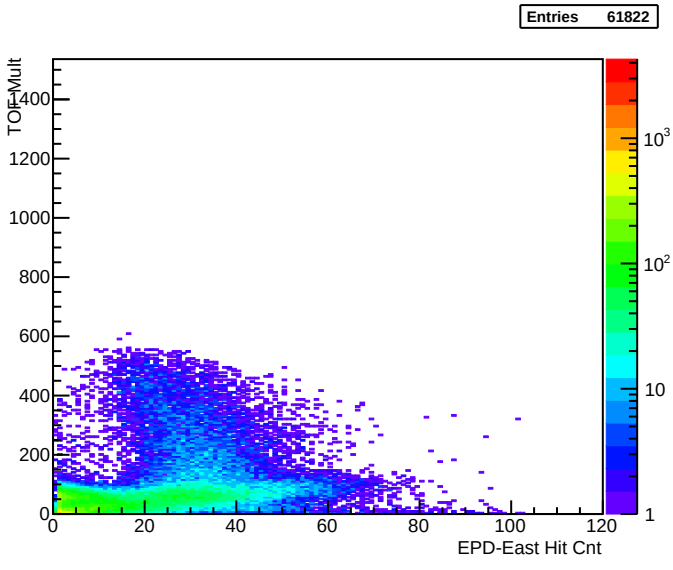

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

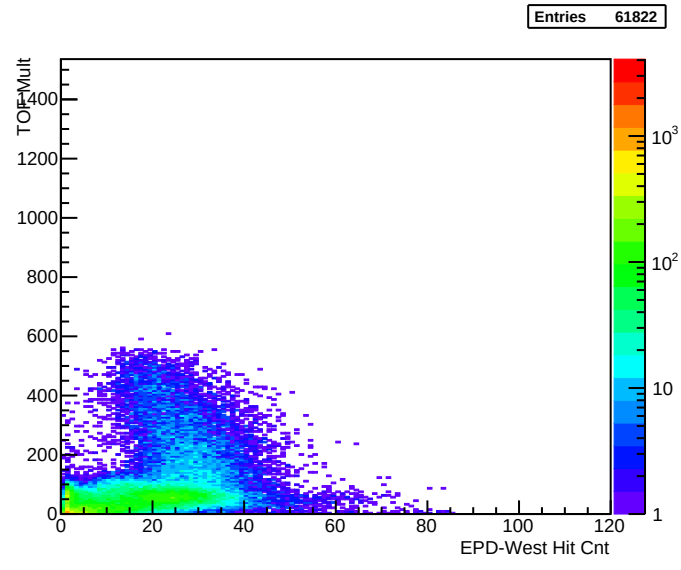

VT201 Input Ch4: VPD Adc Sum Th
Entries 123644
37303
42281
24519
19541
East
West

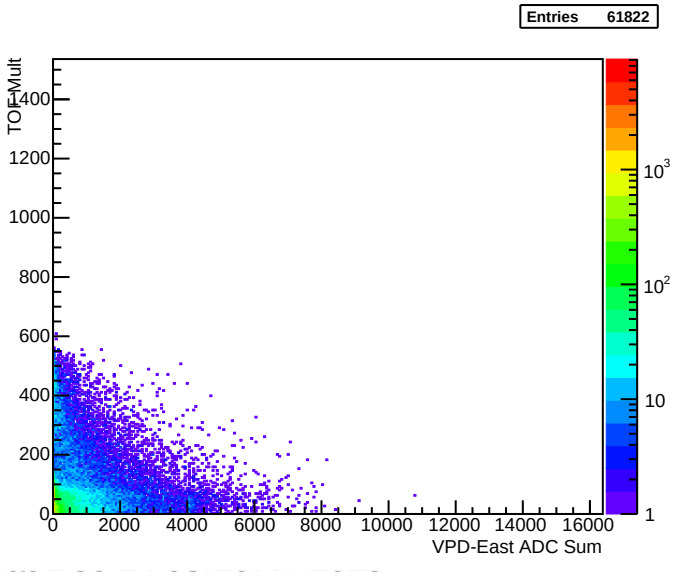

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

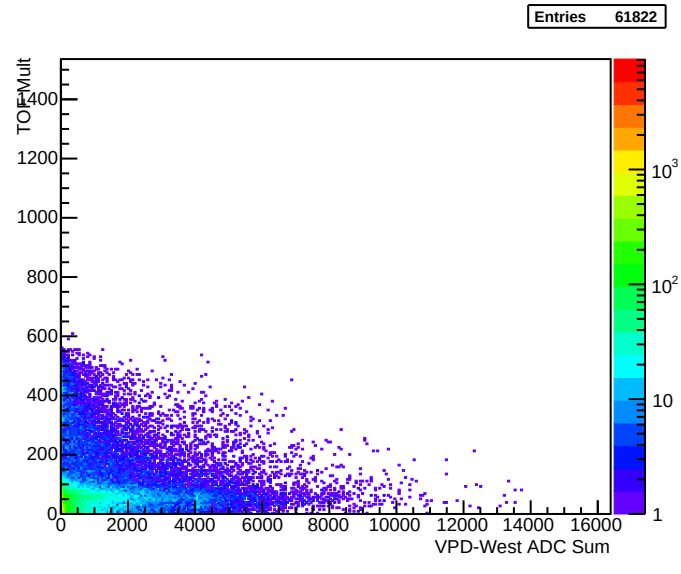

Entries 61822
TOF-Mult
BBC-S-East ADC Sum

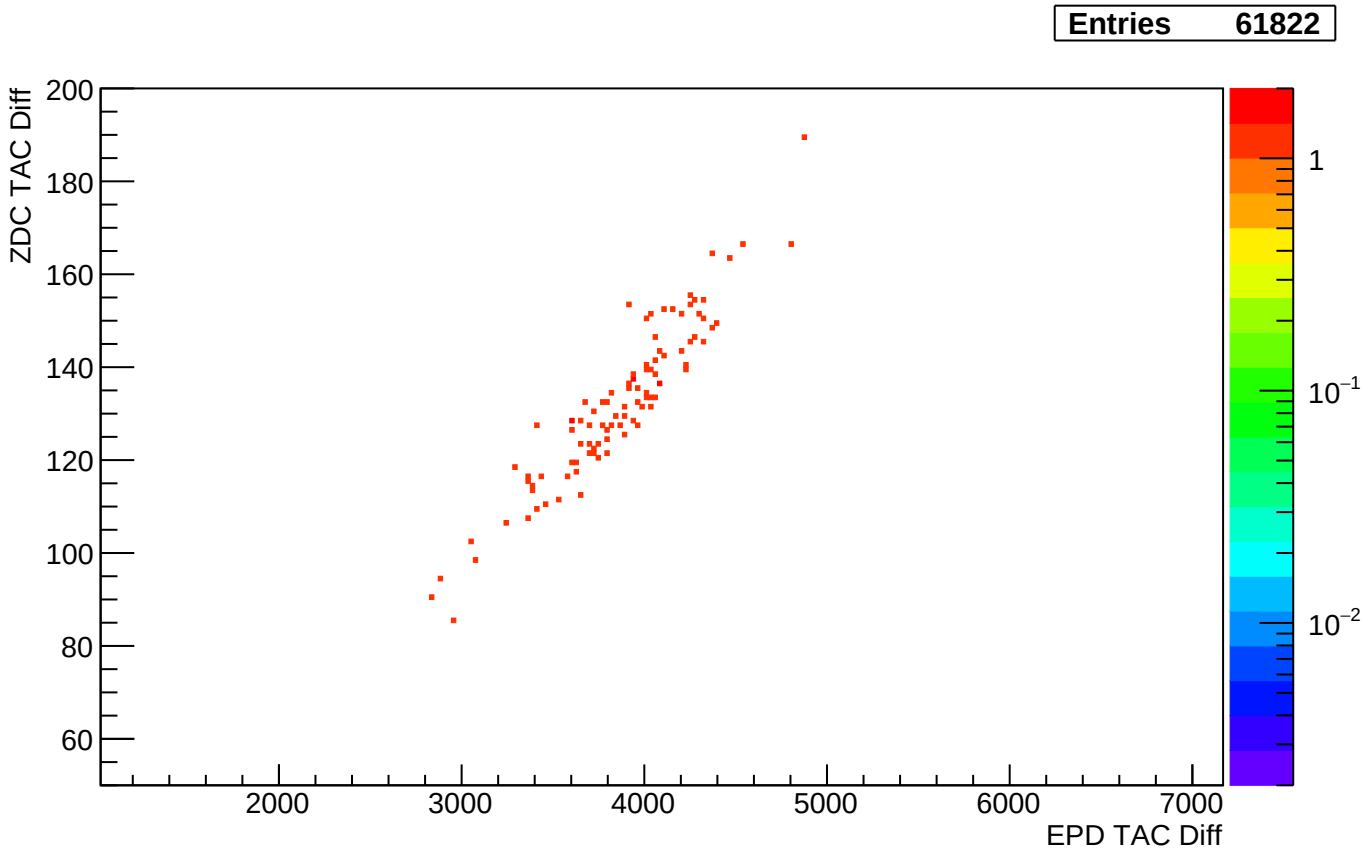

Entries 61822
TOF-Mult
BBC-S-West ADC Sum

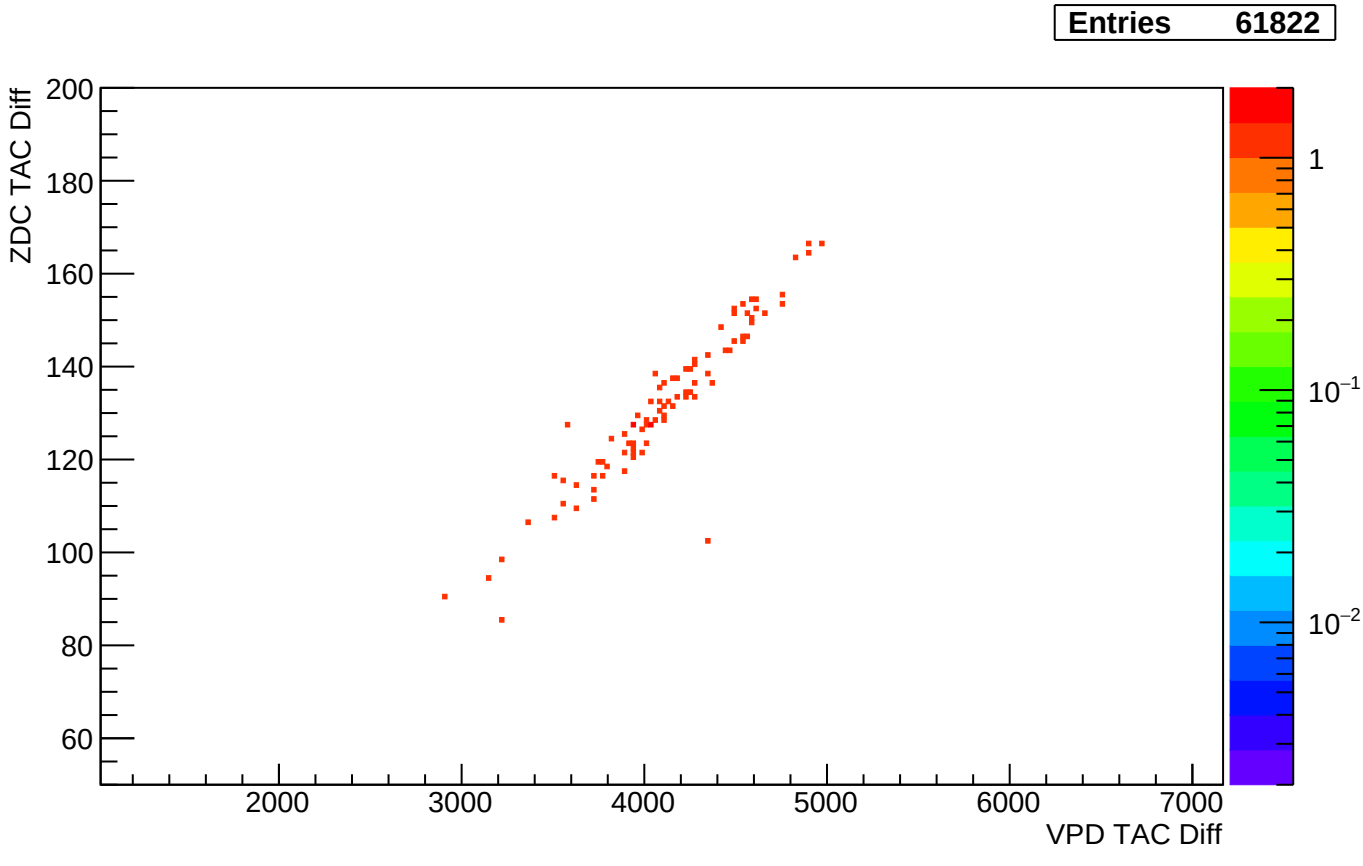

Entries 61822
TOF-Mult
EPD-East Hit Cnt

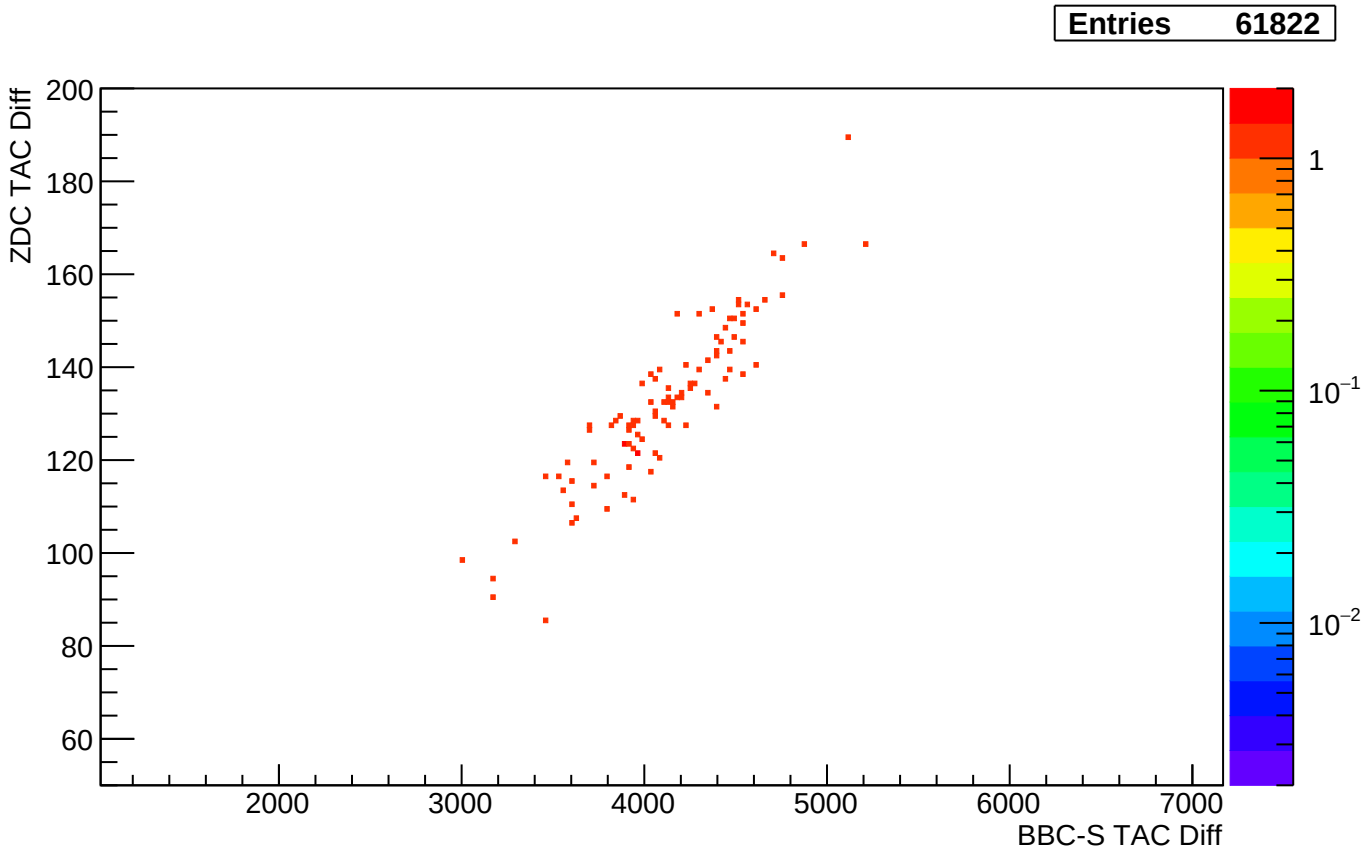

Entries 61822
TOF-Mult
EPD-West Hit Cnt

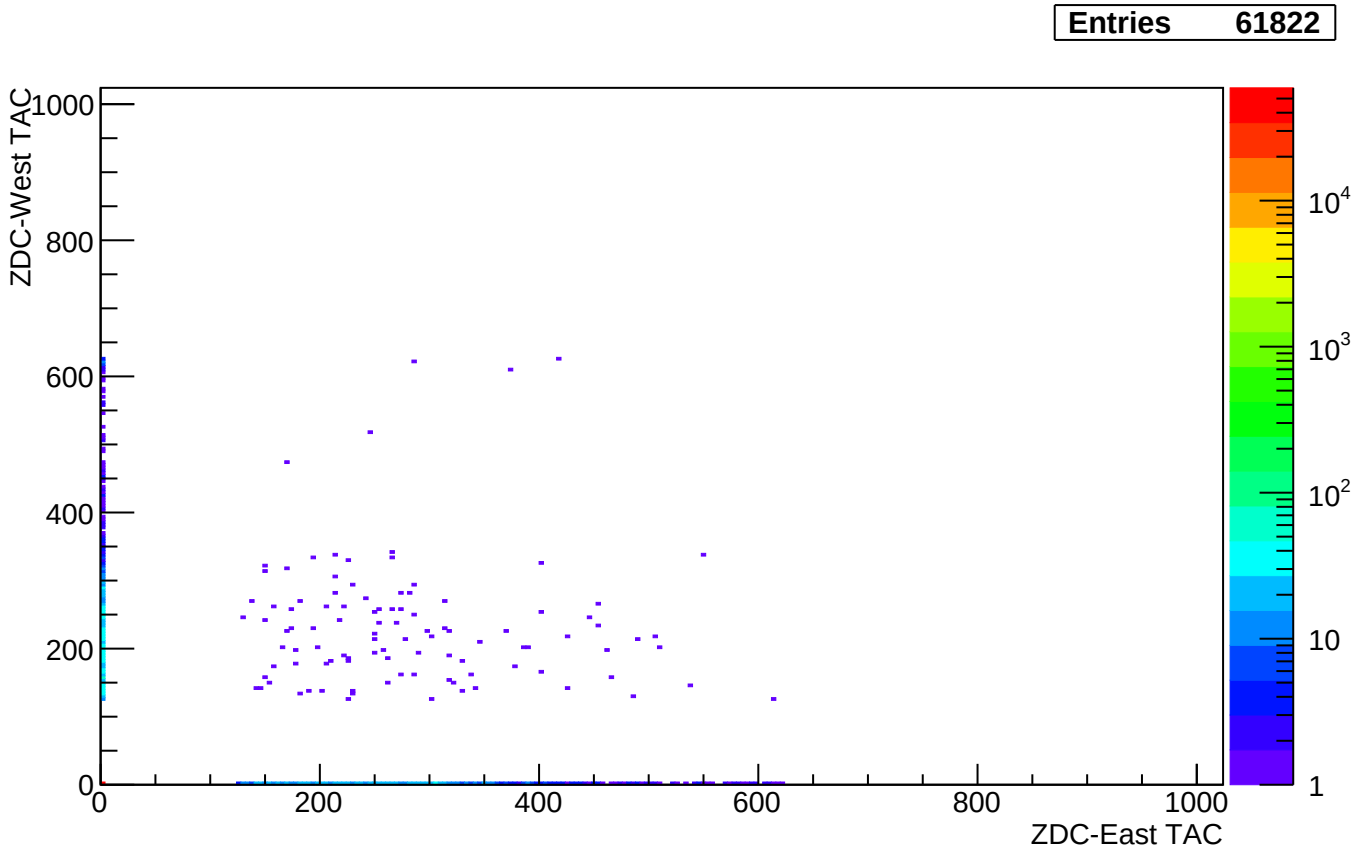

Entries 61822
TOF-Mult
VPD-East ADC Sum

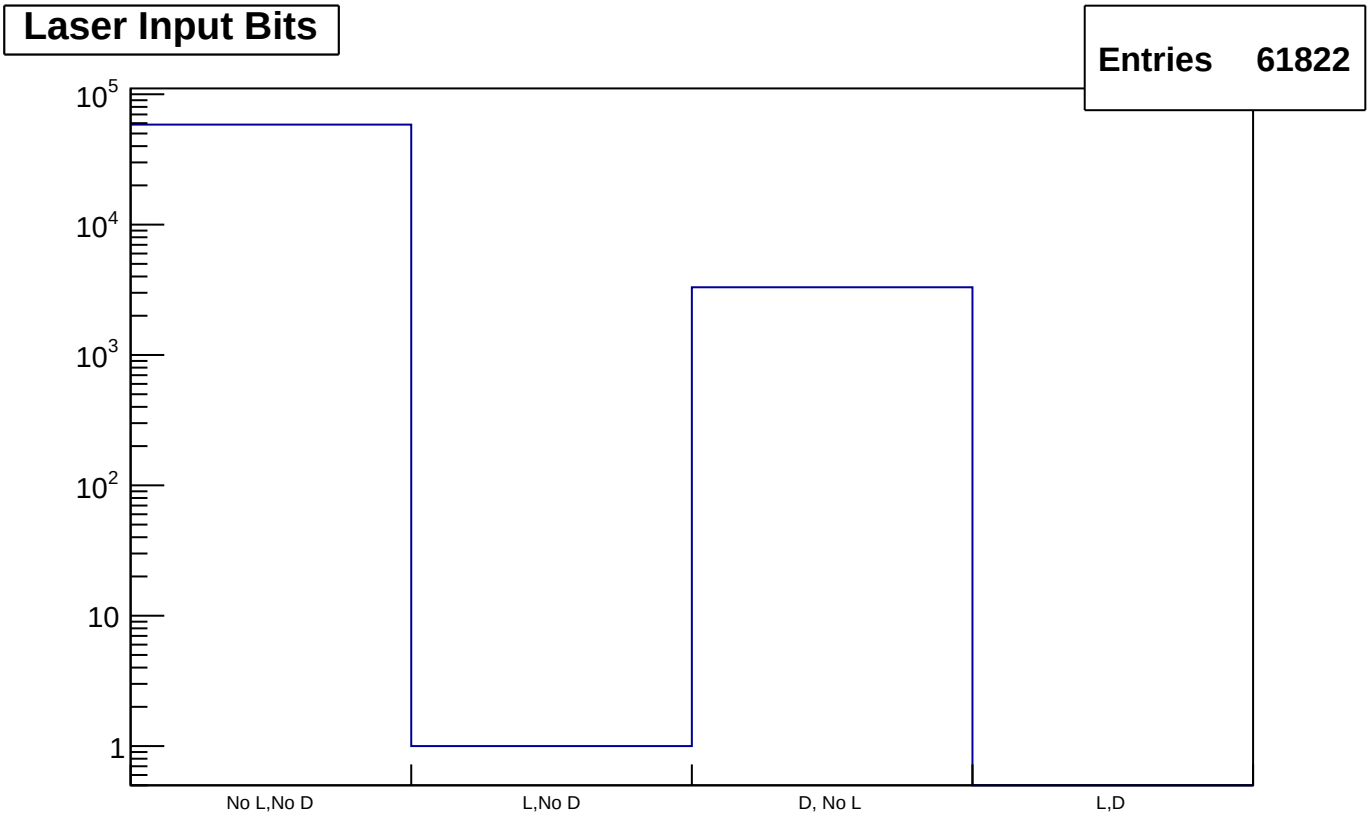

Entries 61822
TOF-Mult
VPD-West ADC Sum

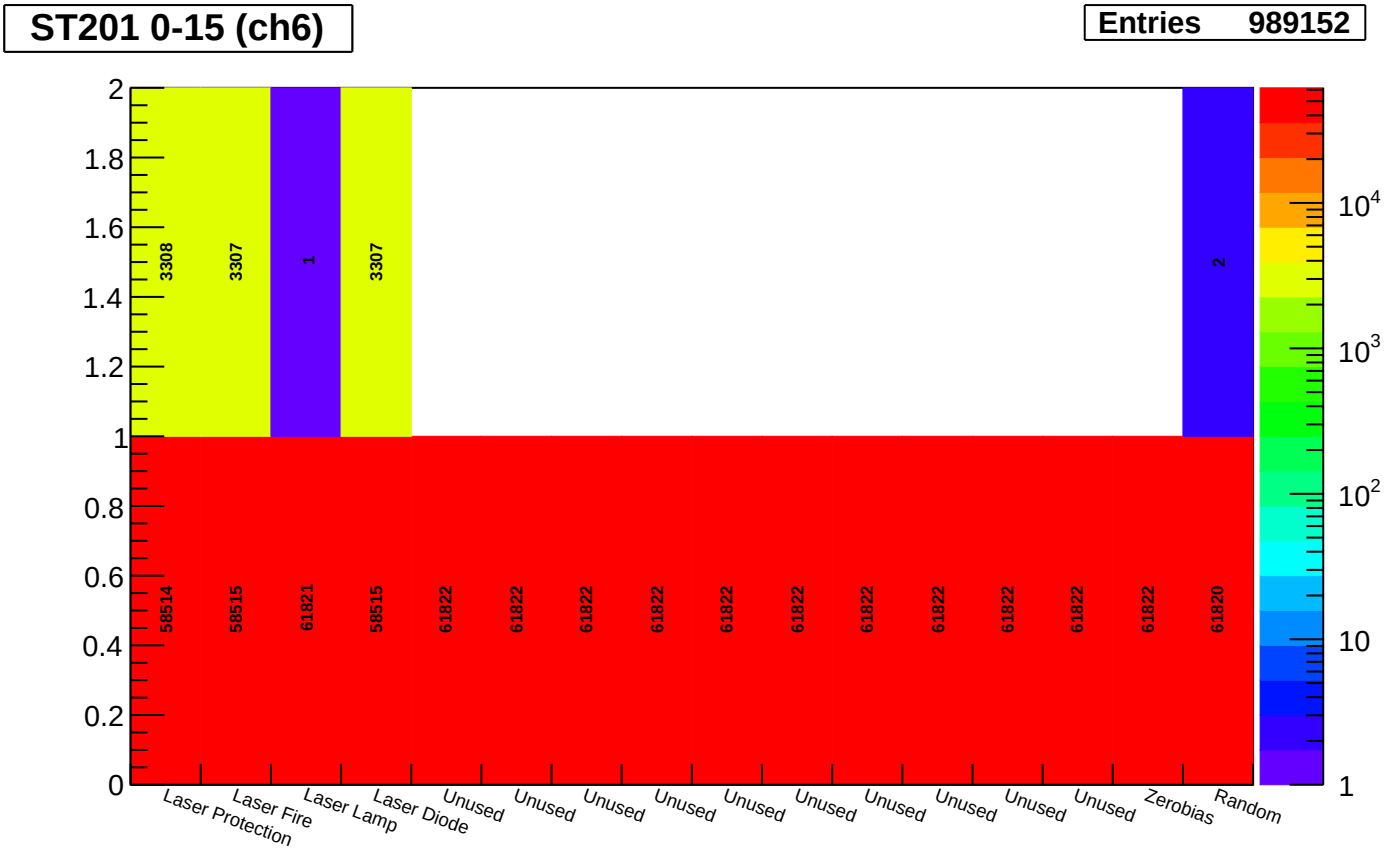

Entries 61822
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

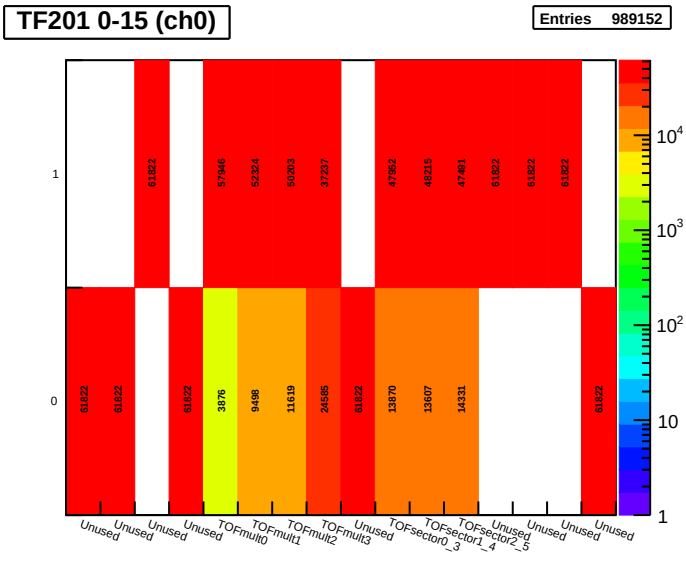

Entries 61822
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

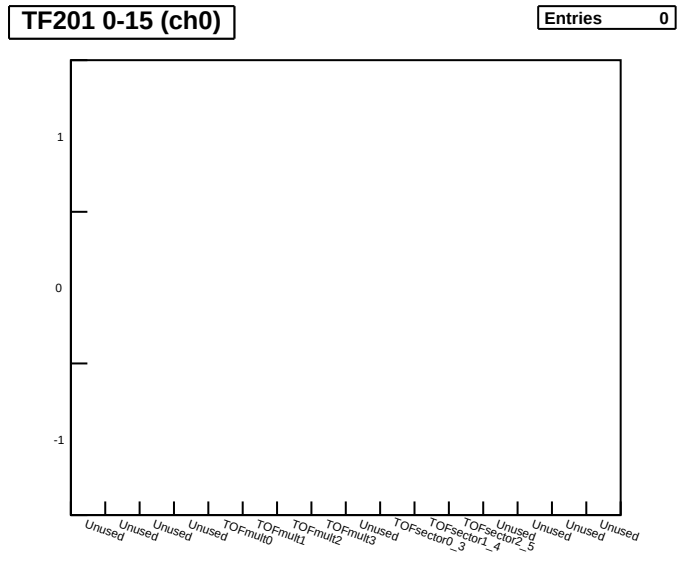

Entries 61822
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

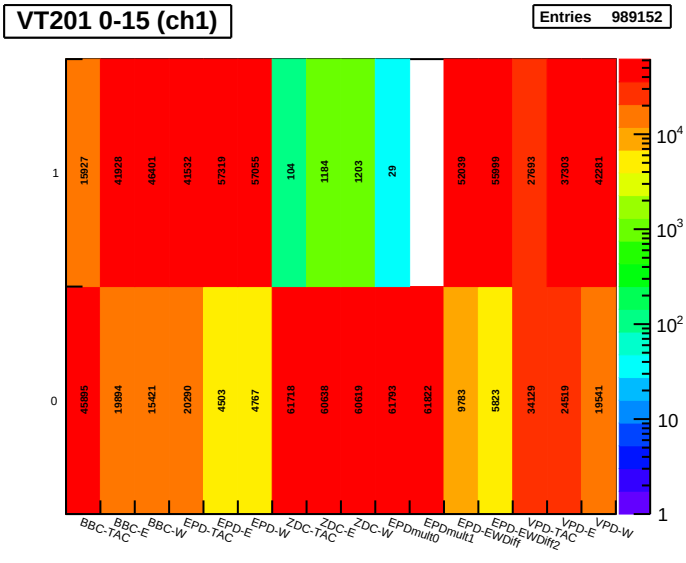

Entries 61822
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

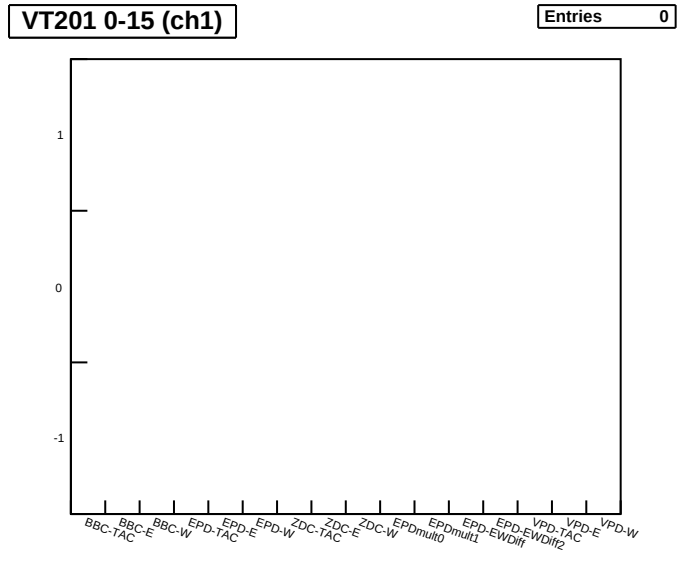

Laser Input Bits
Entries 61822
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

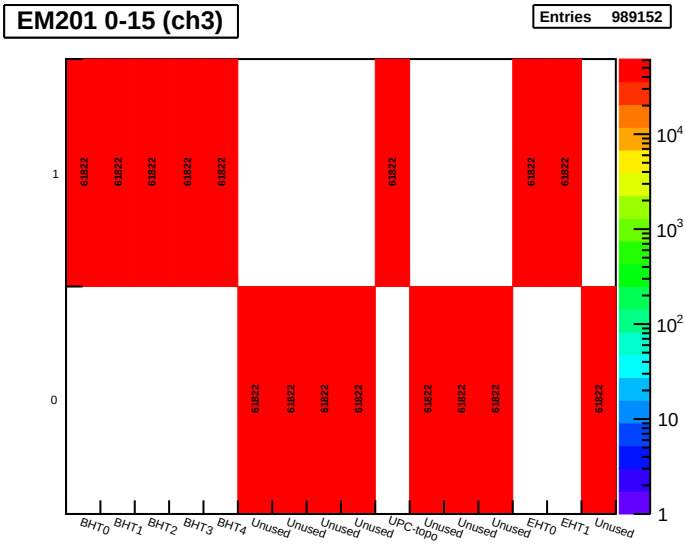

ST201 0-15 (ch6)
Entries 989152
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3308
3307
1
3307
2
58514
58515
61821
58515
61822
61822
61822
61822
61822
61822
61822
61822
61822
61822
61822
61820
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^4
10^3
10^2
10
1

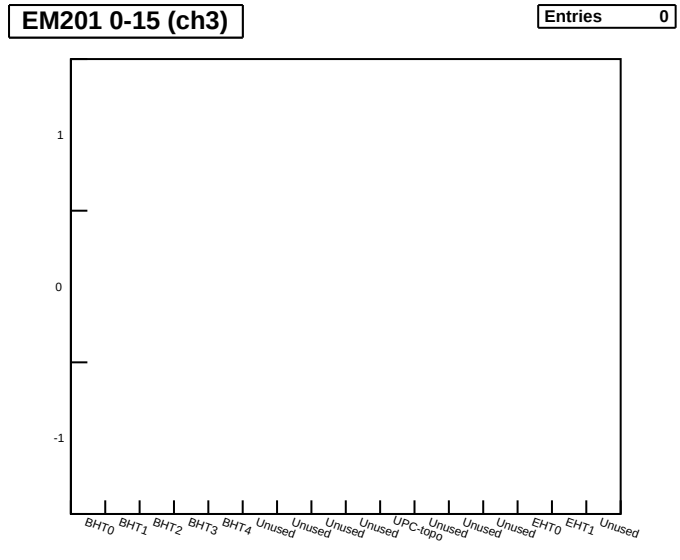

TF201 0-15 (ch0)
Entries 989152
1
0
61822 57946 52324 50203 37237 47952 48215 47491 61822 61822 61822
61822 61822 61822 3876 9498 11619 24585 61822 13870 13607 14331 61822
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 989152
1
0
19927 41928 45401 41532 57319 57055 104 1184 1203 29 52039 55999 27693 37303 42281
45895 19894 15421 20290 4503 4767 61718 60638 60619 61793 61822 9783 5823 34129 24519 19541
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 989152
1
0
61822 61822 61822 61822 61822 61822 61822 61822
61822 61822 61822 61822 61822 61822 61822 61822
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^4 10^3 10^2 10 1


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