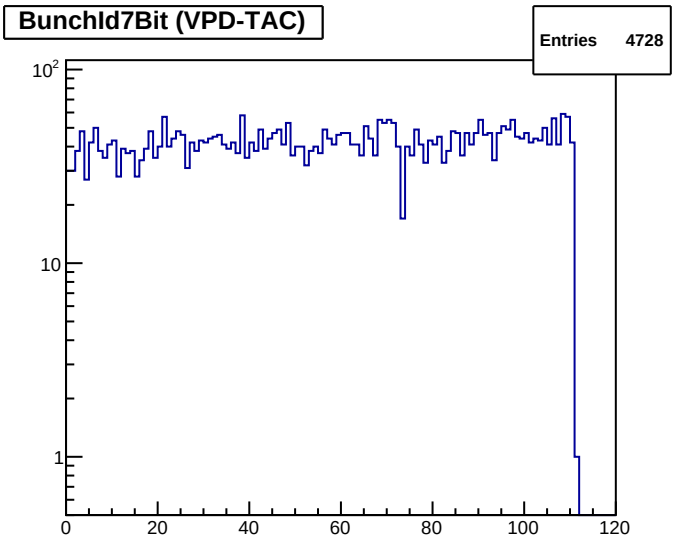
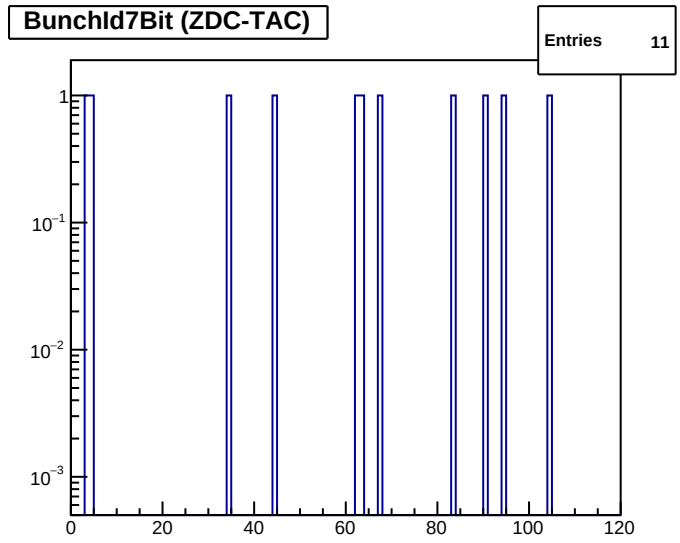
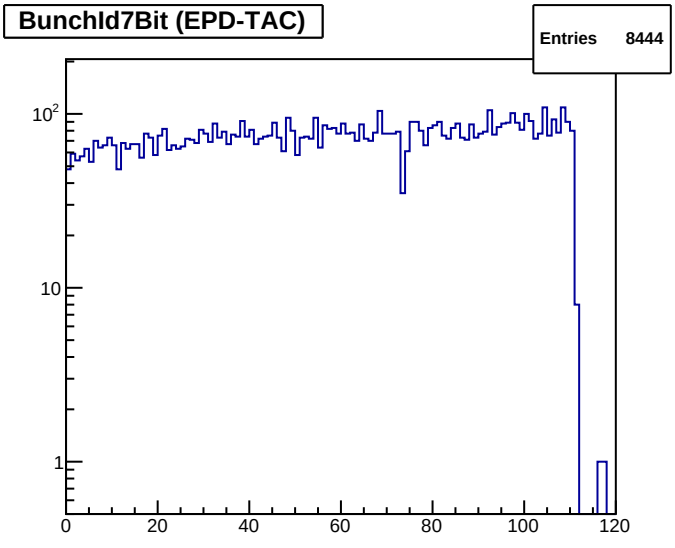
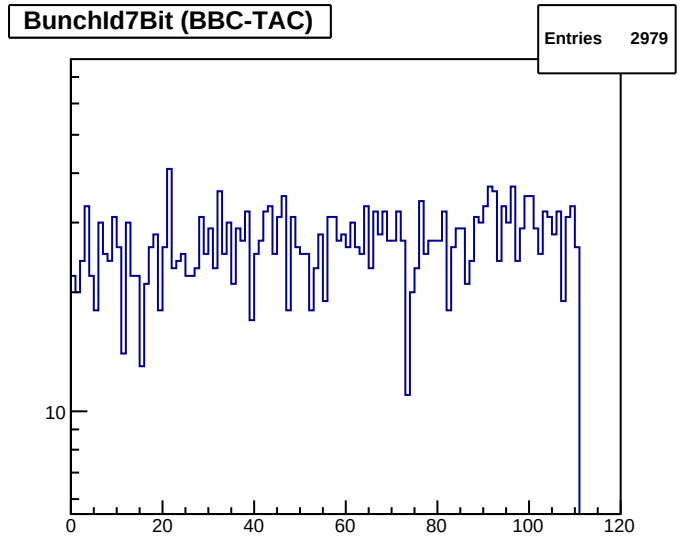
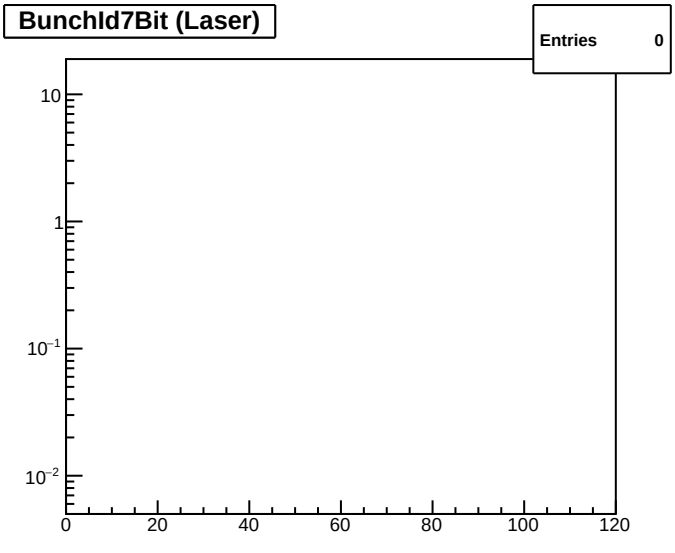
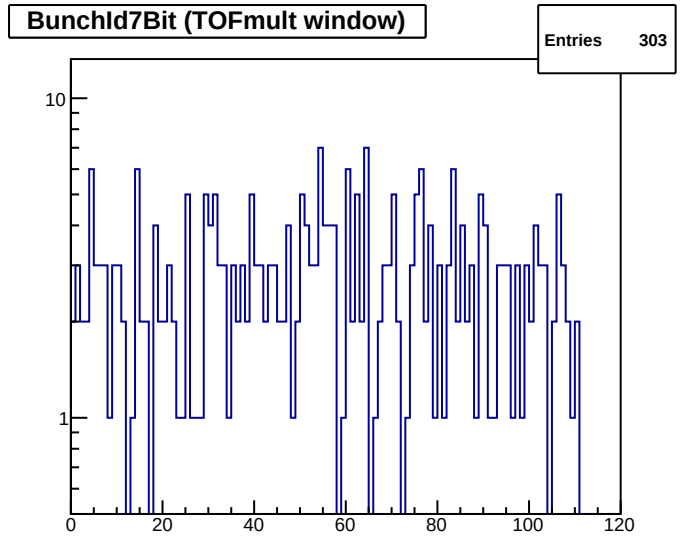

BunchId7Bit (VPD-TAC)
Entries 4728

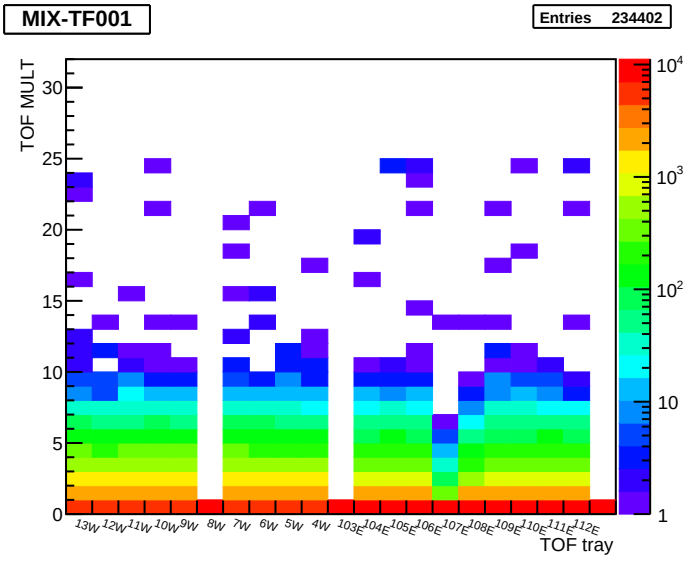

BunchId7Bit (ZDC-TAC)
Entries 11

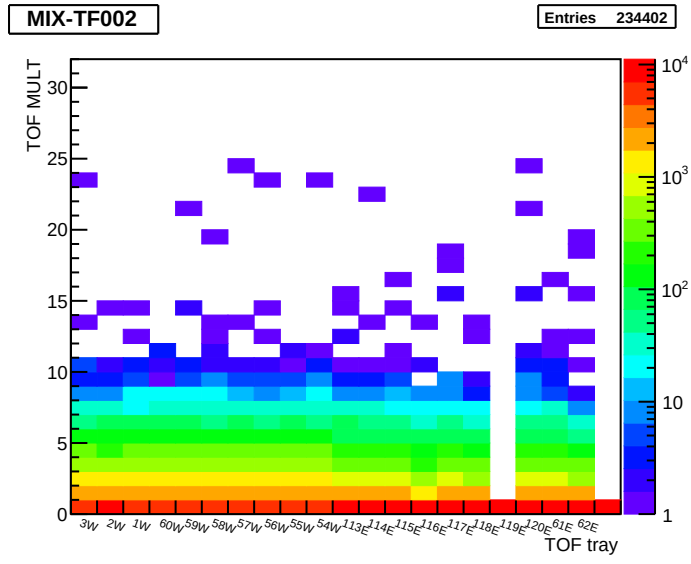

BunchId7Bit (EPD-TAC)
Entries 8444

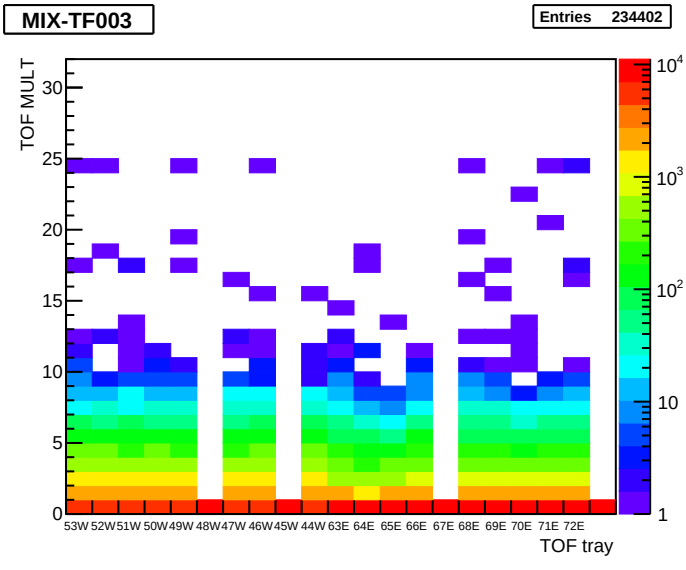

BunchId7Bit (BBC-TAC)
Entries 2979

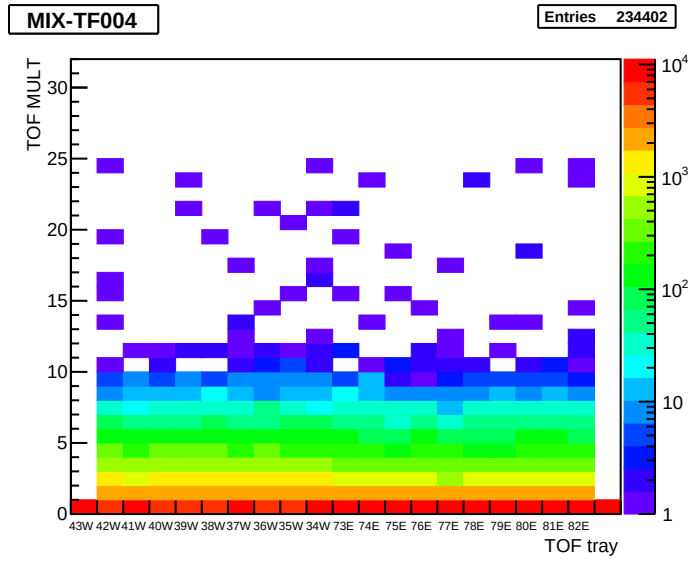

BunchId7Bit (Laser)
Entries 0

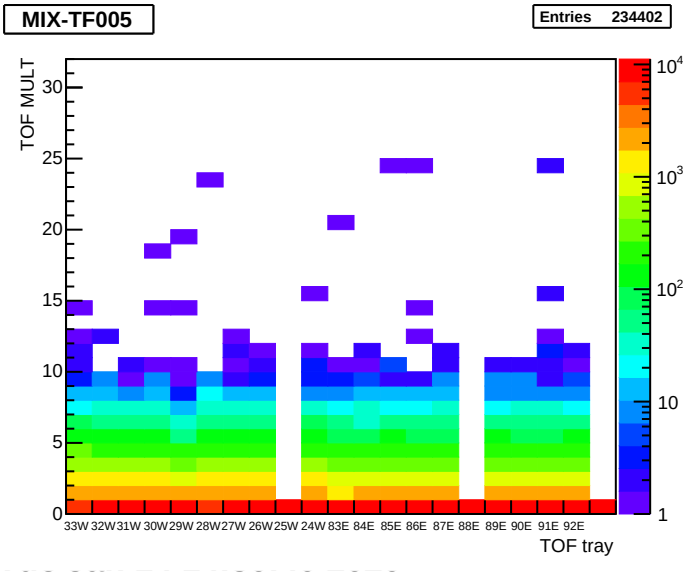

BunchId7Bit (TOFmult window)
Entries 303

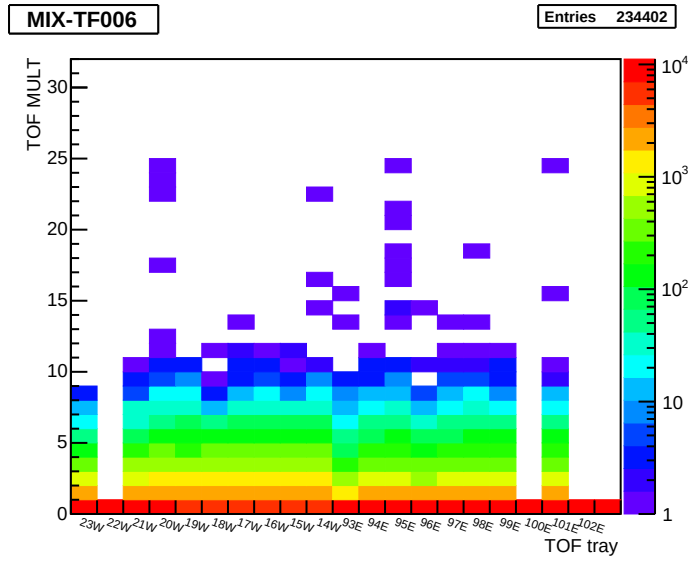

MIX-TF001
Entries 234402
TOF MULT
TOF tray

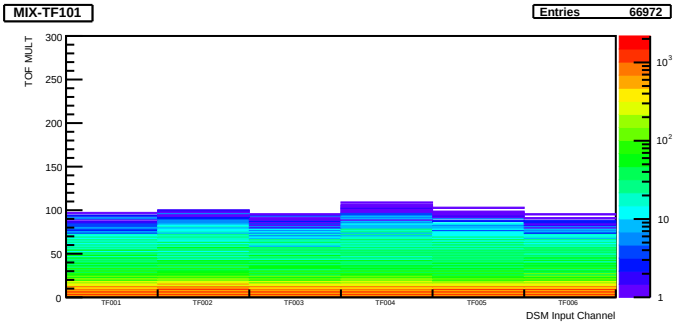

MIX-TF002
Entries 234402
TOF MULT
TOF tray

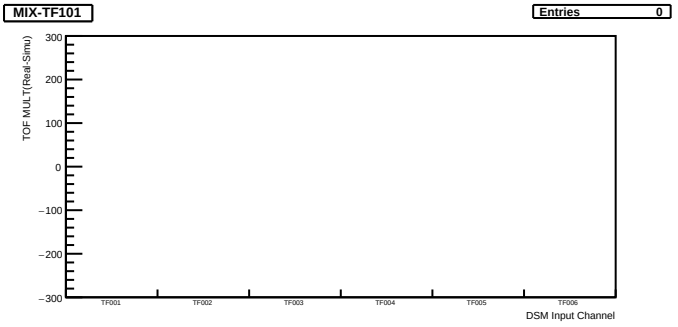

MIX-TF003
Entries 234402
TOF MULT
TOF tray

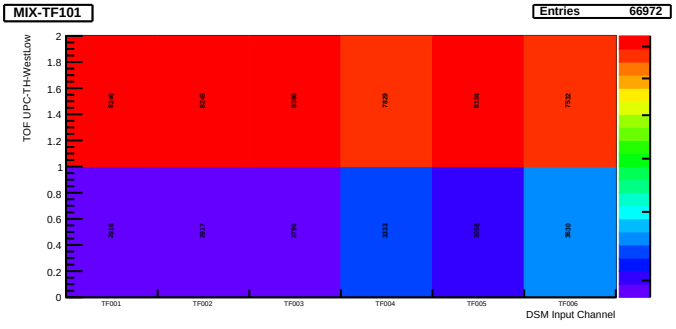

MIX-TF004
Entries 234402
TOF MULT
TOF tray

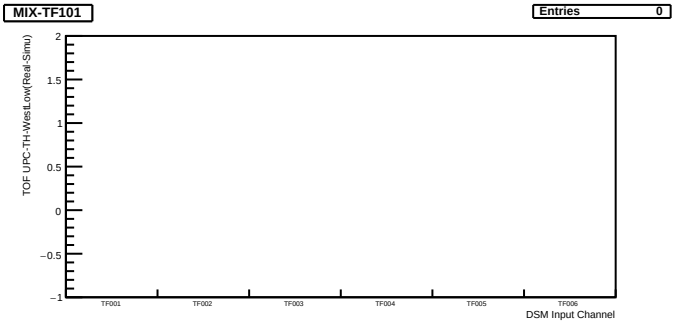

MIX-TF005
Entries 234402
TOF MULT
TOF tray

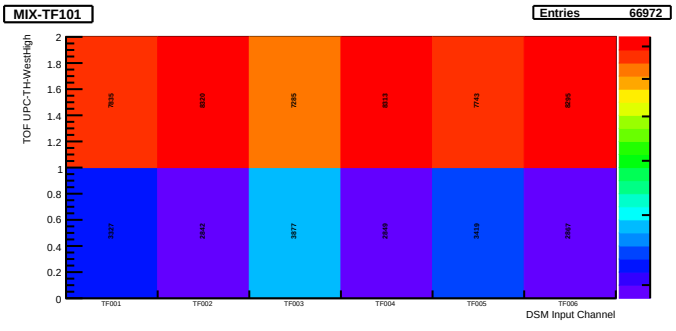

MIX-TF006
Entries 234402
TOF MULT
TOF tray

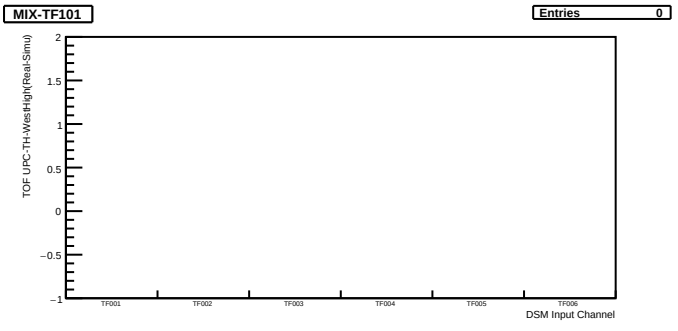

MIX-TF101
Entries 66972
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

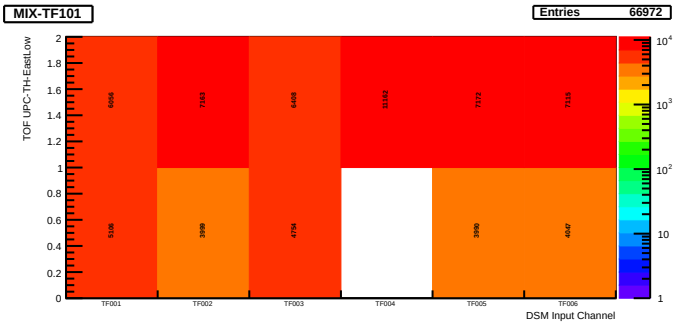

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

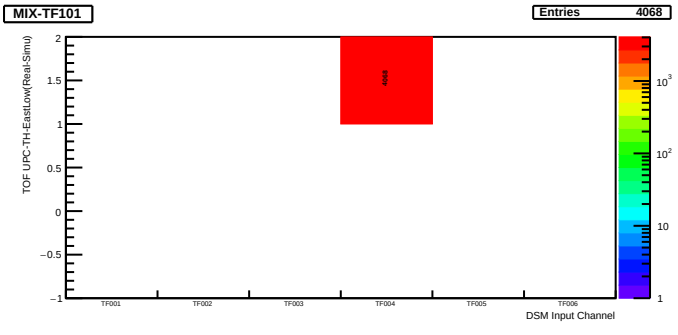

MIX-TF101
Entries 66972
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

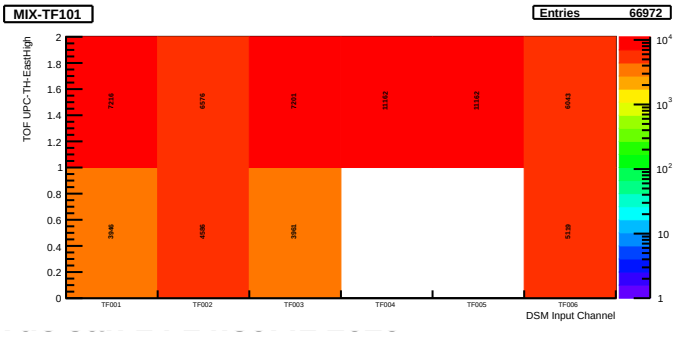

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

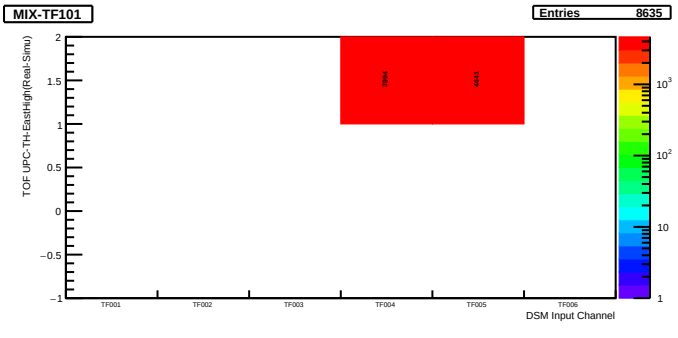

MIX-TF101
Entries 66972
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

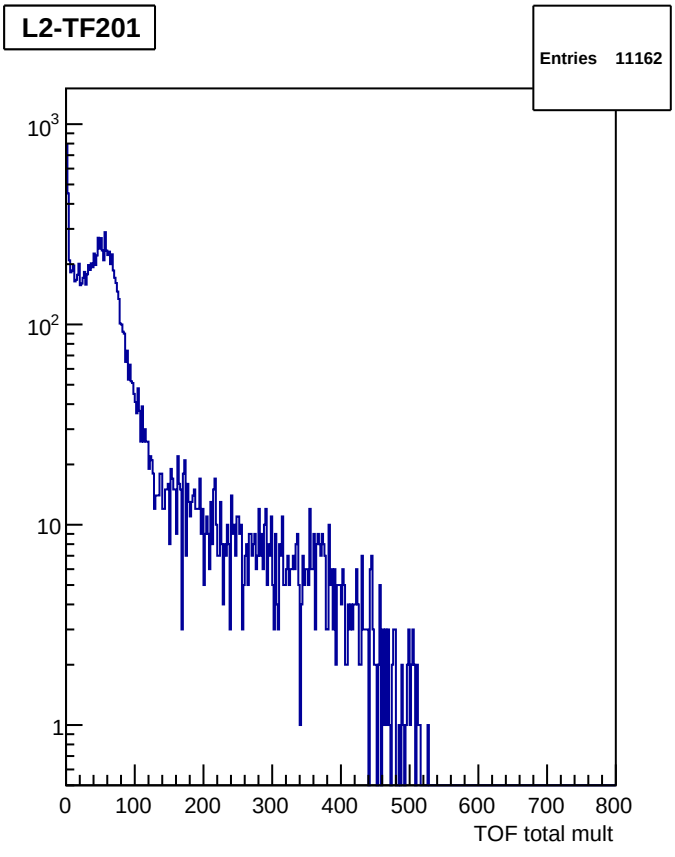

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

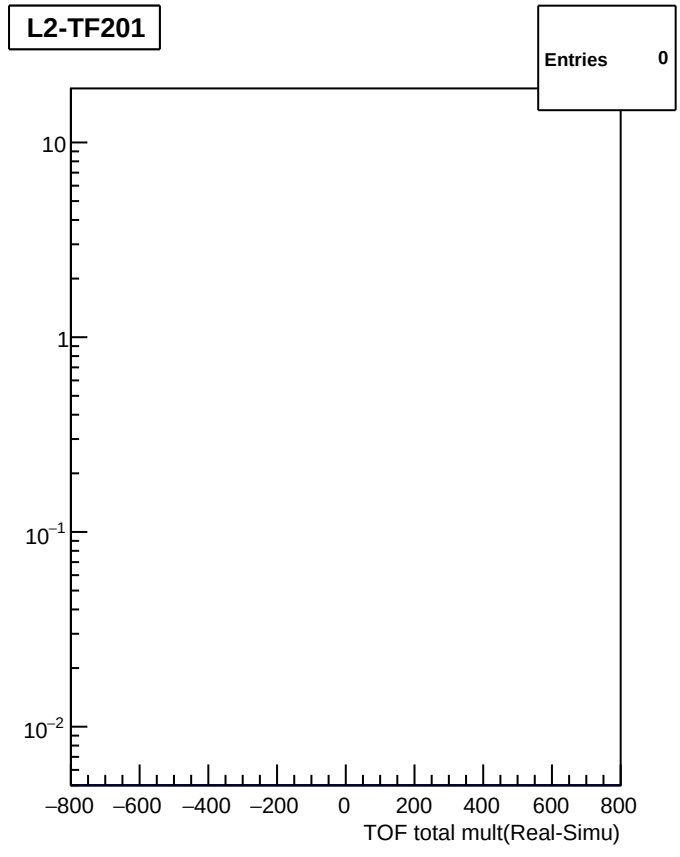

MIX-TF101
Entries 66972
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

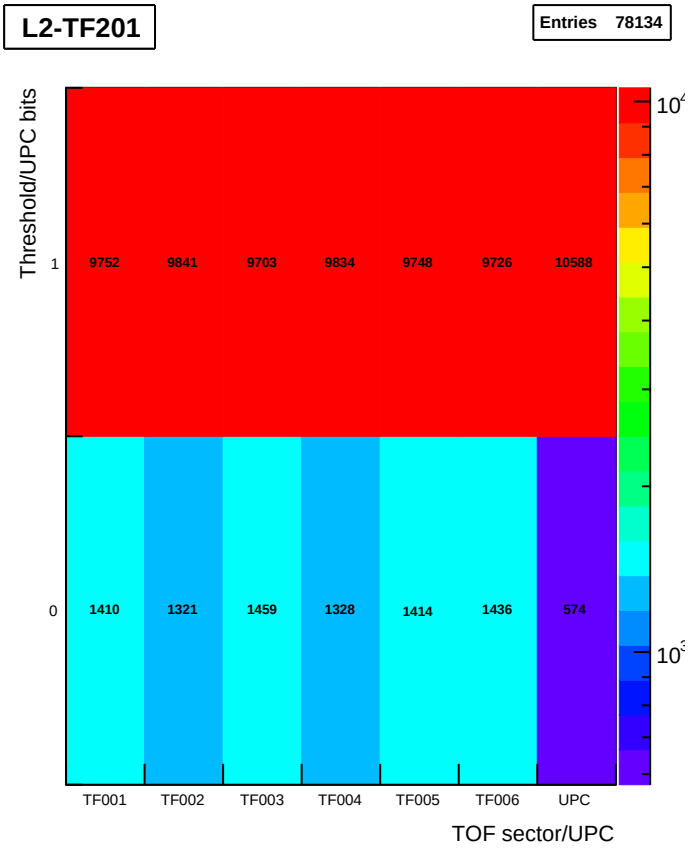

MIX-TF101
Entries 4068
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

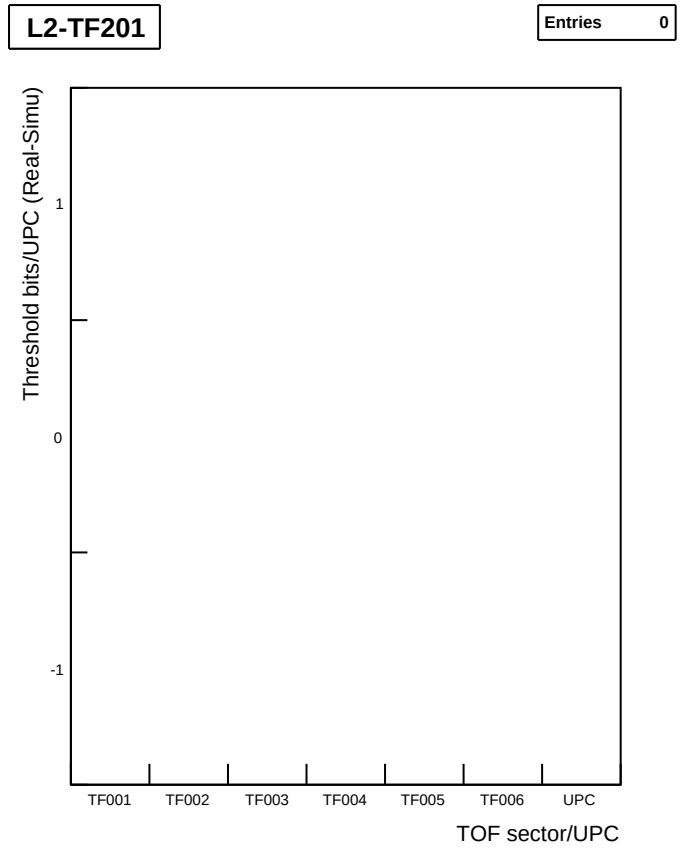

MIX-TF101
Entries 66972
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

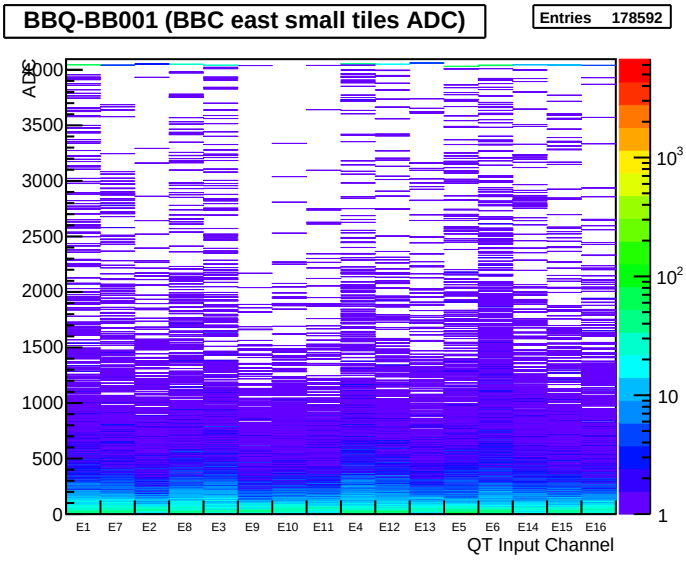

MIX-TF101
Entries 8635
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

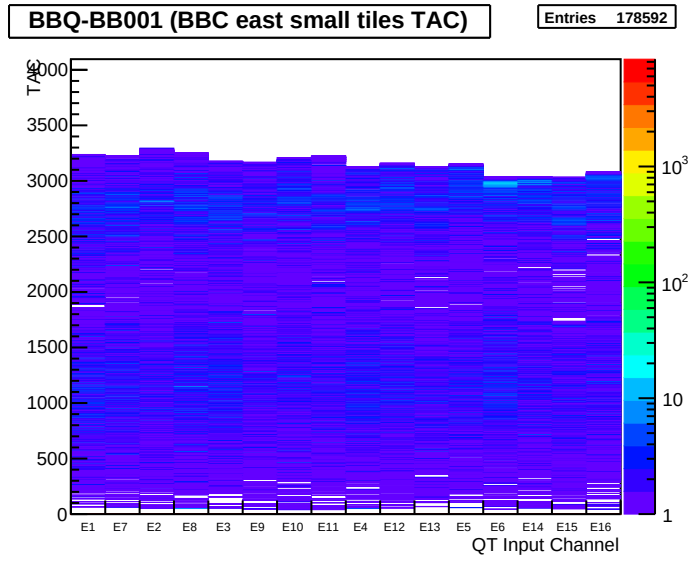

L2-TF201
Entries 11162
TOF total mult

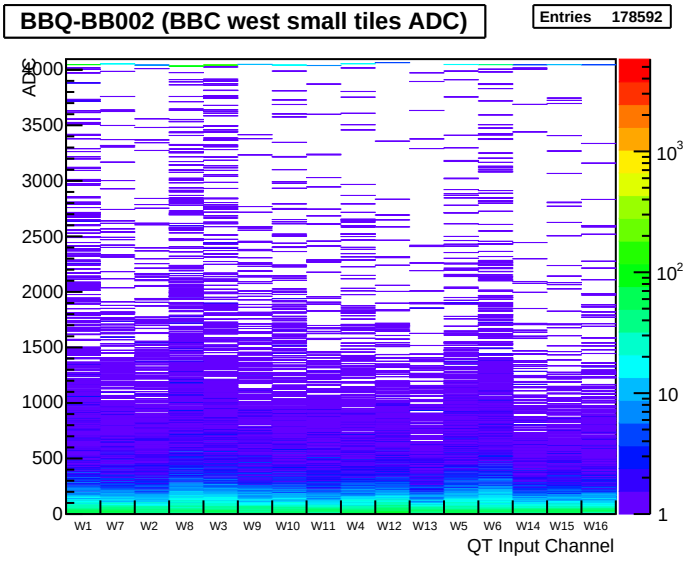

L2-TF201
Entries 0
TOF total mult(Real-Simu)

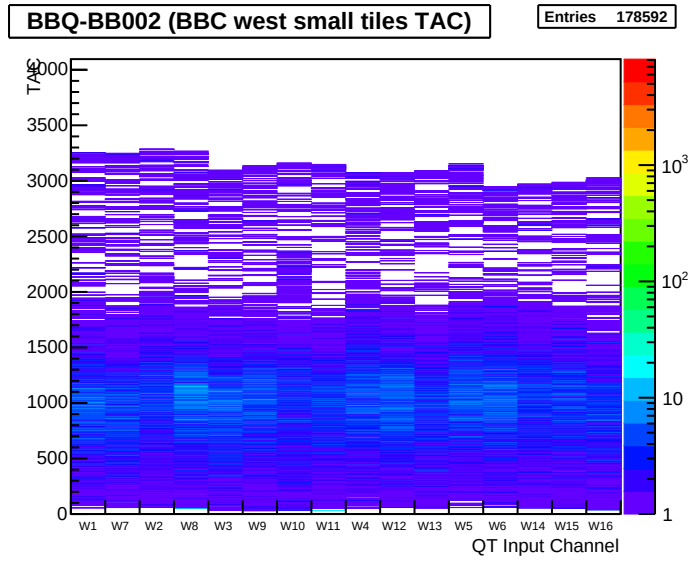

L2-TF201
Entries 78134
Threshold/UPC bits
9752
9841
9703
9834
9748
9726
10588
1410
1321
1459
1328
1414
1436
574
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

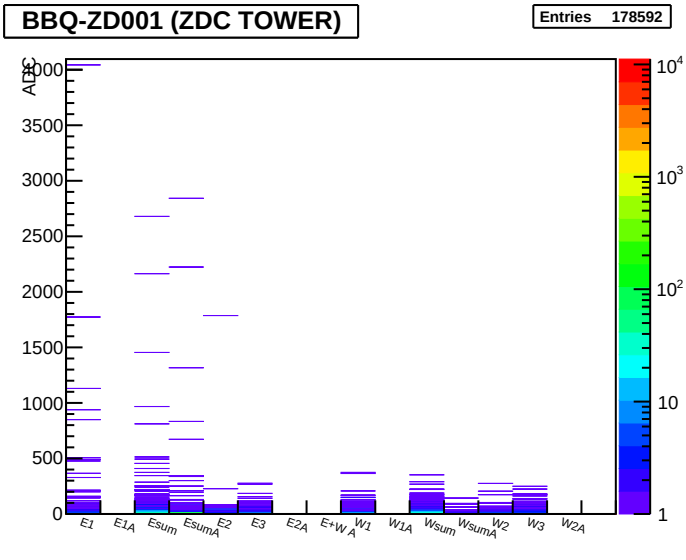

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

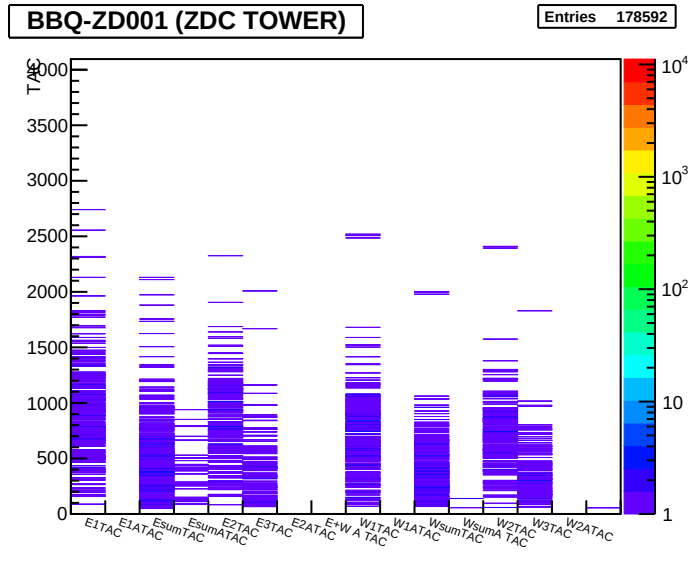

BBQ-BB001 (BBC east small tiles ADC)
Entries 178592
ADC
QT Input Channel

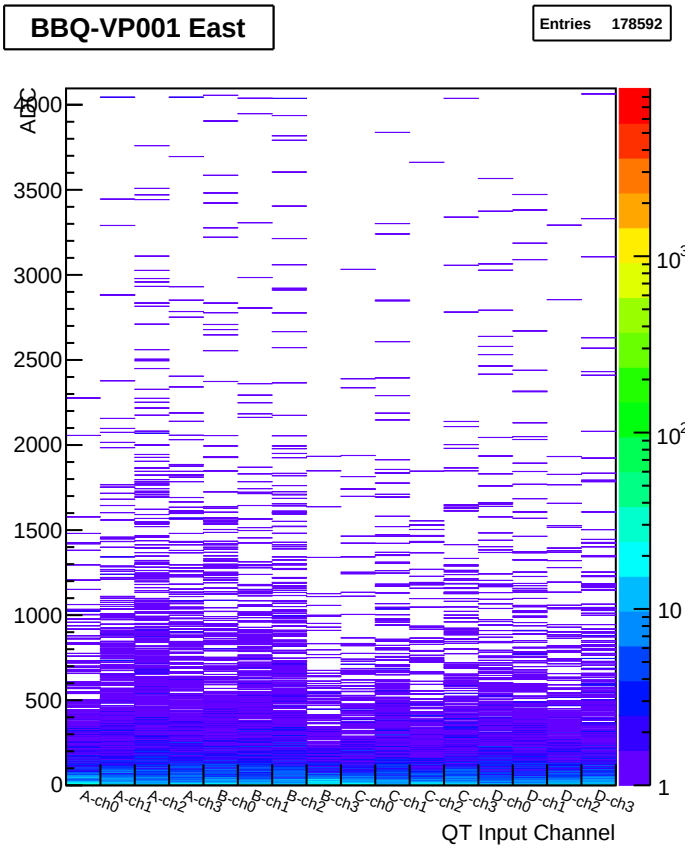

BBQ-BB001 (BBC east small tiles TAC)
Entries 178592
TAC
QT Input Channel

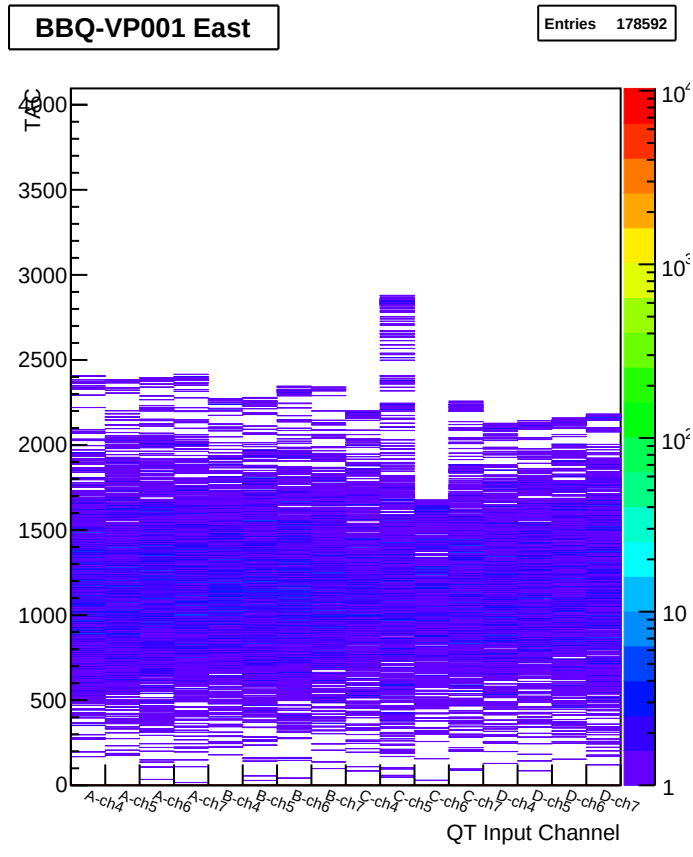

BBQ-BB002 (BBC west small tiles ADC)
Entries 178592
ADC
QT Input Channel

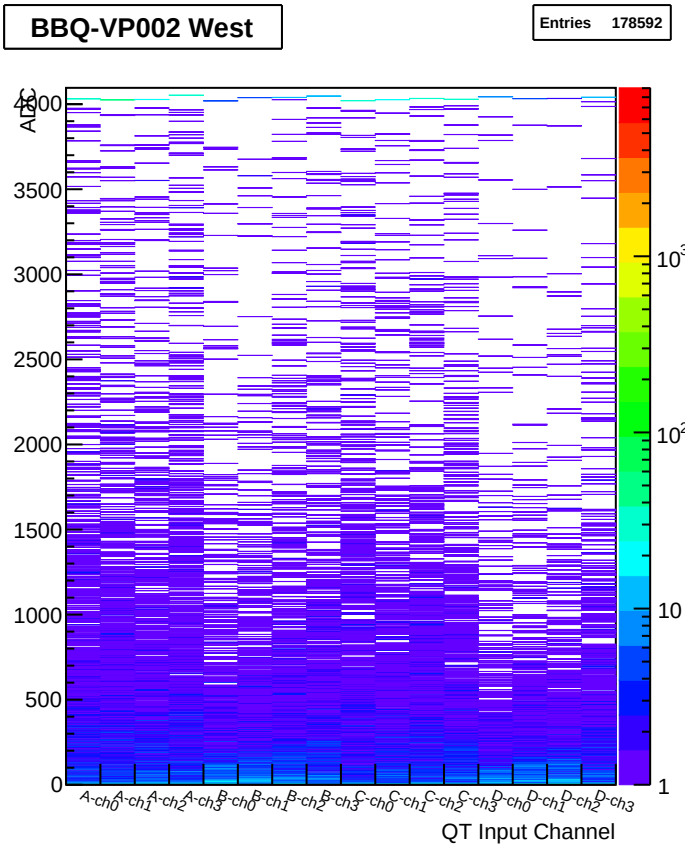

BBQ-BB002 (BBC west small tiles TAC)
Entries 178592
TAC
QT Input Channel

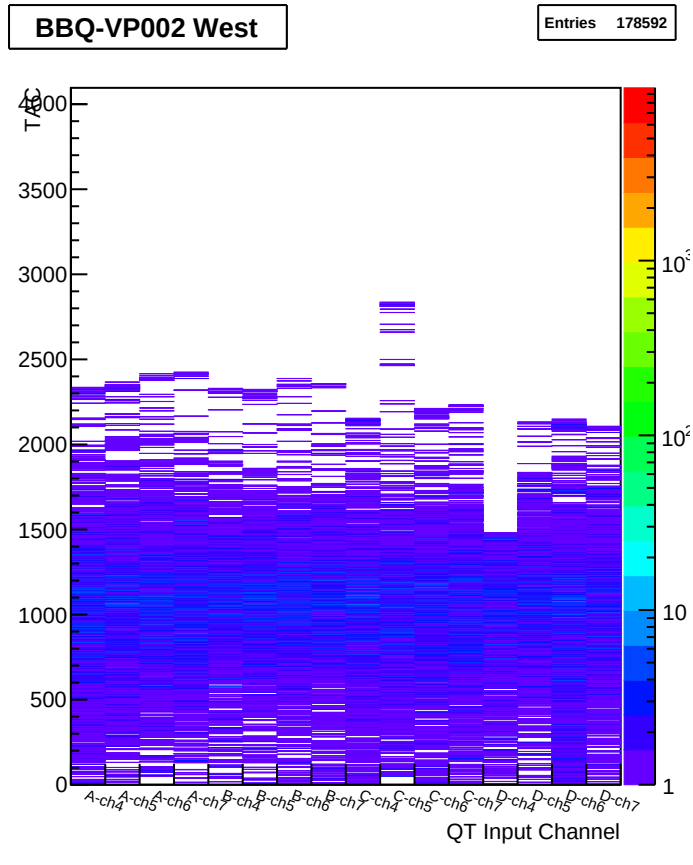

BBQ-ZD001 (ZDC TOWER)
Entries 178592
ADC

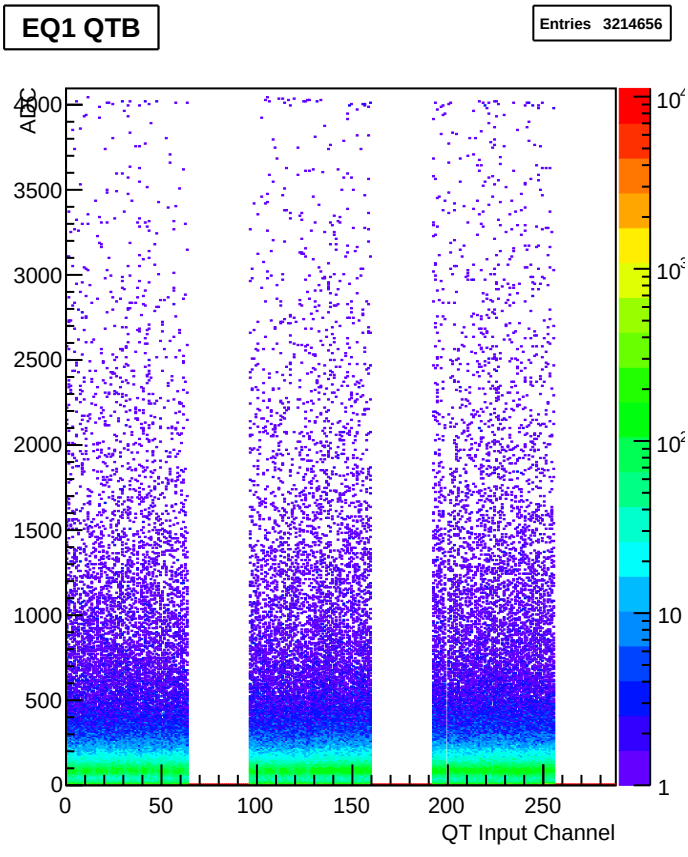

BBQ-ZD001 (ZDC TOWER)
Entries 178592
TAC

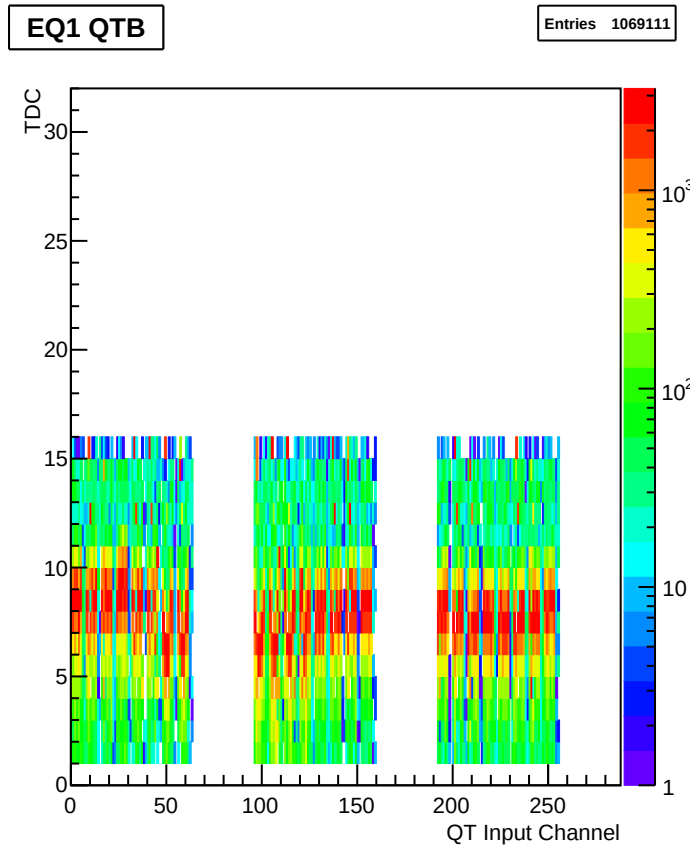

BBQ-VP001 East
Entries 178592
ADC
QT Input Channel

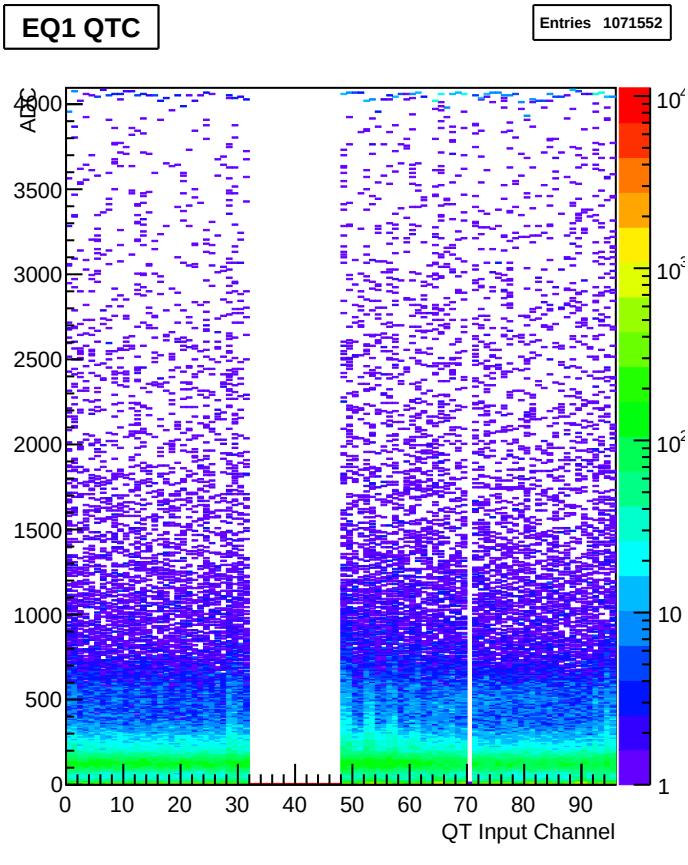

BBQ-VP001 East
Entries 178592
TAC
QT Input Channel

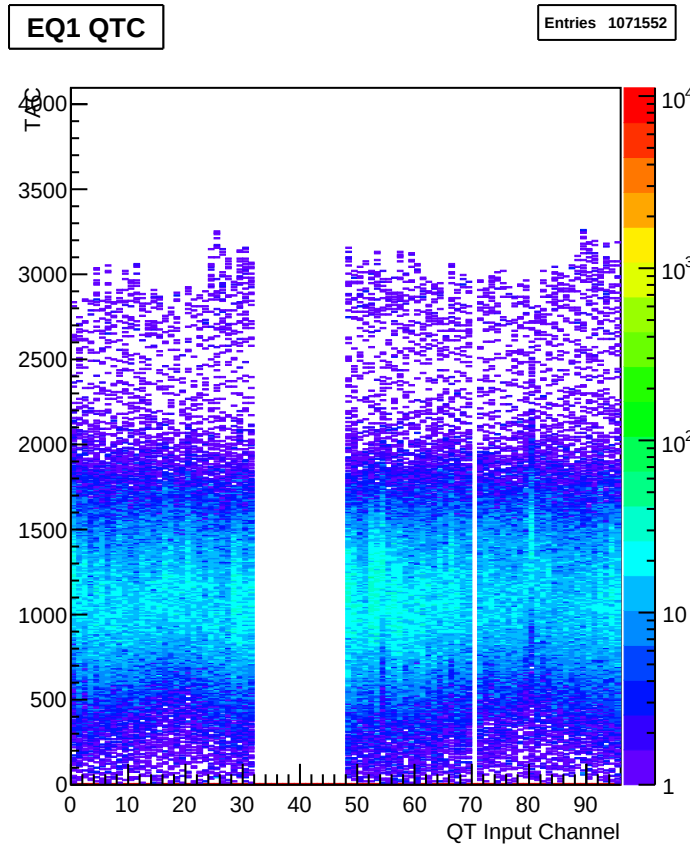

BBQ-VP002 West
Entries 178592
ADC
QT Input Channel

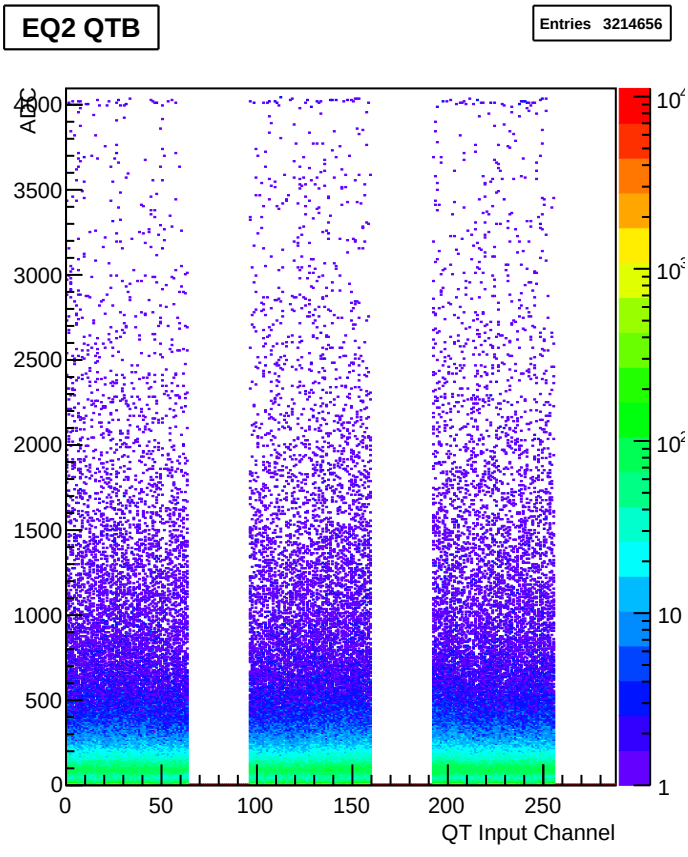

BBQ-VP002 West
Entries 178592
TAC
QT Input Channel

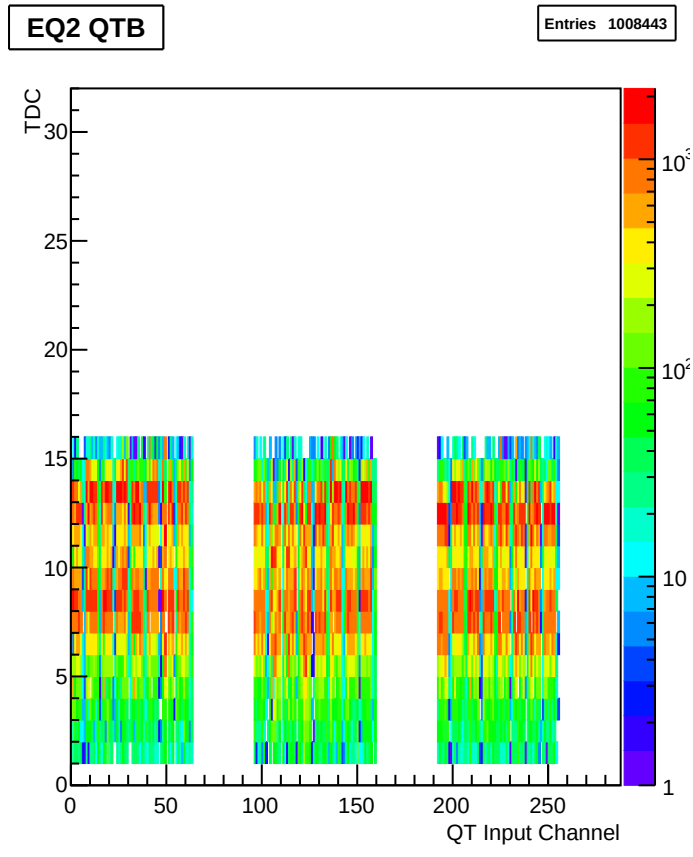

EQ1 QTB
Entries 3214656
ADC
QT Input Channel

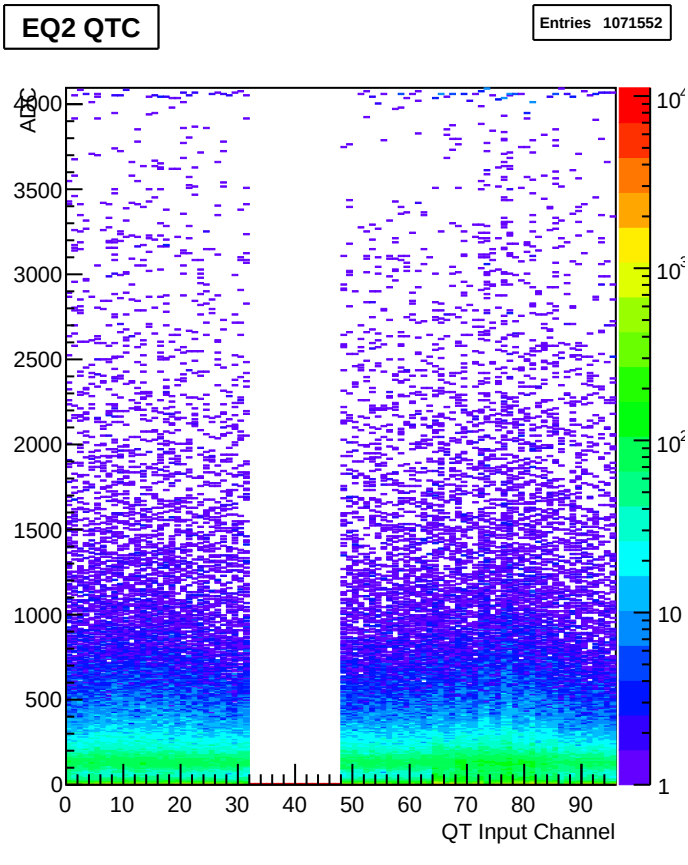

EQ1 QTB
Entries 1069111
TDC
QT Input Channel

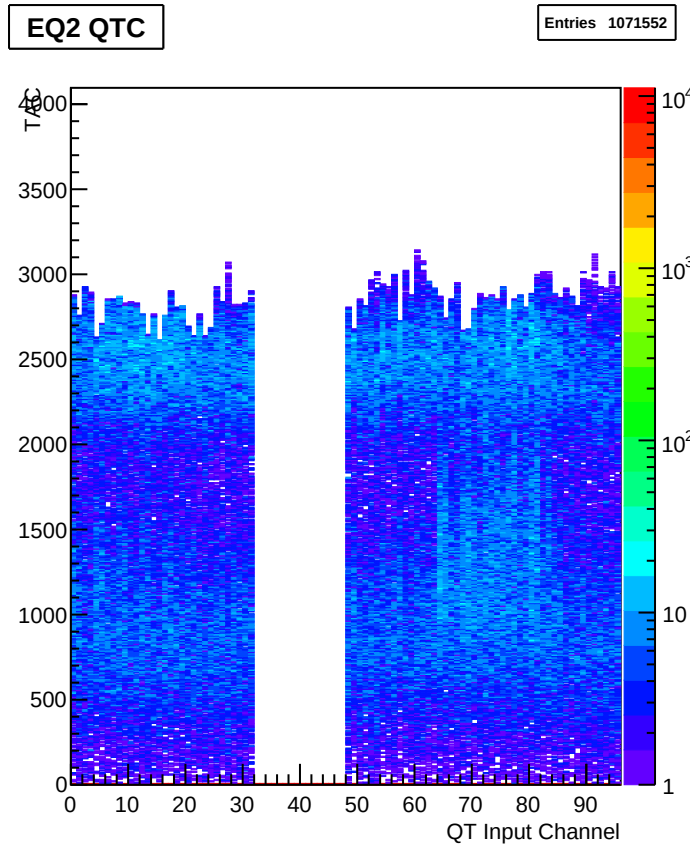

EQ1 QTC
Entries 1071552
ADC
QT Input Channel

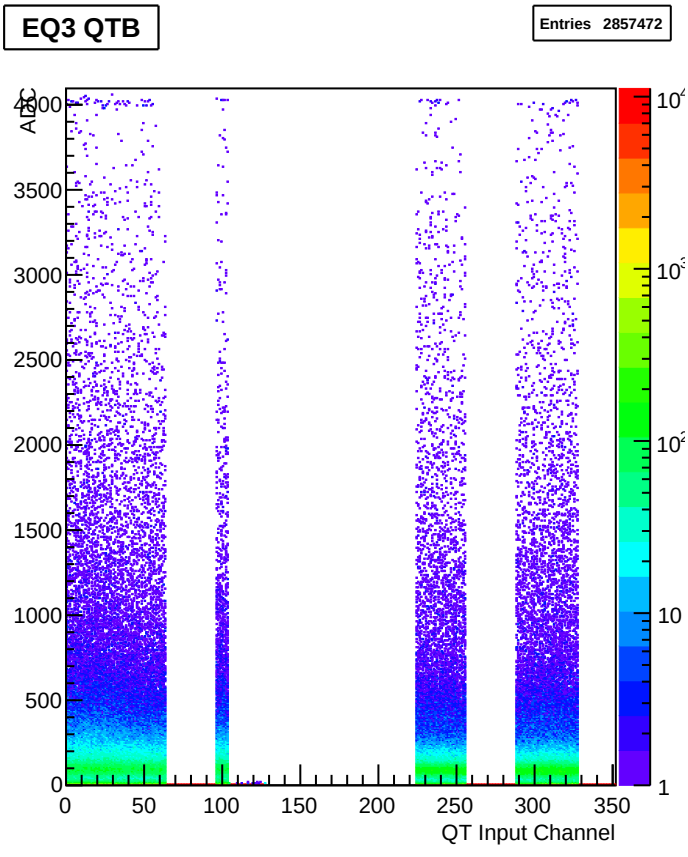

EQ1 QTC
Entries 1071552
TADC
QT Input Channel

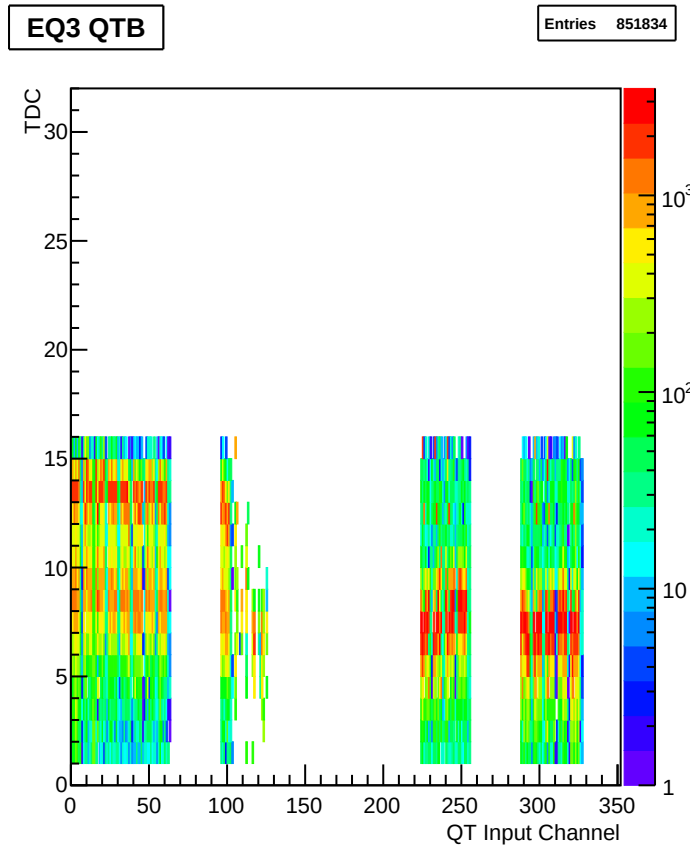

EQ2 QTB
Entries 3214656
ADC
QT Input Channel

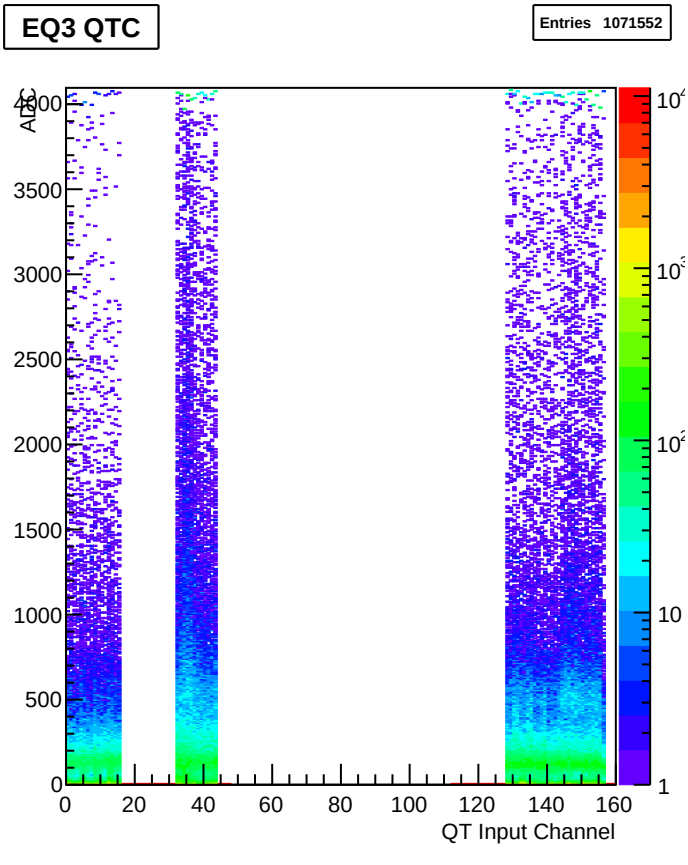

EQ2 QTB
Entries 1008443
TDC
QT Input Channel

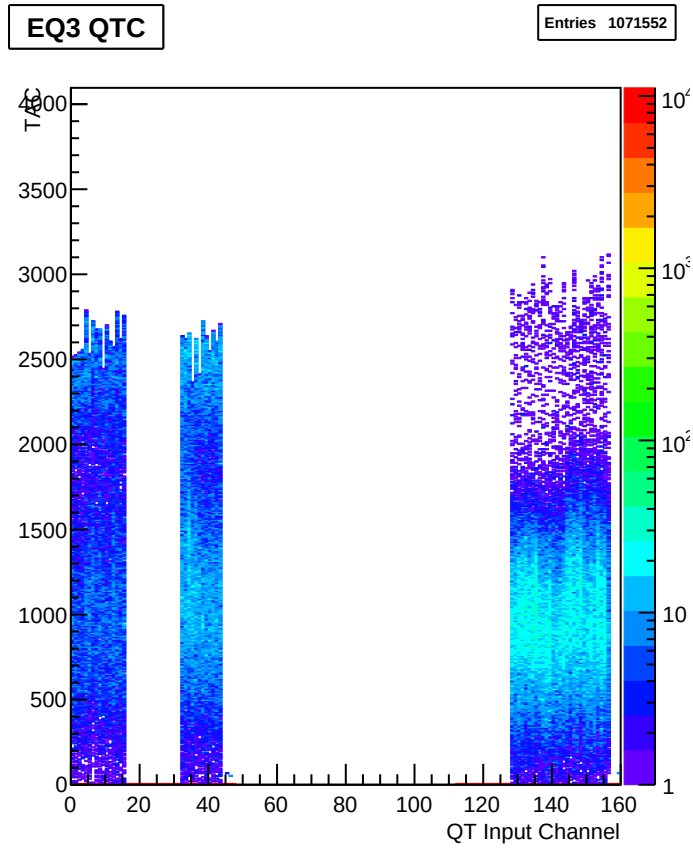

EQ2 QTC
Entries 1071552
ADC
QT Input Channel

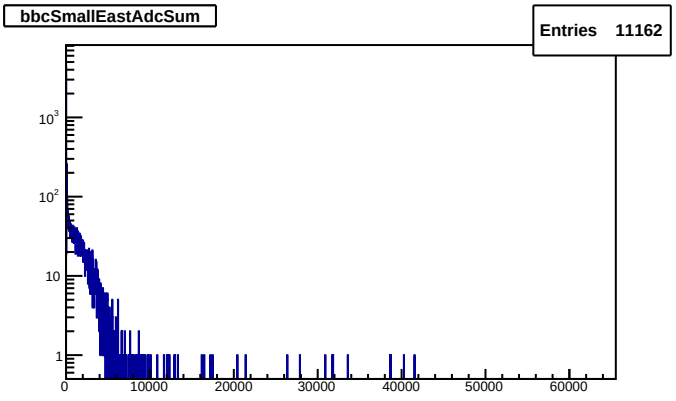

EQ2 QTC
Entries 1071552
TADC
QT Input Channel

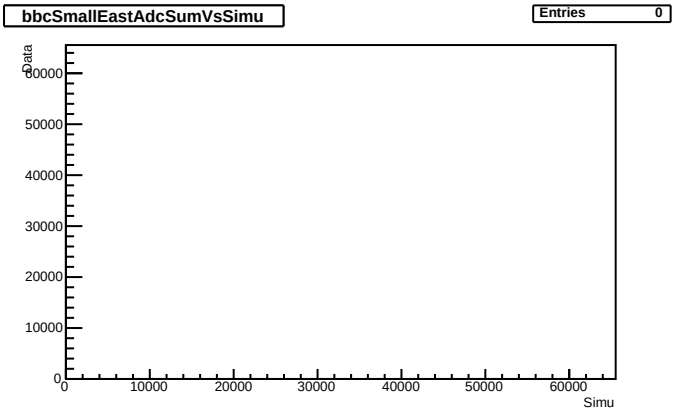

EQ3 QTB
Entries 2857472
ADC
QT Input Channel

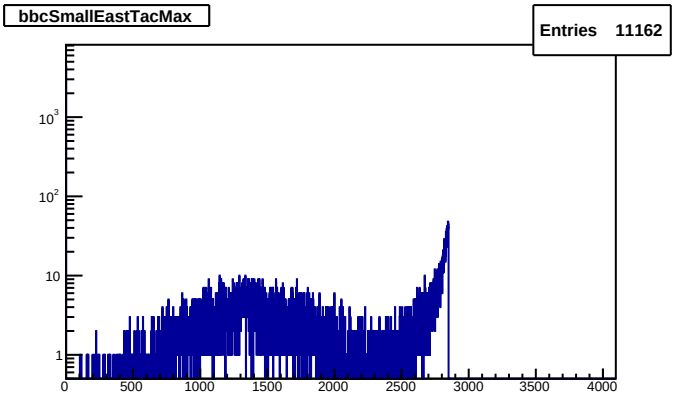

EQ3 QTB
Entries 851834
TDC
QT Input Channel

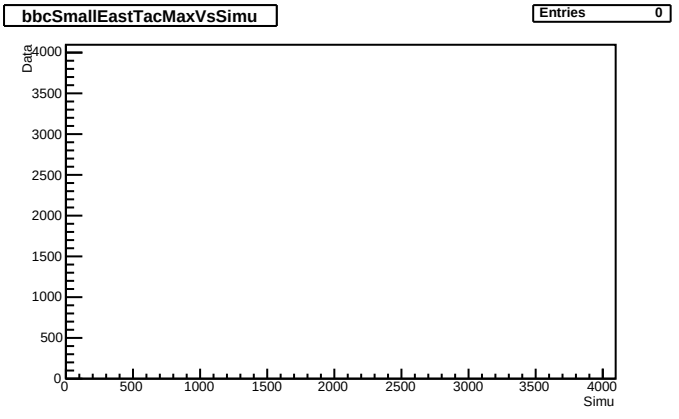

EQ3 QTC
Entries 1071552
ADC
QT Input Channel

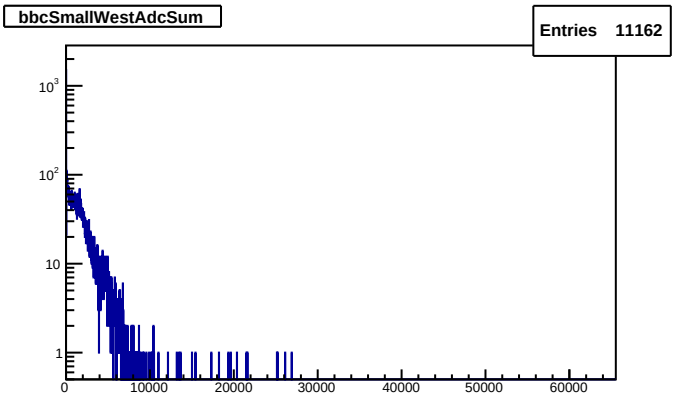

EQ3 QTC
Entries 1071552
TADC
QT Input Channel

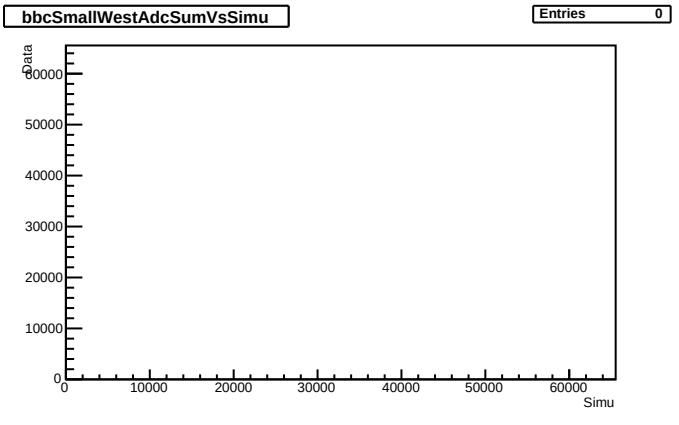

bbcSmallEastAdcSum
Entries 11162

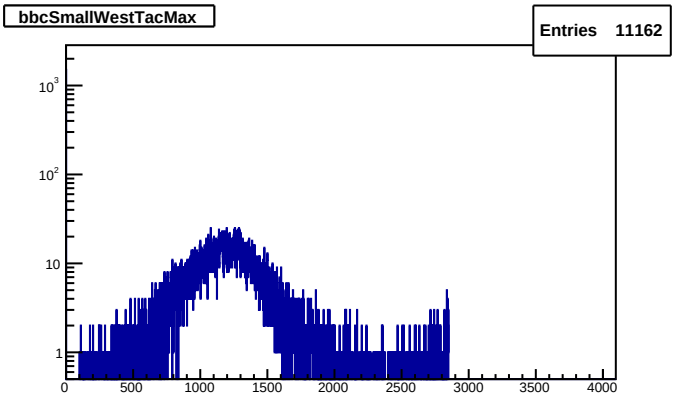

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

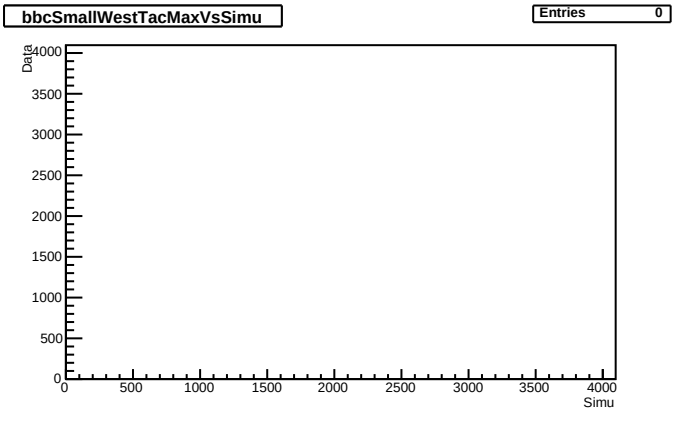

bbcSmallEastTacMax
Entries 11162

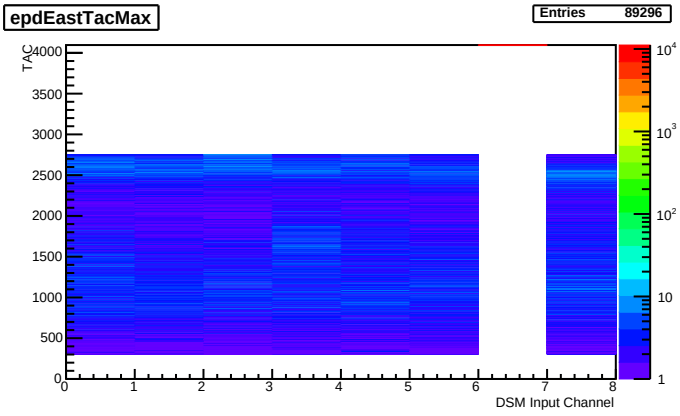

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

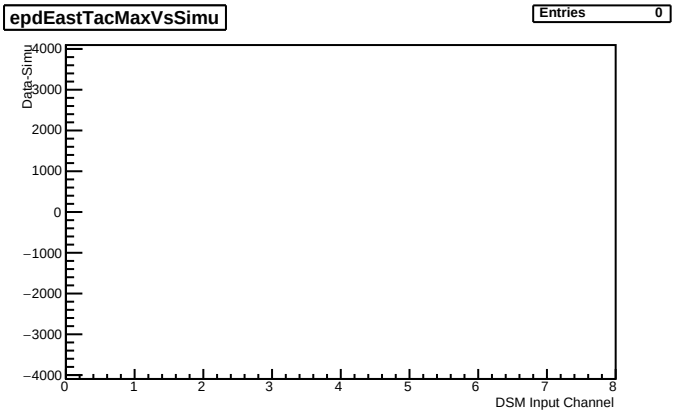

bbcSmallWestAdcSum
Entries 11162

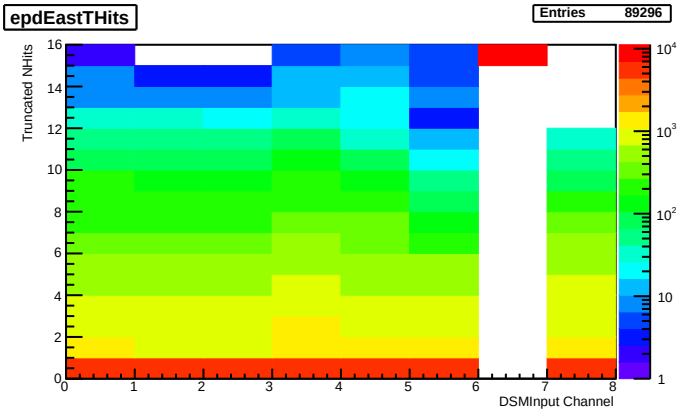

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

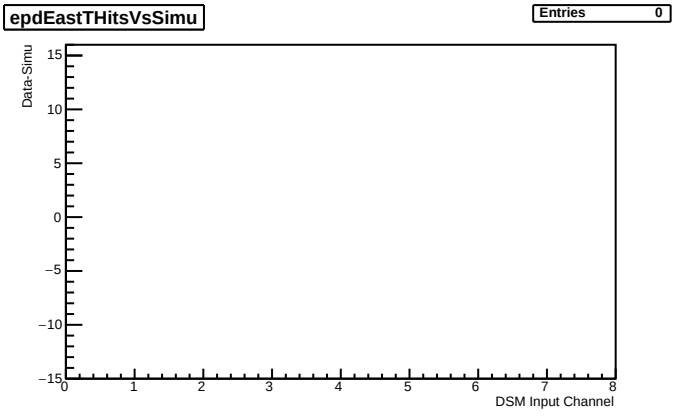

bbcSmallWestTacMax
Entries 11162

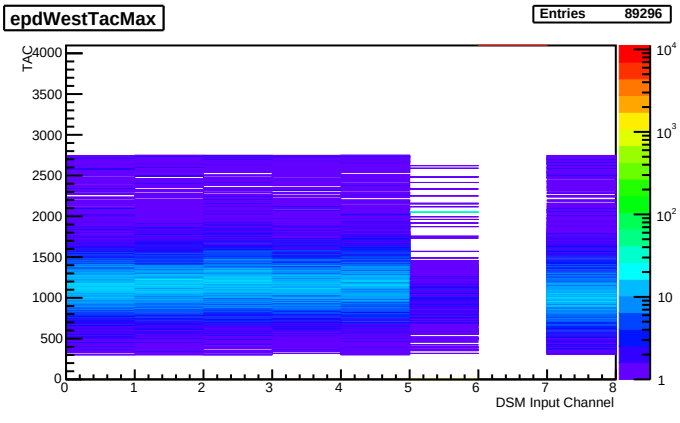

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

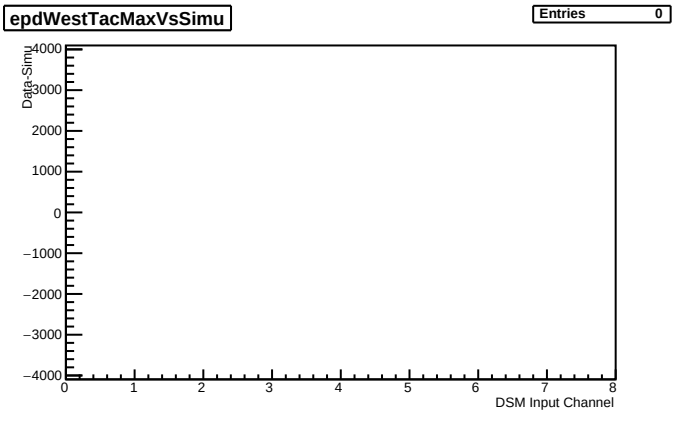

epdEastTacMax
Entries 89296
TAC
DSM Input Channel

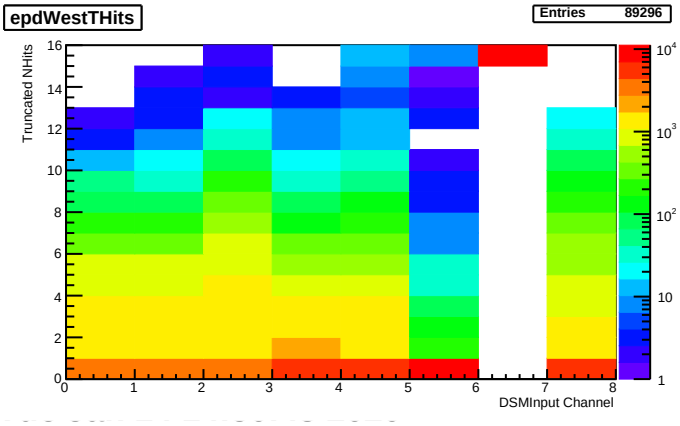

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

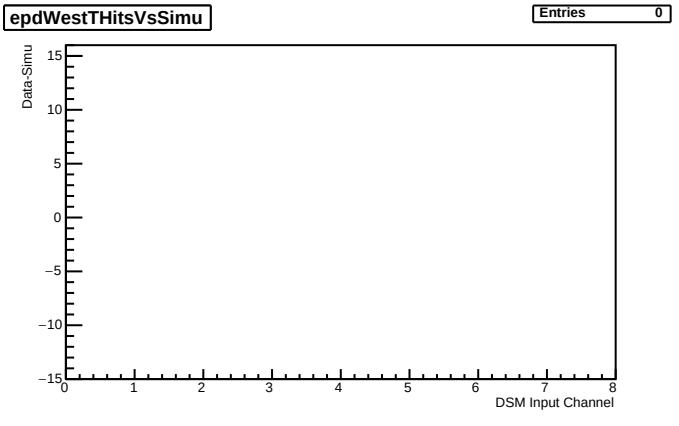

epdEastTHits
Entries 89296
Truncated NHits
DSMInput Channel

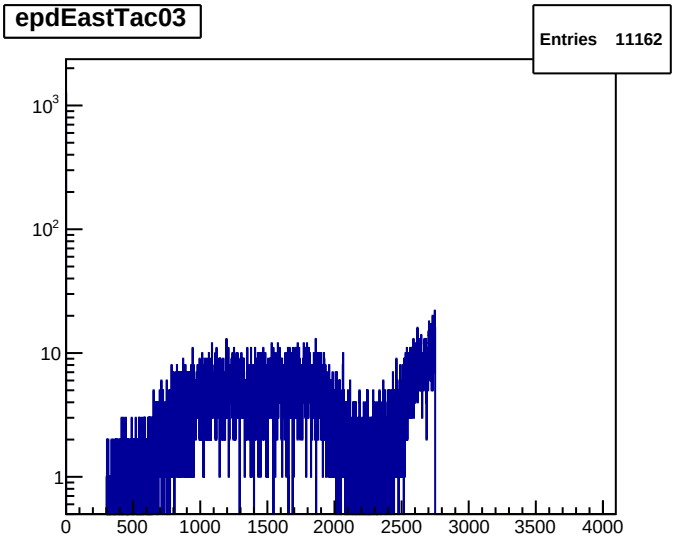

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

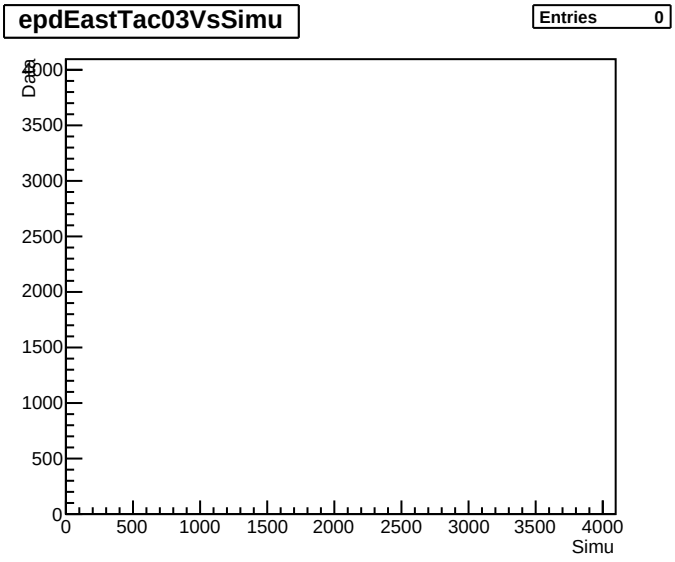

epdWestTacMax
Entries 89296
TAC
DSM Input Channel

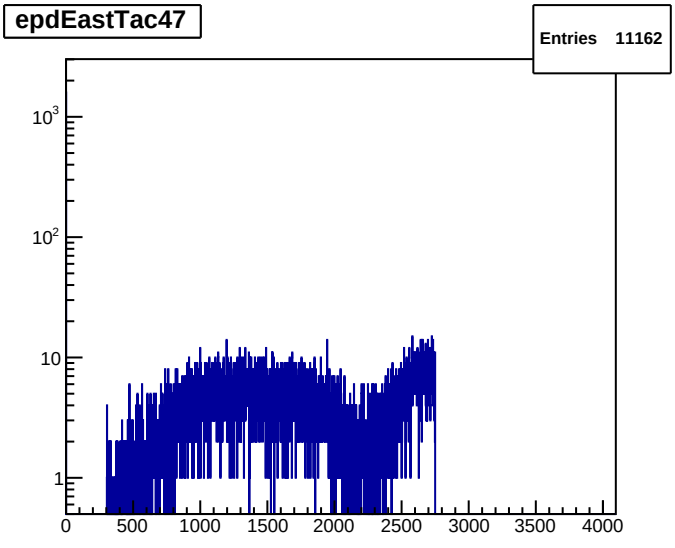

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

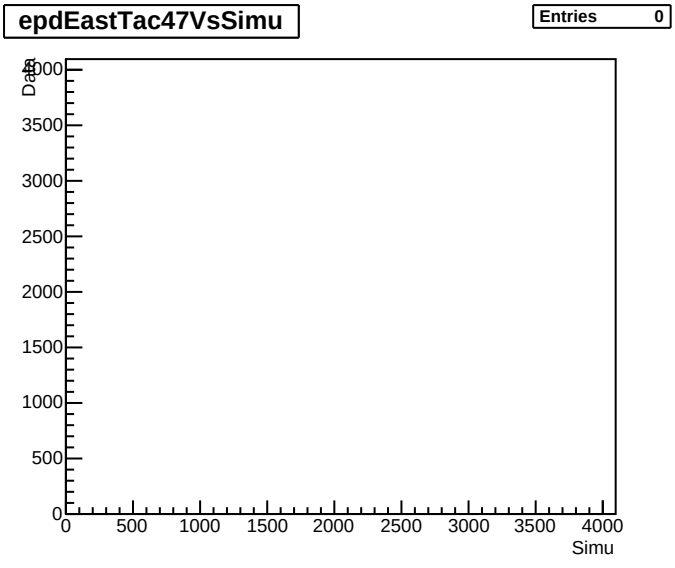

epdWestTHits
Entries 89296
Truncated NHits
DSMInput Channel

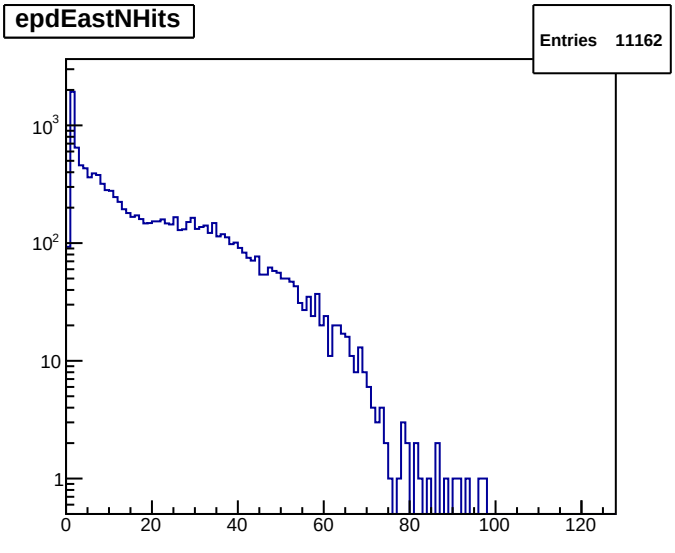

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

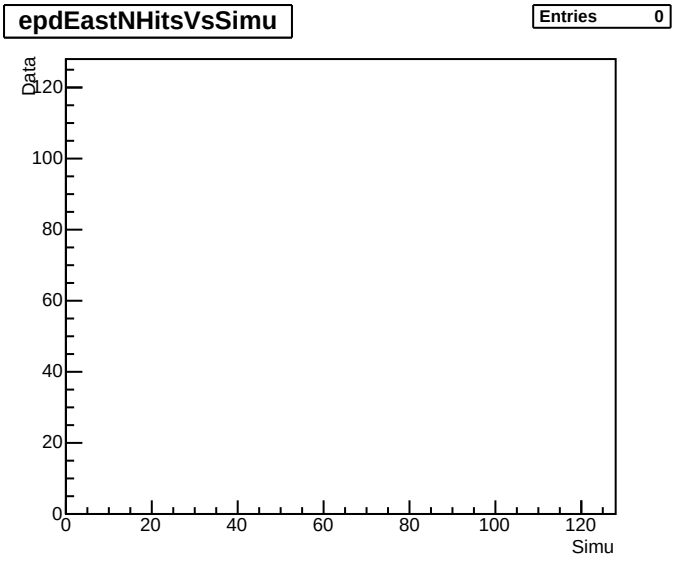

epdEastTac03
Entries 11162

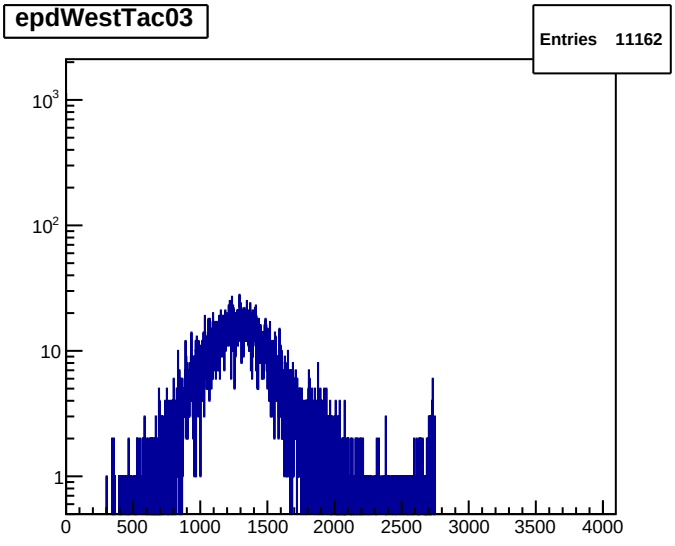

epdEastTac03VsSimu
Entries 0
Data
Simu

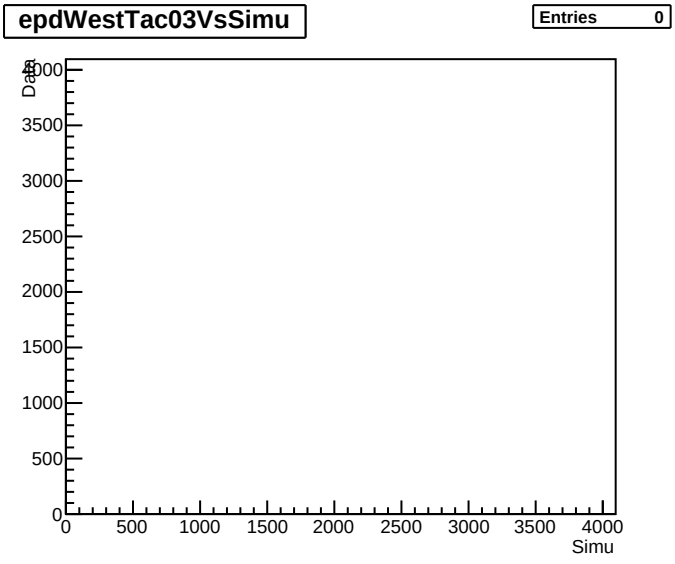

epdEastTac47
Entries 11162

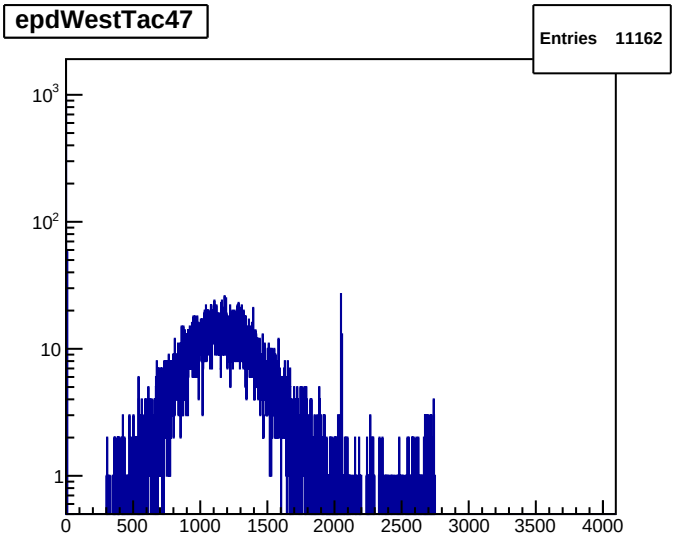

epdEastTac47VsSimu
Entries 0
Data
Simu

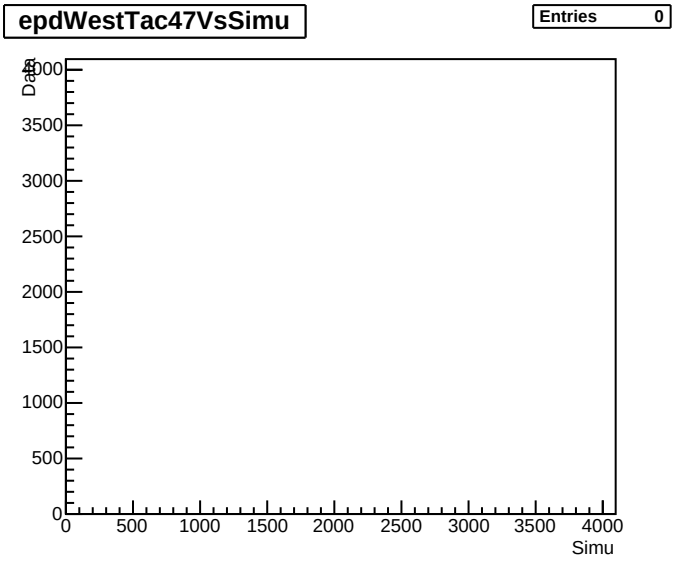

epdEastNHits
Entries 11162

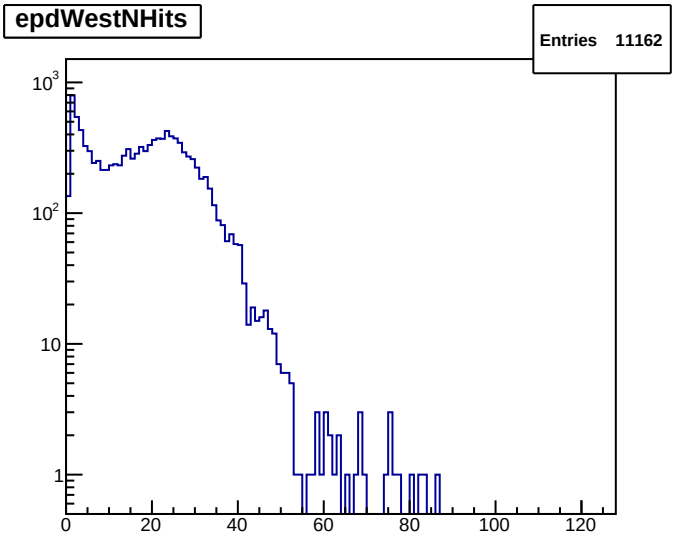

epdEastNHitsVsSimu
Entries 0
Data
Simu

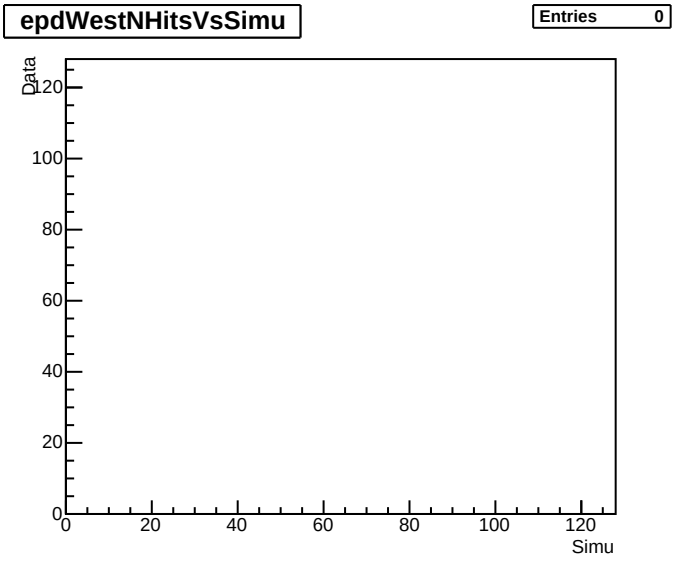

epdWestTac03
Entries 11162
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

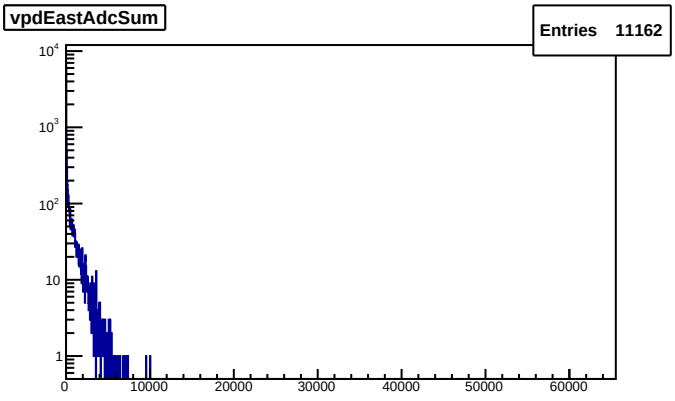

epdWestTac03VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

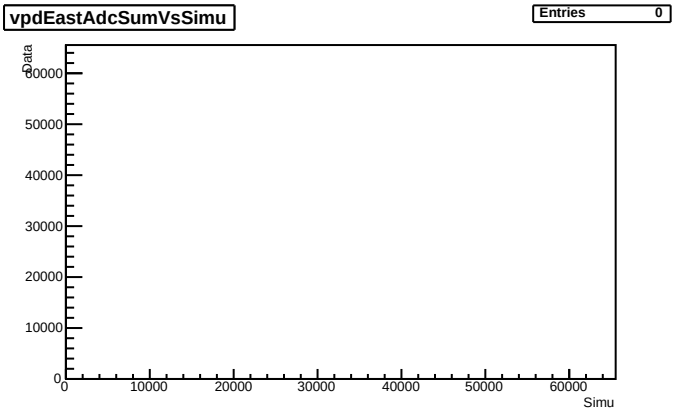

epdWestTac47
Entries 11162
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

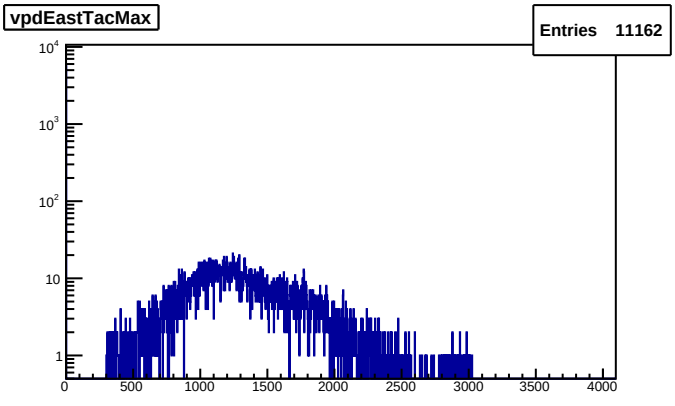

epdWestTac47VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

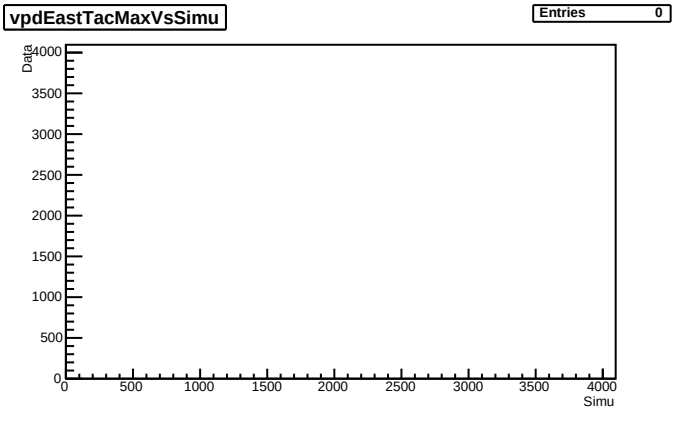

epdWestNHits
Entries 11162
10^3
10^2
10
1
0 20 40 60 80 100 120

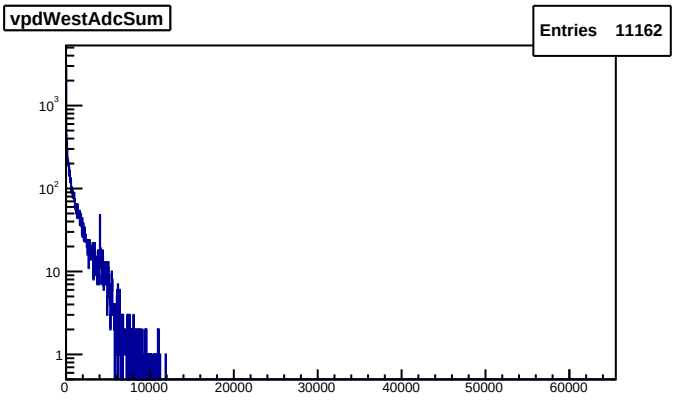

epdWestNHitsVsSimu
Entries 0
Data
120
100
80
60
40
20
0
0 20 40 60 80 100 120
Simu

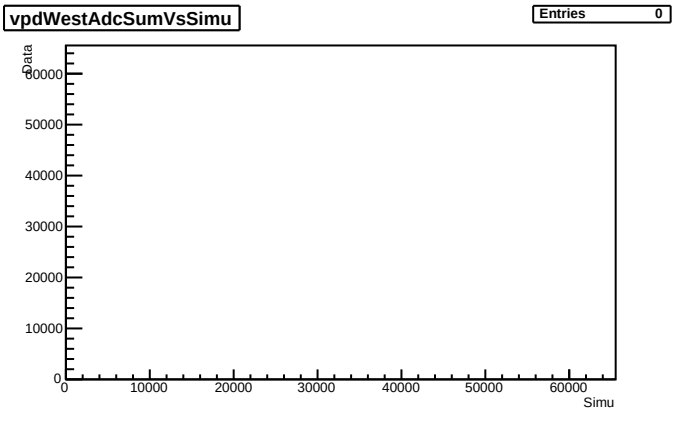

vpdEastAdcSum
Entries 11162

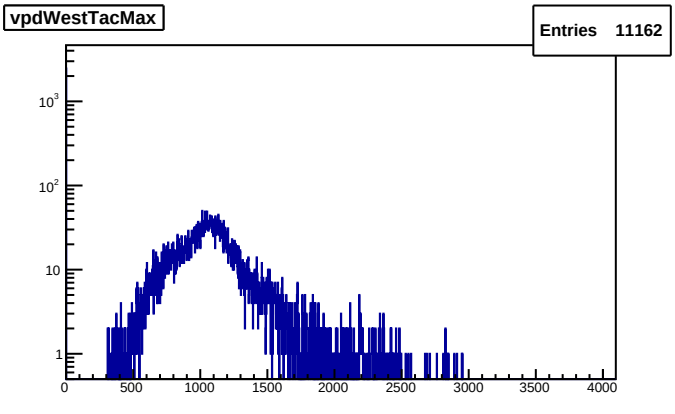

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

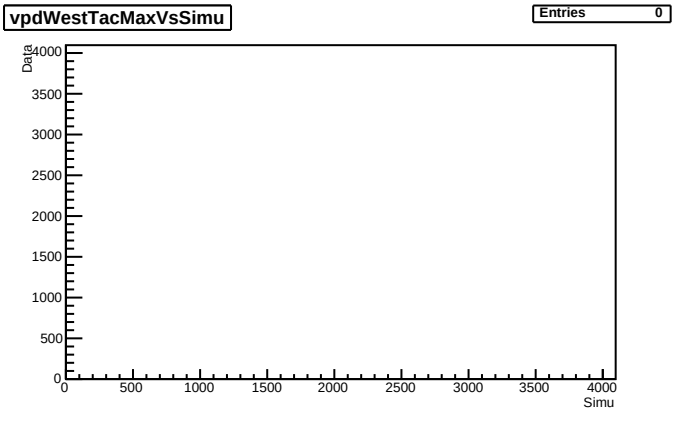

vpdEastTacMax
Entries 11162

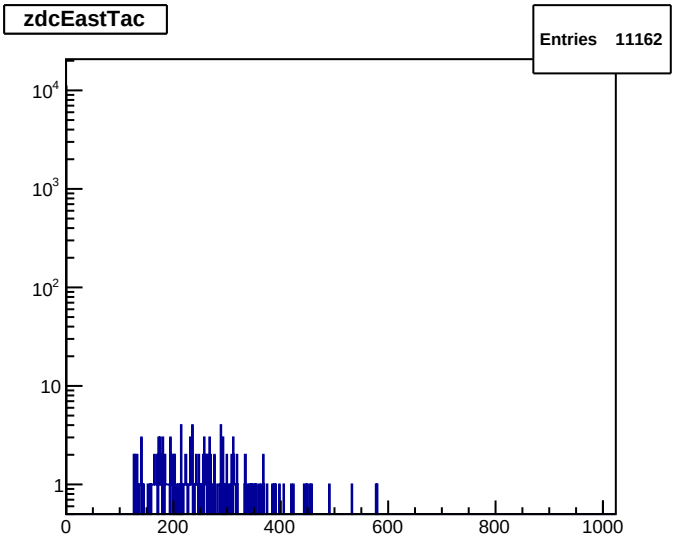

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

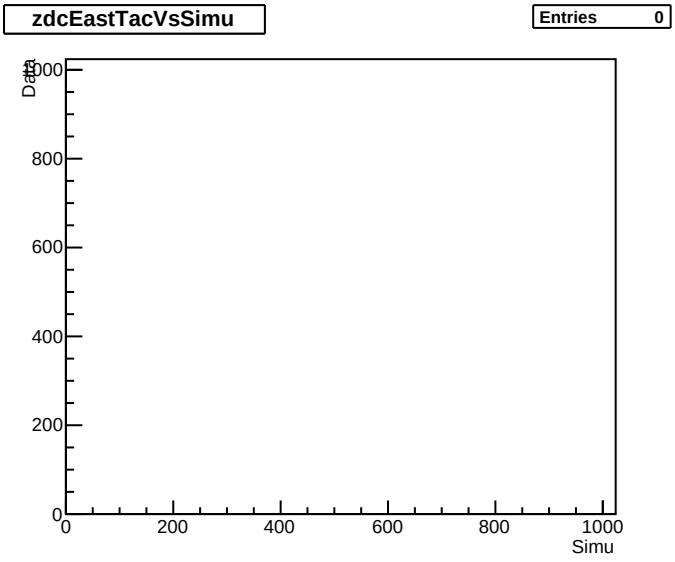

vpdWestAdcSum
Entries 11162

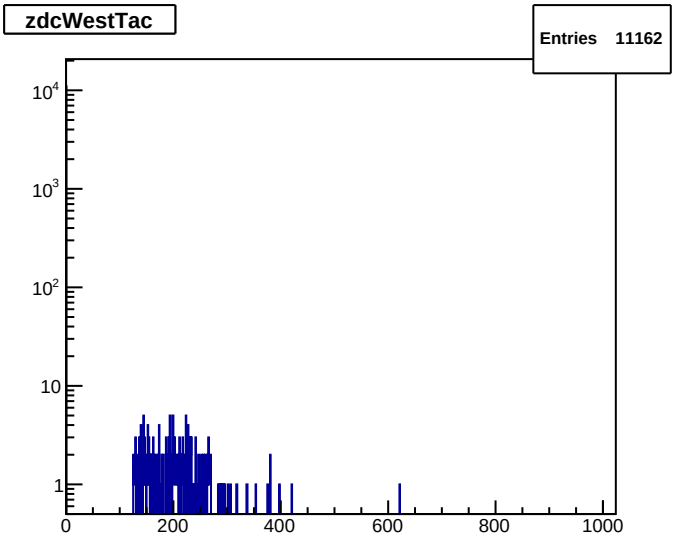

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

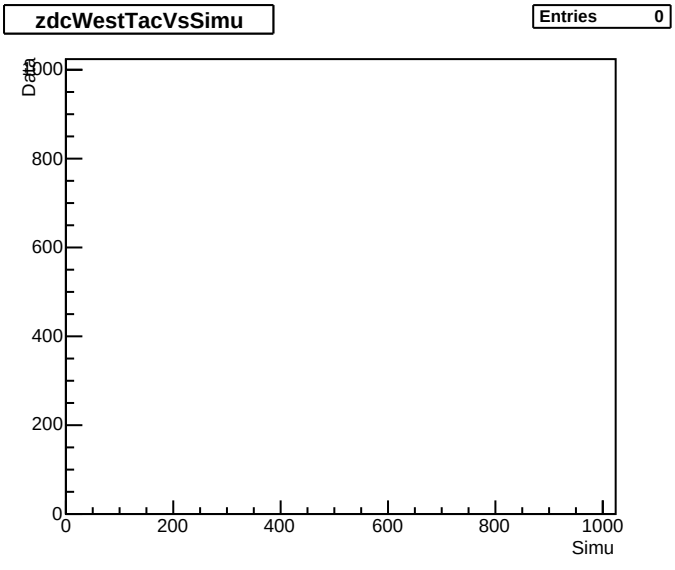

vpdWestTacMax
Entries 11162

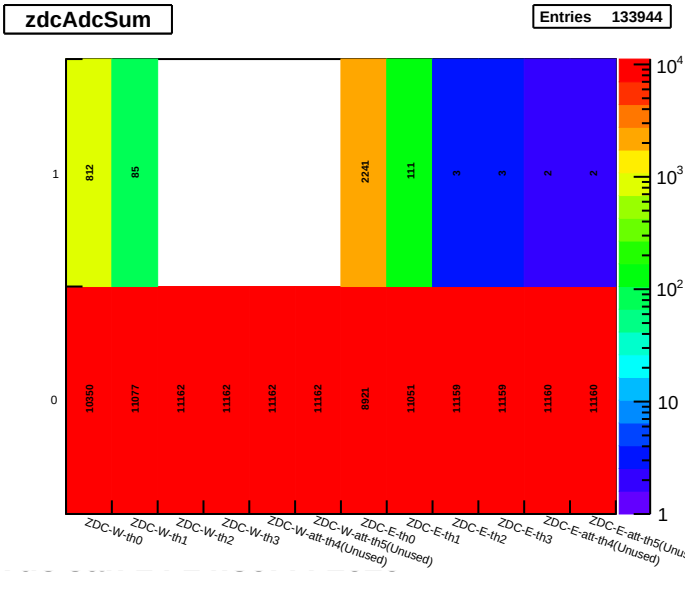

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

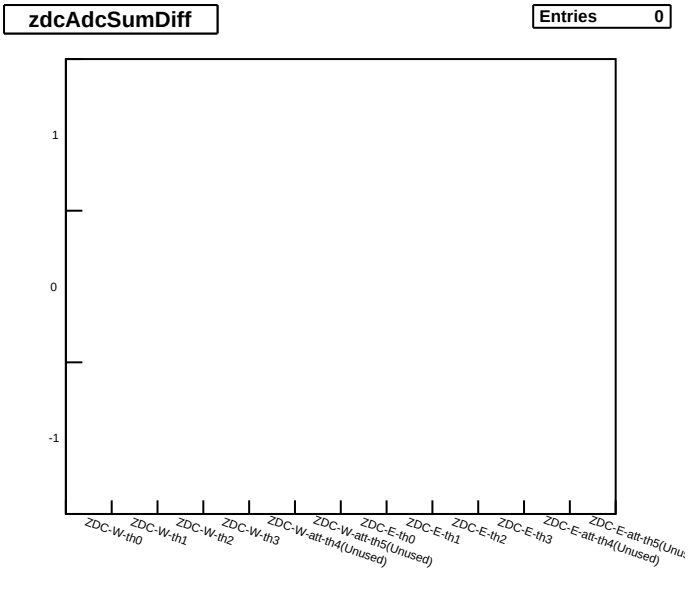

zdcEastTac
Entries 11162
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

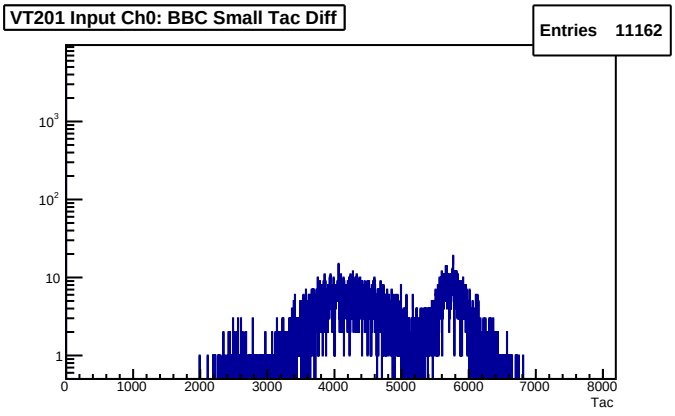

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

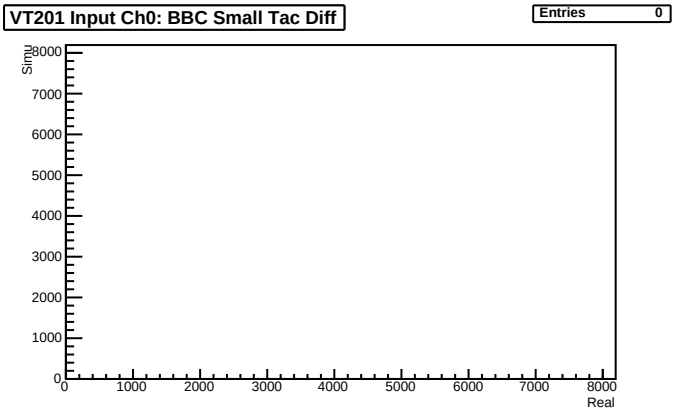

zdcWestTac
Entries 11162
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

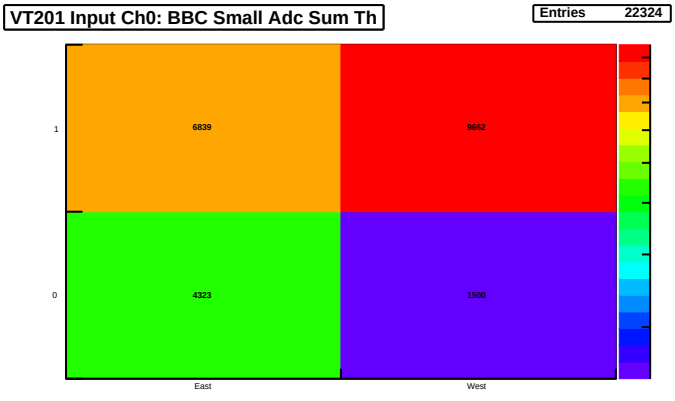

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

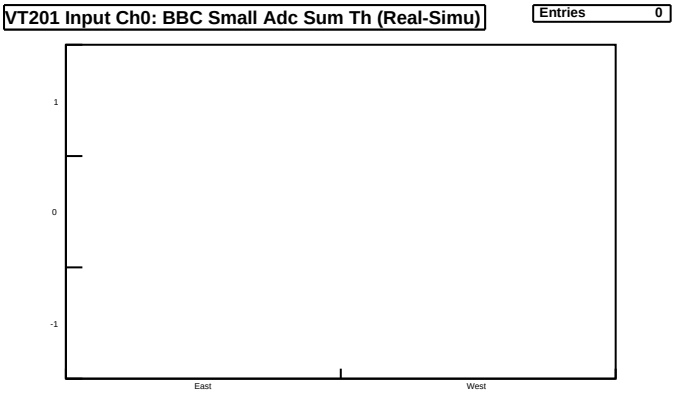

zdcAdcSum
Entries 133944
1
0
812
85
2241
111
3
3
2
2
10950
11077
11162
11162
11162
11162
8921
11051
11159
11159
11160
11160
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

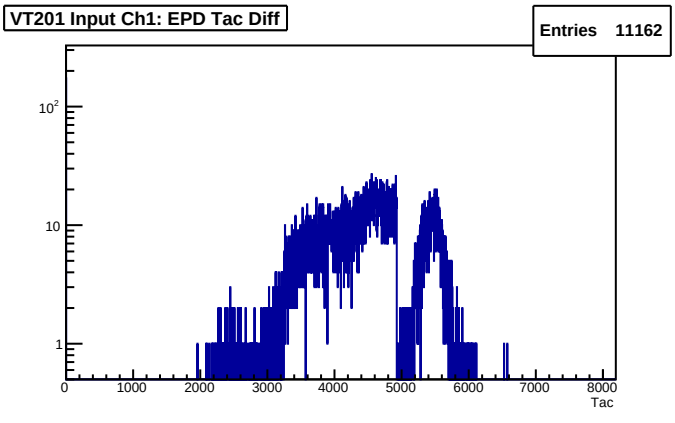

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

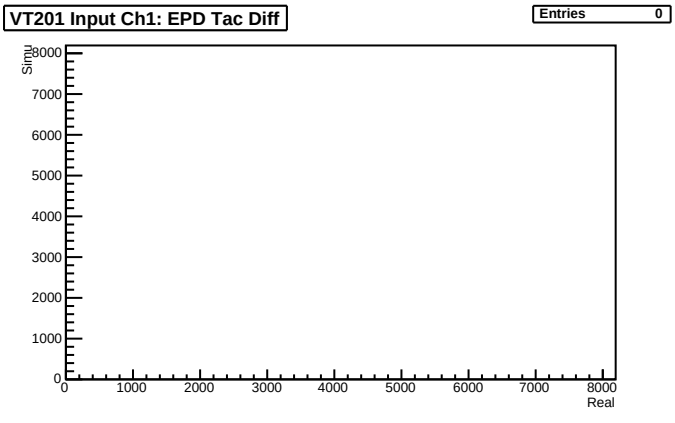

VT201 Input Ch0: BBC Small Tac Diff
Entries 11162
Tac

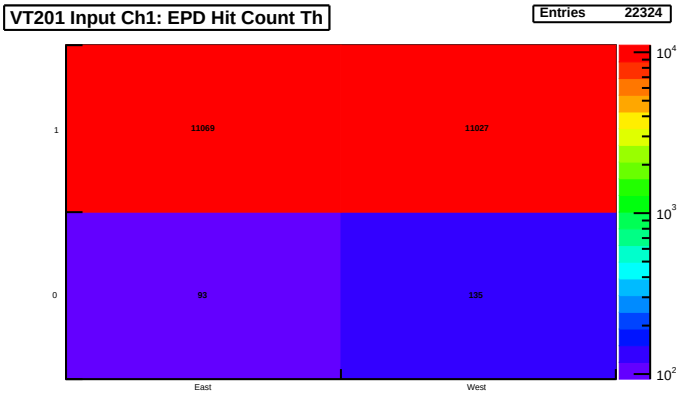

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

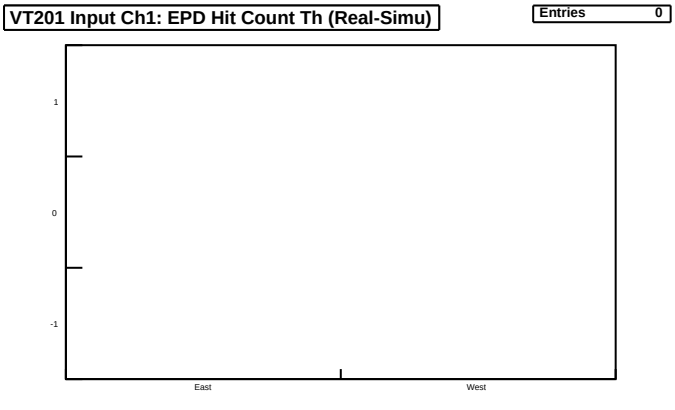

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 22324
6839
9662
4323
1500
East
West

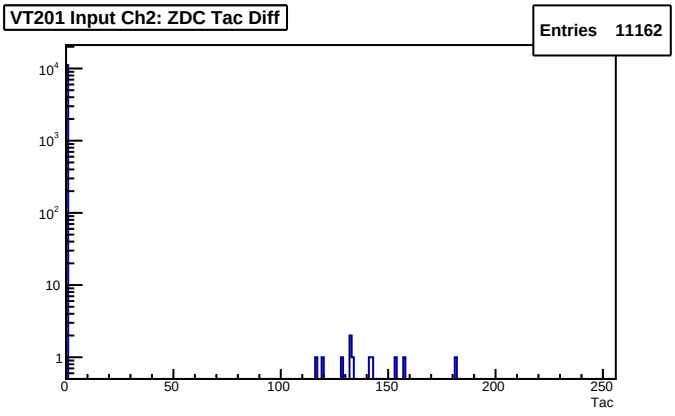

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

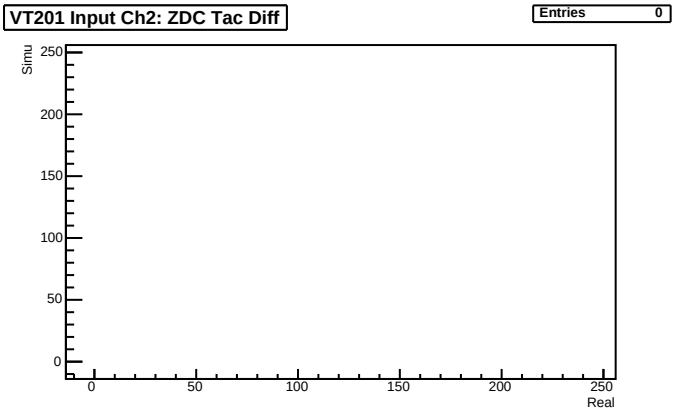

VT201 Input Ch1: EPD Tac Diff
Entries 11162
Tac

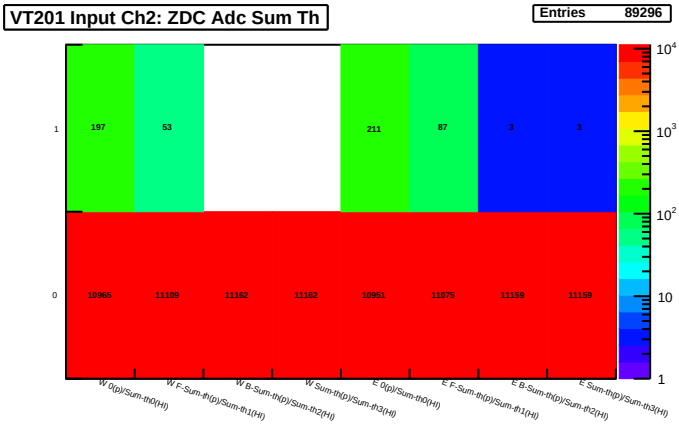

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

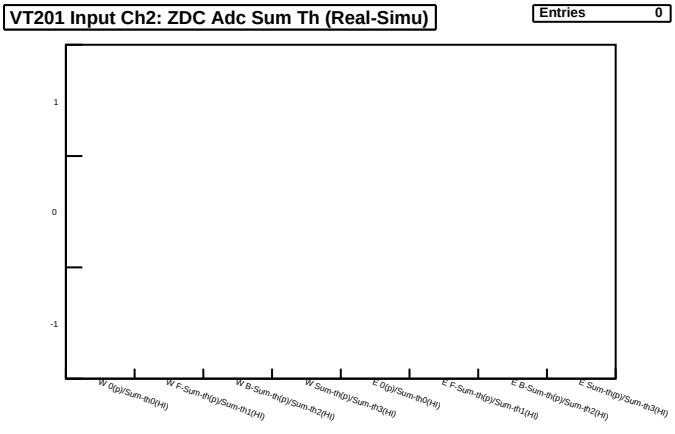

VT201 Input Ch1: EPD Hit Count Th
Entries 22324
11069
11027
93
135
East
West

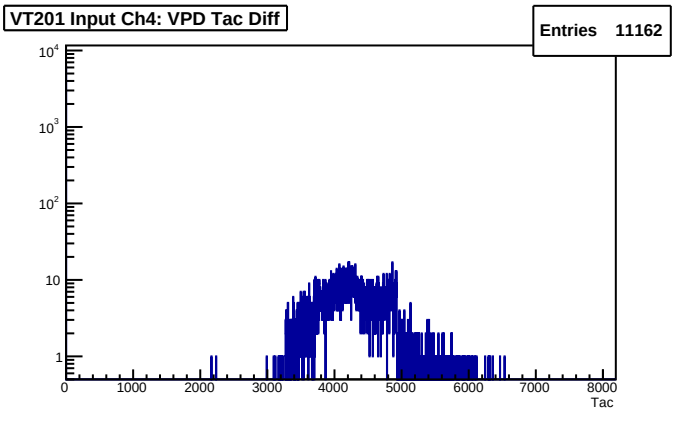

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

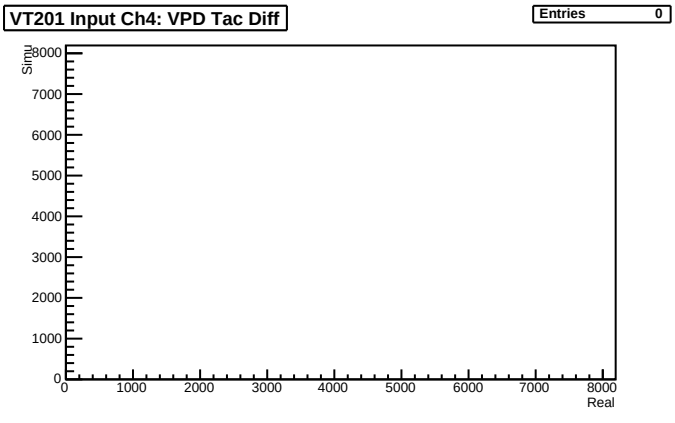

VT201 Input Ch2: ZDC Tac Diff
Entries 11162
Tac

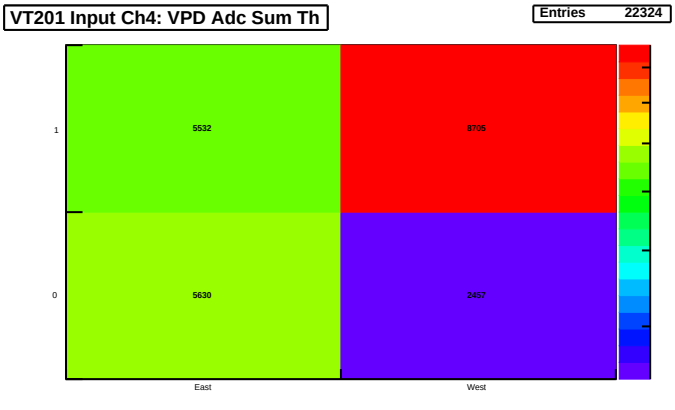

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

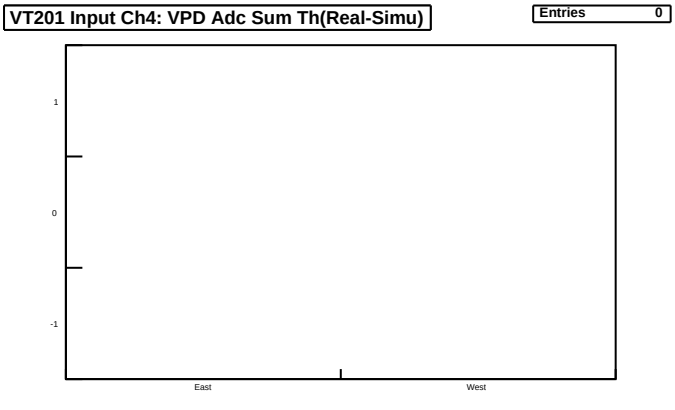

VT201 Input Ch2: ZDC Adc Sum Th
Entries 89296
197
53
211
87
3
3
10965
11109
11162
11162
10951
11075
11159
11159
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

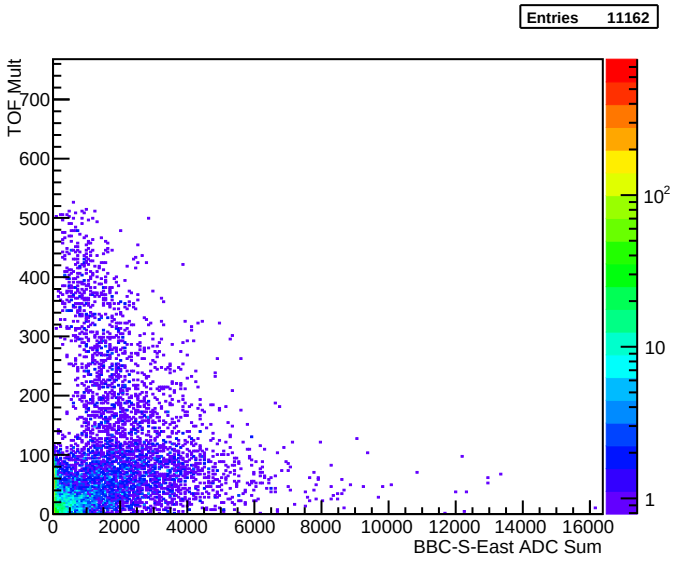

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

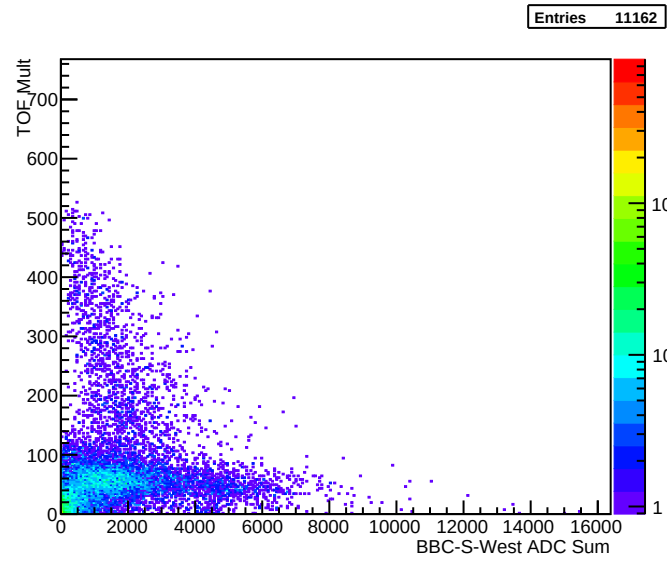

VT201 Input Ch4: VPD Tac Diff
Entries 11162
Tac

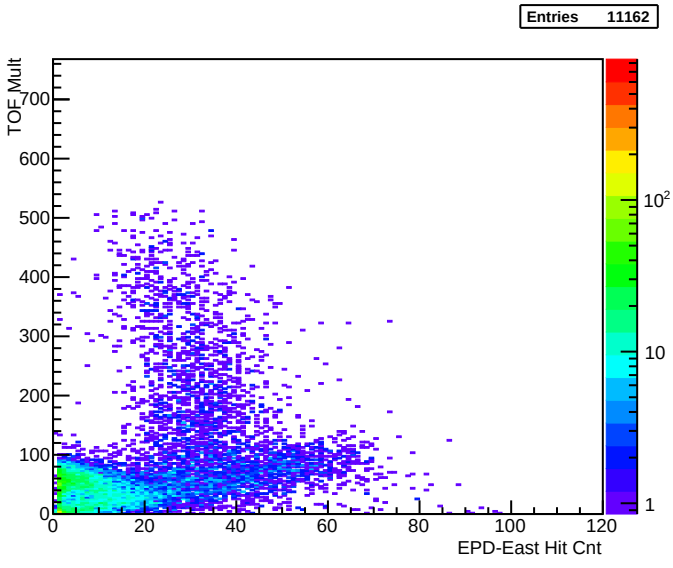

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

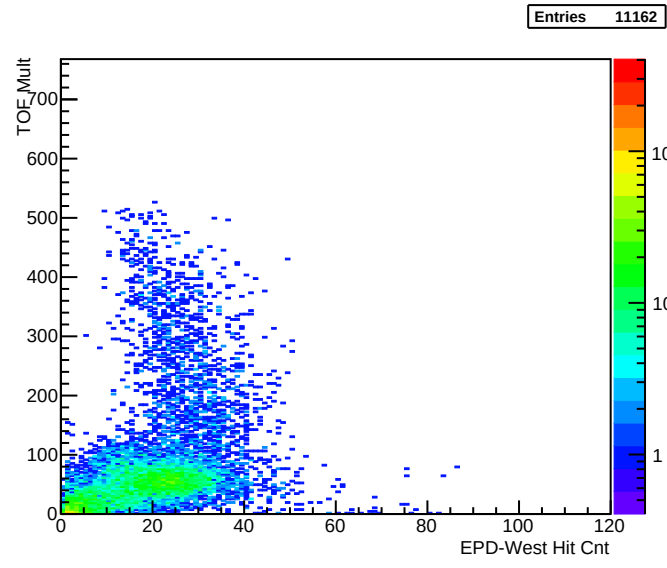

VT201 Input Ch4: VPD Adc Sum Th
Entries 22324
5532
8705
5630
2457
East
West

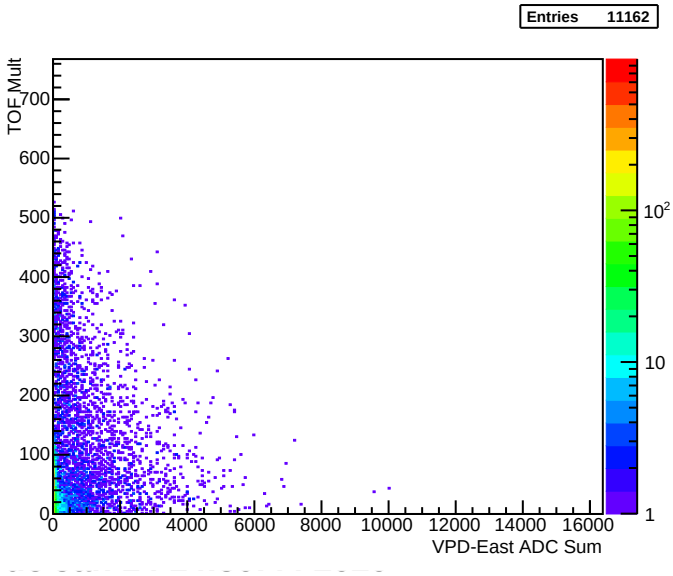

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

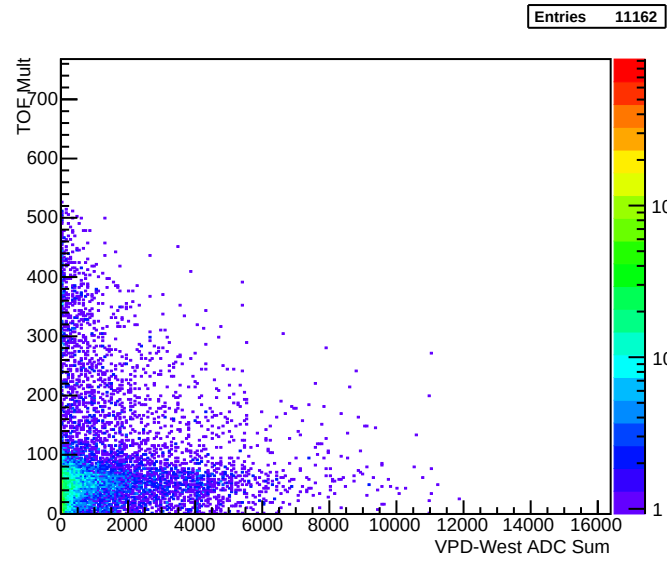

Entries 11162
TOF_Mult
BBC-S-East ADC Sum

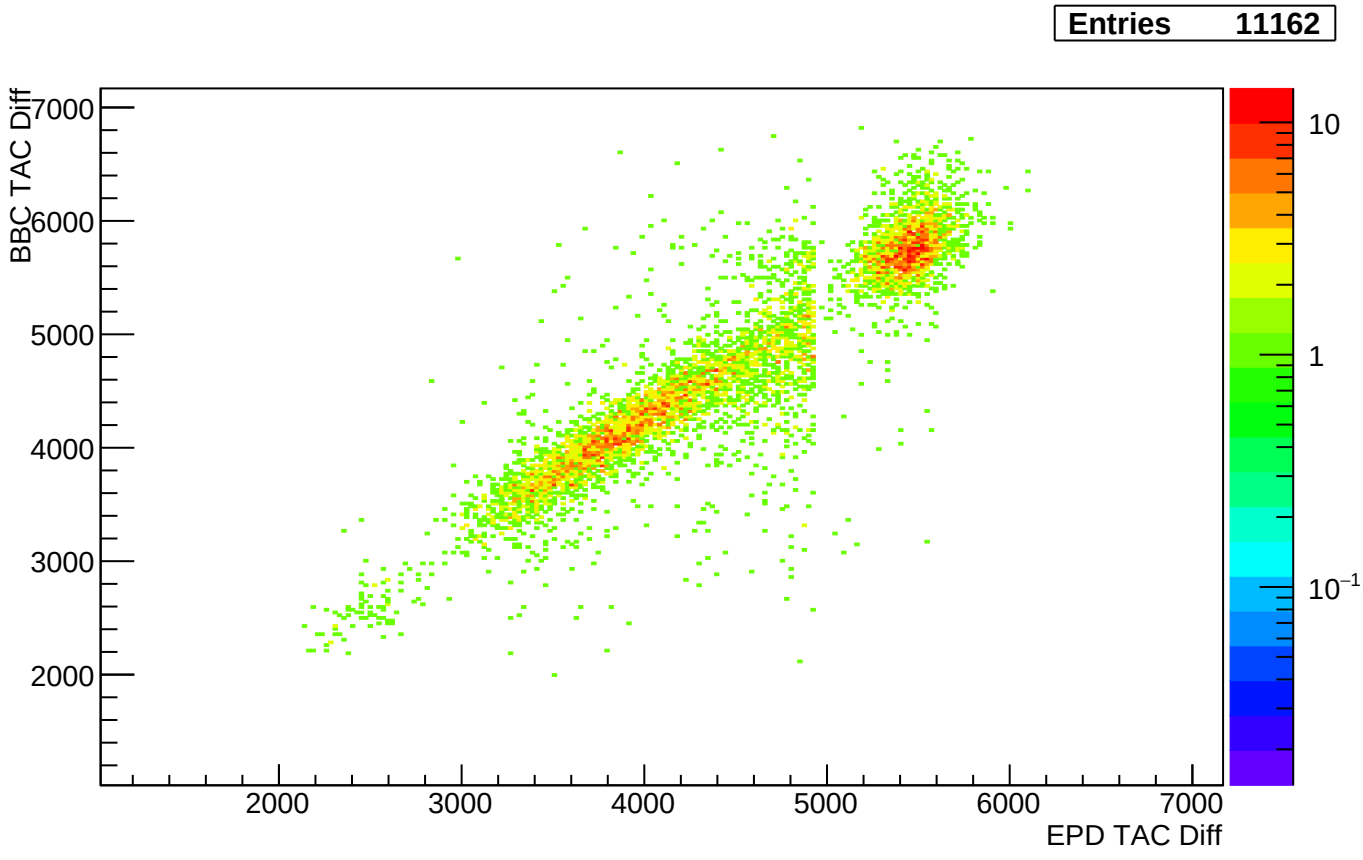

Entries 11162
TOF_Mult
BBC-S-West ADC Sum

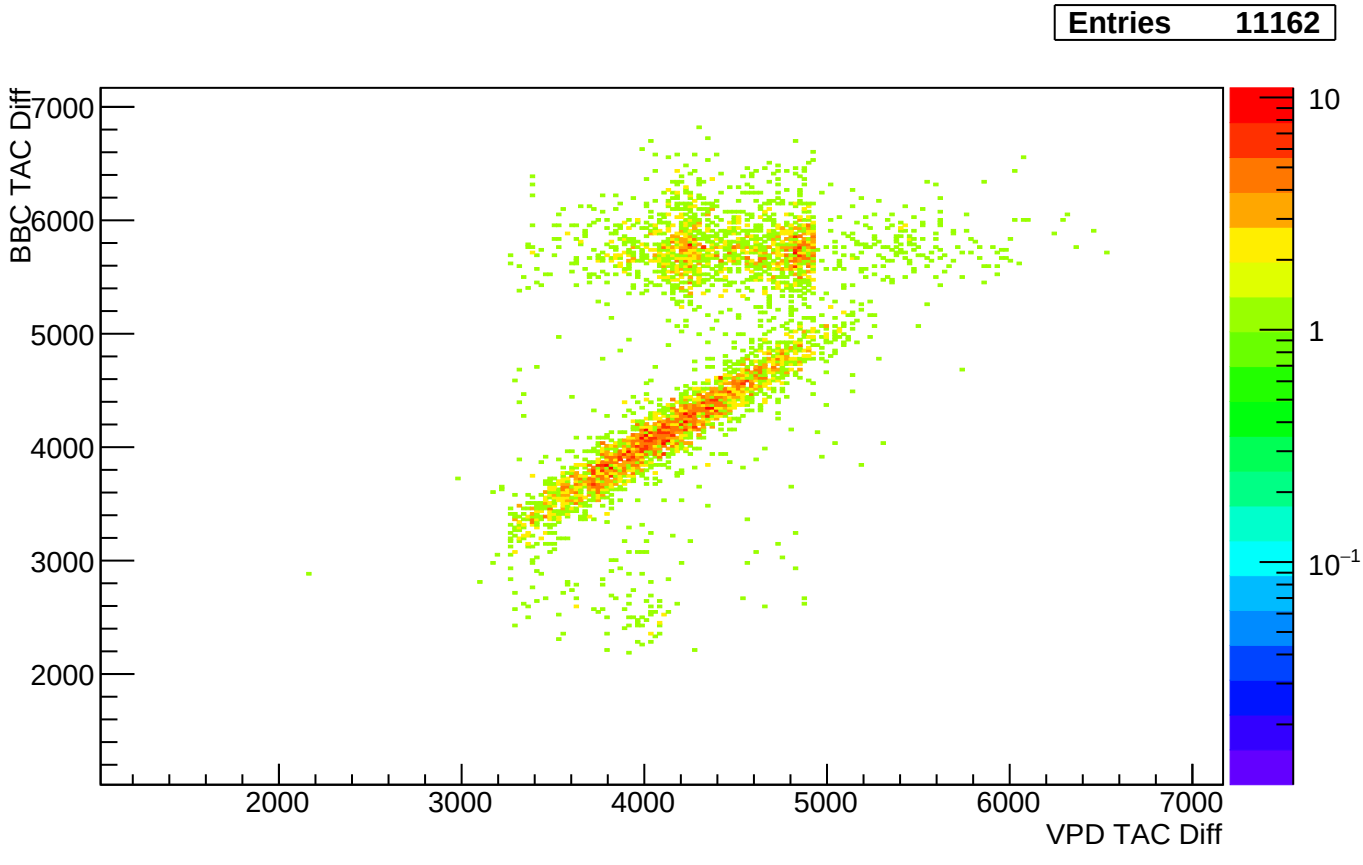

Entries 11162
TOF_Mult
EPD-East Hit Cnt

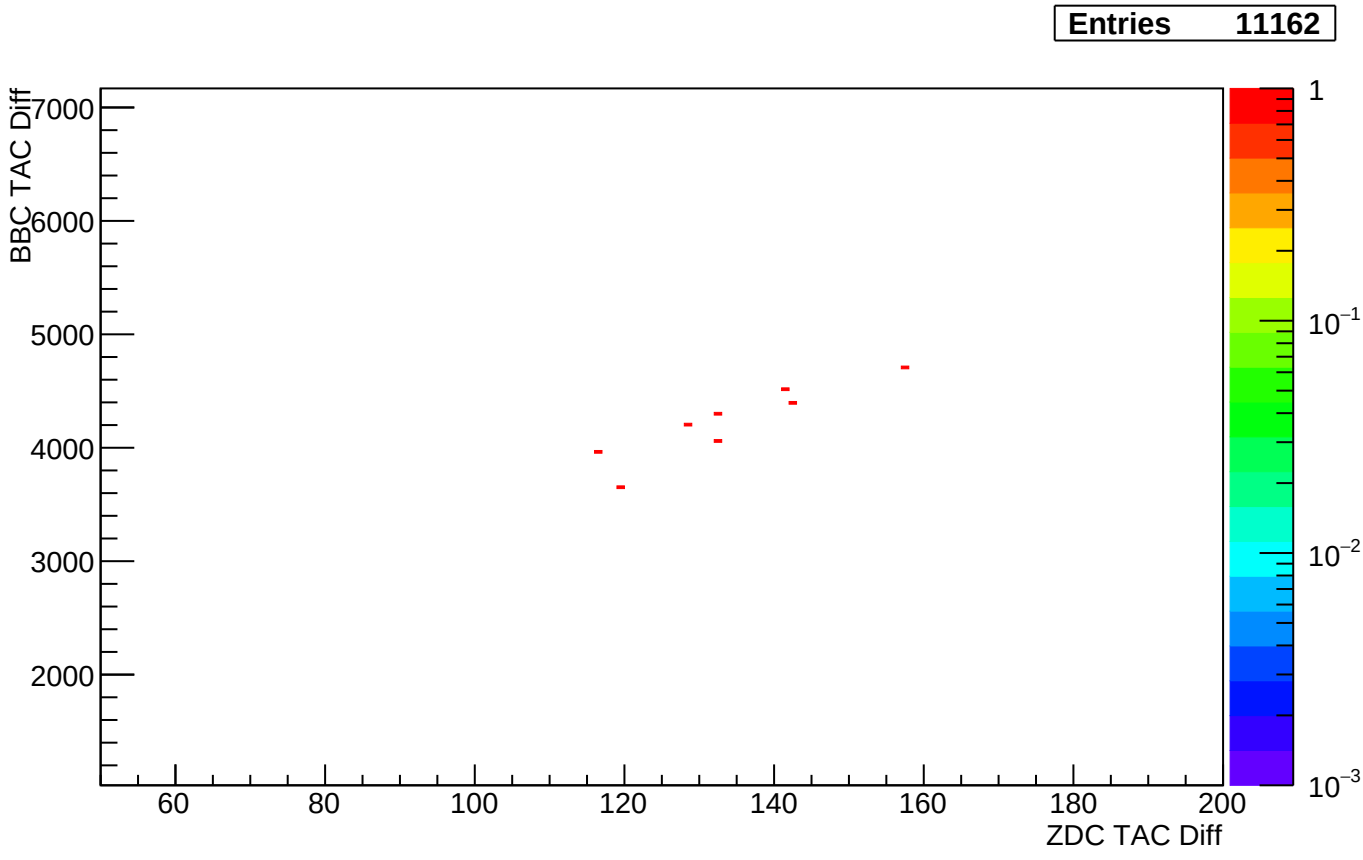

Entries 11162
TOF_Mult
EPD-West Hit Cnt

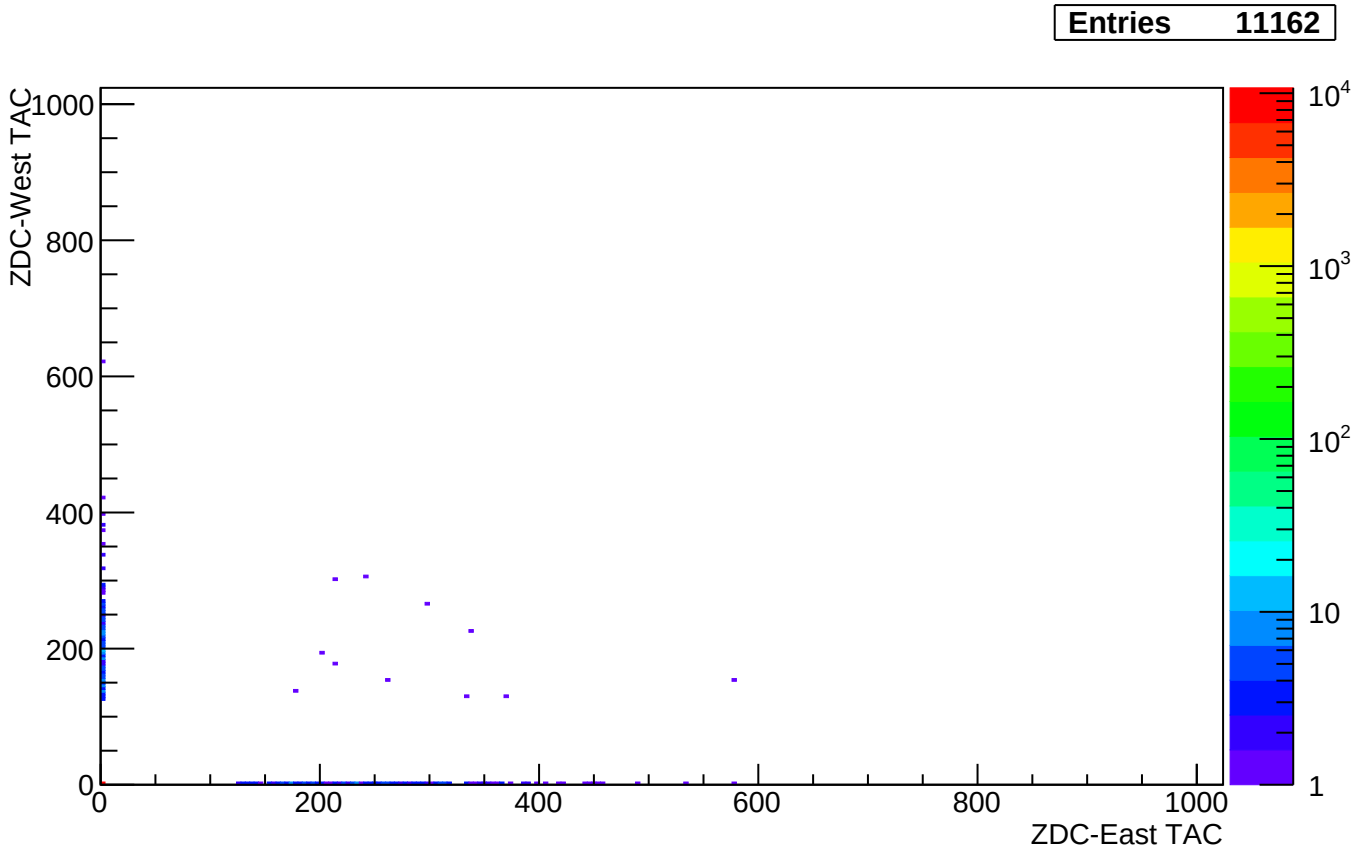

Entries 11162
TOF_Mult
VPD-East ADC Sum

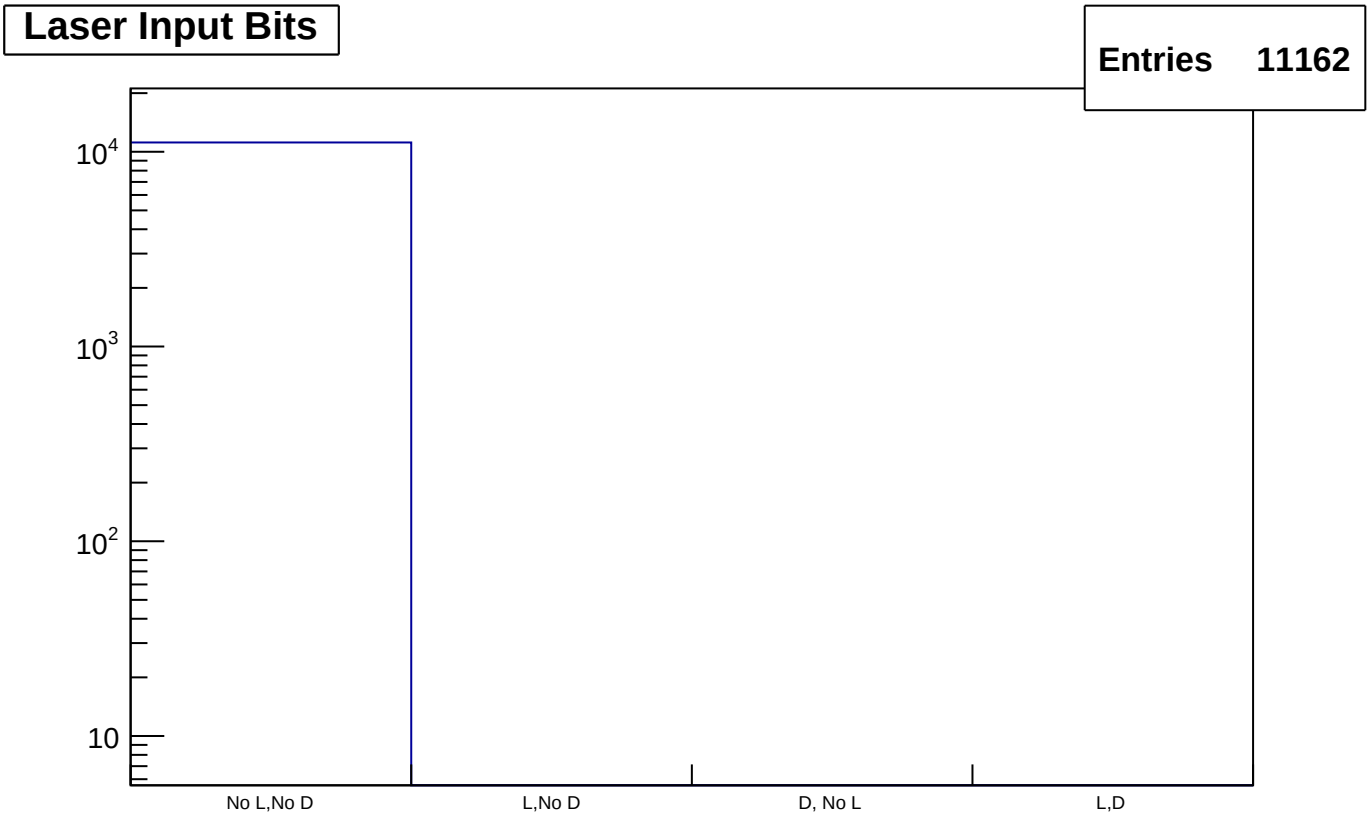

Entries 11162
TOF_Mult
VPD-West ADC Sum

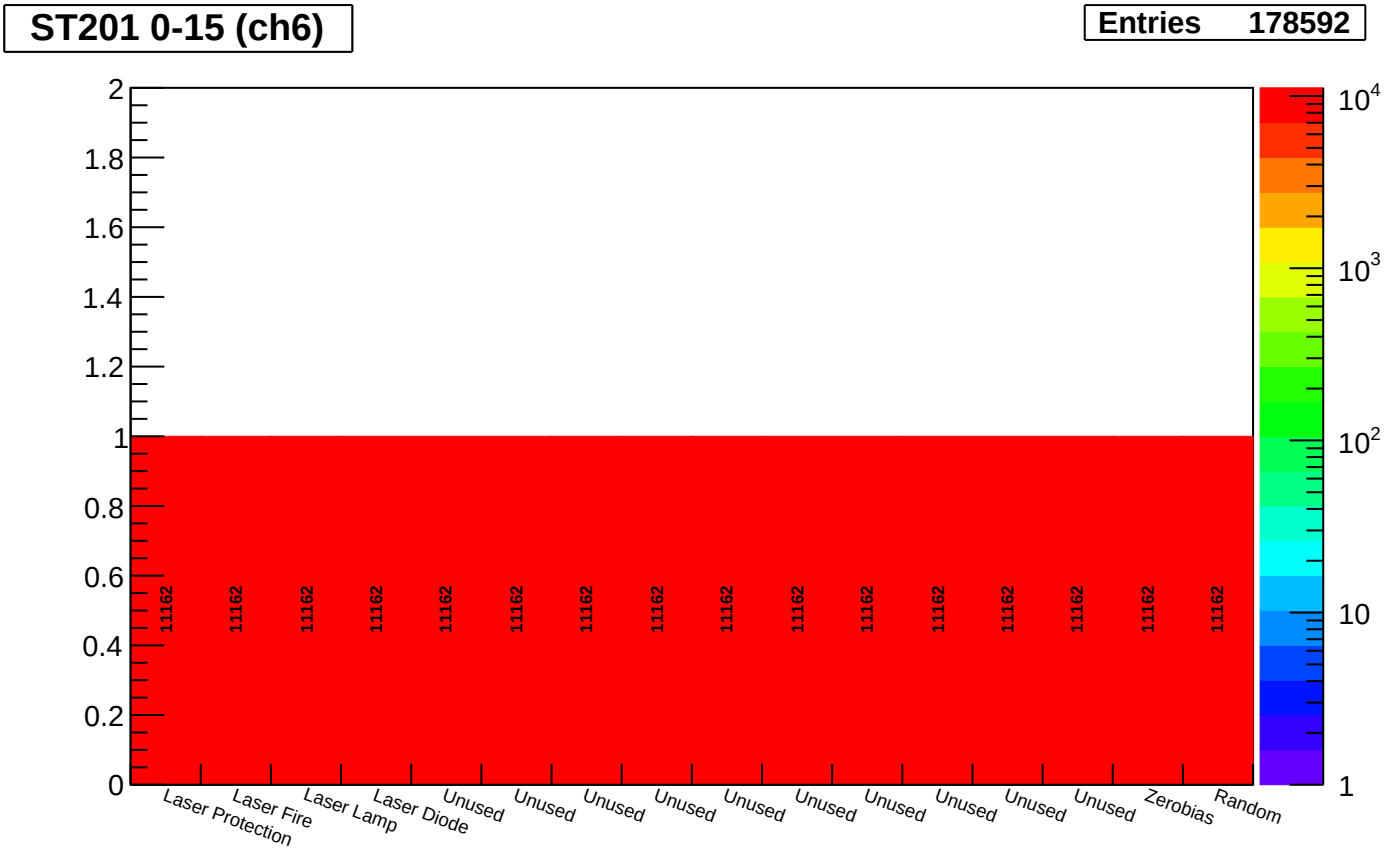

Entries 11162
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

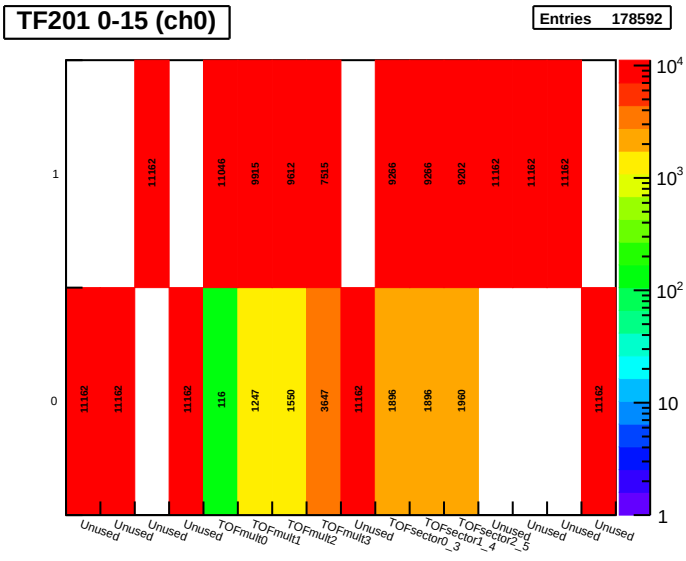

Entries 11162
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

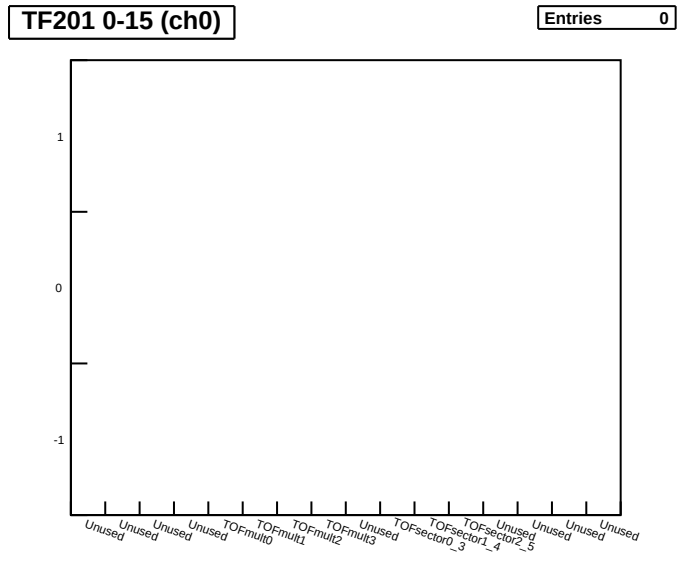

Entries 11162
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

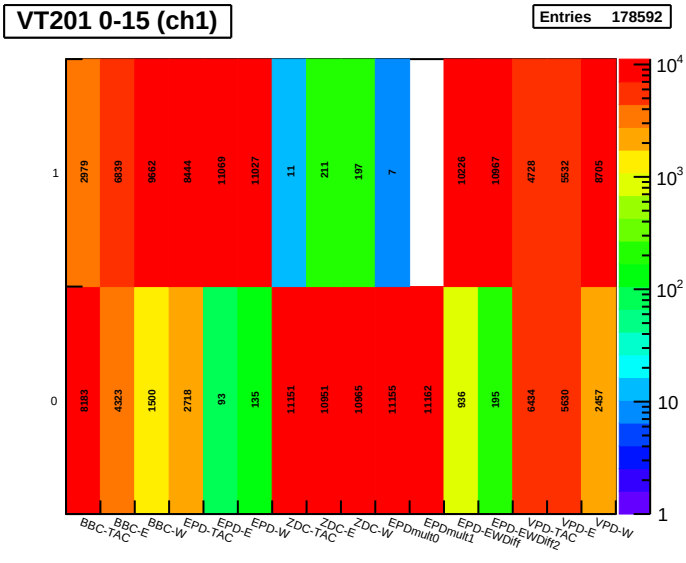

Entries 11162
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

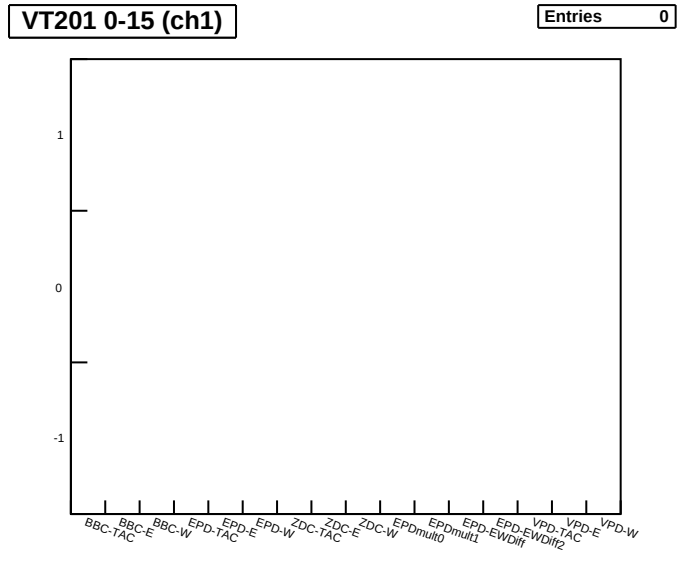

Laser Input Bits
Entries 11162
10^4
10^3
10^2
10
No L,No D
L,No D
D, No L
L,D

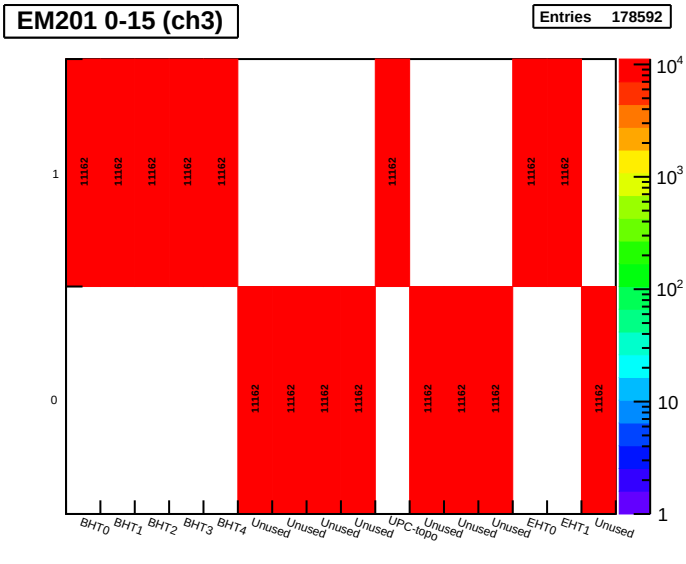

ST201 0-15 (ch6)
Entries 178592
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11162
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^4
10^3
10^2
10
1

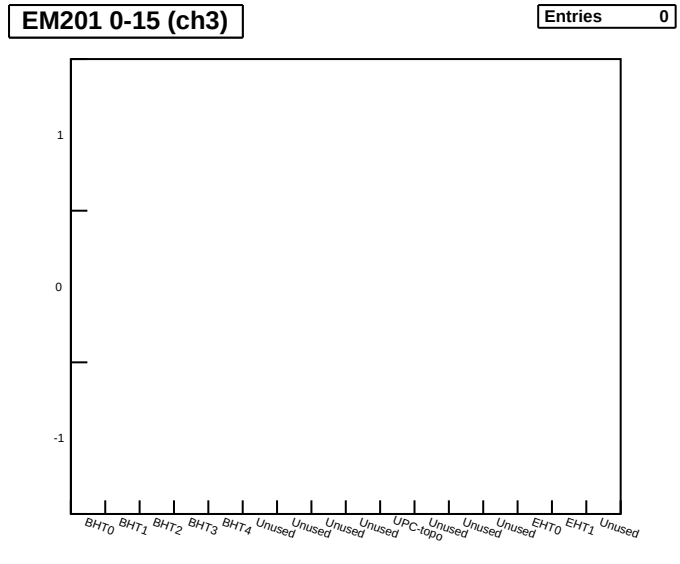

TF201 0-15 (ch0)
Entries 178592
1
0
11162
11162
11162
11162
11046
9915
9612
7515
9266
9266
9202
11162
11162
11162
116
1247
1550
3647
1896
1896
1960
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^4
10^3
10^2
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 178592
1
0
2979
6839
9662
8444
11069
11027
11
211
197
7
10226
10967
4728
5532
8705
8183
4323
1500
2718
93
135
11151
10951
10965
11155
11162
936
195
6434
5630
2467
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 178592
1
0
11162
11162
11162
11162
11162
11162
11162
11162
11162
11162
11162
11162
11162
11162
11162
11162
11162
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