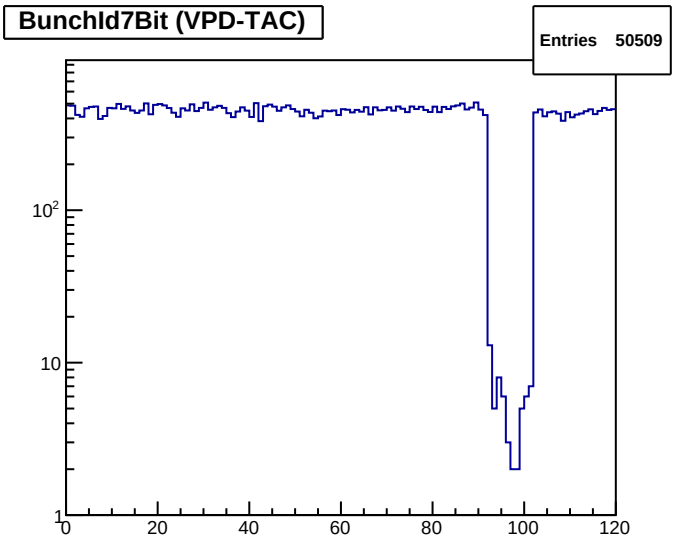
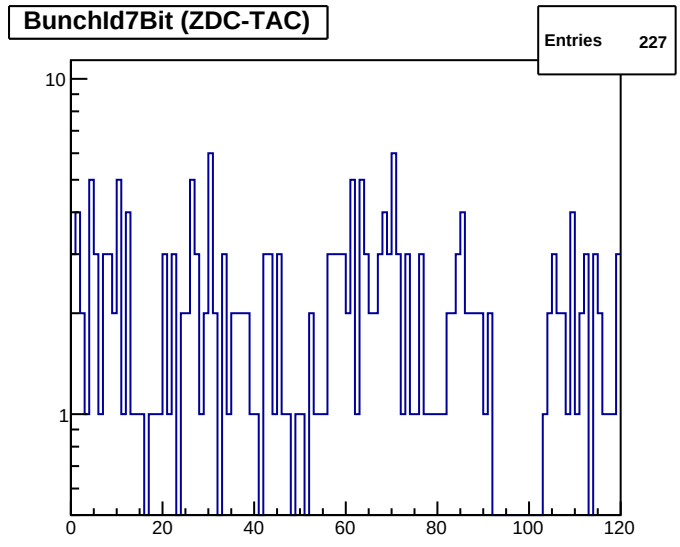
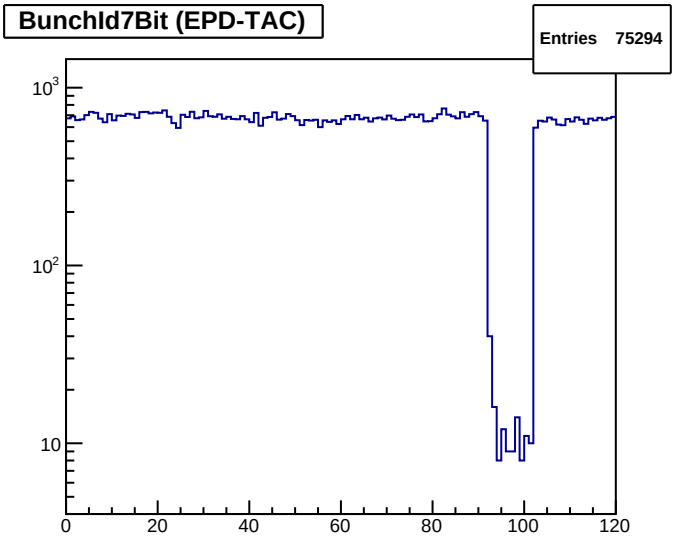
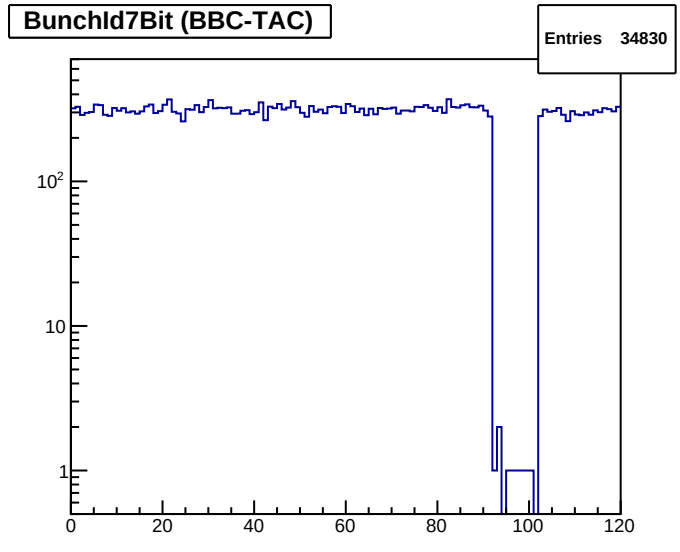
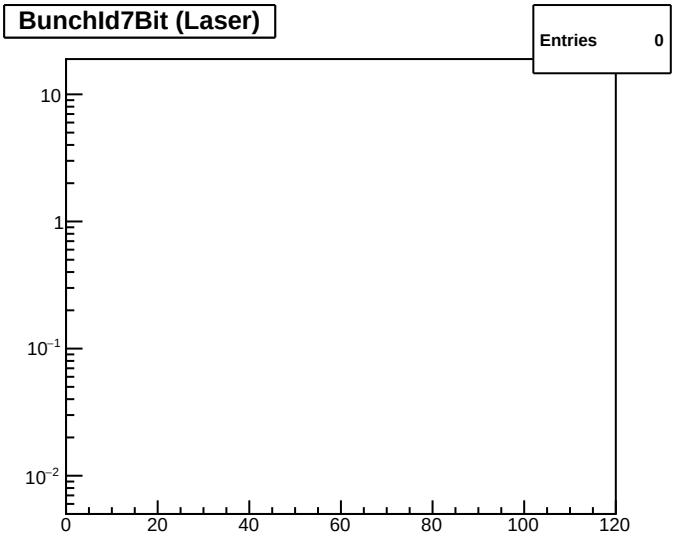
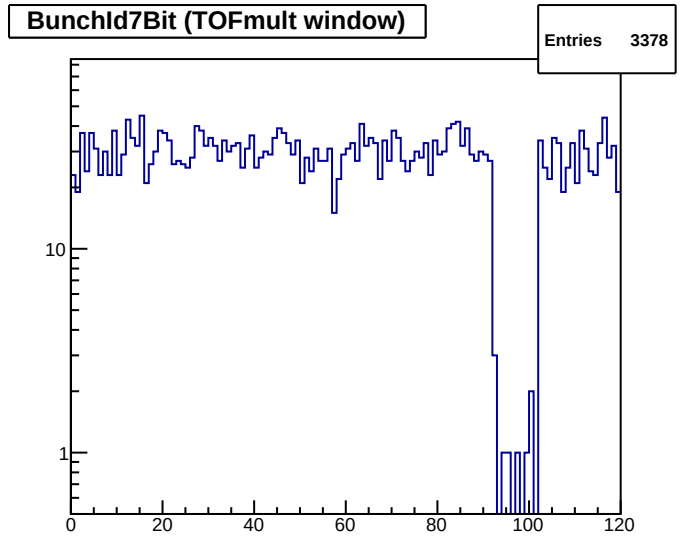

BunchId7Bit (VPD-TAC)
Entries 50509

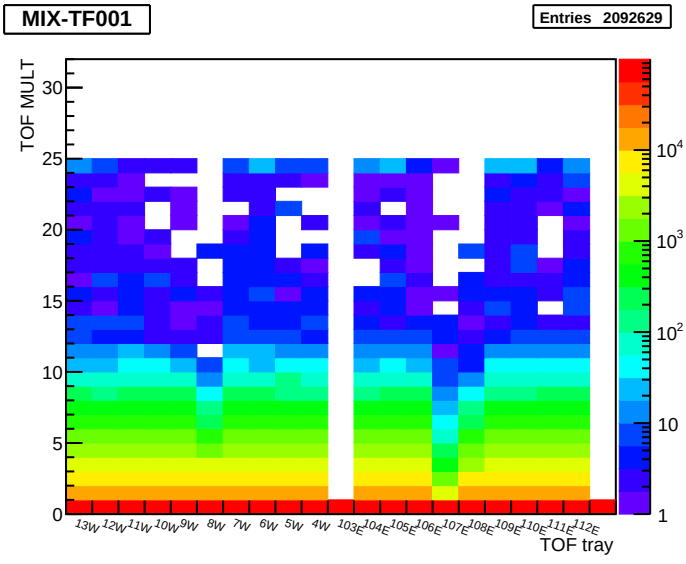

BunchId7Bit (ZDC-TAC)
Entries 227

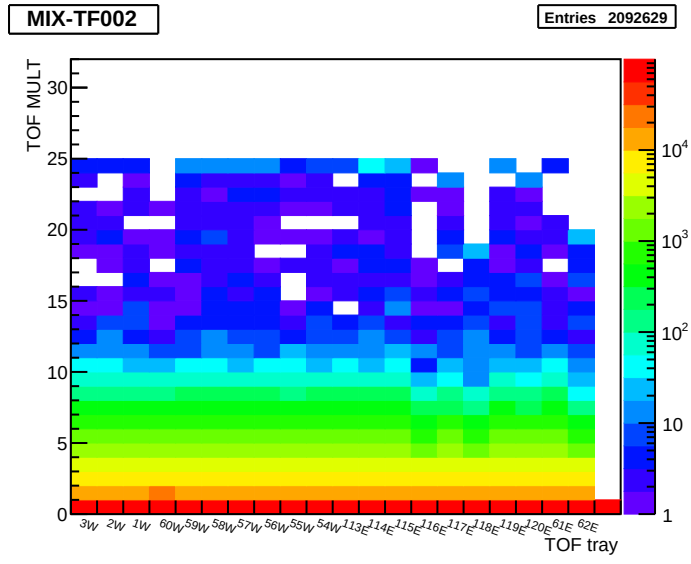

BunchId7Bit (EPD-TAC)
Entries 75294

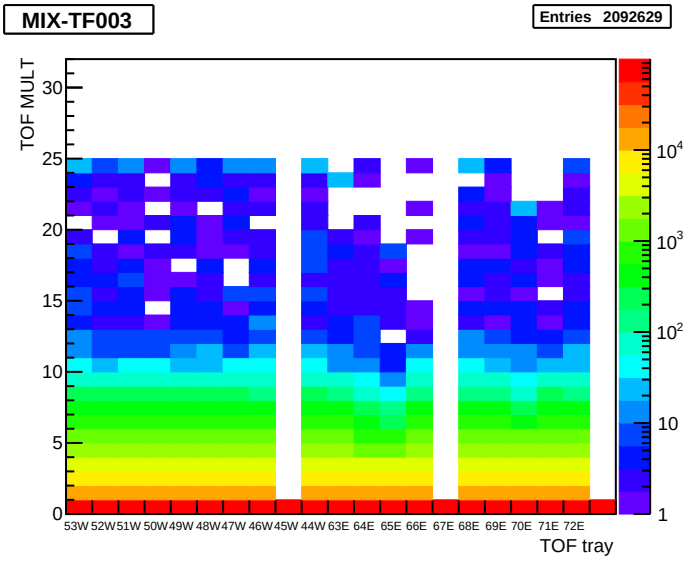

BunchId7Bit (BBC-TAC)
Entries 34830

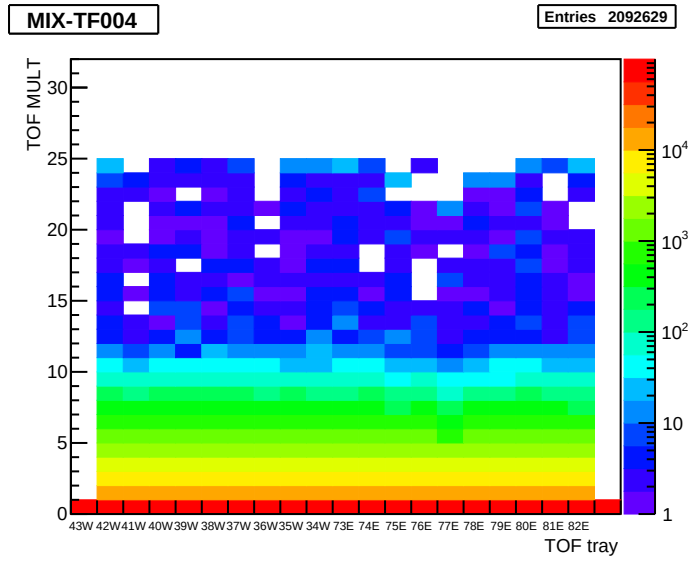

BunchId7Bit (Laser)
Entries 0

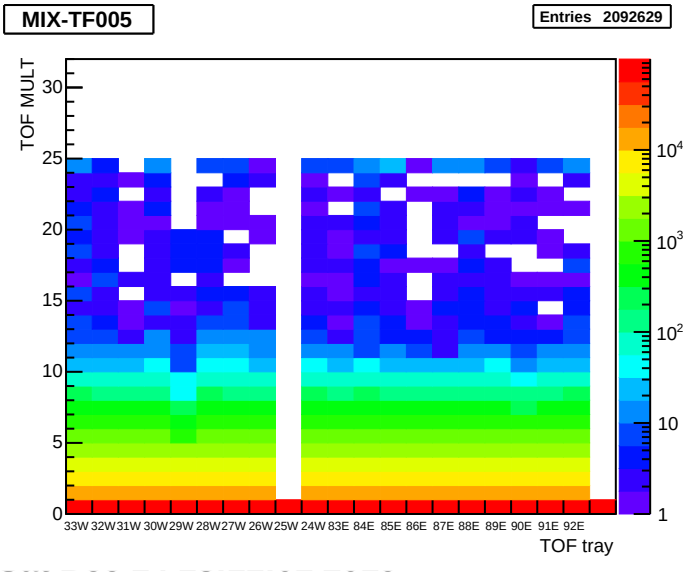

BunchId7Bit (TOFmult window)
Entries 3378

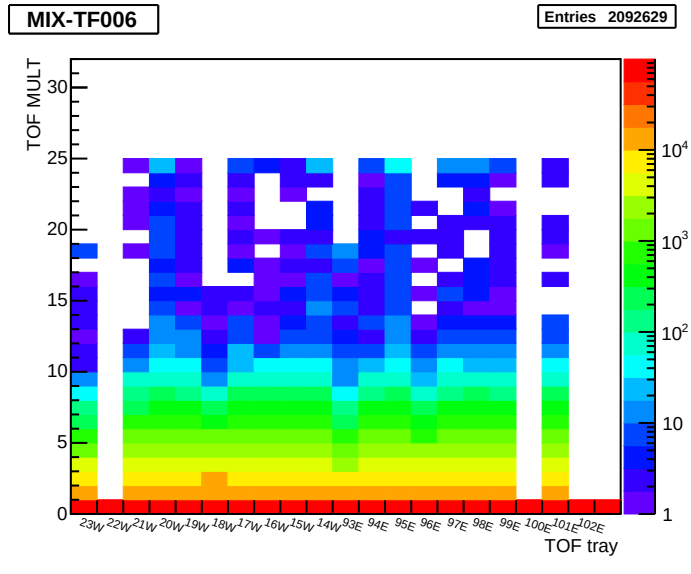

MIX-TF001
Entries 2092629
TOF MULT
TOF tray

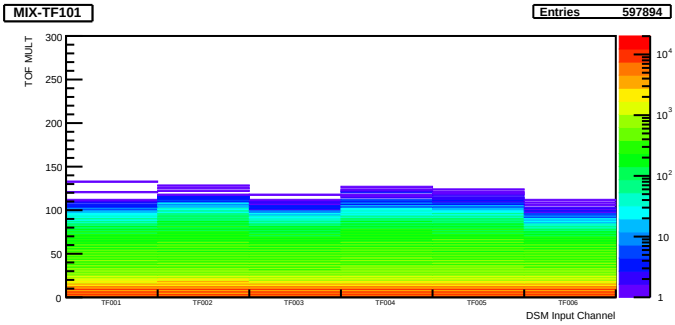

MIX-TF002
Entries 2092629
TOF MULT
TOF tray

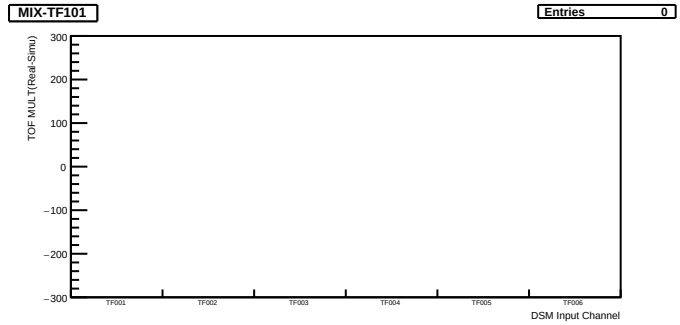

MIX-TF003
Entries 2092629
TOF MULT
TOF tray

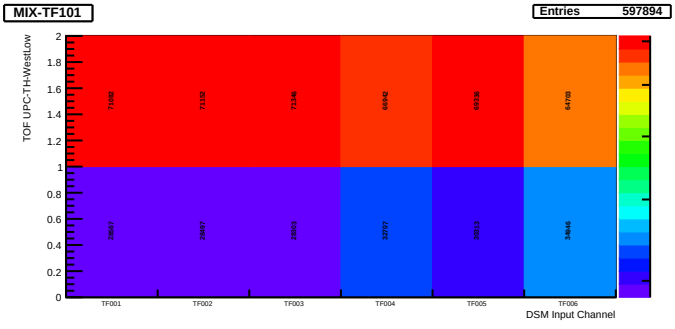

MIX-TF004
Entries 2092629
TOF MULT
TOF tray

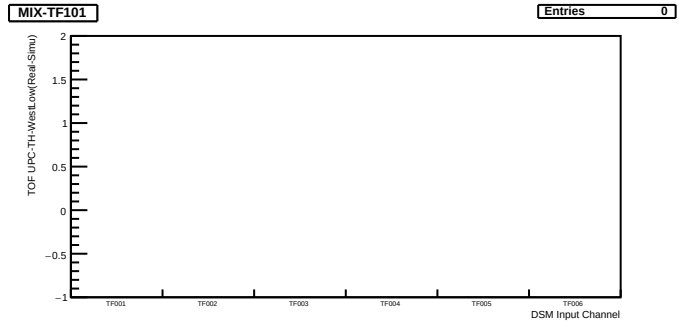

MIX-TF005
Entries 2092629
TOF MULT
TOF tray

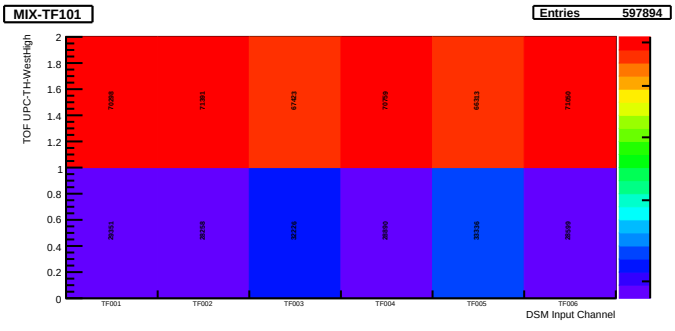

MIX-TF006
Entries 2092629
TOF MULT
TOF tray

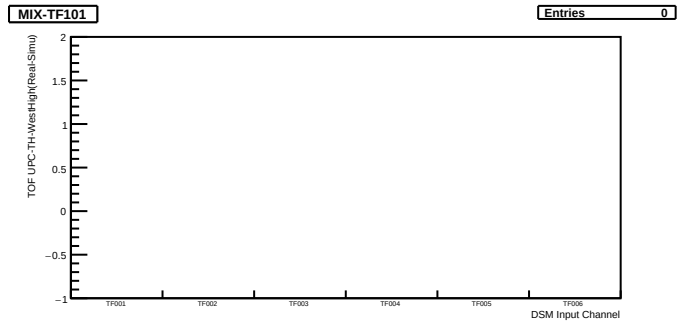

MIX-TF101
Entries 597894
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

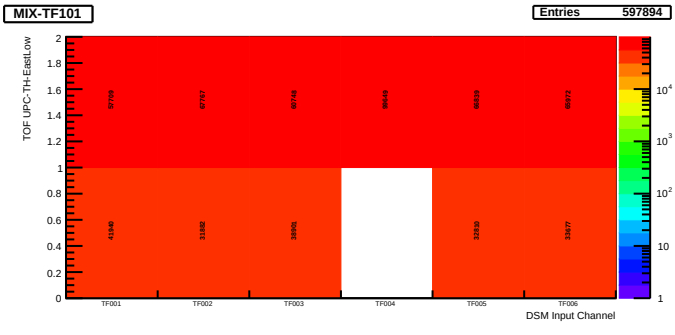

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

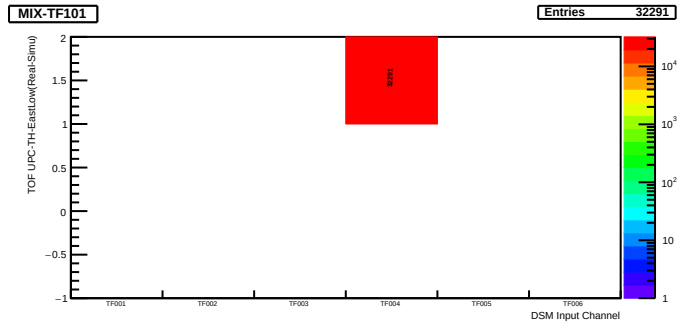

MIX-TF101
Entries 597894
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

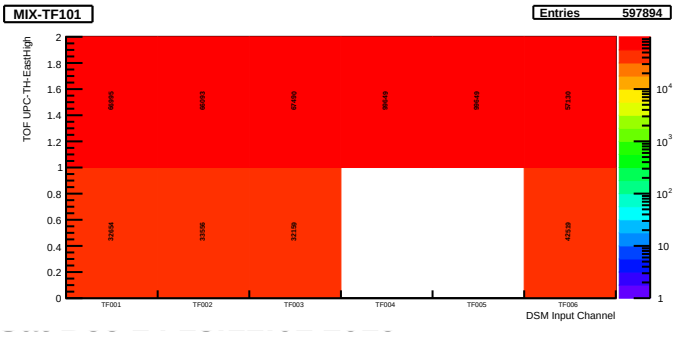

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

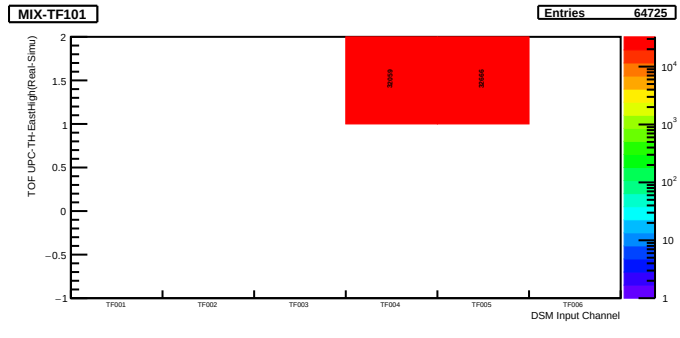

MIX-TF101
Entries 597894
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

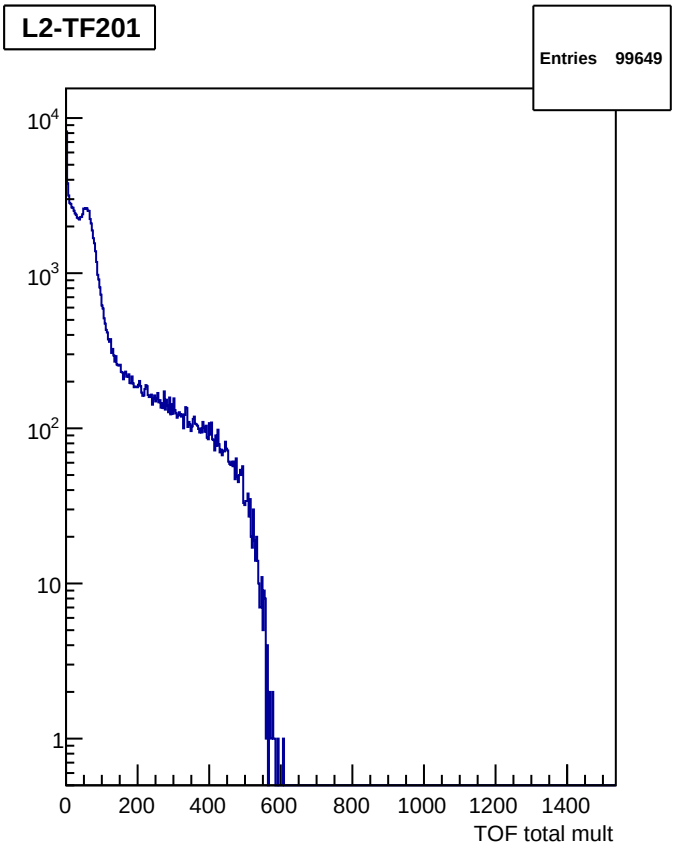

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

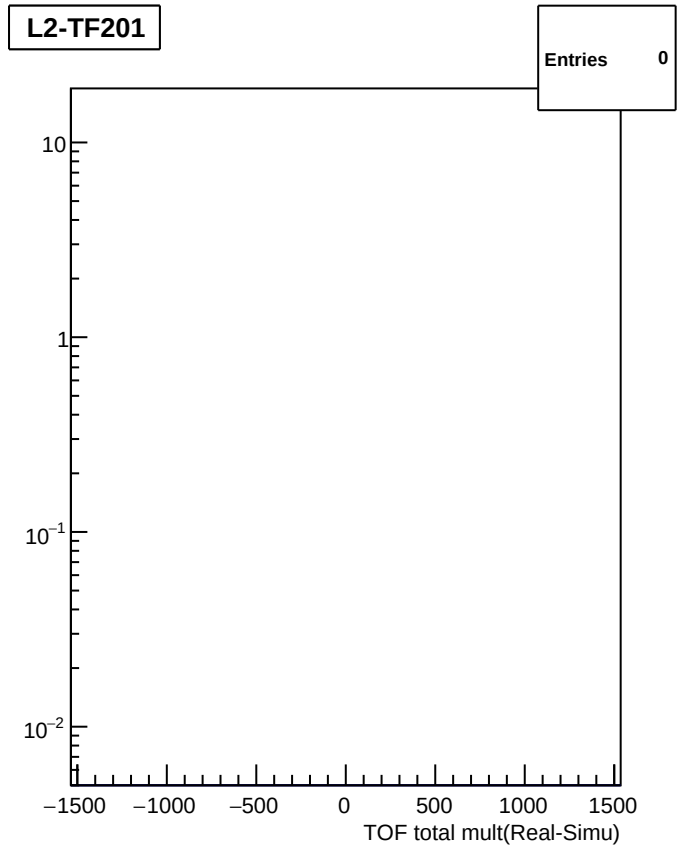

MIX-TF101
Entries 597894
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

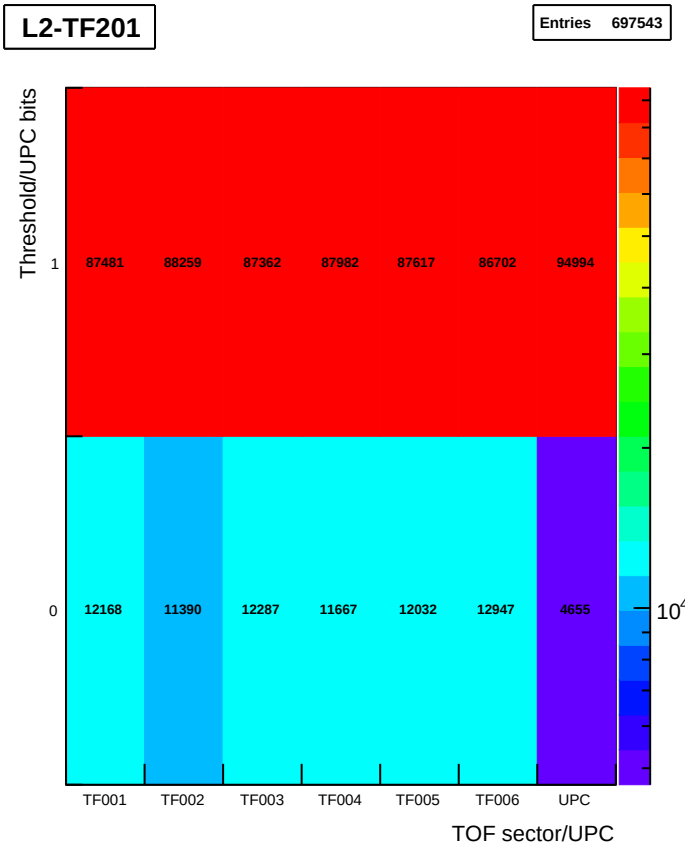

MIX-TF101
Entries 32291
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

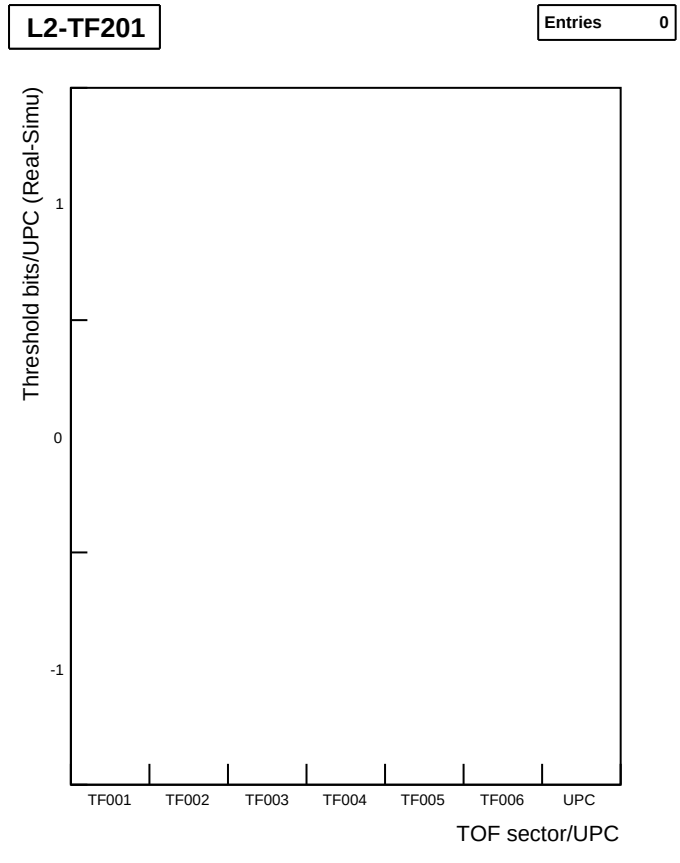

MIX-TF101
Entries 597894
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

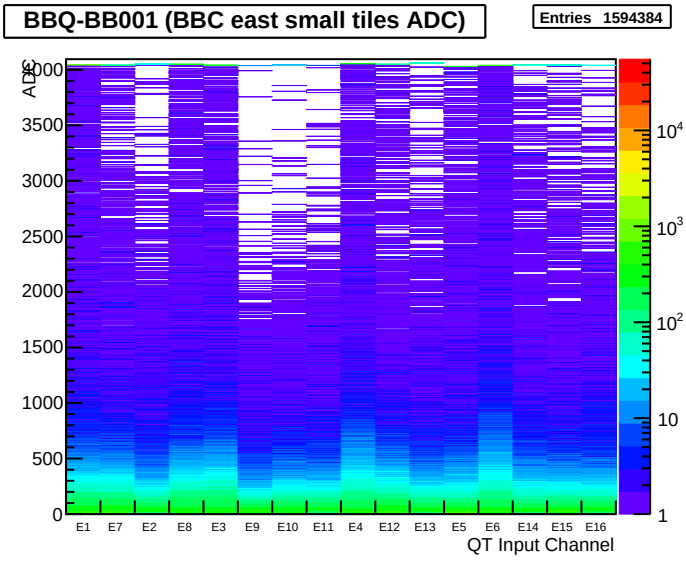

MIX-TF101
Entries 64725
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

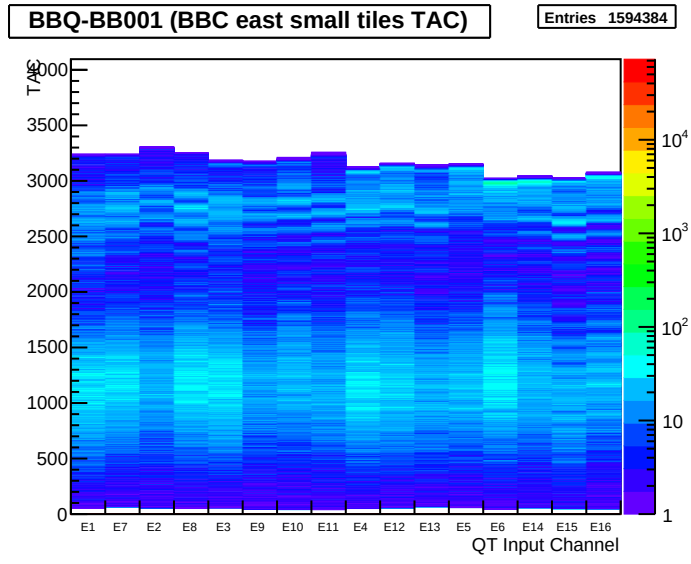

L2-TF201
Entries 99649
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

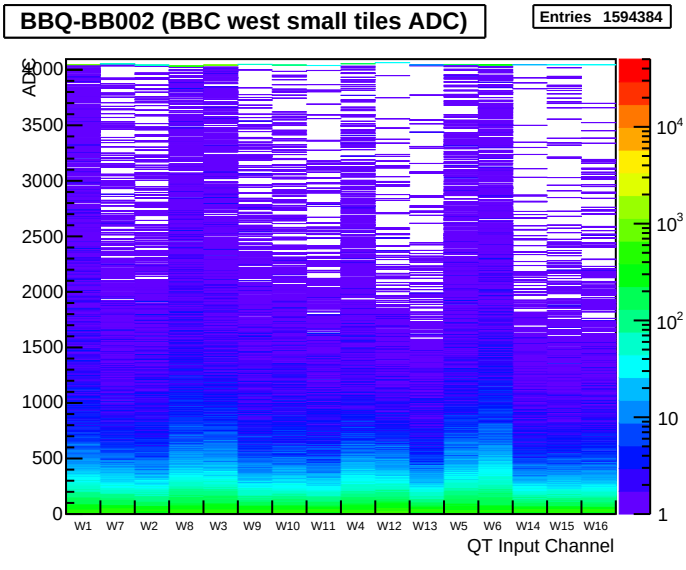

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

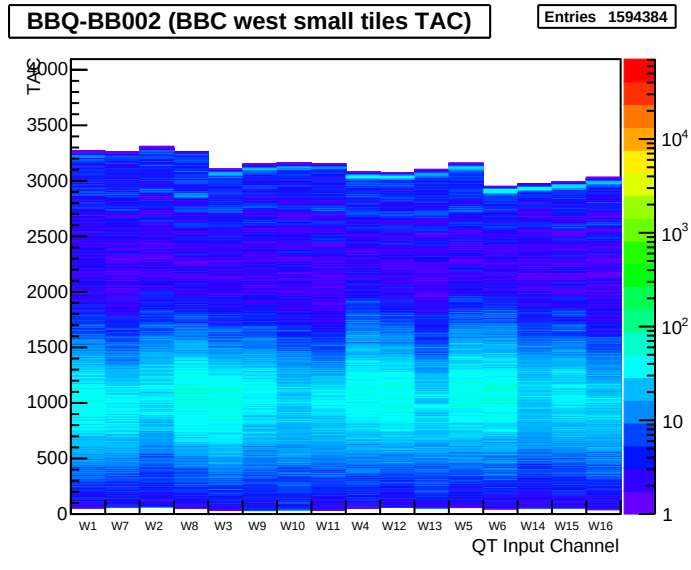

L2-TF201
Entries 697543
Threshold/UPC bits
1
0
87481
88259
87362
87982
87617
86702
94994
12168
11390
12287
11667
12032
12947
4655
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

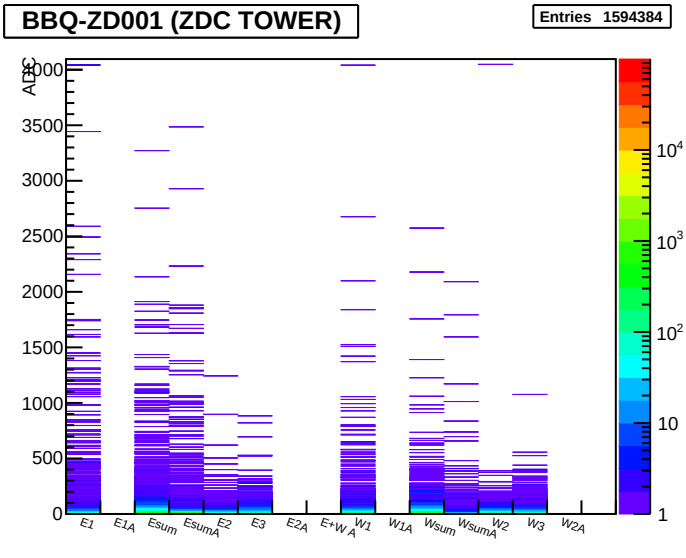

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

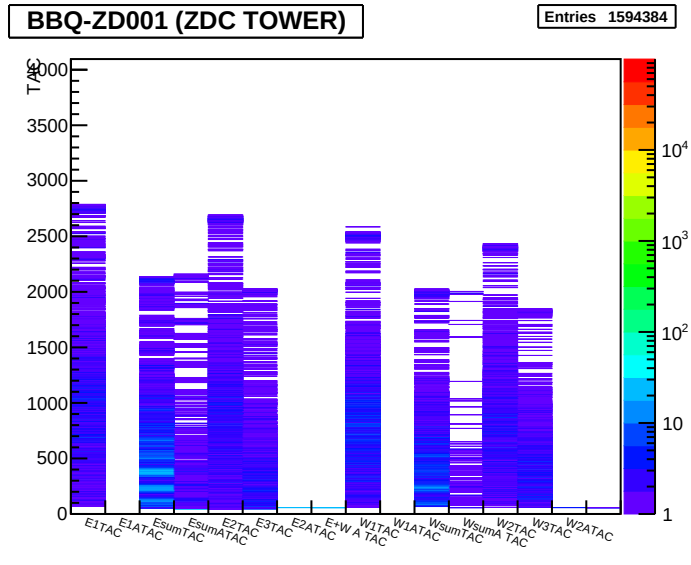

BBQ-BB001 (BBC east small tiles ADC)
Entries 1594384
ADC
QT Input Channel

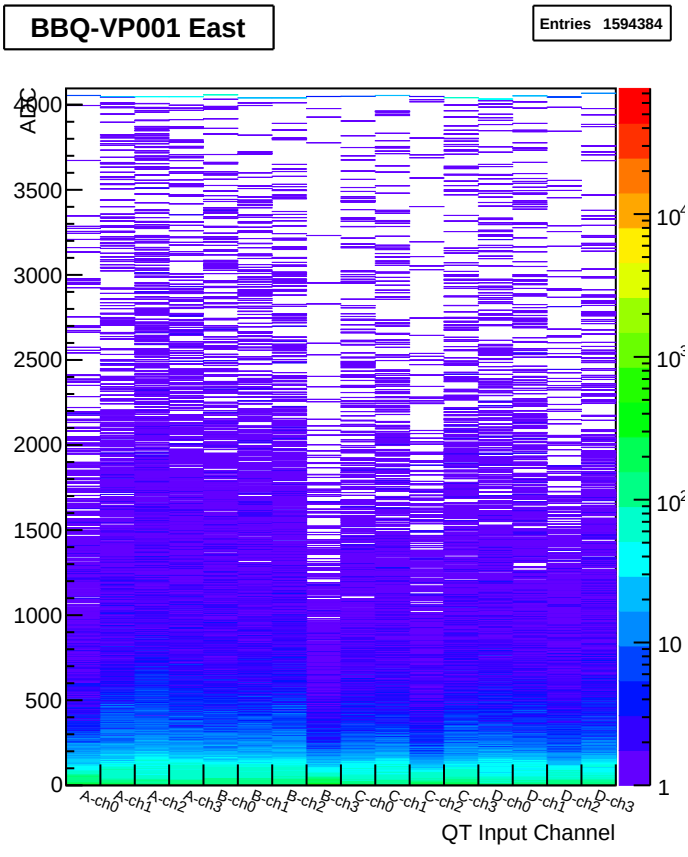

BBQ-BB001 (BBC east small tiles TAC)
Entries 1594384
TAC
QT Input Channel

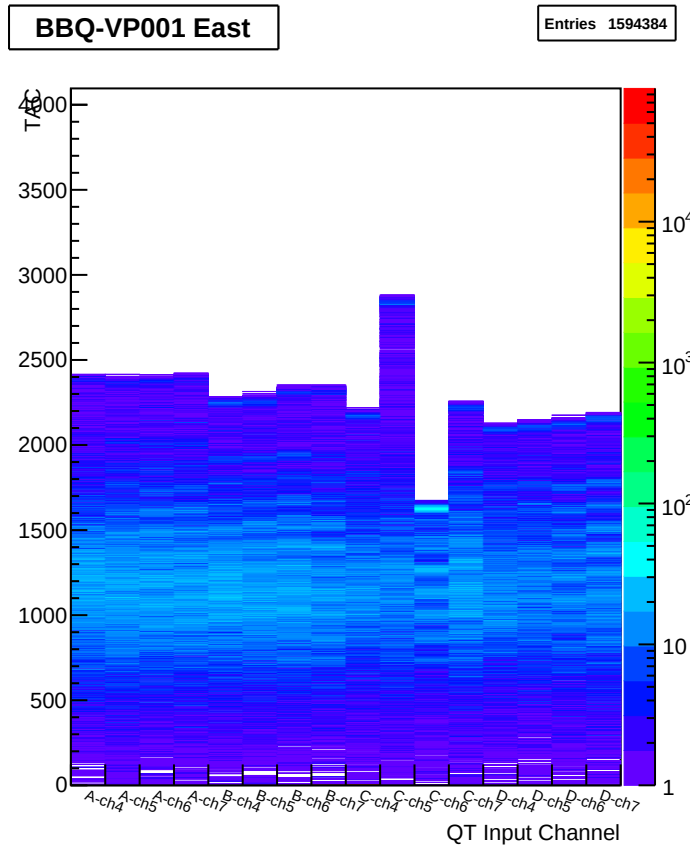

BBQ-BB002 (BBC west small tiles ADC)
Entries 1594384
ADC
QT Input Channel

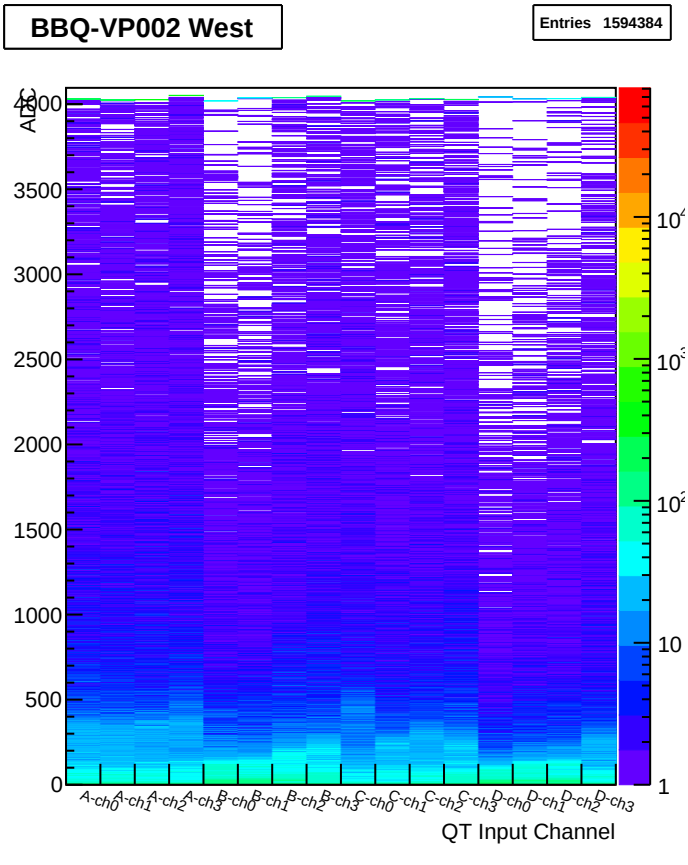

BBQ-BB002 (BBC west small tiles TAC)
Entries 1594384
TAC
QT Input Channel

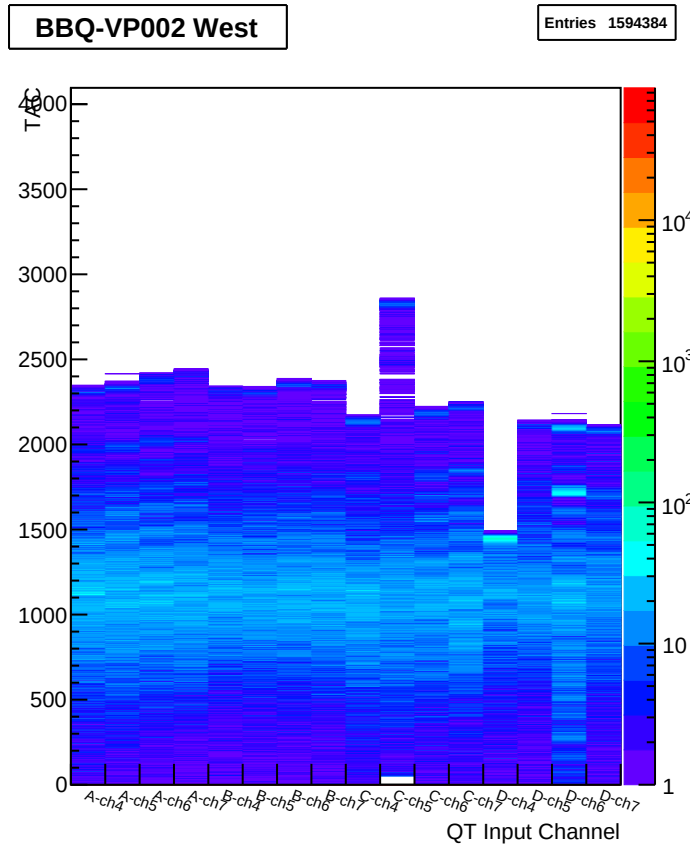

BBQ-ZD001 (ZDC TOWER)
Entries 1594384
ADC

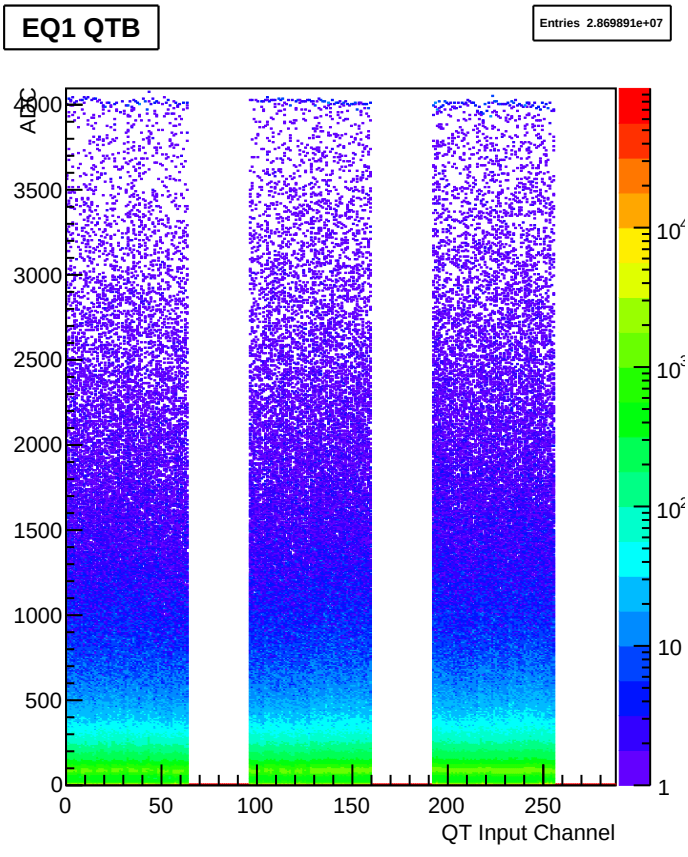

BBQ-ZD001 (ZDC TOWER)
Entries 1594384
TAC

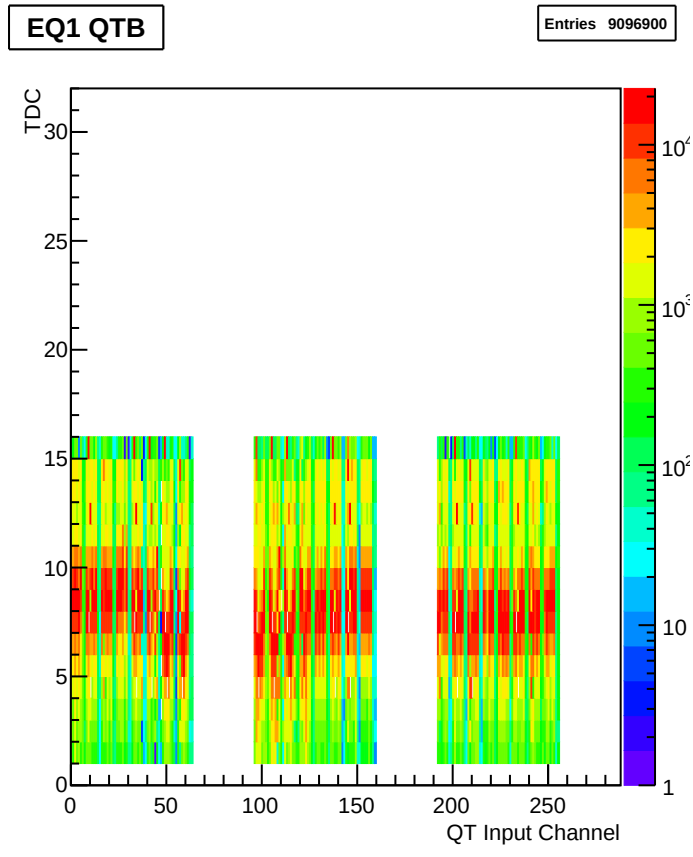

BBQ-VP001 East
Entries 1594384
ADC
QT Input Channel

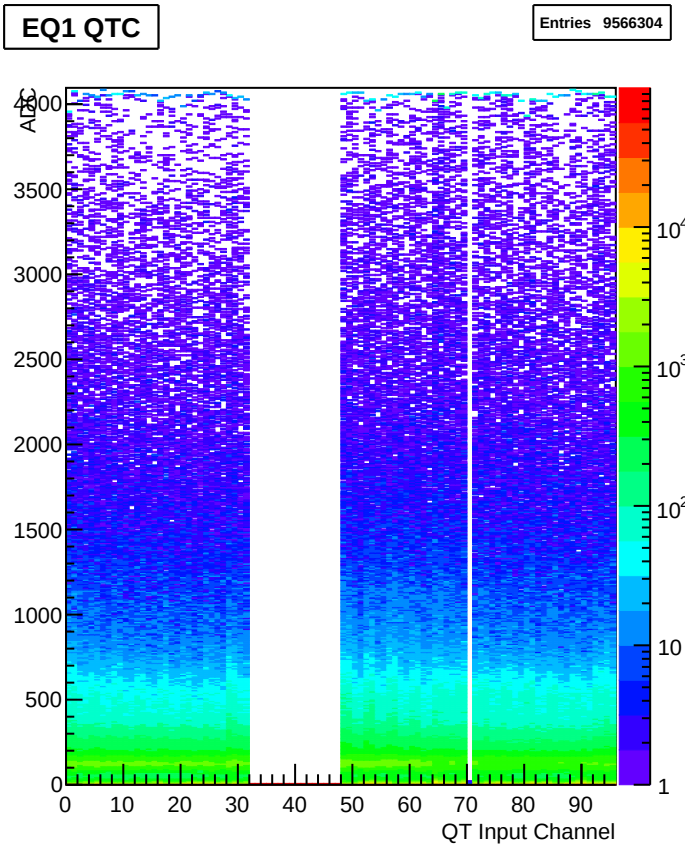

BBQ-VP001 East
Entries 1594384
TADC
QT Input Channel

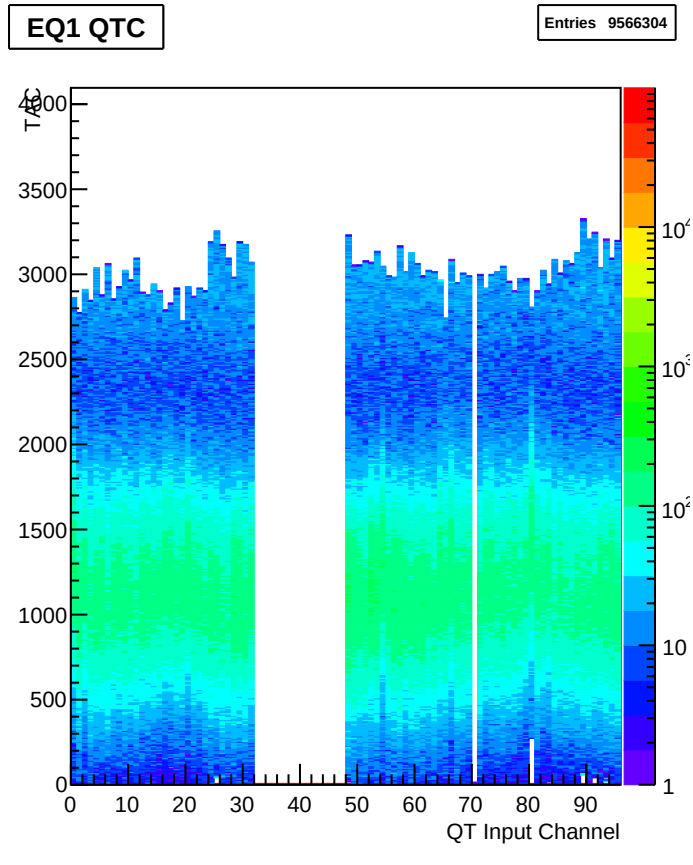

BBQ-VP002 West
Entries 1594384
ADC
QT Input Channel

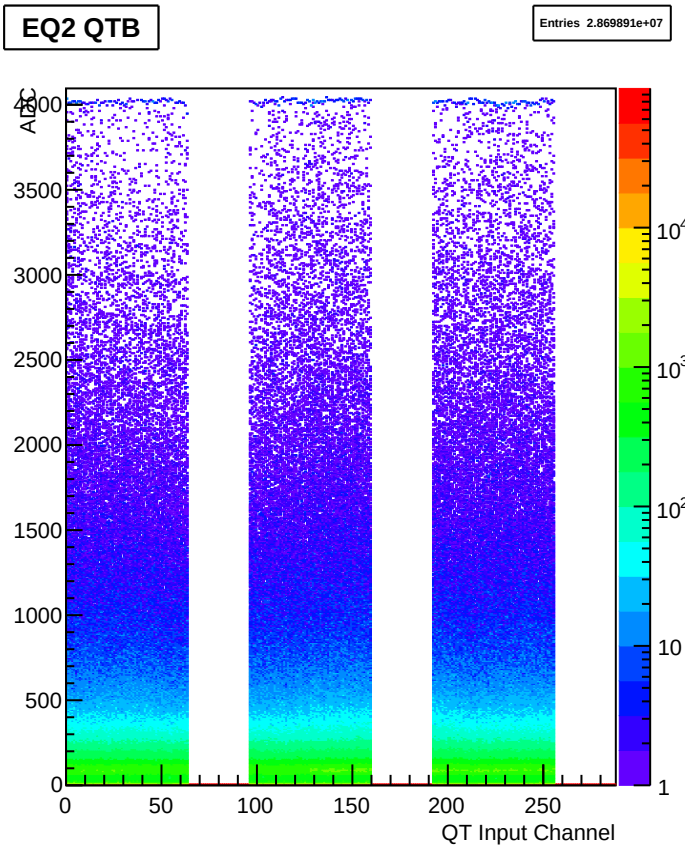

BBQ-VP002 West
Entries 1594384
TADC
QT Input Channel

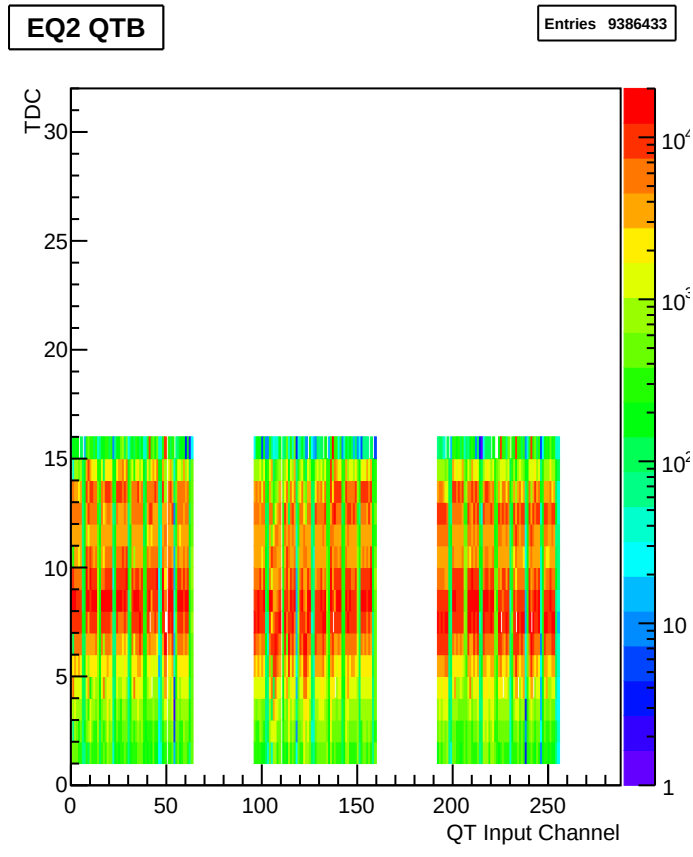

EQ1 QTB
Entries 2.869891e+07
ADC
QT Input Channel

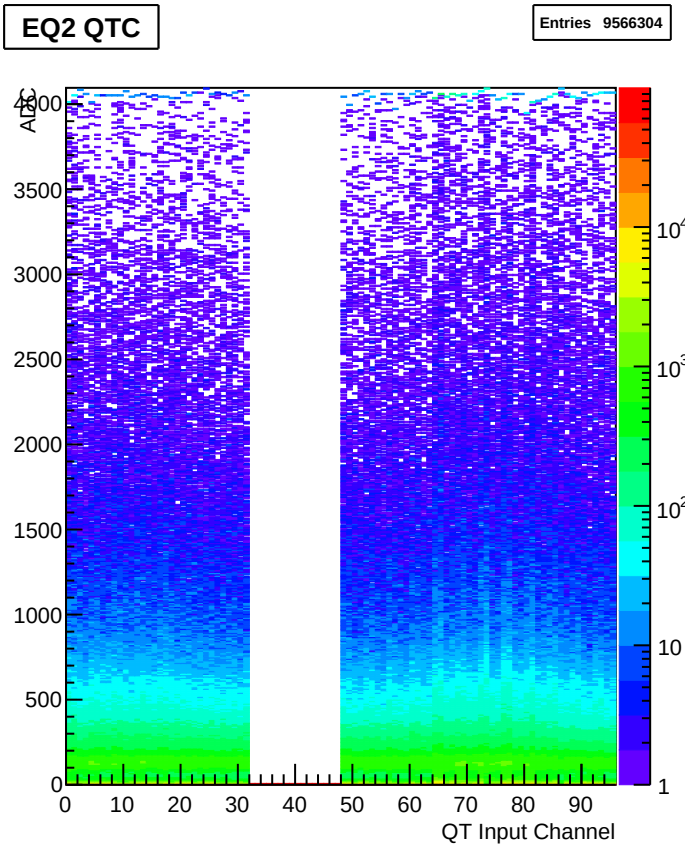

EQ1 QTB
Entries 9096900
TDC
QT Input Channel

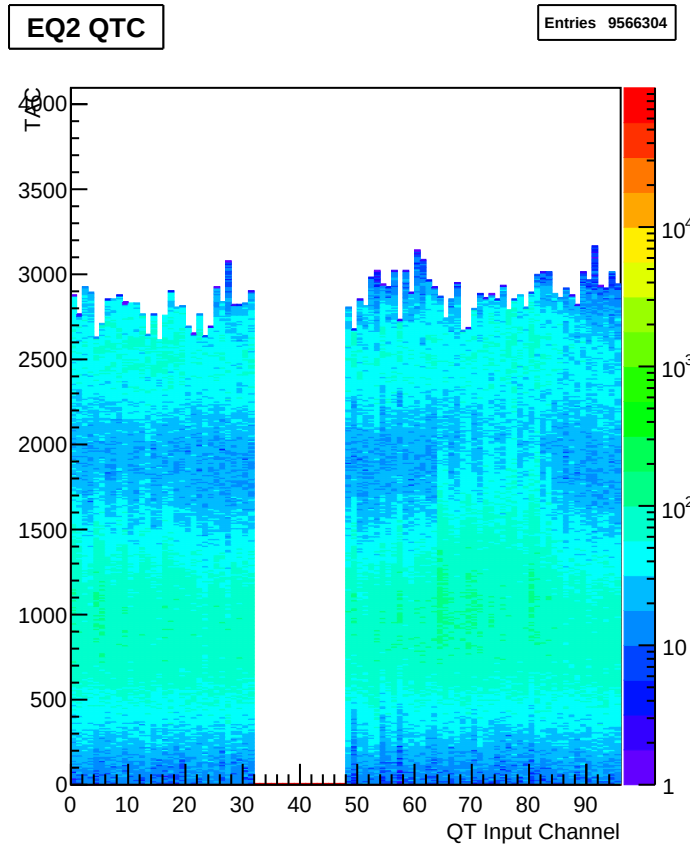

EQ1 QTC
Entries 9566304
ADC
QT Input Channel

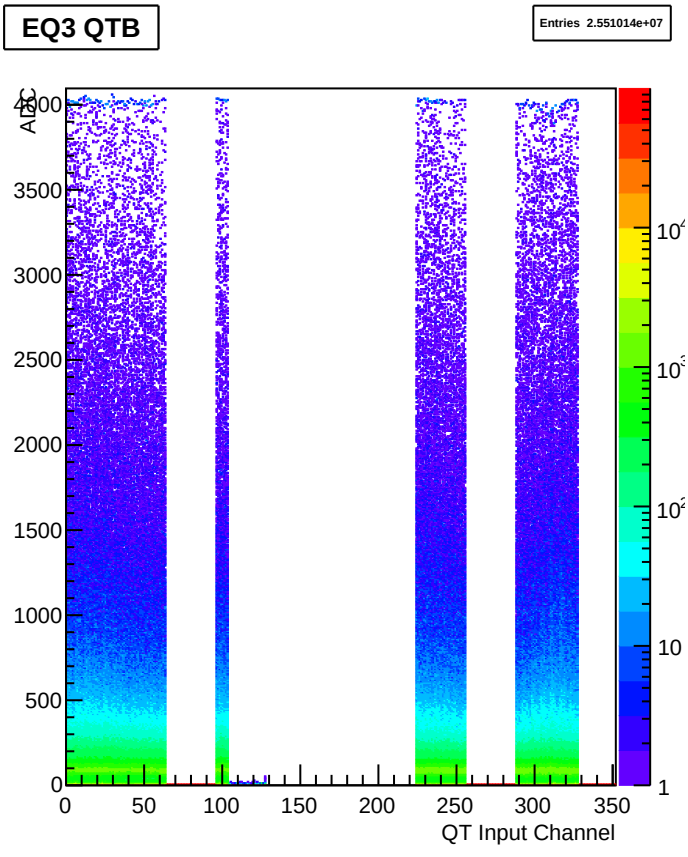

EQ1 QTC
Entries 9566304
TADC
QT Input Channel

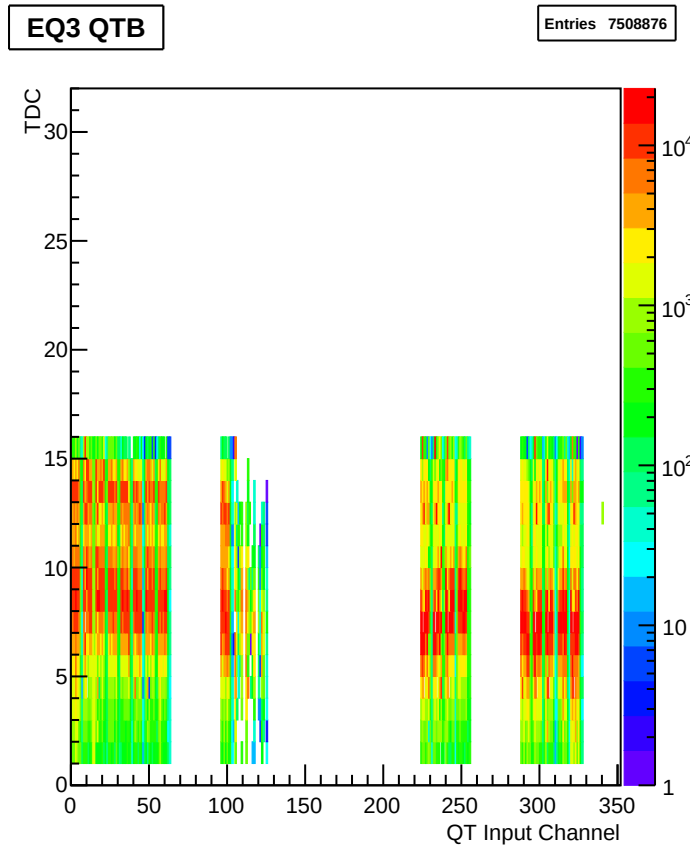

EQ2 QTB
Entries 2.869891e+07
ADC
QT Input Channel

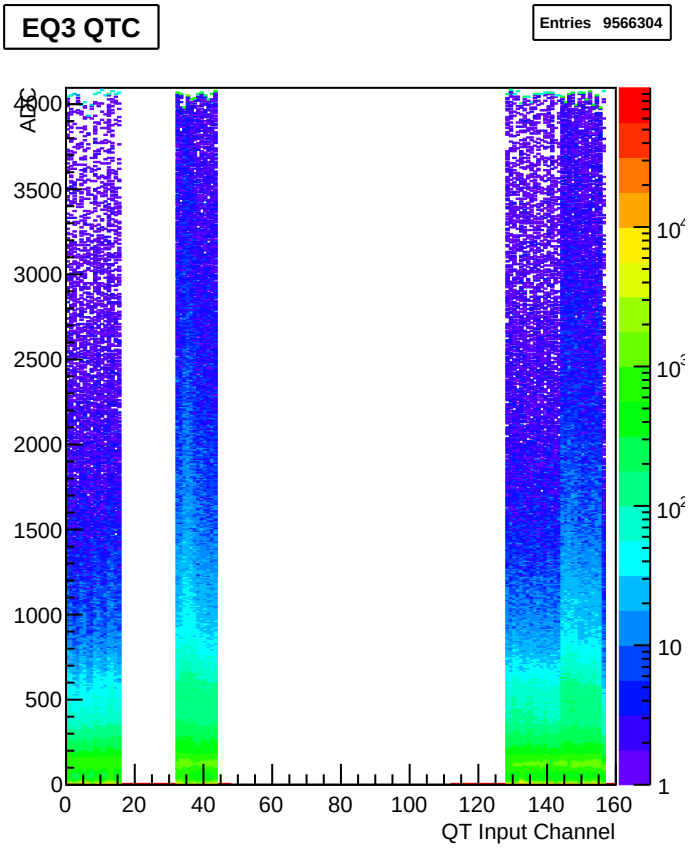

EQ2 QTB
Entries 9386433
TDC
QT Input Channel

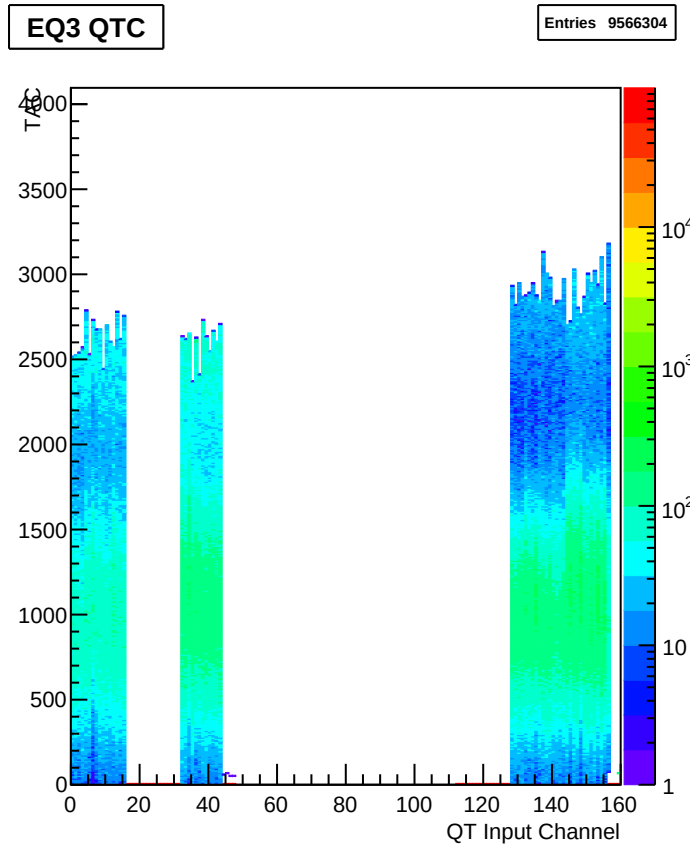

EQ2 QTC
Entries 9566304
ADC
QT Input Channel

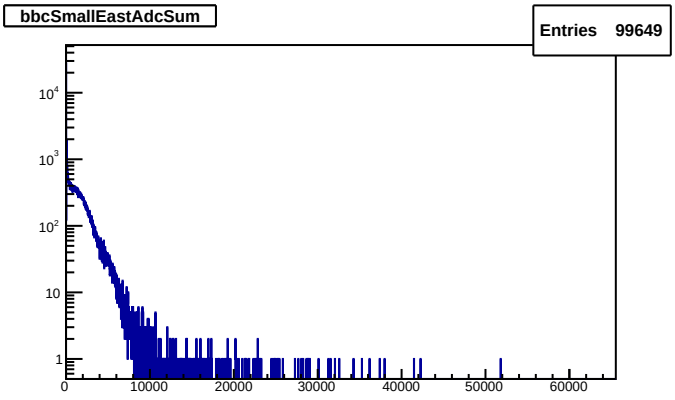

EQ2 QTC
Entries 9566304
TADC
QT Input Channel

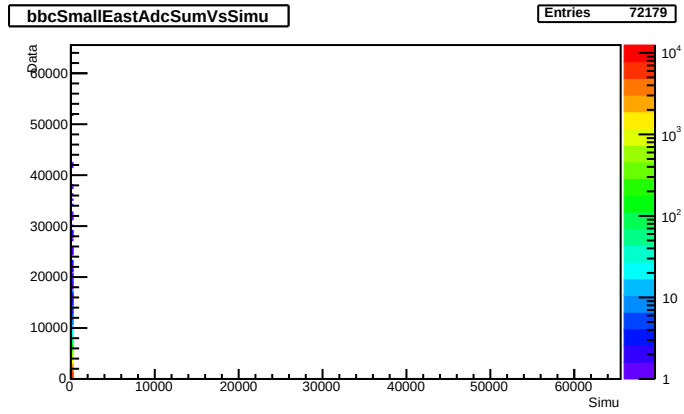

EQ3 QTB
Entries 2.551014e+07
ADC
QT Input Channel

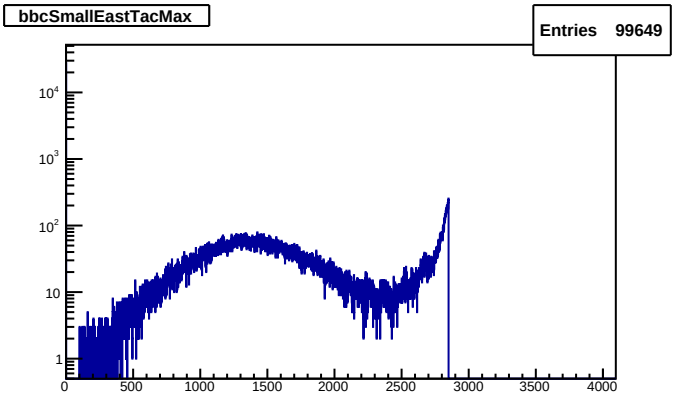

EQ3 QTB
Entries 7508876
TDC
QT Input Channel

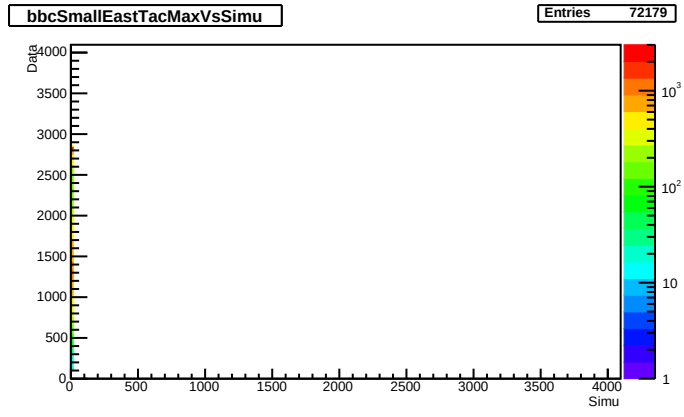

EQ3 QTC
Entries 9566304
ADC
QT Input Channel

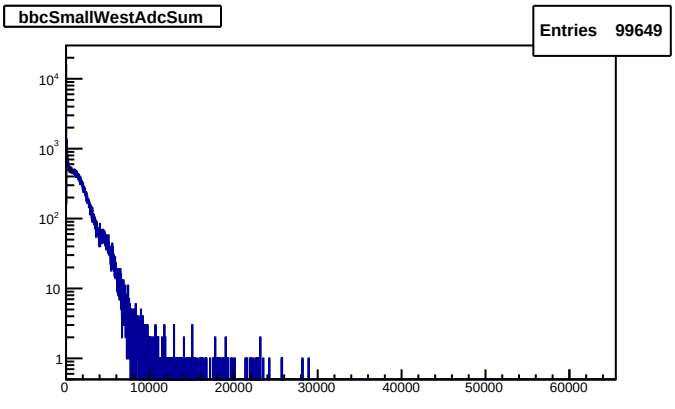

EQ3 QTC
Entries 9566304
TADC
QT Input Channel

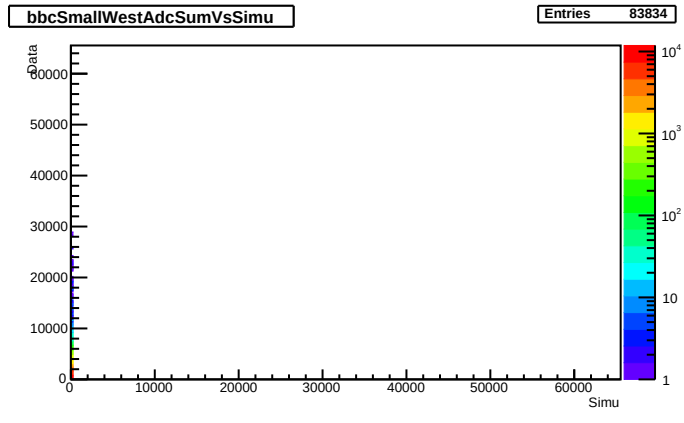

bbcSmallEastAdcSum
Entries 99649

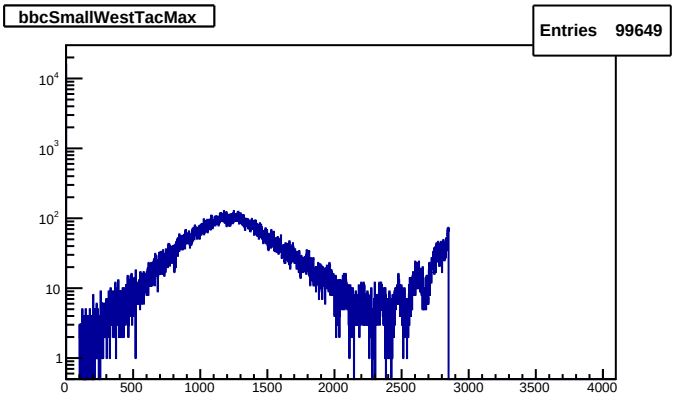

bbcSmallEastAdcSumVsSimu
Entries 72179
Data
Simu

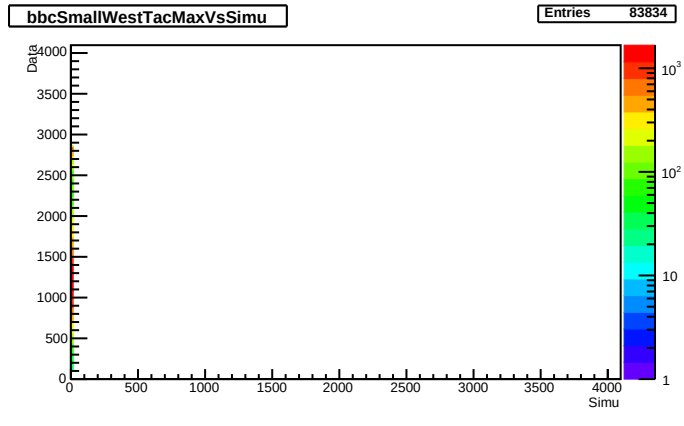

bbcSmallEastTacMax
Entries 99649

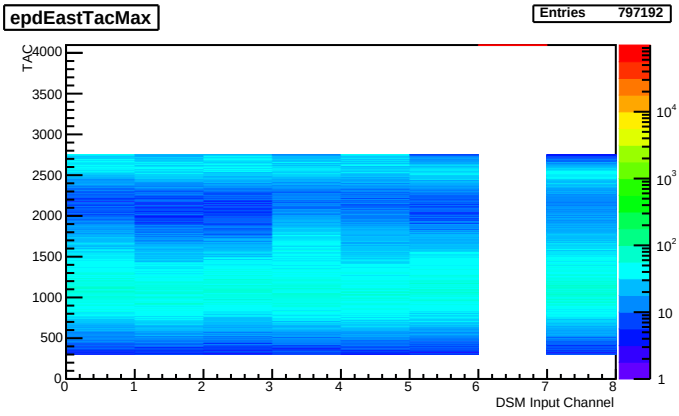

bbcSmallEastTacMaxVsSimu
Entries 72179
Data
Simu

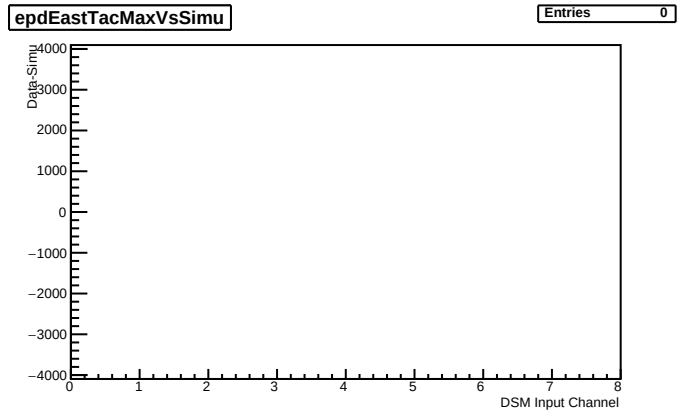

bbcSmallWestAdcSum
Entries 99649

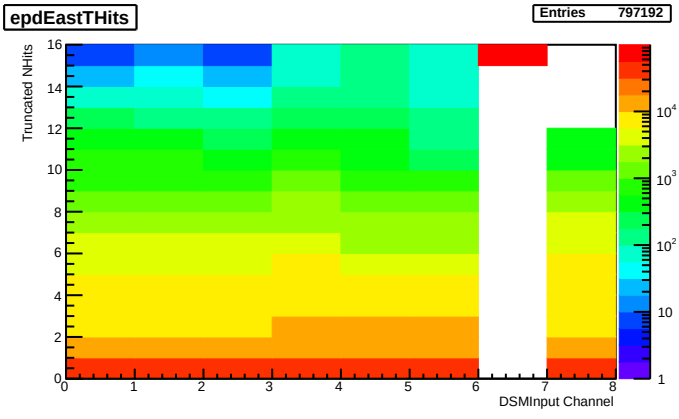

bbcSmallWestAdcSumVsSimu
Entries 83834
Data
Simu

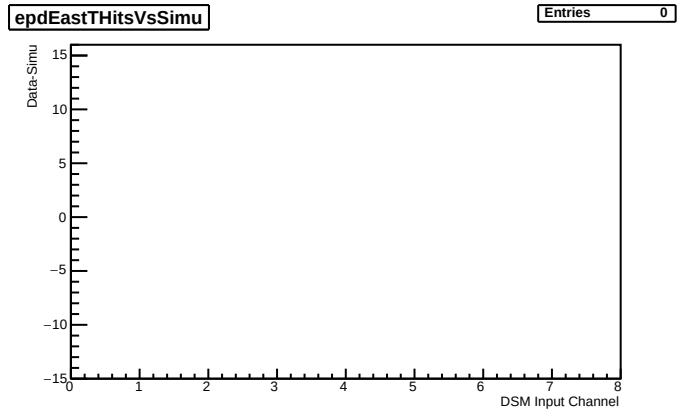

bbcSmallWestTacMax
Entries 99649

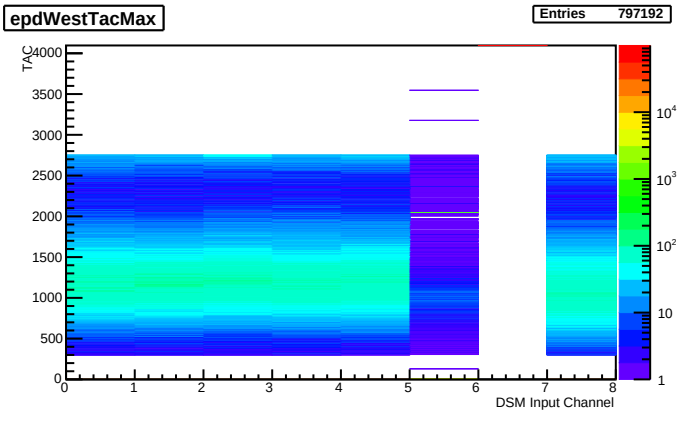

bbcSmallWestTacMaxVsSimu
Entries 83834
Data
Simu

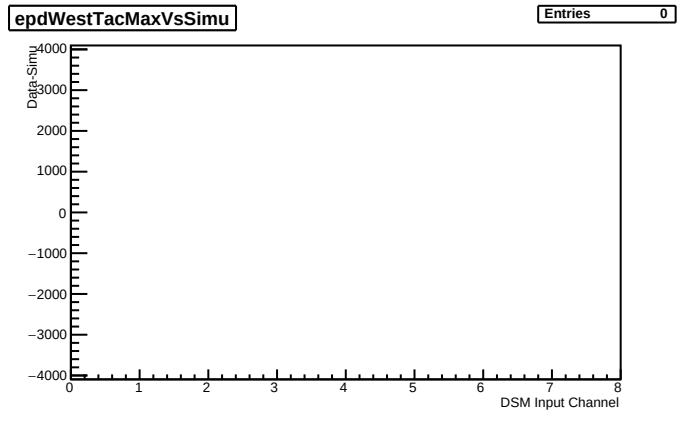

epdEastTacMax
Entries 797192
TAC
DSM Input Channel

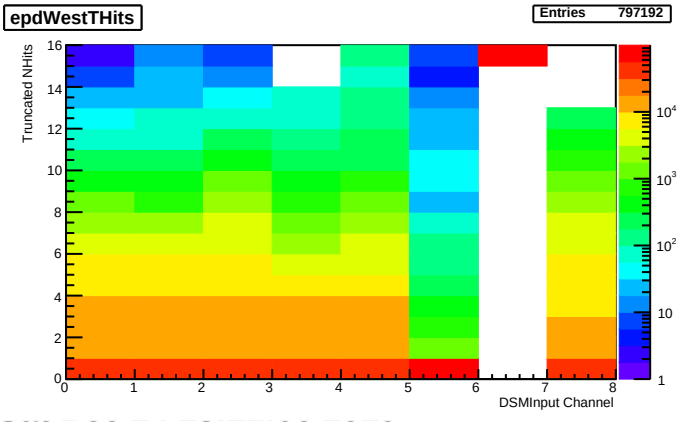

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

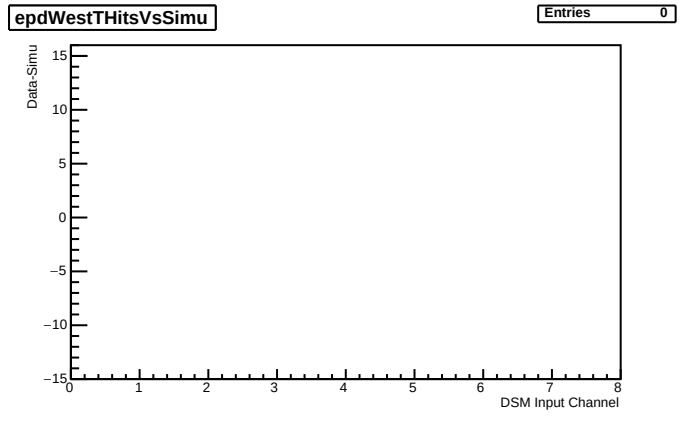

epdEastTHits
Entries 797192
Truncated NHits
DSMInput Channel

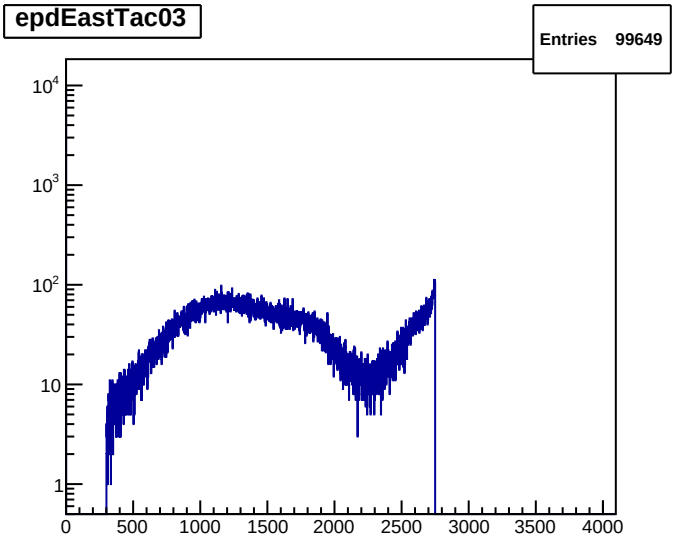

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

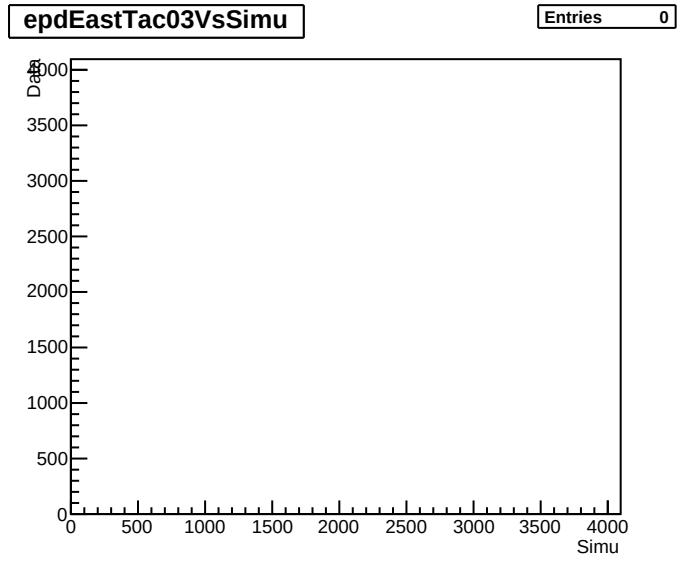

epdWestTacMax
Entries 797192
TAC
DSM Input Channel

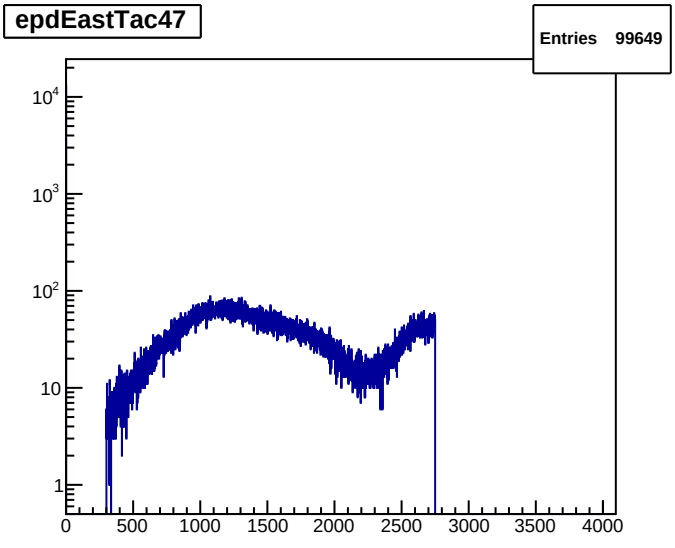

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

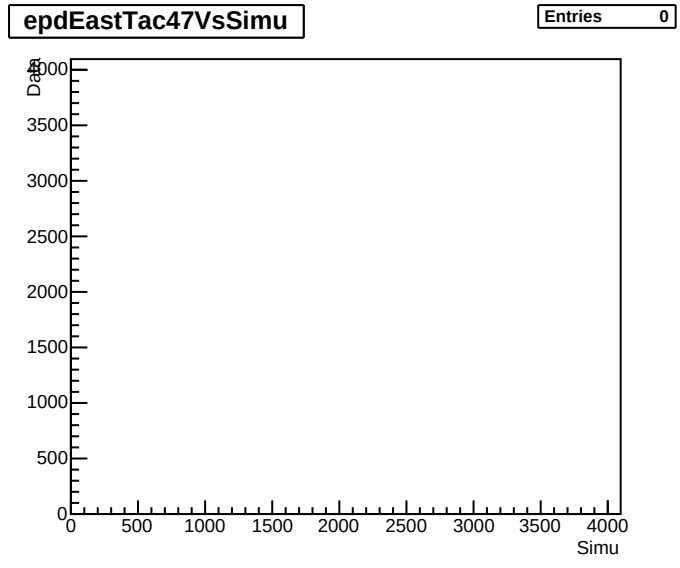

epdWestTHits
Entries 797192
Truncated NHits
DSMInput Channel

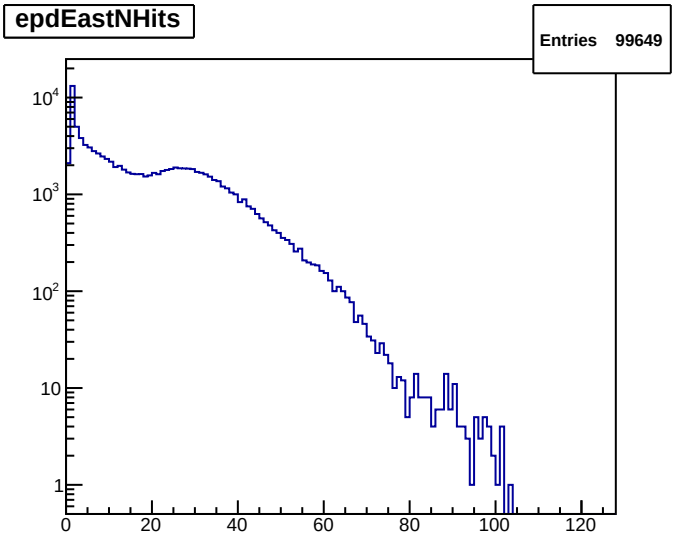

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

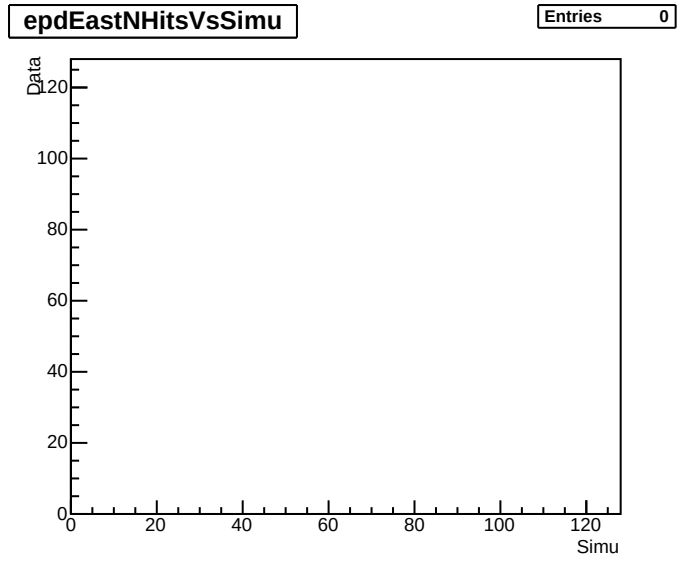

epdEastTac03
Entries 99649

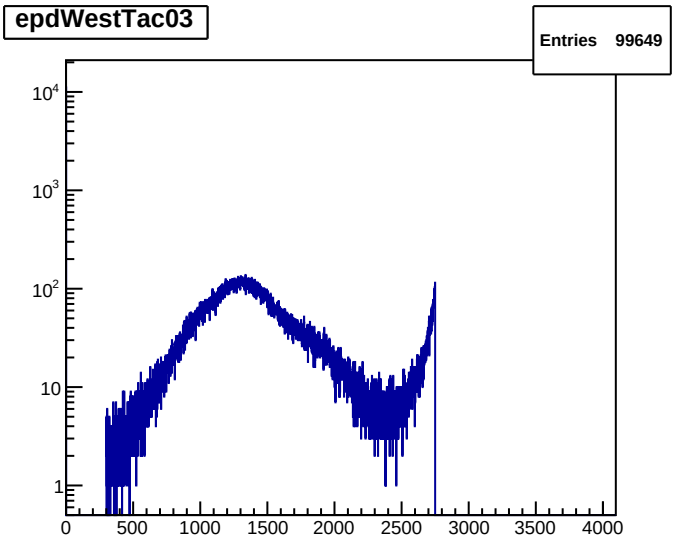

epdEastTac03VsSimu
Entries 0
Data
Simu

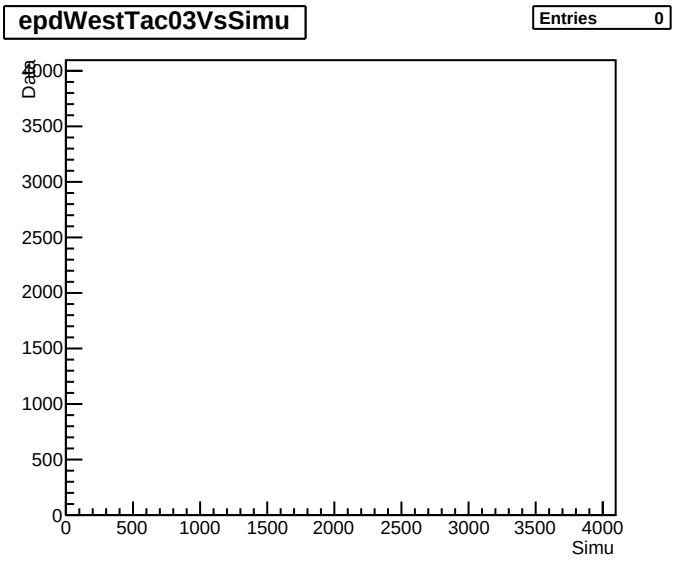

epdEastTac47
Entries 99649

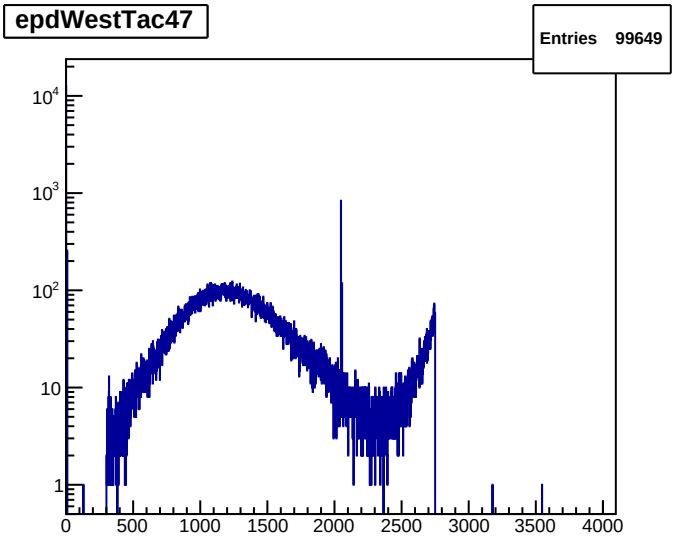

epdEastTac47VsSimu
Entries 0
Data
Simu

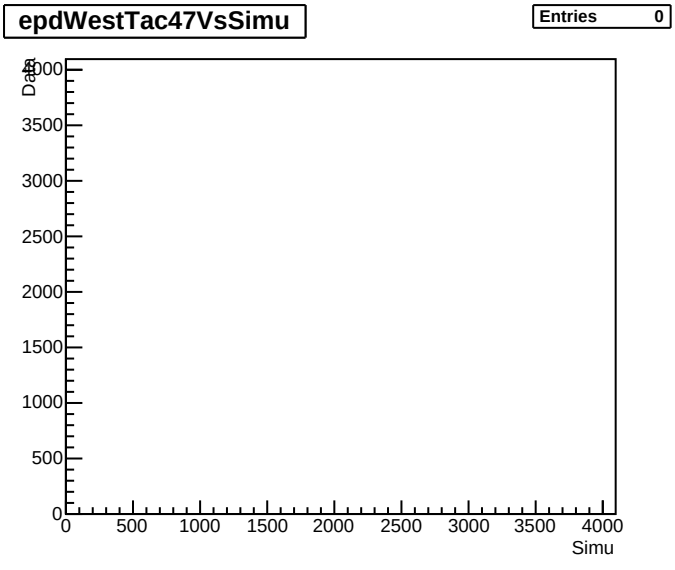

epdEastNHits
Entries 99649

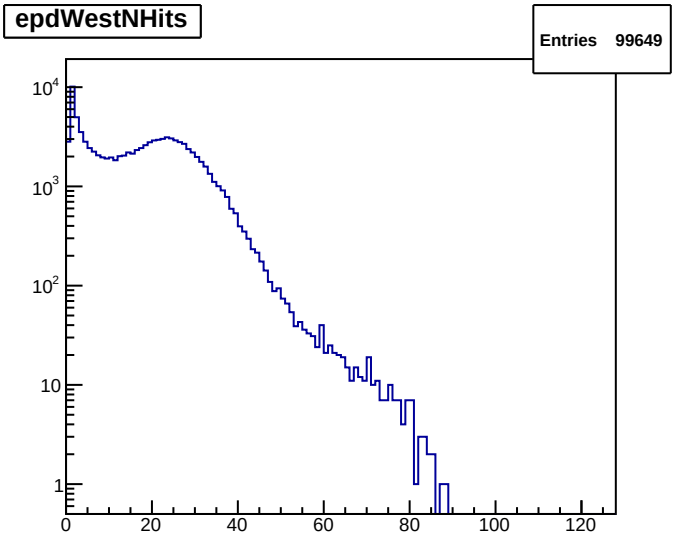

epdEastNHitsVsSimu
Entries 0
Data
Simu

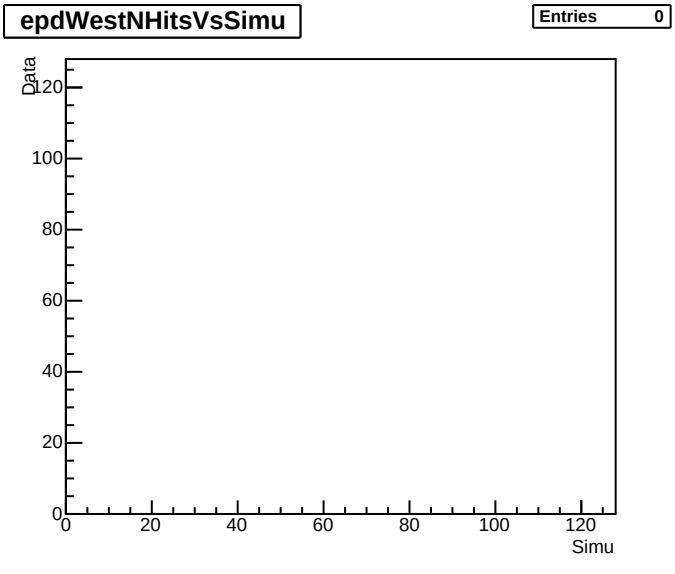

epdWestTac03
Entries 99649

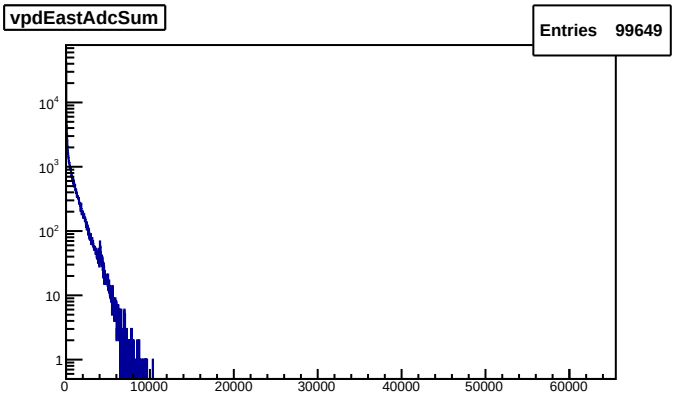

epdWestTac03VsSimu
Entries 0
Data
Simu

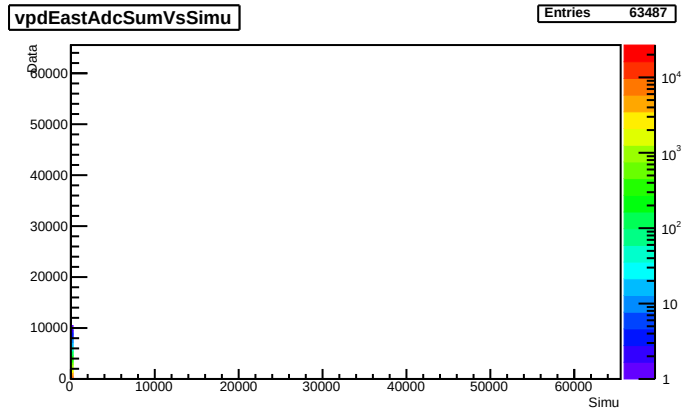

epdWestTac47
Entries 99649

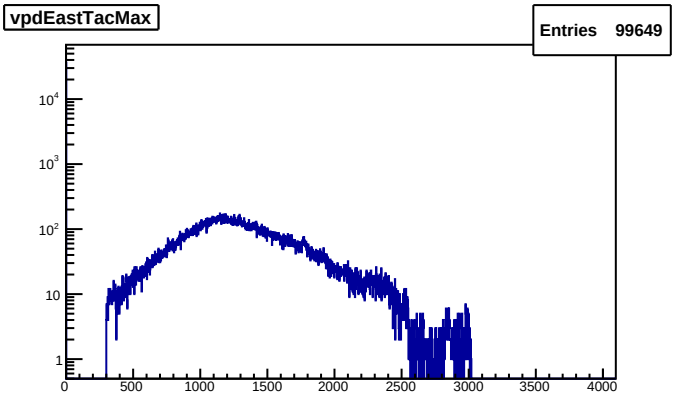

epdWestTac47VsSimu
Entries 0
Data
Simu

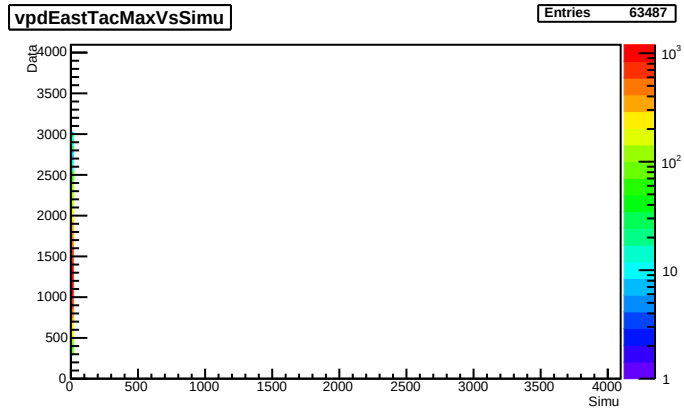

epdWestNHits
Entries 99649

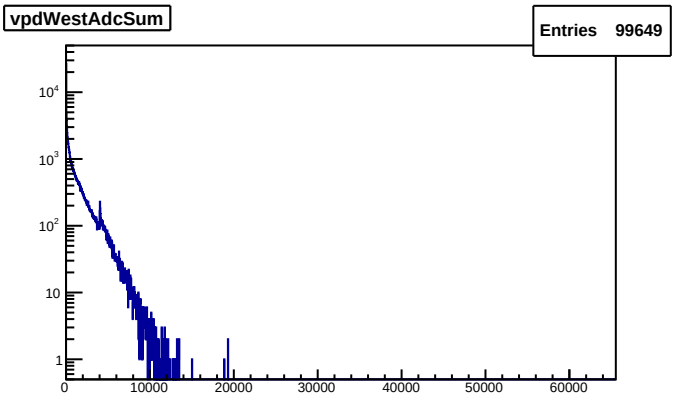

epdWestNHitsVsSimu
Entries 0
Data
Simu

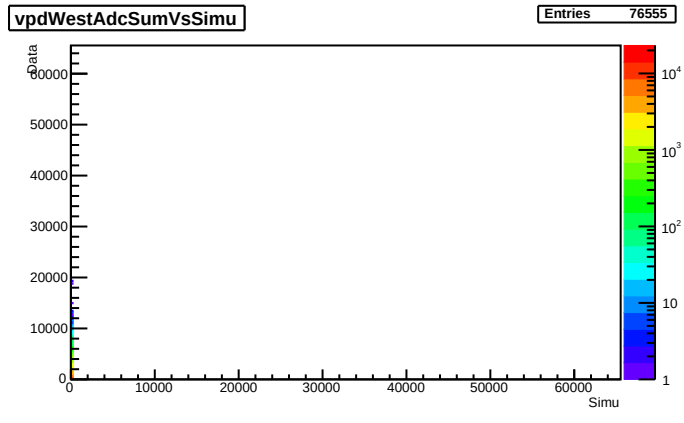

vpdEastAdcSum
Entries 99649

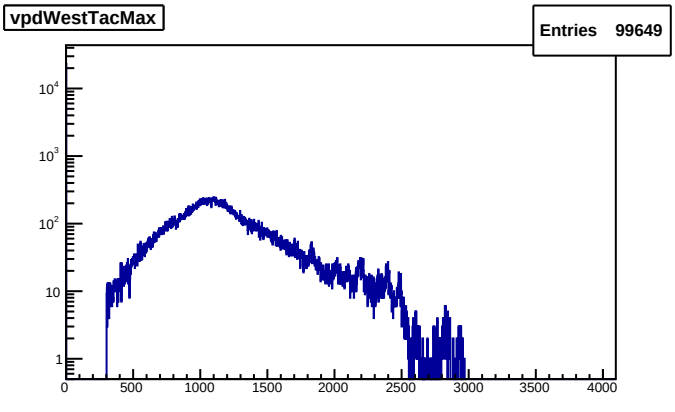

vpdEastAdcSumVsSimu
Entries 63487
Data
Simu

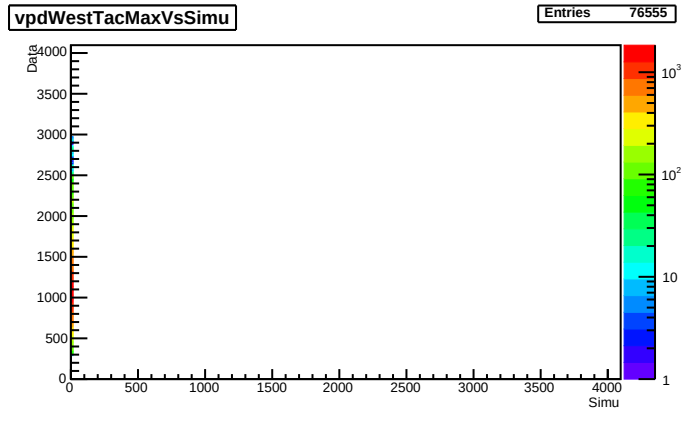

vpdEastTacMax
Entries 99649

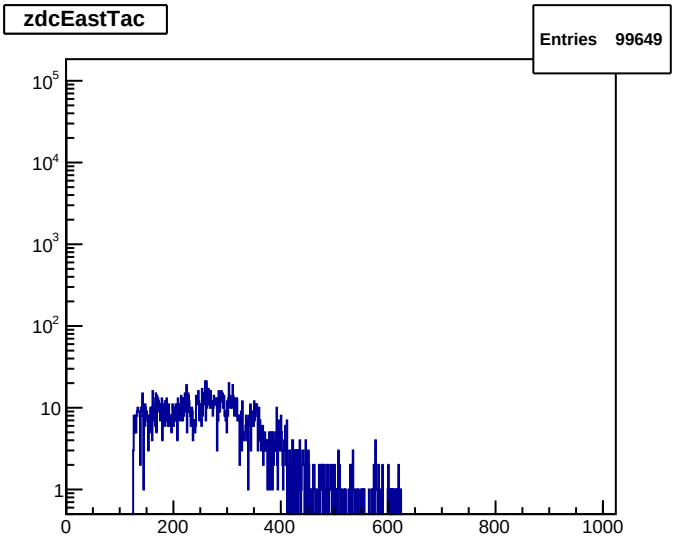

vpdEastTacMaxVsSimu
Entries 63487
Data
Simu

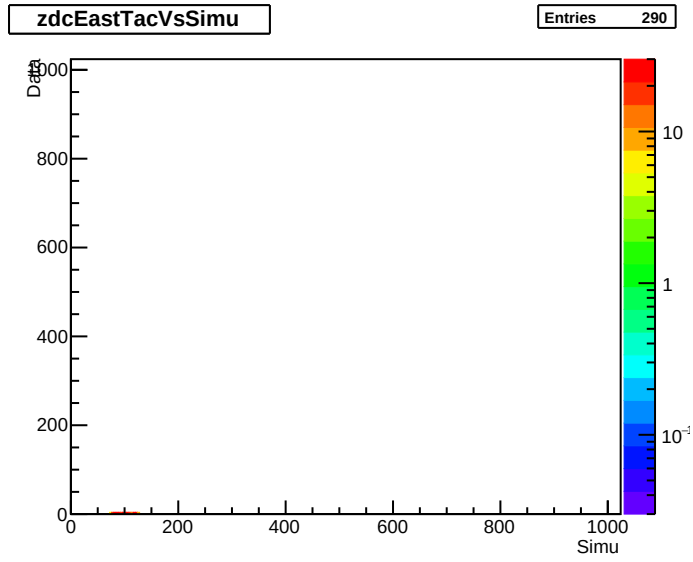

vpdWestAdcSum
Entries 99649

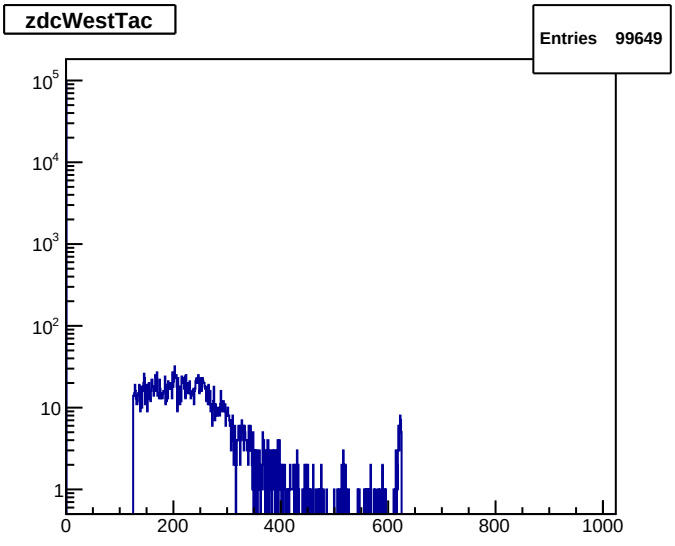

vpdWestAdcSumVsSimu
Entries 76555
Data
Simu

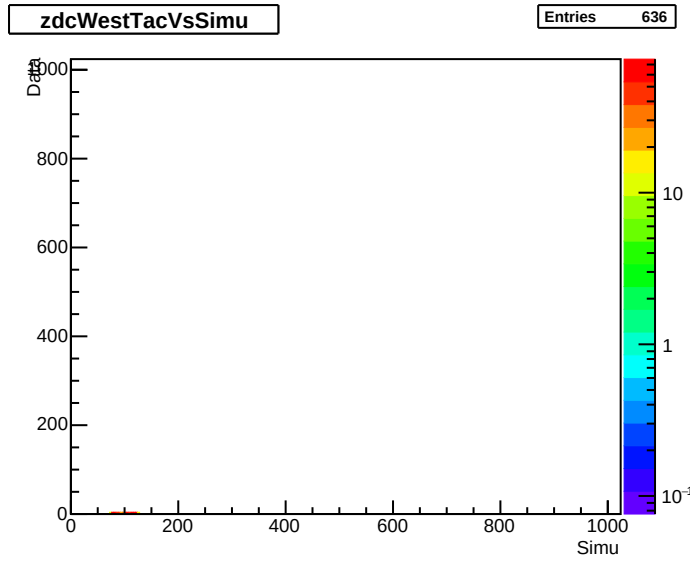

vpdWestTacMax
Entries 99649

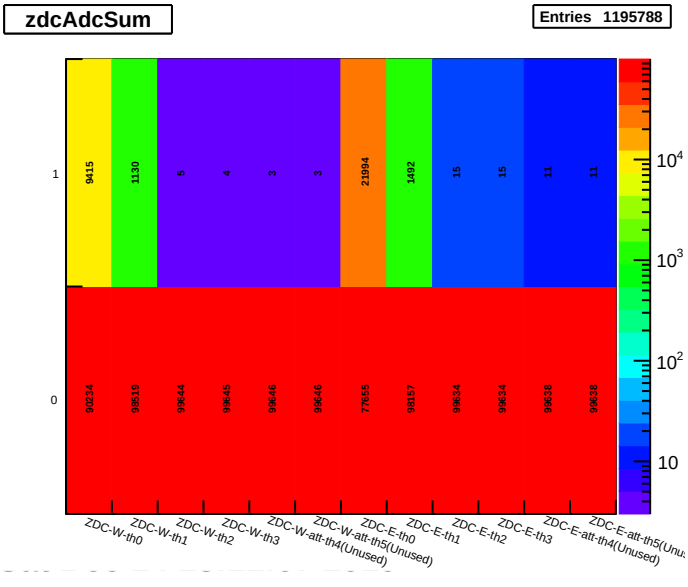

vpdWestTacMaxVsSimu
Entries 76555
Data
Simu

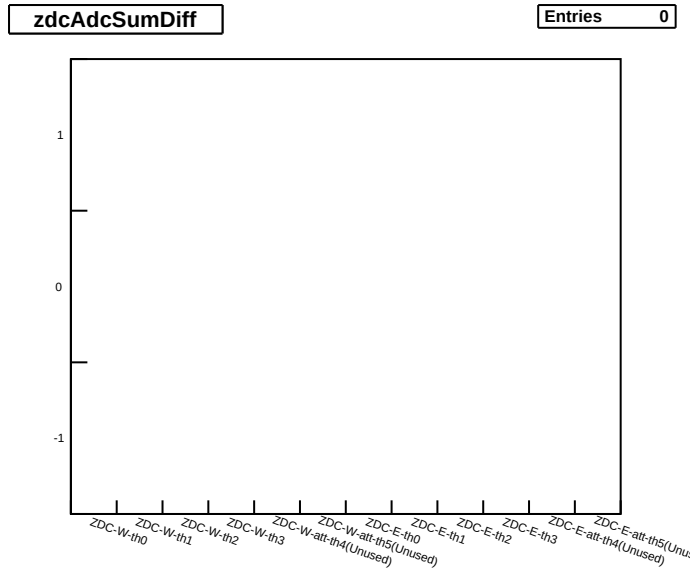

zdcEastTac
Entries 99649

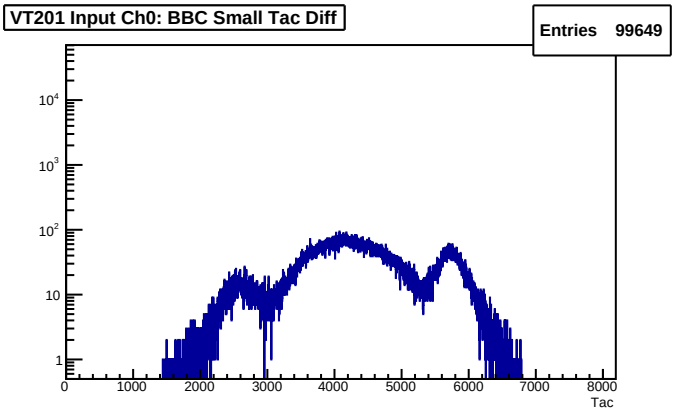

zdcEastTacVsSimu
Entries 290
Data
Simu

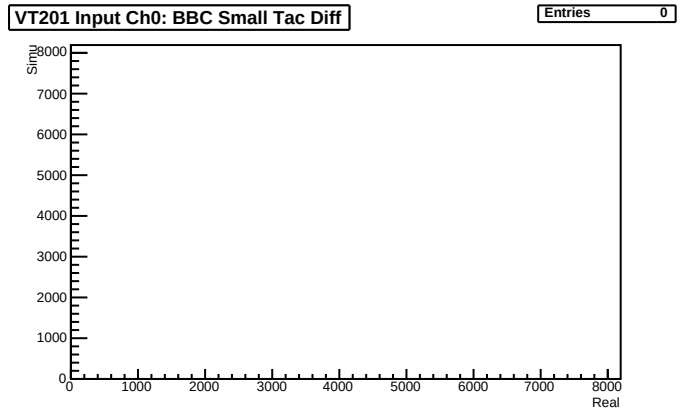

zdcWestTac
Entries 99649

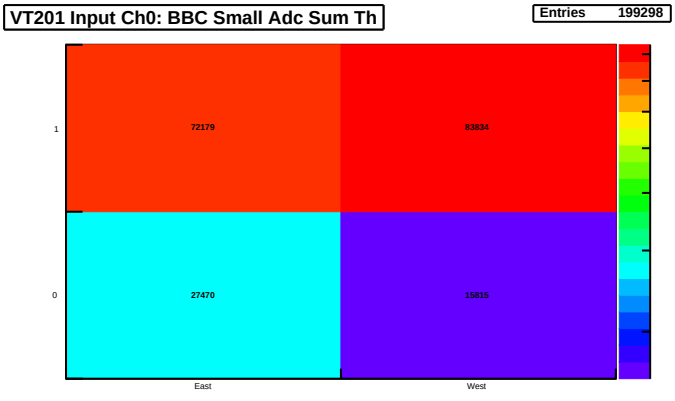

zdcWestTacVsSimu
Entries 636
Data
Simu

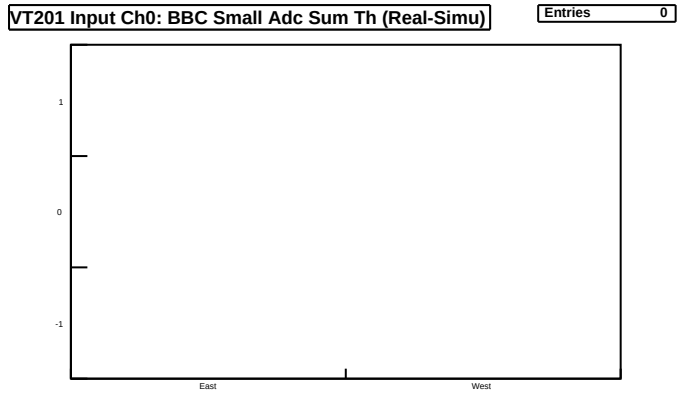

zdcAdcSum
Entries 1195788
9415
1130
5
4
3
3
21994
1492
15
15
11
11
90234
98519
99644
99645
99646
99646
77655
98157
99634
99634
99638
99638
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

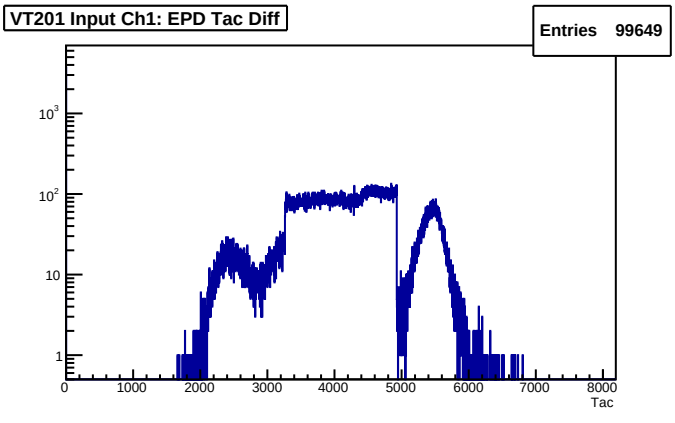

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

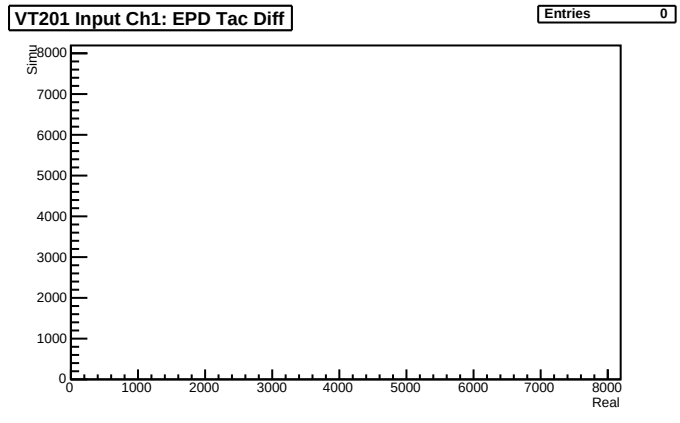

VT201 Input Ch0: BBC Small Tac Diff
Entries 99649
Tac

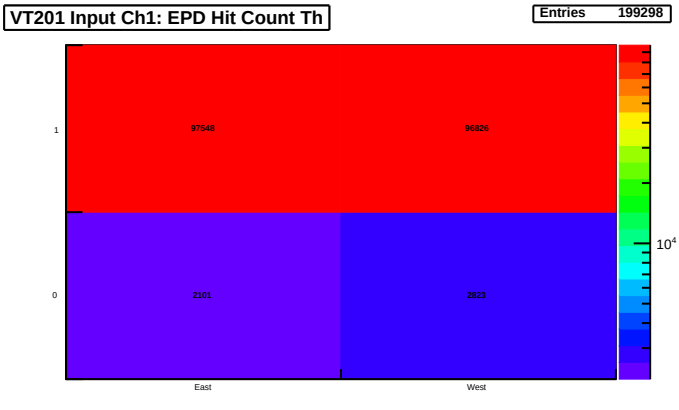

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

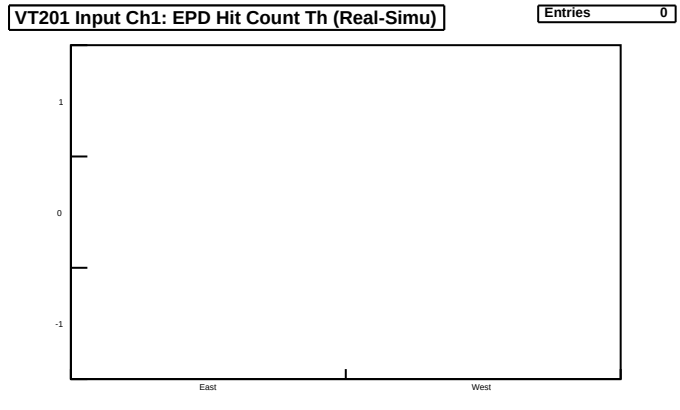

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 199298
72179
83834
27470
15815
East
West

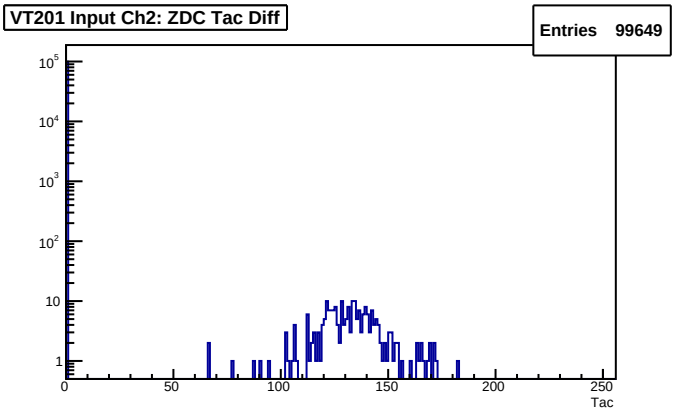

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

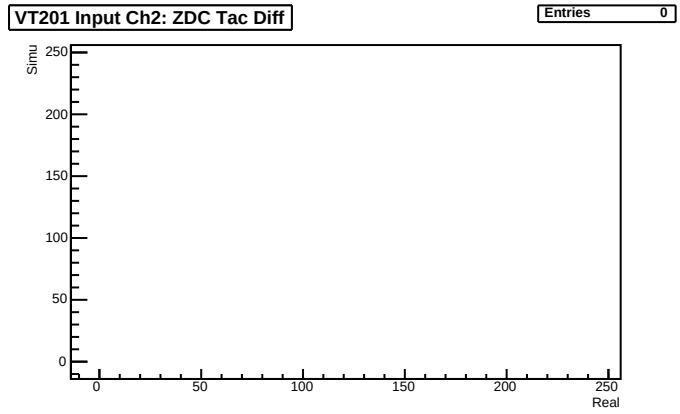

VT201 Input Ch1: EPD Tac Diff
Entries 99649
Tac

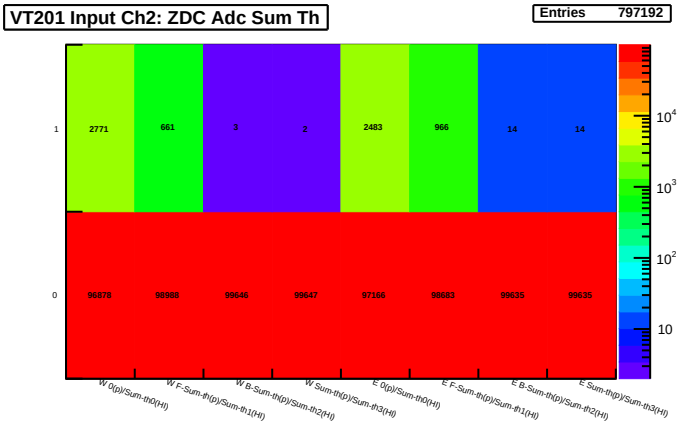

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

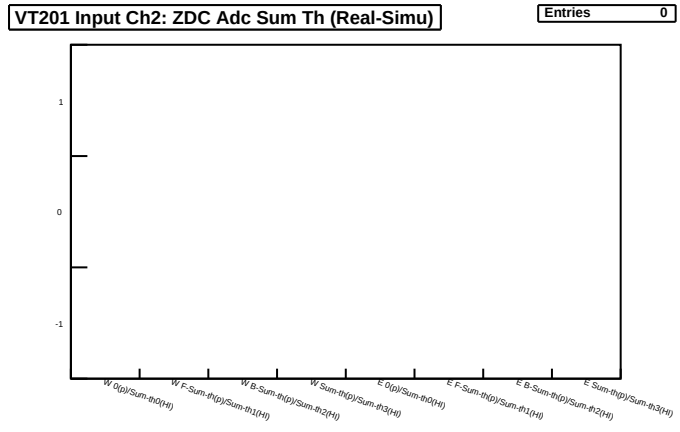

VT201 Input Ch1: EPD Hit Count Th
Entries 199298
97548
96826
2101
2823
East
West

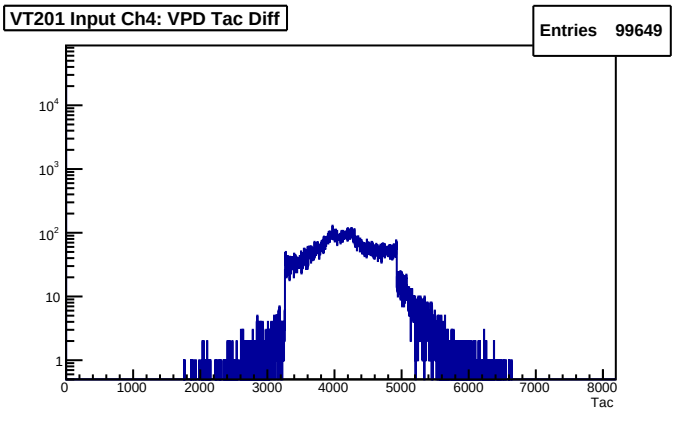

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

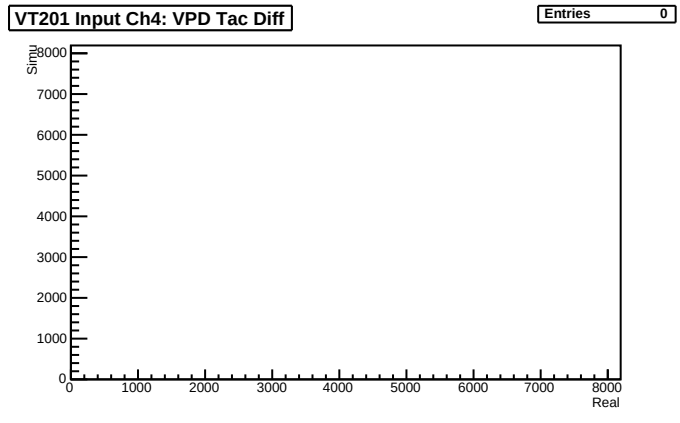

VT201 Input Ch2: ZDC Tac Diff
Entries 99649
Tac

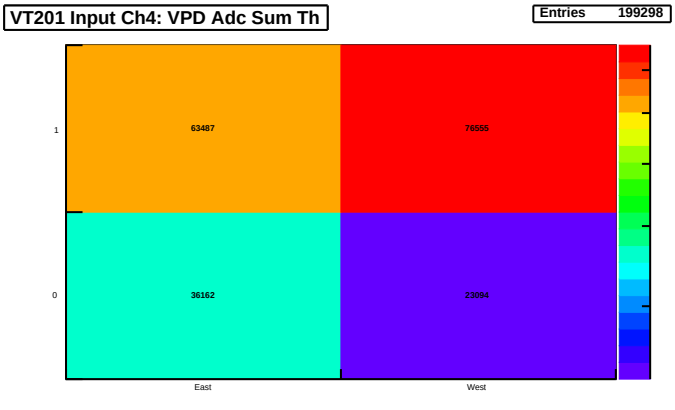

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

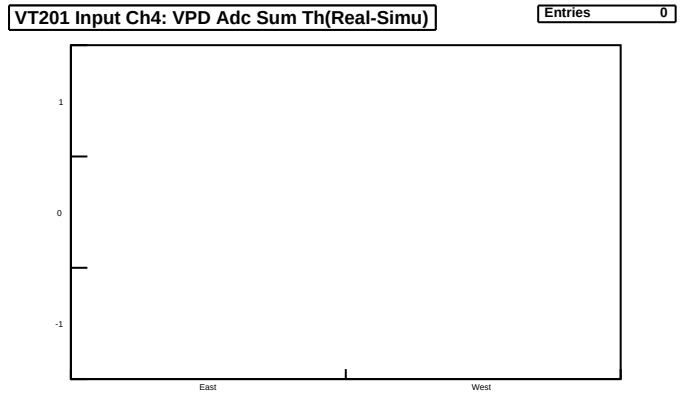

VT201 Input Ch2: ZDC Adc Sum Th
Entries 797192
2771
661
3
2
2483
966
14
14
96878
98988
99646
99647
97166
98683
99635
99635
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

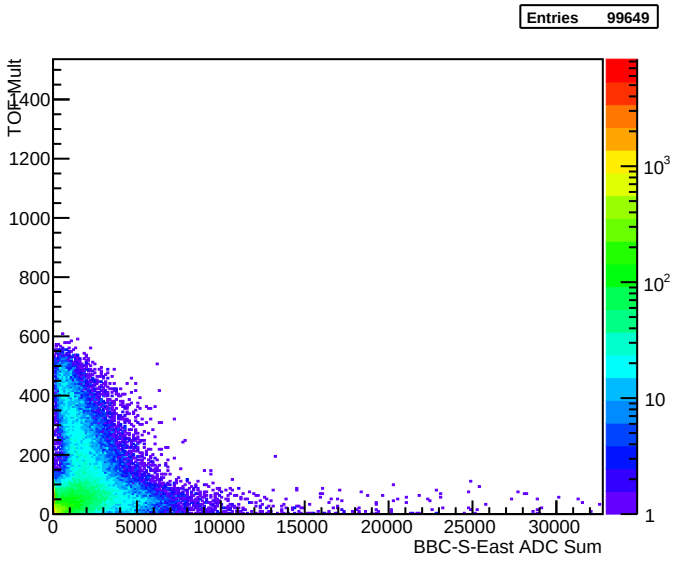

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

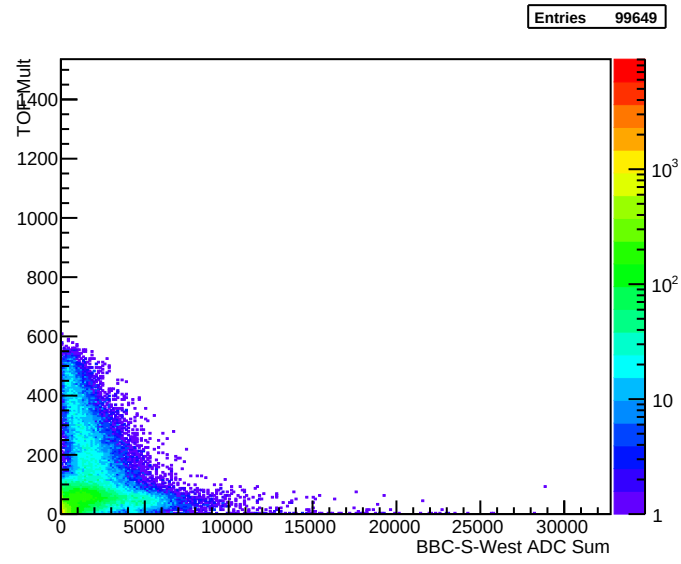

VT201 Input Ch4: VPD Tac Diff
Entries 99649
Tac

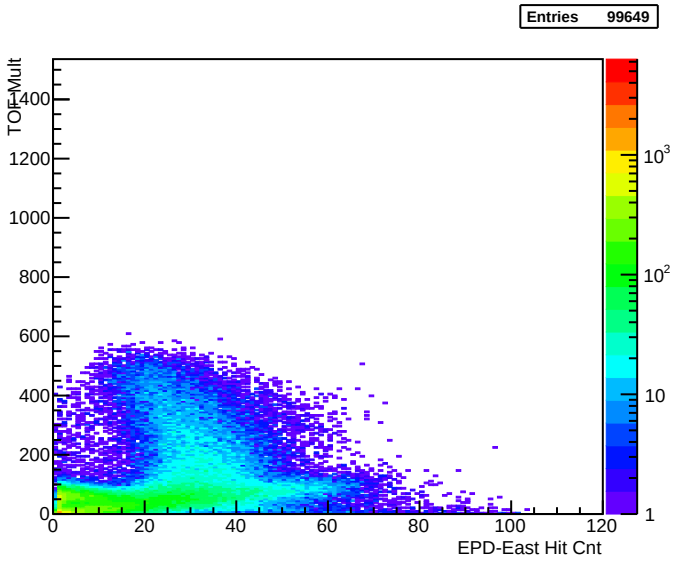

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

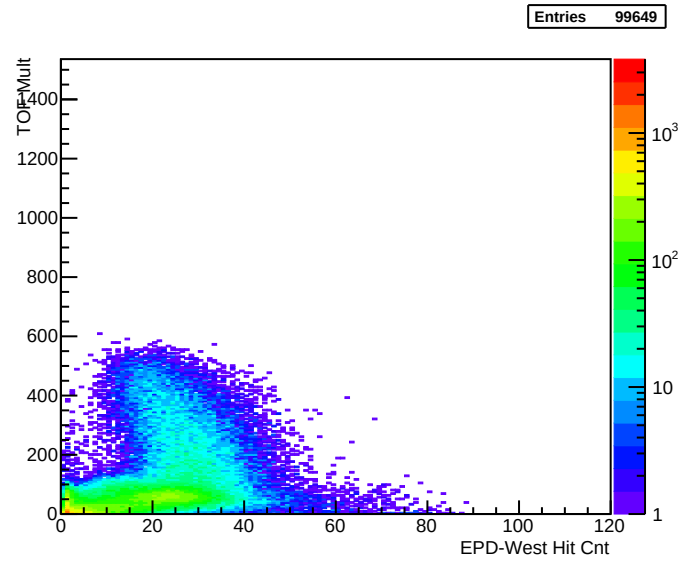

VT201 Input Ch4: VPD Adc Sum Th
Entries 199298
63487
76555
36162
23094
East
West

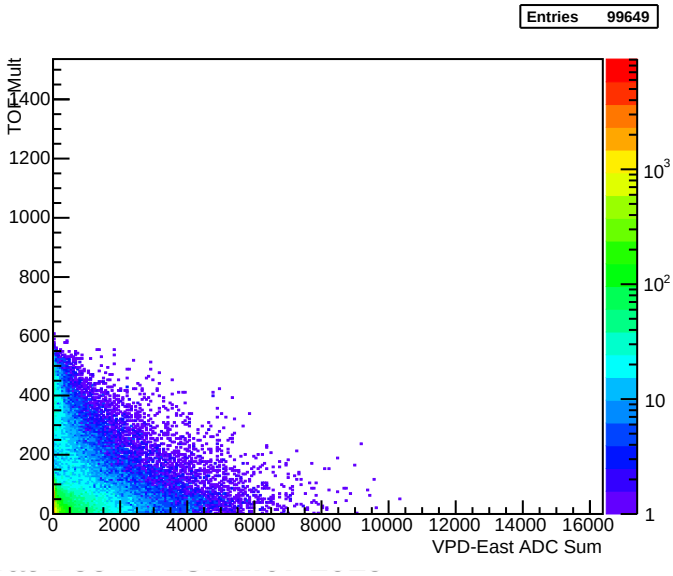

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

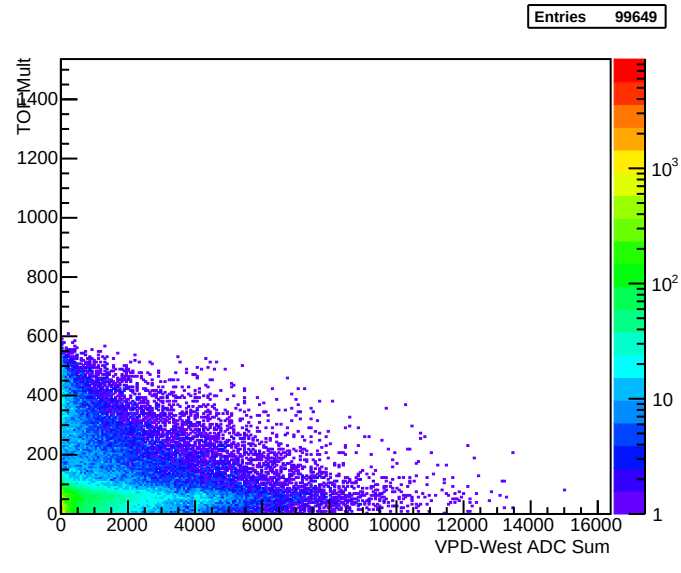

Entries 99649
TOF-Mult
BBC-S-East ADC Sum

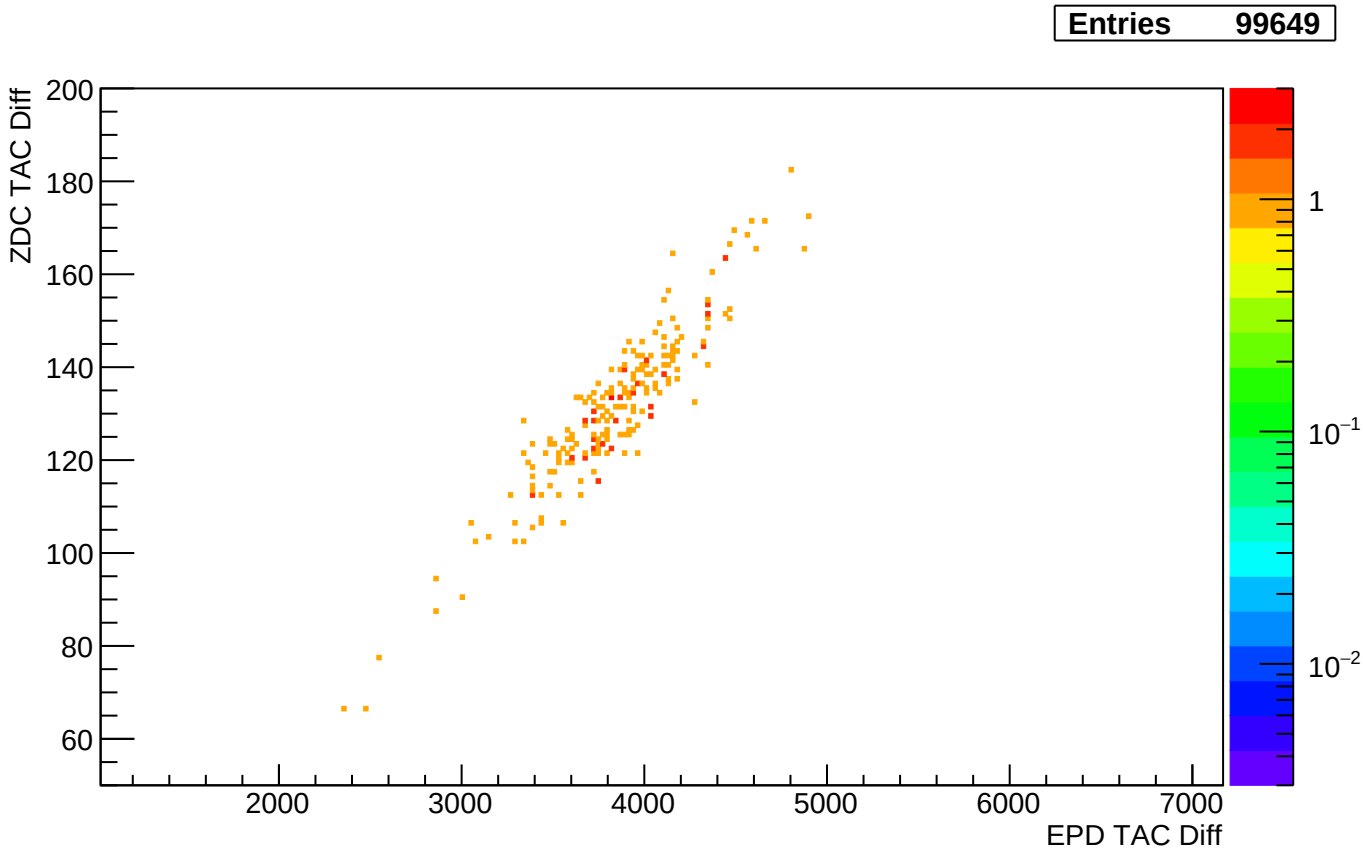

Entries 99649
TOF-Mult
BBC-S-West ADC Sum

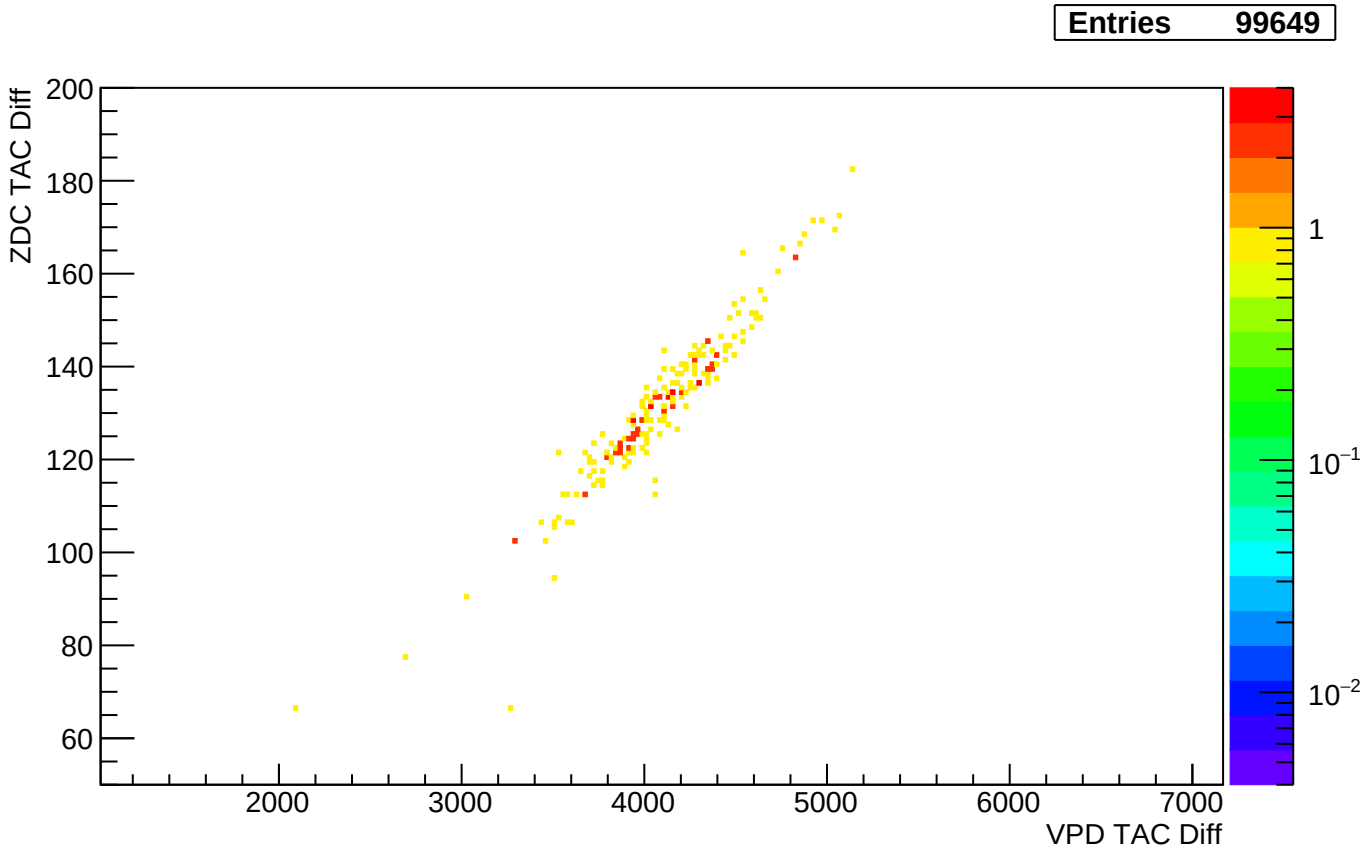

Entries 99649
TOF-Mult
EPD-East Hit Cnt

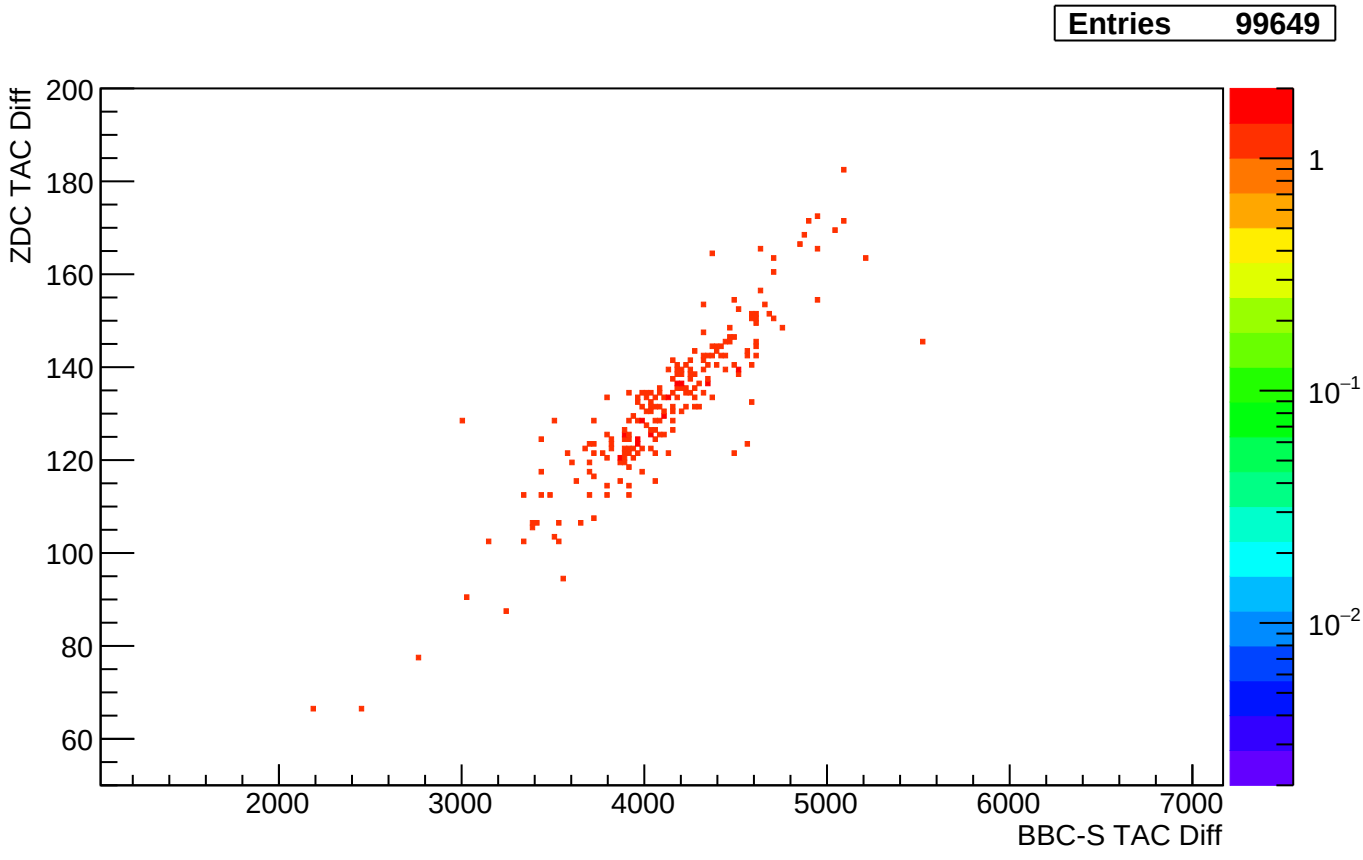

Entries 99649
TOF-Mult
EPD-West Hit Cnt

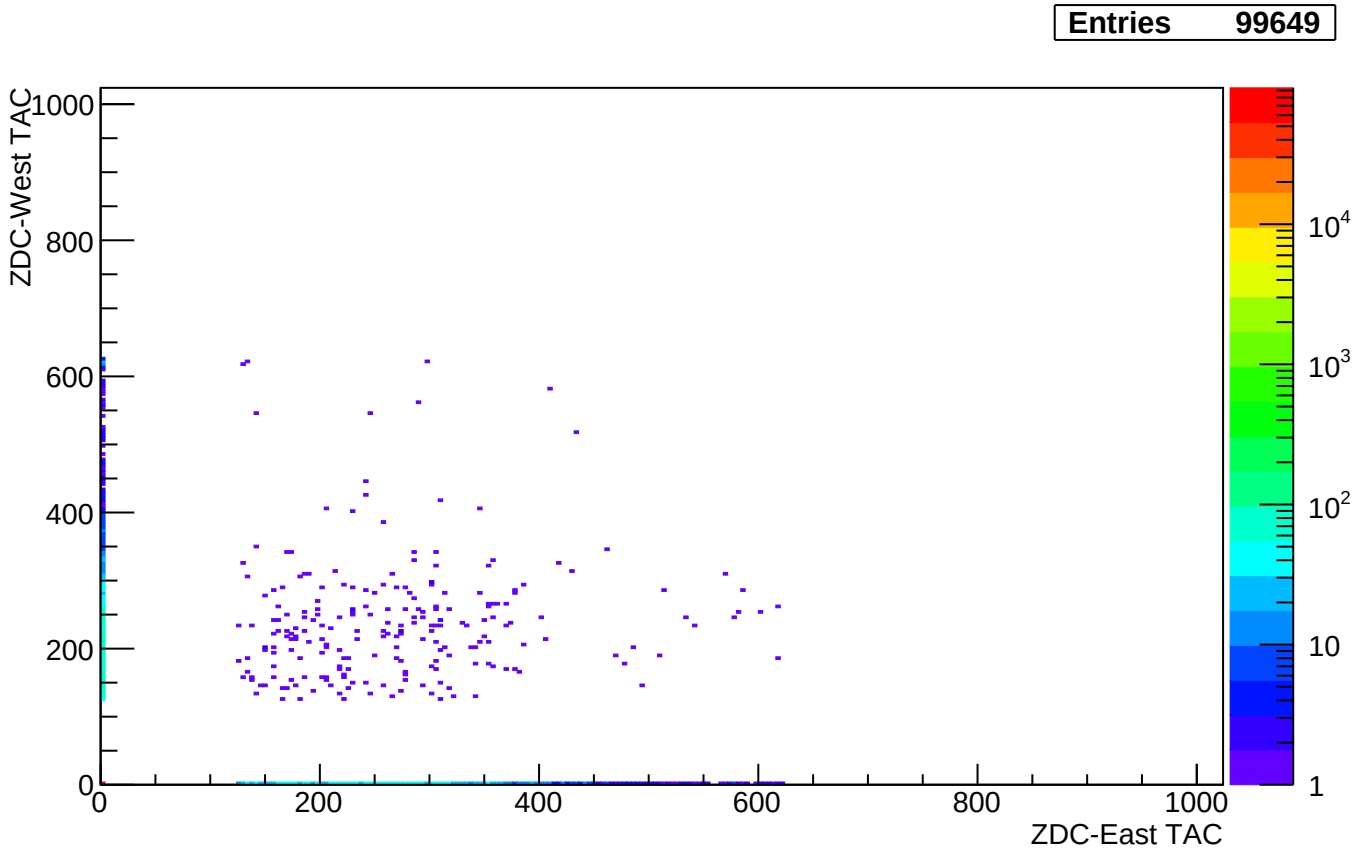

Entries 99649
TOF-Mult
VPD-East ADC Sum

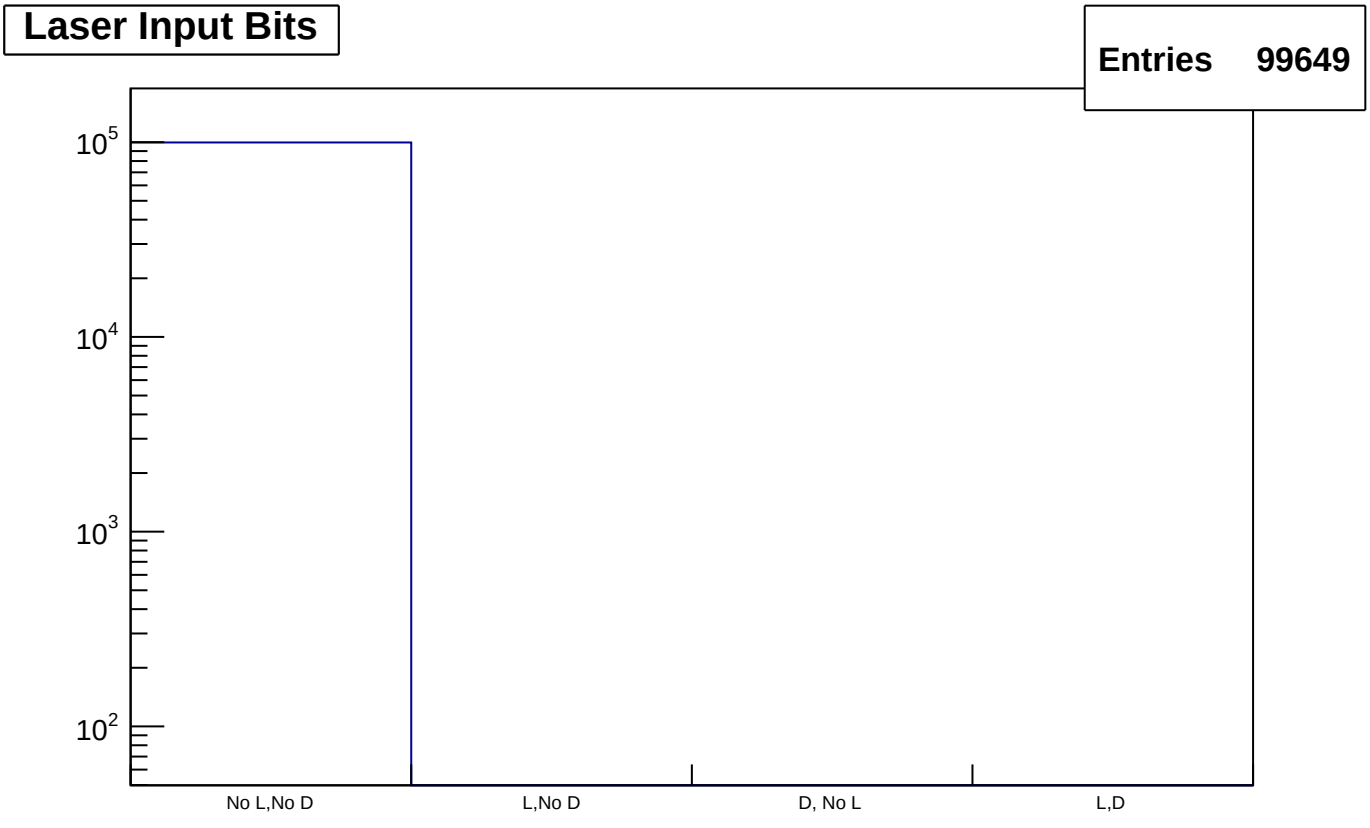

Entries 99649
TOF-Mult
VPD-West ADC Sum

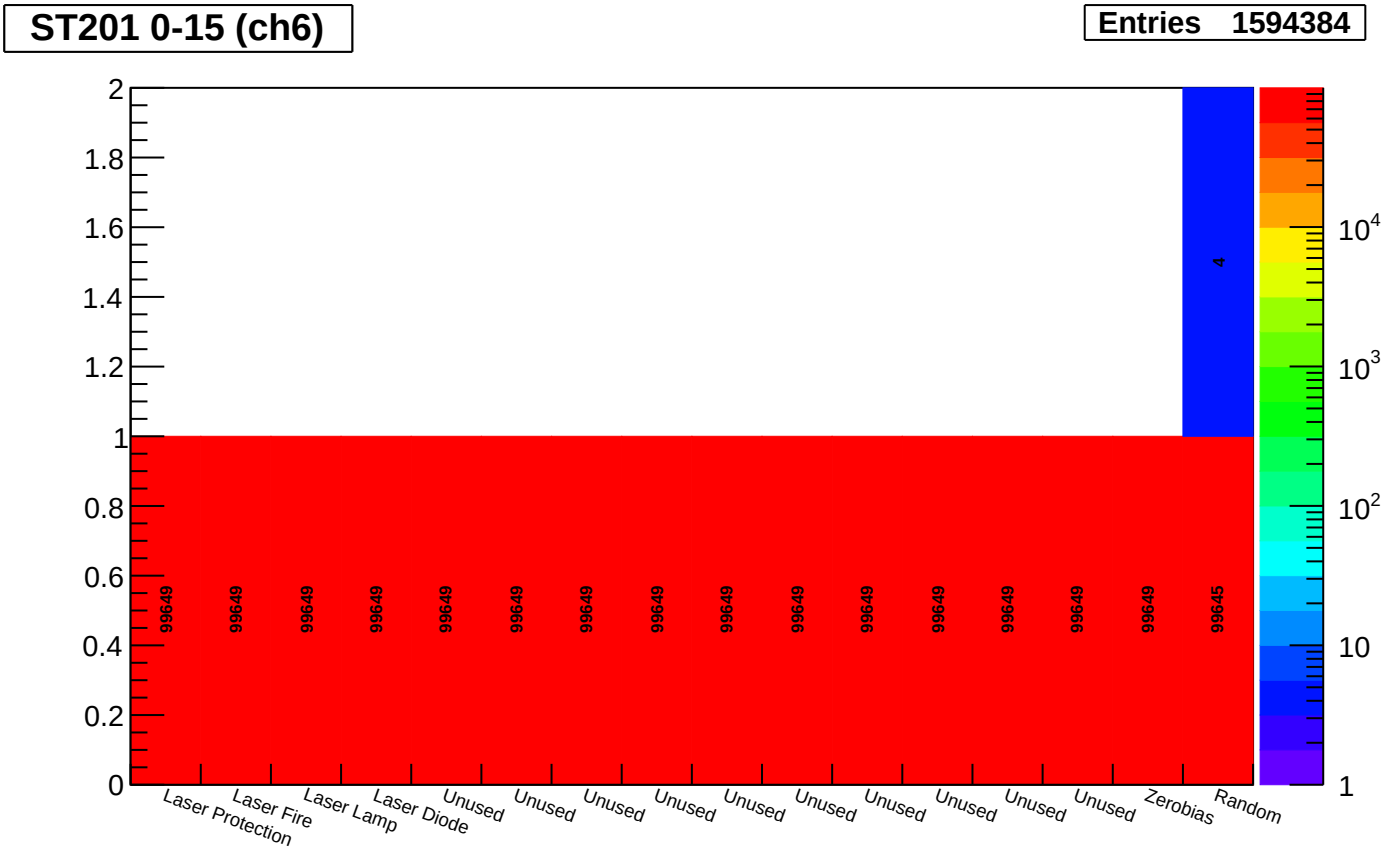

Entries 99649
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

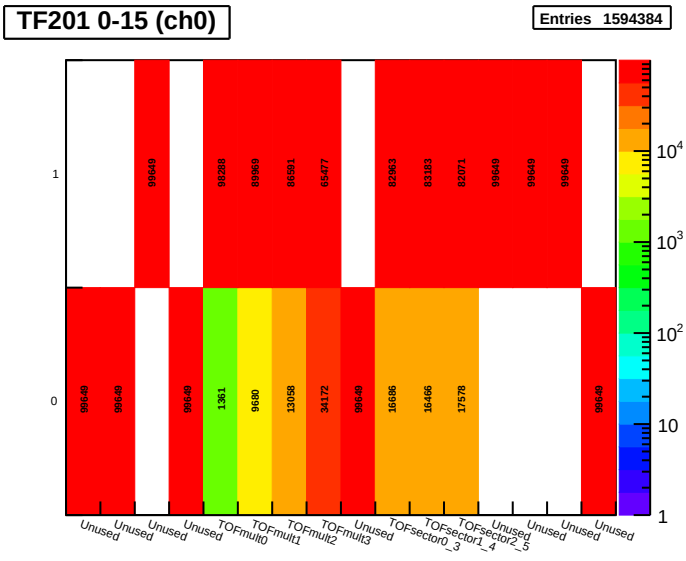

Entries 99649
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

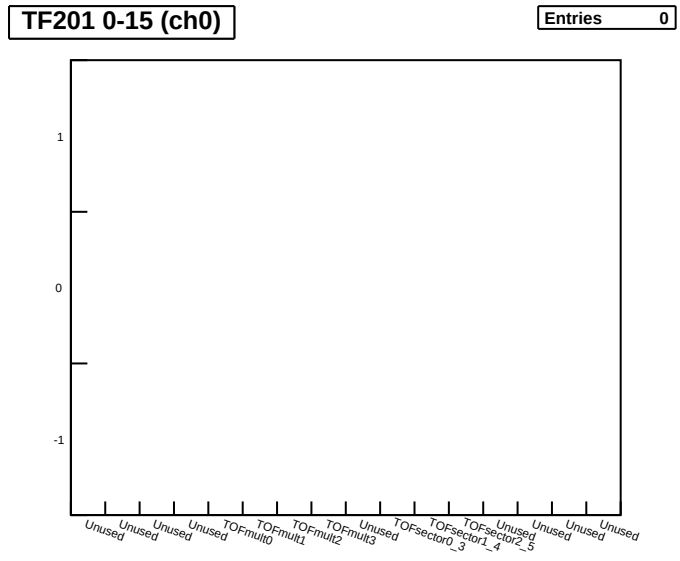

Entries 99649
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

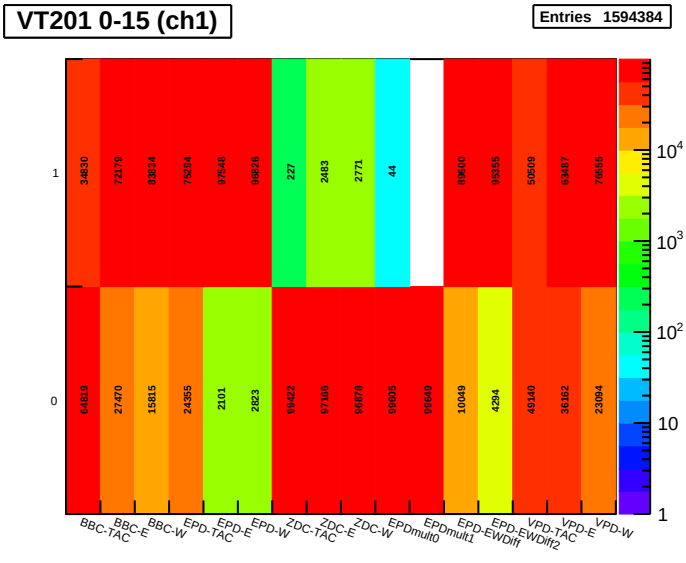

Entries 99649
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1

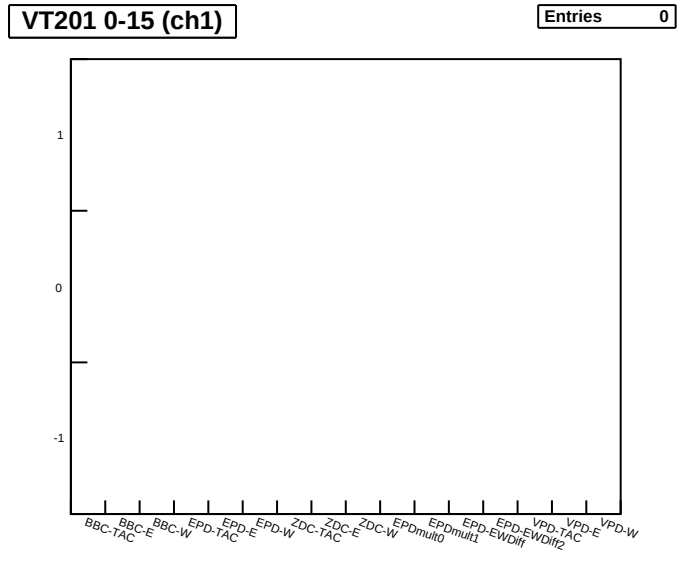

Laser Input Bits
Entries 99649
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

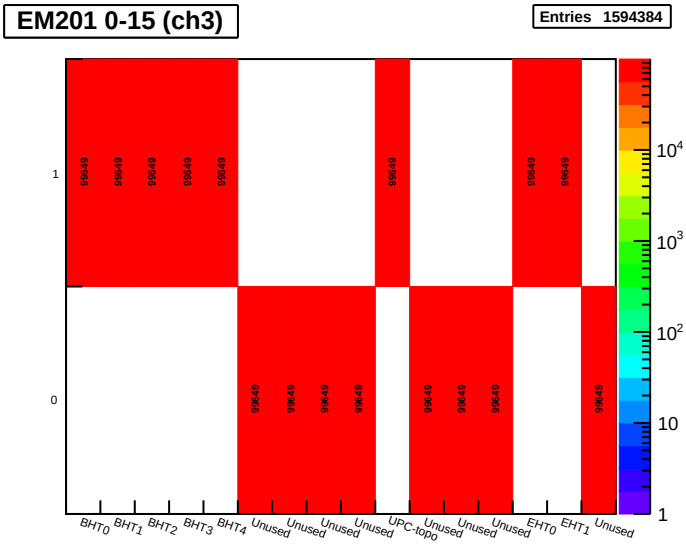

ST201 0-15 (ch6)
Entries 1594384
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10^4
10^3
10^2
10
1
4
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99645
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

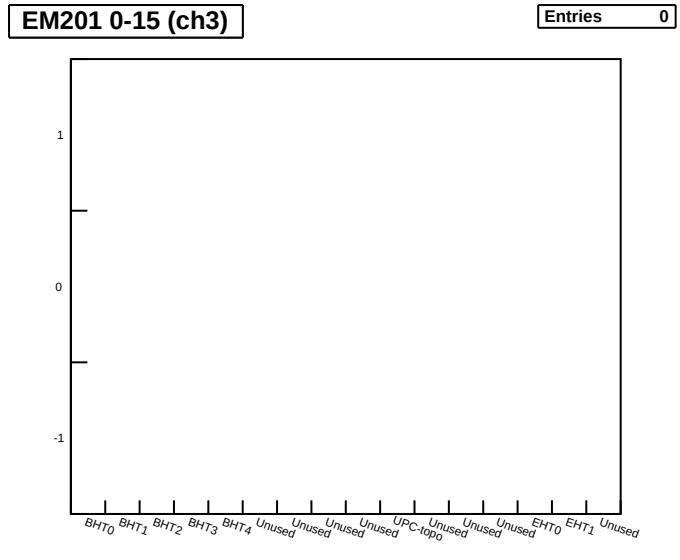

TF201 0-15 (ch0)
Entries 1594384
1
0
99649
99649
99649
99649
1361
9680
13058
34172
99649
16686
16466
17578
99649
99649
99649
99649
99649
99288
89969
86591
65477
82963
83183
82071
99649
99649
99649
Unused
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
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 1594384
1
0
34830
72179
83834
75294
97548
98826
227
2483
2771
44
89600
95355
50509
63487
76555
64819
27470
15815
24355
2101
2823
99422
97166
96878
99605
99649
10049
4294
49140
36162
23094
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 1594384
1
0
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
99649
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