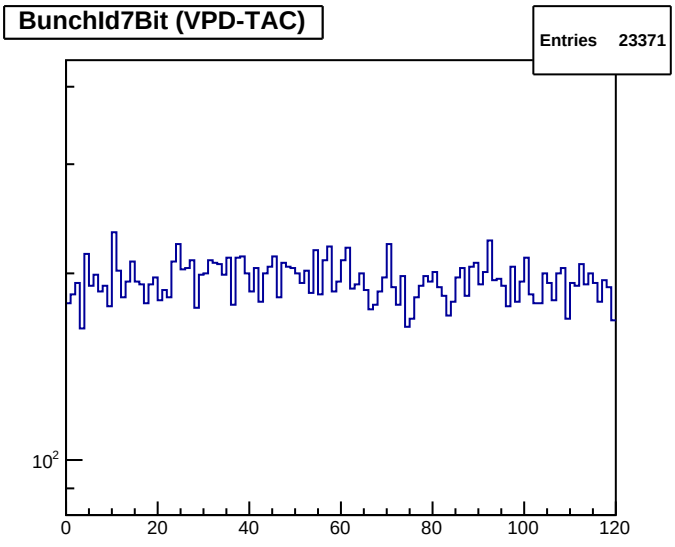
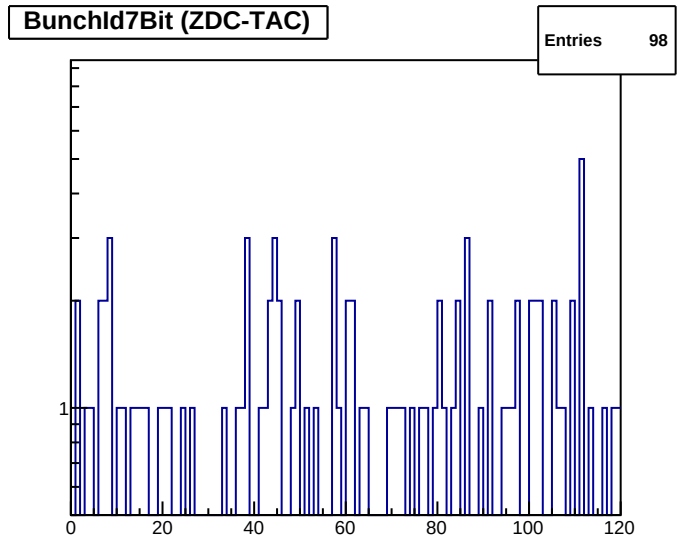
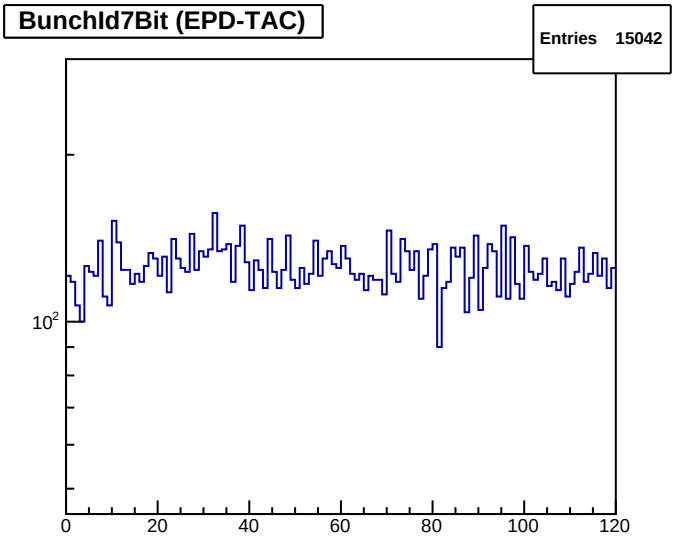
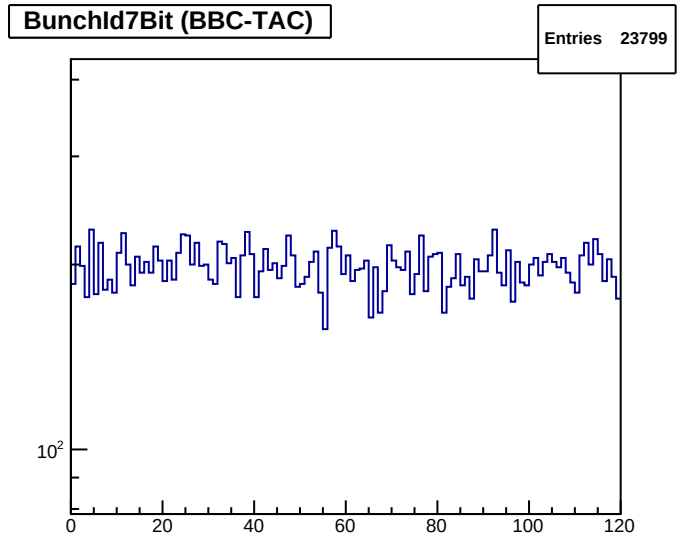
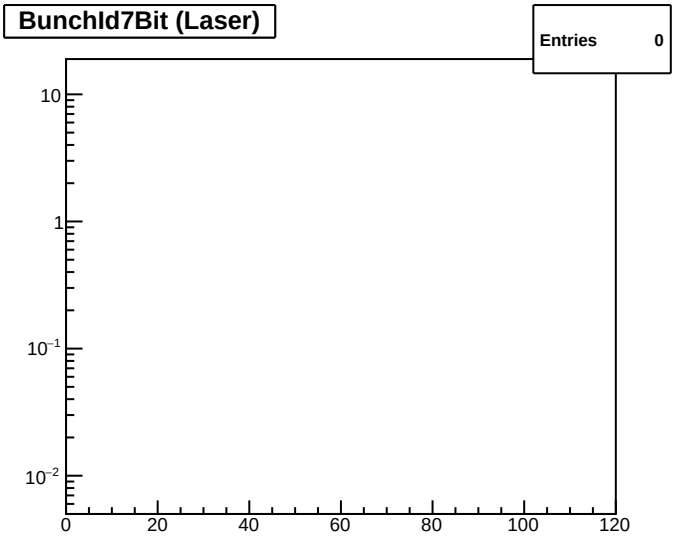
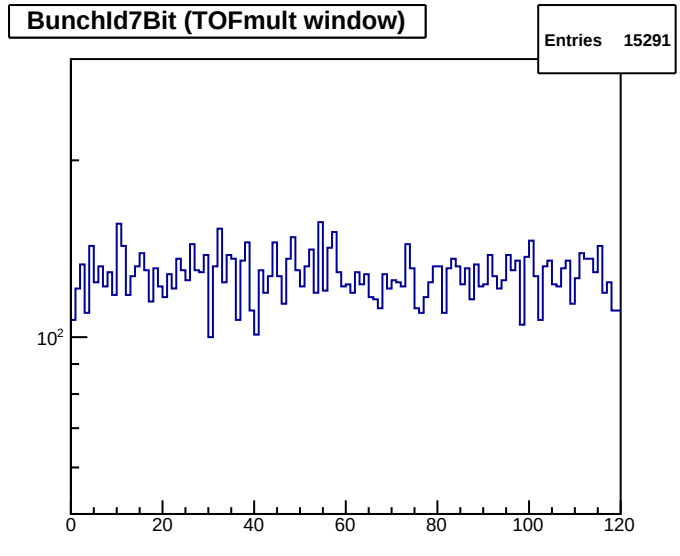

BunchId7Bit (VPD-TAC)
Entries 23371
10^2
0 20 40 60 80 100 120

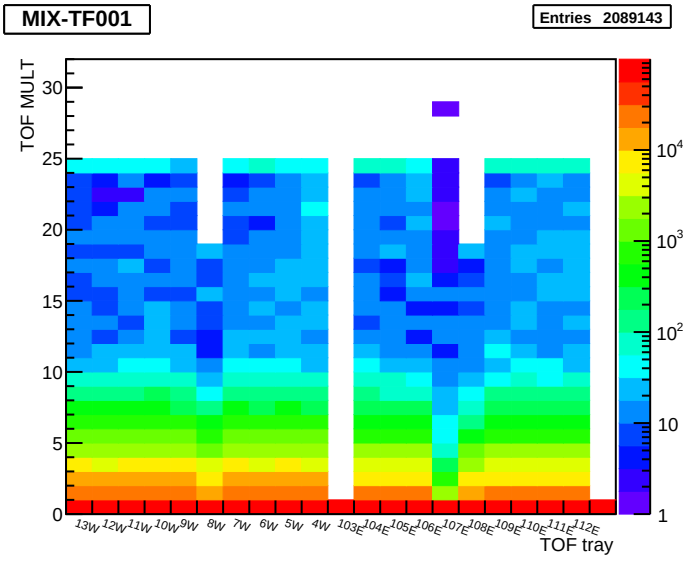

BunchId7Bit (ZDC-TAC)
Entries 98
1
0 20 40 60 80 100 120

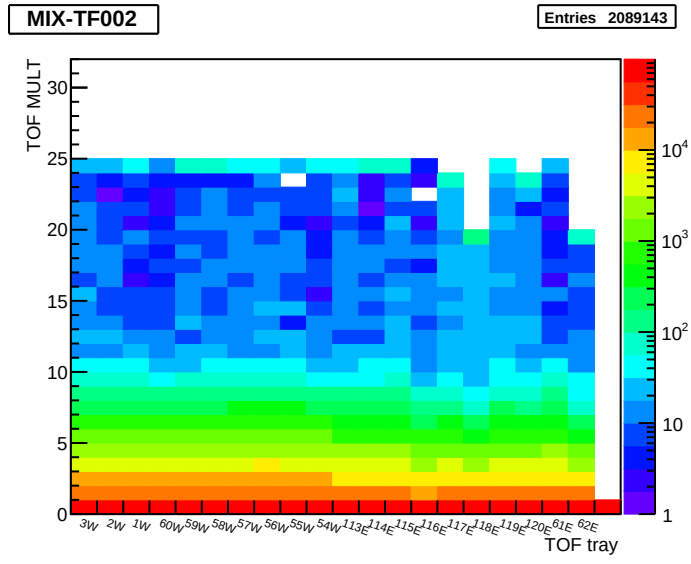

BunchId7Bit (EPD-TAC)
Entries 15042
10^2
0 20 40 60 80 100 120

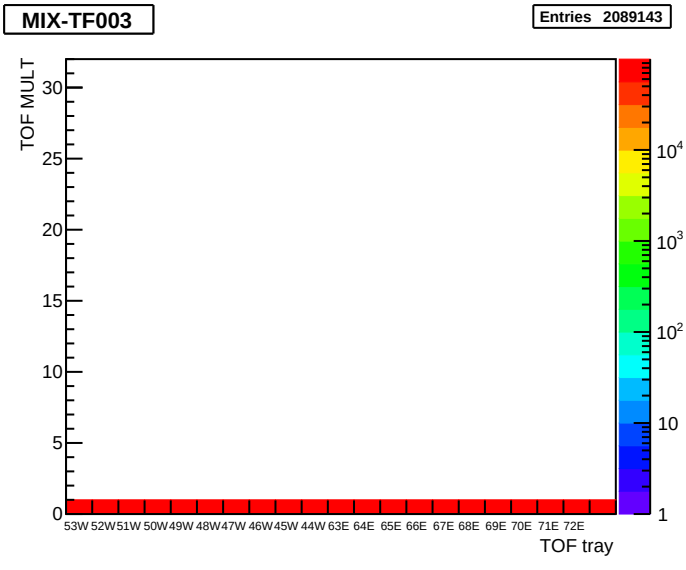

BunchId7Bit (BBC-TAC)
Entries 23799
10^2
0 20 40 60 80 100 120

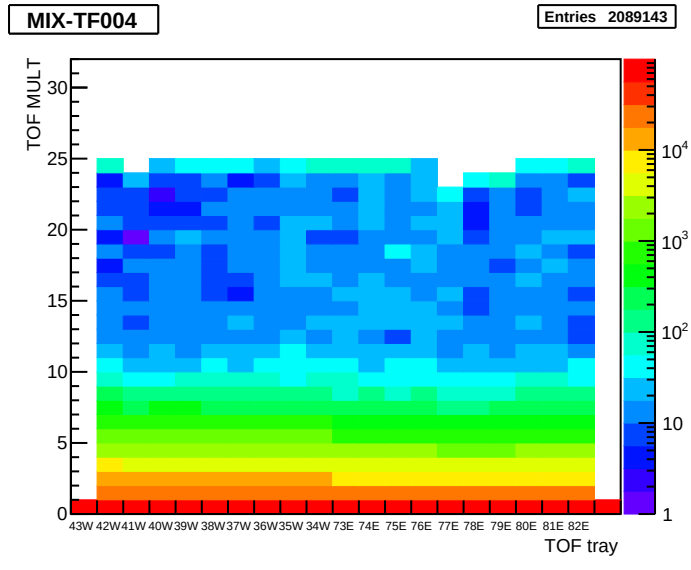

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

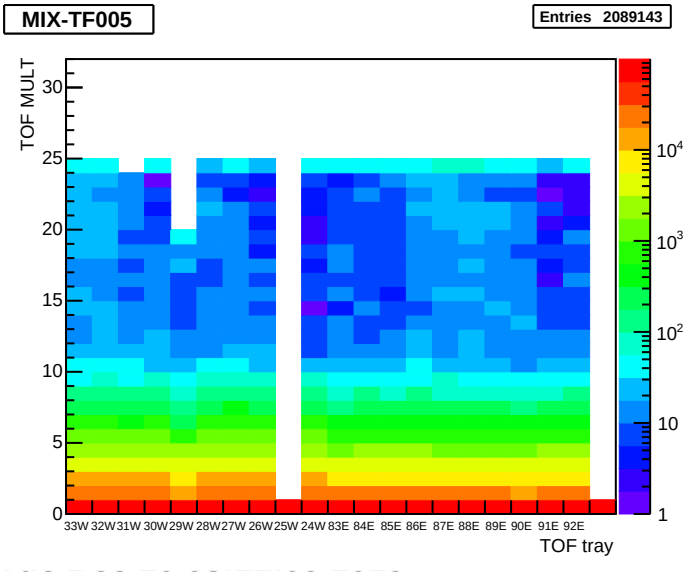

BunchId7Bit (TOFmult window)
Entries 15291
10^2
0 20 40 60 80 100 120

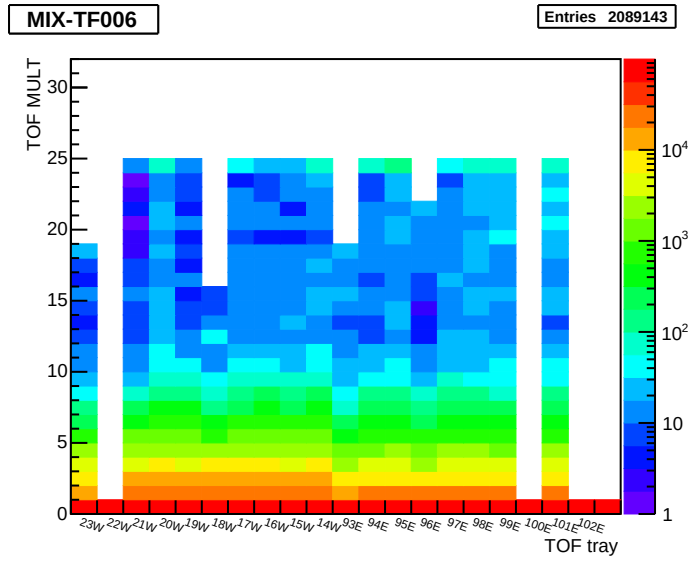

MIX-TF001
Entries 2089143
TOF MULT
TOF tray

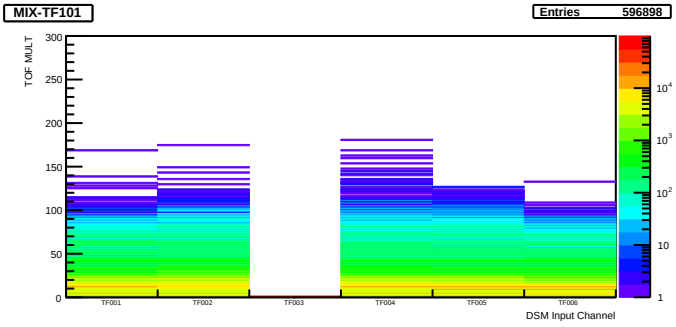

MIX-TF002
Entries 2089143
TOF MULT
TOF tray

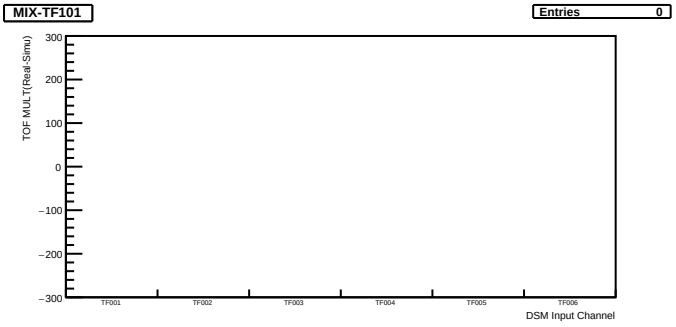

MIX-TF003
Entries 2089143
TOF MULT
TOF tray

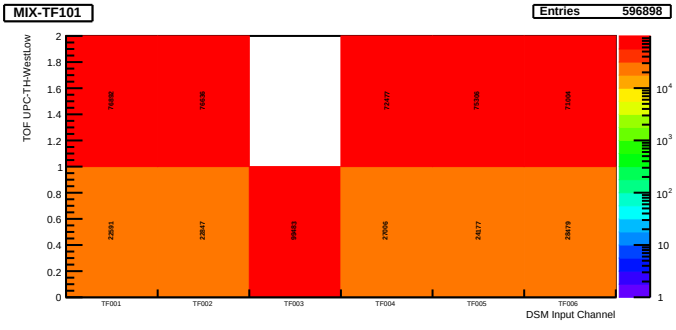

MIX-TF004
Entries 2089143
TOF MULT
TOF tray

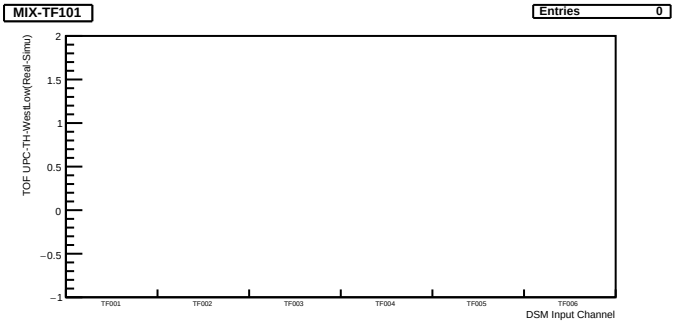

MIX-TF005
Entries 2089143
TOF MULT
TOF tray

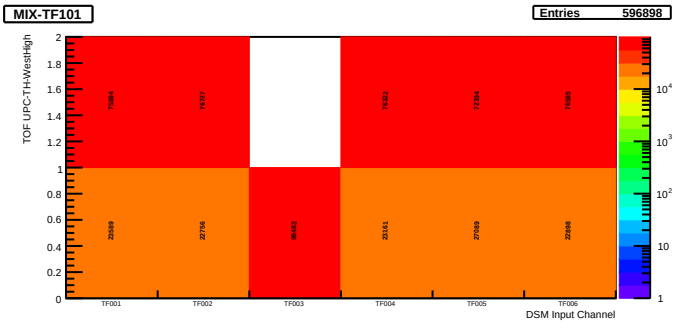

MIX-TF006
Entries 2089143
TOF MULT
TOF tray

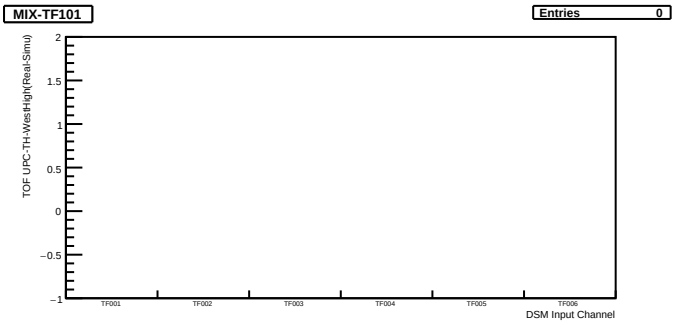

MIX-TF101
Entries 596898
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

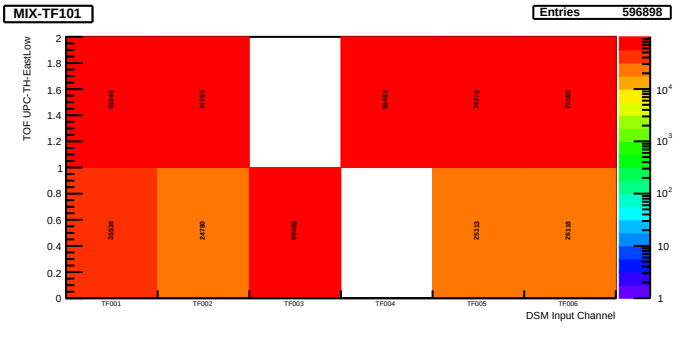

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

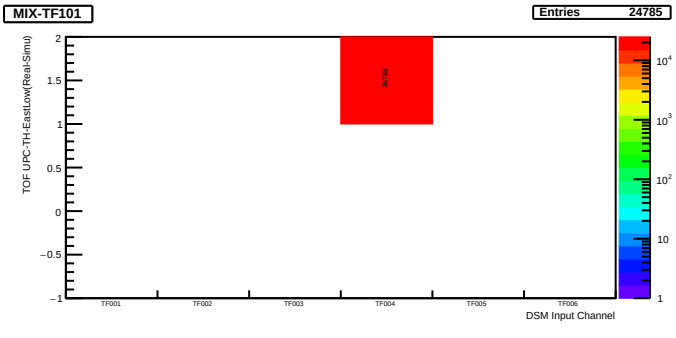

MIX-TF101
Entries 596898
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

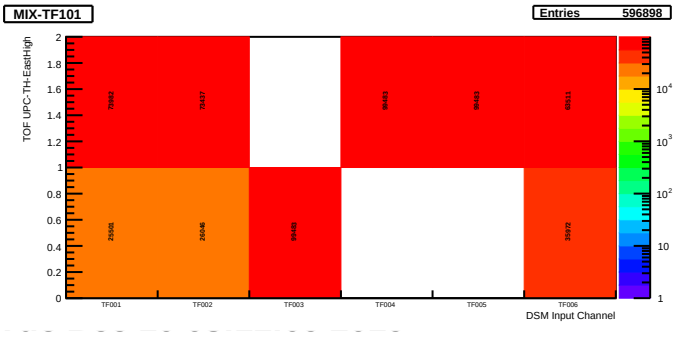

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

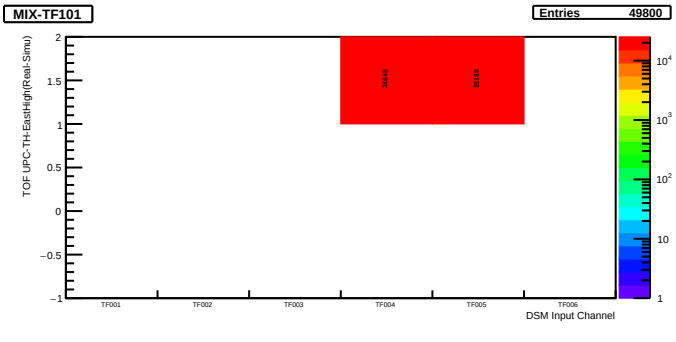

MIX-TF101
Entries 596898
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

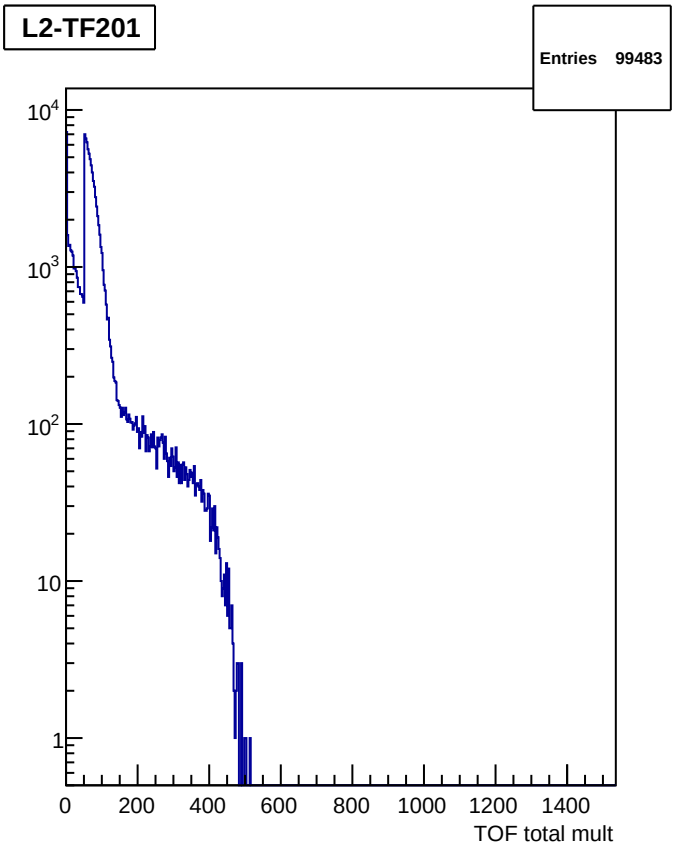

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

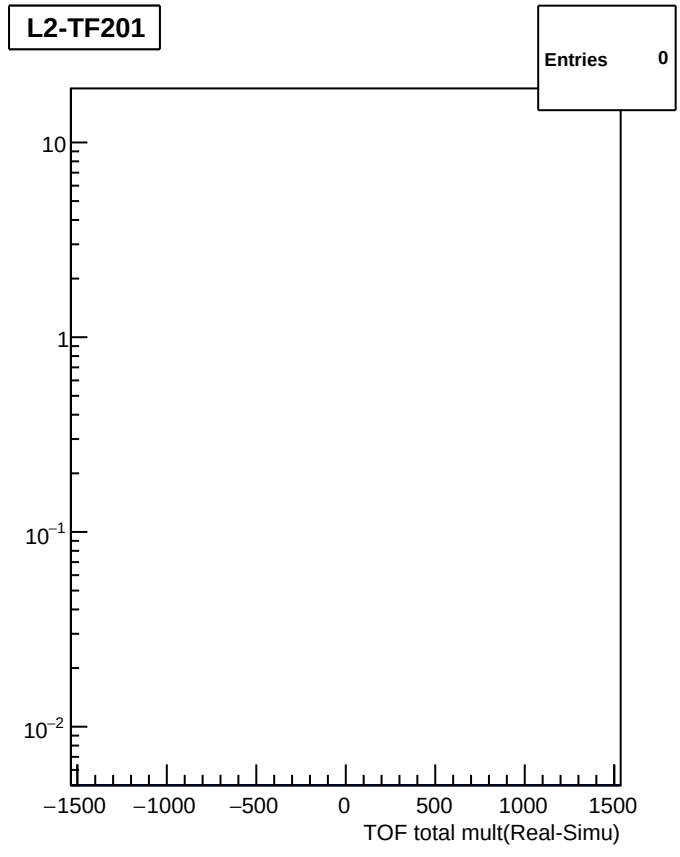

MIX-TF101
Entries 596898
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

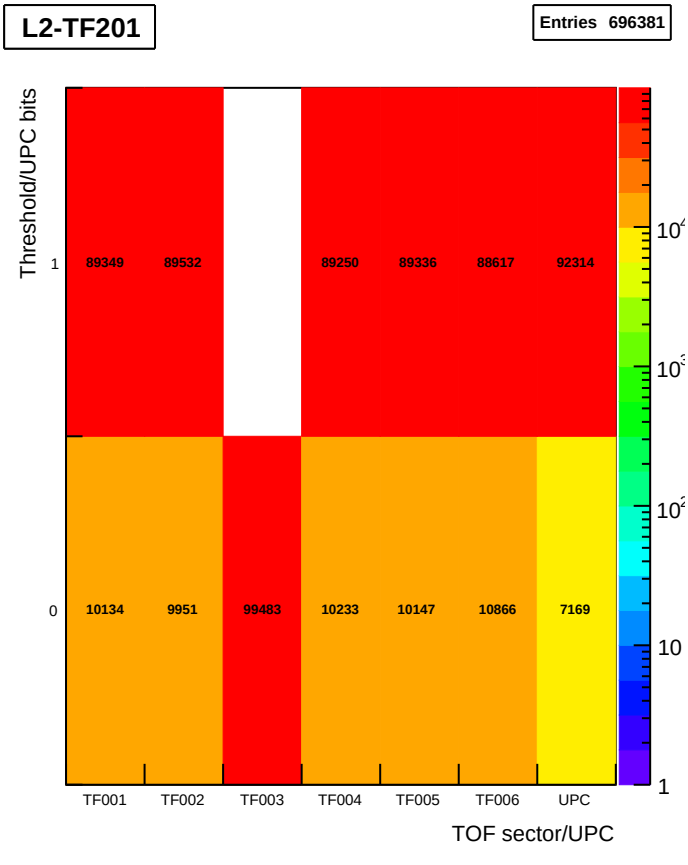

MIX-TF101
Entries 24785
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

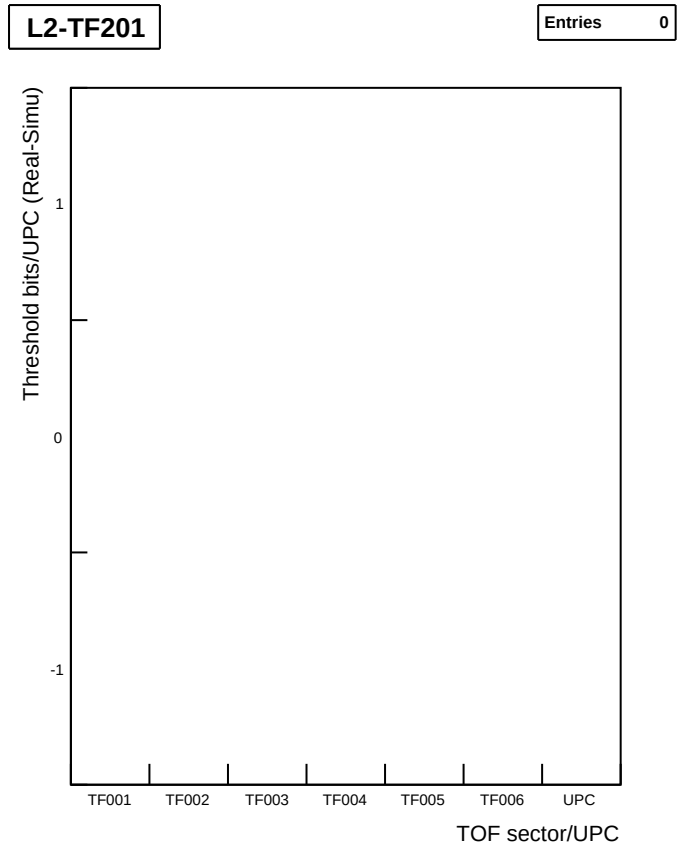

MIX-TF101
Entries 596898
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

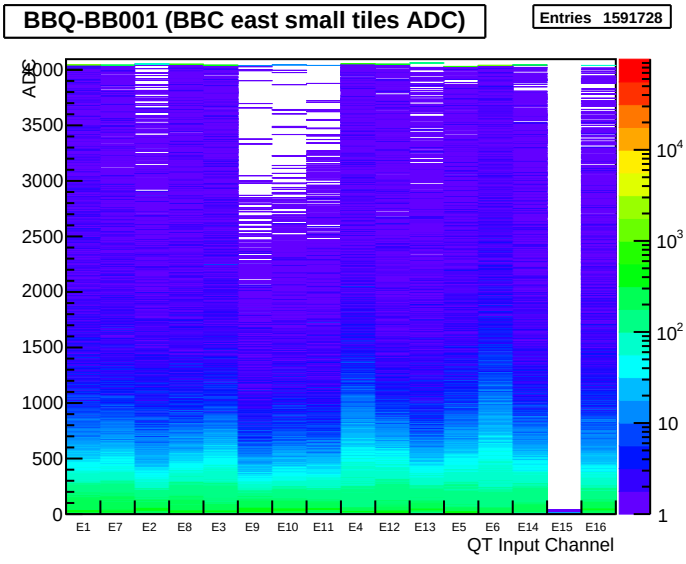

MIX-TF101
Entries 49800
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

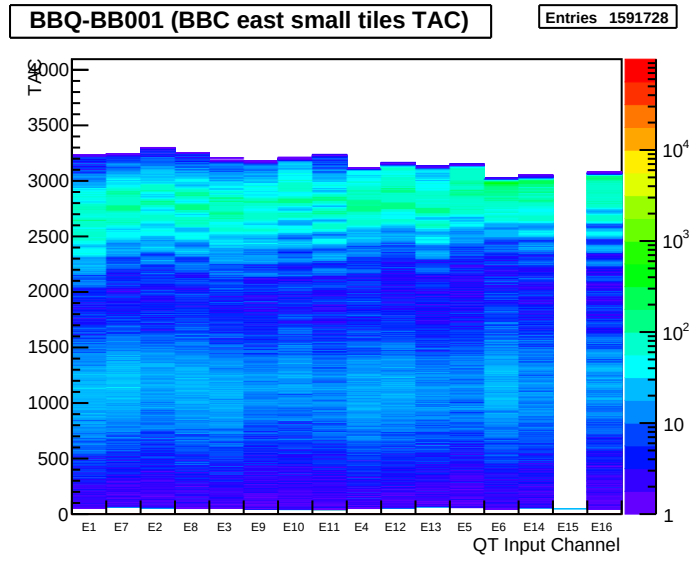

L2-TF201
Entries 99483
TOF total mult

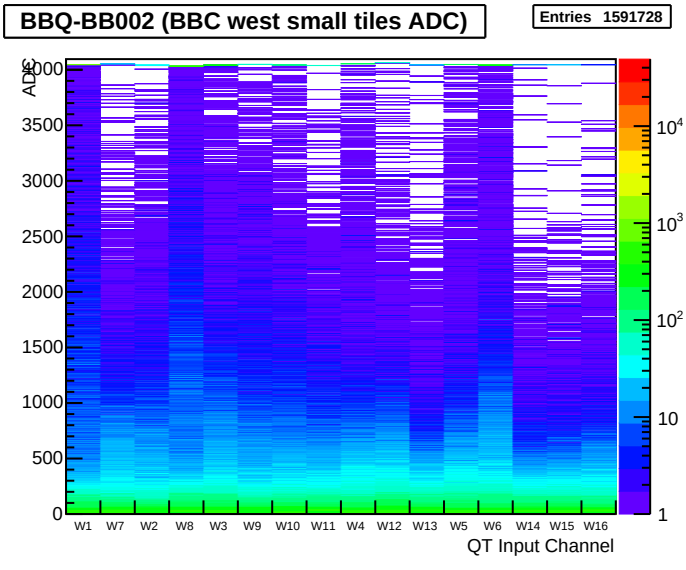

L2-TF201
Entries 0
TOF total mult(Real-Simu)

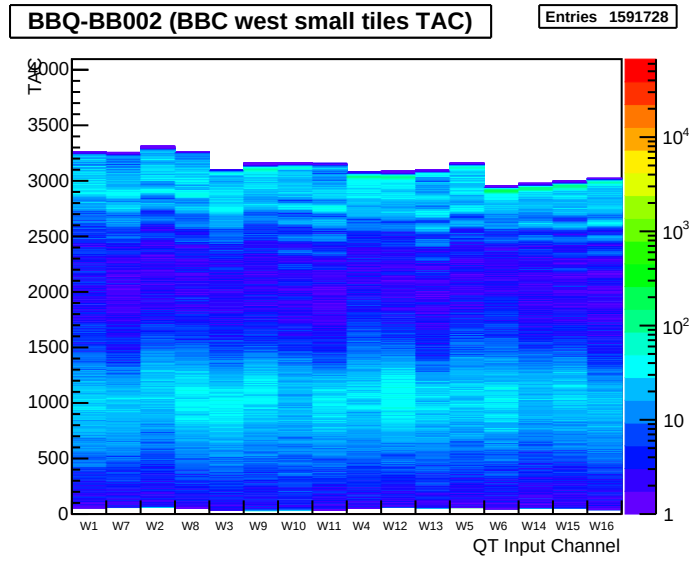

L2-TF201
Entries 696381
Threshold/UPC bits
89349
89532
89250
89336
88617
92314
10134
9951
99483
10233
10147
10866
7169
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

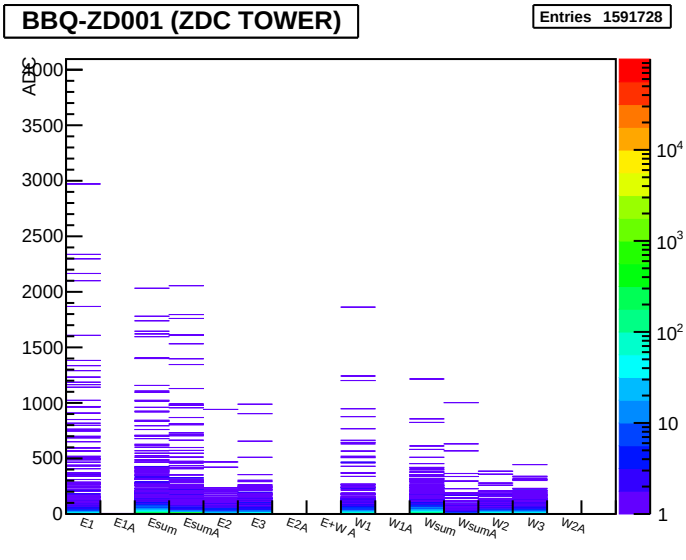

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

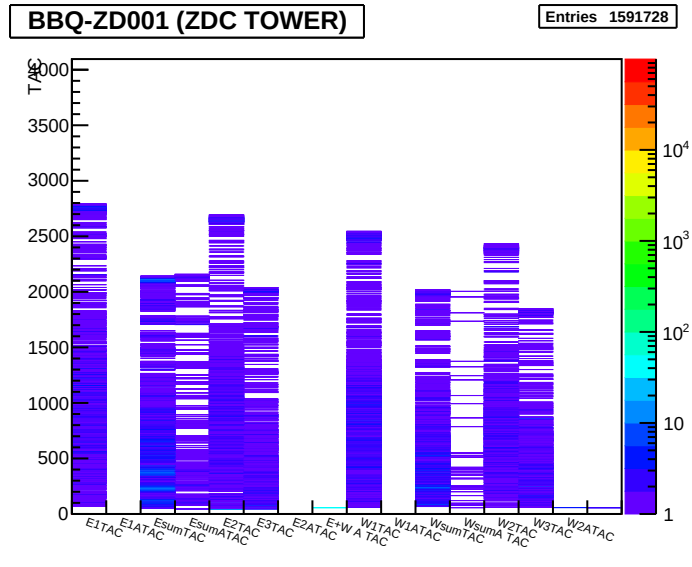

BBQ-BB001 (BBC east small tiles ADC)
Entries 1591728
ADC
QT Input Channel

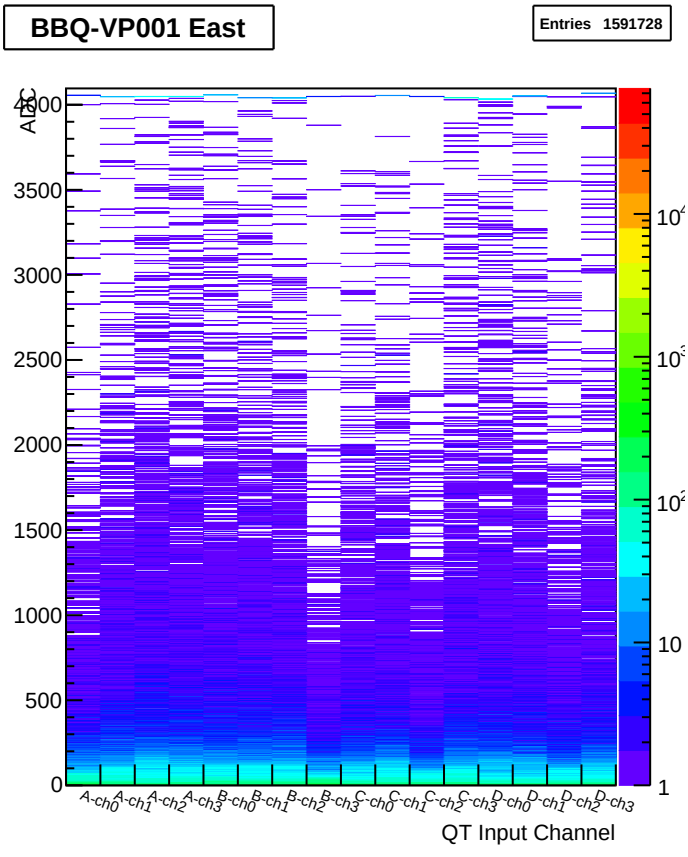

BBQ-BB001 (BBC east small tiles TAC)
Entries 1591728
TAC
QT Input Channel

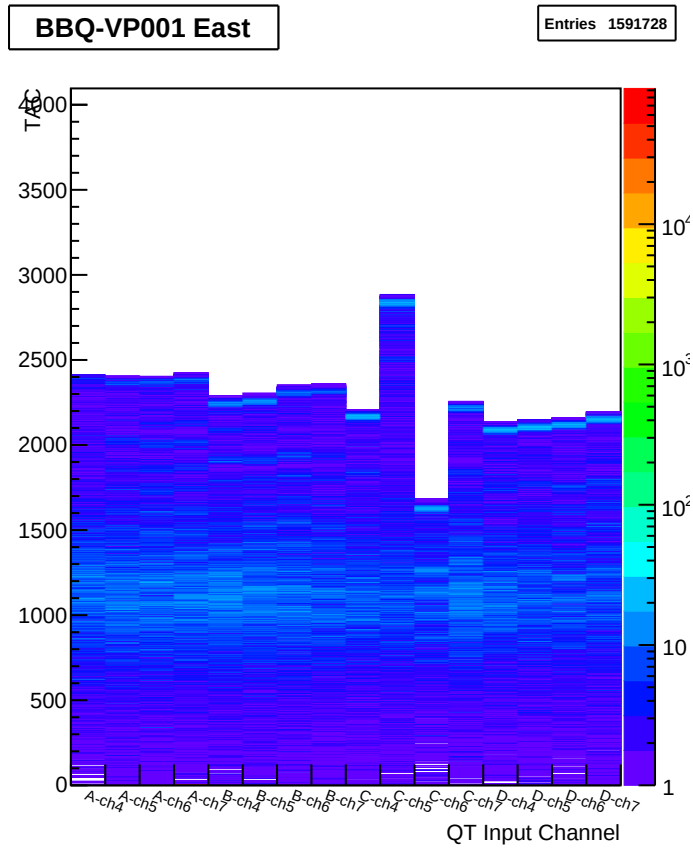

BBQ-BB002 (BBC west small tiles ADC)
Entries 1591728
ADC
QT Input Channel

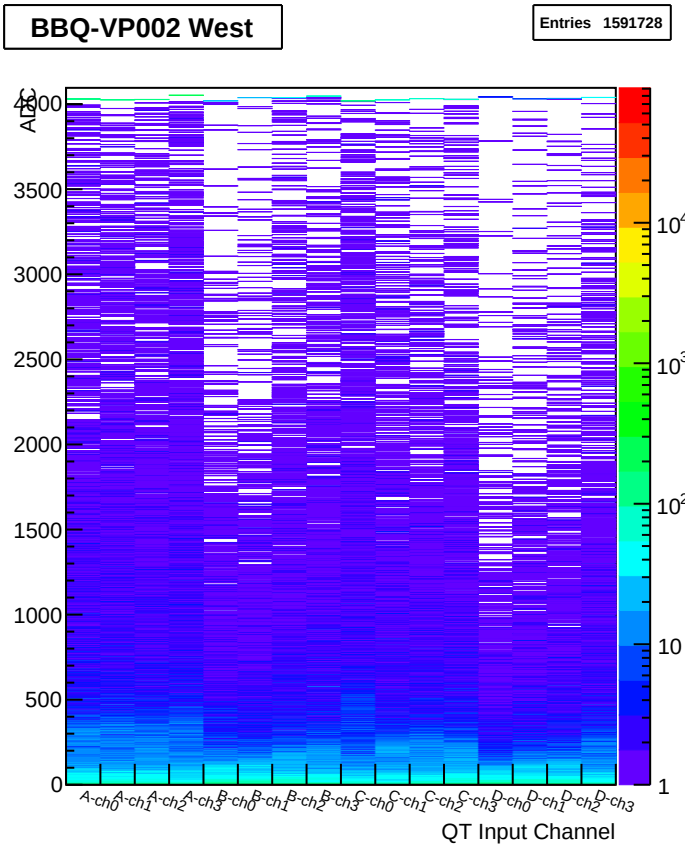

BBQ-BB002 (BBC west small tiles TAC)
Entries 1591728
TAC
QT Input Channel

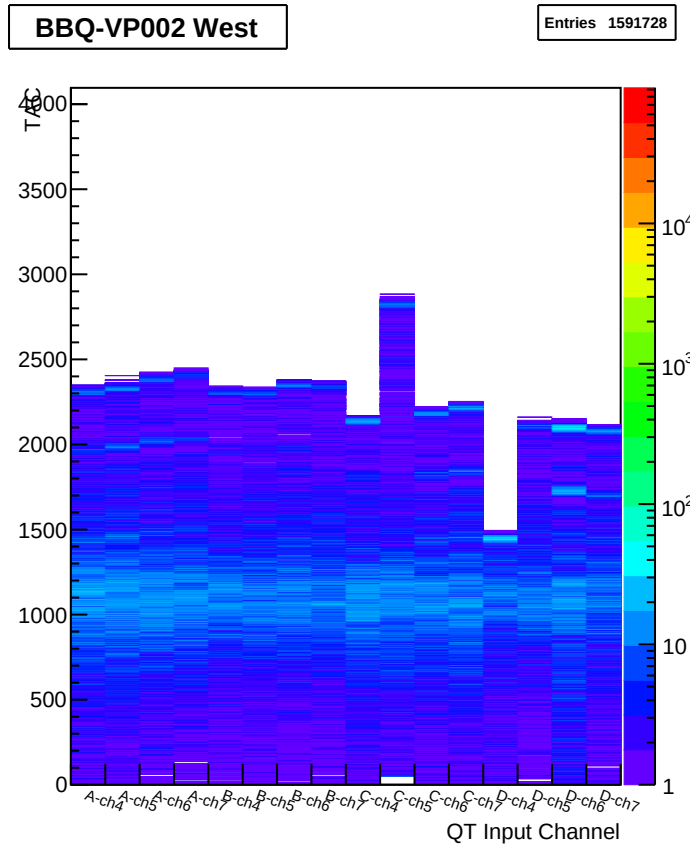

BBQ-ZD001 (ZDC TOWER)
Entries 1591728
ADC

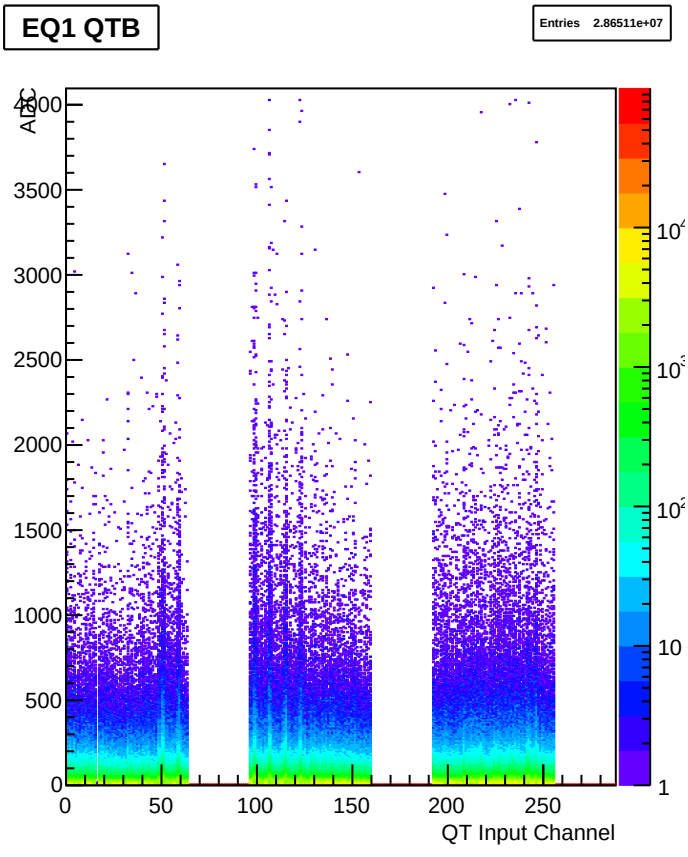

BBQ-ZD001 (ZDC TOWER)
Entries 1591728
TAC

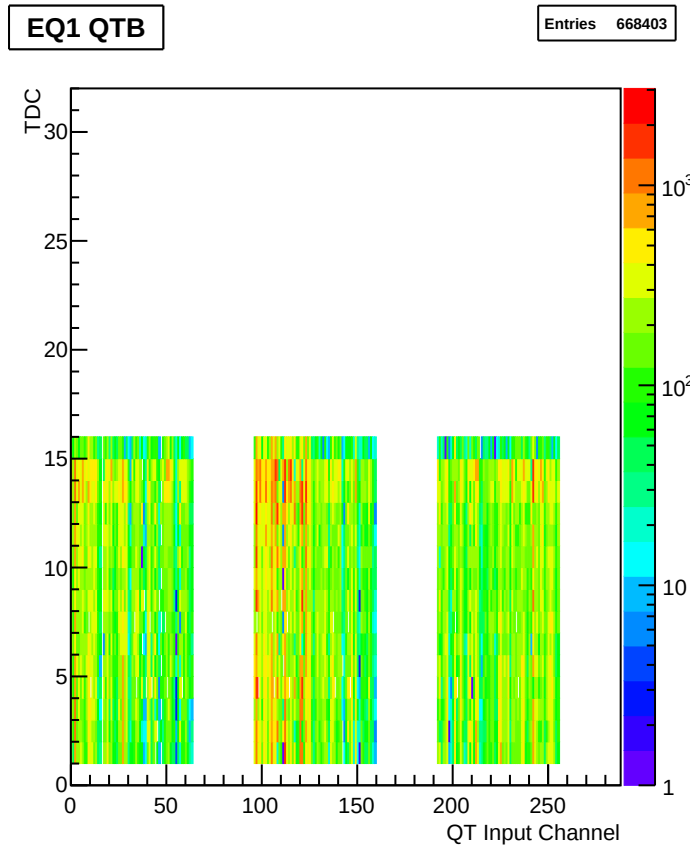

BBQ-VP001 East
Entries 1591728
ADC
QT Input Channel

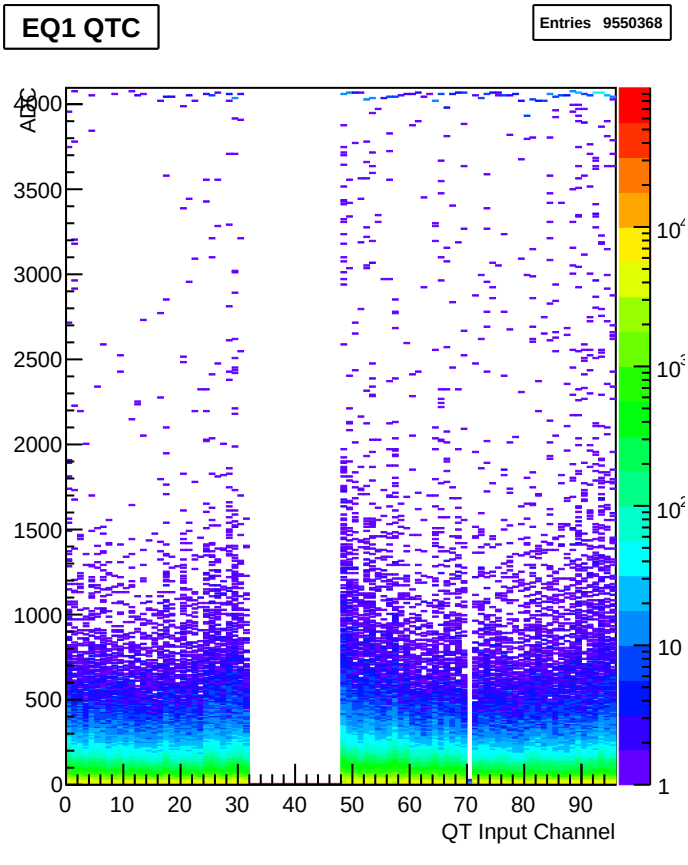

BBQ-VP001 East
Entries 1591728
TADC
QT Input Channel

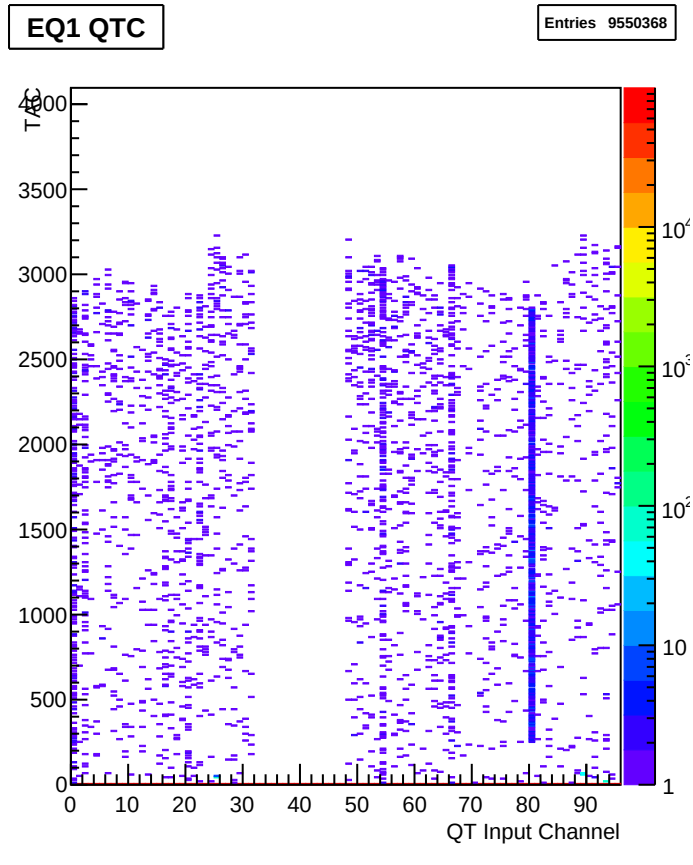

BBQ-VP002 West
Entries 1591728
ADC
QT Input Channel

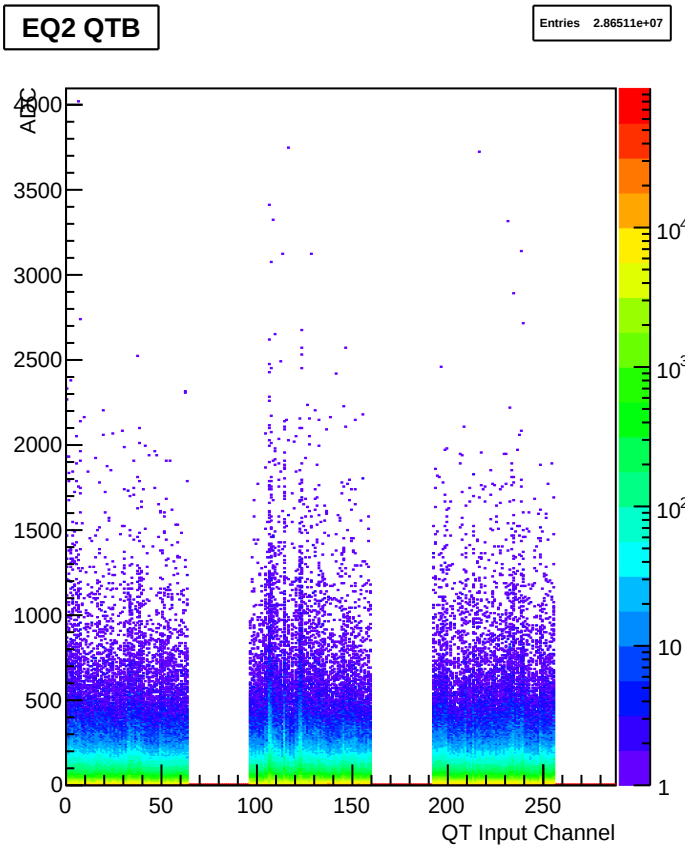

BBQ-VP002 West
Entries 1591728
TADC
QT Input Channel

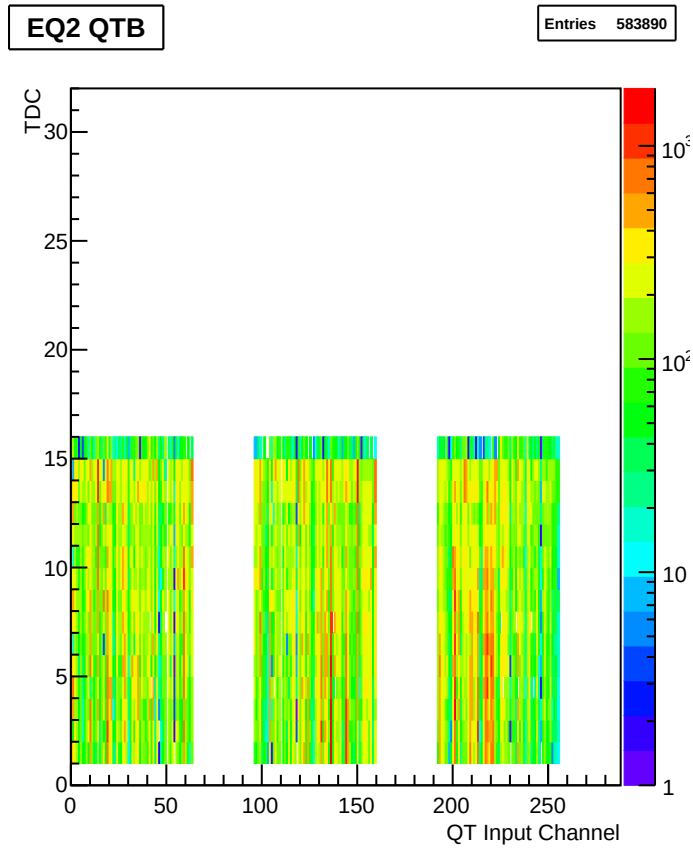

EQ1 QTB
Entries 2.86511e+07
ADC
QT Input Channel

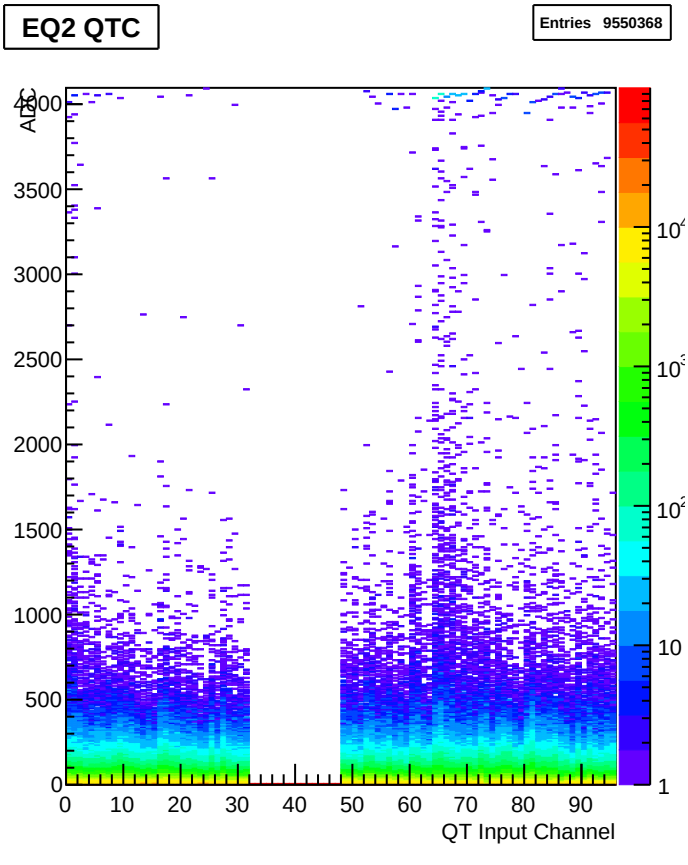

EQ1 QTB
Entries 668403
TDC
QT Input Channel

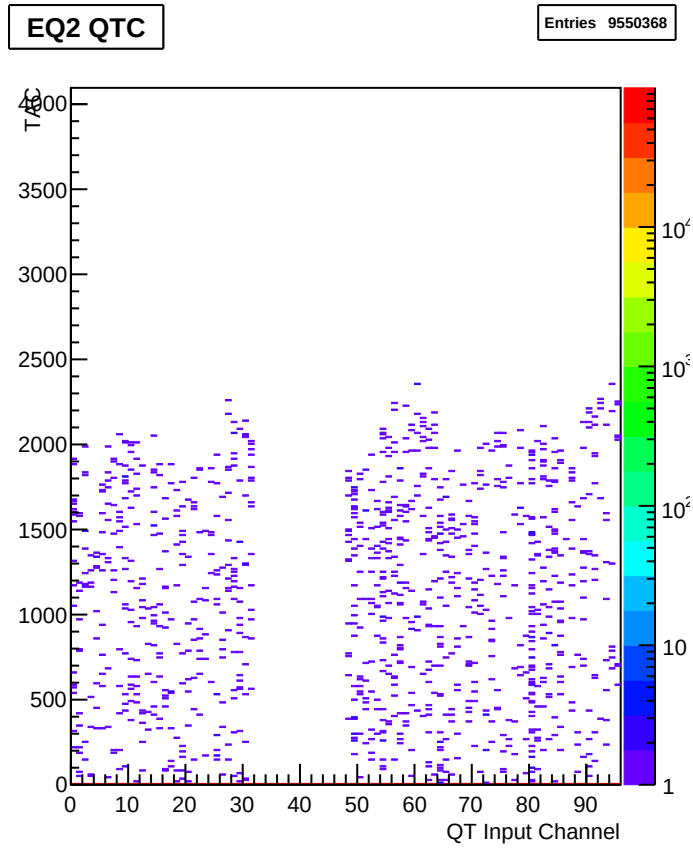

EQ1 QTC
Entries 9550368
ADC
QT Input Channel

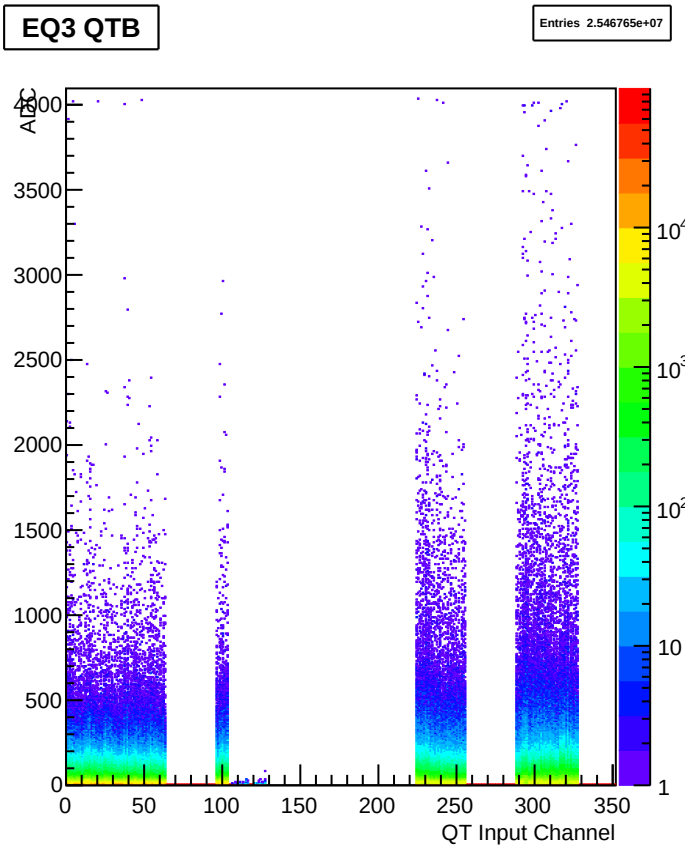

EQ1 QTC
Entries 9550368
TADC
QT Input Channel

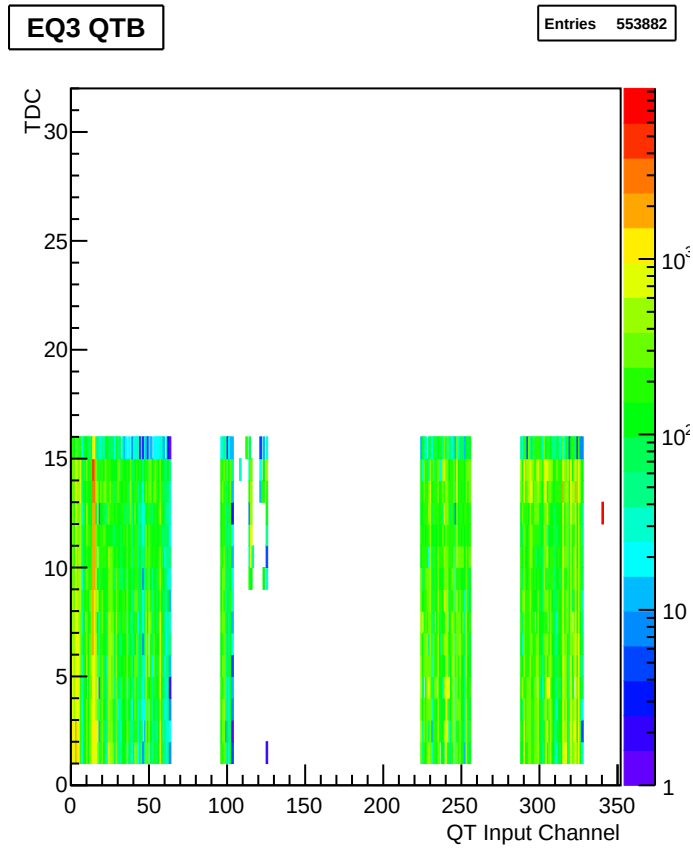

EQ2 QTB
Entries 2.86511e+07
ADC
QT Input Channel

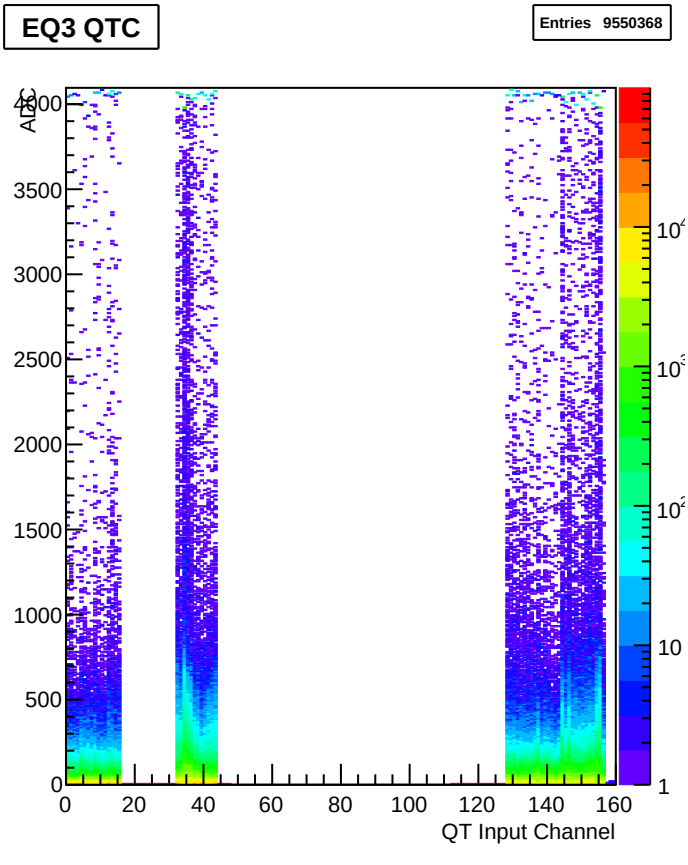

EQ2 QTB
Entries 583890
TDC
QT Input Channel

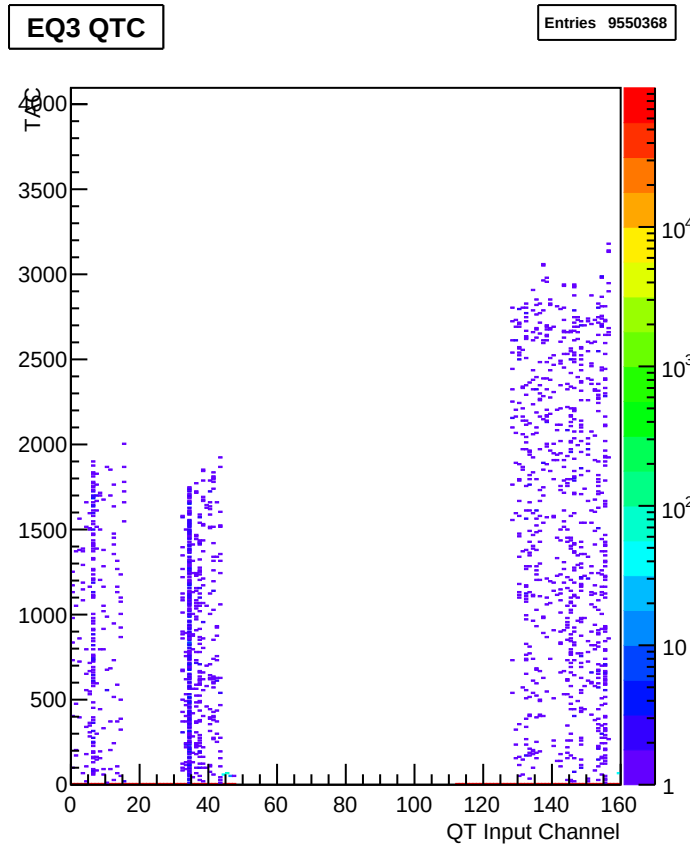

EQ2 QTC
Entries 9550368
ADC
QT Input Channel

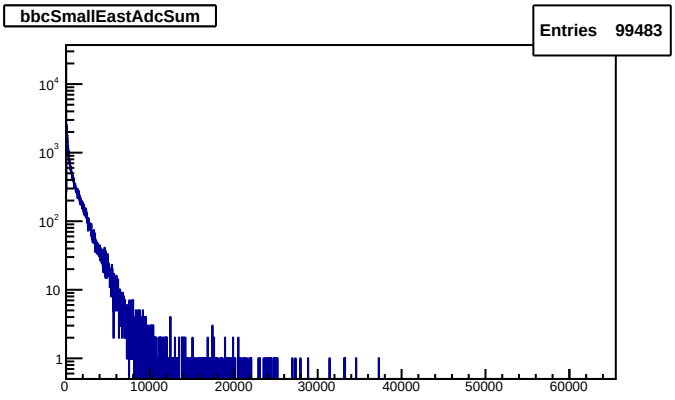

EQ2 QTC
Entries 9550368
TADC
QT Input Channel

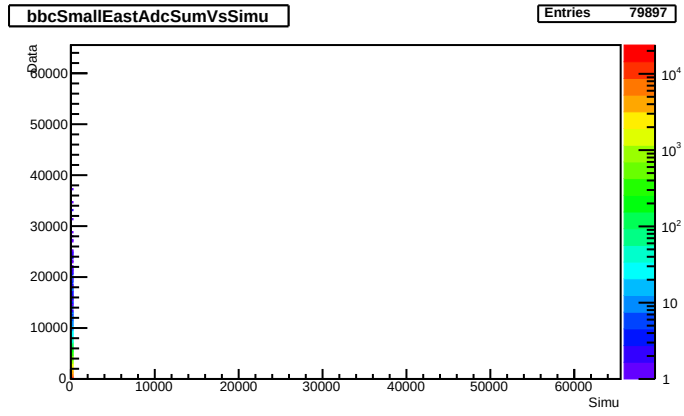

EQ3 QTB
Entries 2.546765e+07
ADC
QT Input Channel

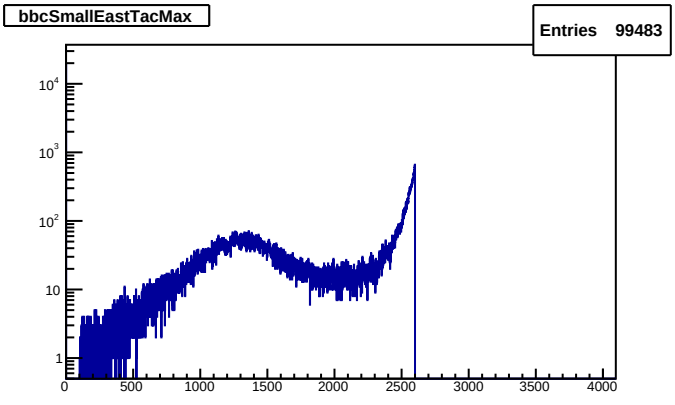

EQ3 QTB
Entries 553882
TDC
QT Input Channel

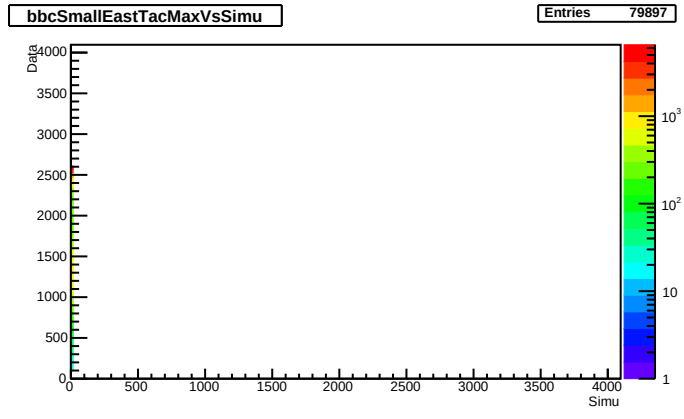

EQ3 QTC
Entries 9550368
ADC
QT Input Channel

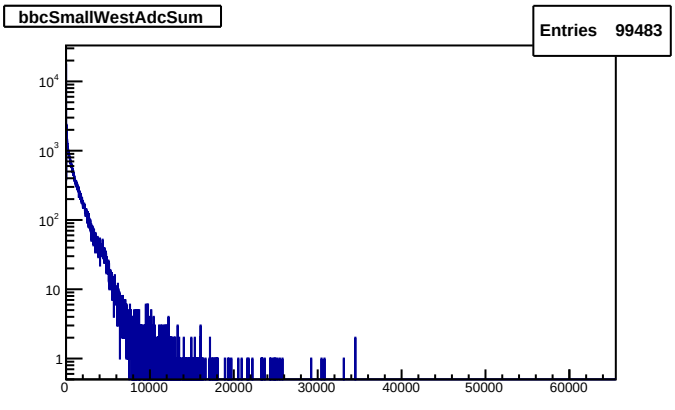

EQ3 QTC
Entries 9550368
TADC
QT Input Channel

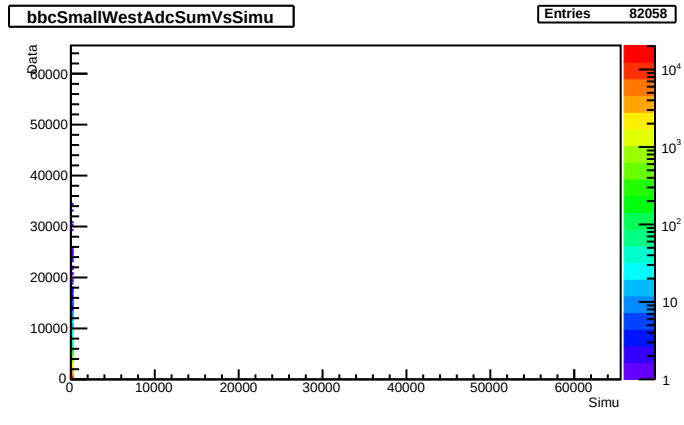

bbcSmallEastAdcSum
Entries 99483

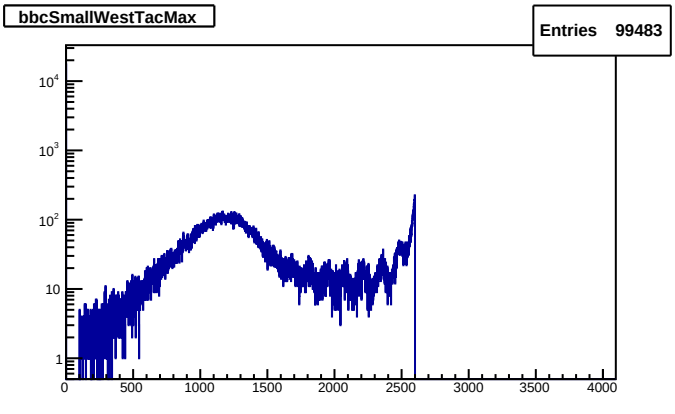

bbcSmallEastAdcSumVsSimu
Entries 79897
Data
Simu

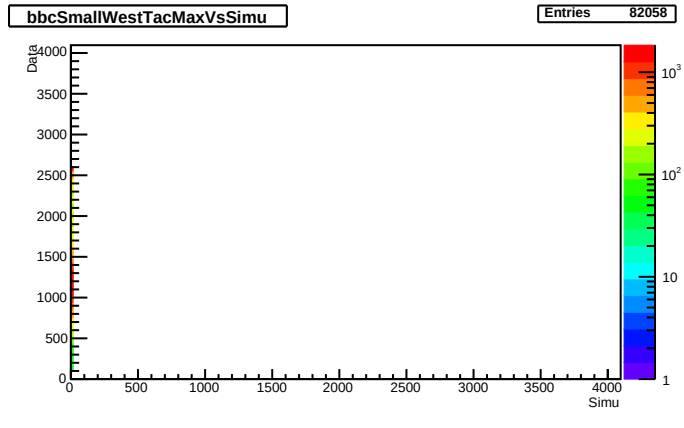

bbcSmallEastTacMax
Entries 99483

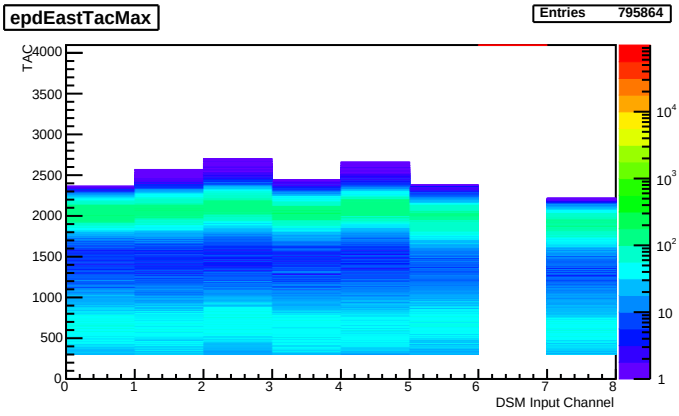

bbcSmallEastTacMaxVsSimu
Entries 79897
Data
Simu

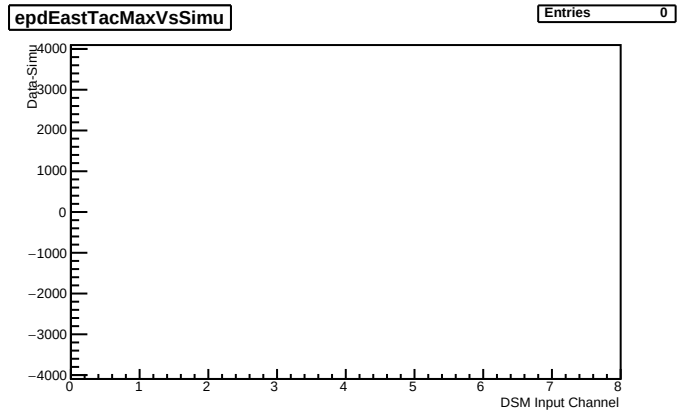

bbcSmallWestAdcSum
Entries 99483

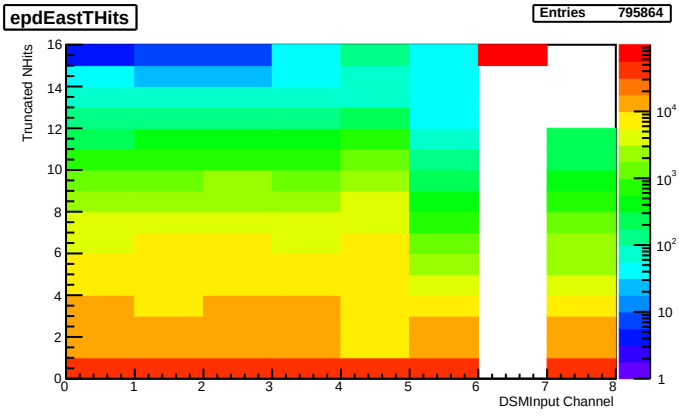

bbcSmallWestAdcSumVsSimu
Entries 82058
Data
Simu

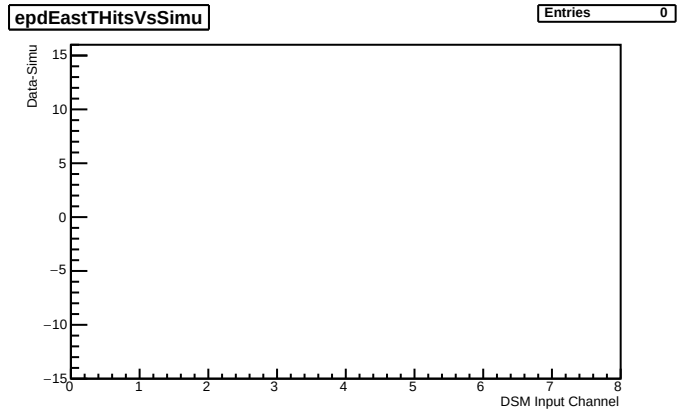

bbcSmallWestTacMax
Entries 99483

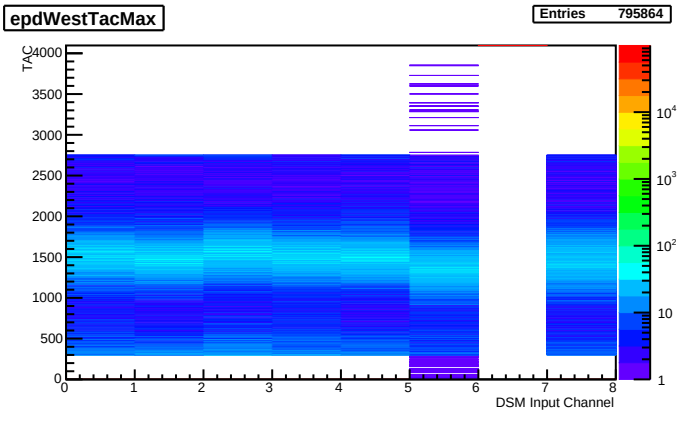

bbcSmallWestTacMaxVsSimu
Entries 82058
Data
Simu

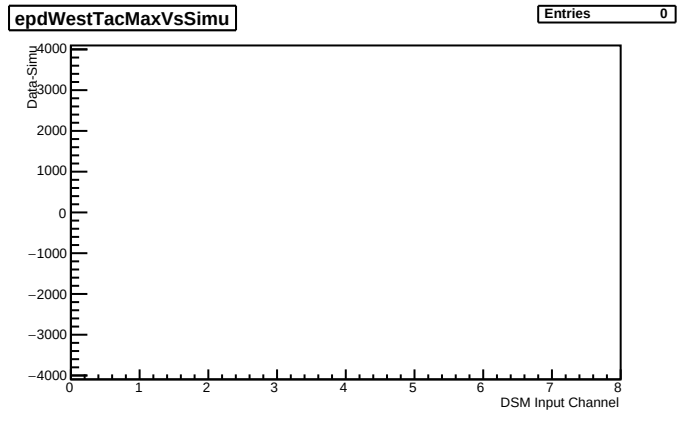

epdEastTacMax
Entries 795864
TAC
DSM Input Channel

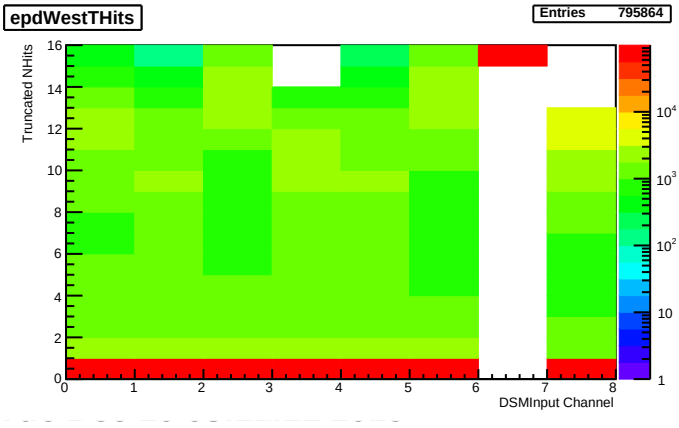

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

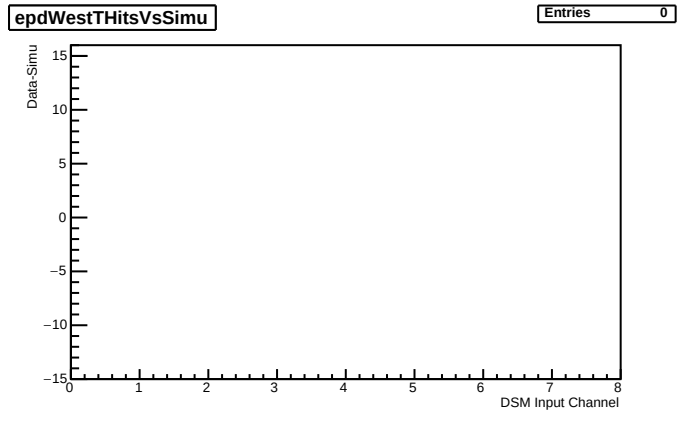

epdEastTHits
Entries 795864
Truncated NHits
DSMInput Channel

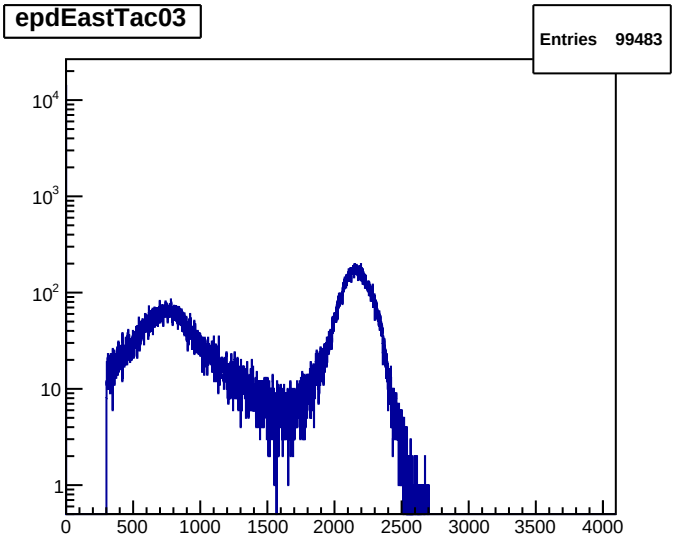

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

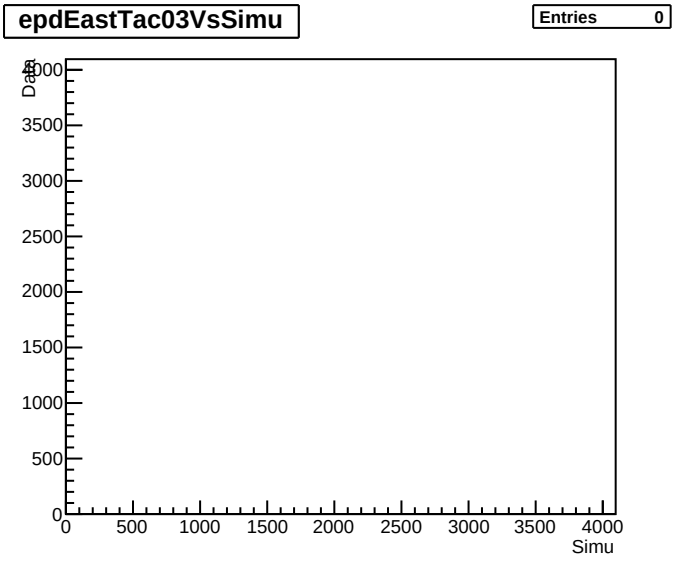

epdWestTacMax
Entries 795864
TAC
DSM Input Channel

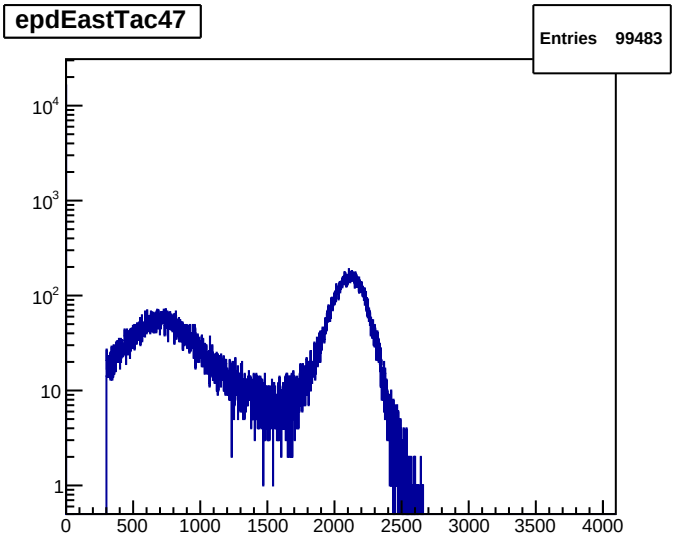

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

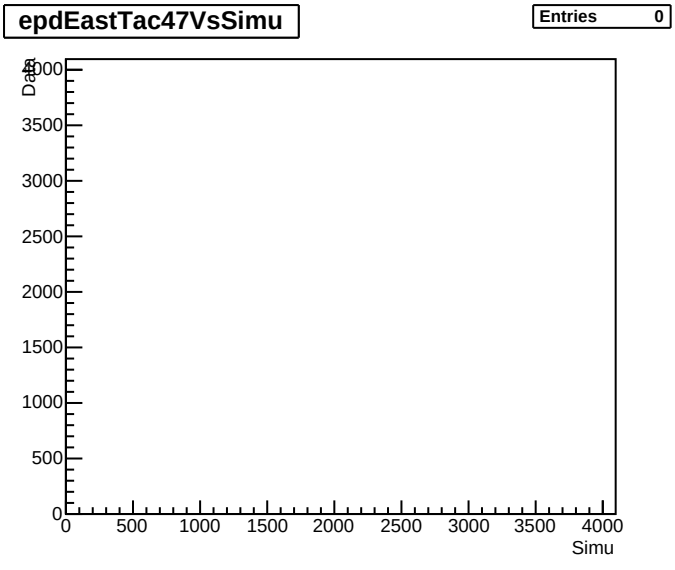

epdWestTHits
Entries 795864
Truncated NHits
DSMInput Channel

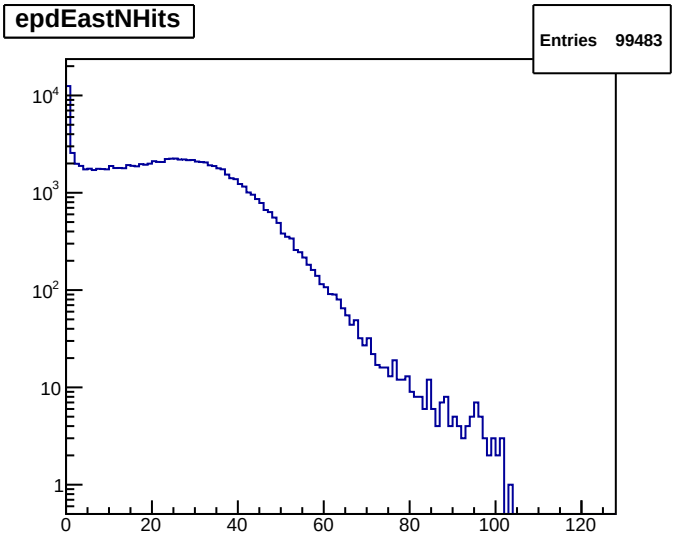

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

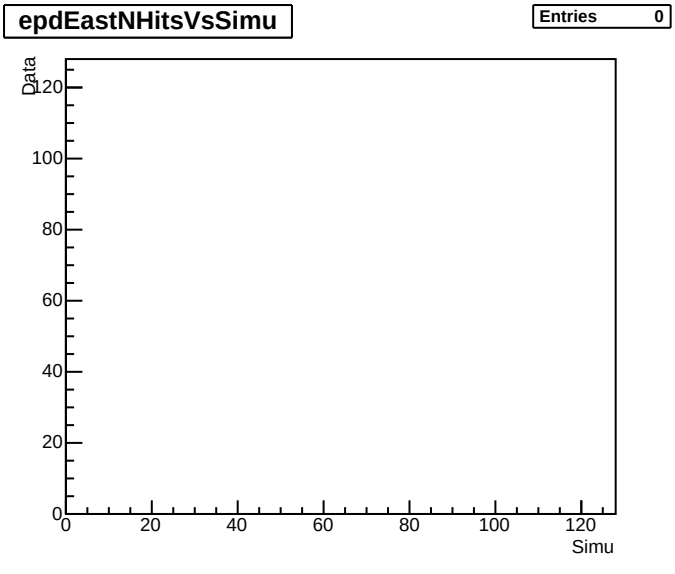

epdEastTac03
Entries 99483


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 99483


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 99483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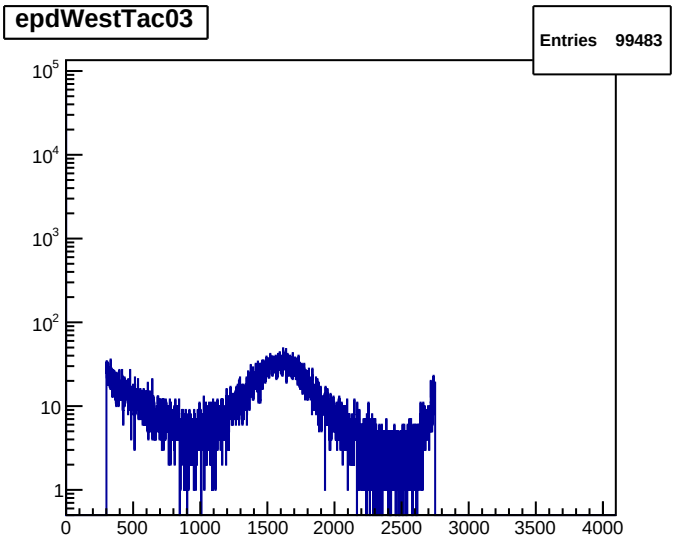
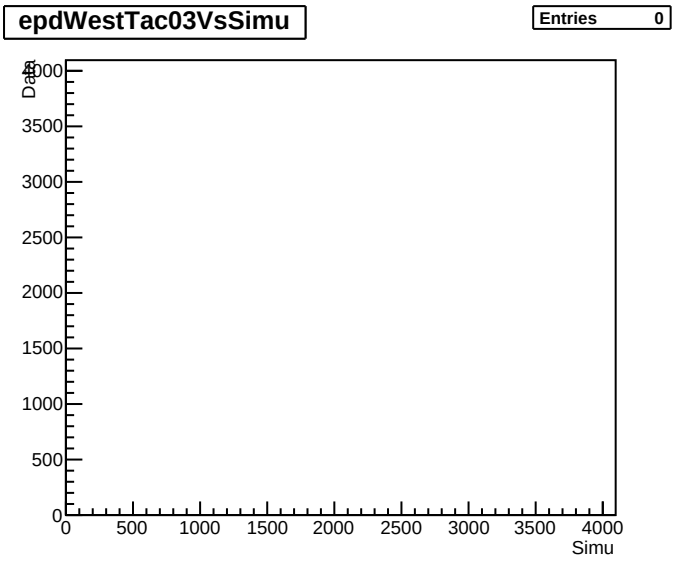
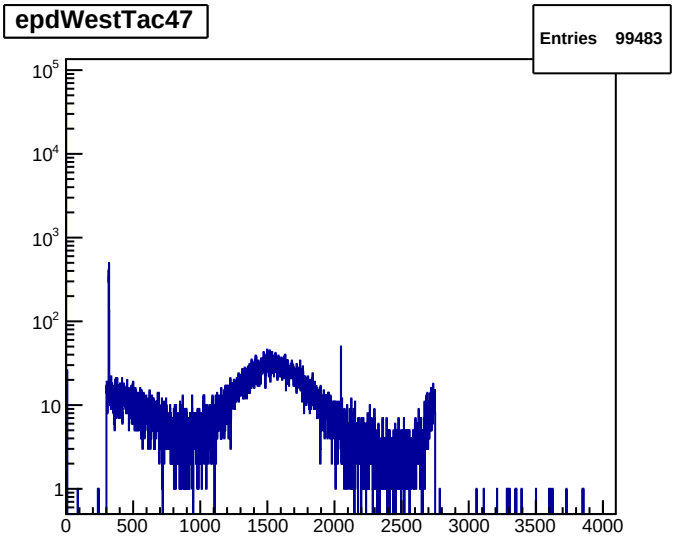
Entries 0
Data
Simu


epdWestTac03
Entries 99483


epdWestTac03VsSimu
Entries 0
Data
Simu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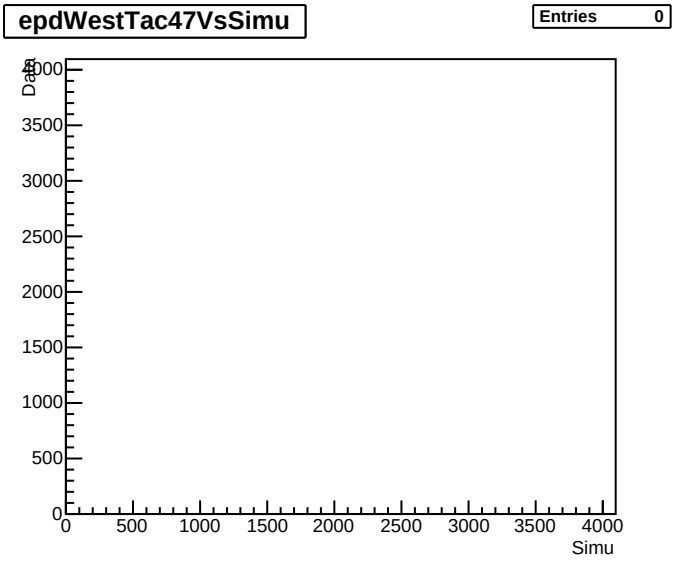
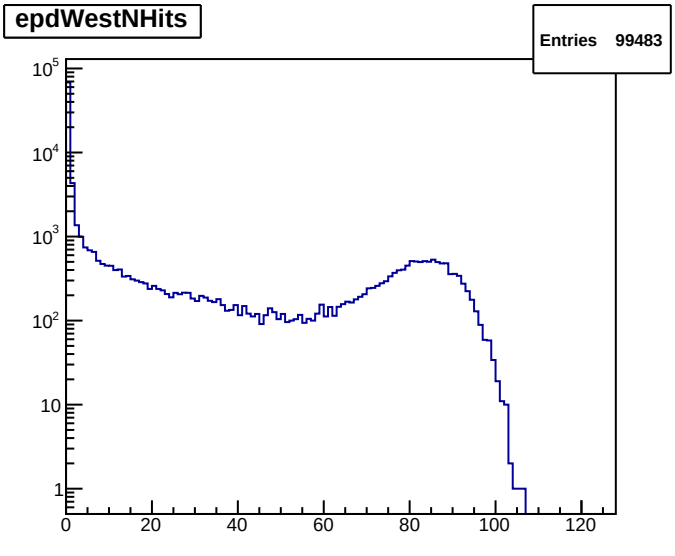
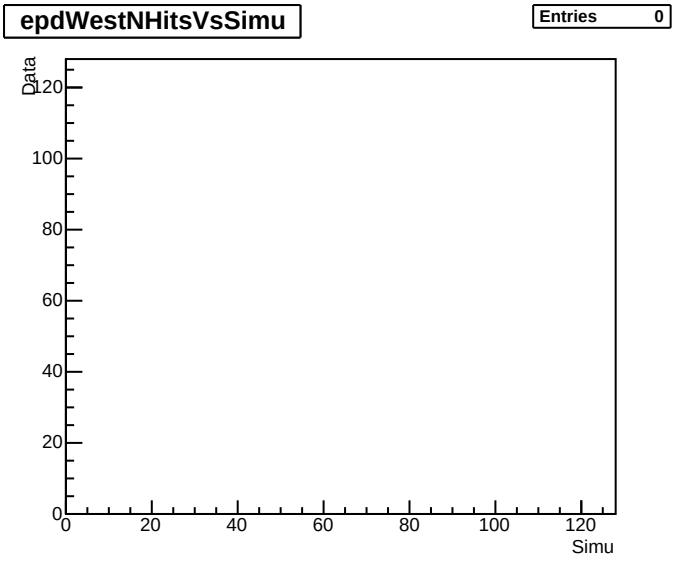
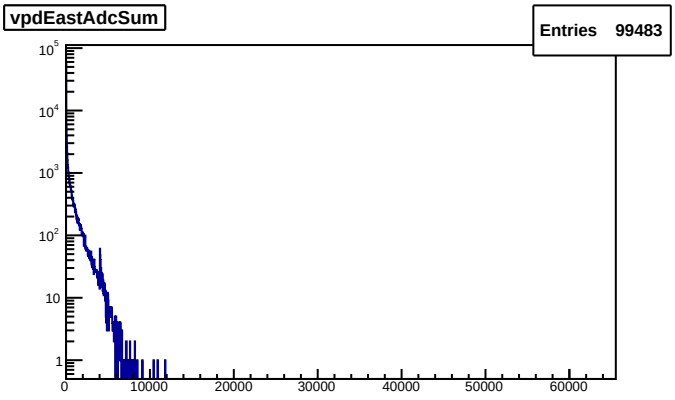
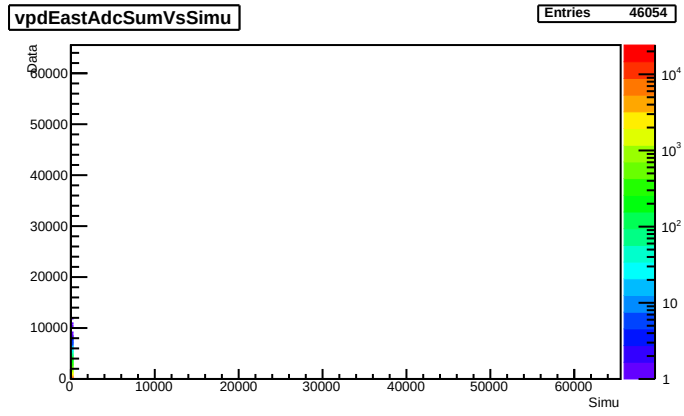
Entries 99483

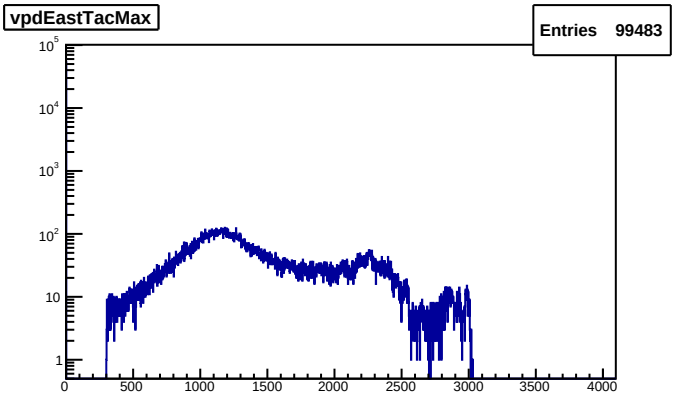

epdWestTac47VsSimu
Entries 0
Data
Simu

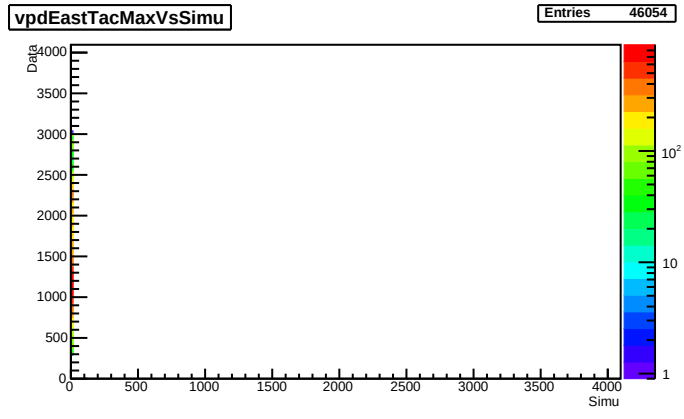

epdWestNHits
Entries 99483

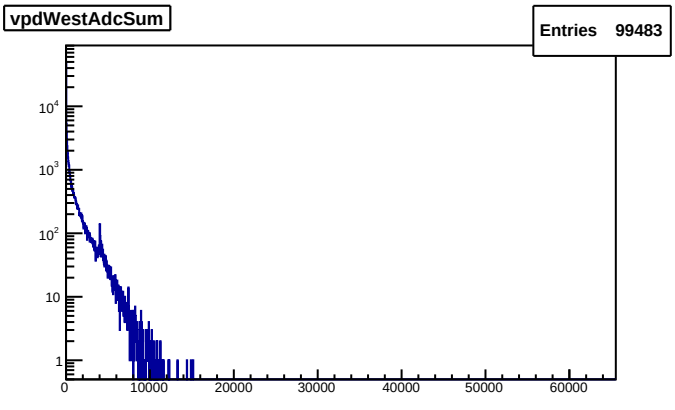

epdWestNHitsVsSimu
Entries 0
Data
Simu

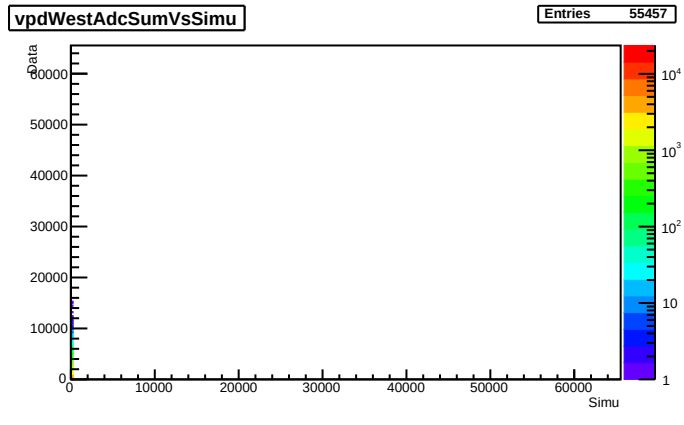

vpdEastAdcSum
Entries 99483

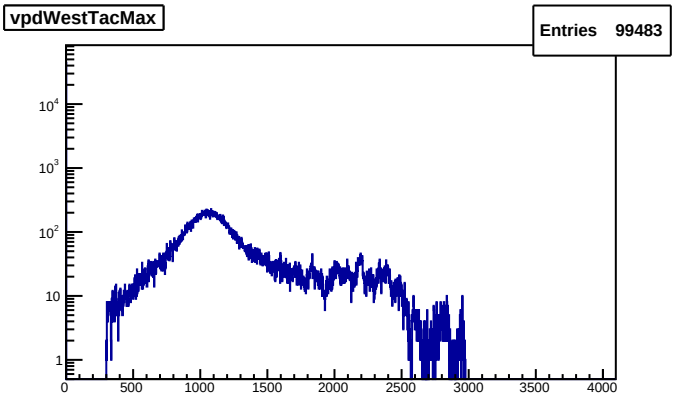

vpdEastAdcSumVsSimu
Entries 46054
Data
Simu

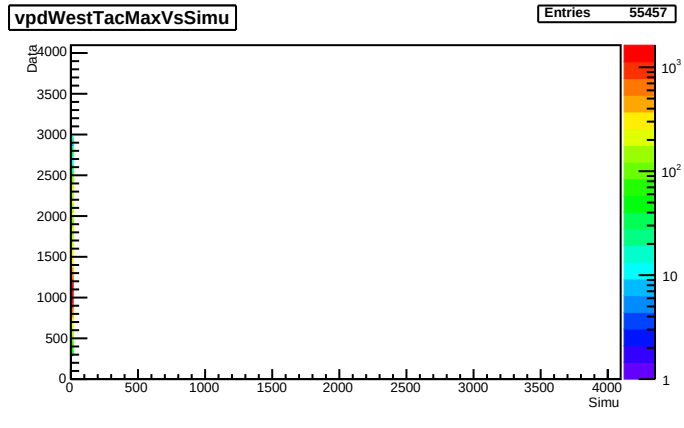

vpdEastTacMax
Entries 99483

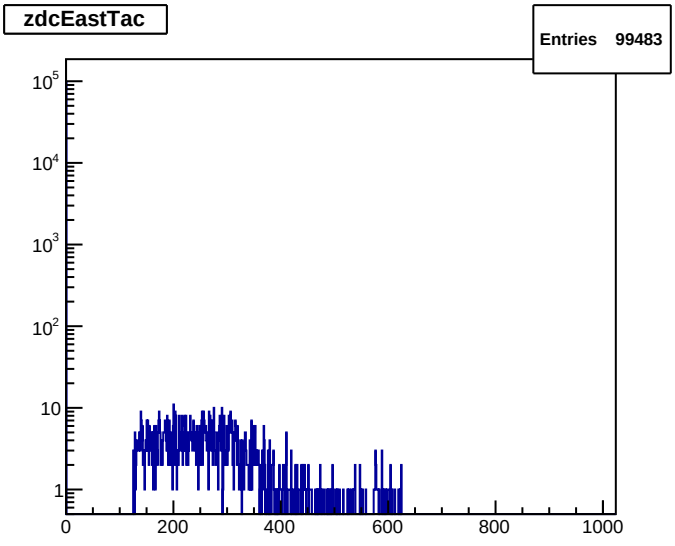

vpdEastTacMaxVsSimu
Entries 46054
Data
Simu

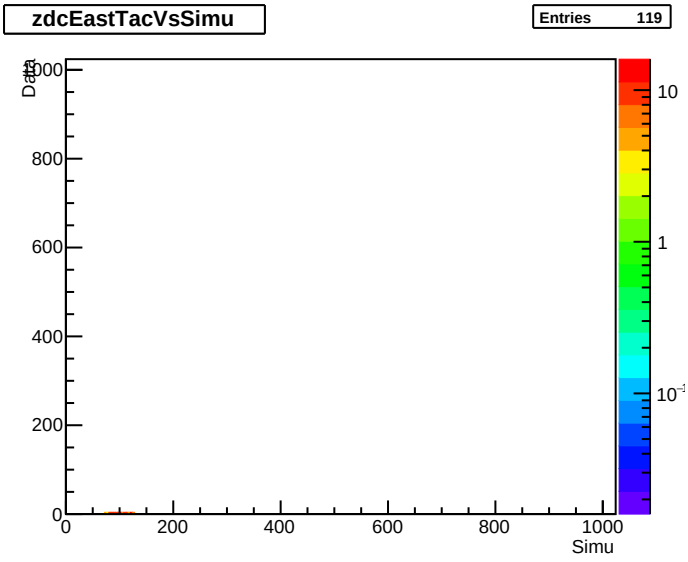

vpdWestAdcSum
Entries 99483

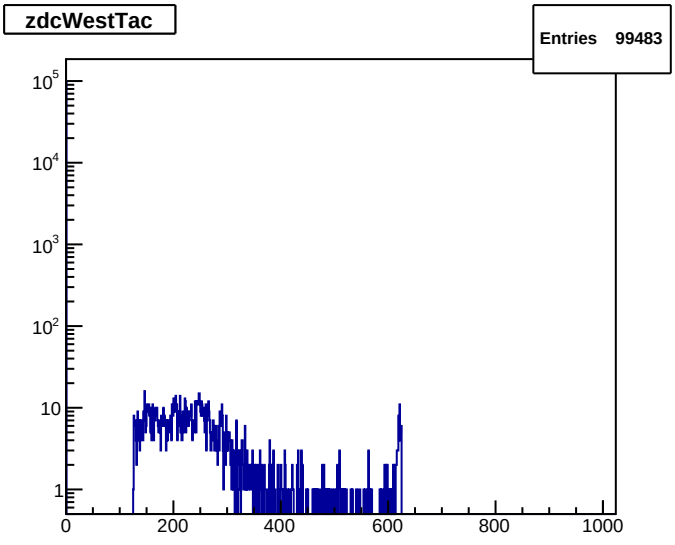

vpdWestAdcSumVsSimu
Entries 55457
Data
Simu

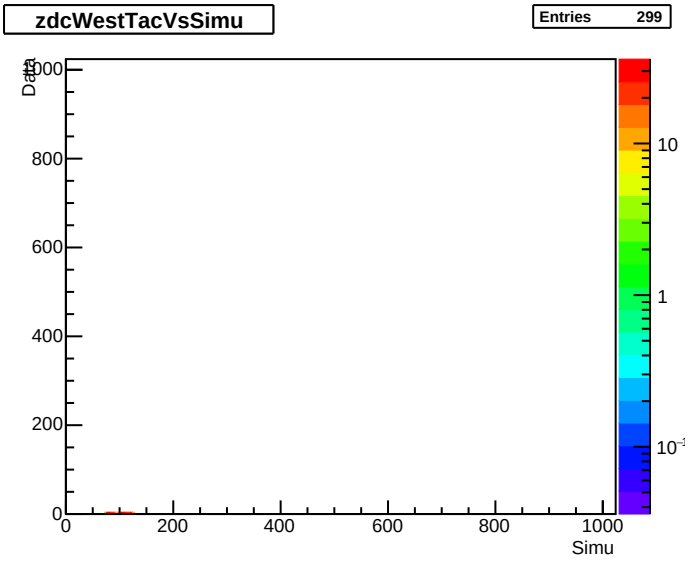

vpdWestTacMax
Entries 99483

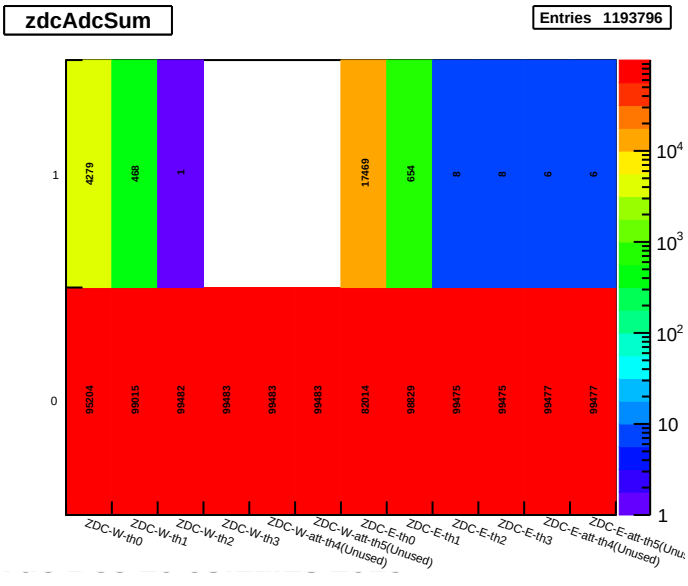

vpdWestTacMaxVsSimu
Entries 55457
Data
Simu

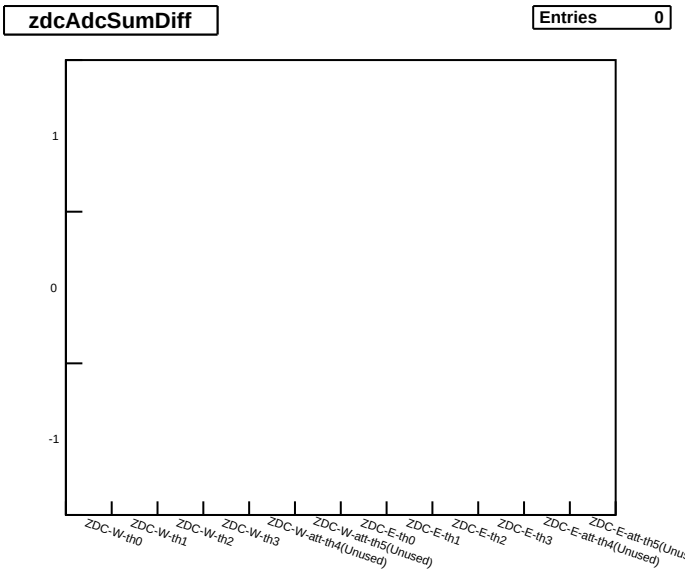

zdcEastTac
Entries 99483

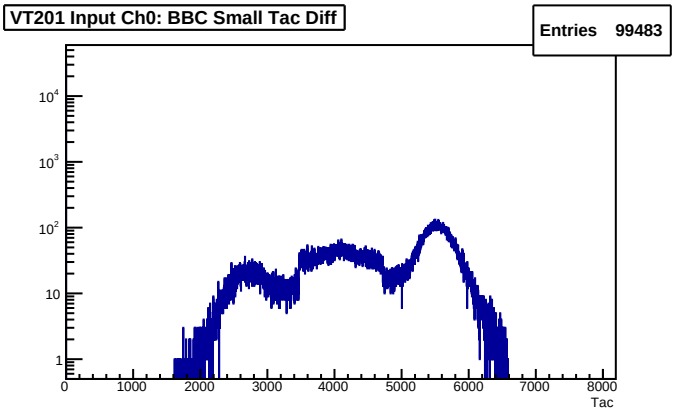

zdcEastTacVsSimu
Entries 119
Data
Simu

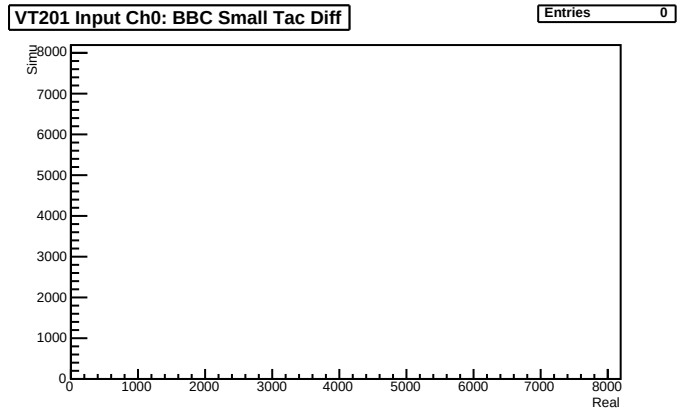

zdcWestTac
Entries 99483

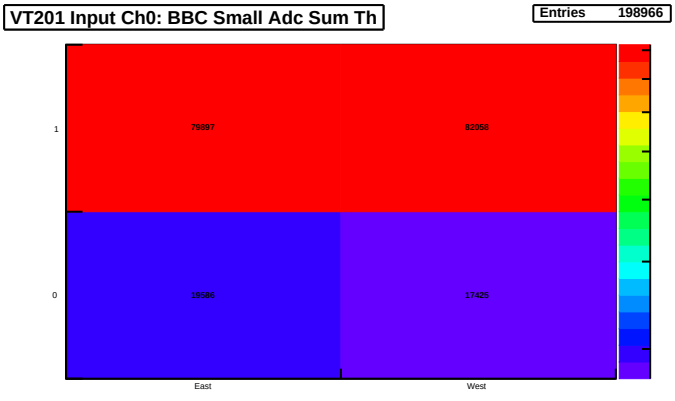

zdcWestTacVsSimu
Entries 299
Data
Simu

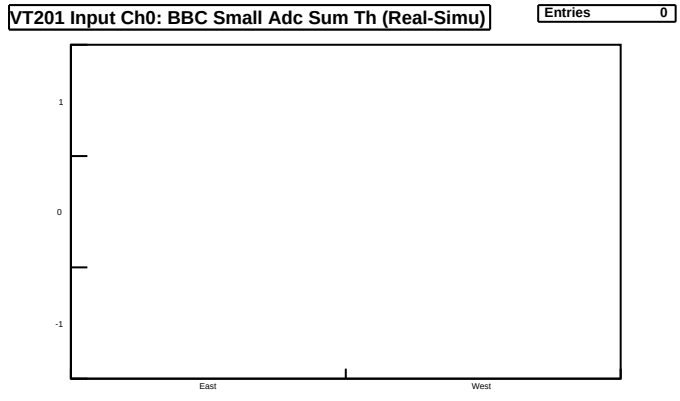

zdcAdcSum
Entries 1193796
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

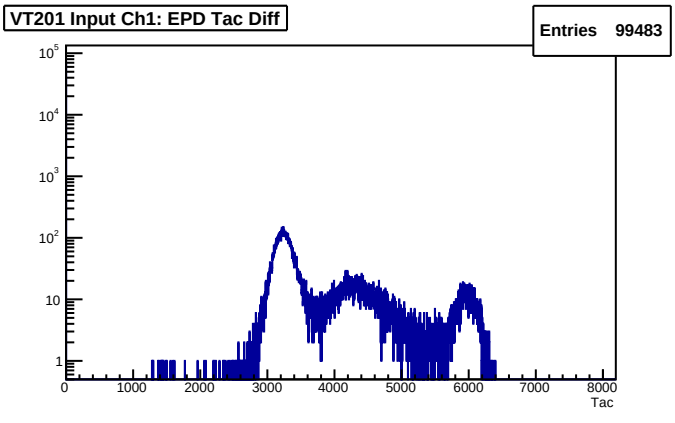

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

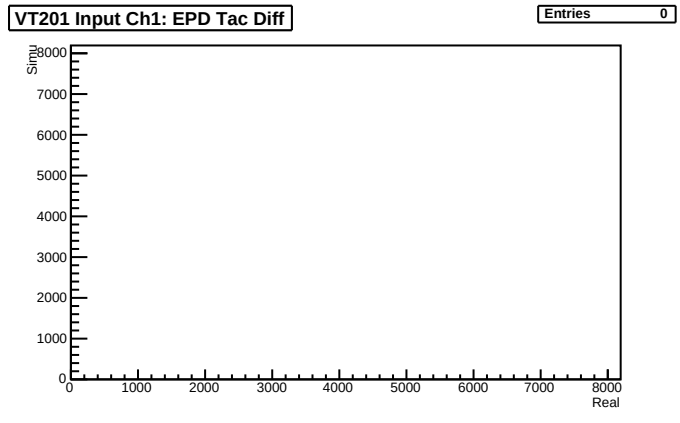

VT201 Input Ch0: BBC Small Tac Diff
Entries 99483
Tac

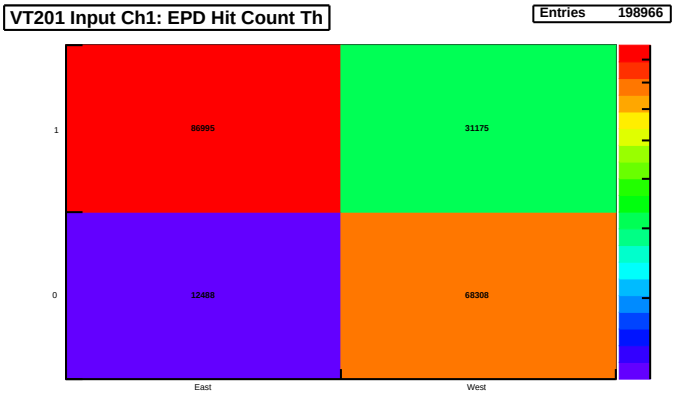

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

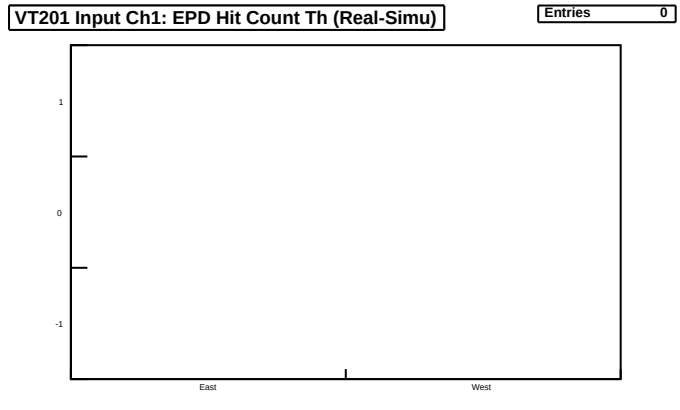

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 198966
79897
82058
19586
17425
East
West

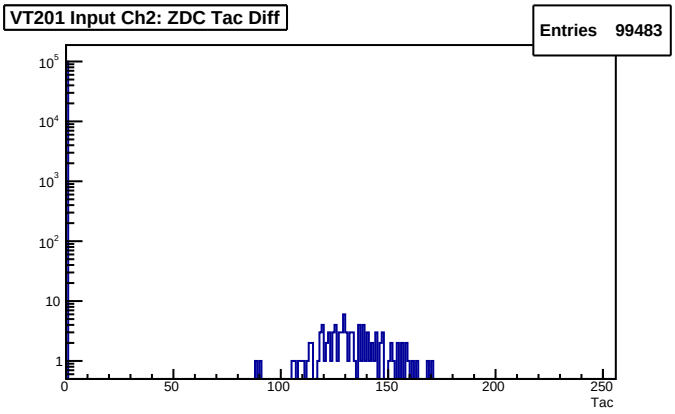

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

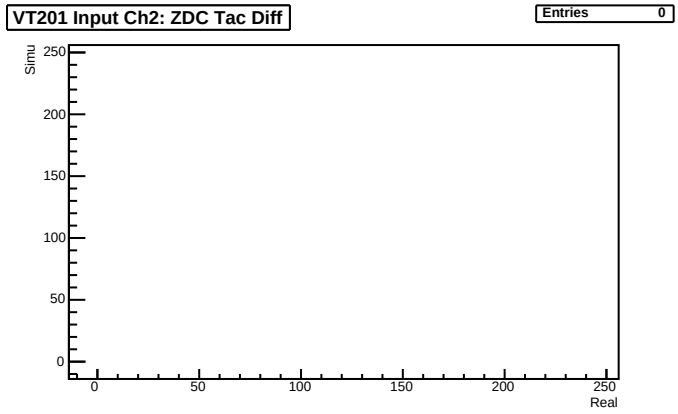

VT201 Input Ch1: EPD Tac Diff
Entries 99483
Tac

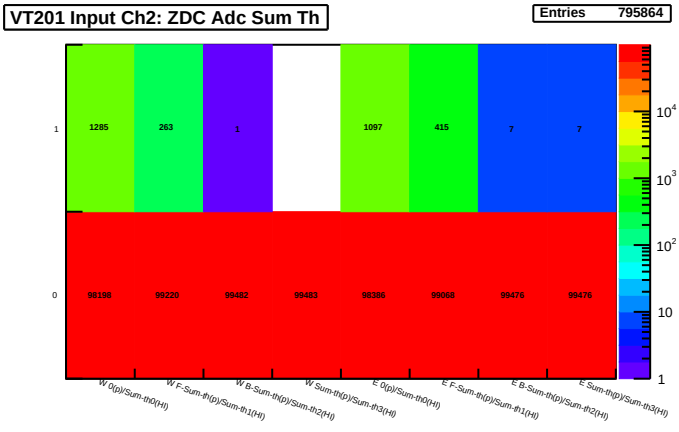

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

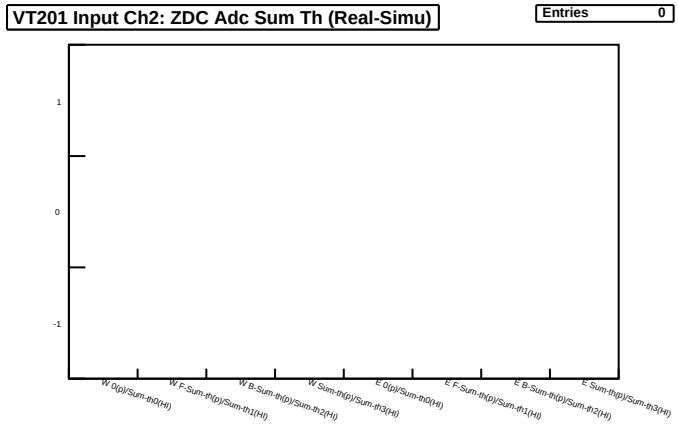

VT201 Input Ch1: EPD Hit Count Th
Entries 198966
86995
31175
12488
68308
East
West

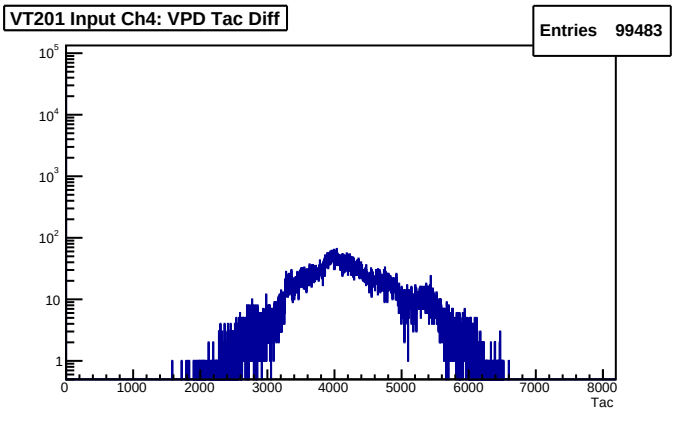

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

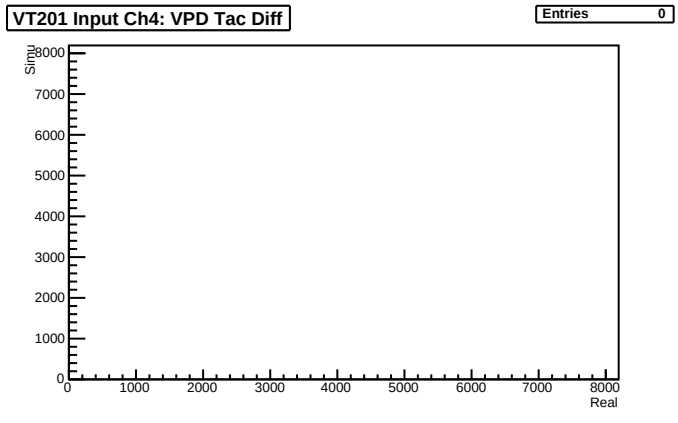

VT201 Input Ch2: ZDC Tac Diff
Entries 99483
Tac

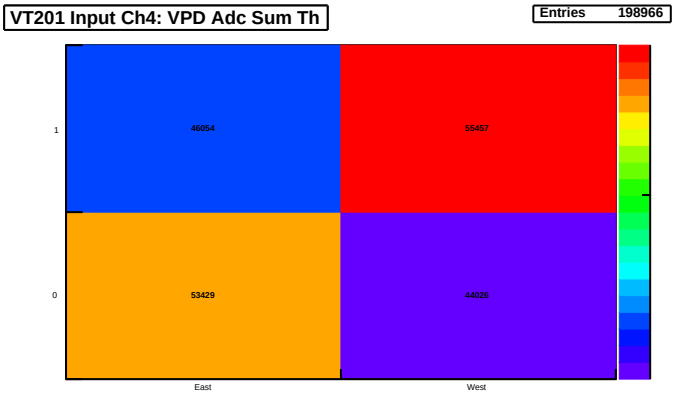

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

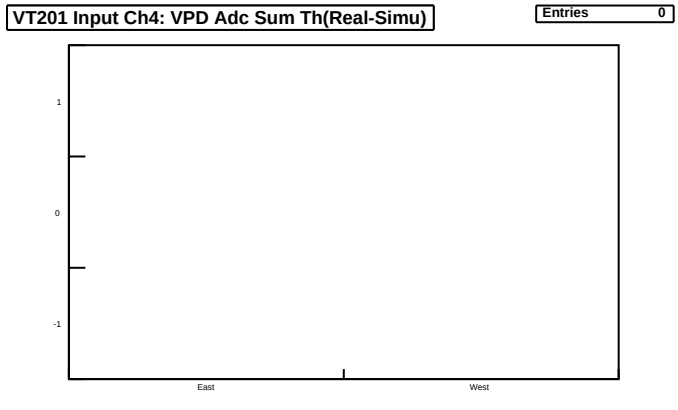

VT201 Input Ch2: ZDC Adc Sum Th
Entries 795864
1285
263
1
1097
415
7
7
98198
99220
99482
99483
98386
99068
99476
99476
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

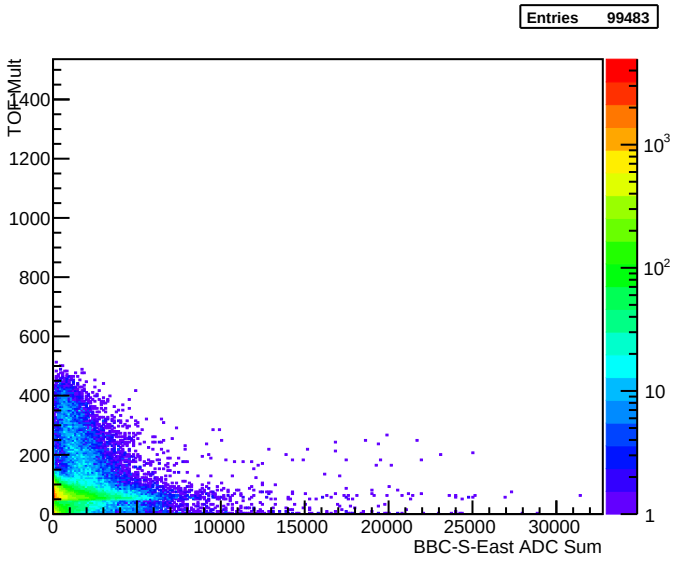

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

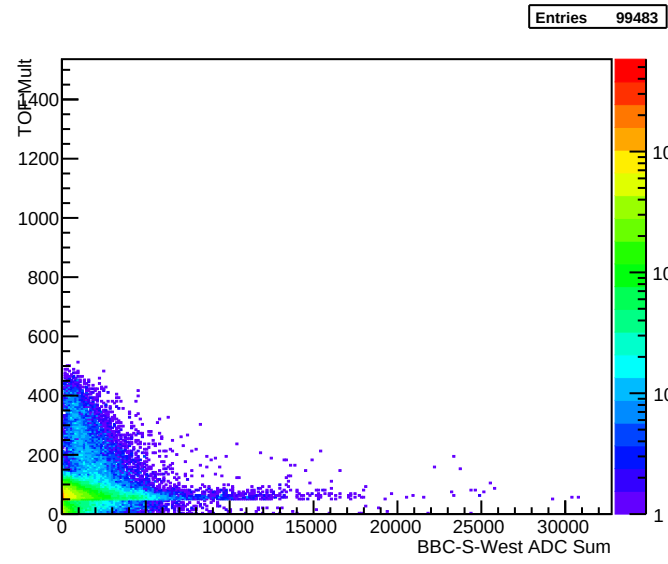

VT201 Input Ch4: VPD Tac Diff
Entries 99483
Tac

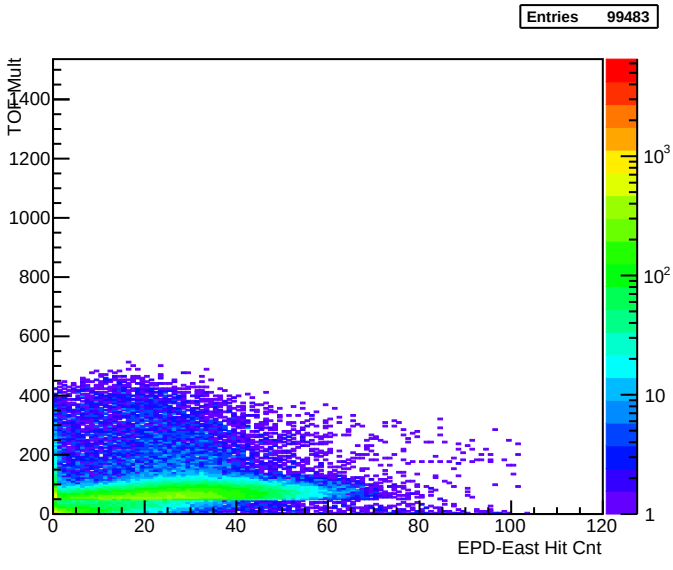

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

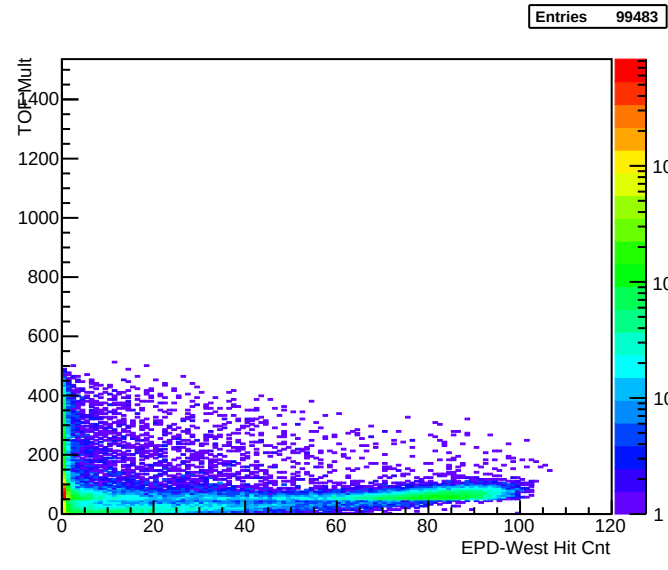

VT201 Input Ch4: VPD Adc Sum Th
Entries 198966
46054
55457
53429
44026
East
West

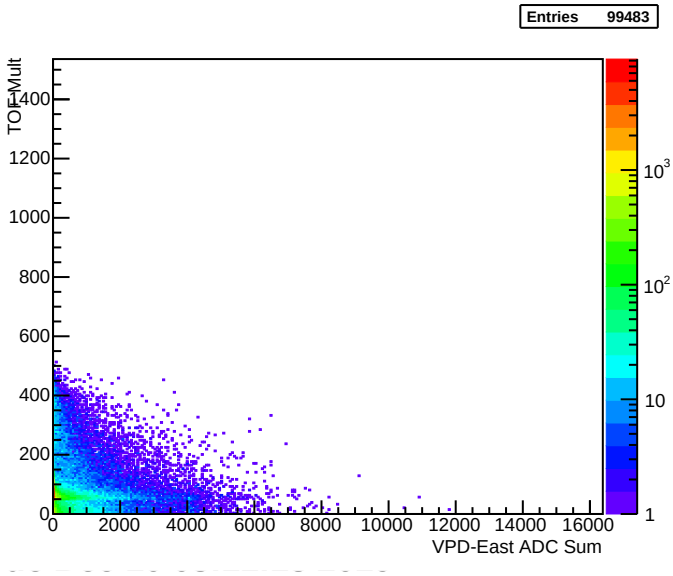

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

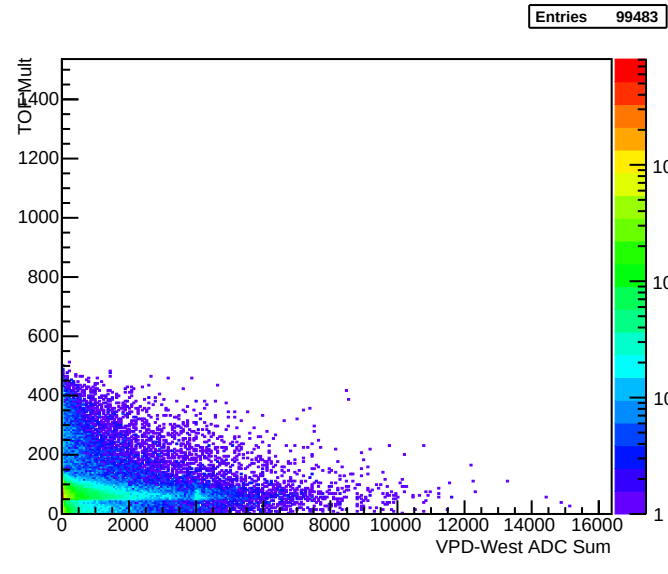

Entries 99483
TOF-Mult
BBC-S-East ADC Sum

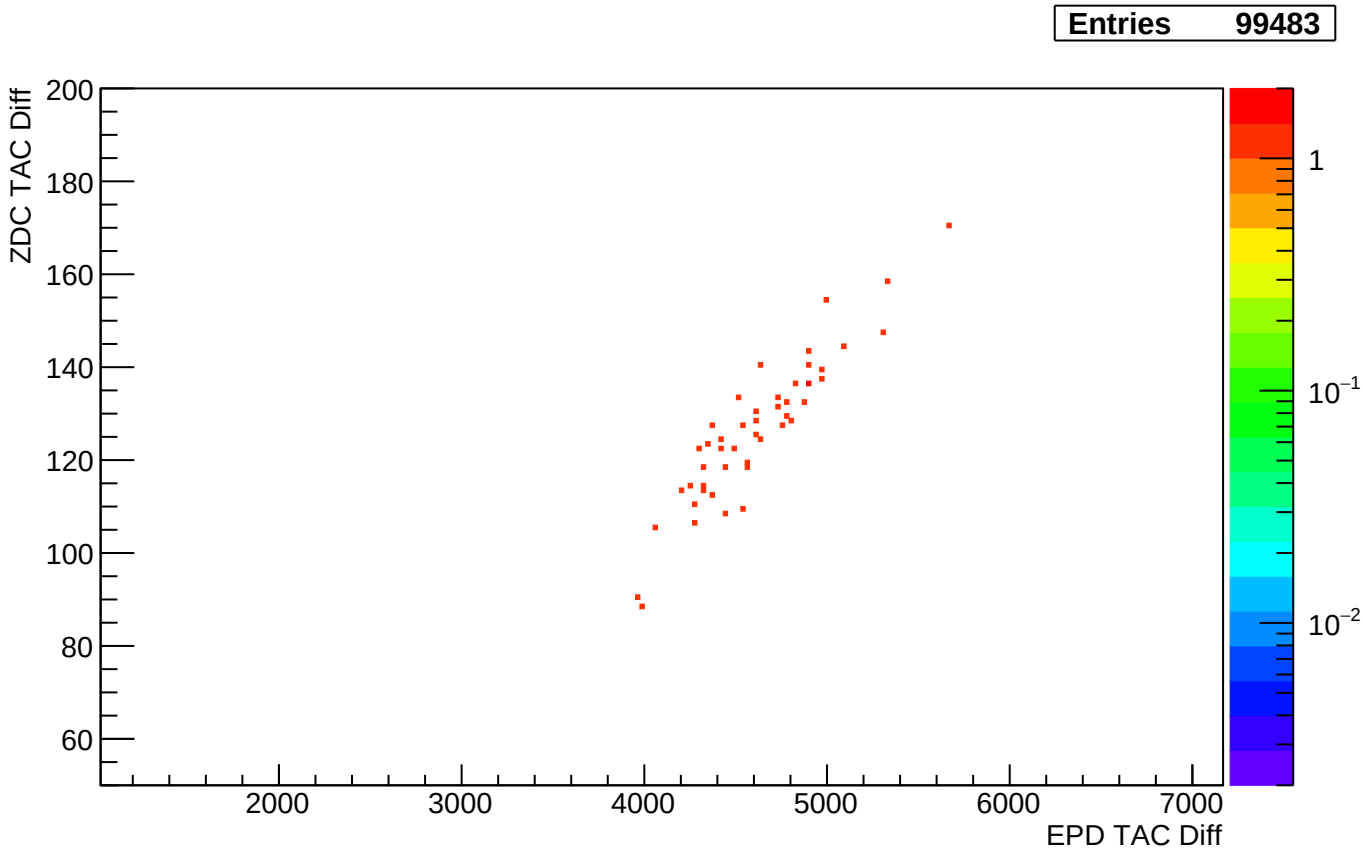

Entries 99483
TOF-Mult
BBC-S-West ADC Sum

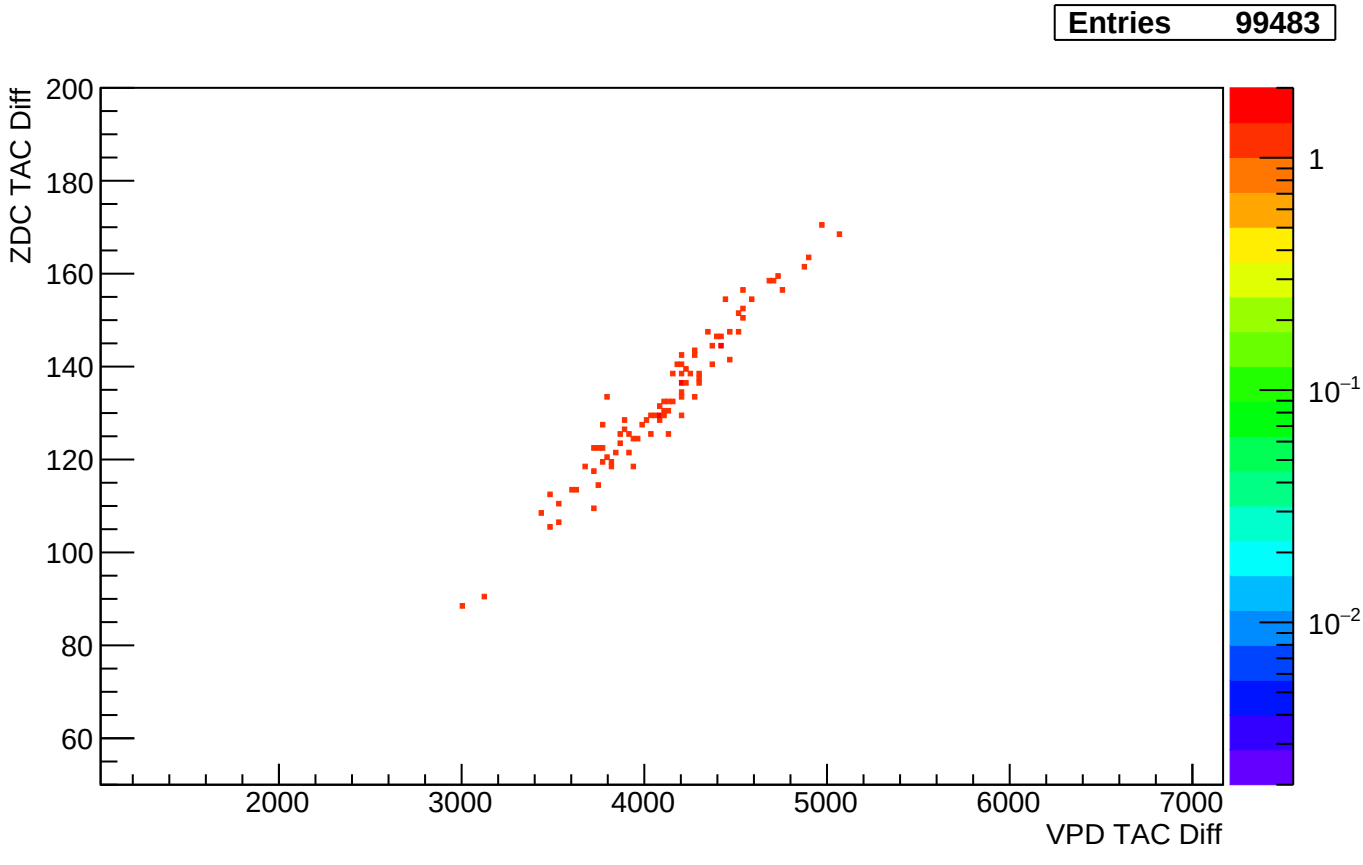

Entries 99483
TOF-Mult
EPD-East Hit Cnt

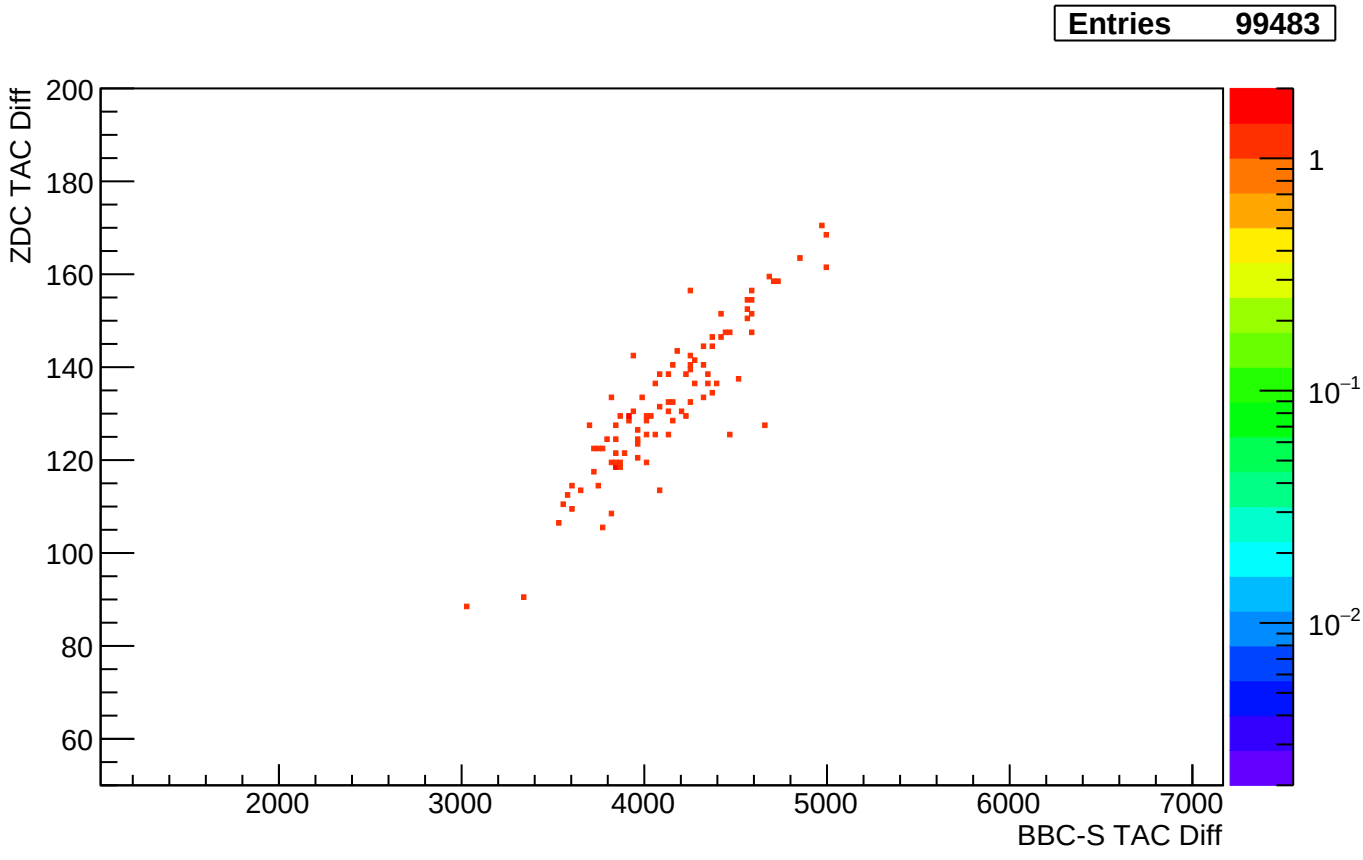

Entries 99483
TOF-Mult
EPD-West Hit Cnt

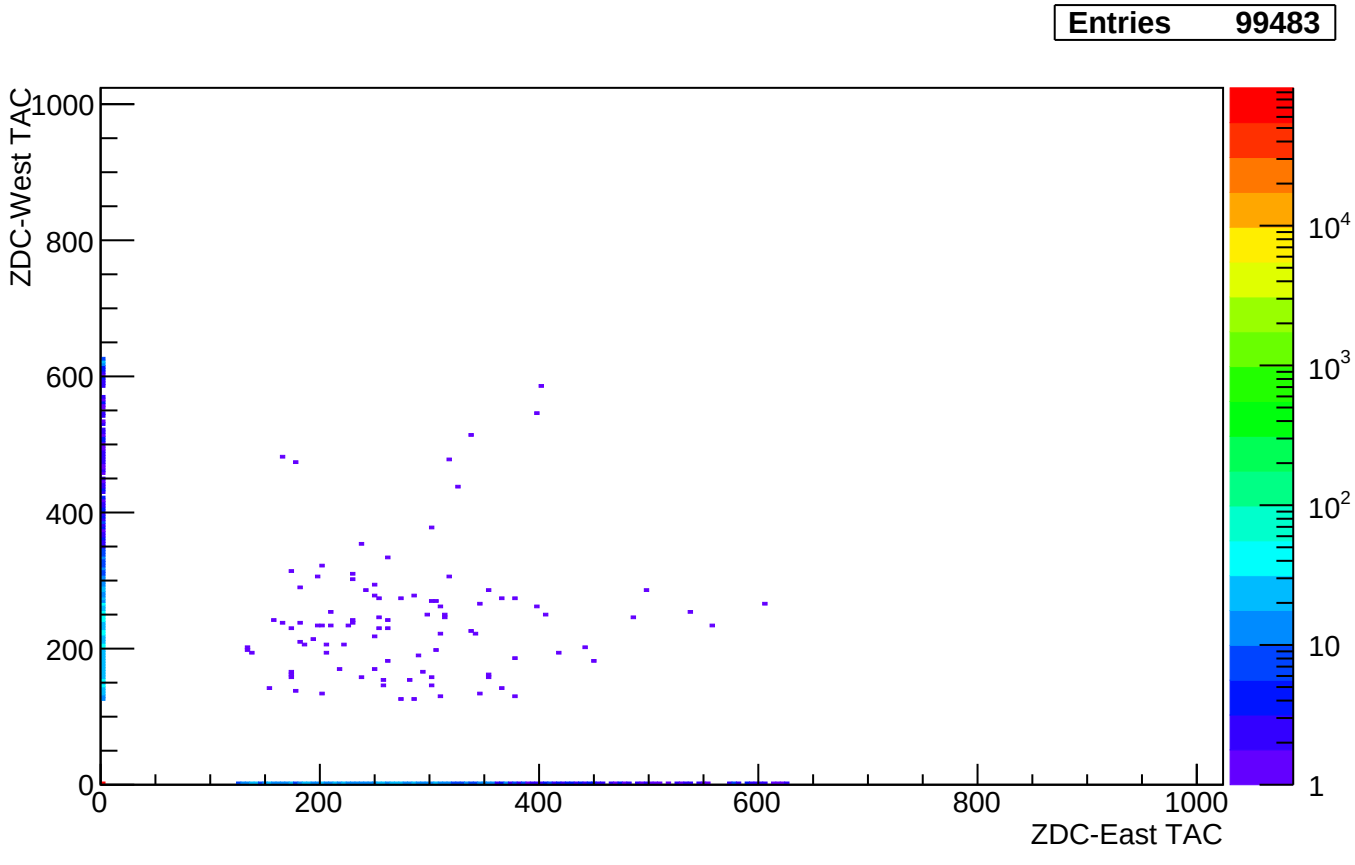

Entries 99483
TOF-Mult
VPD-East ADC Sum

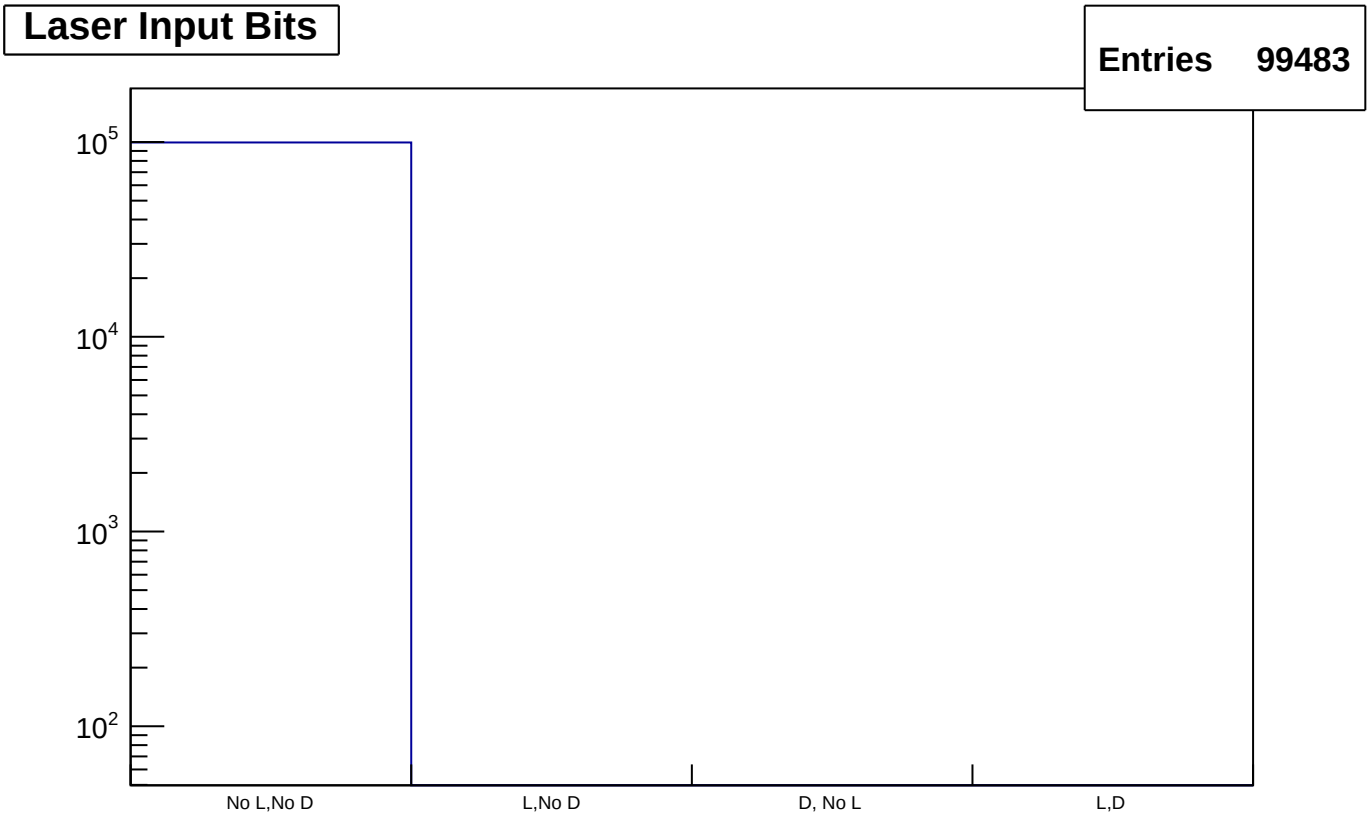

Entries 99483
TOF-Mult
VPD-West ADC Sum

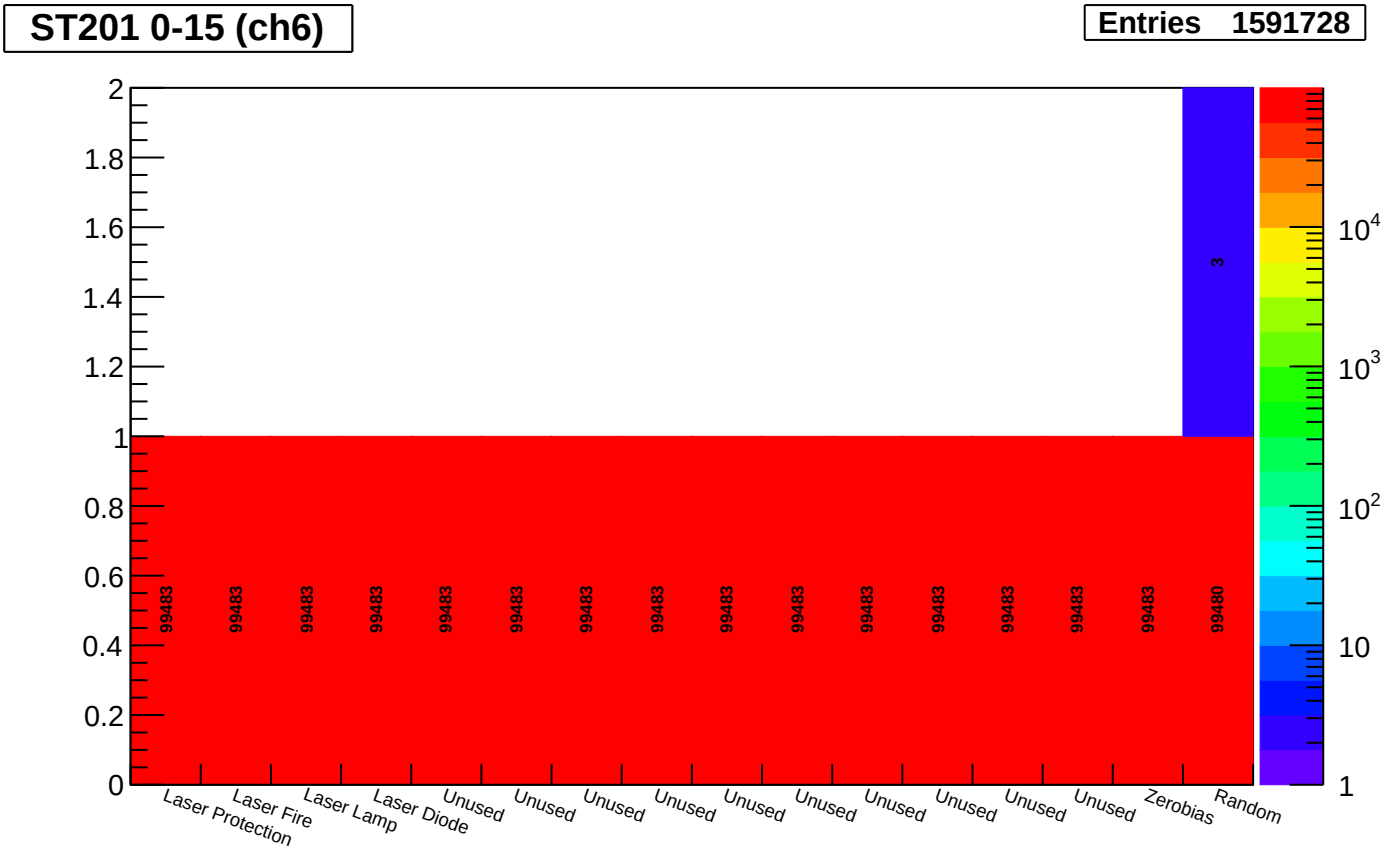

Entries 99483
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

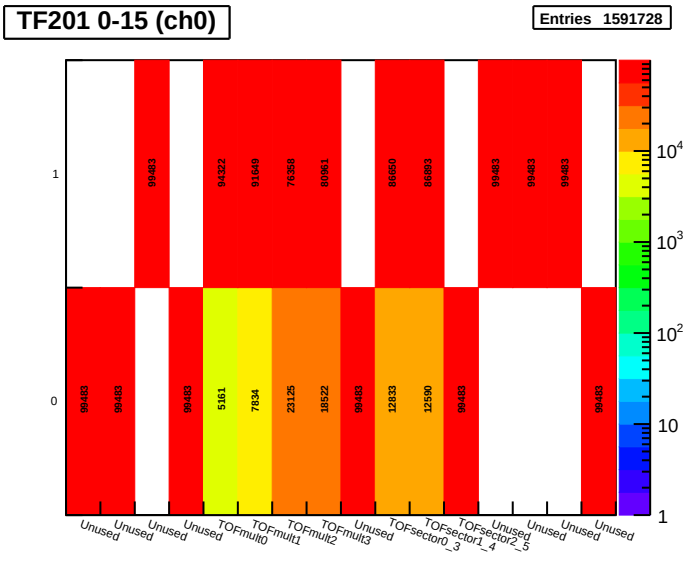

Entries 99483
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

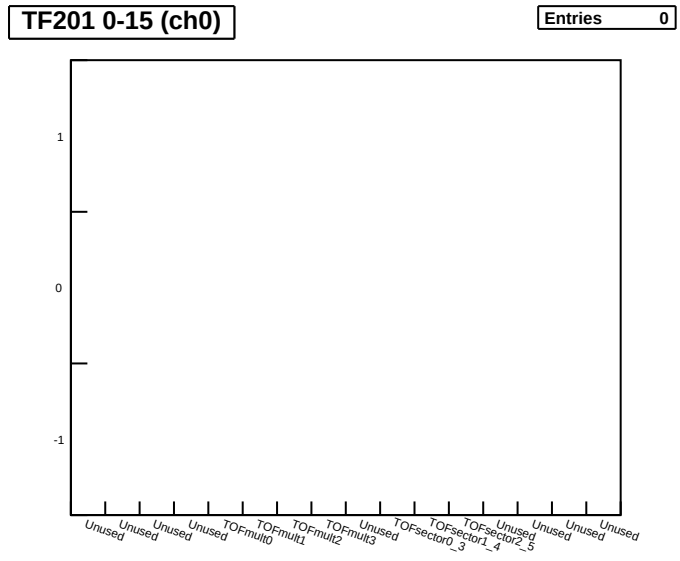

Entries 99483
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

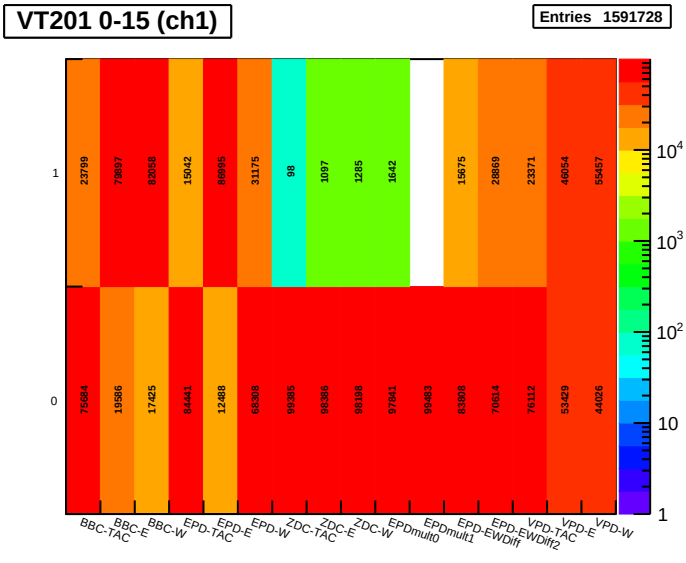

Entries 99483
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

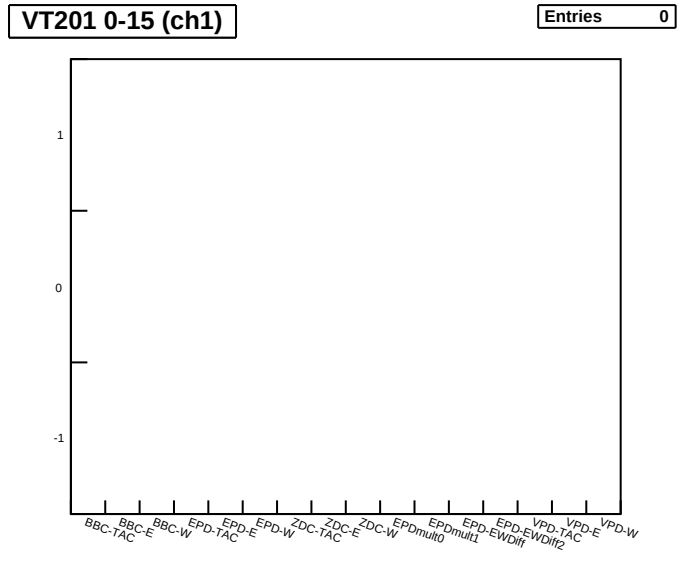

Laser Input Bits
Entries 99483
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

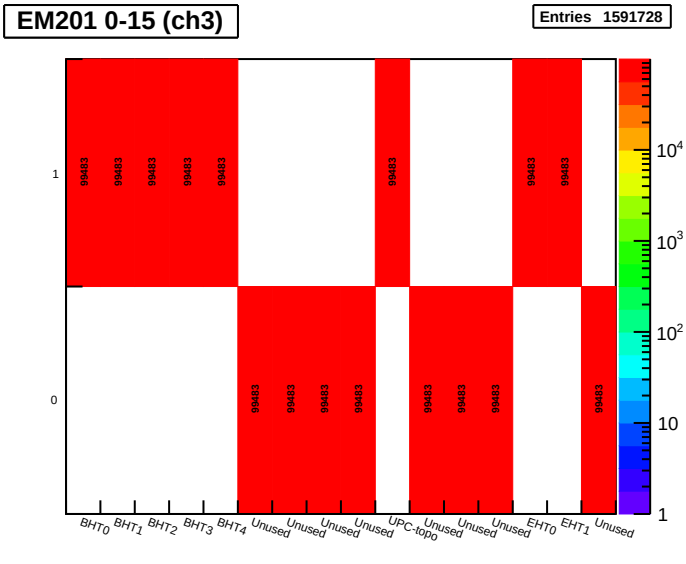

ST201 0-15 (ch6)
Entries 1591728
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
99483
99480
3
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

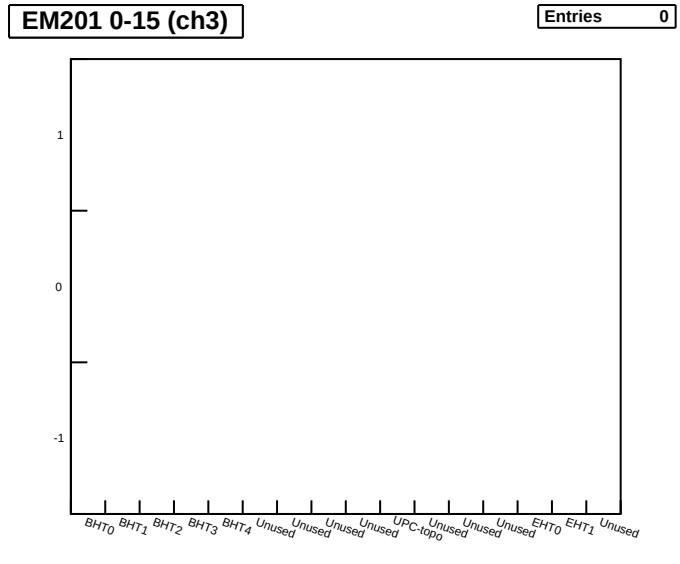

TF201 0-15 (ch0)
Entries 1591728
1
0
99483
94322
91649
76358
80961
86650
86893
99483
99483
99483
99483
99483
5161
7834
23125
18522
99483
12833
12590
99483
99483
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 1591728
1
0
23799
78897
82058
15042
80895
31175
98
1097
1285
1642
15675
28869
23371
46054
55457
75684
19586
17425
84441
12488
68308
99305
98386
98198
97841
99483
83008
70614
76112
53429
44026
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 1591728
1
0
99483
99483
99483
99483
99483
99483
99483
99483
99483
99483
99483
99483
99483
99483
99483
99483
99483
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^4
10^3
10^2
10
1


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