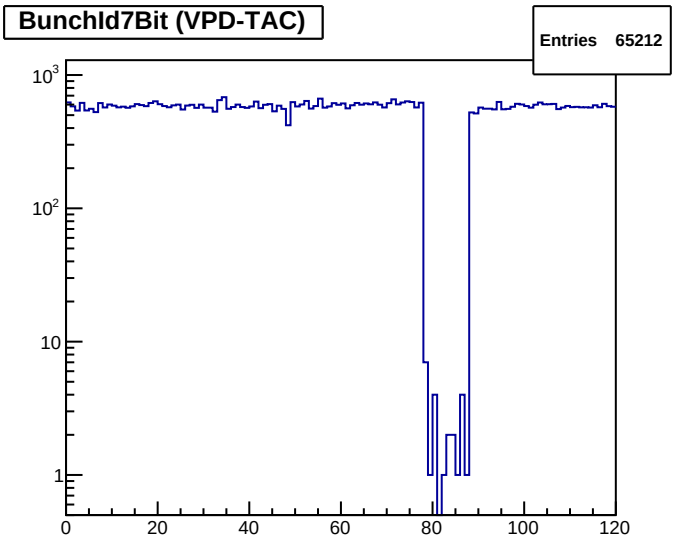
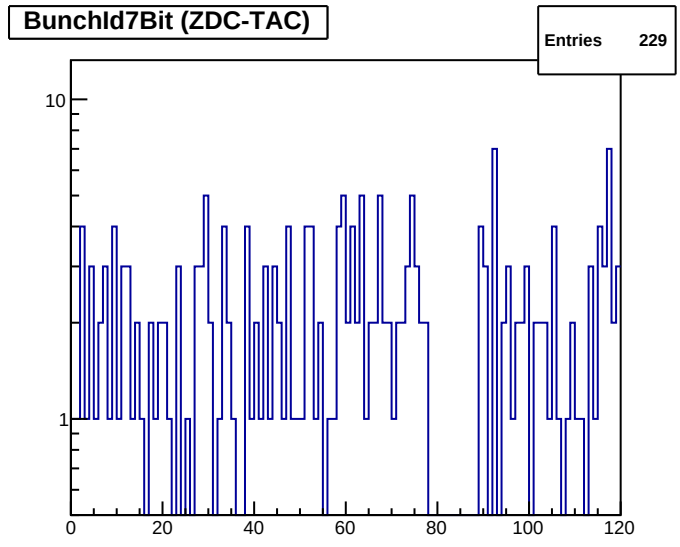
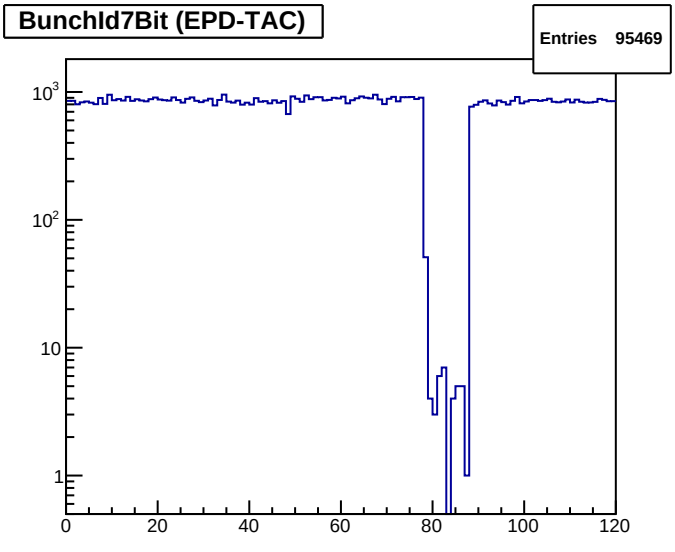
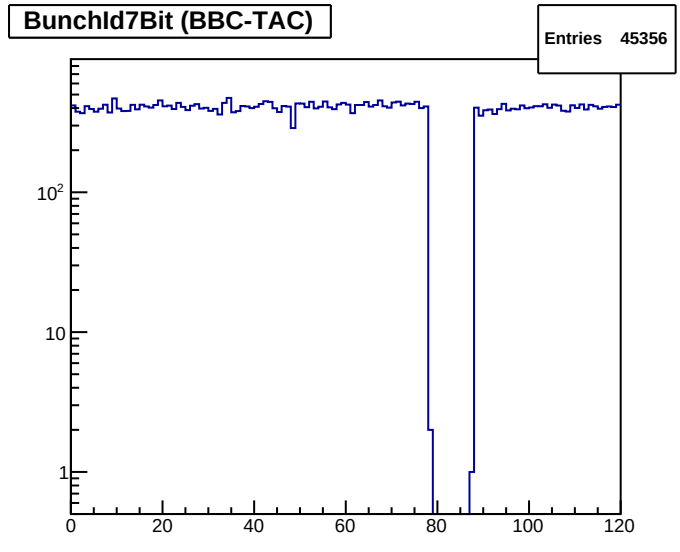
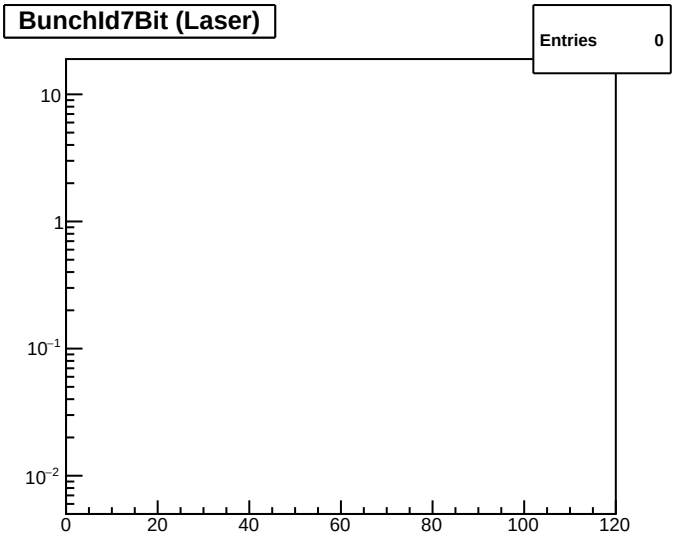
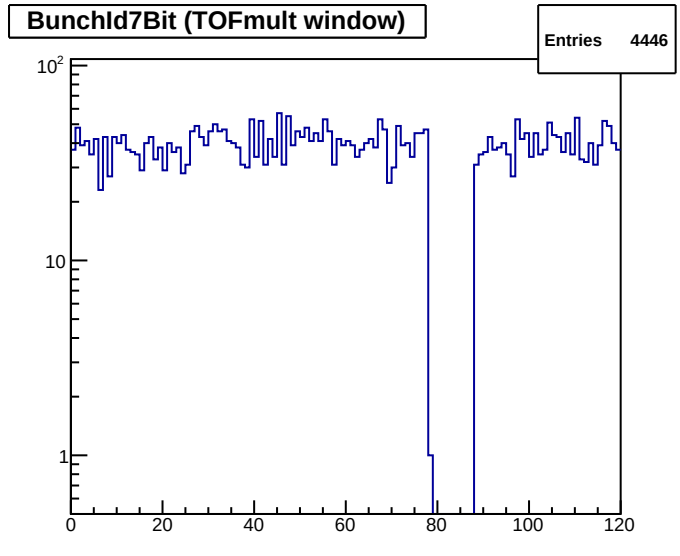

BunchId7Bit (VPD-TAC)
Entries 65212

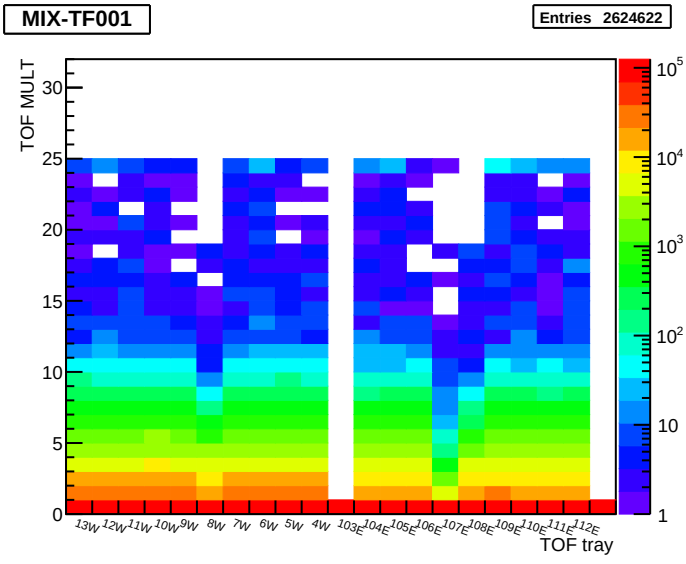

BunchId7Bit (ZDC-TAC)
Entries 229

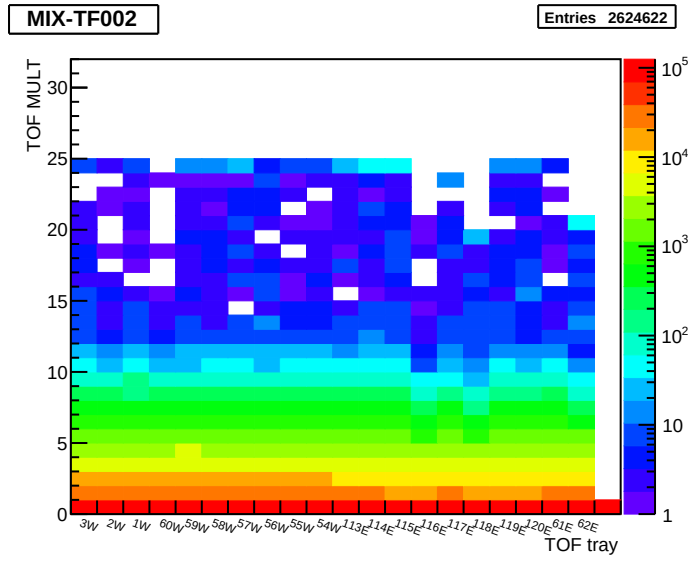

BunchId7Bit (EPD-TAC)
Entries 95469

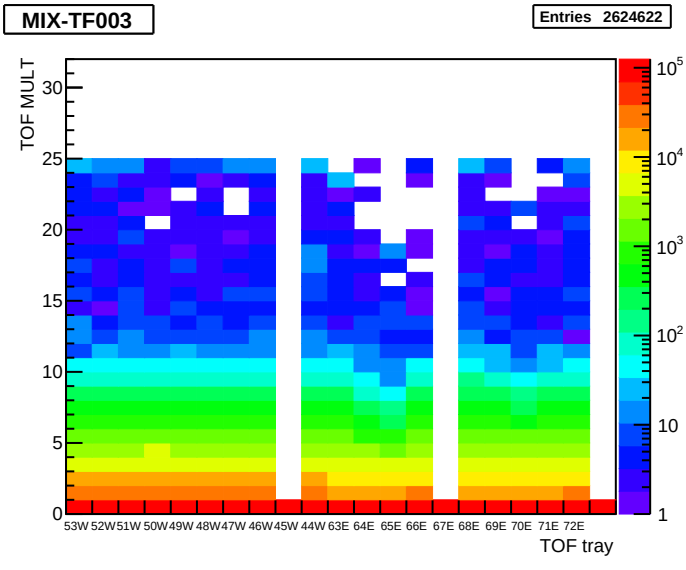

BunchId7Bit (BBC-TAC)
Entries 45356

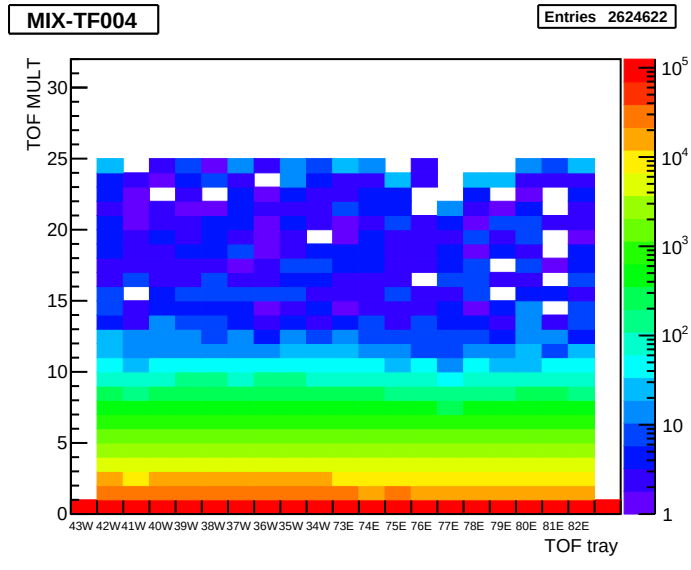

BunchId7Bit (Laser)
Entries 0

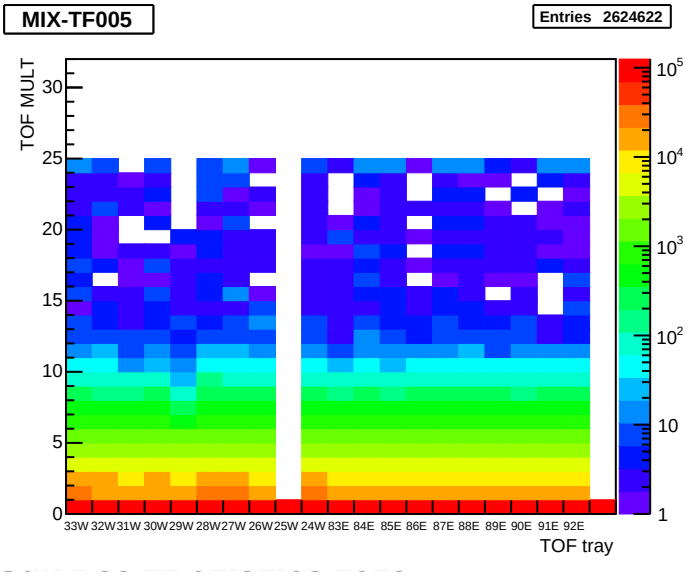

BunchId7Bit (TOFmult window)
Entries 4446

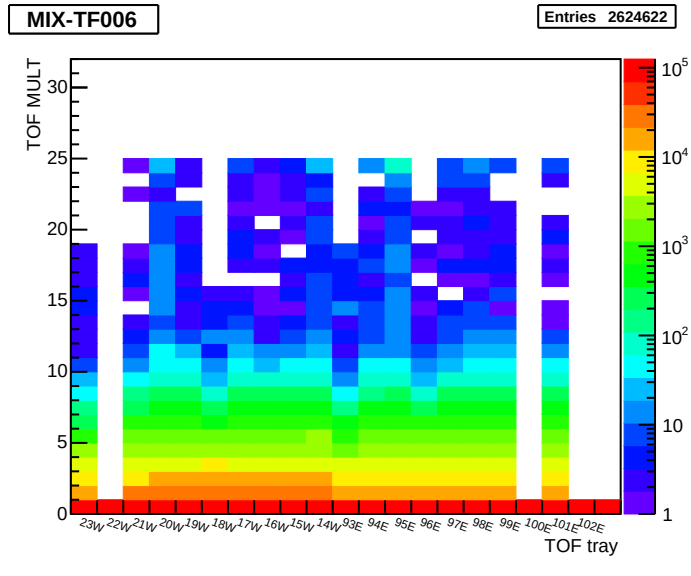

MIX-TF001
Entries 2624622
TOF MULT
TOF tray

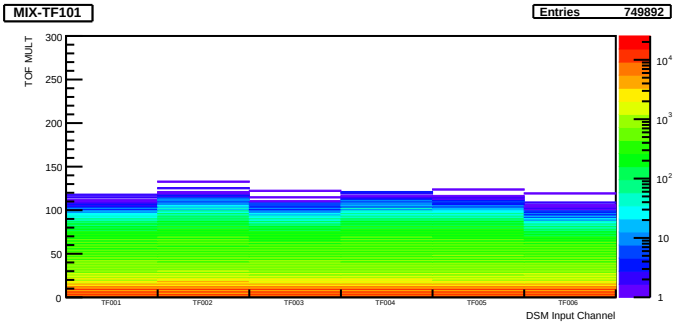

MIX-TF002
Entries 2624622
TOF MULT
TOF tray

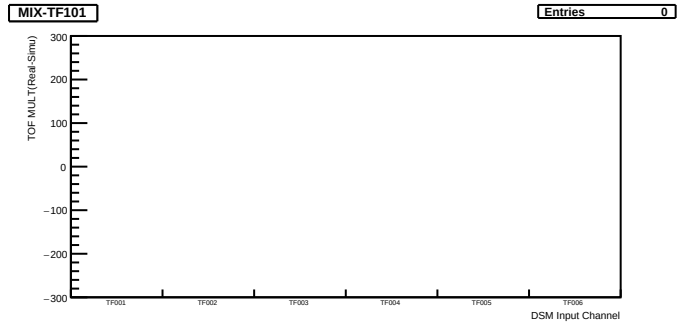

MIX-TF003
Entries 2624622
TOF MULT
TOF tray

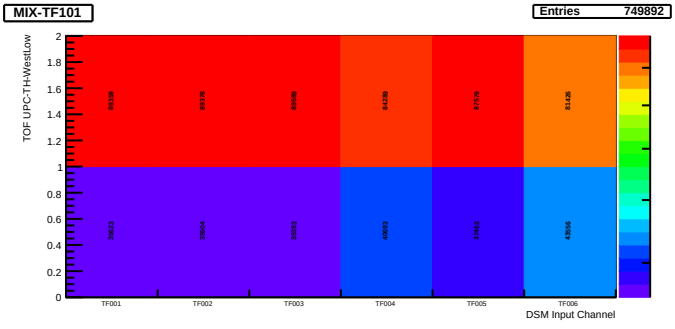

MIX-TF004
Entries 2624622
TOF MULT
TOF tray

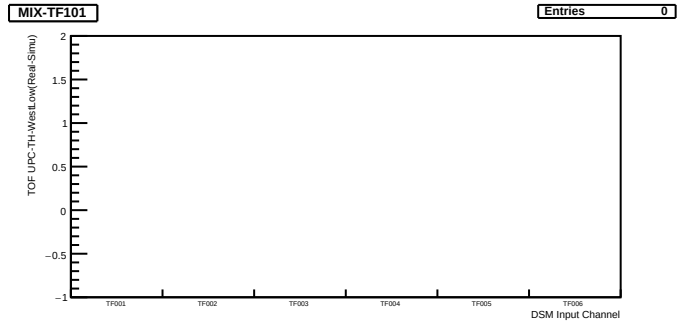

MIX-TF005
Entries 2624622
TOF MULT
TOF tray

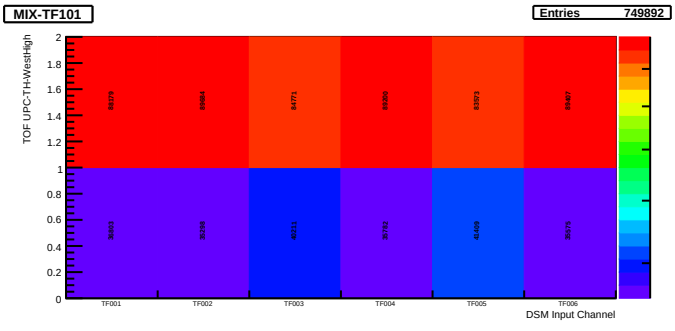

MIX-TF006
Entries 2624622
TOF MULT
TOF tray

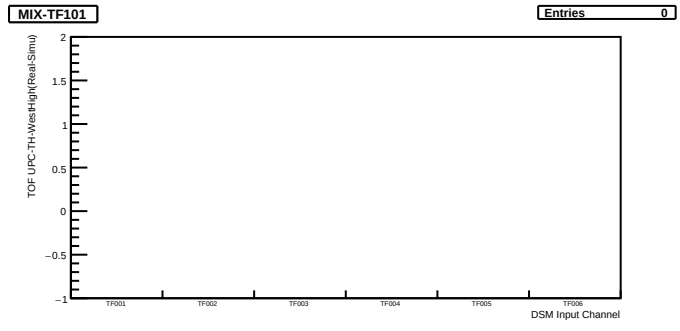

MIX-TF101
Entries 749892
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

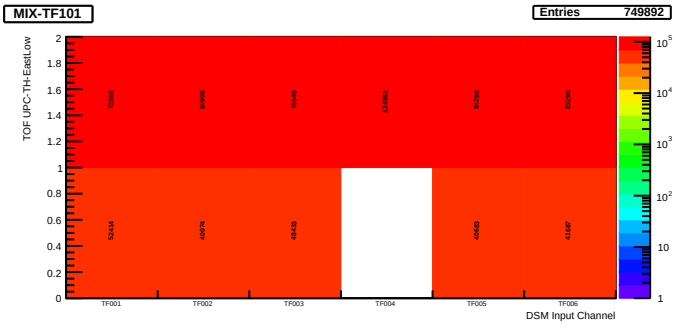

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

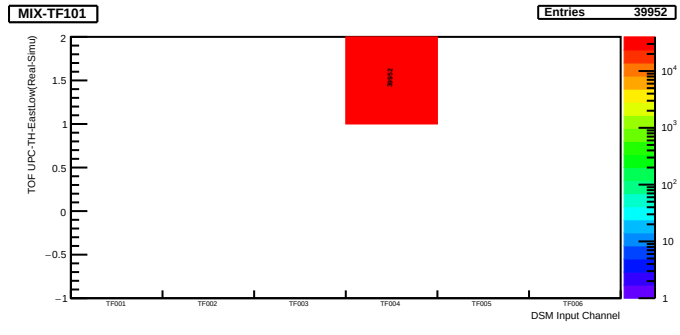

MIX-TF101
Entries 749892
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

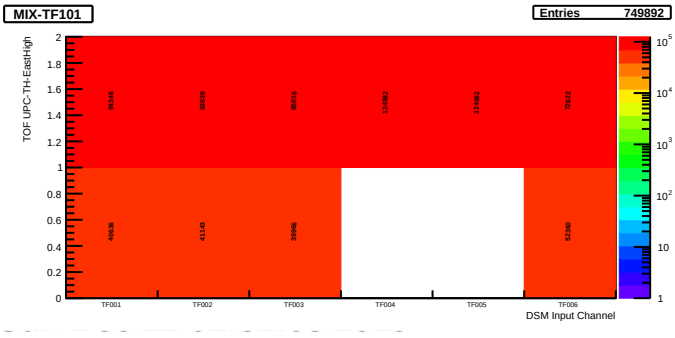

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

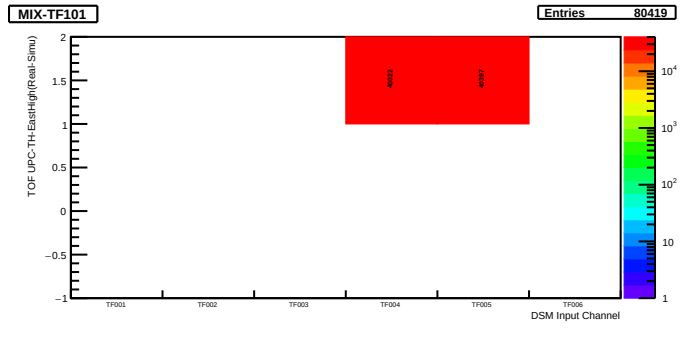

MIX-TF101
Entries 749892
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

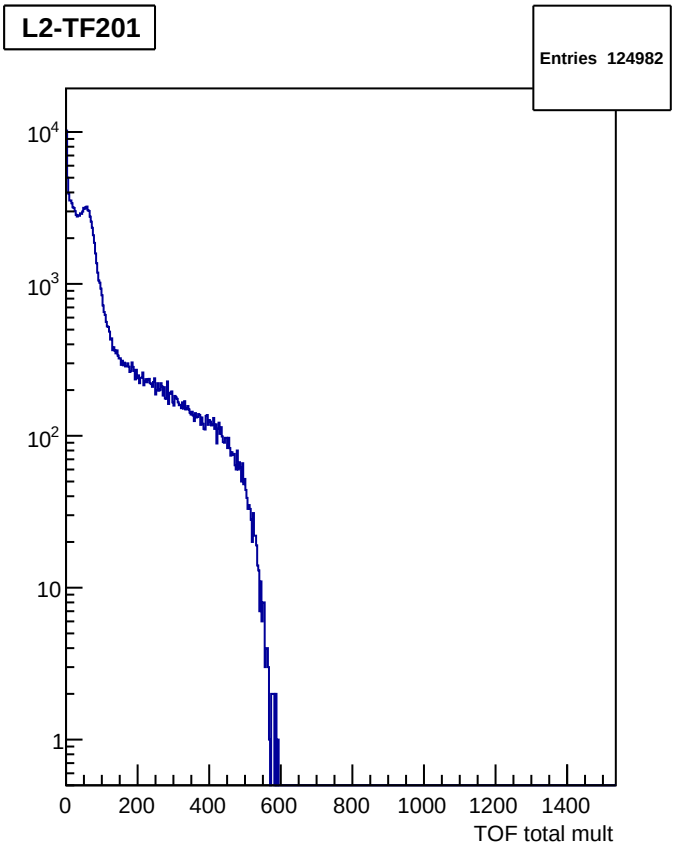

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

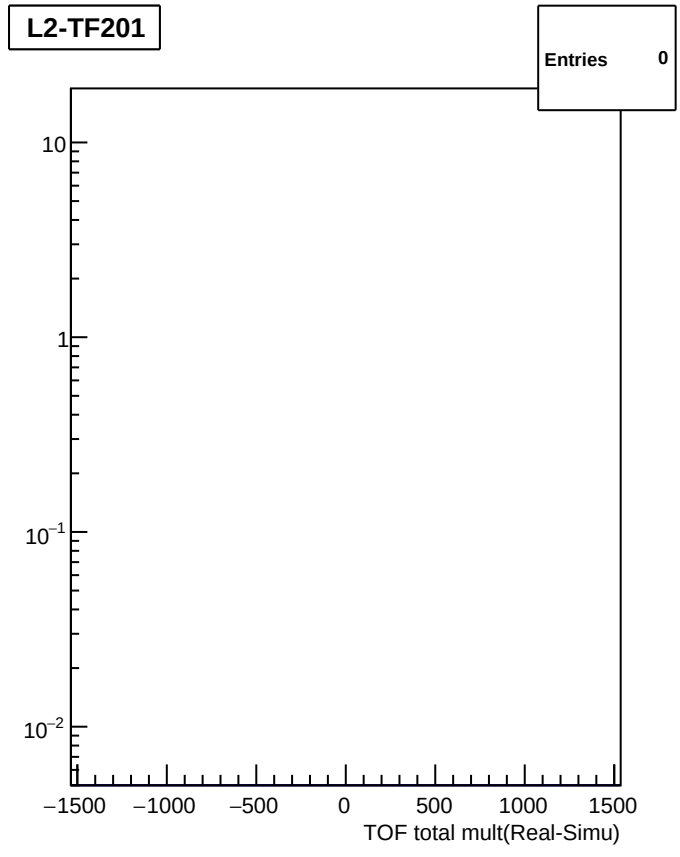

MIX-TF101
Entries 749892
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

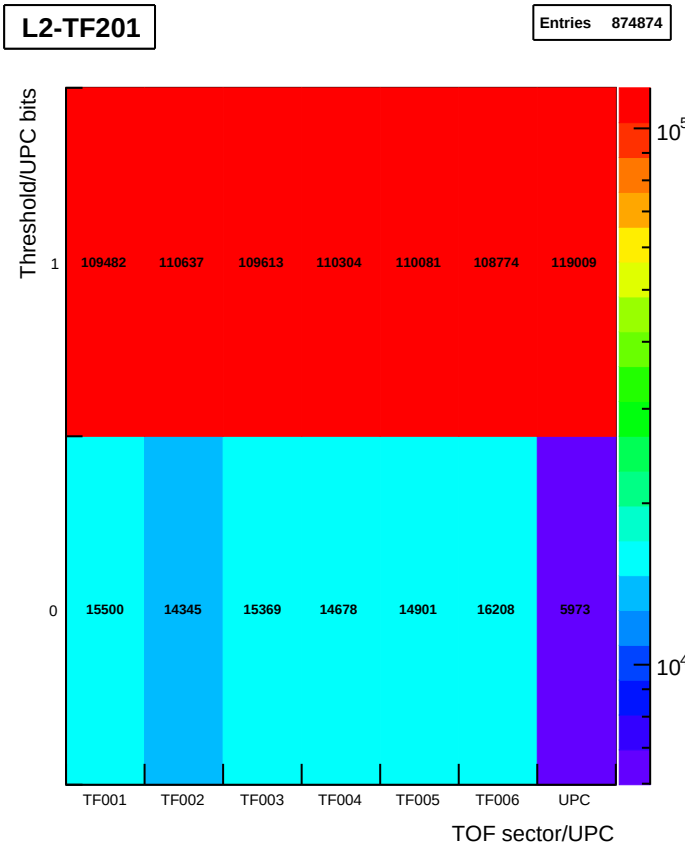

MIX-TF101
Entries 39952
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

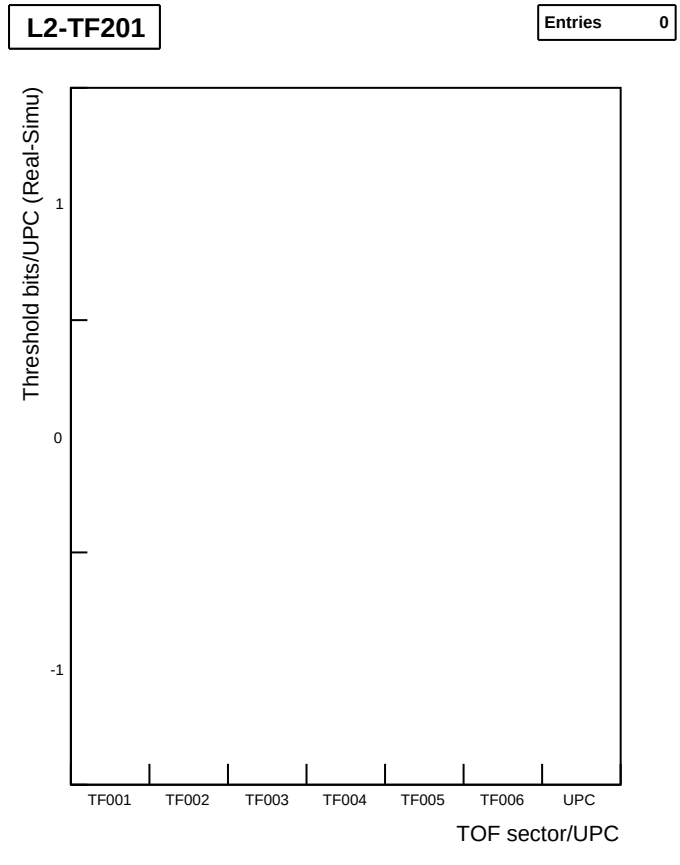

MIX-TF101
Entries 749892
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

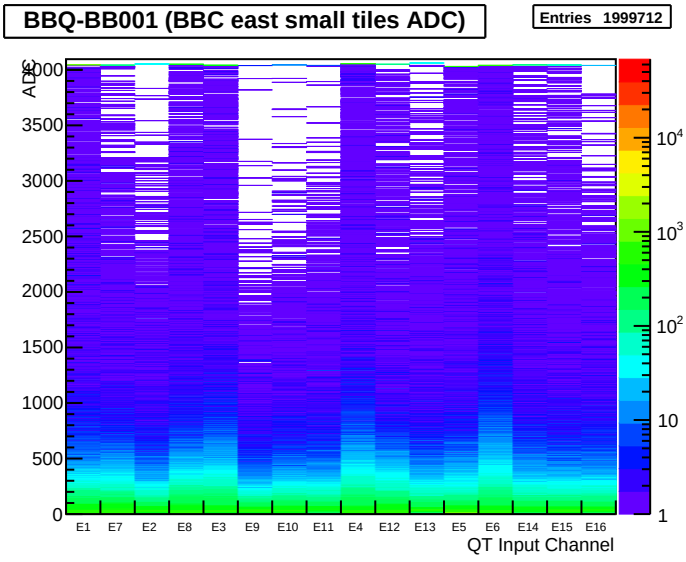

MIX-TF101
Entries 80419
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

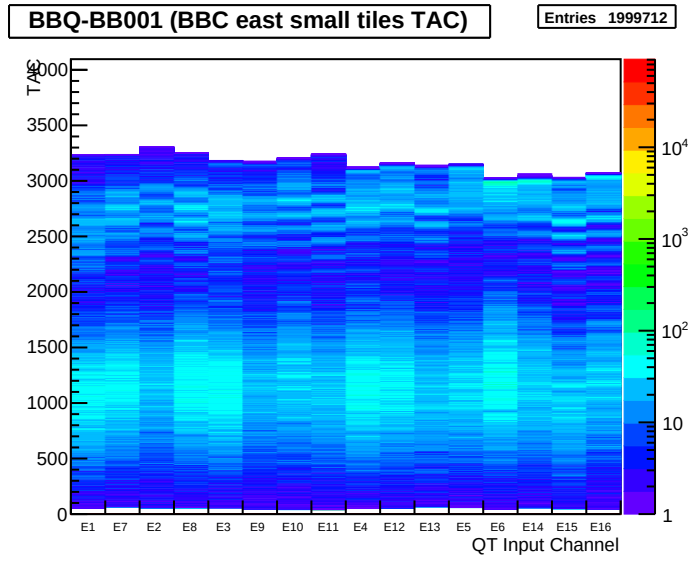

L2-TF201
Entries 124982
TOF total mult

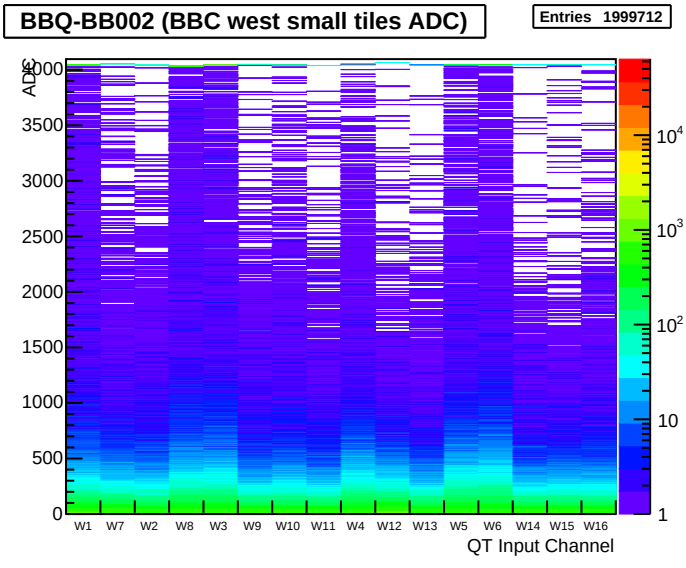

L2-TF201
Entries 0
TOF total mult(Real-Simu)

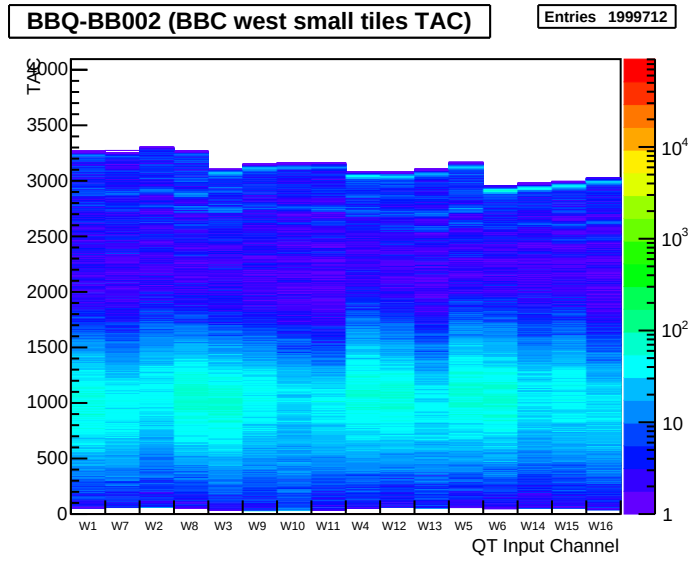

L2-TF201
Entries 874874
Threshold/UPC bits
109482
110637
109613
110304
110081
108774
119009
15500
14345
15369
14678
14901
16208
5973
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

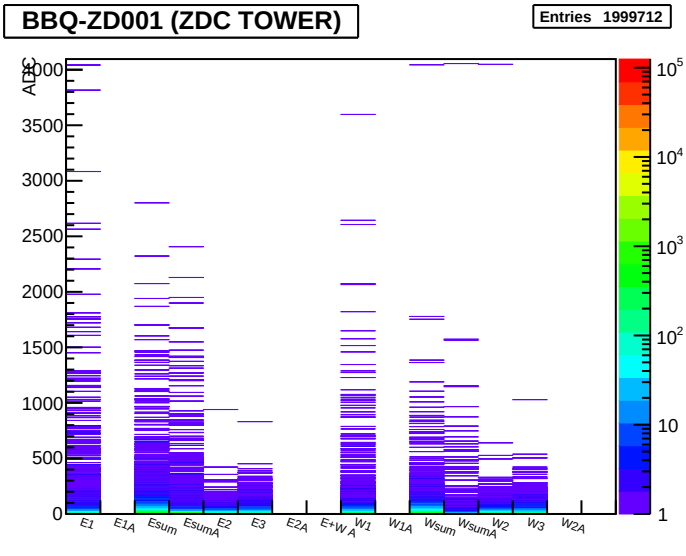

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

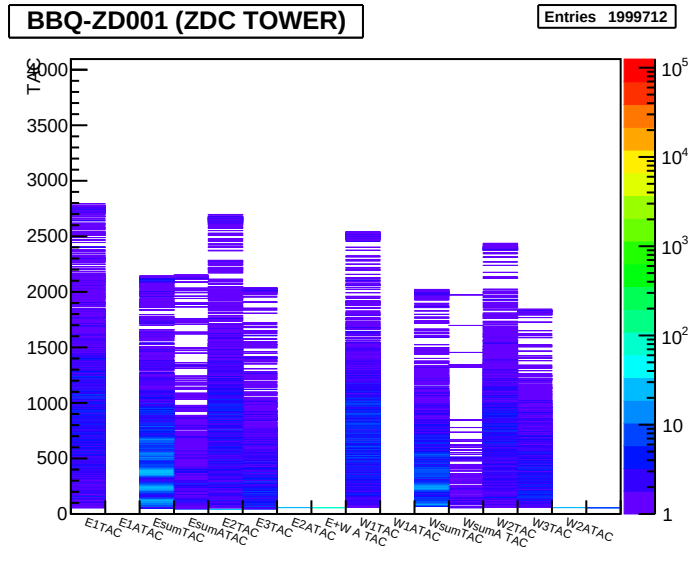

BBQ-BB001 (BBC east small tiles ADC)
Entries 1999712
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

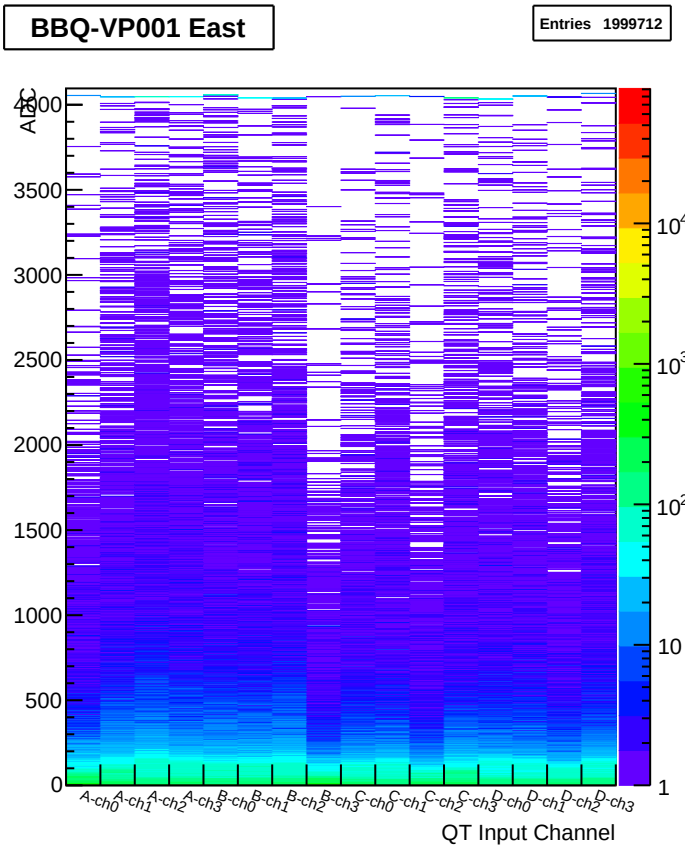

BBQ-BB001 (BBC east small tiles TAC)
Entries 1999712
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

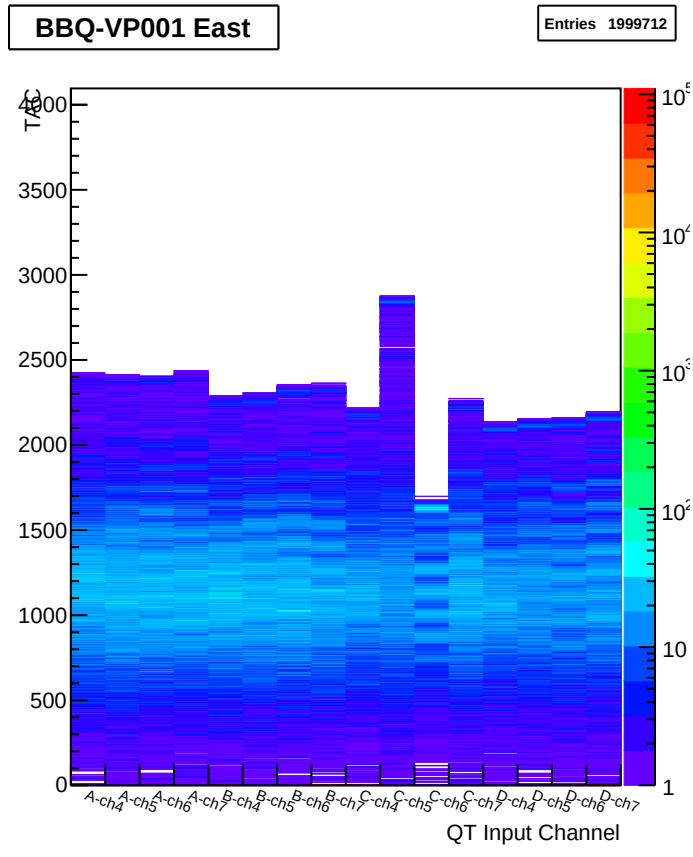

BBQ-BB002 (BBC west small tiles ADC)
Entries 1999712
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

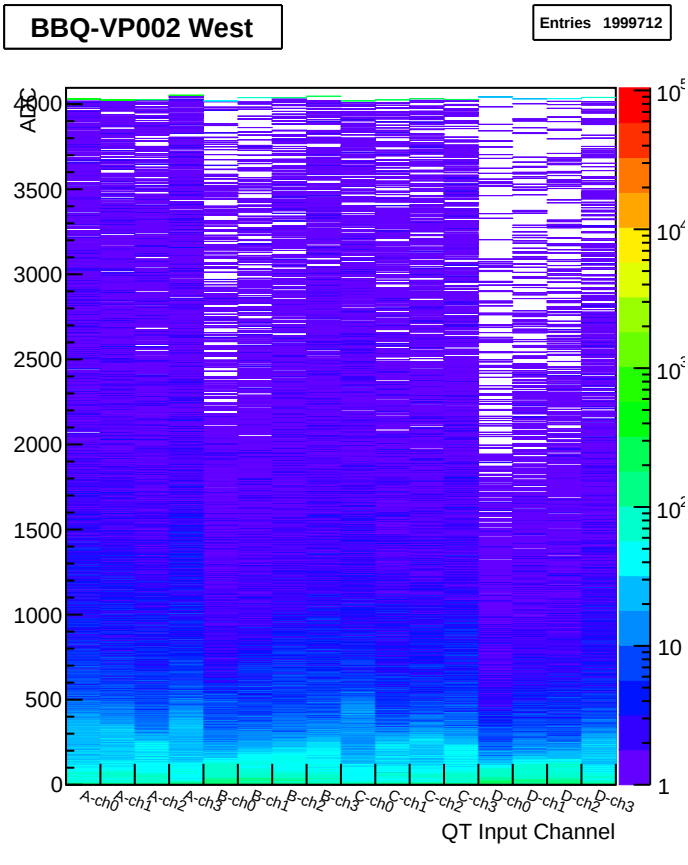

BBQ-BB002 (BBC west small tiles TAC)
Entries 1999712
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

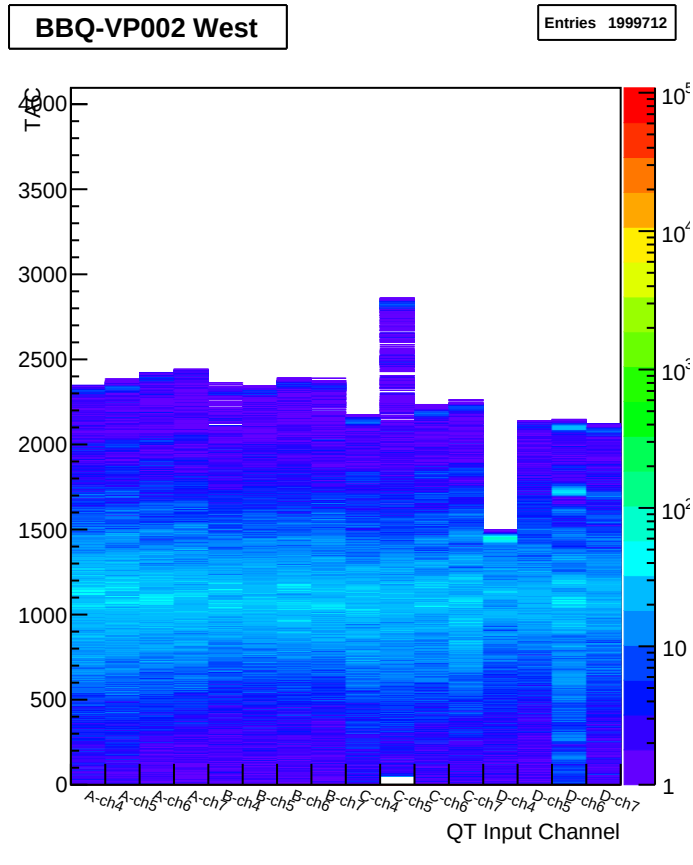

BBQ-ZD001 (ZDC TOWER)
Entries 1999712
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

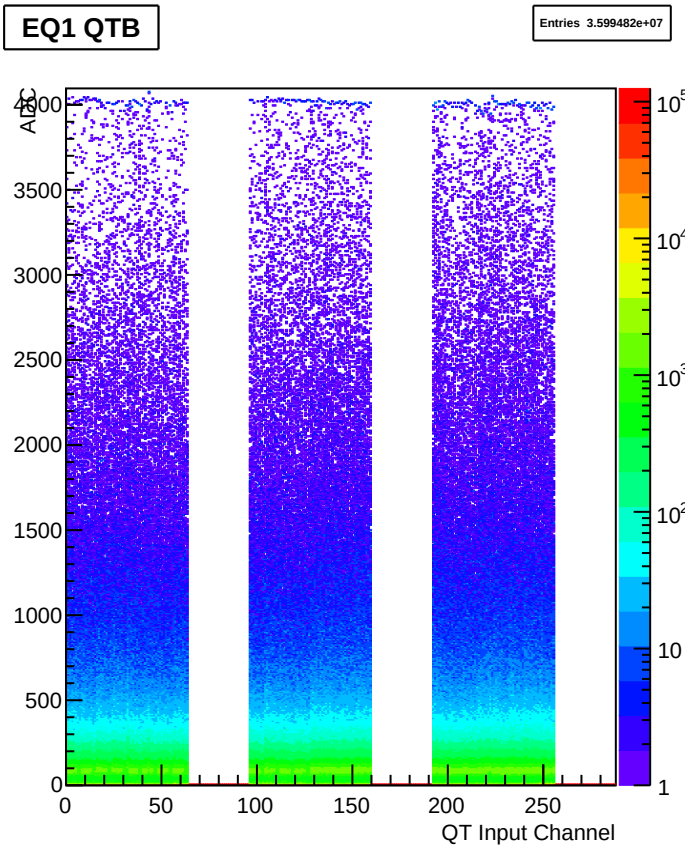

BBQ-ZD001 (ZDC TOWER)
Entries 1999712
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

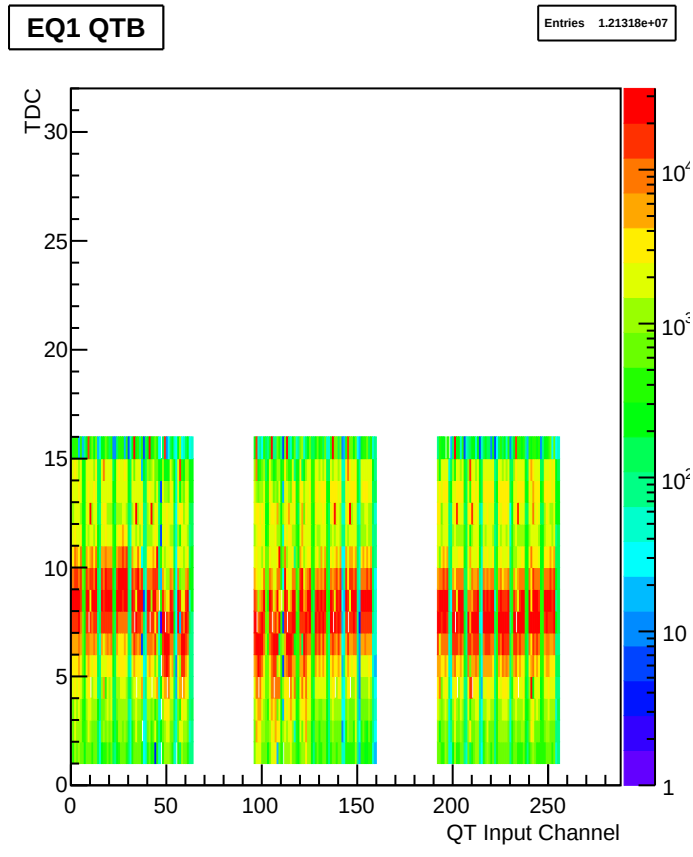

BBQ-VP001 East
Entries 1999712
ADC
QT Input Channel

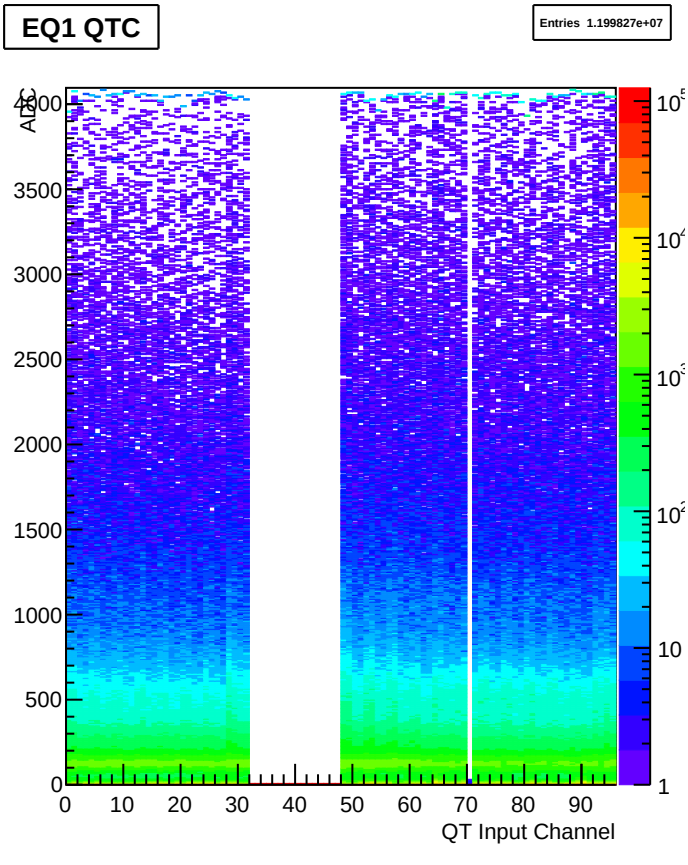

BBQ-VP001 East
Entries 1999712
ADC
QT Input Channel

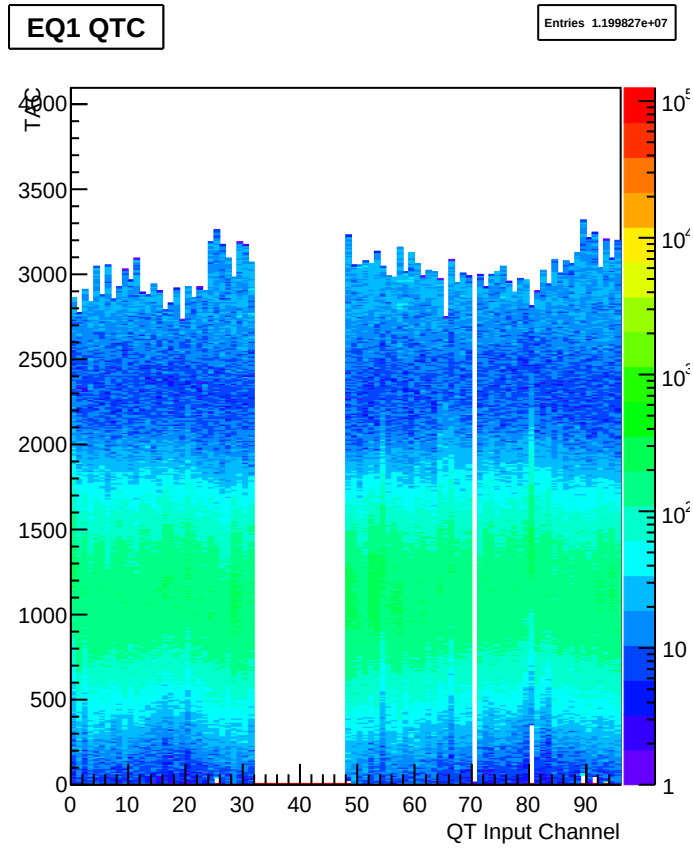

BBQ-VP002 West
Entries 1999712
ADC
QT Input Channel

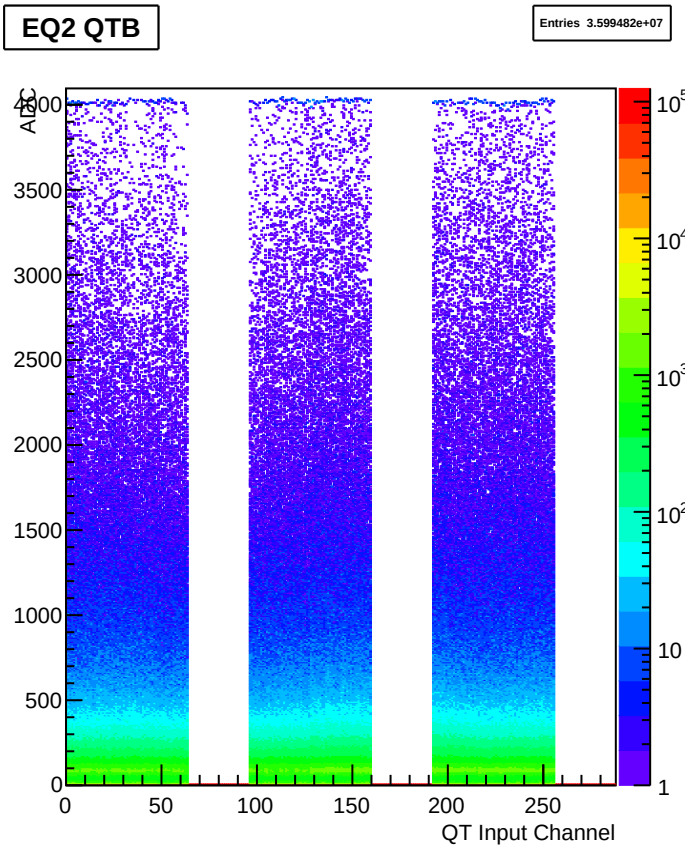

BBQ-VP002 West
Entries 1999712
ADC
QT Input Channel

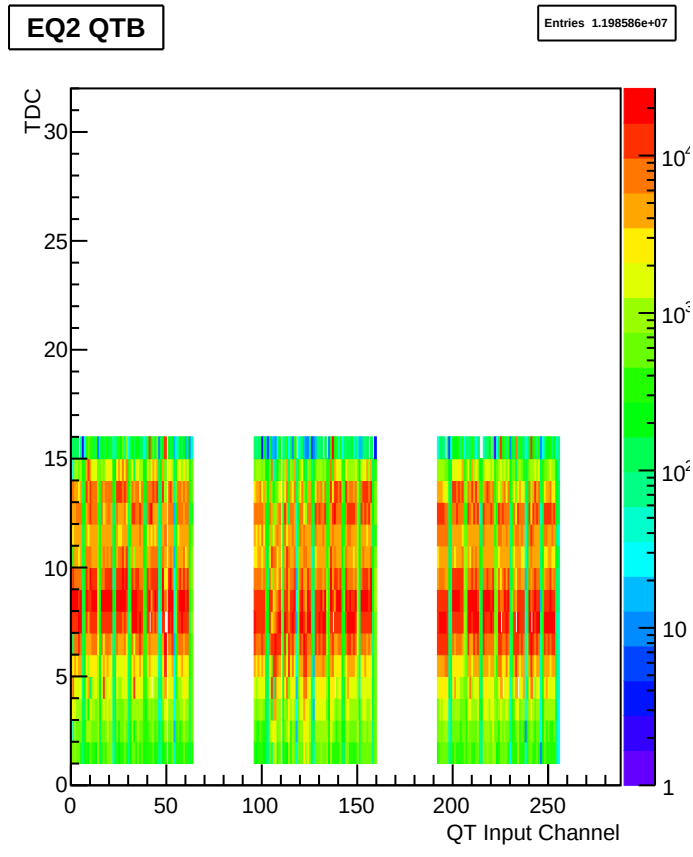

EQ1 QTB
Entries 3.599482e+07
ADC
QT Input Channel

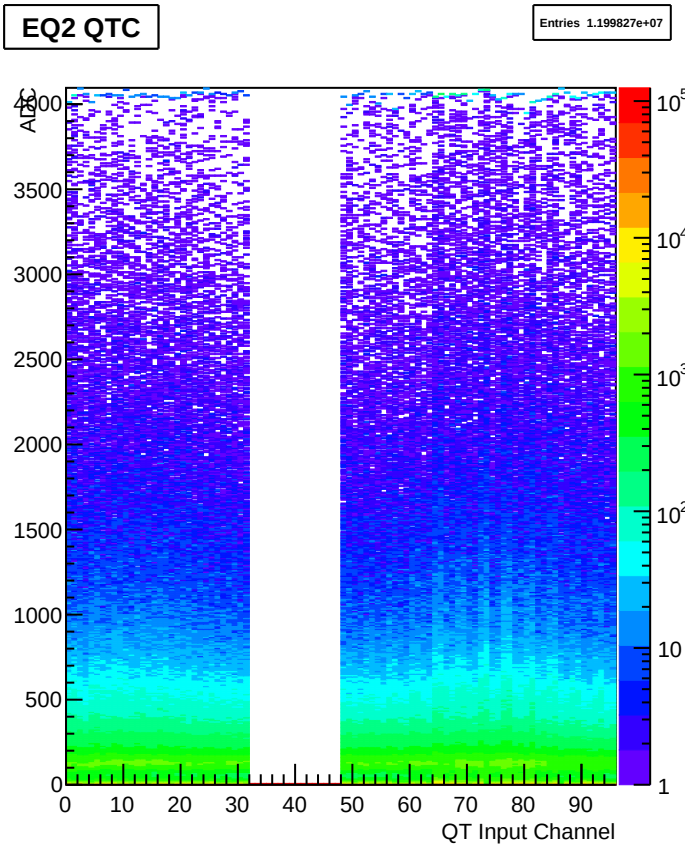

EQ1 QTB
Entries 1.21318e+07
TDC
QT Input Channel

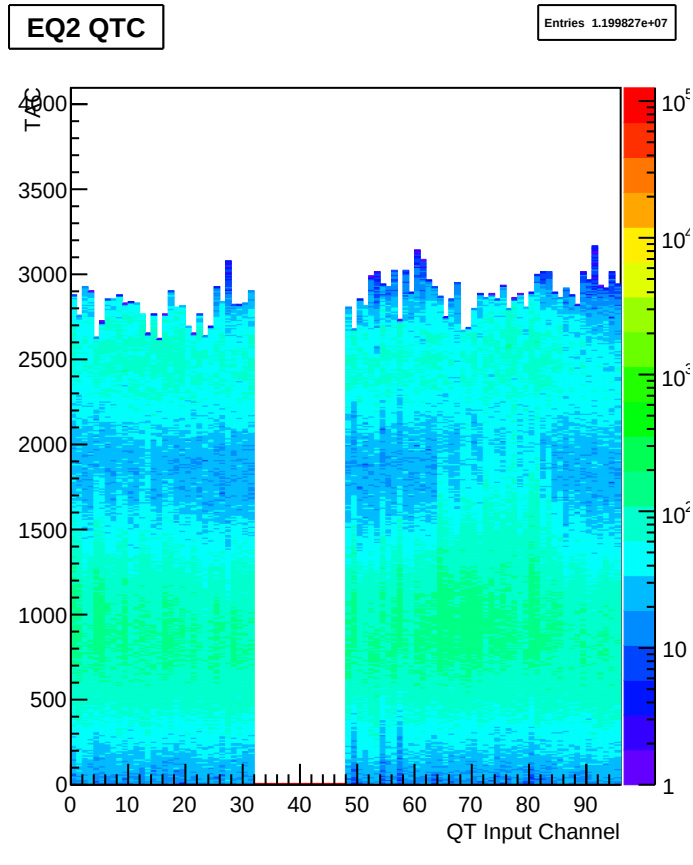

EQ1 QTC
Entries 1.199827e+07
ADC
QT Input Channel

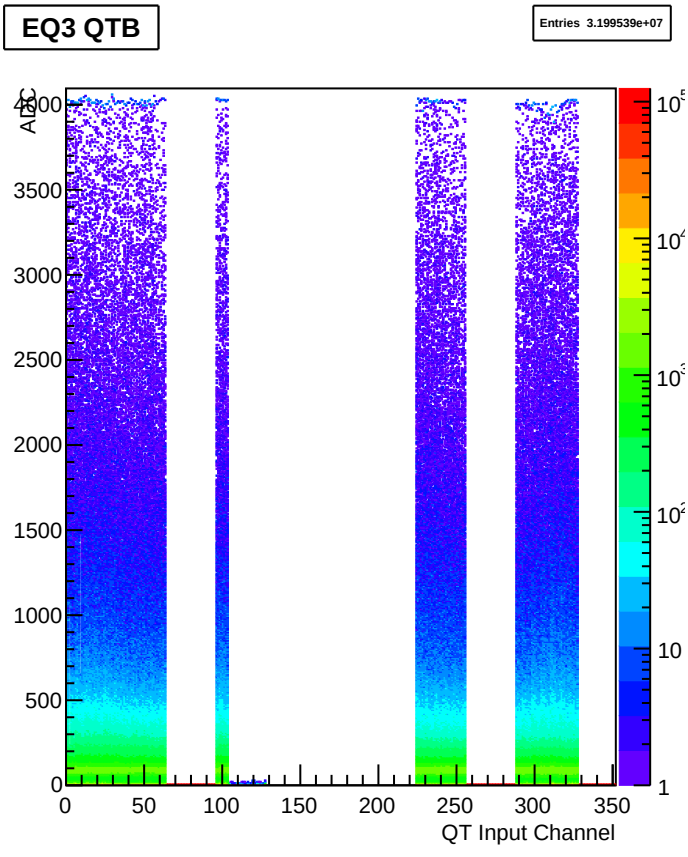

EQ1 QTC
Entries 1.199827e+07
TADC
QT Input Channel

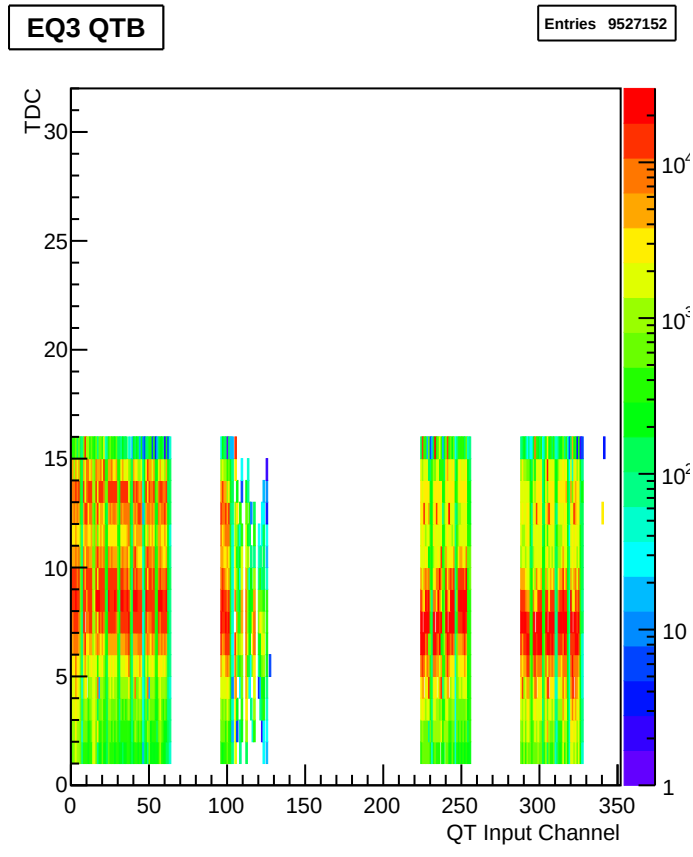

EQ2 QTB
Entries 3.599482e+07
ADC
QT Input Channel

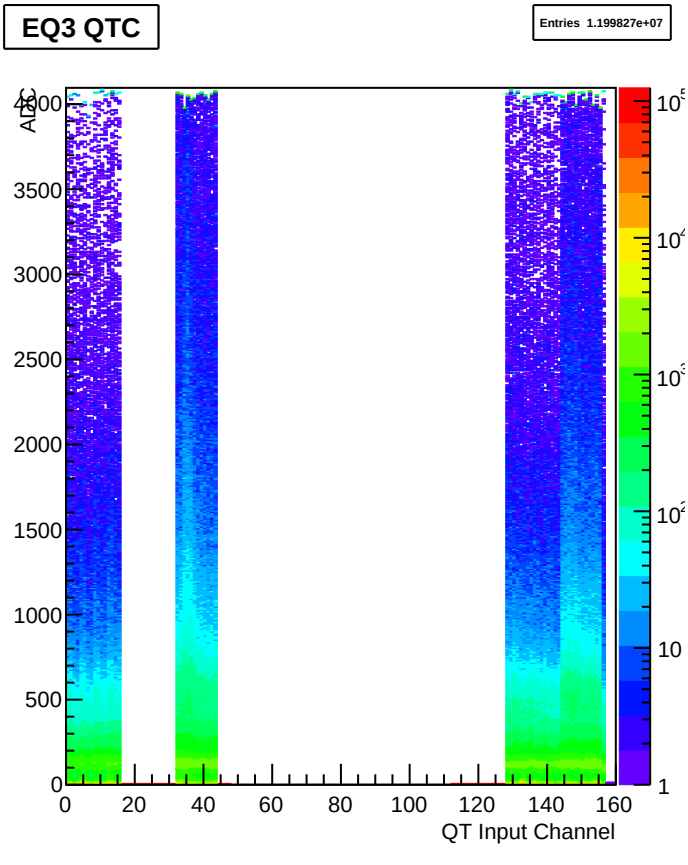

EQ2 QTB
Entries 1.198586e+07
TDC
QT Input Channel

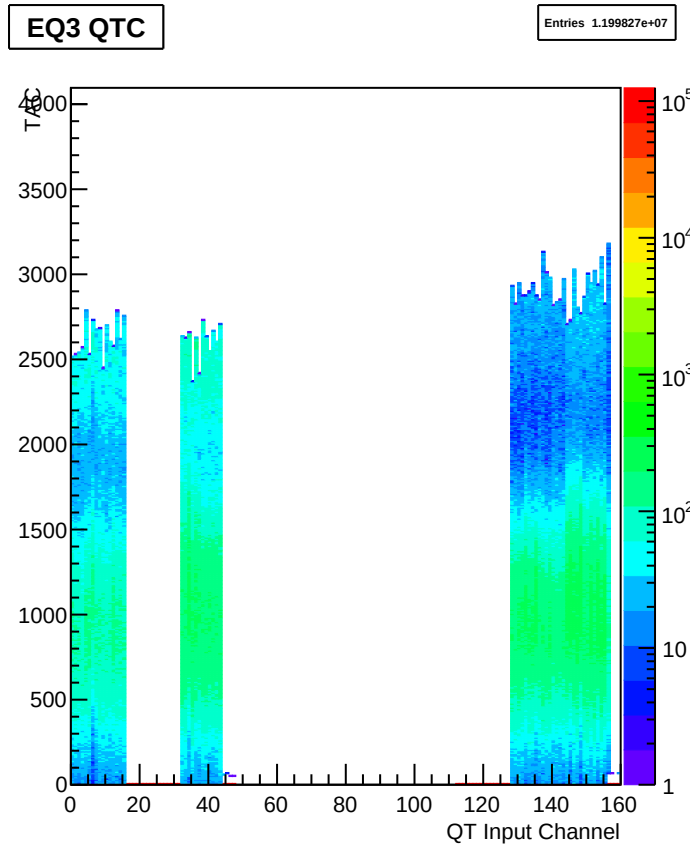

EQ2 QTC
Entries 1.199827e+07
ADC
QT Input Channel

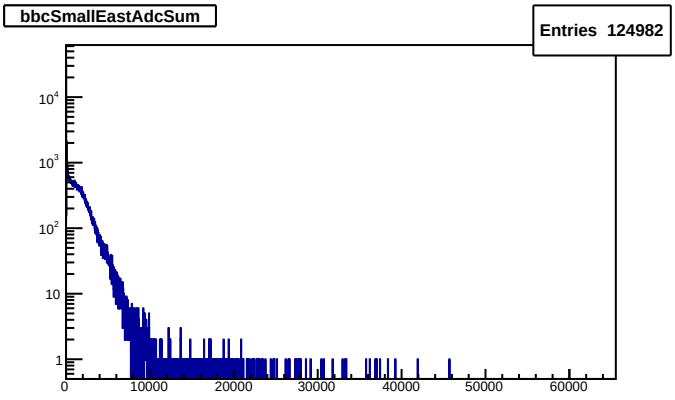

EQ2 QTC
Entries 1.199827e+07
TADC
QT Input Channel

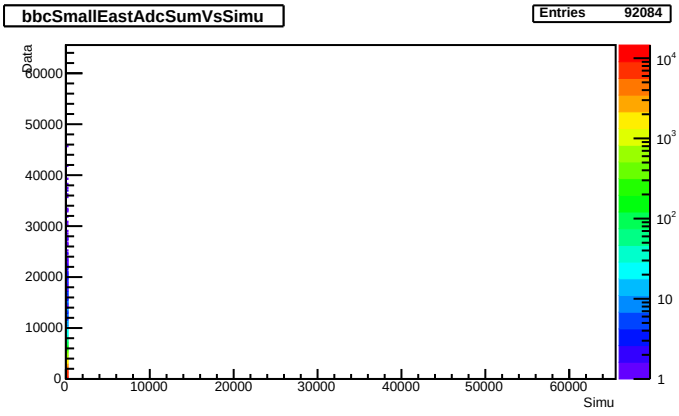

EQ3 QTB
Entries 3.199539e+07
ADC
QT Input Channel

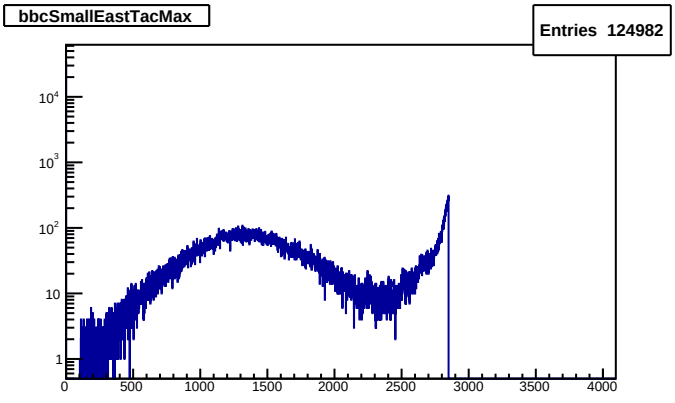

EQ3 QTB
Entries 9527152
TDC
QT Input Channel

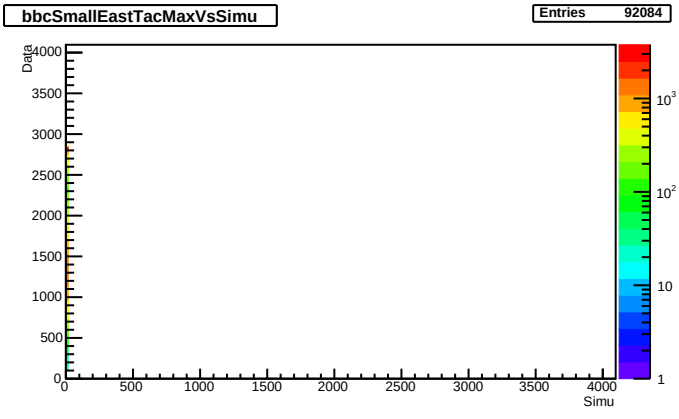

EQ3 QTC
Entries 1.199827e+07
ADC
QT Input Channel

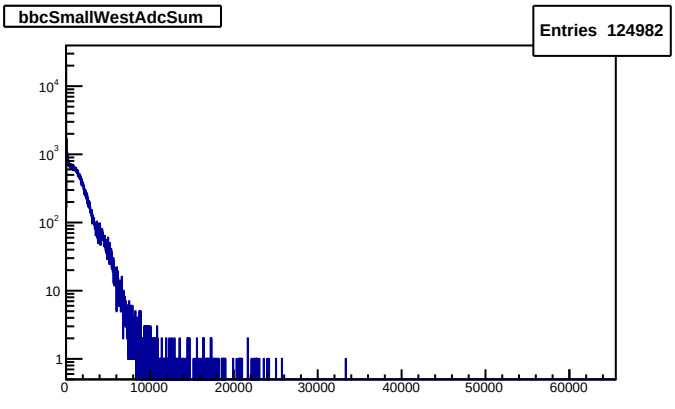

EQ3 QTC
Entries 1.199827e+07
TADC
QT Input Channel

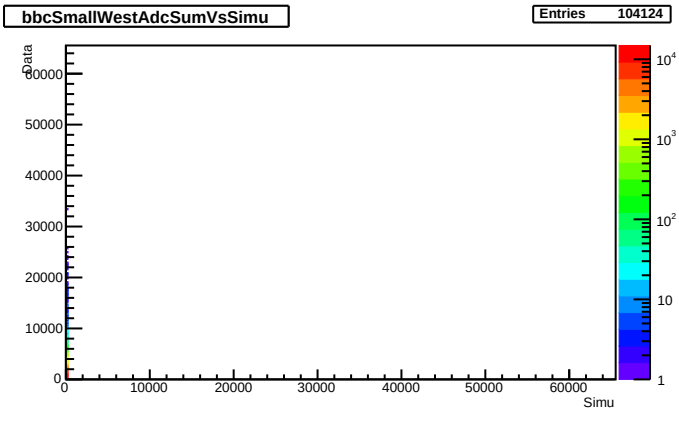

bbcSmallEastAdcSum
Entries 124982

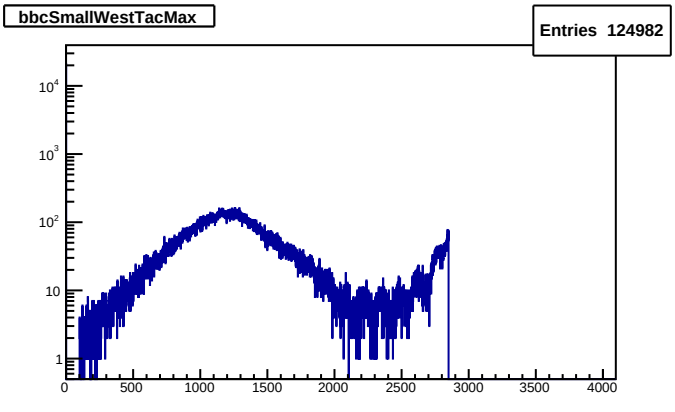

bbcSmallEastAdcSumVsSimu
Entries 92084
Data
Simu

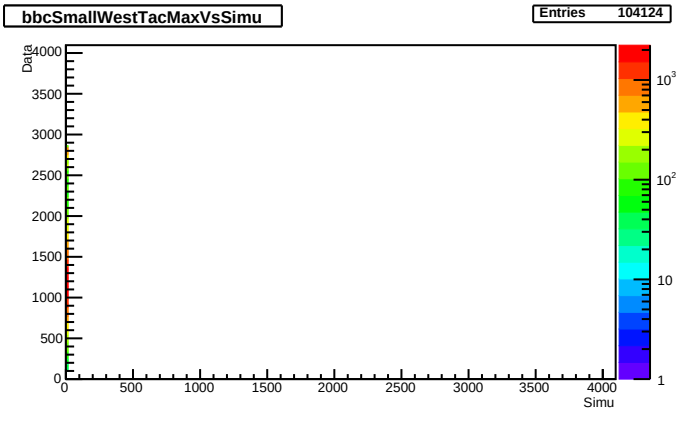

bbcSmallEastTacMax
Entries 124982

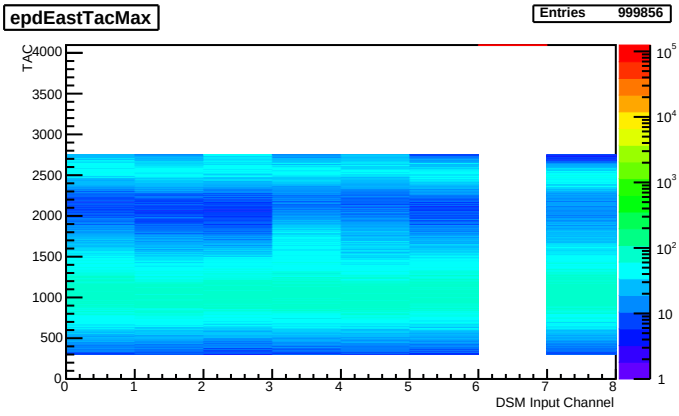

bbcSmallEastTacMaxVsSimu
Entries 92084
Data
Simu

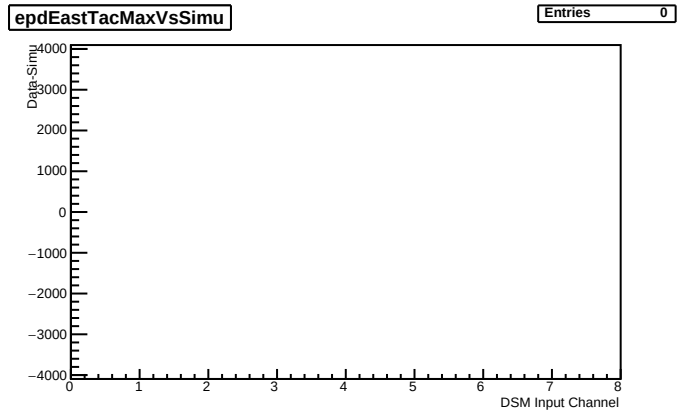

bbcSmallWestAdcSum
Entries 124982

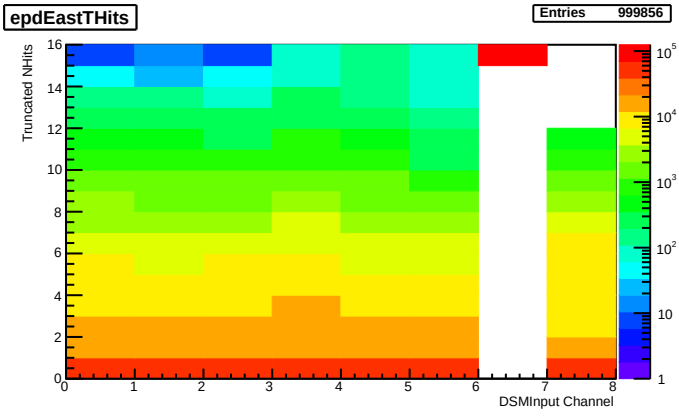

bbcSmallWestAdcSumVsSimu
Entries 104124
Data
Simu

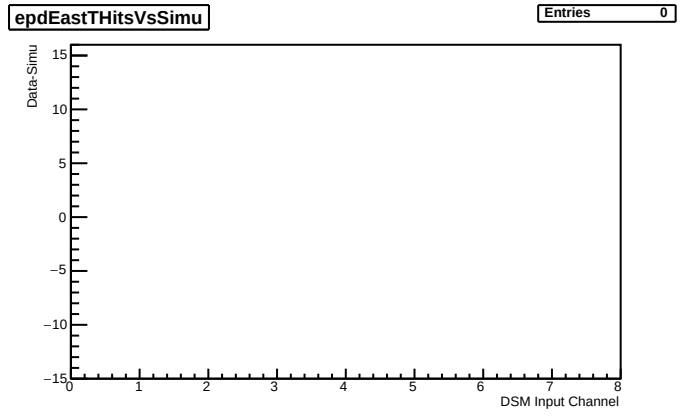

bbcSmallWestTacMax
Entries 124982

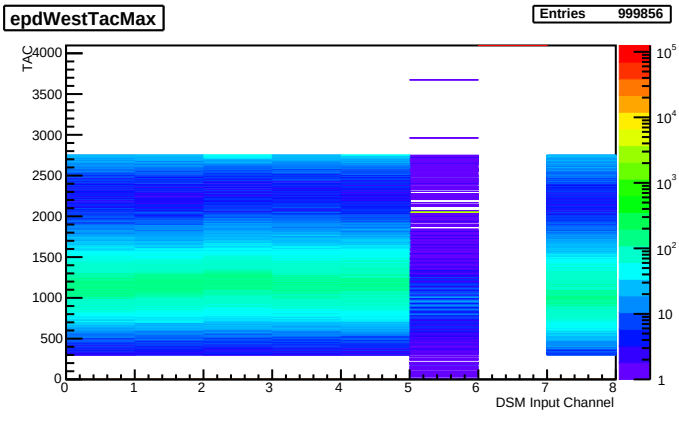

bbcSmallWestTacMaxVsSimu
Entries 104124
Data
Simu

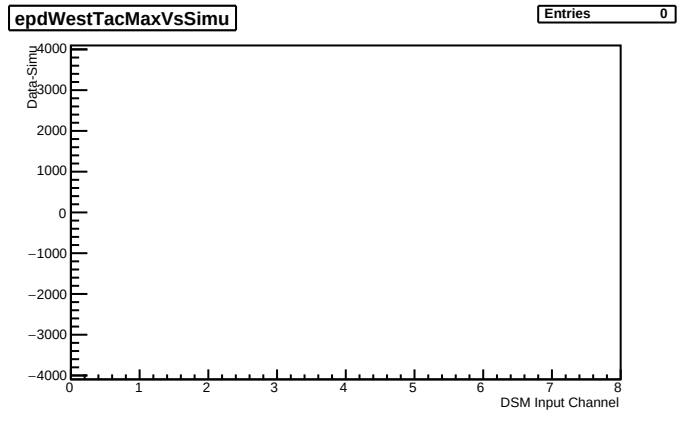

epdEastTacMax
Entries 999856
TAC
DSM Input Channel

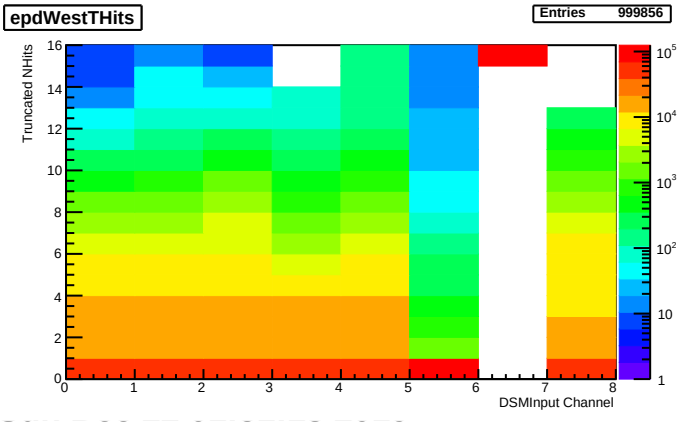

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

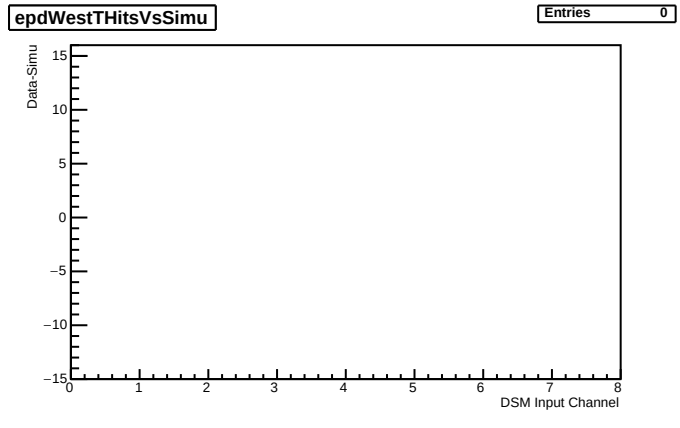

epdEastTHits
Entries 999856
Truncated NHits
DSMInput Channel

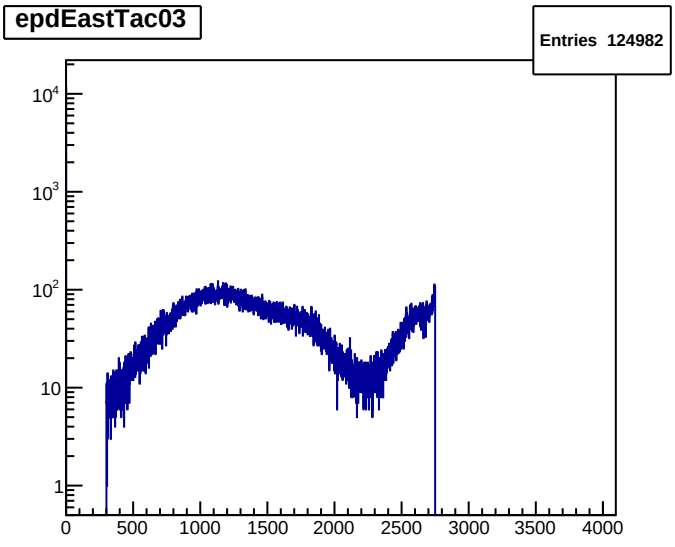

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

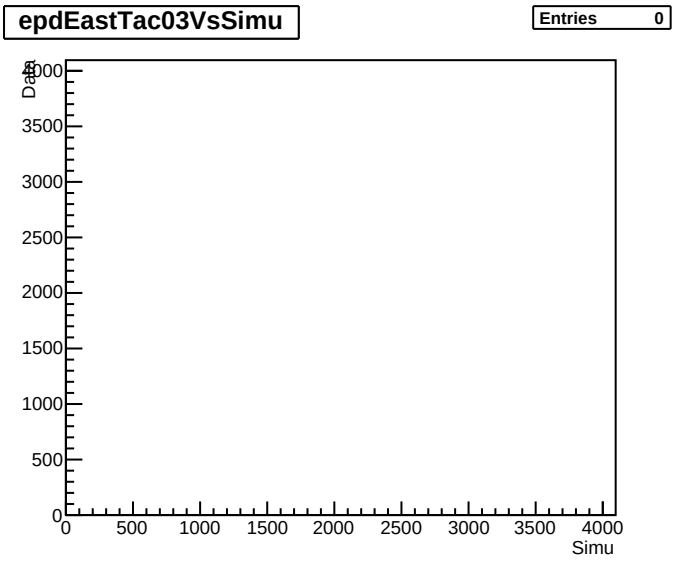

epdWestTacMax
Entries 999856
TAC
DSM Input Channel

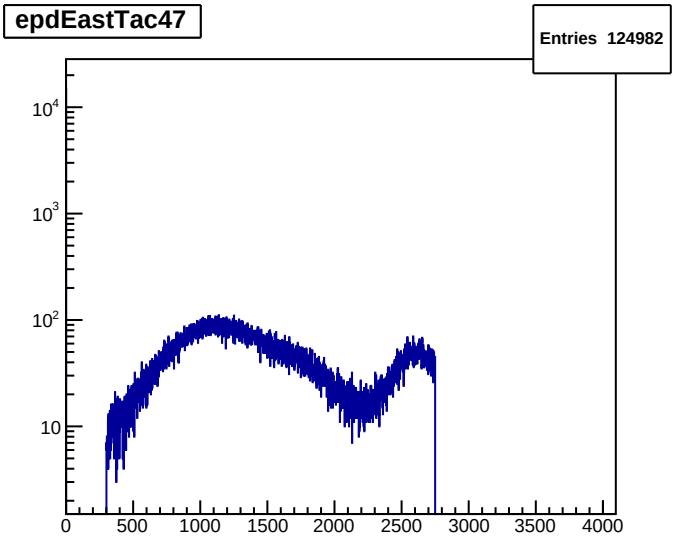

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

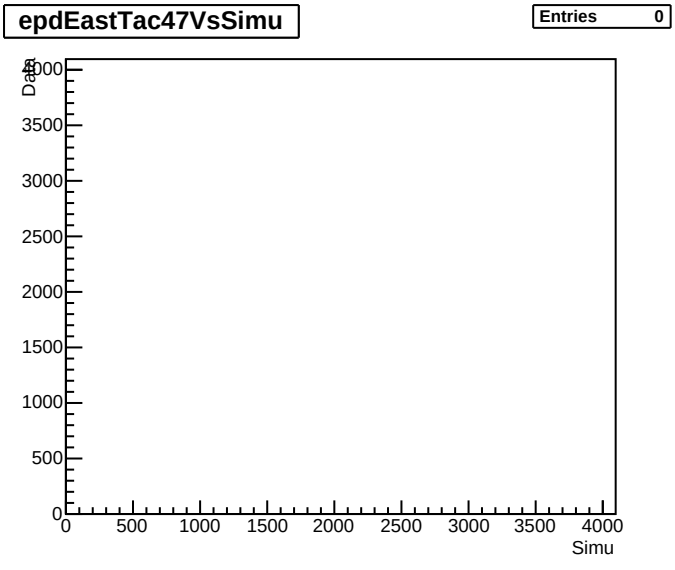

epdWestTHits
Entries 999856
Truncated NHits
DSMInput Channel

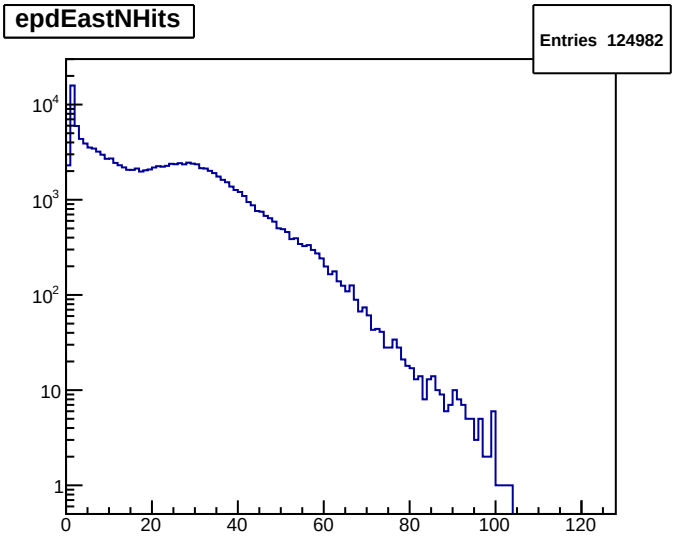

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

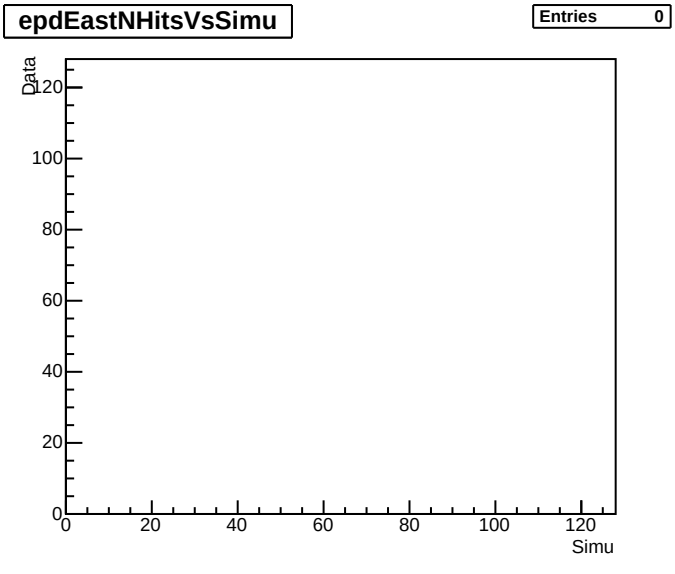

epdEastTac03
Entries 124982

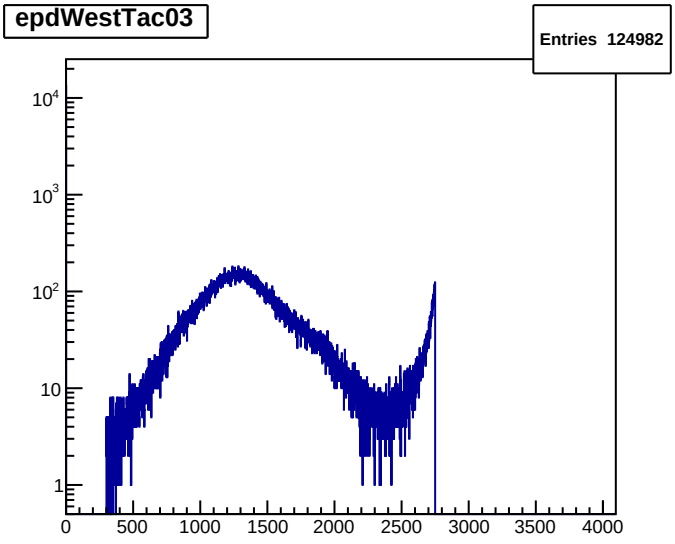

epdEastTac03VsSimu
Entries 0
Data
Simu

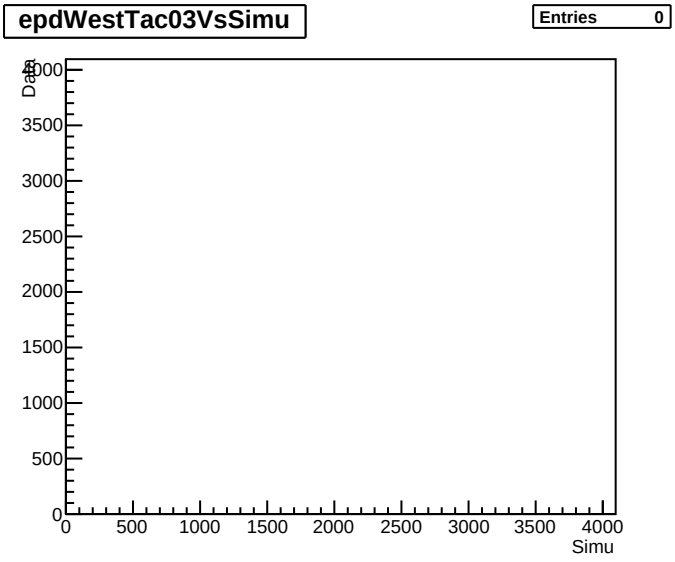

epdEastTac47
Entries 124982

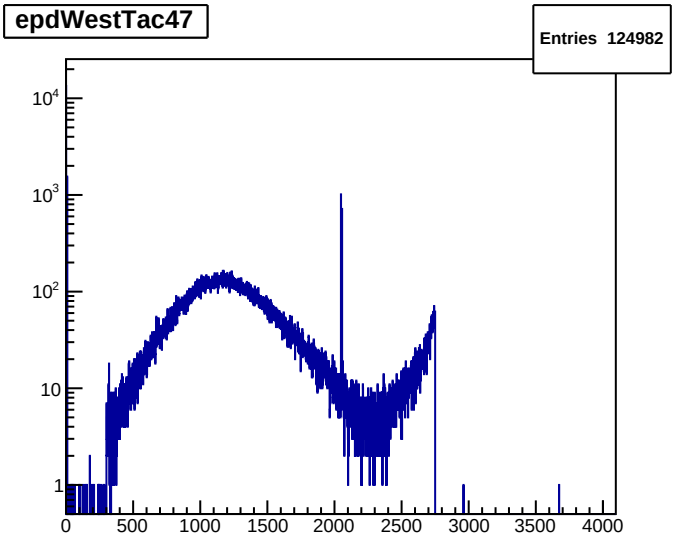

epdEastTac47VsSimu
Entries 0
Data
Simu

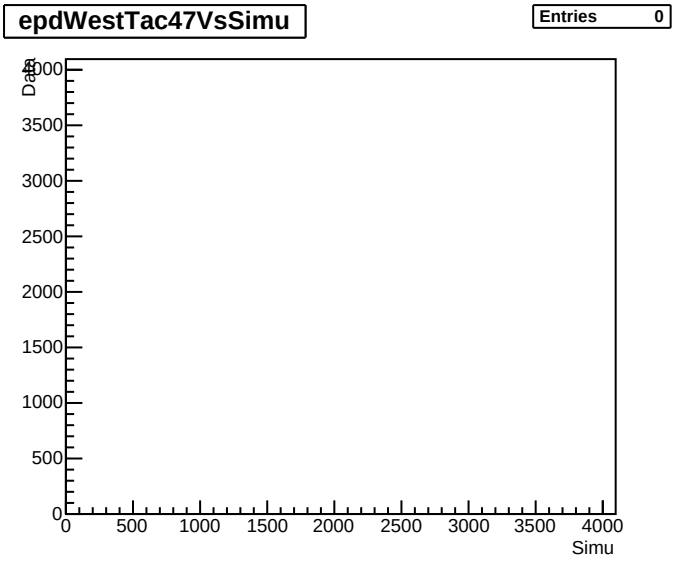

epdEastNHits
Entries 124982

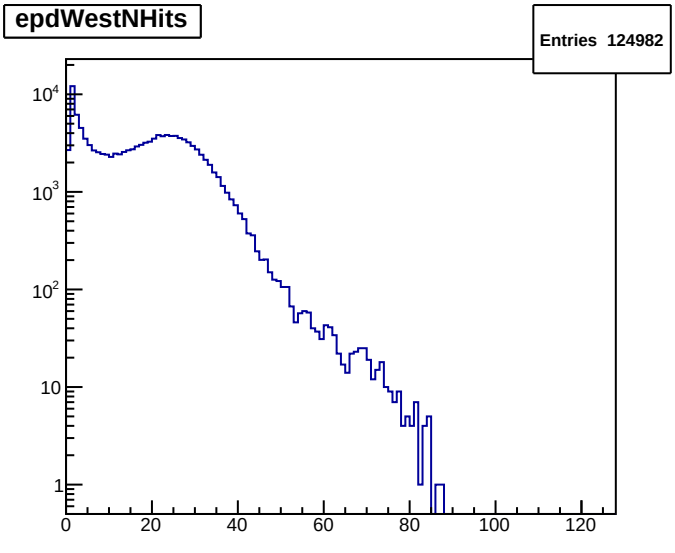

epdEastNHitsVsSimu
Entries 0
Data
Simu

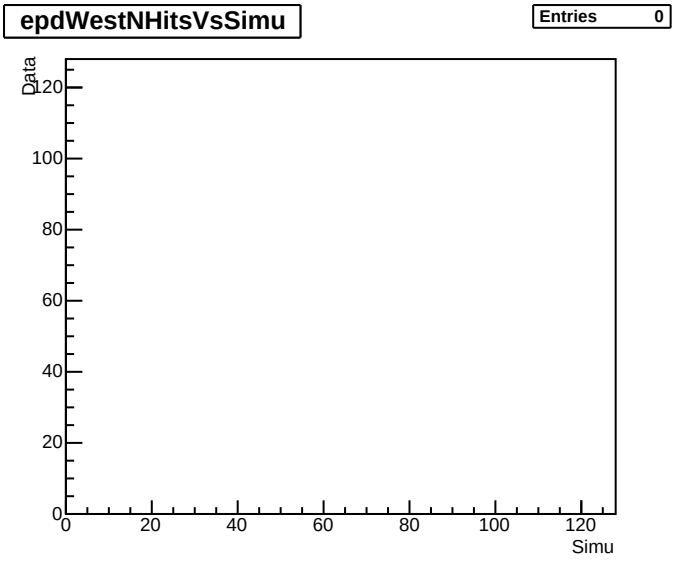

epdWestTac03
Entries 124982

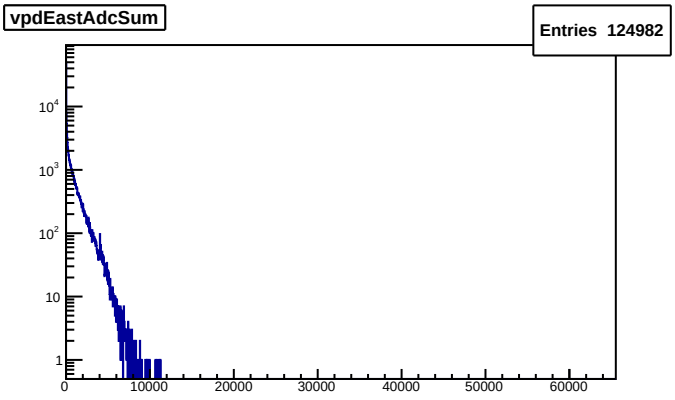

epdWestTac03VsSimu
Entries 0
Data
Simu

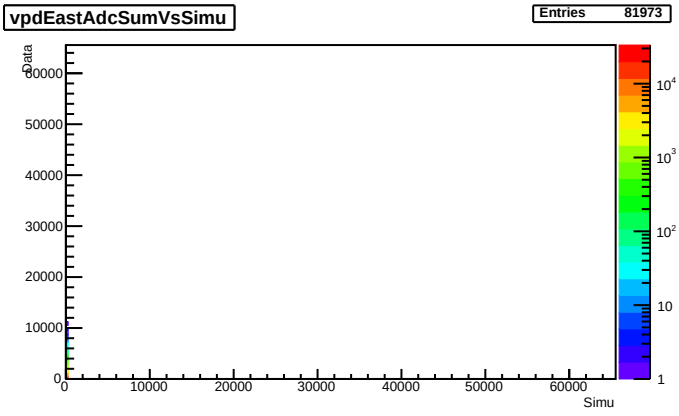

epdWestTac47
Entries 124982

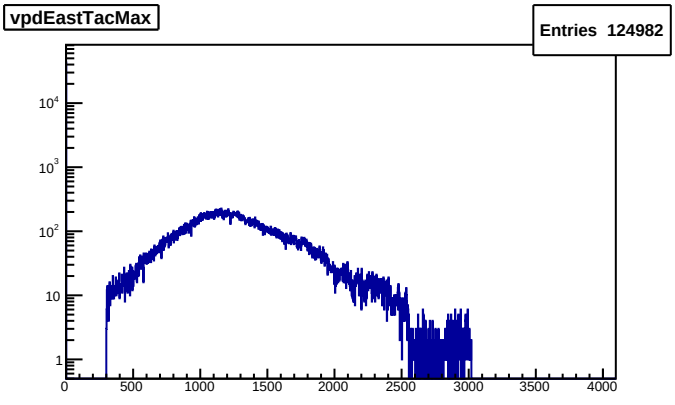

epdWestTac47VsSimu
Entries 0
Data
Simu

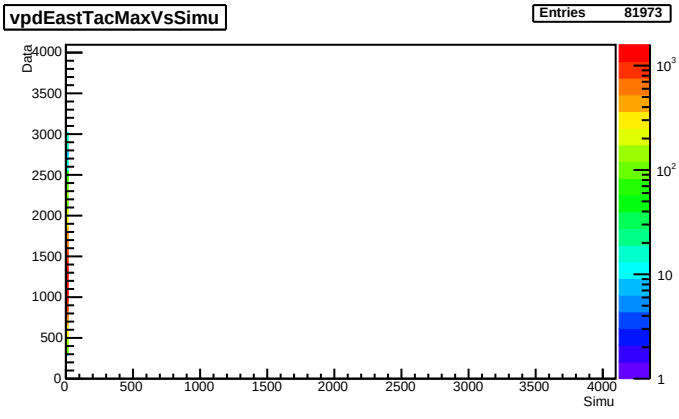

epdWestNHits
Entries 124982

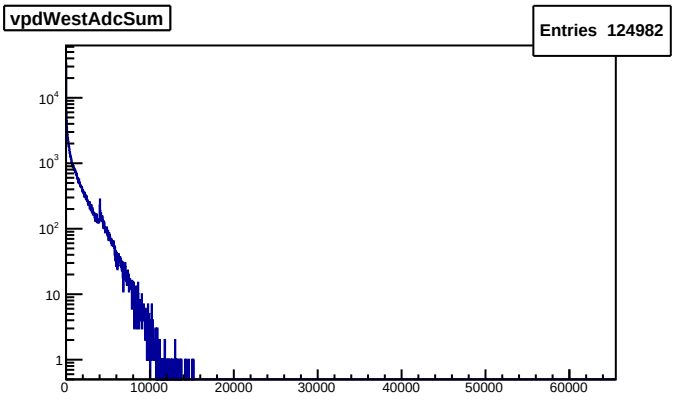

epdWestNHitsVsSimu
Entries 0
Data
Simu

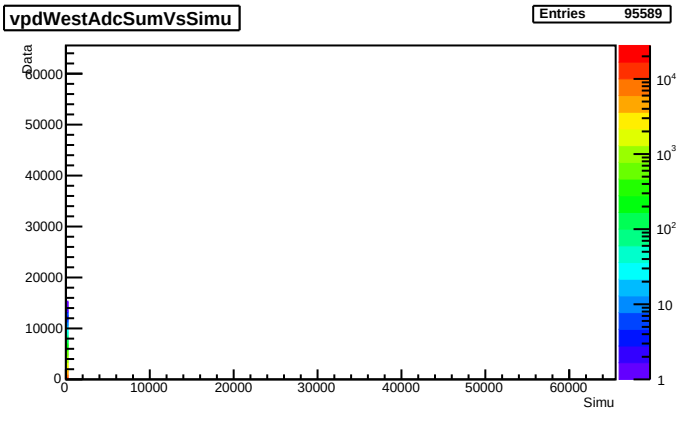

vpdEastAdcSum
Entries 124982

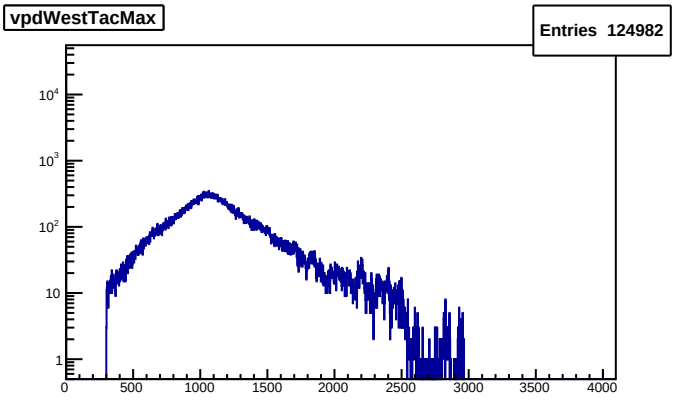

vpdEastAdcSumVsSimu
Entries 81973
Data
Simu

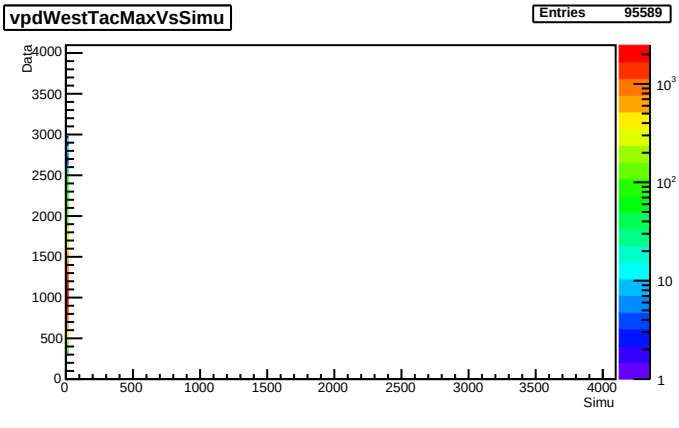

vpdEastTacMax
Entries 124982

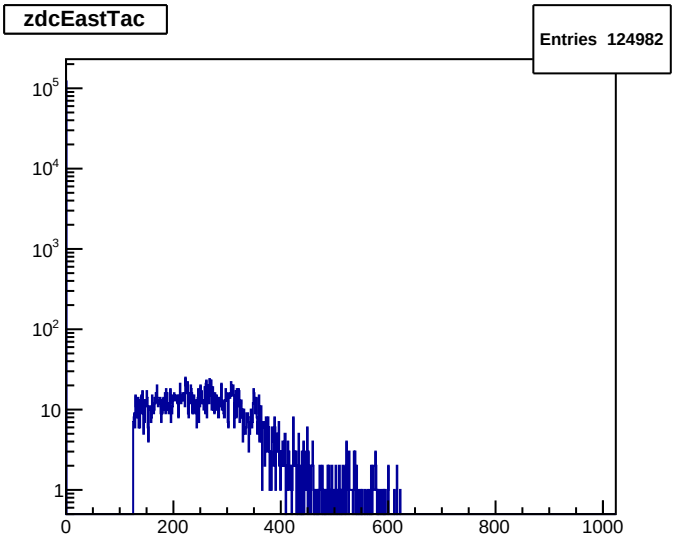

vpdEastTacMaxVsSimu
Entries 81973
Data
Simu

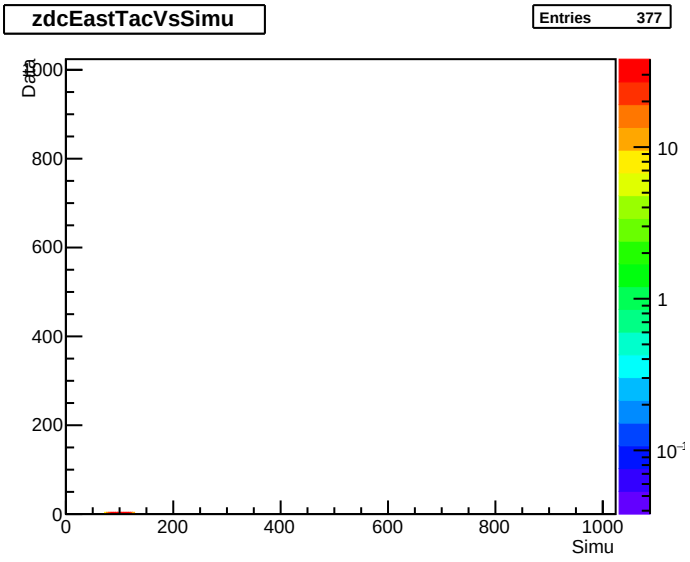

vpdWestAdcSum
Entries 124982

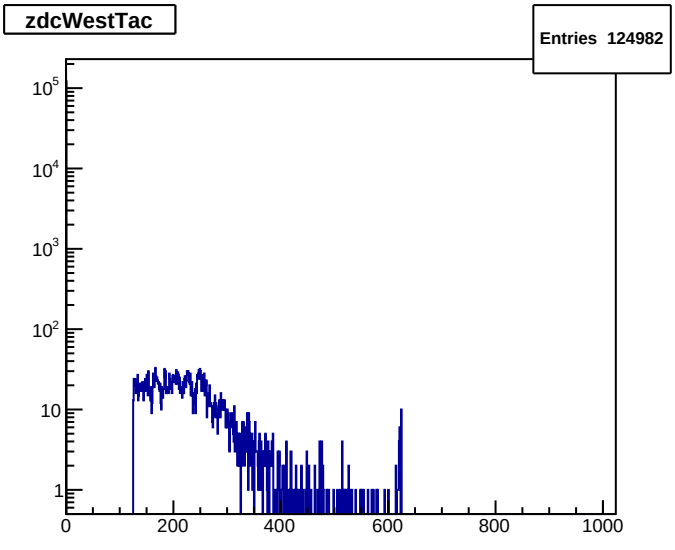

vpdWestAdcSumVsSimu
Entries 95589
Data
Simu

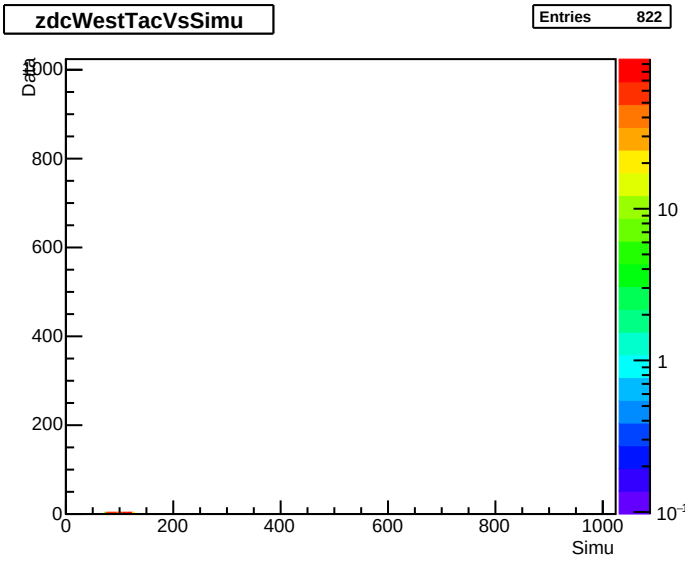

vpdWestTacMax
Entries 124982

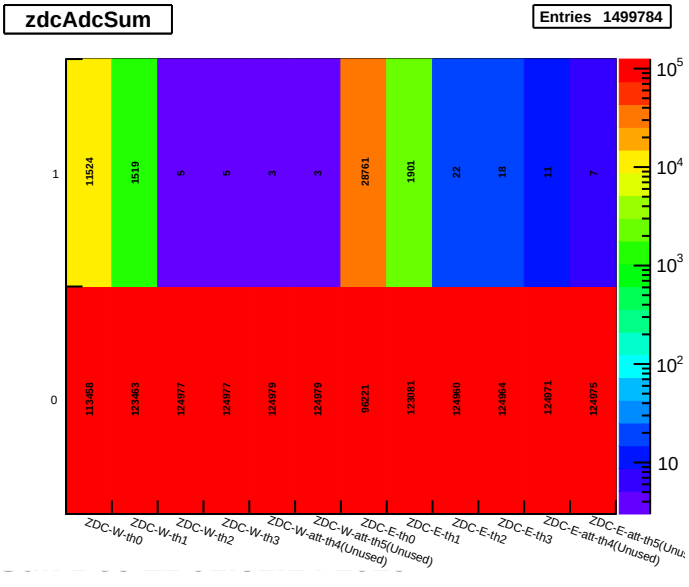

vpdWestTacMaxVsSimu
Entries 95589
Data
Simu

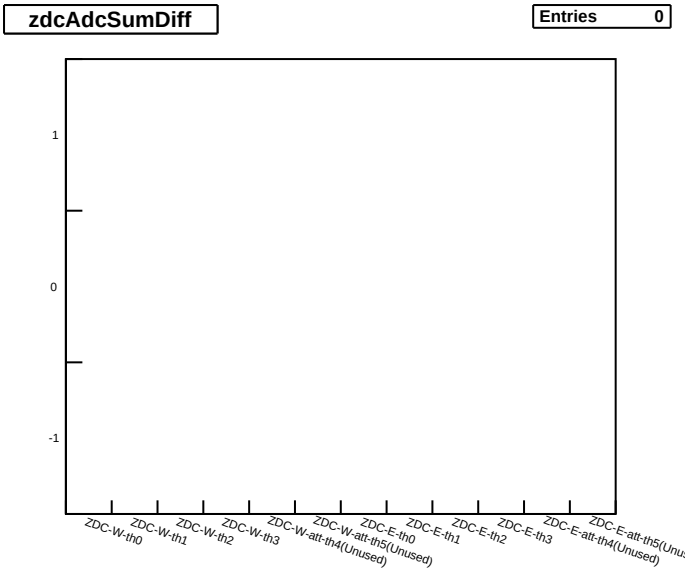

zdcEastTac
Entries 124982

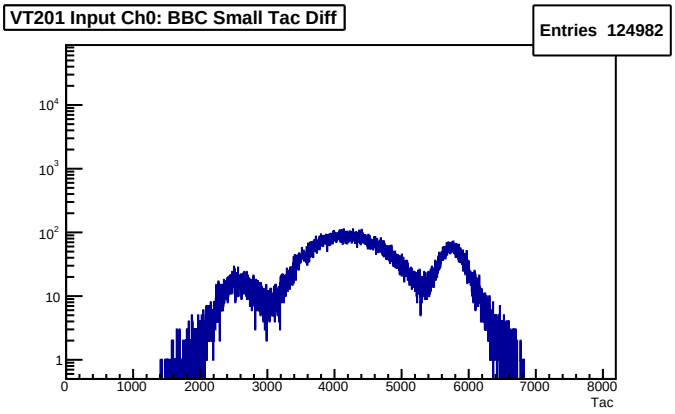

zdcEastTacVsSimu
Entries 377
Data
Simu

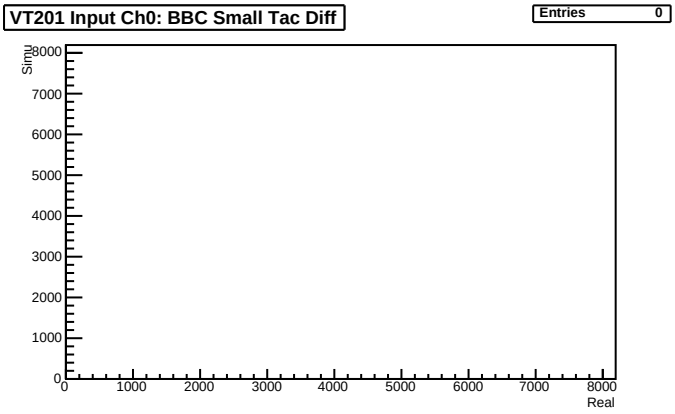

zdcWestTac
Entries 124982

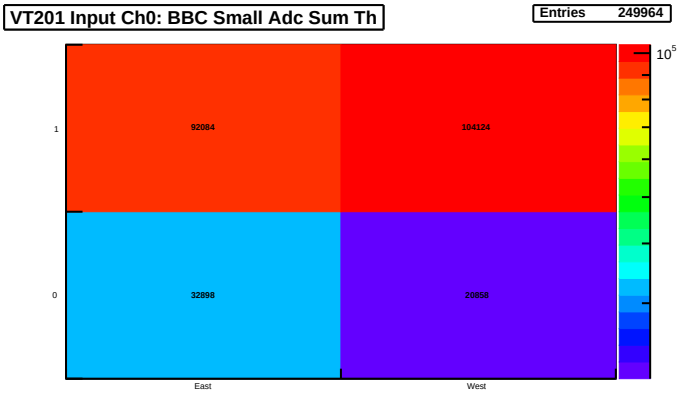

zdcWestTacVsSimu
Entries 822
Data
Simu

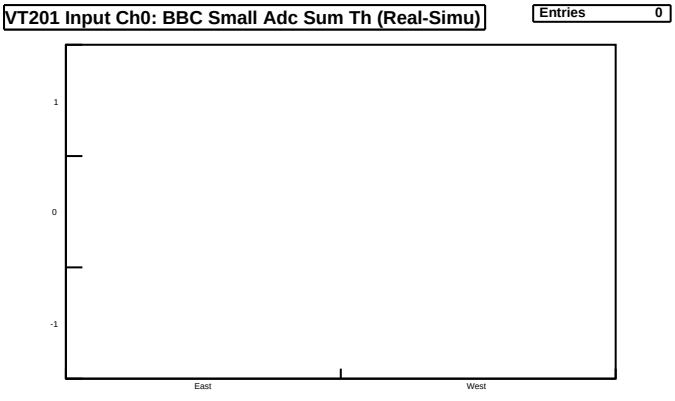

zdcAdcSum
Entries 1499784
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

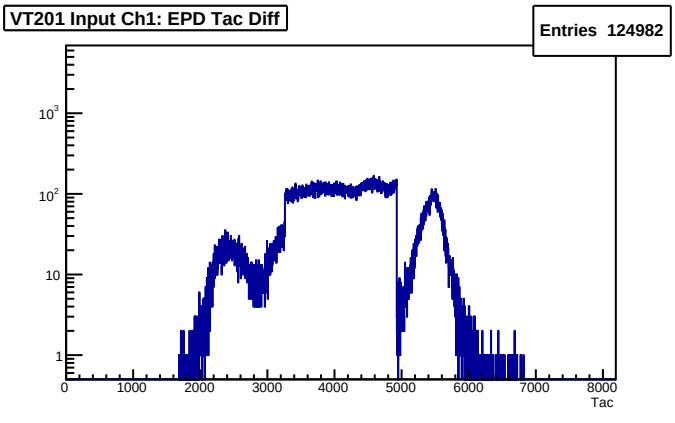

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

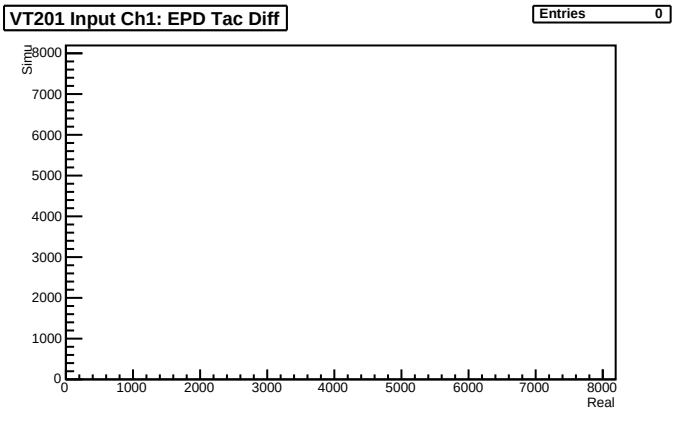

VT201 Input Ch0: BBC Small Tac Diff
Entries 124982
Tac

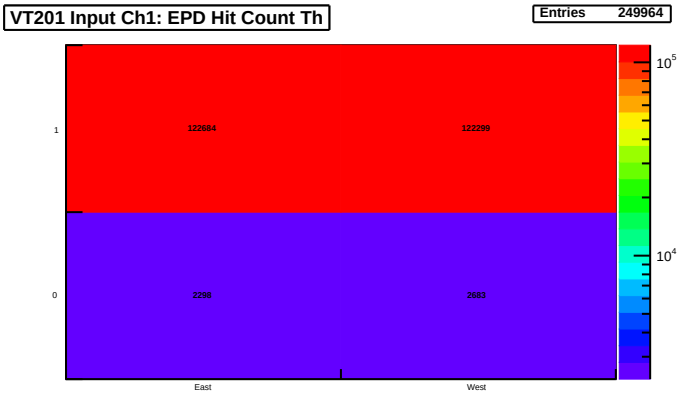

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

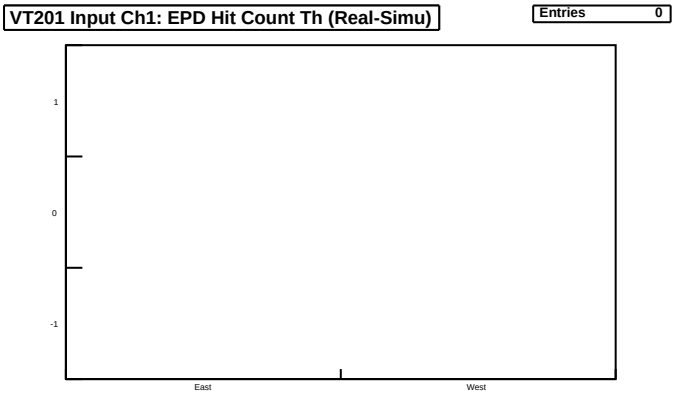

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 249964
92084
104124
32898
20858
East
West

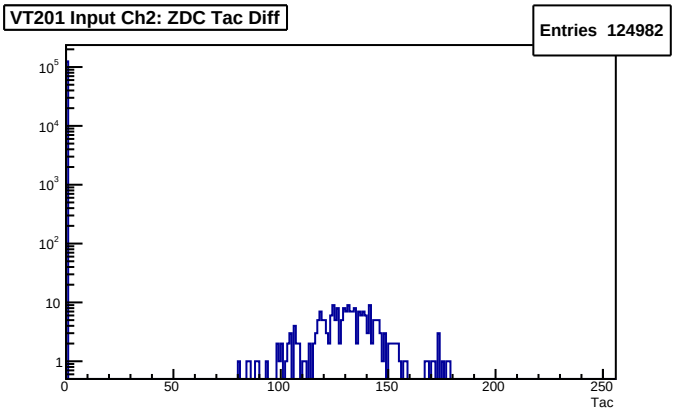

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

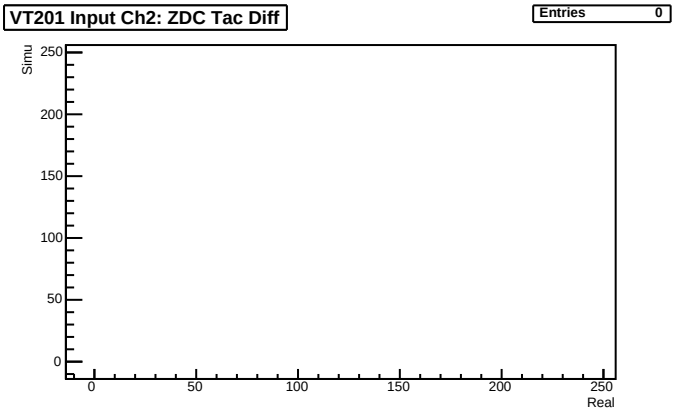

VT201 Input Ch1: EPD Tac Diff
Entries 124982
Tac

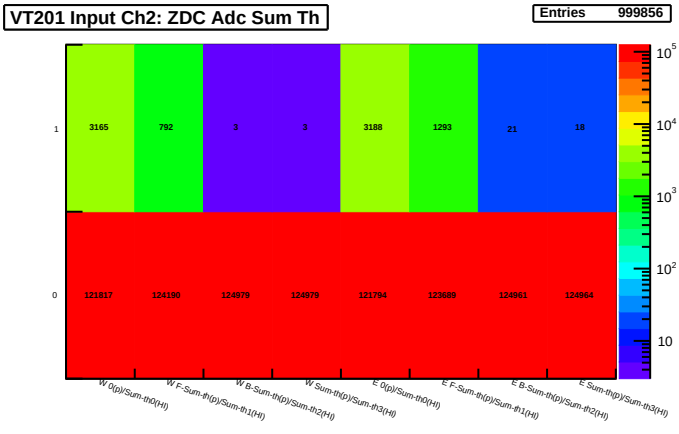

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

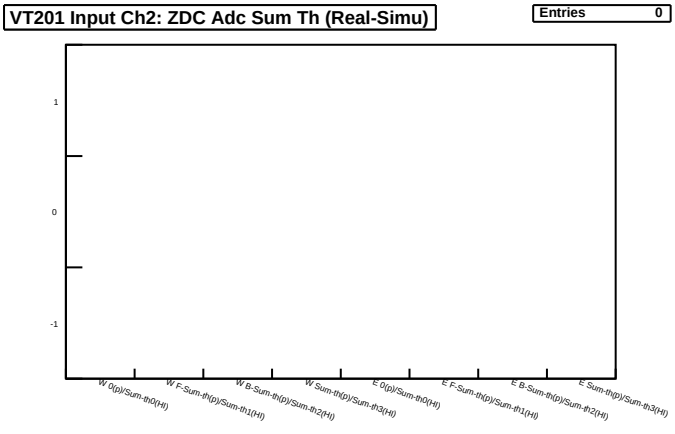

VT201 Input Ch1: EPD Hit Count Th
Entries 249964
122684
122299
2298
2683
East
West

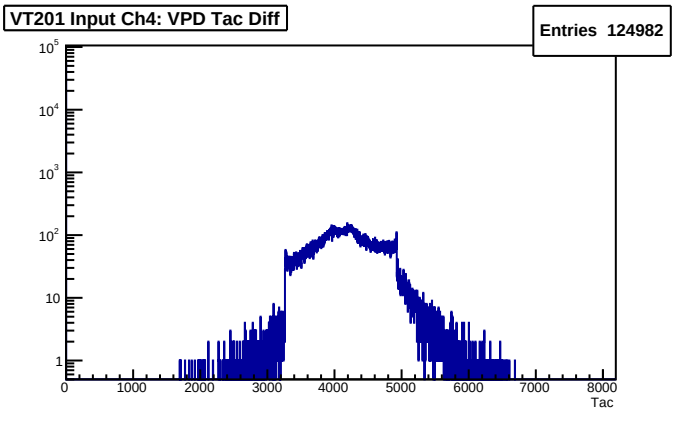

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

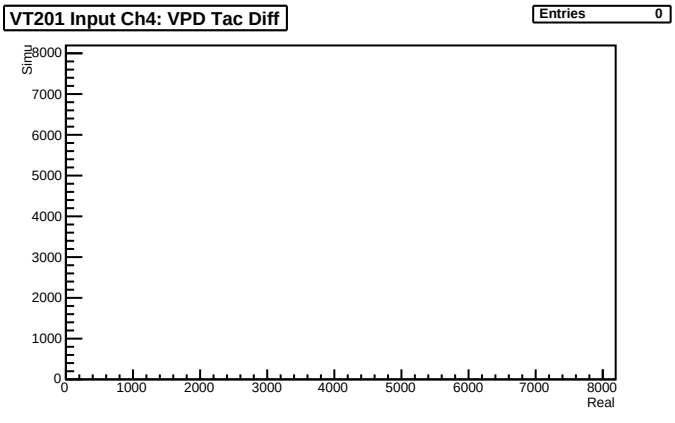

VT201 Input Ch2: ZDC Tac Diff
Entries 124982
Tac

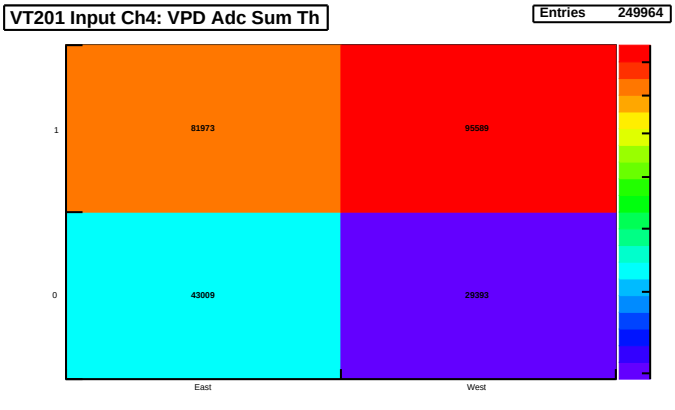

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

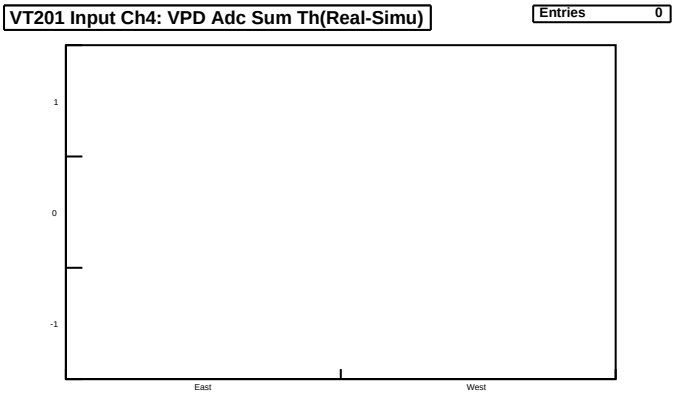

VT201 Input Ch2: ZDC Adc Sum Th
Entries 999856
3165
792
3
3
3188
1293
21
18
121817
124190
124979
124979
121794
123689
124961
124964
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

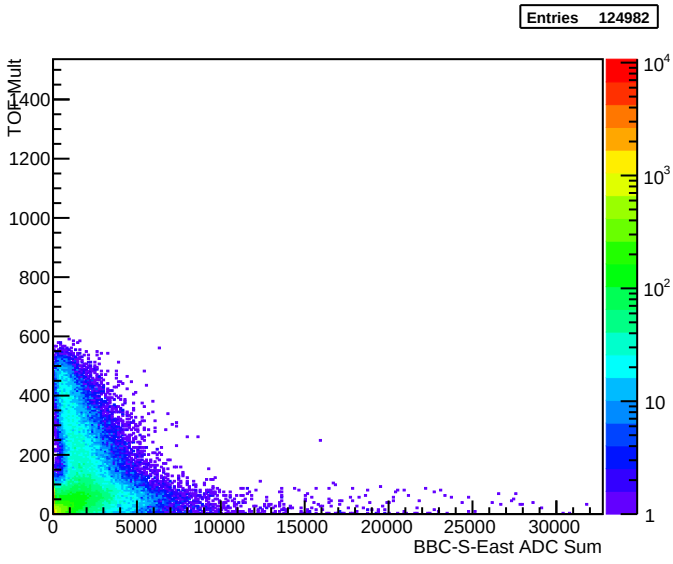

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

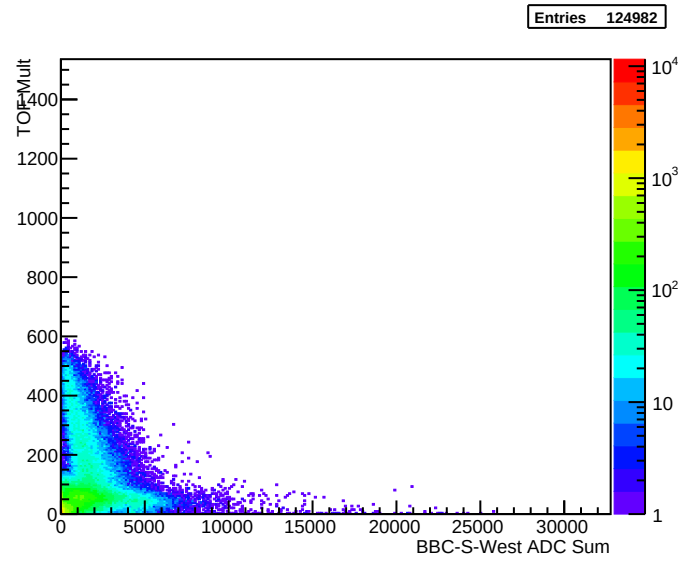

VT201 Input Ch4: VPD Tac Diff
Entries 124982
Tac

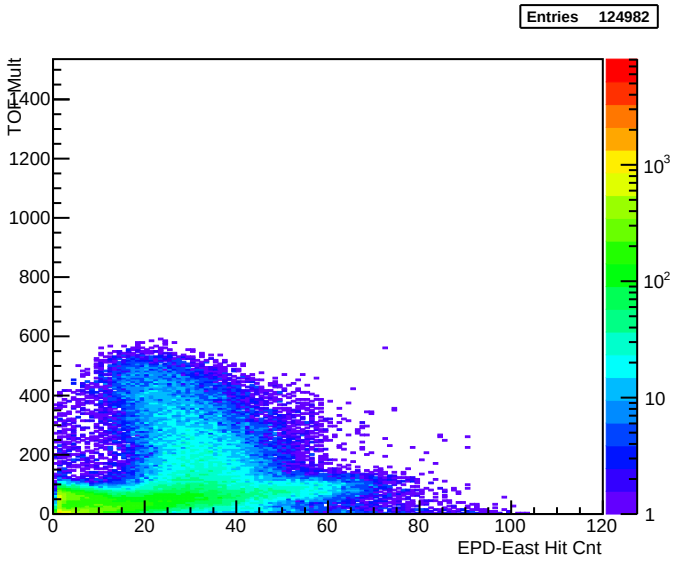

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

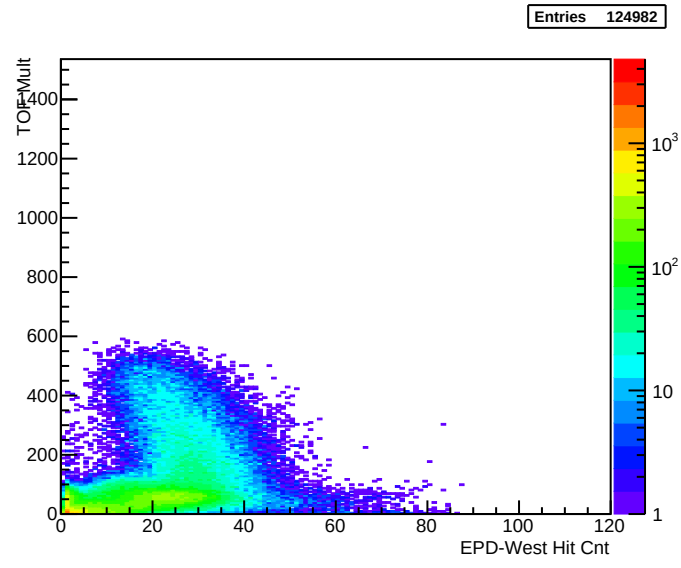

VT201 Input Ch4: VPD Adc Sum Th
Entries 249964
81973
95589
43009
29393
East
West

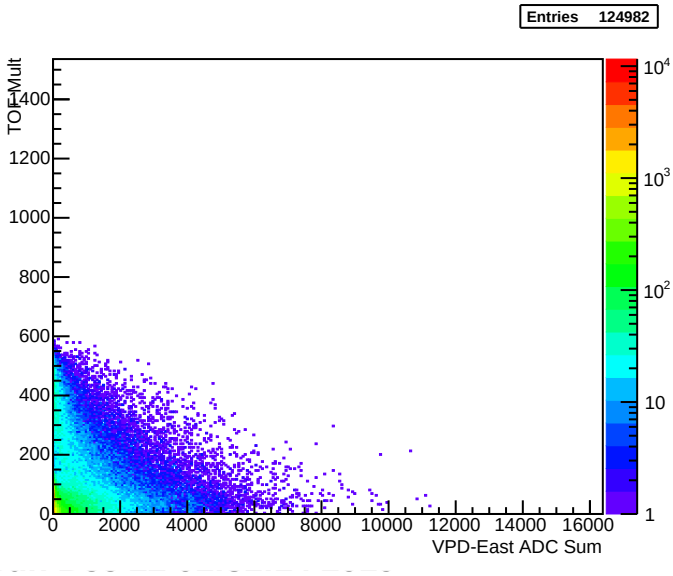

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

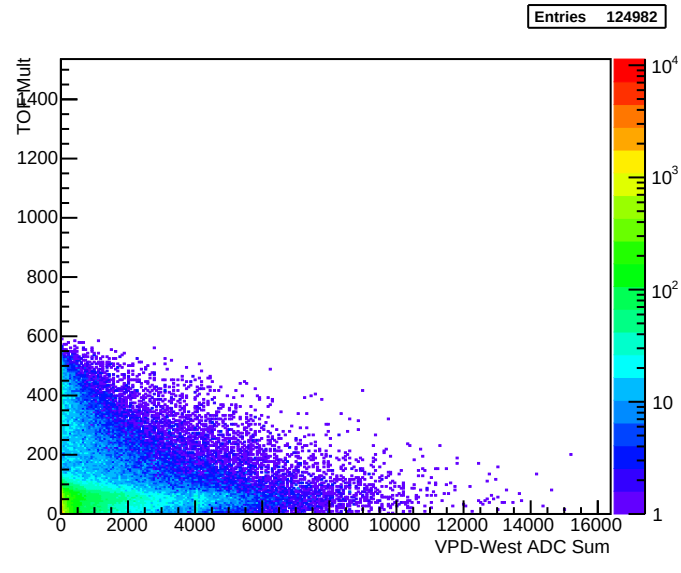

Entries 124982
TOF-Mult
BBC-S-East ADC Sum

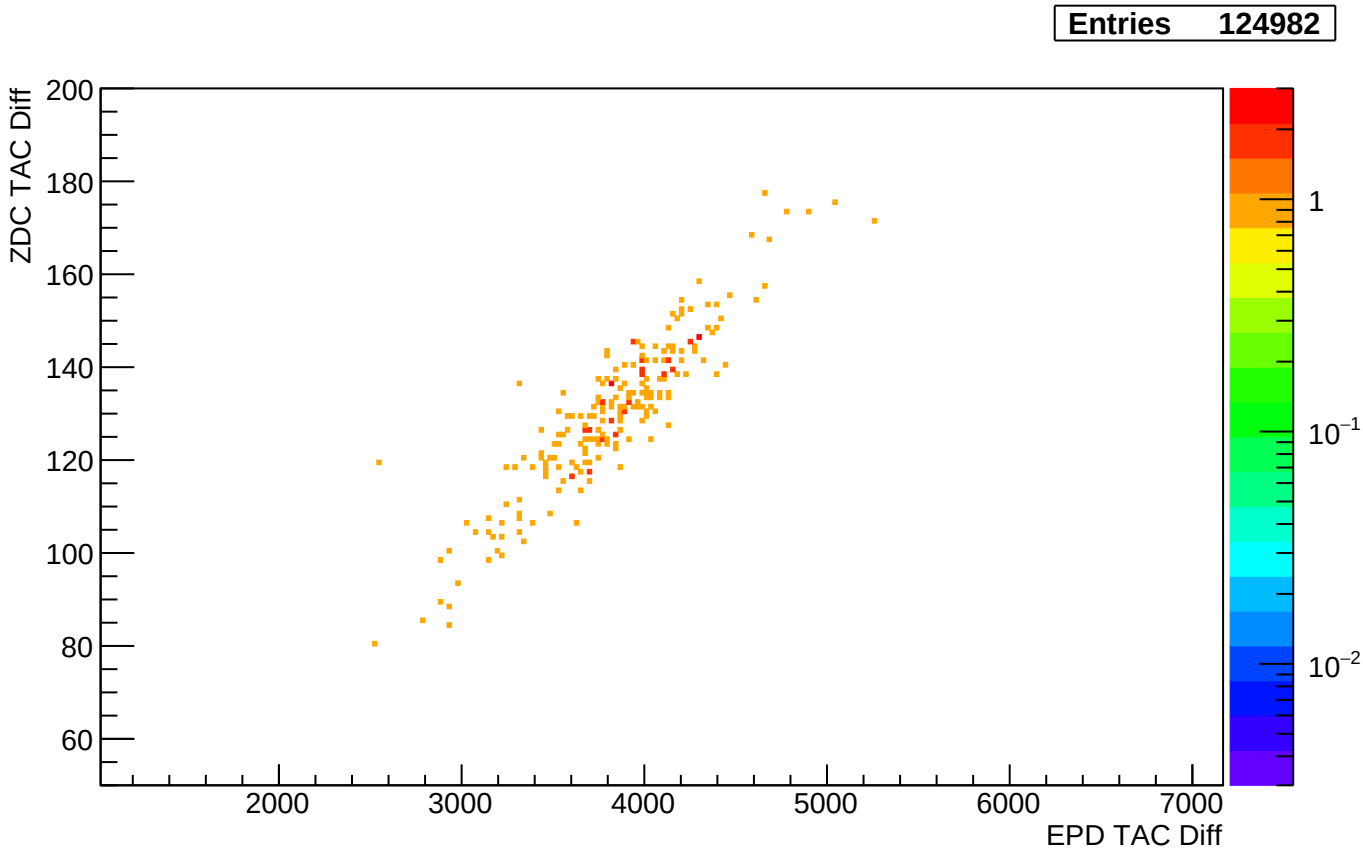

Entries 124982
TOF-Mult
BBC-S-West ADC Sum

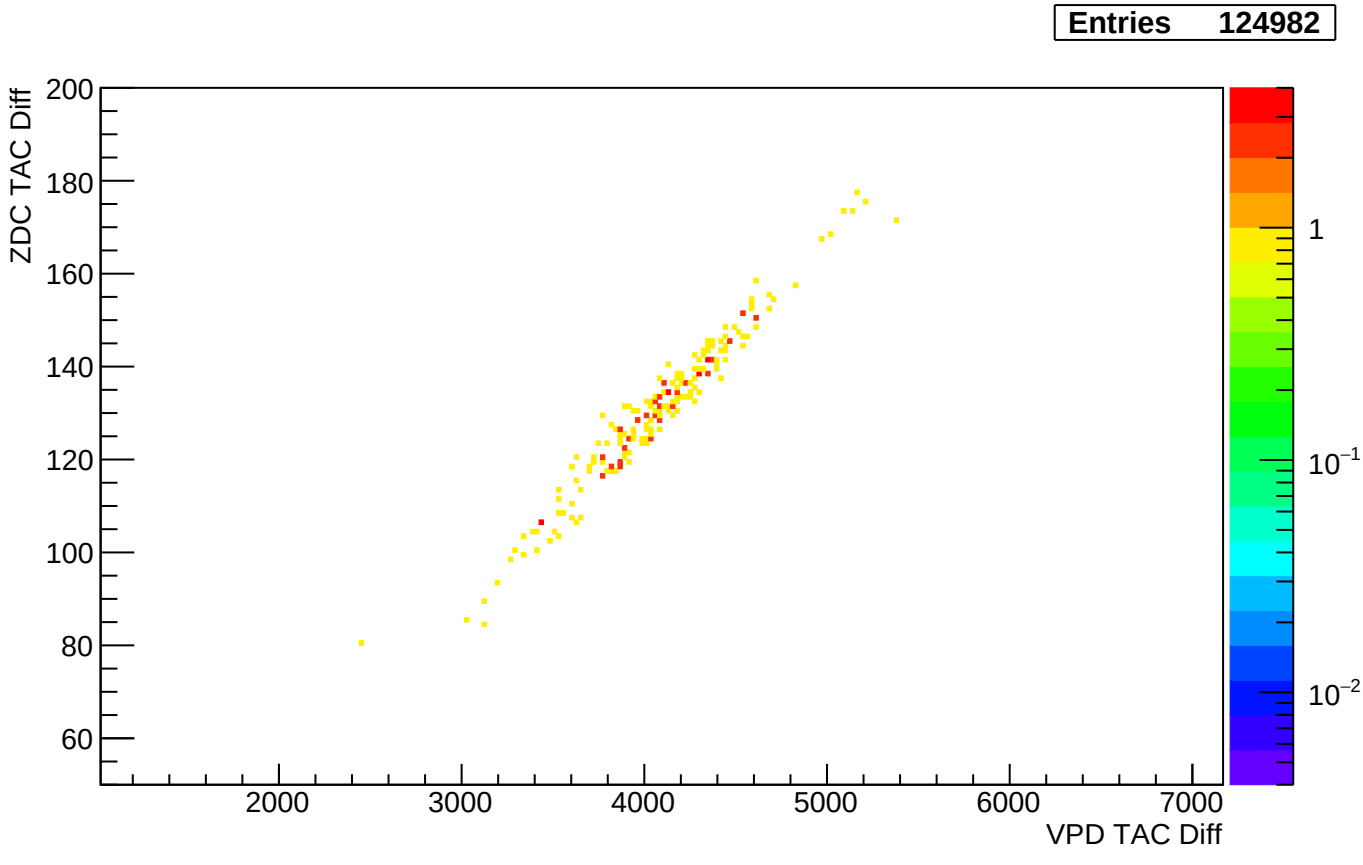

Entries 124982
TOF-Mult
EPD-East Hit Cnt

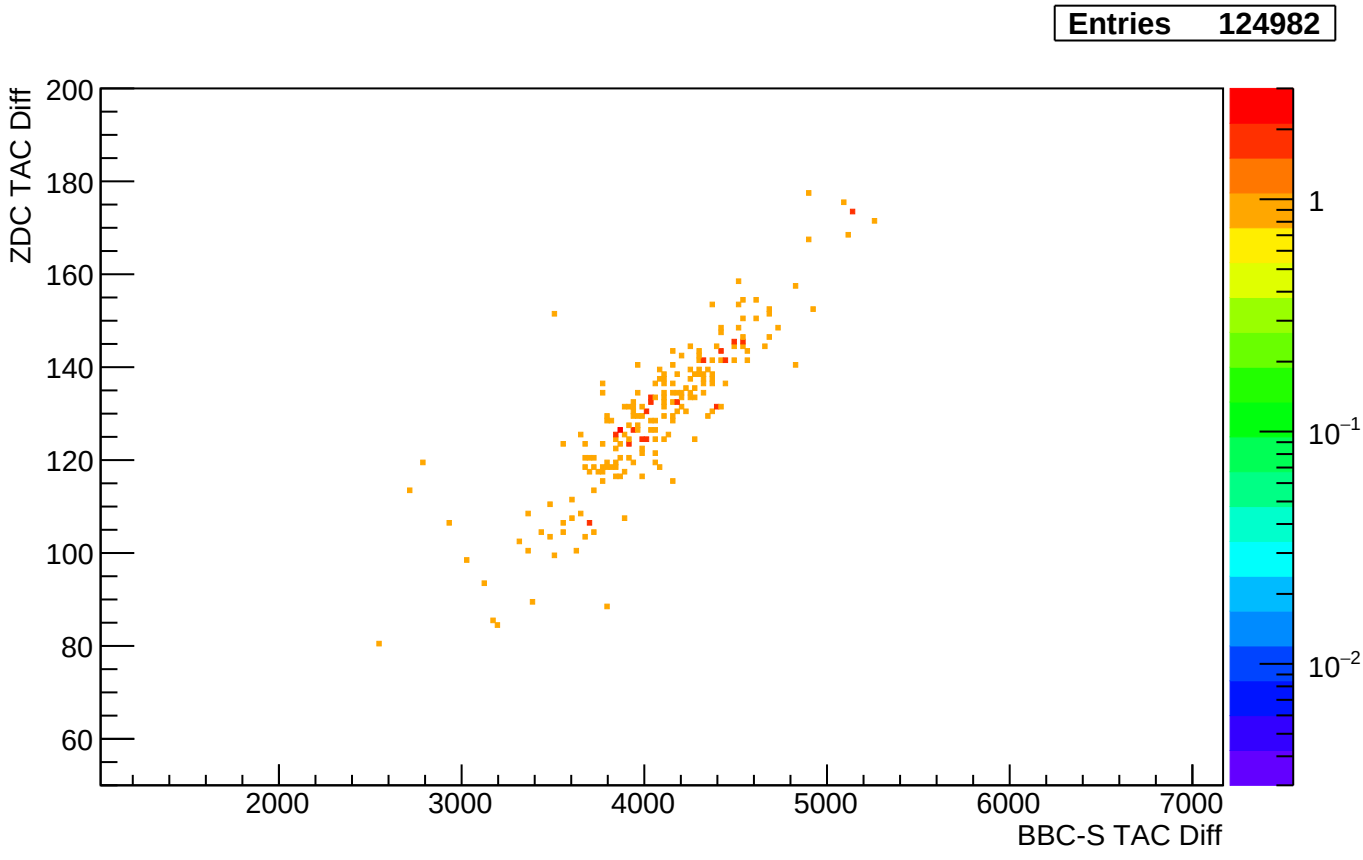

Entries 124982
TOF-Mult
EPD-West Hit Cnt

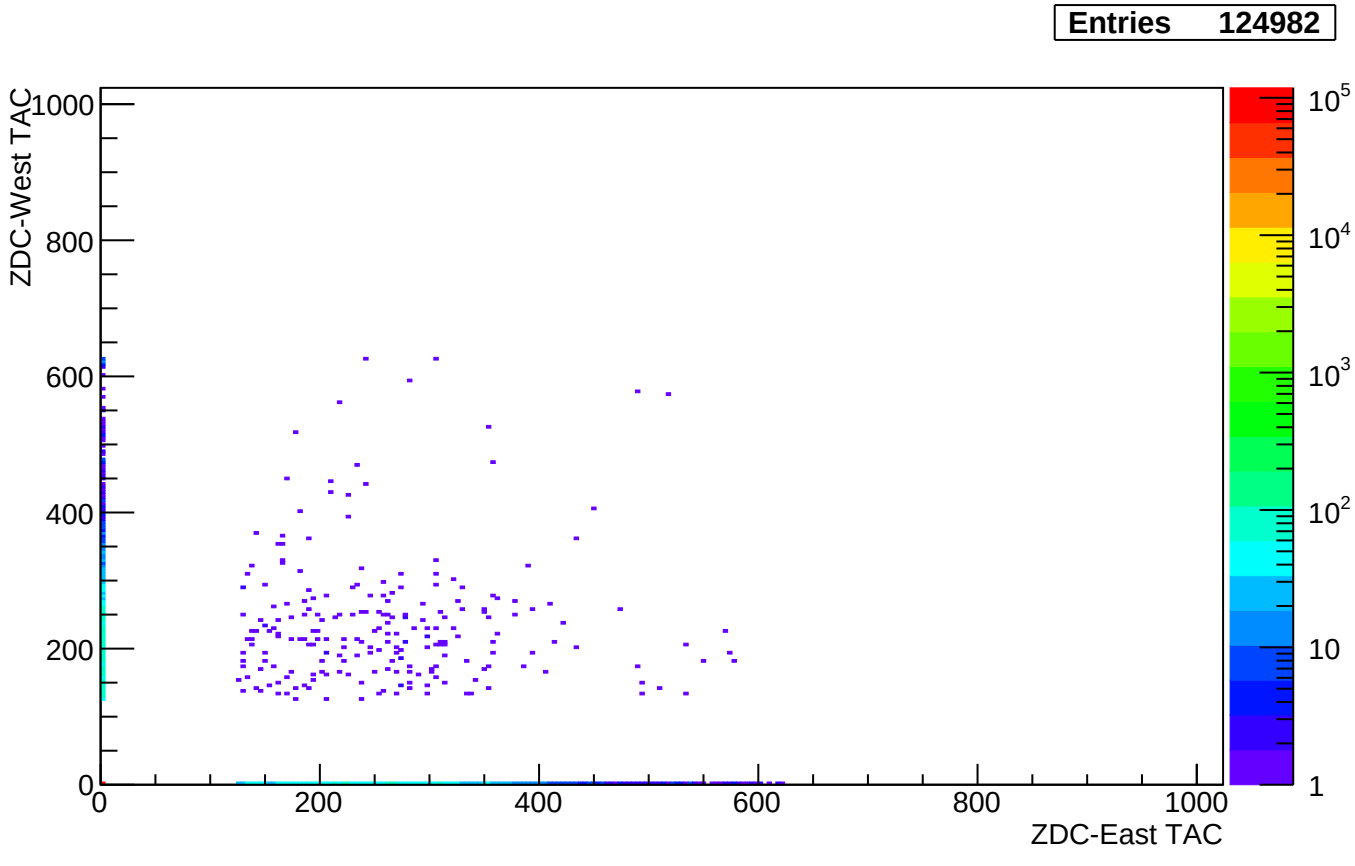

Entries 124982
TOF-Mult
VPD-East ADC Sum

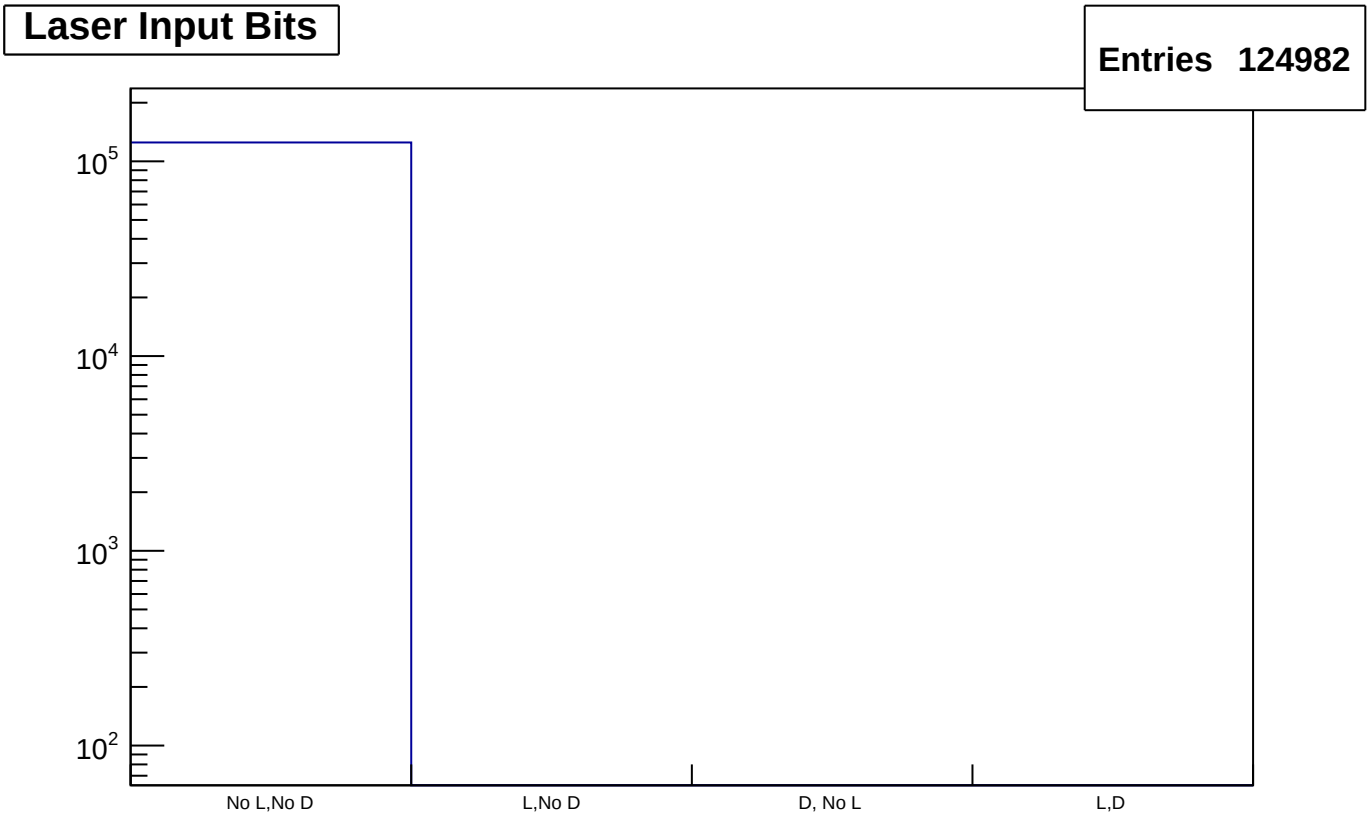

Entries 124982
TOF-Mult
VPD-West ADC Sum

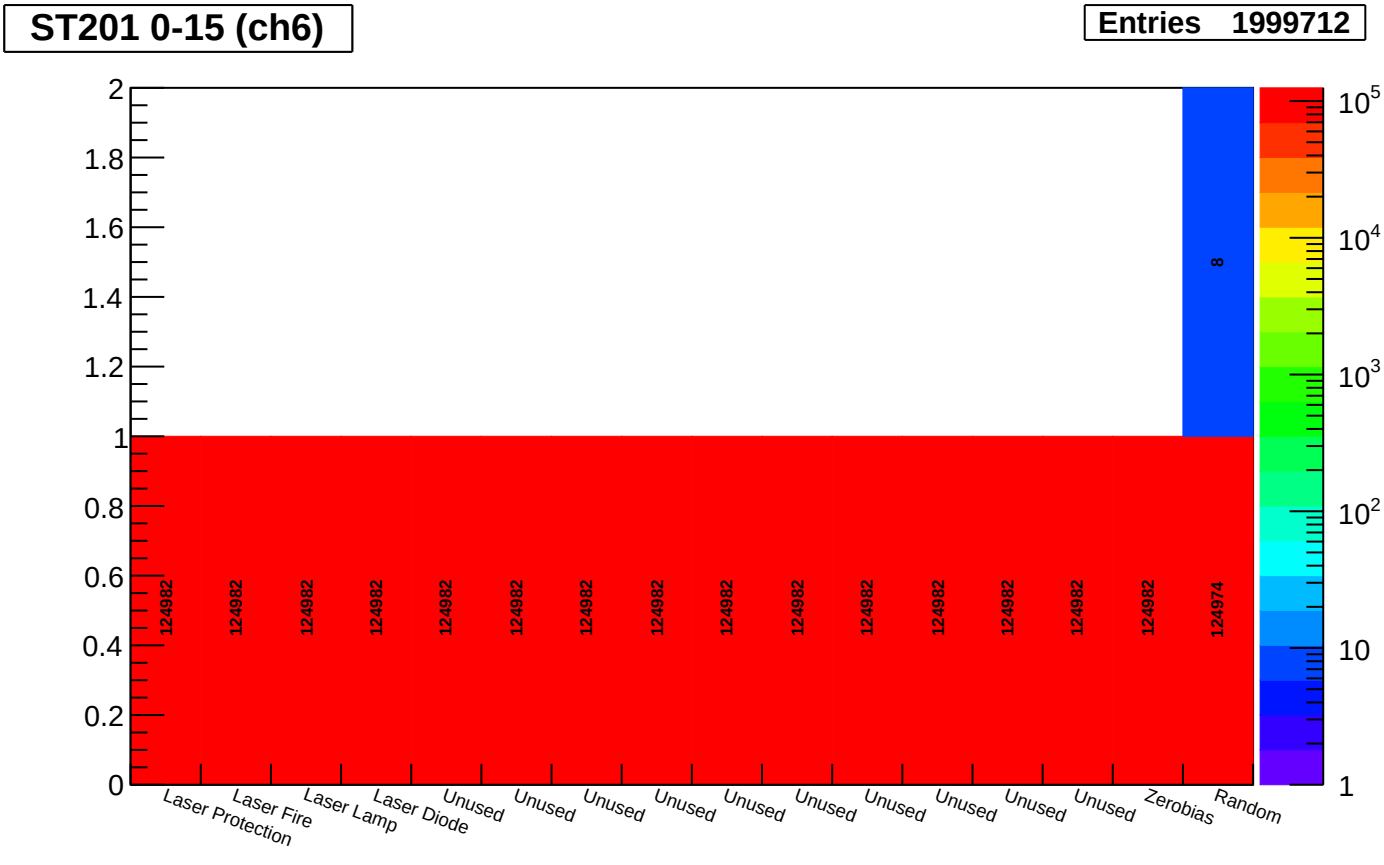

Entries 124982
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

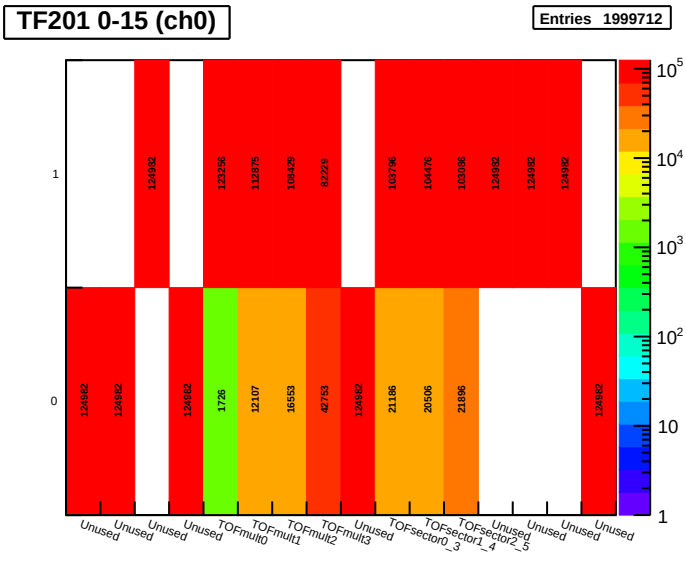

Entries 124982
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

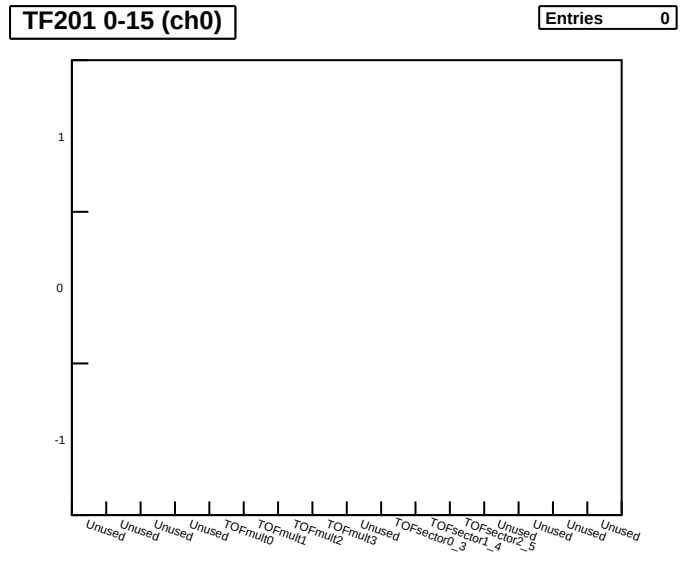

Entries 124982
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

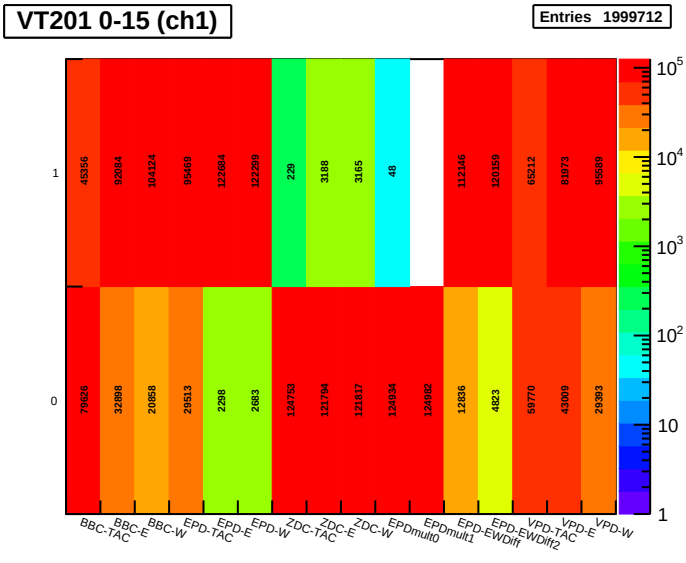

Entries 124982
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

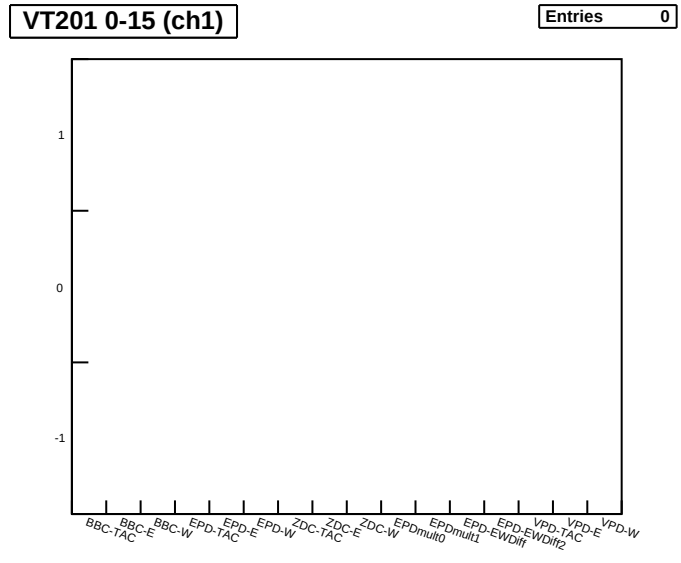

Laser Input Bits
Entries 124982
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

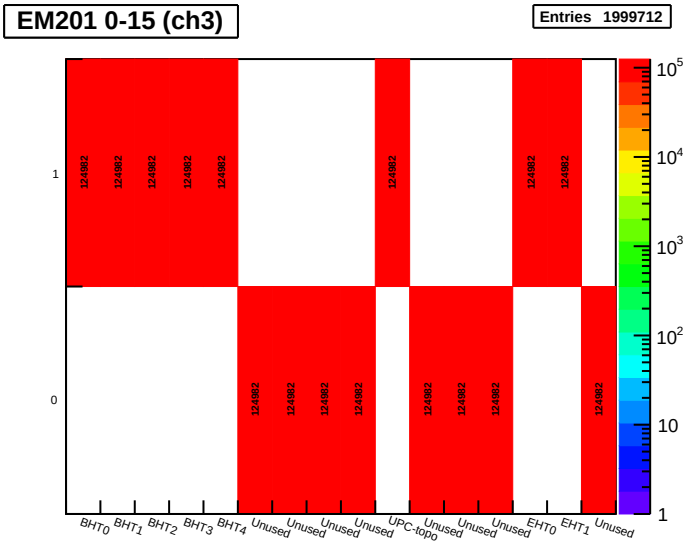

ST201 0-15 (ch6)
Entries 1999712
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124974
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

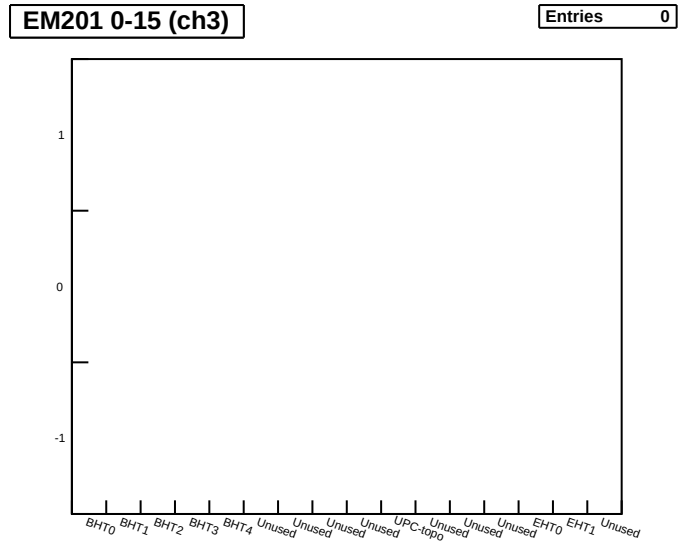

TF201 0-15 (ch0)
Entries 1999712
1
0
124982
123256
112875
108429
82229
103796
104476
103066
124982
124982
124982
124982
124982
1726
12107
16553
42753
124982
21186
20506
21896
124982
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 1999712
1
0
45356
92084
104124
95469
122684
122299
229
3188
3165
48
112146
120159
65212
81973
95589
79626
32898
20058
29513
2298
2683
124753
121794
121817
124934
124982
12836
4823
59770
43009
29393
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
10^5
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 1999712
1
0
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
124982
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
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