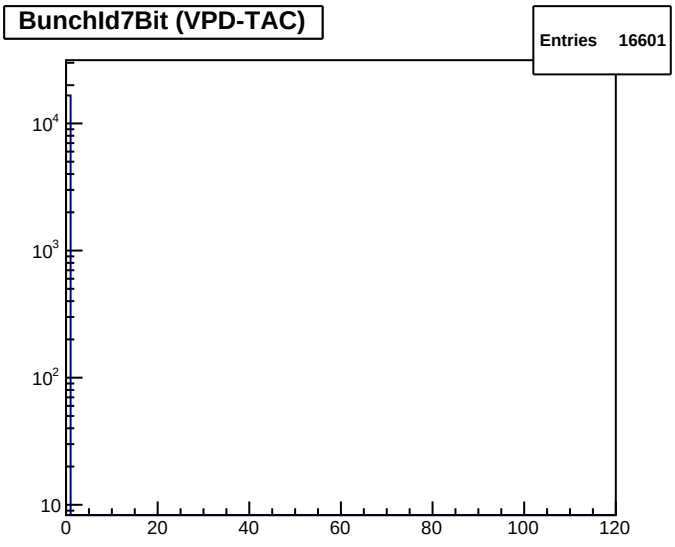
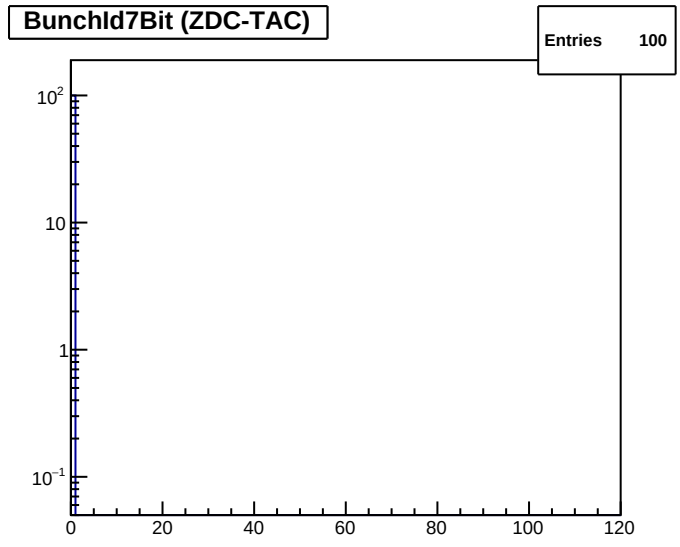
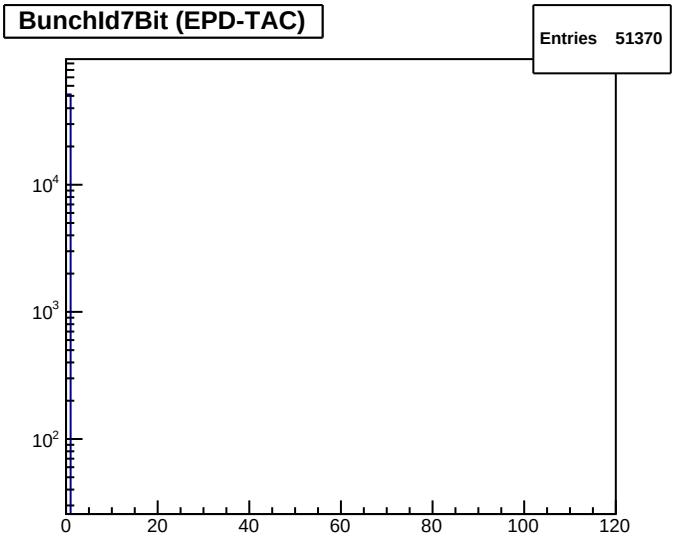
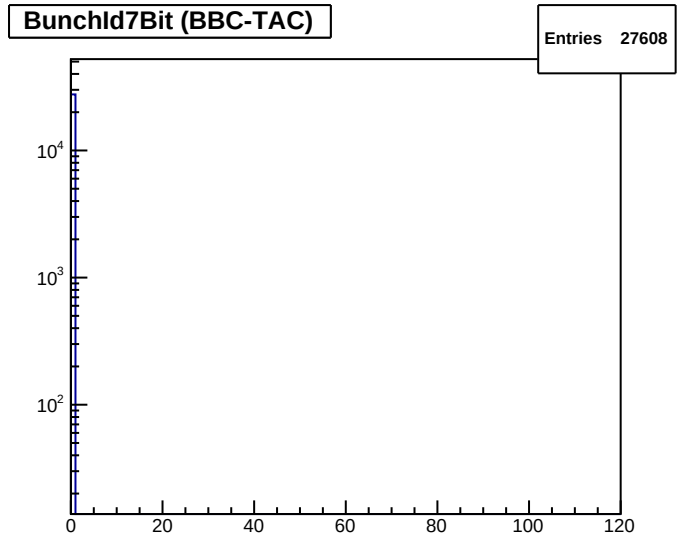
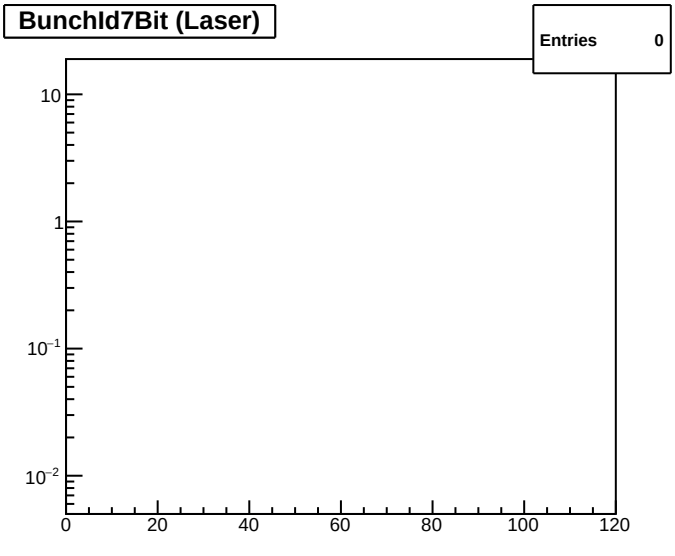
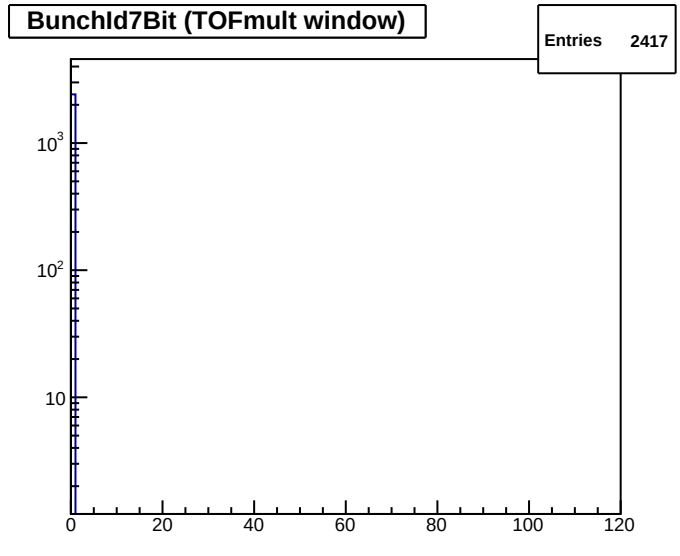

BunchId7Bit (VPD-TAC)
Entries 16601

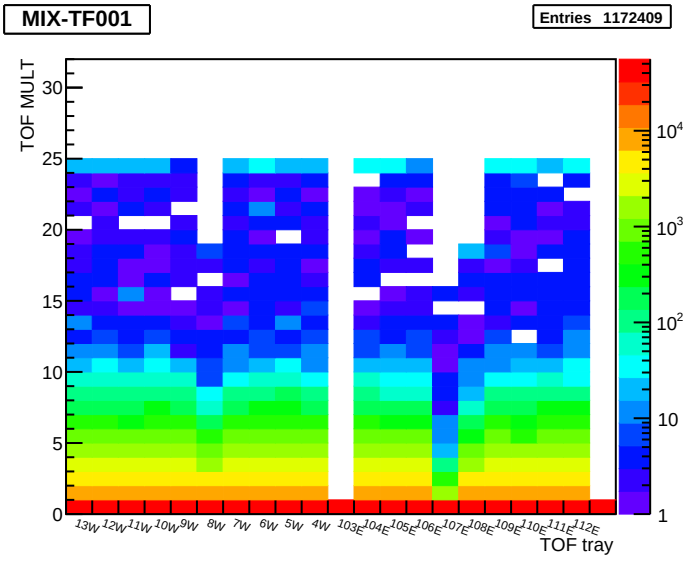

BunchId7Bit (ZDC-TAC)
Entries 100

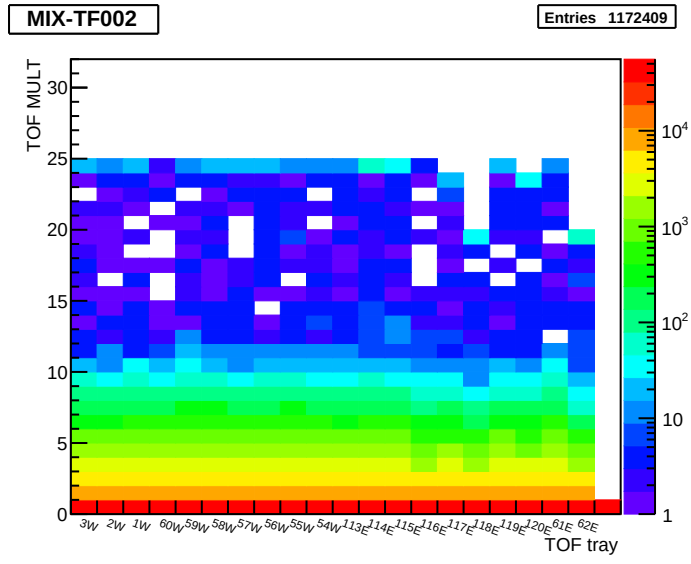

BunchId7Bit (EPD-TAC)
Entries 51370

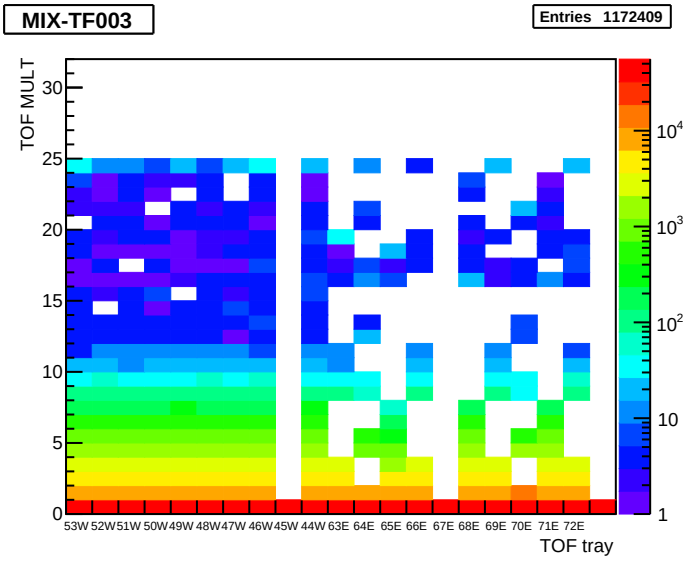

BunchId7Bit (BBC-TAC)
Entries 27608

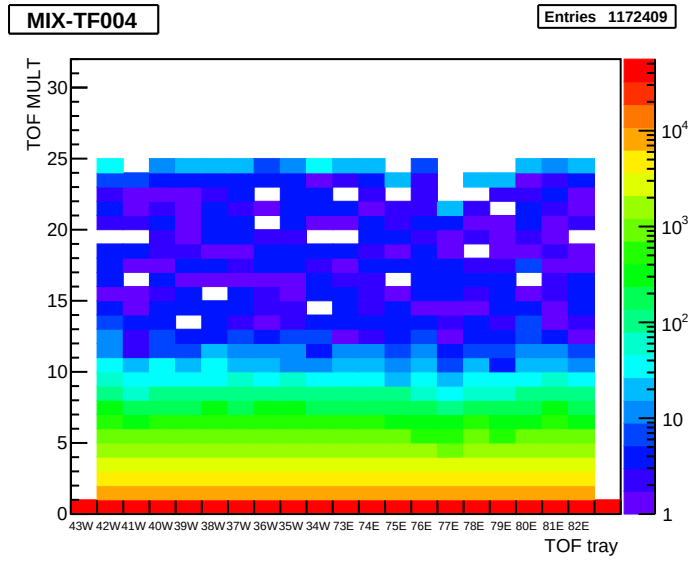

BunchId7Bit (Laser)
Entries 0

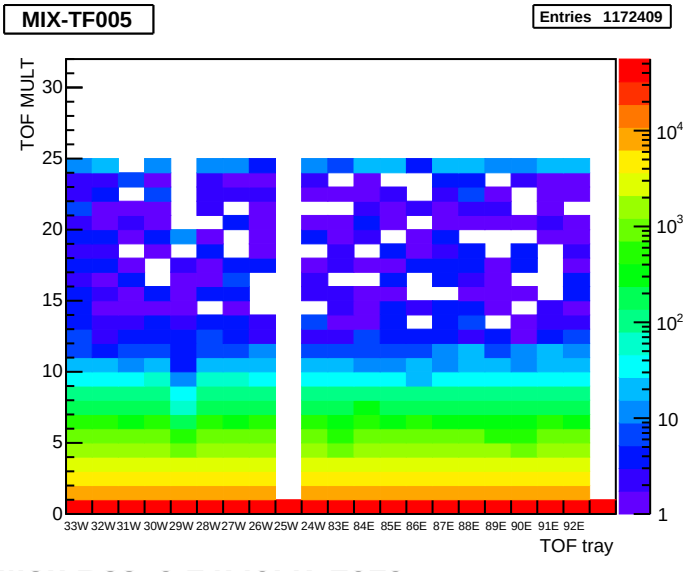

BunchId7Bit (TOFmult window)
Entries 2417

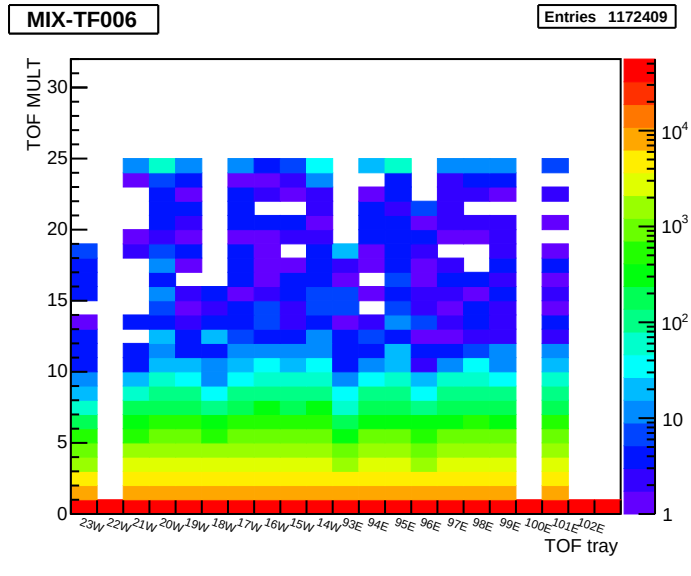

MIX-TF001
Entries 1172409
TOF MULT
TOF tray

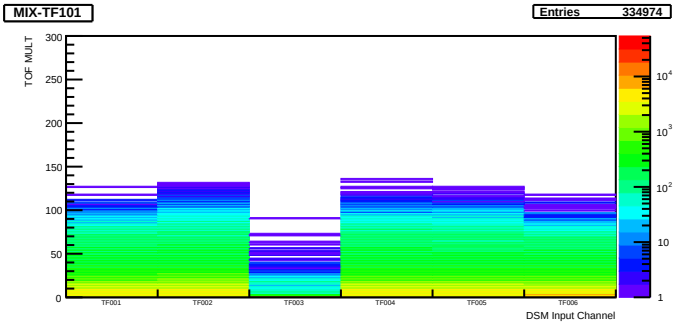

MIX-TF002
Entries 1172409
TOF MULT
TOF tray

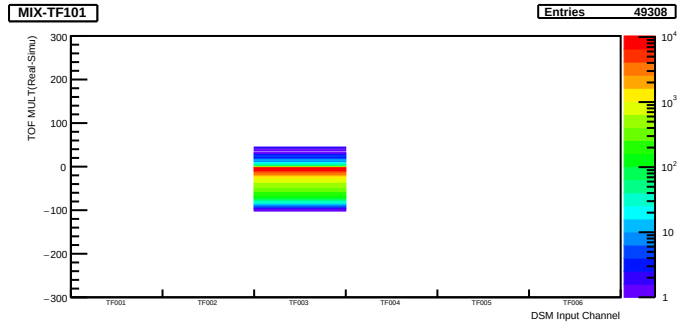

MIX-TF003
Entries 1172409
TOF MULT
TOF tray

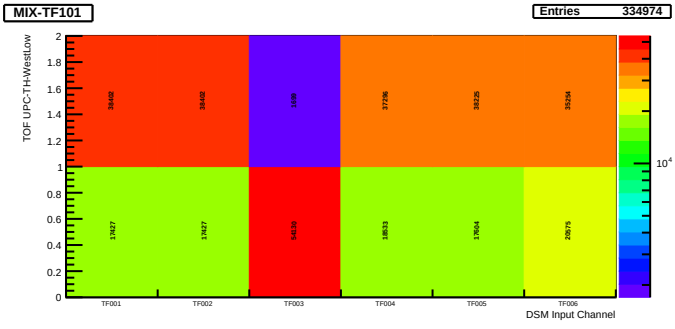

MIX-TF004
Entries 1172409
TOF MULT
TOF tray

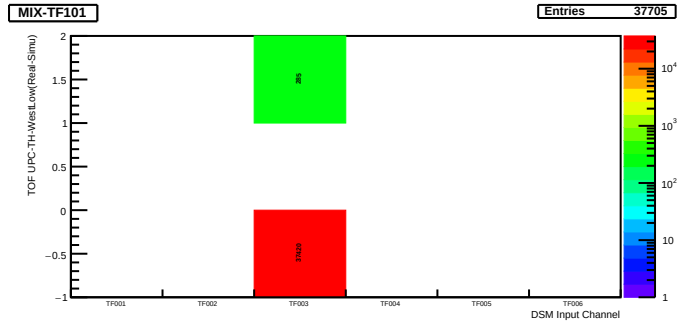

MIX-TF005
Entries 1172409
TOF MULT
TOF tray

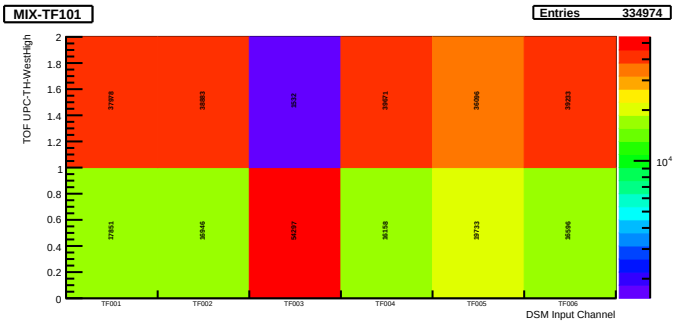

MIX-TF006
Entries 1172409
TOF MULT
TOF tray

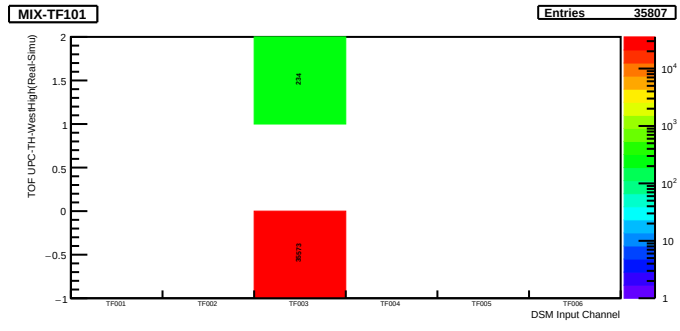

MIX-TF101
Entries 334974
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

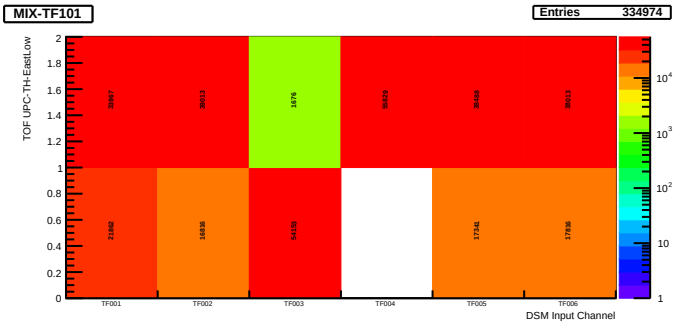

MIX-TF101
Entries 49308
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

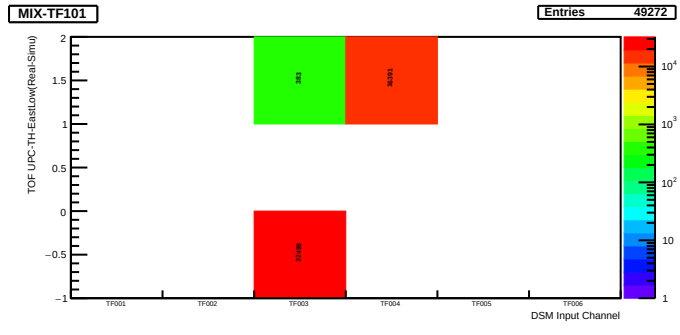

MIX-TF101
Entries 334974
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

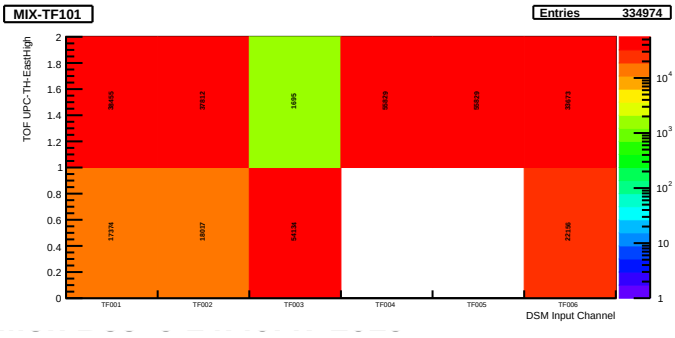

MIX-TF101
Entries 37705
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

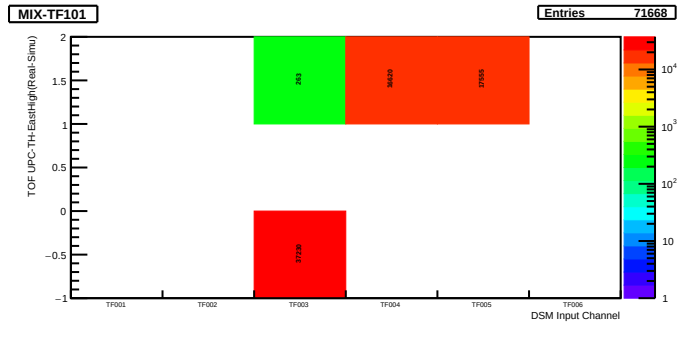

MIX-TF101
Entries 334974
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

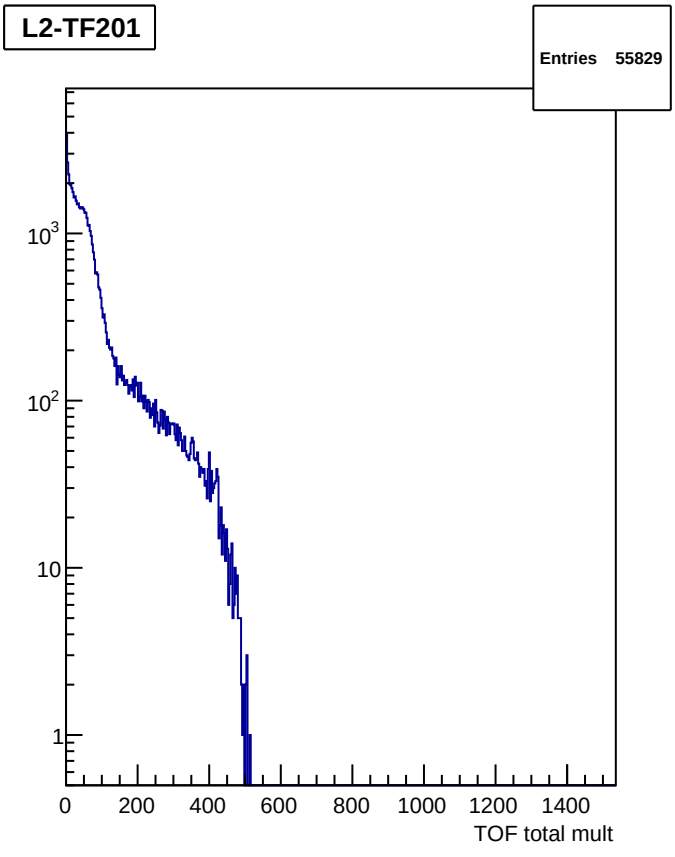

MIX-TF101
Entries 35807
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

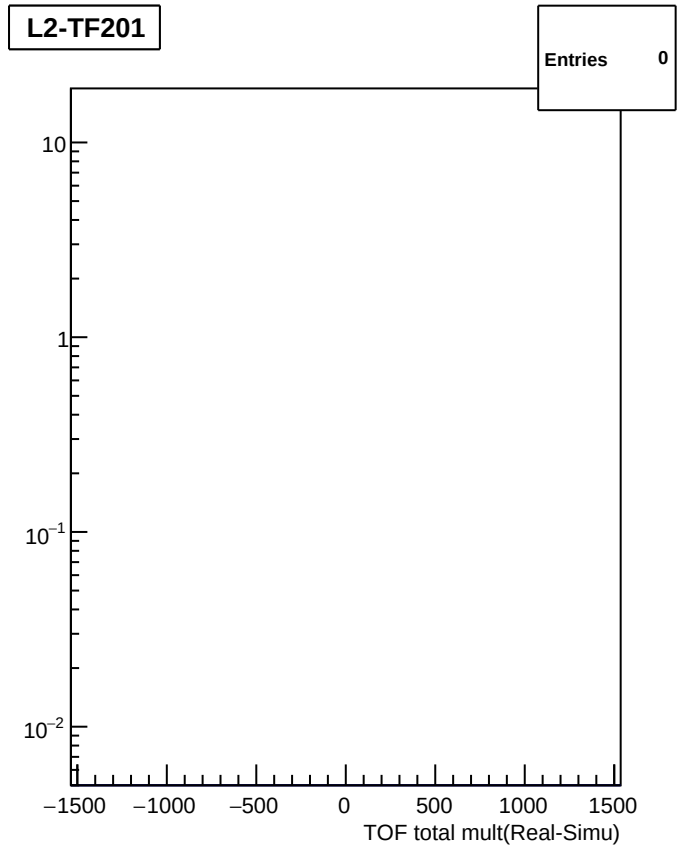

MIX-TF101
Entries 334974
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

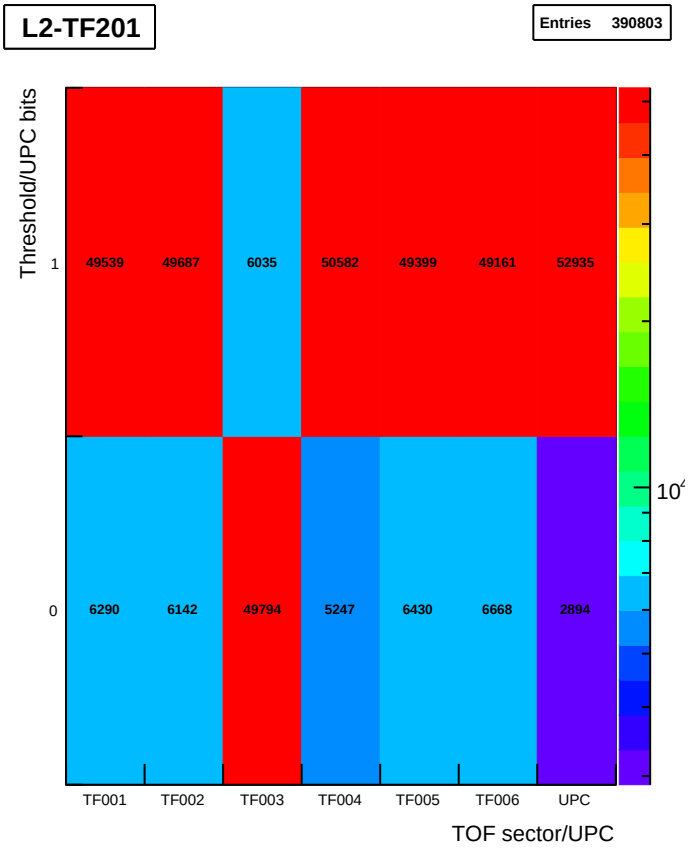

MIX-TF101
Entries 49272
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

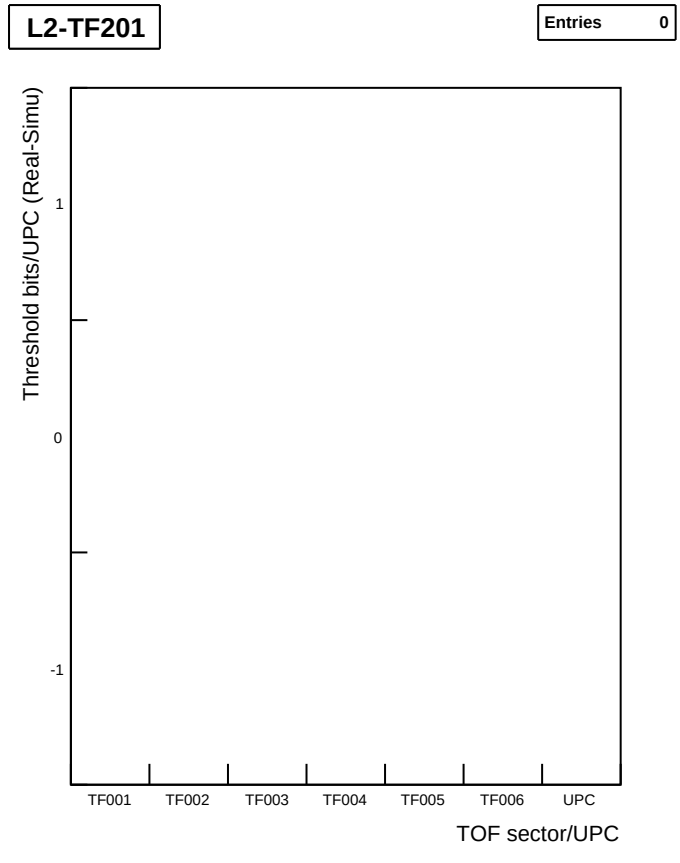

MIX-TF101
Entries 334974
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

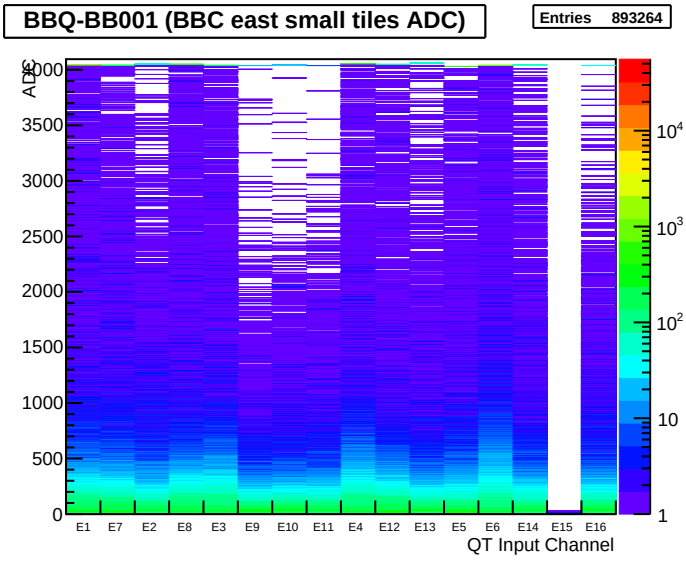

MIX-TF101
Entries 71668
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

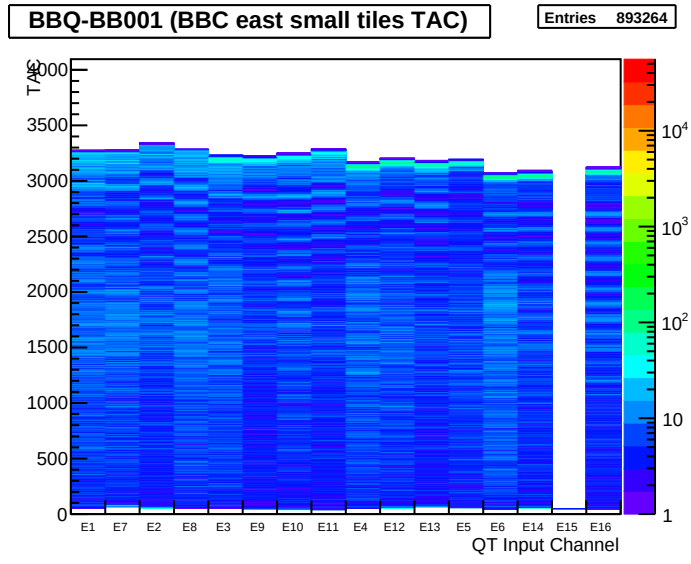

L2-TF201
Entries 55829
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

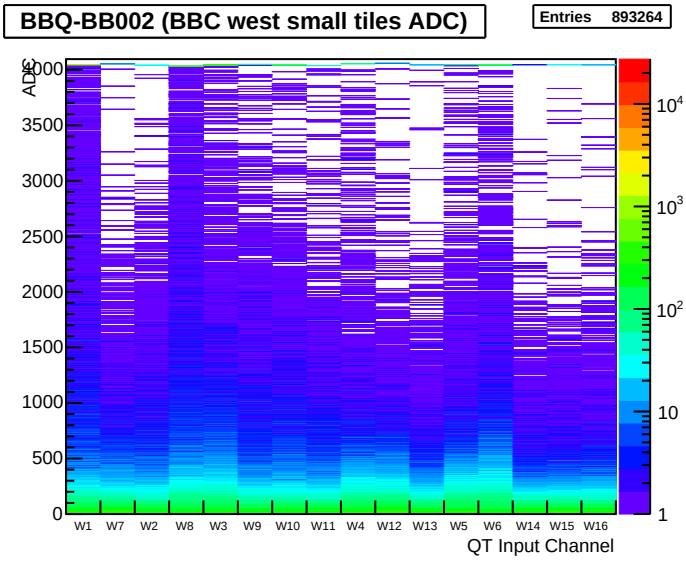

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

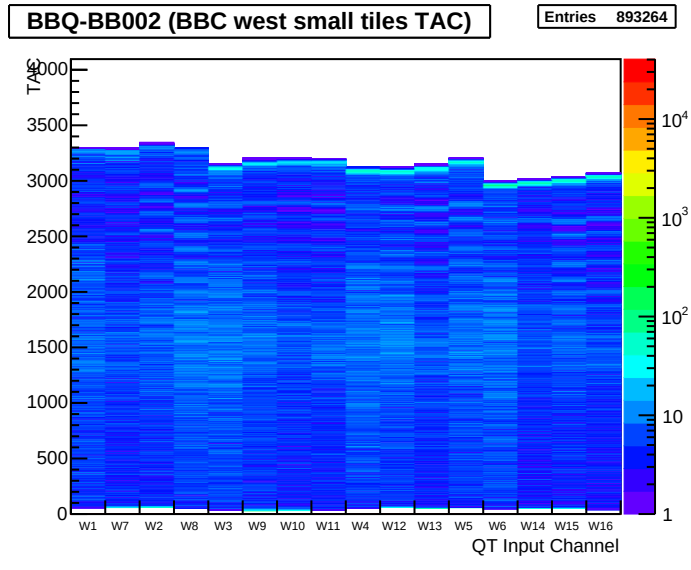

L2-TF201
Entries 390803
Threshold/UPC bits
1
0
49539
49687
6035
50582
49399
49161
52935
6290
6142
49794
5247
6430
6668
2894
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

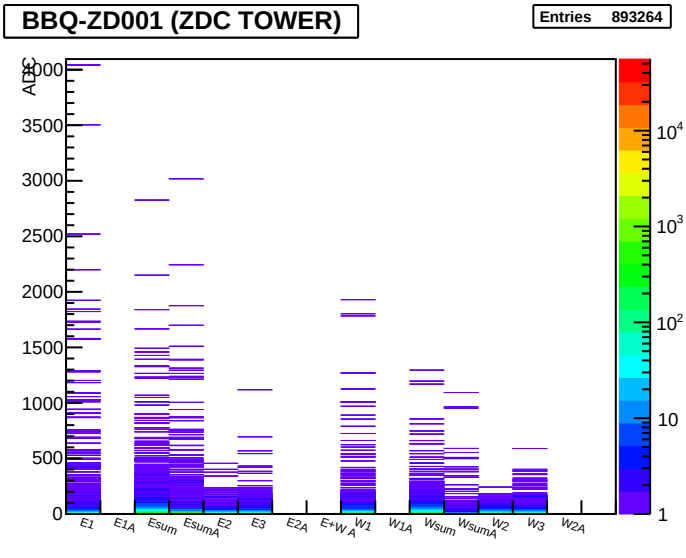

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

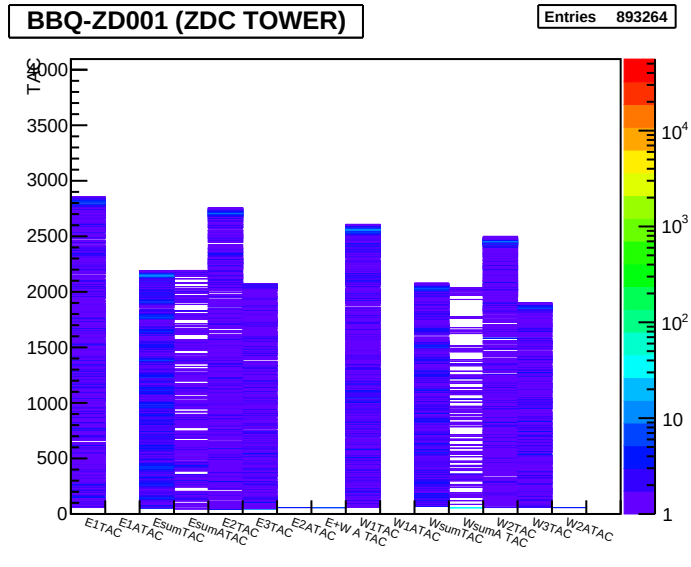

BBQ-BB001 (BBC east small tiles ADC)
Entries 893264
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

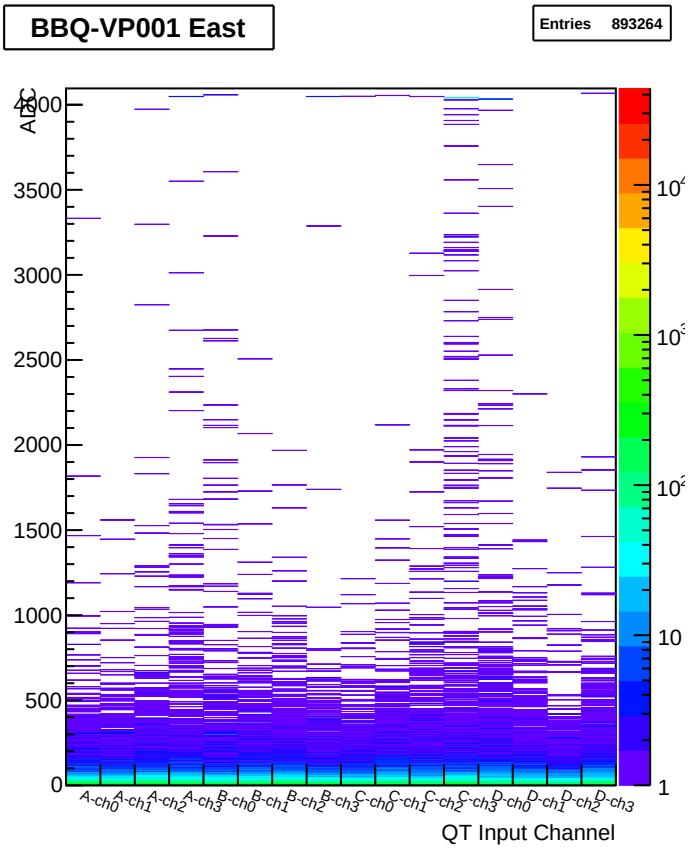

BBQ-BB001 (BBC east small tiles TAC)
Entries 893264
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

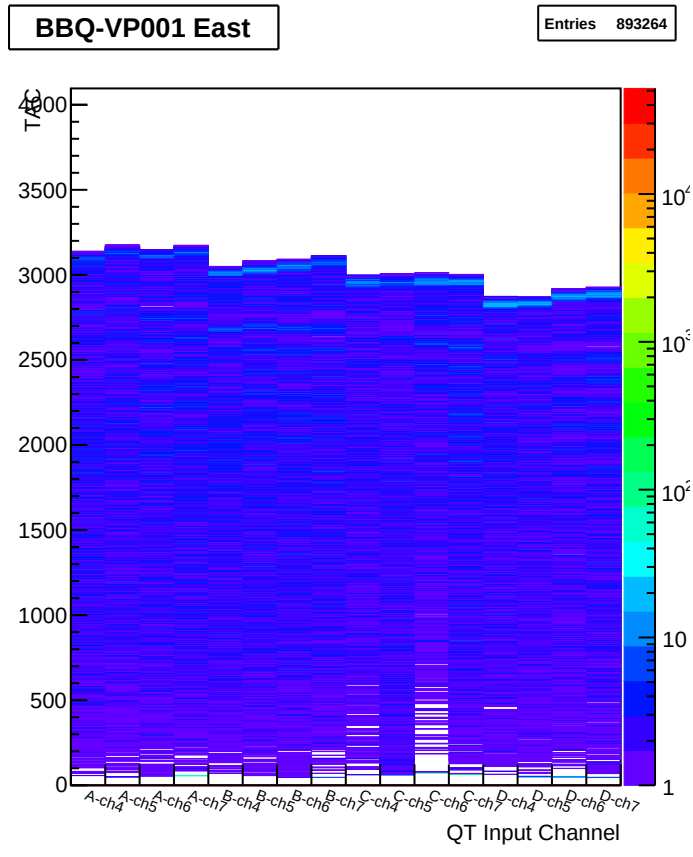

BBQ-BB002 (BBC west small tiles ADC)
Entries 893264
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

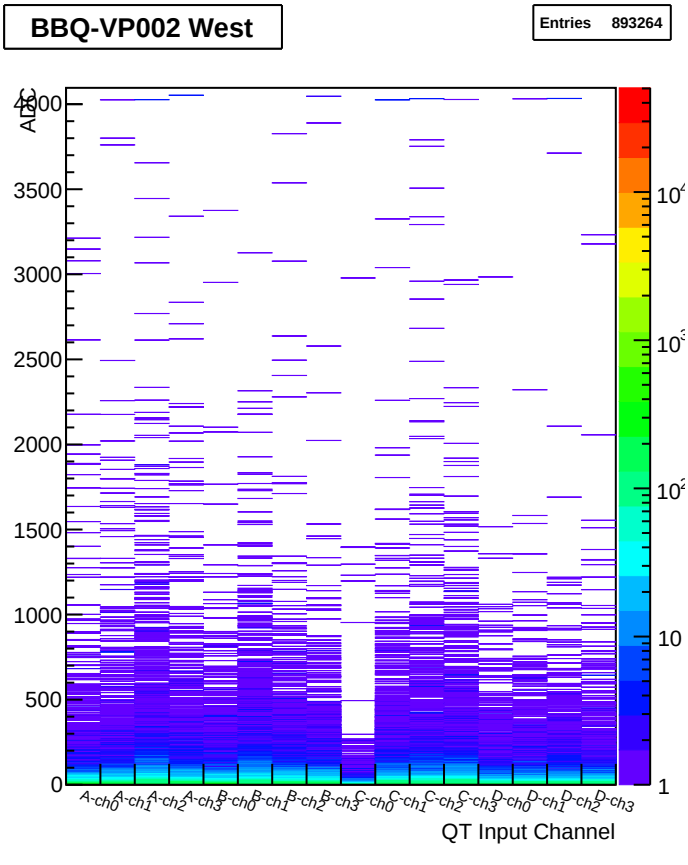

BBQ-BB002 (BBC west small tiles TAC)
Entries 893264
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

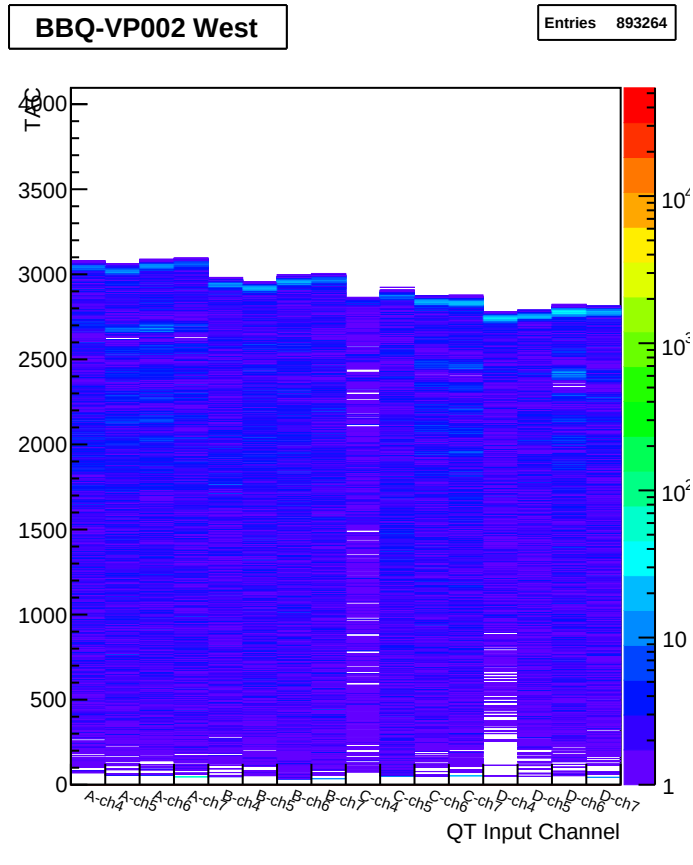

BBQ-ZD001 (ZDC TOWER)
Entries 893264
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

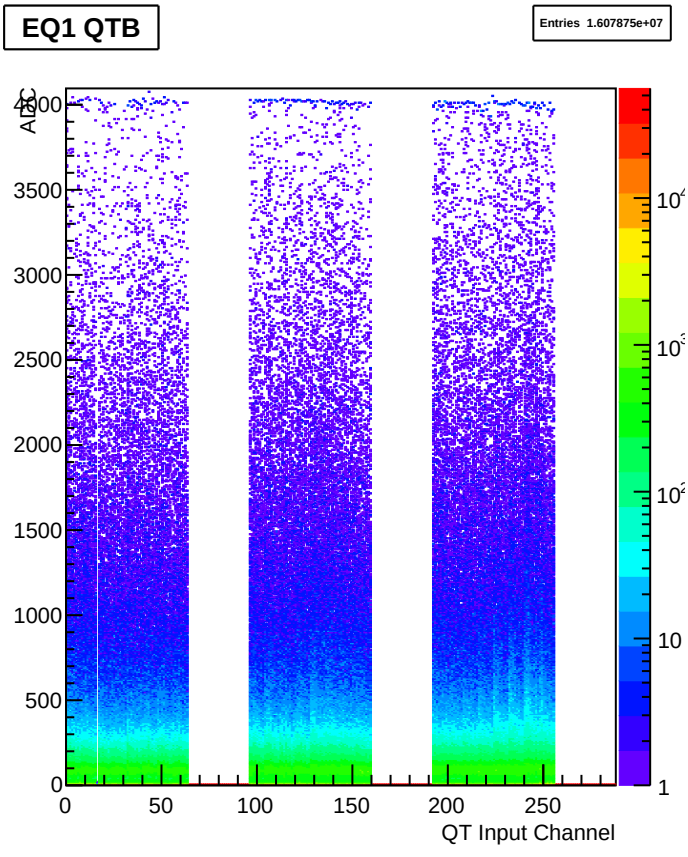

BBQ-ZD001 (ZDC TOWER)
Entries 893264
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

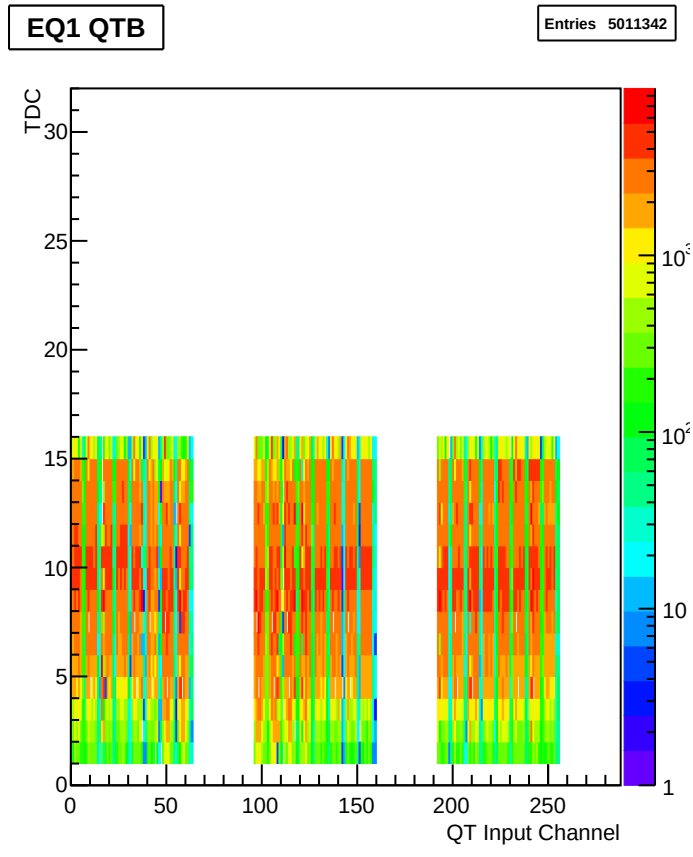

BBQ-VP001 East
Entries 893264
ADC
QT Input Channel

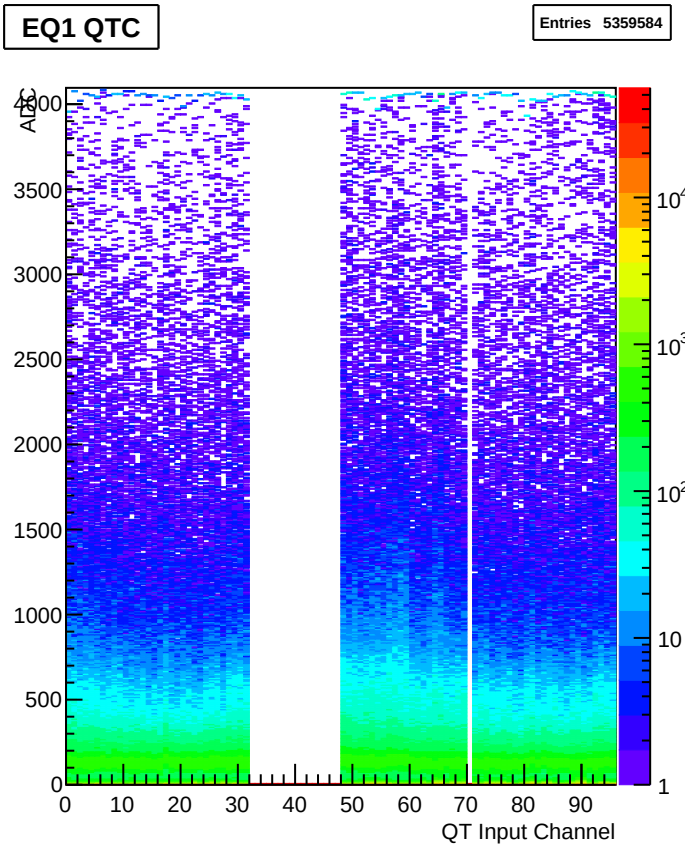

BBQ-VP001 East
Entries 893264
TADC
QT Input Channel

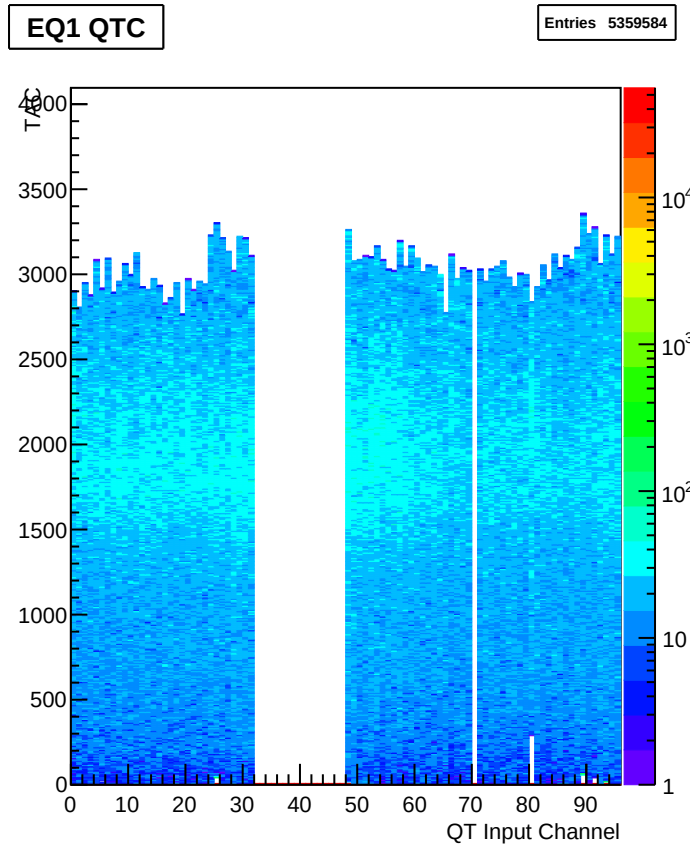

BBQ-VP002 West
Entries 893264
ADC
QT Input Channel

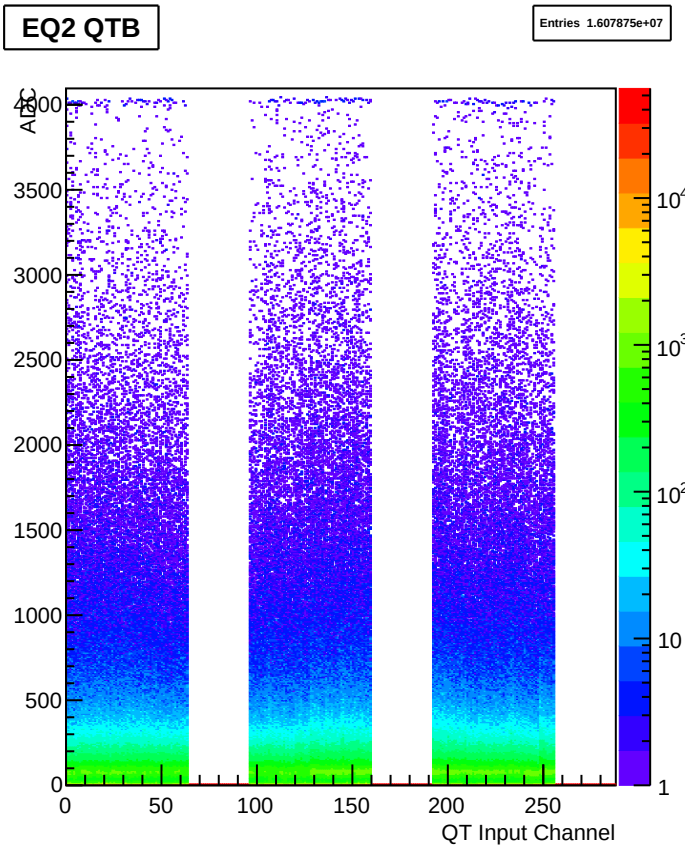

BBQ-VP002 West
Entries 893264
TADC
QT Input Channel

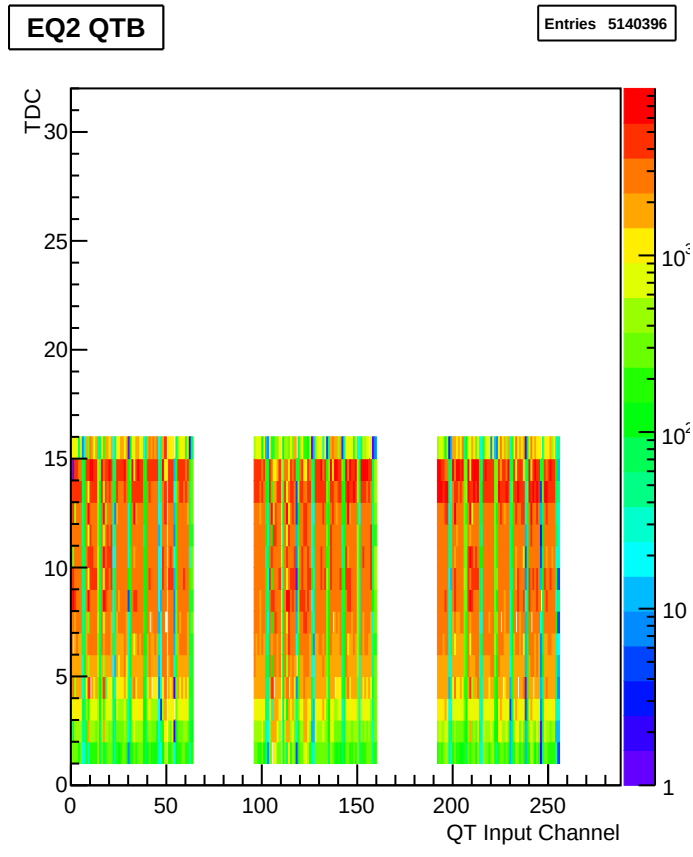

EQ1 QTB
Entries 1.607875e+07
ADC
QT Input Channel

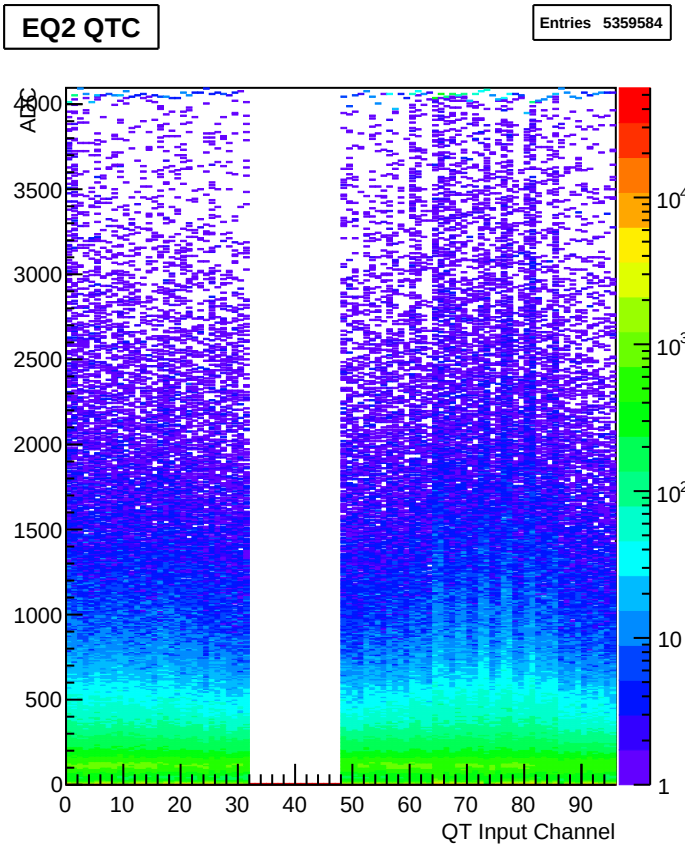

EQ1 QTB
Entries 5011342
TDC
QT Input Channel

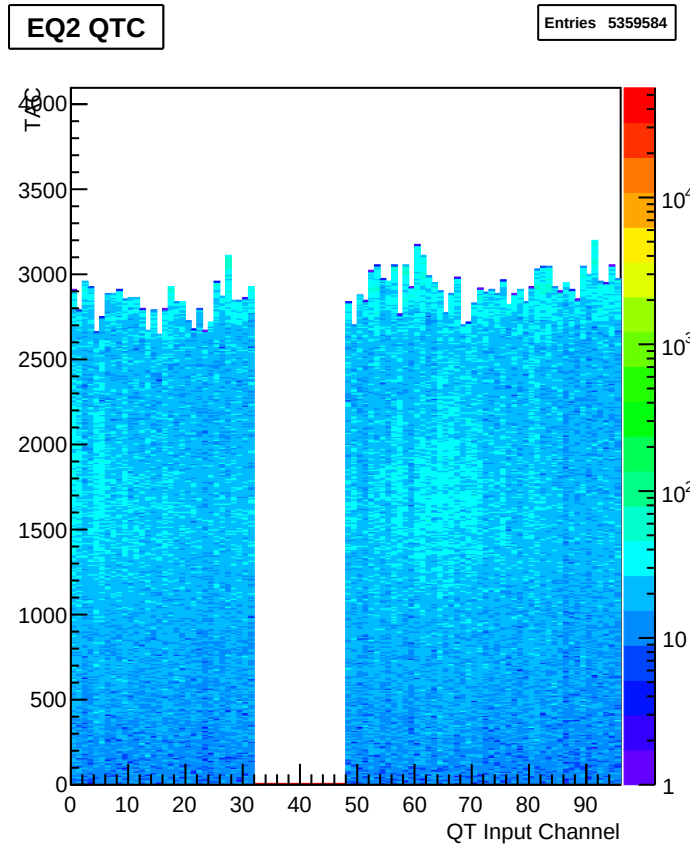

EQ1 QTC
Entries 5359584
ADC
QT Input Channel

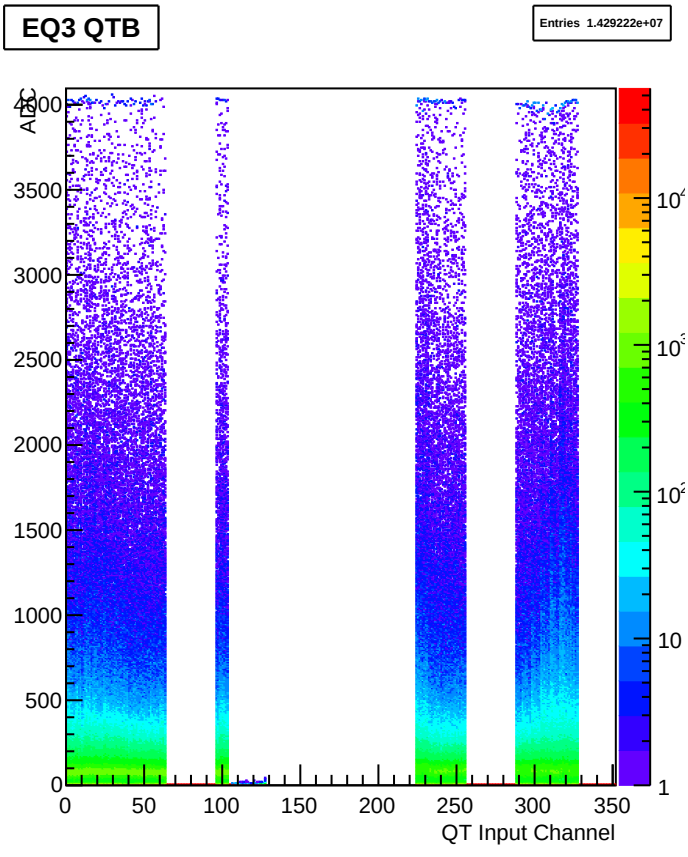

EQ1 QTC
Entries 5359584
TADC
QT Input Channel

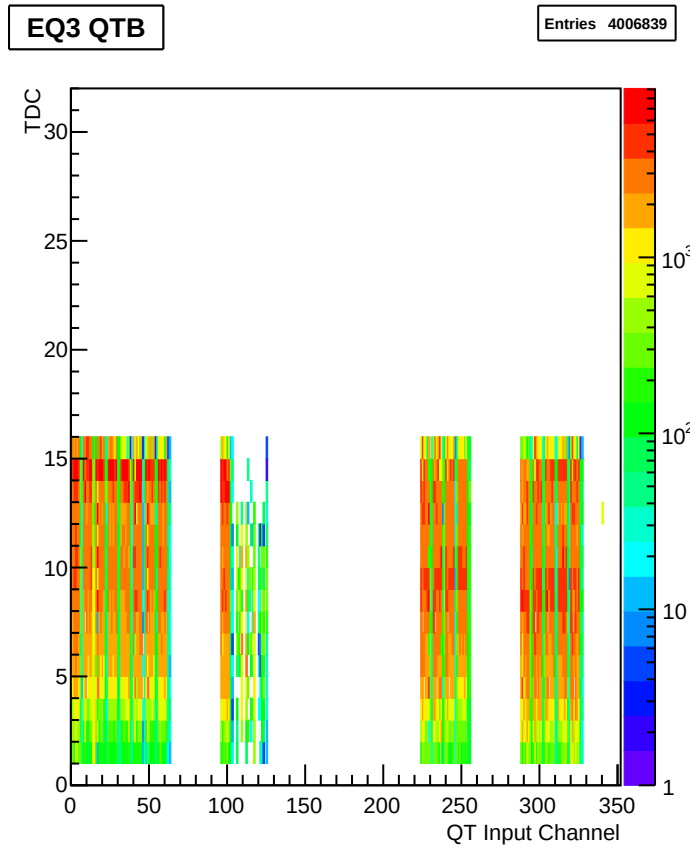

EQ2 QTB
Entries 1.607875e+07
ADC
QT Input Channel

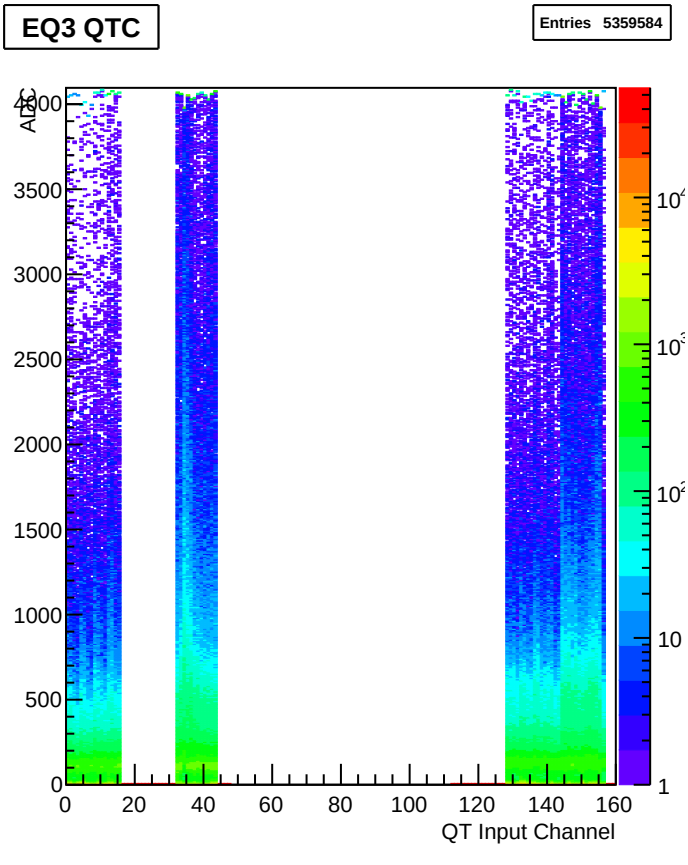

EQ2 QTB
Entries 5140396
TDC
QT Input Channel

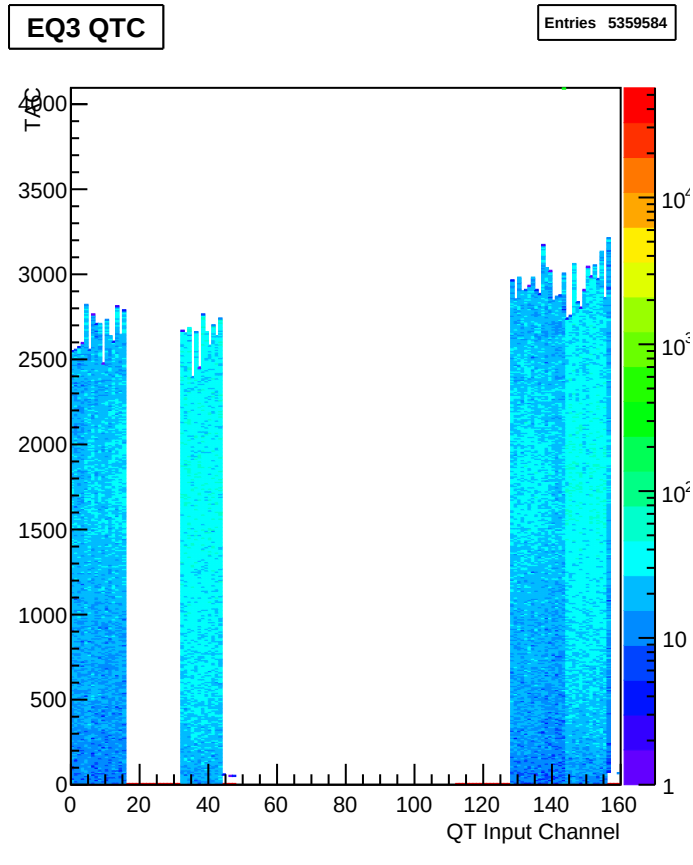

EQ2 QTC
Entries 5359584
ADC
QT Input Channel

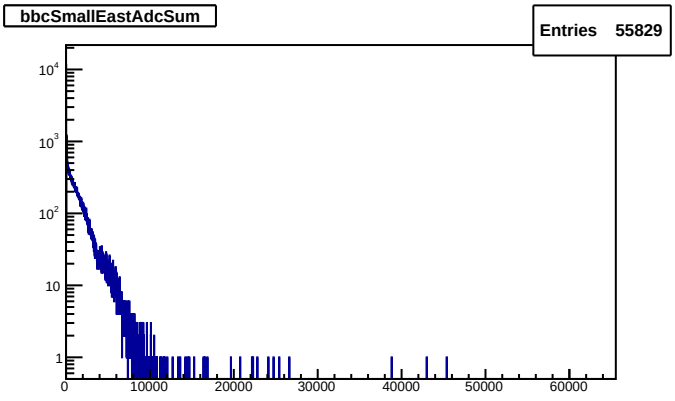

EQ2 QTC
Entries 5359584
TADC
QT Input Channel

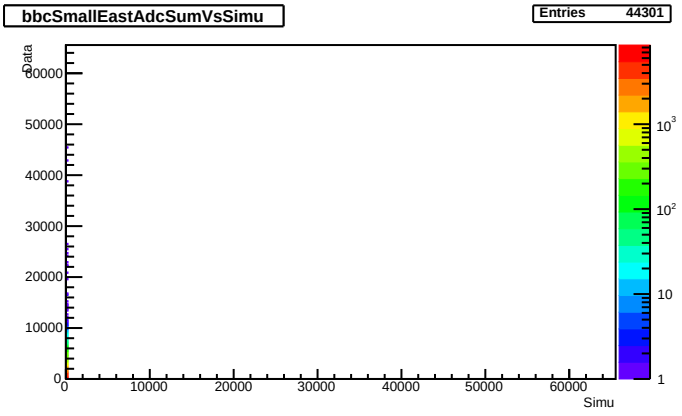

EQ3 QTB
Entries 1.429222e+07
ADC
QT Input Channel

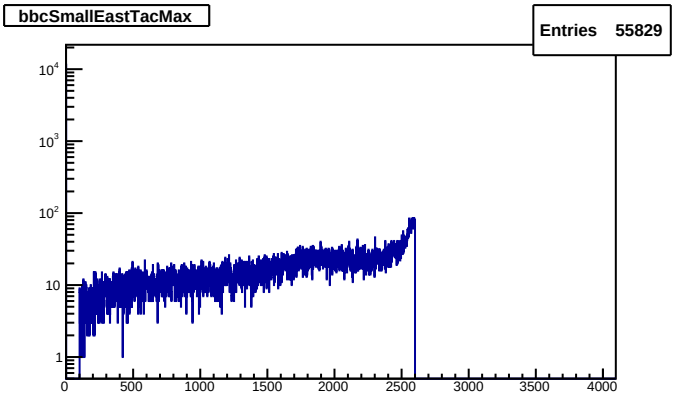

EQ3 QTB
Entries 4006839
TDC
QT Input Channel

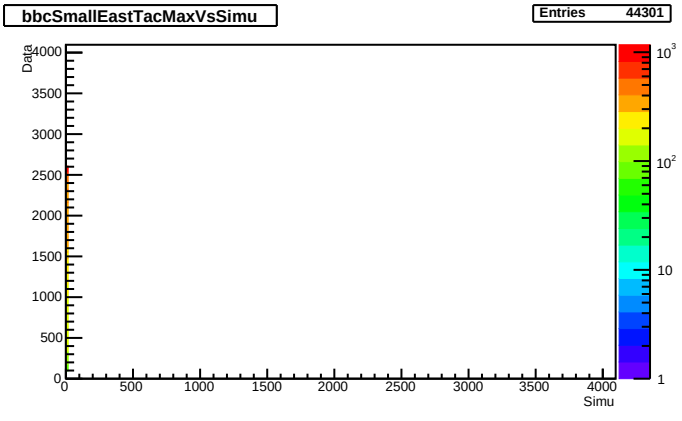

EQ3 QTC
Entries 5359584
ADC
QT Input Channel

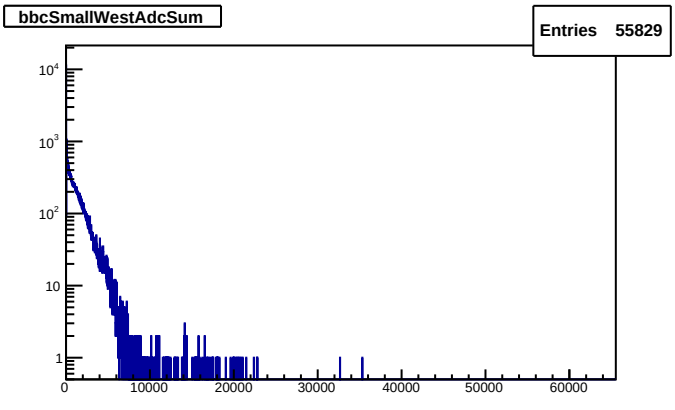

EQ3 QTC
Entries 5359584
TADC
QT Input Channel

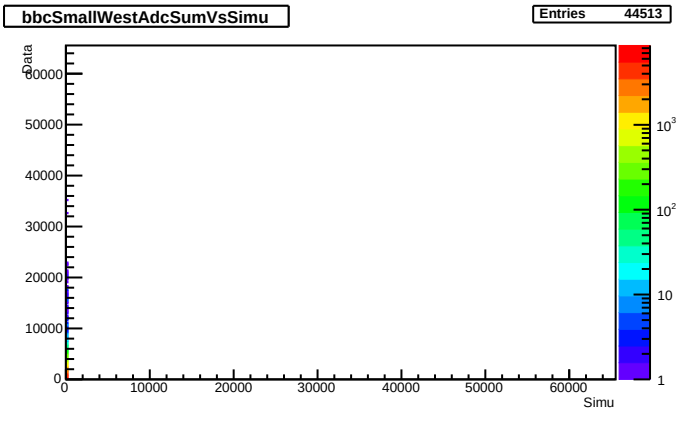

bbcSmallEastAdcSum
Entries 55829

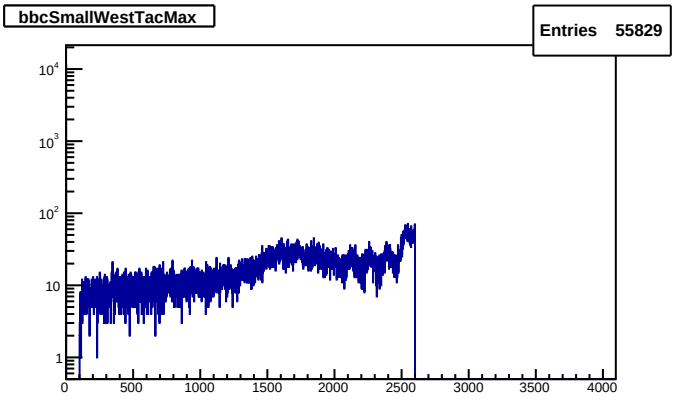

bbcSmallEastAdcSumVsSimu
Entries 44301
Data
Simu

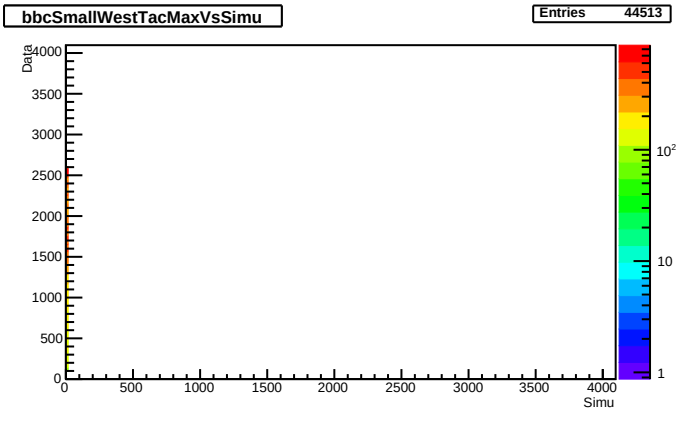

bbcSmallEastTacMax
Entries 55829

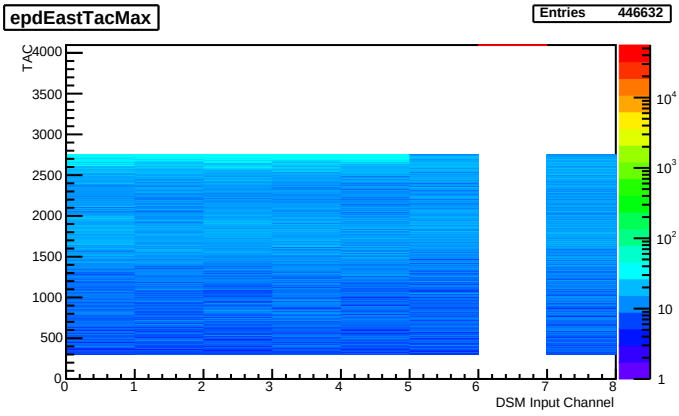

bbcSmallEastTacMaxVsSimu
Entries 44301
Data
Simu

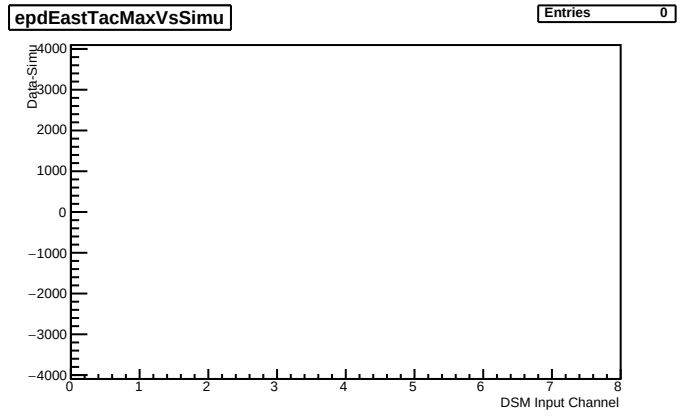

bbcSmallWestAdcSum
Entries 55829

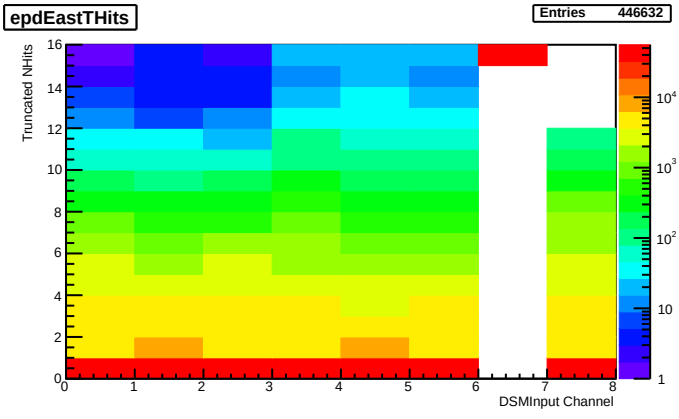

bbcSmallWestAdcSumVsSimu
Entries 44513
Data
Simu

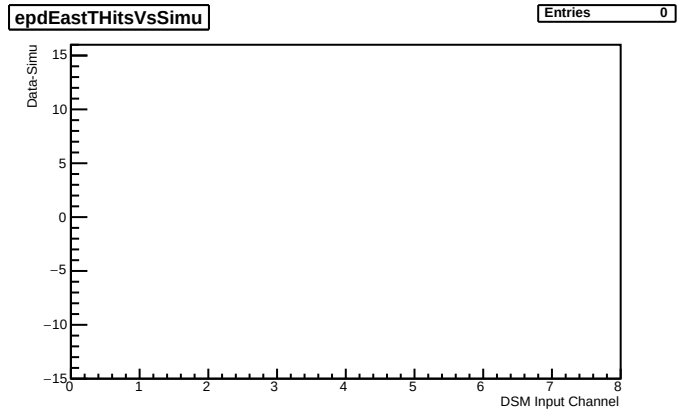

bbcSmallWestTacMax
Entries 55829

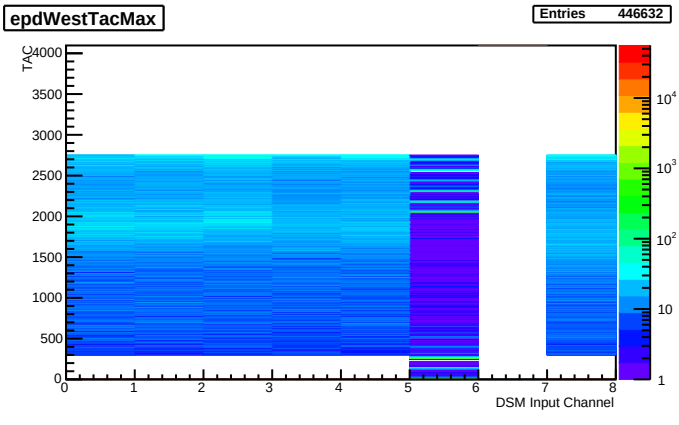

bbcSmallWestTacMaxVsSimu
Entries 44513
Data
Simu

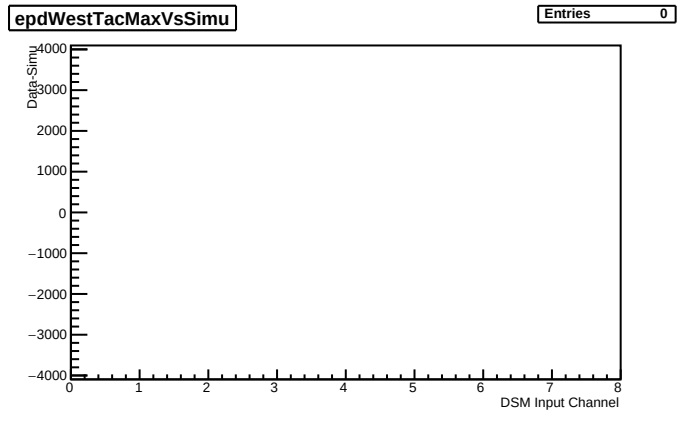

epdEastTacMax
Entries 446632
TAC
DSM Input Channel

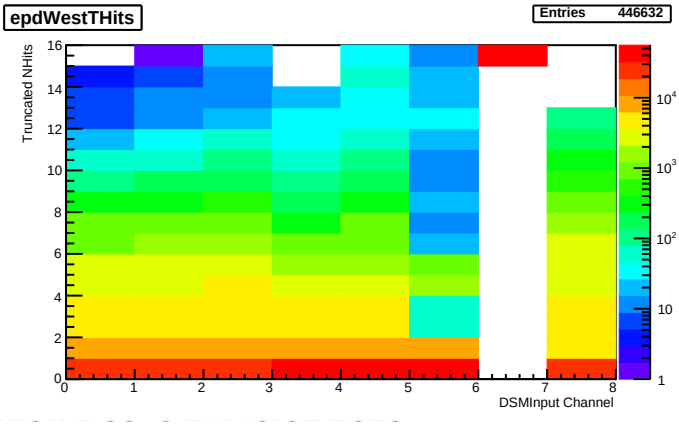

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

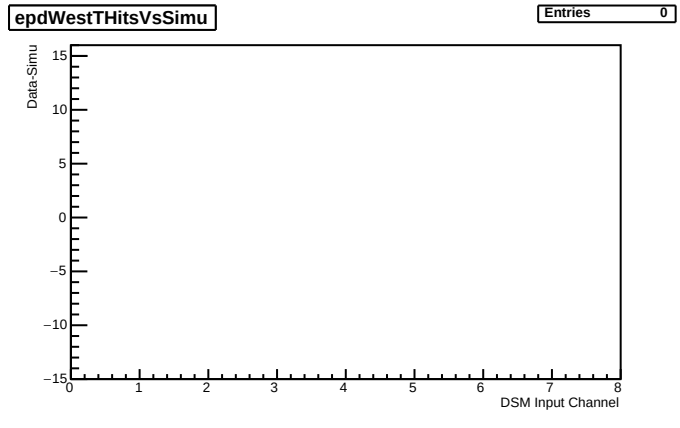

epdEastTHits
Entries 446632
Truncated NHits
DSMInput Channel

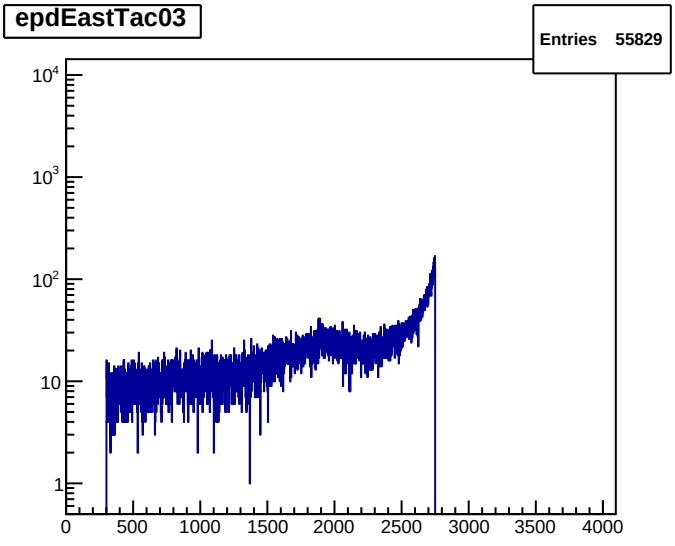

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

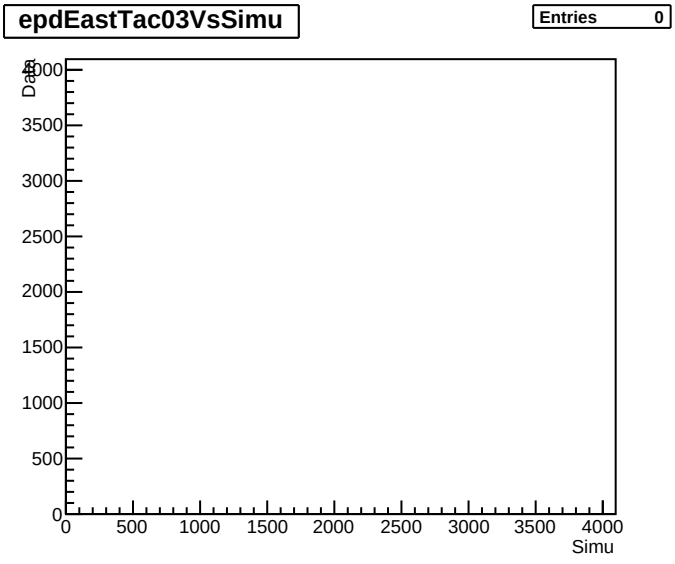

epdWestTacMax
Entries 446632
TAC
DSM Input Channel

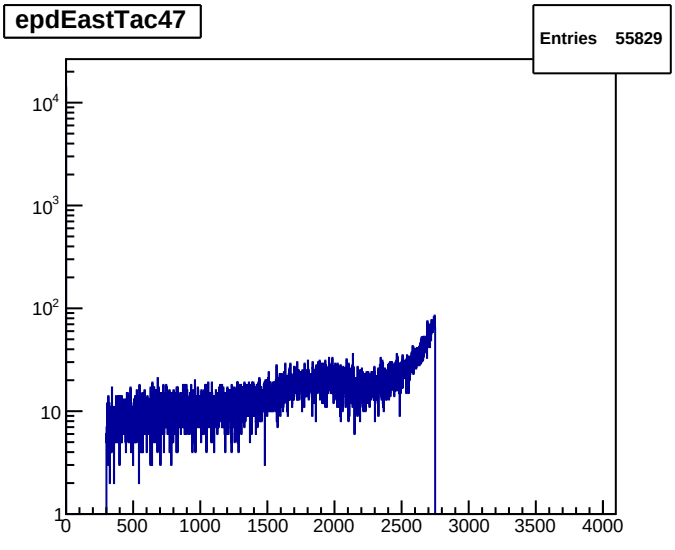

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

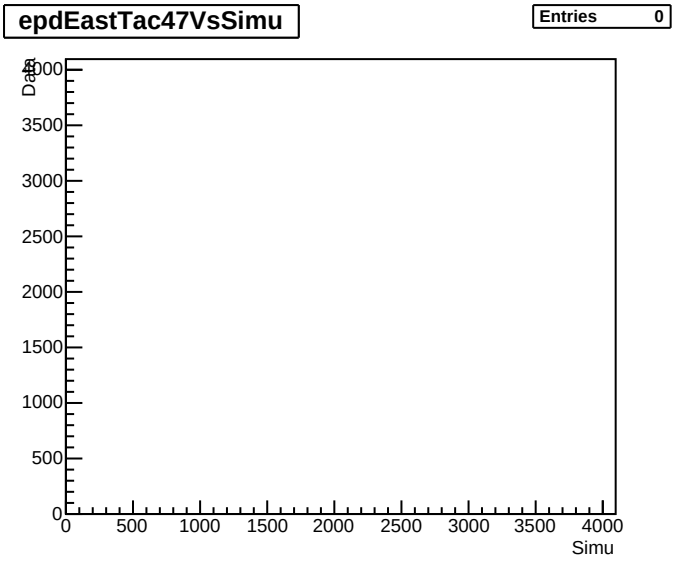

epdWestTHits
Entries 446632
Truncated NHits
DSMInput Channel

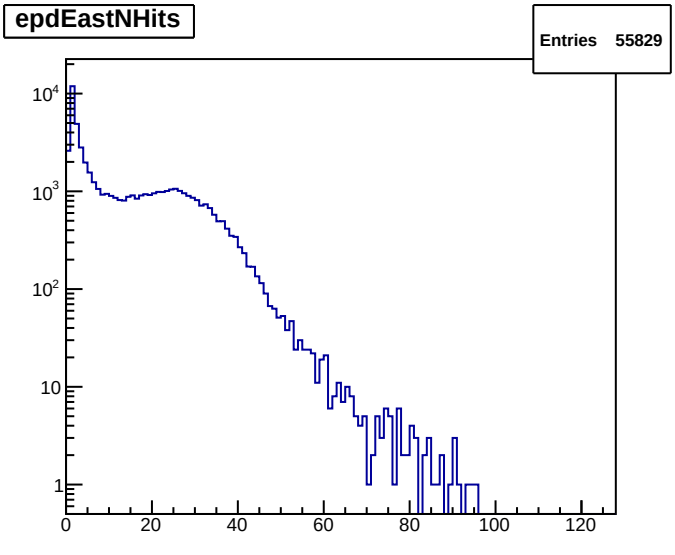

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

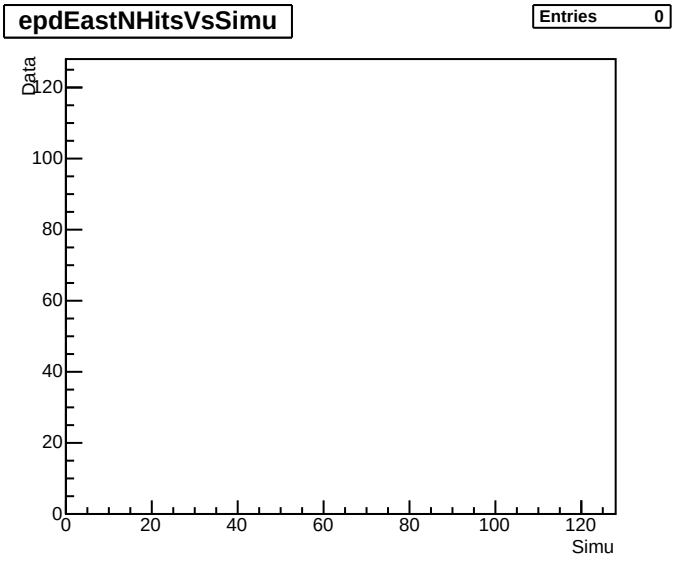

epdEastTac03
Entries 55829

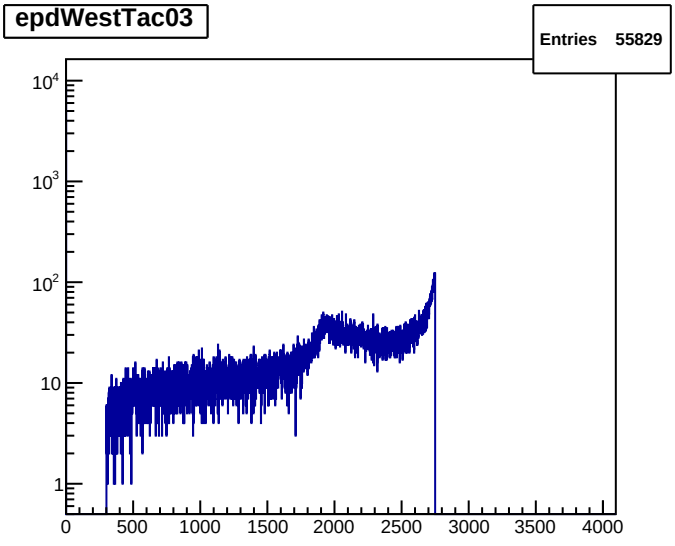

epdEastTac03VsSimu
Entries 0
Data
Simu

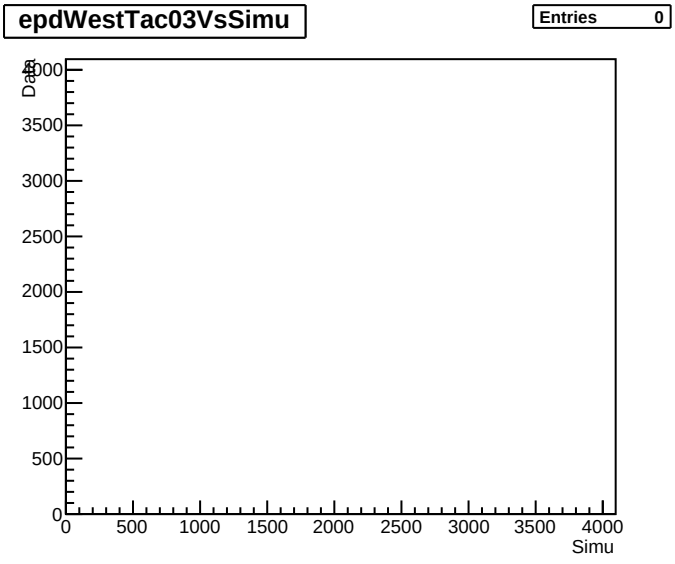

epdEastTac47
Entries 55829

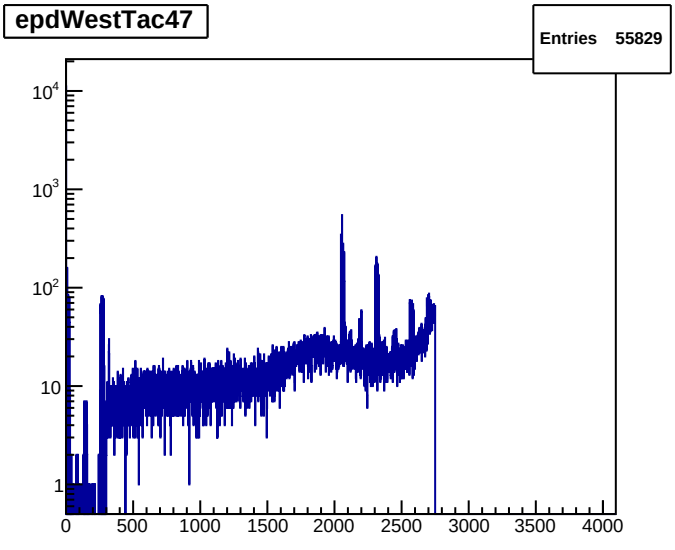

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 55829


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 55829


epdWestTac03VsSimu
Entries 0
Data
Simu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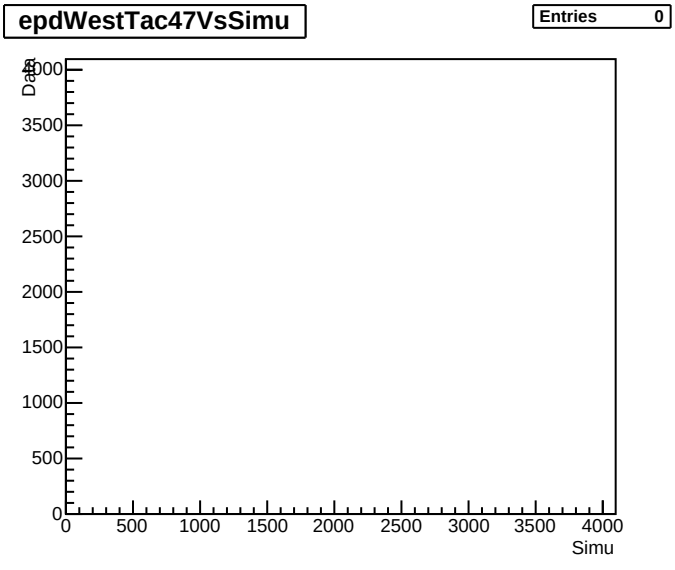
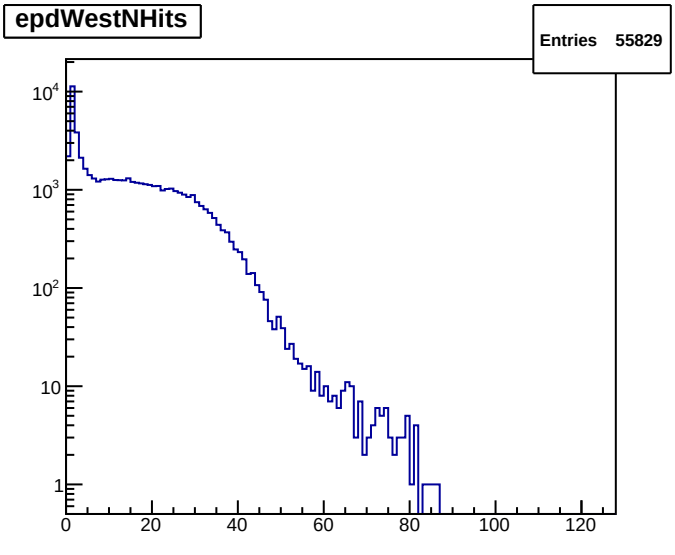
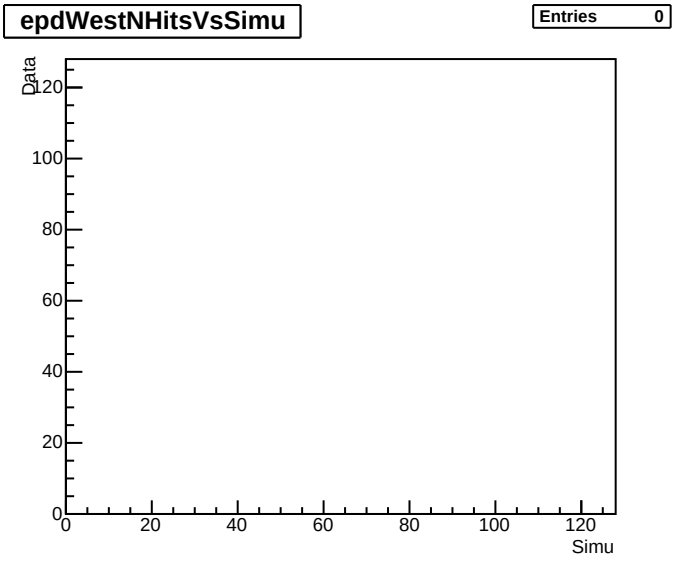
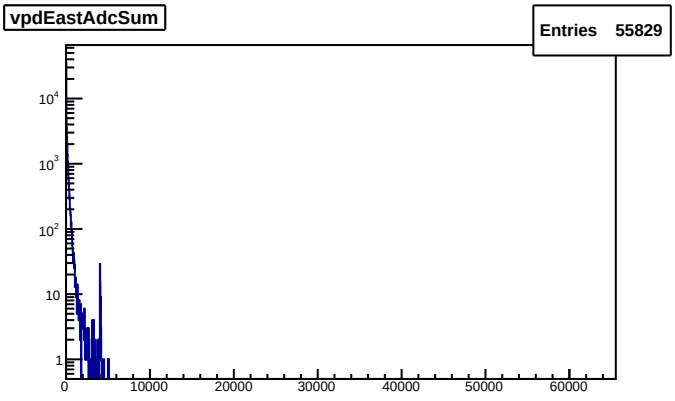
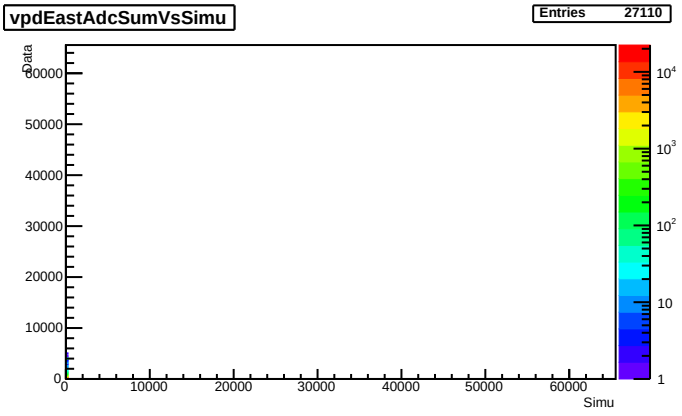
Entries 55829

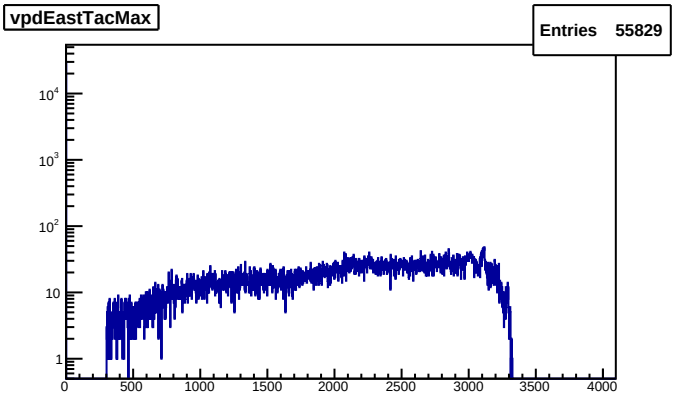

epdWestTac47VsSimu
Entries 0
Data
Simu

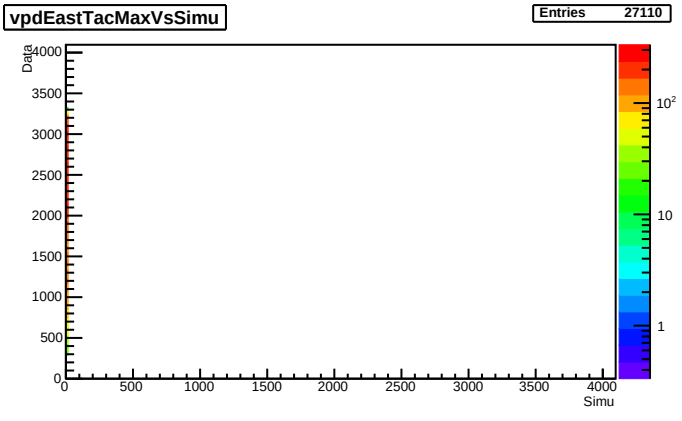

epdWestNHits
Entries 55829

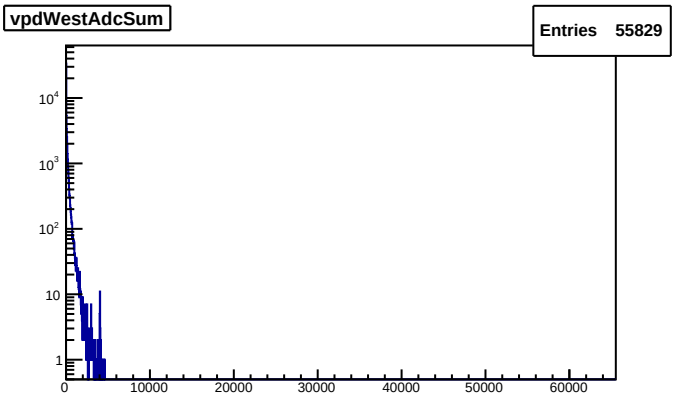

epdWestNHitsVsSimu
Entries 0
Data
Simu

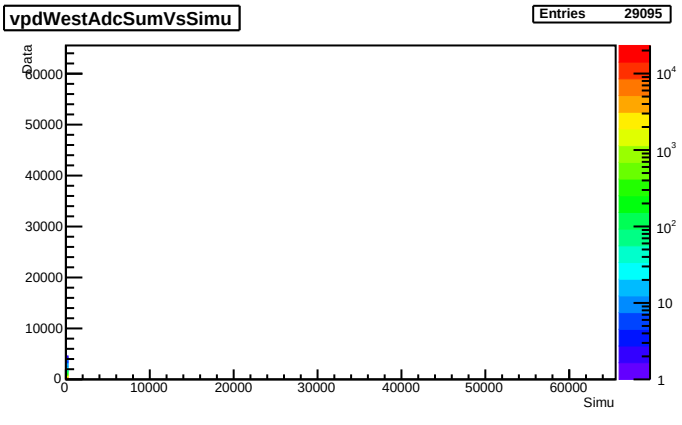

vpdEastAdcSum
Entries 55829

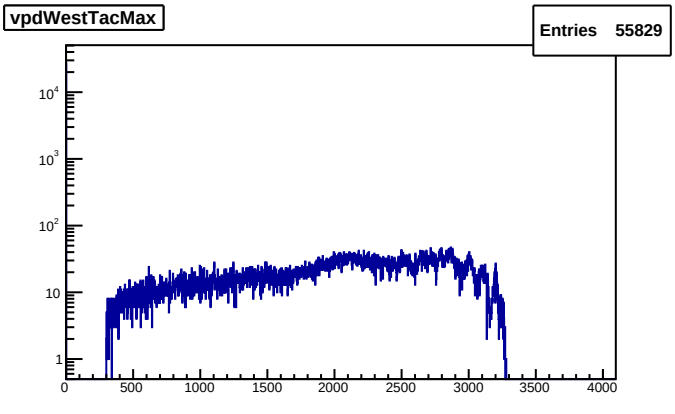

vpdEastAdcSumVsSimu
Entries 27110
Data
Simu

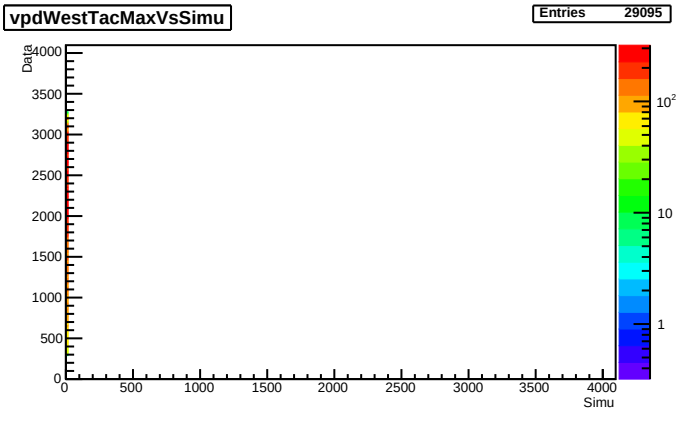

vpdEastTacMax
Entries 55829

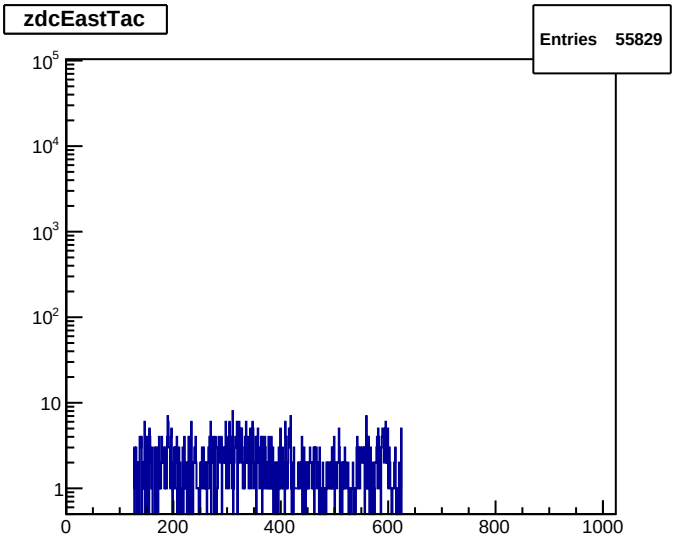

vpdEastTacMaxVsSimu
Entries 27110
Data
Simu

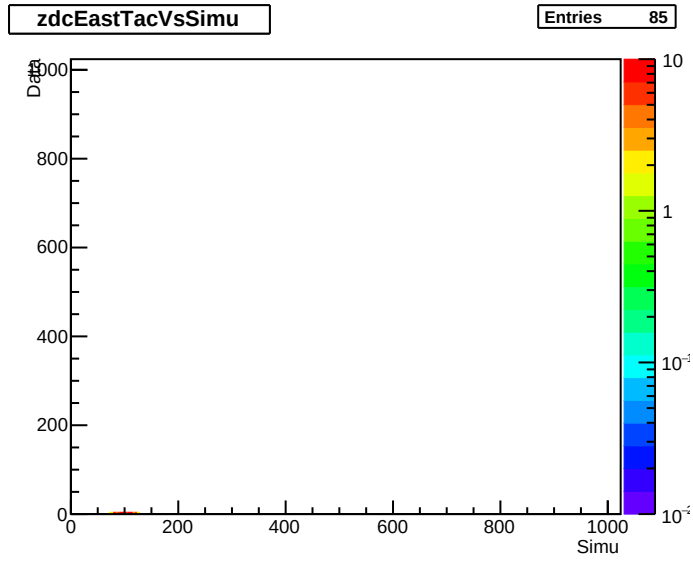

vpdWestAdcSum
Entries 55829

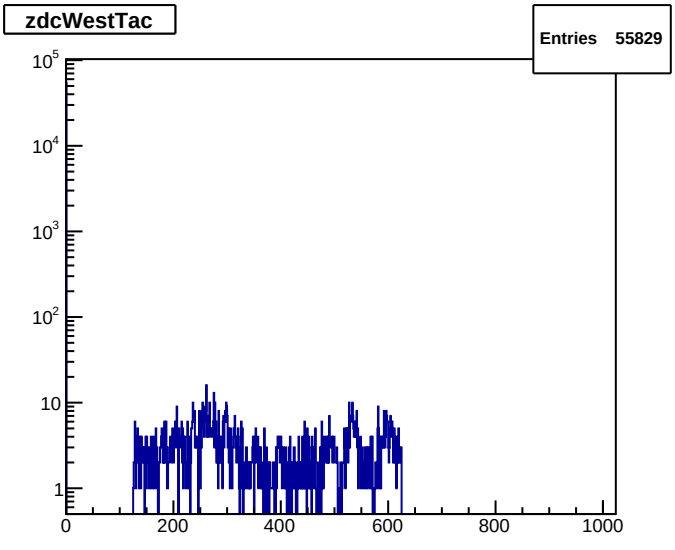

vpdWestAdcSumVsSimu
Entries 29095
Data
Simu

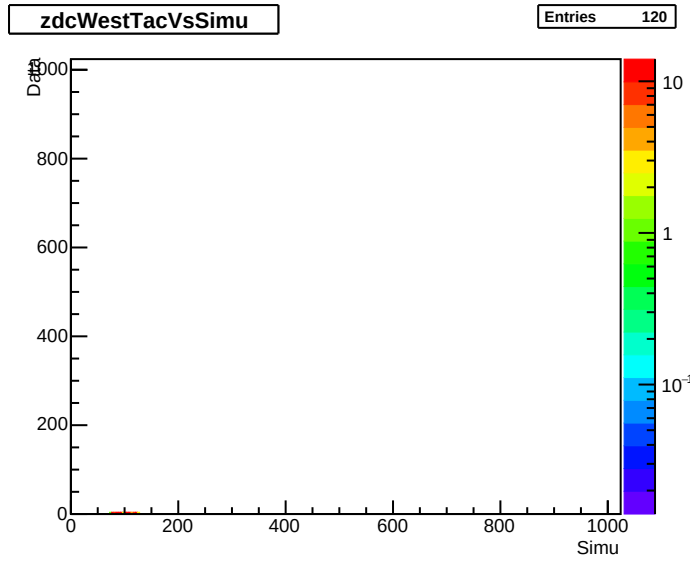

vpdWestTacMax
Entries 55829

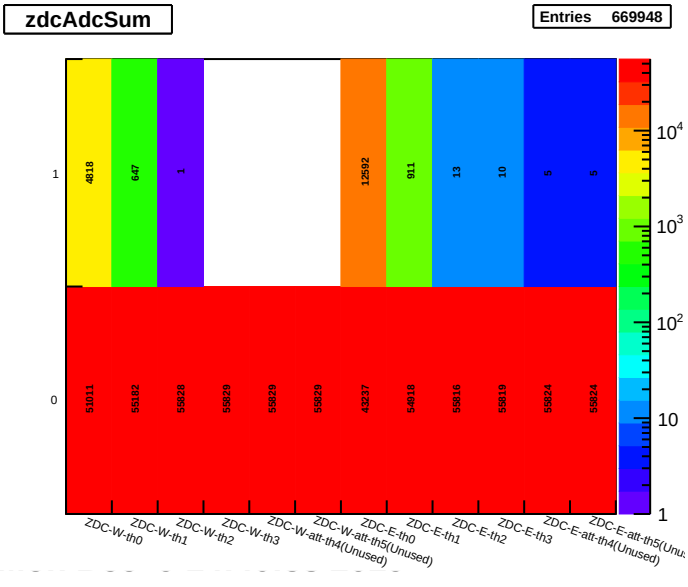

vpdWestTacMaxVsSimu
Entries 29095
Data
Simu

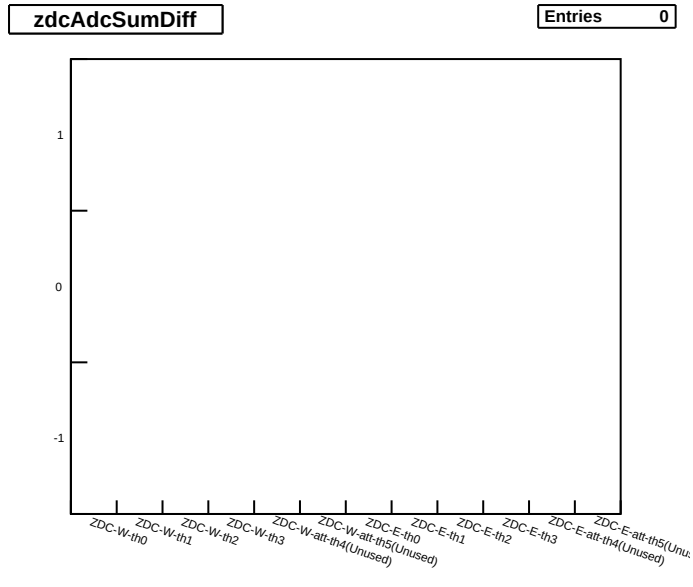

zdcEastTac
Entries 55829

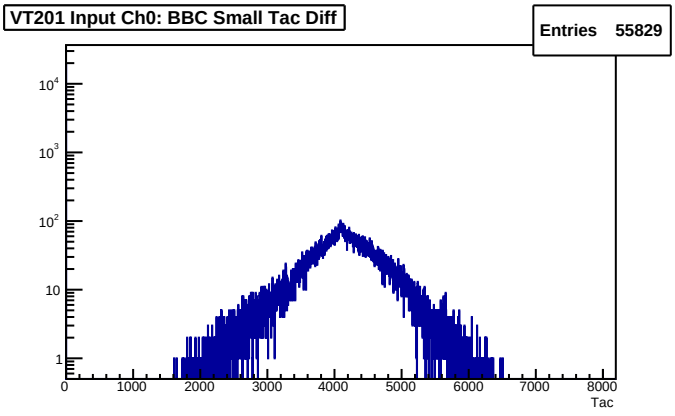

zdcEastTacVsSimu
Entries 85
Data
Simu

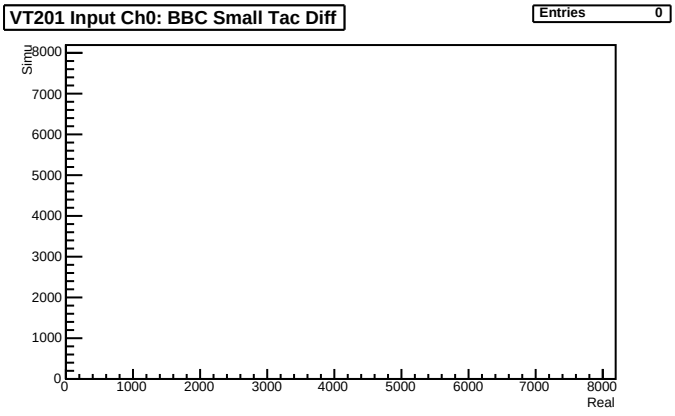

zdcWestTac
Entries 55829

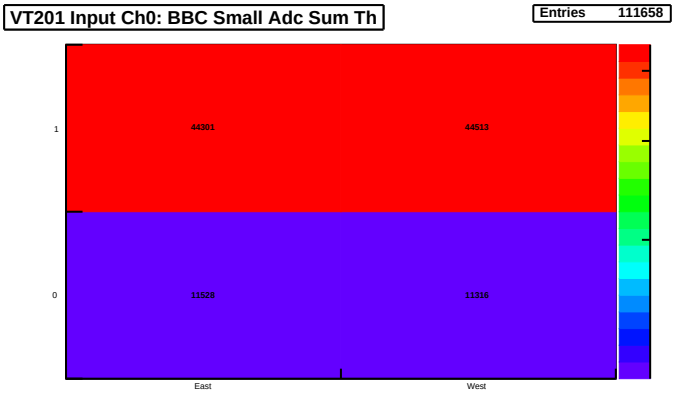

zdcWestTacVsSimu
Entries 120
Data
Simu

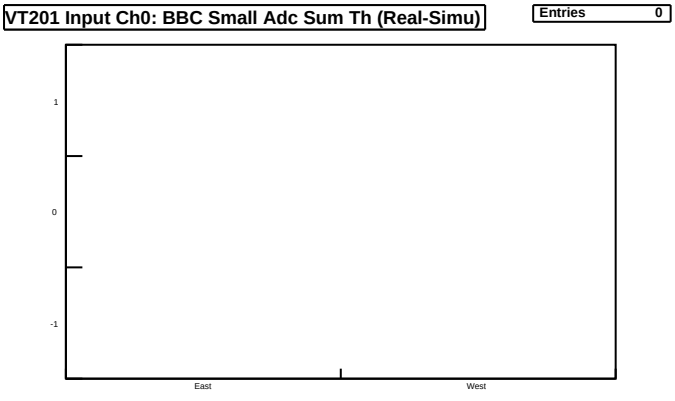

zdcAdcSum
Entries 669948
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

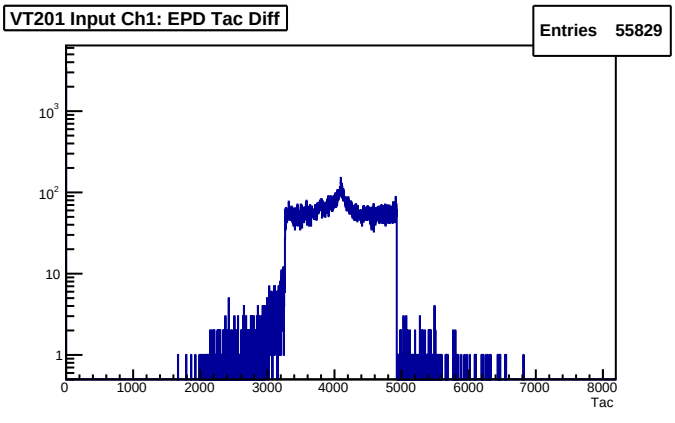

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

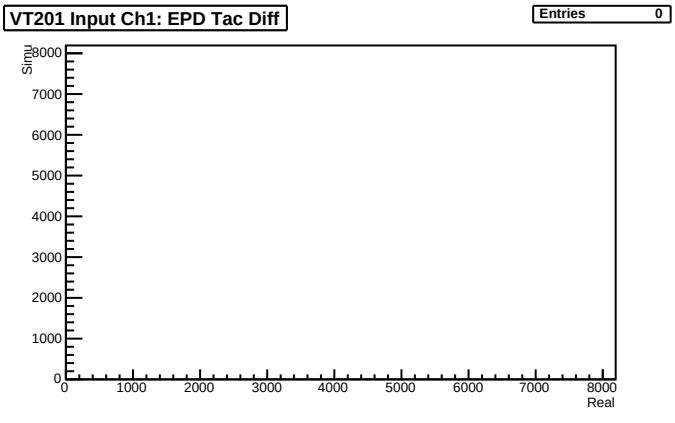

VT201 Input Ch0: BBC Small Tac Diff
Entries 55829
Tac

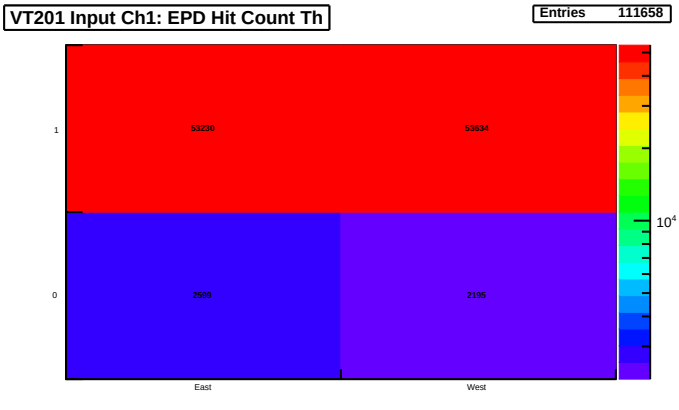

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

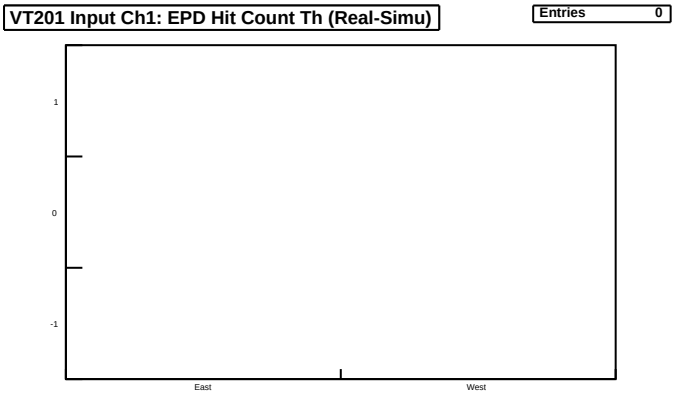

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 111658
44301
44513
11528
11316
East
West

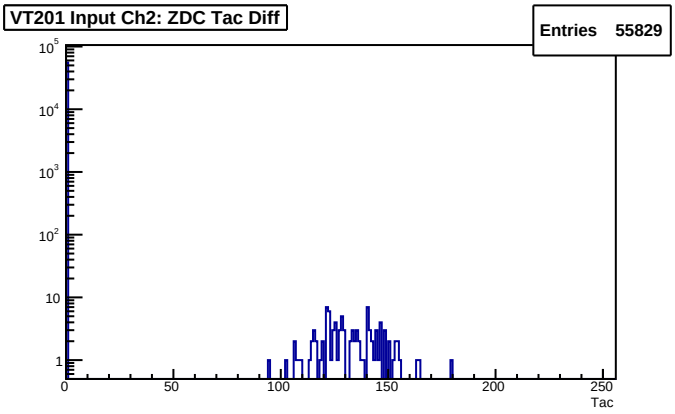

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

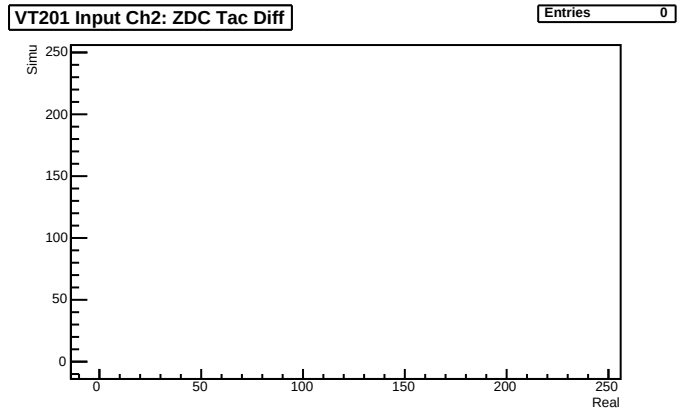

VT201 Input Ch1: EPD Tac Diff
Entries 55829
Tac

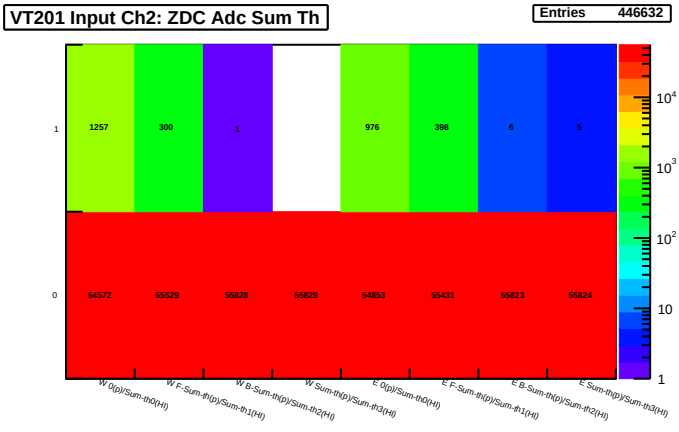

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

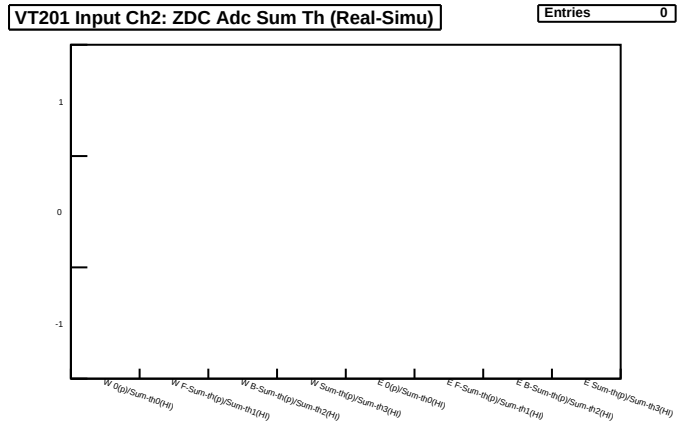

VT201 Input Ch1: EPD Hit Count Th
Entries 111658
53230
53634
2599
2195
East
West

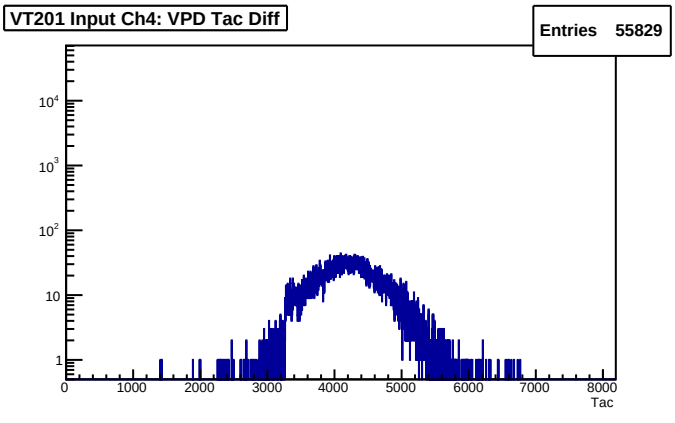

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

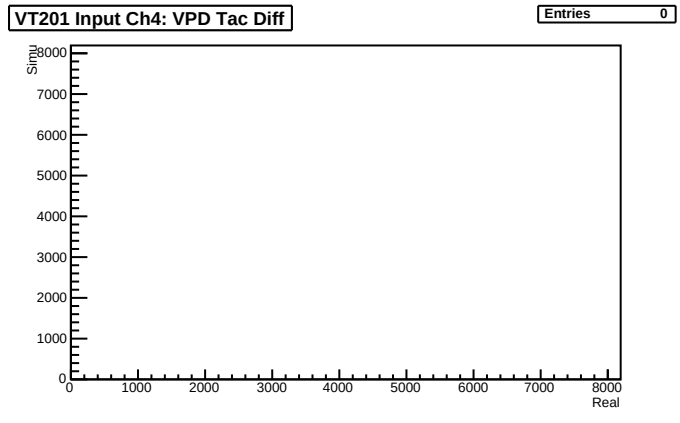

VT201 Input Ch2: ZDC Tac Diff
Entries 55829
Tac

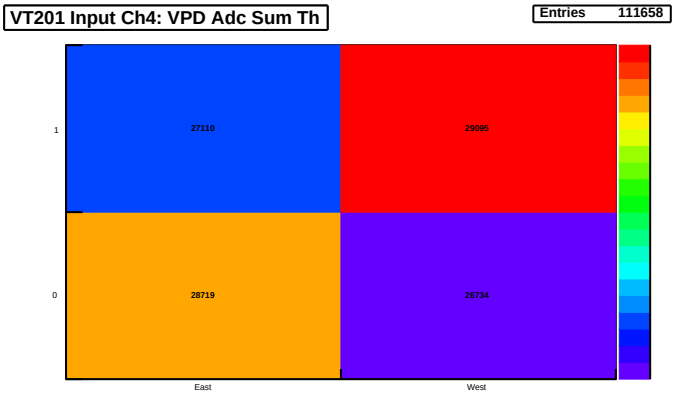

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

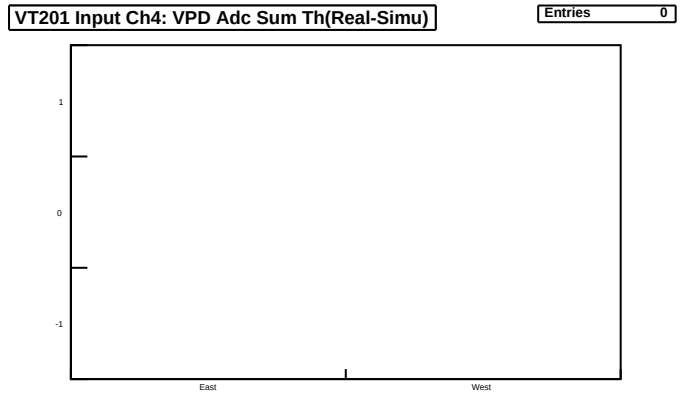

VT201 Input Ch2: ZDC Adc Sum Th
Entries 446632
1257
300
1
976
398
6
5
54572
55529
55828
55829
54853
55431
55823
55824
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

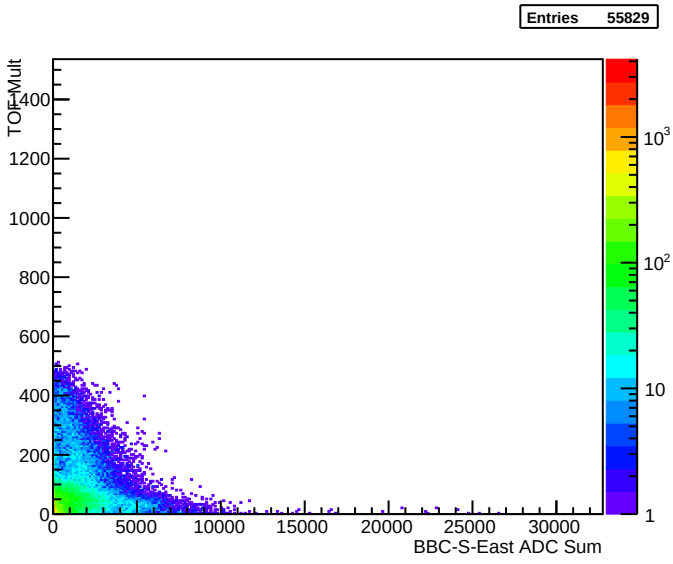

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

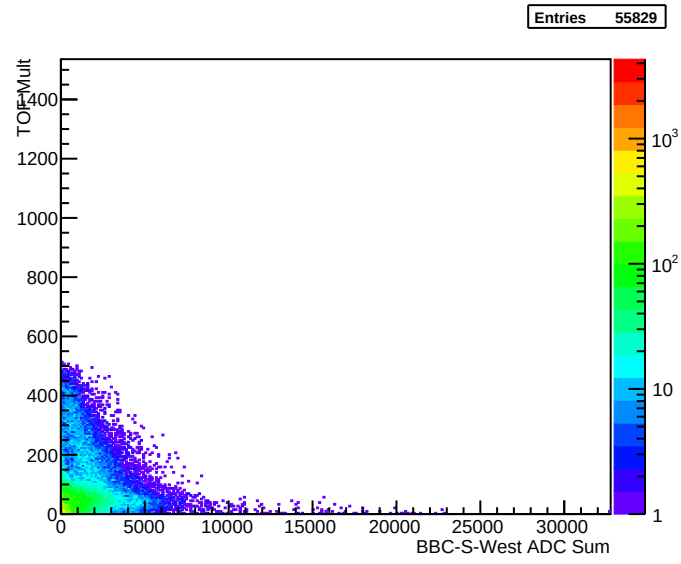

VT201 Input Ch4: VPD Tac Diff
Entries 55829
Tac

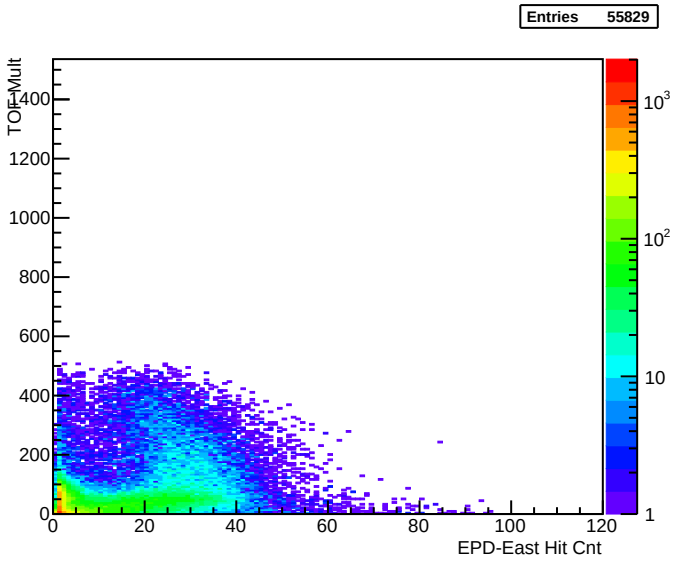

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

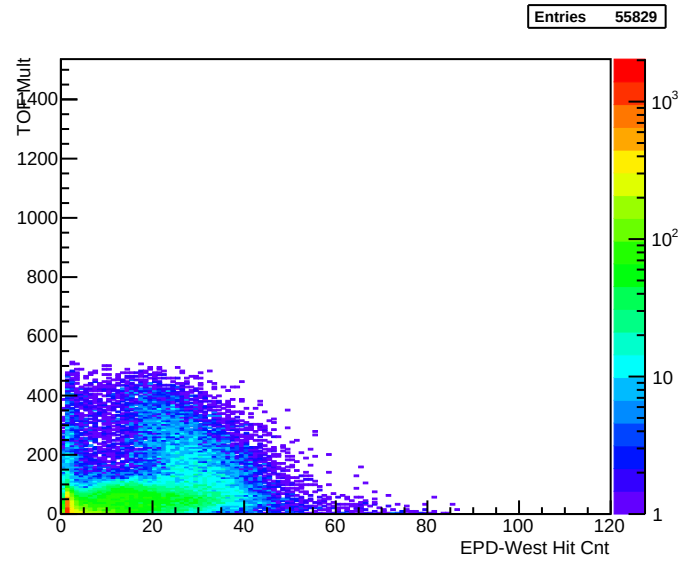

VT201 Input Ch4: VPD Adc Sum Th
Entries 111658
27110
29095
28719
26734
East
West

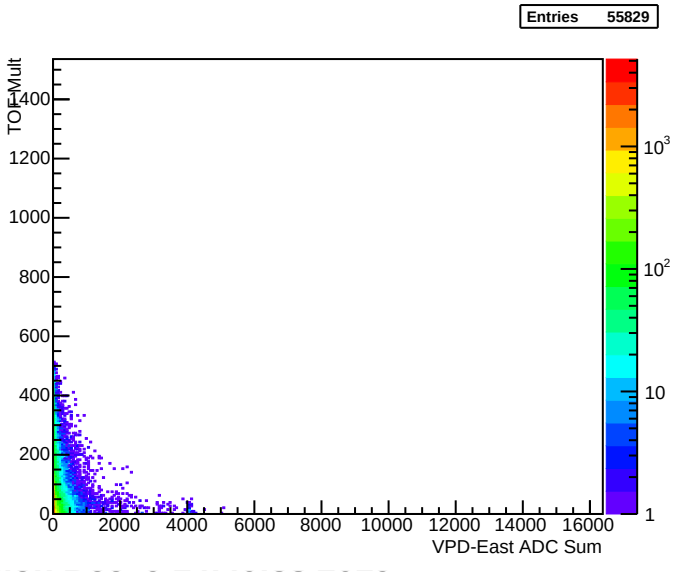

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

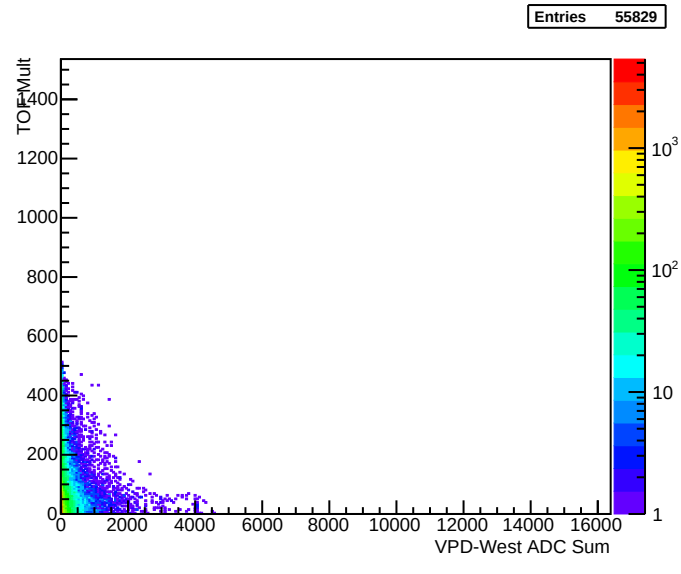

Entries 55829
TOF-Mult
BBC-S-East ADC Sum

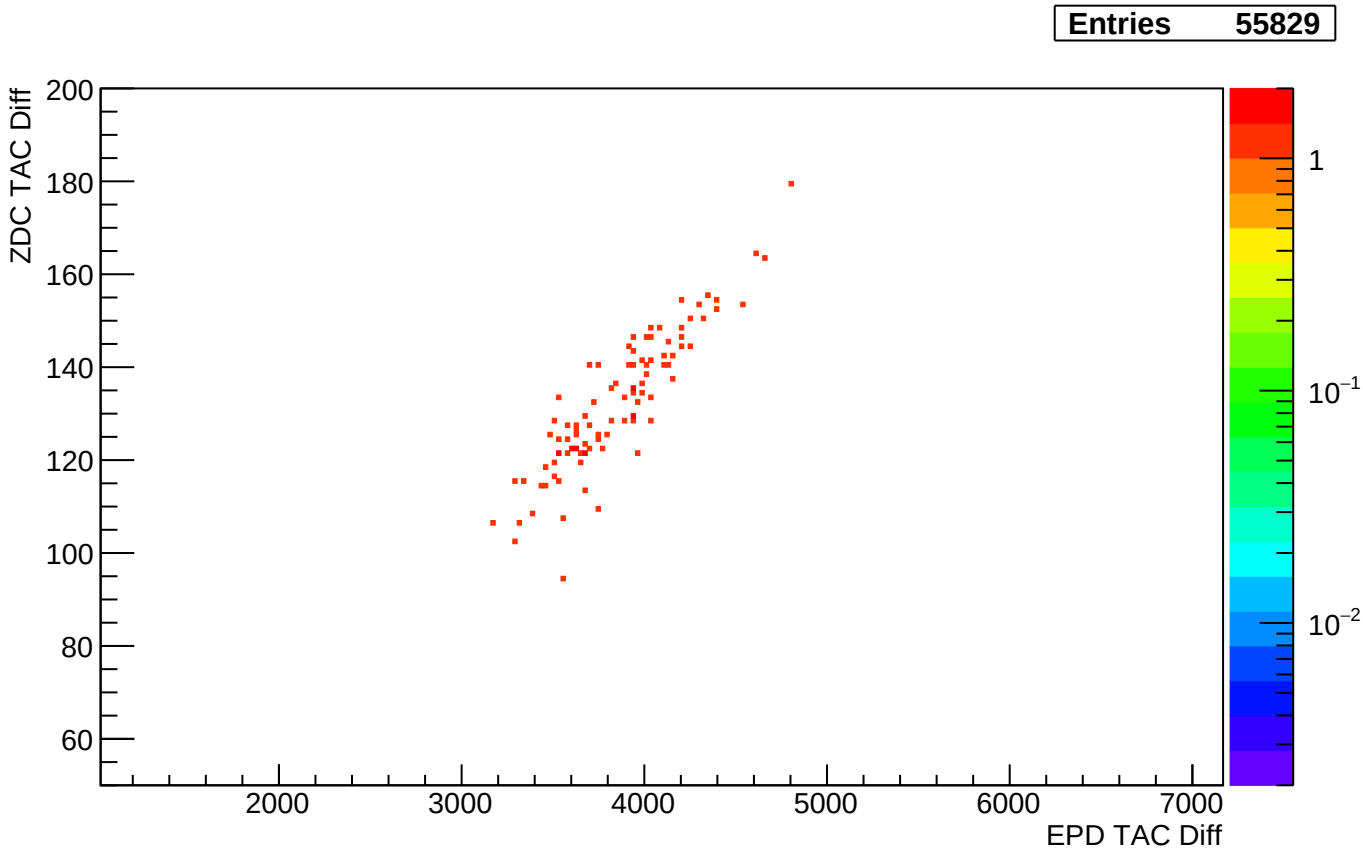

Entries 55829
TOF-Mult
BBC-S-West ADC Sum

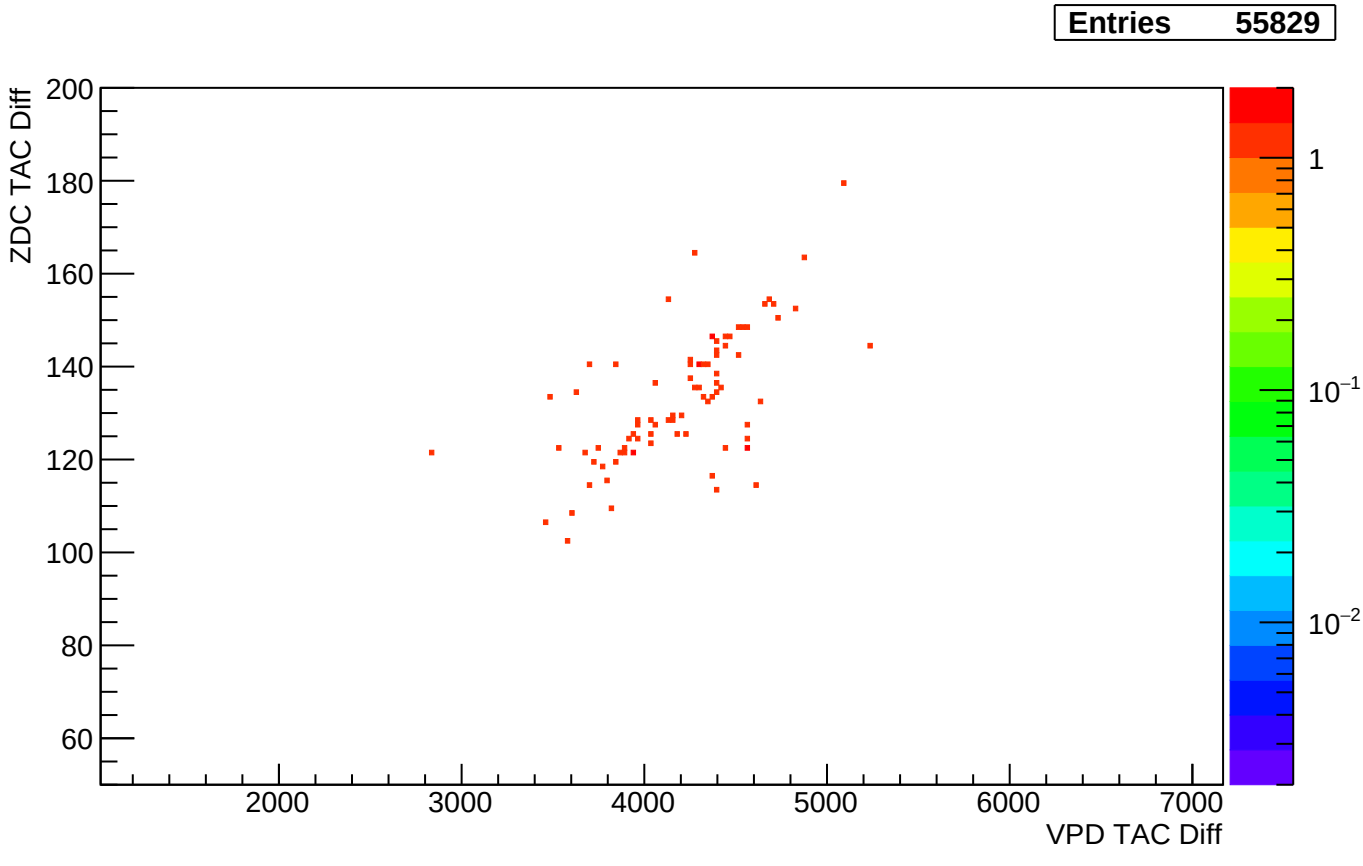

Entries 55829
TOF-Mult
EPD-East Hit Cnt

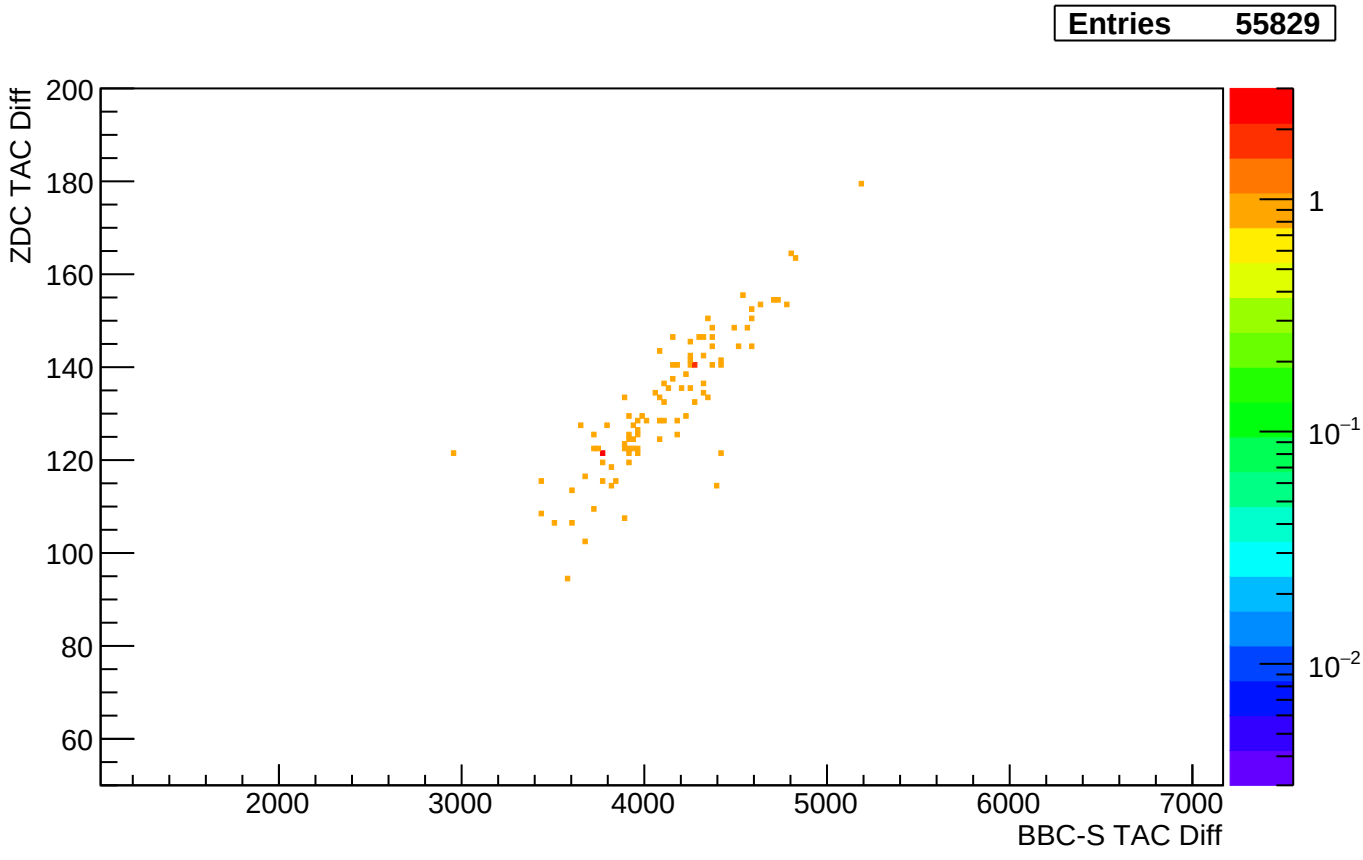

Entries 55829
TOF-Mult
EPD-West Hit Cnt

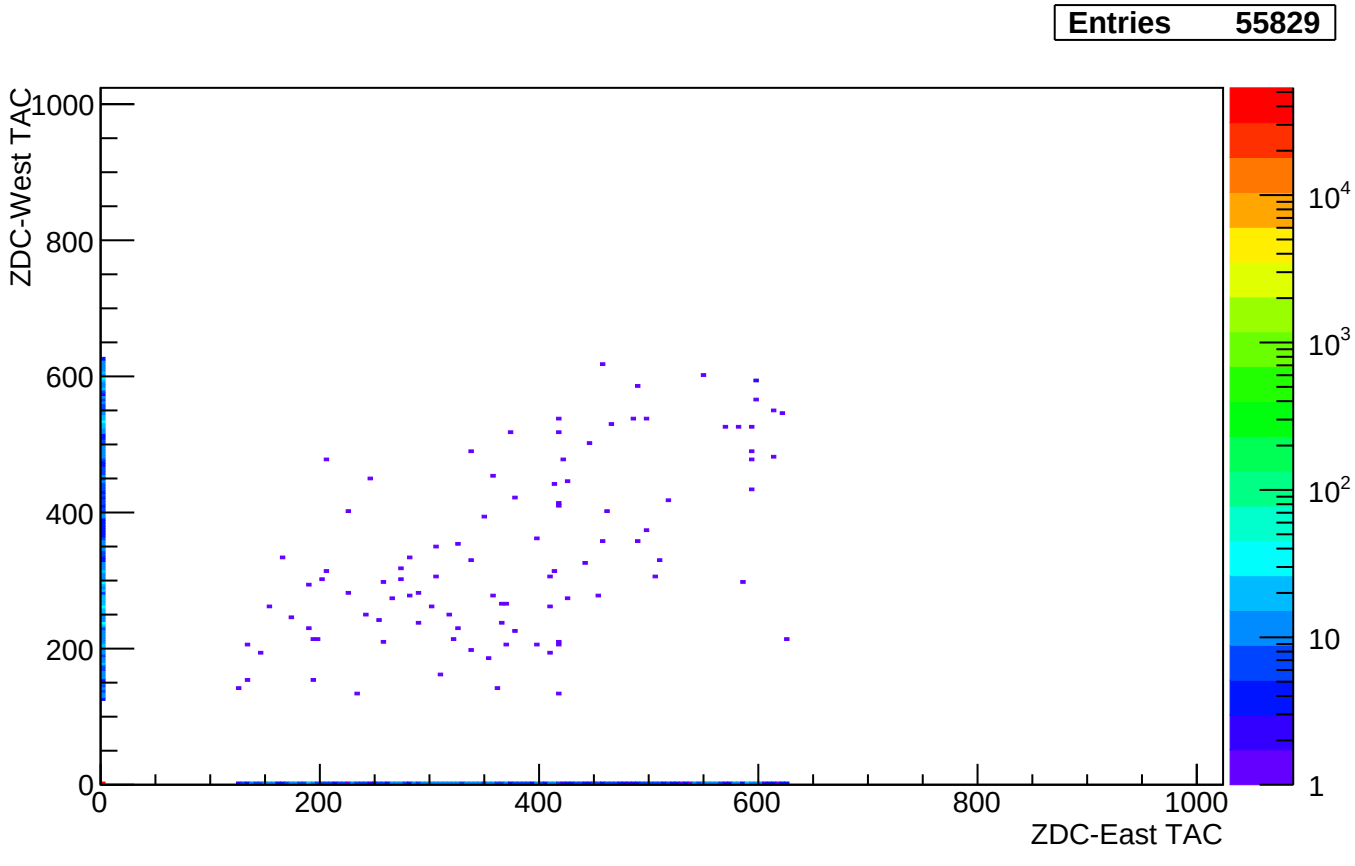

Entries 55829
TOF-Mult
VPD-East ADC Sum

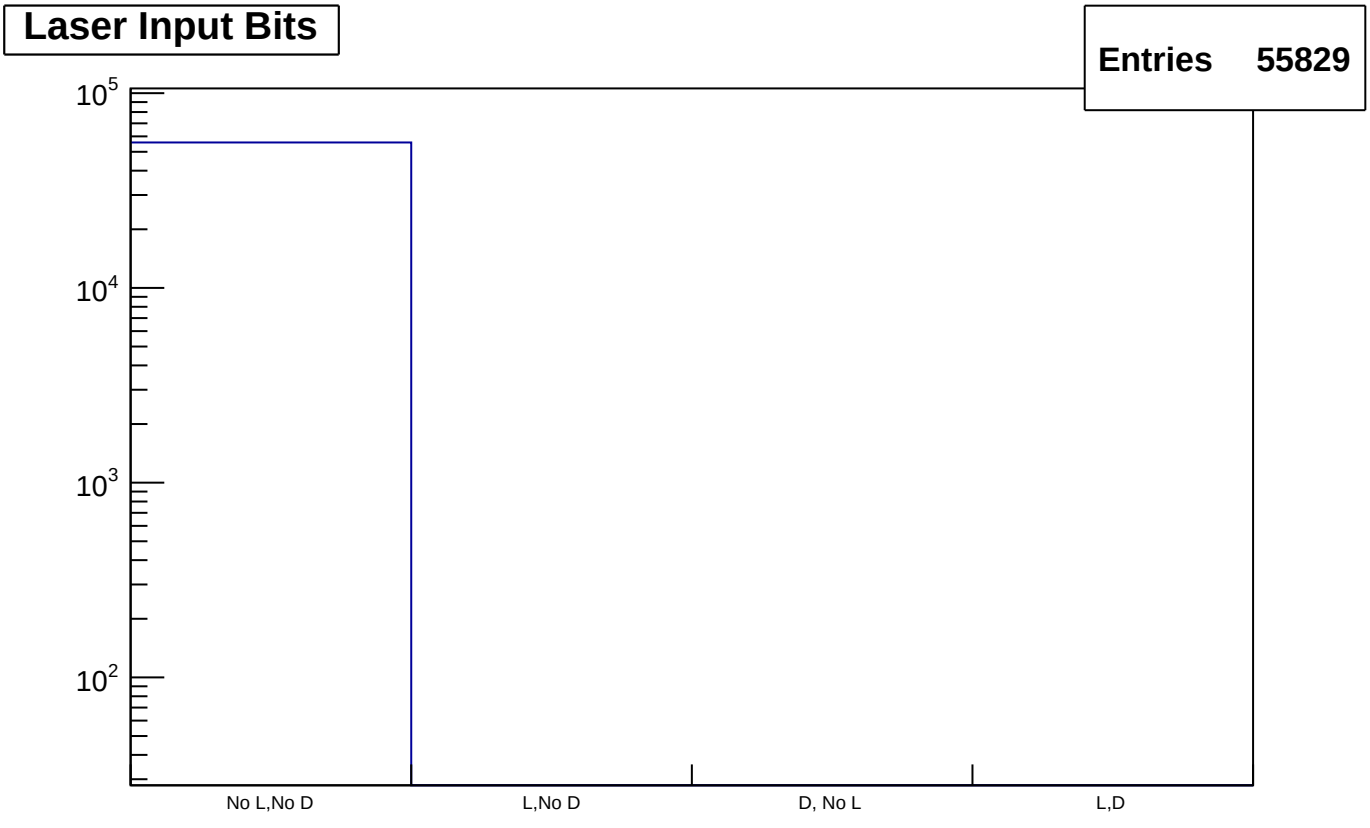

Entries 55829
TOF-Mult
VPD-West ADC Sum

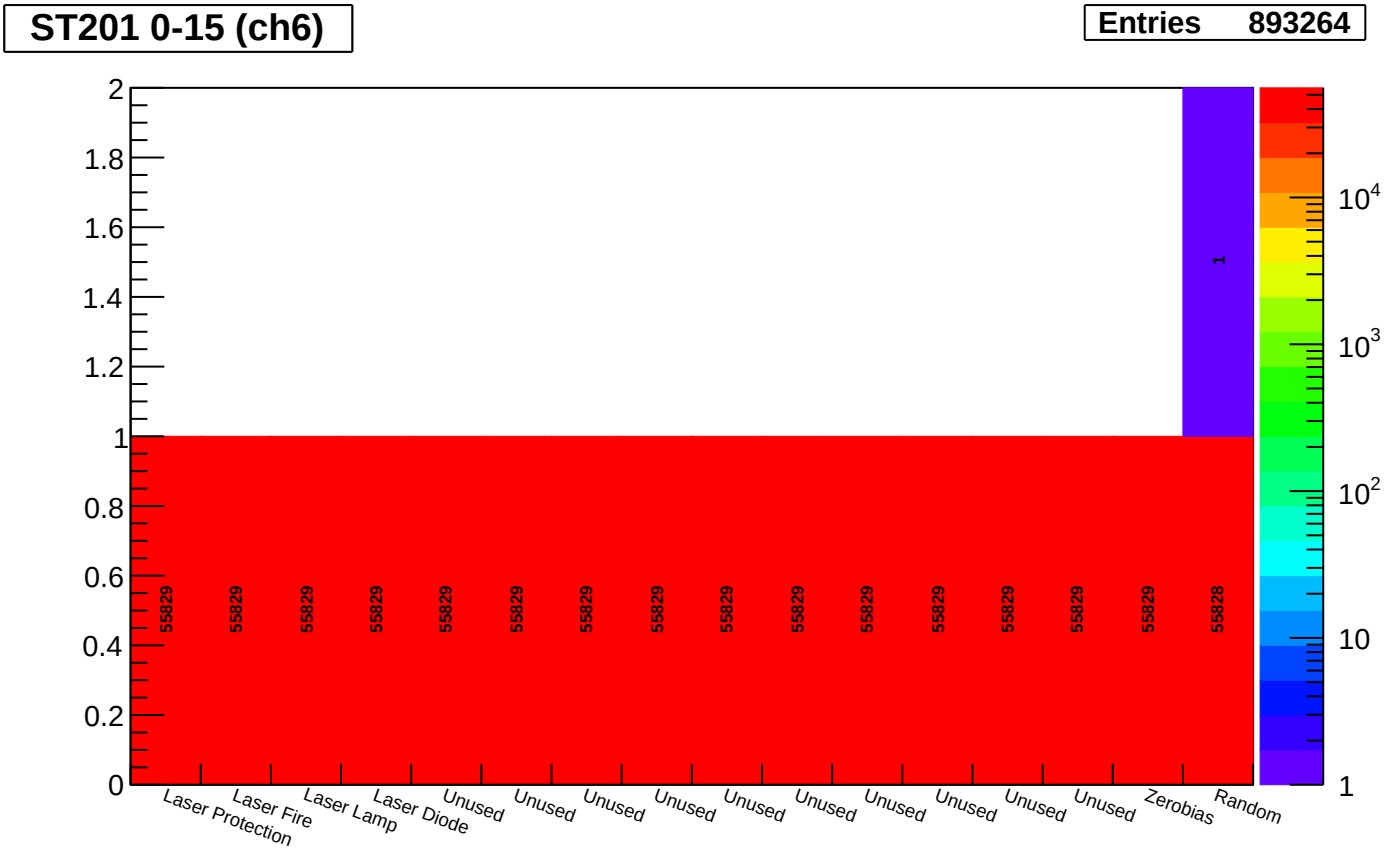

Entries 55829
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

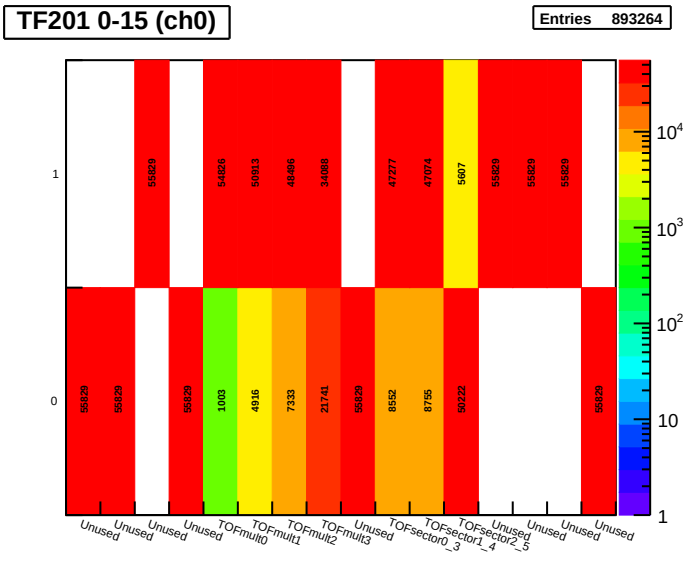

Entries 55829
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

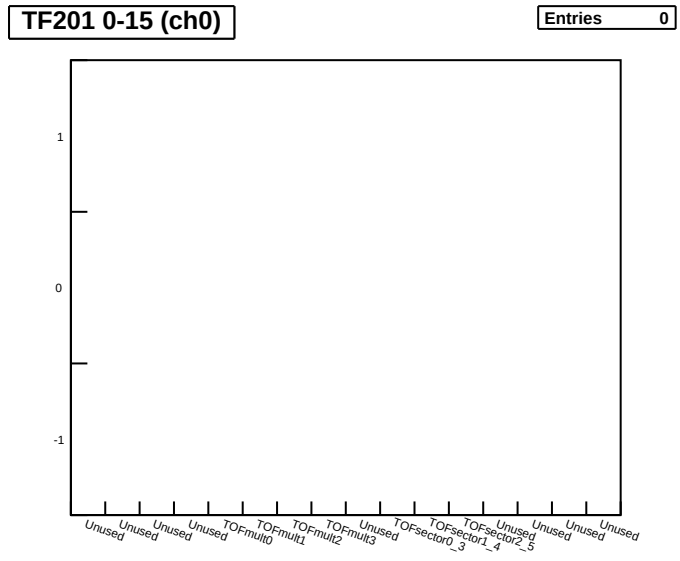

Entries 55829
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

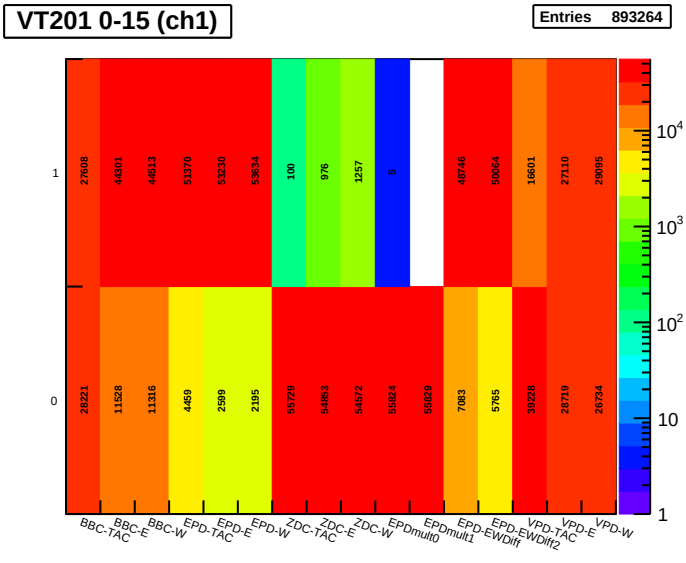

Entries 55829
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

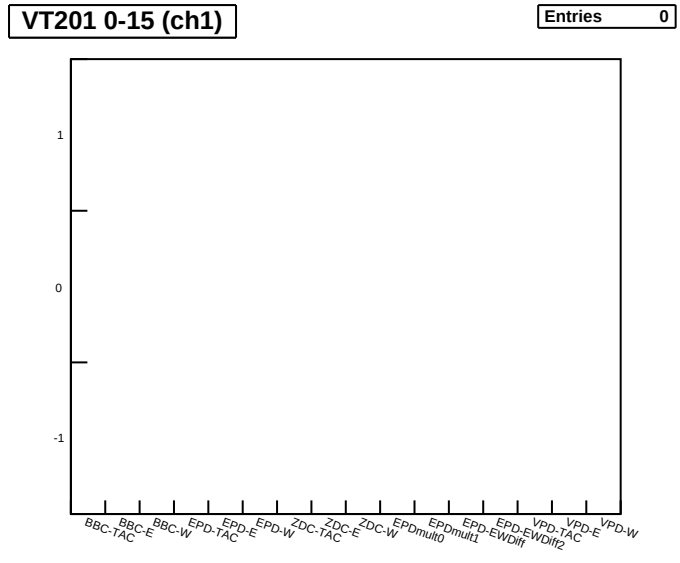

Laser Input Bits
Entries 55829
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

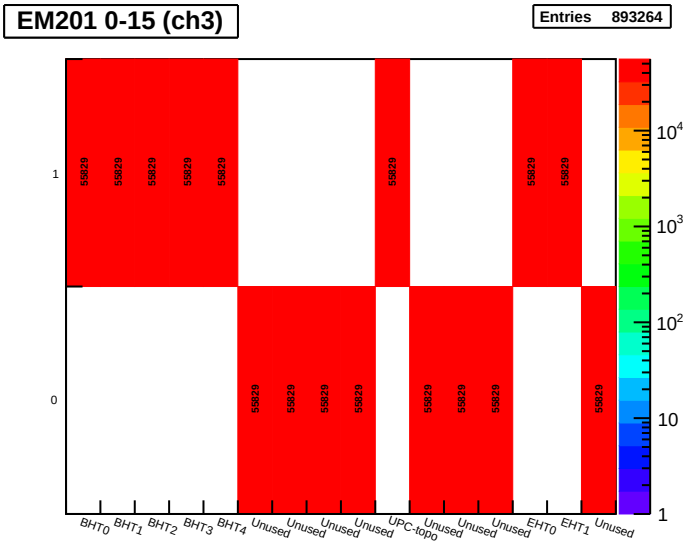

ST201 0-15 (ch6)
Entries 893264
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
55829
55828
1
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

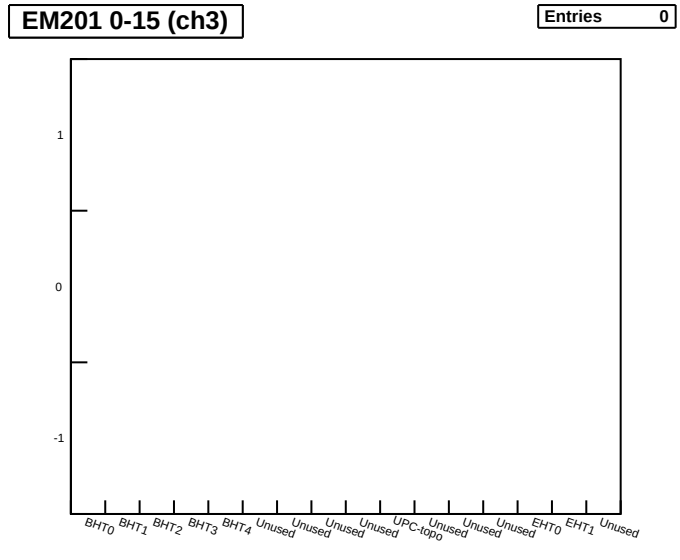

TF201 0-15 (ch0)
Entries 893264
1
0
55829
55829
55829
55829
54826
50913
48486
34088
47277
47074
5607
55829
55829
55829
55829
55829
1003
4916
7333
21741
55829
8552
8755
50222
55829
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
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


VT201 0-15 (ch1)
Entries 893264
1
0
27608
44301
44513
51370
53230
53634
100
976
1257
5
46746
50064
16601
27110
29095
28221
11528
11316
4459
2999
2195
55729
54853
54572
55824
55829
7083
5765
39228
28719
26734
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 893264
1
0
55829
55829
55829
55829
55829
55829
55829
55829
55829
55829
55829
55829
55829
55829
55829
55829
55829
55829
55829
55829
55829
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