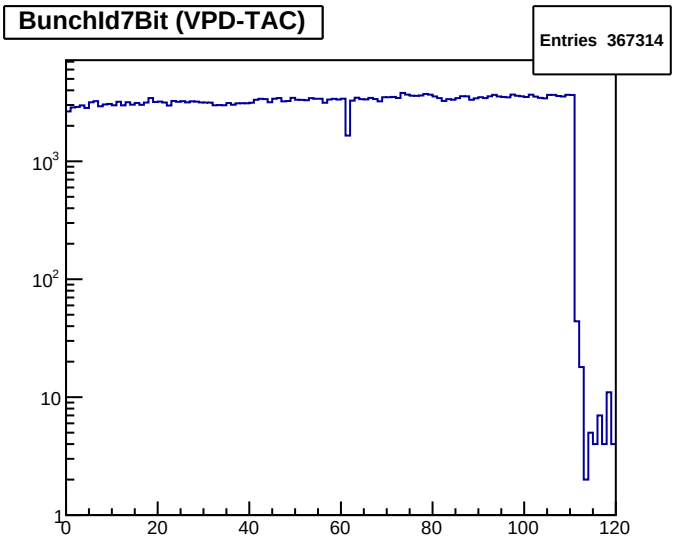
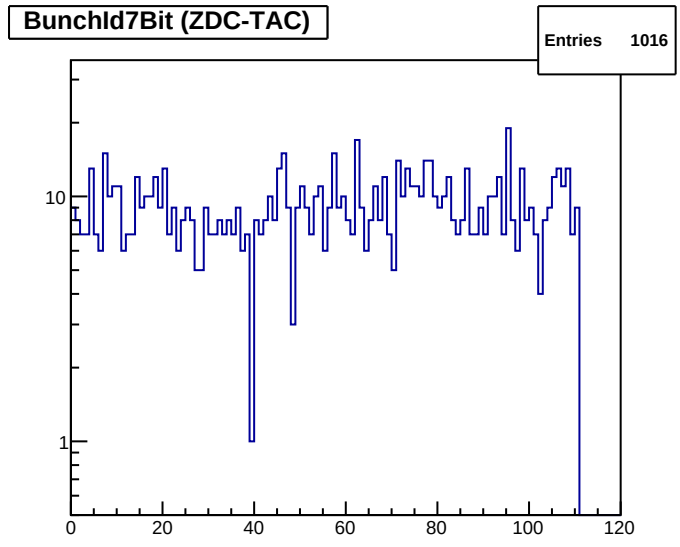
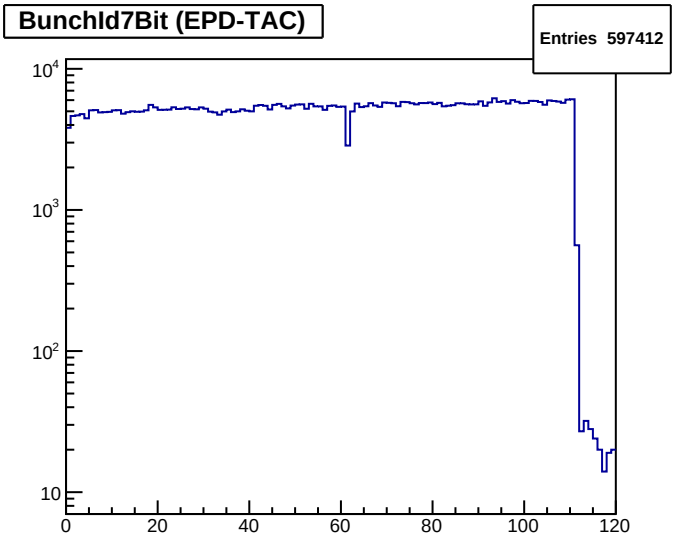
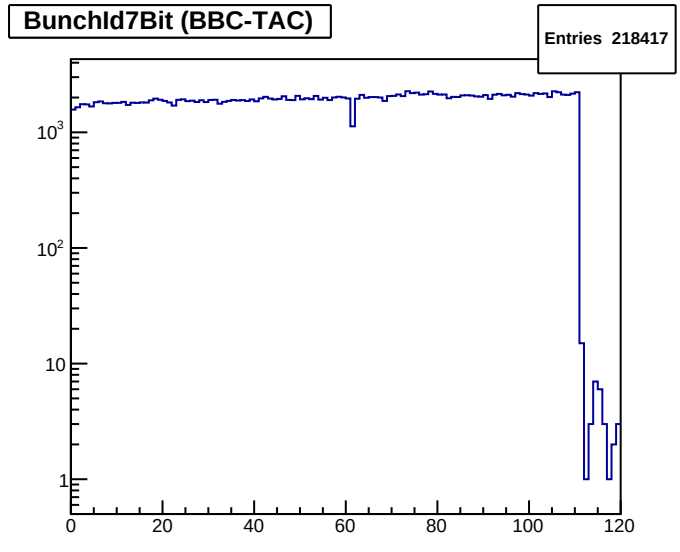
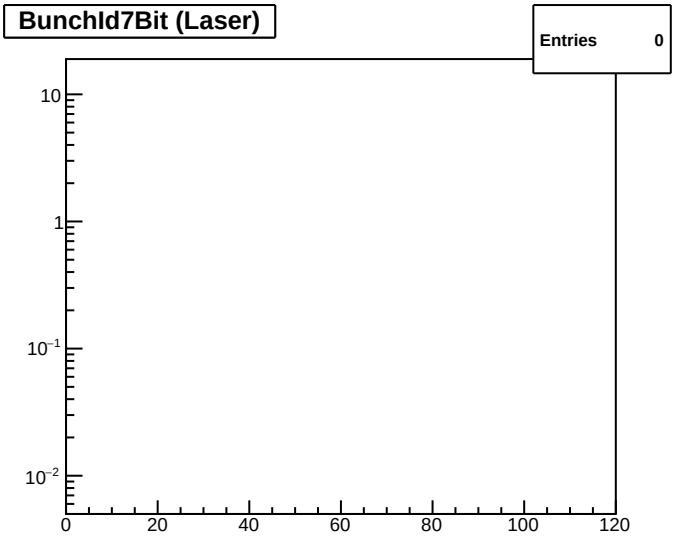
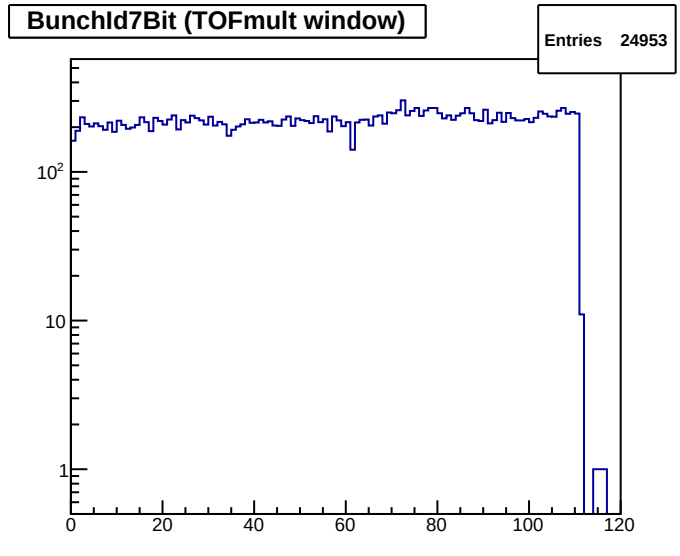

BunchId7Bit (VPD-TAC)
Entries 367314

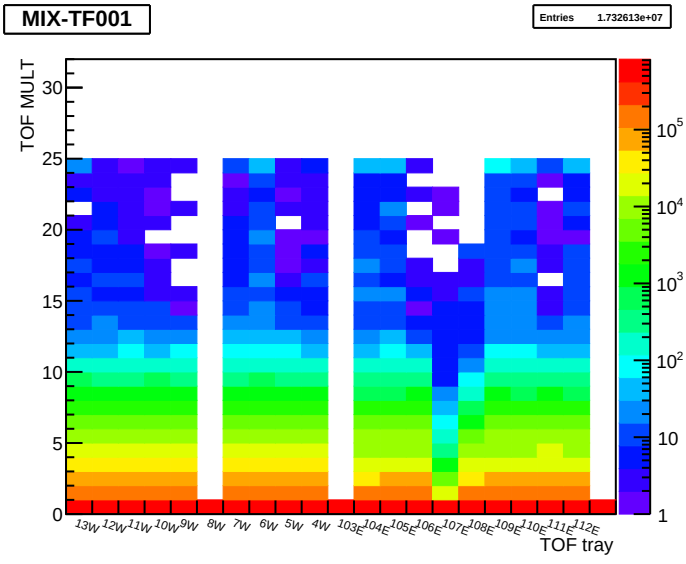

BunchId7Bit (ZDC-TAC)
Entries 1016

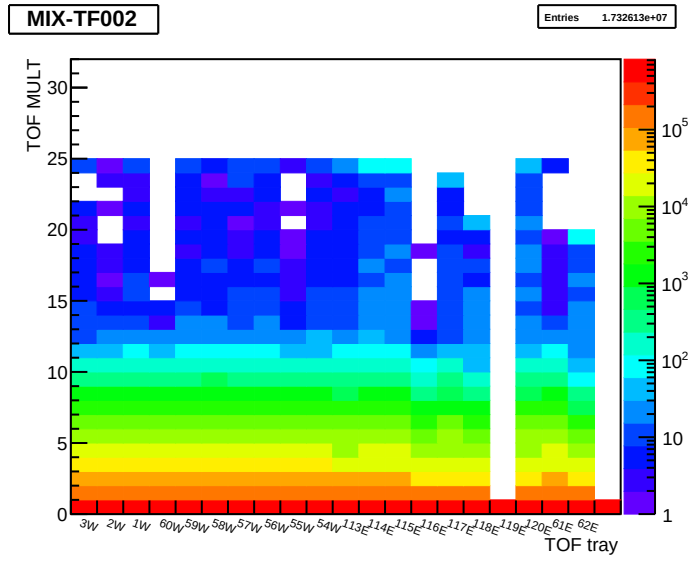

BunchId7Bit (EPD-TAC)
Entries 597412

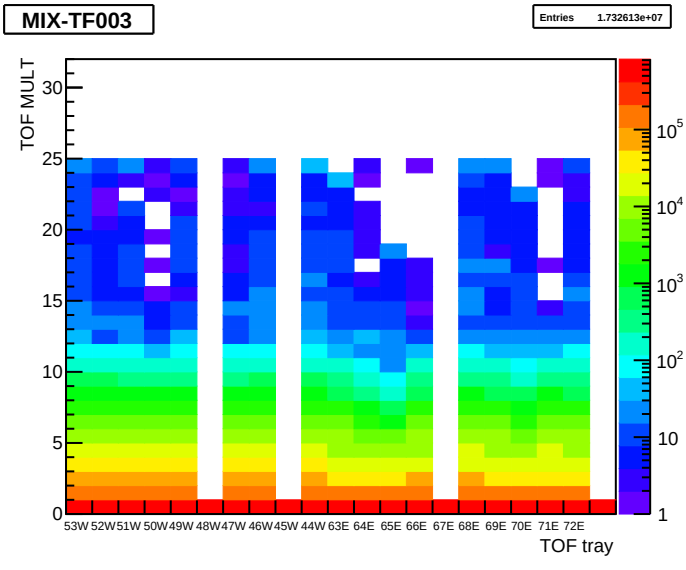

BunchId7Bit (BBC-TAC)
Entries 218417

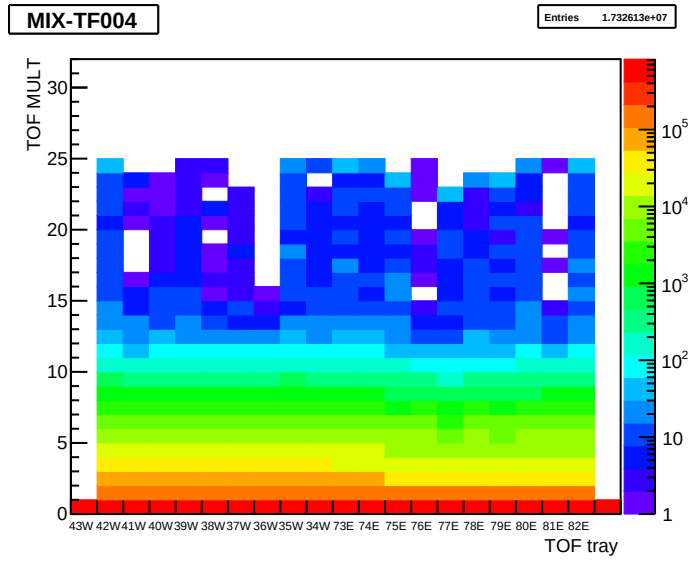

BunchId7Bit (Laser)
Entries 0

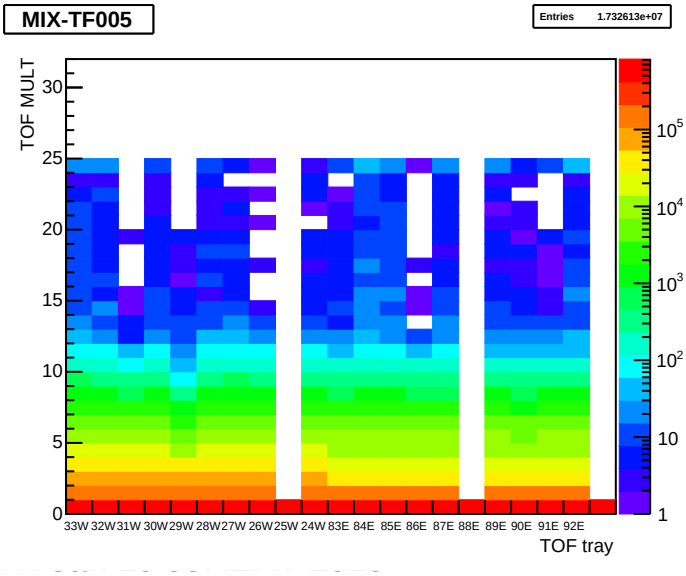

BunchId7Bit (TOFmult window)
Entries 24953

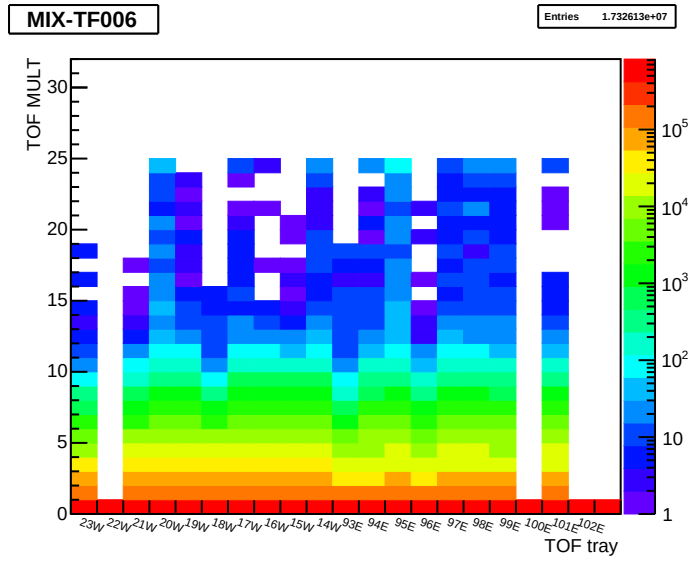

MIX-TF001
Entries 1.732613e+07
TOF MULT
TOF tray

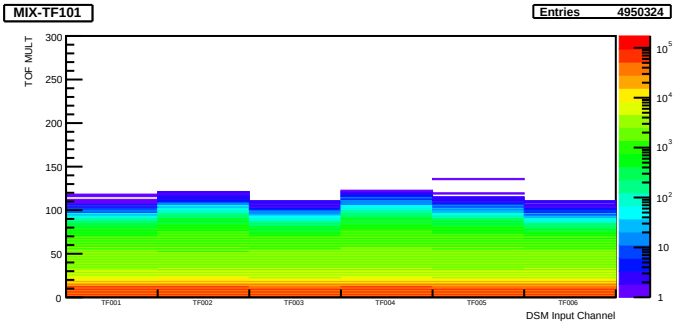

MIX-TF002
Entries 1.732613e+07
TOF MULT
TOF tray

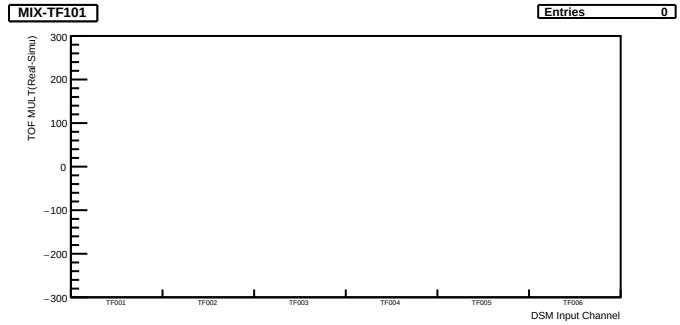

MIX-TF003
Entries 1.732613e+07
TOF MULT
TOF tray

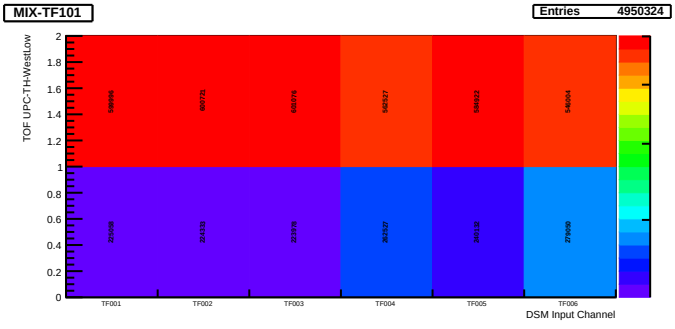

MIX-TF004
Entries 1.732613e+07
TOF MULT
TOF tray

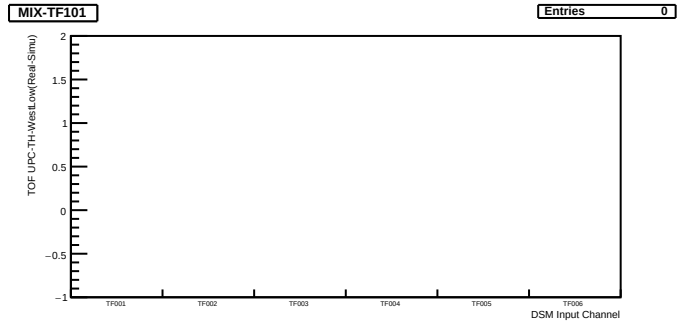

MIX-TF005
Entries 1.732613e+07
TOF MULT
TOF tray

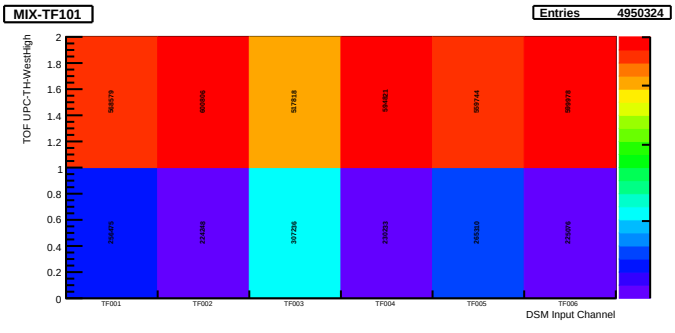

MIX-TF006
Entries 1.732613e+07
TOF MULT
TOF tray

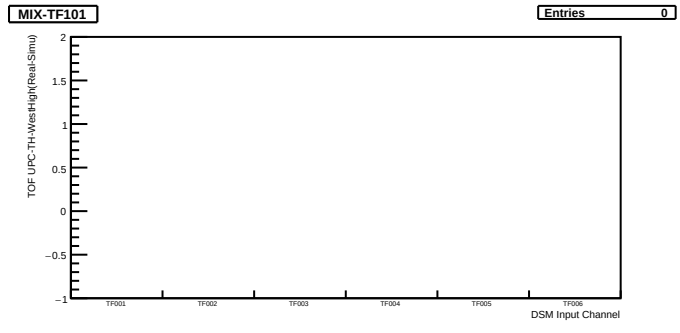

MIX-TF101
Entries 4950324
TOF MULT
DSM Input Channel

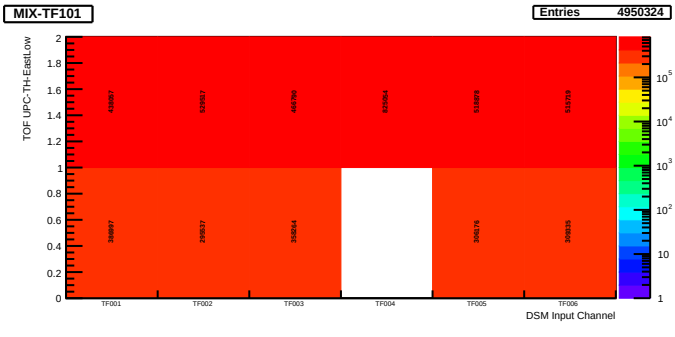

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel

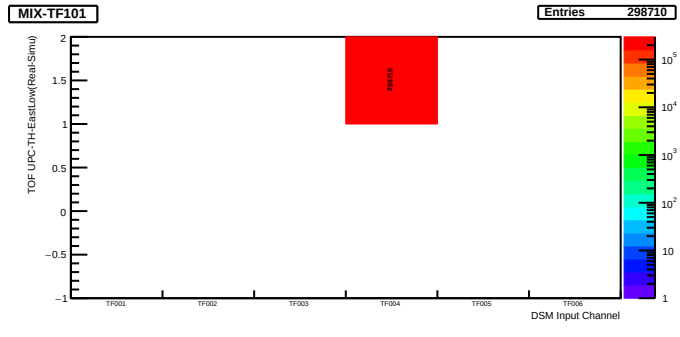

MIX-TF101
Entries 4950324
TOF UPC-TH-WestLow
DSM Input Channel

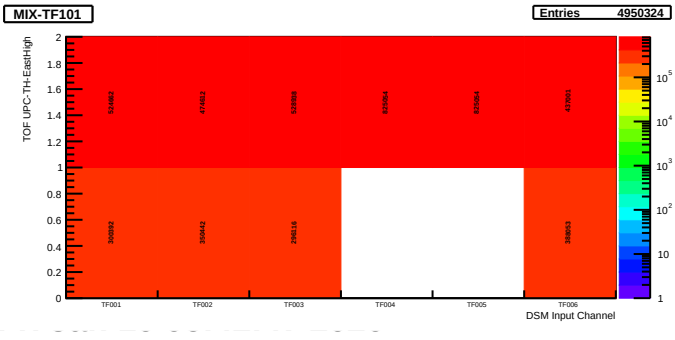

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

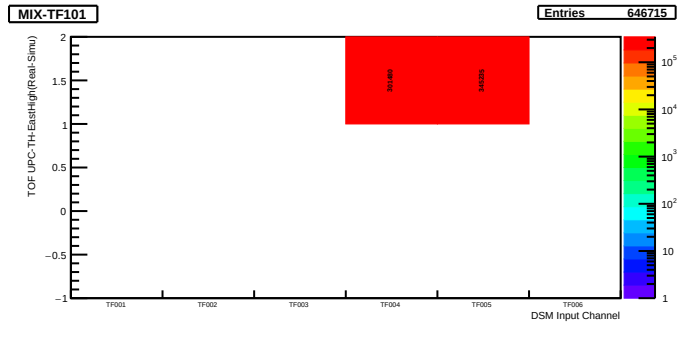

MIX-TF101
Entries 4950324
TOF UPC-TH-WestHigh
DSM Input Channel

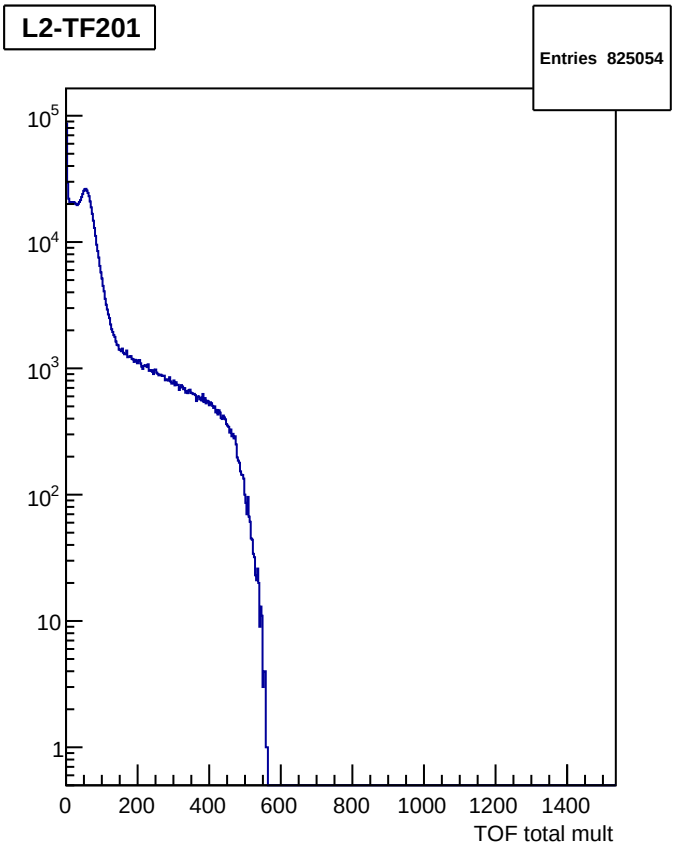

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

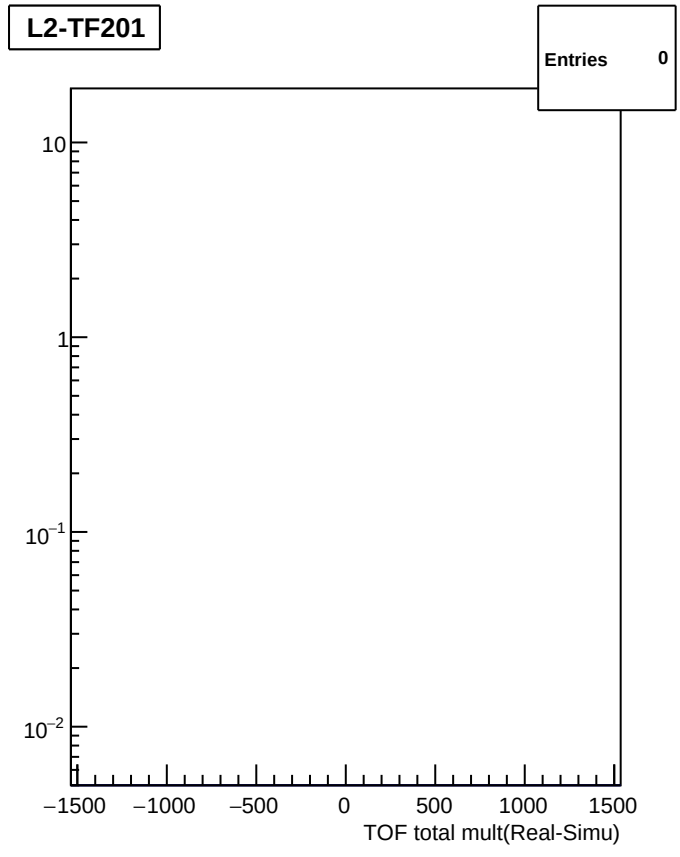

MIX-TF101
Entries 4950324
TOF UPC-TH-EastLow
DSM Input Channel

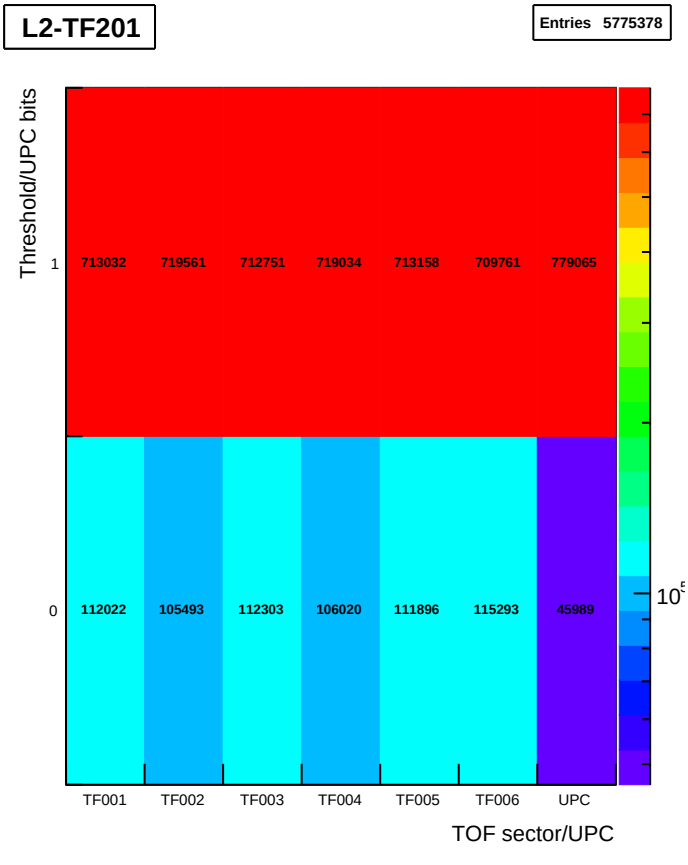

MIX-TF101
Entries 298710
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

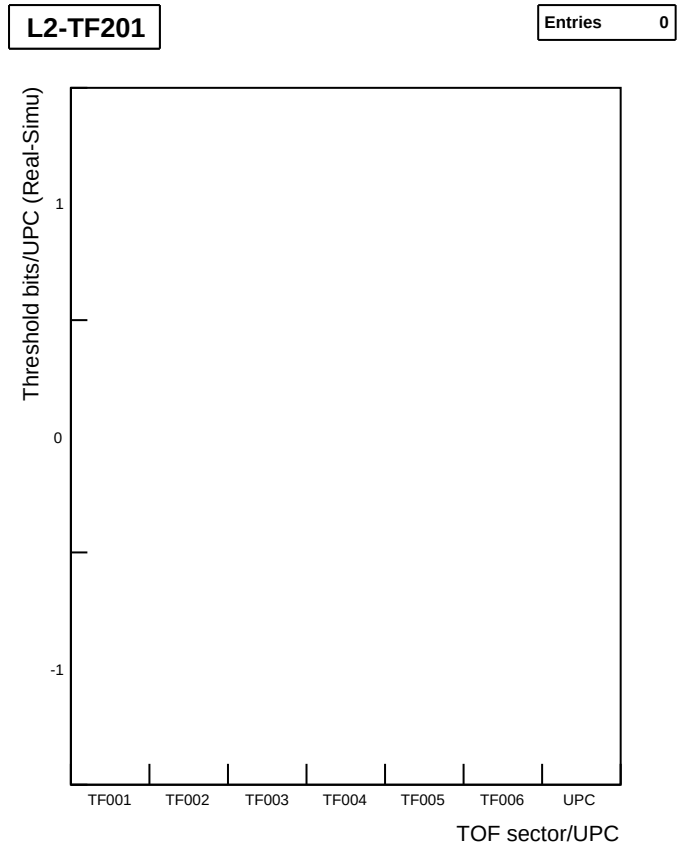

MIX-TF101
Entries 4950324
TOF UPC-TH-EastHigh
DSM Input Channel

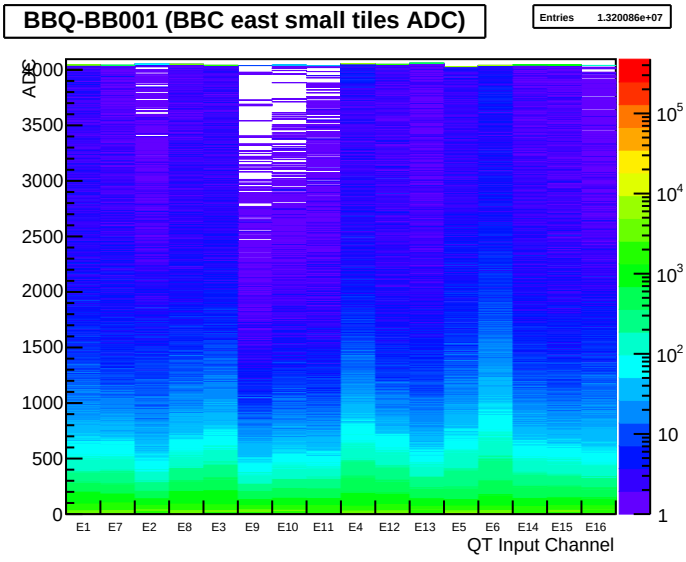

MIX-TF101
Entries 646715
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

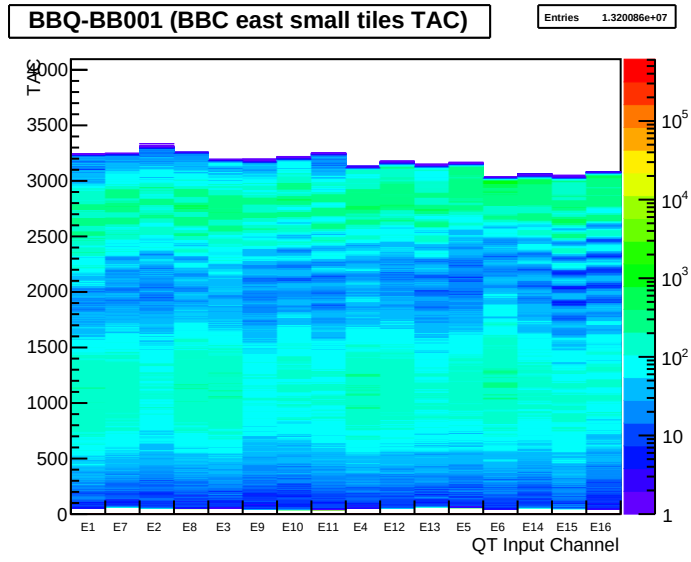

L2-TF201
Entries 825054
TOF total mult

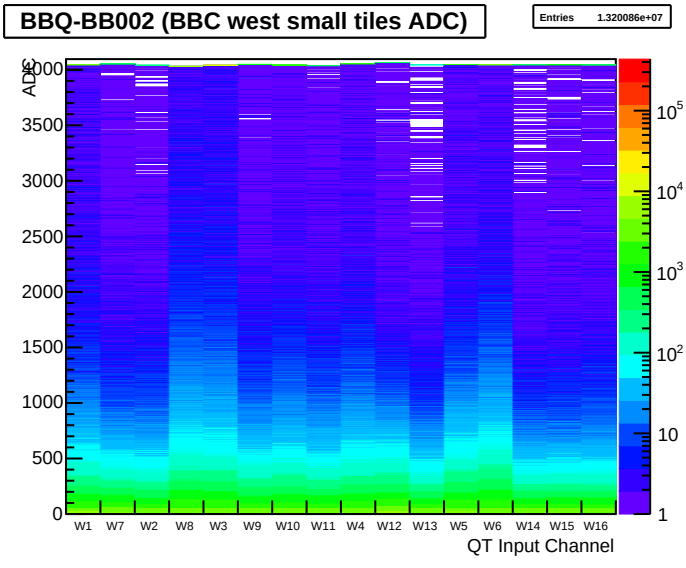

L2-TF201
Entries 0
TOF total mult(Real-Simu)

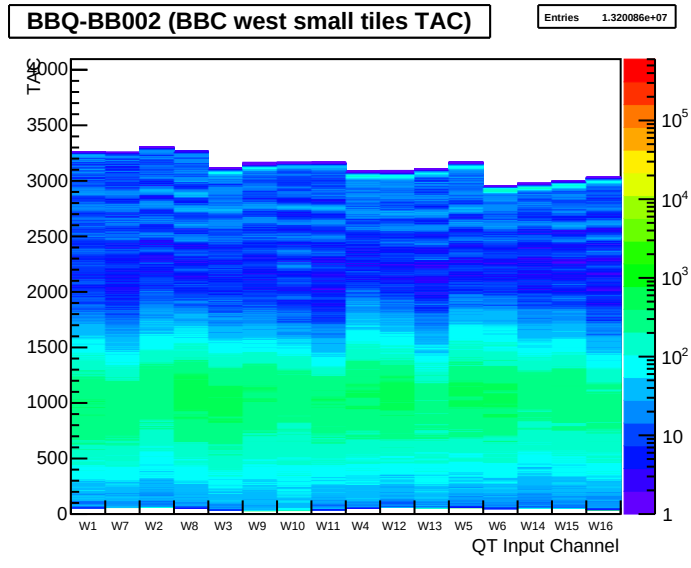

L2-TF201
Entries 5775378
Threshold/UPC bits
713032
719561
712751
719034
713158
709761
779065
112022
105493
112303
106020
111896
115293
45989
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

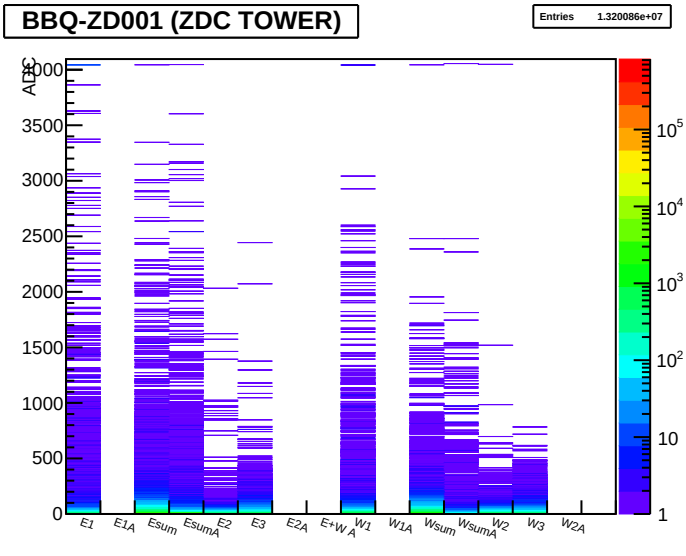

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

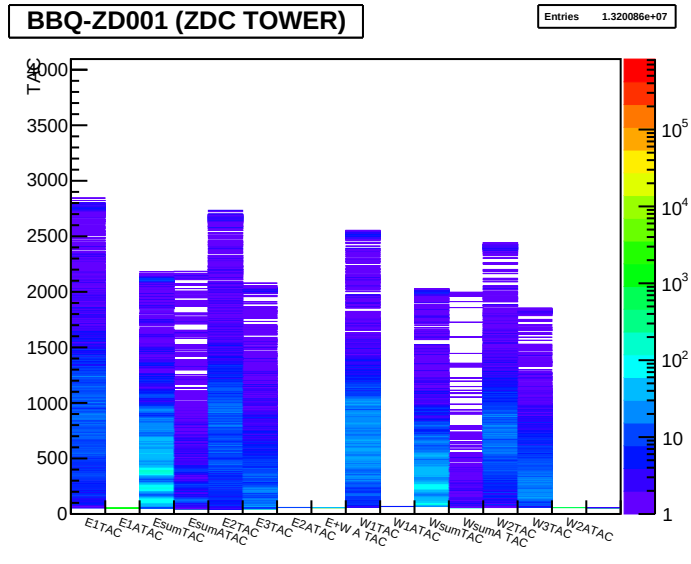

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.320086e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

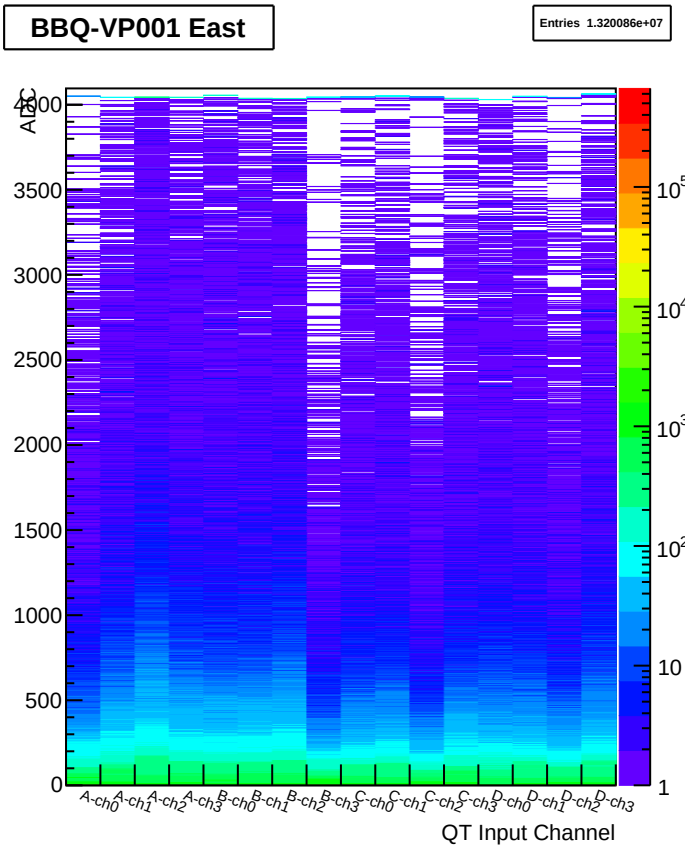

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.320086e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

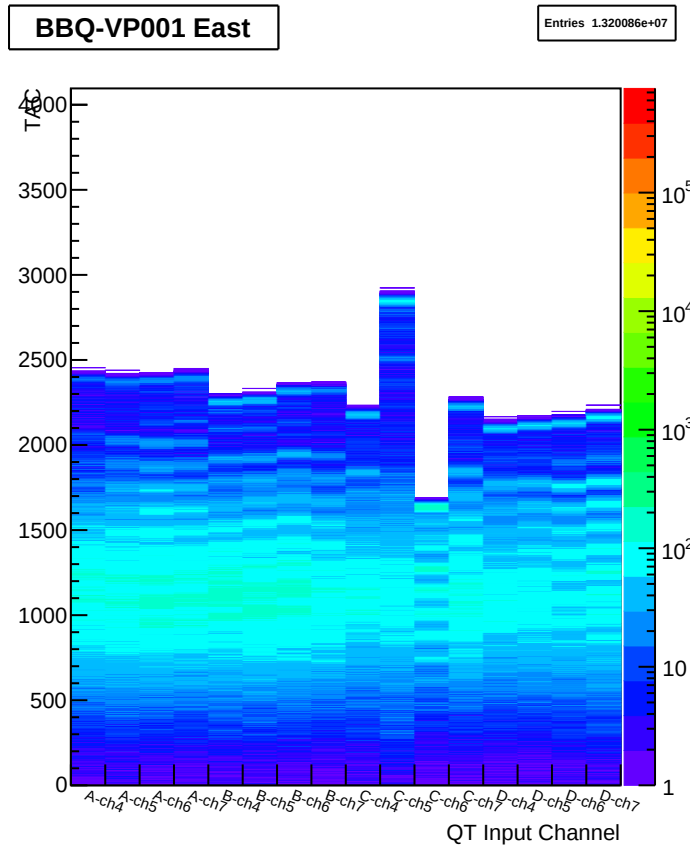

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.320086e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

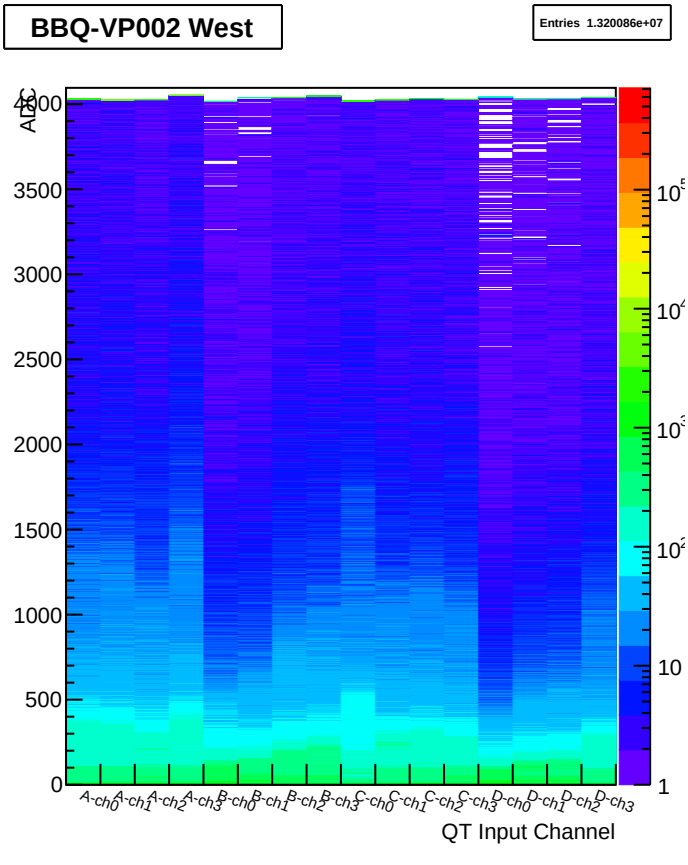

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.320086e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

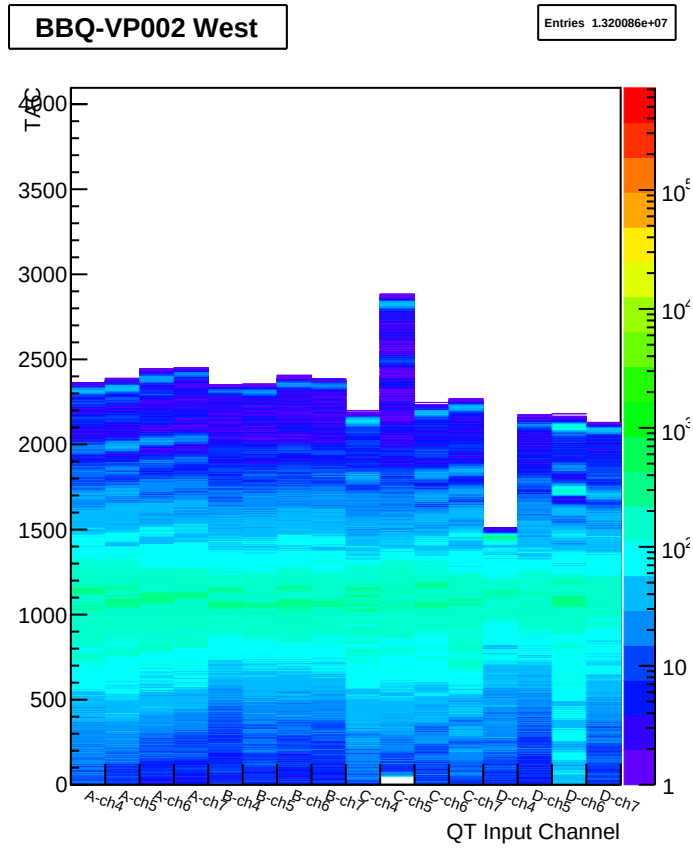

BBQ-ZD001 (ZDC TOWER)
Entries 1.320086e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

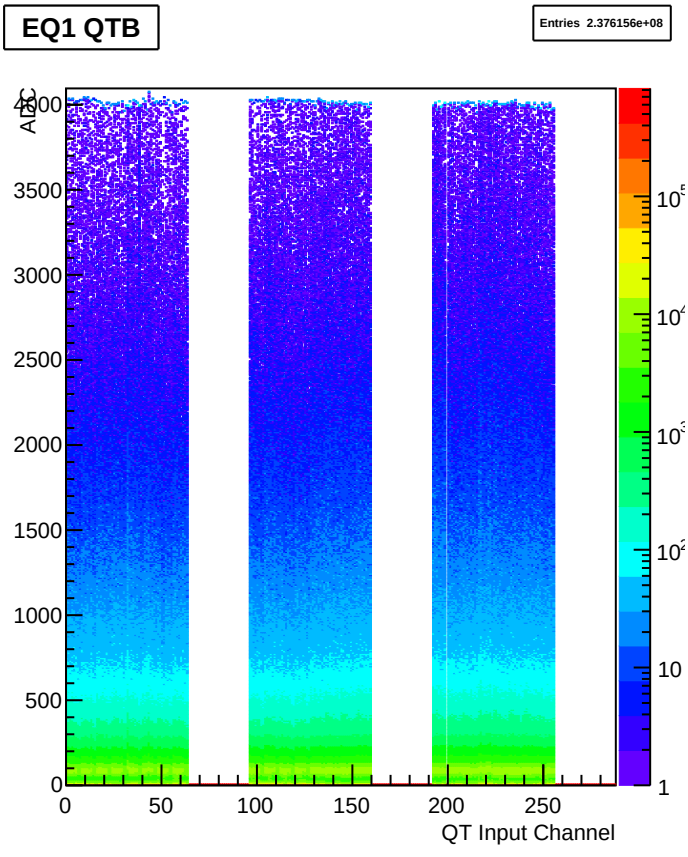

BBQ-ZD001 (ZDC TOWER)
Entries 1.320086e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

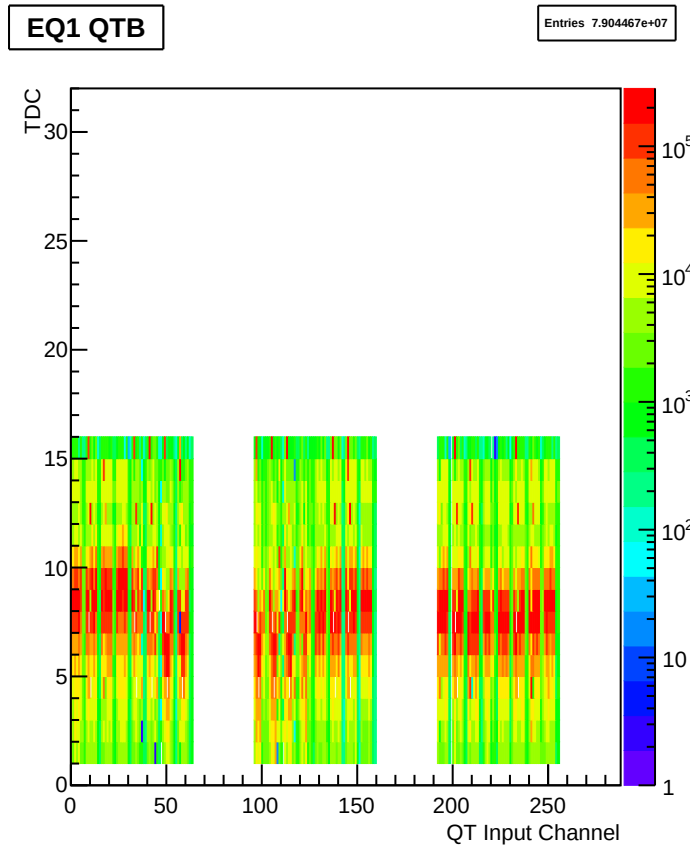

BBQ-VP001 East
Entries 1.320086e+07
ADC
QT Input Channel

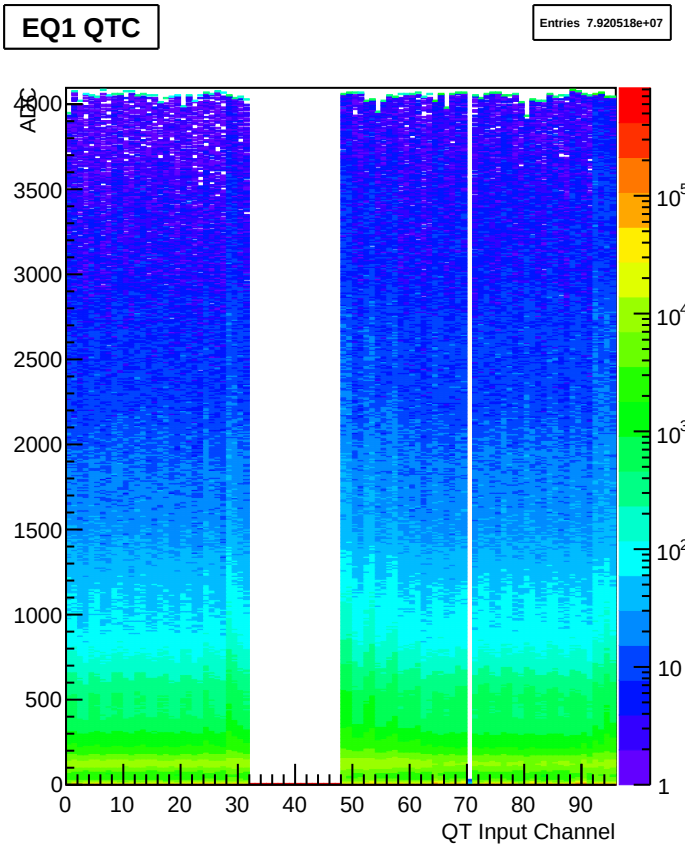

BBQ-VP001 East
Entries 1.320086e+07
TADC
QT Input Channel

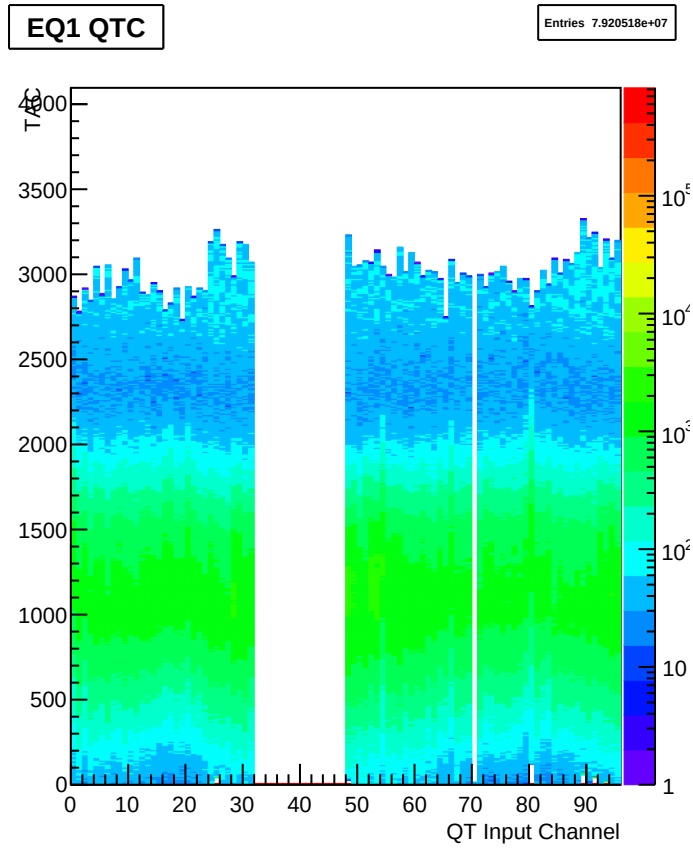

BBQ-VP002 West
Entries 1.320086e+07
ADC
QT Input Channel

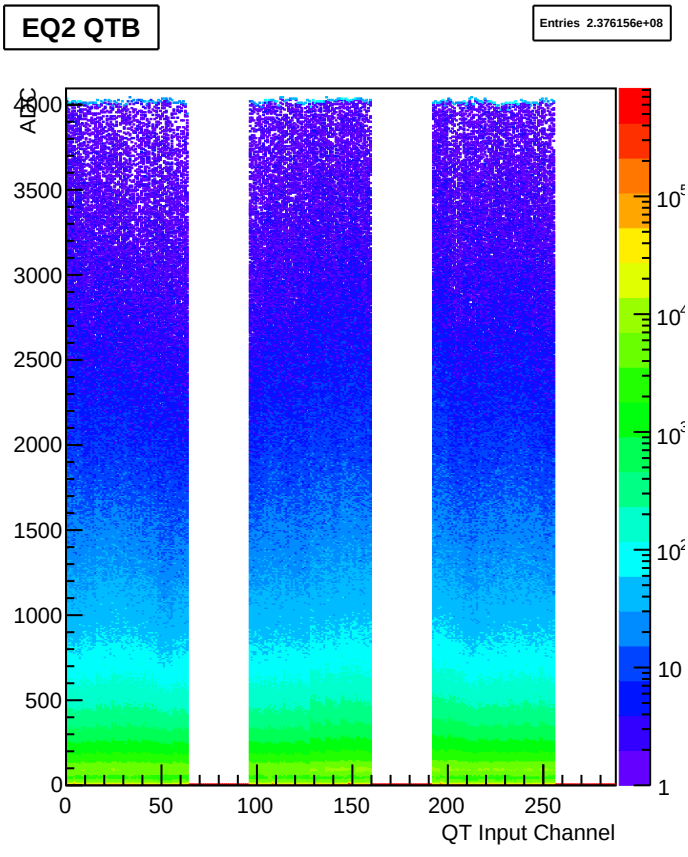

BBQ-VP002 West
Entries 1.320086e+07
TADC
QT Input Channel

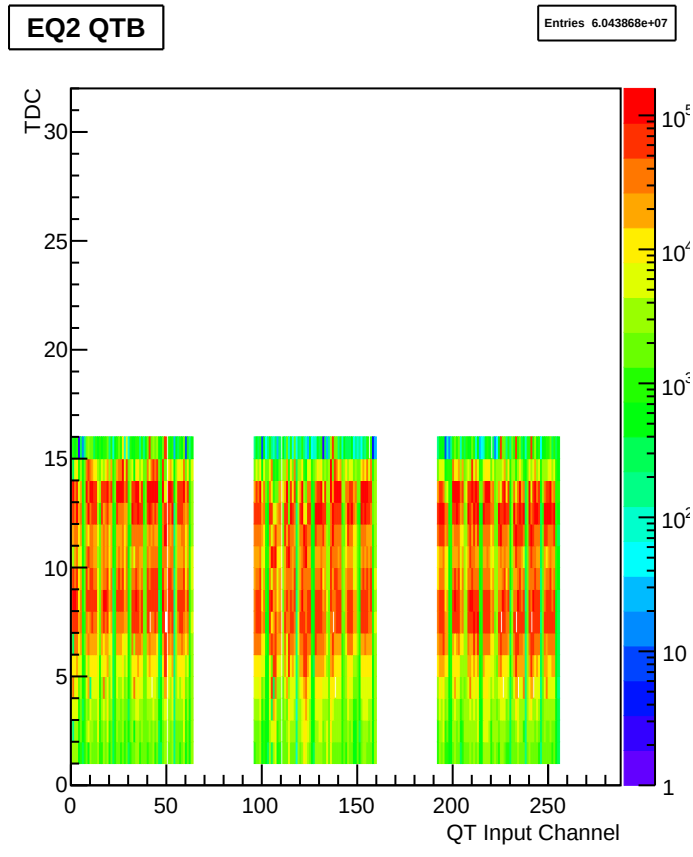

EQ1 QTB
Entries 2.376156e+08
ADC
QT Input Channel

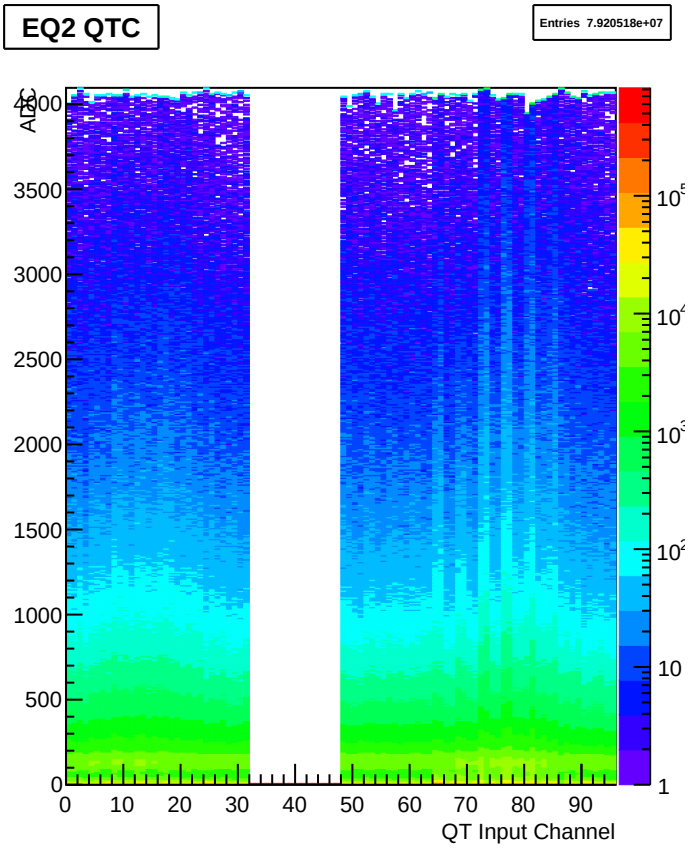

EQ1 QTB
Entries 7.904467e+07
TDC
QT Input Channel

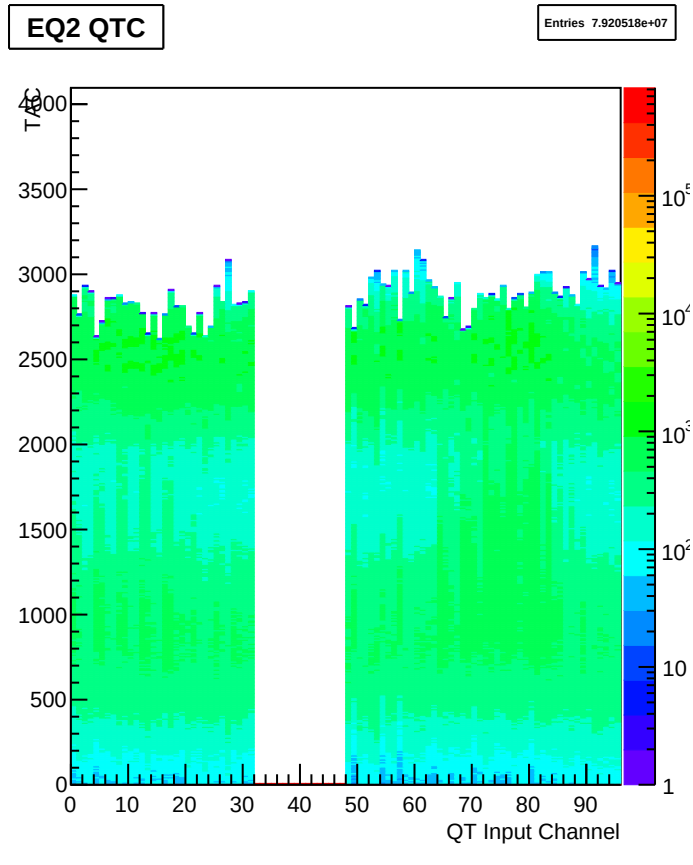

EQ1 QTC
Entries 7.920518e+07
ADC
QT Input Channel

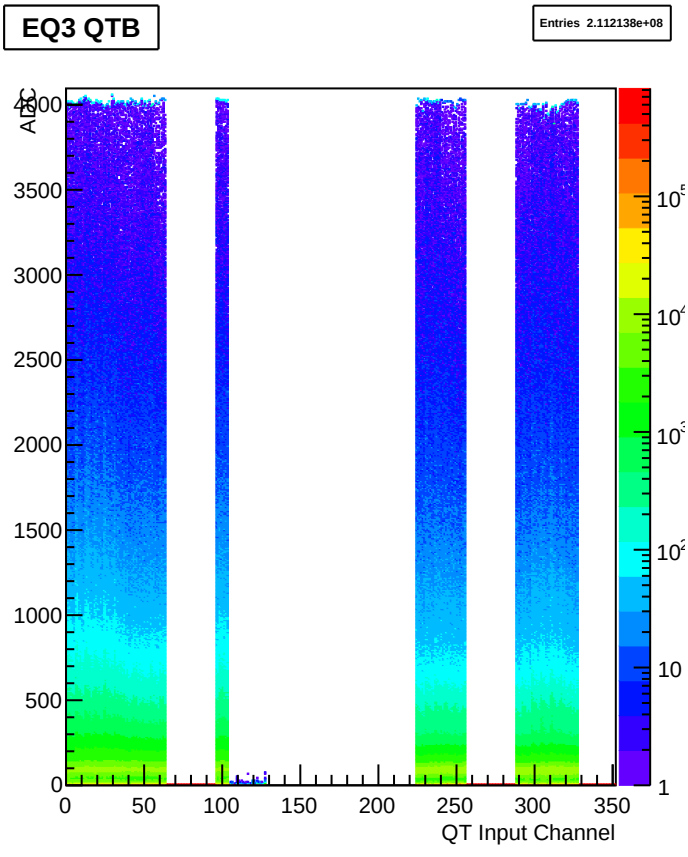

EQ1 QTC
Entries 7.920518e+07
TADC
QT Input Channel

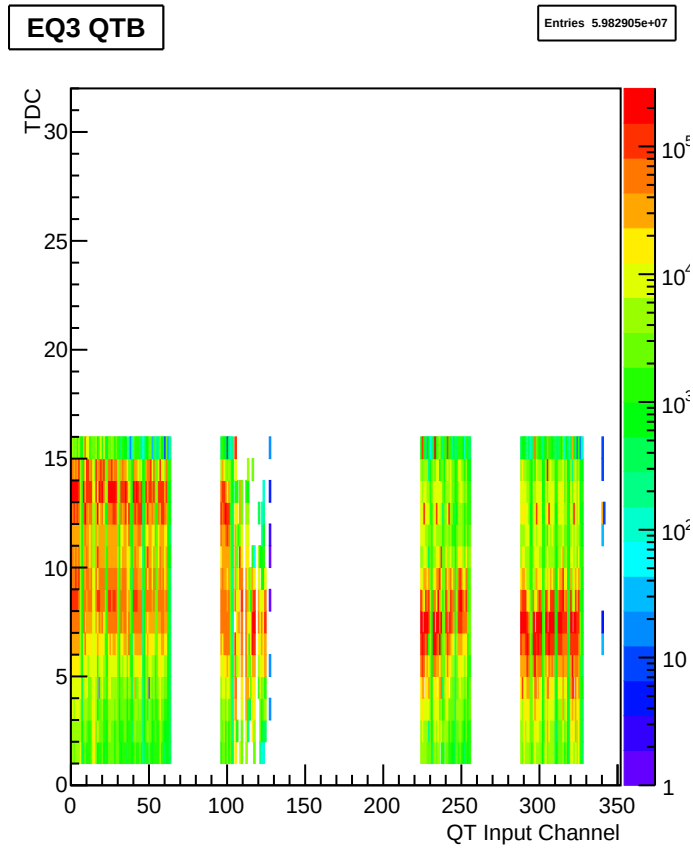

EQ2 QTB
Entries 2.376156e+08
ADC
QT Input Channel

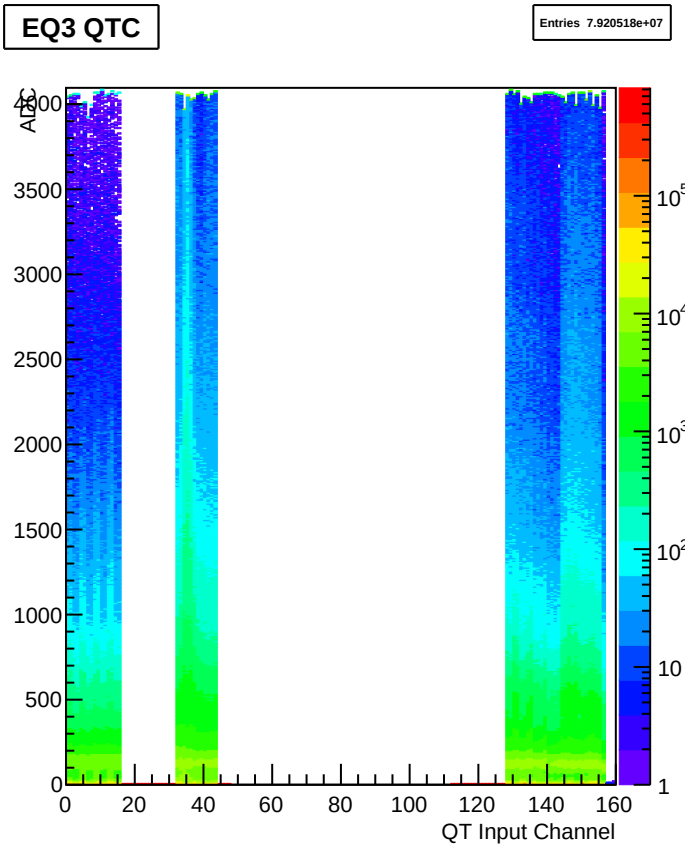

EQ2 QTB
Entries 6.043868e+07
TDC
QT Input Channel

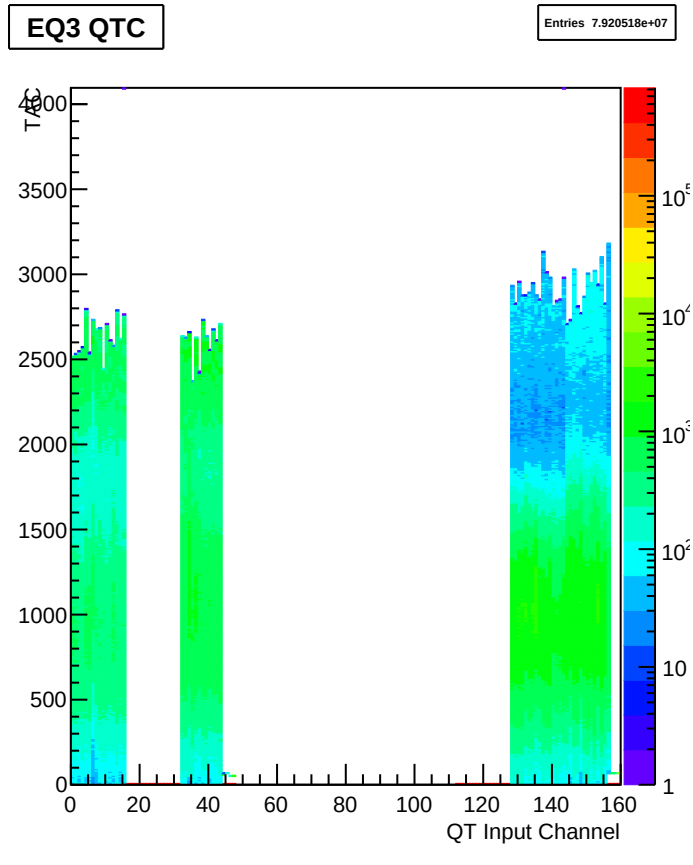

EQ2 QTC
Entries 7.920518e+07
ADC
QT Input Channel

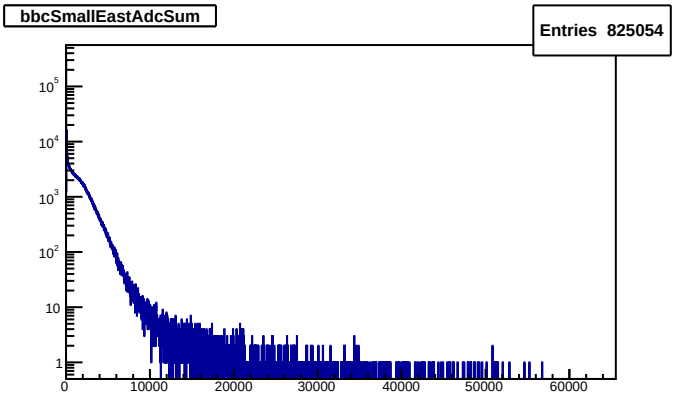

EQ2 QTC
Entries 7.920518e+07
TADC
QT Input Channel

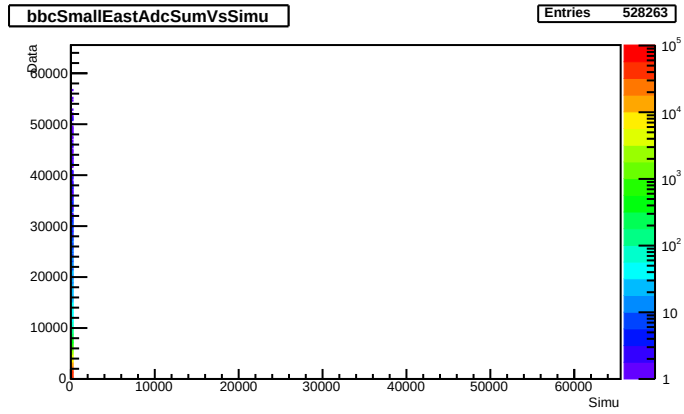

EQ3 QTB
Entries 2.112138e+08
ADC
QT Input Channel

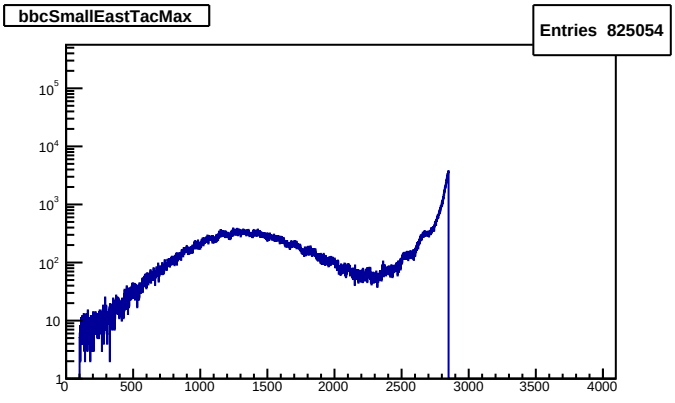

EQ3 QTB
Entries 5.982905e+07
TDC
QT Input Channel

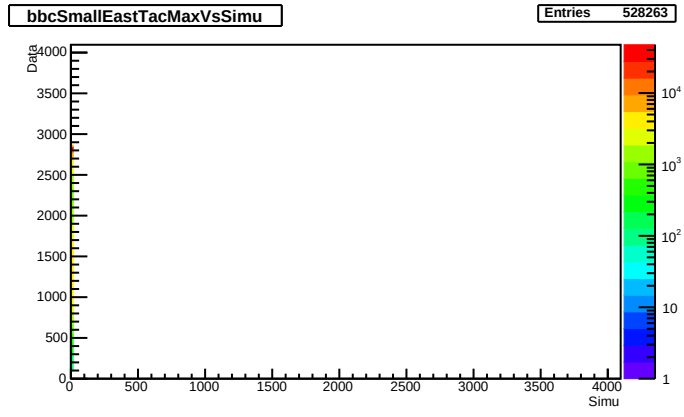

EQ3 QTC
Entries 7.920518e+07
ADC
QT Input Channel

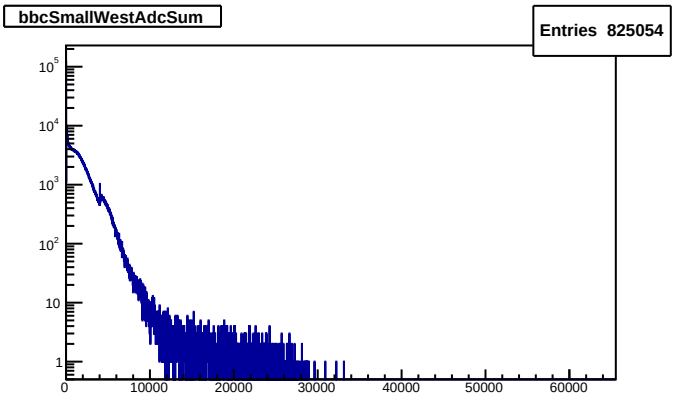

EQ3 QTC
Entries 7.920518e+07
TADC
QT Input Channel

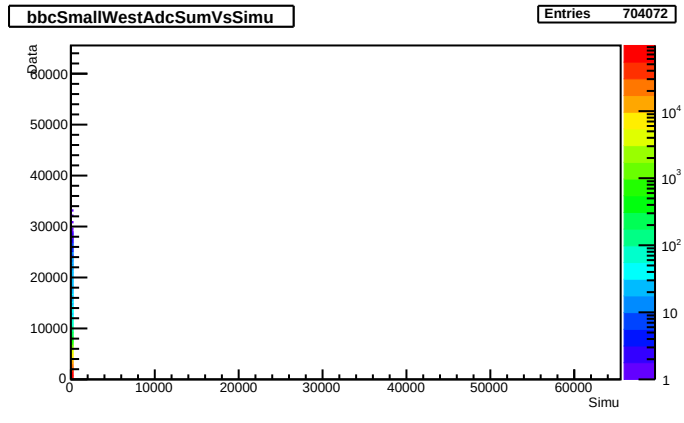

bbcSmallEastAdcSum
Entries 825054

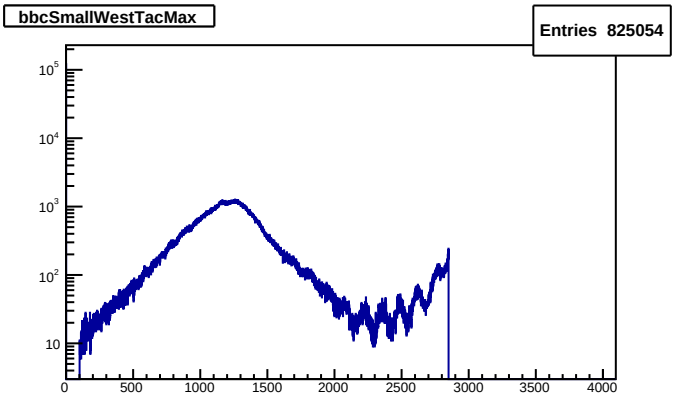

bbcSmallEastAdcSumVsSimu
Entries 528263
Data
Simu

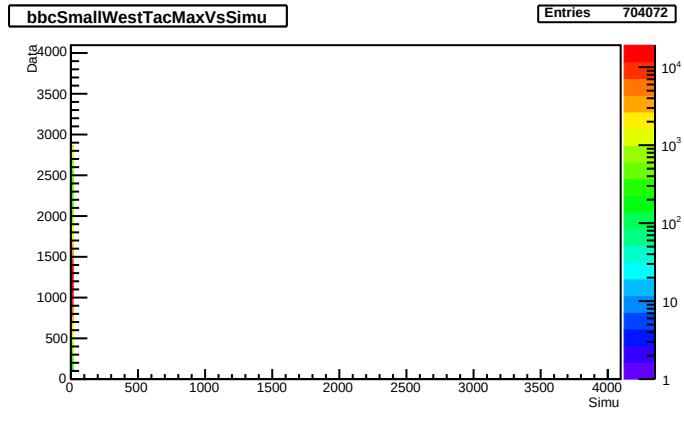

bbcSmallEastTacMax
Entries 825054

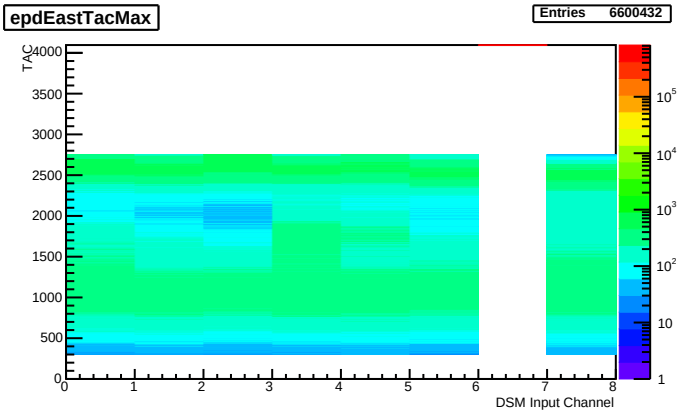

bbcSmallEastTacMaxVsSimu
Entries 528263
Data
Simu

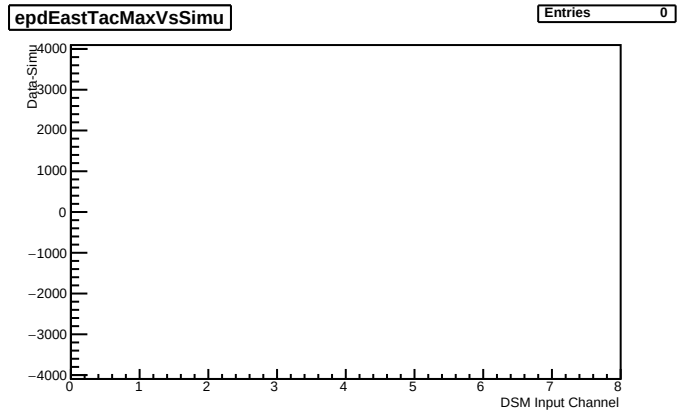

bbcSmallWestAdcSum
Entries 825054

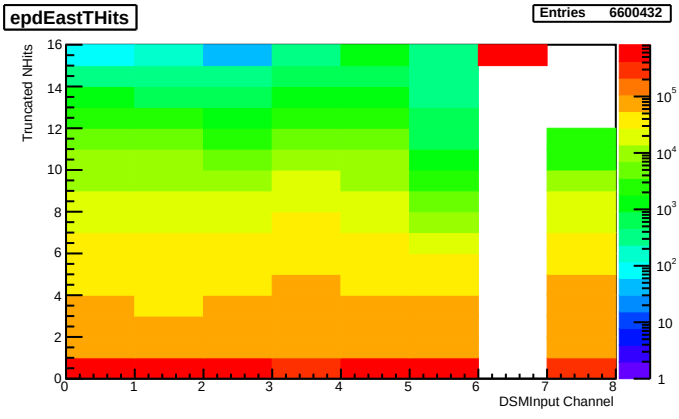

bbcSmallWestAdcSumVsSimu
Entries 704072
Data
Simu

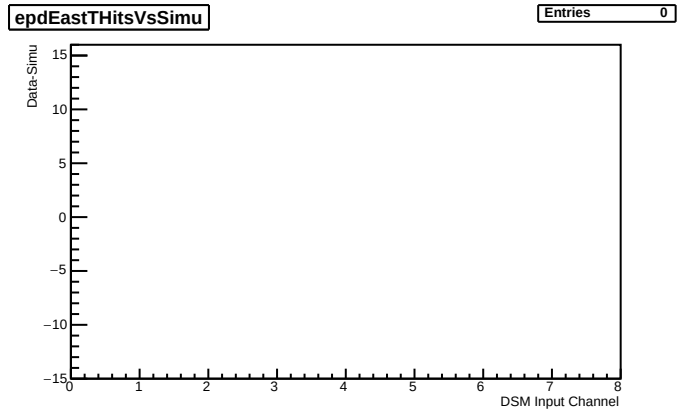

bbcSmallWestTacMax
Entries 825054

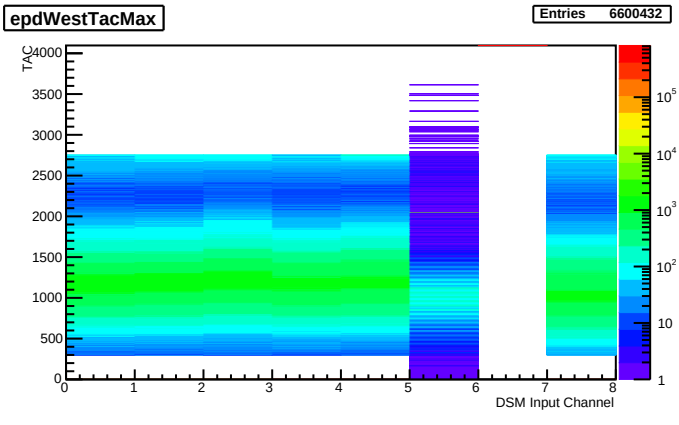

bbcSmallWestTacMaxVsSimu
Entries 704072
Data
Simu

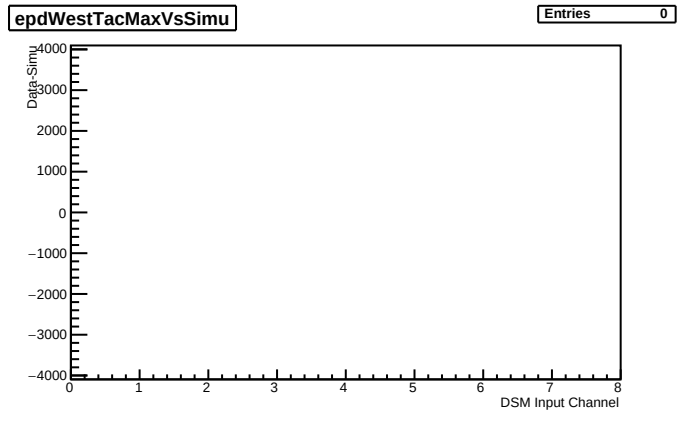

epdEastTacMax
Entries 6600432
TAC
DSM Input Channel

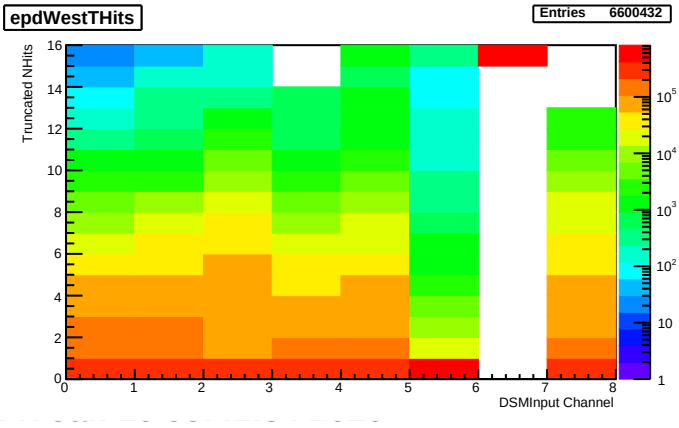

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

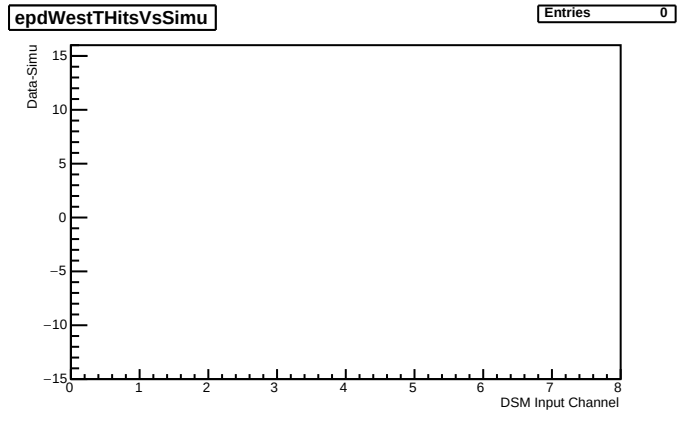

epdEastTHits
Entries 6600432
Truncated NHits
DSMInput Channel

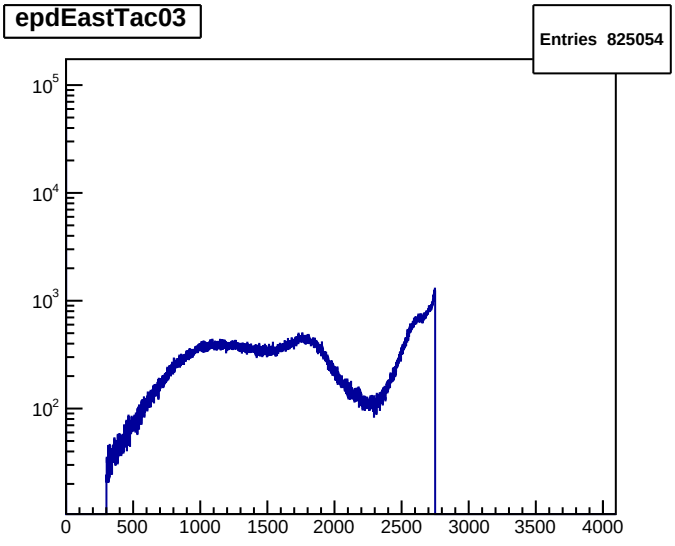

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

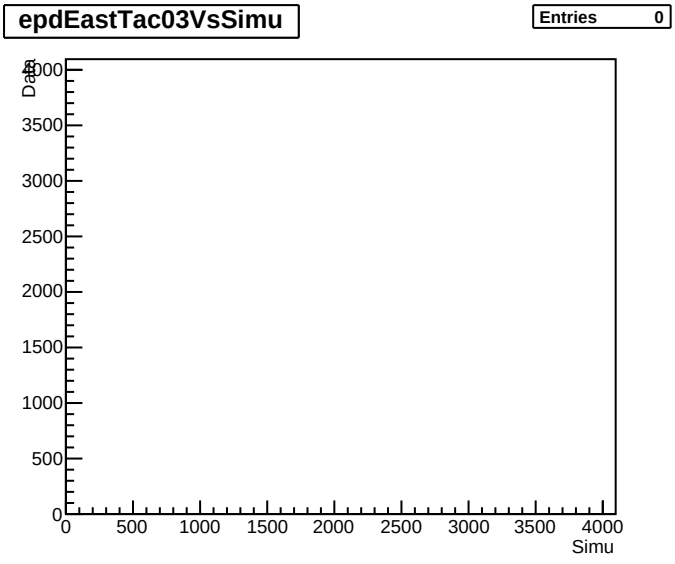

epdWestTacMax
Entries 6600432
TAC
DSM Input Channel

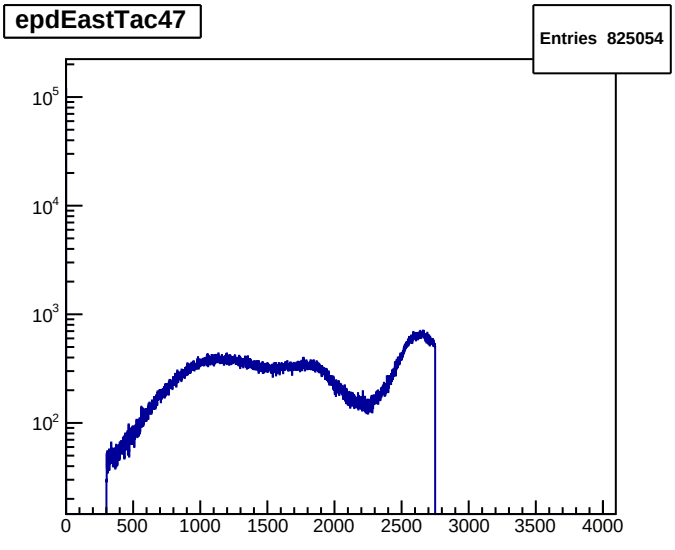

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

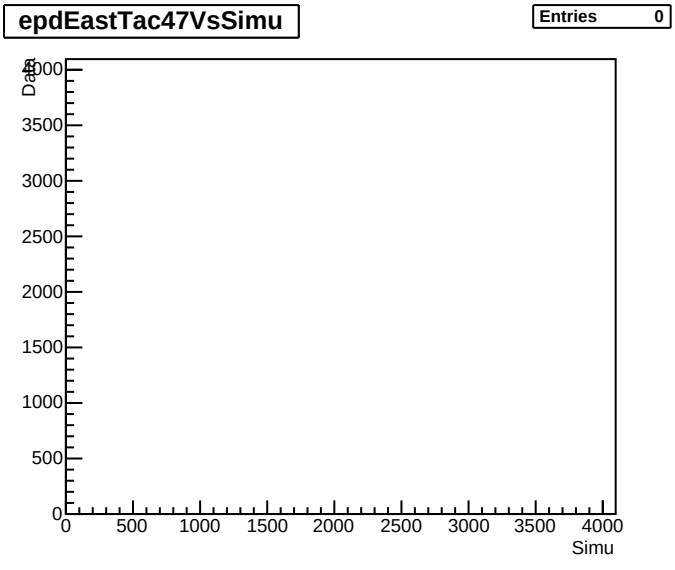

epdWestTHits
Entries 6600432
Truncated NHits
DSMInput Channel

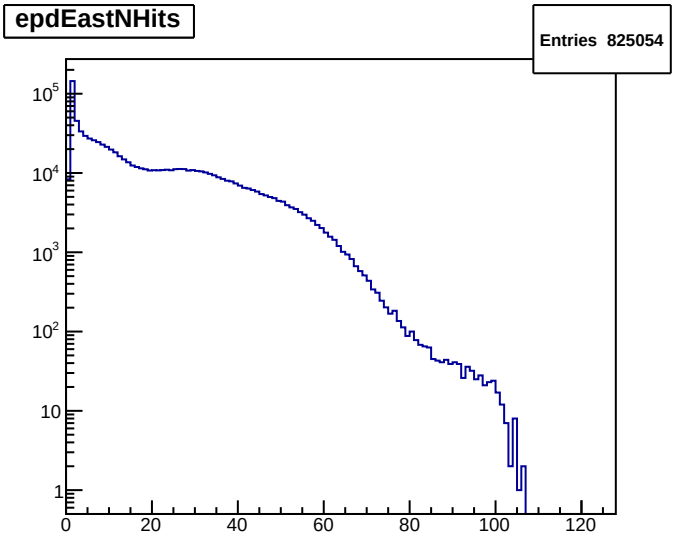

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

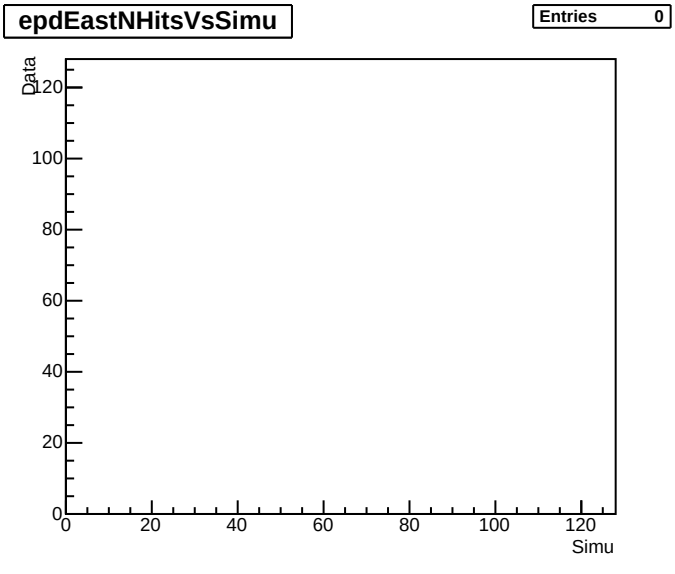

epdEastTac03
Entries 825054

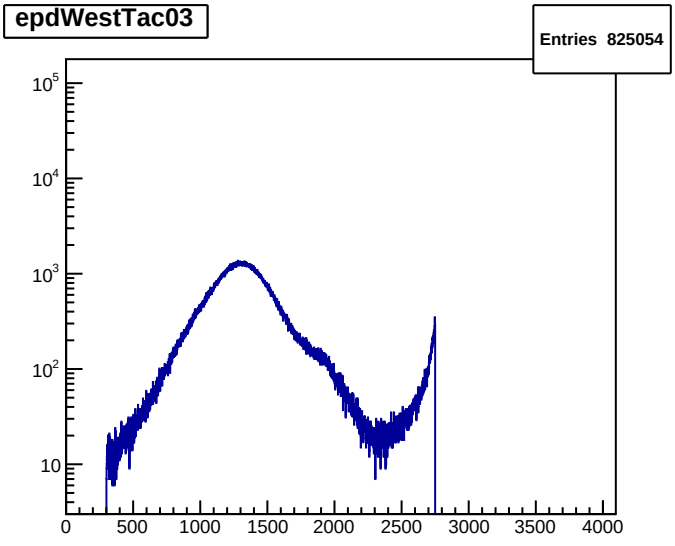

epdEastTac03VsSimu
Entries 0
Data
Simu

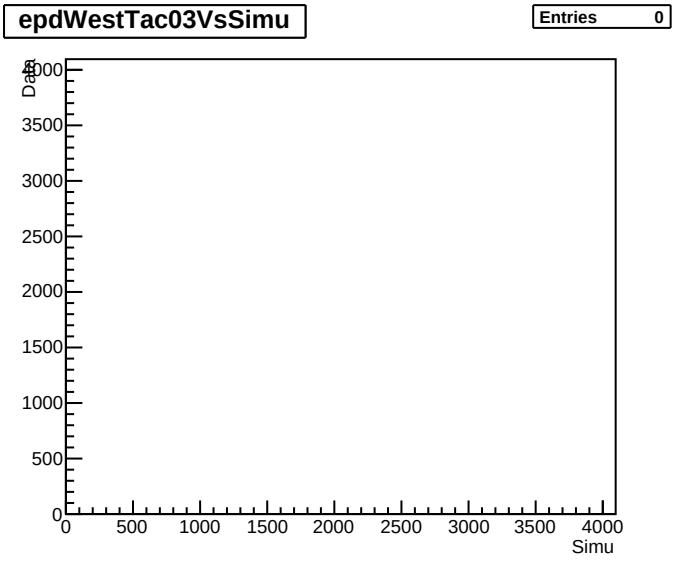

epdEastTac47
Entries 825054

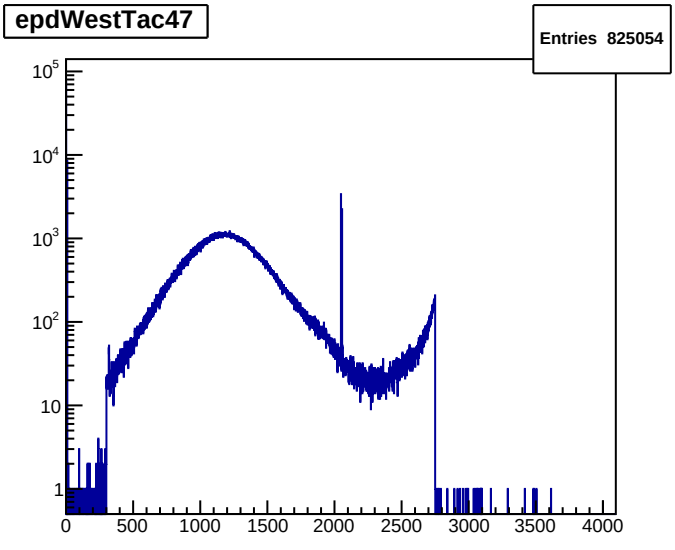

epdEastTac47VsSimu
Entries 0
Data
Simu

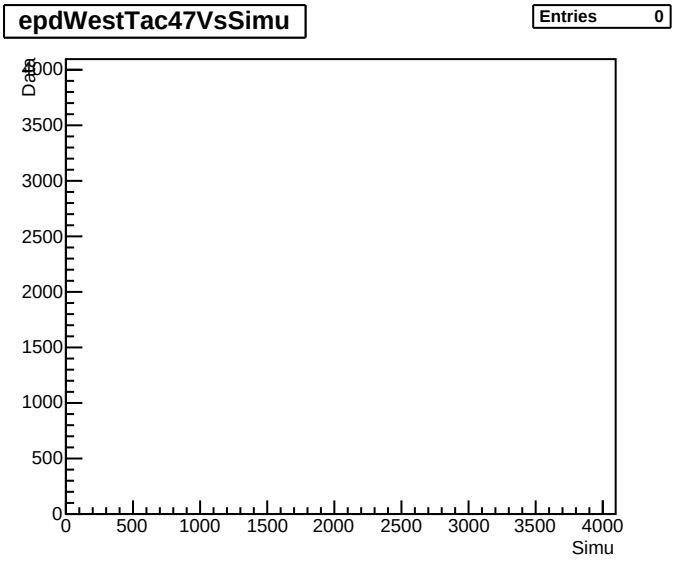

epdEastNHits
Entries 825054

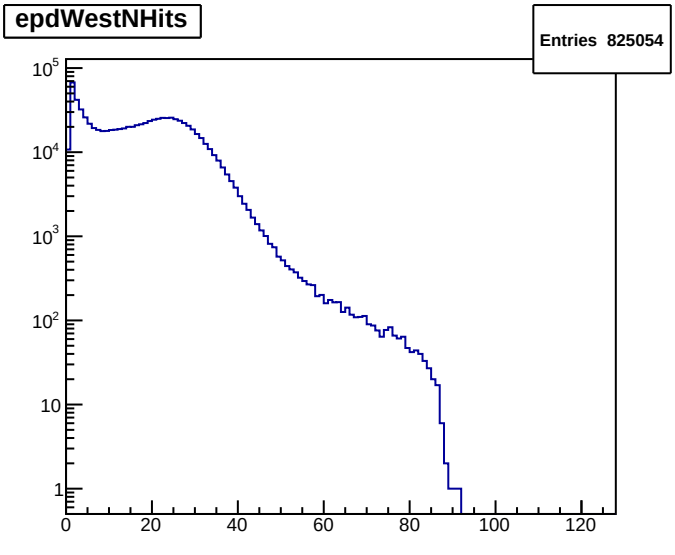

epdEastNHitsVsSimu
Entries 0
Data
Simu

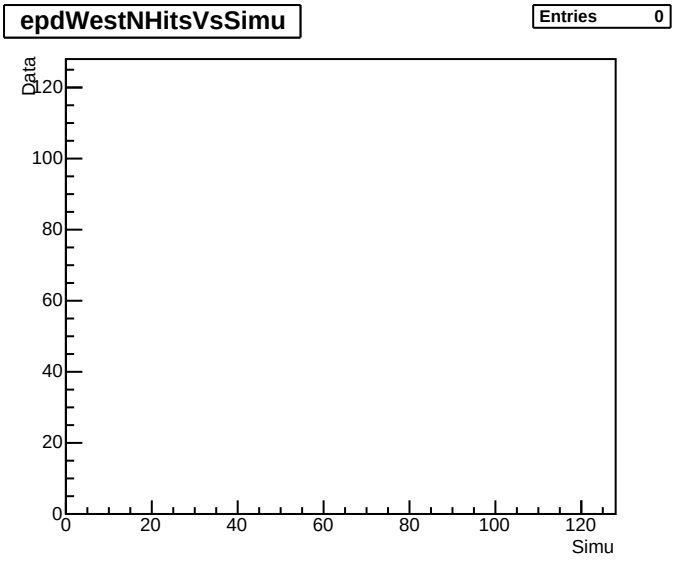

epdWestTac03
Entries 825054

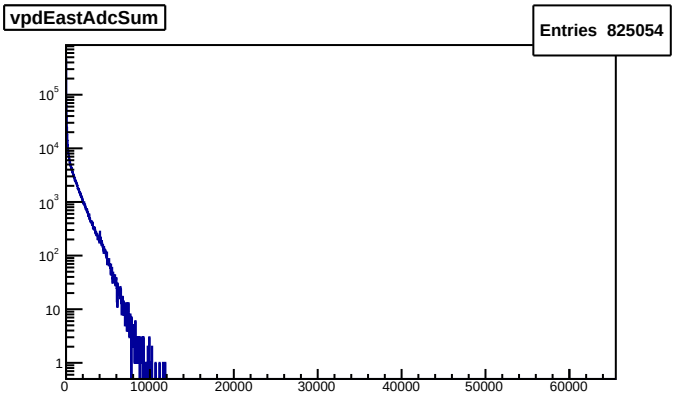

epdWestTac03VsSimu
Entries 0
Data
Simu

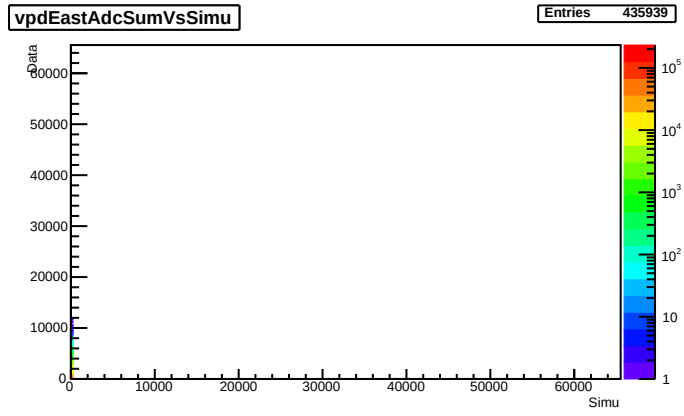

epdWestTac47
Entries 825054

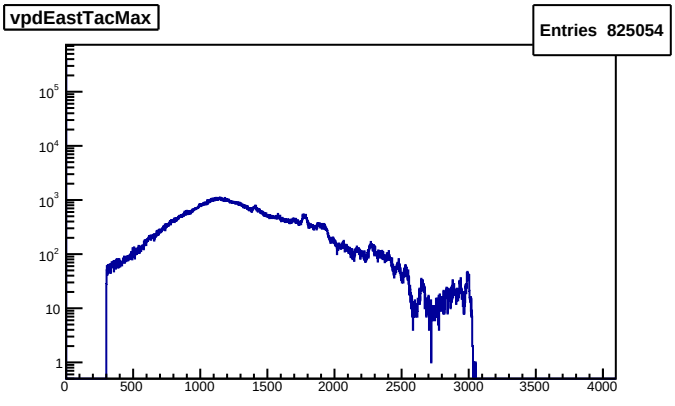

epdWestTac47VsSimu
Entries 0
Data
Simu

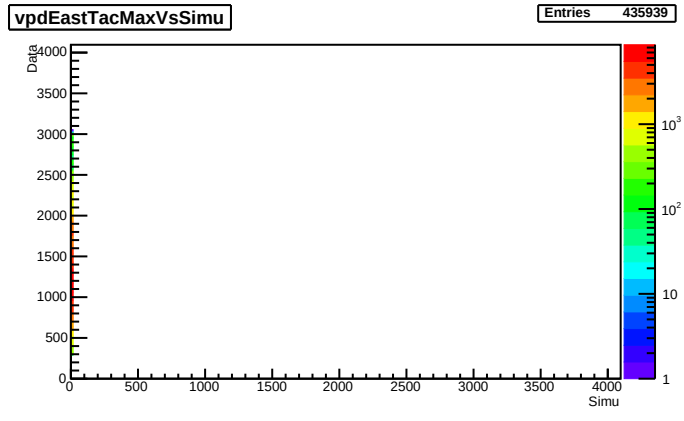

epdWestNHits
Entries 825054

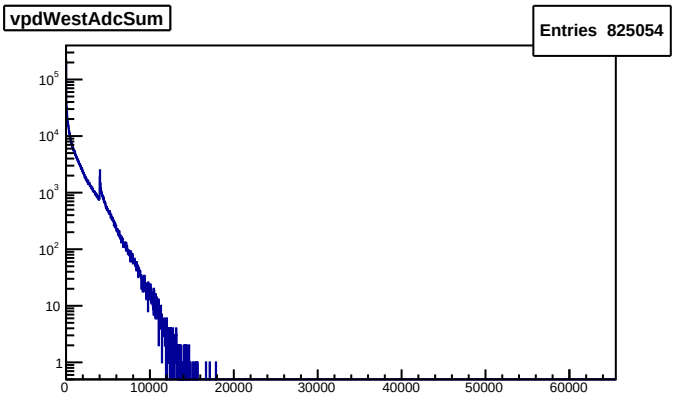

epdWestNHitsVsSimu
Entries 0
Data
Simu

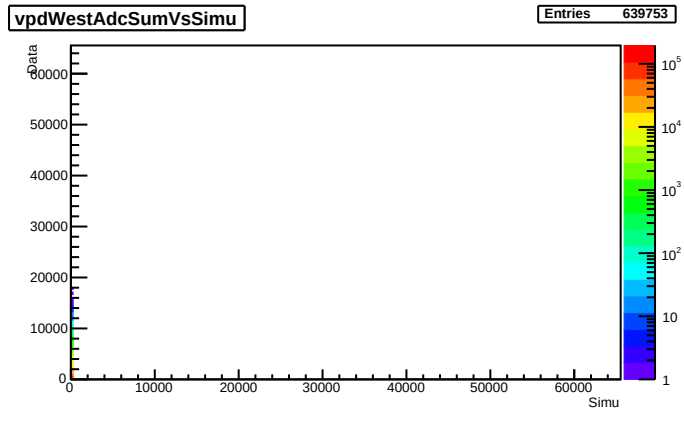

vpdEastAdcSum
Entries 825054

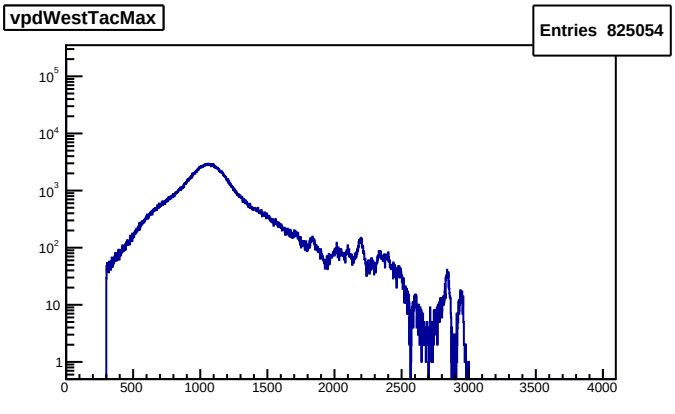

vpdEastAdcSumVsSimu
Entries 435939
Data
Simu

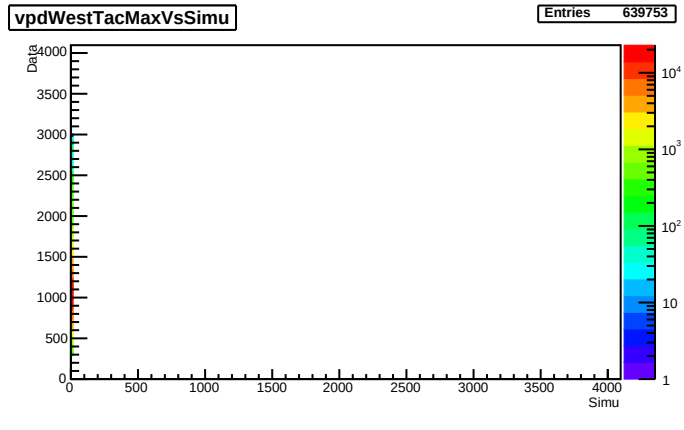

vpdEastTacMax
Entries 825054

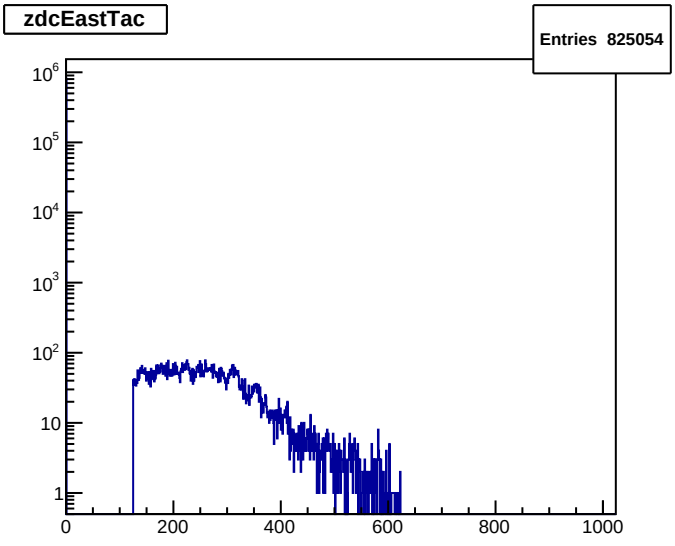

vpdEastTacMaxVsSimu
Entries 435939
Data
Simu

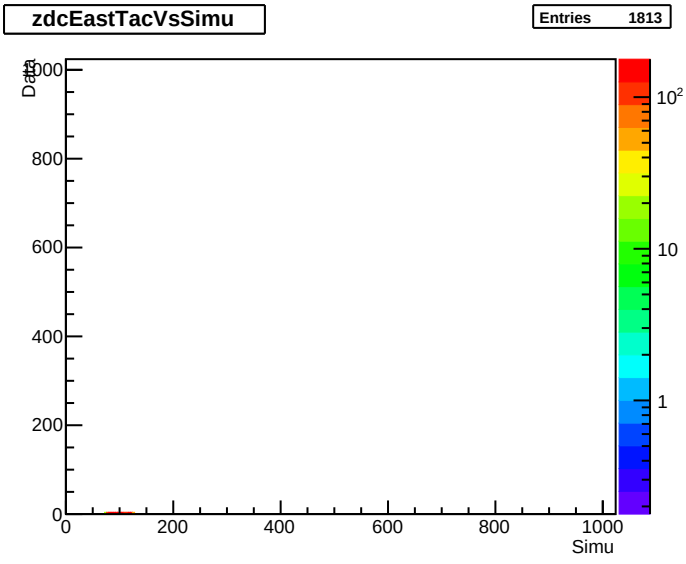

vpdWestAdcSum
Entries 825054

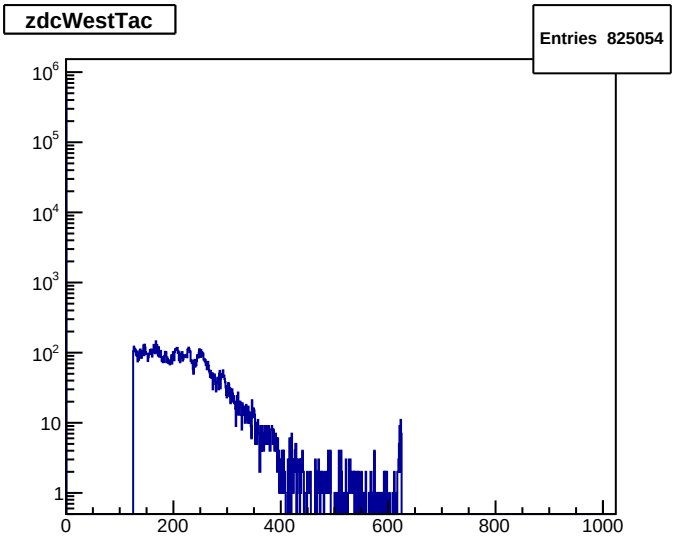

vpdWestAdcSumVsSimu
Entries 639753
Data
Simu

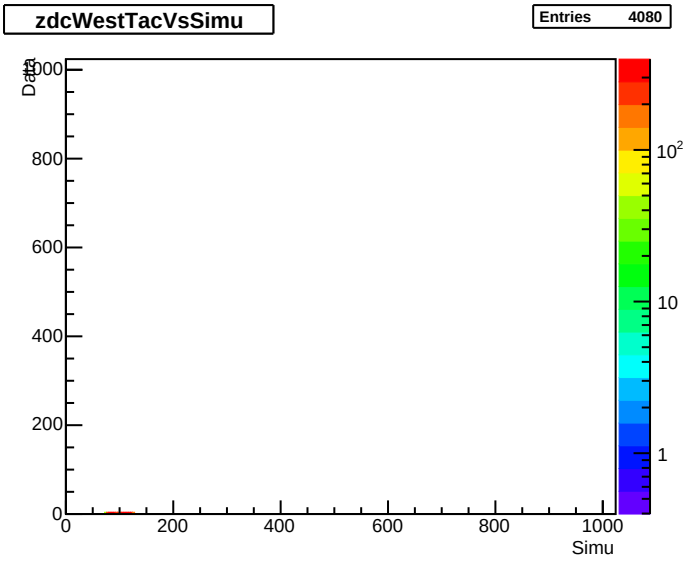

vpdWestTacMax
Entries 825054

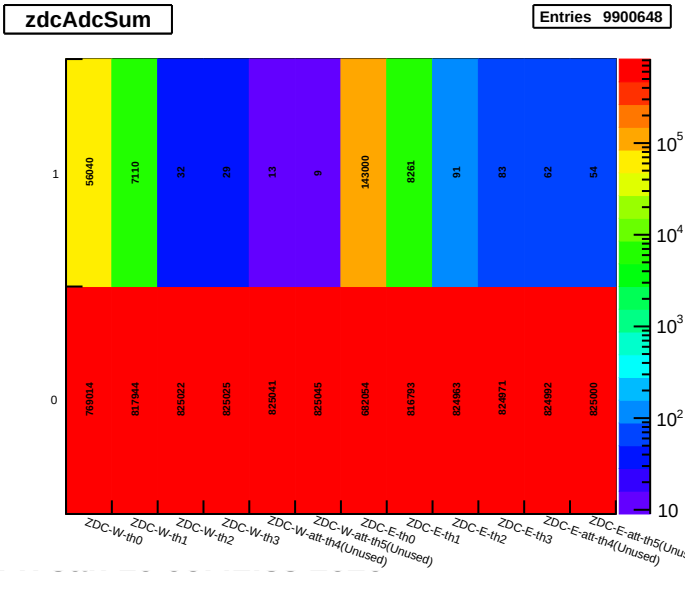

vpdWestTacMaxVsSimu
Entries 639753
Data
Simu

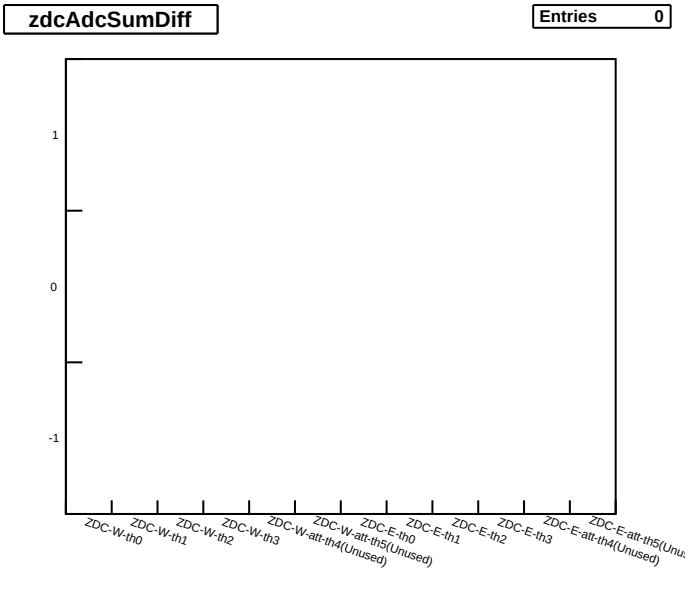

zdcEastTac
Entries 825054

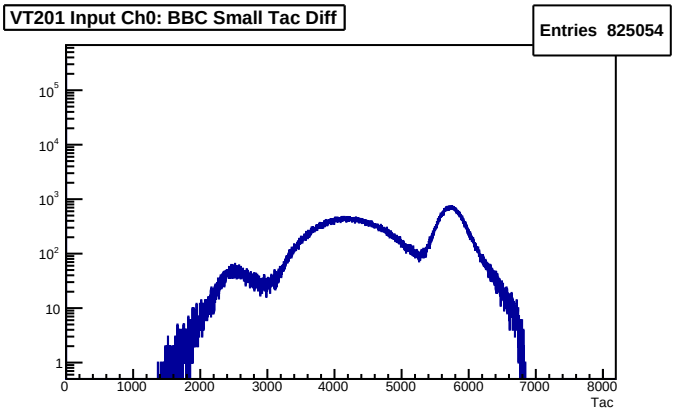

zdcEastTacVsSimu
Entries 1813
Data
Simu

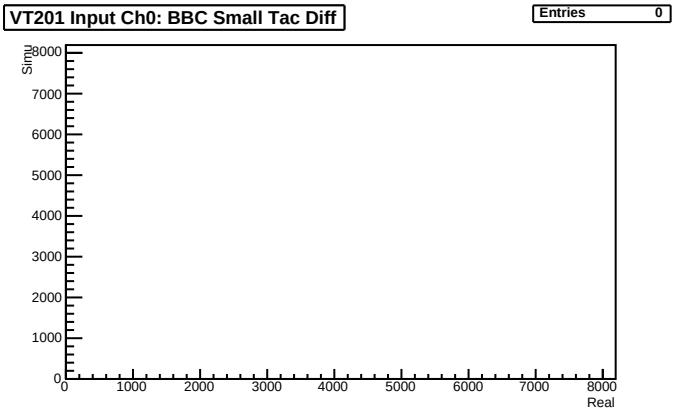

zdcWestTac
Entries 825054

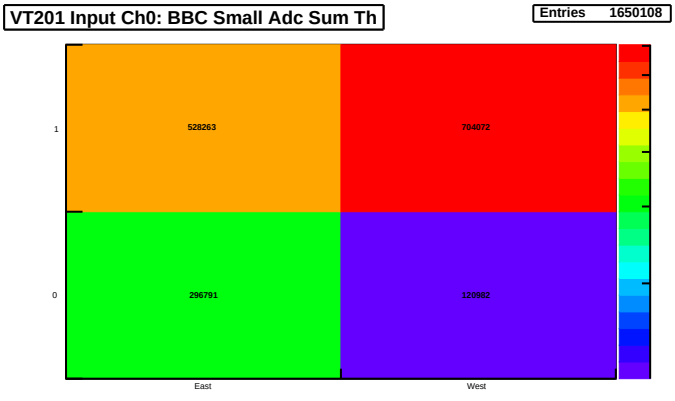

zdcWestTacVsSimu
Entries 4080
Data
Simu

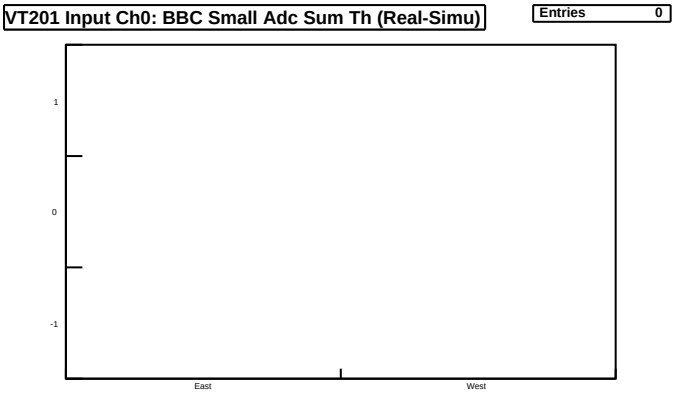

zdcAdcSum
Entries 9900648
56040
7110
32
29
13
9
143000
8261
91
83
62
54
769014
817944
825022
825025
825041
825045
682054
816793
824863
824871
824992
825000
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

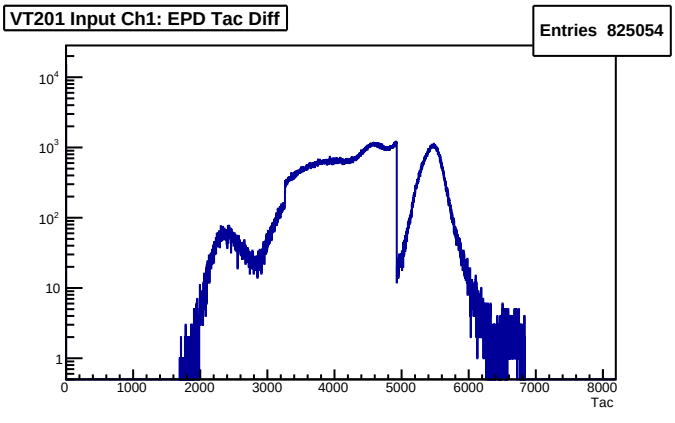

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

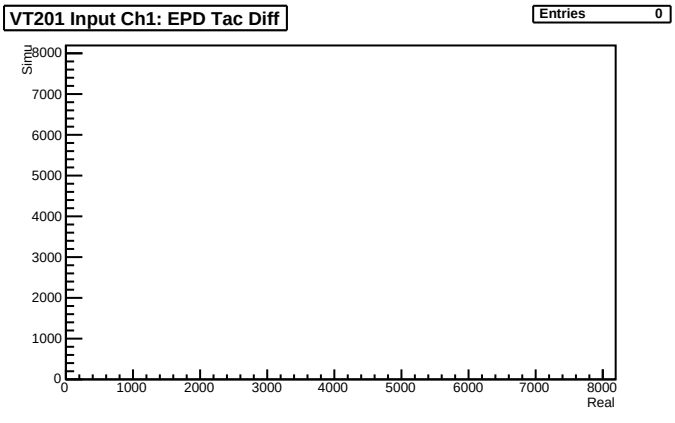

VT201 Input Ch0: BBC Small Tac Diff
Entries 825054
Tac

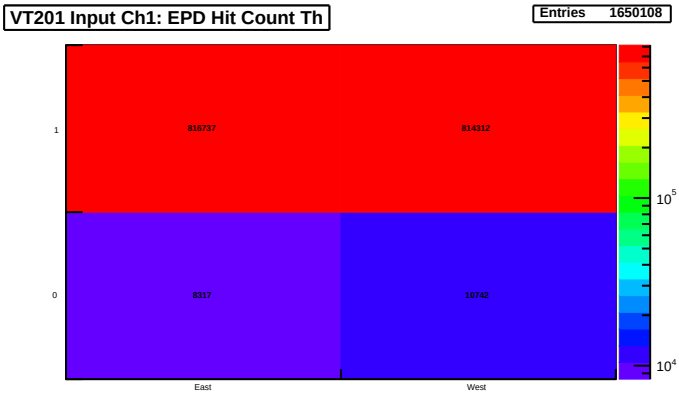

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

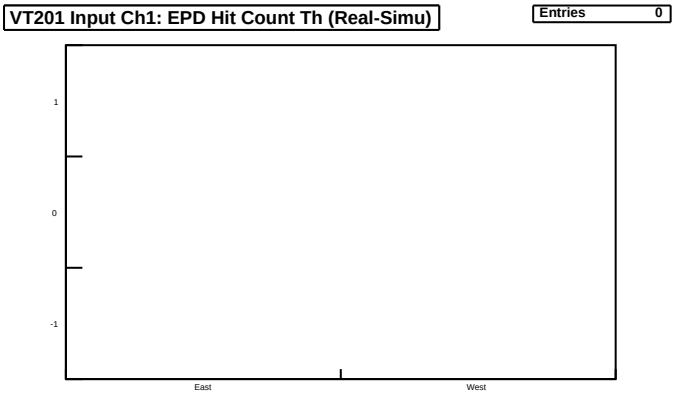

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1650108
528263
704072
296791
120982
East
West

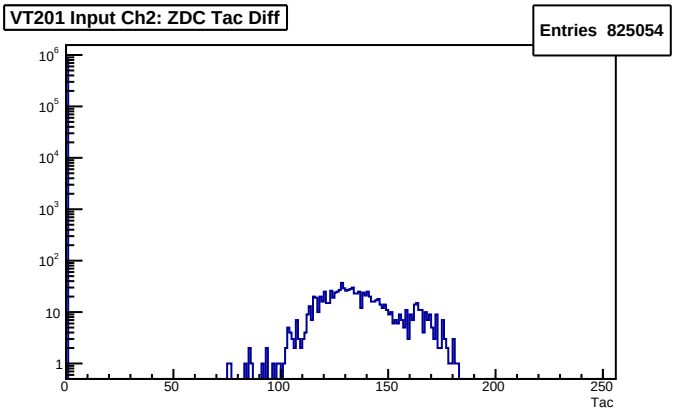

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

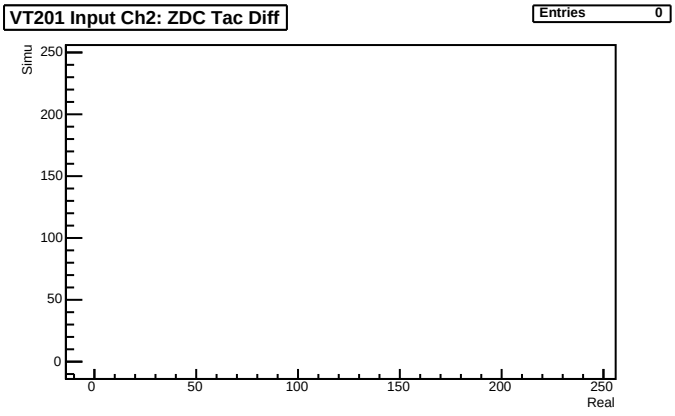

VT201 Input Ch1: EPD Tac Diff
Entries 825054
Tac

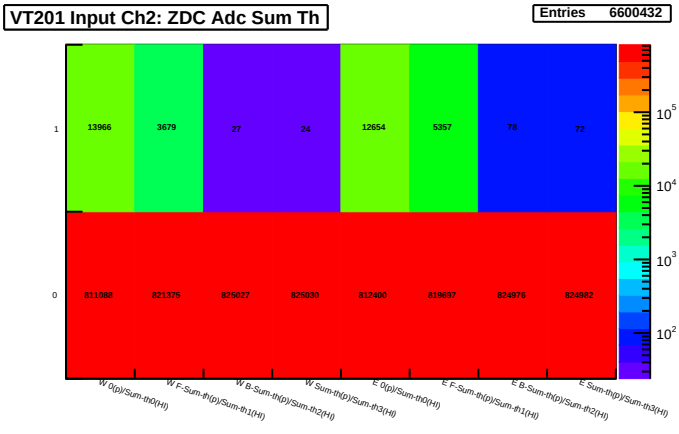

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

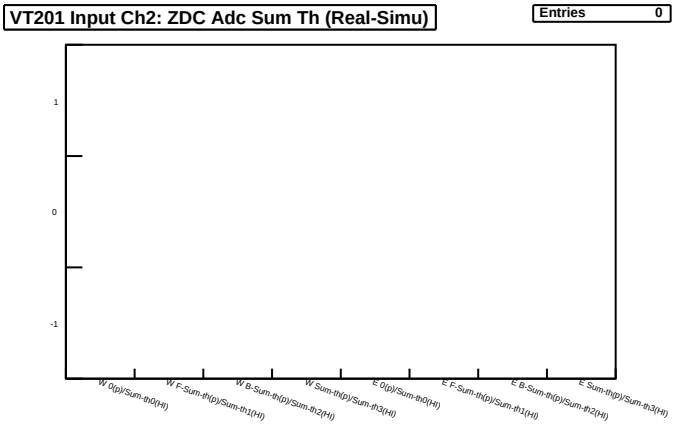

VT201 Input Ch1: EPD Hit Count Th
Entries 1650108
816737
814312
8317
10742
East
West

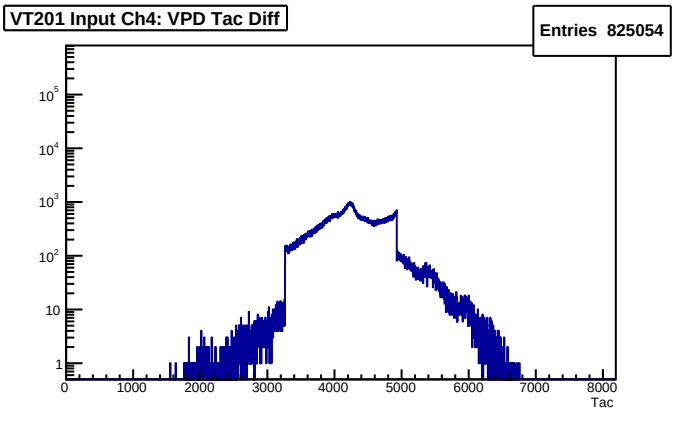

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

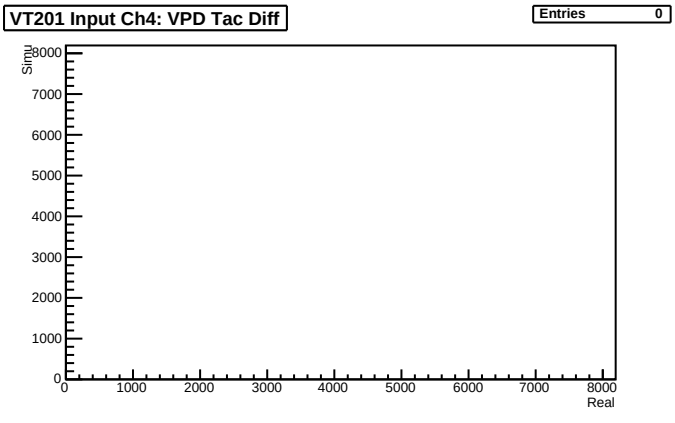

VT201 Input Ch2: ZDC Tac Diff
Entries 825054
Tac

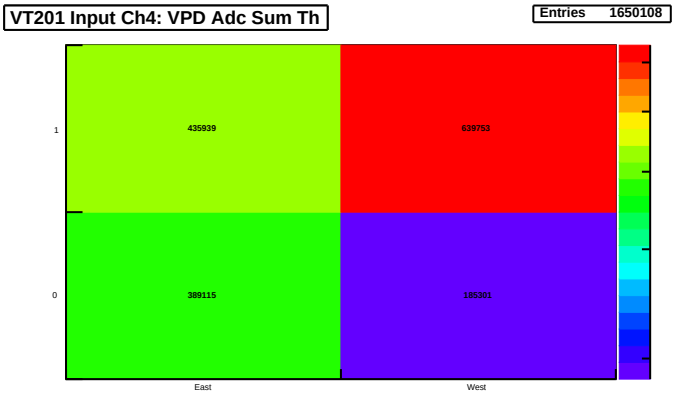

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

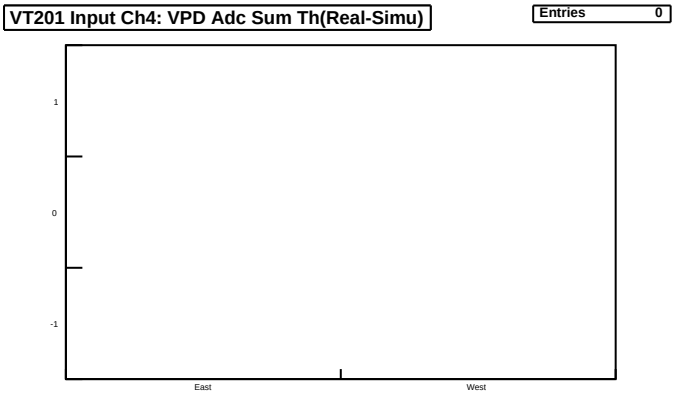

VT201 Input Ch2: ZDC Adc Sum Th
Entries 6600432
13966
3679
27
24
12654
5357
78
72
811088
821375
825027
825030
812400
819697
824976
824982
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

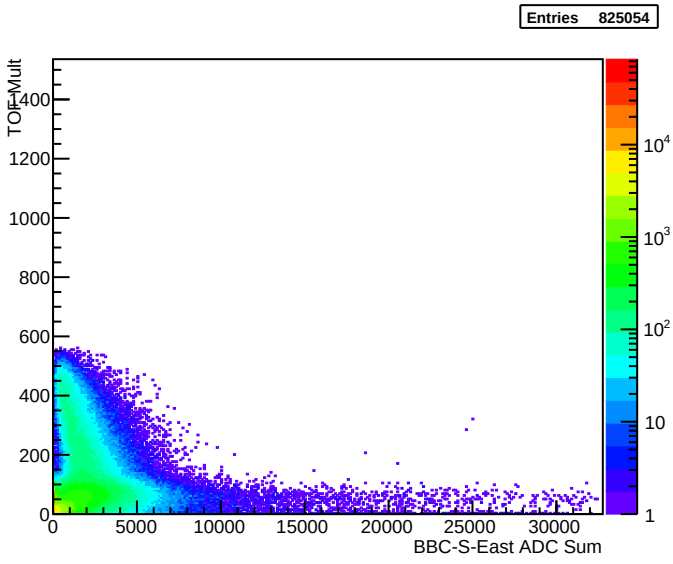

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

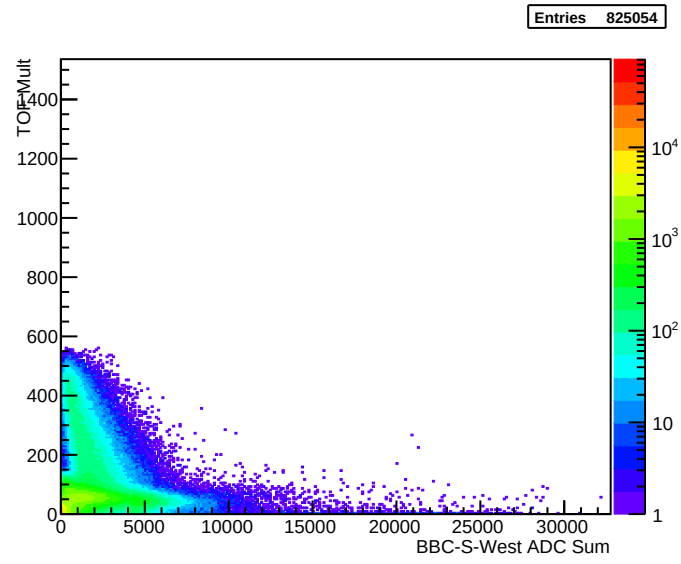

VT201 Input Ch4: VPD Tac Diff
Entries 825054
Tac

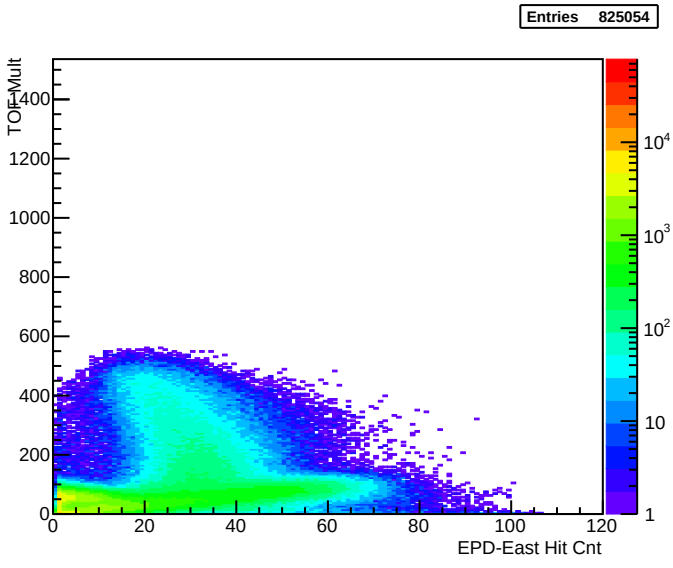

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

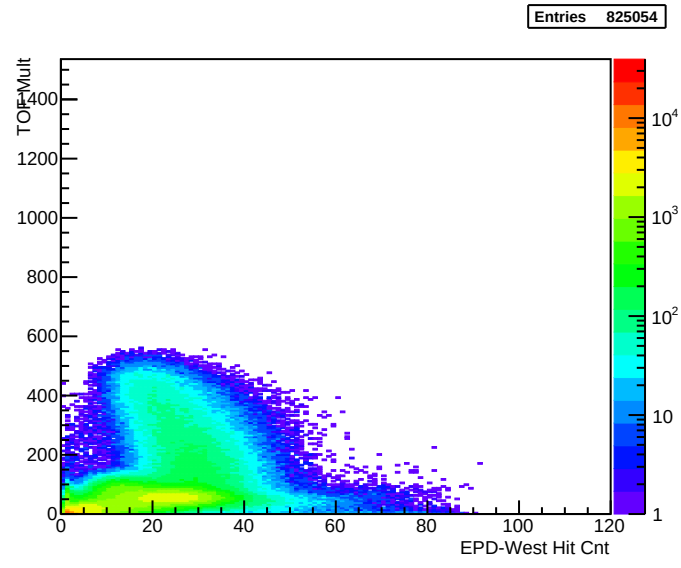

VT201 Input Ch4: VPD Adc Sum Th
Entries 1650108
435939
639753
389115
185301
East
West

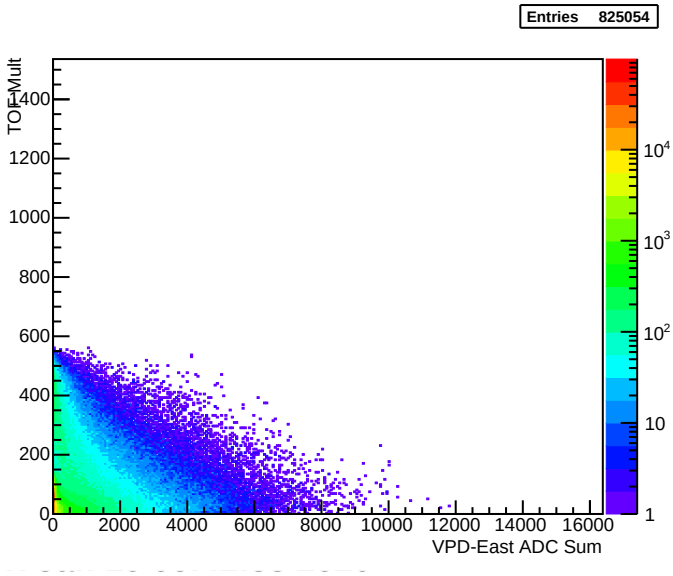

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

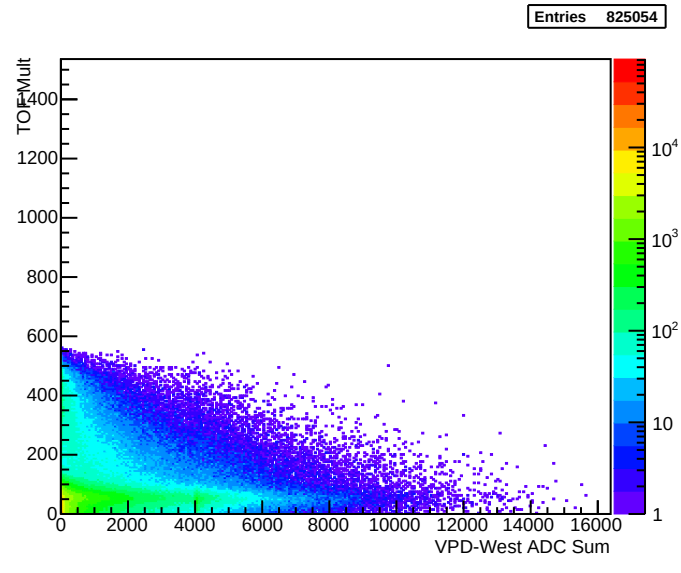

Entries 825054
TOF-Mult
BBC-S-East ADC Sum

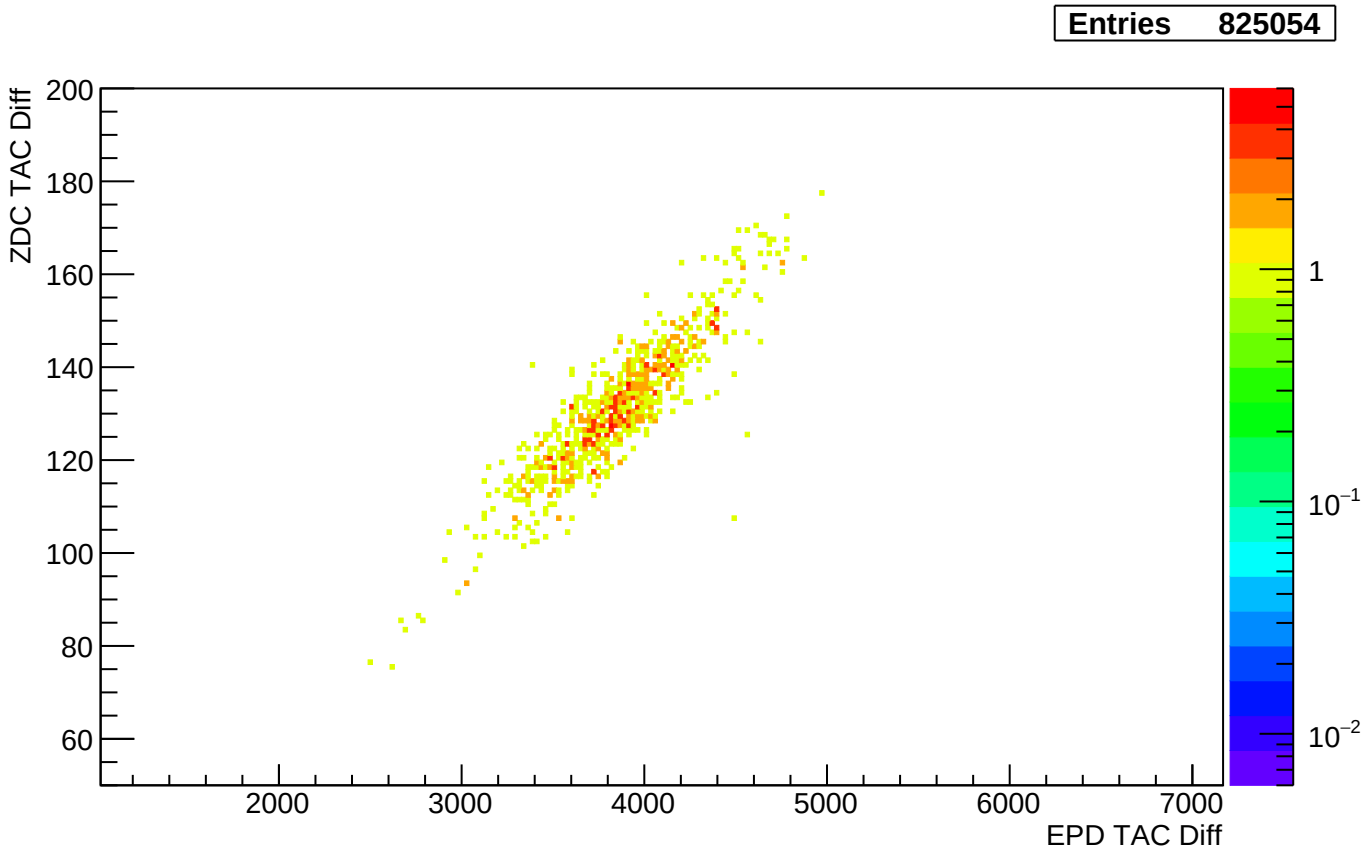

Entries 825054
TOF-Mult
BBC-S-West ADC Sum

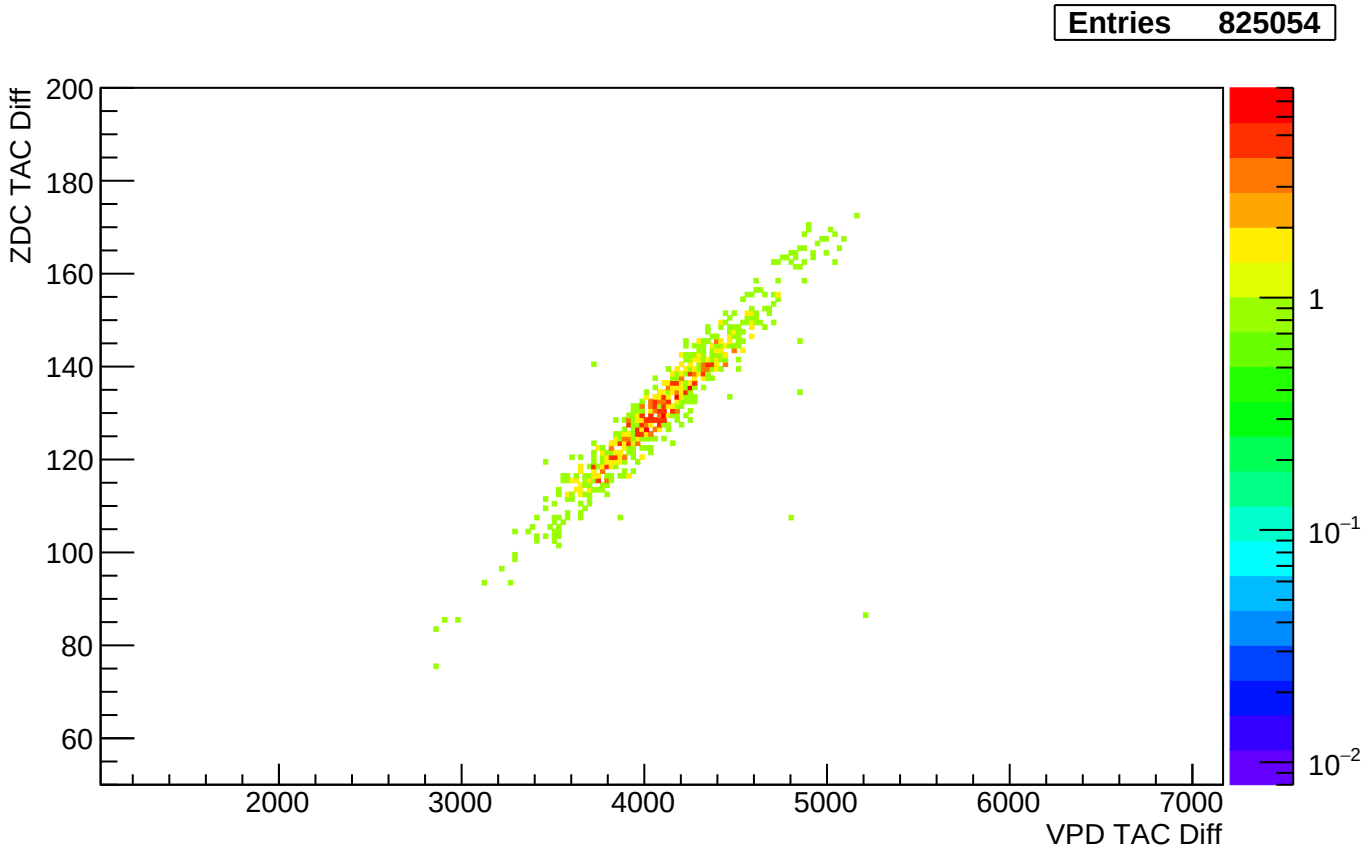

Entries 825054
TOF-Mult
EPD-East Hit Cnt

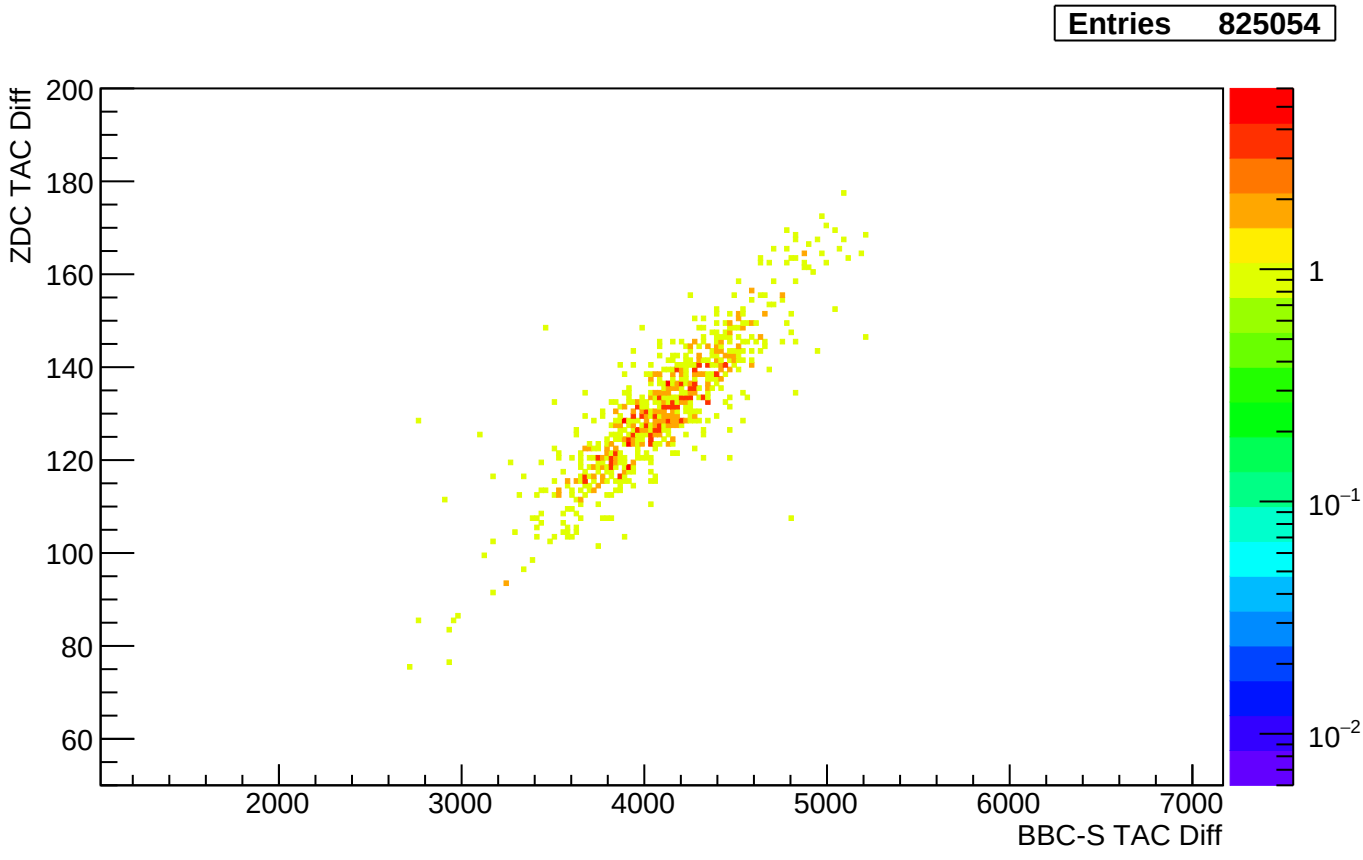

Entries 825054
TOF-Mult
EPD-West Hit Cnt

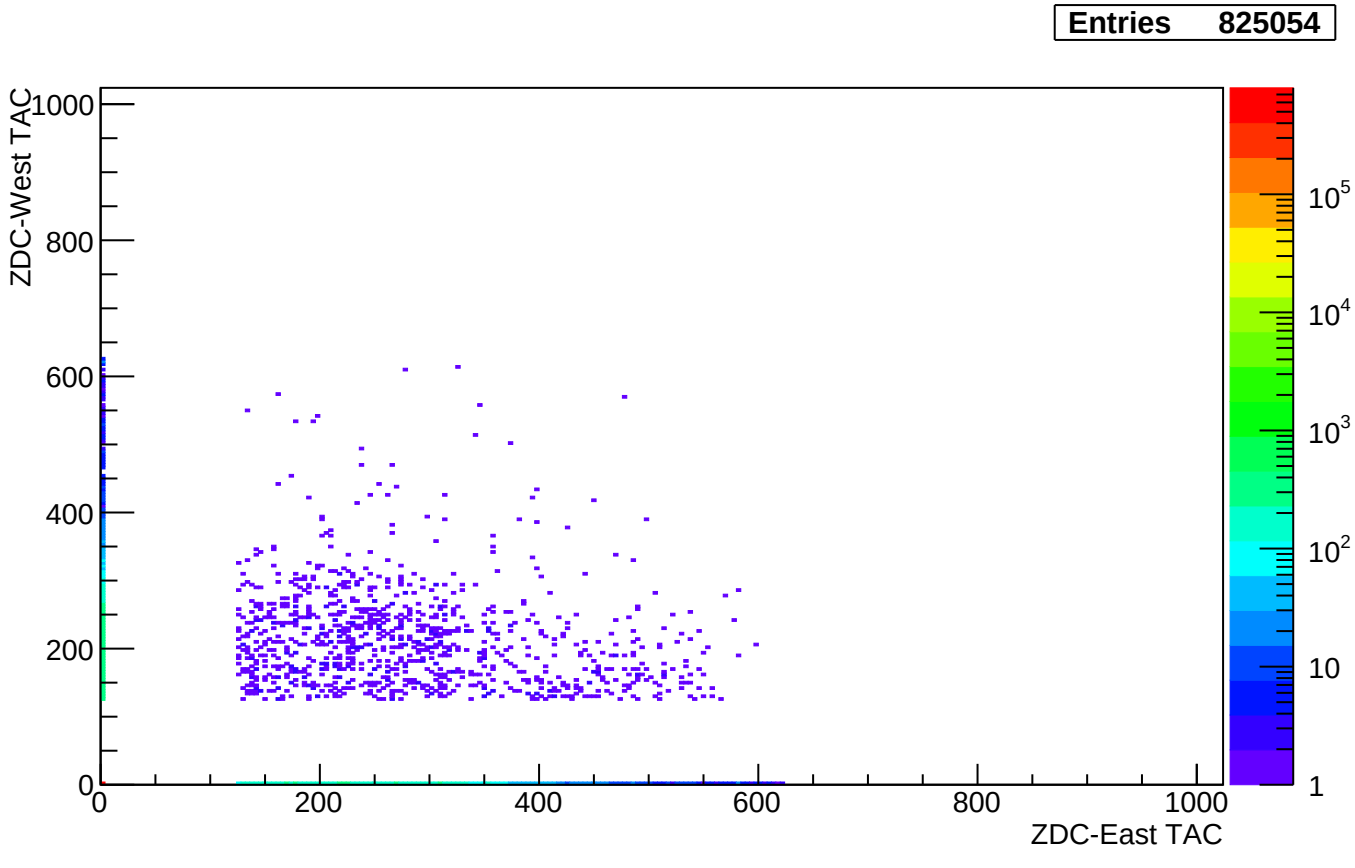

Entries 825054
TOF-Mult
VPD-East ADC Sum

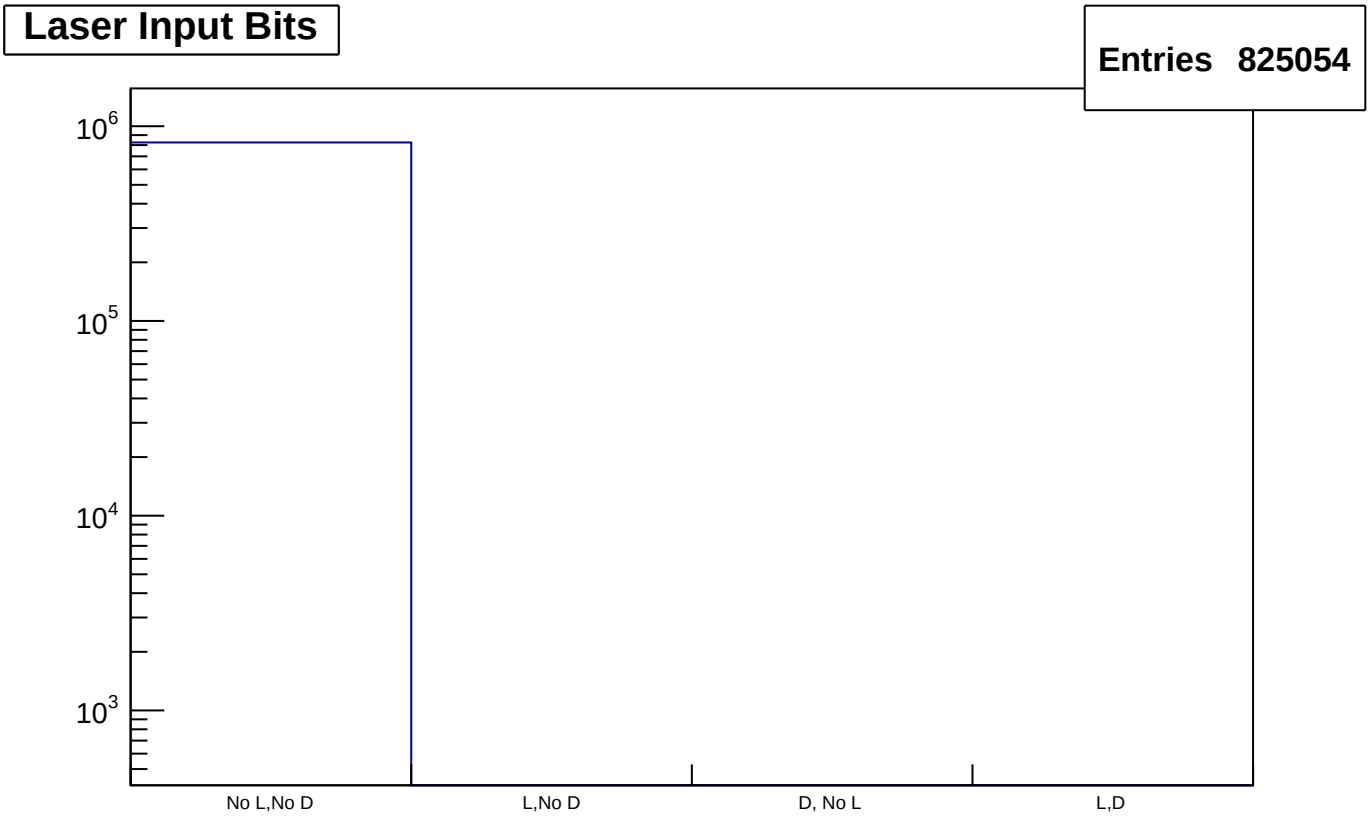

Entries 825054
TOF-Mult
VPD-West ADC Sum

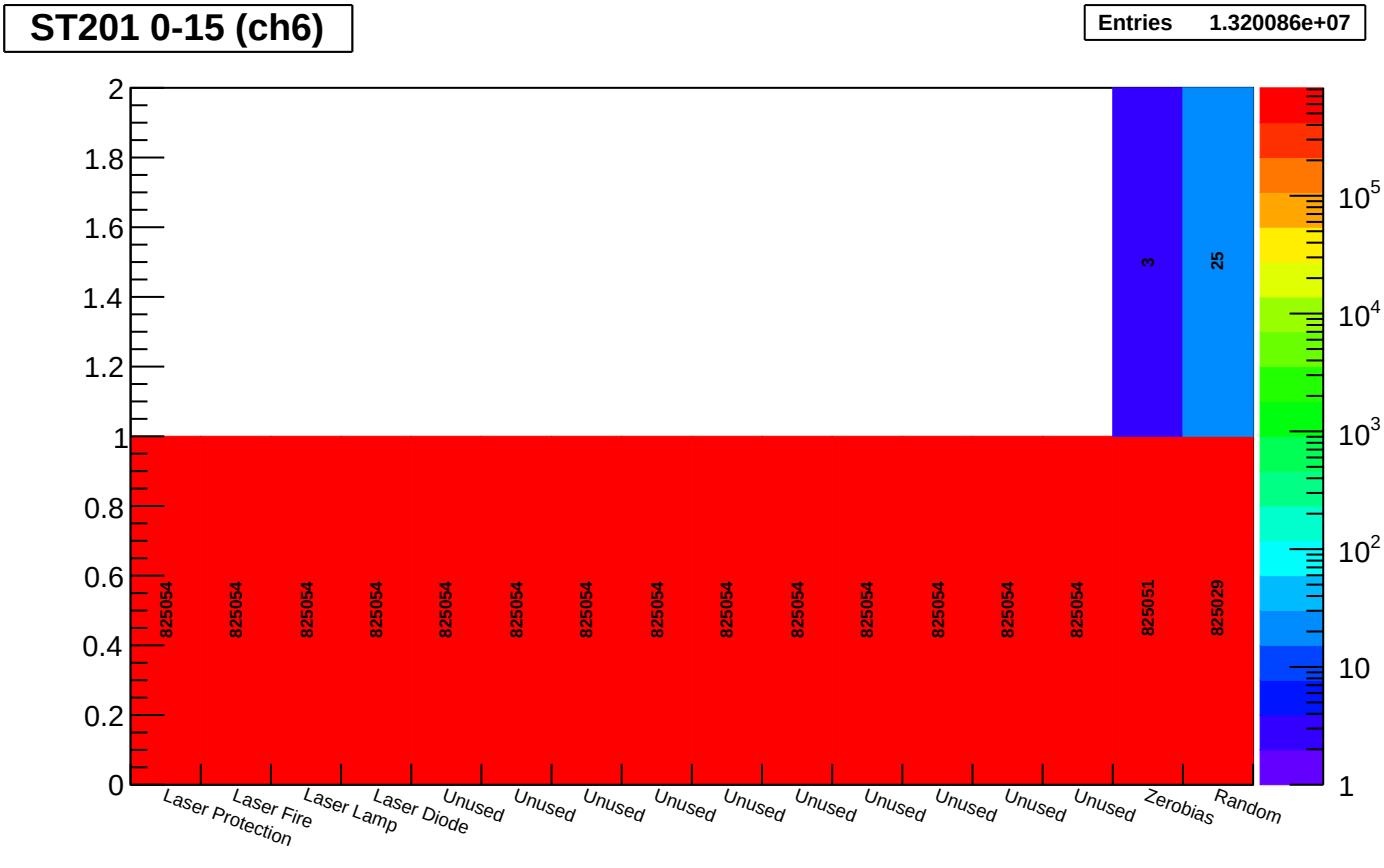

Entries 825054
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

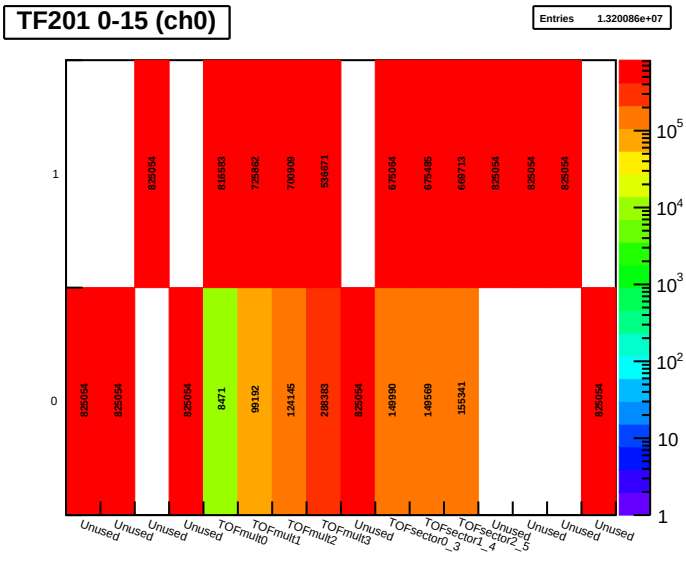

Entries 825054
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

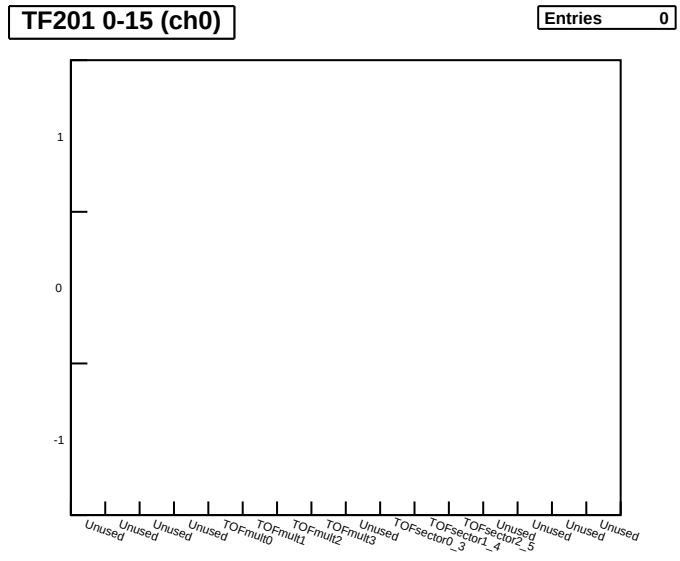

Entries 825054
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

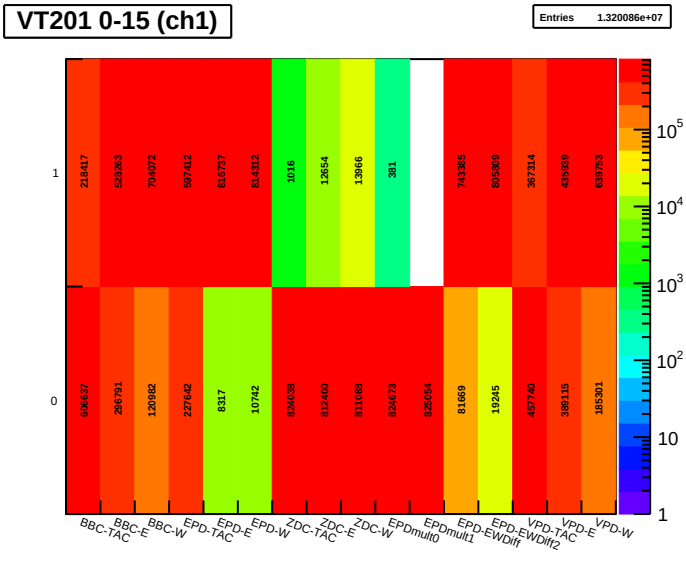

Entries 825054
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

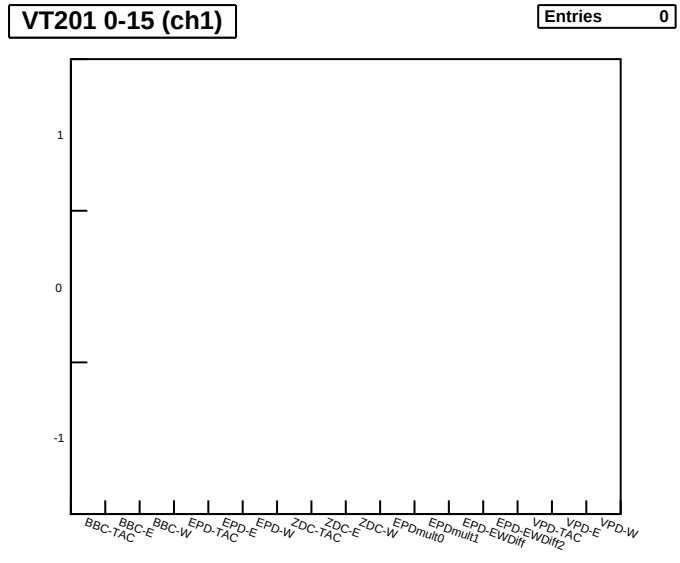

Laser Input Bits
Entries 825054
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

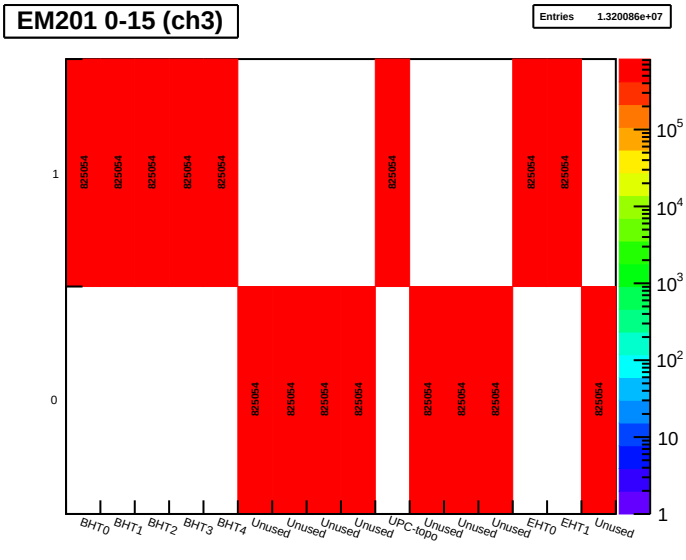

ST201 0-15 (ch6)
Entries 1.320086e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
825054
825051
825029
3
25
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

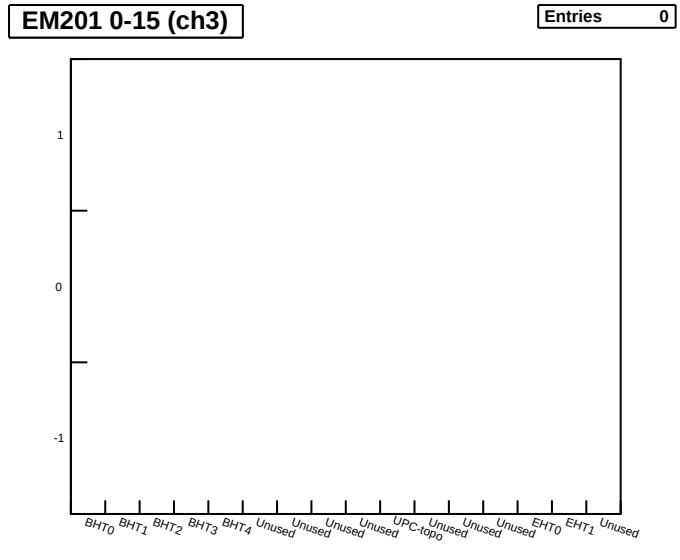

TF201 0-15 (ch0)
Entries 1.320086e+07
825054 816583 725862 700909 536671 675064 675485 689713 825054 825054 825054
825054 825054 825054 8471 99192 124145 288383 825054 149990 149569 155341 825054
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 1.320086e+07
218417 528263 704072 597412 816737 814312 1016 12654 13966 381 743385 805809 367314 435939 639753
606637 296791 120982 227642 8317 10742 824038 812400 811088 824673 825054 81669 19245 457740 389115 185301
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


VT201 0-15 (ch1)
Entries 0
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 1.320086e+07
825054 825054 825054 825054 825054 825054 825054 825054 825054
825054 825054 825054 825054 825054 825054 825054 825054
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


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