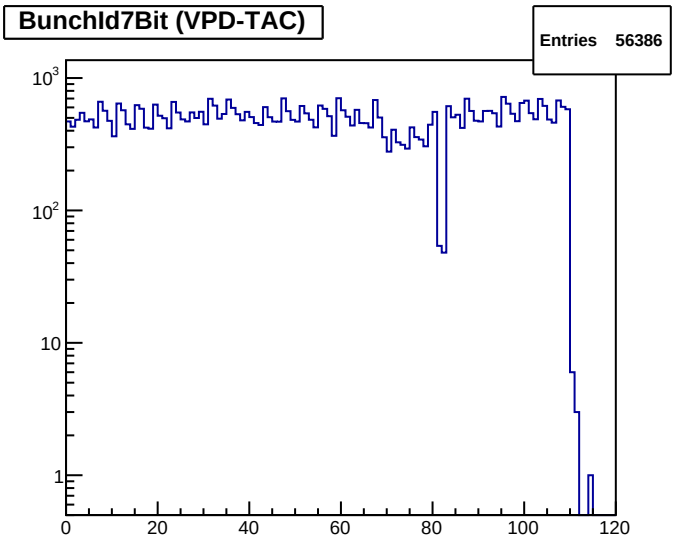
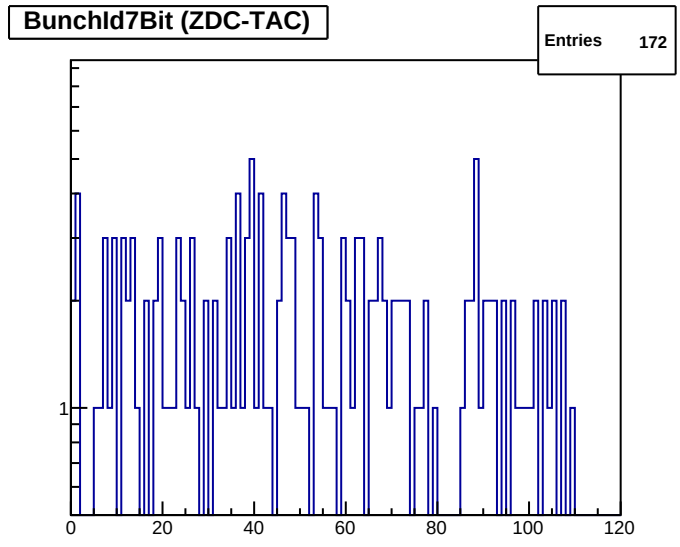
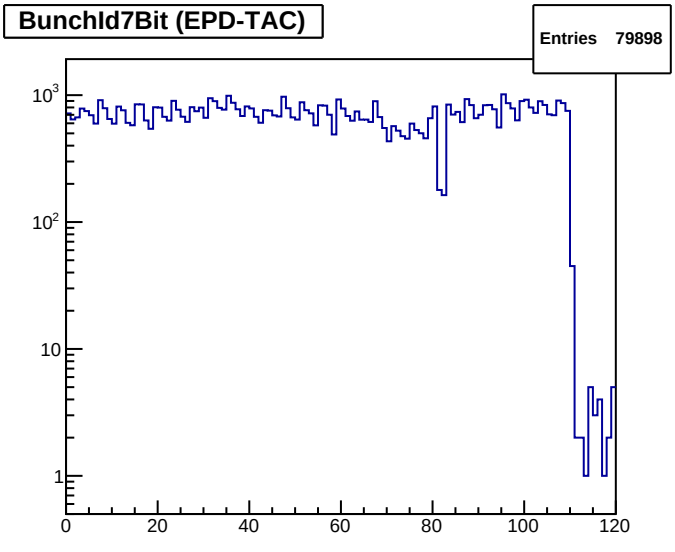
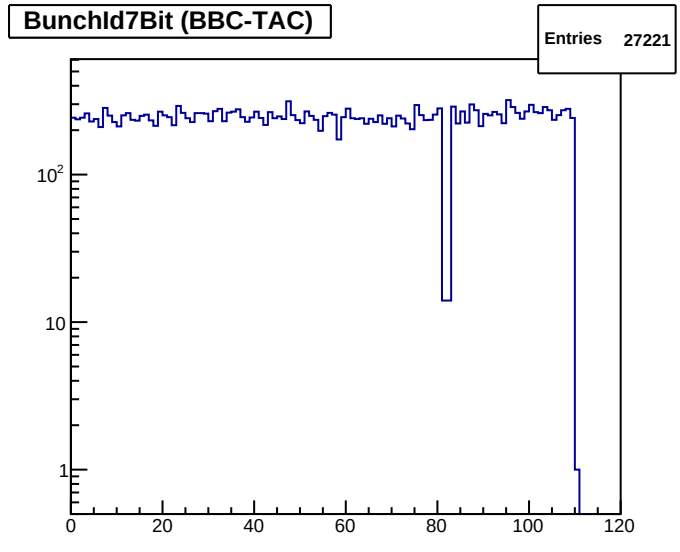
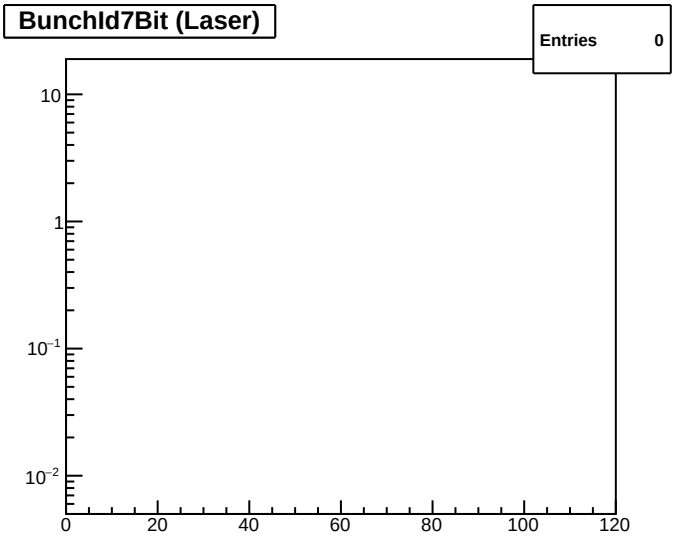
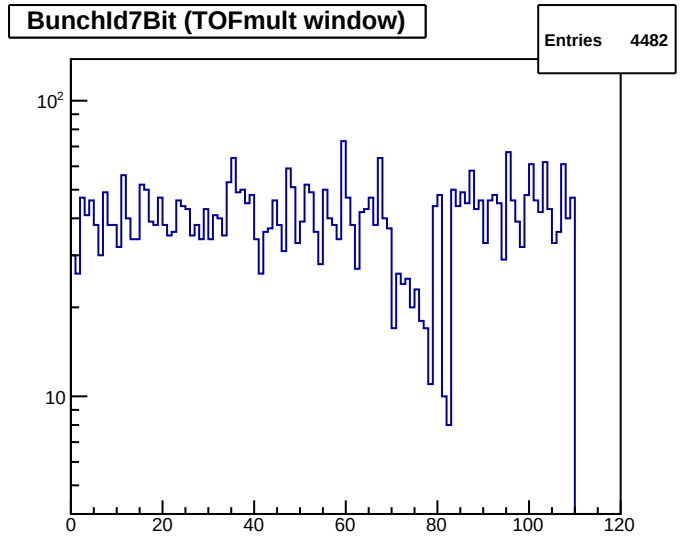

BunchId7Bit (VPD-TAC)
Entries 56386

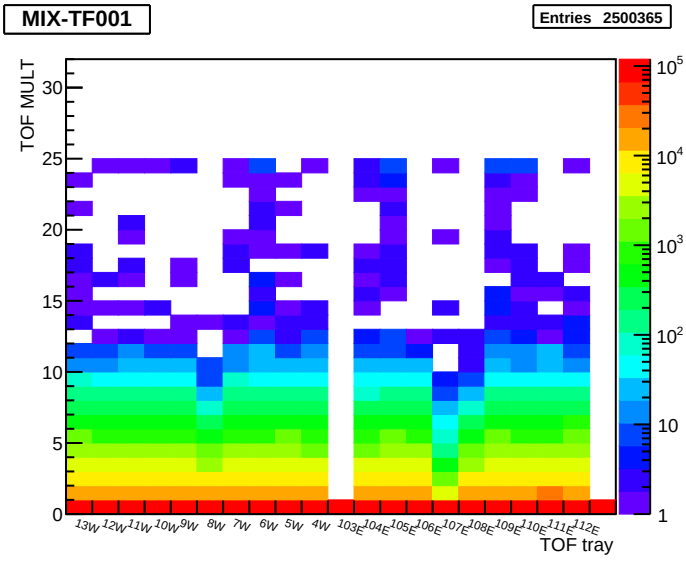

BunchId7Bit (ZDC-TAC)
Entries 172

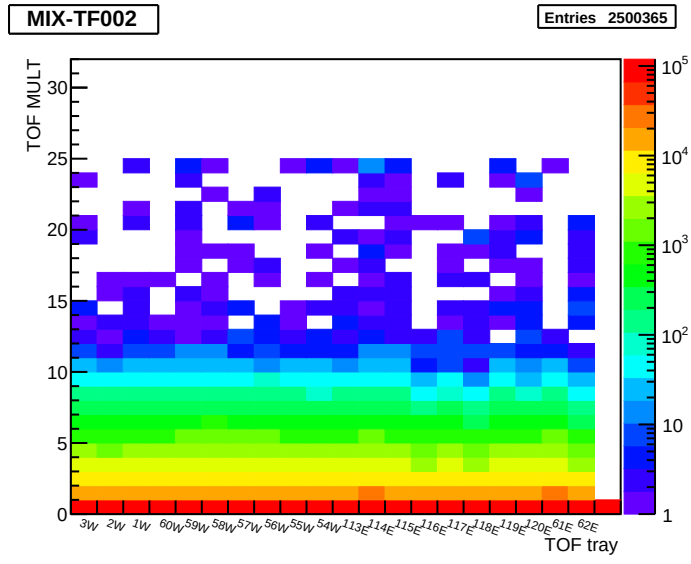

BunchId7Bit (EPD-TAC)
Entries 79898

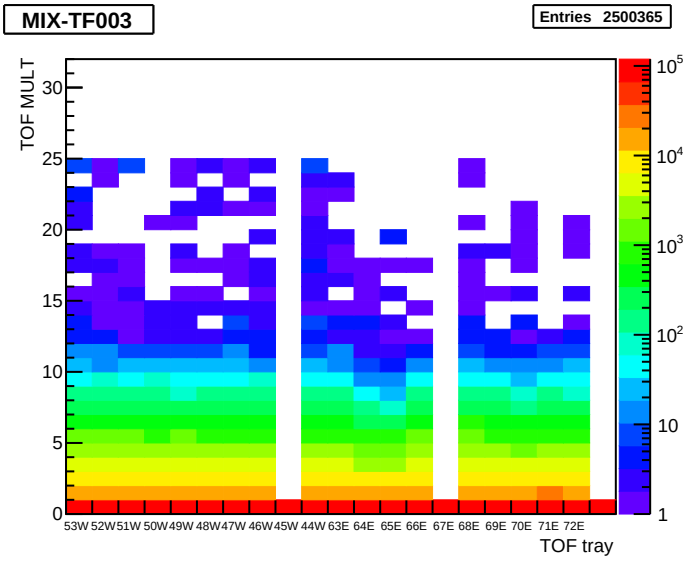

BunchId7Bit (BBC-TAC)
Entries 27221

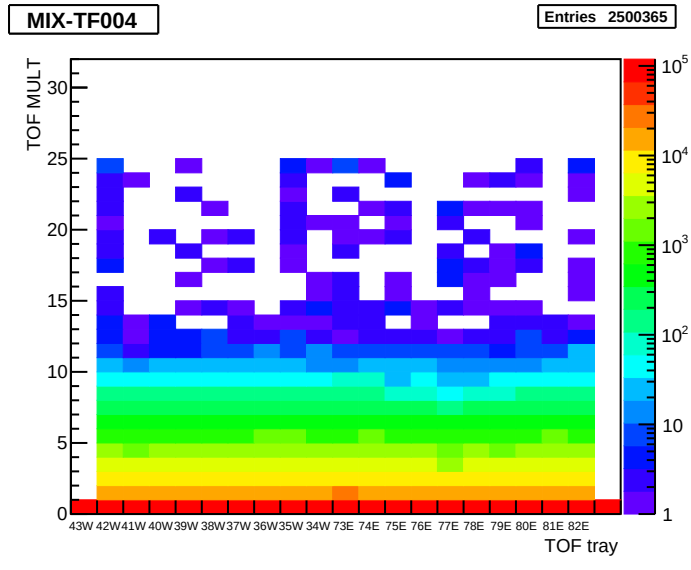

BunchId7Bit (Laser)
Entries 0

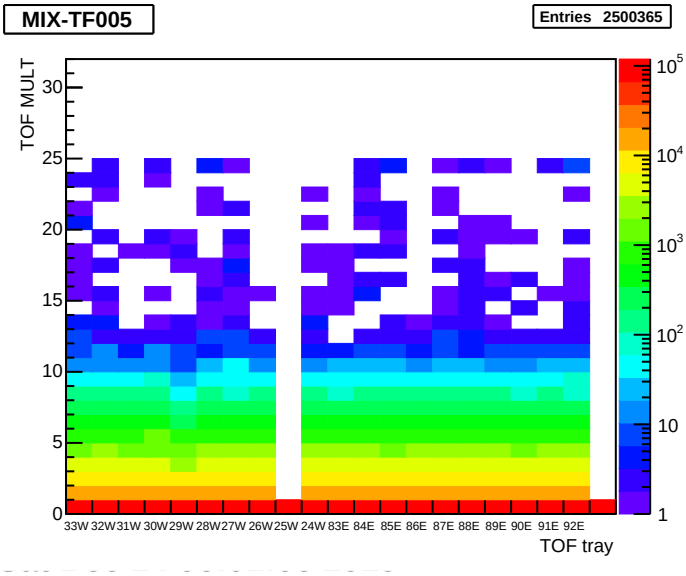

BunchId7Bit (TOFmult window)
Entries 4482

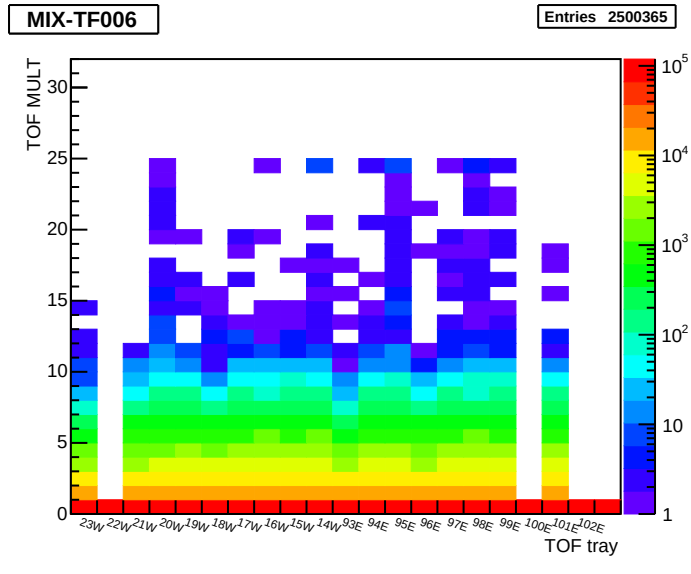

MIX-TF001
Entries 2500365
TOF MULT
TOF tray

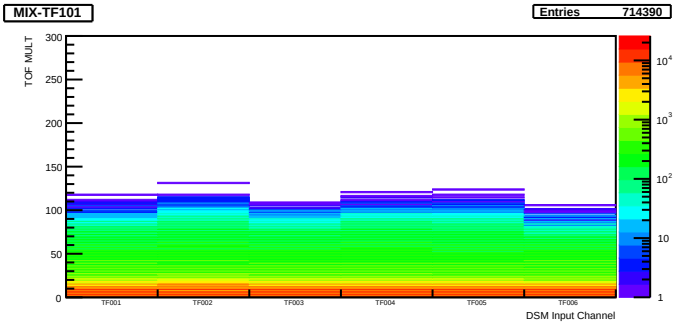

MIX-TF002
Entries 2500365
TOF MULT
TOF tray

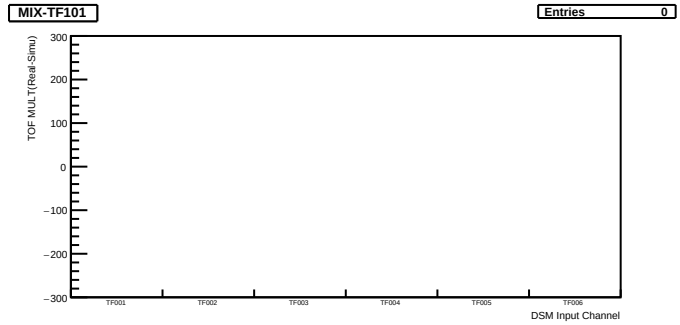

MIX-TF003
Entries 2500365
TOF MULT
TOF tray

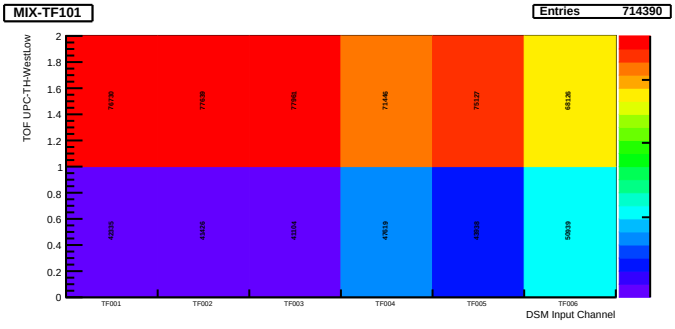

MIX-TF004
Entries 2500365
TOF MULT
TOF tray

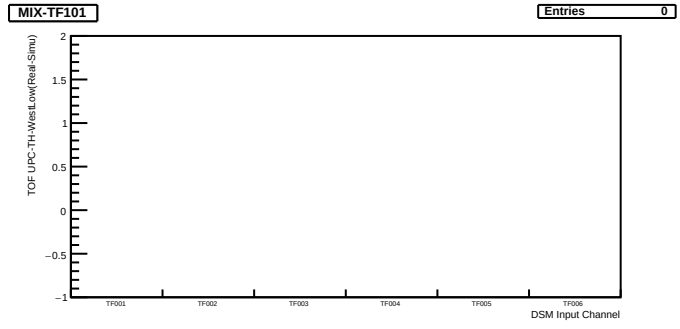

MIX-TF005
Entries 2500365
TOF MULT
TOF tray

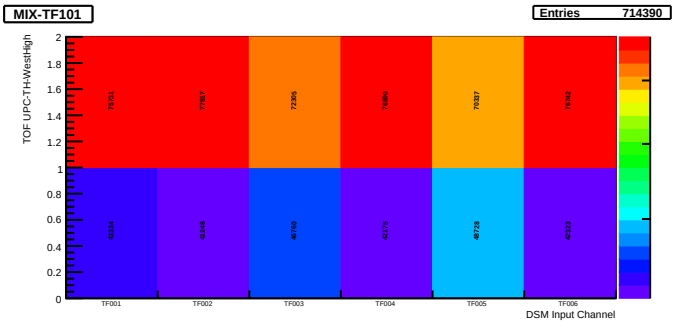

MIX-TF006
Entries 2500365
TOF MULT
TOF tray

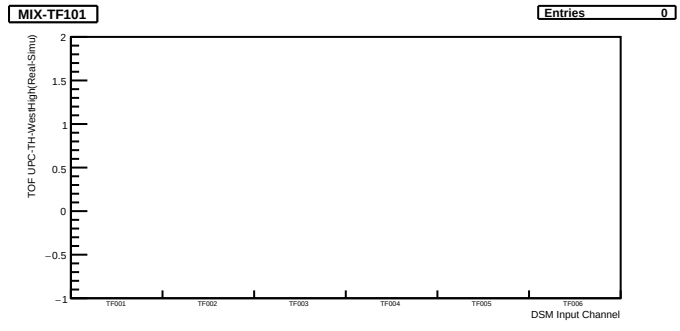

MIX-TF101
Entries 714390
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

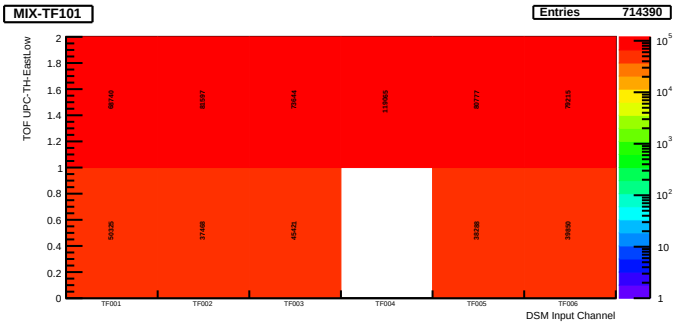

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

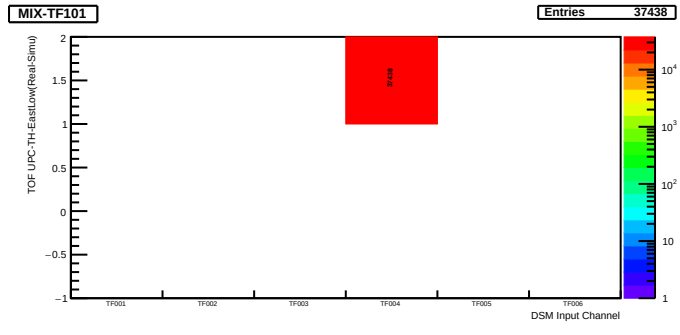

MIX-TF101
Entries 714390
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

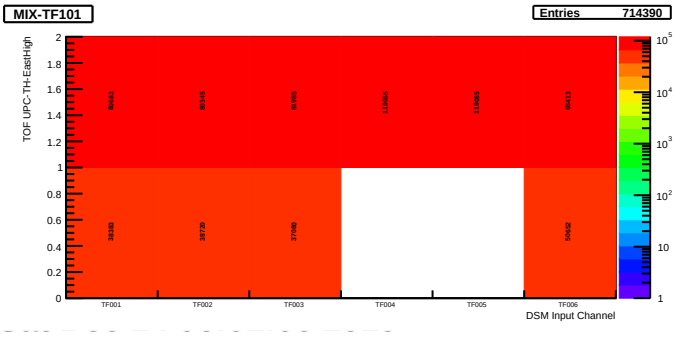

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

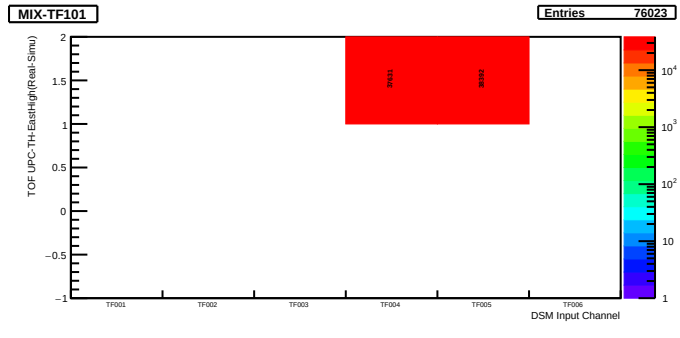

MIX-TF101
Entries 714390
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

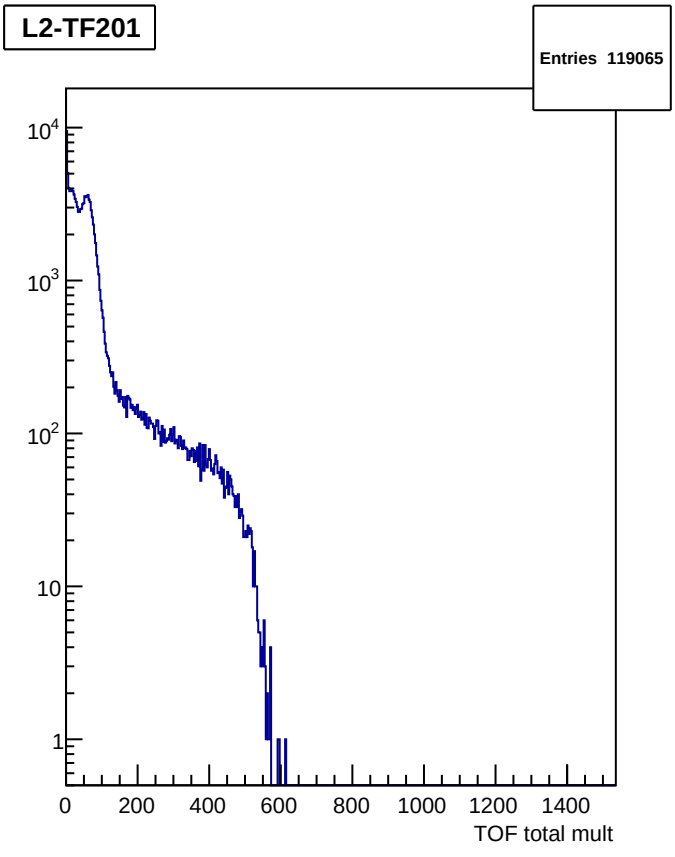

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

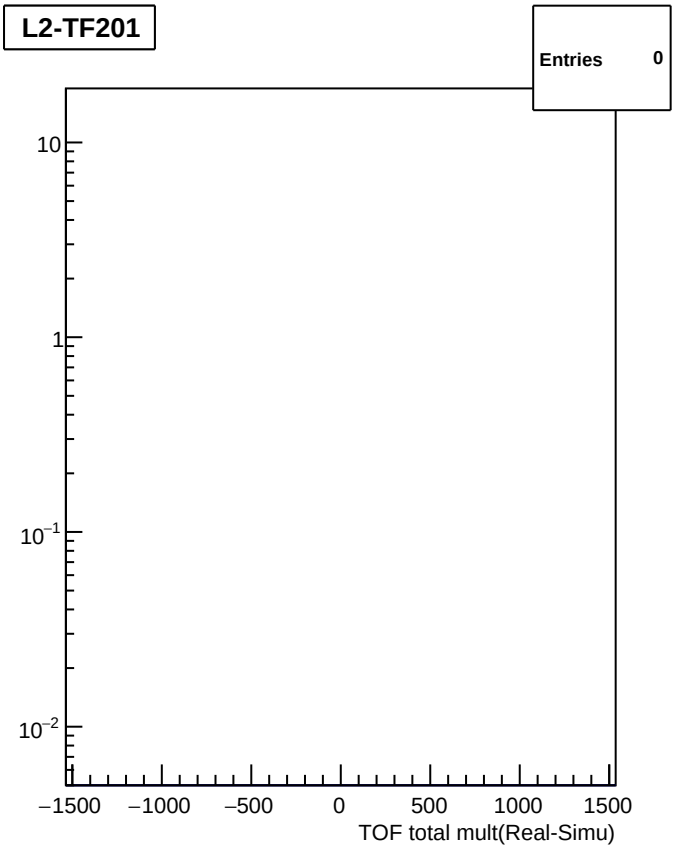

MIX-TF101
Entries 714390
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

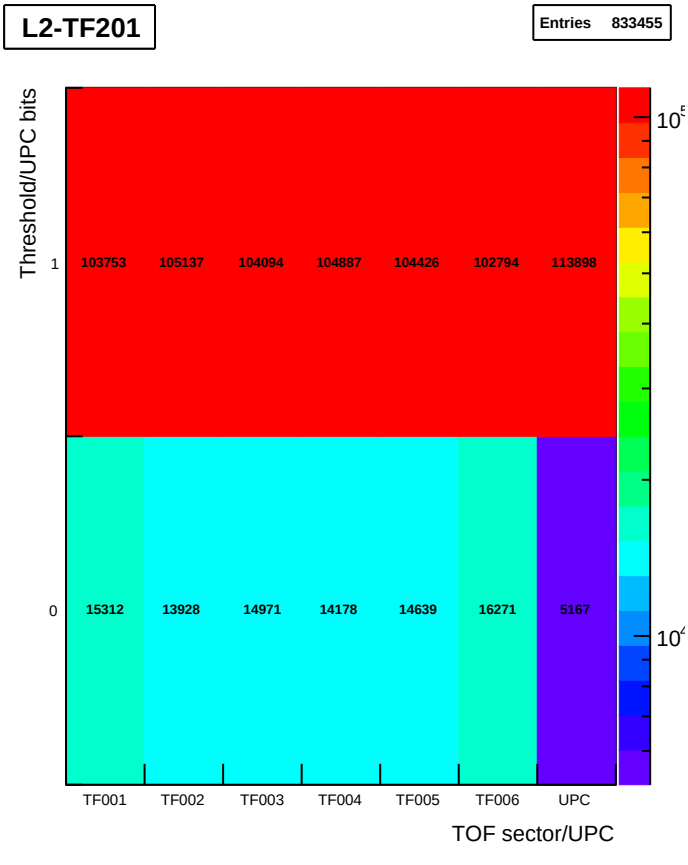

MIX-TF101
Entries 37438
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

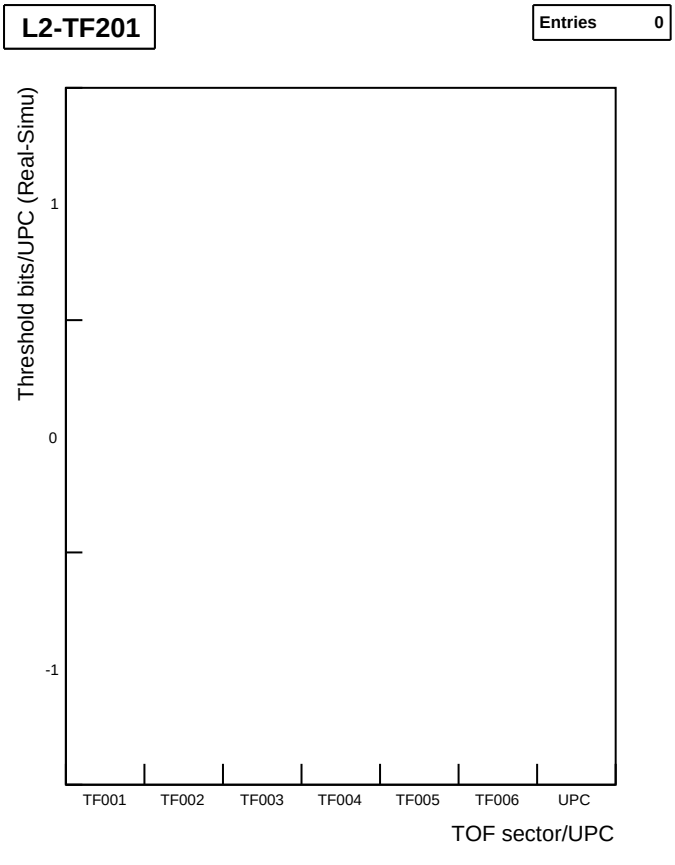

MIX-TF101
Entries 714390
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

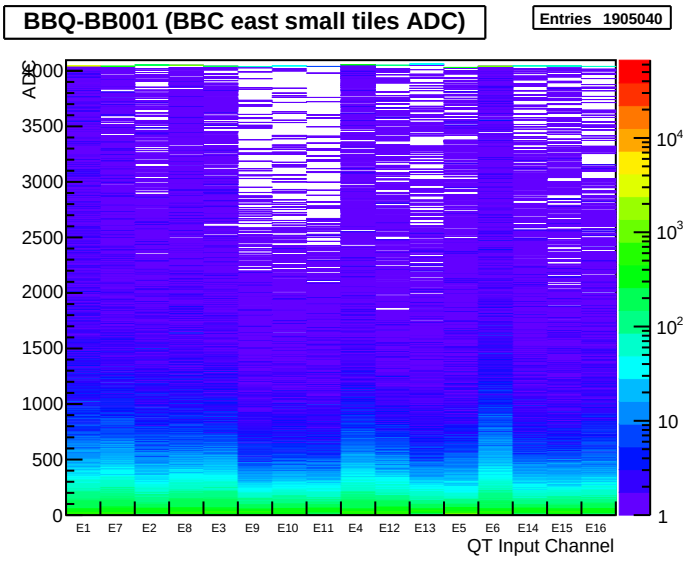

MIX-TF101
Entries 76023
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

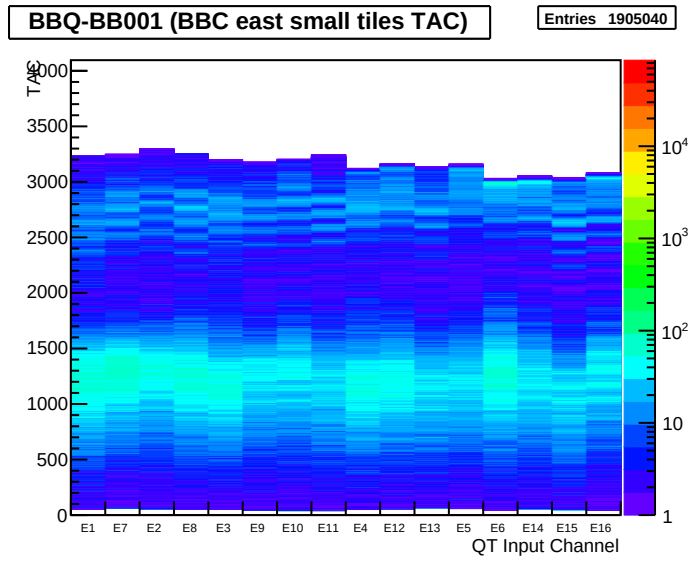

L2-TF201
Entries 119065
TOF total mult

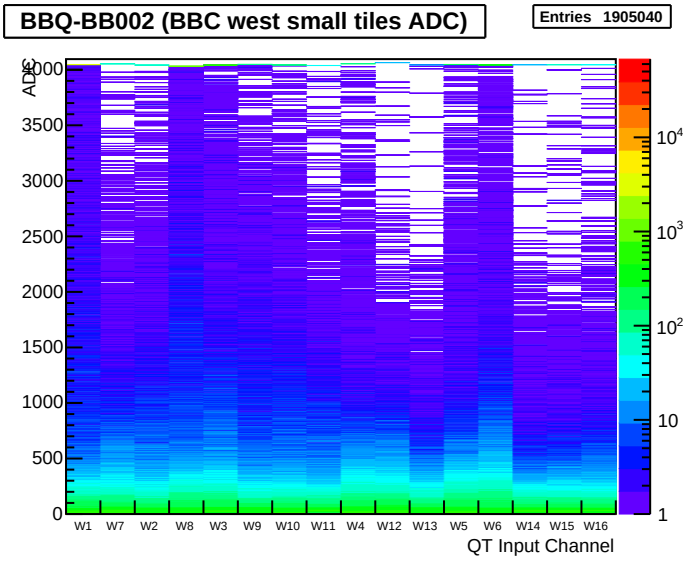

L2-TF201
Entries 0
TOF total mult(Real-Simu)

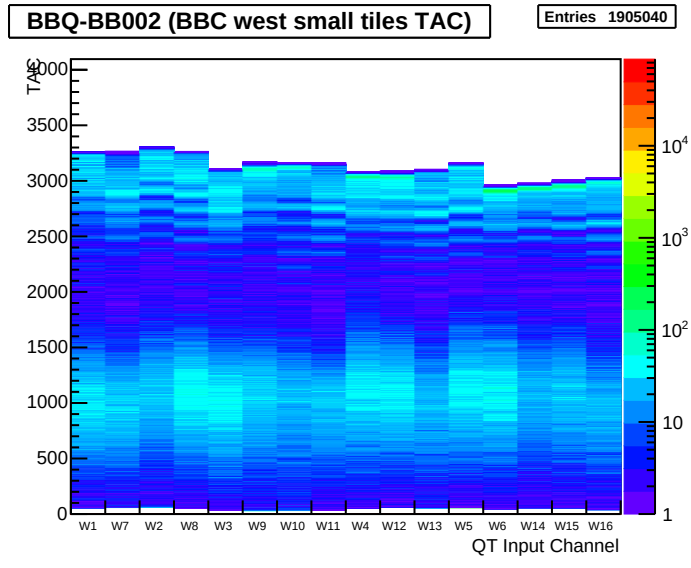

L2-TF201
Entries 833455
Threshold/UPC bits
103753
105137
104094
104887
104426
102794
113898
15312
13928
14971
14178
14639
16271
5167
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

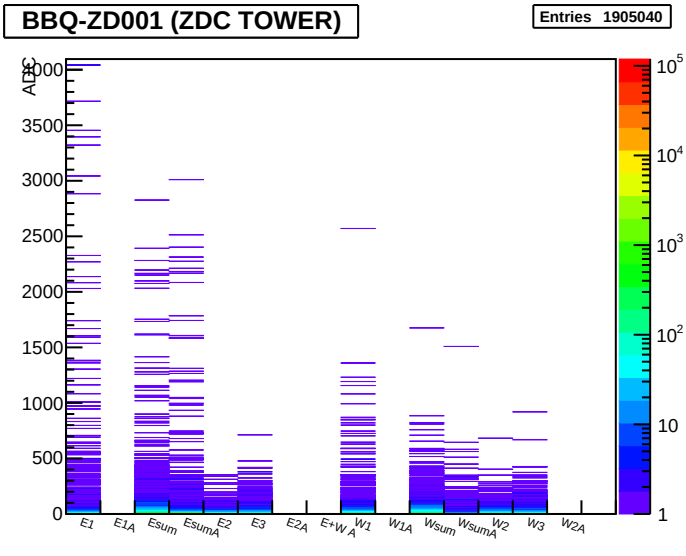

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

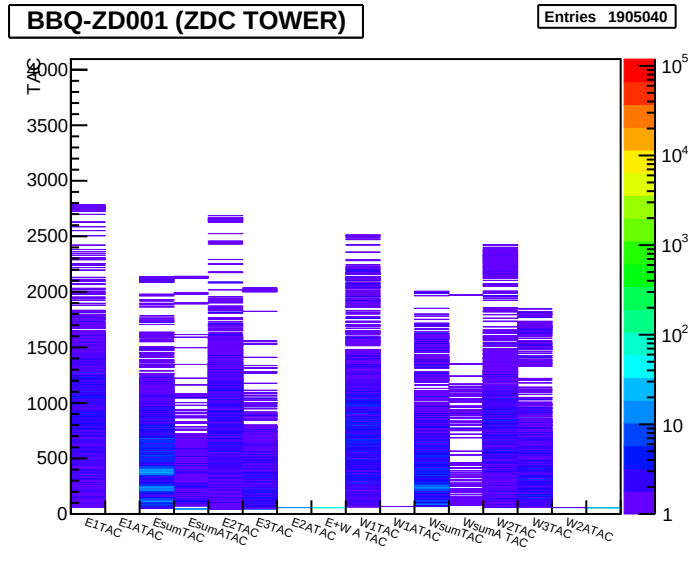

BBQ-BB001 (BBC east small tiles ADC)
Entries 1905040
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

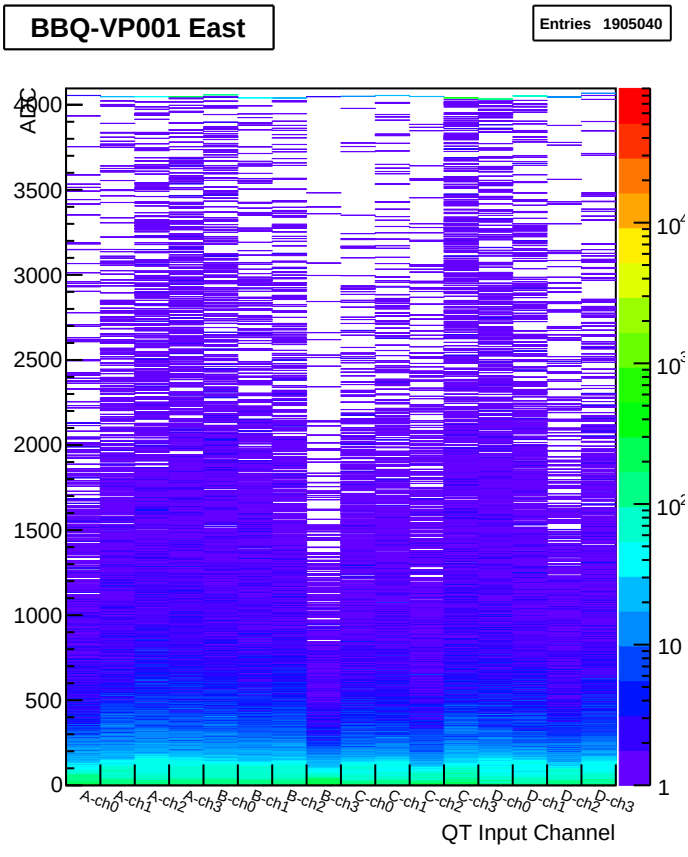

BBQ-BB001 (BBC east small tiles TAC)
Entries 1905040
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

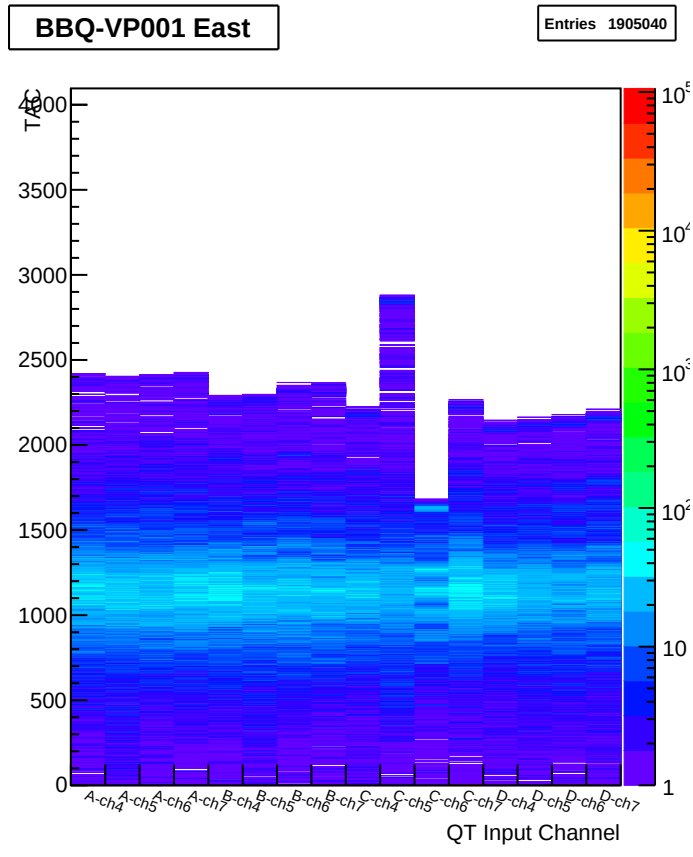

BBQ-BB002 (BBC west small tiles ADC)
Entries 1905040
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

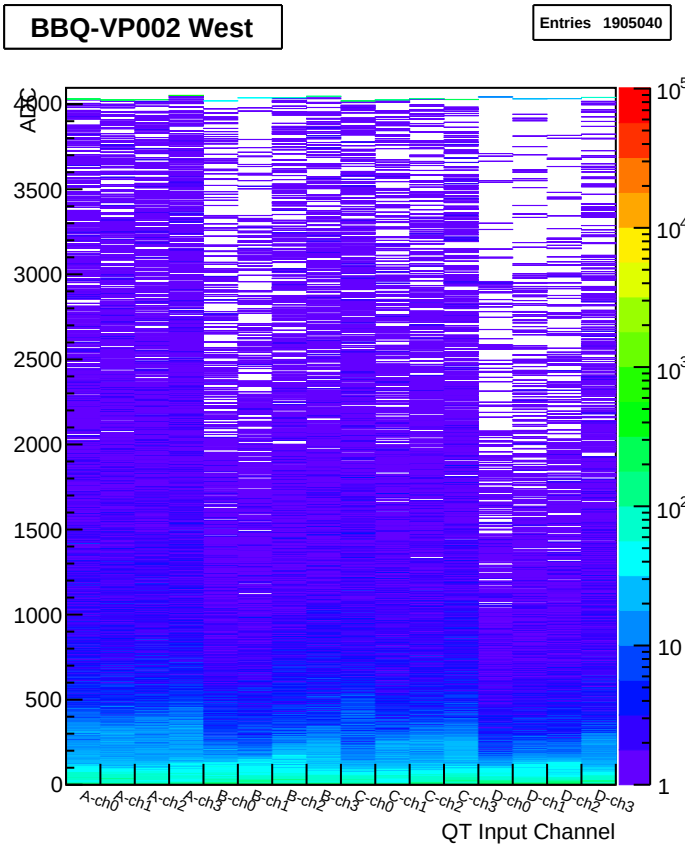

BBQ-BB002 (BBC west small tiles TAC)
Entries 1905040
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

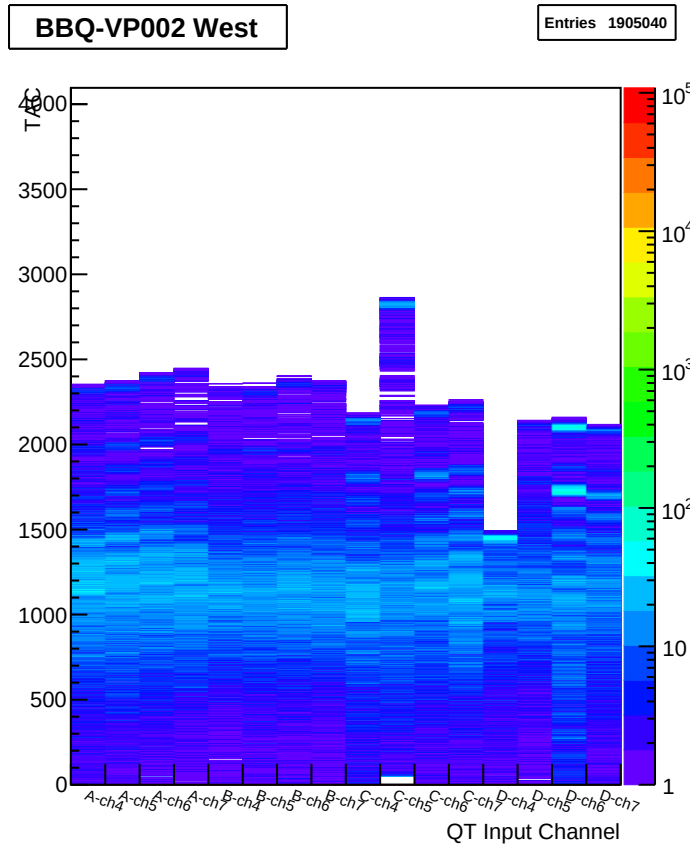

BBQ-ZD001 (ZDC TOWER)
Entries 1905040
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

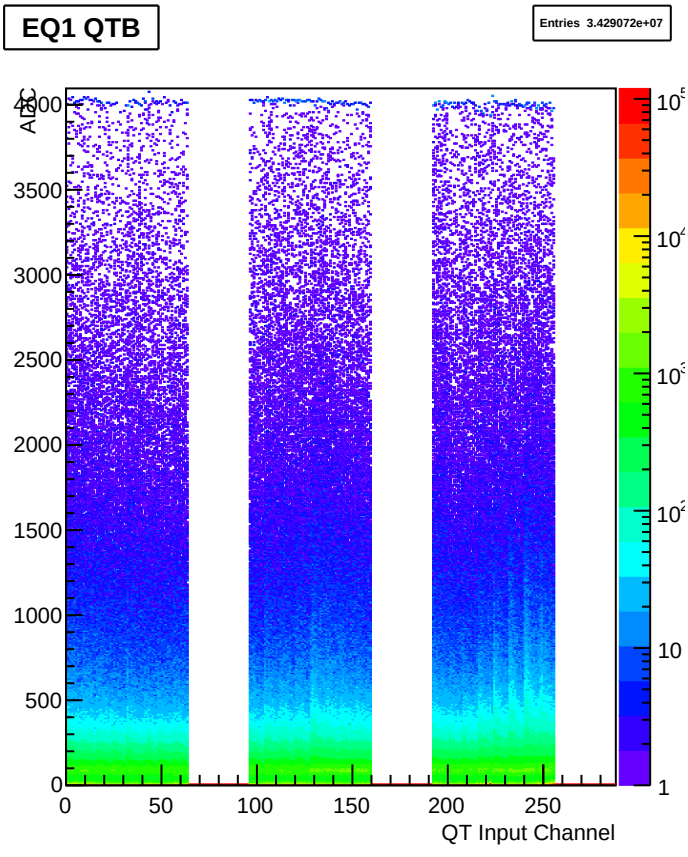

BBQ-ZD001 (ZDC TOWER)
Entries 1905040
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

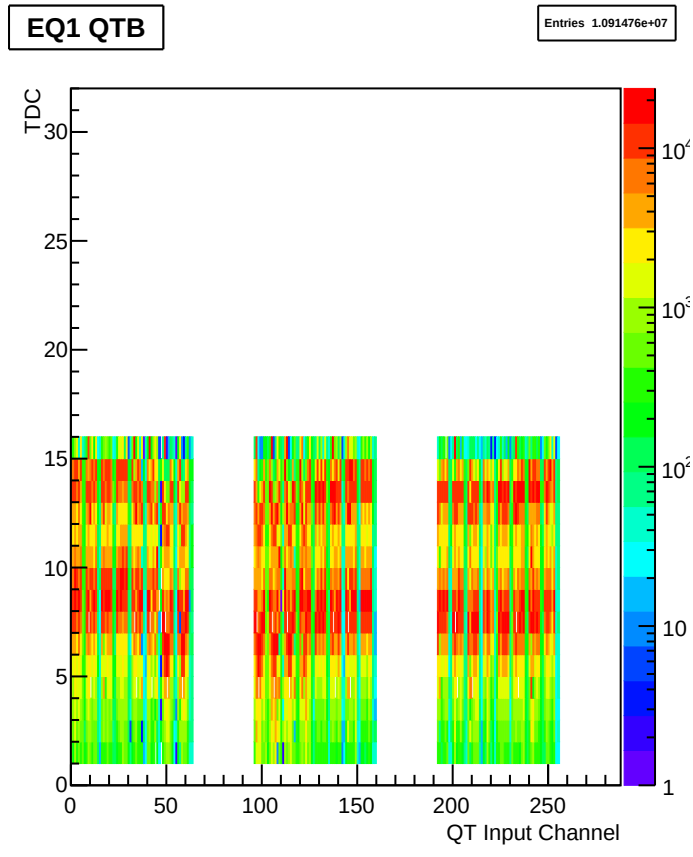

BBQ-VP001 East
Entries 1905040
ADC
QT Input Channel

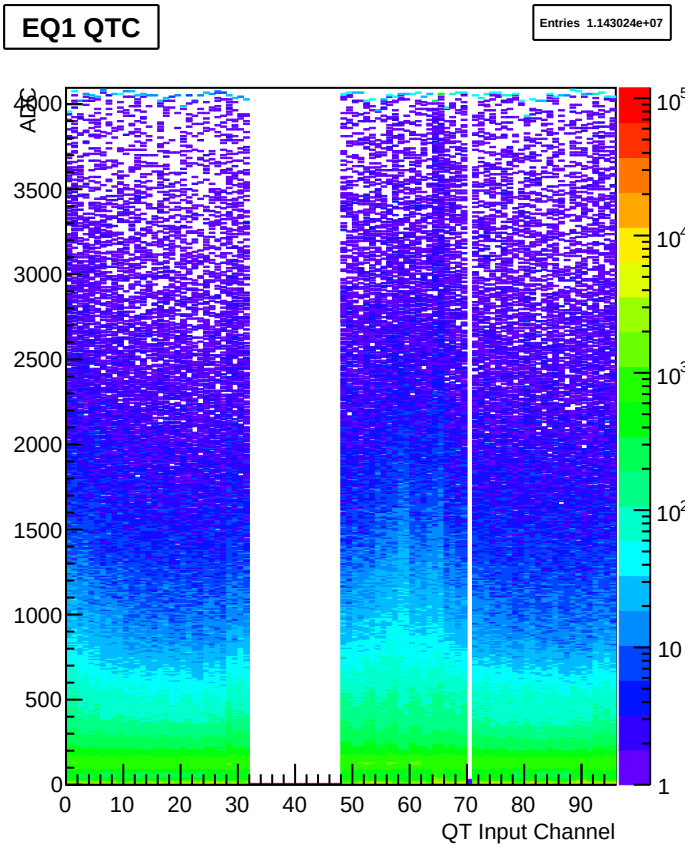

BBQ-VP001 East
Entries 1905040
TADC
QT Input Channel

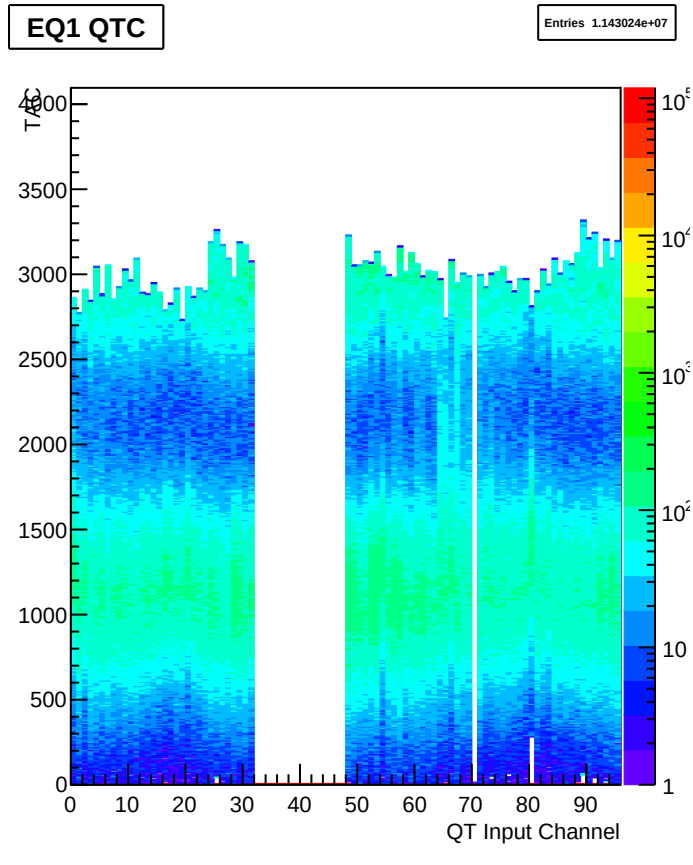

BBQ-VP002 West
Entries 1905040
ADC
QT Input Channel

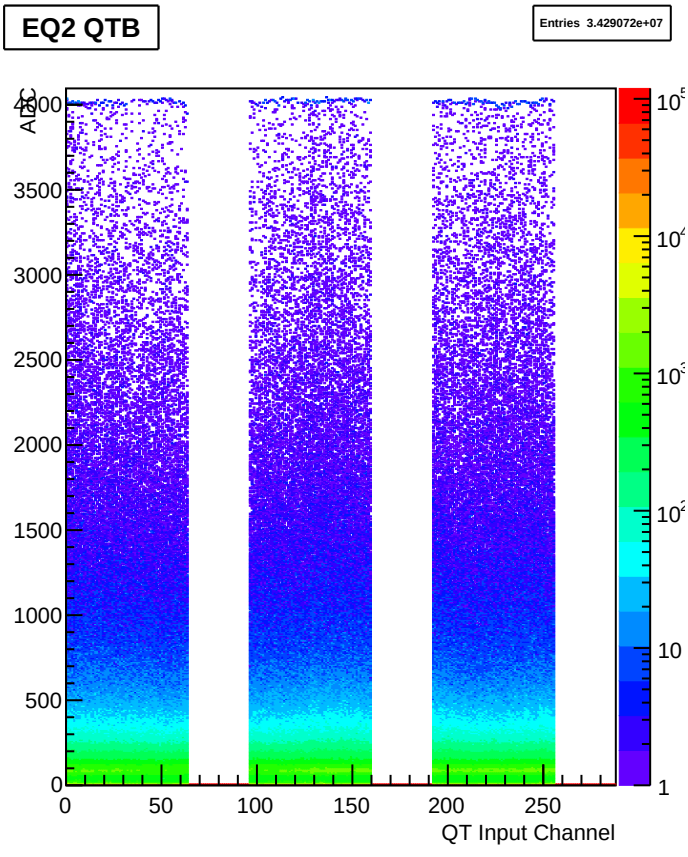

BBQ-VP002 West
Entries 1905040
TADC
QT Input Channel

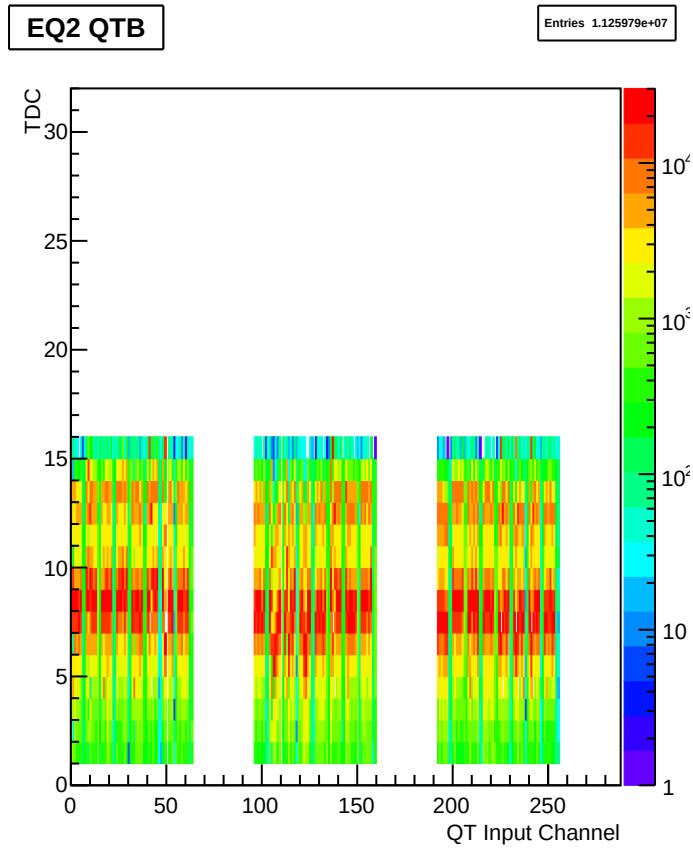

EQ1 QTB
Entries 3.429072e+07
ADC
QT Input Channel

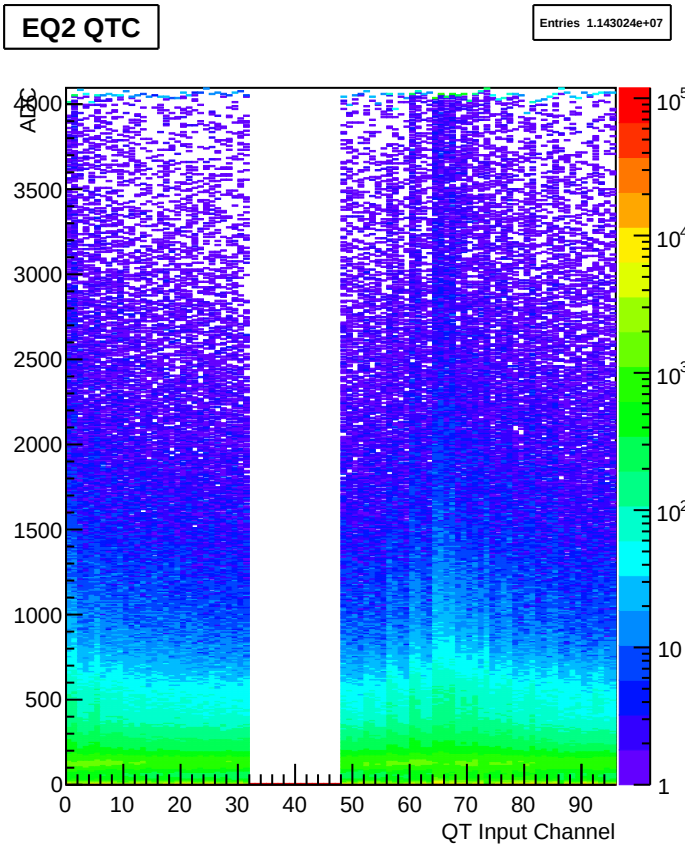

EQ1 QTB
Entries 1.091476e+07
TDC
QT Input Channel

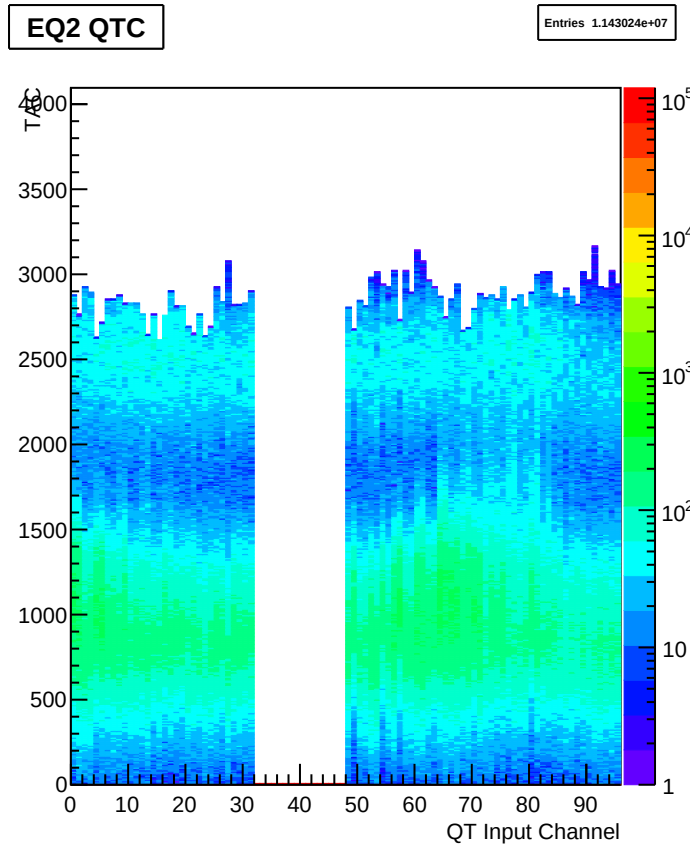

EQ1 QTC
Entries 1.143024e+07
ADC
QT Input Channel

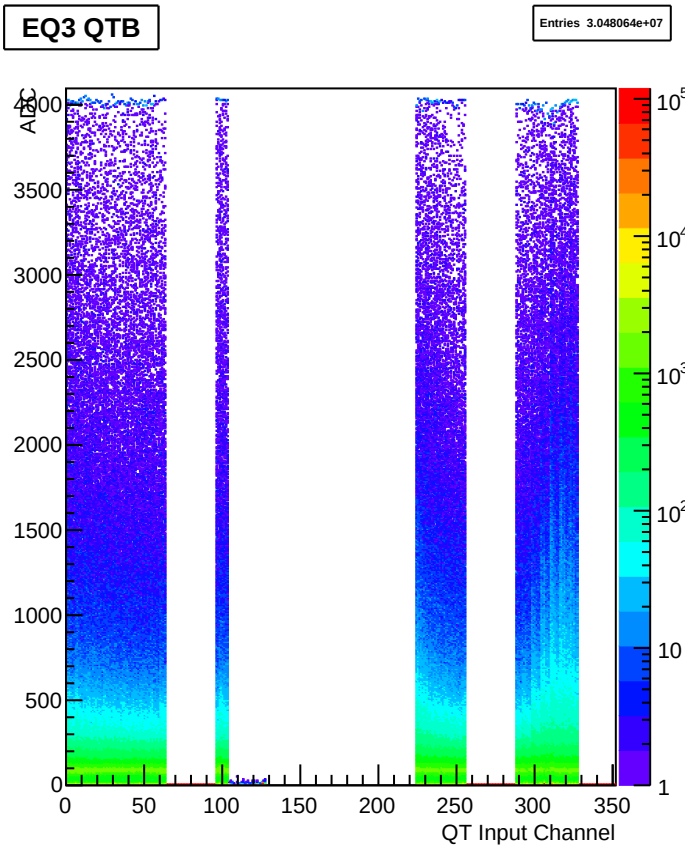

EQ1 QTC
Entries 1.143024e+07
TADC
QT Input Channel

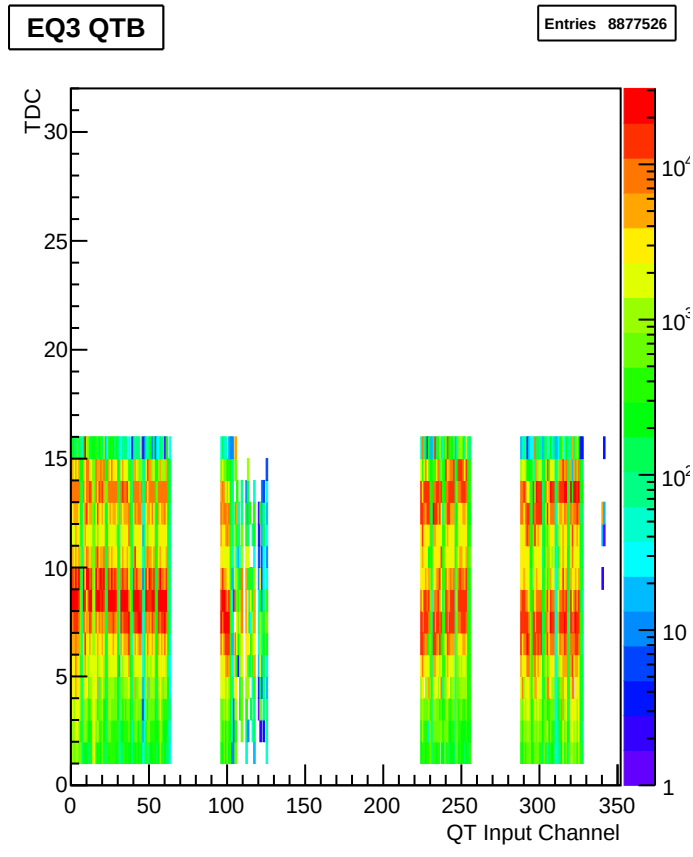

EQ2 QTB
Entries 3.429072e+07
ADC
QT Input Channel

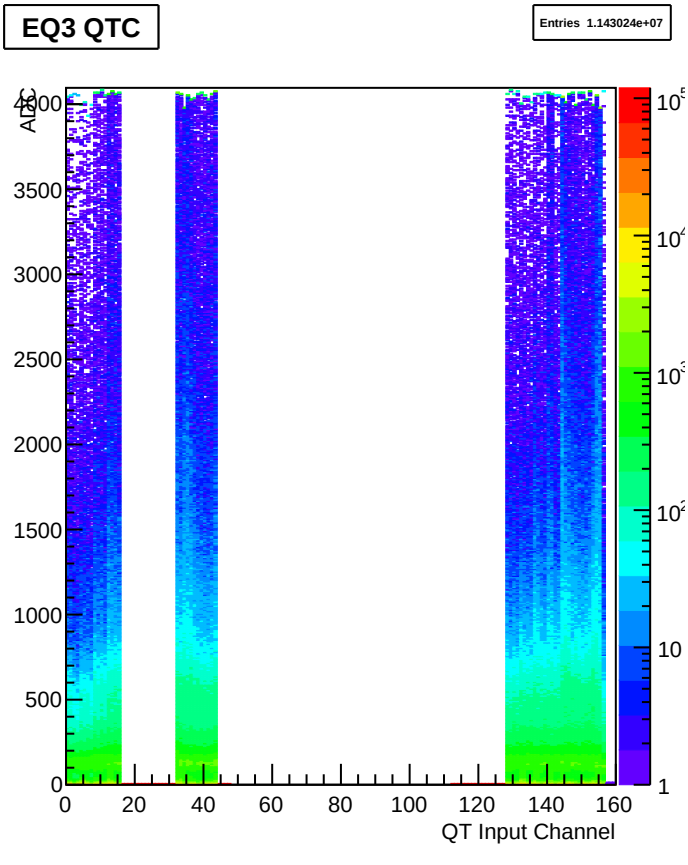

EQ2 QTB
Entries 1.125979e+07
TDC
QT Input Channel

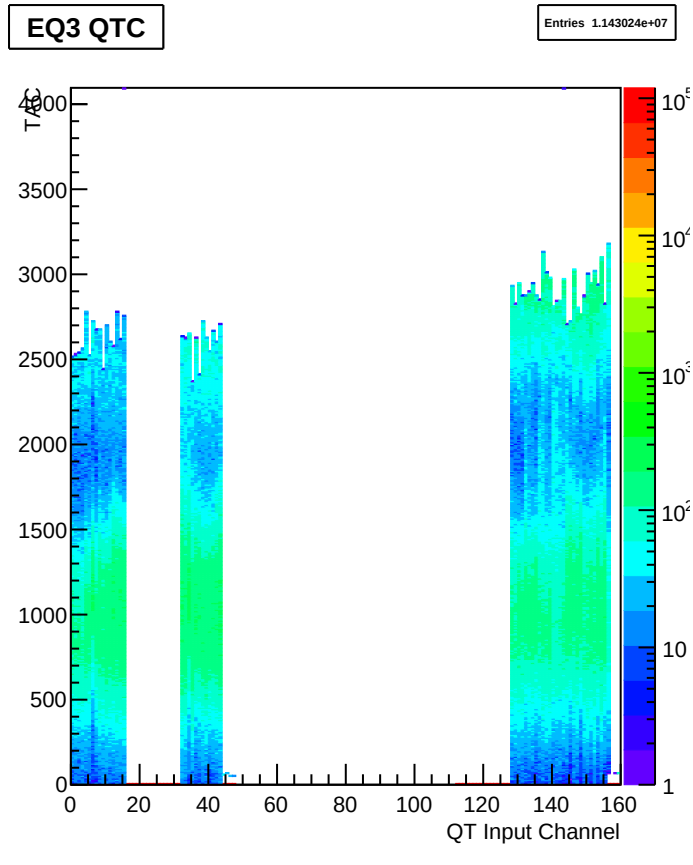

EQ2 QTC
Entries 1.143024e+07
ADC
QT Input Channel

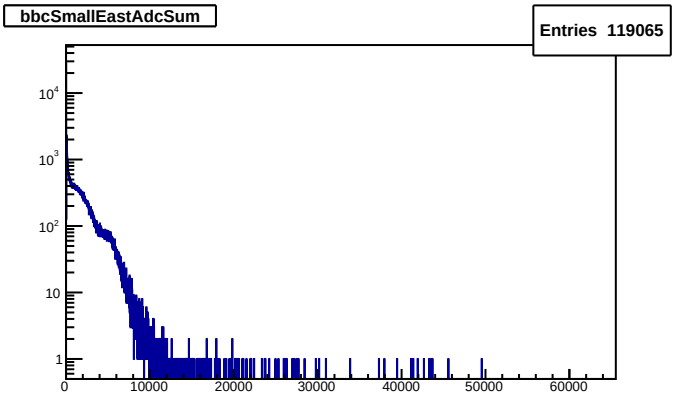

EQ2 QTC
Entries 1.143024e+07
TADC
QT Input Channel

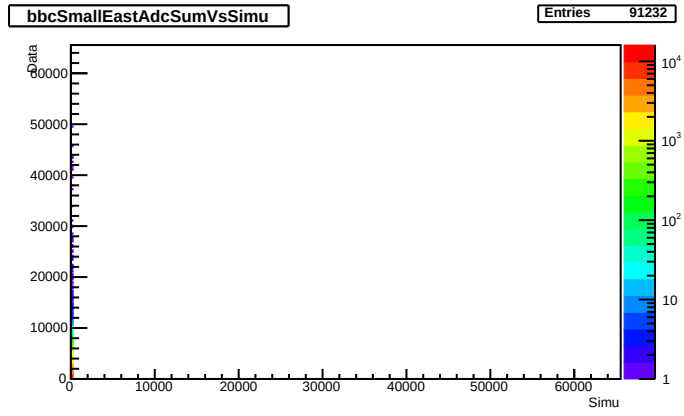

EQ3 QTB
Entries 3.048064e+07
ADC
QT Input Channel

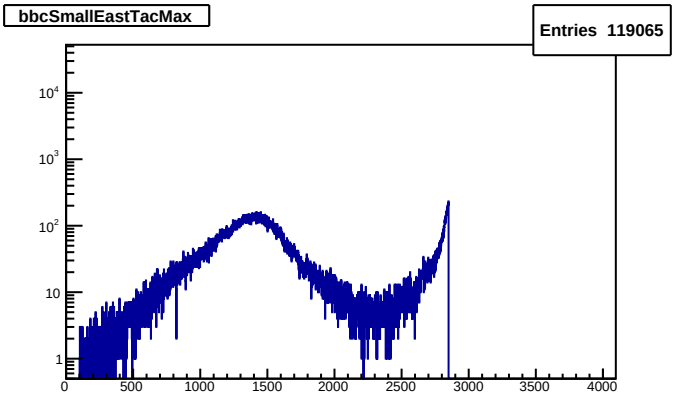

EQ3 QTB
Entries 8877526
TDC
QT Input Channel

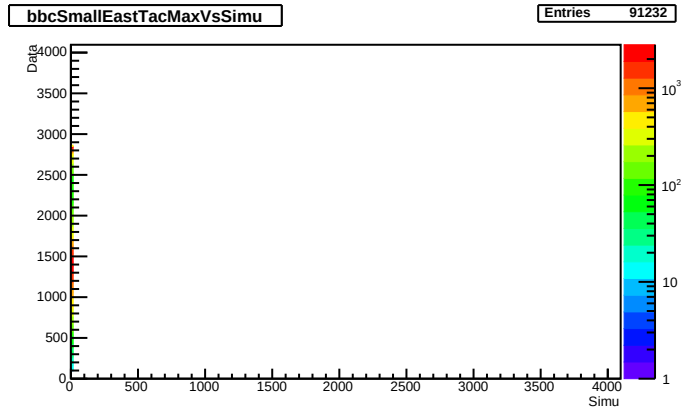

EQ3 QTC
Entries 1.143024e+07
ADC
QT Input Channel

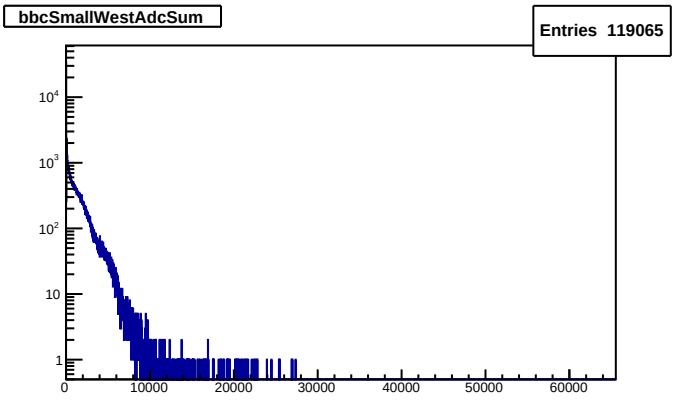

EQ3 QTC
Entries 1.143024e+07
TADC
QT Input Channel

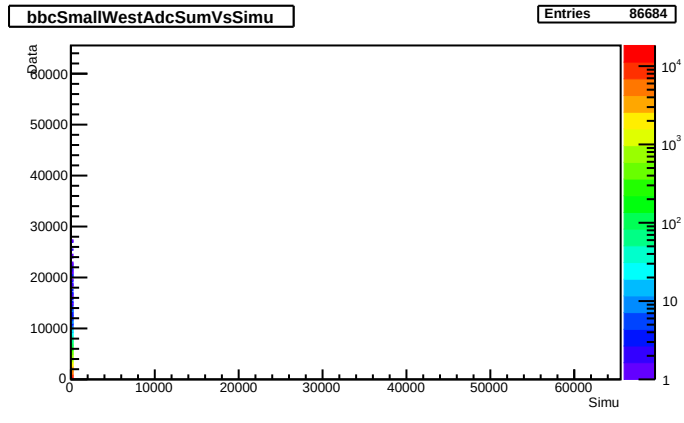

bbcSmallEastAdcSum
Entries 119065

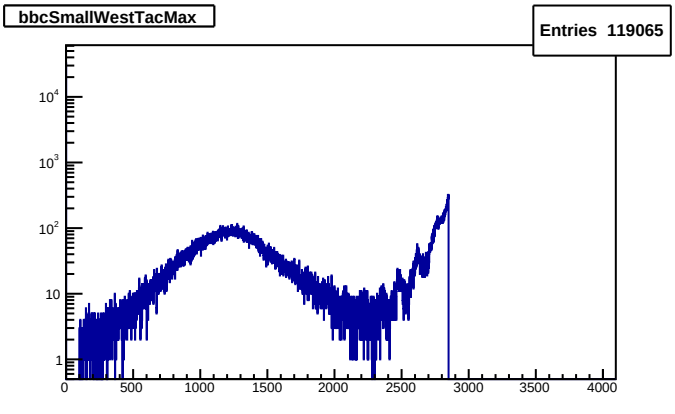

bbcSmallEastAdcSumVsSimu
Entries 91232
Data
Simu

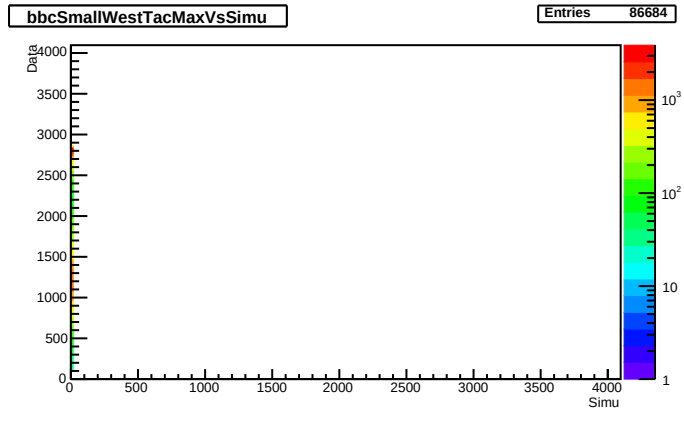

bbcSmallEastTacMax
Entries 119065

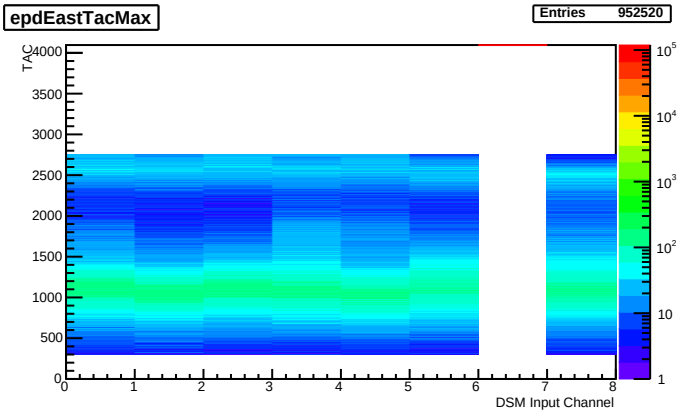

bbcSmallEastTacMaxVsSimu
Entries 91232
Data
Simu

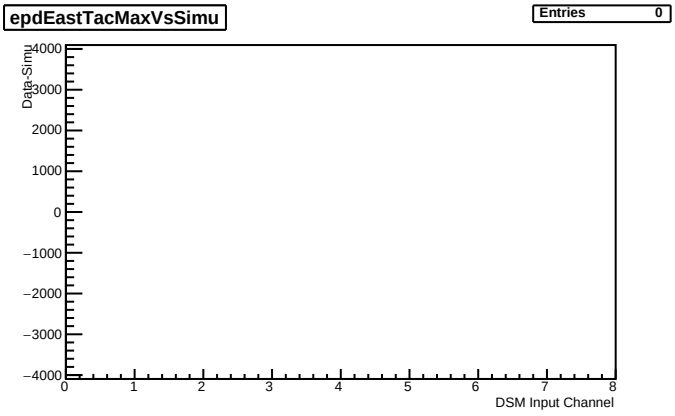

bbcSmallWestAdcSum
Entries 119065

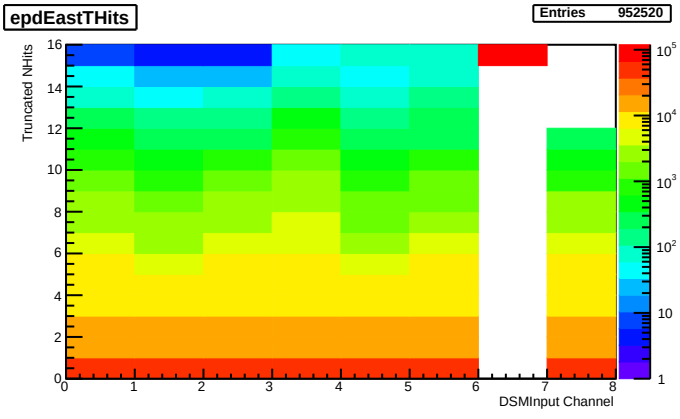

bbcSmallWestAdcSumVsSimu
Entries 86684
Data
Simu

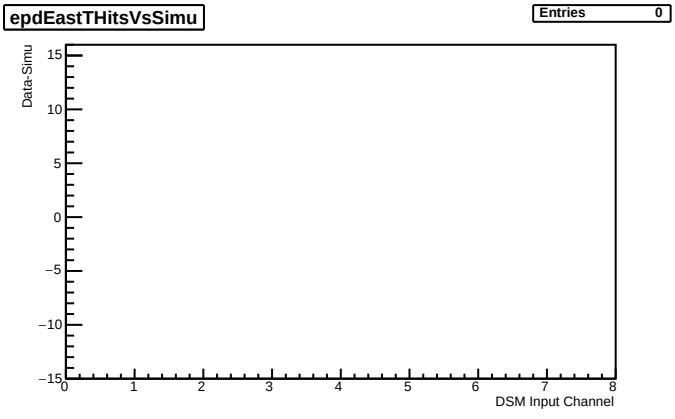

bbcSmallWestTacMax
Entries 119065

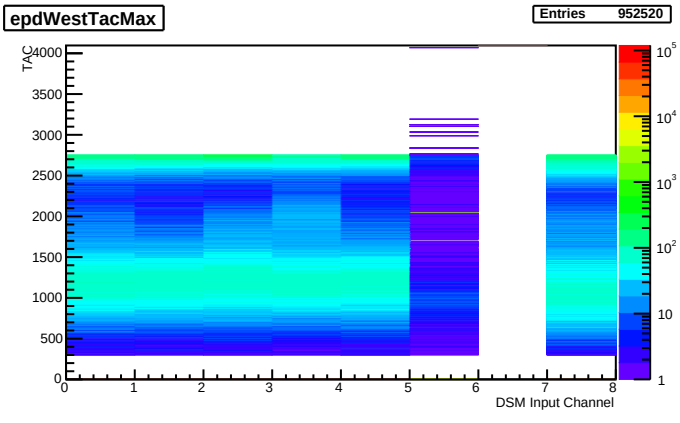

bbcSmallWestTacMaxVsSimu
Entries 86684
Data
Simu

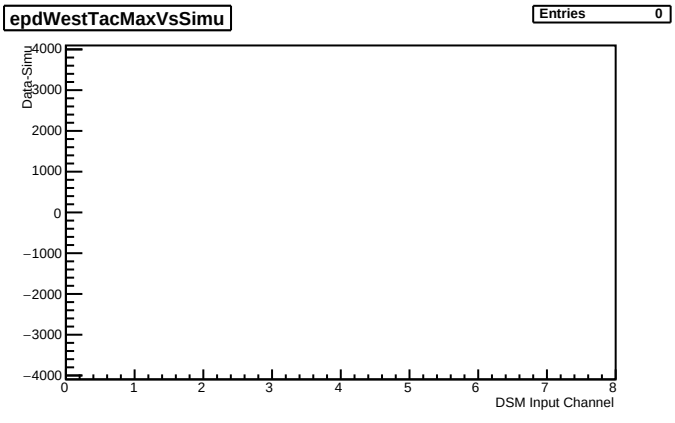

epdEastTacMax
Entries 952520
TAC
DSM Input Channel

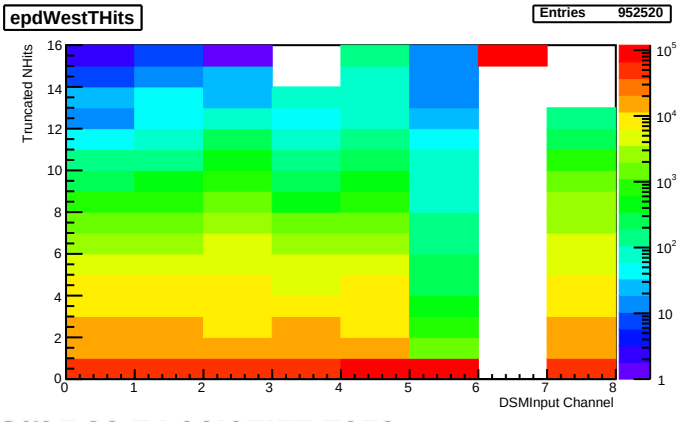

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

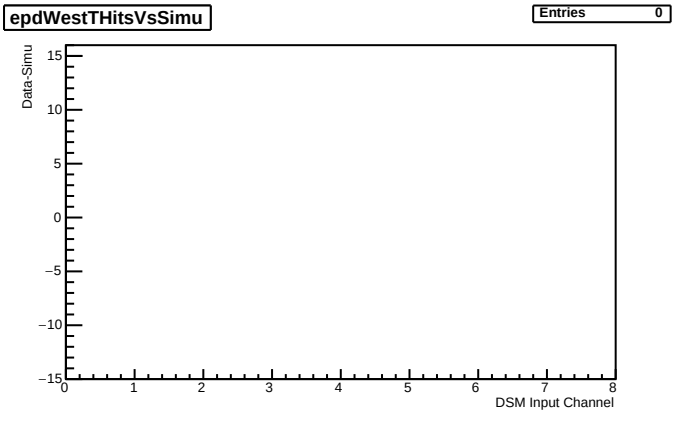

epdEastTHits
Entries 952520
Truncated NHits
DSMInput Channel

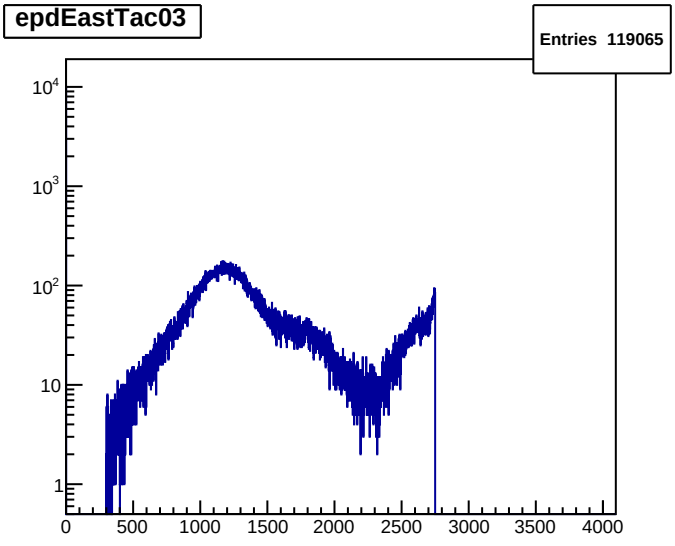

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

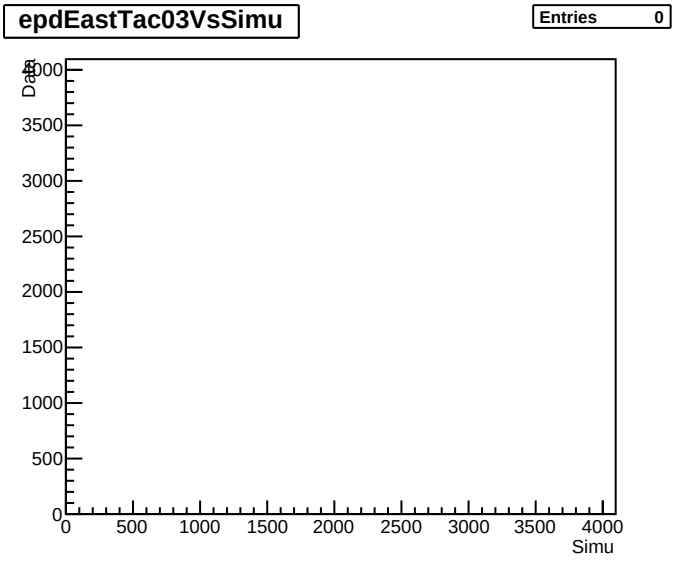

epdWestTacMax
Entries 952520
TAC
DSM Input Channel

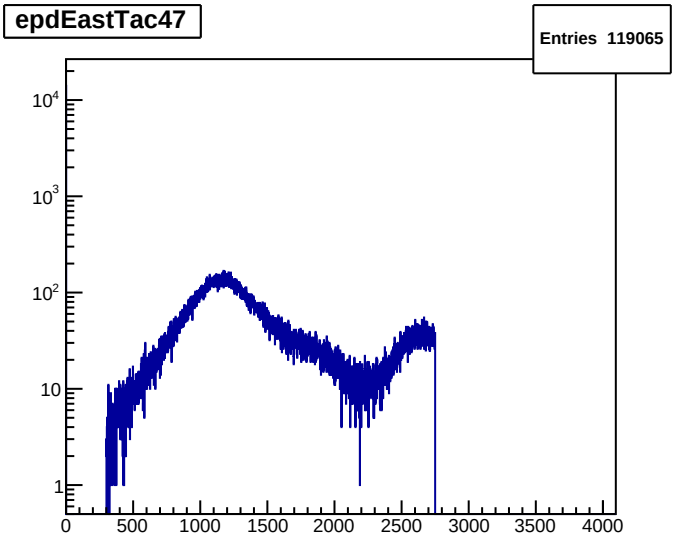

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

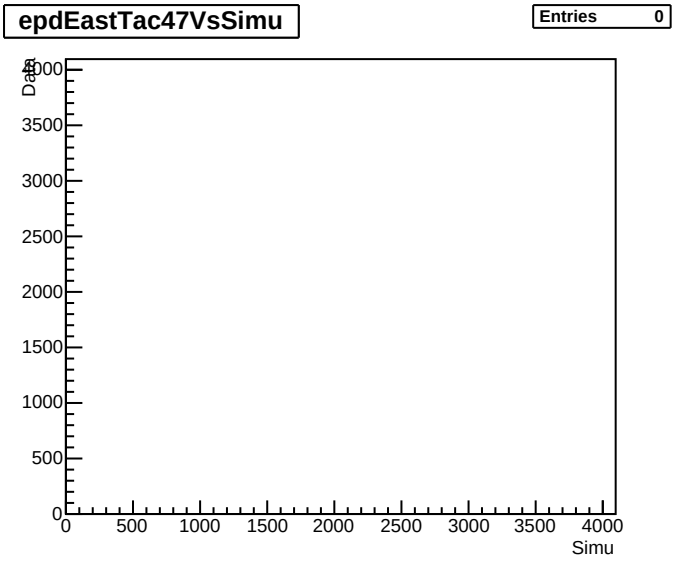

epdWestTHits
Entries 952520
Truncated NHits
DSMInput Channel

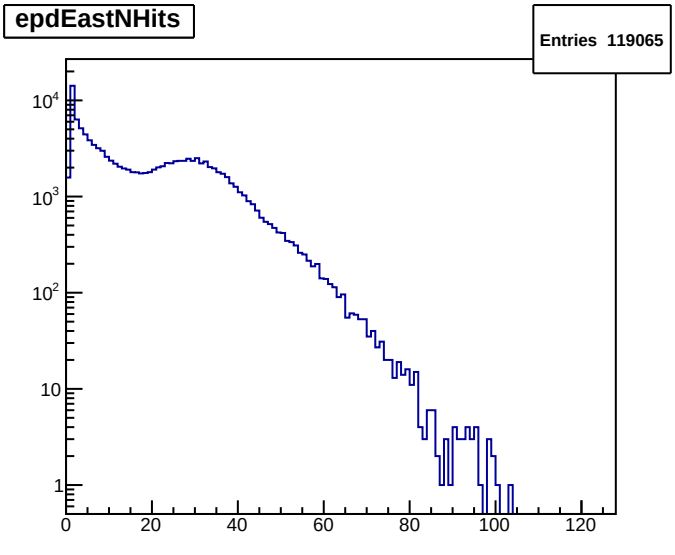

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

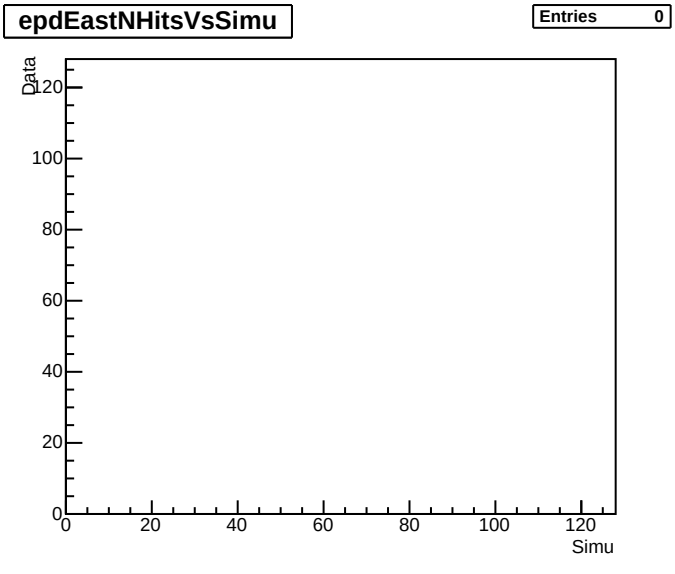

epdEastTac03
Entries 119065

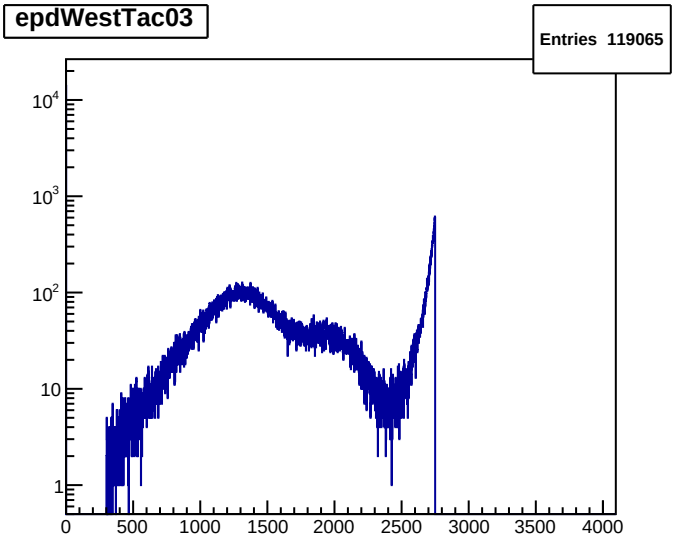

epdEastTac03VsSimu
Entries 0
Data
Simu

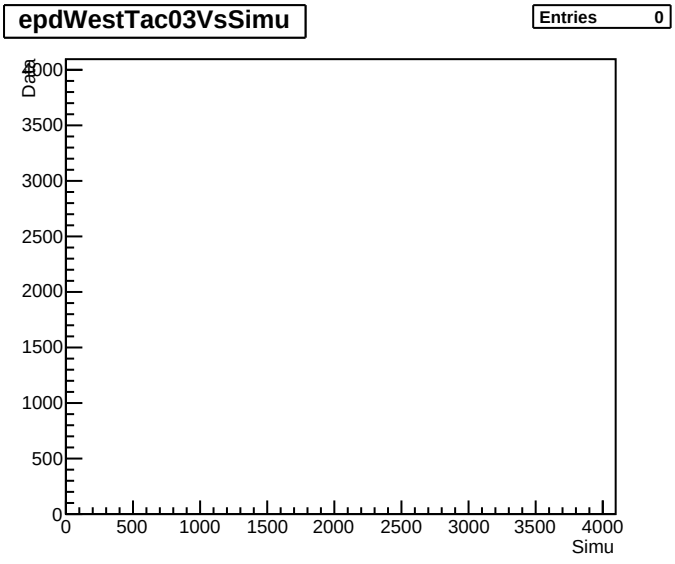

epdEastTac47
Entries 119065

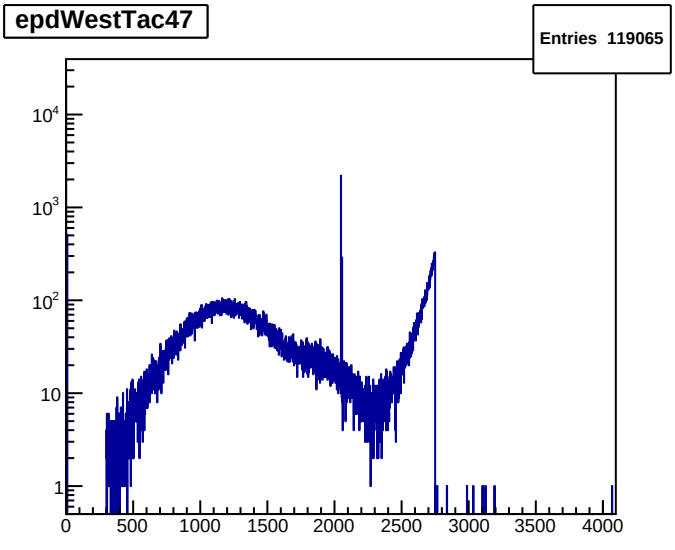

epdEastTac47VsSimu
Entries 0
Data
Simu

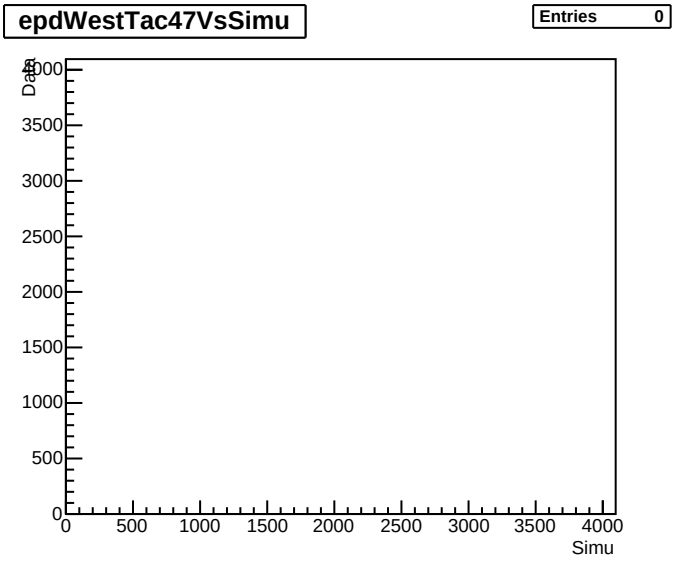

epdEastNHits
Entries 119065

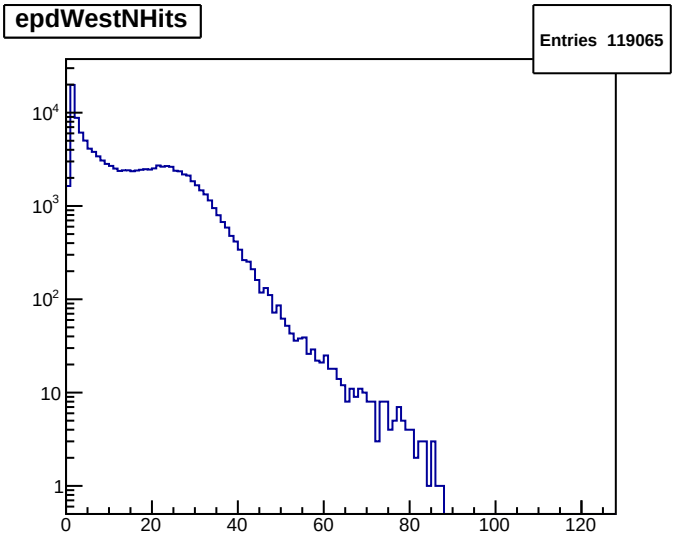

epdEastNHitsVsSimu
Entries 0
Data
Simu

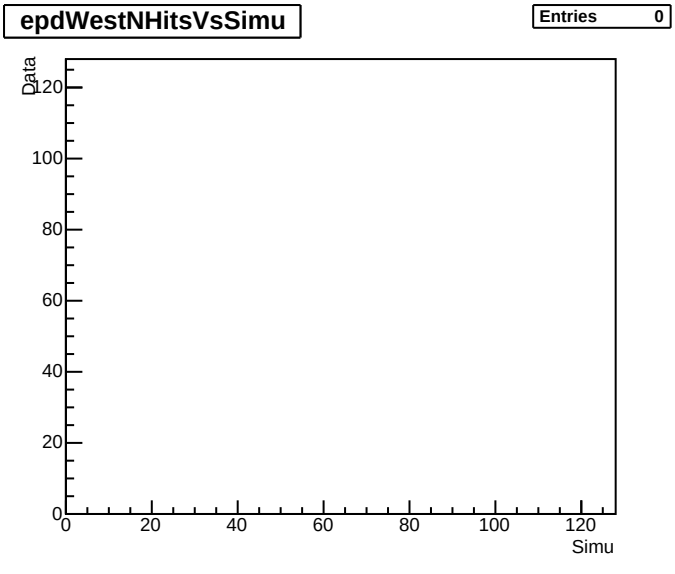

epdWestTac03
Entries 119065

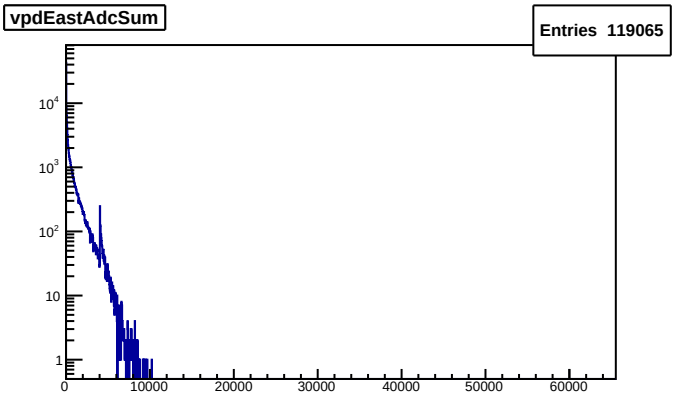

epdWestTac03VsSimu
Entries 0
Data
Simu

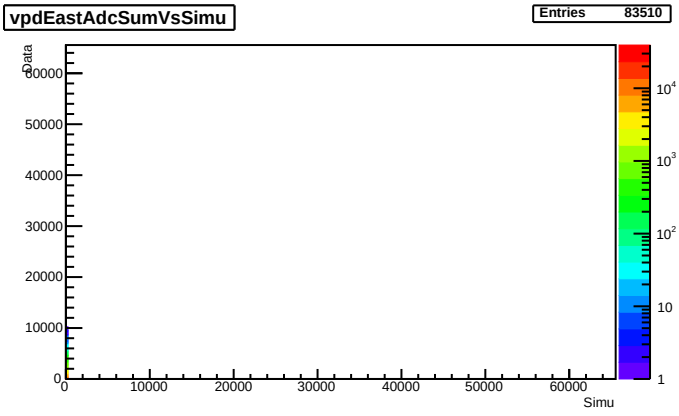

epdWestTac47
Entries 119065

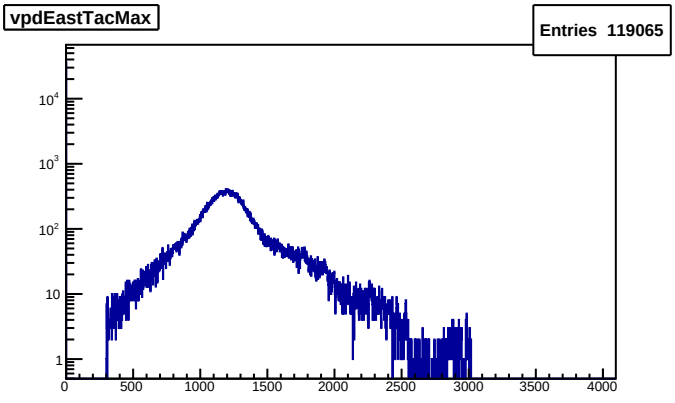

epdWestTac47VsSimu
Entries 0
Data
Simu

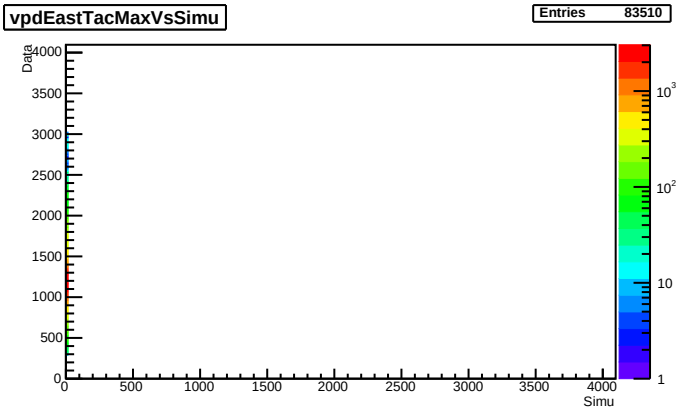

epdWestNHits
Entries 119065

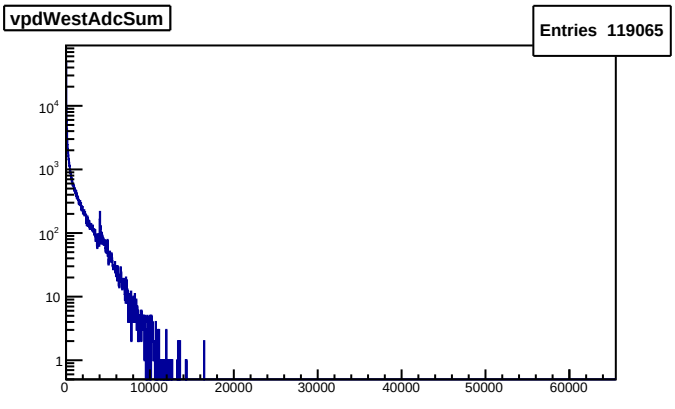

epdWestNHitsVsSimu
Entries 0
Data
Simu

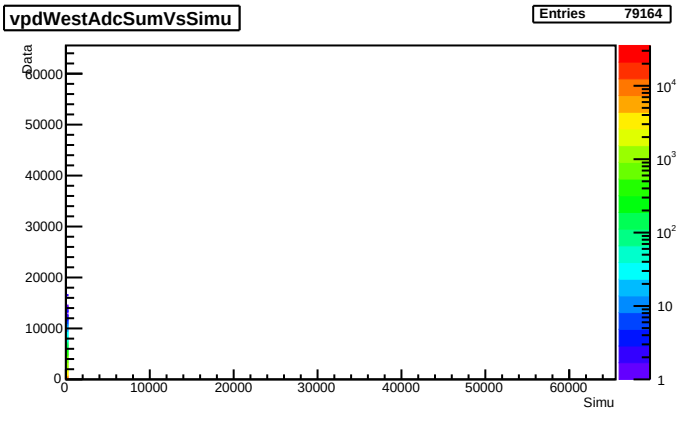

vpdEastAdcSum
Entries 119065

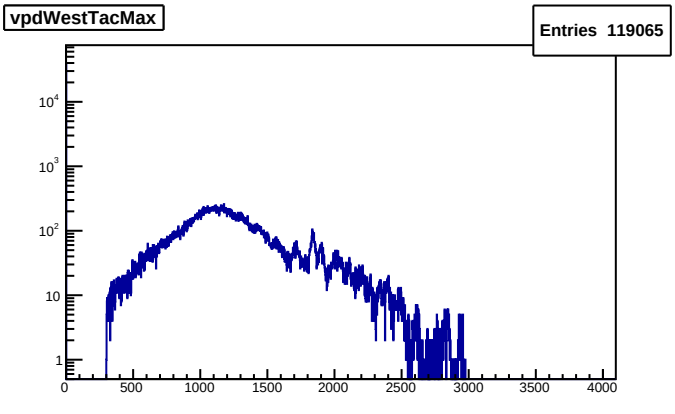

vpdEastAdcSumVsSimu
Entries 83510
Data
Simu

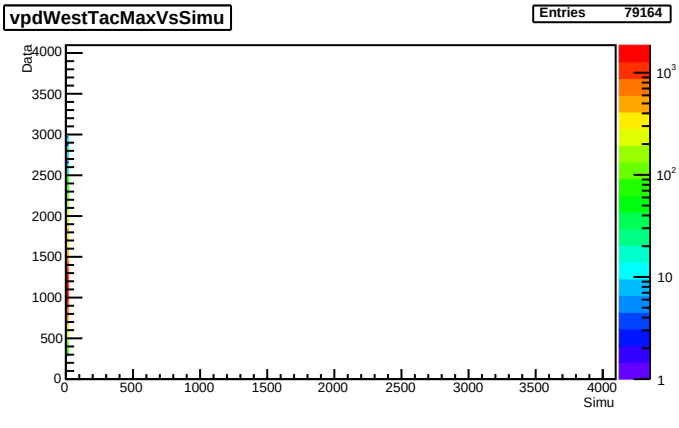

vpdEastTacMax
Entries 119065

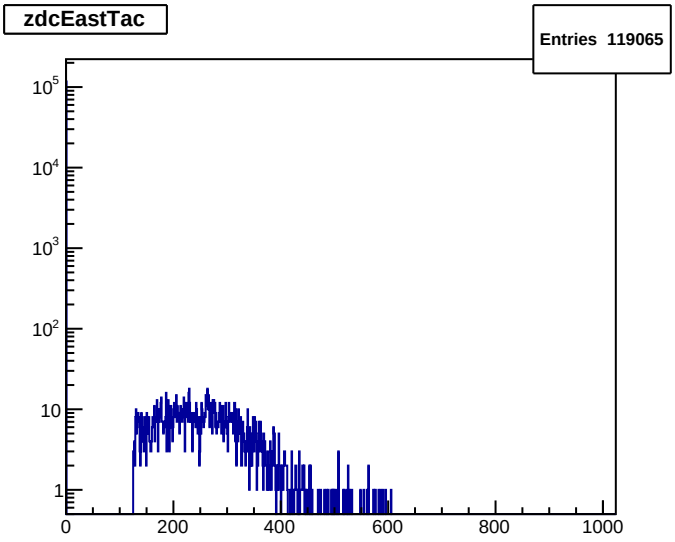

vpdEastTacMaxVsSimu
Entries 83510
Data
Simu

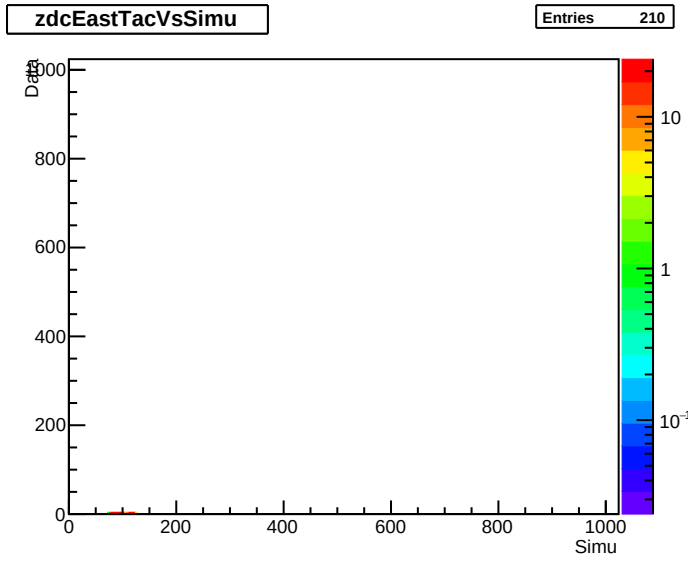

vpdWestAdcSum
Entries 119065

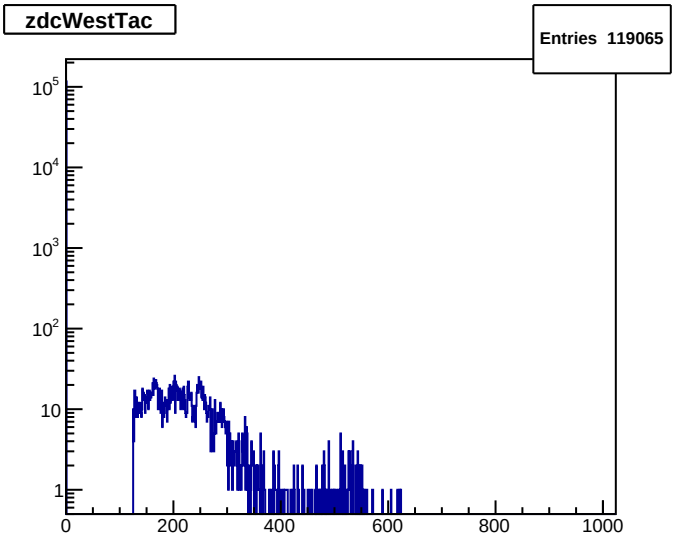

vpdWestAdcSumVsSimu
Entries 79164
Data
Simu

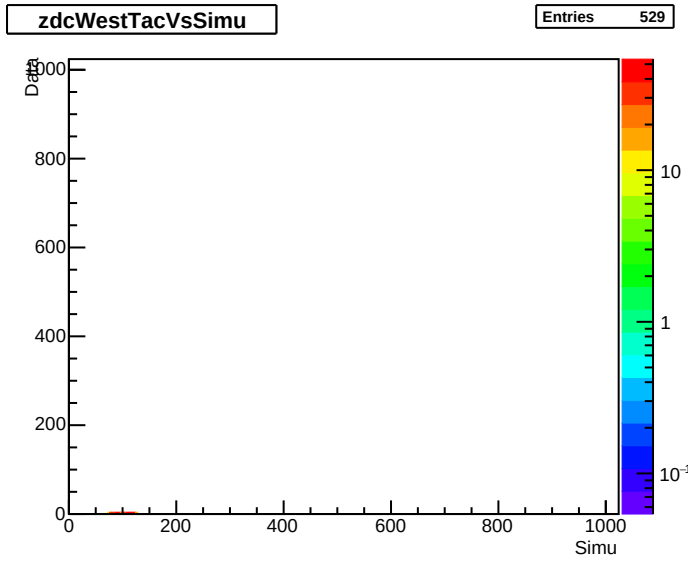

vpdWestTacMax
Entries 119065

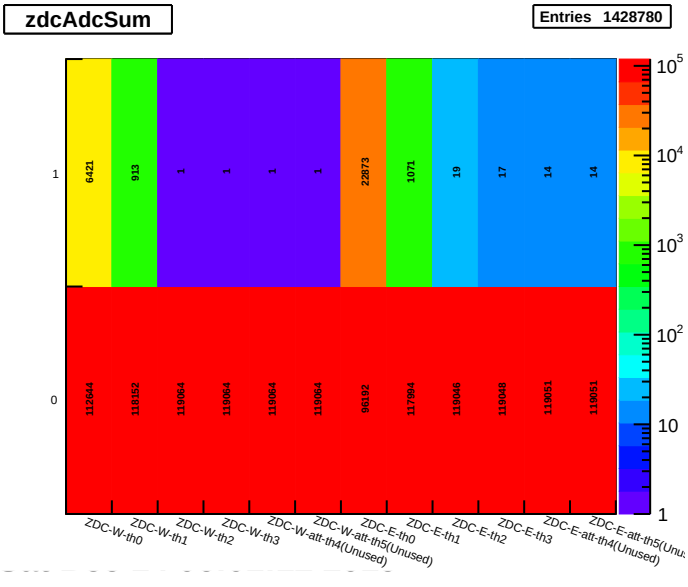

vpdWestTacMaxVsSimu
Entries 79164
Data
Simu

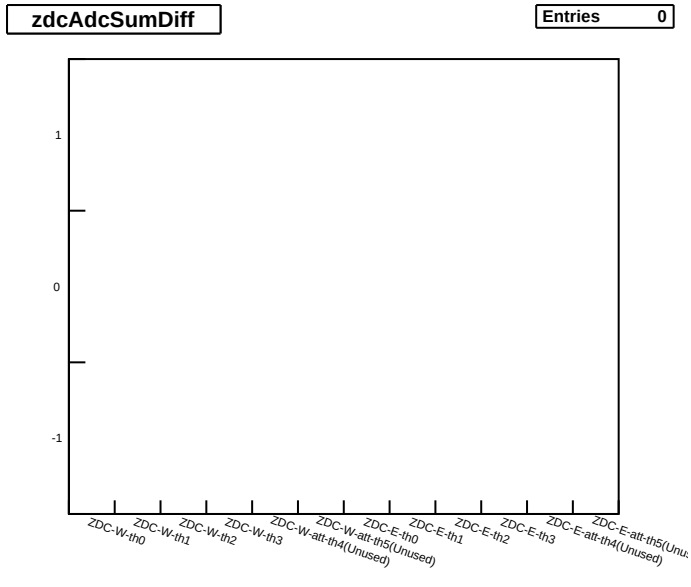

zdcEastTac
Entries 119065

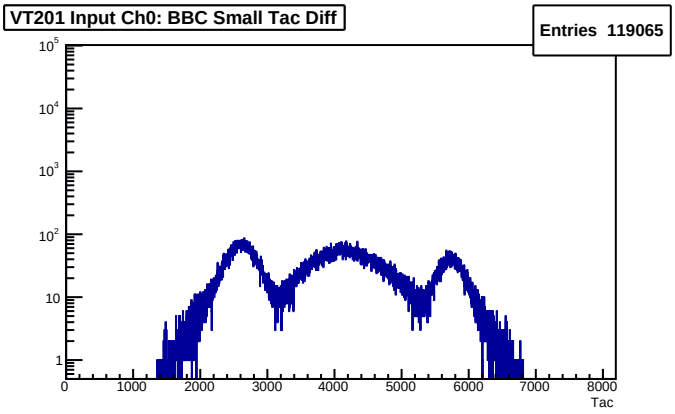

zdcEastTacVsSimu
Entries 210
Data
Simu

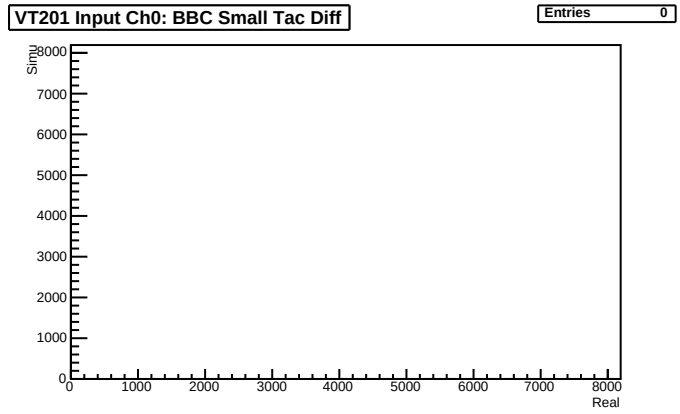

zdcWestTac
Entries 119065

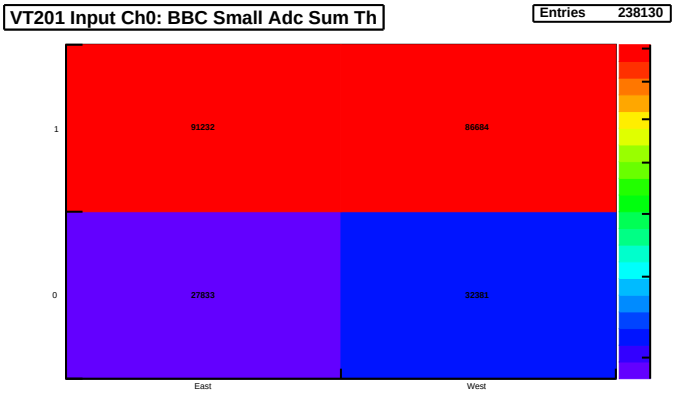

zdcWestTacVsSimu
Entries 529
Data
Simu

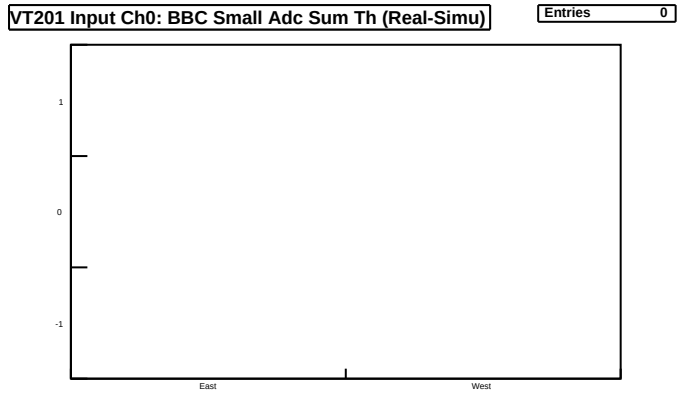

zdcAdcSum
Entries 1428780
6421
913
1
1
1
1
22873
1071
19
17
14
14
112644
118152
119064
119064
119064
119064
96192
117994
119046
119048
119051
119051
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

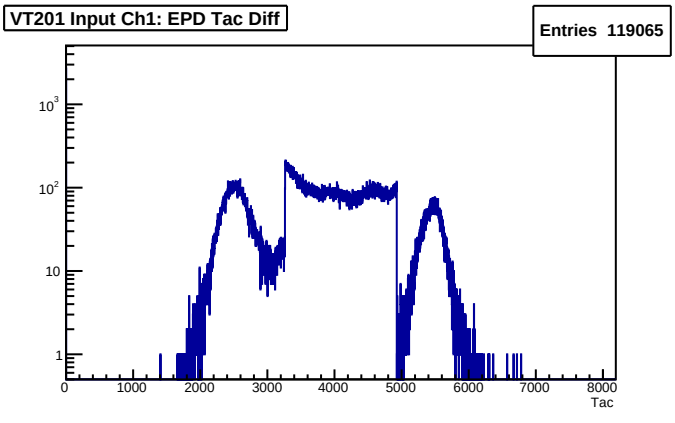

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

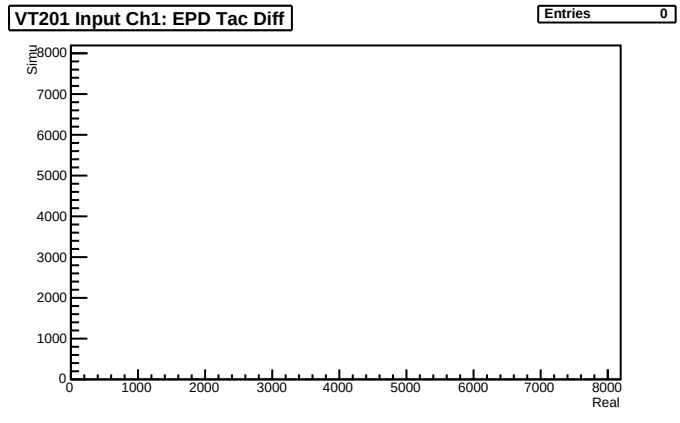

VT201 Input Ch0: BBC Small Tac Diff
Entries 119065
Tac

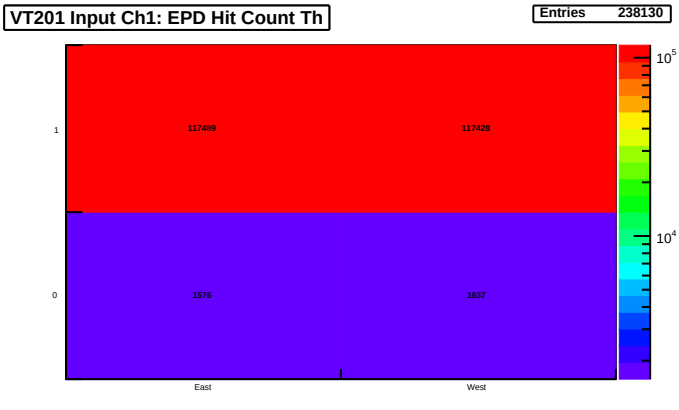

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

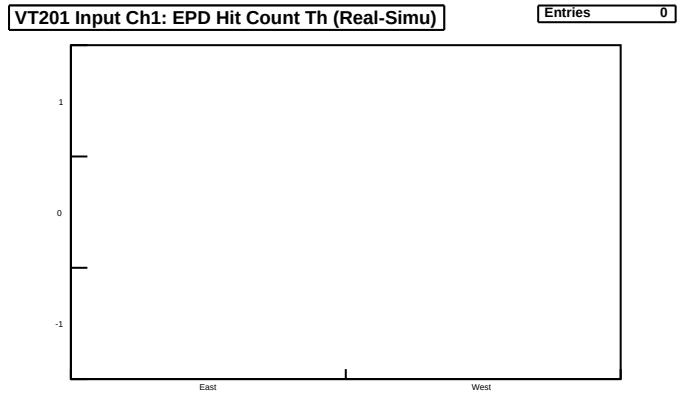

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 238130
91232
86684
27833
32381
East
West

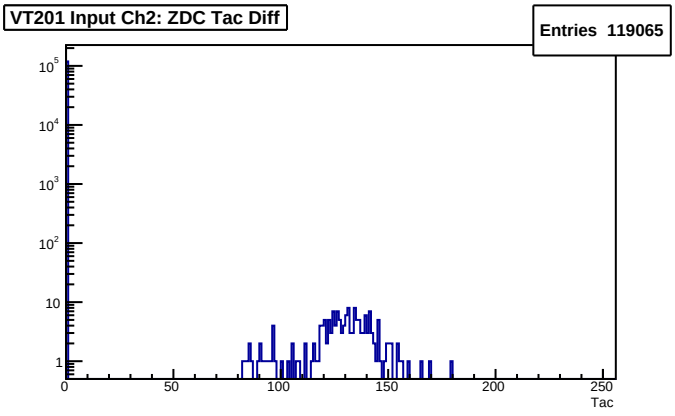

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

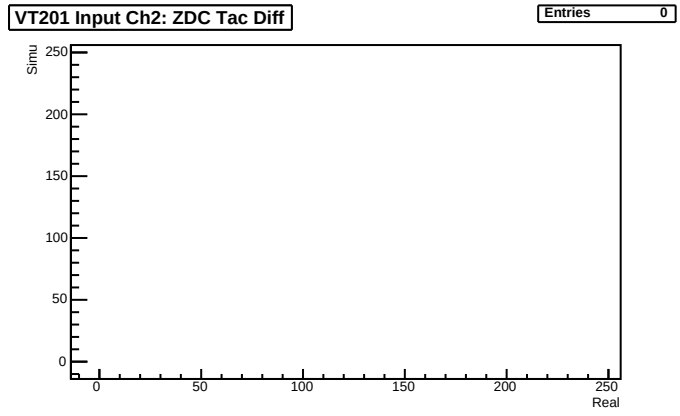

VT201 Input Ch1: EPD Tac Diff
Entries 119065
Tac

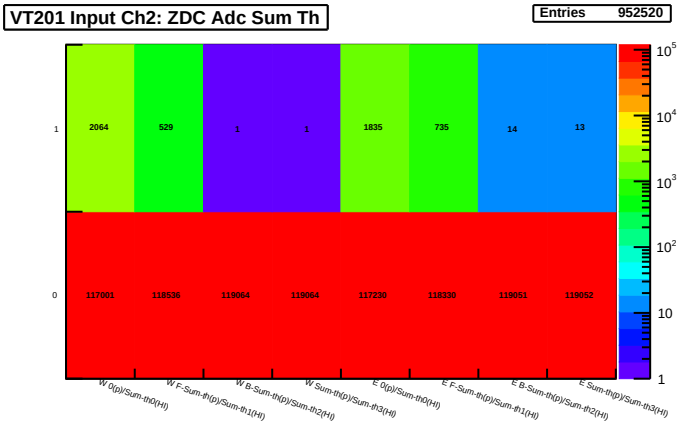

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

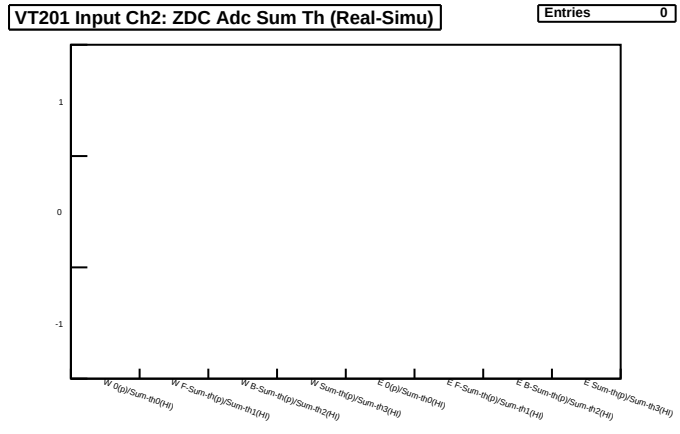

VT201 Input Ch1: EPD Hit Count Th
Entries 238130
117489
117428
1576
1637
East
West

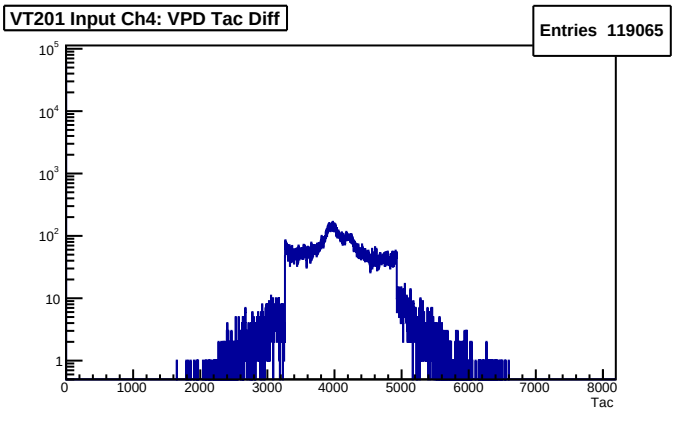

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

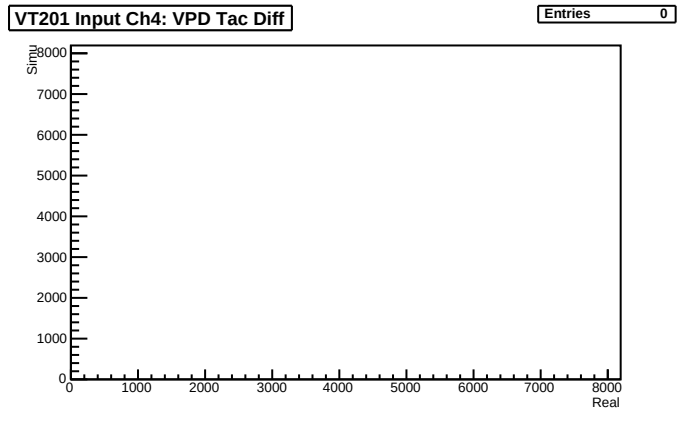

VT201 Input Ch2: ZDC Tac Diff
Entries 119065
Tac

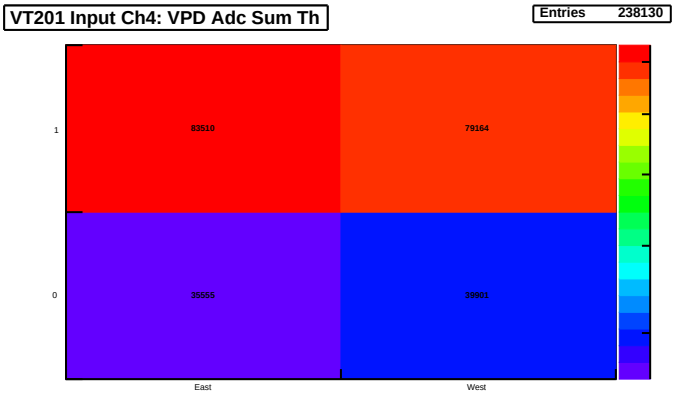

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

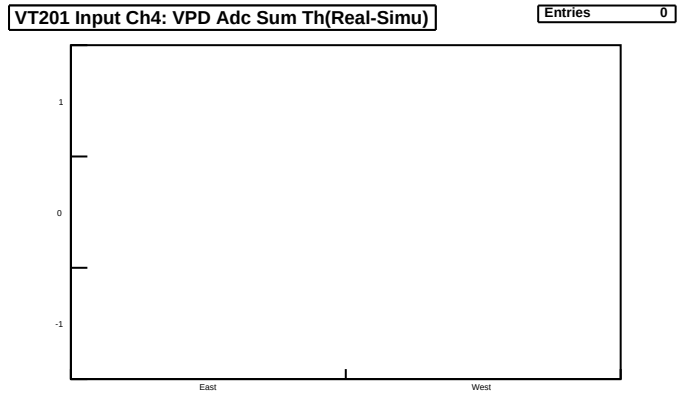

VT201 Input Ch2: ZDC Adc Sum Th
Entries 952520
2064
529
1
1
1835
735
14
13
117001
118536
119064
119064
117230
118330
119051
119052
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

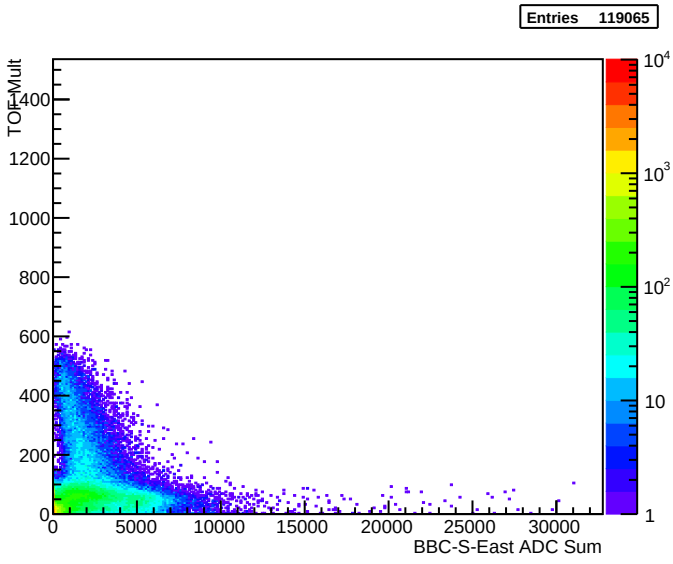

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

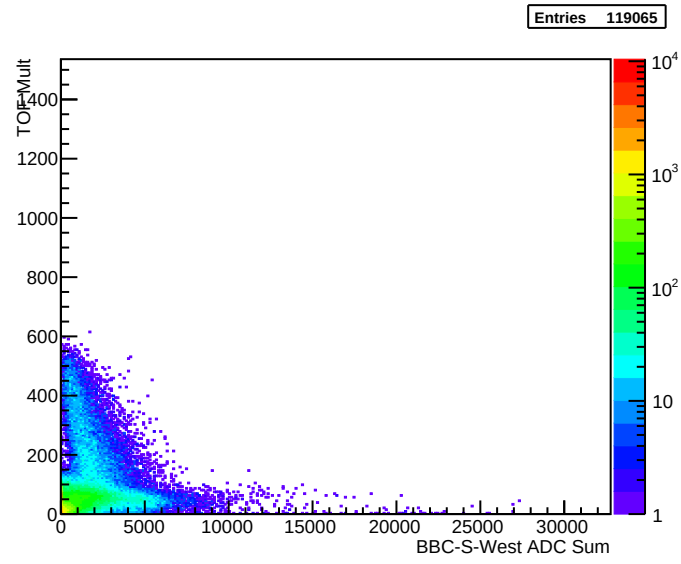

VT201 Input Ch4: VPD Tac Diff
Entries 119065
Tac

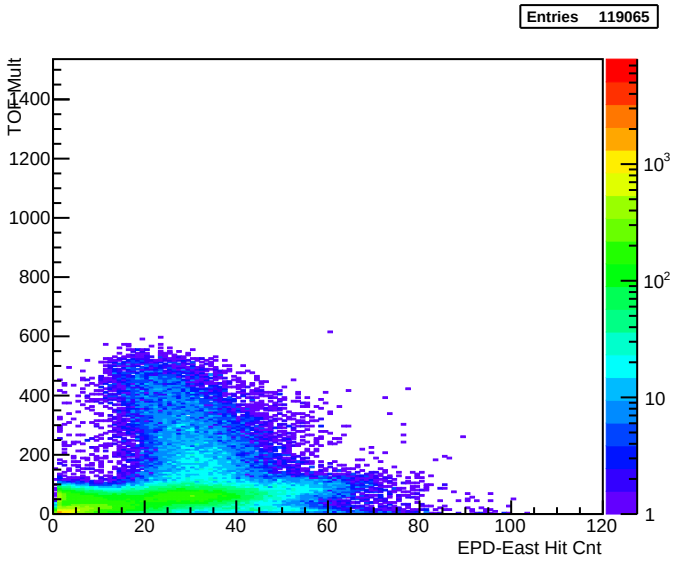

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

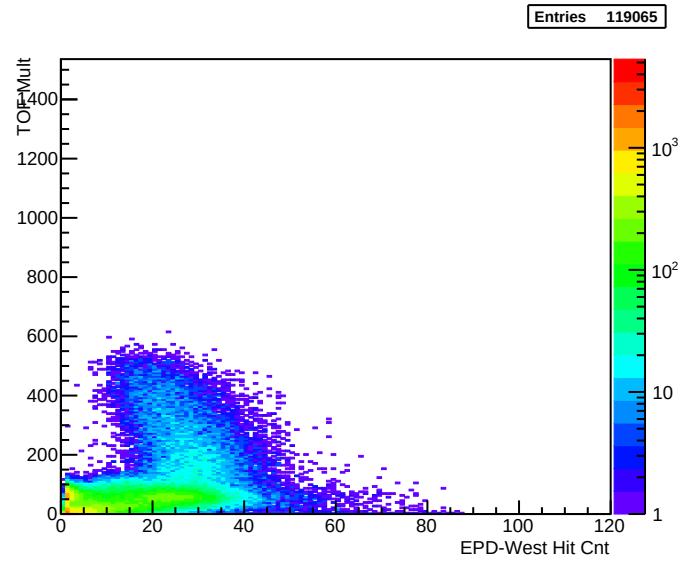

VT201 Input Ch4: VPD Adc Sum Th
Entries 238130
83510
79164
35555
39901
East
West

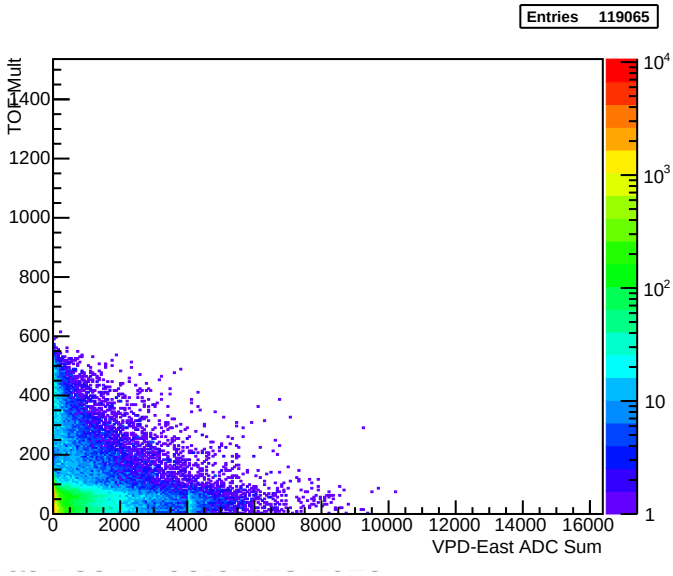

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

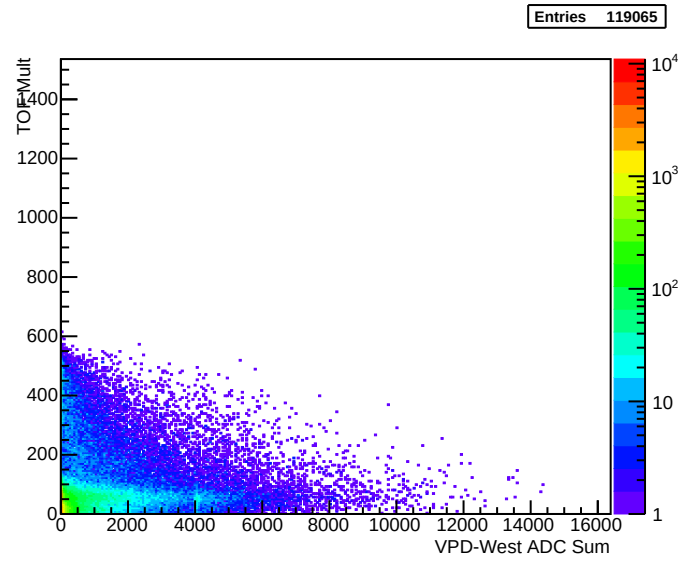

Entries 119065
TOF-Mult
BBC-S-East ADC Sum

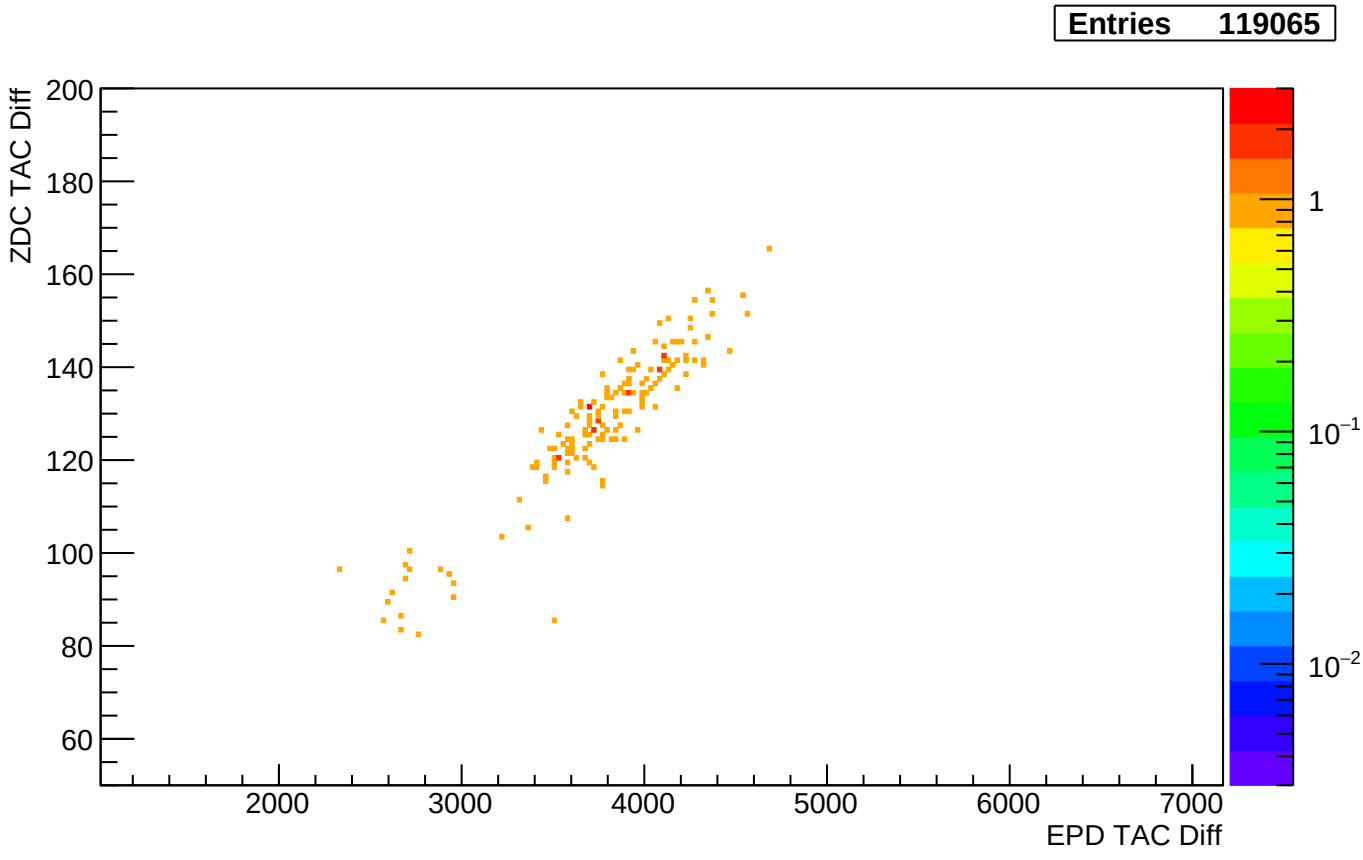

Entries 119065
TOF-Mult
BBC-S-West ADC Sum

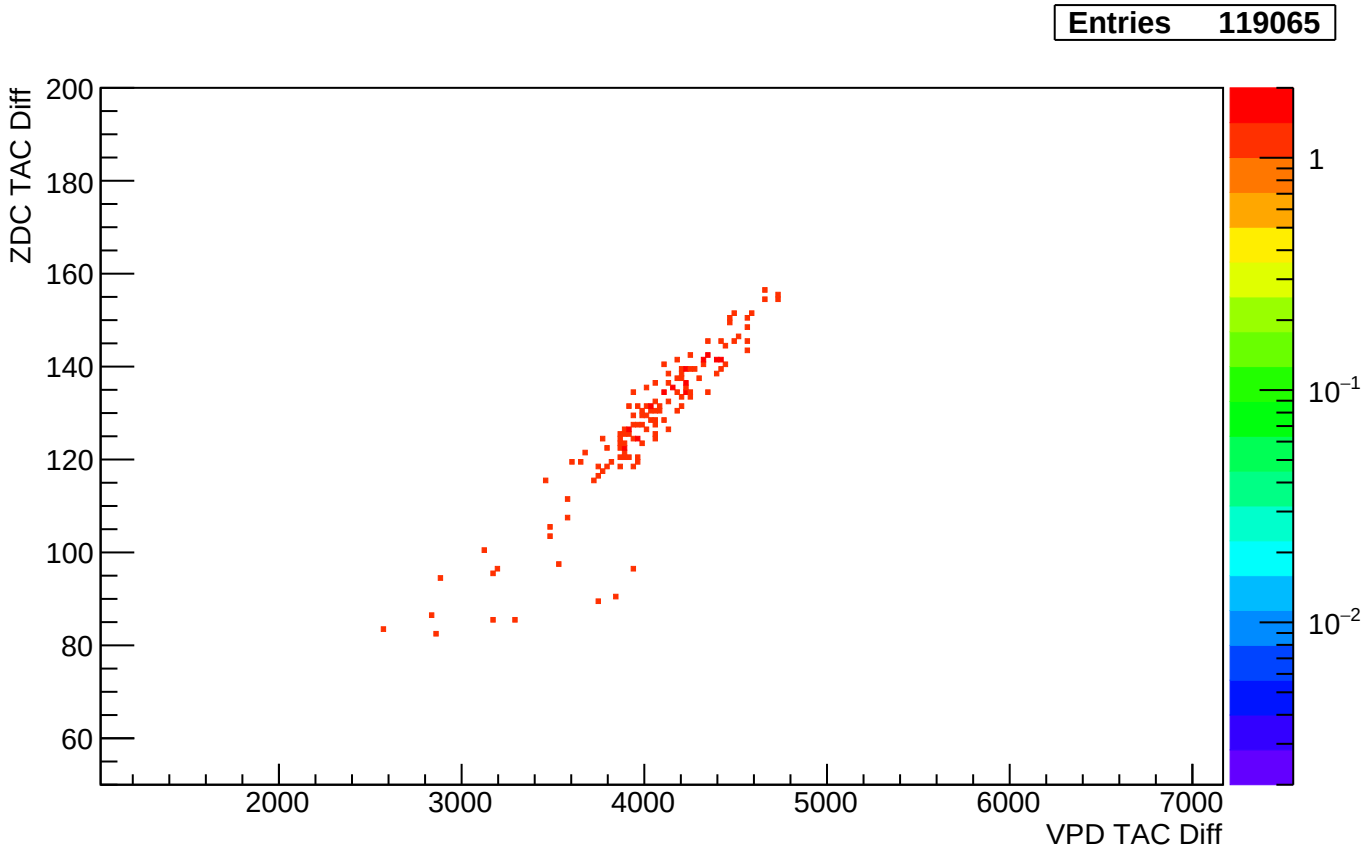

Entries 119065
TOF-Mult
EPD-East Hit Cnt

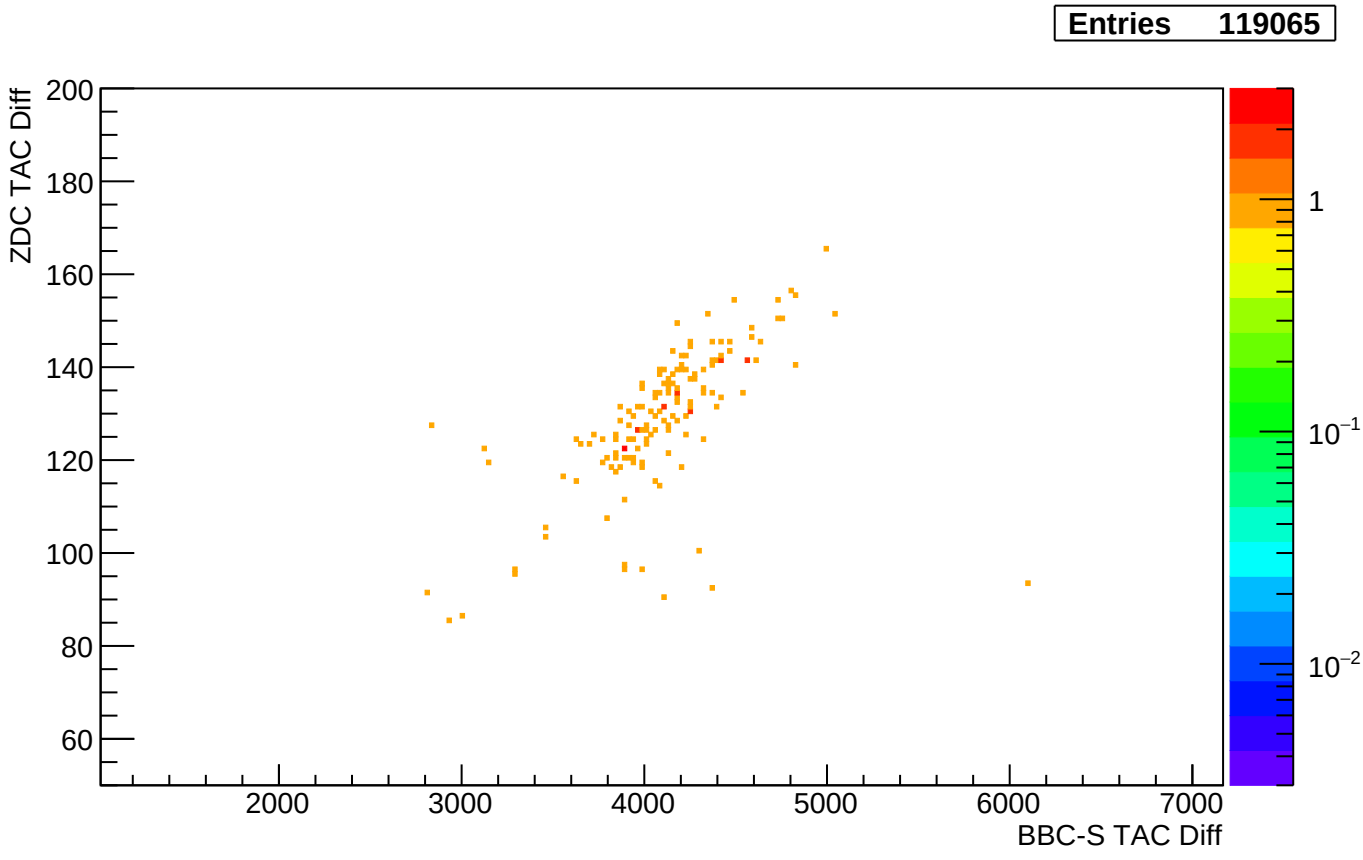

Entries 119065
TOF-Mult
EPD-West Hit Cnt

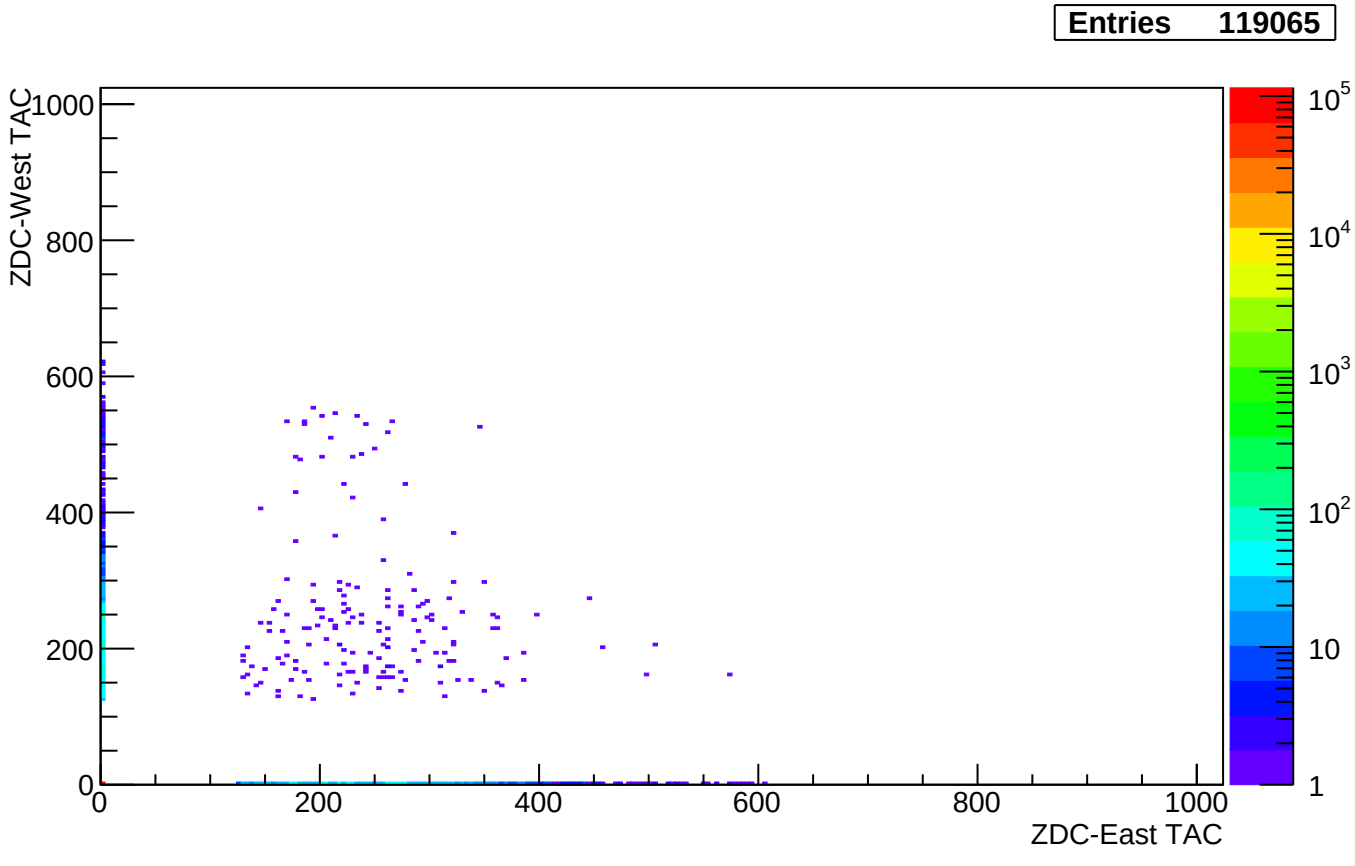

Entries 119065
TOF-Mult
VPD-East ADC Sum

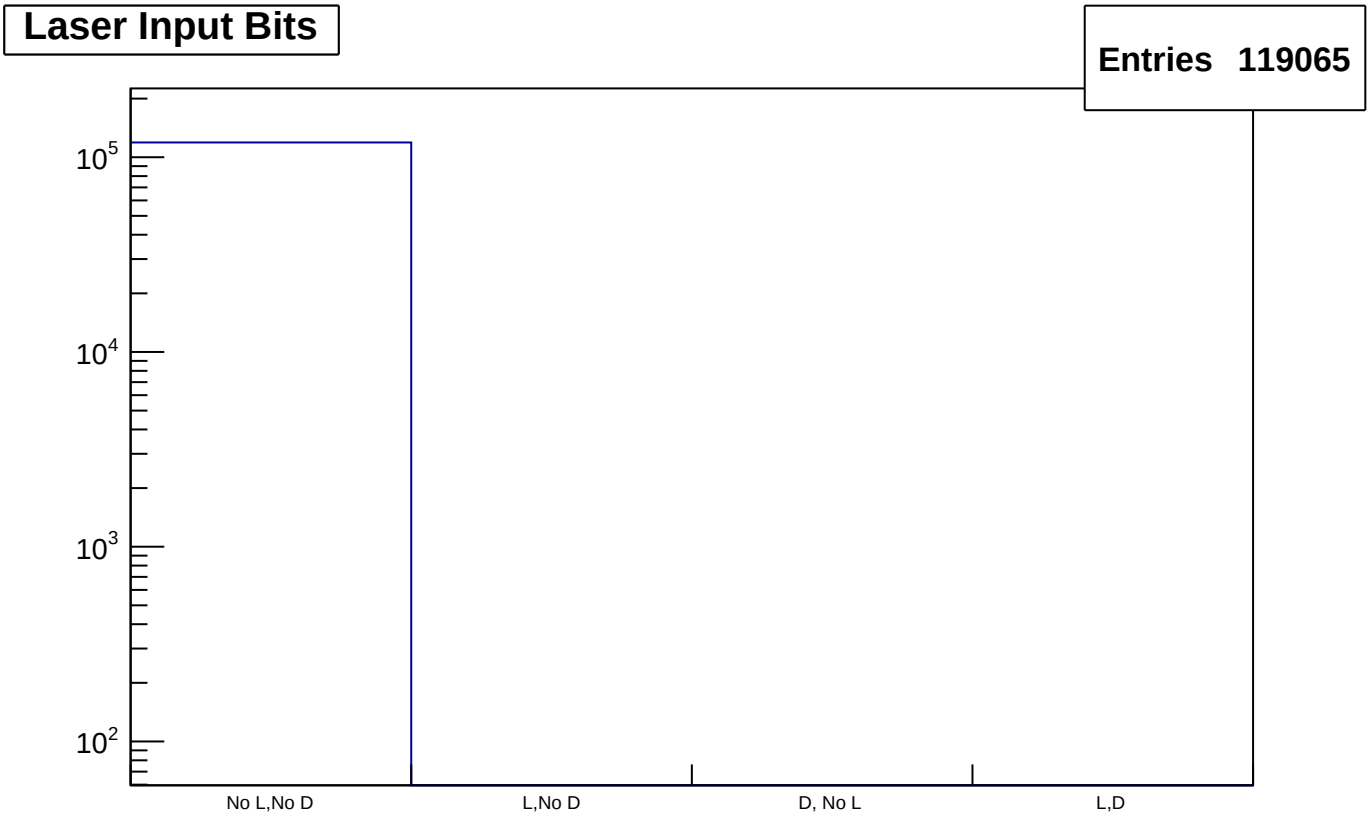

Entries 119065
TOF-Mult
VPD-West ADC Sum

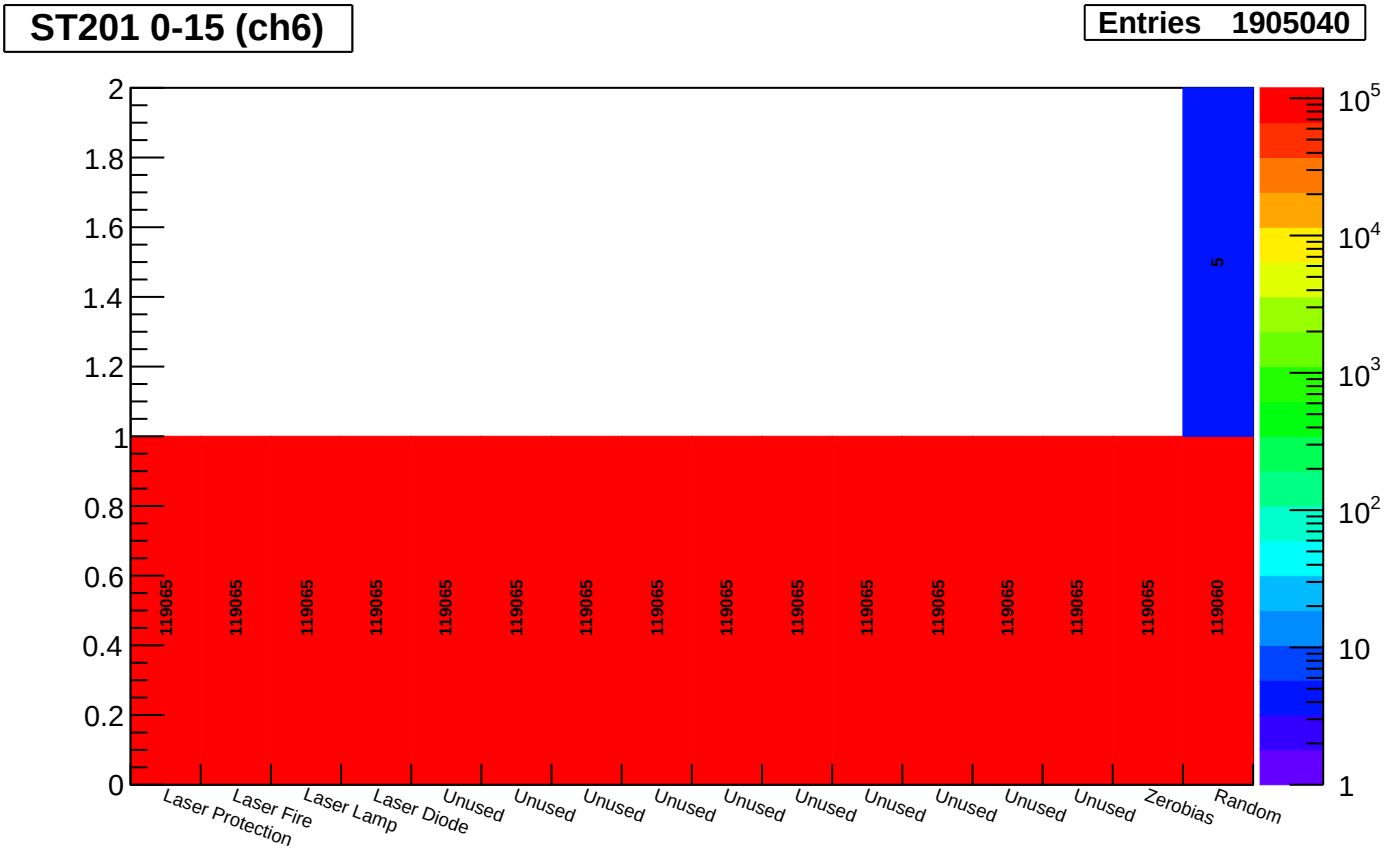

Entries 119065
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

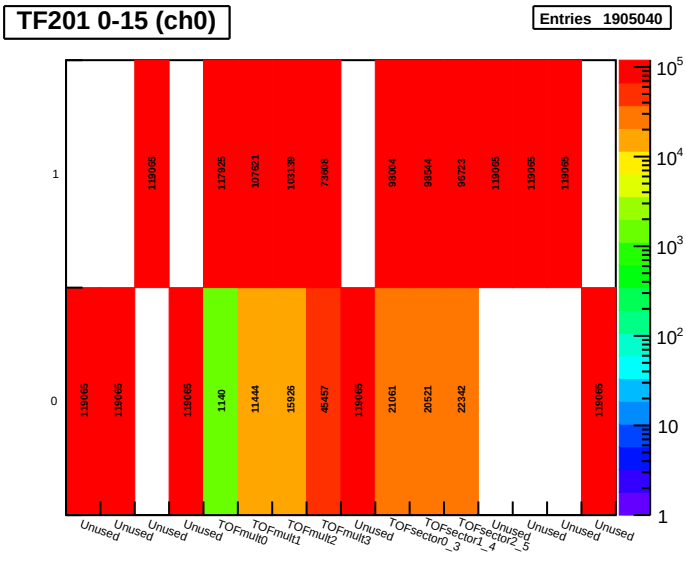

Entries 119065
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

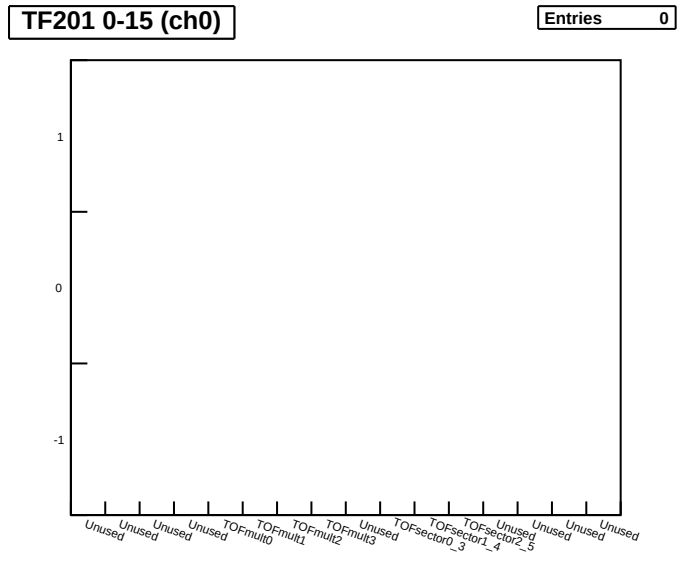

Entries 119065
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

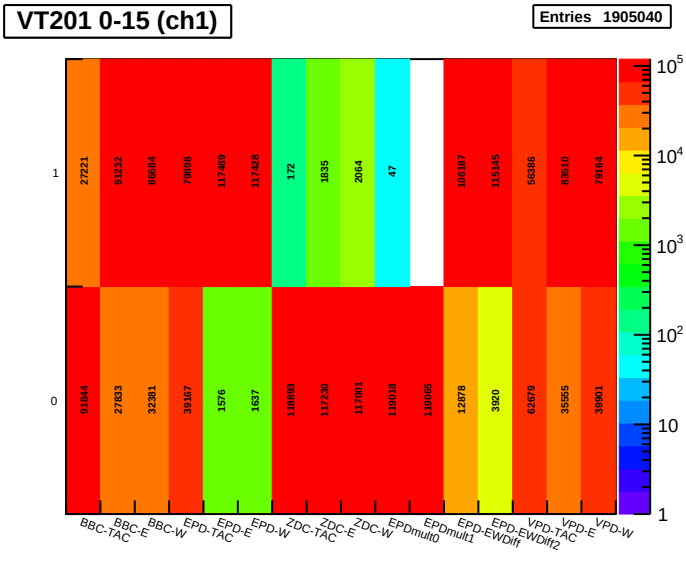

Entries 119065
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

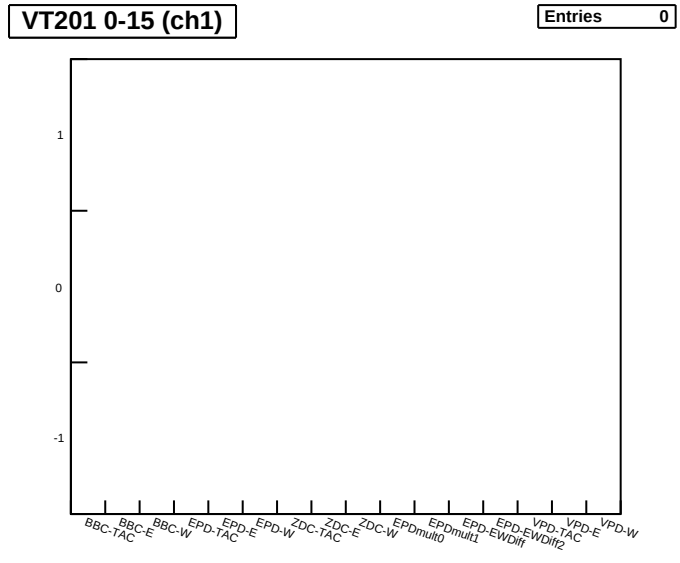

Laser Input Bits
Entries 119065
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

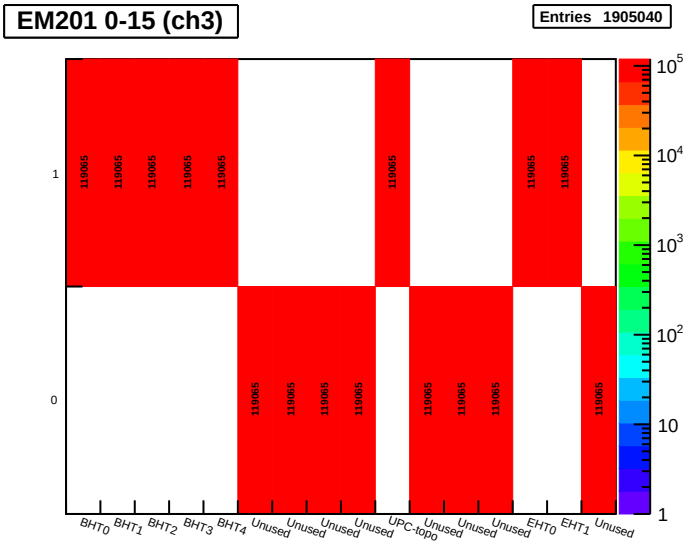

ST201 0-15 (ch6)
Entries 1905040
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
119065
119060
5
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

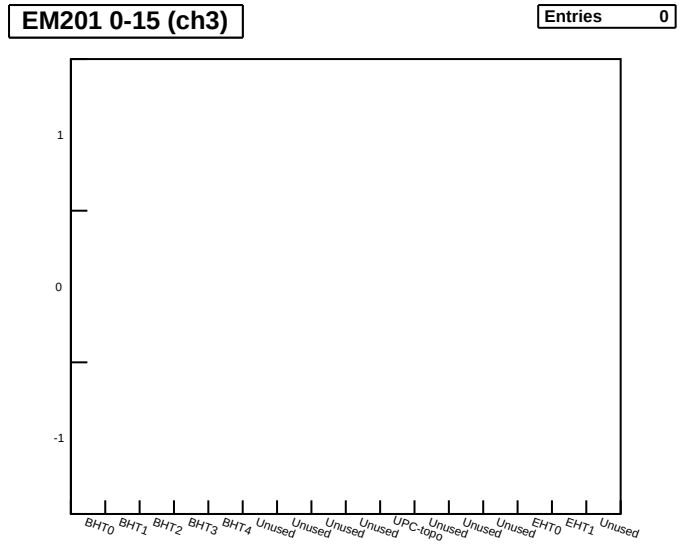

TF201 0-15 (ch0)
Entries 1905040
1
0
119065 119065 119065 1140 11444 15926 45457 119065 21061 20521 22342 119065
119065 117925 107621 103139 73608 98004 98544 96723 119065 119065 119065
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^5 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 1905040
1
0
27221 91232 86684 78898 117489 117428 172 1835 2064 47 106187 115145 56386 83510 78164
91844 27833 32381 39167 1576 1637 118893 117230 117001 119018 119065 12878 3920 62679 35555 39901
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 1905040
1
0
119065 119065 119065 119065 119065 119065 119065 119065 119065
119065 119065 119065 119065 119065 119065 119065 119065
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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 Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused