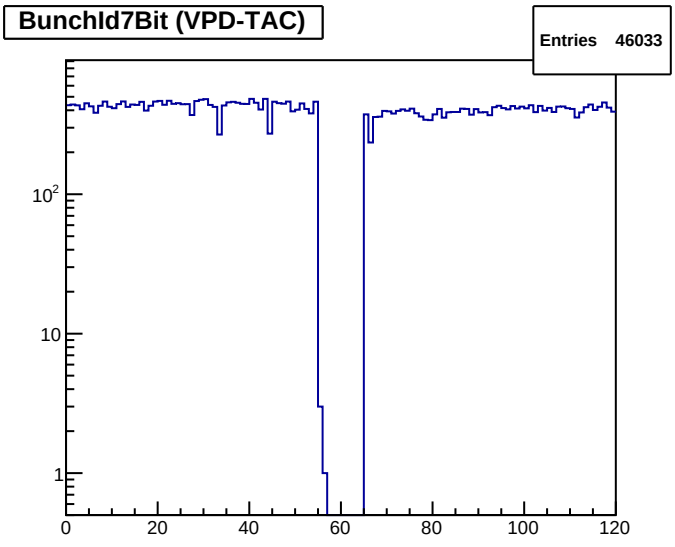
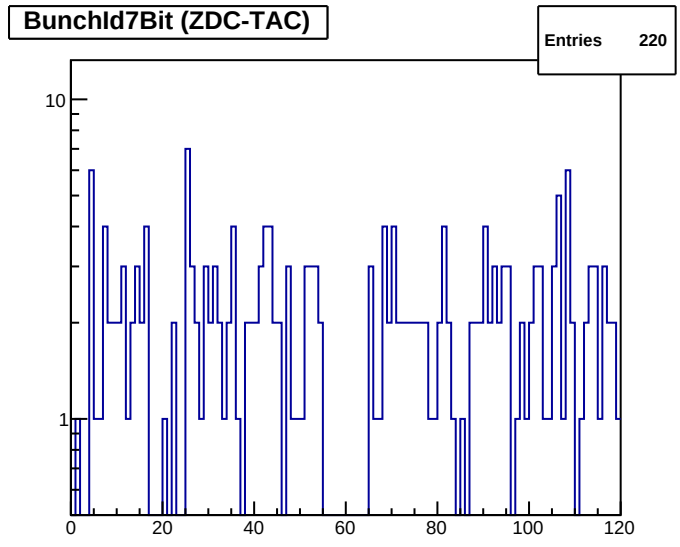
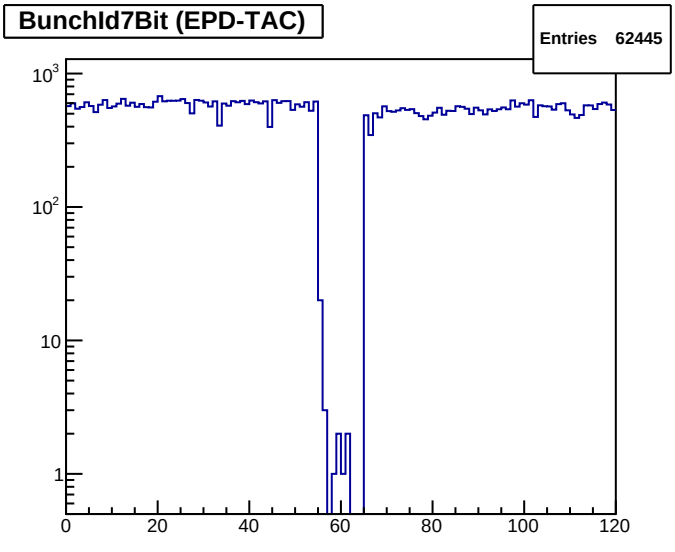
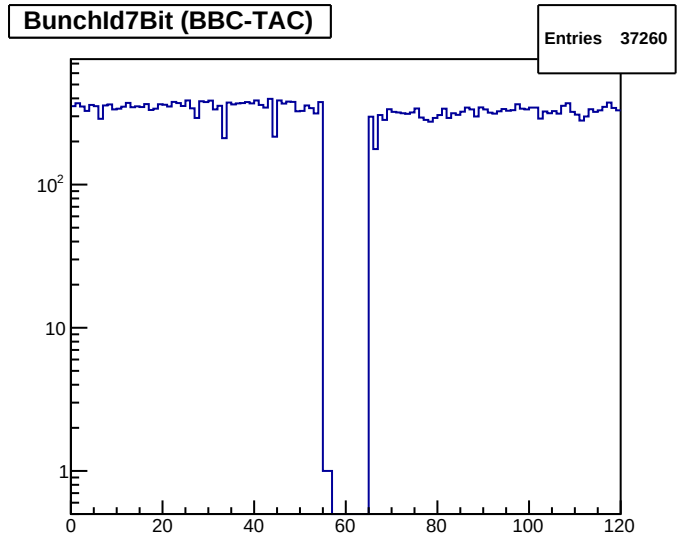
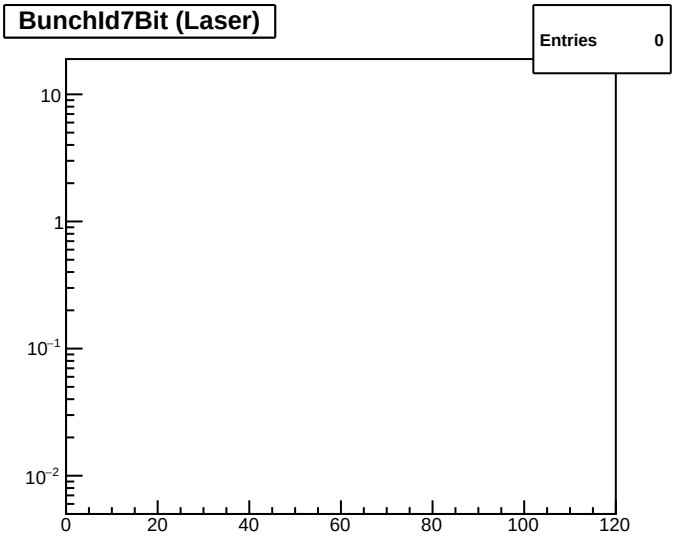
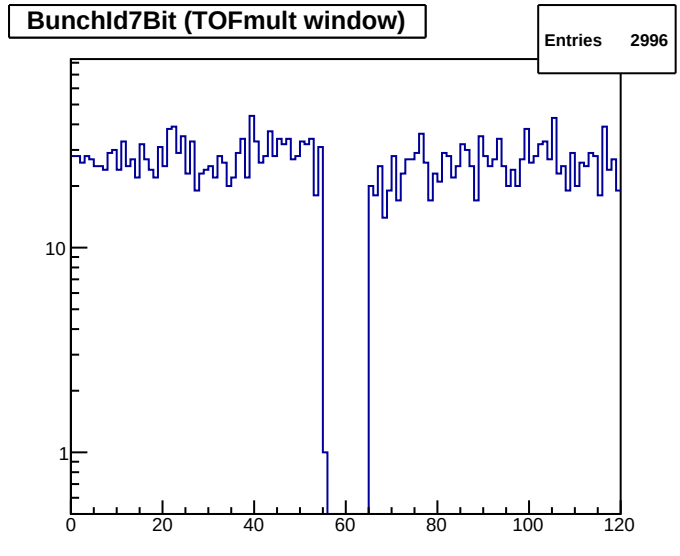

BunchId7Bit (VPD-TAC)
Entries 46033

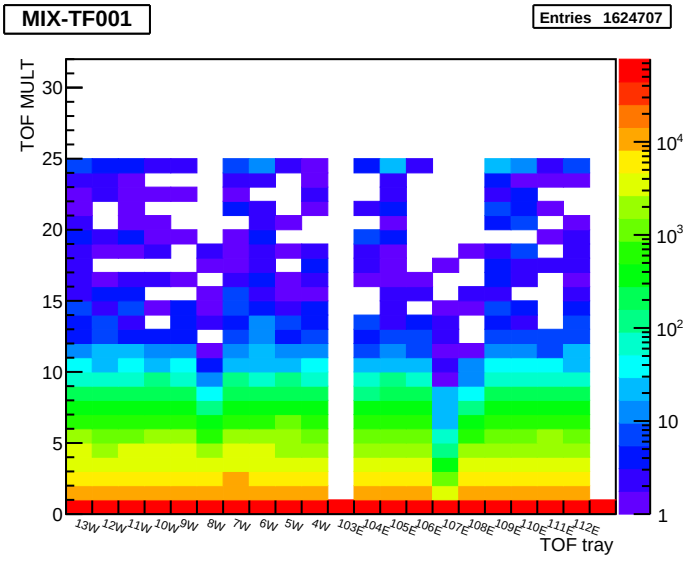

BunchId7Bit (ZDC-TAC)
Entries 220

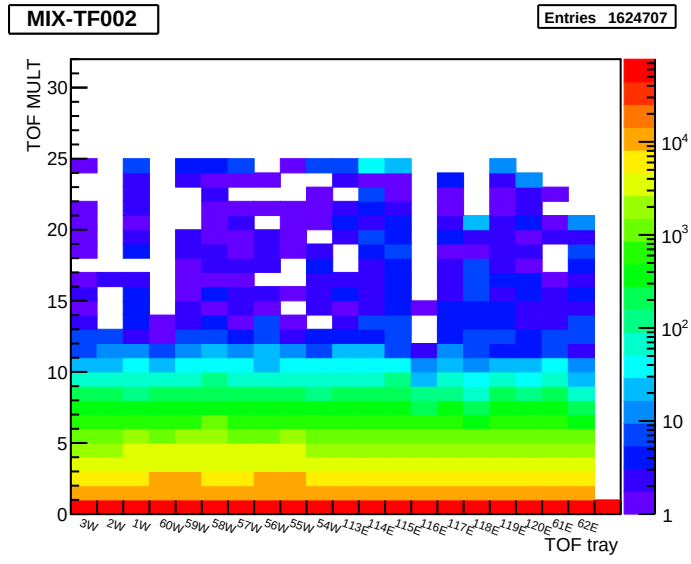

BunchId7Bit (EPD-TAC)
Entries 62445

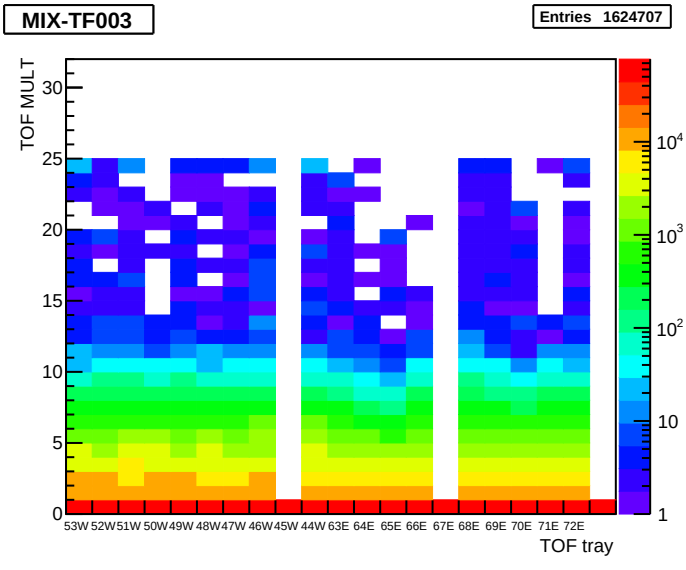

BunchId7Bit (BBC-TAC)
Entries 37260

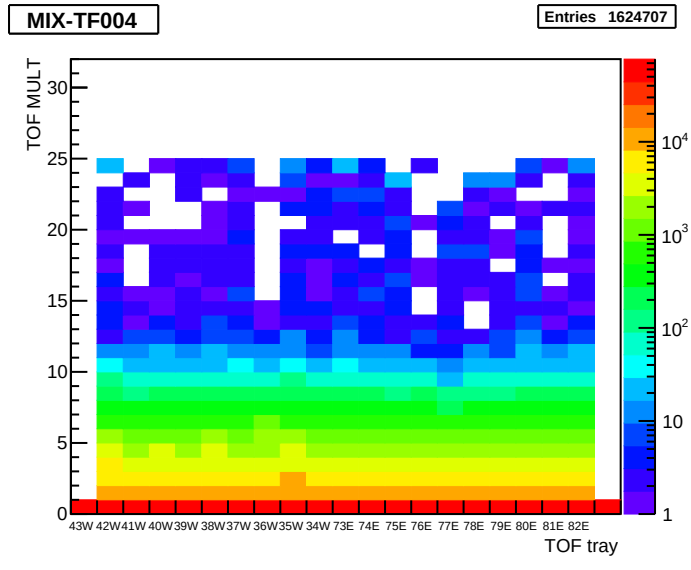

BunchId7Bit (Laser)
Entries 0

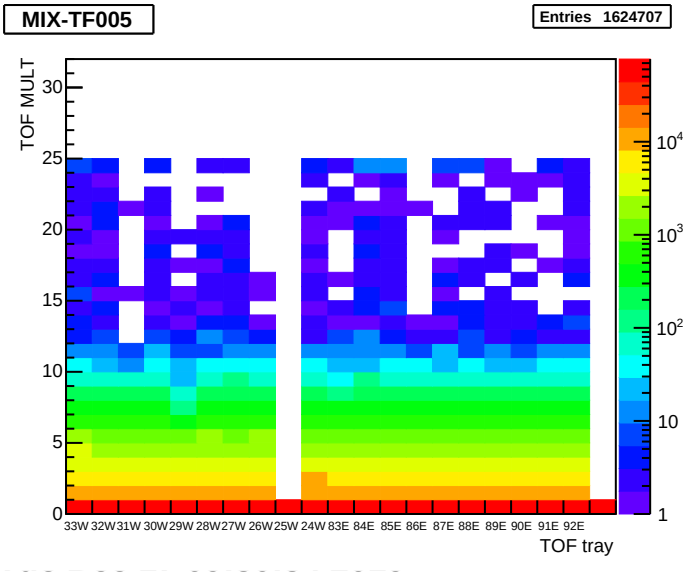

BunchId7Bit (TOFmult window)
Entries 2996

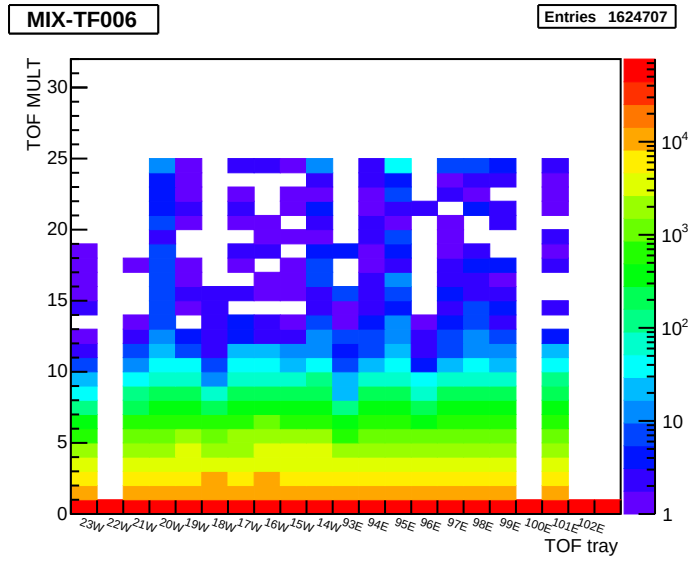

MIX-TF001
Entries 1624707
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

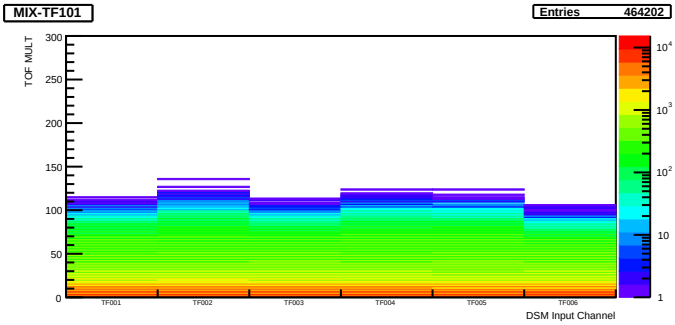

MIX-TF002
Entries 1624707
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

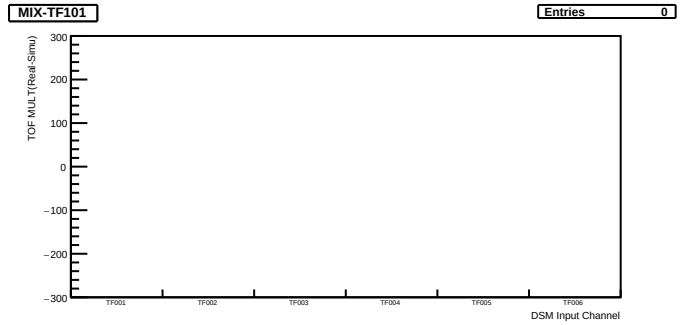

MIX-TF003
Entries 1624707
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

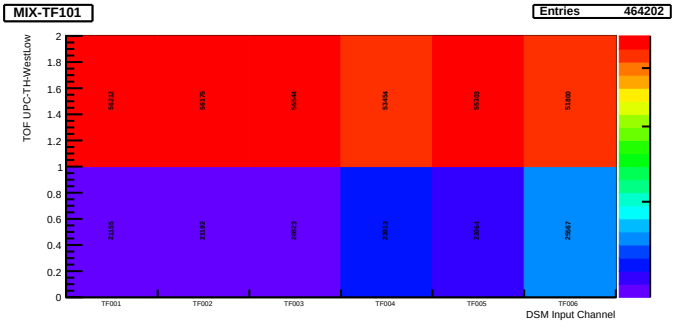

MIX-TF004
Entries 1624707
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

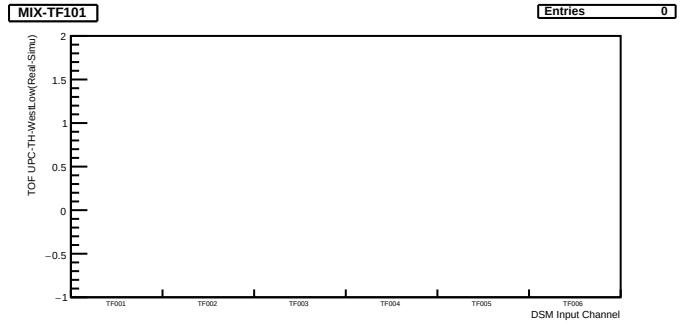

MIX-TF005
Entries 1624707
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

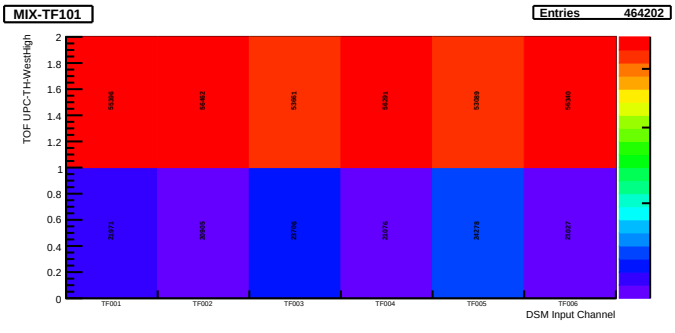

MIX-TF006
Entries 1624707
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

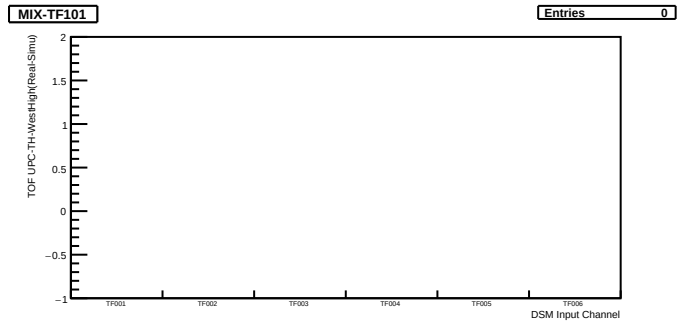

MIX-TF101
Entries 464202
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

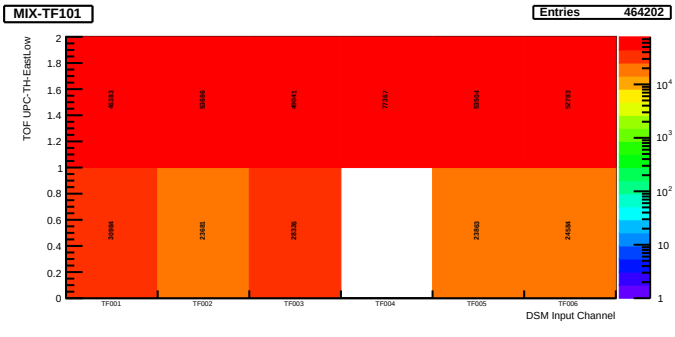

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

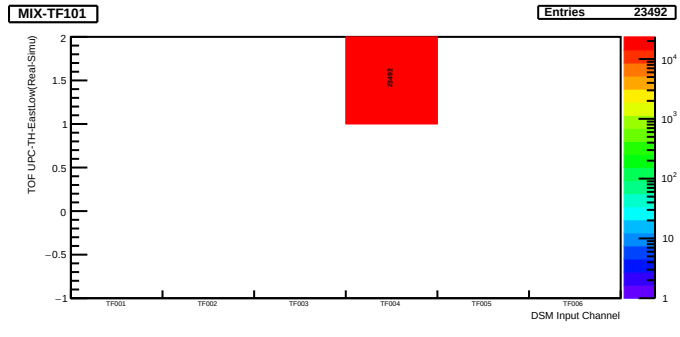

MIX-TF101
Entries 464202
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

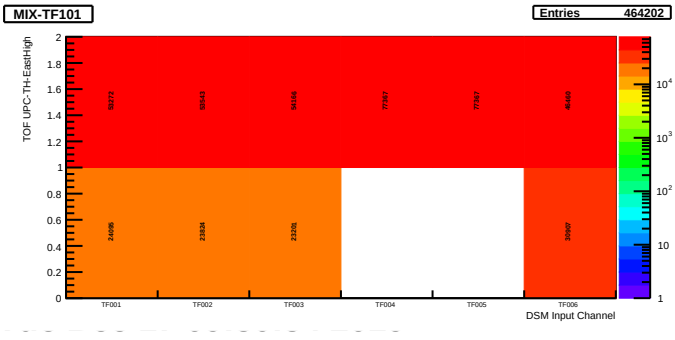

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

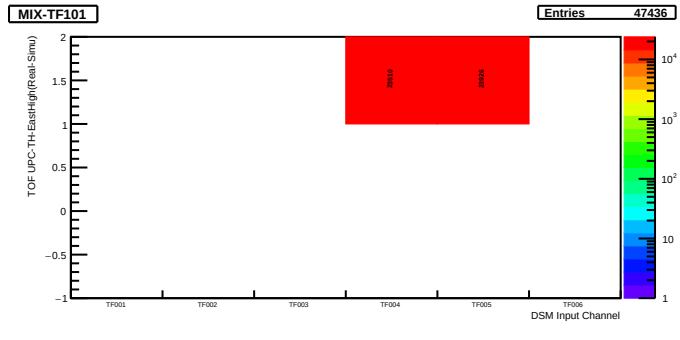

MIX-TF101
Entries 464202
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

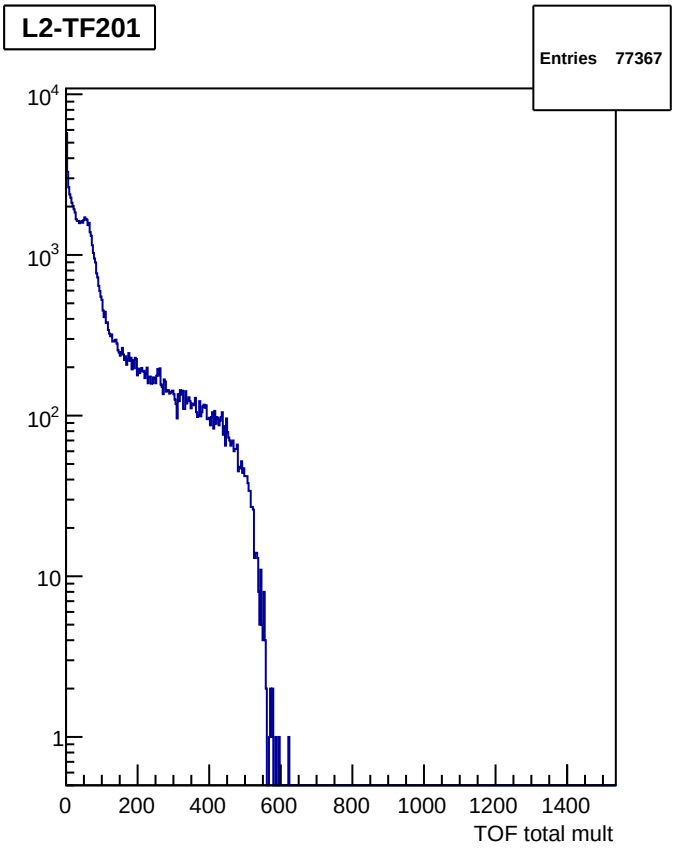

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

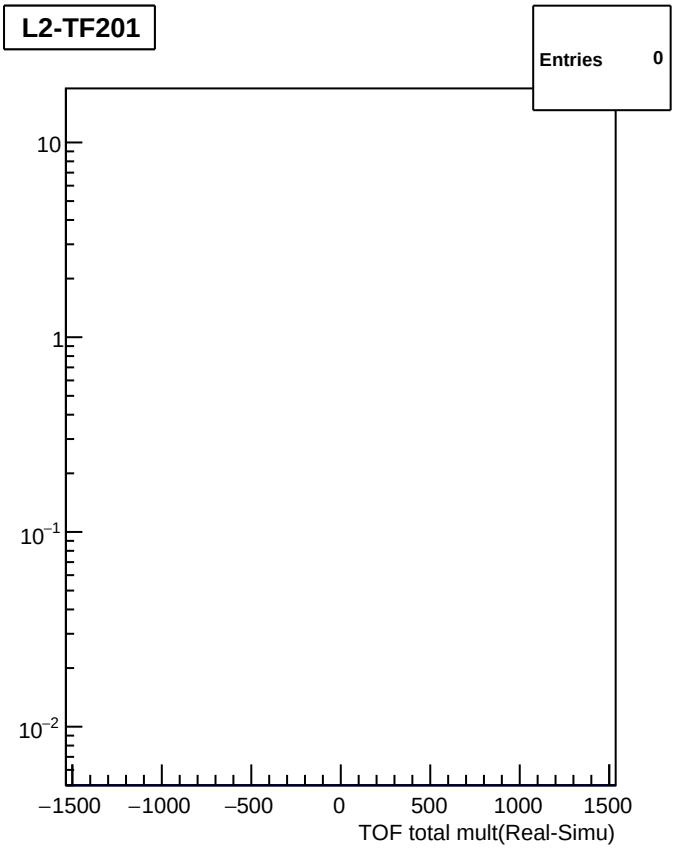

MIX-TF101
Entries 464202
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

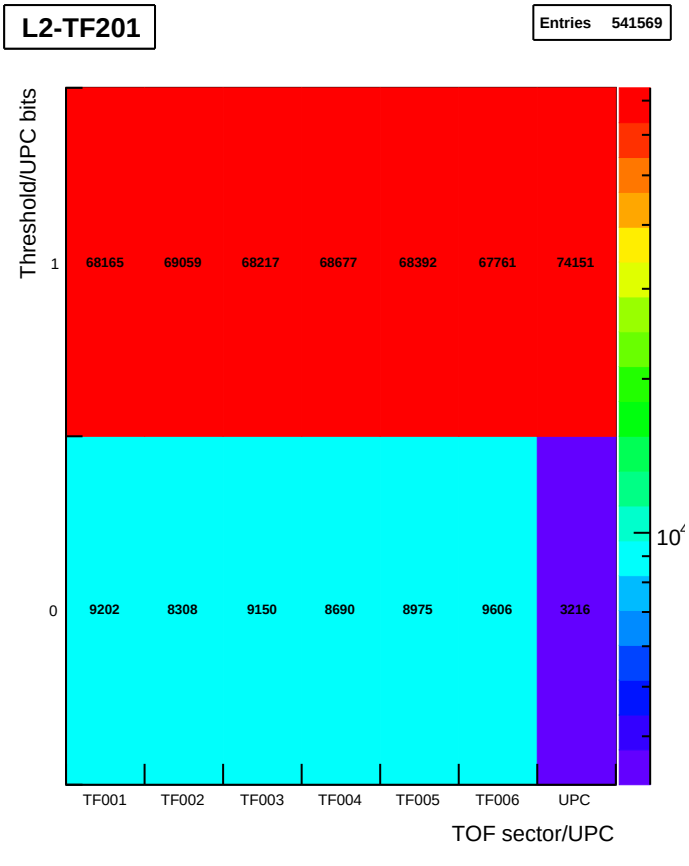

MIX-TF101
Entries 23492
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

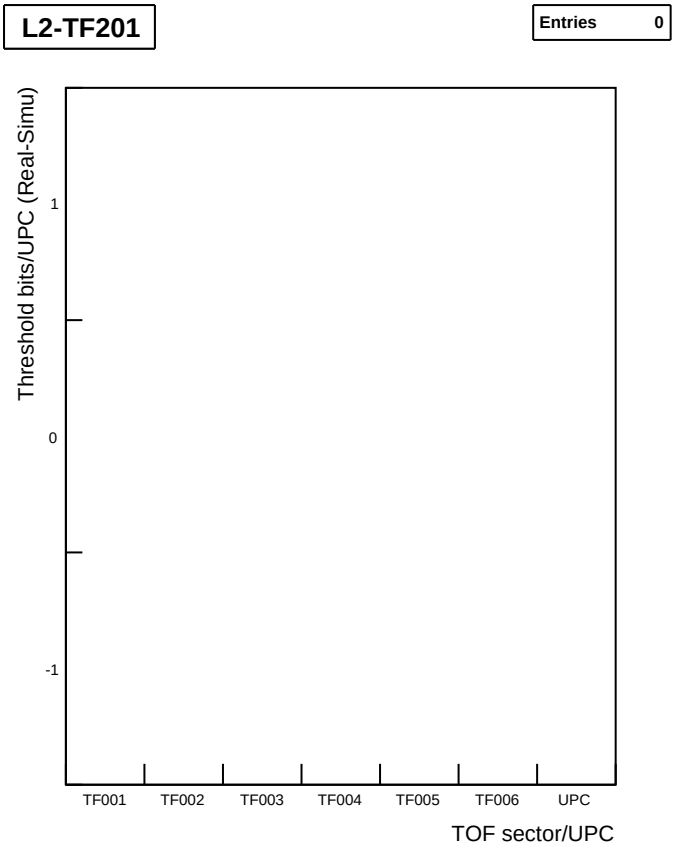

MIX-TF101
Entries 464202
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

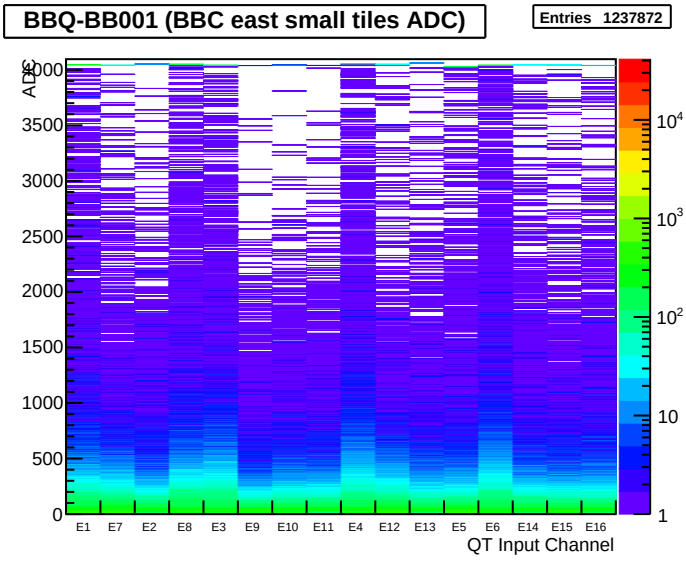

MIX-TF101
Entries 47436
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

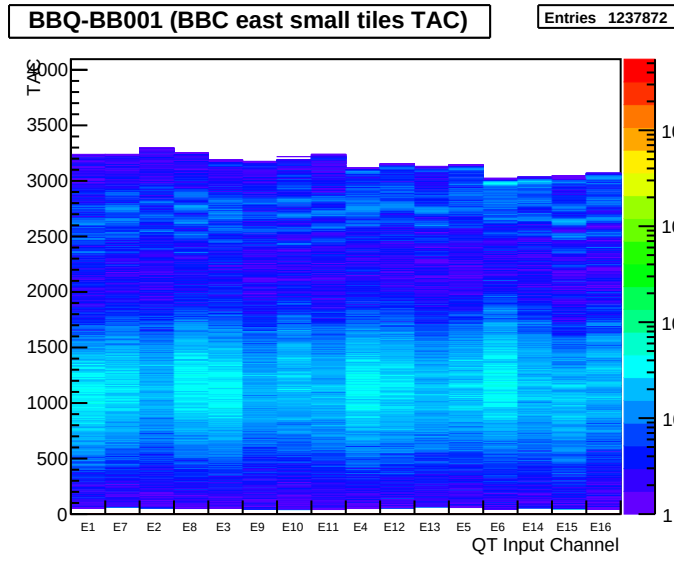

L2-TF201
Entries 77367
TOF total mult

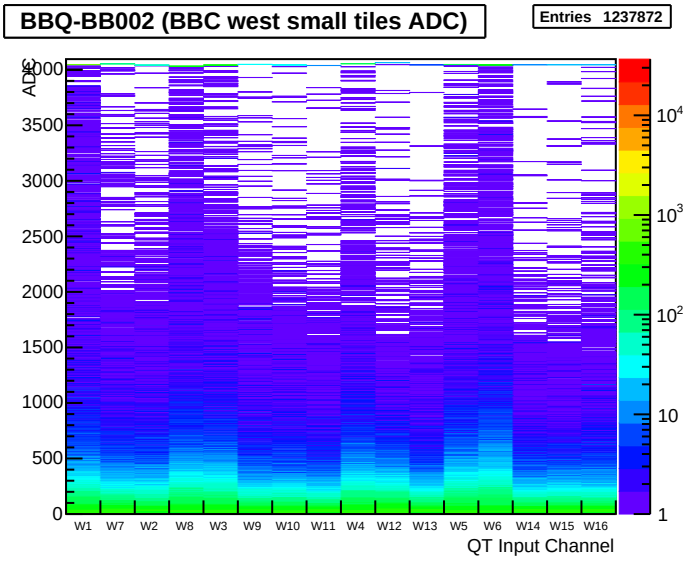

L2-TF201
Entries 0
TOF total mult(Real-Simu)

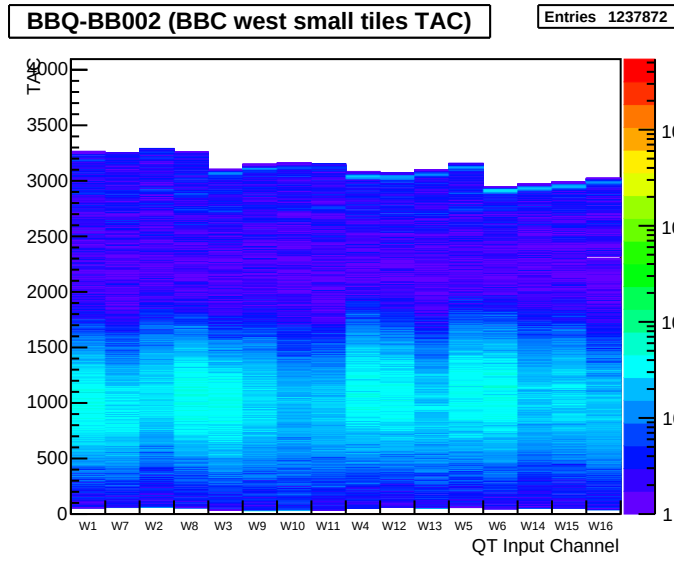

L2-TF201
Entries 541569
Threshold/UPC bits
68165 69059 68217 68677 68392 67761 74151
9202 8308 9150 8690 8975 9606 3216
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

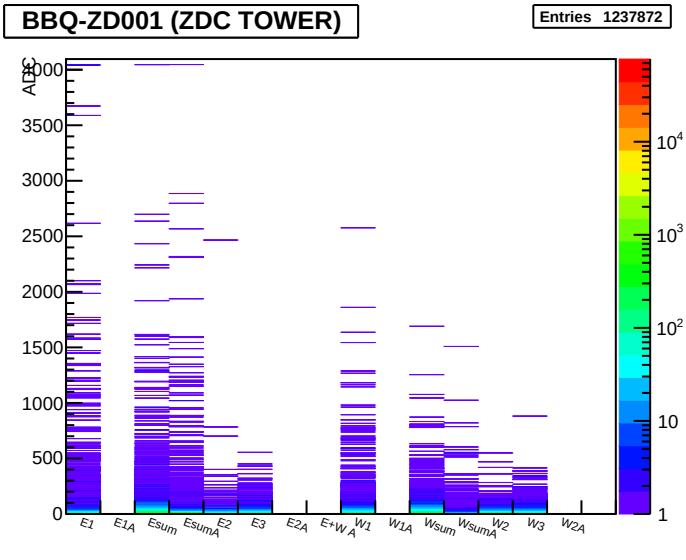

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

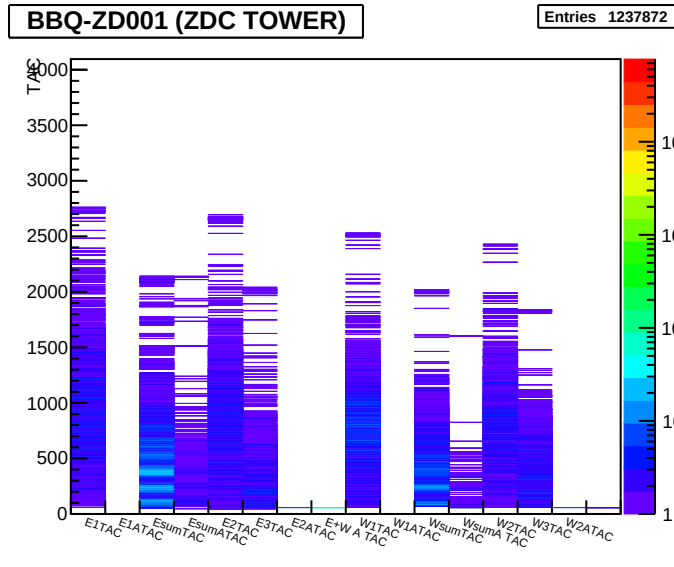

BBQ-BB001 (BBC east small tiles ADC)
Entries 1237872
ADC
QT Input Channel

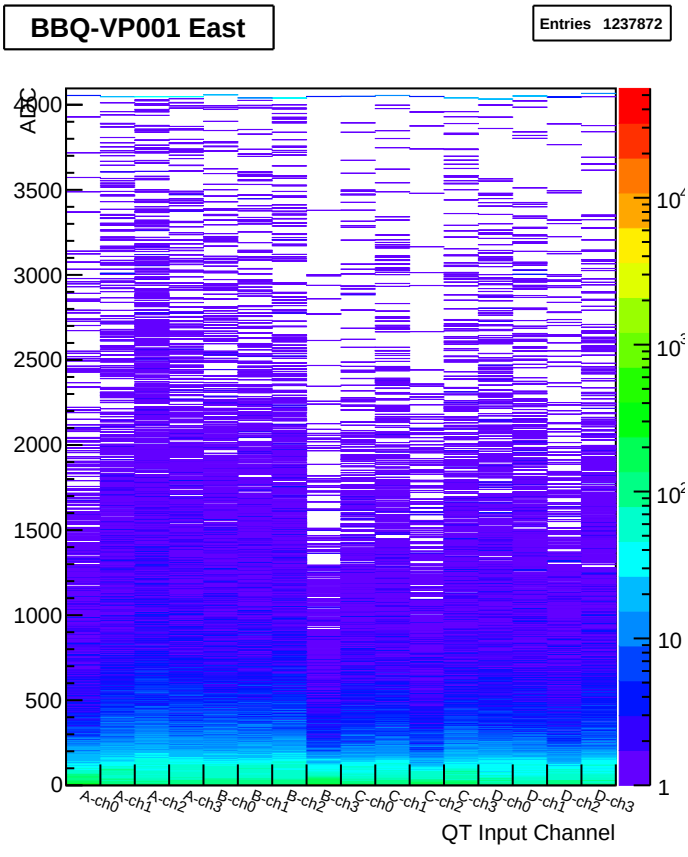

BBQ-BB001 (BBC east small tiles TAC)
Entries 1237872
TAC
QT Input Channel

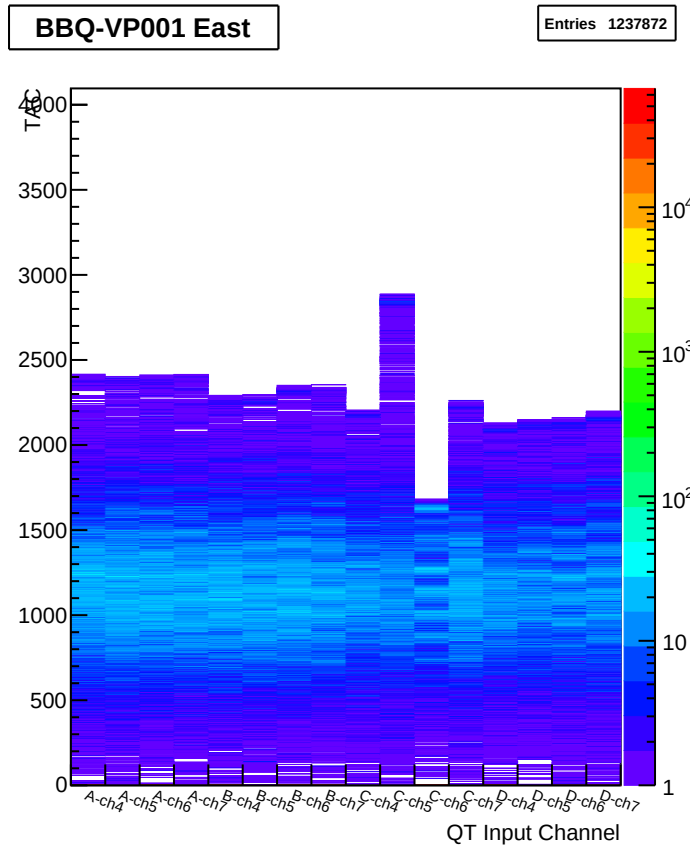

BBQ-BB002 (BBC west small tiles ADC)
Entries 1237872
ADC
QT Input Channel

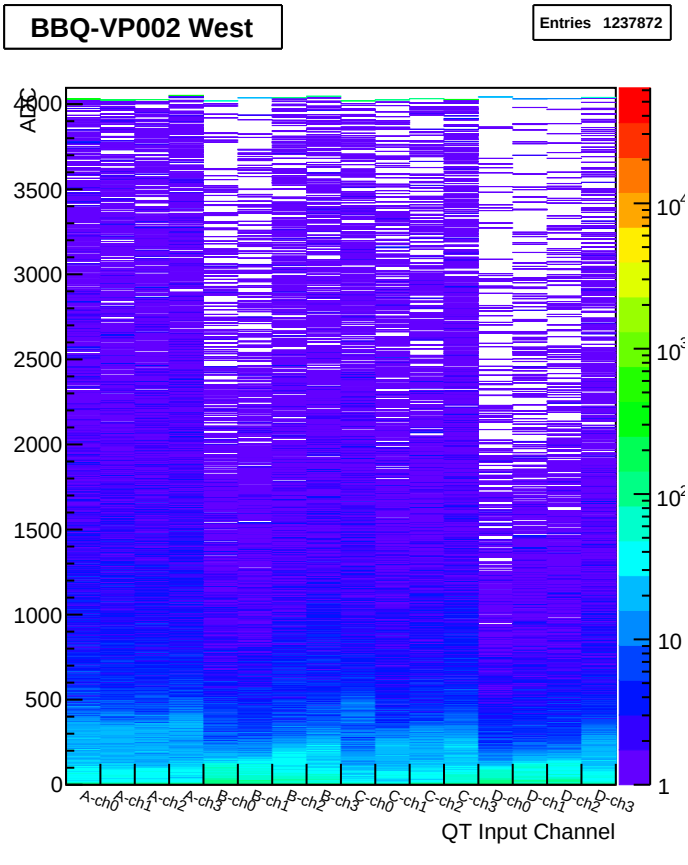

BBQ-BB002 (BBC west small tiles TAC)
Entries 1237872
TAC
QT Input Channel

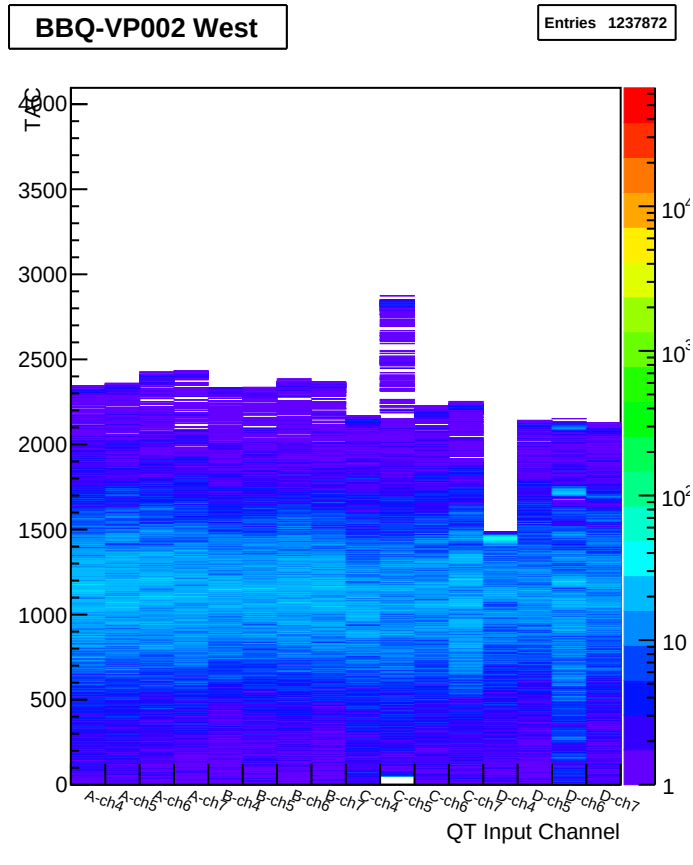

BBQ-ZD001 (ZDC TOWER)
Entries 1237872
ADC

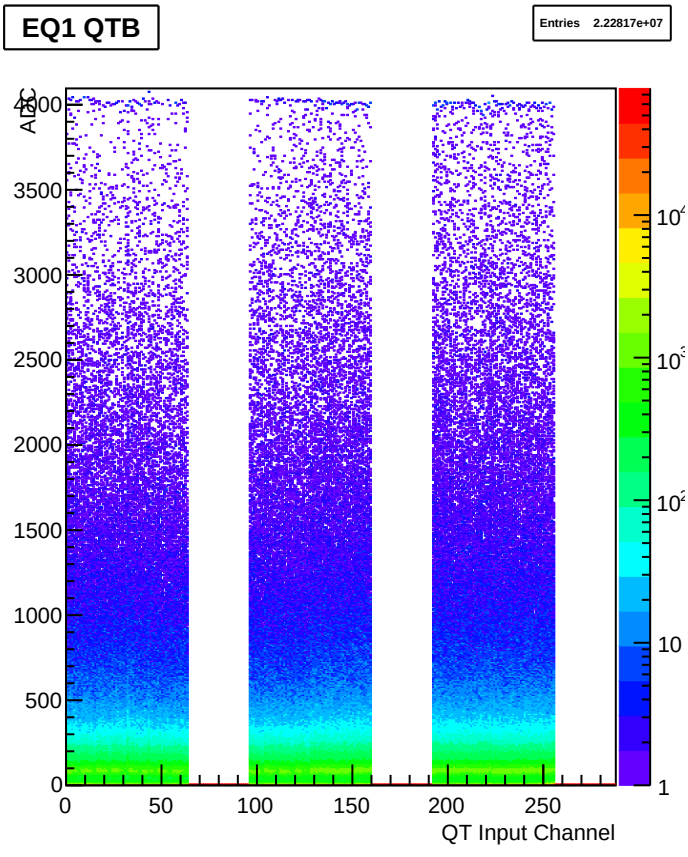

BBQ-ZD001 (ZDC TOWER)
Entries 1237872
TAC

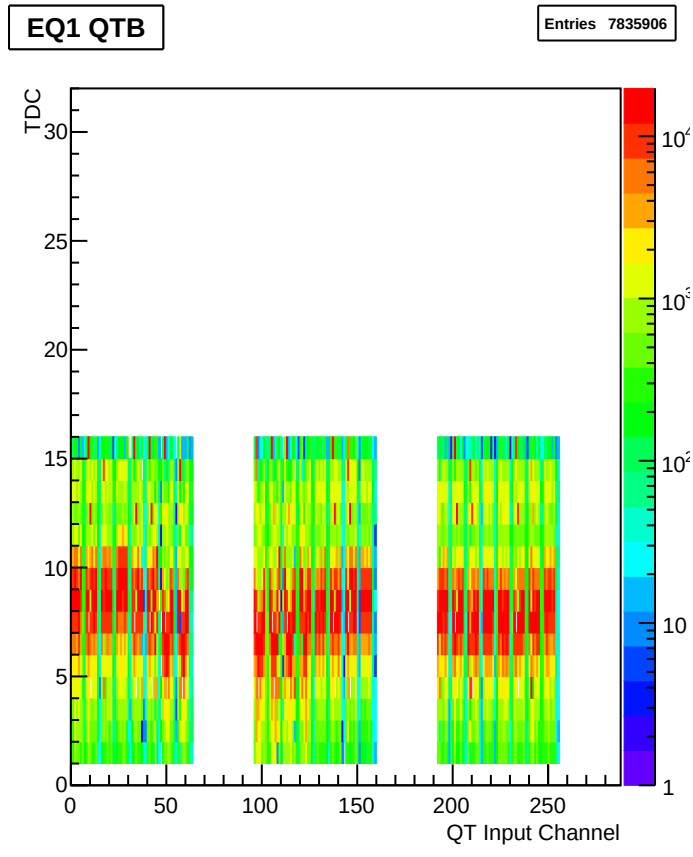

BBQ-VP001 East
Entries 1237872
ADC
QT Input Channel

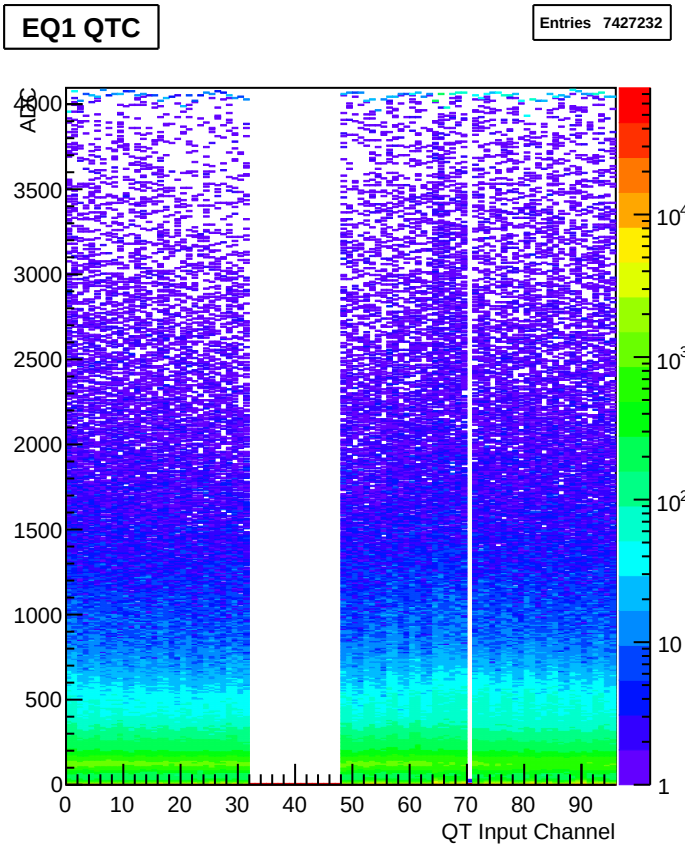

BBQ-VP001 East
Entries 1237872
ADC
QT Input Channel

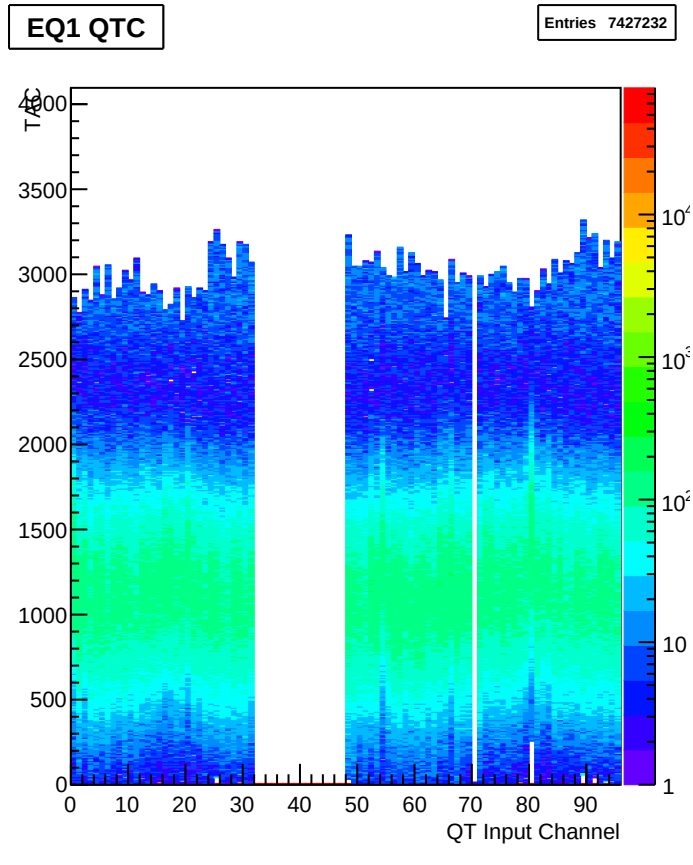

BBQ-VP002 West
Entries 1237872
ADC
QT Input Channel

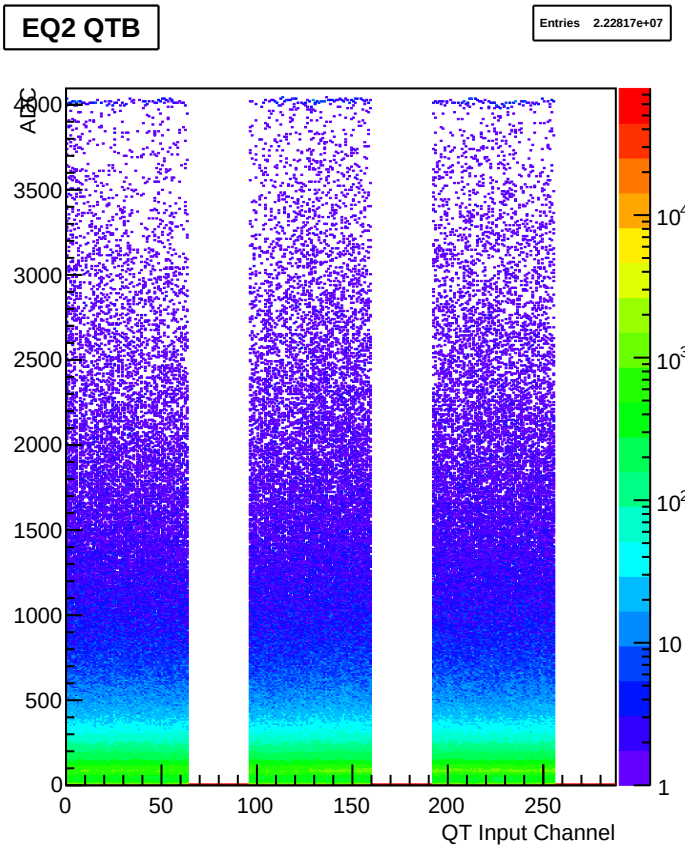

BBQ-VP002 West
Entries 1237872
ADC
QT Input Channel

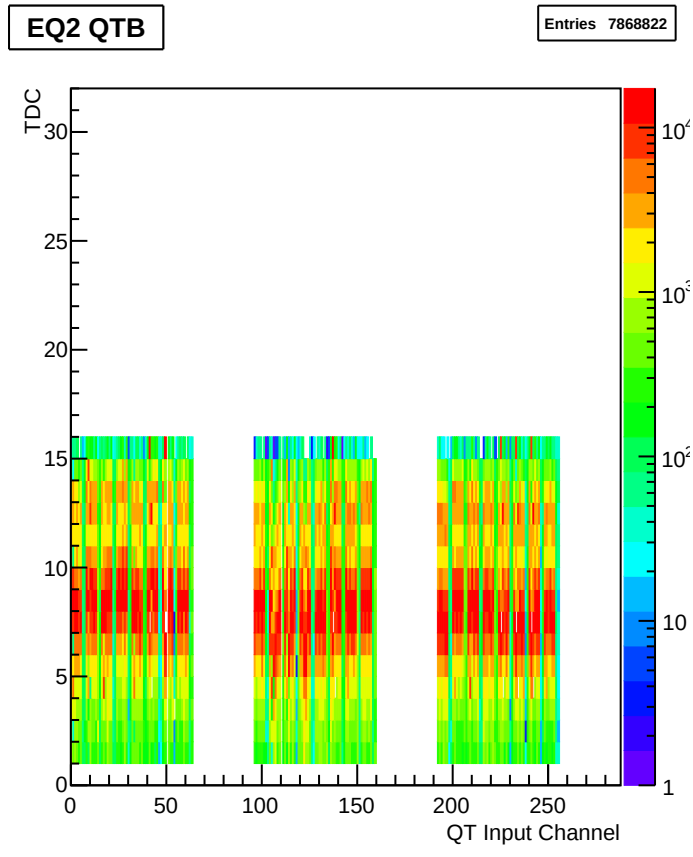

EQ1 QTB
Entries 2.22817e+07
ADC
QT Input Channel

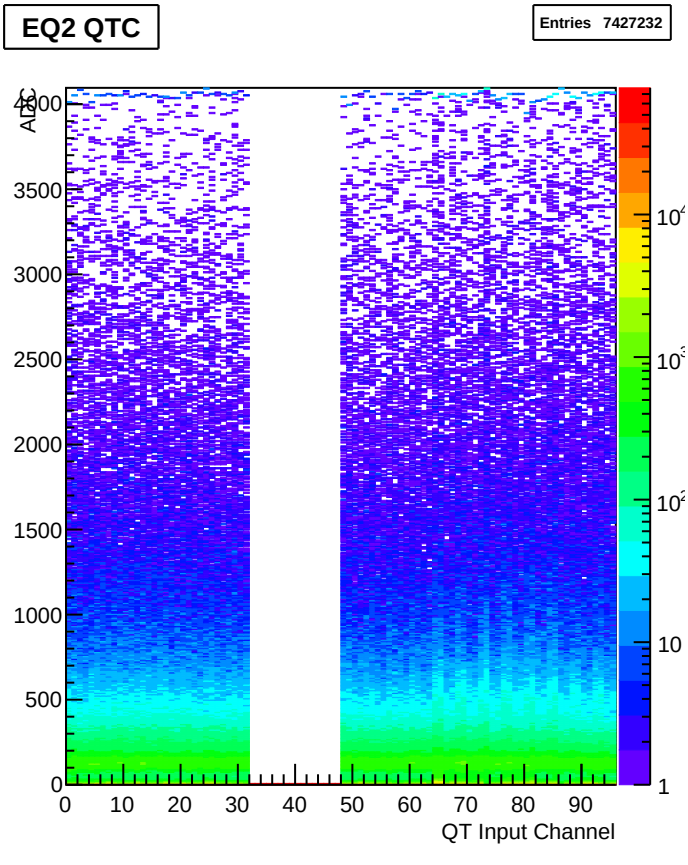

EQ1 QTB
Entries 7835906
TDC
QT Input Channel

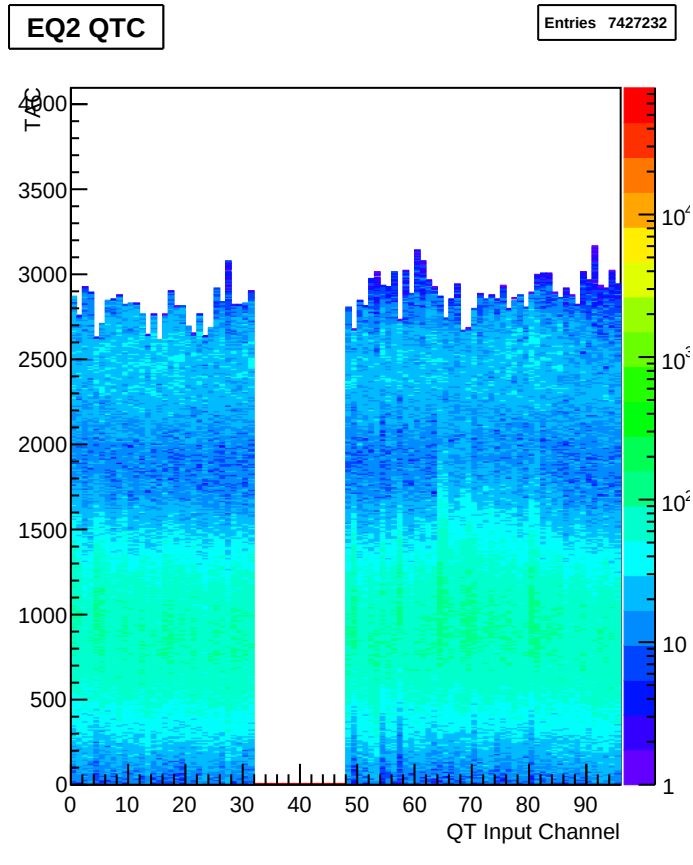

EQ1 QTC
Entries 7427232
ADC
QT Input Channel

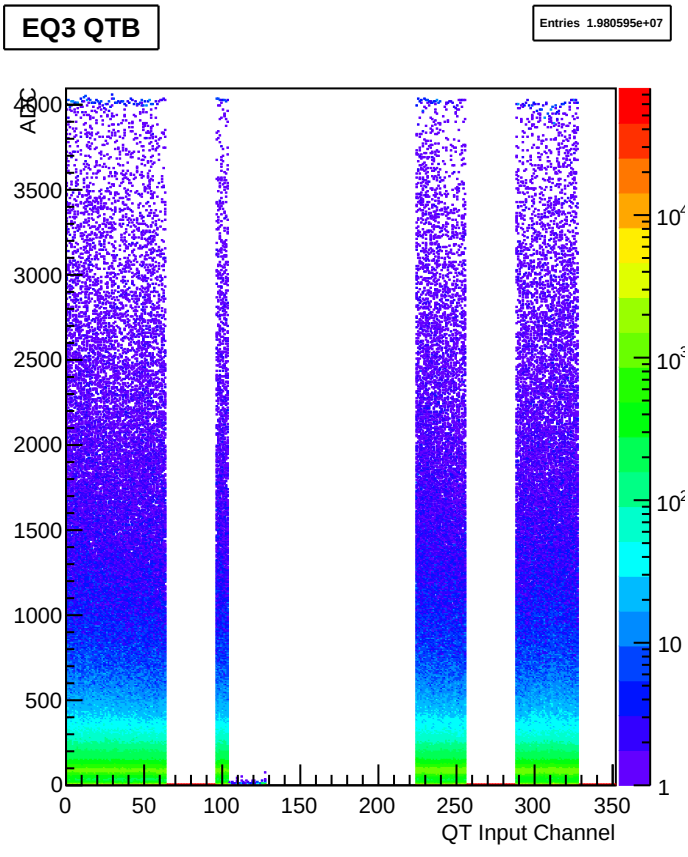

EQ1 QTC
Entries 7427232
TADC
QT Input Channel

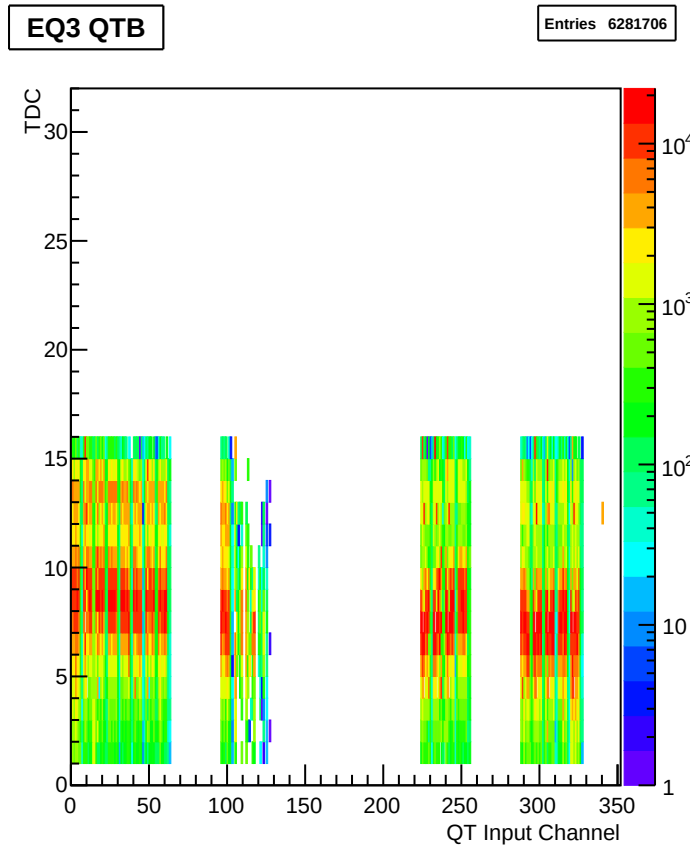

EQ2 QTB
Entries 2.22817e+07
ADC
QT Input Channel

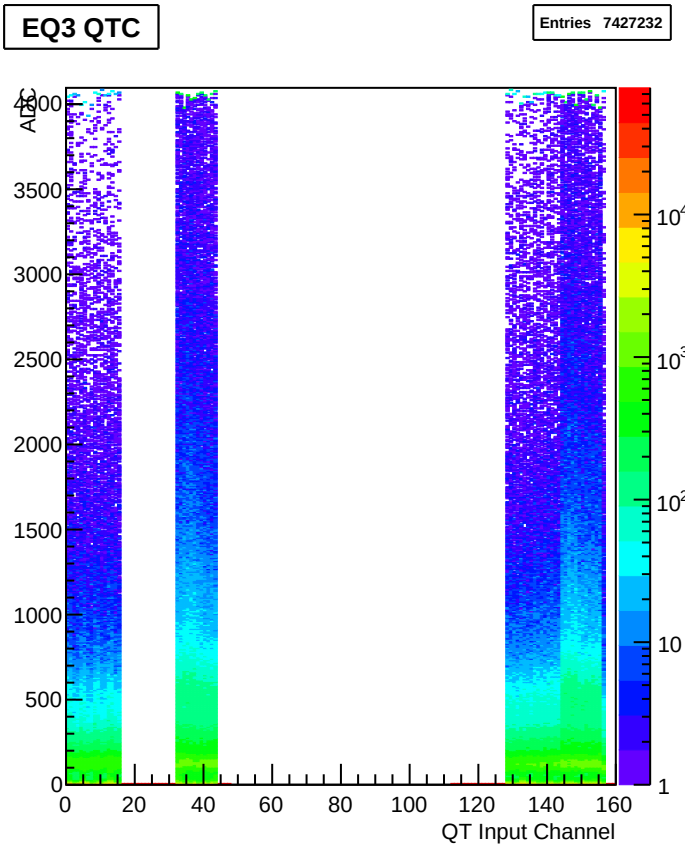

EQ2 QTB
Entries 7868822
TDC
QT Input Channel

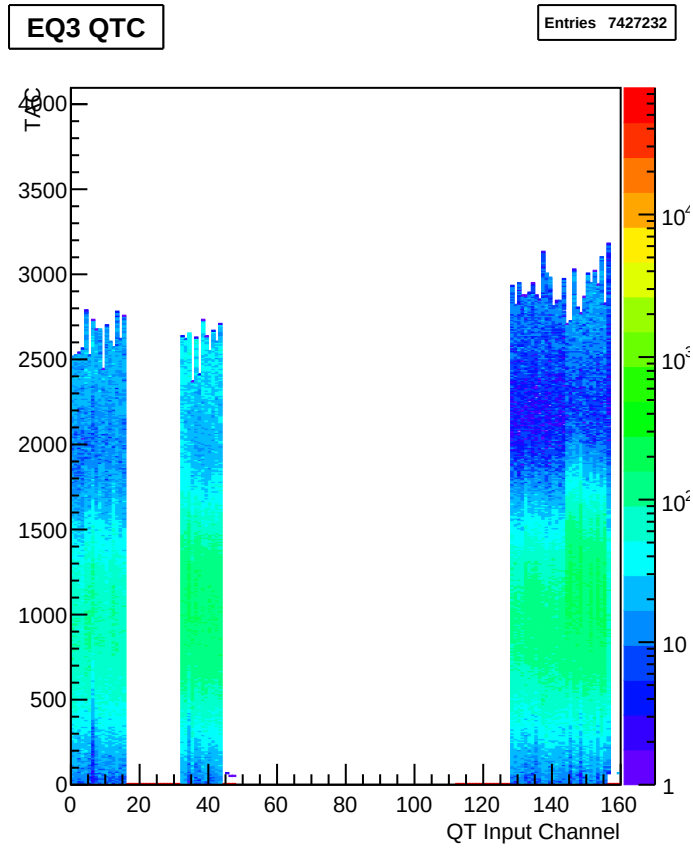

EQ2 QTC
Entries 7427232
ADC
QT Input Channel

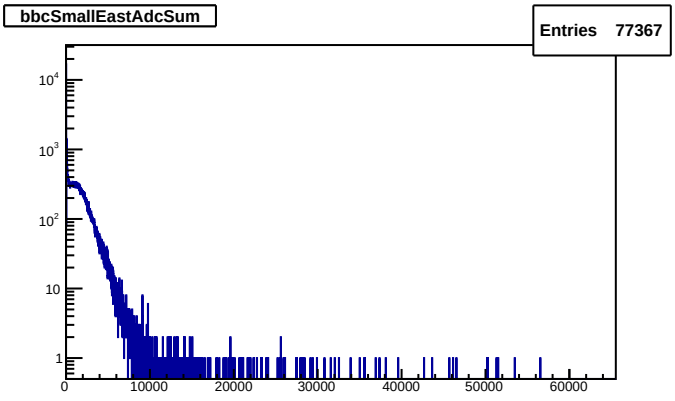

EQ2 QTC
Entries 7427232
TADC
QT Input Channel

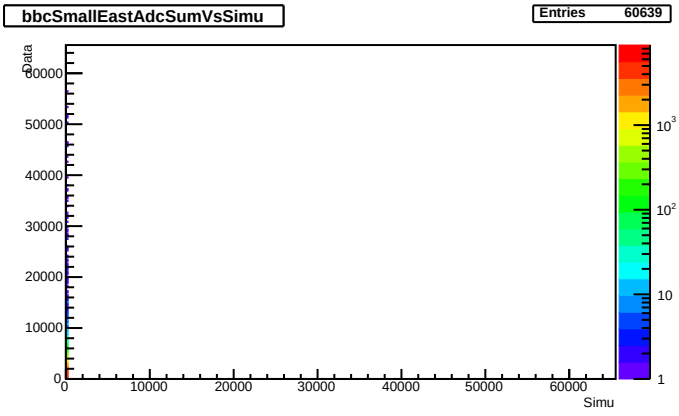

EQ3 QTB
Entries 1.980595e+07
ADC
QT Input Channel

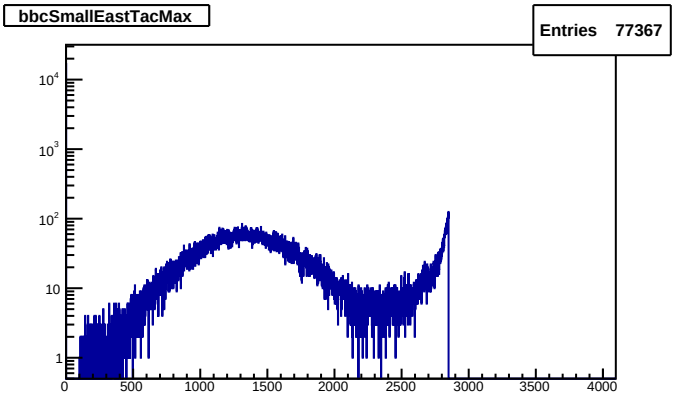

EQ3 QTB
Entries 6281706
TDC
QT Input Channel

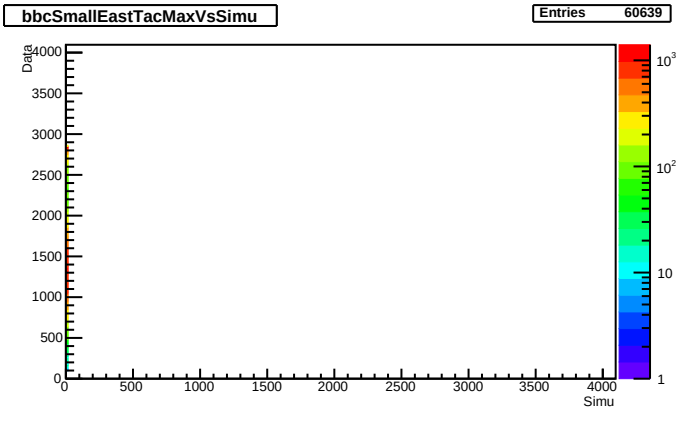

EQ3 QTC
Entries 7427232
ADC
QT Input Channel

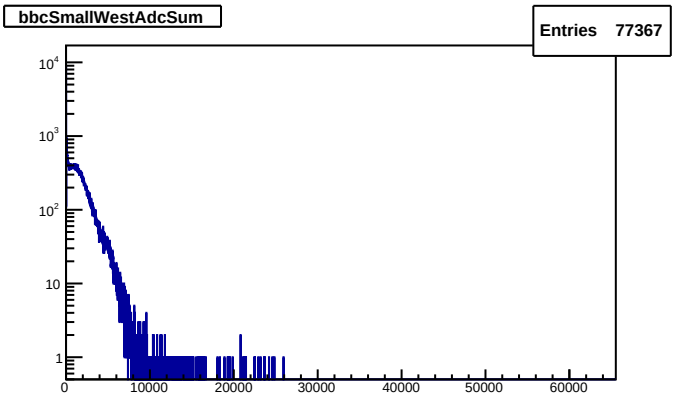

EQ3 QTC
Entries 7427232
TADC
QT Input Channel

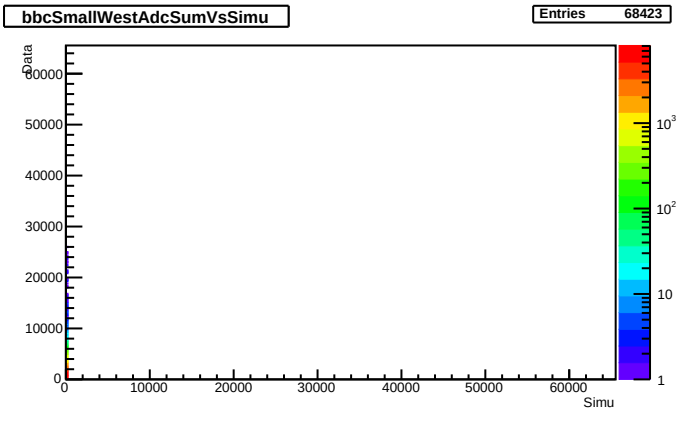

bbcSmallEastAdcSum
Entries 77367

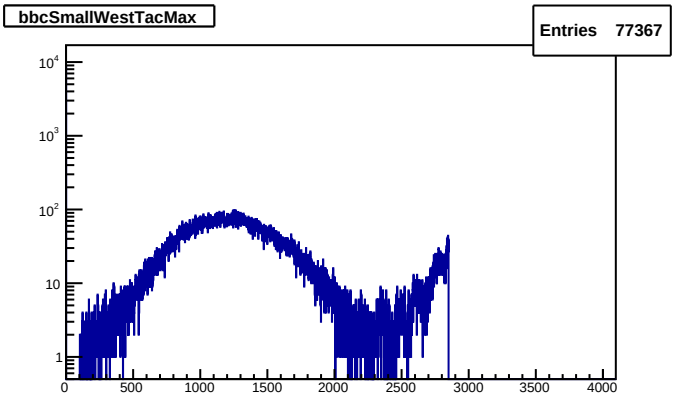

bbcSmallEastAdcSumVsSimu
Entries 60639
Data
Simu

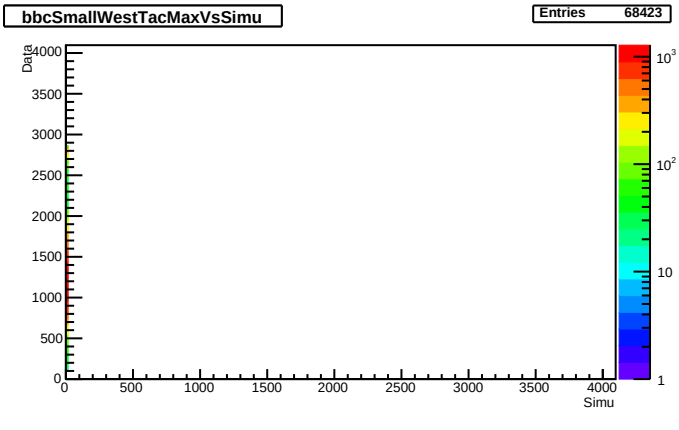

bbcSmallEastTacMax
Entries 77367

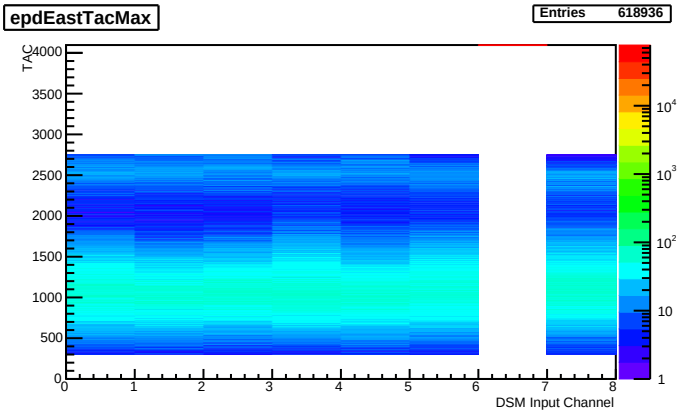

bbcSmallEastTacMaxVsSimu
Entries 60639
Data
Simu

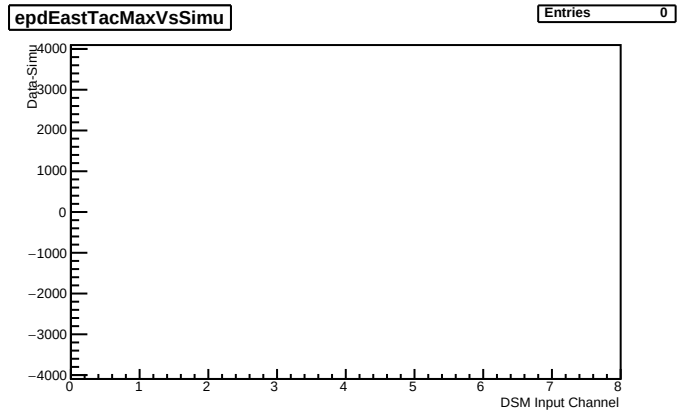

bbcSmallWestAdcSum
Entries 77367

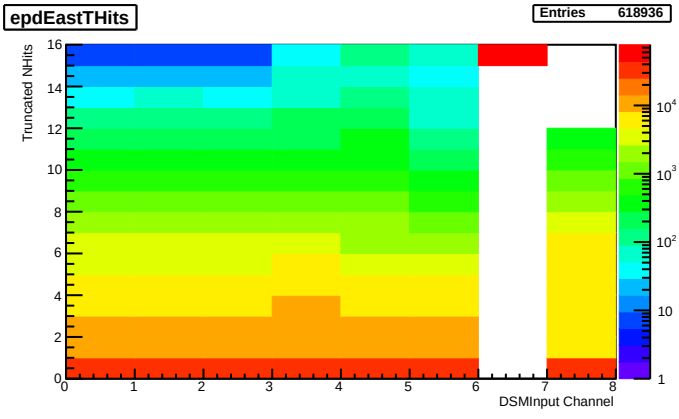

bbcSmallWestAdcSumVsSimu
Entries 68423
Data
Simu

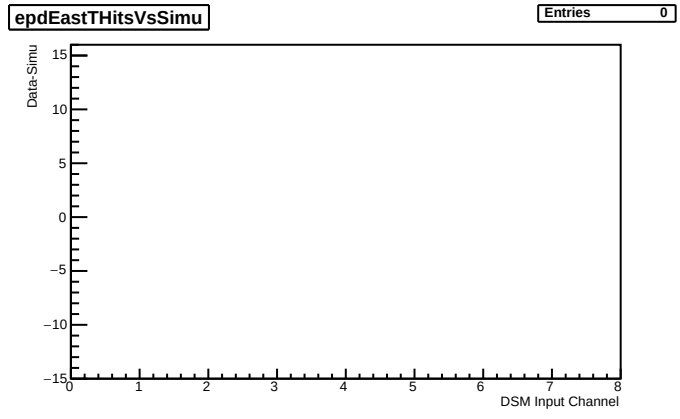

bbcSmallWestTacMax
Entries 77367

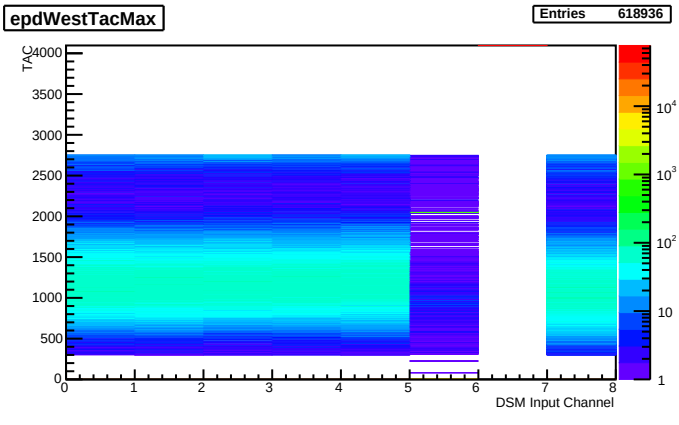

bbcSmallWestTacMaxVsSimu
Entries 68423
Data
Simu

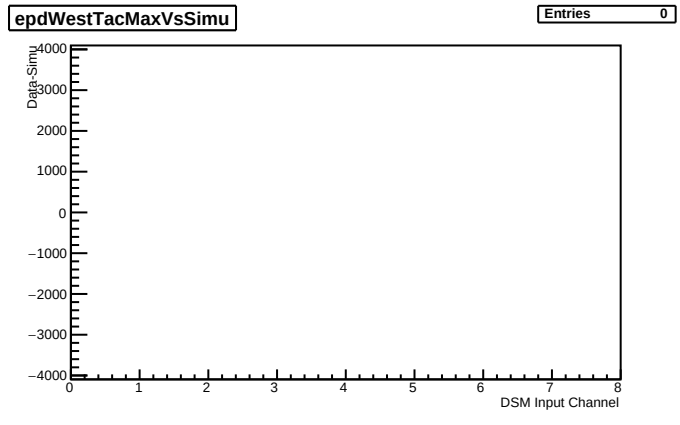

epdEastTacMax
Entries 618936
TAC
DSM Input Channel

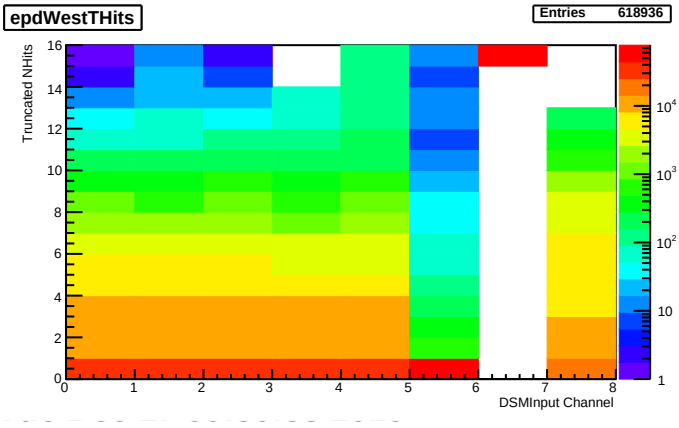

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

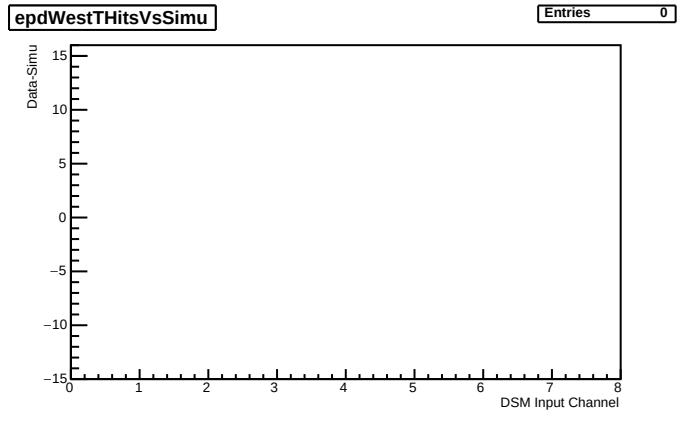

epdEastTHits
Entries 618936
Truncated NHits
DSMInput Channel

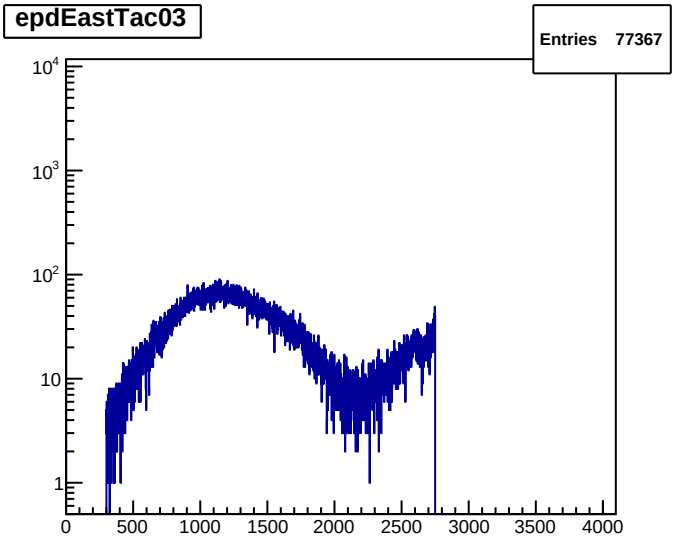

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

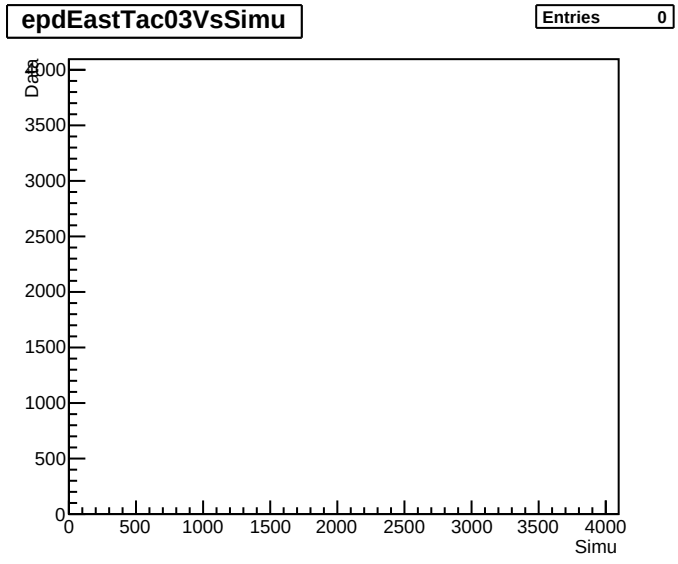

epdWestTacMax
Entries 618936
TAC
DSM Input Channel

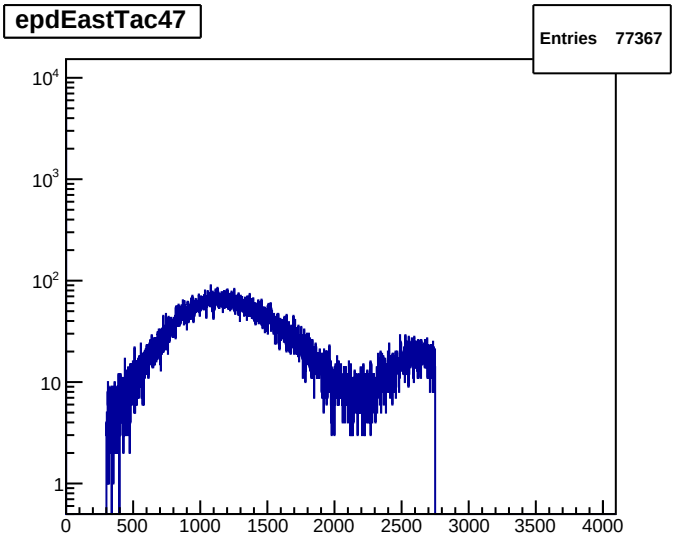

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

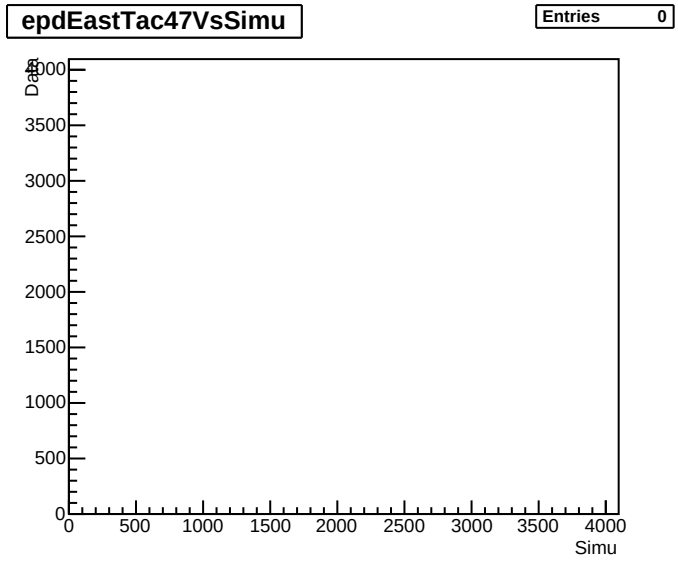

epdWestTHits
Entries 618936
Truncated NHits
DSMInput Channel

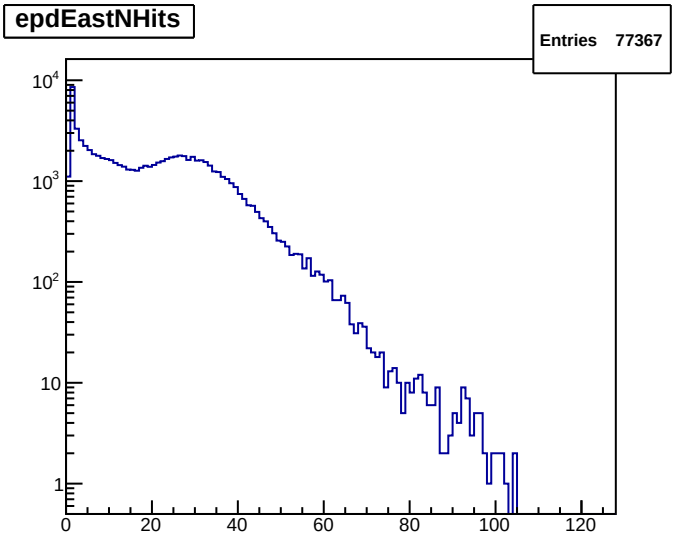

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

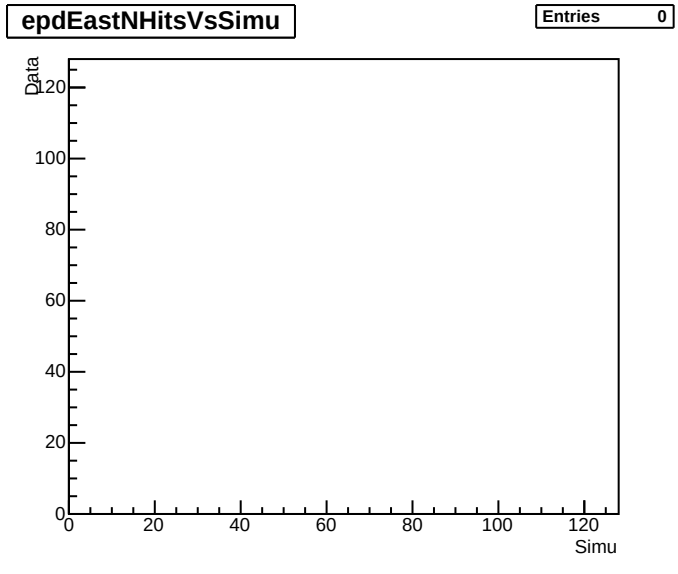

epdEastTac03
Entries 77367


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 77367


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 77367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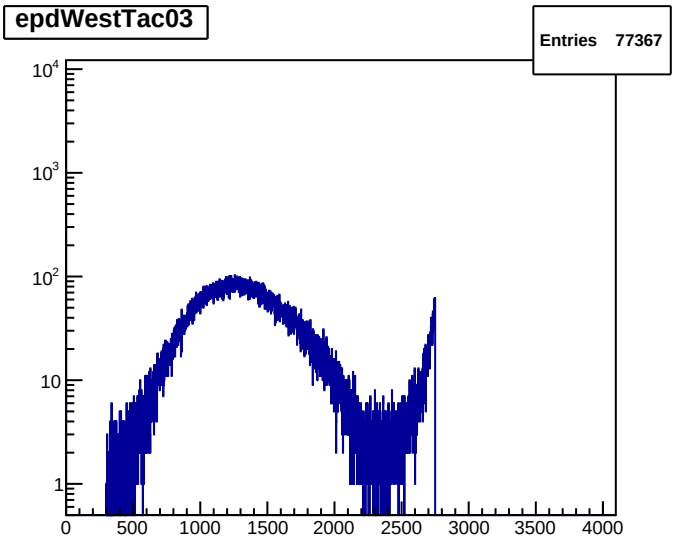
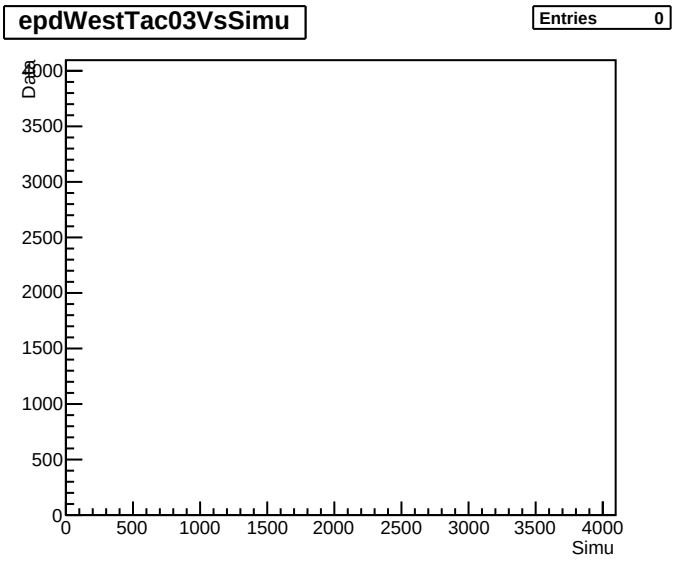
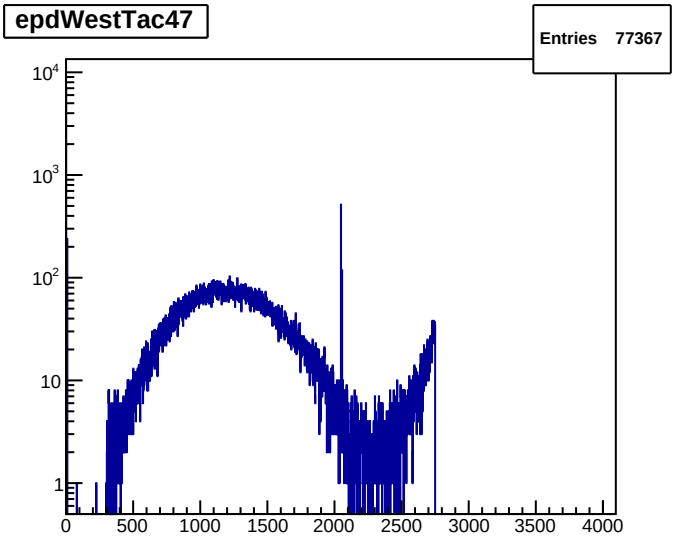
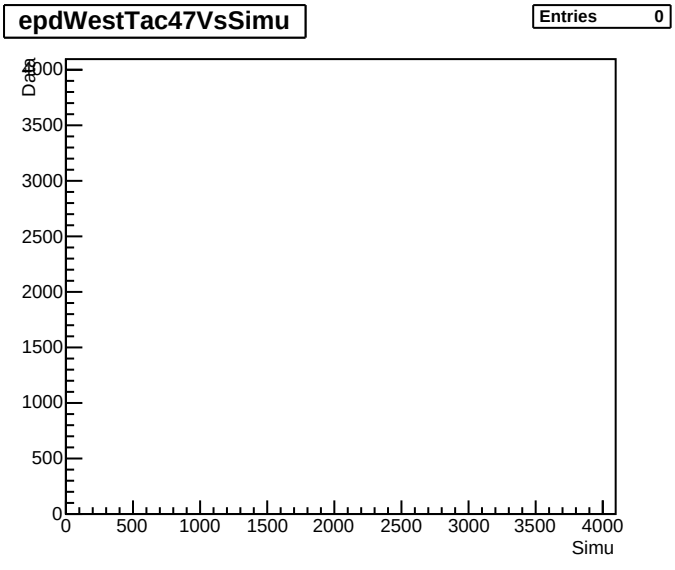
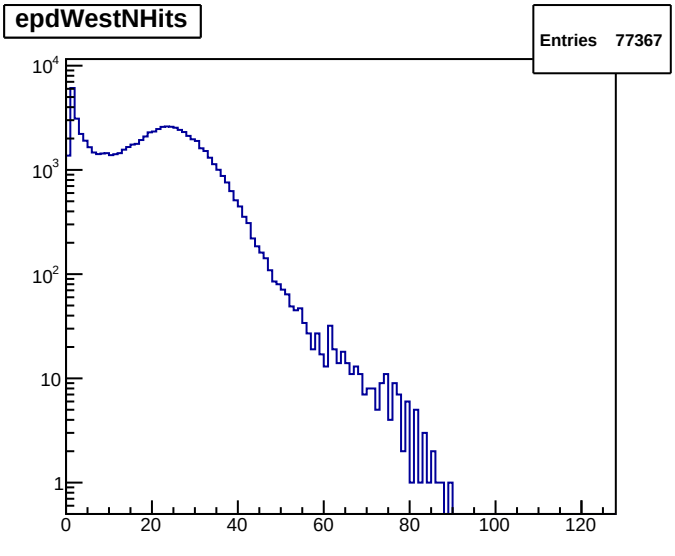
Entries 0
Data
Simu

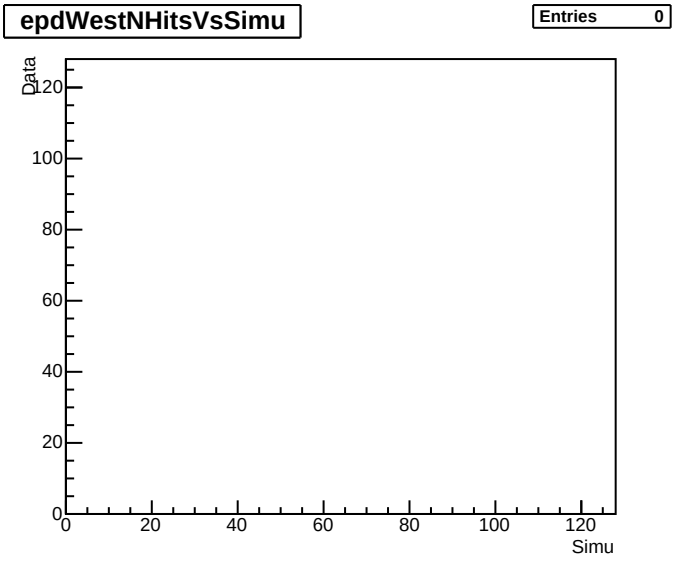

epdWestTac03
Entries 77367

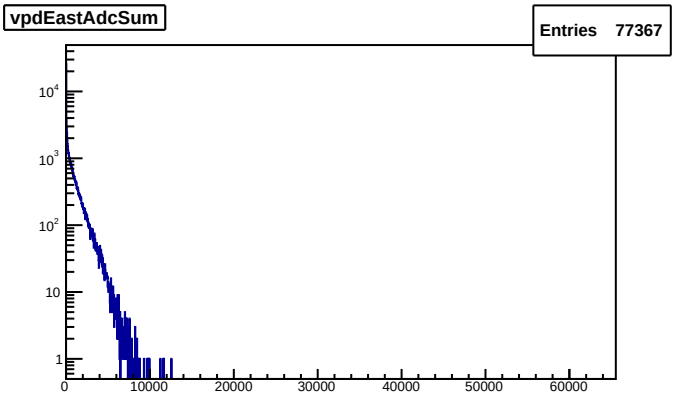

epdWestTac03VsSimu
Entries 0
Data
Simu

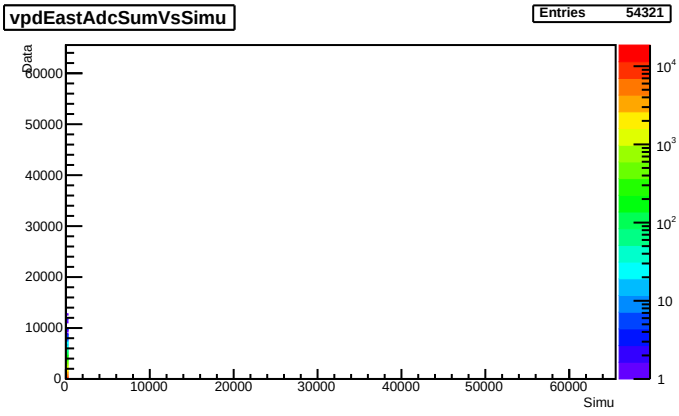

epdWestTac47
Entries 77367

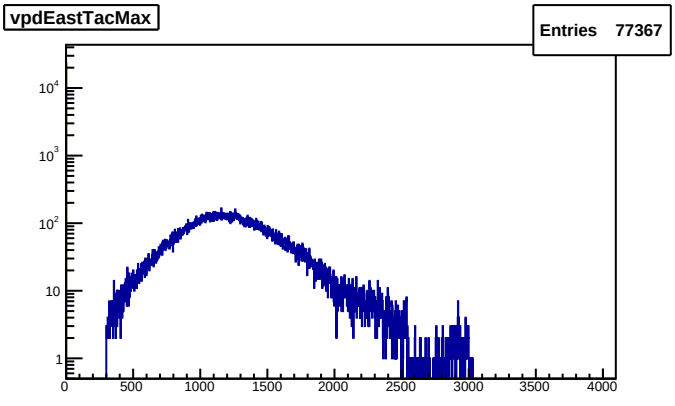

epdWestTac47VsSimu
Entries 0
Data
Simu

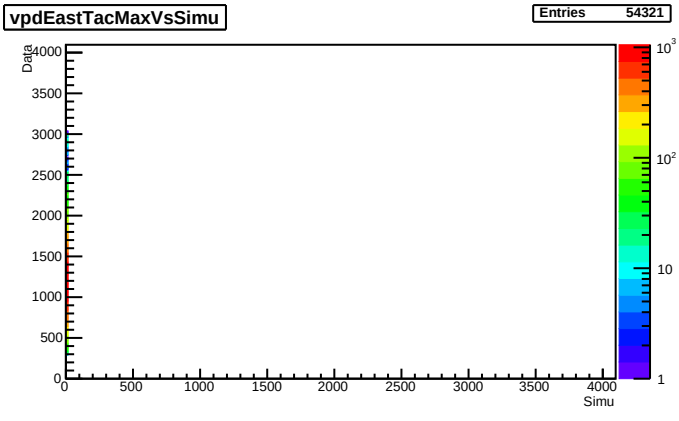

epdWestNHits
Entries 77367

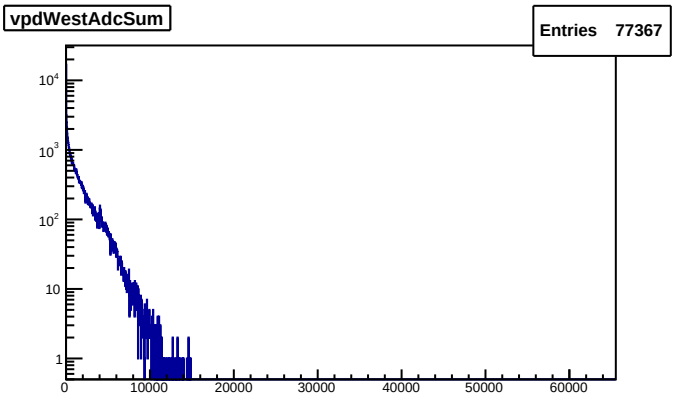

epdWestNHitsVsSimu
Entries 0
Data
Simu

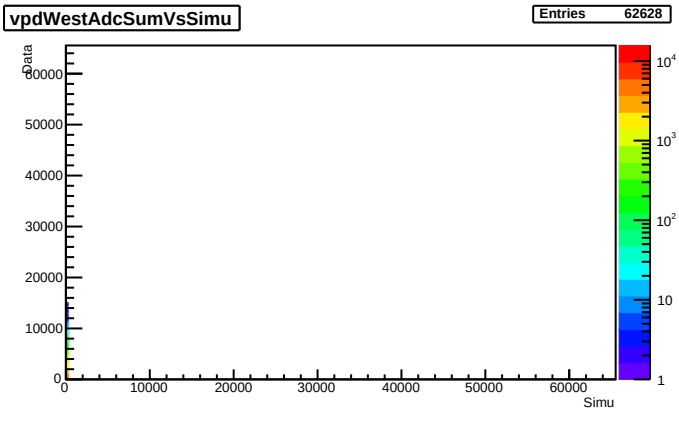

vpdEastAdcSum
Entries 77367

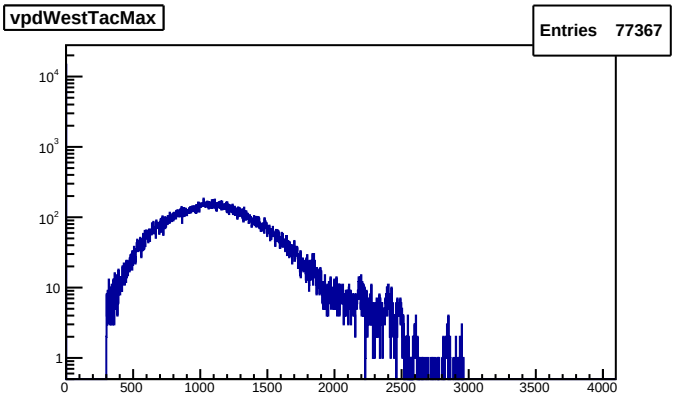

vpdEastAdcSumVsSimu
Entries 54321
Data
Simu

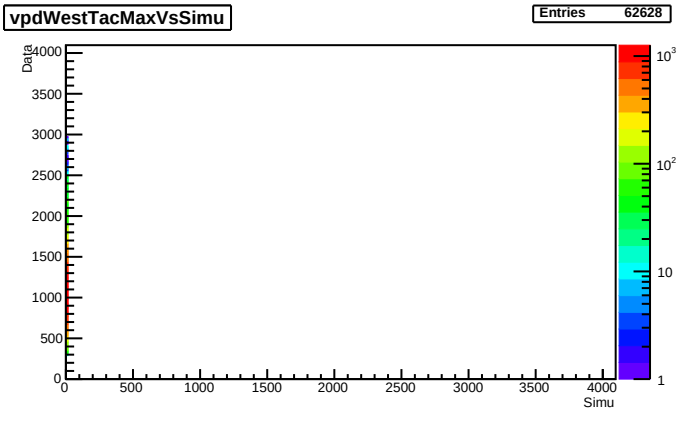

vpdEastTacMax
Entries 77367

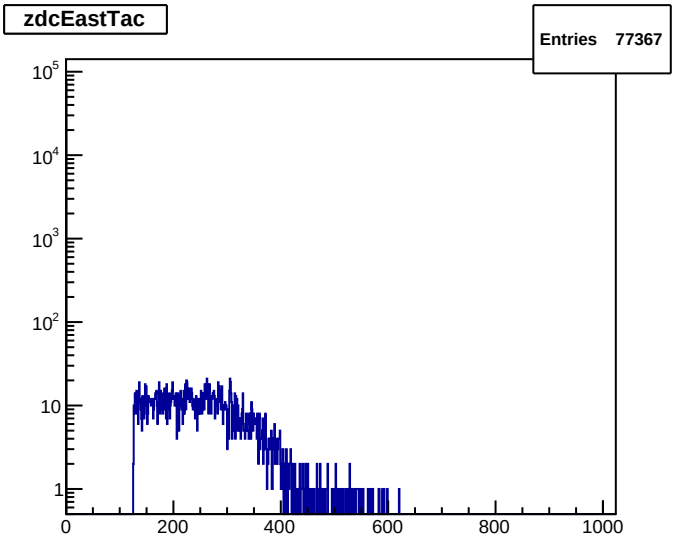

vpdEastTacMaxVsSimu
Entries 54321
Data
Simu

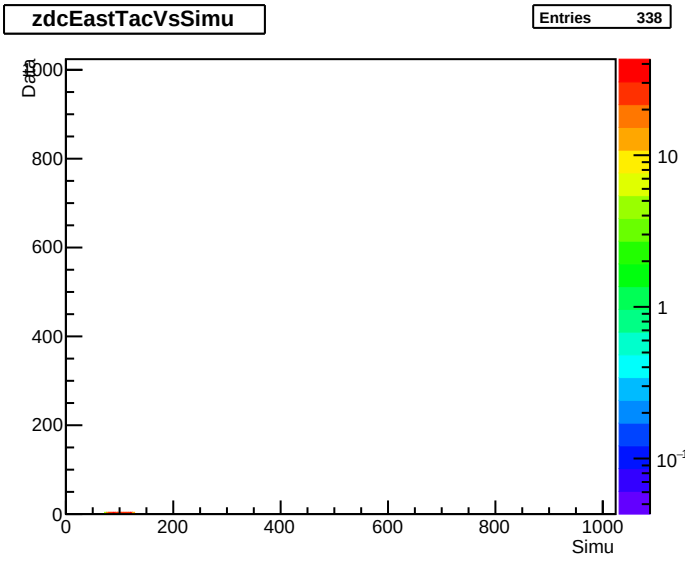

vpdWestAdcSum
Entries 77367

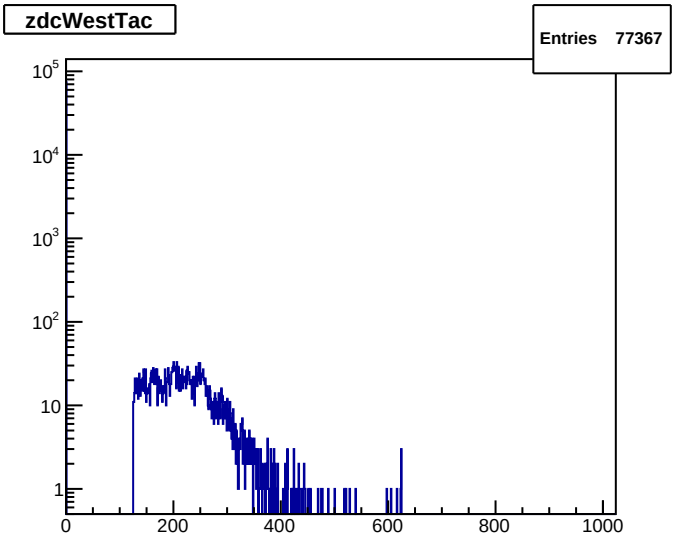

vpdWestAdcSumVsSimu
Entries 62628
Data
Simu

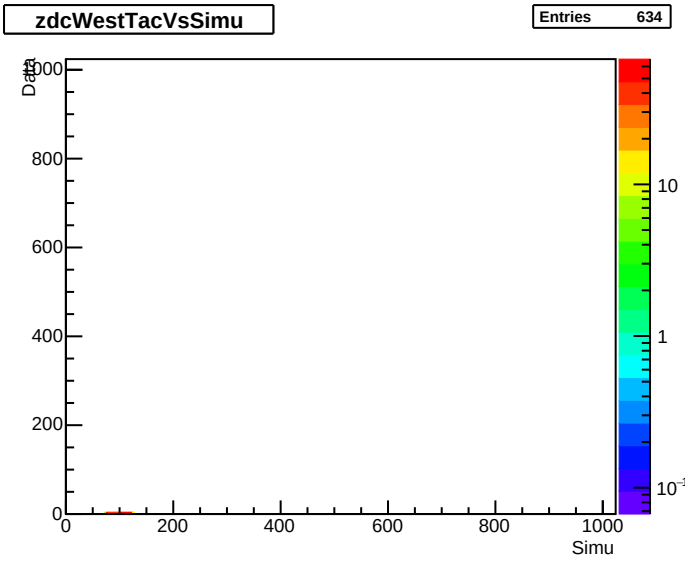

vpdWestTacMax
Entries 77367

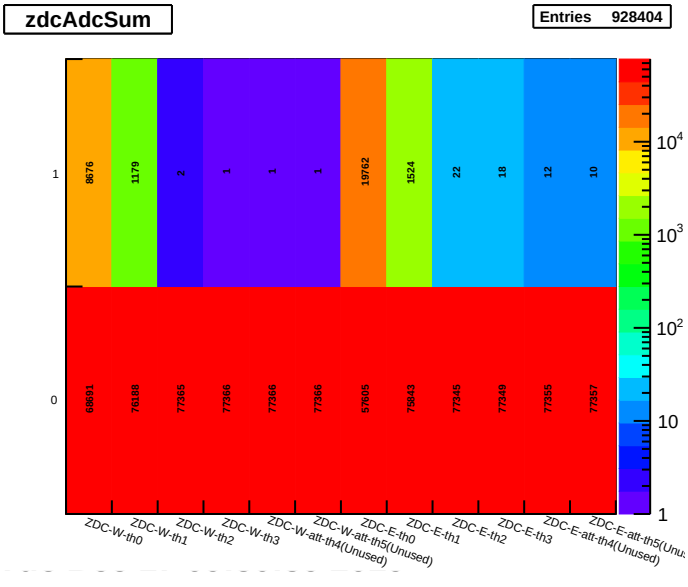

vpdWestTacMaxVsSimu
Entries 62628
Data
Simu

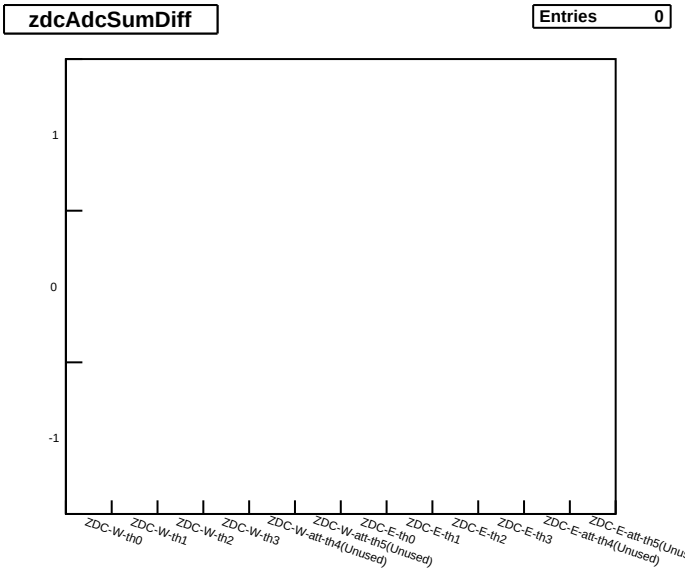

zdcEastTac
Entries 77367

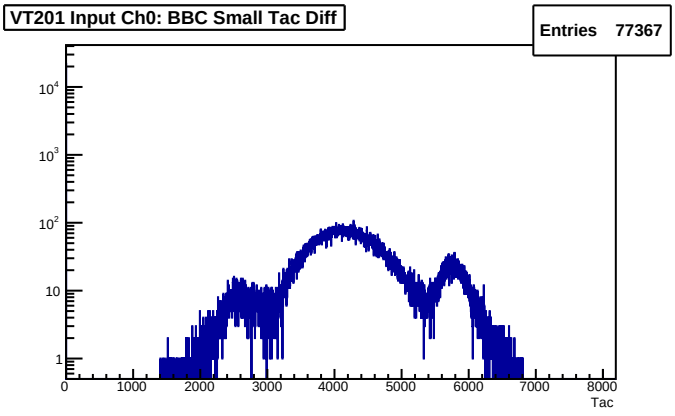

zdcEastTacVsSimu
Entries 338
Data
Simu

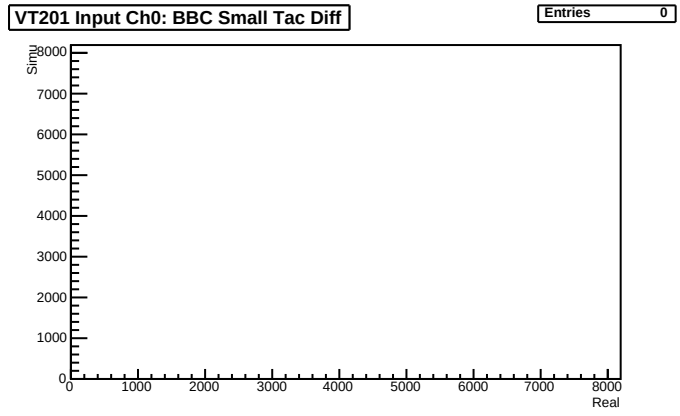

zdcWestTac
Entries 77367

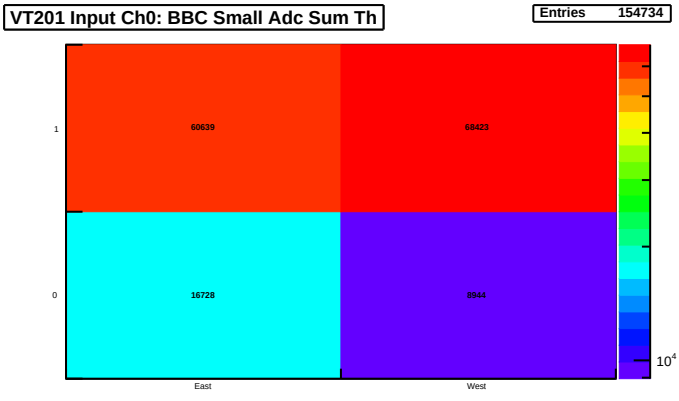

zdcWestTacVsSimu
Entries 634
Data
Simu

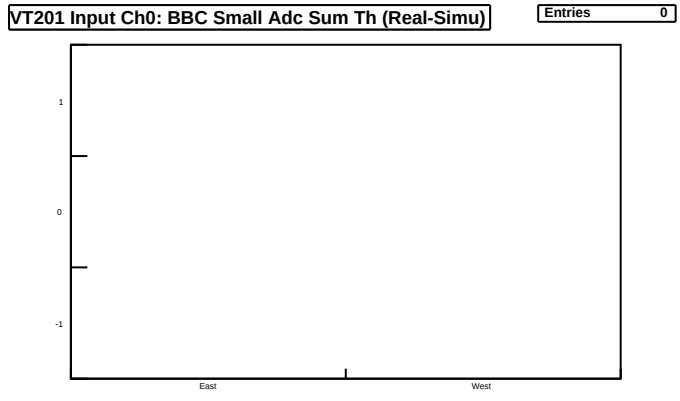

zdcAdcSum
Entries 928404
8676
1179
2
1
1
1
19762
1524
22
18
12
10
68691
76188
77365
77366
77366
77366
57605
78843
77345
77349
77355
77357
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

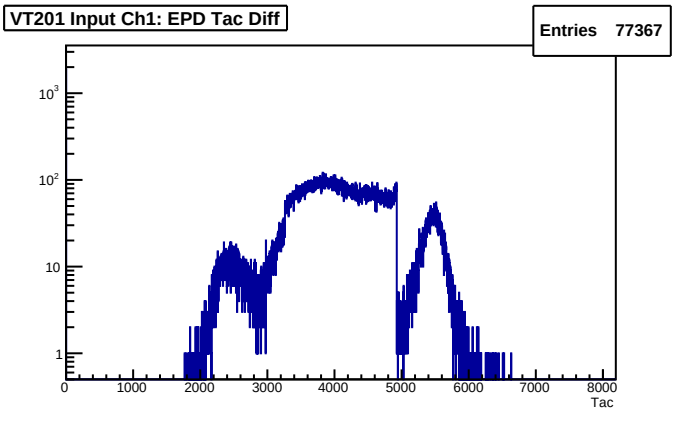

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

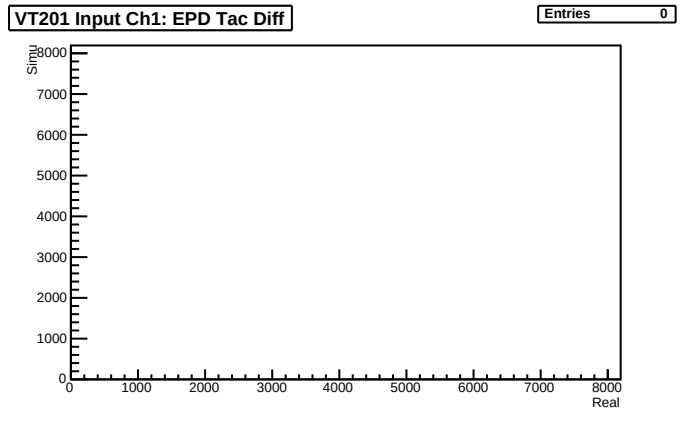

VT201 Input Ch0: BBC Small Tac Diff
Entries 77367
Tac

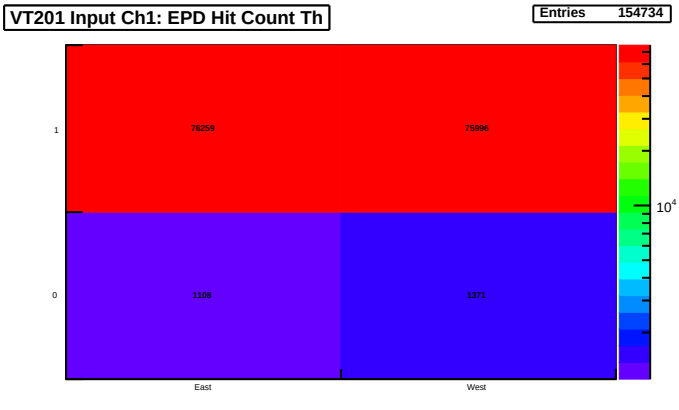

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

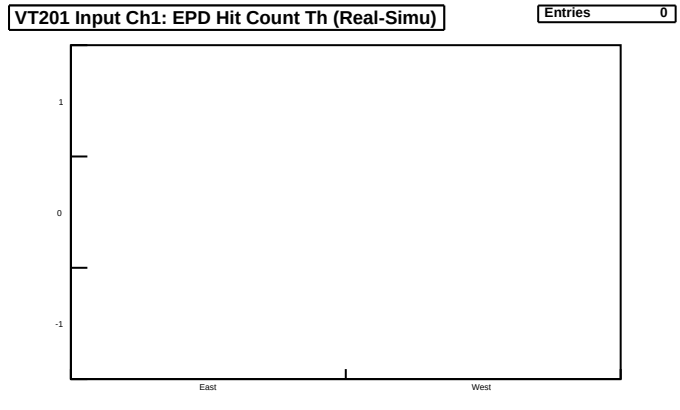

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 154734
60639
68423
16728
8944
East
West

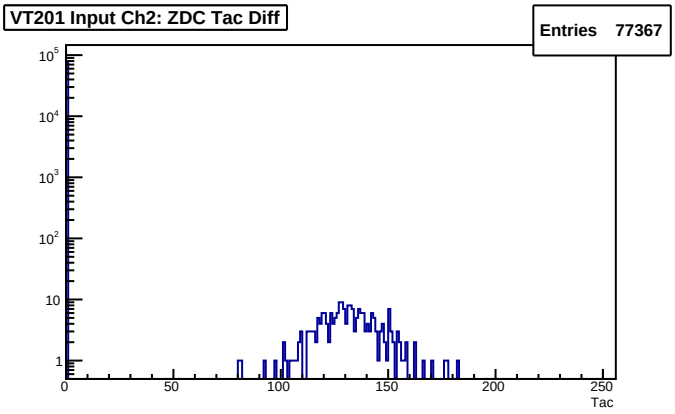

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

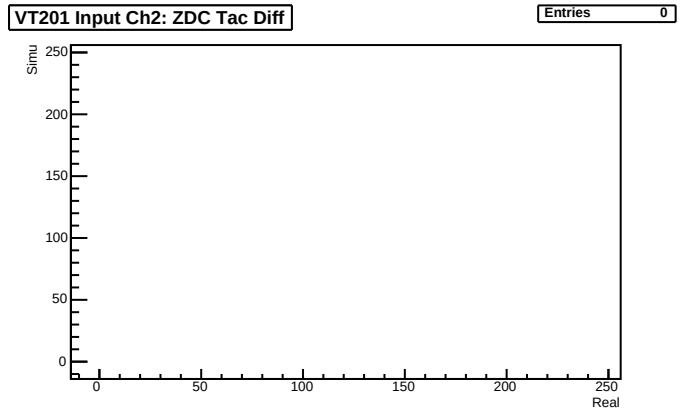

VT201 Input Ch1: EPD Tac Diff
Entries 77367
Tac

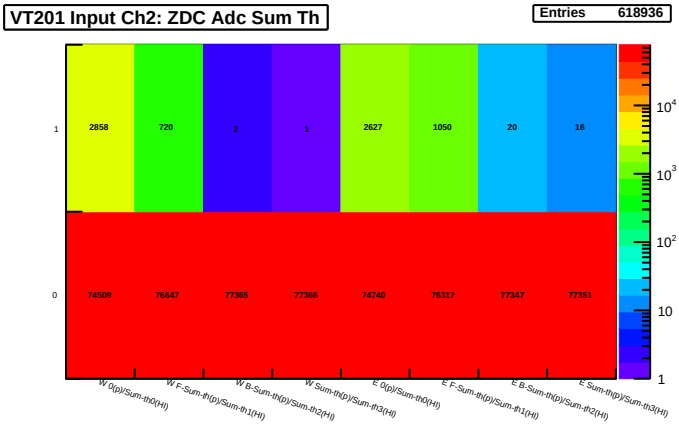

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

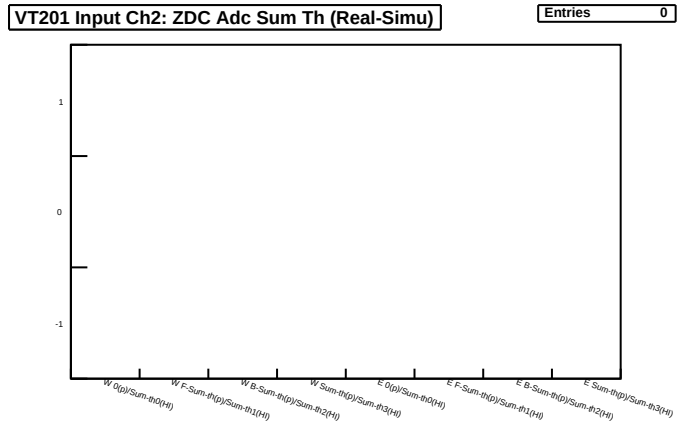

VT201 Input Ch1: EPD Hit Count Th
Entries 154734
76259
75996
1108
1371
East
West

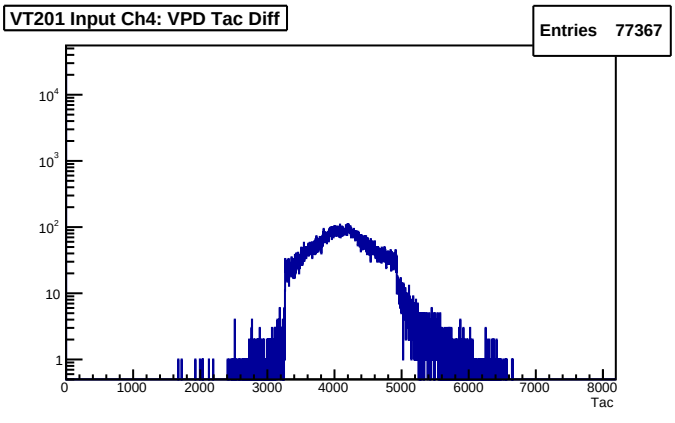

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

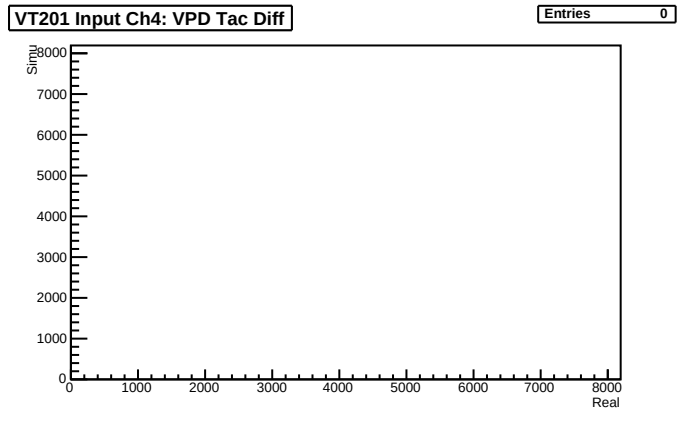

VT201 Input Ch2: ZDC Tac Diff
Entries 77367
Tac

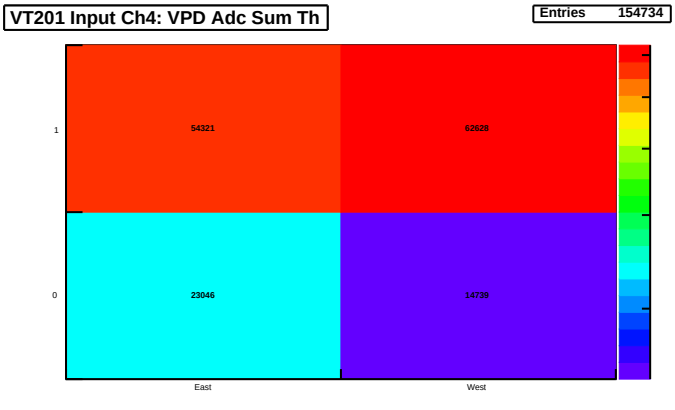

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

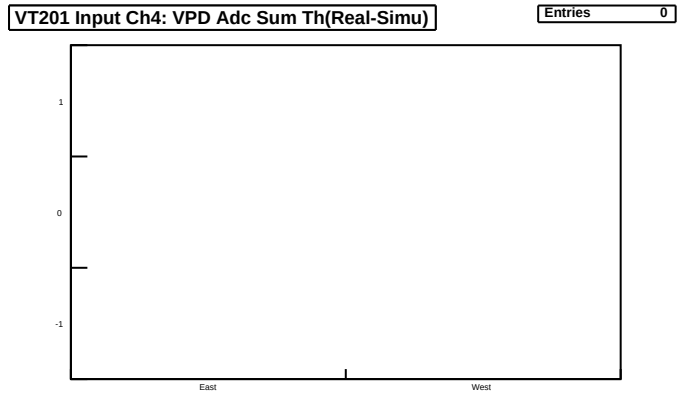

VT201 Input Ch2: ZDC Adc Sum Th
Entries 618936
2858
720
2
1
2627
1050
20
16
74509
76647
77365
77366
74740
76317
77347
77351
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

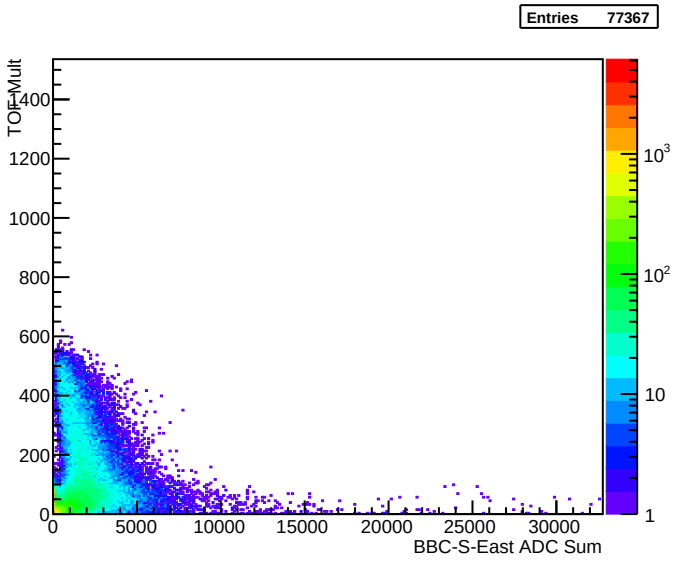

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

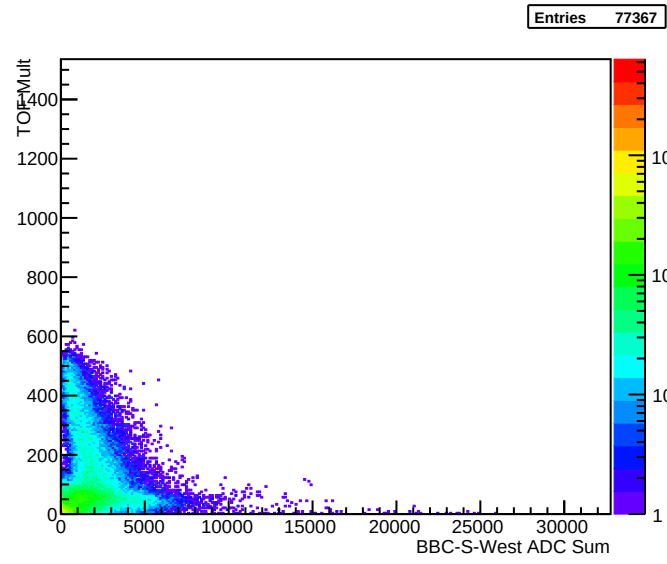

VT201 Input Ch4: VPD Tac Diff
Entries 77367
Tac

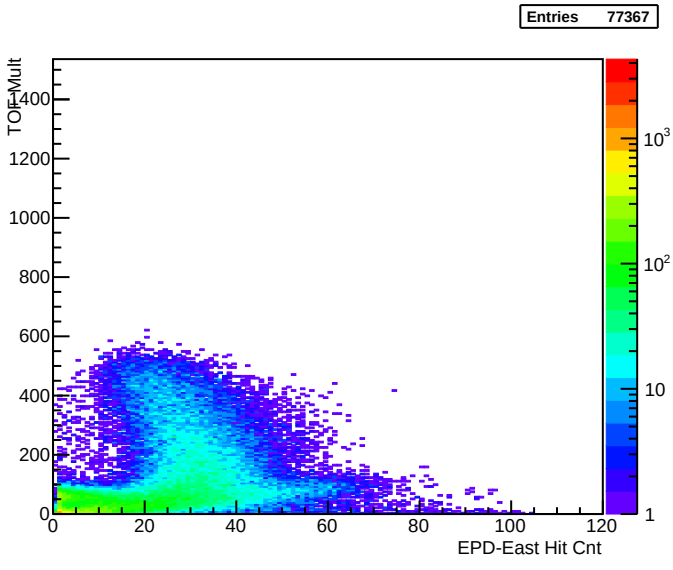

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

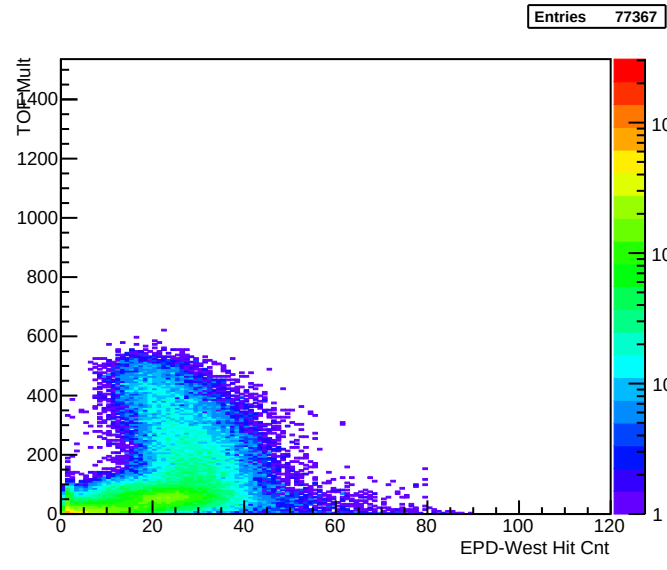

VT201 Input Ch4: VPD Adc Sum Th
Entries 154734
54321
62628
23046
14739
East
West

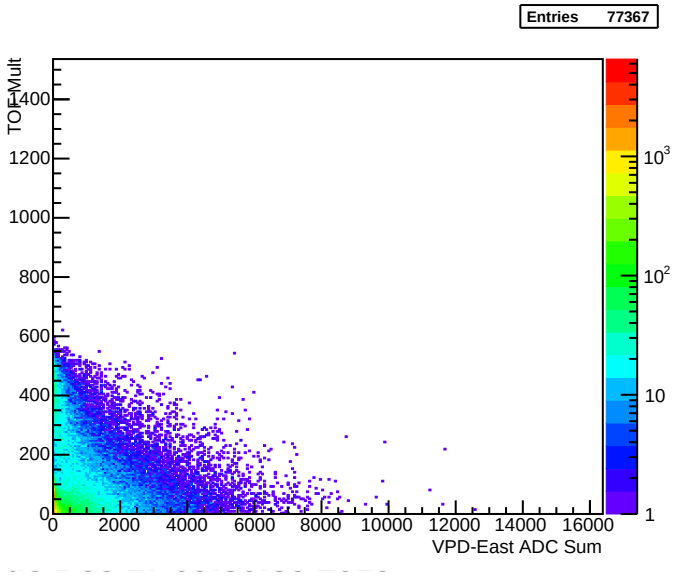

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

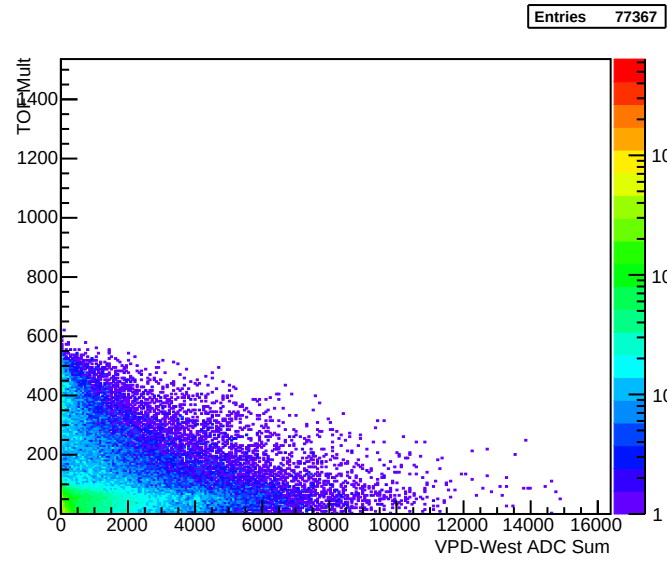

Entries 77367
TOF-Mult
BBC-S-East ADC Sum

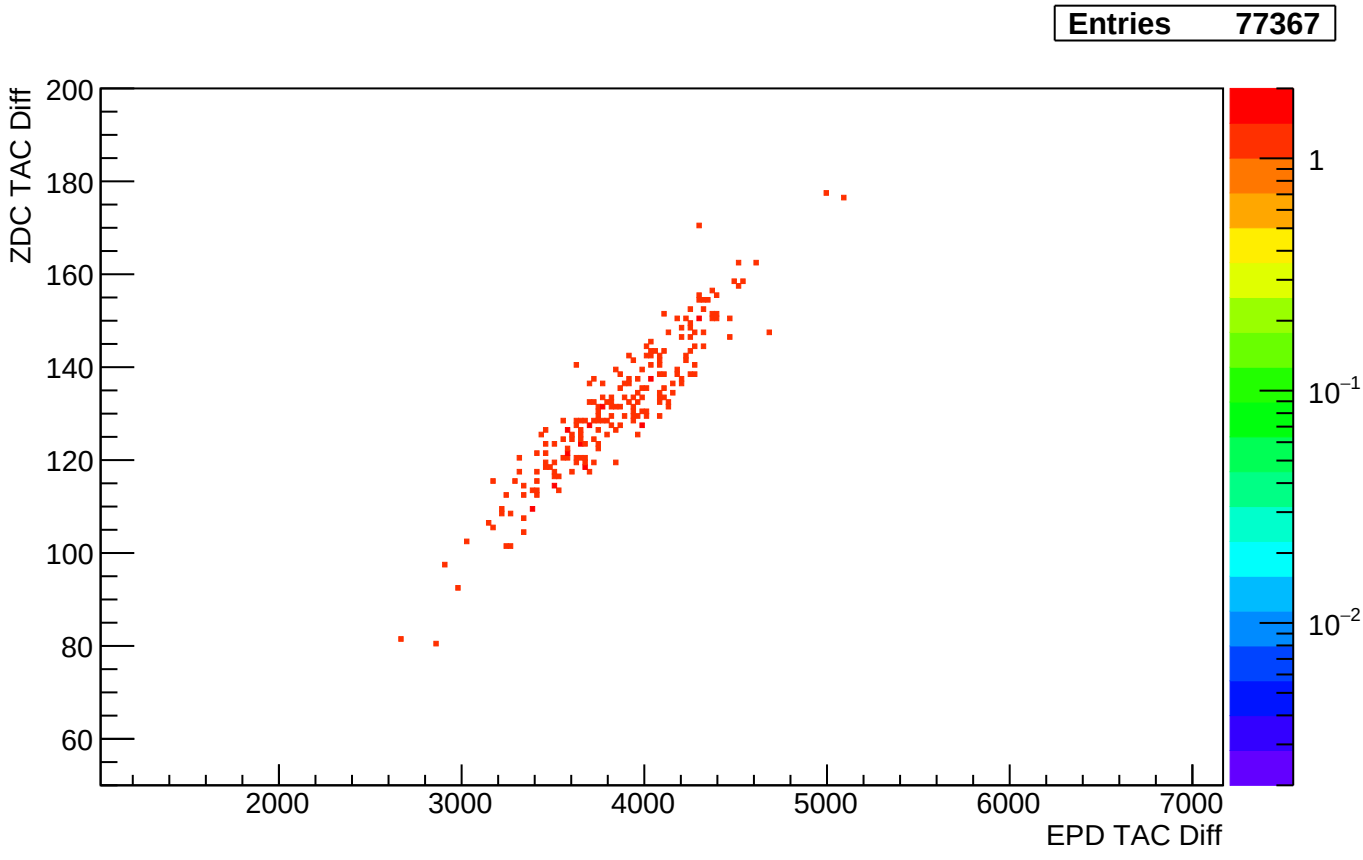

Entries 77367
TOF-Mult
BBC-S-West ADC Sum

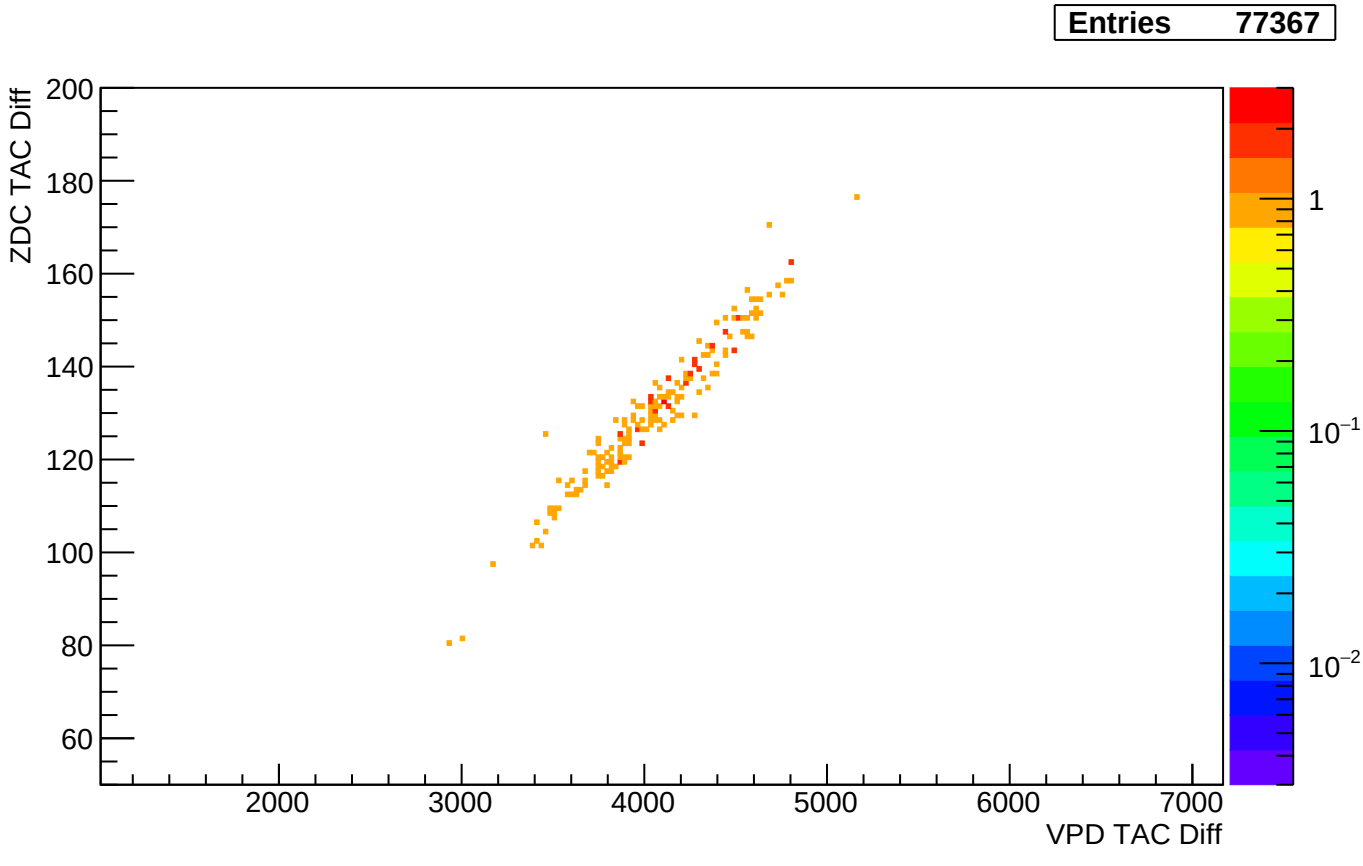

Entries 77367
TOF-Mult
EPD-East Hit Cnt

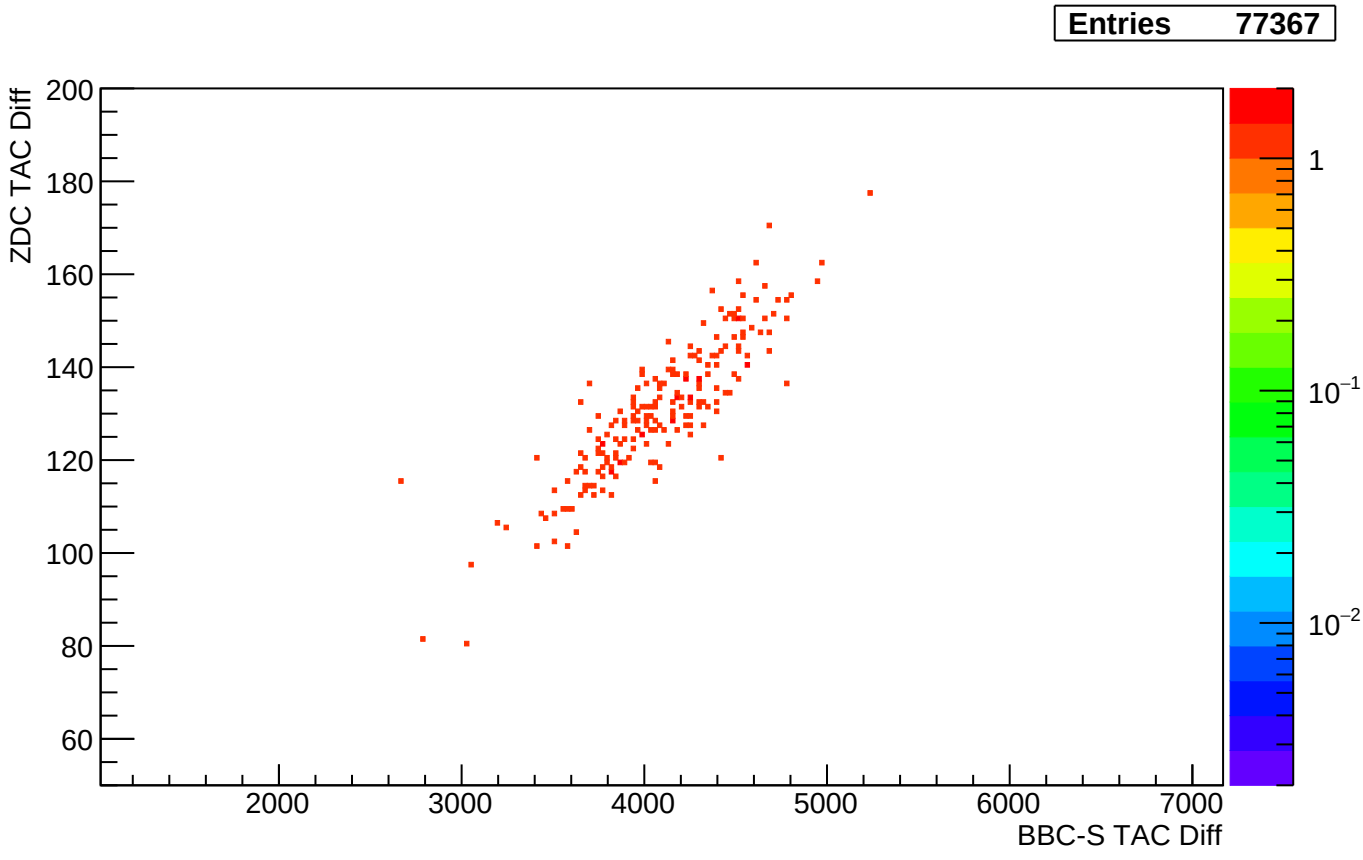

Entries 77367
TOF-Mult
EPD-West Hit Cnt

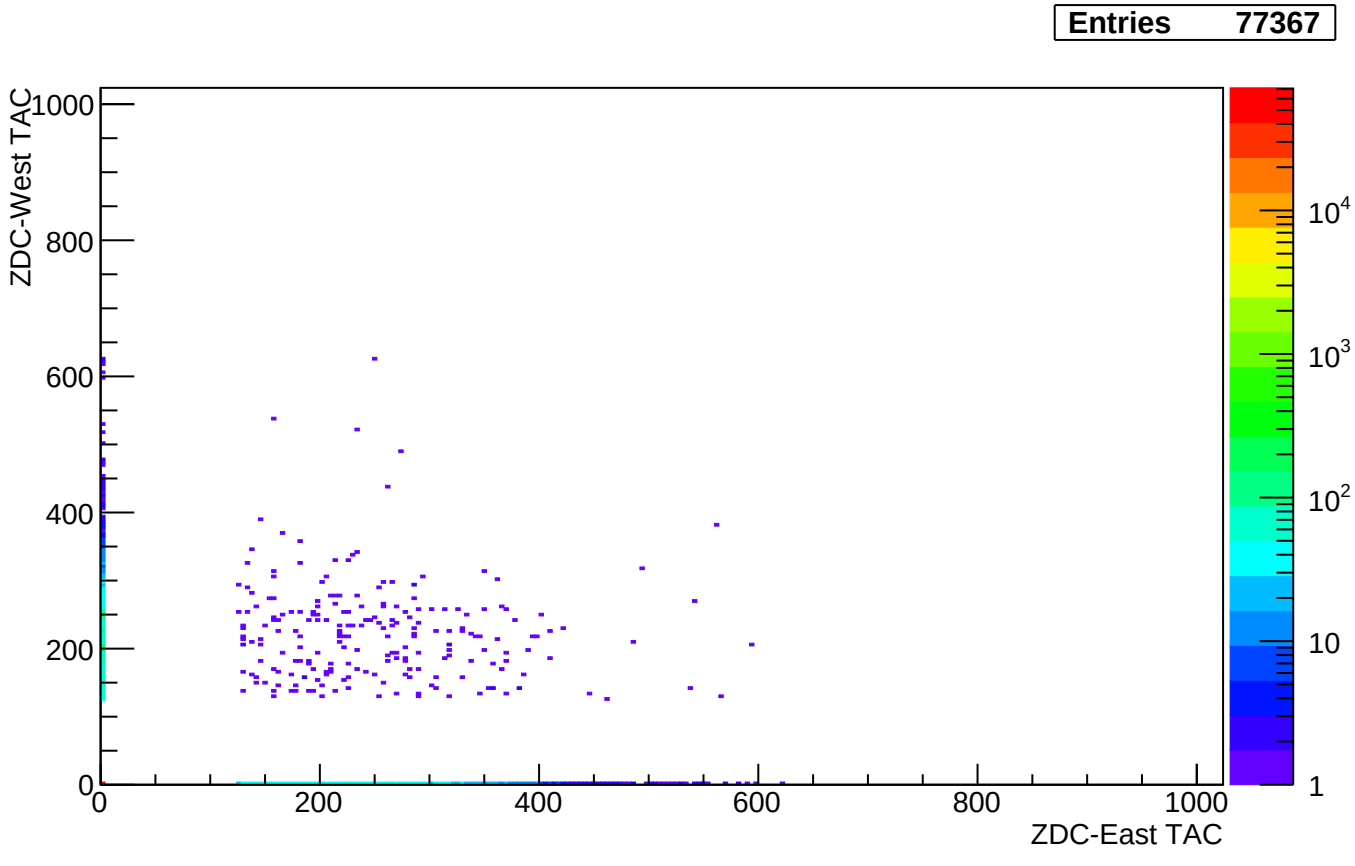

Entries 77367
TOF-Mult
VPD-East ADC Sum

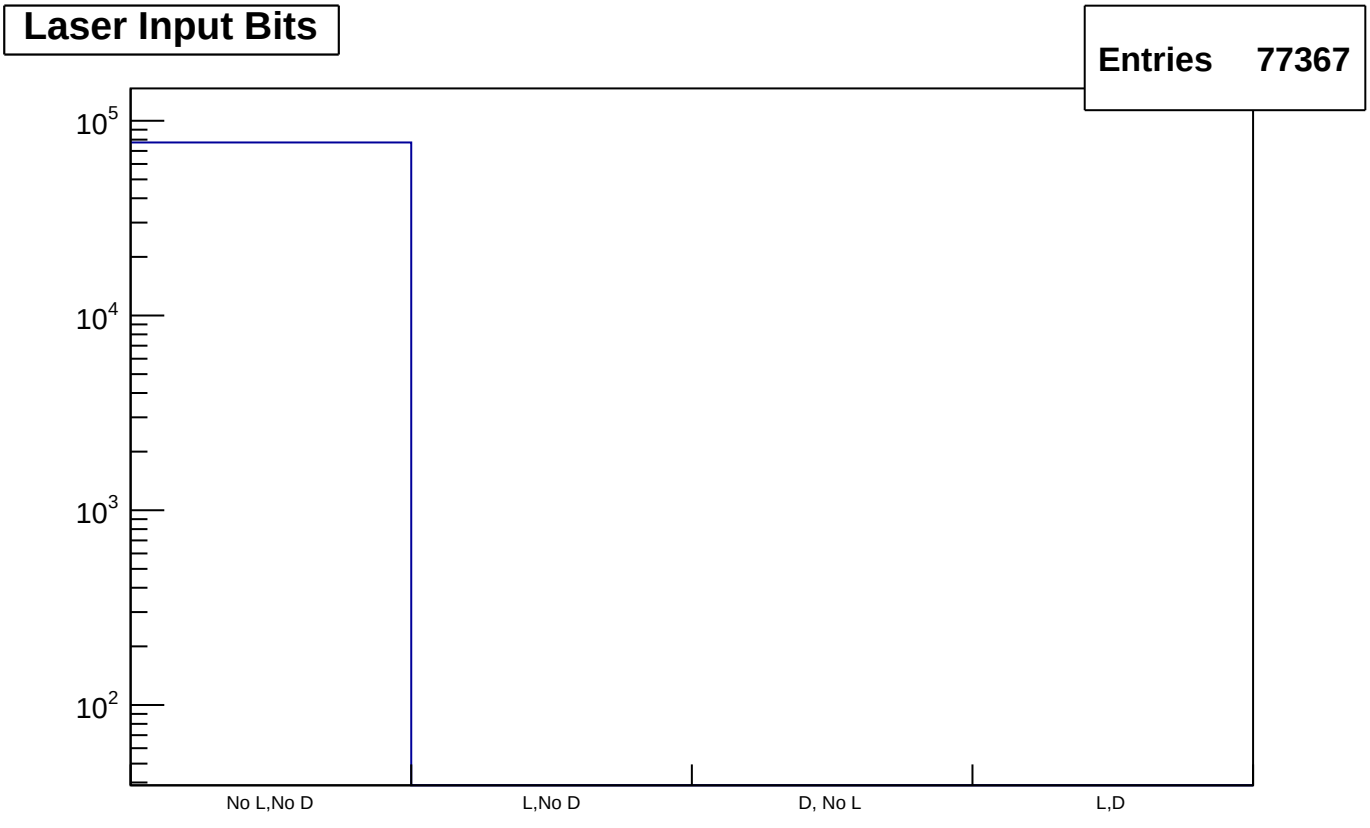

Entries 77367
TOF-Mult
VPD-West ADC Sum

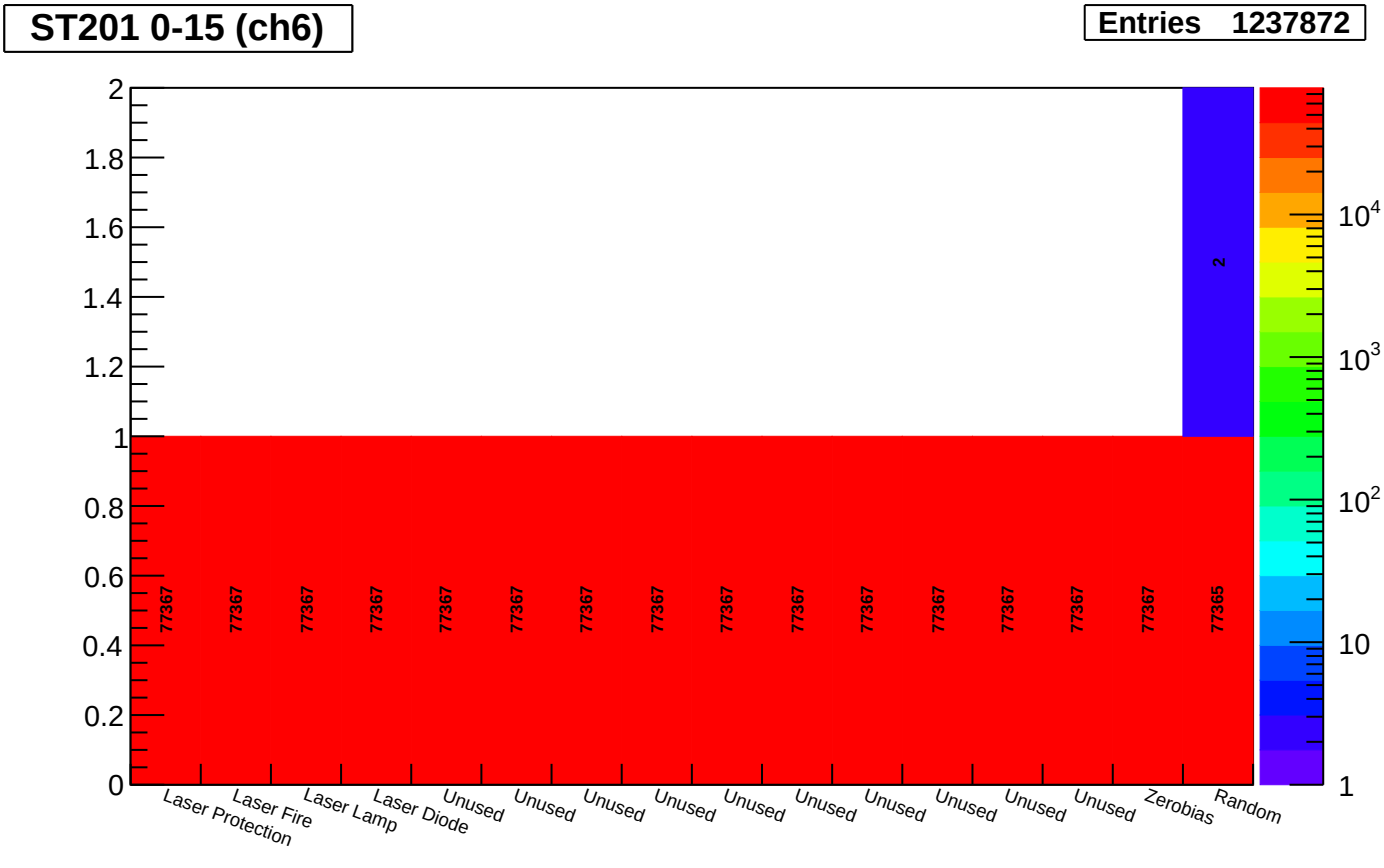

Entries 77367
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

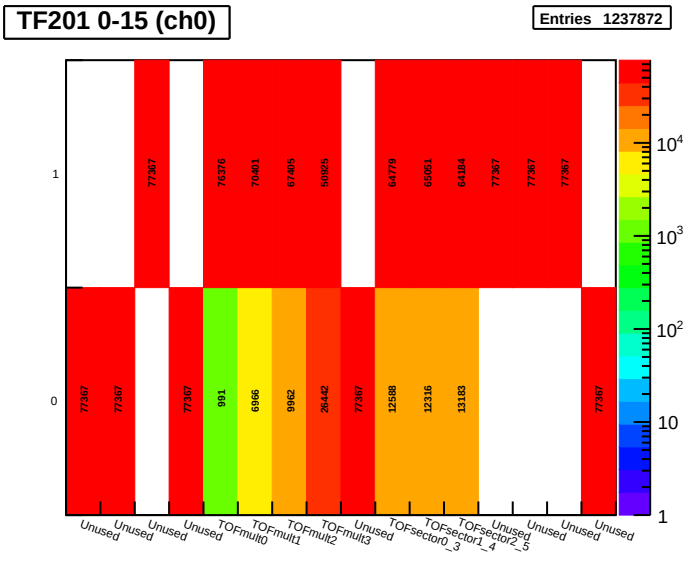

Entries 77367
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

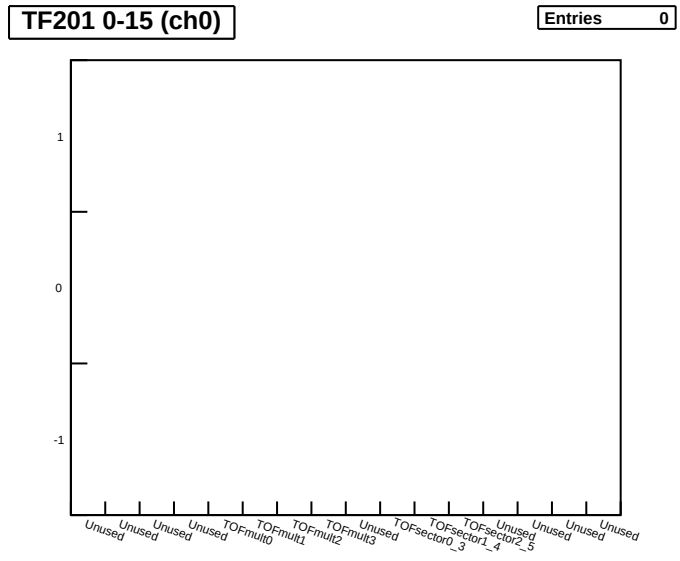

Entries 77367
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

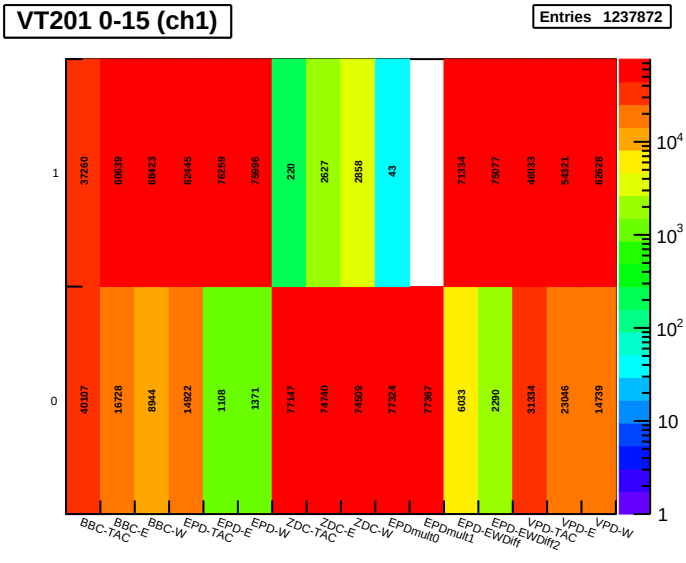

Entries 77367
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1

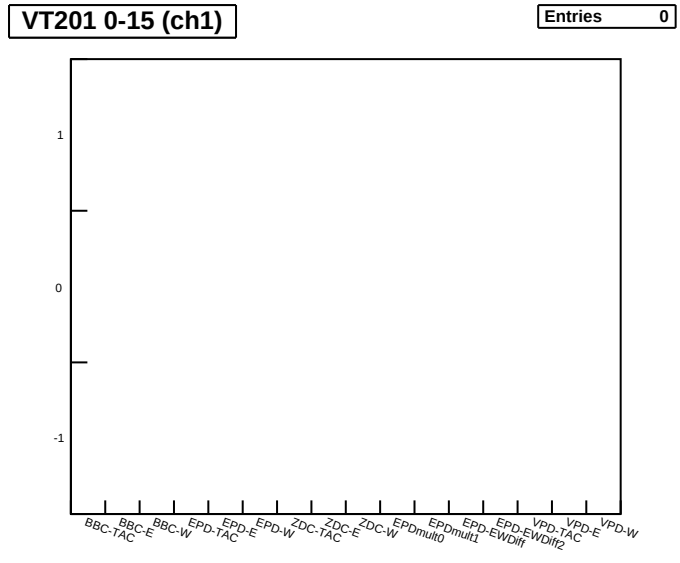

Laser Input Bits
Entries 77367
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

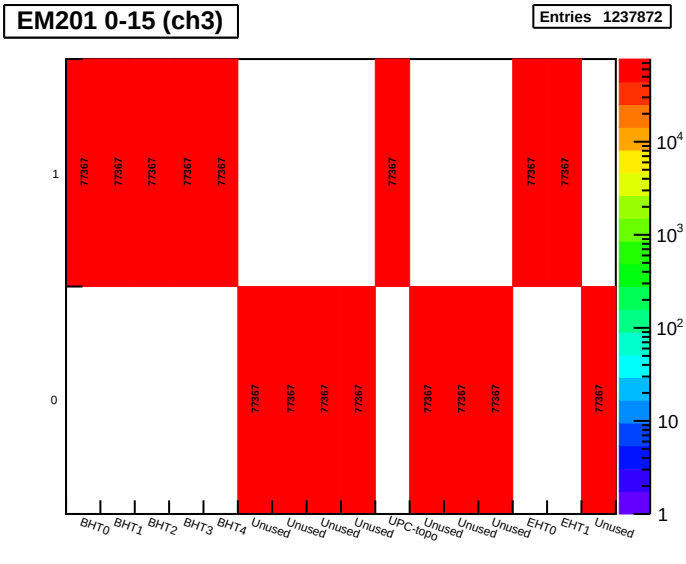

ST201 0-15 (ch6)
Entries 1237872
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
77367
77365
2
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

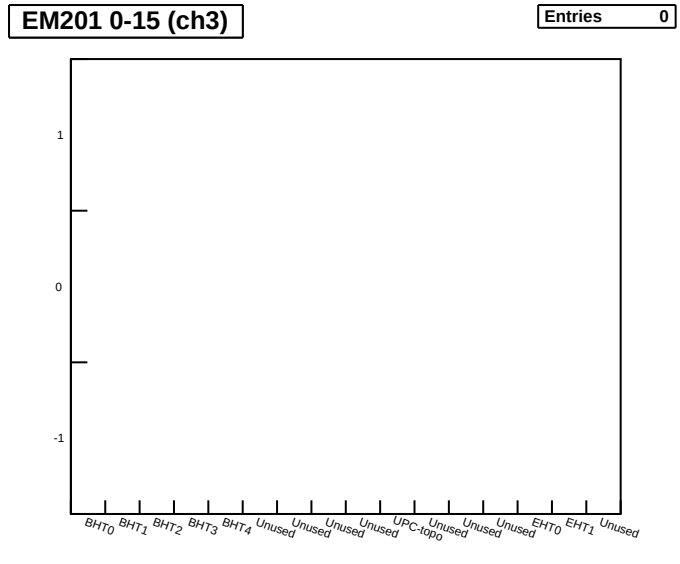

TF201 0-15 (ch0)
Entries 1237872
77367 76376 70401 67405 50925 64779 65051 64184 77367 77367 77367
77367 77367 77367 991 6966 9962 26442 77367 12588 12316 13183 77367
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


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 1237872
37260 60639 68423 62445 76259 75996 220 2627 2858 43 71334 75077 46033 54321 62628
40107 16728 8944 14922 1108 1371 77147 74740 74509 77324 77367 6033 2290 31334 23046 14739
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff 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 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 1237872
77367 77367 77367 77367 77367 77367 77367 77367
77367 77367 77367 77367 77367 77367 77367 77367
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