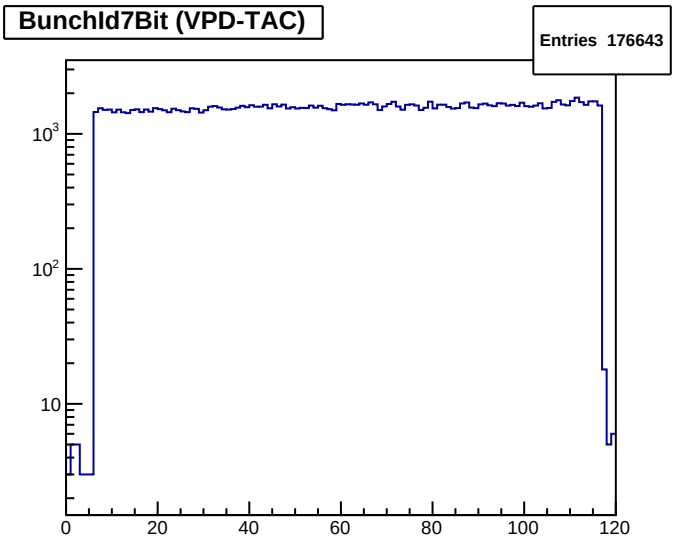
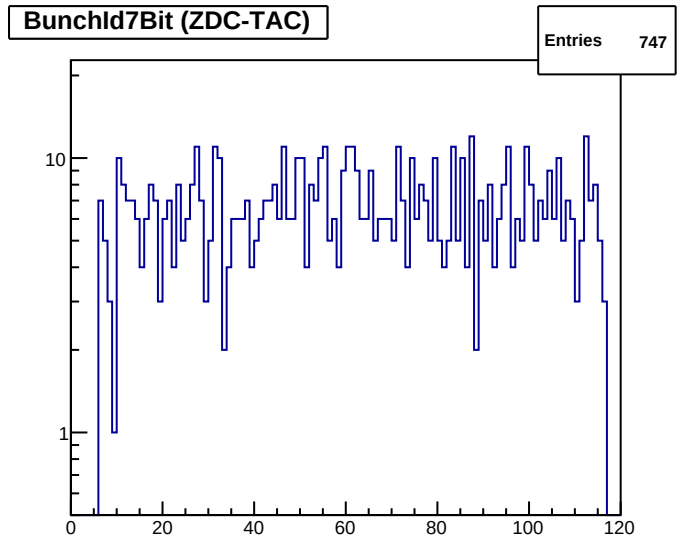
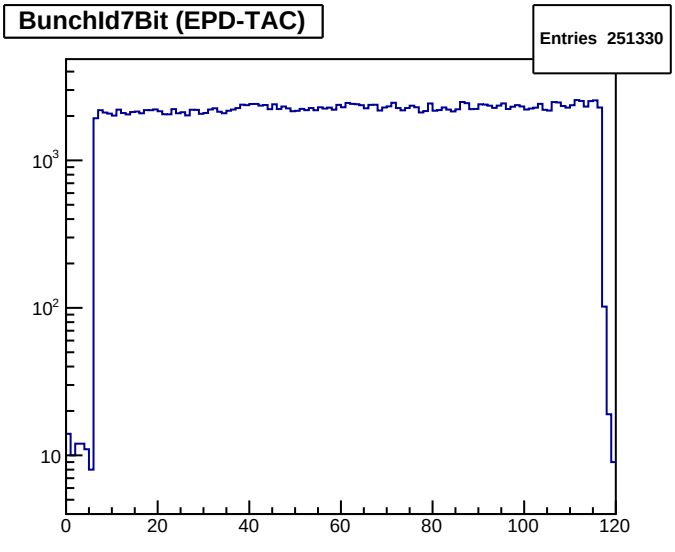
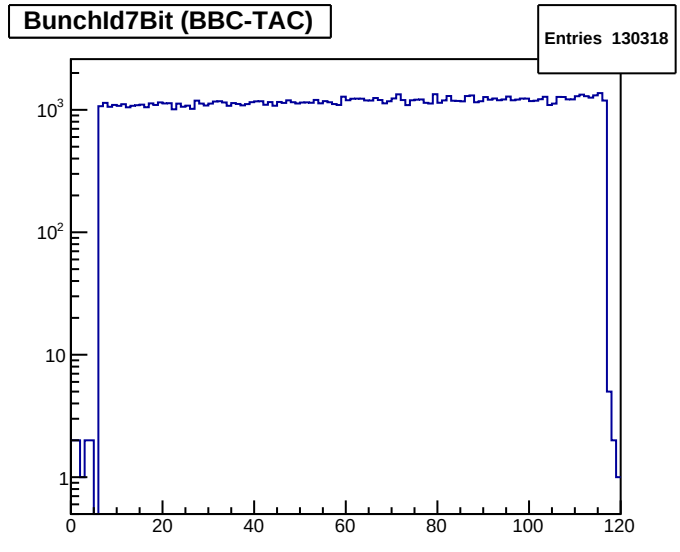
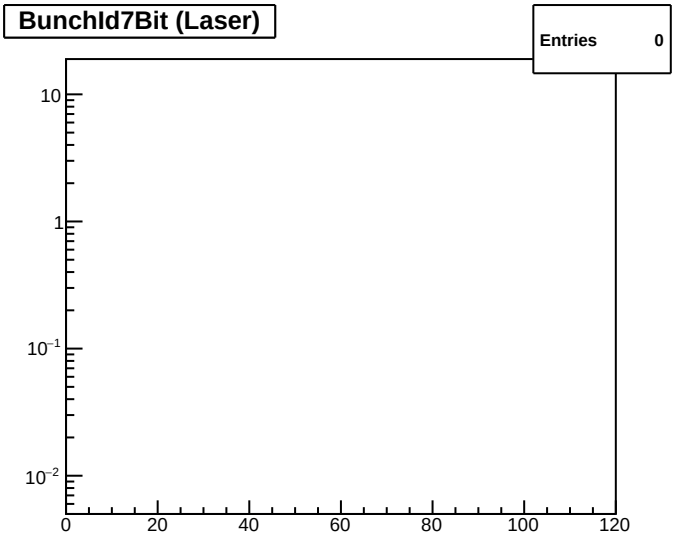
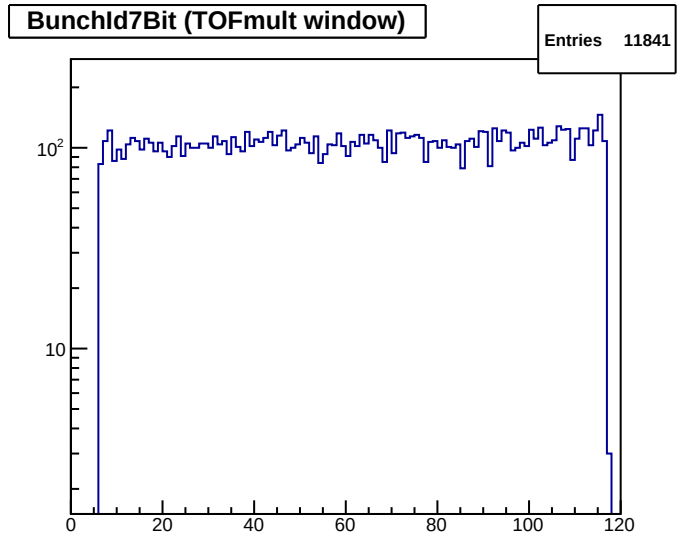

BunchId7Bit (VPD-TAC)
Entries 176643

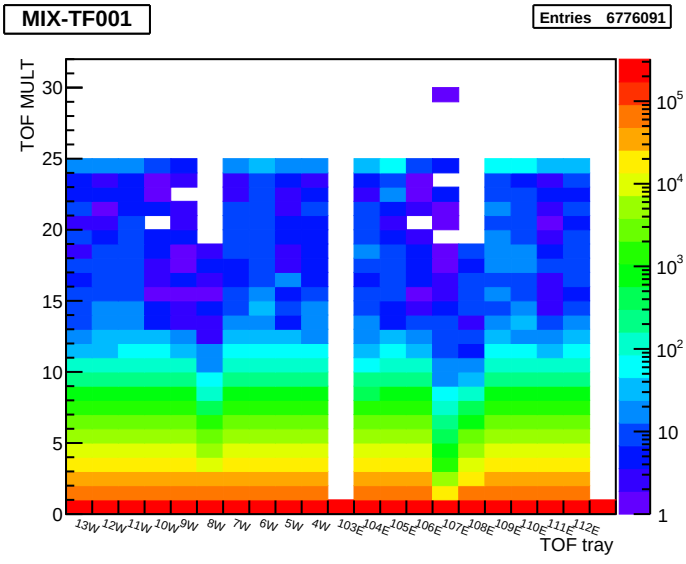

BunchId7Bit (ZDC-TAC)
Entries 747

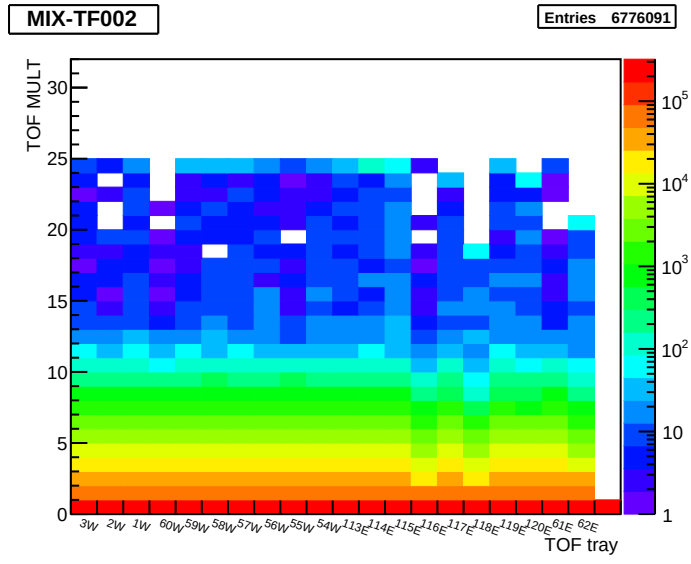

BunchId7Bit (EPD-TAC)
Entries 251330

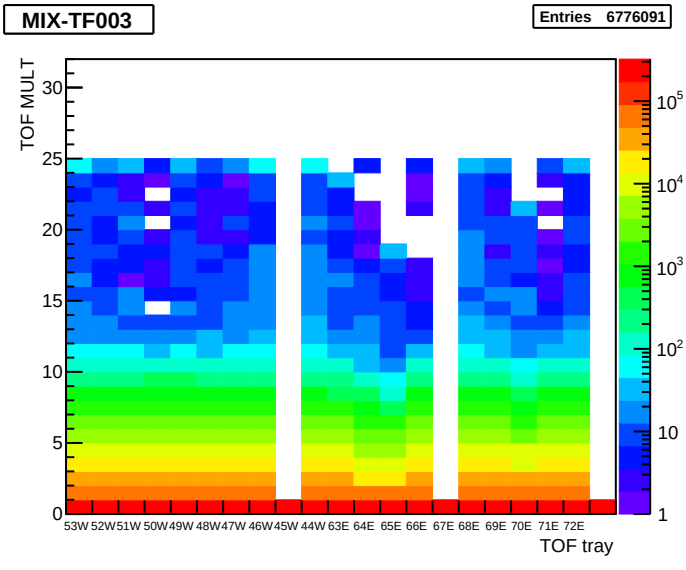

BunchId7Bit (BBC-TAC)
Entries 130318

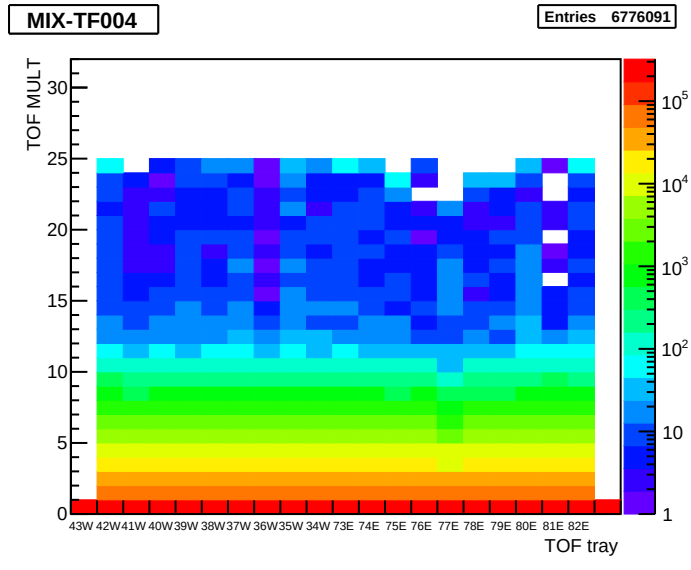

BunchId7Bit (Laser)
Entries 0

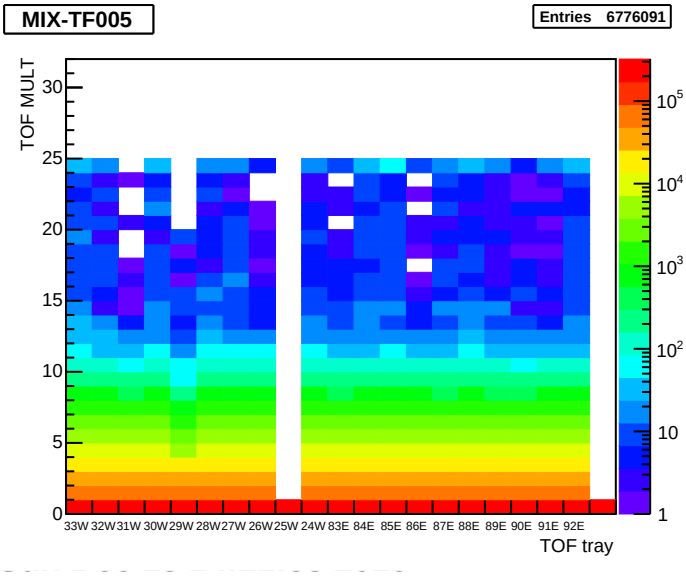

BunchId7Bit (TOFmult window)
Entries 11841

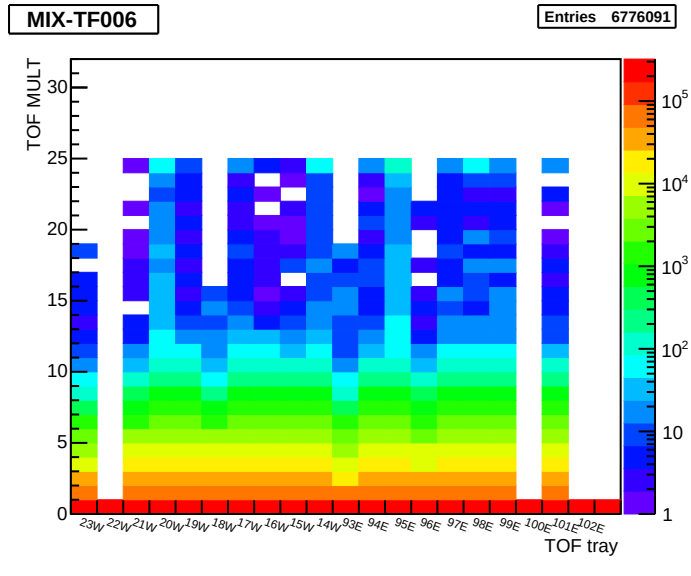

MIX-TF001
Entries 6776091
TOF MULT
TOF tray

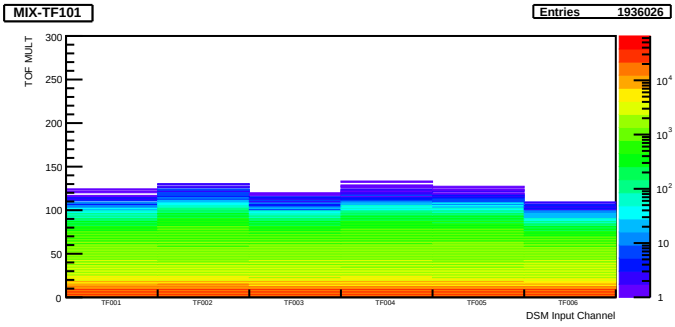

MIX-TF002
Entries 6776091
TOF MULT
TOF tray

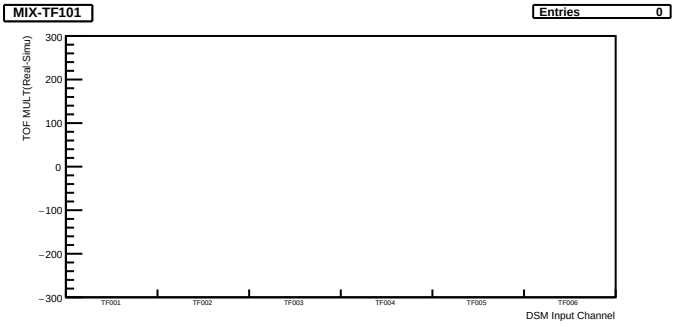

MIX-TF003
Entries 6776091
TOF MULT
TOF tray

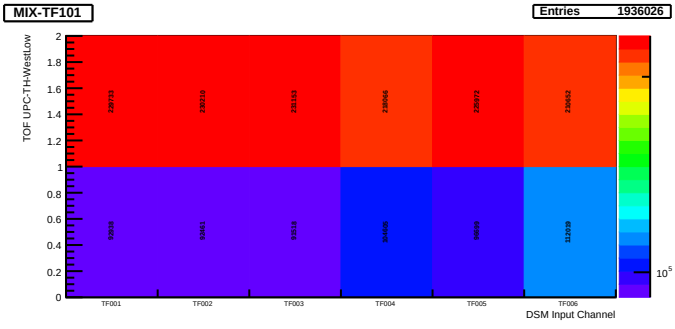

MIX-TF004
Entries 6776091
TOF MULT
TOF tray

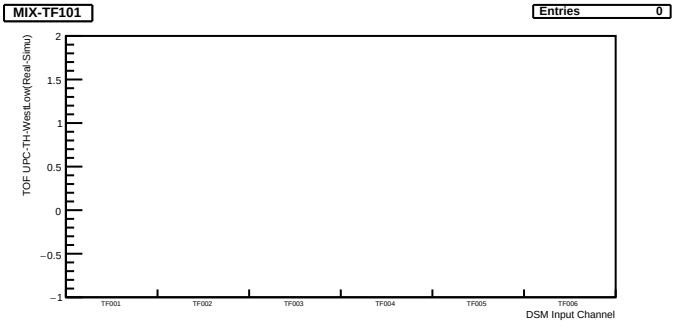

MIX-TF005
Entries 6776091
TOF MULT
TOF tray

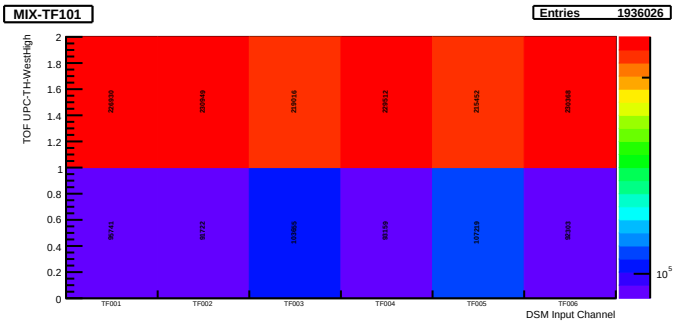

MIX-TF006
Entries 6776091
TOF MULT
TOF tray

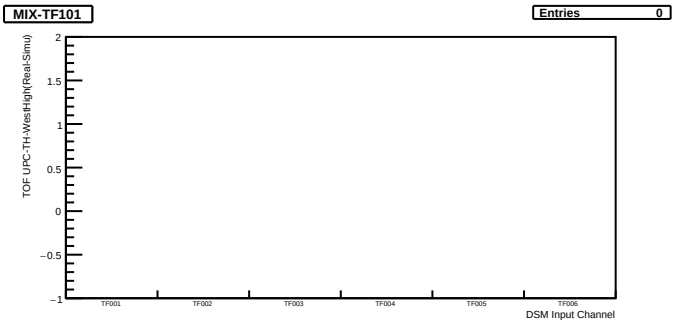

MIX-TF101
Entries 1936026
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

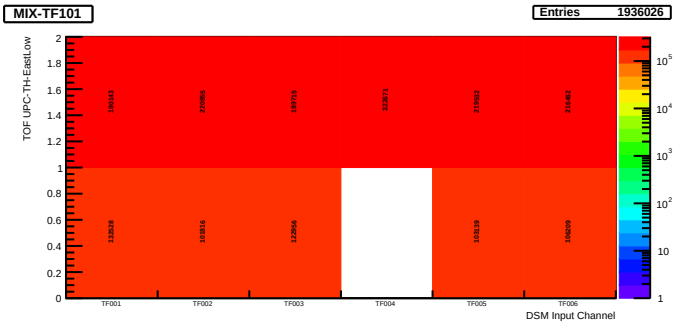

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

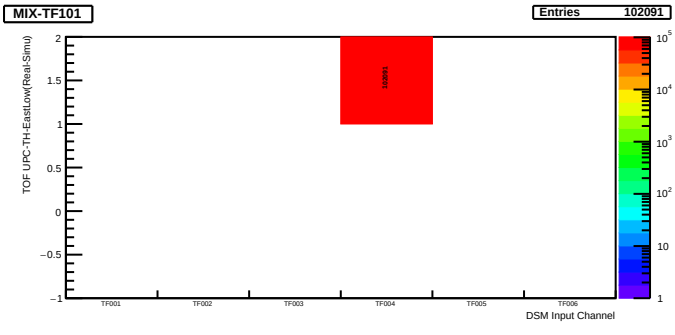

MIX-TF101
Entries 1936026
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

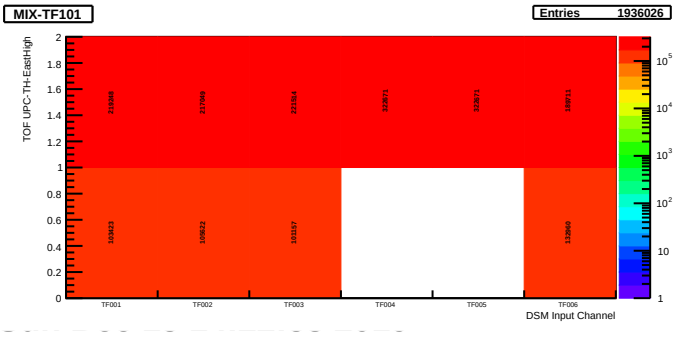

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

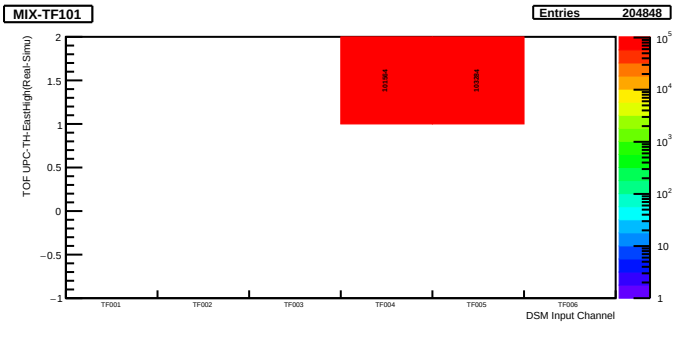

MIX-TF101
Entries 1936026
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

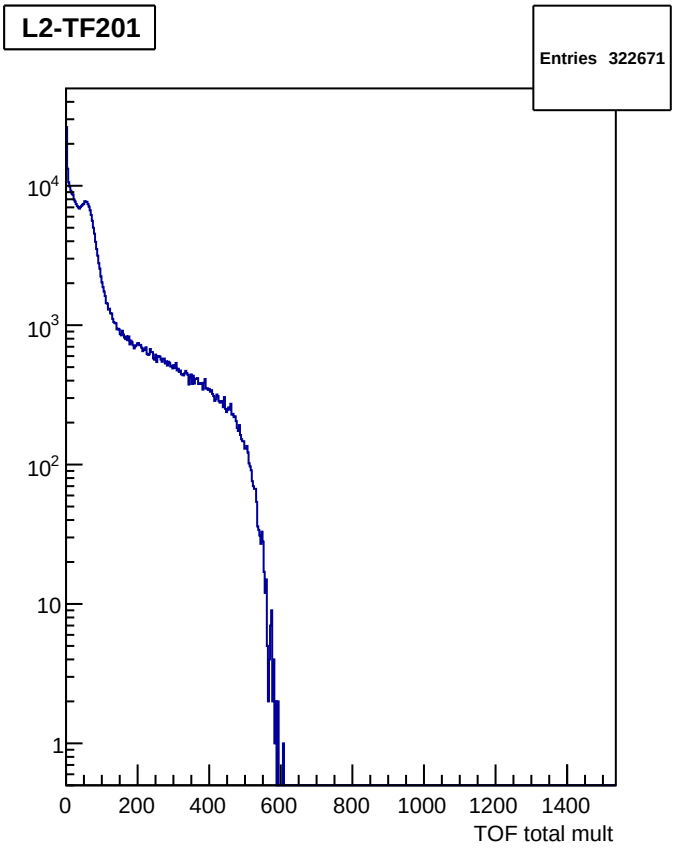

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

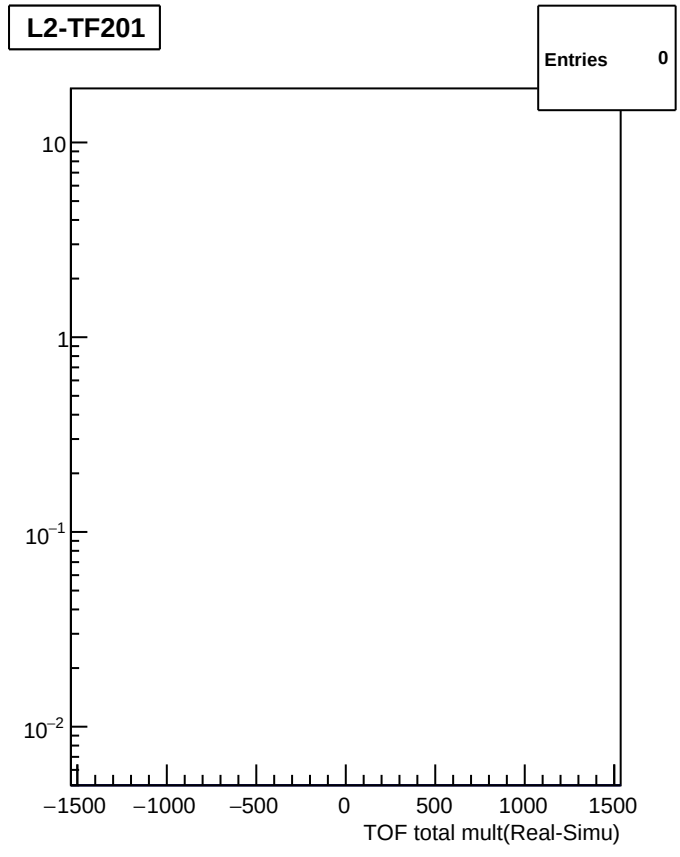

MIX-TF101
Entries 1936026
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

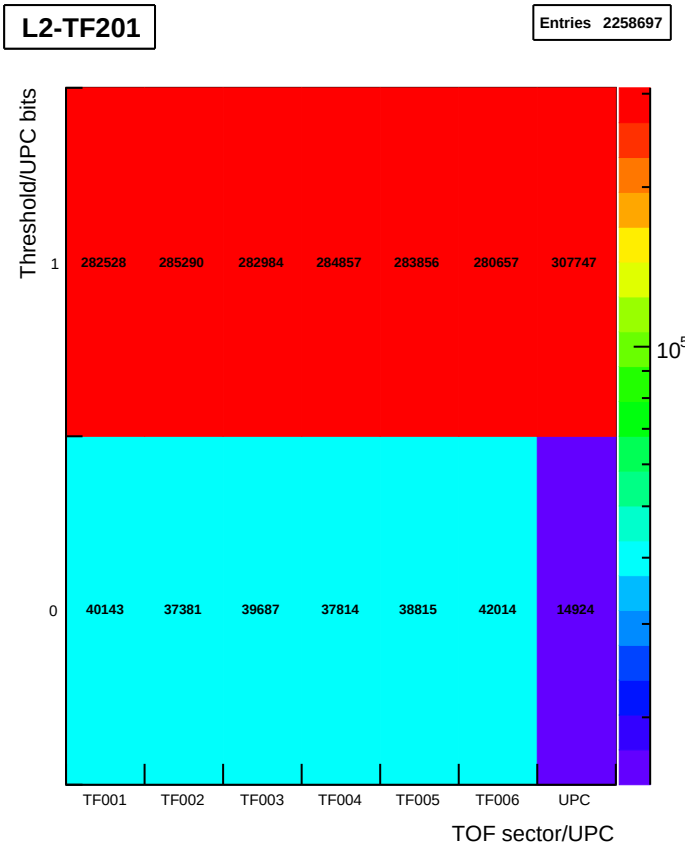

MIX-TF101
Entries 102091
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

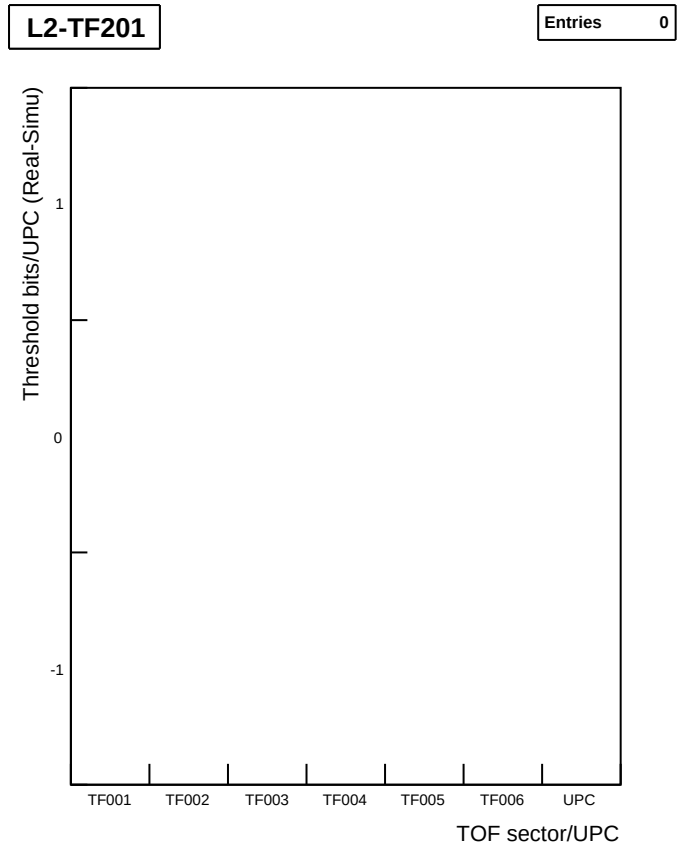

MIX-TF101
Entries 1936026
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

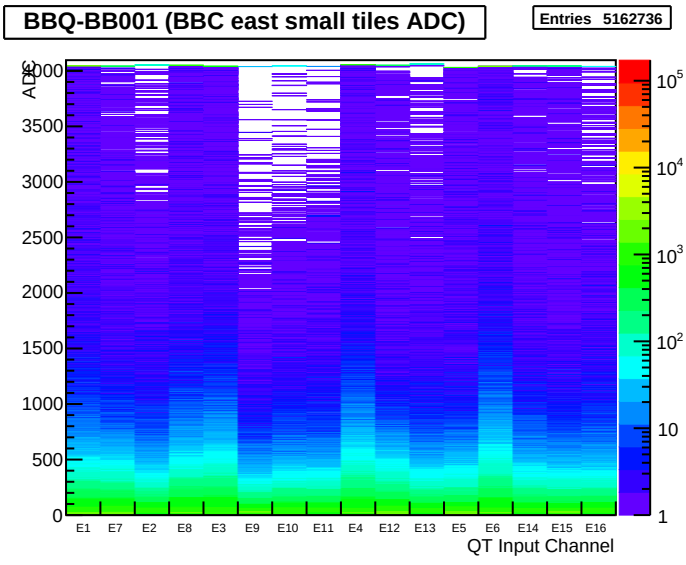

MIX-TF101
Entries 204848
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

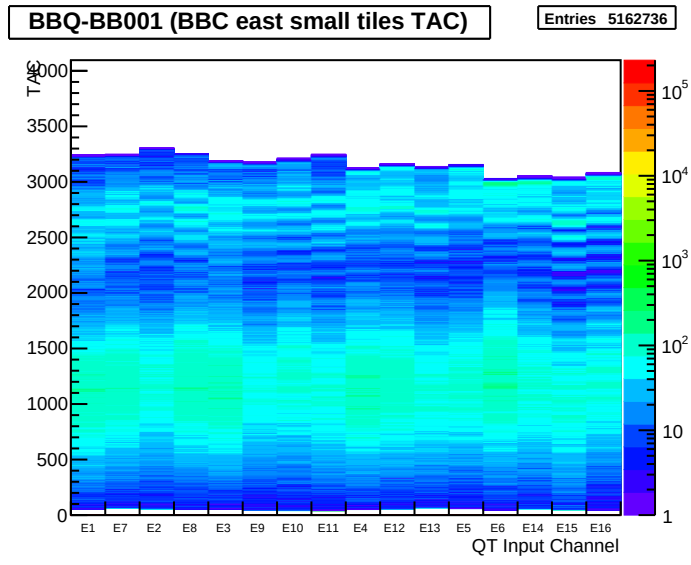

L2-TF201
Entries 322671
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

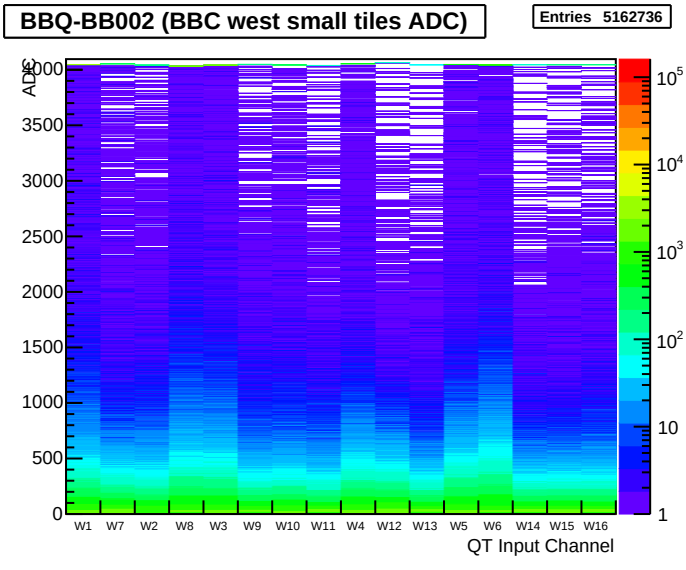

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

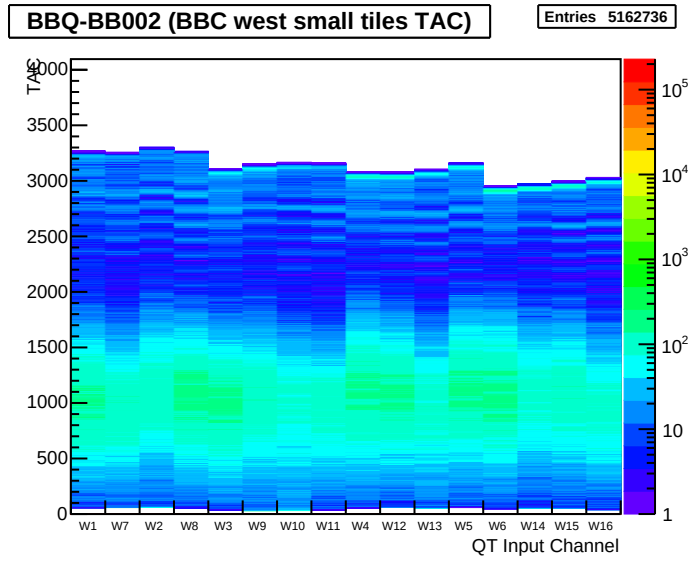

L2-TF201
Entries 2258697
Threshold/UPC bits
1
0
282528
285290
282984
284857
283856
280657
307747
40143
37381
39687
37814
38815
42014
14924
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

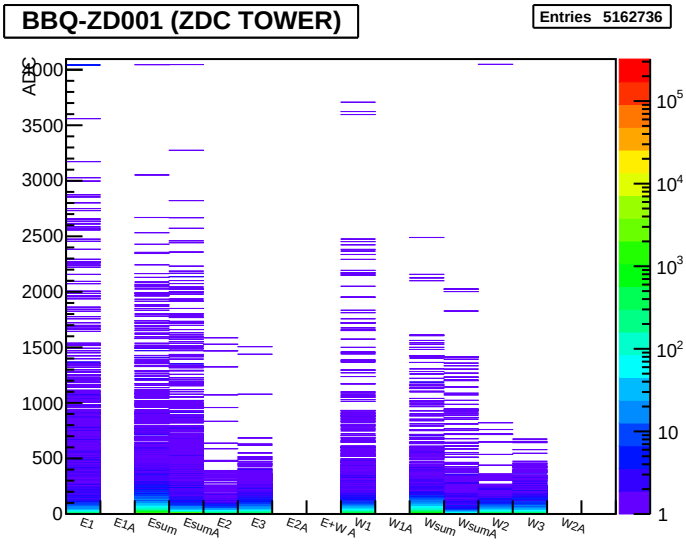

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

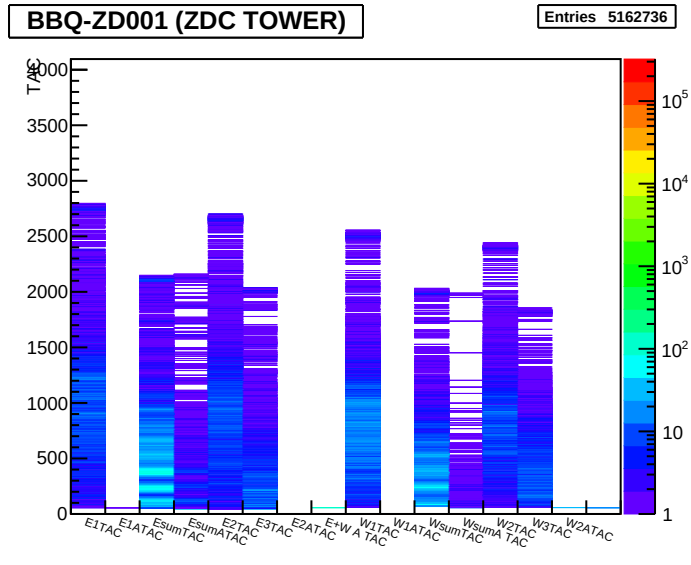

BBQ-BB001 (BBC east small tiles ADC)
Entries 5162736
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

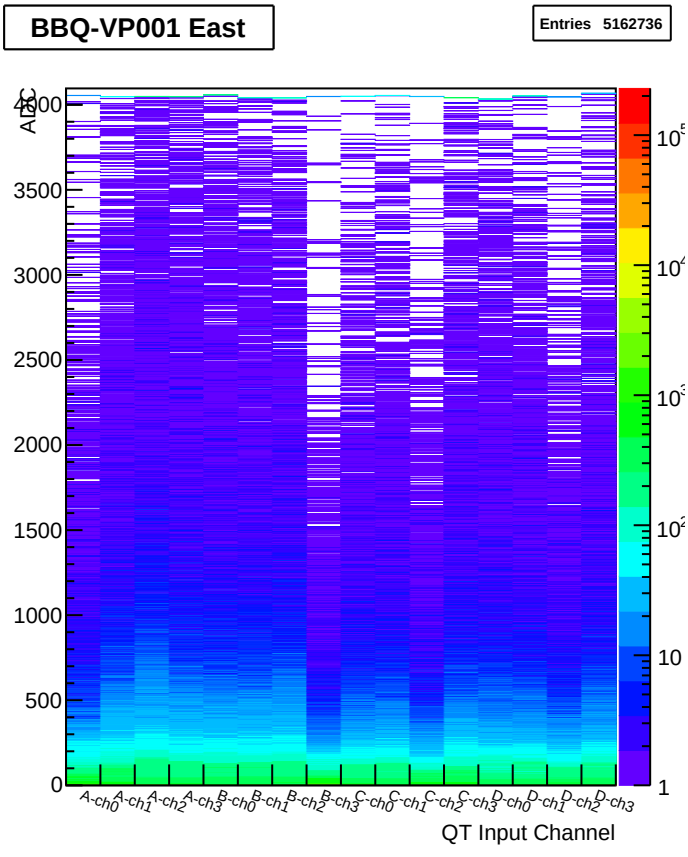

BBQ-BB001 (BBC east small tiles TAC)
Entries 5162736
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

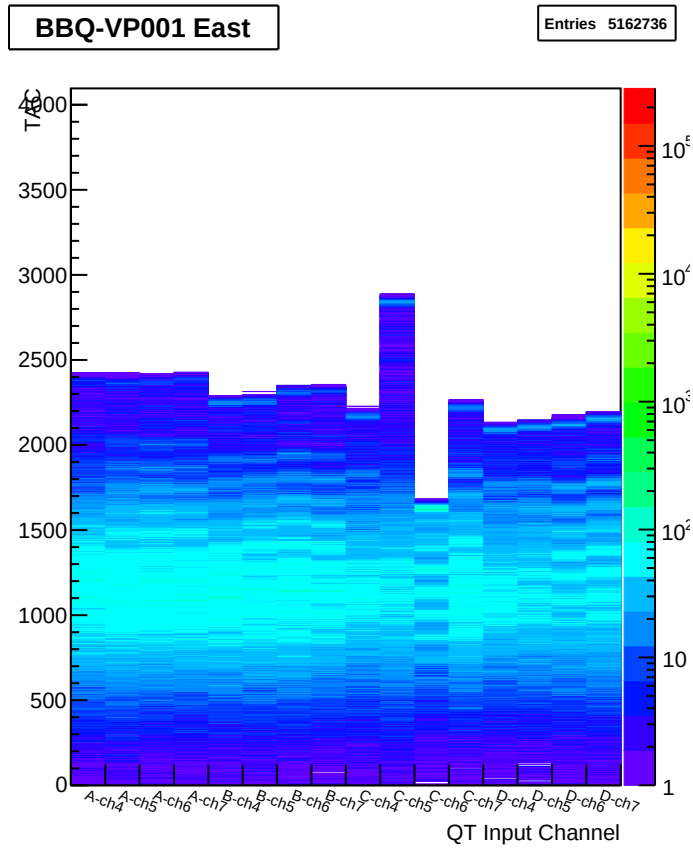

BBQ-BB002 (BBC west small tiles ADC)
Entries 5162736
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

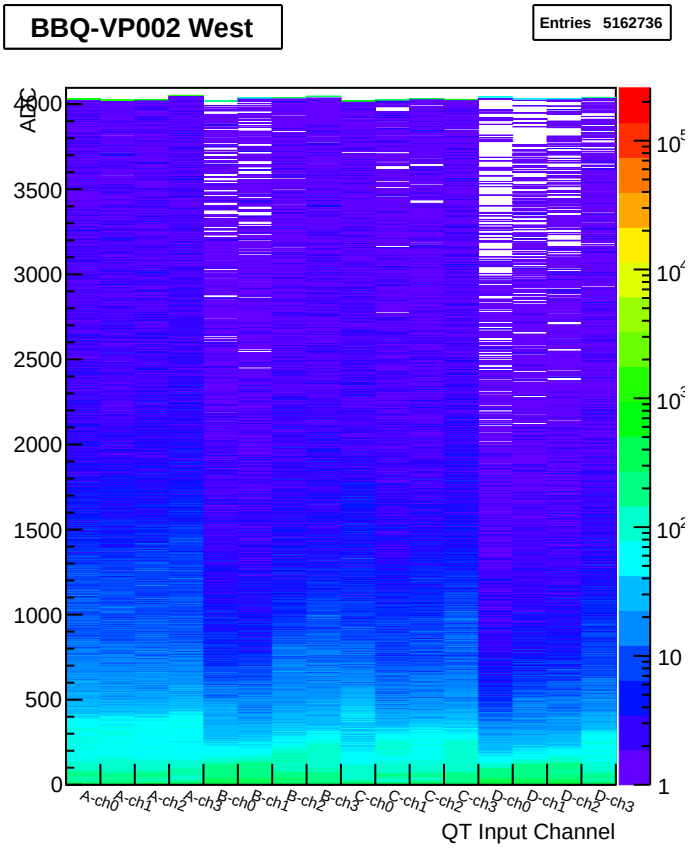

BBQ-BB002 (BBC west small tiles TAC)
Entries 5162736
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

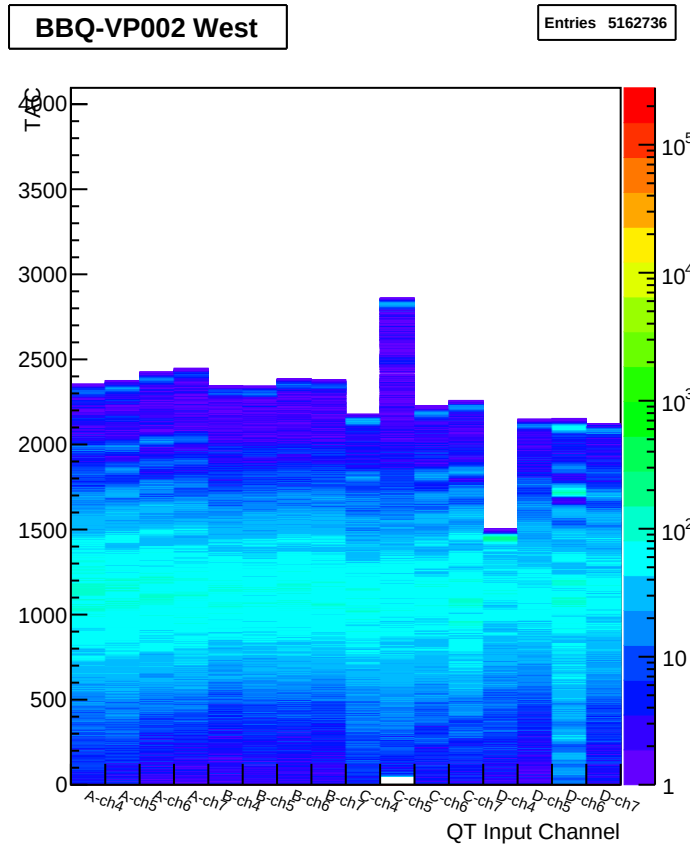

BBQ-ZD001 (ZDC TOWER)
Entries 5162736
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

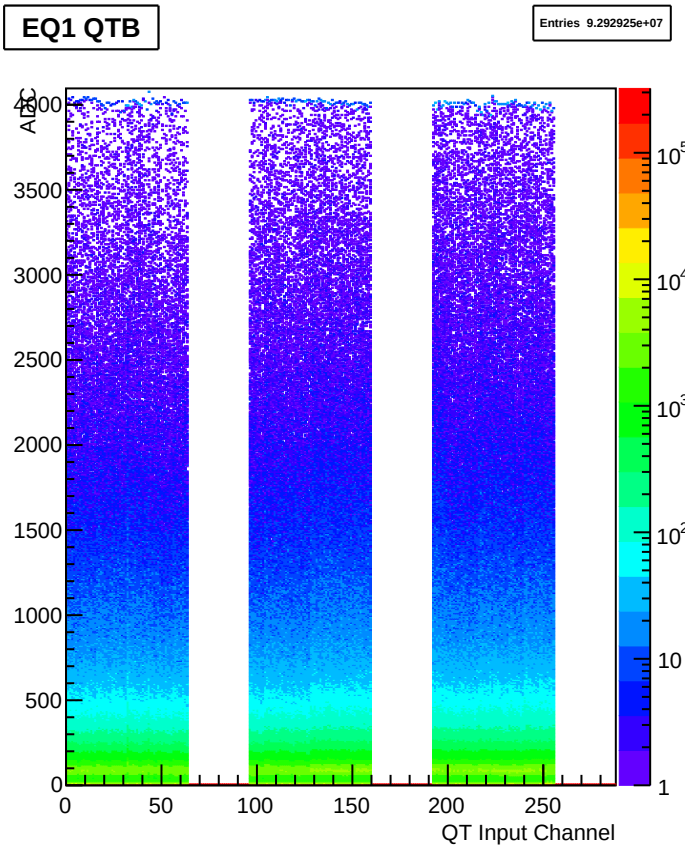

BBQ-ZD001 (ZDC TOWER)
Entries 5162736
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

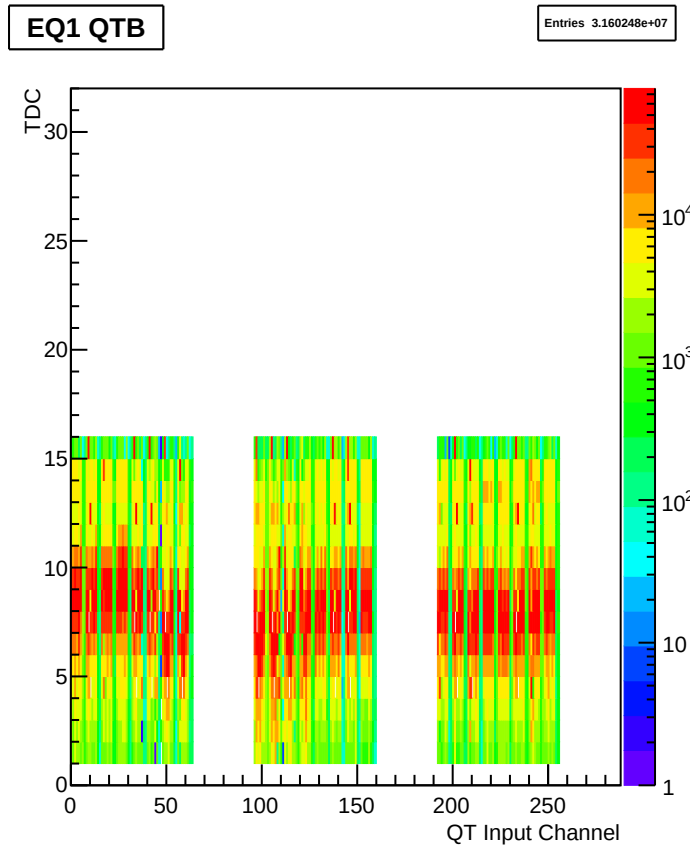

BBQ-VP001 East
Entries 5162736
ADC
QT Input Channel

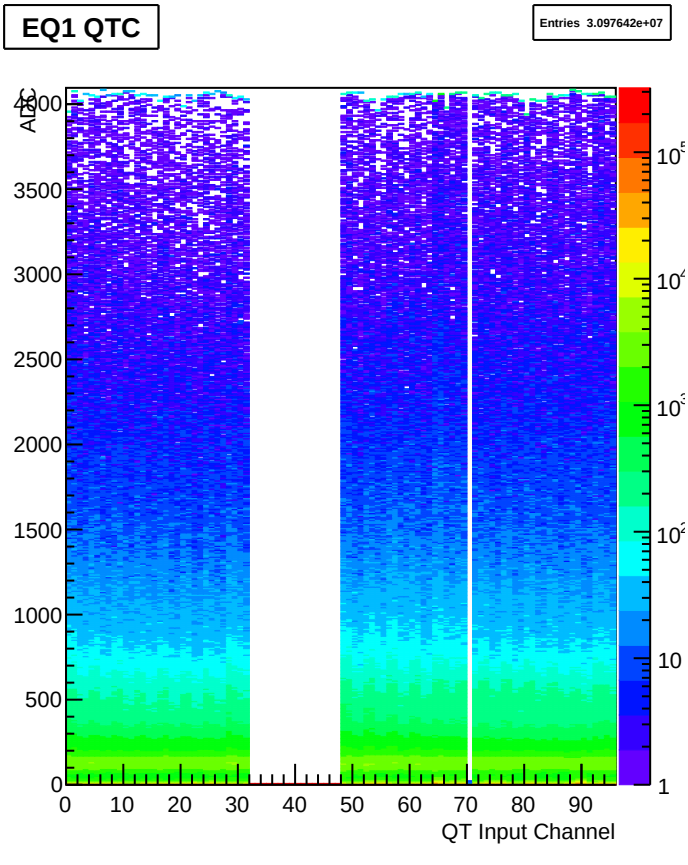

BBQ-VP001 East
Entries 5162736
TADC
QT Input Channel

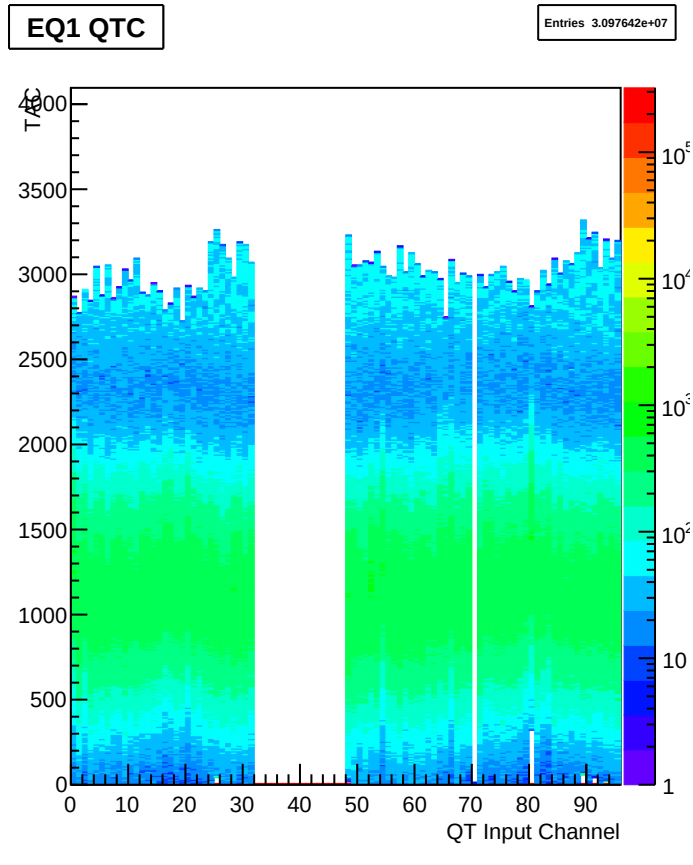

BBQ-VP002 West
Entries 5162736
ADC
QT Input Channel

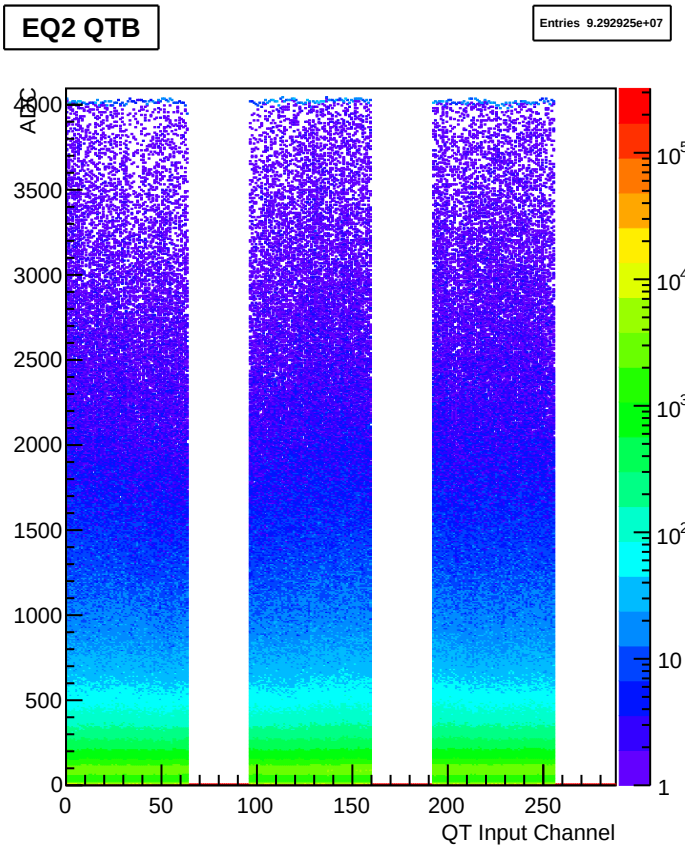

BBQ-VP002 West
Entries 5162736
TADC
QT Input Channel

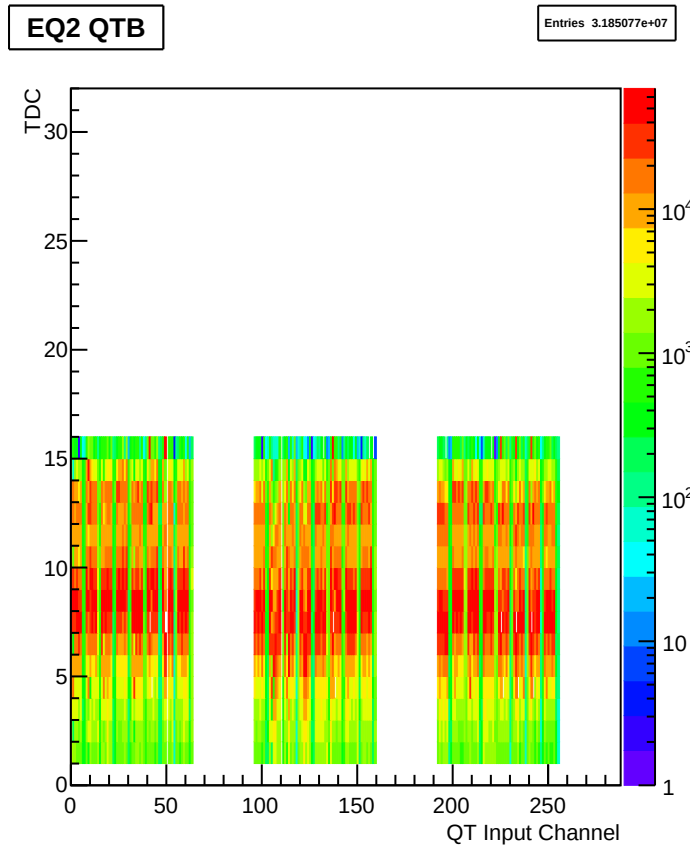

EQ1 QTB
Entries 9.292925e+07
ADC
QT Input Channel

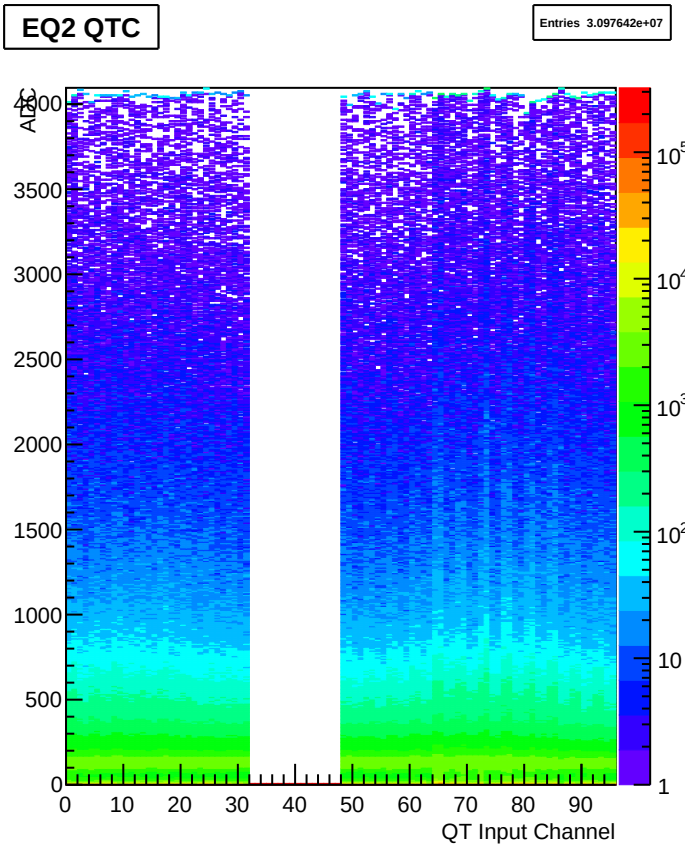

EQ1 QTB
Entries 3.160248e+07
TDC
QT Input Channel

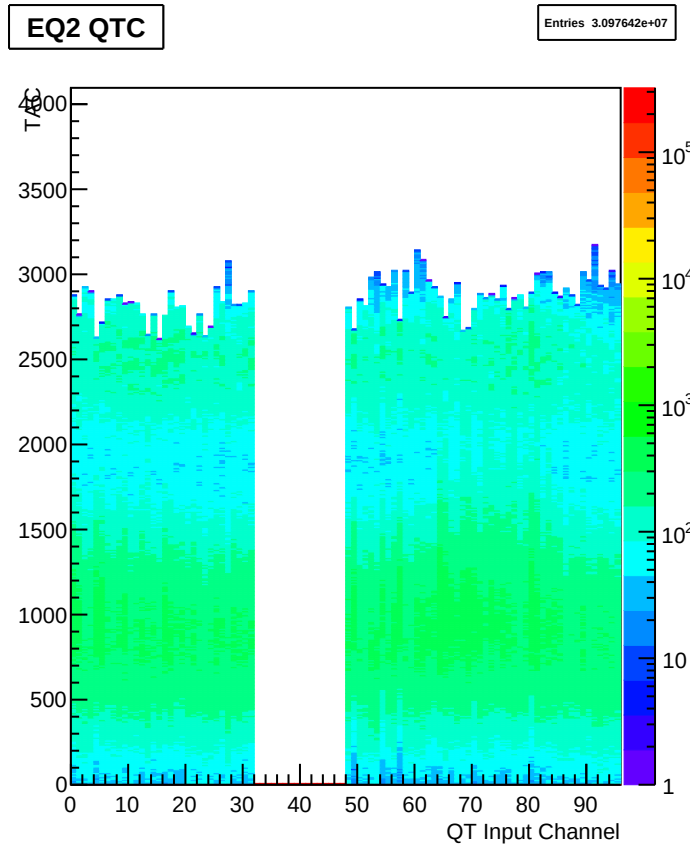

EQ1 QTC
Entries 3.097642e+07
ADC
QT Input Channel

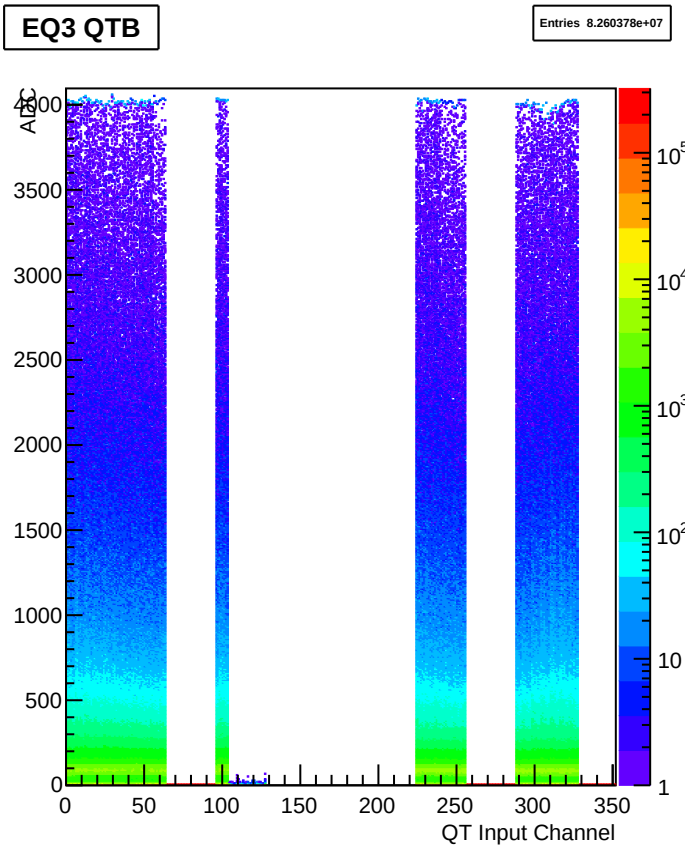

EQ1 QTC
Entries 3.097642e+07
TADC
QT Input Channel

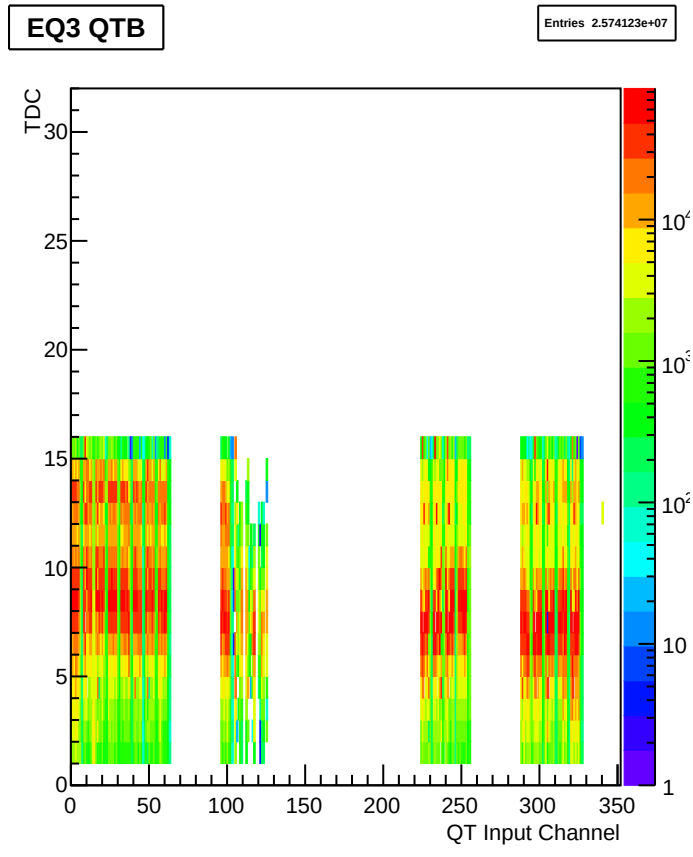

EQ2 QTB
Entries 9.292925e+07
ADC
QT Input Channel

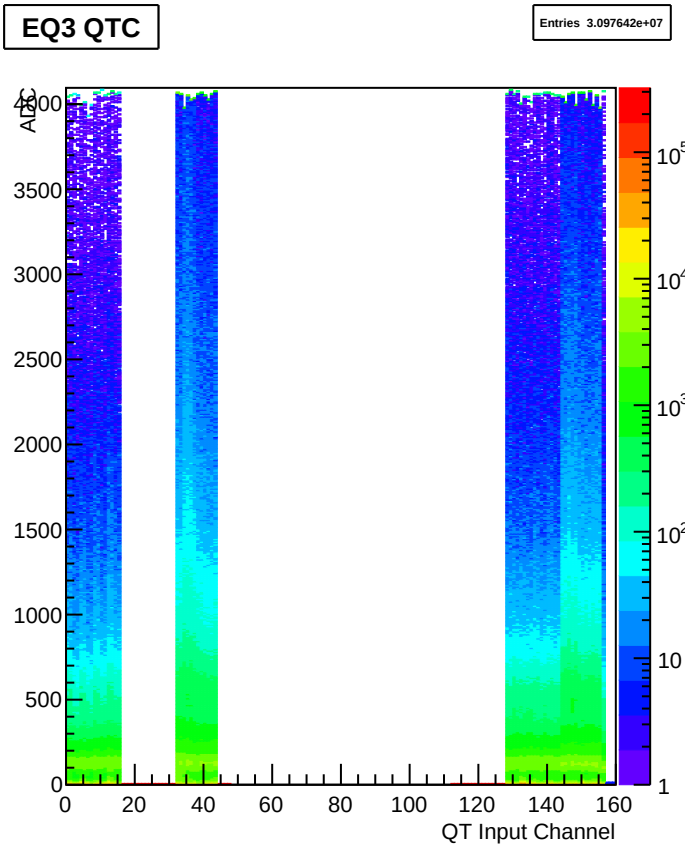

EQ2 QTB
Entries 3.185077e+07
TDC
QT Input Channel

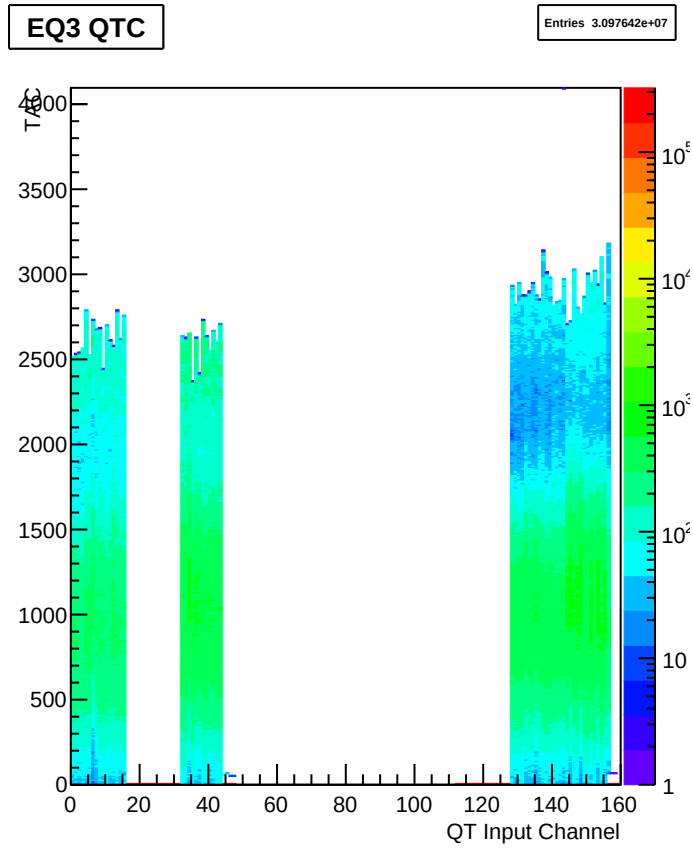

EQ2 QTC
Entries 3.097642e+07
ADC
QT Input Channel

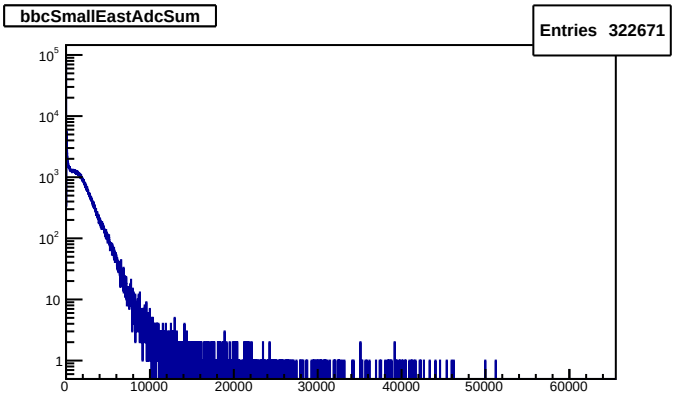

EQ2 QTC
Entries 3.097642e+07
TADC
QT Input Channel

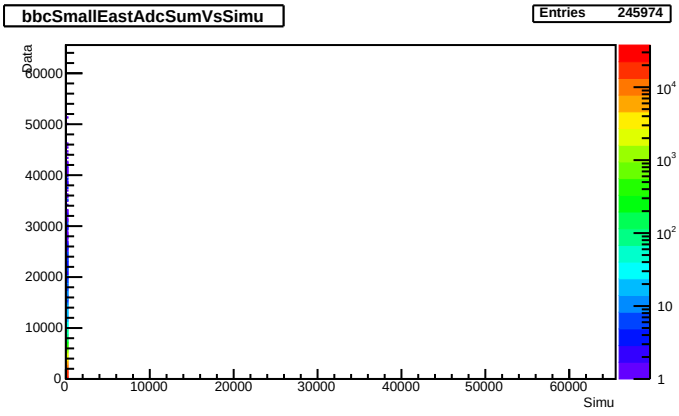

EQ3 QTB
Entries 8.260378e+07
ADC
QT Input Channel

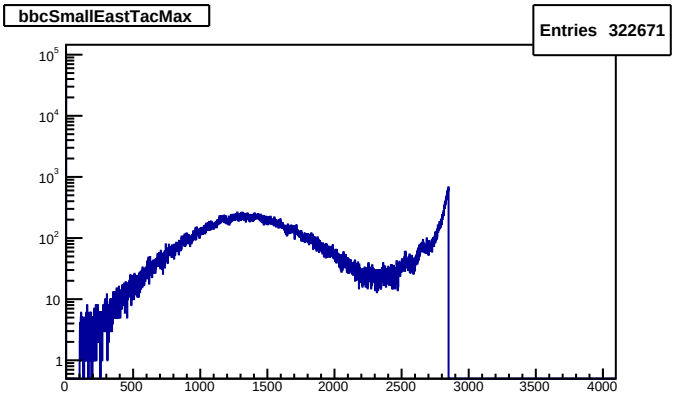

EQ3 QTB
Entries 2.574123e+07
TDC
QT Input Channel

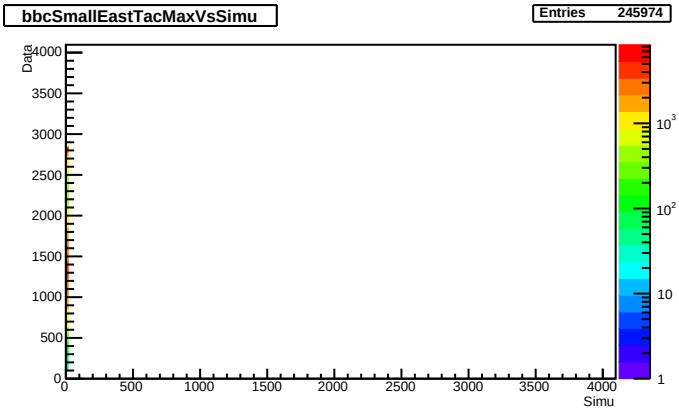

EQ3 QTC
Entries 3.097642e+07
ADC
QT Input Channel

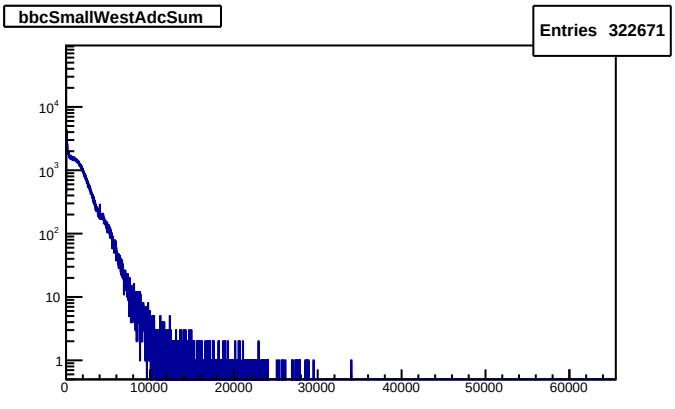

EQ3 QTC
Entries 3.097642e+07
TADC
QT Input Channel

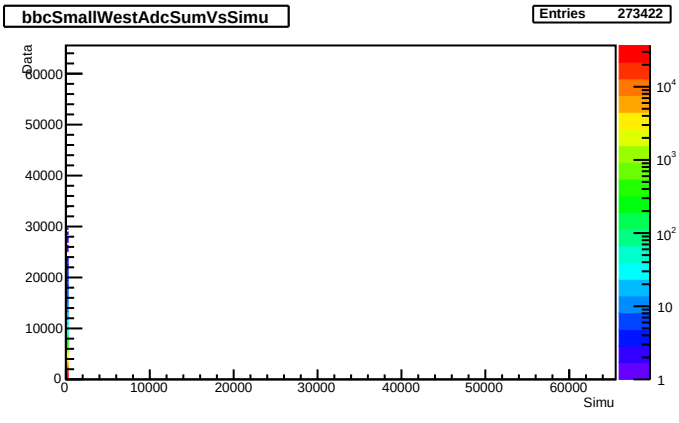

bbcSmallEastAdcSum
Entries 322671

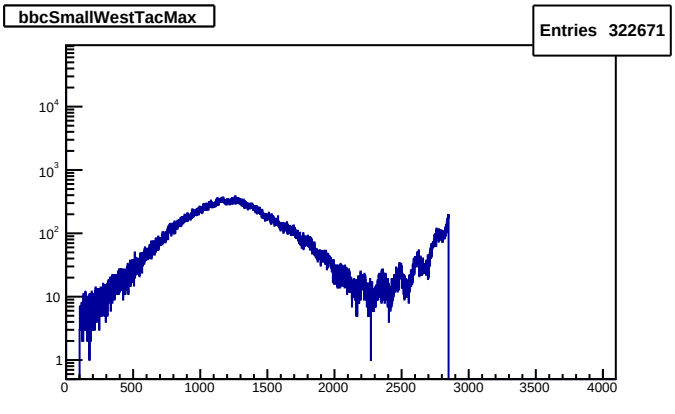

bbcSmallEastAdcSumVsSimu
Entries 245974
Data
Simu

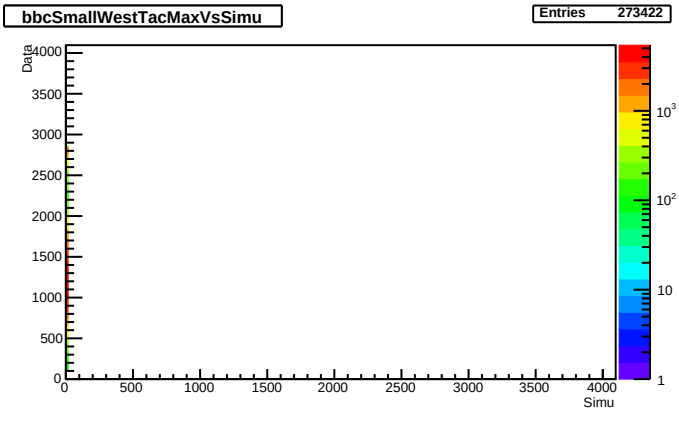

bbcSmallEastTacMax
Entries 322671

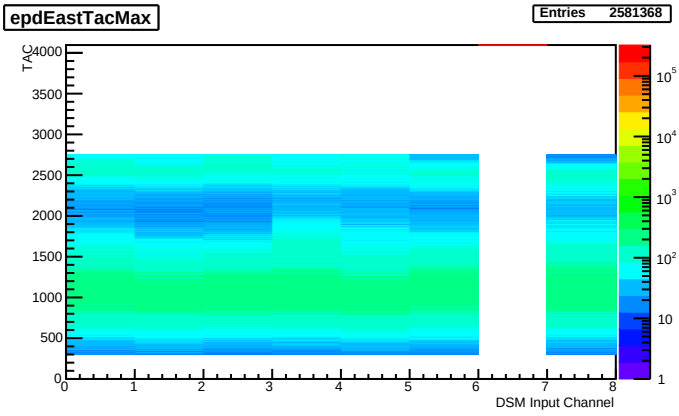

bbcSmallEastTacMaxVsSimu
Entries 245974
Data
Simu

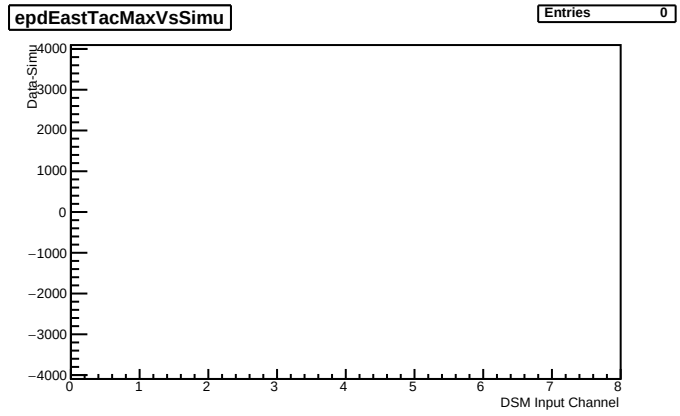

bbcSmallWestAdcSum
Entries 322671

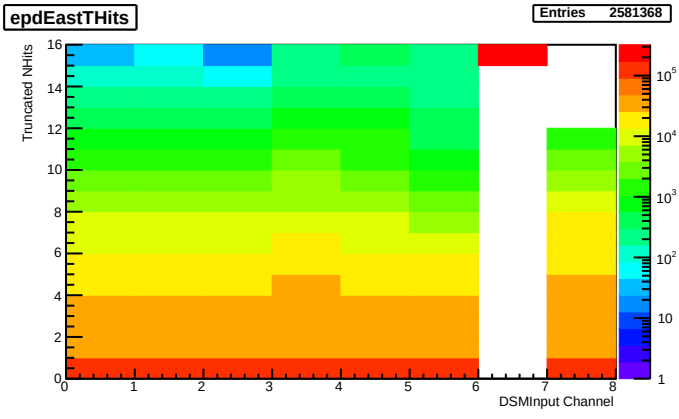

bbcSmallWestAdcSumVsSimu
Entries 273422
Data
Simu

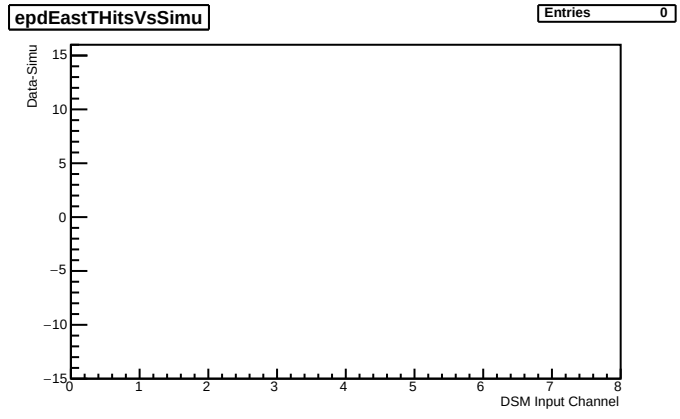

bbcSmallWestTacMax
Entries 322671

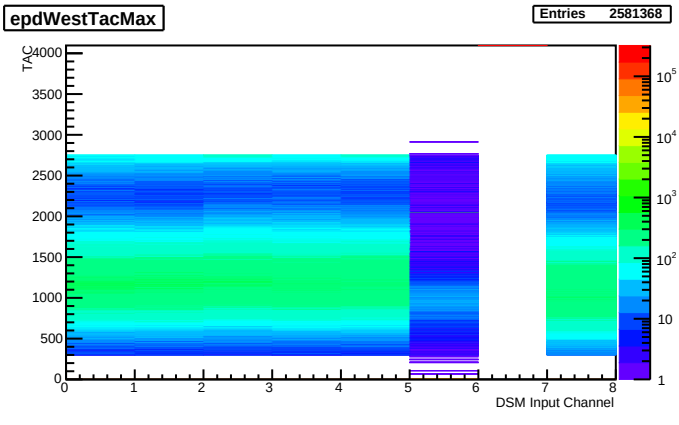

bbcSmallWestTacMaxVsSimu
Entries 273422
Data
Simu

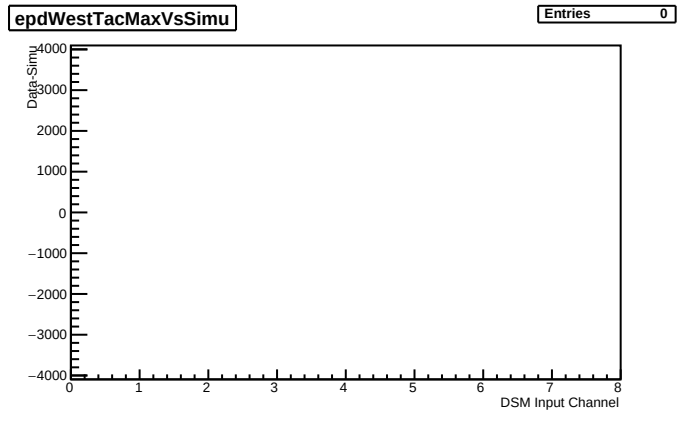

epdEastTacMax
Entries 2581368
TAC
DSM Input Channel

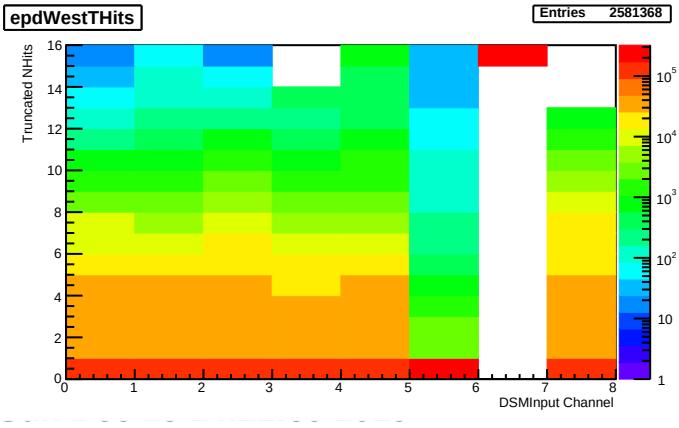

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

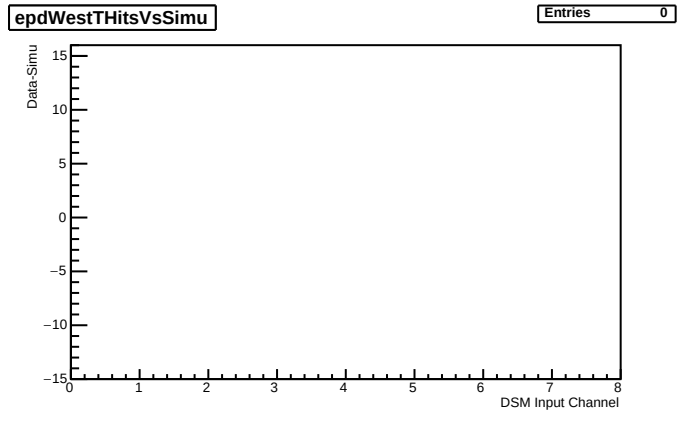

epdEastTHits
Entries 2581368
Truncated NHits
DSMInput Channel

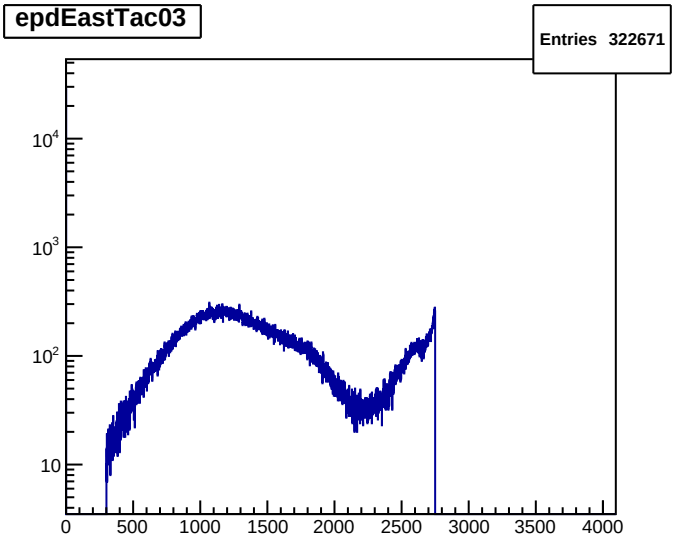

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

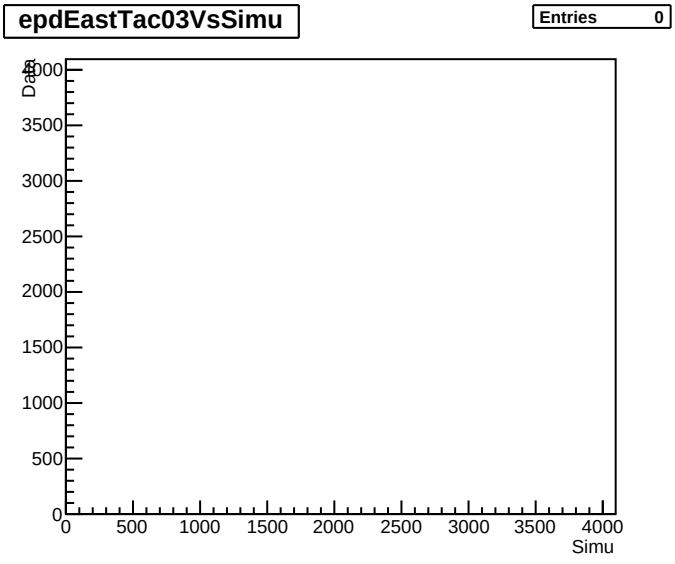

epdWestTacMax
Entries 2581368
TAC
DSM Input Channel

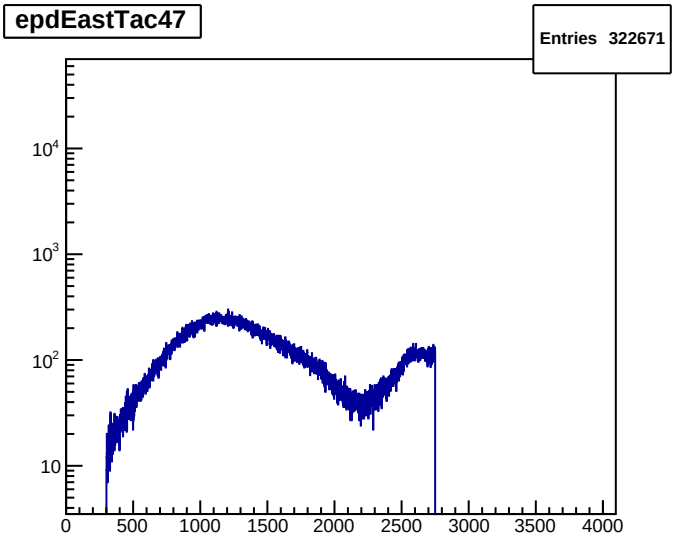

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

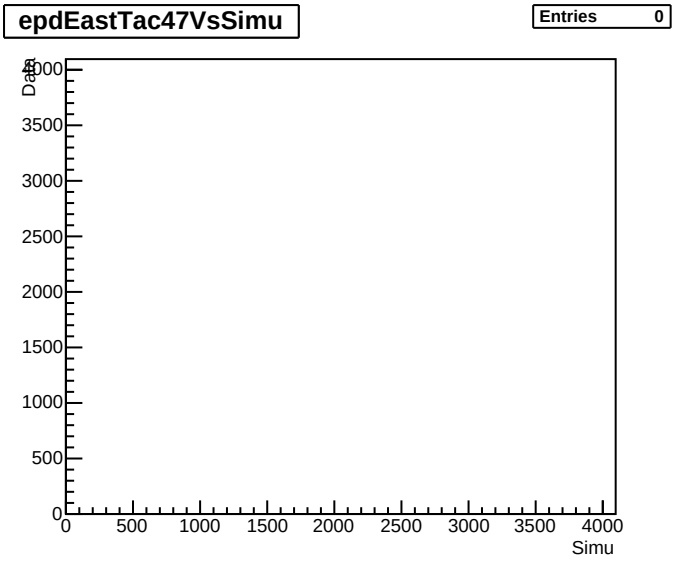

epdWestTHits
Entries 2581368
Truncated NHits
DSMInput Channel

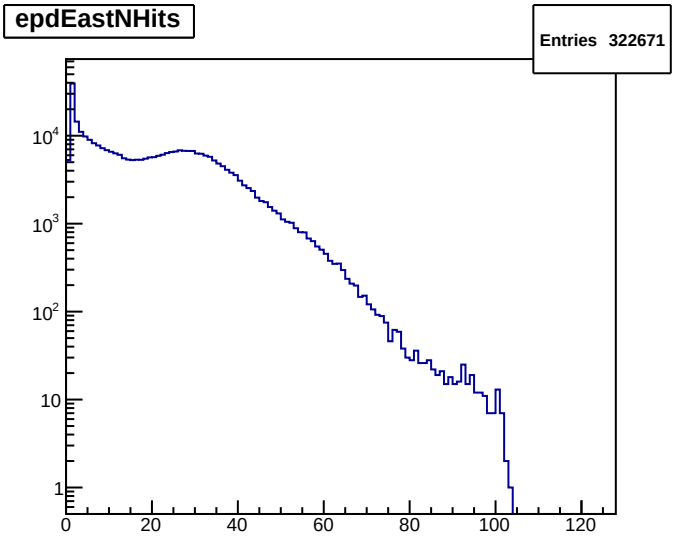

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

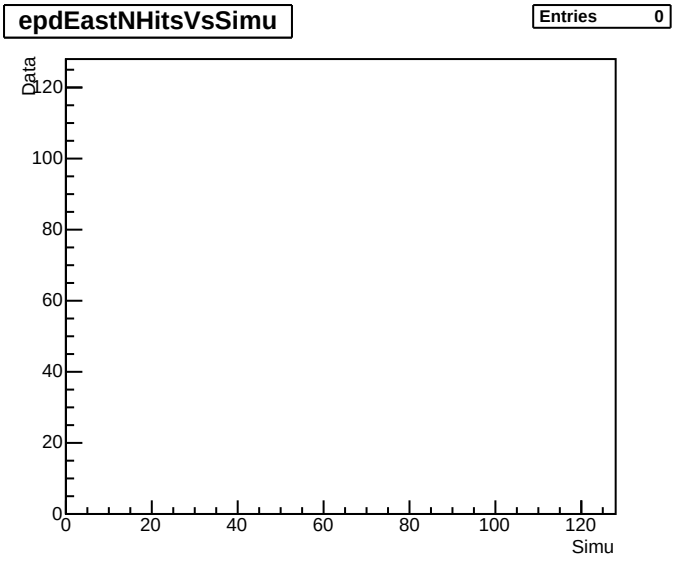

epdEastTac03
Entries 322671
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

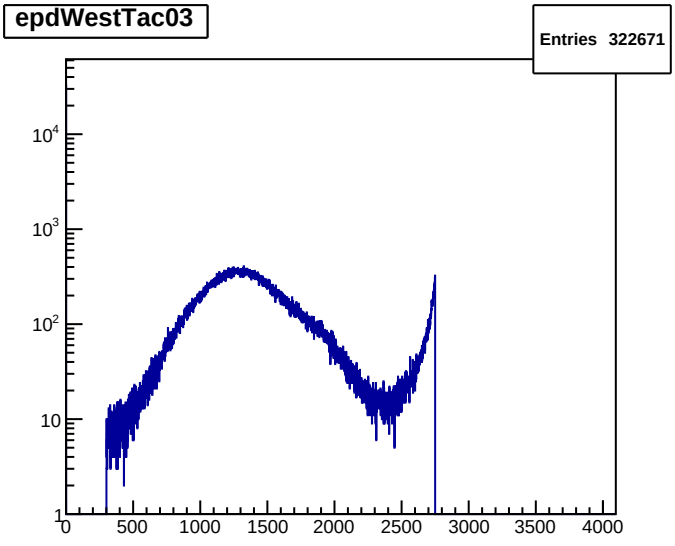

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

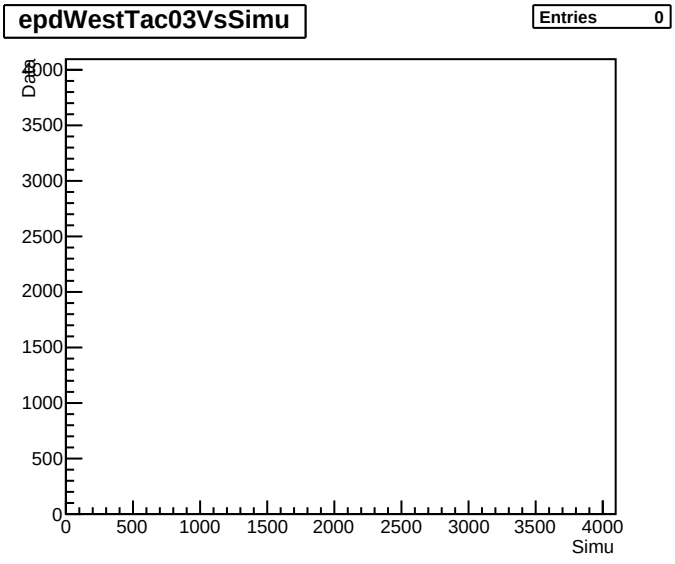

epdEastTac47
Entries 322671
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

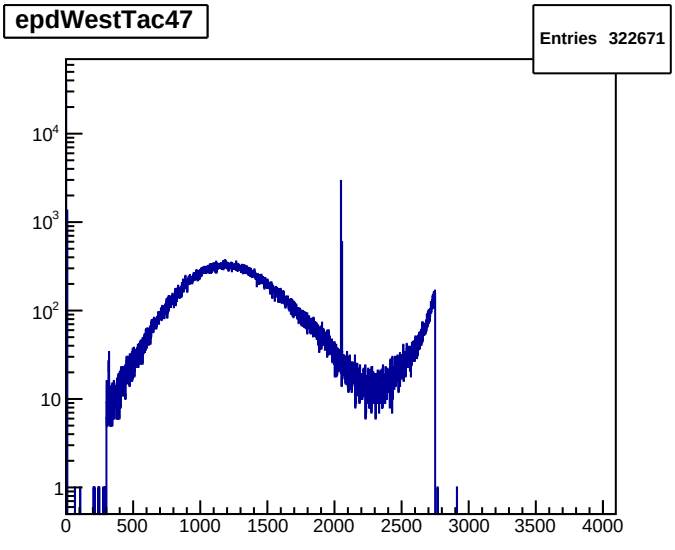

epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

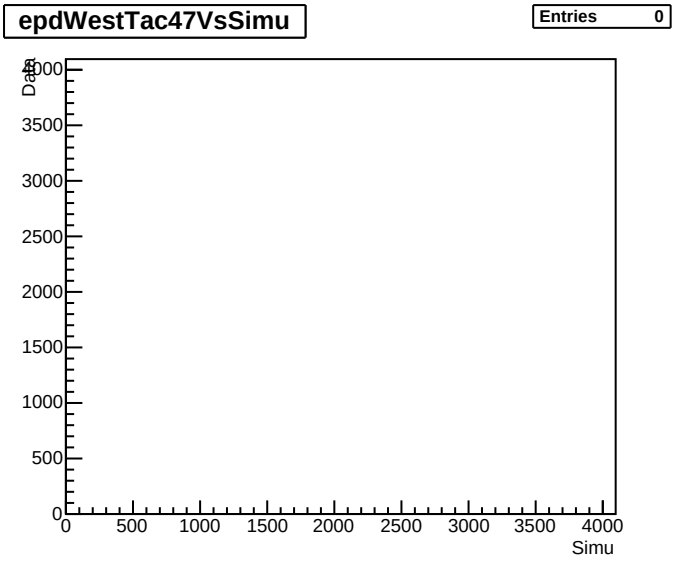

epdEastNHits
Entries 322671
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

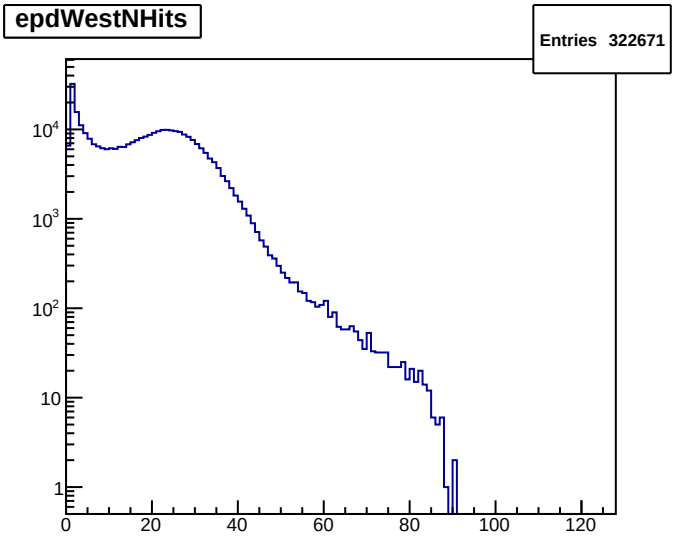

epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu

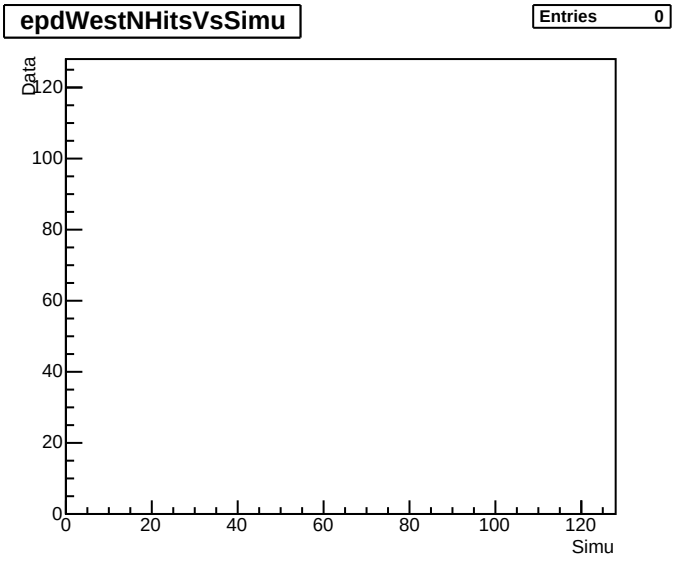

epdWestTac03
Entries 322671

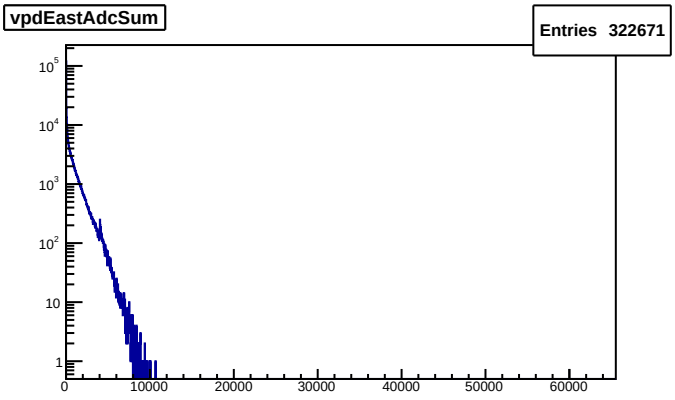

epdWestTac03VsSimu
Entries 0
Data
Simu

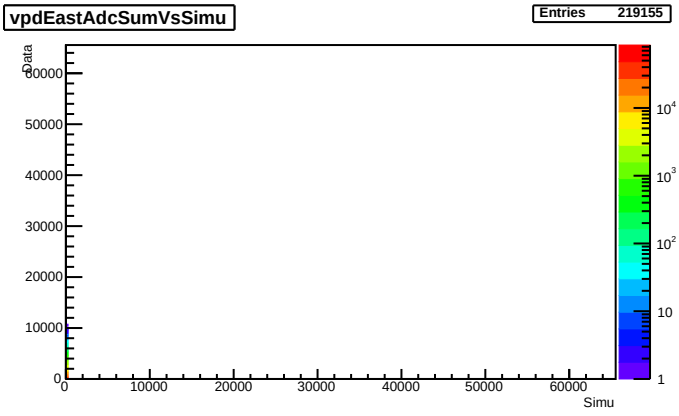

epdWestTac47
Entries 322671

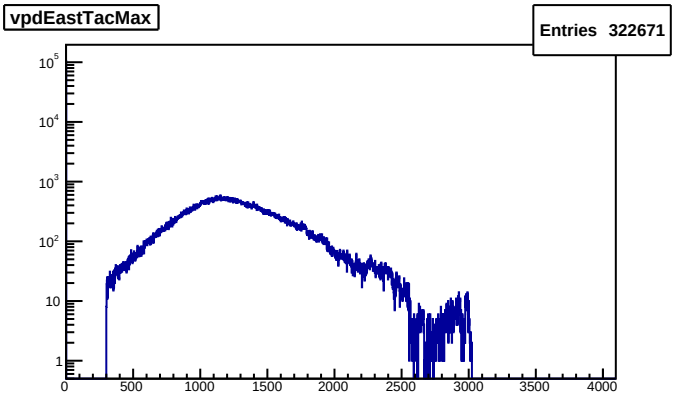

epdWestTac47VsSimu
Entries 0
Data
Simu

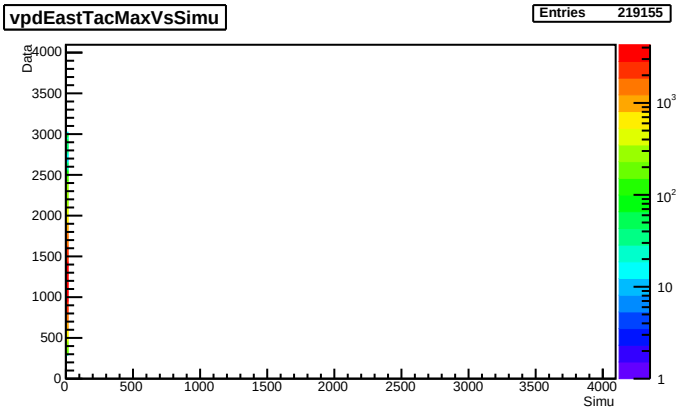

epdWestNHits
Entries 322671

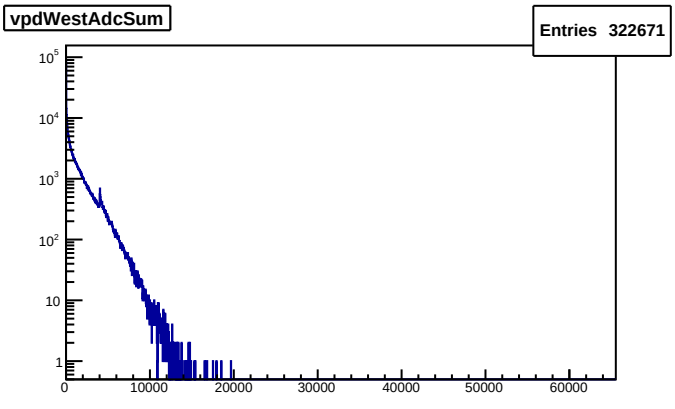

epdWestNHitsVsSimu
Entries 0
Data
Simu

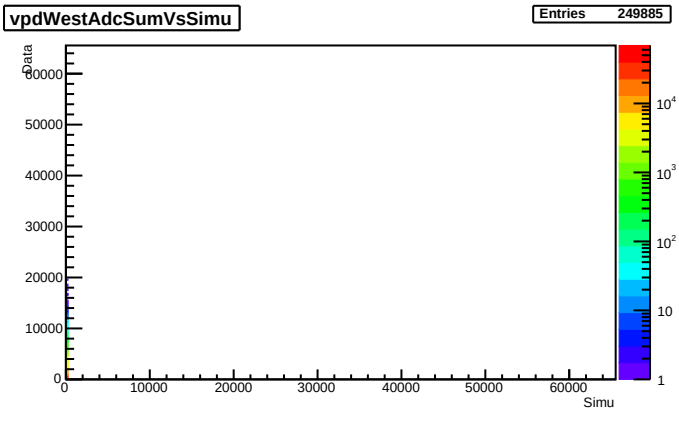

vpdEastAdcSum
Entries 322671

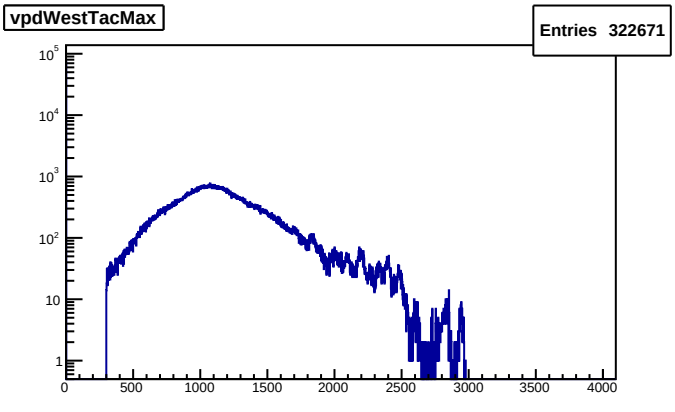

vpdEastAdcSumVsSimu
Entries 219155
Data
Simu

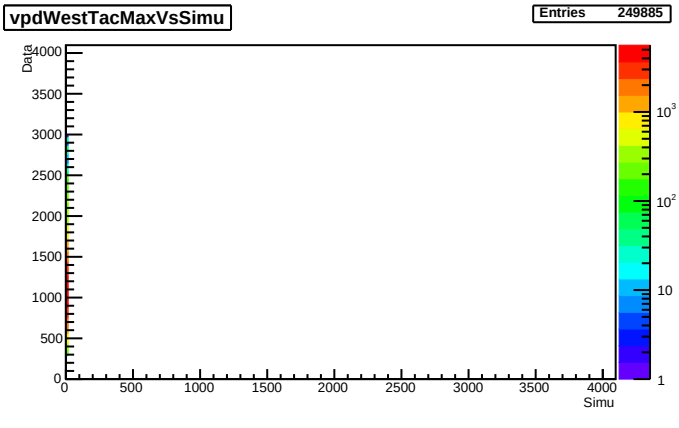

vpdEastTacMax
Entries 322671

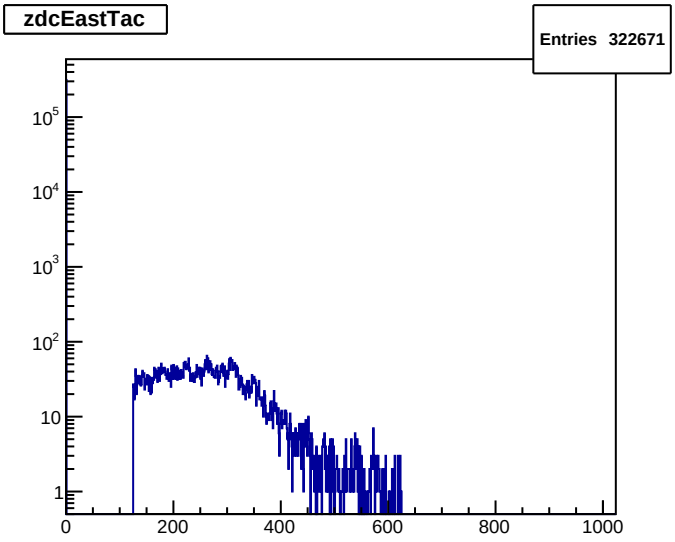

vpdEastTacMaxVsSimu
Entries 219155
Data
Simu

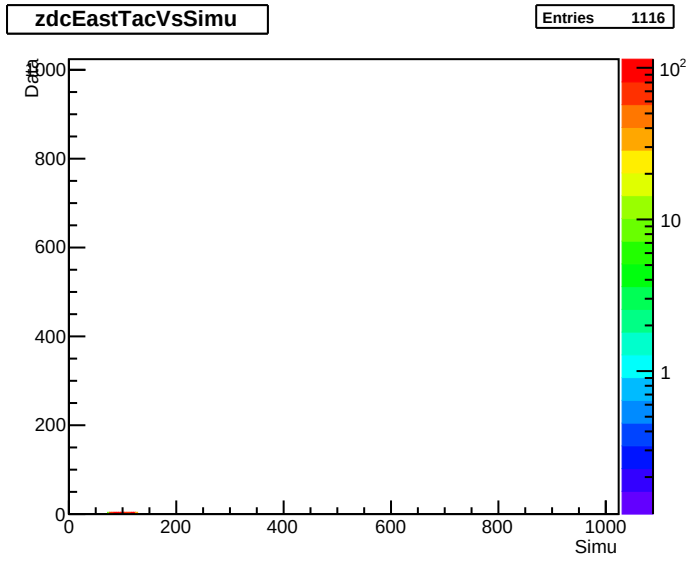

vpdWestAdcSum
Entries 322671

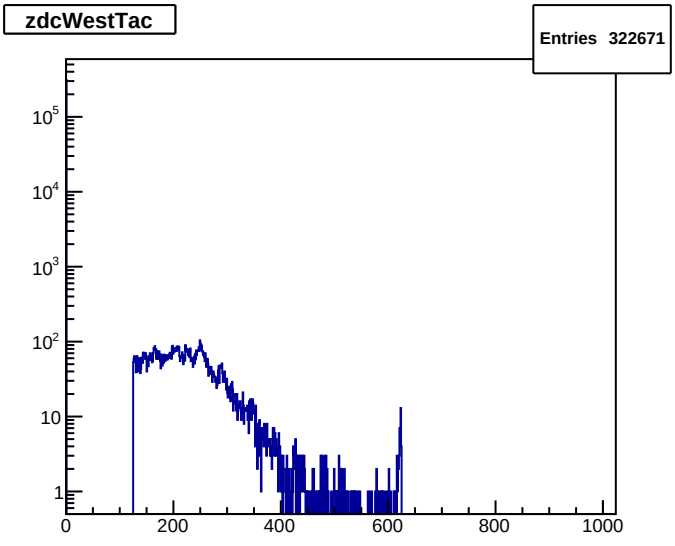

vpdWestAdcSumVsSimu
Entries 249885
Data
Simu

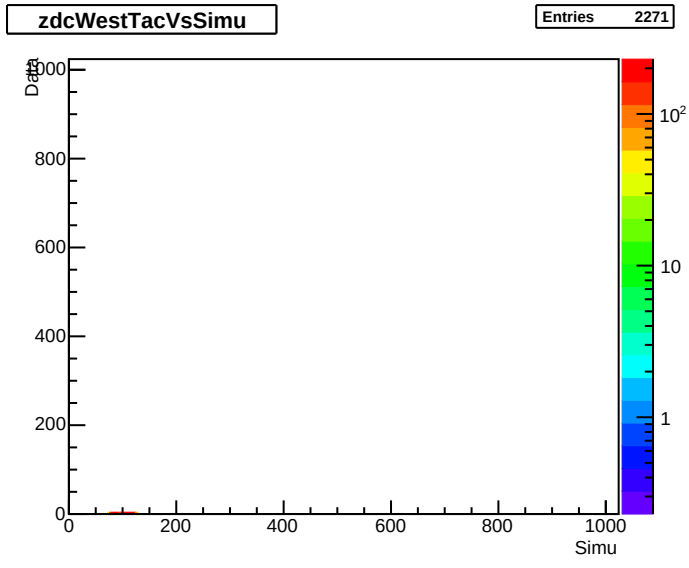

vpdWestTacMax
Entries 322671

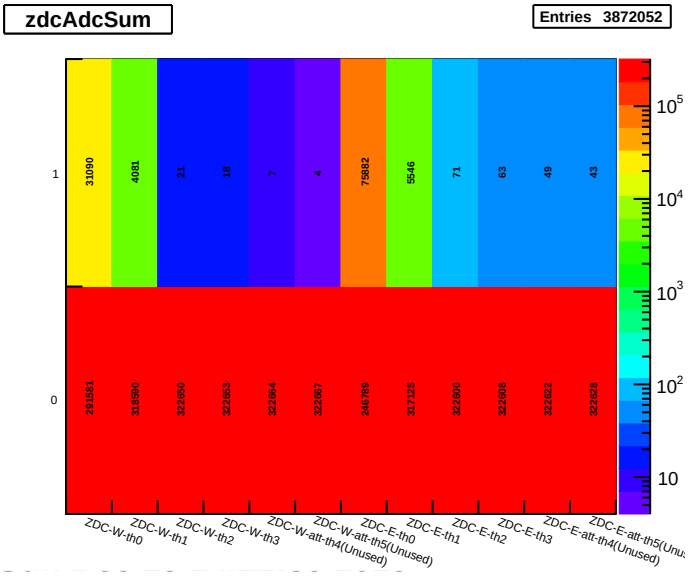

vpdWestTacMaxVsSimu
Entries 249885
Data
Simu

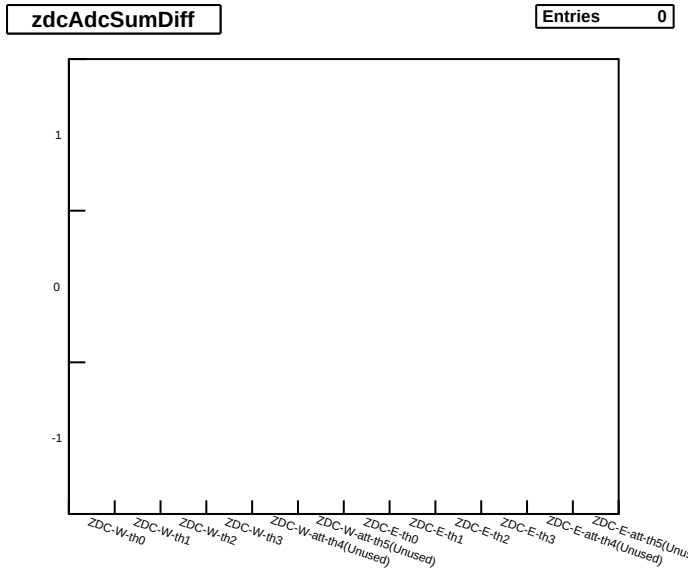

zdcEastTac
Entries 322671

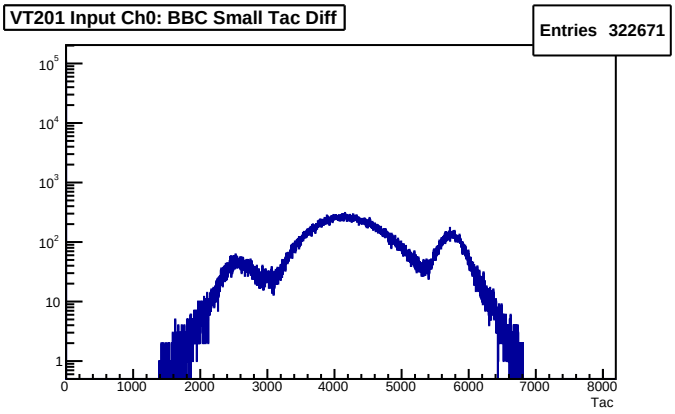

zdcEastTacVsSimu
Entries 1116
Data
Simu

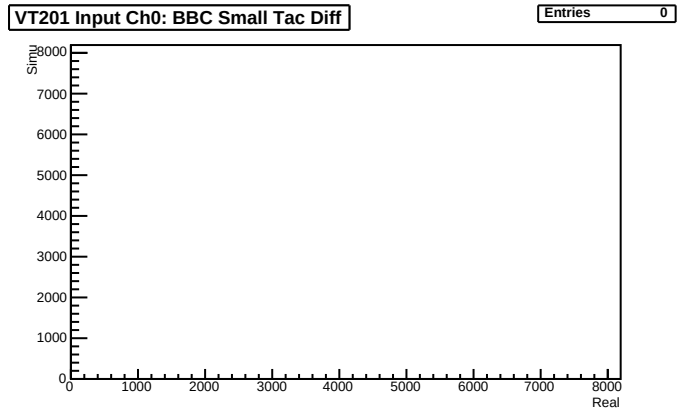

zdcWestTac
Entries 322671

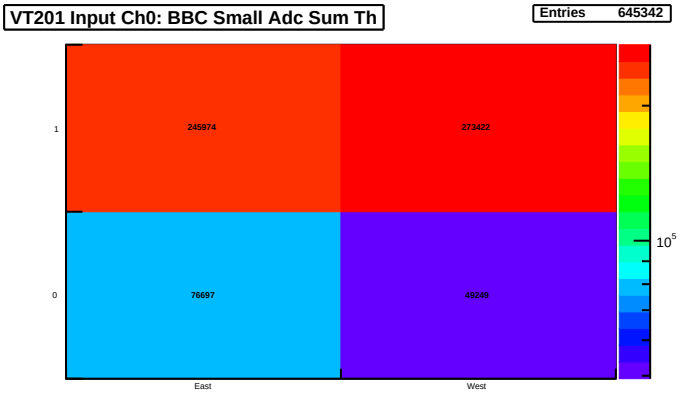

zdcWestTacVsSimu
Entries 2271
Data
Simu

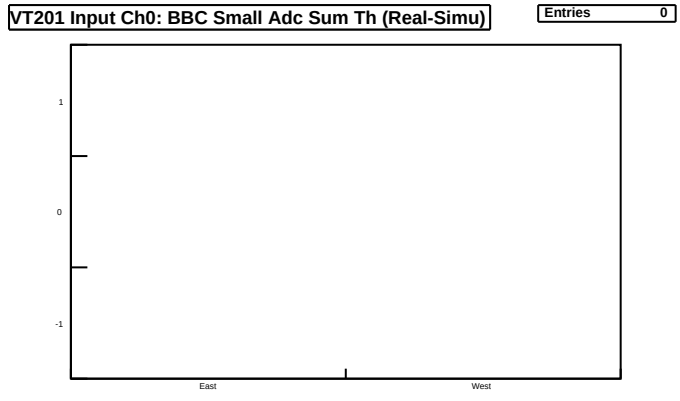

zdcAdcSum
Entries 3872052
31090
4081
21
18
7
4
75882
5546
71
63
49
43
291581
318590
322650
322653
322664
322667
246789
317125
322600
322608
322622
322628
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

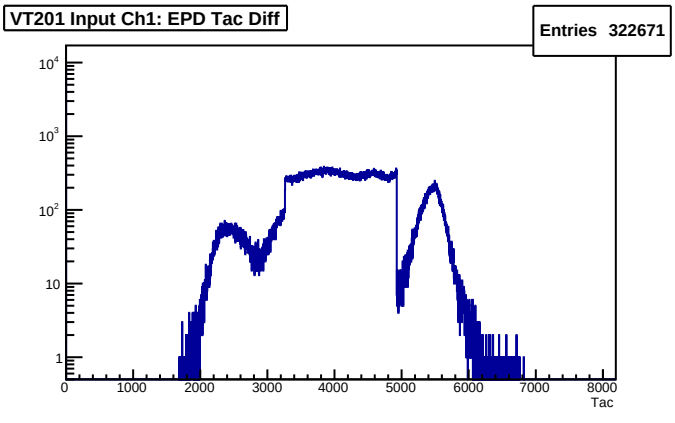

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

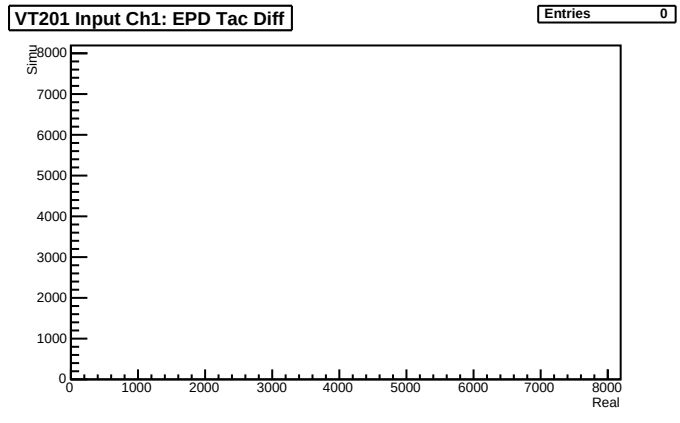

VT201 Input Ch0: BBC Small Tac Diff
Entries 322671
Tac

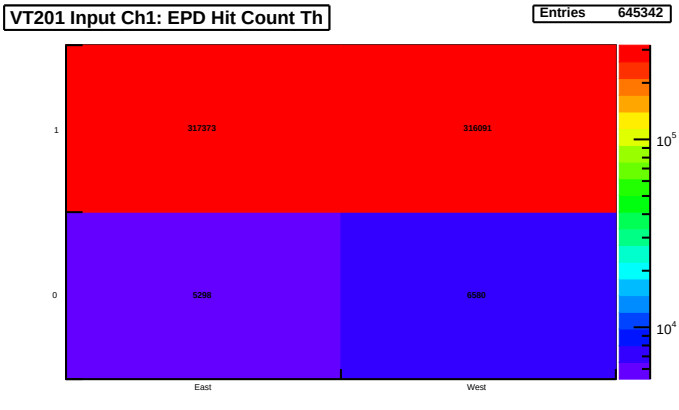

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

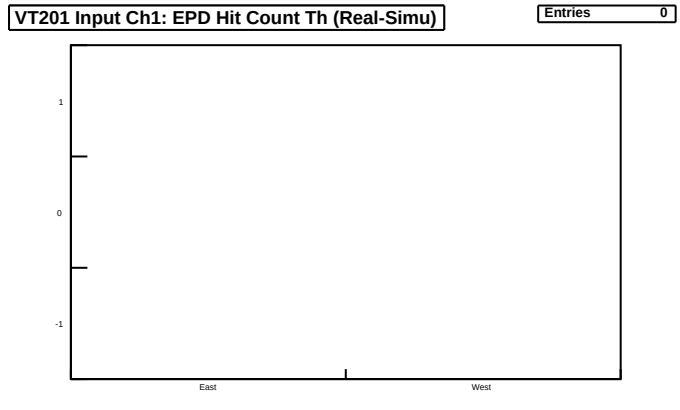

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 645342
245974
273422
76697
49249
East
West

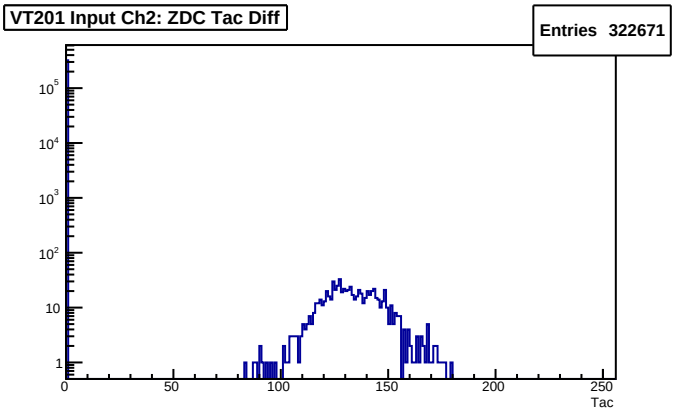

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

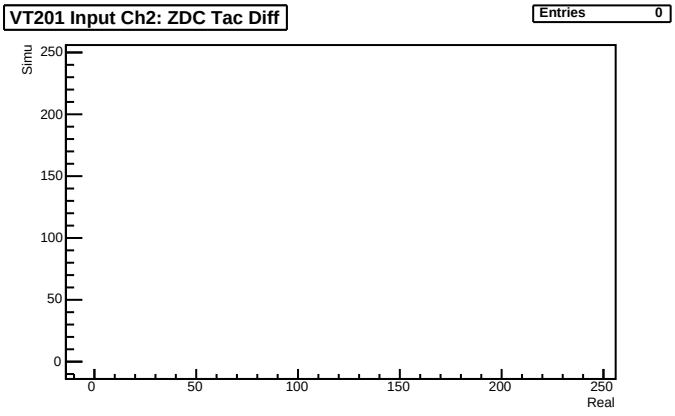

VT201 Input Ch1: EPD Tac Diff
Entries 322671
Tac

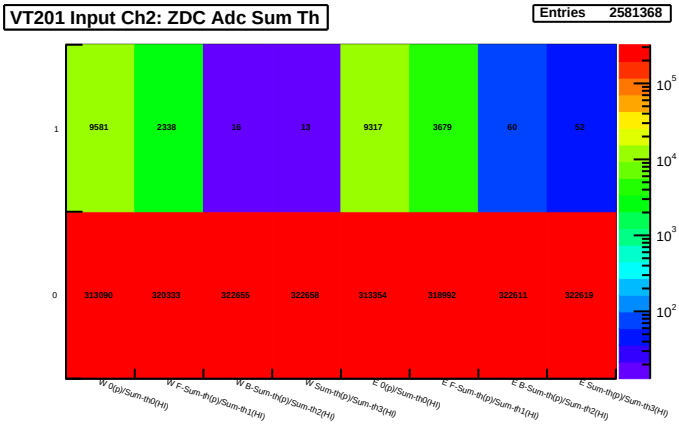

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

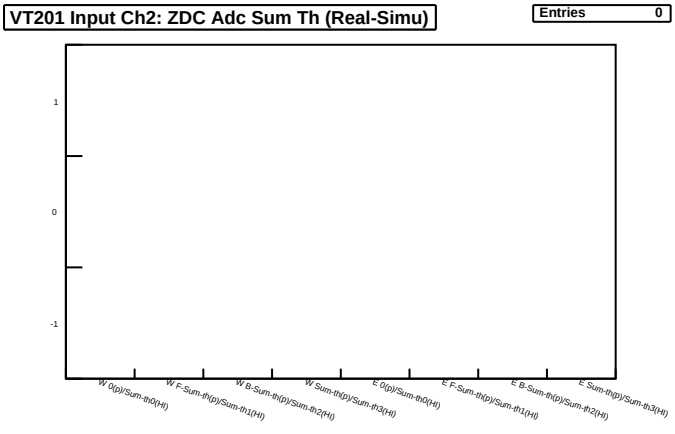

VT201 Input Ch1: EPD Hit Count Th
Entries 645342
317373
316091
5298
6580
East
West

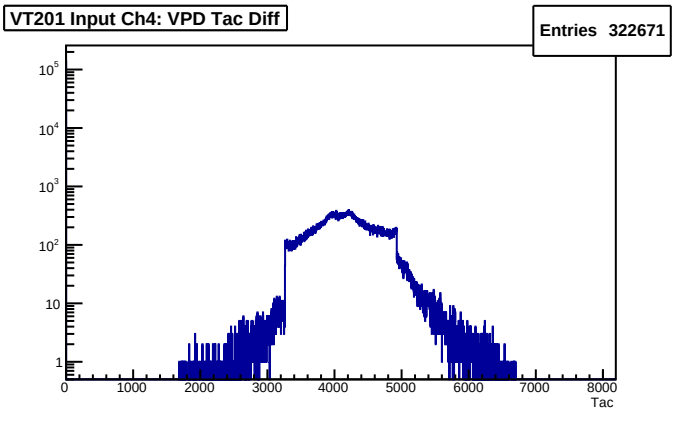

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

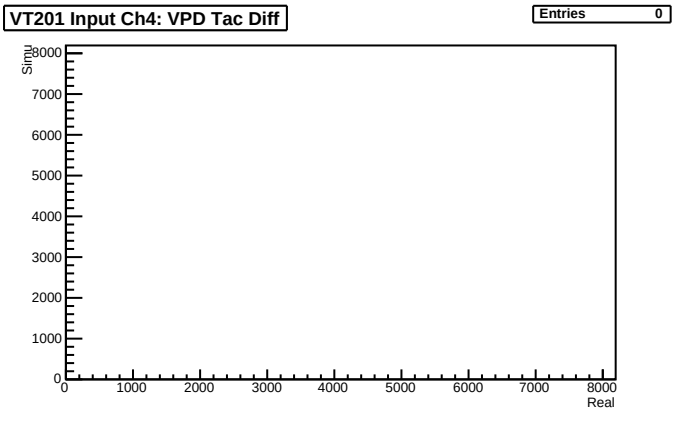

VT201 Input Ch2: ZDC Tac Diff
Entries 322671
Tac

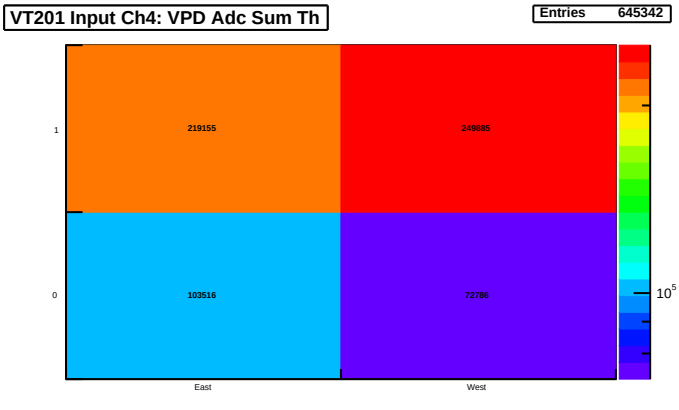

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

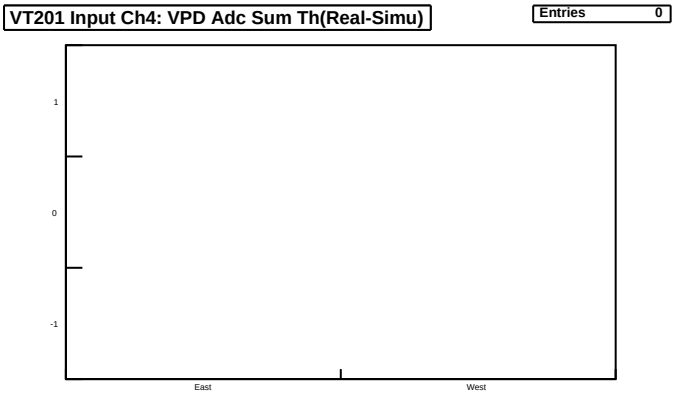

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2581368
9581
2338
16
13
9317
3679
60
52
313090
320333
322655
322658
313354
318992
322611
322619
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

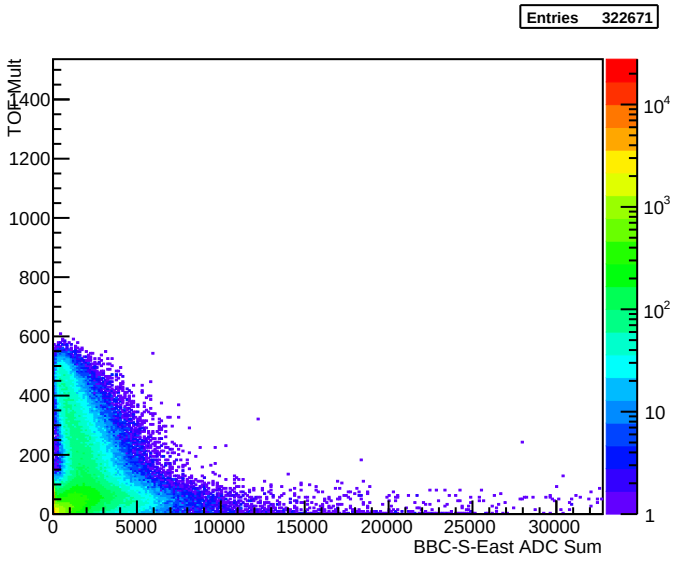

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

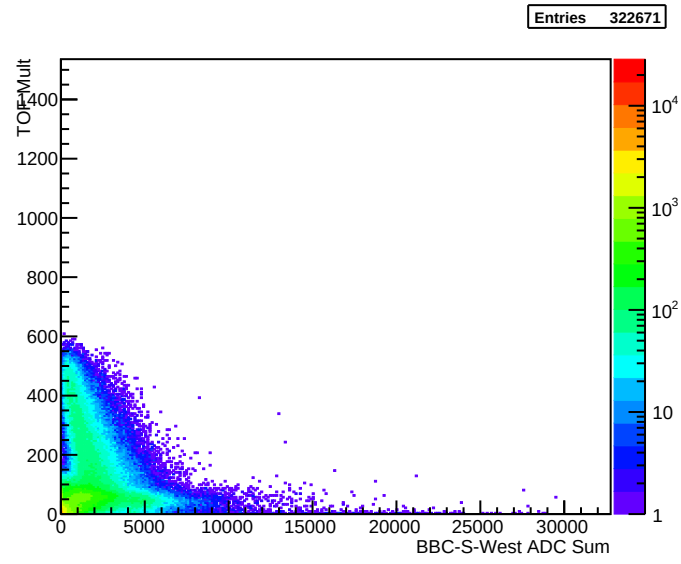

VT201 Input Ch4: VPD Tac Diff
Entries 322671
Tac

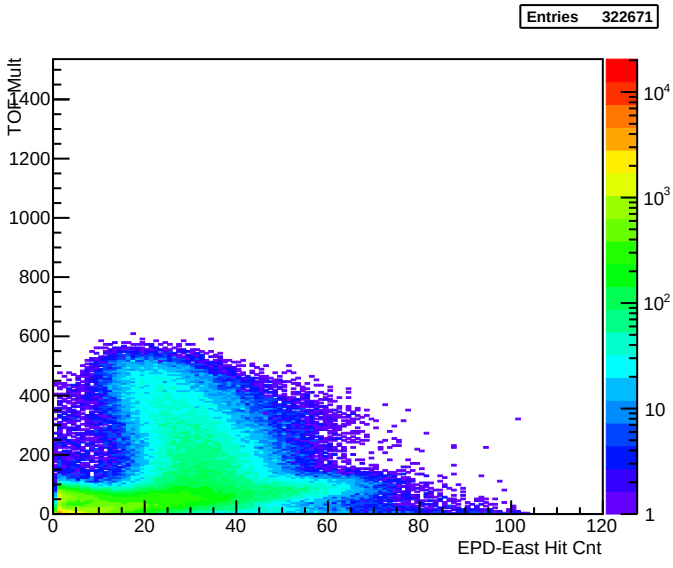

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

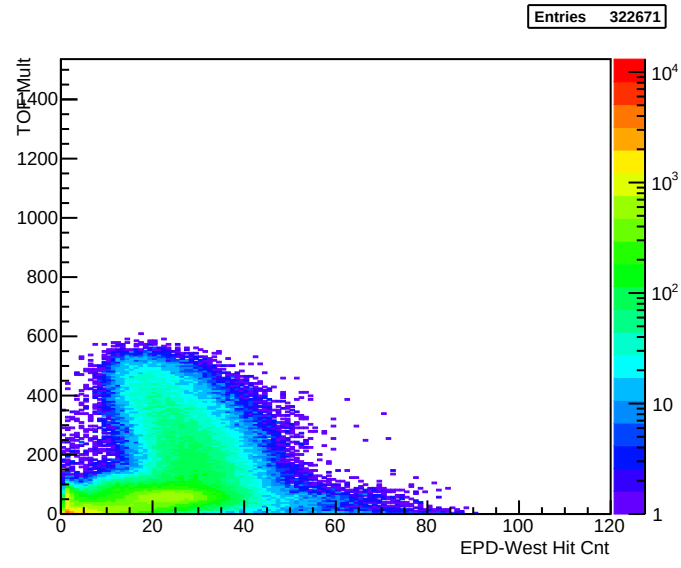

VT201 Input Ch4: VPD Adc Sum Th
Entries 645342
219155
249885
103516
72786
East
West

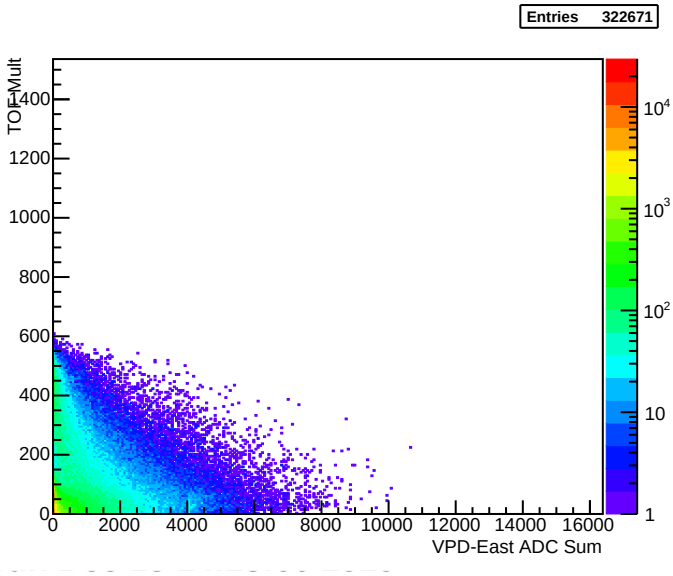

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

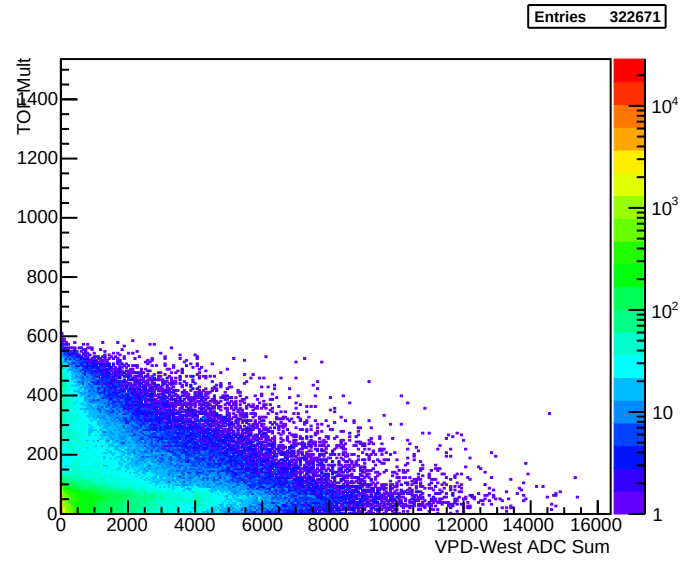

Entries 322671
TOF-Mult
BBC-S-East ADC Sum

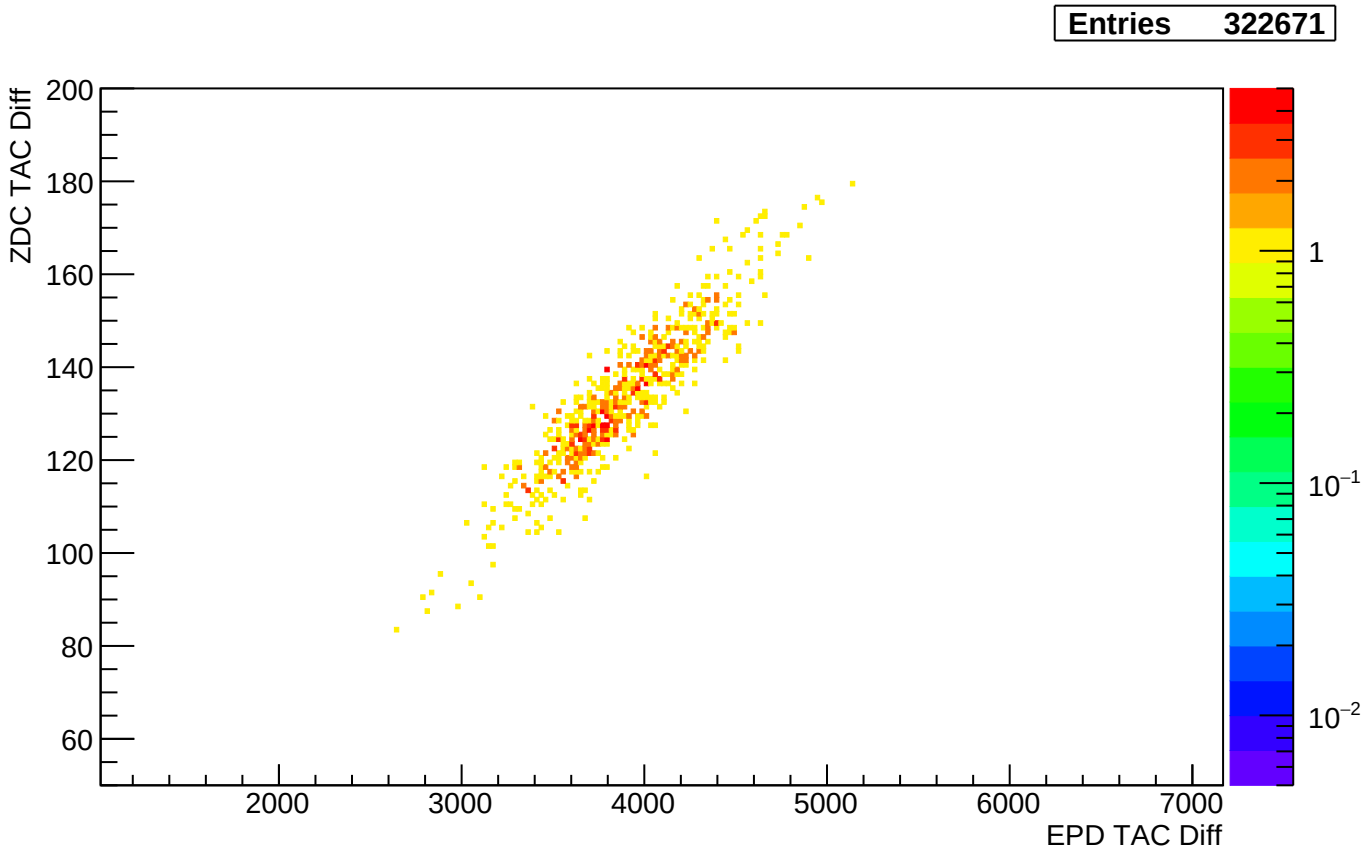

Entries 322671
TOF-Mult
BBC-S-West ADC Sum

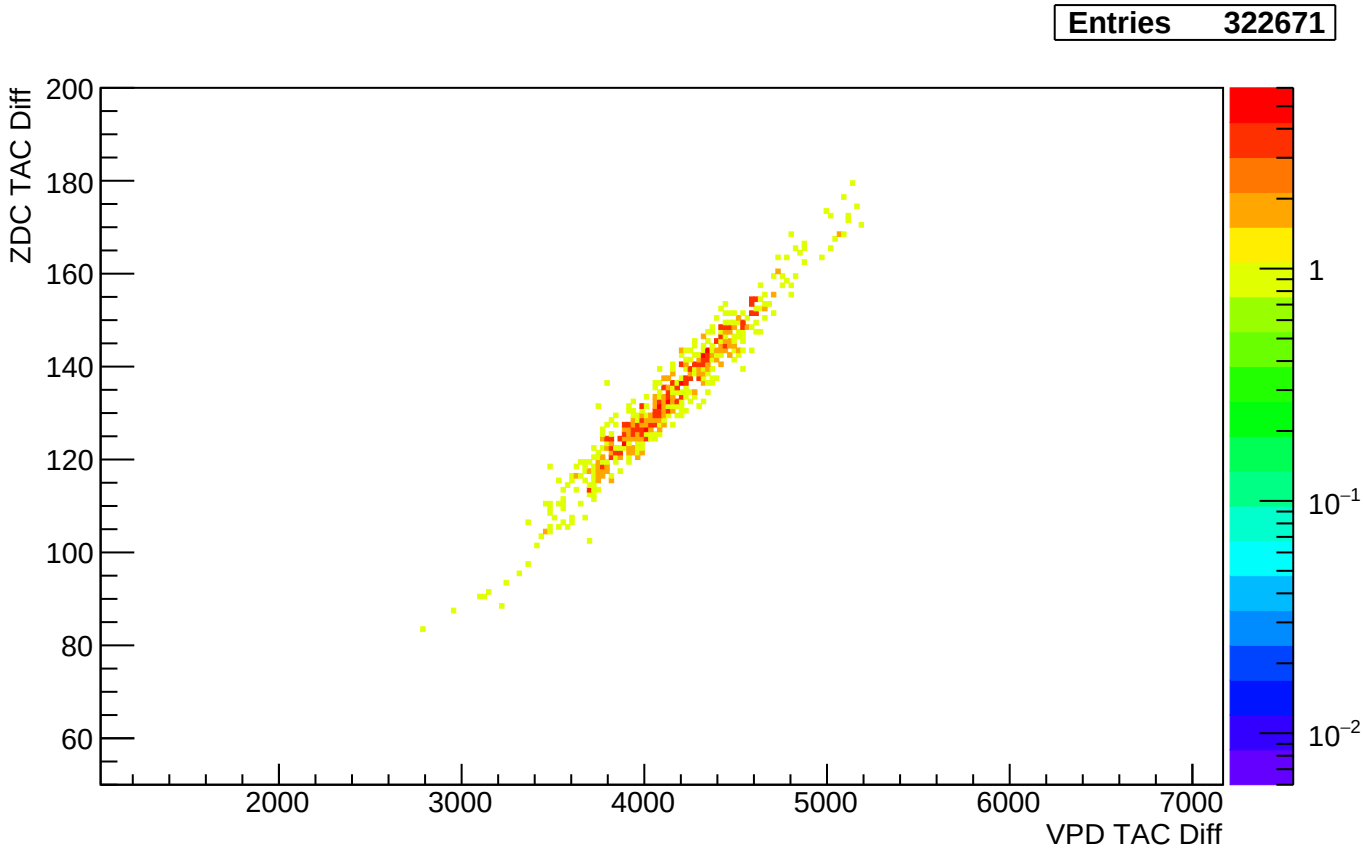

Entries 322671
TOF-Mult
EPD-East Hit Cnt

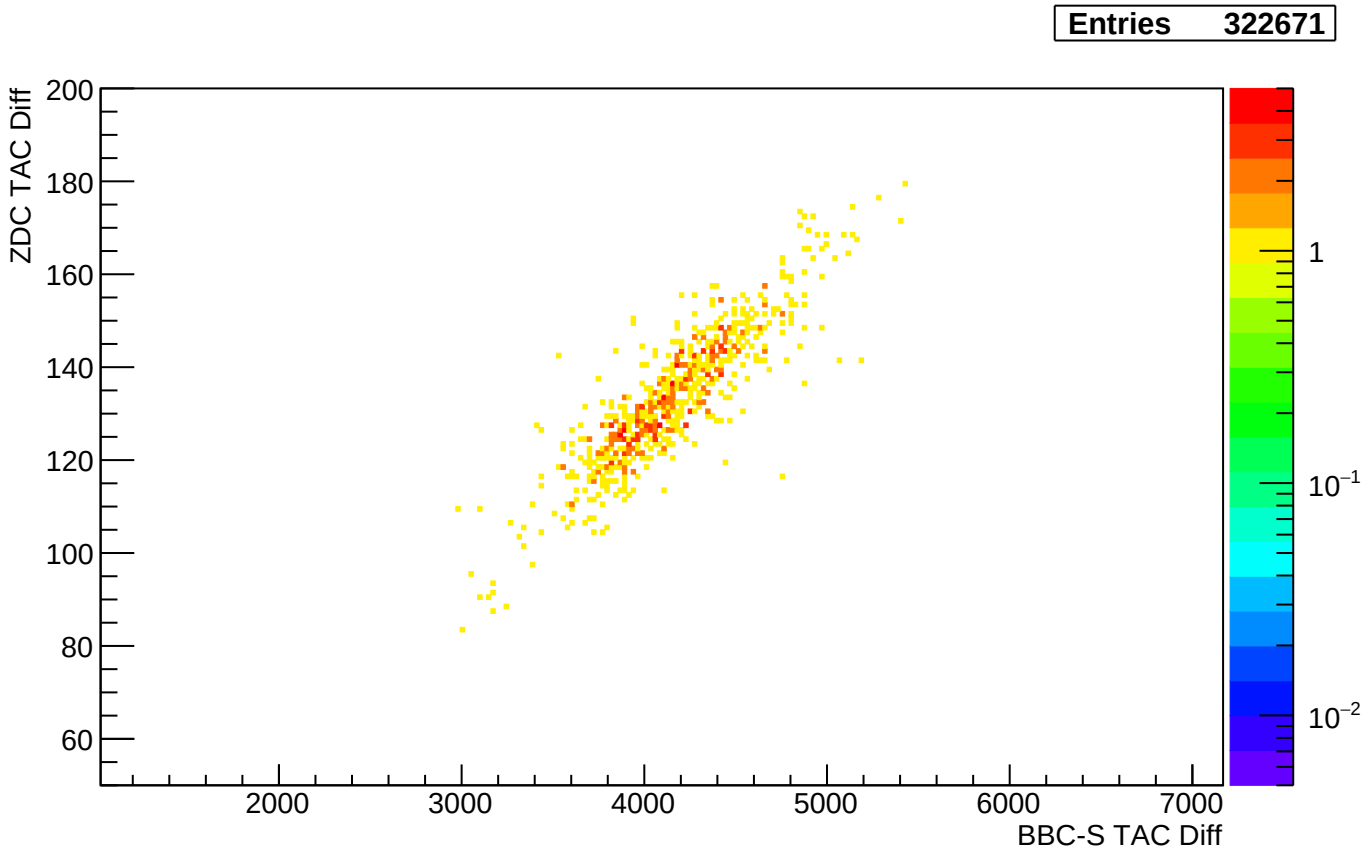

Entries 322671
TOF-Mult
EPD-West Hit Cnt

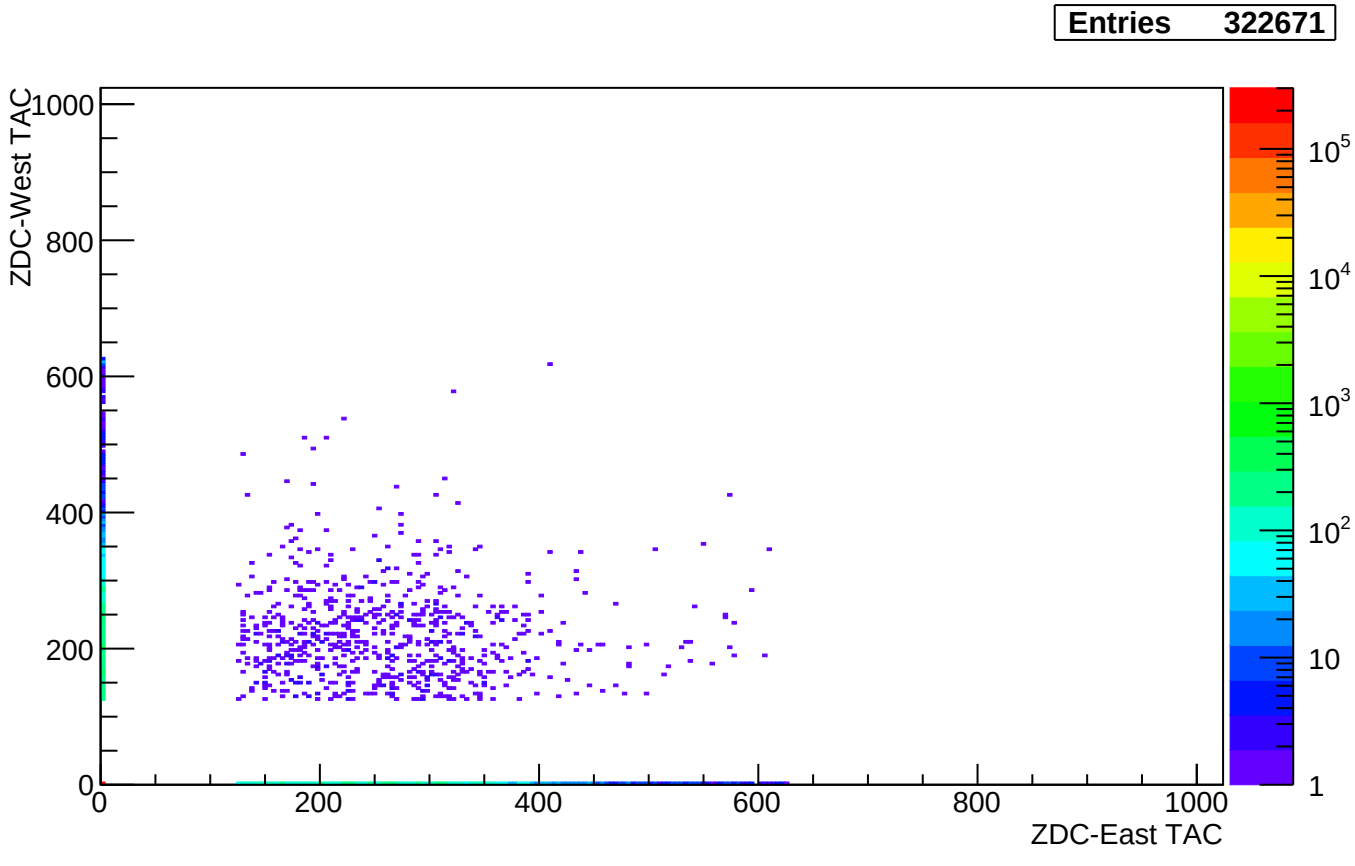

Entries 322671
TOF-Mult
VPD-East ADC Sum

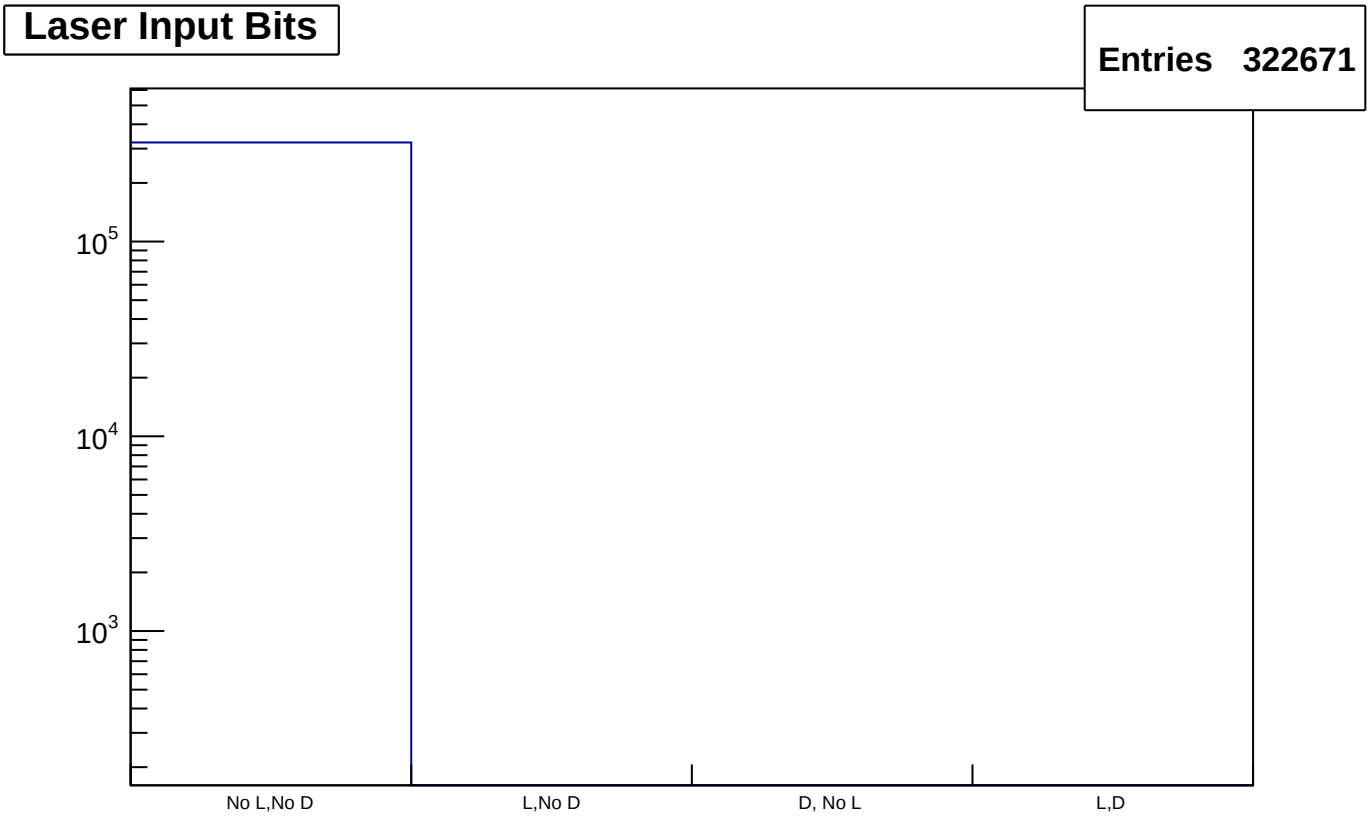

Entries 322671
TOF-Mult
VPD-West ADC Sum

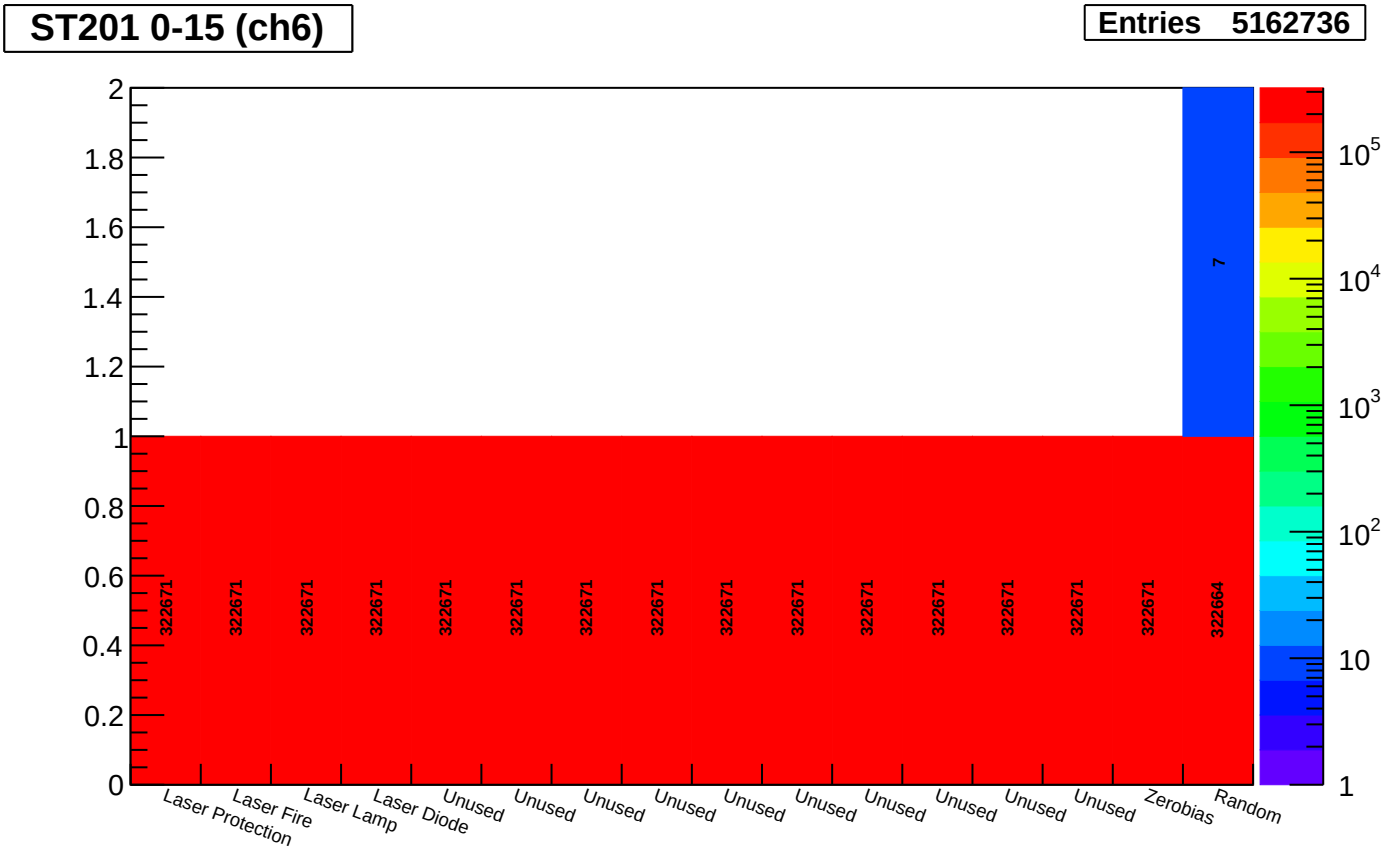

Entries 322671
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

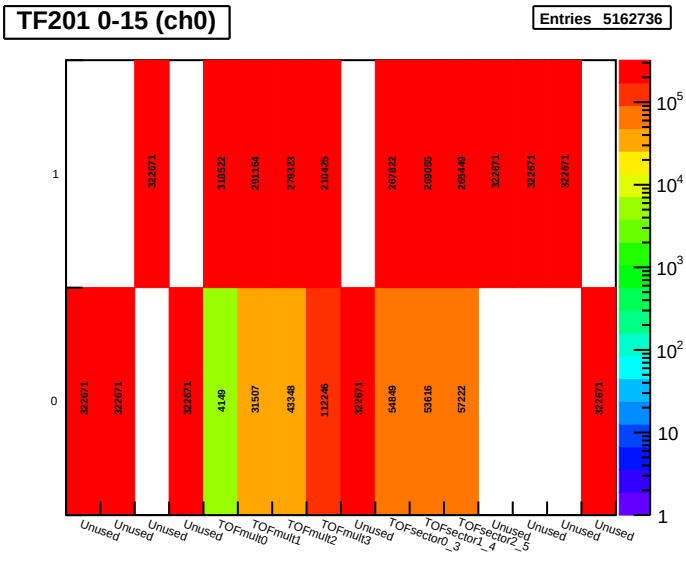

Entries 322671
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

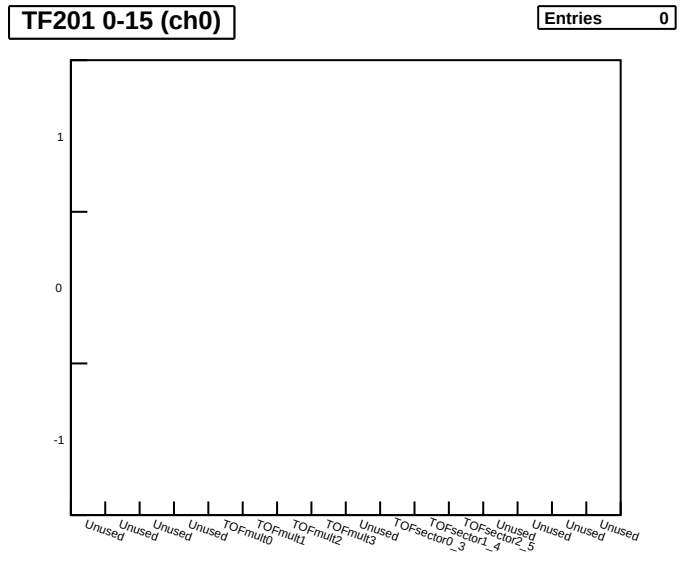

Entries 322671
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

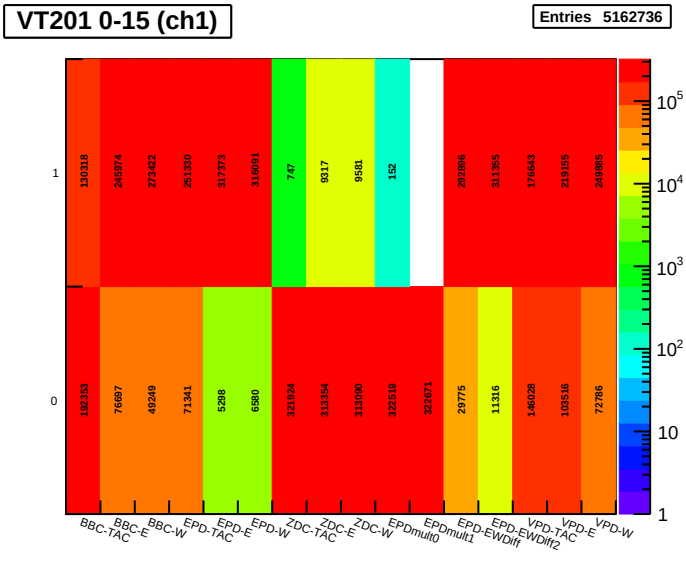

Entries 322671
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

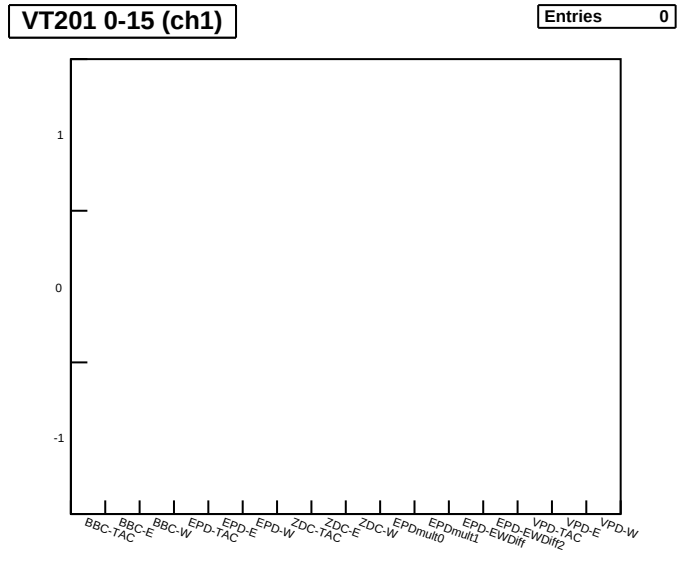

Laser Input Bits
Entries 322671
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

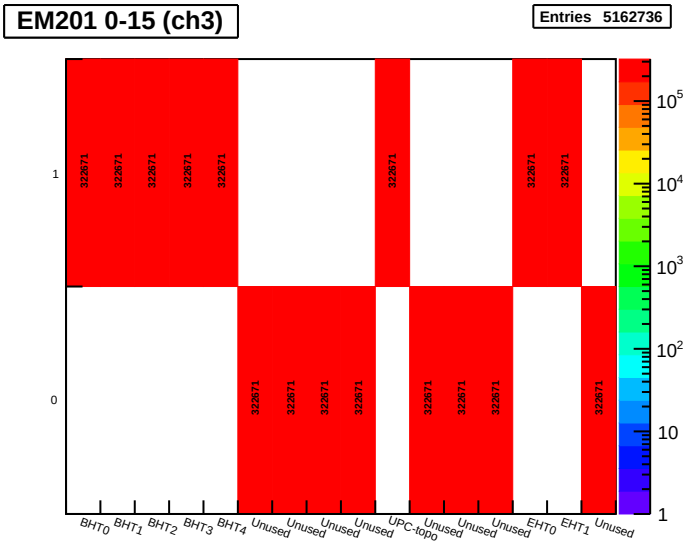

ST201 0-15 (ch6)
Entries 5162736
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
322671
322664
7
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

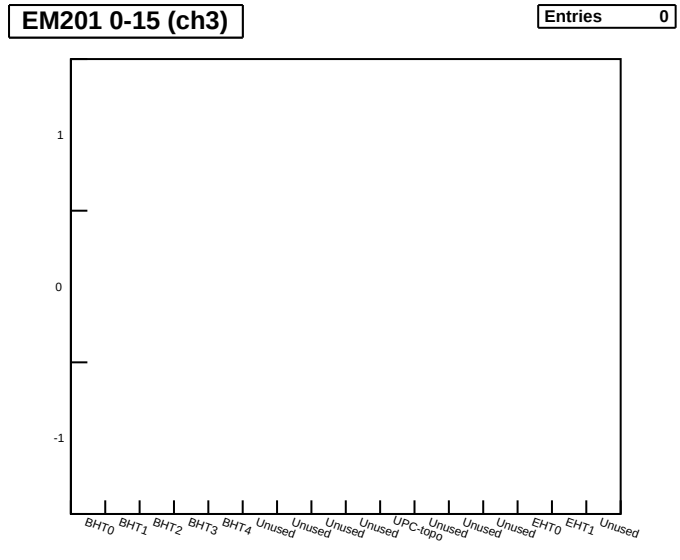

TF201 0-15 (ch0)
Entries 5162736
1
0
322671
318522
291164
279323
210425
267822
269055
265449
322671
322671
322671
322671
322671
322671
4149
31507
43348
112246
322671
54849
53616
57222
322671
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 5162736
1
0
130318
245974
273422
251330
317373
316091
747
9317
9581
152
292896
311355
176643
219155
249885
192353
76697
49249
71341
5298
6580
321924
313354
313090
322519
322671
29775
11316
146028
103516
72786
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 5162736
1
0
322671
322671
322671
322671
322671
322671
322671
322671
322671
322671
322671
322671
322671
322671
322671
322671
322671
322671
322671
322671
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1