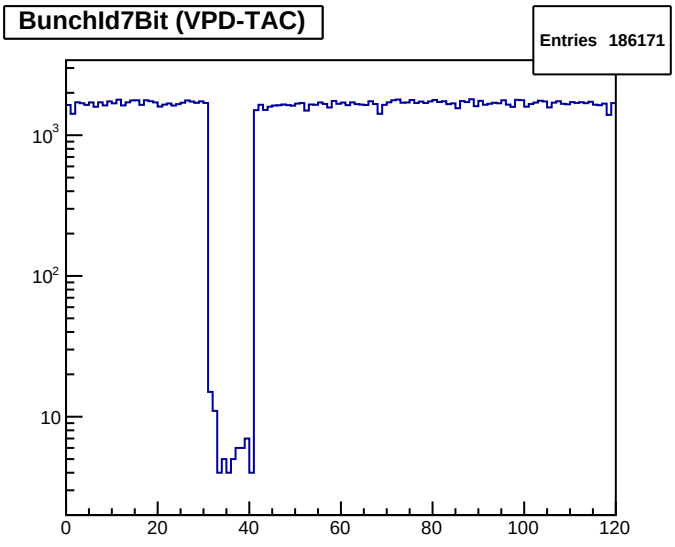
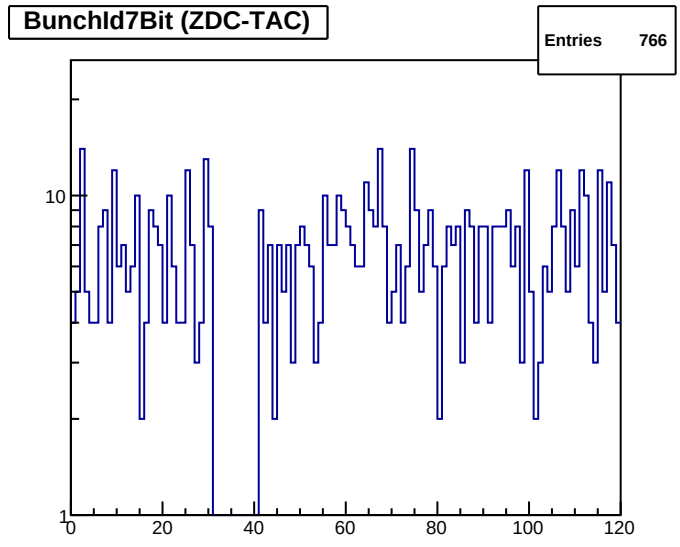
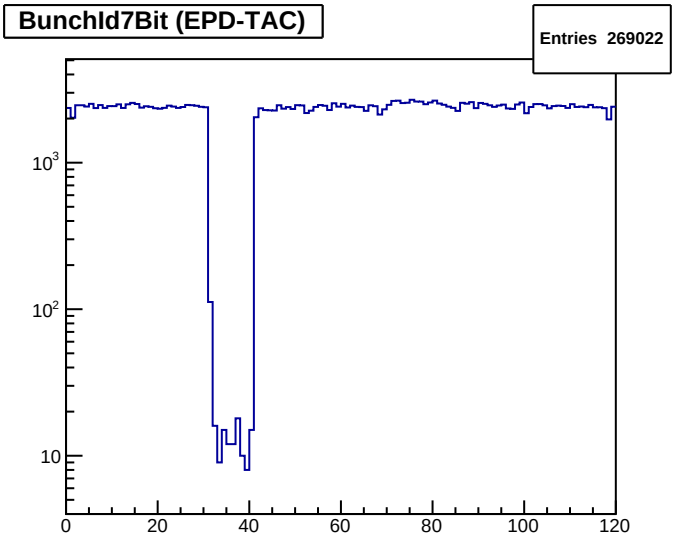
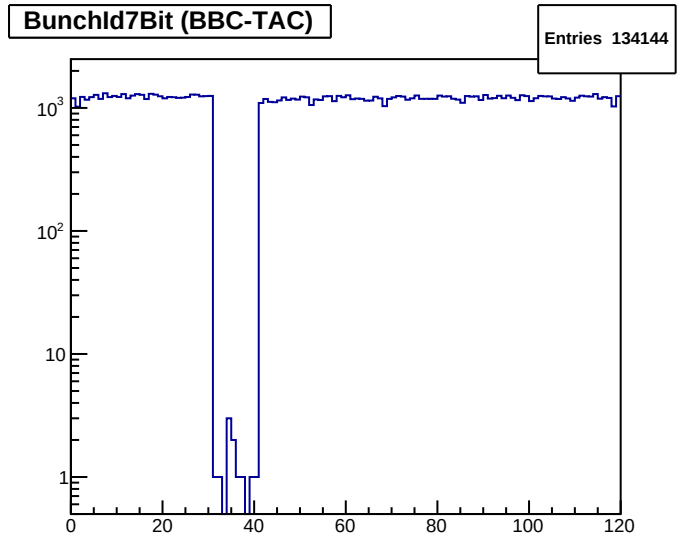
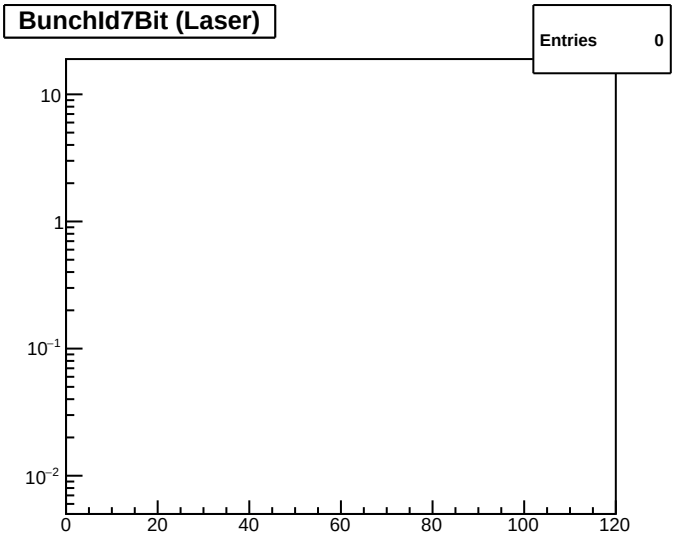
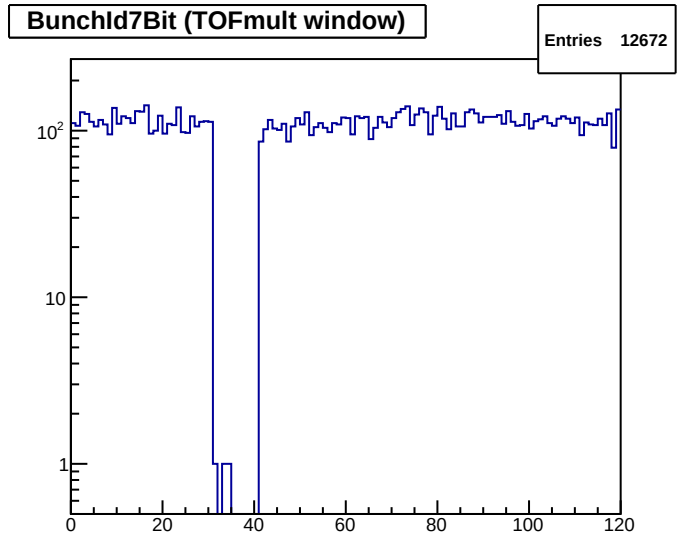

BunchId7Bit (VPD-TAC)
Entries 186171

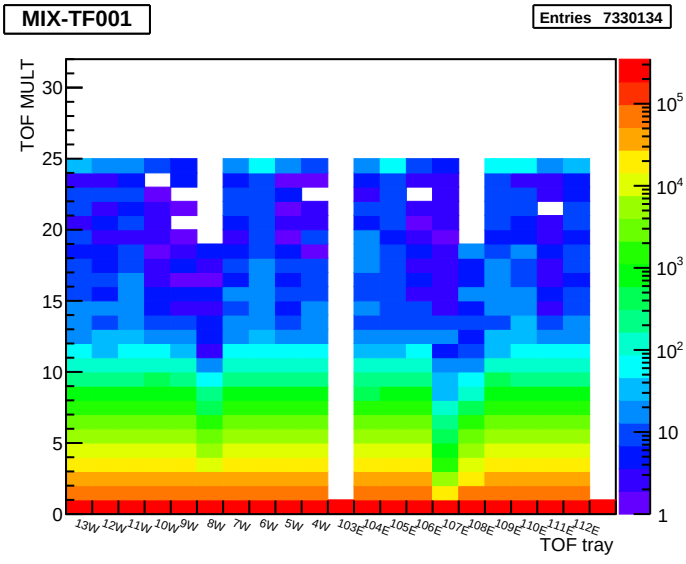

BunchId7Bit (ZDC-TAC)
Entries 766

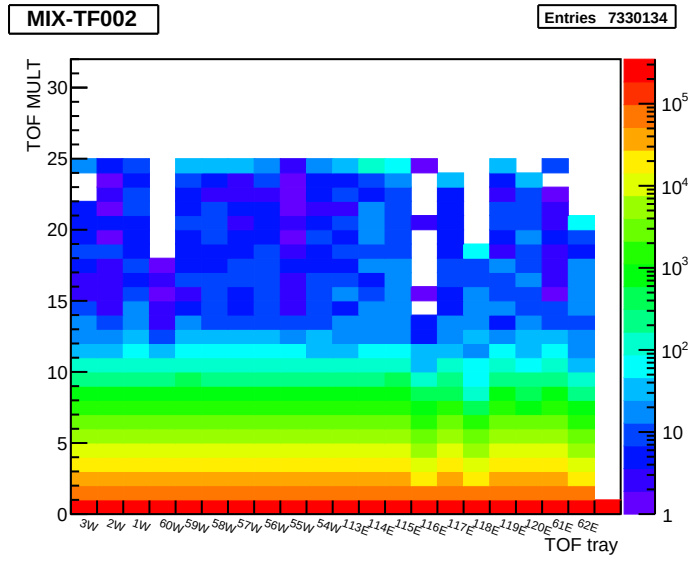

BunchId7Bit (EPD-TAC)
Entries 269022

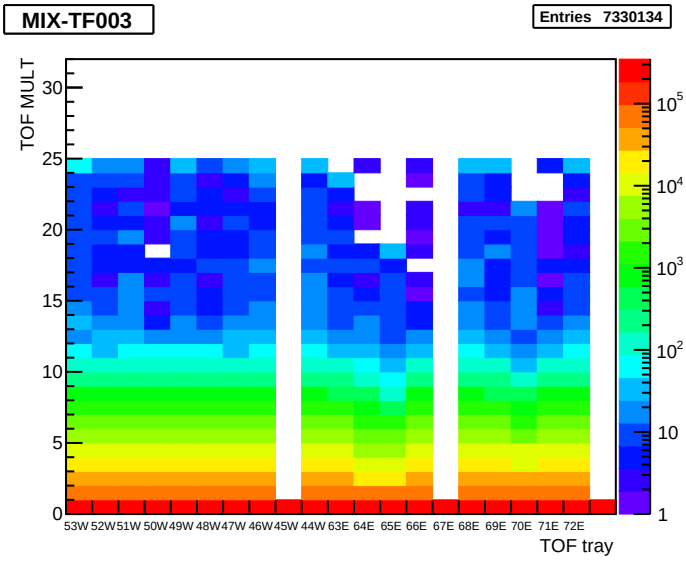

BunchId7Bit (BBC-TAC)
Entries 134144

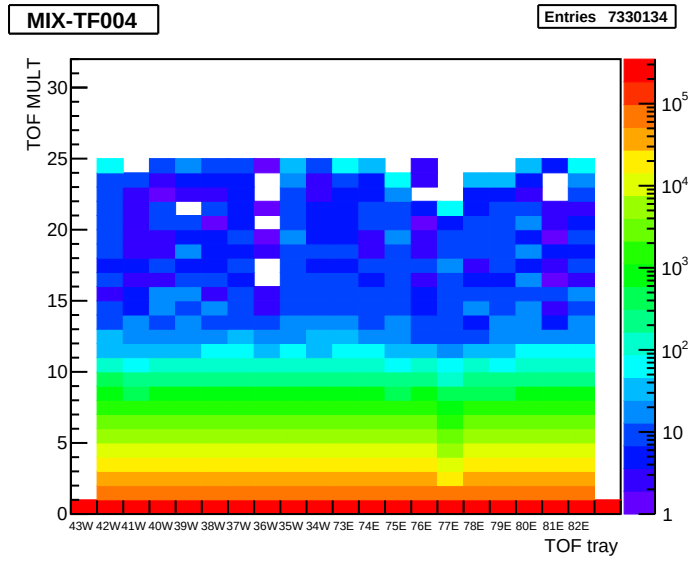

BunchId7Bit (Laser)
Entries 0

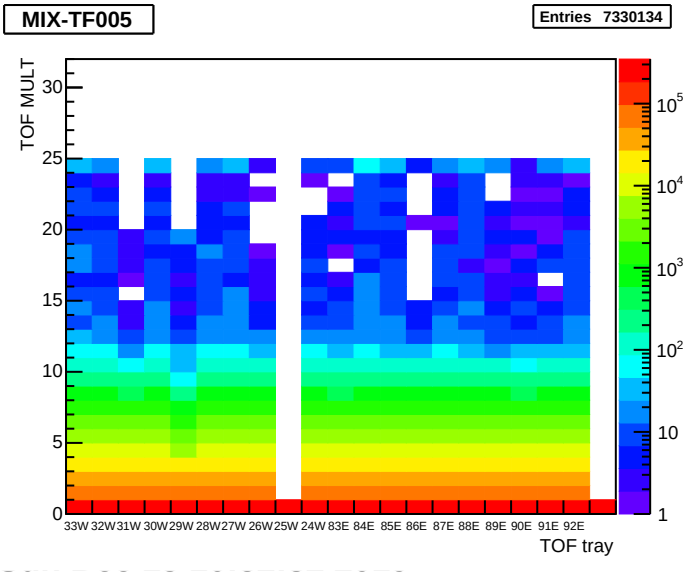

BunchId7Bit (TOFmult window)
Entries 12672

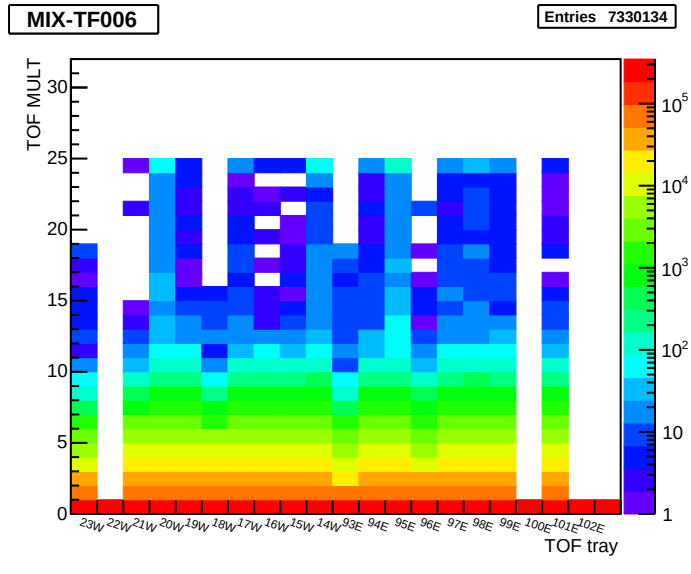

MIX-TF001
Entries 7330134
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

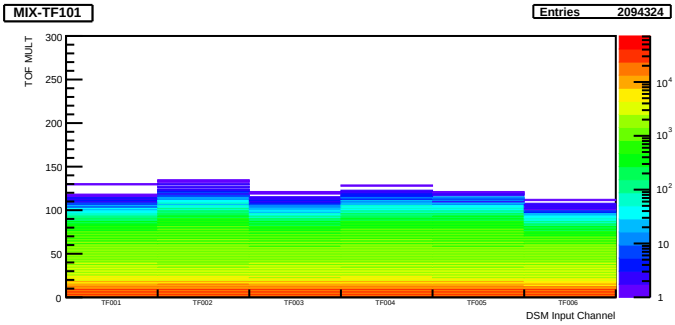

MIX-TF002
Entries 7330134
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

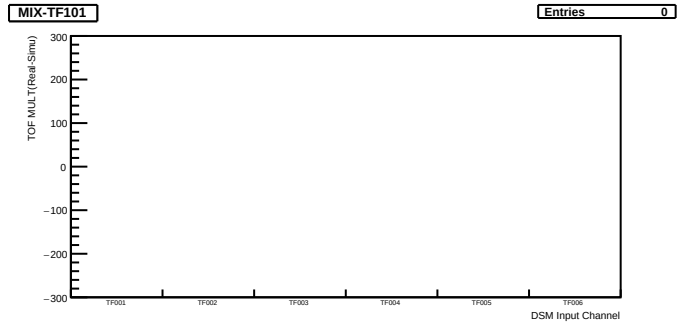

MIX-TF003
Entries 7330134
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

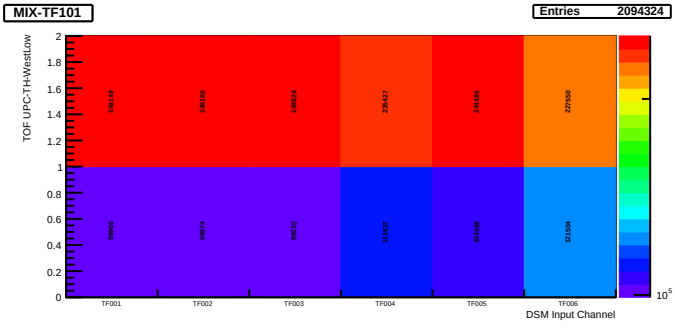

MIX-TF004
Entries 7330134
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

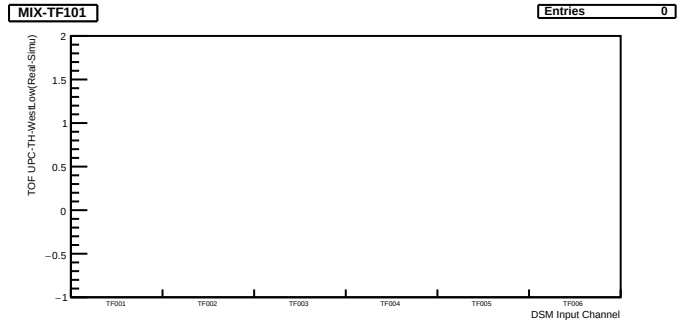

MIX-TF005
Entries 7330134
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

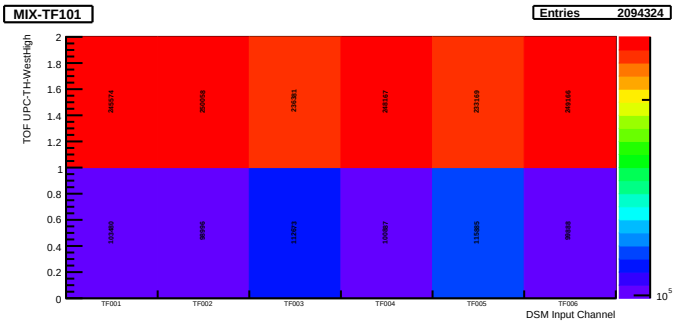

MIX-TF006
Entries 7330134
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

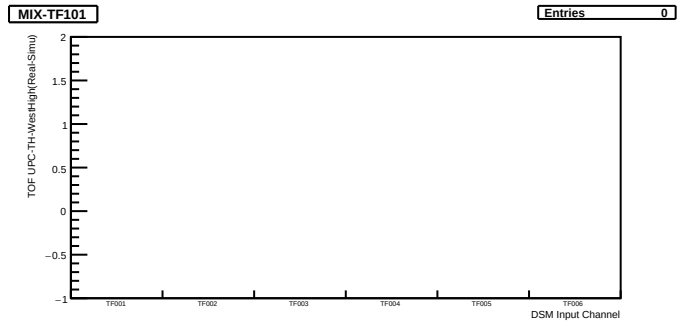

MIX-TF101
Entries 2094324
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

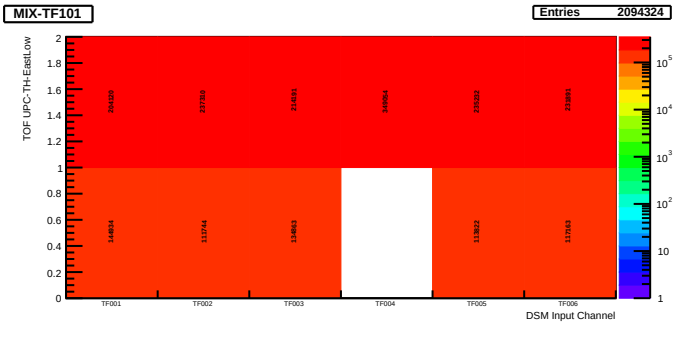

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

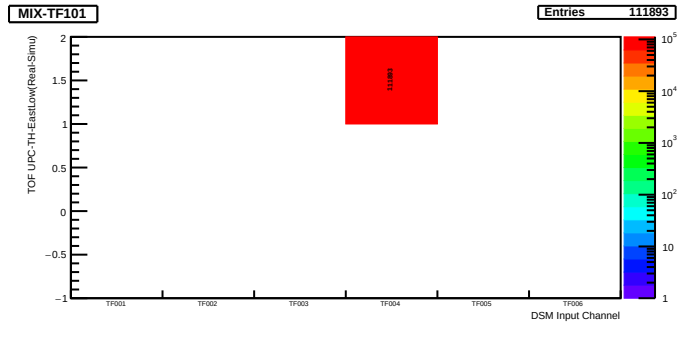

MIX-TF101
Entries 2094324
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

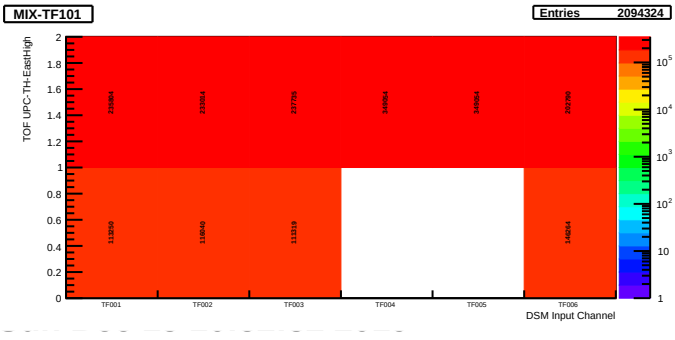

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

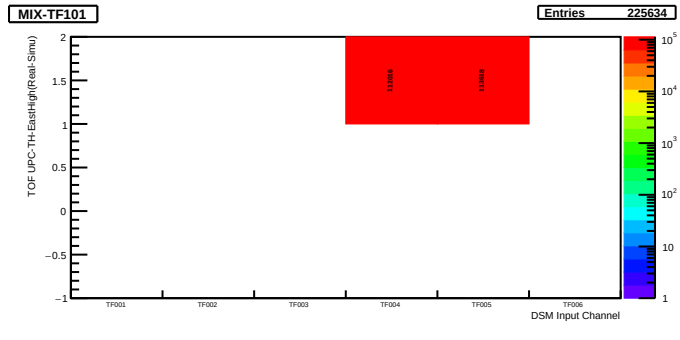

MIX-TF101
Entries 2094324
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

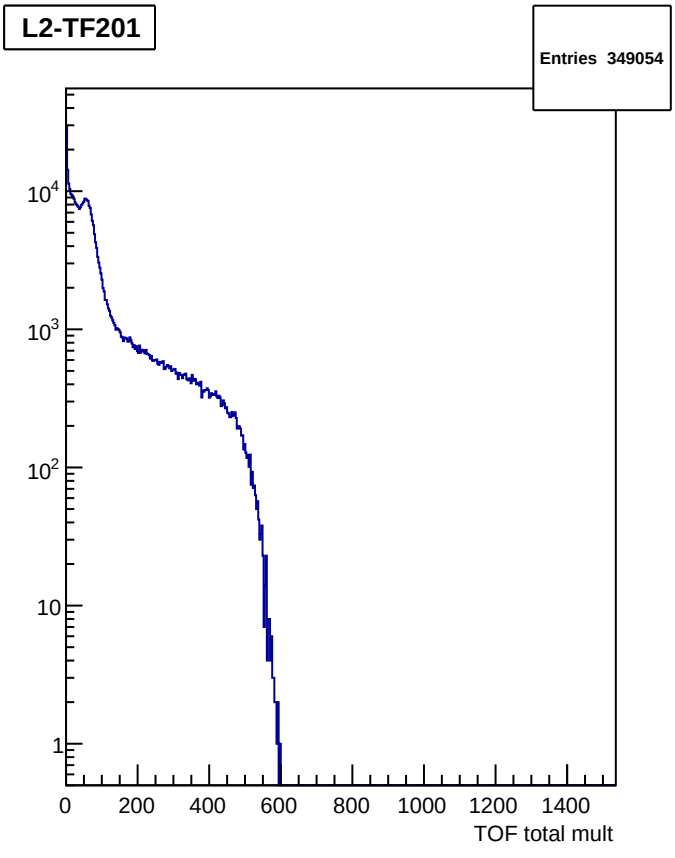

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

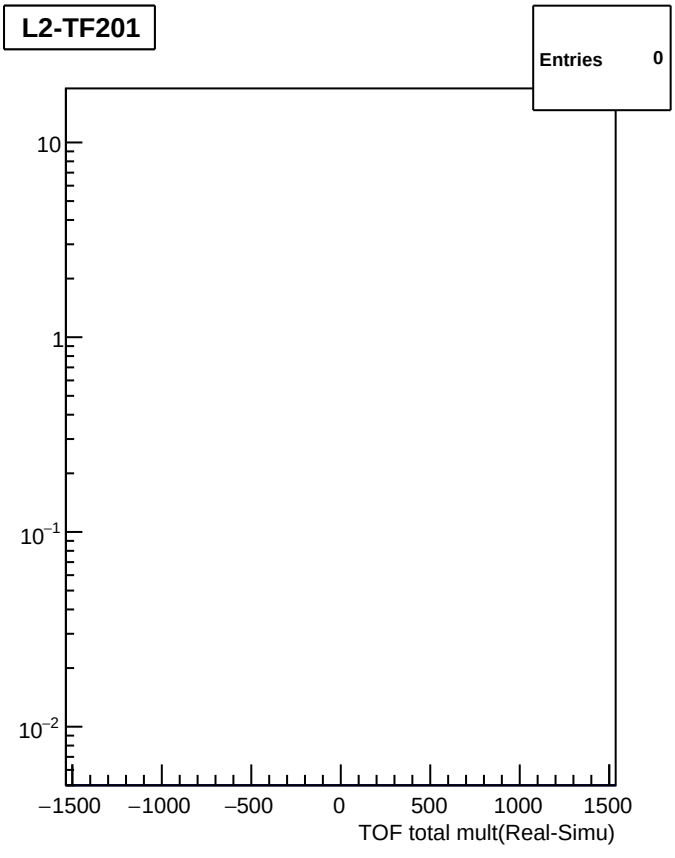

MIX-TF101
Entries 2094324
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

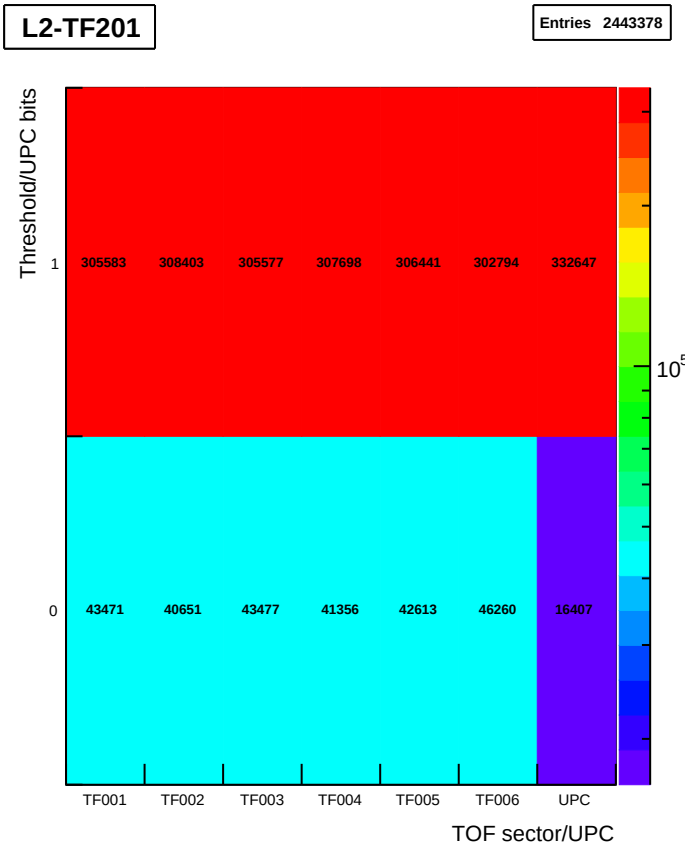

MIX-TF101
Entries 111893
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

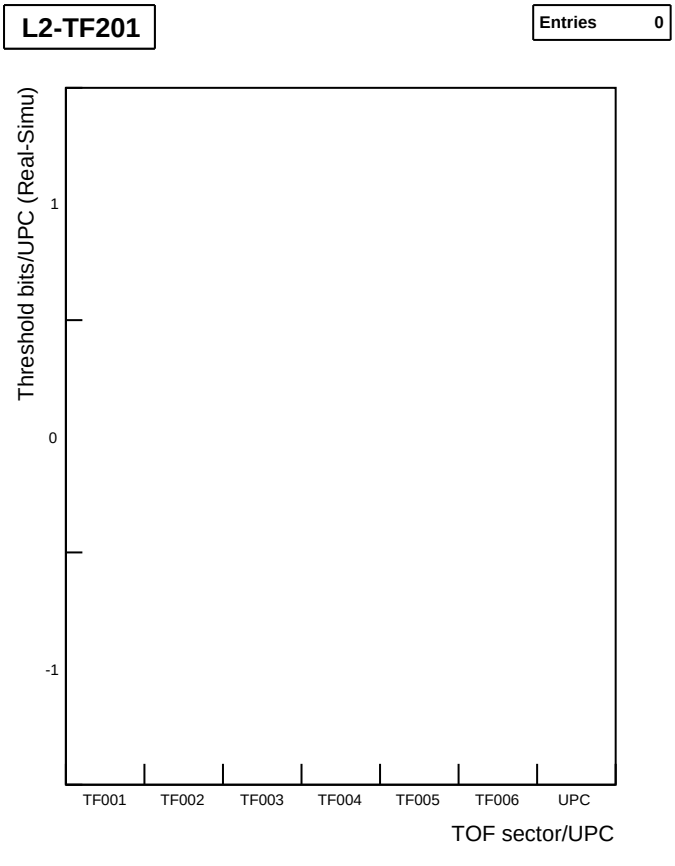

MIX-TF101
Entries 2094324
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

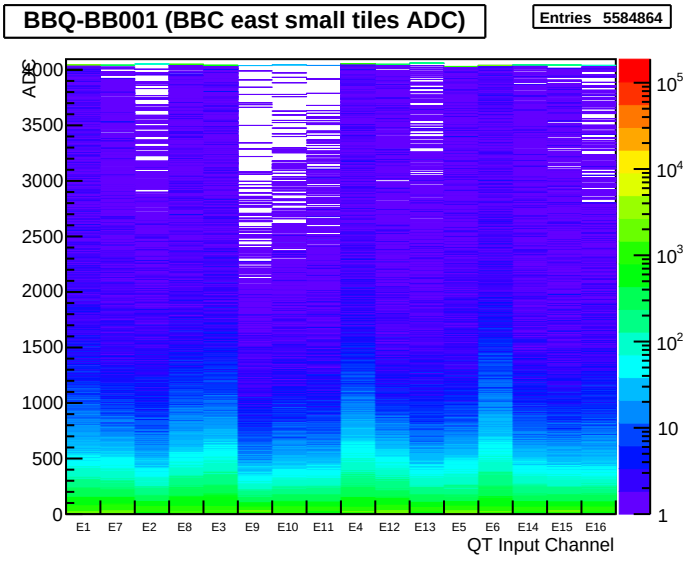

MIX-TF101
Entries 225634
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

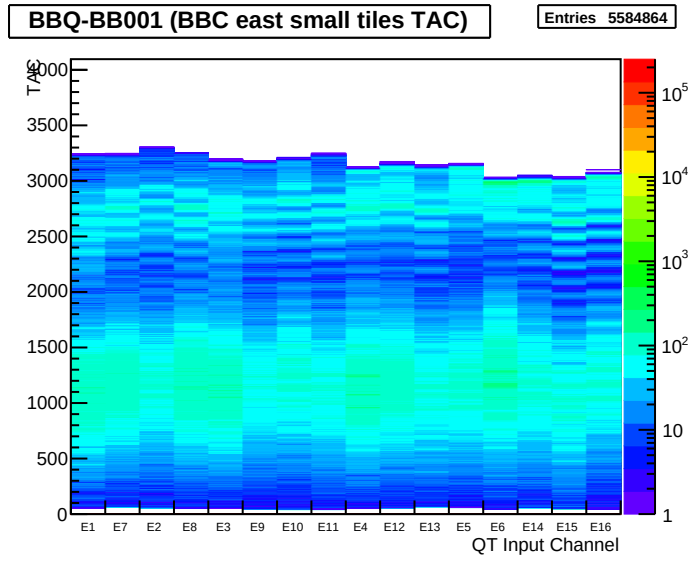

L2-TF201
Entries 349054
TOF total mult

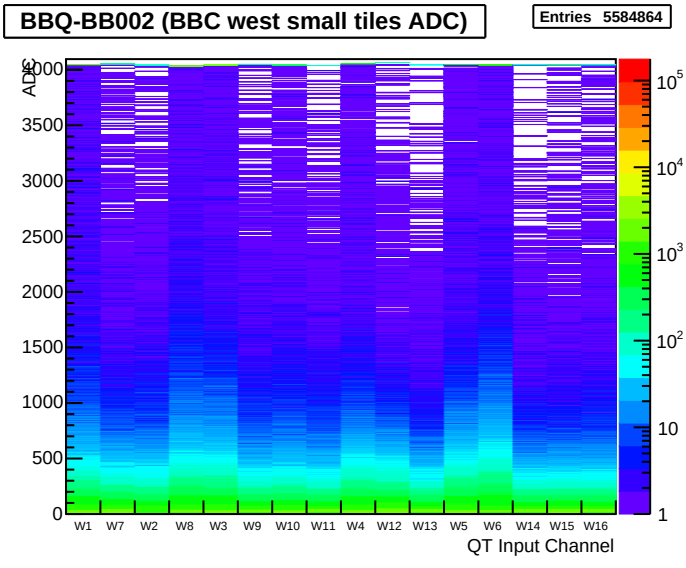

L2-TF201
Entries 0
TOF total mult(Real-Simu)

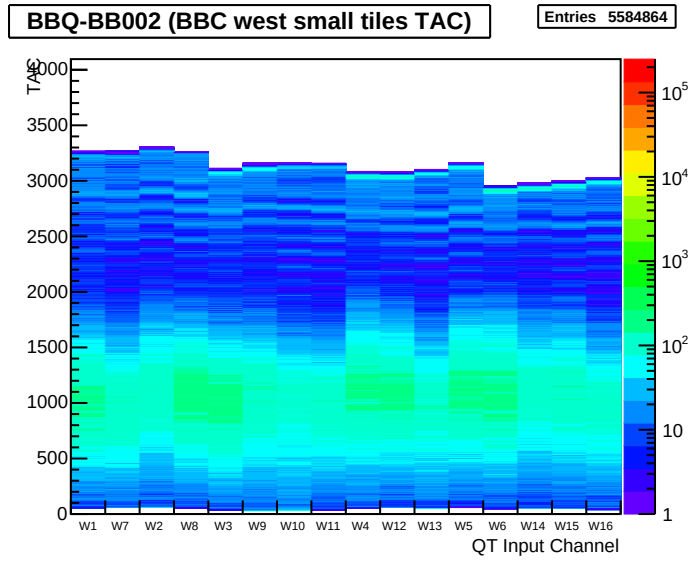

L2-TF201
Entries 2443378
Threshold/UPC bits
305583 308403 305577 307698 306441 302794 332647
43471 40651 43477 41356 42613 46260 16407
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

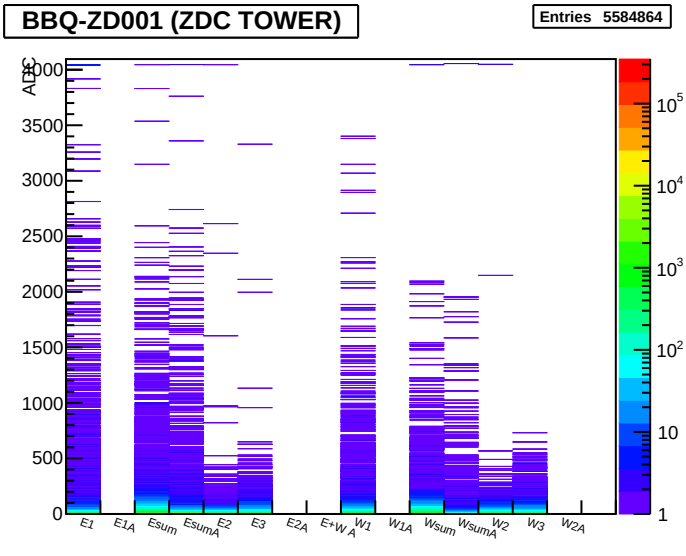

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

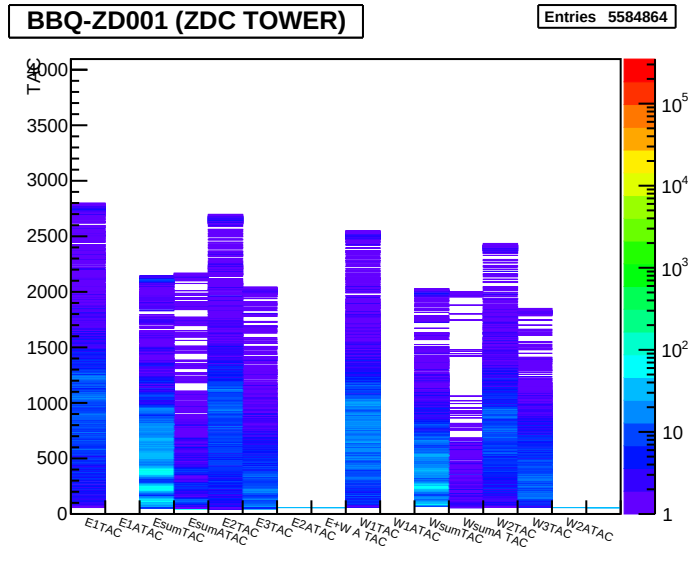

BBQ-BB001 (BBC east small tiles ADC)
Entries 5584864
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

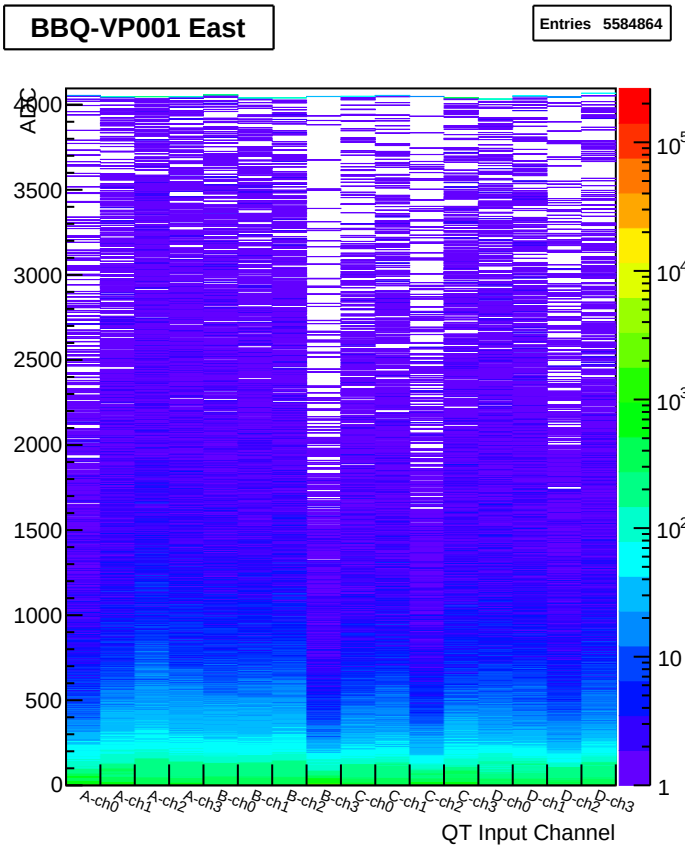

BBQ-BB001 (BBC east small tiles TAC)
Entries 5584864
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

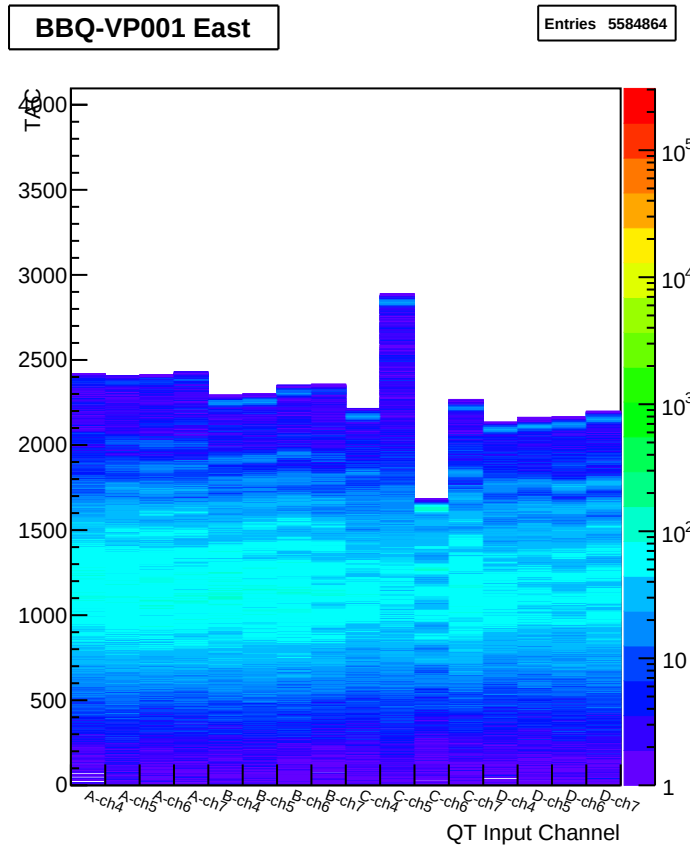

BBQ-BB002 (BBC west small tiles ADC)
Entries 5584864
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

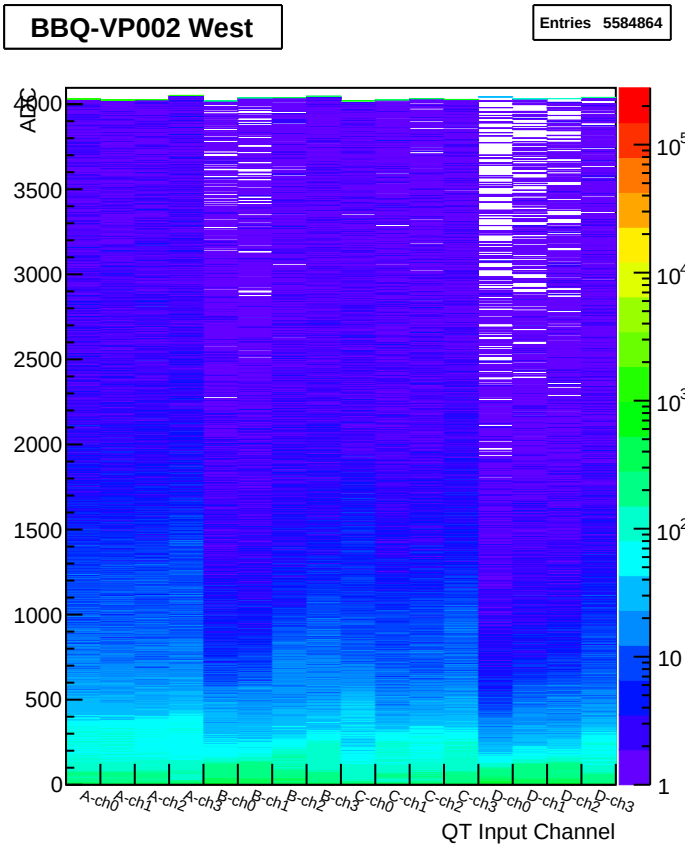

BBQ-BB002 (BBC west small tiles TAC)
Entries 5584864
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

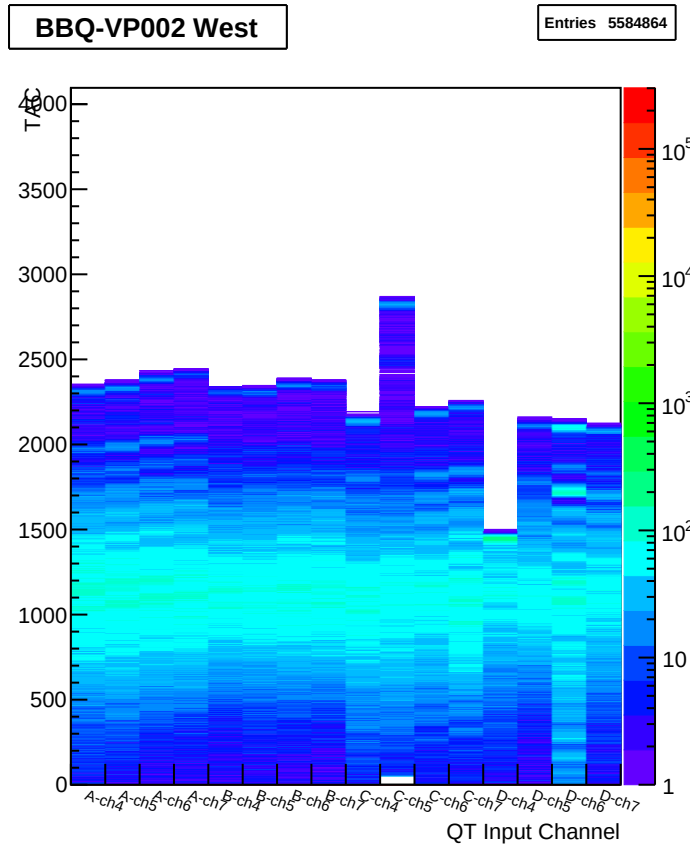

BBQ-ZD001 (ZDC TOWER)
Entries 5584864
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

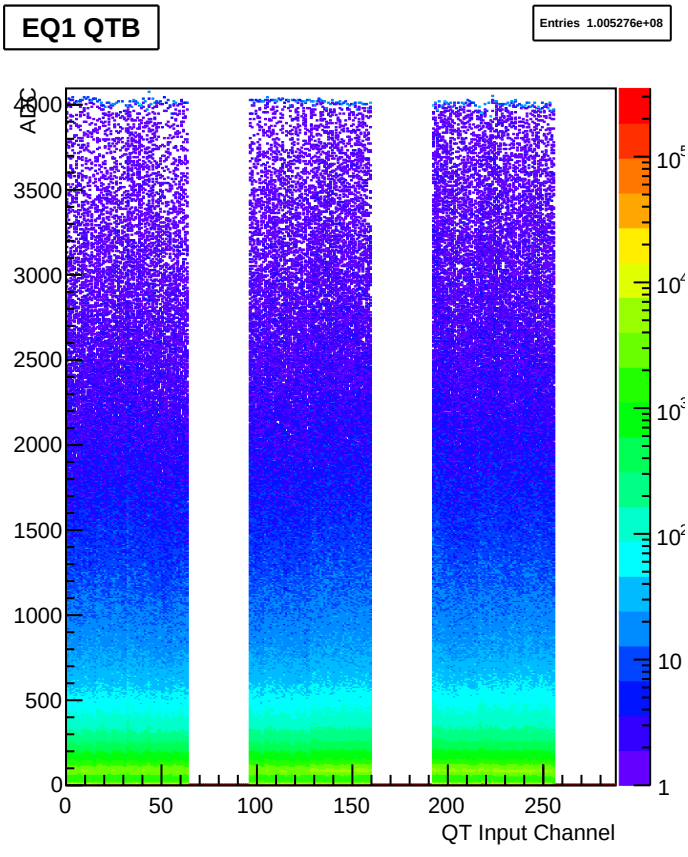

BBQ-ZD001 (ZDC TOWER)
Entries 5584864
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

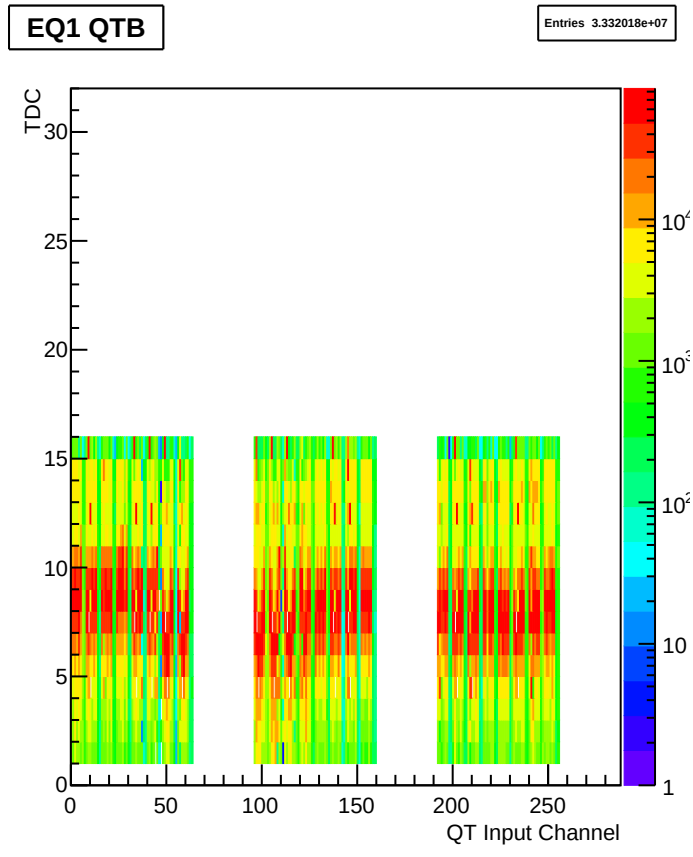

BBQ-VP001 East
Entries 5584864
ADC
QT Input Channel

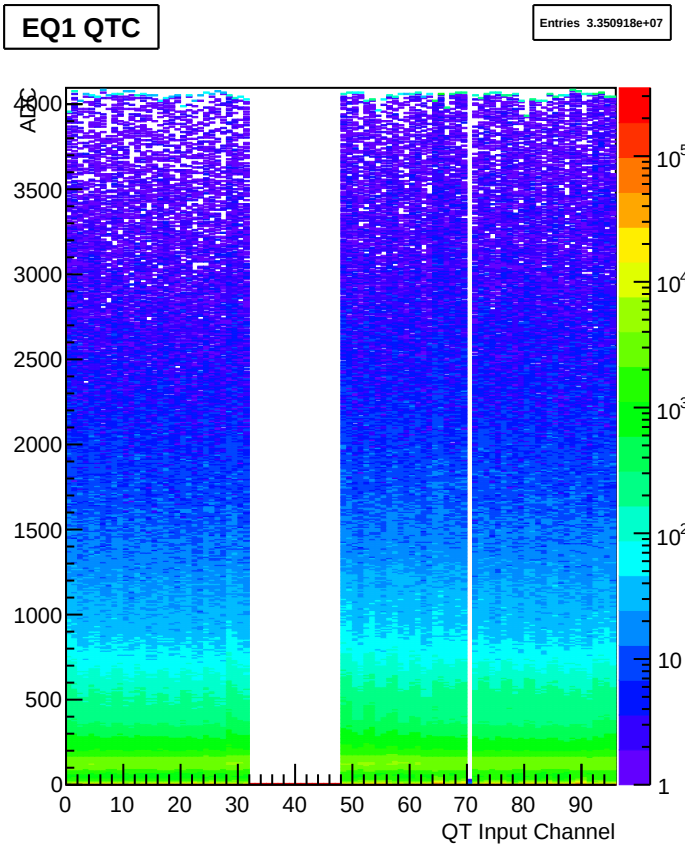

BBQ-VP001 East
Entries 5584864
TADC
QT Input Channel

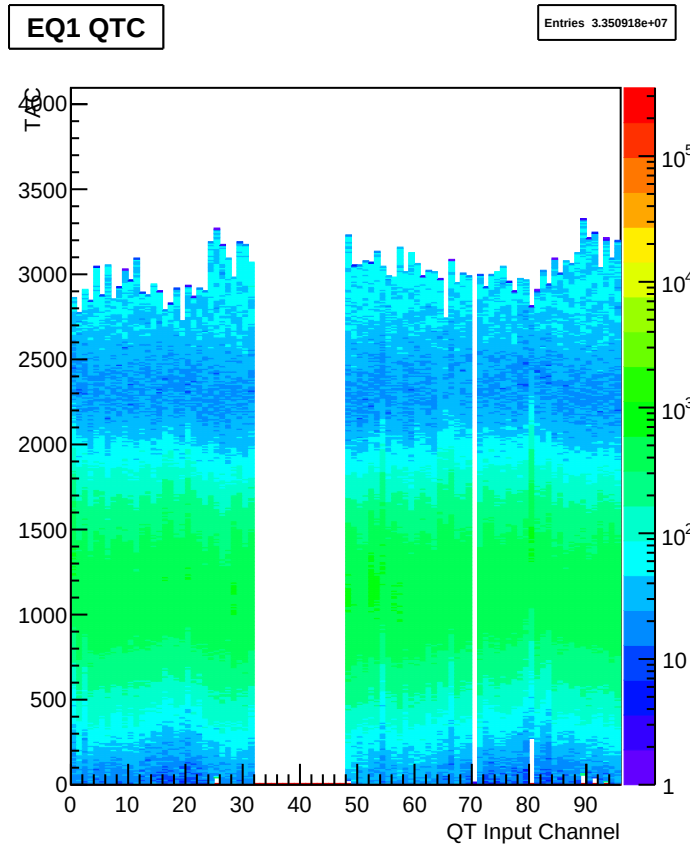

BBQ-VP002 West
Entries 5584864
ADC
QT Input Channel

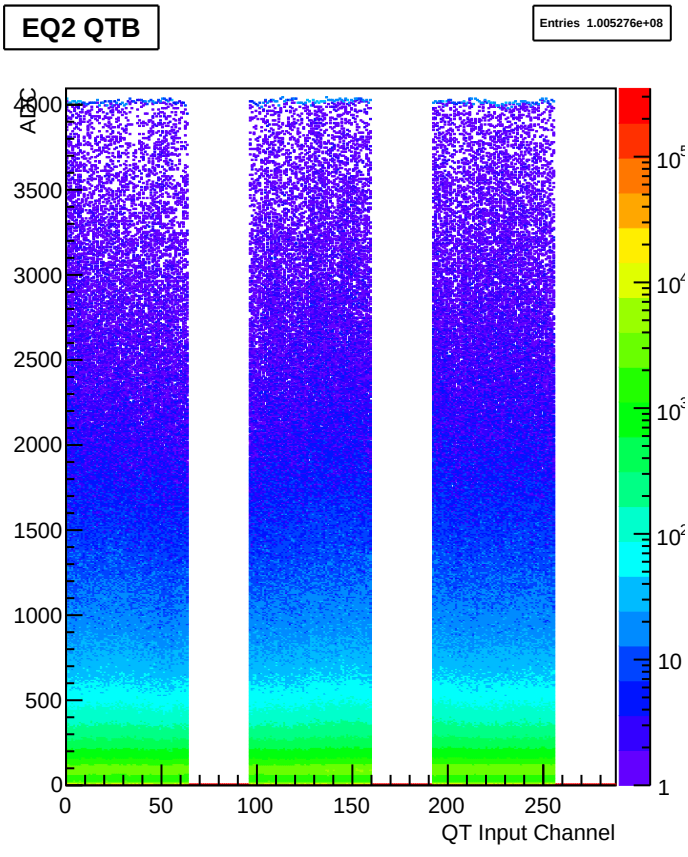

BBQ-VP002 West
Entries 5584864
TADC
QT Input Channel

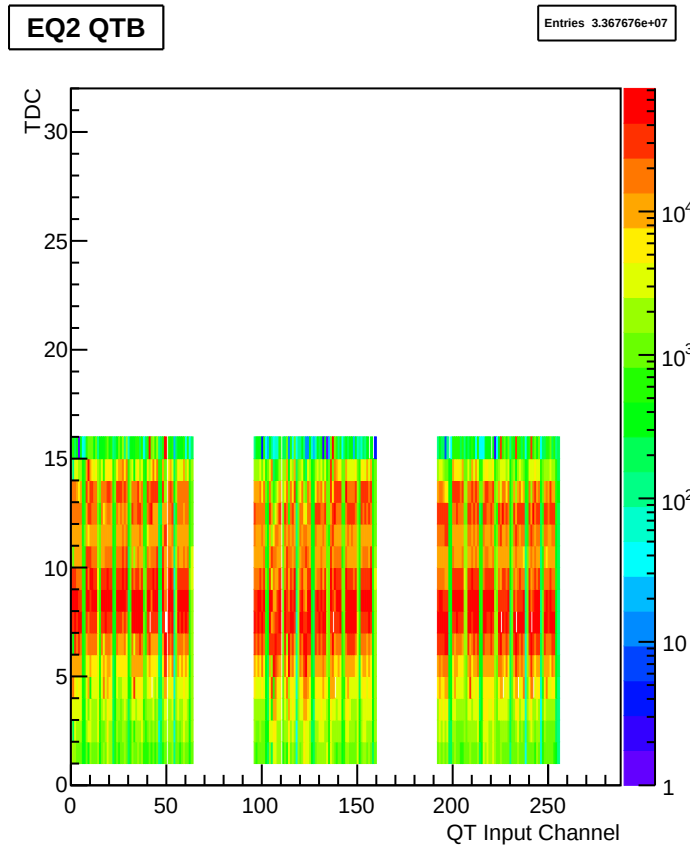

EQ1 QTB
Entries 1.005276e+08
ADC
QT Input Channel

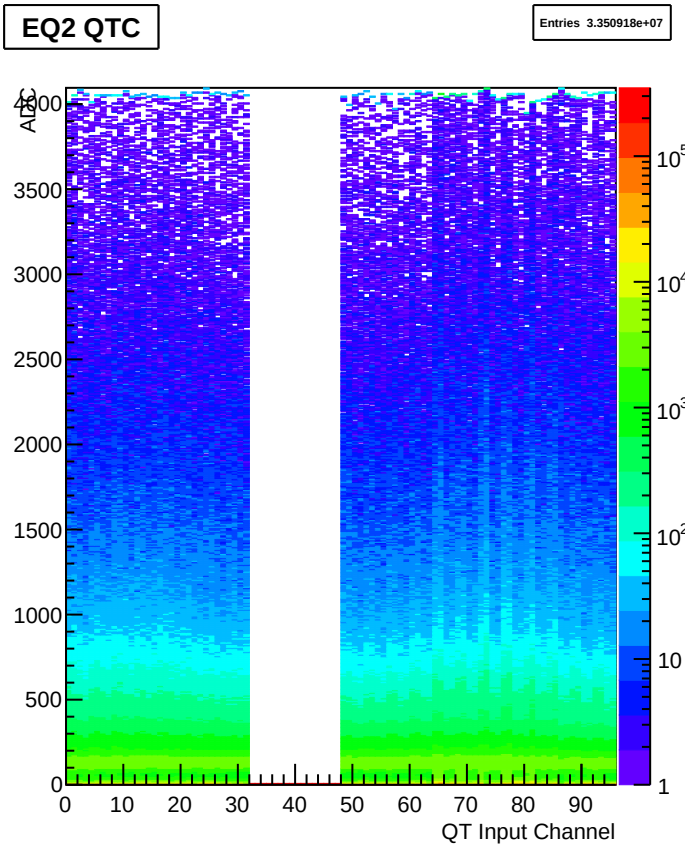

EQ1 QTB
Entries 3.332018e+07
TDC
QT Input Channel

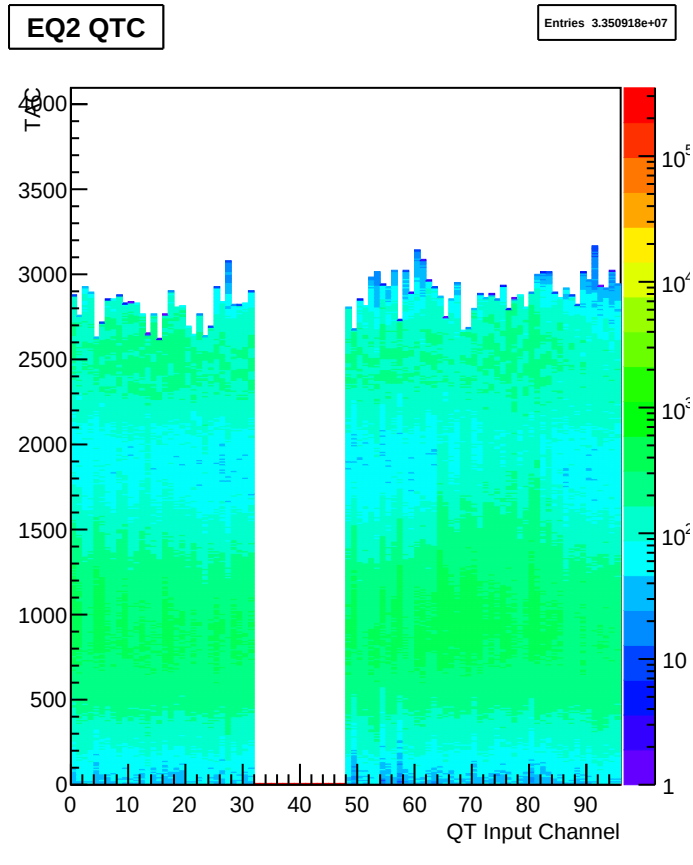

EQ1 QTC
Entries 3.350918e+07
ADC
QT Input Channel

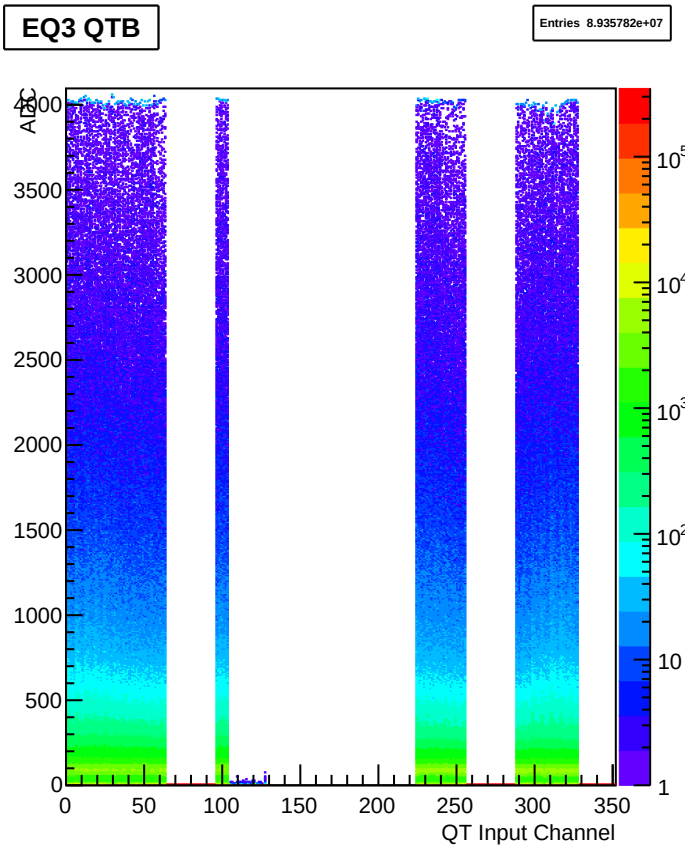

EQ1 QTC
Entries 3.350918e+07
TADC
QT Input Channel

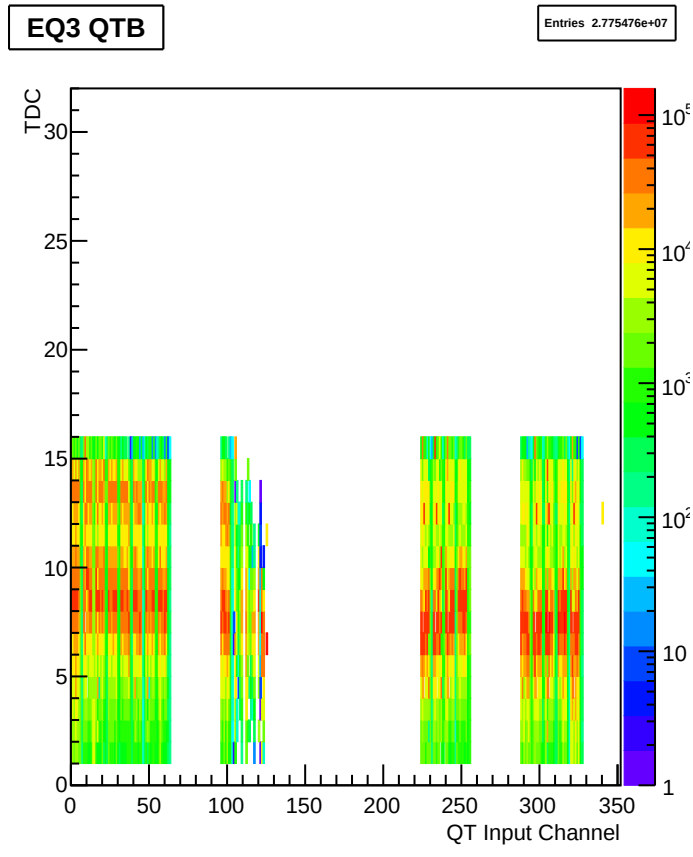

EQ2 QTB
Entries 1.005276e+08
ADC
QT Input Channel

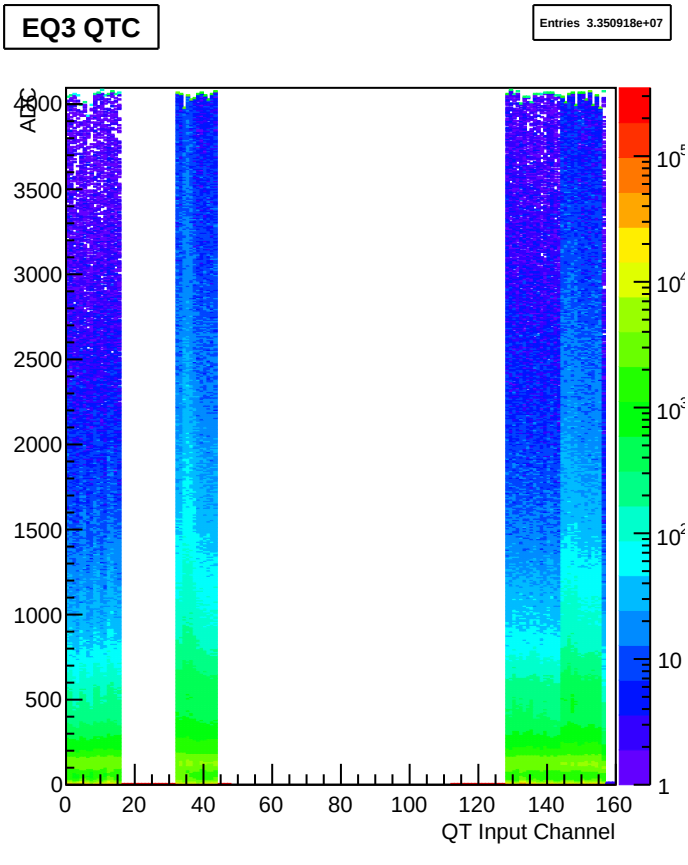

EQ2 QTB
Entries 3.367676e+07
TDC
QT Input Channel

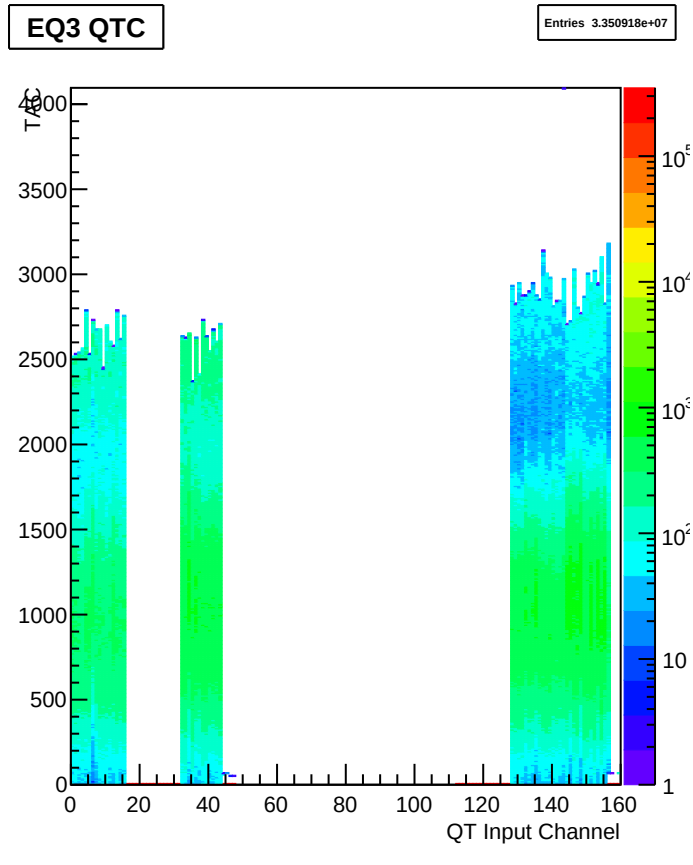

EQ2 QTC
Entries 3.350918e+07
ADC
QT Input Channel

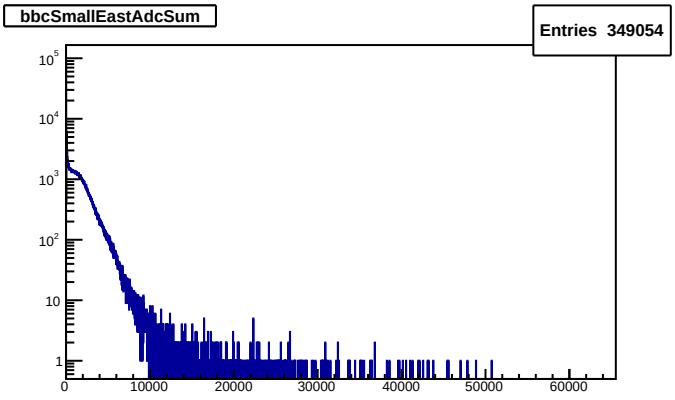

EQ2 QTC
Entries 3.350918e+07
TADC
QT Input Channel

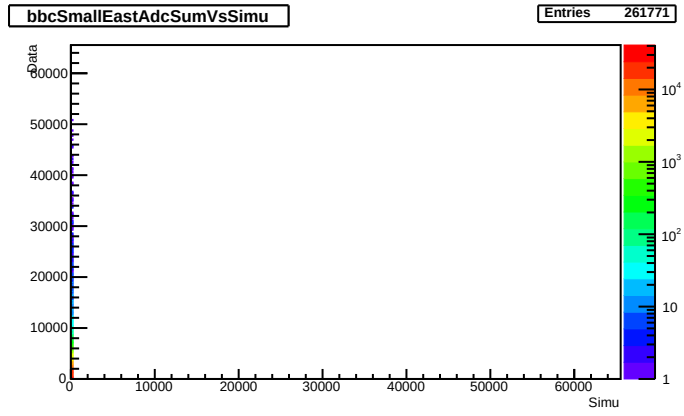

EQ3 QTB
Entries 8.935782e+07
ADC
QT Input Channel

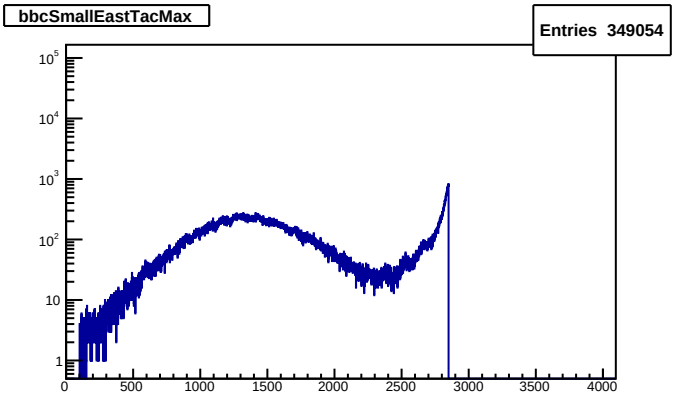

EQ3 QTB
Entries 2.775476e+07
TDC
QT Input Channel

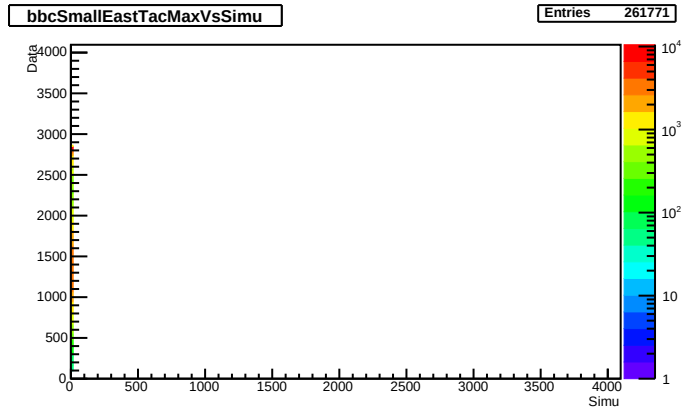

EQ3 QTC
Entries 3.350918e+07
ADC
QT Input Channel

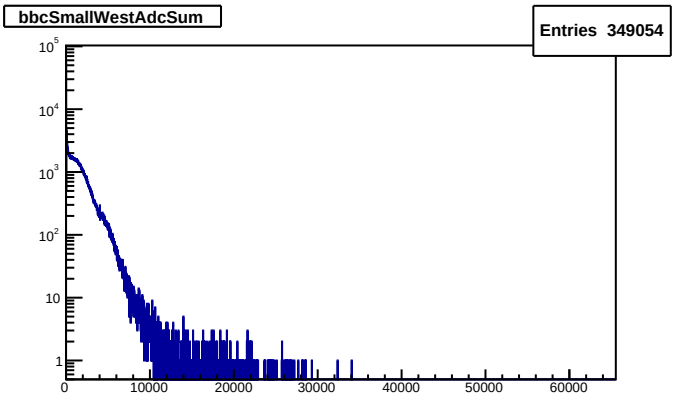

EQ3 QTC
Entries 3.350918e+07
TADC
QT Input Channel

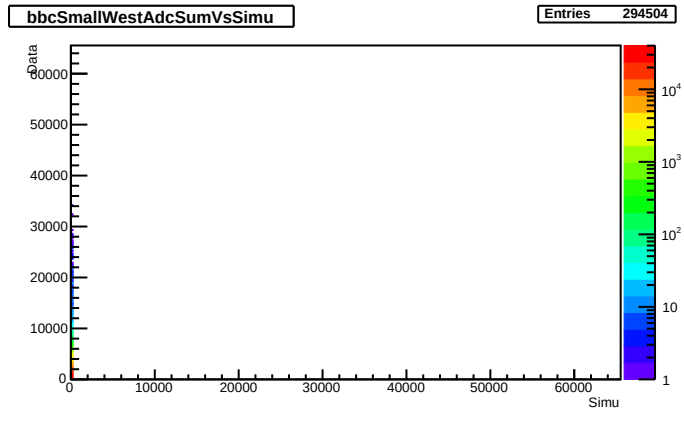

bbcSmallEastAdcSum
Entries 349054


bbcSmallEastAdcSumVsSimu
Entries 261771
Data
Simu


bbcSmallEastTacMax
Entries 349054


bbcSmallEastTacMaxVsSimu
Entries 261771
Data
Simu


bbcSmallWestAdcSum
Entries 349054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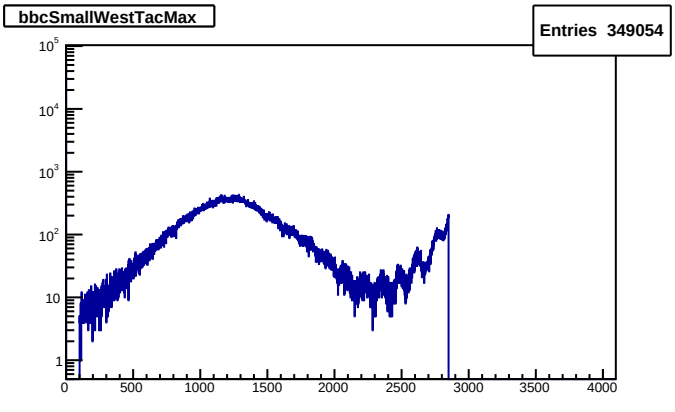
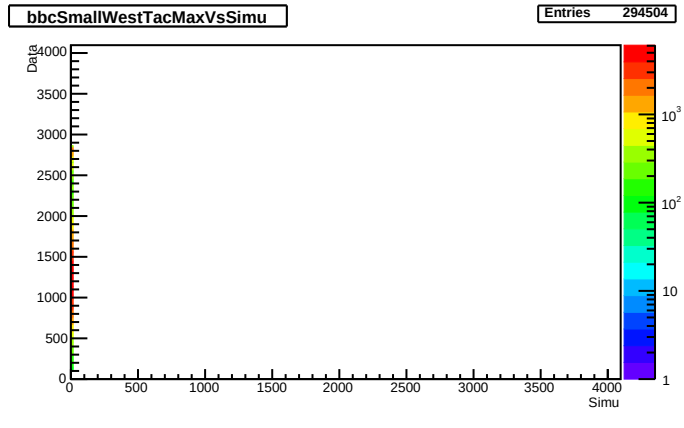
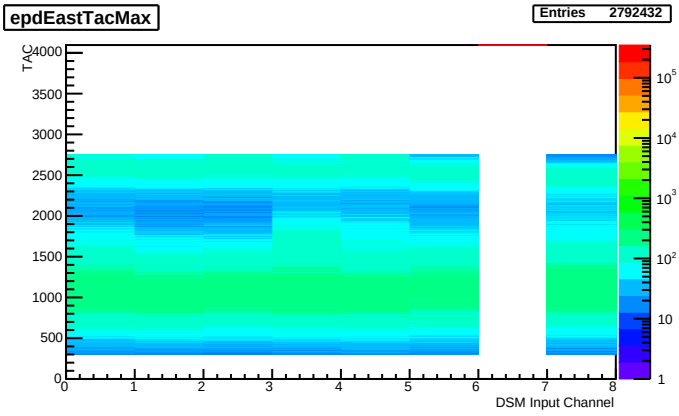
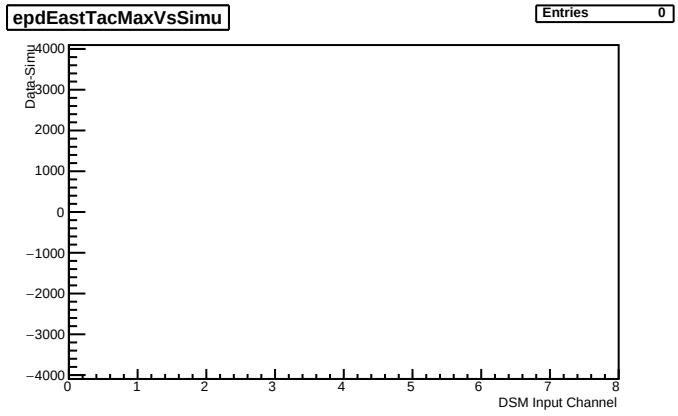
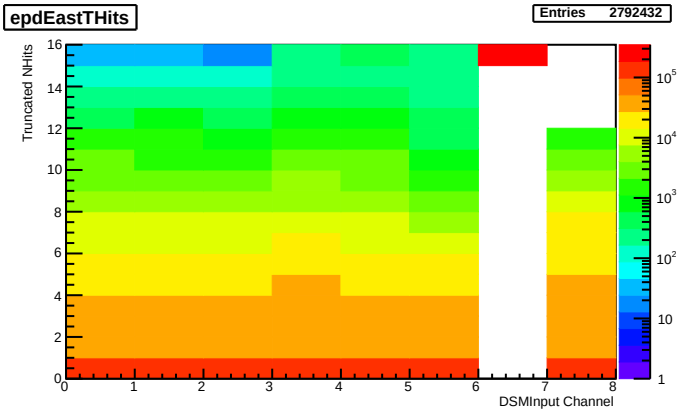
Entries 294504
Data
Simu

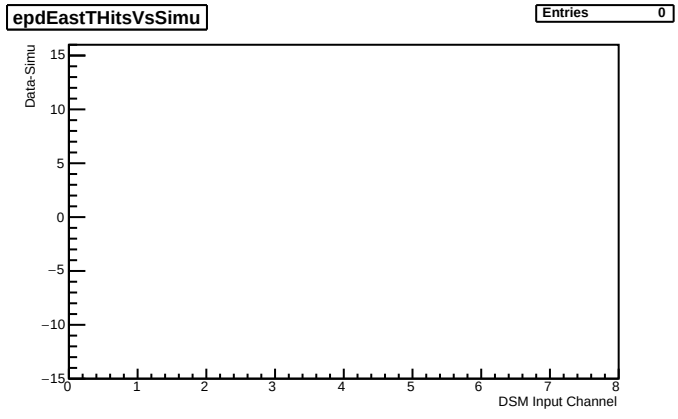

bbcSmallWestTacMax
Entries 349054


bbcSmallWestTacMaxVsSimu
Entries 294504
Data
Simu


epdEastTacMax
Entries 2792432
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2792432
Truncated NHits
DSMInput Channel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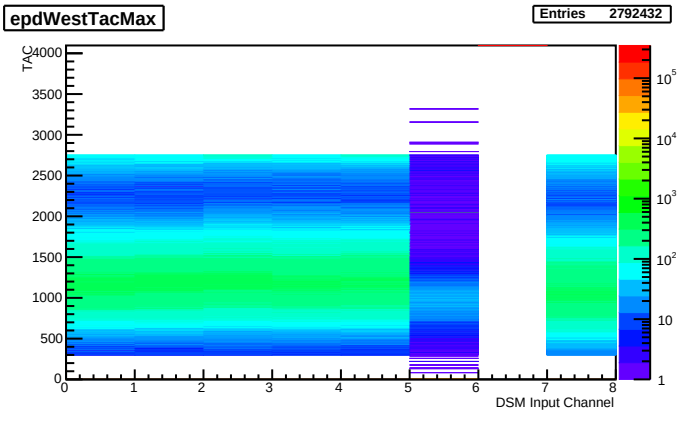
Data-Simu
DSM Input Channel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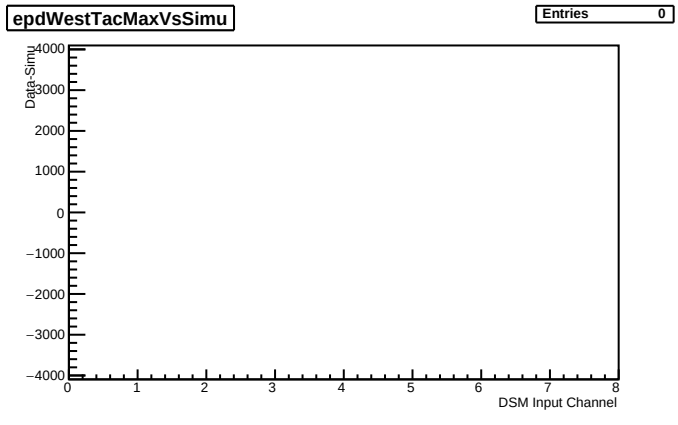
Entries 2792432
TAC
DSM Input Channel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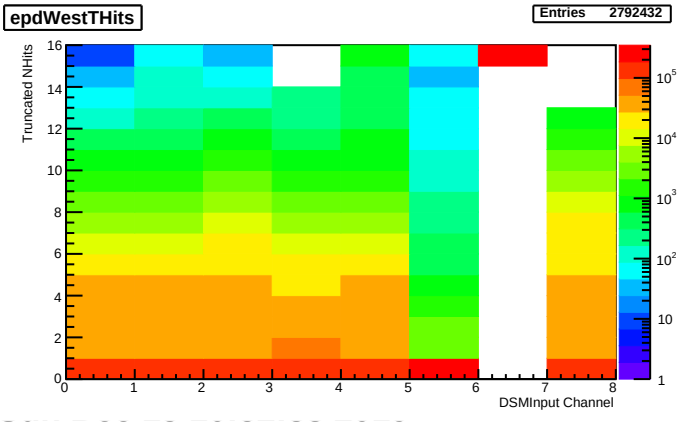
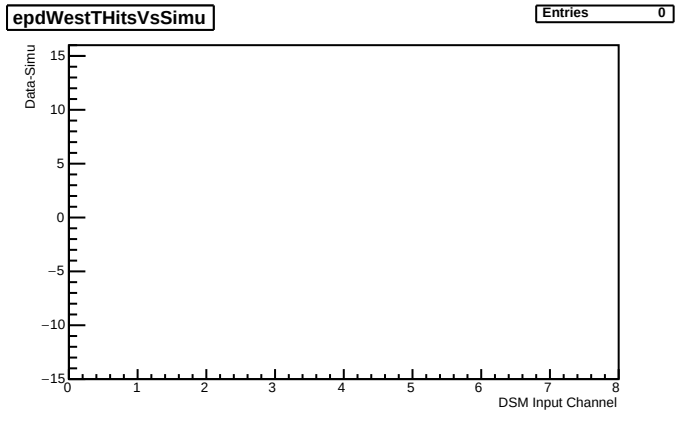
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2792432
Truncated NHits
DSMInput Channel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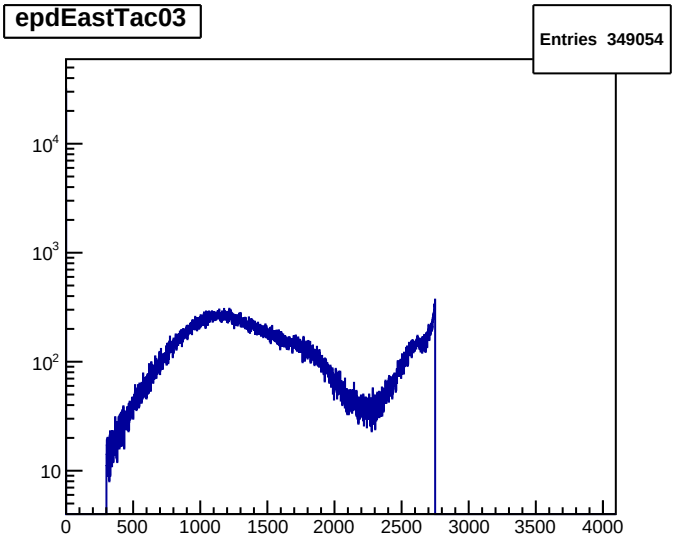
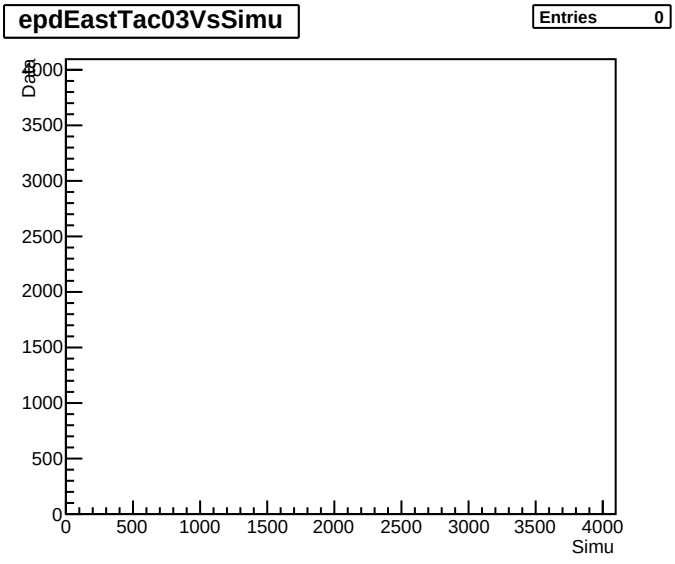
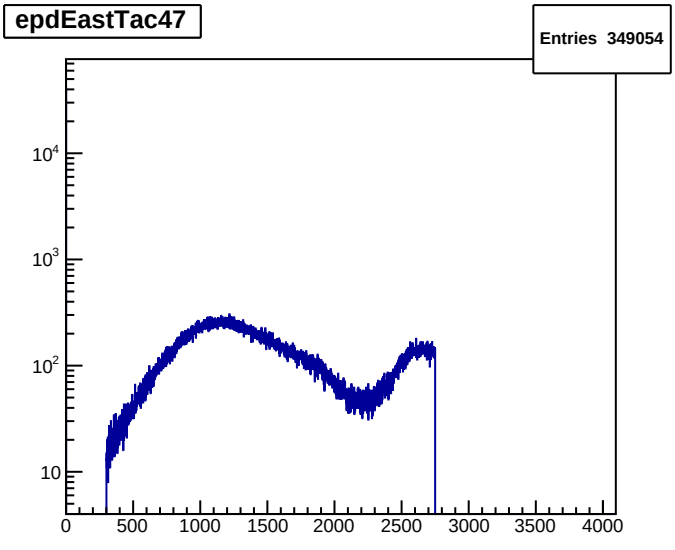
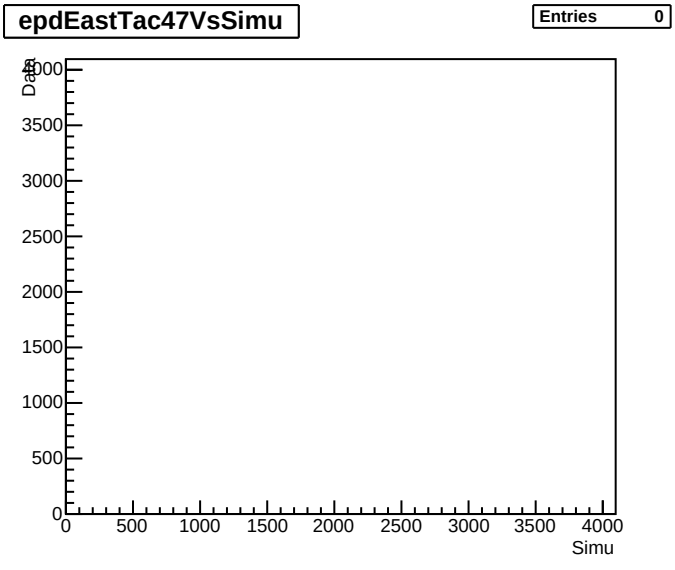
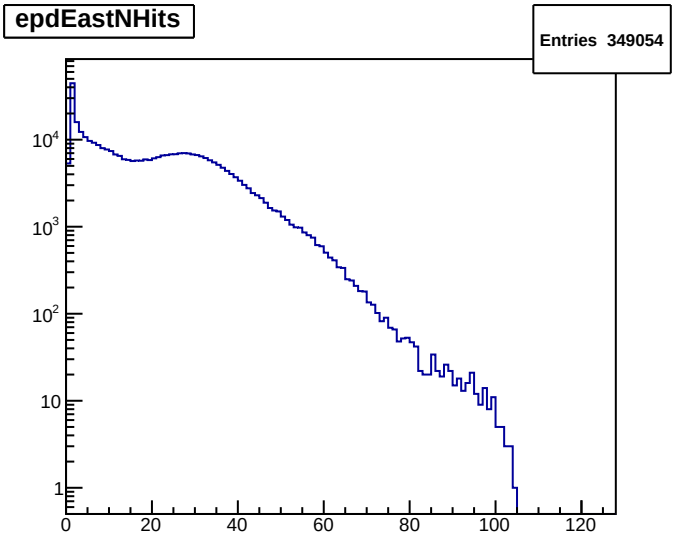
Entries 0
Data-Simu
DSM Input Channel

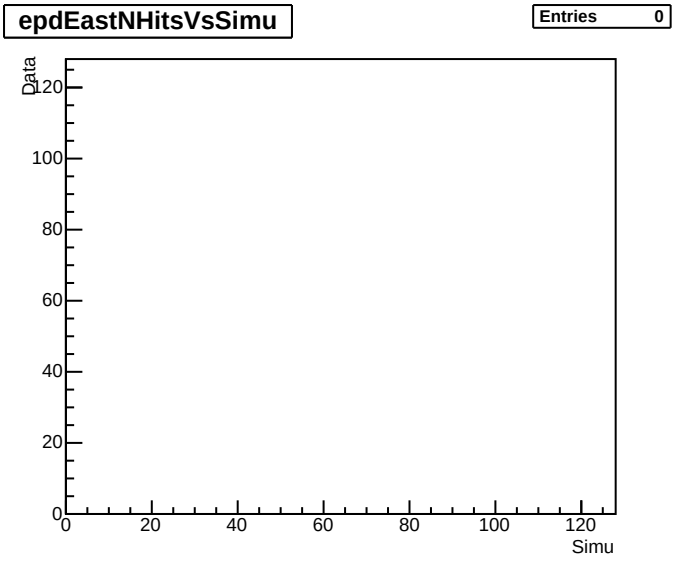

epdEastTac03
Entries 349054


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 349054


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 349054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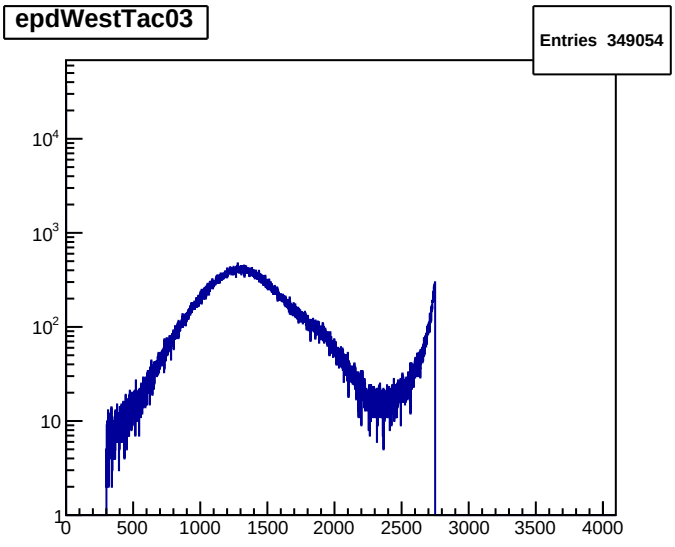
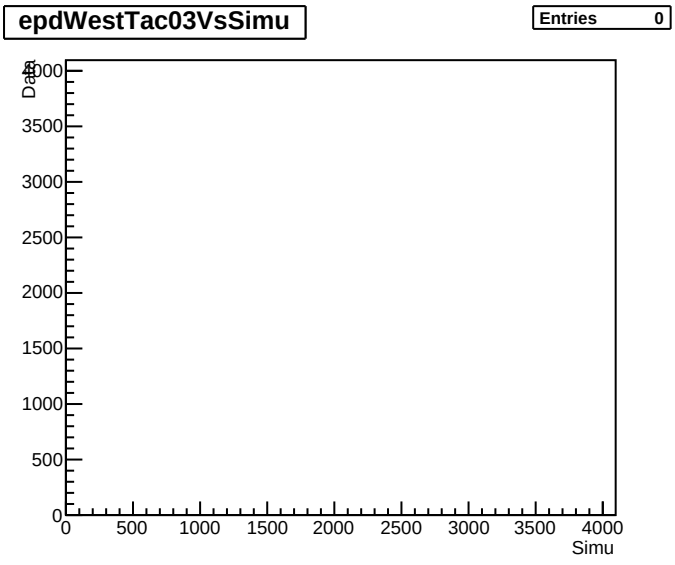
Simu


epdWestTac03
Entries 349054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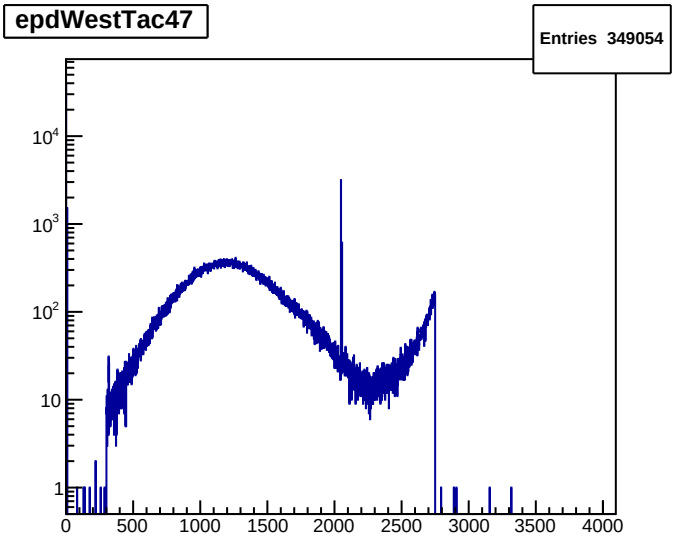
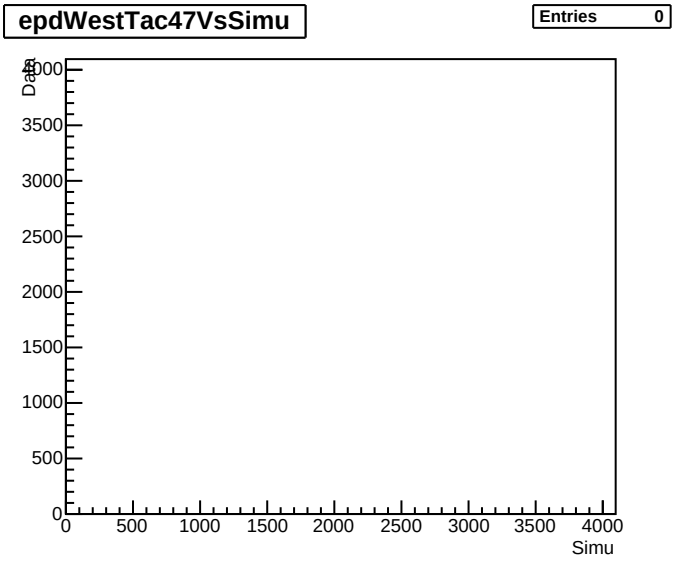
Entries 0
Data
Simu


epdWestTac47
Entries 349054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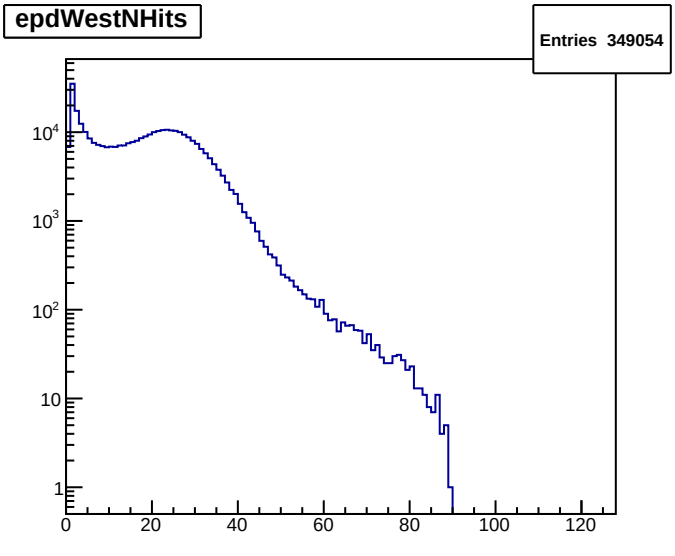
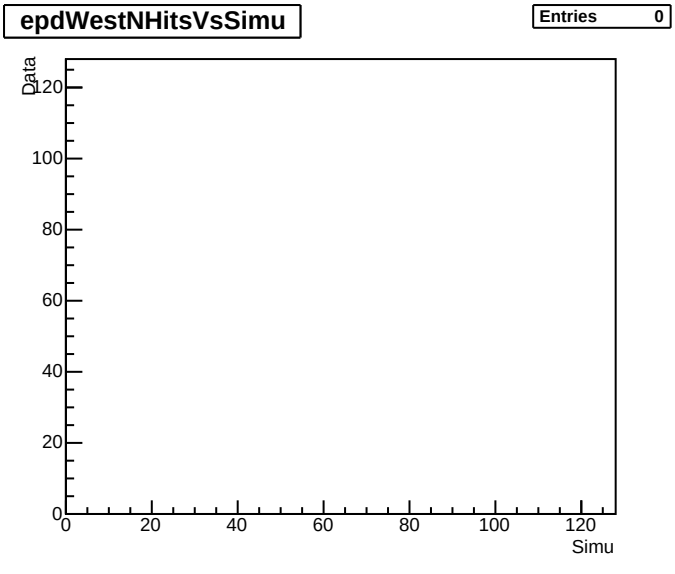
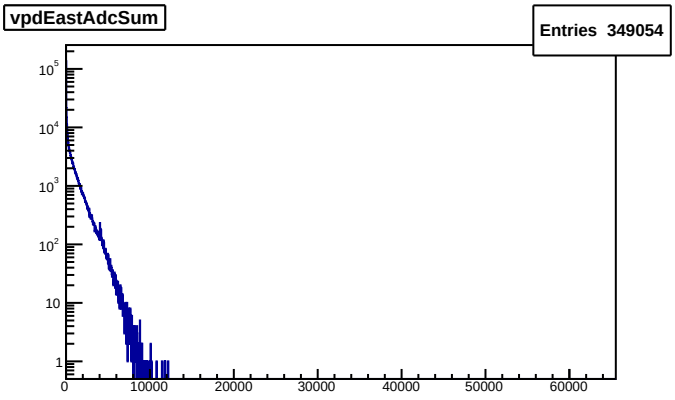
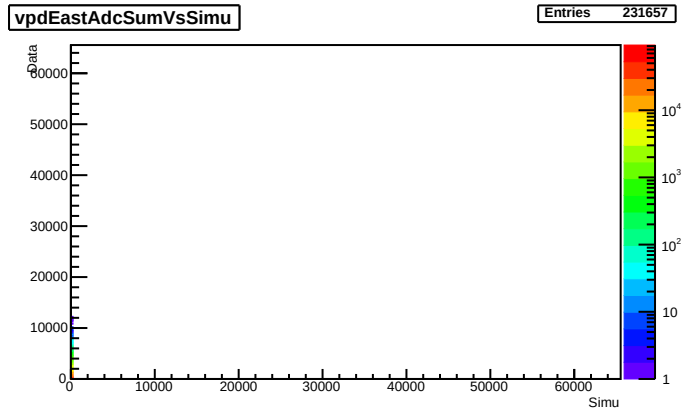
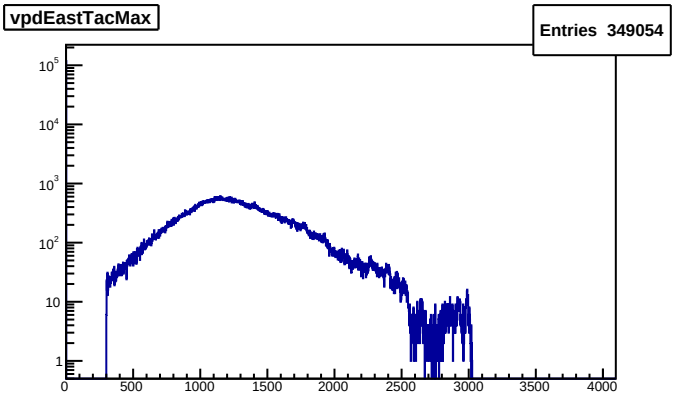
Entries 0
Data
Simu

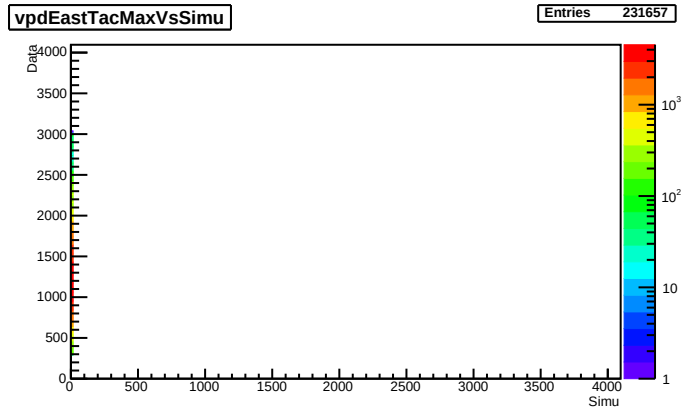

epdWestNHits
Entries 349054

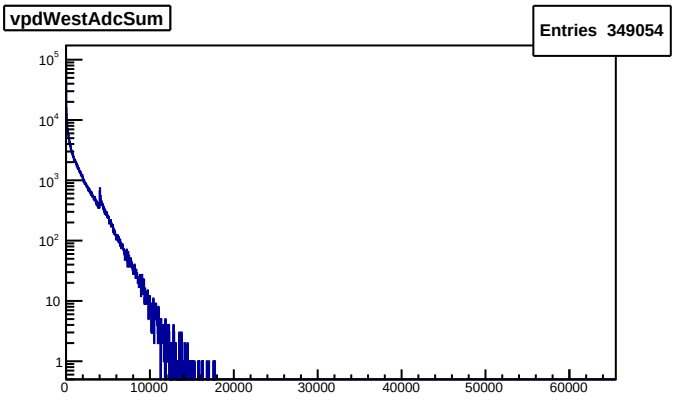

epdWestNHitsVsSimu
Entries 0
Data
Simu

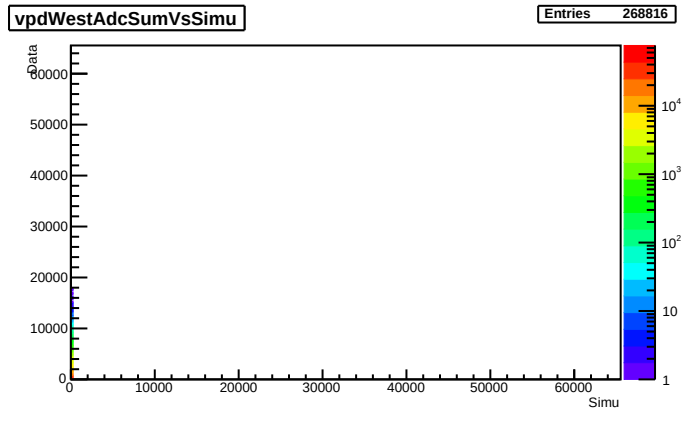

vpdEastAdcSum
Entries 349054

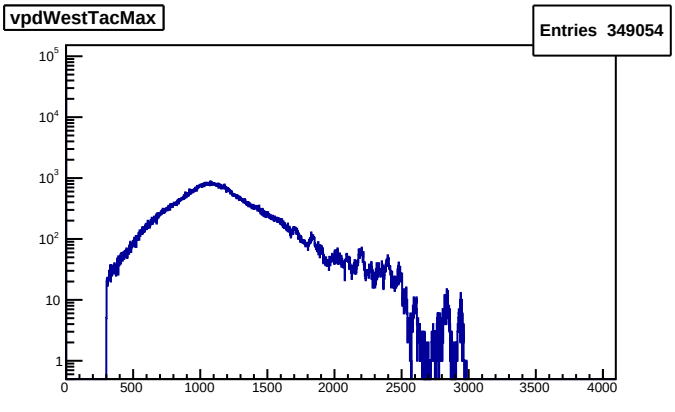

vpdEastAdcSumVsSimu
Entries 231657
Data
Simu

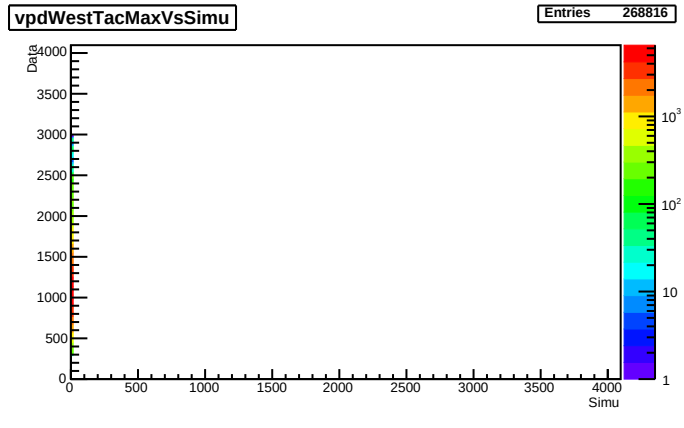

vpdEastTacMax
Entries 349054

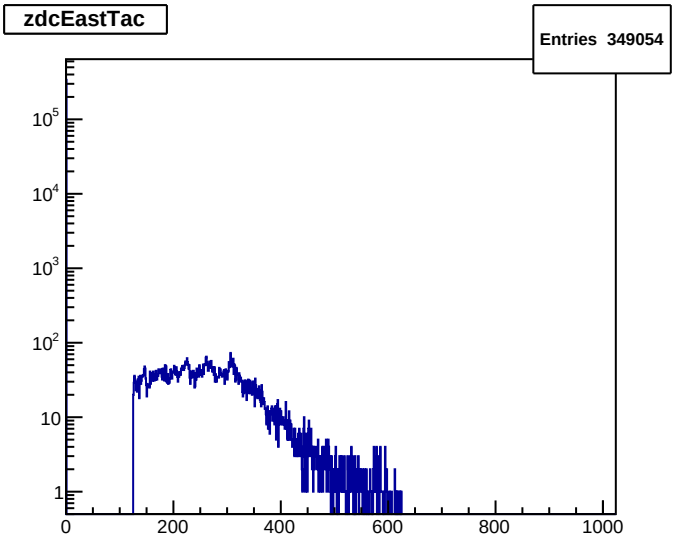

vpdEastTacMaxVsSimu
Entries 231657
Data
Simu

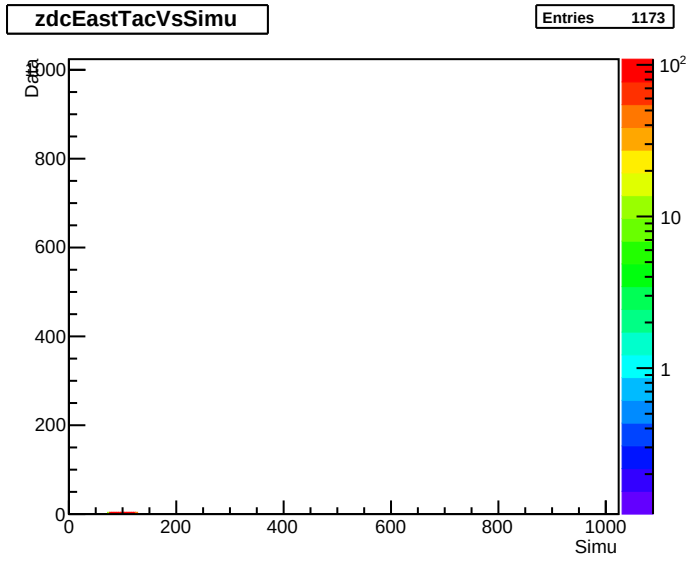

vpdWestAdcSum
Entries 349054

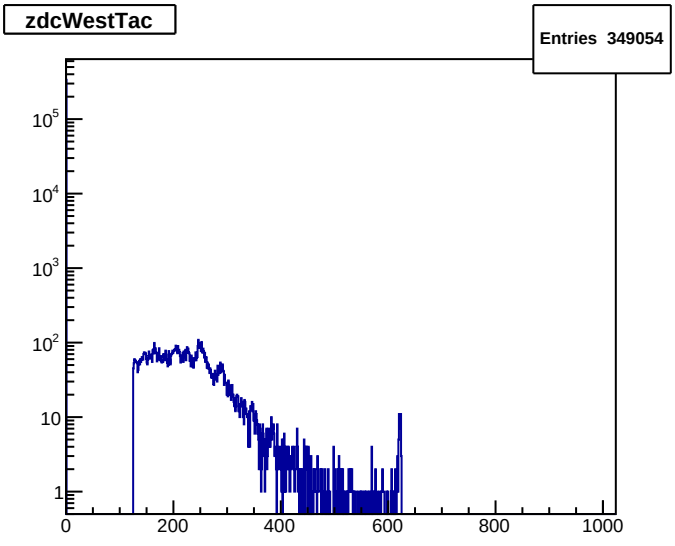

vpdWestAdcSumVsSimu
Entries 268816
Data
Simu

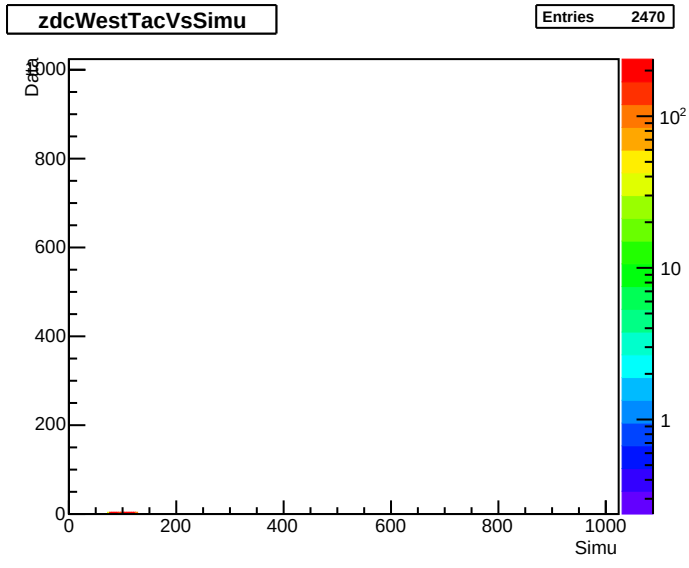

vpdWestTacMax
Entries 349054

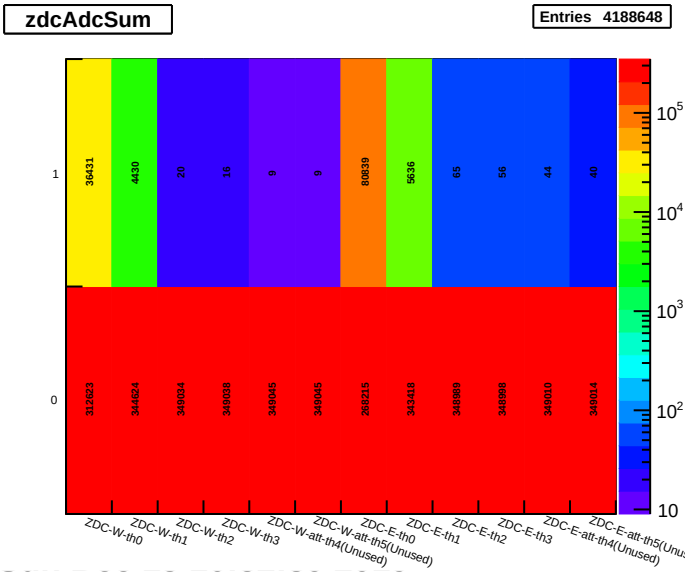

vpdWestTacMaxVsSimu
Entries 268816
Data
Simu

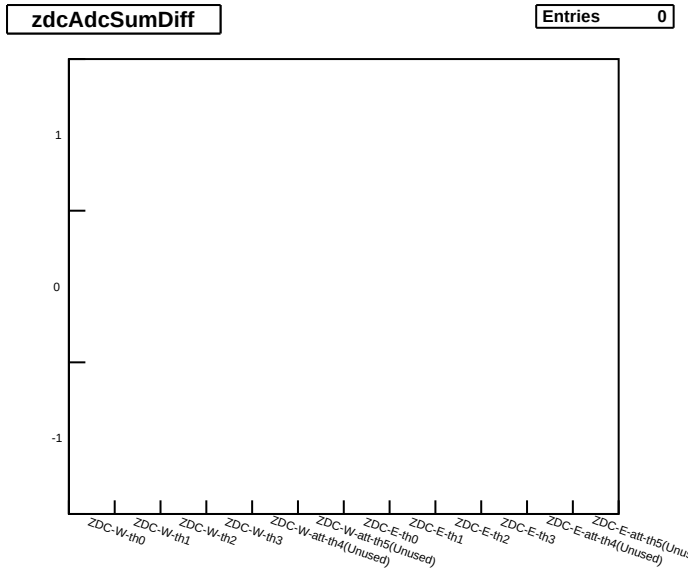

zdcEastTac
Entries 349054

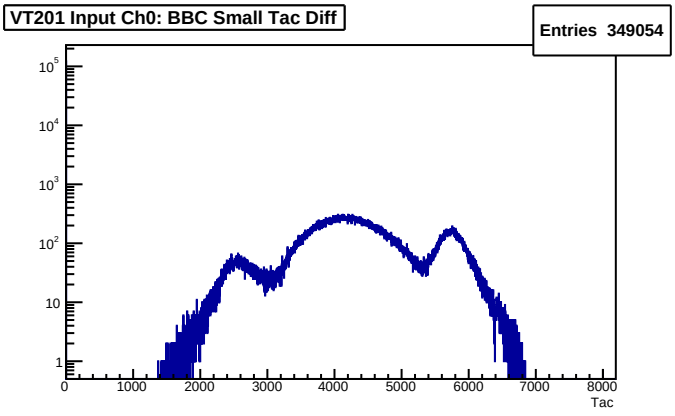

zdcEastTacVsSimu
Entries 1173
Data
Simu

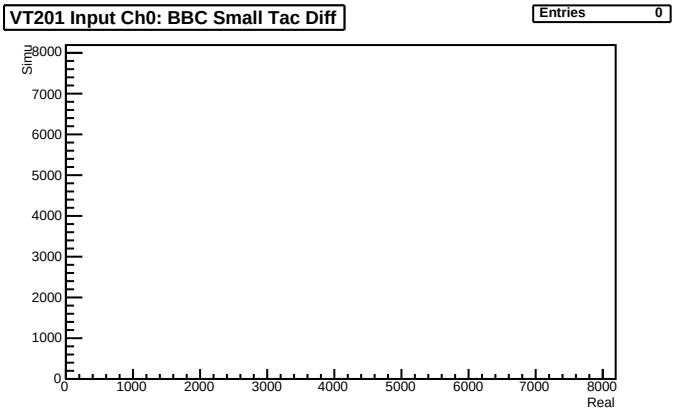

zdcWestTac
Entries 349054

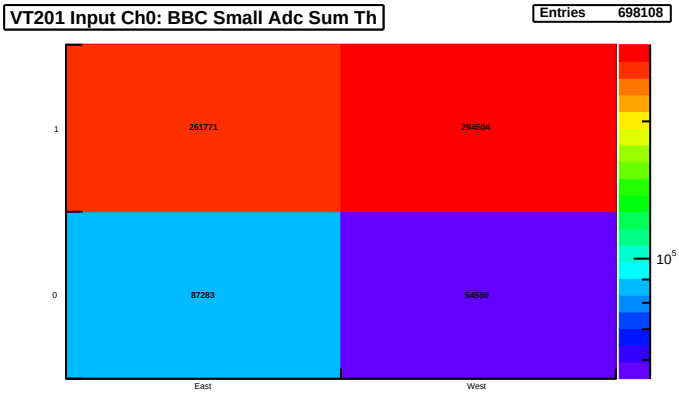

zdcWestTacVsSimu
Entries 2470
Data
Simu

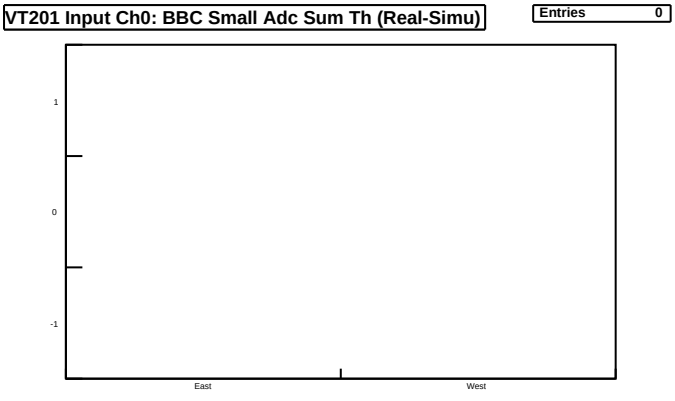

zdcAdcSum
Entries 4188648
36431
4430
20
16
9
9
80839
5636
65
56
44
40
312623
344624
349034
349038
349045
349045
268215
343416
348989
348998
349010
349014
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

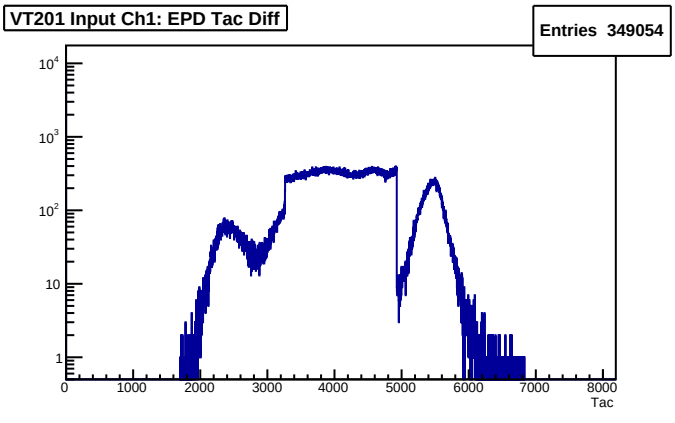

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

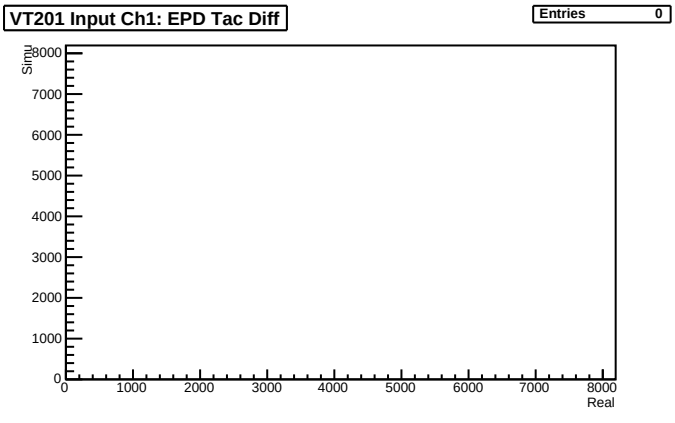

VT201 Input Ch0: BBC Small Tac Diff
Entries 349054
Tac

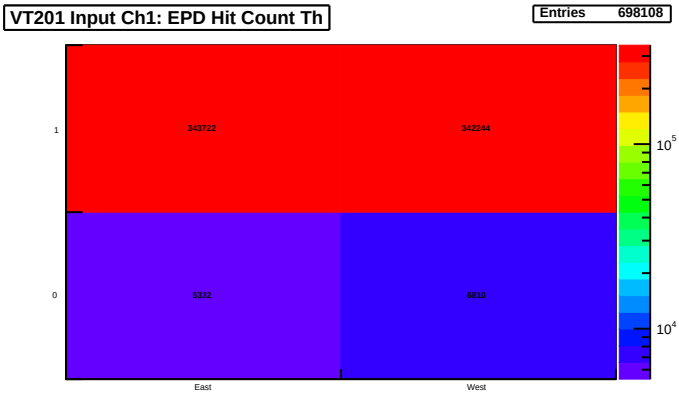

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

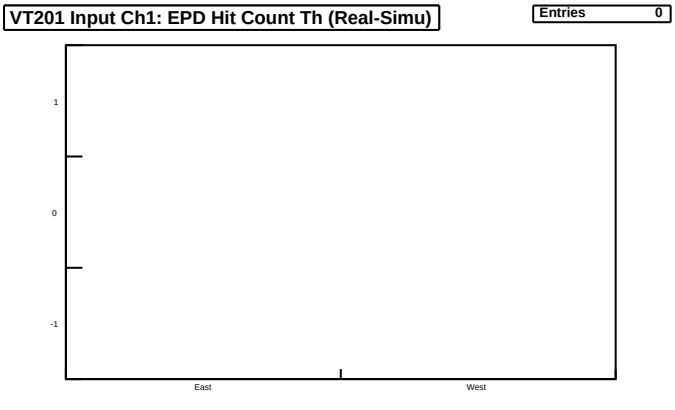

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 698108
261771
294504
87283
54550
East
West

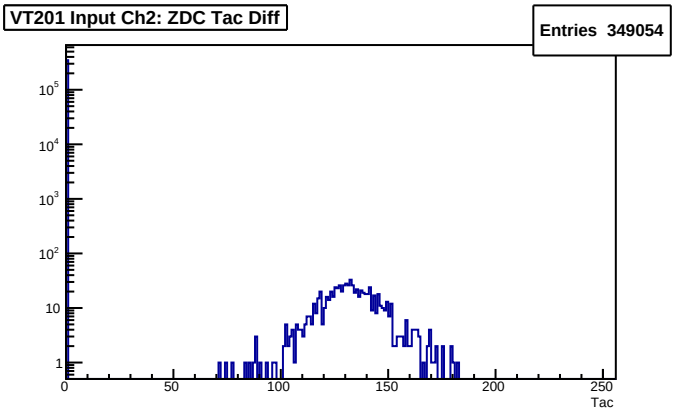

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

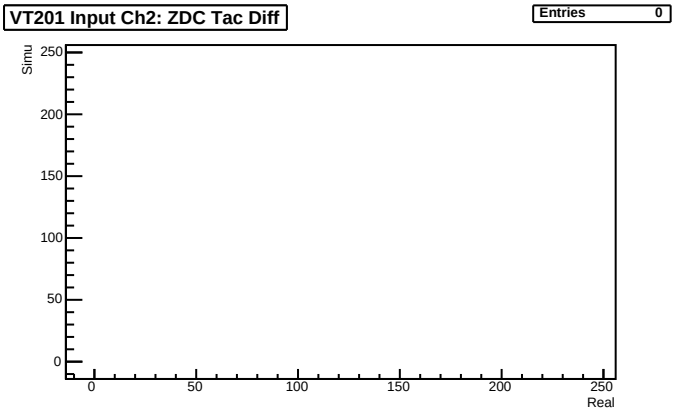

VT201 Input Ch1: EPD Tac Diff
Entries 349054
Tac

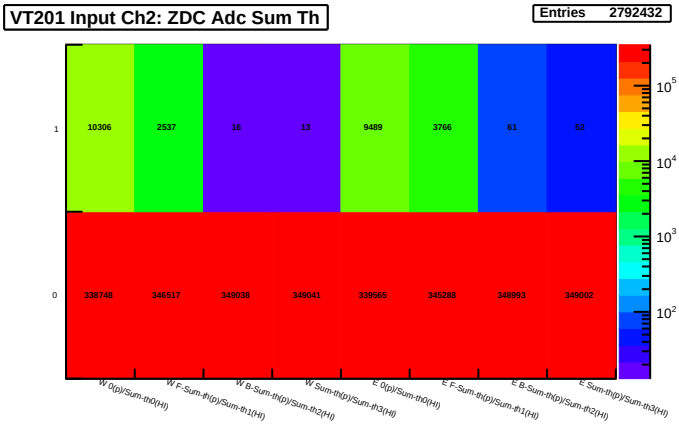

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

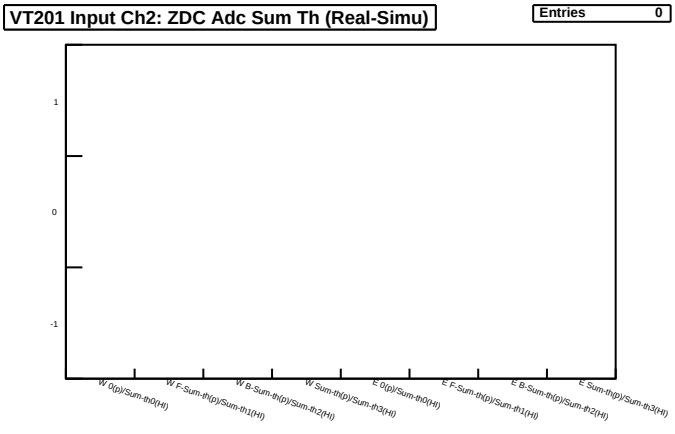

VT201 Input Ch1: EPD Hit Count Th
Entries 698108
343722
342244
5332
6810
East
West

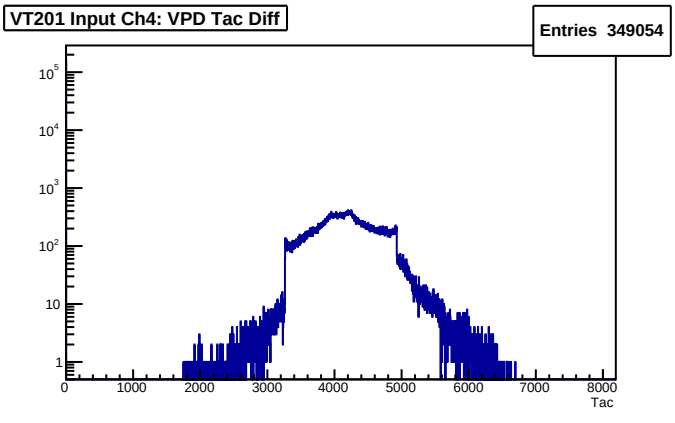

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

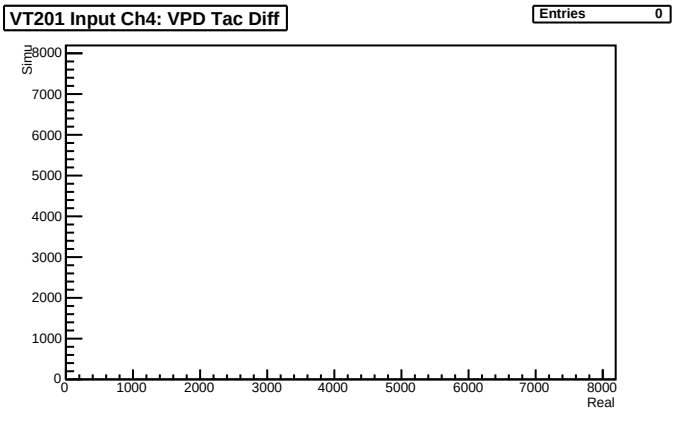

VT201 Input Ch2: ZDC Tac Diff
Entries 349054
Tac

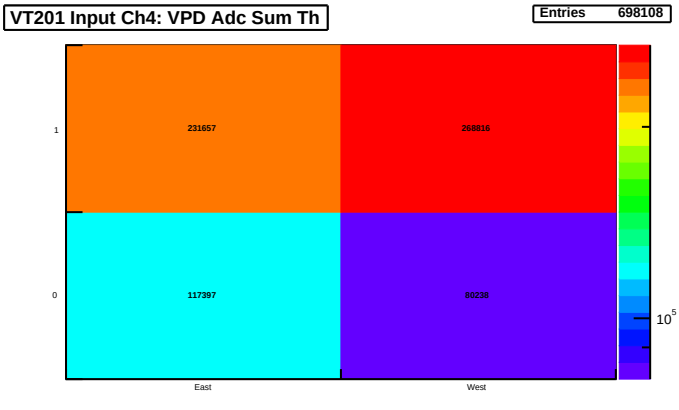

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

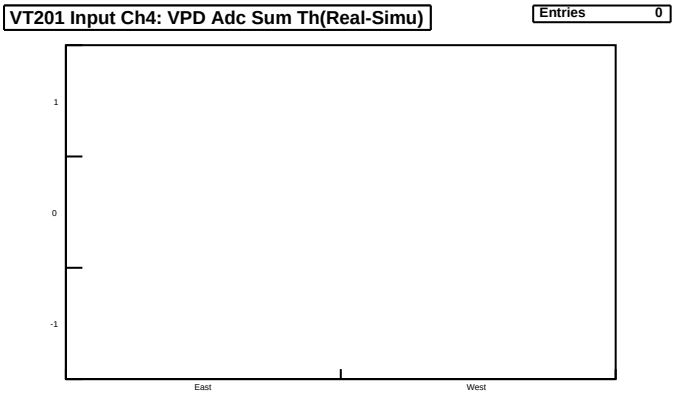

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2792432
10306
2537
16
13
9489
3766
61
52
338748
346517
349038
349041
339565
345288
348993
349002
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

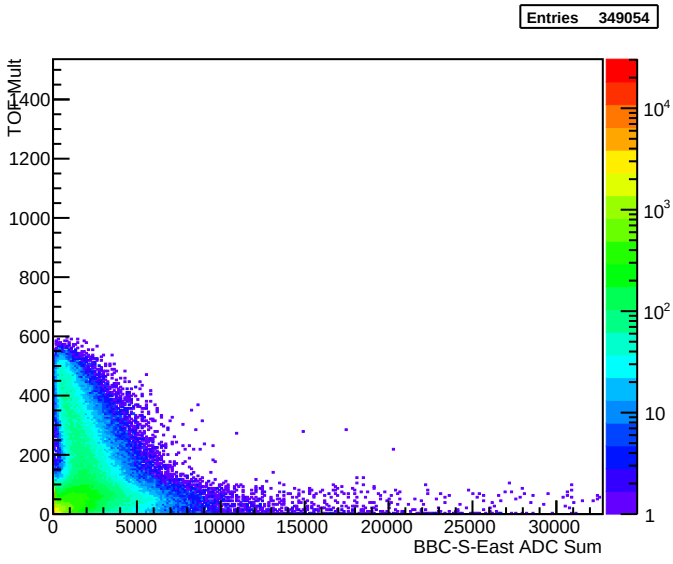

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

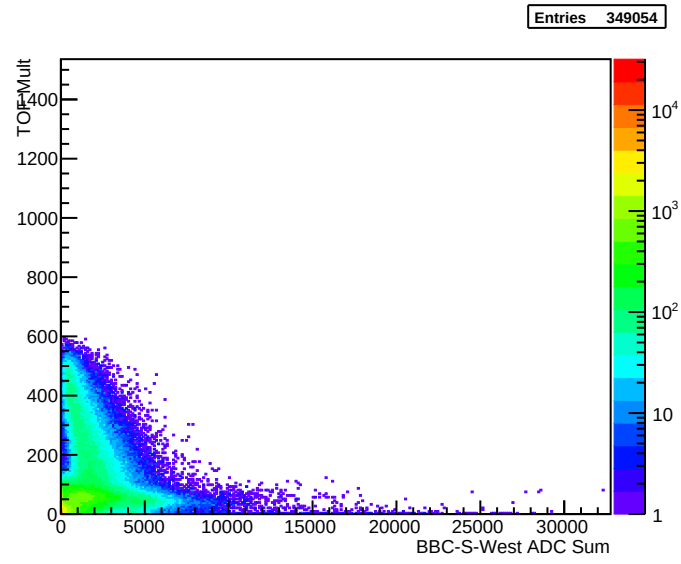

VT201 Input Ch4: VPD Tac Diff
Entries 349054
Tac

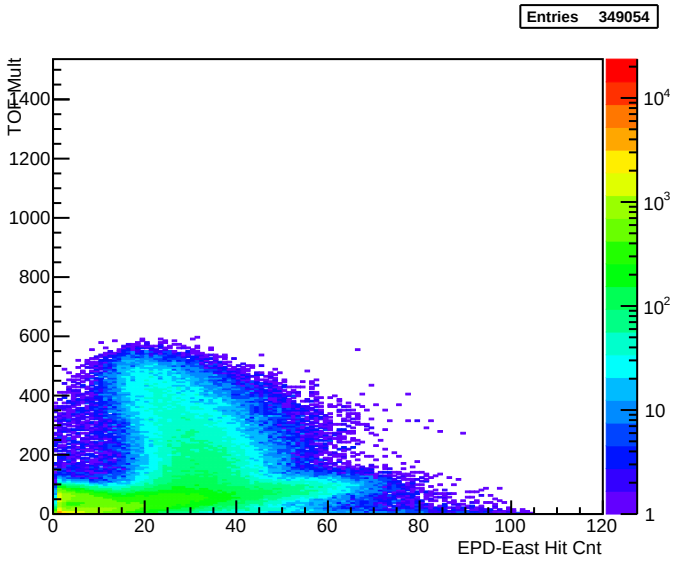

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

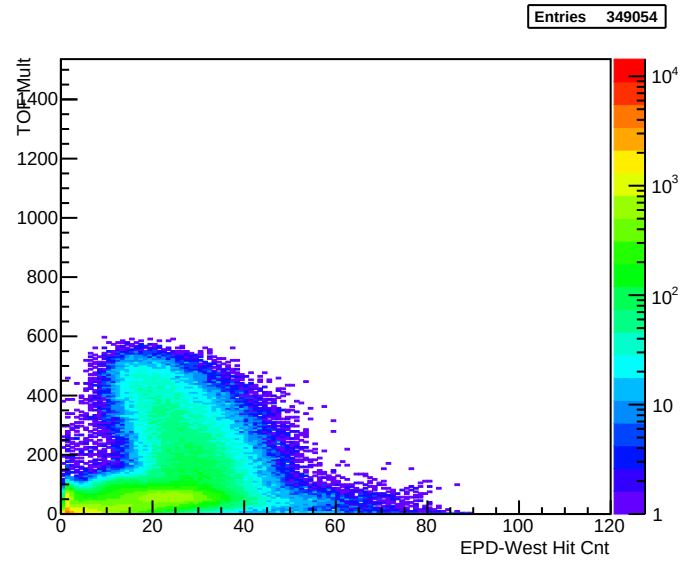

VT201 Input Ch4: VPD Adc Sum Th
Entries 698108
231657
268816
117397
80238
East
West

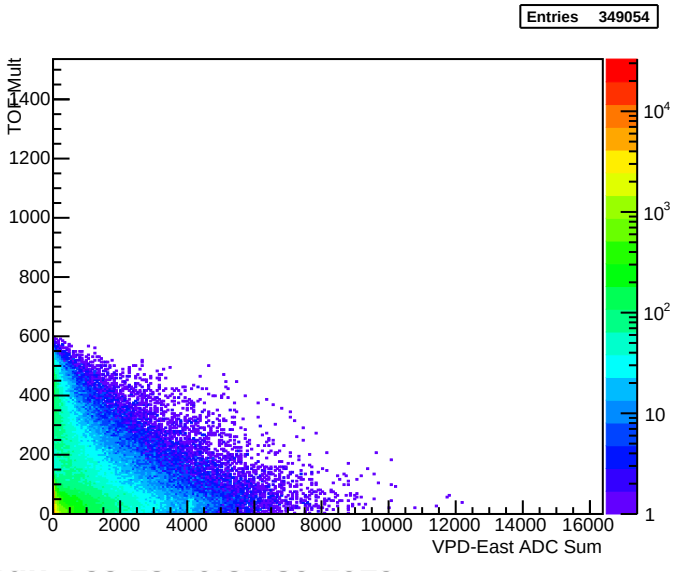

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

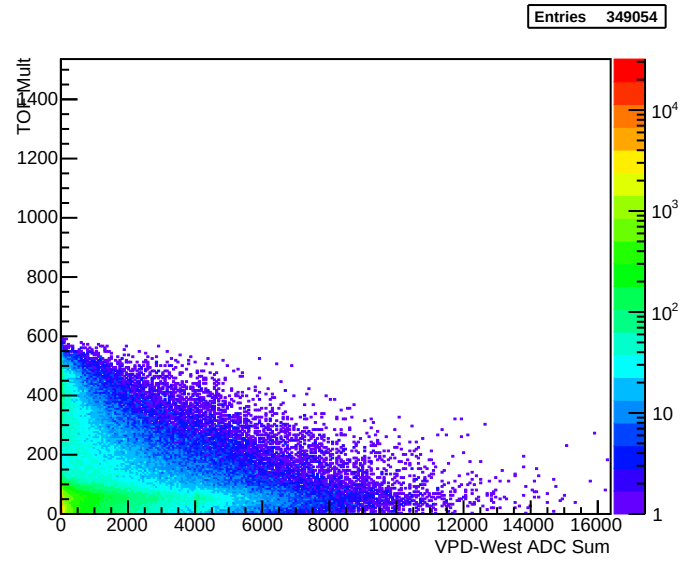

Entries 349054
TOF-Mult
BBC-S-East ADC Sum

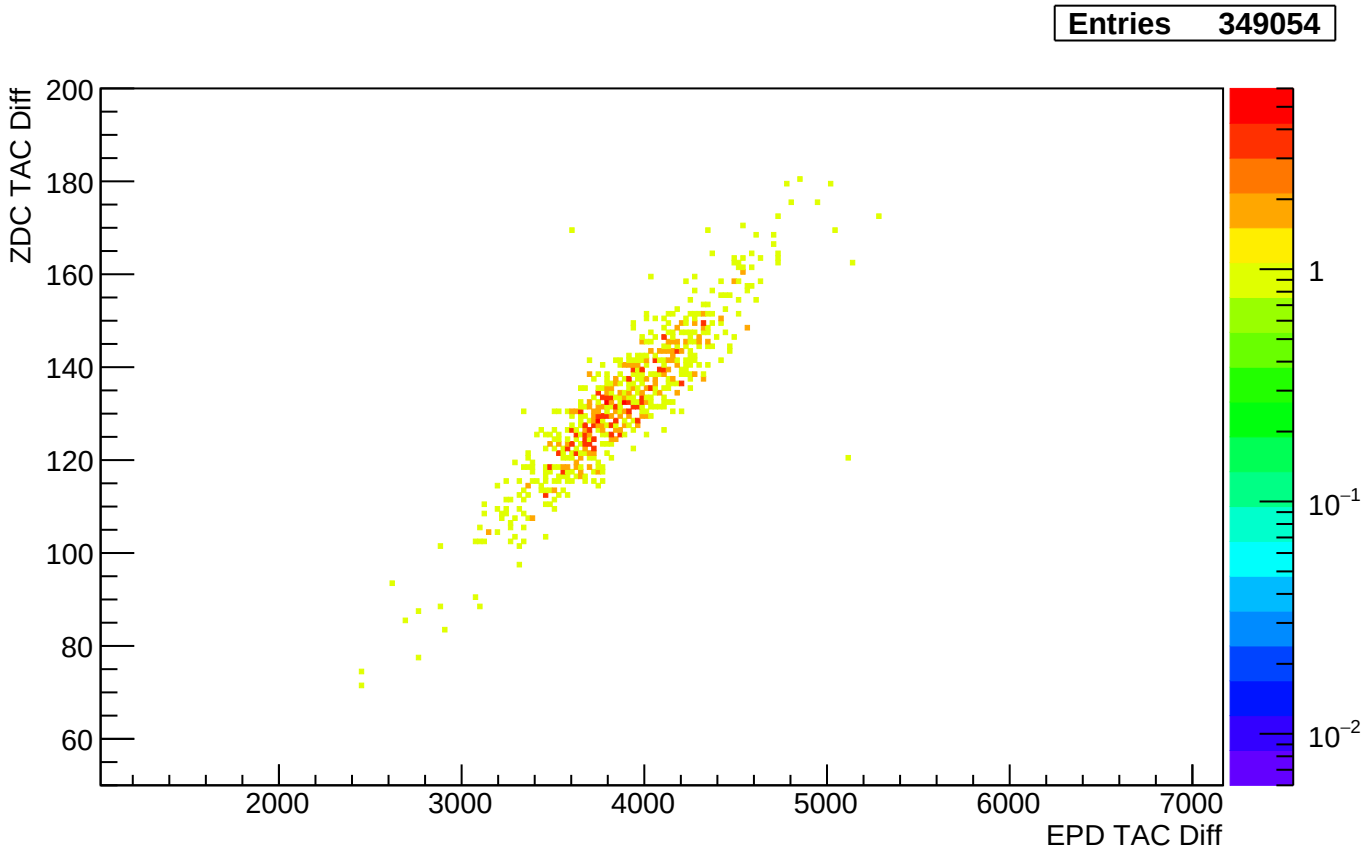

Entries 349054
TOF-Mult
BBC-S-West ADC Sum

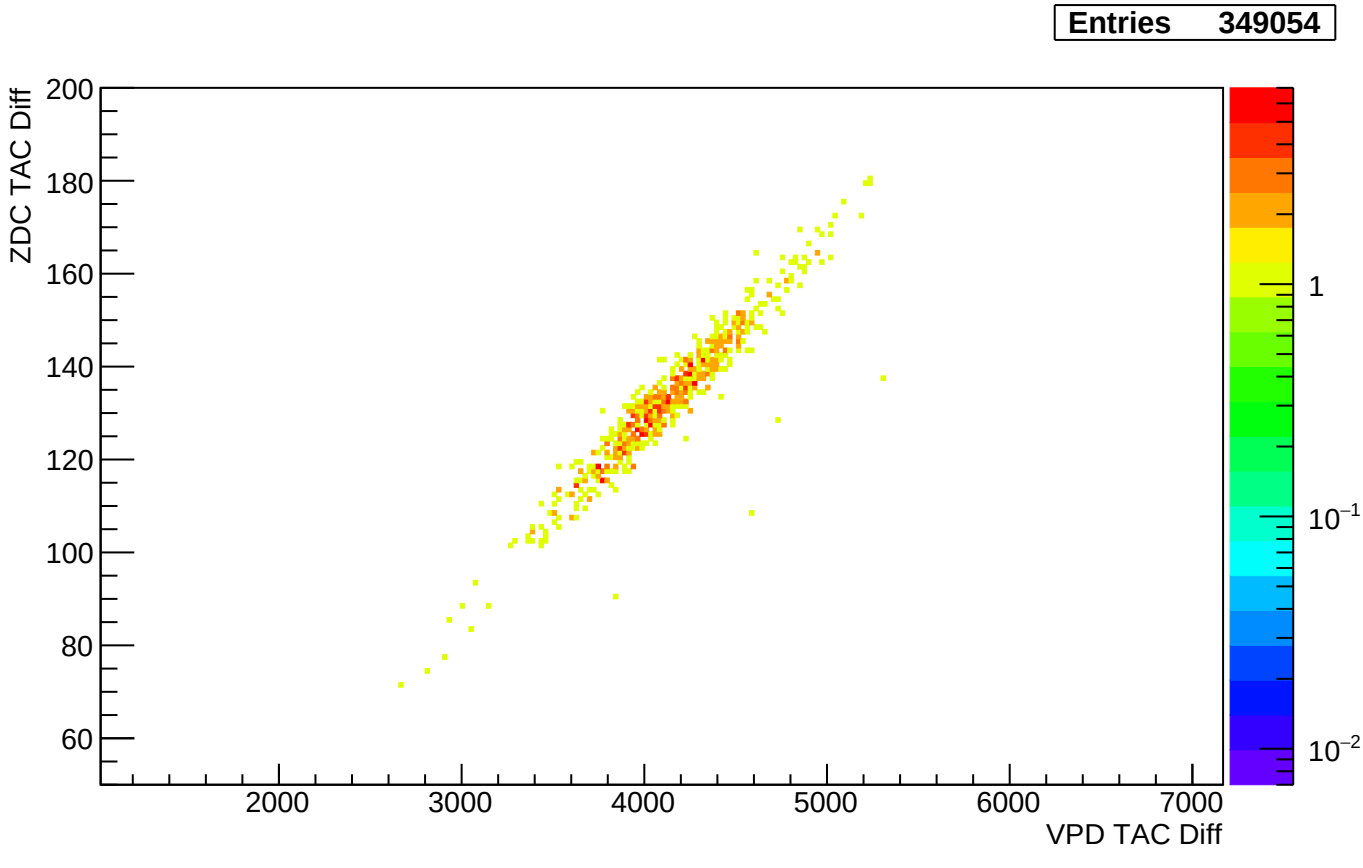

Entries 349054
TOF-Mult
EPD-East Hit Cnt

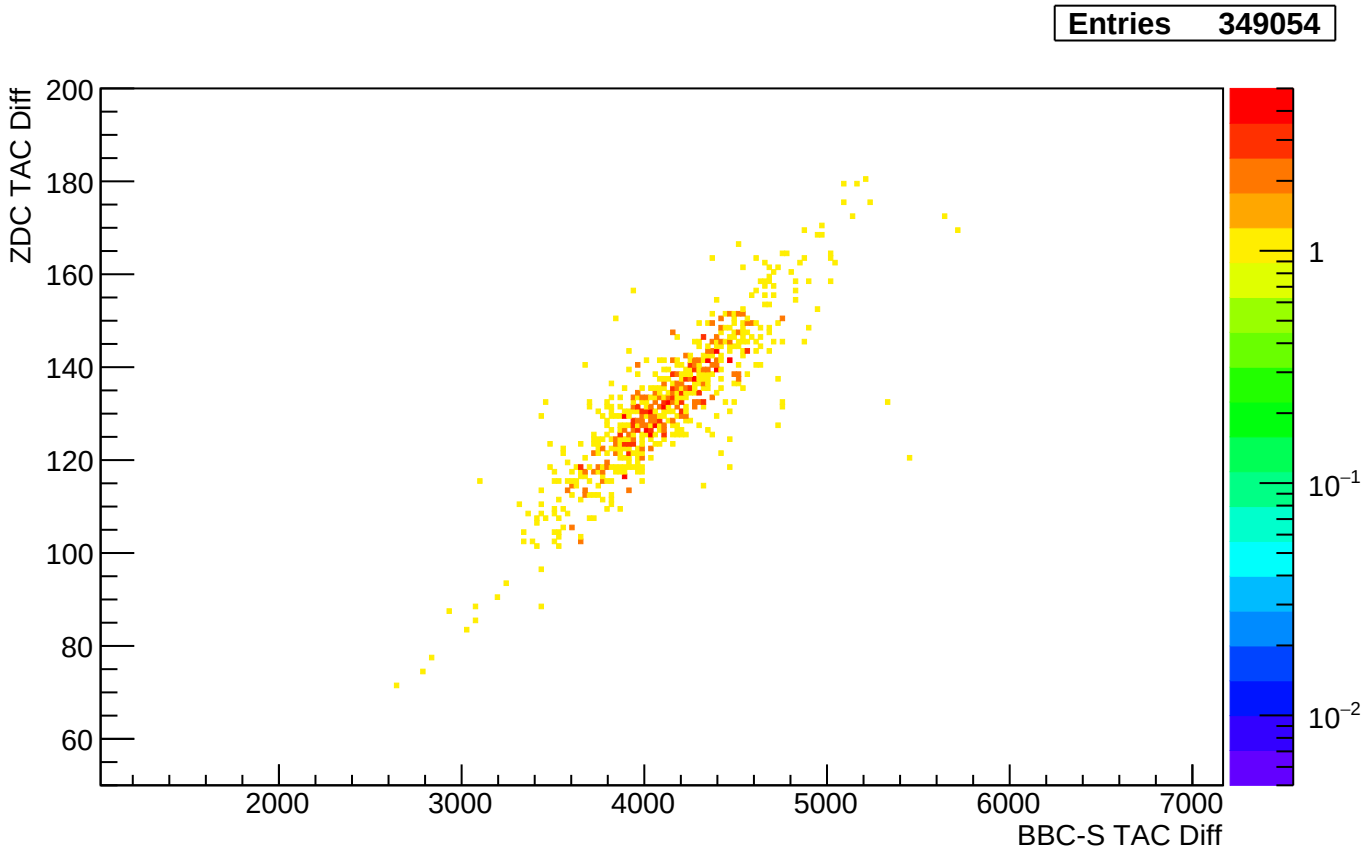

Entries 349054
TOF-Mult
EPD-West Hit Cnt

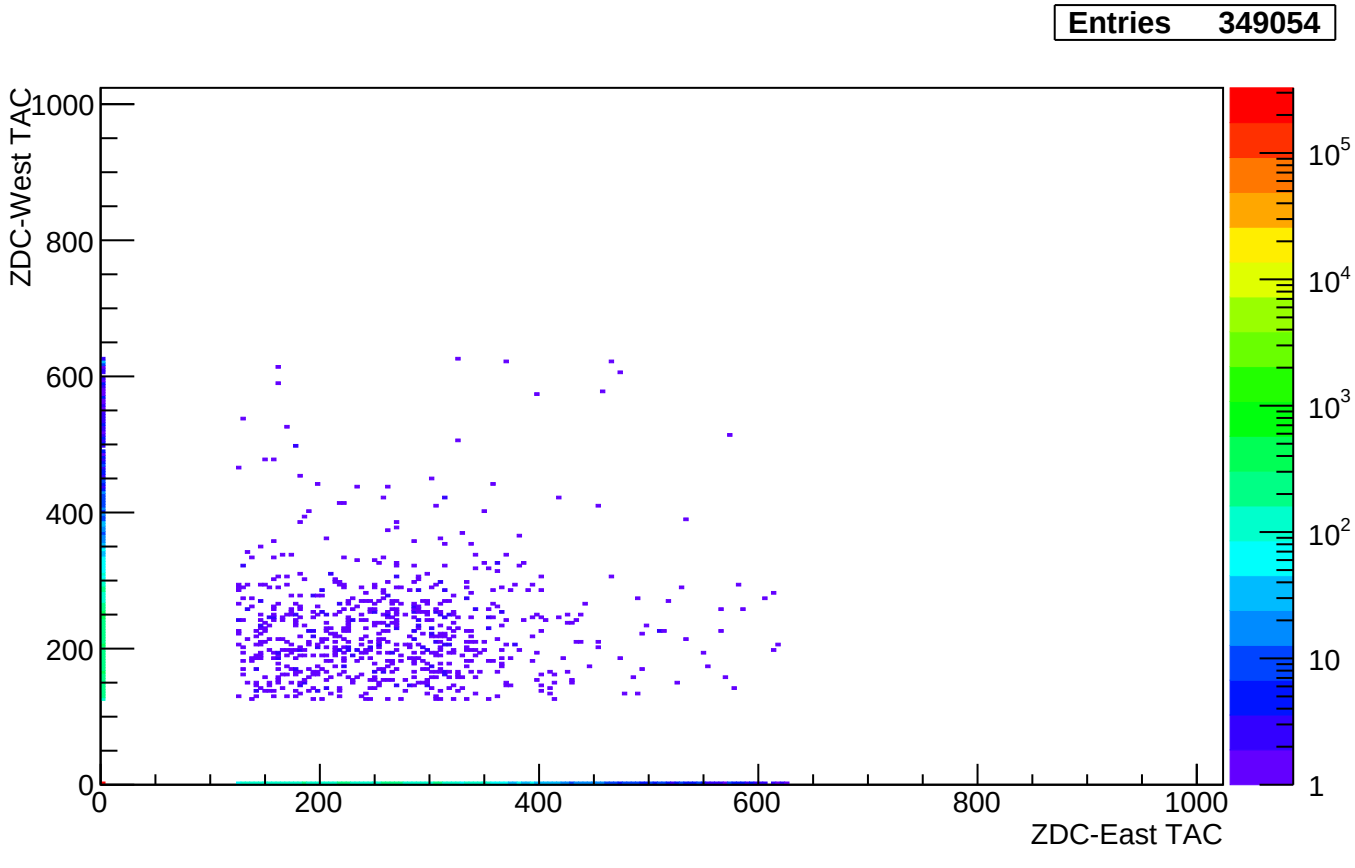

Entries 349054
TOF-Mult
VPD-East ADC Sum

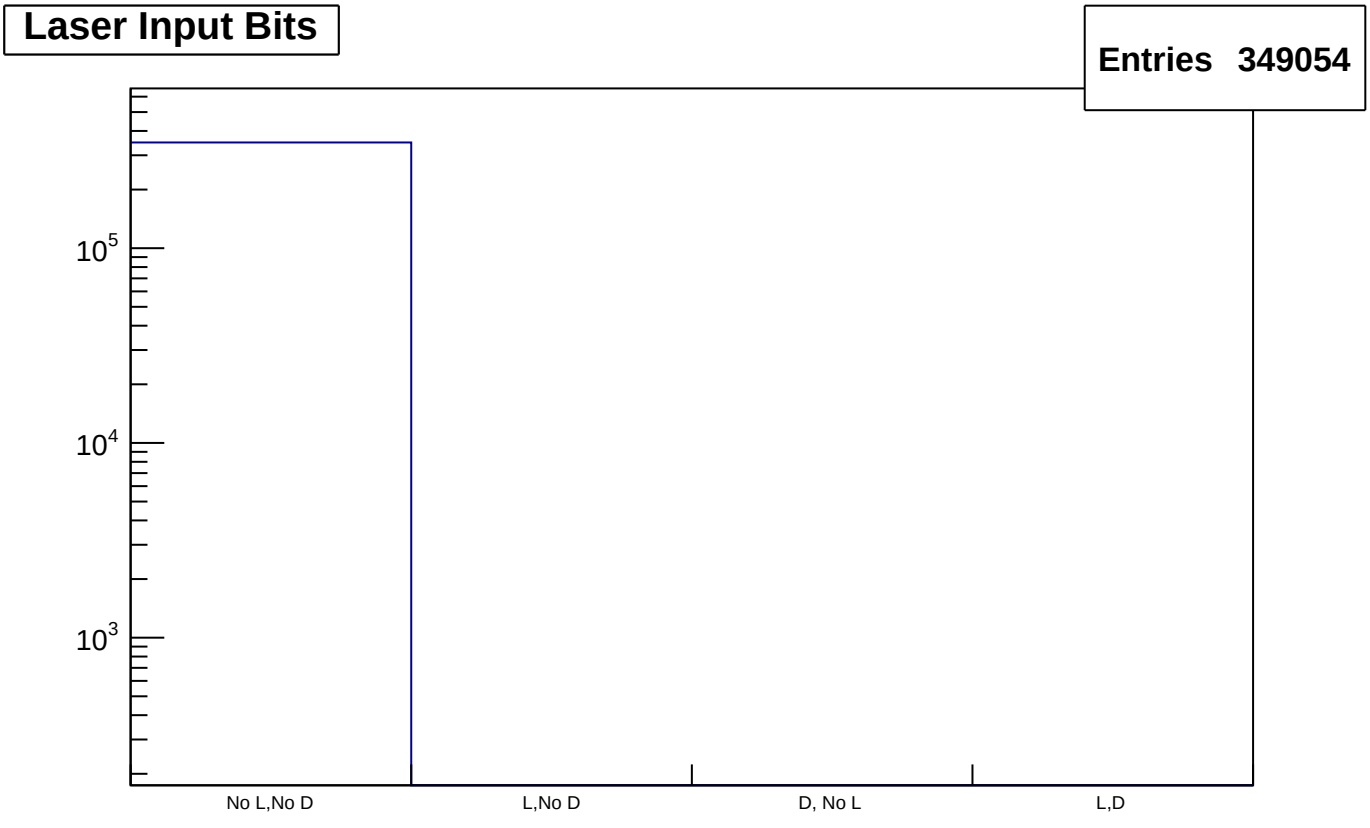

Entries 349054
TOF-Mult
VPD-West ADC Sum

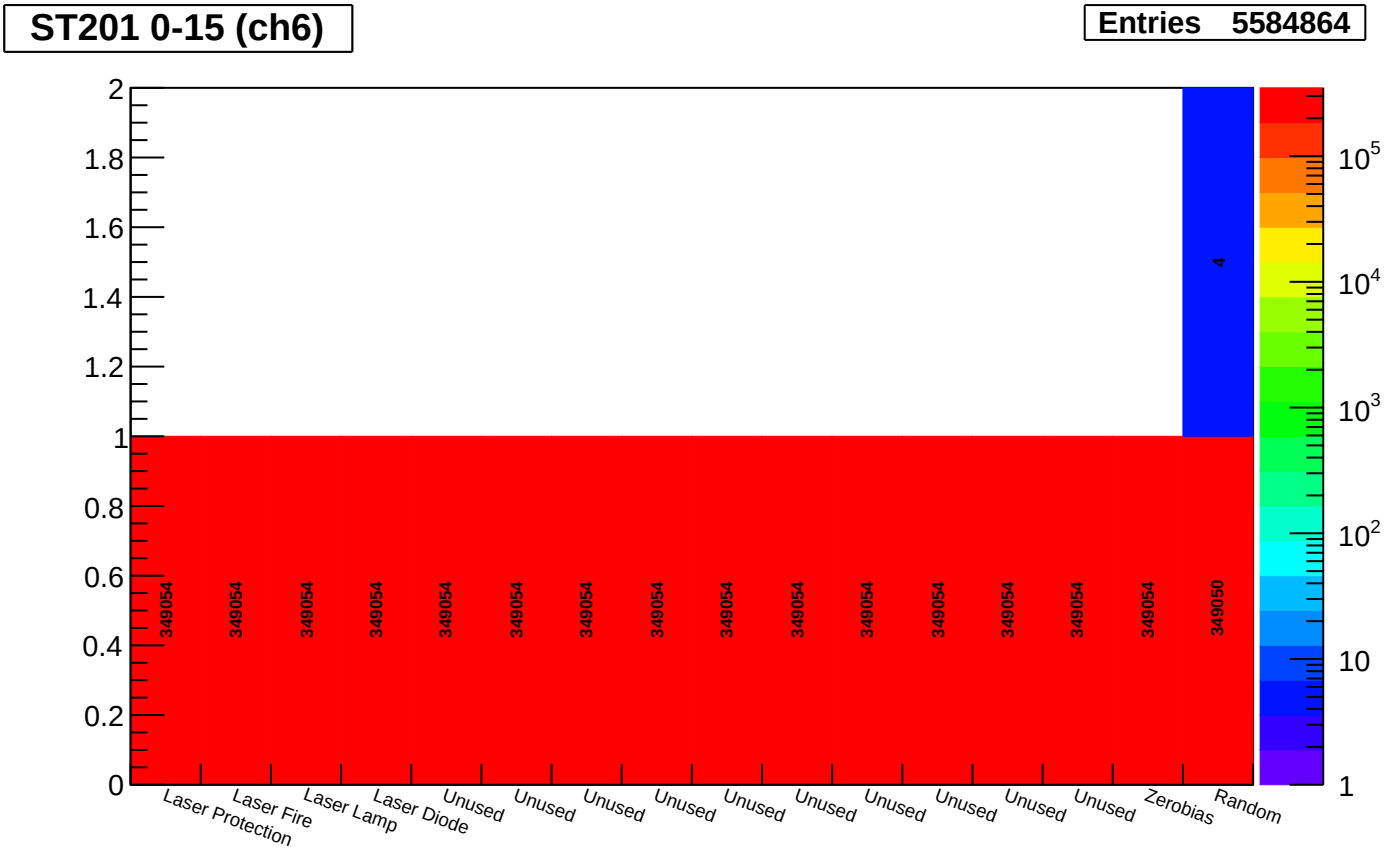

Entries 349054
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

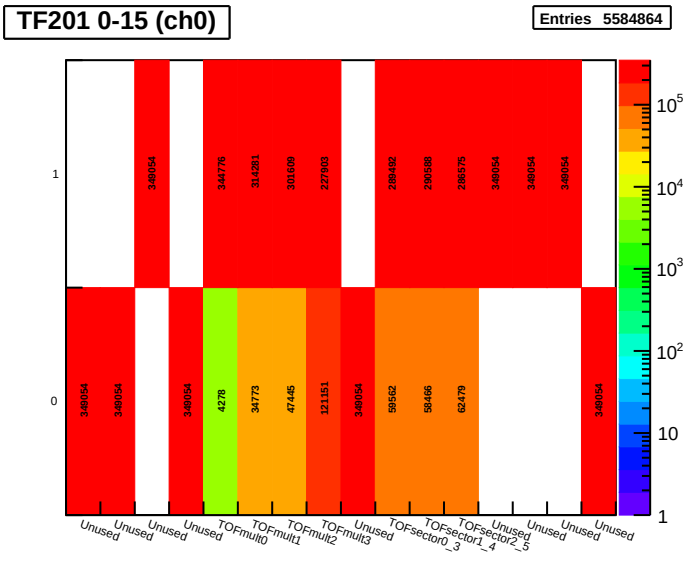

Entries 349054
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

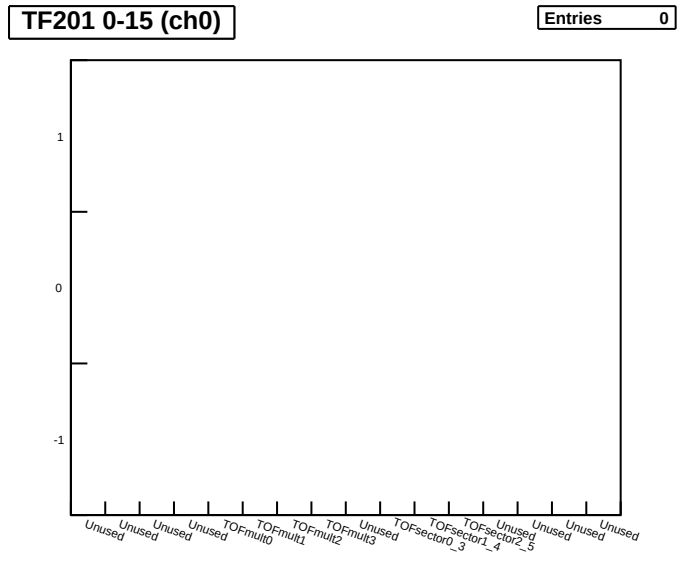

Entries 349054
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

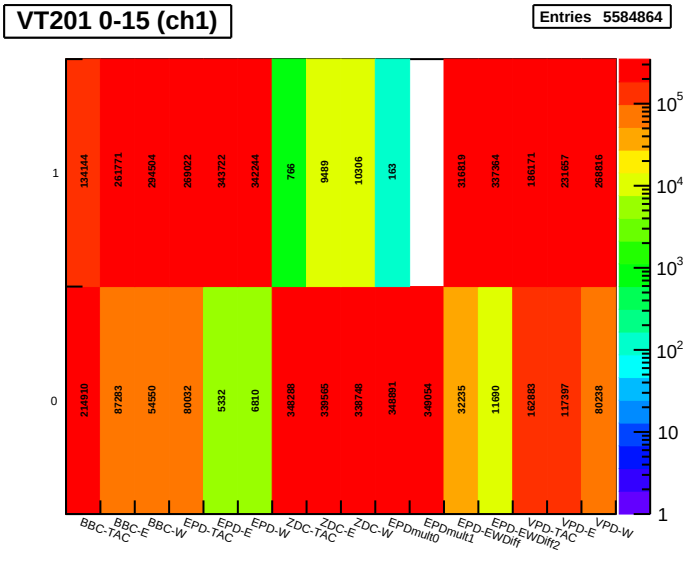

Entries 349054
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

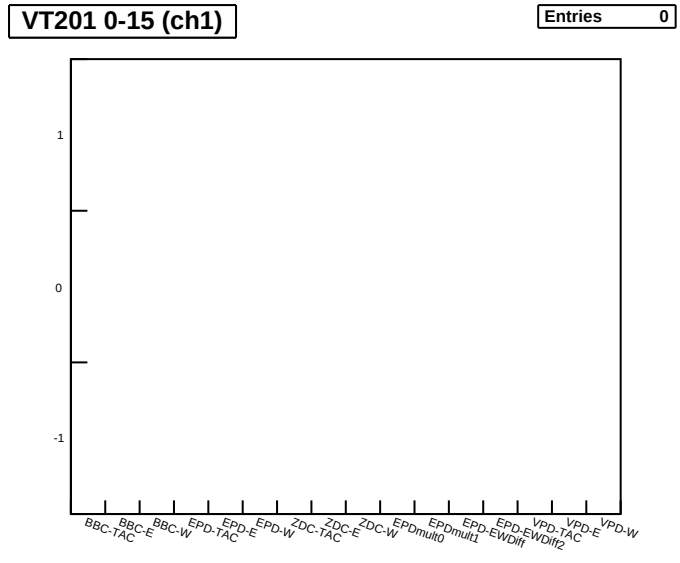

Laser Input Bits
Entries 349054
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

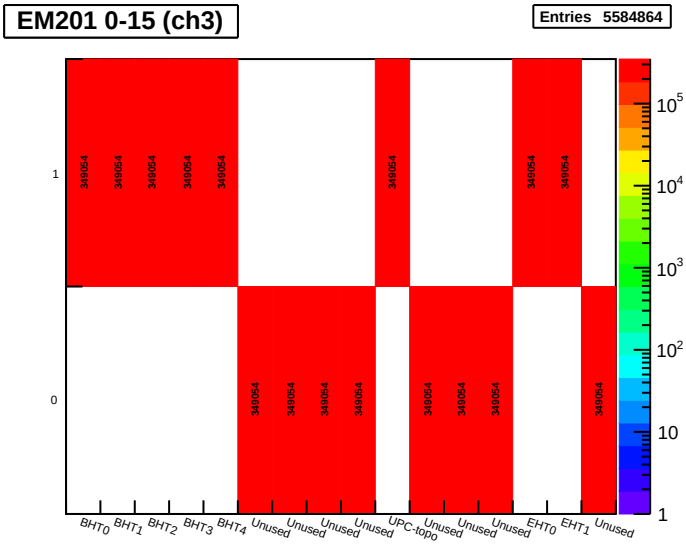

ST201 0-15 (ch6)
Entries 5584864
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
349054
349050
4
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

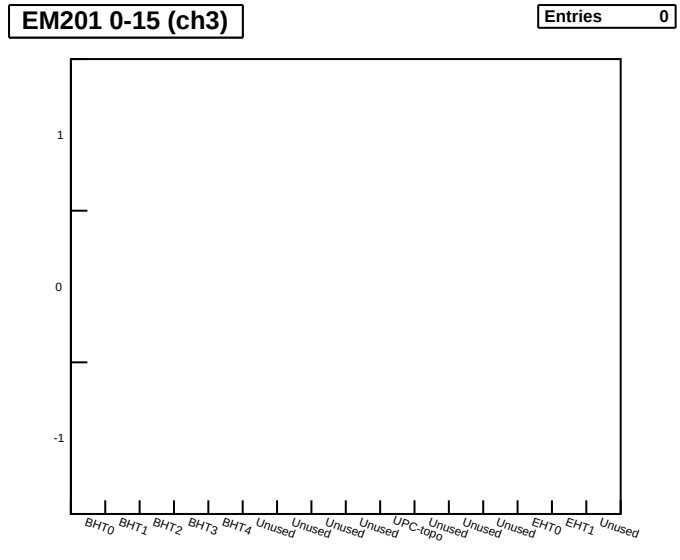

TF201 0-15 (ch0)
Entries 5584864
1
0
349054
344776
314281
301609
227903
289492
290588
286575
4278
34773
47445
121151
59562
58466
62479
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5584864
1
0
134144
261771
294504
269022
343722
342244
766
9489
10306
163
316819
337364
186171
231657
268816
214910
87283
54550
80032
5332
6810
348238
339565
338748
348881
349054
32235
11690
162883
117397
80238
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 5584864
1
0
349054
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