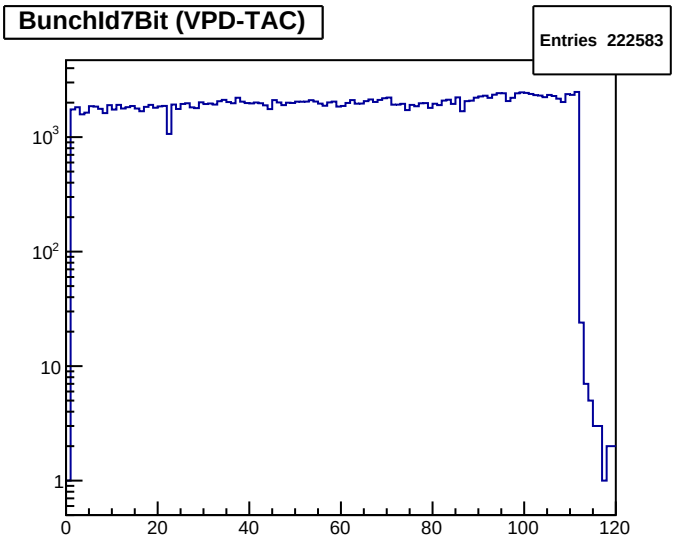
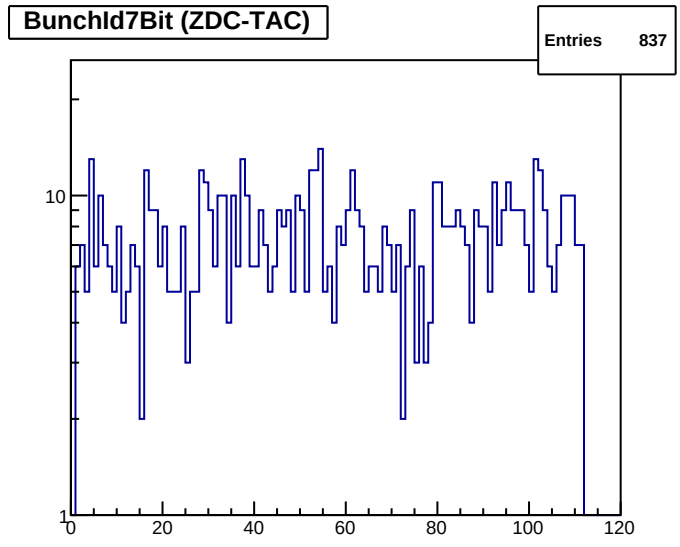
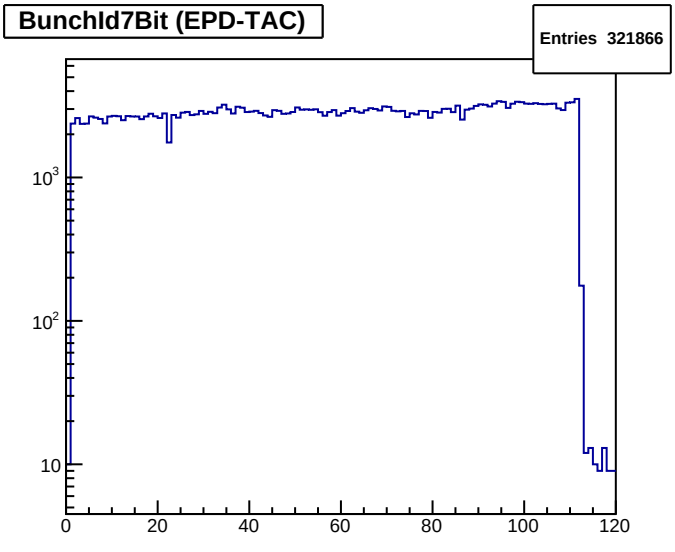
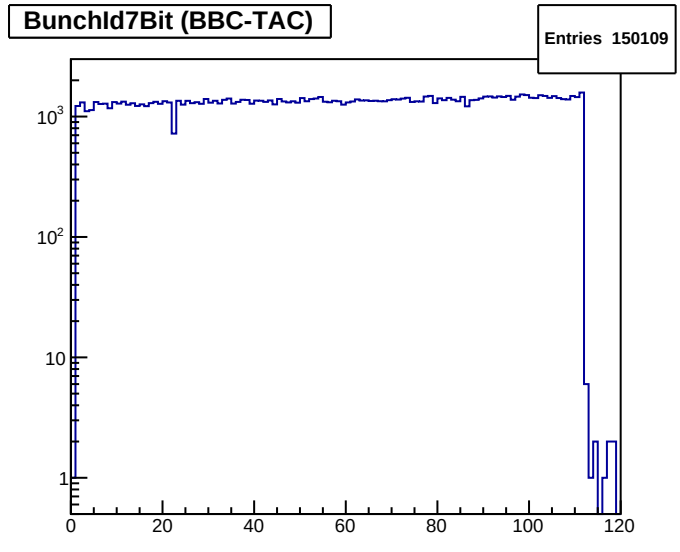
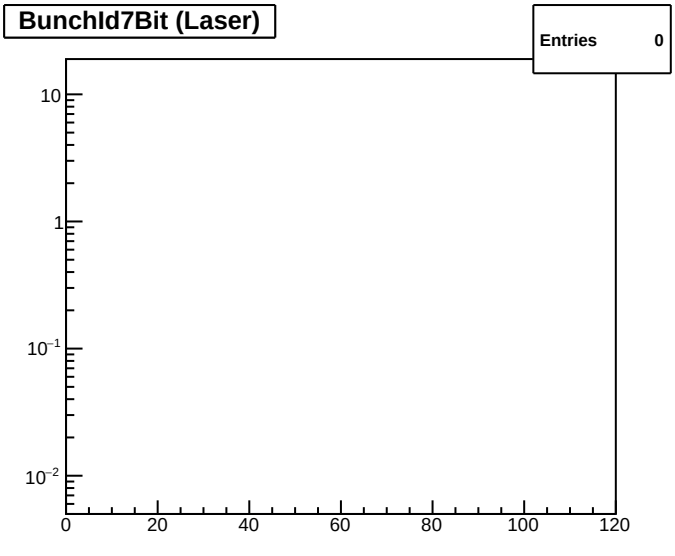
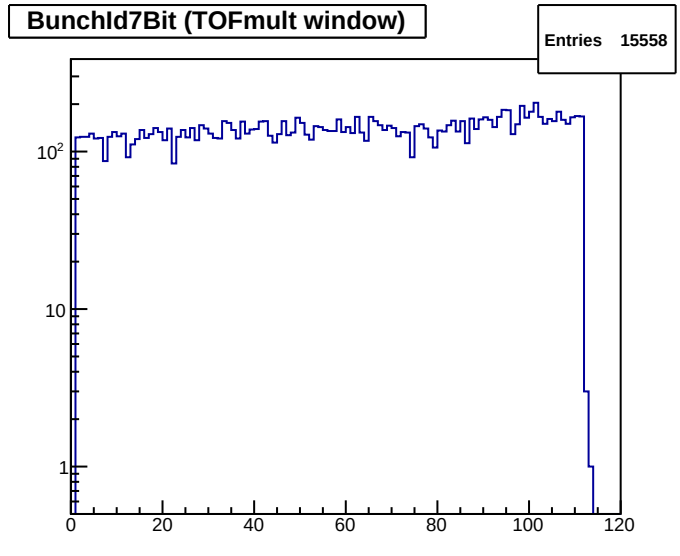

BunchId7Bit (VPD-TAC)
Entries 222583

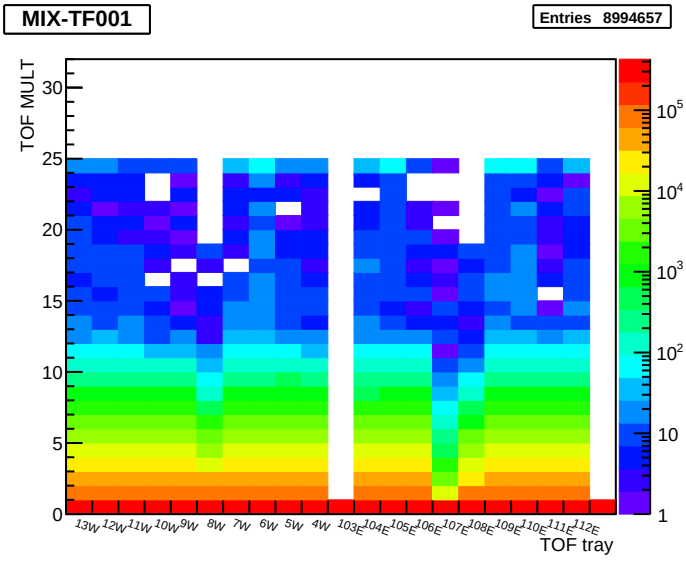

BunchId7Bit (ZDC-TAC)
Entries 837

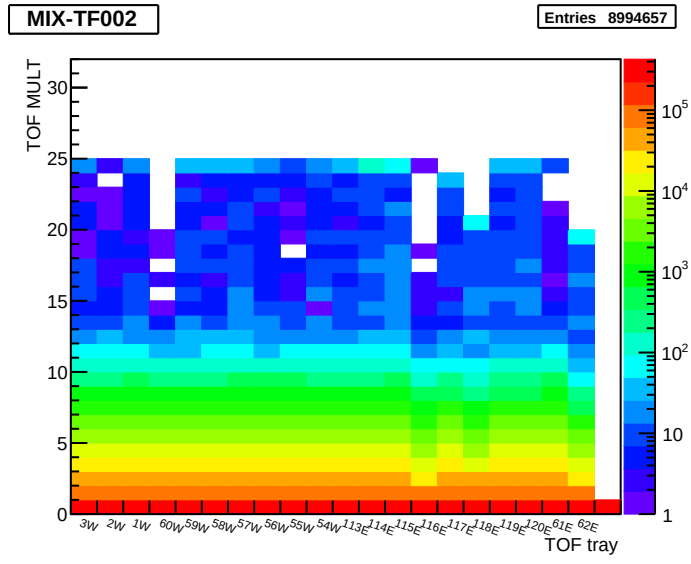

BunchId7Bit (EPD-TAC)
Entries 321866

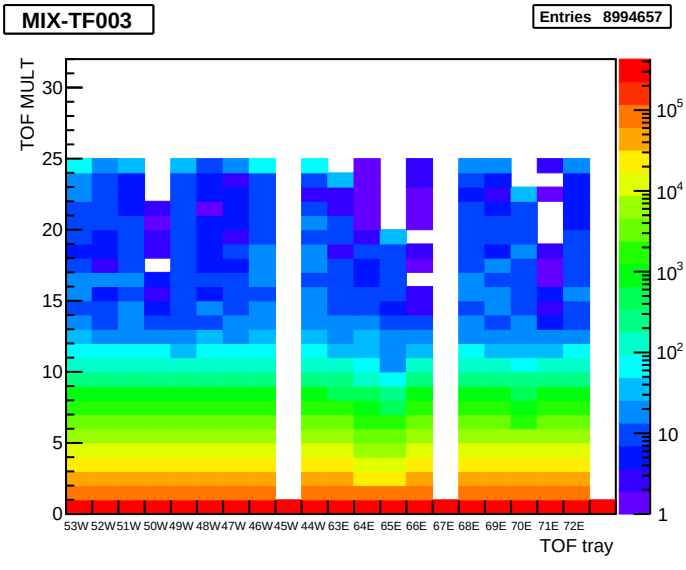

BunchId7Bit (BBC-TAC)
Entries 150109

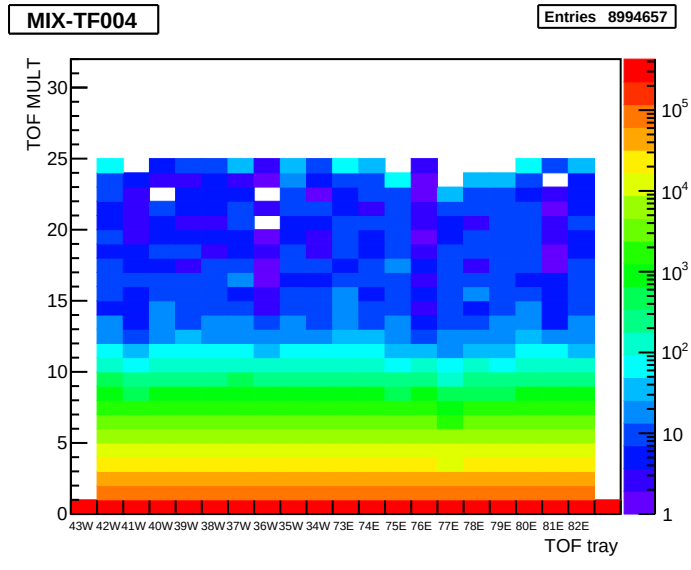

BunchId7Bit (Laser)
Entries 0

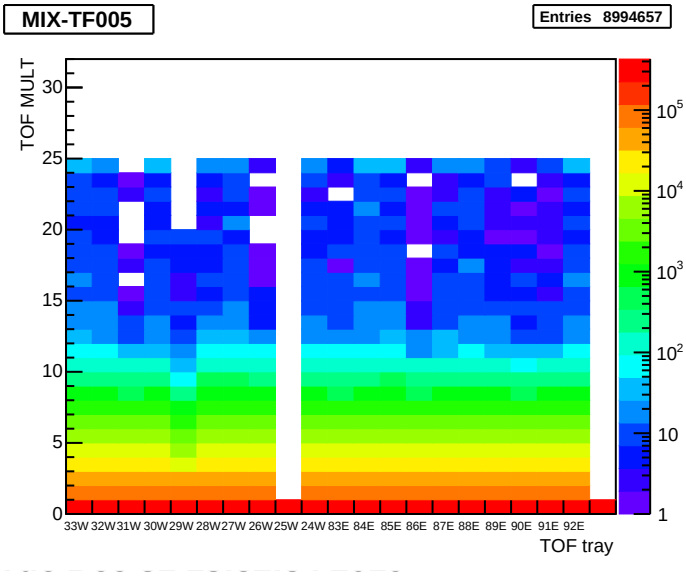

BunchId7Bit (TOFmult window)
Entries 15558

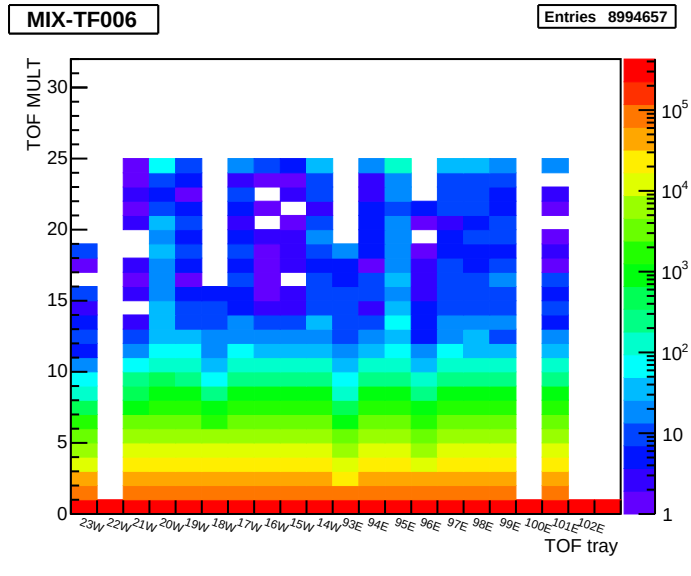

MIX-TF001
Entries 8994657
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

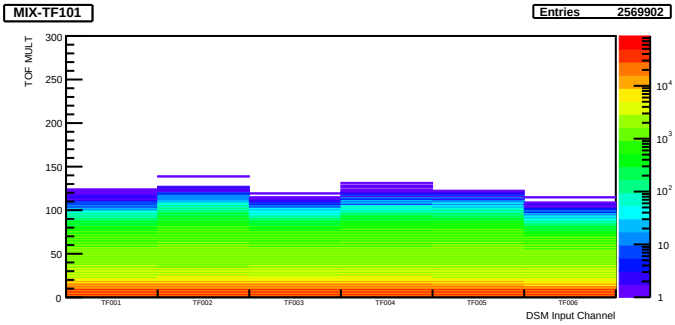

MIX-TF002
Entries 8994657
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

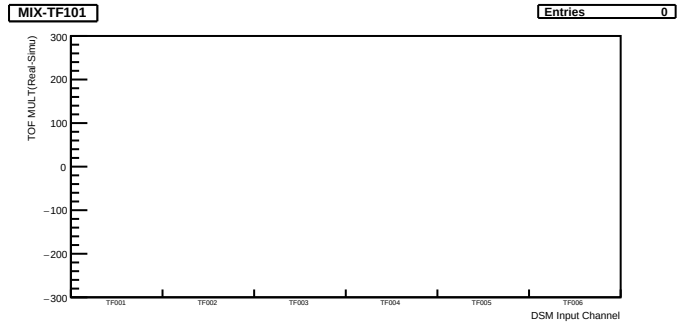

MIX-TF003
Entries 8994657
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

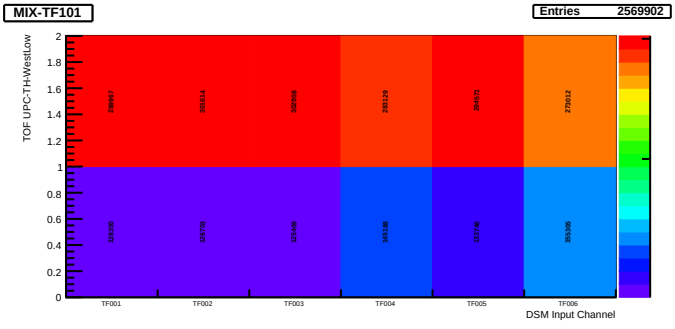

MIX-TF004
Entries 8994657
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

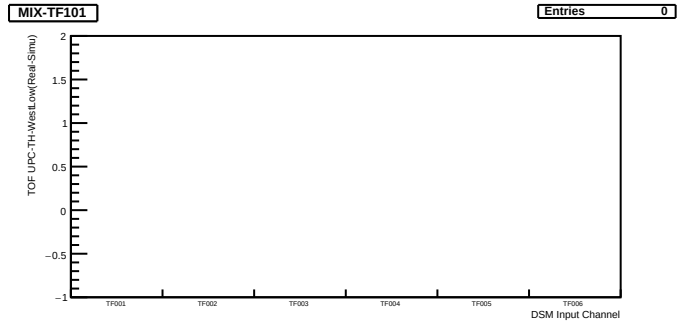

MIX-TF005
Entries 8994657
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

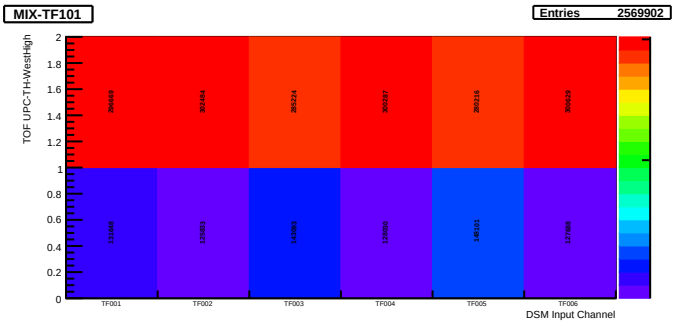

MIX-TF006
Entries 8994657
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

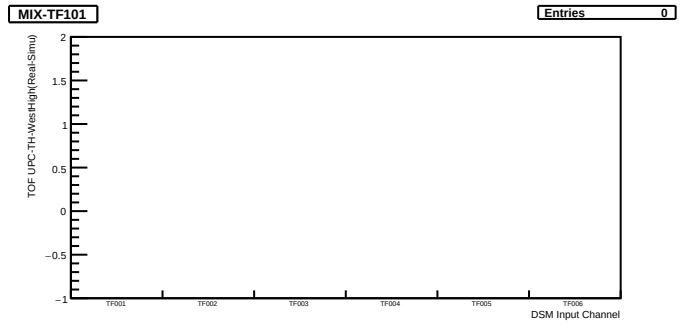

MIX-TF101
Entries 2569902
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

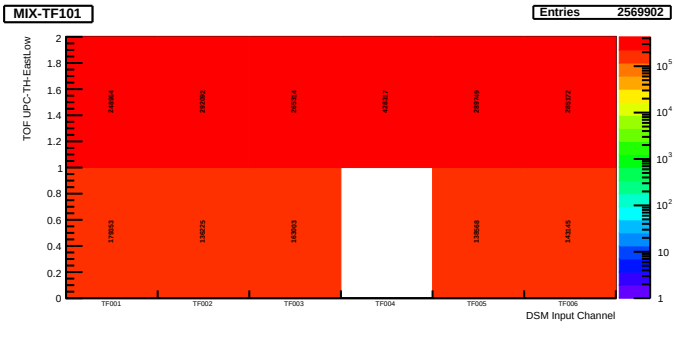

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

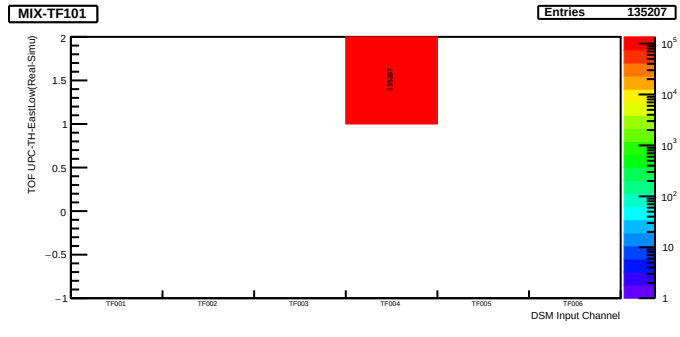

MIX-TF101
Entries 2569902
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

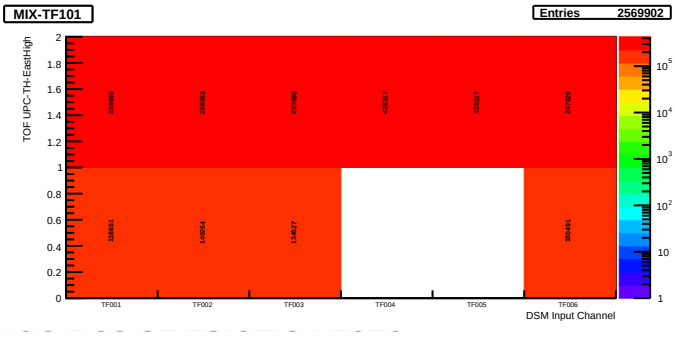

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

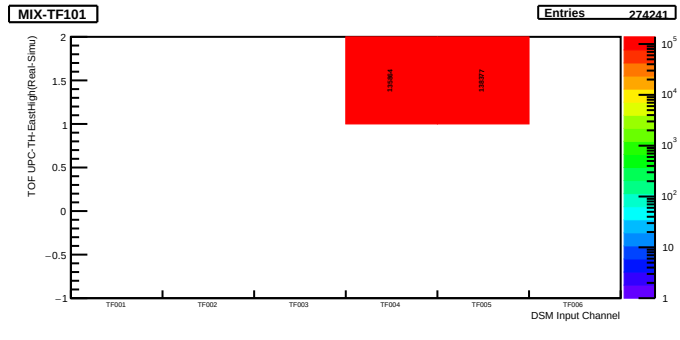

MIX-TF101
Entries 2569902
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

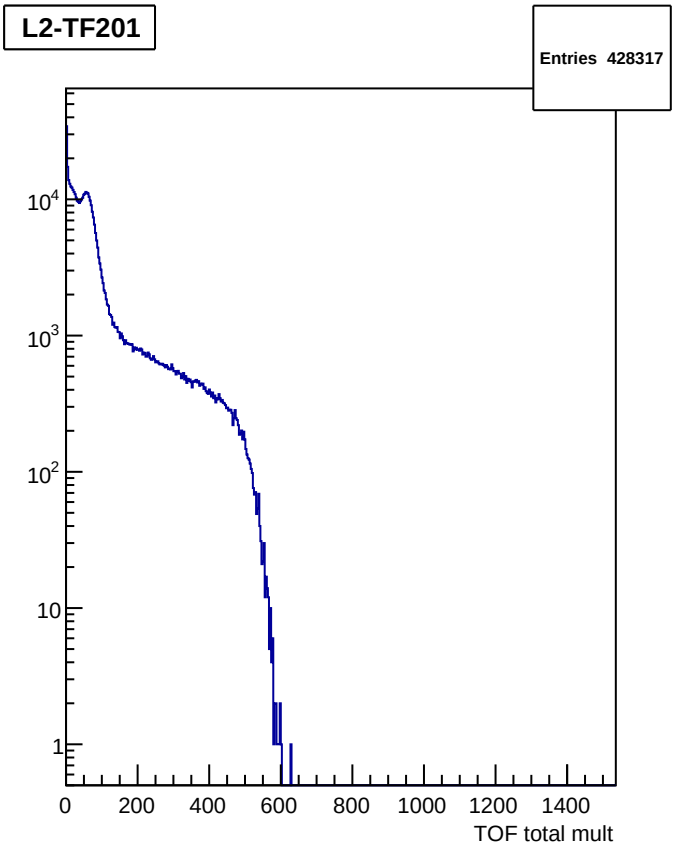

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

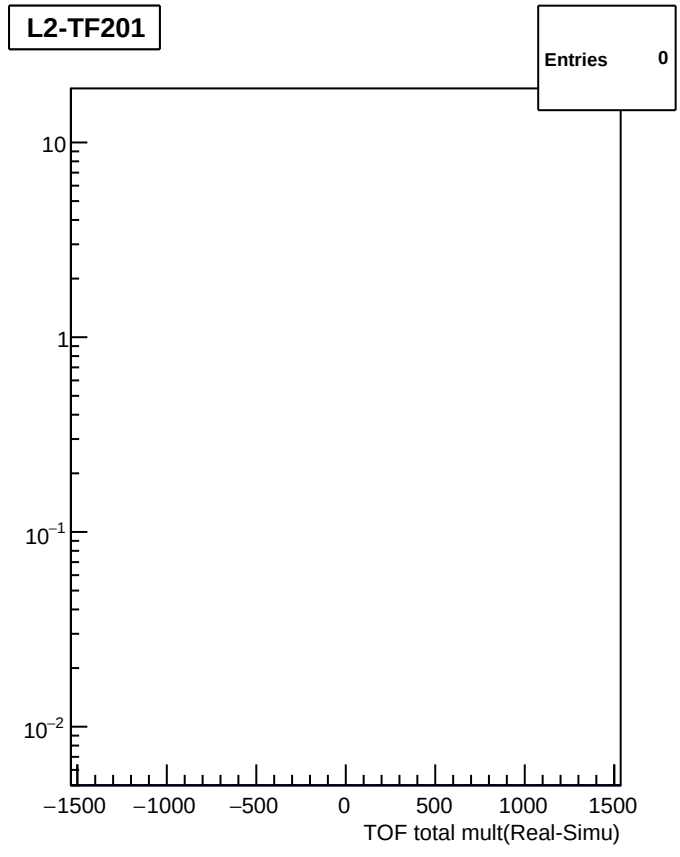

MIX-TF101
Entries 2569902
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

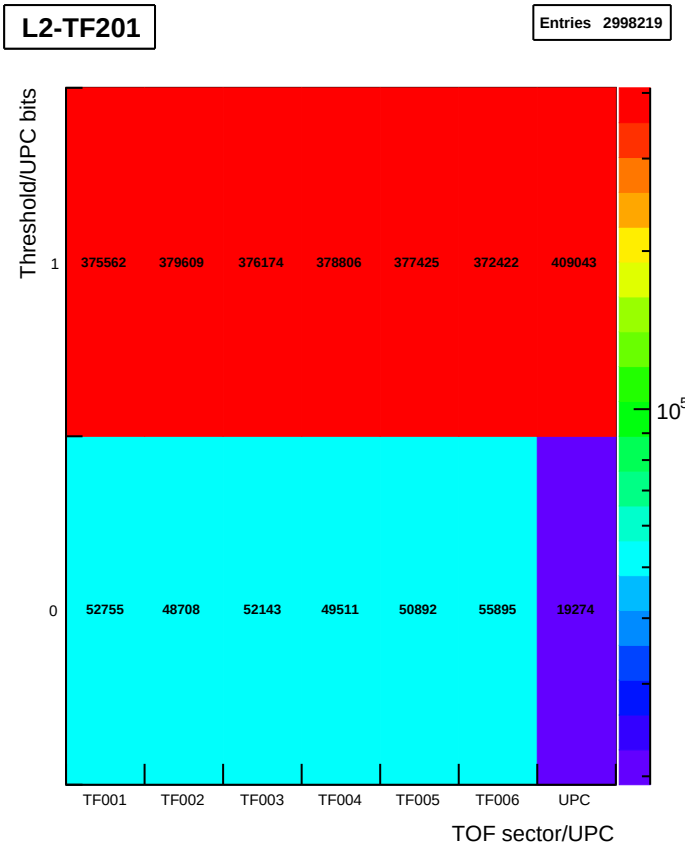

MIX-TF101
Entries 135207
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

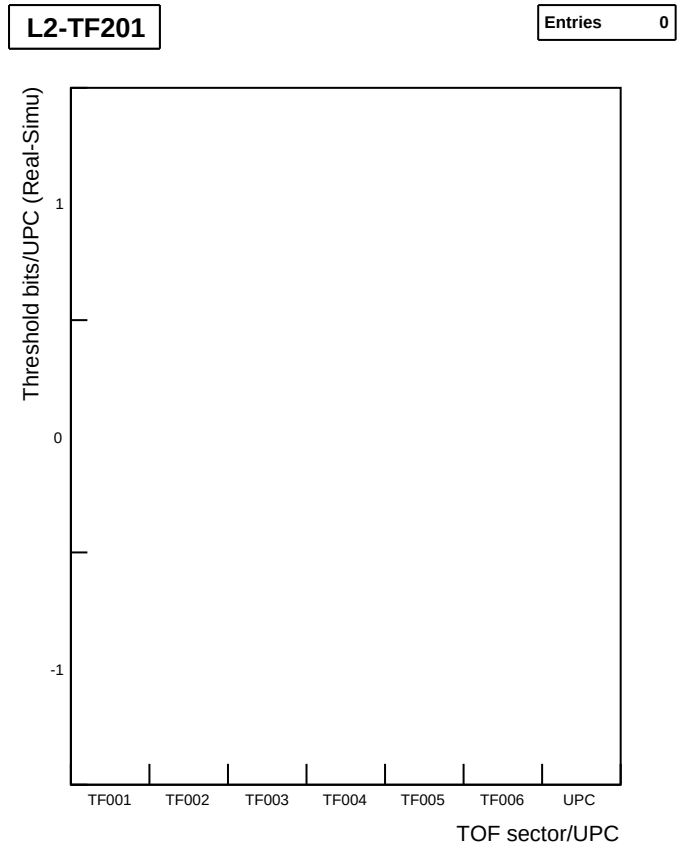

MIX-TF101
Entries 2569902
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

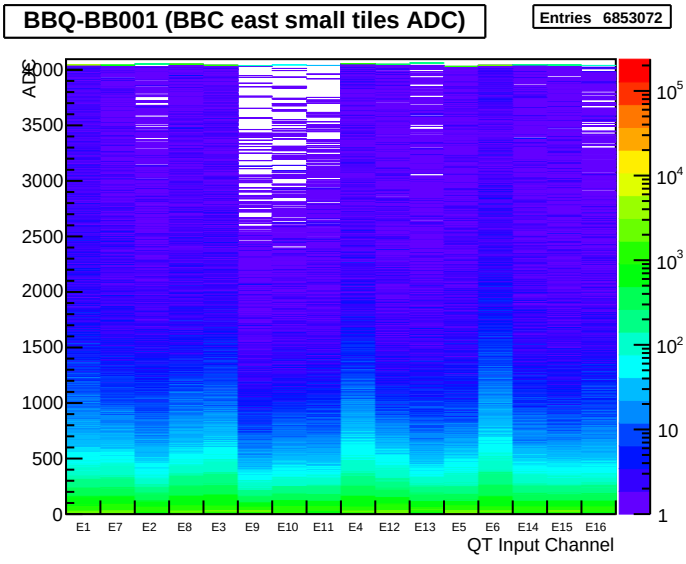

MIX-TF101
Entries 274241
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

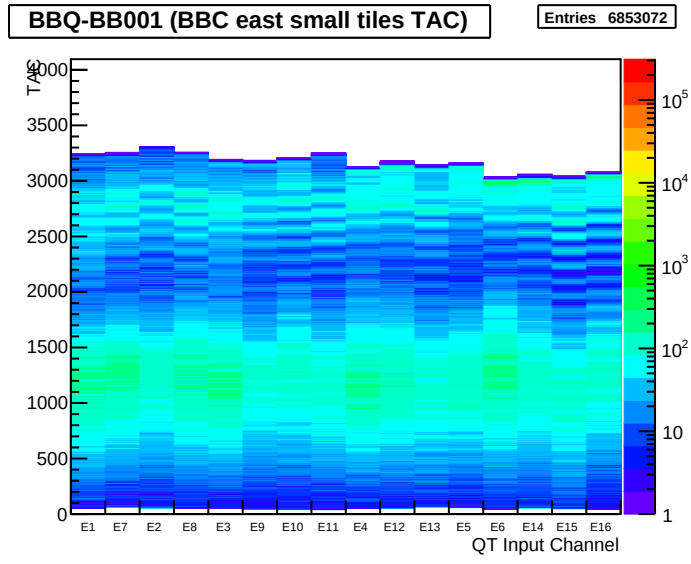

L2-TF201
Entries 428317
TOF total mult

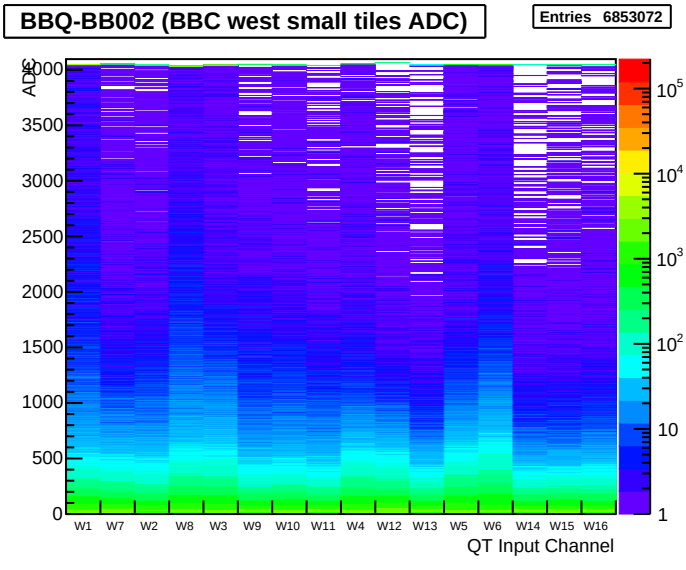

L2-TF201
Entries 0
TOF total mult(Real-Simu)

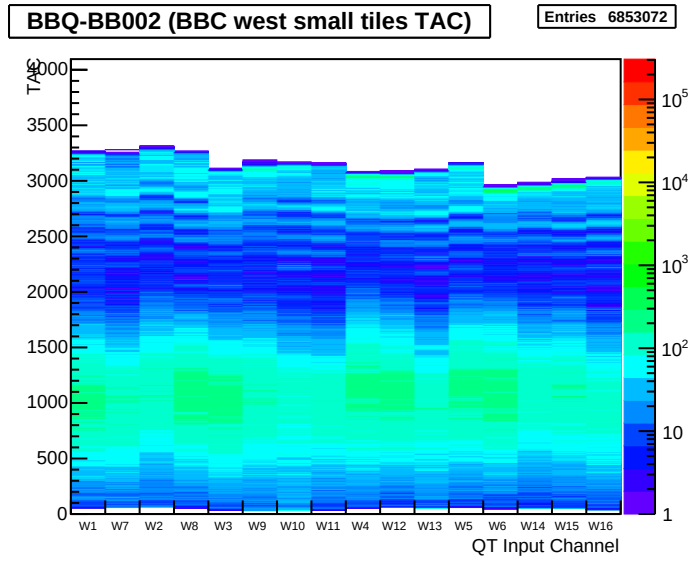

L2-TF201
Entries 2998219
Threshold/UPC bits
375562 379609 376174 378806 377425 372422 409043
52755 48708 52143 49511 50892 55895 19274
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

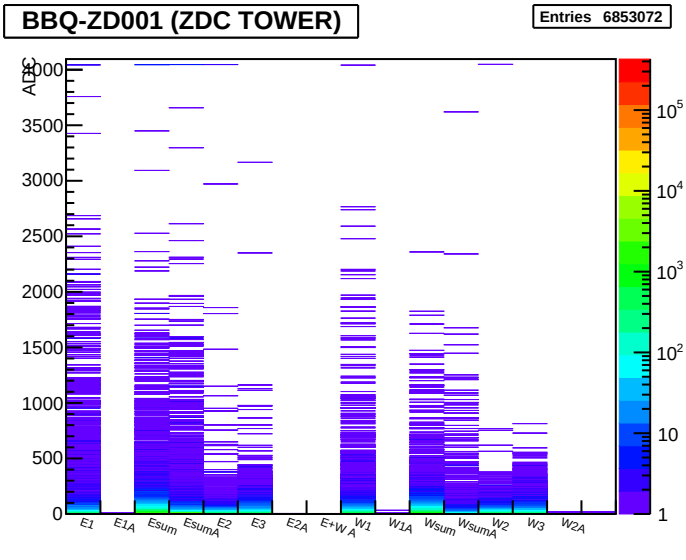

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

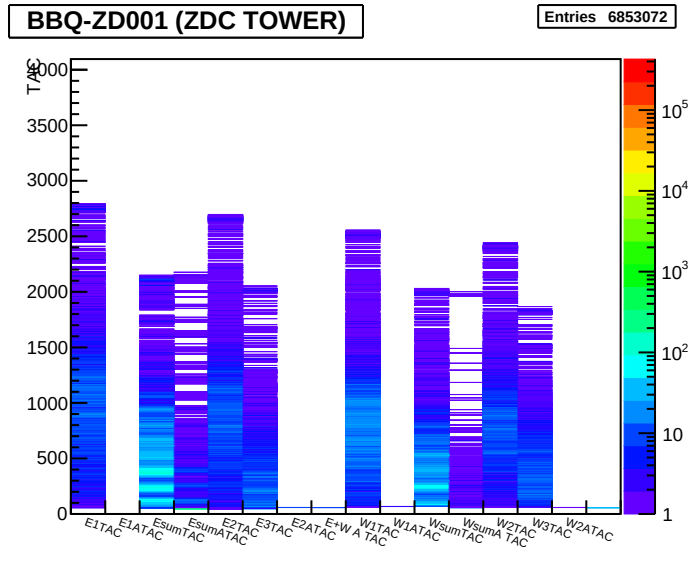

BBQ-BB001 (BBC east small tiles ADC)
Entries 6853072
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

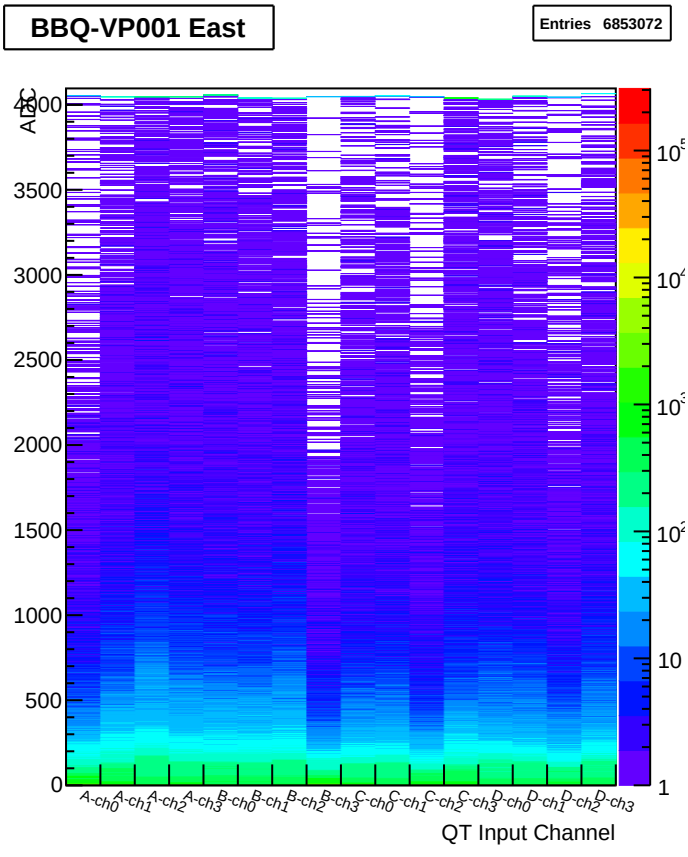

BBQ-BB001 (BBC east small tiles TAC)
Entries 6853072
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

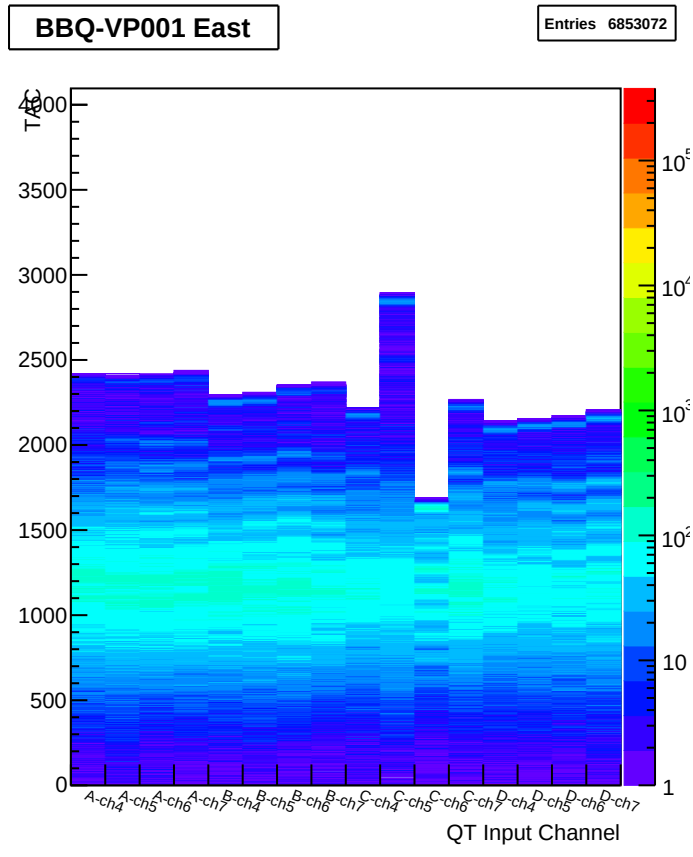

BBQ-BB002 (BBC west small tiles ADC)
Entries 6853072
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

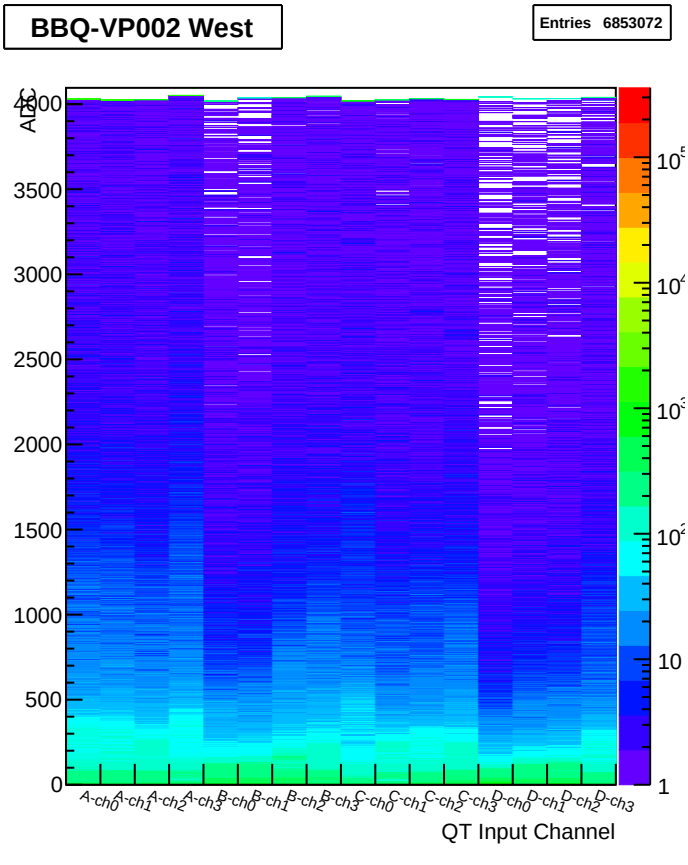

BBQ-BB002 (BBC west small tiles TAC)
Entries 6853072
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

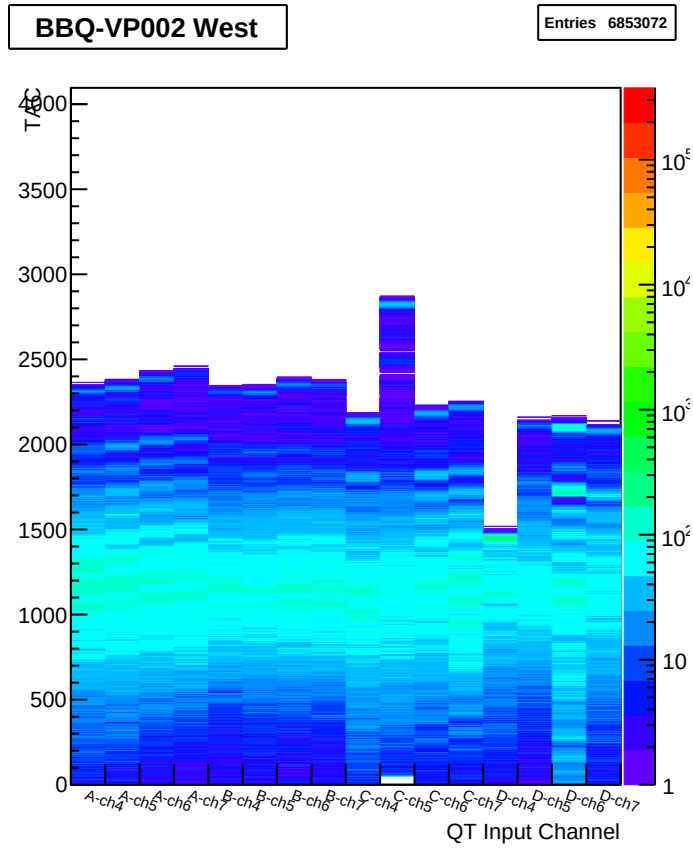

BBQ-ZD001 (ZDC TOWER)
Entries 6853072
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

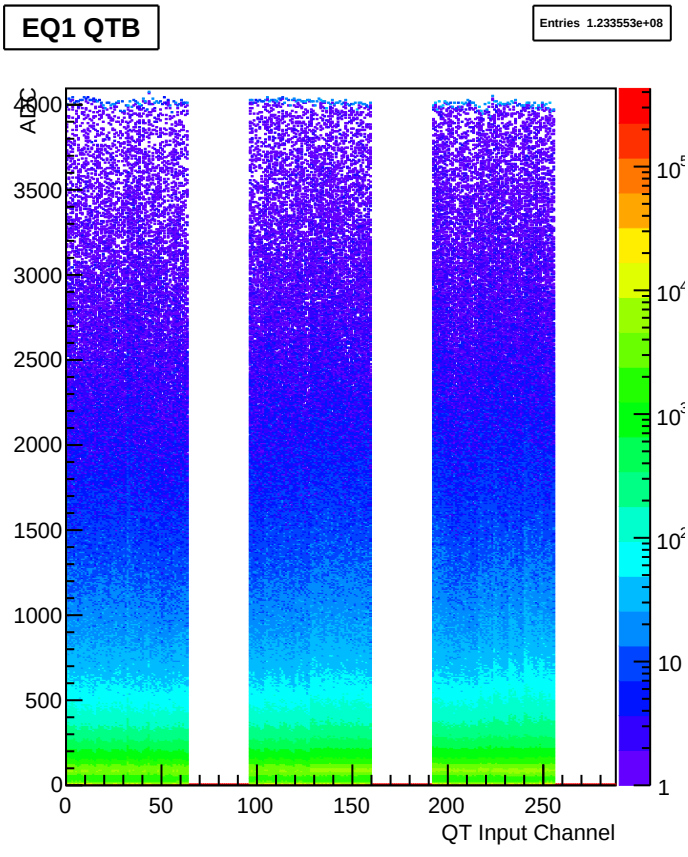

BBQ-ZD001 (ZDC TOWER)
Entries 6853072
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

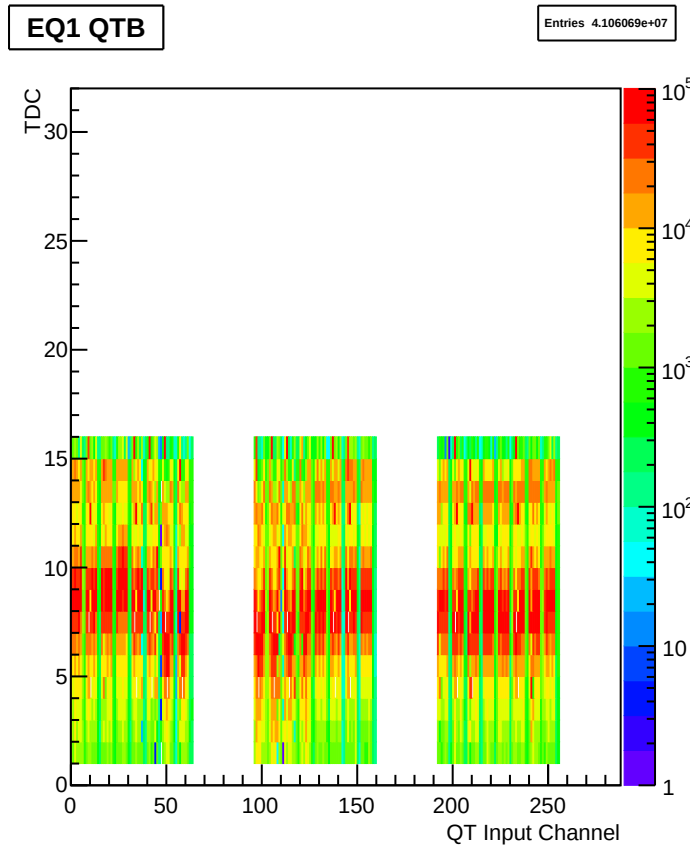

BBQ-VP001 East
Entries 6853072
ADC
QT Input Channel

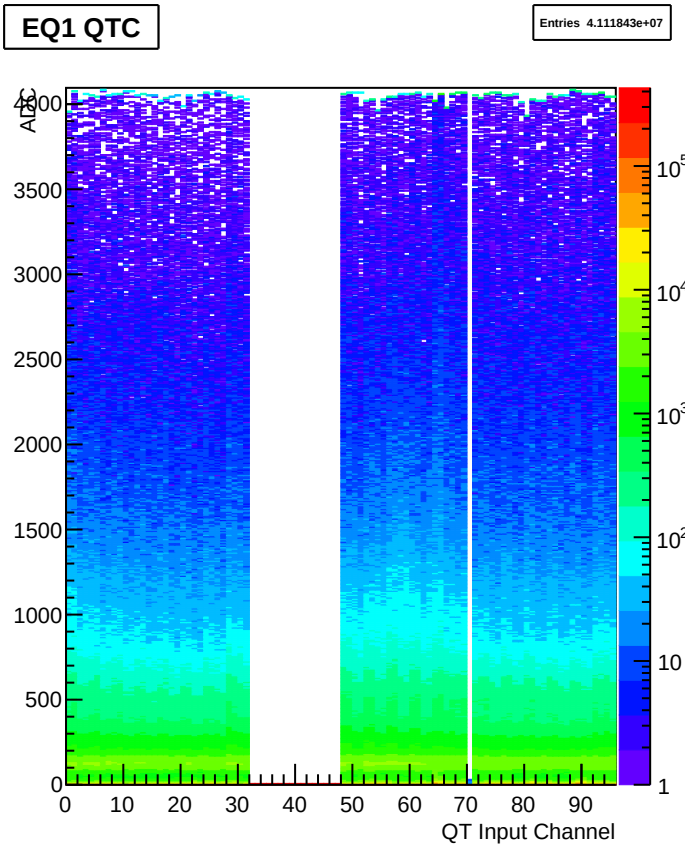

BBQ-VP001 East
Entries 6853072
ADC
QT Input Channel

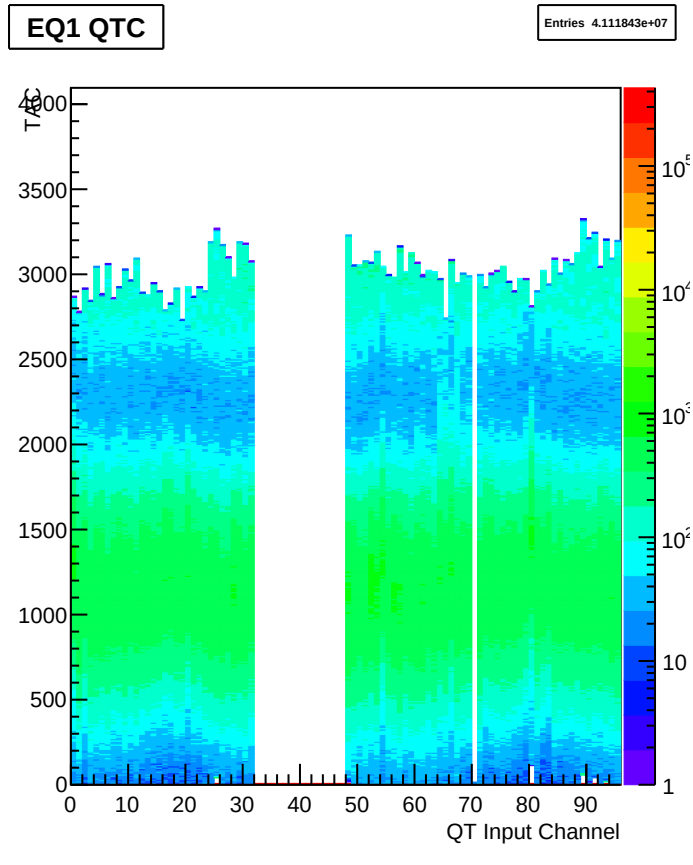

BBQ-VP002 West
Entries 6853072
ADC
QT Input Channel

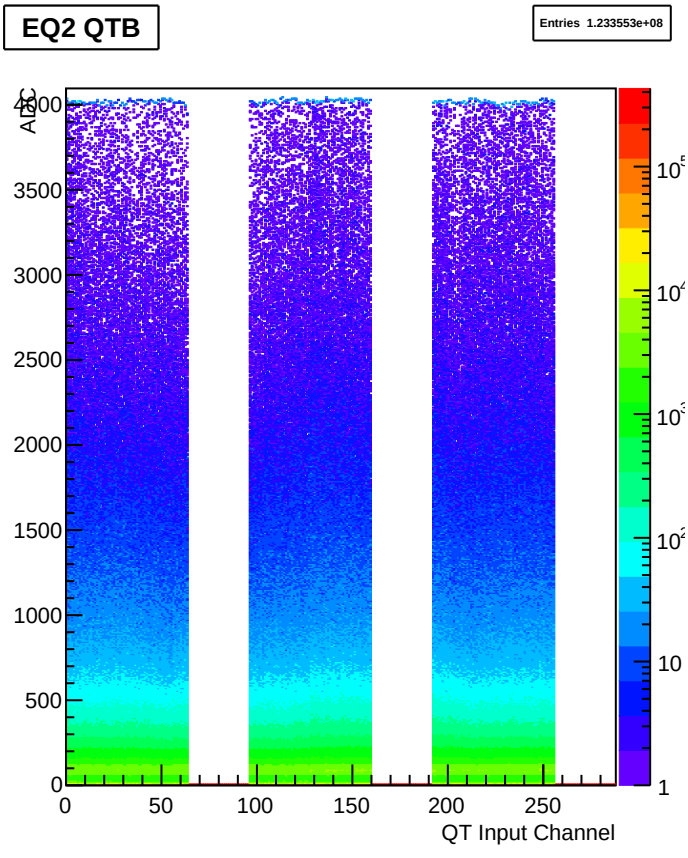

BBQ-VP002 West
Entries 6853072
ADC
QT Input Channel

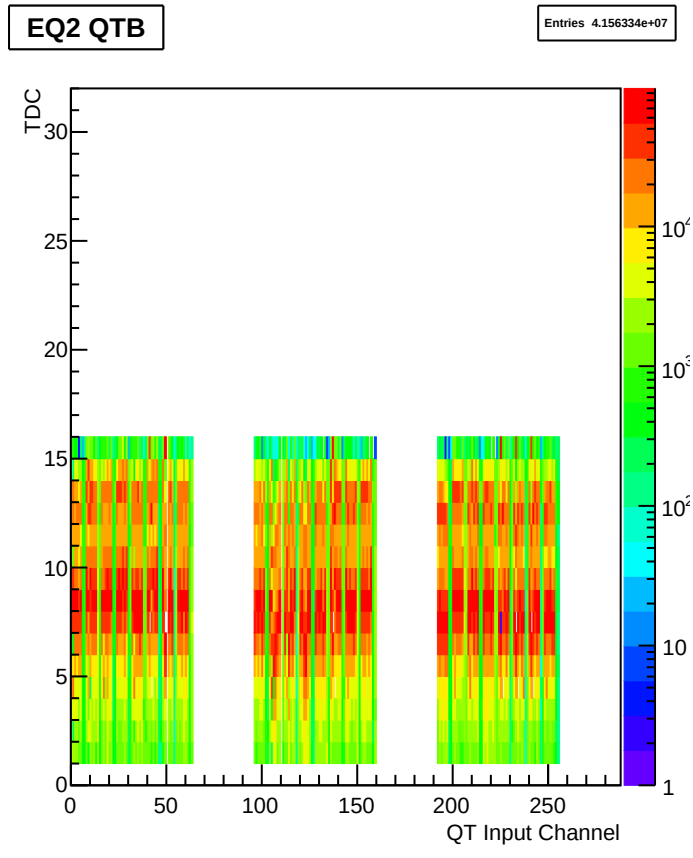

EQ1 QTB
Entries 1.233553e+08
ADC
QT Input Channel

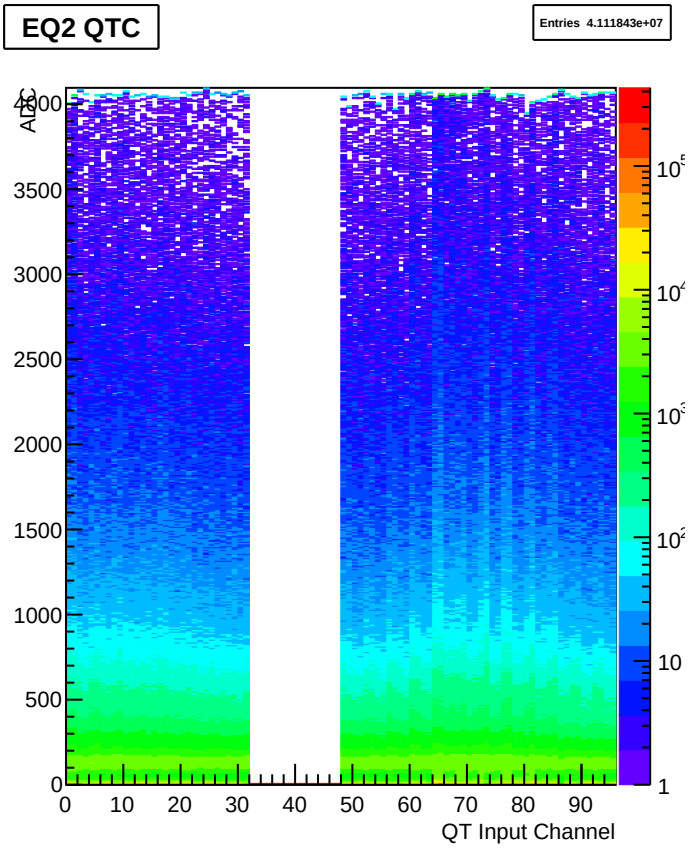

EQ1 QTB
Entries 4.106069e+07
TDC
QT Input Channel

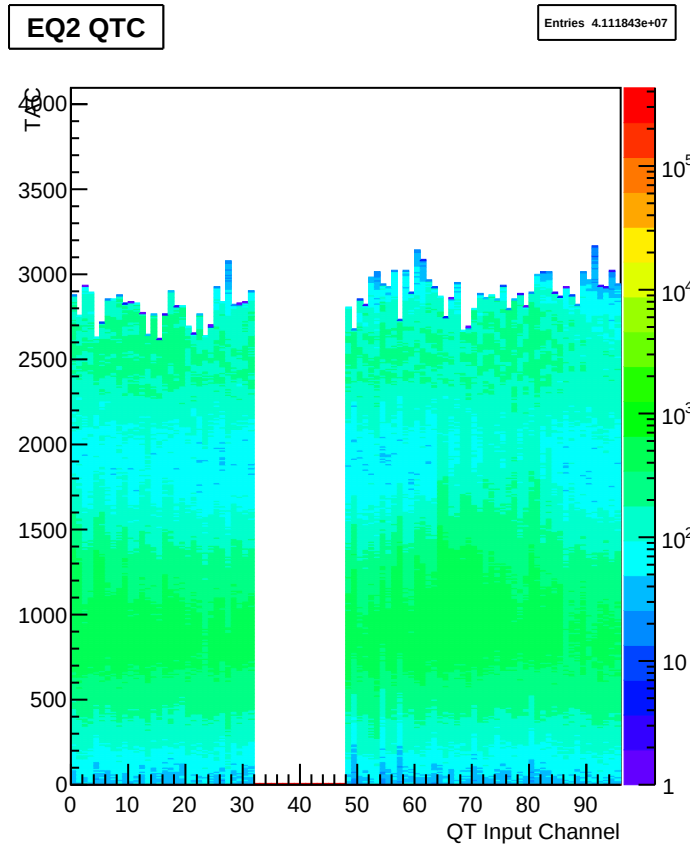

EQ1 QTC
Entries 4.111843e+07
ADC
QT Input Channel

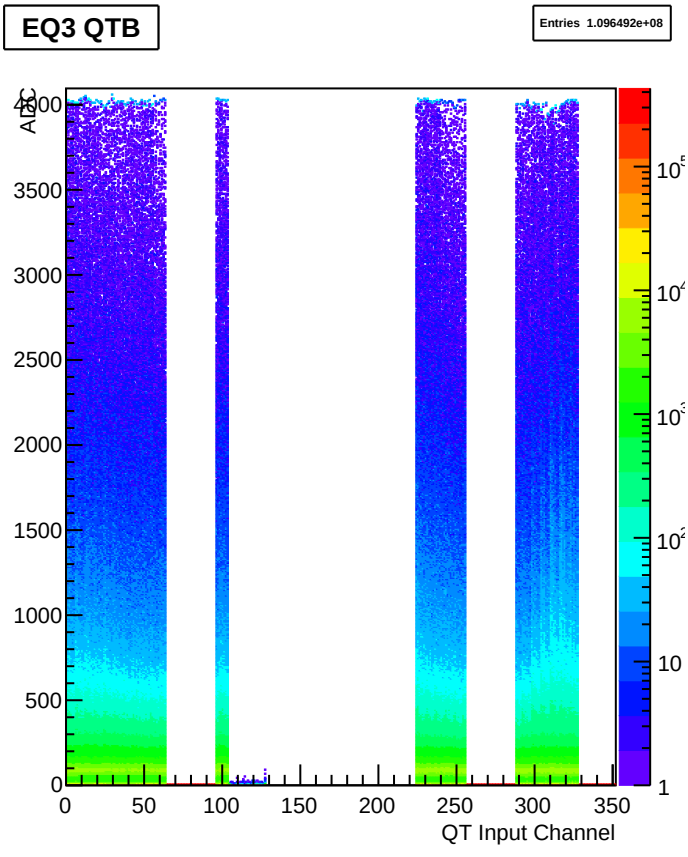

EQ1 QTC
Entries 4.111843e+07
TADC
QT Input Channel

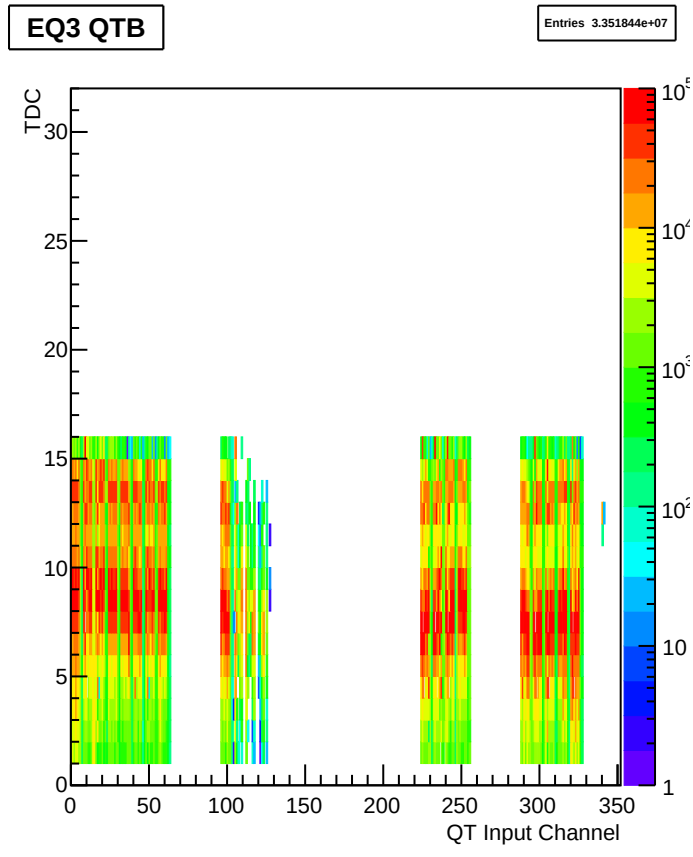

EQ2 QTB
Entries 1.233553e+08
ADC
QT Input Channel

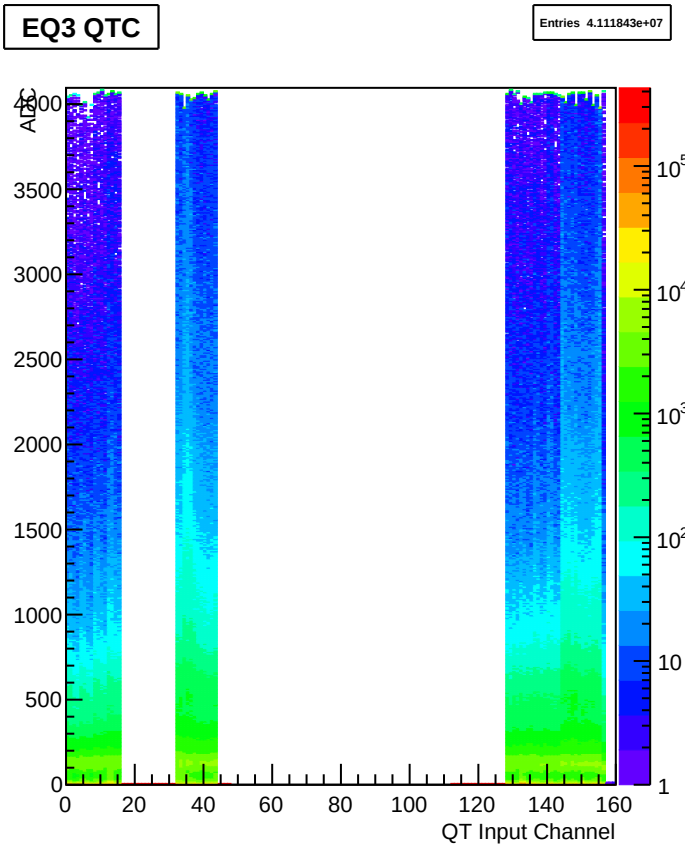

EQ2 QTB
Entries 4.156334e+07
TDC
QT Input Channel

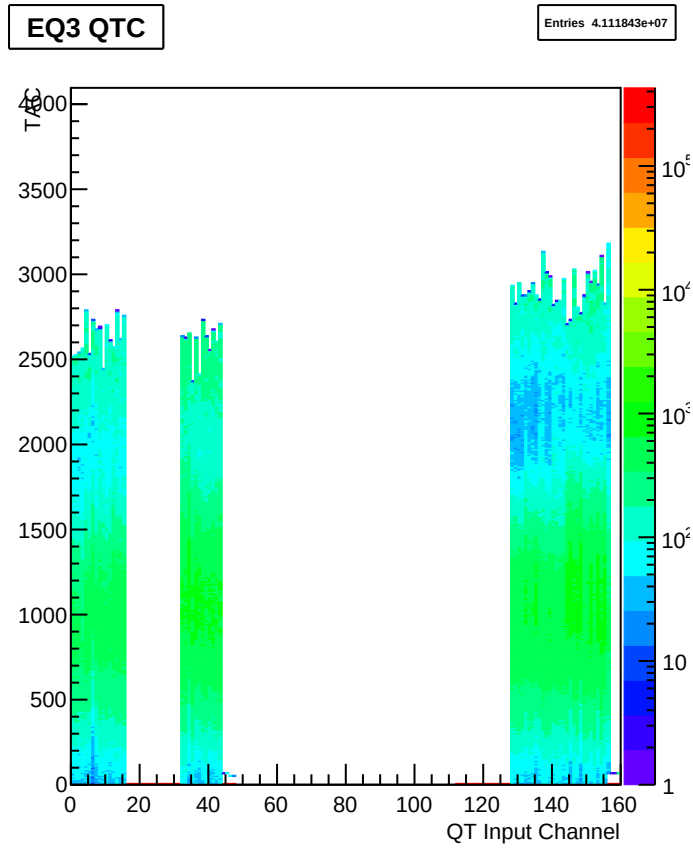

EQ2 QTC
Entries 4.111843e+07
ADC
QT Input Channel

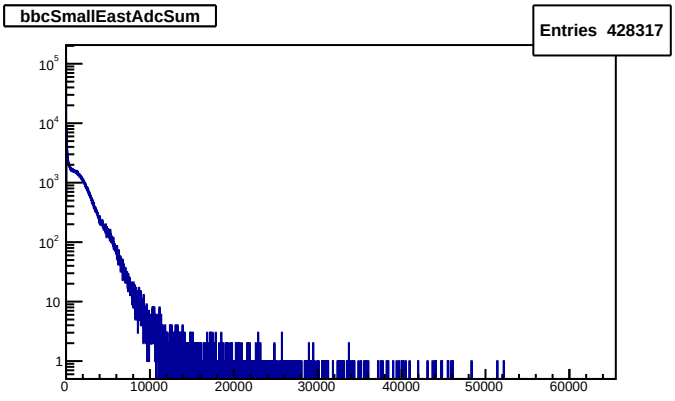

EQ2 QTC
Entries 4.111843e+07
TADC
QT Input Channel

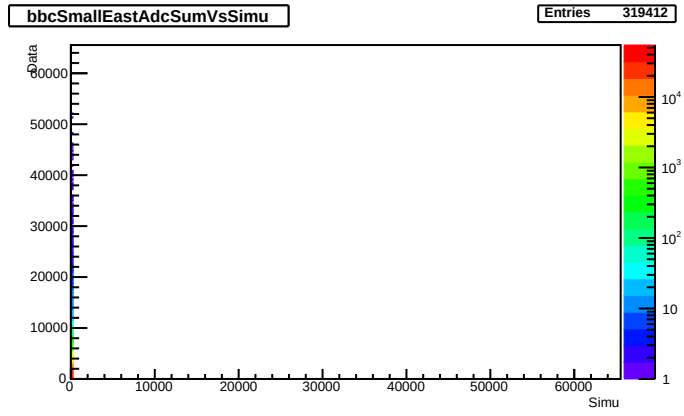

EQ3 QTB
Entries 1.096492e+08
ADC
QT Input Channel

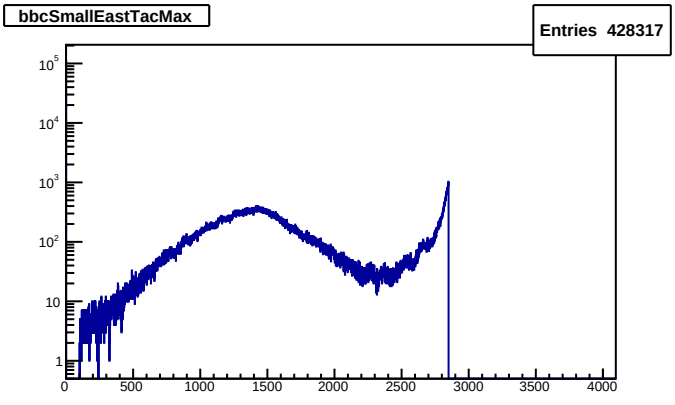

EQ3 QTB
Entries 3.351844e+07
TDC
QT Input Channel

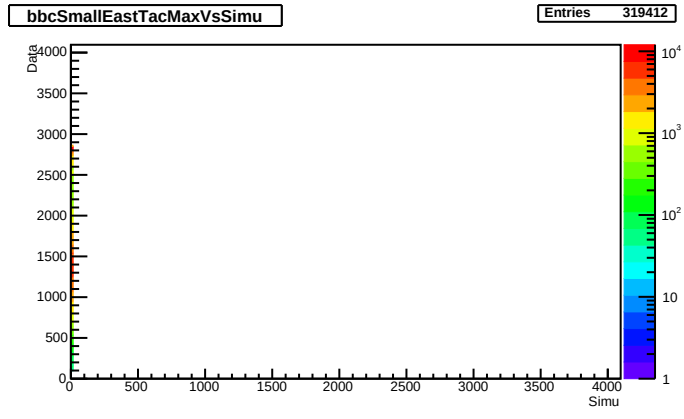

EQ3 QTC
Entries 4.111843e+07
ADC
QT Input Channel

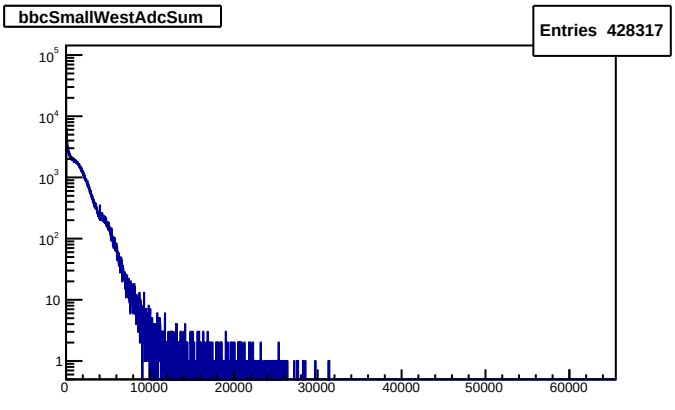

EQ3 QTC
Entries 4.111843e+07
TADC
QT Input Channel

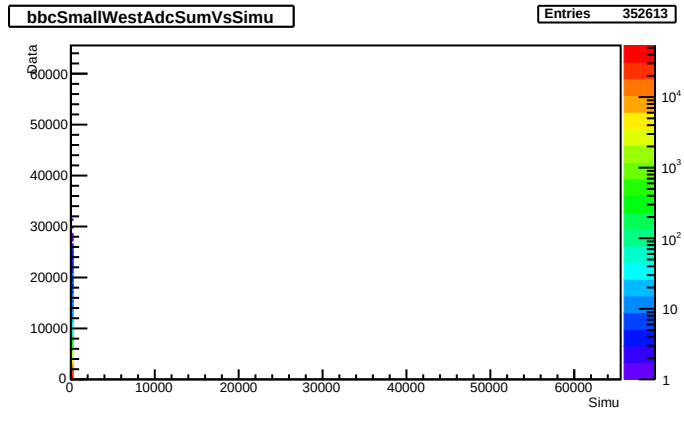

bbcSmallEastAdcSum
Entries 428317


bbcSmallEastAdcSumVsSimu
Entries 319412
Data
Simu


bbcSmallEastTacMax
Entries 428317


bbcSmallEastTacMaxVsSimu
Entries 319412
Data
Simu


bbcSmallWestAdcSum
Entries 428317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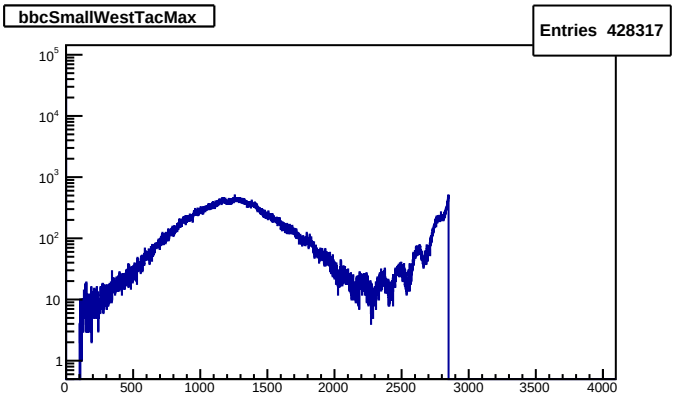
Entries 352613
Data
Simu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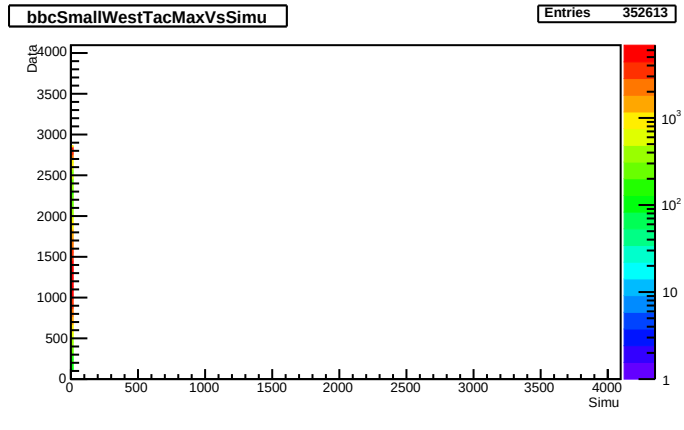
Entries 428317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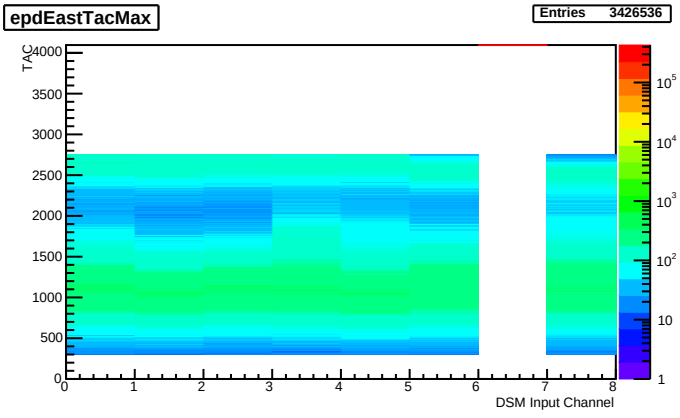
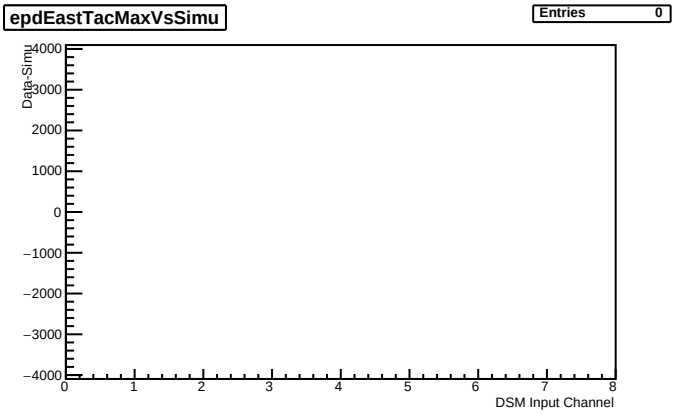
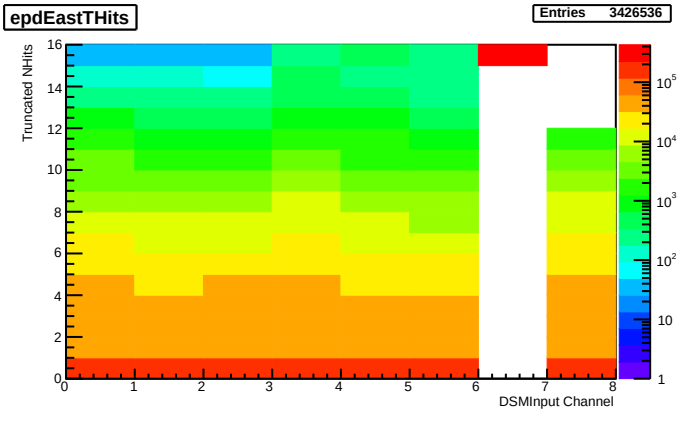
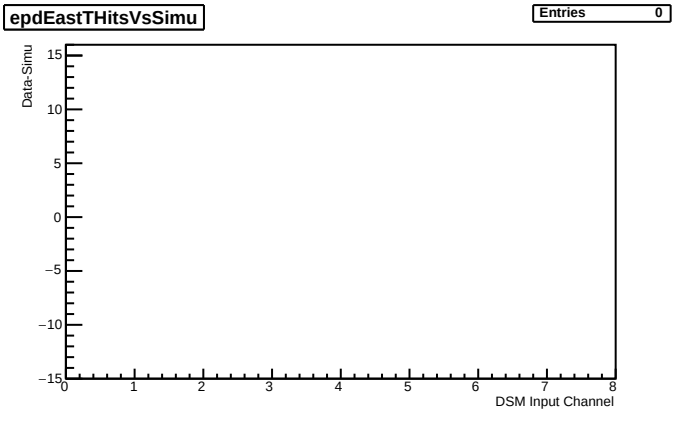
Entries 352613
Data
Simu


epdEastTacMax
Entries 3426536
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3426536
Truncated NHits
DSMInput Channel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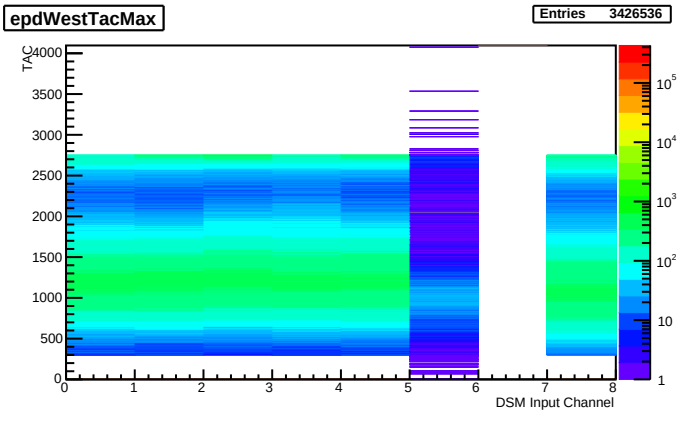
Entries 0
Data-Simu
DSM Input Channel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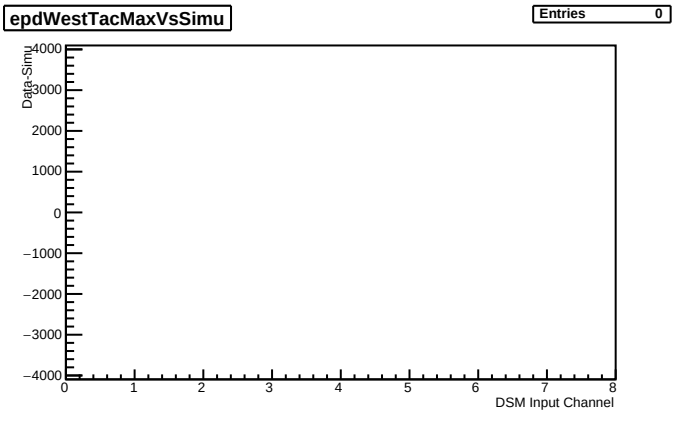
Entries 3426536
TAC
DSM Input Channel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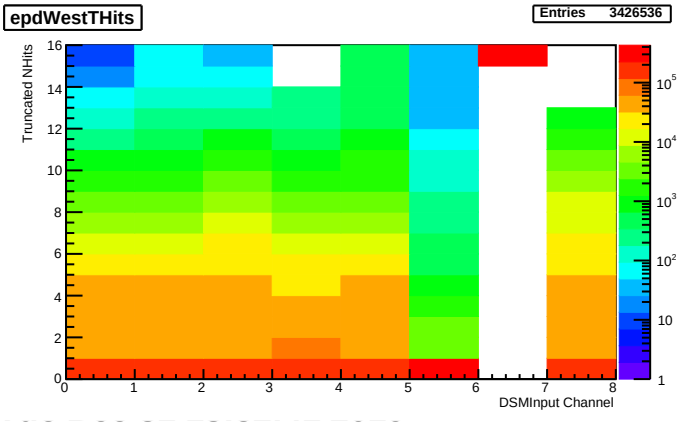
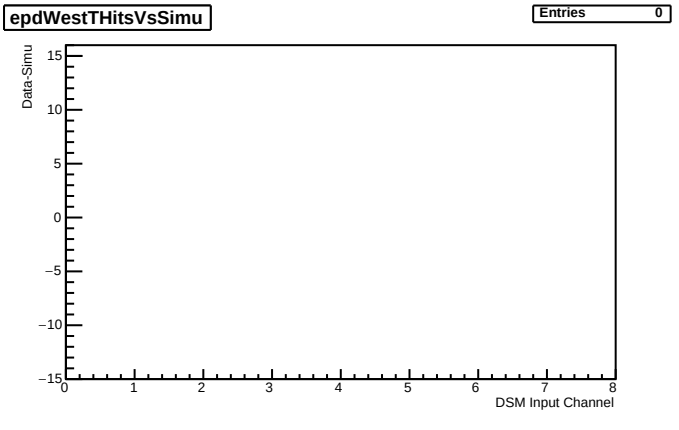
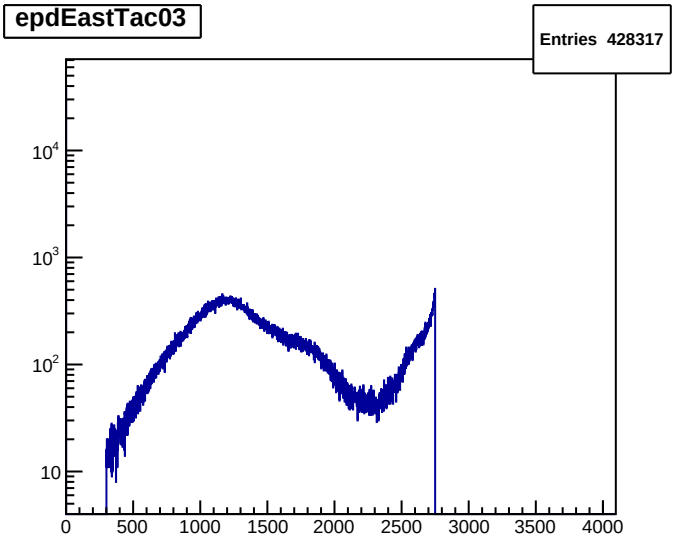
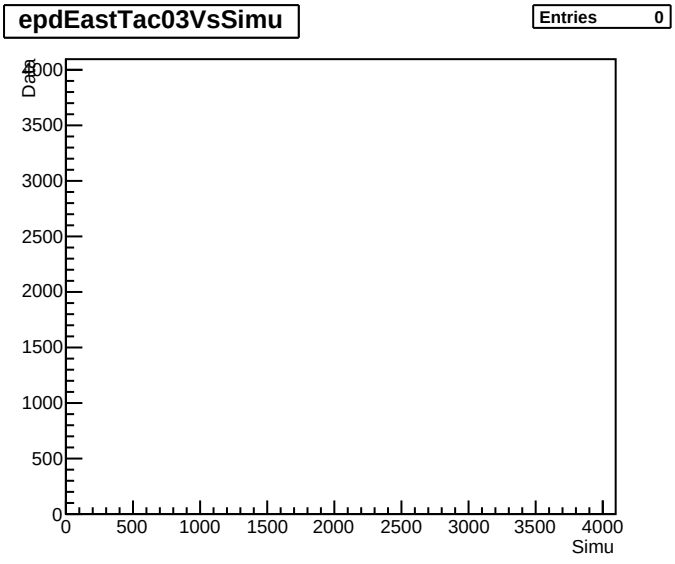
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3426536
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 428317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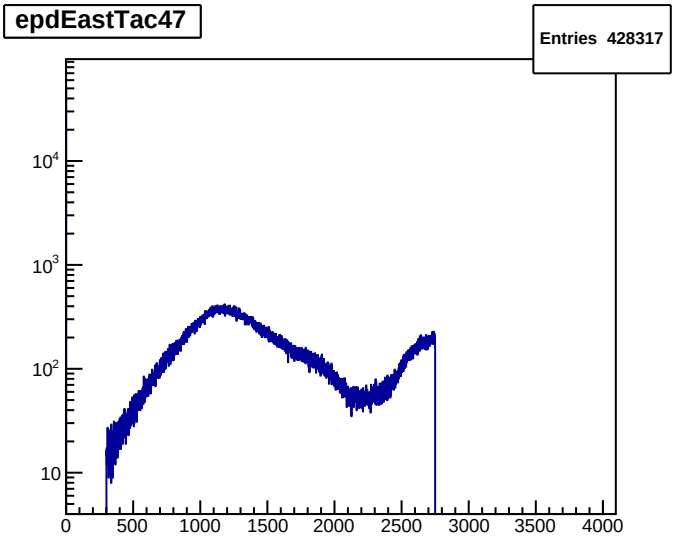
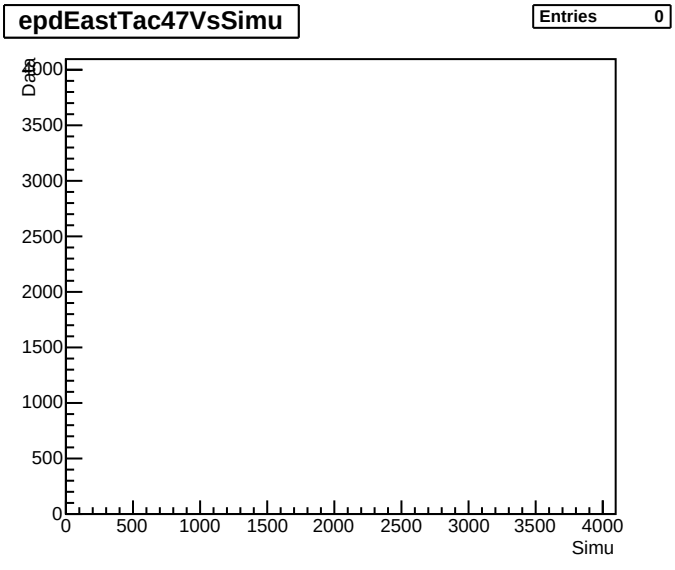
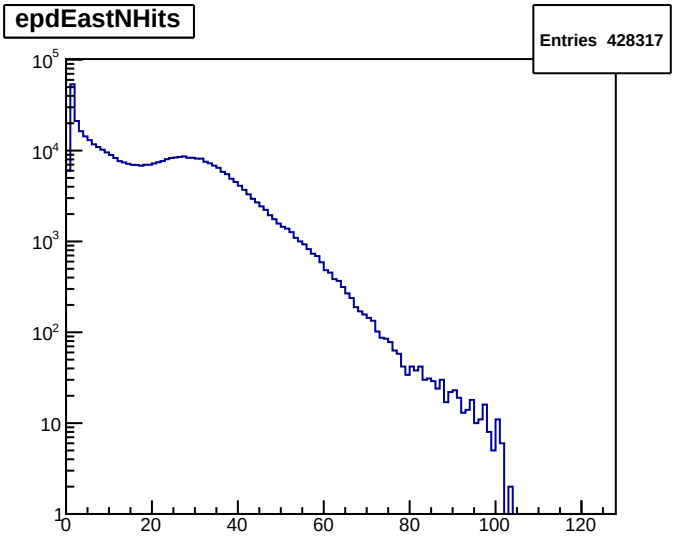
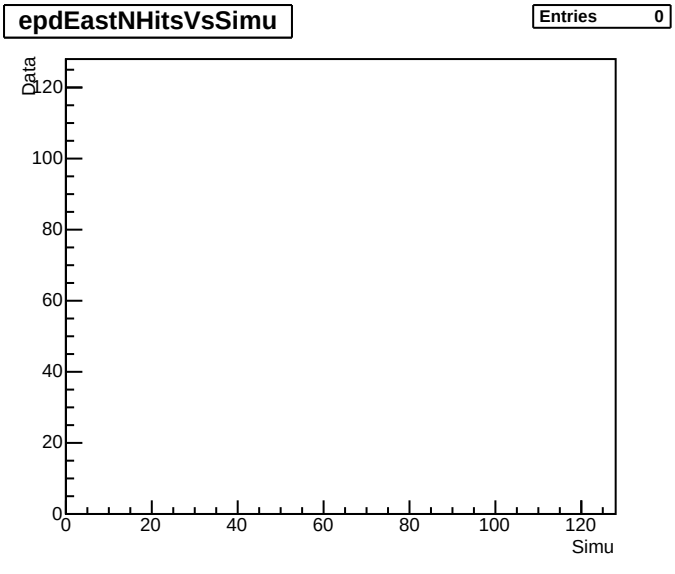
Entries 0
Data
Simu


epdEastTac47
Entries 428317


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 428317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Entries 0
Data
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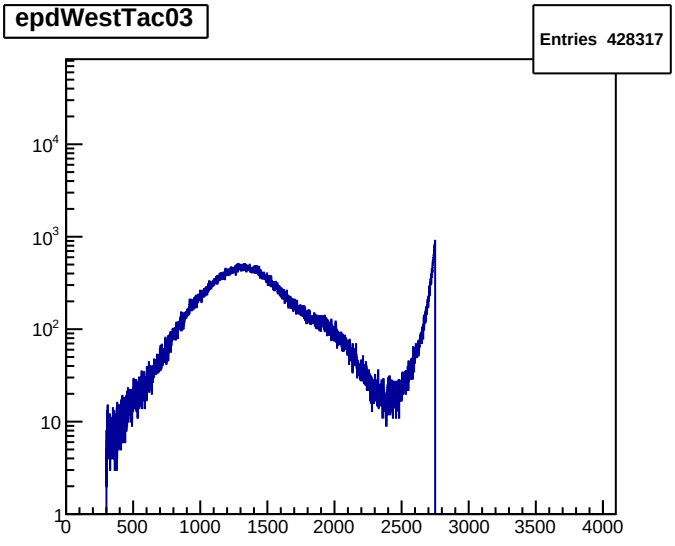
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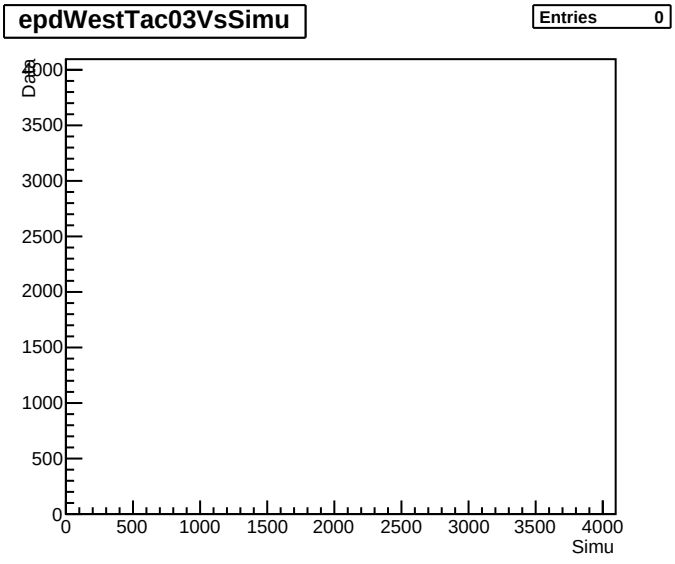
Entries 428317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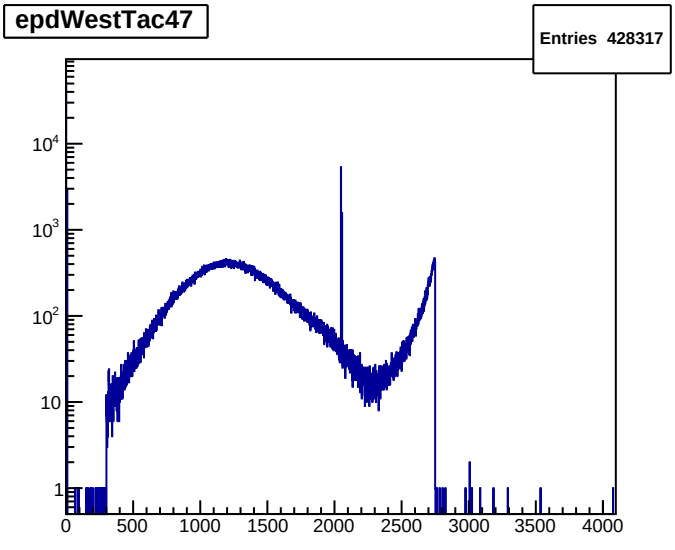
Entries 0
Data
Simu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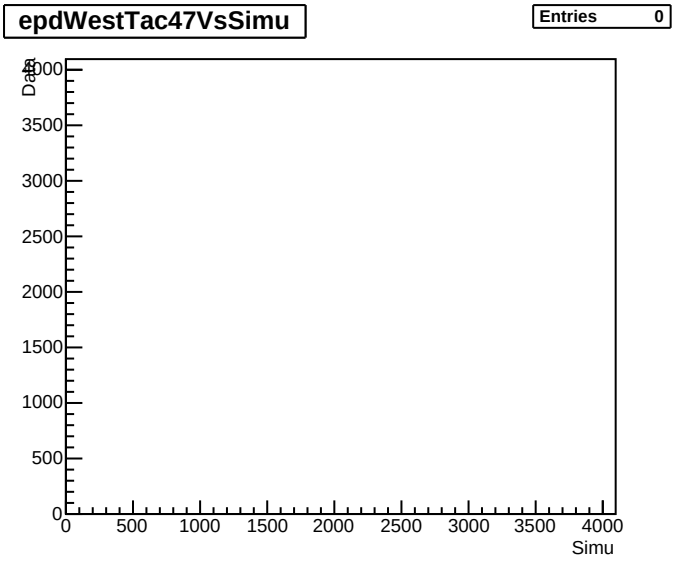
Entries 428317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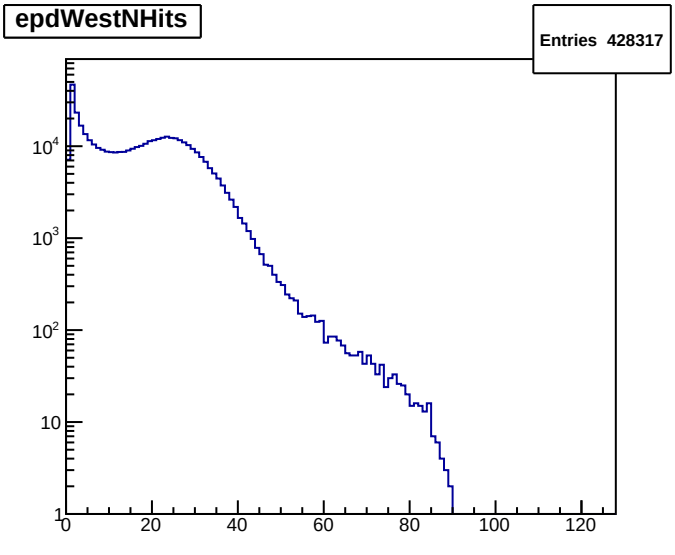
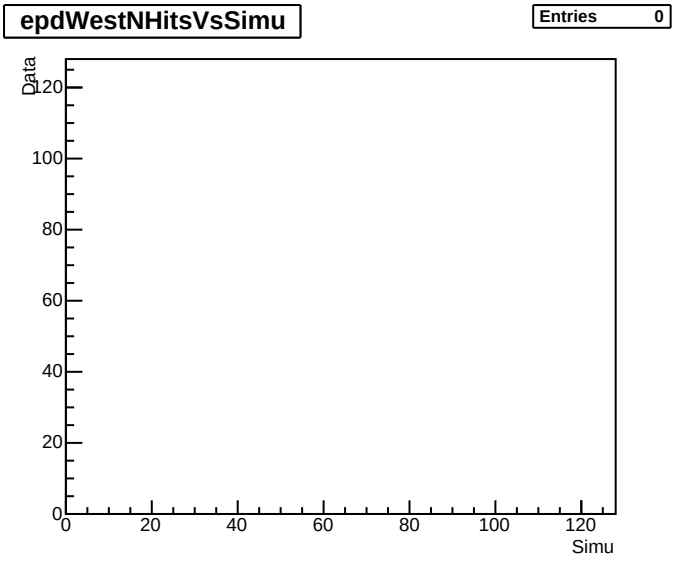
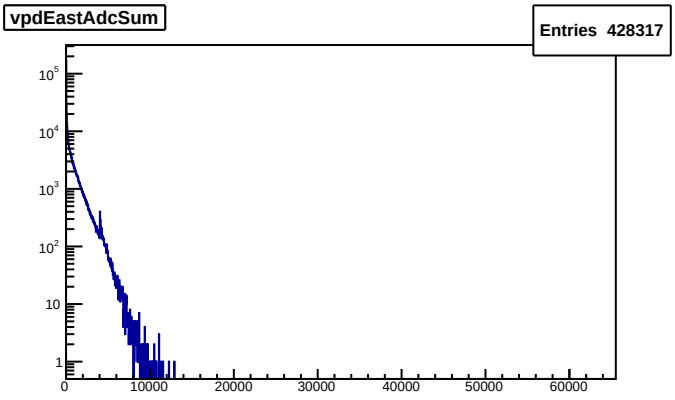
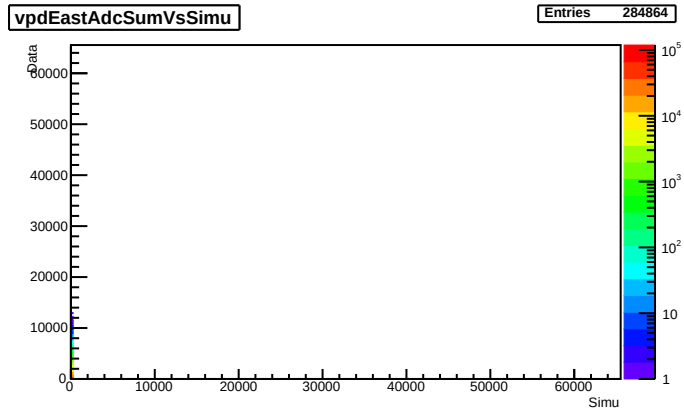
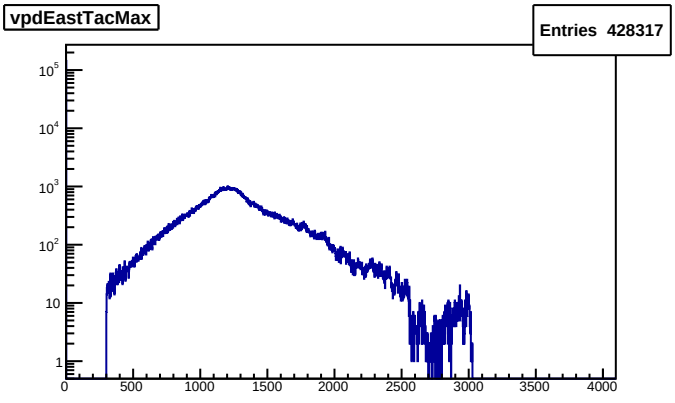
Entries 0
Data
Simu

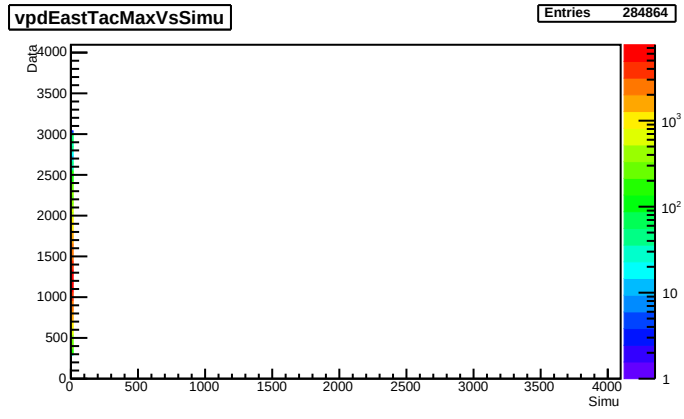

epdWestNHits
Entries 428317

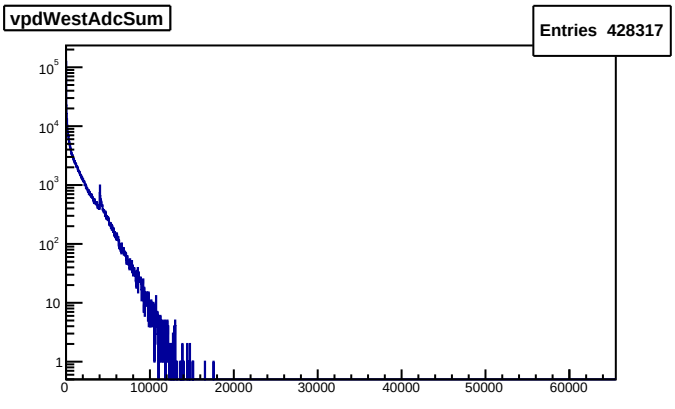

epdWestNHitsVsSimu
Entries 0
Data
Simu

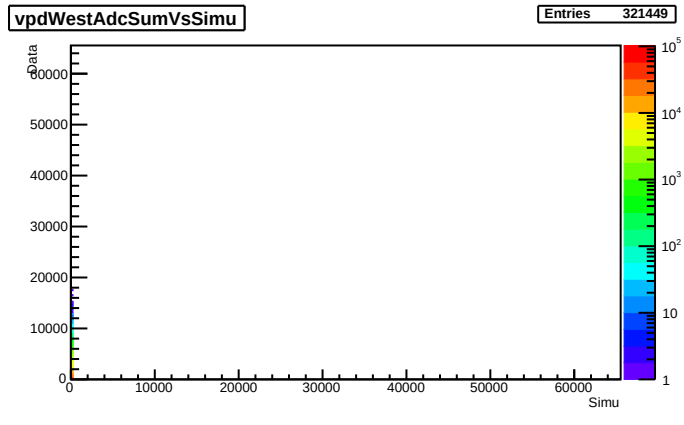

vpdEastAdcSum
Entries 428317

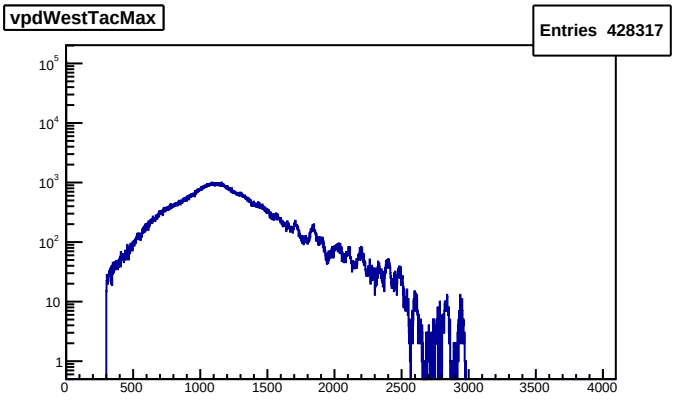

vpdEastAdcSumVsSimu
Entries 284864
Data
Simu

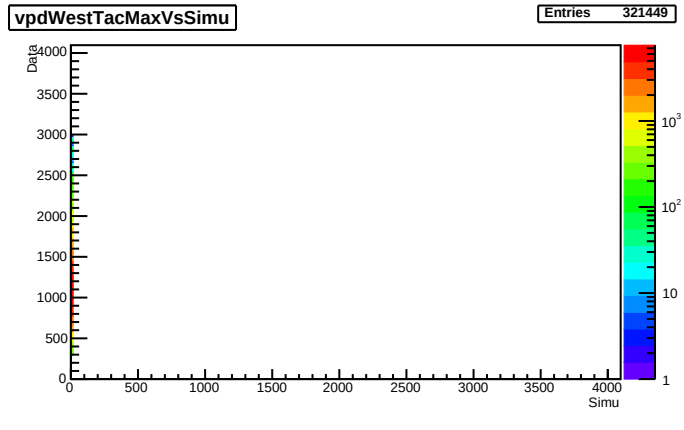

vpdEastTacMax
Entries 428317

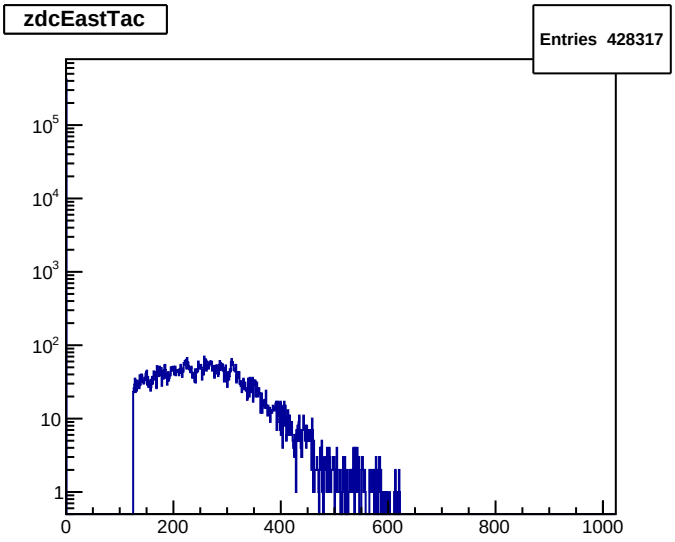

vpdEastTacMaxVsSimu
Entries 284864
Data
Simu

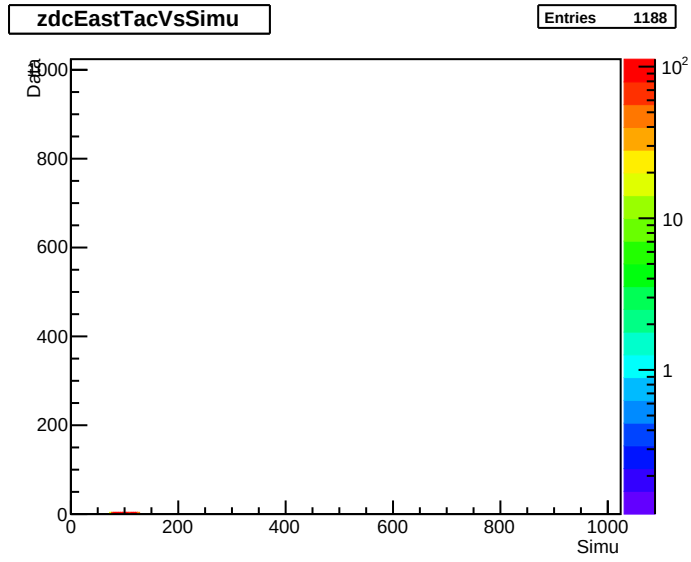

vpdWestAdcSum
Entries 428317

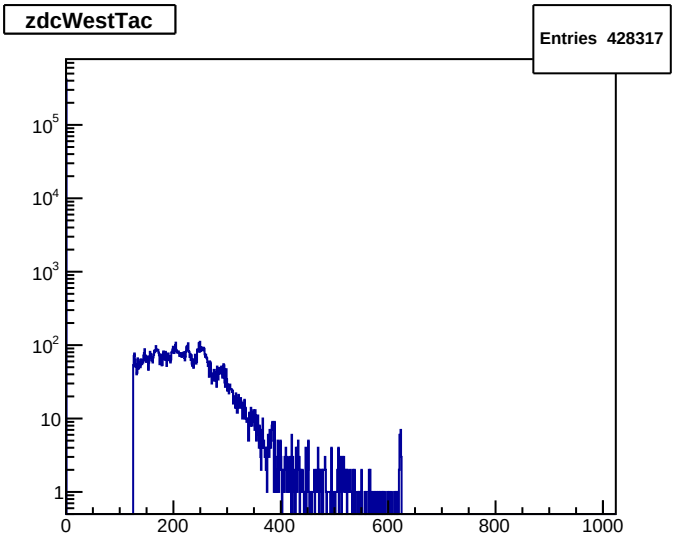

vpdWestAdcSumVsSimu
Entries 321449
Data
Simu

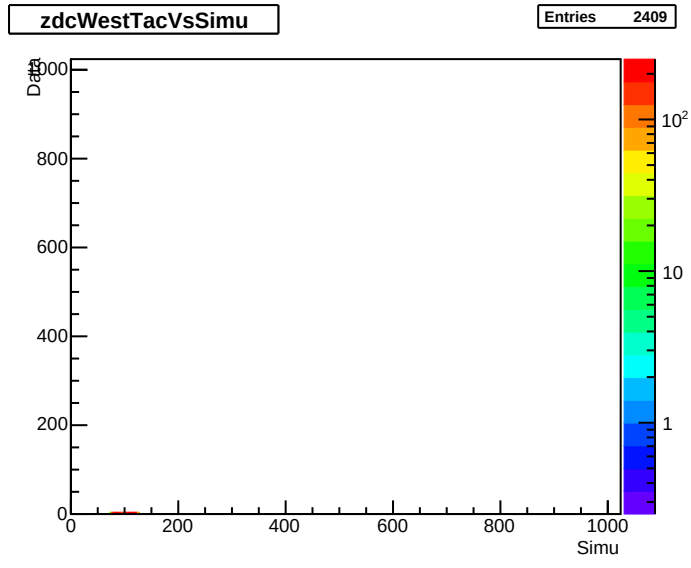

vpdWestTacMax
Entries 428317

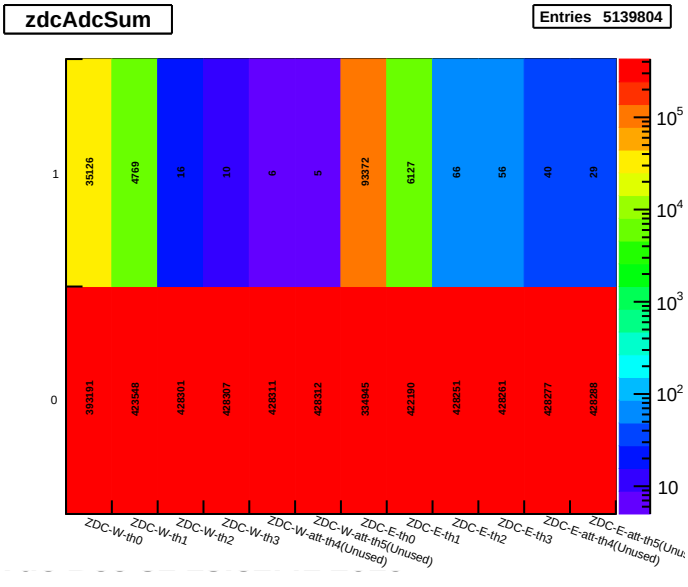

vpdWestTacMaxVsSimu
Entries 321449
Data
Simu

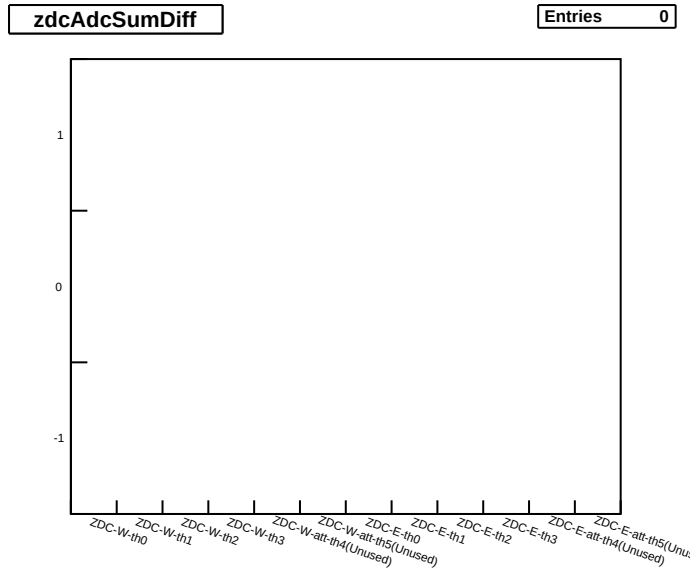

zdcEastTac
Entries 428317

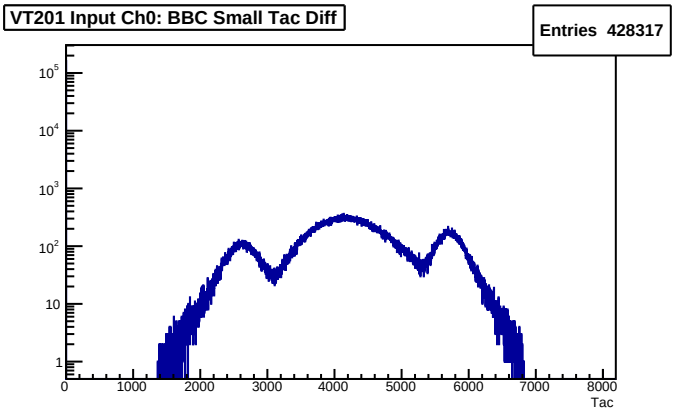

zdcEastTacVsSimu
Entries 1188
Data
Simu

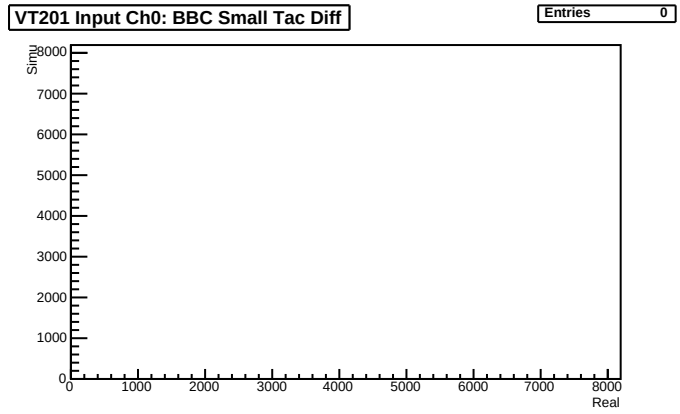

zdcWestTac
Entries 428317

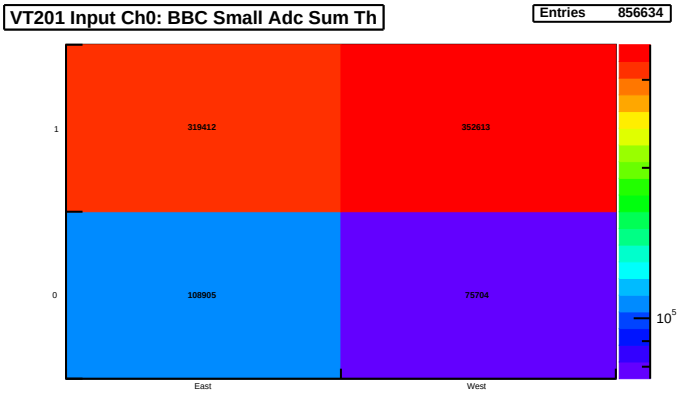

zdcWestTacVsSimu
Entries 2409
Data
Simu

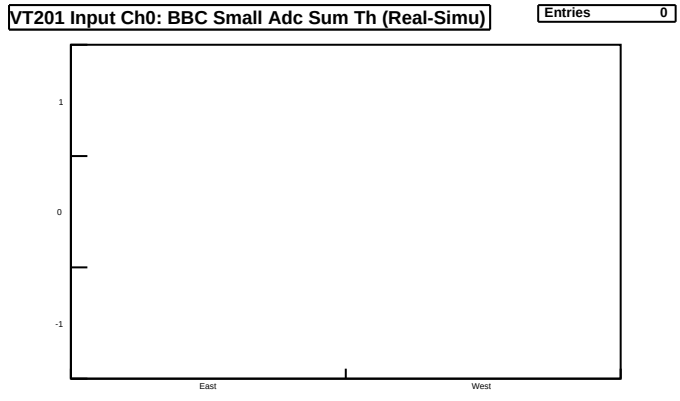

zdcAdcSum
Entries 5139804
35126
4769
16
10
6
5
93372
6127
66
56
40
29
393191
423548
428301
428307
428311
428312
334945
422190
428251
428261
428277
428288
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

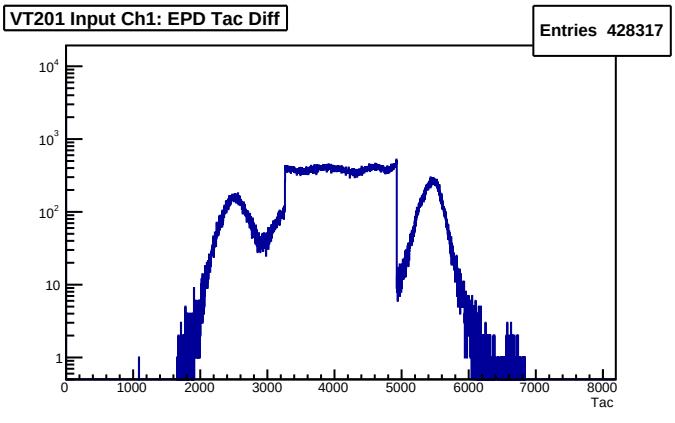

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

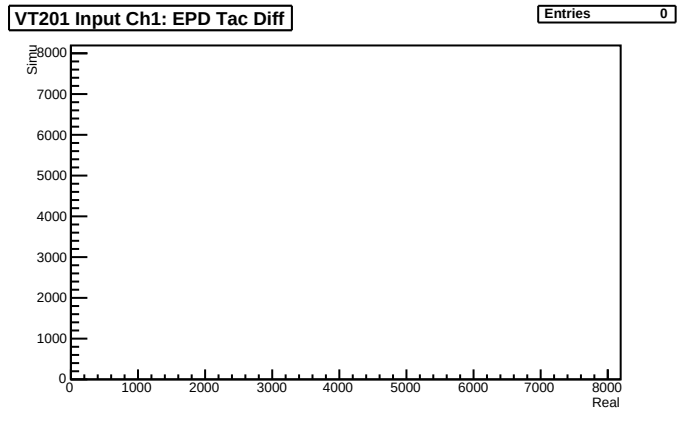

VT201 Input Ch0: BBC Small Tac Diff
Entries 428317
Tac

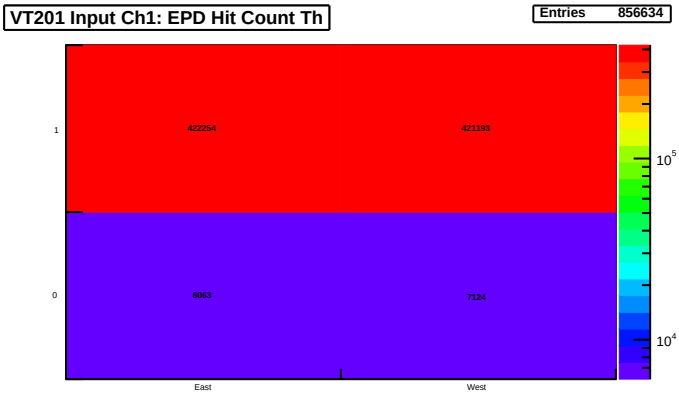

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

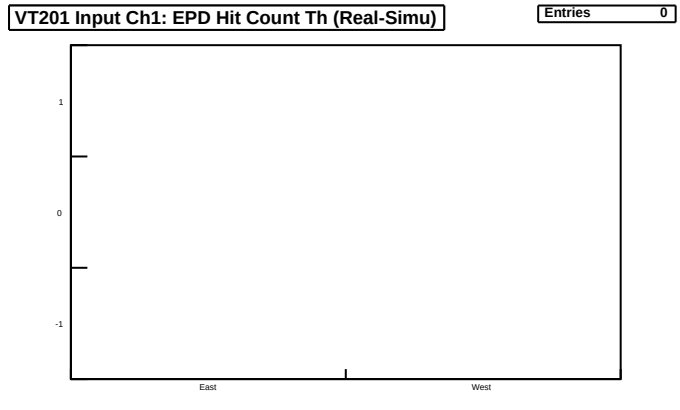

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 856634
319412
352613
108905
75704
East
West

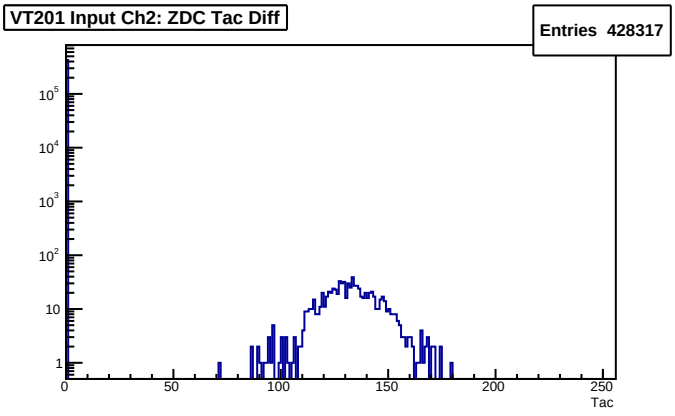

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

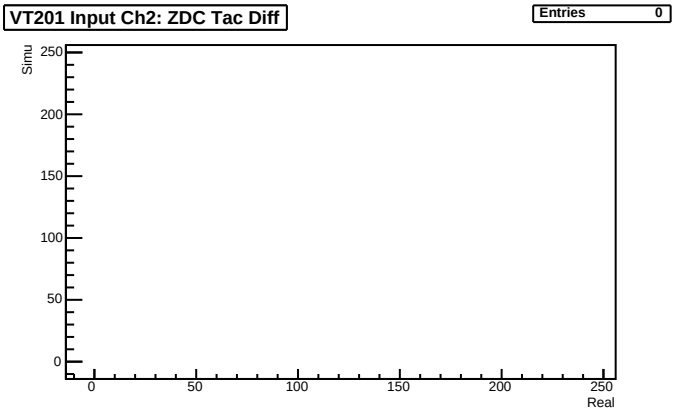

VT201 Input Ch1: EPD Tac Diff
Entries 428317
Tac

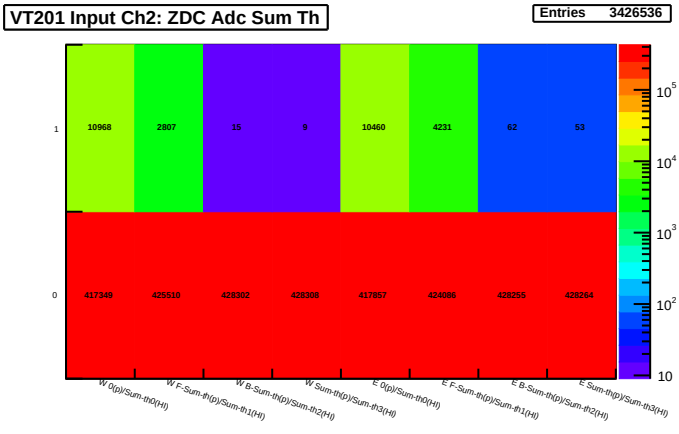

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

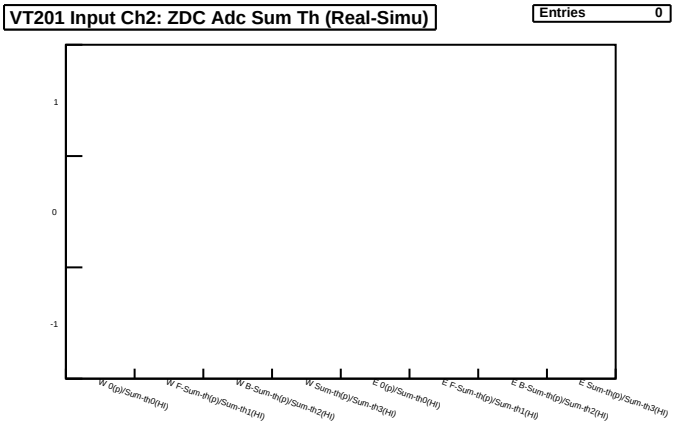

VT201 Input Ch1: EPD Hit Count Th
Entries 856634
422254
421193
6063
7124
East
West

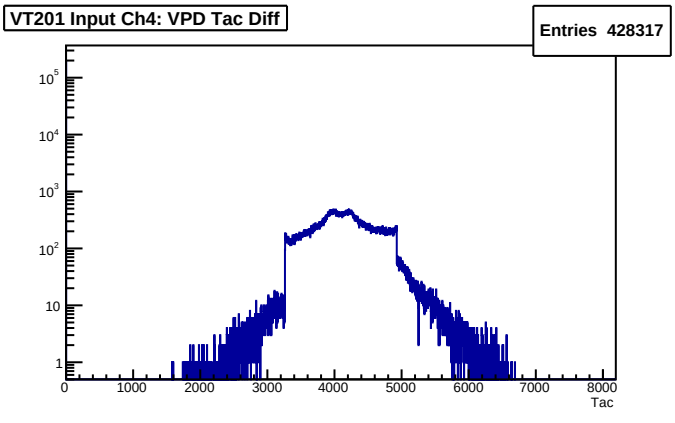

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

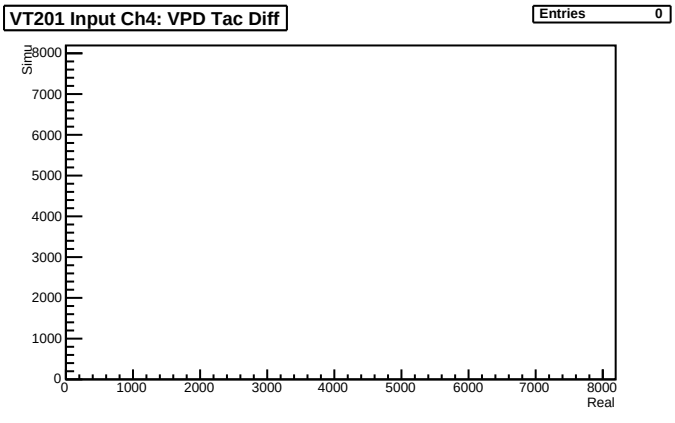

VT201 Input Ch2: ZDC Tac Diff
Entries 428317
Tac

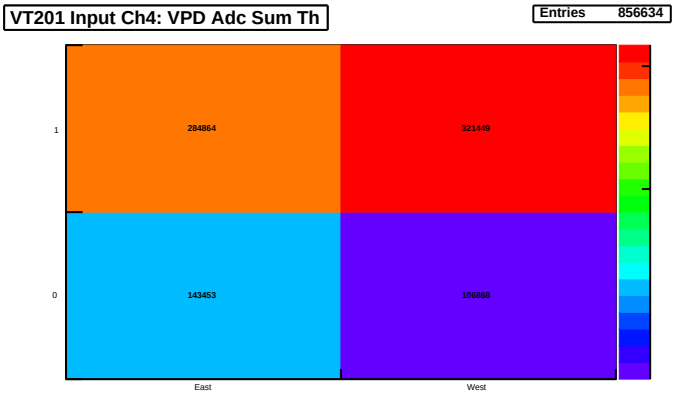

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

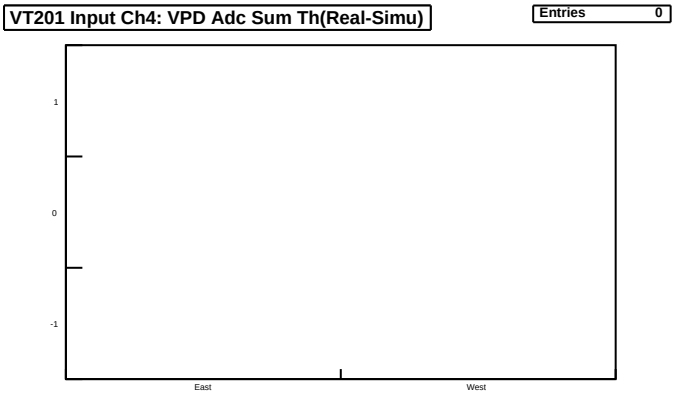

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3426536
10968
2807
15
9
10460
4231
62
53
417349
425510
428302
428308
417857
424086
428255
428264
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

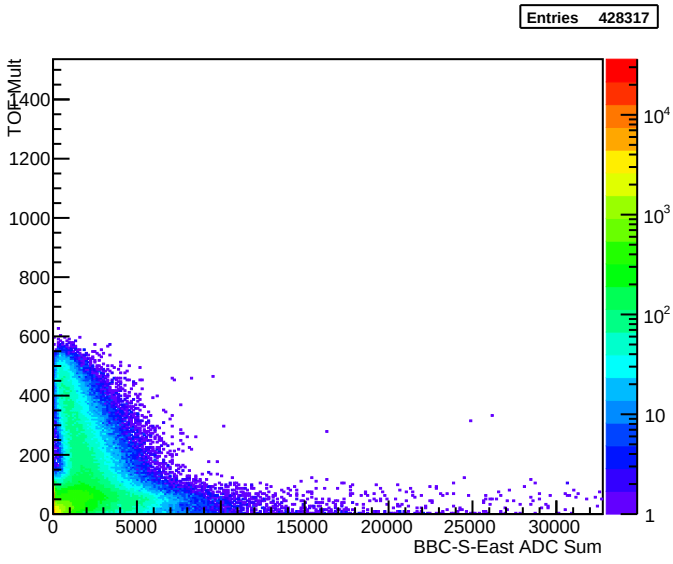

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

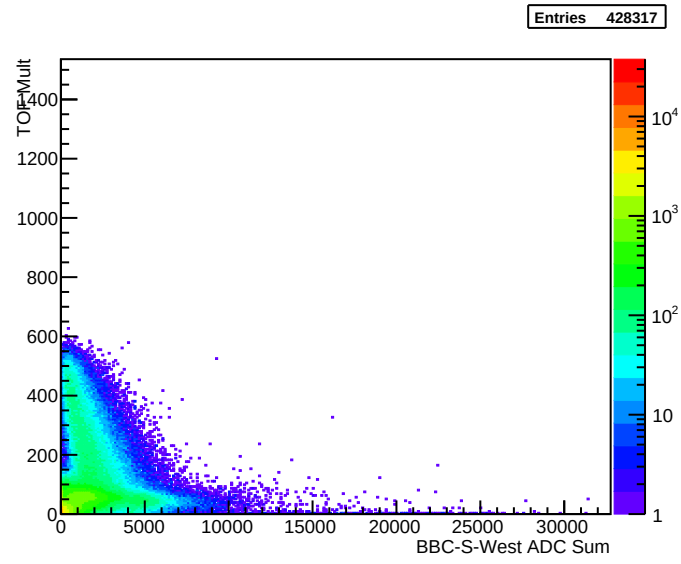

VT201 Input Ch4: VPD Tac Diff
Entries 428317
Tac

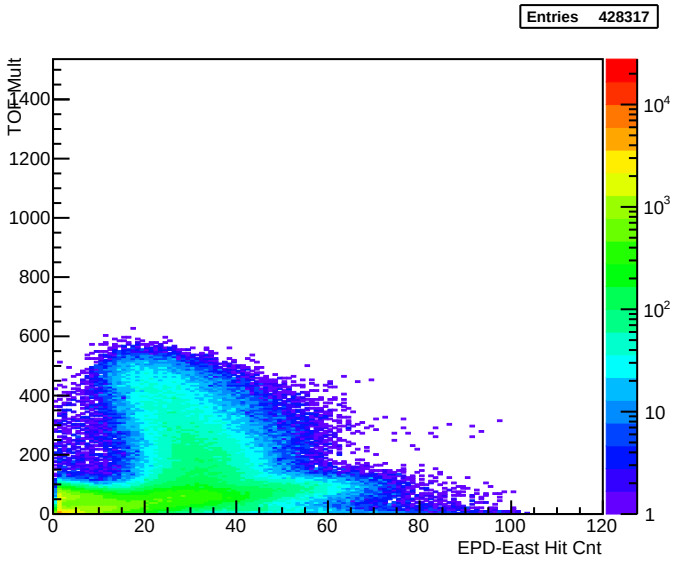

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

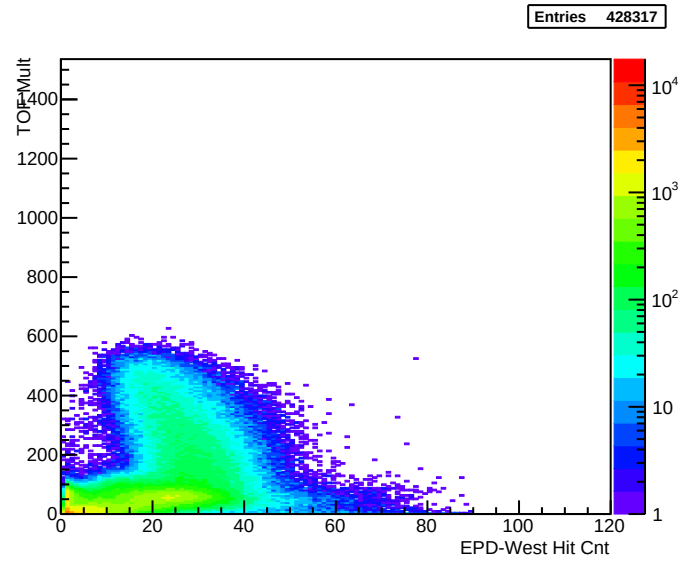

VT201 Input Ch4: VPD Adc Sum Th
Entries 856634
284864
321449
143453
106868
East
West

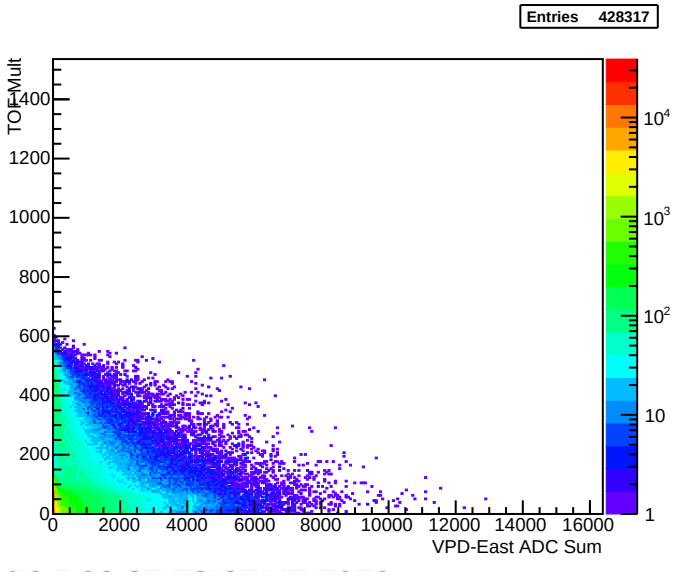

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

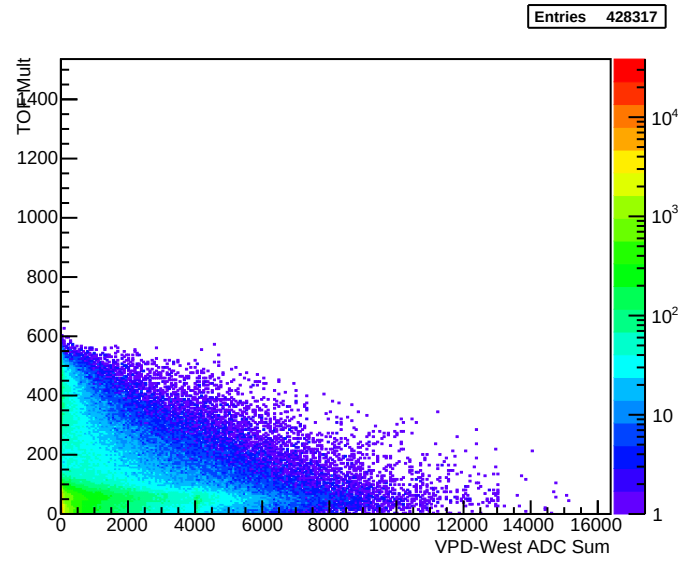

Entries 428317
TOF-Mult
BBC-S-East ADC Sum

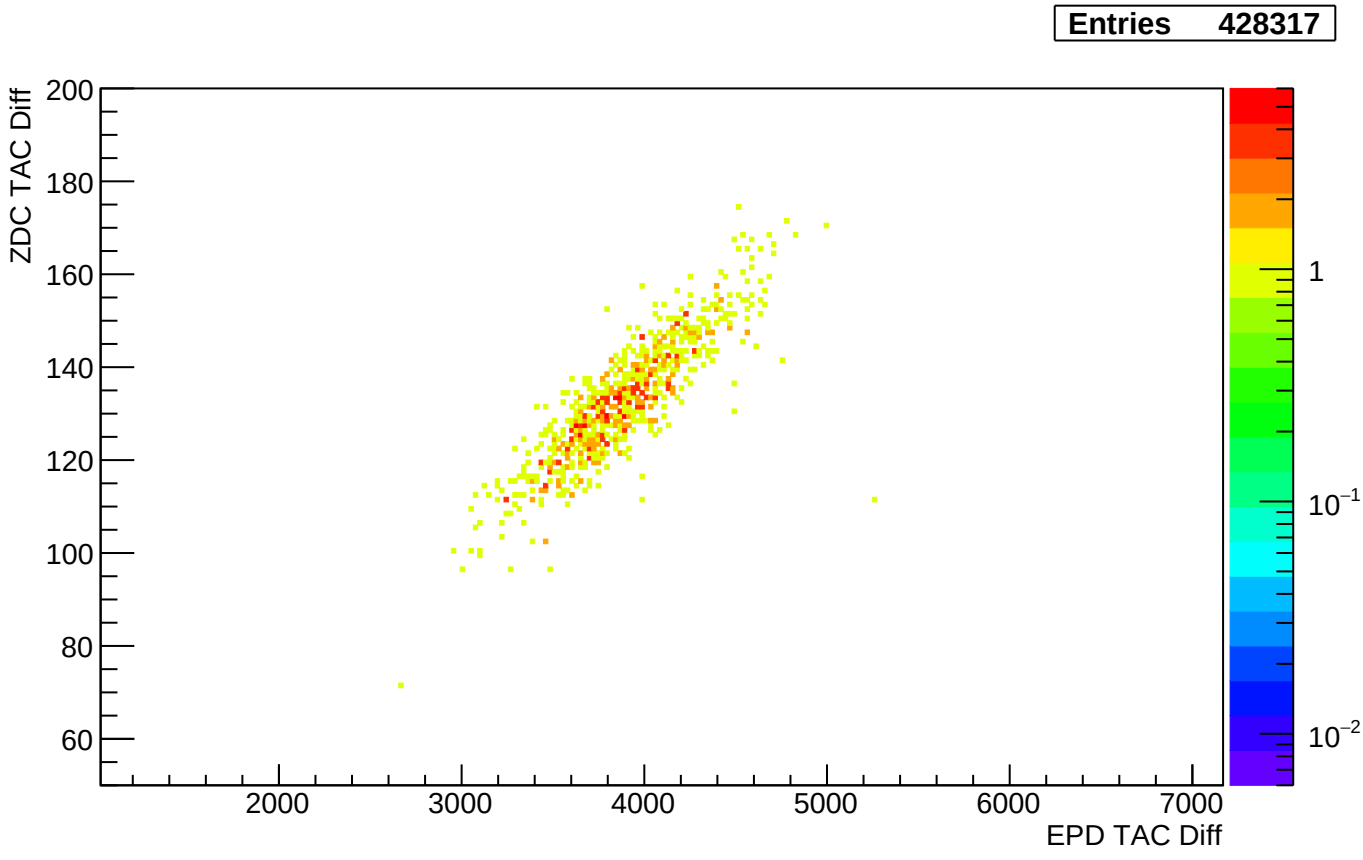

Entries 428317
TOF-Mult
BBC-S-West ADC Sum

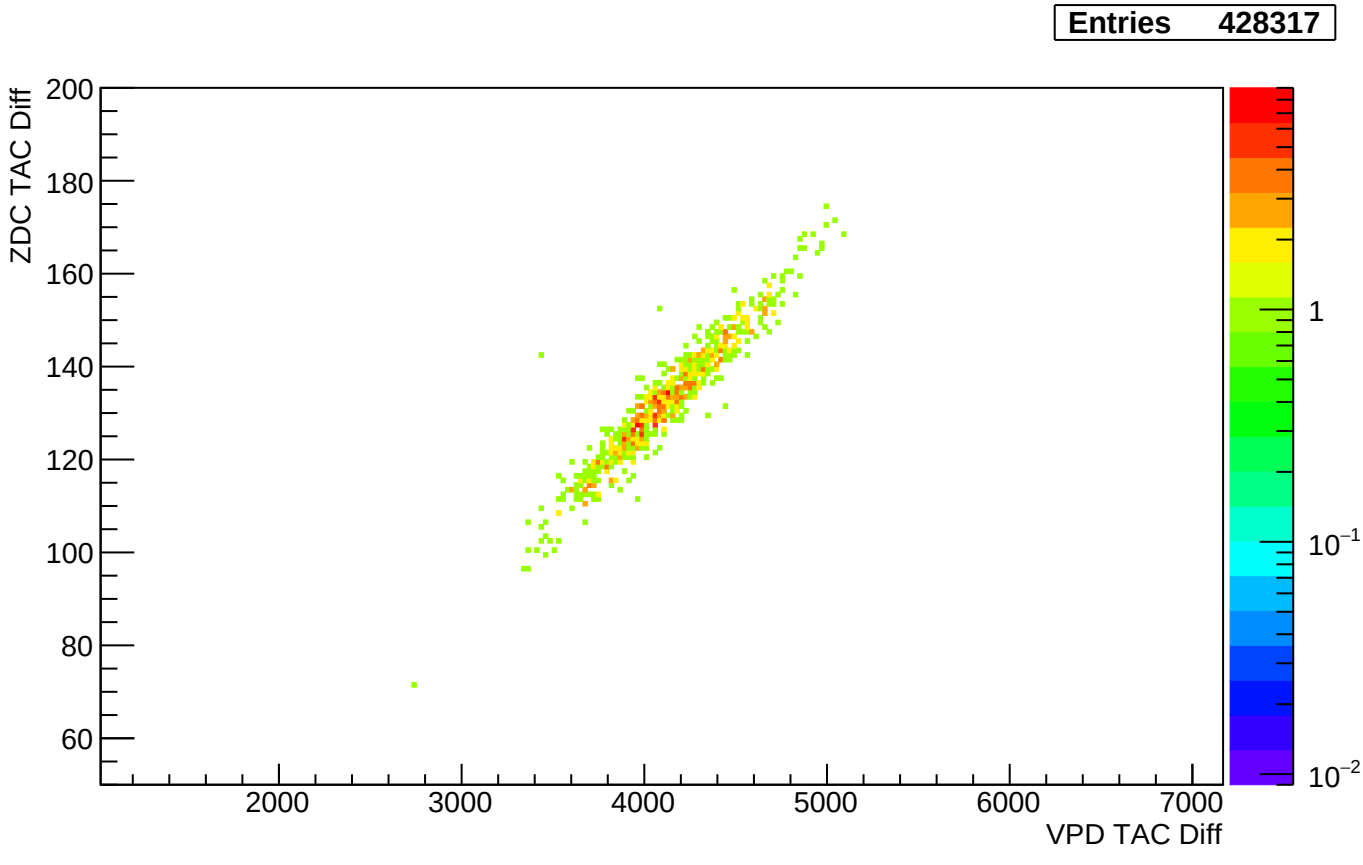

Entries 428317
TOF-Mult
EPD-East Hit Cnt

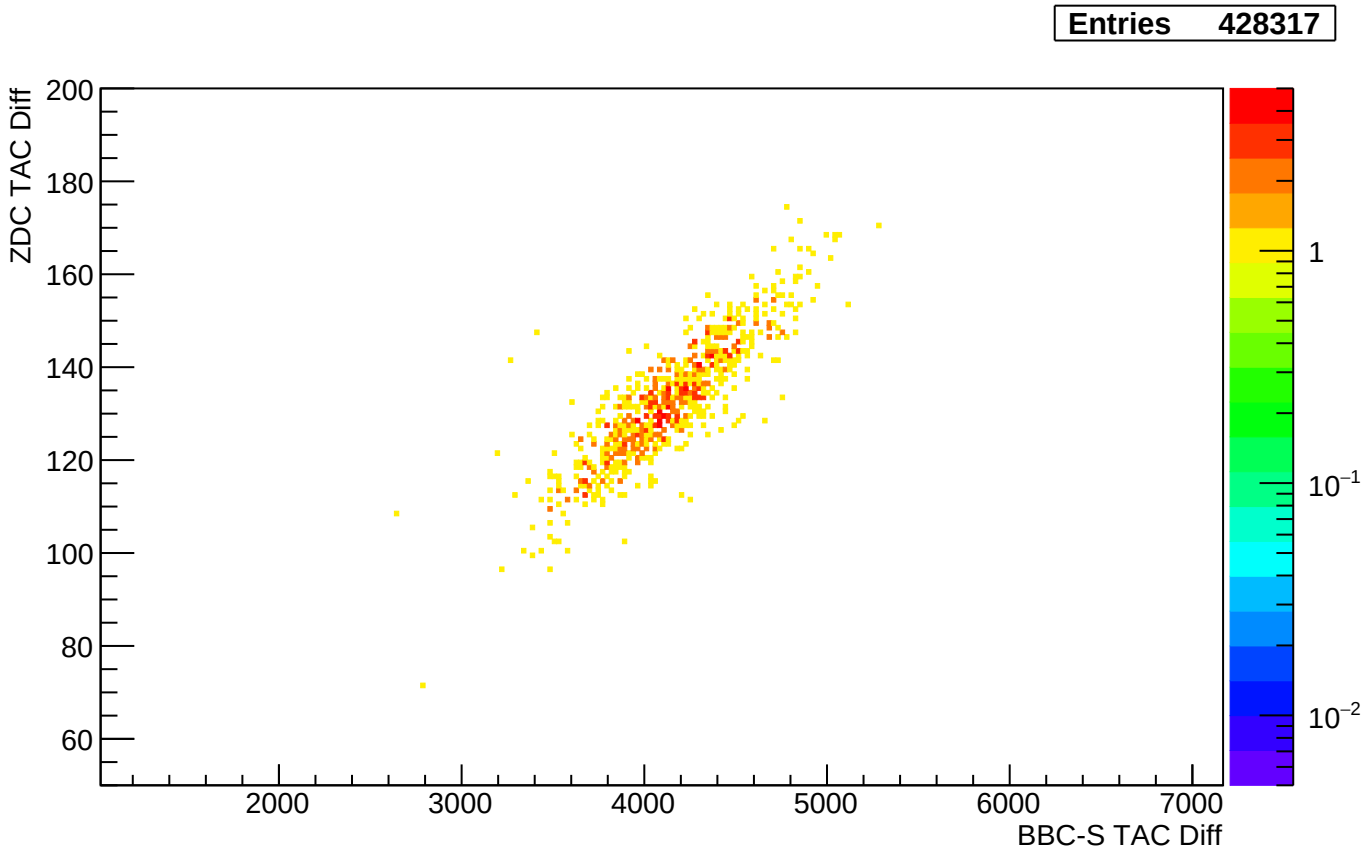

Entries 428317
TOF-Mult
EPD-West Hit Cnt

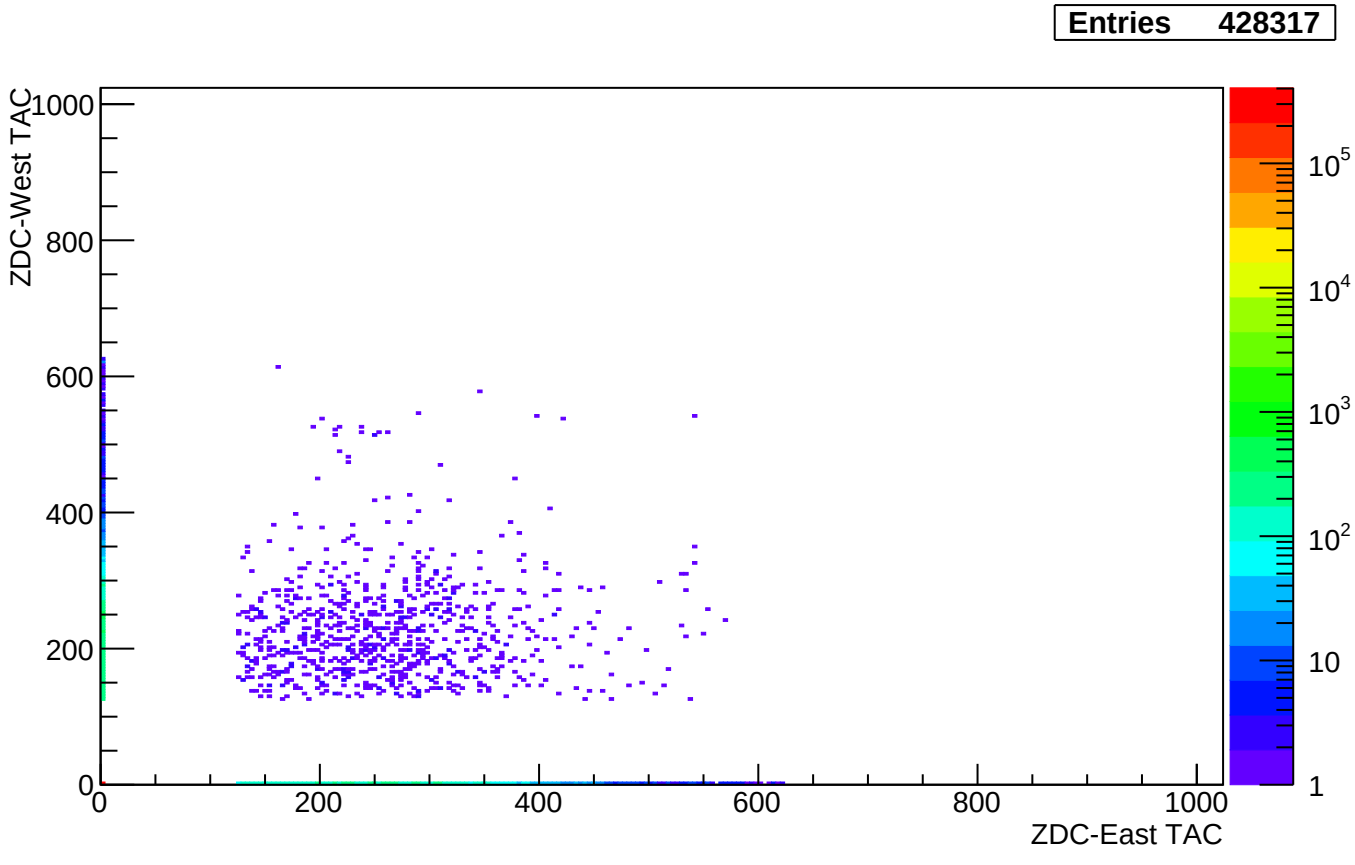

Entries 428317
TOF-Mult
VPD-East ADC Sum

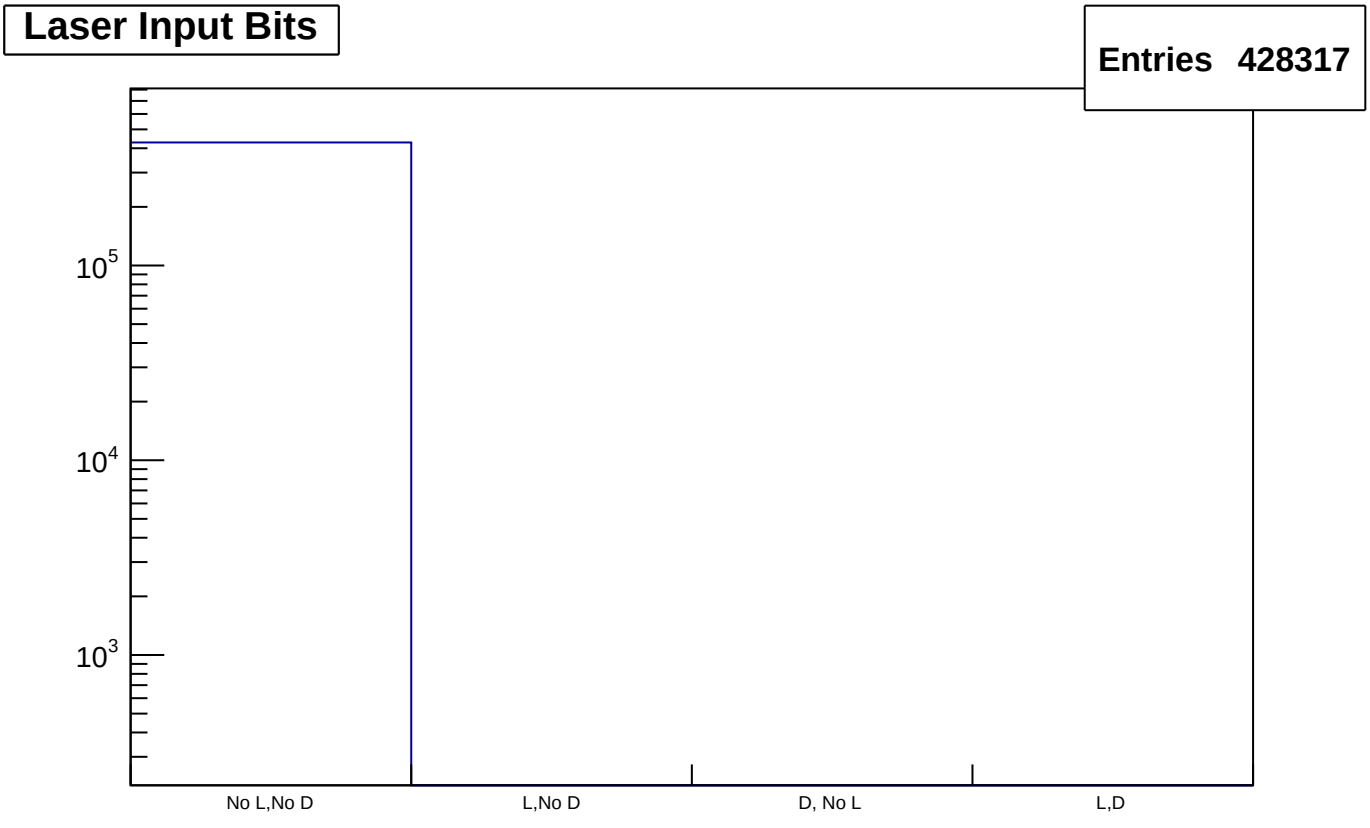

Entries 428317
TOF-Mult
VPD-West ADC Sum

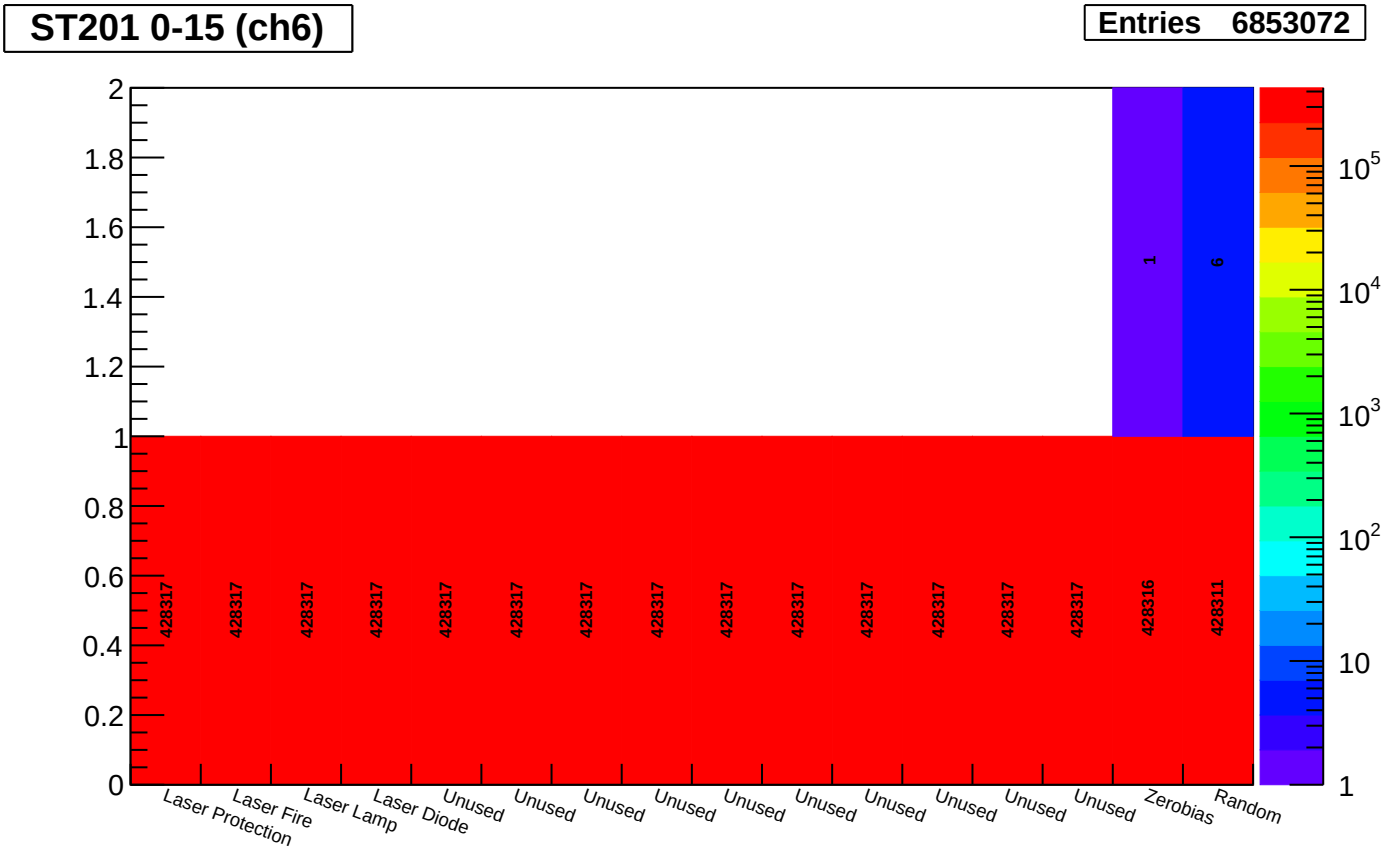

Entries 428317
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

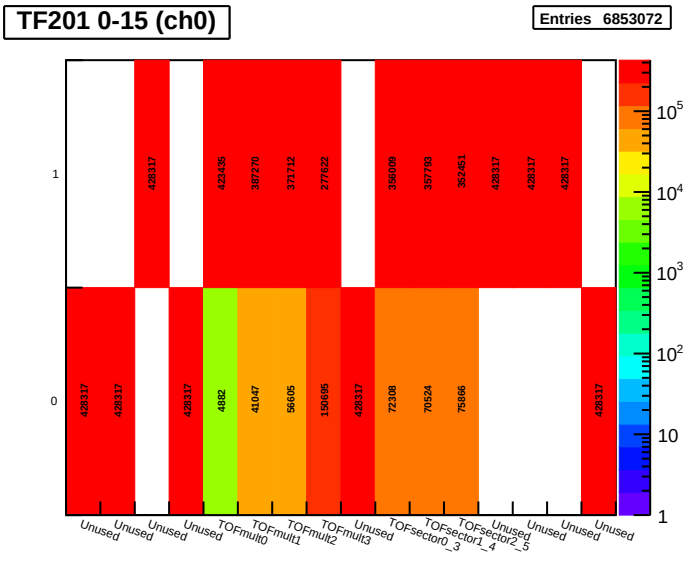

Entries 428317
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

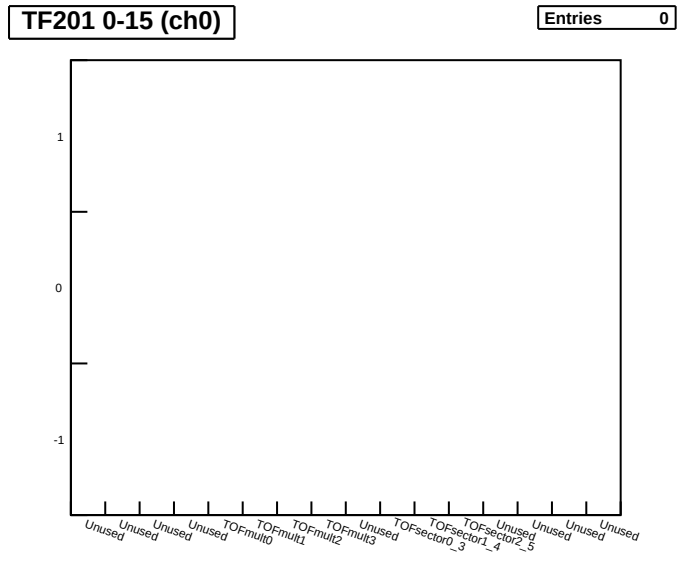

Entries 428317
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

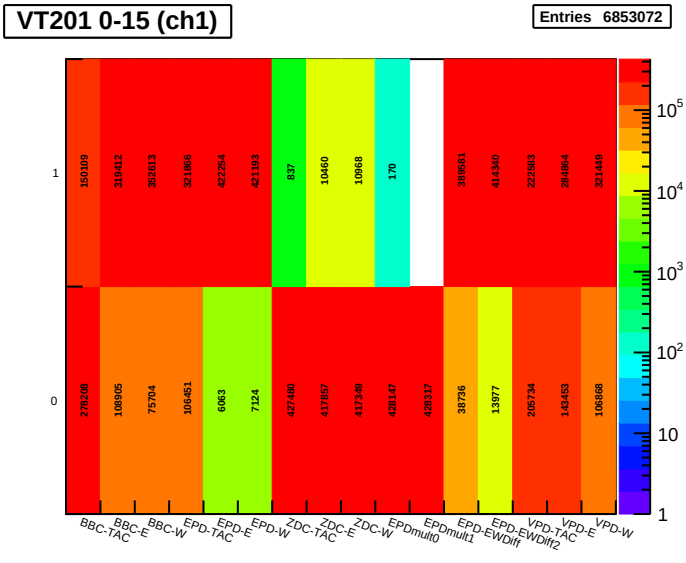

Entries 428317
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

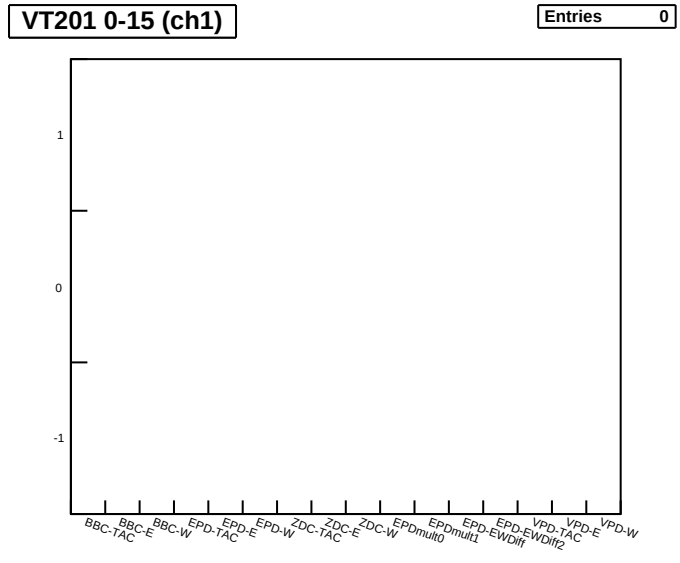

Laser Input Bits
Entries 428317
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

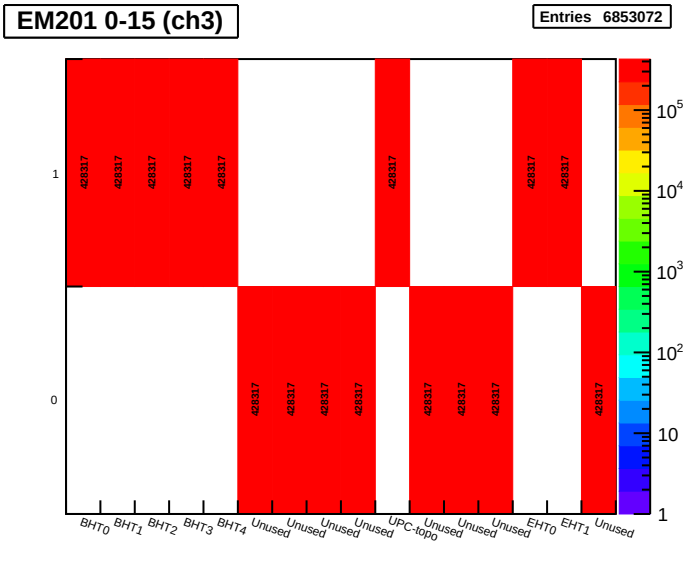

ST201 0-15 (ch6)
Entries 6853072
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
428317
428317
428317
428317
428317
428317
428317
428317
428317
428317
428317
428317
428317
428316
428311
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

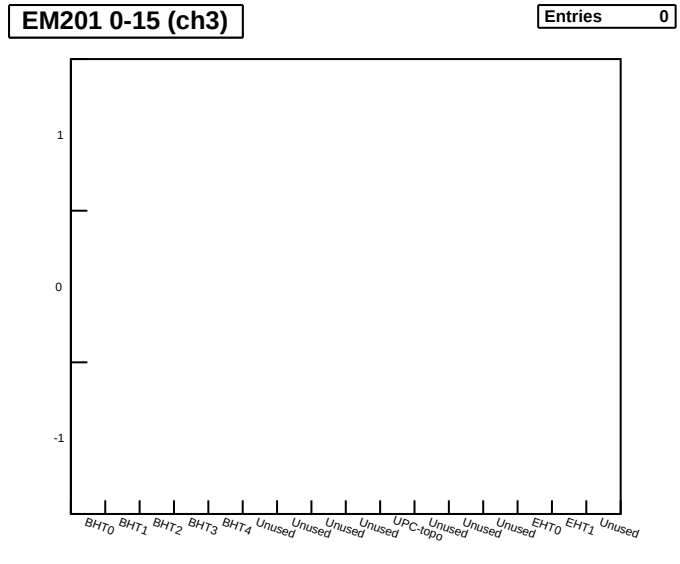

TF201 0-15 (ch0)
Entries 6853072
1
0
428317 423435 387270 371712 277622 356009 357793 352451 428317 428317 428317
428317 428317 428317 4882 41047 56605 150695 428317 72308 70524 75866 428317
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 6853072
1
0
150109 319412 352613 321866 422254 421193 837 10460 10968 170 389581 414340 222583 284864 321449
278208 108905 75704 106451 6063 7124 427480 417857 417349 428147 428317 38736 13977 205734 143453 106868
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 6853072
1
0
428317 428317 428317 428317 428317 428317 428317 428317
428317 428317 428317 428317 428317 428317 428317 428317
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


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