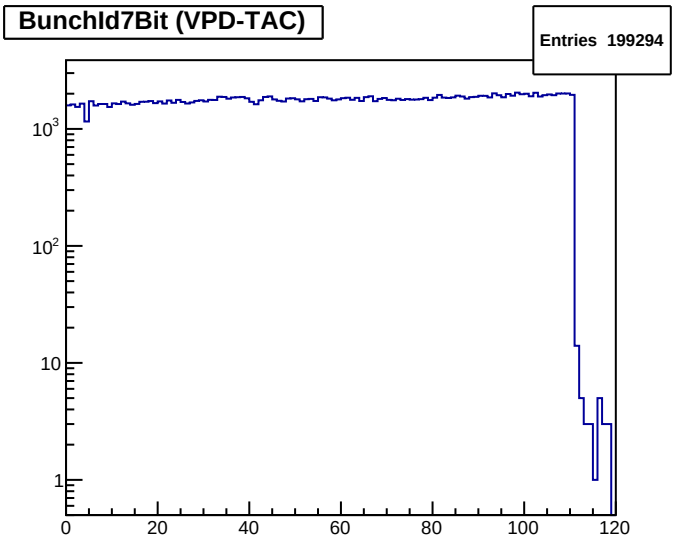
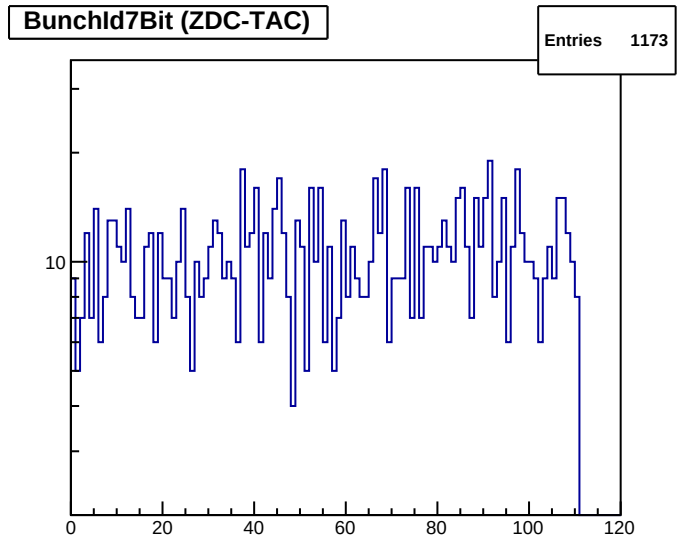
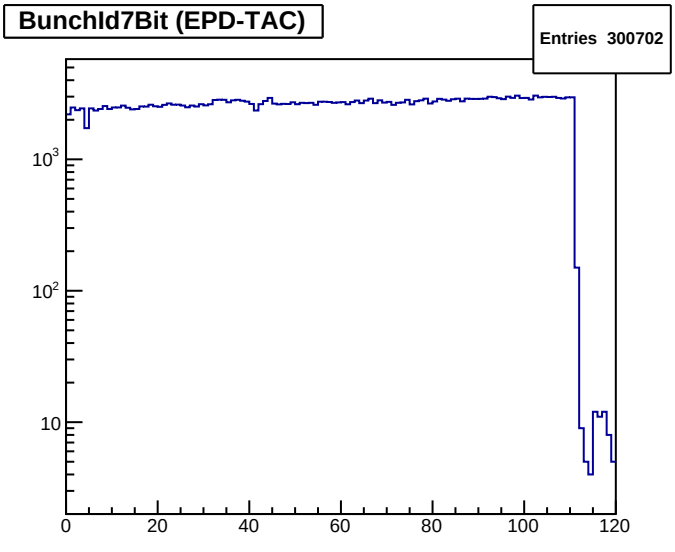
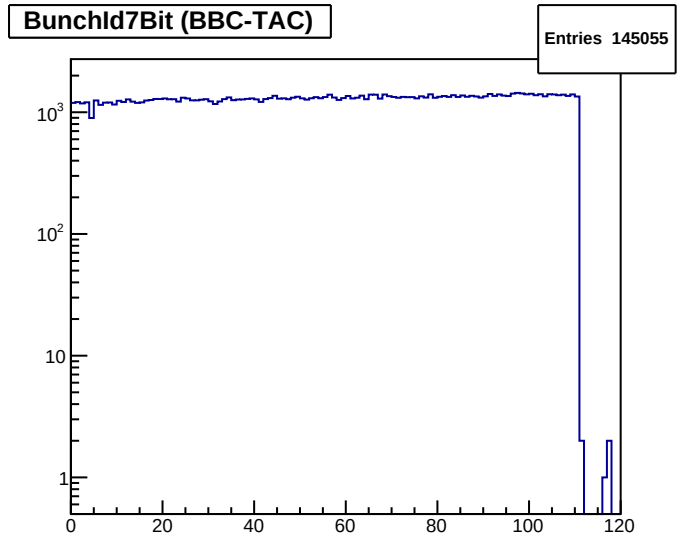
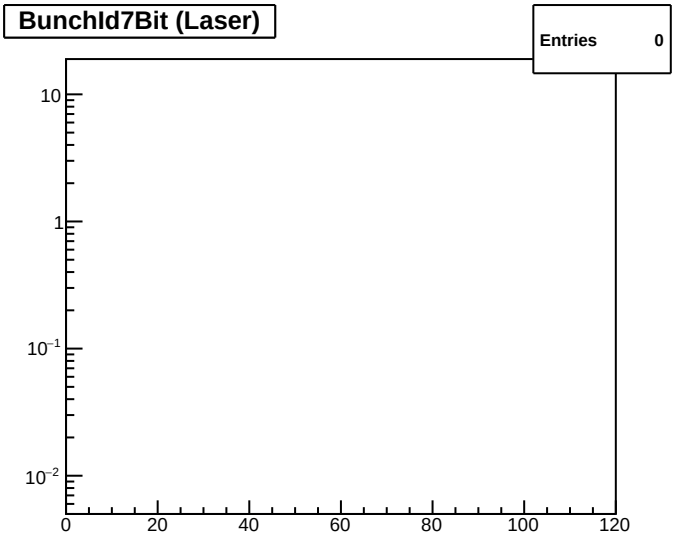
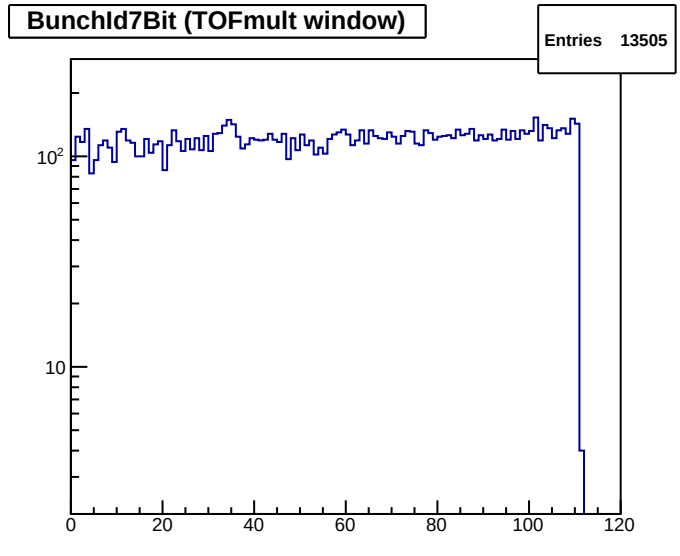

BunchId7Bit (VPD-TAC)
Entries 199294

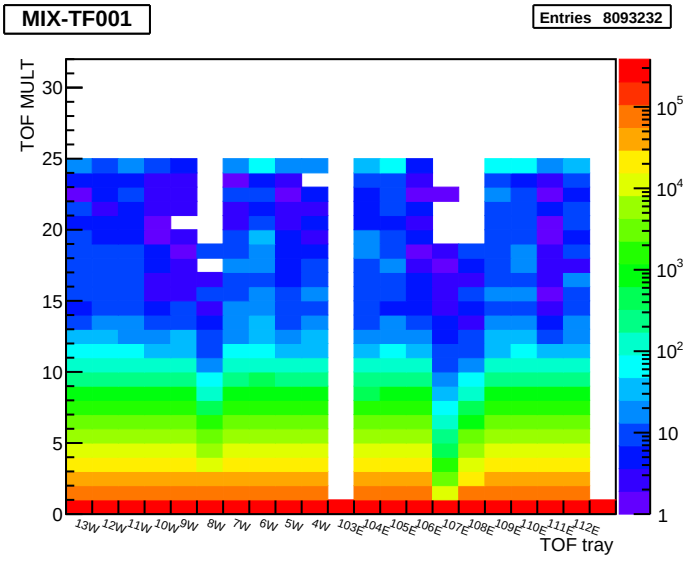

BunchId7Bit (ZDC-TAC)
Entries 1173

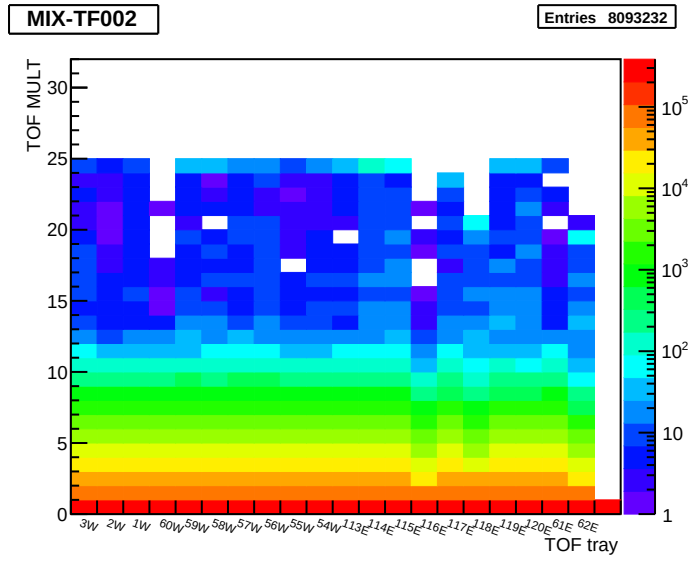

BunchId7Bit (EPD-TAC)
Entries 300702

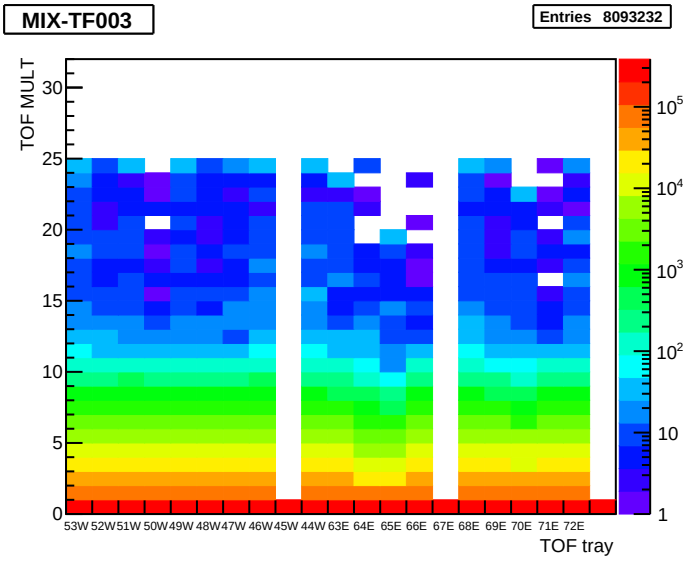

BunchId7Bit (BBC-TAC)
Entries 145055

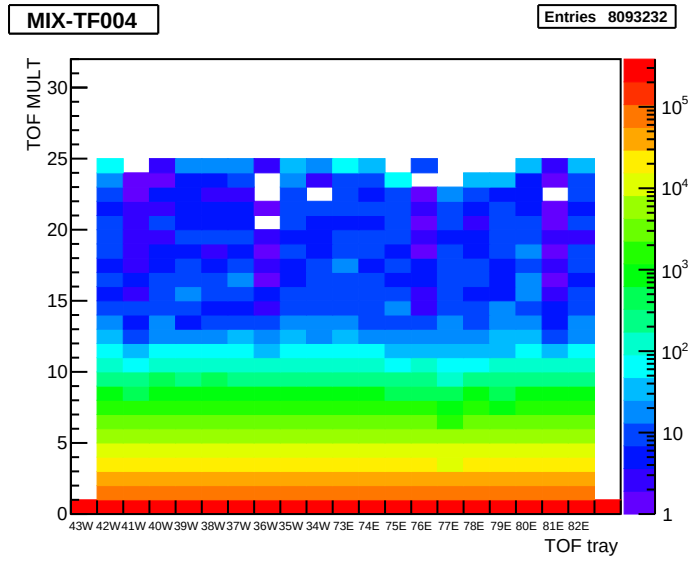

BunchId7Bit (Laser)
Entries 0

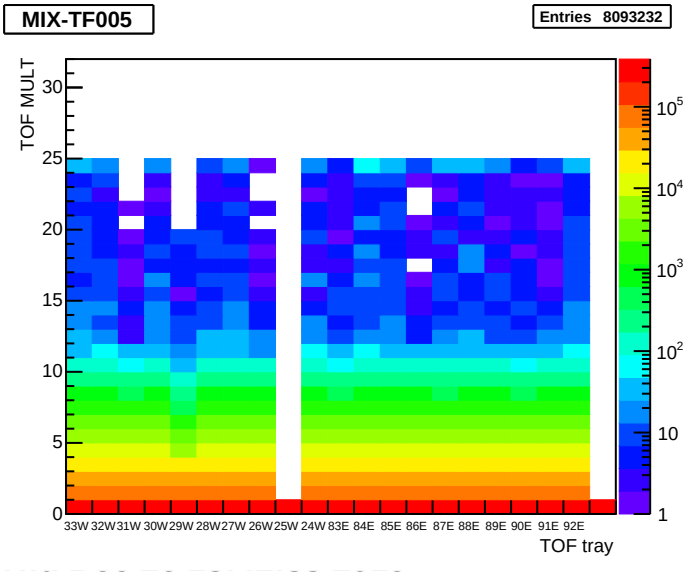

BunchId7Bit (TOFmult window)
Entries 13505

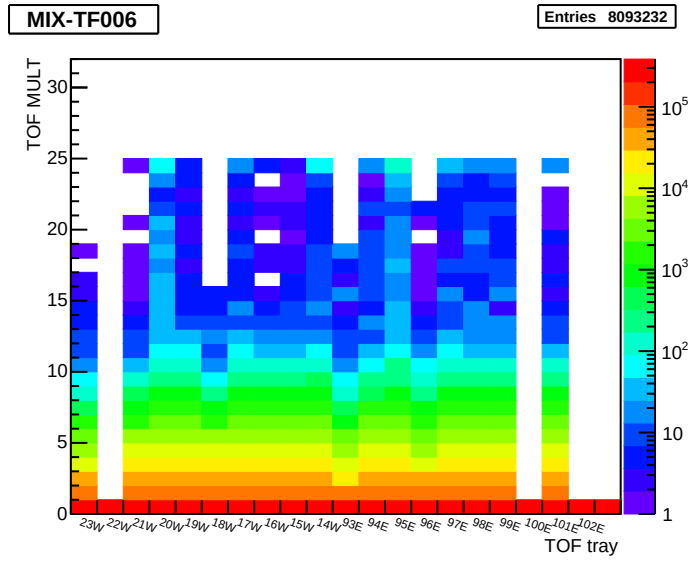

MIX-TF001
Entries 8093232
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

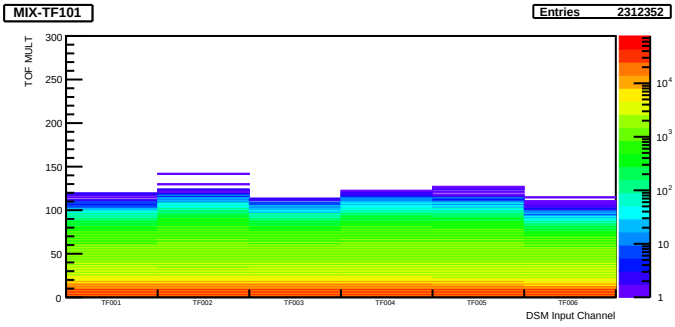

MIX-TF002
Entries 8093232
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

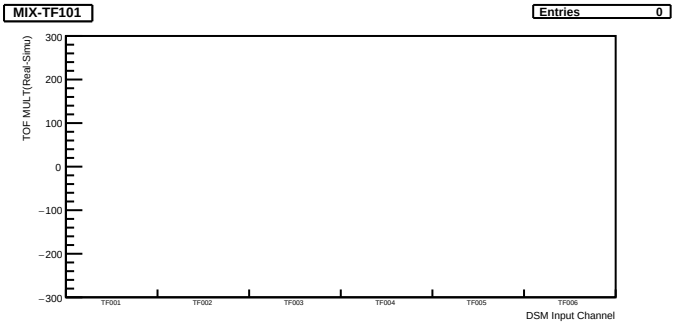

MIX-TF003
Entries 8093232
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

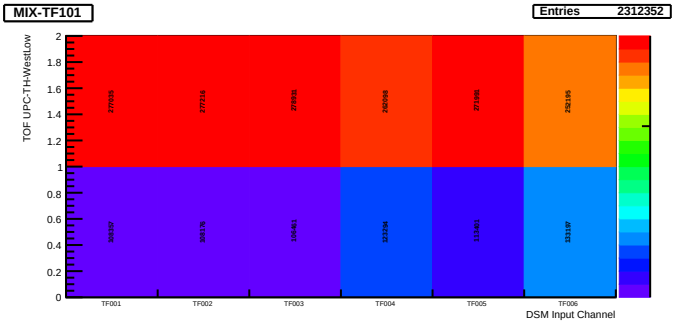

MIX-TF004
Entries 8093232
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

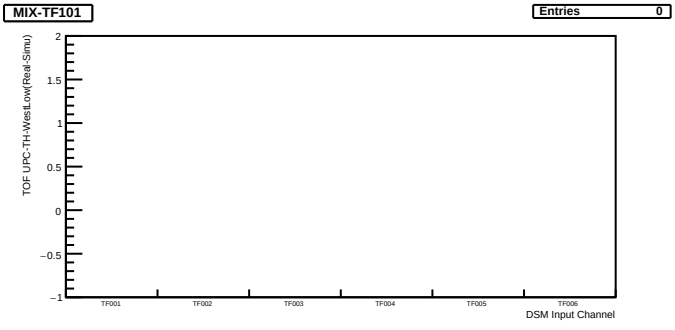

MIX-TF005
Entries 8093232
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

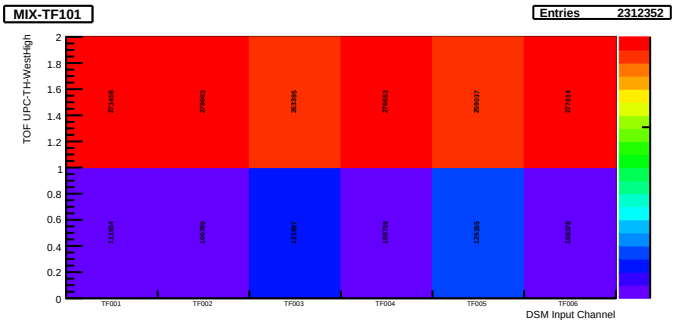

MIX-TF006
Entries 8093232
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

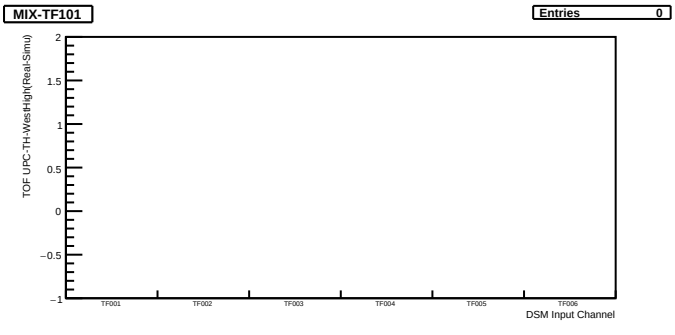

MIX-TF101
Entries 2312352
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

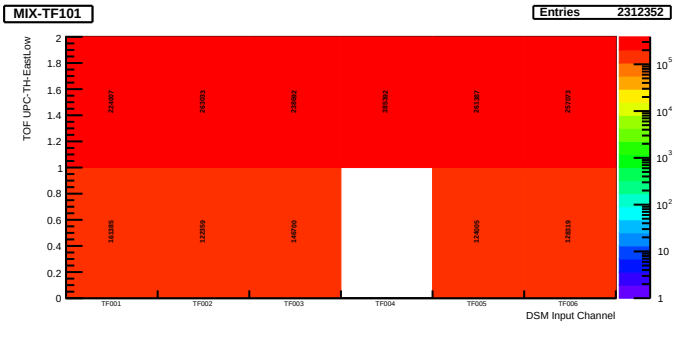

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

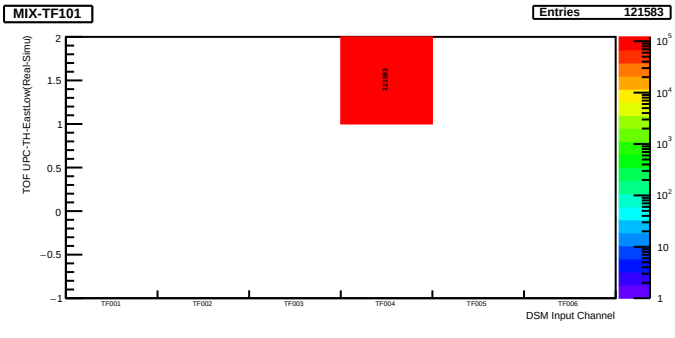

MIX-TF101
Entries 2312352
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

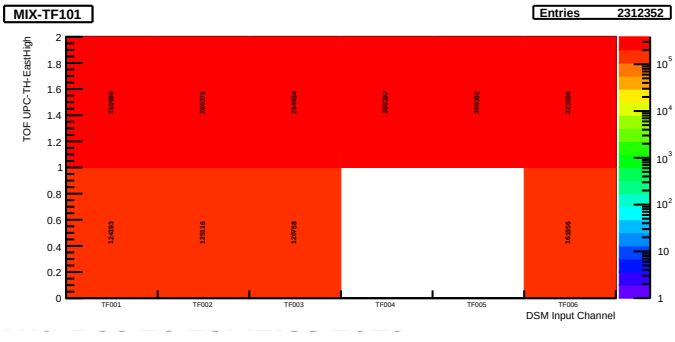

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

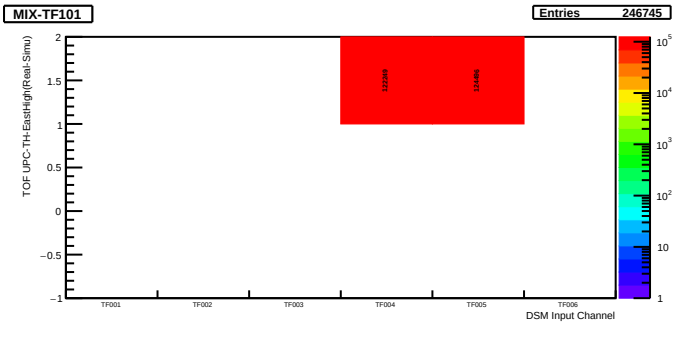

MIX-TF101
Entries 2312352
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

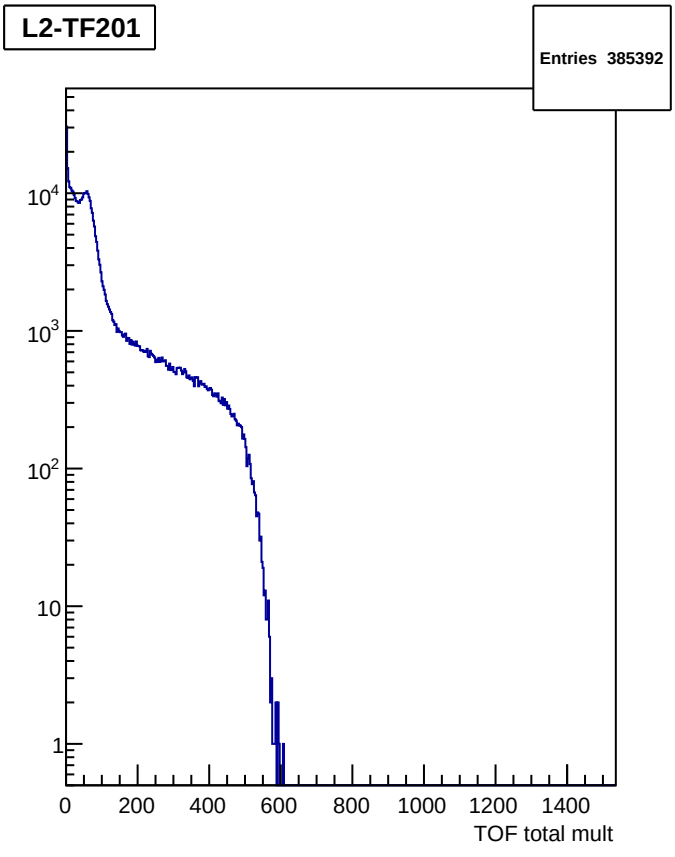

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

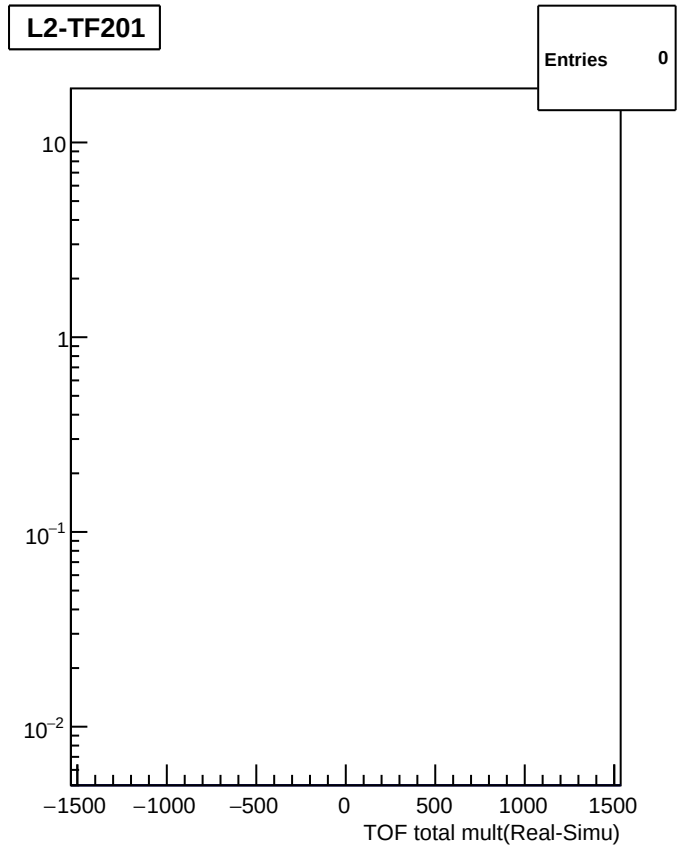

MIX-TF101
Entries 2312352
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

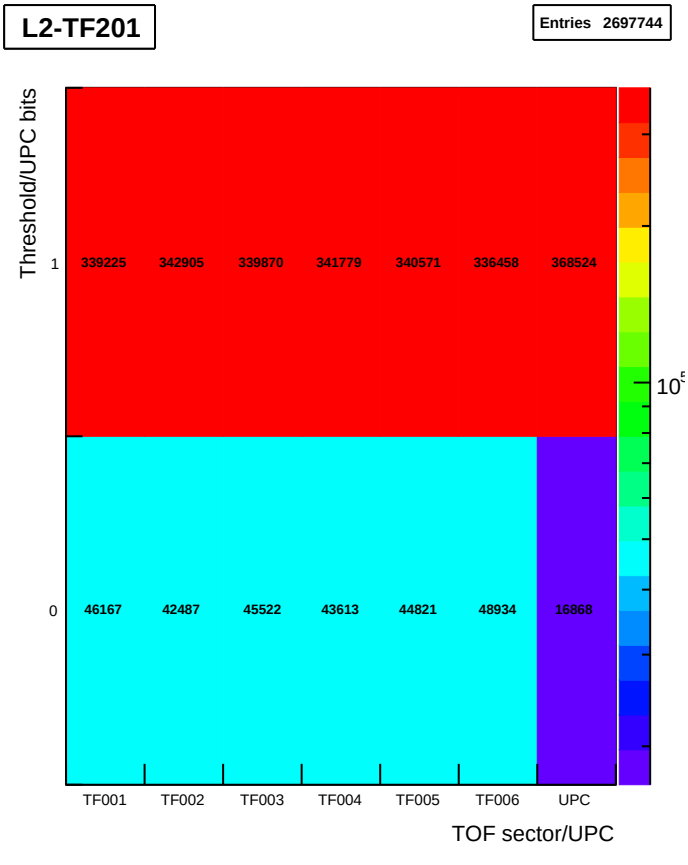

MIX-TF101
Entries 121583
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

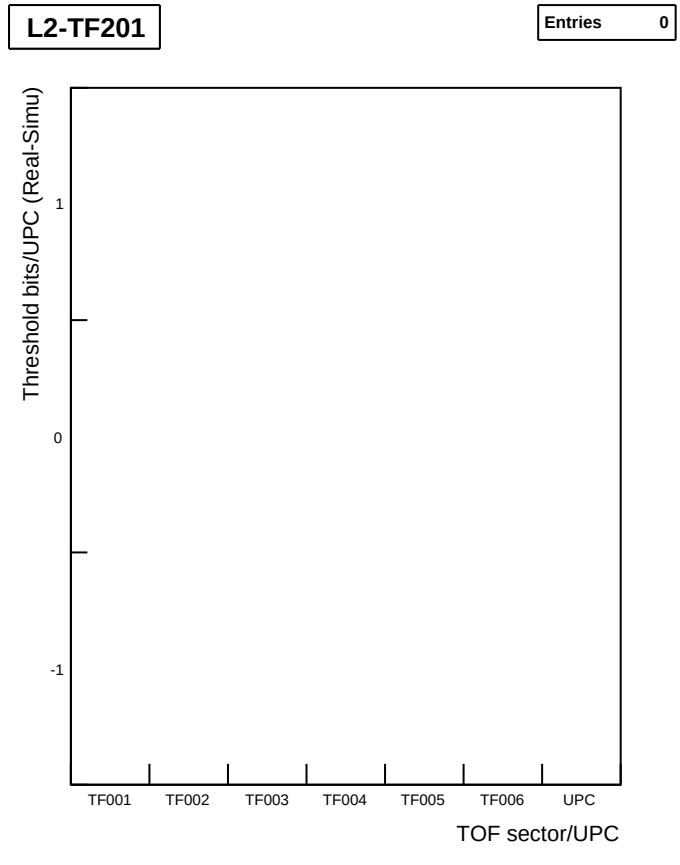

MIX-TF101
Entries 2312352
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

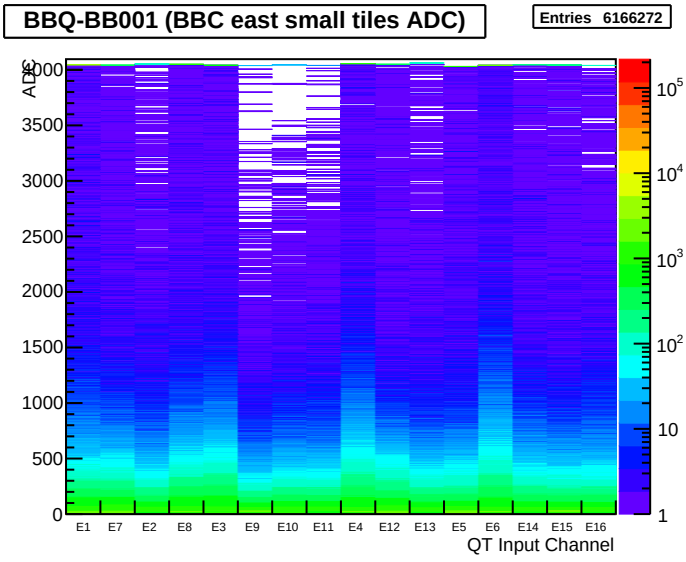

MIX-TF101
Entries 246745
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

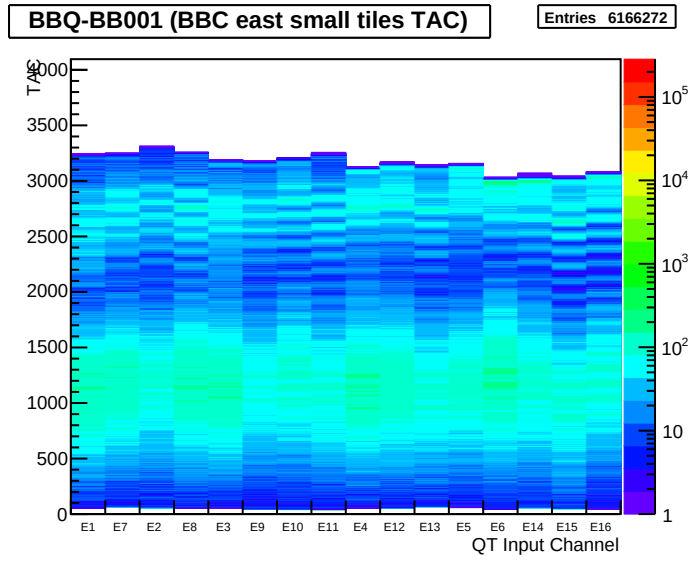

L2-TF201
Entries 385392
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

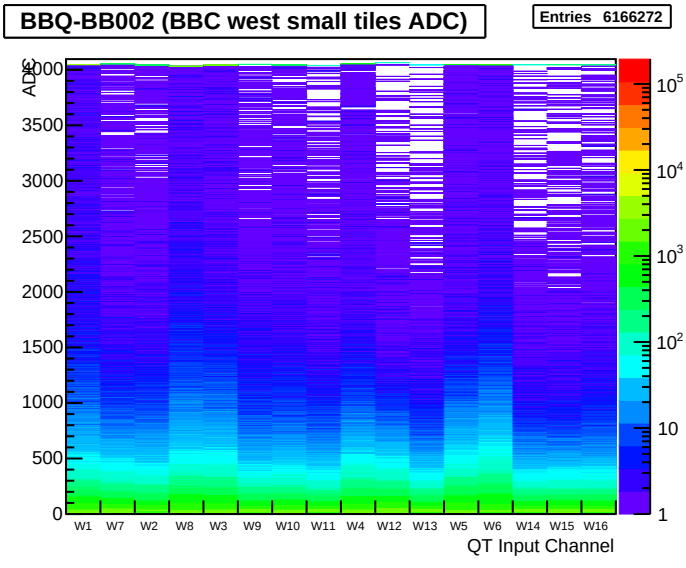

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

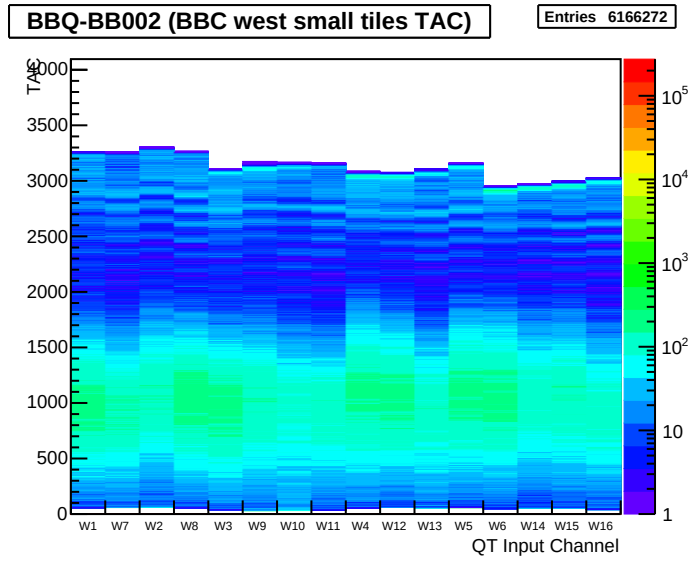

L2-TF201
Entries 2697744
Threshold/UPC bits
1
0
339225
342905
339870
341779
340571
336458
368524
46167
42487
45522
43613
44821
48934
16868
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

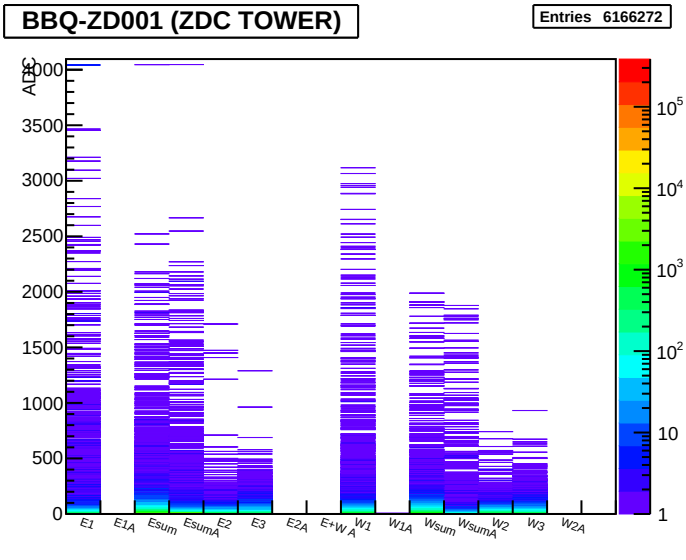

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

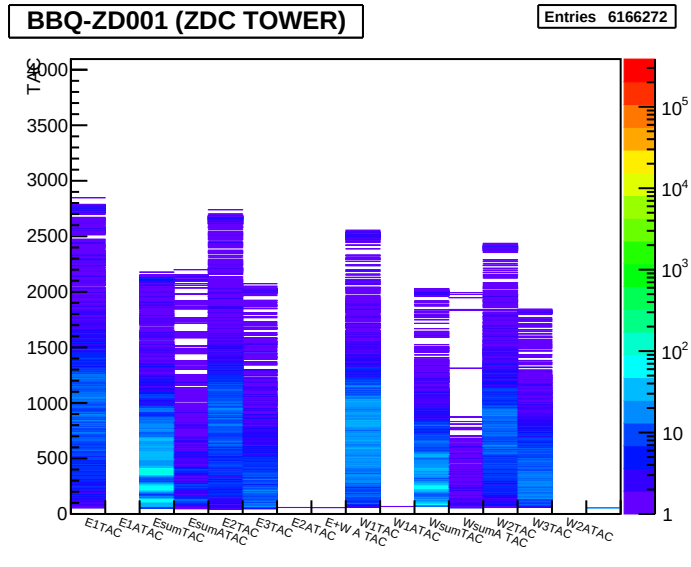

BBQ-BB001 (BBC east small tiles ADC)
Entries 6166272
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

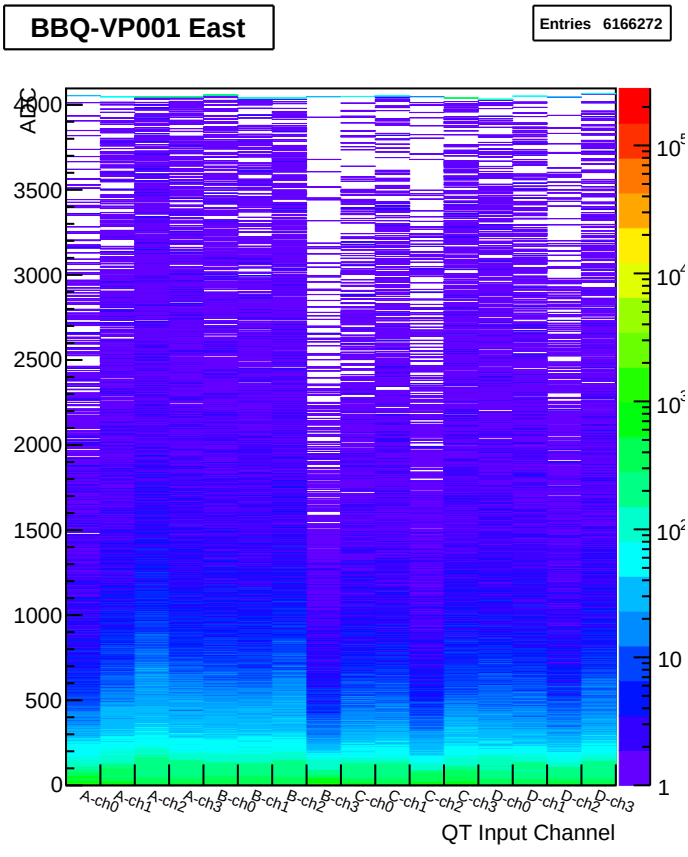

BBQ-BB001 (BBC east small tiles TAC)
Entries 6166272
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

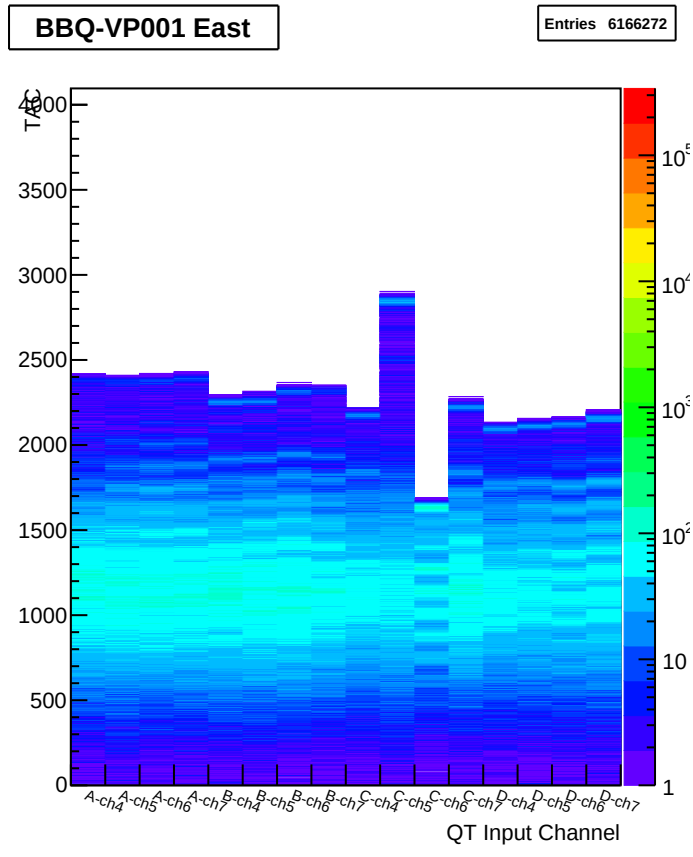

BBQ-BB002 (BBC west small tiles ADC)
Entries 6166272
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

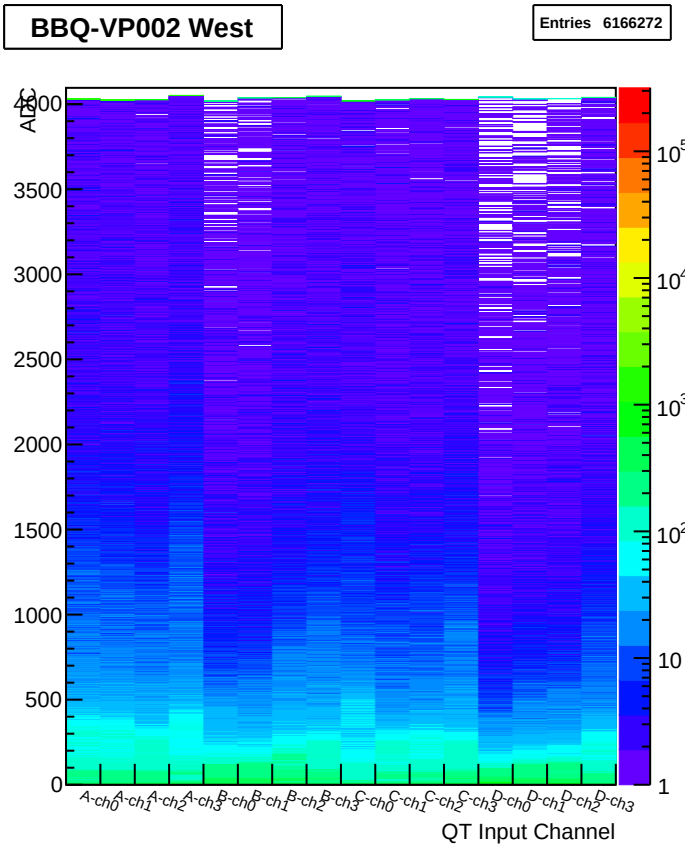

BBQ-BB002 (BBC west small tiles TAC)
Entries 6166272
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

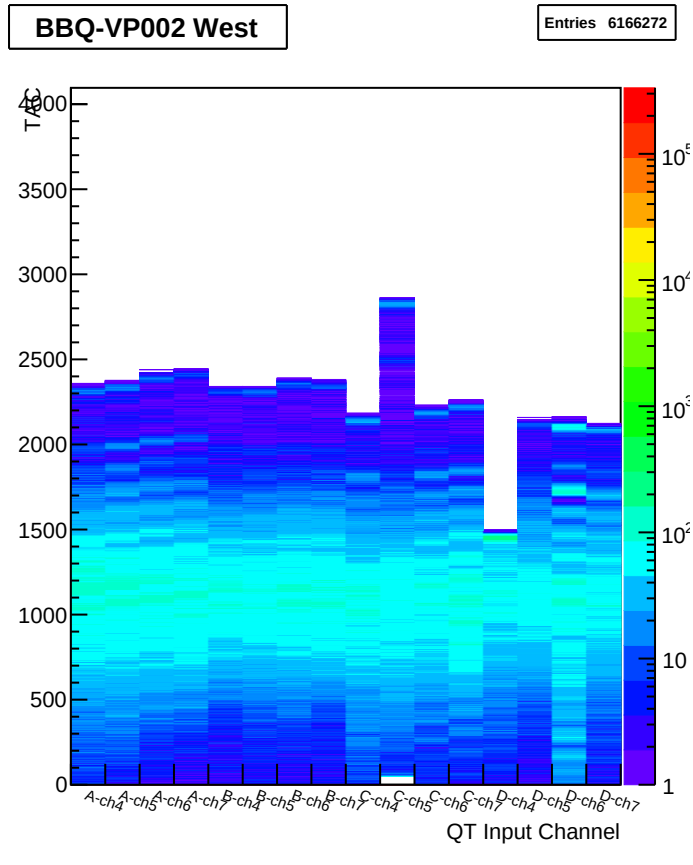

BBQ-ZD001 (ZDC TOWER)
Entries 6166272
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

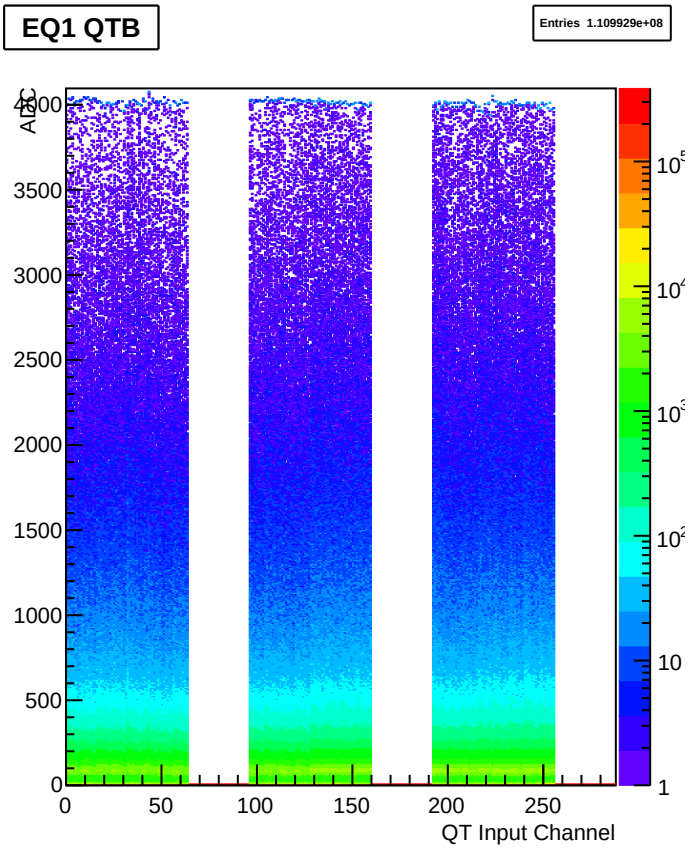

BBQ-ZD001 (ZDC TOWER)
Entries 6166272
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

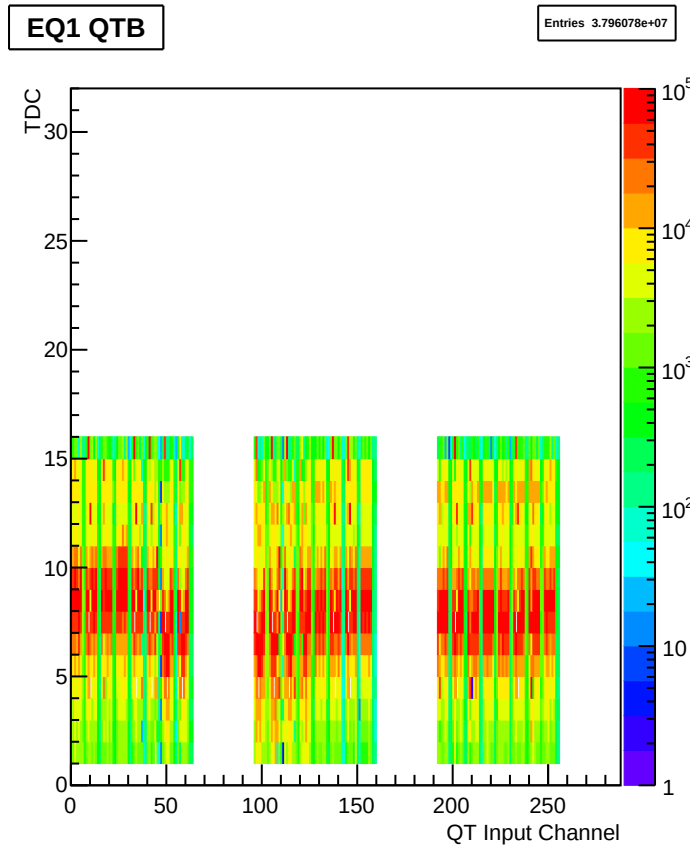

BBQ-VP001 East
Entries 6166272
ADC
QT Input Channel

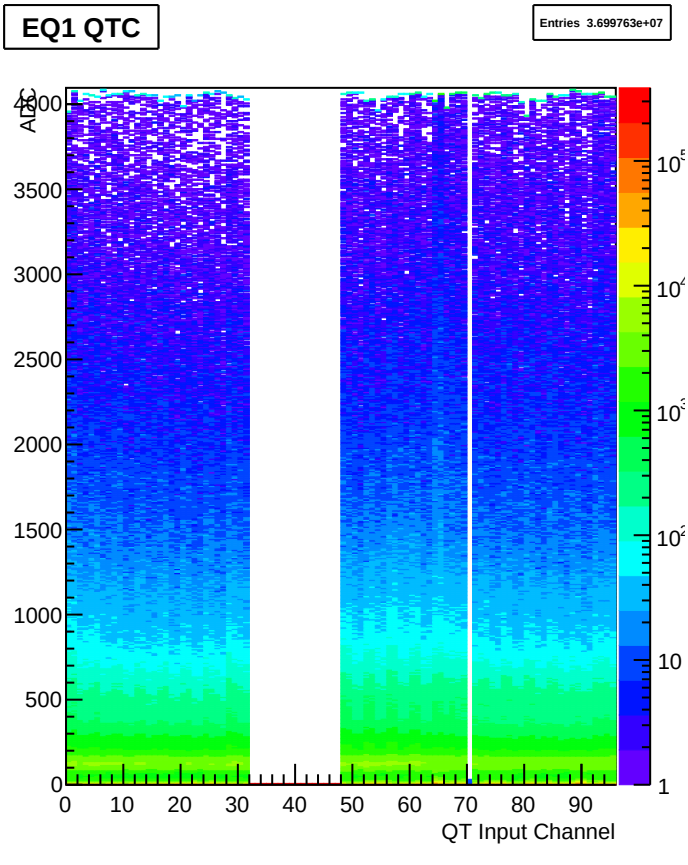

BBQ-VP001 East
Entries 6166272
ADC
QT Input Channel

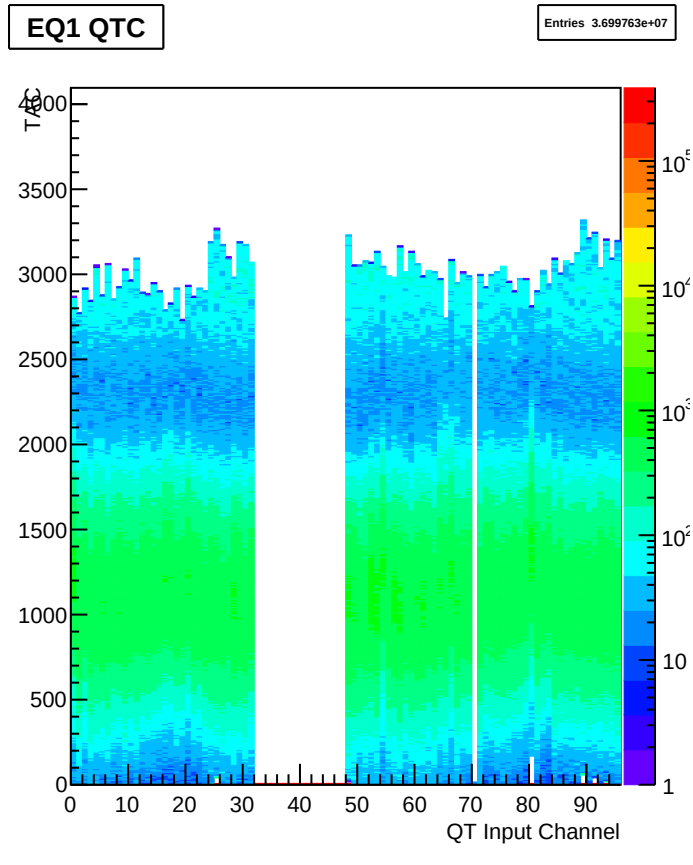

BBQ-VP002 West
Entries 6166272
ADC
QT Input Channel

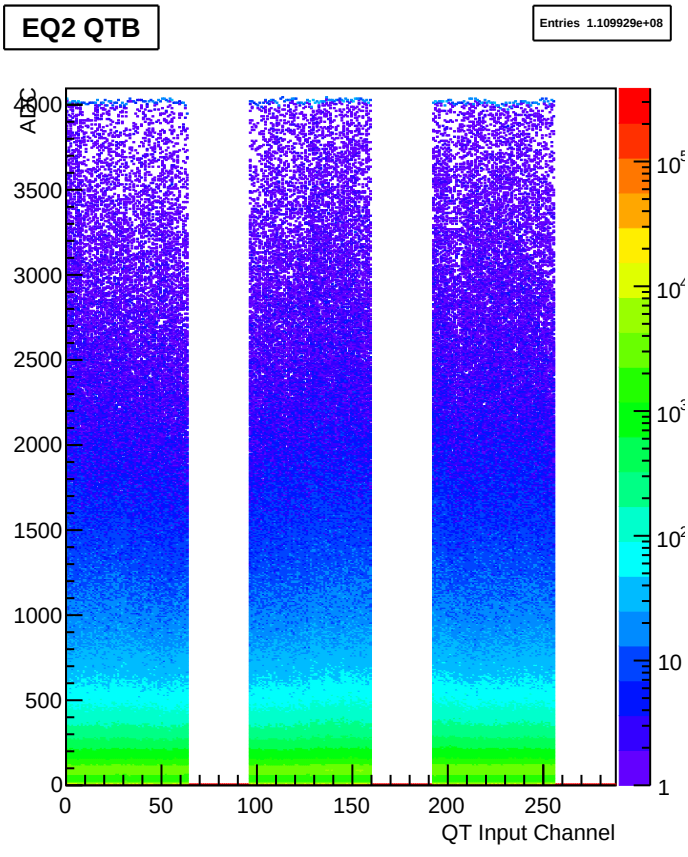

BBQ-VP002 West
Entries 6166272
ADC
QT Input Channel

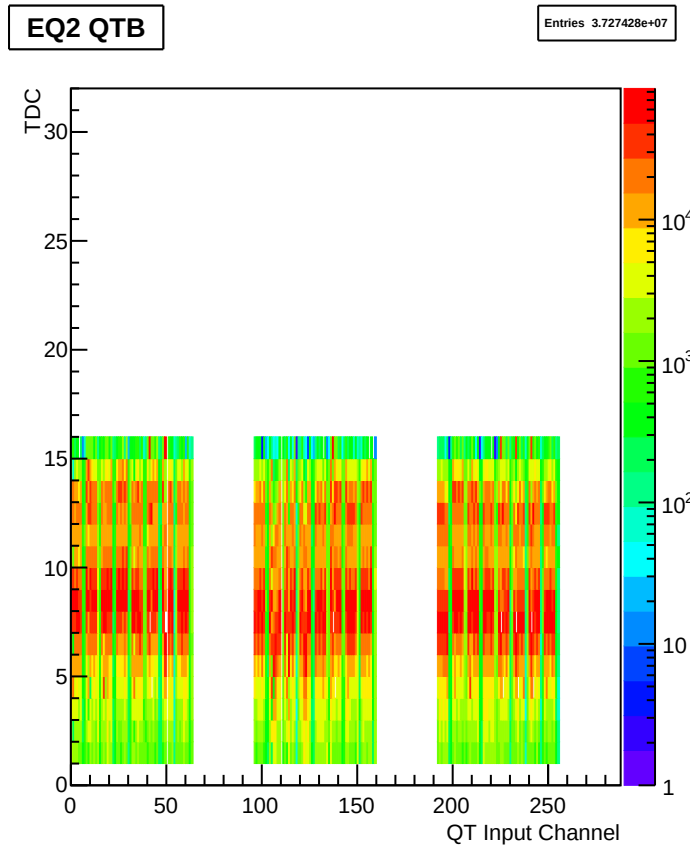

EQ1 QTB
Entries 1.109929e+08
ADC
QT Input Channel

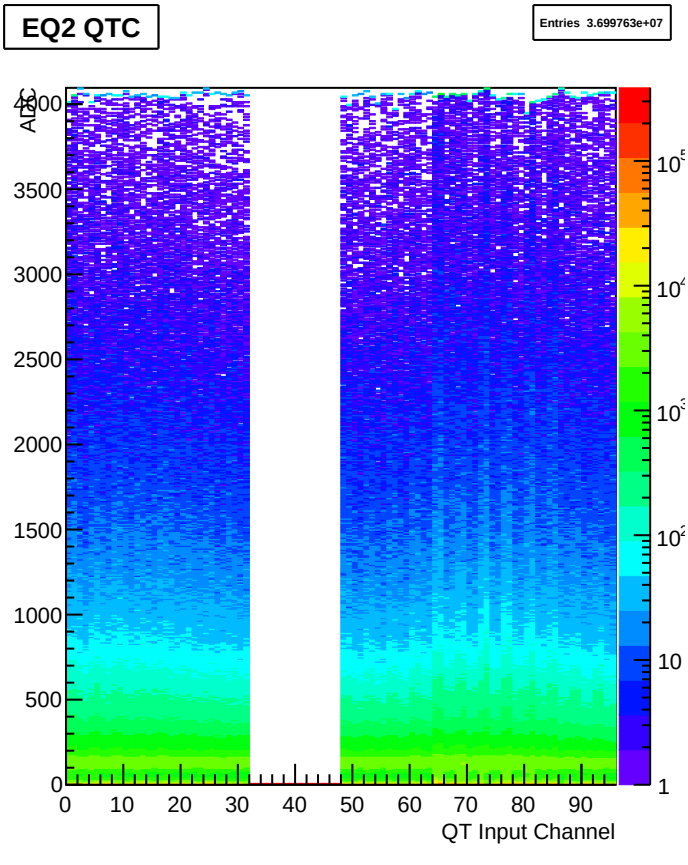

EQ1 QTB
Entries 3.796078e+07
TDC
QT Input Channel

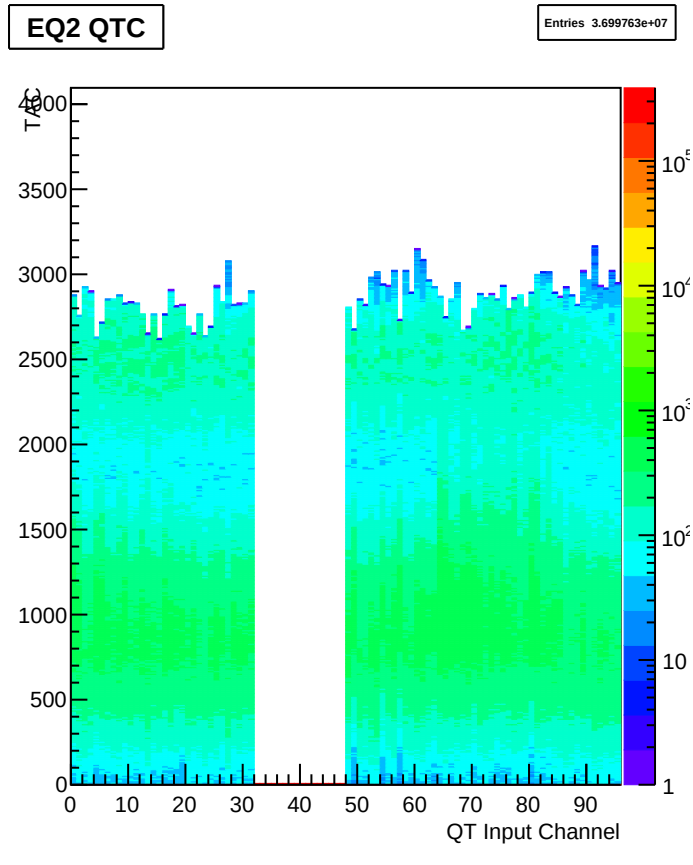

EQ1 QTC
Entries 3.699763e+07
ADC
QT Input Channel

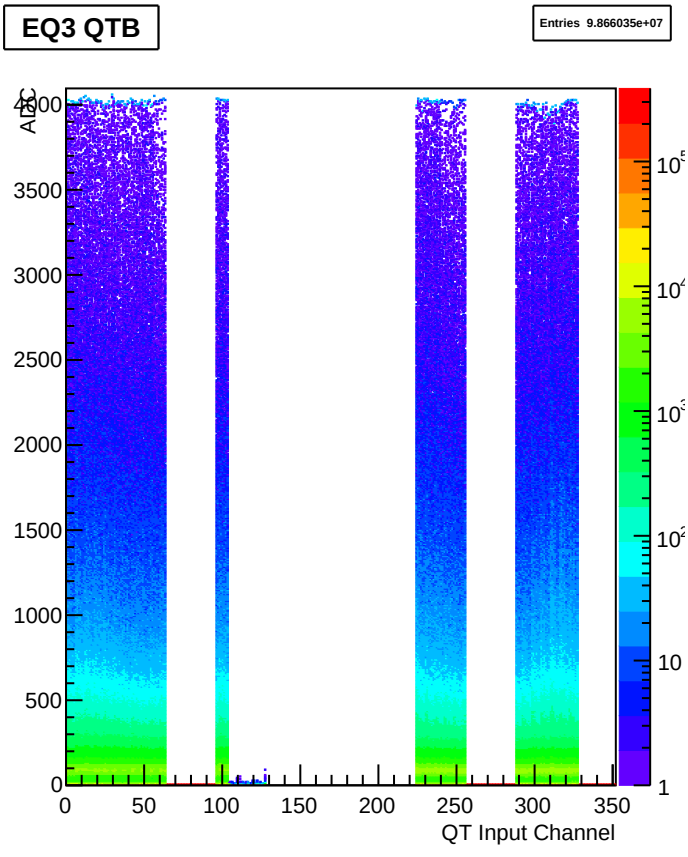

EQ1 QTC
Entries 3.699763e+07
TADC
QT Input Channel

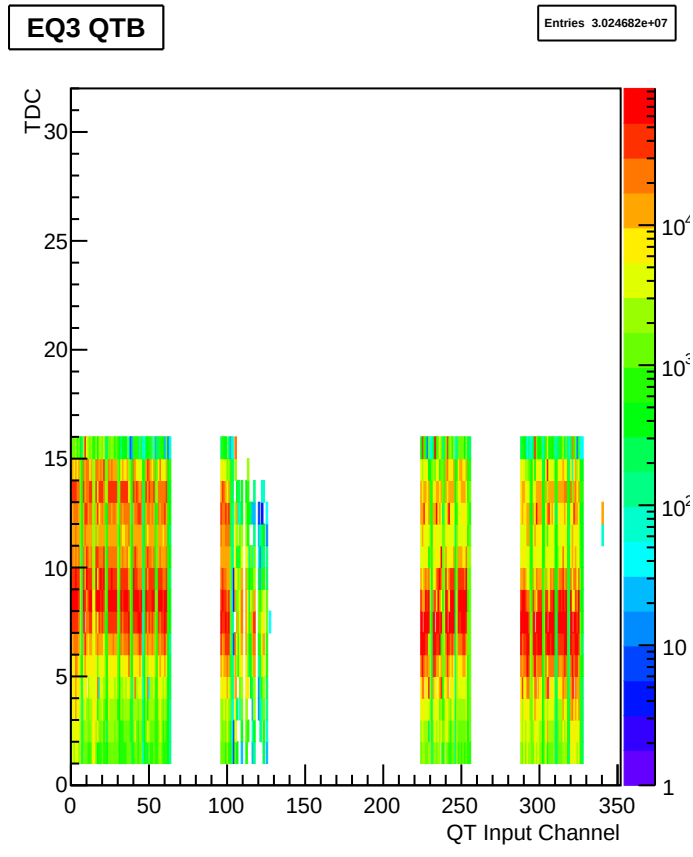

EQ2 QTB
Entries 1.109929e+08
ADC
QT Input Channel

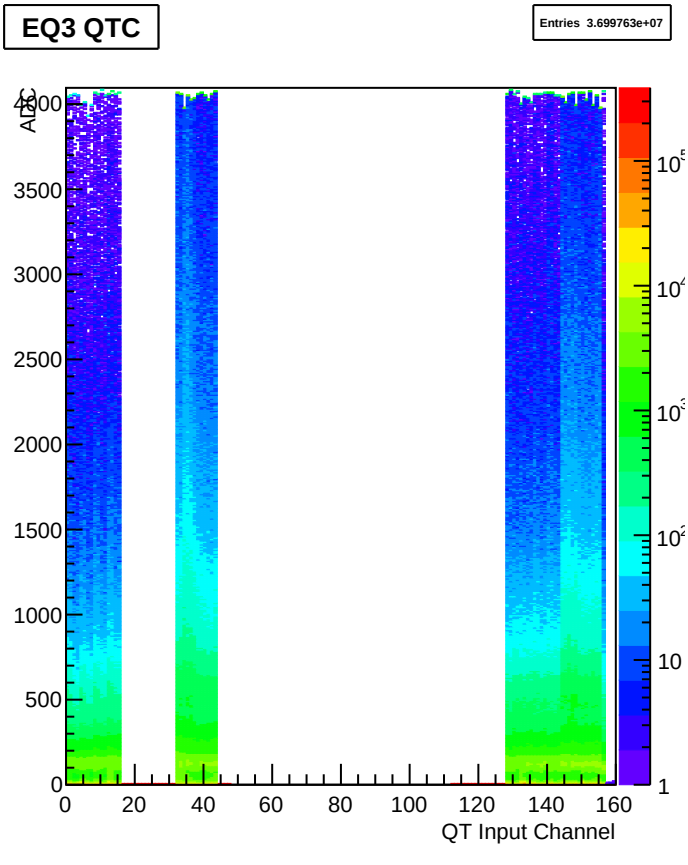

EQ2 QTB
Entries 3.727428e+07
TDC
QT Input Channel

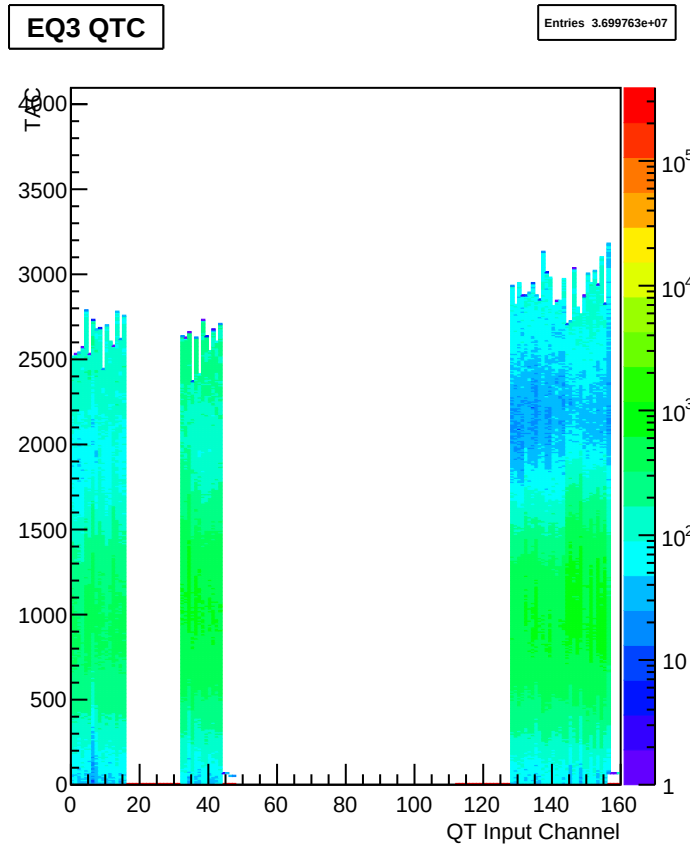

EQ2 QTC
Entries 3.699763e+07
ADC
QT Input Channel

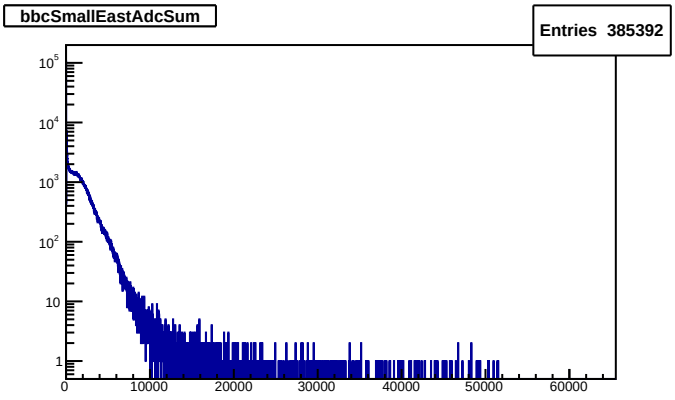

EQ2 QTC
Entries 3.699763e+07
TADC
QT Input Channel

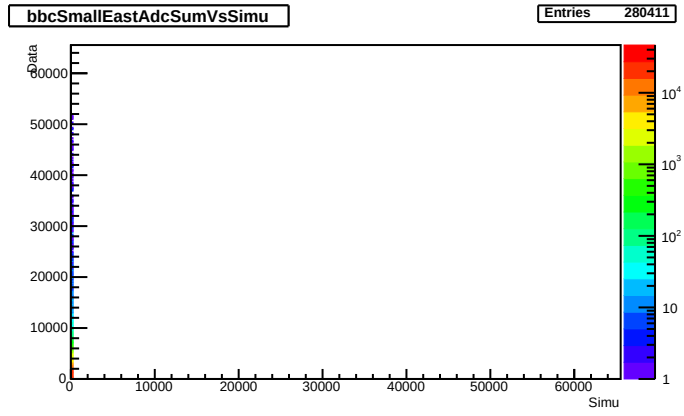

EQ3 QTB
Entries 9.866035e+07
ADC
QT Input Channel

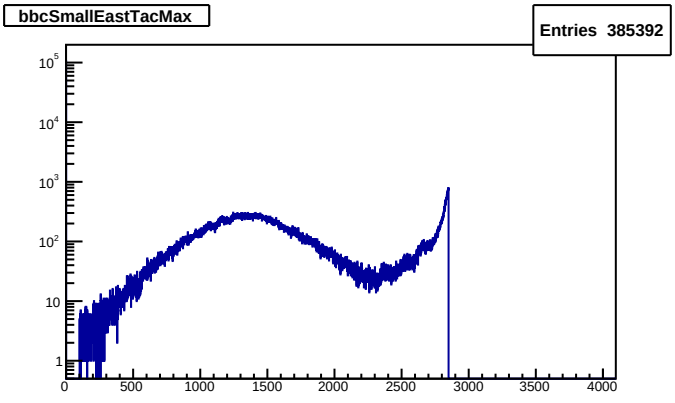

EQ3 QTB
Entries 3.024682e+07
TDC
QT Input Channel

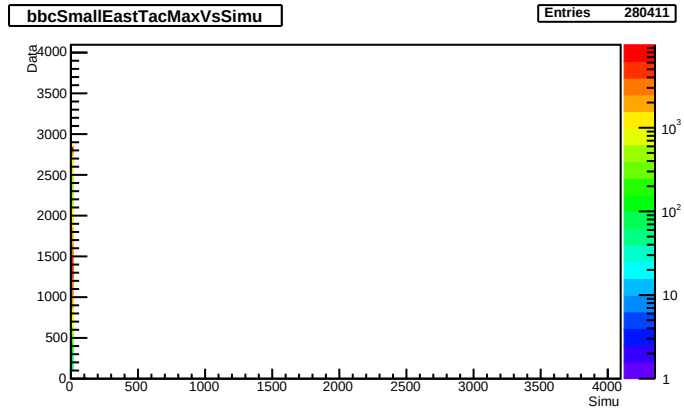

EQ3 QTC
Entries 3.699763e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.699763e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 385392


bbcSmallEastAdcSumVsSimu
Entries 280411
Data
Simu


bbcSmallEastTacMax
Entries 385392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Entries 280411
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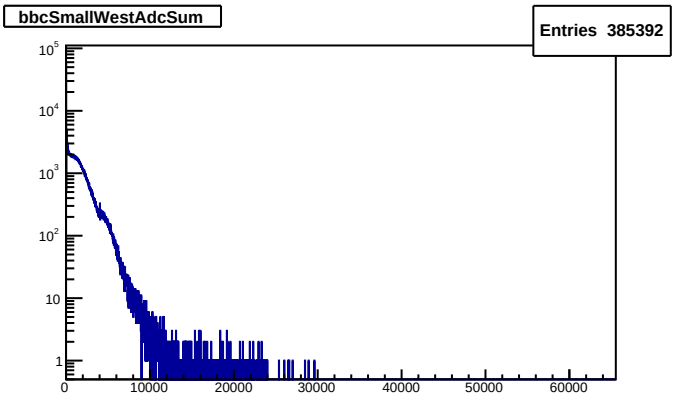
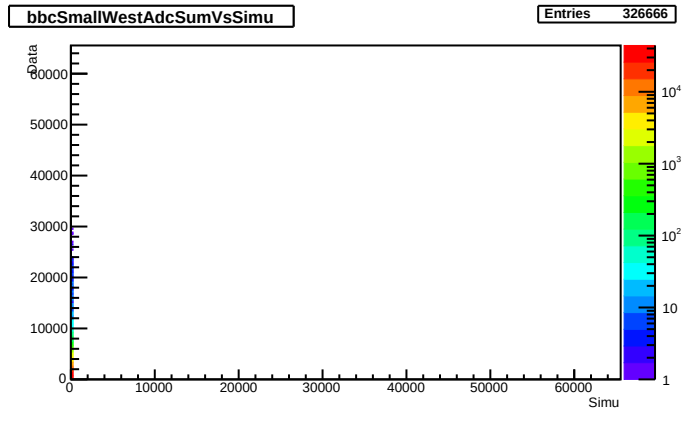
Simu


bbcSmallWestAdcSum
Entries 385392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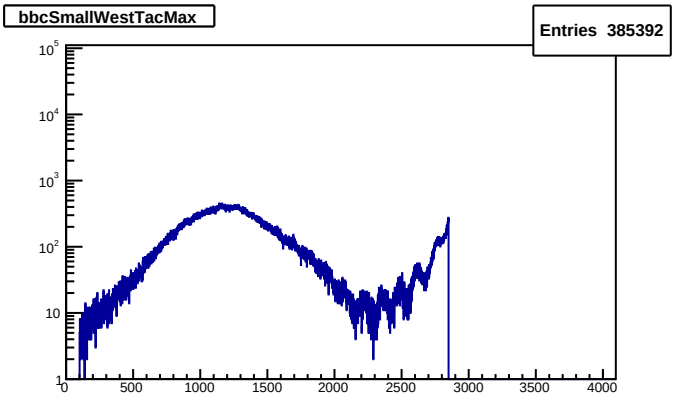
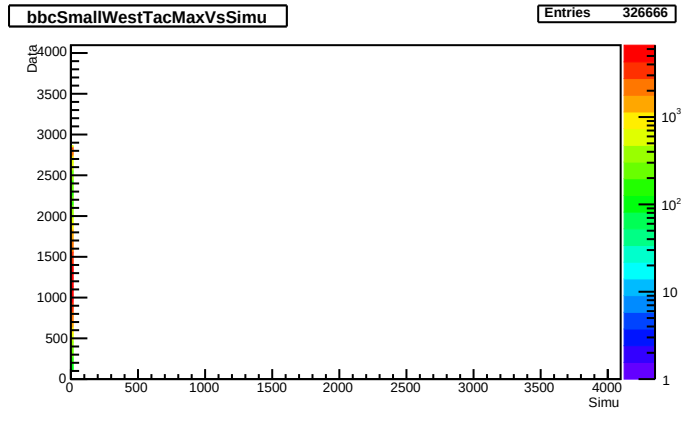
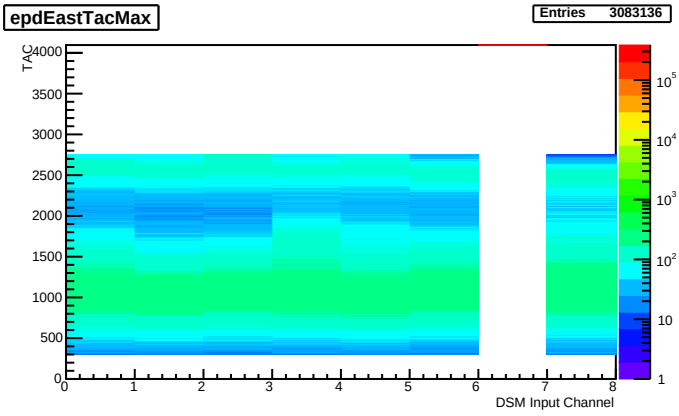
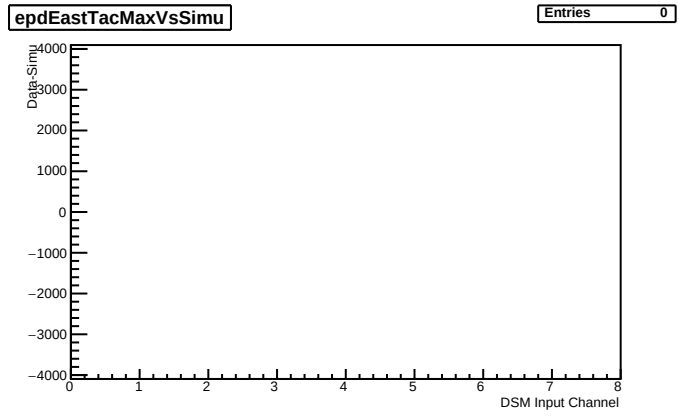
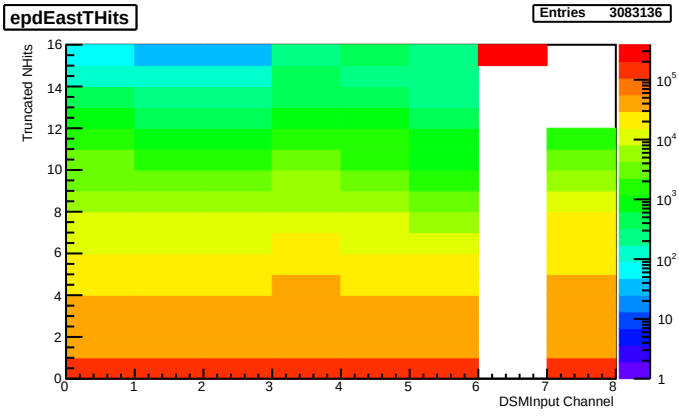
Entries 326666
Data
Simu

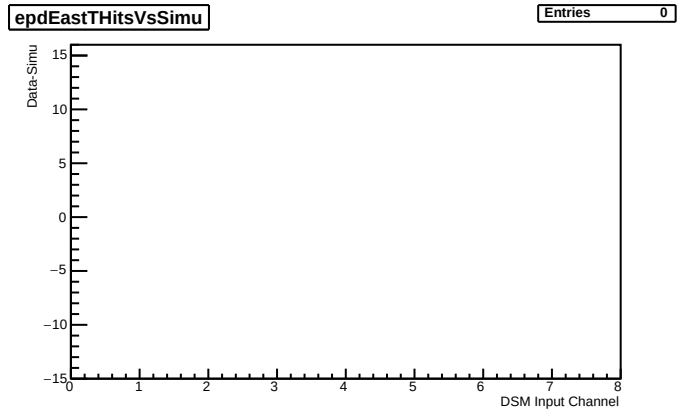

bbcSmallWestTacMax
Entries 385392


bbcSmallWestTacMaxVsSimu
Entries 326666
Data
Simu


epdEastTacMax
Entries 3083136
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3083136
Truncated NHits
DSMInput Channel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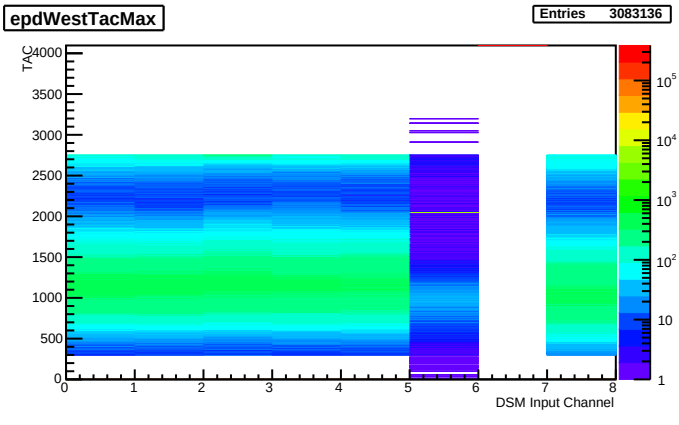
Entries 0
Data-Simu
DSM Input Channel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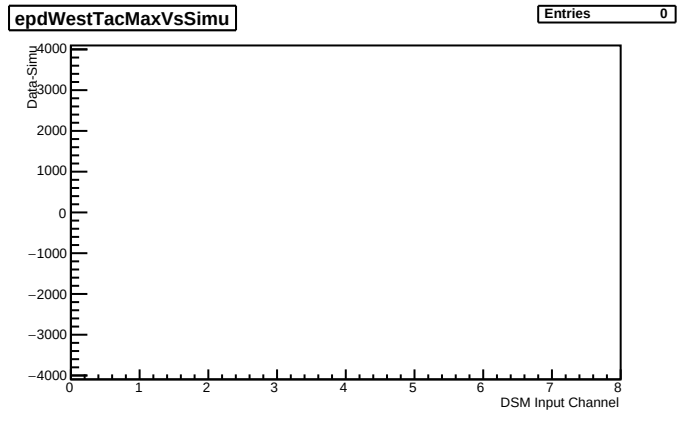
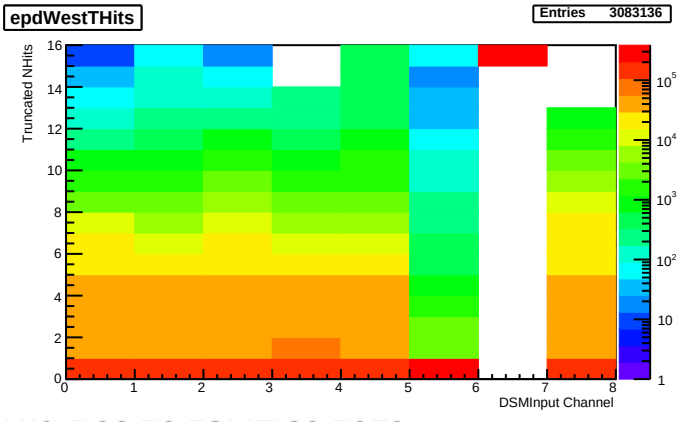
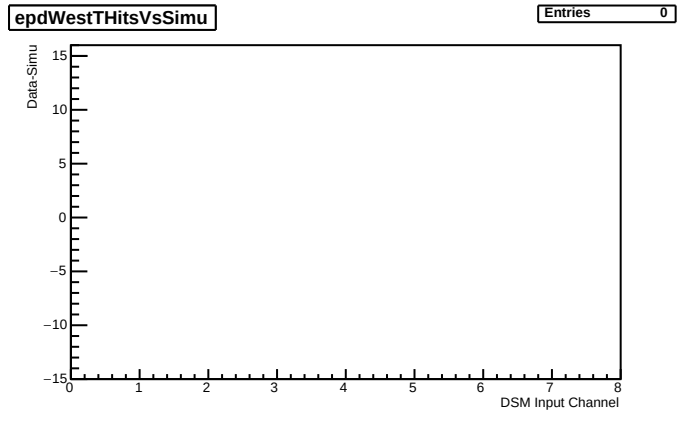
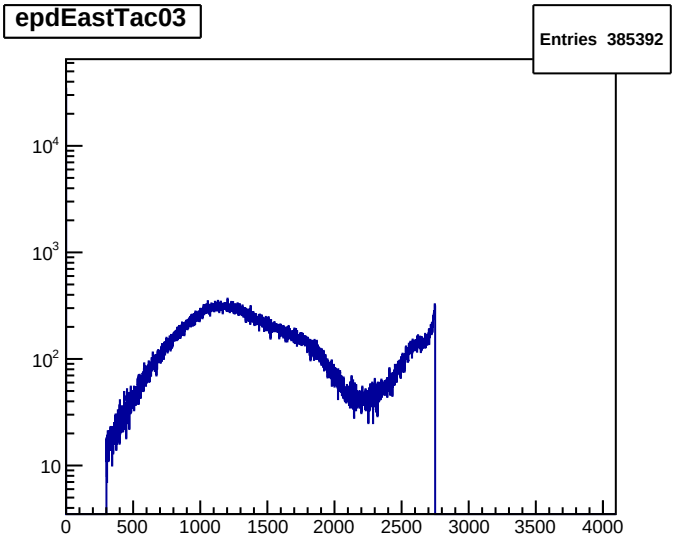
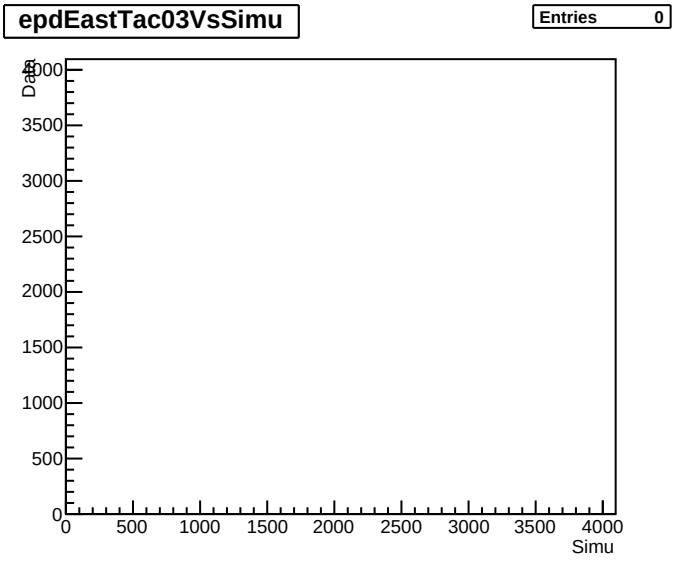
Entries 3083136
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3083136
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 385392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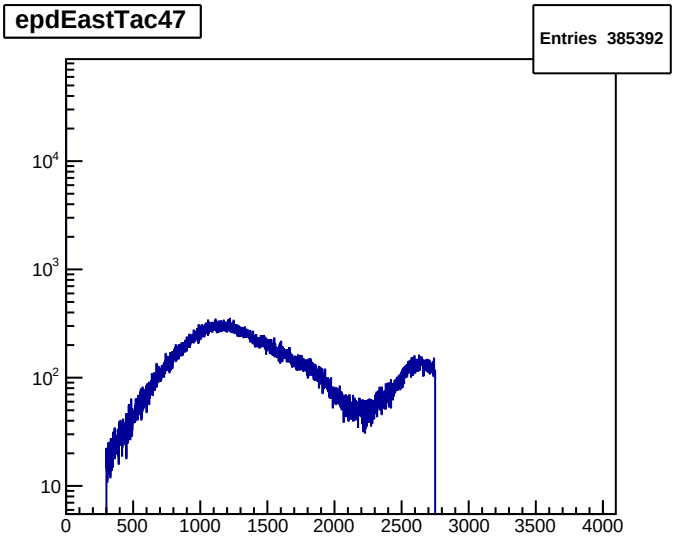
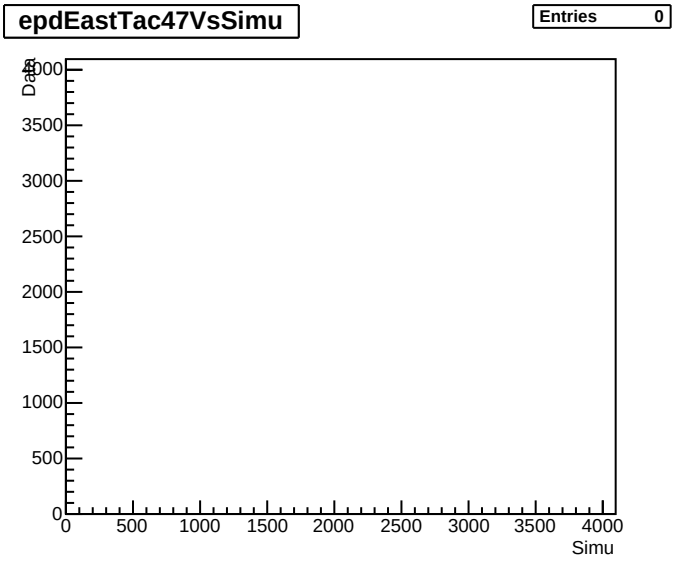
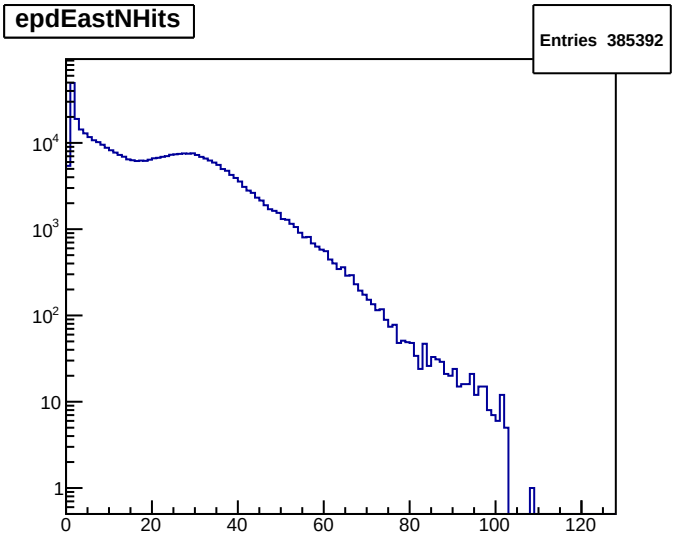
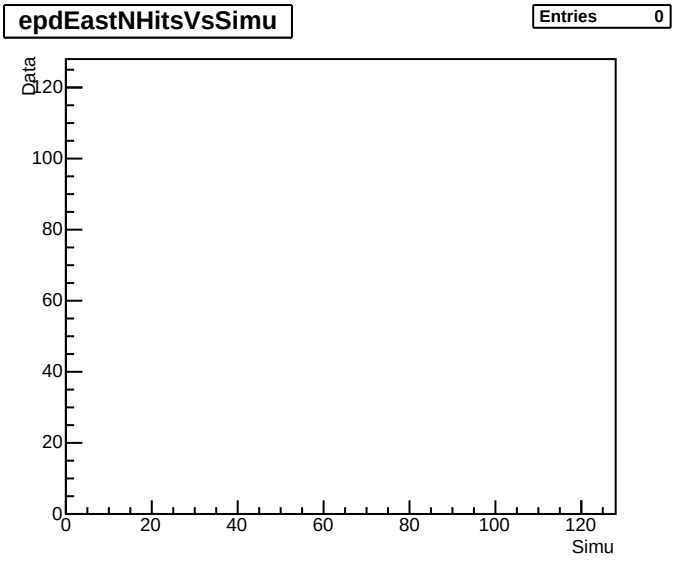
Entries 0
Data
Simu


epdEastTac47
Entries 385392


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 385392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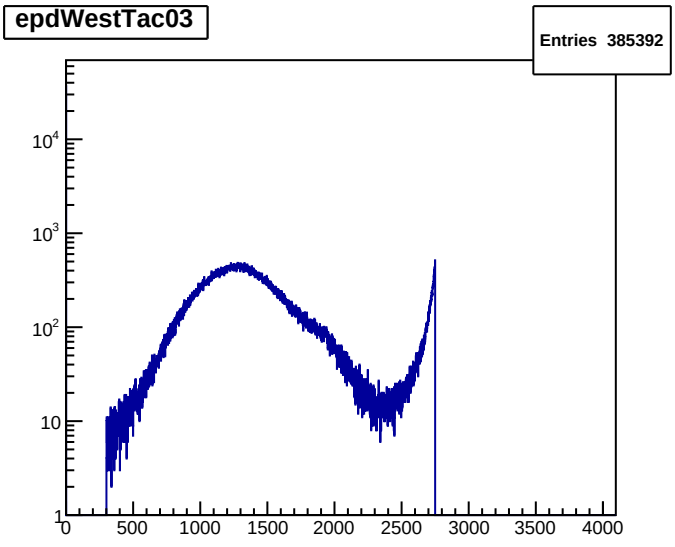
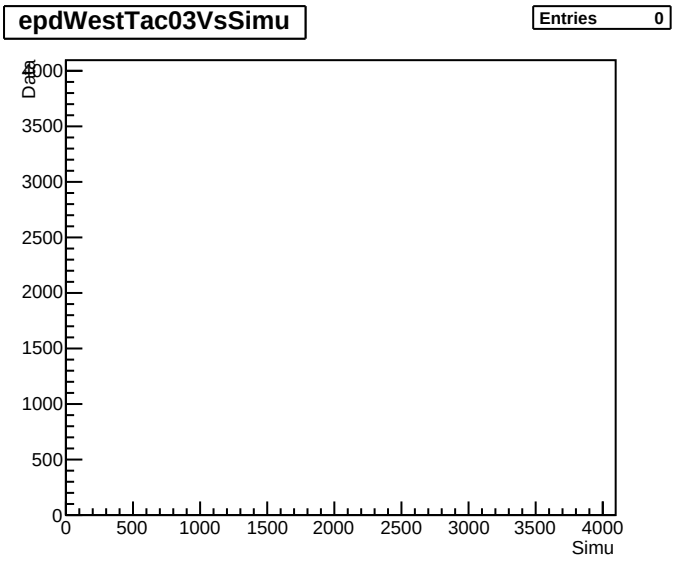
Entries 0
Data
Simu


epdWestTac03
Entries 385392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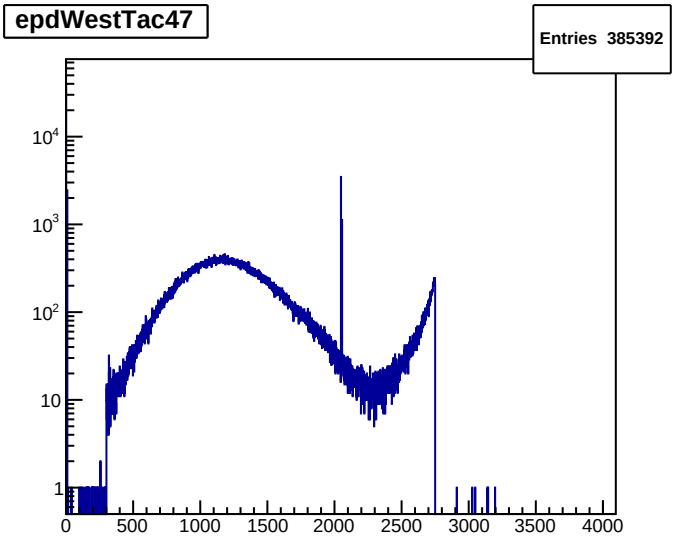
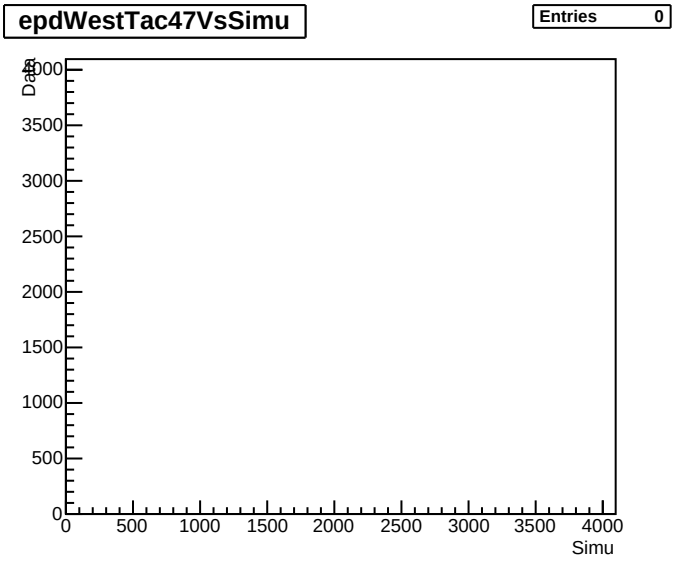
Entries 0
Data
Simu


epdWestTac47
Entries 385392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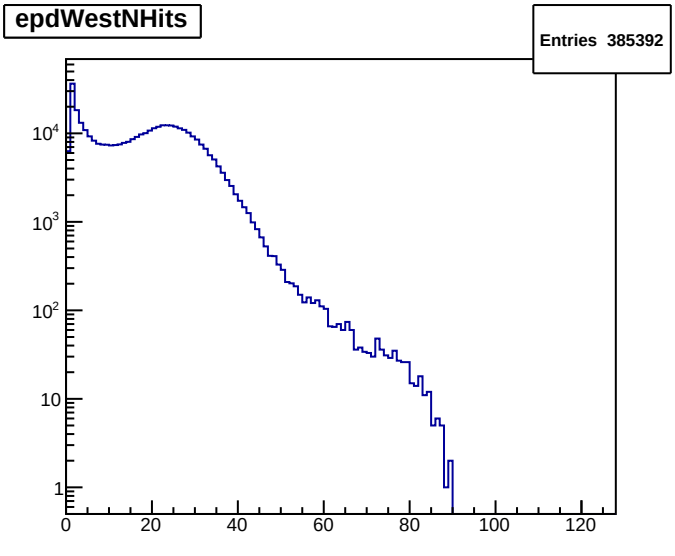
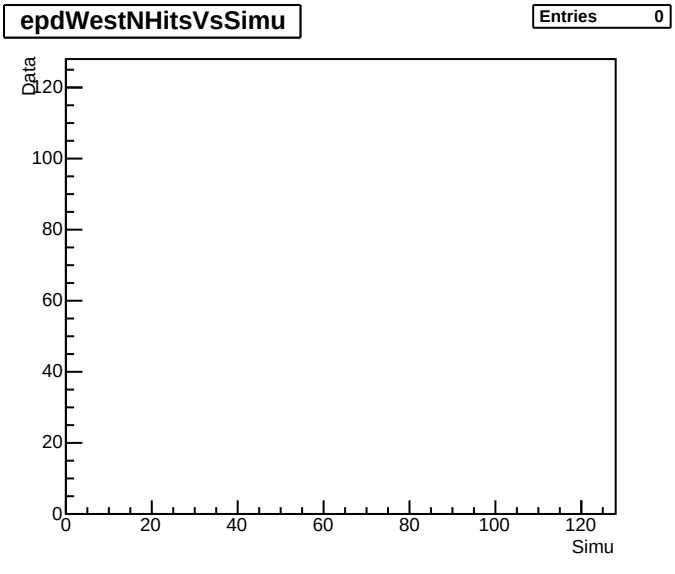
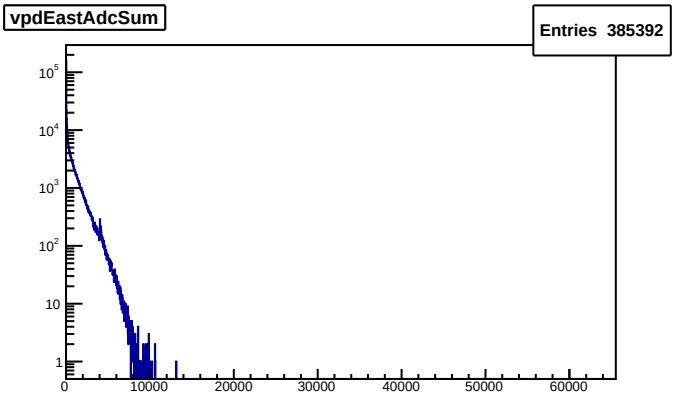
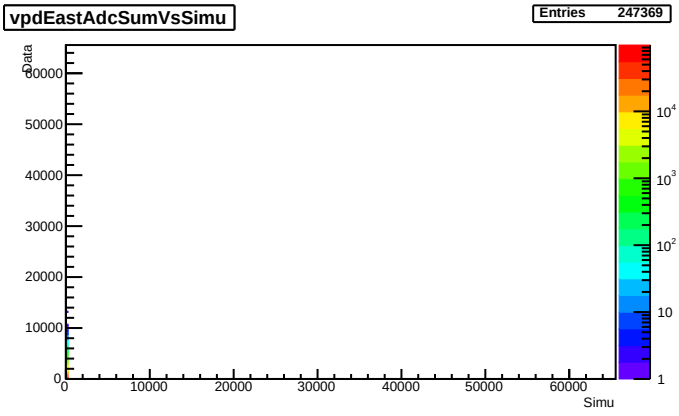
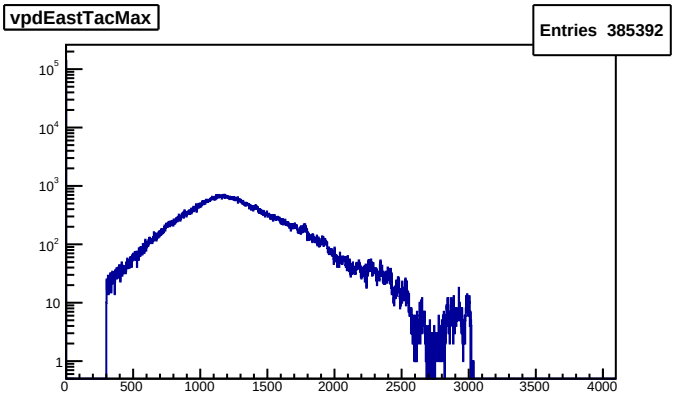
Entries 0
Data
Simu

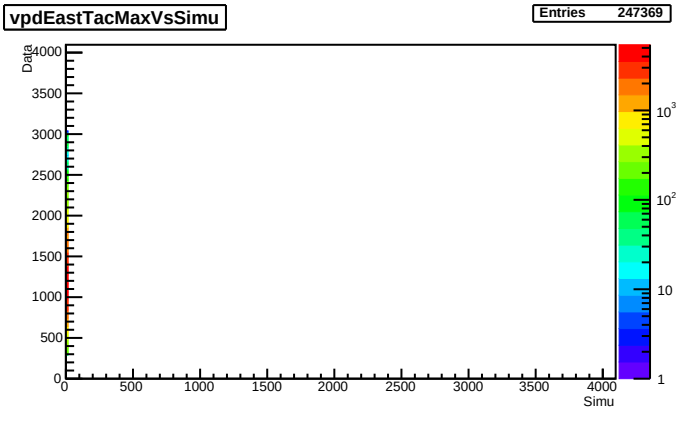

epdWestNHits
Entries 385392

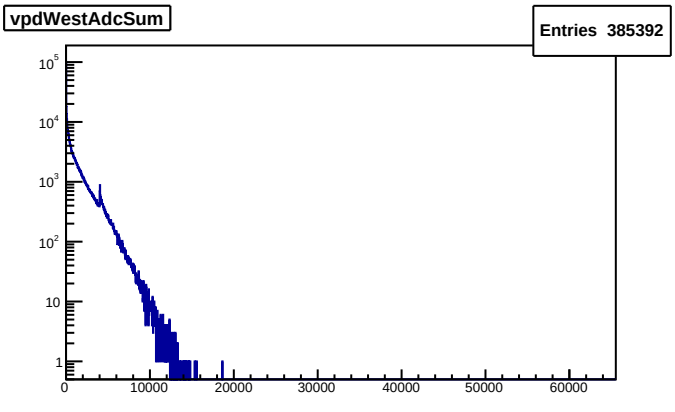

epdWestNHitsVsSimu
Entries 0
Data
Simu

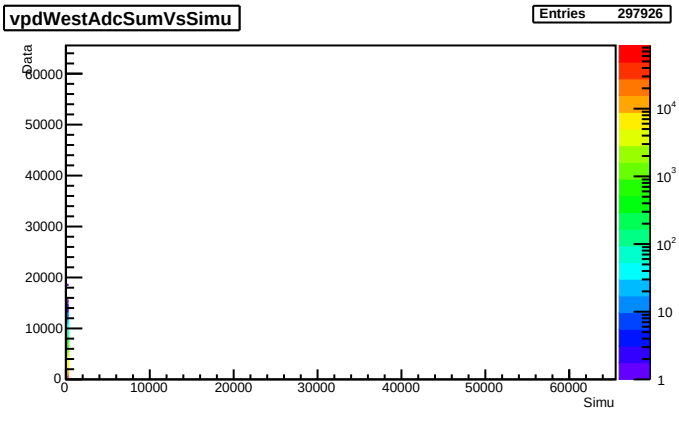

vpdEastAdcSum
Entries 385392

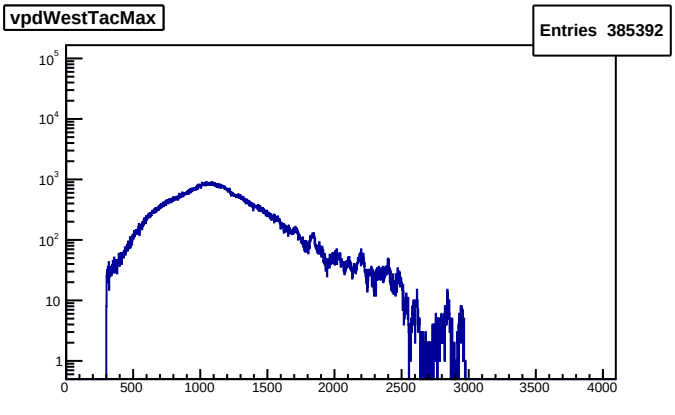

vpdEastAdcSumVsSimu
Entries 247369
Data
Simu

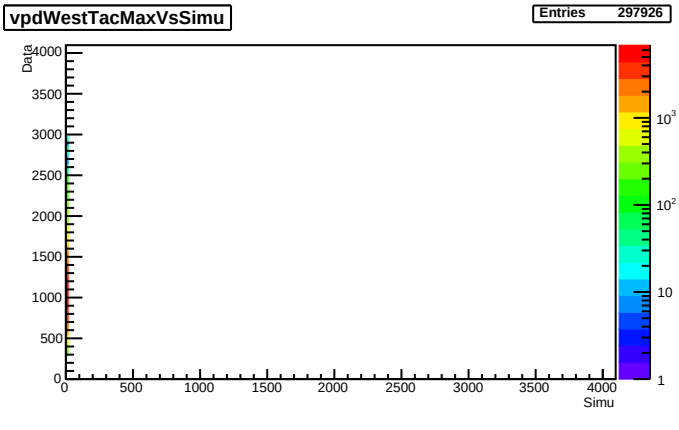

vpdEastTacMax
Entries 385392

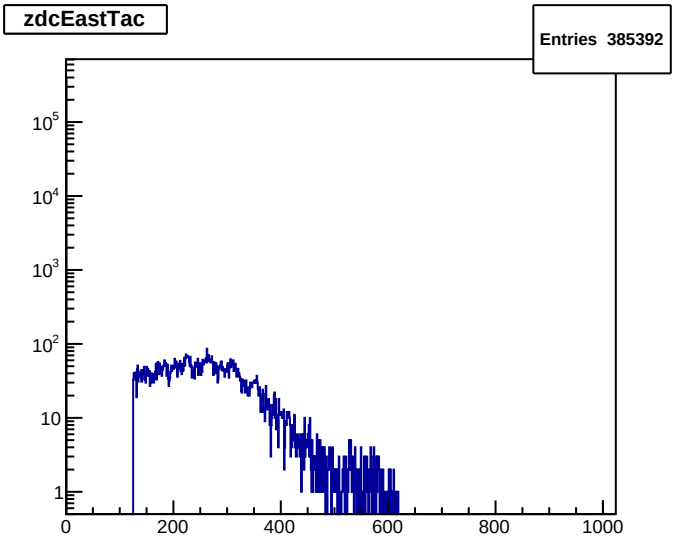

vpdEastTacMaxVsSimu
Entries 247369
Data
Simu

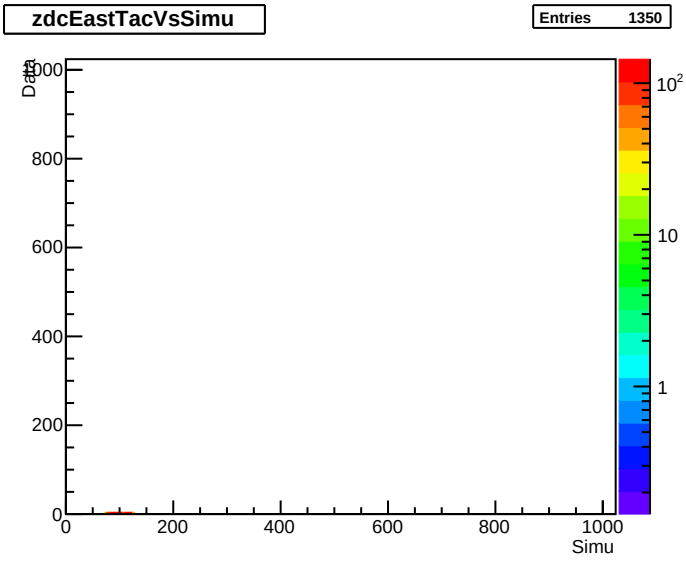

vpdWestAdcSum
Entries 385392

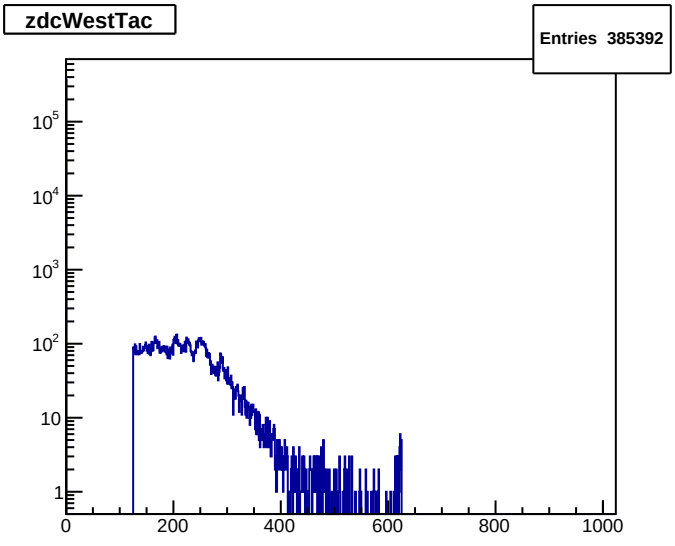

vpdWestAdcSumVsSimu
Entries 297926
Data
Simu

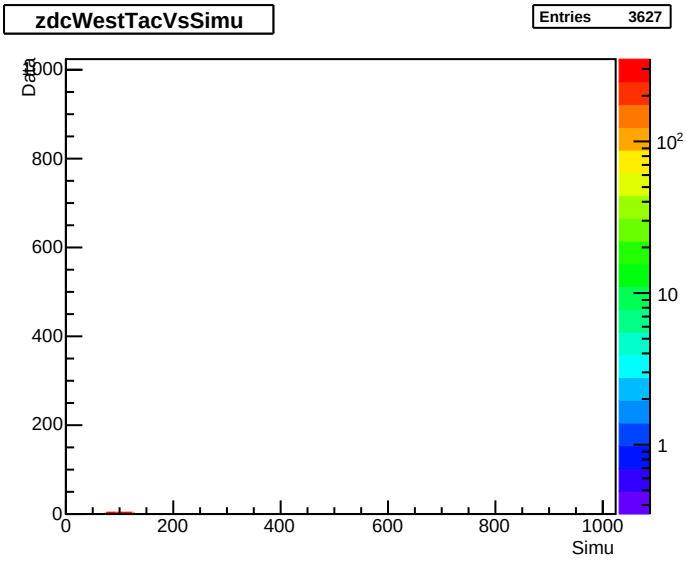

vpdWestTacMax
Entries 385392

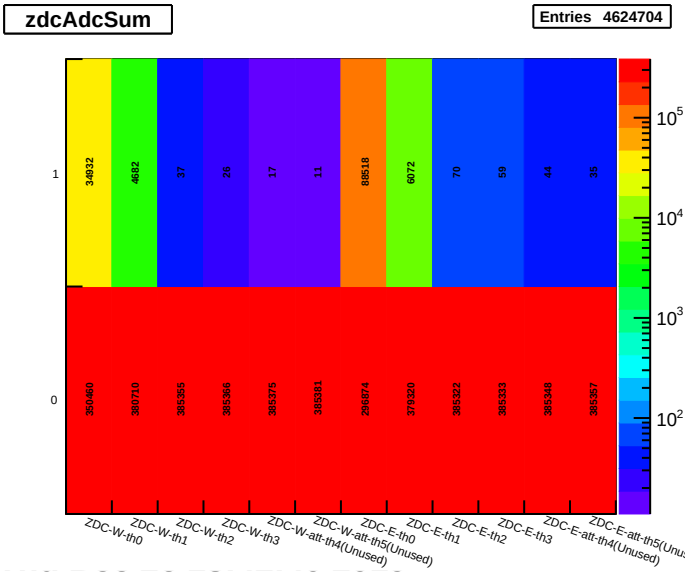

vpdWestTacMaxVsSimu
Entries 297926
Data
Simu

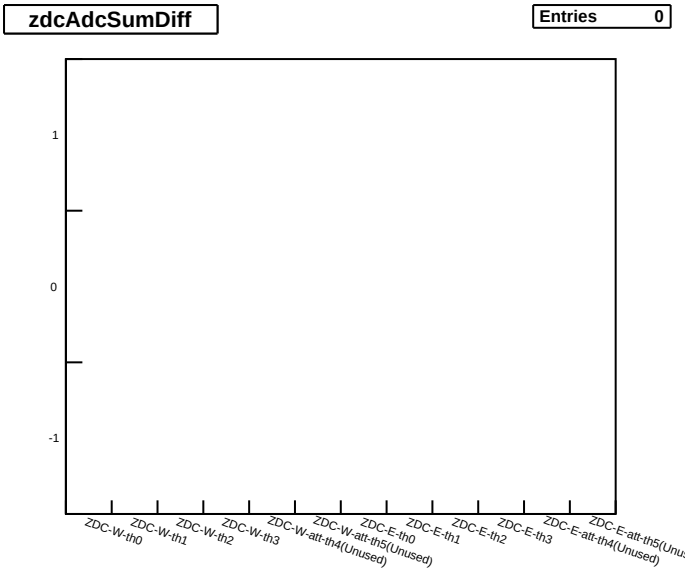

zdcEastTac
Entries 385392

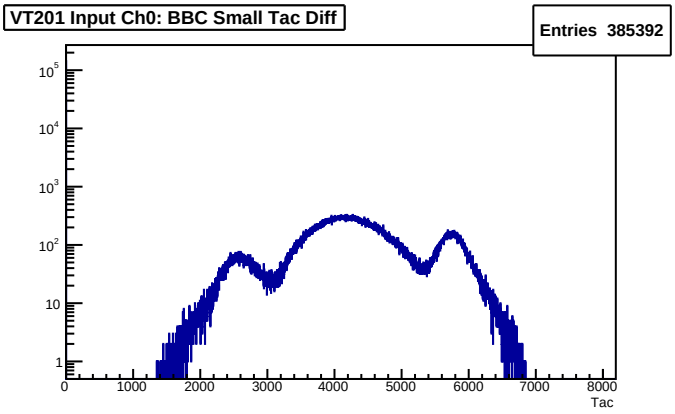

zdcEastTacVsSimu
Entries 1350
Data
Simu

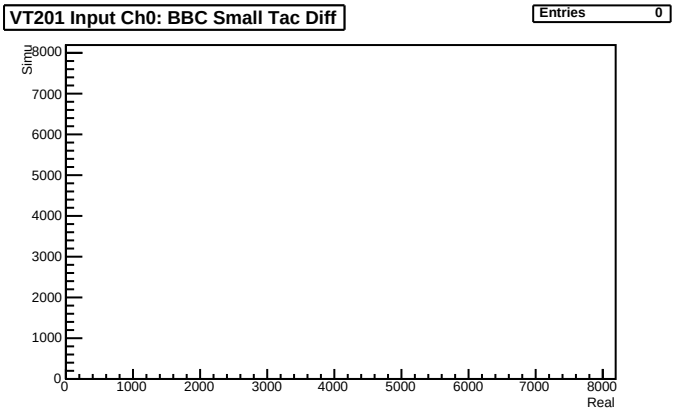

zdcWestTac
Entries 385392

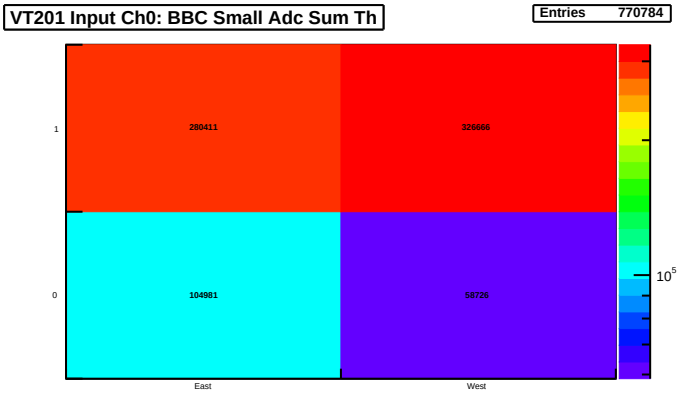

zdcWestTacVsSimu
Entries 3627
Data
Simu

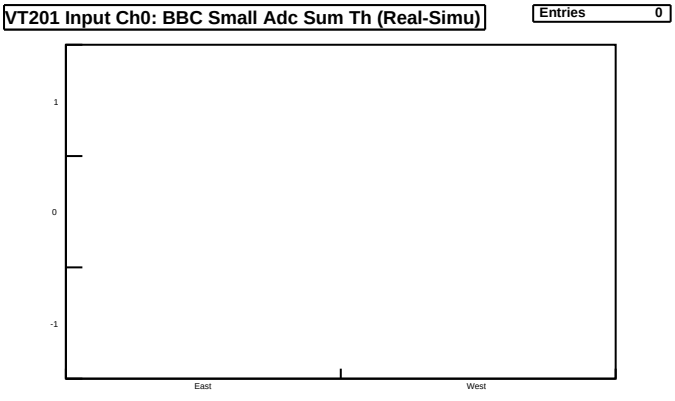

zdcAdcSum
Entries 4624704
34932
4682
37
26
17
11
88518
6072
70
59
44
35
350460
380710
385355
385366
385375
385381
296874
379320
385322
385333
385348
385357
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

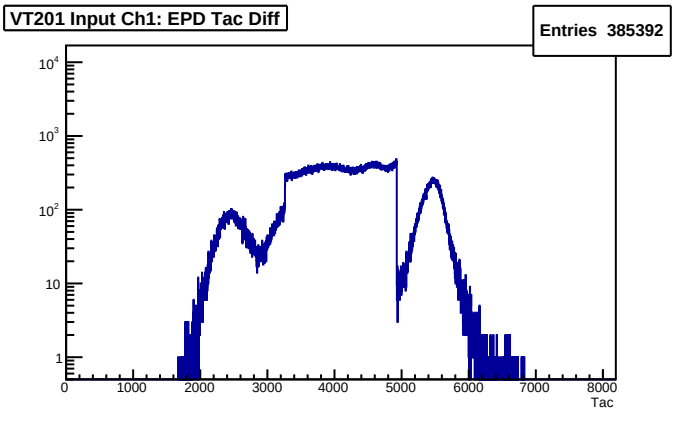

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

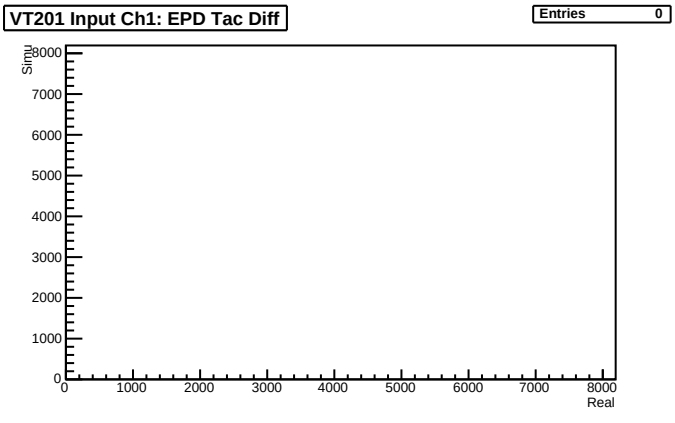

VT201 Input Ch0: BBC Small Tac Diff
Entries 385392
Tac

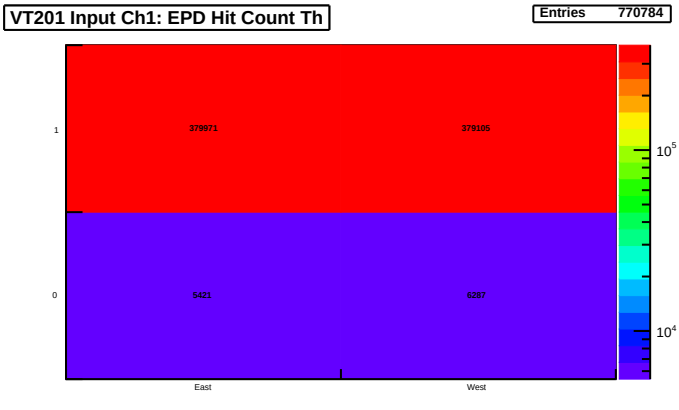

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

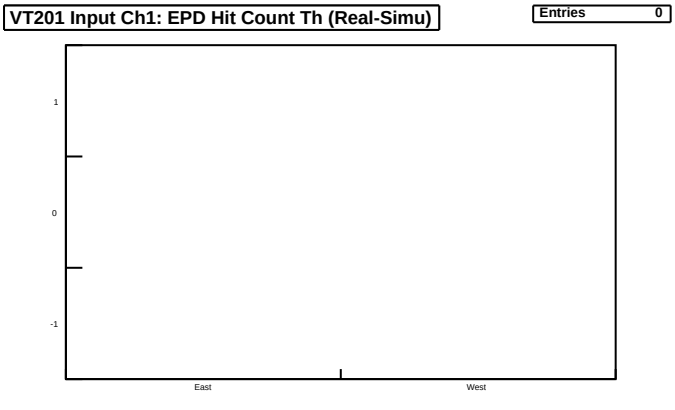

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 770784
280411
326666
104981
58726
East
West

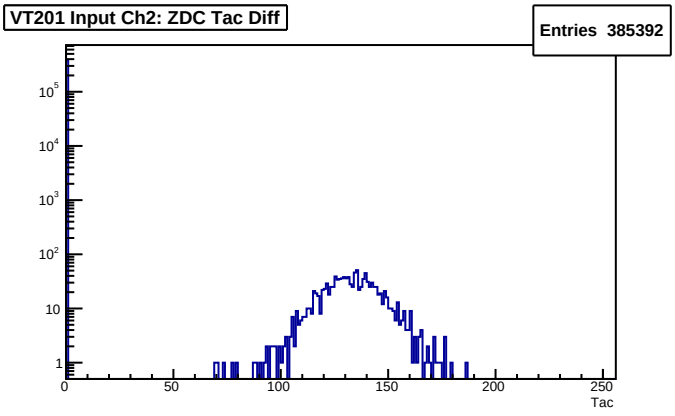

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

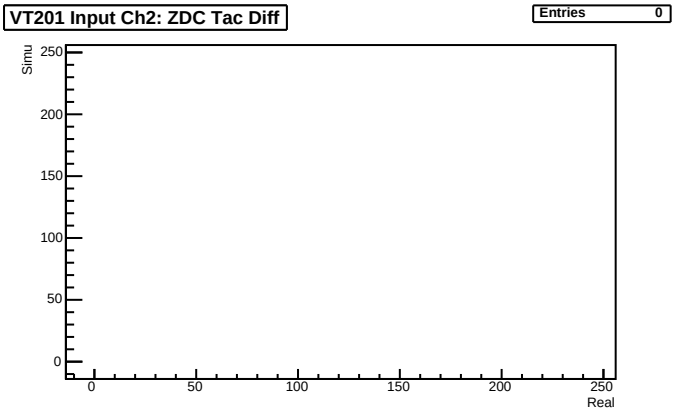

VT201 Input Ch1: EPD Tac Diff
Entries 385392
Tac

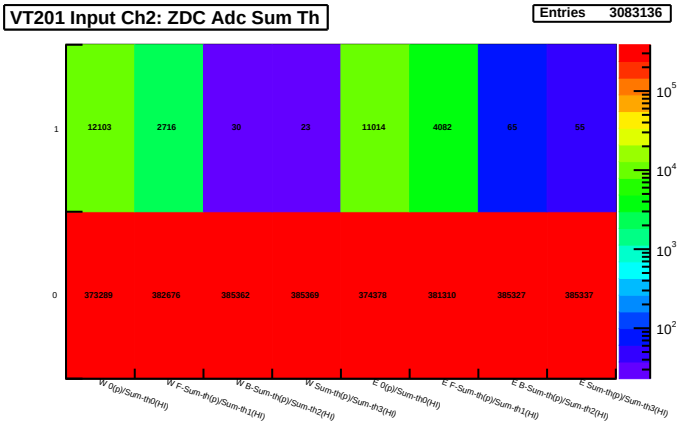

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

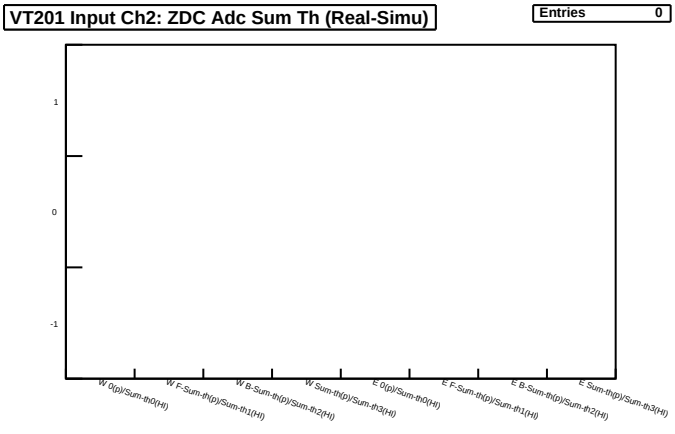

VT201 Input Ch1: EPD Hit Count Th
Entries 770784
379971
379105
5421
6287
East
West

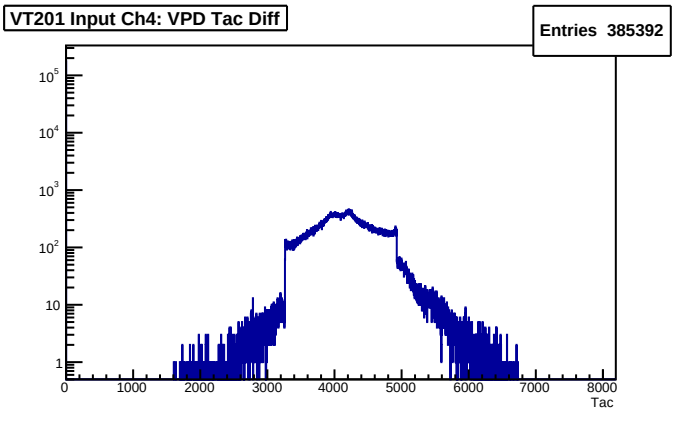

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

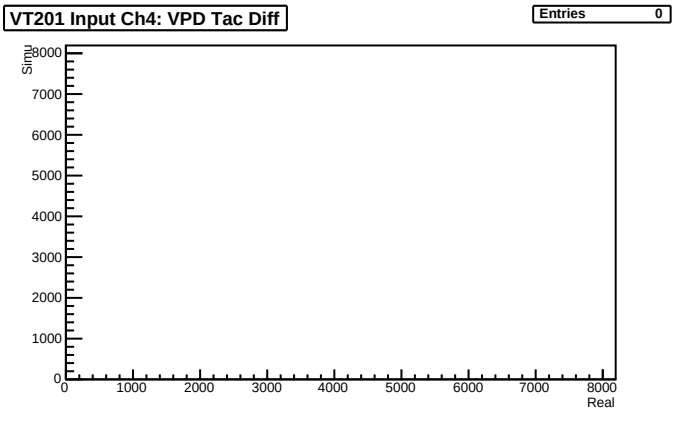

VT201 Input Ch2: ZDC Tac Diff
Entries 385392
Tac

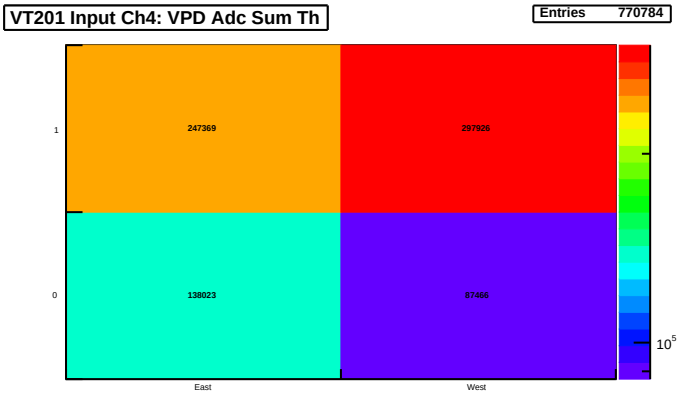

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

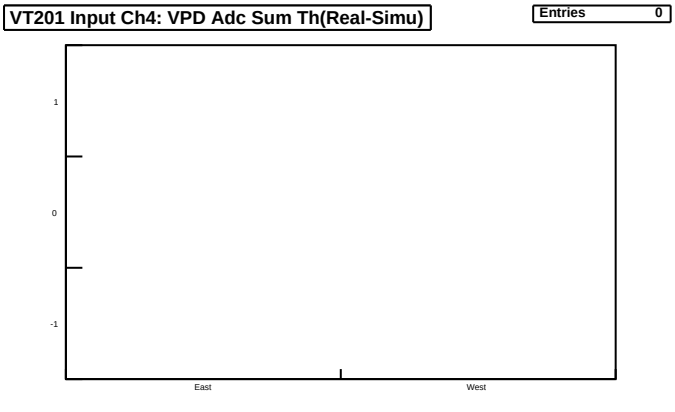

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3083136
12103
2716
30
23
11014
4082
65
55
373289
382676
385362
385369
374378
381310
385327
385337
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

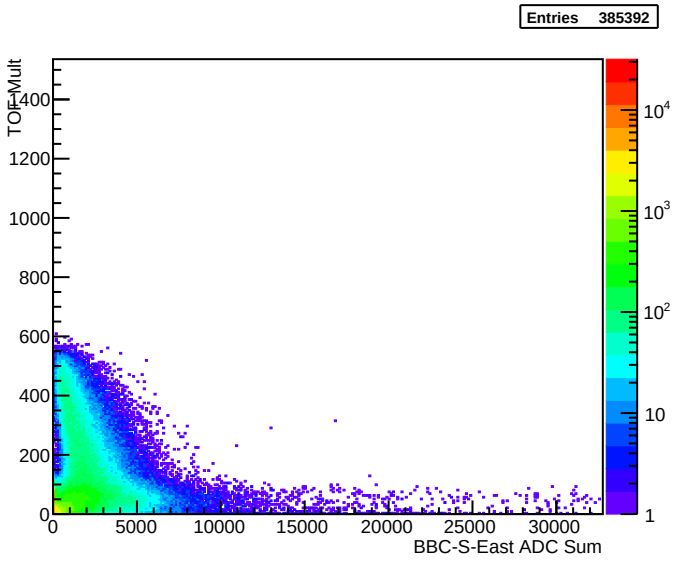

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

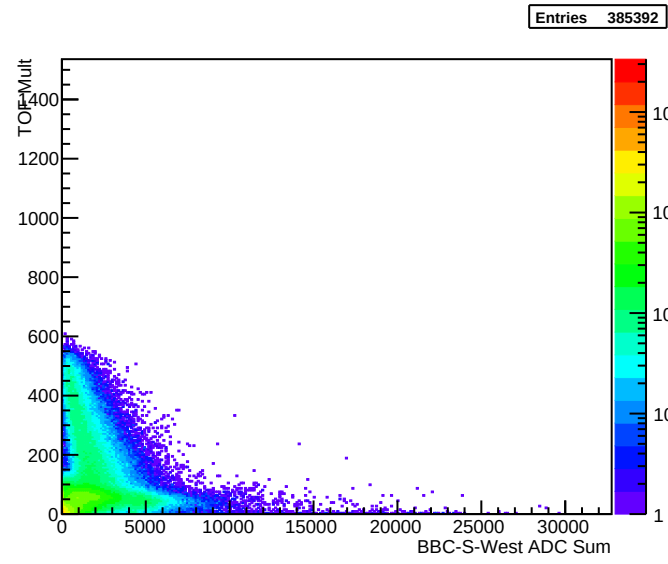

VT201 Input Ch4: VPD Tac Diff
Entries 385392
Tac

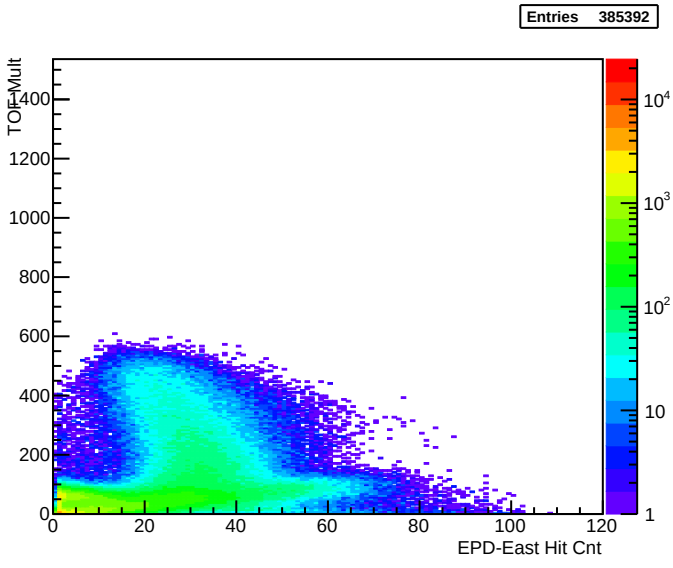

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

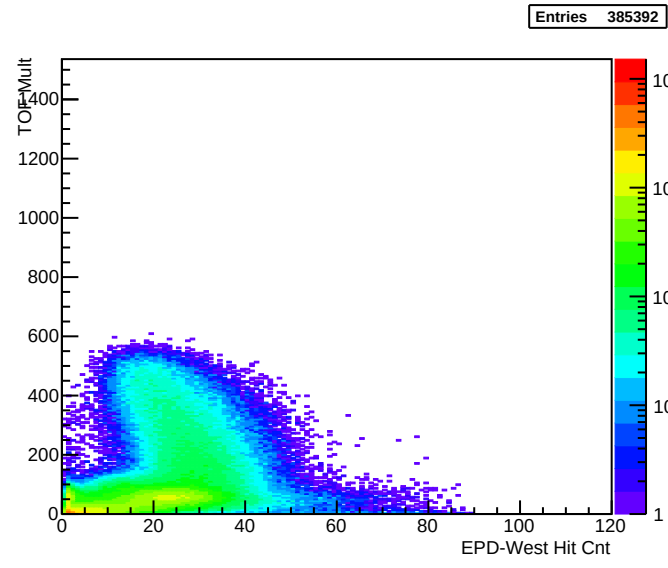

VT201 Input Ch4: VPD Adc Sum Th
Entries 770784
247369
297926
138023
87466
East
West

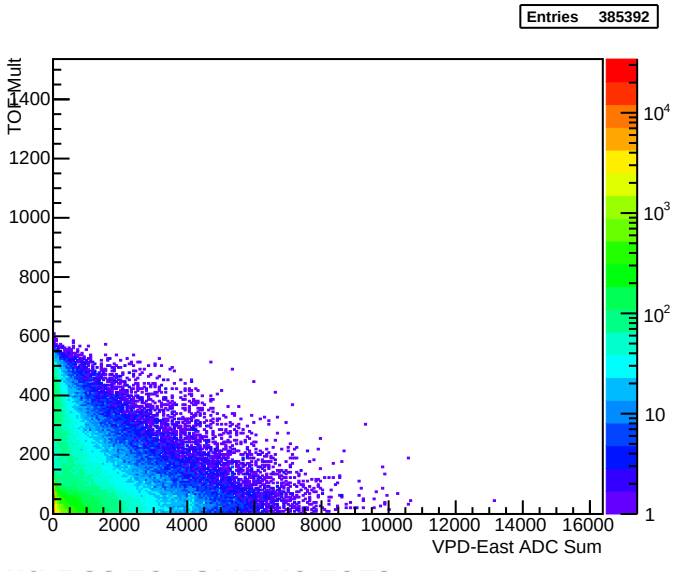

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

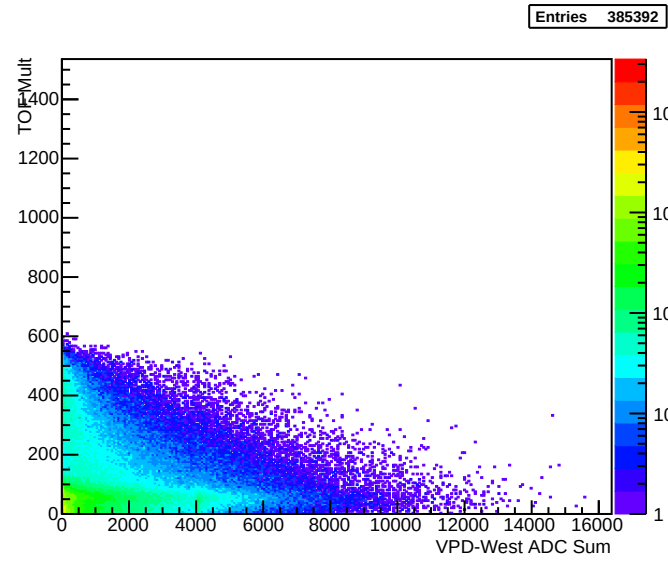

Entries 385392
TOF-Mult
BBC-S-East ADC Sum

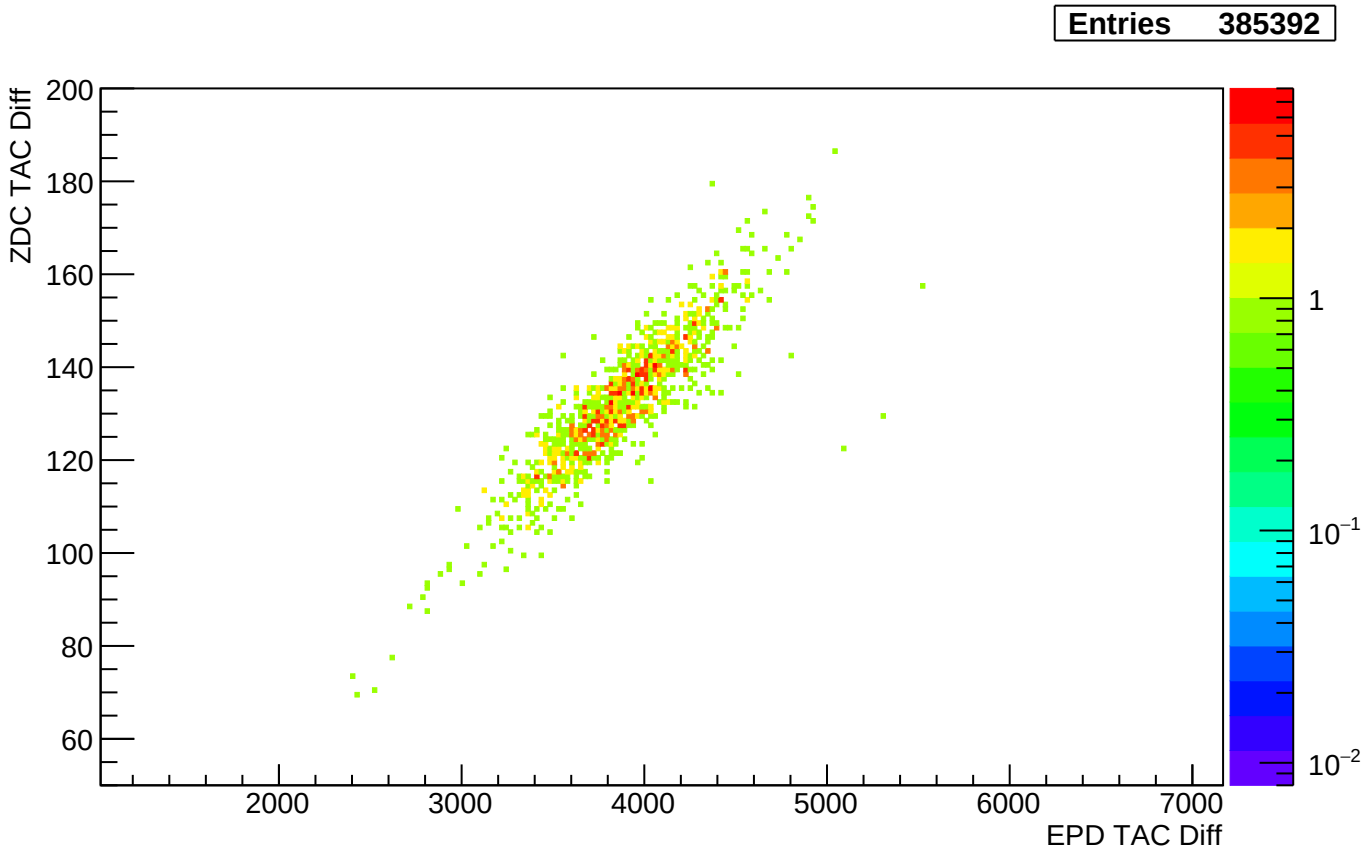

Entries 385392
TOF-Mult
BBC-S-West ADC Sum

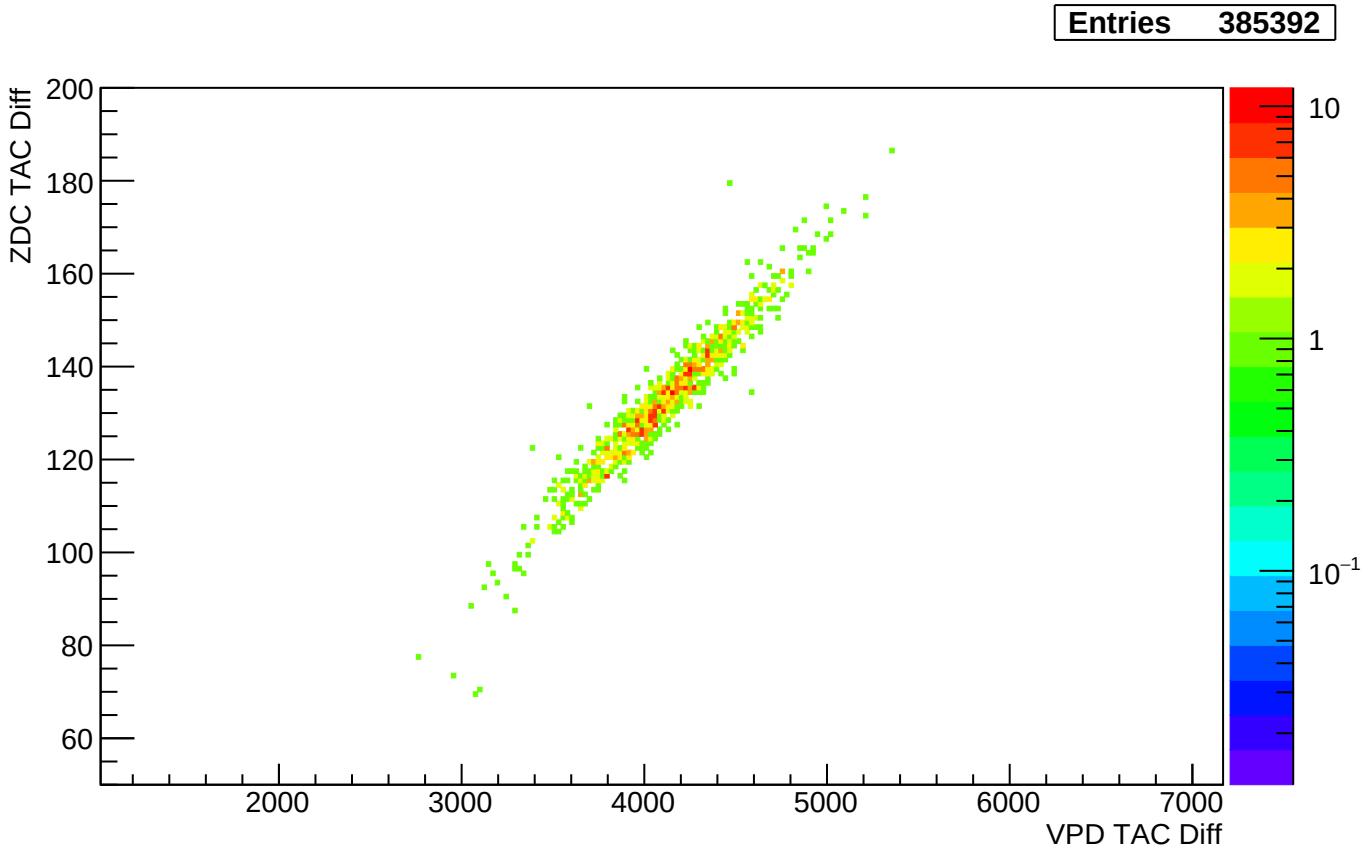

Entries 385392
TOF-Mult
EPD-East Hit Cnt

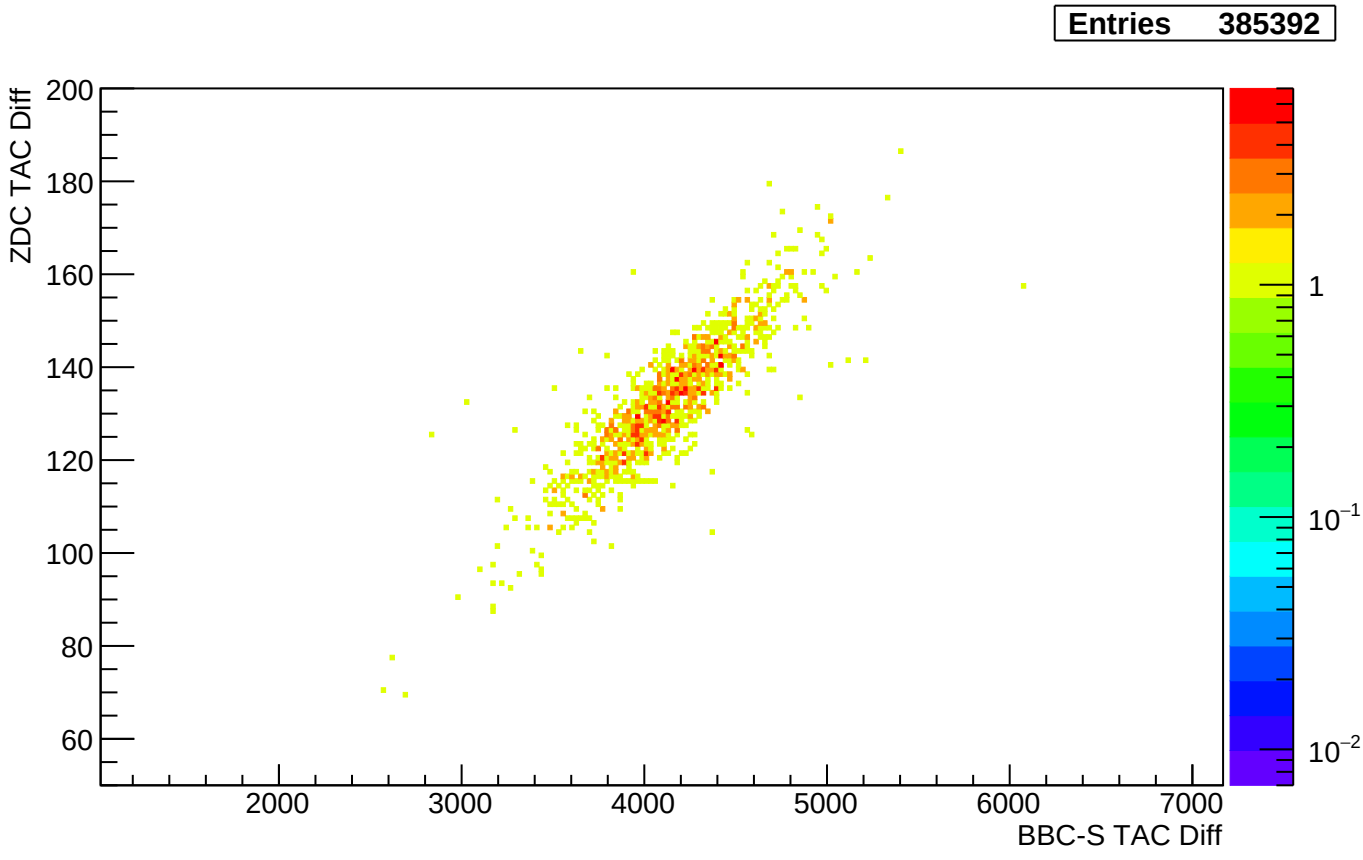

Entries 385392
TOF-Mult
EPD-West Hit Cnt

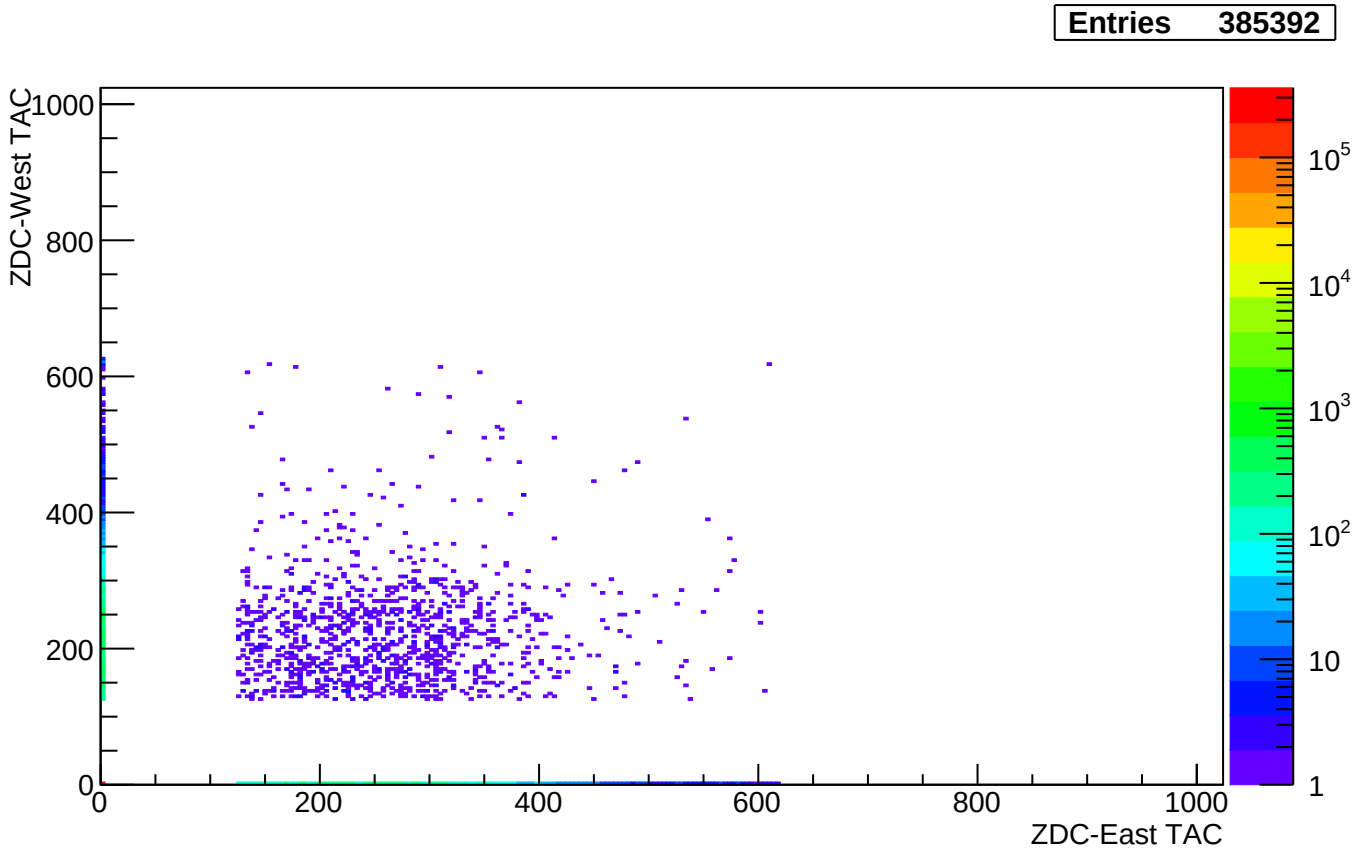

Entries 385392
TOF-Mult
VPD-East ADC Sum

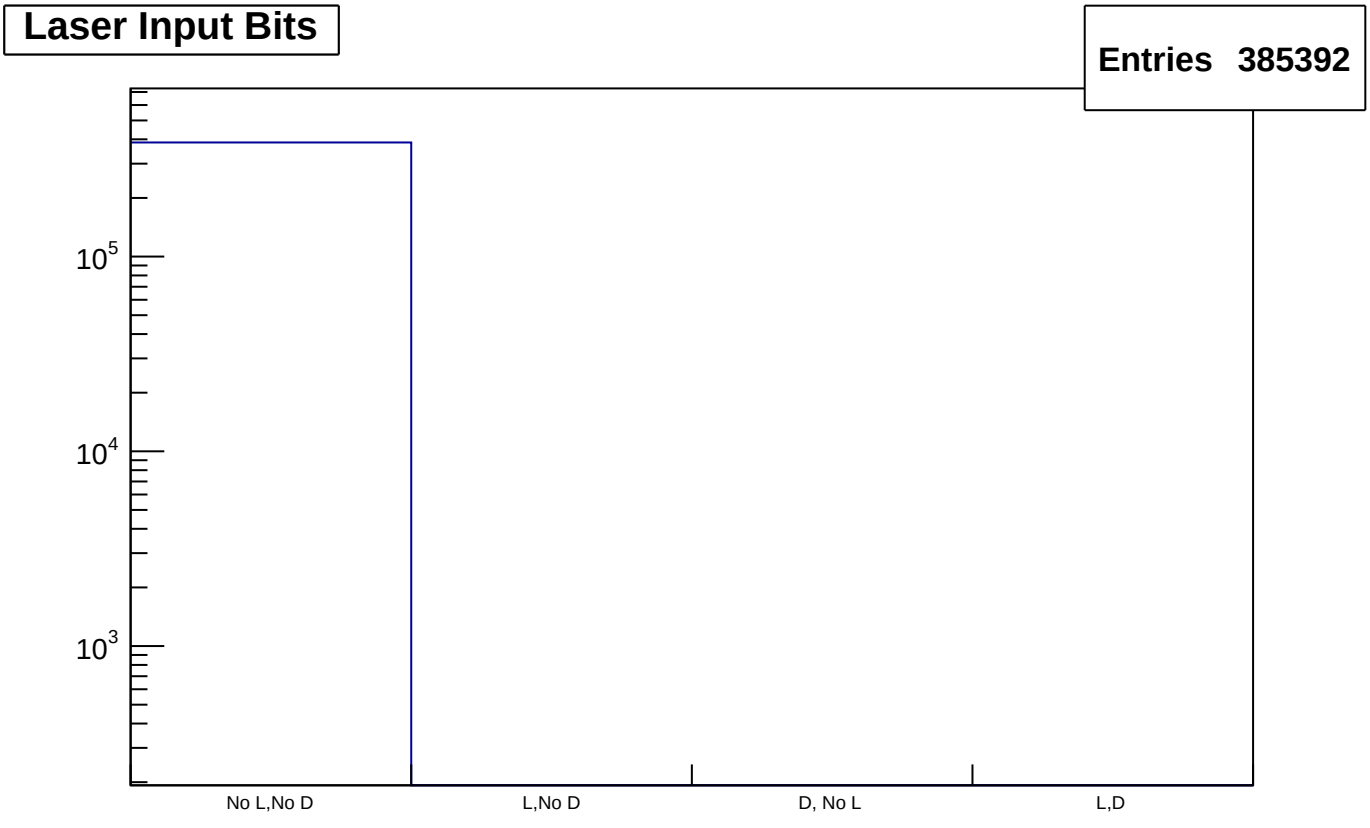

Entries 385392
TOF-Mult
VPD-West ADC Sum

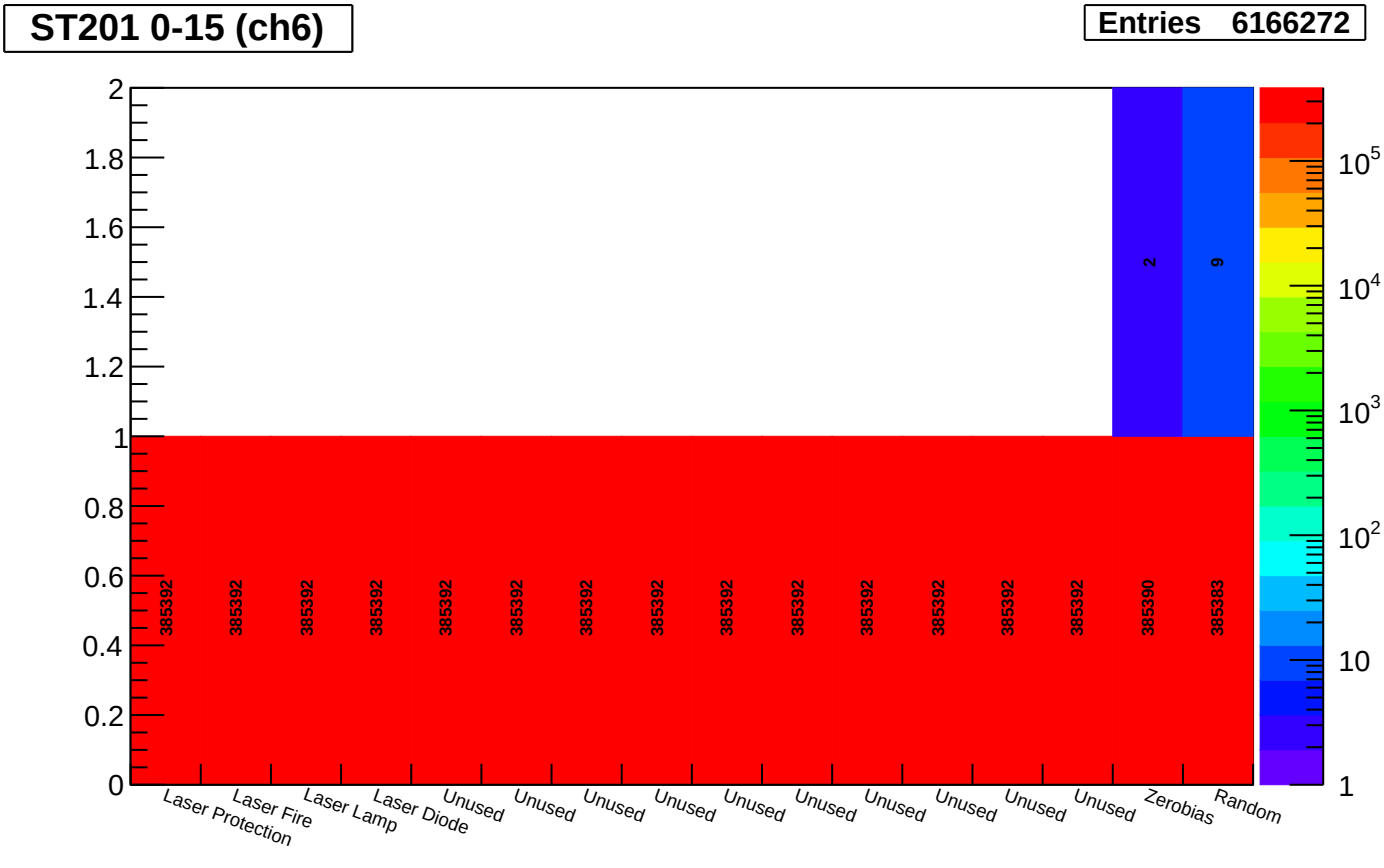

Entries 385392
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

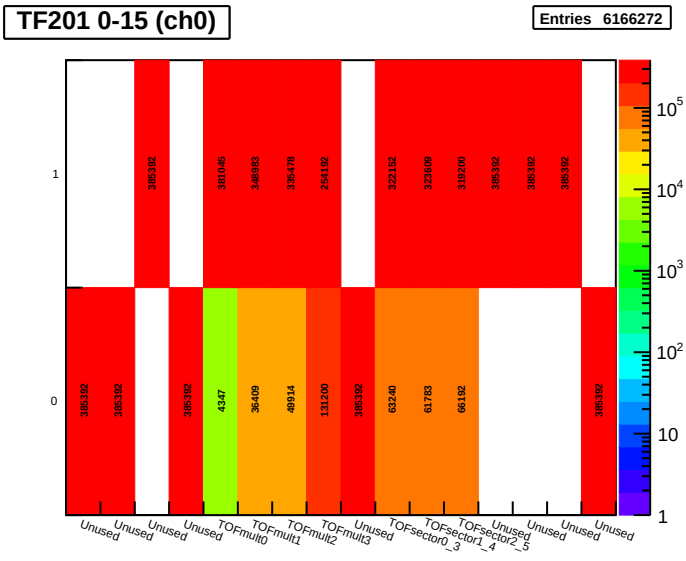

Entries 385392
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

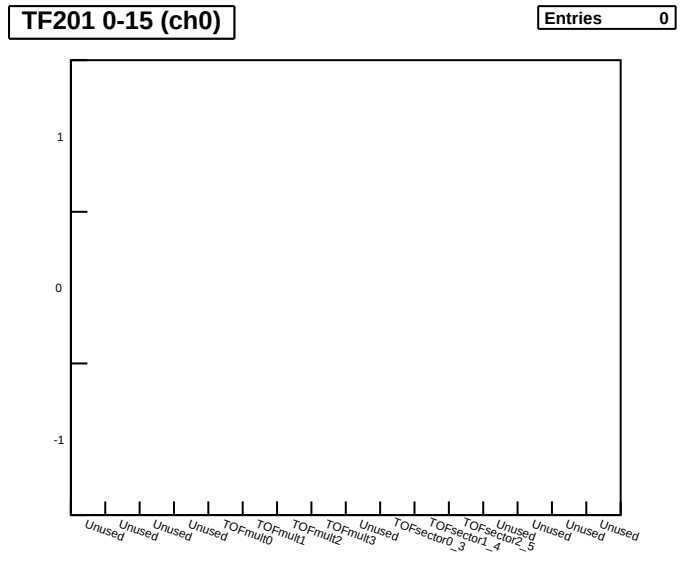

Entries 385392
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

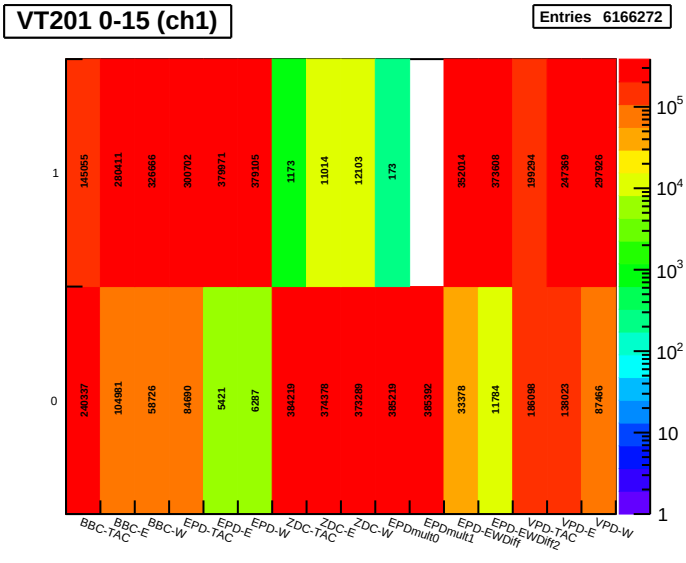

Entries 385392
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

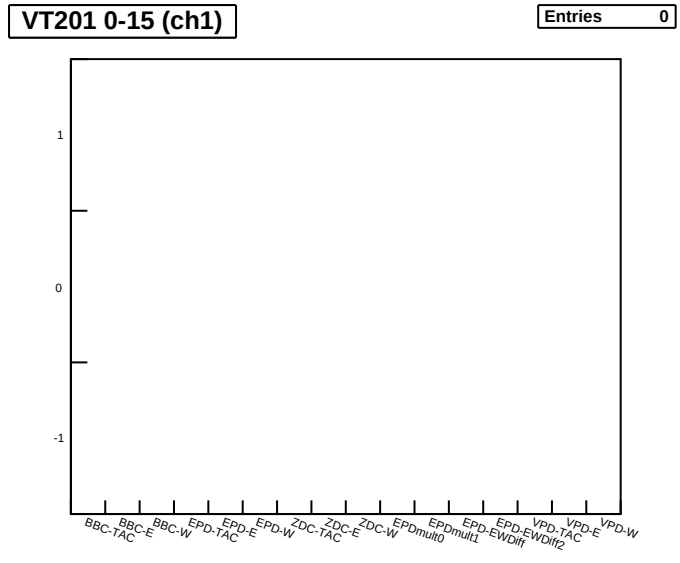

Laser Input Bits
Entries 385392
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

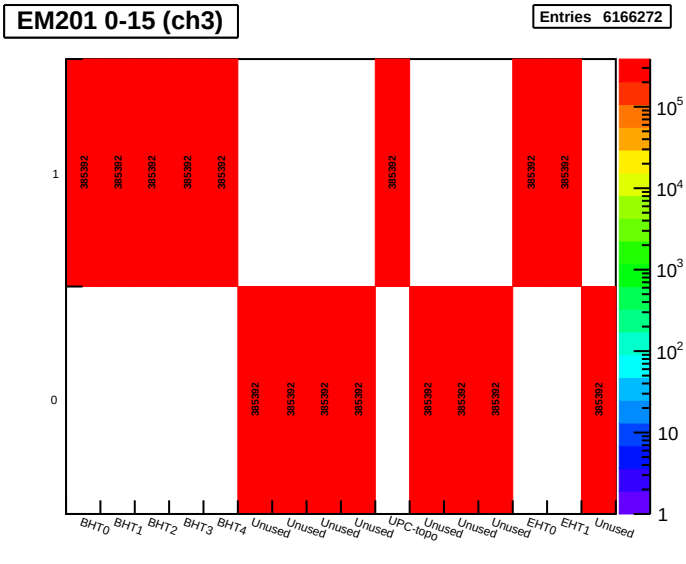

ST201 0-15 (ch6)
Entries 6166272
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
385392
385392
385392
385392
385392
385392
385392
385392
385392
385392
385392
385392
385392
385392
385390
385383
2
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

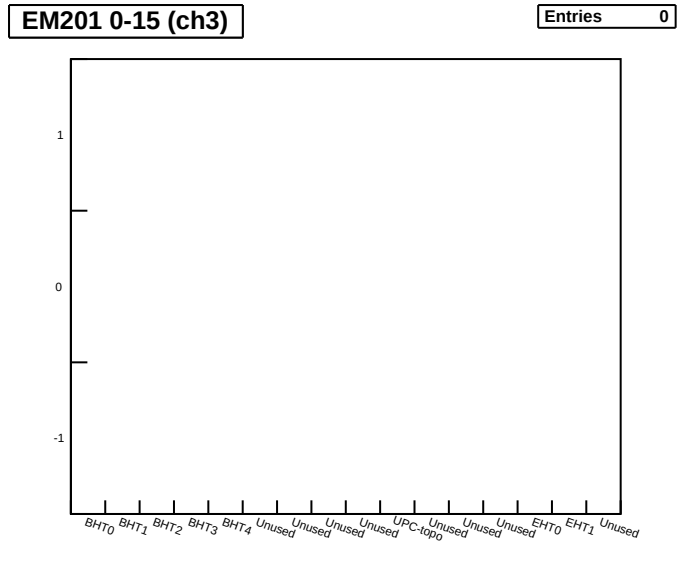

TF201 0-15 (ch0)
Entries 6166272
1
0
385392
381045
348983
335478
254192
322152
323609
319200
385392
385392
385392
385392
385392
385392
4347
36409
49914
131200
385392
63240
61783
66192
385392
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 6166272
1
0
145055
280411
326656
300702
379971
379105
1173
11014
12103
173
352014
373608
199294
247369
297926
240337
104981
58726
84690
5421
6287
384219
374378
373289
385219
385392
33378
11784
186098
138023
87466
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 6166272
1
0
385392
385392
385392
385392
385392
385392
385392
385392
385392
385392
385392
385392
385392
385392
385392
385392
385392
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