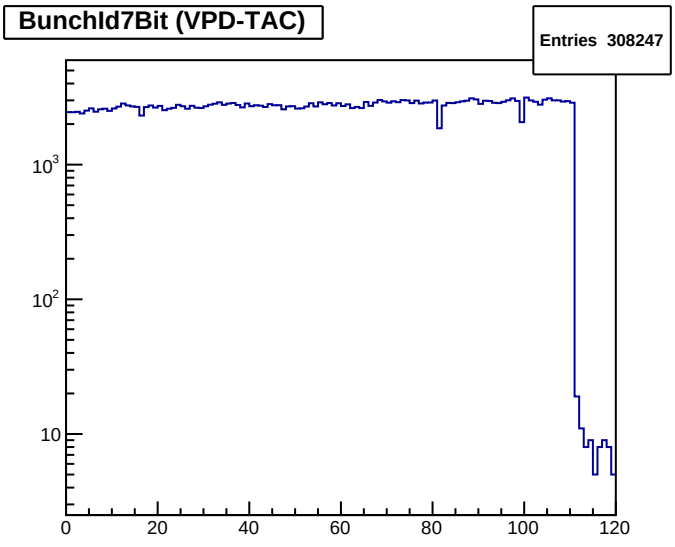
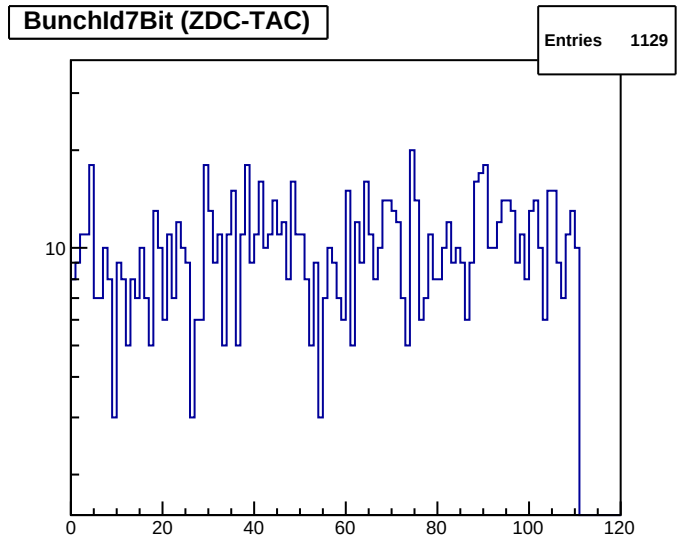
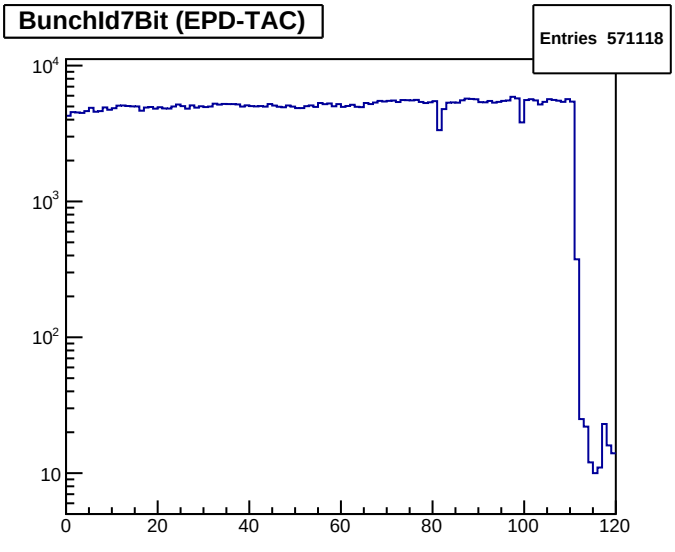
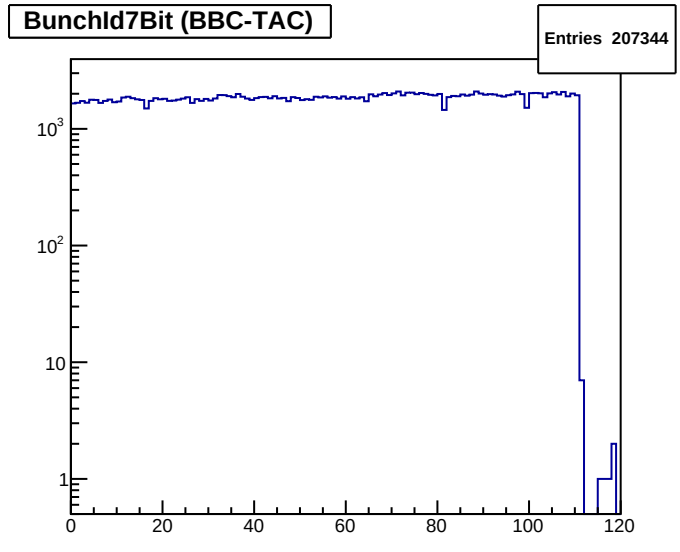
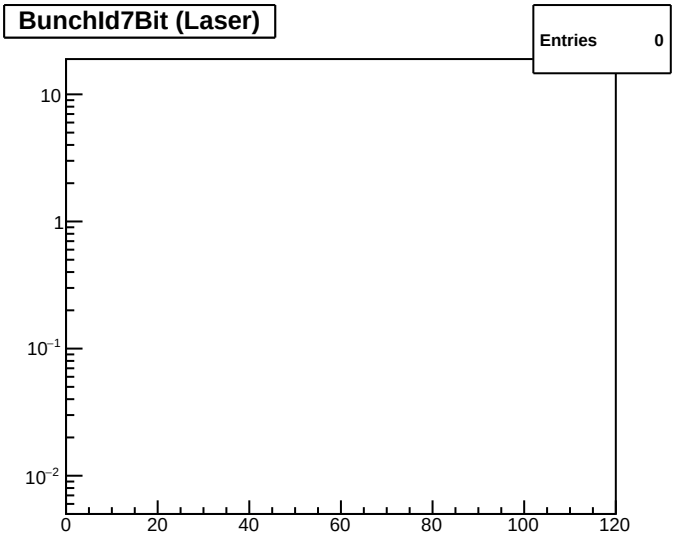
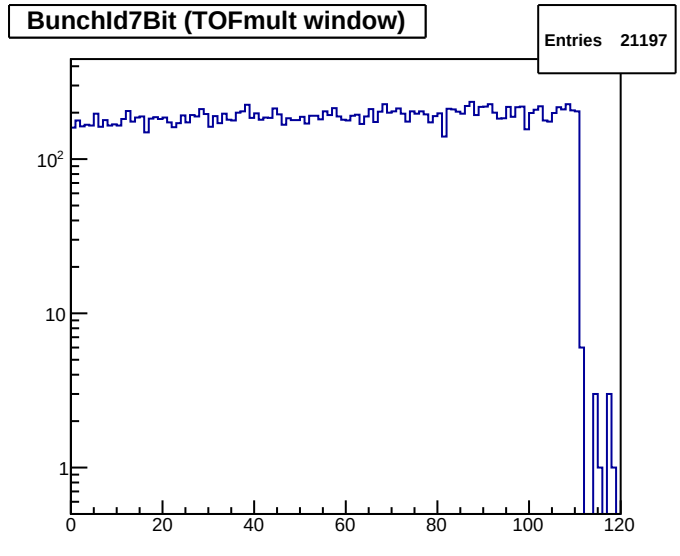

BunchId7Bit (VPD-TAC)
Entries 308247

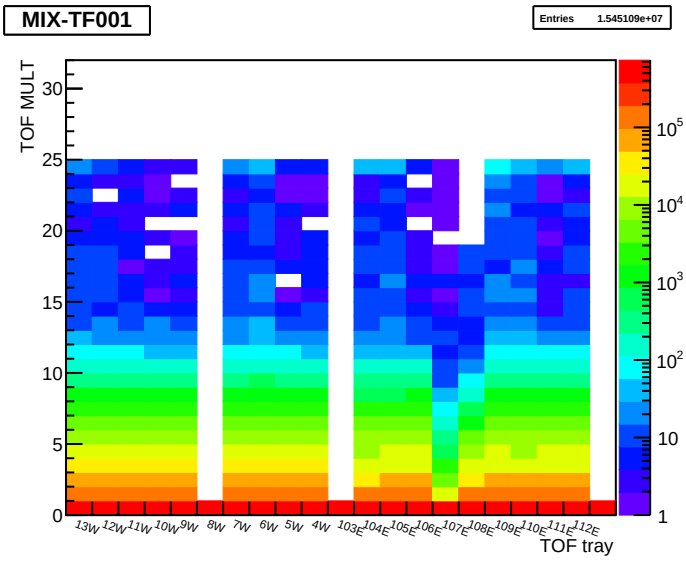

BunchId7Bit (ZDC-TAC)
Entries 1129

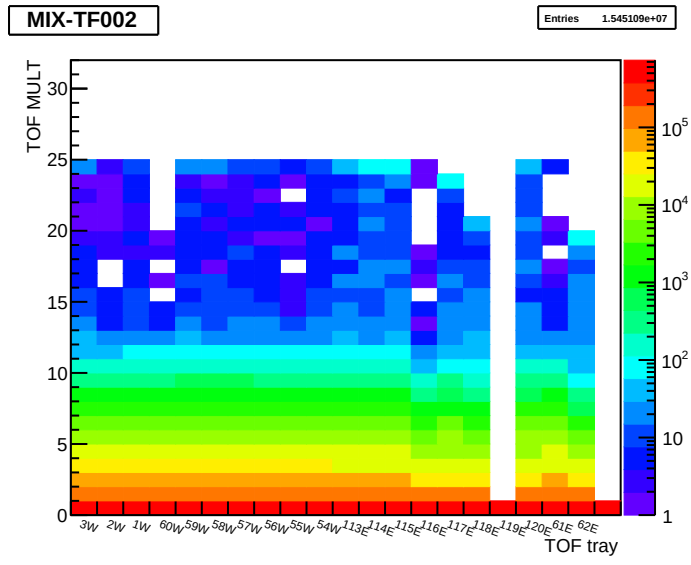

BunchId7Bit (EPD-TAC)
Entries 571118

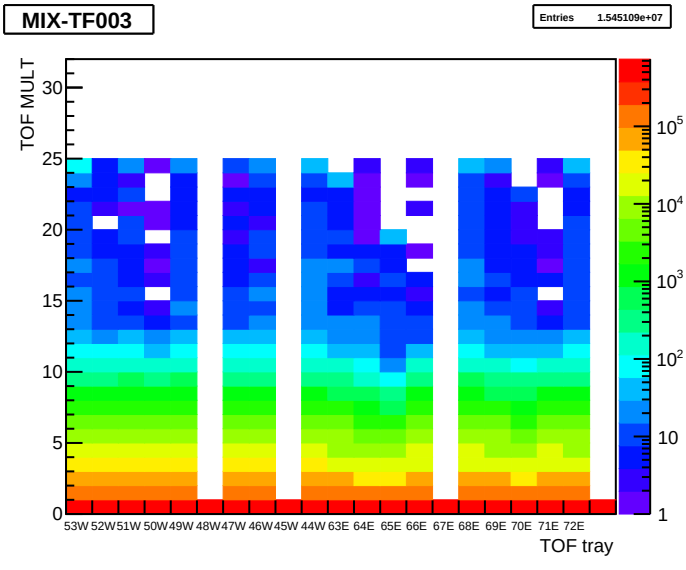

BunchId7Bit (BBC-TAC)
Entries 207344

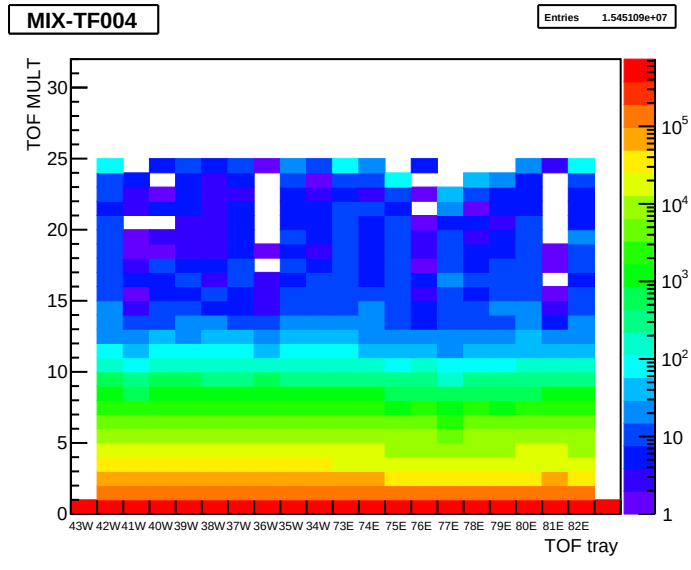

BunchId7Bit (Laser)
Entries 0

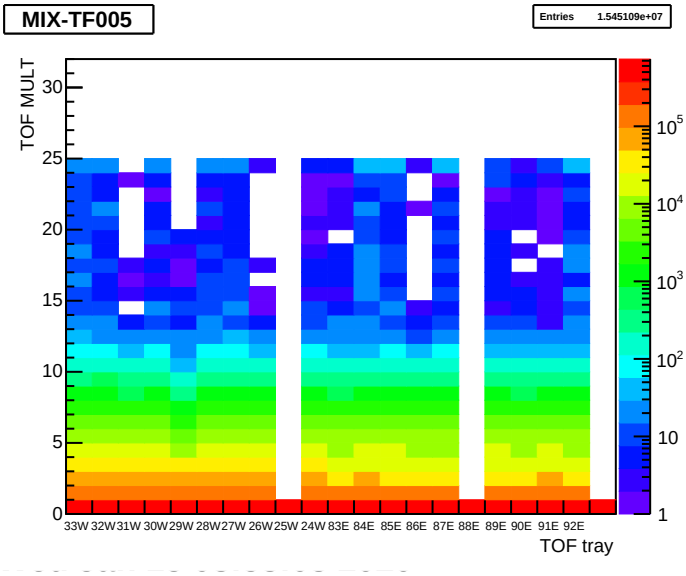

BunchId7Bit (TOFmult window)
Entries 21197

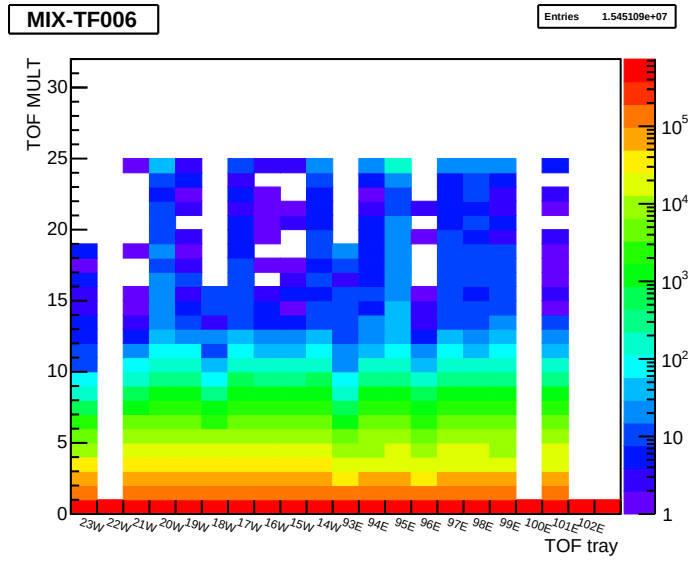

MIX-TF001
Entries 1.545109e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

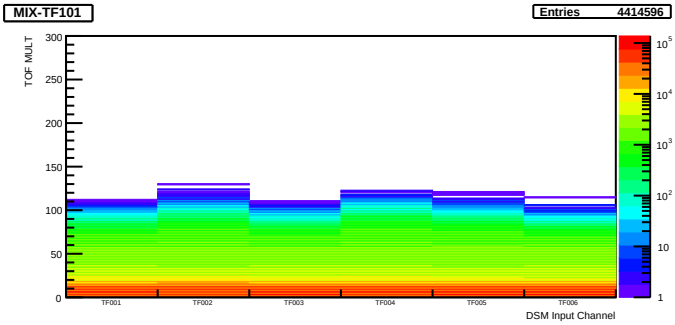

MIX-TF002
Entries 1.545109e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

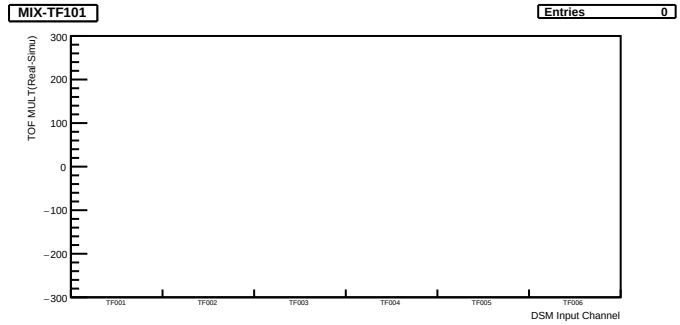

MIX-TF003
Entries 1.545109e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

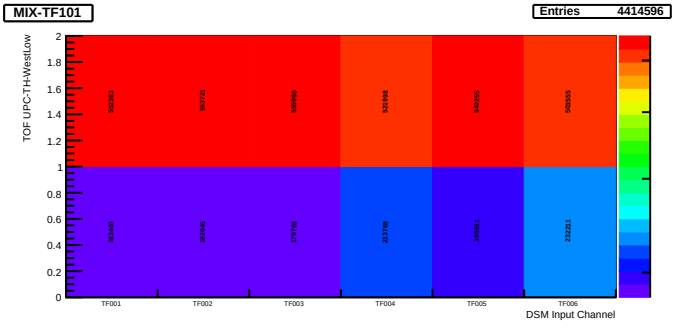

MIX-TF004
Entries 1.545109e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

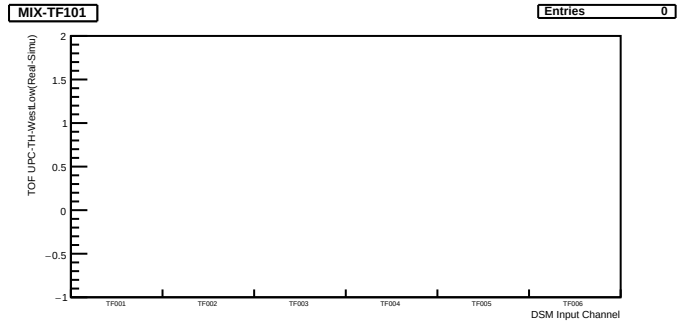

MIX-TF005
Entries 1.545109e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

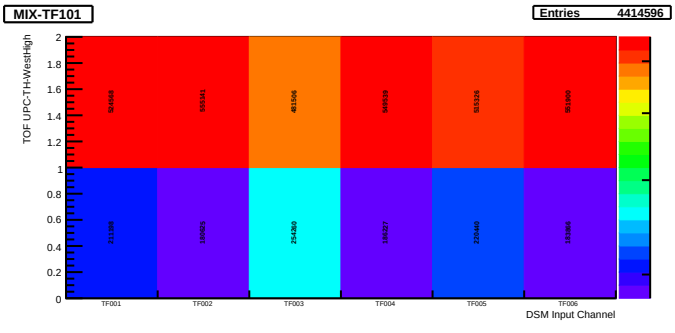

MIX-TF006
Entries 1.545109e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

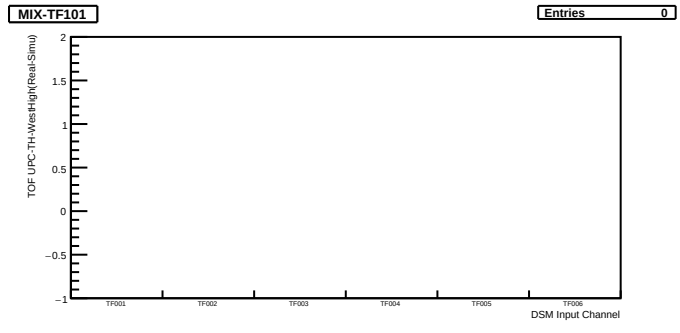

MIX-TF101
Entries 4414596
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

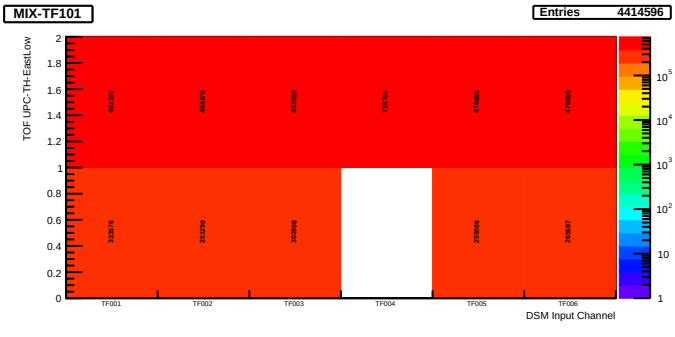

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

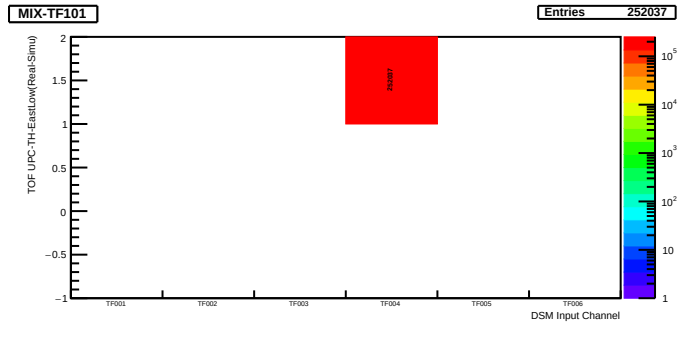

MIX-TF101
Entries 4414596
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

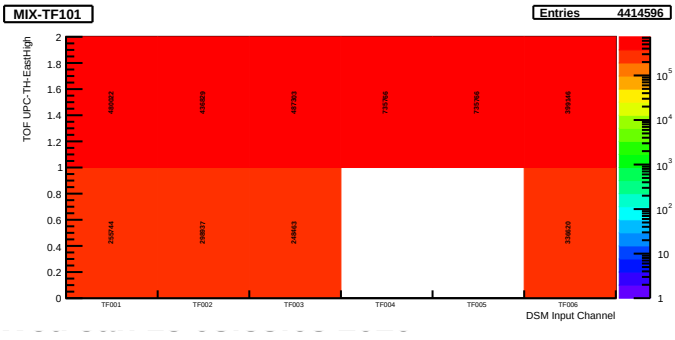

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

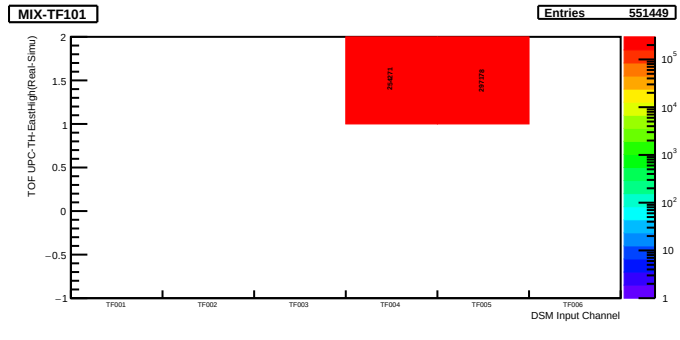

MIX-TF101
Entries 4414596
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

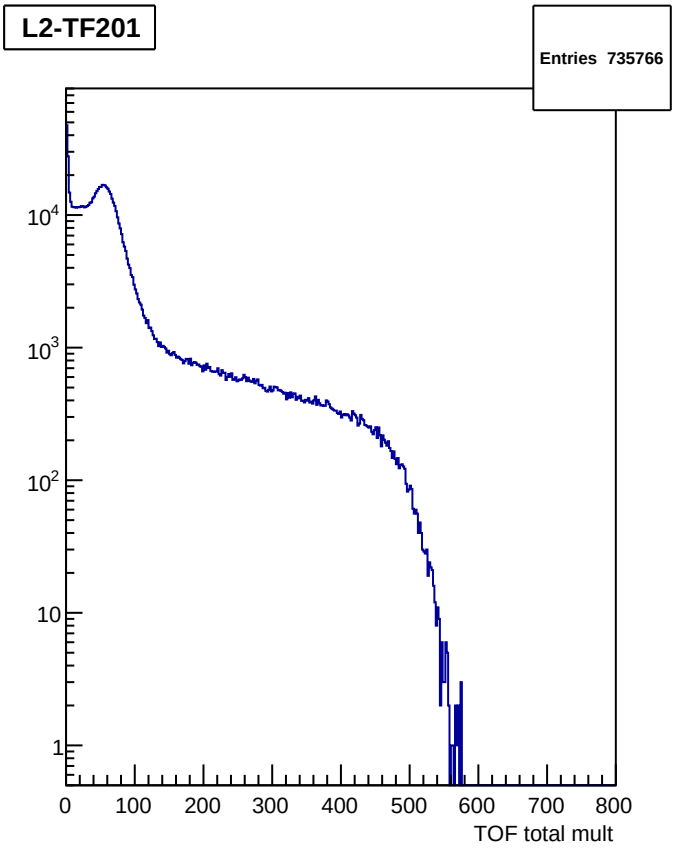

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

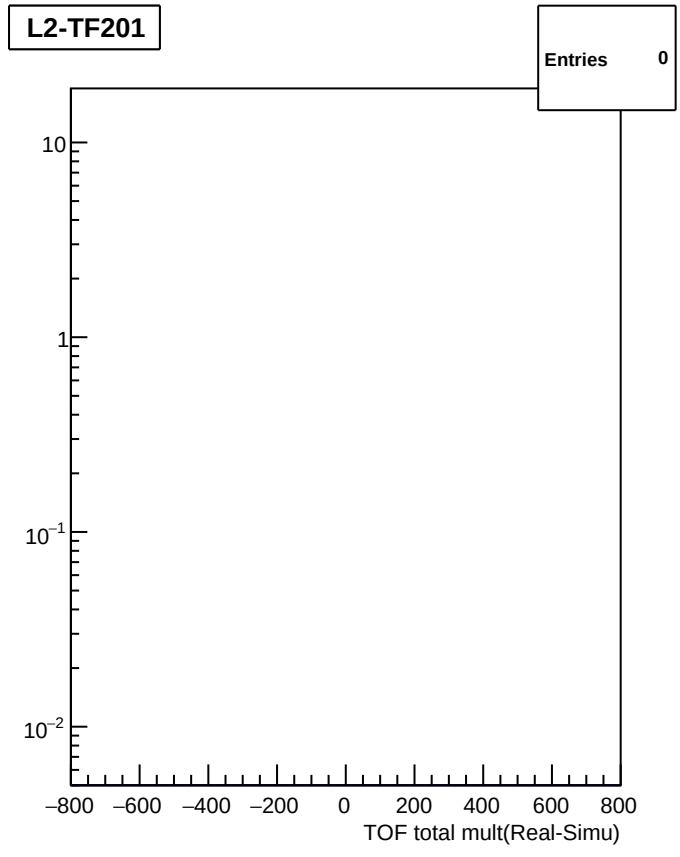

MIX-TF101
Entries 4414596
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

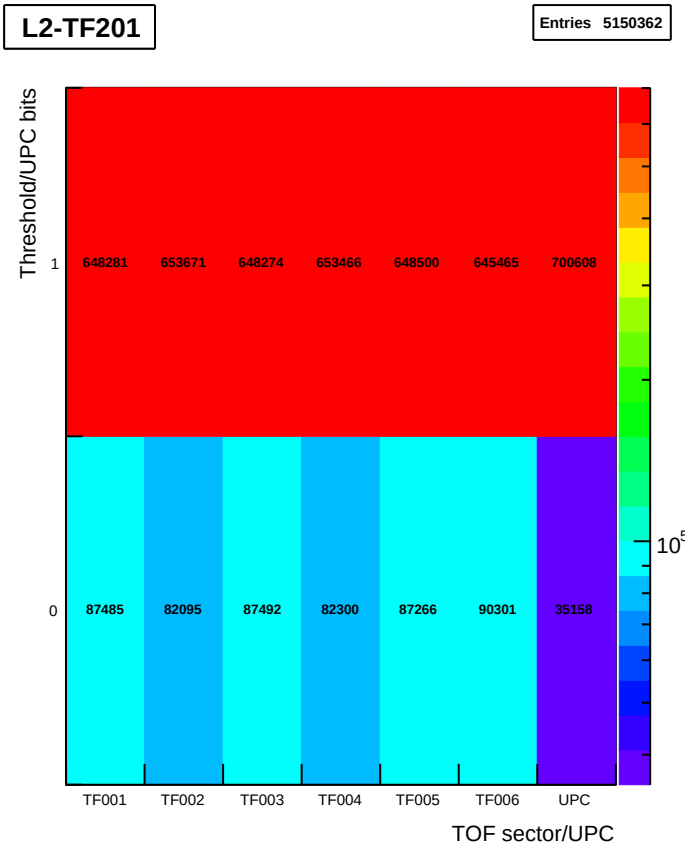

MIX-TF101
Entries 252037
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

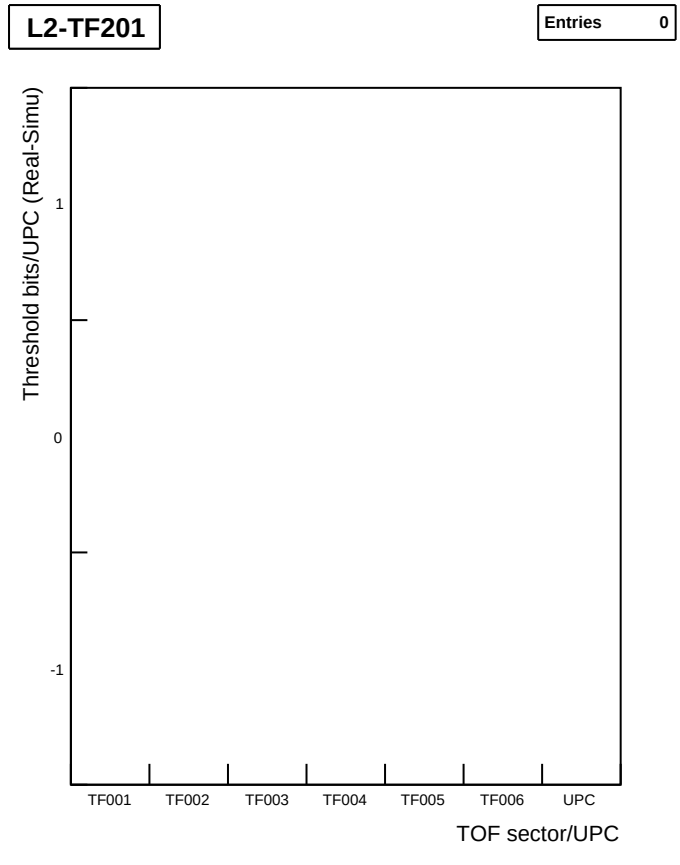

MIX-TF101
Entries 4414596
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

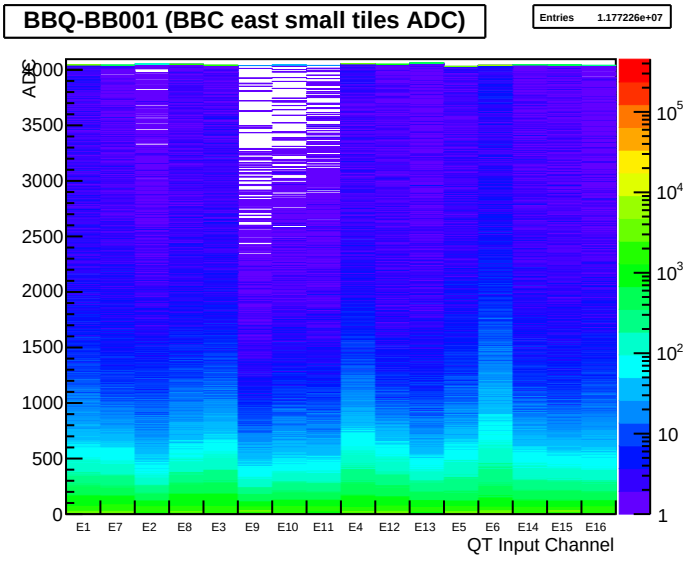

MIX-TF101
Entries 551449
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

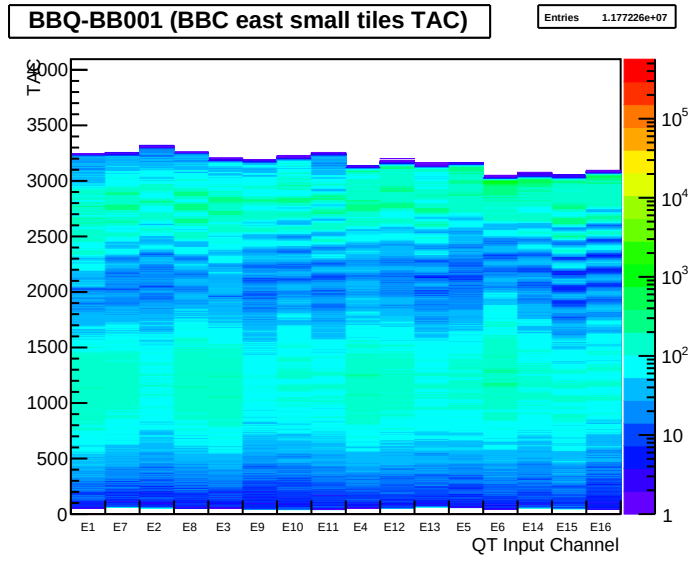

L2-TF201
Entries 735766
TOF total mult

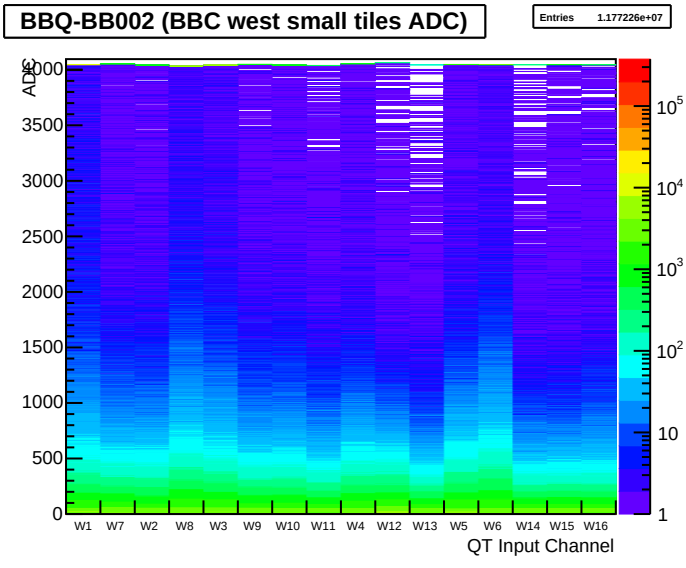

L2-TF201
Entries 0
TOF total mult(Real-Simu)

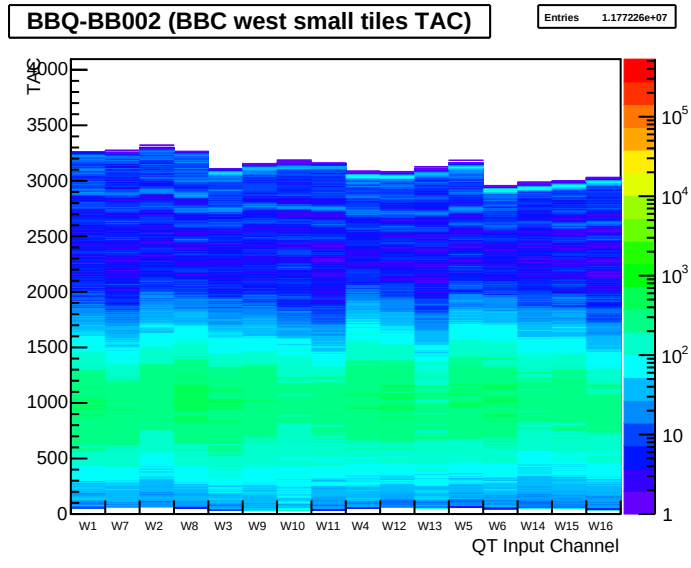

L2-TF201
Entries 5150362
Threshold/UPC bits
648281 653671 648274 653466 648500 645465 700608
87485 82095 87492 82300 87266 90301 35158
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

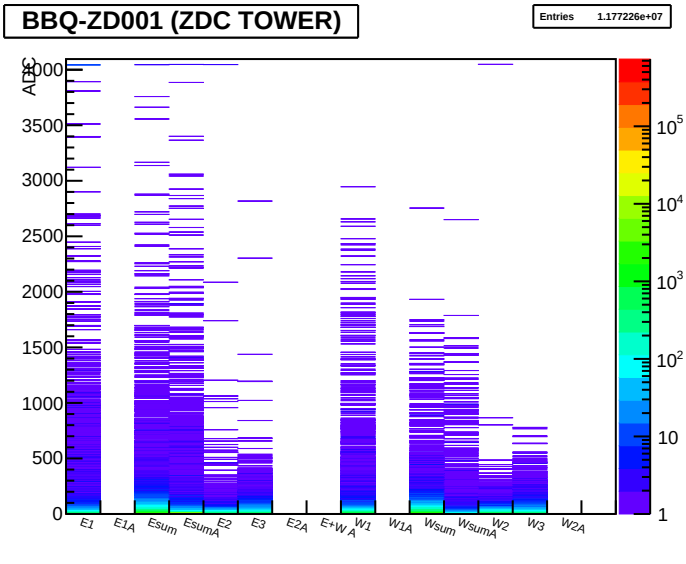

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

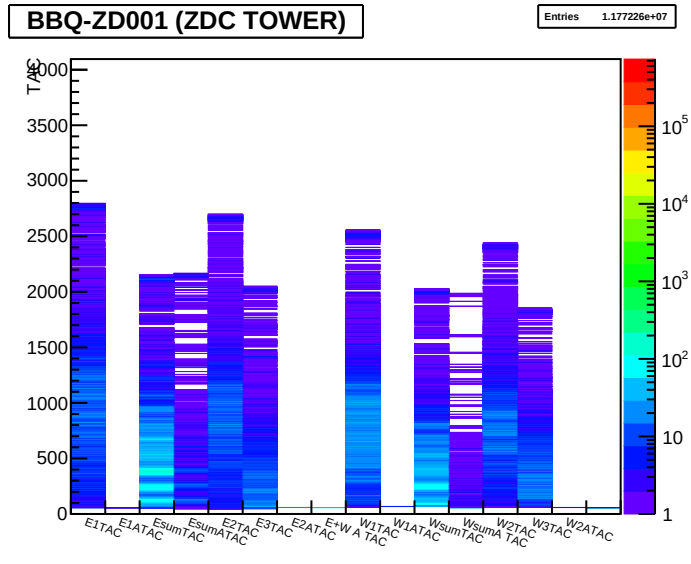

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.177226e+07
ADC
QT Input Channel

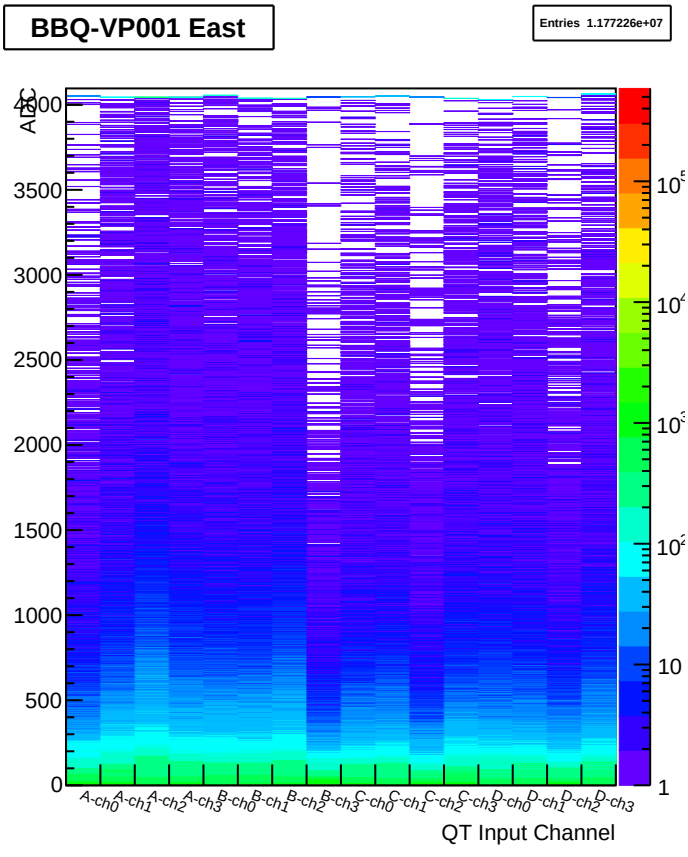

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.177226e+07
TAC
QT Input Channel

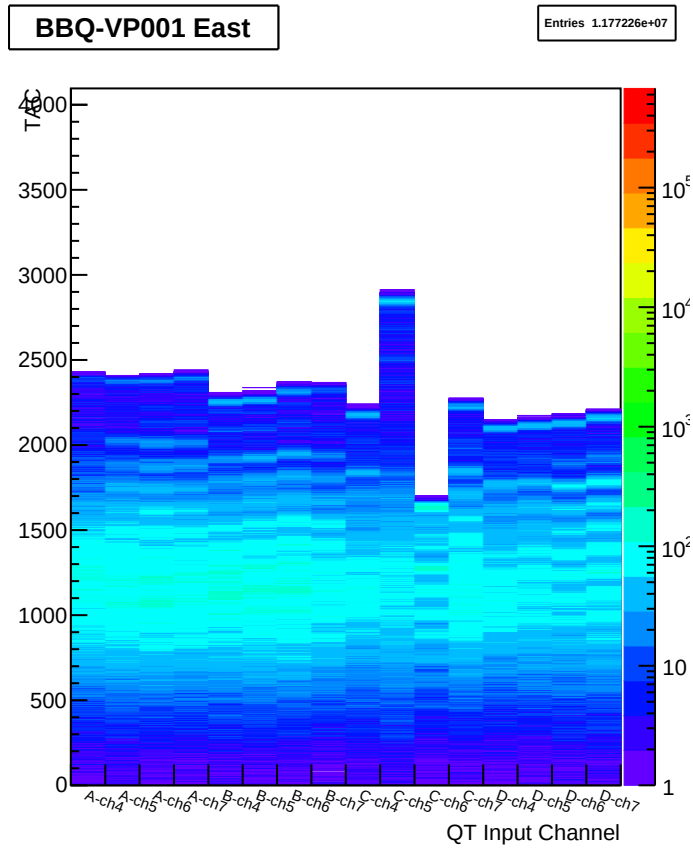

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.177226e+07
ADC
QT Input Channel

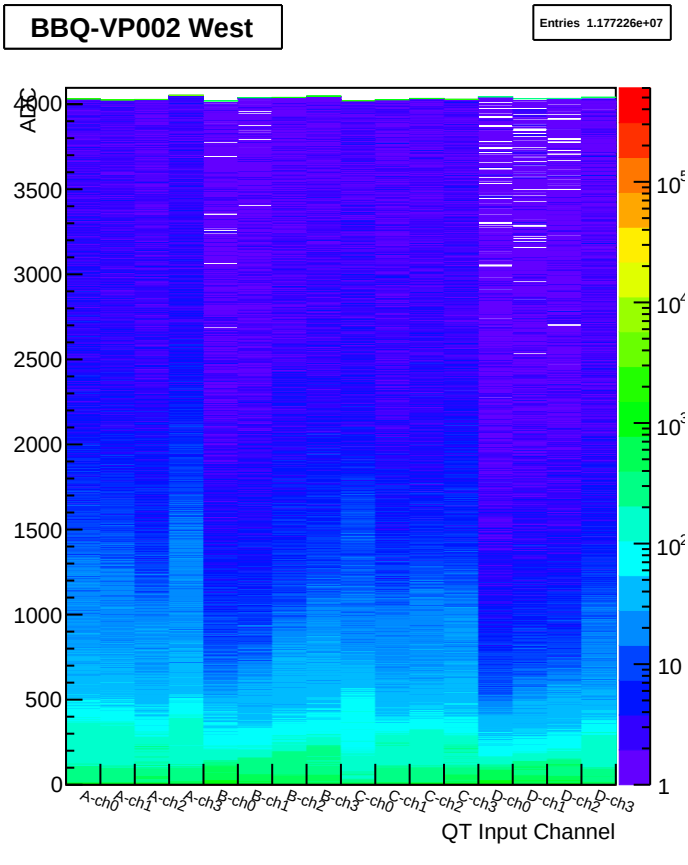

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.177226e+07
TAC
QT Input Channel

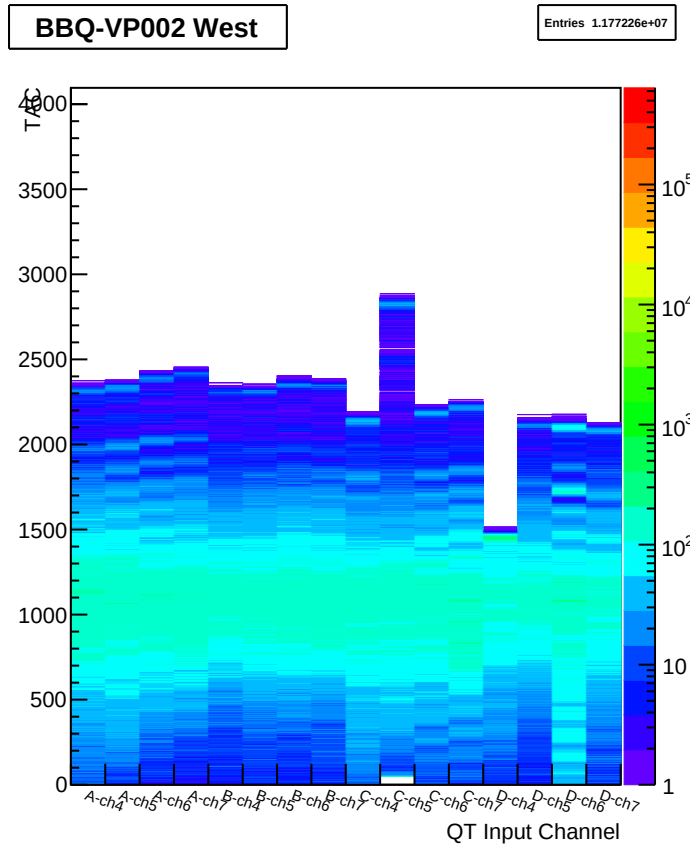

BBQ-ZD001 (ZDC TOWER)
Entries 1.177226e+07
ADC

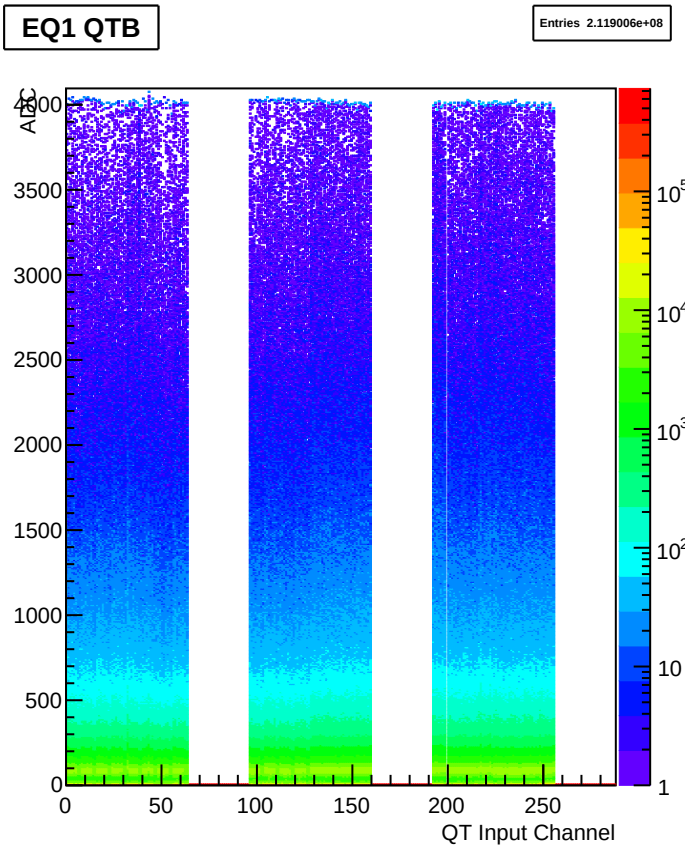

BBQ-ZD001 (ZDC TOWER)
Entries 1.177226e+07
TAC

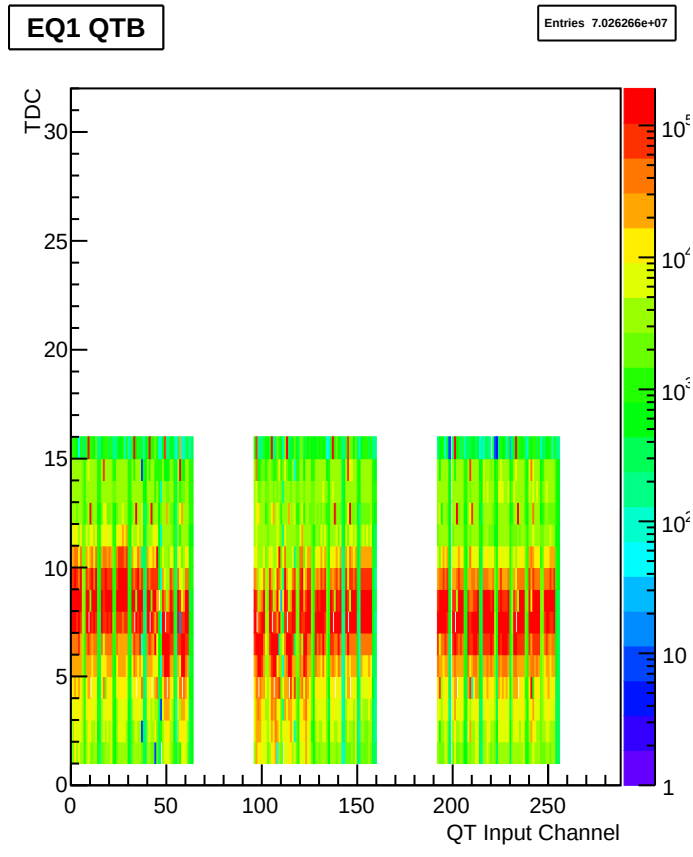

BBQ-VP001 East
Entries 1.177226e+07
ADC
QT Input Channel

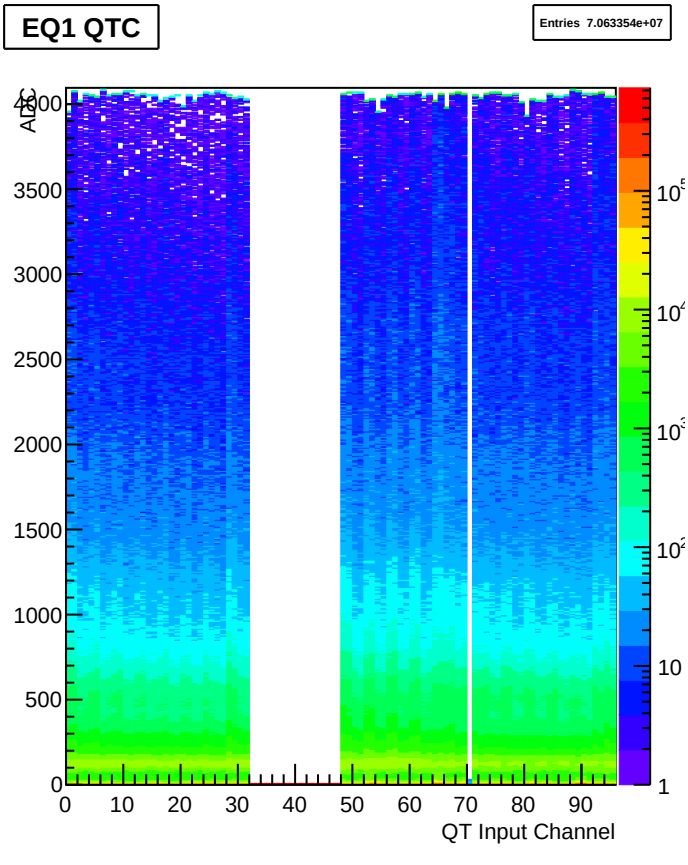

BBQ-VP001 East
Entries 1.177226e+07
ADC
QT Input Channel

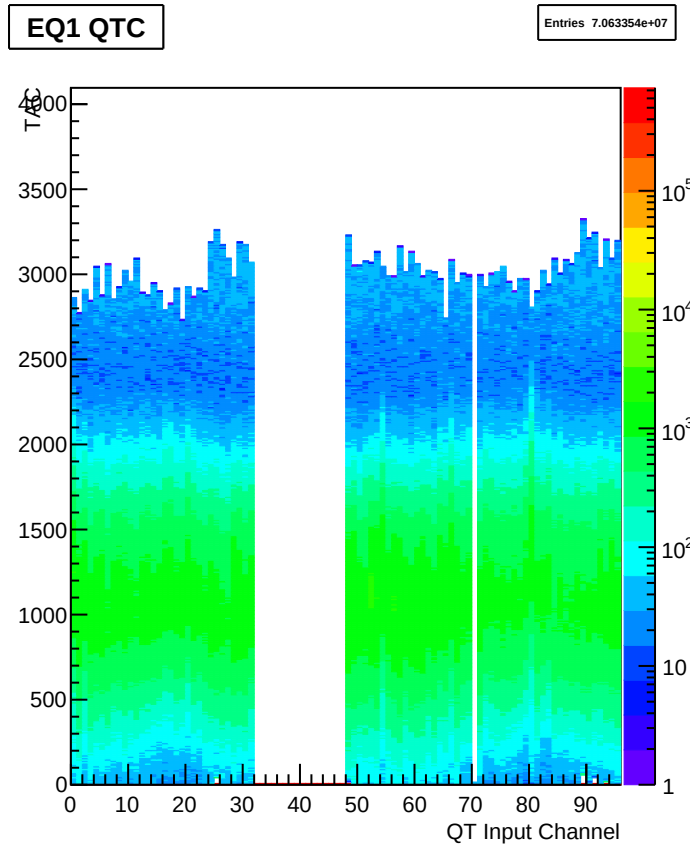

BBQ-VP002 West
Entries 1.177226e+07
ADC
QT Input Channel

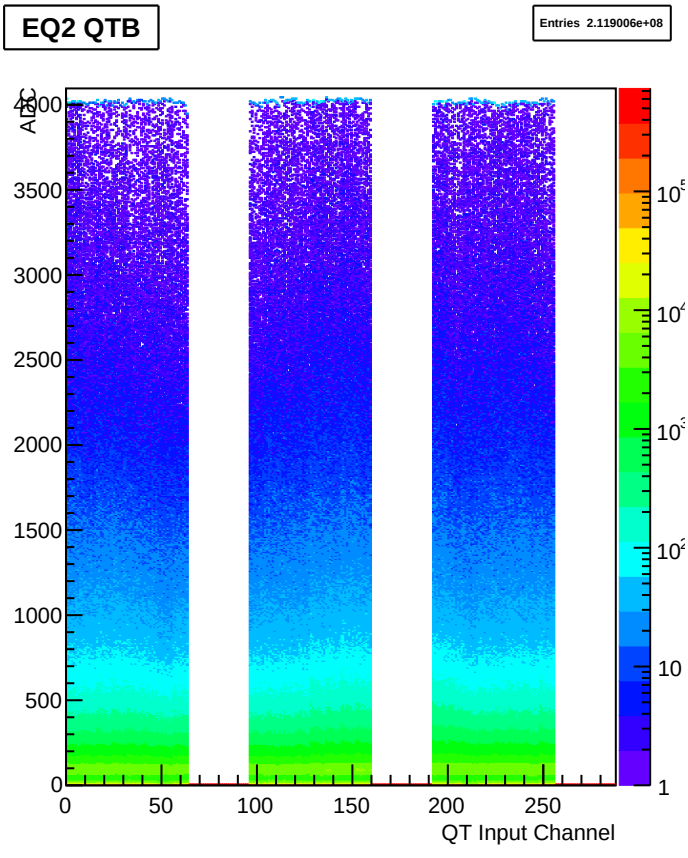

BBQ-VP002 West
Entries 1.177226e+07
ADC
QT Input Channel

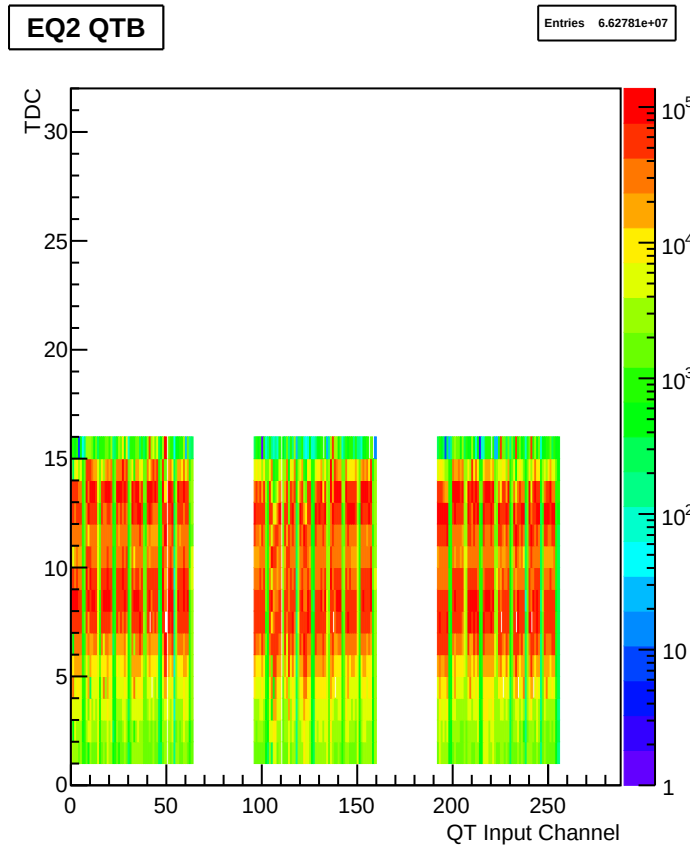

EQ1 QTB
Entries 2.119006e+08
ADC
QT Input Channel

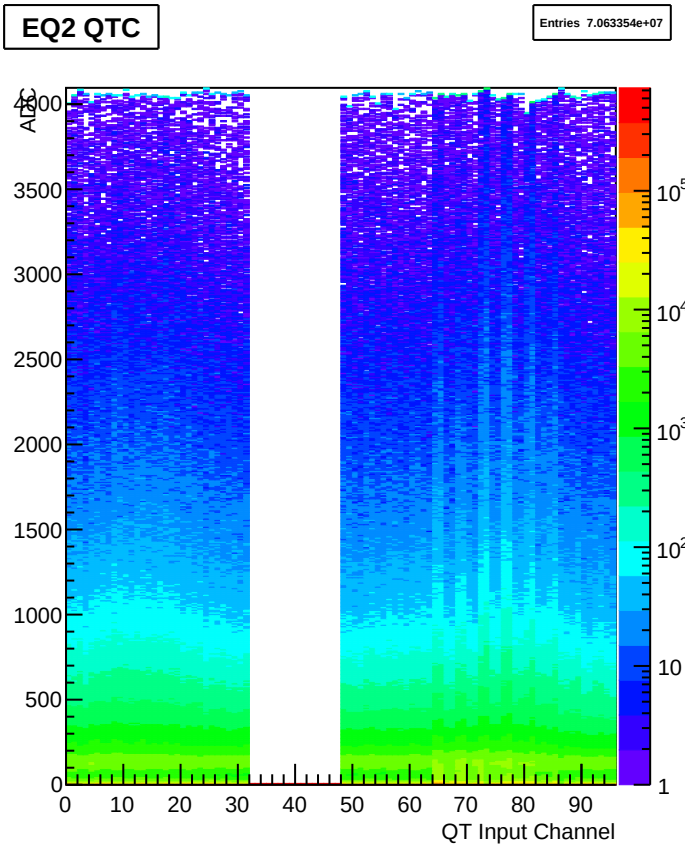

EQ1 QTB
Entries 7.026266e+07
TDC
QT Input Channel

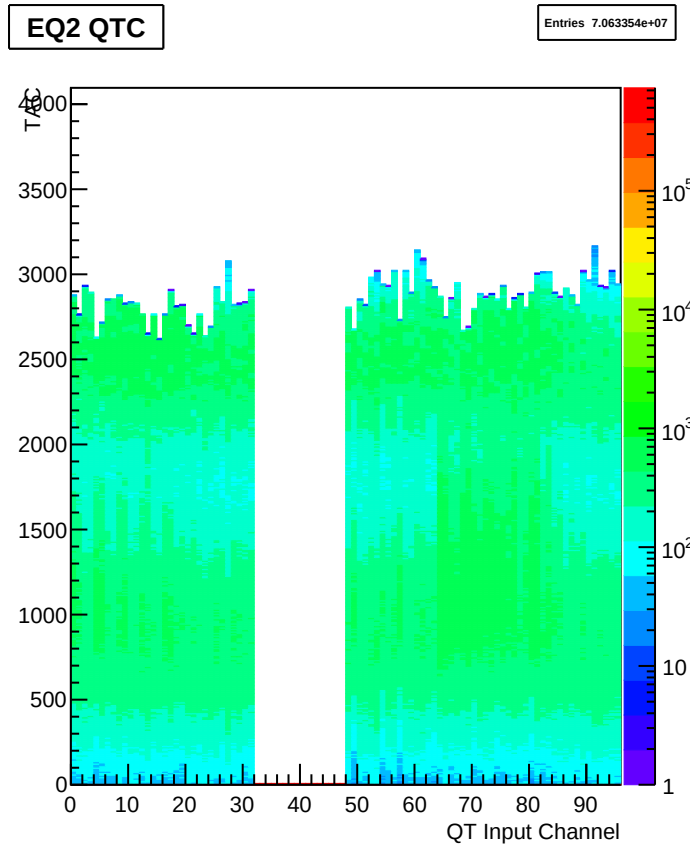

EQ1 QTC
Entries 7.063354e+07
ADC
QT Input Channel

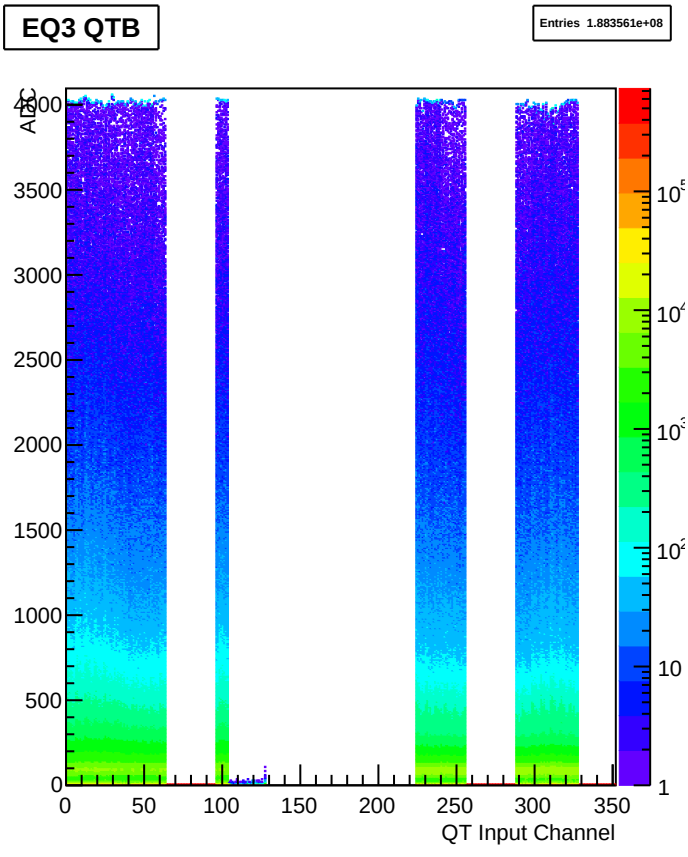

EQ1 QTC
Entries 7.063354e+07
TADC
QT Input Channel

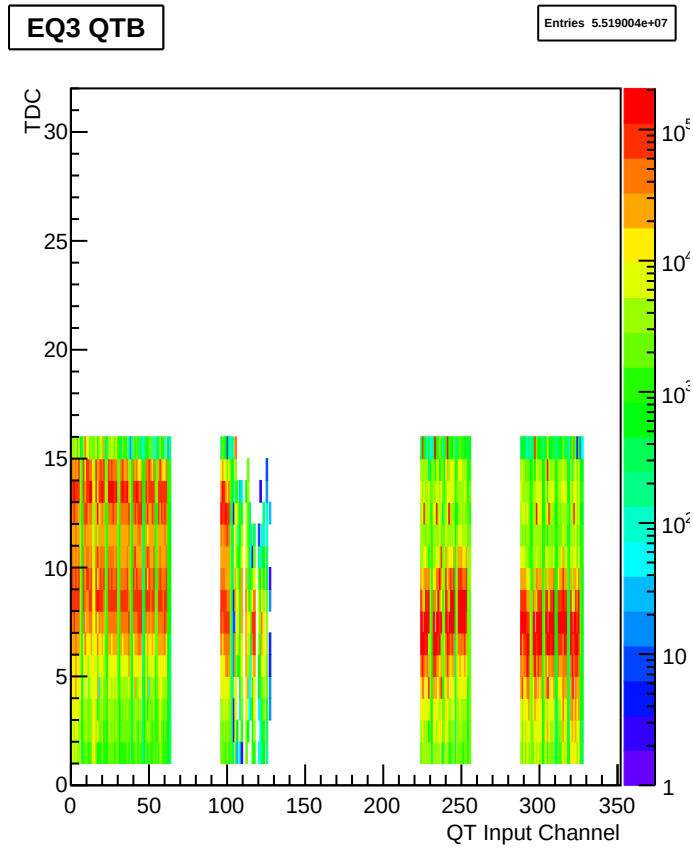

EQ2 QTB
Entries 2.119006e+08
ADC
QT Input Channel

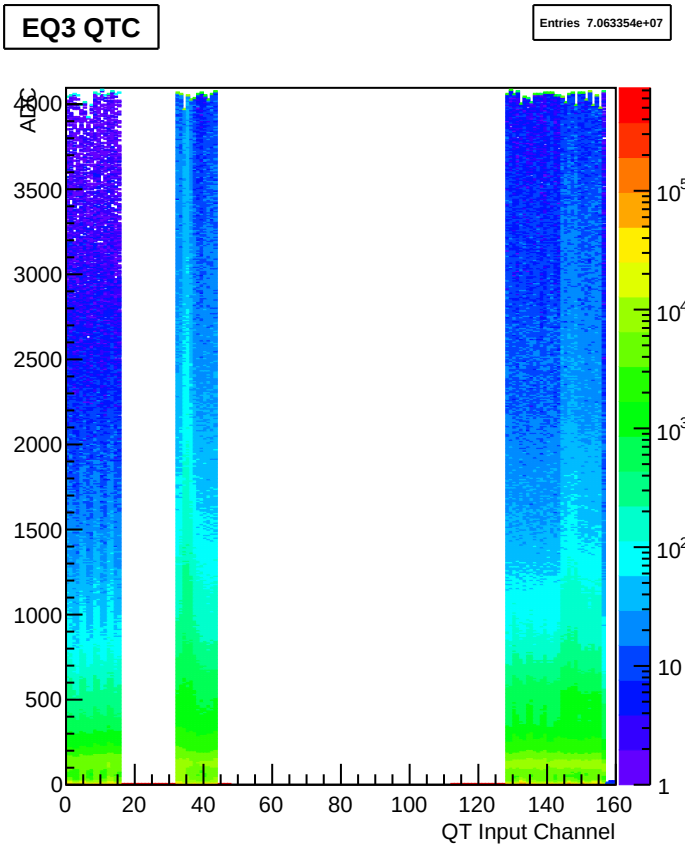

EQ2 QTB
Entries 6.62781e+07
TDC
QT Input Channel

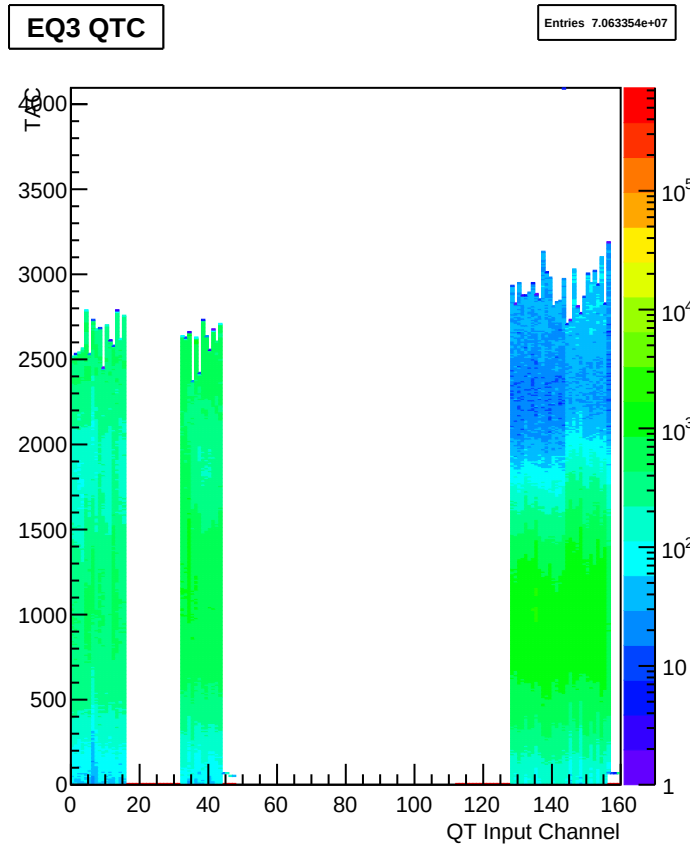

EQ2 QTC
Entries 7.063354e+07
ADC
QT Input Channel

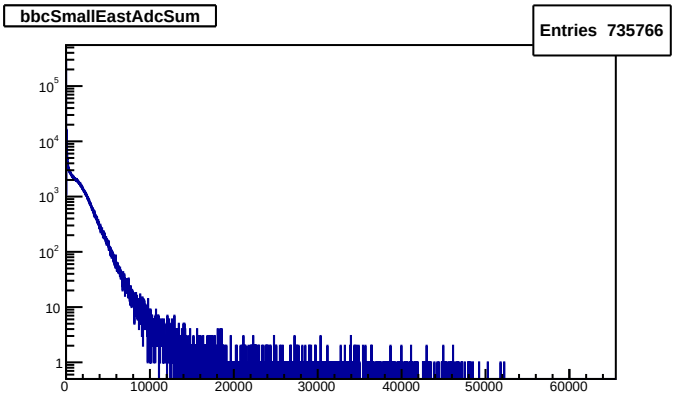

EQ2 QTC
Entries 7.063354e+07
TADC
QT Input Channel

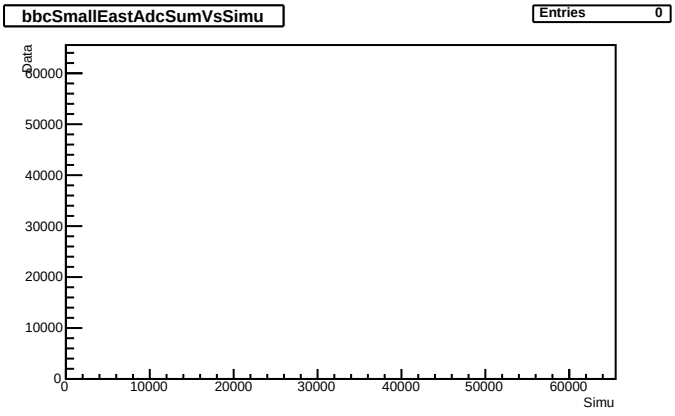

EQ3 QTB
Entries 1.883561e+08
ADC
QT Input Channel

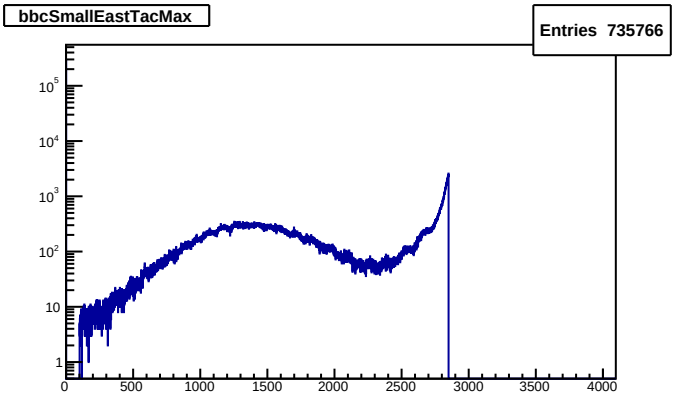

EQ3 QTB
Entries 5.519004e+07
TDC
QT Input Channel

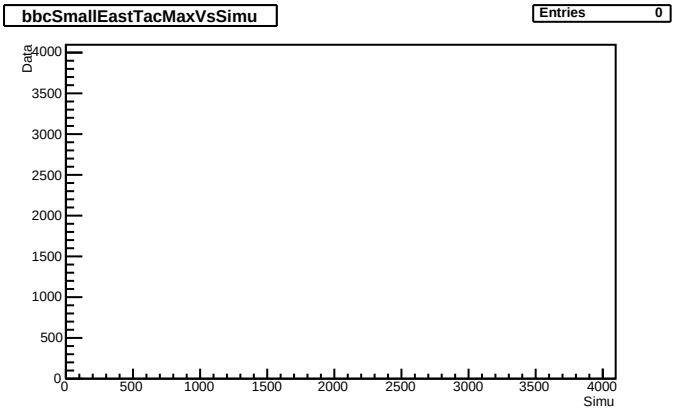

EQ3 QTC
Entries 7.063354e+07
ADC
QT Input Channel


EQ3 QTC
Entries 7.063354e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 735766


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 735766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Entries 0
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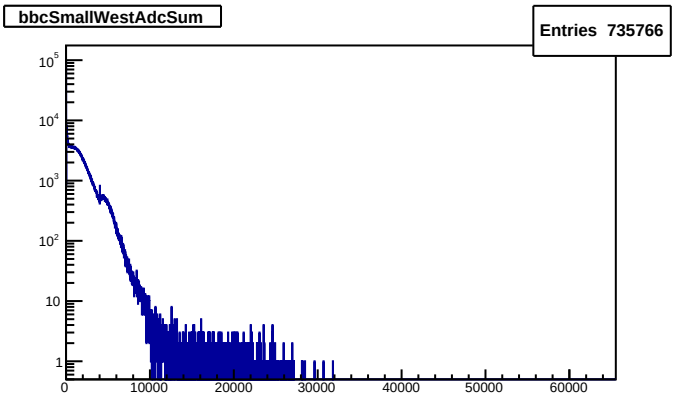
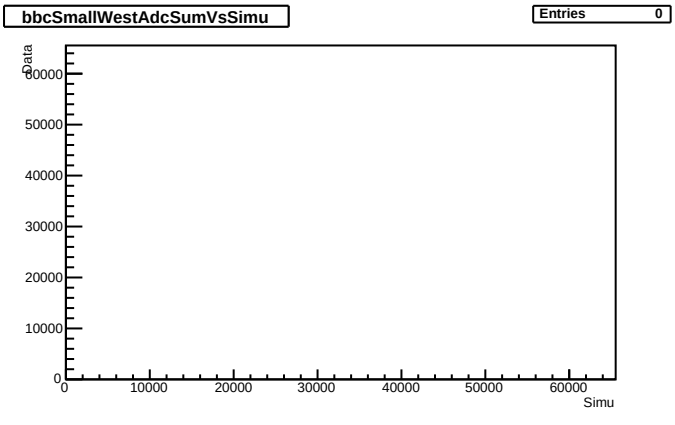

bbcSmallWestAdcSum
Entries 735766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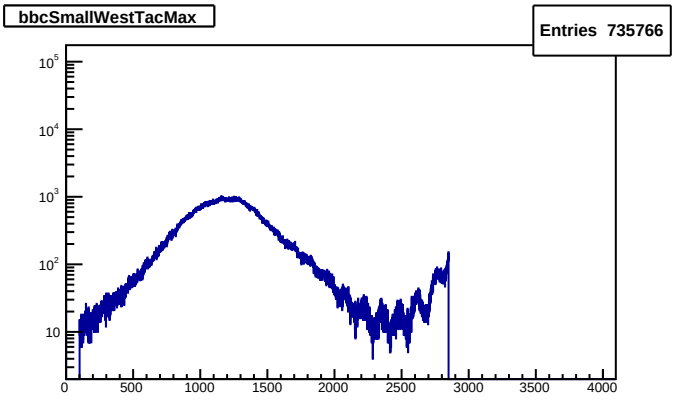
Entries 0
Data
Simu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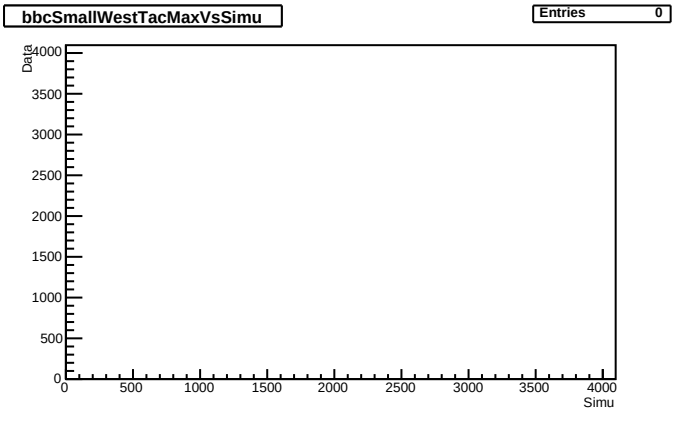
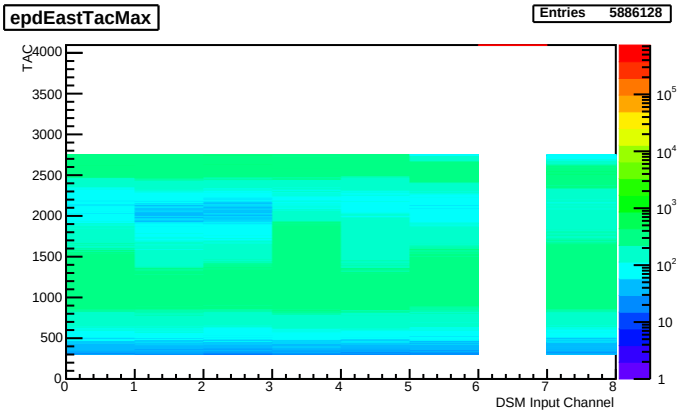
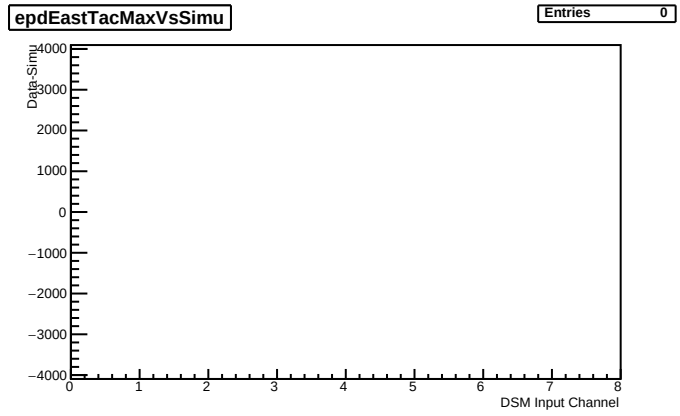
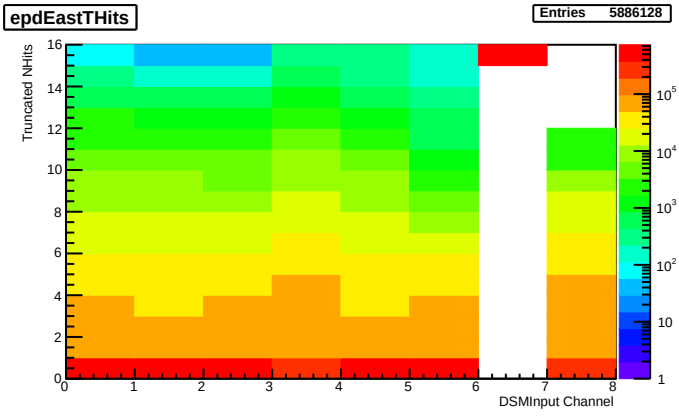
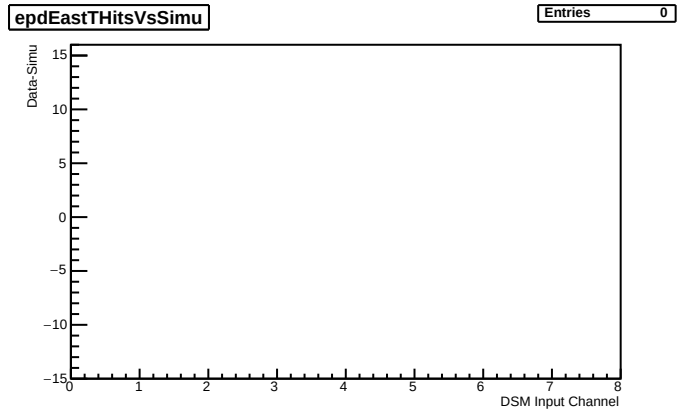
Entries 735766


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5886128
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5886128
Truncated NHits
DSMInput Channel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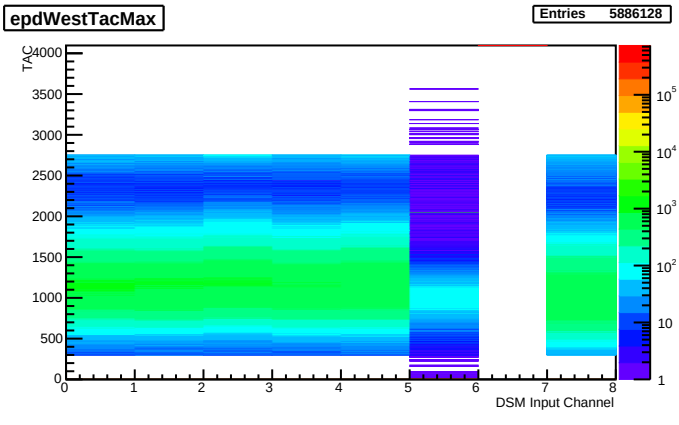
DSM Input Channel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TAC
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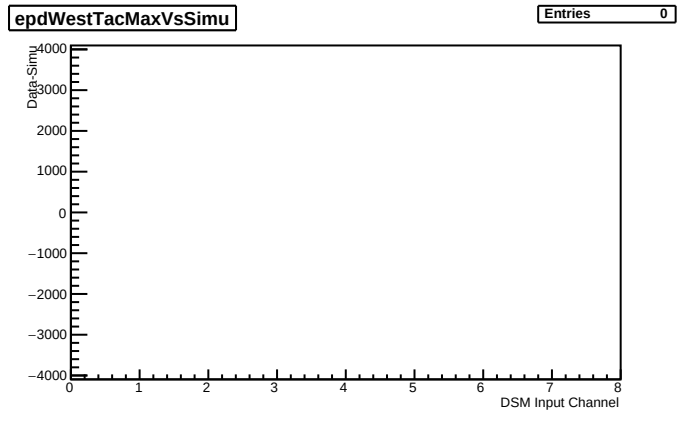
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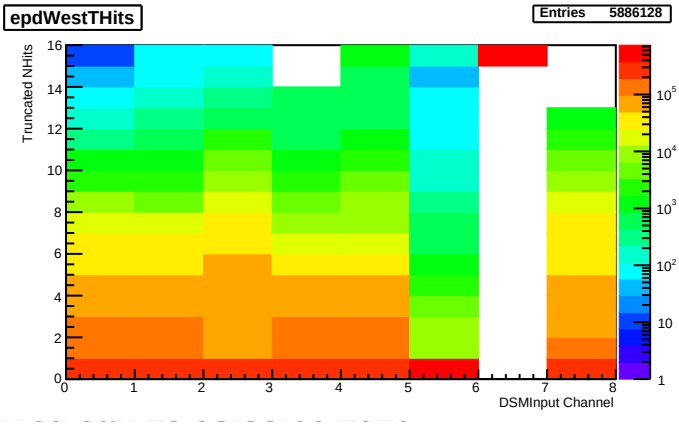
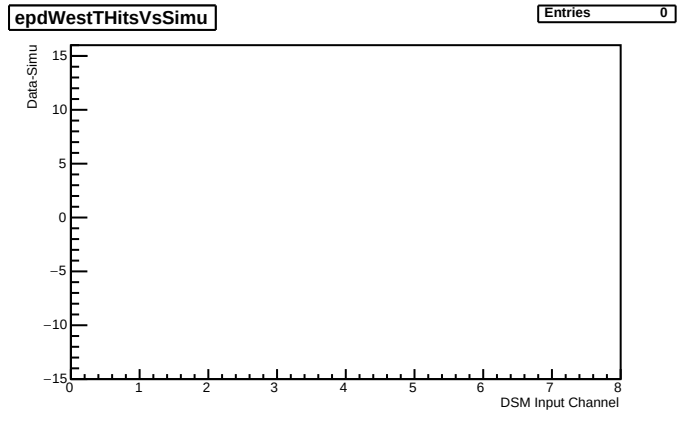
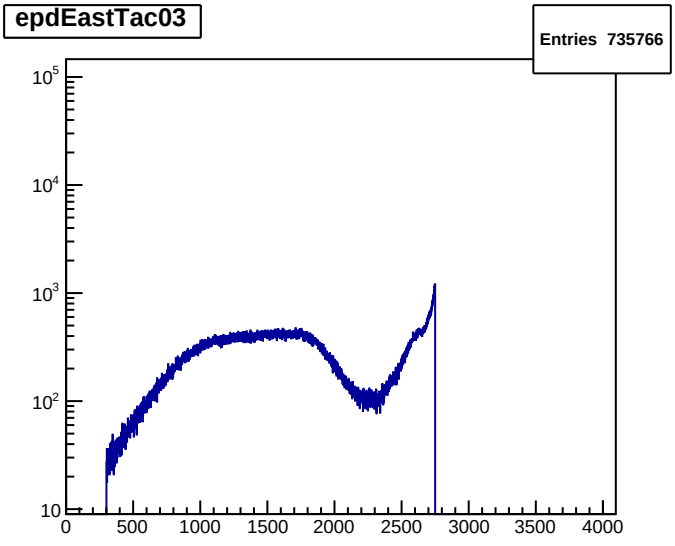
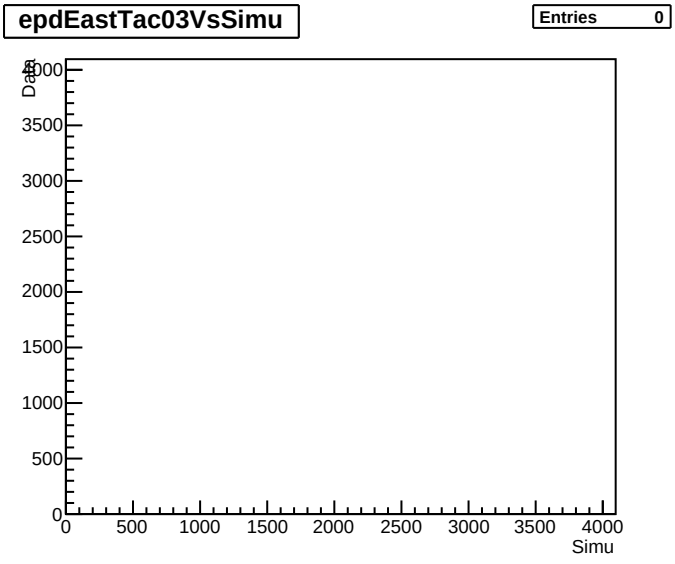
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5886128
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 735766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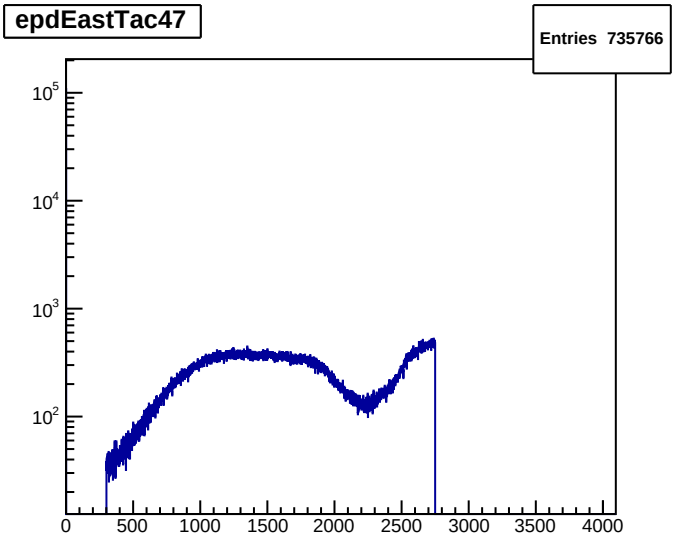
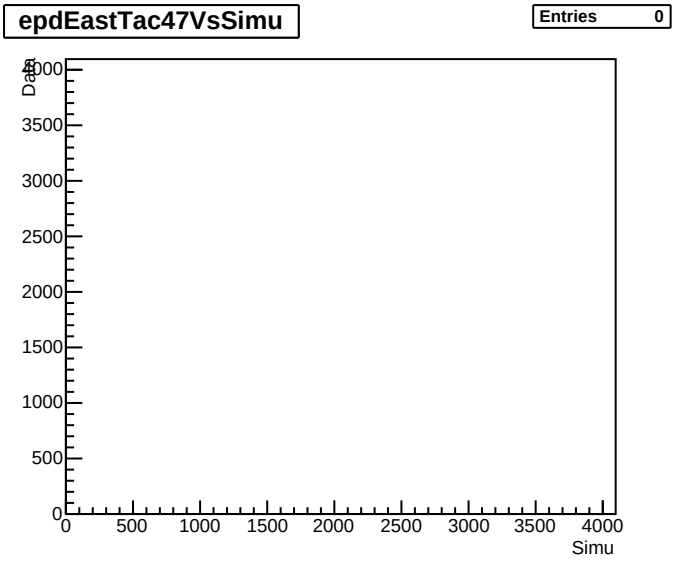
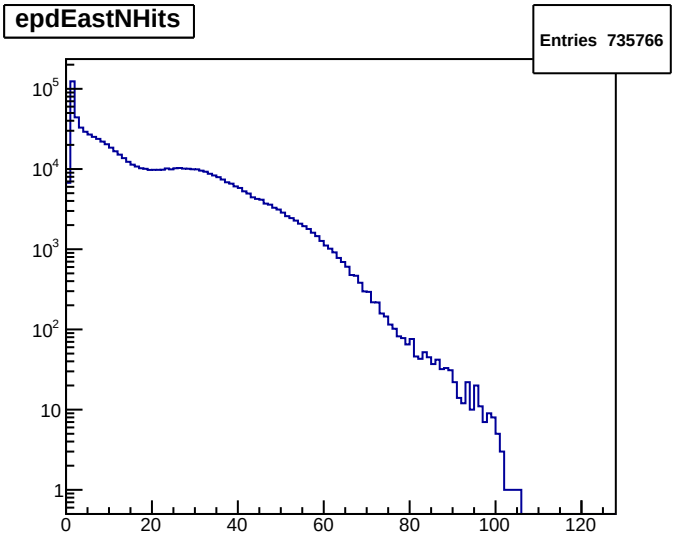
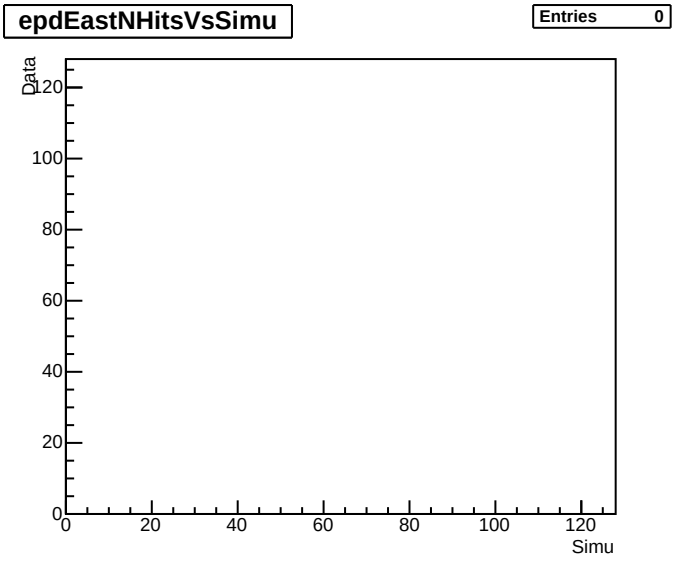
Entries 0
Data
Simu


epdEastTac47
Entries 735766


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 735766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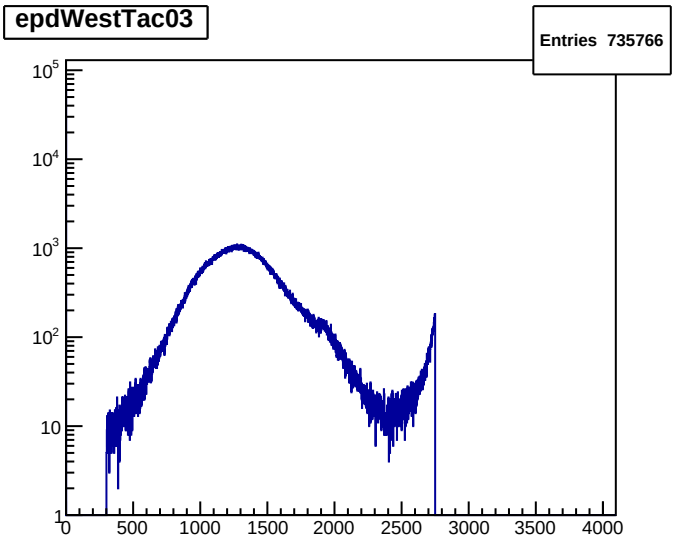
Entries 0
Data
Simu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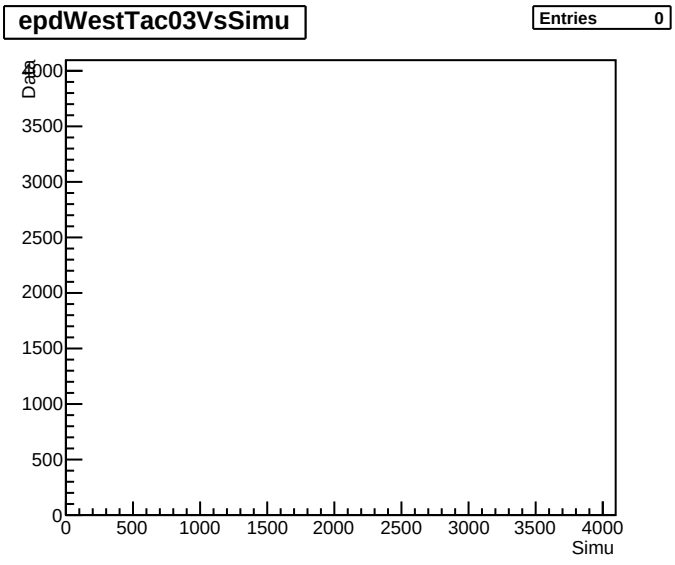
Entries 735766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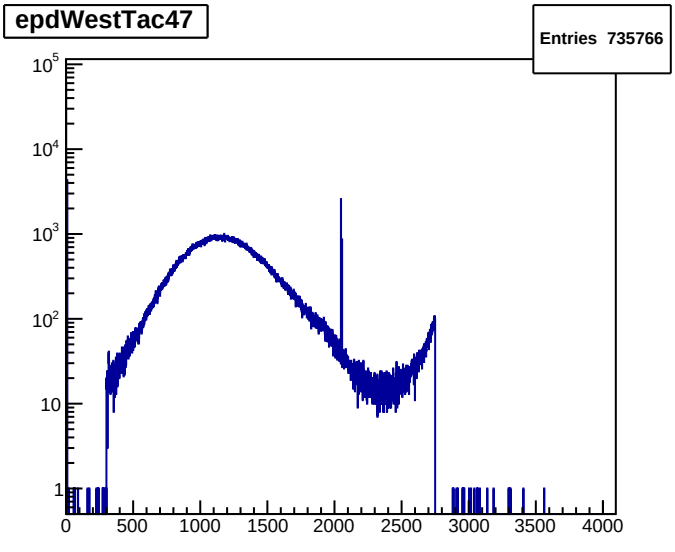
Entries 0
Data
Simu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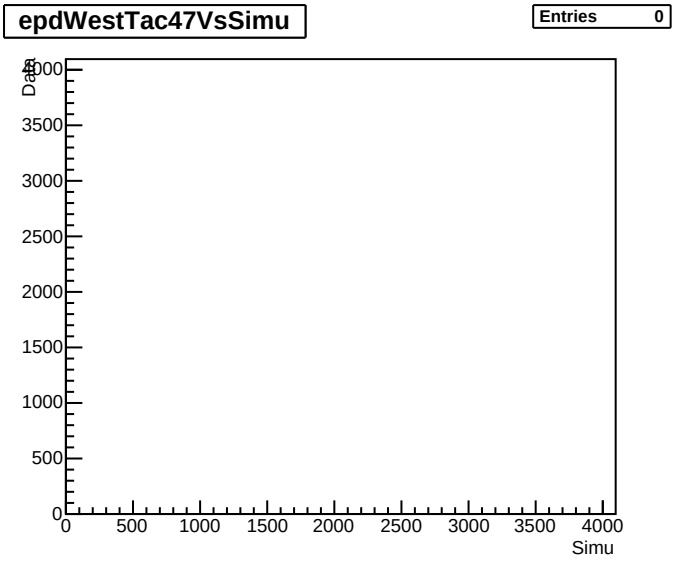
Entries 735766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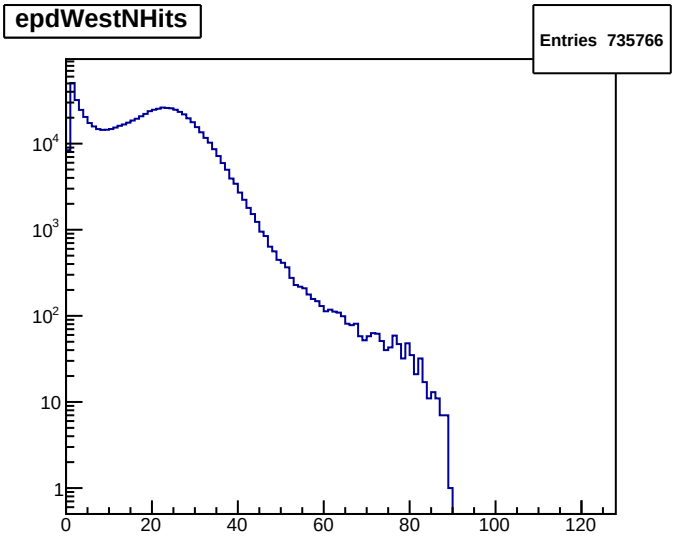
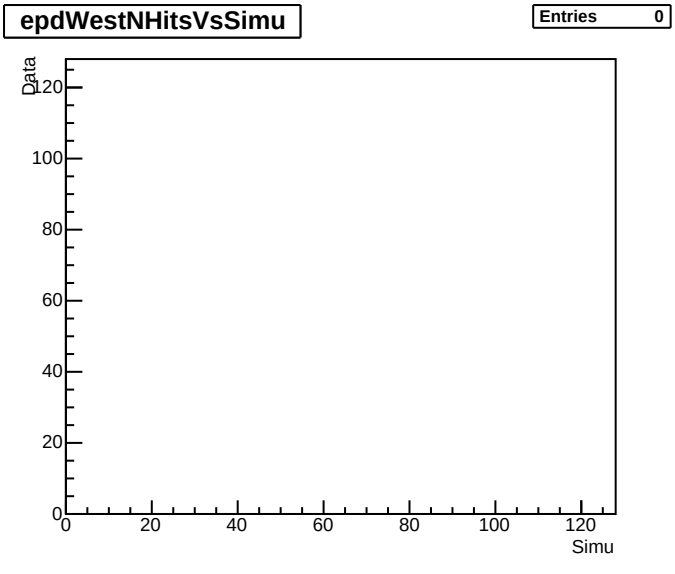
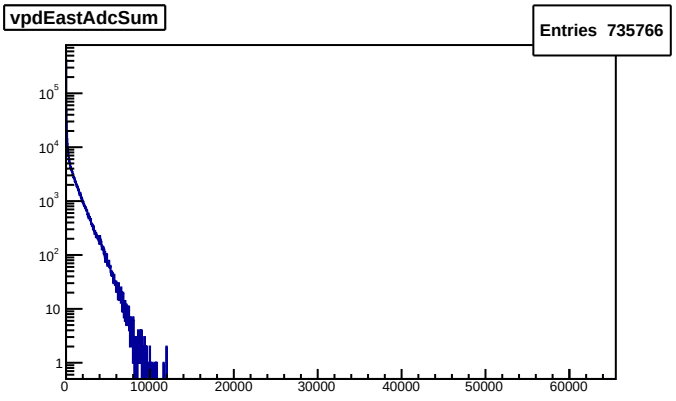
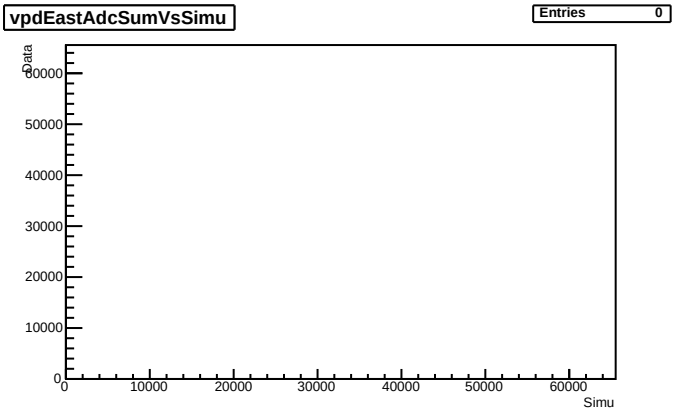
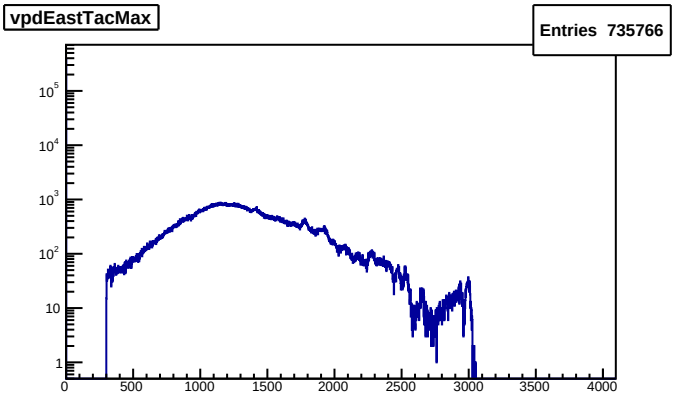
Entries 0
Data
Simu

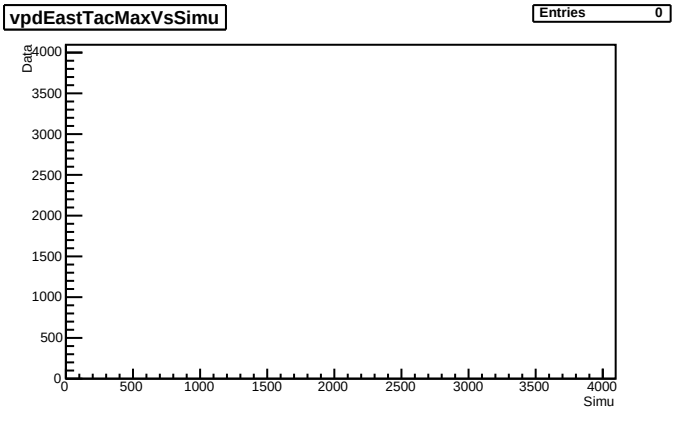

epdWestNHits
Entries 735766


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 735766


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 735766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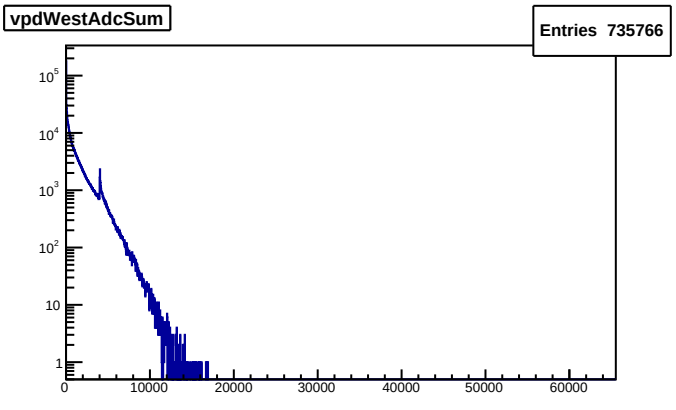
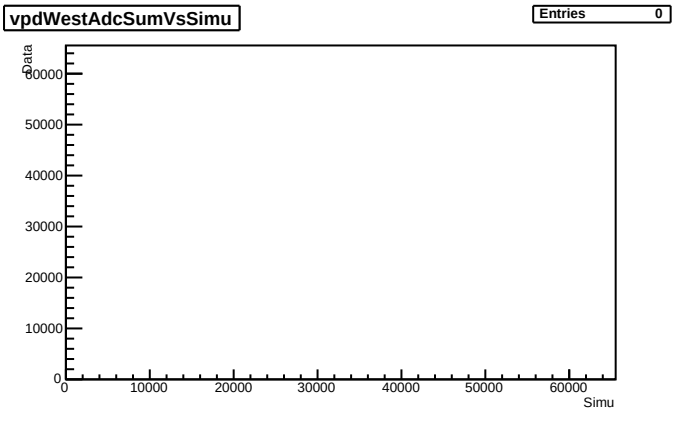
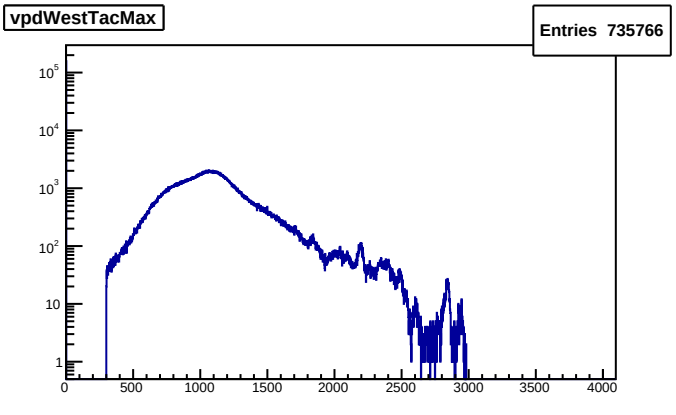
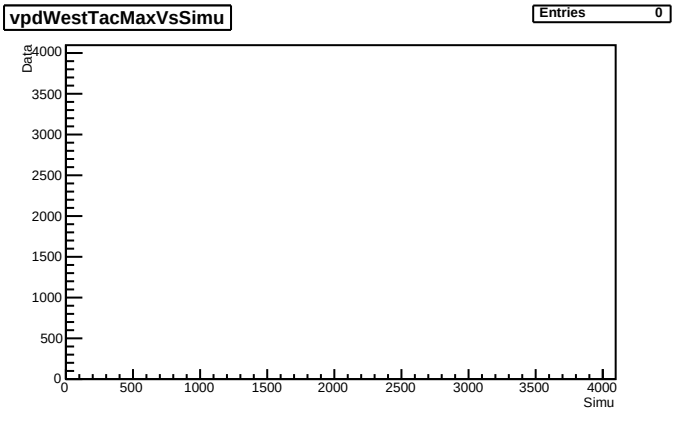
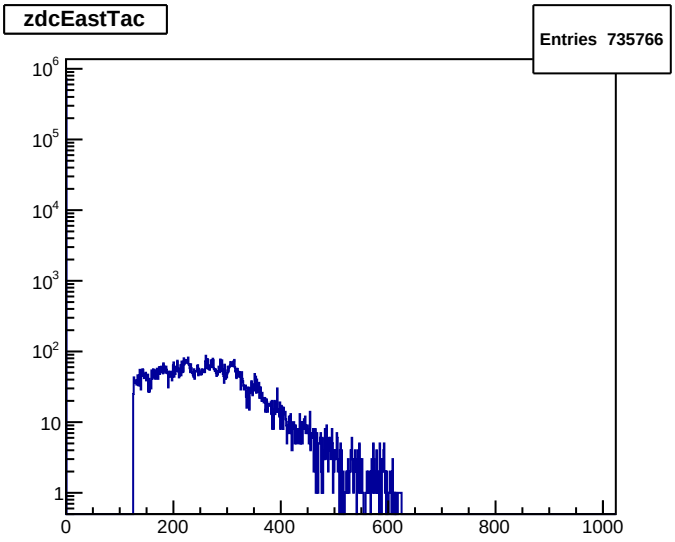
Entries 0
Data
Simu

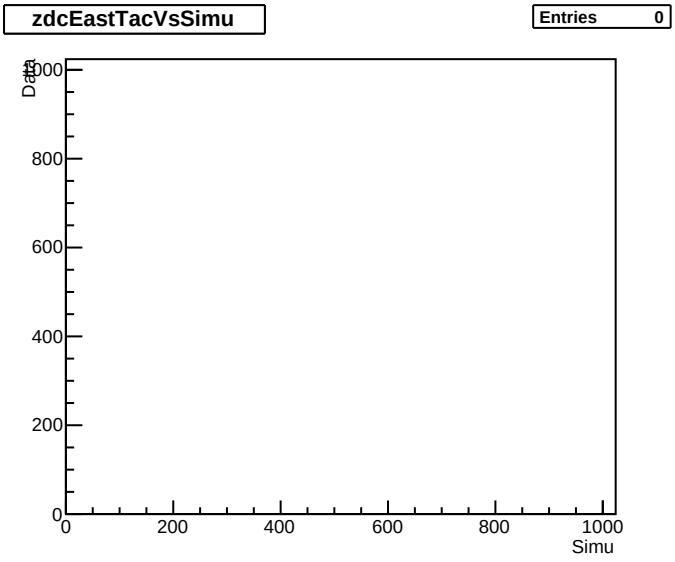

vpdWestAdcSum
Entries 735766

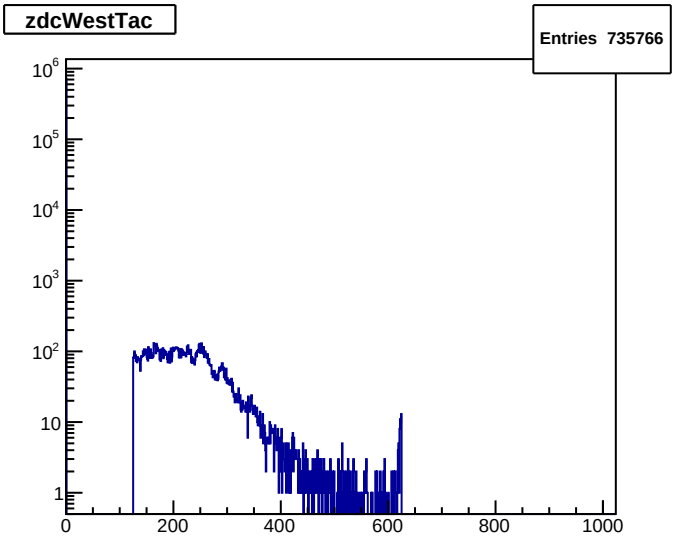

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

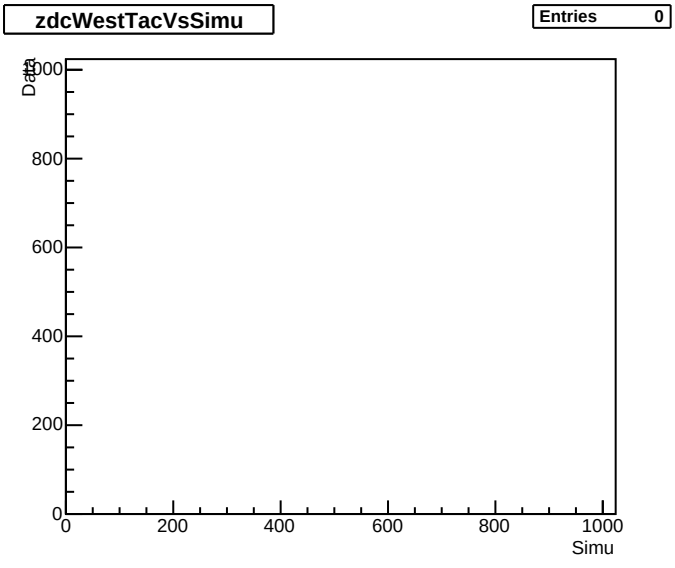

vpdWestTacMax
Entries 735766

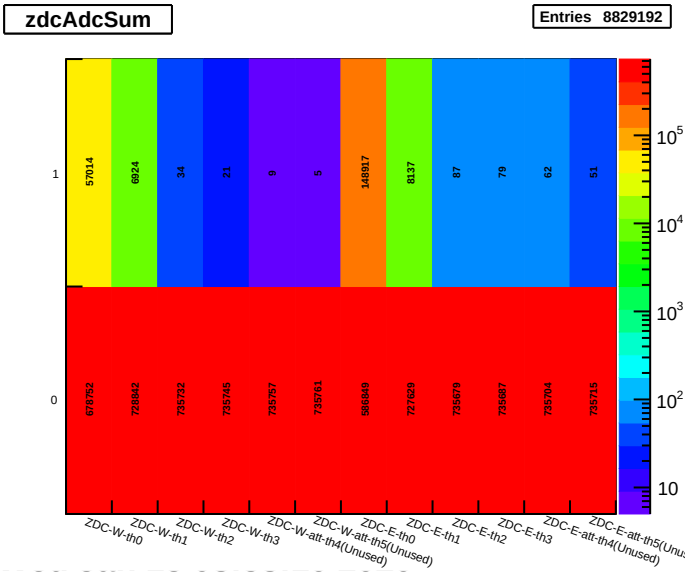

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

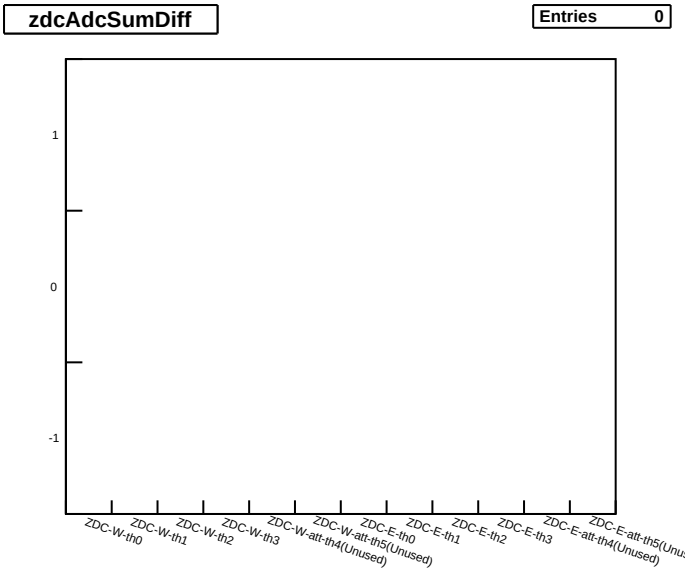

zdcEastTac
Entries 735766

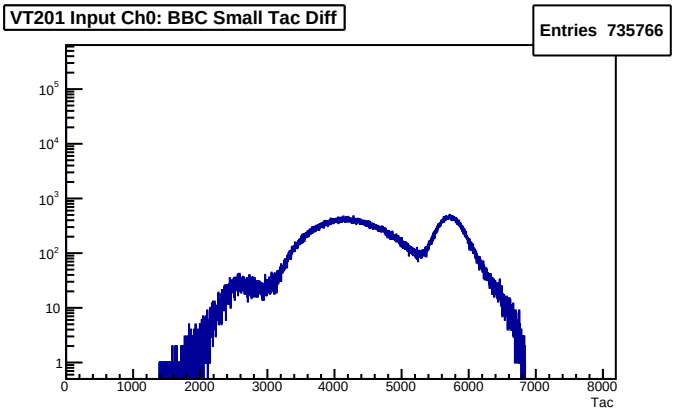

zdcEastTacVsSimu
Entries 0
Data
Simu

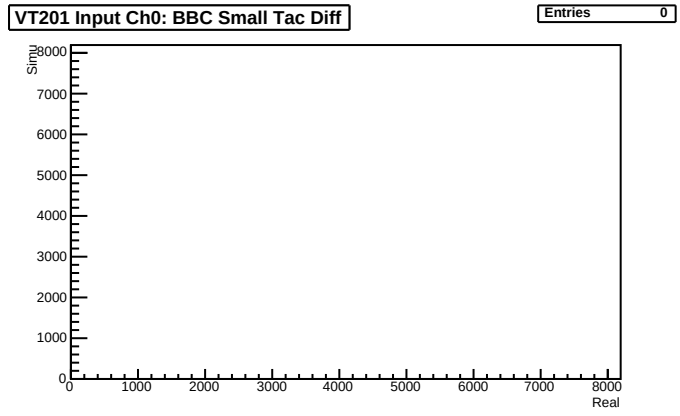

zdcWestTac
Entries 735766

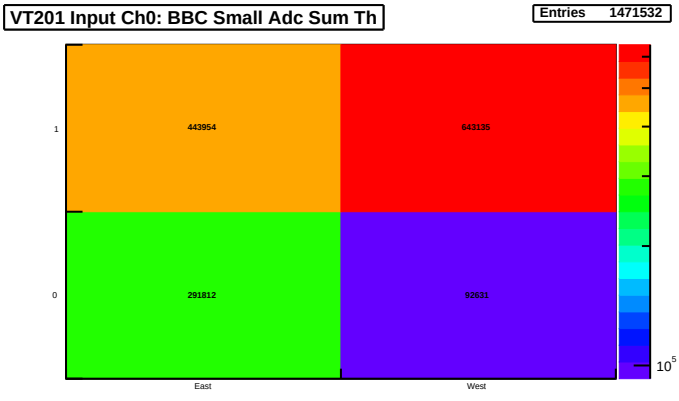

zdcWestTacVsSimu
Entries 0
Data
Simu

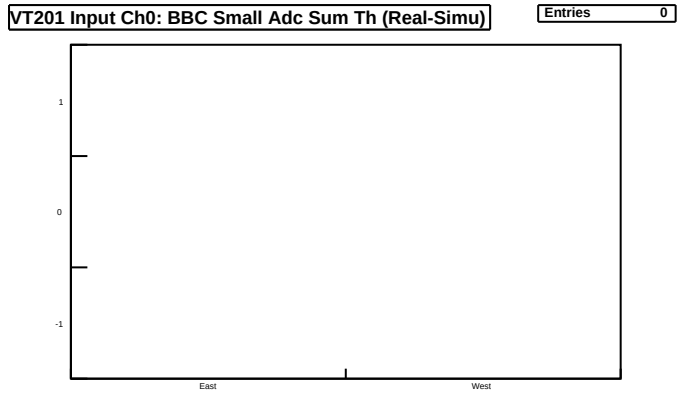

zdcAdcSum
Entries 8829192
57014
6924
34
21
9
5
148917
8137
87
79
62
51
678752
728842
735732
735745
735757
735761
586849
727629
735679
735687
735704
735715
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

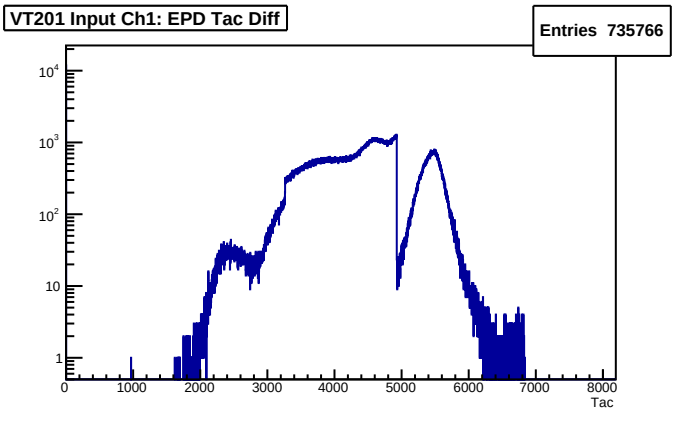

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

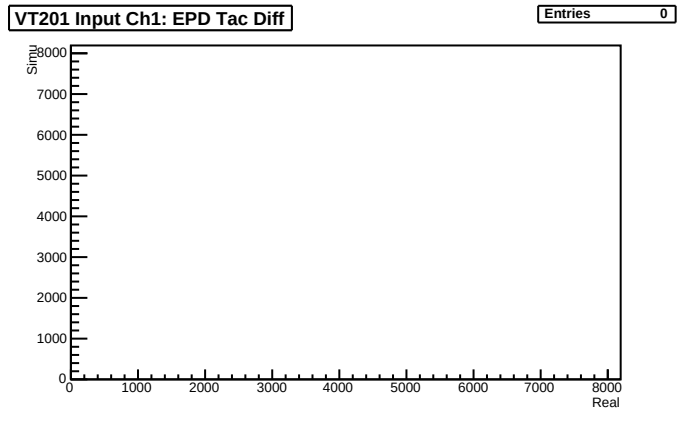

VT201 Input Ch0: BBC Small Tac Diff
Entries 735766
Tac

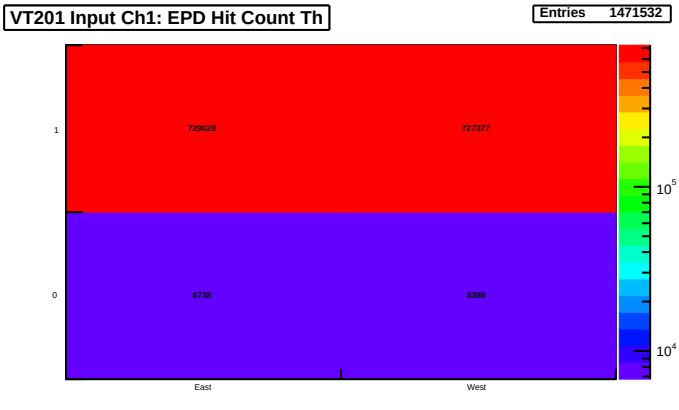

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

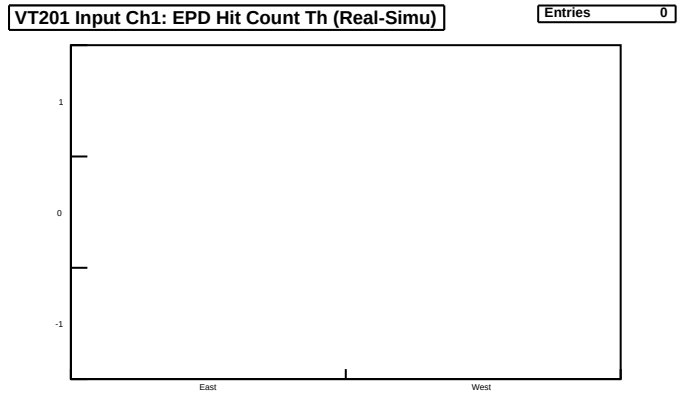

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1471532
443954
643135
291812
92631
East
West

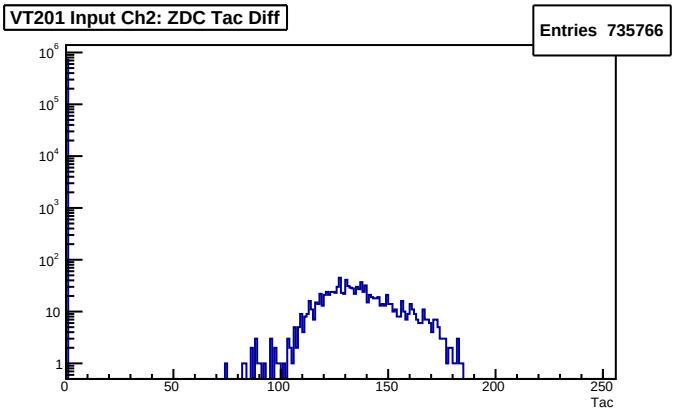

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

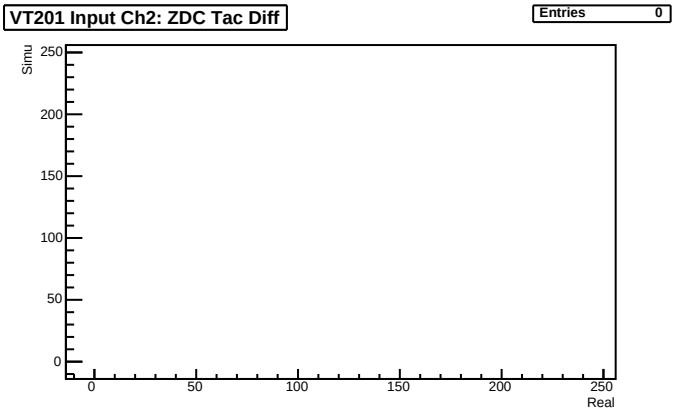

VT201 Input Ch1: EPD Tac Diff
Entries 735766
Tac

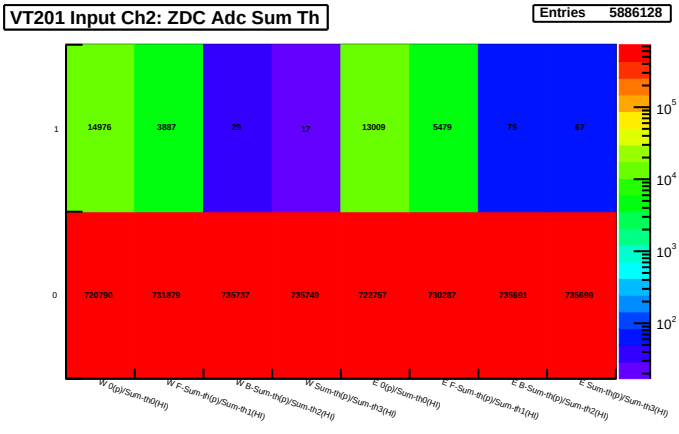

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

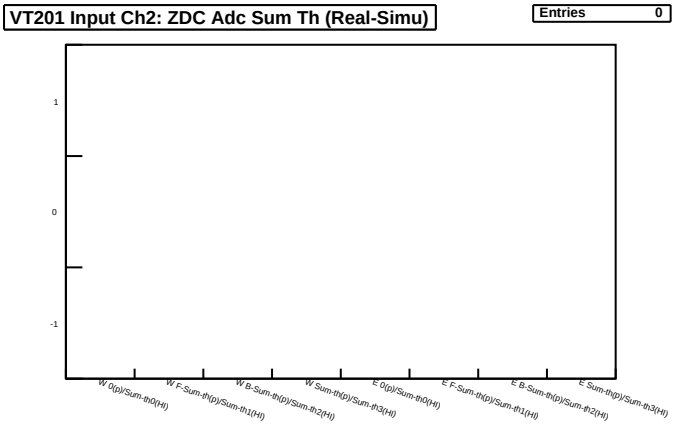

VT201 Input Ch1: EPD Hit Count Th
Entries 1471532
729028
727377
6738
8389
East
West

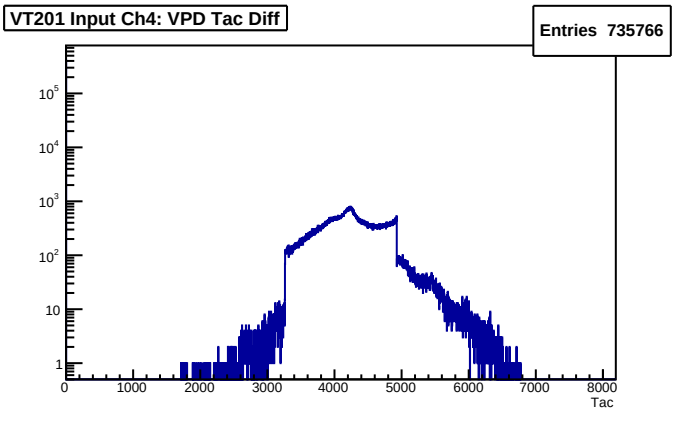

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

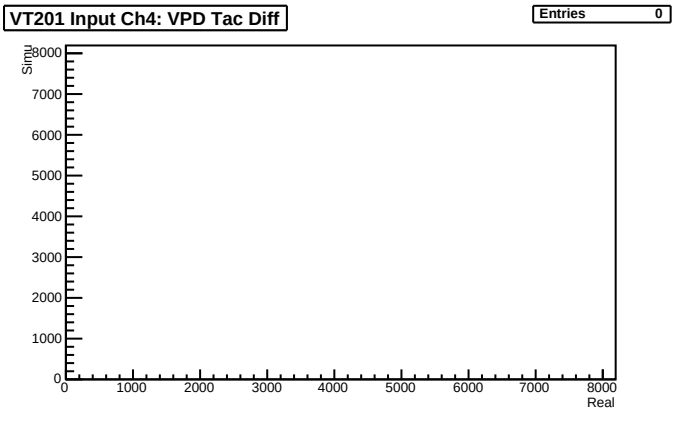

VT201 Input Ch2: ZDC Tac Diff
Entries 735766
Tac

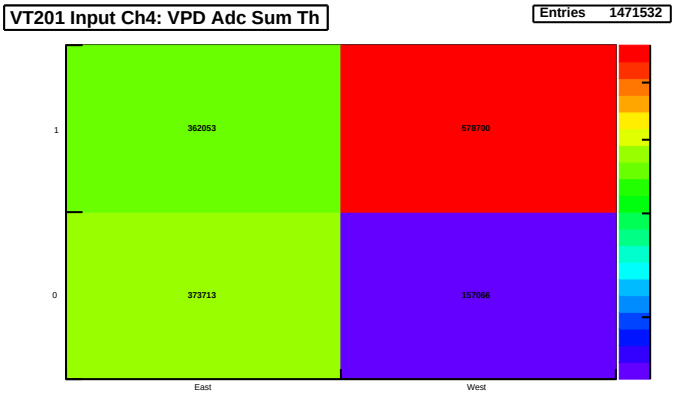

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

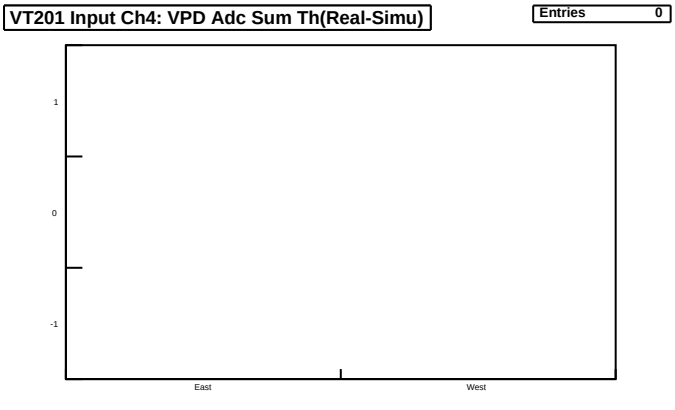

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5886128
14976
3887
29
17
13009
5479
75
67
720790
731879
735737
735749
722757
730287
735691
735699
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

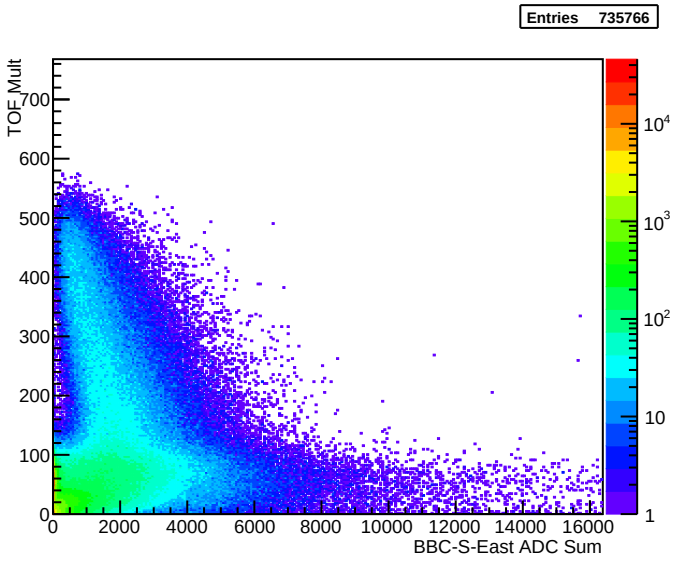

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

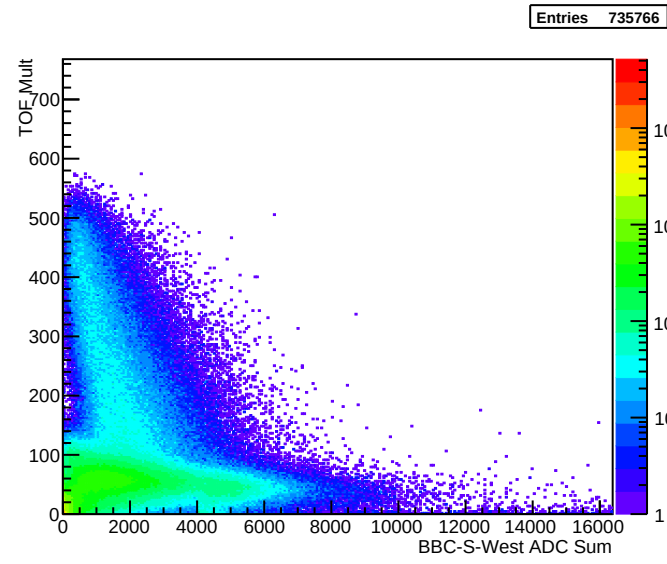

VT201 Input Ch4: VPD Tac Diff
Entries 735766
Tac

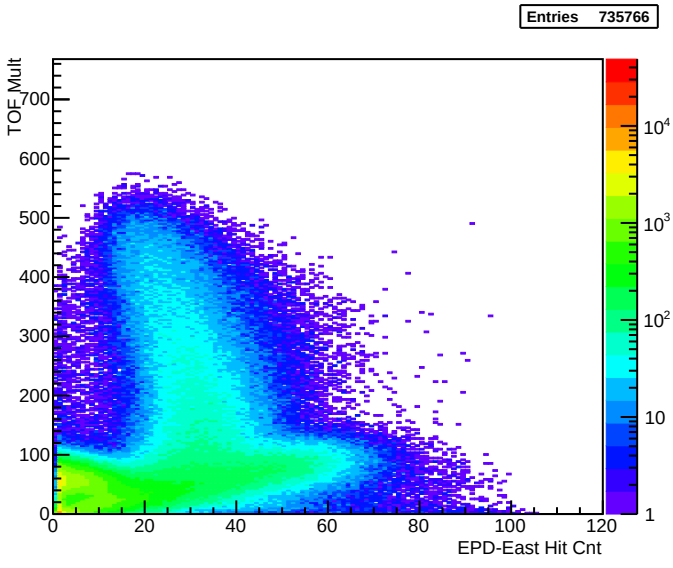

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

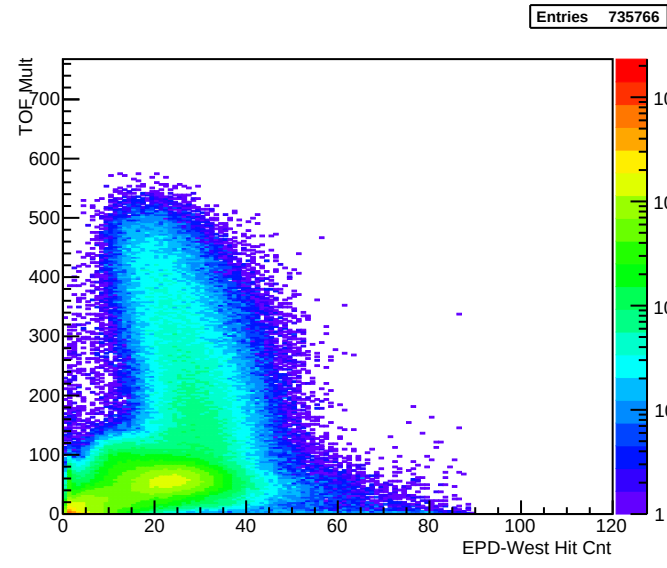

VT201 Input Ch4: VPD Adc Sum Th
Entries 1471532
362053
578700
373713
157066
East
West

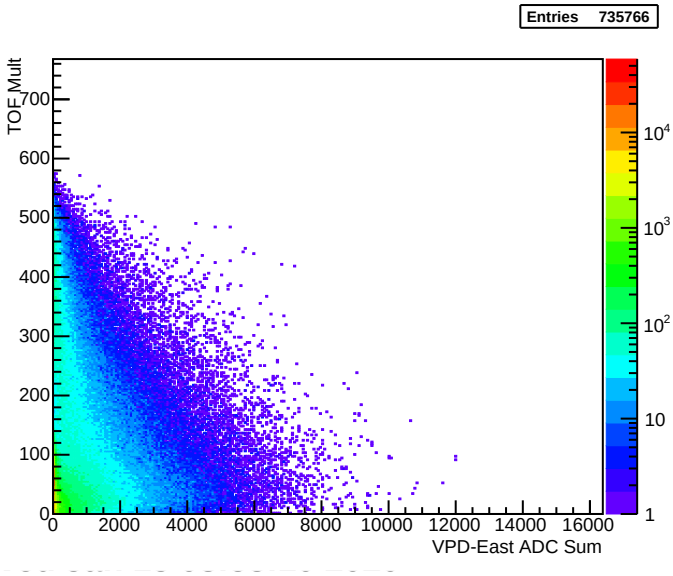

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

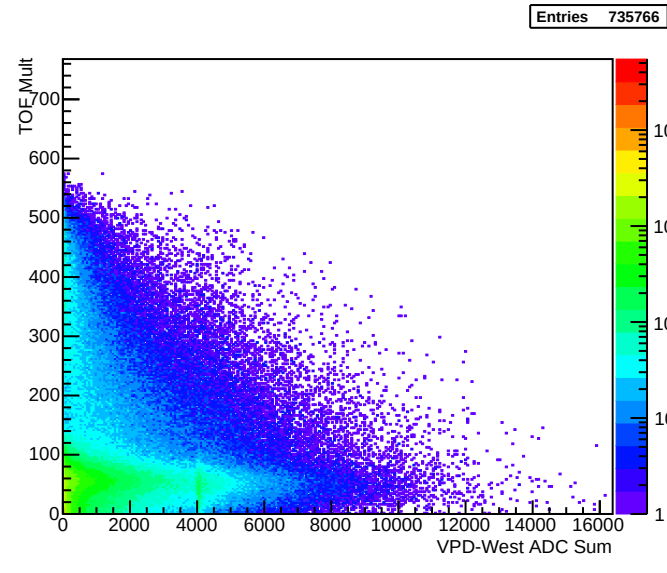

Entries 735766
TOF_Mult
BBC-S-East ADC Sum

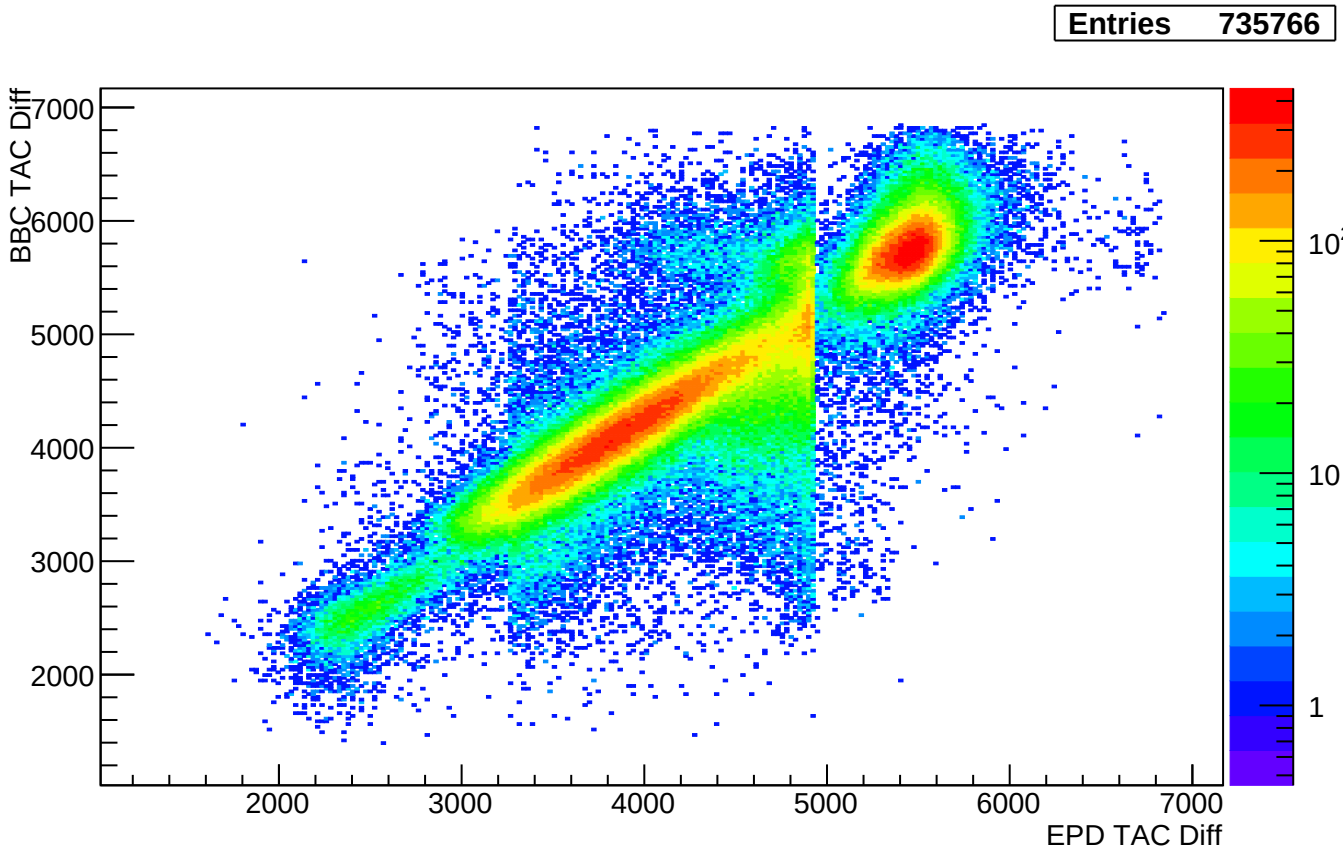

Entries 735766
TOF_Mult
BBC-S-West ADC Sum

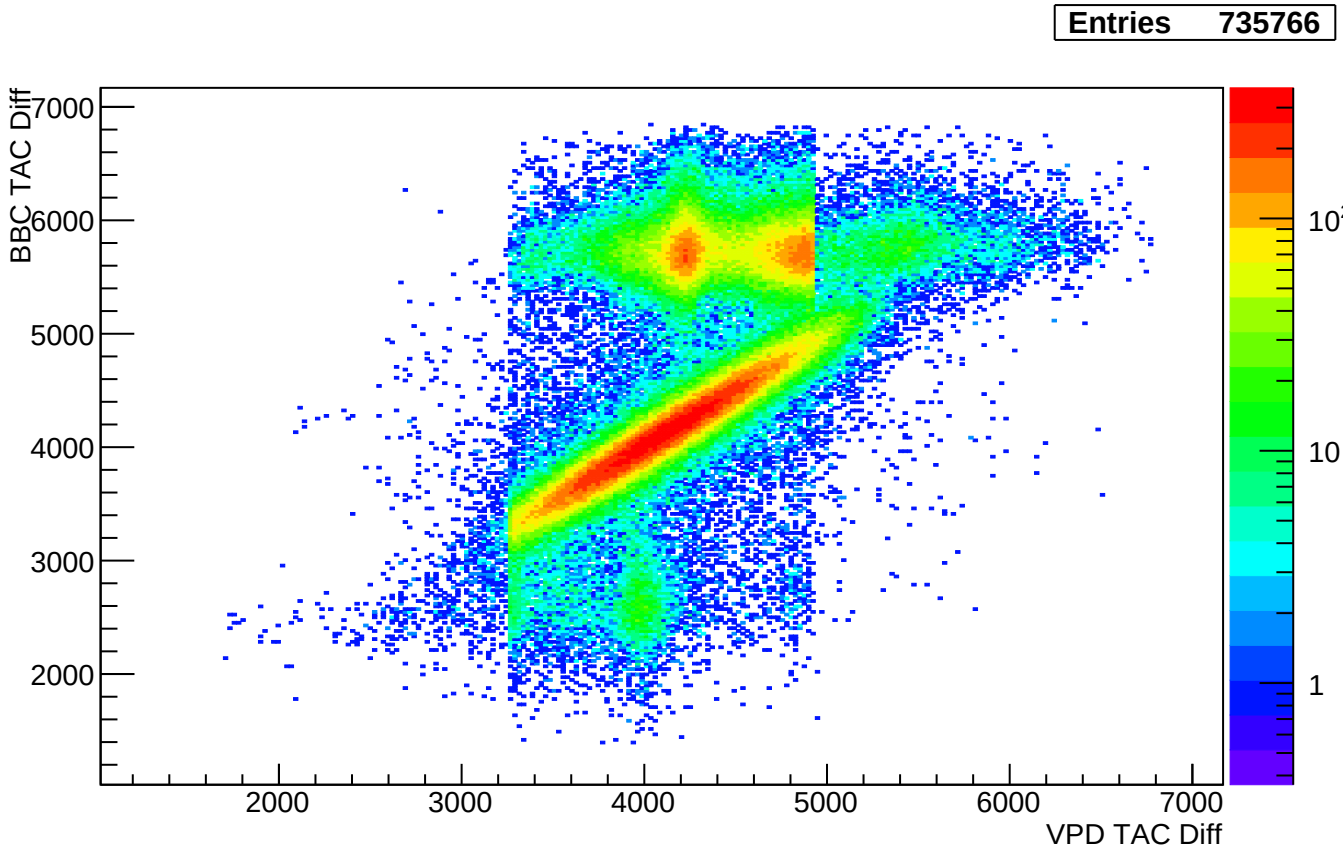

Entries 735766
TOF_Mult
EPD-East Hit Cnt

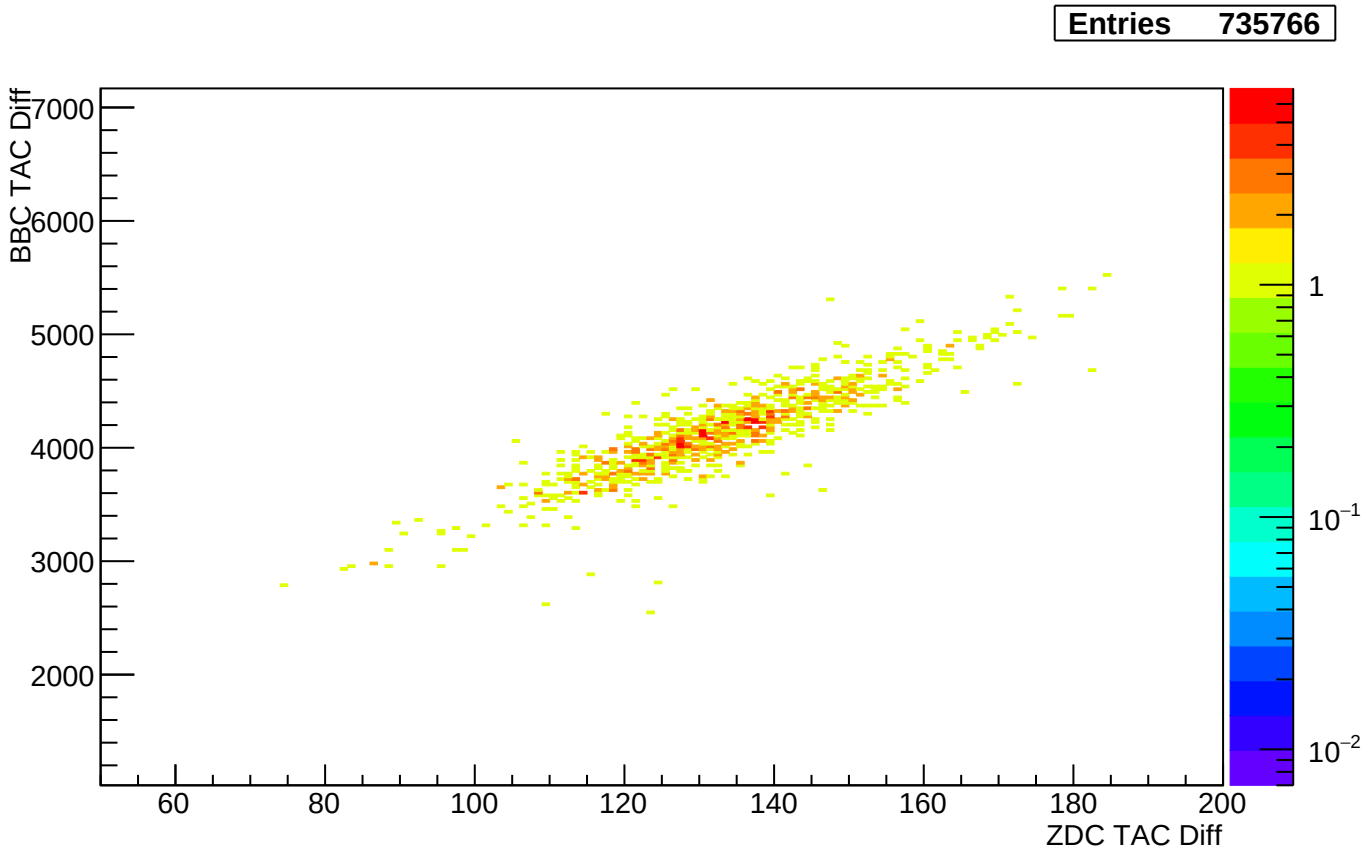

Entries 735766
TOF_Mult
EPD-West Hit Cnt

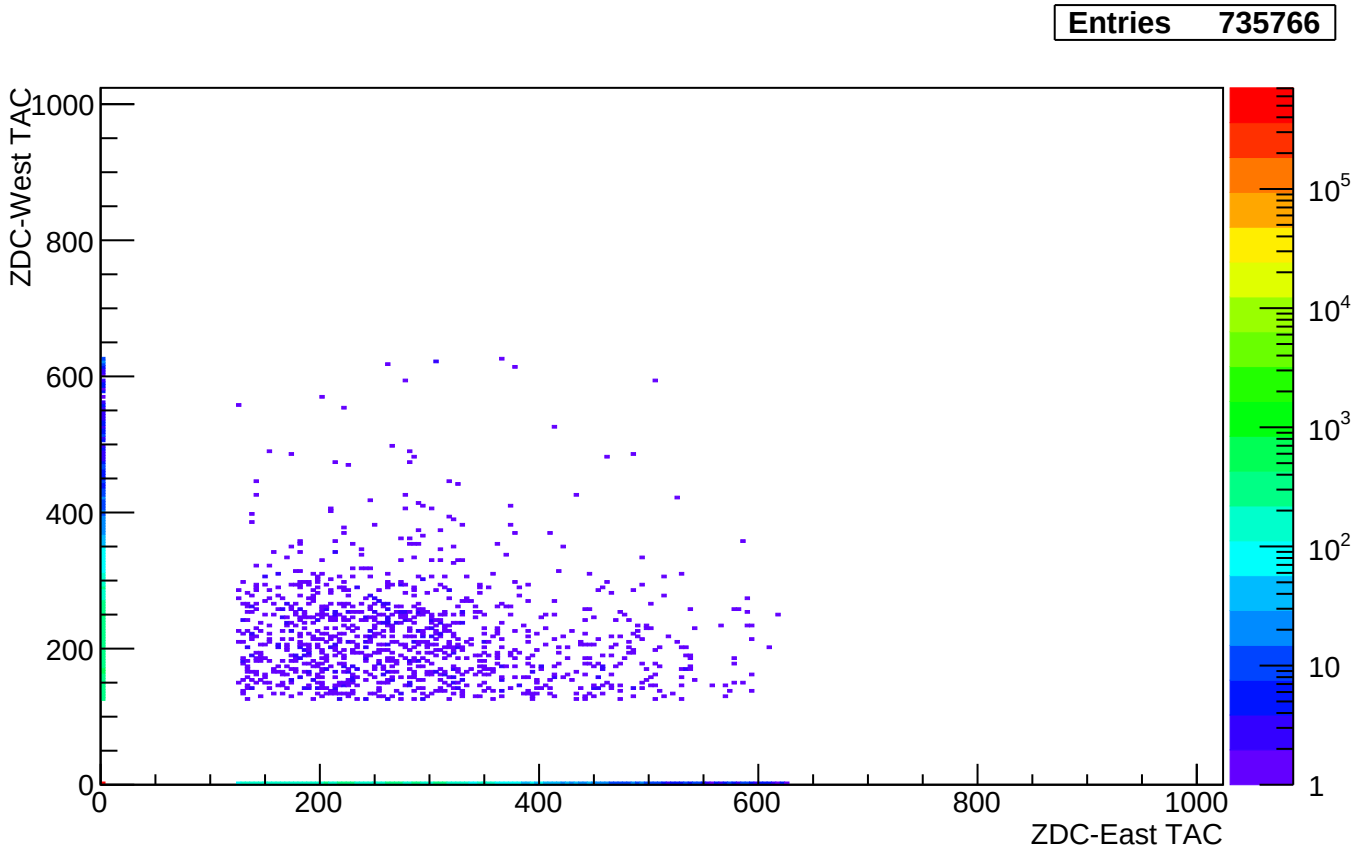

Entries 735766
TOF_Mult
VPD-East ADC Sum

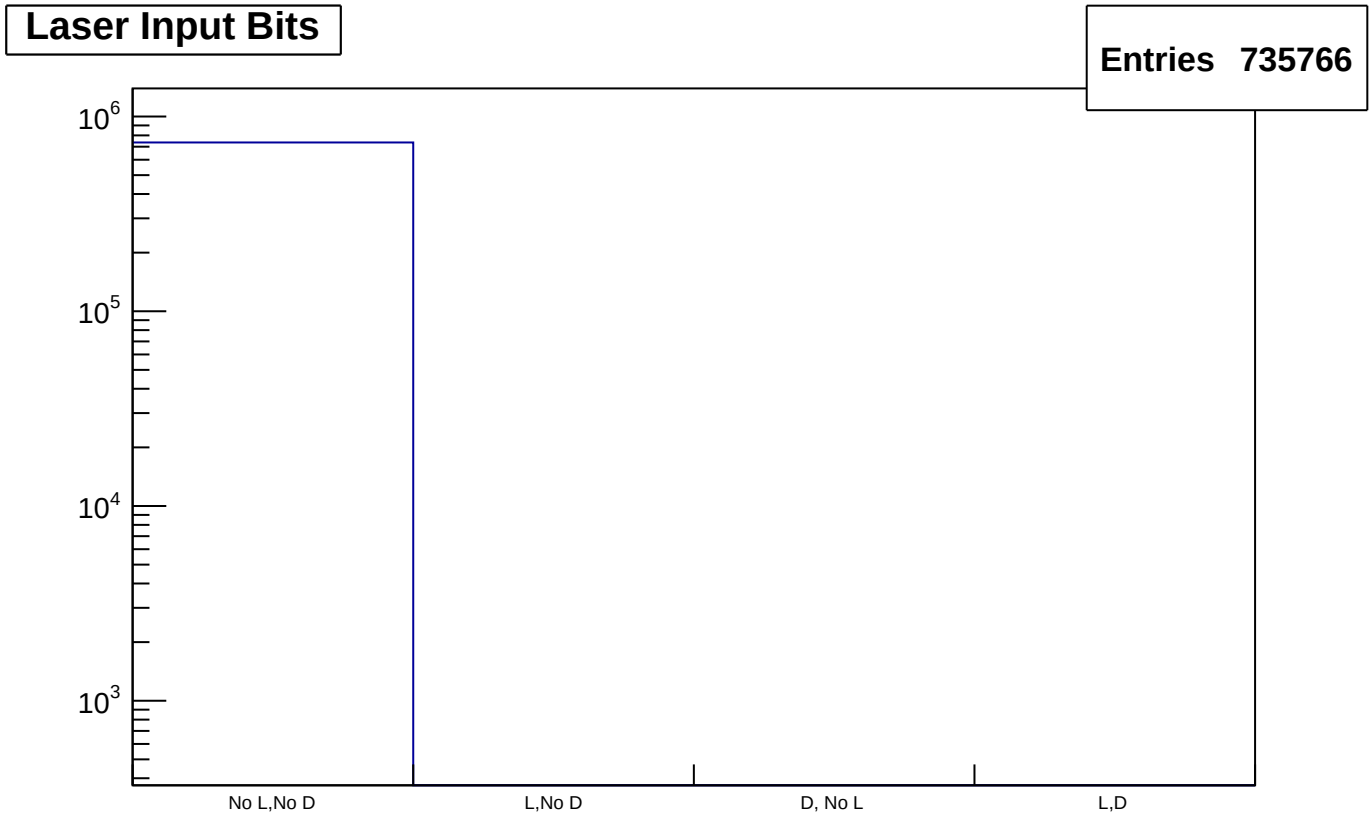

Entries 735766
TOF_Mult
VPD-West ADC Sum

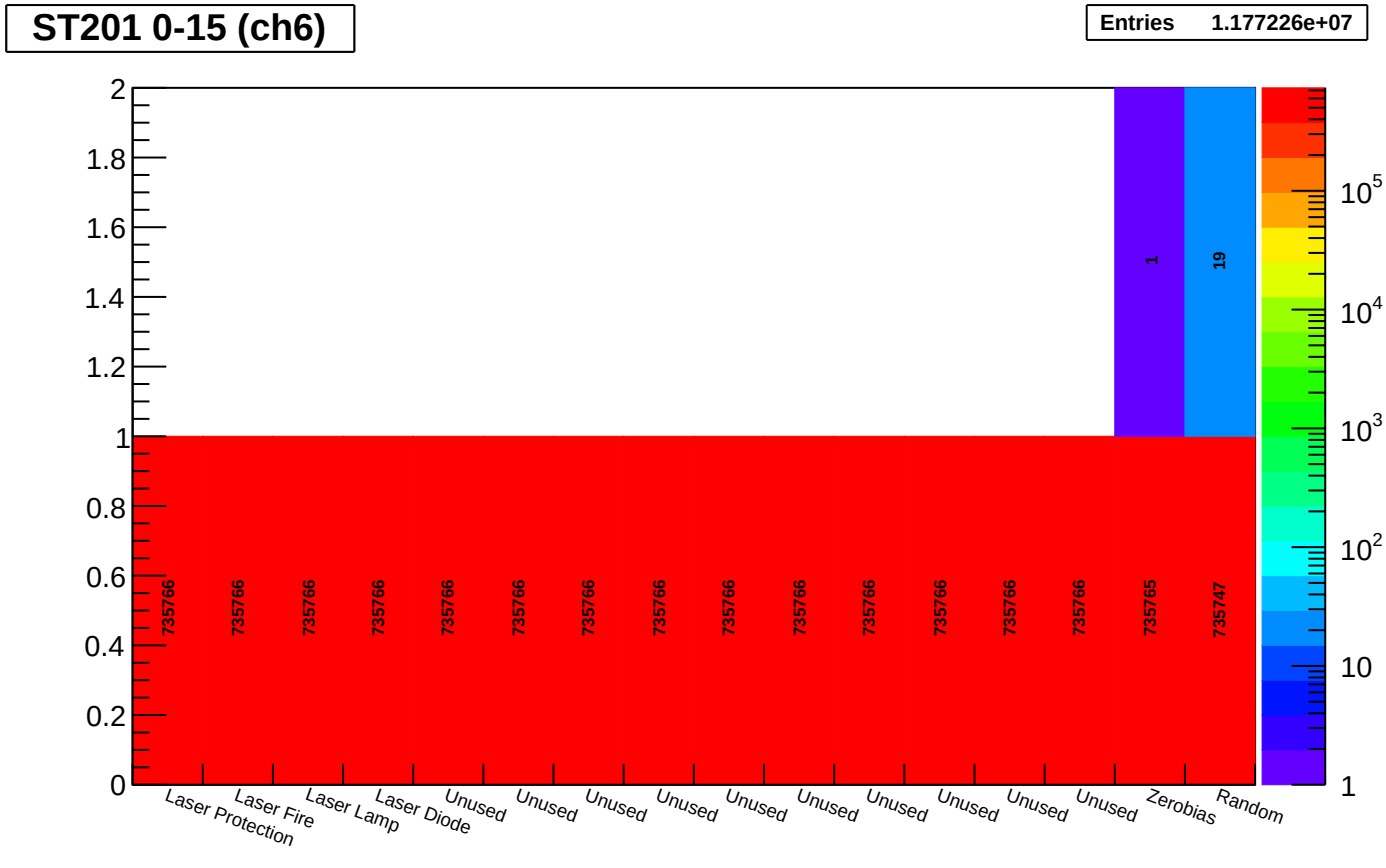

Entries 735766
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

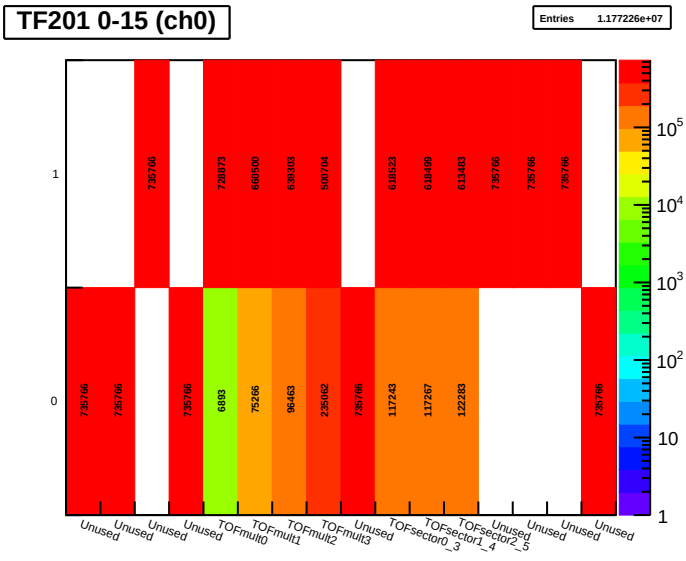

Entries 735766
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

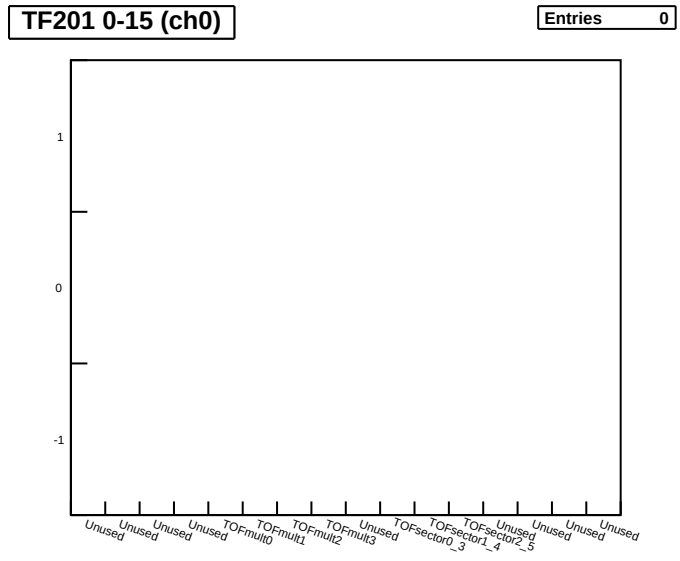

Entries 735766
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

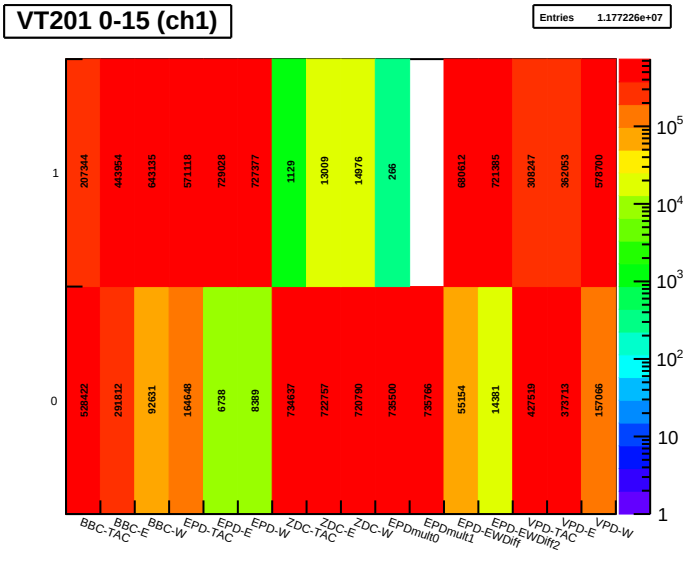

Entries 735766
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

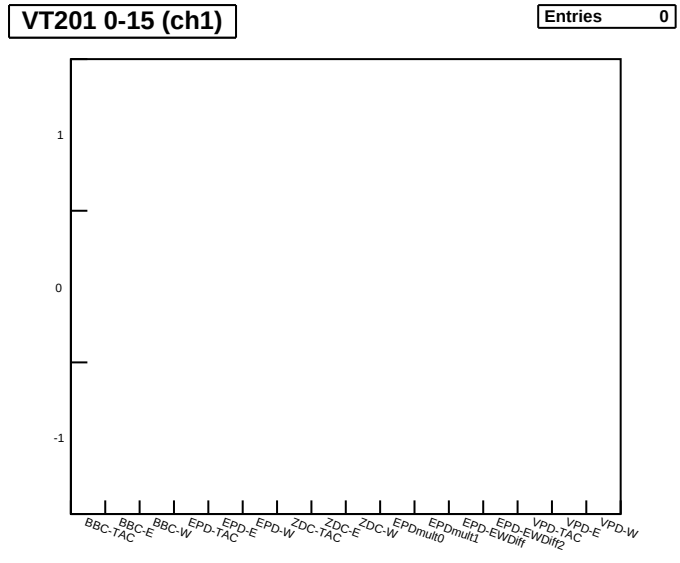

Laser Input Bits
Entries 735766
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

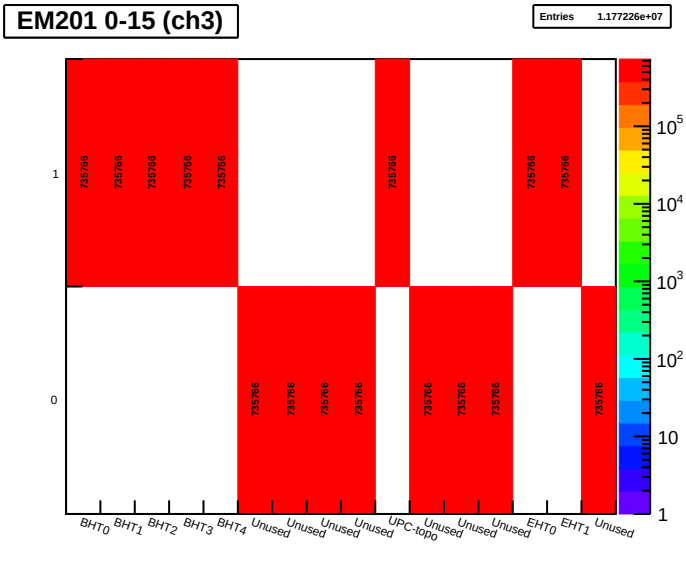

ST201 0-15 (ch6)
Entries 1.177226e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
735766
735766
735766
735766
735766
735766
735766
735766
735766
735766
735766
735766
735766
735766
735765
735747
1
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

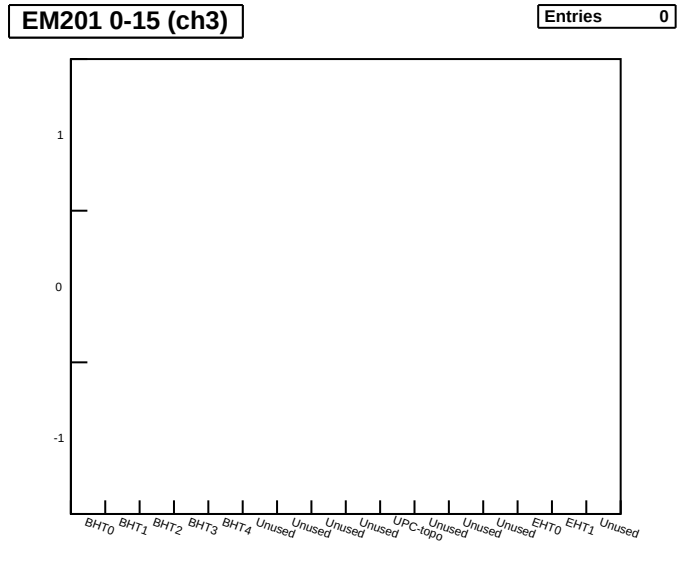

TF201 0-15 (ch0)
Entries 1.177226e+07
1
0
735766 728873 660500 639303 500704 618523 618499 613483 735766 735766 735766
735766 735766 735766 6893 75266 96463 235062 735766 117243 117267 122283 735766
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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


VT201 0-15 (ch1)
Entries 1.177226e+07
1
0
207344 443954 643135 571118 729028 727377 1129 13009 14076 266 680612 721385 308247 362053 578700
528422 291812 92631 164648 6738 8389 734637 722757 720790 735500 735766 55154 14381 427519 373713 157066
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 1.177226e+07
1
0
735766 735766 735766 735766 735766 735766 735766 735766
735766 735766 735766 735766 735766 735766 735766 735766
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