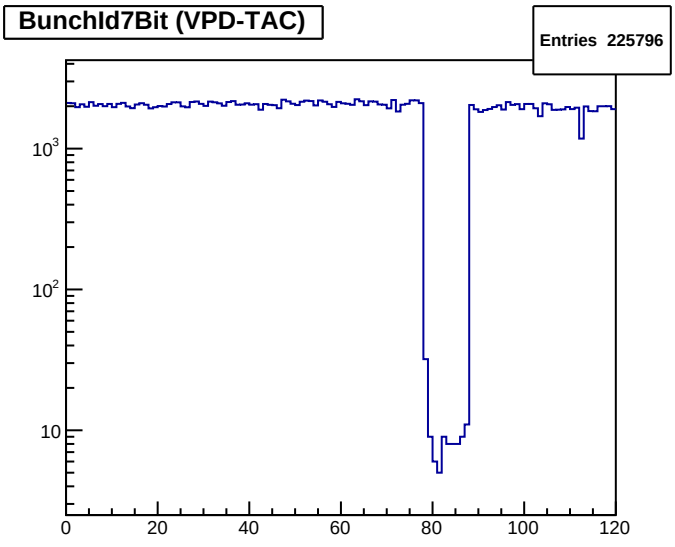
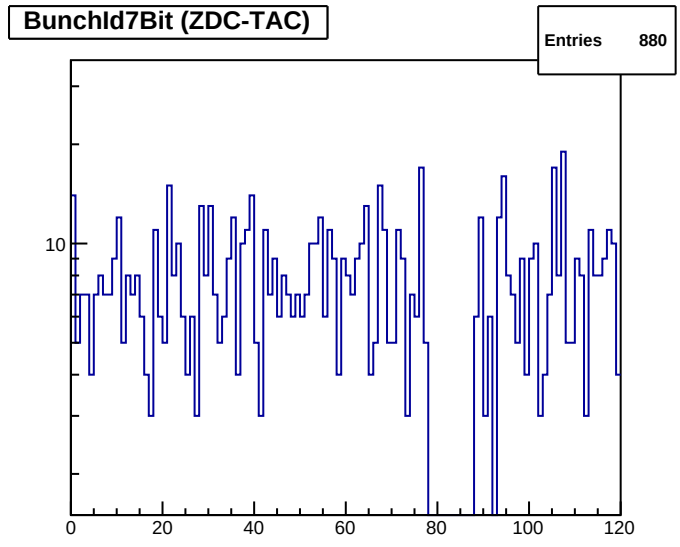
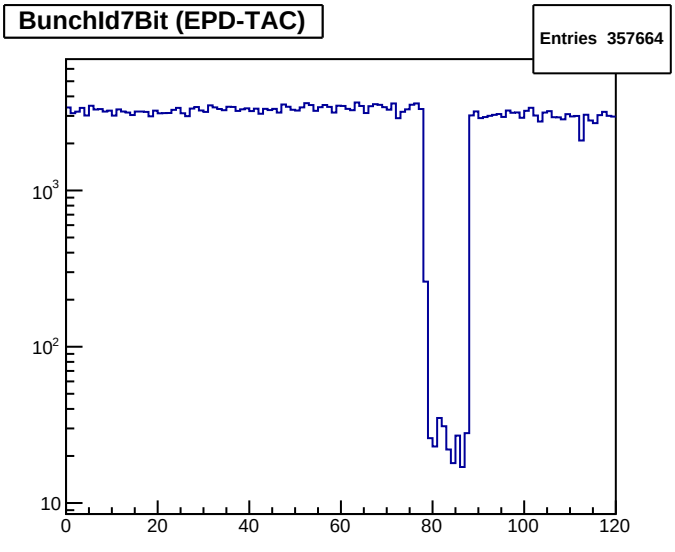
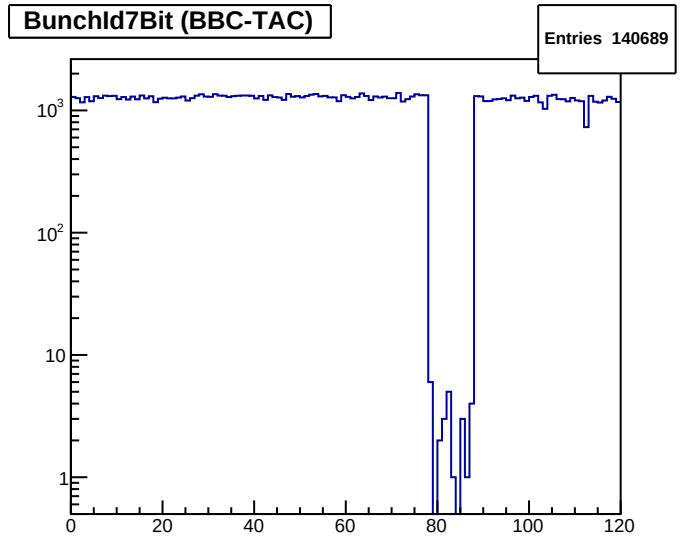
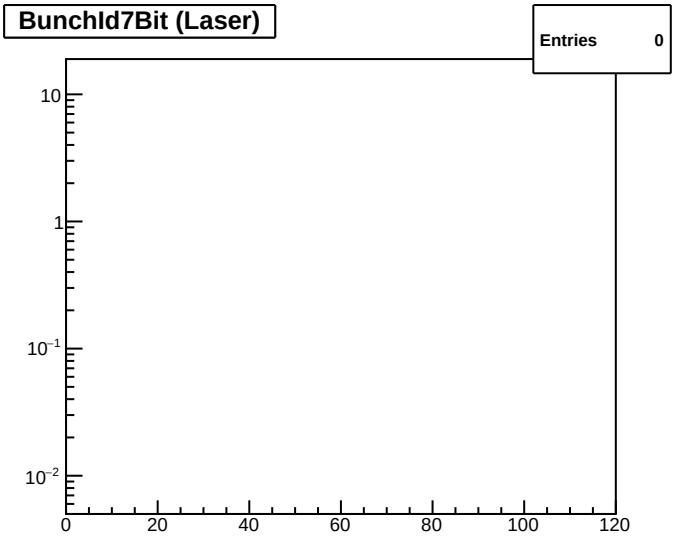
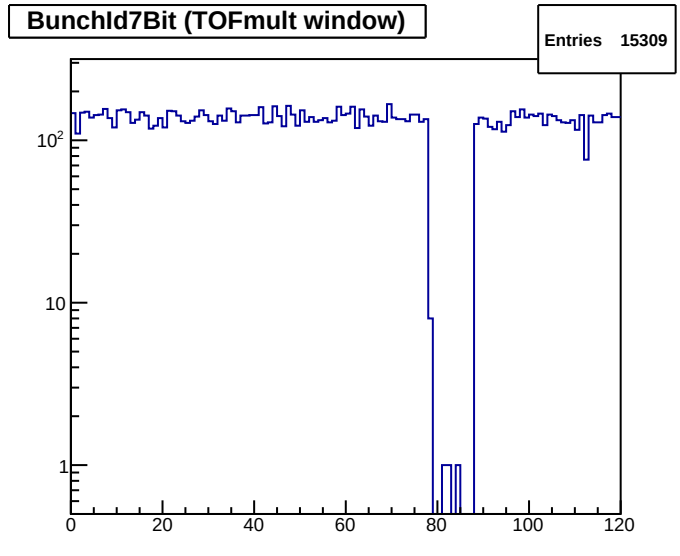

BunchId7Bit (VPD-TAC)
Entries 225796

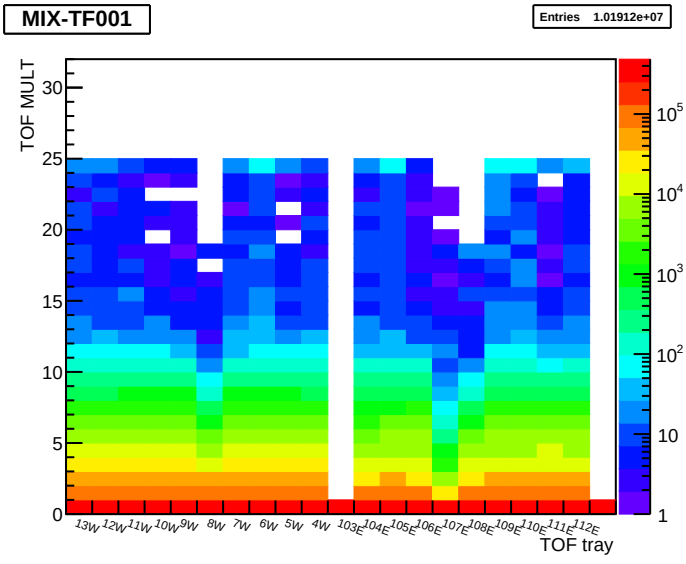

BunchId7Bit (ZDC-TAC)
Entries 880

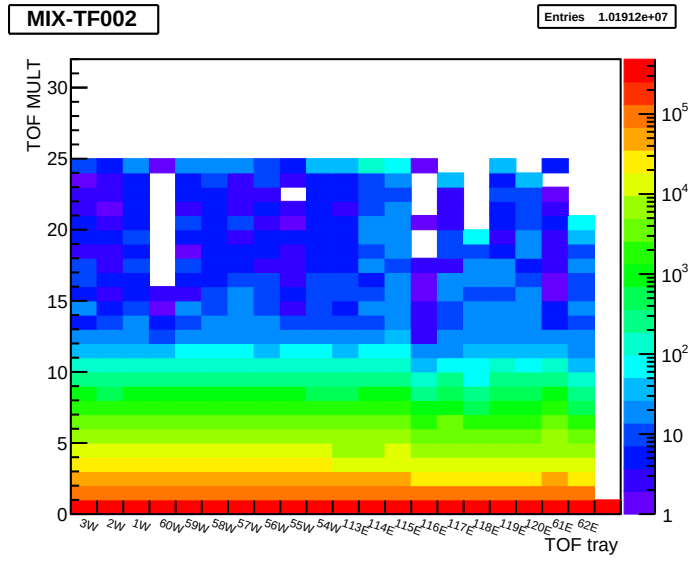

BunchId7Bit (EPD-TAC)
Entries 357664

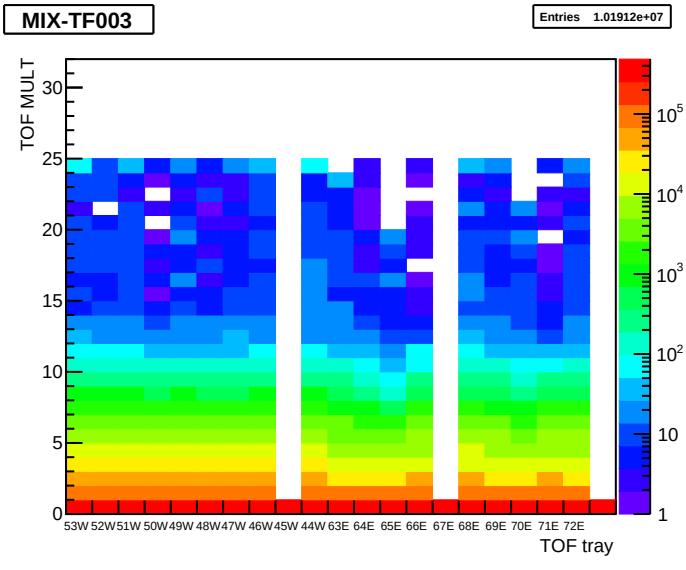

BunchId7Bit (BBC-TAC)
Entries 140689

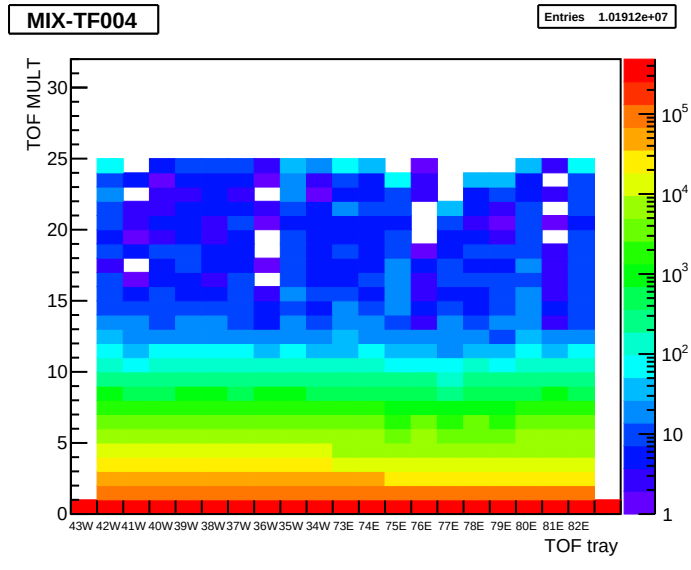

BunchId7Bit (Laser)
Entries 0

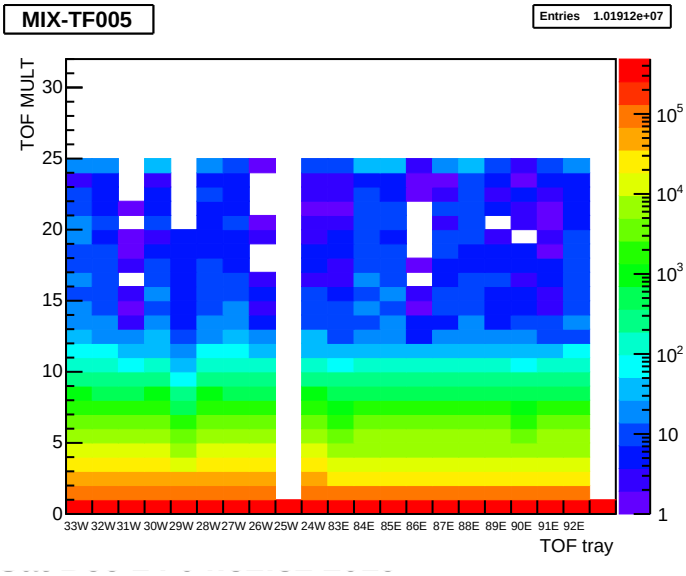

BunchId7Bit (TOFmult window)
Entries 15309

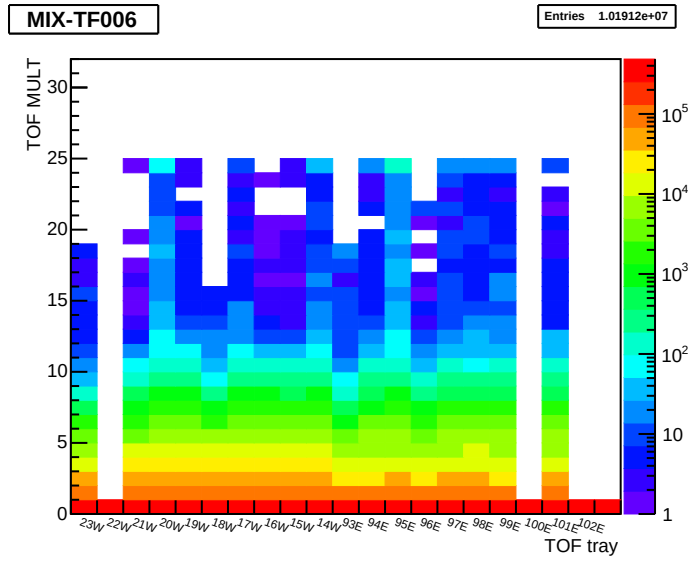

MIX-TF001
Entries 1.01912e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

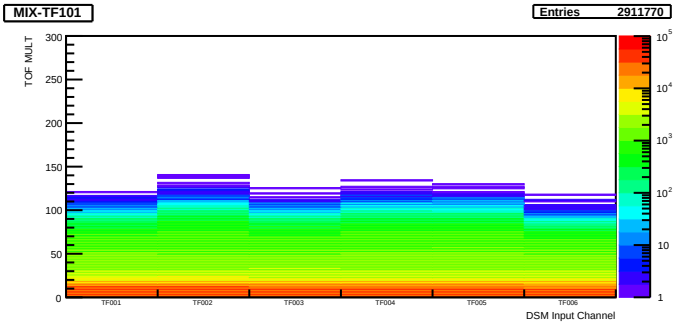

MIX-TF002
Entries 1.01912e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

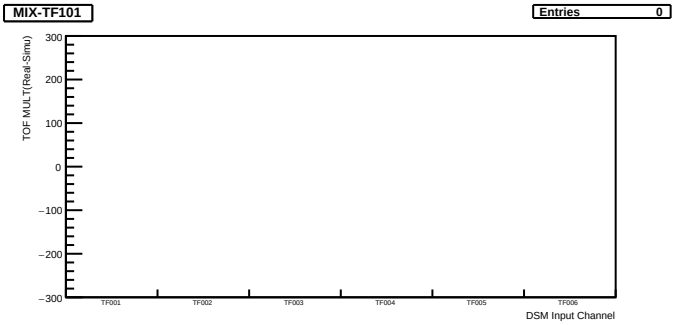

MIX-TF003
Entries 1.01912e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

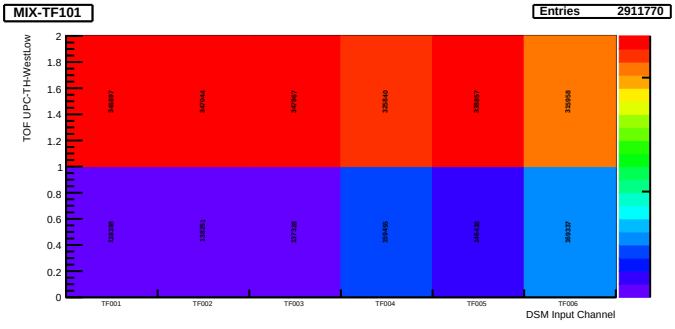

MIX-TF004
Entries 1.01912e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

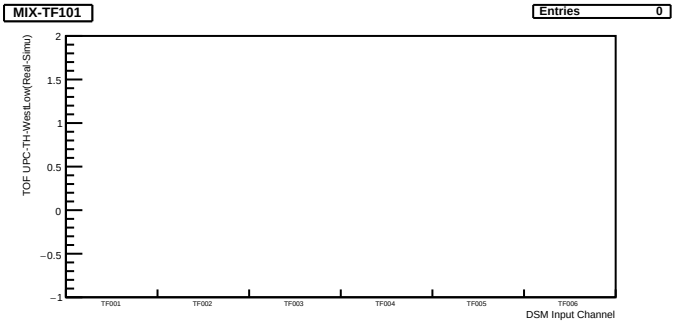

MIX-TF005
Entries 1.01912e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

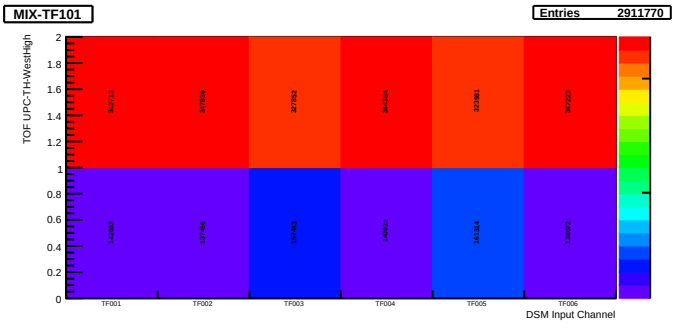

MIX-TF006
Entries 1.01912e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

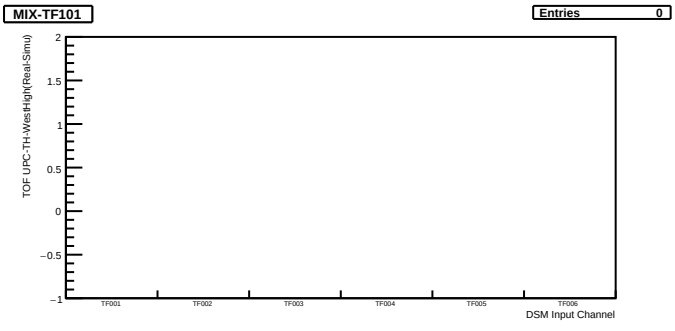

MIX-TF101
Entries 2911770
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

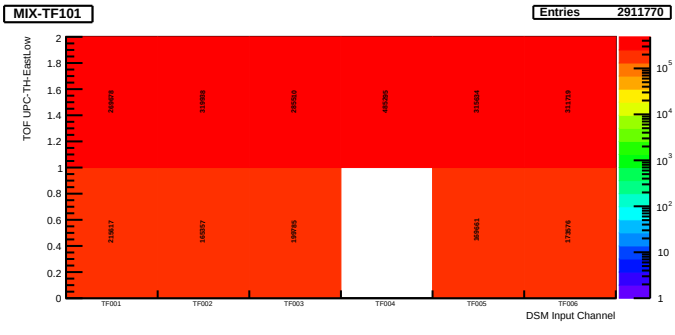

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

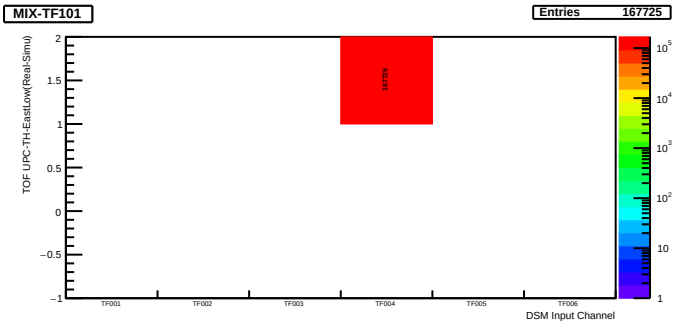

MIX-TF101
Entries 2911770
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

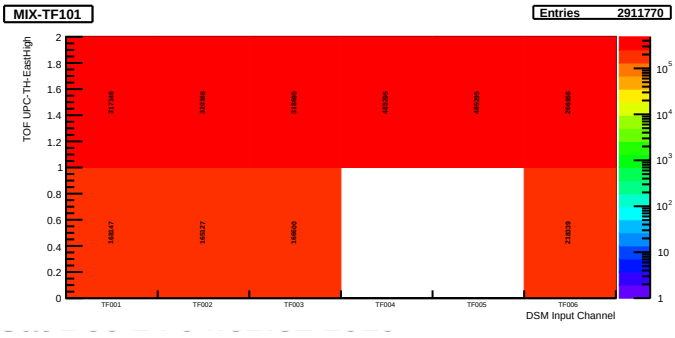

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

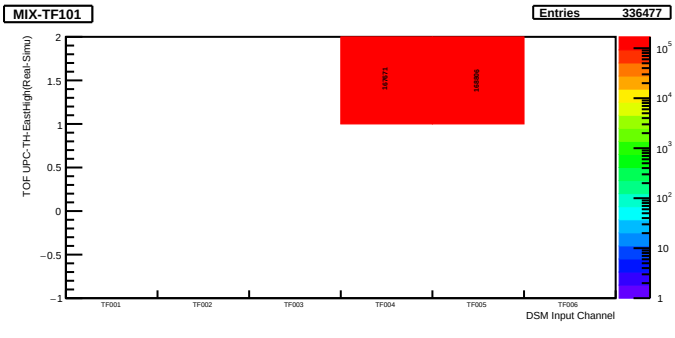

MIX-TF101
Entries 2911770
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

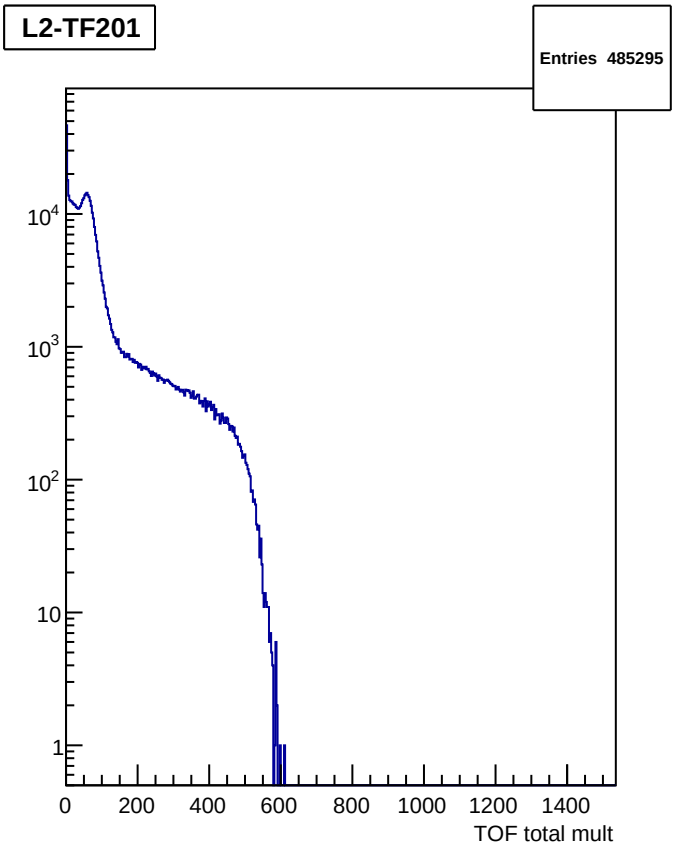

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

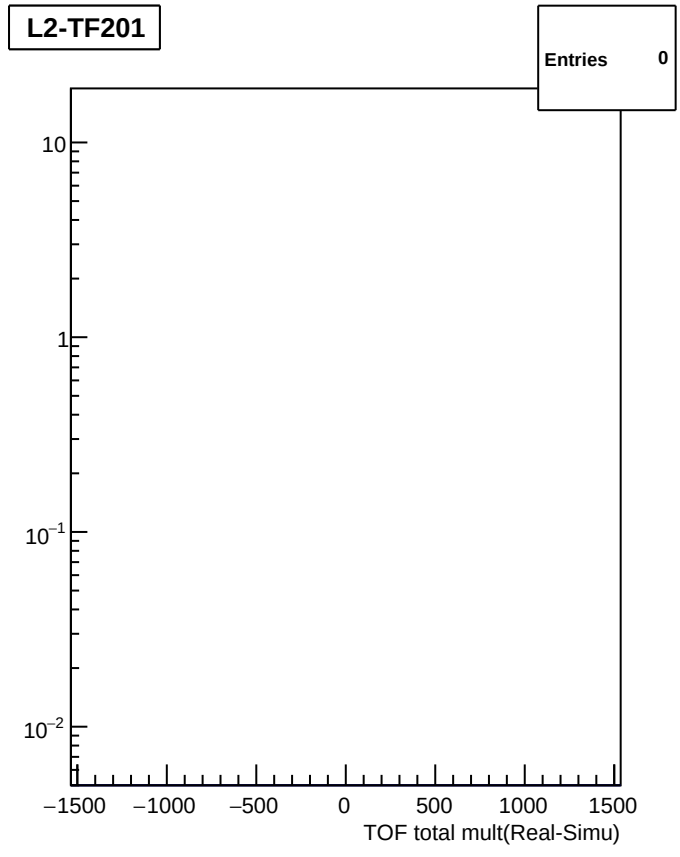

MIX-TF101
Entries 2911770
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

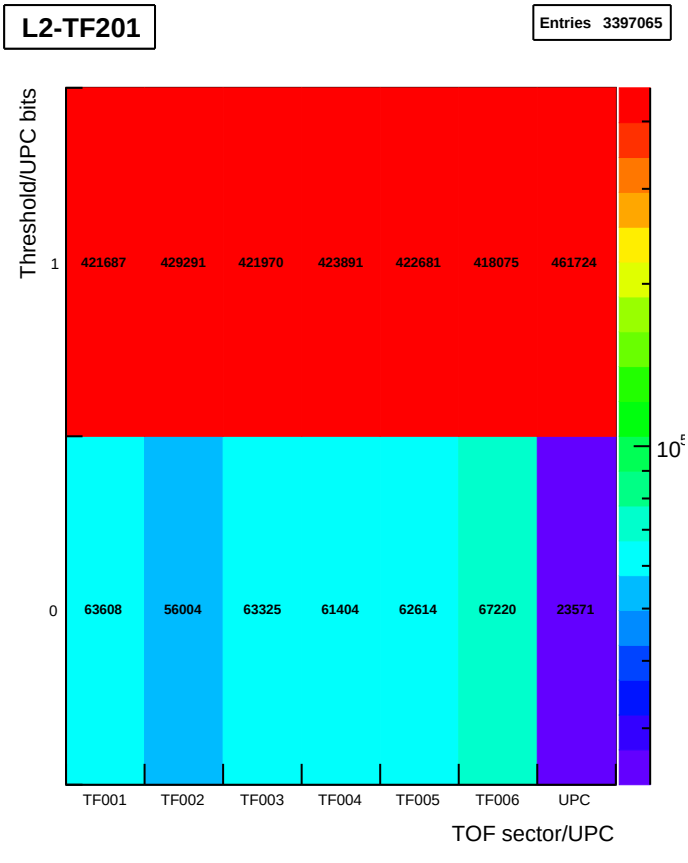

MIX-TF101
Entries 167725
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

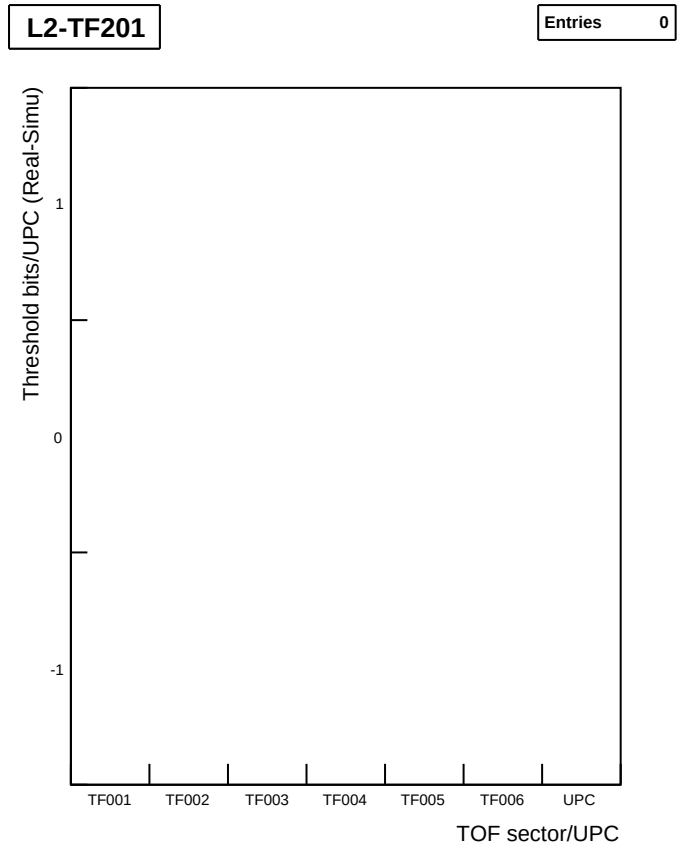

MIX-TF101
Entries 2911770
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

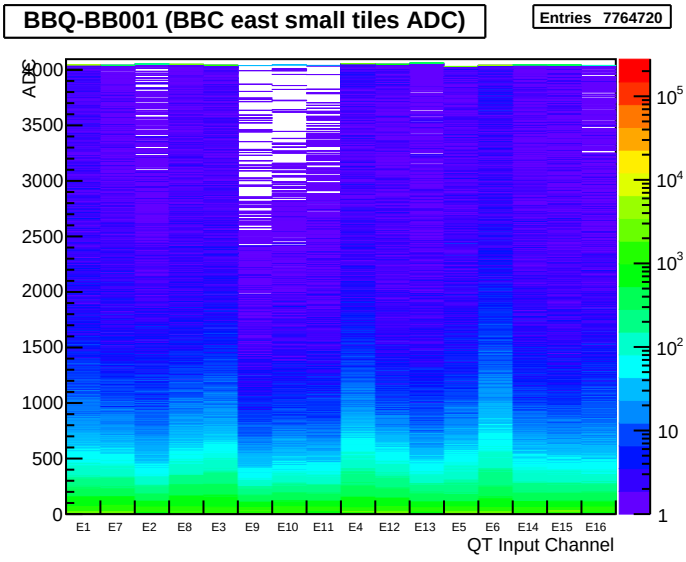

MIX-TF101
Entries 336477
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

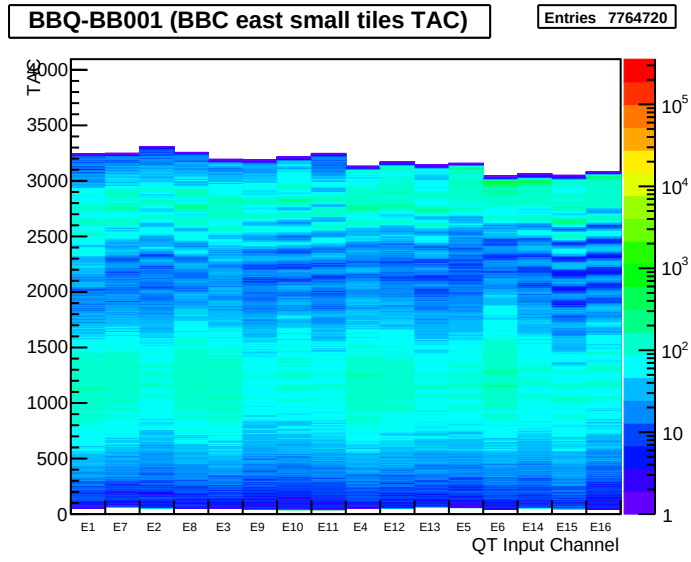

L2-TF201
Entries 485295
TOF total mult

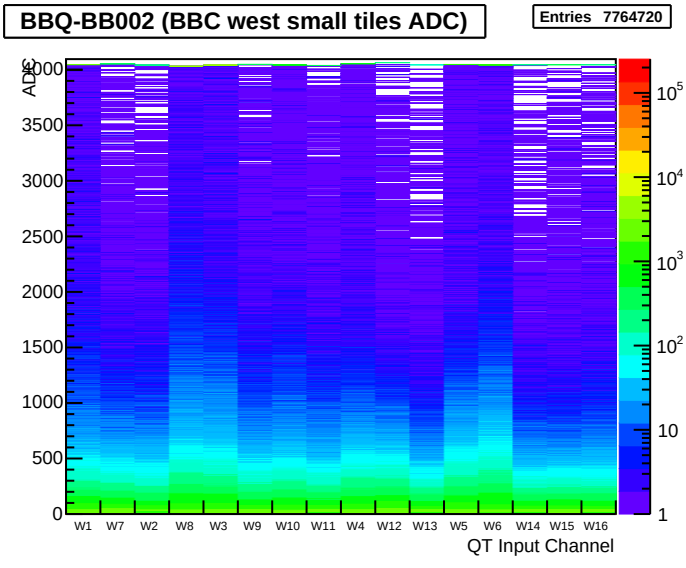

L2-TF201
Entries 0
TOF total mult(Real-Simu)

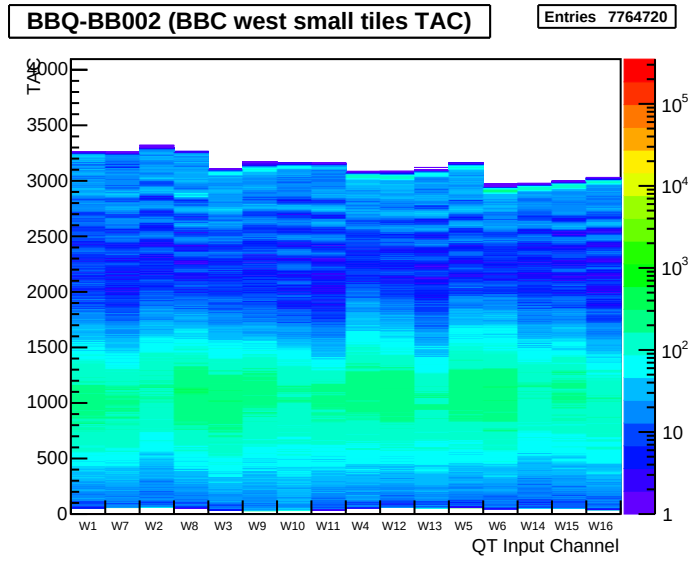

L2-TF201
Entries 3397065
Threshold/UPC bits
421687
429291
421970
423891
422681
418075
461724
63608
56004
63325
61404
62614
67220
23571
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

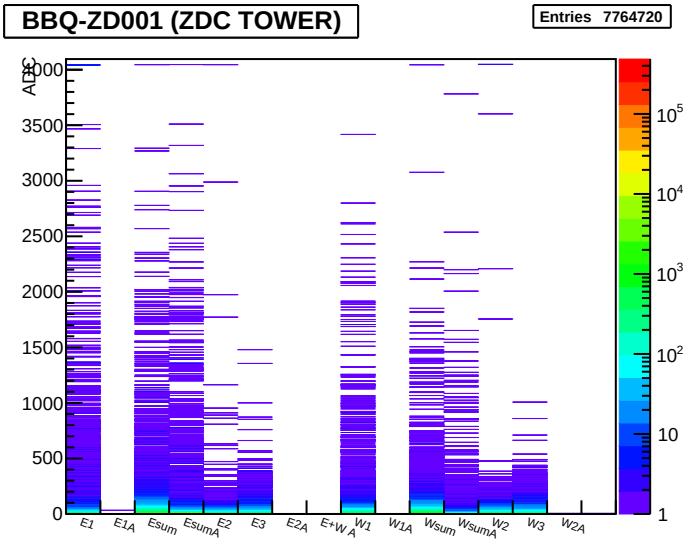

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

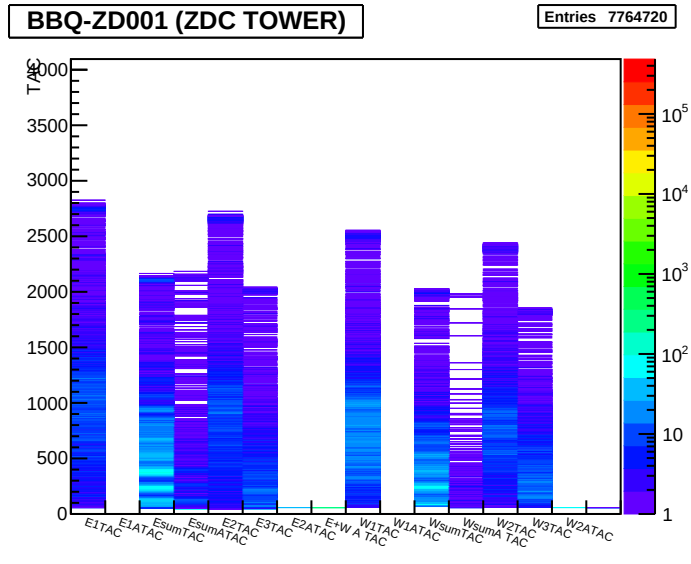

BBQ-BB001 (BBC east small tiles ADC)
Entries 7764720
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

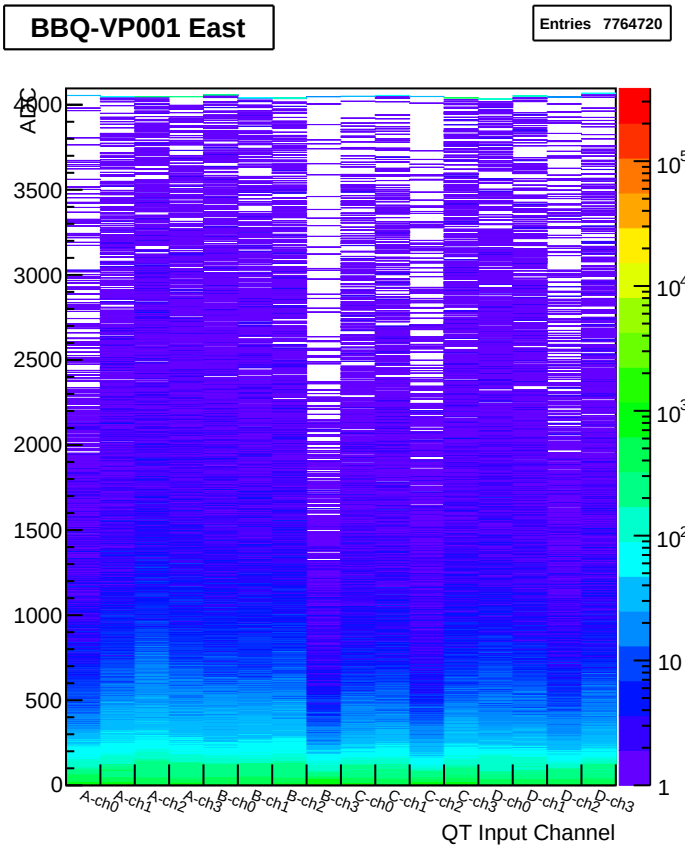

BBQ-BB001 (BBC east small tiles TAC)
Entries 7764720
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

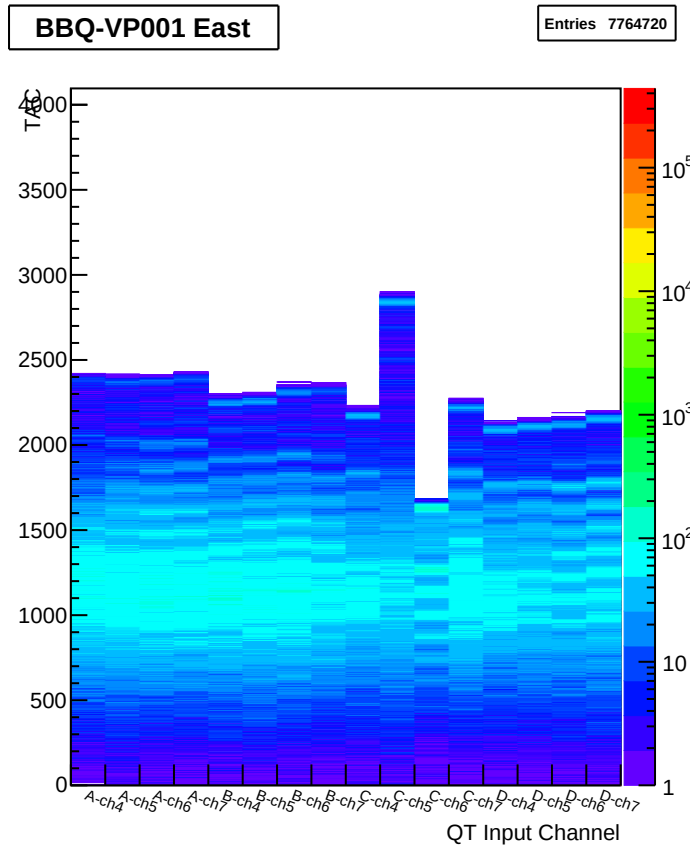

BBQ-BB002 (BBC west small tiles ADC)
Entries 7764720
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

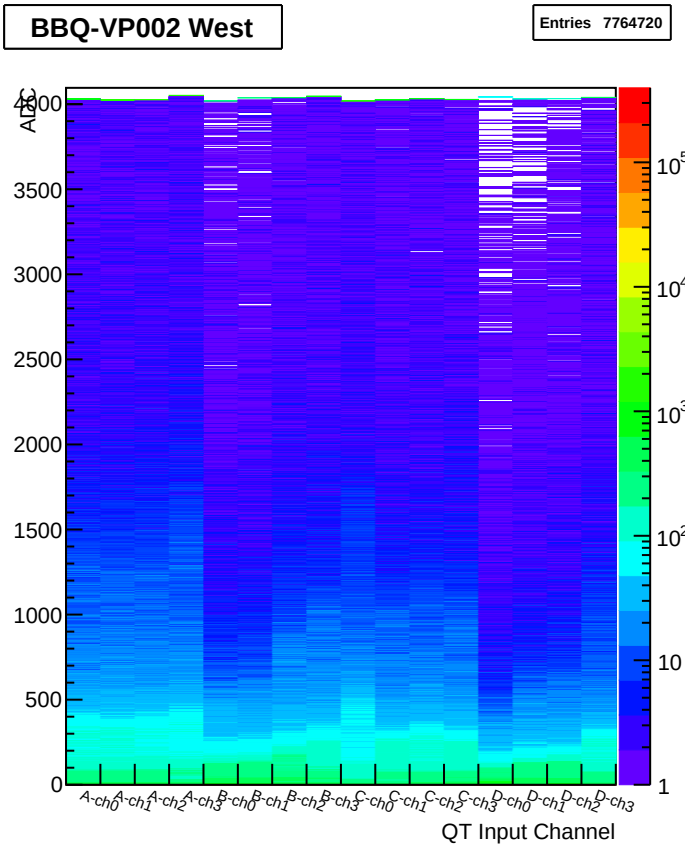

BBQ-BB002 (BBC west small tiles TAC)
Entries 7764720
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

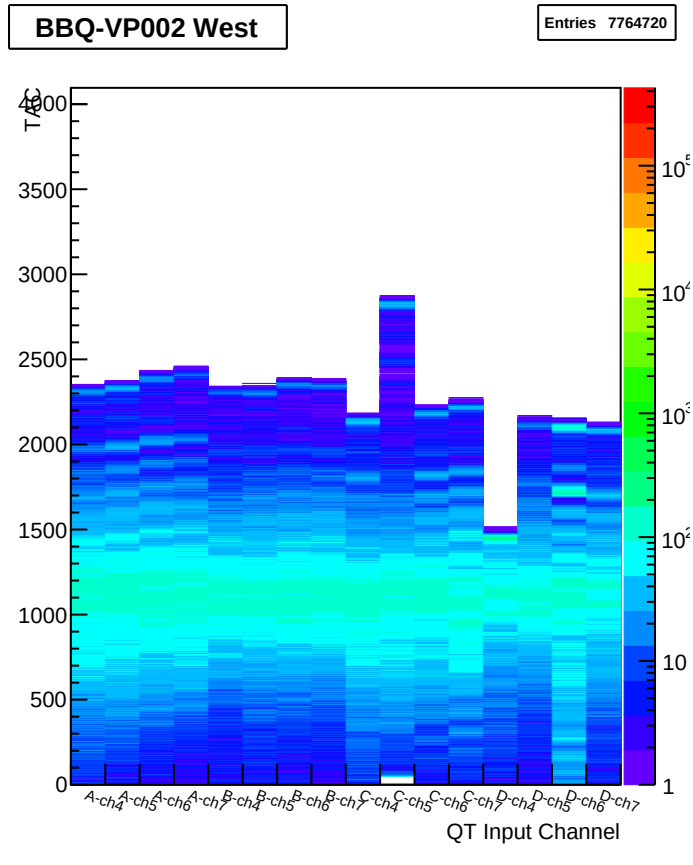

BBQ-ZD001 (ZDC TOWER)
Entries 7764720
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

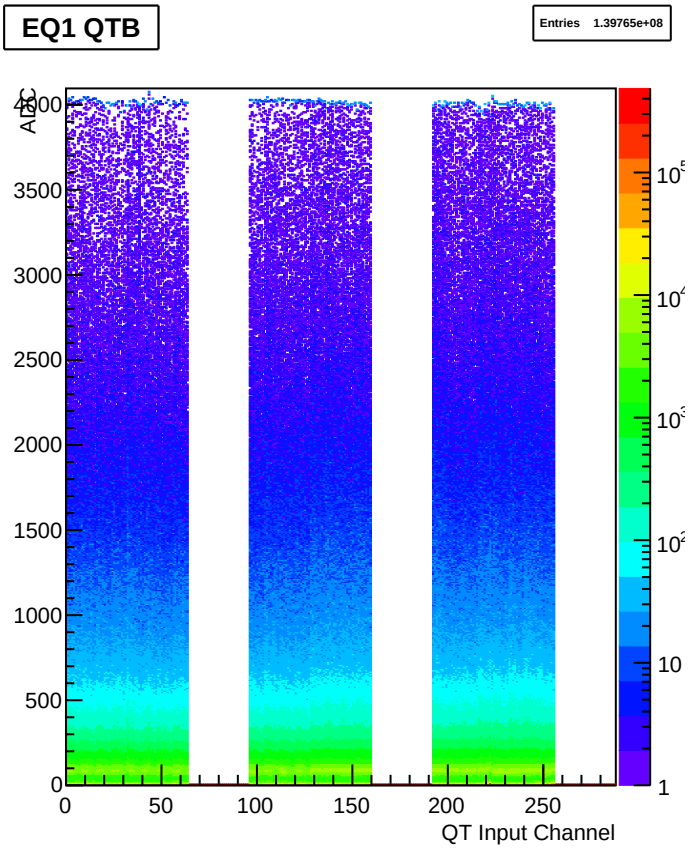

BBQ-ZD001 (ZDC TOWER)
Entries 7764720
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

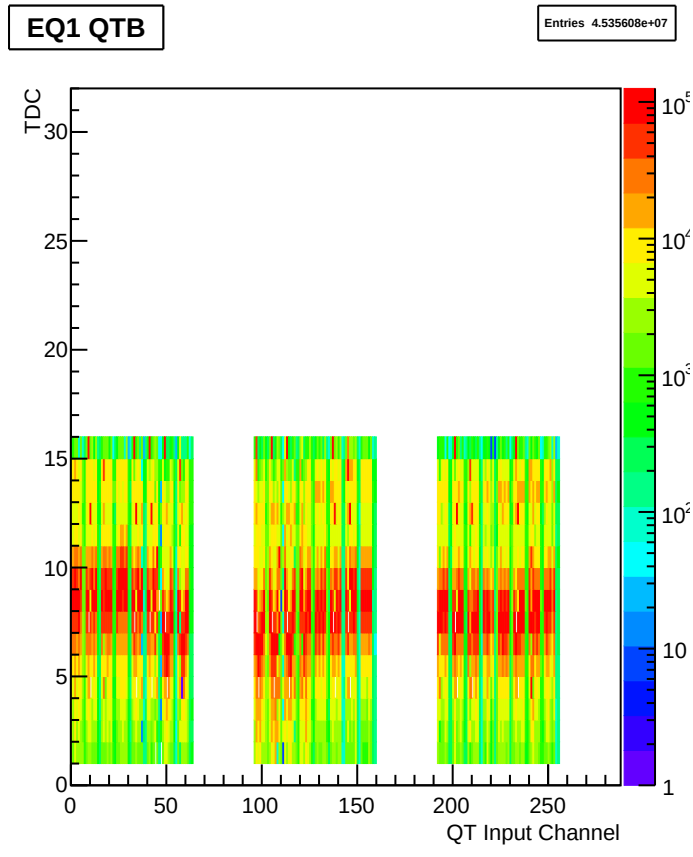

BBQ-VP001 East
Entries 7764720
ADC
QT Input Channel

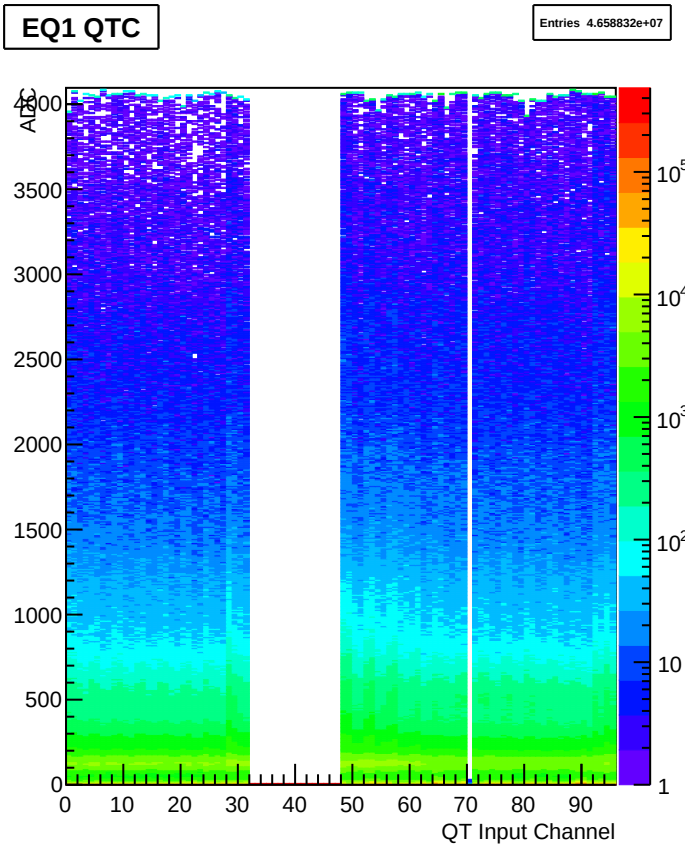

BBQ-VP001 East
Entries 7764720
ADC
QT Input Channel

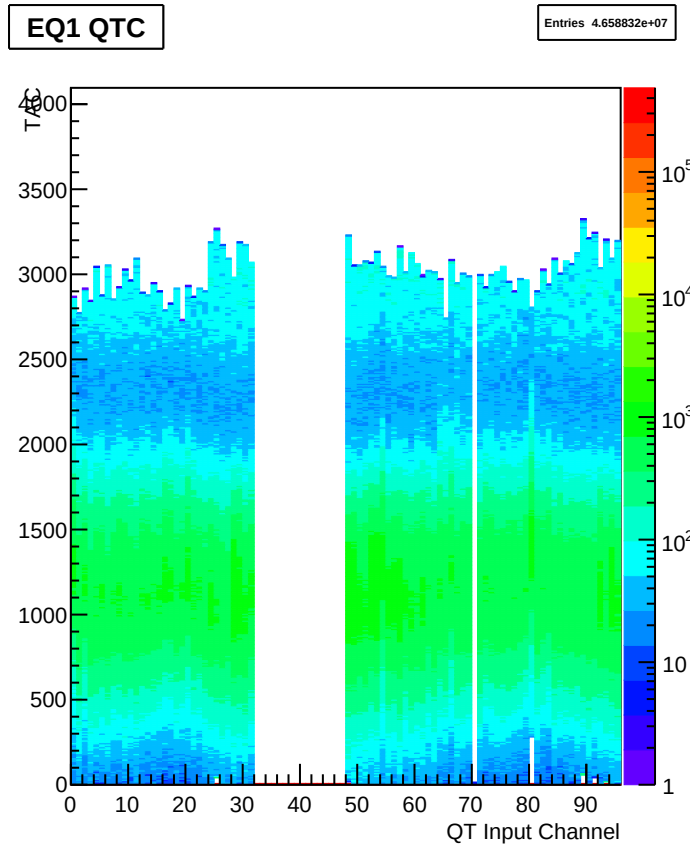

BBQ-VP002 West
Entries 7764720
ADC
QT Input Channel

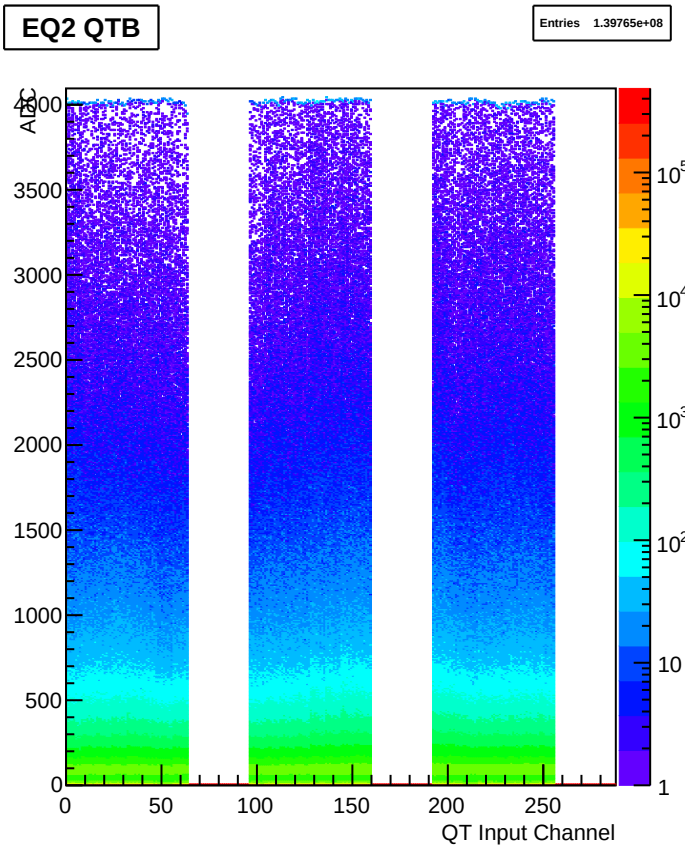

BBQ-VP002 West
Entries 7764720
ADC
QT Input Channel

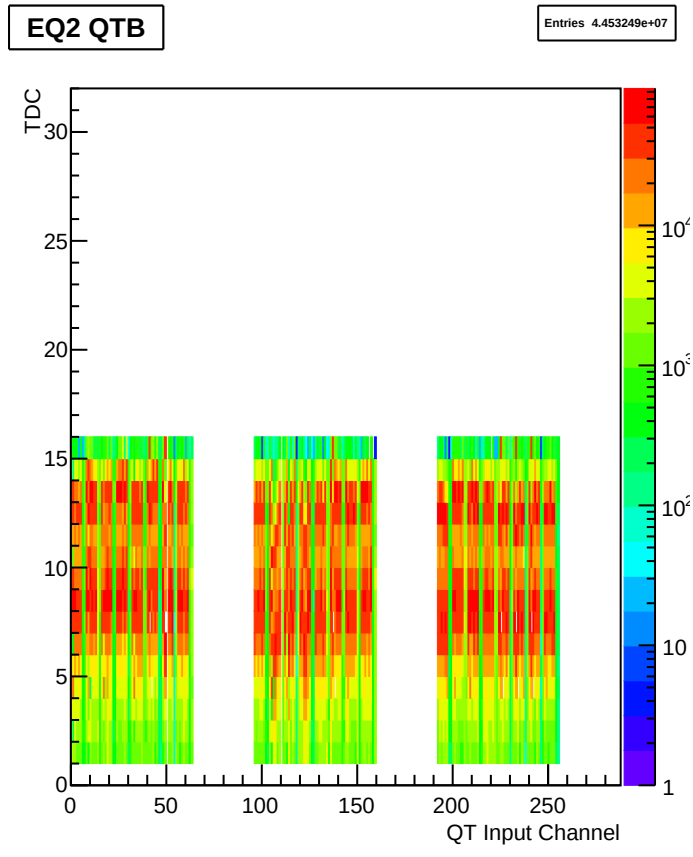

EQ1 QTB
Entries 1.39765e+08
ADC
QT Input Channel

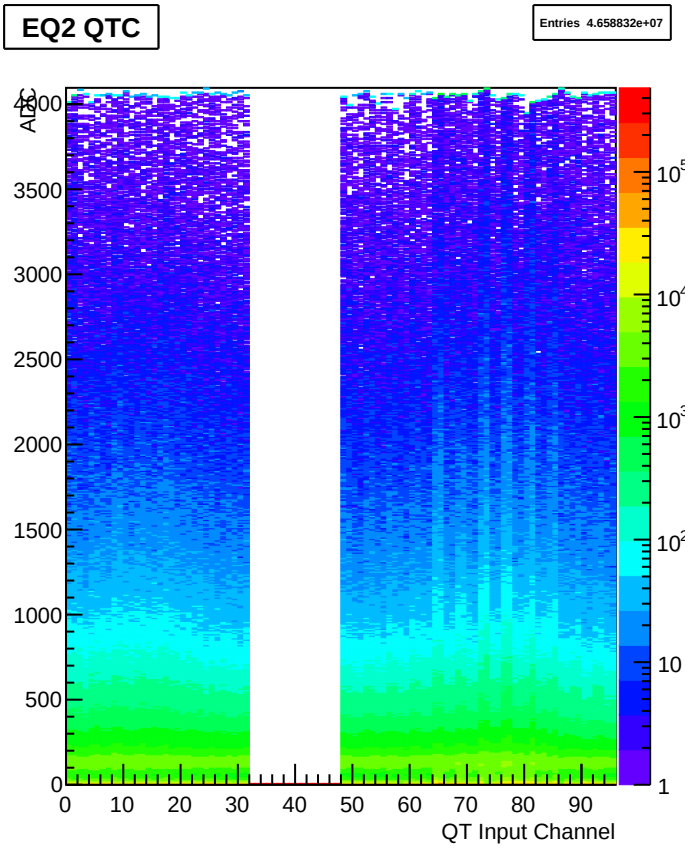

EQ1 QTB
Entries 4.535608e+07
TDC
QT Input Channel

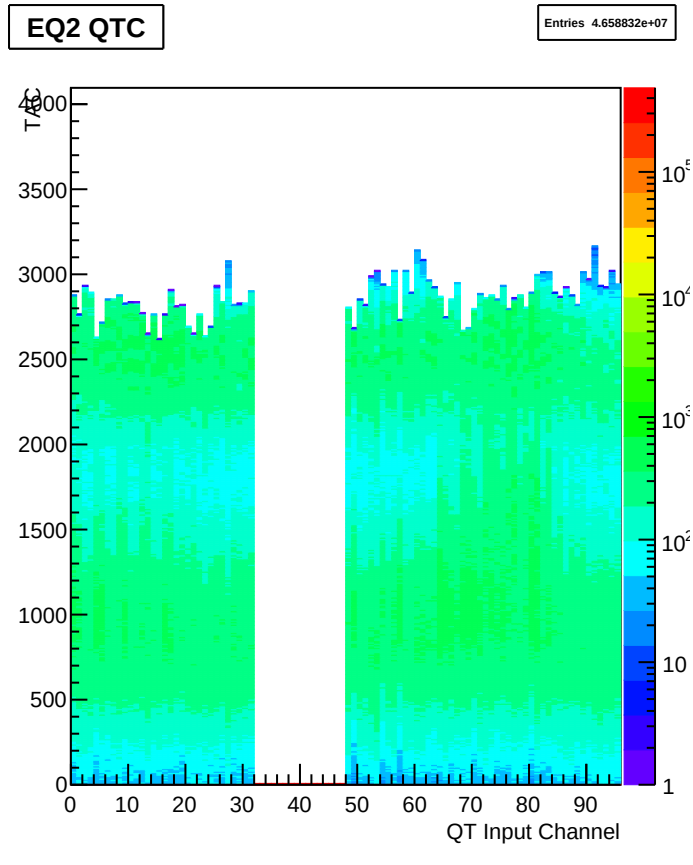

EQ1 QTC
Entries 4.658832e+07
ADC
QT Input Channel

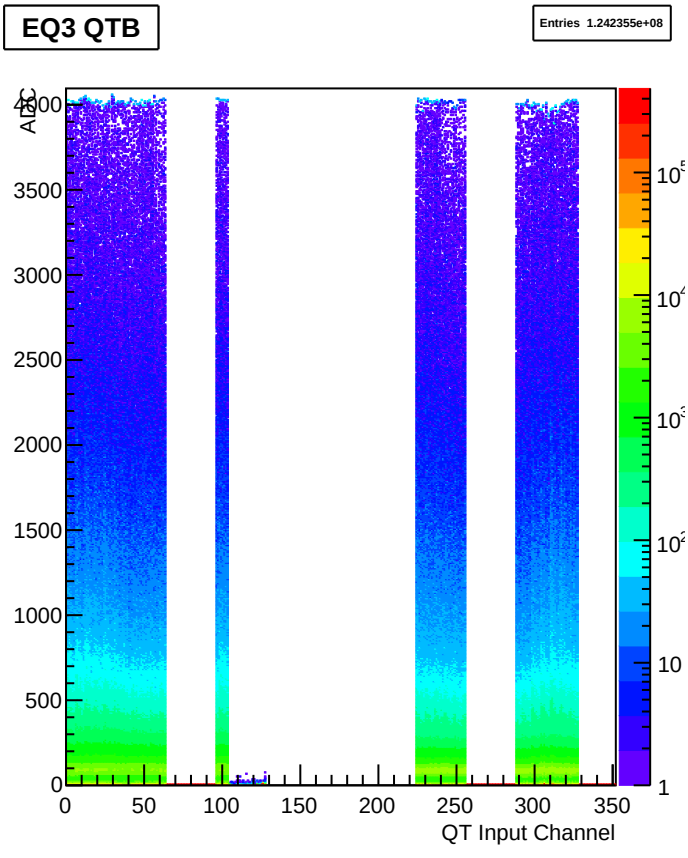

EQ1 QTC
Entries 4.658832e+07
TADC
QT Input Channel

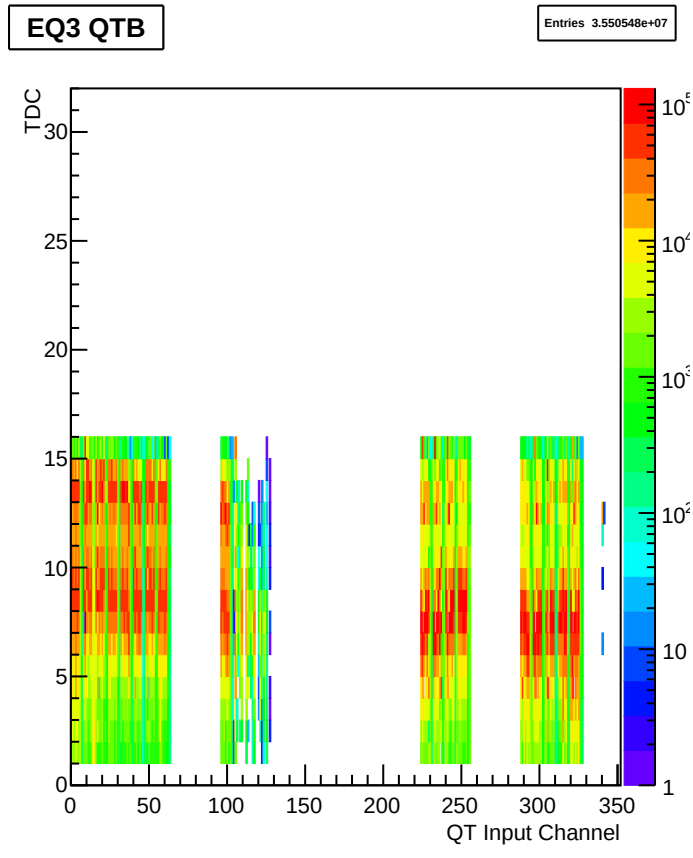

EQ2 QTB
Entries 1.39765e+08
ADC
QT Input Channel

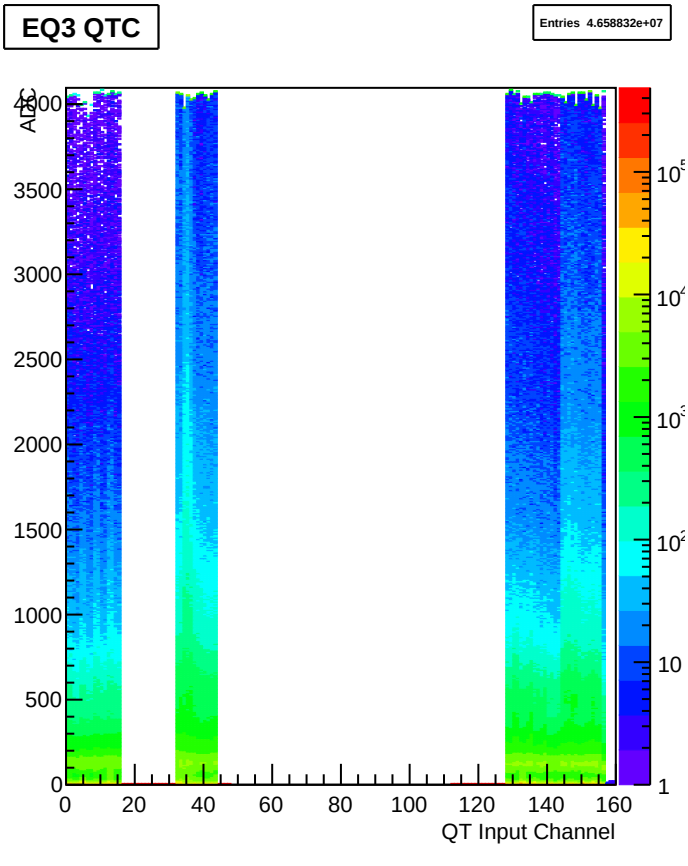

EQ2 QTB
Entries 4.453249e+07
TDC
QT Input Channel

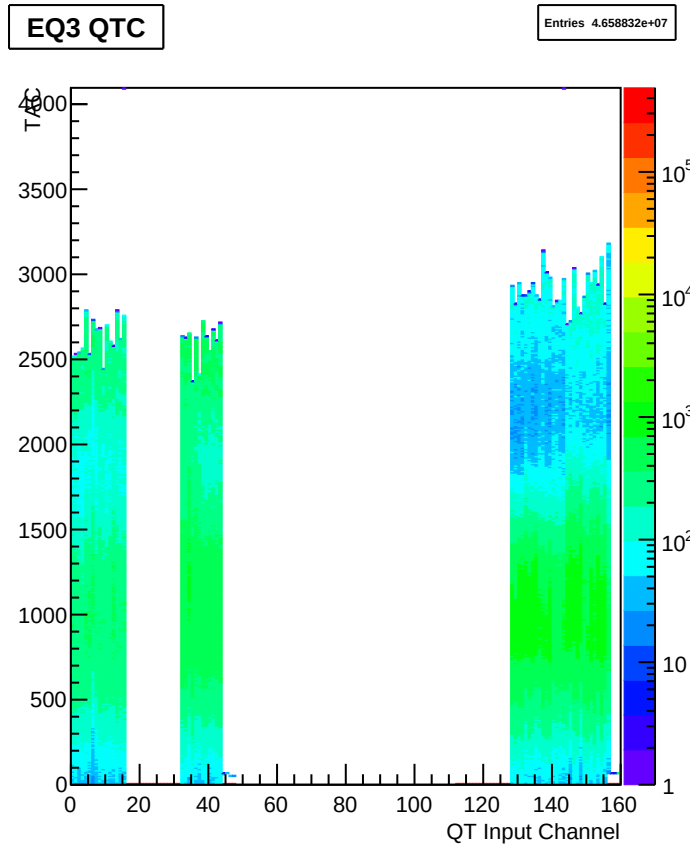

EQ2 QTC
Entries 4.658832e+07
ADC
QT Input Channel

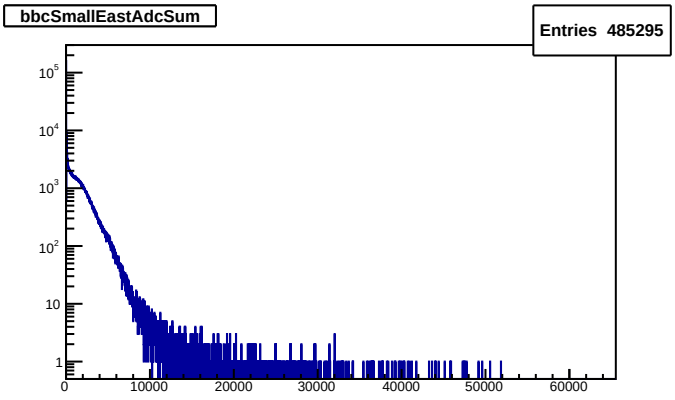

EQ2 QTC
Entries 4.658832e+07
TADC
QT Input Channel

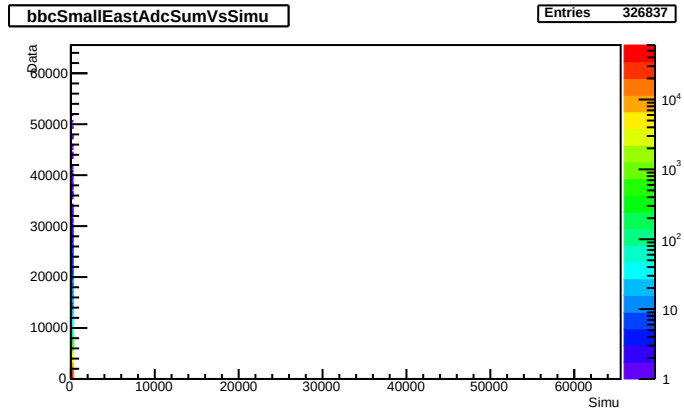

EQ3 QTB
Entries 1.242355e+08
ADC
QT Input Channel

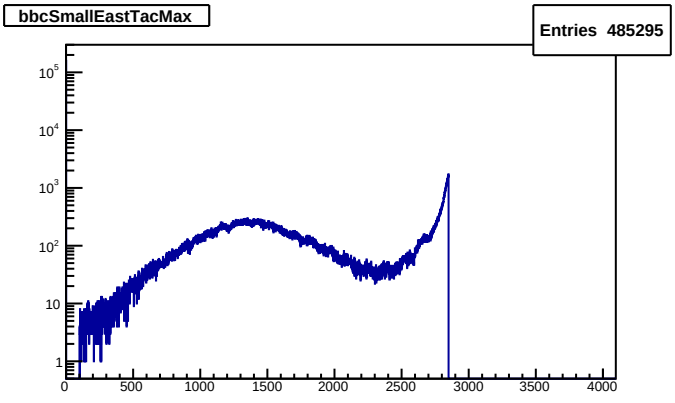

EQ3 QTB
Entries 3.550548e+07
TDC
QT Input Channel

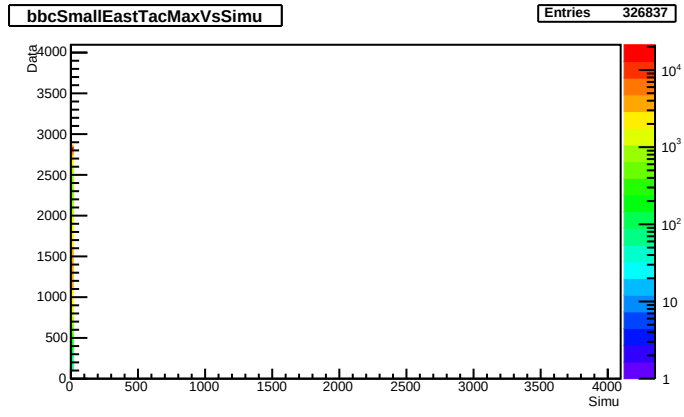

EQ3 QTC
Entries 4.658832e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.658832e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 485295


bbcSmallEastAdcSumVsSimu
Entries 326837
Data
Simu


bbcSmallEastTacMax
Entries 485295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Entries 326837
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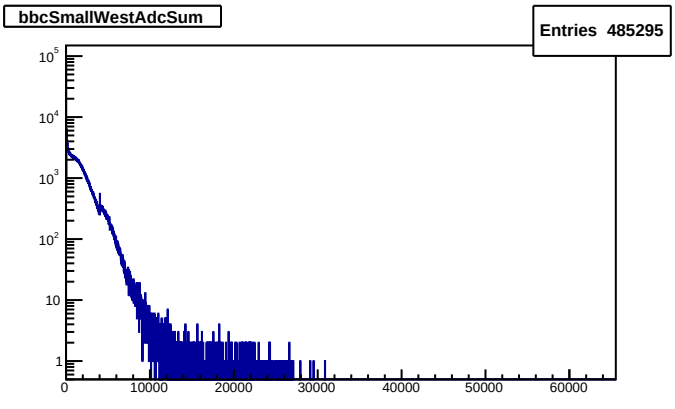
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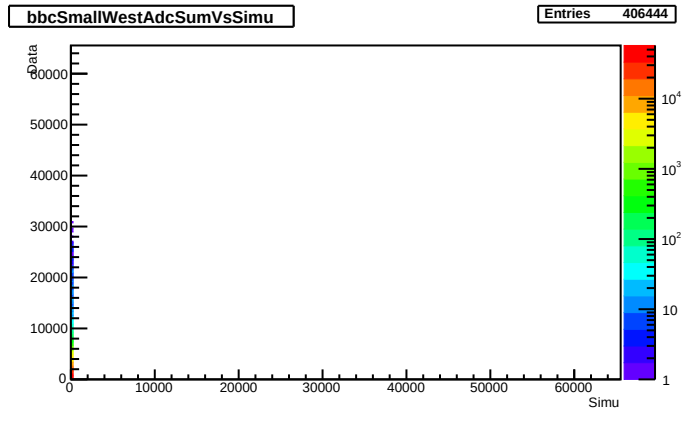
Entries 485295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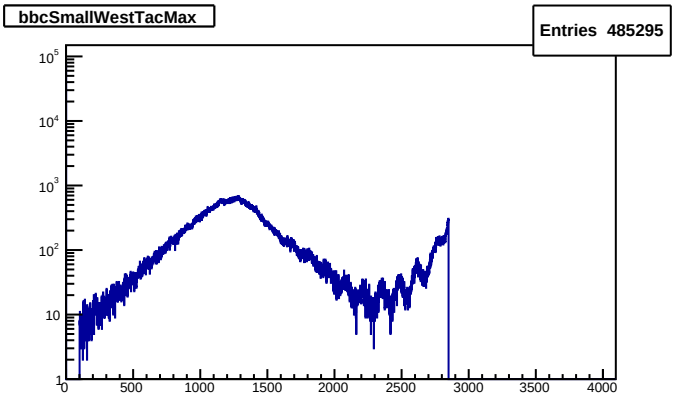
Entries 406444
Data
Simu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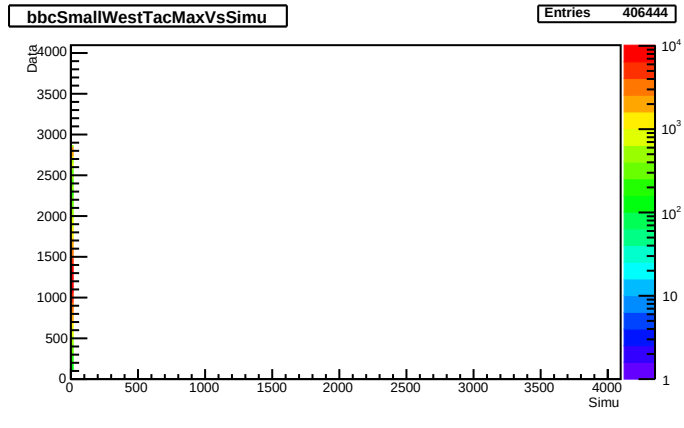
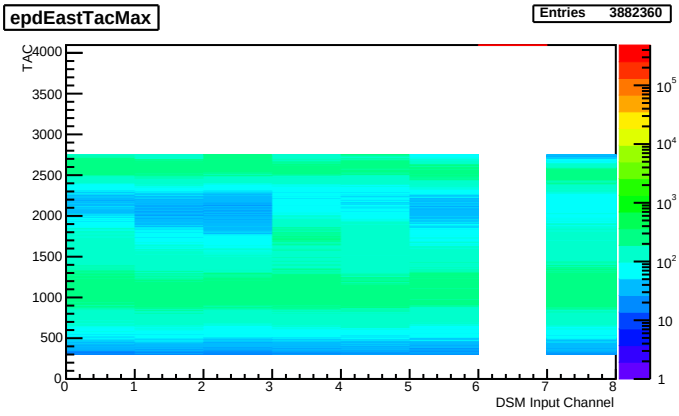
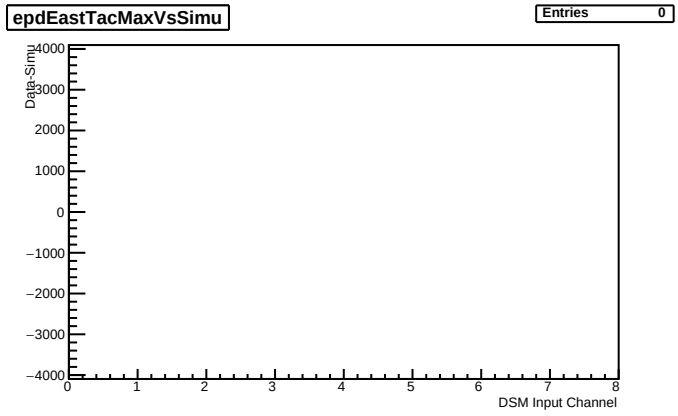

bbcSmallWestTacMaxVsSimu
Entries 406444
Data
Simu


epdEastTacMax
Entries 3882360
TAC
DSM Input Channel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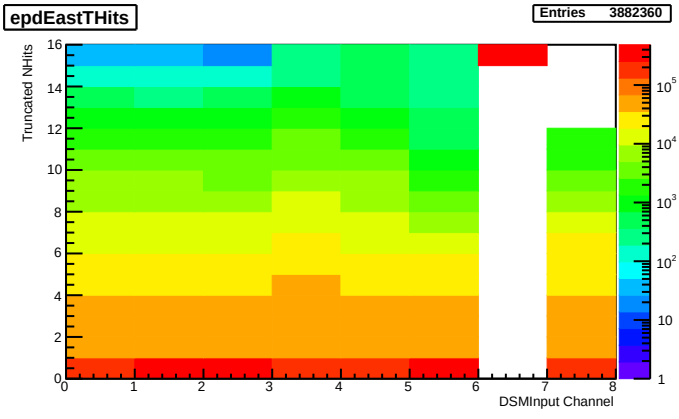
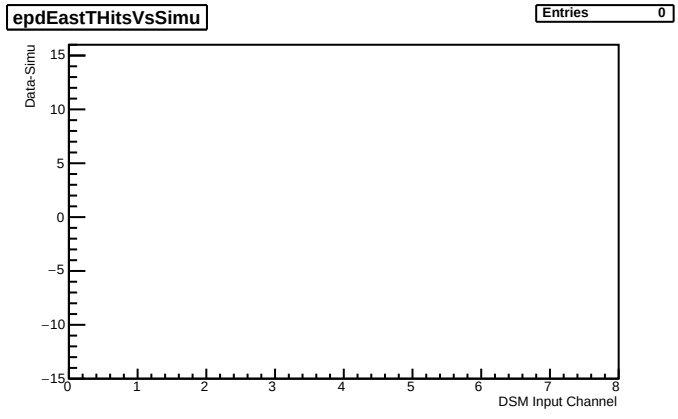
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3882360
Truncated NHits
DSMInput Channel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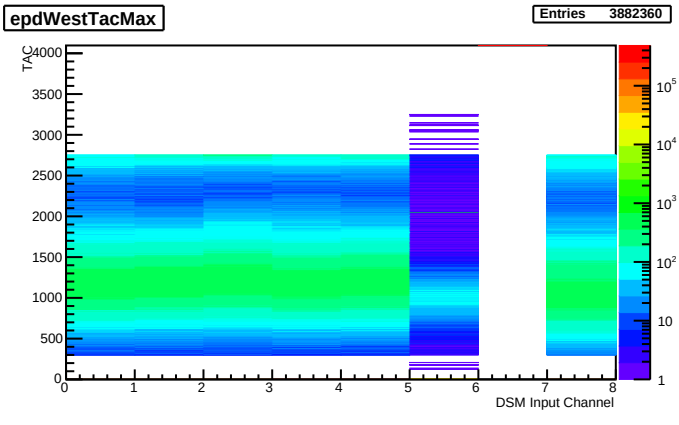
Data-Simu
DSM Input Channel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Entries 3882360
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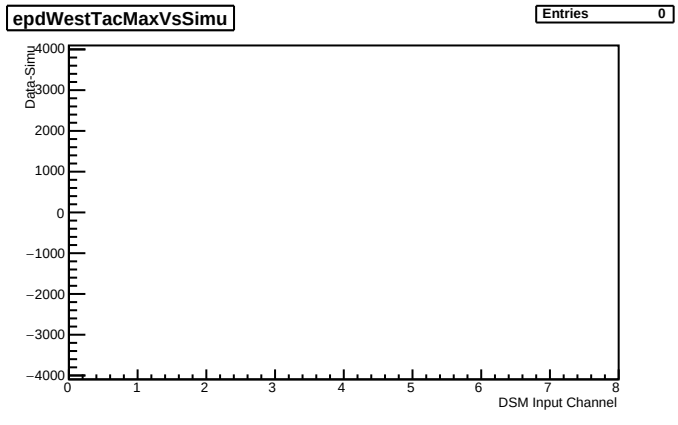
DSM Input Channel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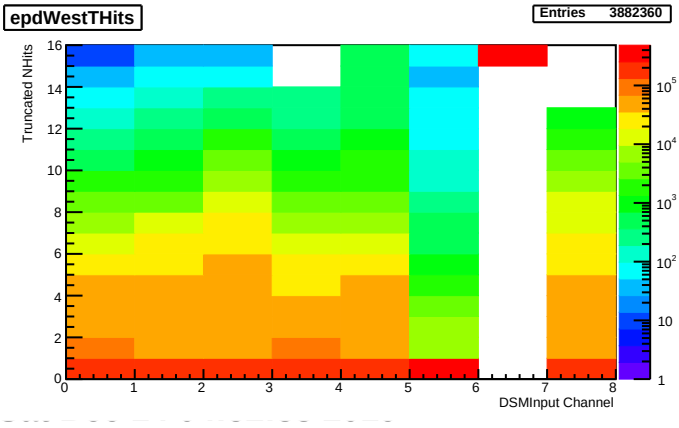
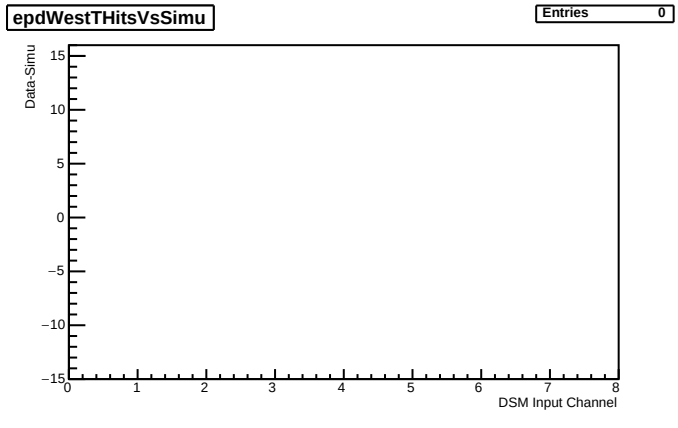
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3882360
Truncated NHits
DSMInput Channel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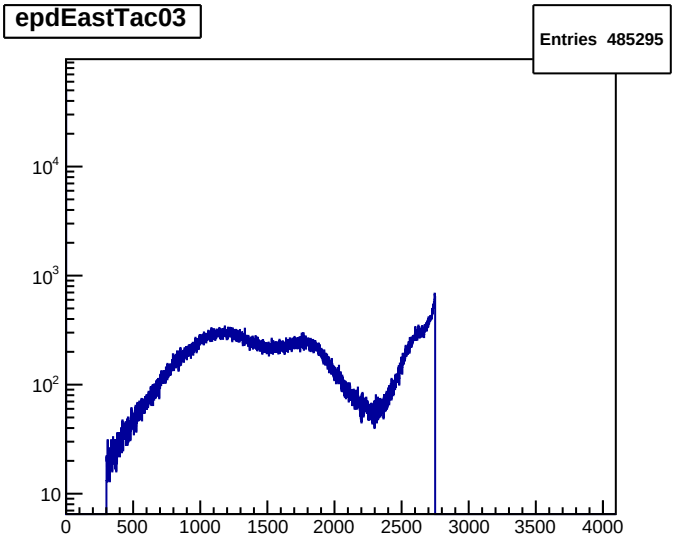
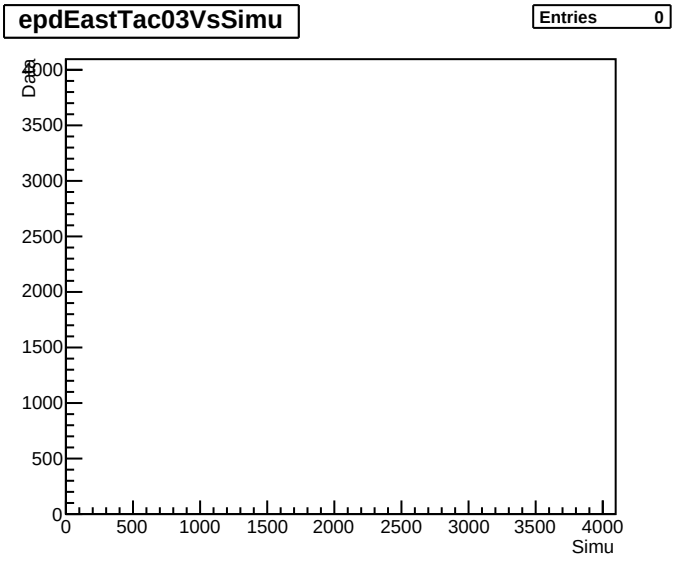
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 485295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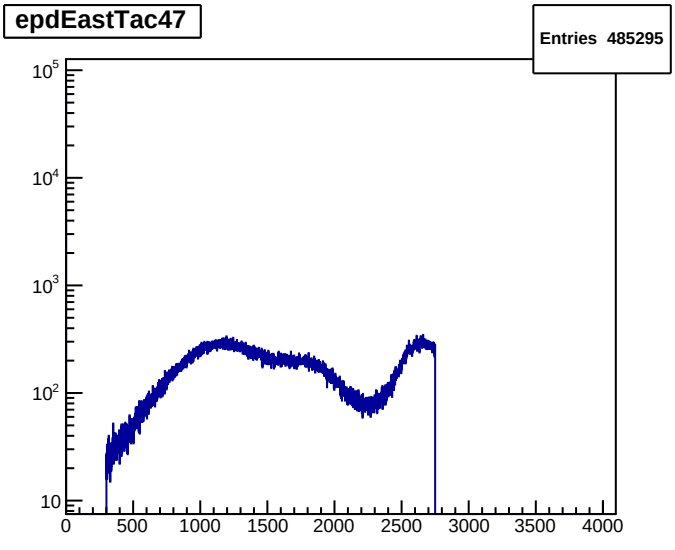
Entries 0
Data
Simu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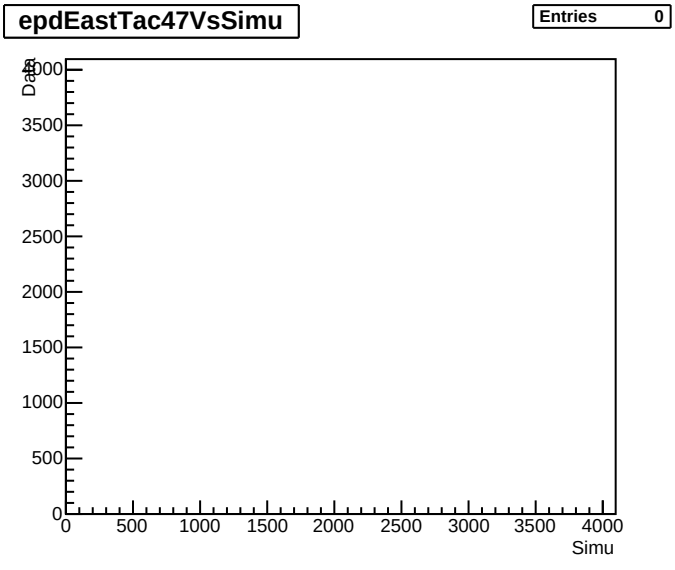
Entries 485295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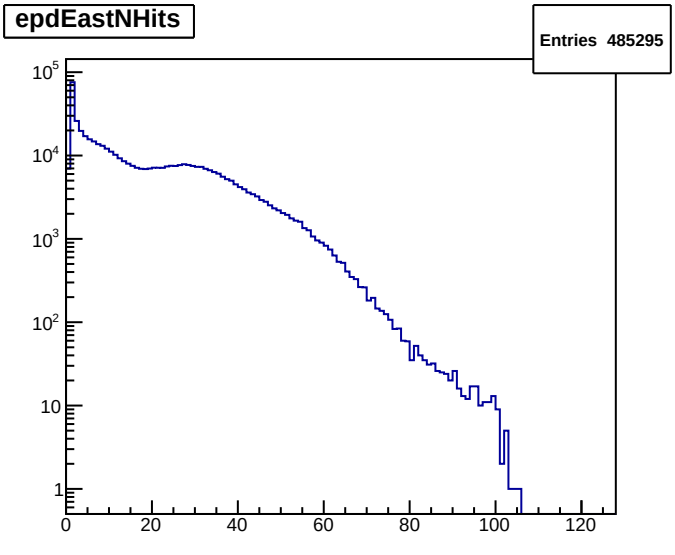
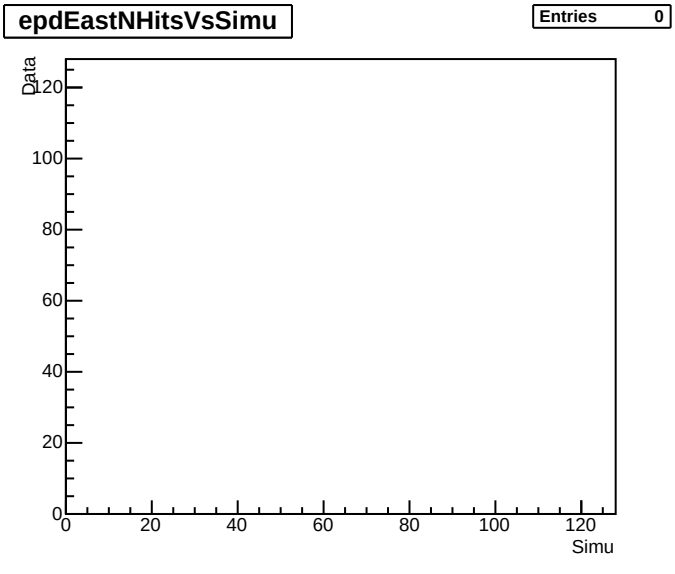
Entries 0
Data
Simu


epdEastNHits
Entries 485295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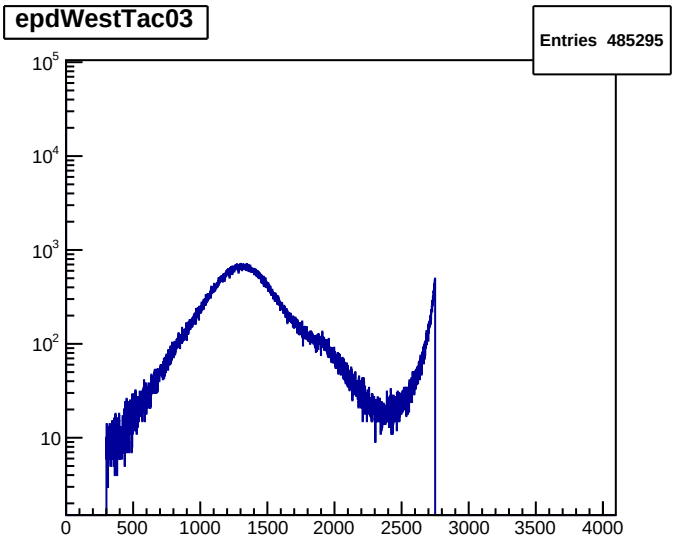
Entries 0
Data
Simu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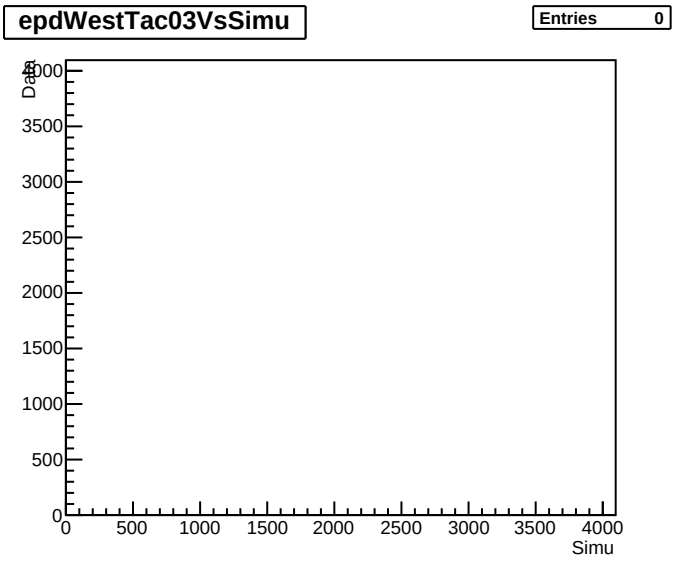
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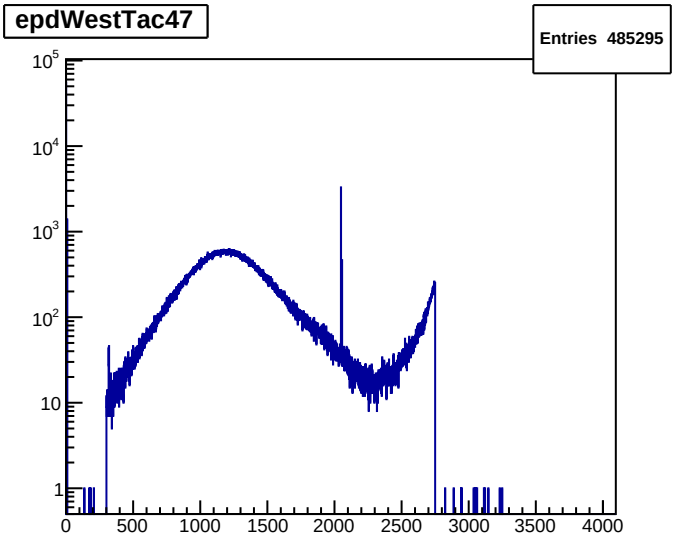
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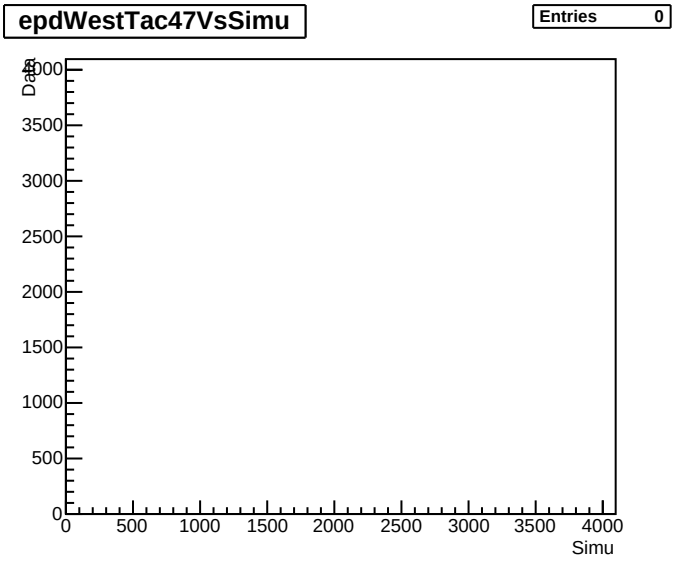
Entries 485295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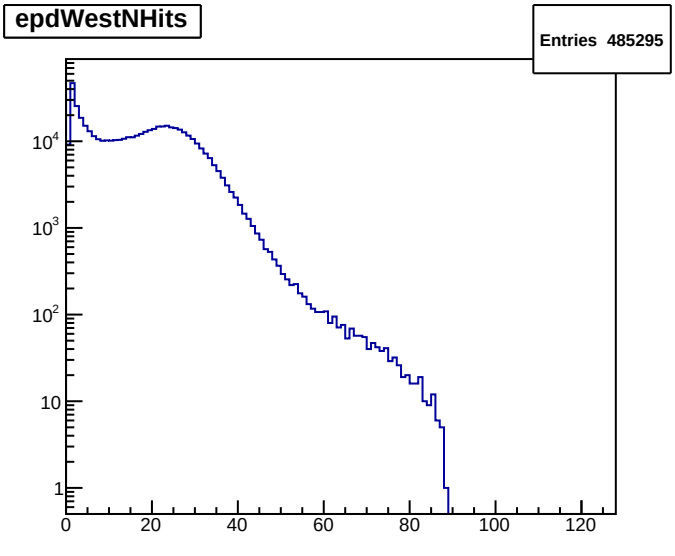
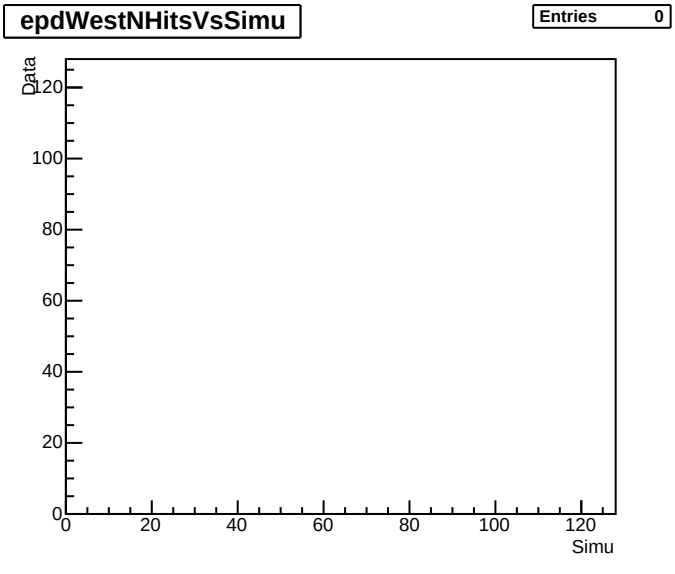
Entries 0
Data
Simu


epdWestNHits
Entries 485295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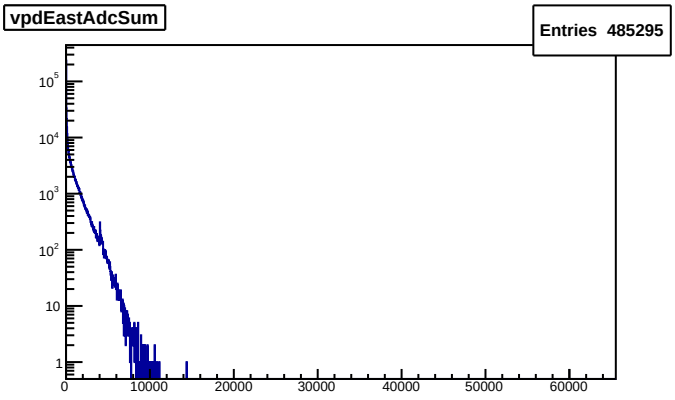
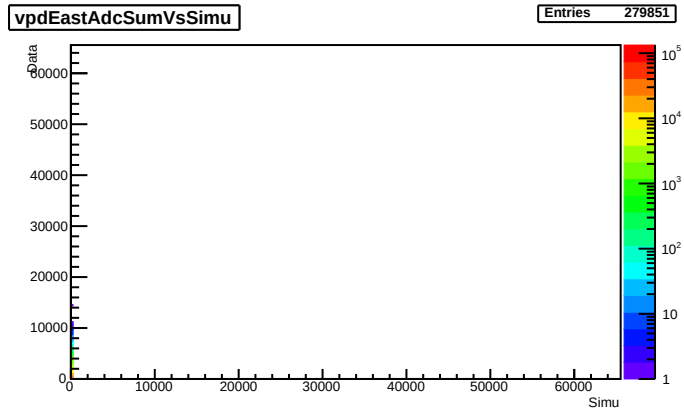
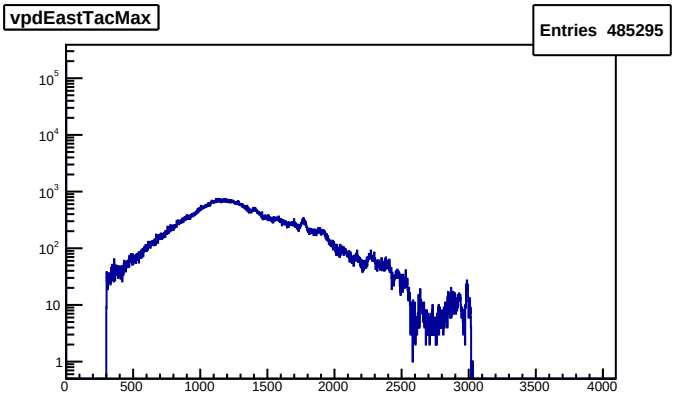
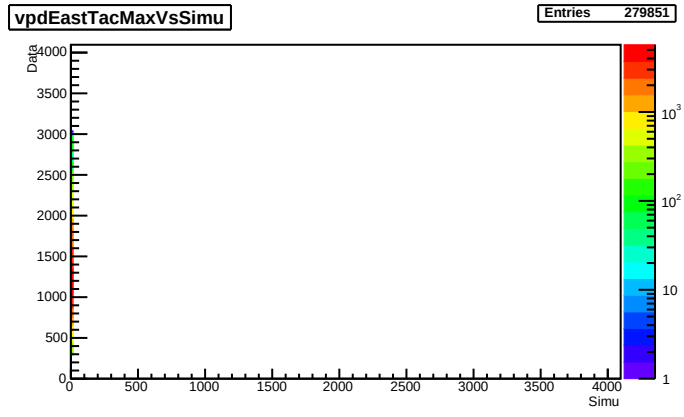
Entries 0
Data
Simu


vpdEastAdcSum
Entries 485295


vpdEastAdcSumVsSimu
Entries 279851
Data
Simu


vpdEastTacMax
Entries 485295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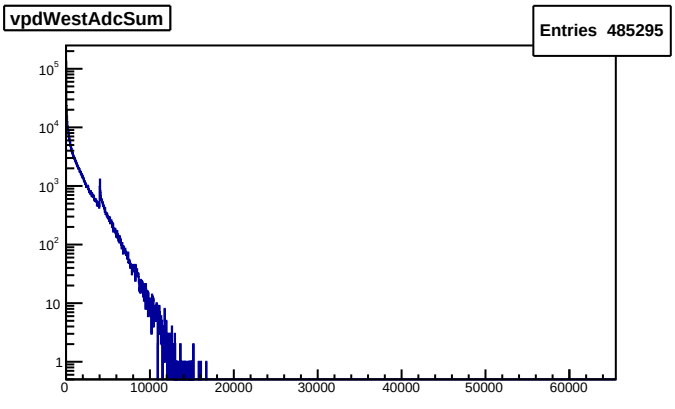
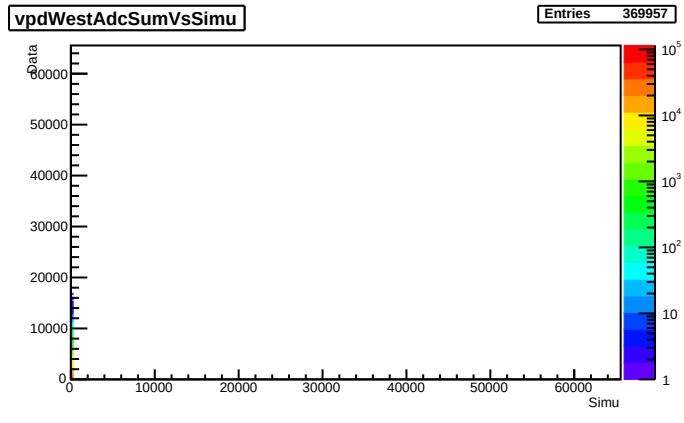
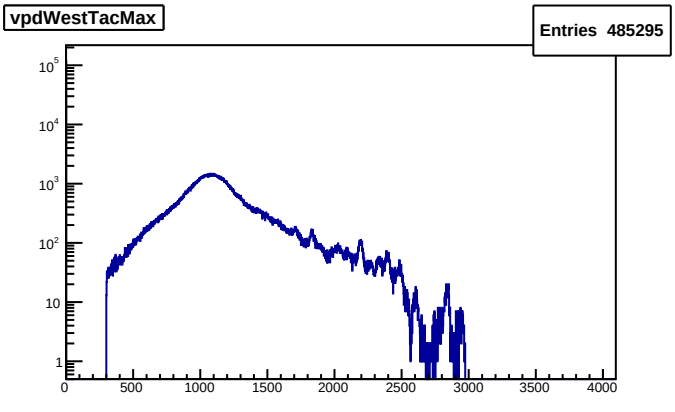
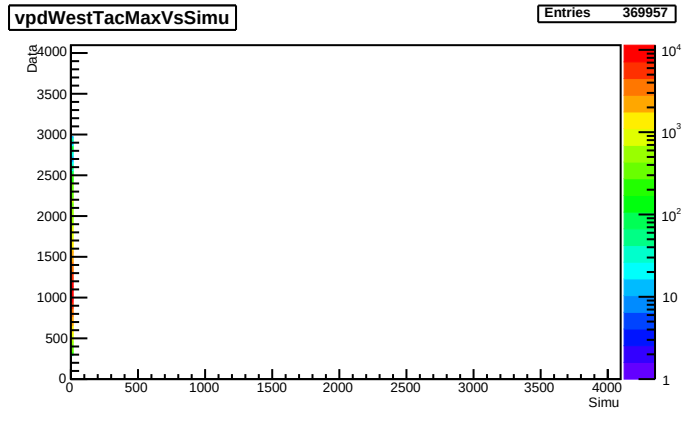
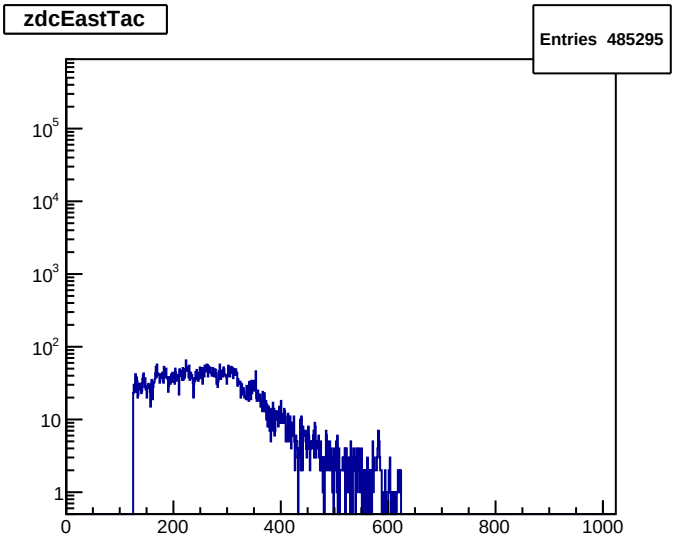
Entries 279851
Data
Simu

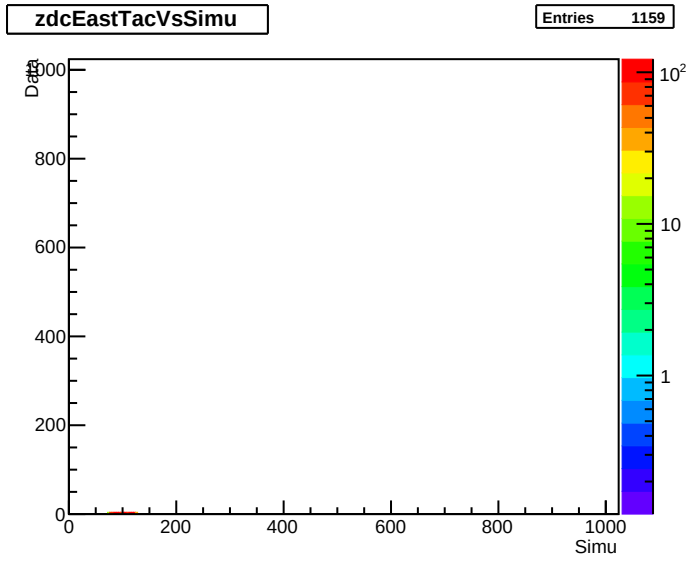

vpdWestAdcSum
Entries 485295

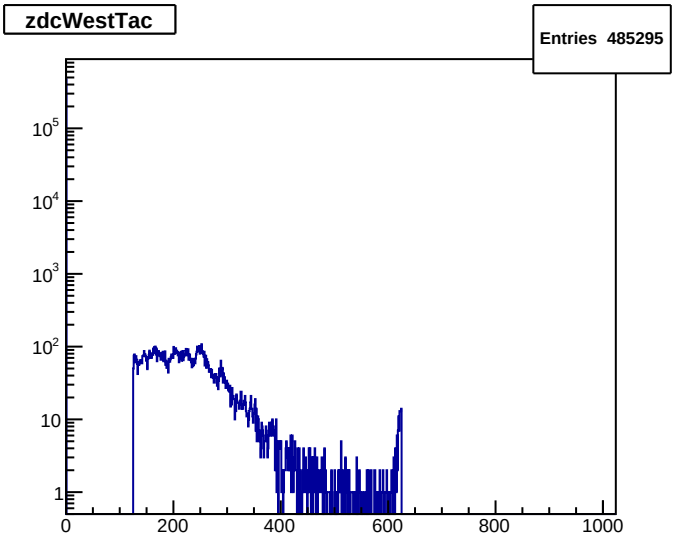

vpdWestAdcSumVsSimu
Entries 369957
Data
Simu

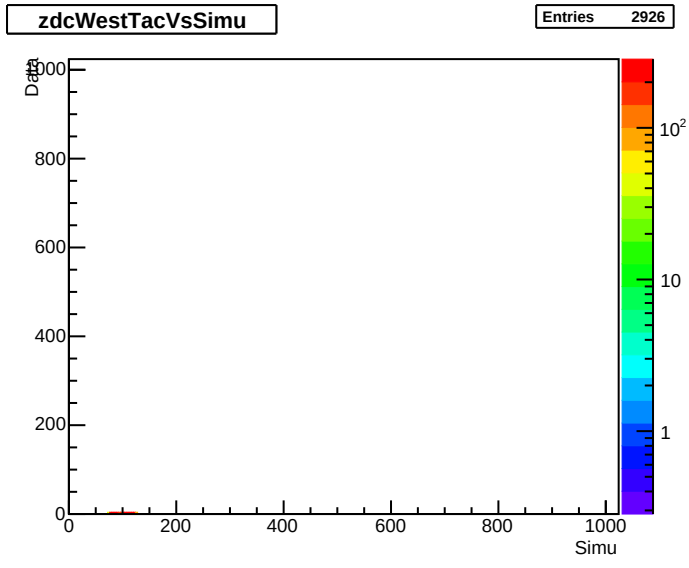

vpdWestTacMax
Entries 485295

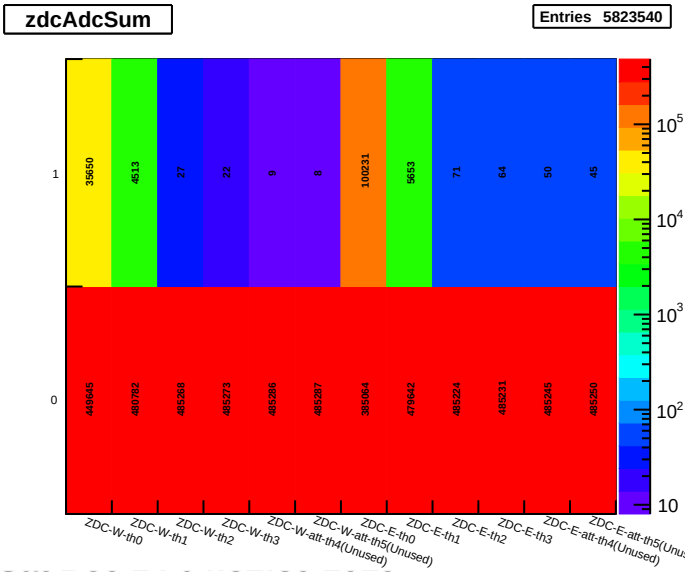

vpdWestTacMaxVsSimu
Entries 369957
Data
Simu

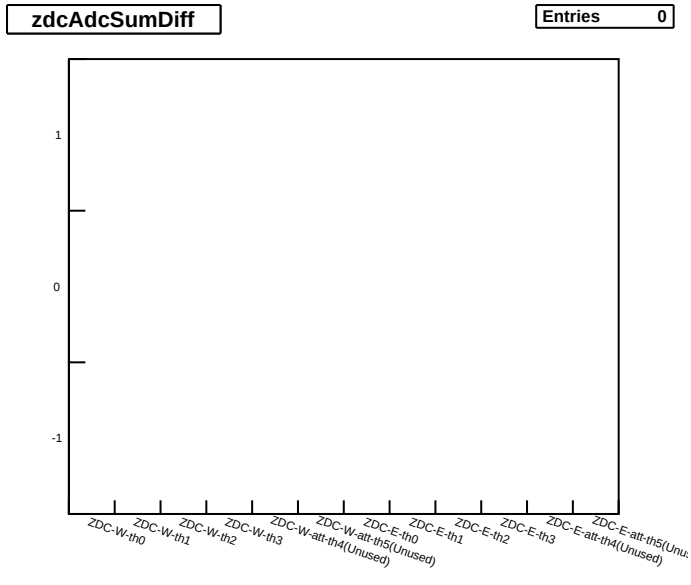

zdcEastTac
Entries 485295


zdcEastTacVsSimu
Entries 1159
Data
Simu


zdcWestTac
Entries 485295


zdcWestTacVsSimu
Entries 2926
Data
Simu


zdcAdcSum
Entries 5823540
35650
4513
27
22
9
8
100231
5653
71
64
50
45
449645
480782
485268
485273
485286
485287
385064
479642
485224
485231
485245
485250
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
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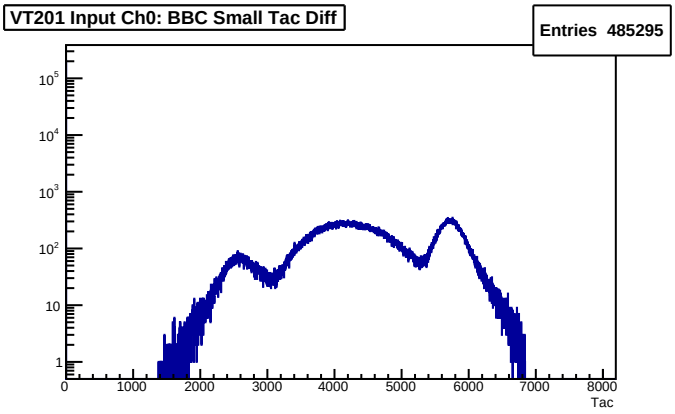
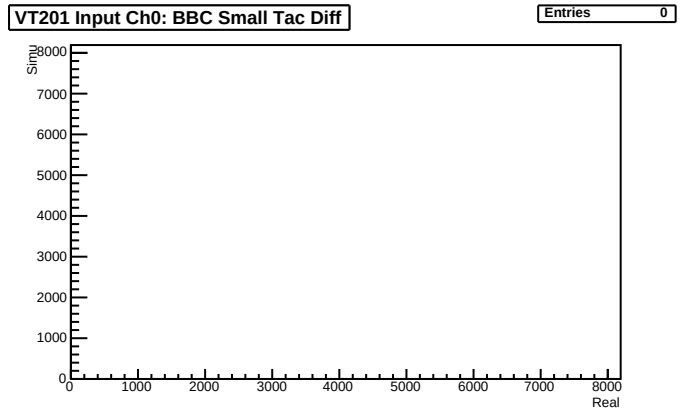
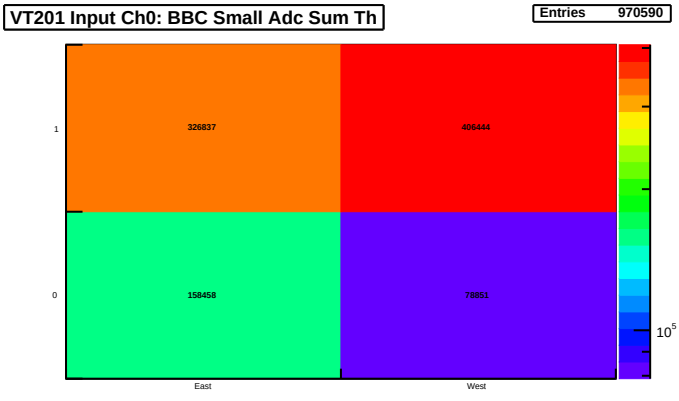
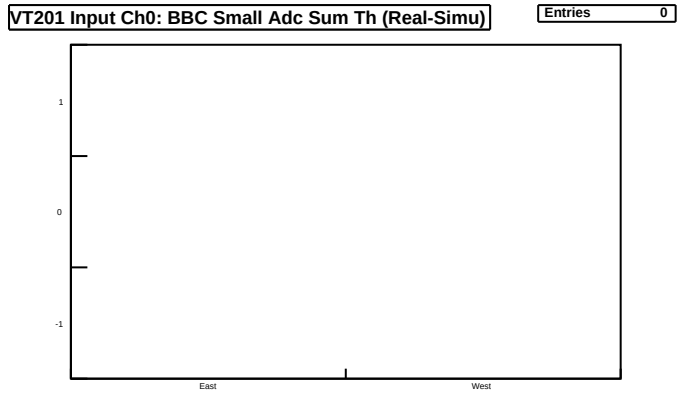
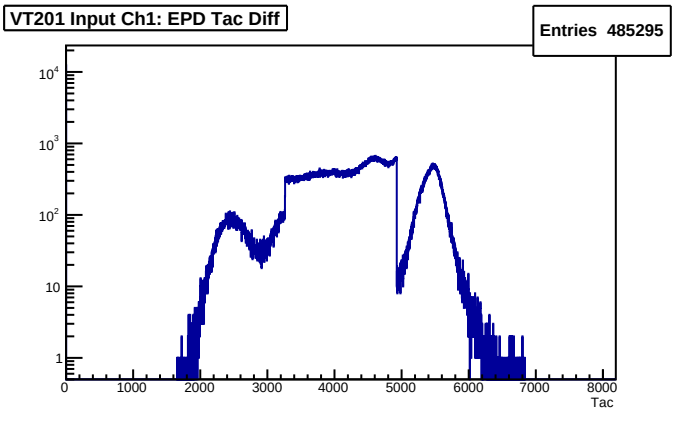
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

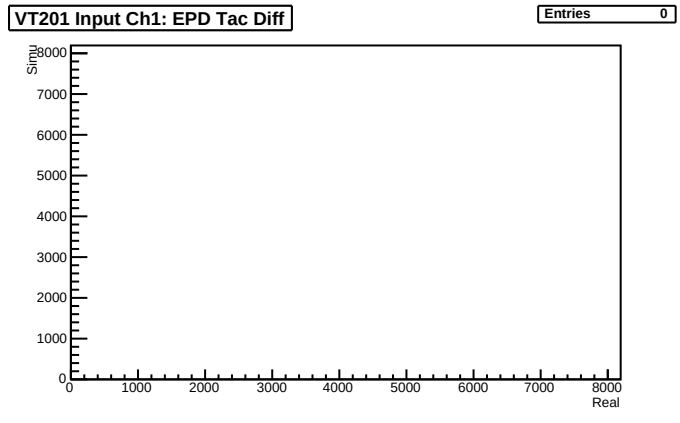

VT201 Input Ch0: BBC Small Tac Diff
Entries 485295
Tac

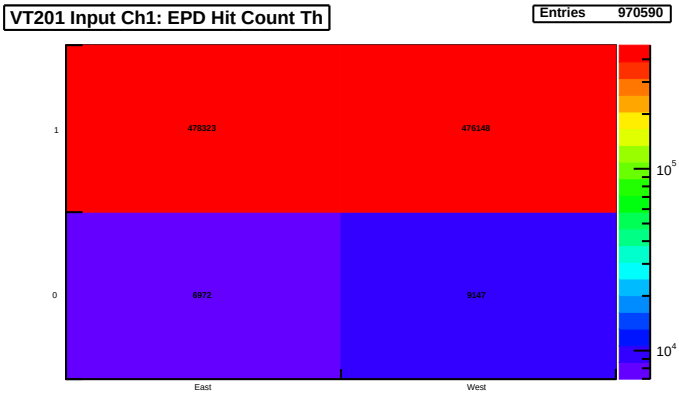

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

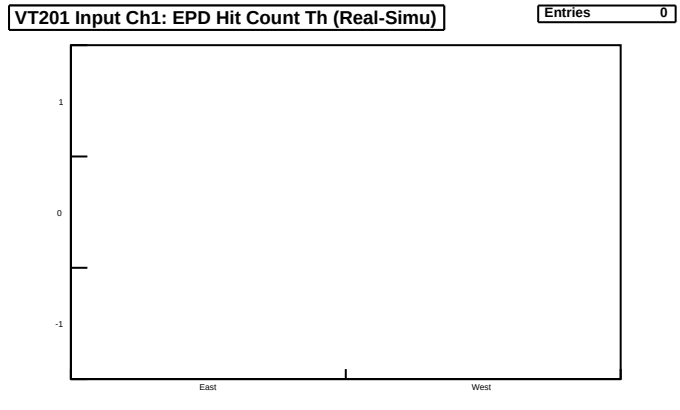

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 970590
326837
406444
158458
78851
East
West

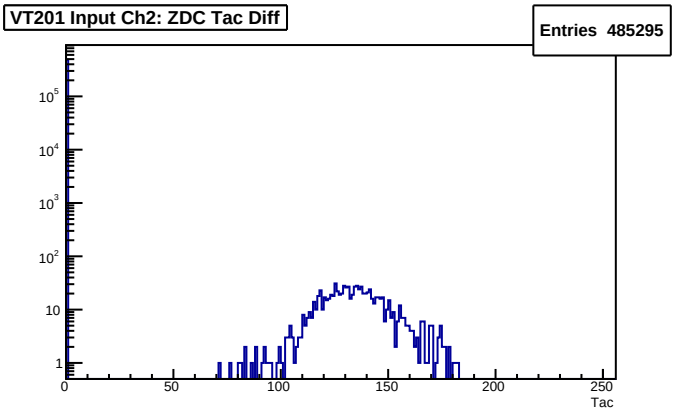

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

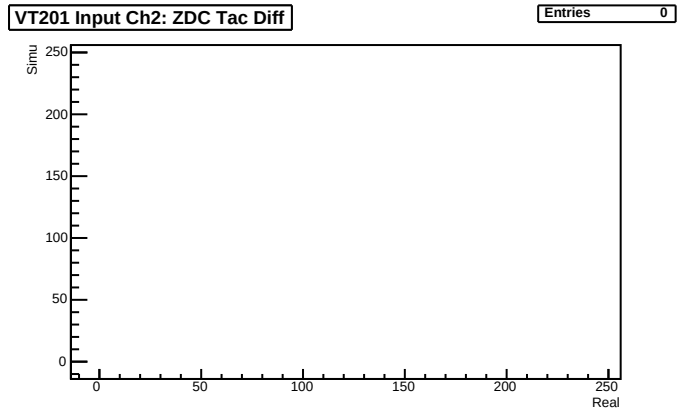

VT201 Input Ch1: EPD Tac Diff
Entries 485295
Tac

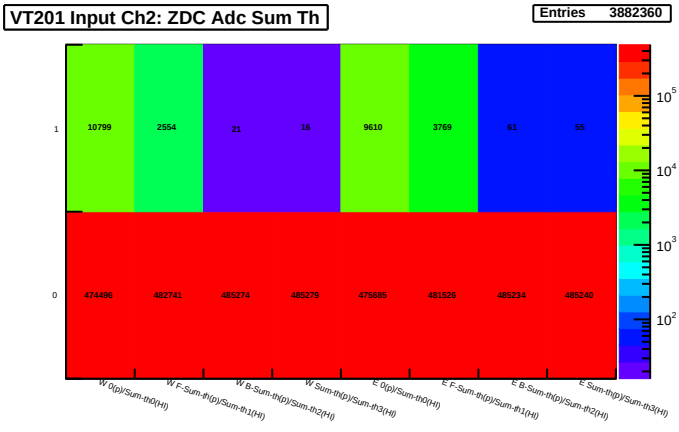

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

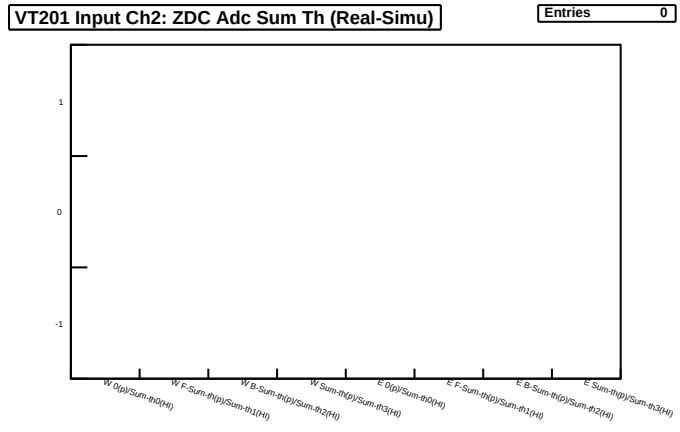

VT201 Input Ch1: EPD Hit Count Th
Entries 970590
478323
476148
6972
9147
East
West

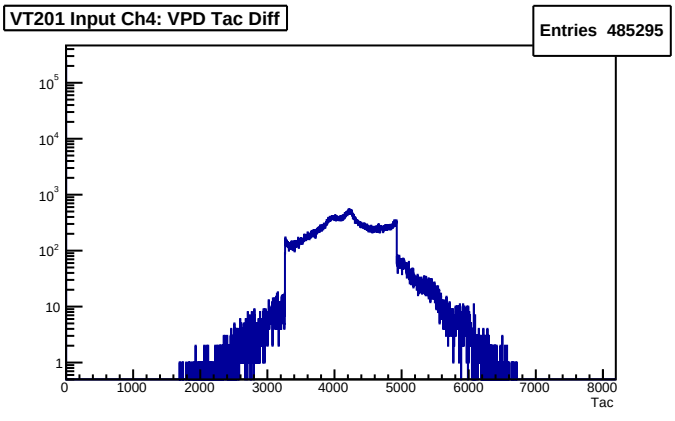

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

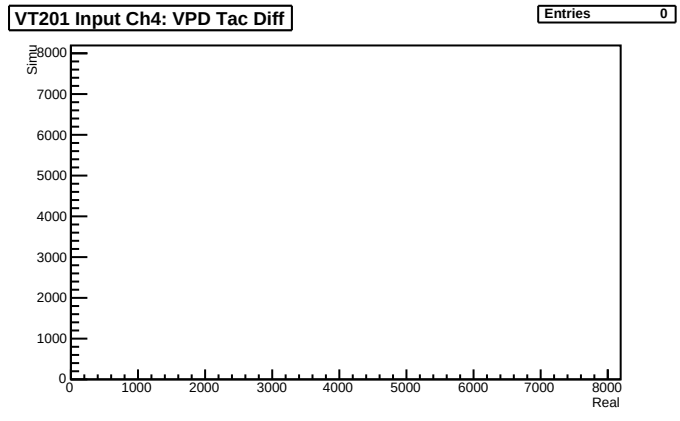

VT201 Input Ch2: ZDC Tac Diff
Entries 485295
Tac

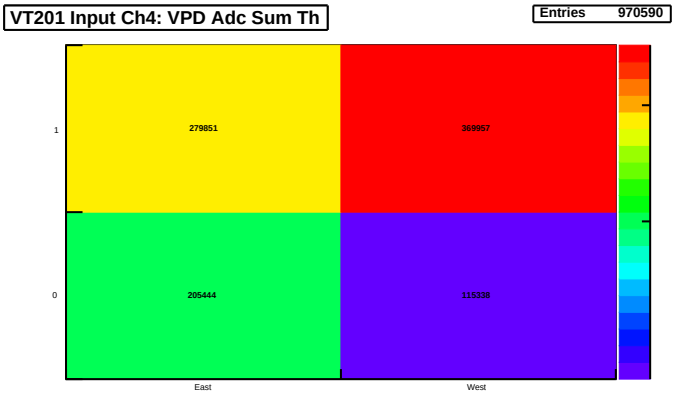

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

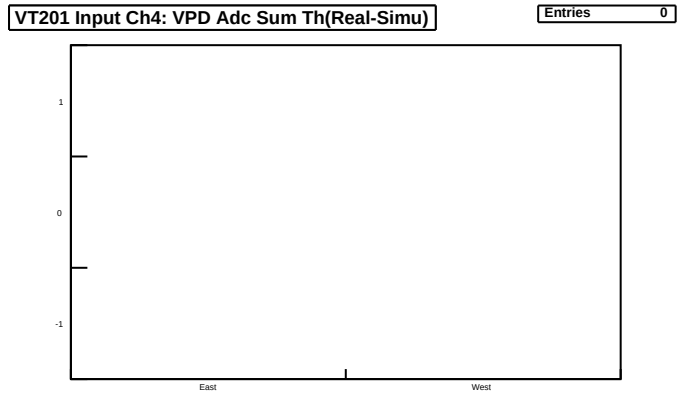

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3882360
10799
2554
21
16
9610
3769
61
55
474496
482741
485274
485279
475685
481526
485234
485240
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

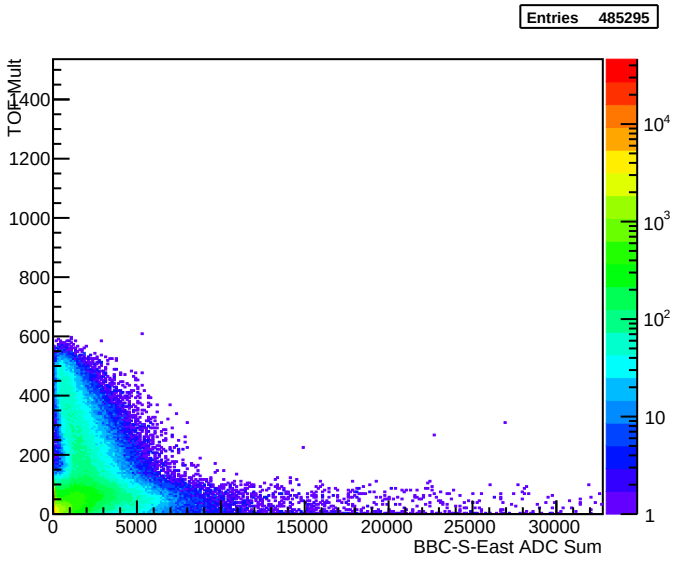

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

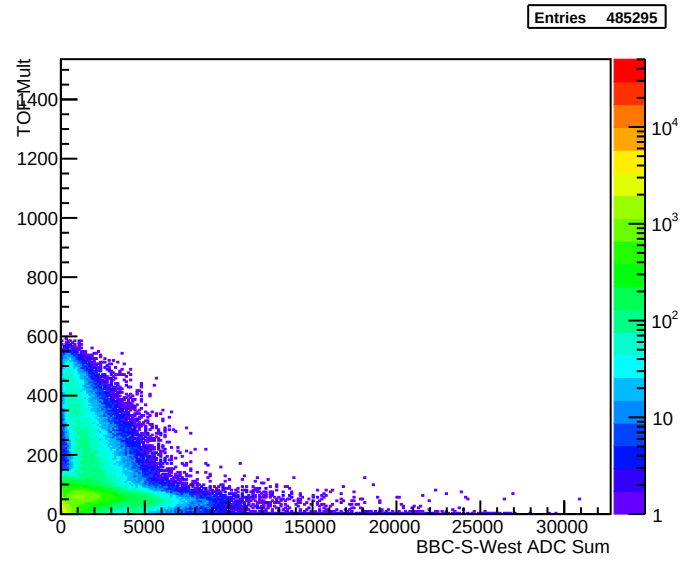

VT201 Input Ch4: VPD Tac Diff
Entries 485295
Tac

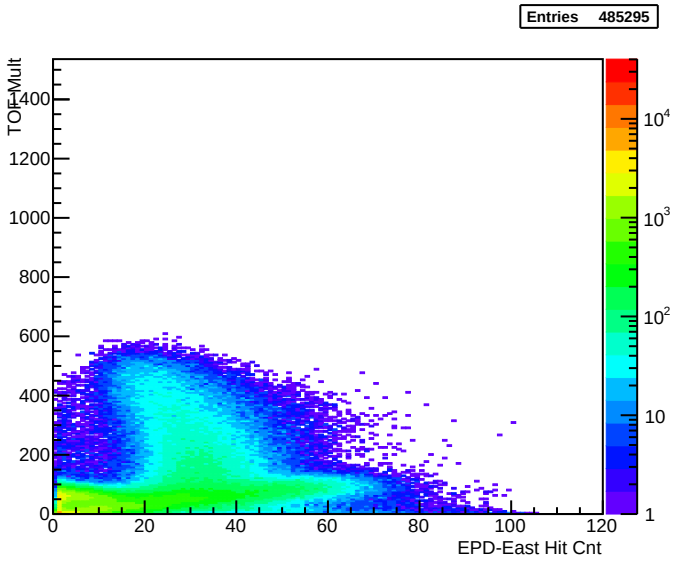

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

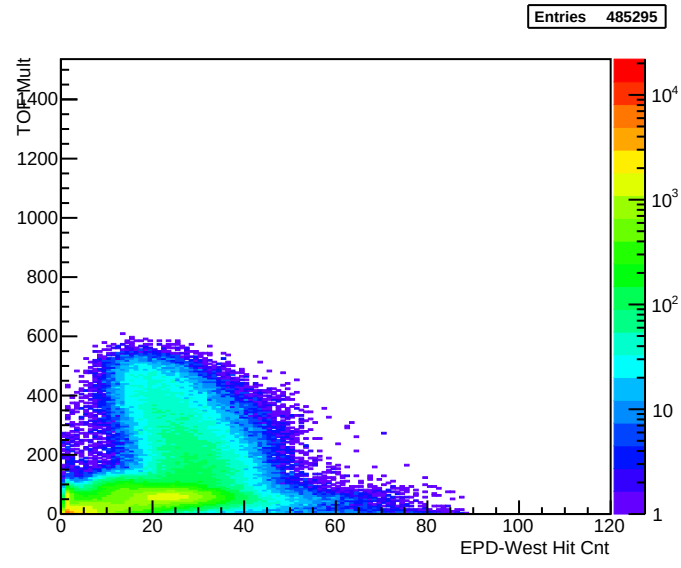

VT201 Input Ch4: VPD Adc Sum Th
Entries 970590
279851
369957
205444
115338
East
West

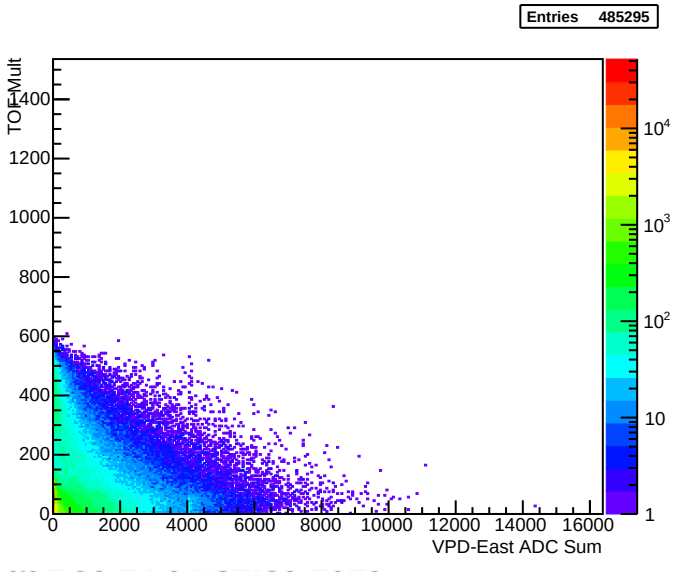

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

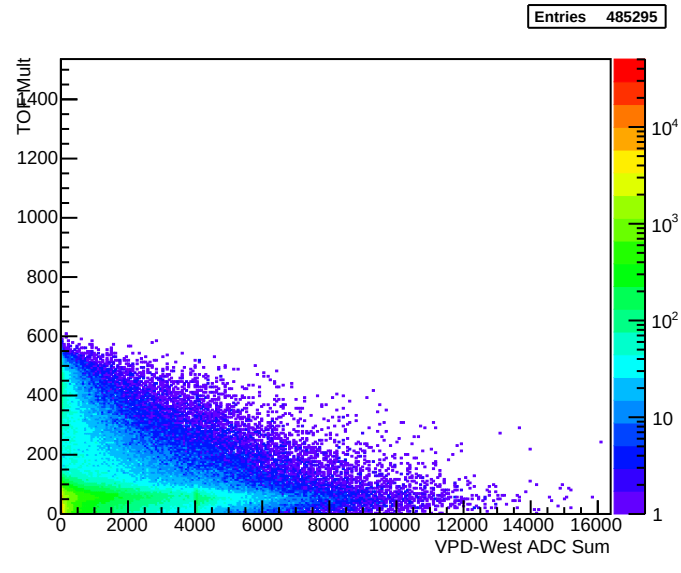

Entries 485295
TOF-Mult
BBC-S-East ADC Sum

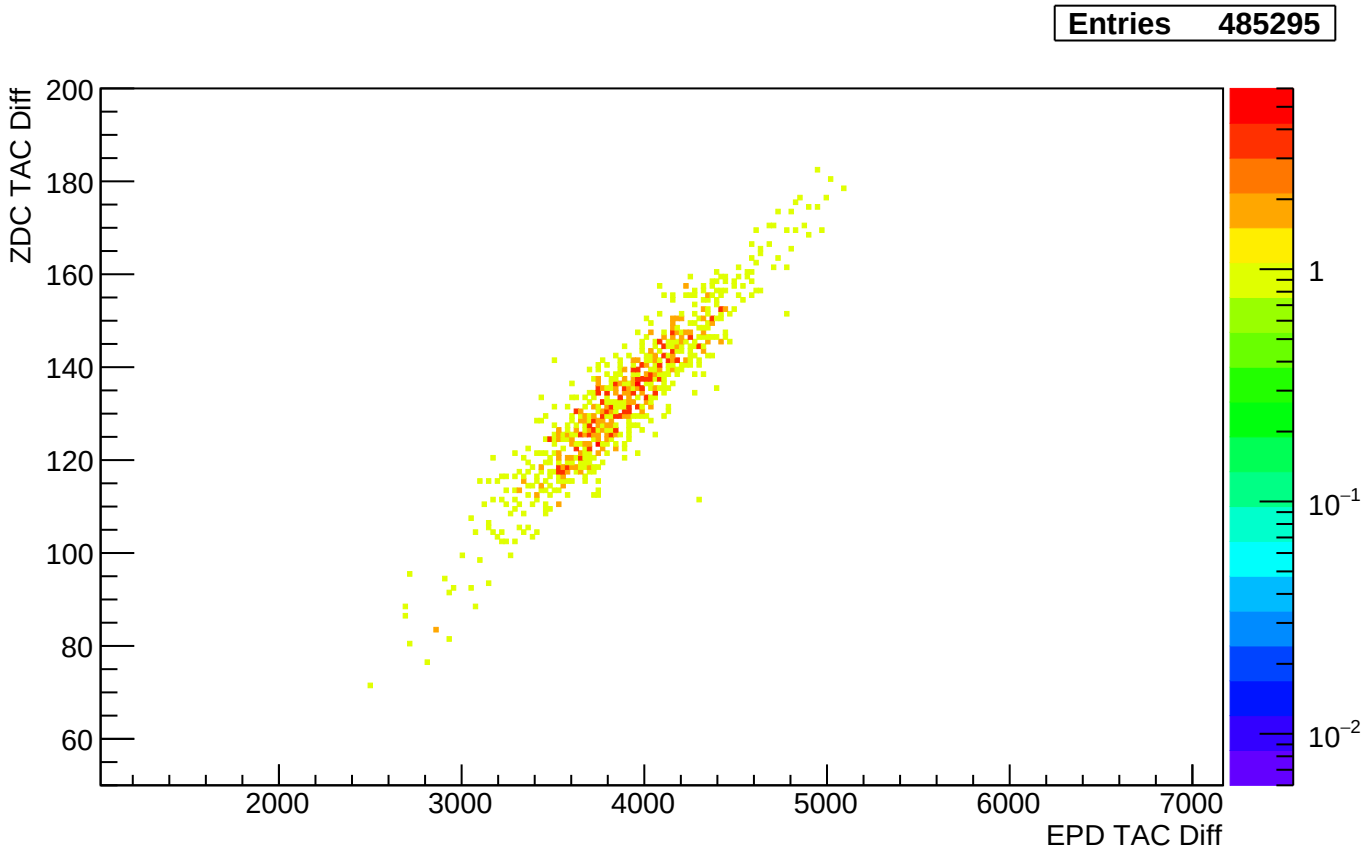

Entries 485295
TOF-Mult
BBC-S-West ADC Sum

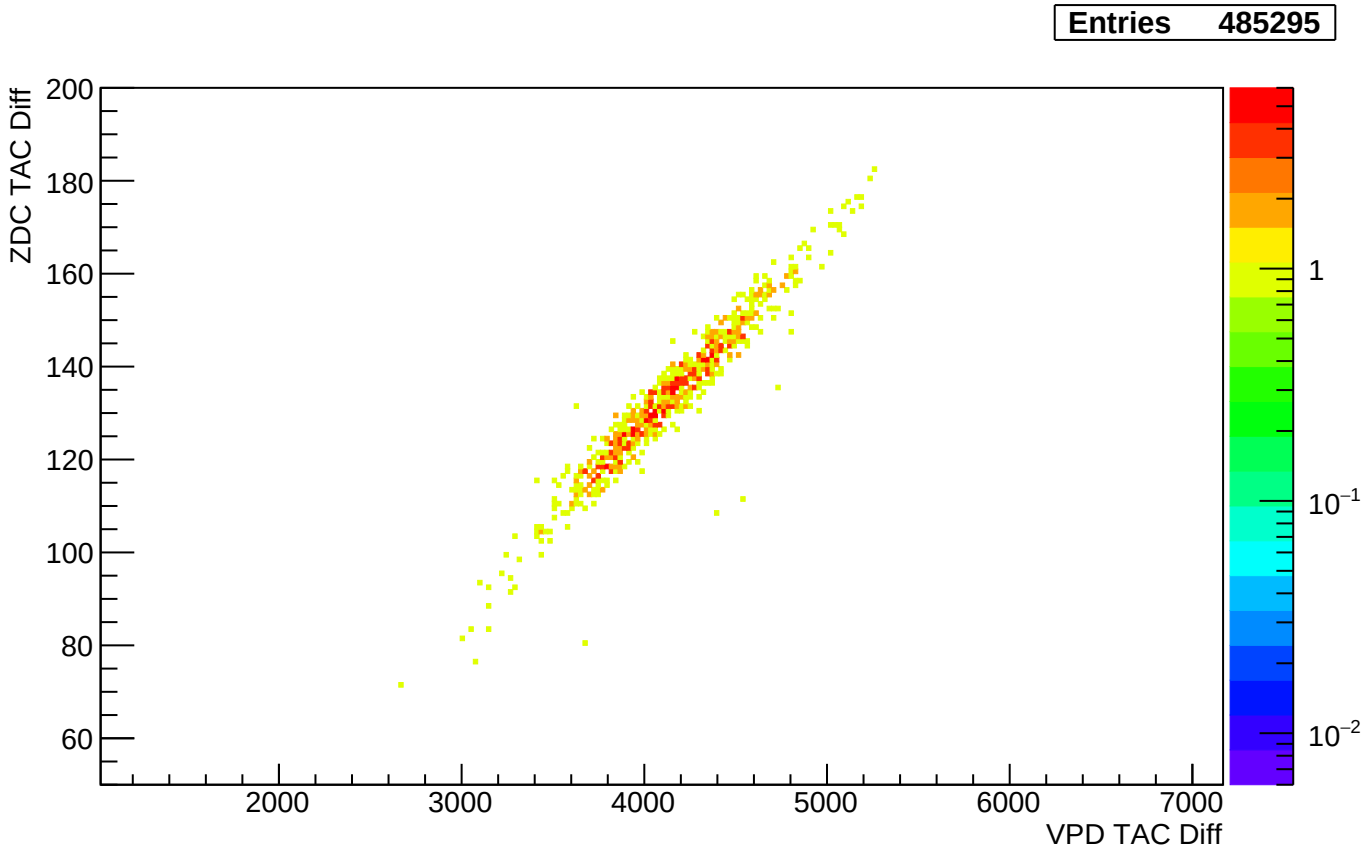

Entries 485295
TOF-Mult
EPD-East Hit Cnt

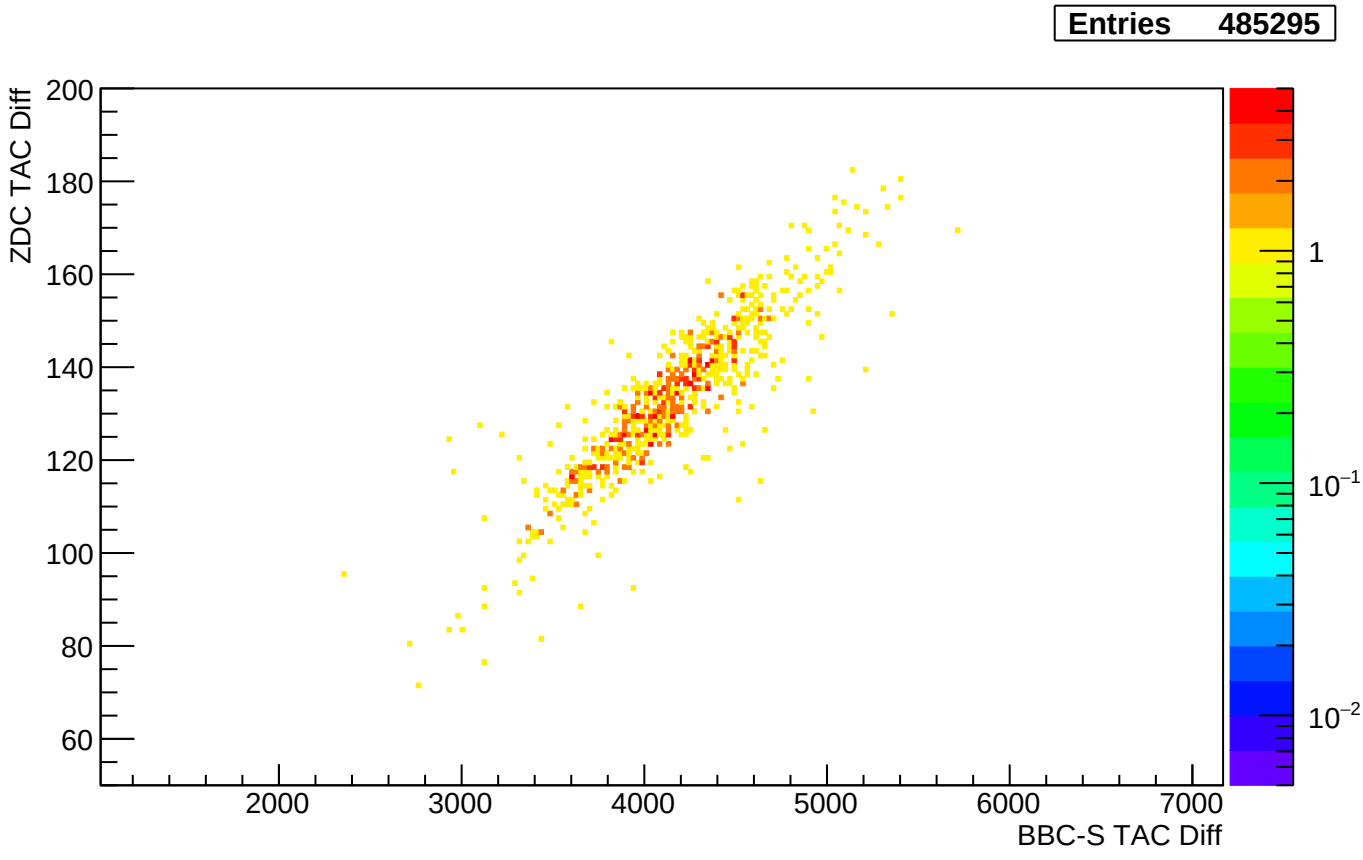

Entries 485295
TOF-Mult
EPD-West Hit Cnt

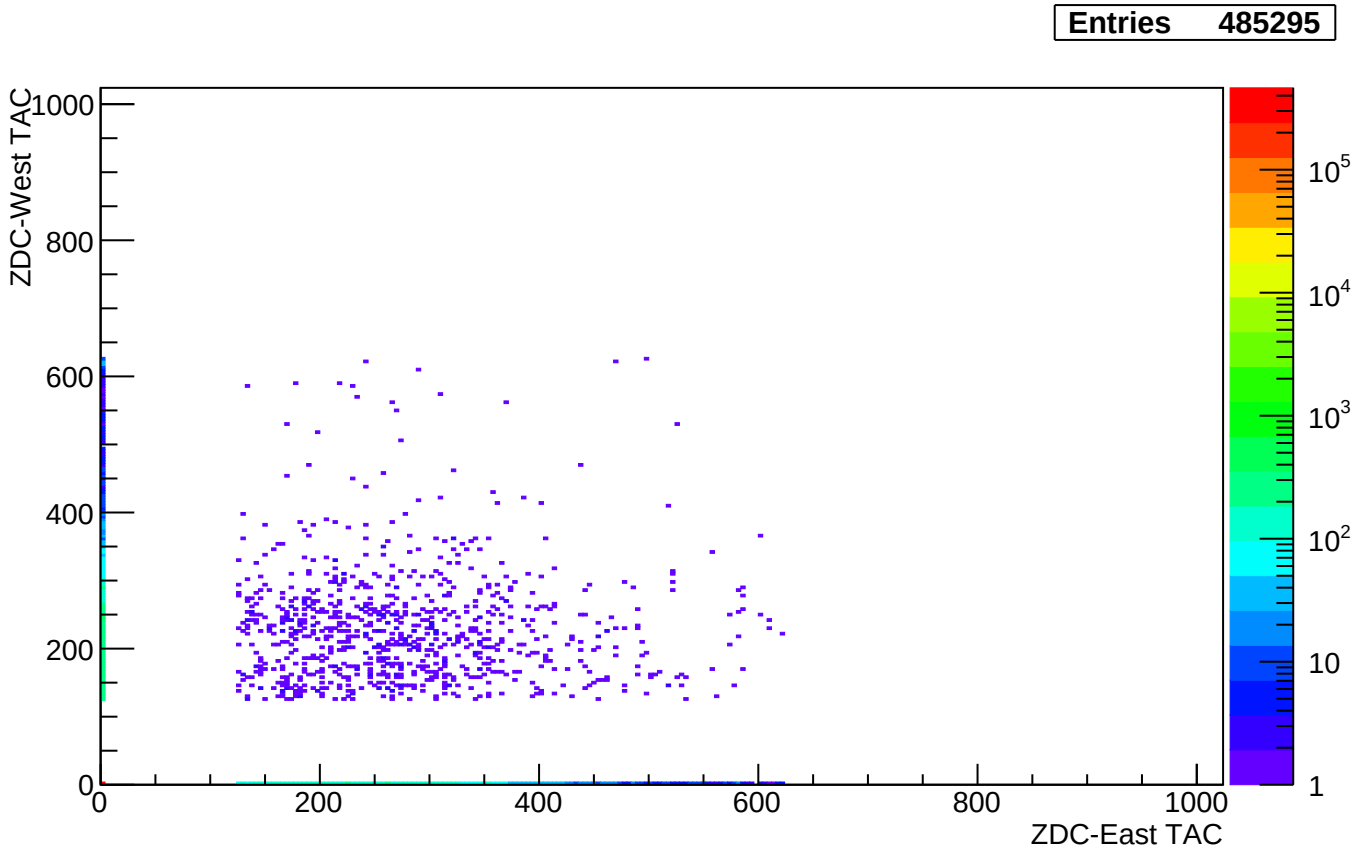

Entries 485295
TOF-Mult
VPD-East ADC Sum

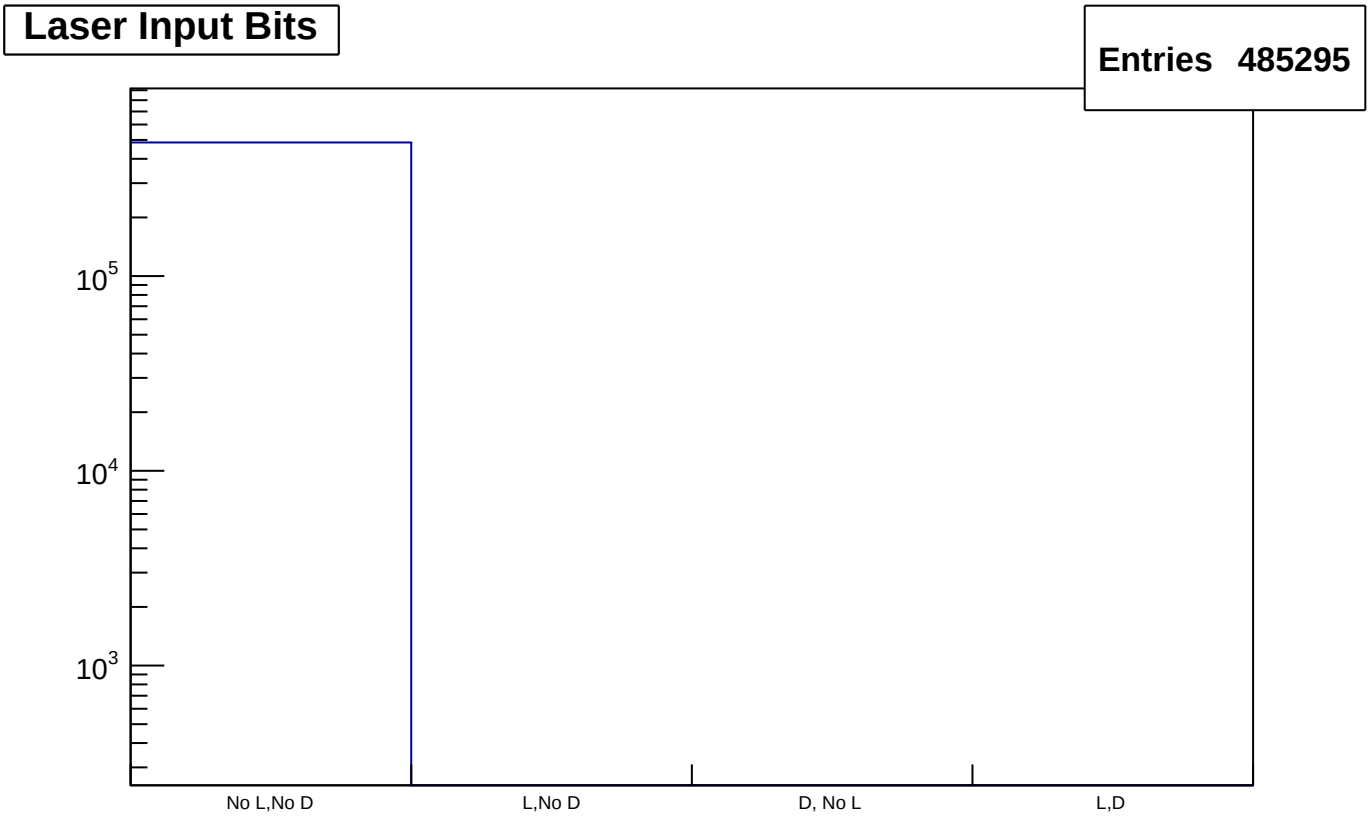

Entries 485295
TOF-Mult
VPD-West ADC Sum

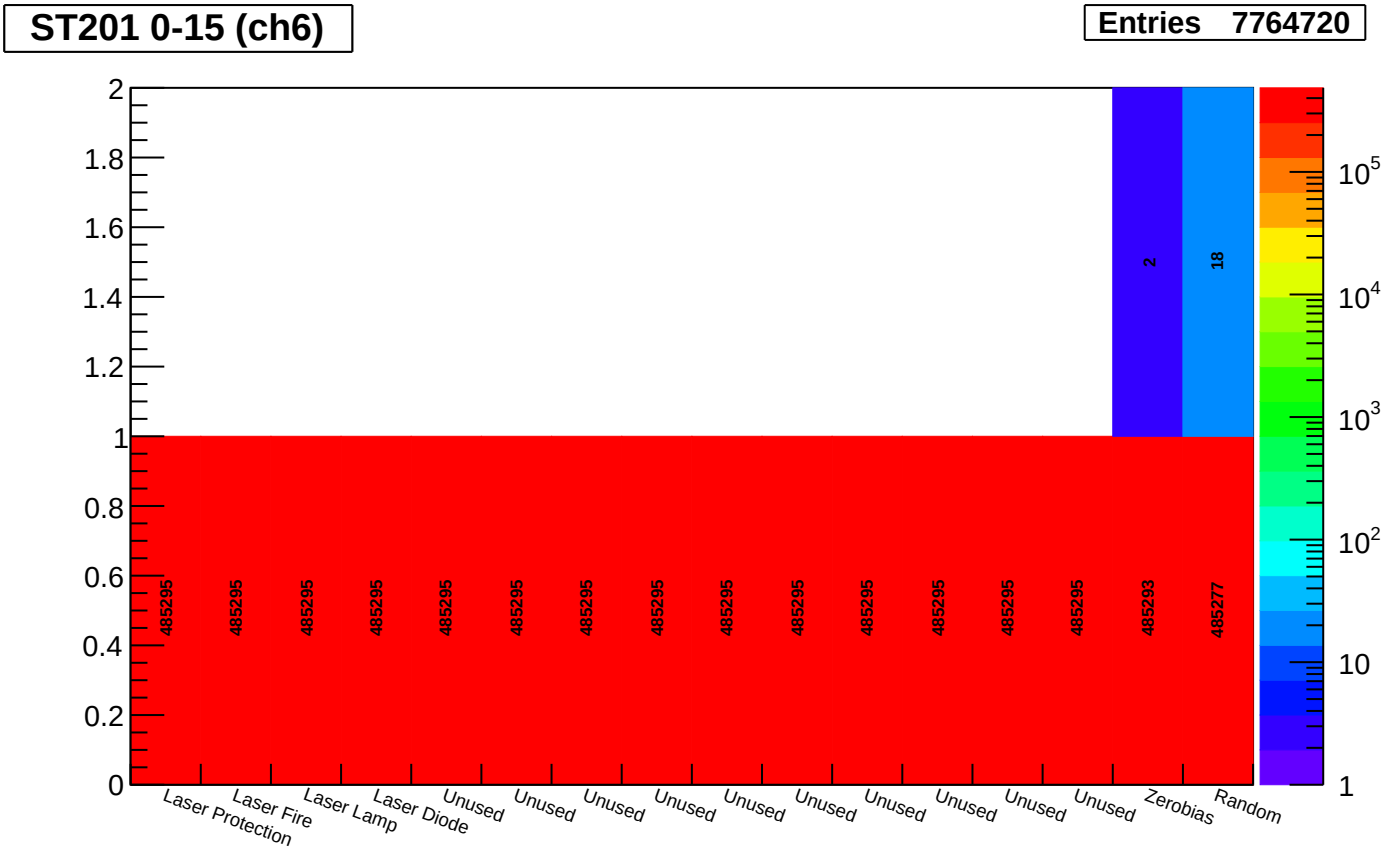

Entries 485295
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

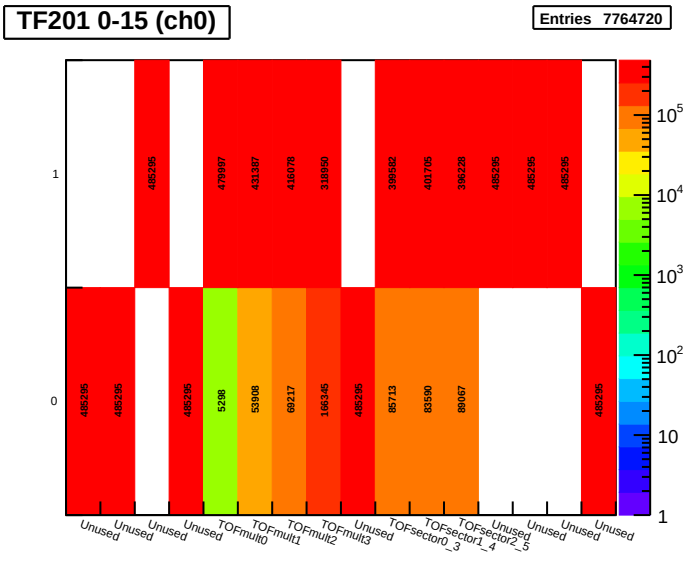

Entries 485295
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

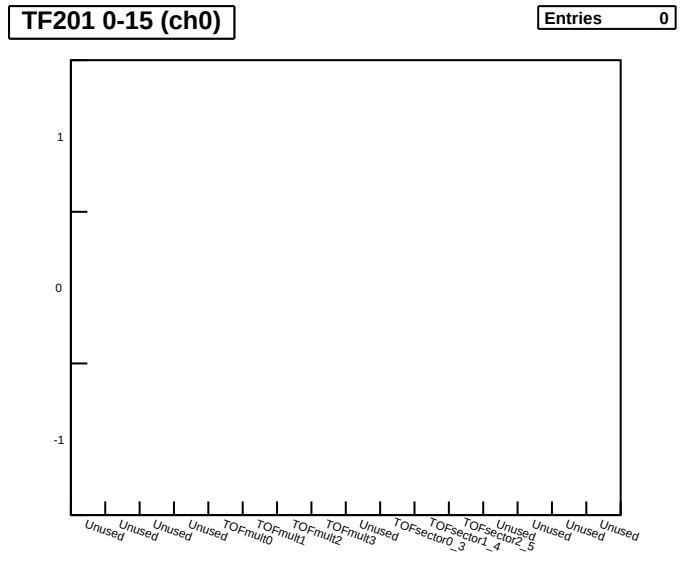

Entries 485295
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

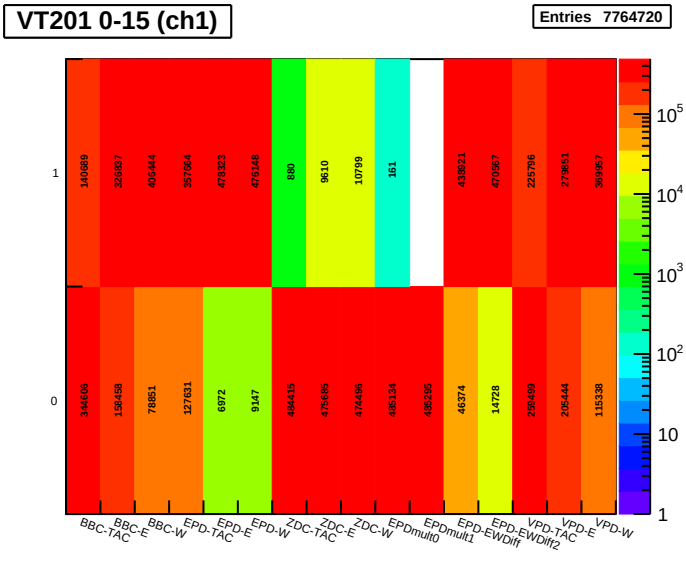

Entries 485295
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

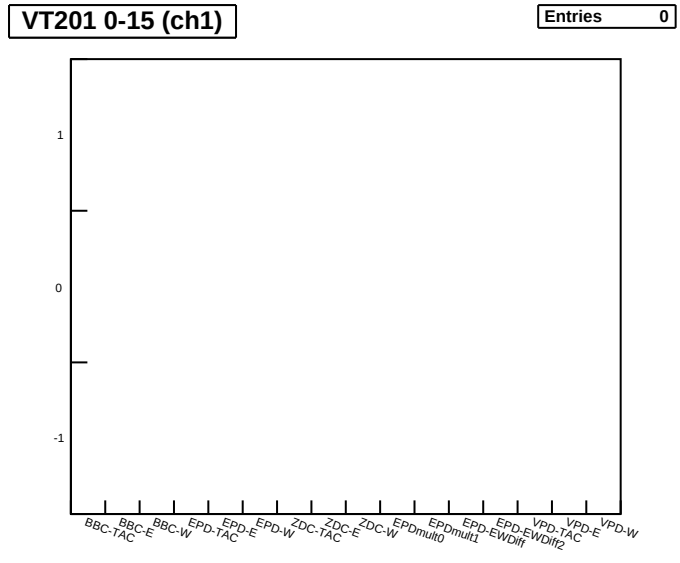

Laser Input Bits
Entries 485295
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

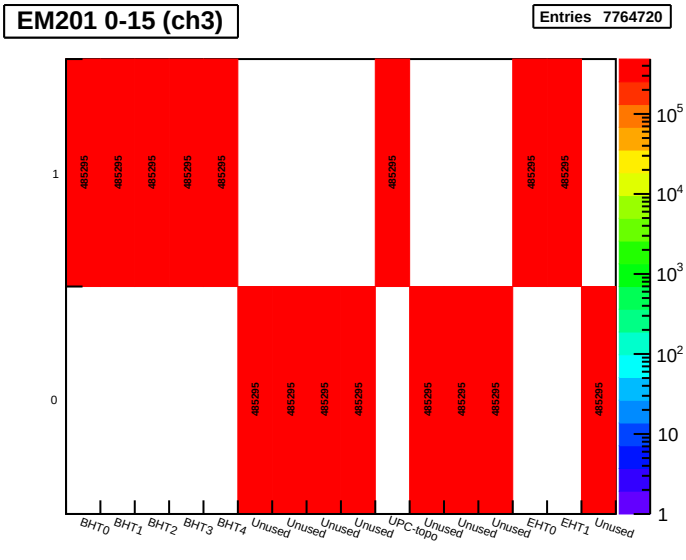

ST201 0-15 (ch6)
Entries 7764720
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
485295
485295
485295
485295
485295
485295
485295
485295
485295
485295
485295
485295
485295
485295
485293
485277
2
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

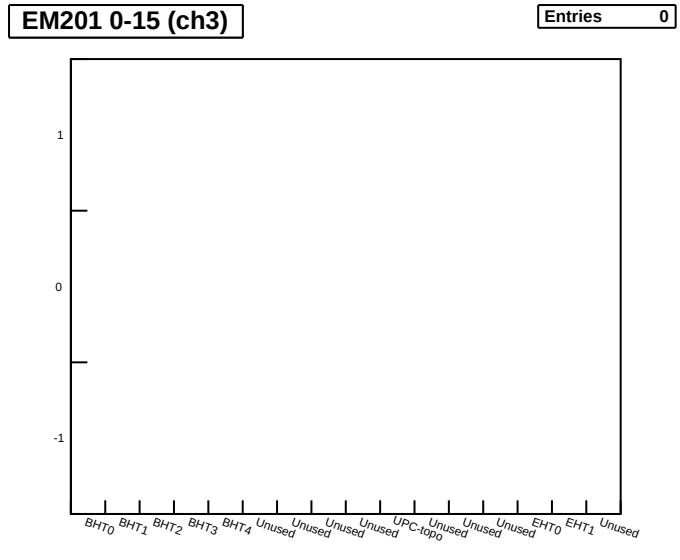

TF201 0-15 (ch0)
Entries 7764720
1
0
485295 479997 431387 416078 318950 399582 401705 386228 485295 485295 485295
485295 485295 485295 5298 53908 69217 166345 485295 85713 83590 89067 485295
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 7764720
1
0
140689 326837 406444 357664 478323 476148 880 9610 10799 161 438921 470567 225796 279851 369957
344606 158458 78851 127631 6972 9147 484415 475685 474496 485134 485295 46374 14728 259499 205444 115338
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 7764720
1
0
485295 485295 485295 485295 485295 485295 485295 485295
485295 485295 485295 485295 485295 485295 485295 485295
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