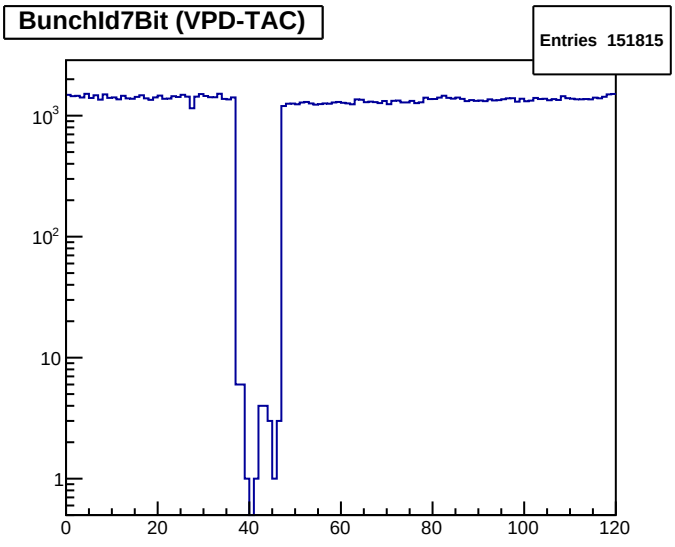
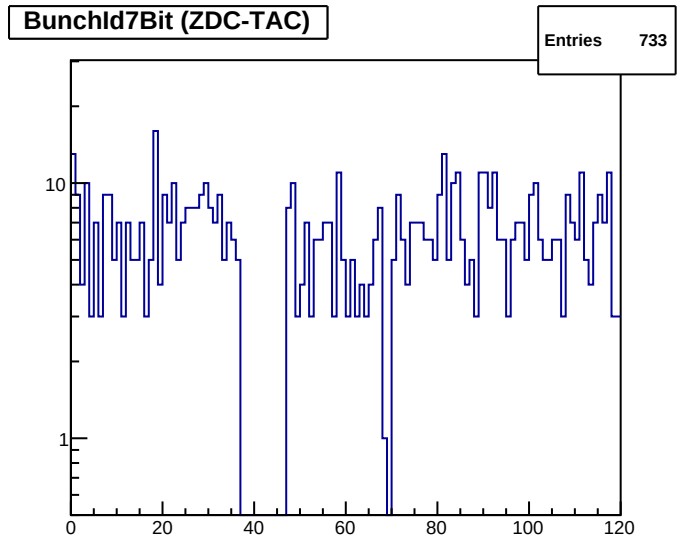
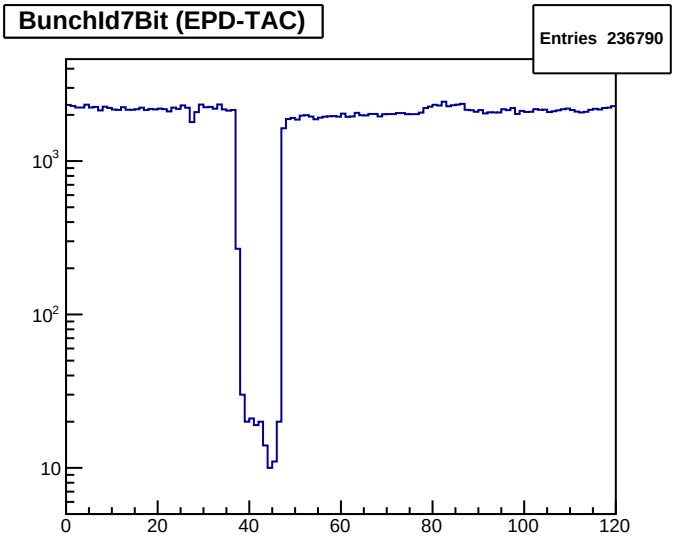
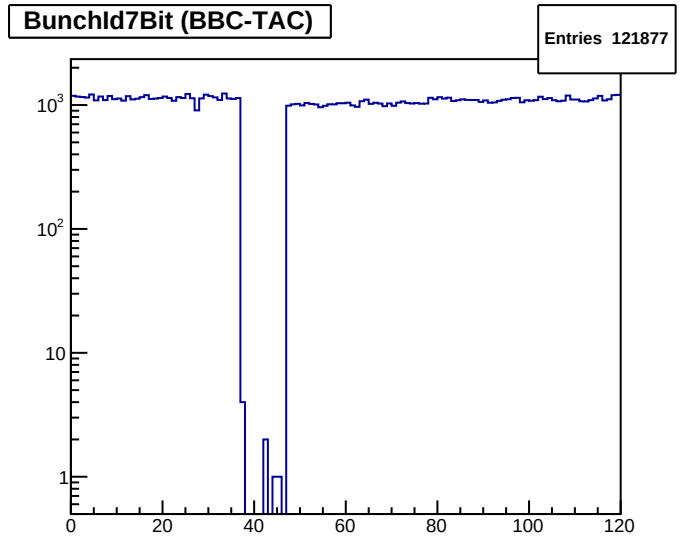
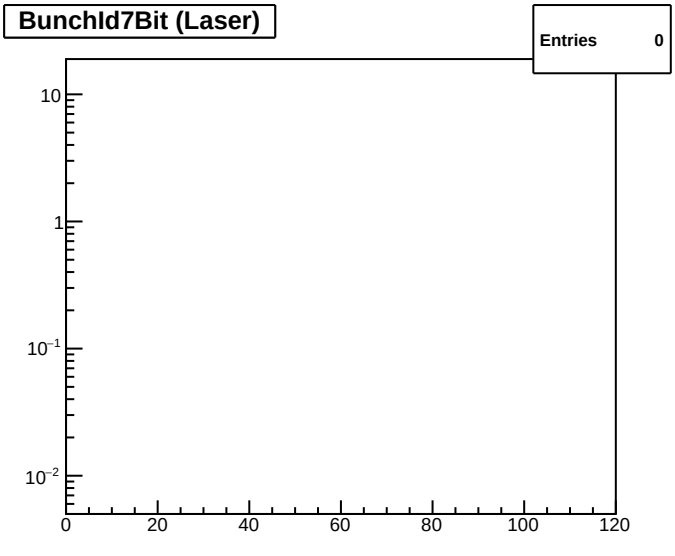
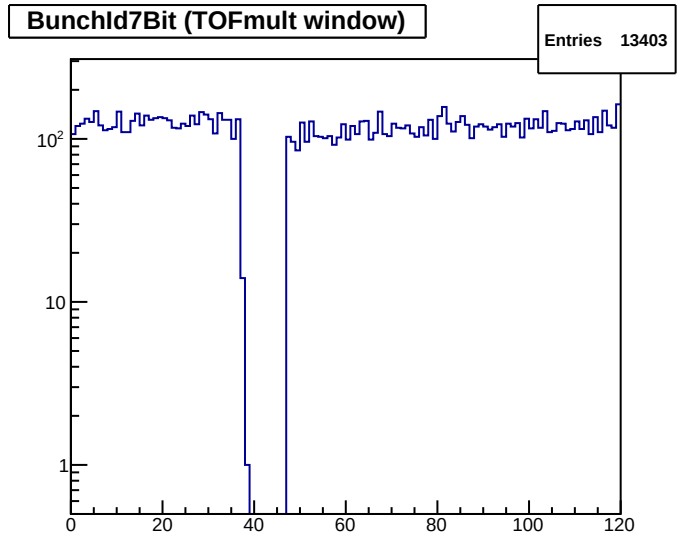

BunchId7Bit (VPD-TAC)
Entries 151815

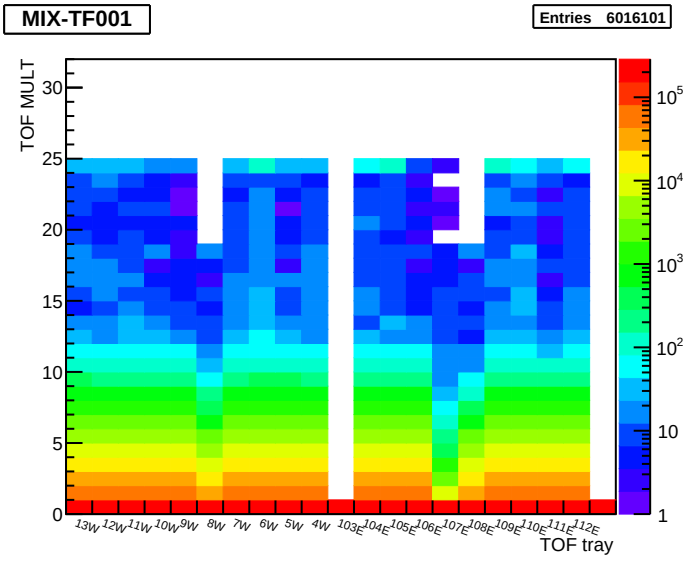

BunchId7Bit (ZDC-TAC)
Entries 733

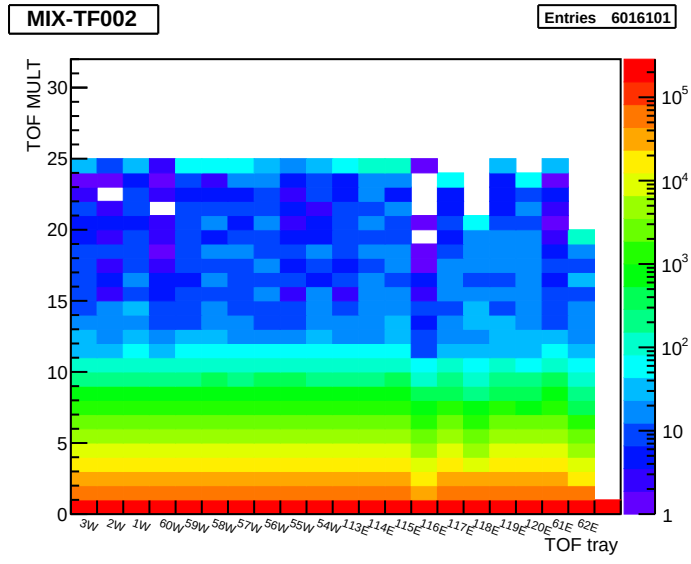

BunchId7Bit (EPD-TAC)
Entries 236790

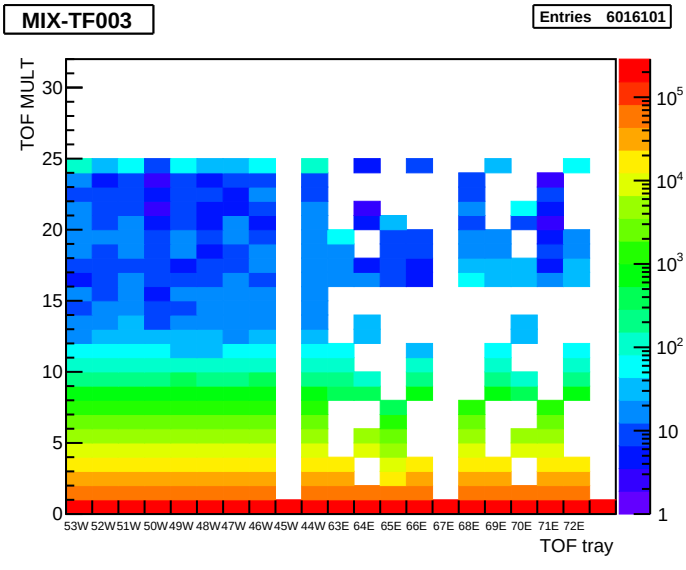

BunchId7Bit (BBC-TAC)
Entries 121877

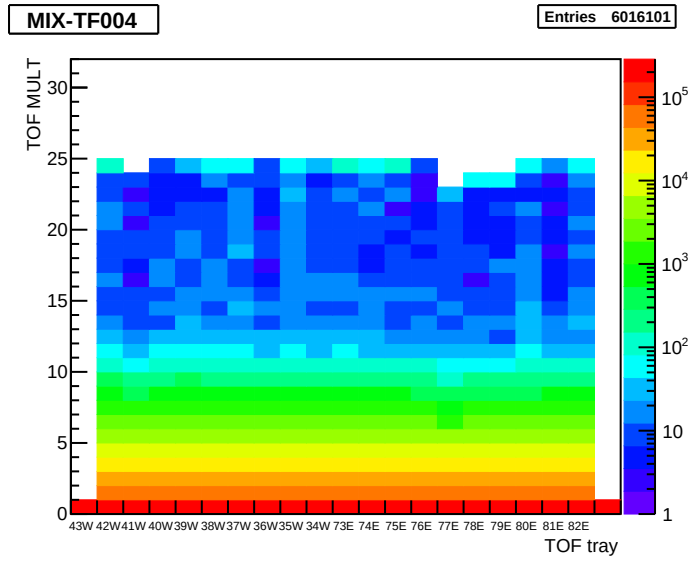

BunchId7Bit (Laser)
Entries 0

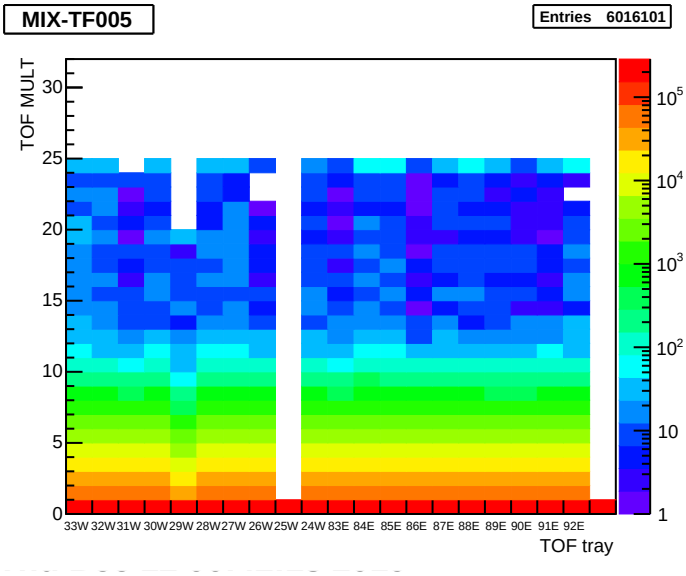

BunchId7Bit (TOFmult window)
Entries 13403

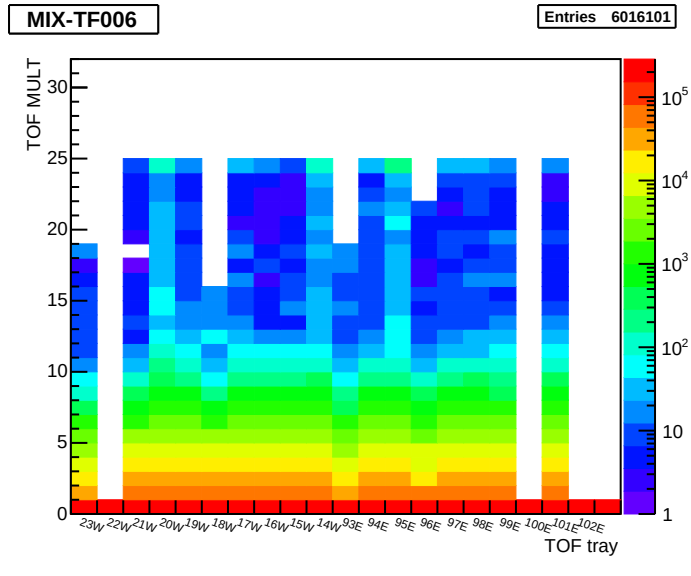

MIX-TF001
Entries 6016101
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

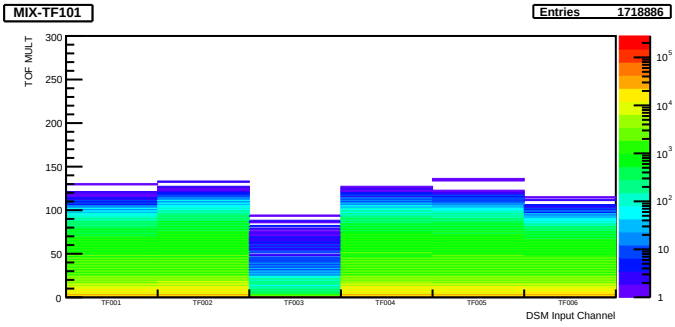

MIX-TF002
Entries 6016101
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

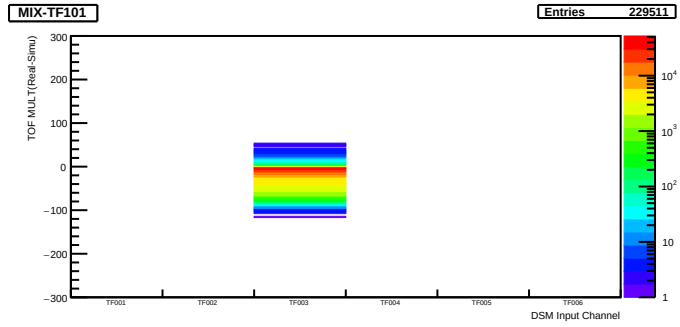

MIX-TF003
Entries 6016101
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

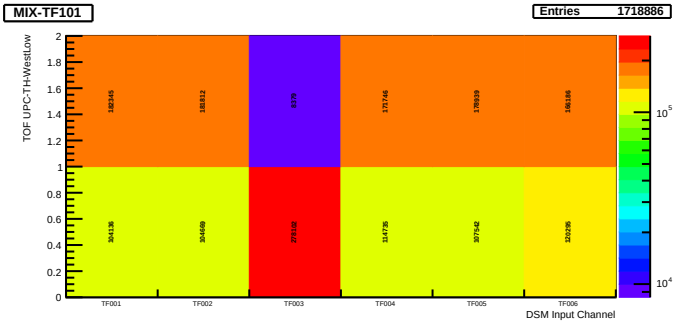

MIX-TF004
Entries 6016101
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

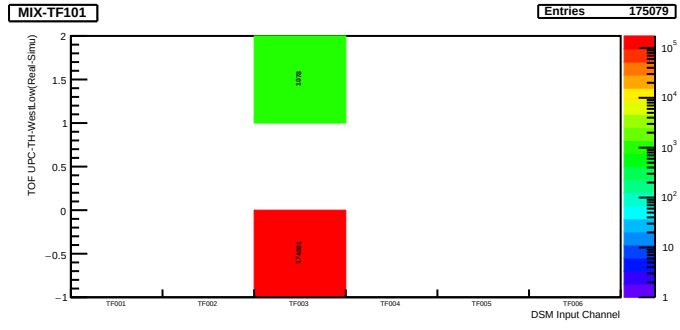

MIX-TF005
Entries 6016101
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

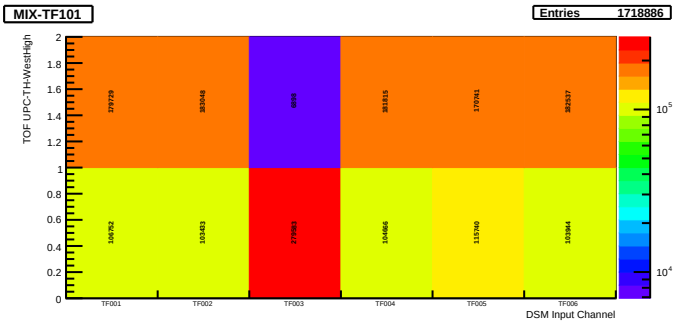

MIX-TF006
Entries 6016101
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

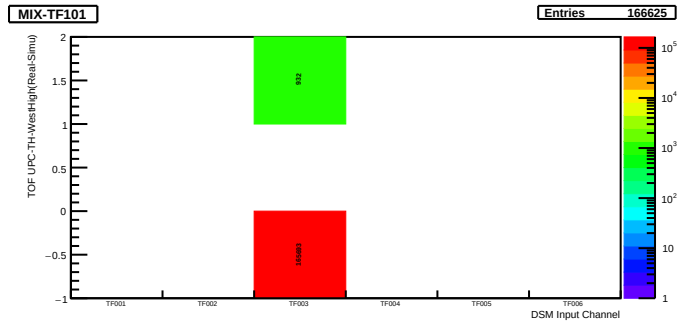

MIX-TF101
Entries 1718886
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

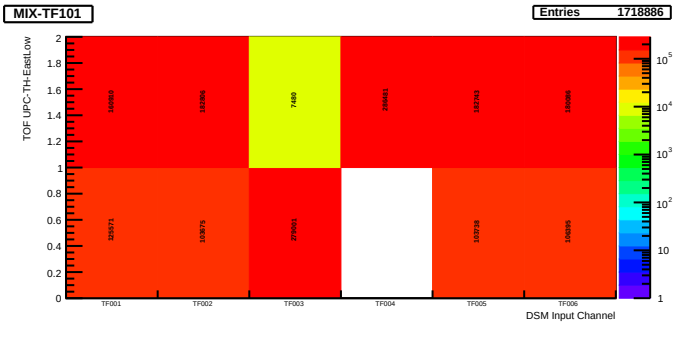

MIX-TF101
Entries 229511
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

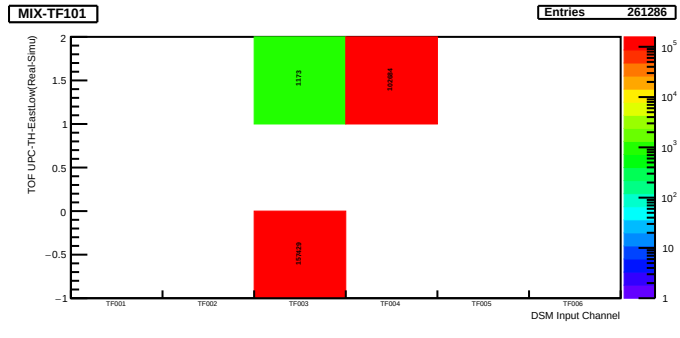

MIX-TF101
Entries 1718886
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

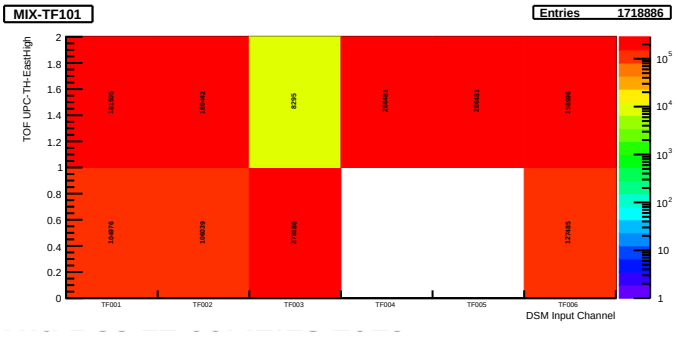

MIX-TF101
Entries 175079
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

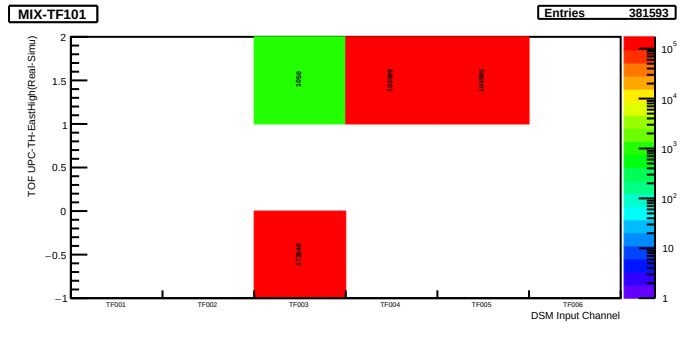

MIX-TF101
Entries 1718886
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

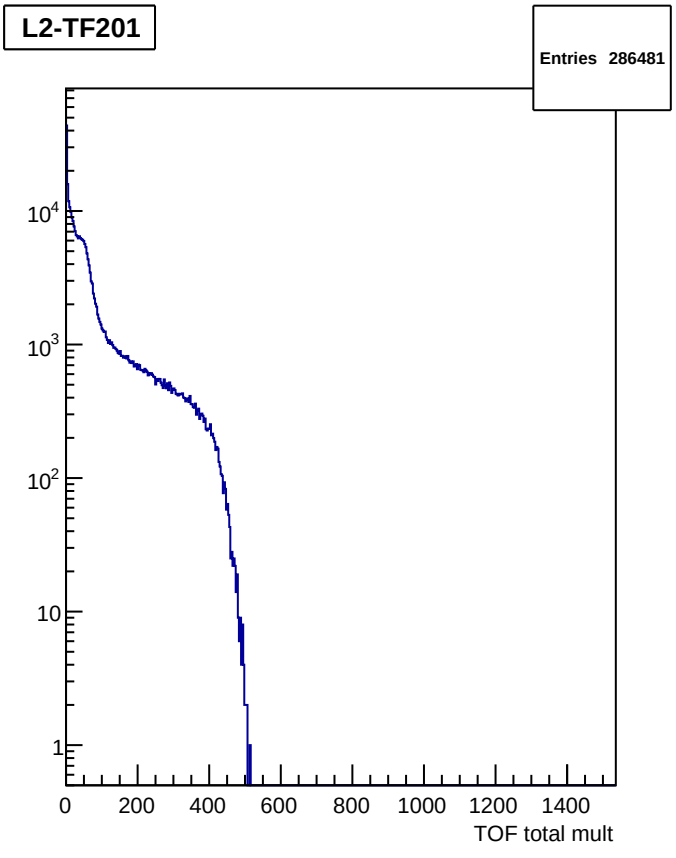

MIX-TF101
Entries 166625
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

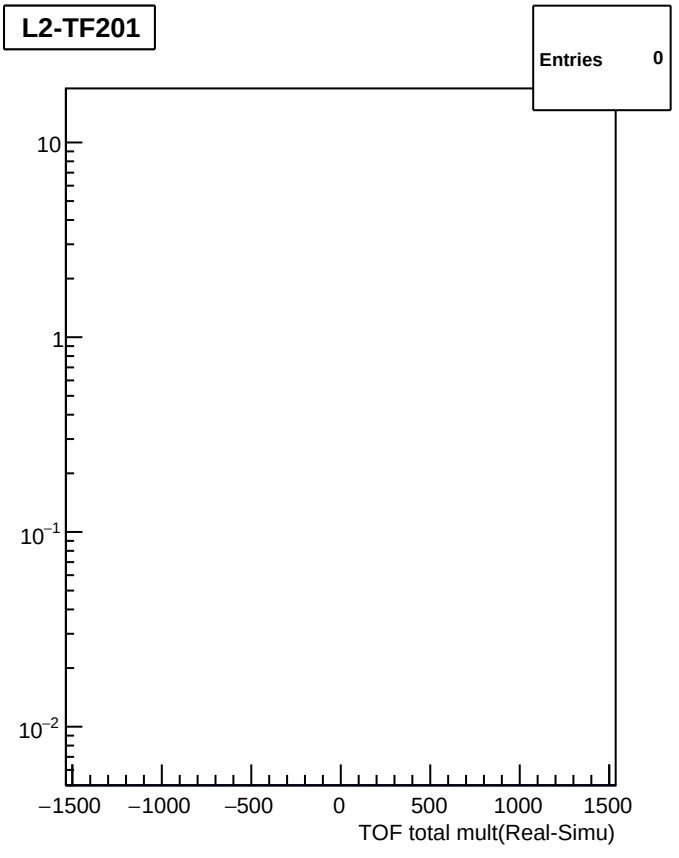

MIX-TF101
Entries 1718886
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

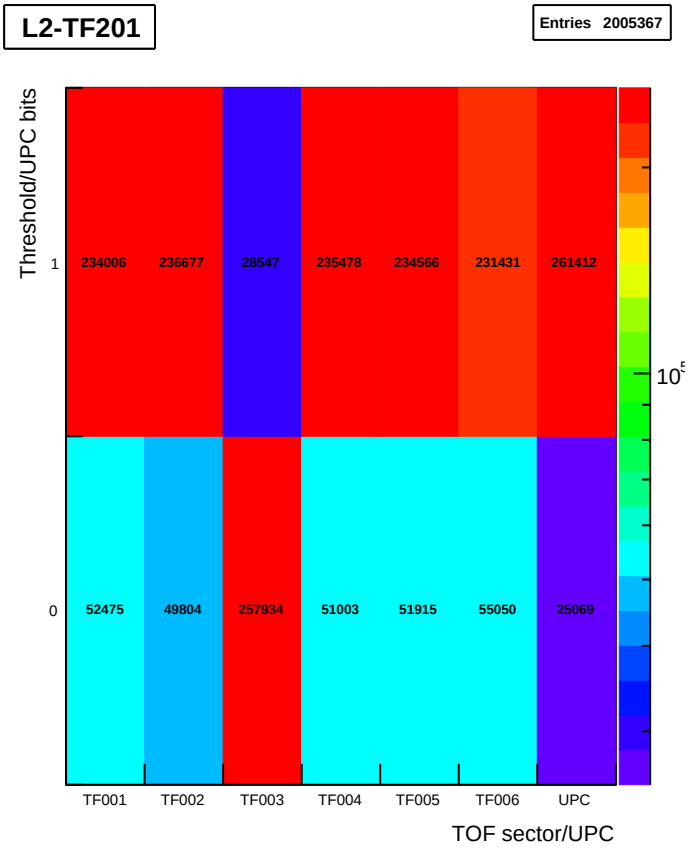

MIX-TF101
Entries 261286
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

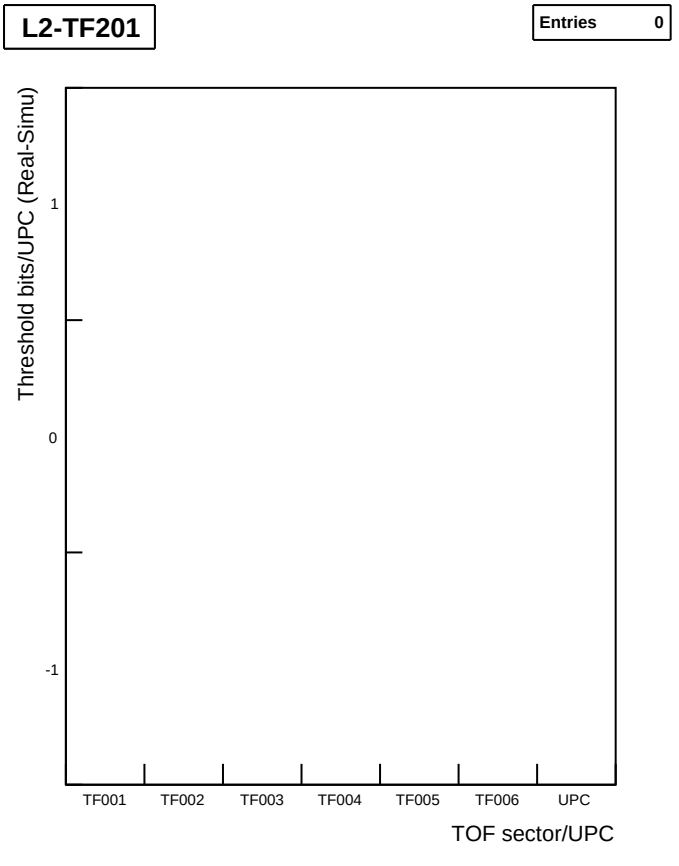

MIX-TF101
Entries 1718886
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

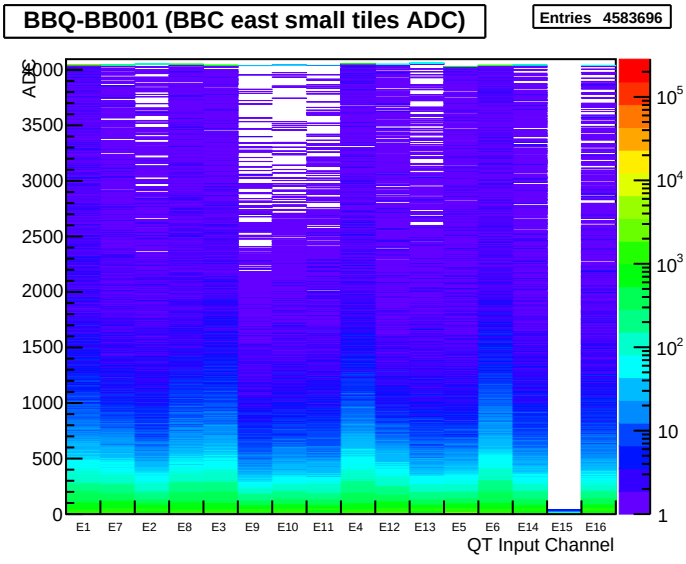

MIX-TF101
Entries 381593
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

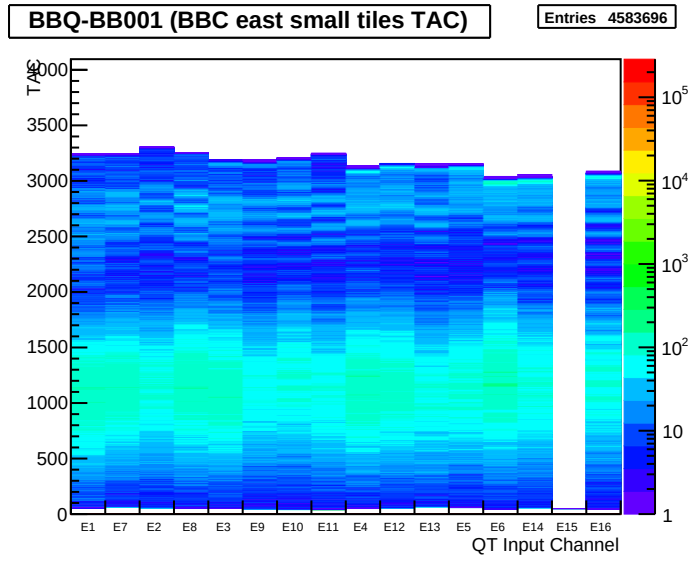

L2-TF201
Entries 286481
TOF total mult

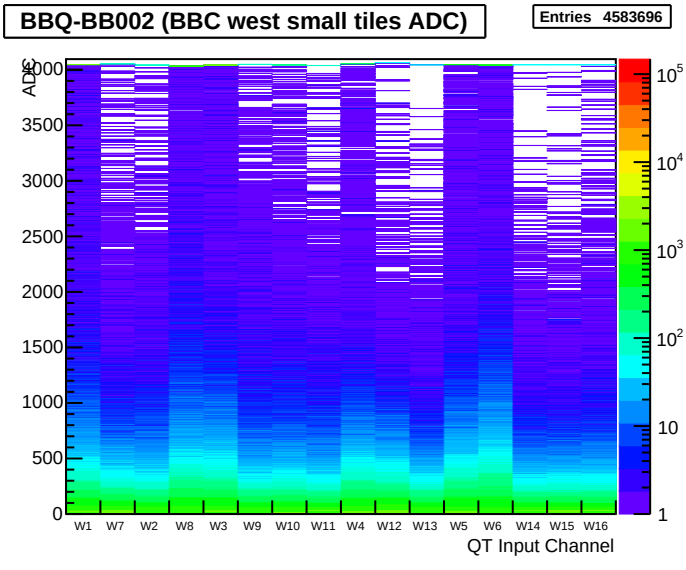

L2-TF201
Entries 0
TOF total mult(Real-Simu)

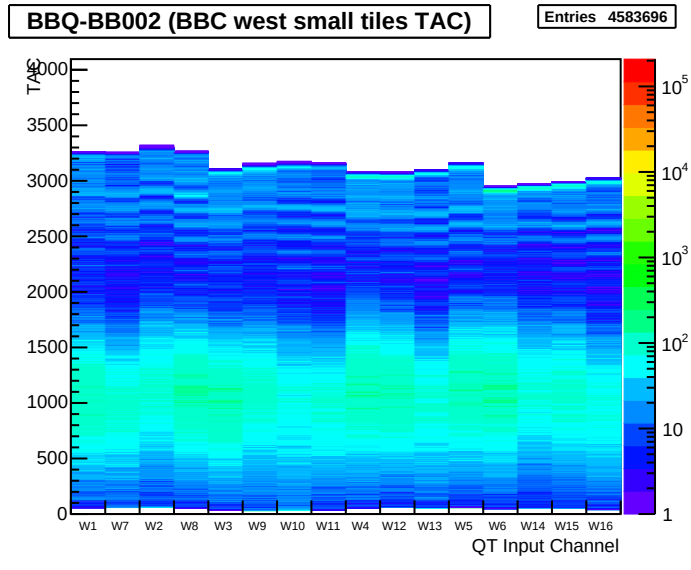

L2-TF201
Entries 2005367
Threshold/UPC bits
234006
236677
28547
235478
234566
231431
261412
52475
49804
257934
51003
51915
55050
25069
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

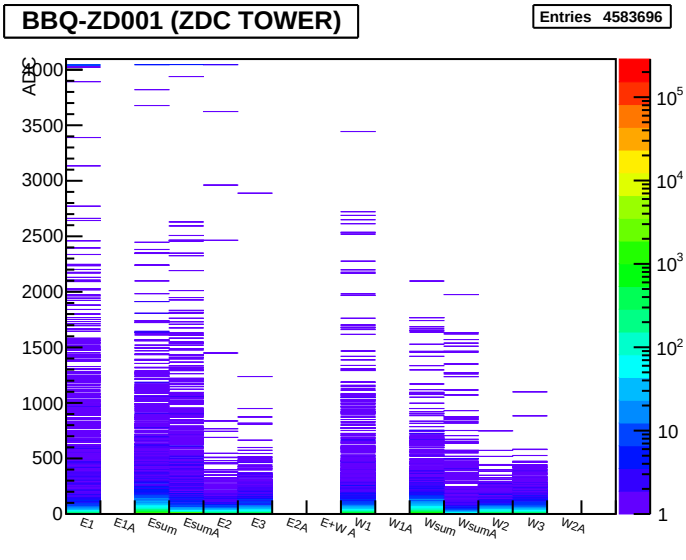

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

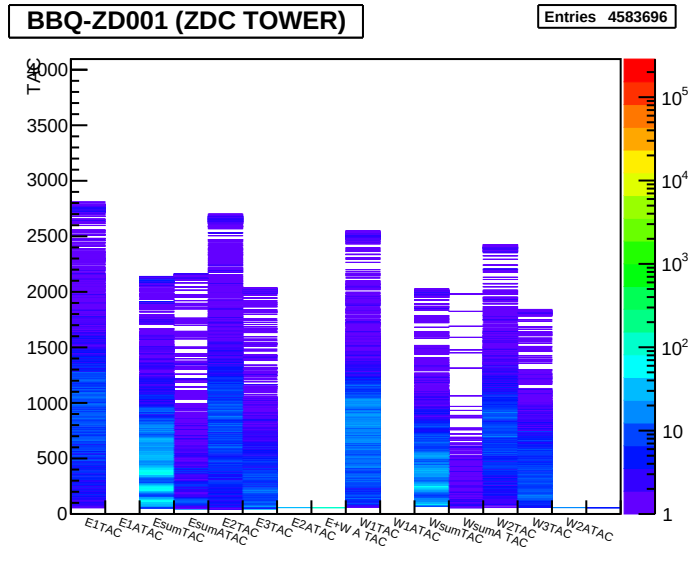

BBQ-BB001 (BBC east small tiles ADC)
Entries 4583696
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

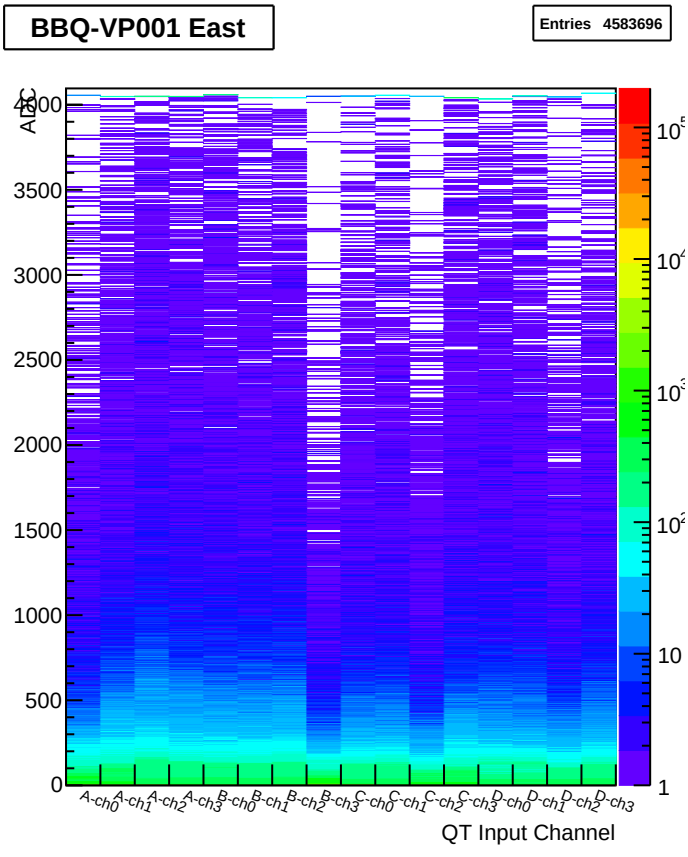

BBQ-BB001 (BBC east small tiles TAC)
Entries 4583696
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

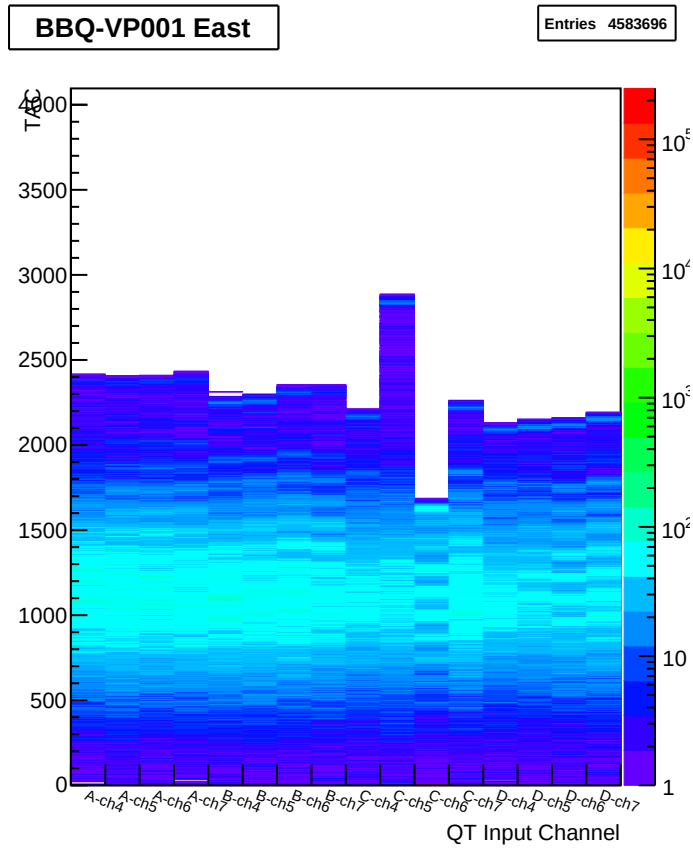

BBQ-BB002 (BBC west small tiles ADC)
Entries 4583696
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

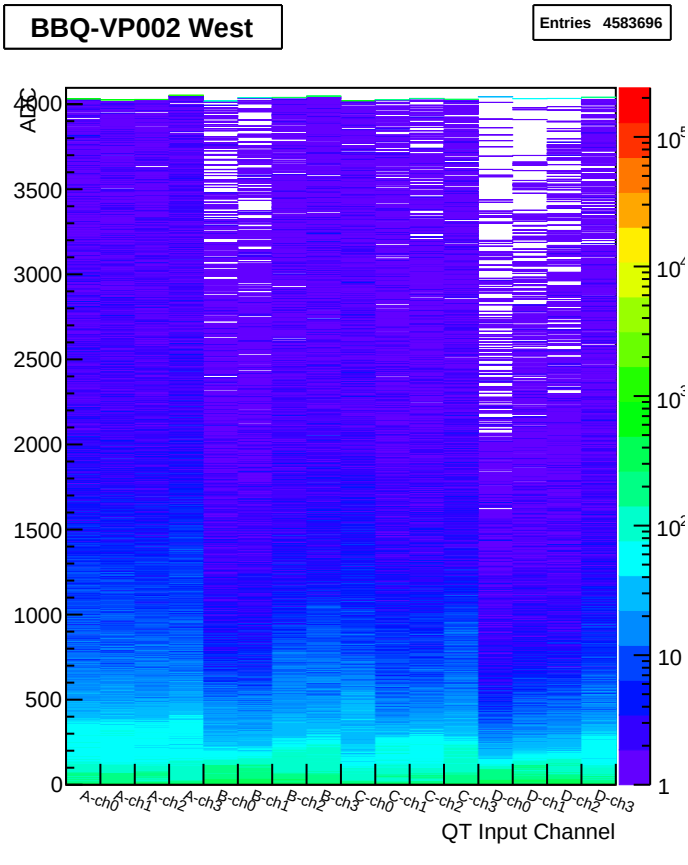

BBQ-BB002 (BBC west small tiles TAC)
Entries 4583696
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

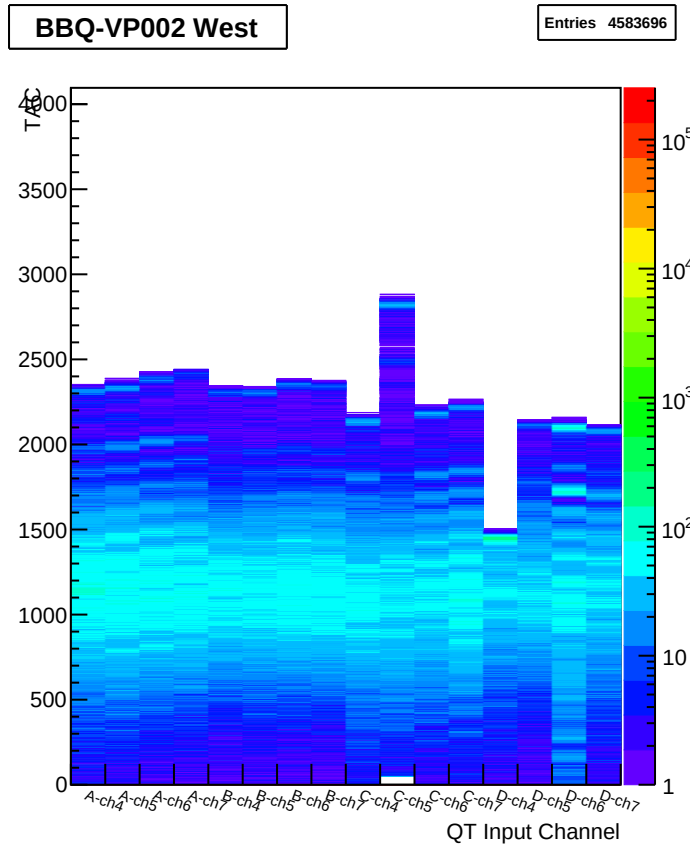

BBQ-ZD001 (ZDC TOWER)
Entries 4583696
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

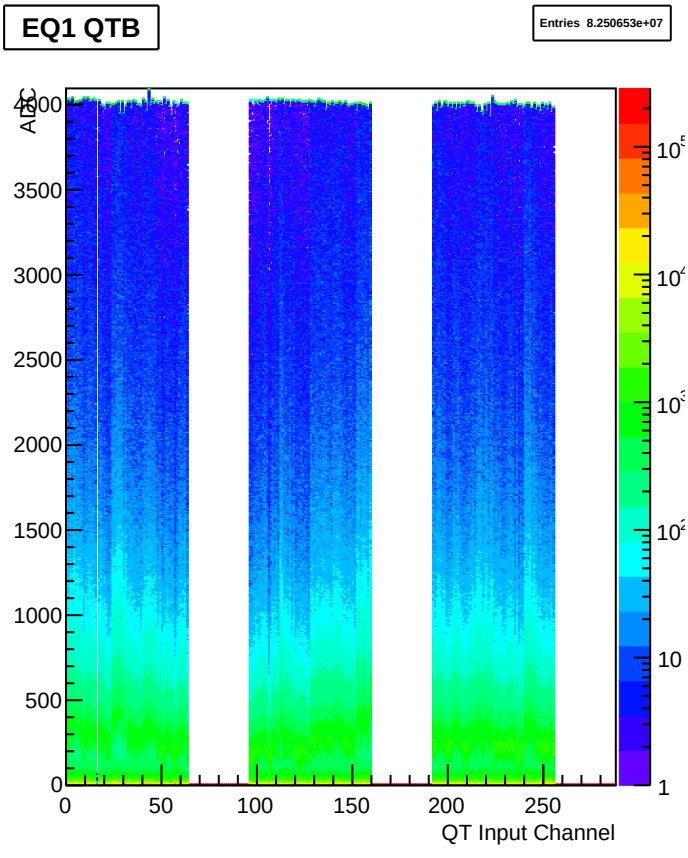

BBQ-ZD001 (ZDC TOWER)
Entries 4583696
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

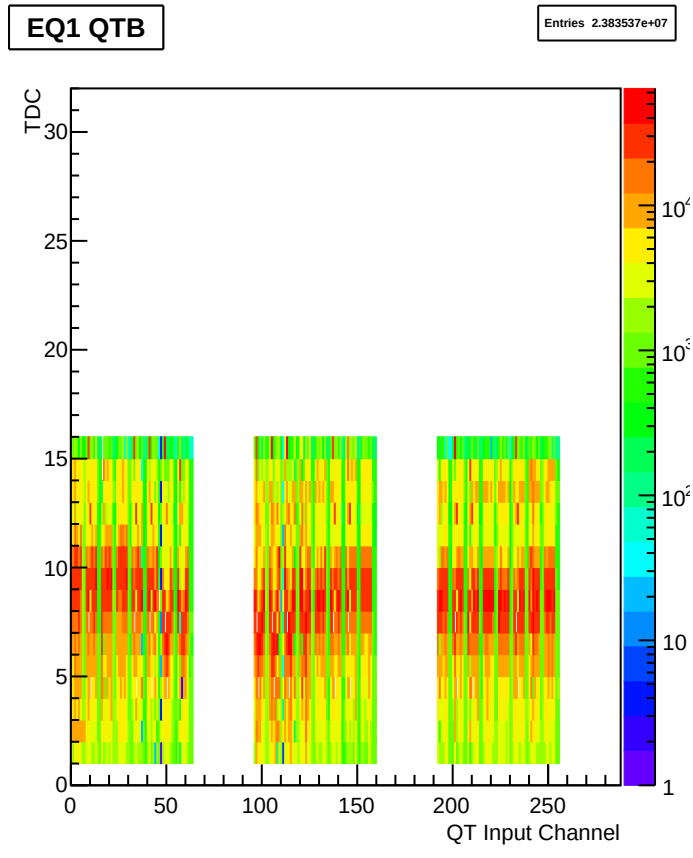

BBQ-VP001 East
Entries 4583696
ADC
QT Input Channel

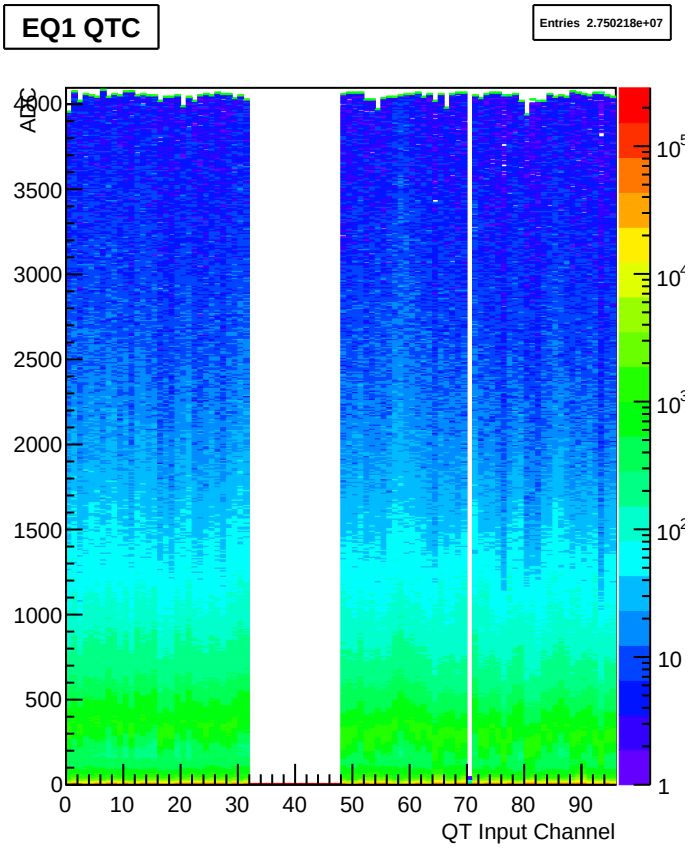

BBQ-VP001 East
Entries 4583696
TADC
QT Input Channel

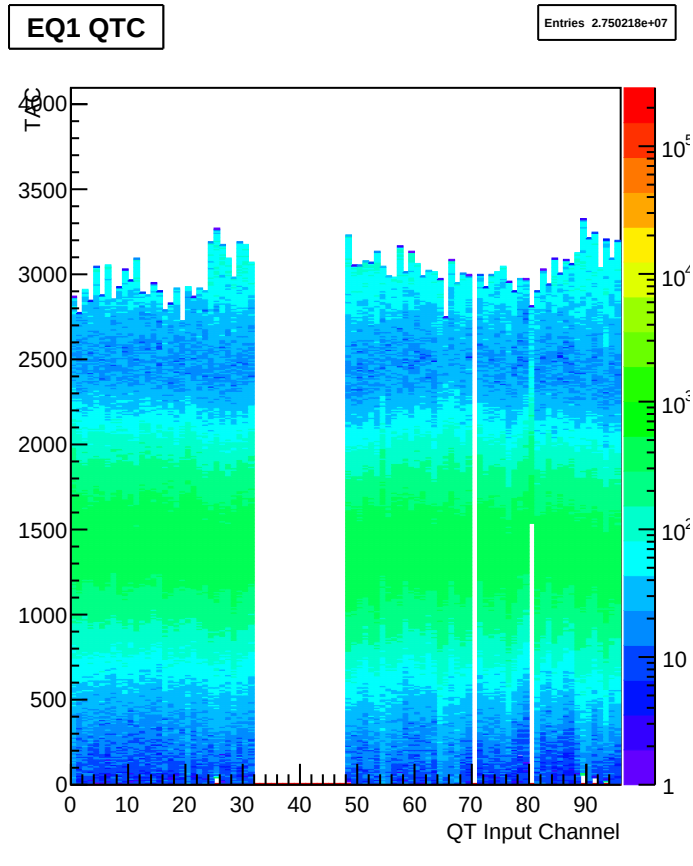

BBQ-VP002 West
Entries 4583696
ADC
QT Input Channel

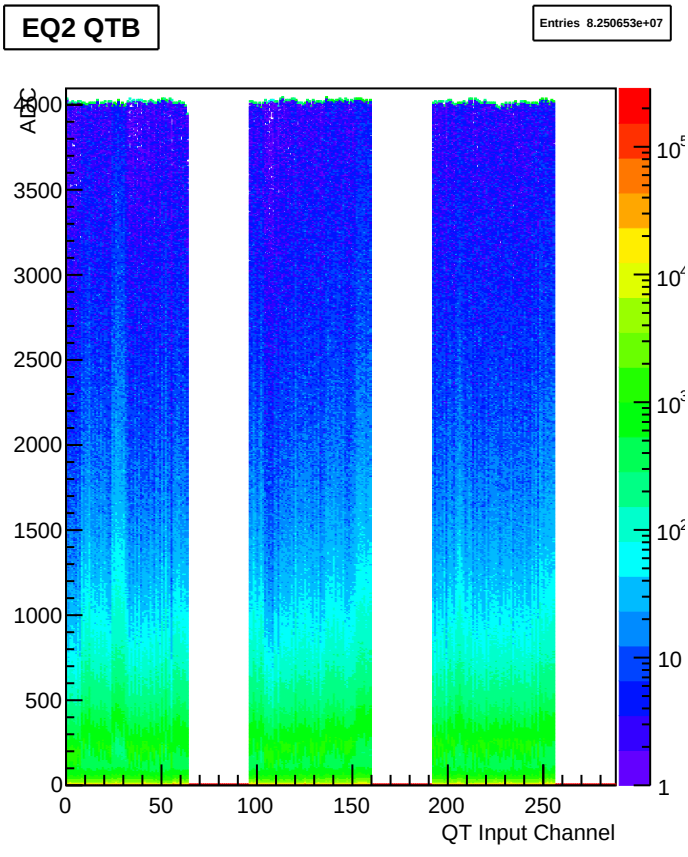

BBQ-VP002 West
Entries 4583696
TADC
QT Input Channel

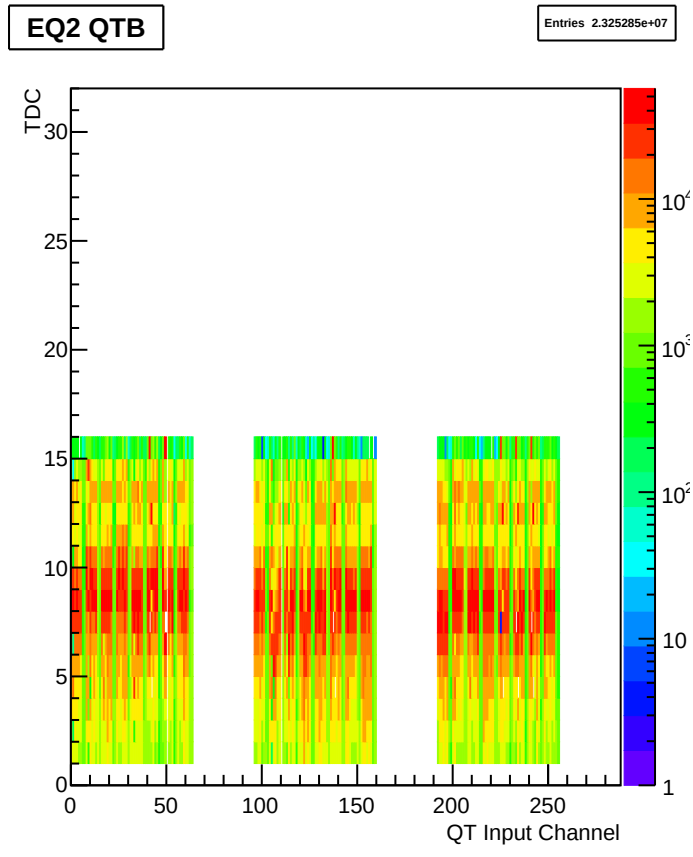

EQ1 QTB
Entries 8.250653e+07
ADC
QT Input Channel

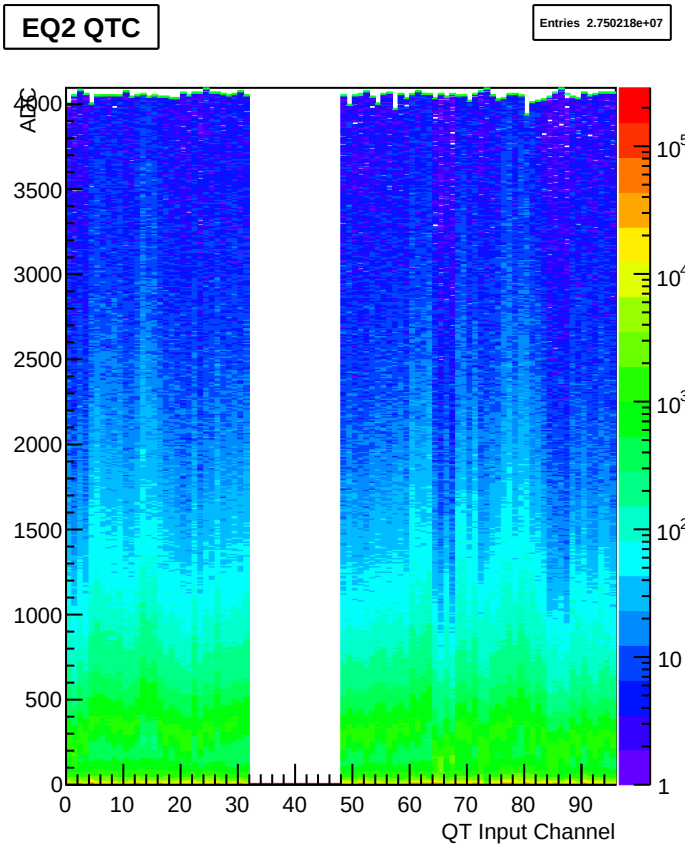

EQ1 QTB
Entries 2.383537e+07
TDC
QT Input Channel

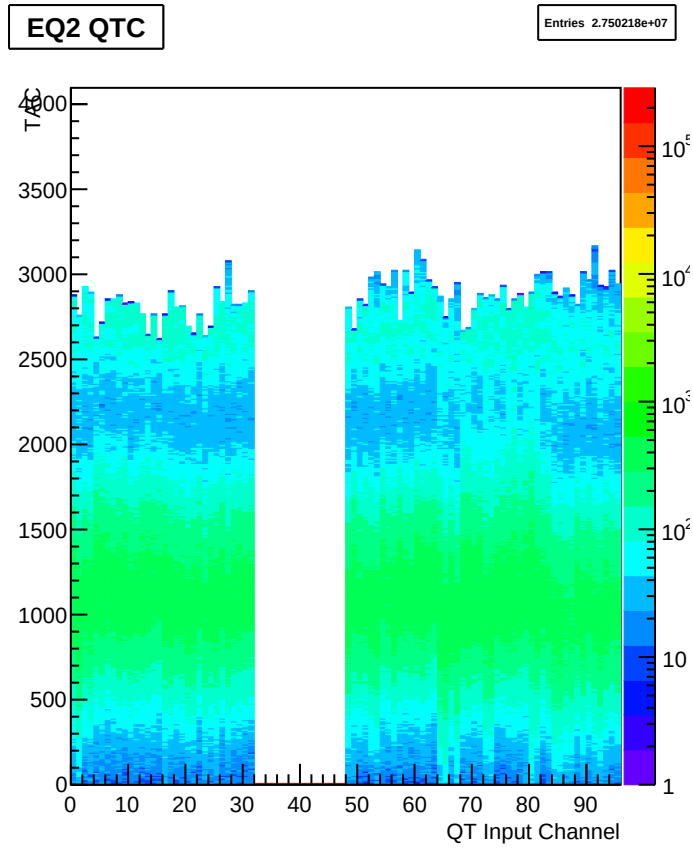

EQ1 QTC
Entries 2.750218e+07
ADC
QT Input Channel

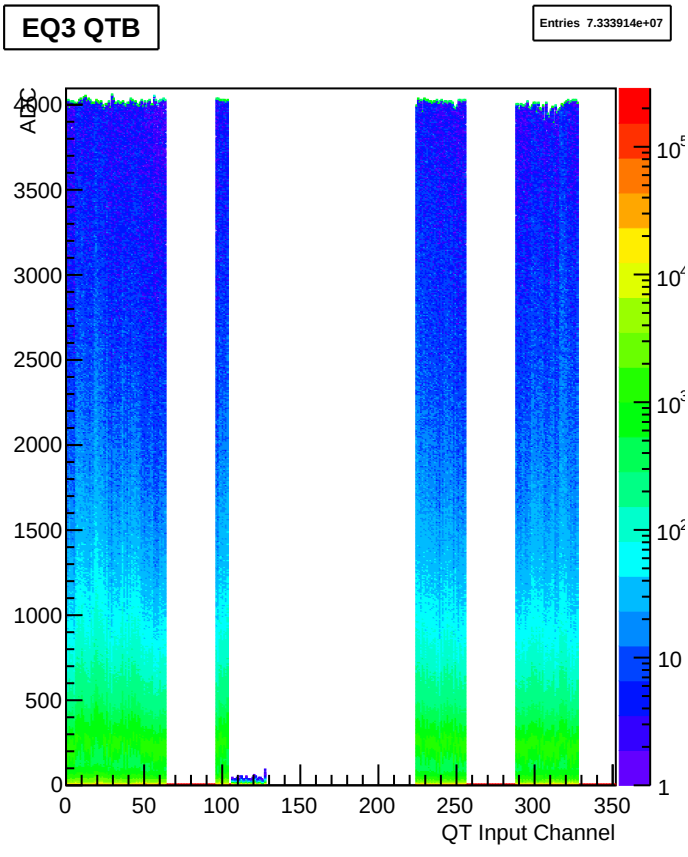

EQ1 QTC
Entries 2.750218e+07
TADC
QT Input Channel

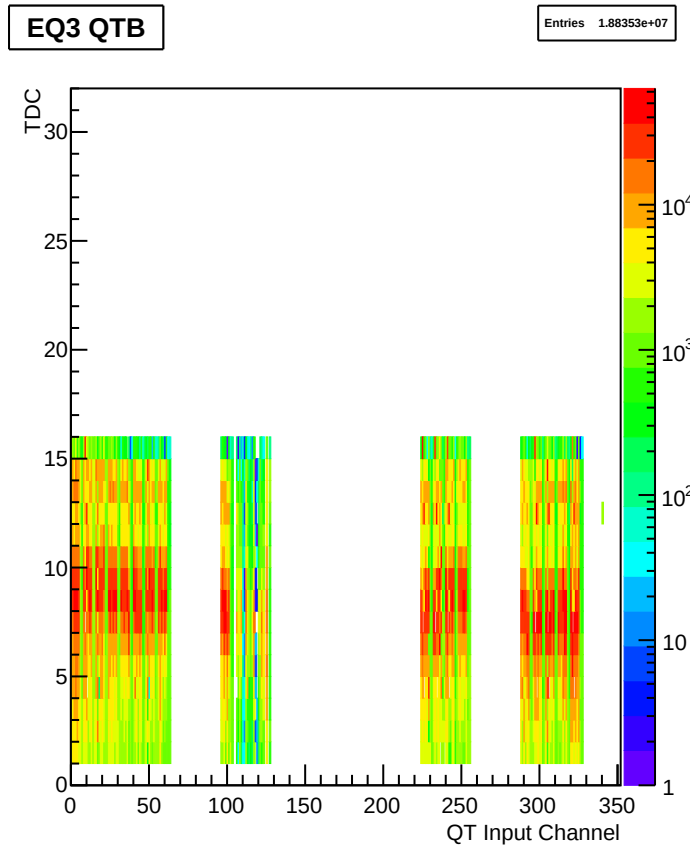

EQ2 QTB
Entries 8.250653e+07
ADC
QT Input Channel

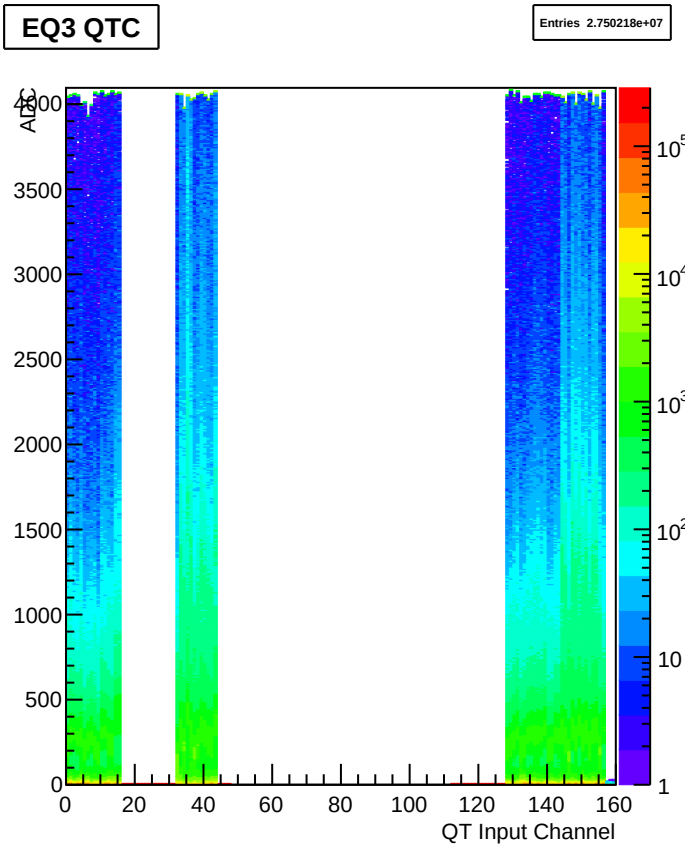

EQ2 QTB
Entries 2.325285e+07
TDC
QT Input Channel

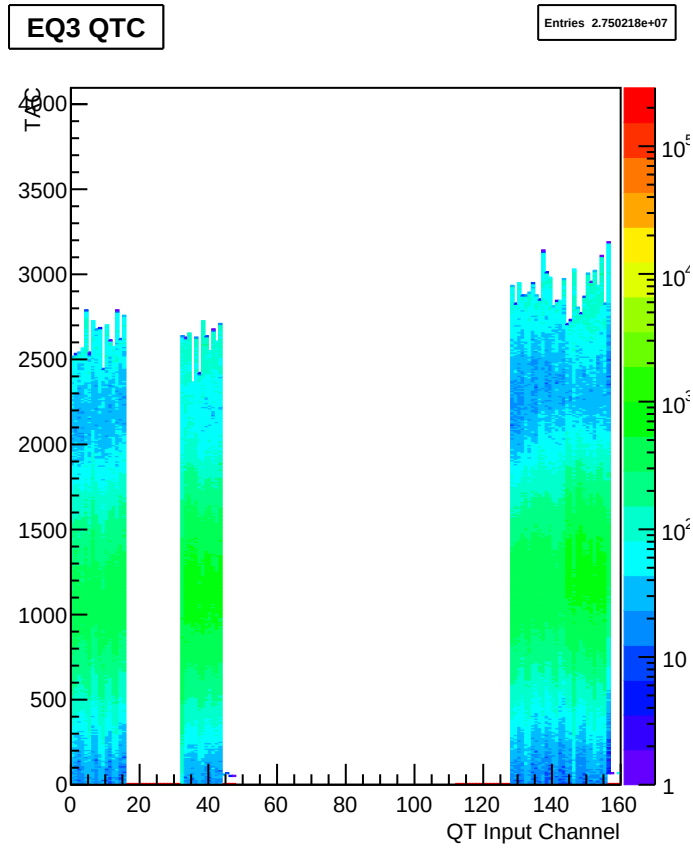

EQ2 QTC
Entries 2.750218e+07
ADC
QT Input Channel

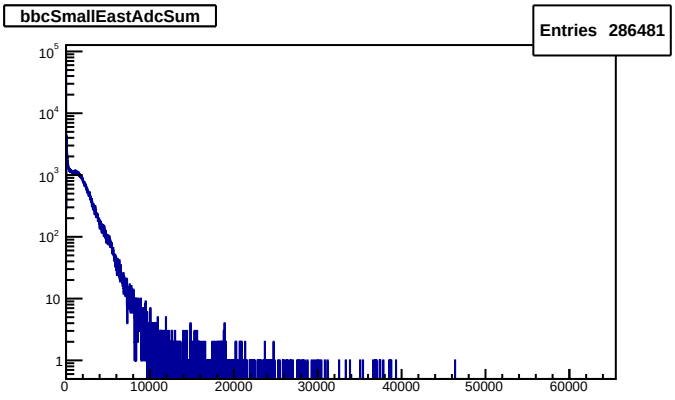

EQ2 QTC
Entries 2.750218e+07
TADC
QT Input Channel

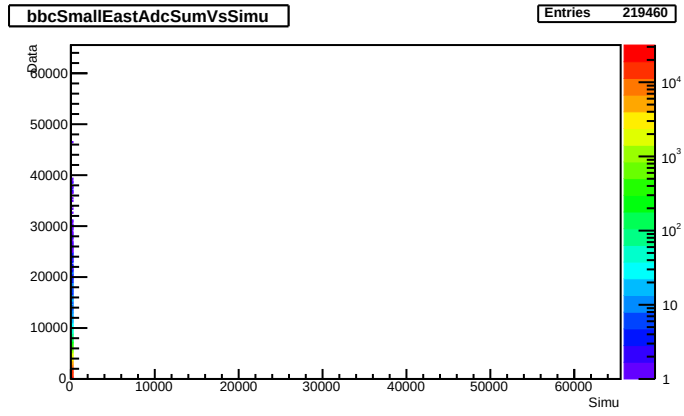

EQ3 QTB
Entries 7.333914e+07
ADC
QT Input Channel

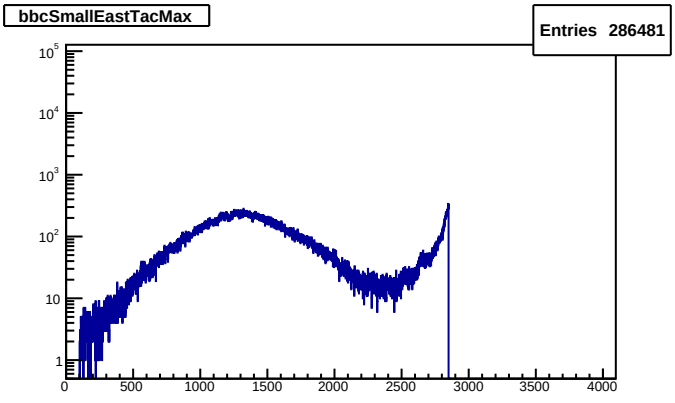

EQ3 QTB
Entries 1.88353e+07
TDC
QT Input Channel

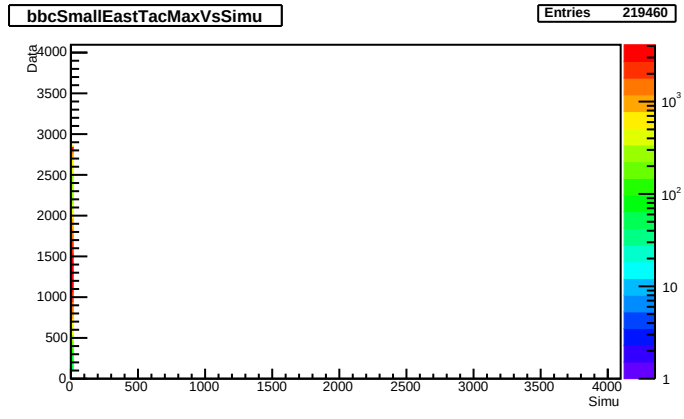

EQ3 QTC
Entries 2.750218e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.750218e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 286481


bbcSmallEastAdcSumVsSimu
Entries 219460
Data
Simu


bbcSmallEastTacMax
Entries 286481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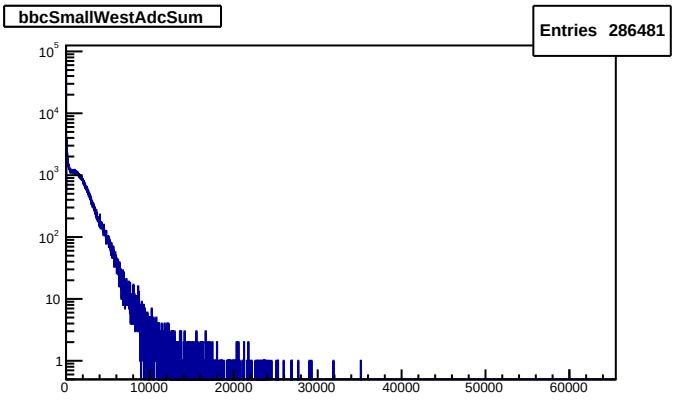
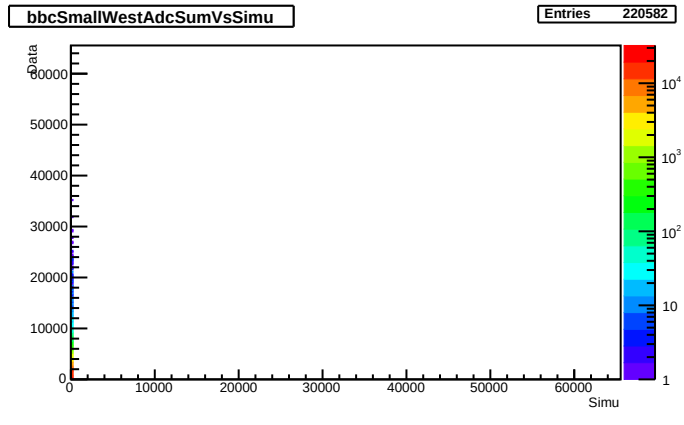
Data
Simu


bbcSmallWestAdcSum
Entries 286481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Entries 220582
Data
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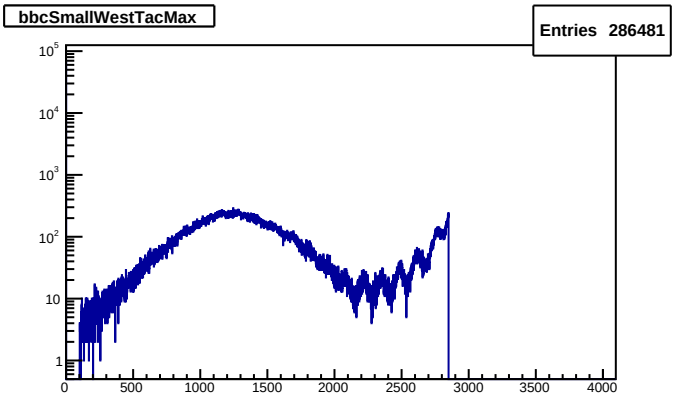
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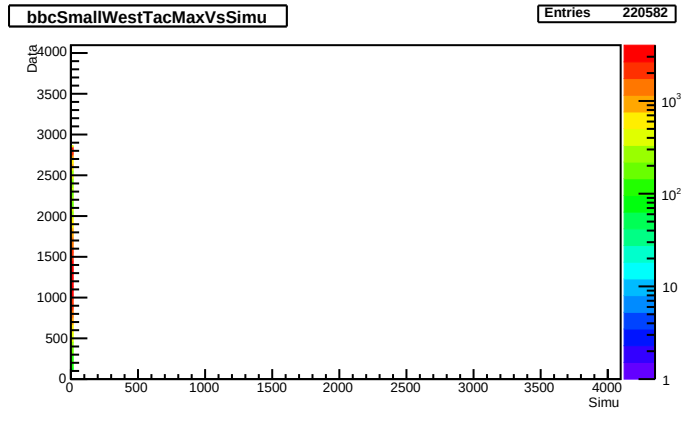
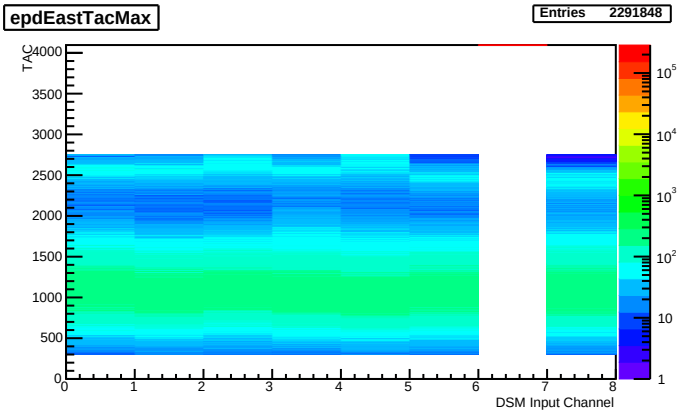
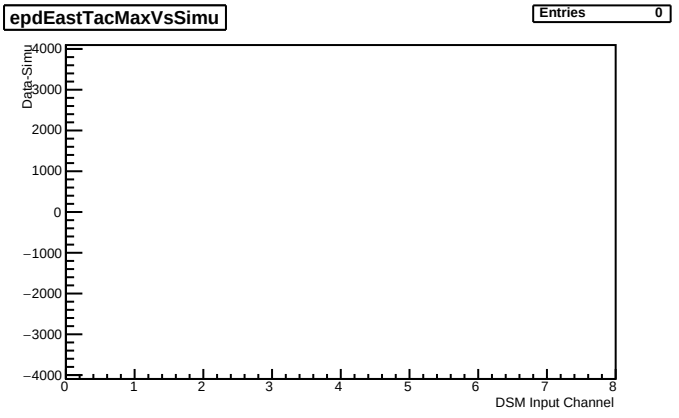

bbcSmallWestTacMaxVsSimu
Entries 220582
Data
Simu


epdEastTacMax
Entries 2291848
TAC
DSM Input Channel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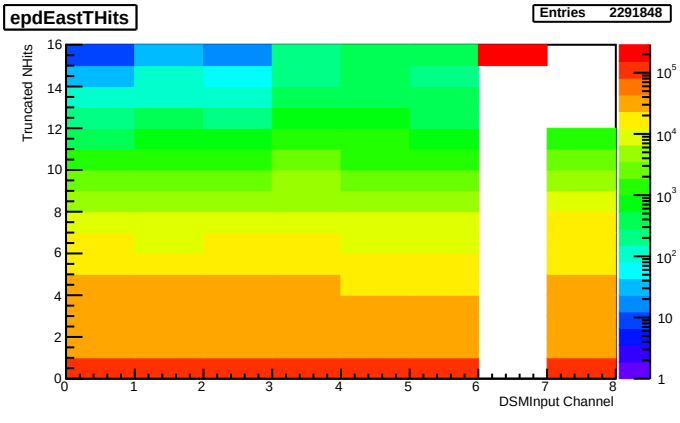
Entries 0
Data-Simu
DSM Input Channel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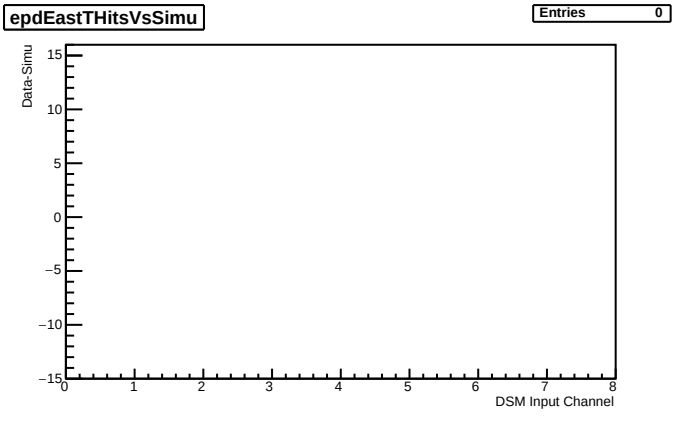
Entries 2291848
Truncated NHits
DSMInput Channel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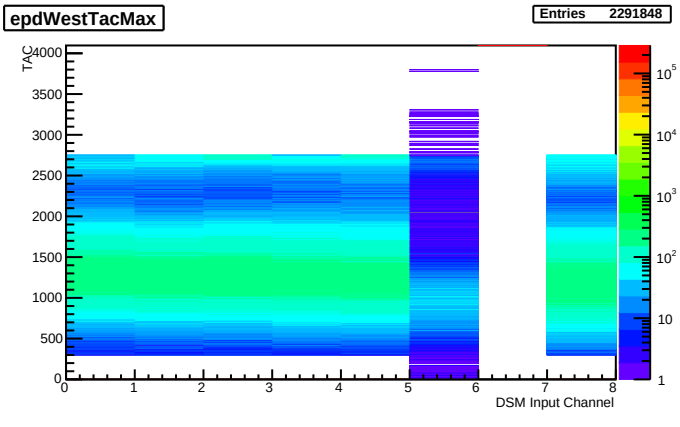
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Entries 2291848
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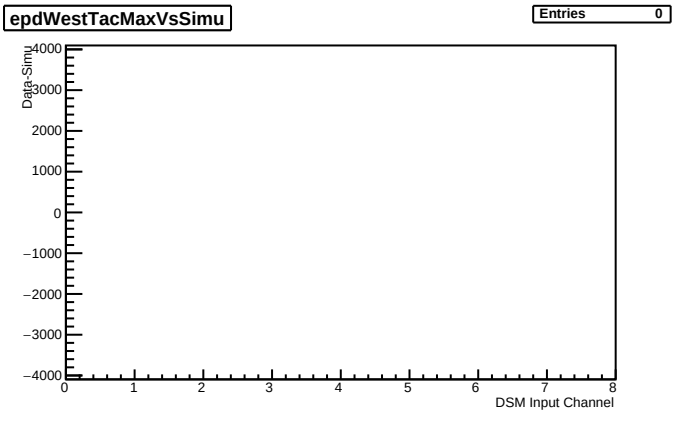
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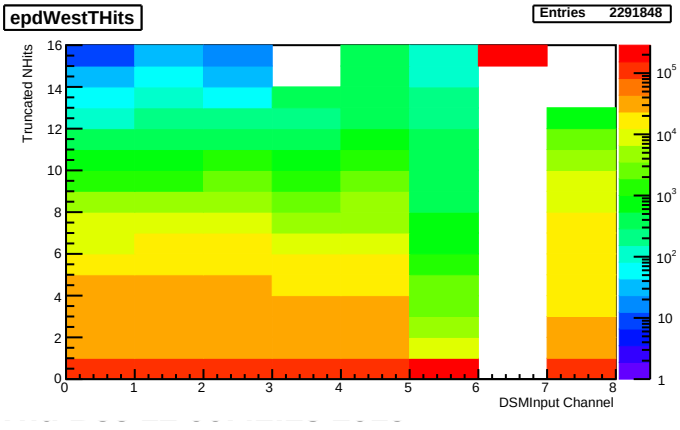
DSM Input Channel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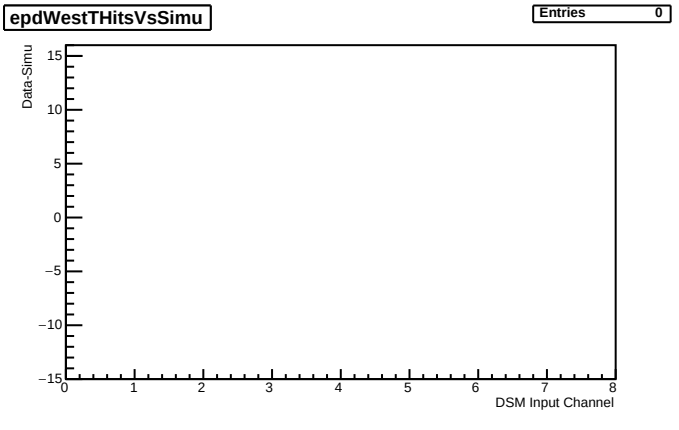
Entries 2291848
Truncated NHits
DSMInput Channel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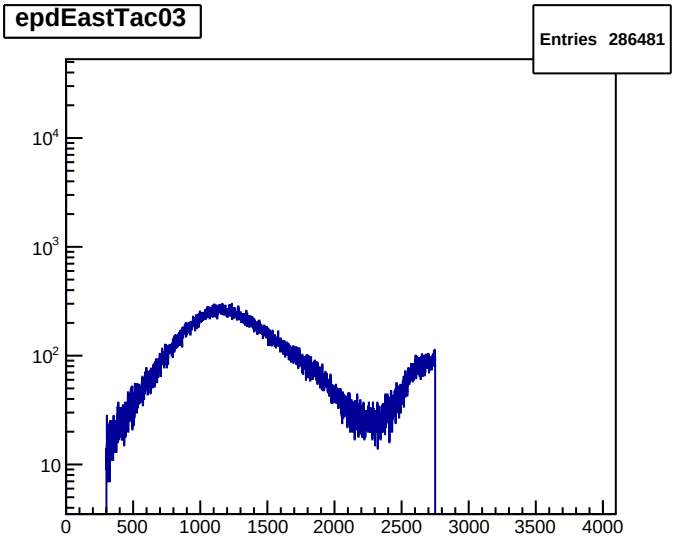
Entries 0
Data-Simu
DSM Input Channel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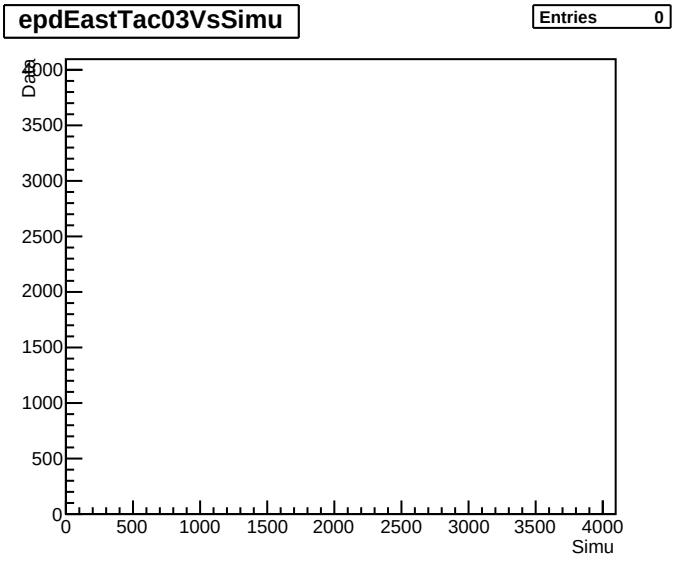
Entries 286481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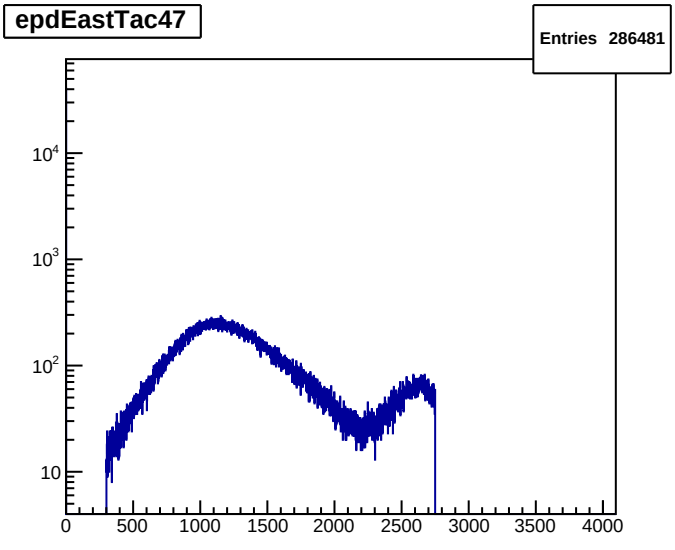
Entries 0
Data
Simu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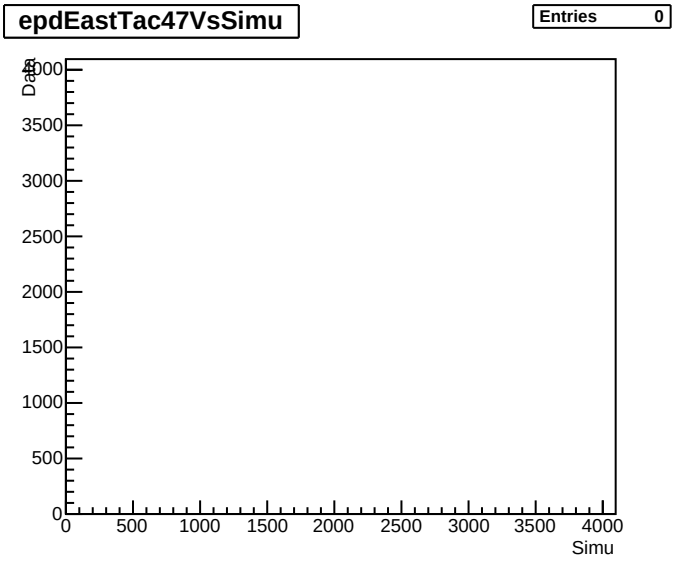
Entries 286481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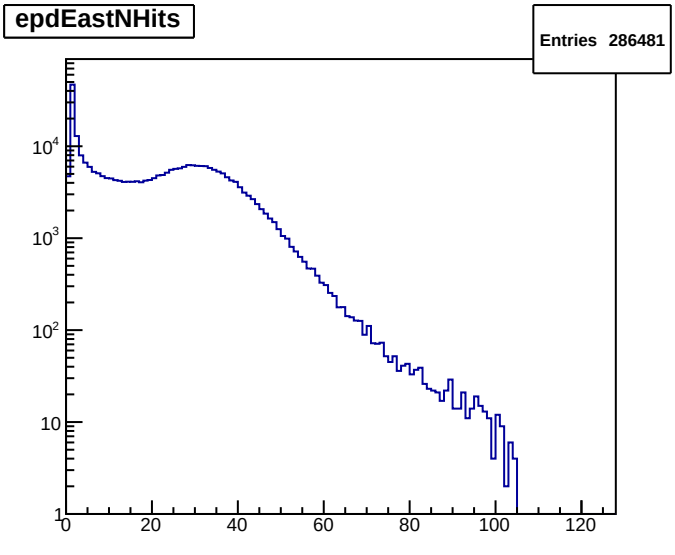
Entries 0
Data
Simu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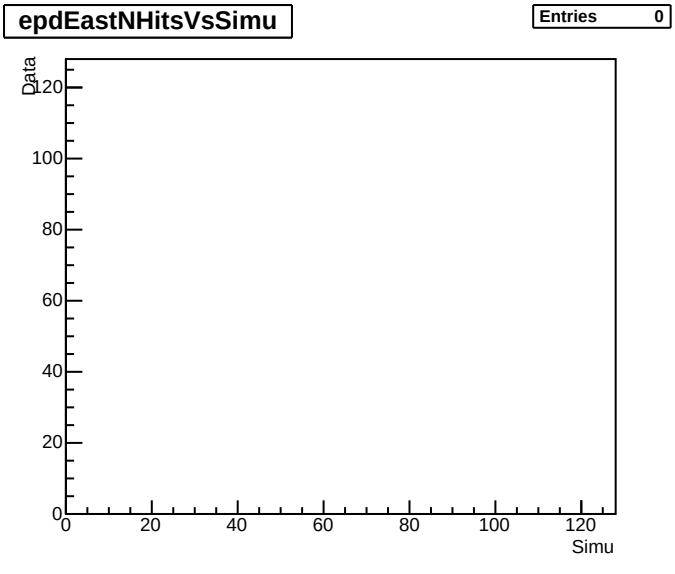
Entries 286481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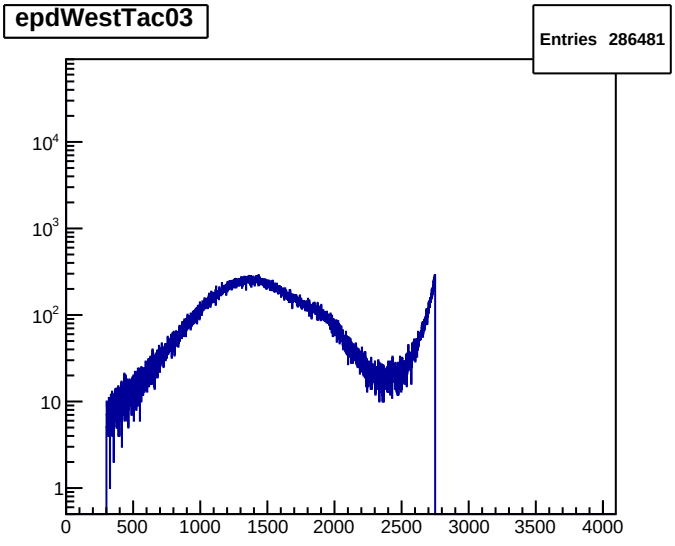
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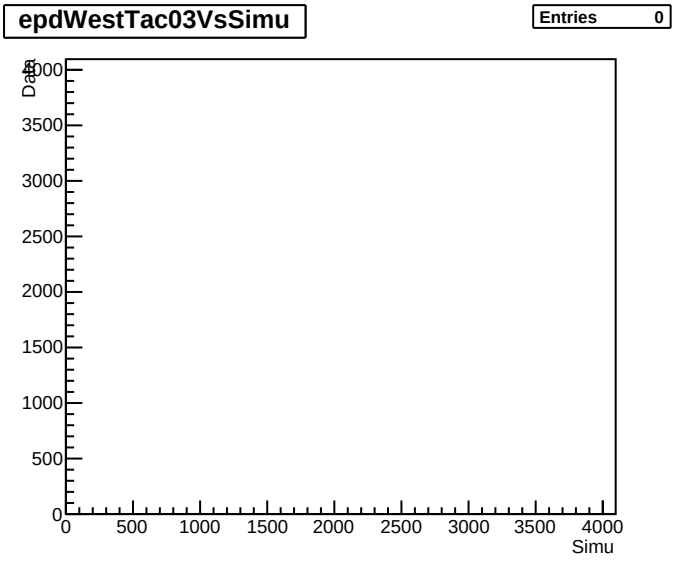
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Data
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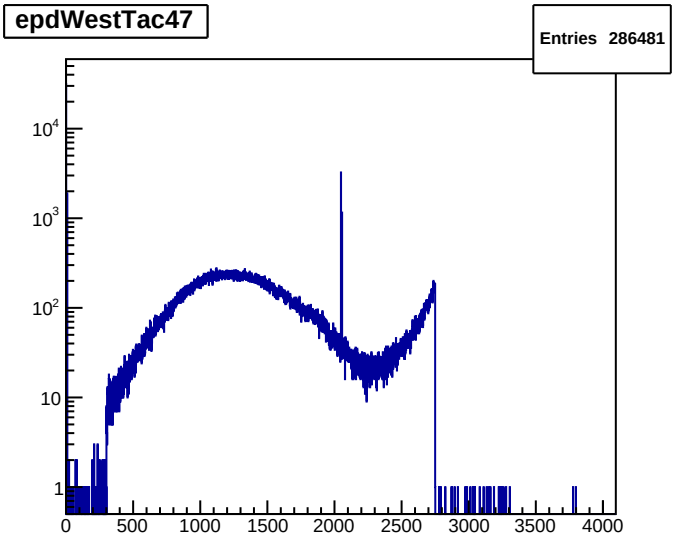
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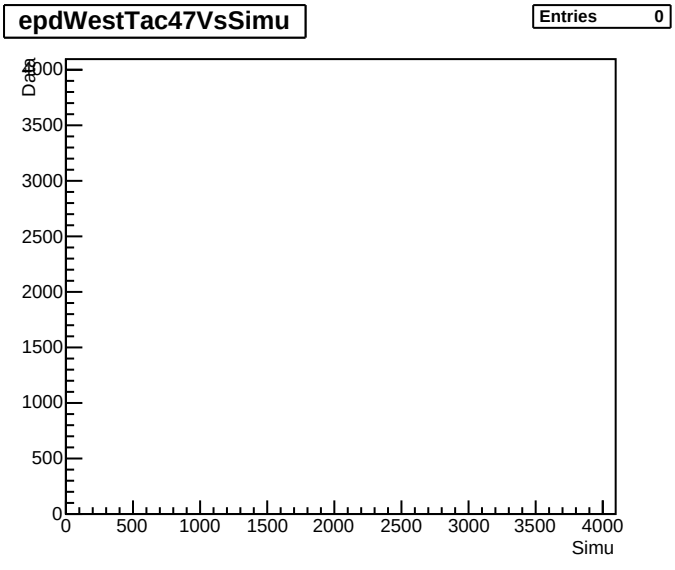
Entries 286481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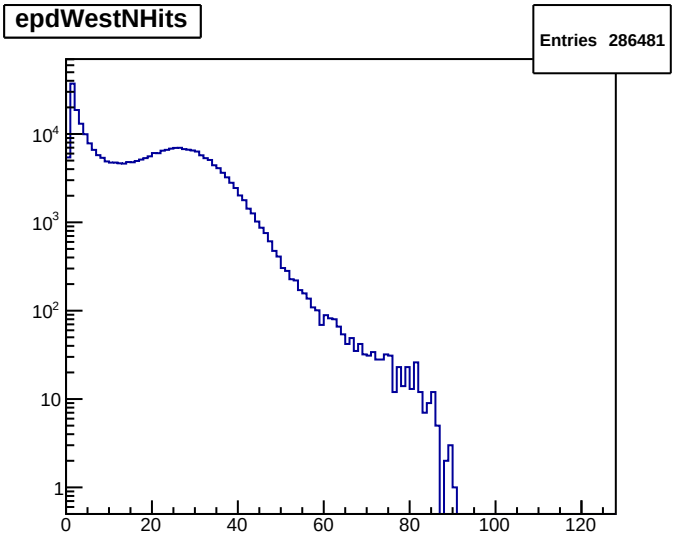
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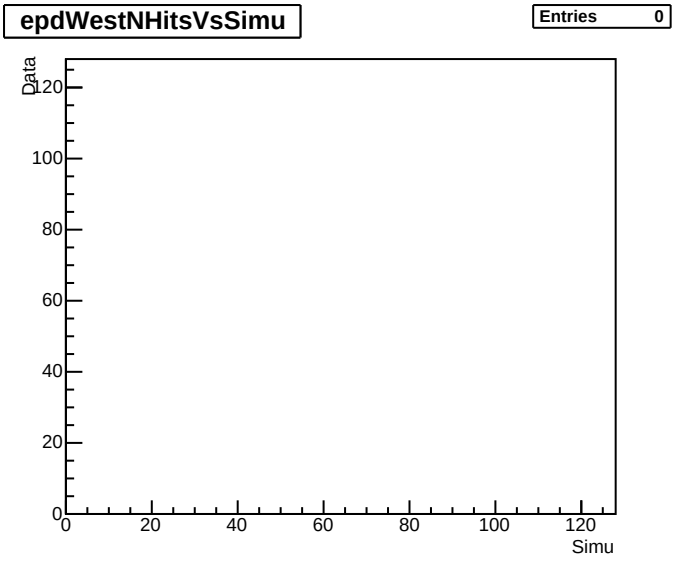
Entries 286481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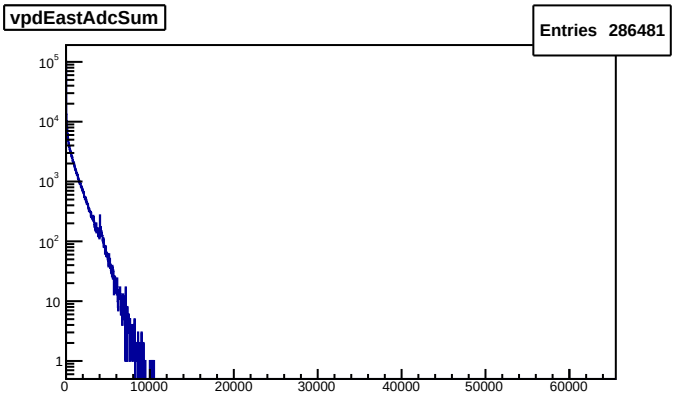
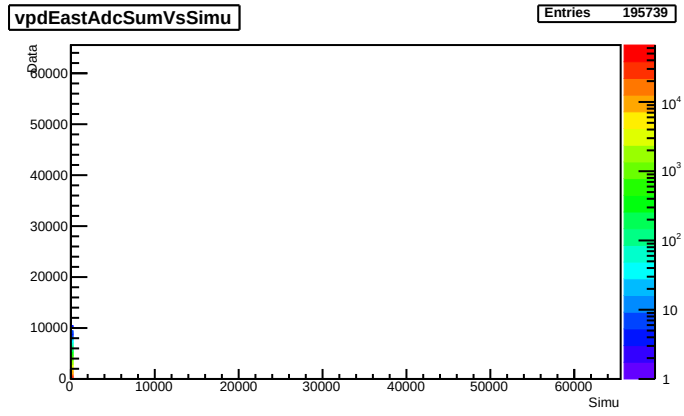
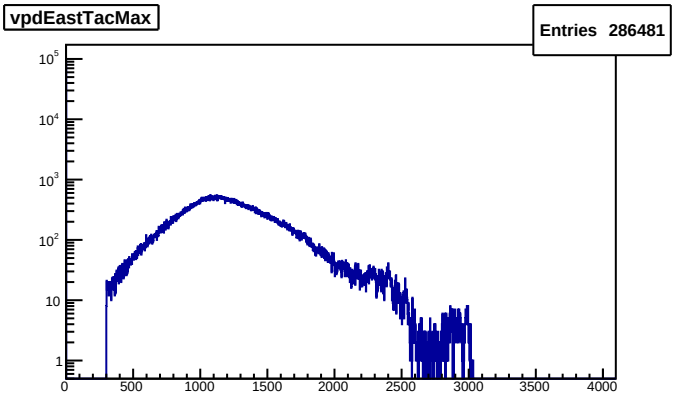
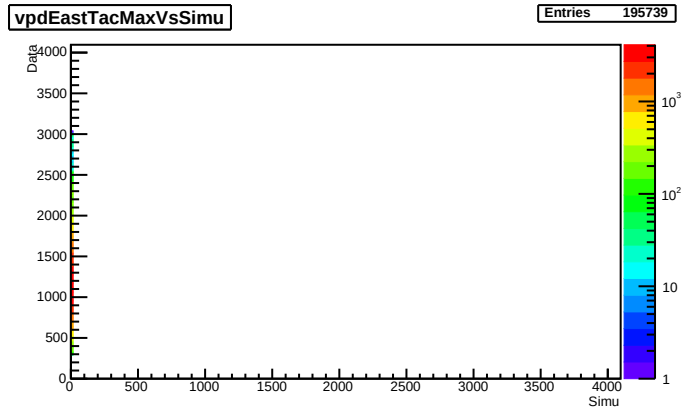
Entries 0
Data
Simu


vpdEastAdcSum
Entries 286481


vpdEastAdcSumVsSimu
Entries 195739
Data
Simu


vpdEastTacMax
Entries 286481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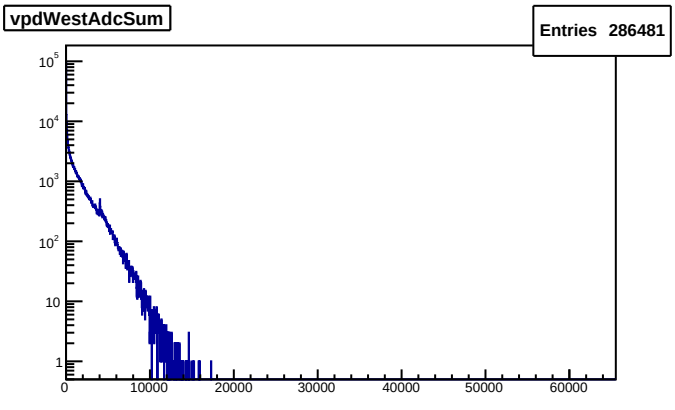
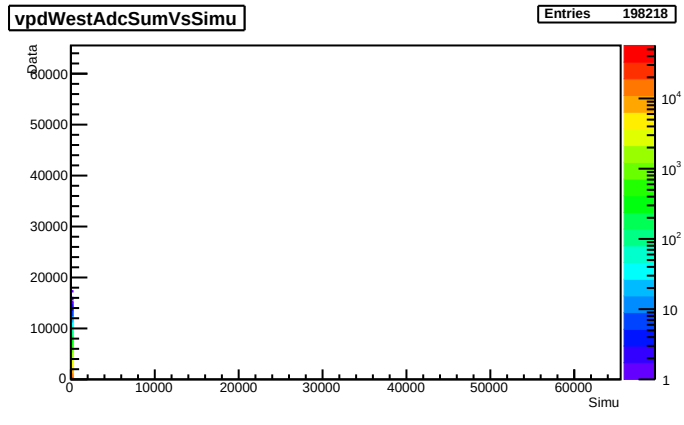
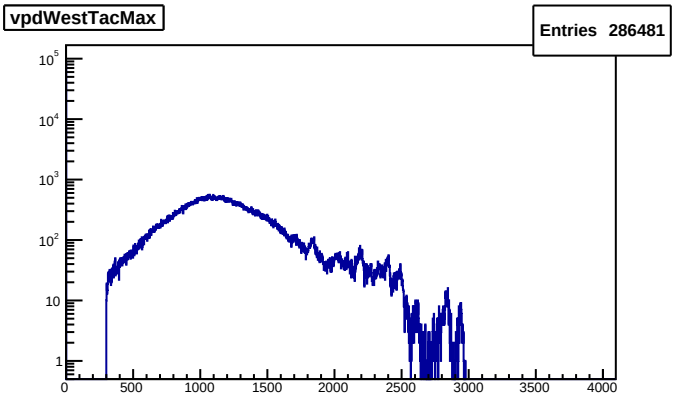
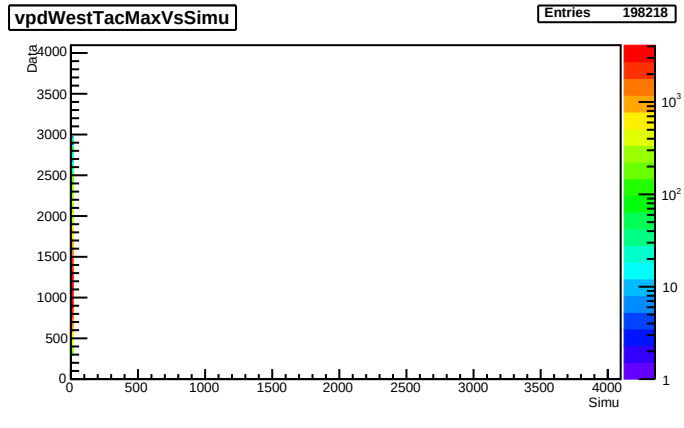
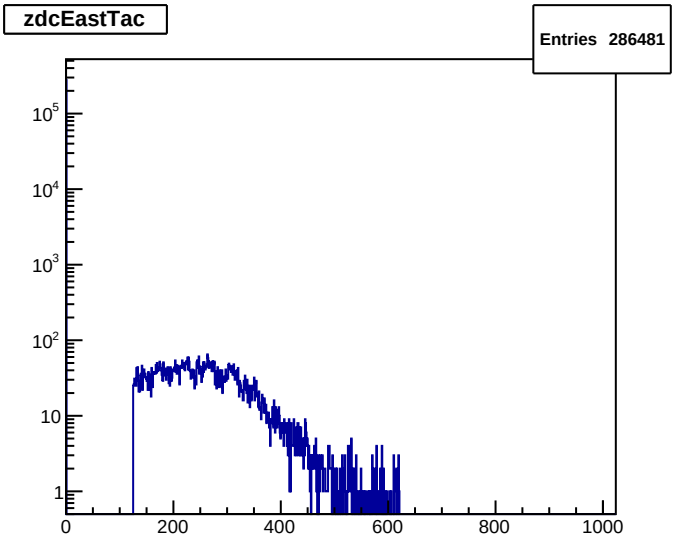
Entries 195739
Data
Simu

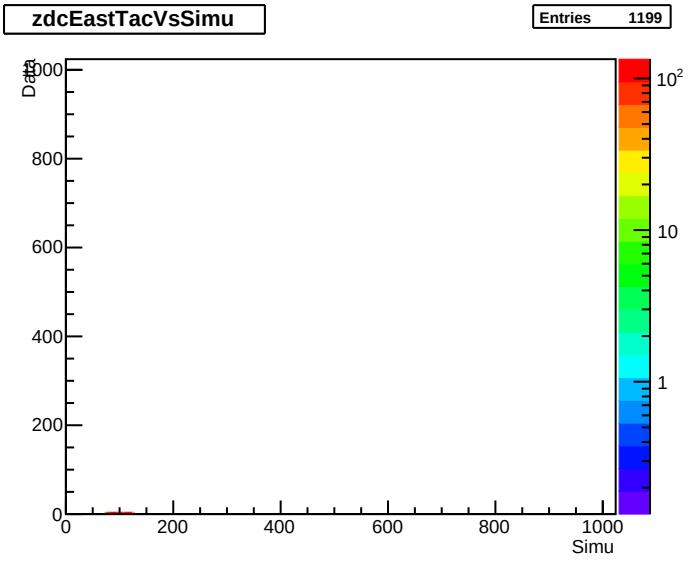

vpdWestAdcSum
Entries 286481

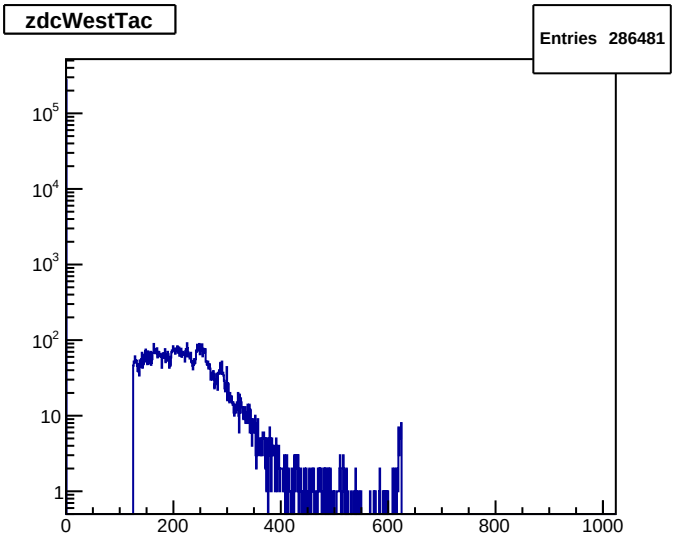

vpdWestAdcSumVsSimu
Entries 198218
Data
Simu

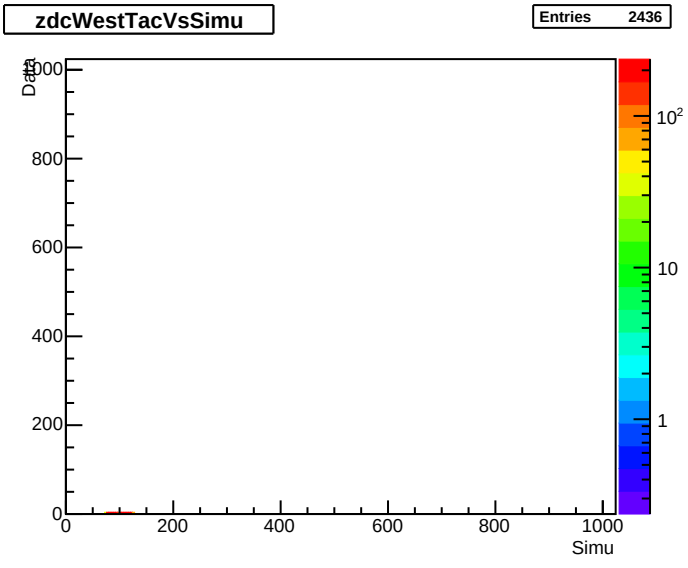

vpdWestTacMax
Entries 286481

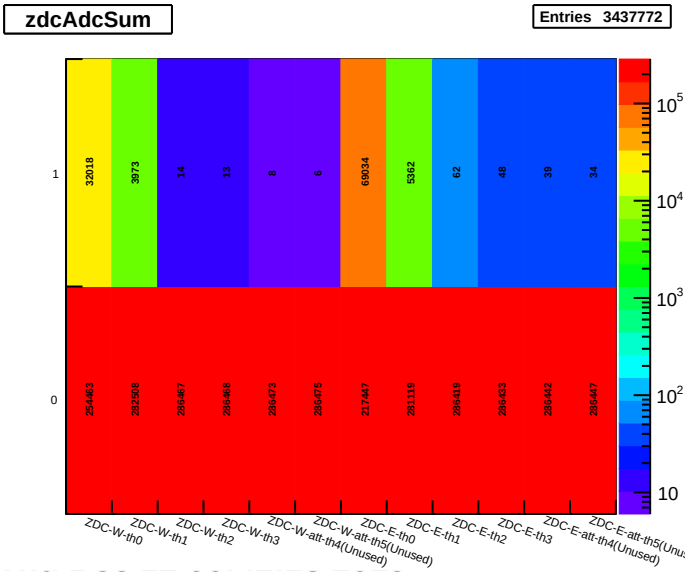

vpdWestTacMaxVsSimu
Entries 198218
Data
Simu

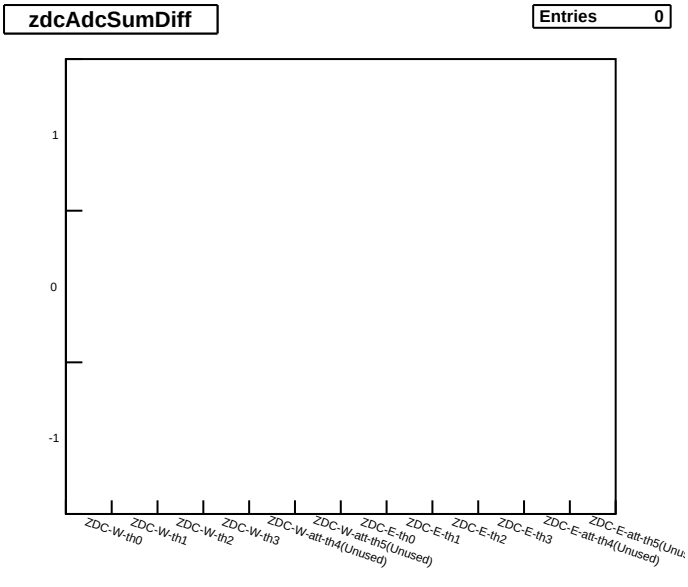

zdcEastTac
Entries 286481

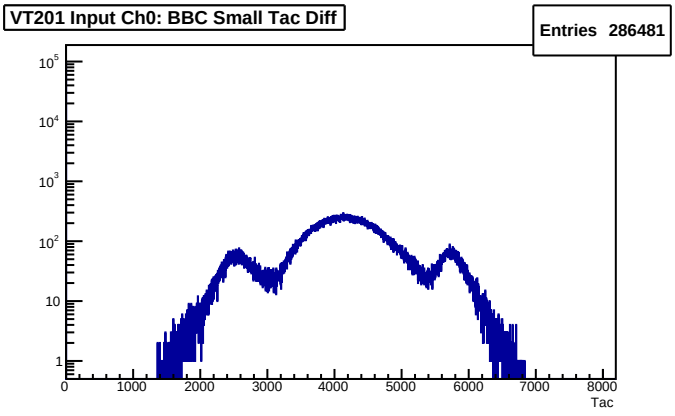

zdcEastTacVsSimu
Entries 1199
Data
Simu

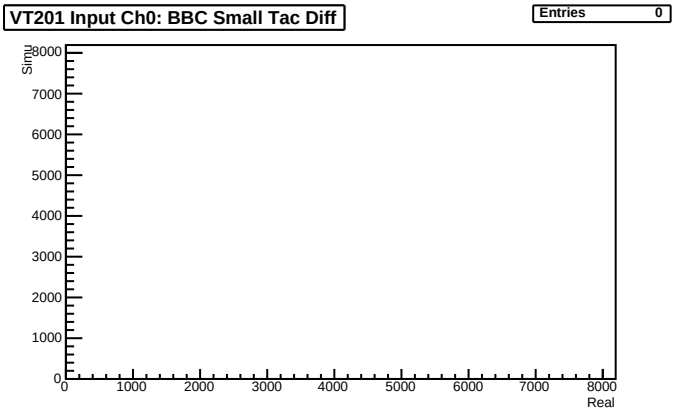

zdcWestTac
Entries 286481

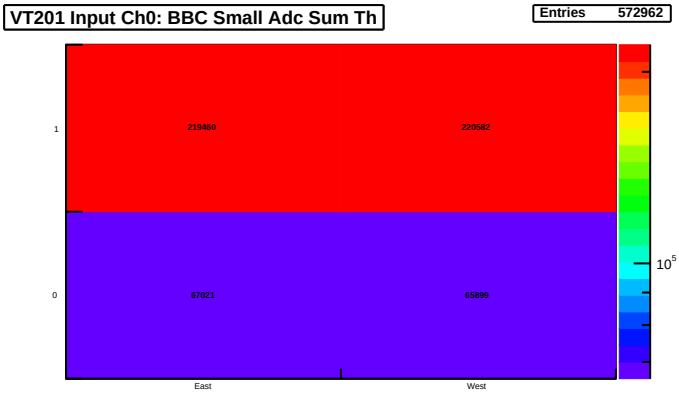

zdcWestTacVsSimu
Entries 2436
Data
Simu

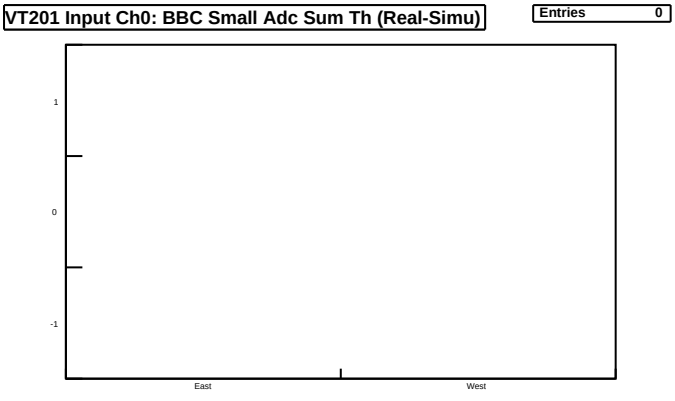

zdcAdcSum
Entries 3437772
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

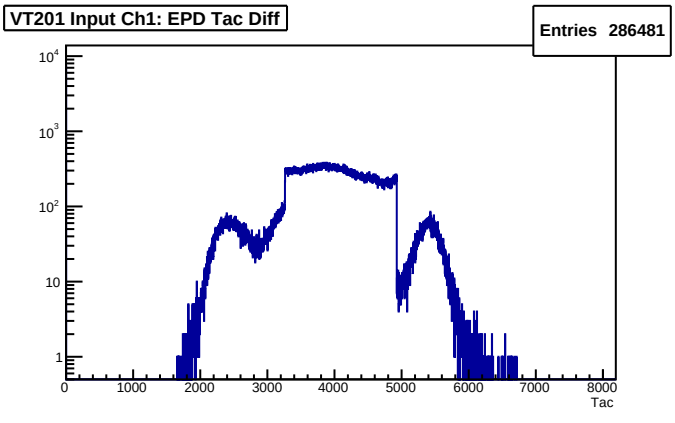

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

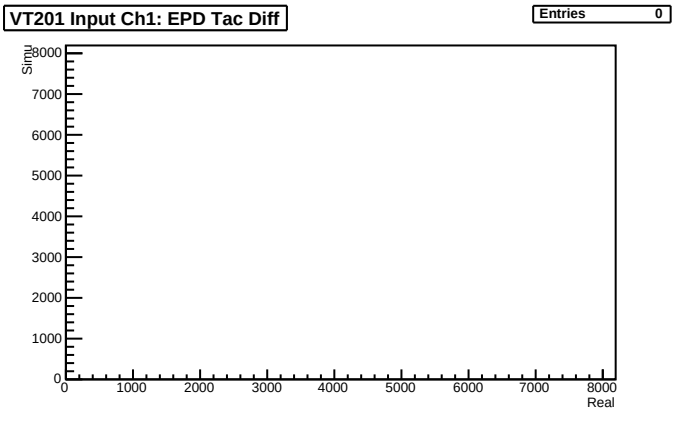

VT201 Input Ch0: BBC Small Tac Diff
Entries 286481
Tac

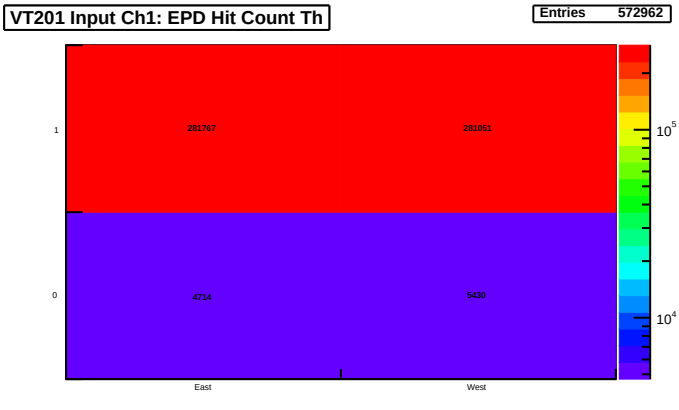

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

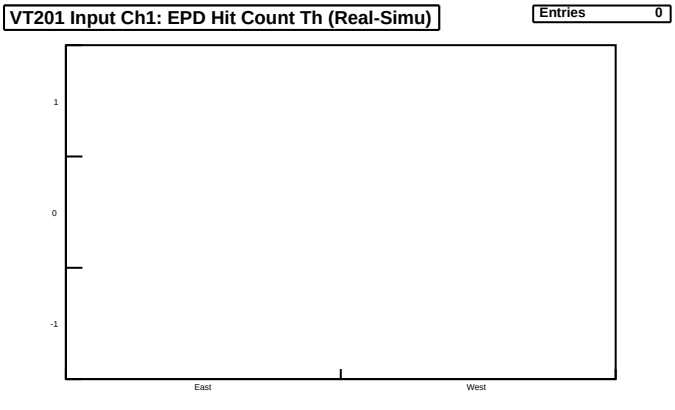

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 572962
219460
220582
67021
65899
East
West

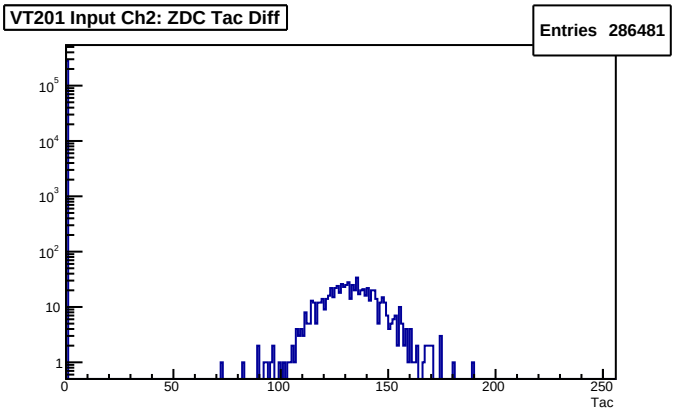

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

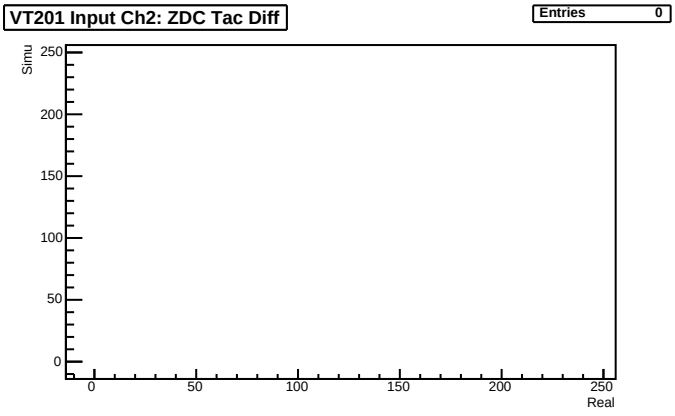

VT201 Input Ch1: EPD Tac Diff
Entries 286481
Tac

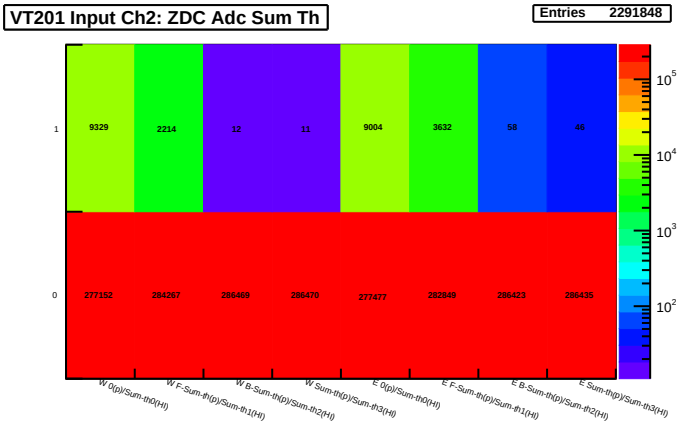

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

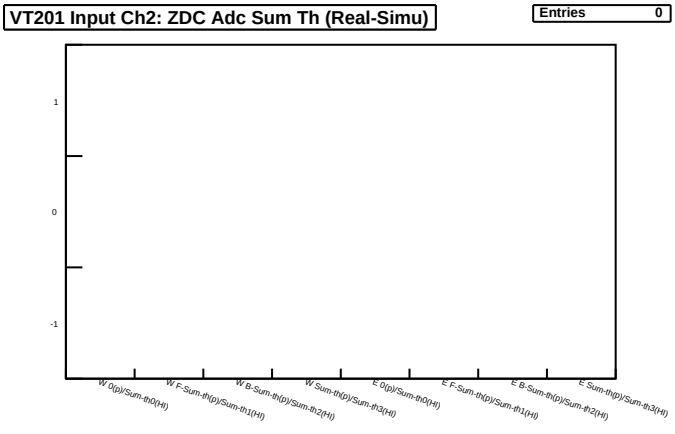

VT201 Input Ch1: EPD Hit Count Th
Entries 572962
281767
281051
4714
5430
East
West

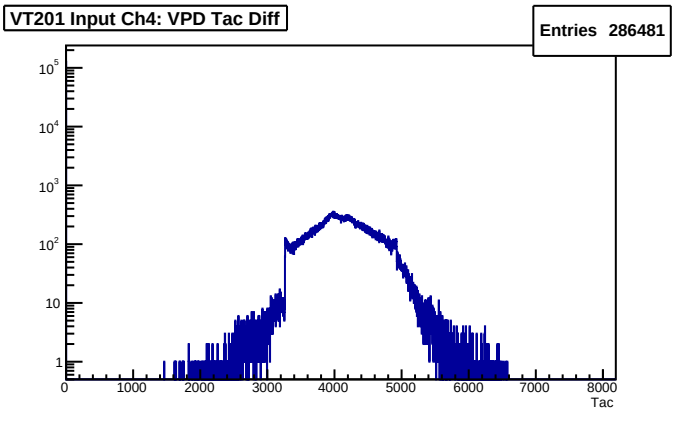

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

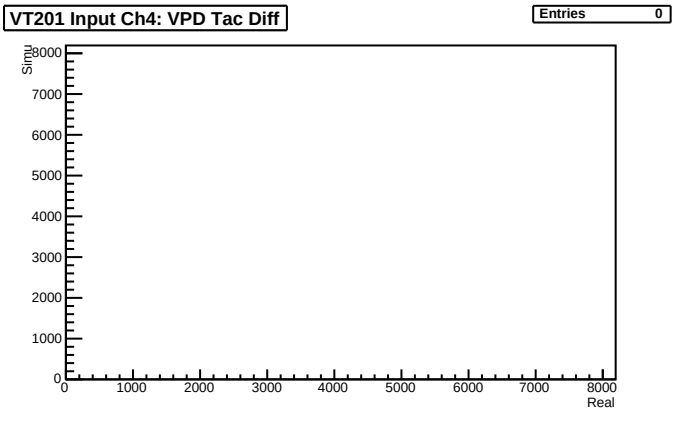

VT201 Input Ch2: ZDC Tac Diff
Entries 286481
Tac

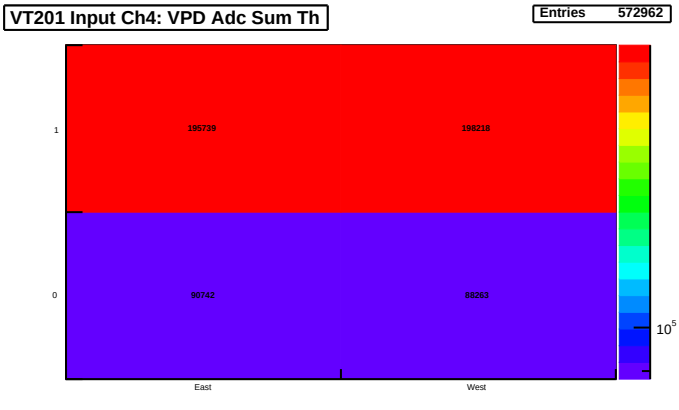

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

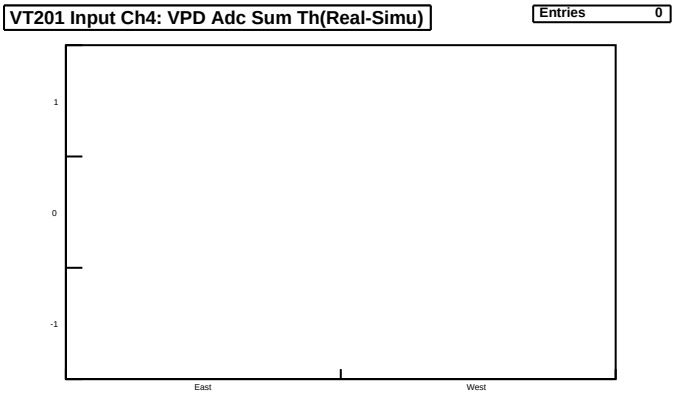

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2291848
9329
2214
12
11
9004
3632
58
46
277152
284267
286469
286470
277477
282849
286423
286435
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

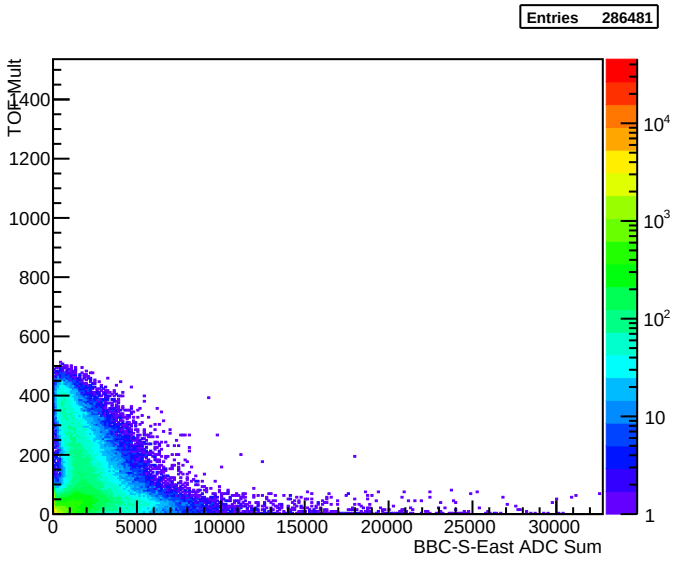

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

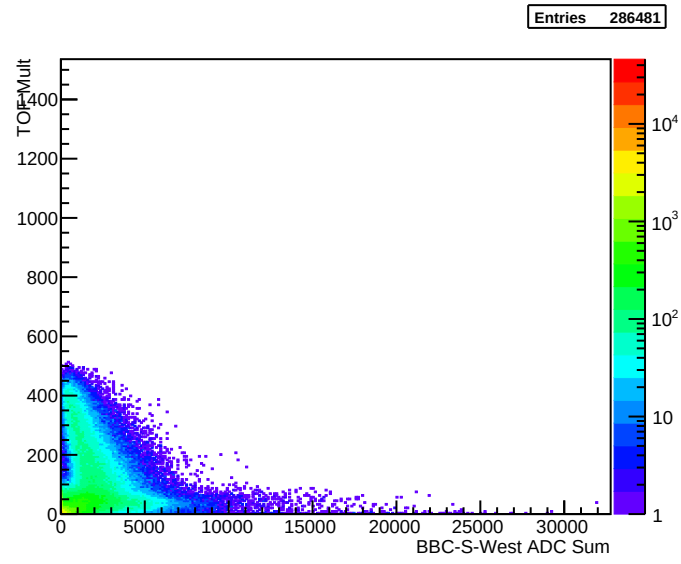

VT201 Input Ch4: VPD Tac Diff
Entries 286481
Tac

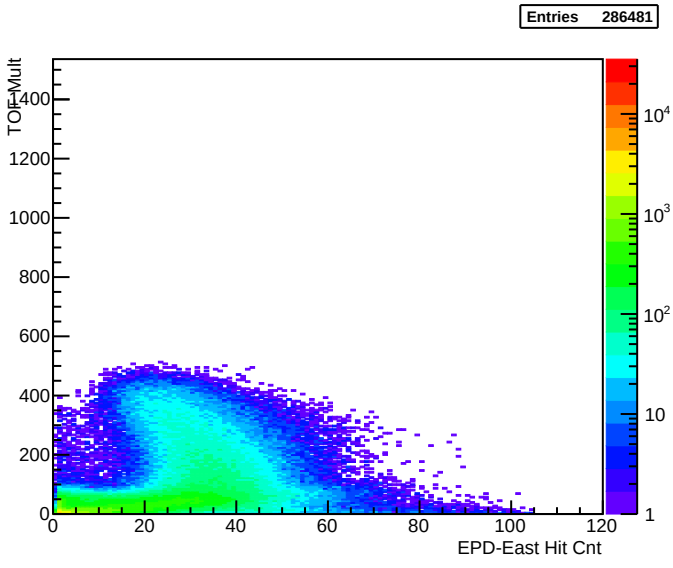

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

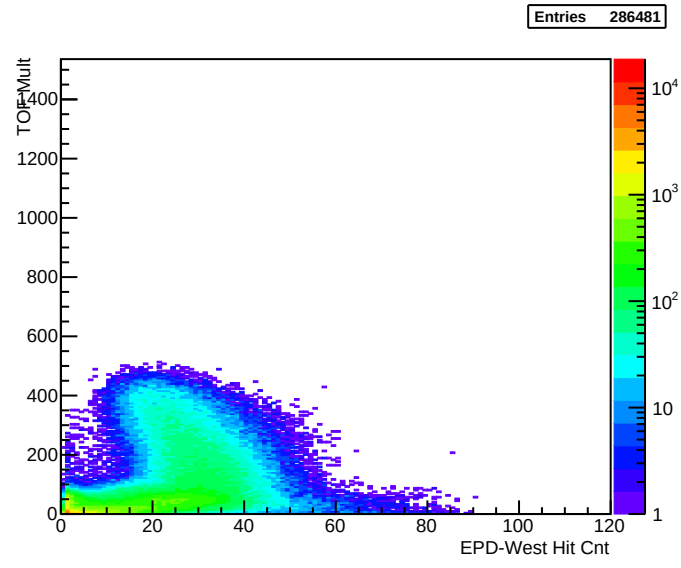

VT201 Input Ch4: VPD Adc Sum Th
Entries 572962
195739
198218
90742
88263
East
West

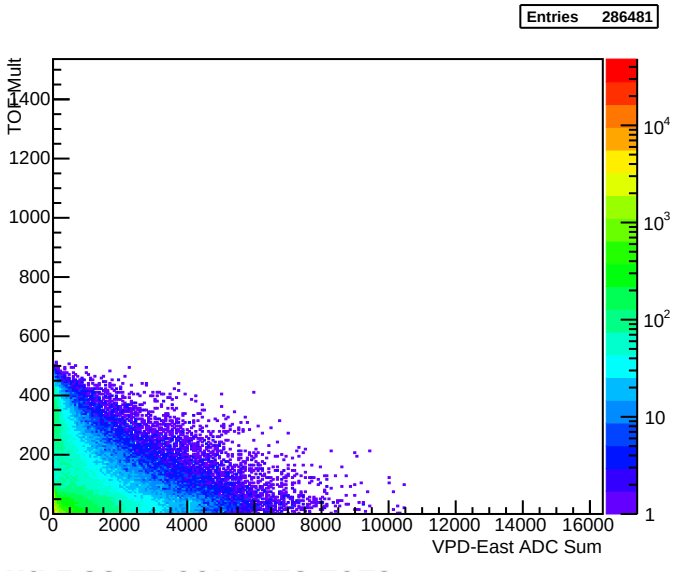

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

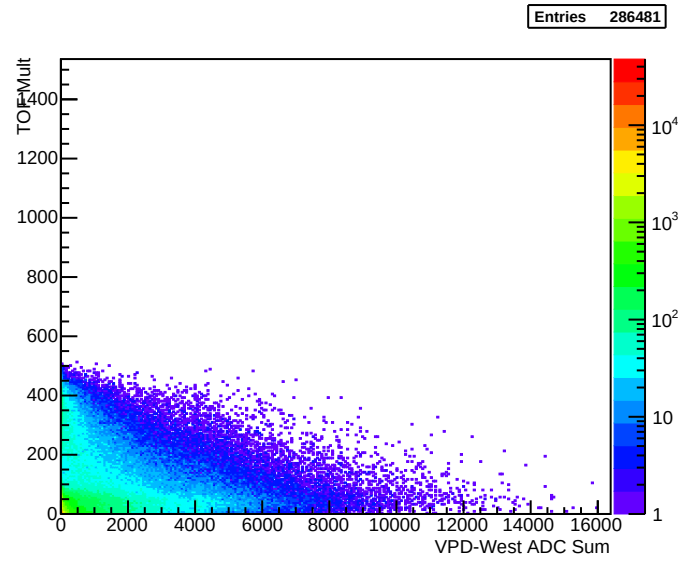

Entries 286481
TOF-Mult
BBC-S-East ADC Sum

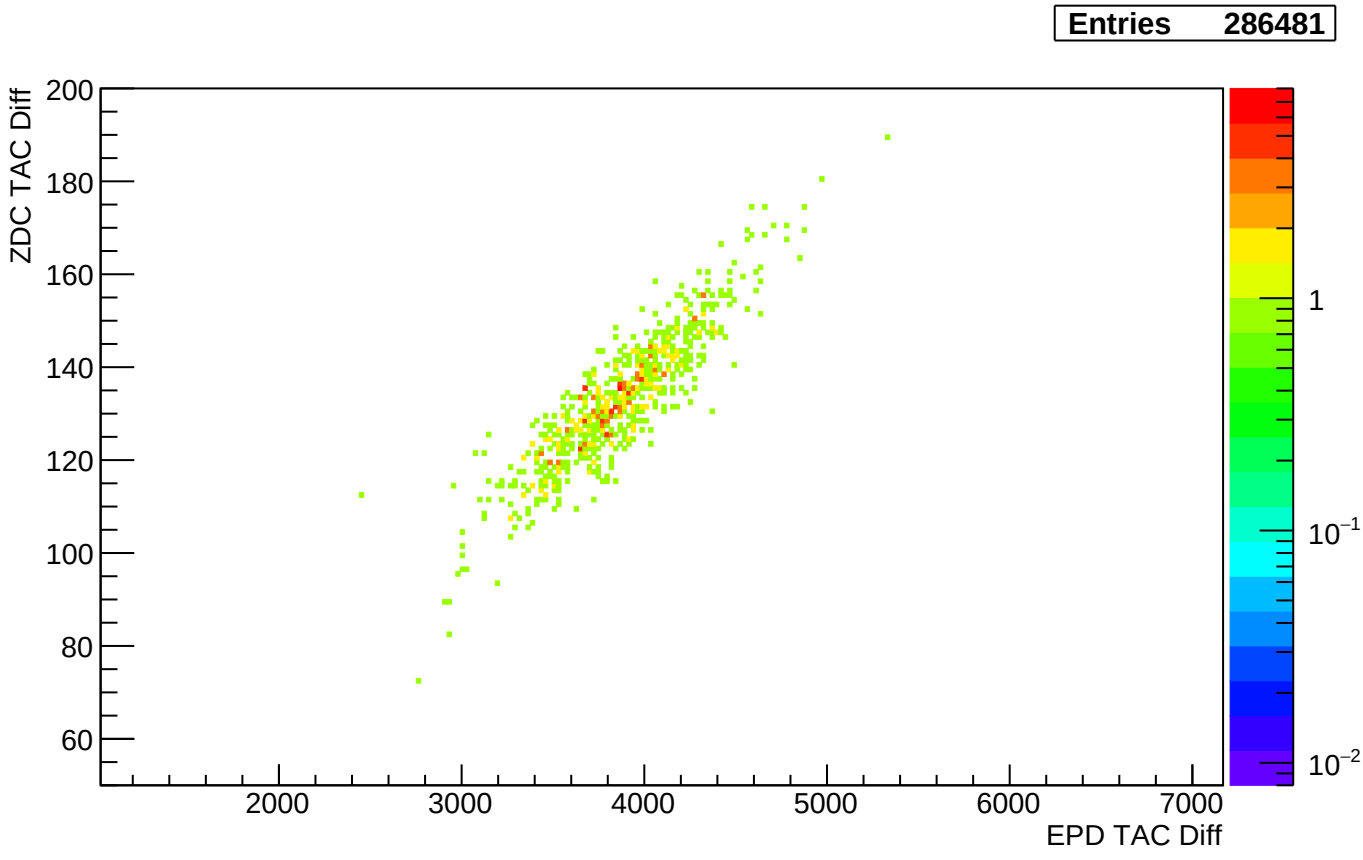

Entries 286481
TOF-Mult
BBC-S-West ADC Sum

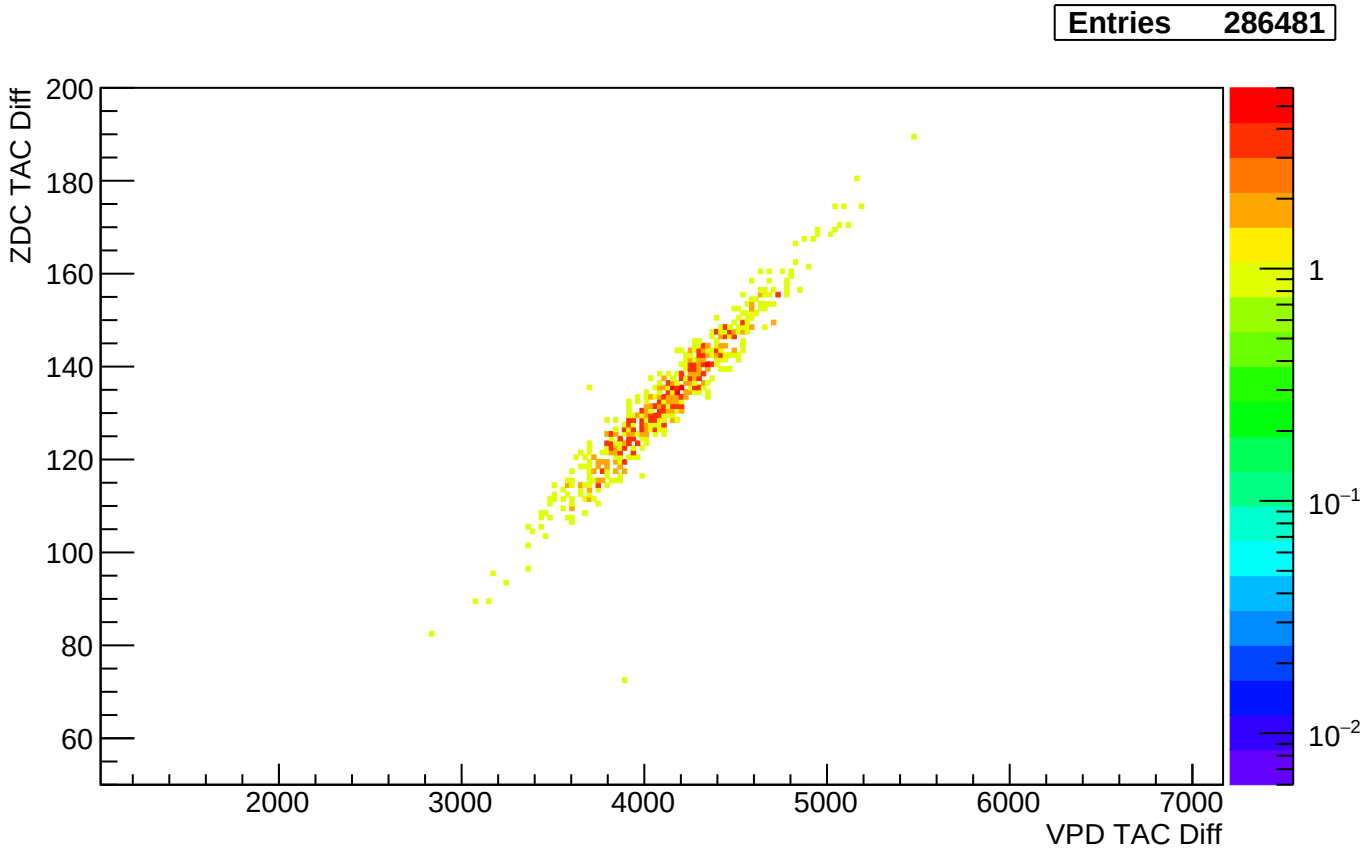

Entries 286481
TOF-Mult
EPD-East Hit Cnt

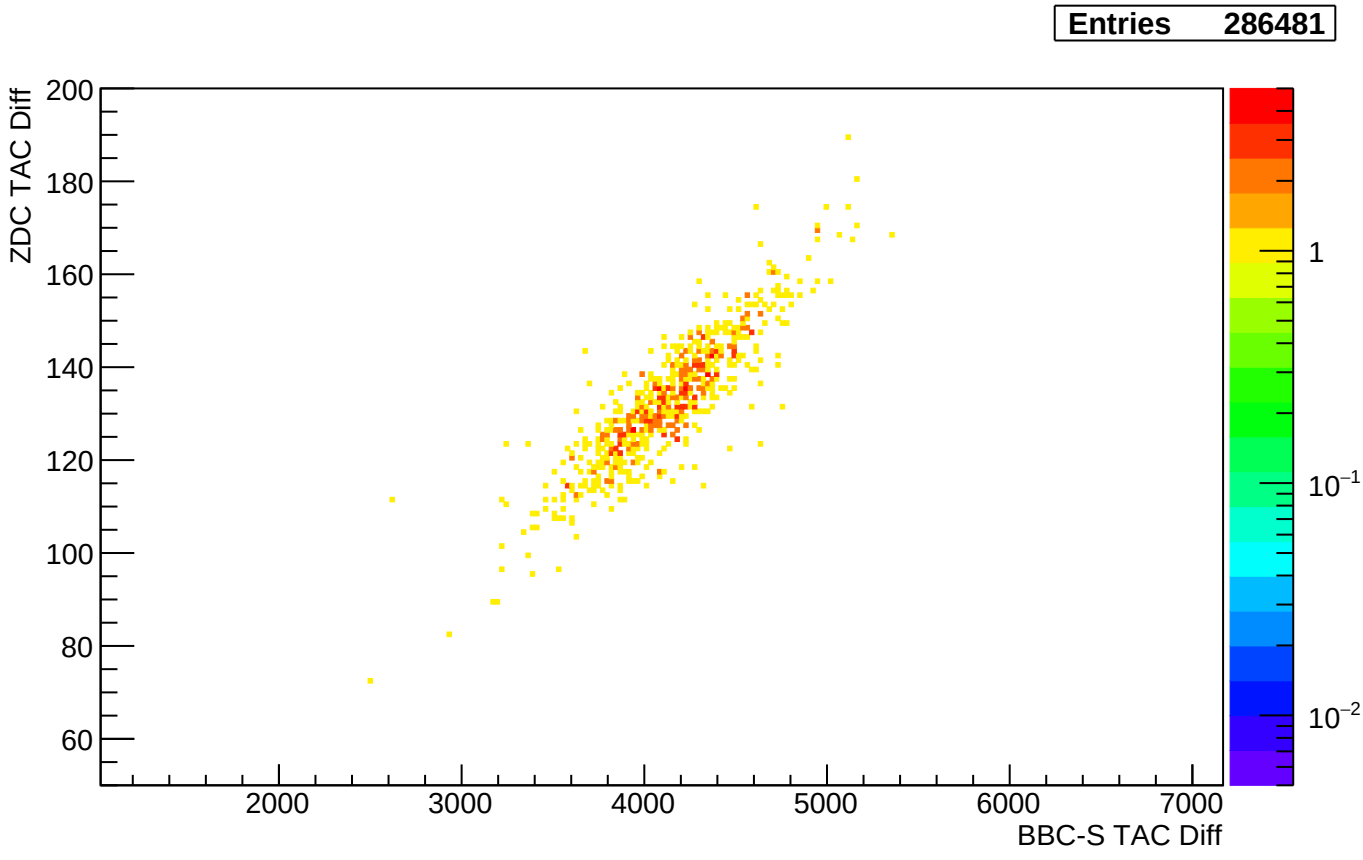

Entries 286481
TOF-Mult
EPD-West Hit Cnt

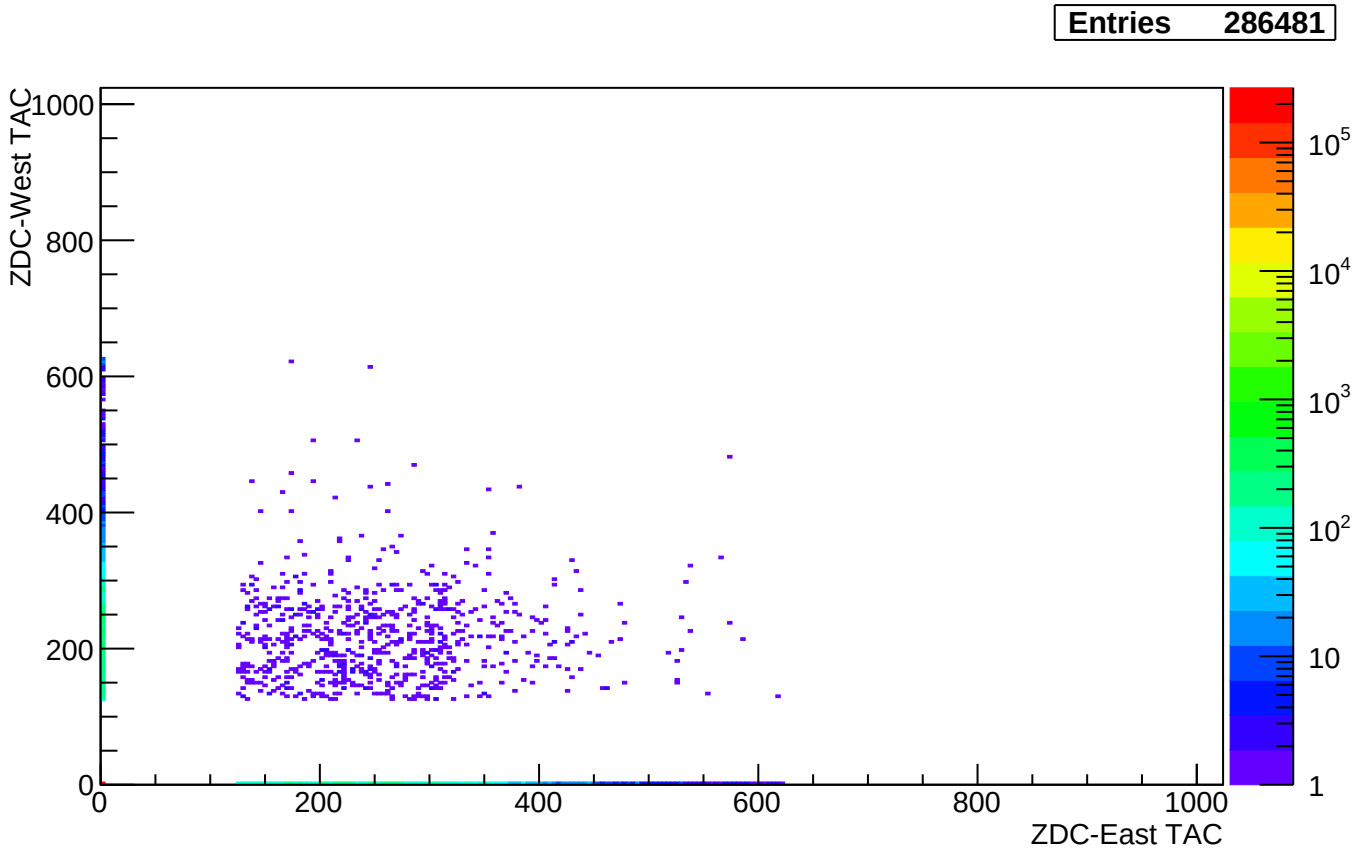

Entries 286481
TOF-Mult
VPD-East ADC Sum

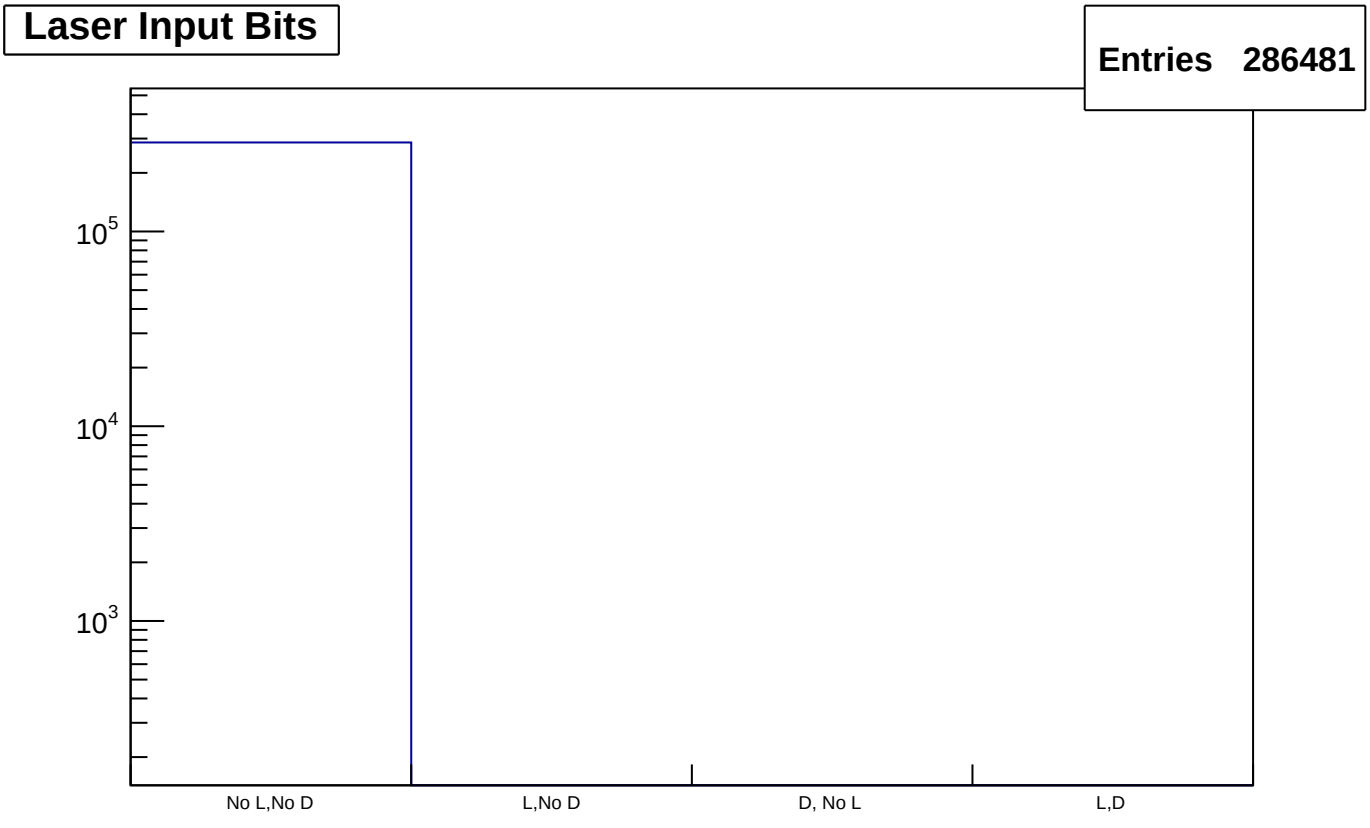

Entries 286481
TOF-Mult
VPD-West ADC Sum

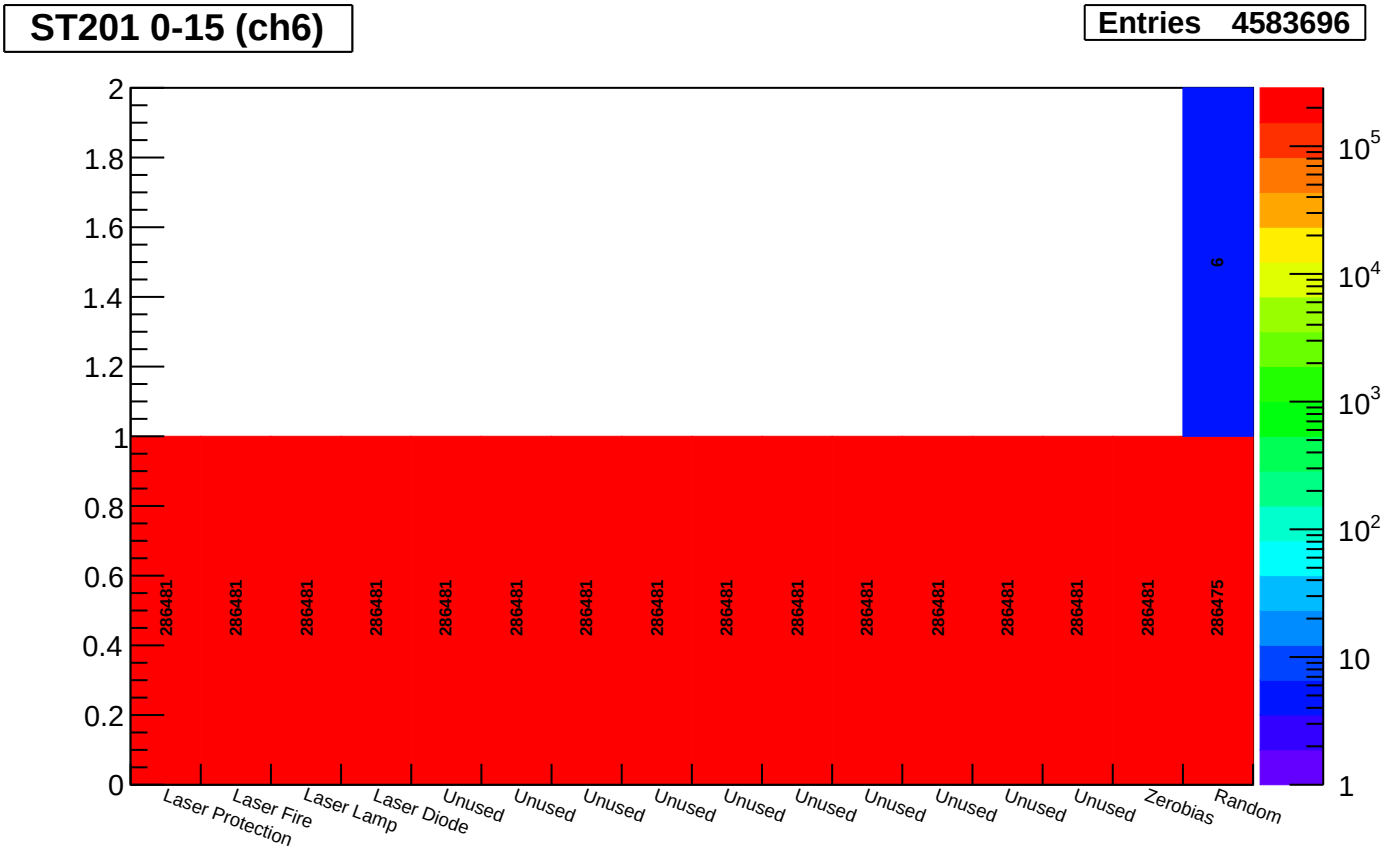

Entries 286481
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

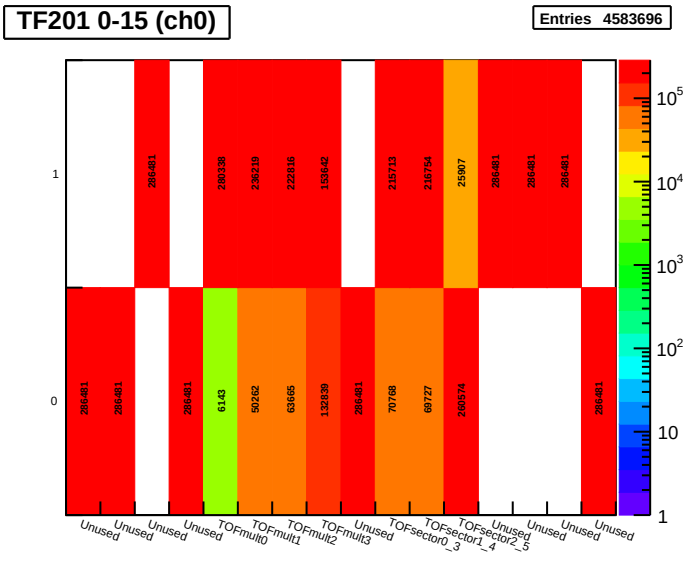

Entries 286481
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

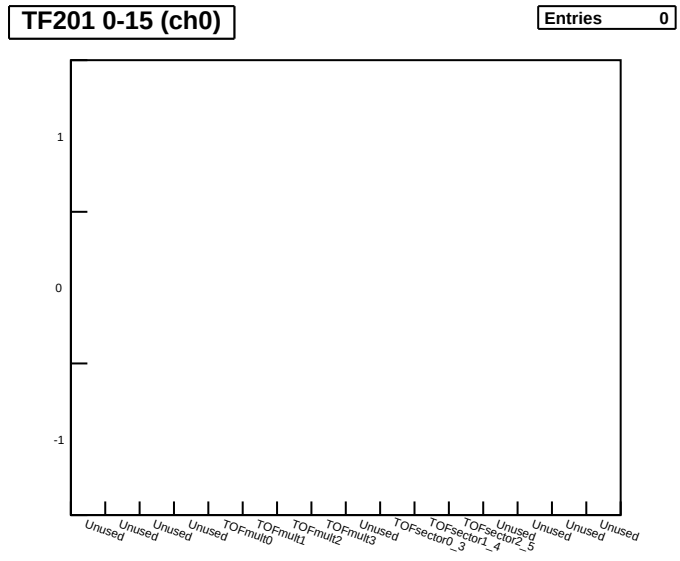

Entries 286481
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

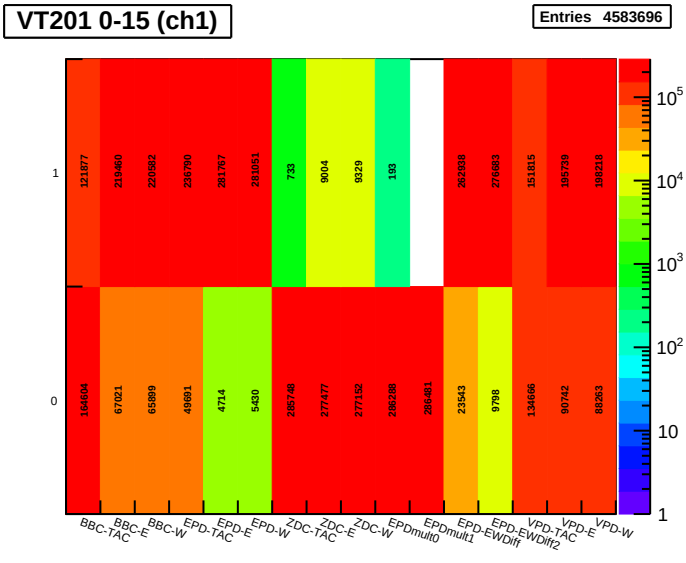

Entries 286481
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

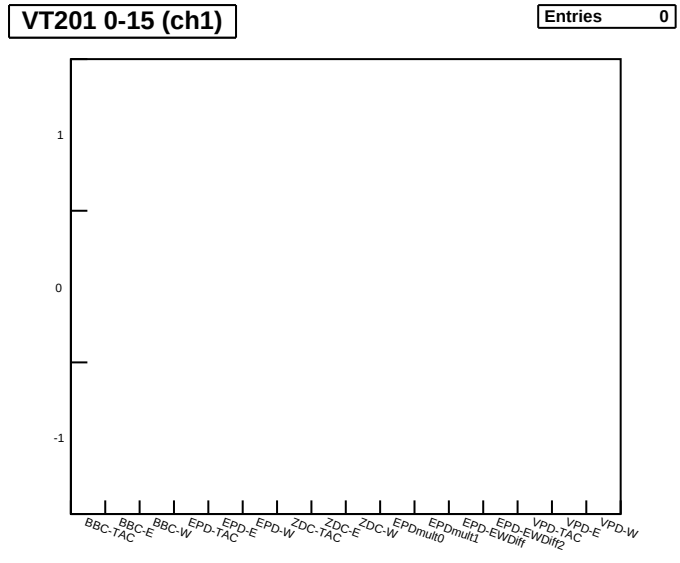

Laser Input Bits
Entries 286481
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

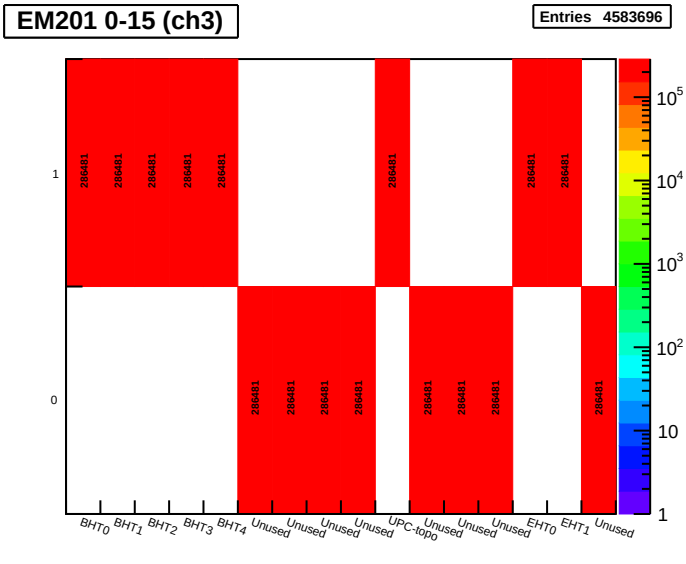

ST201 0-15 (ch6)
Entries 4583696
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
286481
286481
286481
286481
286481
286481
286481
286481
286481
286481
286481
286481
286481
286481
286481
286475
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

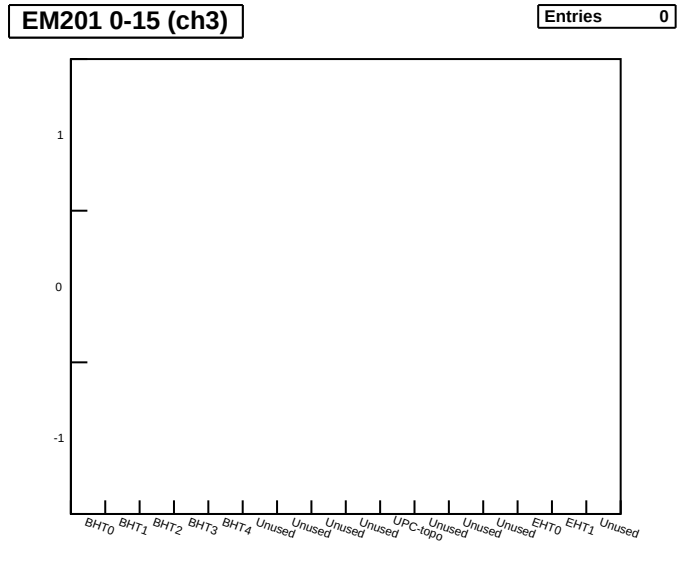

TF201 0-15 (ch0)
Entries 4583696
1
0
286481 286481 286481 286481 280338 236219 222816 153642 215713 216754 25907 286481 286481 286481
286481 286481 286481 6143 50262 63665 132839 286481 70768 69727 260574 286481
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 4583696
1
0
121877 219460 220582 236790 281767 281051 733 9004 9329 193 262958 276683 151815 195739 198218
164604 67021 65899 49691 4714 5430 285748 277477 277152 286288 286481 23543 9798 134666 90742 88263
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 4583696
1
0
286481 286481 286481 286481 286481 286481 286481 286481 286481
286481 286481 286481 286481 286481 286481 286481 286481
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