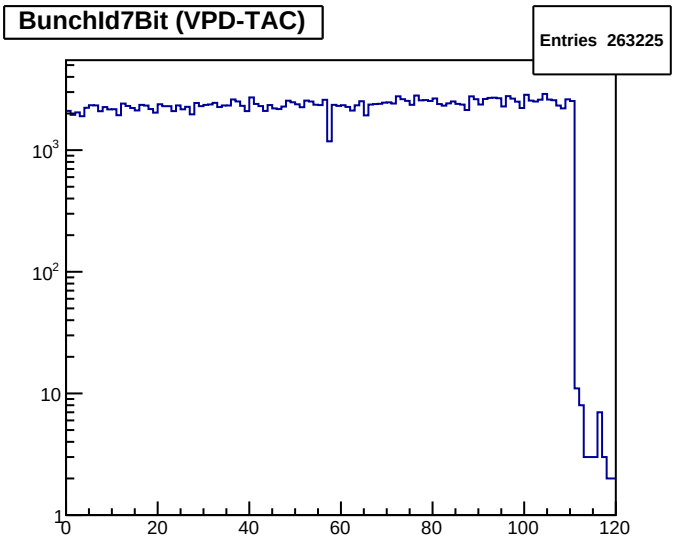
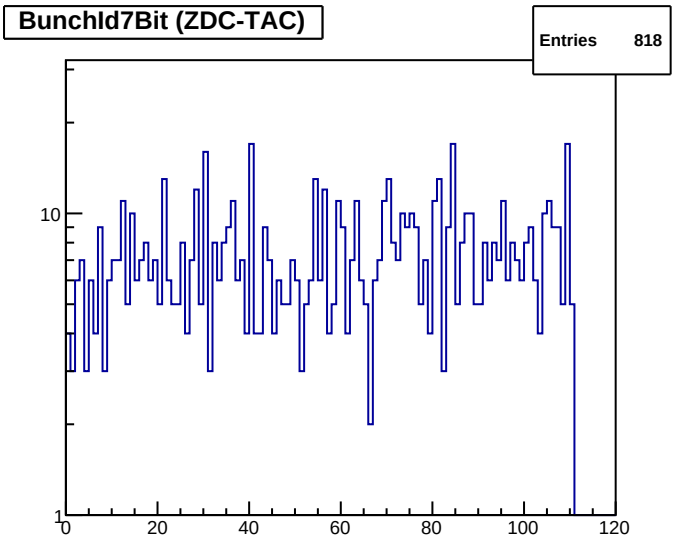
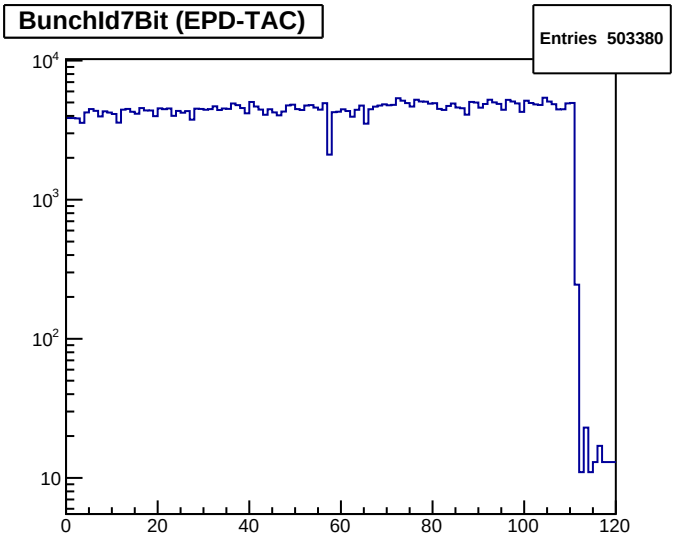
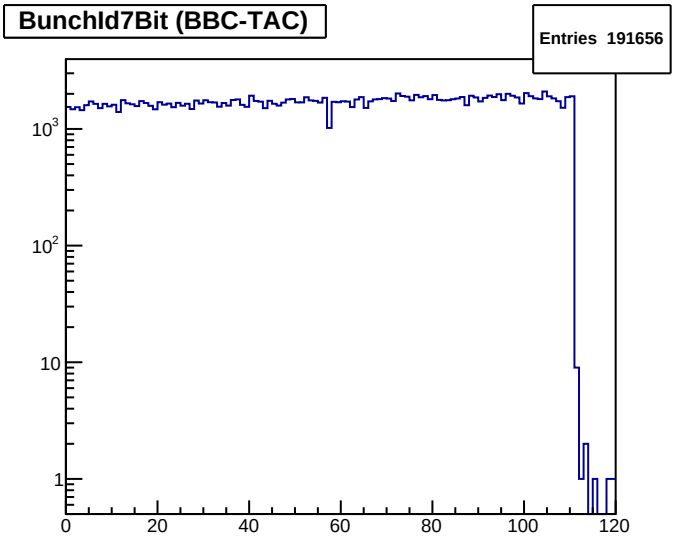
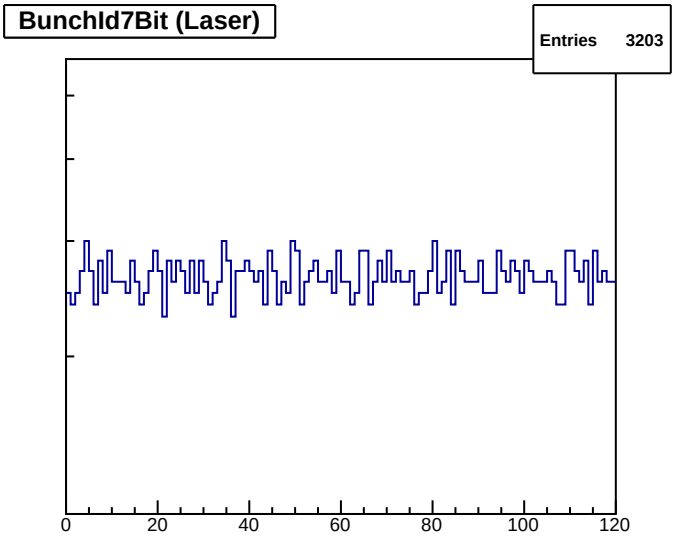
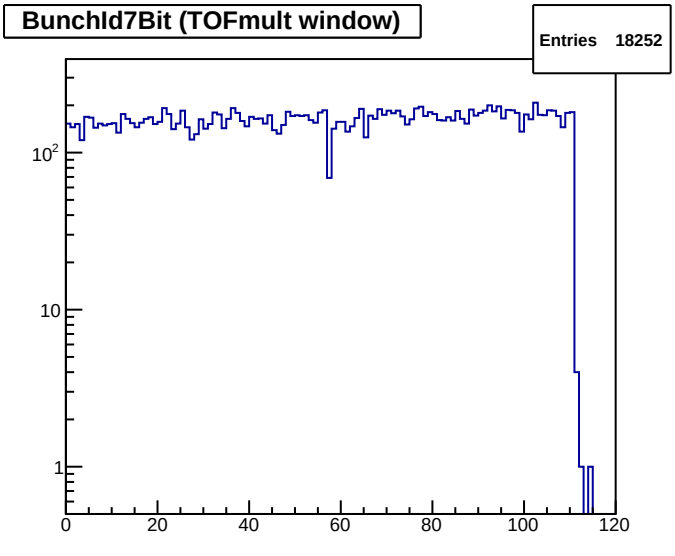

BunchId7Bit (VPD-TAC)
Entries 263225

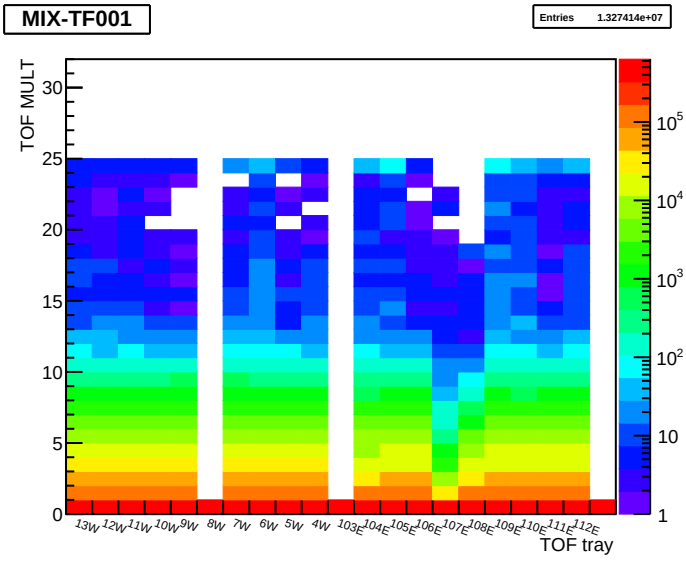

BunchId7Bit (ZDC-TAC)
Entries 818

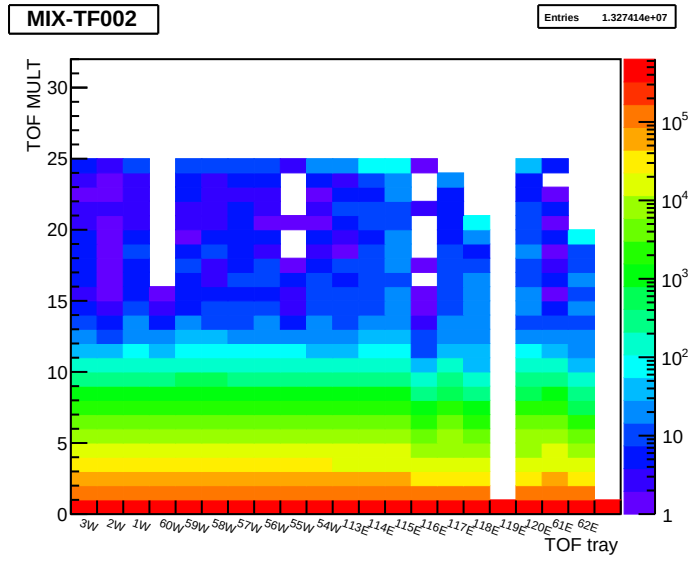

BunchId7Bit (EPD-TAC)
Entries 503380

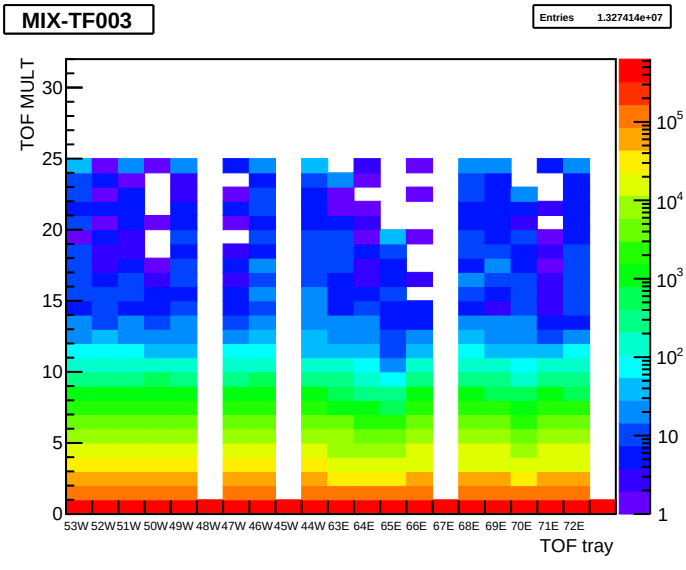

BunchId7Bit (BBC-TAC)
Entries 191656

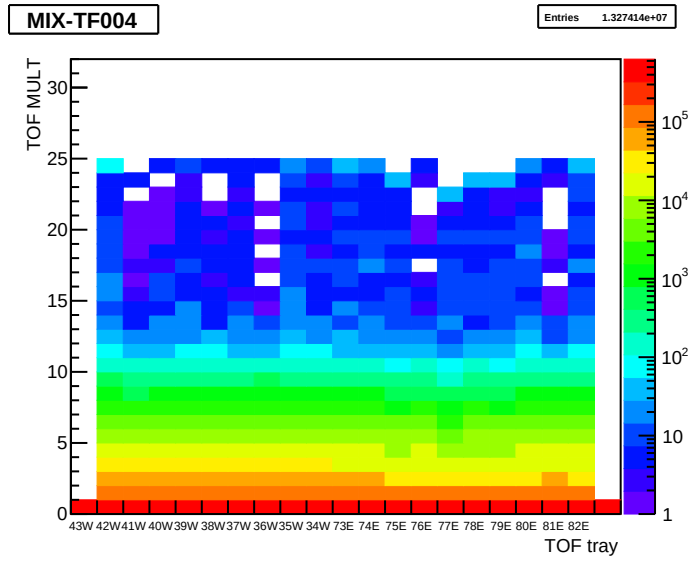

BunchId7Bit (Laser)
Entries 3203

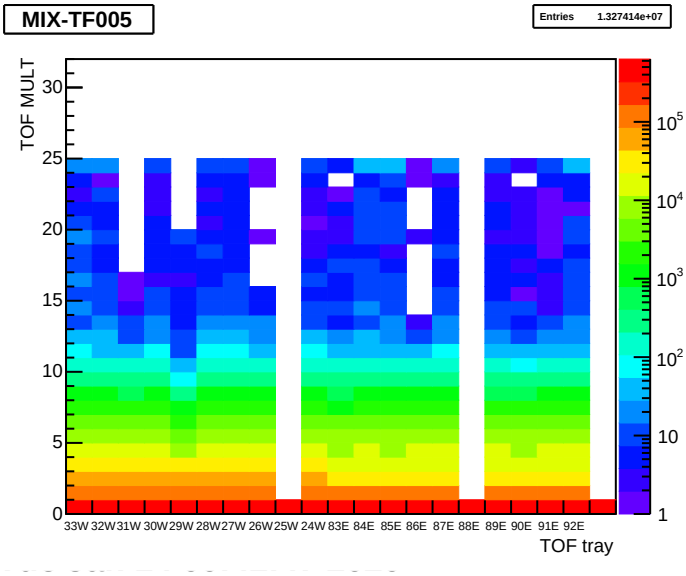

BunchId7Bit (TOFmult window)
Entries 18252

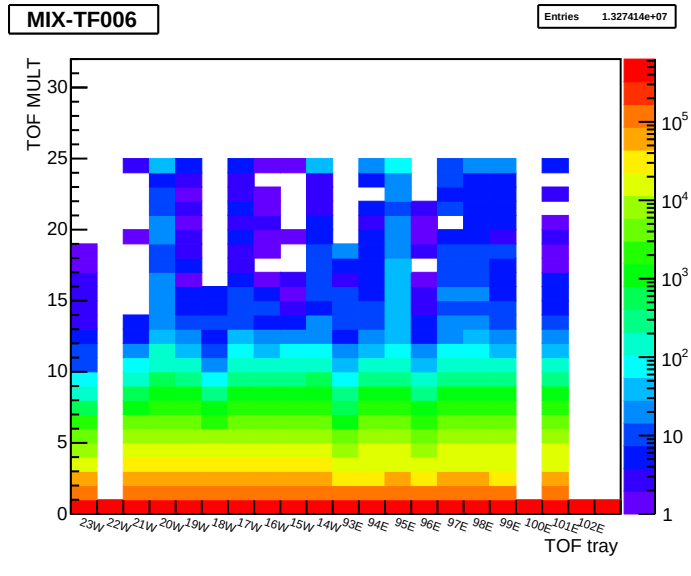

MIX-TF001
Entries 1.327414e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

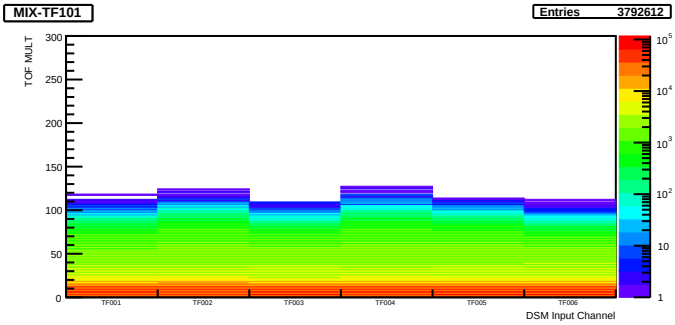

MIX-TF002
Entries 1.327414e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

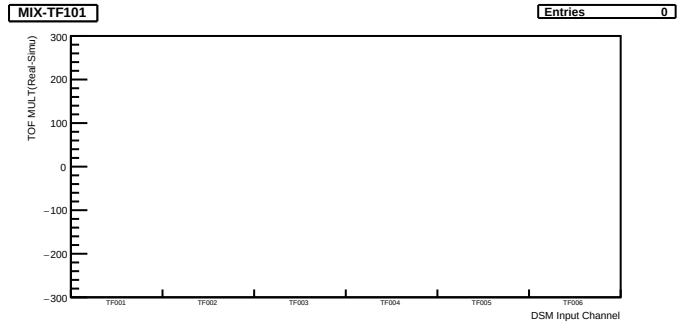

MIX-TF003
Entries 1.327414e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

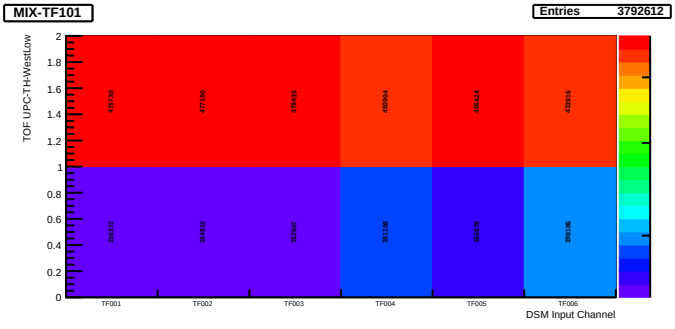

MIX-TF004
Entries 1.327414e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

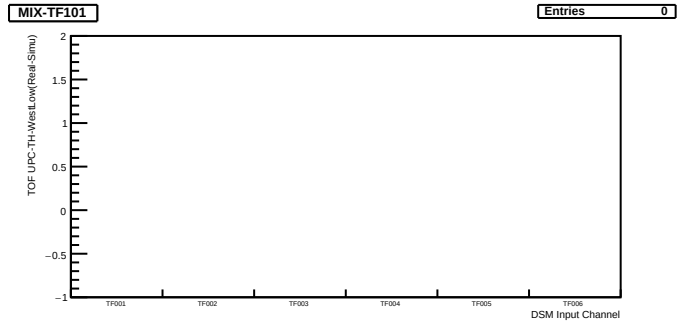

MIX-TF005
Entries 1.327414e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

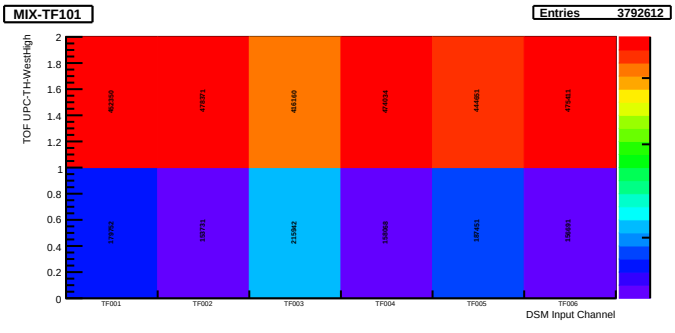

MIX-TF006
Entries 1.327414e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

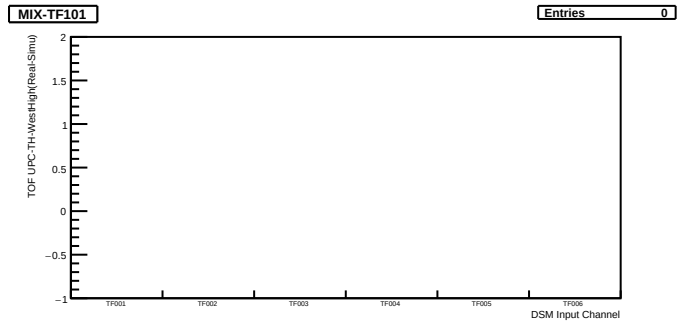

MIX-TF101
Entries 3792612
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

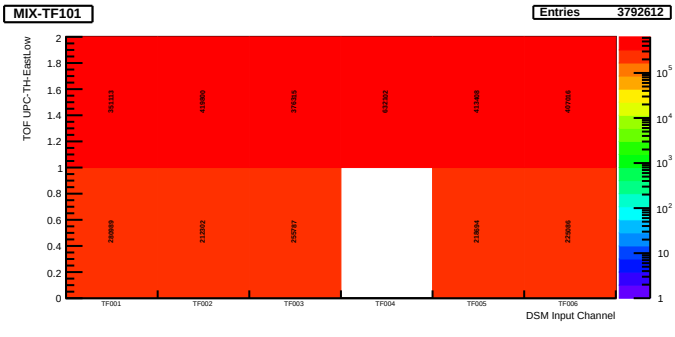

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

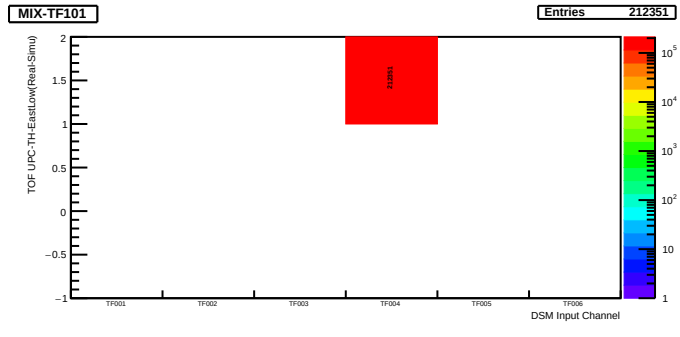

MIX-TF101
Entries 3792612
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

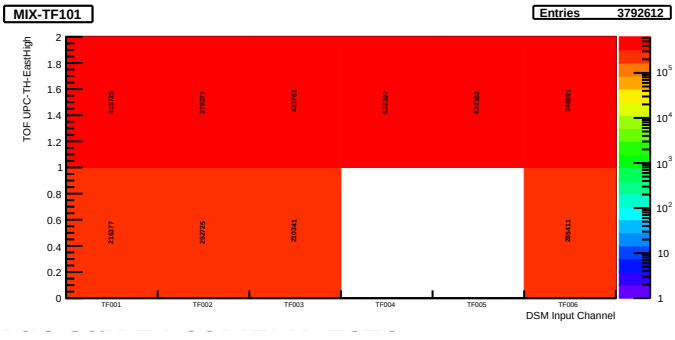

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

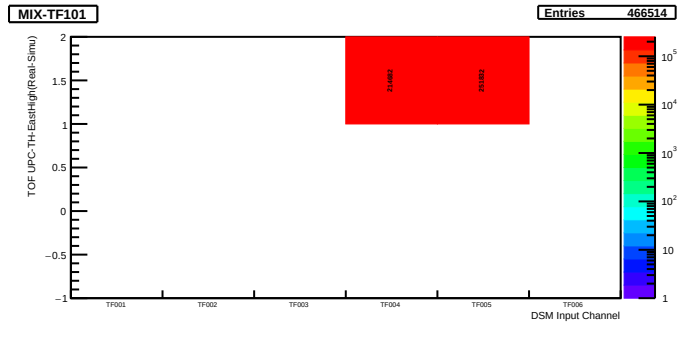

MIX-TF101
Entries 3792612
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

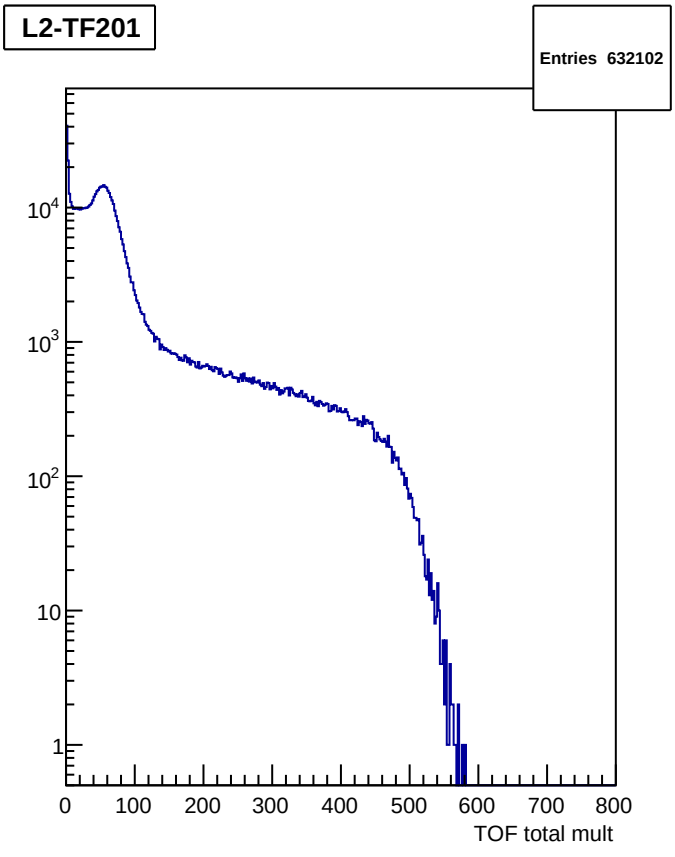

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

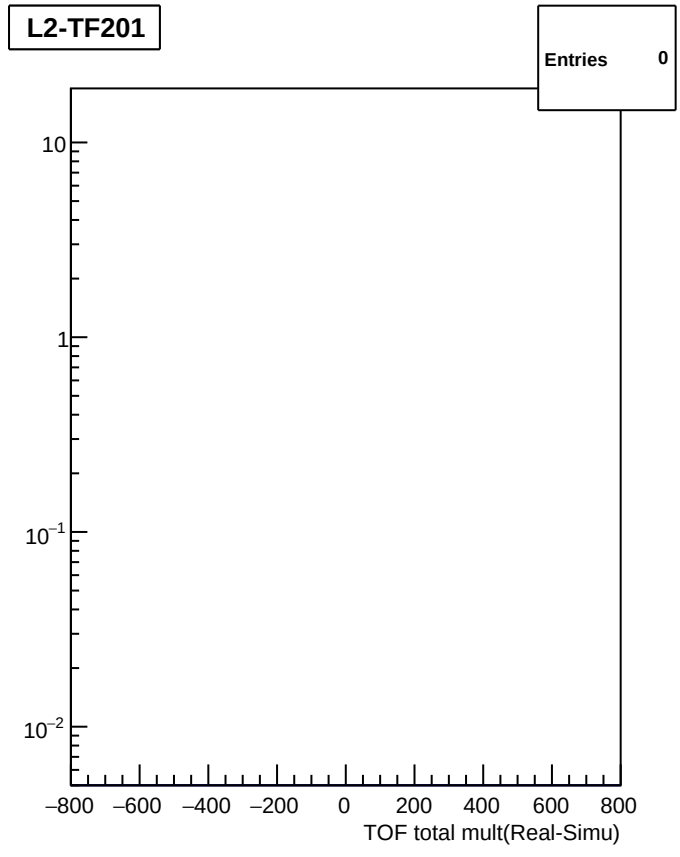

MIX-TF101
Entries 3792612
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

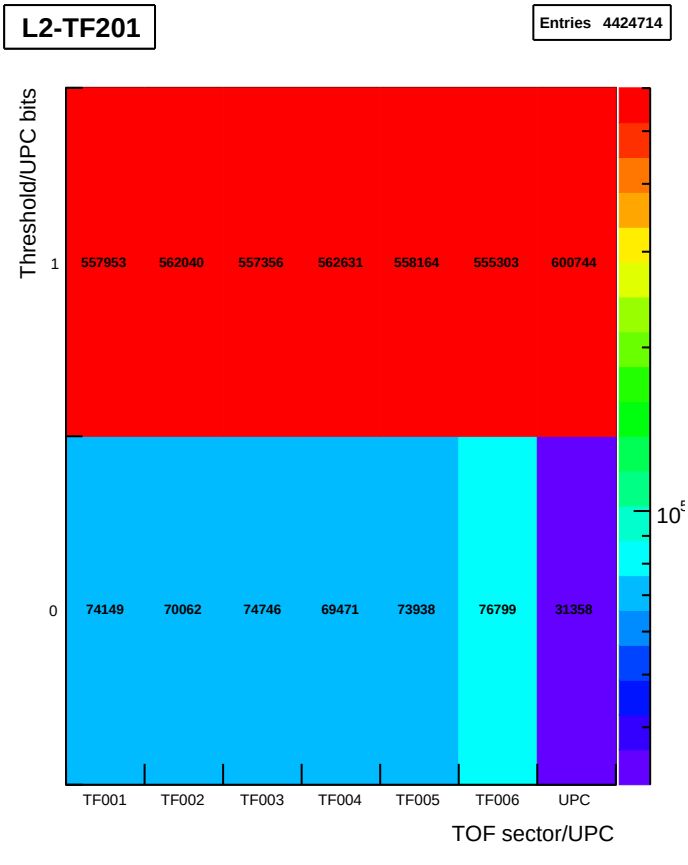

MIX-TF101
Entries 212351
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

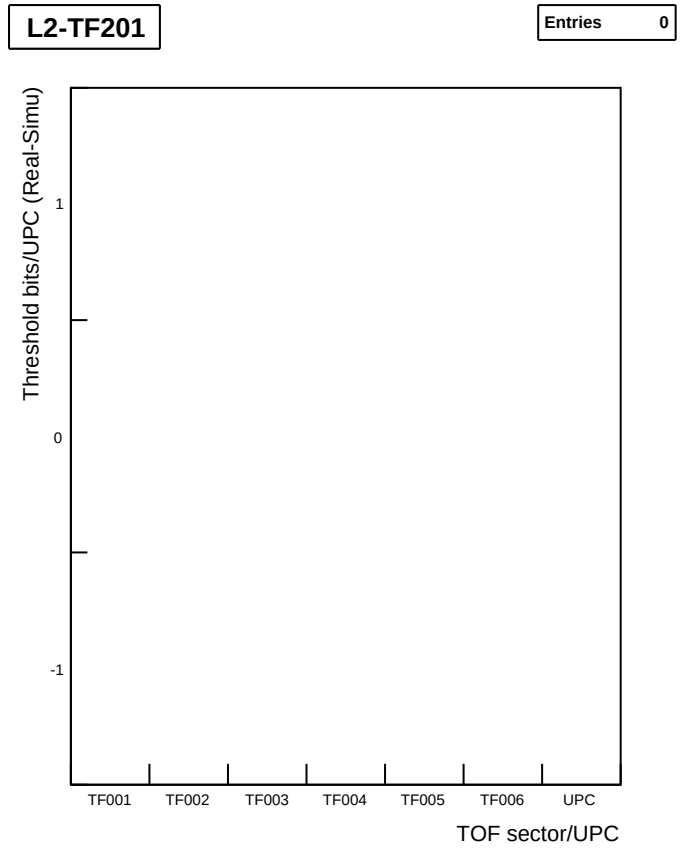

MIX-TF101
Entries 3792612
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

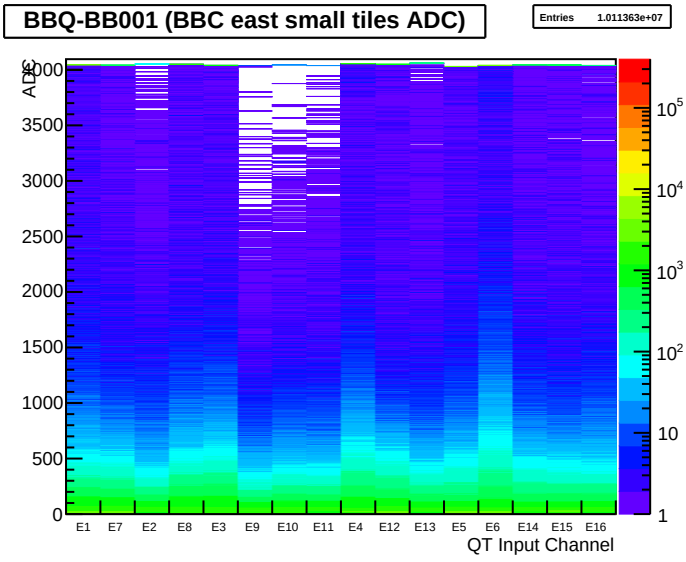

MIX-TF101
Entries 466514
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

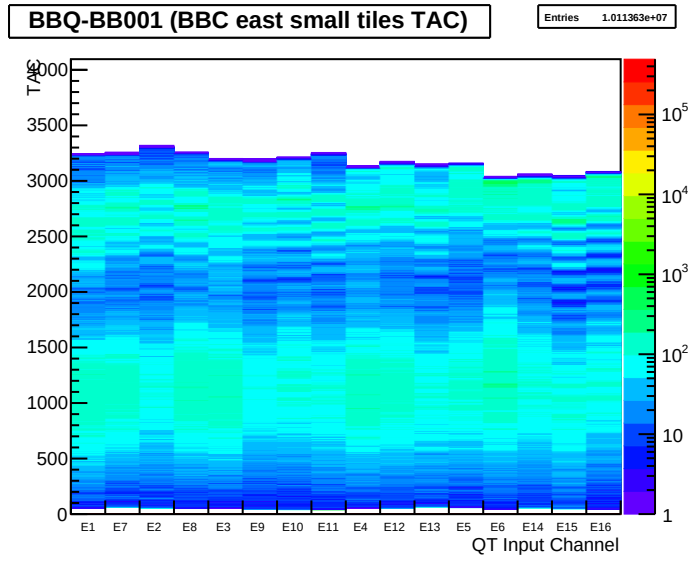

L2-TF201
Entries 632102
TOF total mult

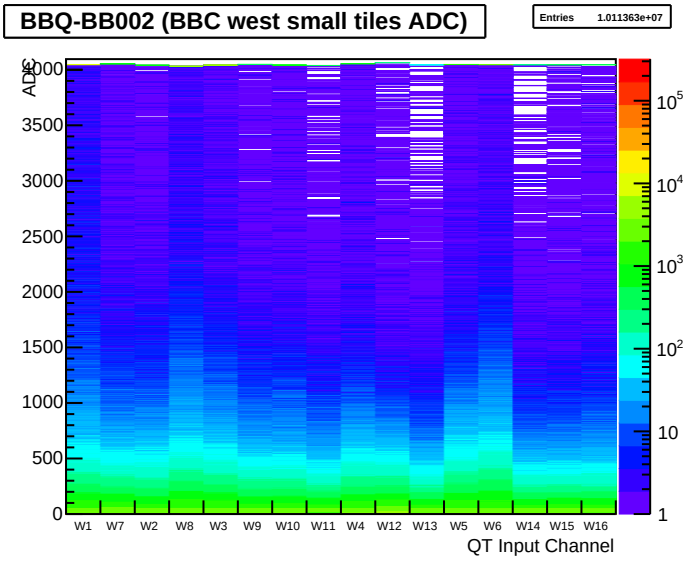

L2-TF201
Entries 0
TOF total mult(Real-Simu)

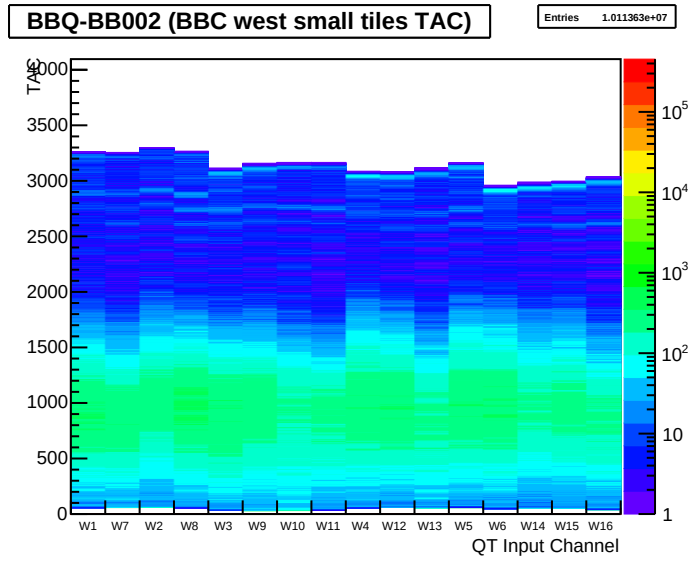

L2-TF201
Entries 4424714
Threshold/UPC bits
557953
562040
557356
562631
558164
555303
600744
74149
70062
74746
69471
73938
76799
31358
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

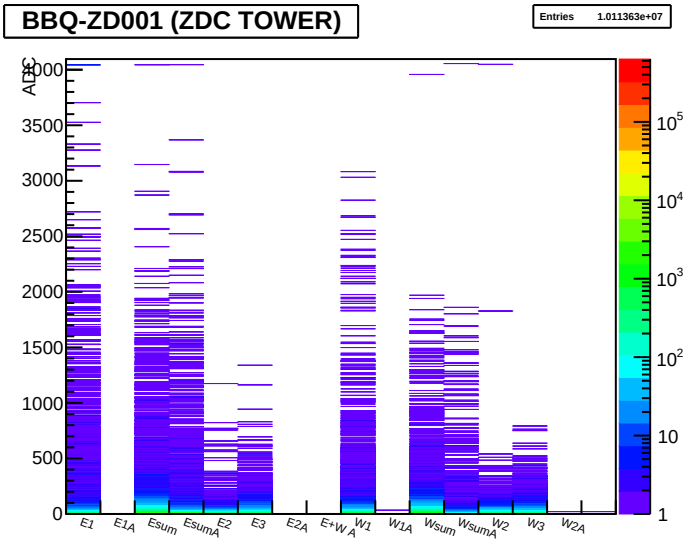

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

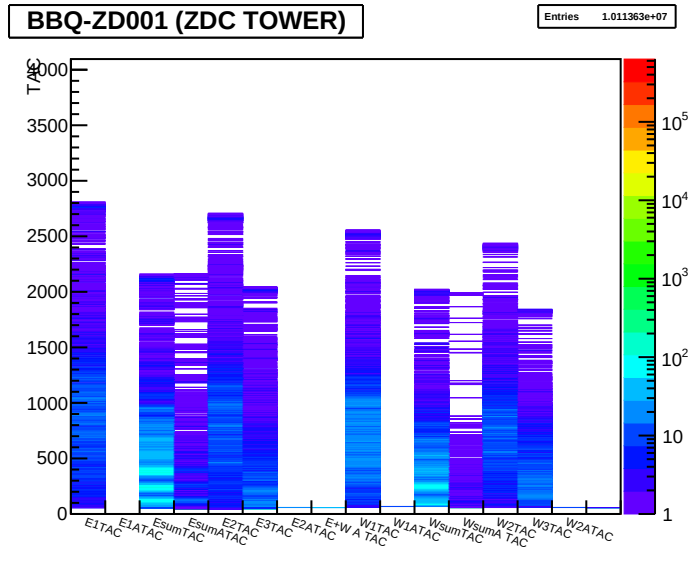

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.011363e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

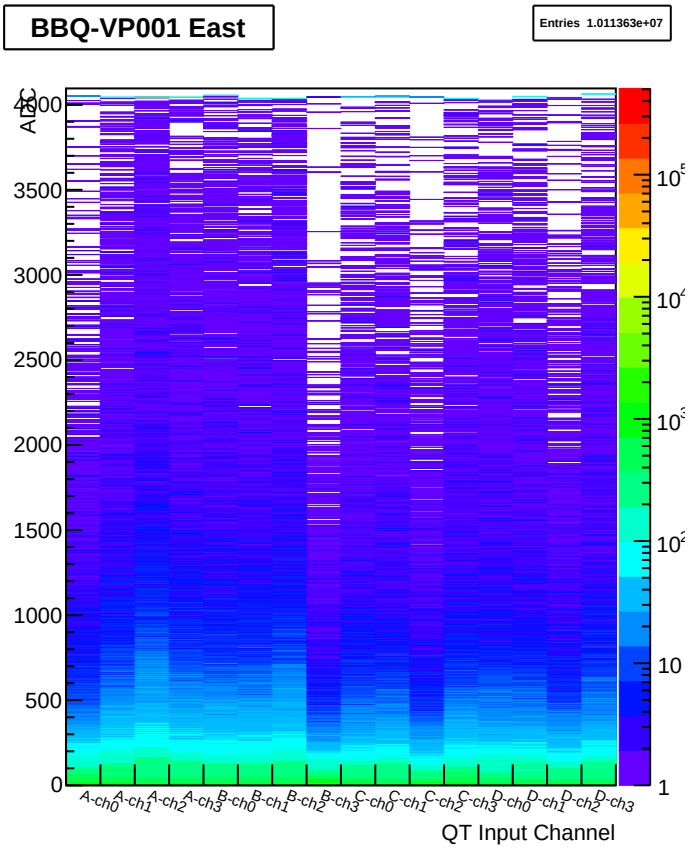

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.011363e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

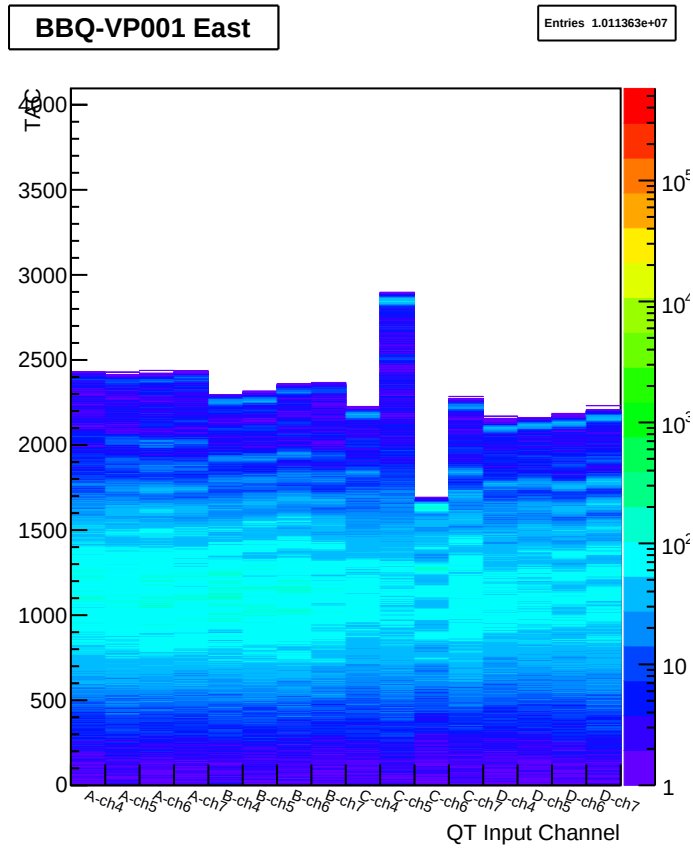

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.011363e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

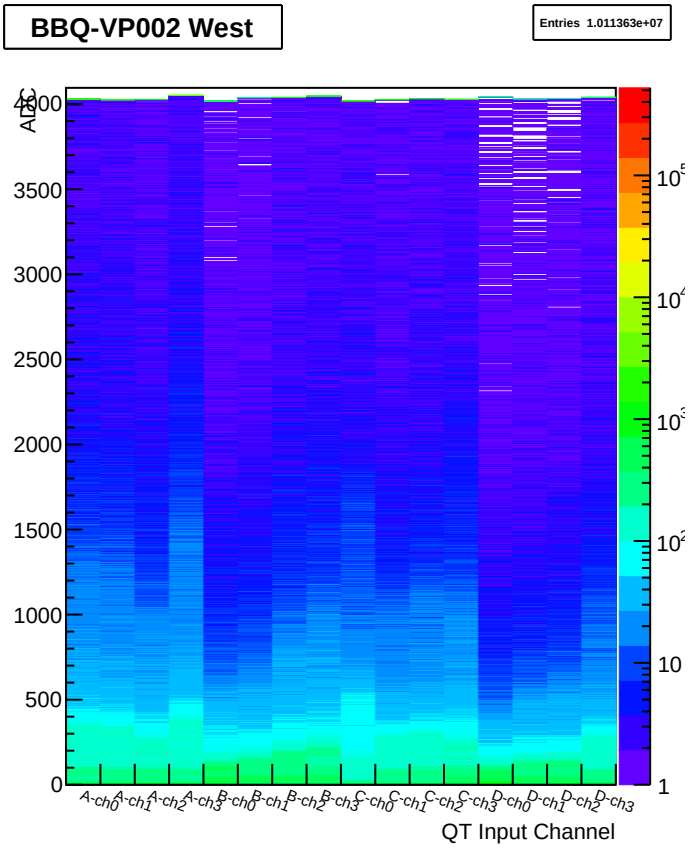

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.011363e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

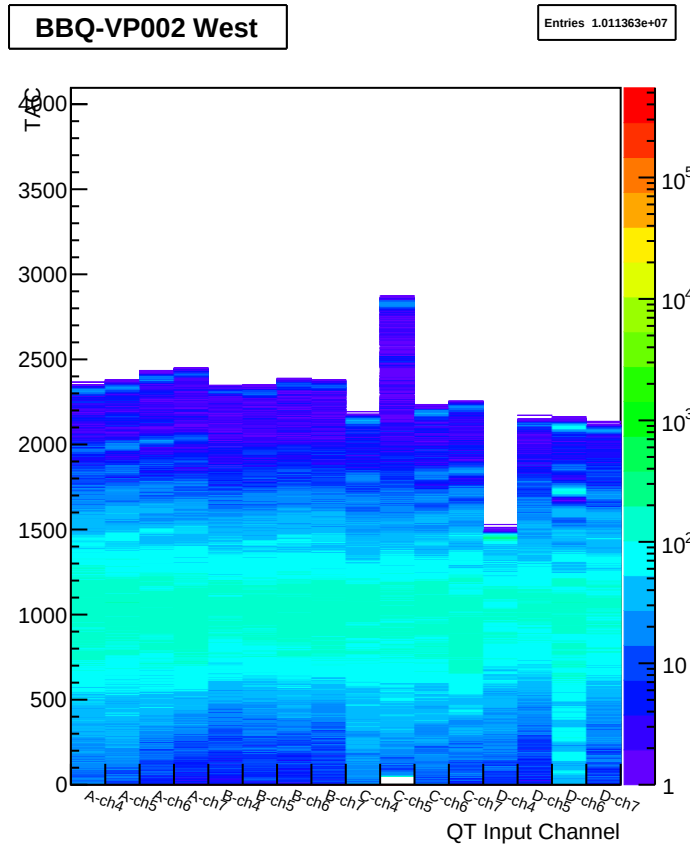

BBQ-ZD001 (ZDC TOWER)
Entries 1.011363e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

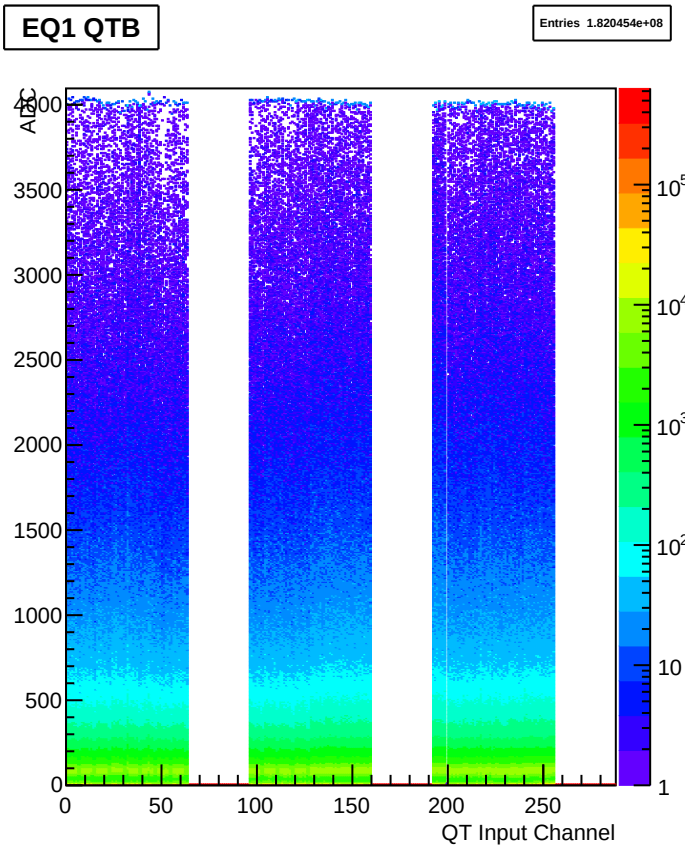

BBQ-ZD001 (ZDC TOWER)
Entries 1.011363e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

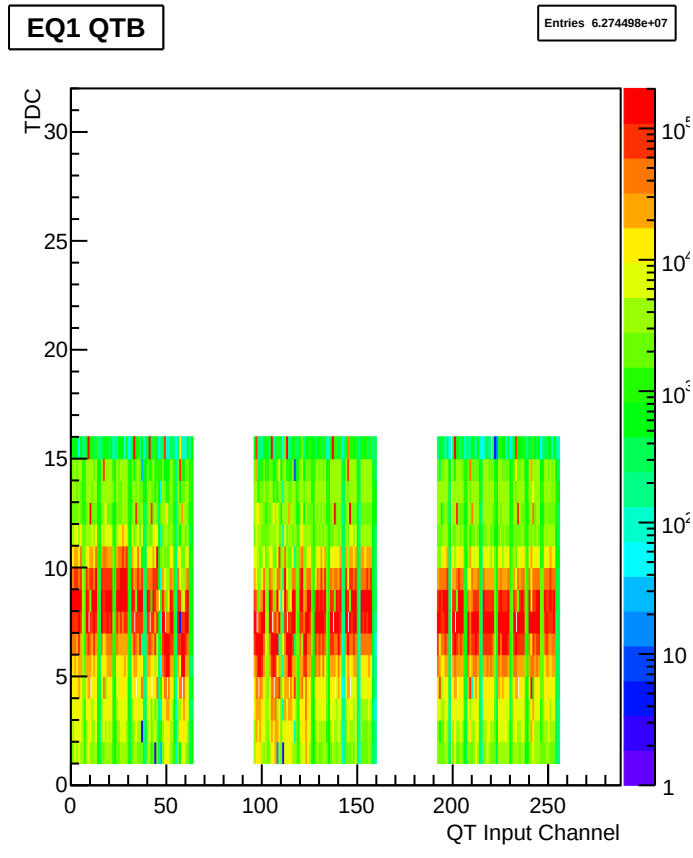

BBQ-VP001 East
Entries 1.011363e+07
ADC
QT Input Channel

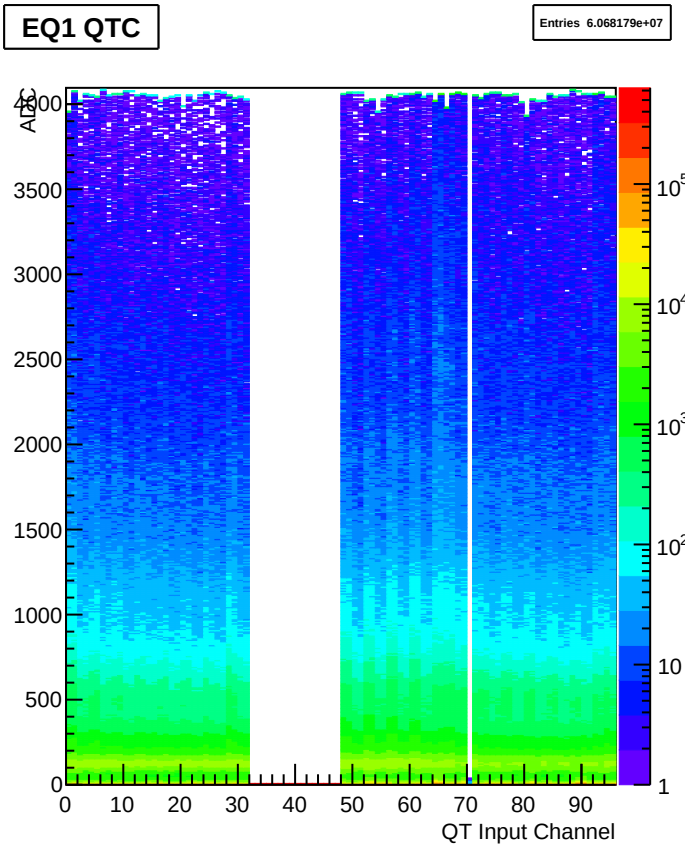

BBQ-VP001 East
Entries 1.011363e+07
ADC
QT Input Channel

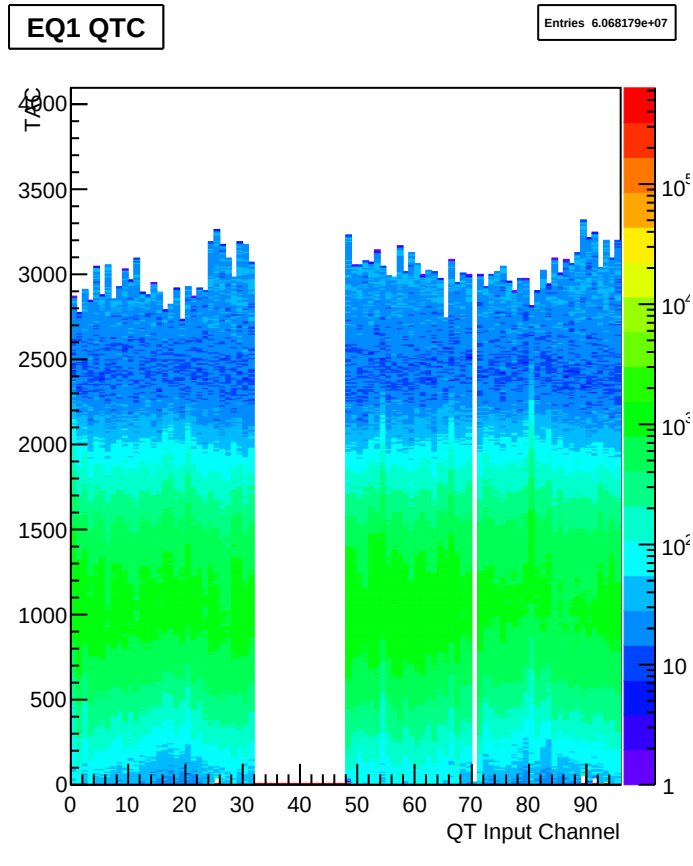

BBQ-VP002 West
Entries 1.011363e+07
ADC
QT Input Channel

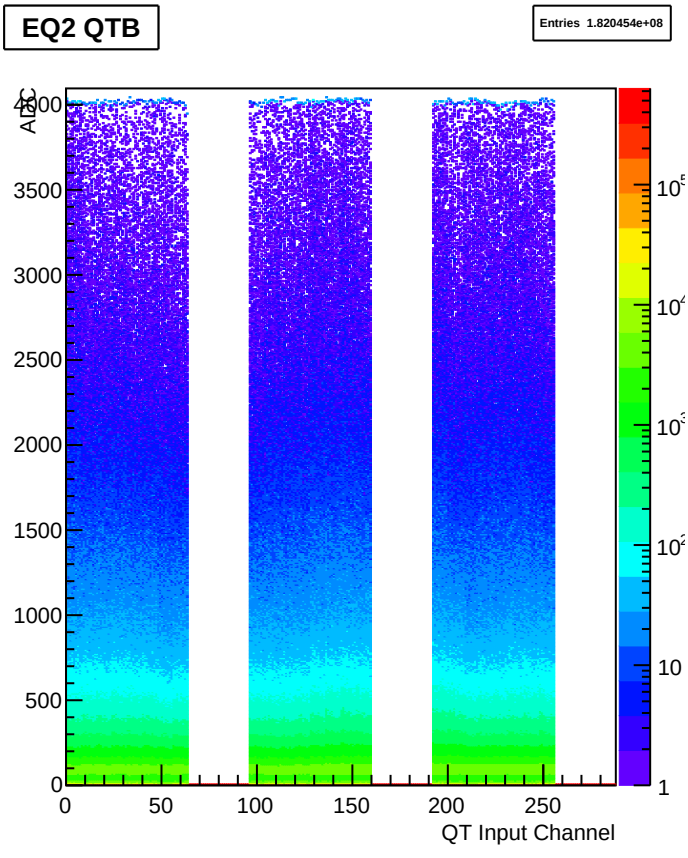

BBQ-VP002 West
Entries 1.011363e+07
ADC
QT Input Channel

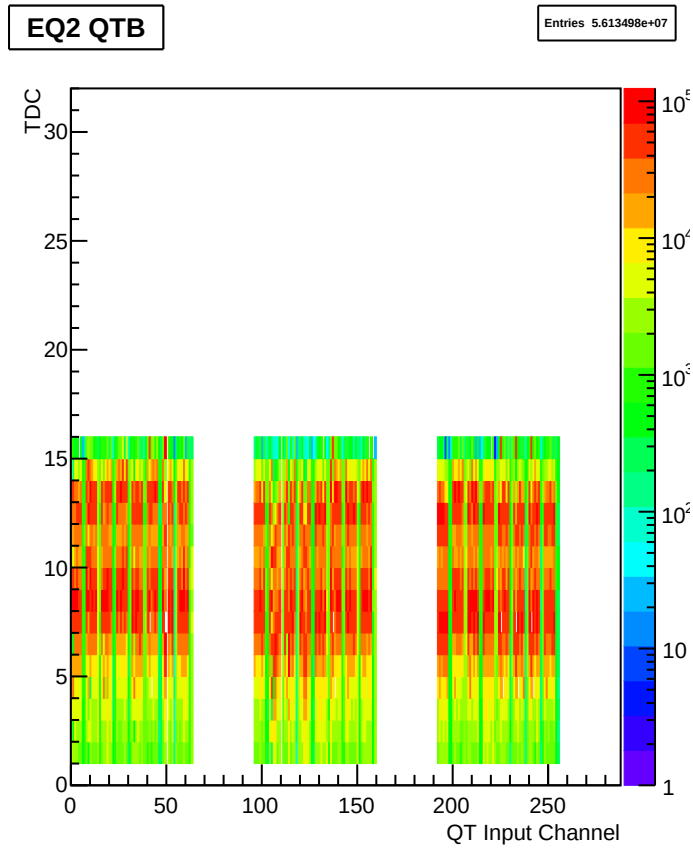

EQ1 QTB
Entries 1.820454e+08
ADC
QT Input Channel

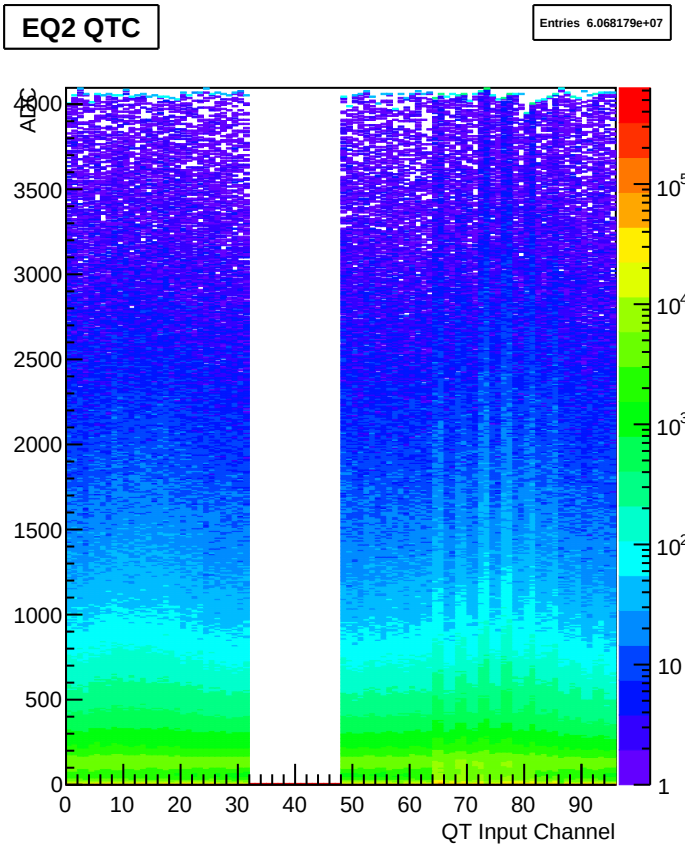

EQ1 QTB
Entries 6.274498e+07
TDC
QT Input Channel

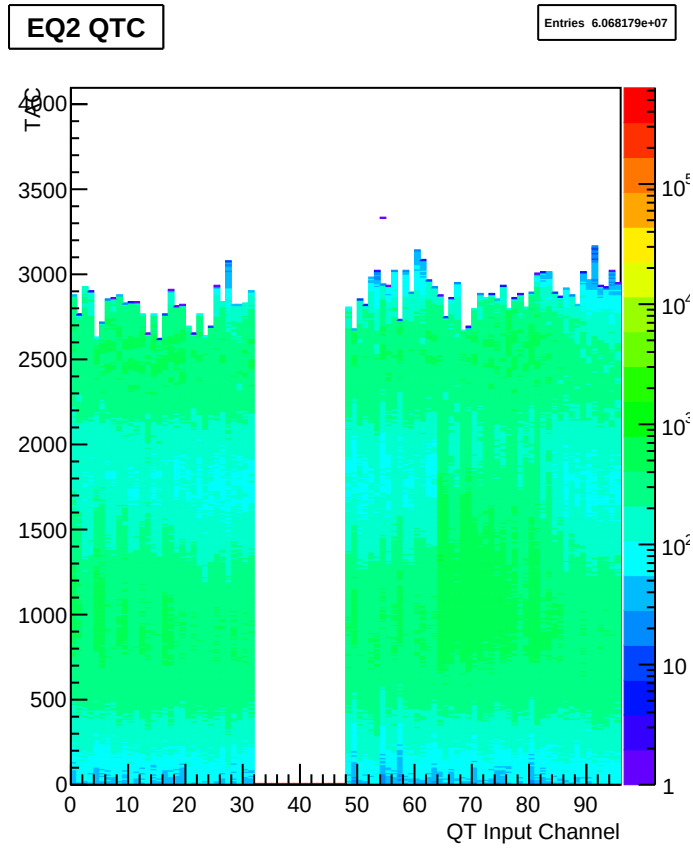

EQ1 QTC
Entries 6.068179e+07
ADC
QT Input Channel

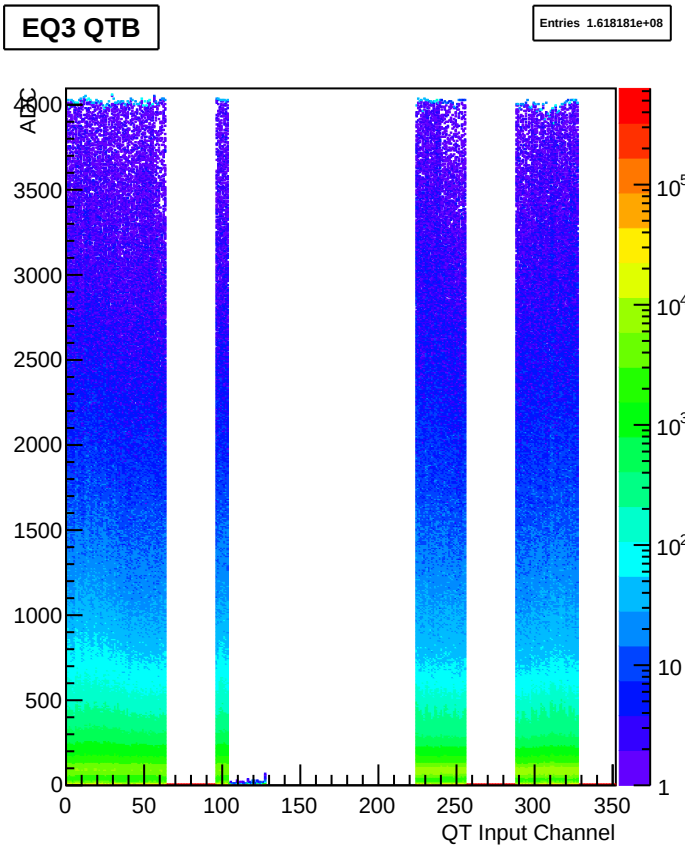

EQ1 QTC
Entries 6.068179e+07
TADC
QT Input Channel

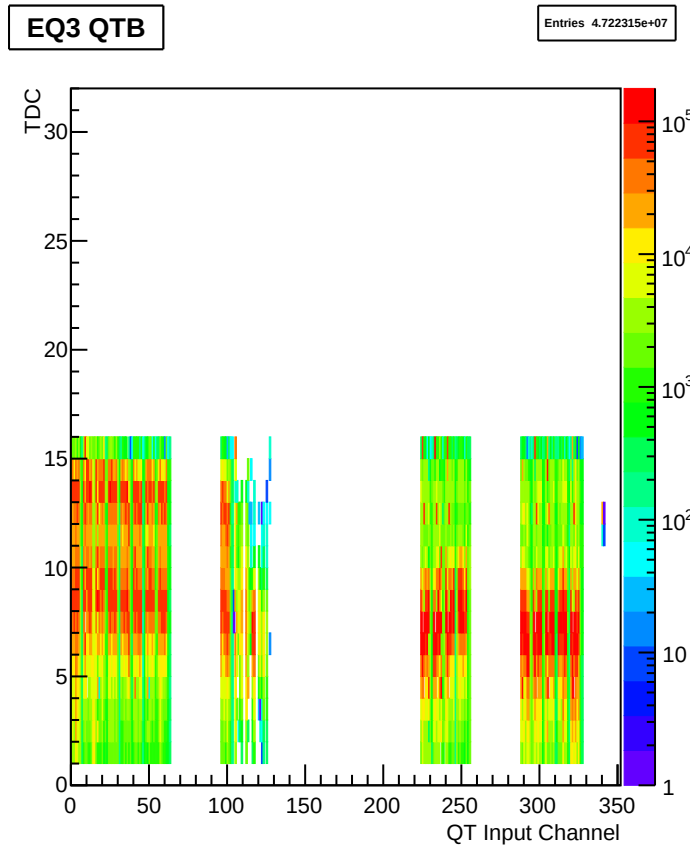

EQ2 QTB
Entries 1.820454e+08
ADC
QT Input Channel

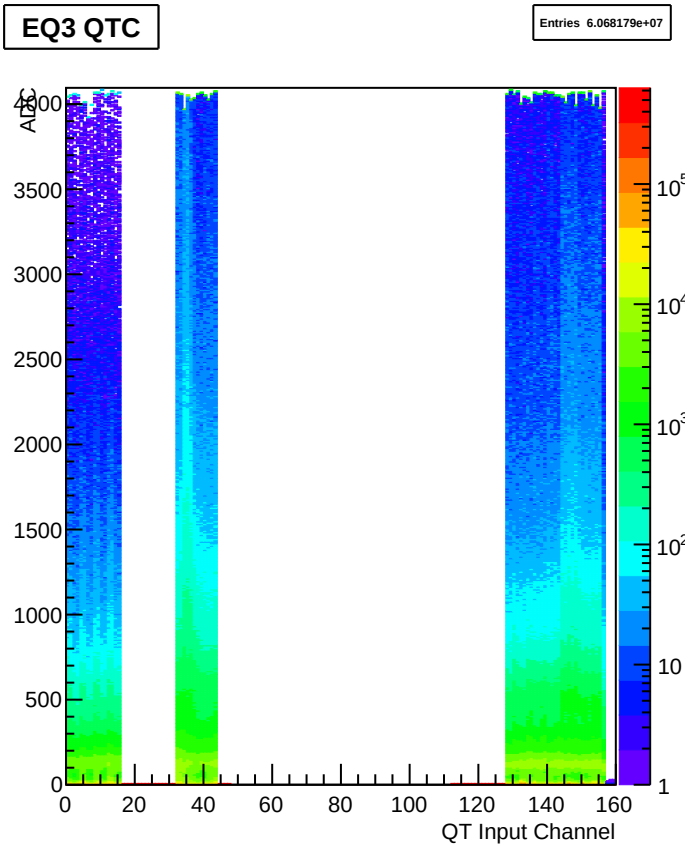

EQ2 QTB
Entries 5.613498e+07
TDC
QT Input Channel

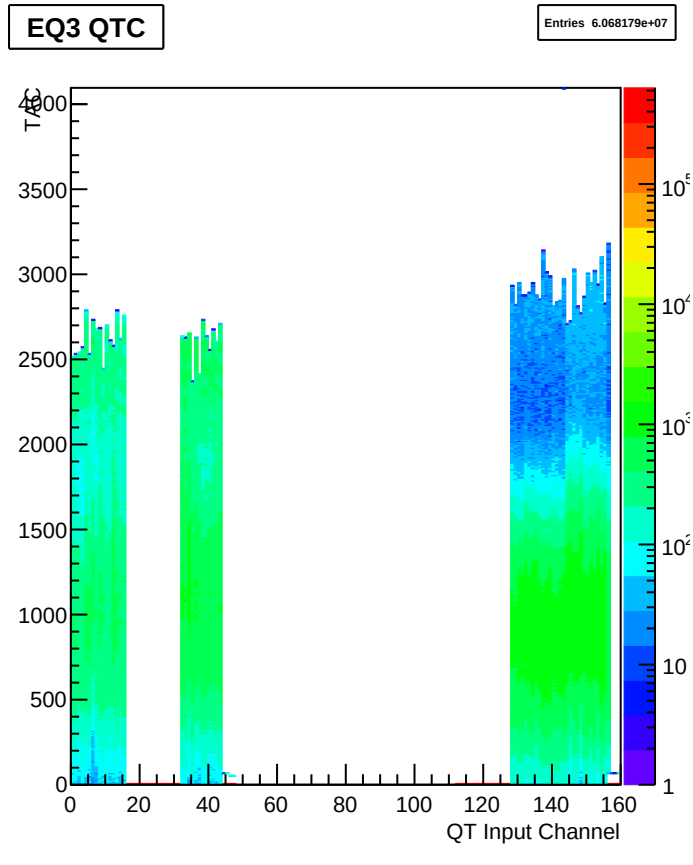

EQ2 QTC
Entries 6.068179e+07
ADC
QT Input Channel


EQ2 QTC
Entries 6.068179e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.618181e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.722315e+07
TDC
QT Input Channel


EQ3 QTC
Entries 6.068179e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.068179e+07
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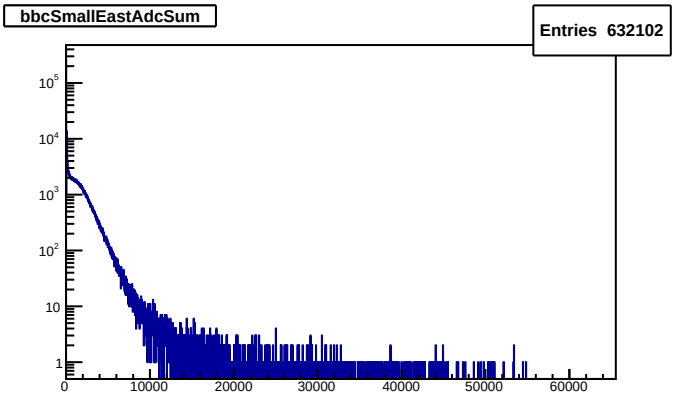
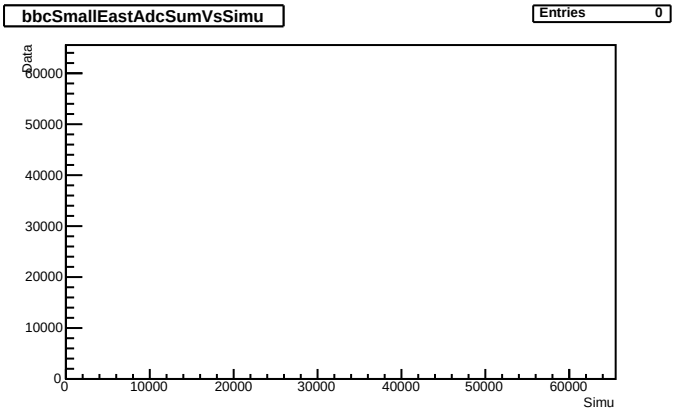
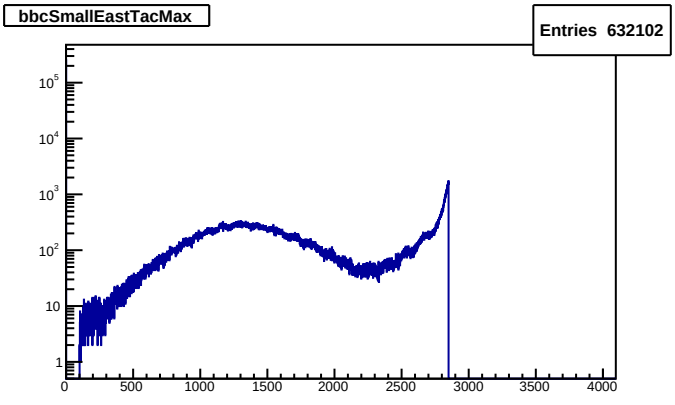
QT Input Channel


bbcSmallEastAdcSum
Entries 632102


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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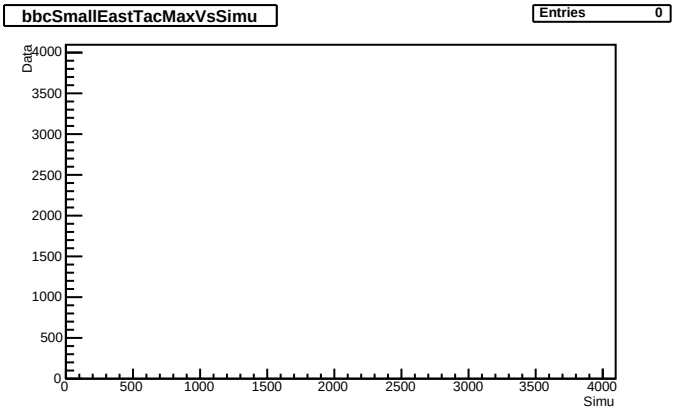
Entries 632102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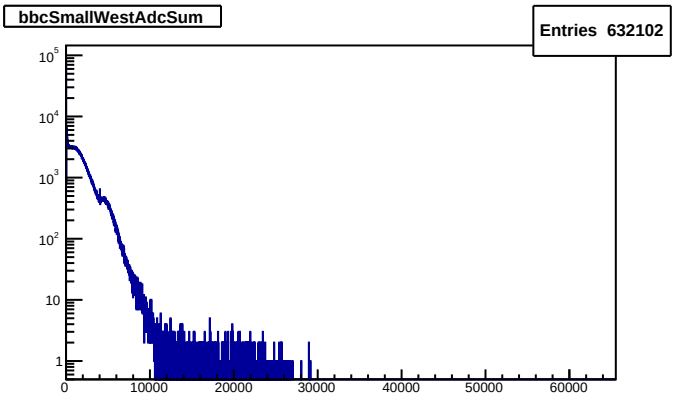
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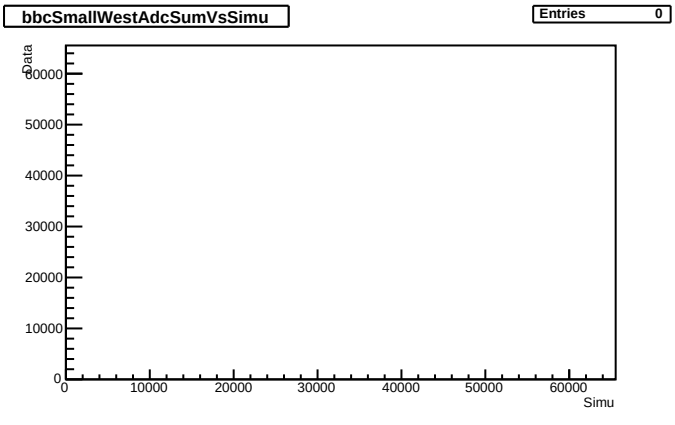
Entries 632102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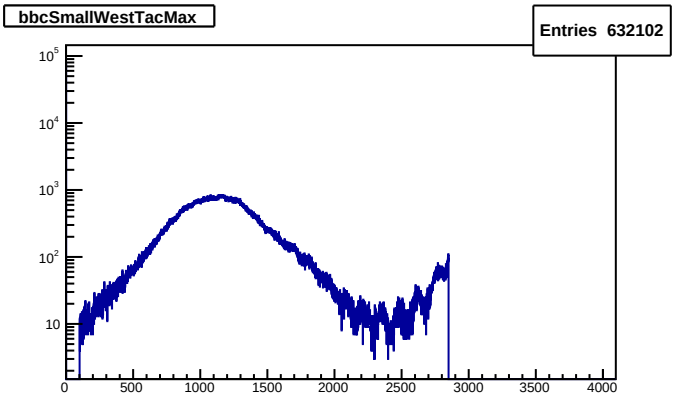
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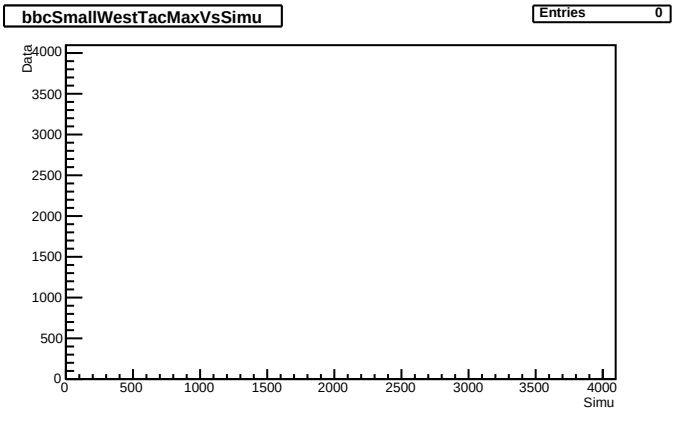
bbcSmallWestTacMaxVsSimu
Entries 0
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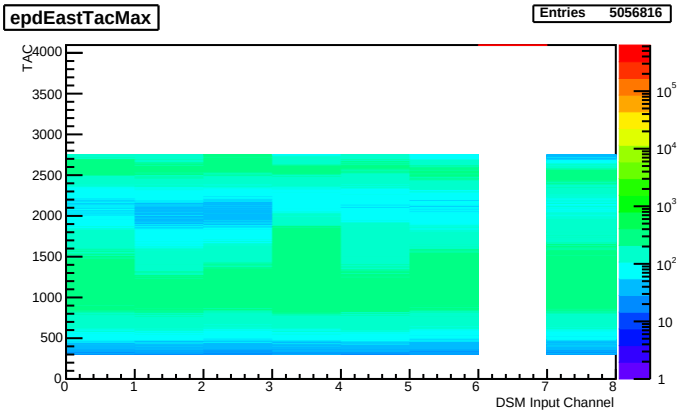
Simu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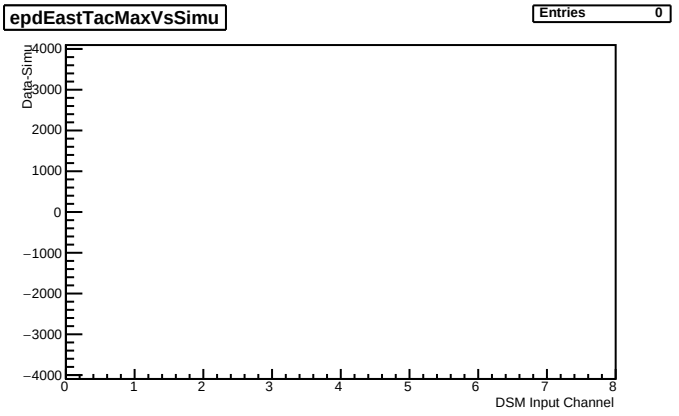
Entries 5056816
TAC
DSM Input Channel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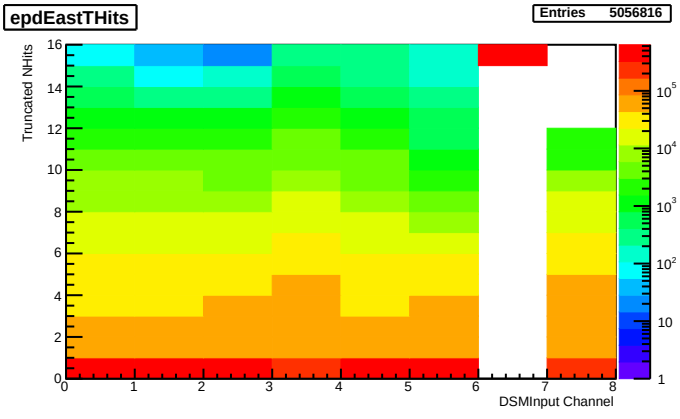
Entries 0
Data-Simu
DSM Input Channel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Entries 5056816
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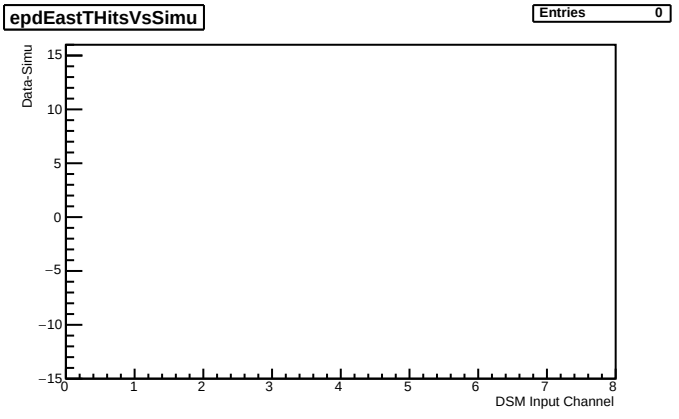
DSMInput Channel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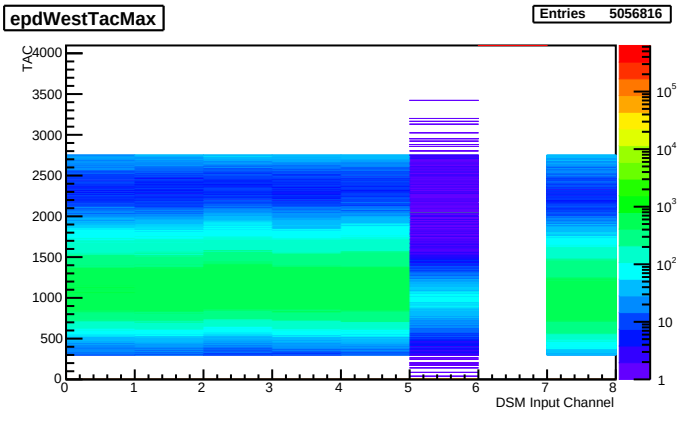
DSM Input Channel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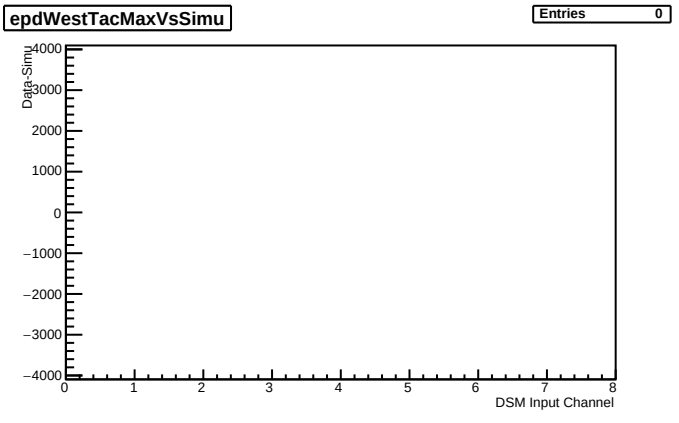
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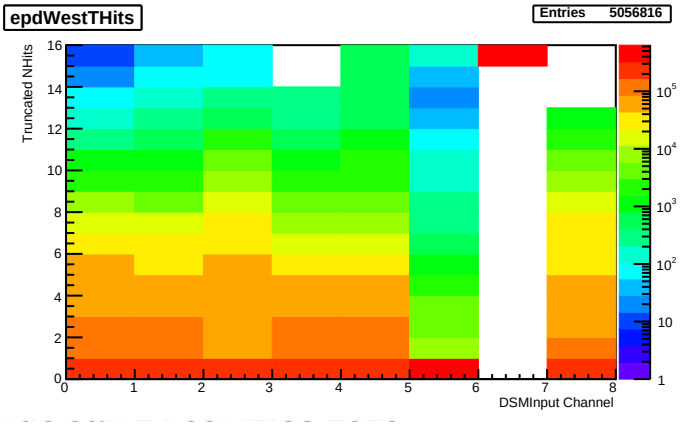
Entries 0
Data-Simu
DSM Input Channel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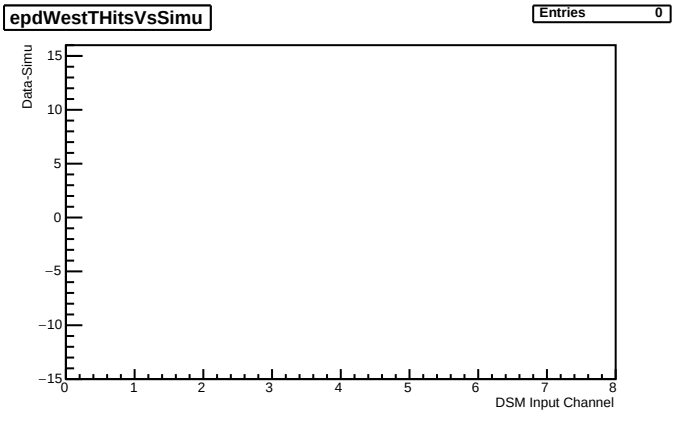
Entries 5056816
Truncated NHits
DSMInput Channel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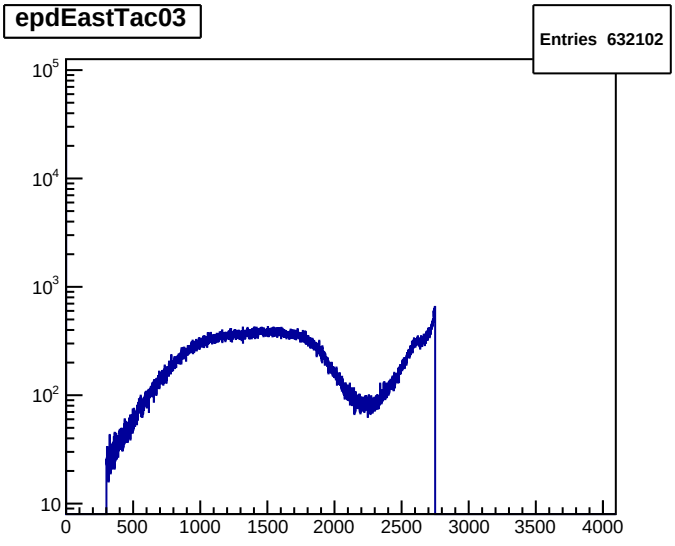
DSM Input Channel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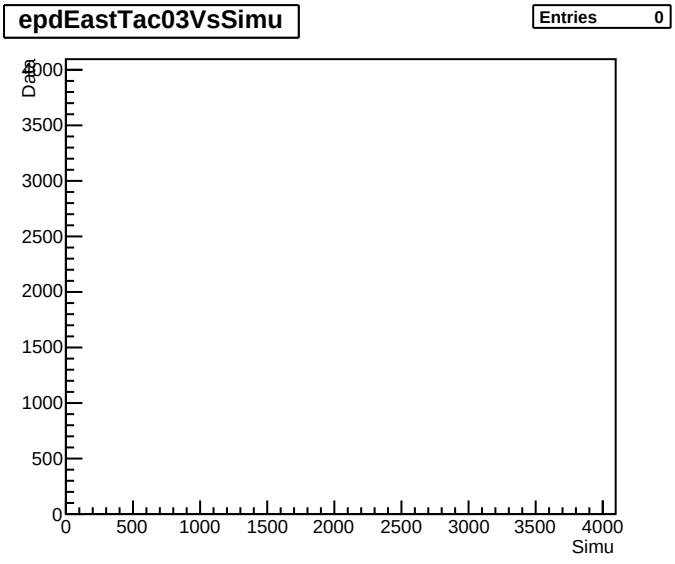
Entries 632102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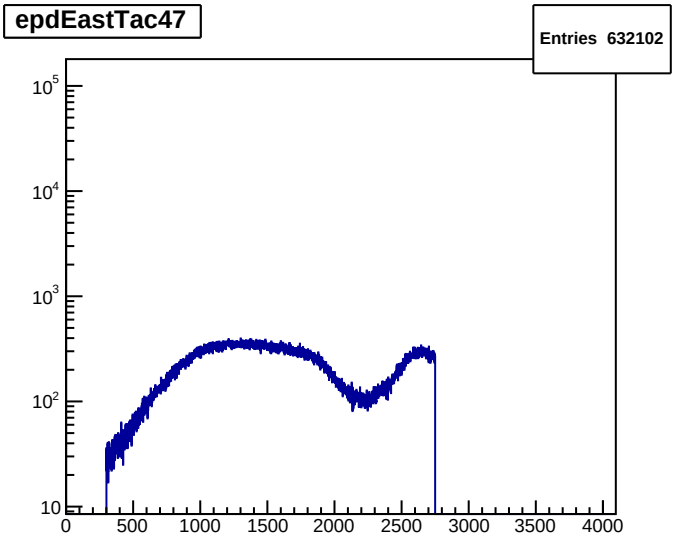
Entries 0
Data
Simu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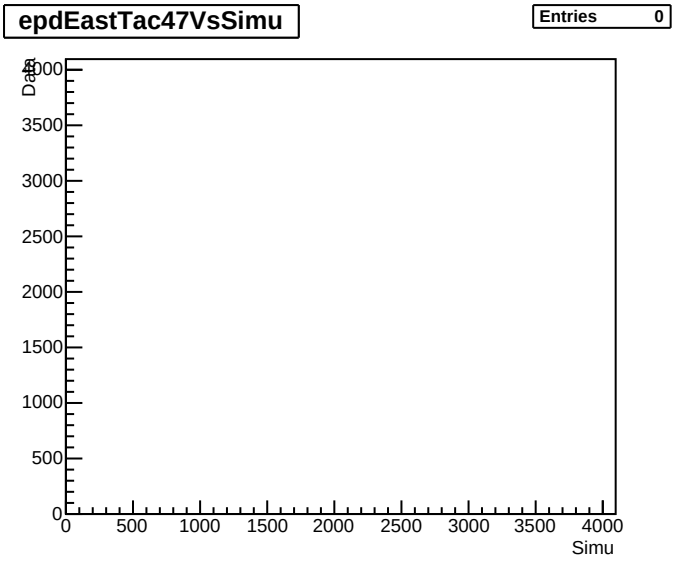
Entries 632102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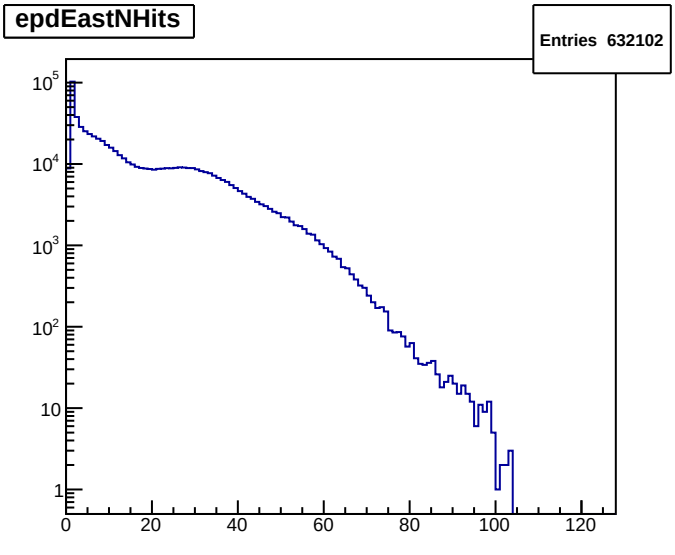
Entries 0
Data
Simu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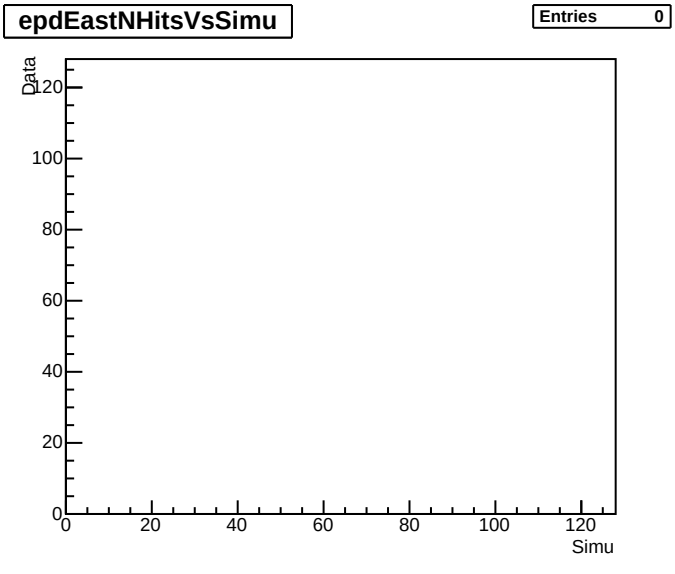
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Entries 0
Data
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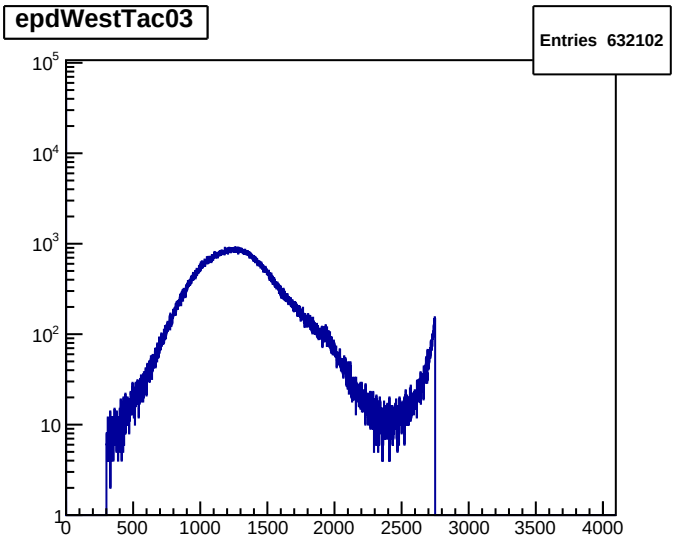
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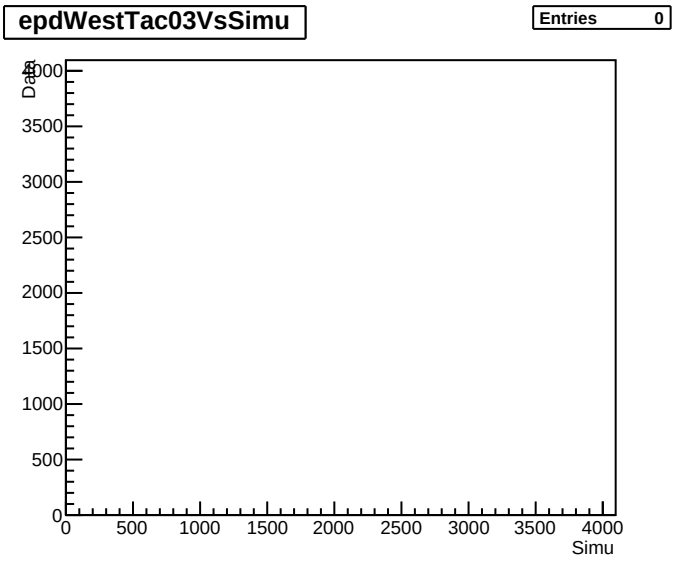
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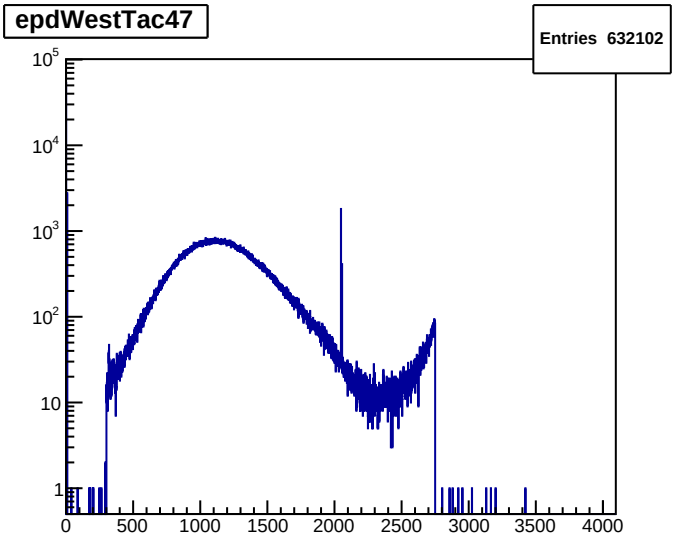
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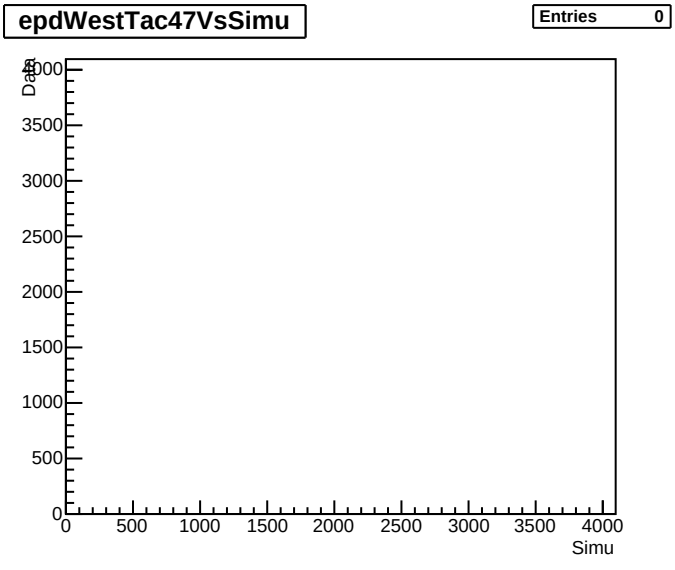
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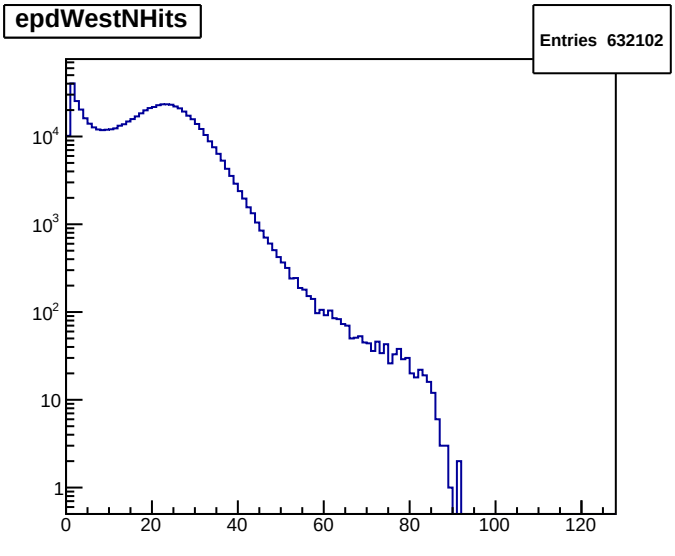
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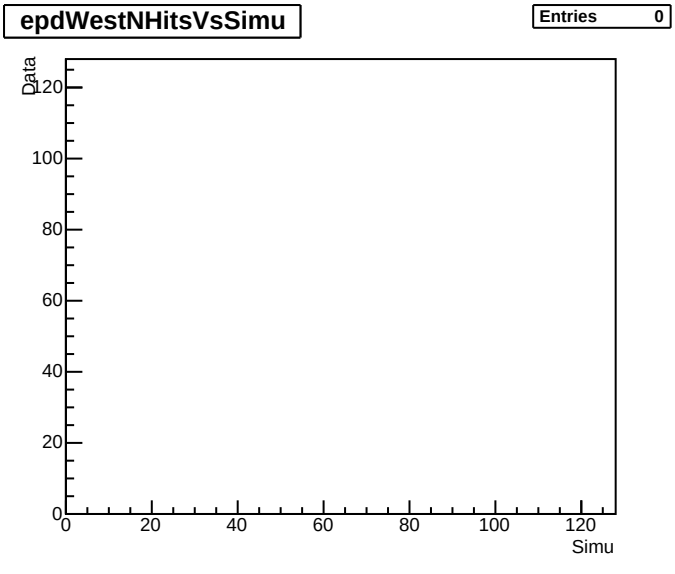
Entries 632102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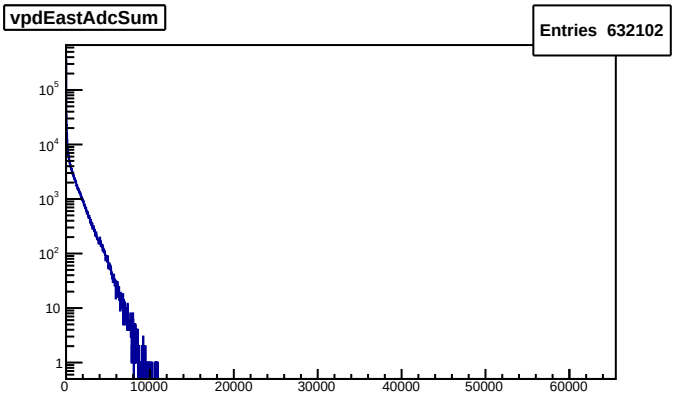
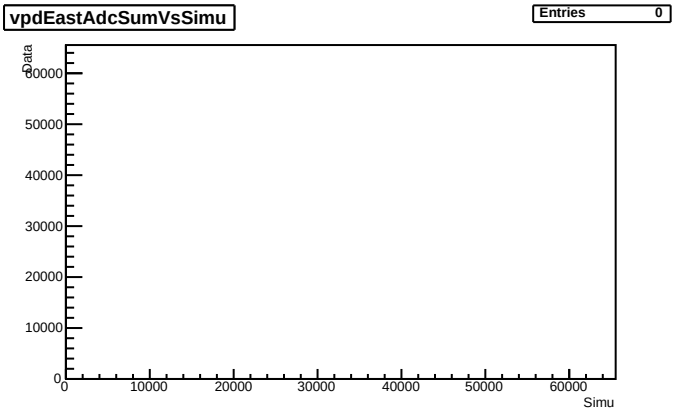
Entries 0
Data
Simu


vpdEastAdcSum
Entries 632102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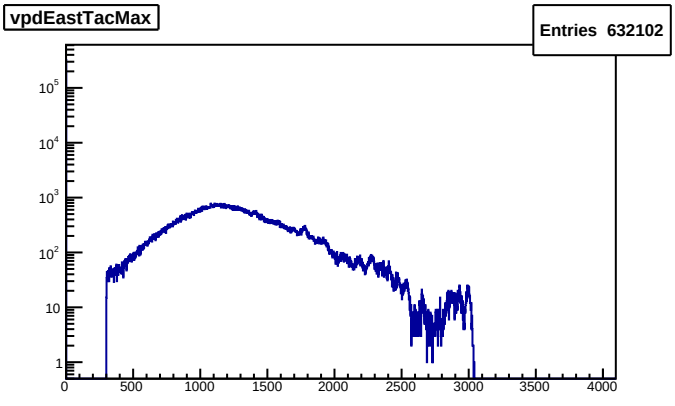
Entries 0
Data
Simu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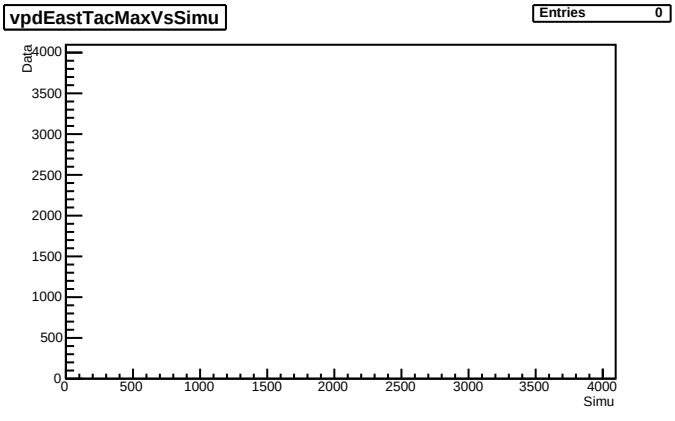
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Entries 0
Data
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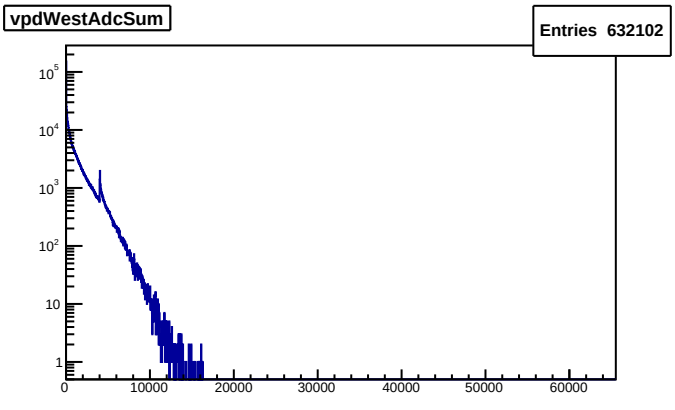
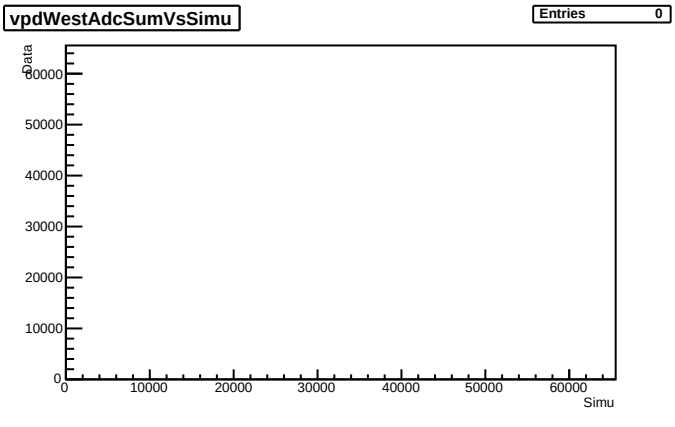

vpdWestAdcSum
Entries 632102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Entries 0
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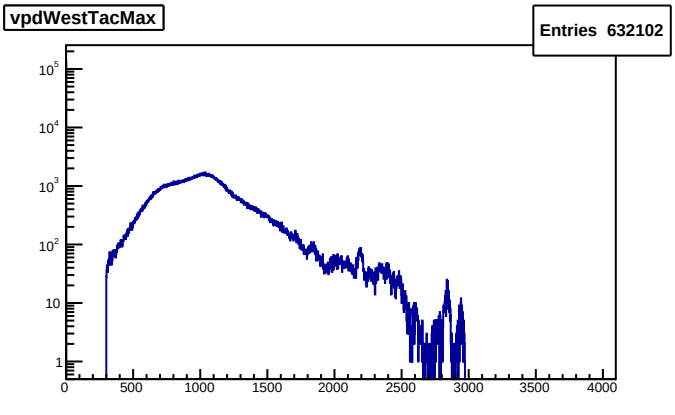
Simu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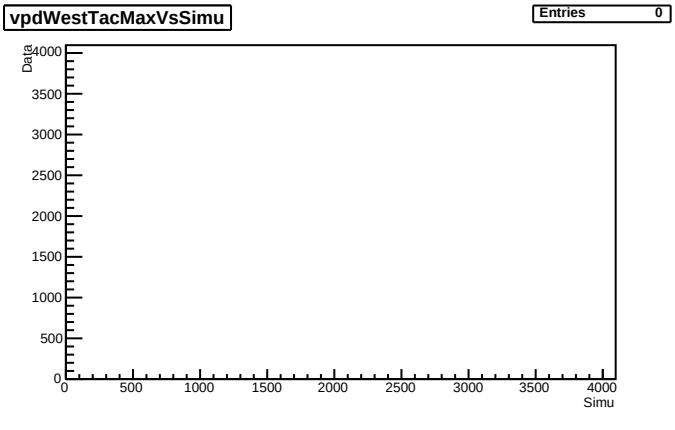
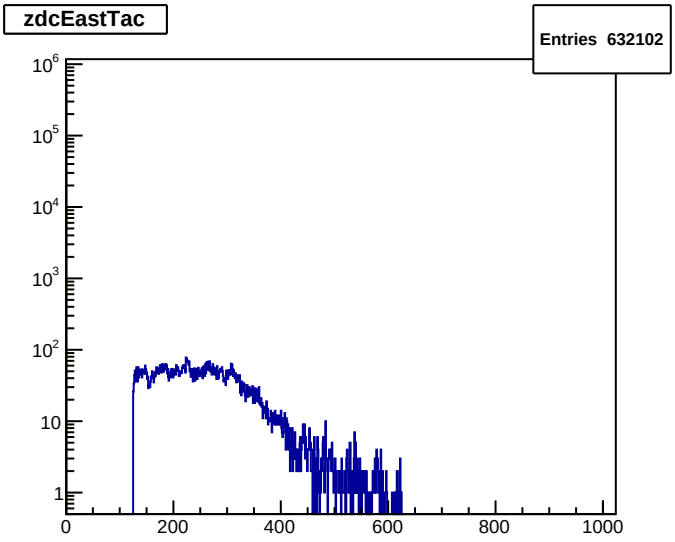
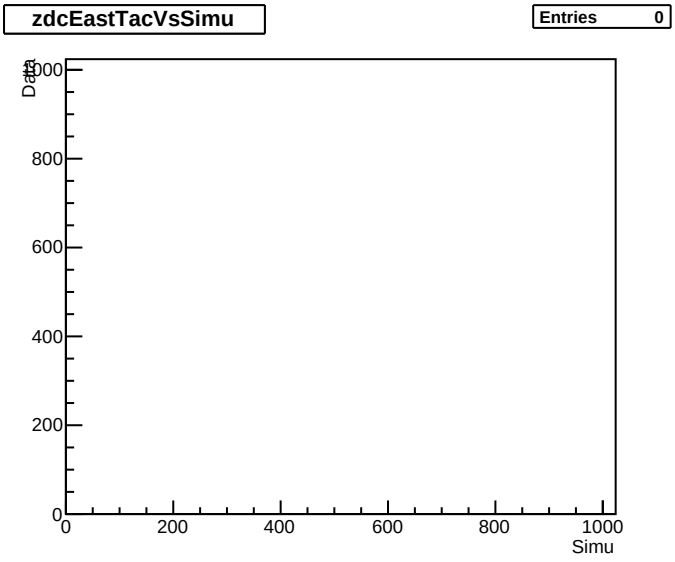
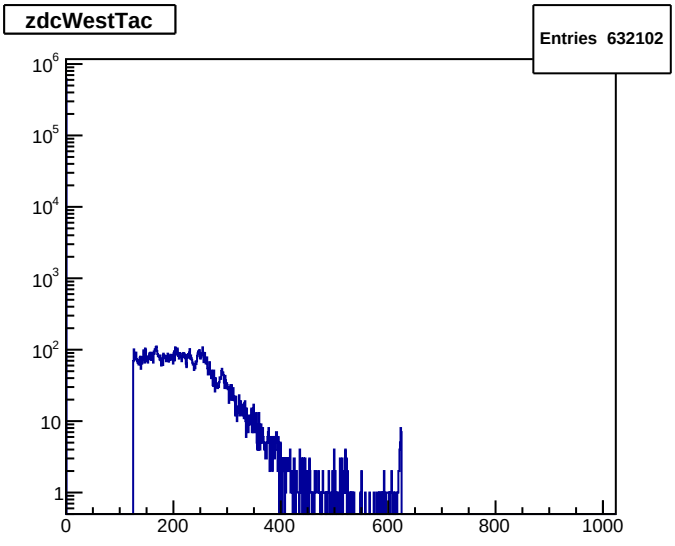
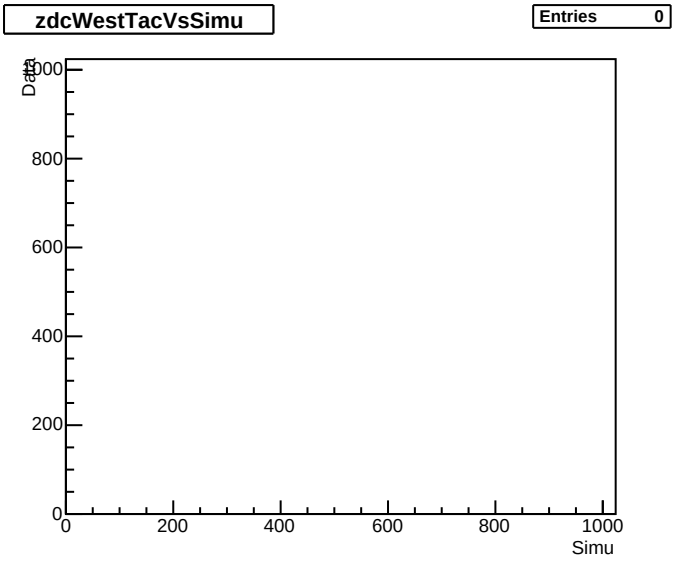
Entries 632102

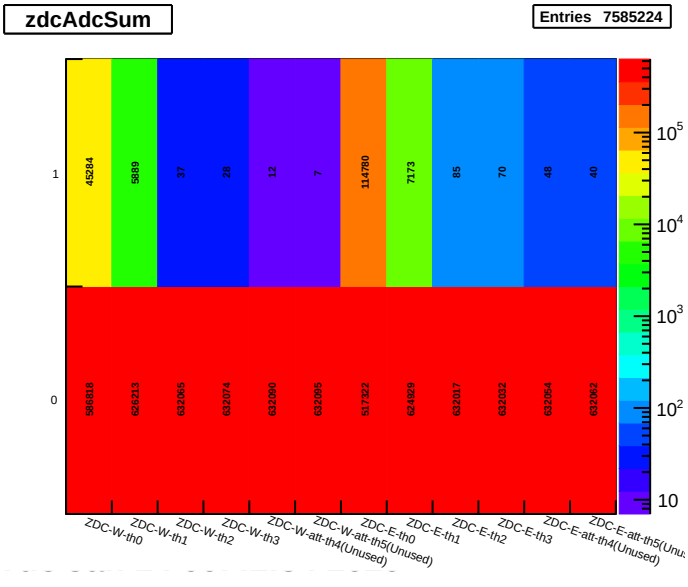

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 632102


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 632102


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 7585224
45284
5689
37
28
12
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114780
7173
85
70
48
40
586818
626213
632065
632074
632090
632095
517322
624829
632017
632032
632054
632062
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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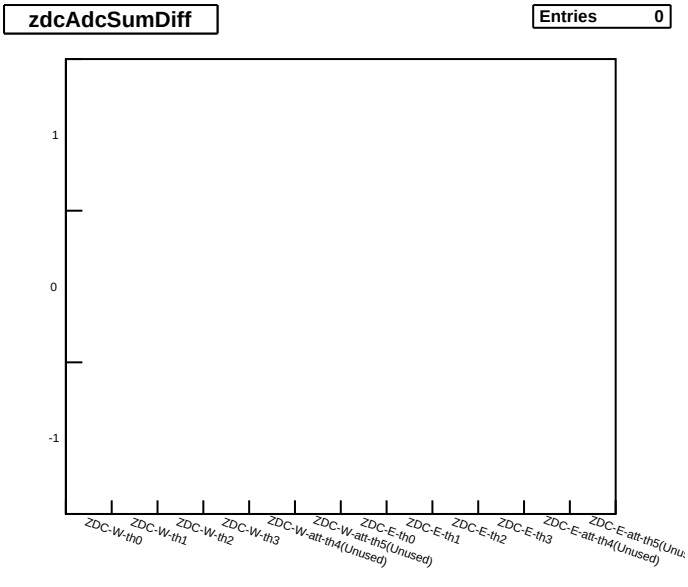
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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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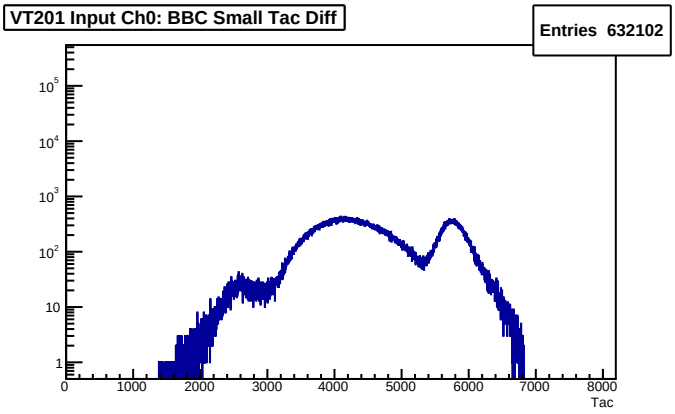
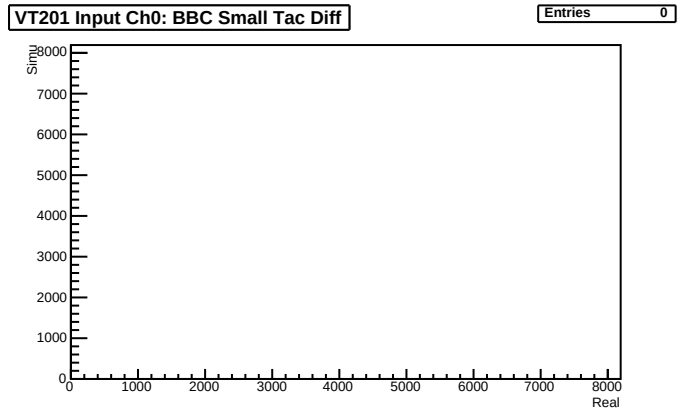
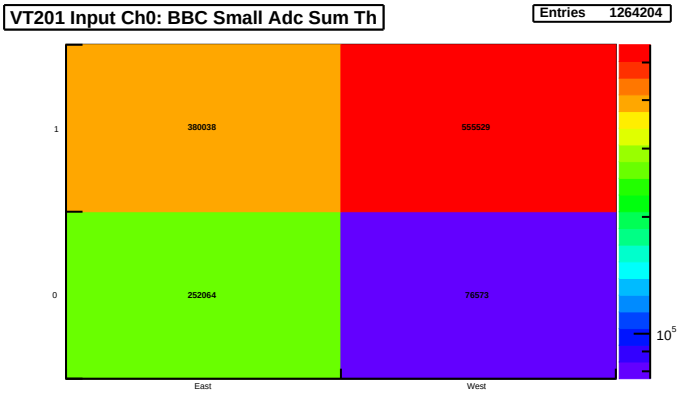
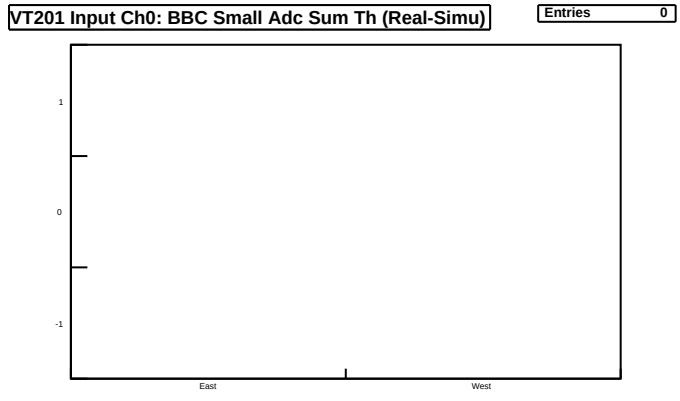
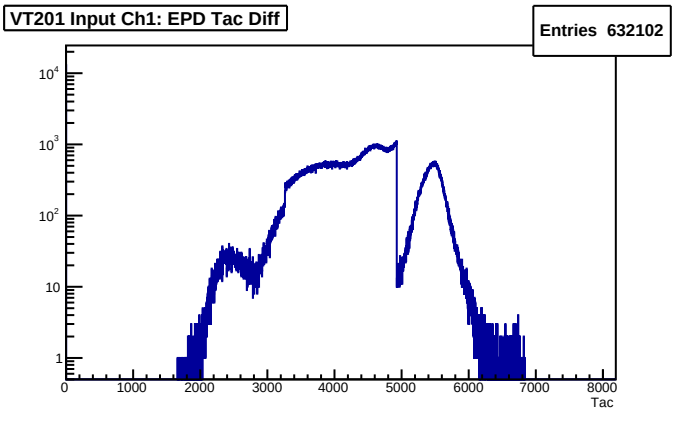
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

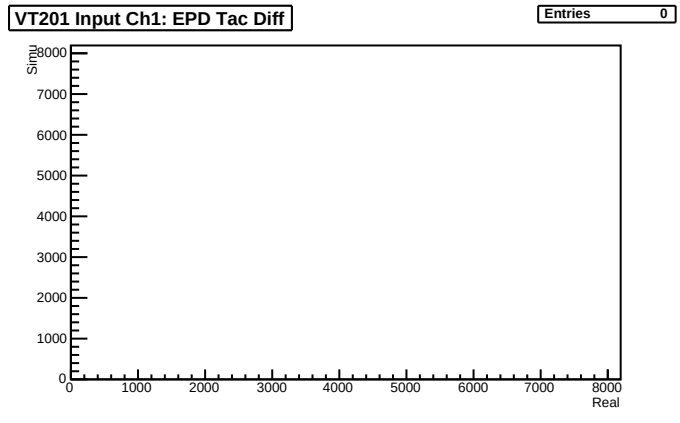

VT201 Input Ch0: BBC Small Tac Diff
Entries 632102
Tac

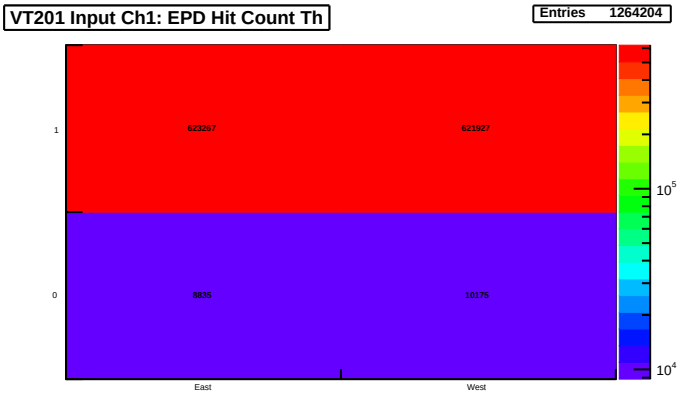

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

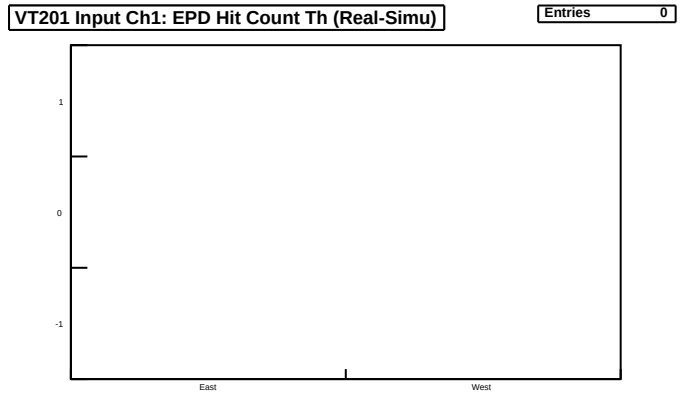

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1264204
380038
555529
252064
76573
East
West

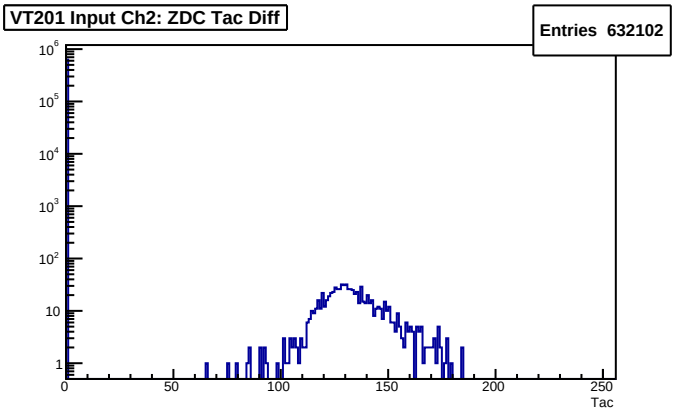

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

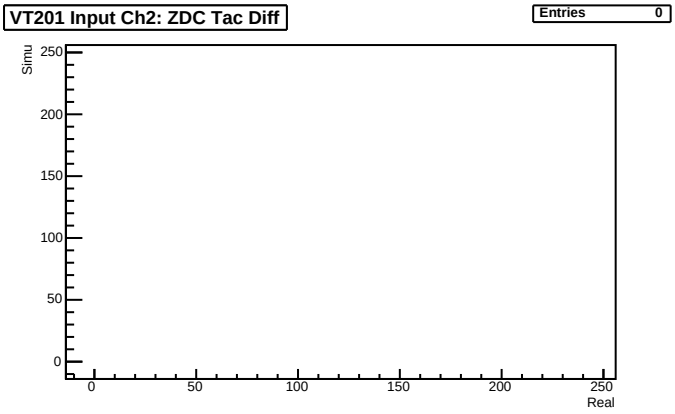

VT201 Input Ch1: EPD Tac Diff
Entries 632102
Tac

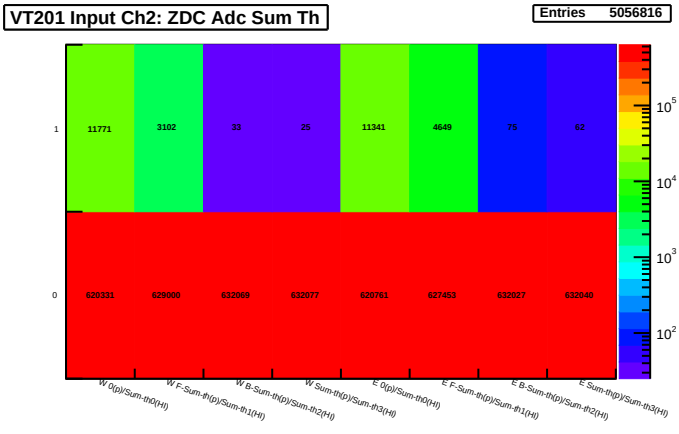

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

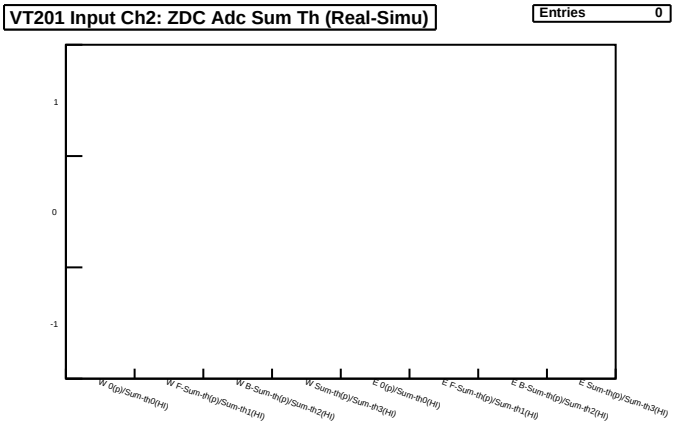

VT201 Input Ch1: EPD Hit Count Th
Entries 1264204
623267
621927
8835
10175
East
West

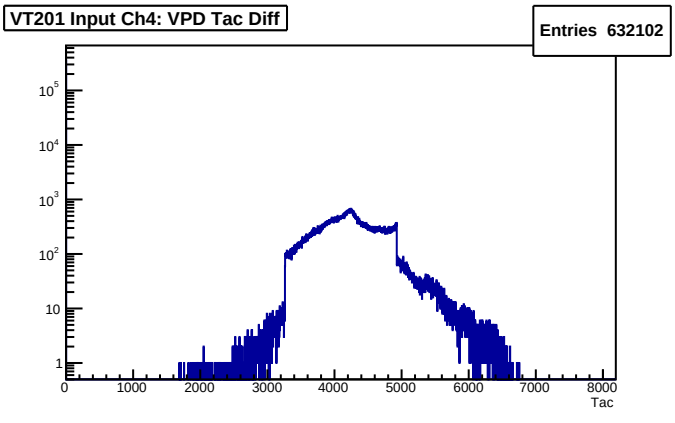

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

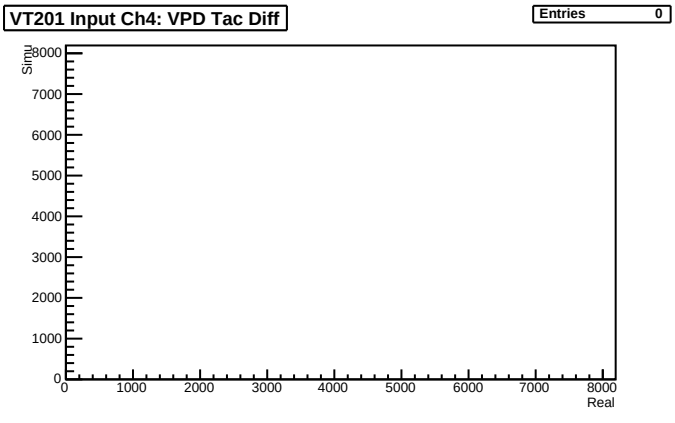

VT201 Input Ch2: ZDC Tac Diff
Entries 632102
Tac

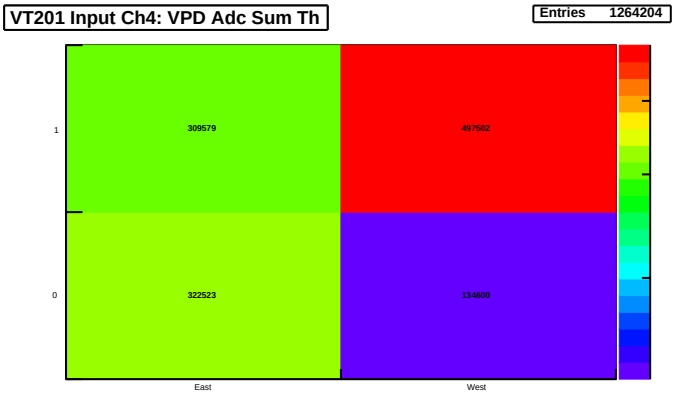

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

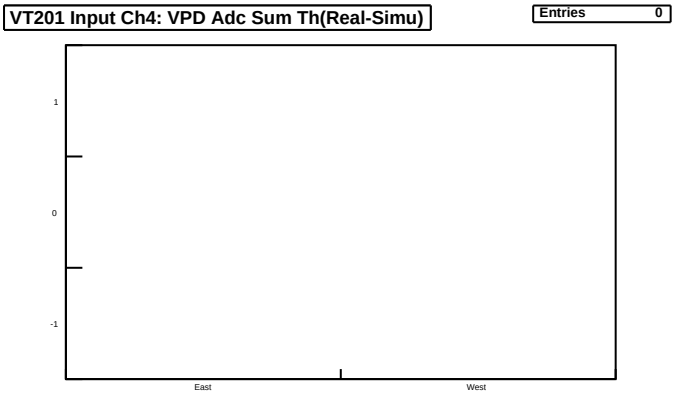

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5056816
11771
3102
33
25
11341
4649
75
62
620331
629000
632069
632077
620761
627453
632027
632040
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

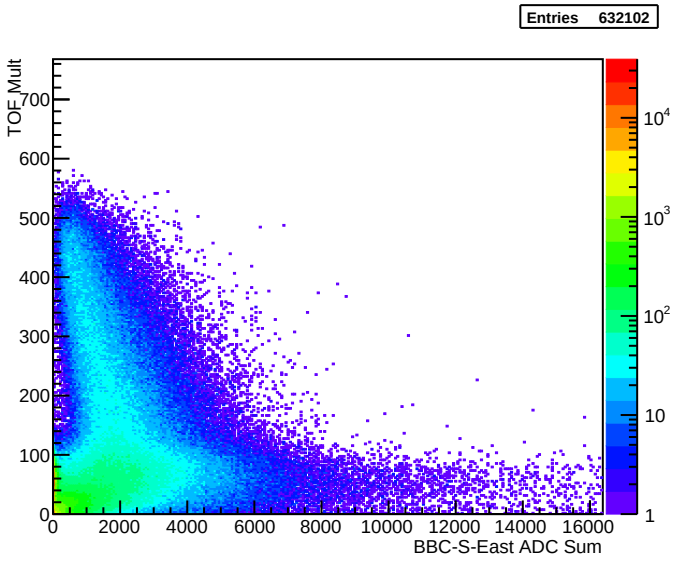

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

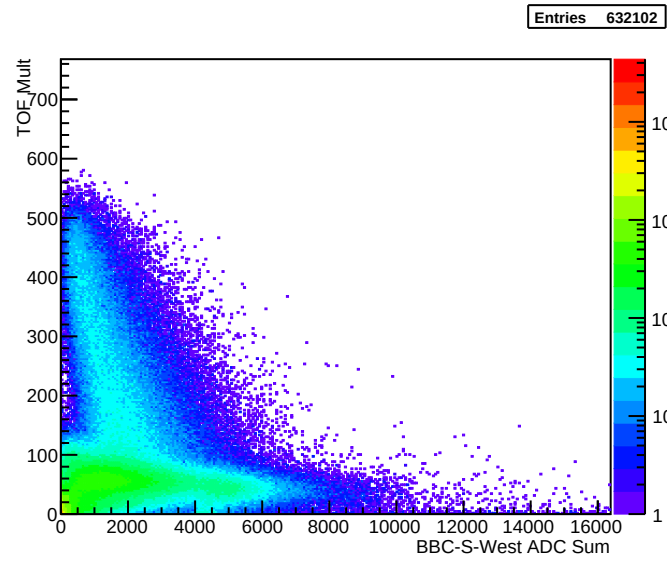

VT201 Input Ch4: VPD Tac Diff
Entries 632102
Tac

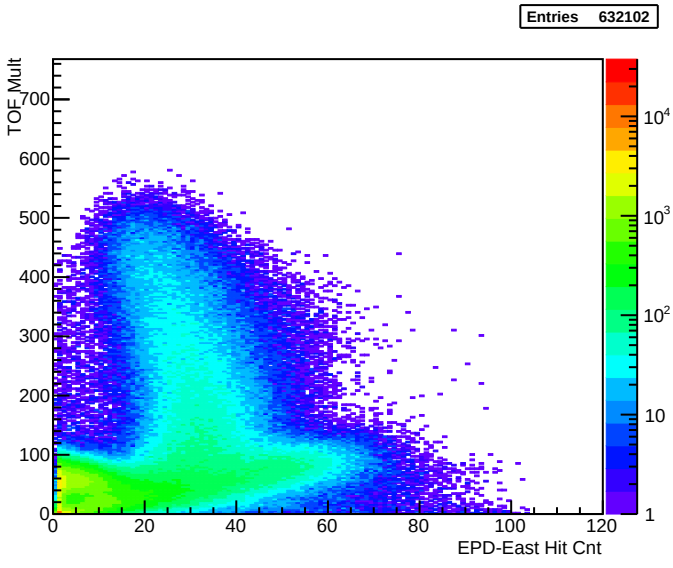

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

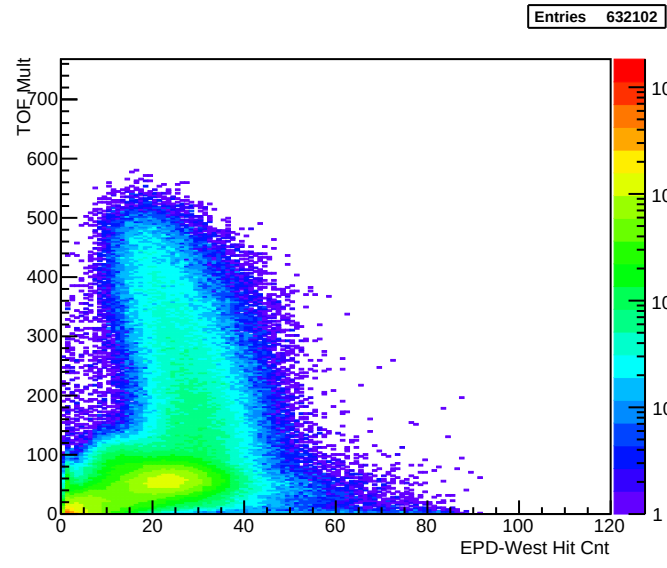

VT201 Input Ch4: VPD Adc Sum Th
Entries 1264204
309579
497502
322523
134600
East
West

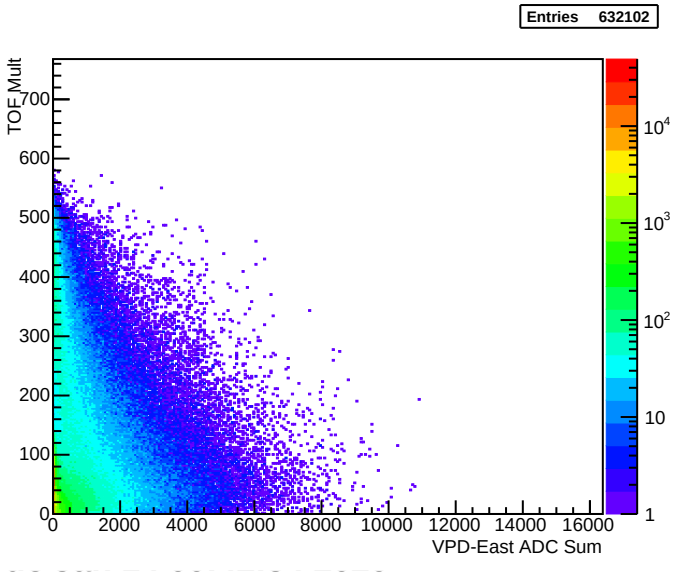

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

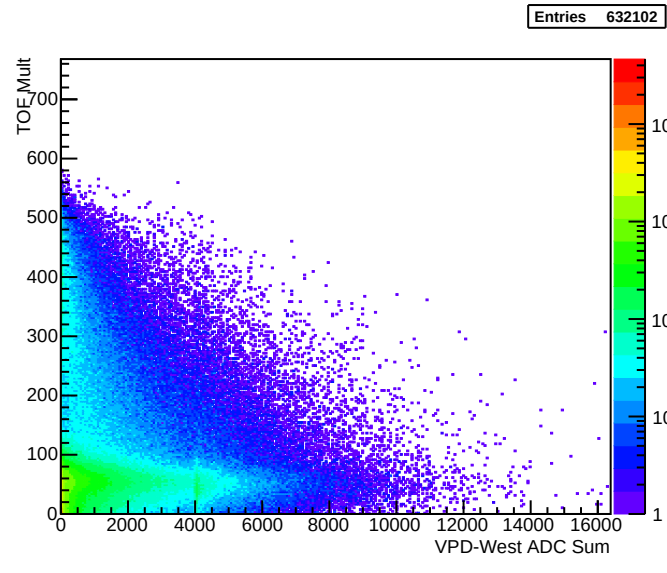

Entries 632102
TOF_Mult
BBC-S-East ADC Sum

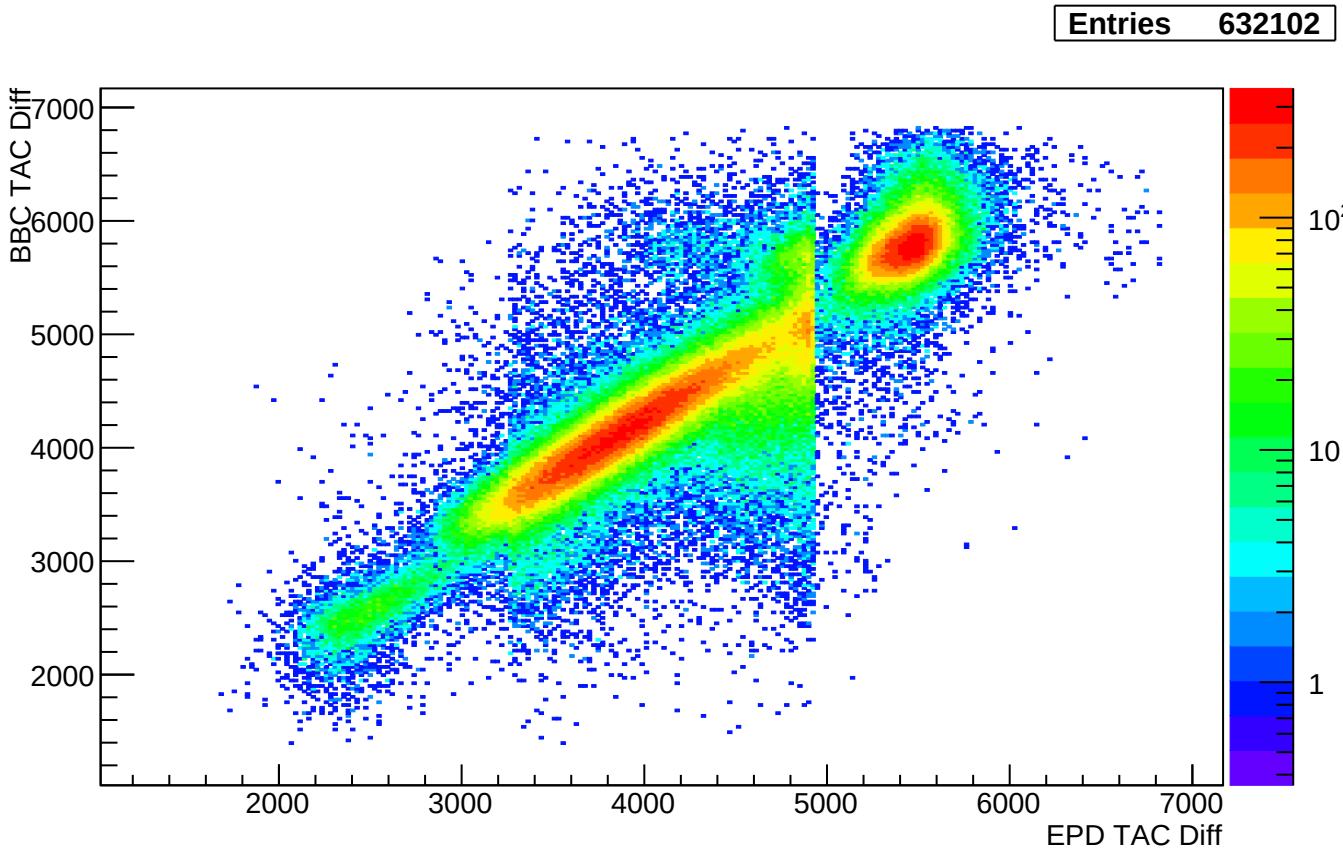

Entries 632102
TOF_Mult
BBC-S-West ADC Sum

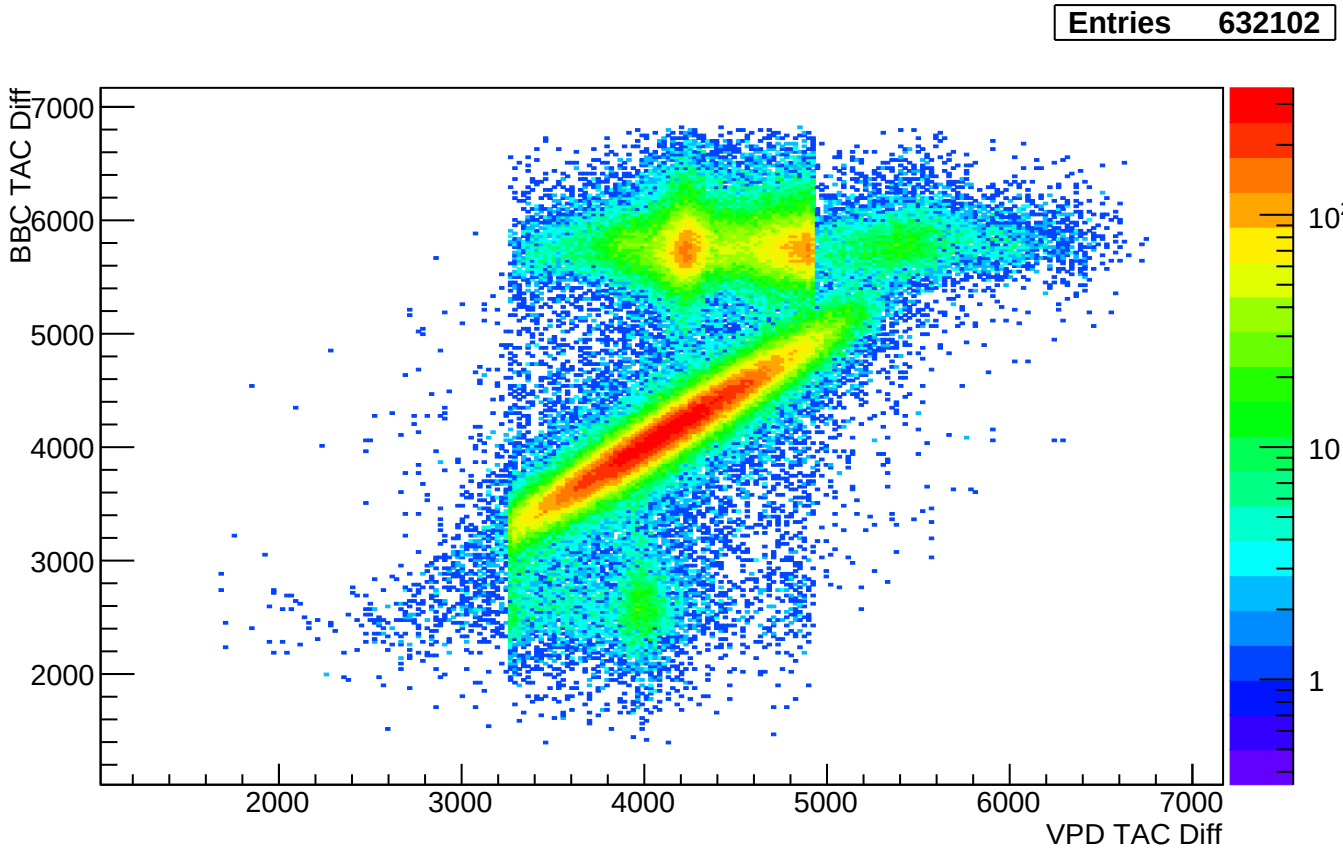

Entries 632102
TOF_Mult
EPD-East Hit Cnt

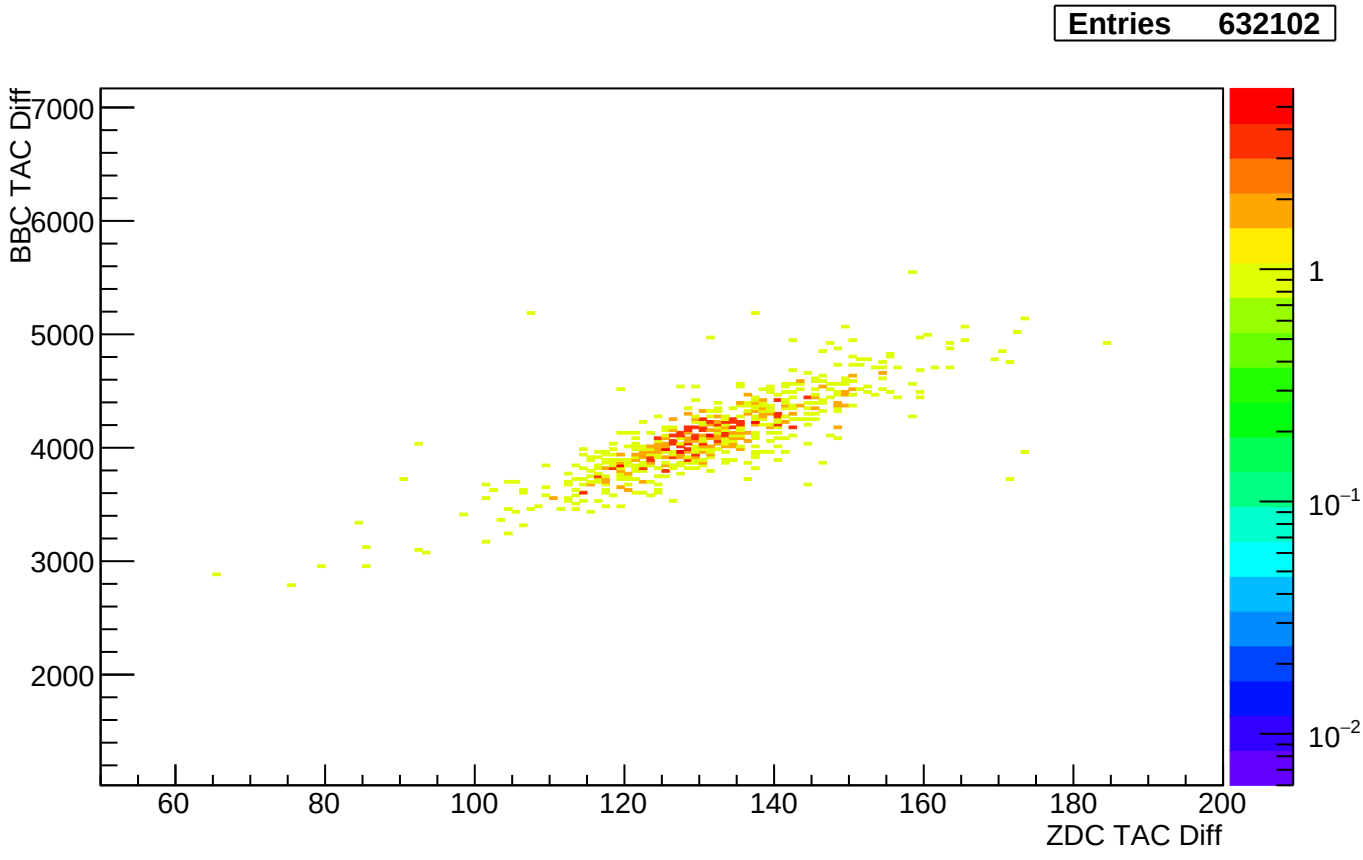

Entries 632102
TOF_Mult
EPD-West Hit Cnt

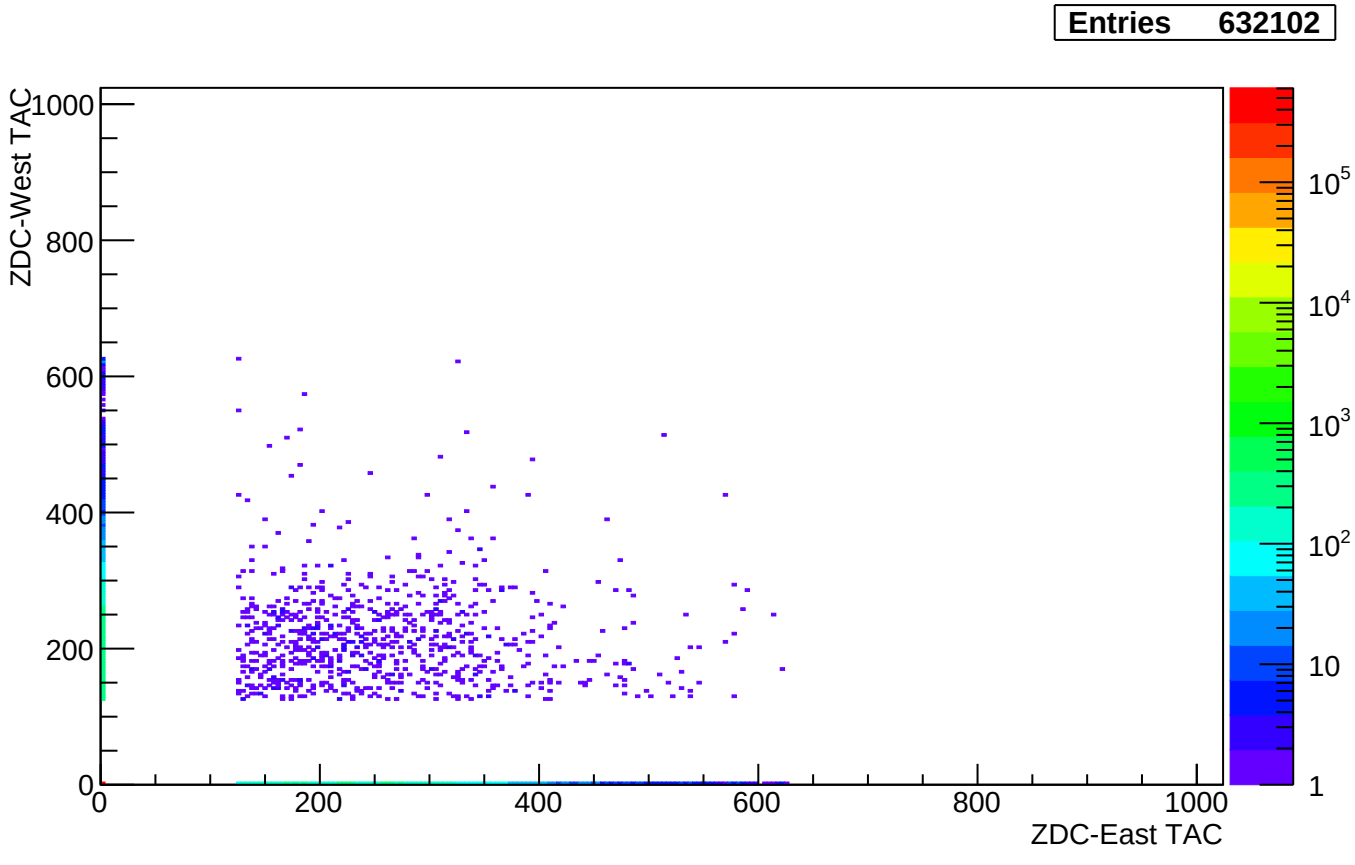

Entries 632102
TOF_Mult
VPD-East ADC Sum

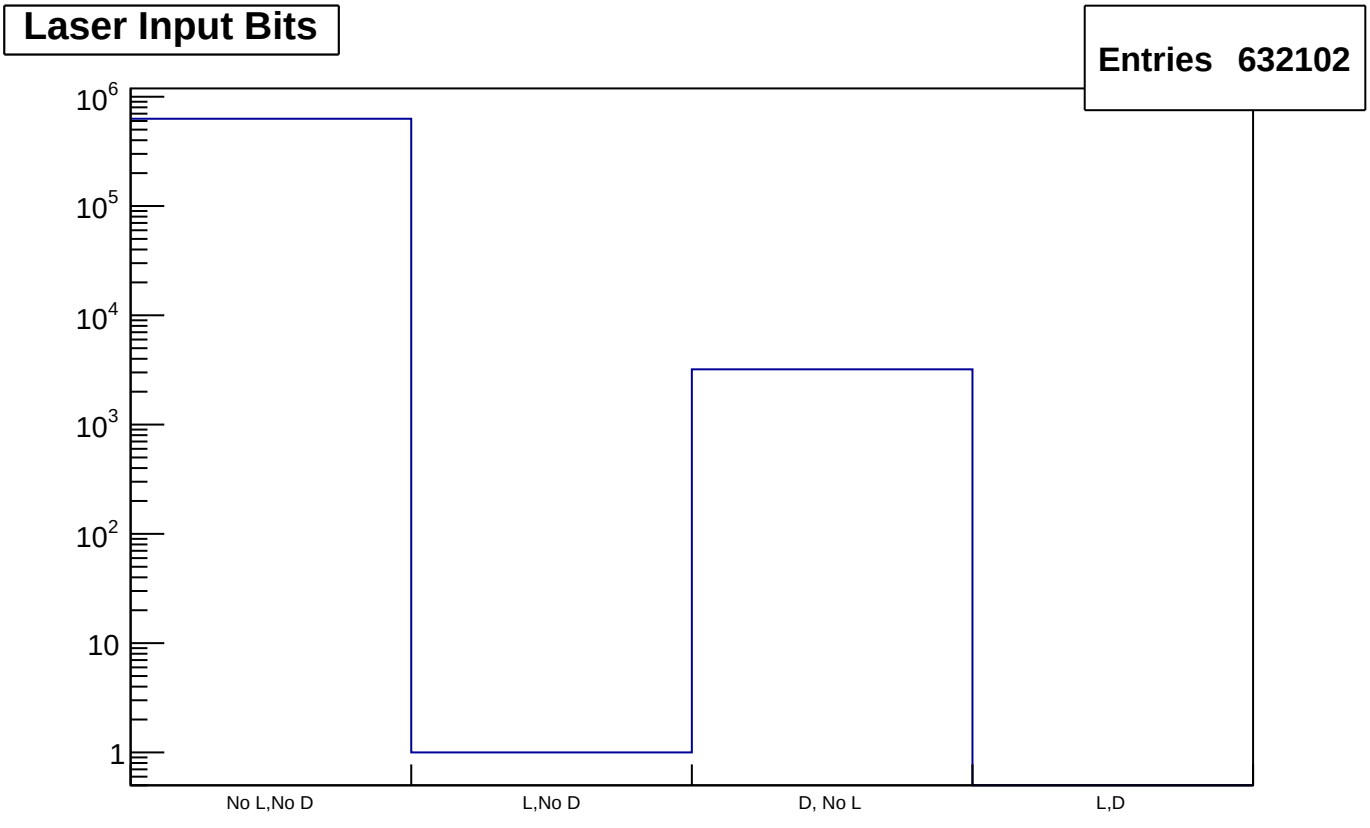

Entries 632102
TOF_Mult
VPD-West ADC Sum

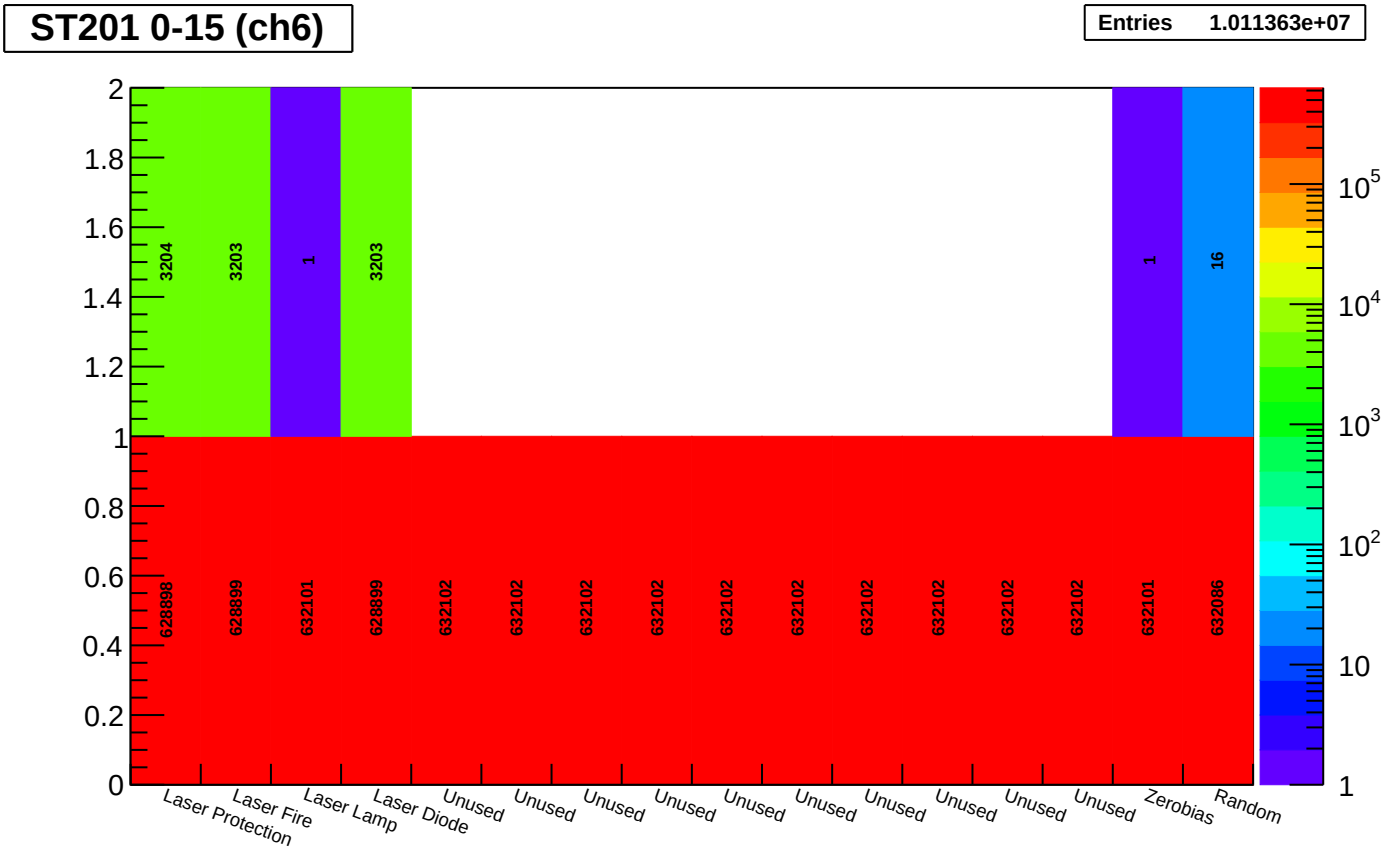

Entries 632102
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

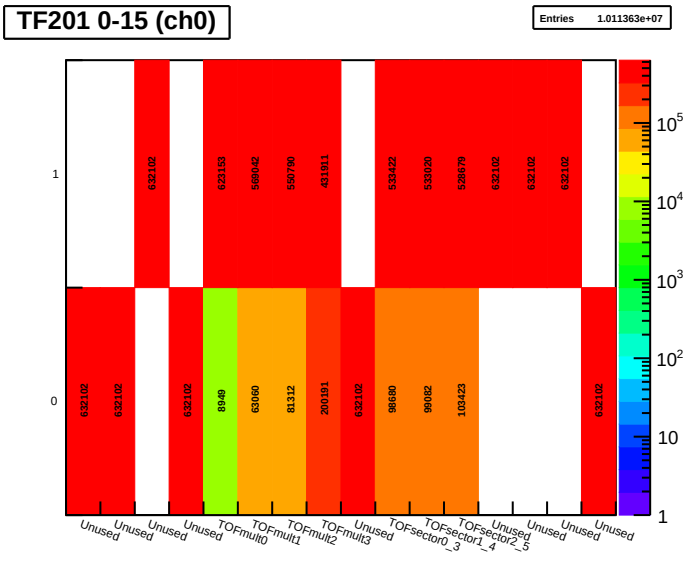

Entries 632102
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

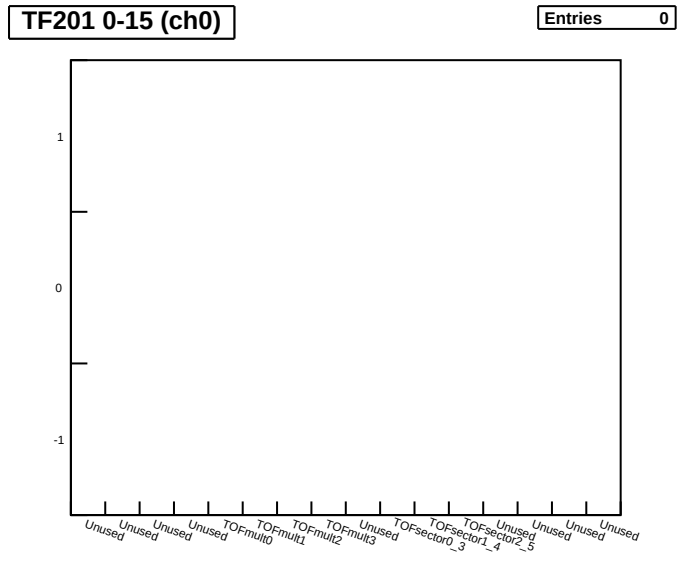

Entries 632102
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

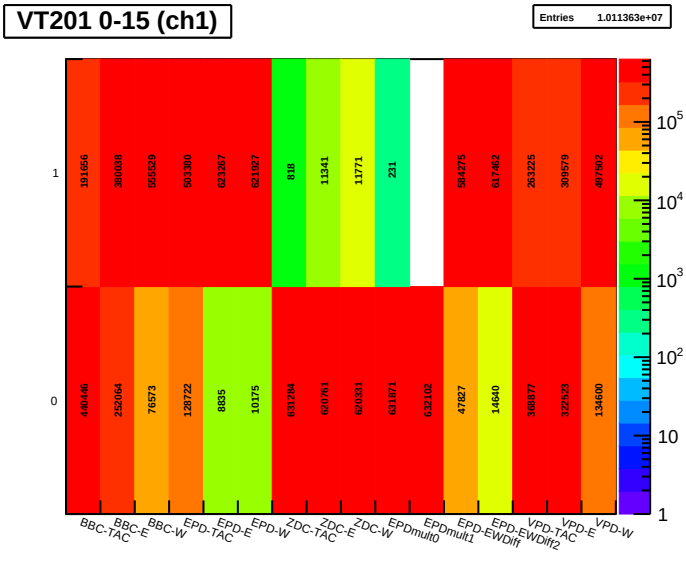

Entries 632102
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

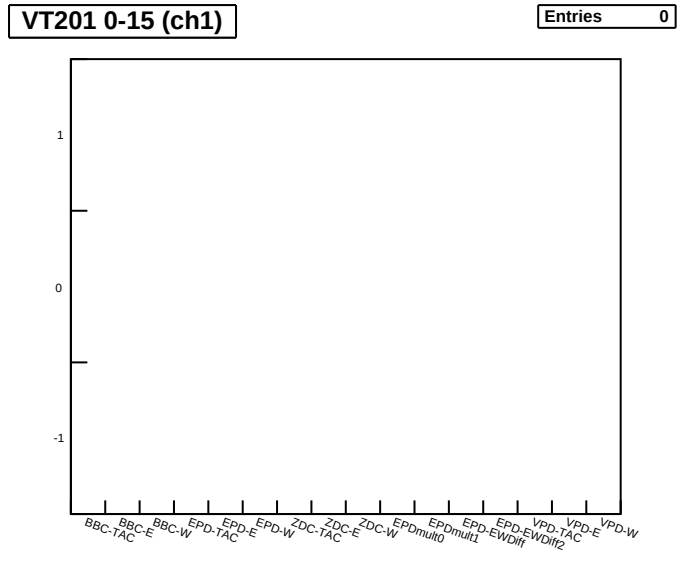

Laser Input Bits
Entries 632102
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

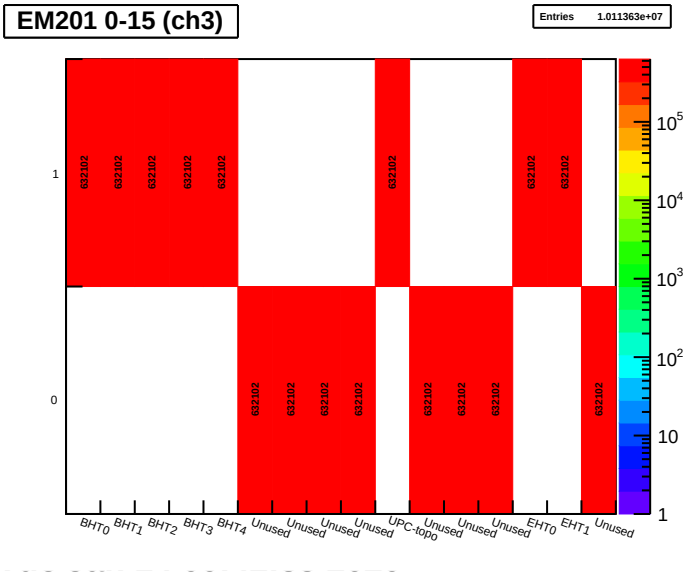

ST201 0-15 (ch6)
Entries 1.011363e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3204
3203
1
3203
1
16
628898
628899
632101
628899
632102
632102
632102
632102
632102
632102
632102
632102
632102
632102
632101
632086
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

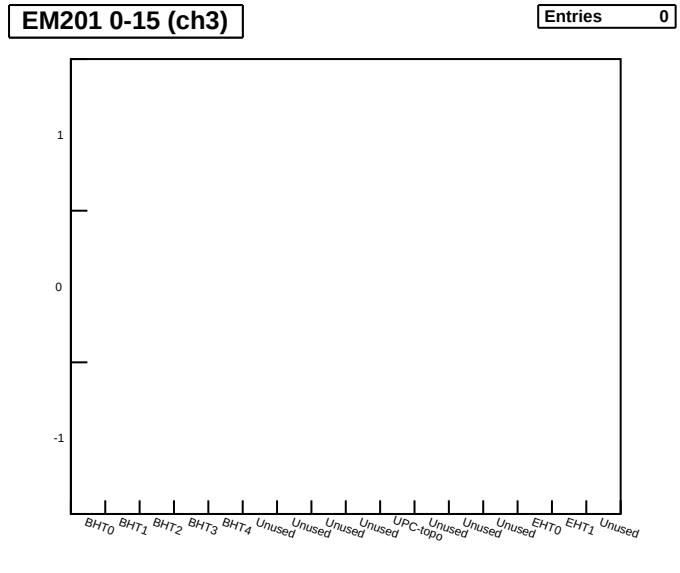

TF201 0-15 (ch0)
Entries 1.011363e+07
632102 623153 569042 550790 431911 533422 533020 528679 632102 632102 632102
632102 632102 632102 8949 63060 81312 200191 632102 96680 99082 103423 632102
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 1.011363e+07
191656 380038 555529 503380 623367 621927 818 11341 11771 231 584275 617452 263225 309579 497502
440446 252064 76573 128722 8835 10175 631284 620761 620331 631871 632102 47827 14640 368877 322523 134600
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


VT201 0-15 (ch1)
Entries 0
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 1.011363e+07
632102 632102 632102 632102 632102 632102 632102 632102
632102 632102 632102 632102 632102 632102 632102 632102
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


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