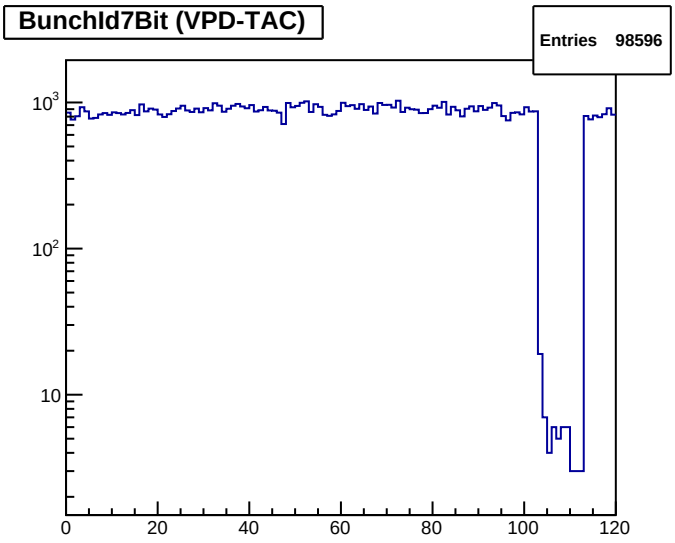
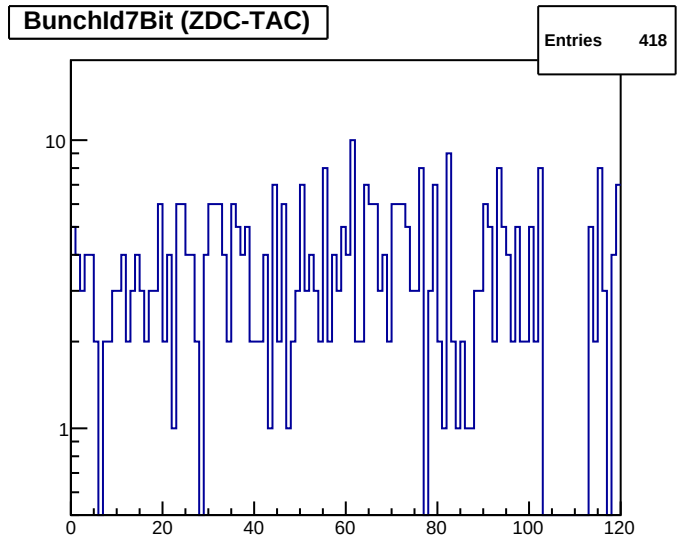
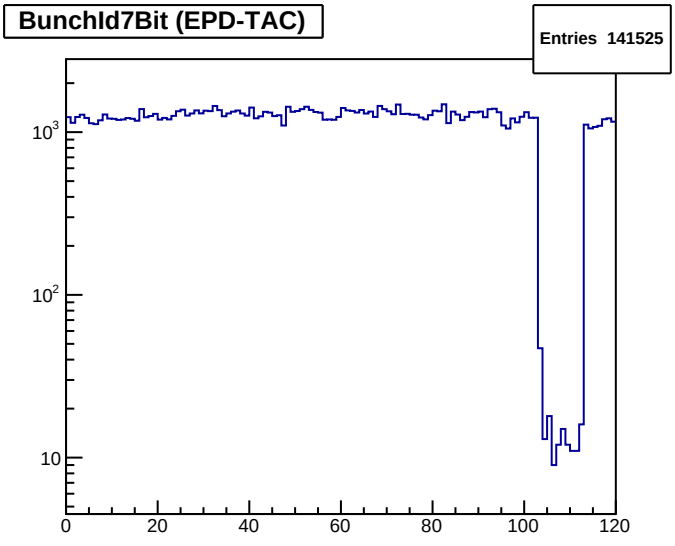
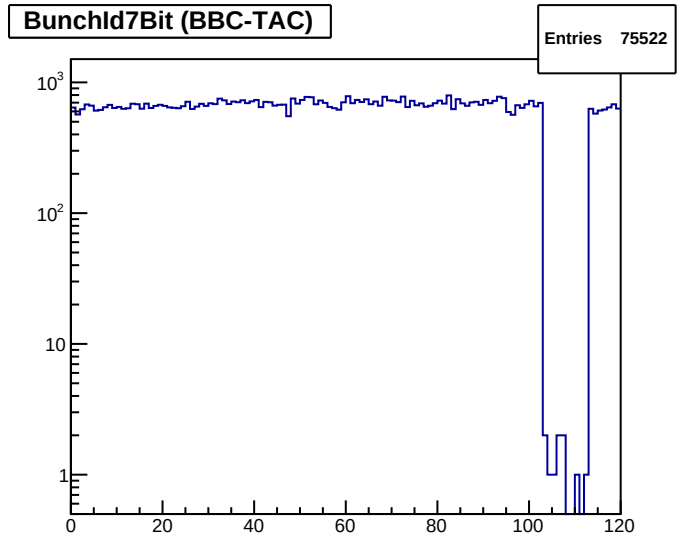
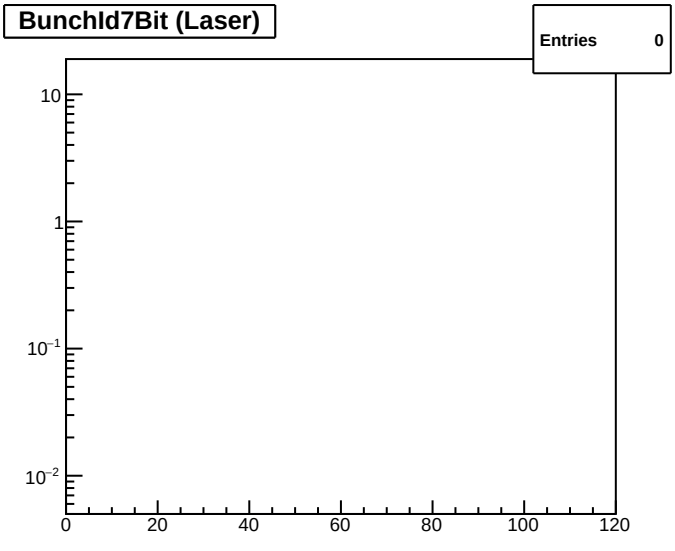
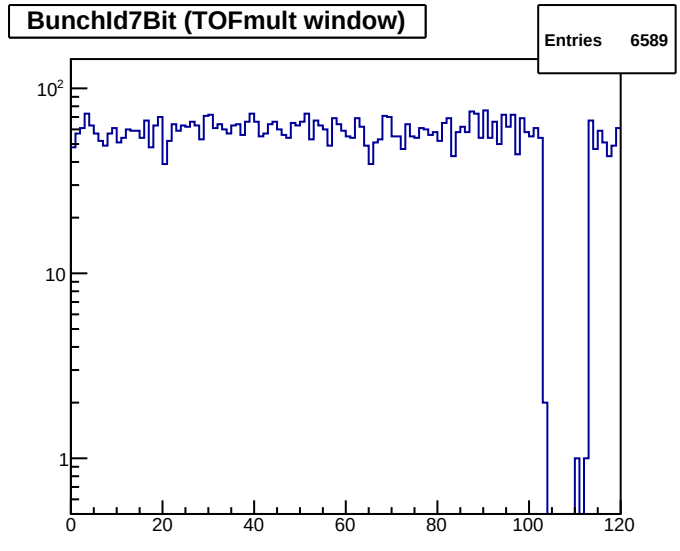

BunchId7Bit (VPD-TAC)
Entries 98596

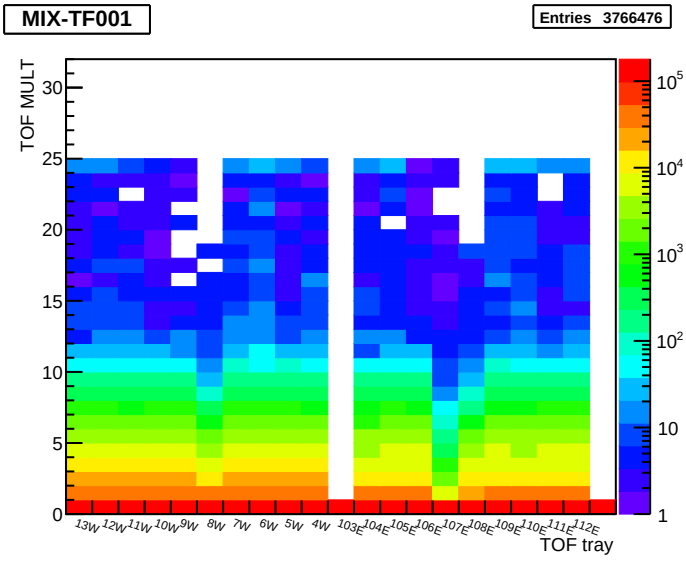

BunchId7Bit (ZDC-TAC)
Entries 418

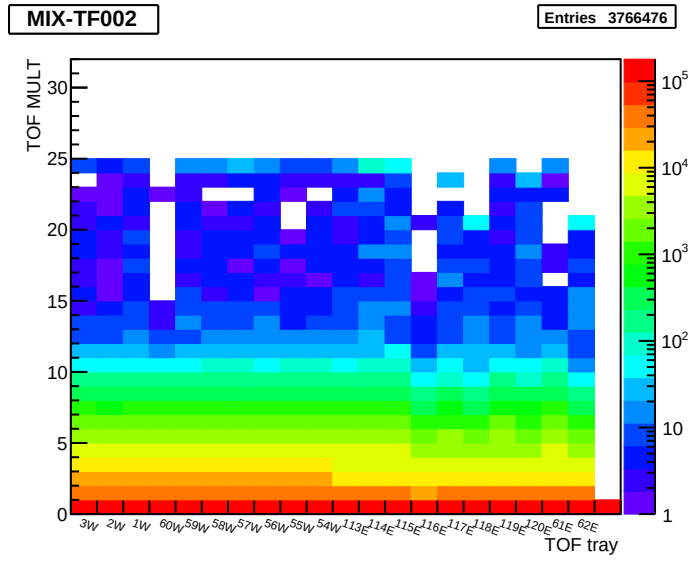

BunchId7Bit (EPD-TAC)
Entries 141525

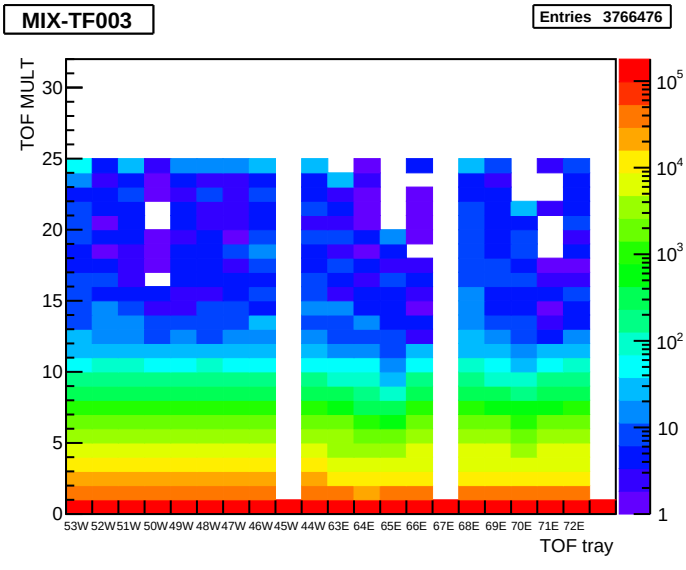

BunchId7Bit (BBC-TAC)
Entries 75522

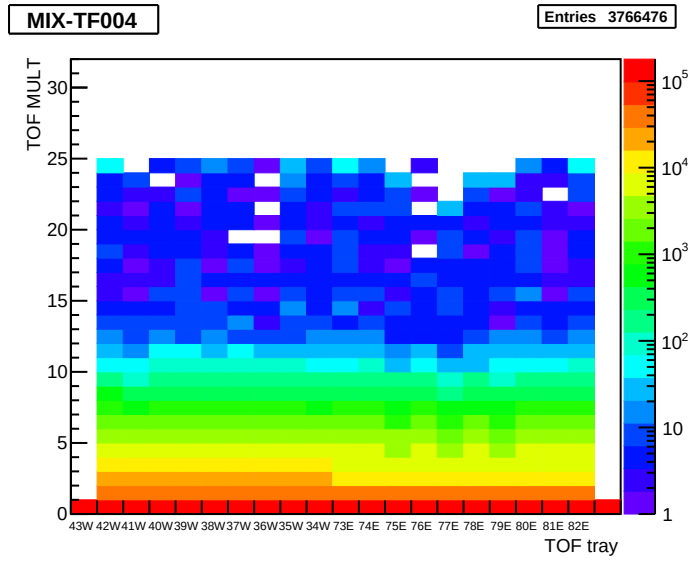

BunchId7Bit (Laser)
Entries 0

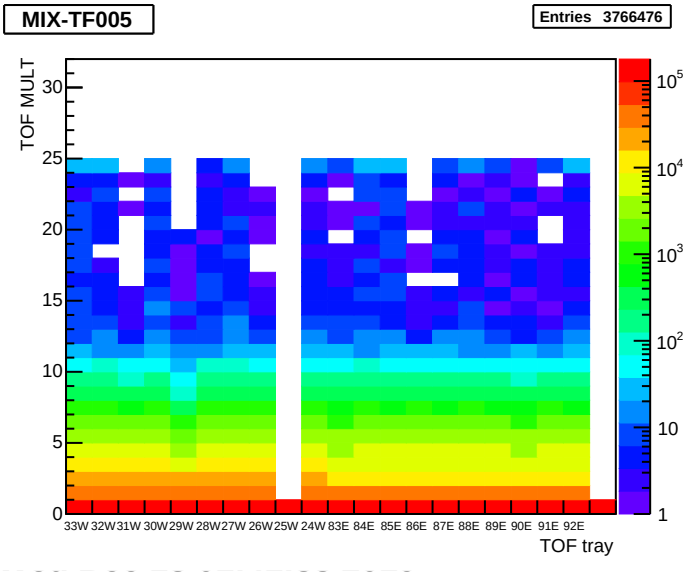

BunchId7Bit (TOFmult window)
Entries 6589

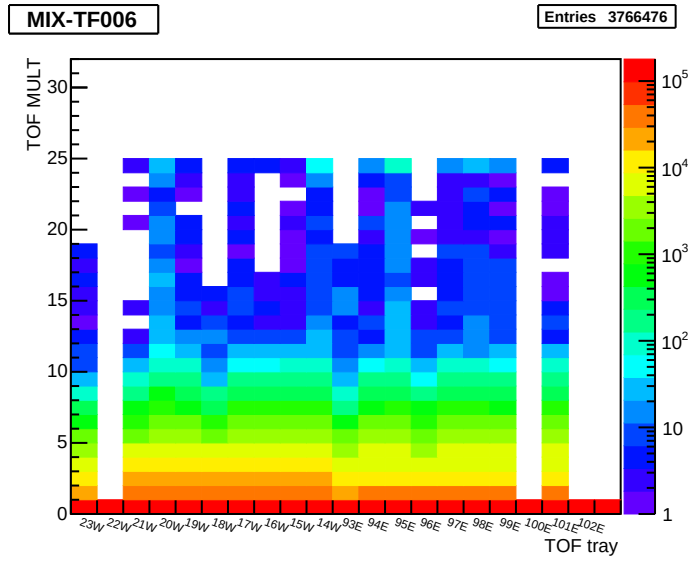

MIX-TF001
Entries 3766476
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

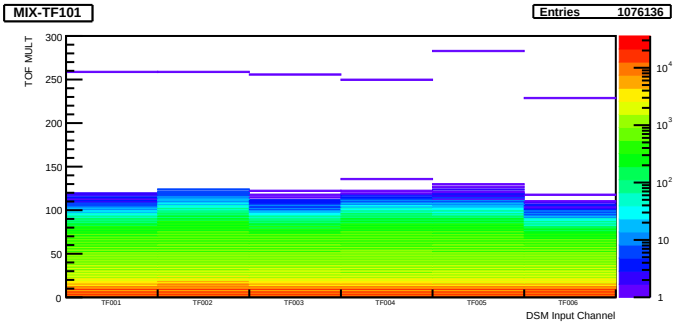

MIX-TF002
Entries 3766476
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

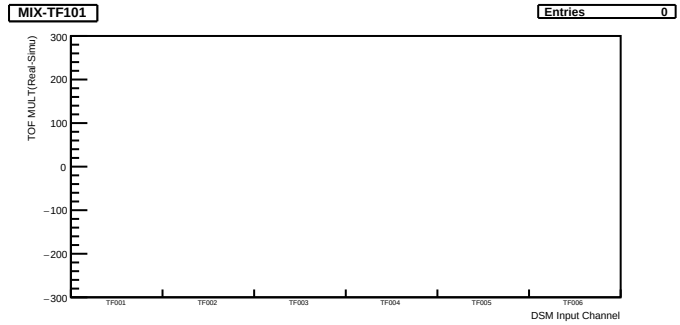

MIX-TF003
Entries 3766476
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

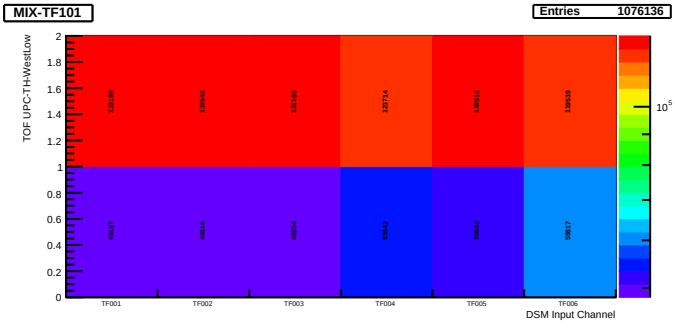

MIX-TF004
Entries 3766476
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

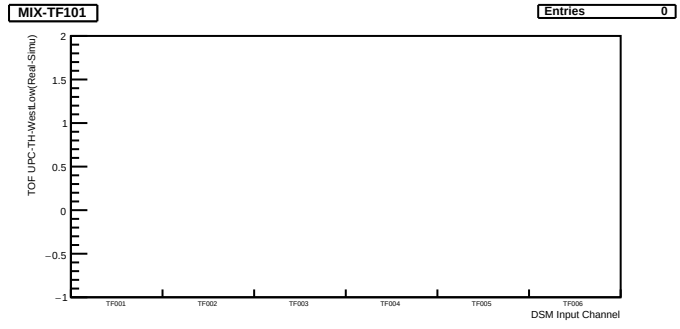

MIX-TF005
Entries 3766476
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

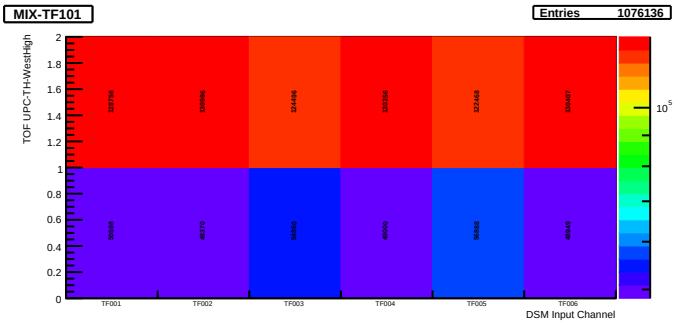

MIX-TF006
Entries 3766476
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

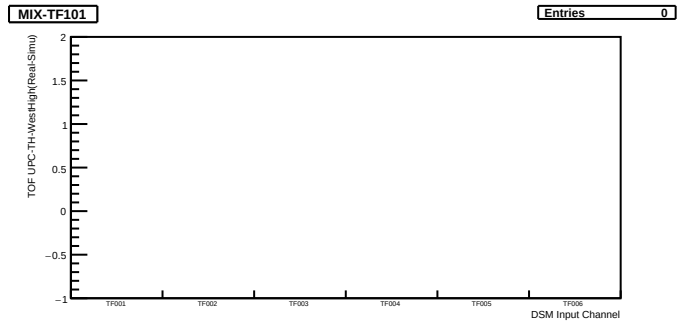

MIX-TF101
Entries 1076136
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

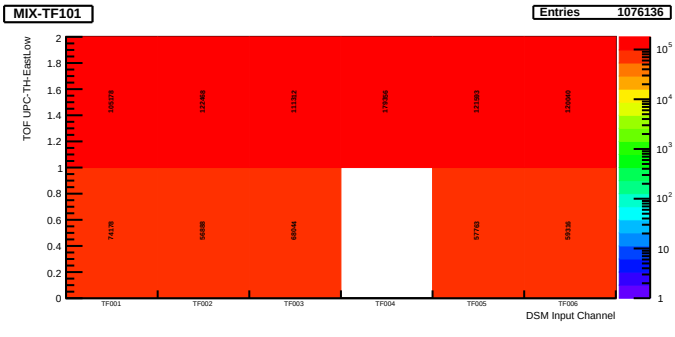

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

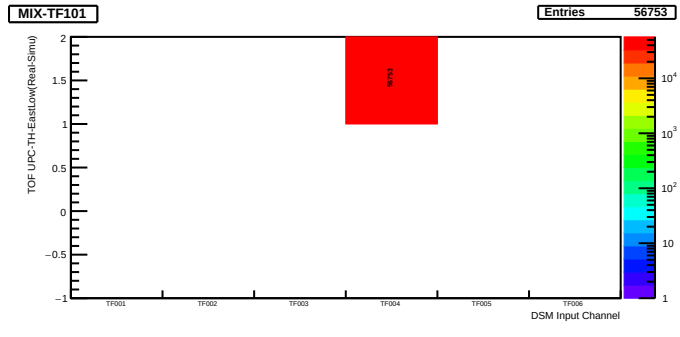

MIX-TF101
Entries 1076136
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

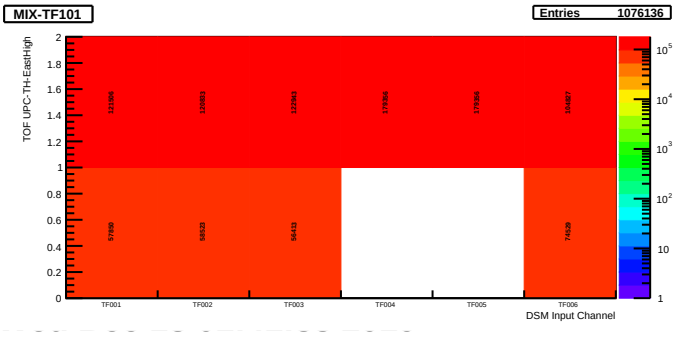

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

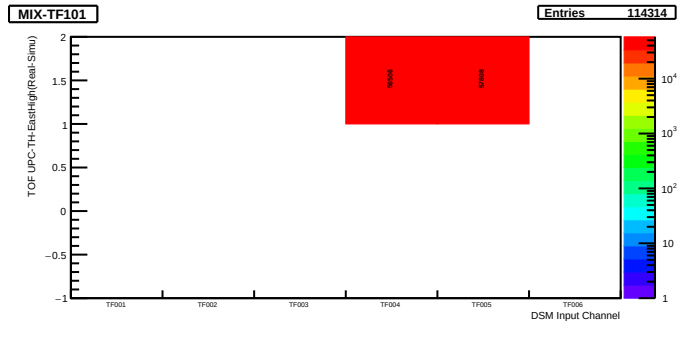

MIX-TF101
Entries 1076136
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

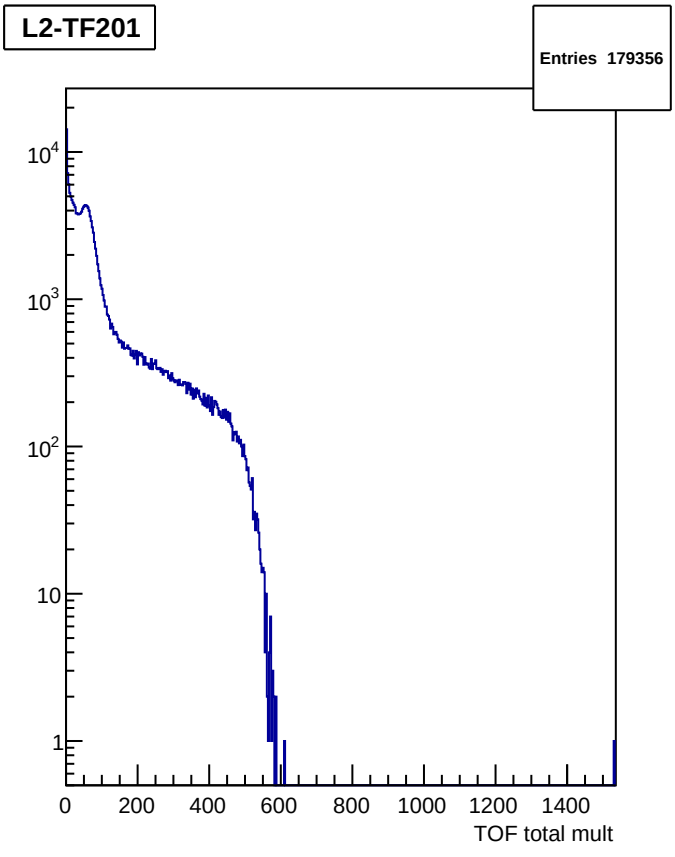

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

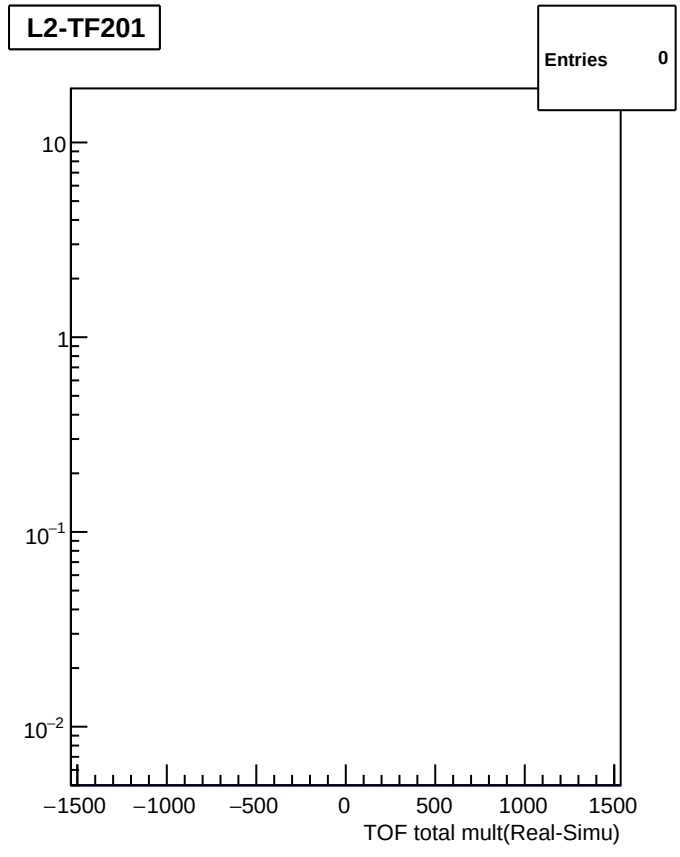

MIX-TF101
Entries 1076136
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

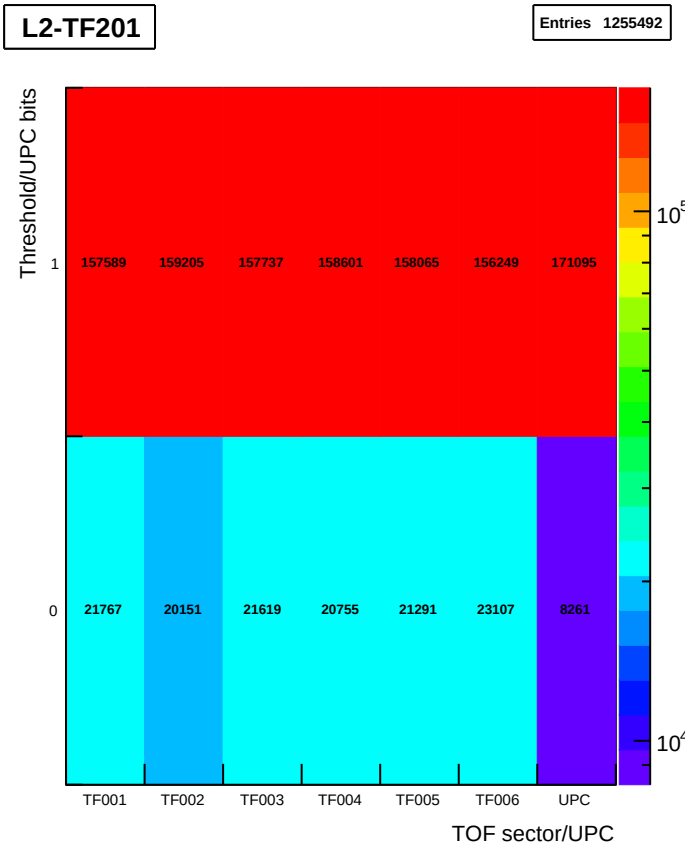

MIX-TF101
Entries 56753
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

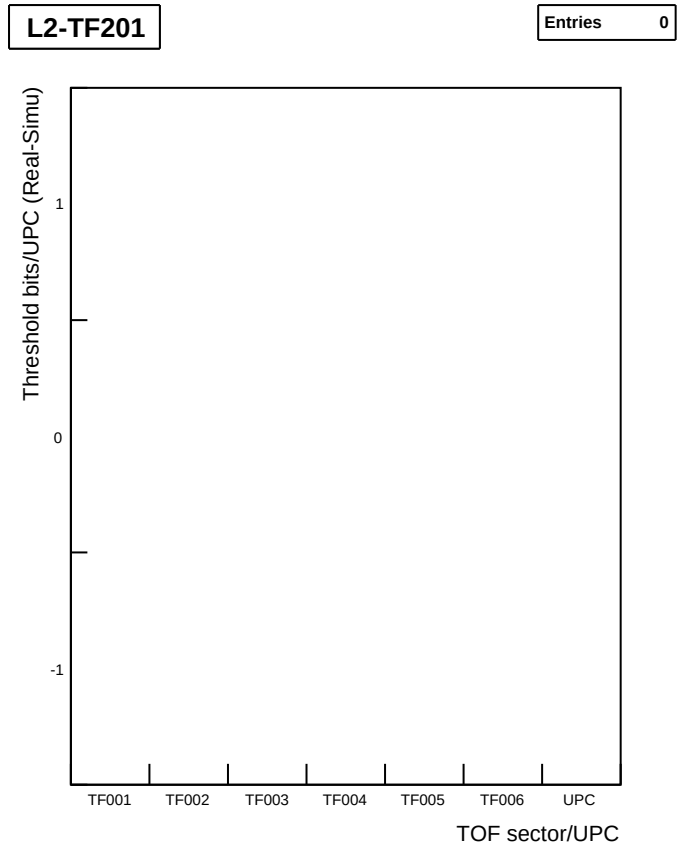

MIX-TF101
Entries 1076136
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

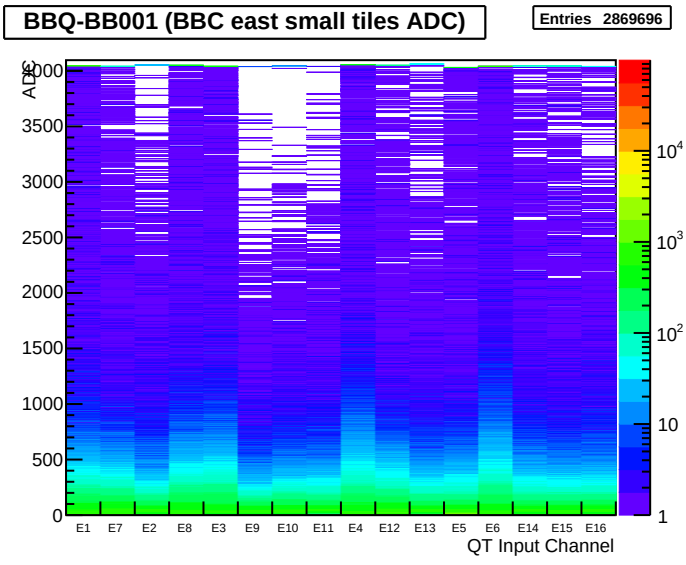

MIX-TF101
Entries 114314
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

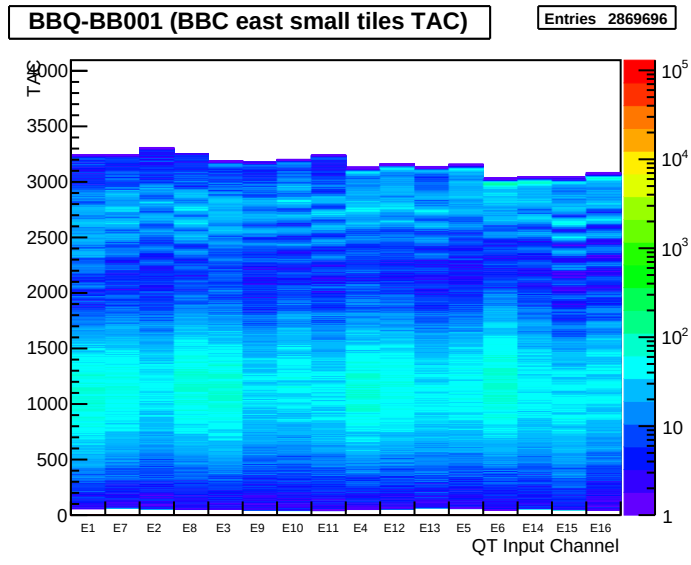

L2-TF201
Entries 179356
TOF total mult

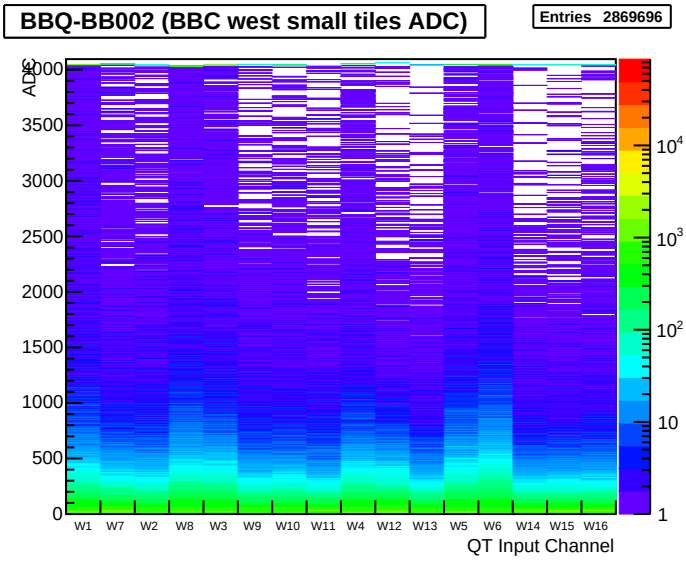

L2-TF201
Entries 0
TOF total mult(Real-Simu)

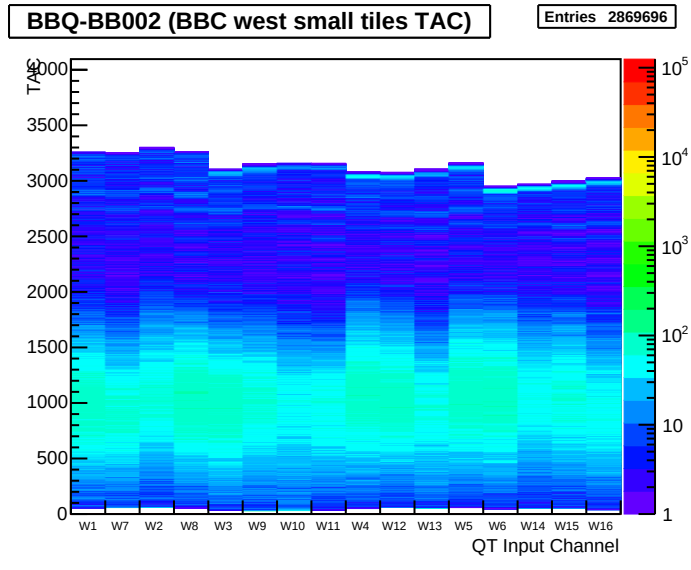

L2-TF201
Entries 1255492
Threshold/UPC bits
157589
159205
157737
158601
158065
156249
171095
21767
20151
21619
20755
21291
23107
8261
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

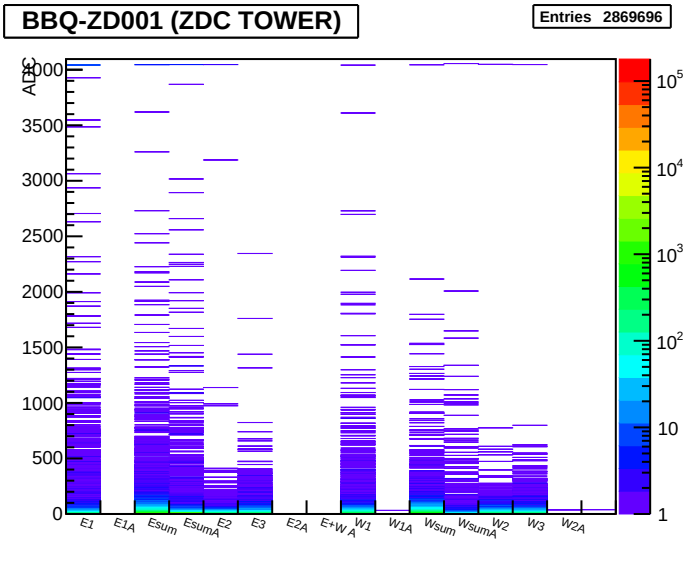

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

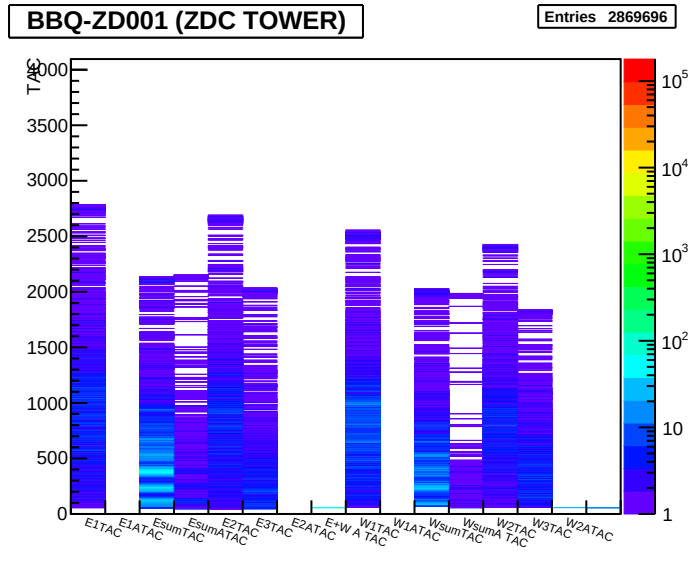

BBQ-BB001 (BBC east small tiles ADC)
Entries 2869696
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

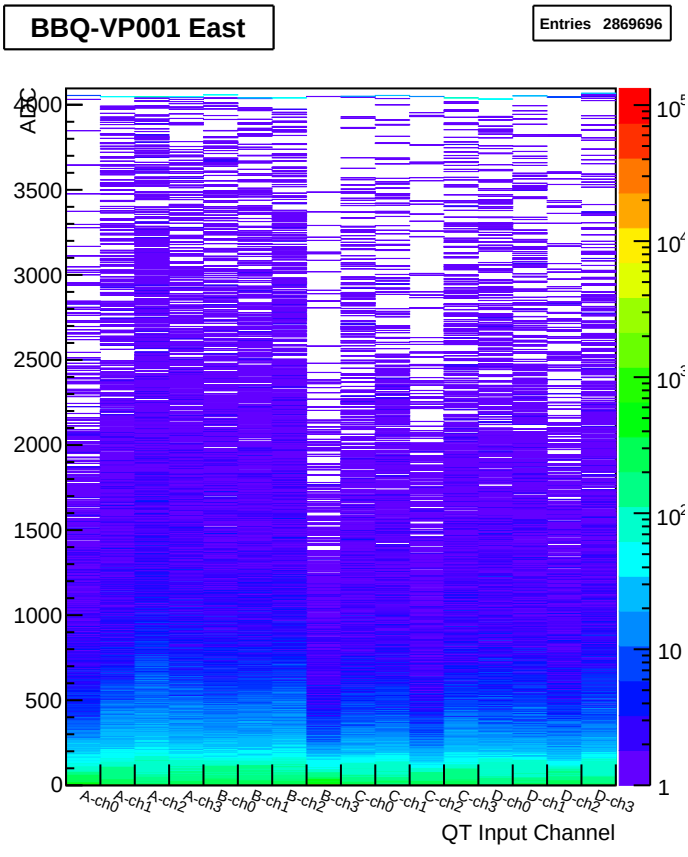

BBQ-BB001 (BBC east small tiles TAC)
Entries 2869696
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

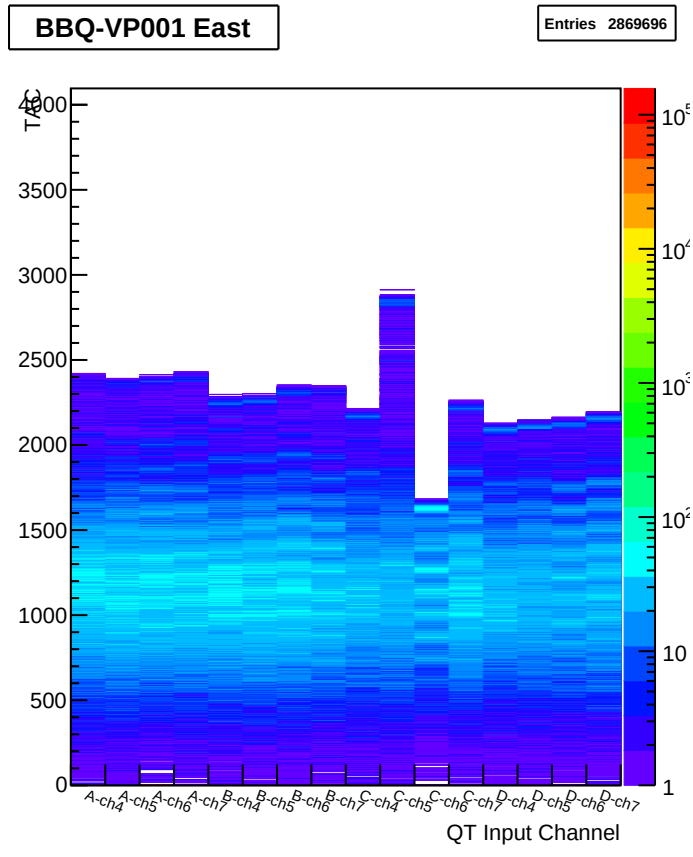

BBQ-BB002 (BBC west small tiles ADC)
Entries 2869696
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

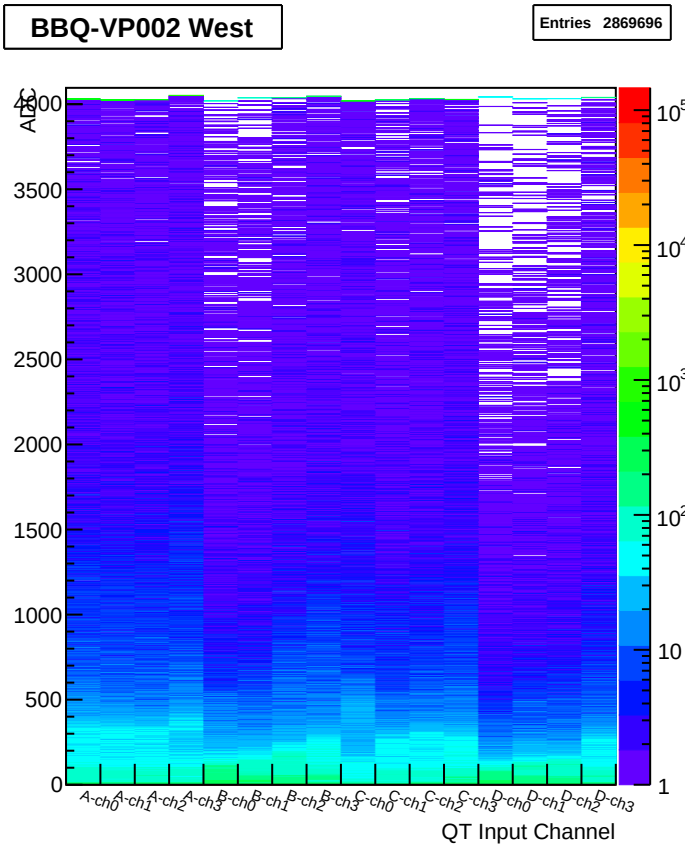

BBQ-BB002 (BBC west small tiles TAC)
Entries 2869696
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

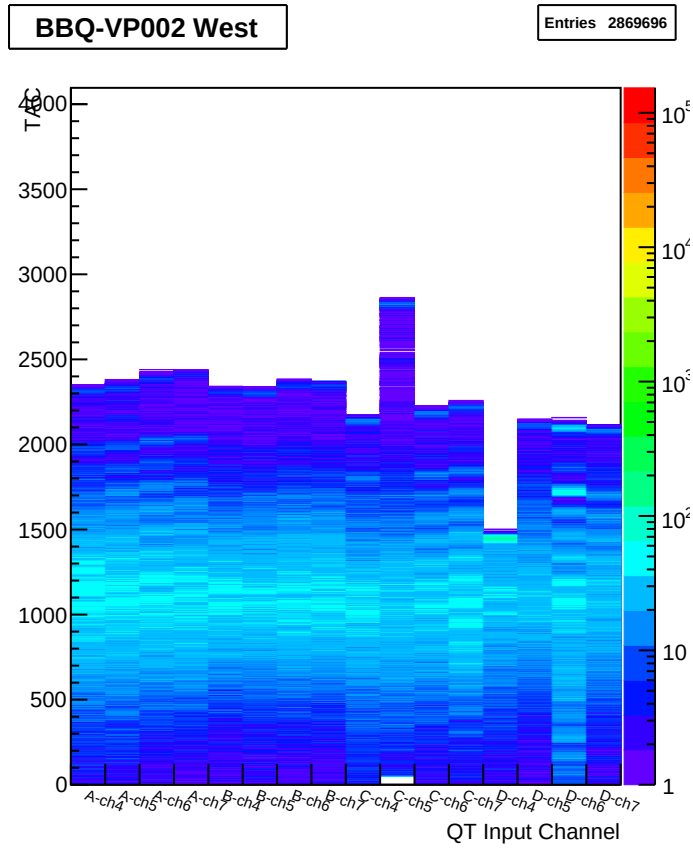

BBQ-ZD001 (ZDC TOWER)
Entries 2869696
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

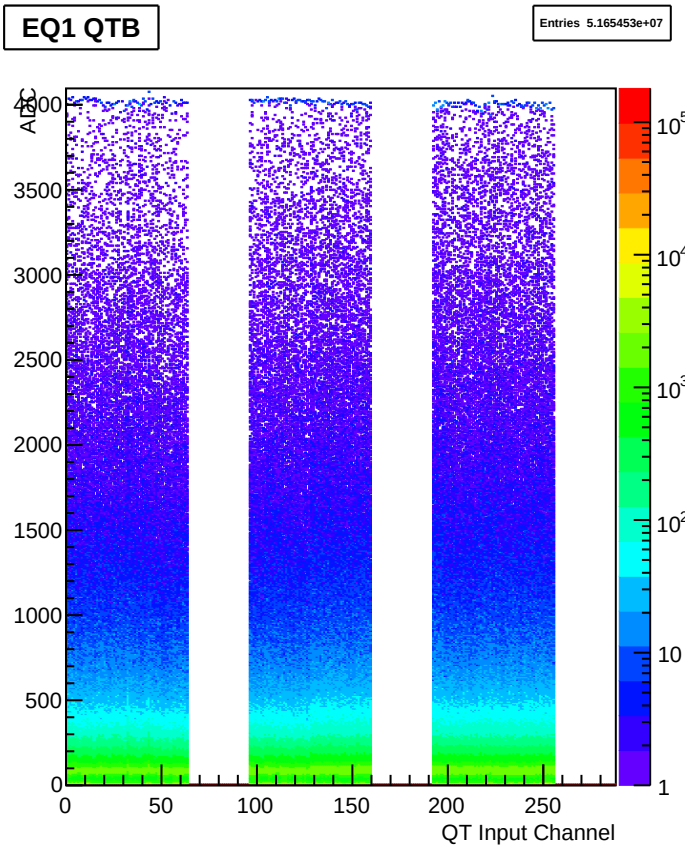

BBQ-ZD001 (ZDC TOWER)
Entries 2869696
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

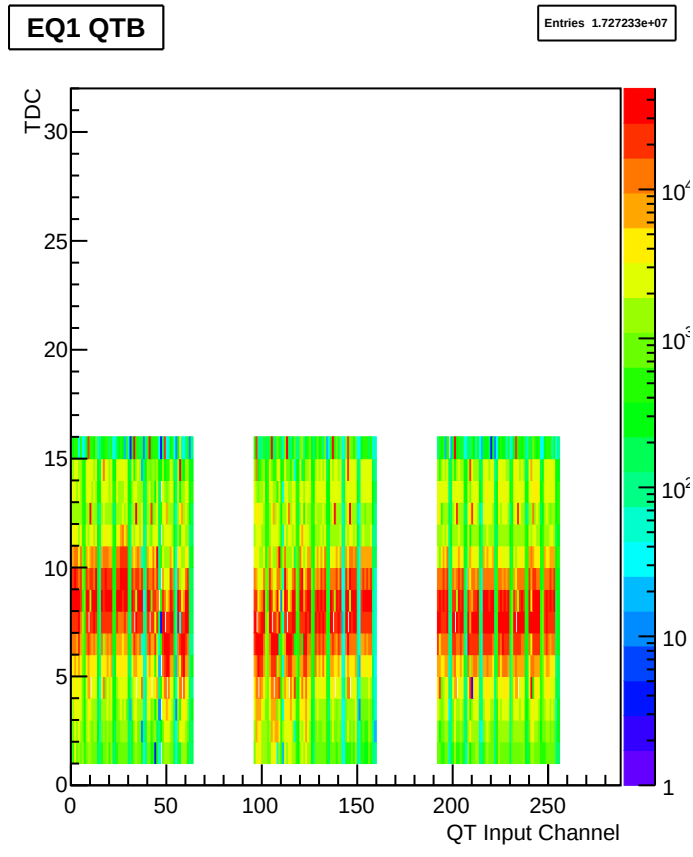

BBQ-VP001 East
Entries 2869696
ADC
QT Input Channel

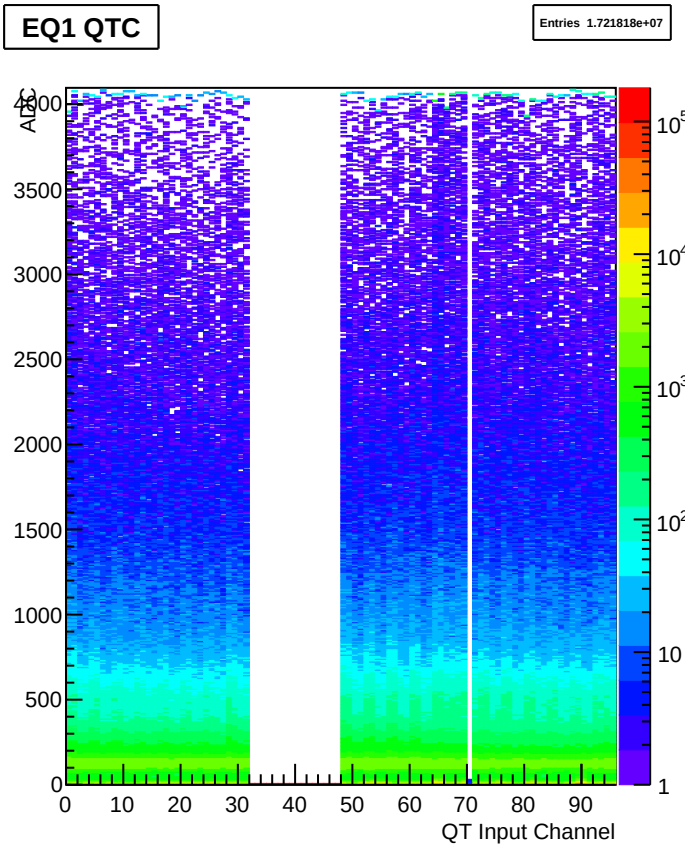

BBQ-VP001 East
Entries 2869696
TADC
QT Input Channel

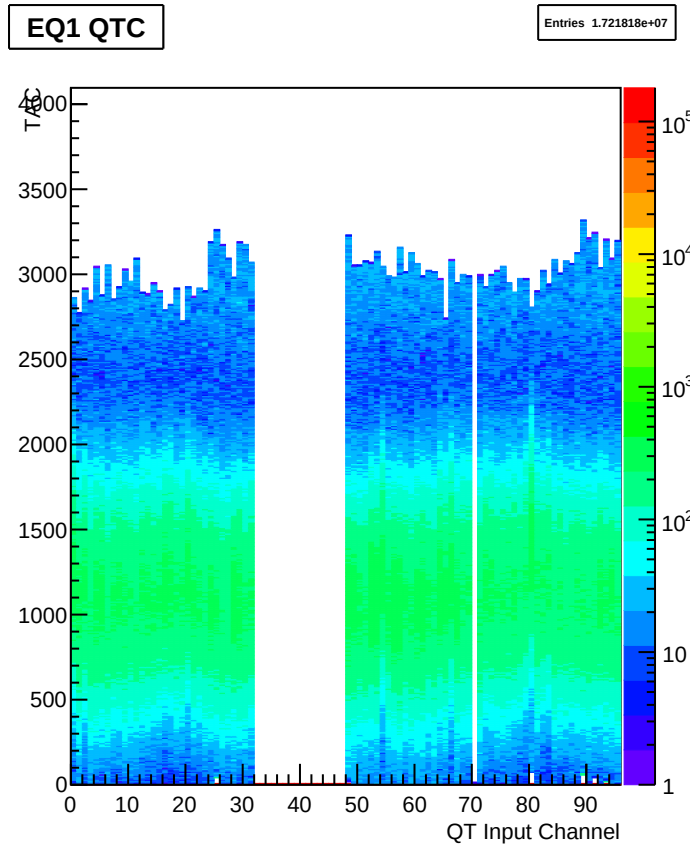

BBQ-VP002 West
Entries 2869696
ADC
QT Input Channel

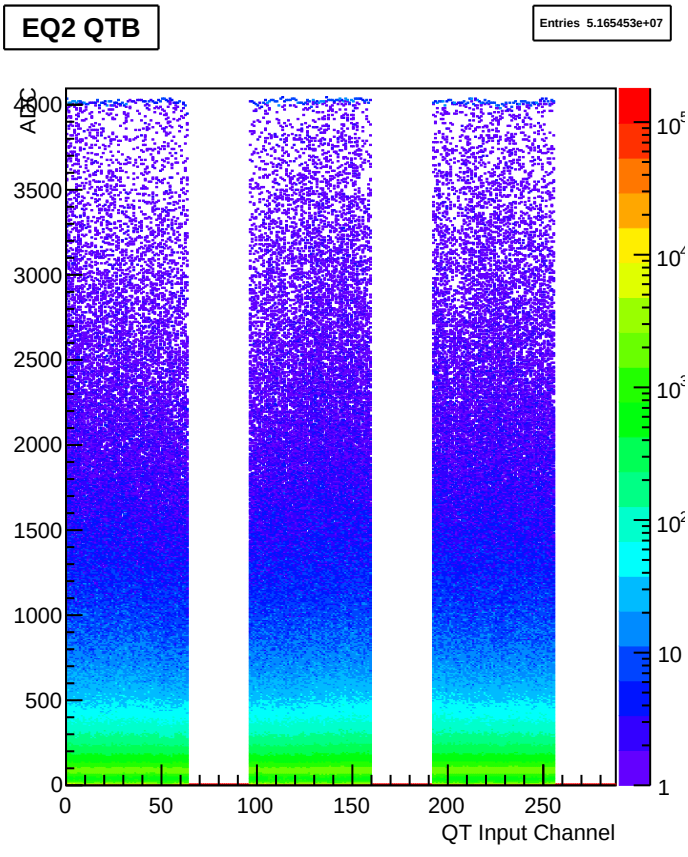

BBQ-VP002 West
Entries 2869696
TADC
QT Input Channel

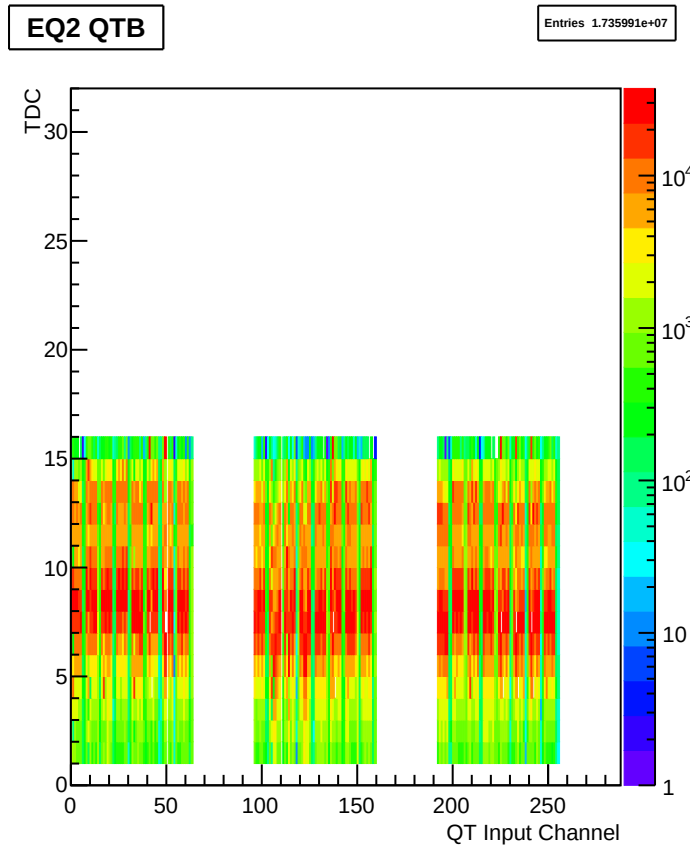

EQ1 QTB
Entries 5.165453e+07
ADC
QT Input Channel

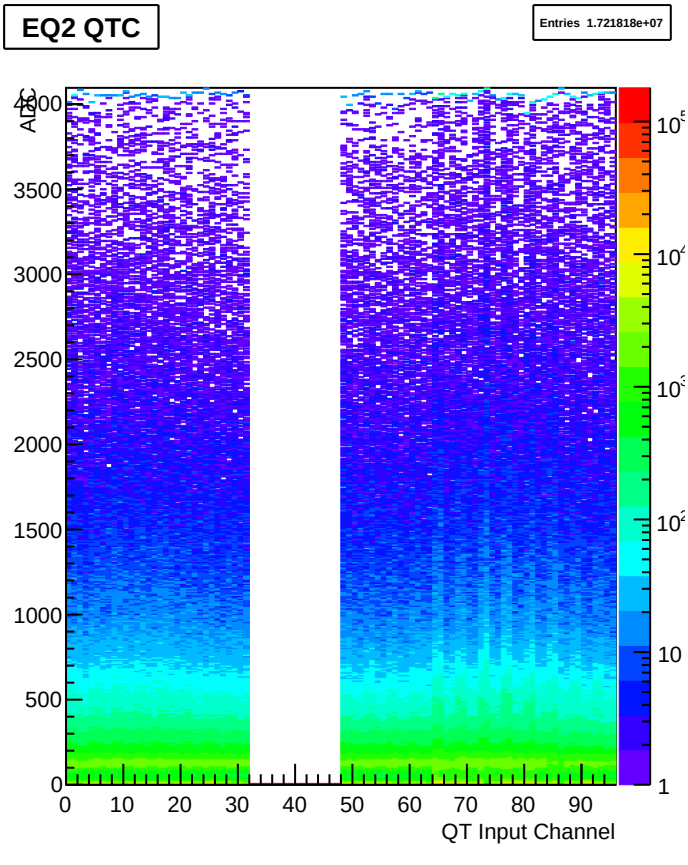

EQ1 QTB
Entries 1.727233e+07
TDC
QT Input Channel

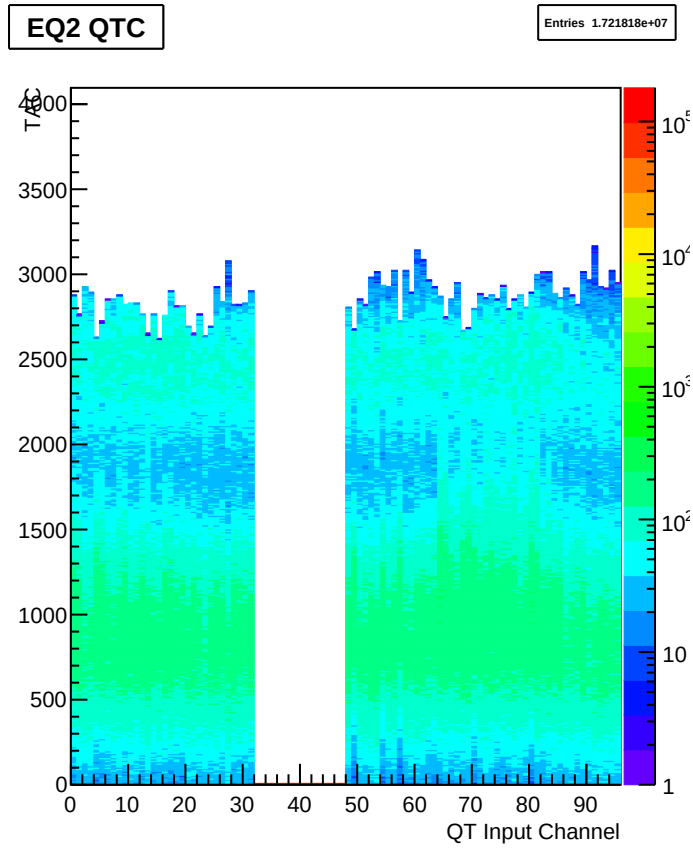

EQ1 QTC
Entries 1.721818e+07
ADC
QT Input Channel

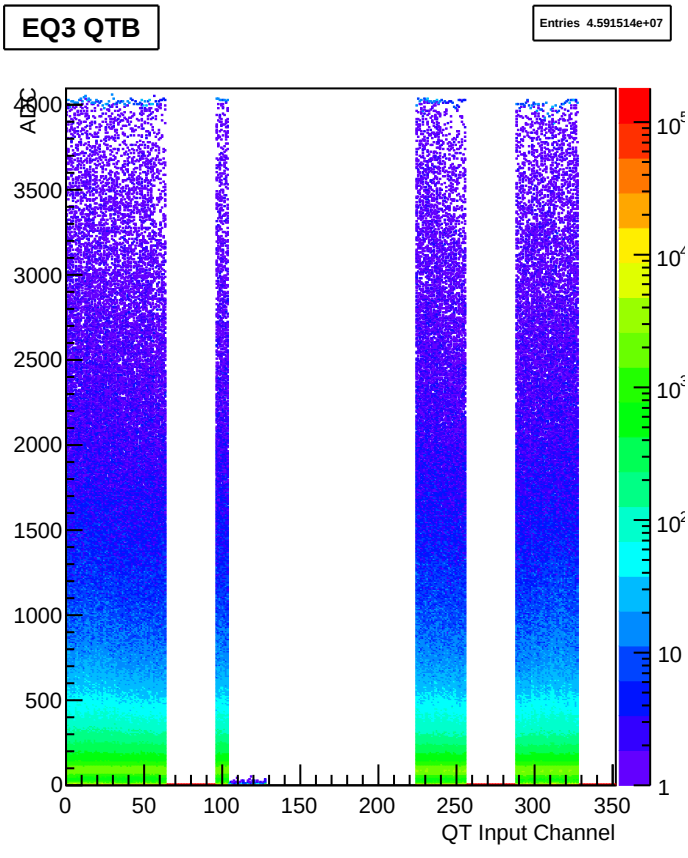

EQ1 QTC
Entries 1.721818e+07
TADC
QT Input Channel

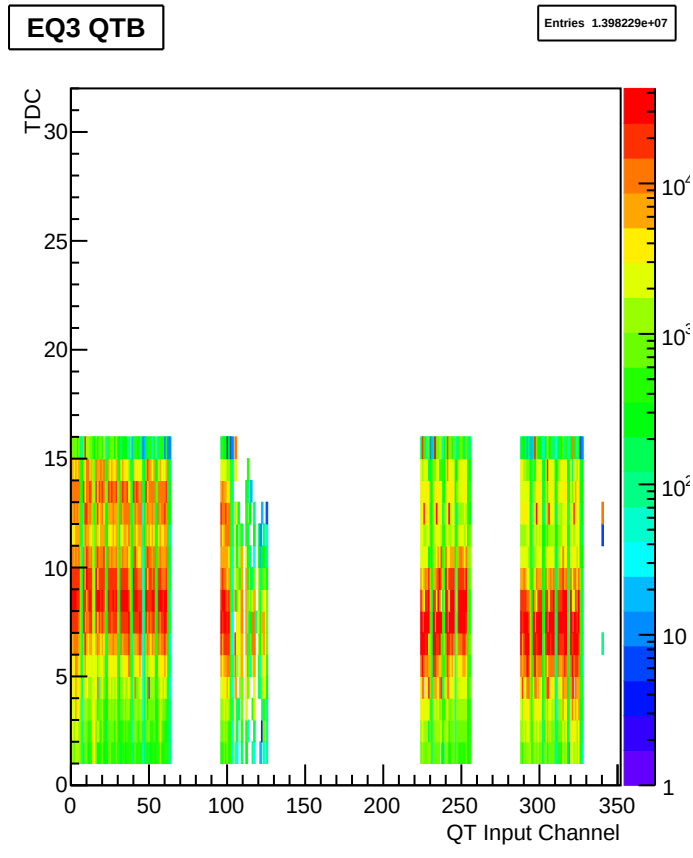

EQ2 QTB
Entries 5.165453e+07
ADC
QT Input Channel

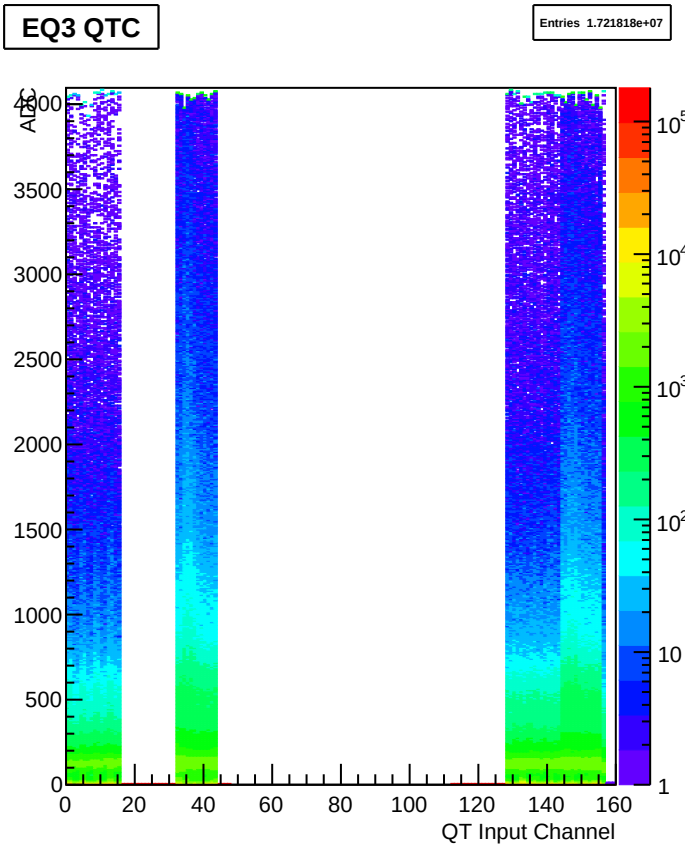

EQ2 QTB
Entries 1.735991e+07
TDC
QT Input Channel

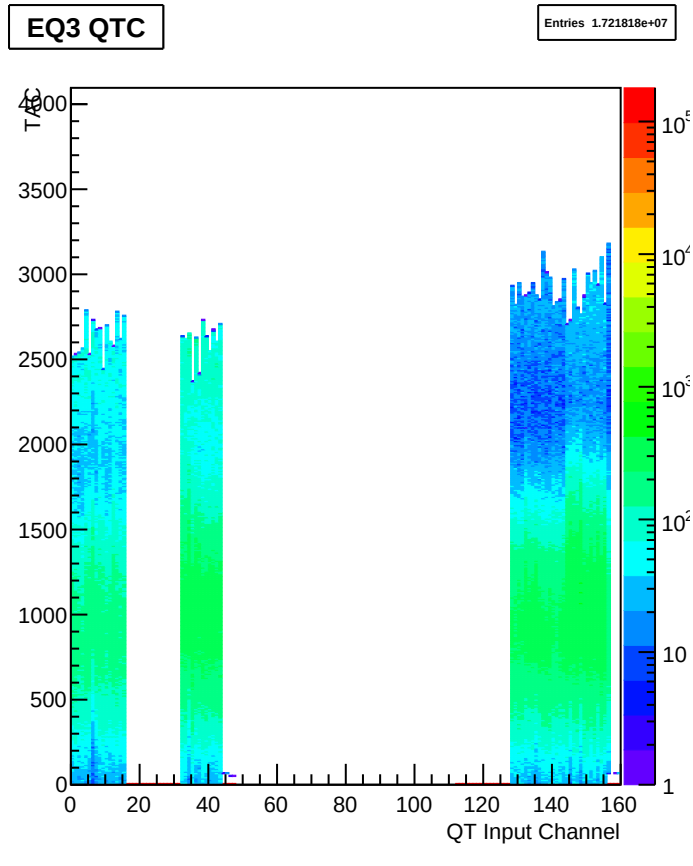

EQ2 QTC
Entries 1.721818e+07
ADC
QT Input Channel

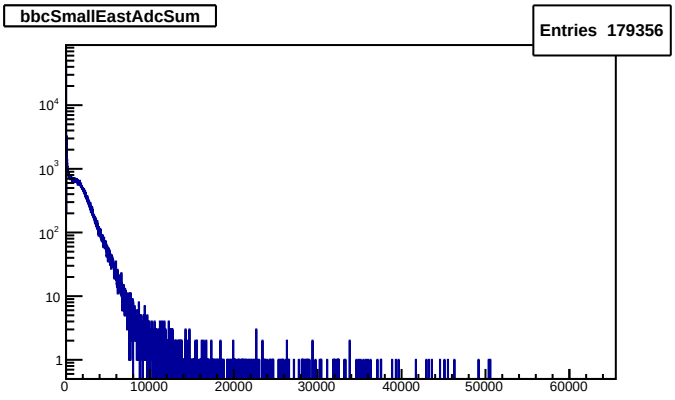

EQ2 QTC
Entries 1.721818e+07
TADC
QT Input Channel

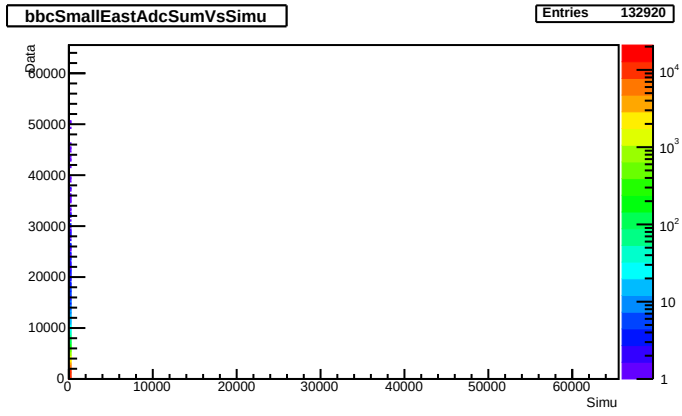

EQ3 QTB
Entries 4.591514e+07
ADC
QT Input Channel

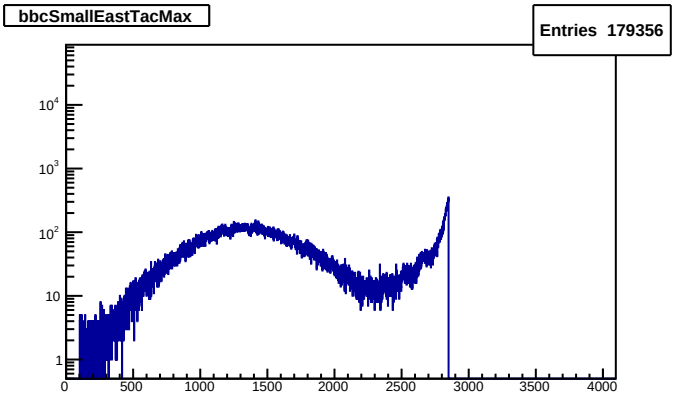

EQ3 QTB
Entries 1.398229e+07
TDC
QT Input Channel

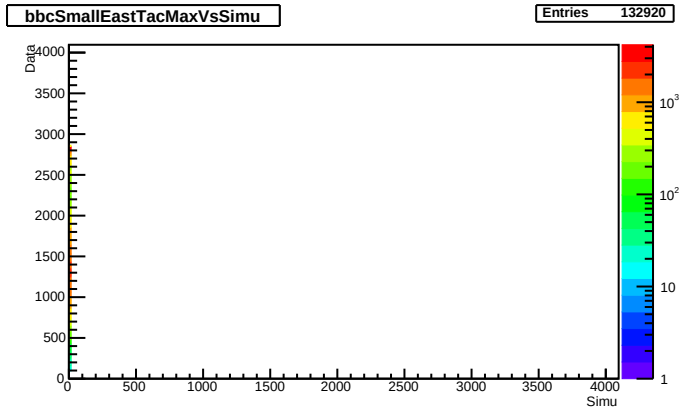

EQ3 QTC
Entries 1.721818e+07
ADC
QT Input Channel

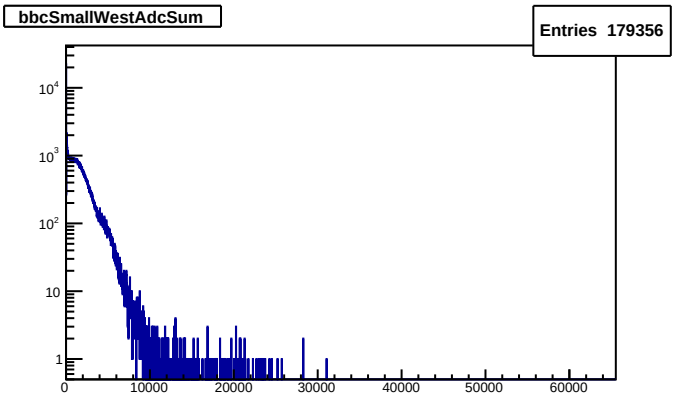

EQ3 QTC
Entries 1.721818e+07
TADC
QT Input Channel

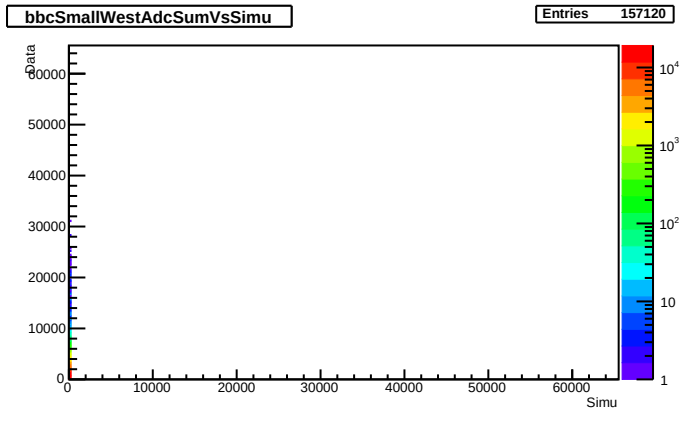

bbcSmallEastAdcSum
Entries 179356

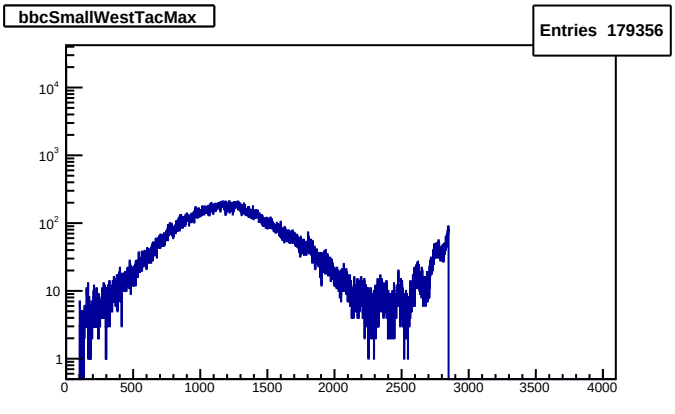

bbcSmallEastAdcSumVsSimu
Entries 132920
Data
Simu

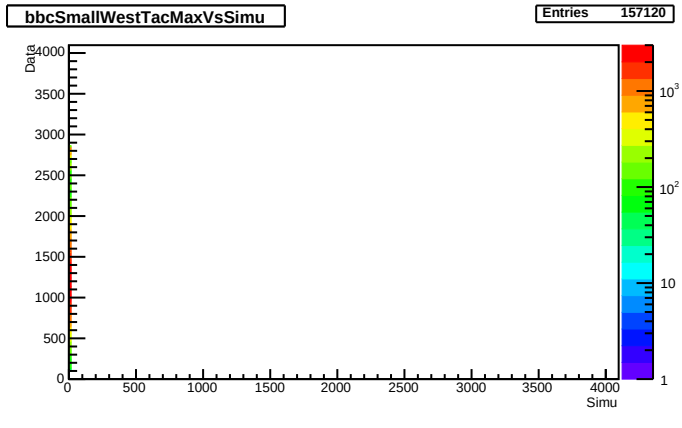

bbcSmallEastTacMax
Entries 179356

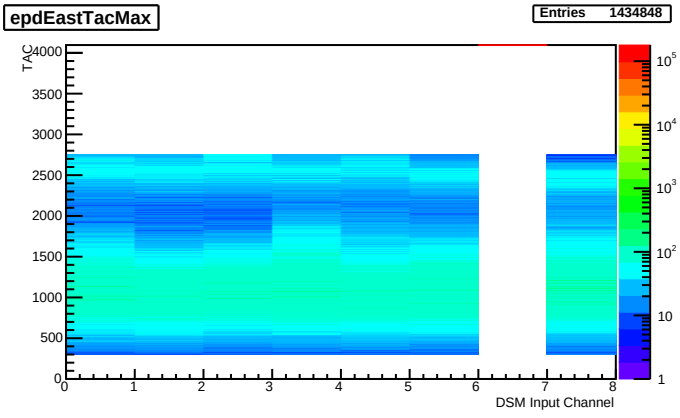

bbcSmallEastTacMaxVsSimu
Entries 132920
Data
Simu

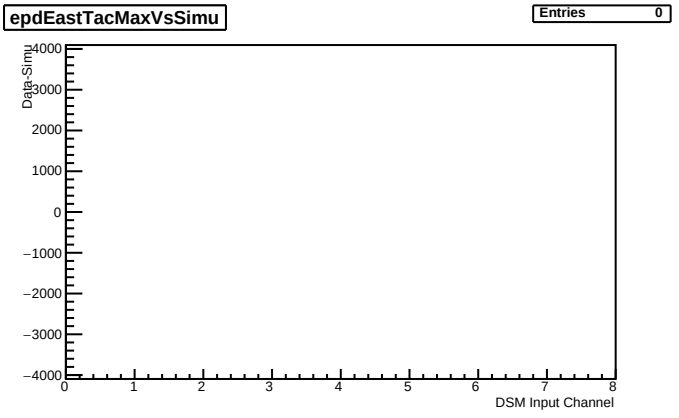

bbcSmallWestAdcSum
Entries 179356

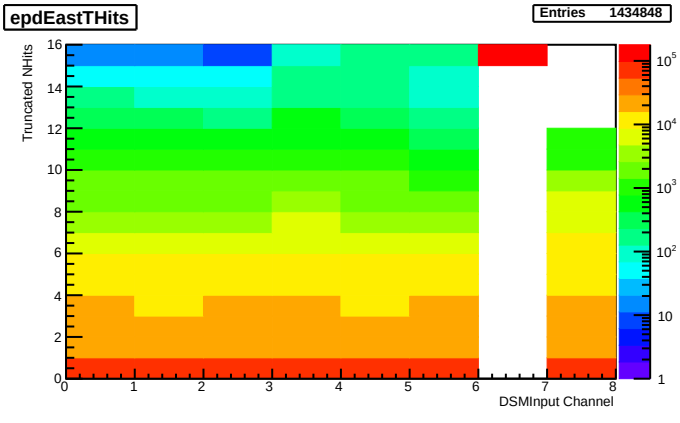

bbcSmallWestAdcSumVsSimu
Entries 157120
Data
Simu

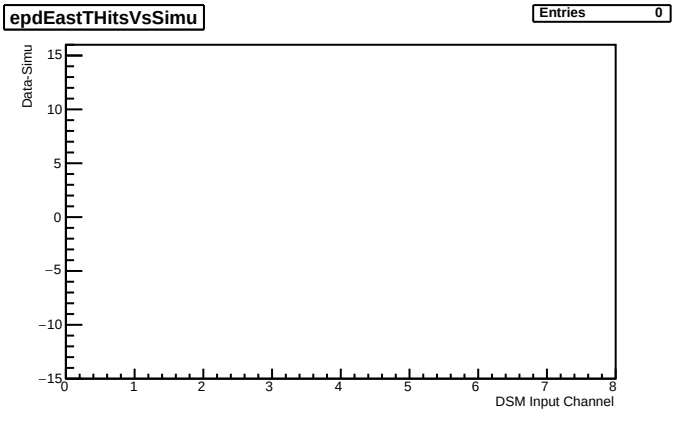

bbcSmallWestTacMax
Entries 179356


bbcSmallWestTacMaxVsSimu
Entries 157120
Data
Simu


epdEastTacMax
Entries 1434848
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1434848
Truncated NHits
DSMInput Channel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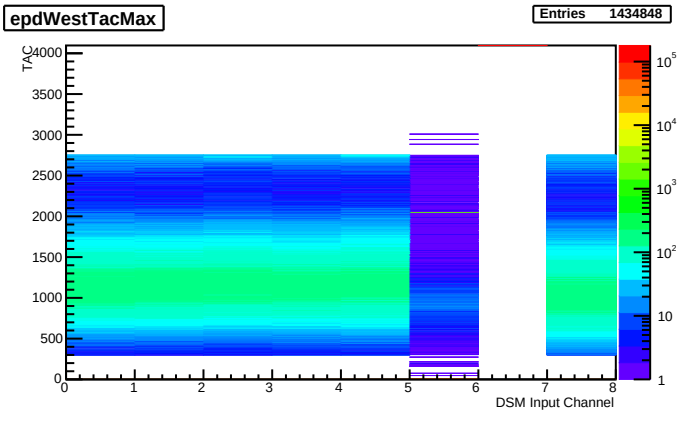
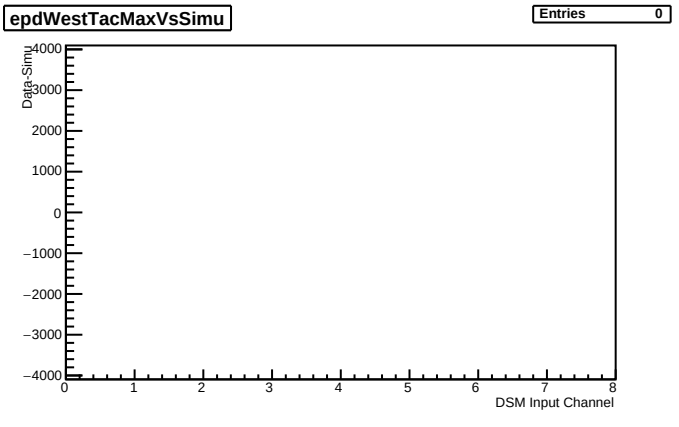
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1434848
TAC
DSM Input Channel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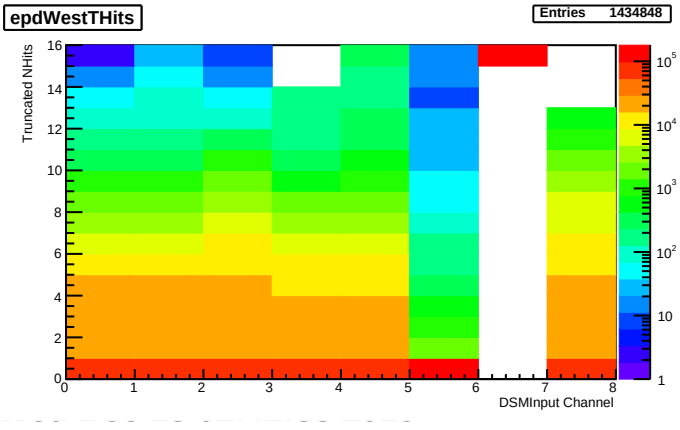
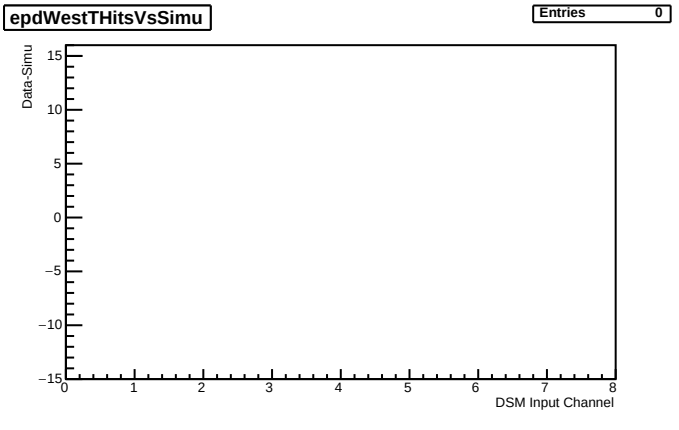
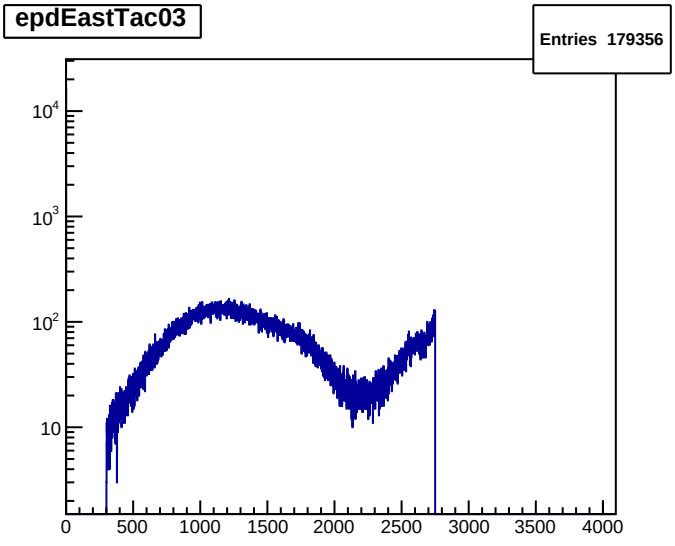
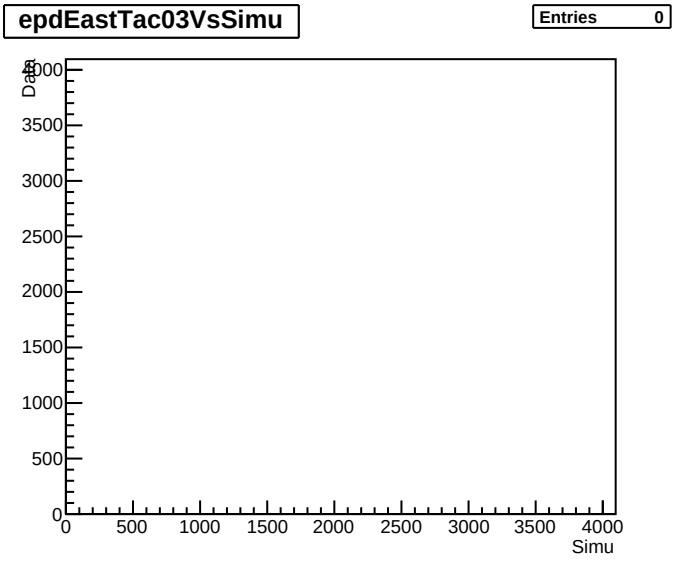
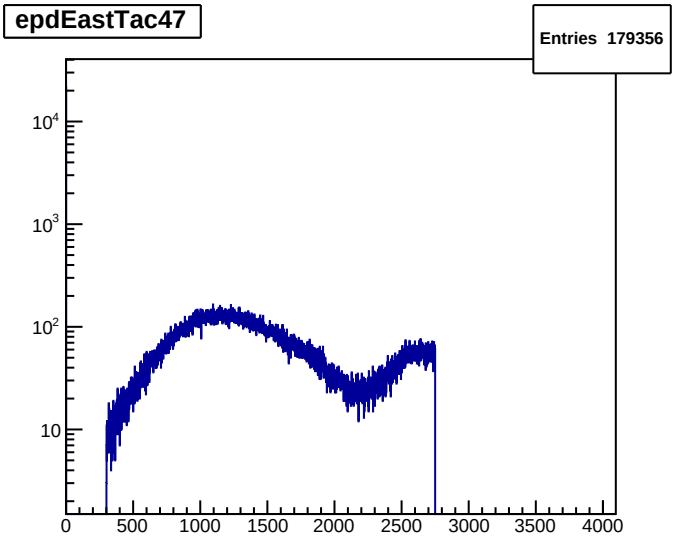
Entries 0
Data-Simu
DSM Input Channel

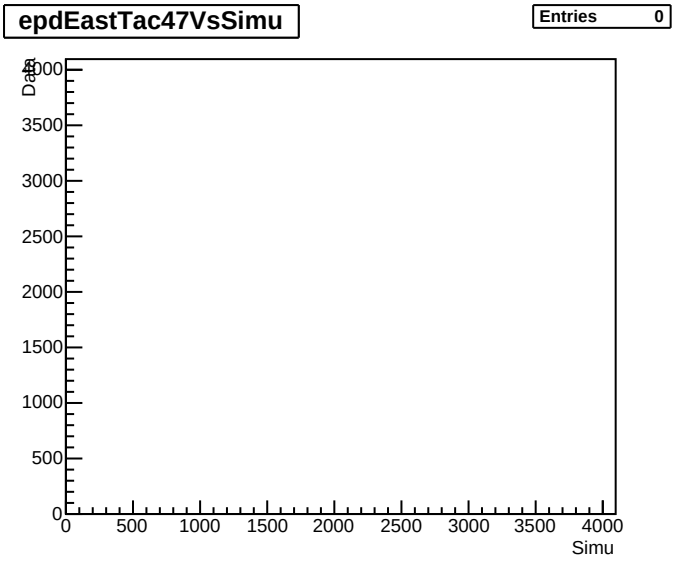

epdWestTHits
Entries 1434848
Truncated NHits
DSMInput Channel

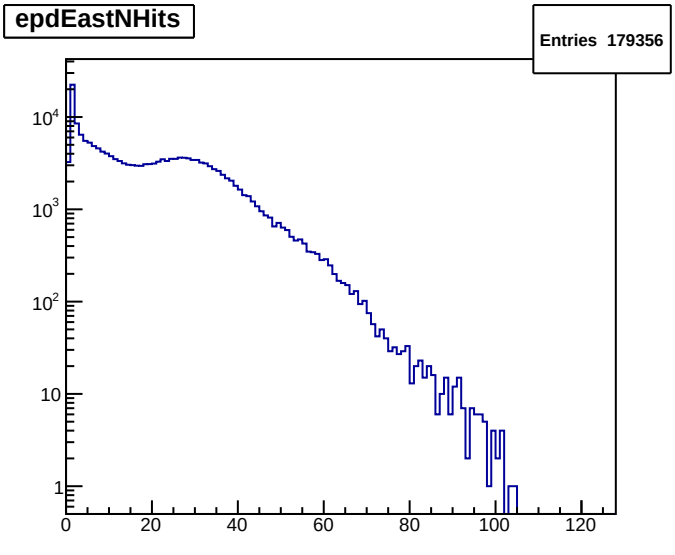

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

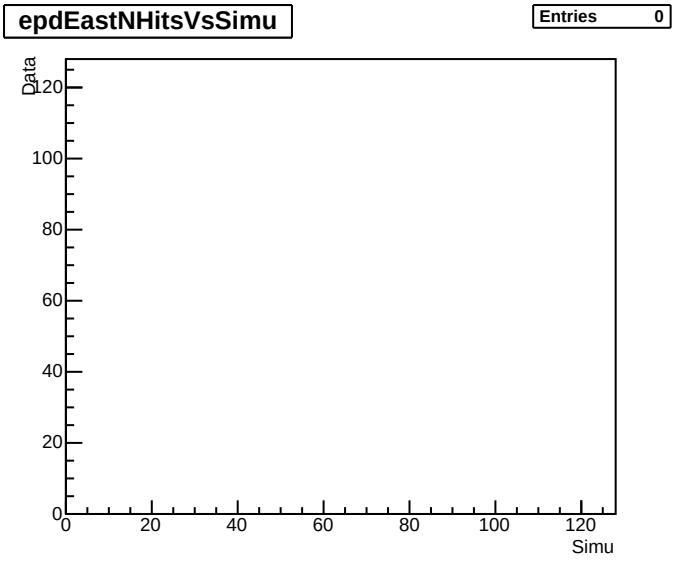

epdEastTac03
Entries 179356


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 179356


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 179356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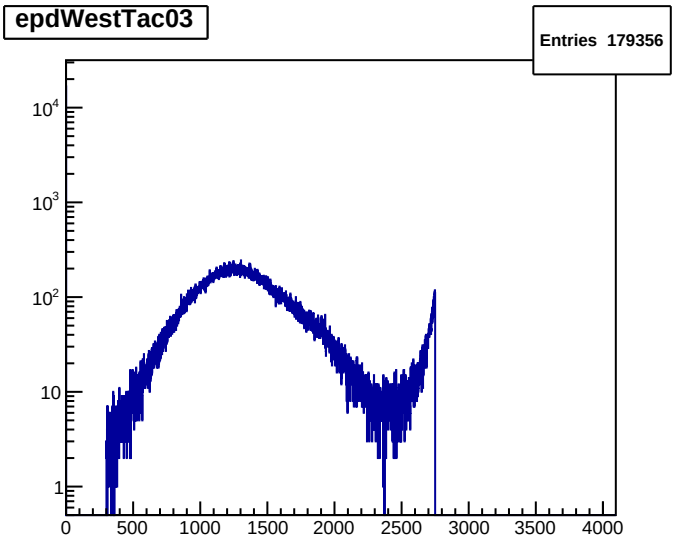
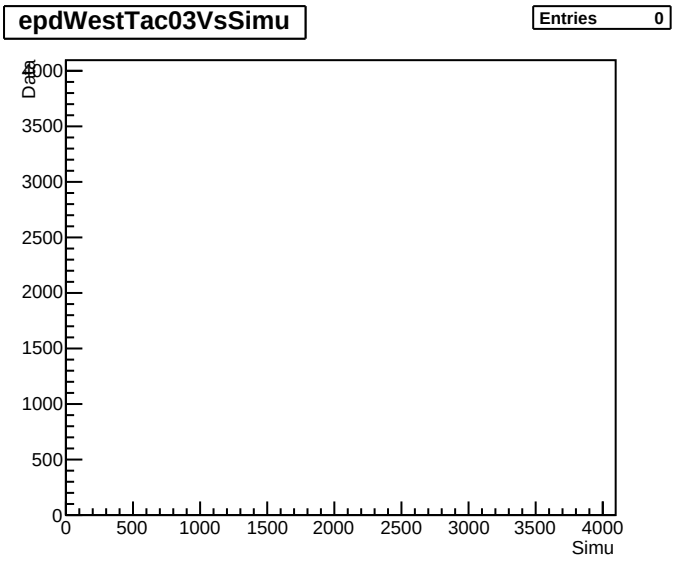
Entries 0
Data
Simu


epdWestTac03
Entries 179356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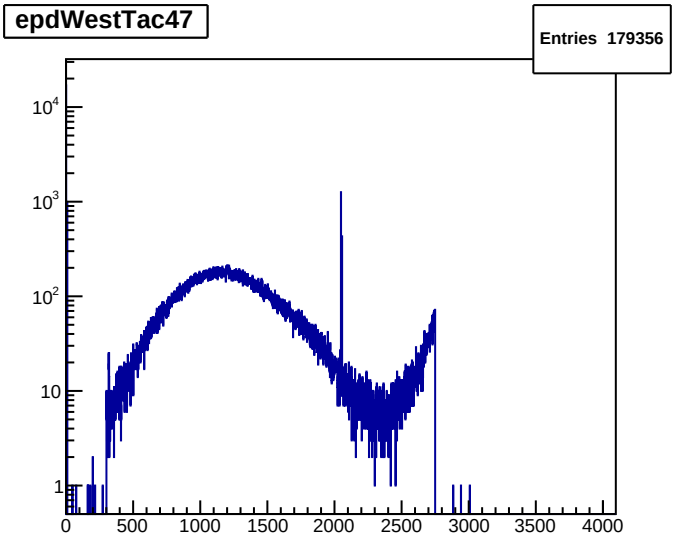
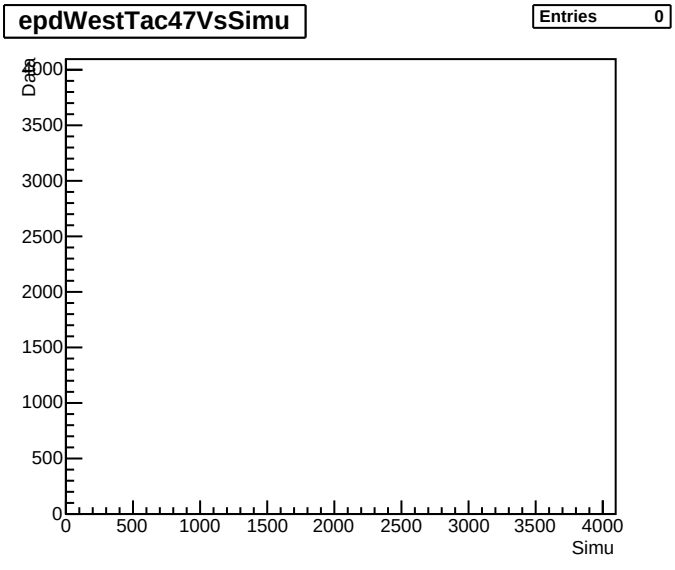
Entries 0
Data
Simu


epdWestTac47
Entries 179356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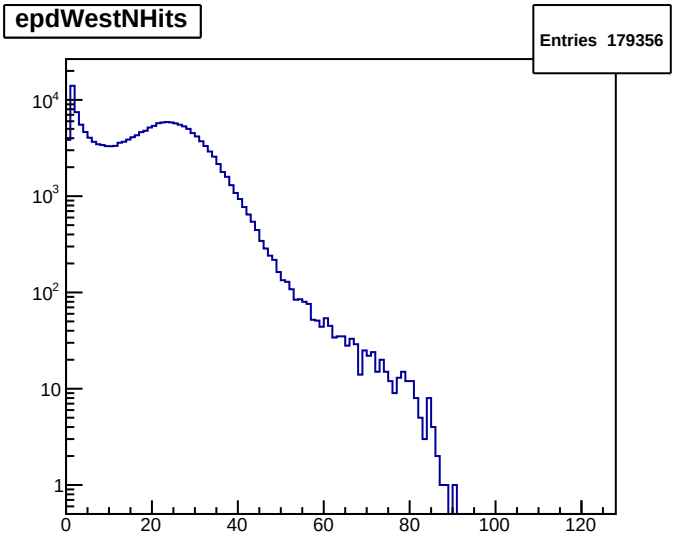
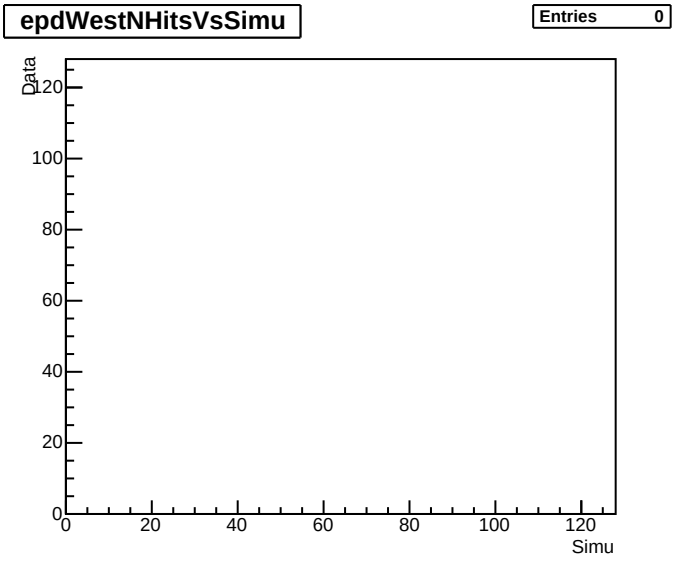
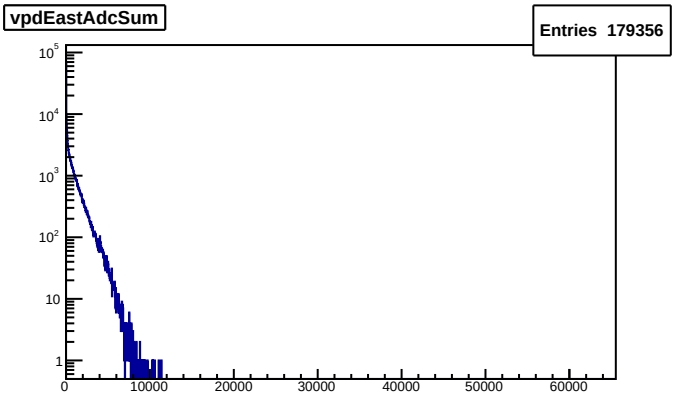
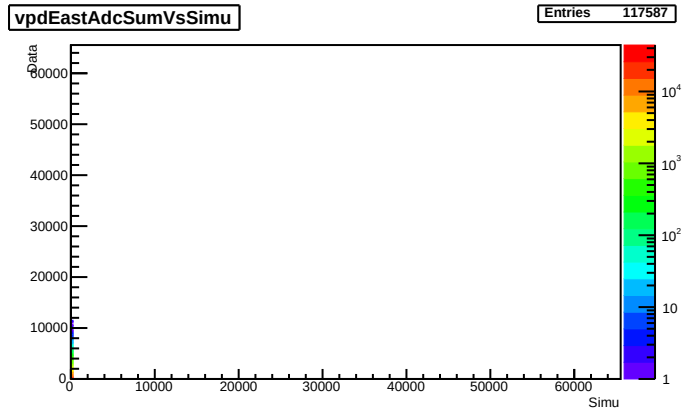
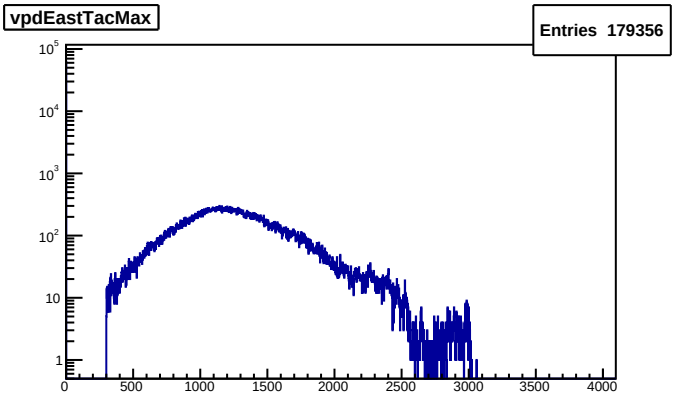
Entries 0
Data
Simu

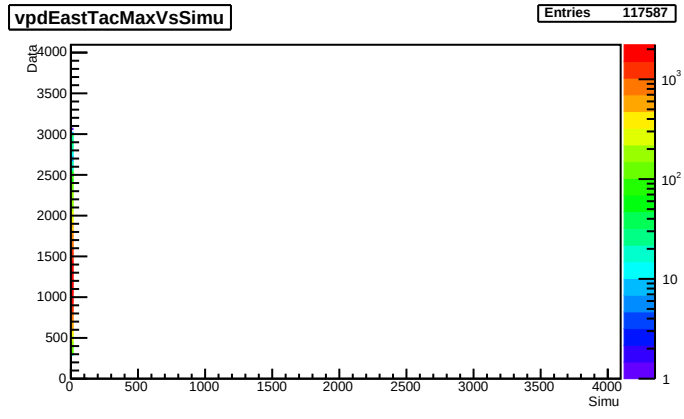

epdWestNHits
Entries 179356

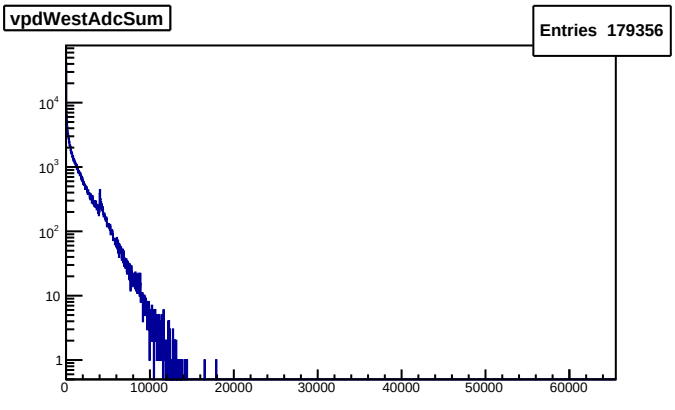

epdWestNHitsVsSimu
Entries 0
Data
Simu

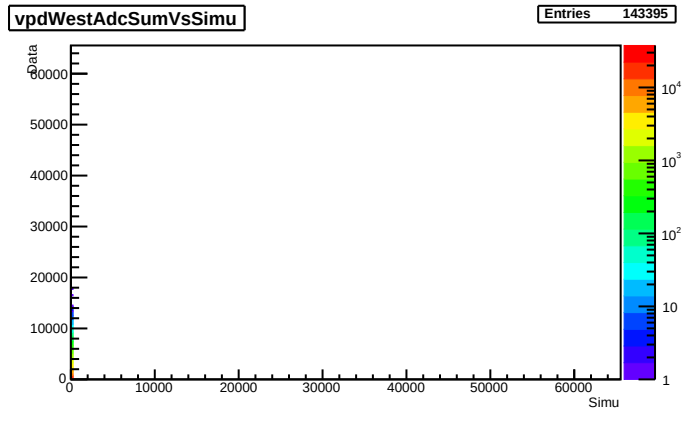

vpdEastAdcSum
Entries 179356

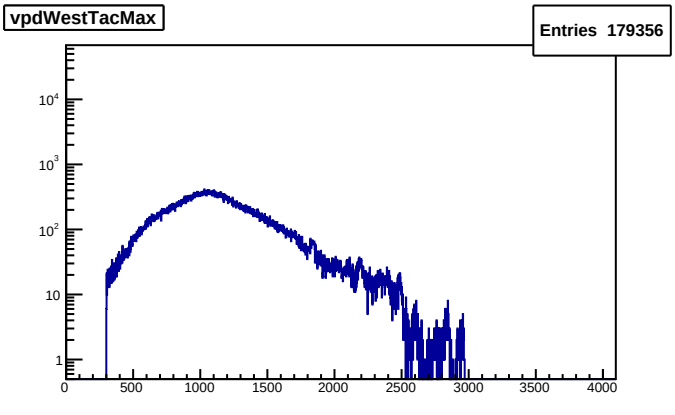

vpdEastAdcSumVsSimu
Entries 117587
Data
Simu

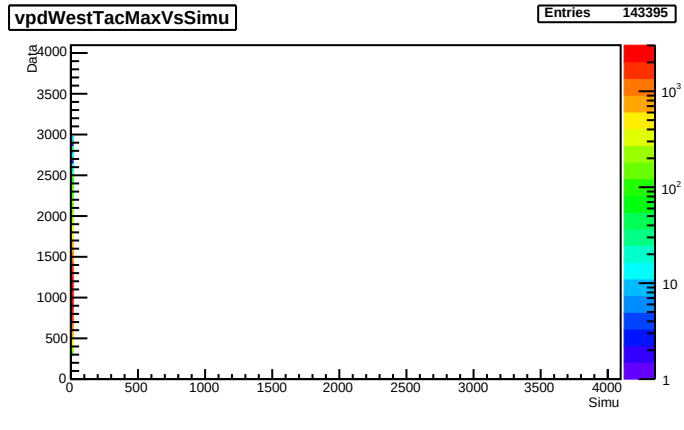

vpdEastTacMax
Entries 179356

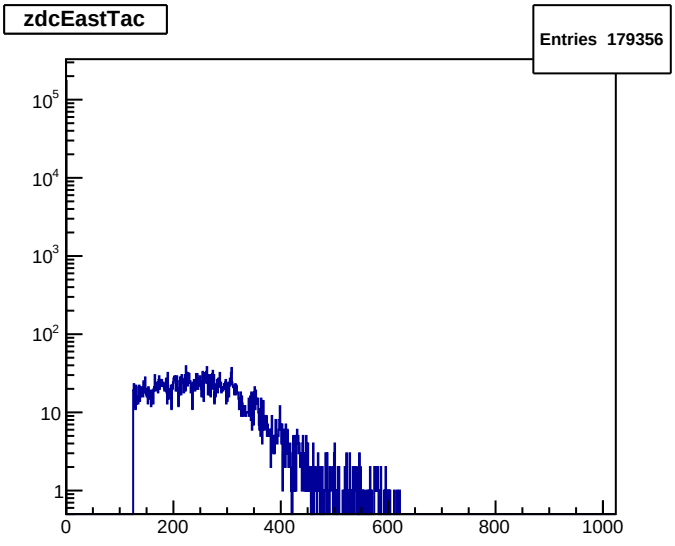

vpdEastTacMaxVsSimu
Entries 117587
Data
Simu

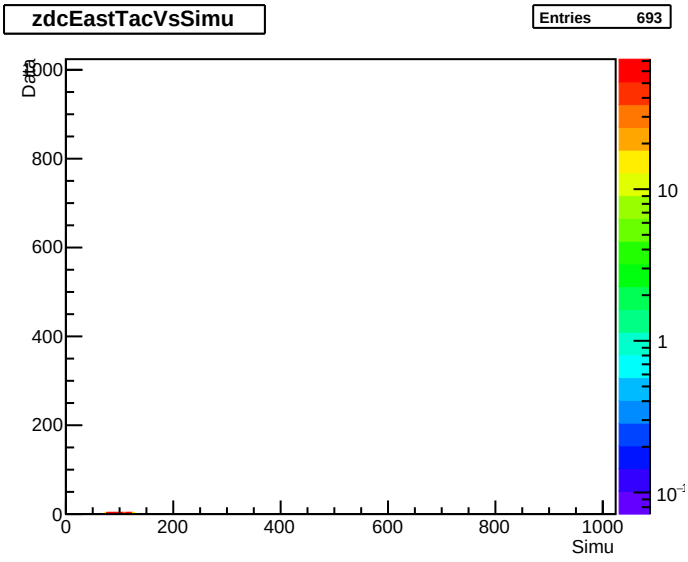

vpdWestAdcSum
Entries 179356

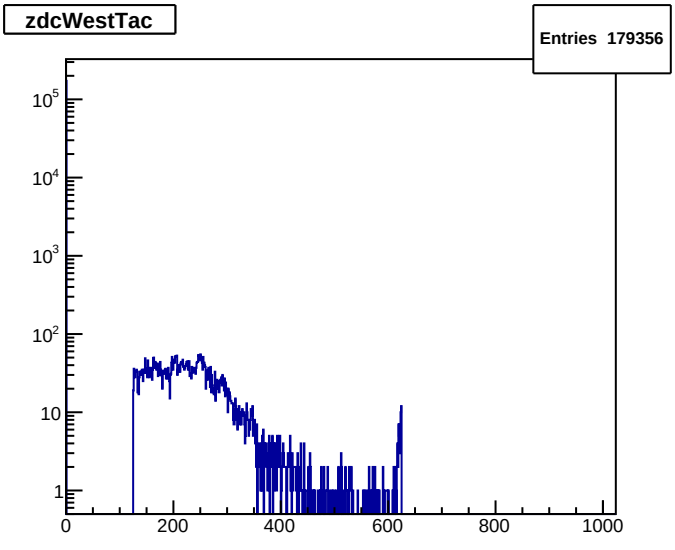

vpdWestAdcSumVsSimu
Entries 143395
Data
Simu

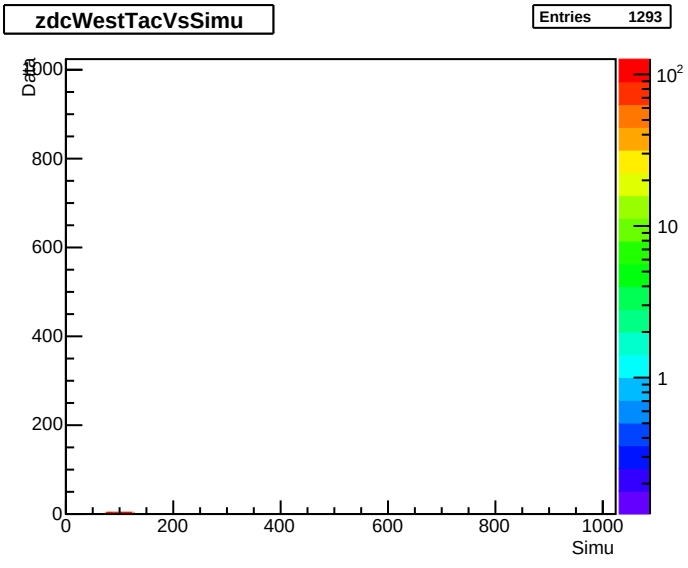

vpdWestTacMax
Entries 179356

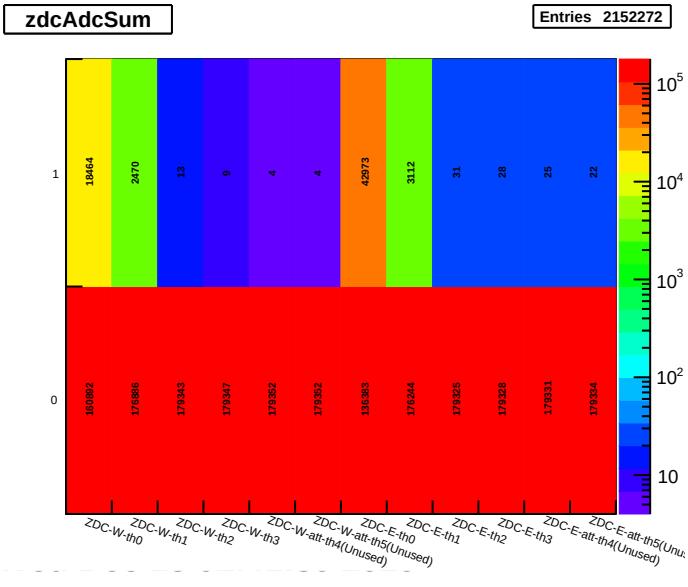

vpdWestTacMaxVsSimu
Entries 143395
Data
Simu

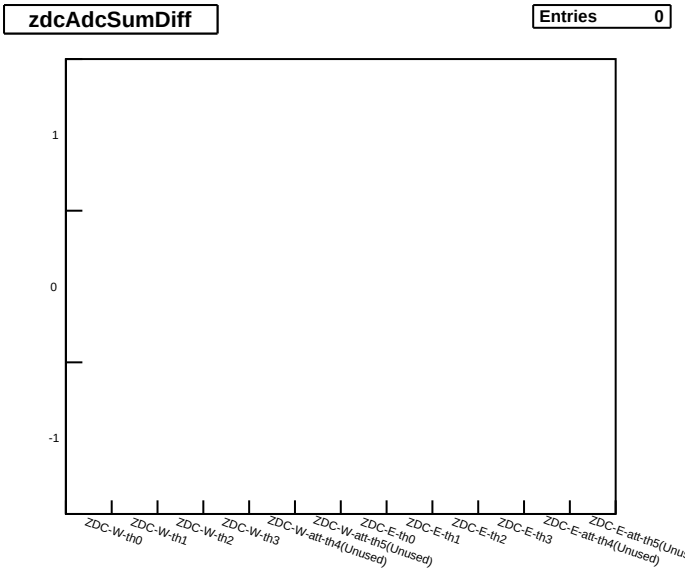

zdcEastTac
Entries 179356

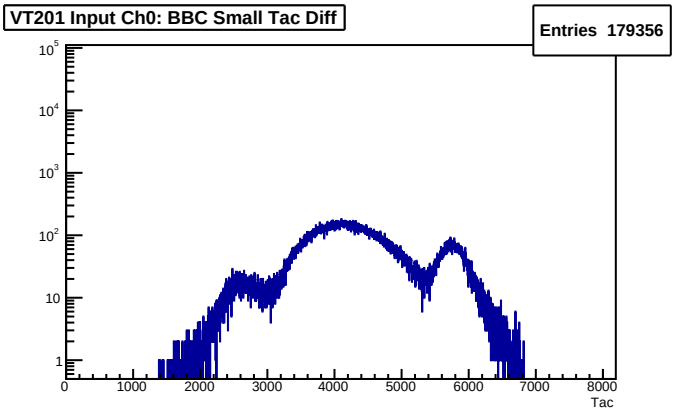

zdcEastTacVsSimu
Entries 693
Data
Simu

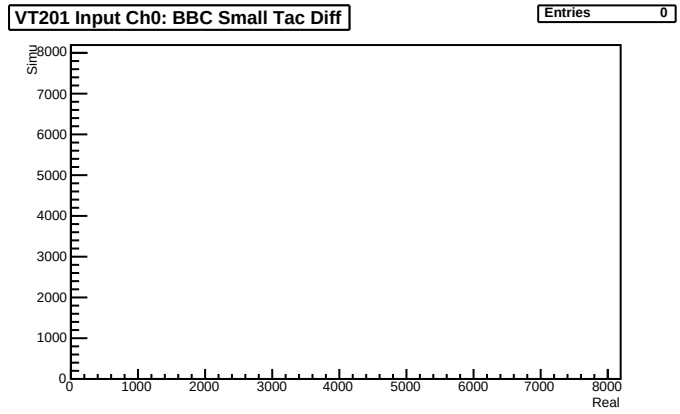

zdcWestTac
Entries 179356

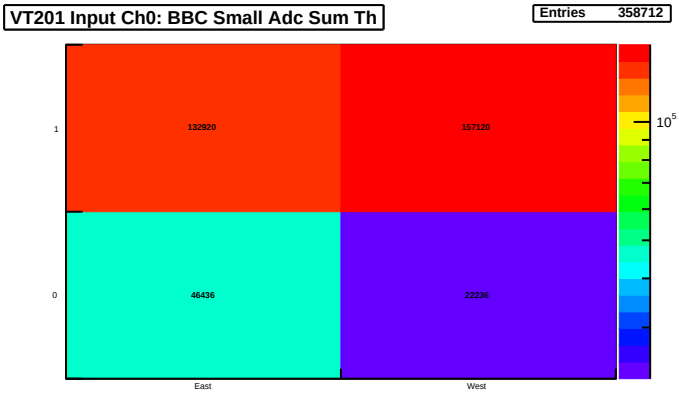

zdcWestTacVsSimu
Entries 1293
Data
Simu

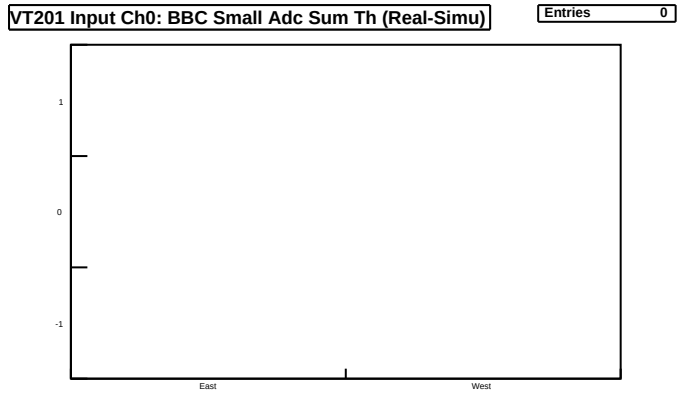

zdcAdcSum
Entries 2152272
18464
2470
13
9
4
4
42973
3112
31
28
25
22
160892
176886
179343
179347
179352
179352
136383
176244
179325
179328
179331
179334
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

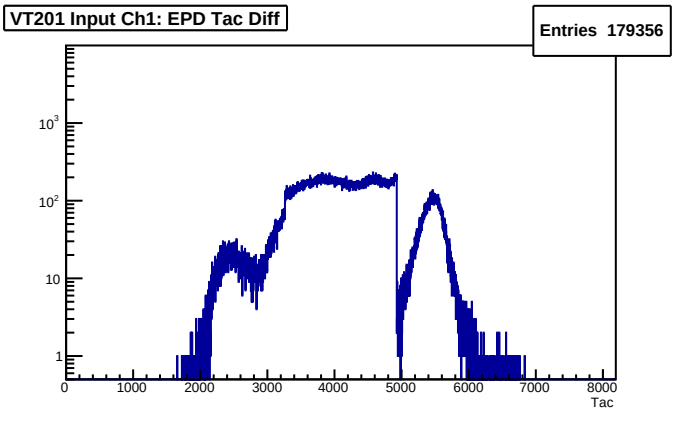

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

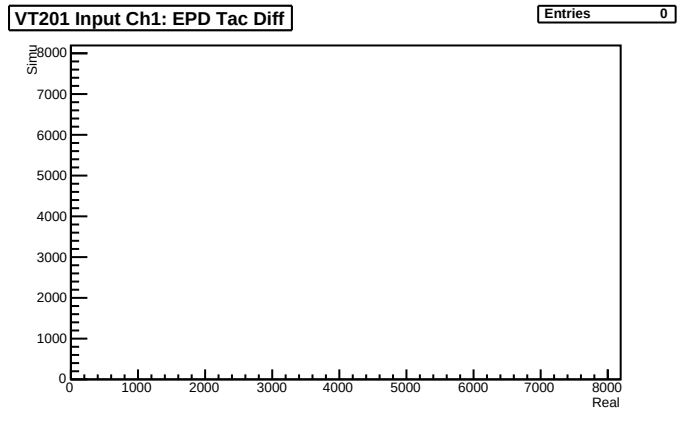

VT201 Input Ch0: BBC Small Tac Diff
Entries 179356
Tac

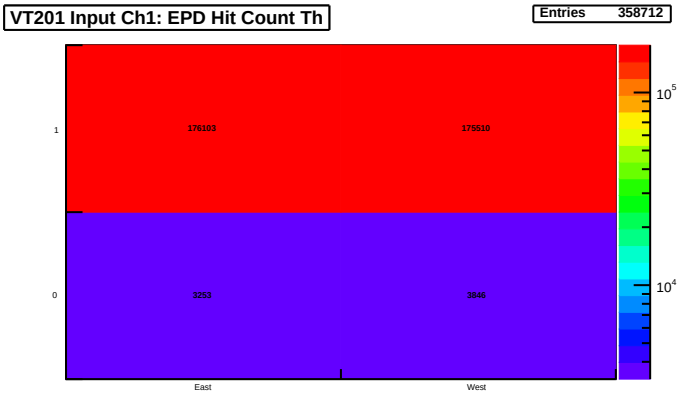

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

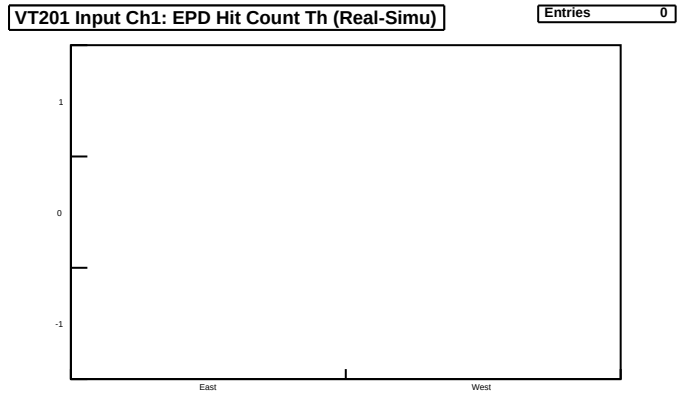

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 358712
132920
157120
46436
22236
East
West

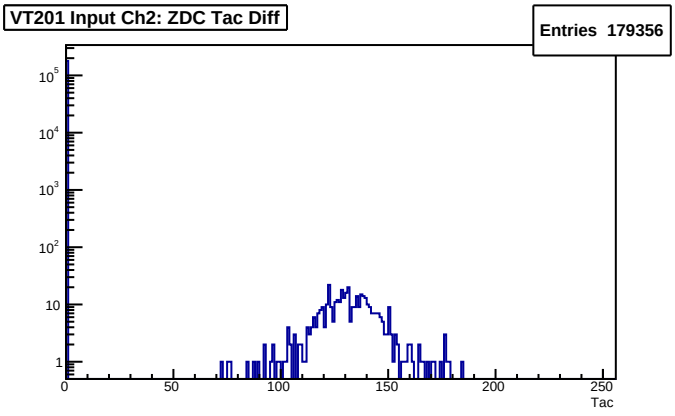

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

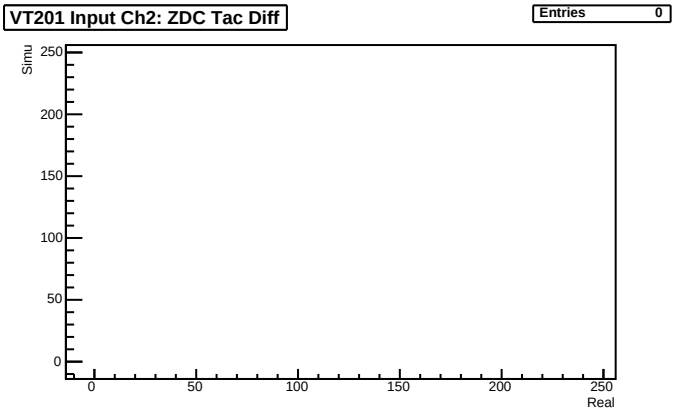

VT201 Input Ch1: EPD Tac Diff
Entries 179356
Tac

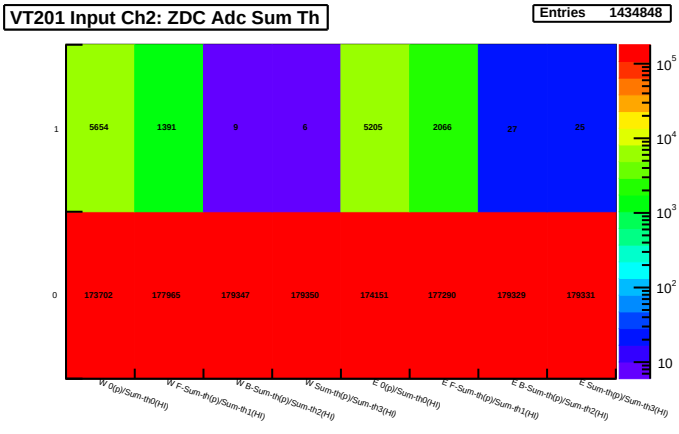

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

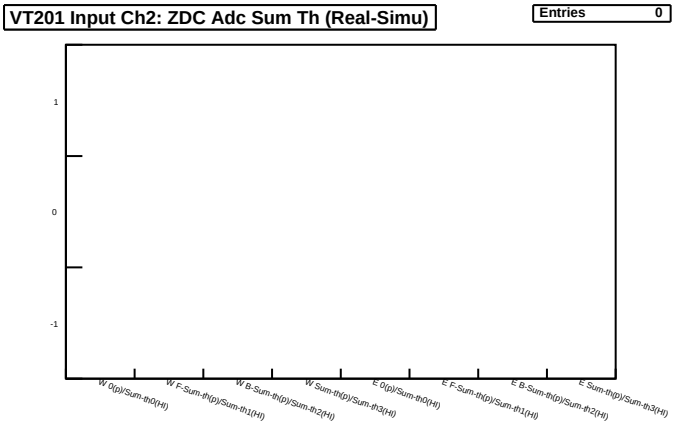

VT201 Input Ch1: EPD Hit Count Th
Entries 358712
176103
175510
3253
3846
East
West

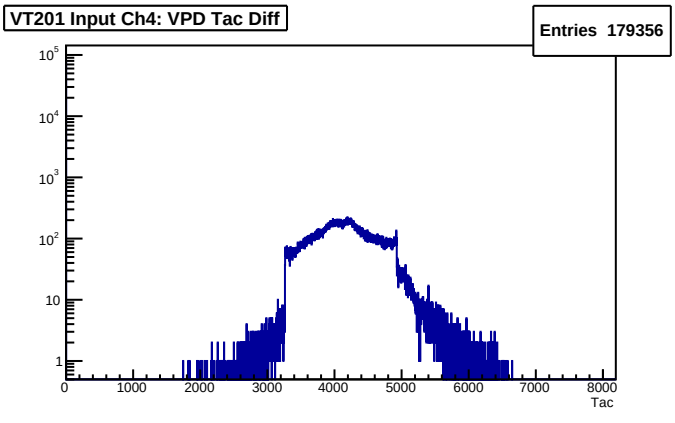

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

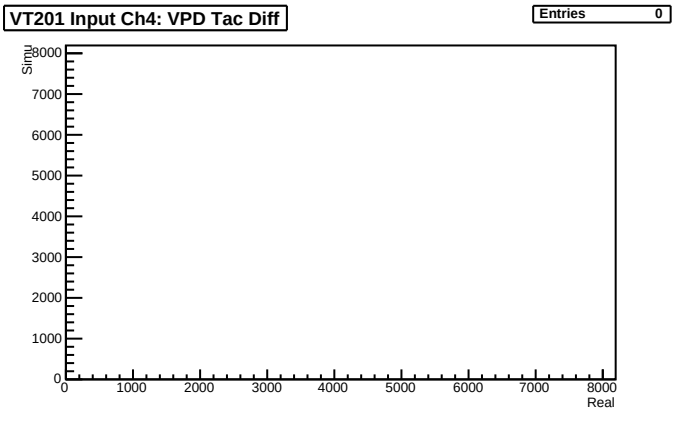

VT201 Input Ch2: ZDC Tac Diff
Entries 179356
Tac

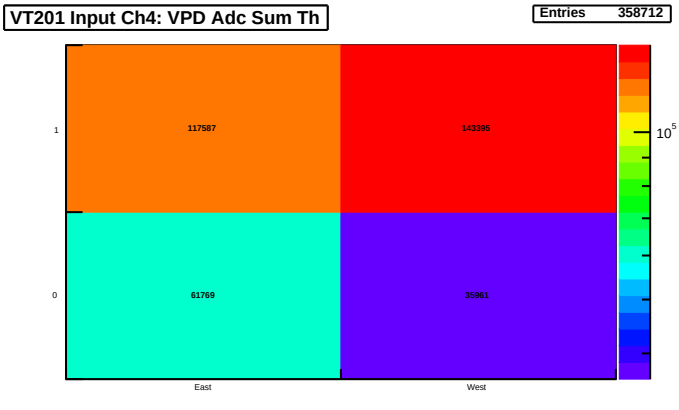

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

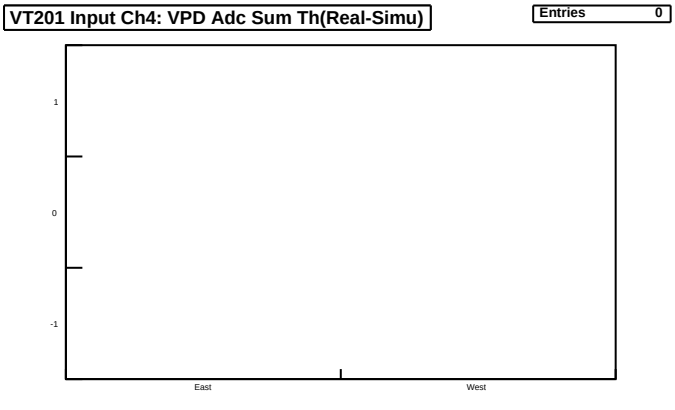

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1434848
5654
1391
9
6
5205
2066
27
25
173702
177965
179347
179350
174151
177290
179329
179331
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

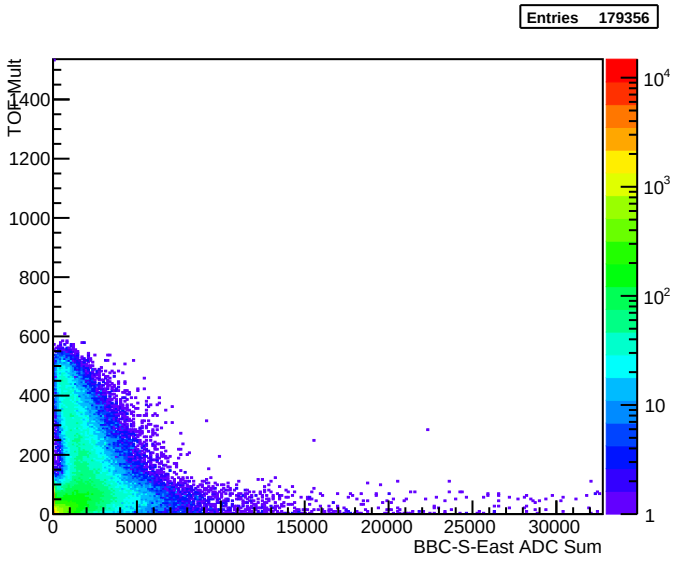

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

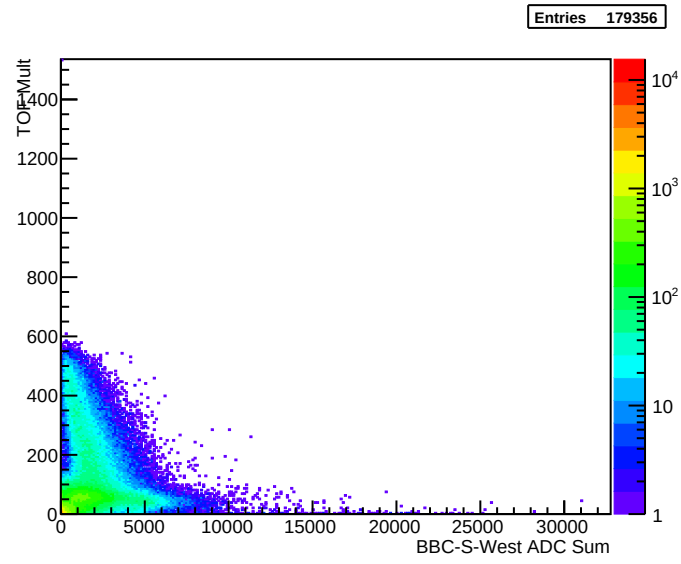

VT201 Input Ch4: VPD Tac Diff
Entries 179356
Tac

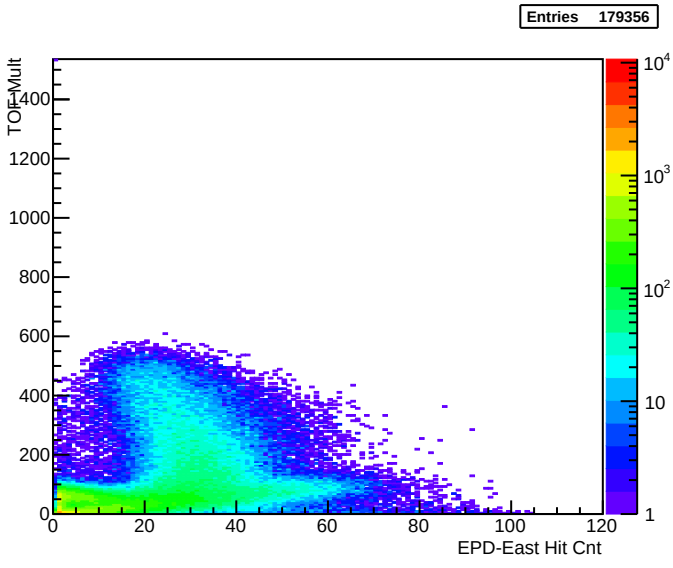

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

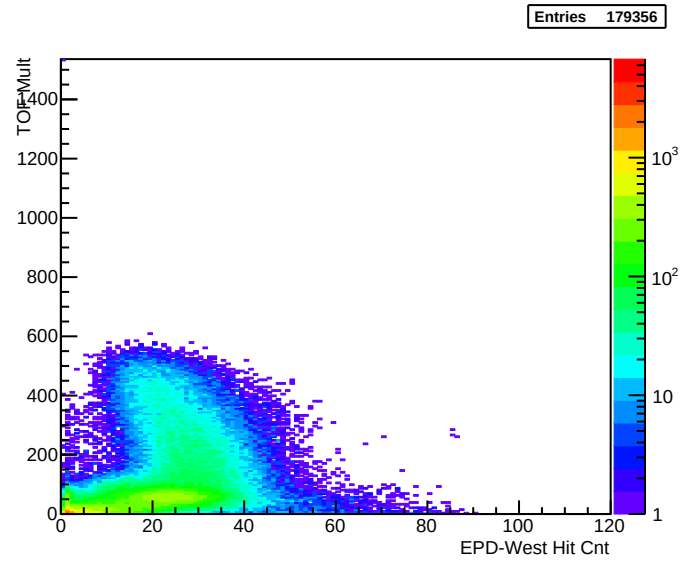

VT201 Input Ch4: VPD Adc Sum Th
Entries 358712
117587
143395
61769
35961
East
West

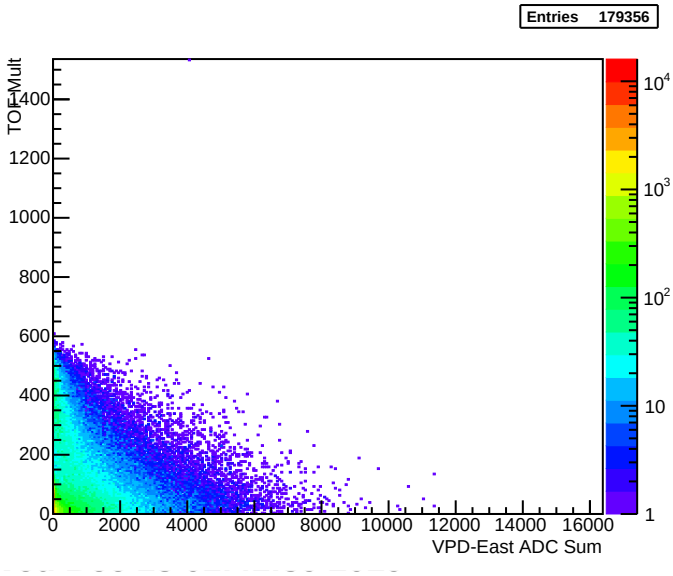

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

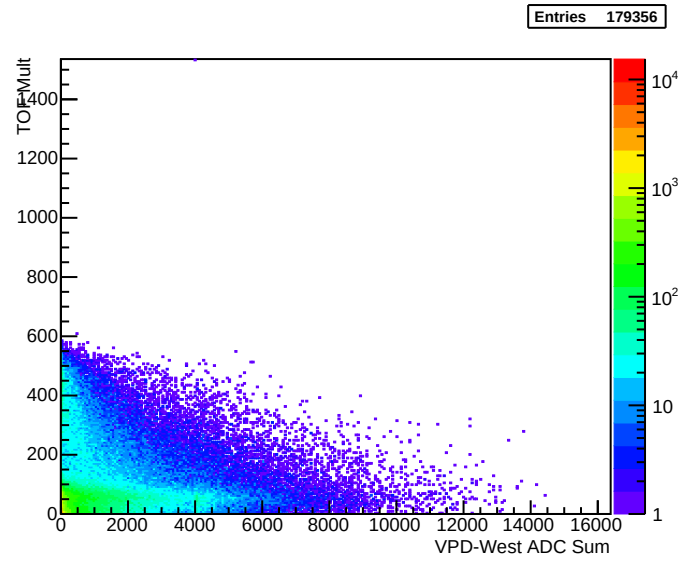

Entries 179356
TOF-Mult
BBC-S-East ADC Sum

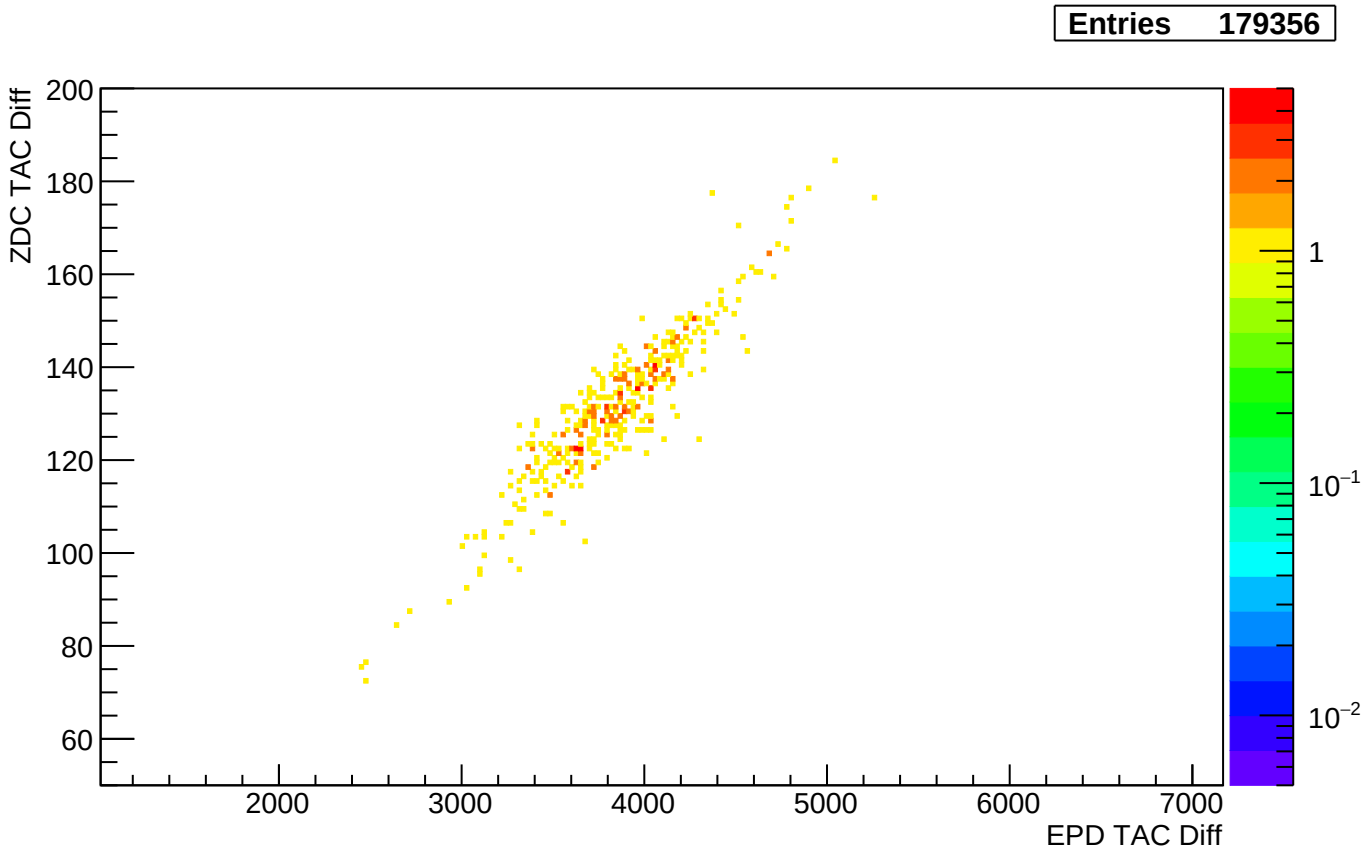

Entries 179356
TOF-Mult
BBC-S-West ADC Sum

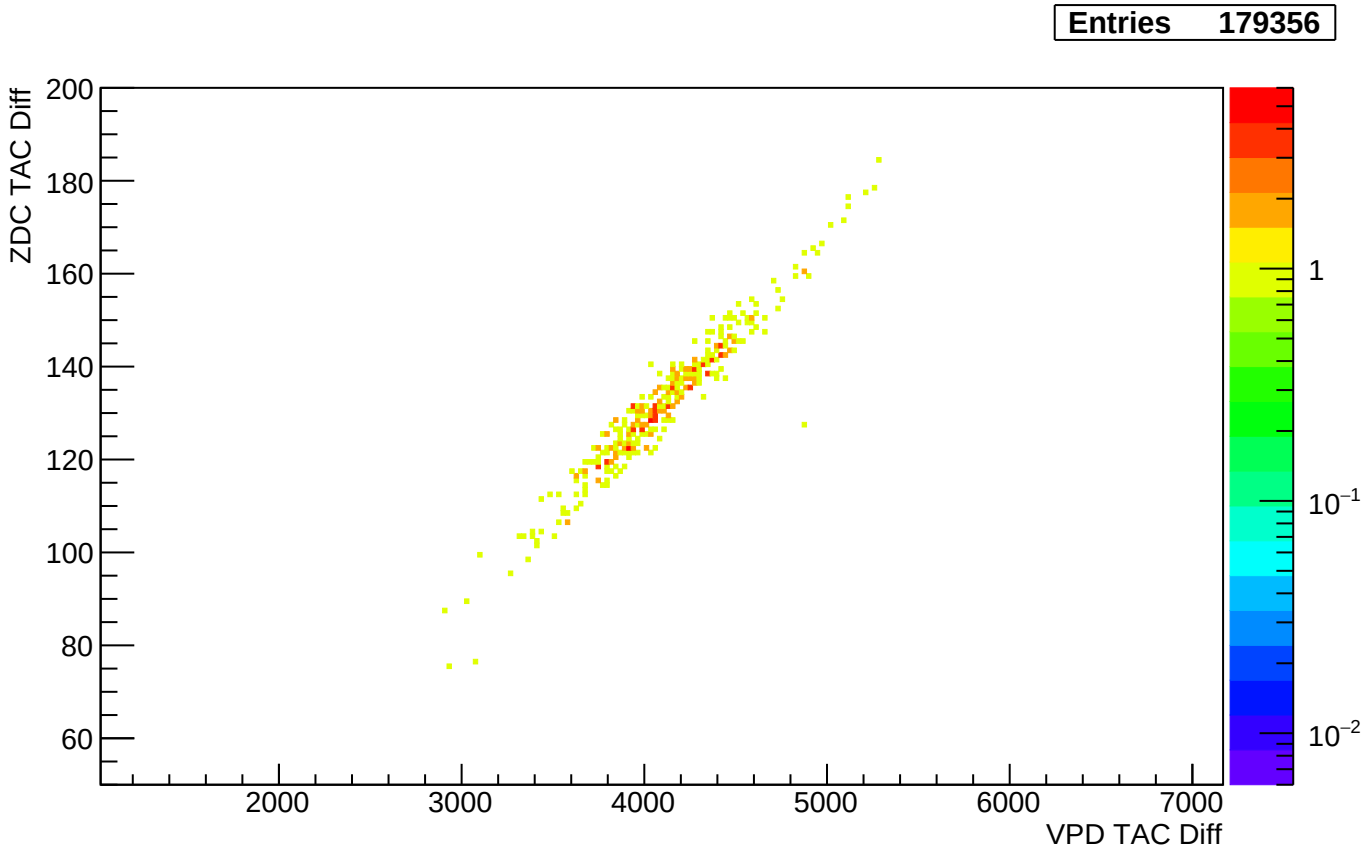

Entries 179356
TOF-Mult
EPD-East Hit Cnt

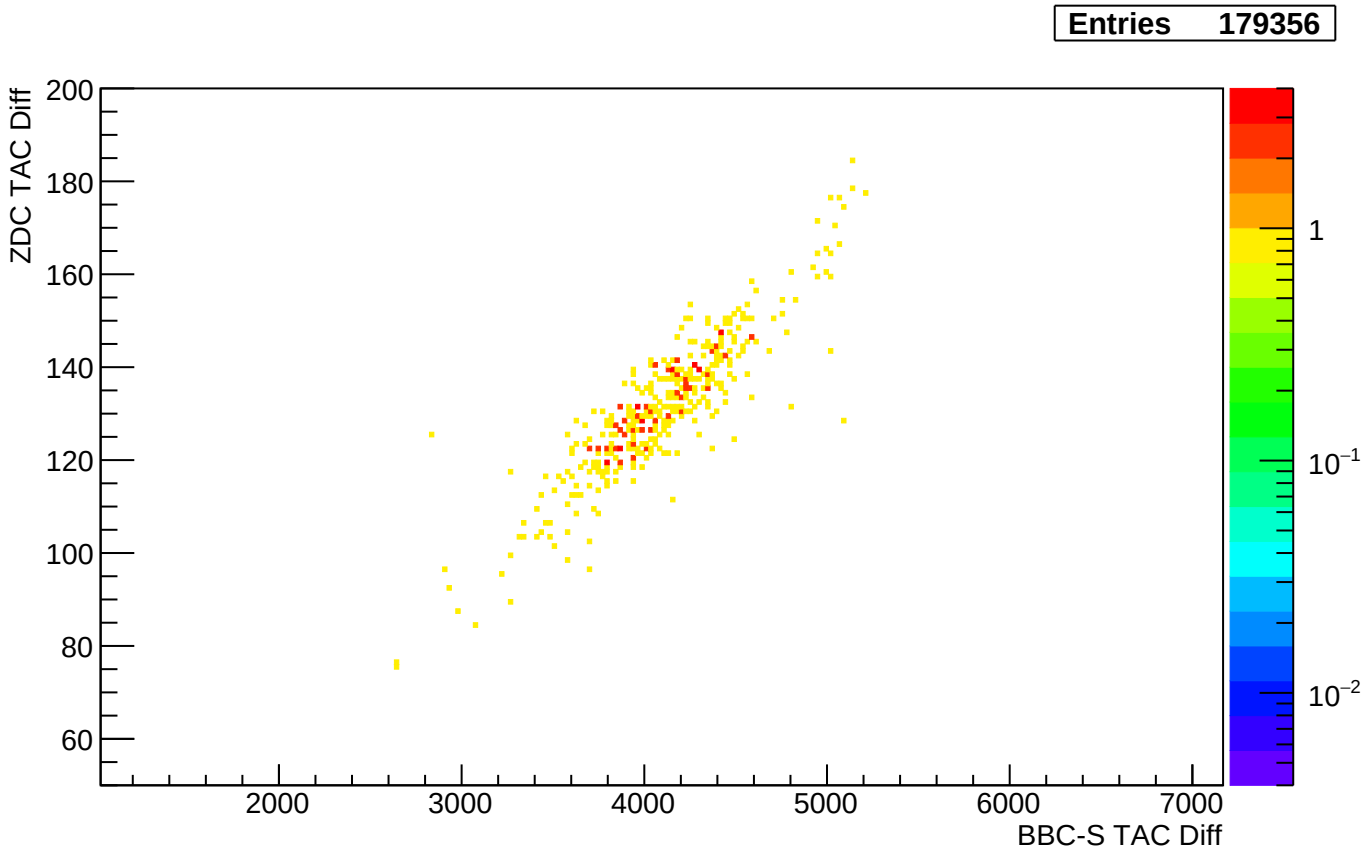

Entries 179356
TOF-Mult
EPD-West Hit Cnt

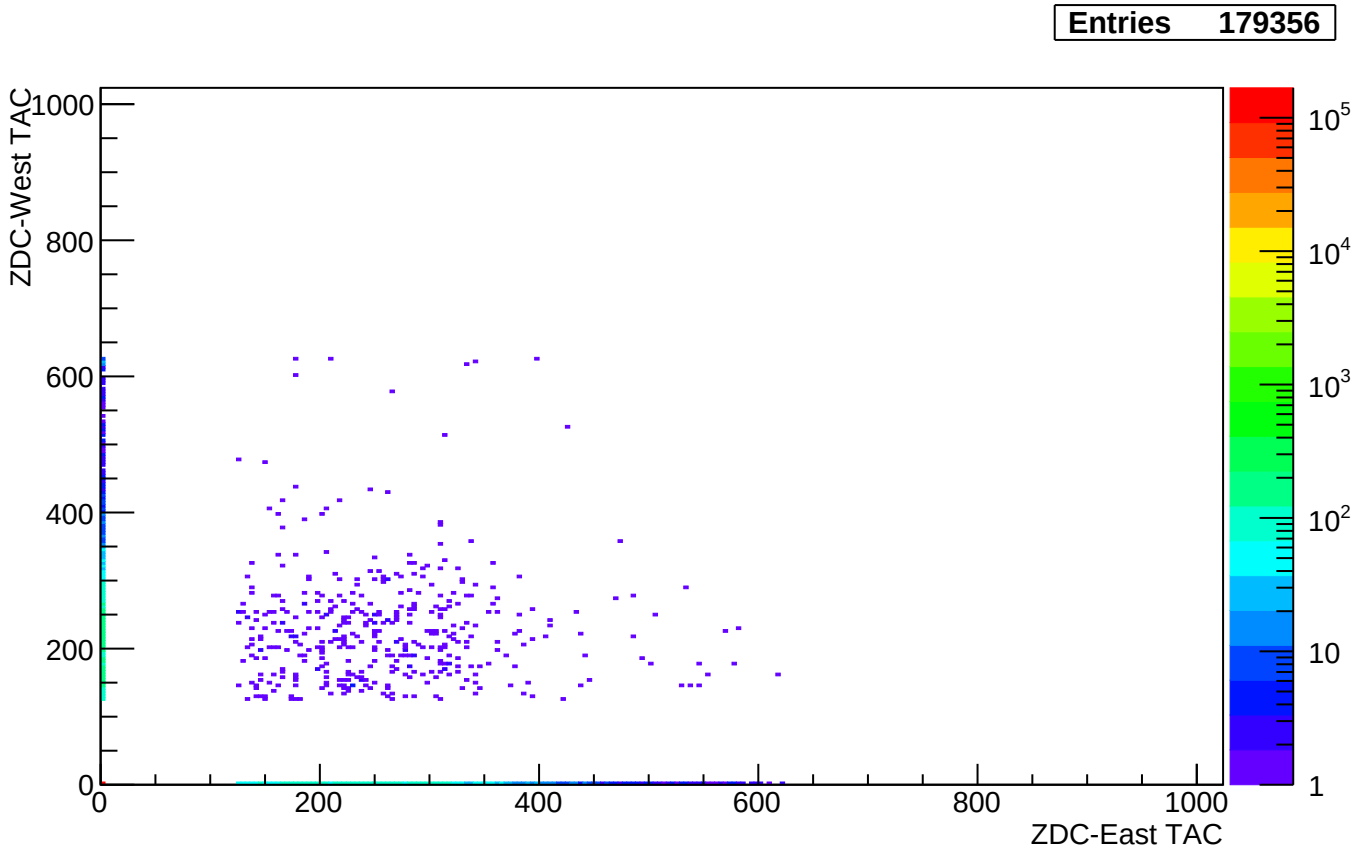

Entries 179356
TOF-Mult
VPD-East ADC Sum

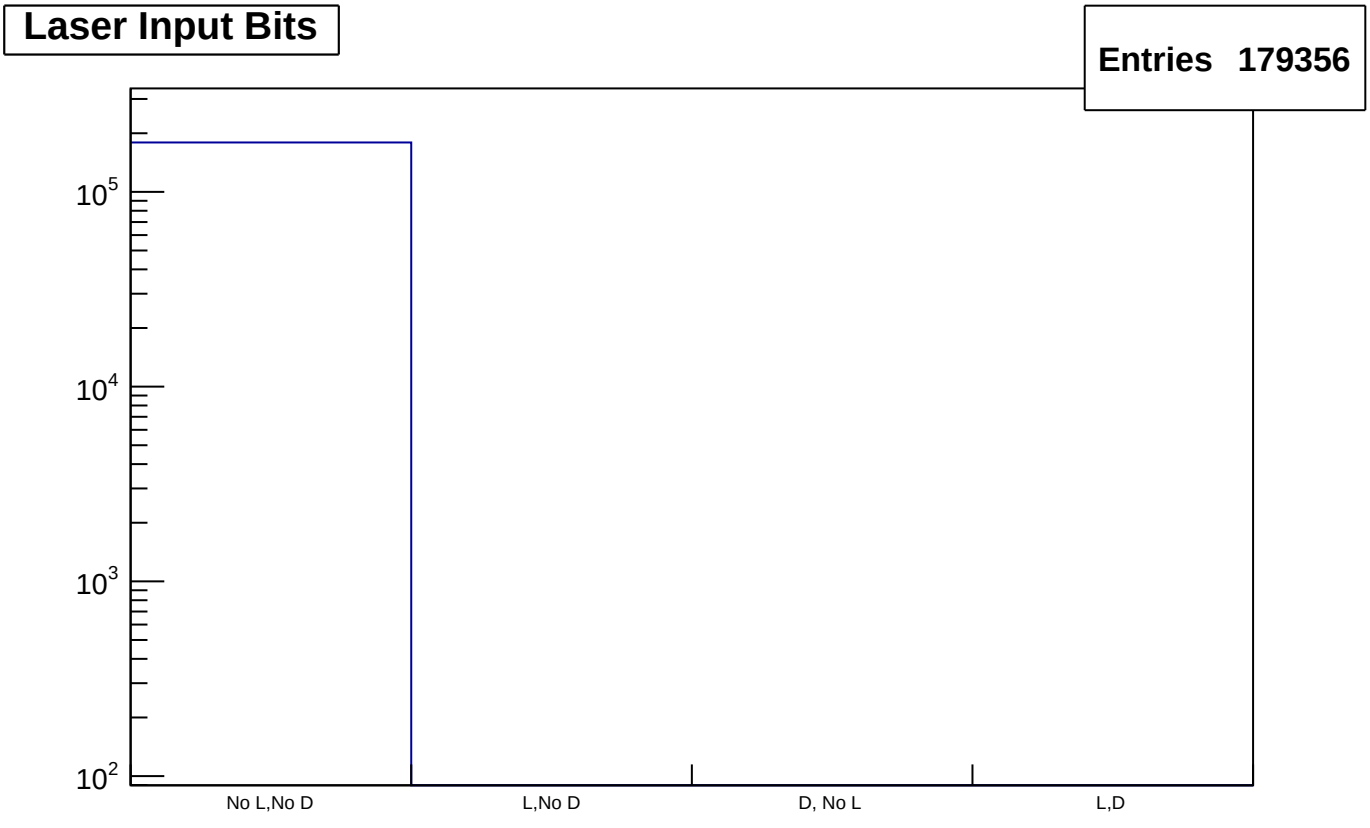

Entries 179356
TOF-Mult
VPD-West ADC Sum

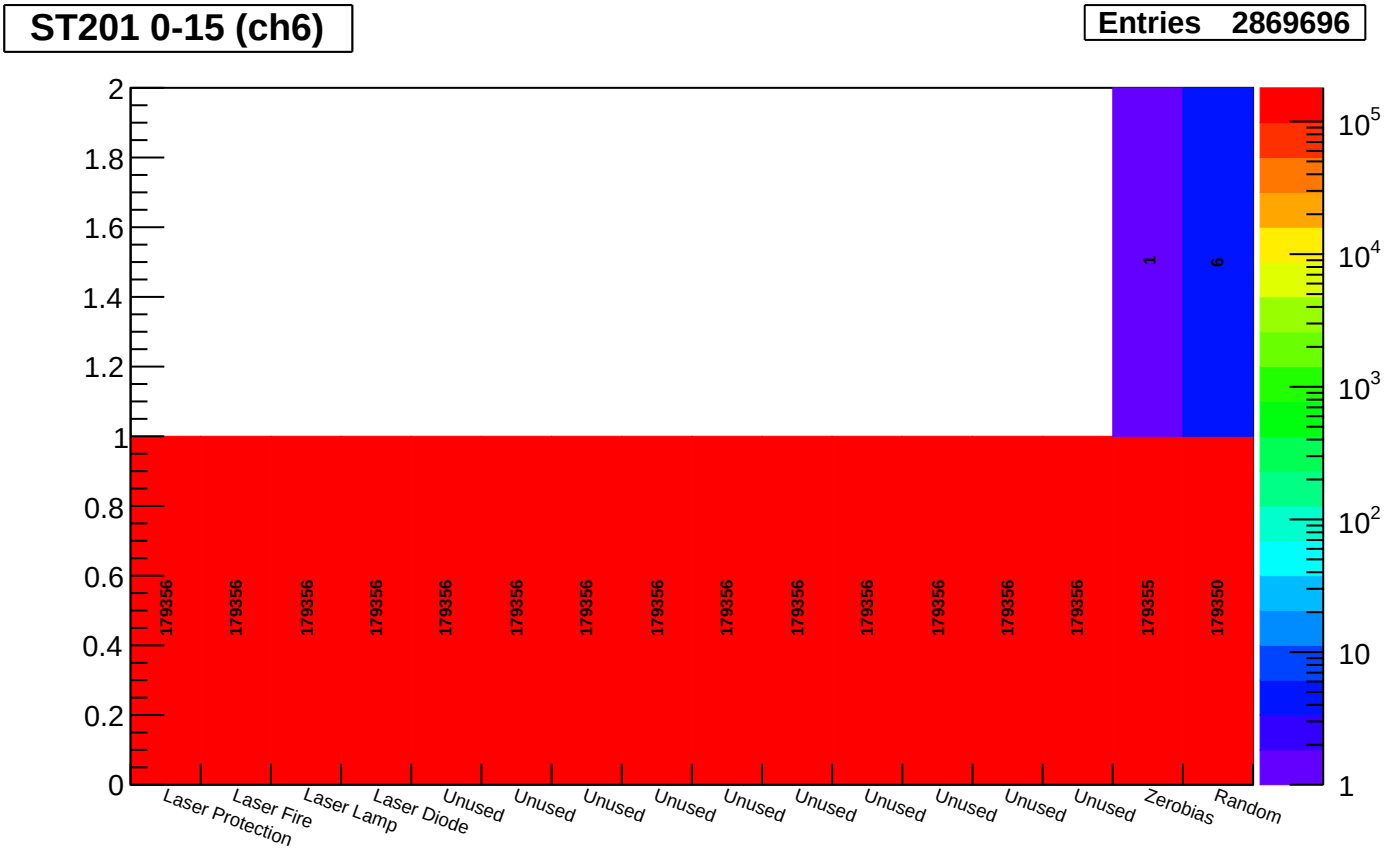

Entries 179356
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

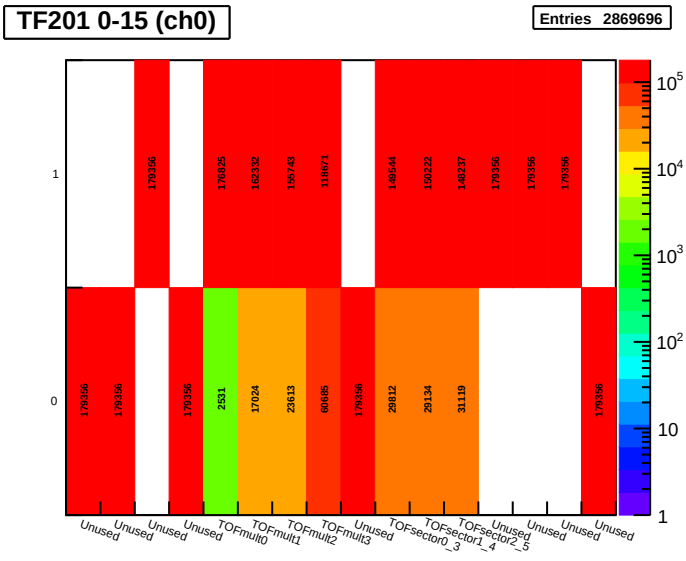

Entries 179356
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

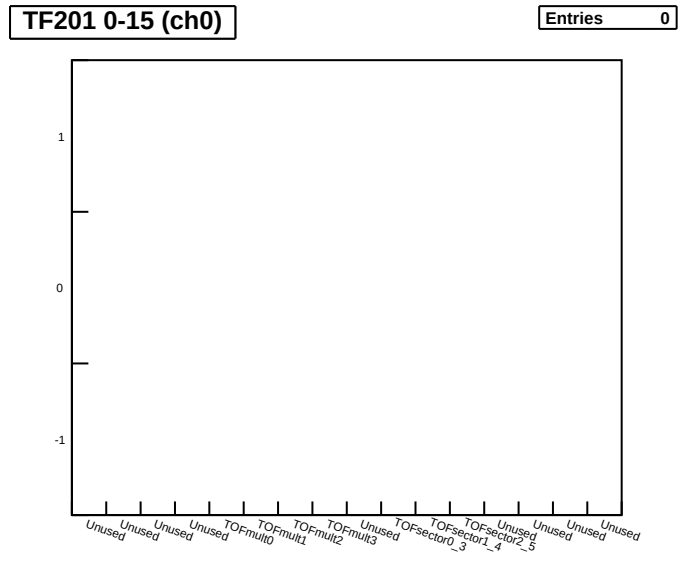

Entries 179356
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

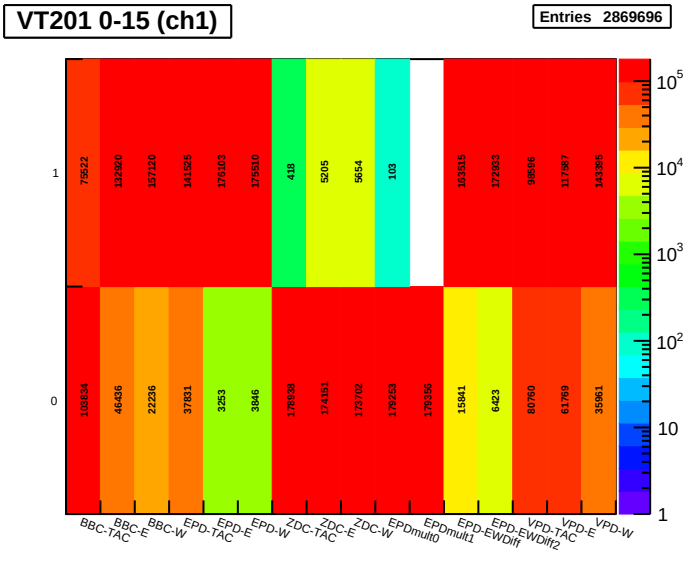

Entries 179356
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

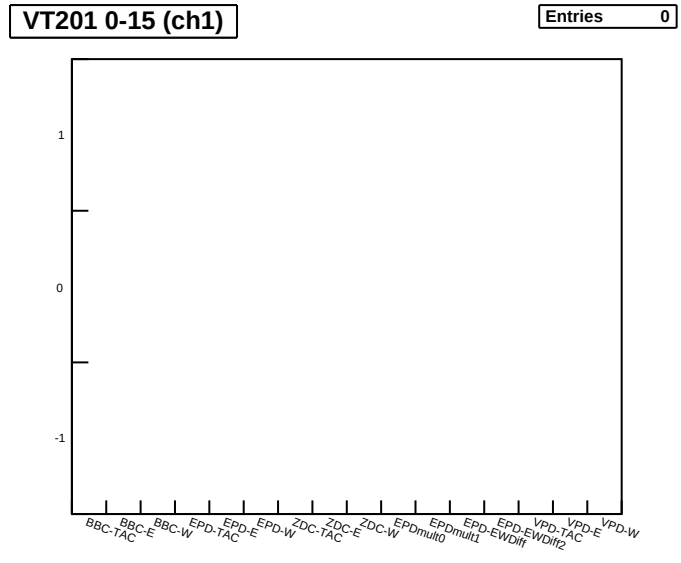

Laser Input Bits
Entries 179356
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

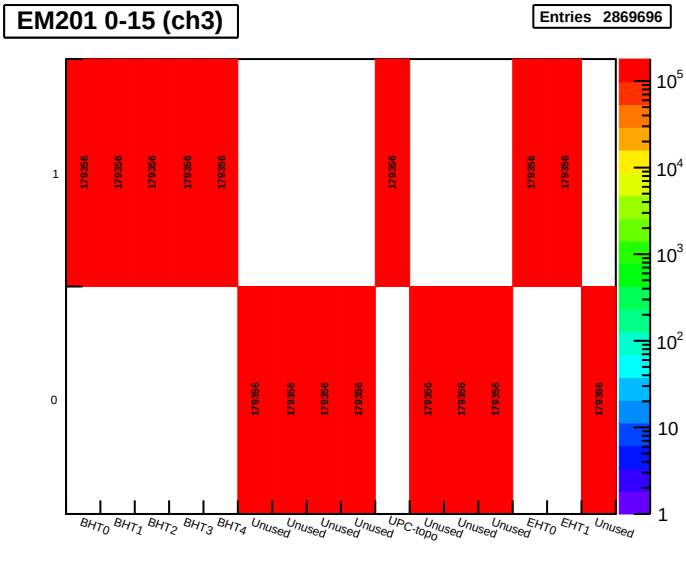

ST201 0-15 (ch6)
Entries 2869696
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
179356
179356
179356
179356
179356
179356
179356
179356
179356
179356
179356
179356
179356
179356
179355
179350
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

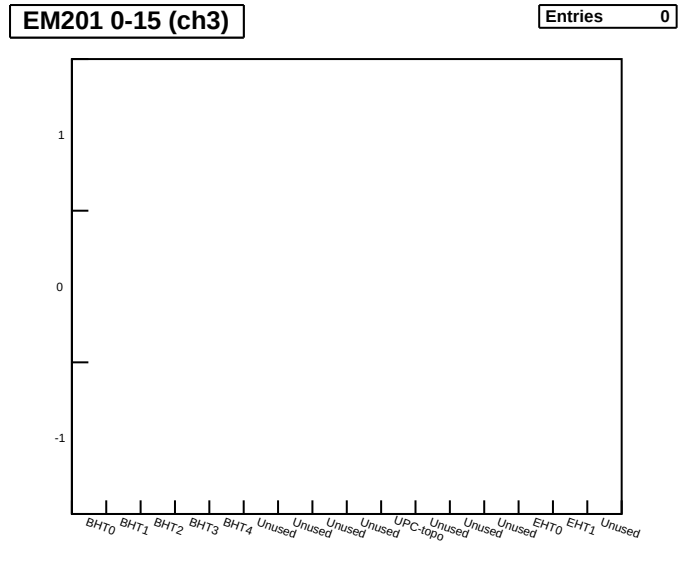

TF201 0-15 (ch0)
Entries 2869696
179356 176825 162332 155743 118671 149544 150222 148237 179356 179356 179356
179356 179356 179356 2531 17024 23613 60685 179356 29812 29134 31119 179356
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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


VT201 0-15 (ch1)
Entries 2869696
75522 132920 157120 141525 176103 175510 418 5205 5654 103 163515 172933 96596 117887 143395
103834 46436 22236 37831 3253 3846 178938 174151 173702 179253 179356 15841 6423 80760 61769 35961
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff 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 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 2869696
179356 179356 179356 179356 179356 179356 179356
179356 179356 179356 179356 179356 179356 179356 179356
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