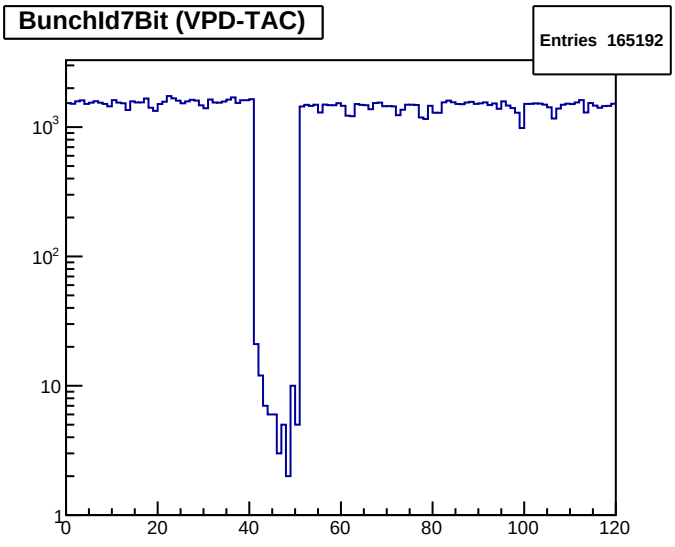
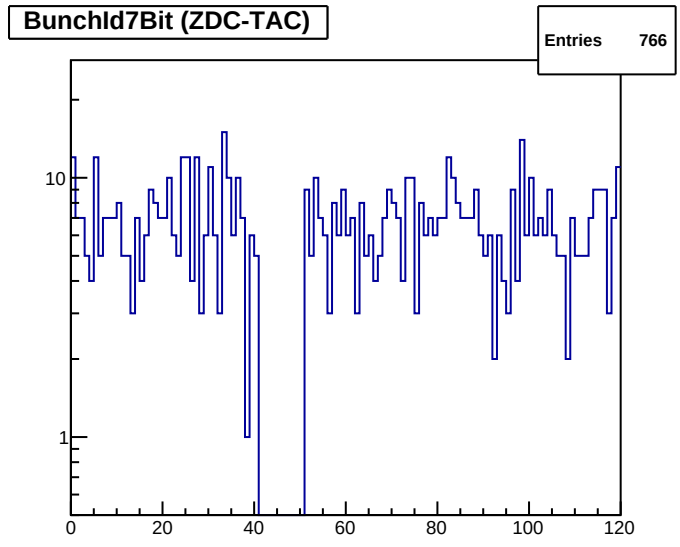
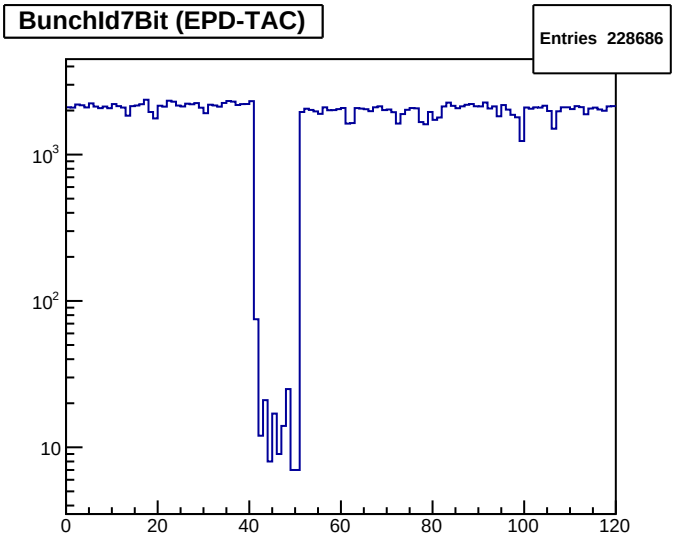
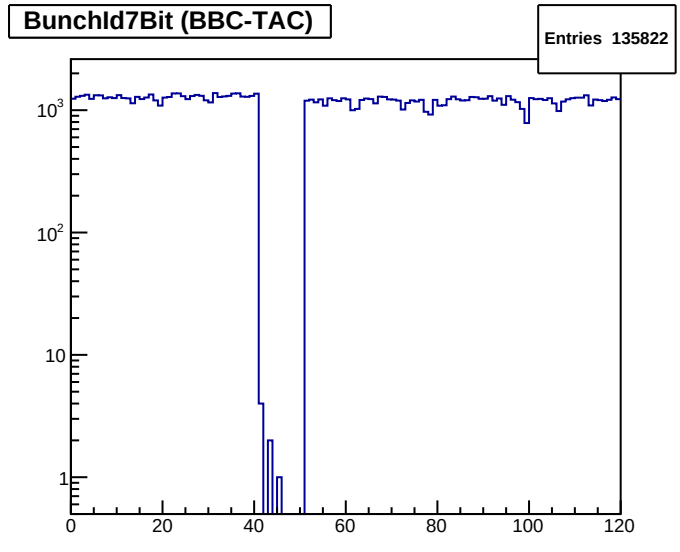
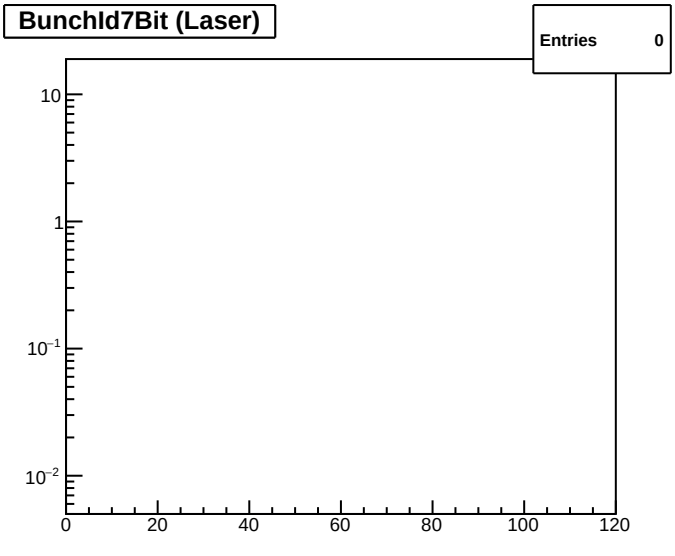
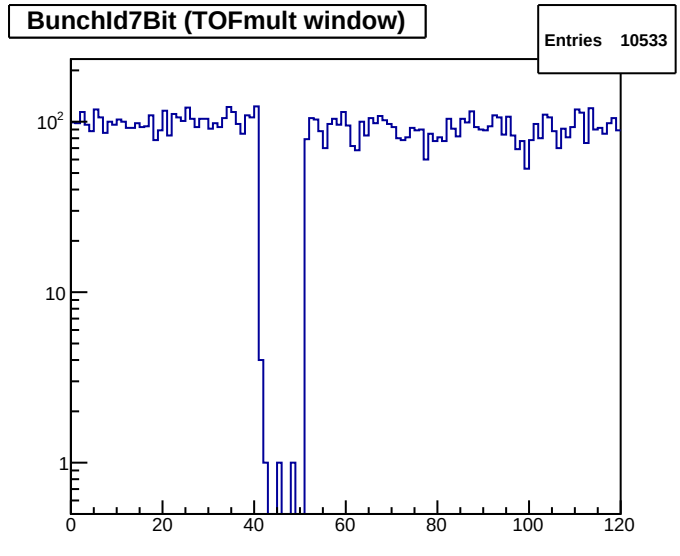

BunchId7Bit (VPD-TAC)
Entries 165192

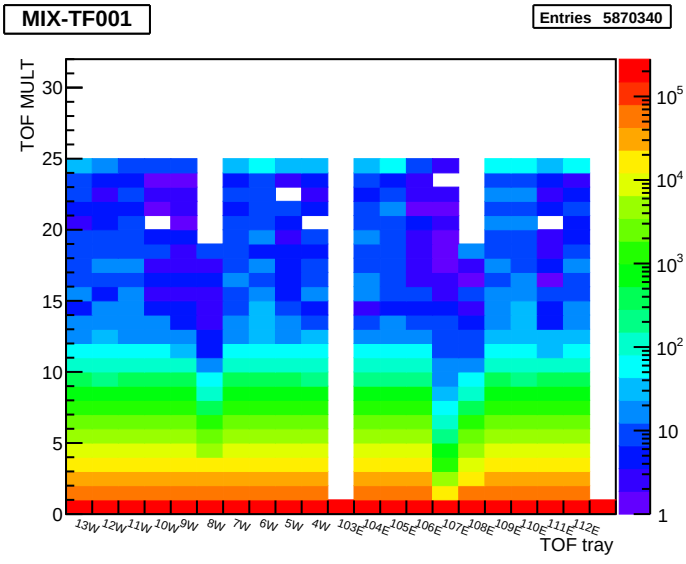

BunchId7Bit (ZDC-TAC)
Entries 766

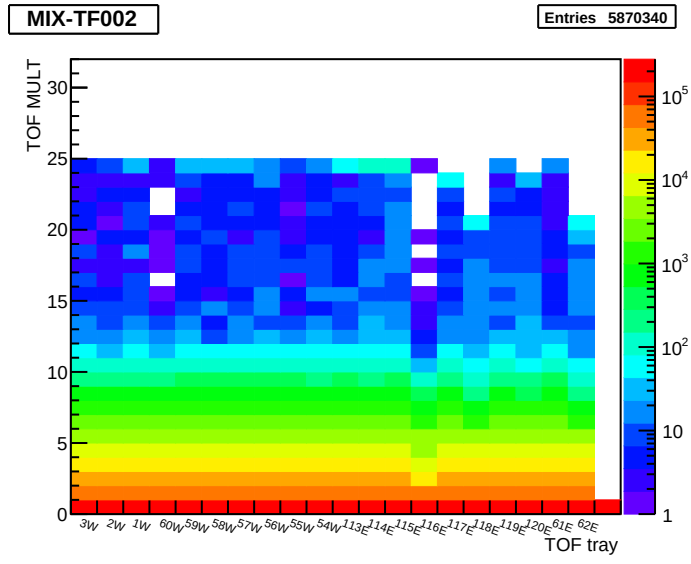

BunchId7Bit (EPD-TAC)
Entries 228686

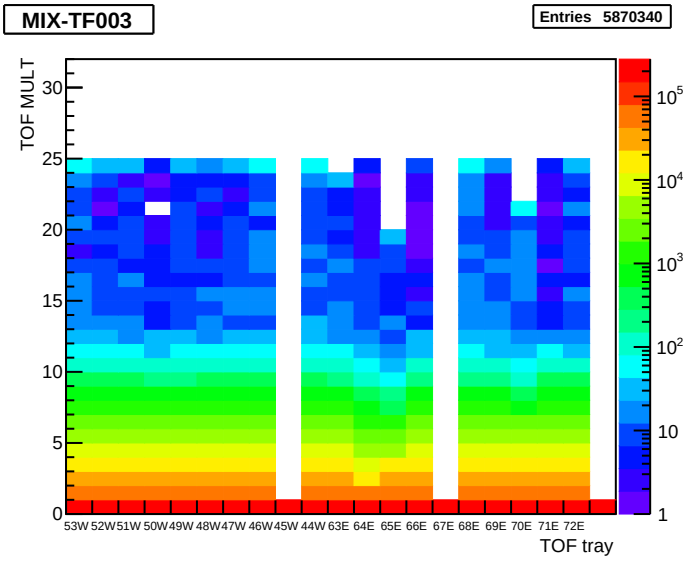

BunchId7Bit (BBC-TAC)
Entries 135822

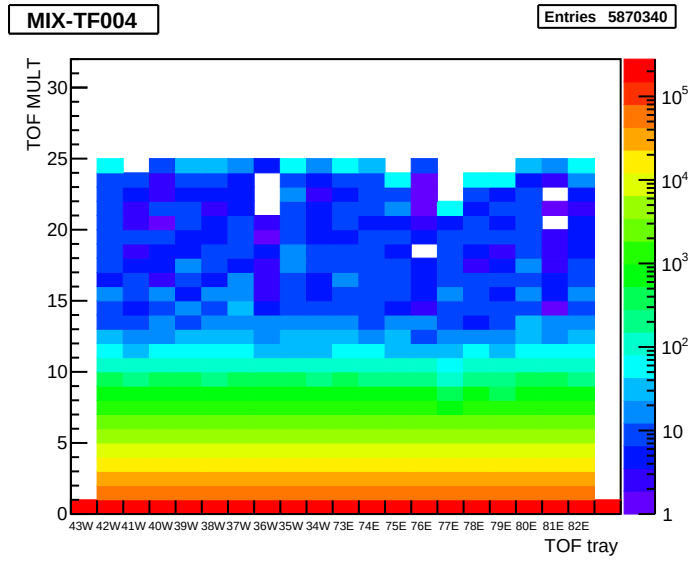

BunchId7Bit (Laser)
Entries 0

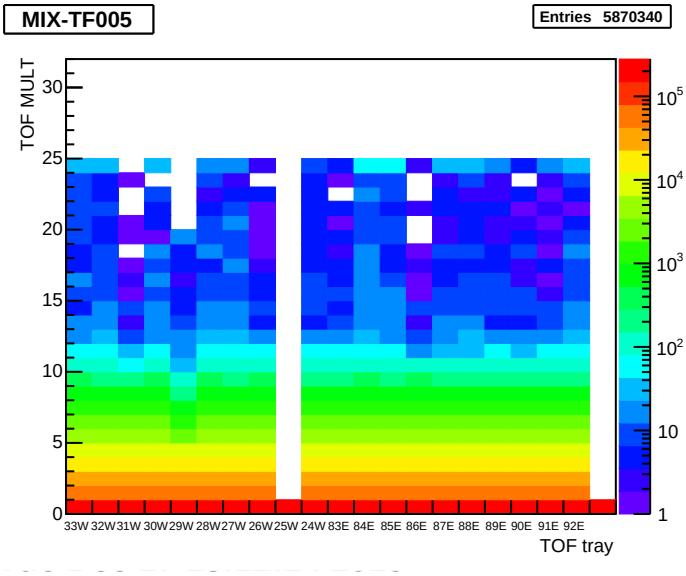

BunchId7Bit (TOFmult window)
Entries 10533

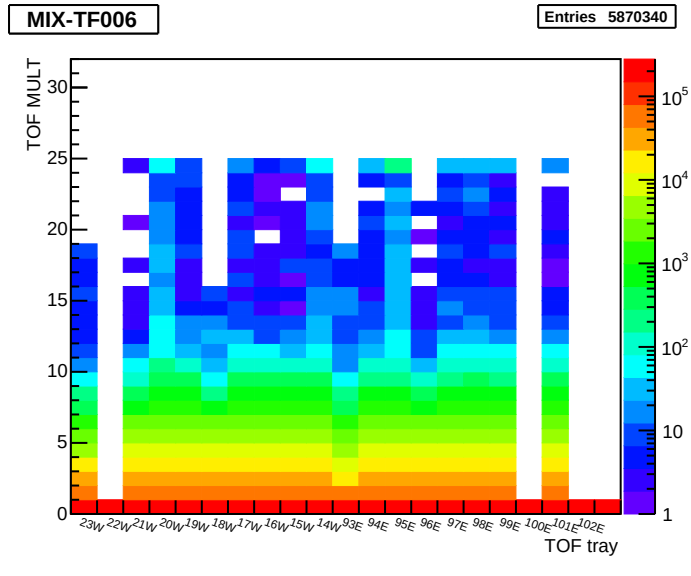

MIX-TF001
Entries 5870340
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

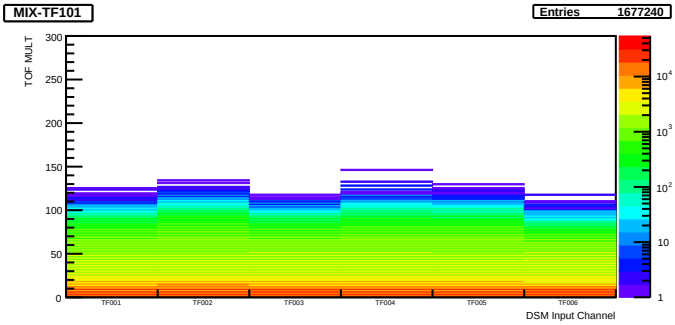

MIX-TF002
Entries 5870340
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

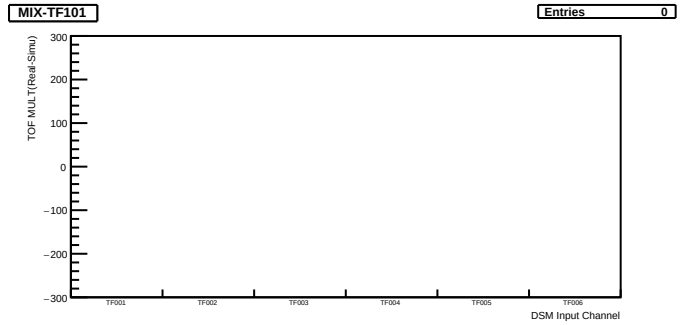

MIX-TF003
Entries 5870340
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

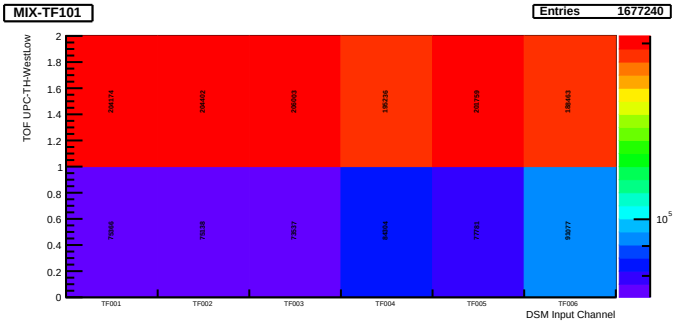

MIX-TF004
Entries 5870340
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

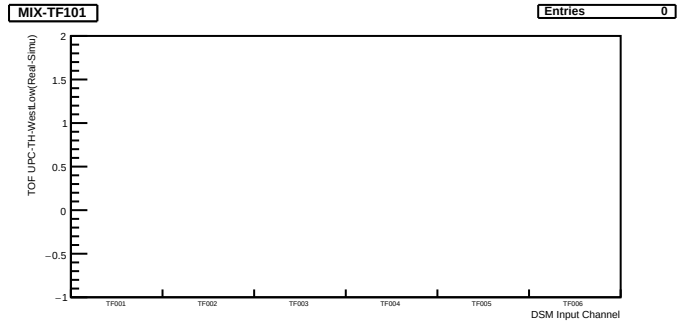

MIX-TF005
Entries 5870340
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

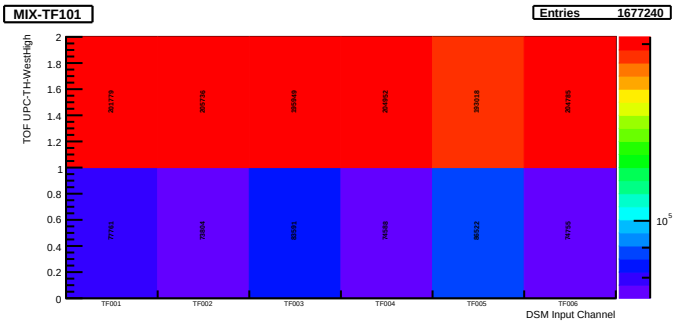

MIX-TF006
Entries 5870340
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

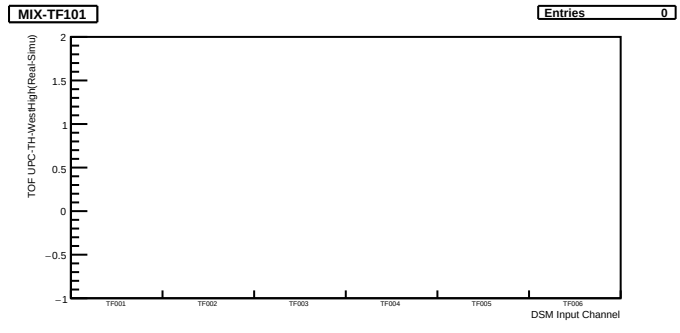

MIX-TF101
Entries 1677240
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

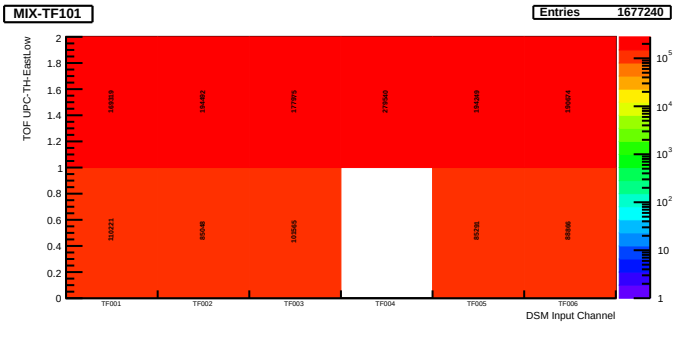

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

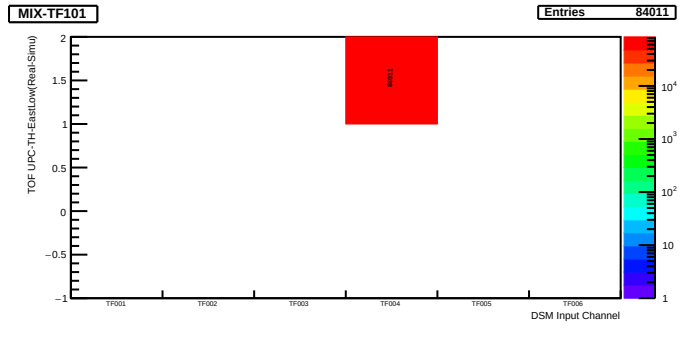

MIX-TF101
Entries 1677240
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

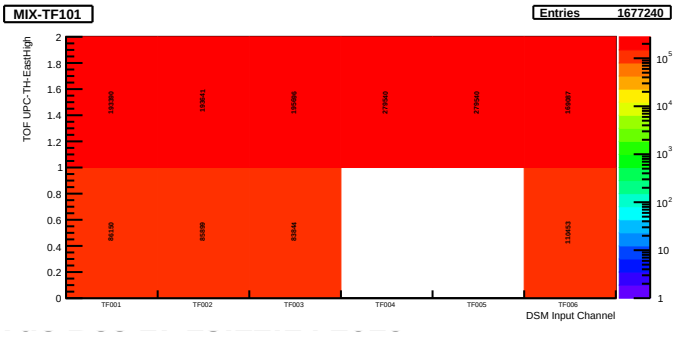

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

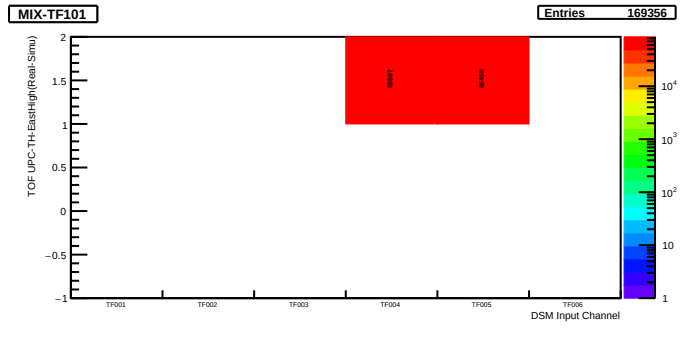

MIX-TF101
Entries 1677240
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

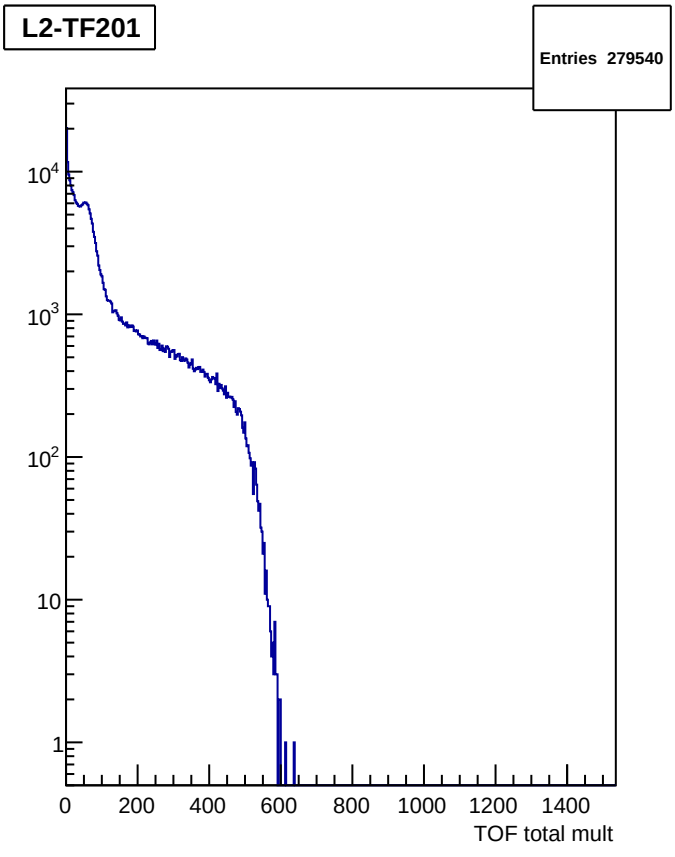

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

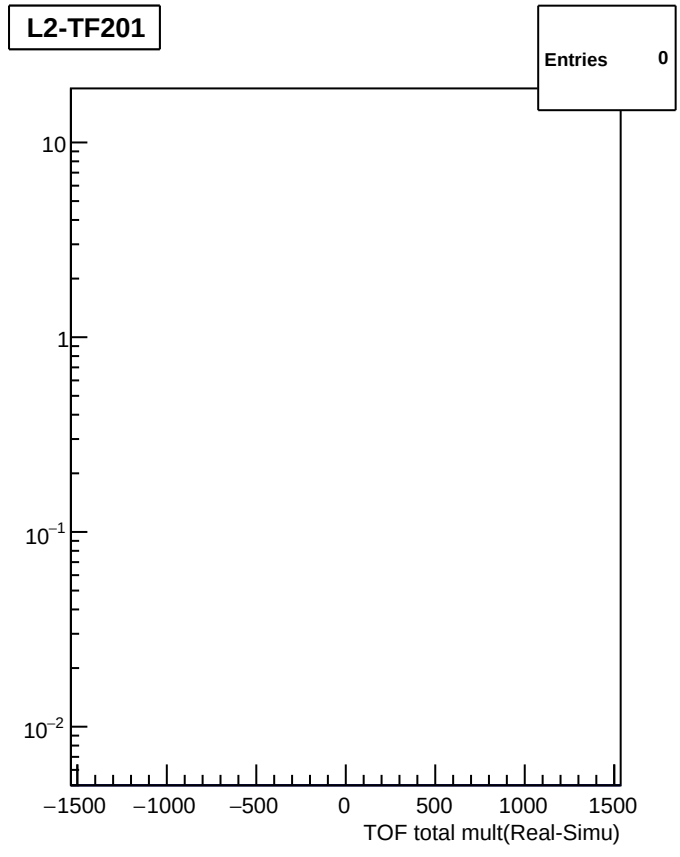

MIX-TF101
Entries 1677240
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

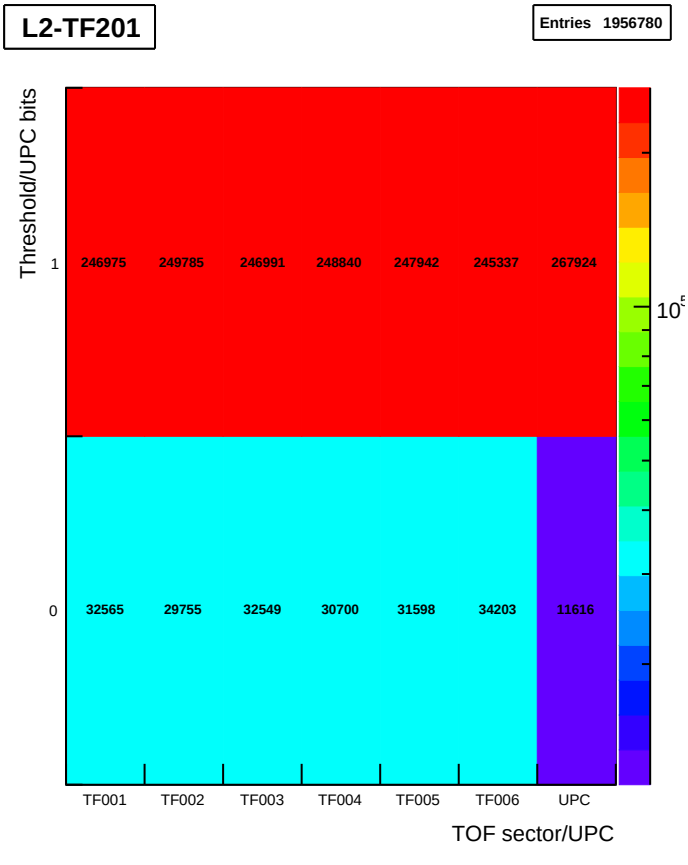

MIX-TF101
Entries 84011
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

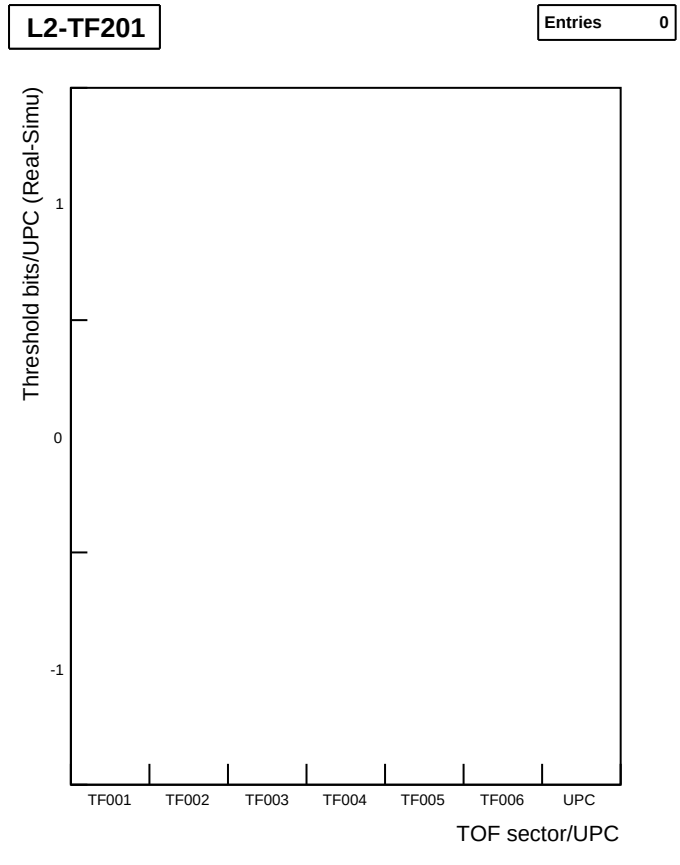

MIX-TF101
Entries 1677240
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

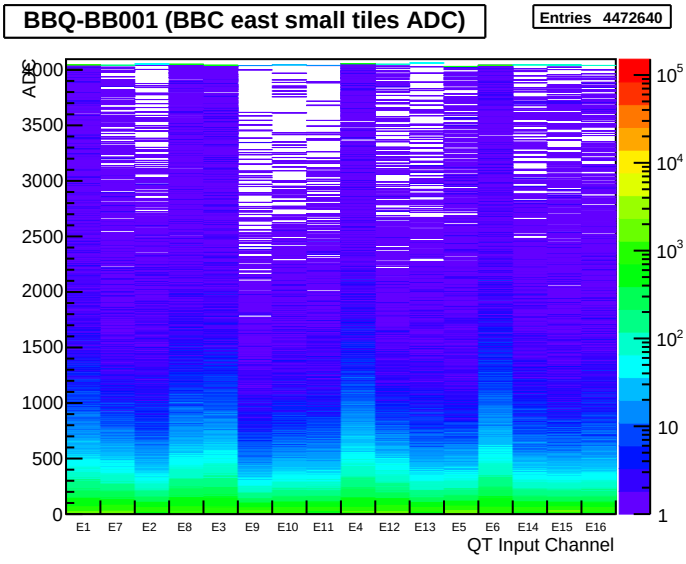

MIX-TF101
Entries 169356
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

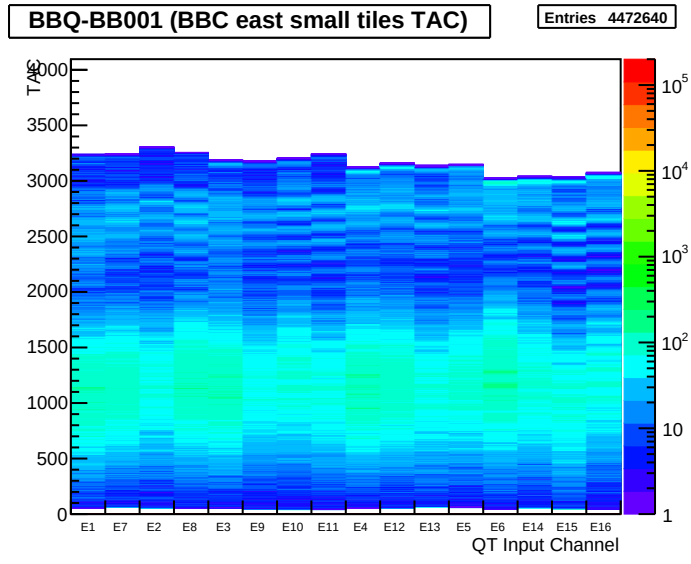

L2-TF201
Entries 279540
TOF total mult

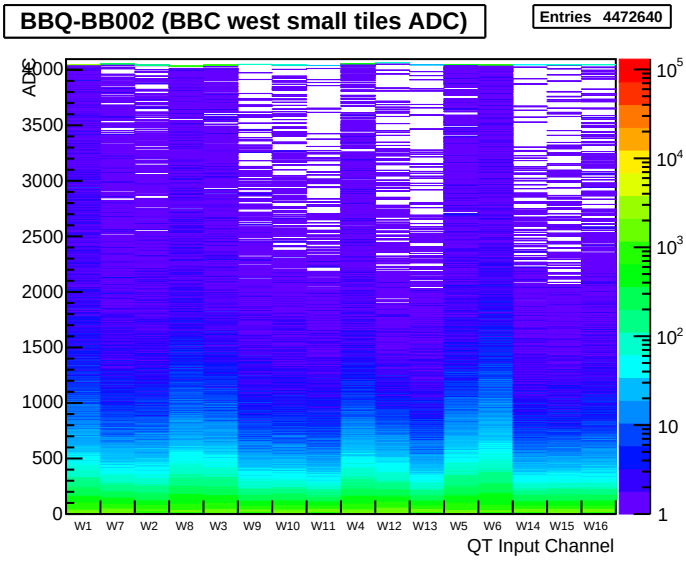

L2-TF201
Entries 0
TOF total mult(Real-Simu)

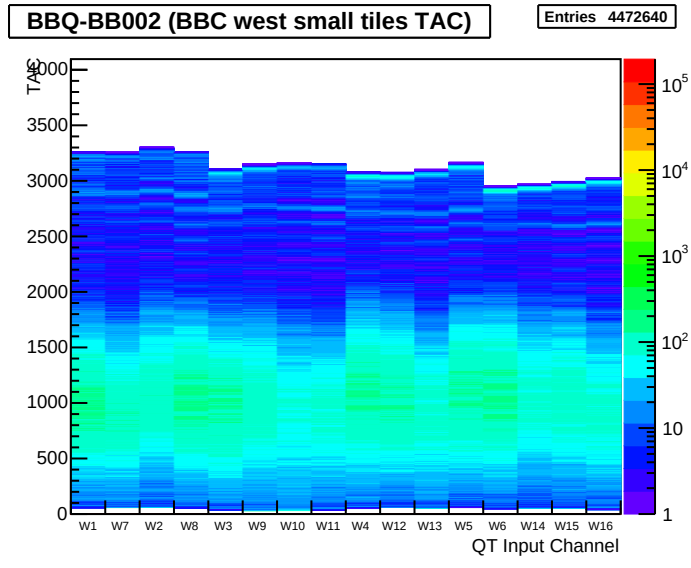

L2-TF201
Entries 1956780
Threshold/UPC bits
246975
249785
246991
248840
247942
245337
267924
32565
29755
32549
30700
31598
34203
11616
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

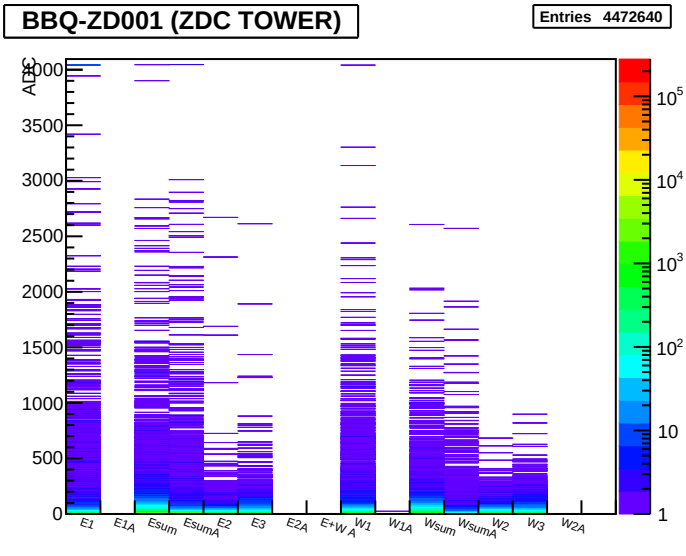

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

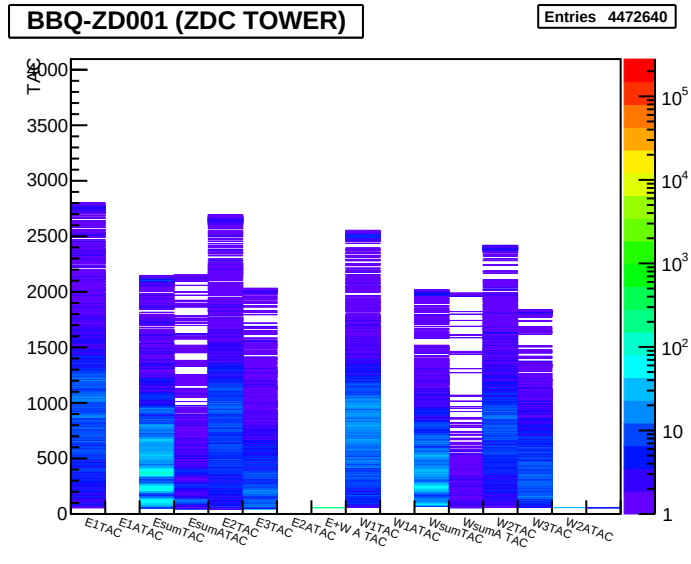

BBQ-BB001 (BBC east small tiles ADC)
Entries 4472640
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

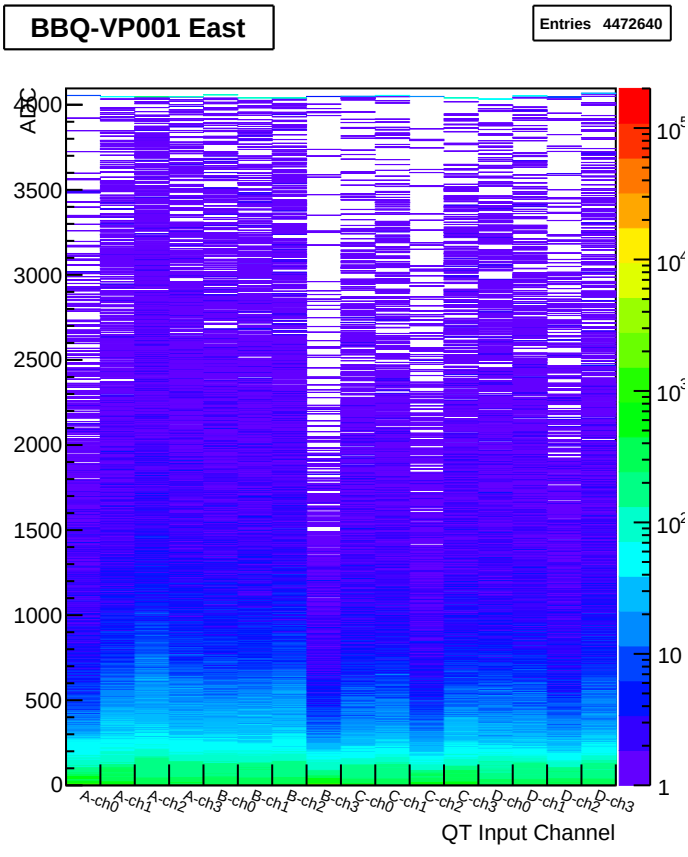

BBQ-BB001 (BBC east small tiles TAC)
Entries 4472640
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

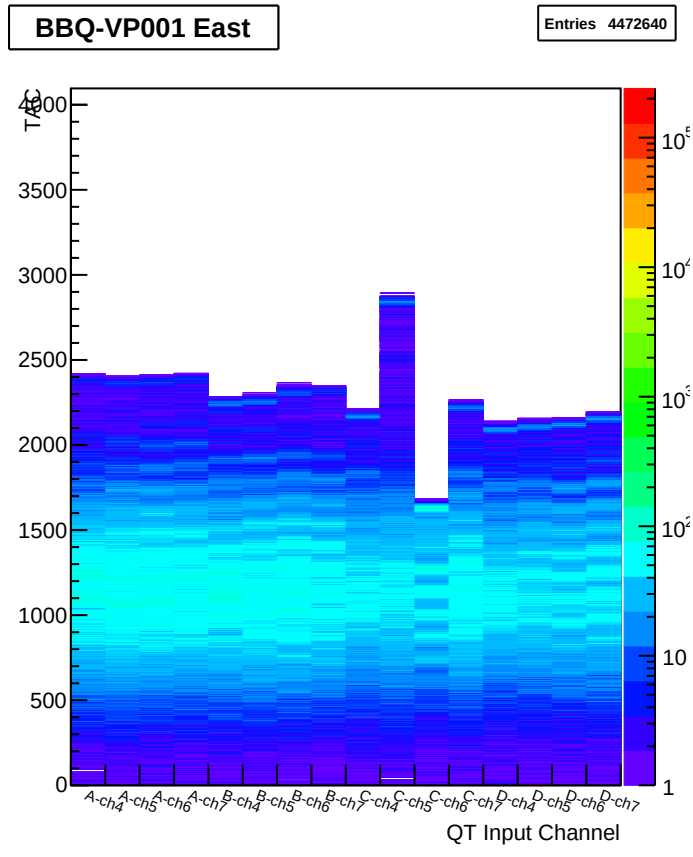

BBQ-BB002 (BBC west small tiles ADC)
Entries 4472640
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

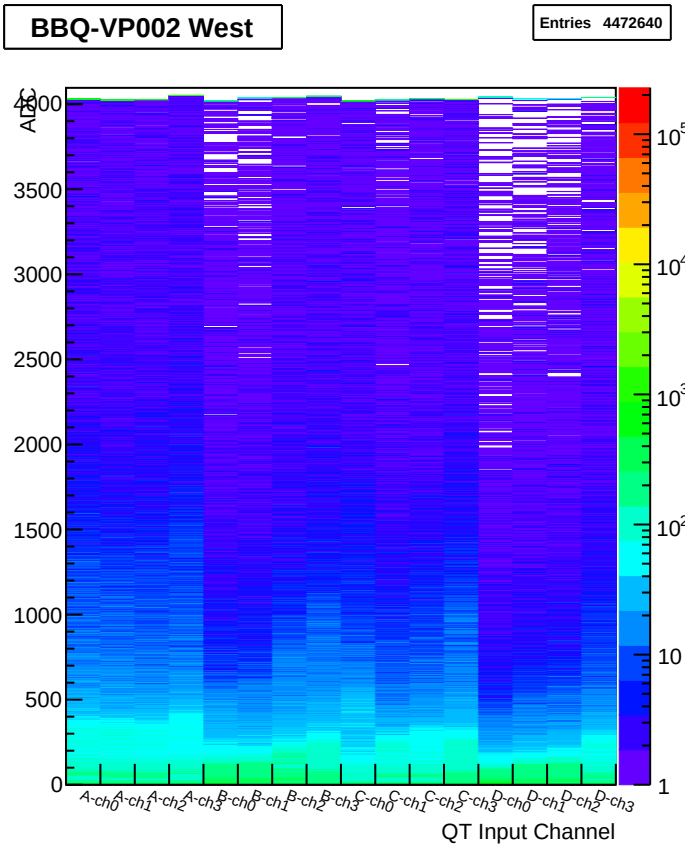

BBQ-BB002 (BBC west small tiles TAC)
Entries 4472640
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

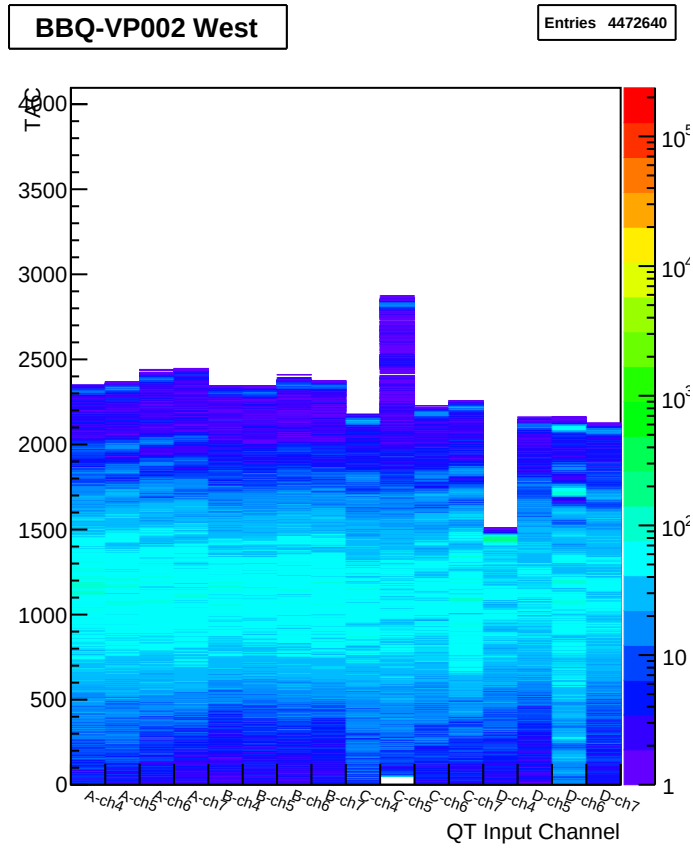

BBQ-ZD001 (ZDC TOWER)
Entries 4472640
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

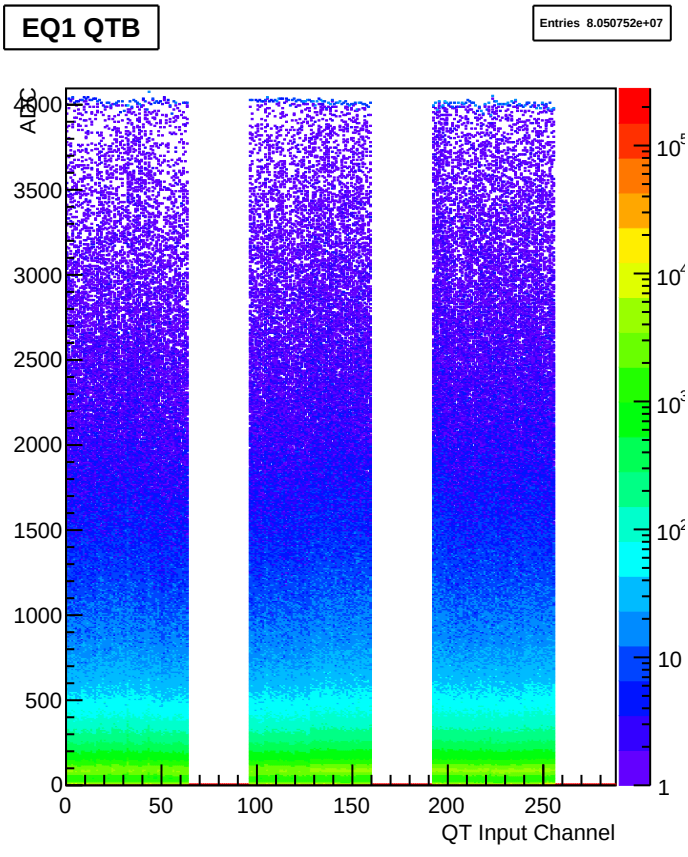

BBQ-ZD001 (ZDC TOWER)
Entries 4472640
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

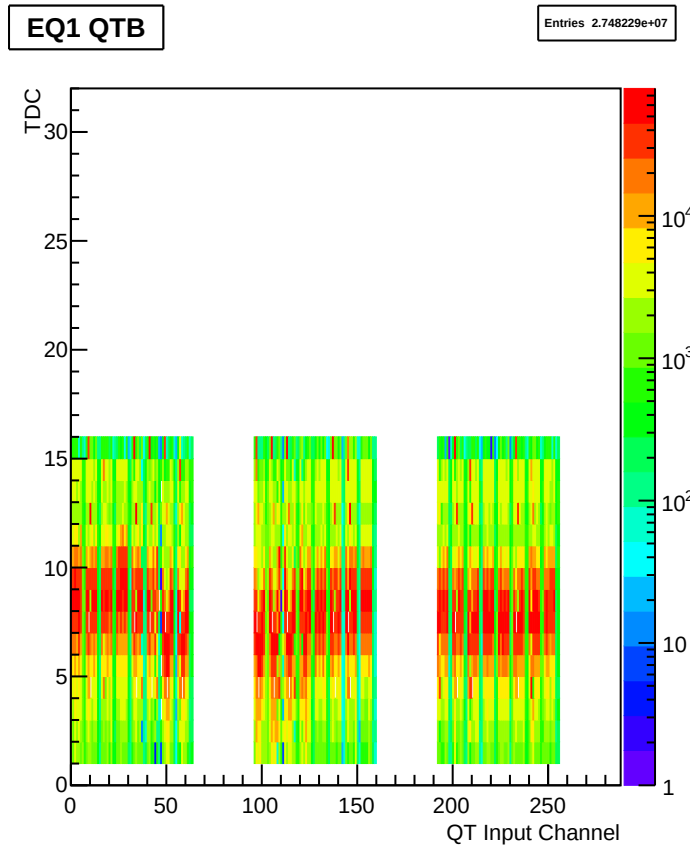

BBQ-VP001 East
Entries 4472640
ADC
QT Input Channel

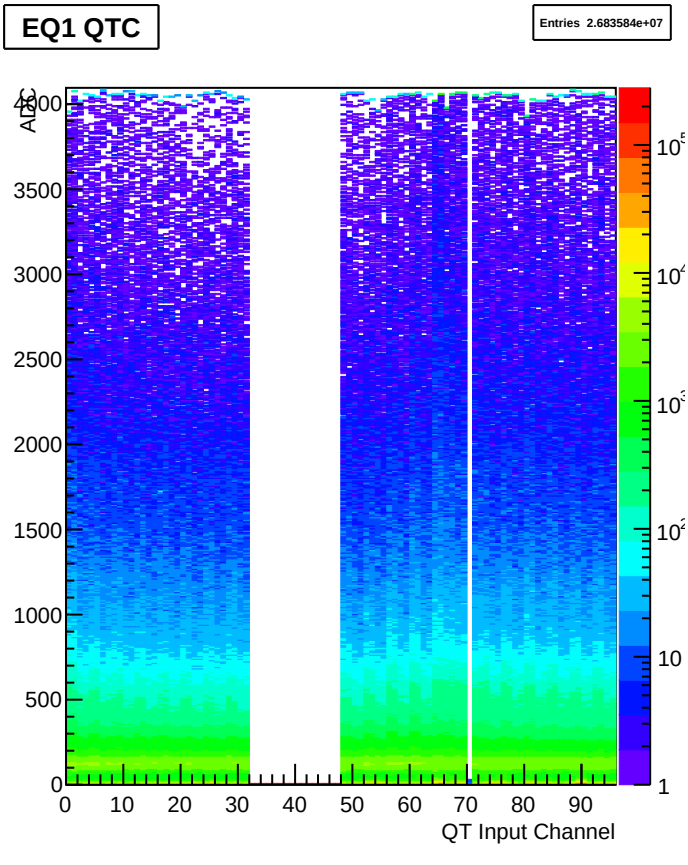

BBQ-VP001 East
Entries 4472640
TADC
QT Input Channel

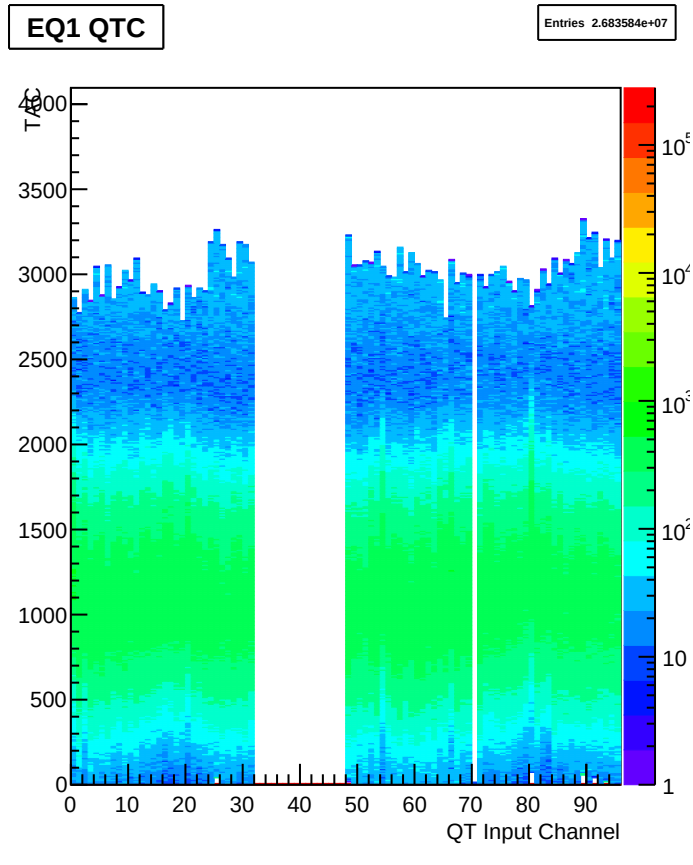

BBQ-VP002 West
Entries 4472640
ADC
QT Input Channel

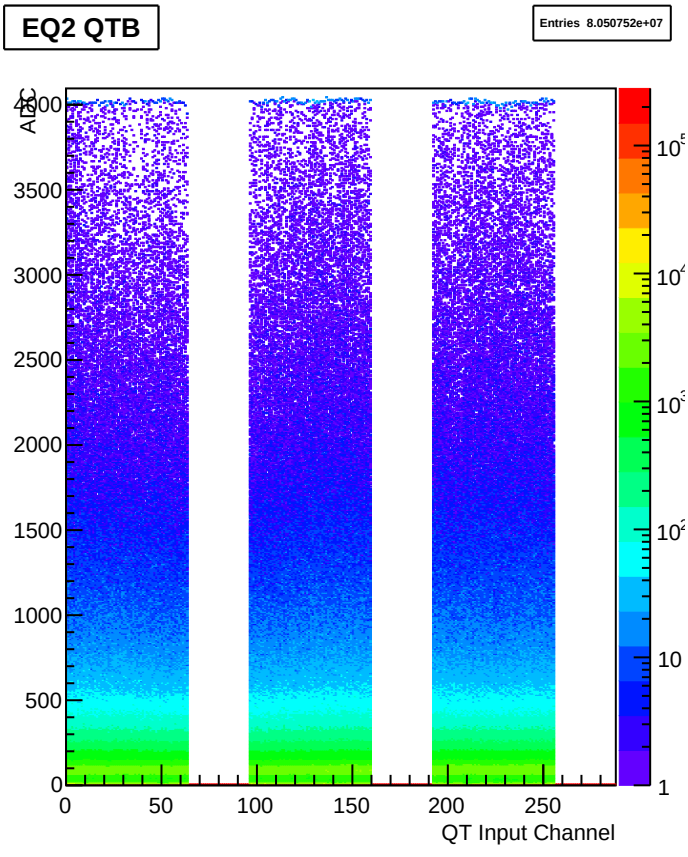

BBQ-VP002 West
Entries 4472640
TADC
QT Input Channel

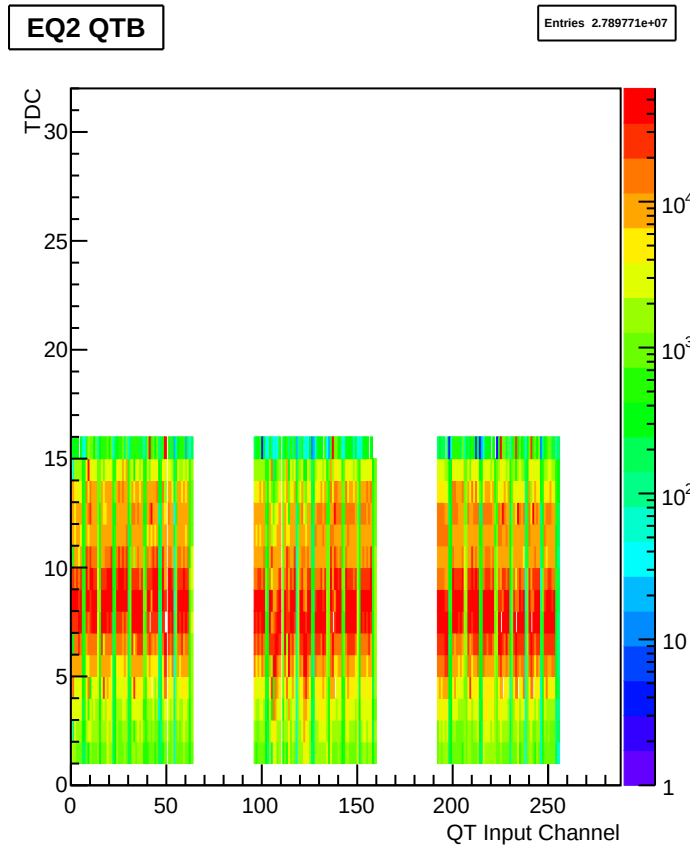

EQ1 QTB
Entries 8.050752e+07
ADC
QT Input Channel

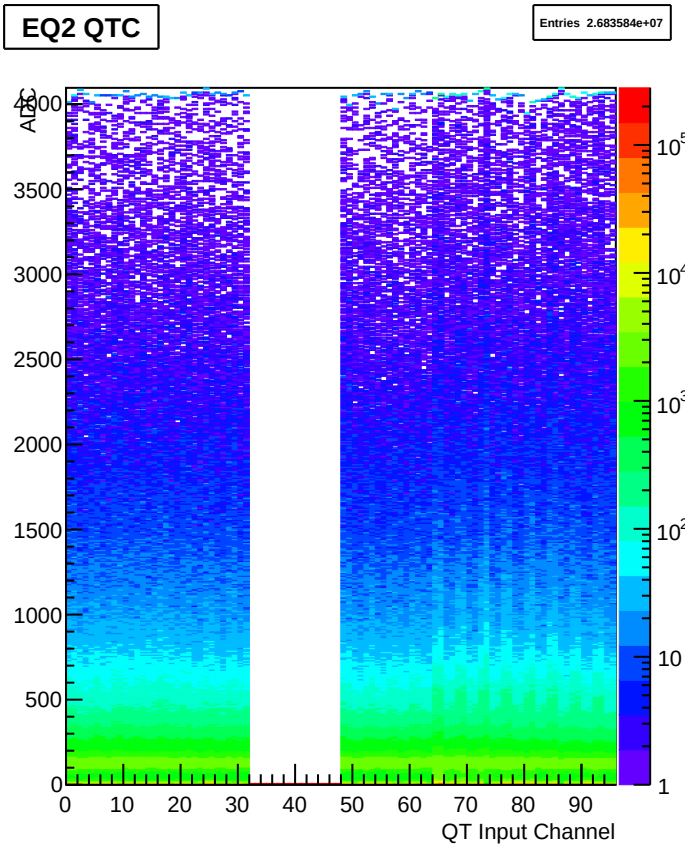

EQ1 QTB
Entries 2.748229e+07
TDC
QT Input Channel

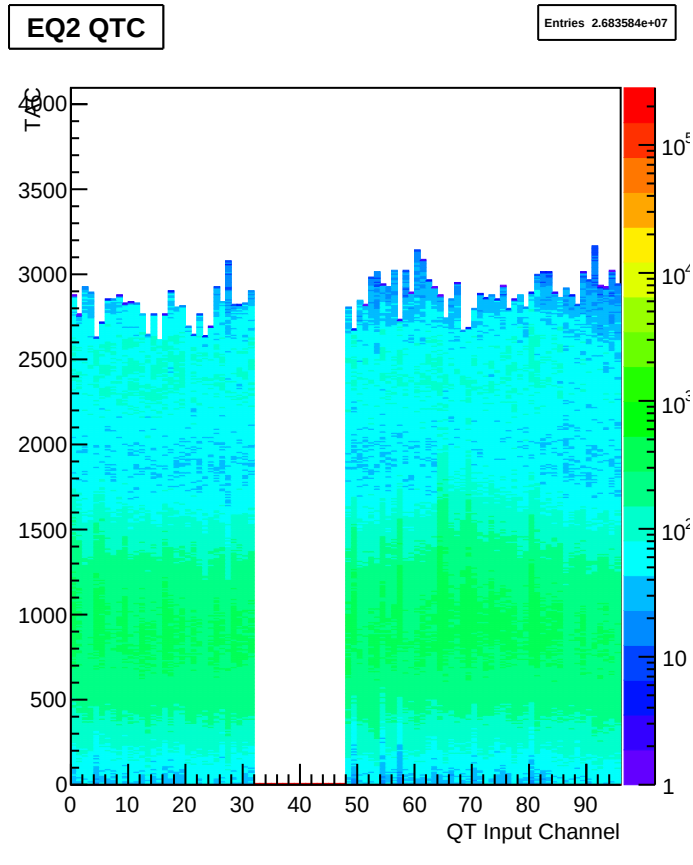

EQ1 QTC
Entries 2.683584e+07
ADC
QT Input Channel

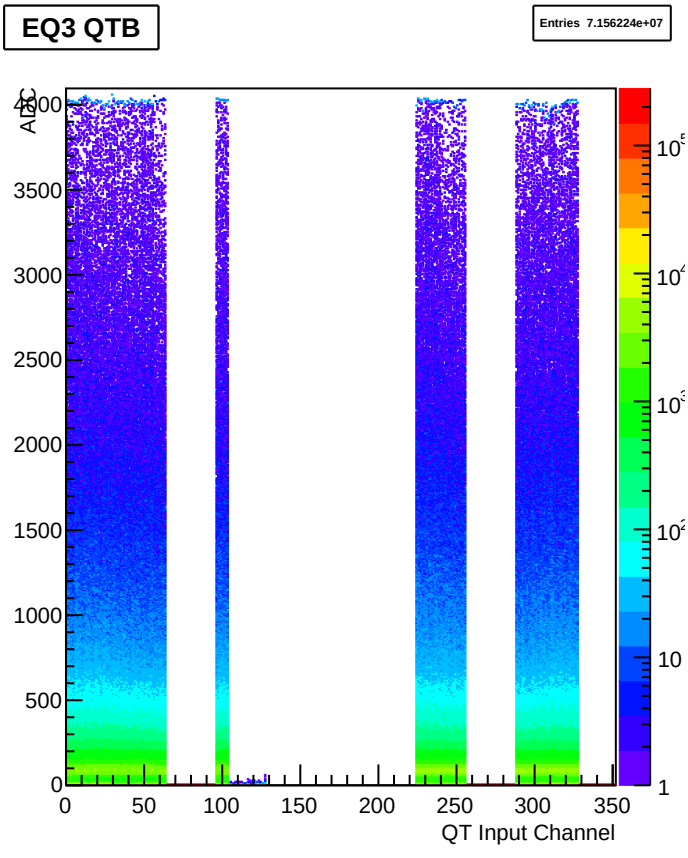

EQ1 QTC
Entries 2.683584e+07
TADC
QT Input Channel

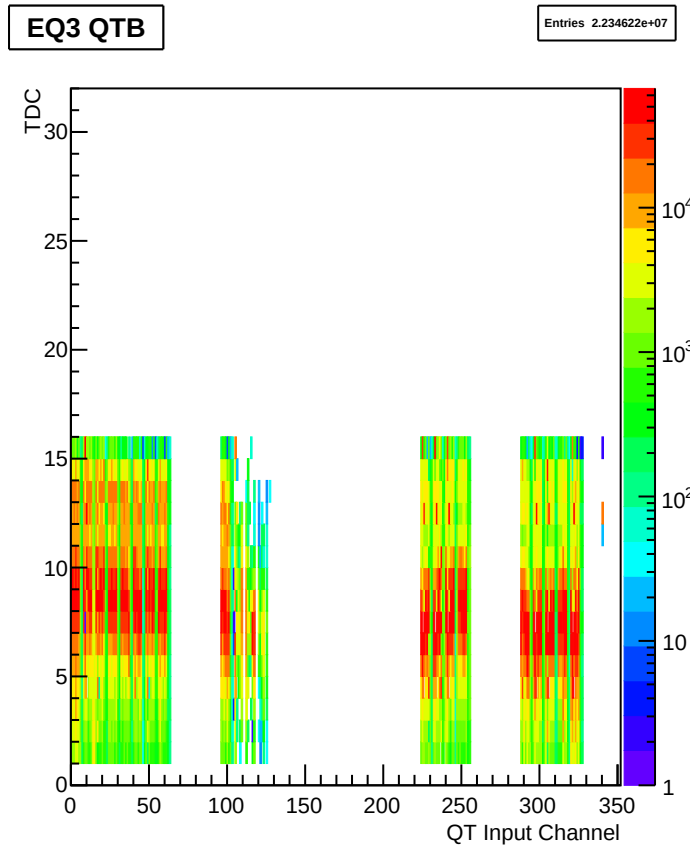

EQ2 QTB
Entries 8.050752e+07
ADC
QT Input Channel

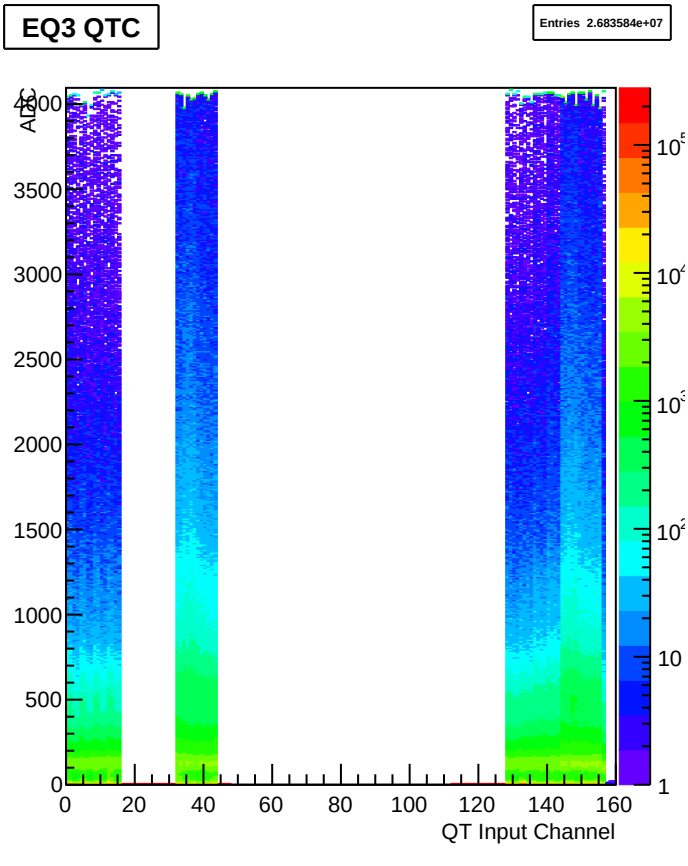

EQ2 QTB
Entries 2.789771e+07
TDC
QT Input Channel

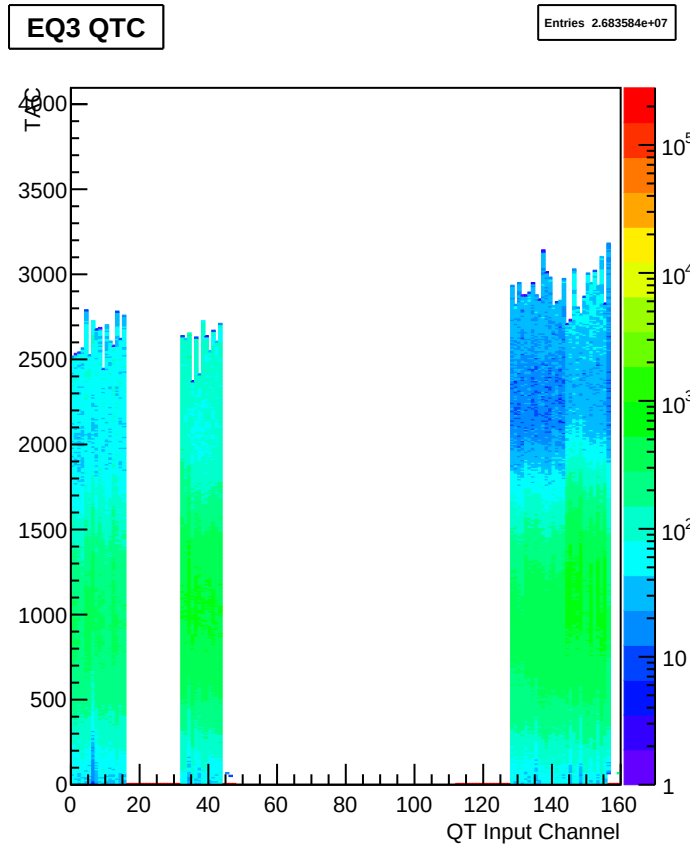

EQ2 QTC
Entries 2.683584e+07
ADC
QT Input Channel

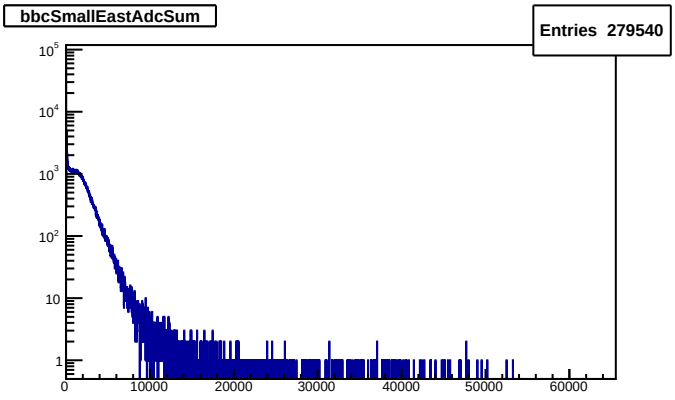

EQ2 QTC
Entries 2.683584e+07
TADC
QT Input Channel

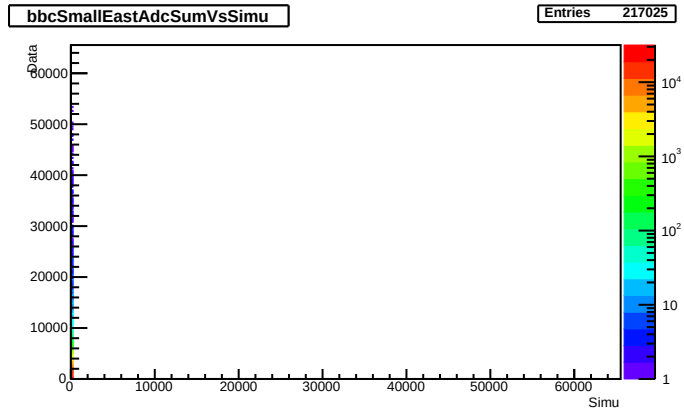

EQ3 QTB
Entries 7.156224e+07
ADC
QT Input Channel

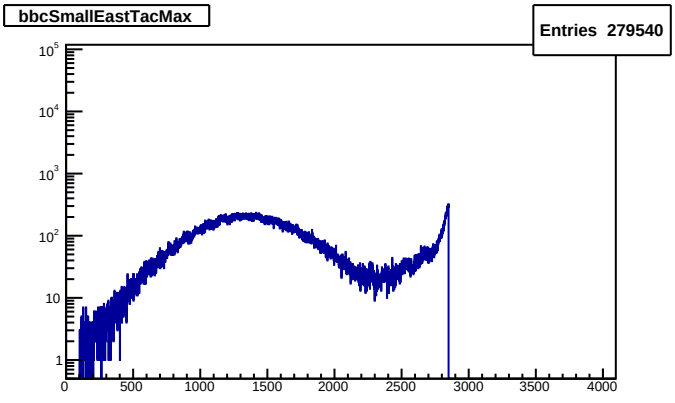

EQ3 QTB
Entries 2.234622e+07
TDC
QT Input Channel

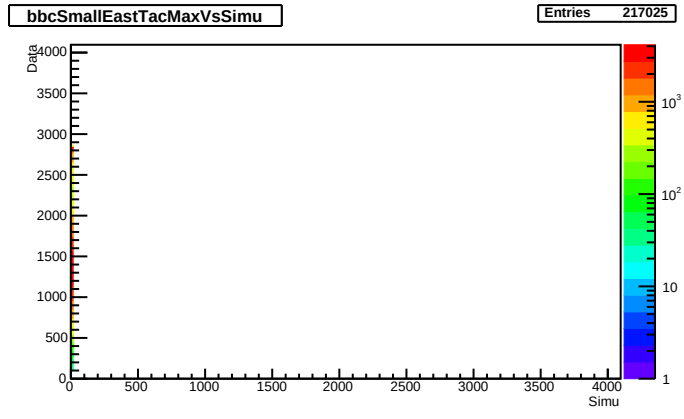

EQ3 QTC
Entries 2.683584e+07
ADC
QT Input Channel

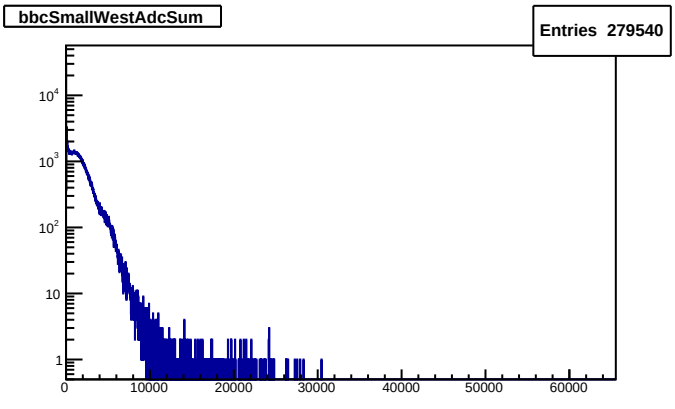

EQ3 QTC
Entries 2.683584e+07
TADC
QT Input Channel

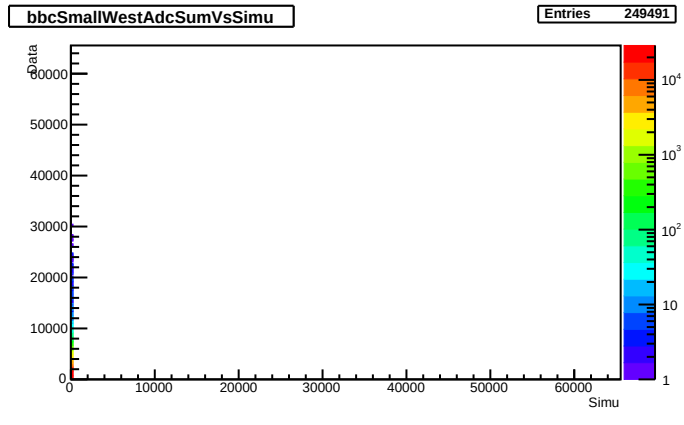

bbcSmallEastAdcSum
Entries 279540

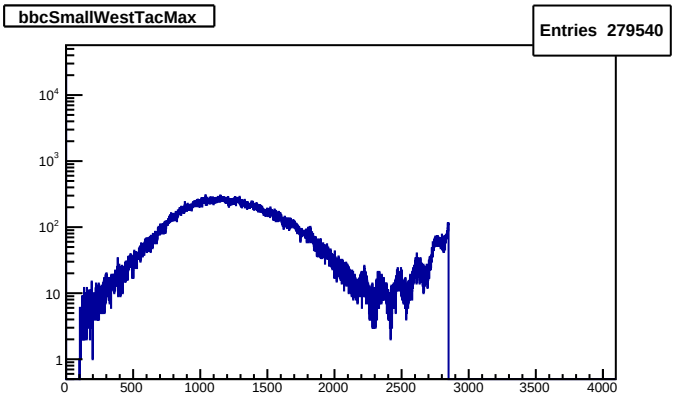

bbcSmallEastAdcSumVsSimu
Entries 217025
Data
Simu

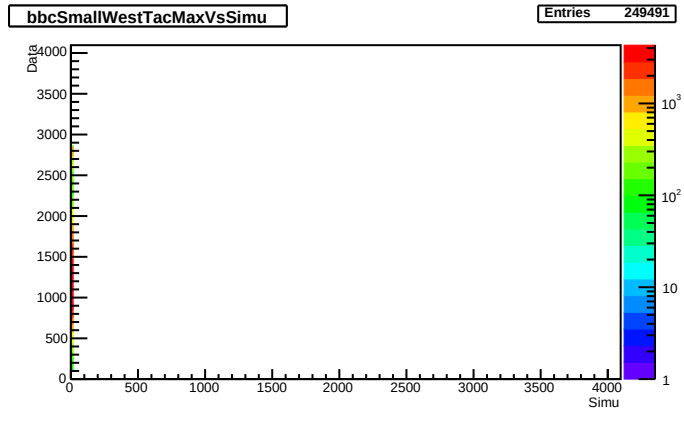

bbcSmallEastTacMax
Entries 279540


bbcSmallEastTacMaxVsSimu
Entries 217025
Data
Simu


bbcSmallWestAdcSum
Entries 279540


bbcSmallWestAdcSumVsSimu
Entries 249491
Data
Simu


bbcSmallWestTacMax
Entries 279540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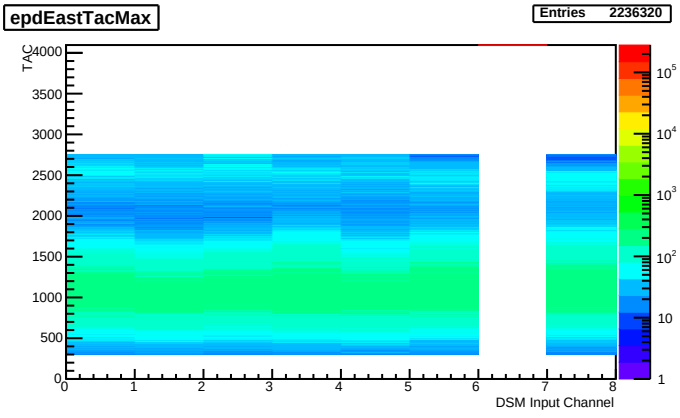
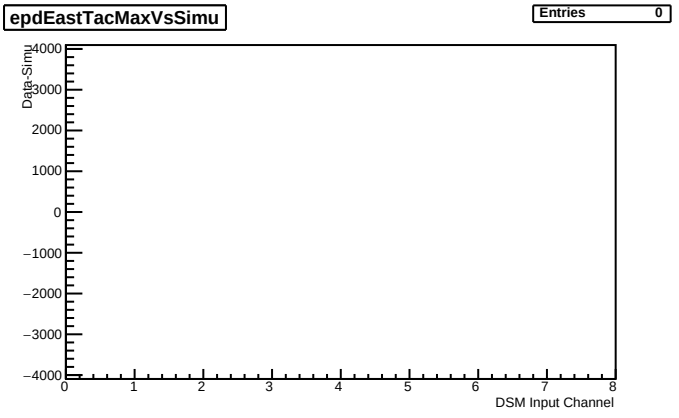
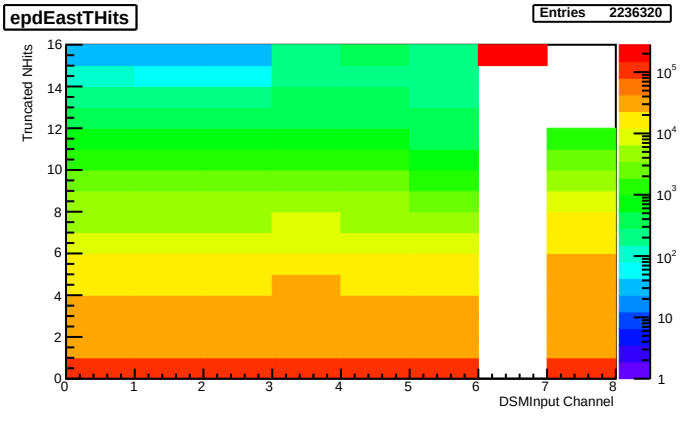
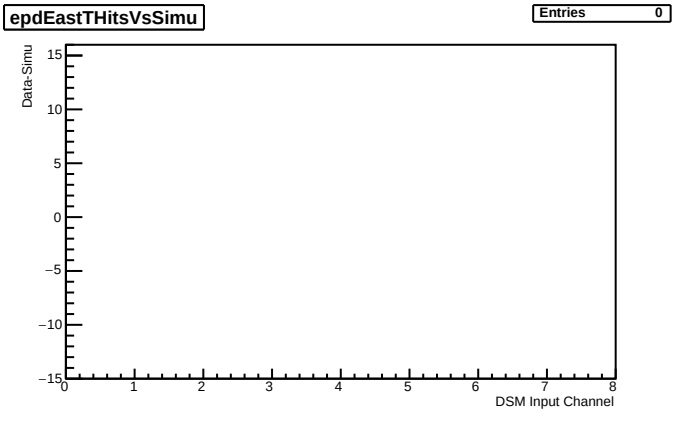
Entries 249491
Data
Simu


epdEastTacMax
Entries 2236320
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2236320
Truncated NHits
DSMInput Channel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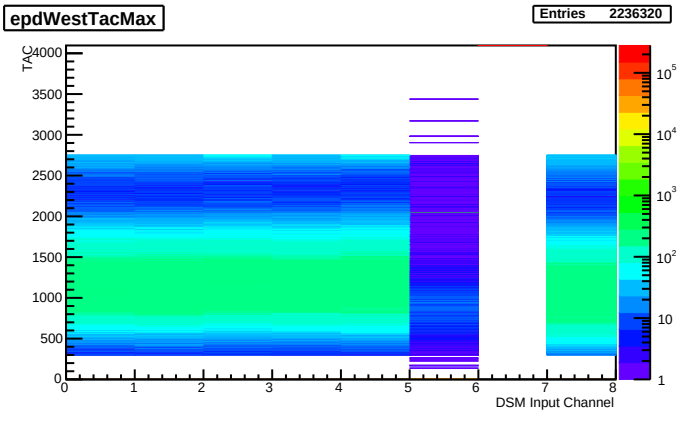
Data-Simu
DSM Input Channel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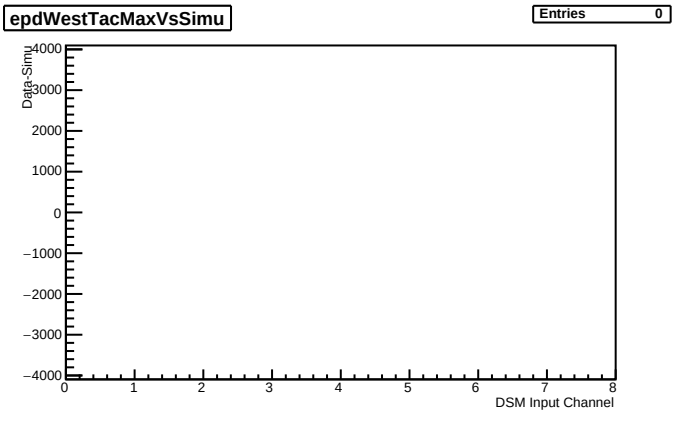
Entries 2236320
TAC
DSM Input Channel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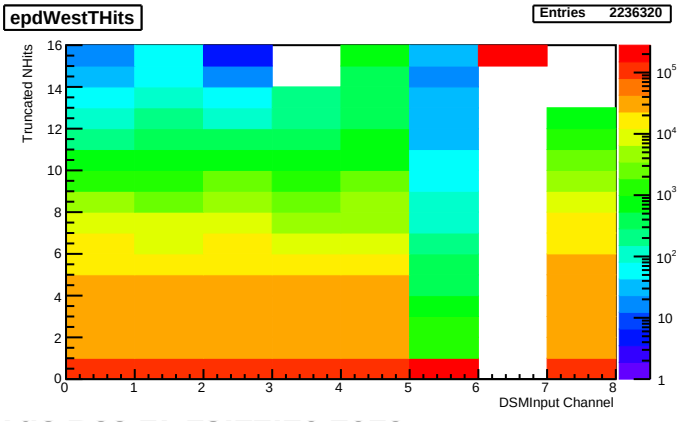
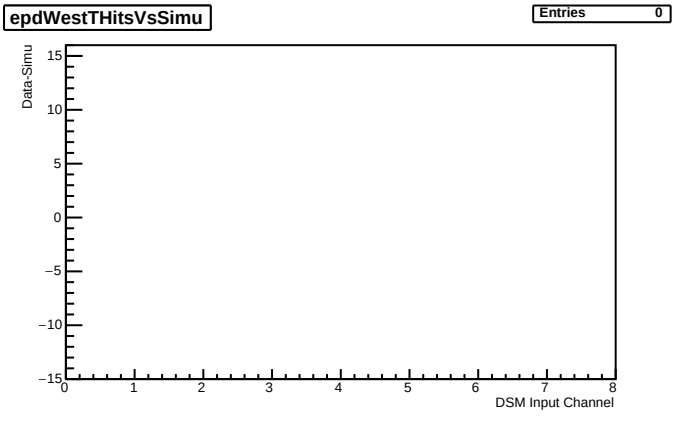
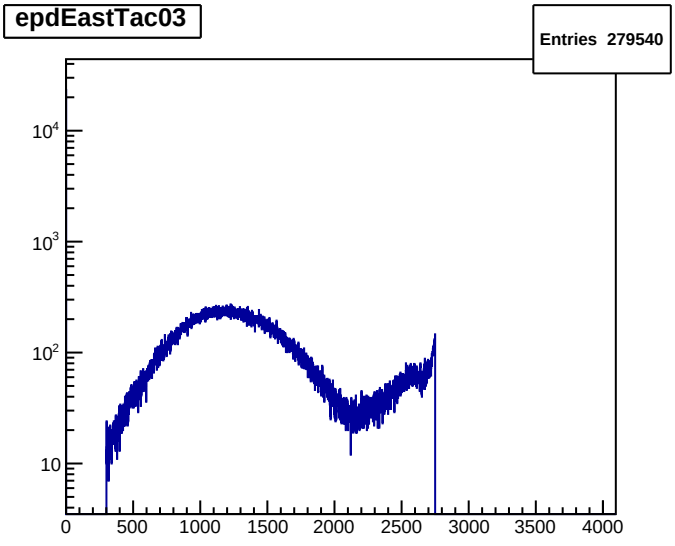
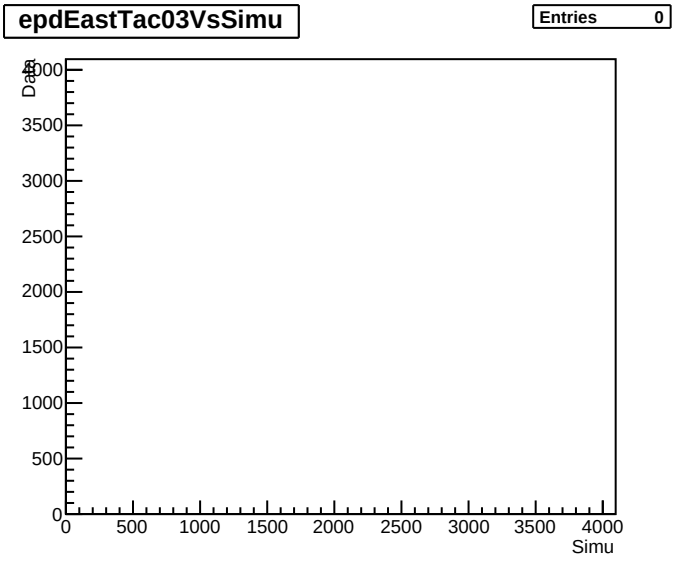
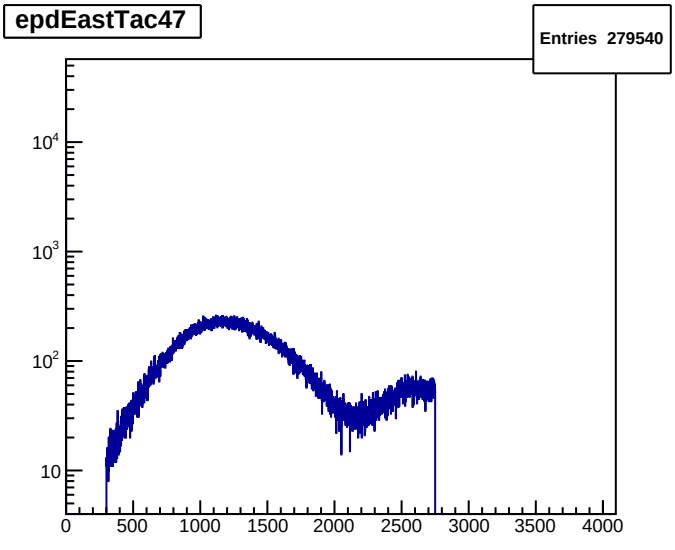
Entries 0
Data-Simu
DSM Input Channel

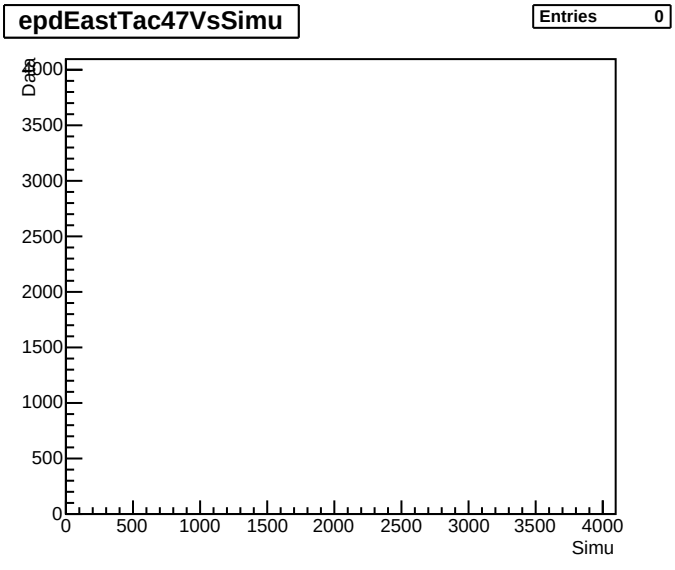

epdWestTHits
Entries 2236320
Truncated NHits
DSMInput Channel

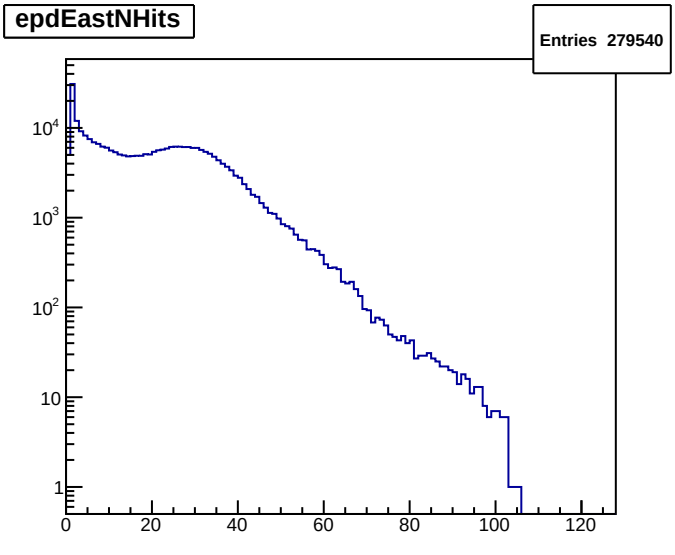

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

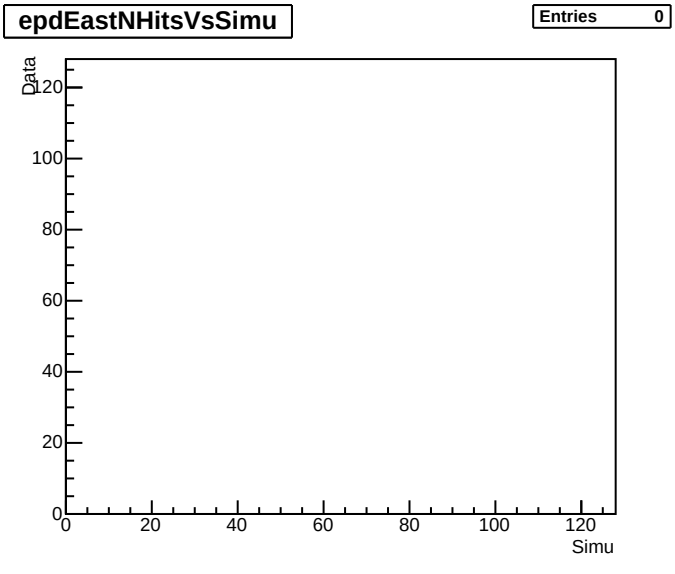

epdEastTac03
Entries 279540

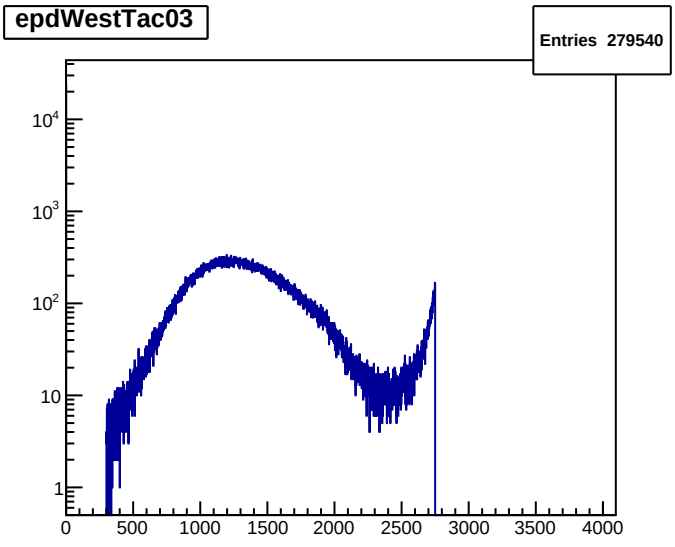

epdEastTac03VsSimu
Entries 0
Data
Simu

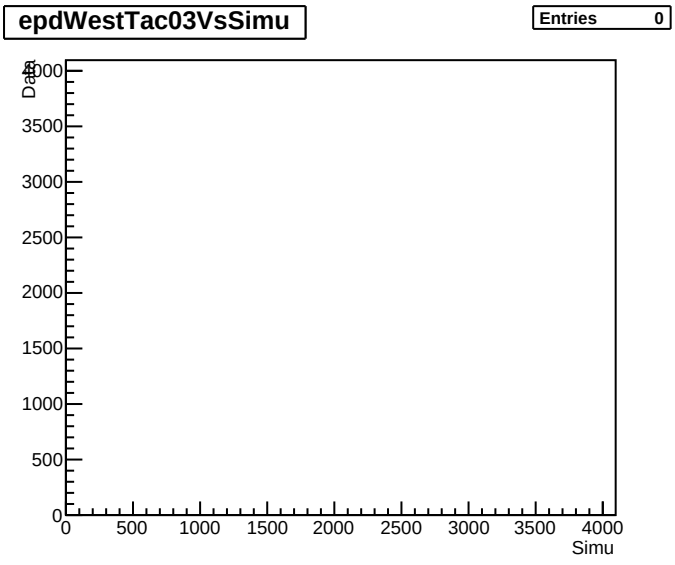

epdEastTac47
Entries 279540


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 279540


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 279540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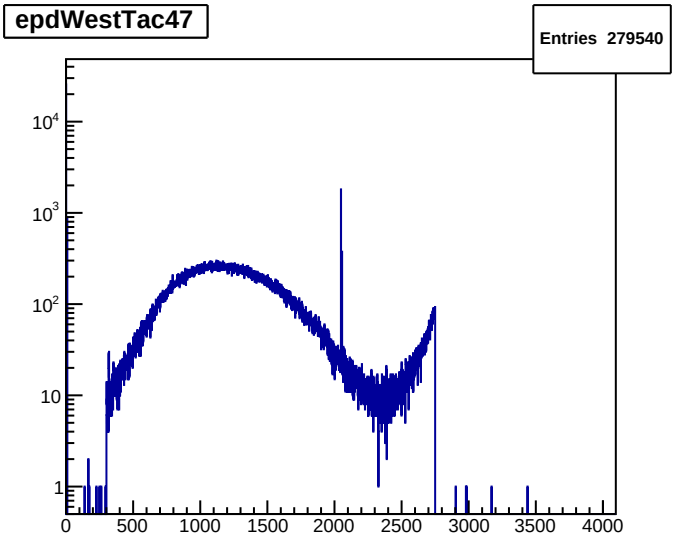
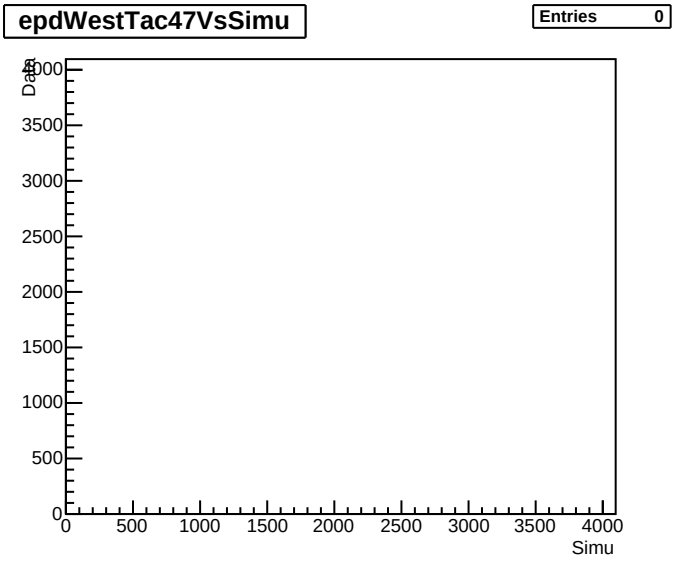
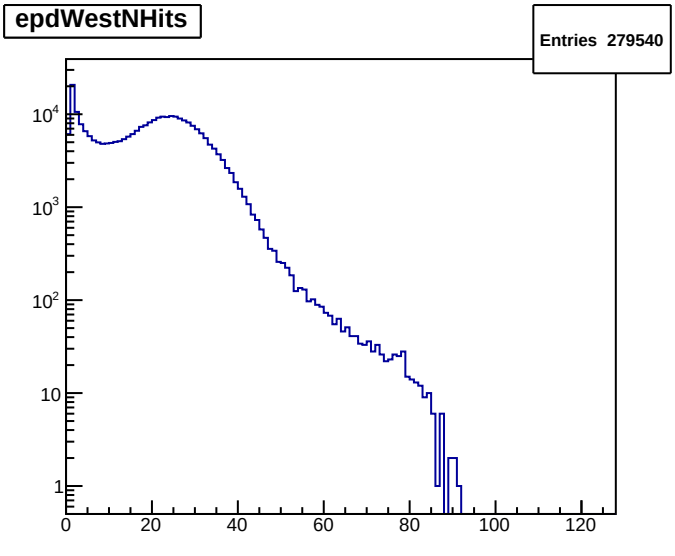
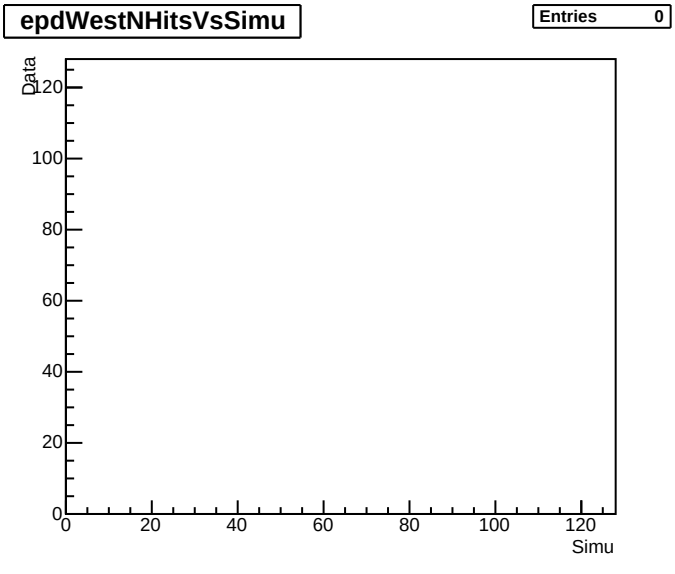
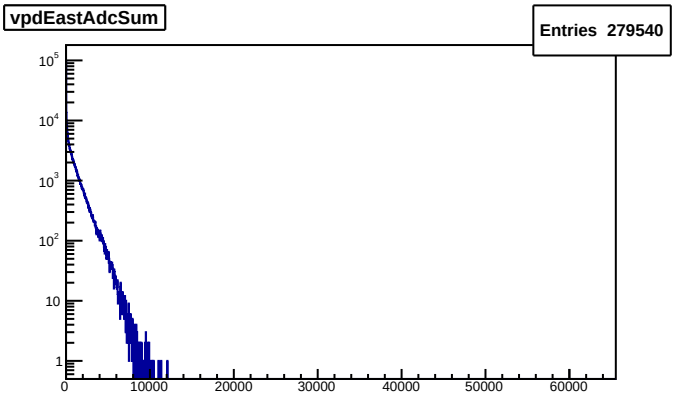
Entries 0
Data
Simu

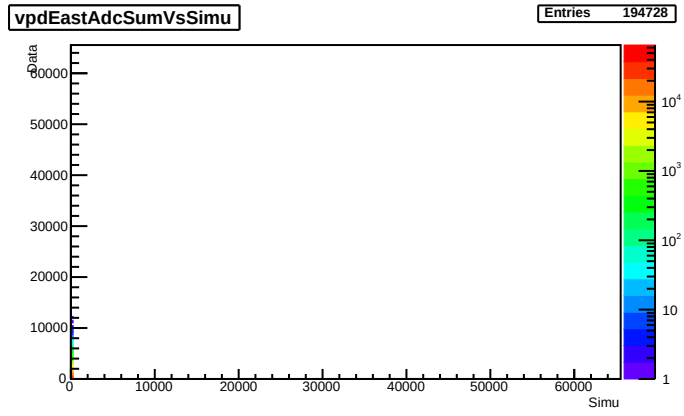

epdWestTac47
Entries 279540

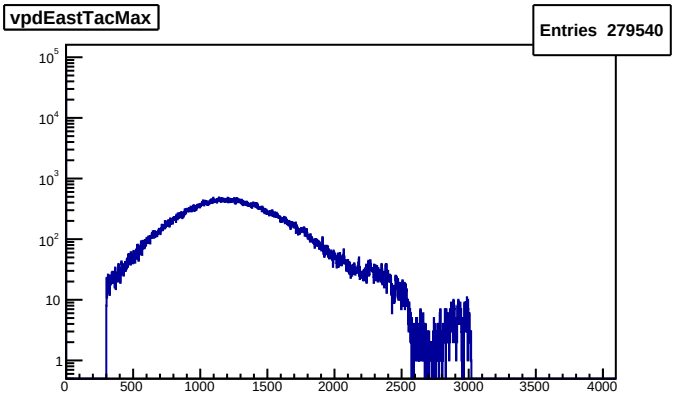

epdWestTac47VsSimu
Entries 0
Data
Simu

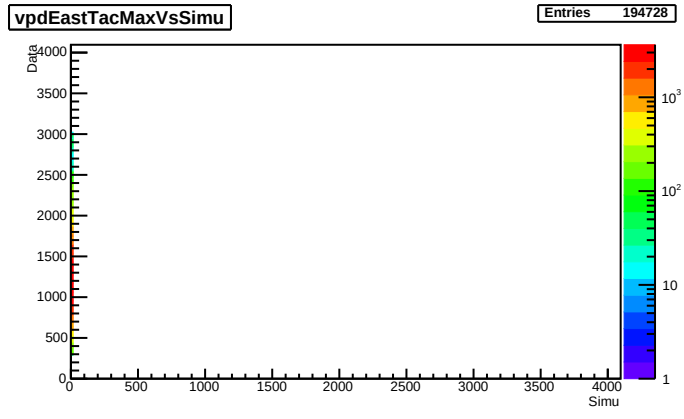

epdWestNHits
Entries 279540

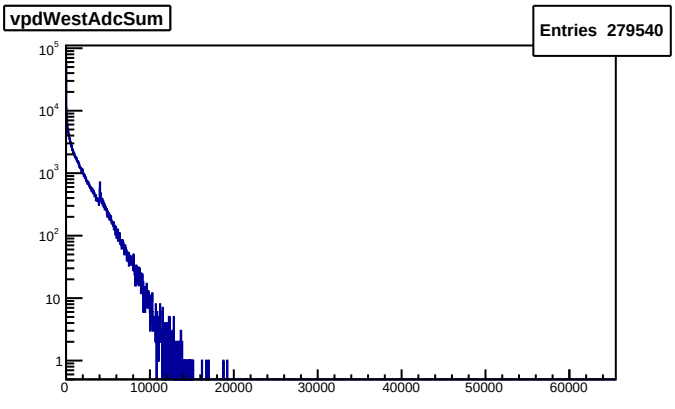

epdWestNHitsVsSimu
Entries 0
Data
Simu

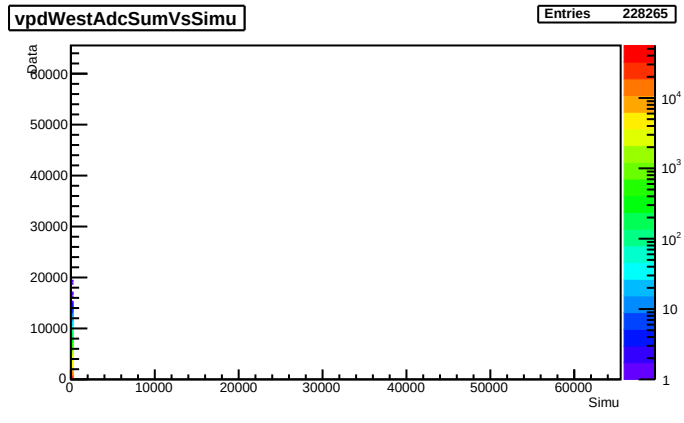

vpdEastAdcSum
Entries 279540

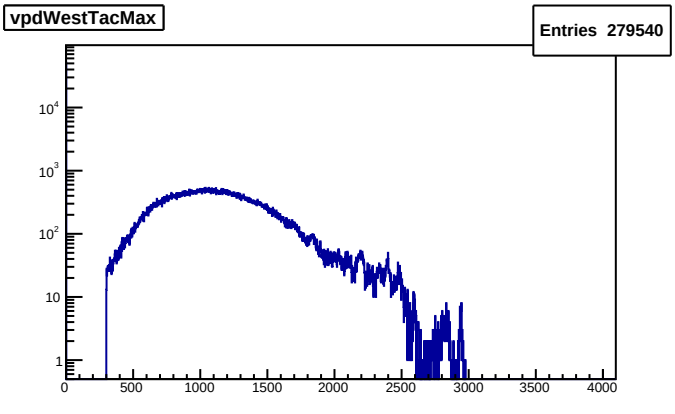

vpdEastAdcSumVsSimu
Entries 194728
Data
Simu

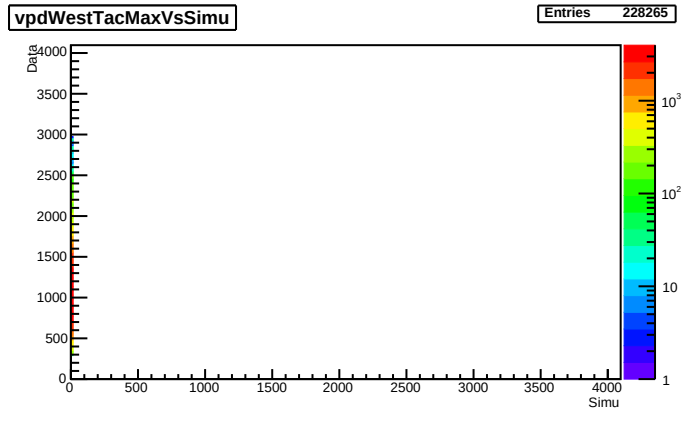

vpdEastTacMax
Entries 279540

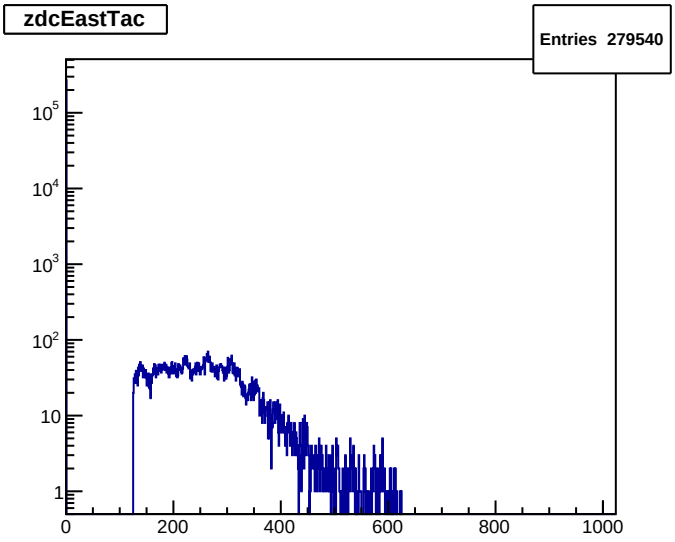

vpdEastTacMaxVsSimu
Entries 194728
Data
Simu

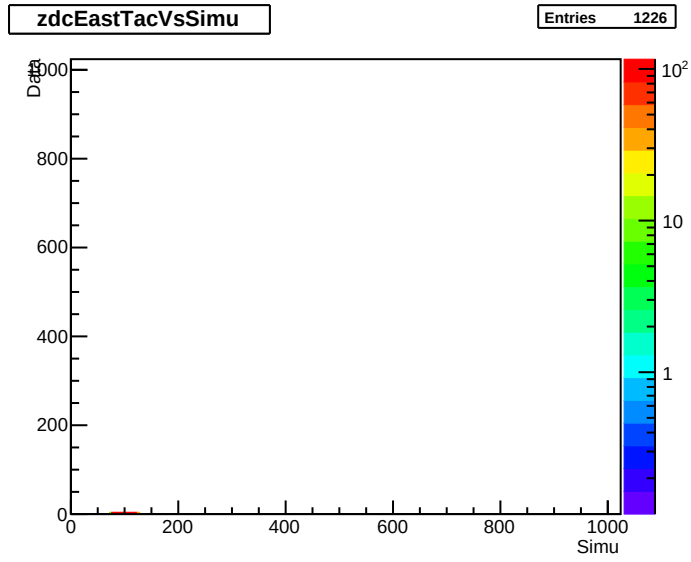

vpdWestAdcSum
Entries 279540

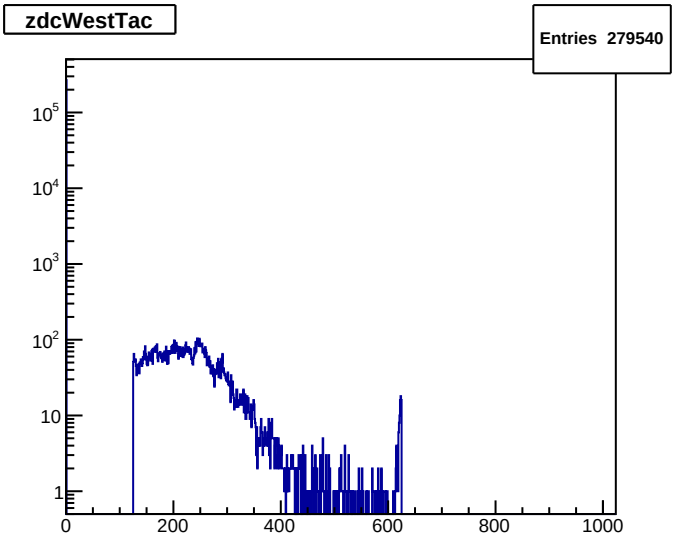

vpdWestAdcSumVsSimu
Entries 228265
Data
Simu

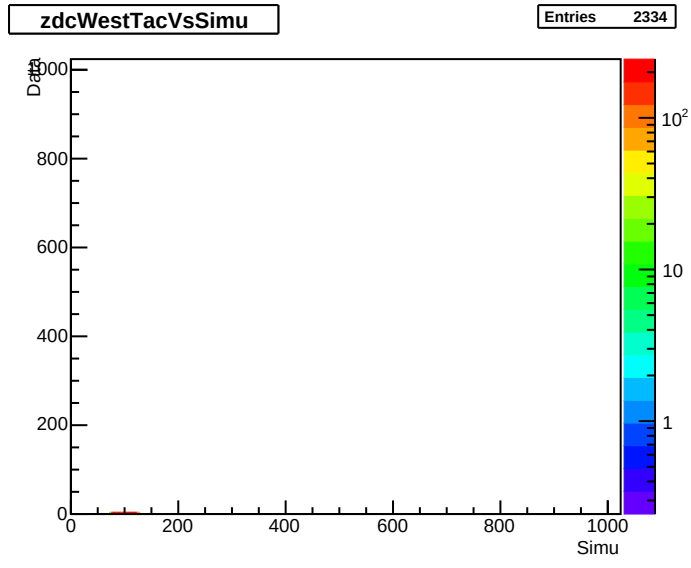

vpdWestTacMax
Entries 279540

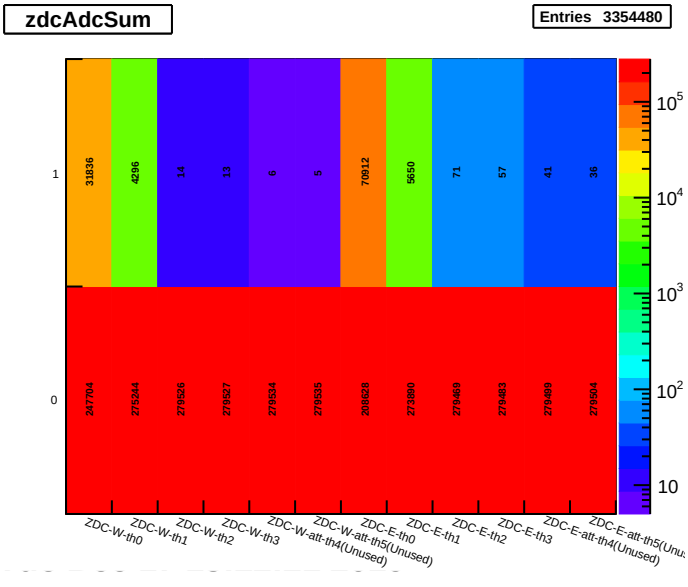

vpdWestTacMaxVsSimu
Entries 228265
Data
Simu

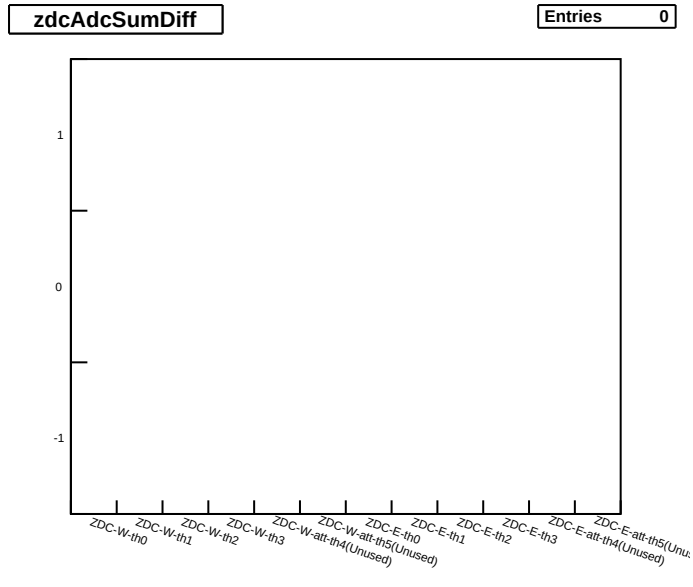

zdcEastTac
Entries 279540

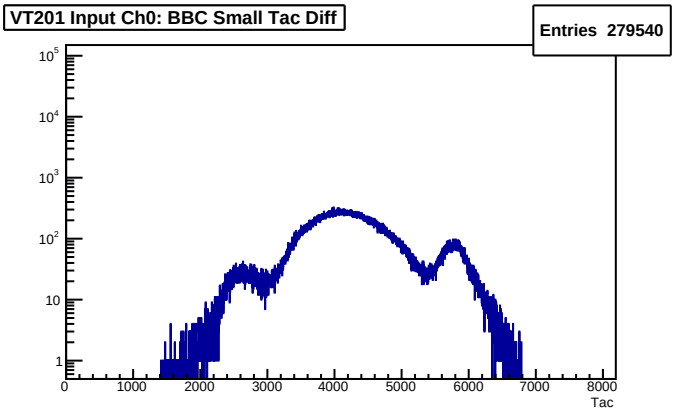

zdcEastTacVsSimu
Entries 1226
Data
Simu

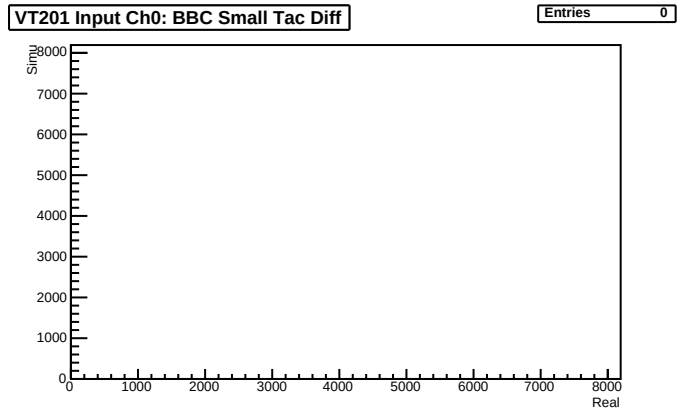

zdcWestTac
Entries 279540

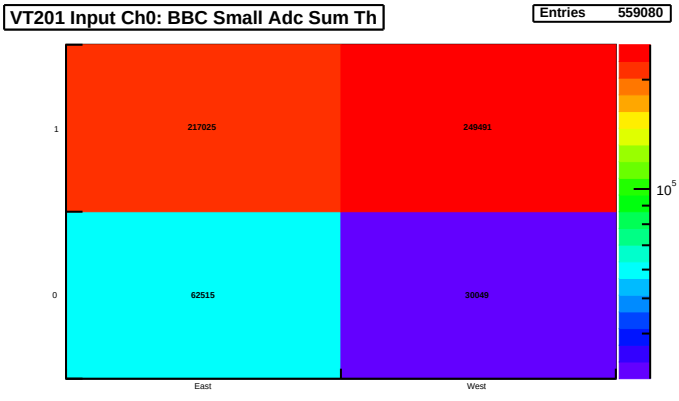

zdcWestTacVsSimu
Entries 2334
Data
Simu

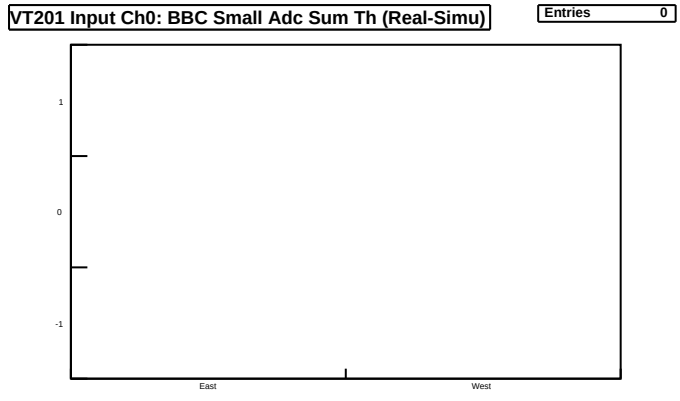

zdcAdcSum
Entries 3354480
31836
4296
14
13
6
5
70912
5650
71
57
41
36
247704
275244
279526
279527
279534
279535
208628
273880
279469
279483
279490
279504
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

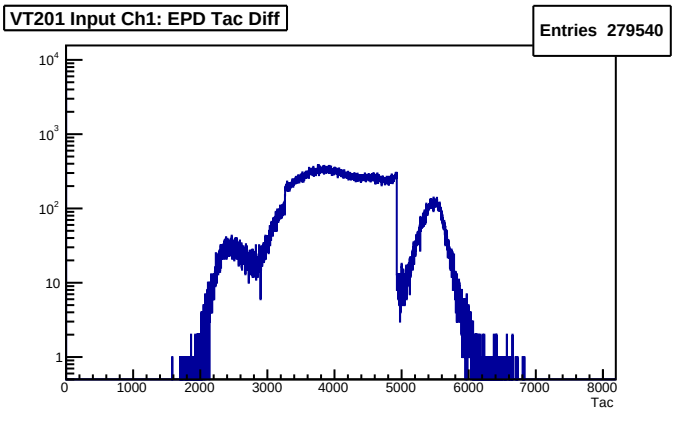

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

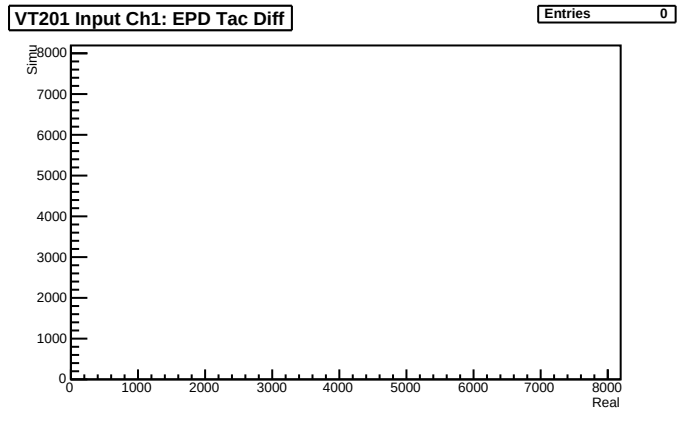

VT201 Input Ch0: BBC Small Tac Diff
Entries 279540
Tac

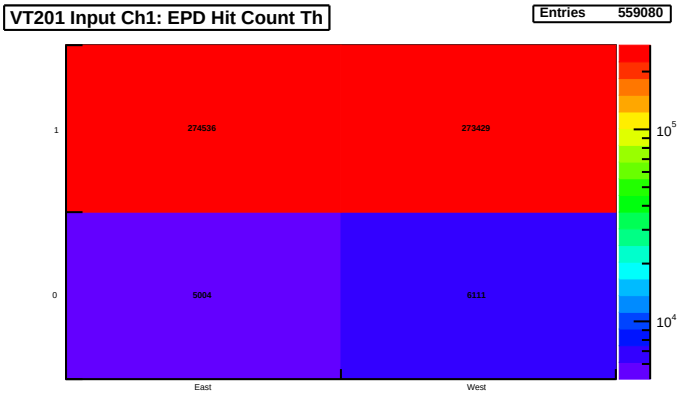

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

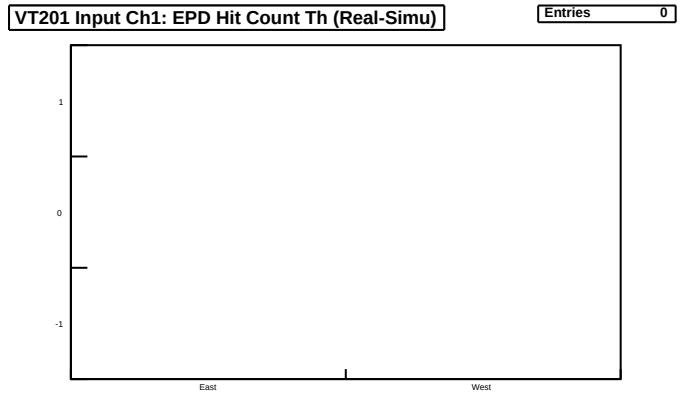

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 559080
217025
249491
62515
30049
East
West

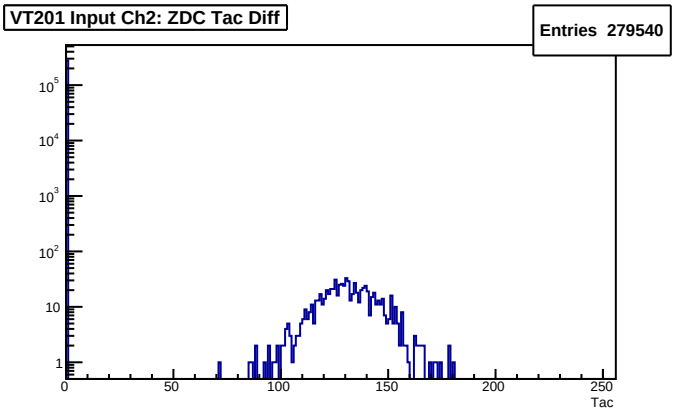

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

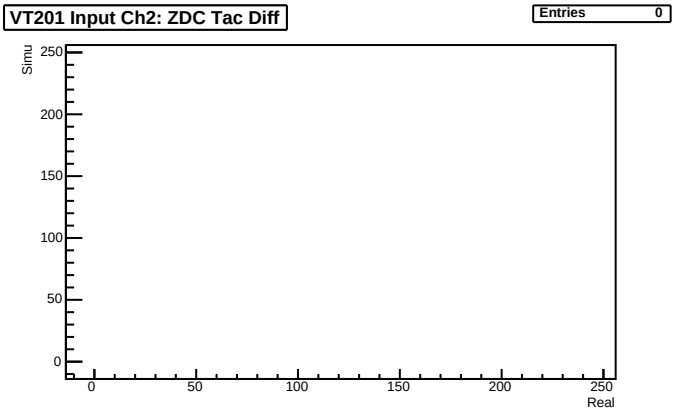

VT201 Input Ch1: EPD Tac Diff
Entries 279540
Tac

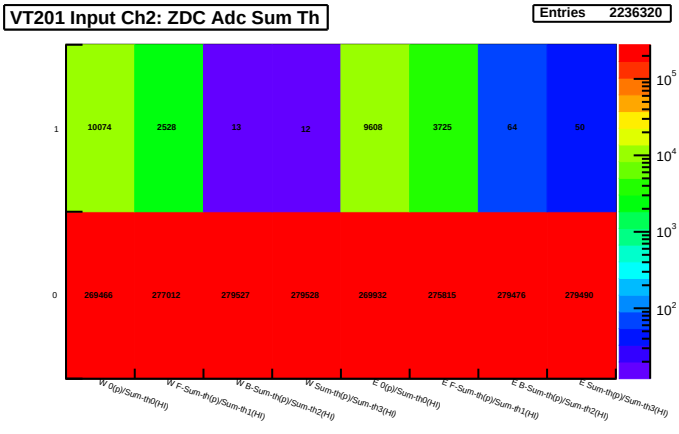

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

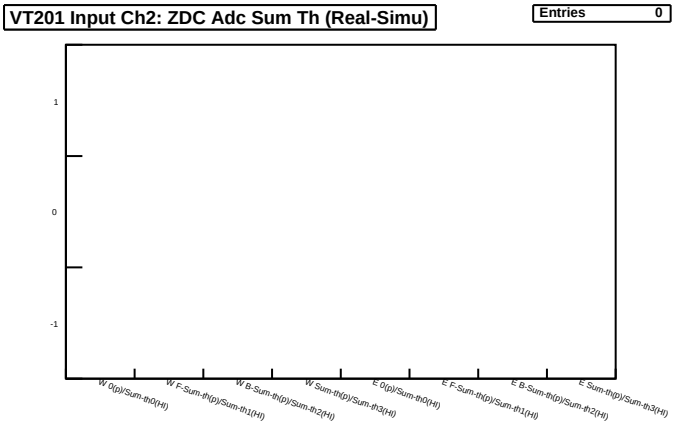

VT201 Input Ch1: EPD Hit Count Th
Entries 559080
274536
273429
5004
6111
East
West

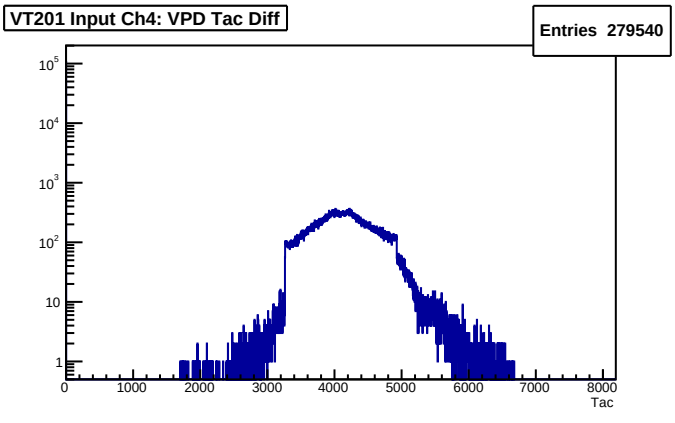

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

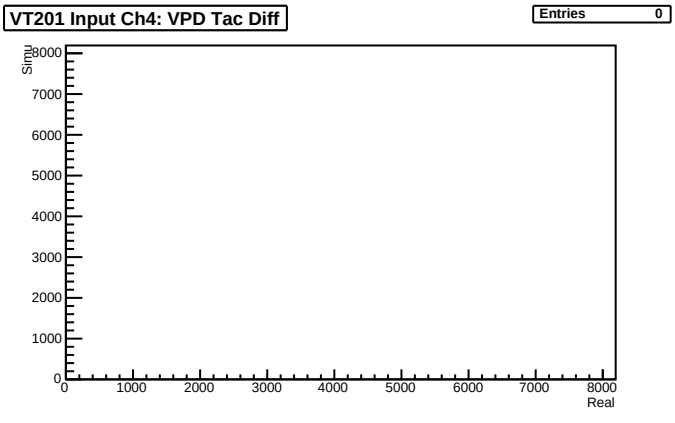

VT201 Input Ch2: ZDC Tac Diff
Entries 279540
Tac

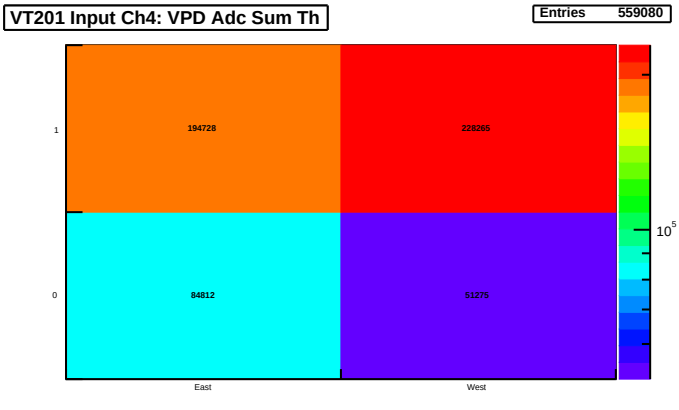

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

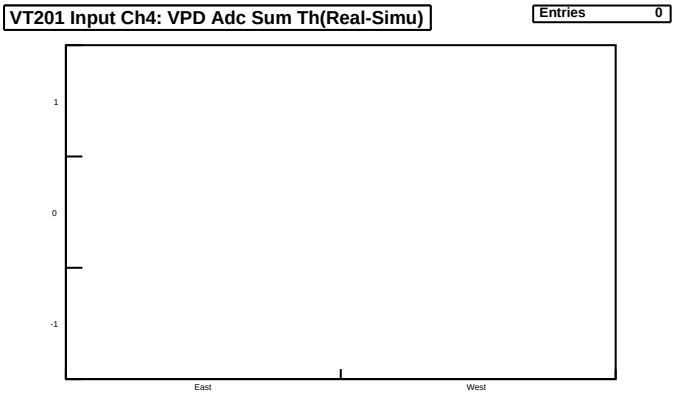

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2236320
10074
2528
13
12
9608
3725
64
50
269466
277012
279527
279528
269932
275815
279476
279490
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

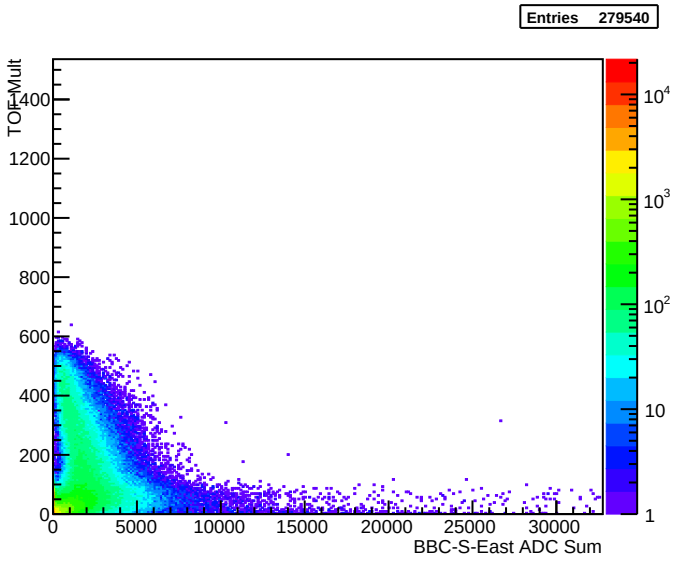

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

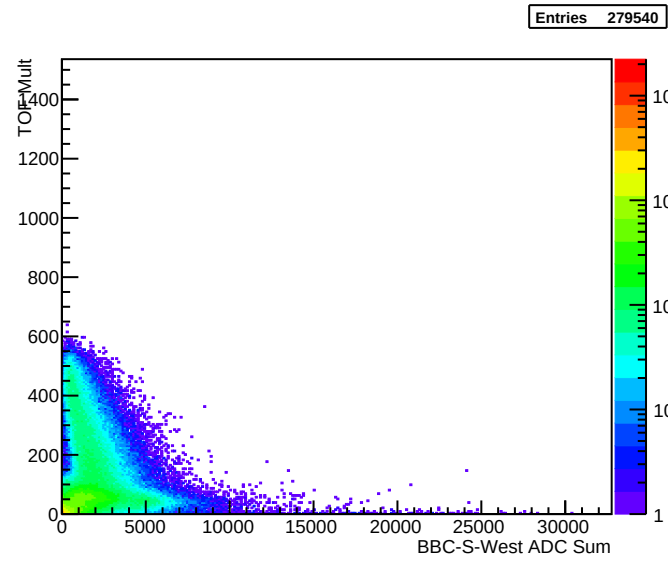

VT201 Input Ch4: VPD Tac Diff
Entries 279540
Tac

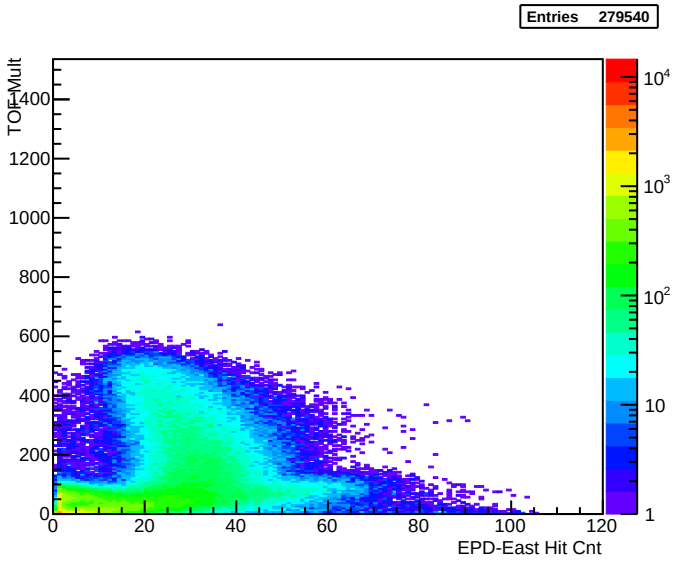

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

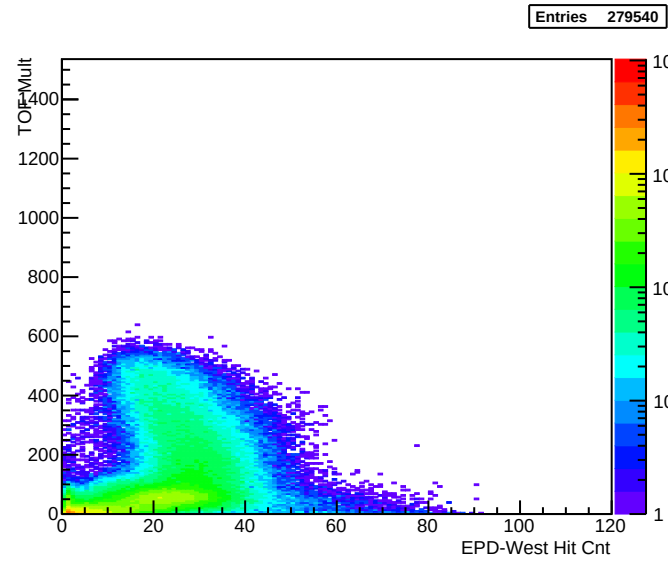

VT201 Input Ch4: VPD Adc Sum Th
Entries 559080
194728
228265
84812
51275
East
West

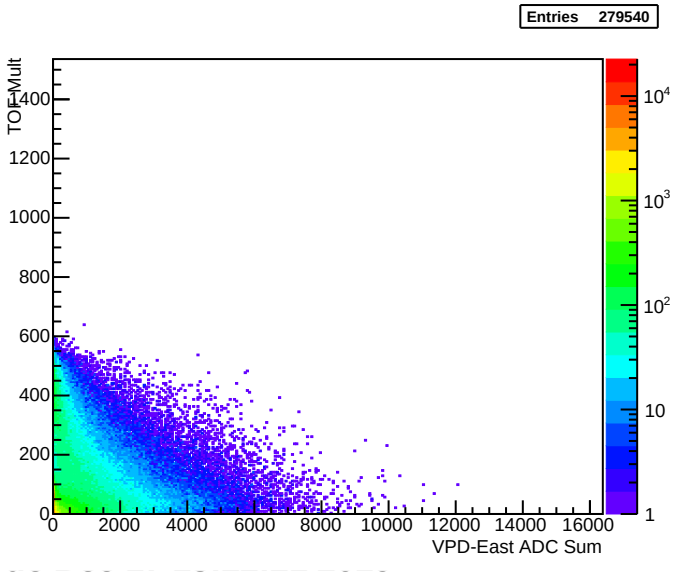

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

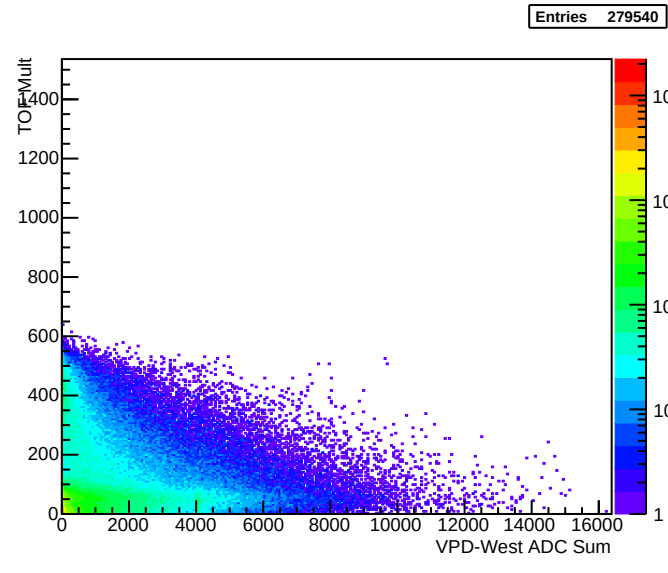

Entries 279540
TOF-Mult
BBC-S-East ADC Sum

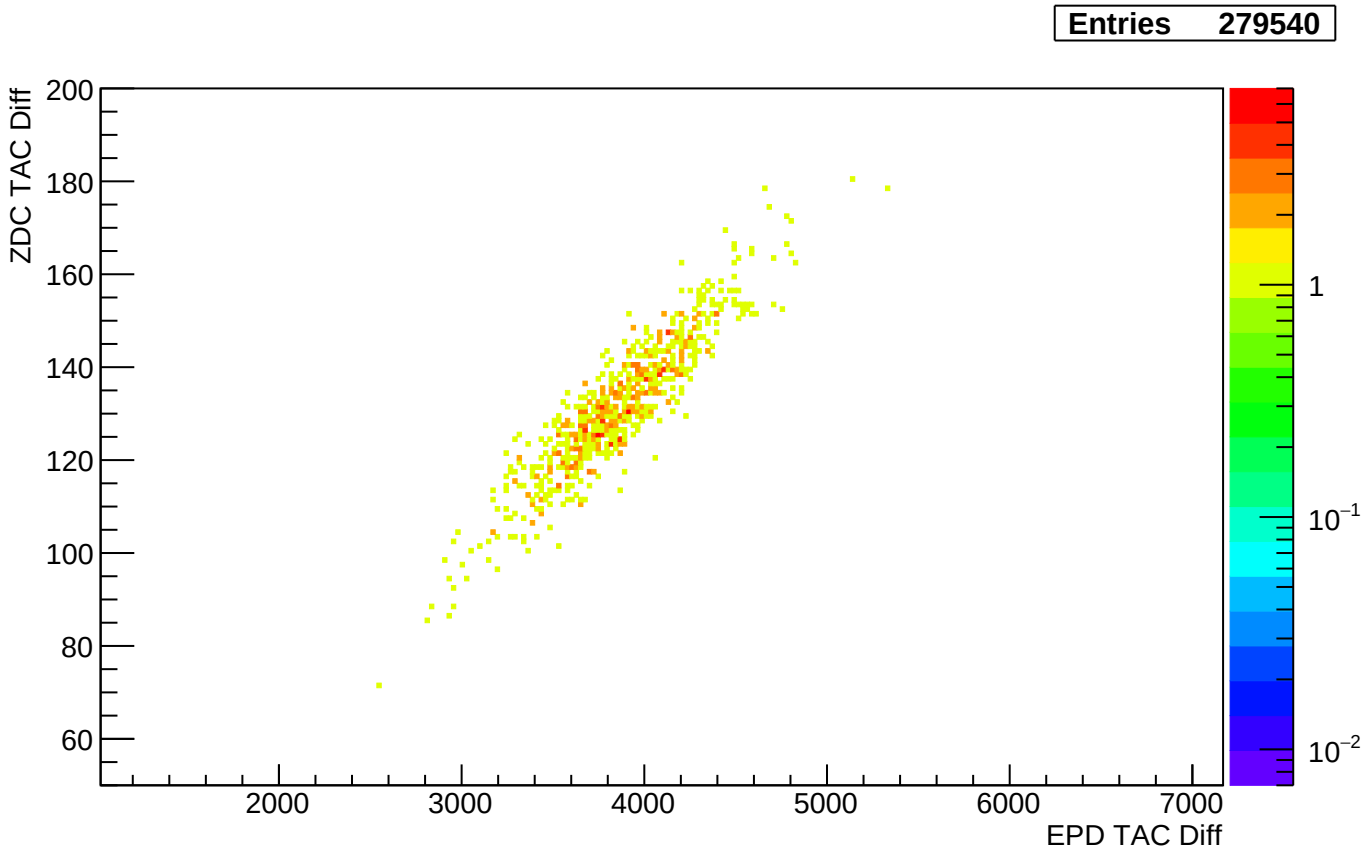

Entries 279540
TOF-Mult
BBC-S-West ADC Sum

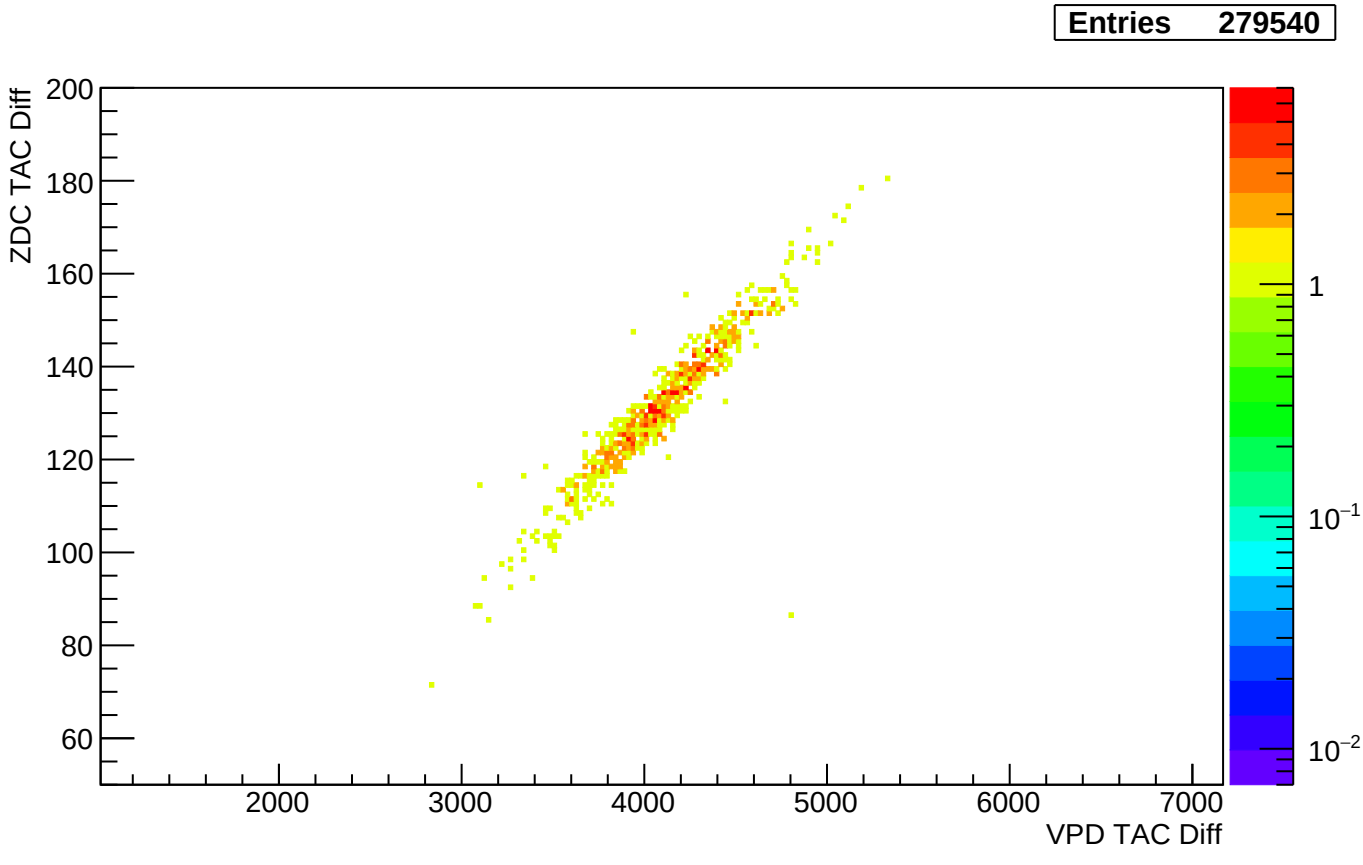

Entries 279540
TOF-Mult
EPD-East Hit Cnt

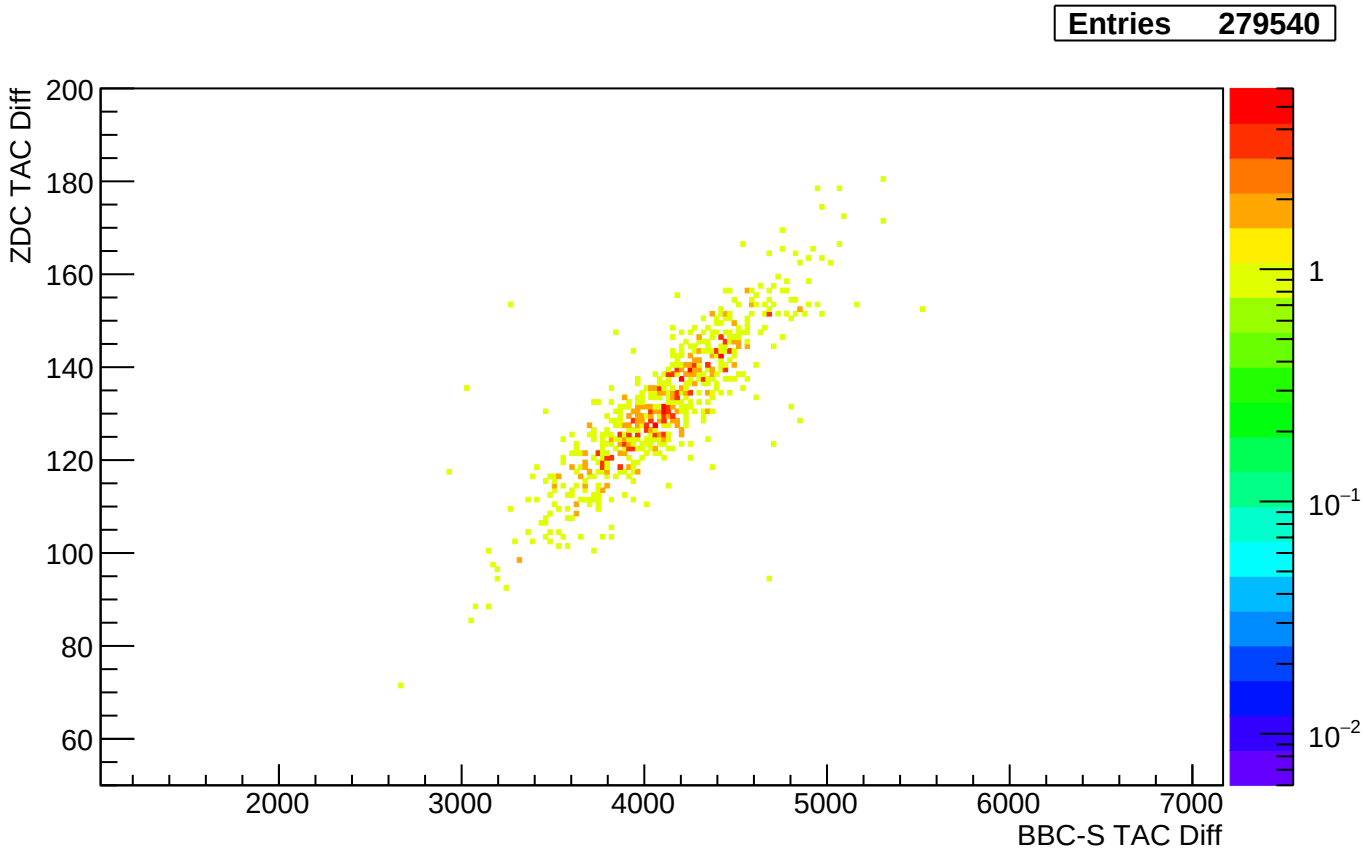

Entries 279540
TOF-Mult
EPD-West Hit Cnt

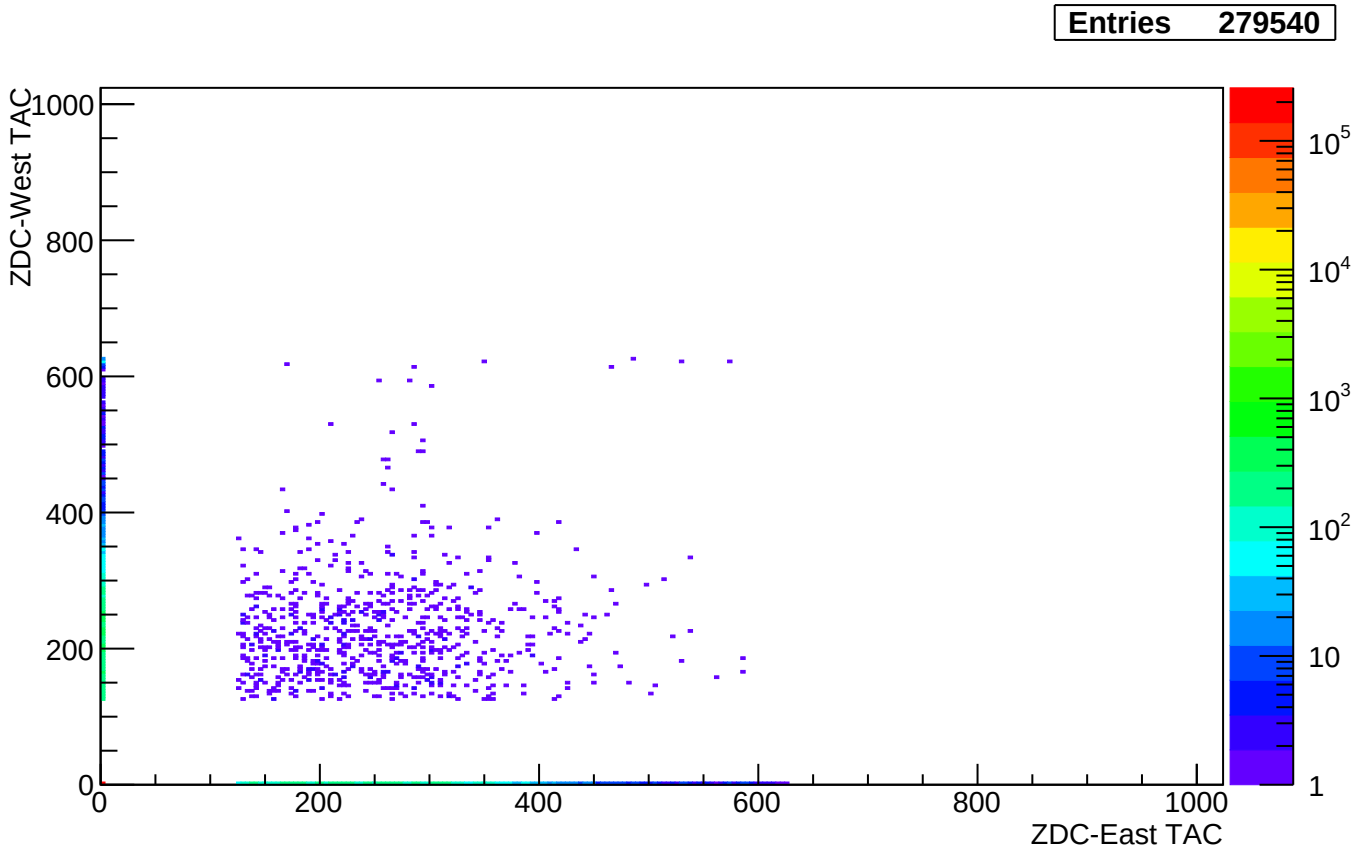

Entries 279540
TOF-Mult
VPD-East ADC Sum

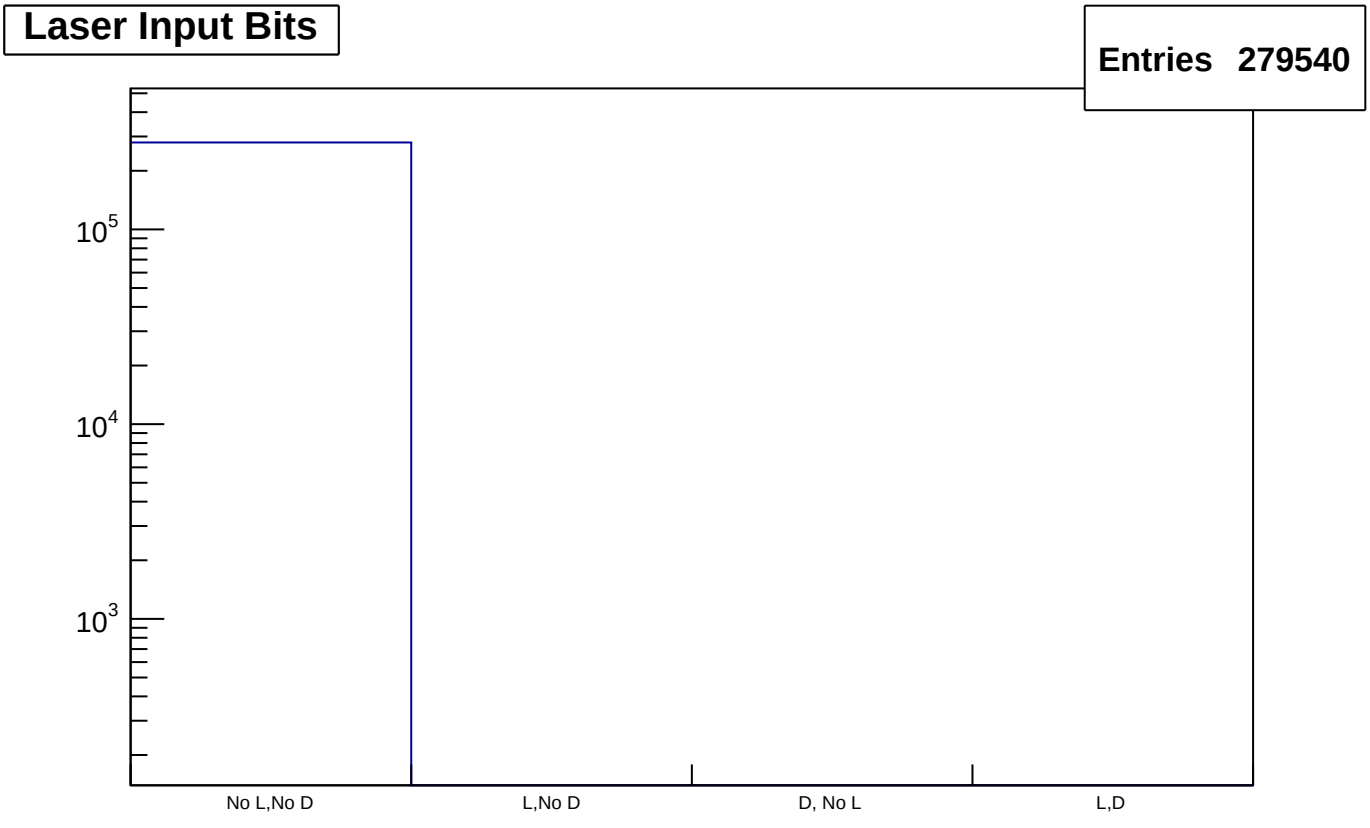

Entries 279540
TOF-Mult
VPD-West ADC Sum

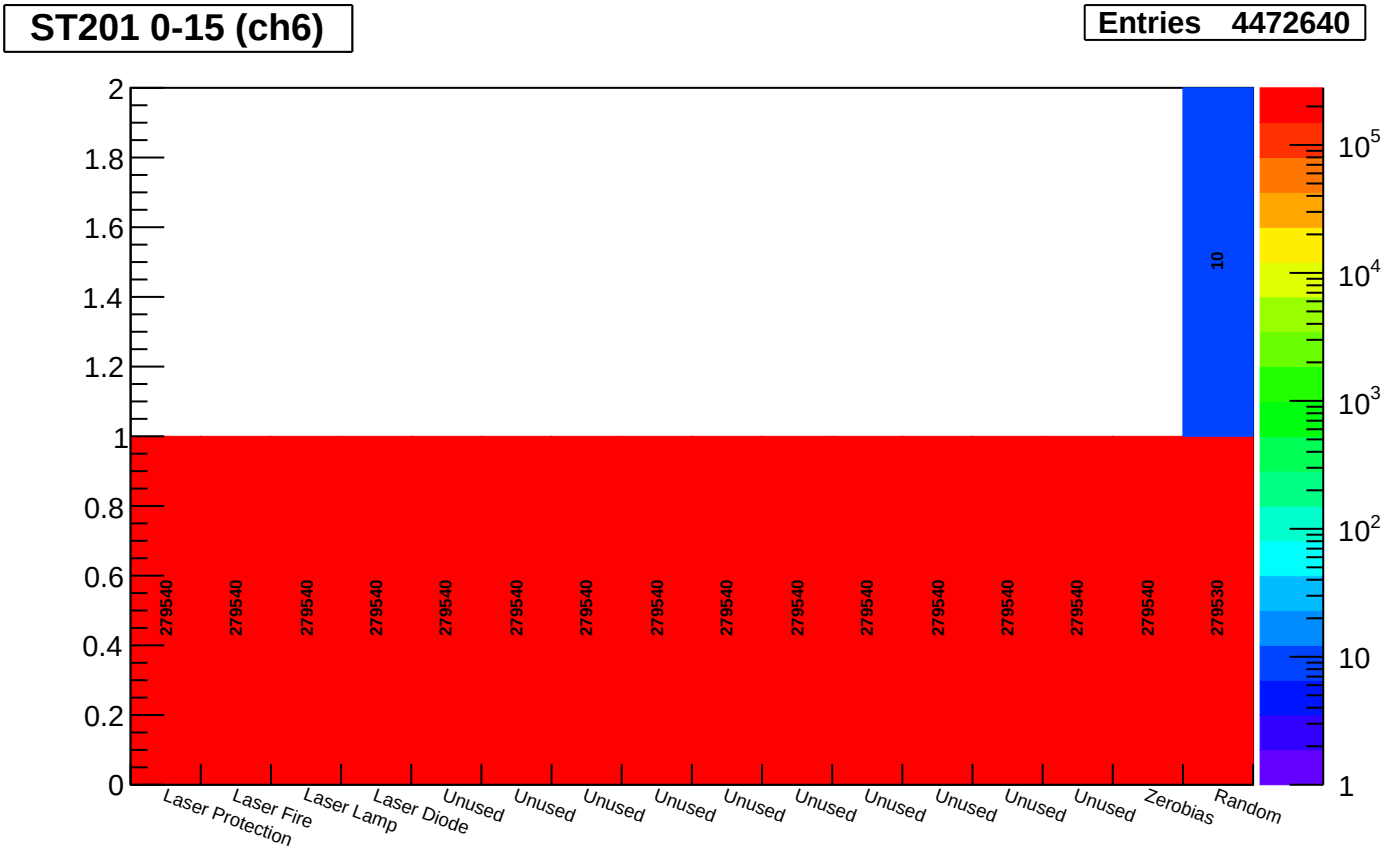

Entries 279540
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

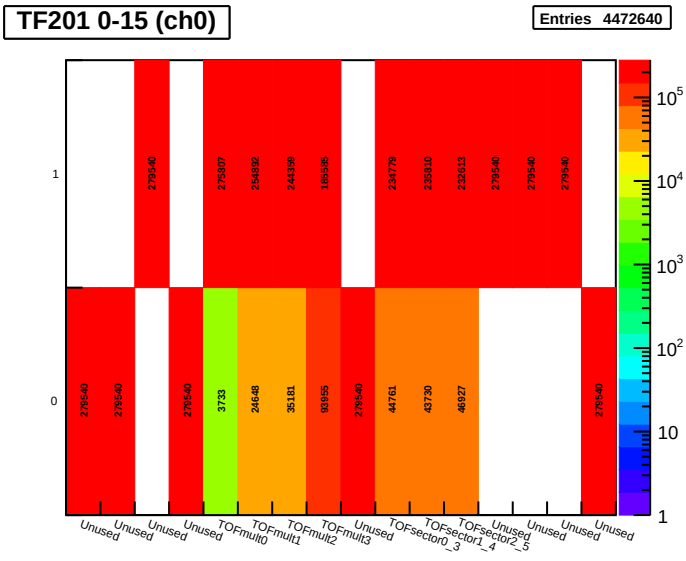

Entries 279540
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

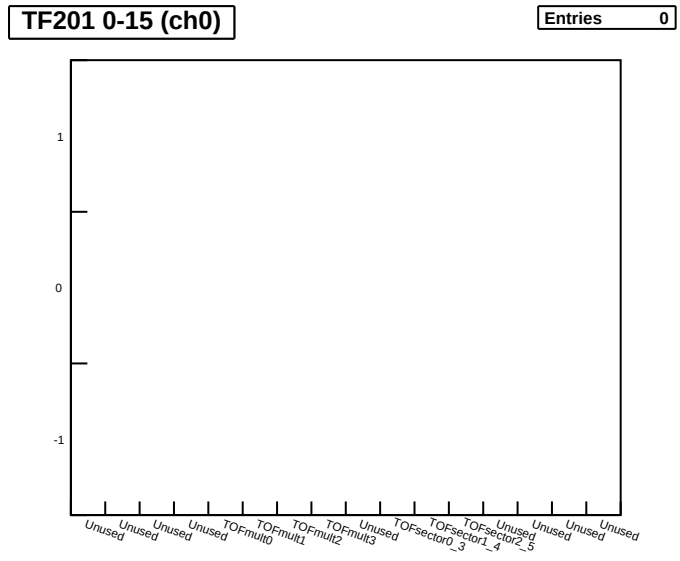

Entries 279540
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

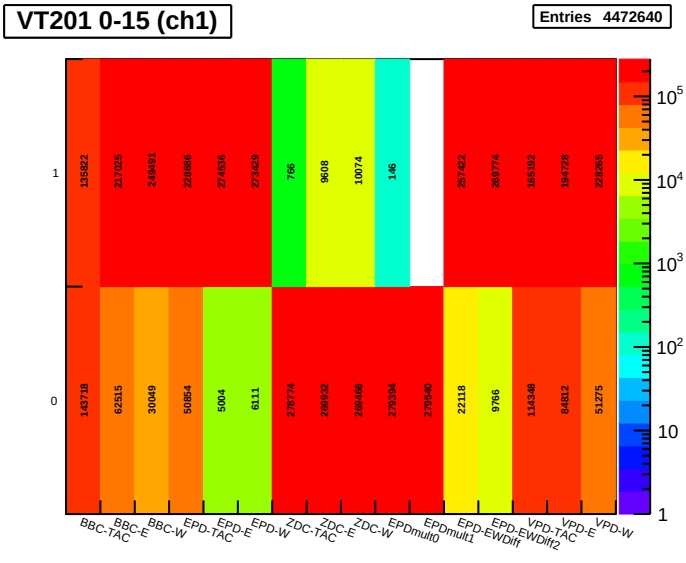

Entries 279540
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

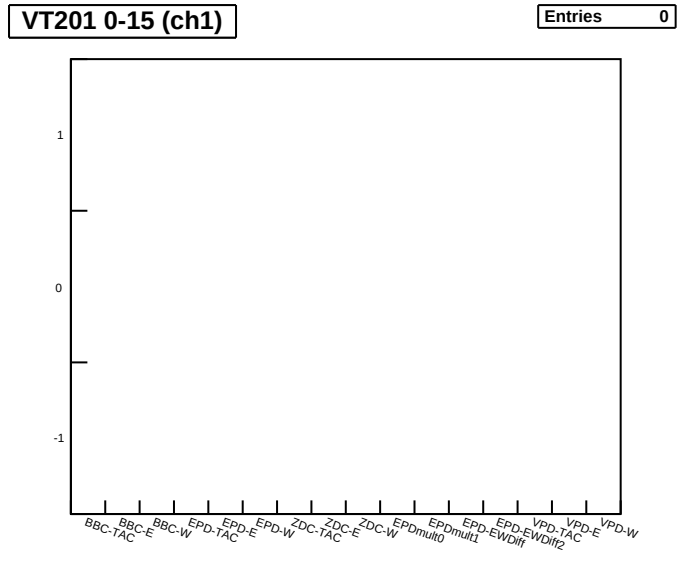

Laser Input Bits
Entries 279540
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

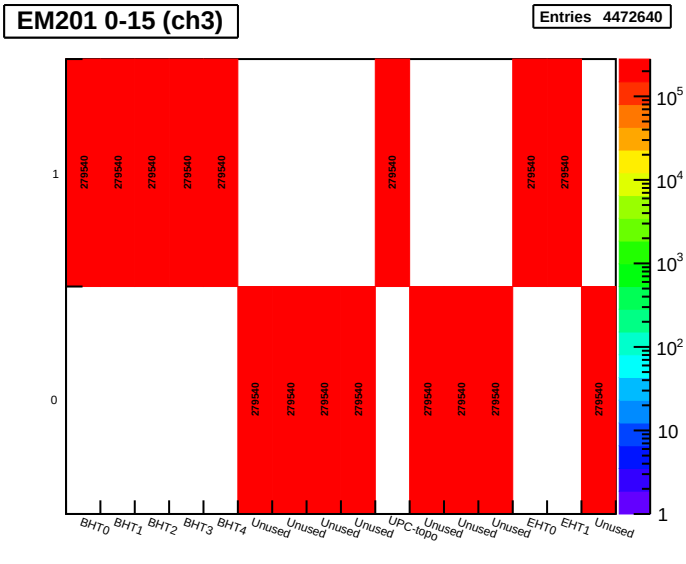

ST201 0-15 (ch6)
Entries 4472640
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
279540
279530
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

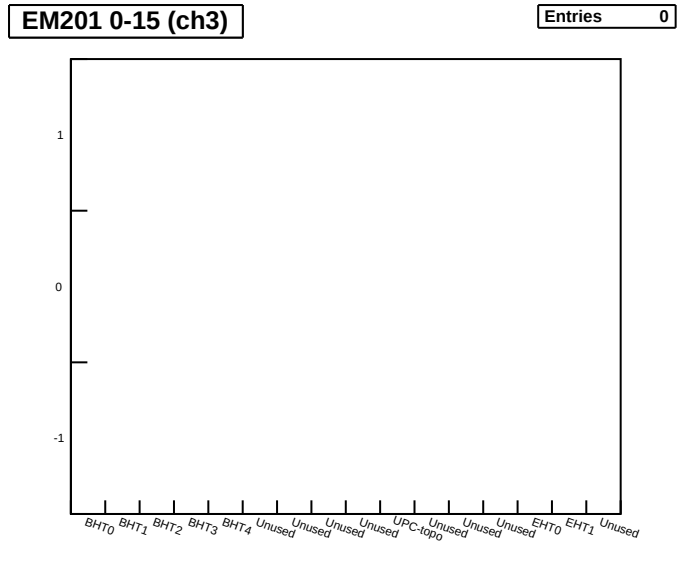

TF201 0-15 (ch0)
Entries 4472640
1
0
279540 279540 279540 275807 254892 244359 185585 234779 235810 232613 279540 279540 279540
279540 279540 279540 3733 24648 35181 93955 279540 44761 43730 46927 279540
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 4472640
1
0
135822 217025 249491 228686 274536 273429 766 9608 10074 146 257422 269774 165192 194728 228265
143718 62515 30049 50854 5004 6111 278774 269932 269466 279394 279540 22118 9766 114348 84812 51275
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 4472640
1
0
279540 279540 279540 279540 279540 279540 279540
279540 279540 279540 279540 279540 279540 279540 279540
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