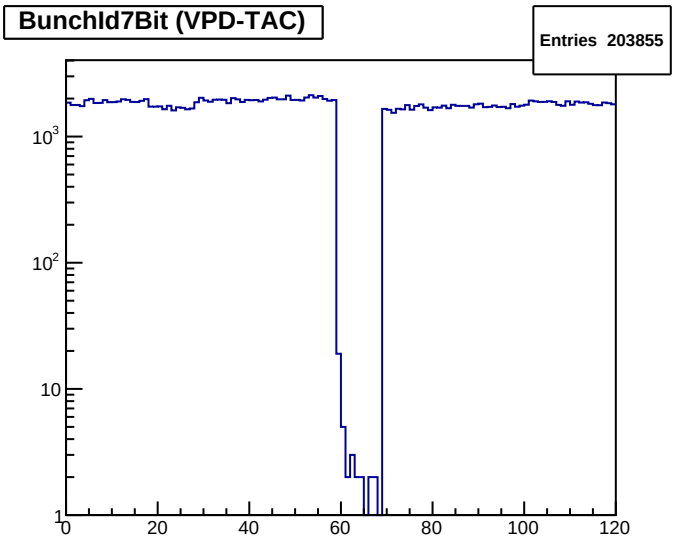
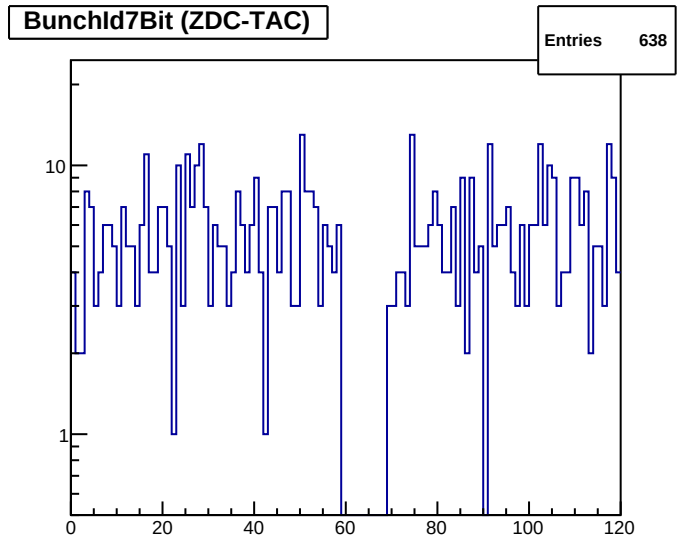
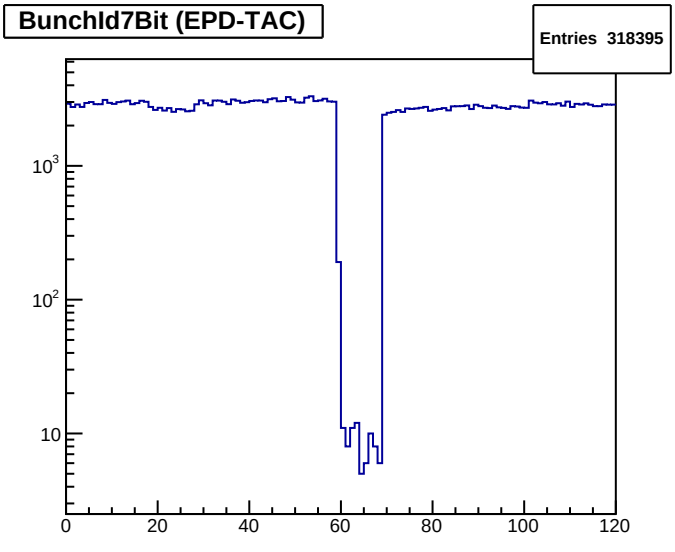
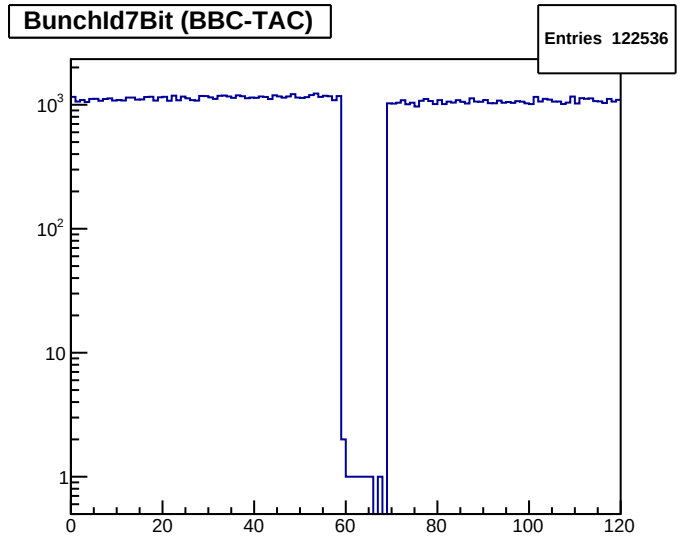
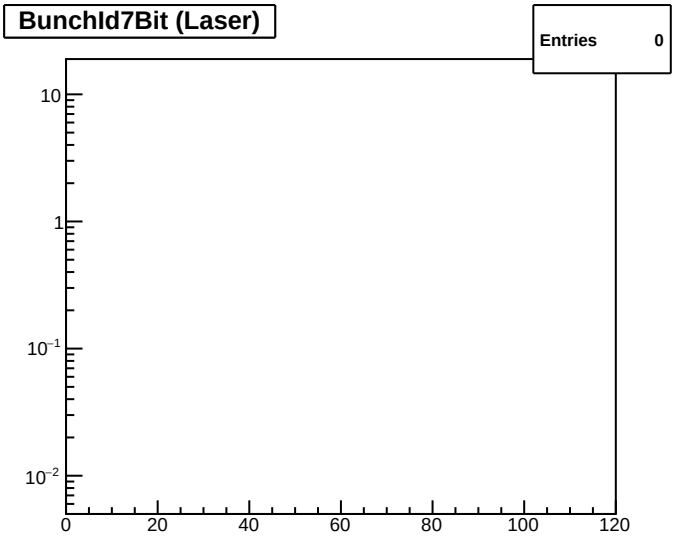
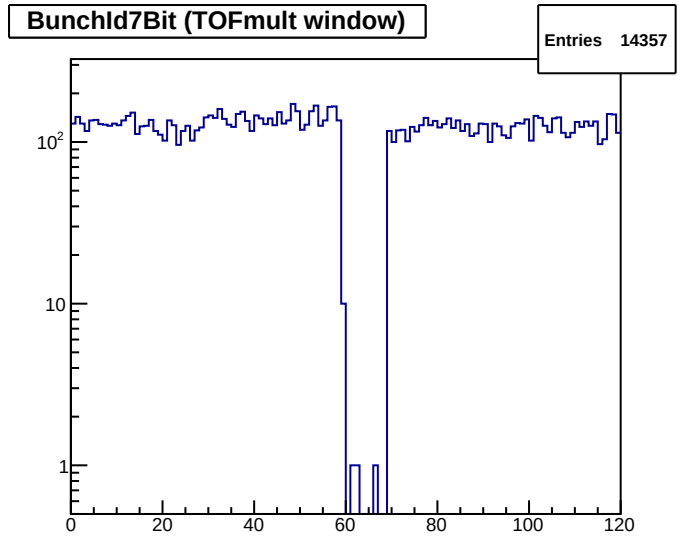

BunchId7Bit (VPD-TAC)
Entries 203855

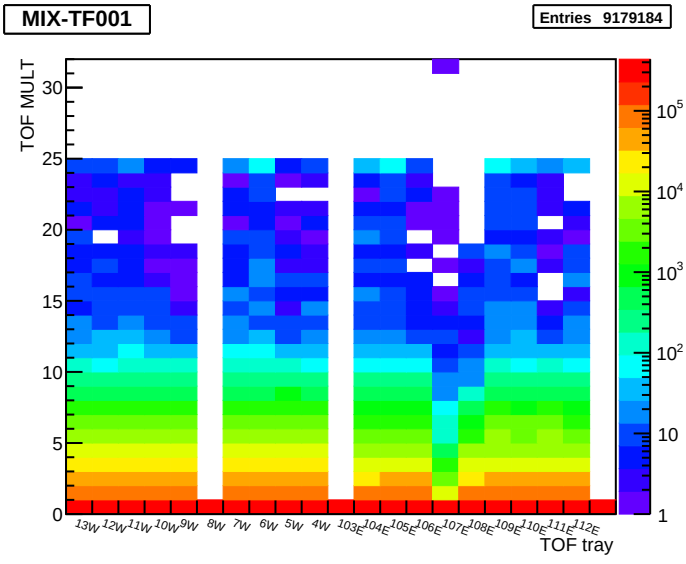

BunchId7Bit (ZDC-TAC)
Entries 638

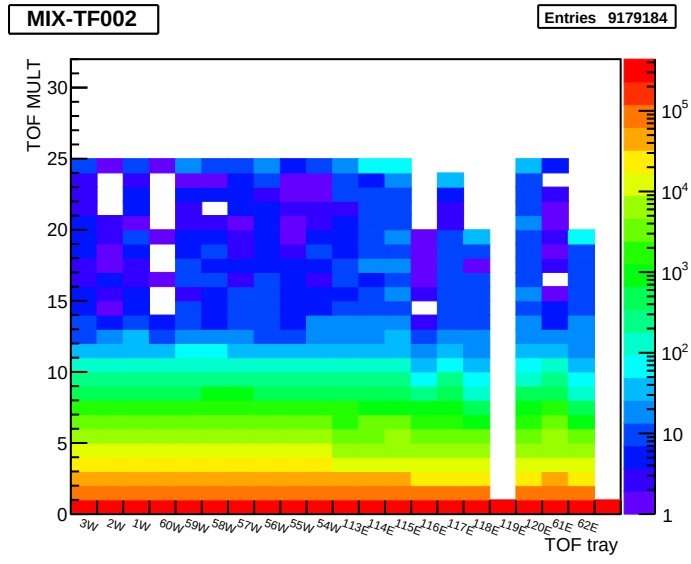

BunchId7Bit (EPD-TAC)
Entries 318395

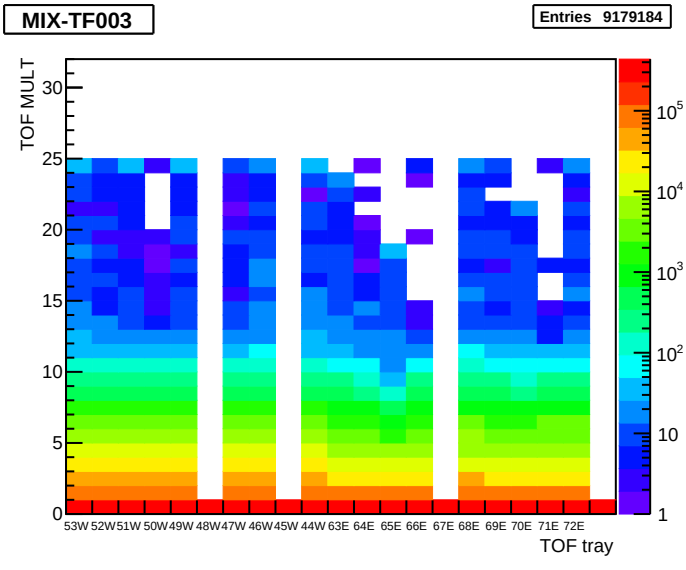

BunchId7Bit (BBC-TAC)
Entries 122536

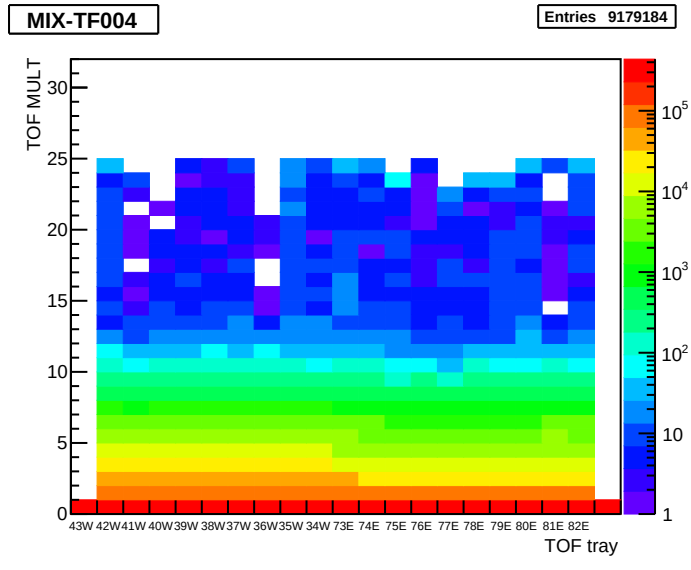

BunchId7Bit (Laser)
Entries 0

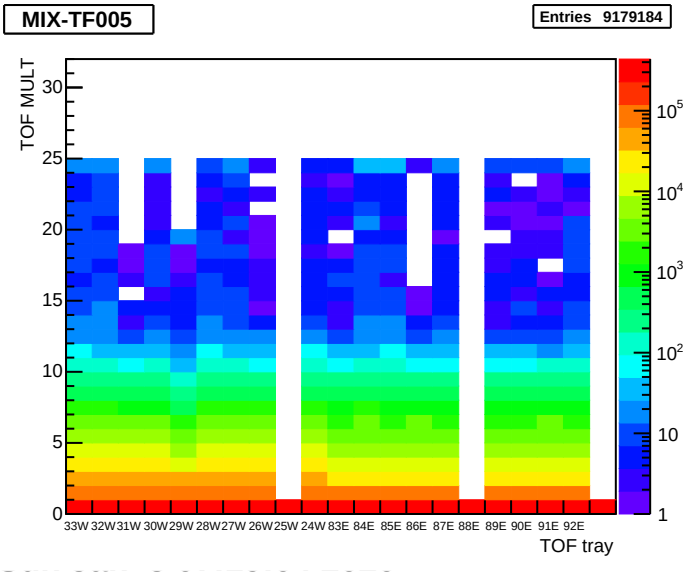

BunchId7Bit (TOFmult window)
Entries 14357

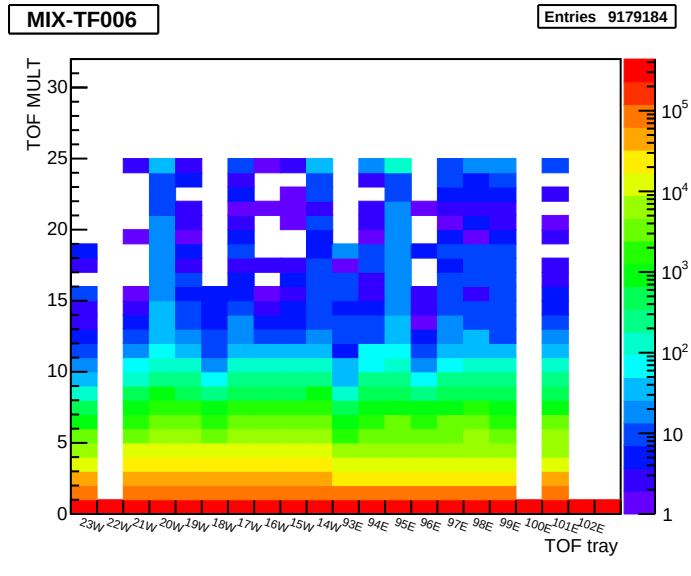

MIX-TF001
Entries 9179184
TOF MULT
TOF tray

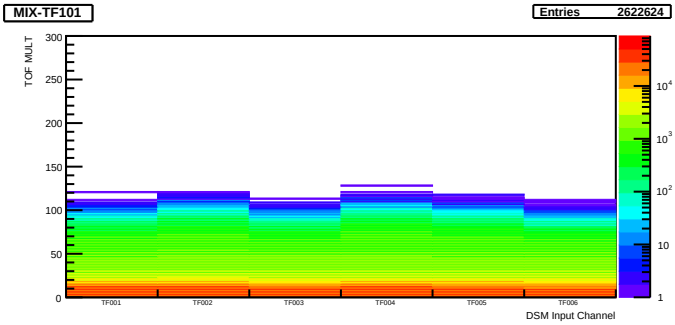

MIX-TF002
Entries 9179184
TOF MULT
TOF tray

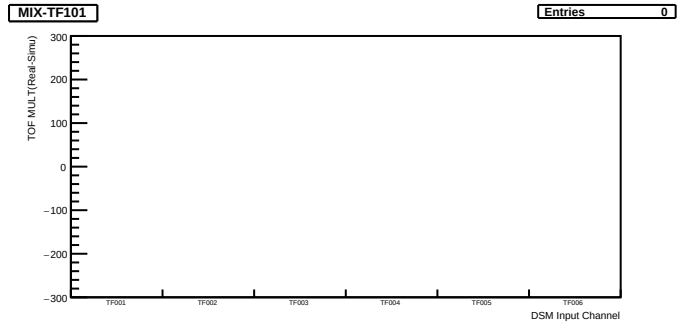

MIX-TF003
Entries 9179184
TOF MULT
TOF tray

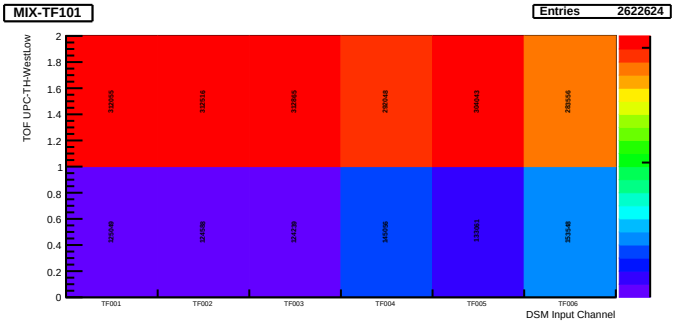

MIX-TF004
Entries 9179184
TOF MULT
TOF tray

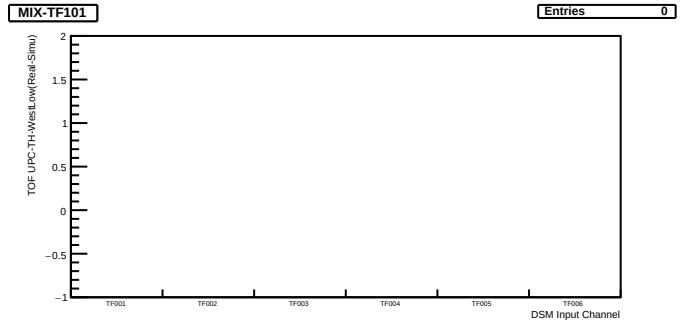

MIX-TF005
Entries 9179184
TOF MULT
TOF tray

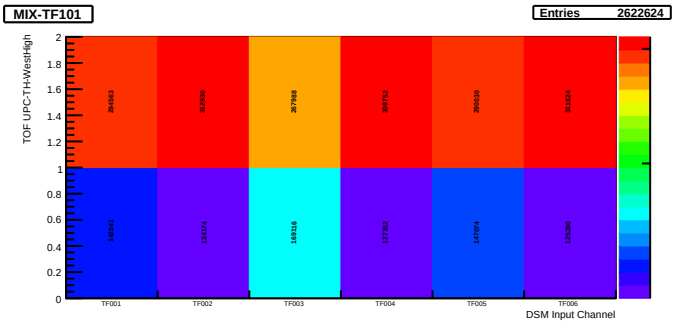

MIX-TF006
Entries 9179184
TOF MULT
TOF tray

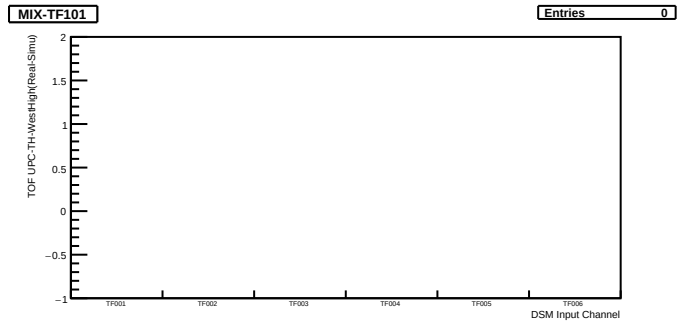

MIX-TF101
Entries 2622624
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

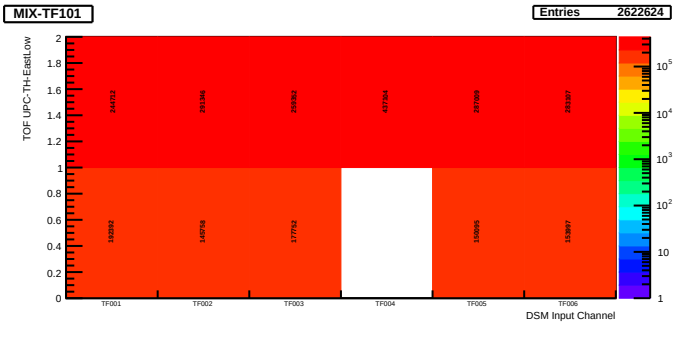

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

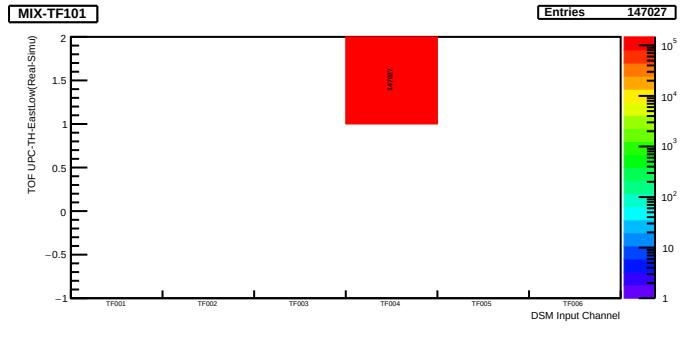

MIX-TF101
Entries 2622624
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

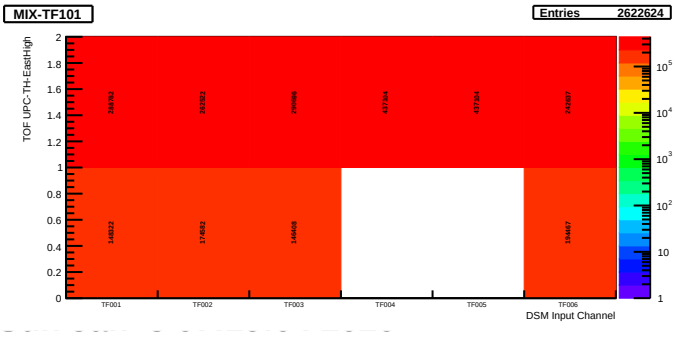

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

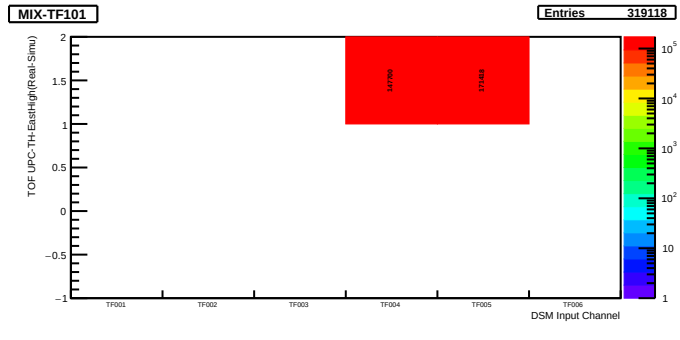

MIX-TF101
Entries 2622624
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

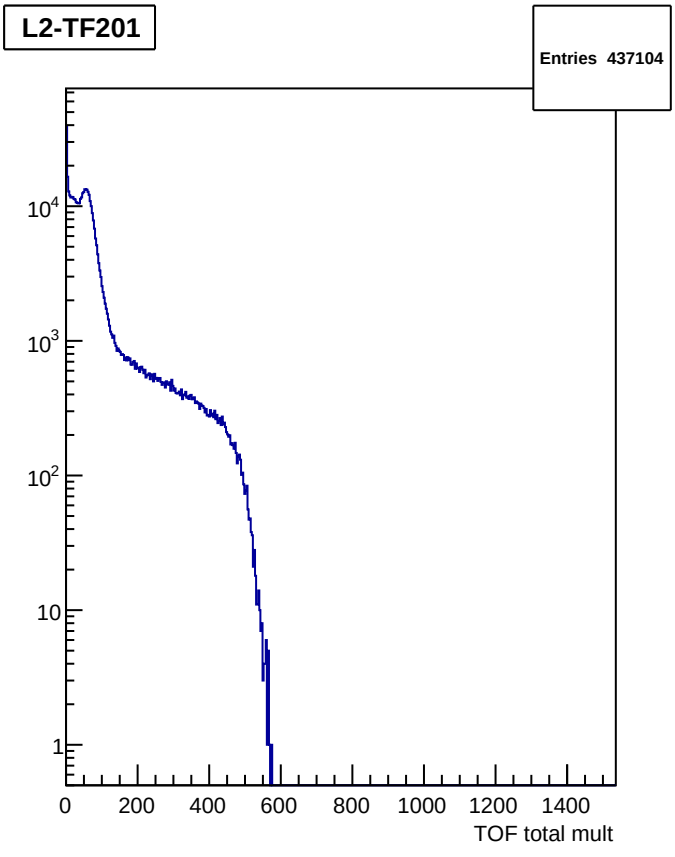

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

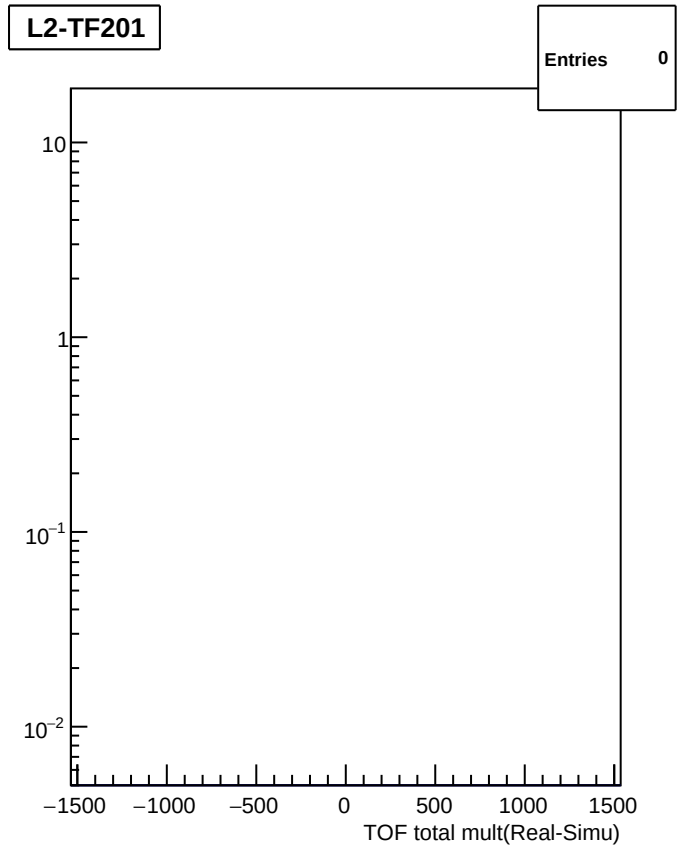

MIX-TF101
Entries 2622624
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

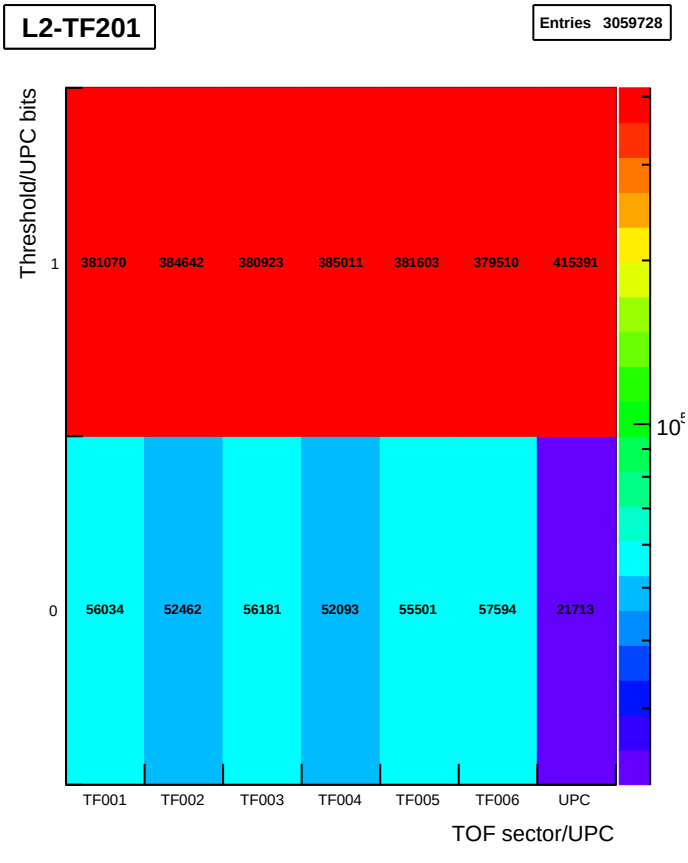

MIX-TF101
Entries 147027
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

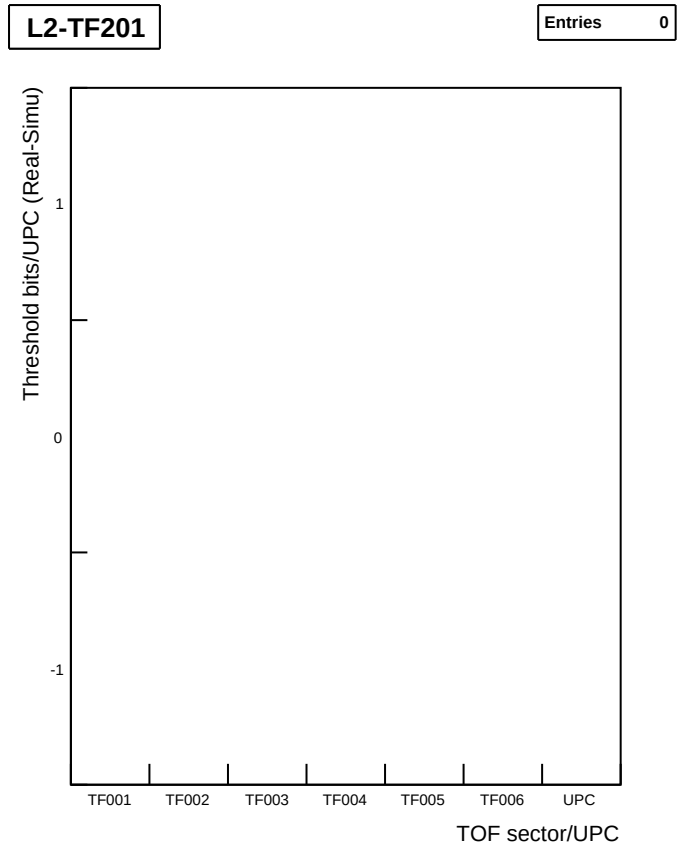

MIX-TF101
Entries 2622624
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

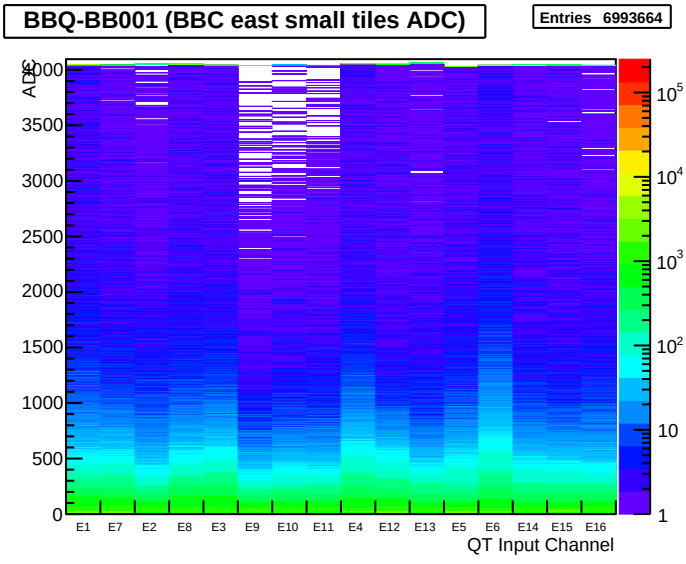

MIX-TF101
Entries 319118
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

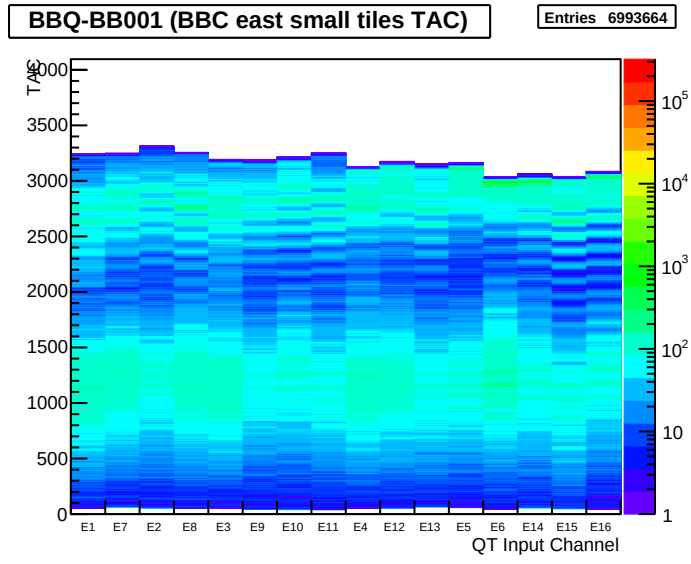

L2-TF201
Entries 437104
TOF total mult

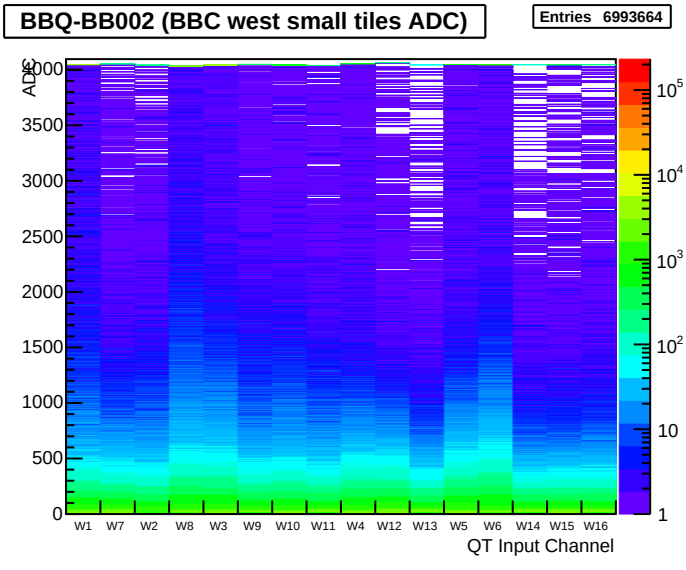

L2-TF201
Entries 0
TOF total mult(Real-Simu)

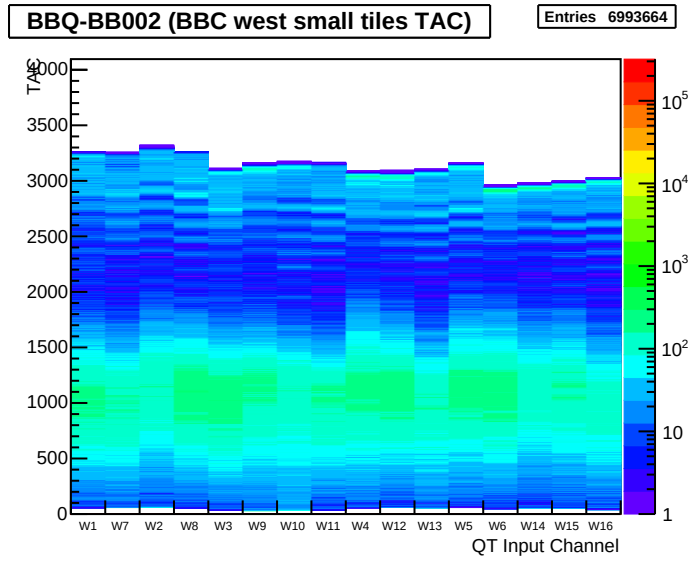

L2-TF201
Entries 3059728
Threshold/UPC bits
381070
384642
380923
385011
381603
379510
415391
56034
52462
56181
52093
55501
57594
21713
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

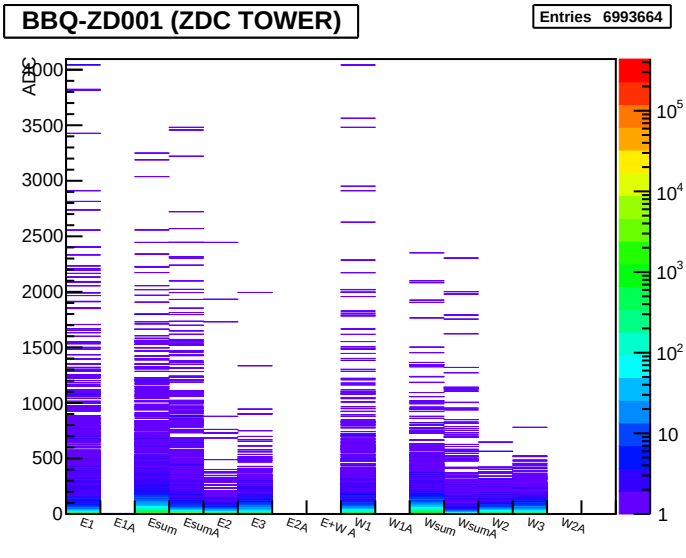

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

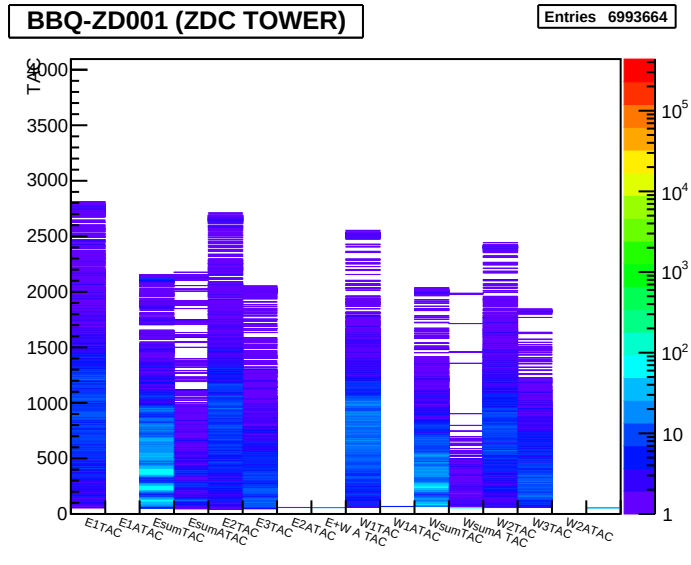

BBQ-BB001 (BBC east small tiles ADC)
Entries 6993664
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

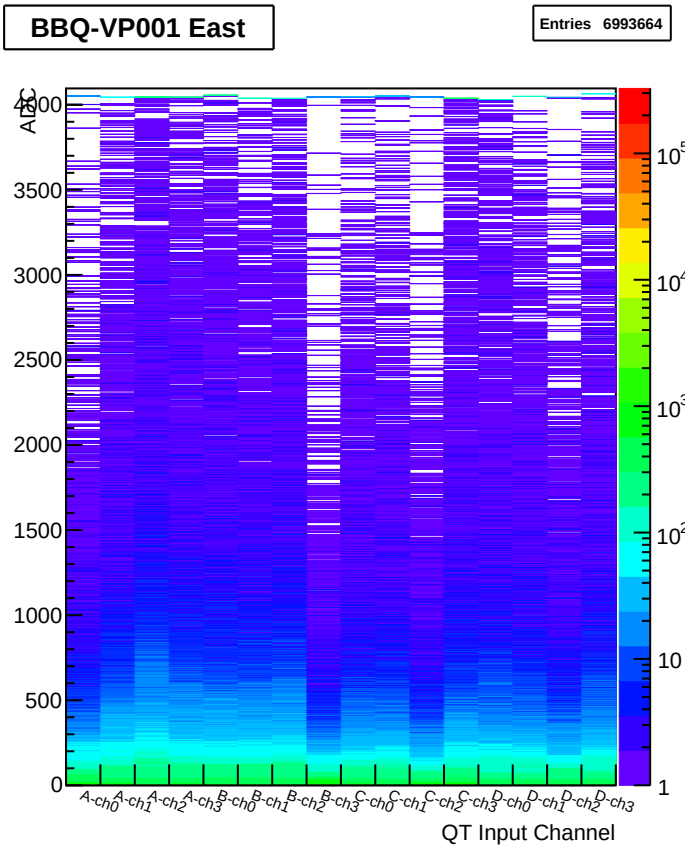

BBQ-BB001 (BBC east small tiles TAC)
Entries 6993664
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

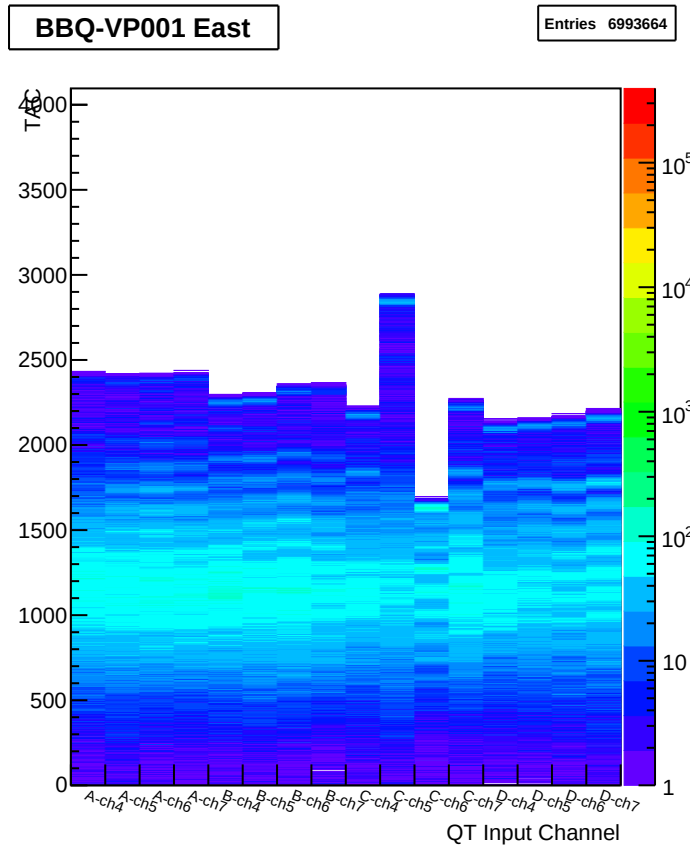

BBQ-BB002 (BBC west small tiles ADC)
Entries 6993664
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

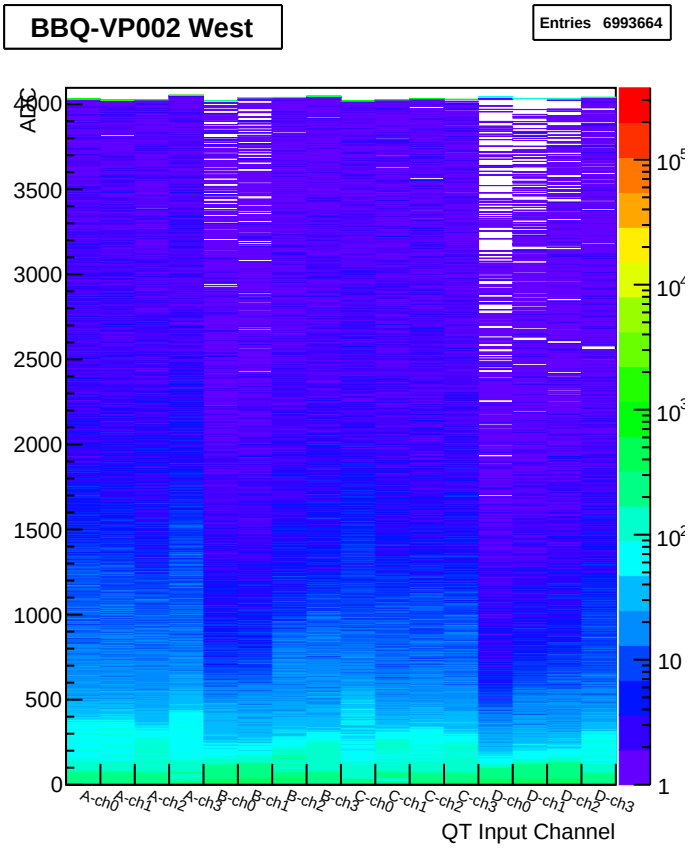

BBQ-BB002 (BBC west small tiles TAC)
Entries 6993664
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

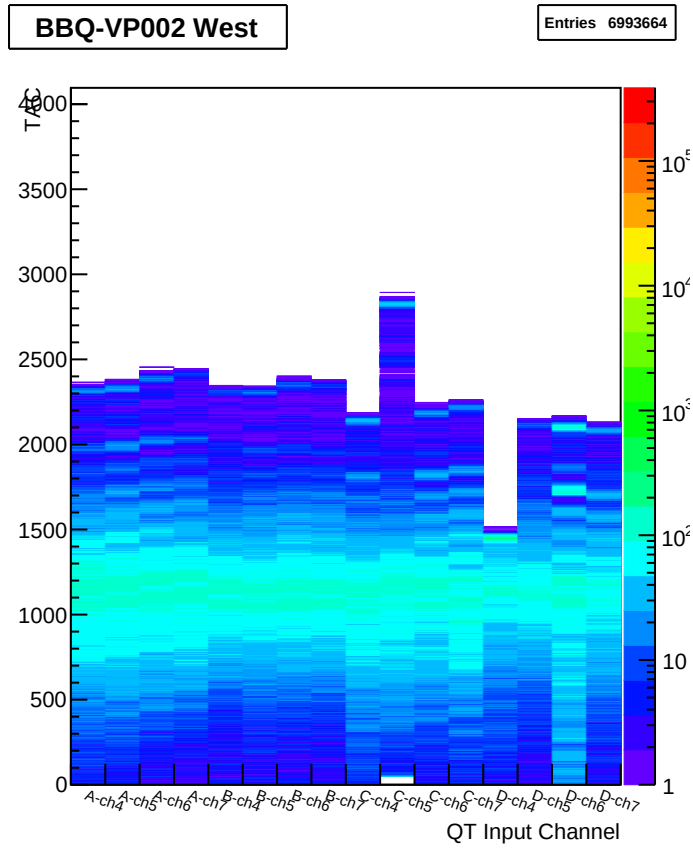

BBQ-ZD001 (ZDC TOWER)
Entries 6993664
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

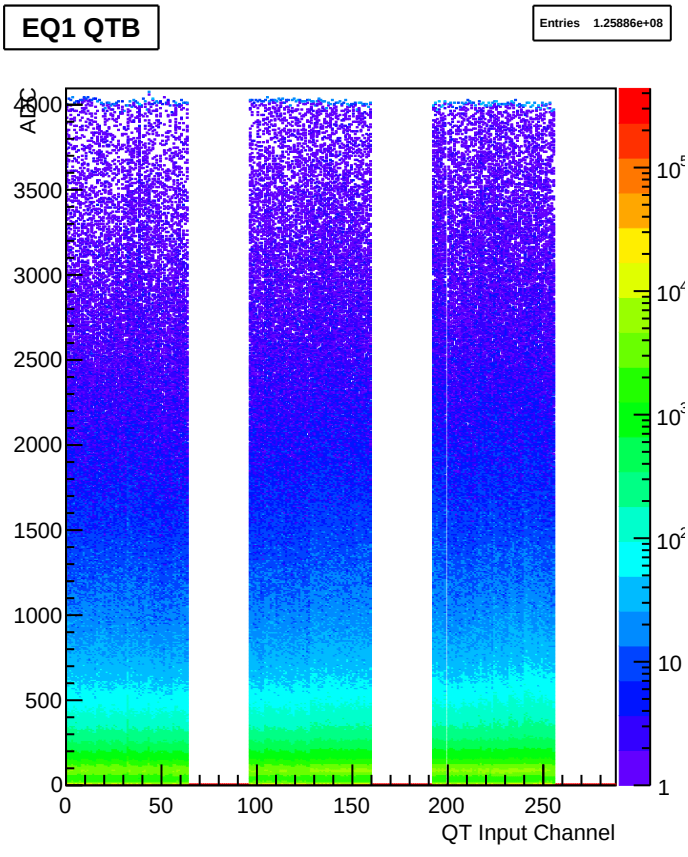

BBQ-ZD001 (ZDC TOWER)
Entries 6993664
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

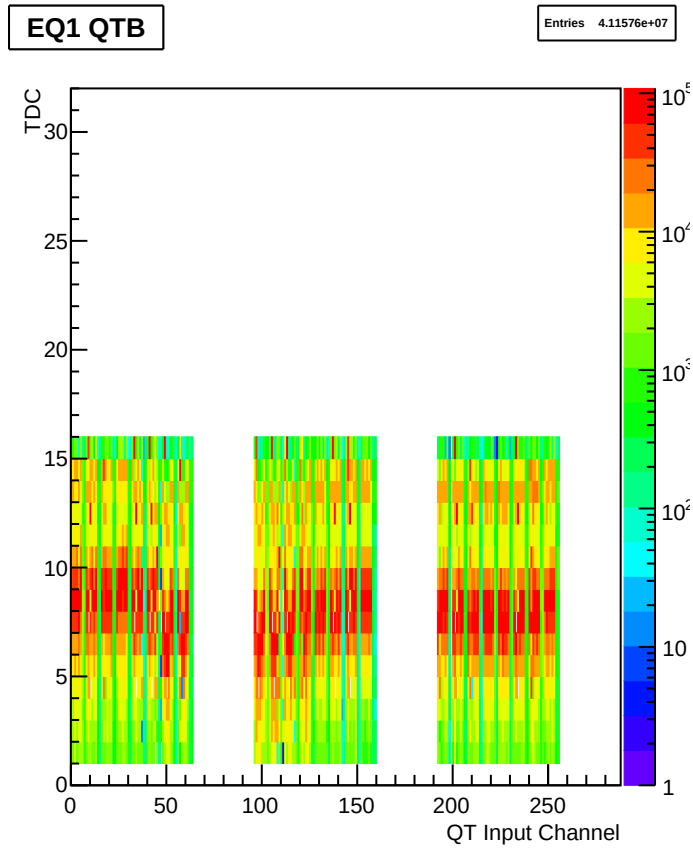

BBQ-VP001 East
Entries 6993664
ADC
QT Input Channel

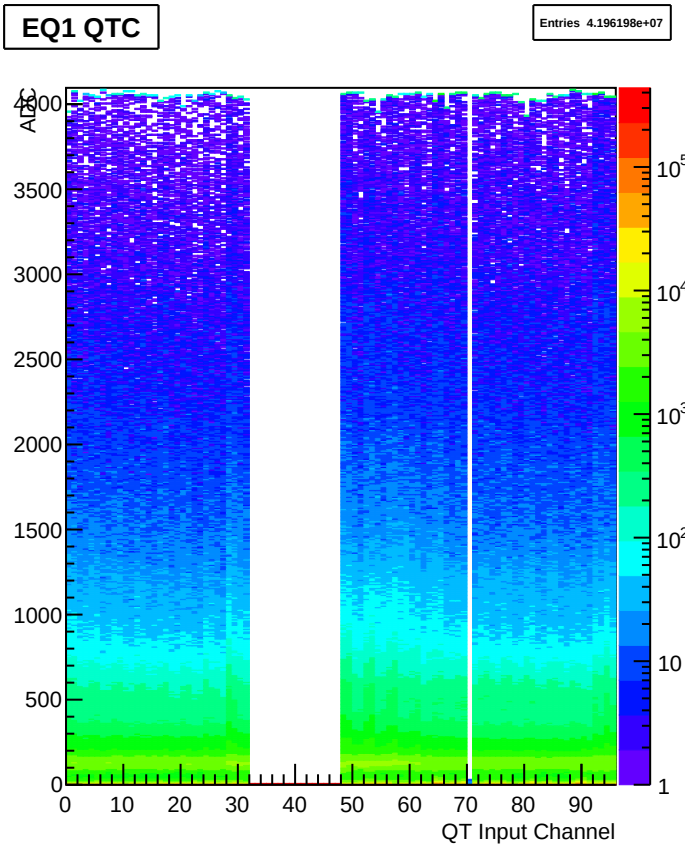

BBQ-VP001 East
Entries 6993664
TADC
QT Input Channel

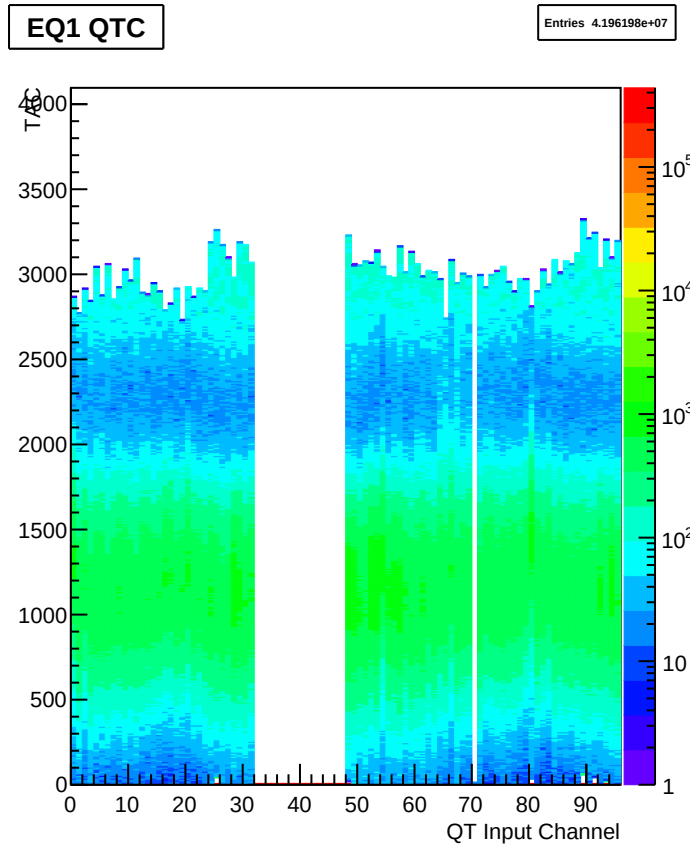

BBQ-VP002 West
Entries 6993664
ADC
QT Input Channel

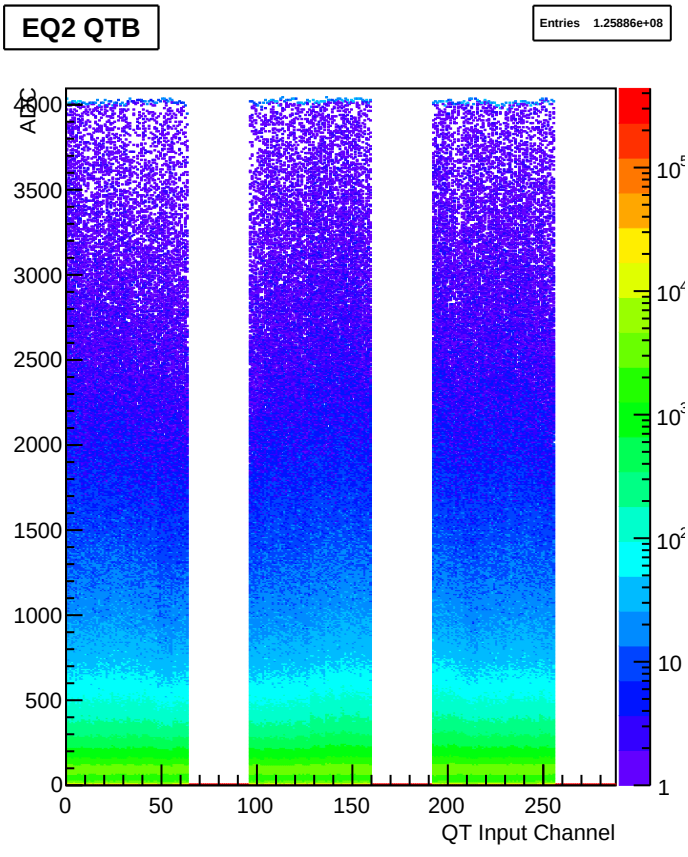

BBQ-VP002 West
Entries 6993664
TADC
QT Input Channel

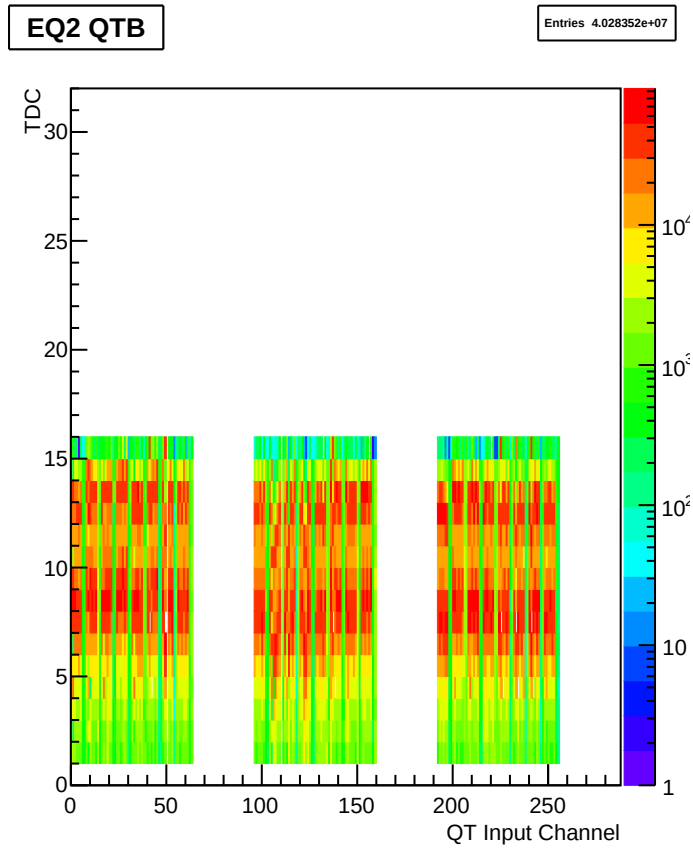

EQ1 QTB
Entries 1.25886e+08
ADC
QT Input Channel

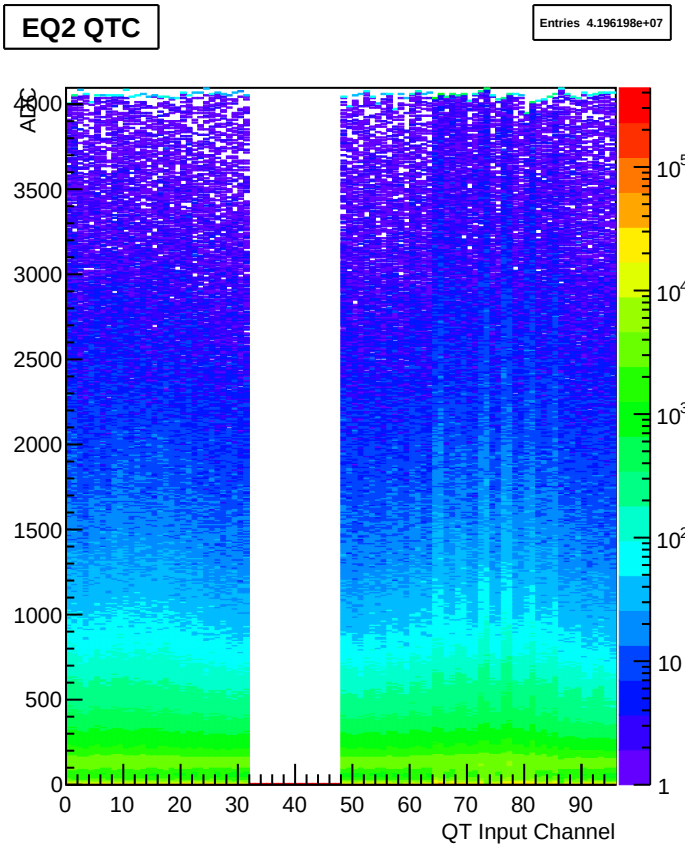

EQ1 QTB
Entries 4.11576e+07
TDC
QT Input Channel

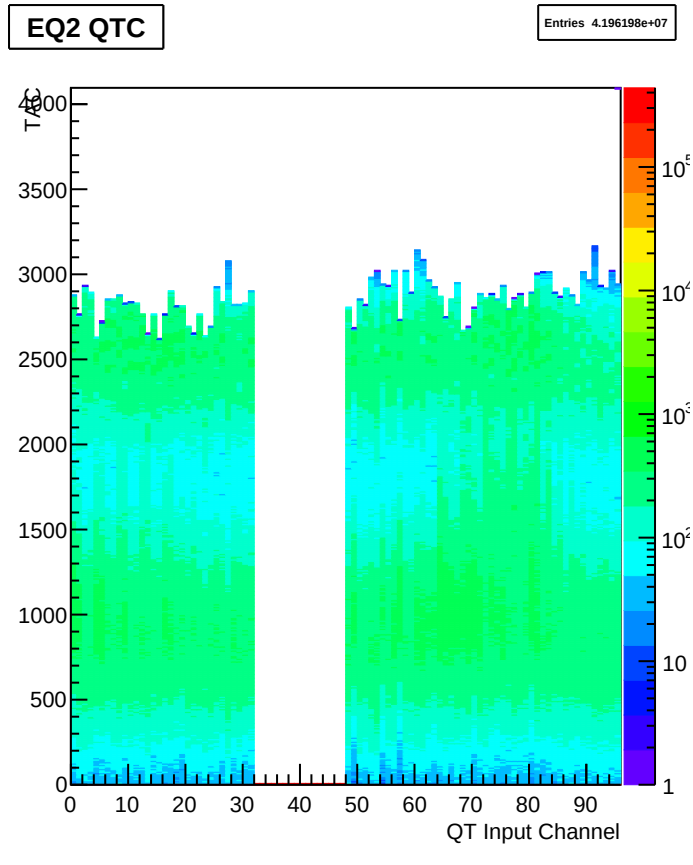

EQ1 QTC
Entries 4.196198e+07
ADC
QT Input Channel

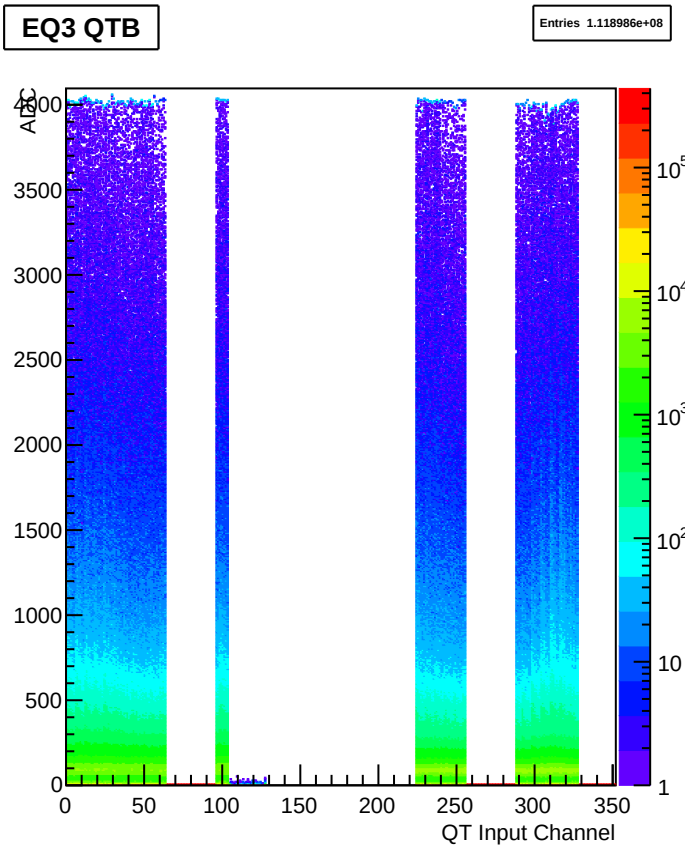

EQ1 QTC
Entries 4.196198e+07
TADC
QT Input Channel

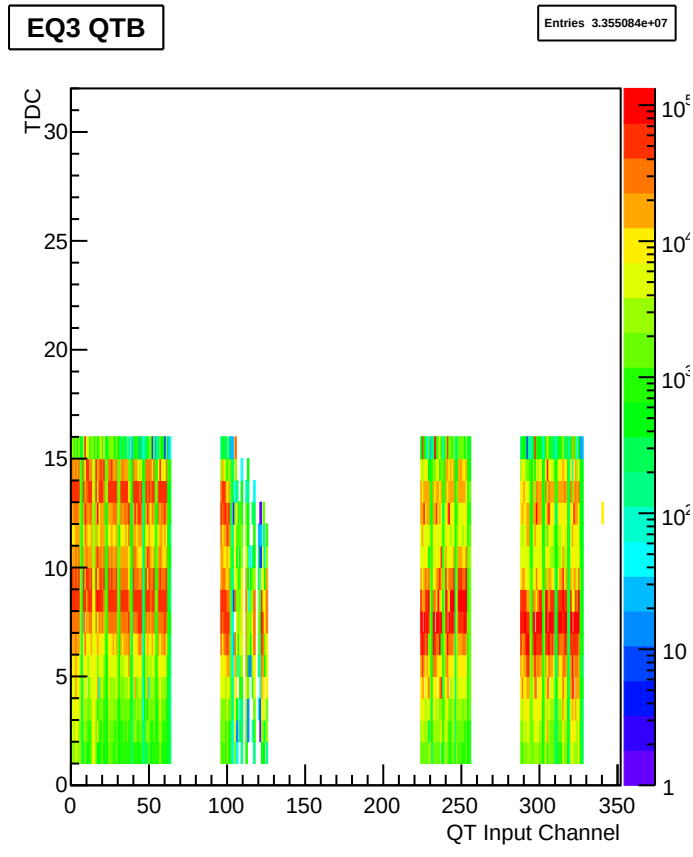

EQ2 QTB
Entries 1.25886e+08
ADC
QT Input Channel

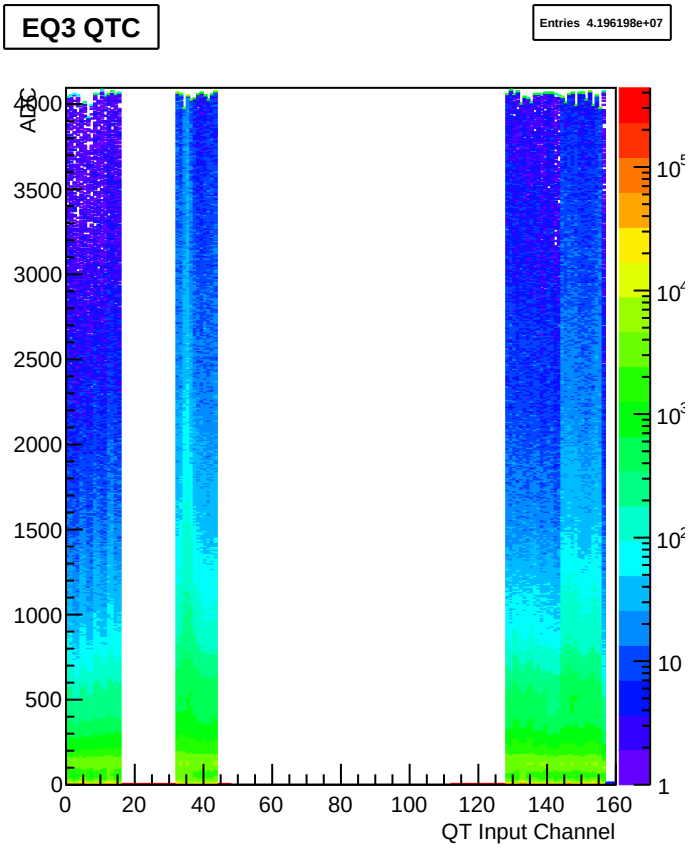

EQ2 QTB
Entries 4.028352e+07
TDC
QT Input Channel

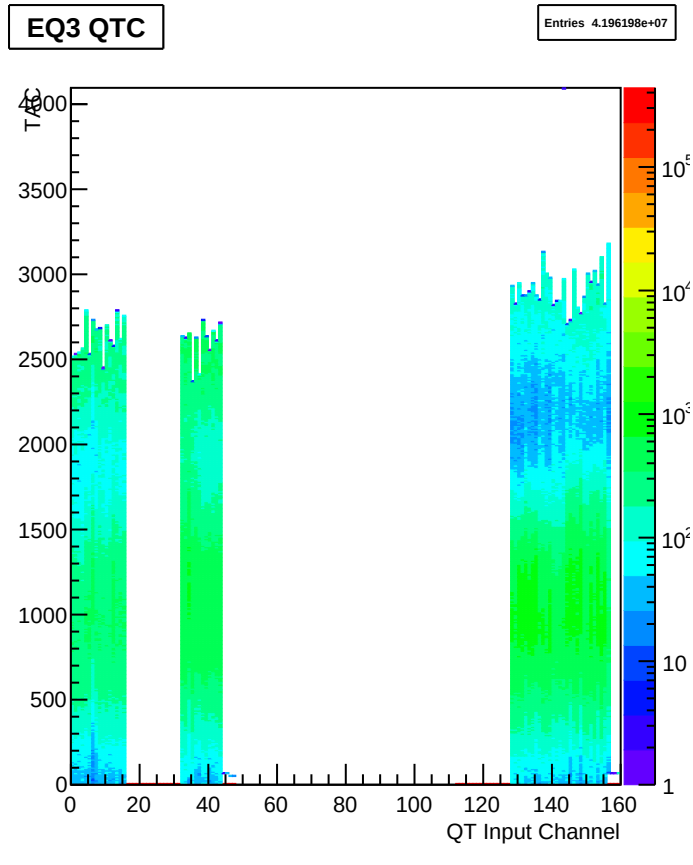

EQ2 QTC
Entries 4.196198e+07
ADC
QT Input Channel

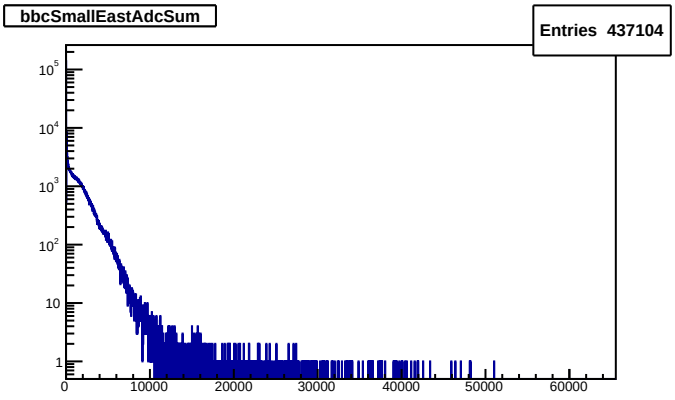

EQ2 QTC
Entries 4.196198e+07
TADC
QT Input Channel

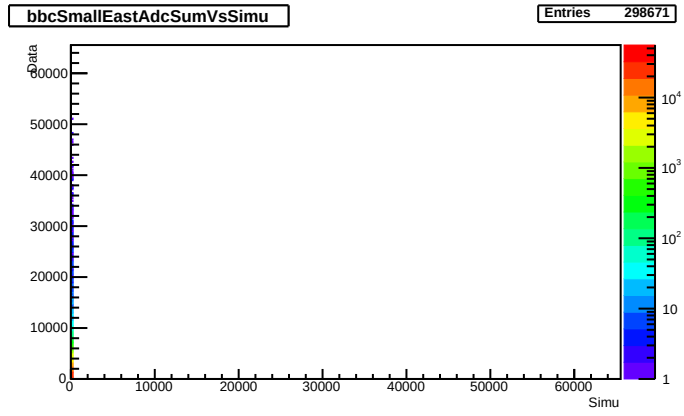

EQ3 QTB
Entries 1.118986e+08
ADC
QT Input Channel

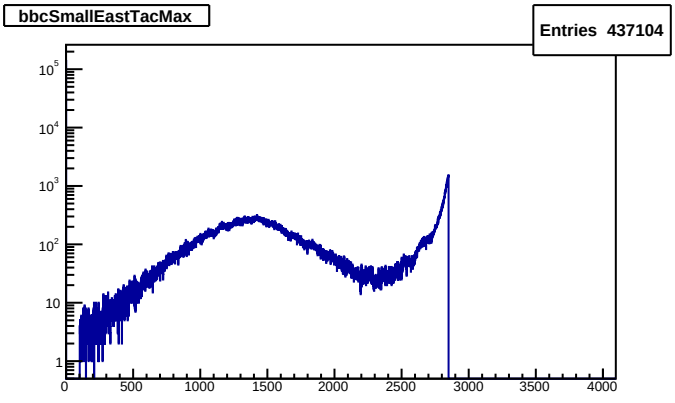

EQ3 QTB
Entries 3.355084e+07
TDC
QT Input Channel

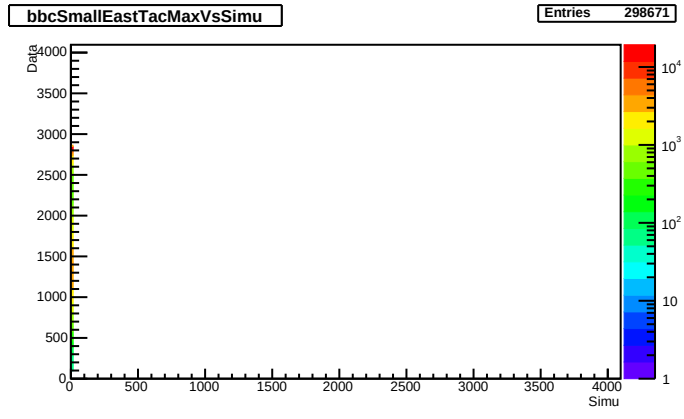

EQ3 QTC
Entries 4.196198e+07
ADC
QT Input Channel

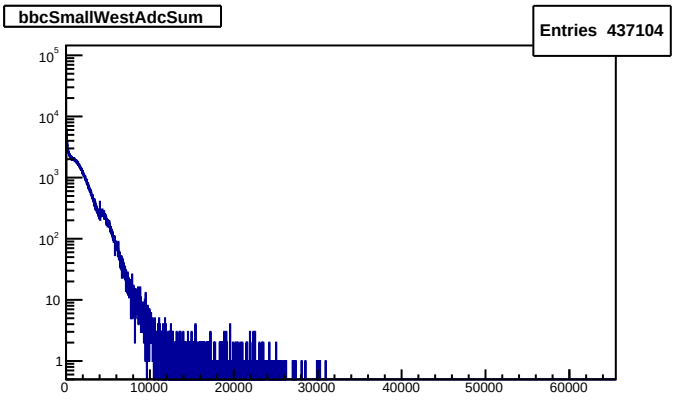

EQ3 QTC
Entries 4.196198e+07
TADC
QT Input Channel

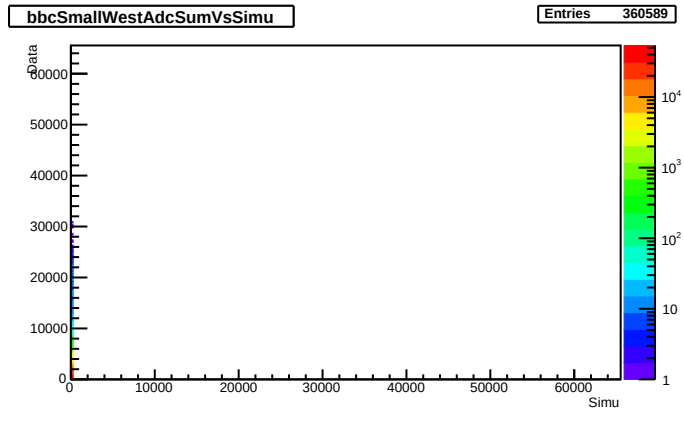

bbcSmallEastAdcSum
Entries 437104

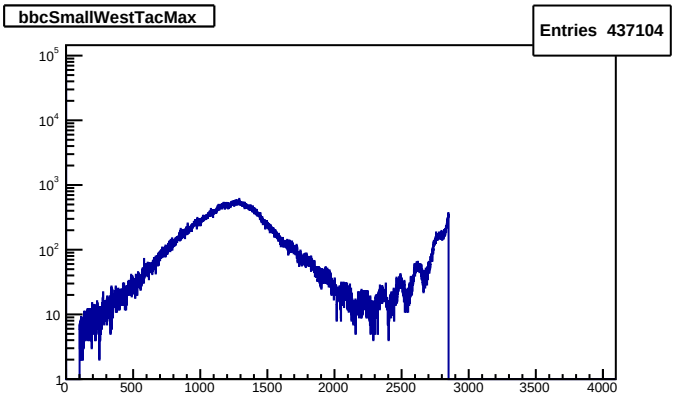

bbcSmallEastAdcSumVsSimu
Entries 298671
Data
Simu

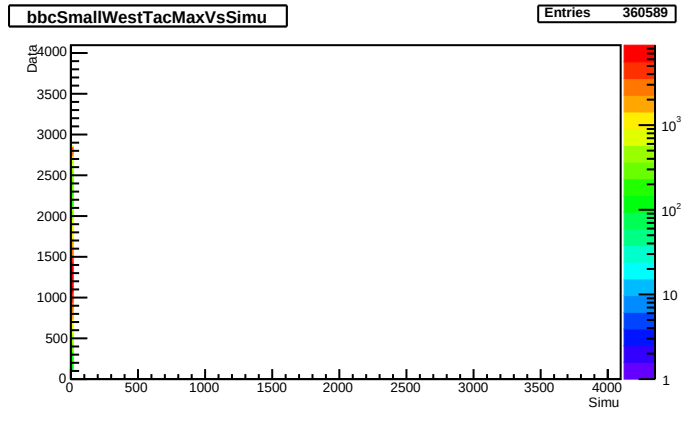

bbcSmallEastTacMax
Entries 437104

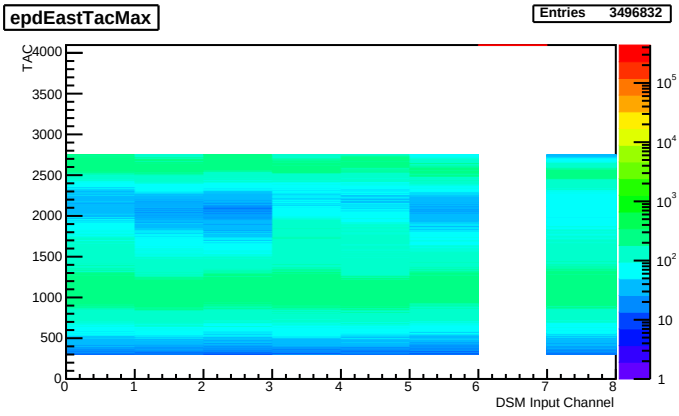

bbcSmallEastTacMaxVsSimu
Entries 298671
Data
Simu

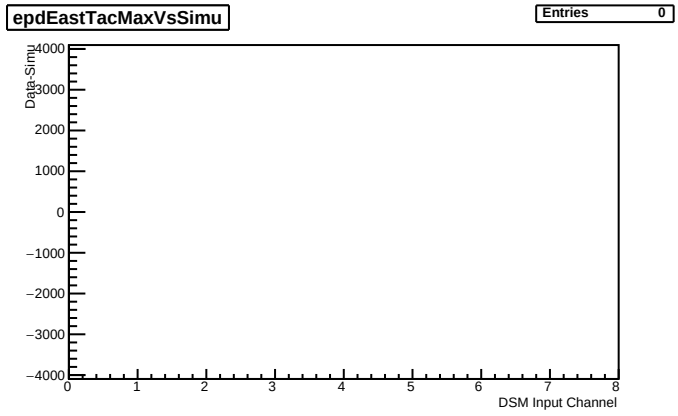

bbcSmallWestAdcSum
Entries 437104

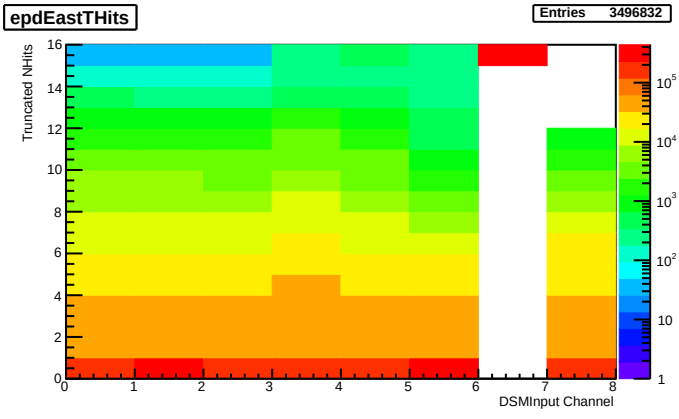

bbcSmallWestAdcSumVsSimu
Entries 360589
Data
Simu

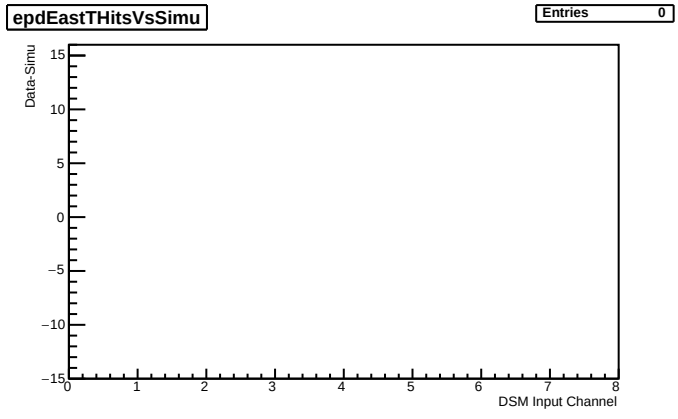

bbcSmallWestTacMax
Entries 437104

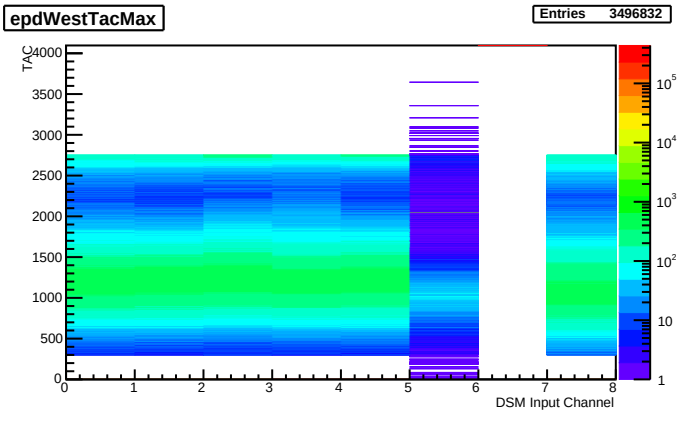

bbcSmallWestTacMaxVsSimu
Entries 360589
Data
Simu

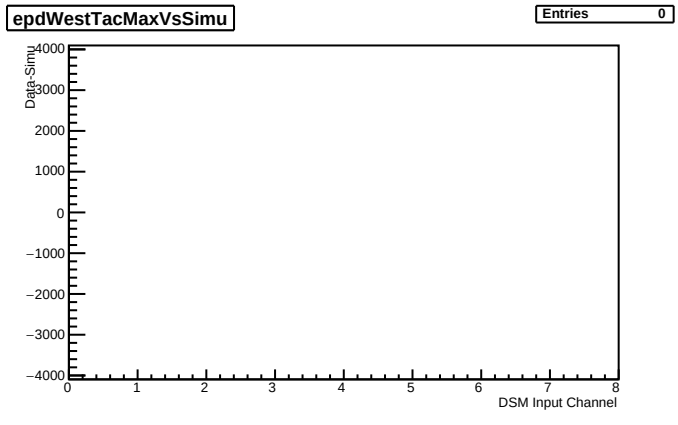

epdEastTacMax
Entries 3496832
TAC
DSM Input Channel

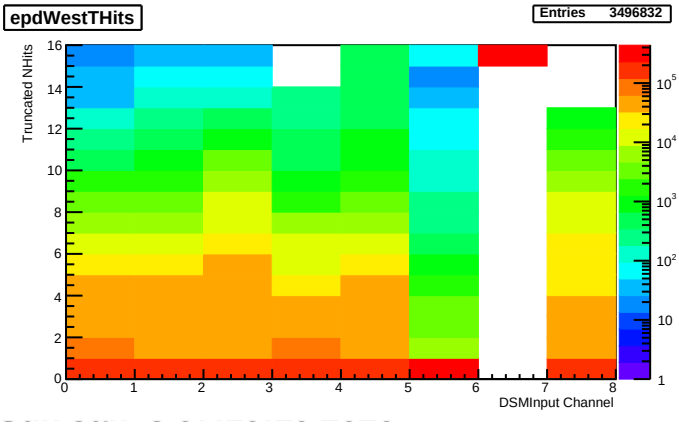

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

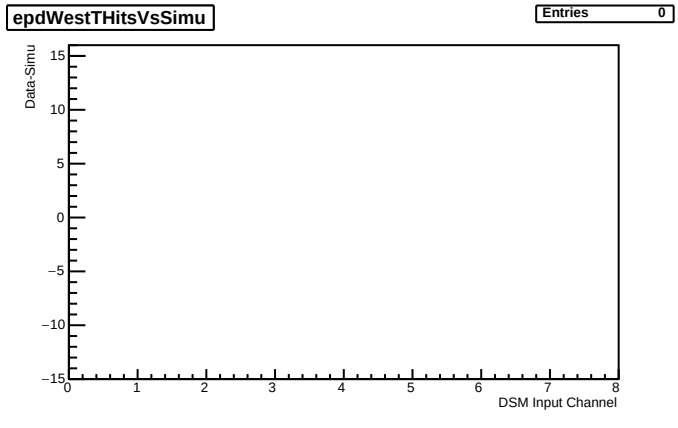

epdEastTHits
Entries 3496832
Truncated NHits
DSMInput Channel

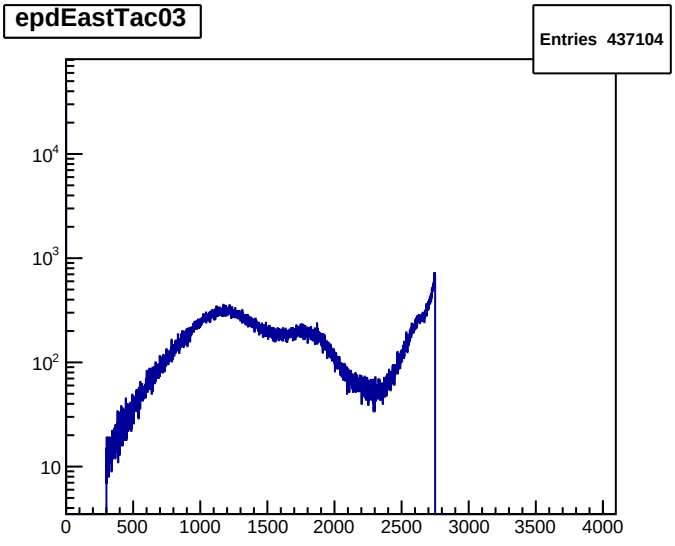

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

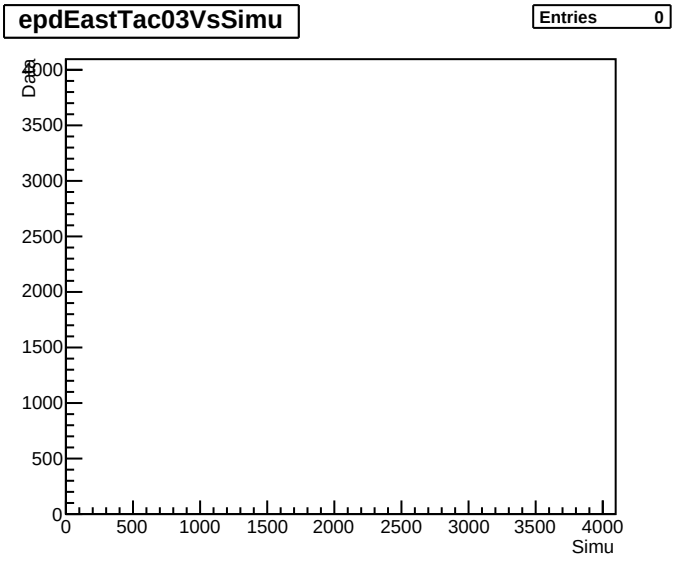

epdWestTacMax
Entries 3496832
TAC
DSM Input Channel

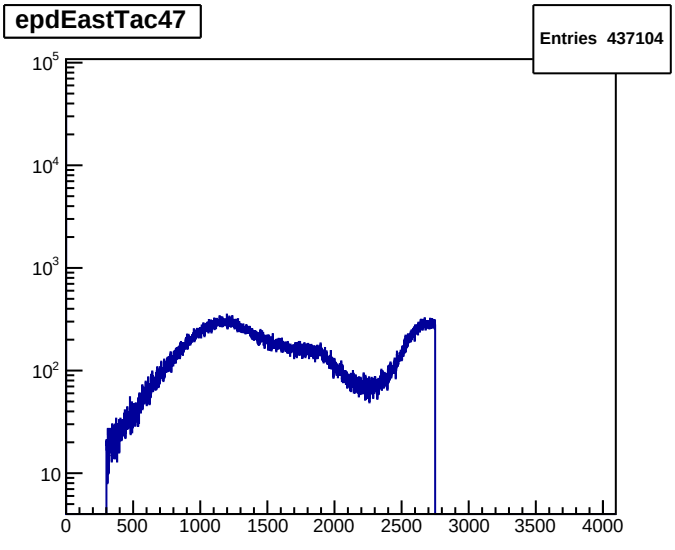

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

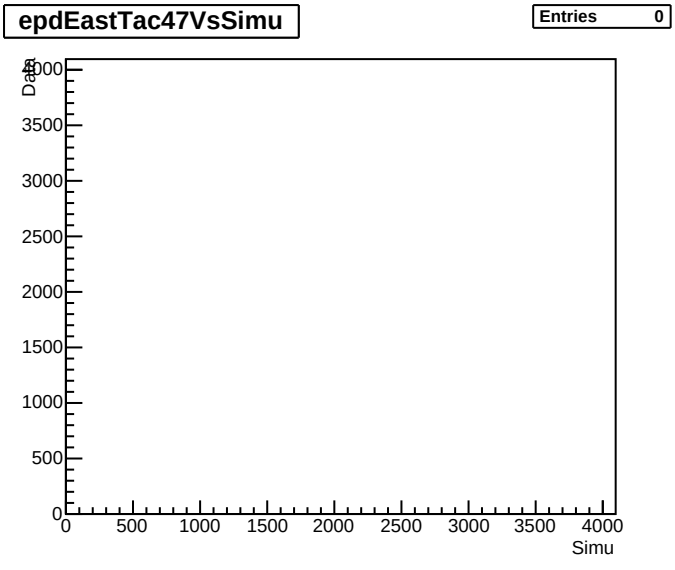

epdWestTHits
Entries 3496832
Truncated NHits
DSMInput Channel

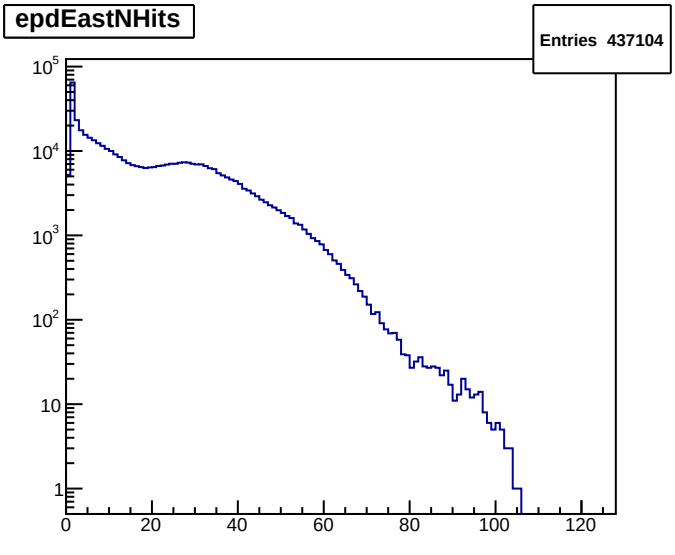

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

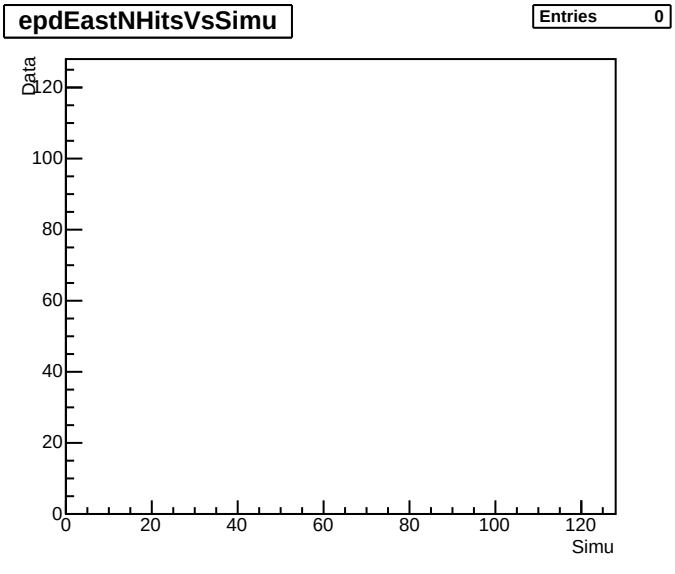

epdEastTac03
Entries 437104

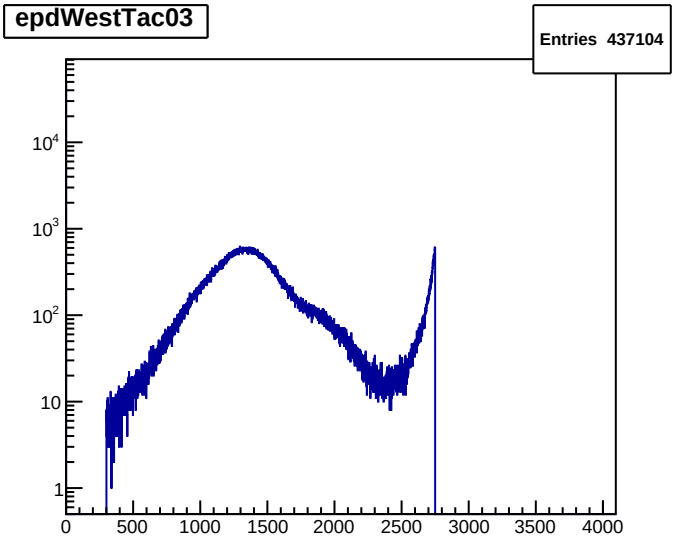

epdEastTac03VsSimu
Entries 0
Data
Simu

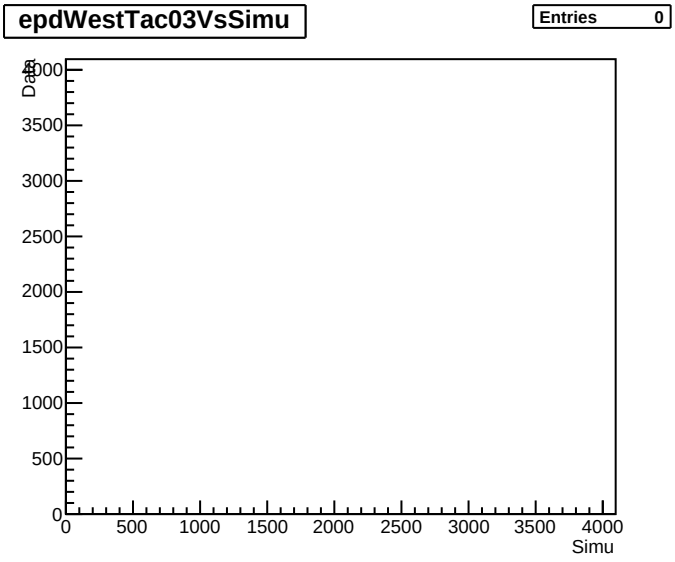

epdEastTac47
Entries 437104

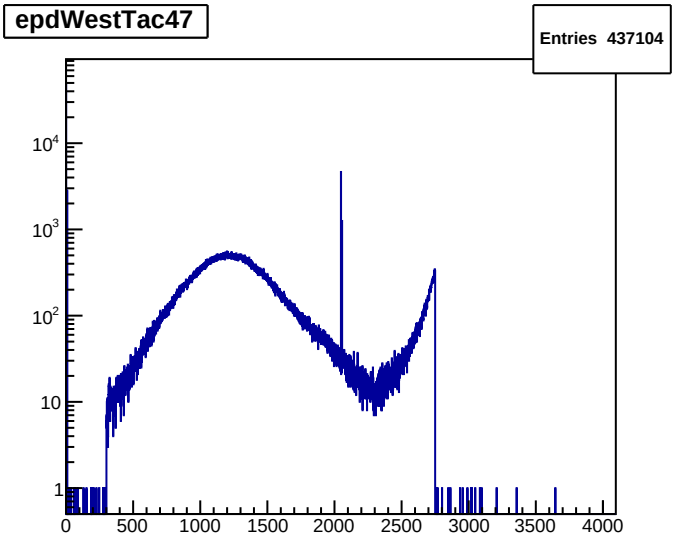

epdEastTac47VsSimu
Entries 0
Data
Simu

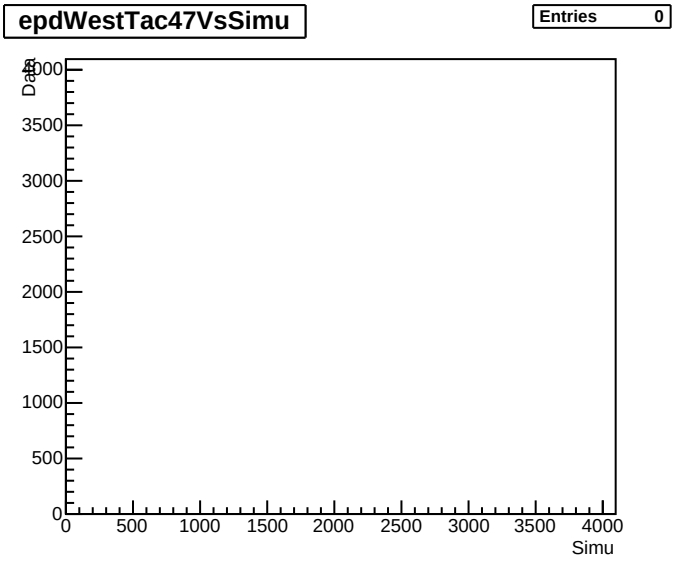

epdEastNHits
Entries 437104

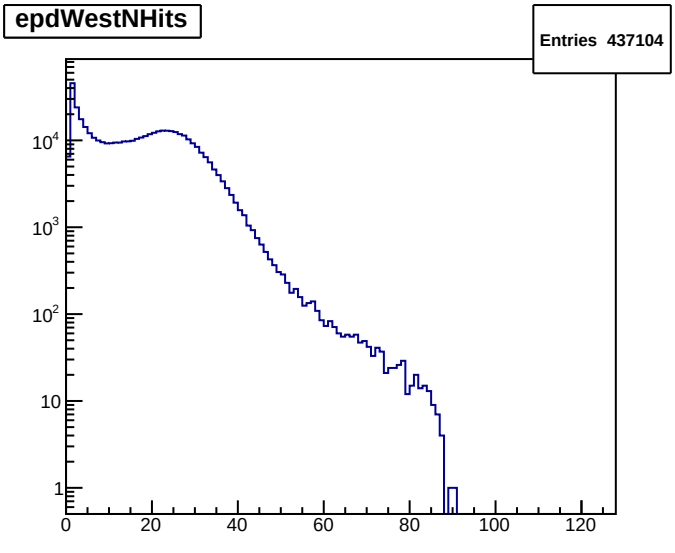

epdEastNHitsVsSimu
Entries 0
Data
Simu

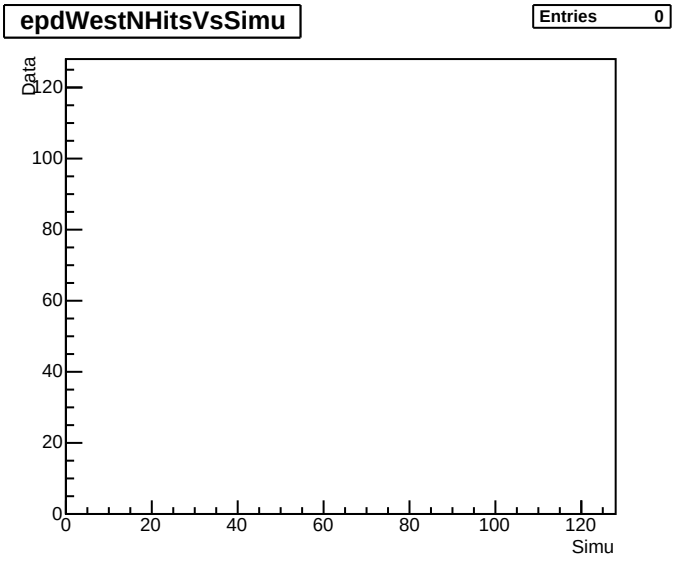

epdWestTac03
Entries 437104

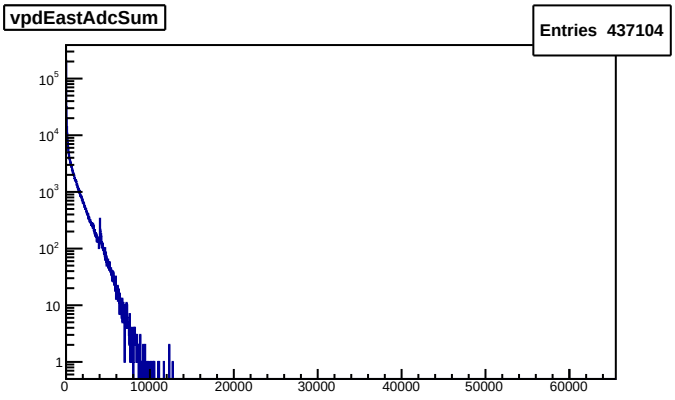

epdWestTac03VsSimu
Entries 0
Data
Simu

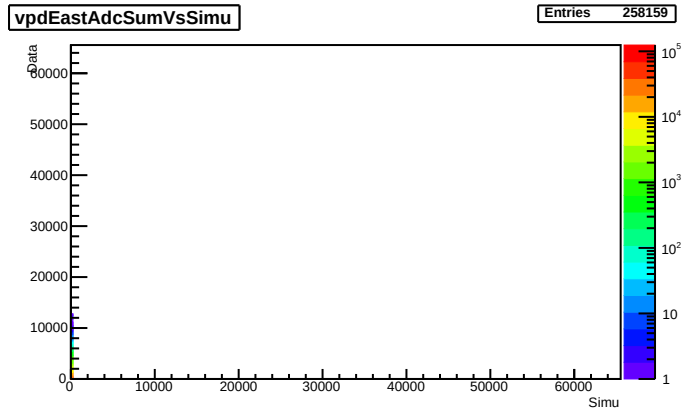

epdWestTac47
Entries 437104

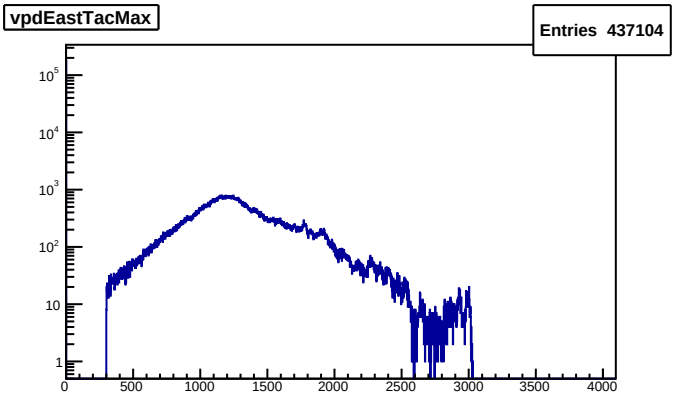

epdWestTac47VsSimu
Entries 0
Data
Simu

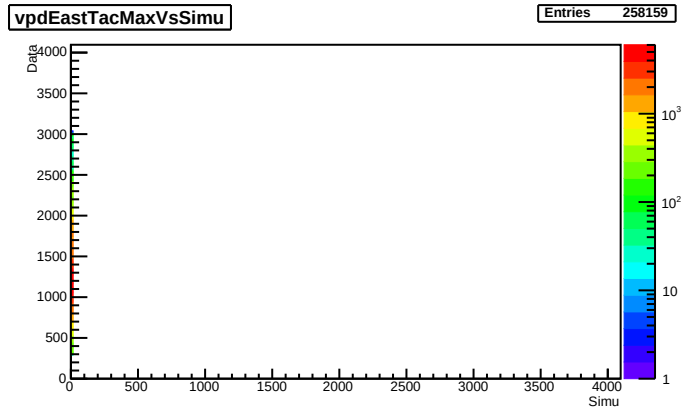

epdWestNHits
Entries 437104

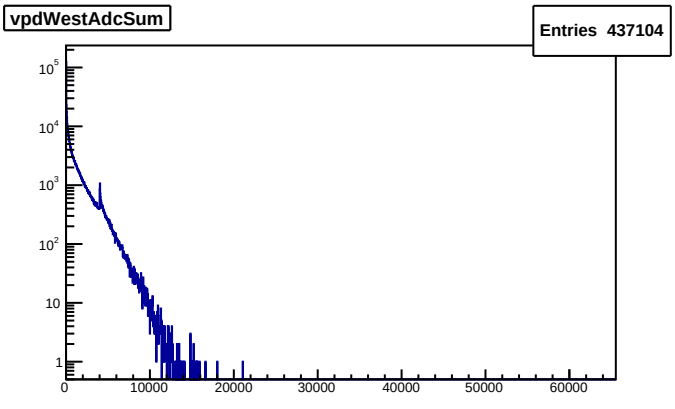

epdWestNHitsVsSimu
Entries 0
Data
Simu

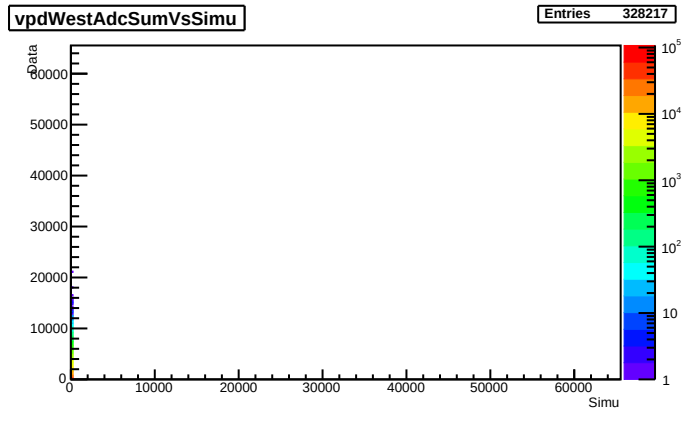

vpdEastAdcSum
Entries 437104

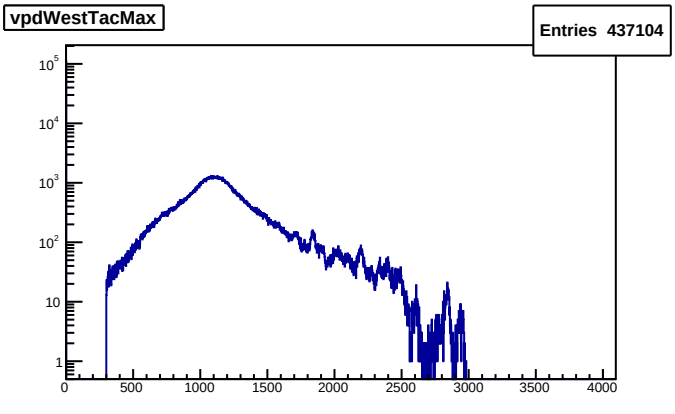

vpdEastAdcSumVsSimu
Entries 258159
Data
Simu

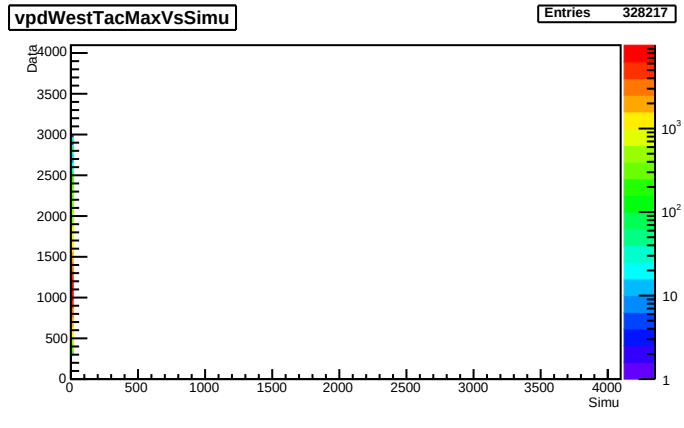

vpdEastTacMax
Entries 437104

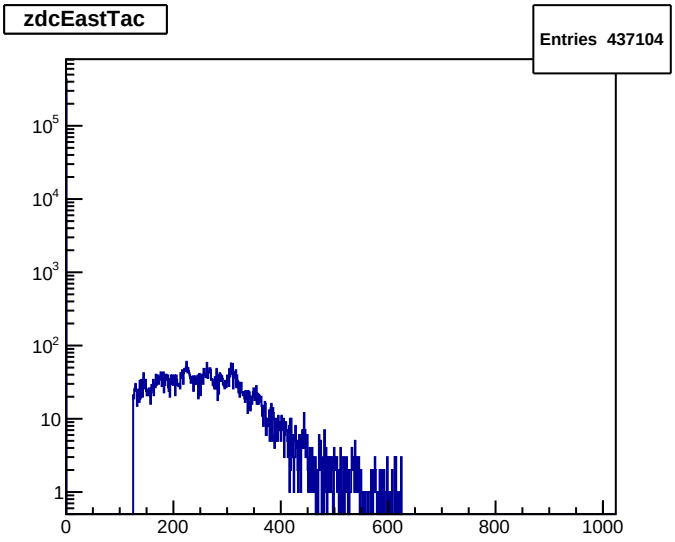

vpdEastTacMaxVsSimu
Entries 258159
Data
Simu

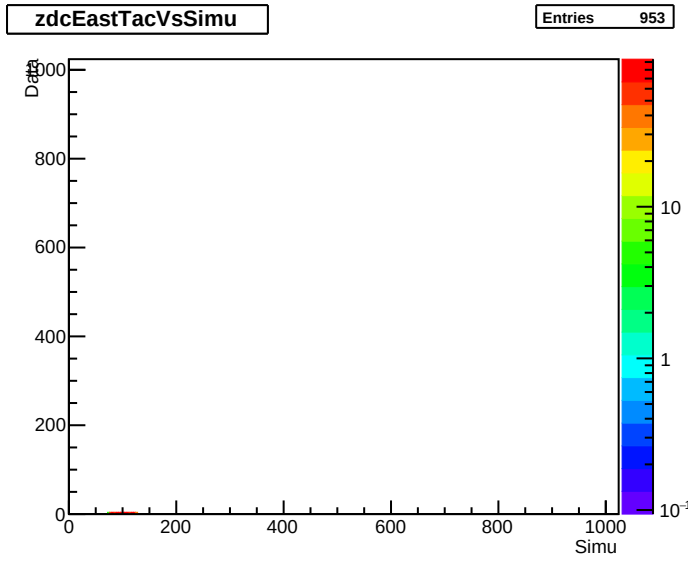

vpdWestAdcSum
Entries 437104

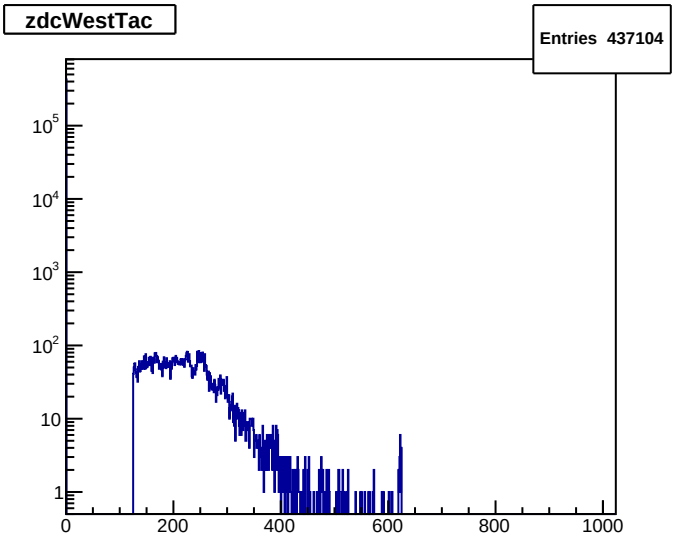

vpdWestAdcSumVsSimu
Entries 328217
Data
Simu

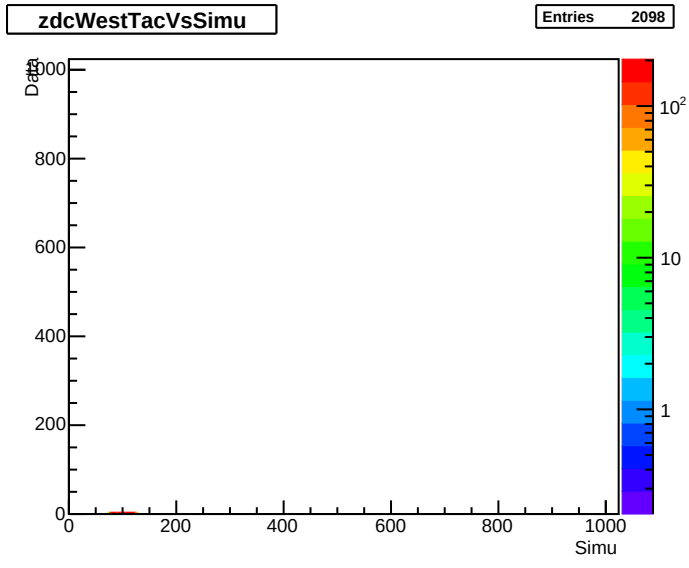

vpdWestTacMax
Entries 437104

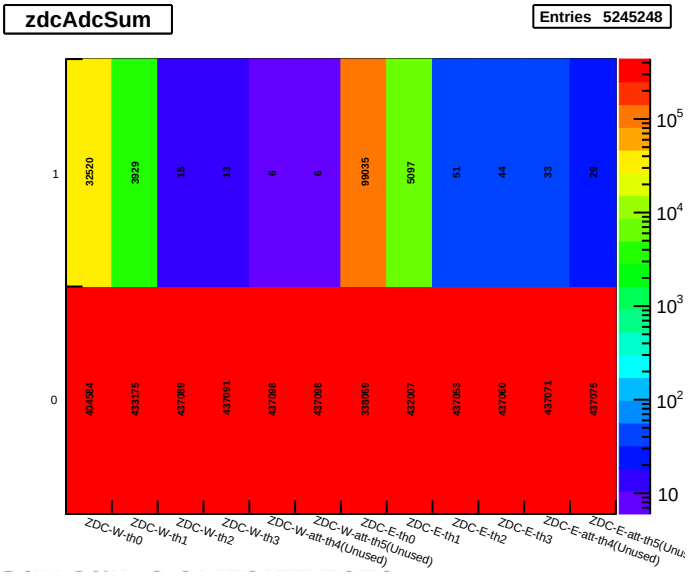

vpdWestTacMaxVsSimu
Entries 328217
Data
Simu

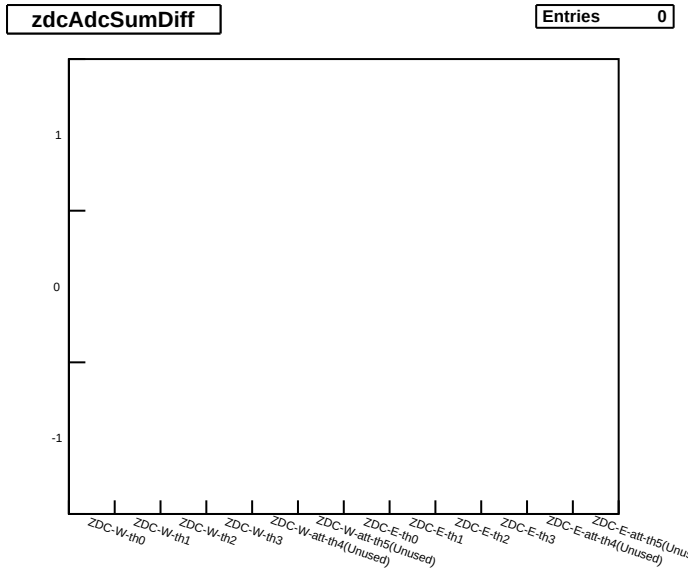

zdcEastTac
Entries 437104

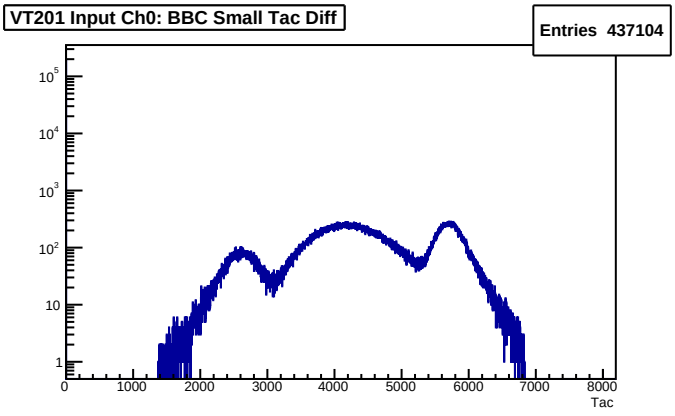

zdcEastTacVsSimu
Entries 953
Data
Simu

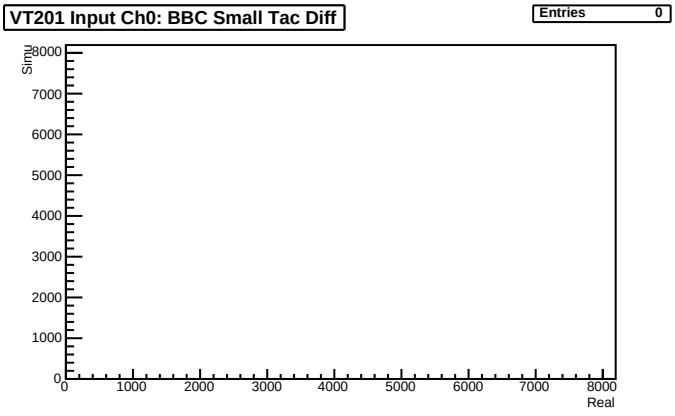

zdcWestTac
Entries 437104

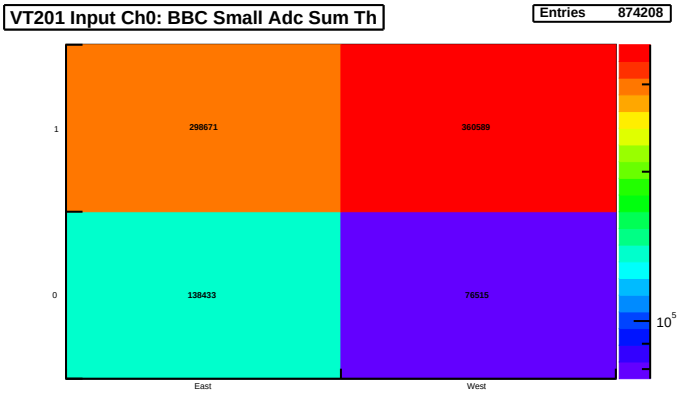

zdcWestTacVsSimu
Entries 2098
Data
Simu

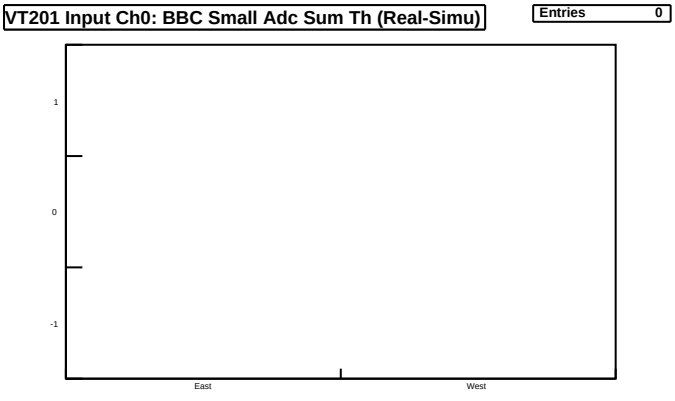

zdcAdcSum
Entries 5245248
32520
3929
15
13
6
6
99035
5097
51
44
33
29
404584
433175
437089
437091
437098
437098
338669
432007
437053
437060
437071
437075
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

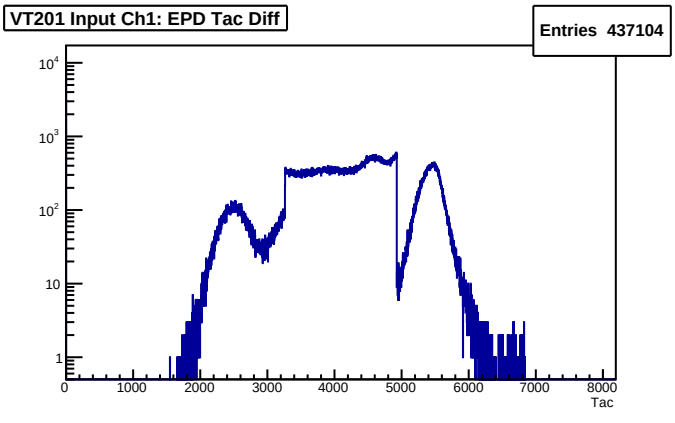

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

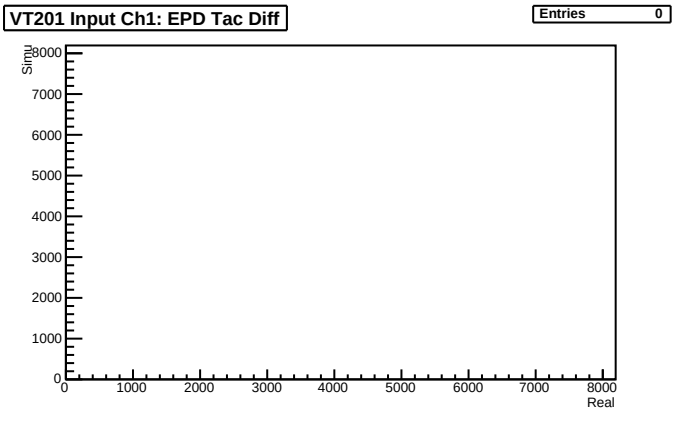

VT201 Input Ch0: BBC Small Tac Diff
Entries 437104
Tac

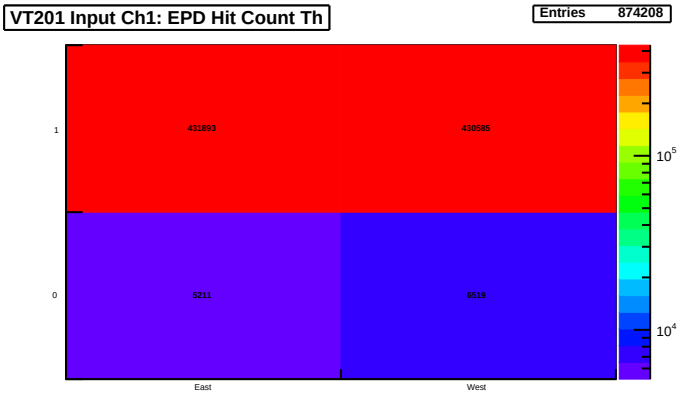

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

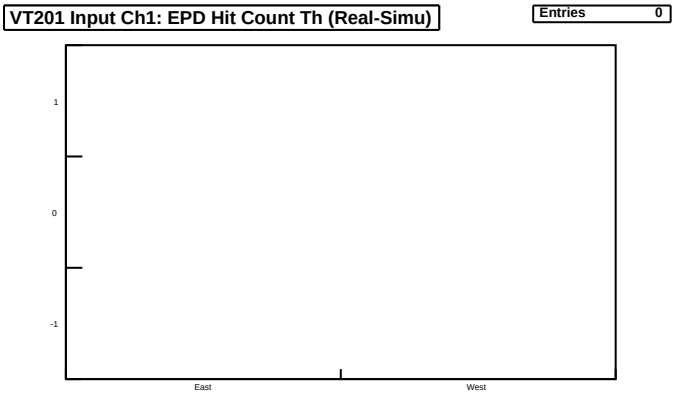

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 874208
298671
360589
138433
76515
East
West

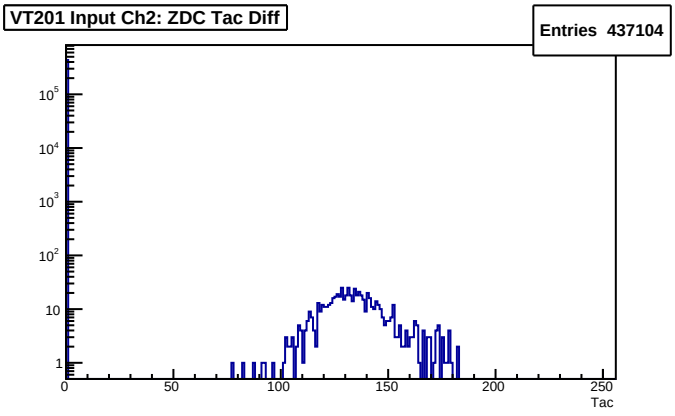

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

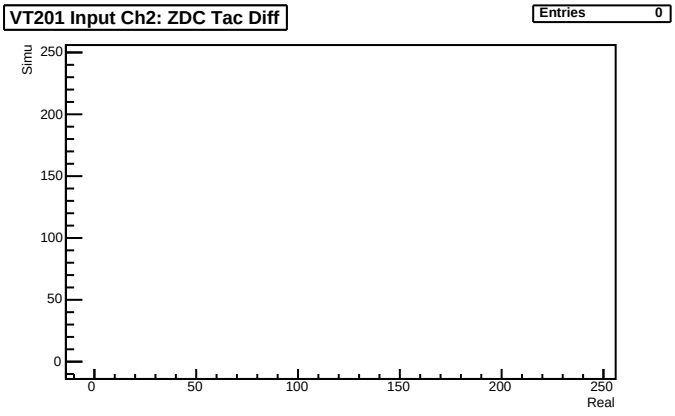

VT201 Input Ch1: EPD Tac Diff
Entries 437104
Tac

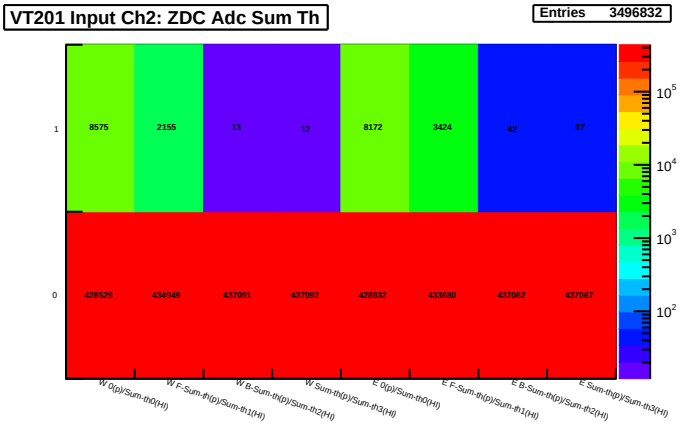

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

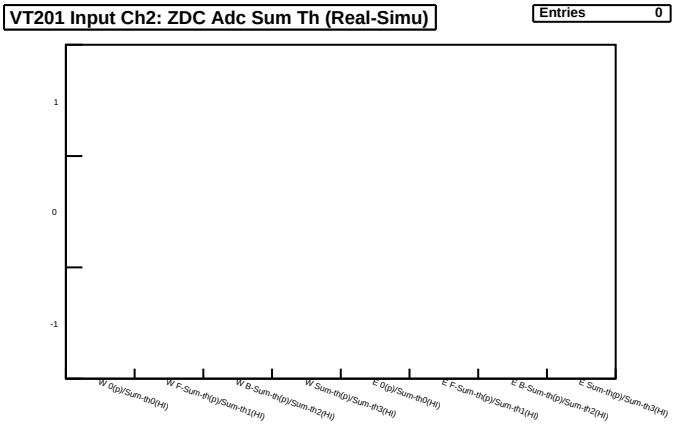

VT201 Input Ch1: EPD Hit Count Th
Entries 874208
431893
430585
5211
6519
East
West

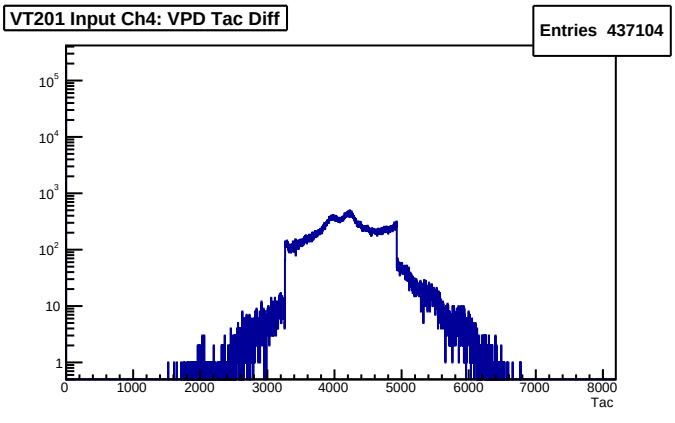

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

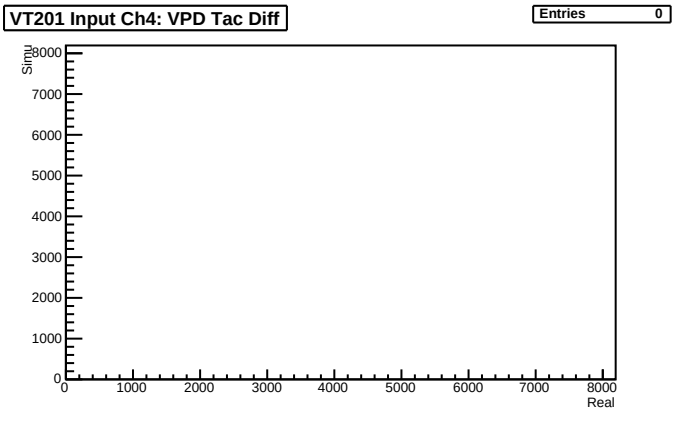

VT201 Input Ch2: ZDC Tac Diff
Entries 437104
Tac

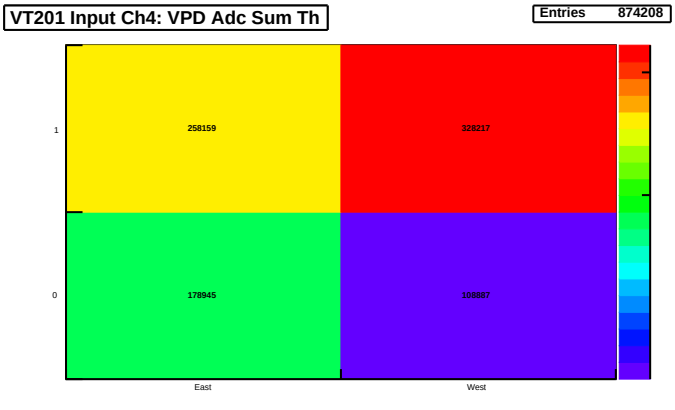

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

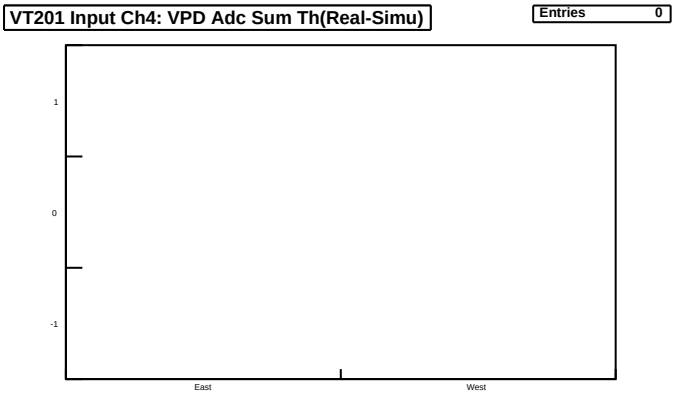

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3496832
8575
2155
13
12
8172
3424
42
37
428529
434949
437091
437092
428932
433680
437062
437067
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

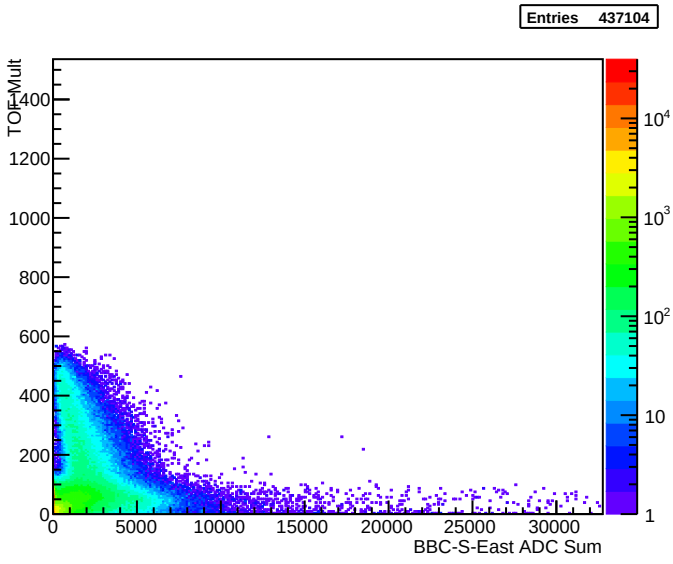

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

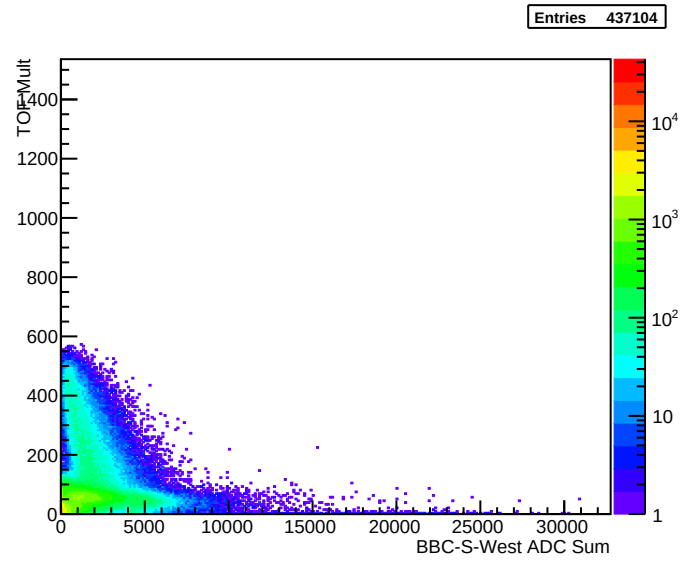

VT201 Input Ch4: VPD Tac Diff
Entries 437104
Tac

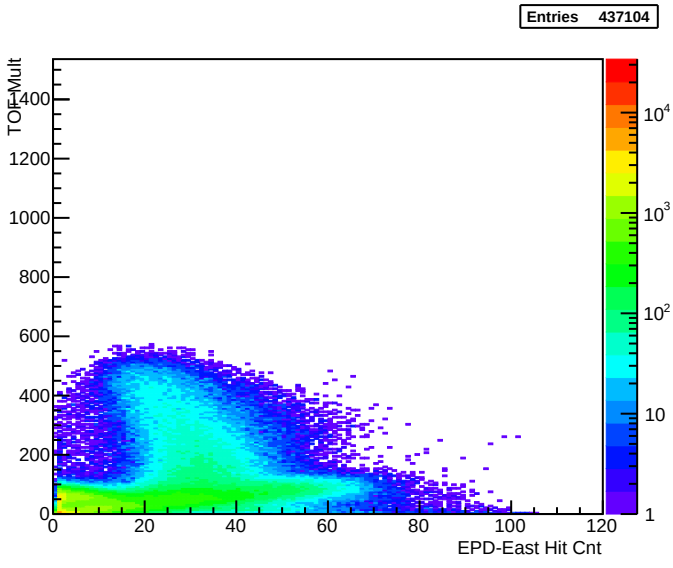

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

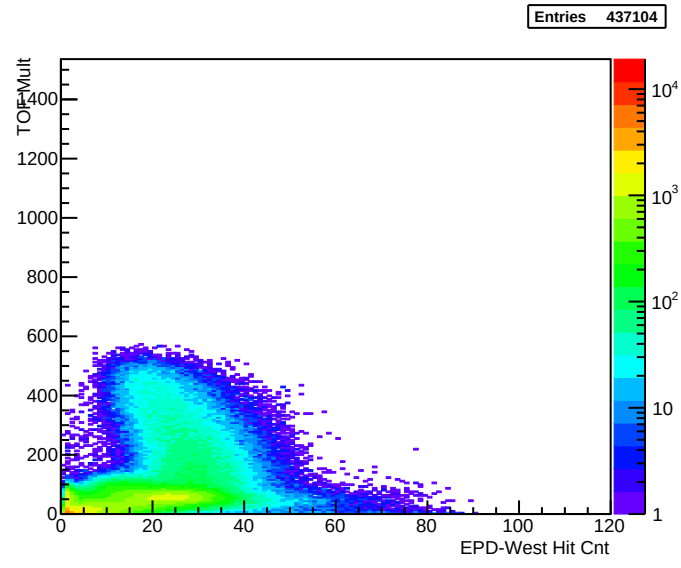

VT201 Input Ch4: VPD Adc Sum Th
Entries 874208
258159
328217
178945
108887
East
West

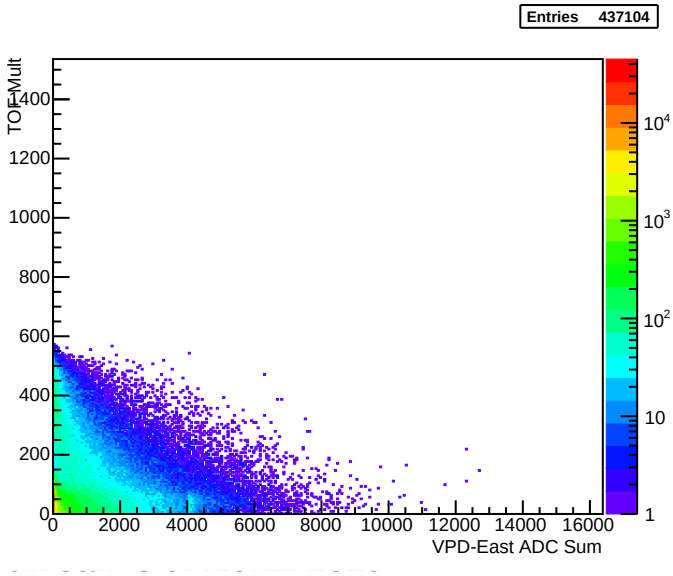

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

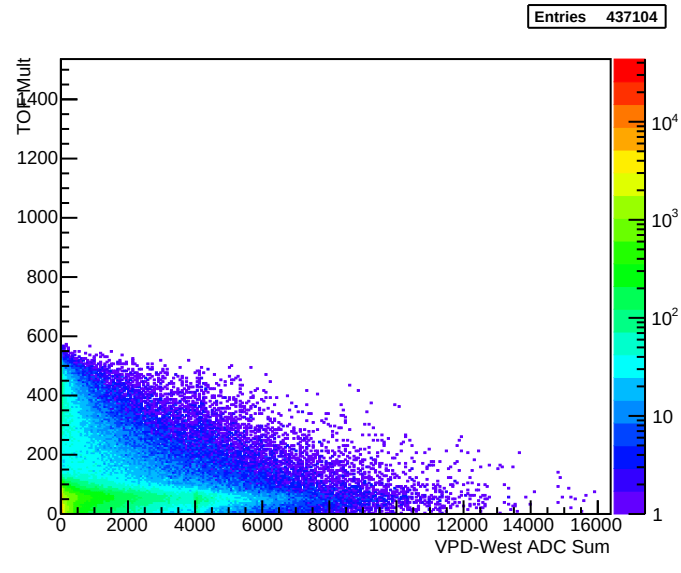

Entries 437104
TOF-Mult
BBC-S-East ADC Sum

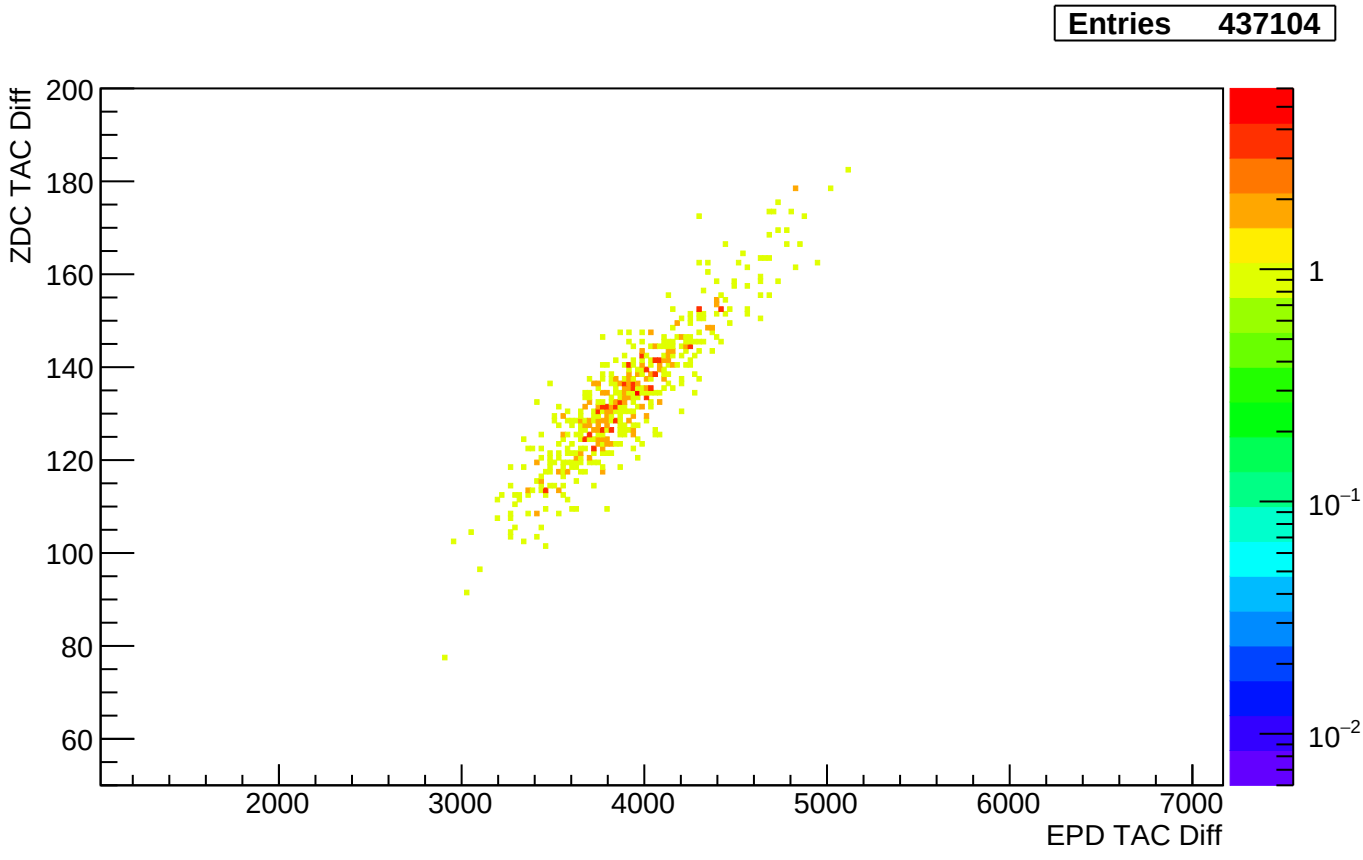

Entries 437104
TOF-Mult
BBC-S-West ADC Sum

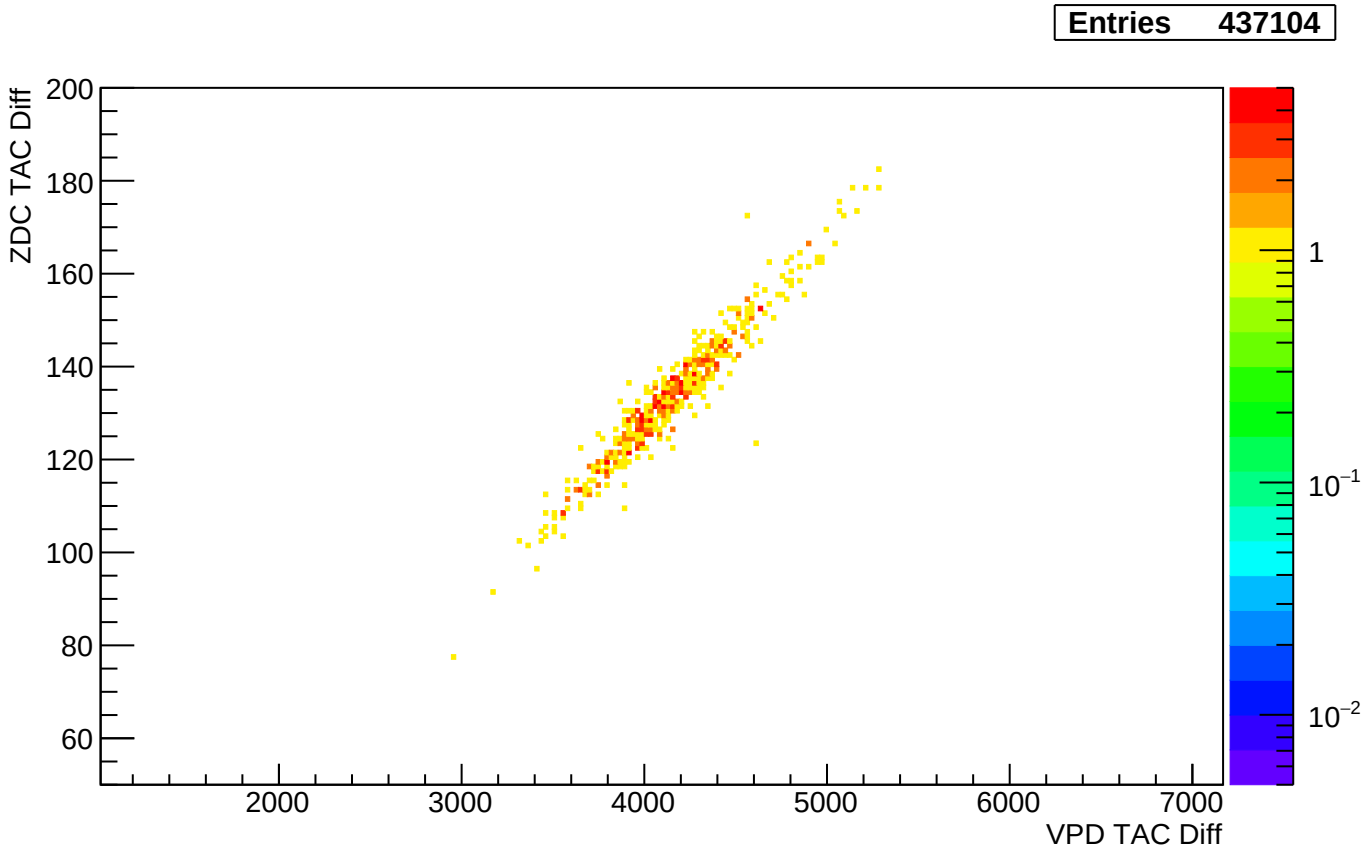

Entries 437104
TOF-Mult
EPD-East Hit Cnt

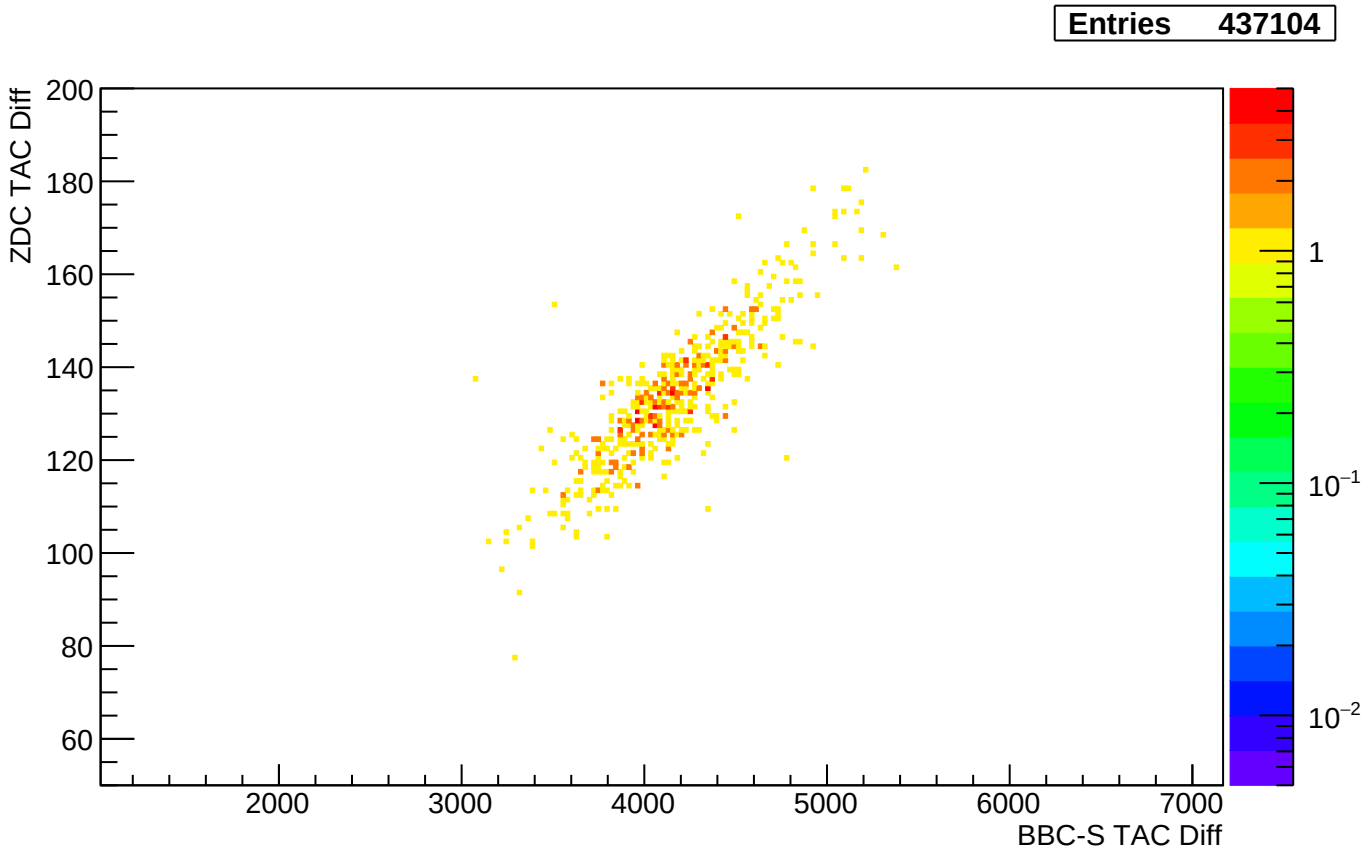

Entries 437104
TOF-Mult
EPD-West Hit Cnt

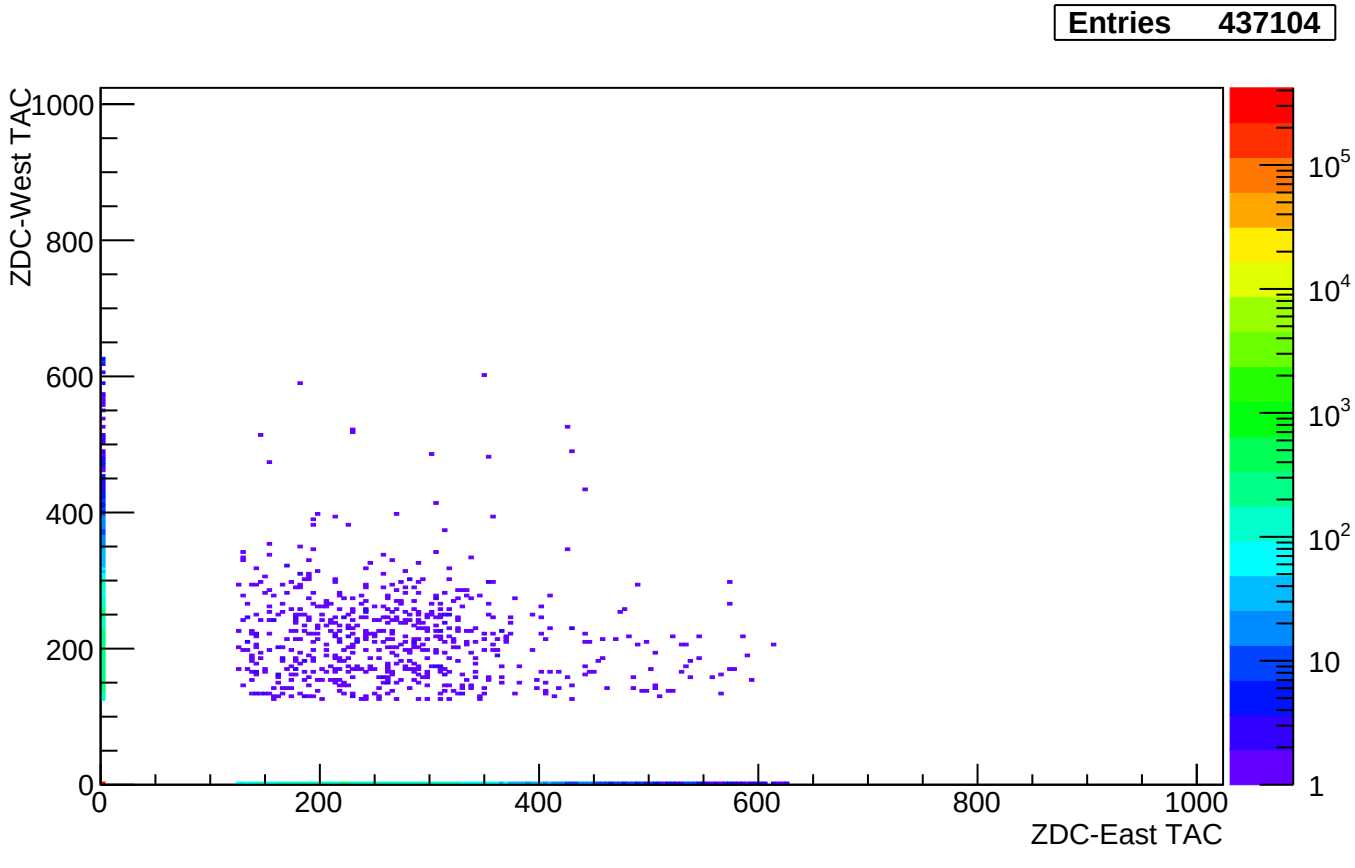

Entries 437104
TOF-Mult
VPD-East ADC Sum

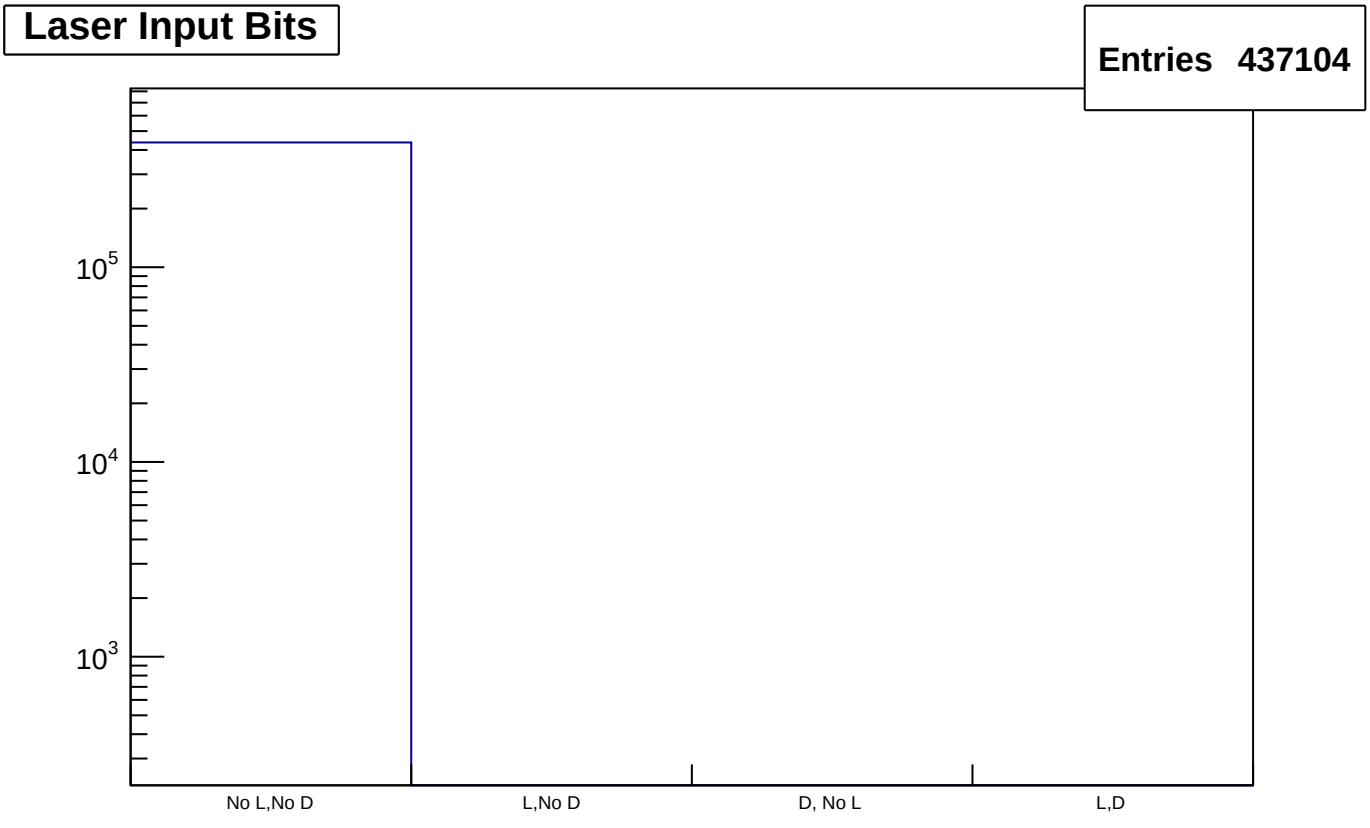

Entries 437104
TOF-Mult
VPD-West ADC Sum

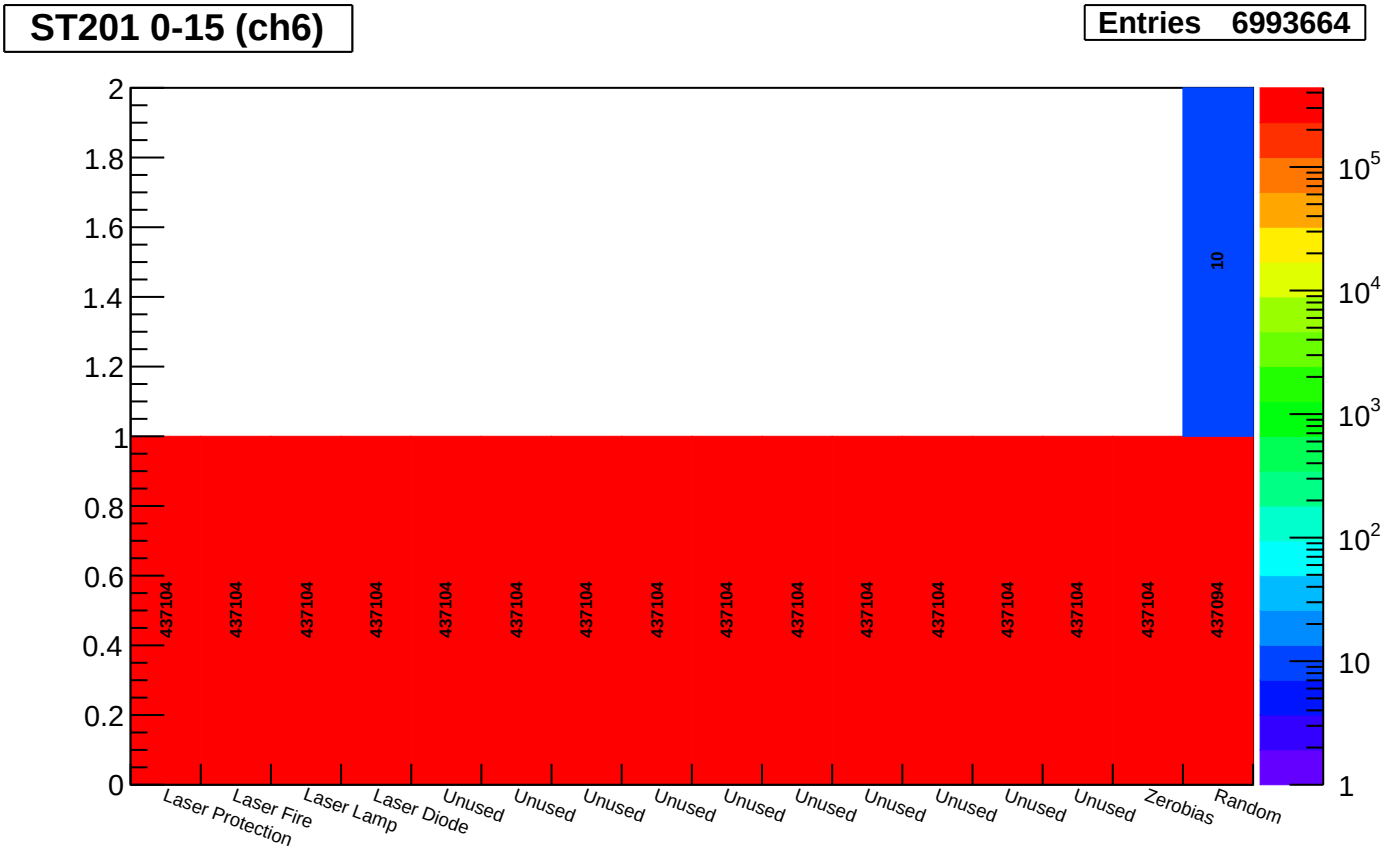

Entries 437104
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

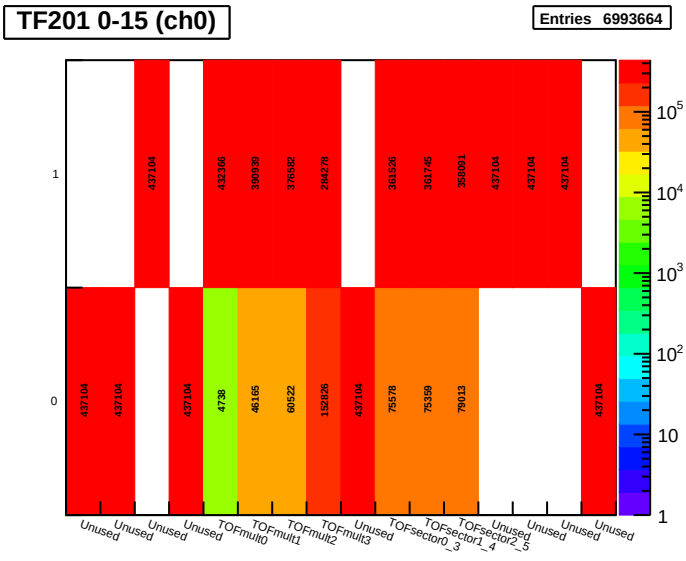

Entries 437104
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

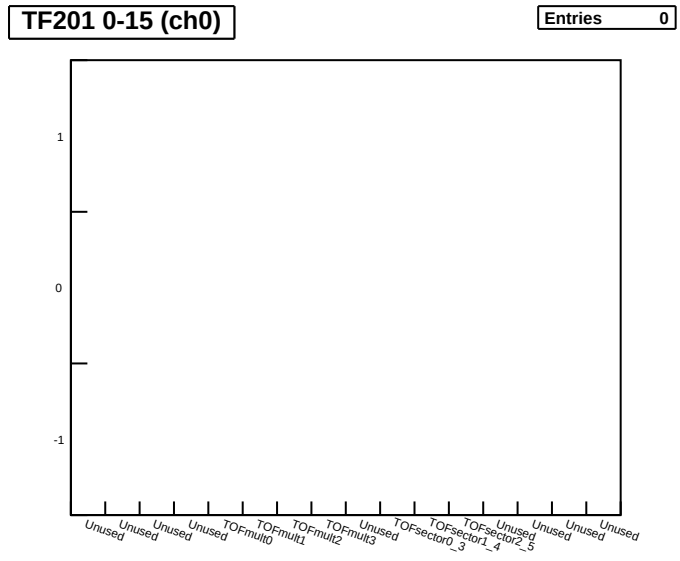

Entries 437104
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

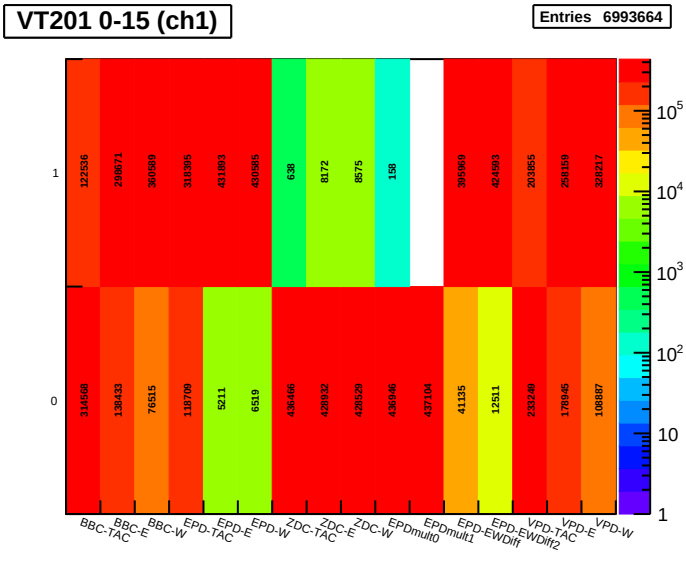

Entries 437104
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

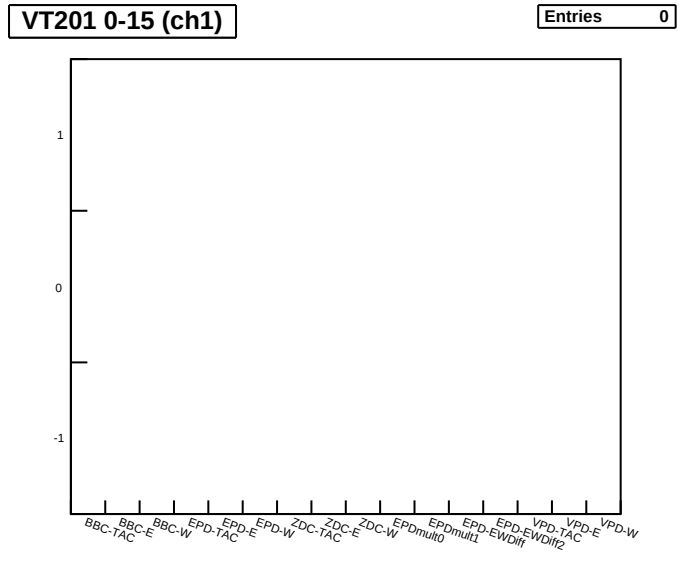

Laser Input Bits
Entries 437104
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

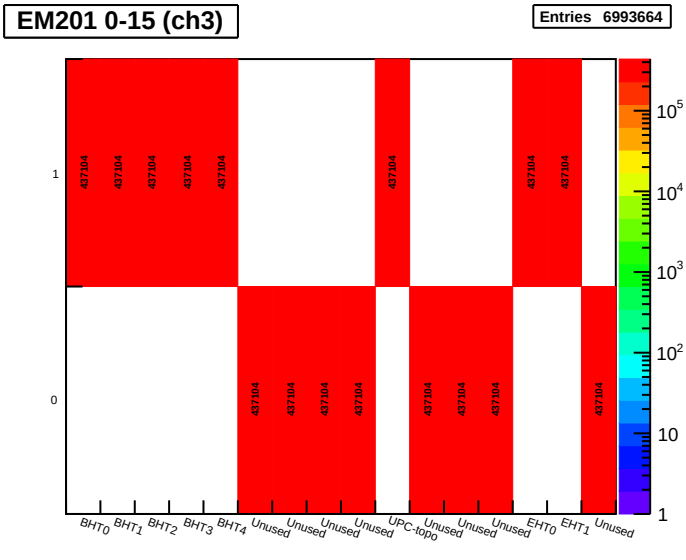

ST201 0-15 (ch6)
Entries 6993664
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
437104
437094
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

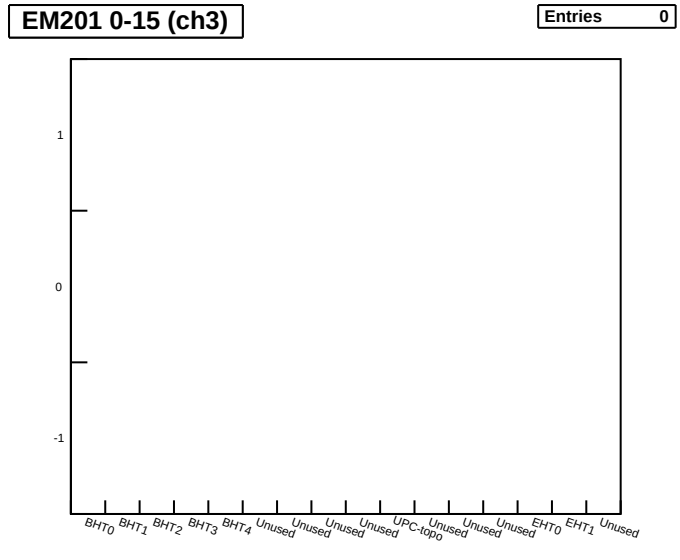

TF201 0-15 (ch0)
Entries 6993664
437104 432366 390939 376582 294278 361526 361745 358691 437104 437104 437104
437104 437104 437104 4738 46165 60522 152826 437104 75578 75359 79013 437104
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 6993664
122536 298671 360589 318395 431893 430585 638 8172 8575 158 395969 424593 203855 258159 328217
314568 138433 76515 118709 5211 6519 436466 428932 428529 436946 437104 41135 12511 233249 178945 108887
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 6993664
437104 437104 437104 437104 437104 437104 437104 437104
437104 437104 437104 437104 437104 437104 437104 437104
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