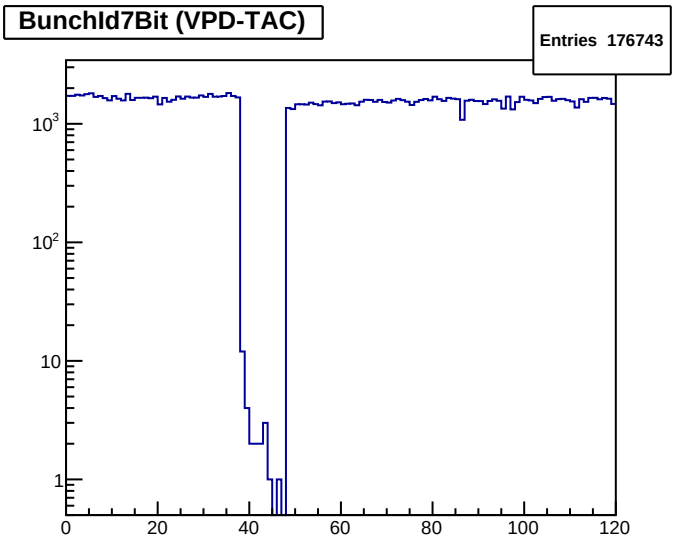
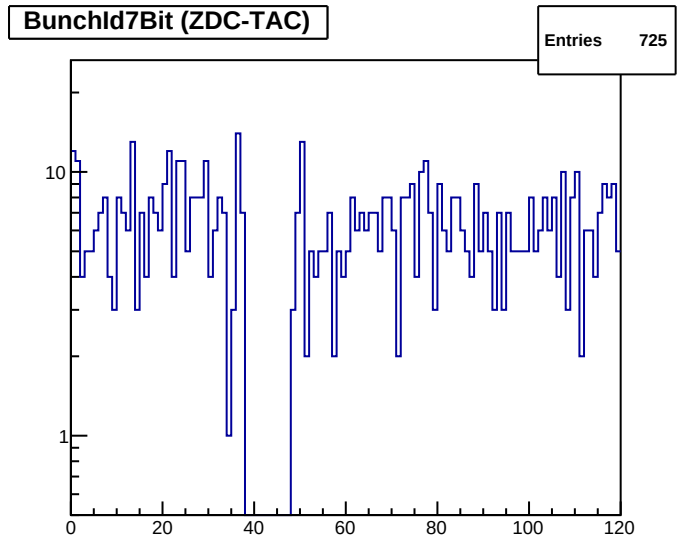
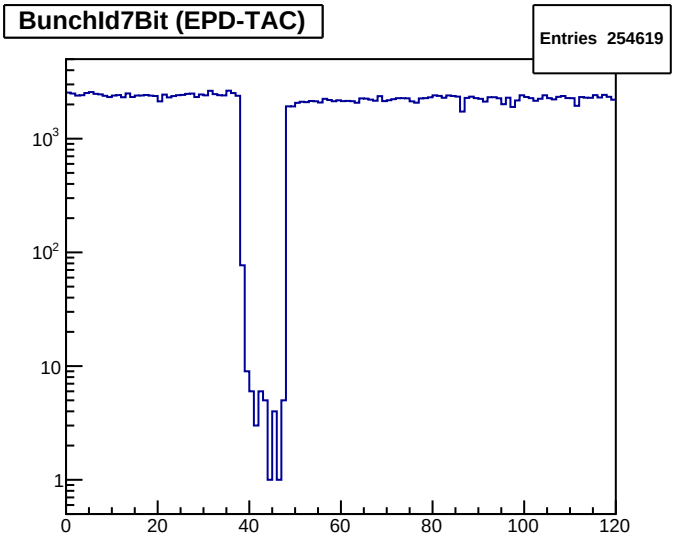
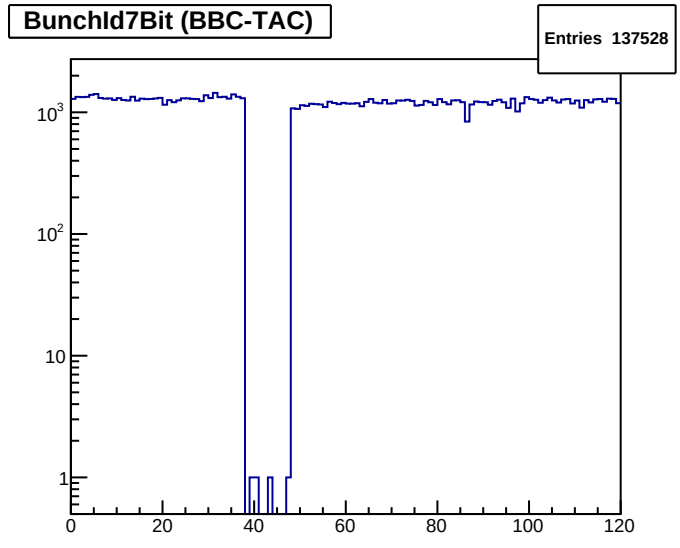
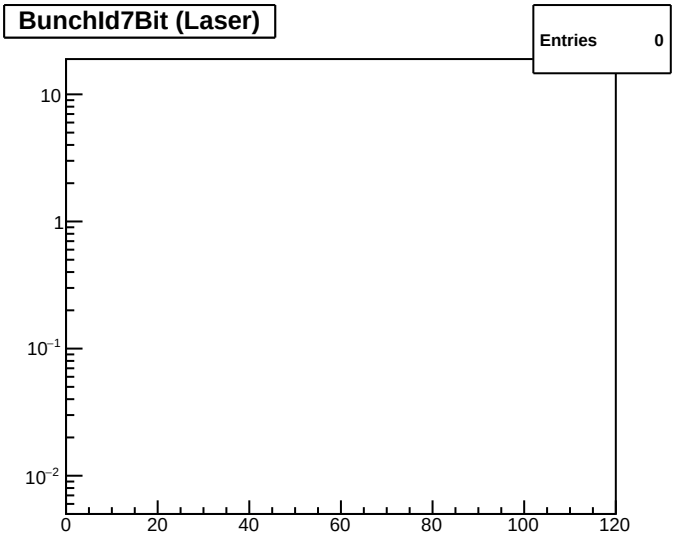
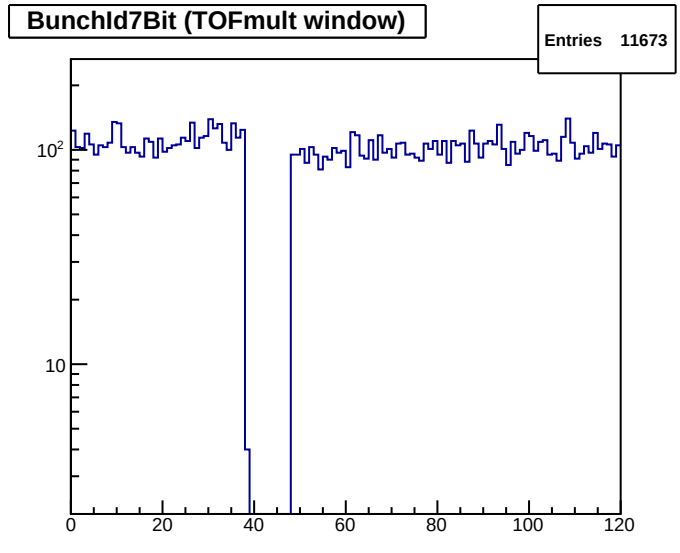

BunchId7Bit (VPD-TAC)
Entries 176743

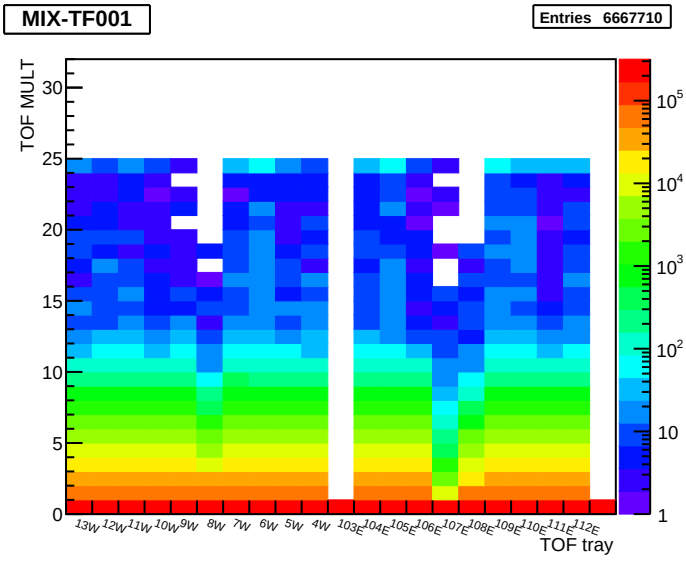

BunchId7Bit (ZDC-TAC)
Entries 725

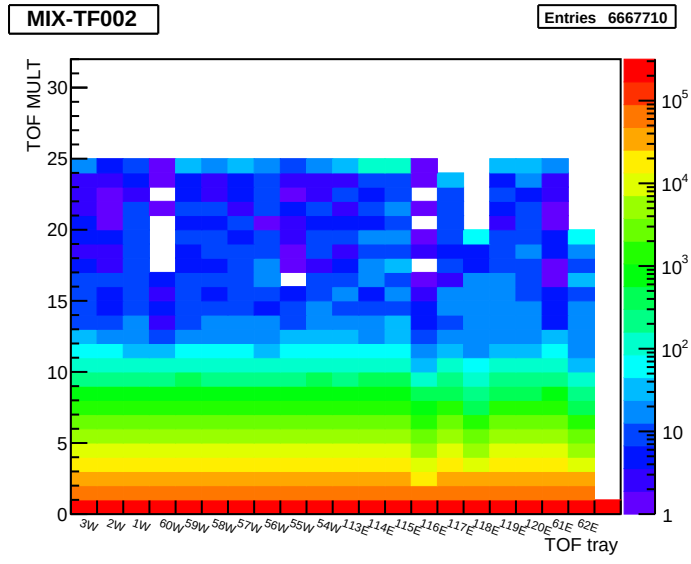

BunchId7Bit (EPD-TAC)
Entries 254619

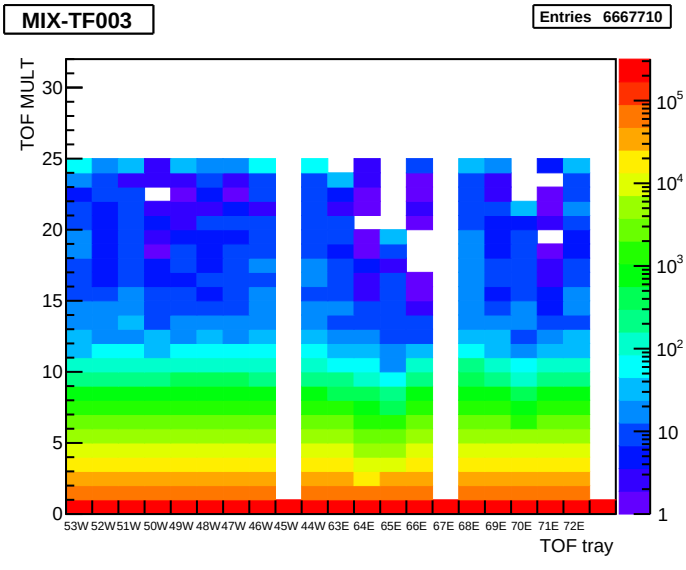

BunchId7Bit (BBC-TAC)
Entries 137528

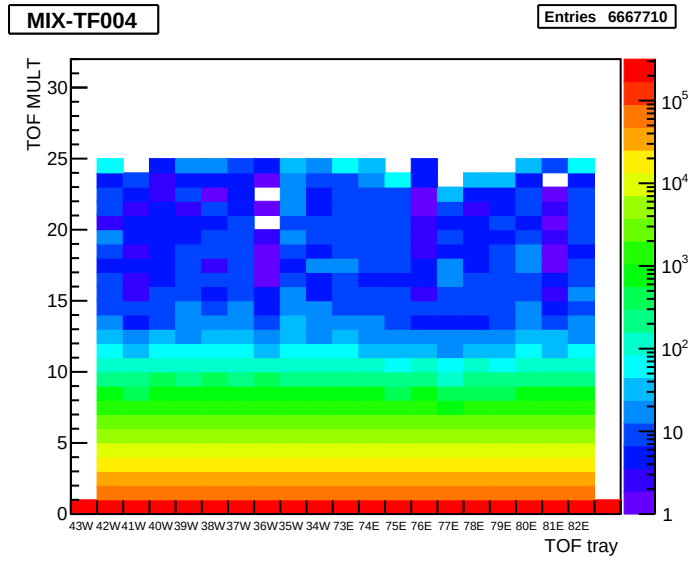

BunchId7Bit (Laser)
Entries 0

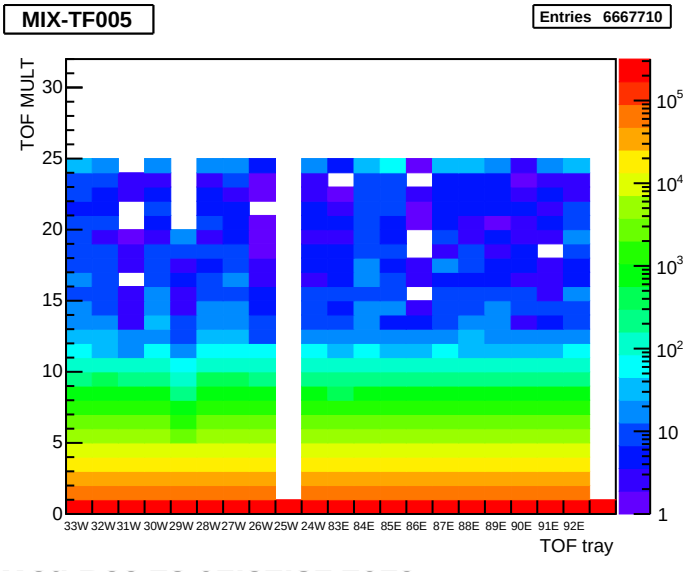

BunchId7Bit (TOFmult window)
Entries 11673

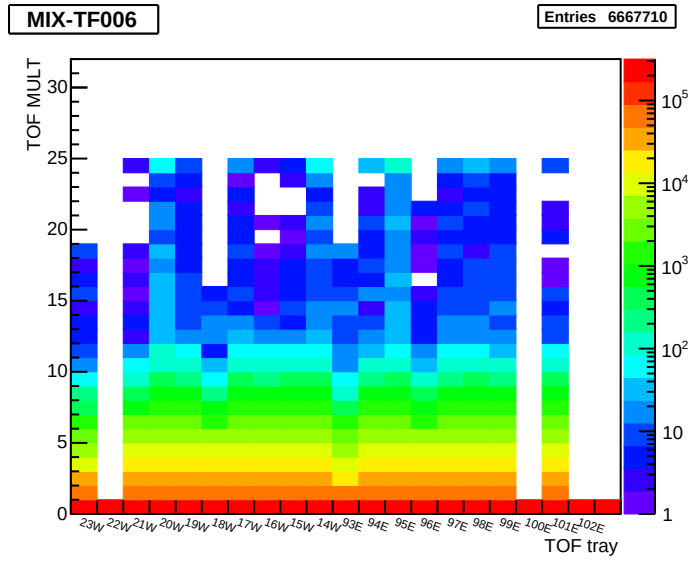

MIX-TF001
Entries 6667710
TOF MULT
TOF tray

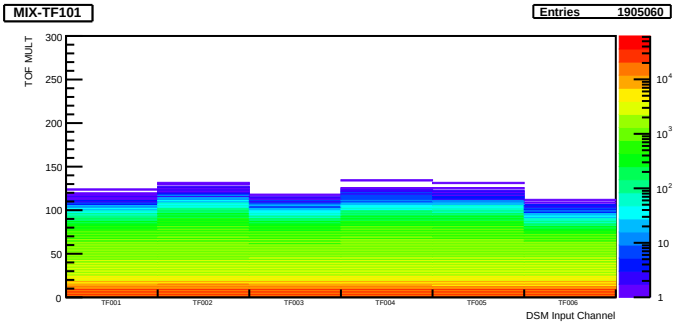

MIX-TF002
Entries 6667710
TOF MULT
TOF tray

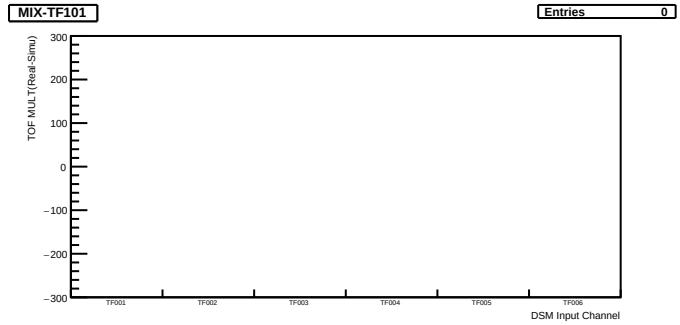

MIX-TF003
Entries 6667710
TOF MULT
TOF tray

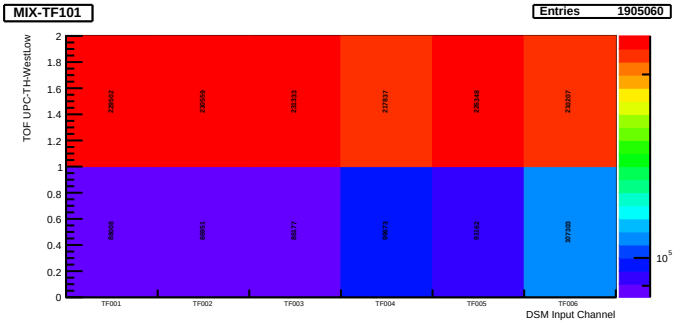

MIX-TF004
Entries 6667710
TOF MULT
TOF tray

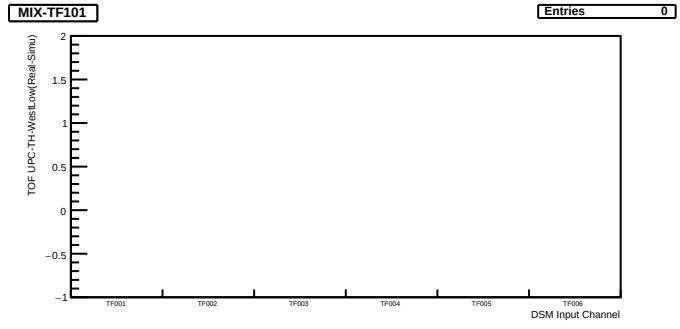

MIX-TF005
Entries 6667710
TOF MULT
TOF tray

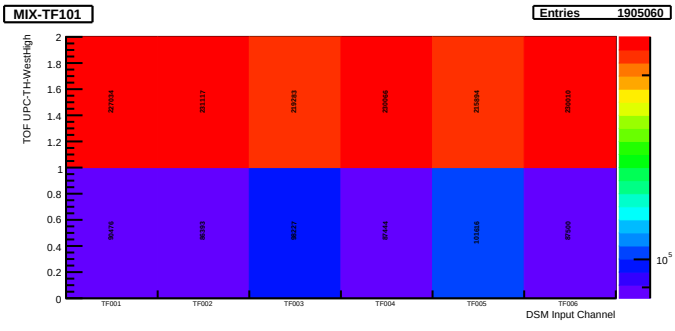

MIX-TF006
Entries 6667710
TOF MULT
TOF tray

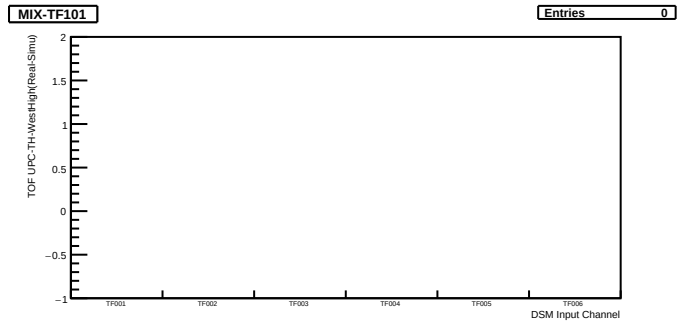

MIX-TF101
Entries 1905060
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

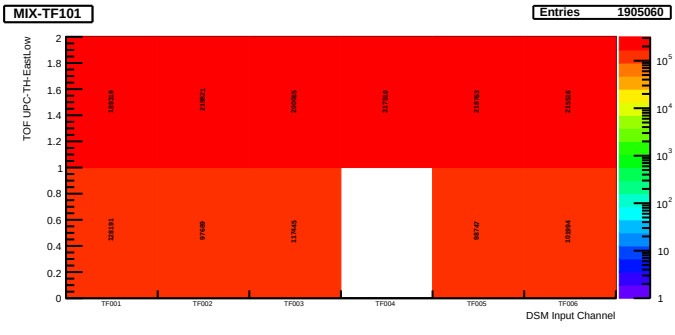

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

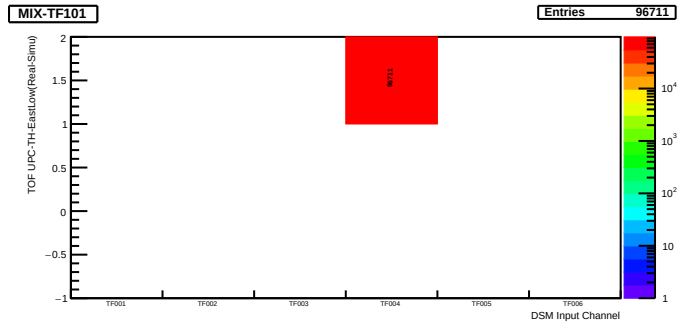

MIX-TF101
Entries 1905060
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

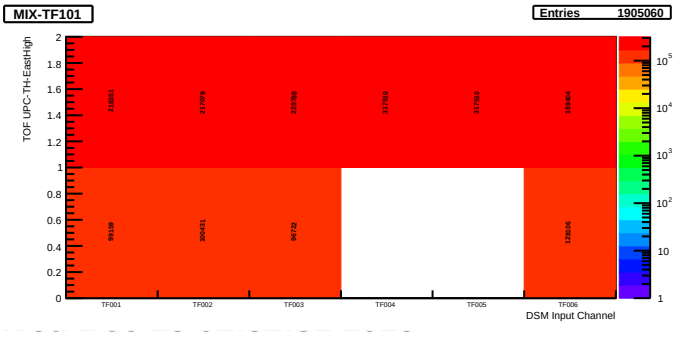

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

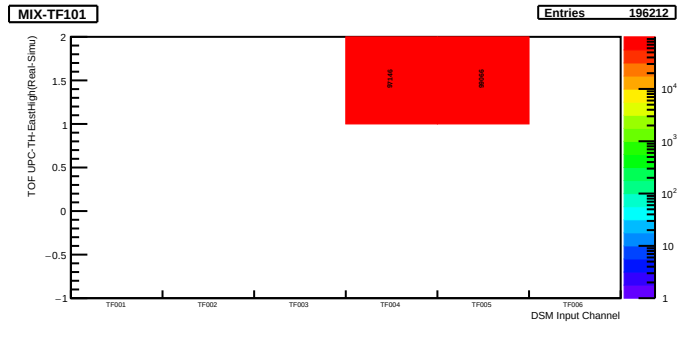

MIX-TF101
Entries 1905060
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

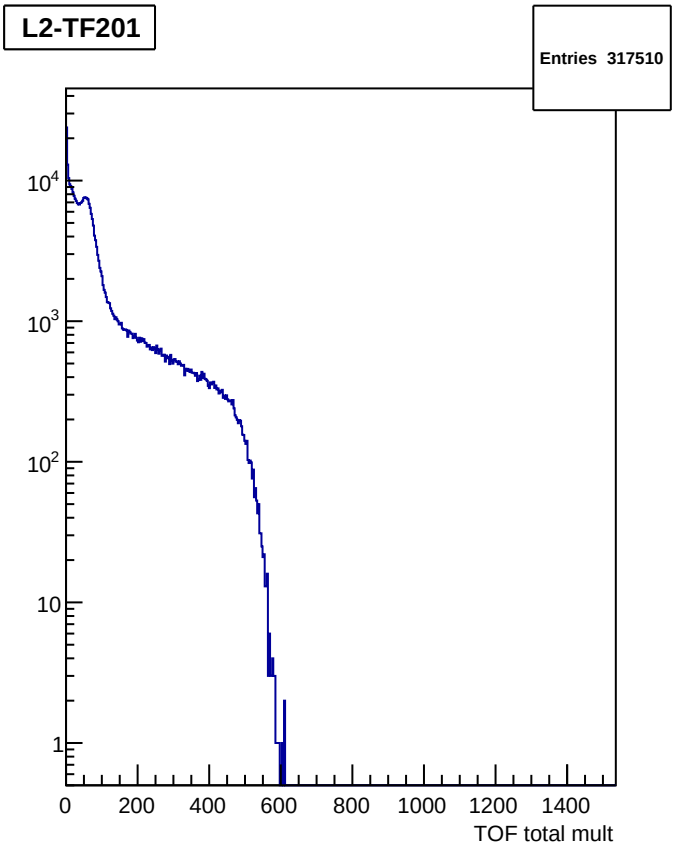

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

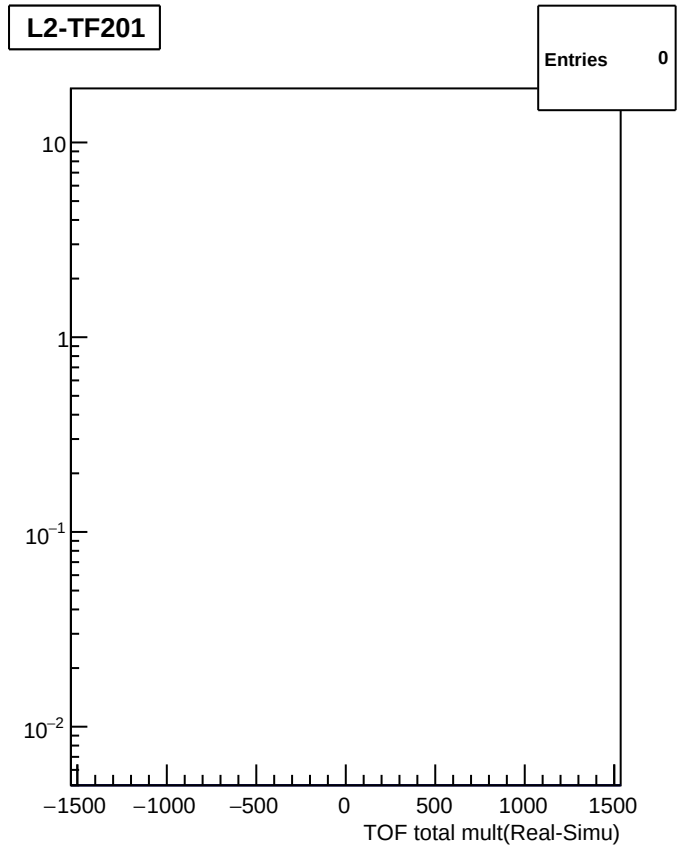

MIX-TF101
Entries 1905060
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

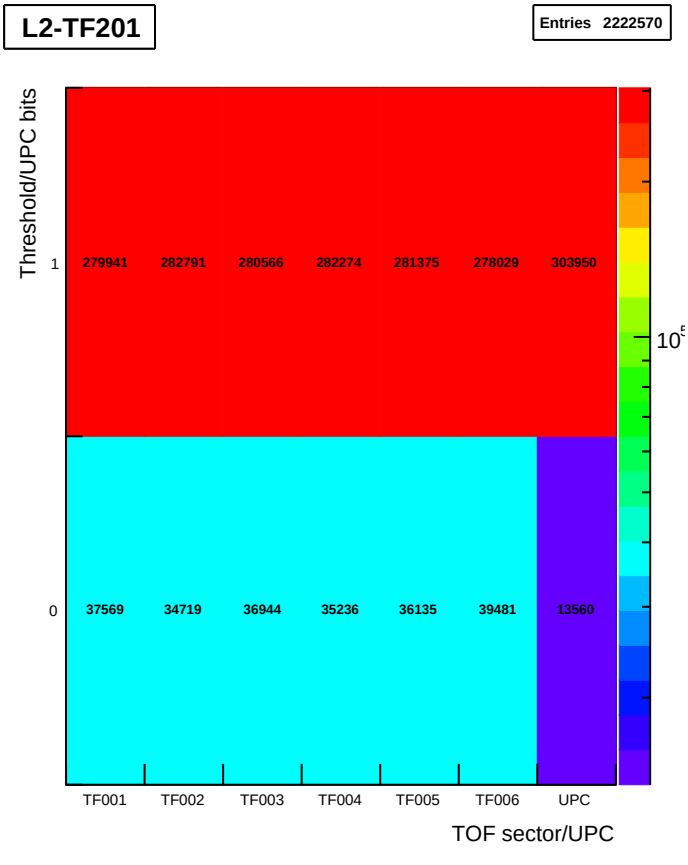

MIX-TF101
Entries 96711
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

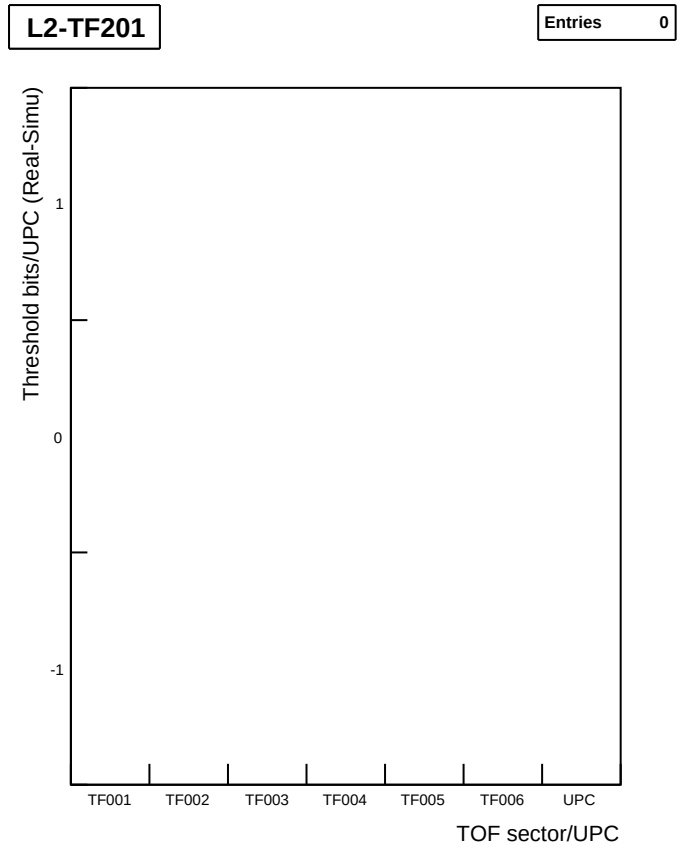

MIX-TF101
Entries 1905060
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

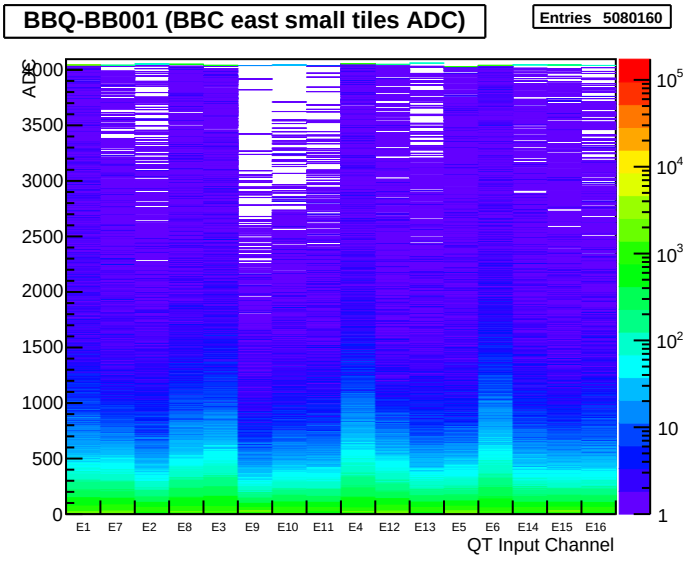

MIX-TF101
Entries 196212
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

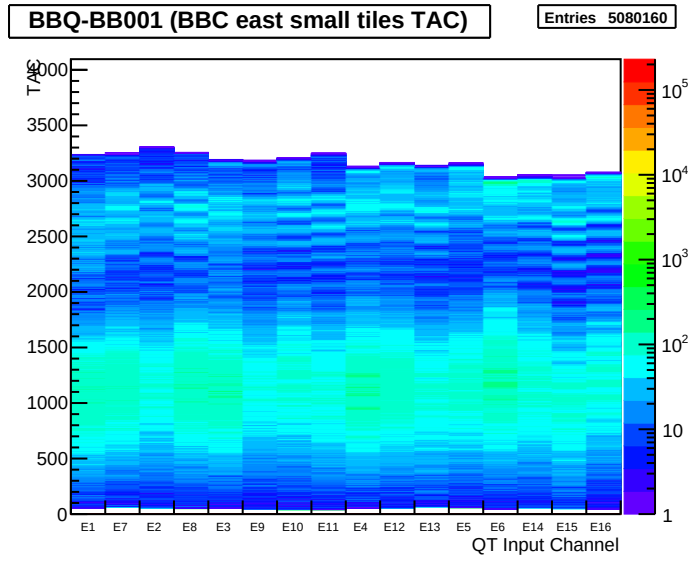

L2-TF201
Entries 317510
TOF total mult

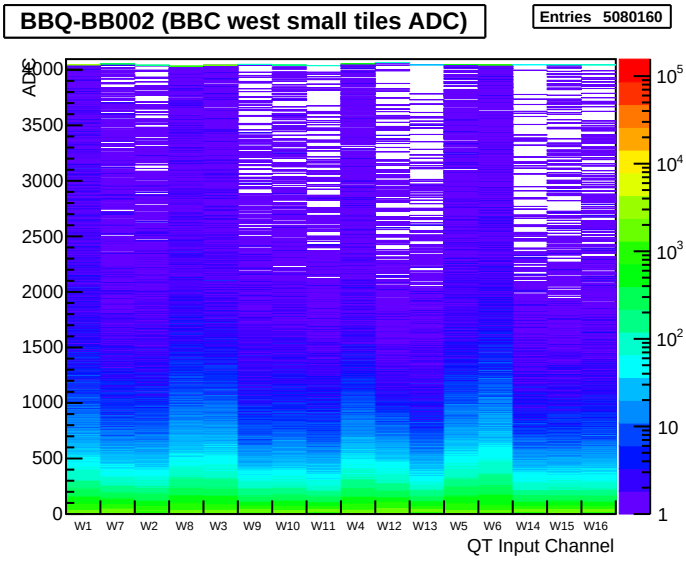

L2-TF201
Entries 0
TOF total mult(Real-Simu)

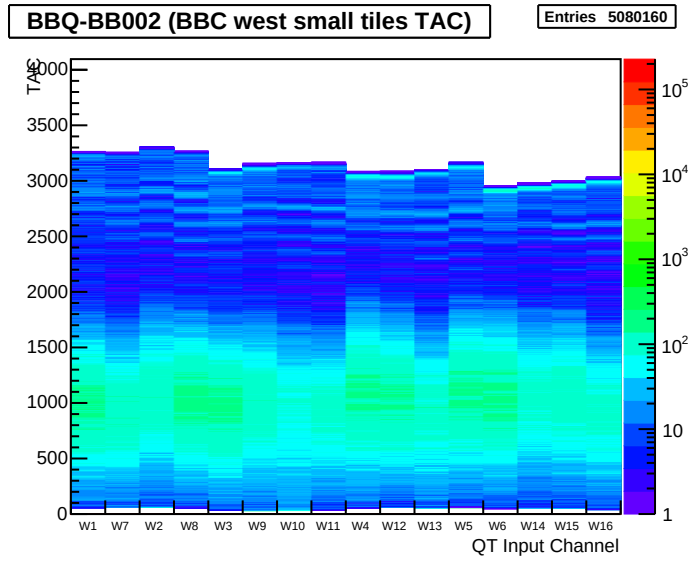

L2-TF201
Entries 2222570
Threshold/UPC bits
279941 282791 280566 282274 281375 278029 303950
37569 34719 36944 35236 36135 39481 13560
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

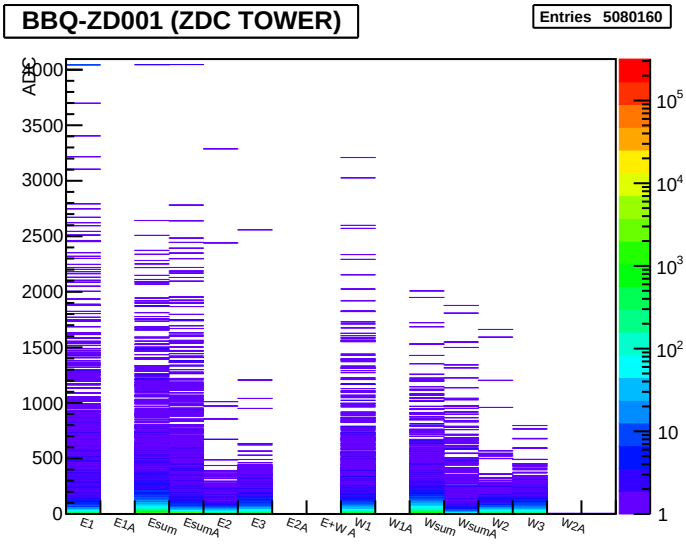

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

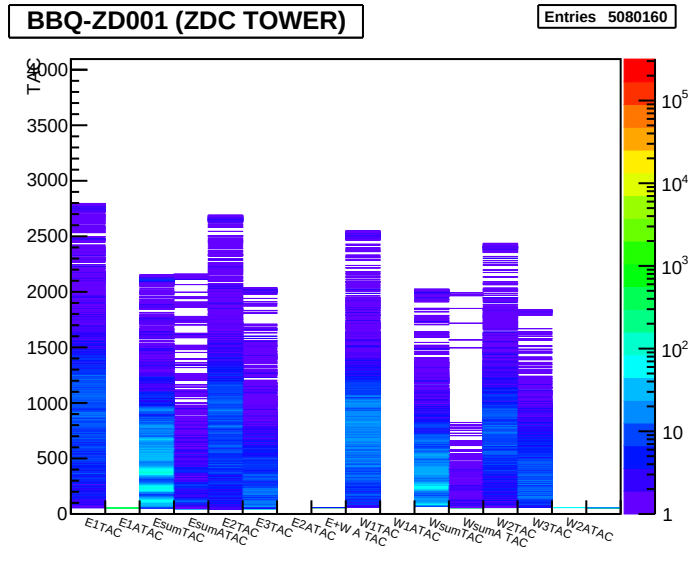

BBQ-BB001 (BBC east small tiles ADC)
Entries 5080160
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

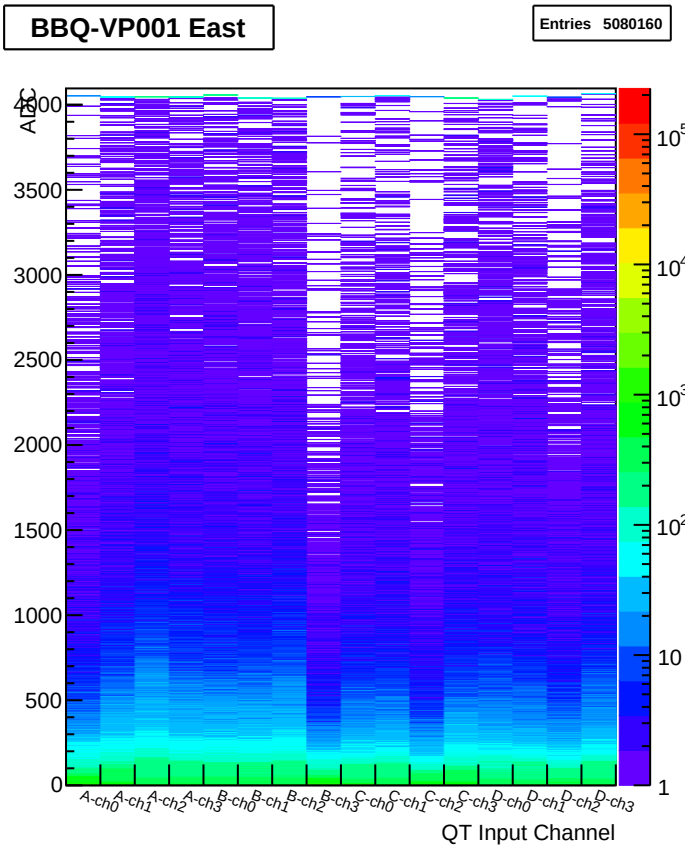

BBQ-BB001 (BBC east small tiles TAC)
Entries 5080160
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

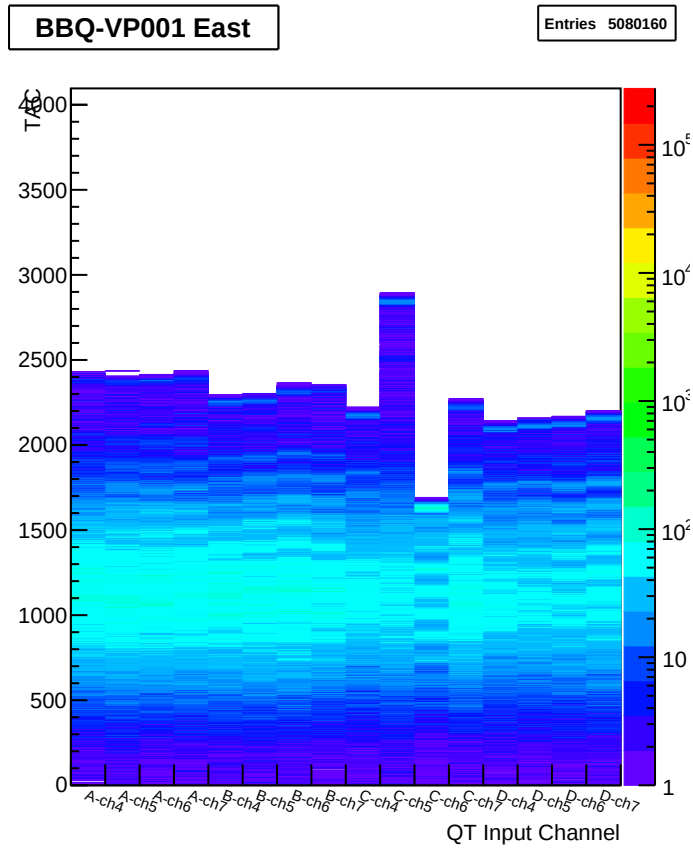

BBQ-BB002 (BBC west small tiles ADC)
Entries 5080160
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

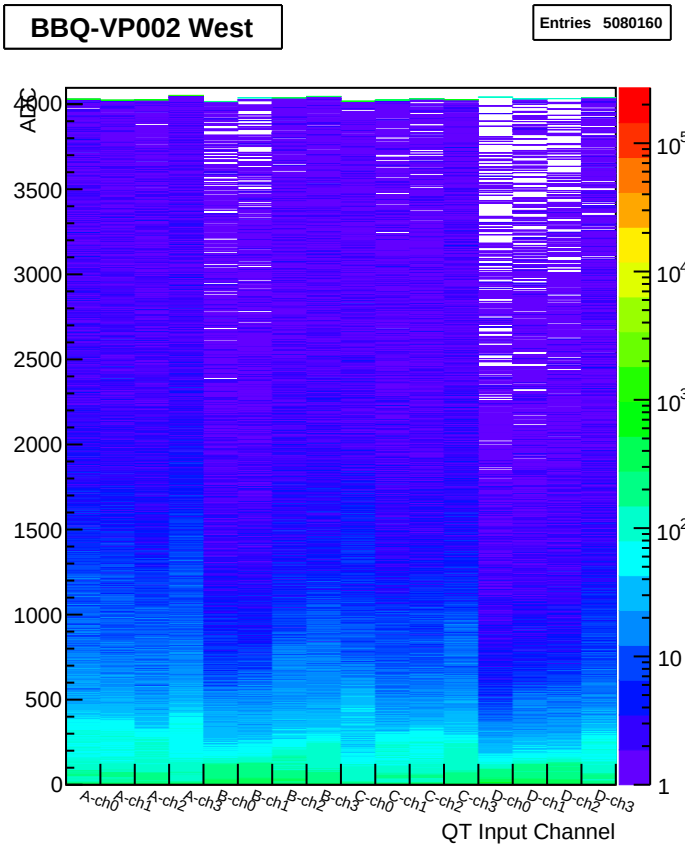

BBQ-BB002 (BBC west small tiles TAC)
Entries 5080160
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

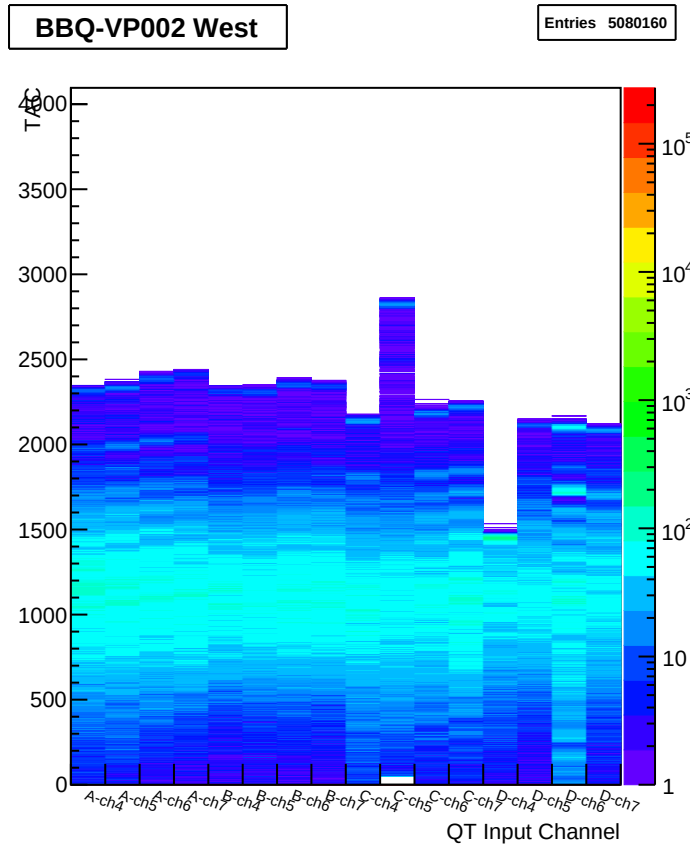

BBQ-ZD001 (ZDC TOWER)
Entries 5080160
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

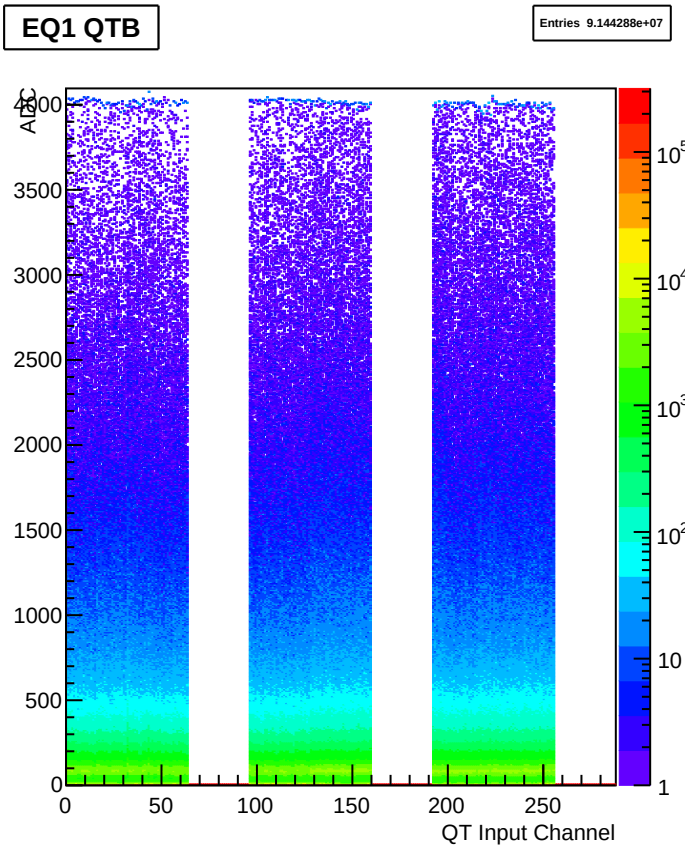

BBQ-ZD001 (ZDC TOWER)
Entries 5080160
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

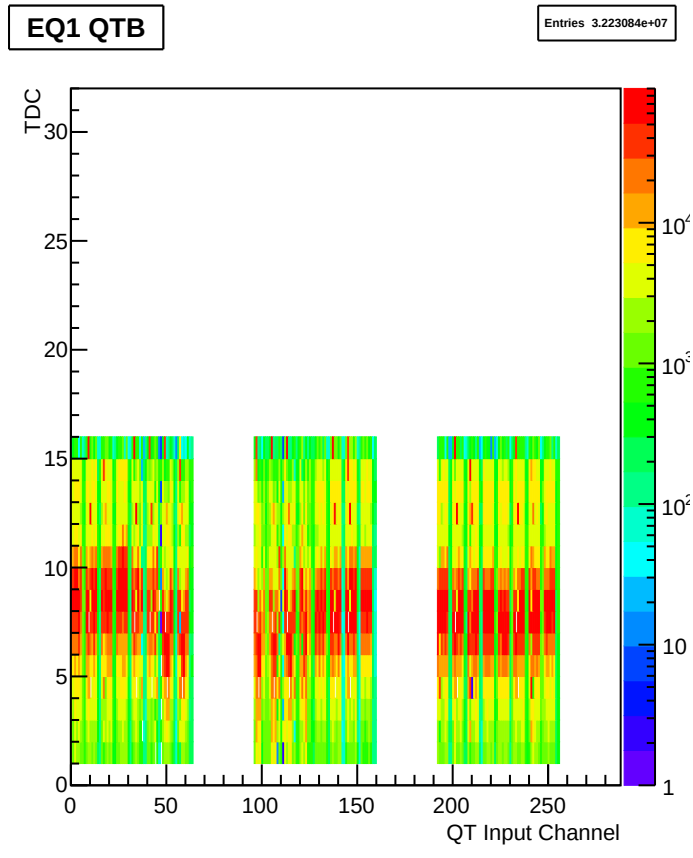

BBQ-VP001 East
Entries 5080160
ADC
QT Input Channel

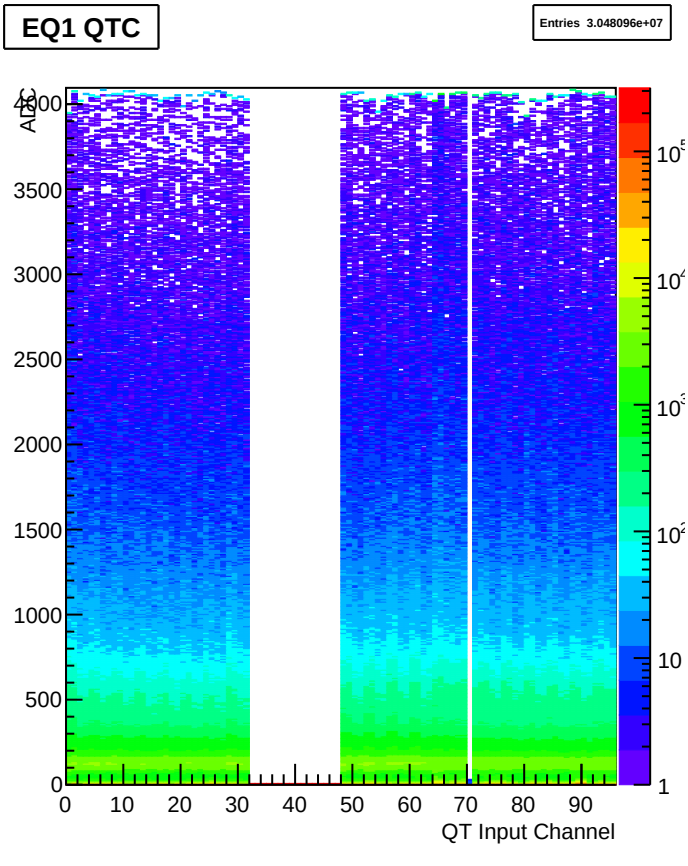

BBQ-VP001 East
Entries 5080160
ADC
QT Input Channel

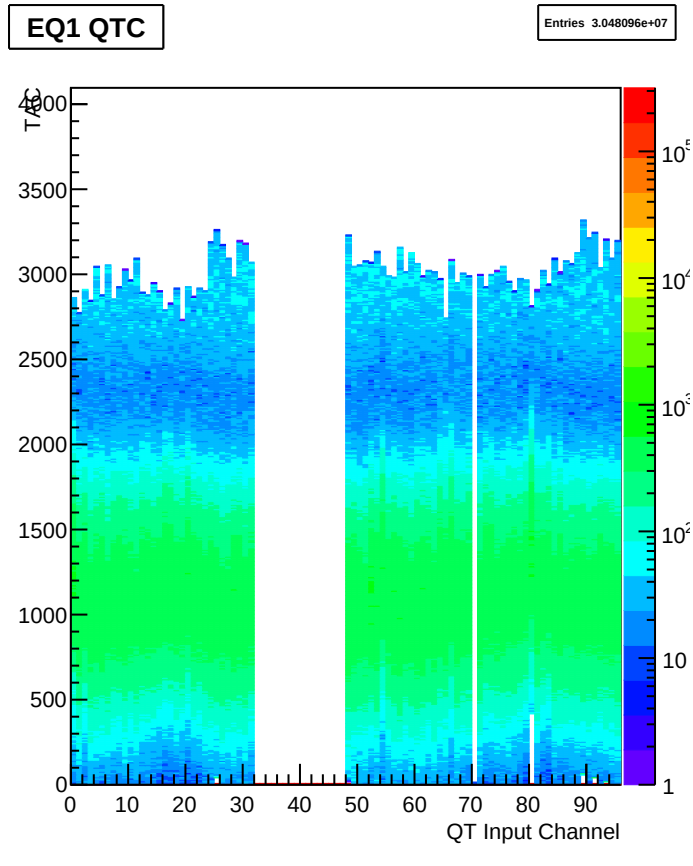

BBQ-VP002 West
Entries 5080160
ADC
QT Input Channel

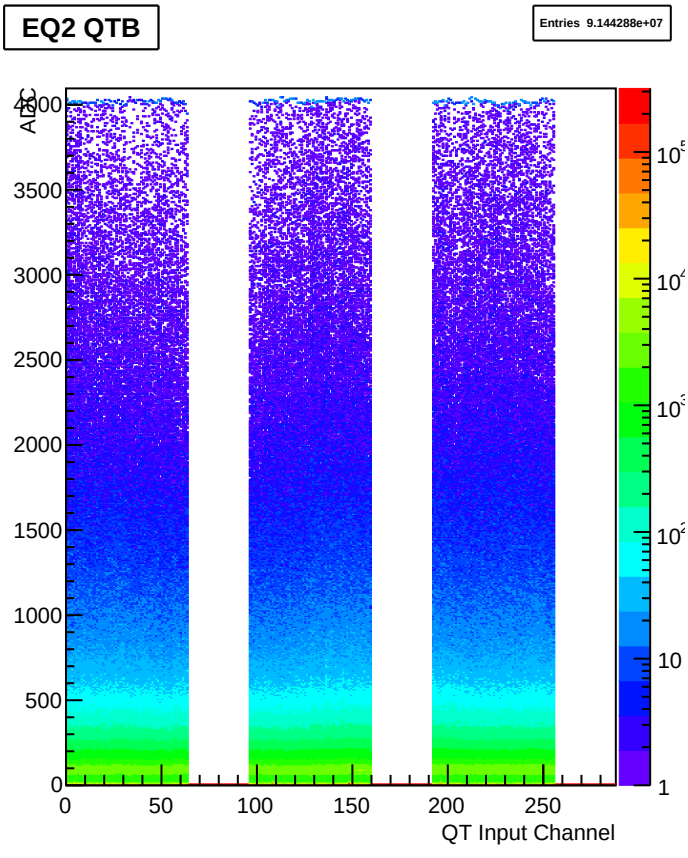

BBQ-VP002 West
Entries 5080160
ADC
QT Input Channel

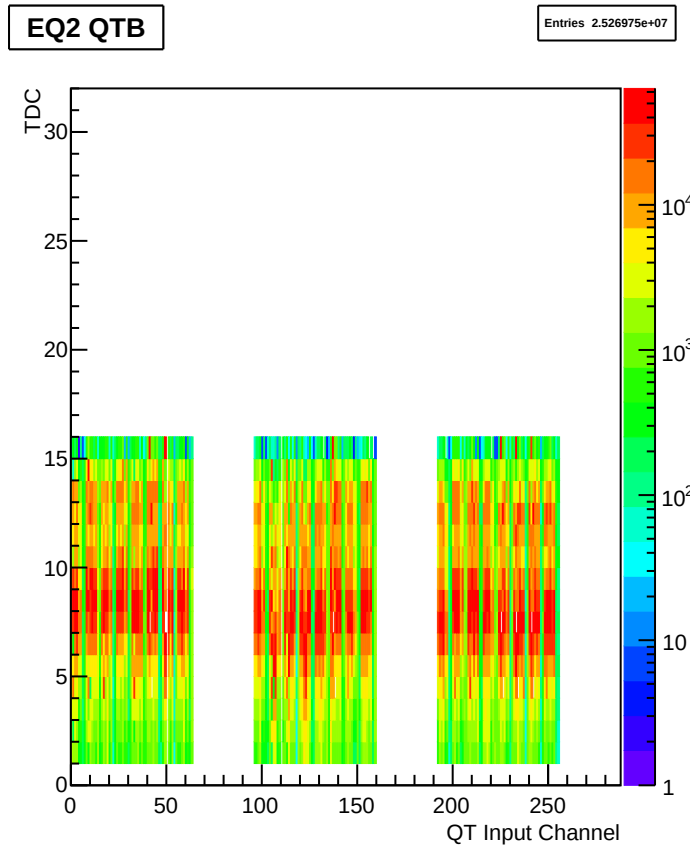

EQ1 QTB
Entries 9.144288e+07
ADC
QT Input Channel

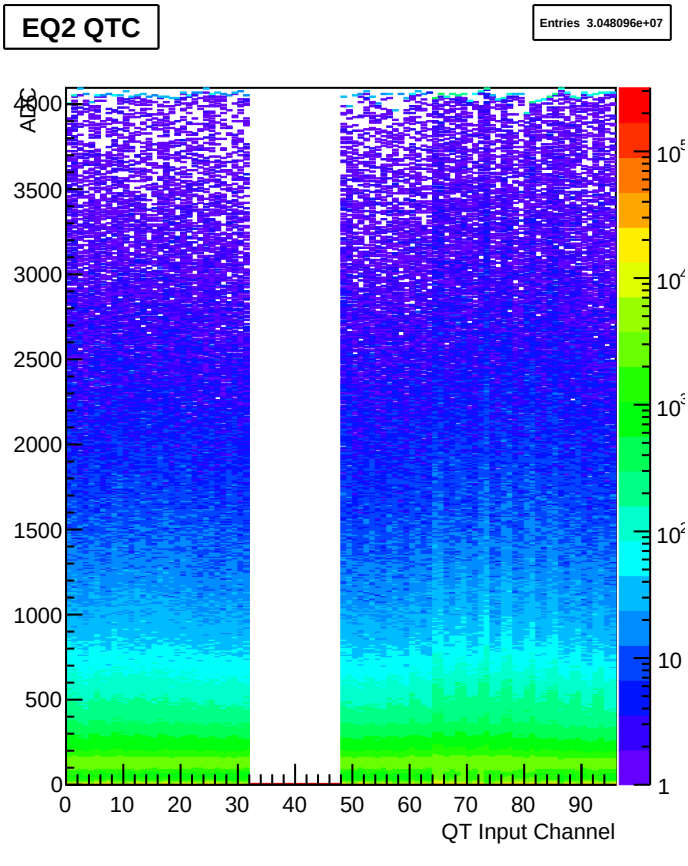

EQ1 QTB
Entries 3.223084e+07
TDC
QT Input Channel

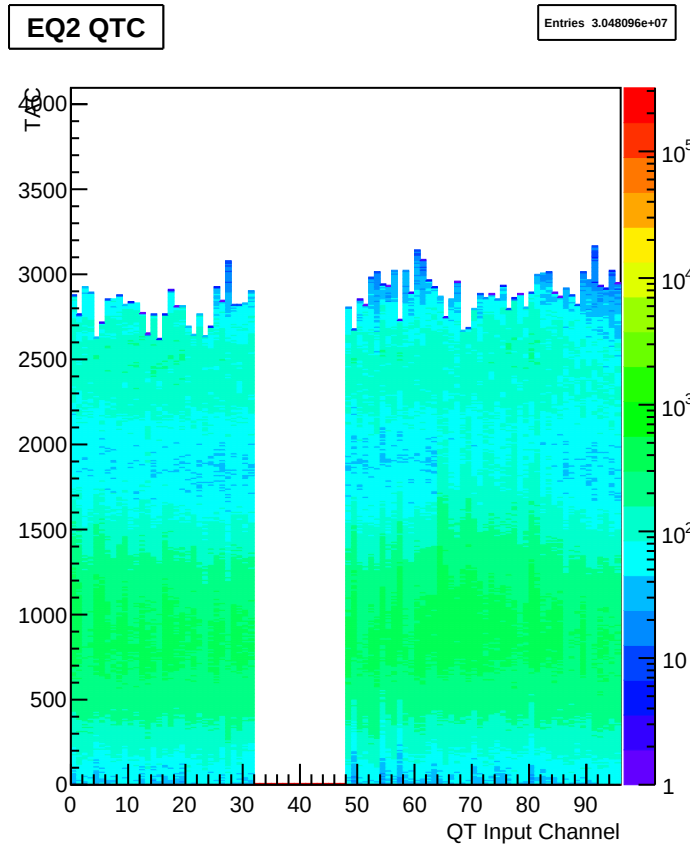

EQ1 QTC
Entries 3.048096e+07
ADC
QT Input Channel

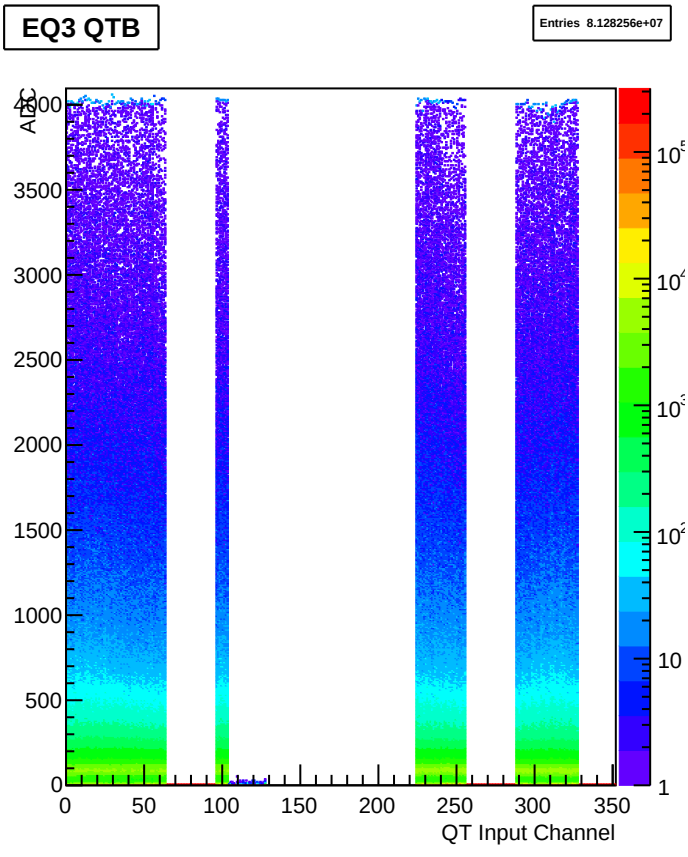

EQ1 QTC
Entries 3.048096e+07
TADC
QT Input Channel

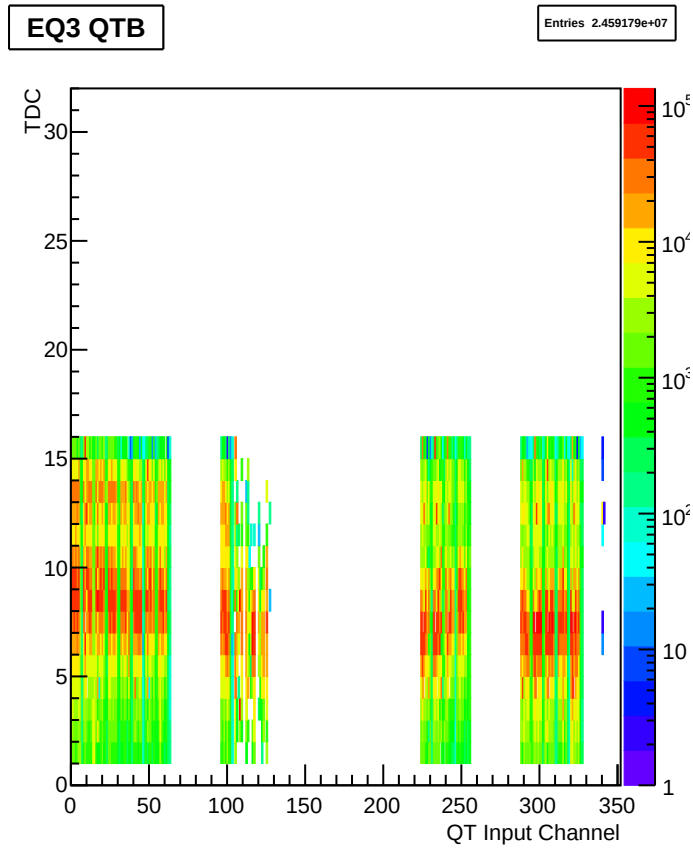

EQ2 QTB
Entries 9.144288e+07
ADC
QT Input Channel

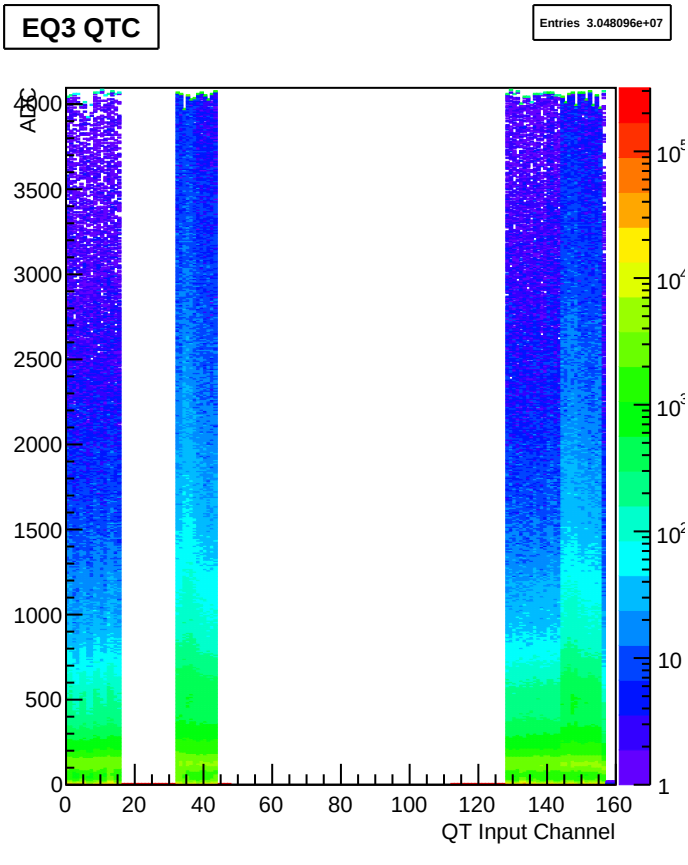

EQ2 QTB
Entries 2.526975e+07
TDC
QT Input Channel

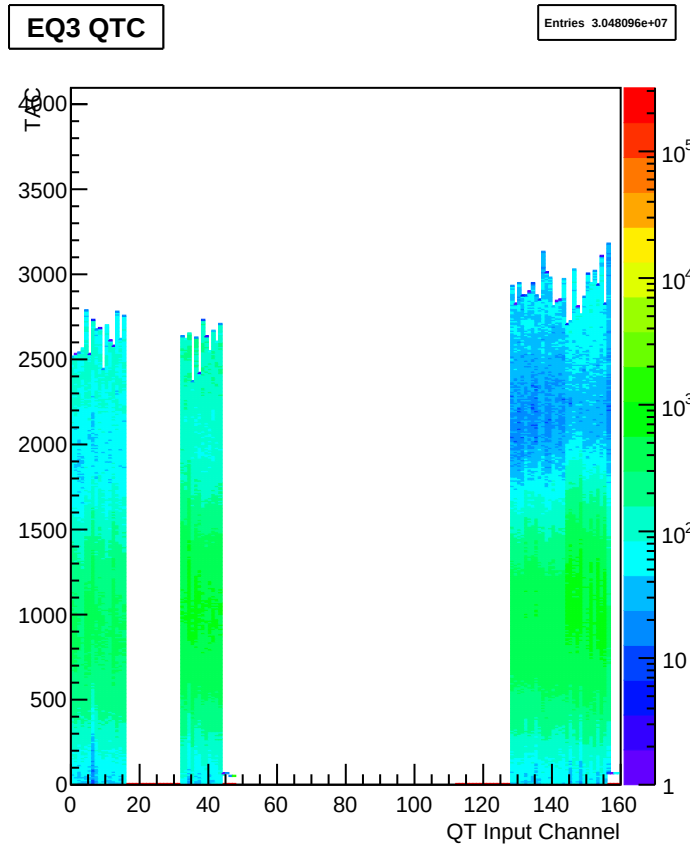

EQ2 QTC
Entries 3.048096e+07
ADC
QT Input Channel

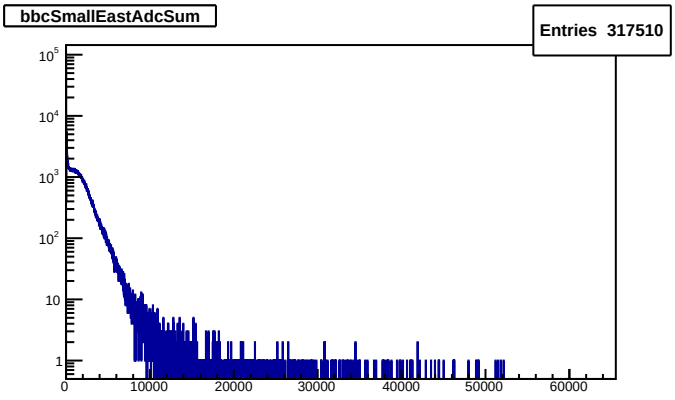

EQ2 QTC
Entries 3.048096e+07
TADC
QT Input Channel

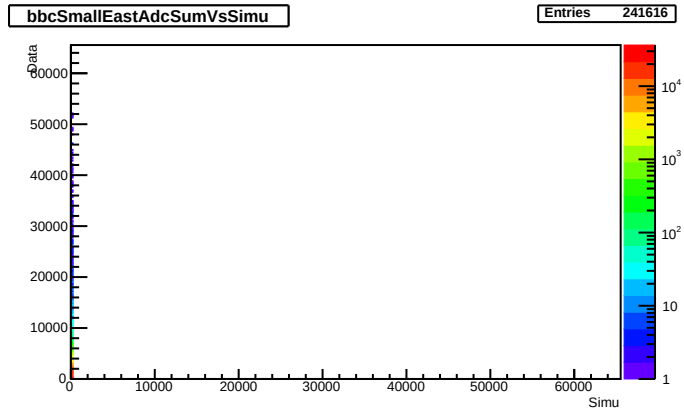

EQ3 QTB
Entries 8.128256e+07
ADC
QT Input Channel

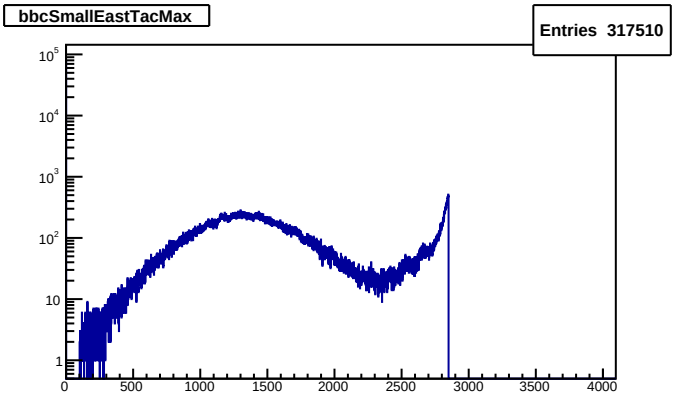

EQ3 QTB
Entries 2.459179e+07
TDC
QT Input Channel

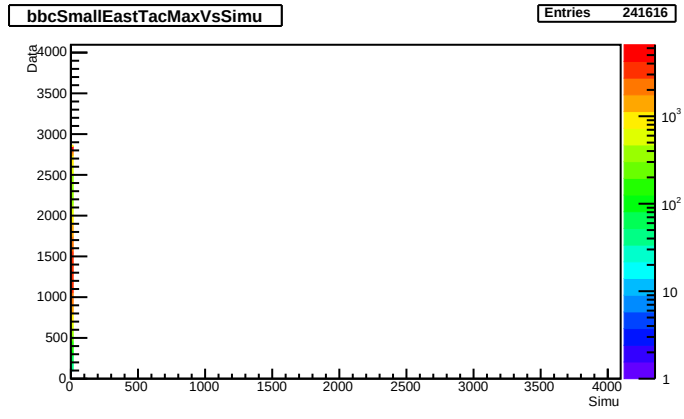

EQ3 QTC
Entries 3.048096e+07
ADC
QT Input Channel

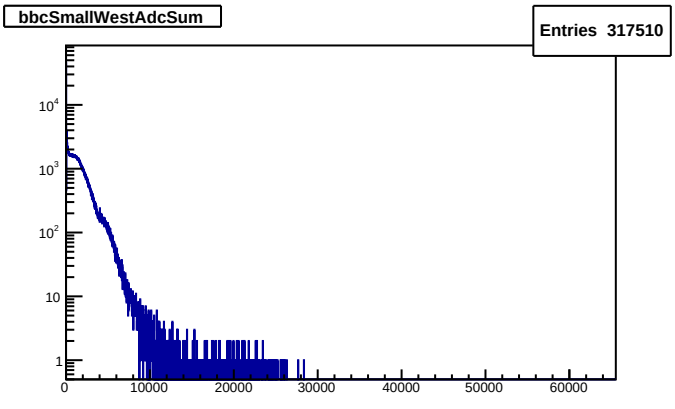

EQ3 QTC
Entries 3.048096e+07
TADC
QT Input Channel

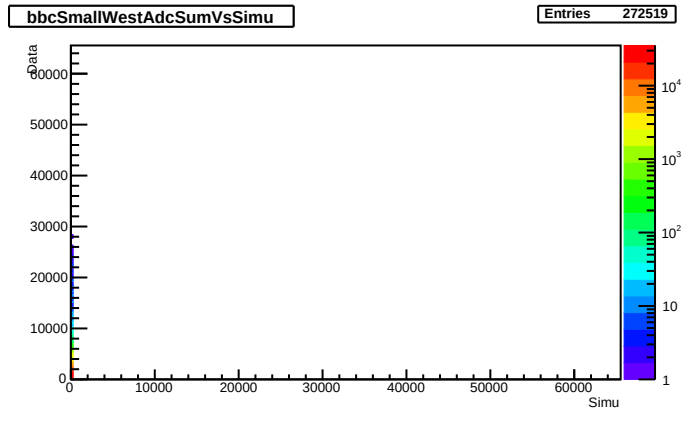

bbcSmallEastAdcSum
Entries 317510

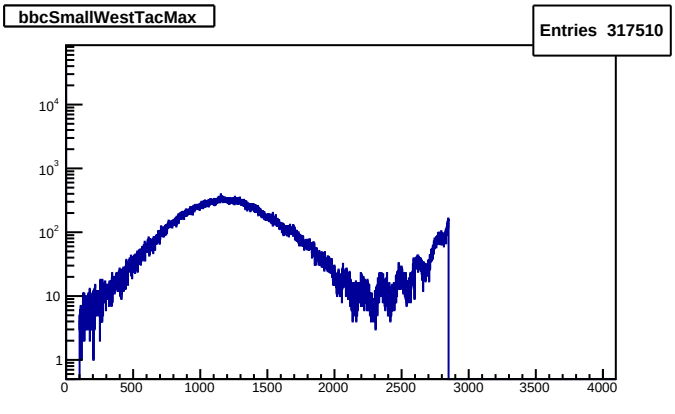

bbcSmallEastAdcSumVsSimu
Entries 241616
Data
Simu


bbcSmallEastTacMax
Entries 317510


bbcSmallEastTacMaxVsSimu
Entries 241616
Data
Simu


bbcSmallWestAdcSum
Entries 317510


bbcSmallWestAdcSumVsSimu
Entries 272519
Data
Simu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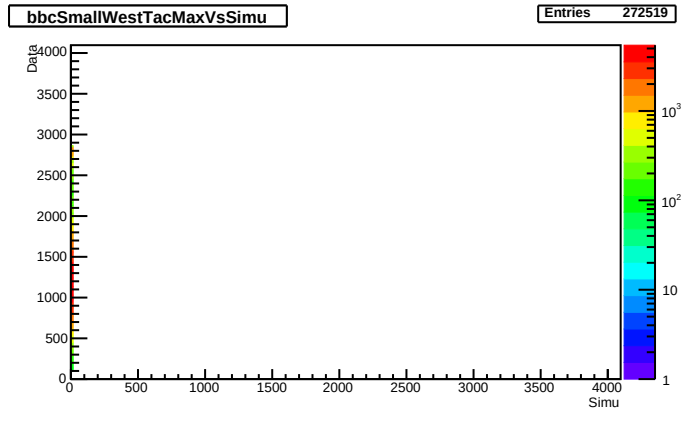
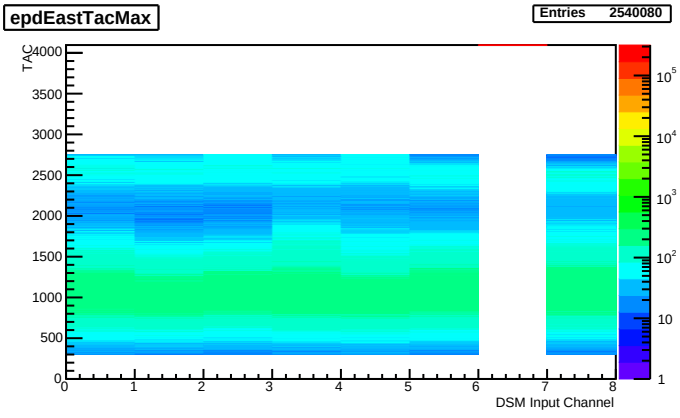
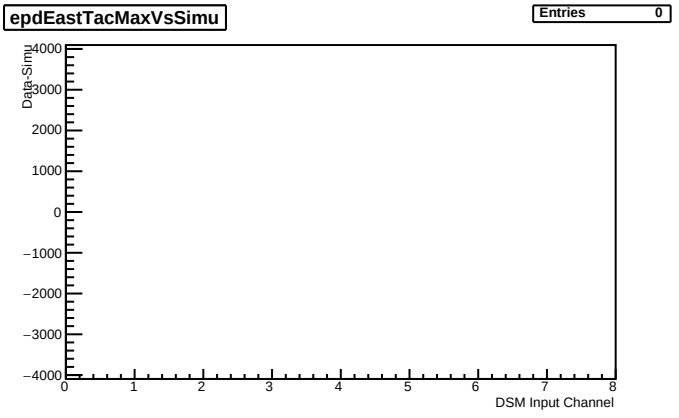
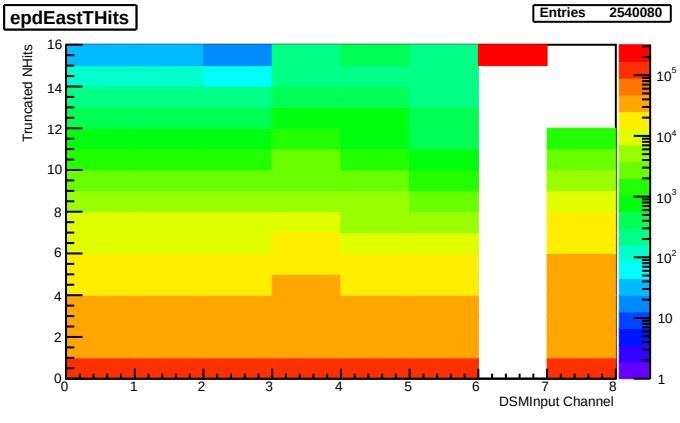
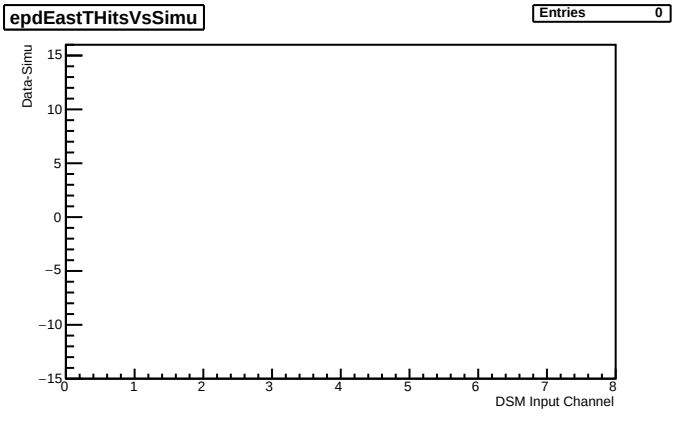
Entries 317510

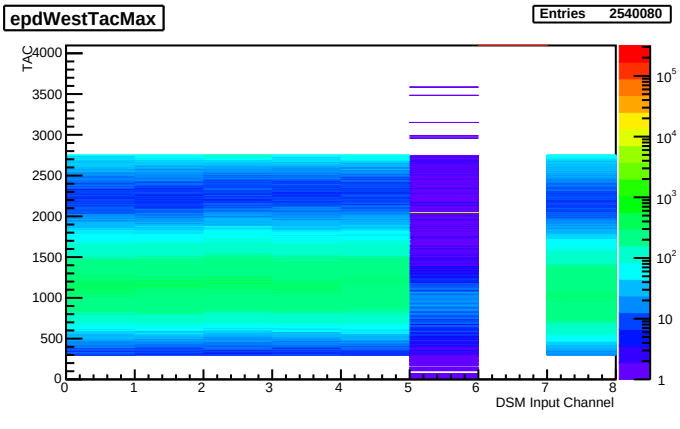

bbcSmallWestTacMaxVsSimu
Entries 272519
Data
Simu

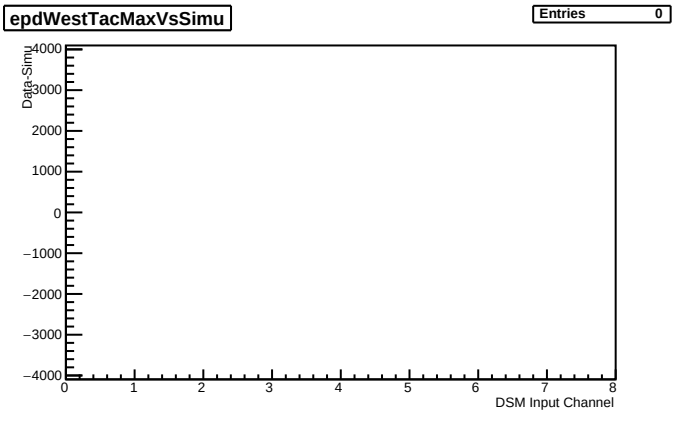

epdEastTacMax
Entries 2540080
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2540080
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2540080
TAC
DSM Input Channel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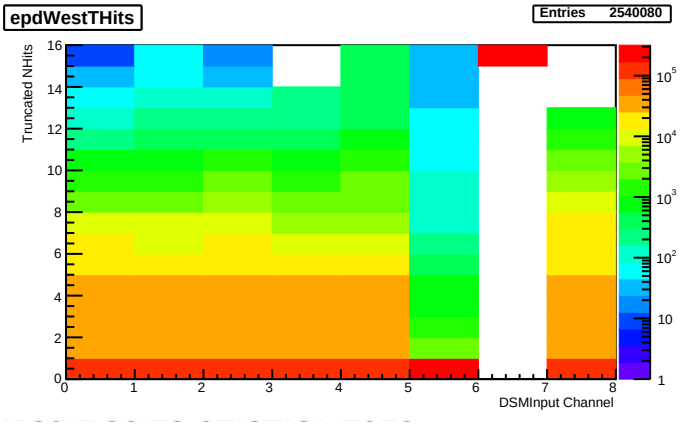
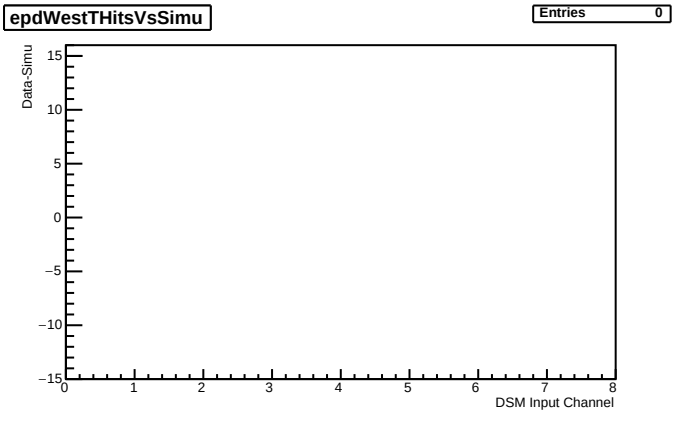
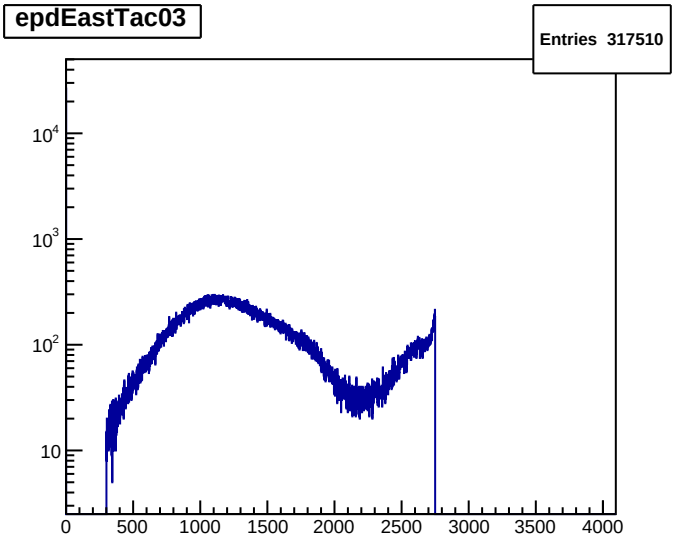
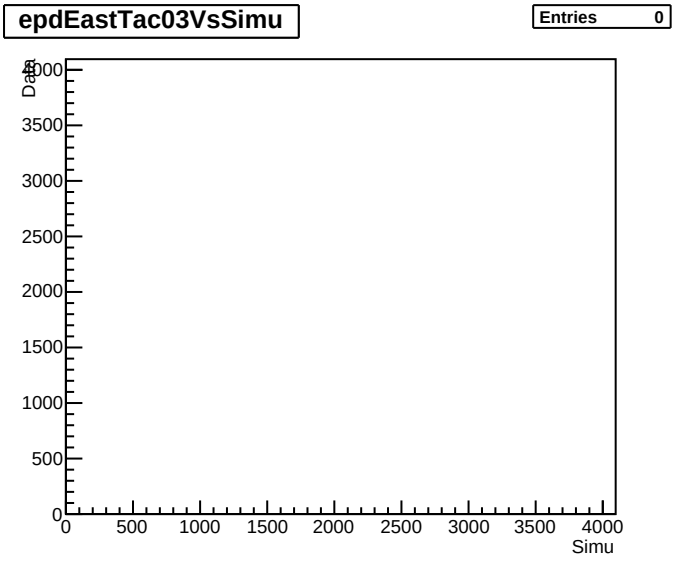
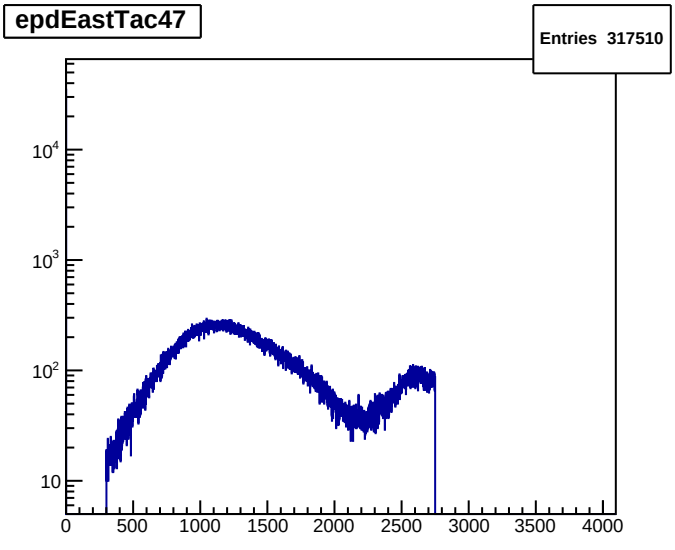
Entries 0
Data-Simu
DSM Input Channel

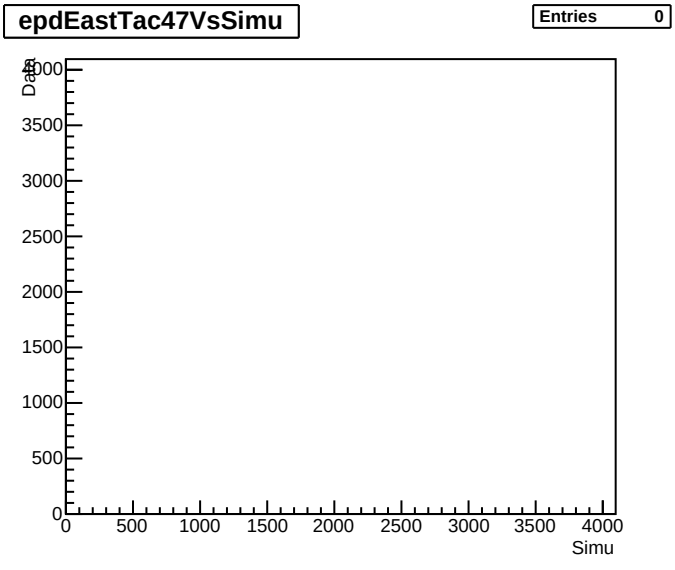

epdWestTHits
Entries 2540080
Truncated NHits
DSMInput Channel

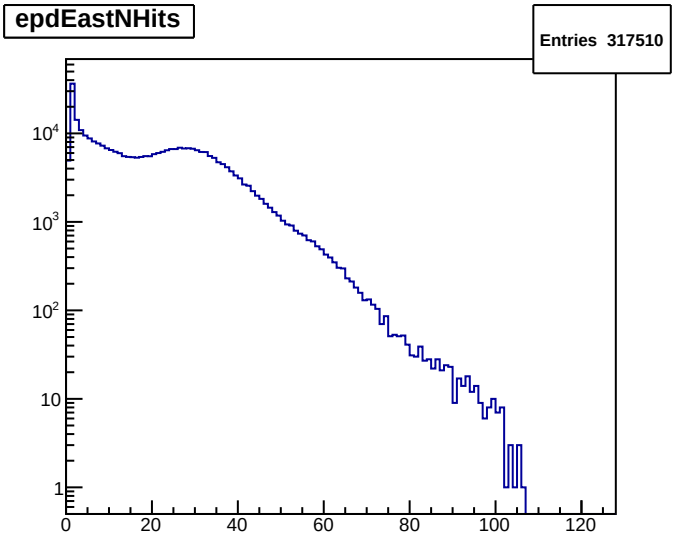

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

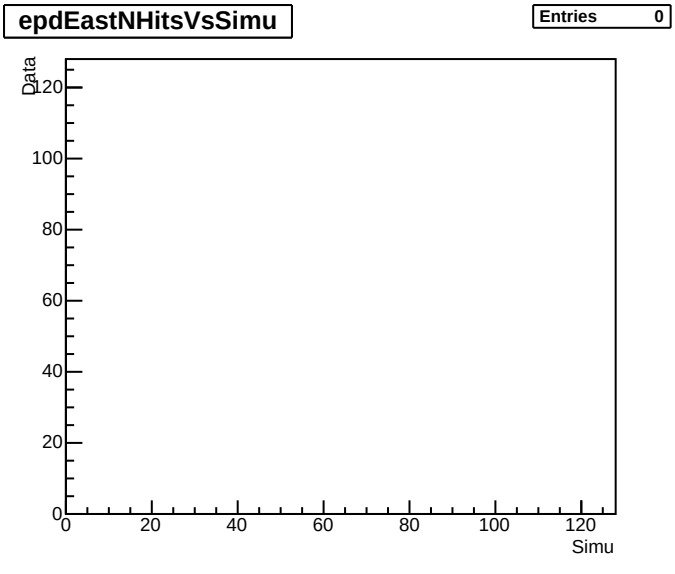

epdEastTac03
Entries 317510


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 317510


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 317510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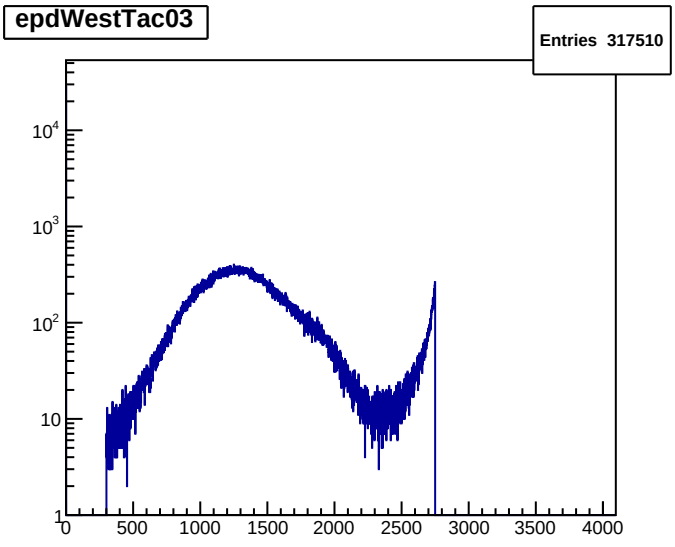
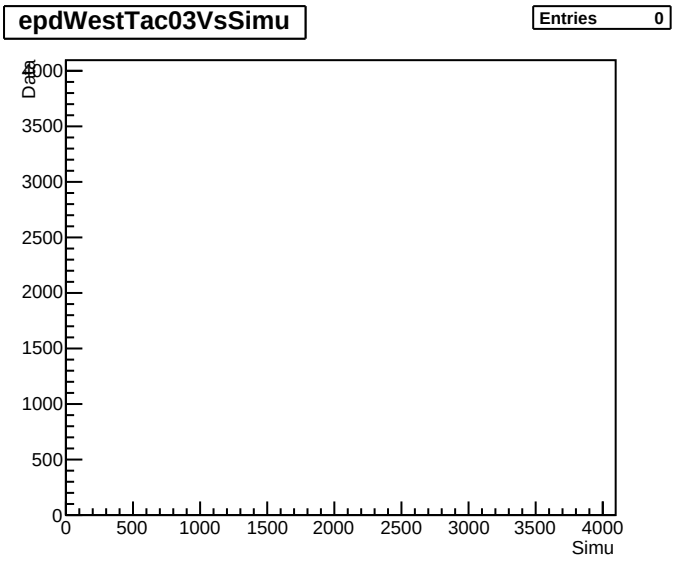
Entries 0
Data
Simu


epdWestTac03
Entries 317510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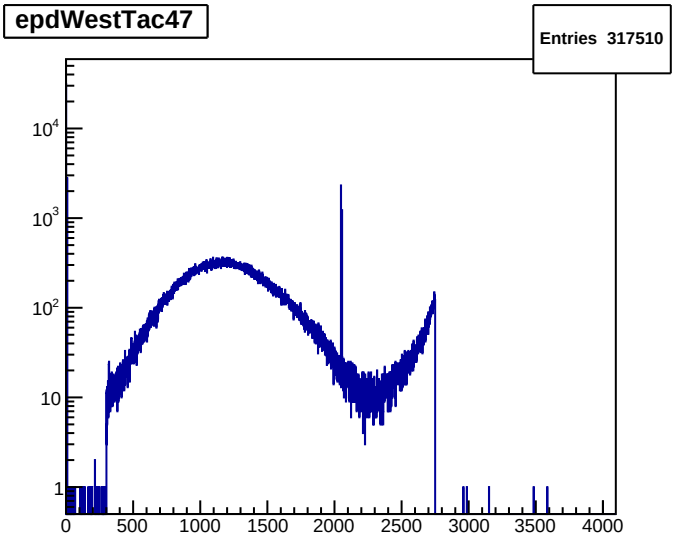
Entries 0
Data
Simu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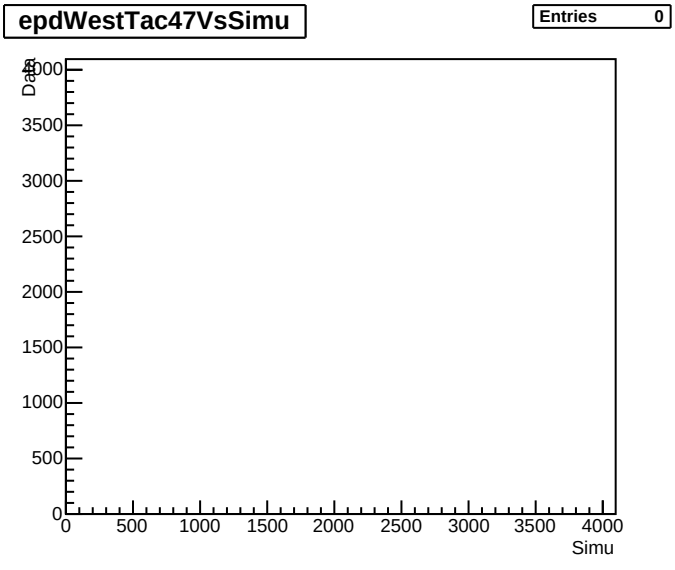
Entries 317510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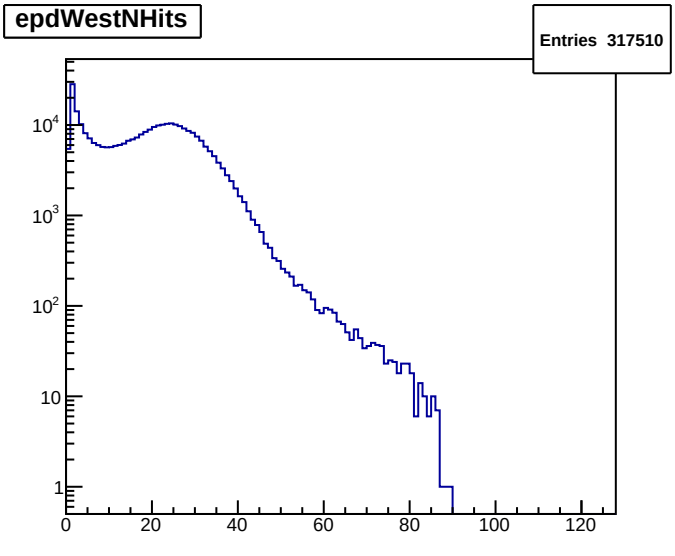
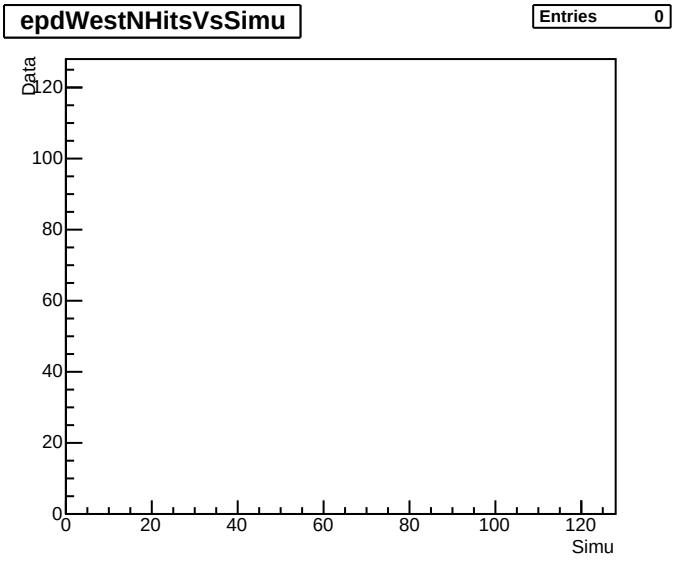
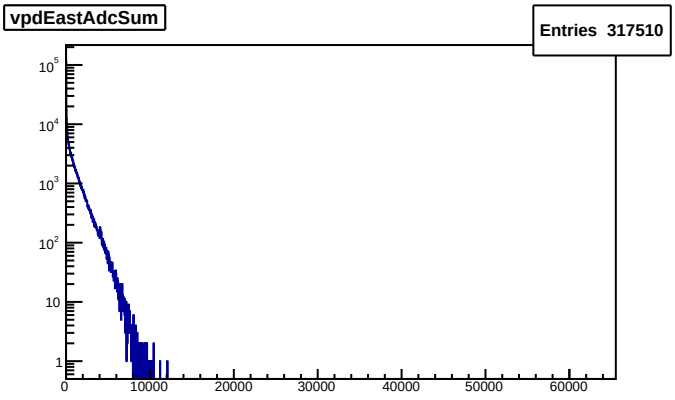
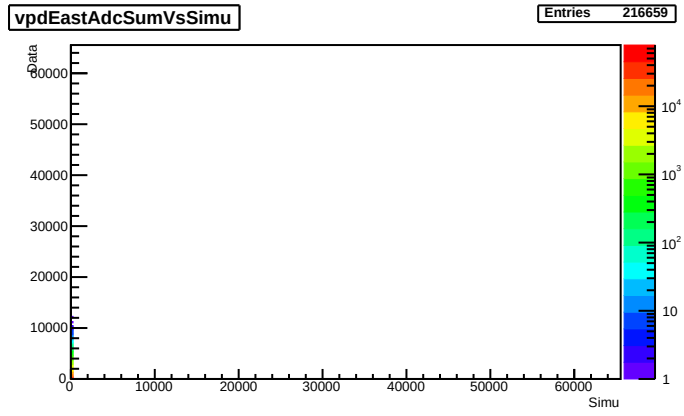
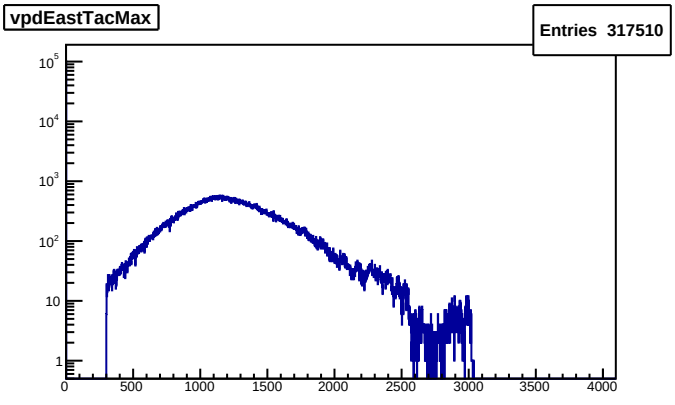
Entries 0
Data
Simu

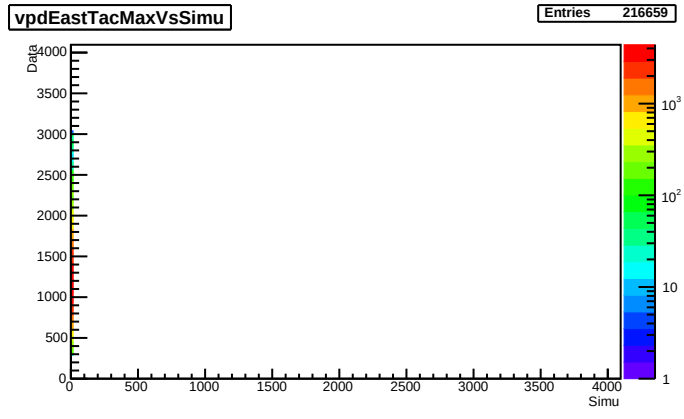

epdWestNHits
Entries 317510

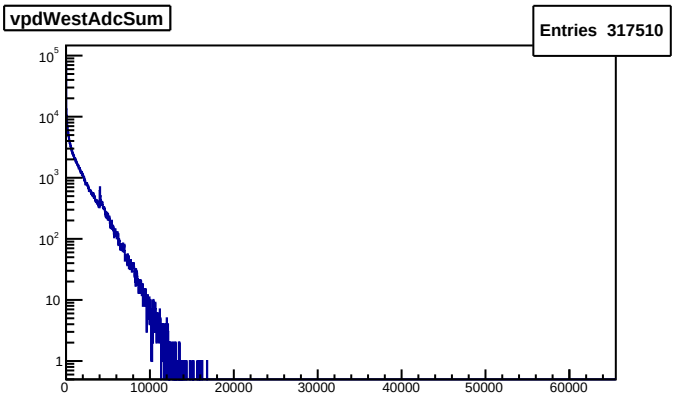

epdWestNHitsVsSimu
Entries 0
Data
Simu

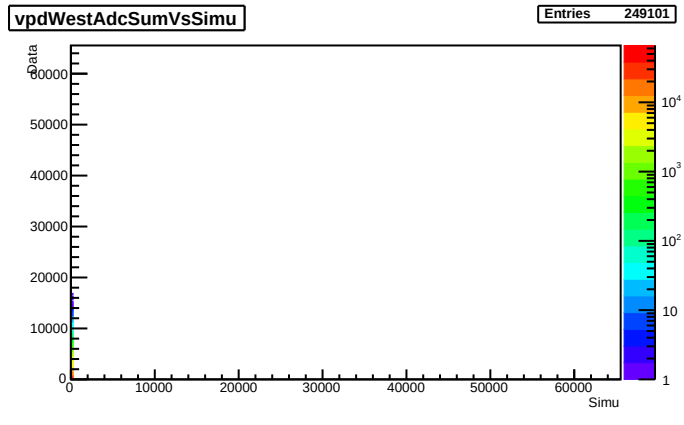

vpdEastAdcSum
Entries 317510

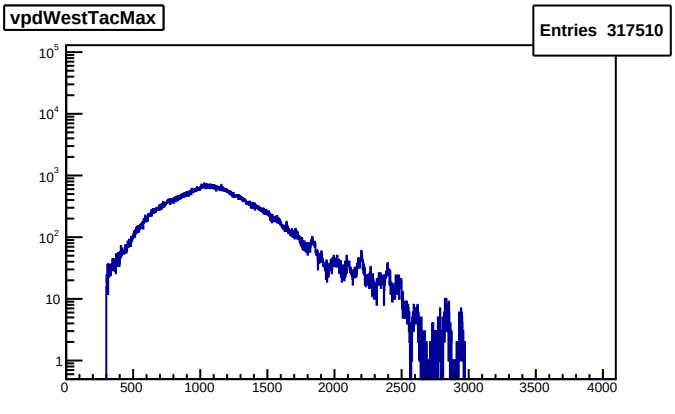

vpdEastAdcSumVsSimu
Entries 216659
Data
Simu

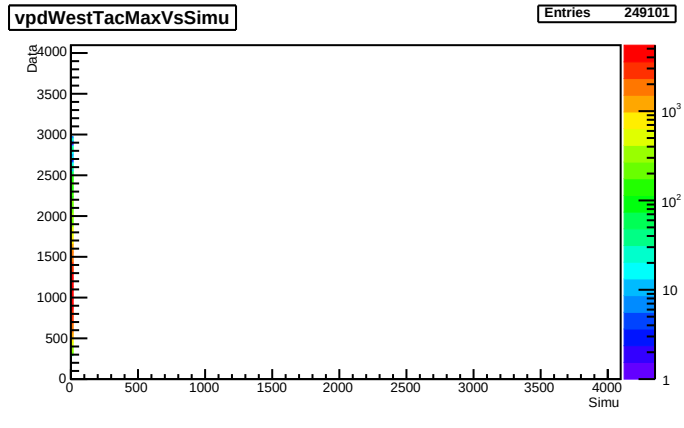

vpdEastTacMax
Entries 317510

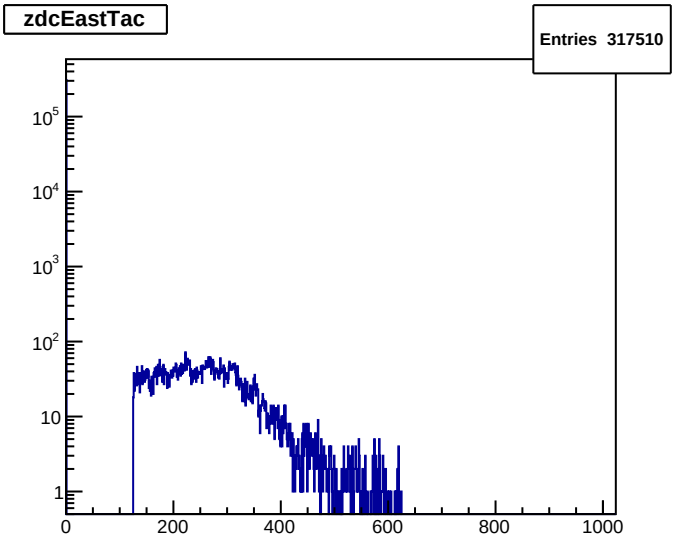

vpdEastTacMaxVsSimu
Entries 216659
Data
Simu

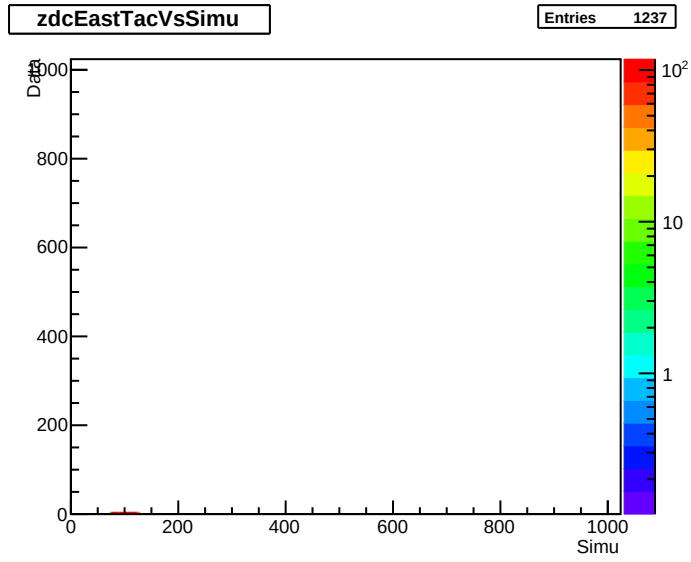

vpdWestAdcSum
Entries 317510

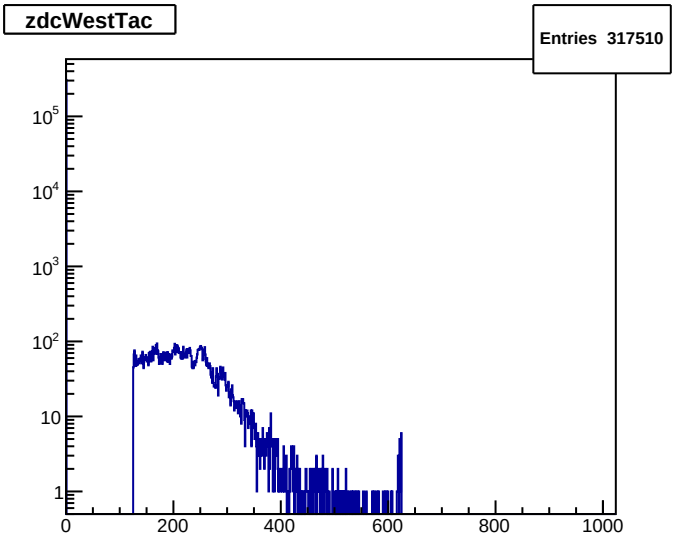

vpdWestAdcSumVsSimu
Entries 249101
Data
Simu

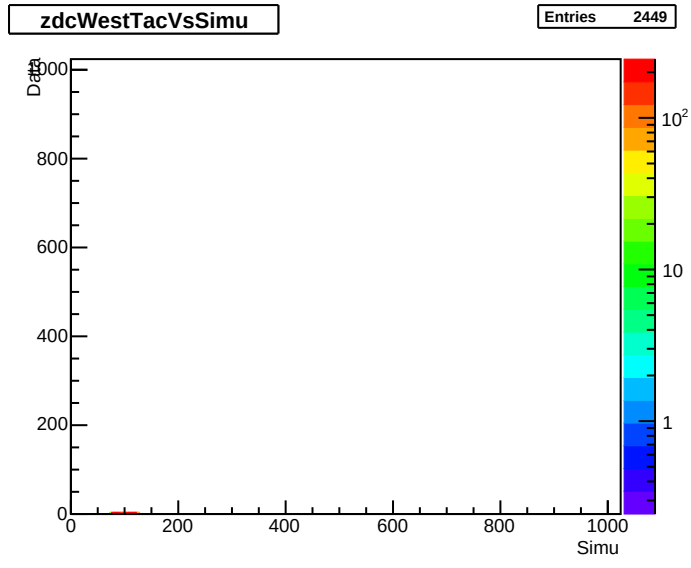

vpdWestTacMax
Entries 317510

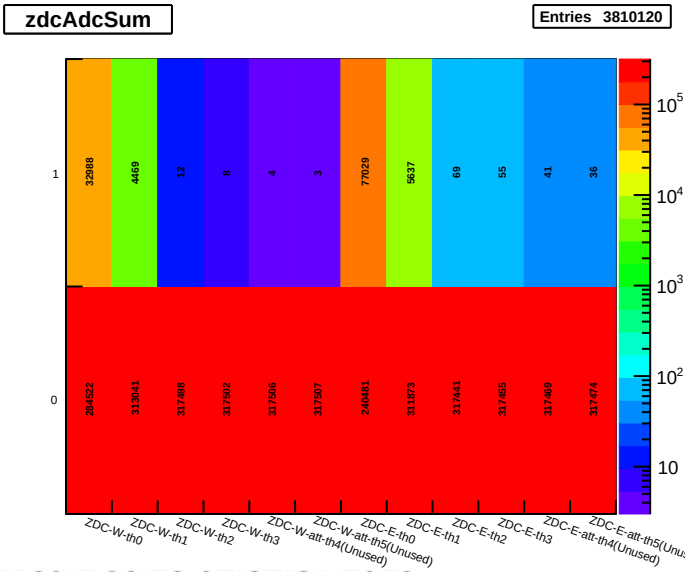

vpdWestTacMaxVsSimu
Entries 249101
Data
Simu

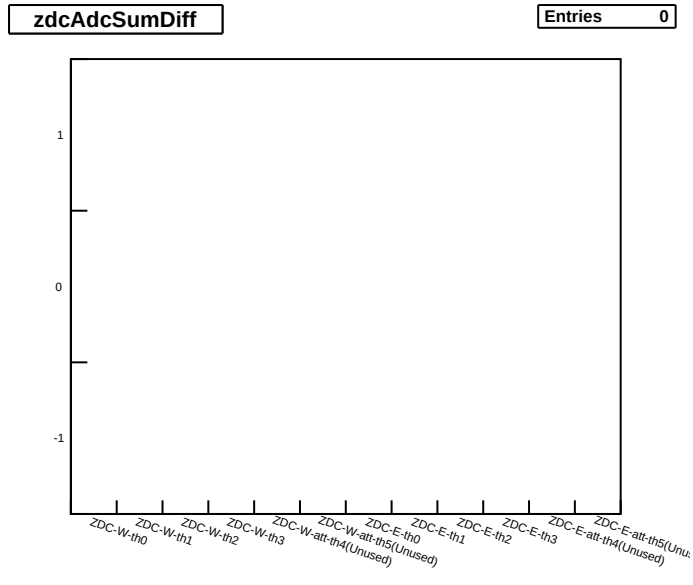

zdcEastTac
Entries 317510

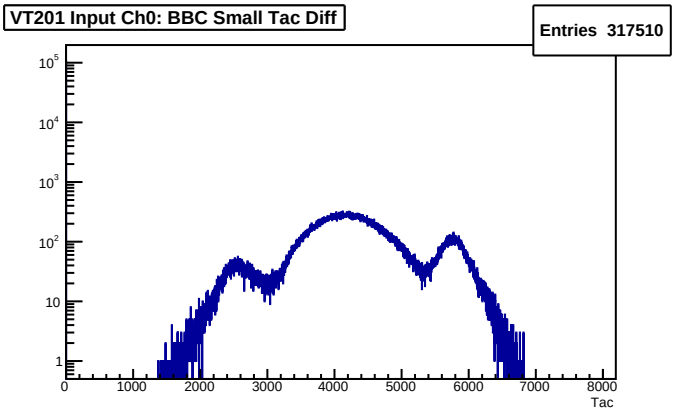

zdcEastTacVsSimu
Entries 1237
Data
Simu

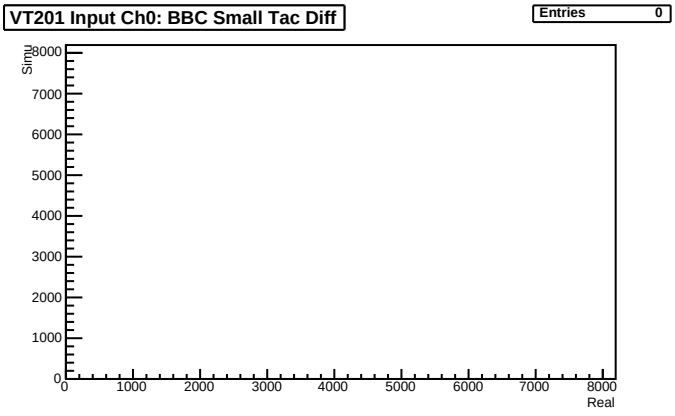

zdcWestTac
Entries 317510

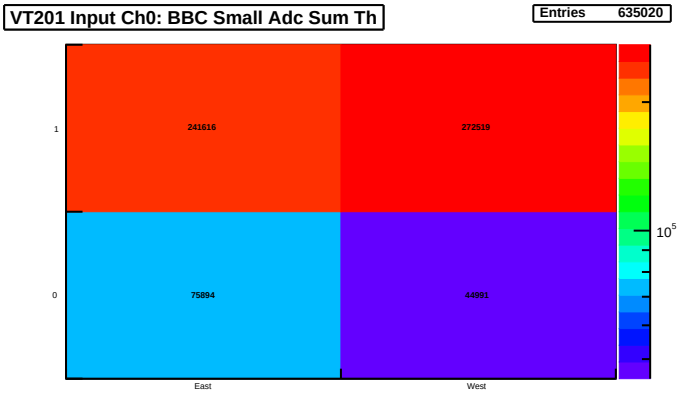

zdcWestTacVsSimu
Entries 2449
Data
Simu

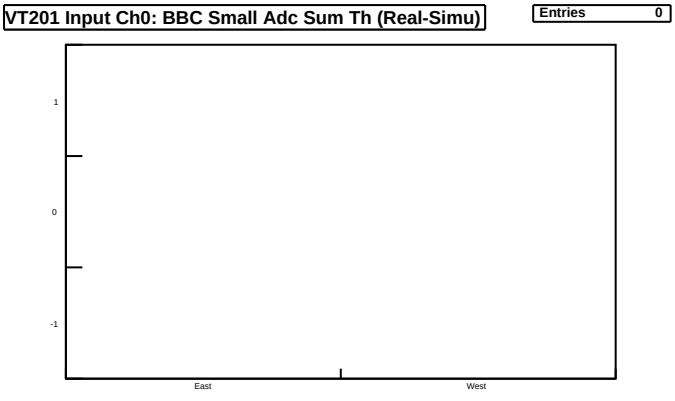

zdcAdcSum
Entries 3810120
32988
4469
12
8
4
3
77029
5637
69
55
41
36
284522
313041
317498
317502
317506
317507
240481
311873
317441
317455
317469
317474
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

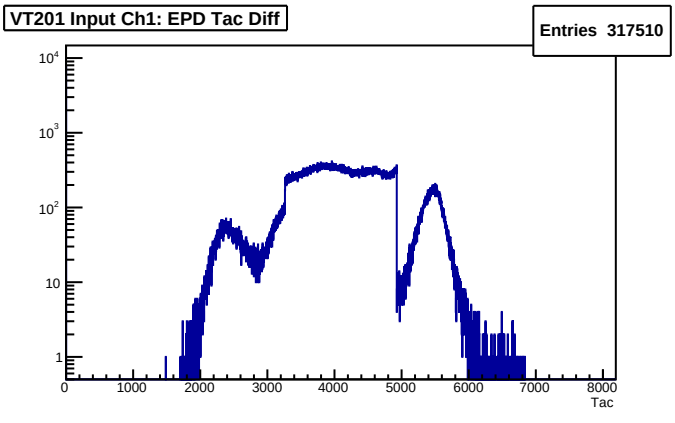

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

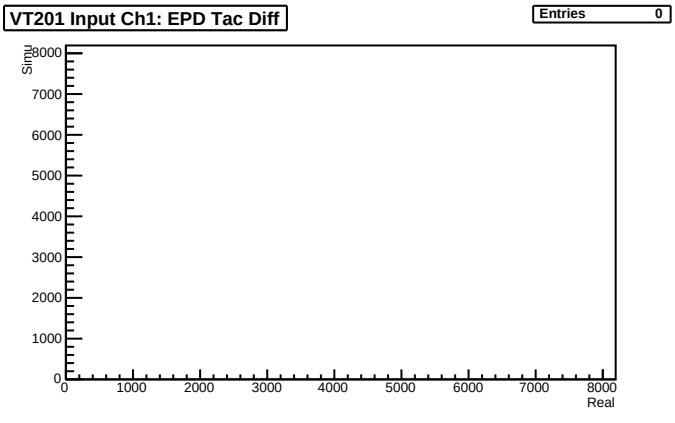

VT201 Input Ch0: BBC Small Tac Diff
Entries 317510
Tac

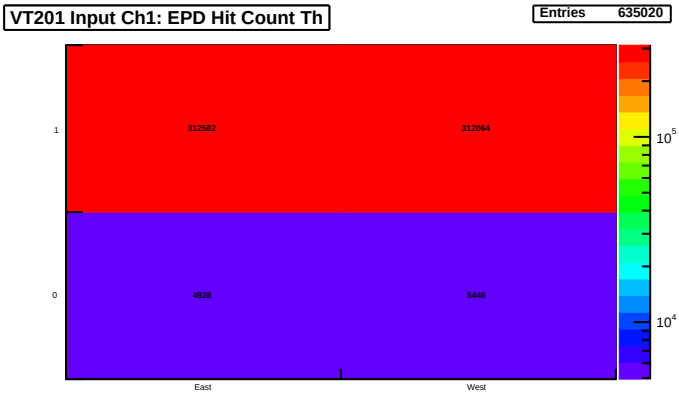

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

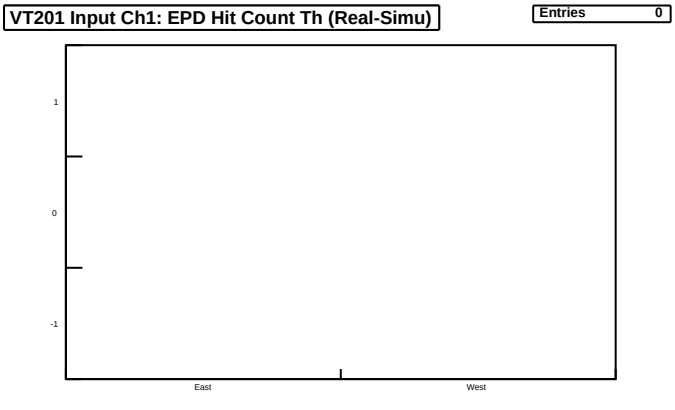

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 635020
241616
272519
75894
44991
East
West

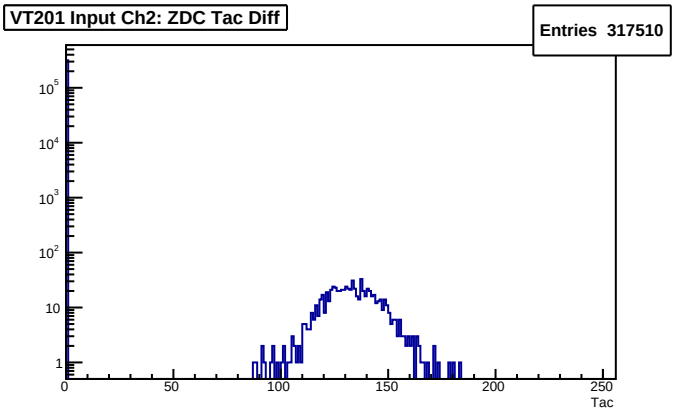

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

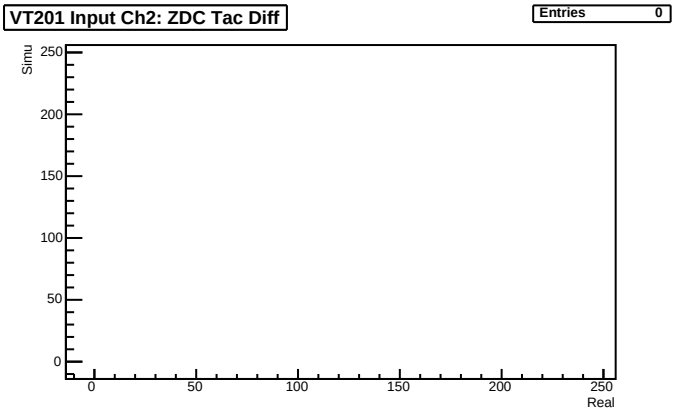

VT201 Input Ch1: EPD Tac Diff
Entries 317510
Tac

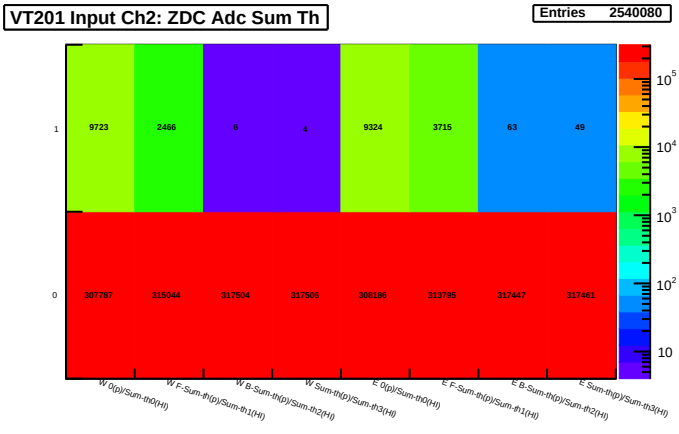

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

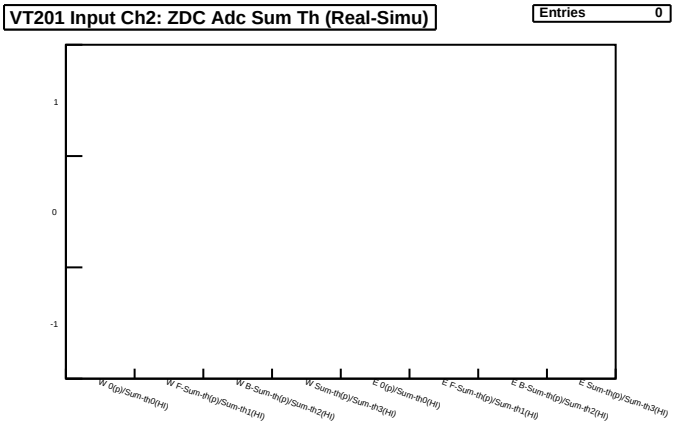

VT201 Input Ch1: EPD Hit Count Th
Entries 635020
312582
312064
4928
5446
East
West

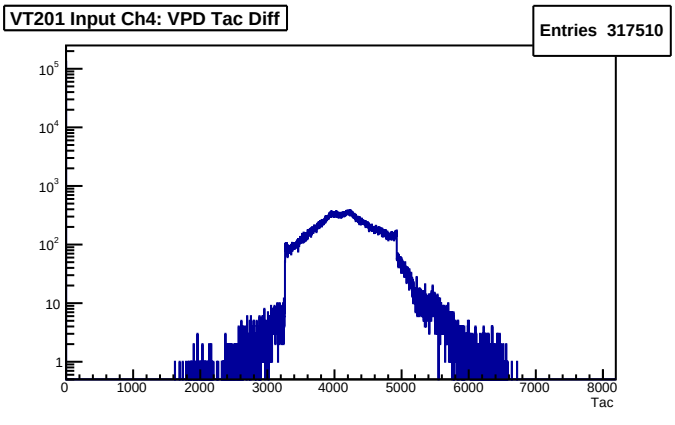

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

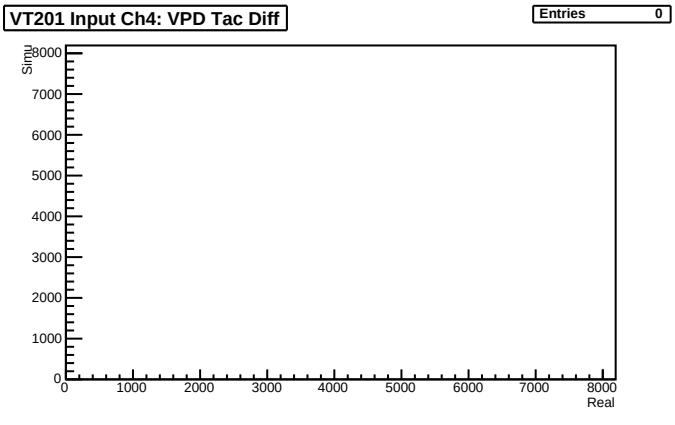

VT201 Input Ch2: ZDC Tac Diff
Entries 317510
Tac

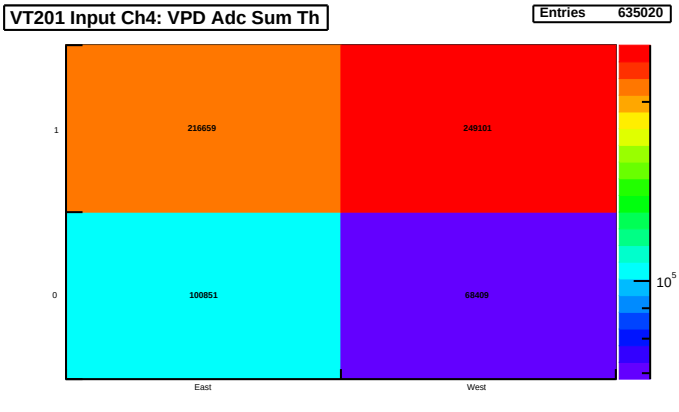

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

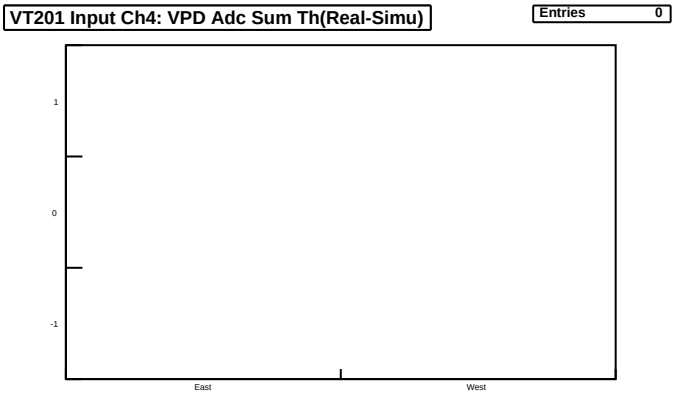

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2540080
9723
2466
6
4
9324
3715
63
49
307787
315044
317504
317506
308186
313795
317447
317461
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

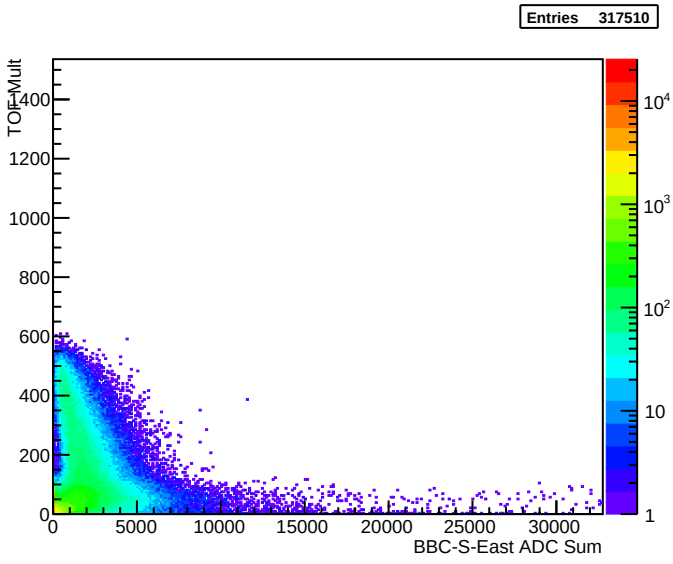

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

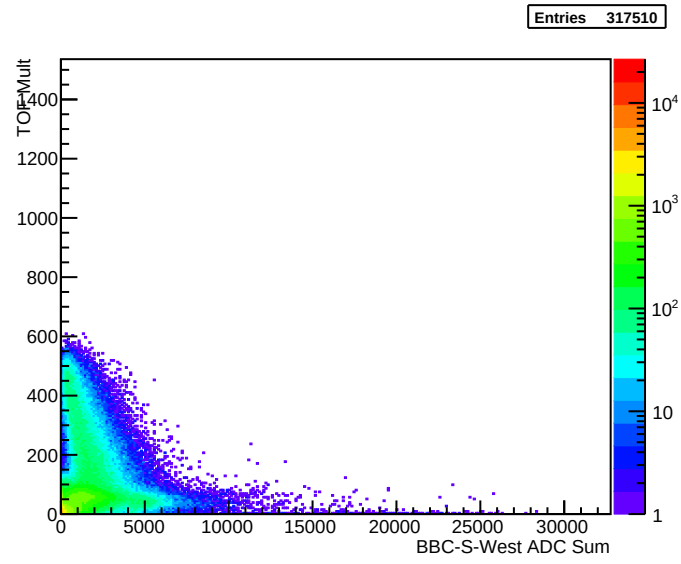

VT201 Input Ch4: VPD Tac Diff
Entries 317510
Tac

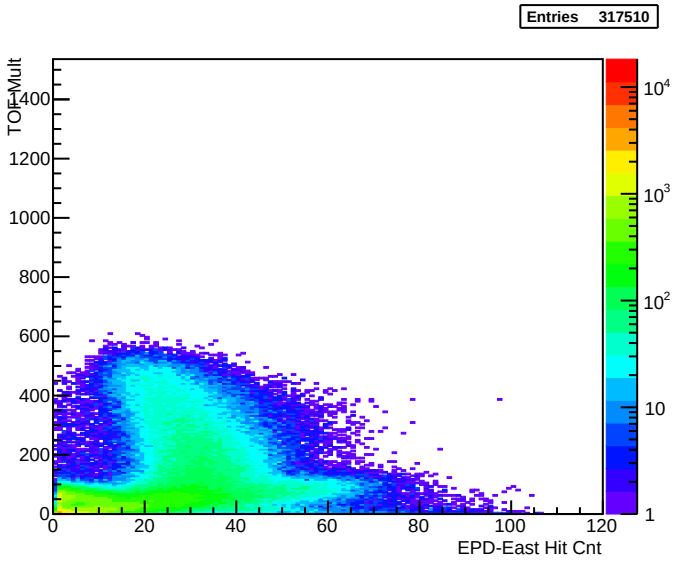

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

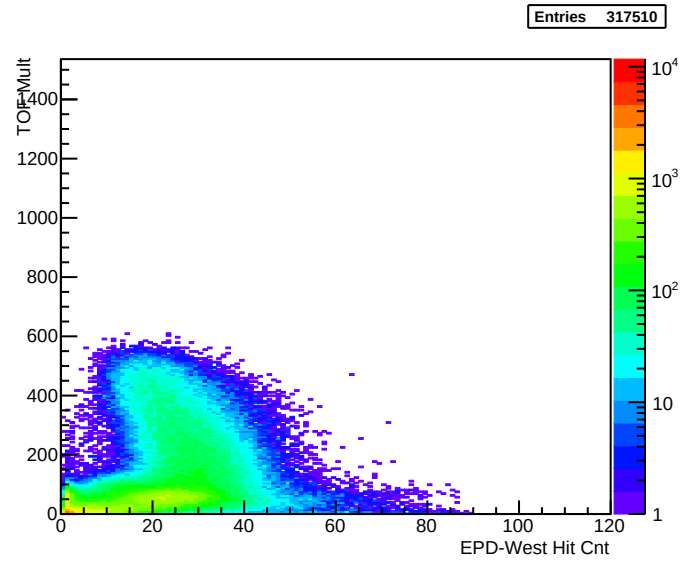

VT201 Input Ch4: VPD Adc Sum Th
Entries 635020
216659
249101
100851
68409
East
West

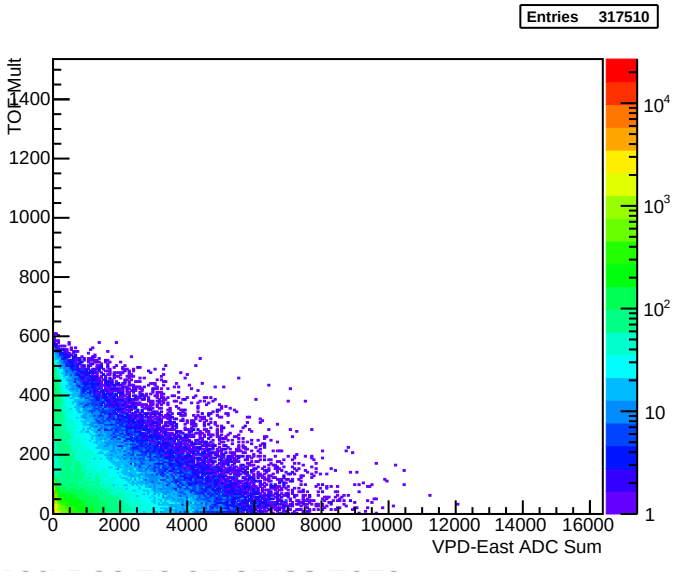

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

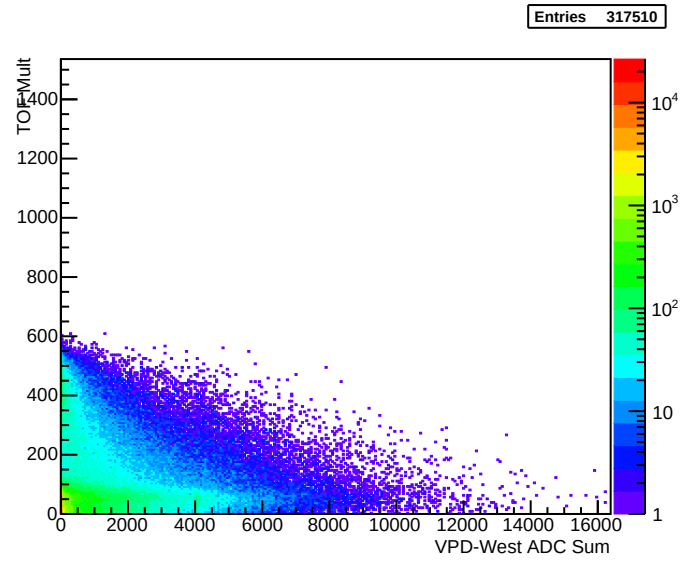

Entries 317510
TOF-Mult
BBC-S-East ADC Sum

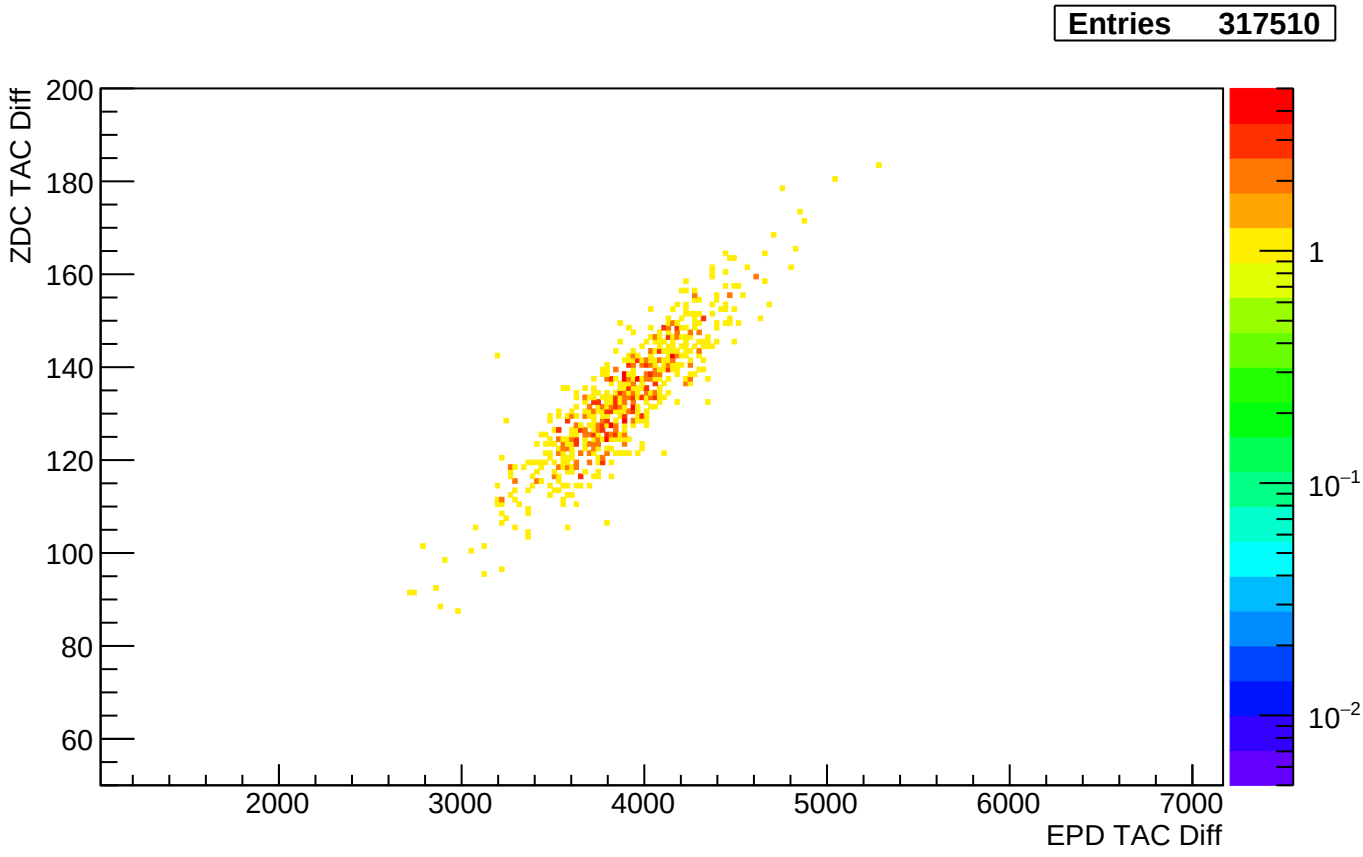

Entries 317510
TOF-Mult
BBC-S-West ADC Sum

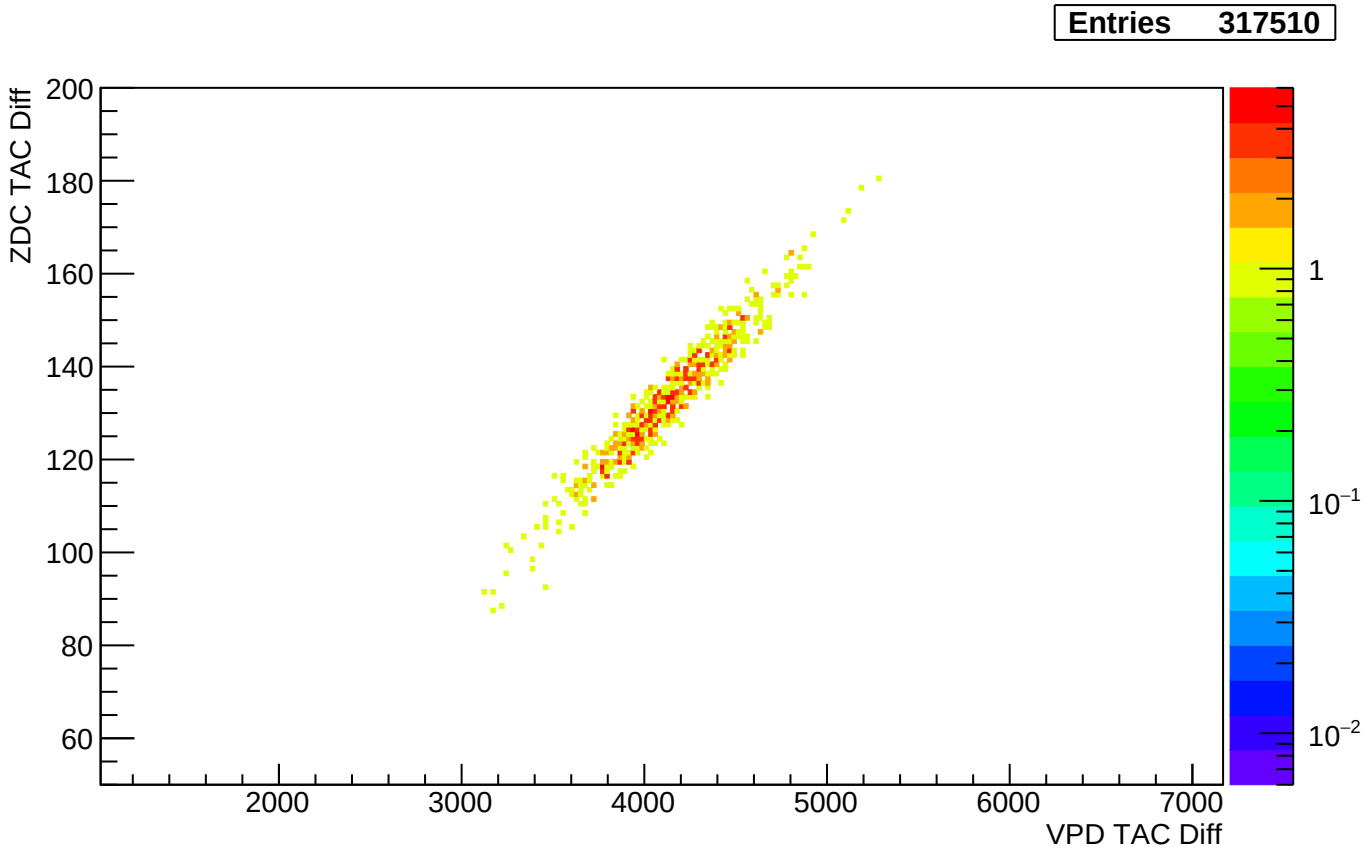

Entries 317510
TOF-Mult
EPD-East Hit Cnt

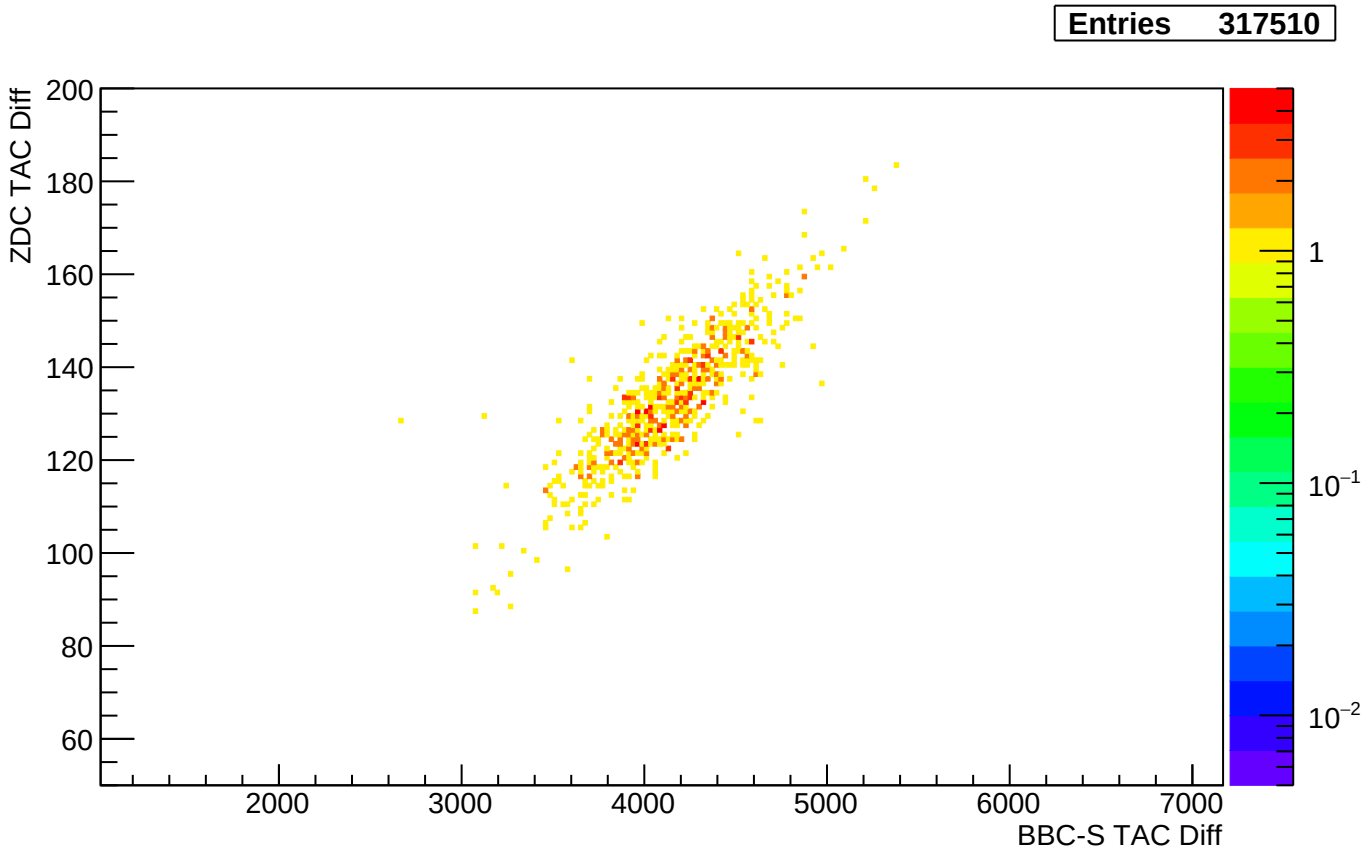

Entries 317510
TOF-Mult
EPD-West Hit Cnt

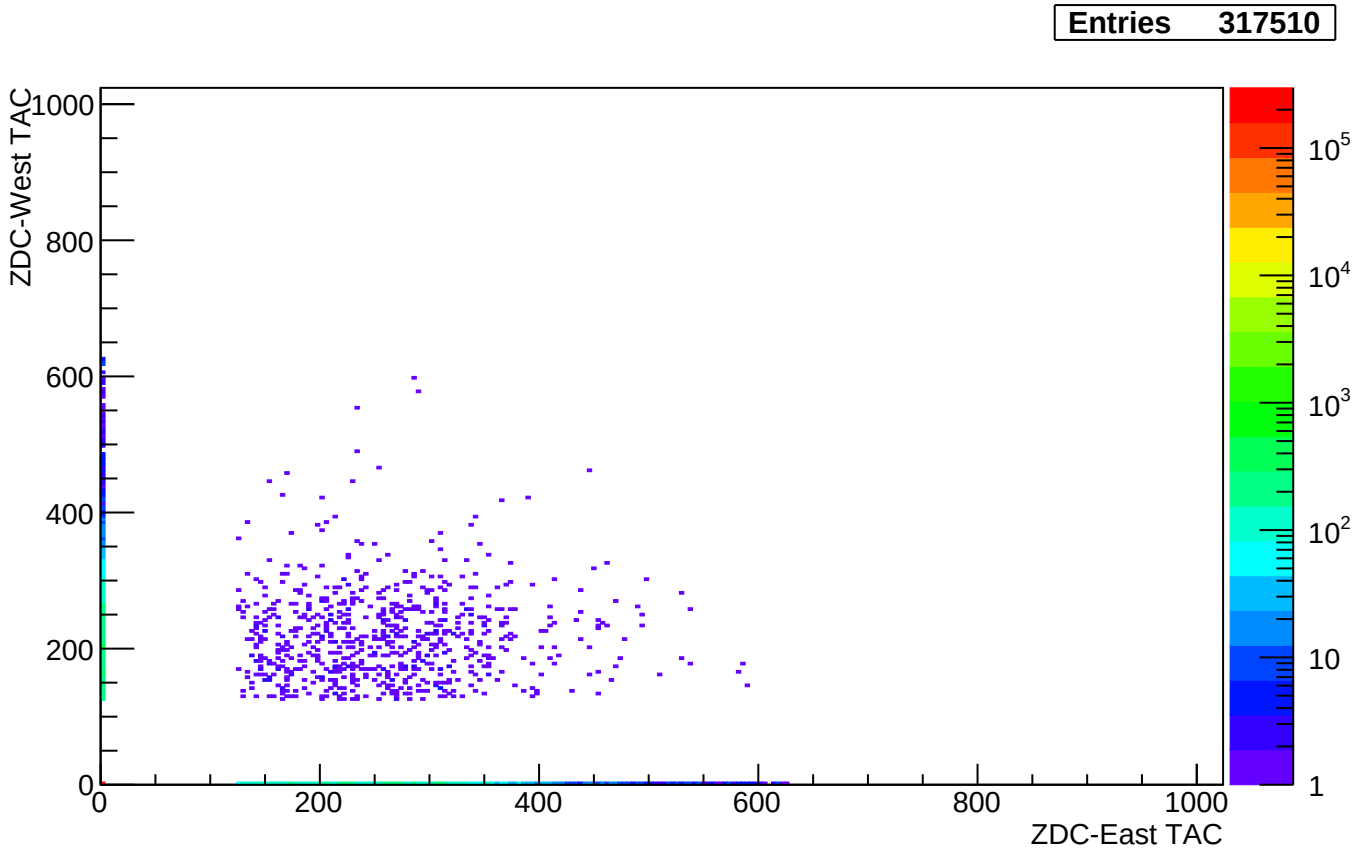

Entries 317510
TOF-Mult
VPD-East ADC Sum

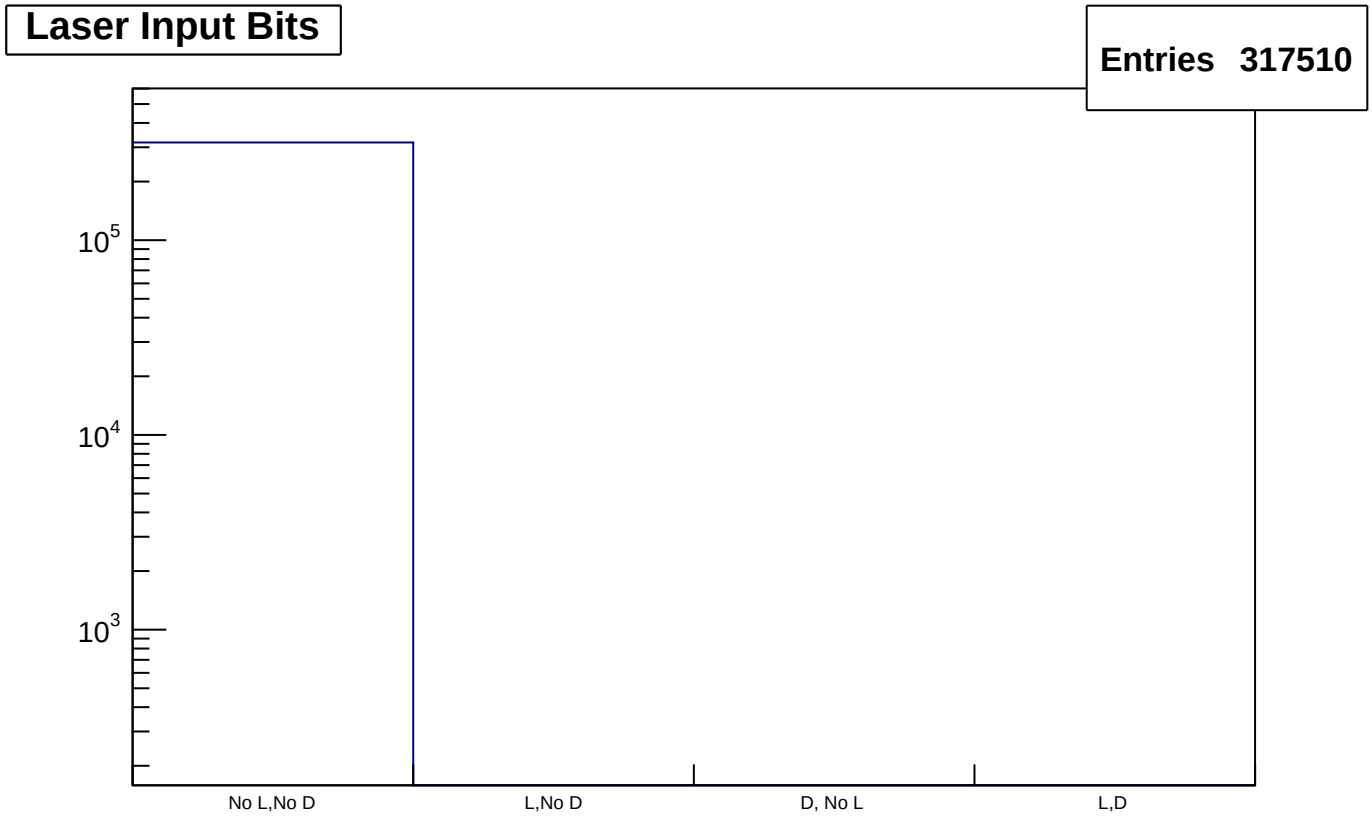

Entries 317510
TOF-Mult
VPD-West ADC Sum

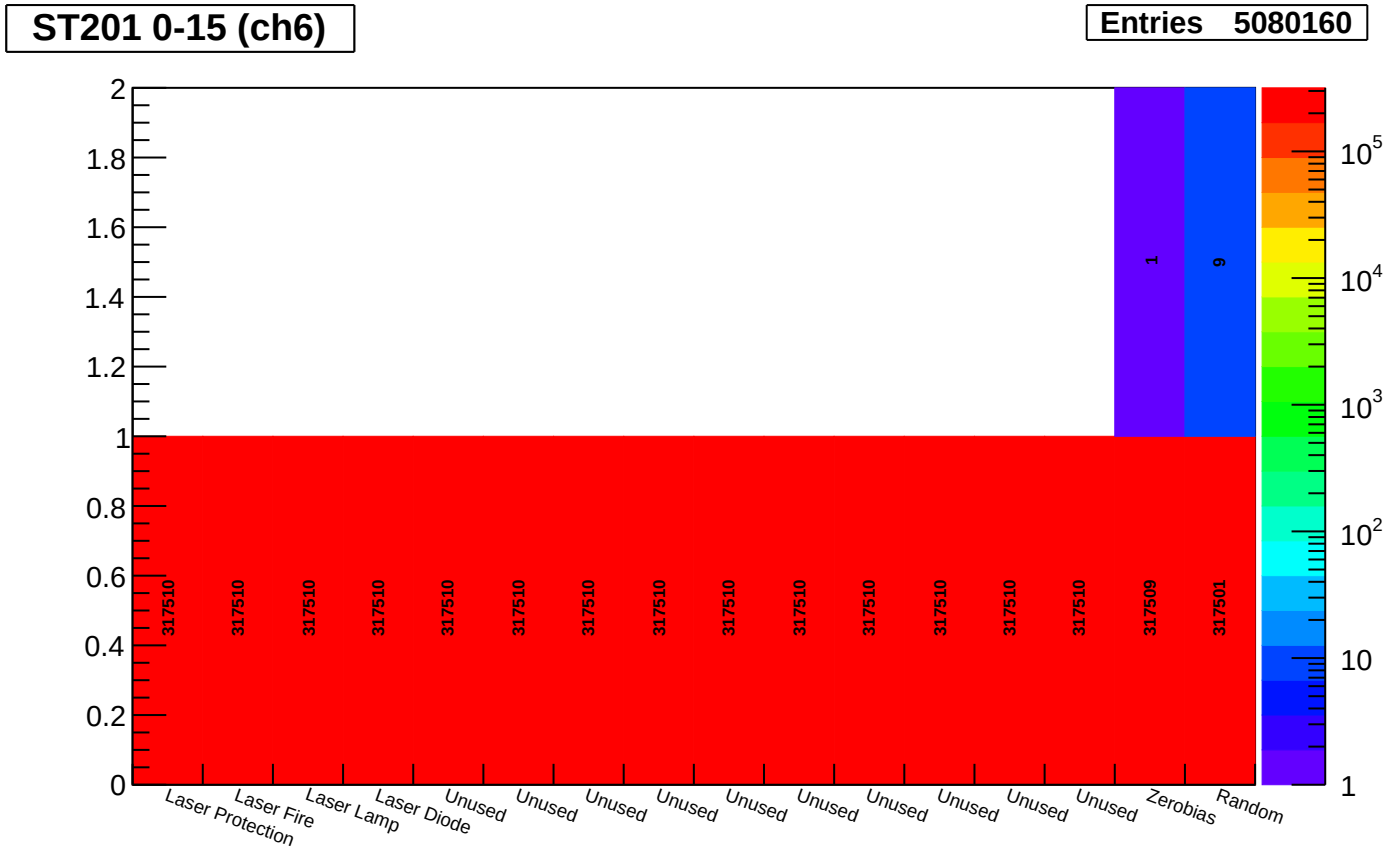

Entries 317510
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

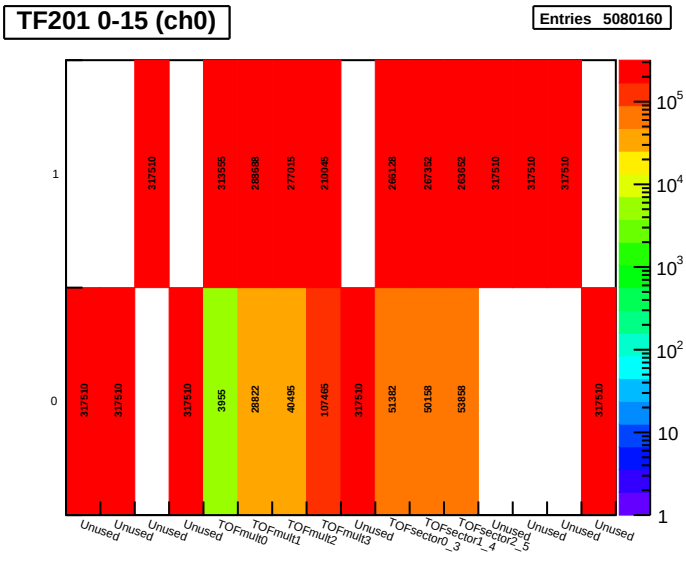

Entries 317510
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

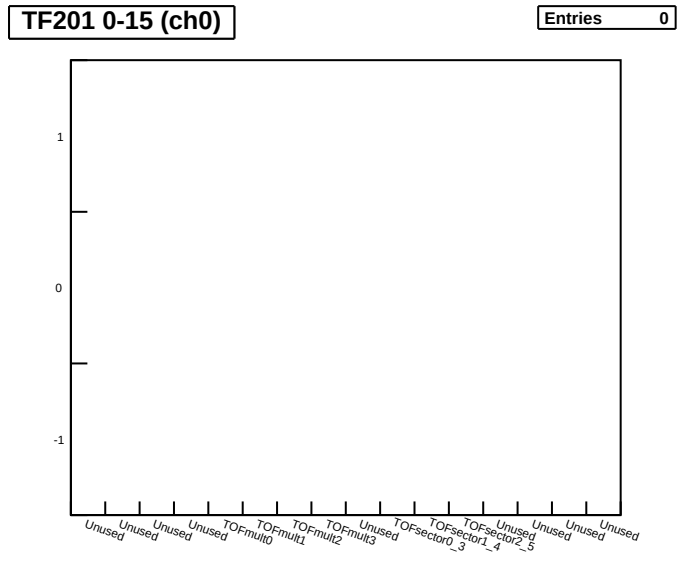

Entries 317510
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

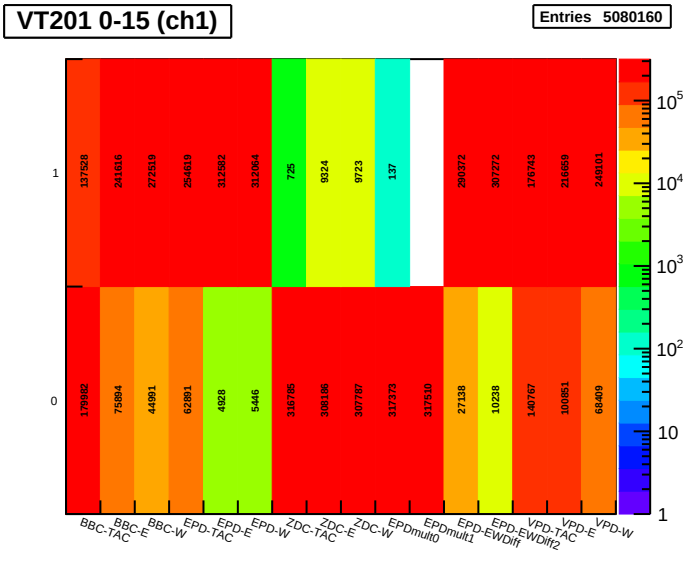

Entries 317510
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

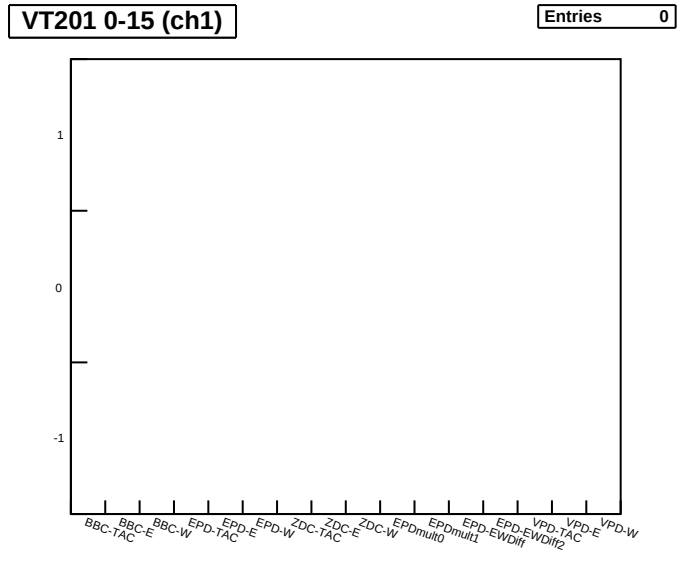

Laser Input Bits
Entries 317510
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

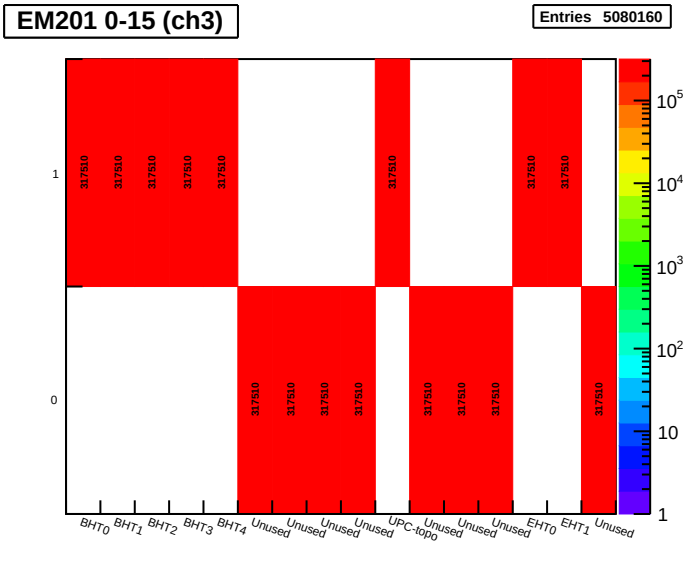

ST201 0-15 (ch6)
Entries 5080160
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
317510
317509
317501
1
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

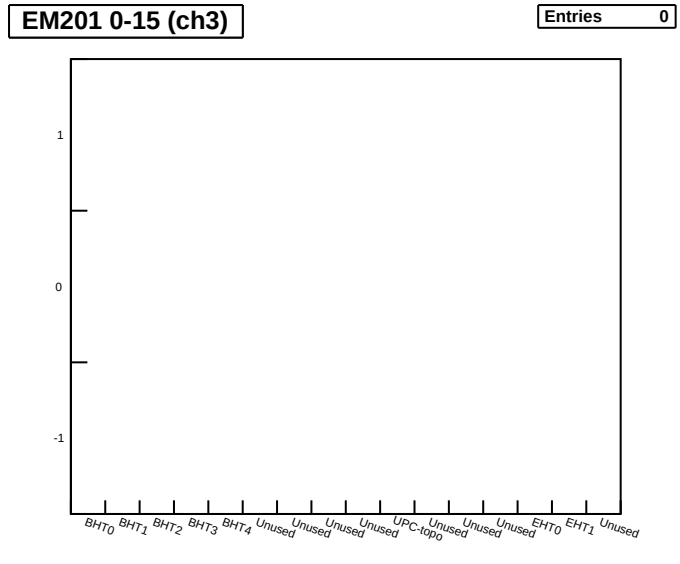

TF201 0-15 (ch0)
Entries 5080160
1
0
317510
313555
288688
277015
210045
266128
267352
263652
317510
317510
317510
317510
317510
3955
28822
40495
107465
317510
51382
50158
53858
317510
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 5080160
1
0
137528
241616
272519
254619
312582
312064
725
9324
9723
137
290372
307272
176743
216659
249101
179982
75894
44991
62891
4928
5446
316785
308186
307787
317373
317510
27138
10238
140767
100851
68409
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 5080160
1
0
317510
317510
317510
317510
317510
317510
317510
317510
317510
317510
317510
317510
317510
317510
317510
317510
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1