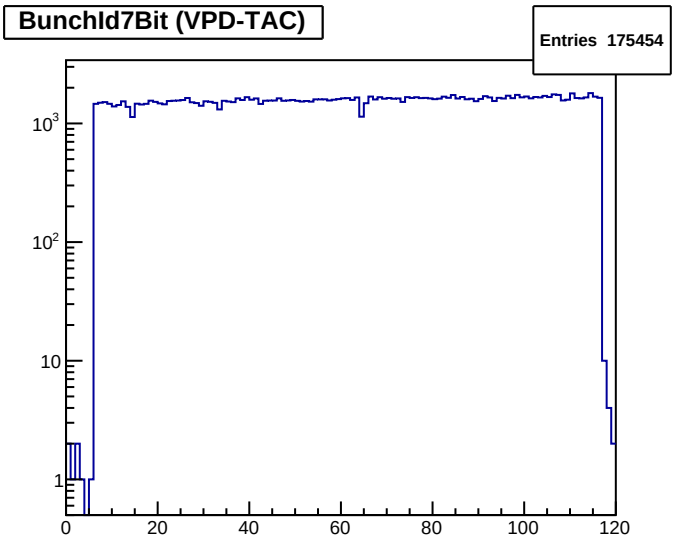
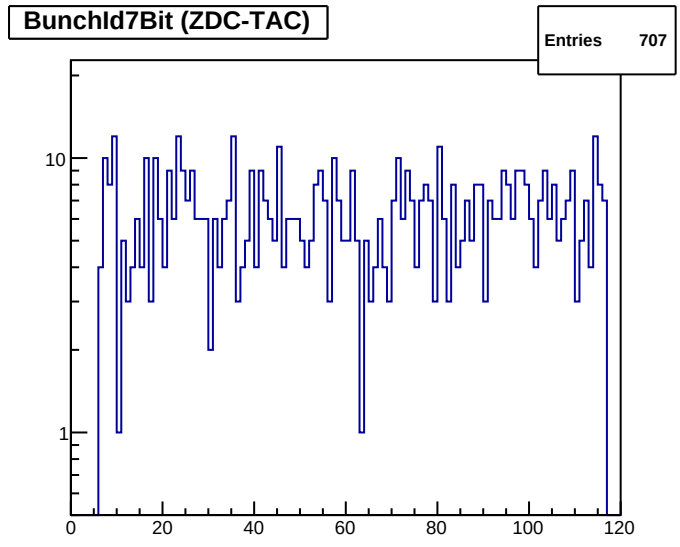
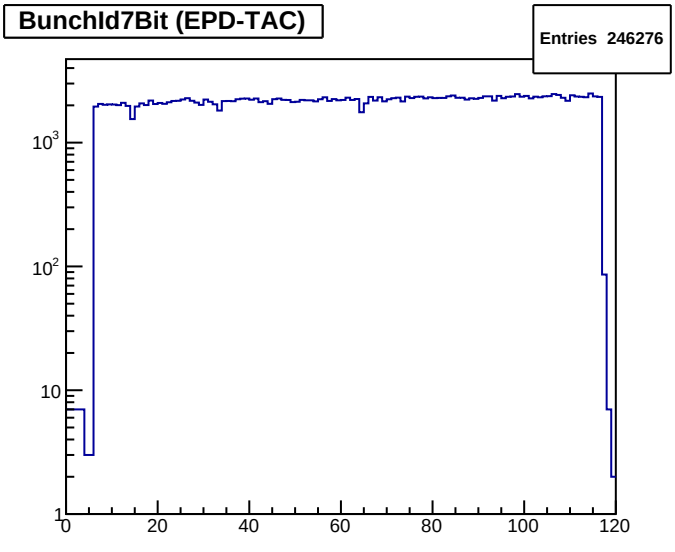
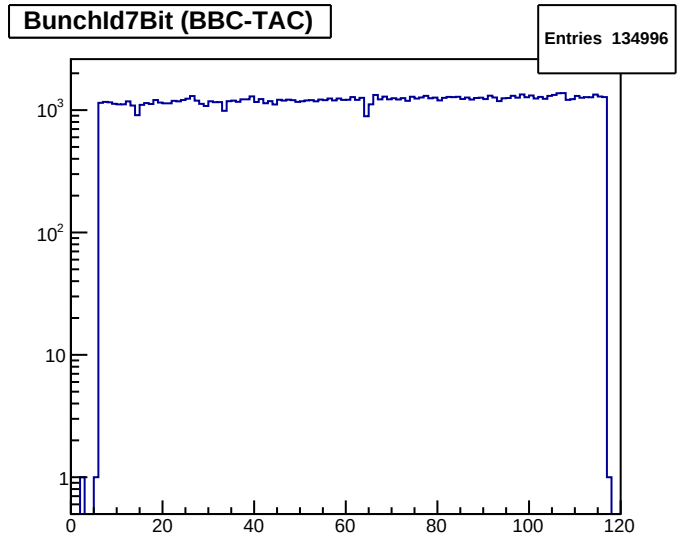
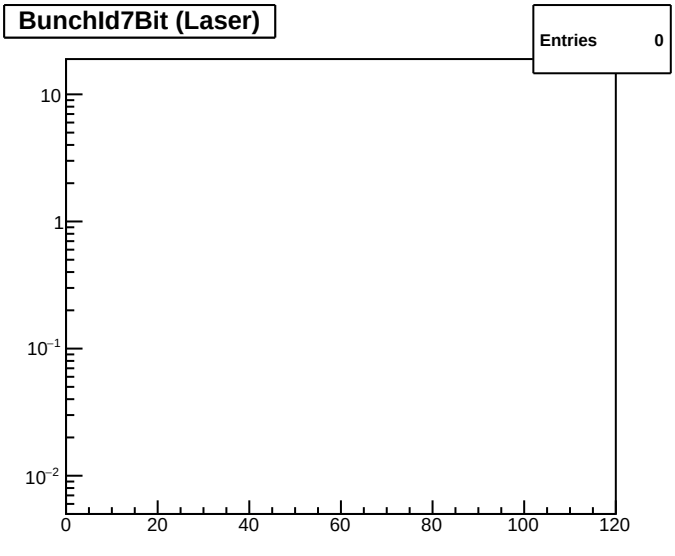
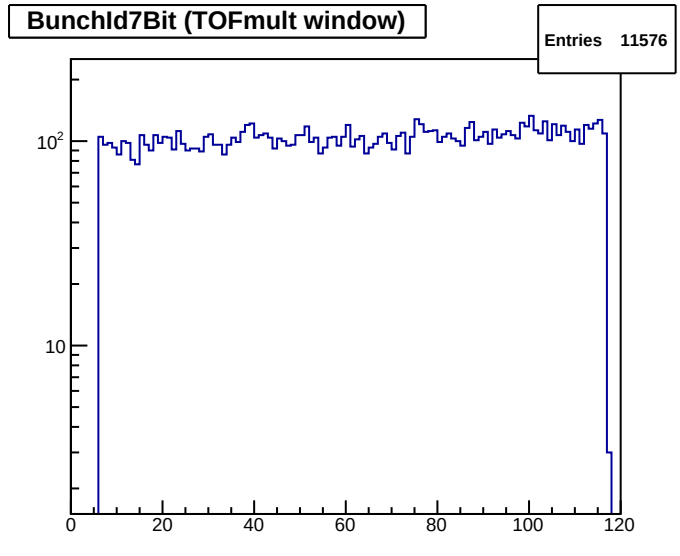

BunchId7Bit (VPD-TAC)
Entries 175454

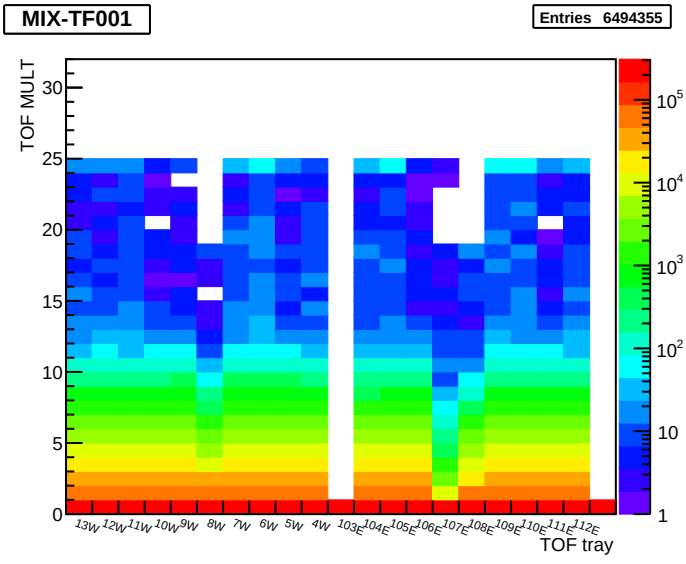

BunchId7Bit (ZDC-TAC)
Entries 707

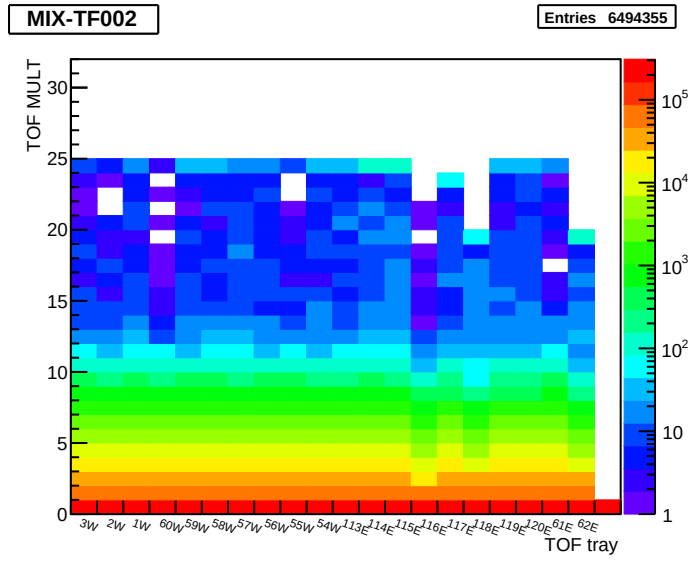

BunchId7Bit (EPD-TAC)
Entries 246276

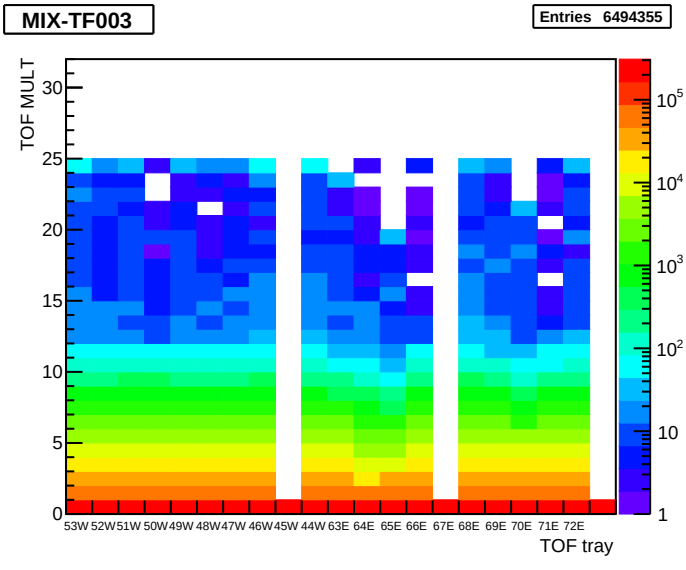

BunchId7Bit (BBC-TAC)
Entries 134996

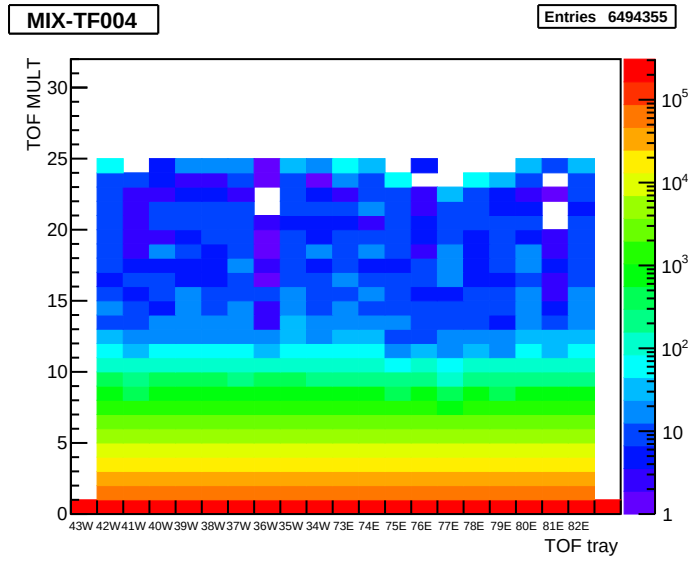

BunchId7Bit (Laser)
Entries 0

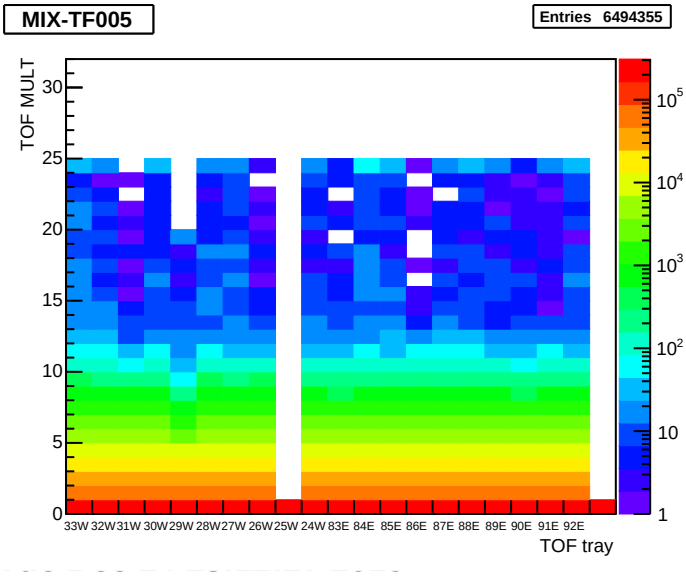

BunchId7Bit (TOFmult window)
Entries 11576

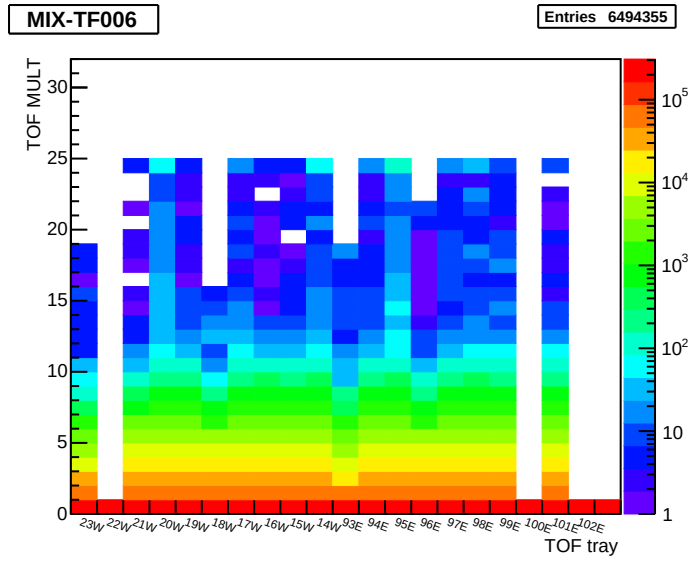

MIX-TF001
Entries 6494355
TOF MULT
TOF tray

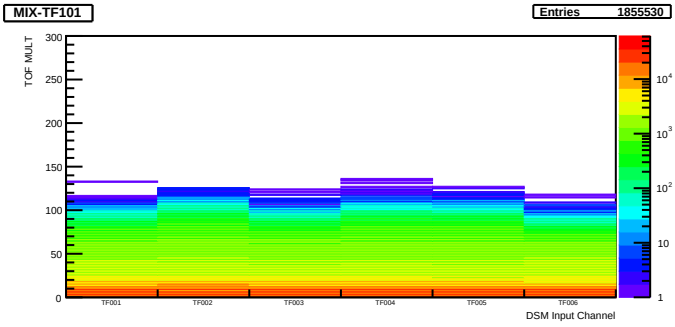

MIX-TF002
Entries 6494355
TOF MULT
TOF tray

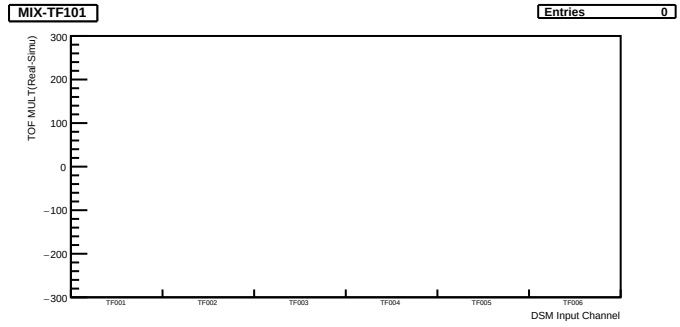

MIX-TF003
Entries 6494355
TOF MULT
TOF tray

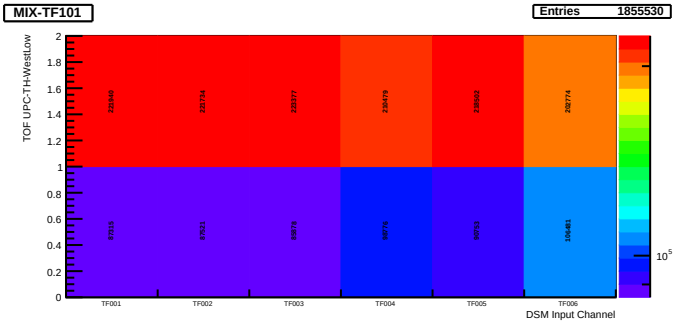

MIX-TF004
Entries 6494355
TOF MULT
TOF tray

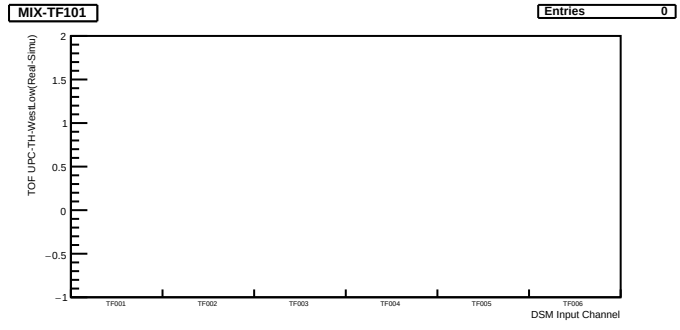

MIX-TF005
Entries 6494355
TOF MULT
TOF tray

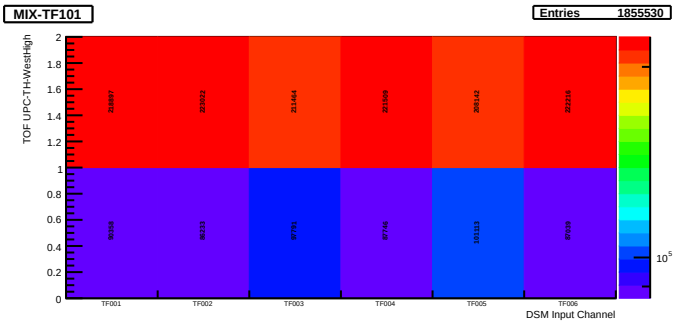

MIX-TF006
Entries 6494355
TOF MULT
TOF tray

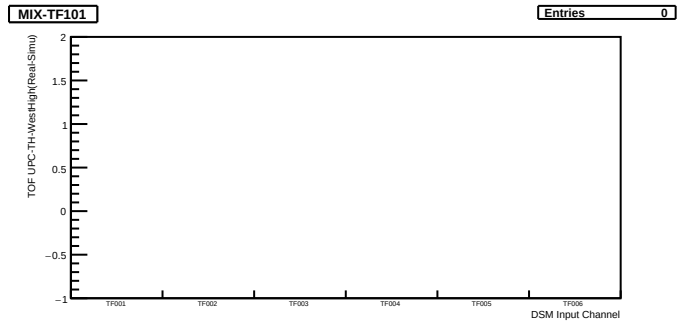

MIX-TF101
Entries 1855530
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

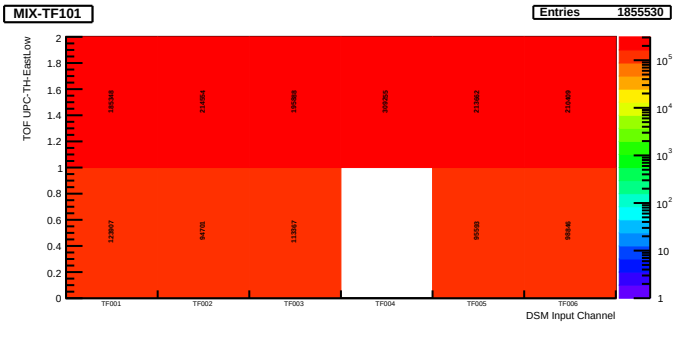

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

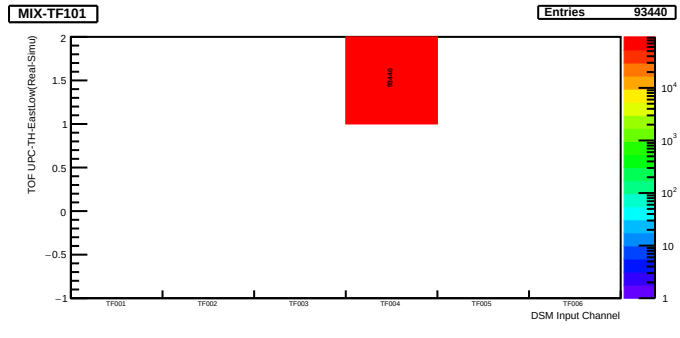

MIX-TF101
Entries 1855530
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

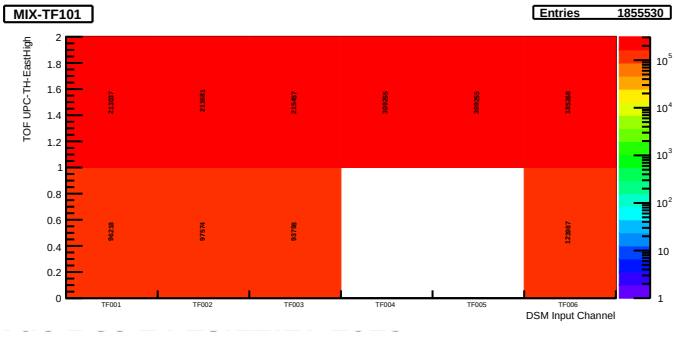

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

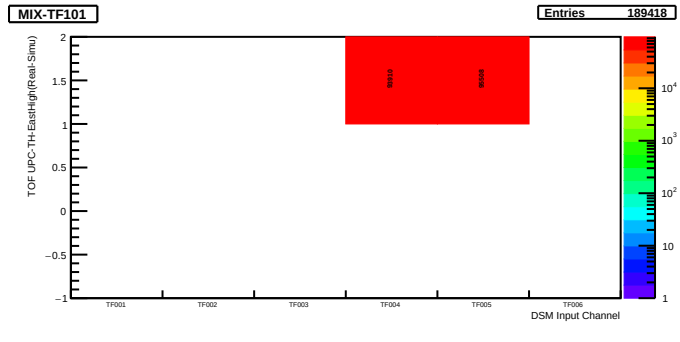

MIX-TF101
Entries 1855530
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

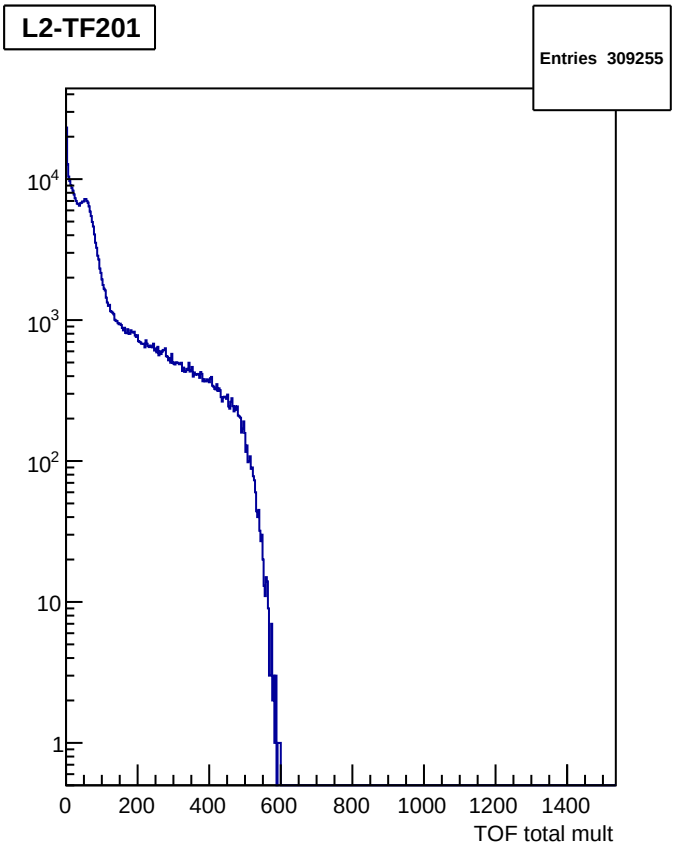

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

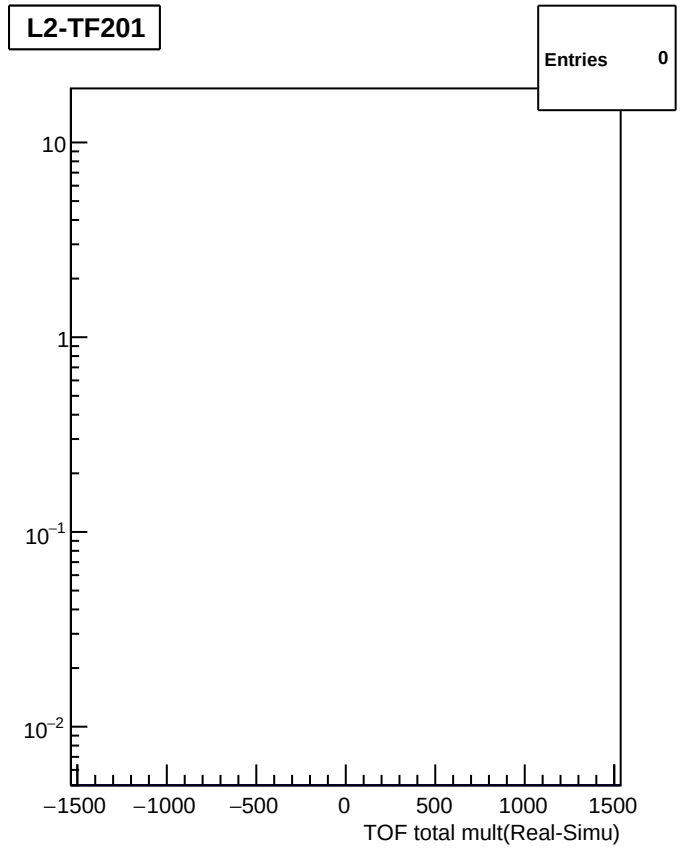

MIX-TF101
Entries 1855530
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

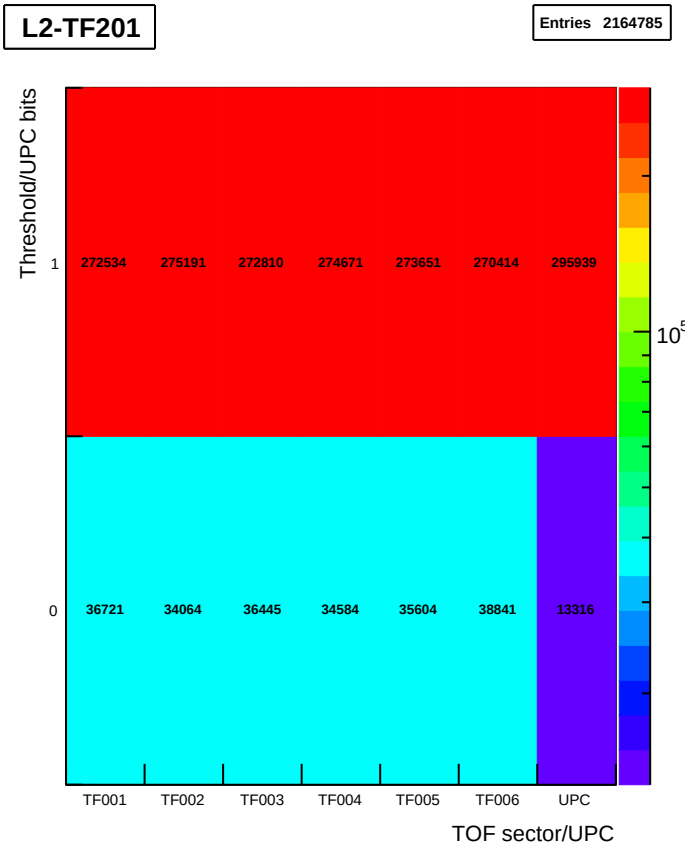

MIX-TF101
Entries 93440
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

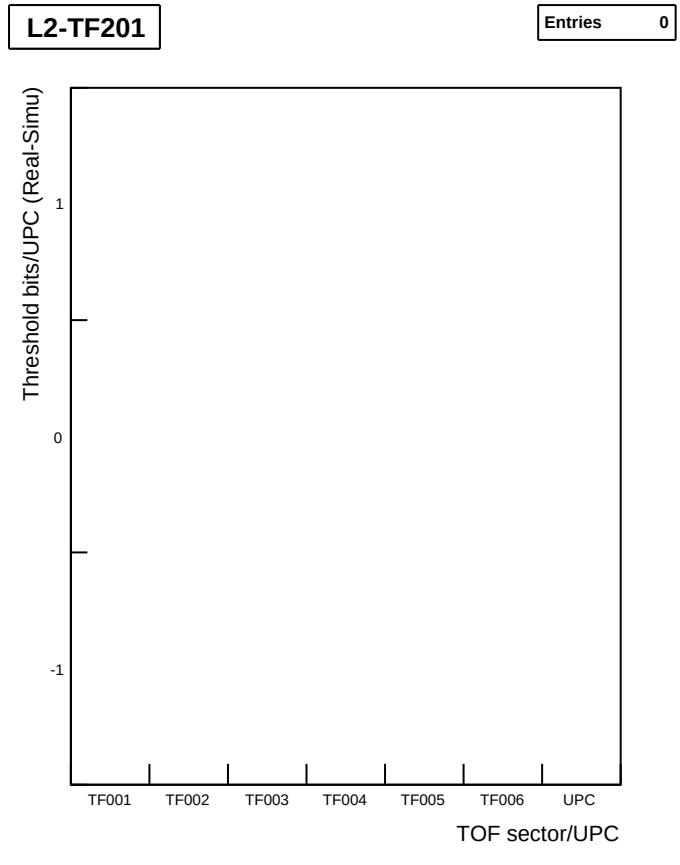

MIX-TF101
Entries 1855530
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

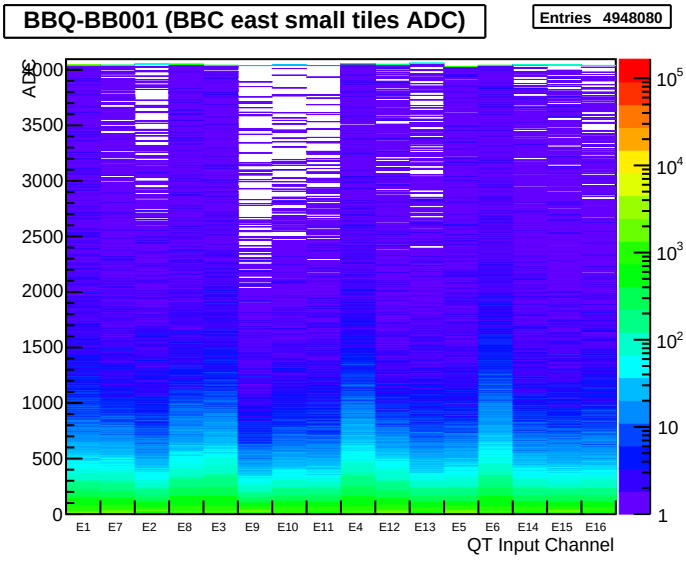

MIX-TF101
Entries 189418
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

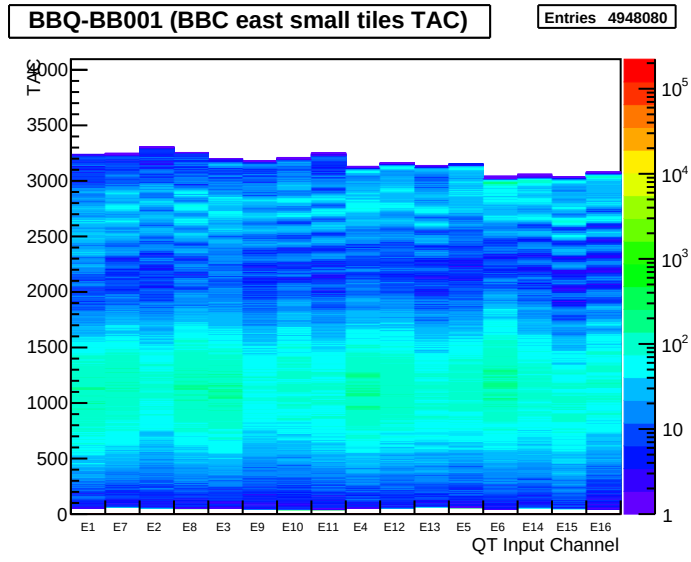

L2-TF201
Entries 309255
TOF total mult

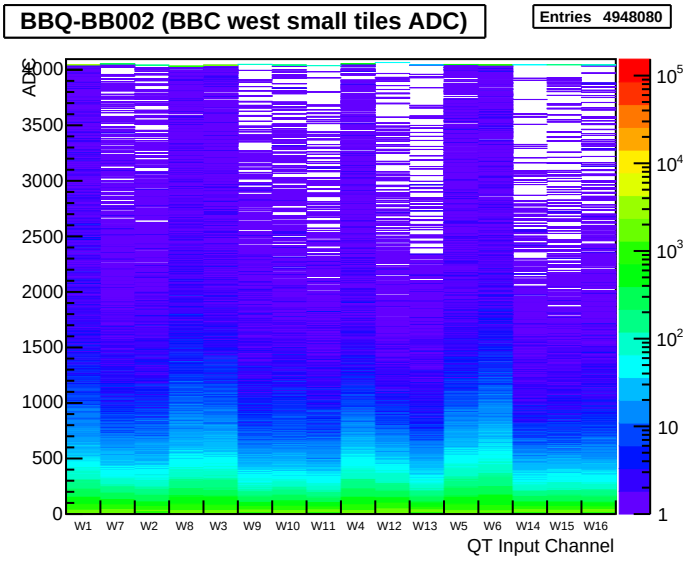

L2-TF201
Entries 0
TOF total mult(Real-Simu)

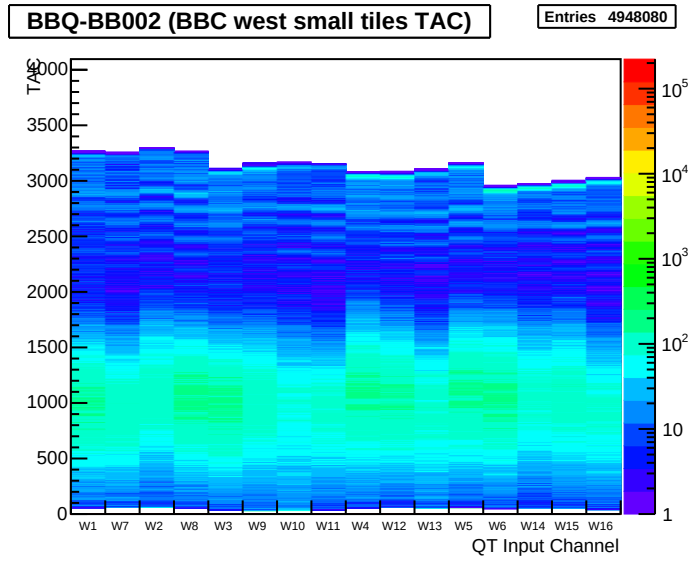

L2-TF201
Entries 2164785
Threshold/UPC bits
272534
275191
272810
274671
273651
270414
295939
36721
34064
36445
34584
35604
38841
13316
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

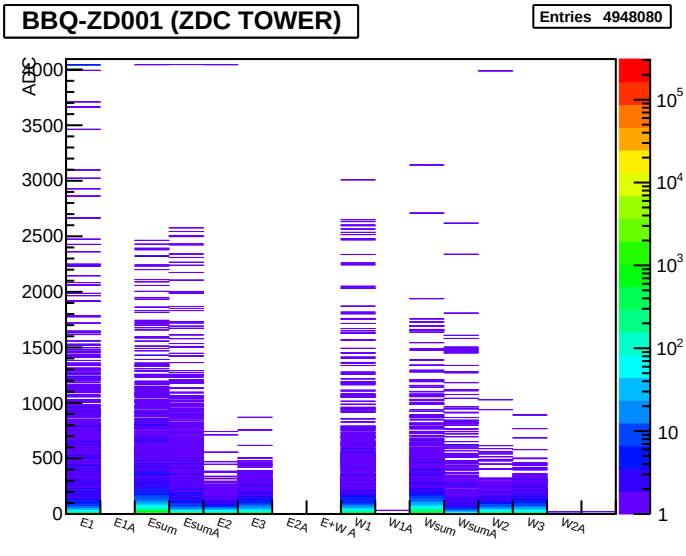

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

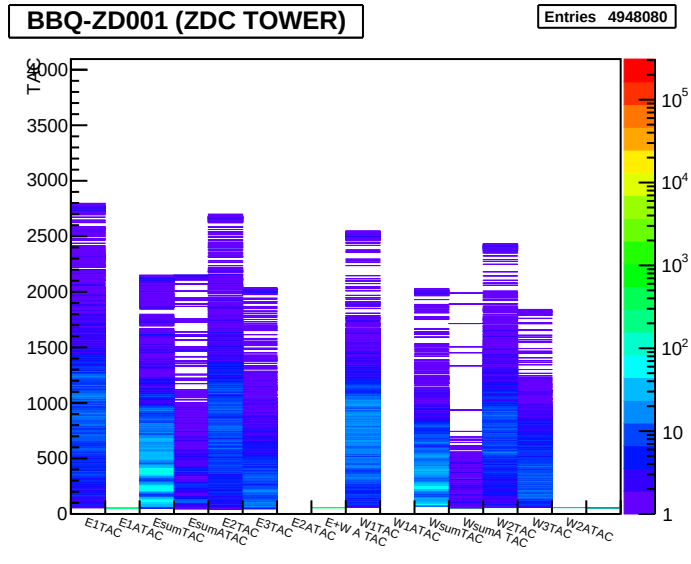

BBQ-BB001 (BBC east small tiles ADC)
Entries 4948080
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

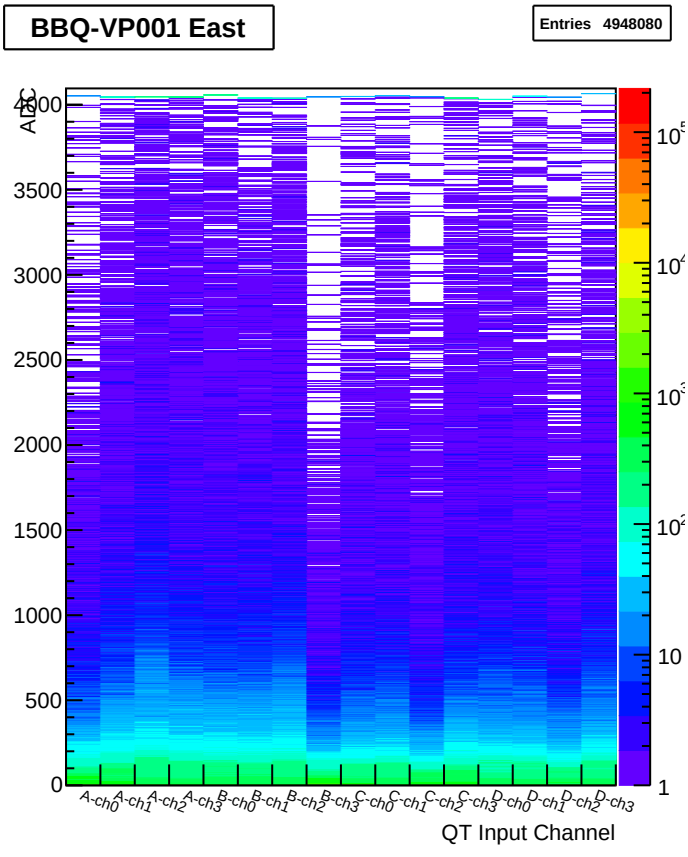

BBQ-BB001 (BBC east small tiles TAC)
Entries 4948080
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

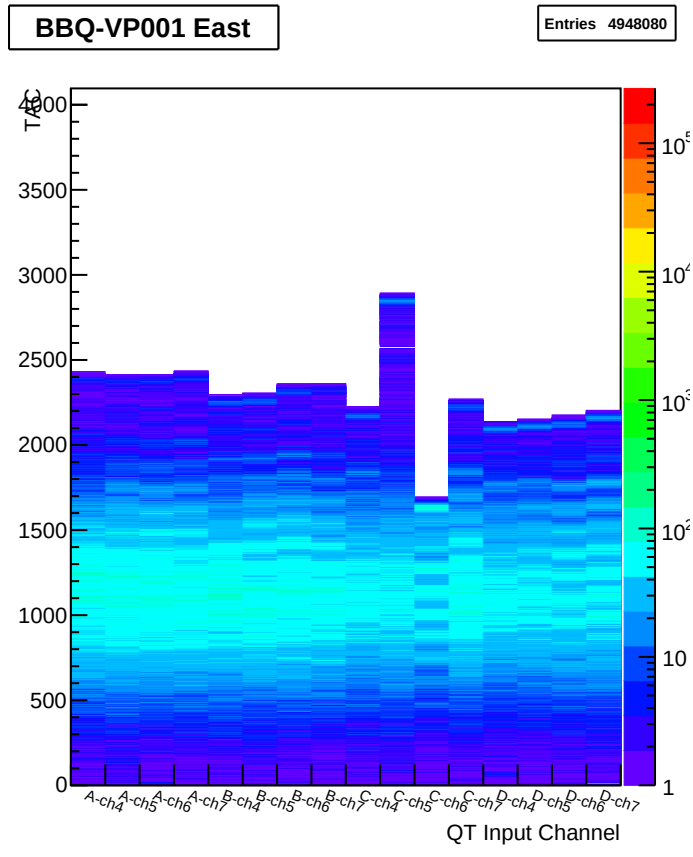

BBQ-BB002 (BBC west small tiles ADC)
Entries 4948080
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

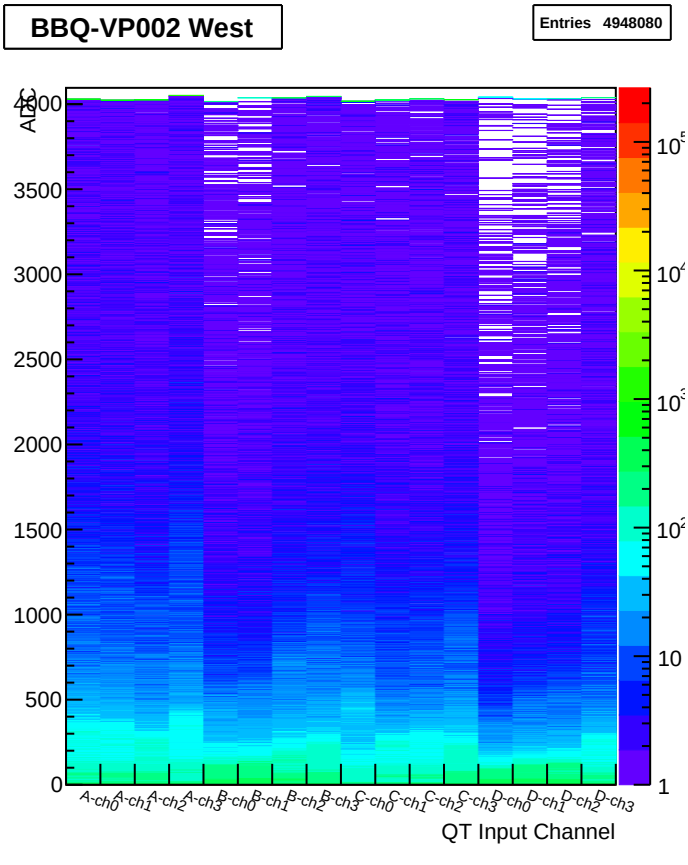

BBQ-BB002 (BBC west small tiles TAC)
Entries 4948080
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

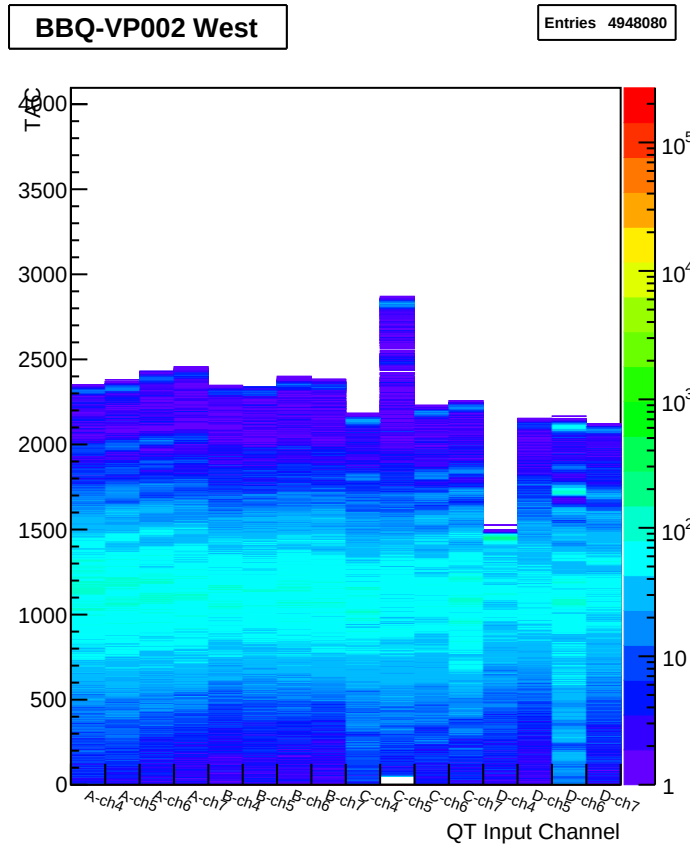

BBQ-ZD001 (ZDC TOWER)
Entries 4948080
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

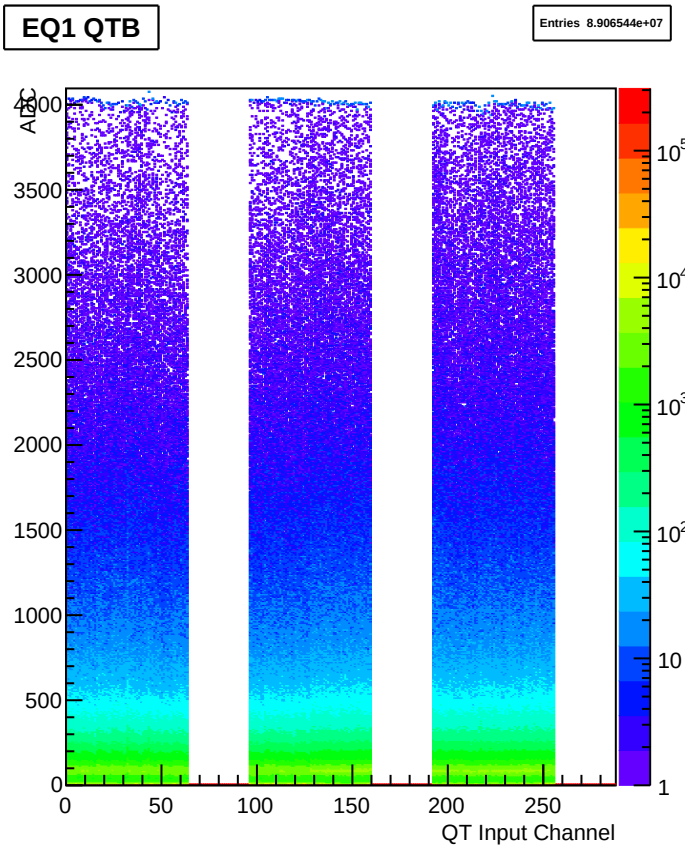

BBQ-ZD001 (ZDC TOWER)
Entries 4948080
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

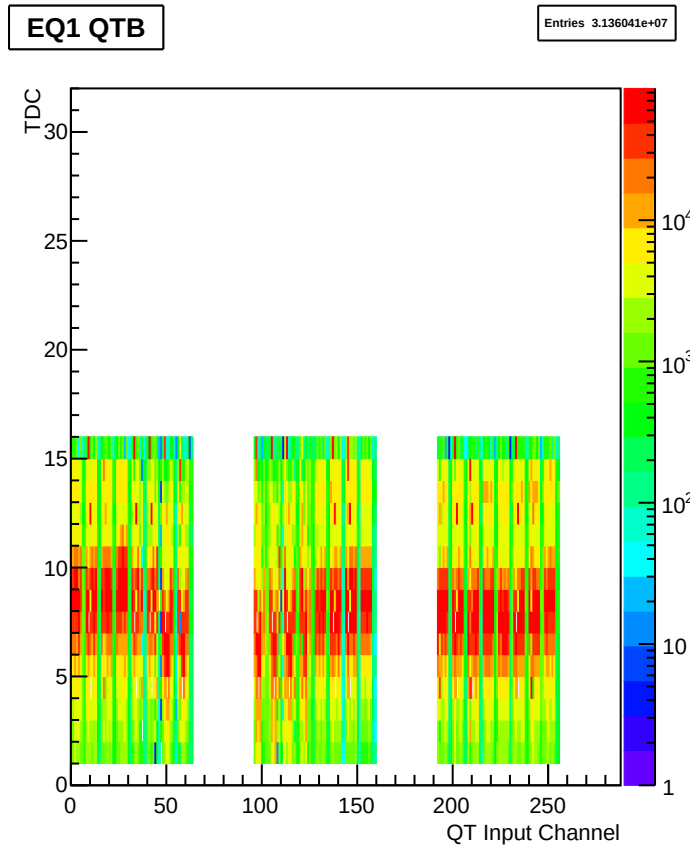

BBQ-VP001 East
Entries 4948080
ADC
QT Input Channel

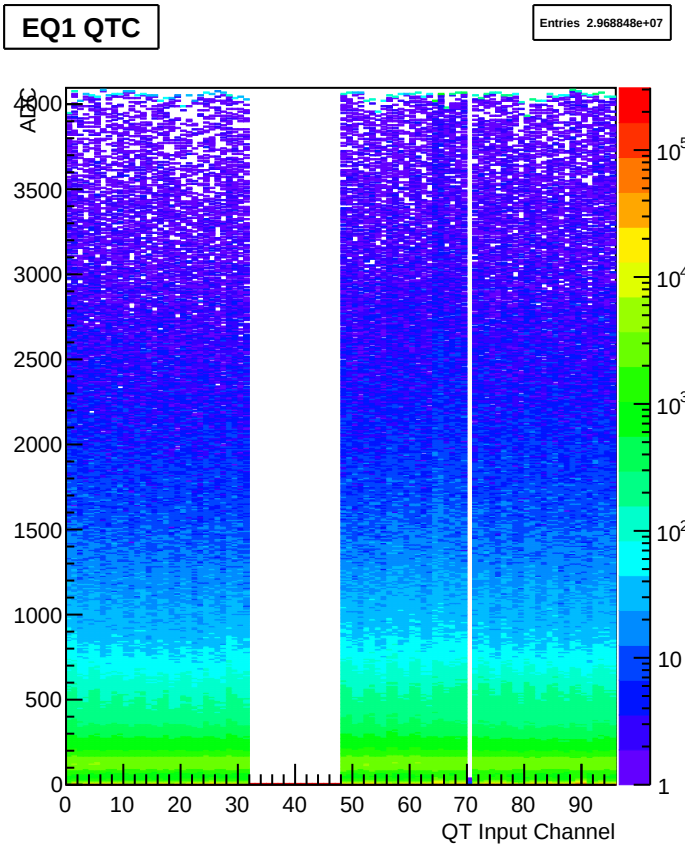

BBQ-VP001 East
Entries 4948080
TADC
QT Input Channel

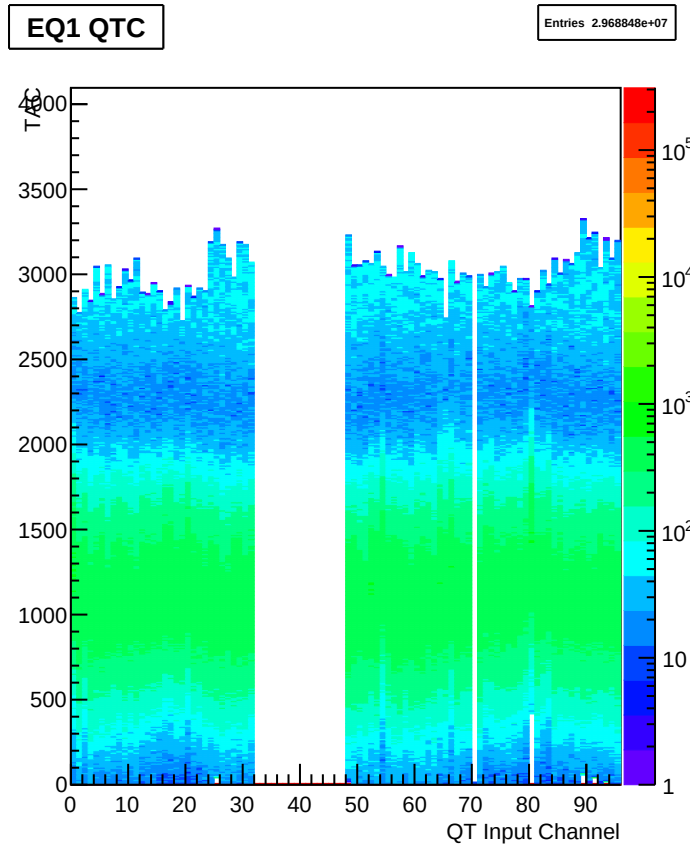

BBQ-VP002 West
Entries 4948080
ADC
QT Input Channel

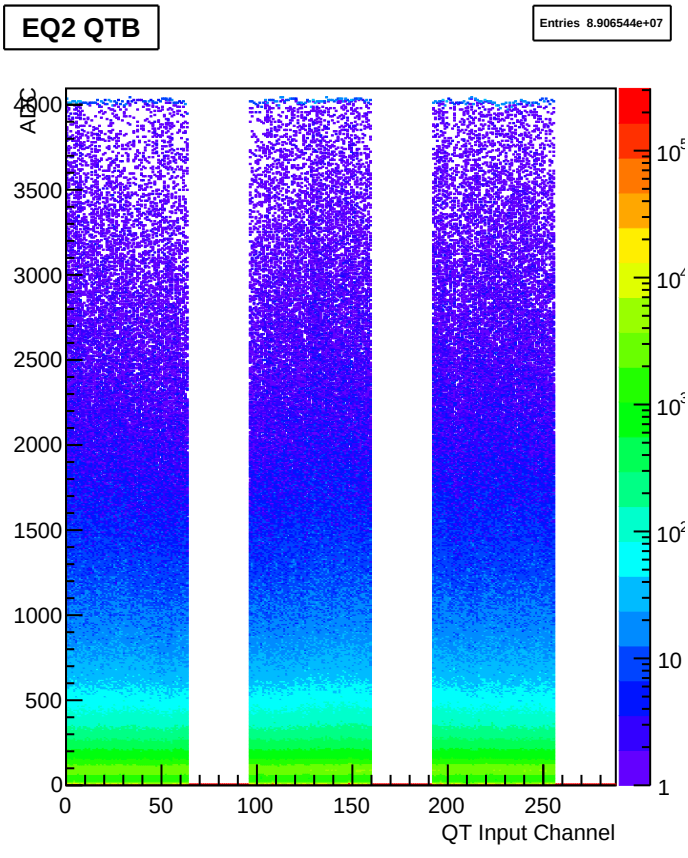

BBQ-VP002 West
Entries 4948080
TADC
QT Input Channel

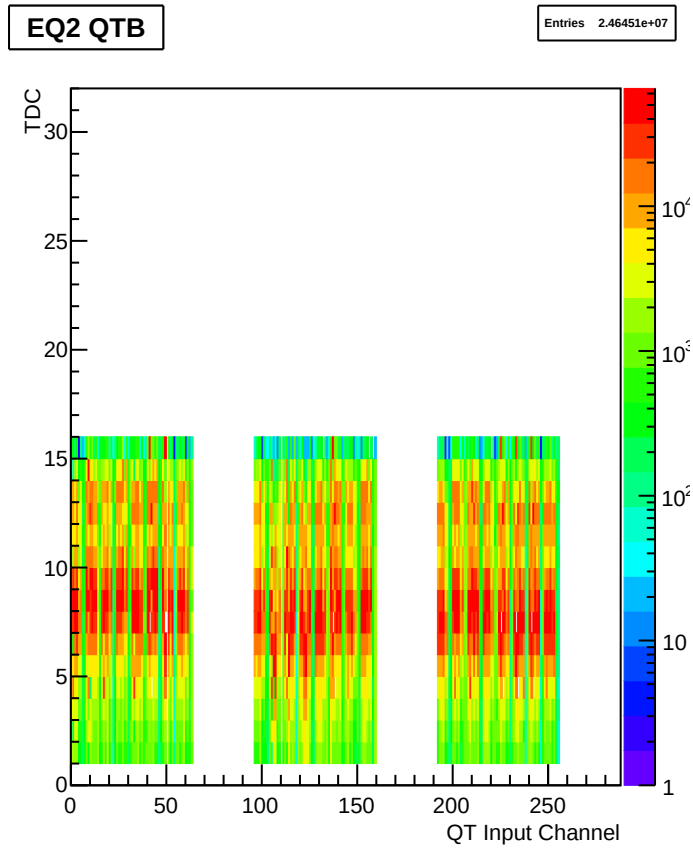

EQ1 QTB
Entries 8.906544e+07
ADC
QT Input Channel

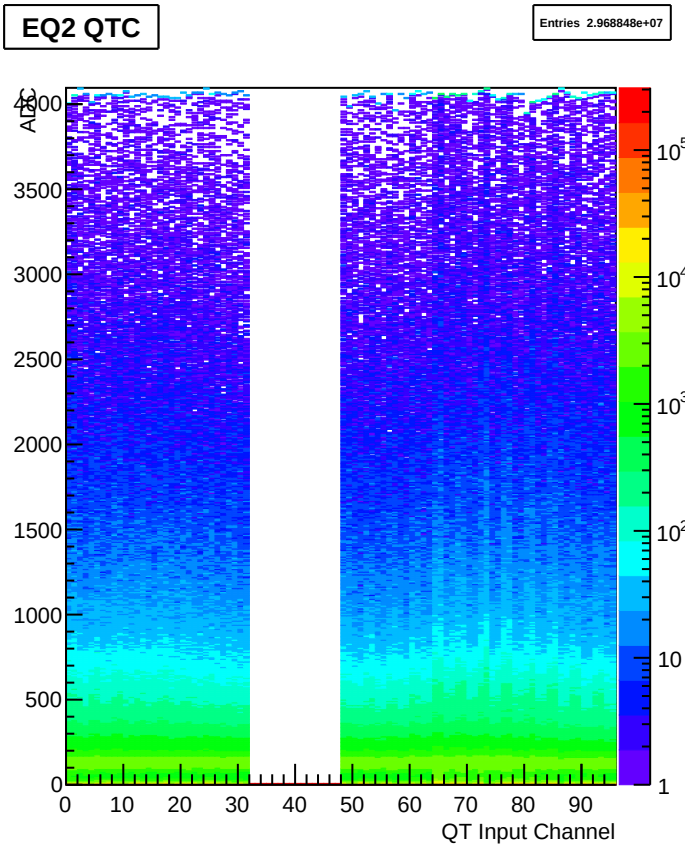

EQ1 QTB
Entries 3.136041e+07
TDC
QT Input Channel

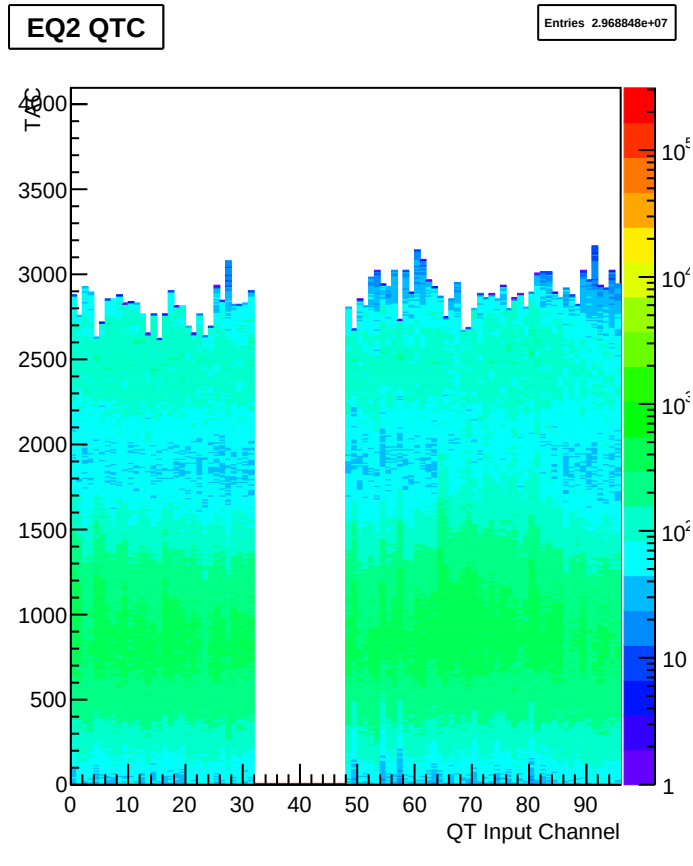

EQ1 QTC
Entries 2.968848e+07
ADC
QT Input Channel

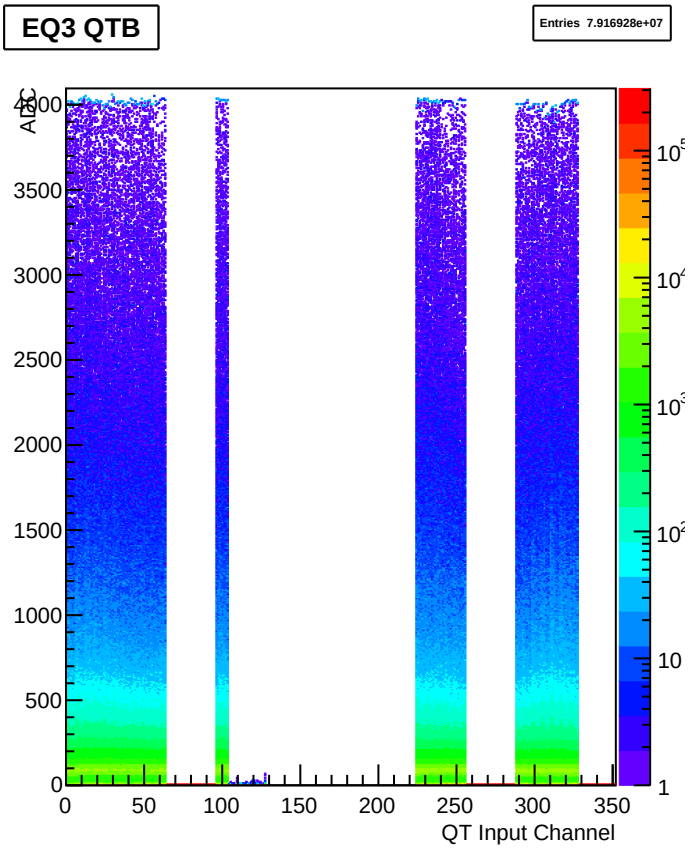

EQ1 QTC
Entries 2.968848e+07
TADC
QT Input Channel

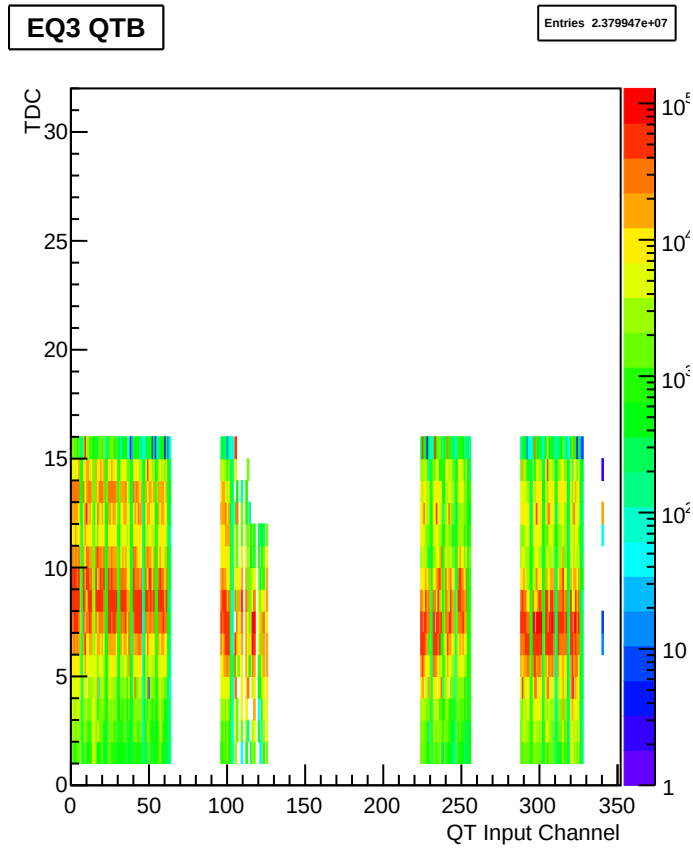

EQ2 QTB
Entries 8.906544e+07
ADC
QT Input Channel

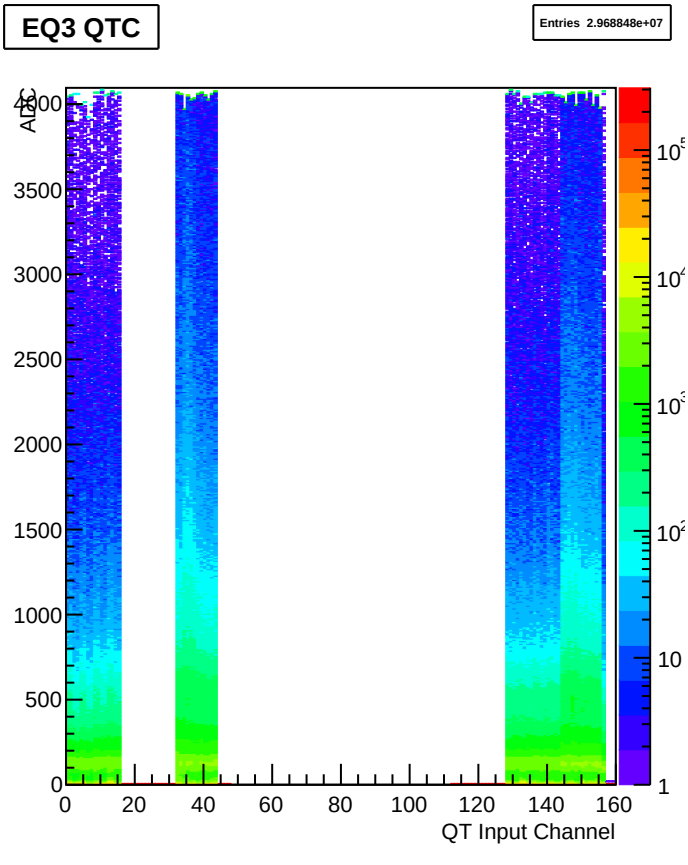

EQ2 QTB
Entries 2.46451e+07
TDC
QT Input Channel

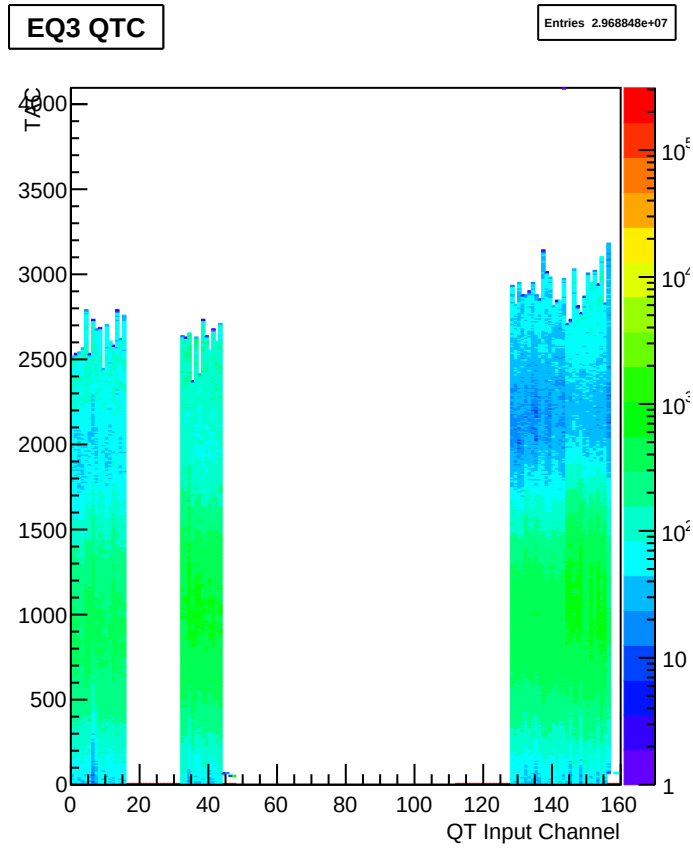

EQ2 QTC
Entries 2.968848e+07
ADC
QT Input Channel

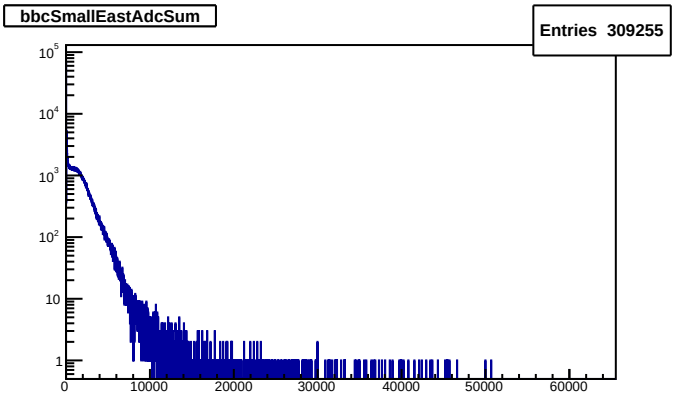

EQ2 QTC
Entries 2.968848e+07
TADC
QT Input Channel

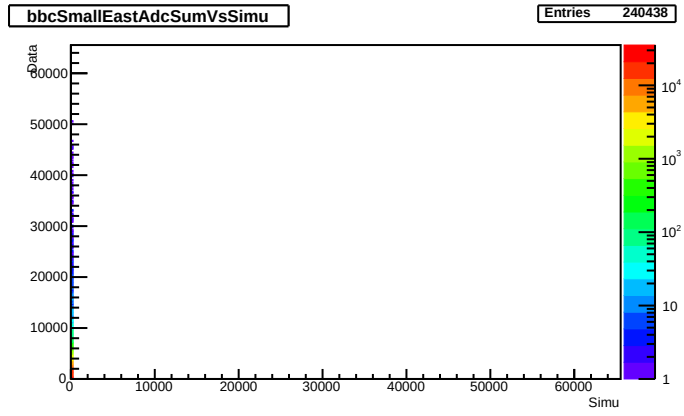

EQ3 QTB
Entries 7.916928e+07
ADC
QT Input Channel

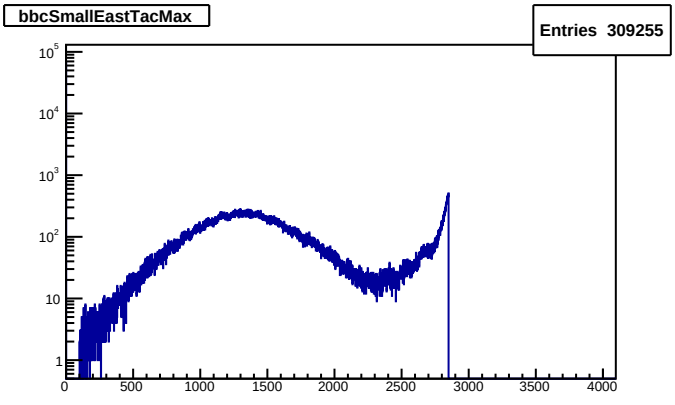

EQ3 QTB
Entries 2.379947e+07
TDC
QT Input Channel

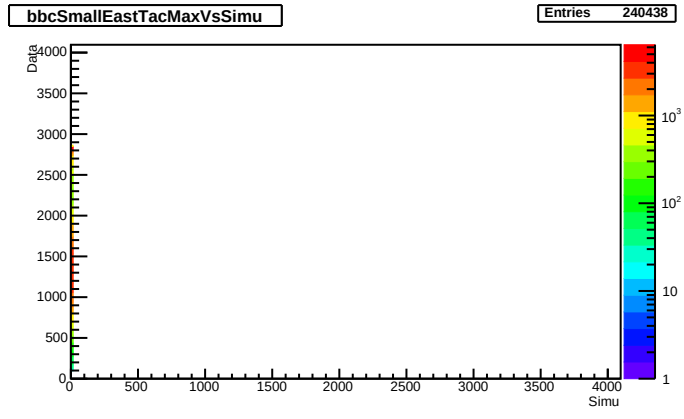

EQ3 QTC
Entries 2.968848e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.968848e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 309255


bbcSmallEastAdcSumVsSimu
Entries 240438
Data
Simu


bbcSmallEastTacMax
Entries 309255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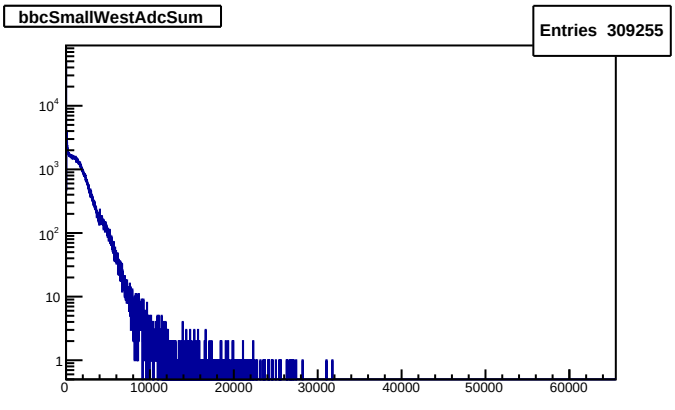
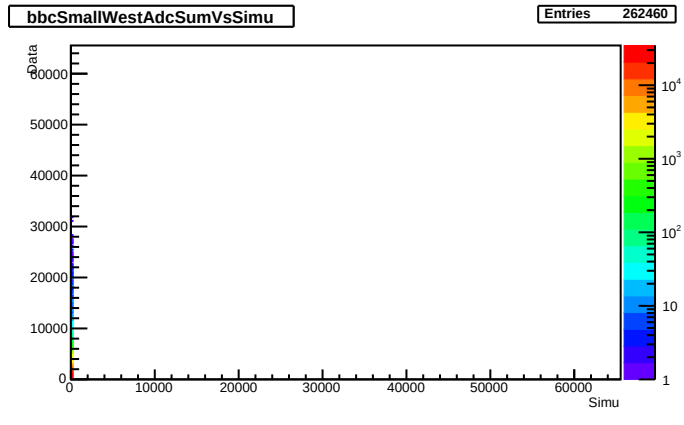
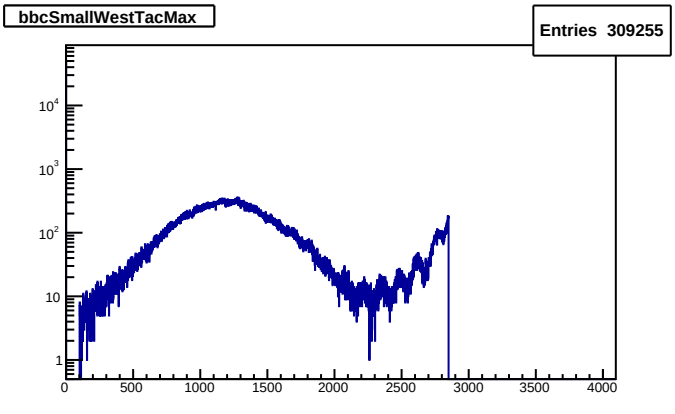
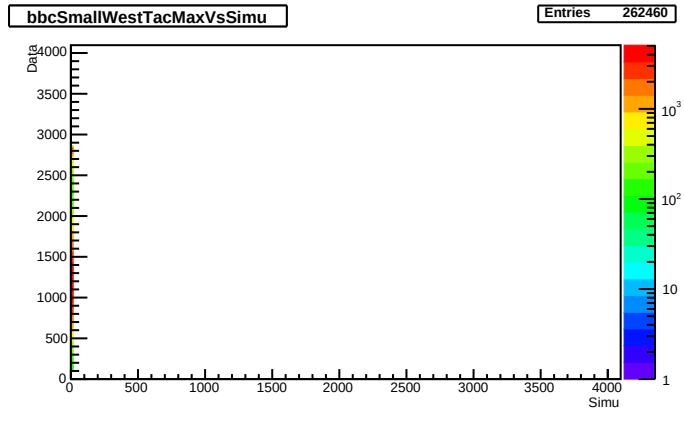
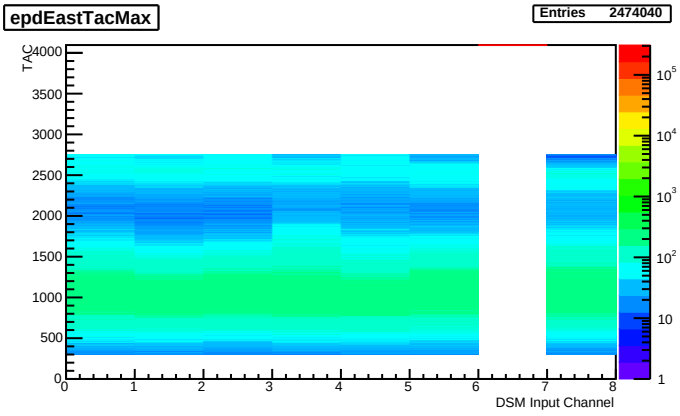
Entries 240438
Data
Simu

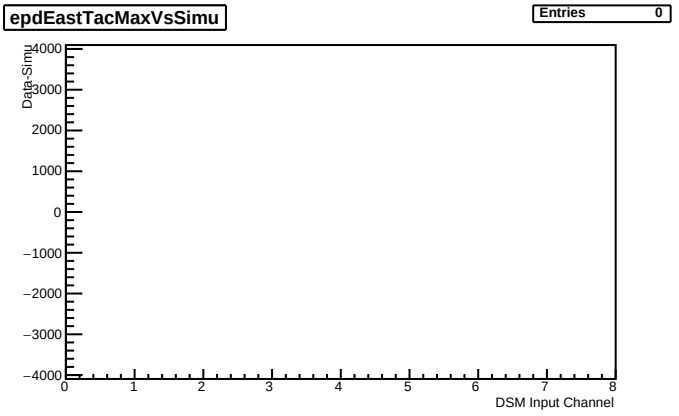

bbcSmallWestAdcSum
Entries 309255

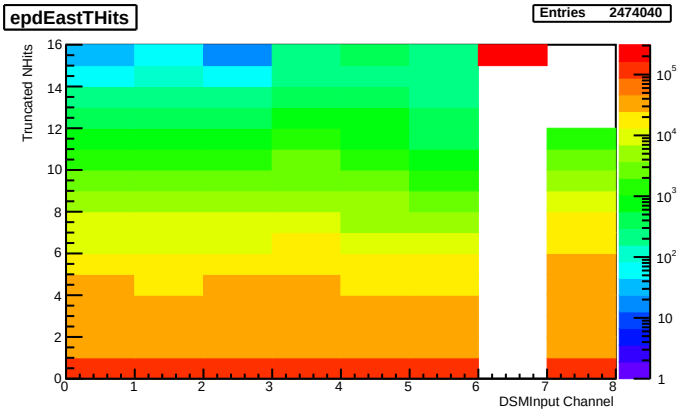

bbcSmallWestAdcSumVsSimu
Entries 262460
Data
Simu

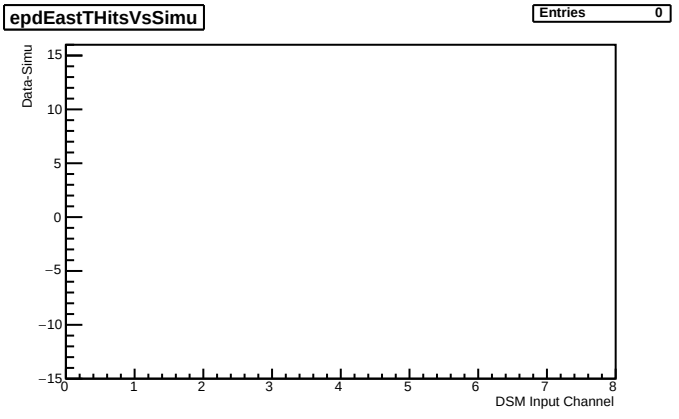

bbcSmallWestTacMax
Entries 309255

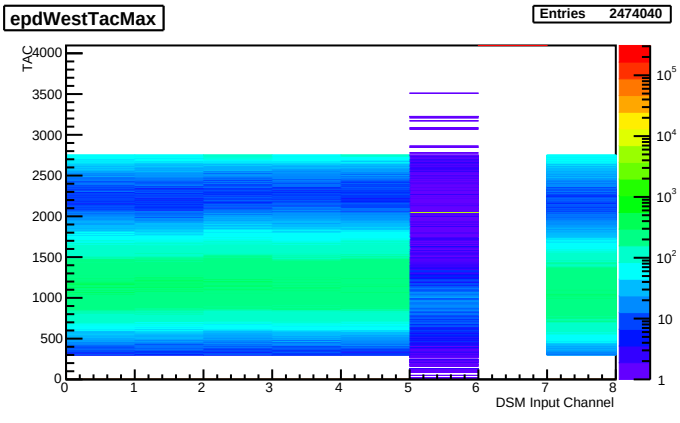

bbcSmallWestTacMaxVsSimu
Entries 262460
Data
Simu

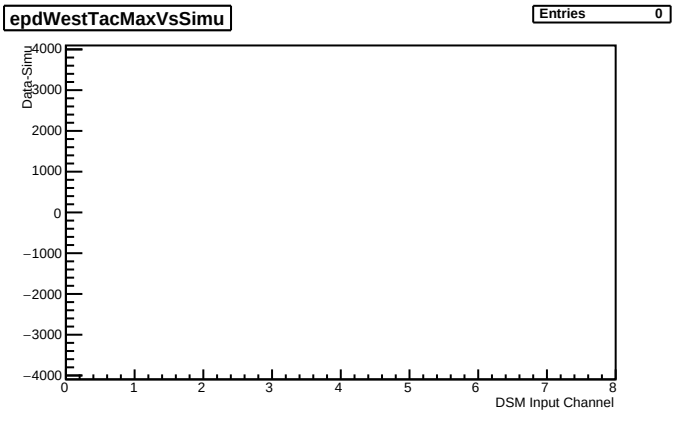

epdEastTacMax
Entries 2474040
TAC
DSM Input Channel

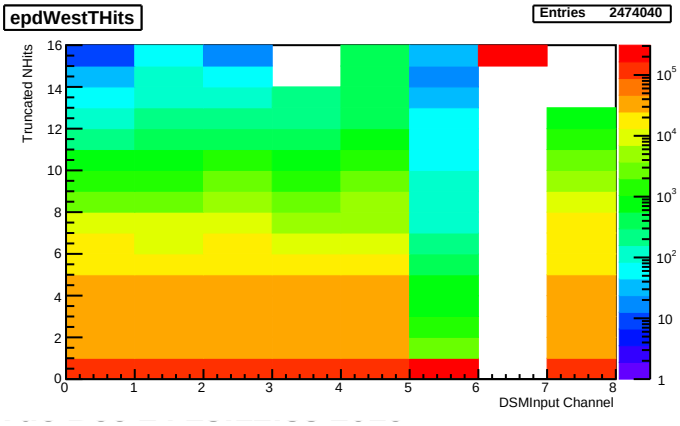

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

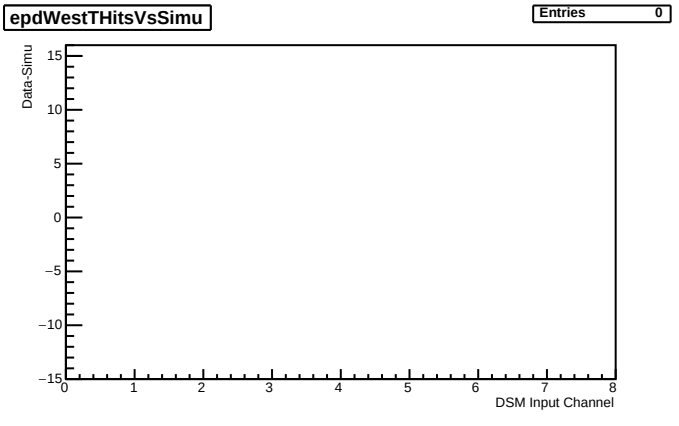

epdEastTHits
Entries 2474040
Truncated NHits
DSMInput Channel

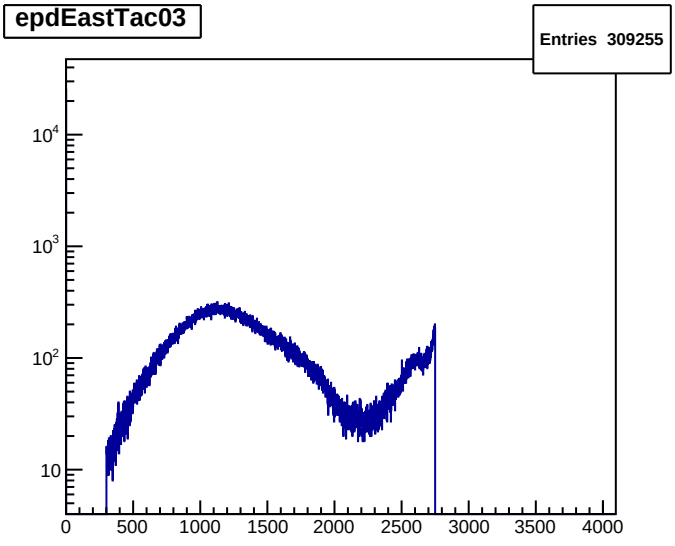

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

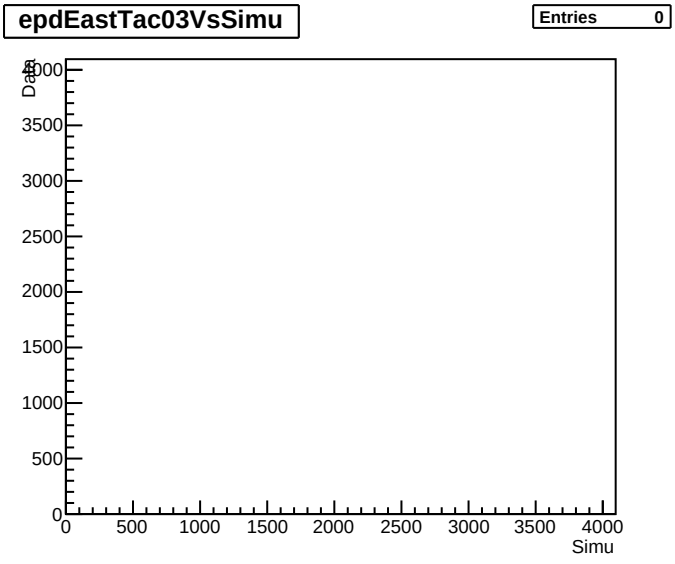

epdWestTacMax
Entries 2474040
TAC
DSM Input Channel

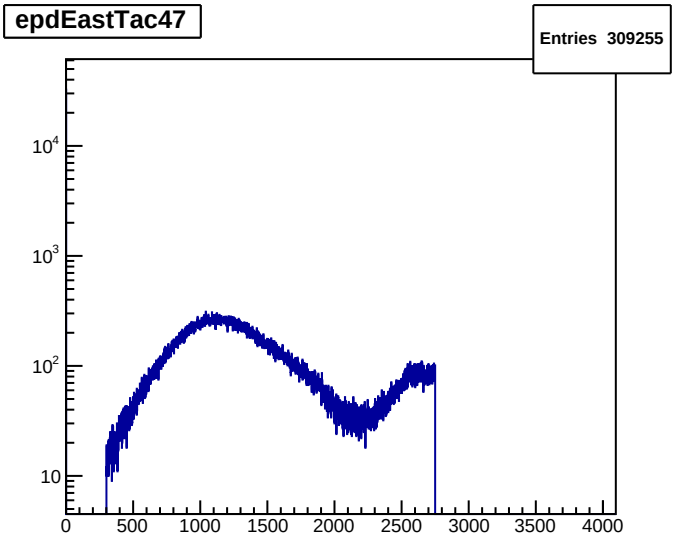

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

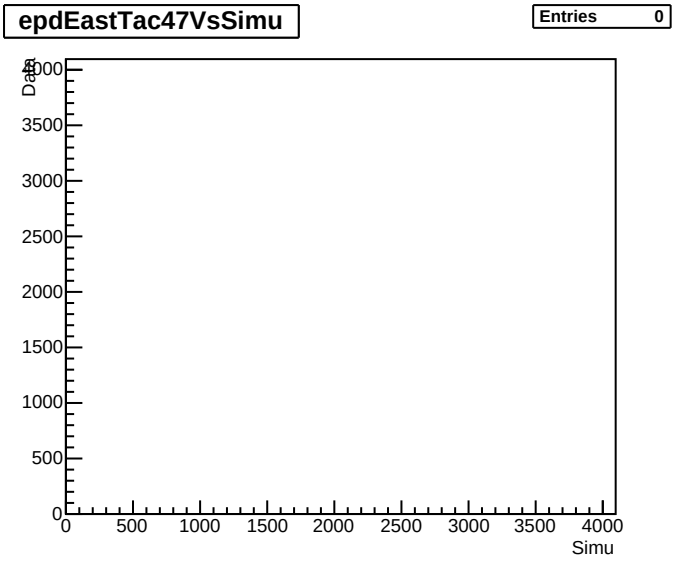

epdWestTHits
Entries 2474040
Truncated NHits
DSMInput Channel

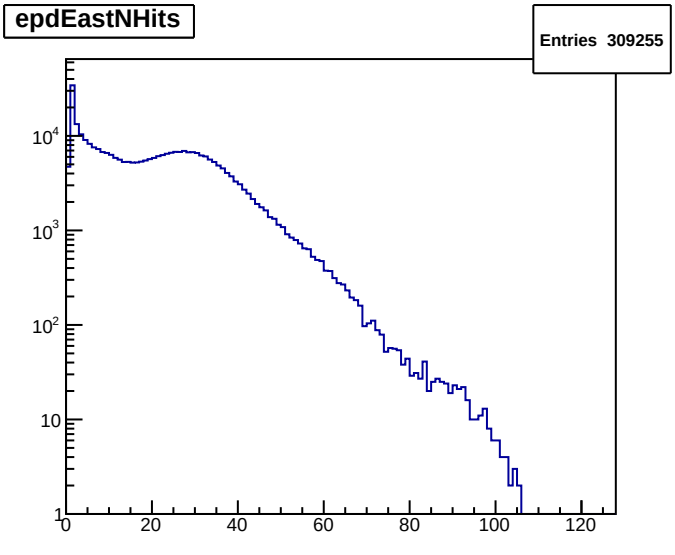

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

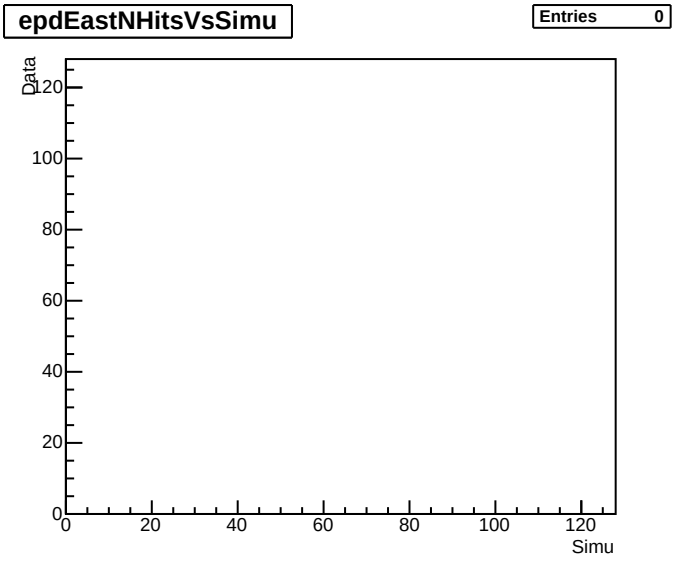

epdEastTac03
Entries 309255


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 309255


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 309255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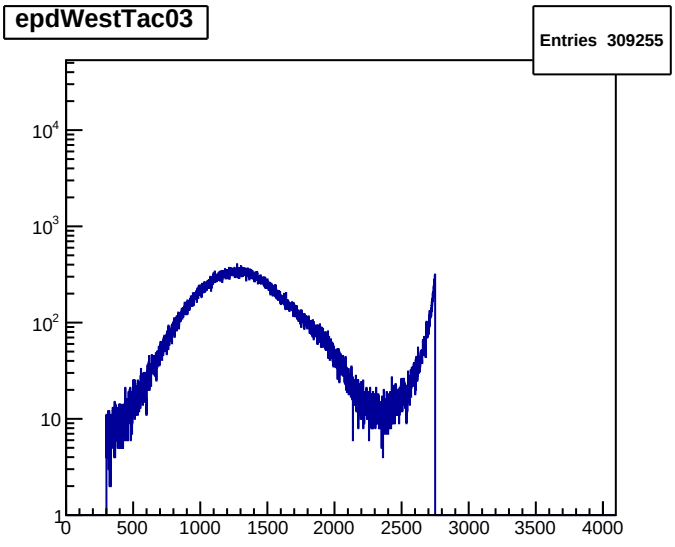
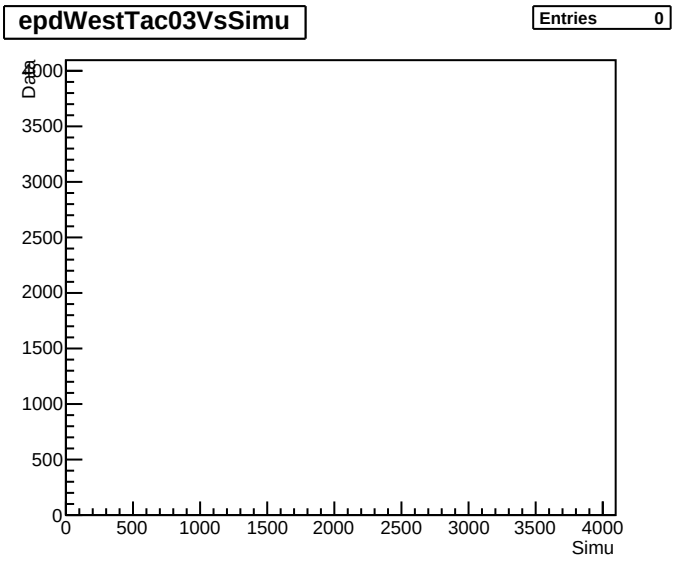
Entries 0
Data
Simu


epdWestTac03
Entries 309255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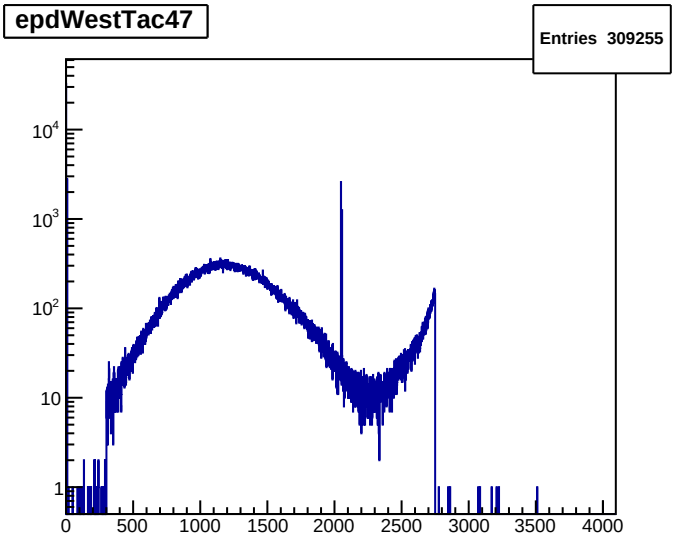
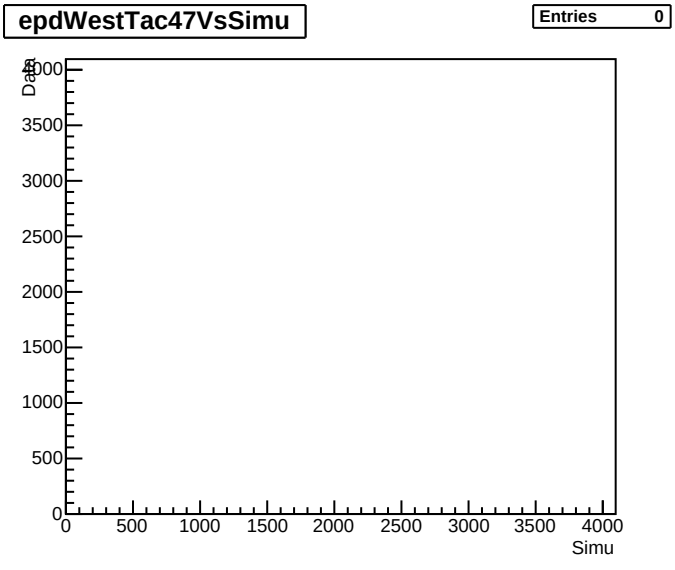
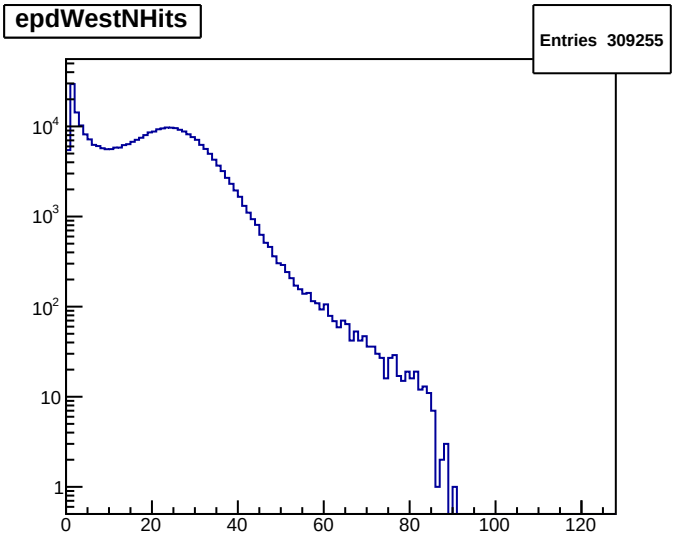
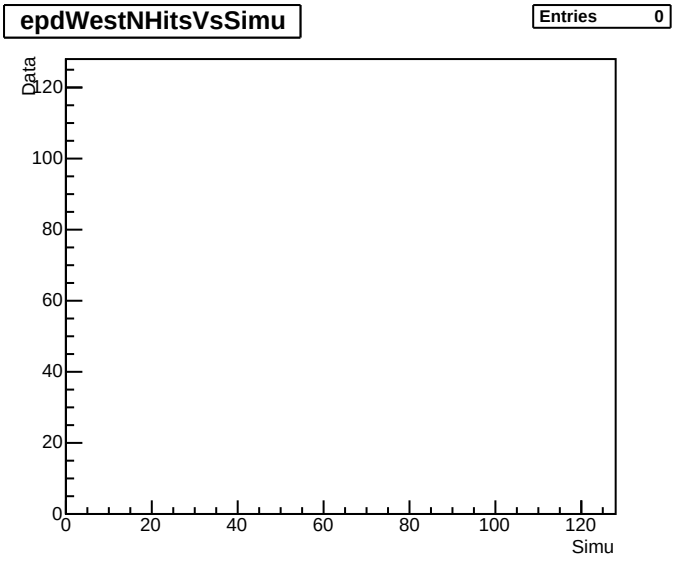
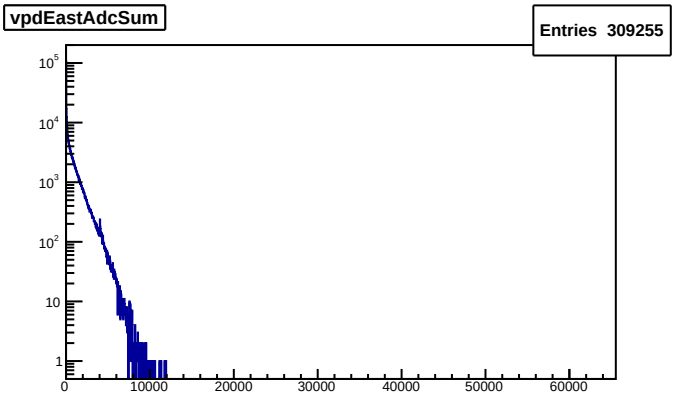
Entries 0
Data
Simu

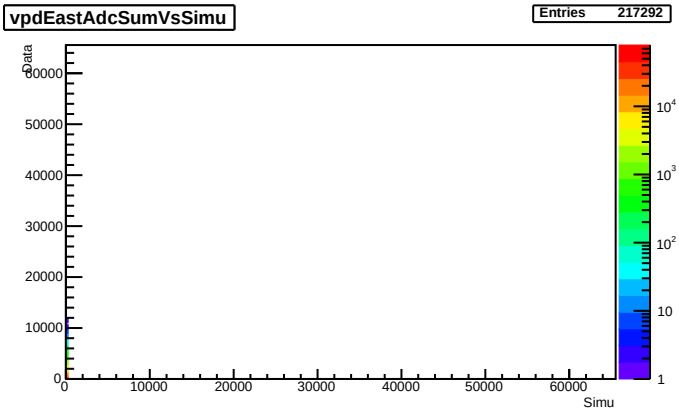

epdWestTac47
Entries 309255

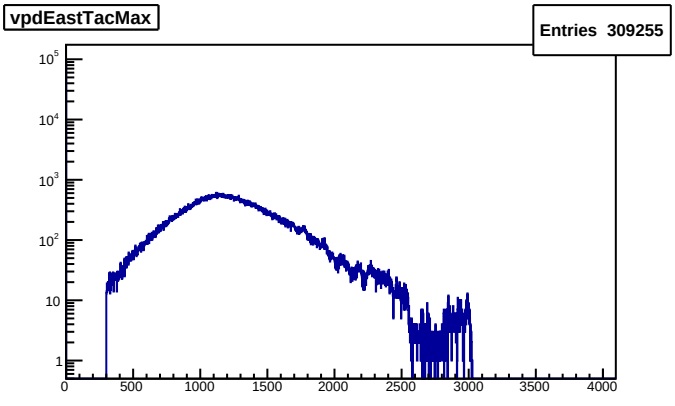

epdWestTac47VsSimu
Entries 0
Data
Simu

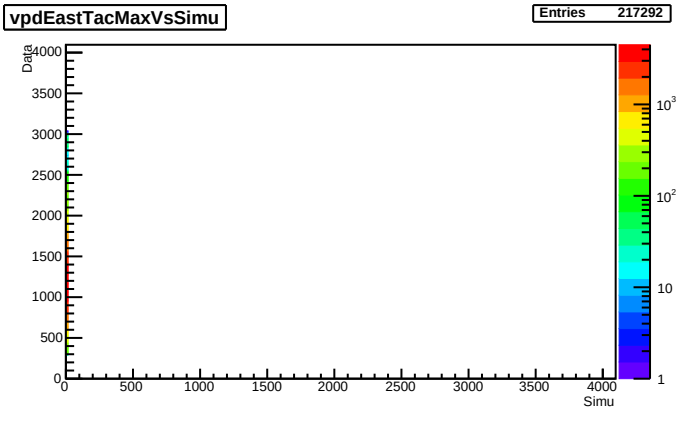

epdWestNHits
Entries 309255

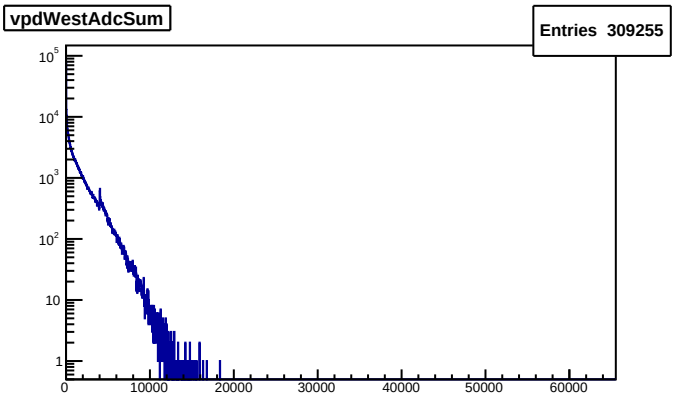

epdWestNHitsVsSimu
Entries 0
Data
Simu

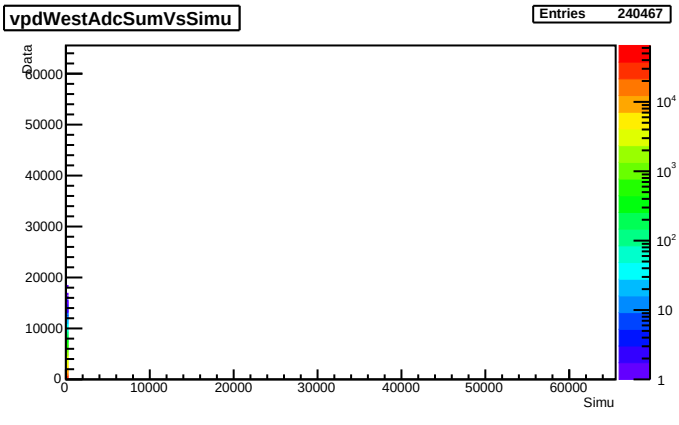

vpdEastAdcSum
Entries 309255

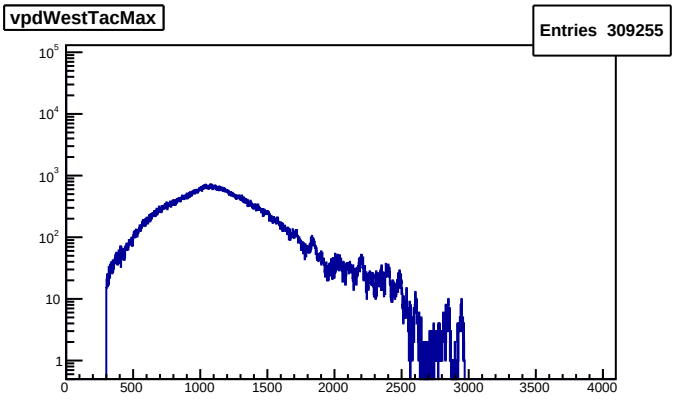

vpdEastAdcSumVsSimu
Entries 217292
Data
Simu

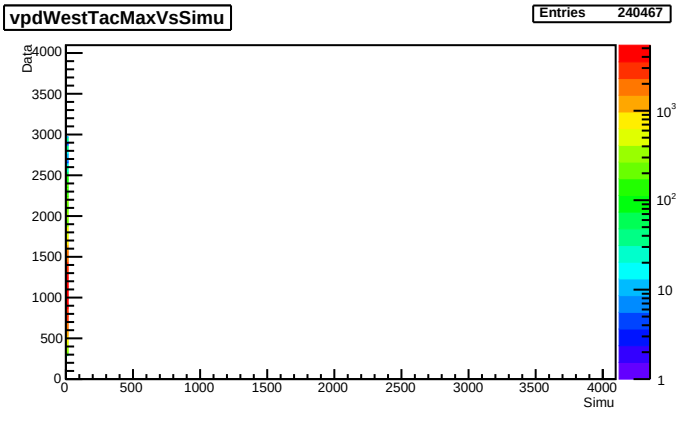

vpdEastTacMax
Entries 309255

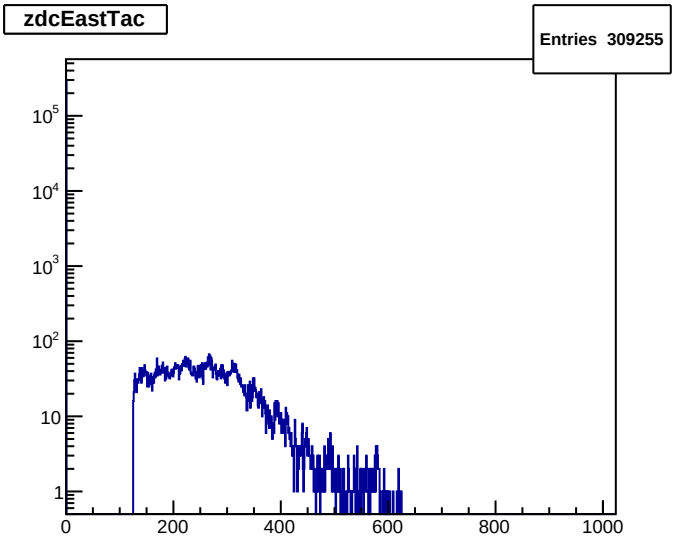

vpdEastTacMaxVsSimu
Entries 217292
Data
Simu

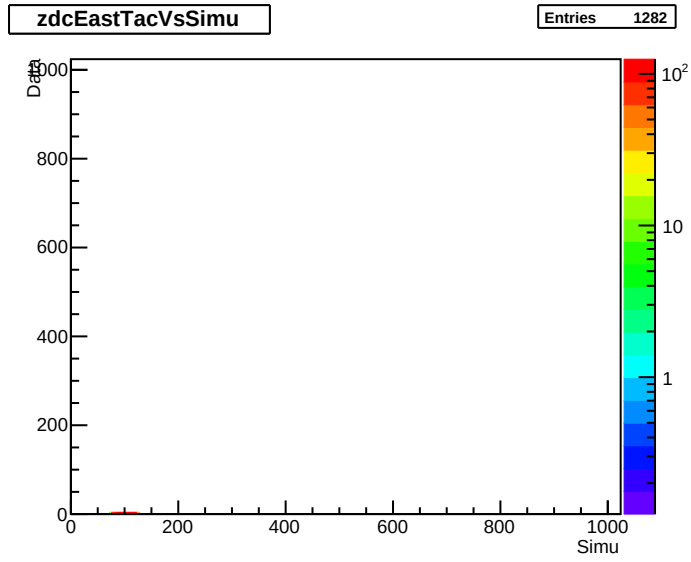

vpdWestAdcSum
Entries 309255

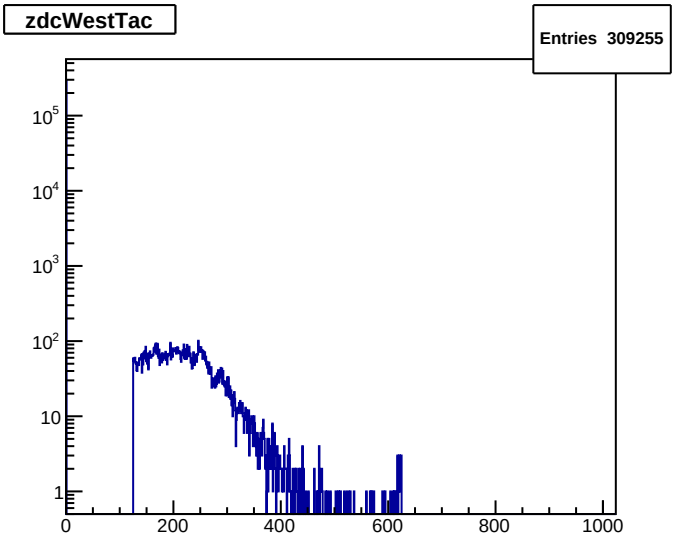

vpdWestAdcSumVsSimu
Entries 240467
Data
Simu

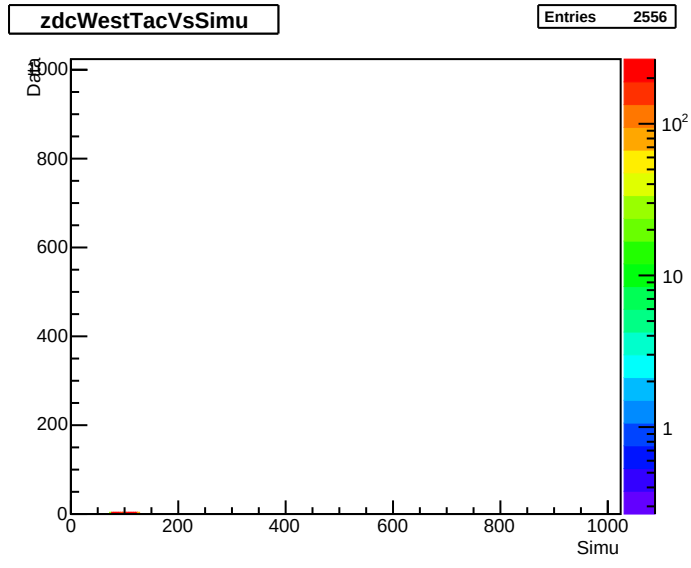

vpdWestTacMax
Entries 309255

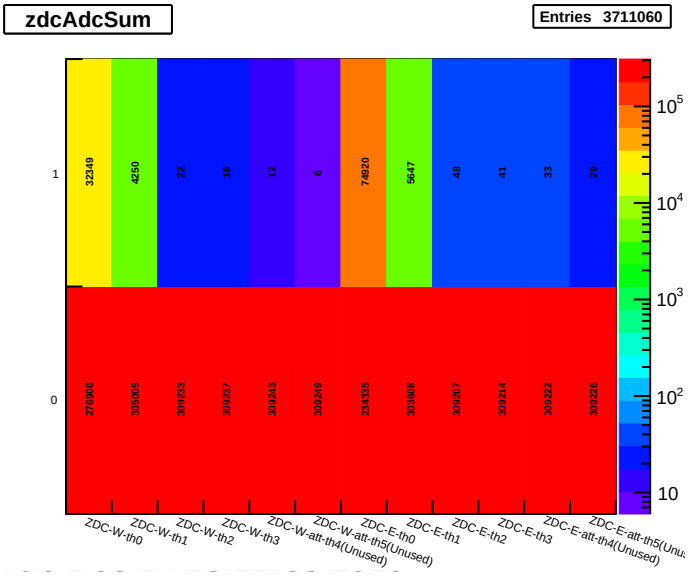

vpdWestTacMaxVsSimu
Entries 240467
Data
Simu

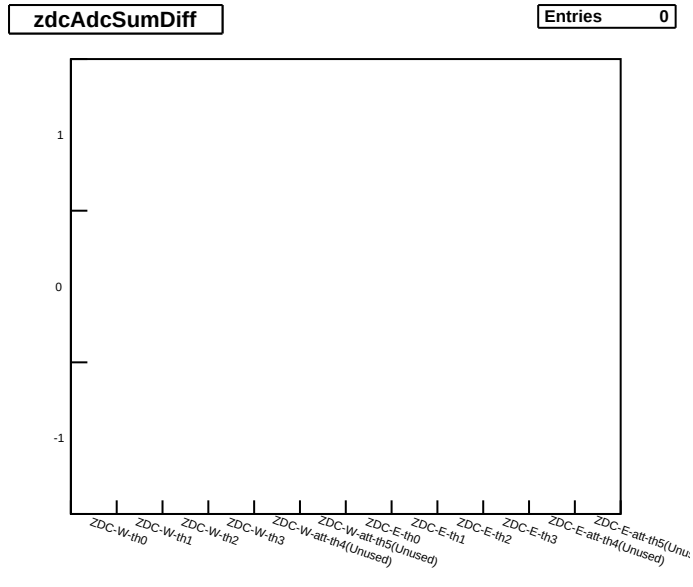

zdcEastTac
Entries 309255

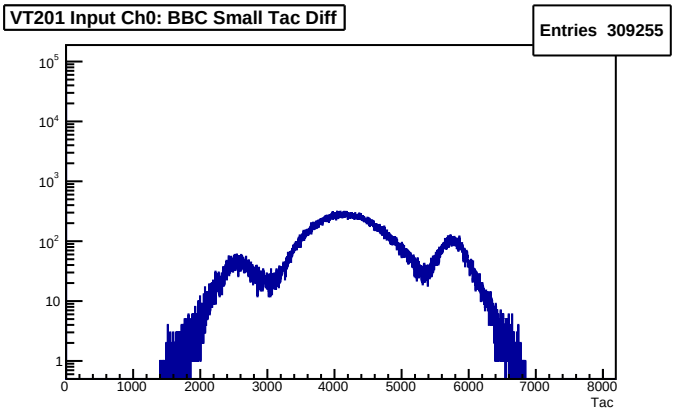

zdcEastTacVsSimu
Entries 1282
Data
Simu

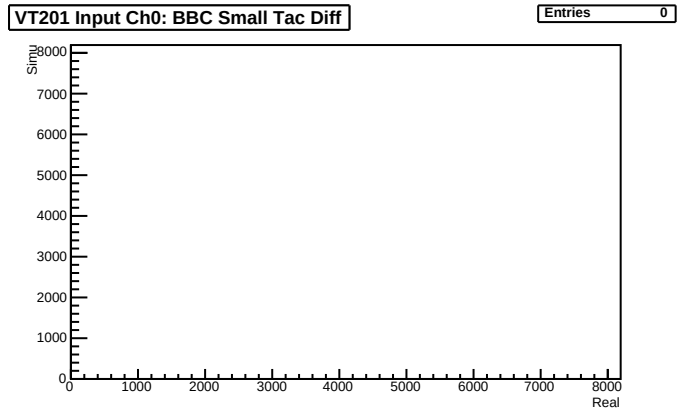

zdcWestTac
Entries 309255

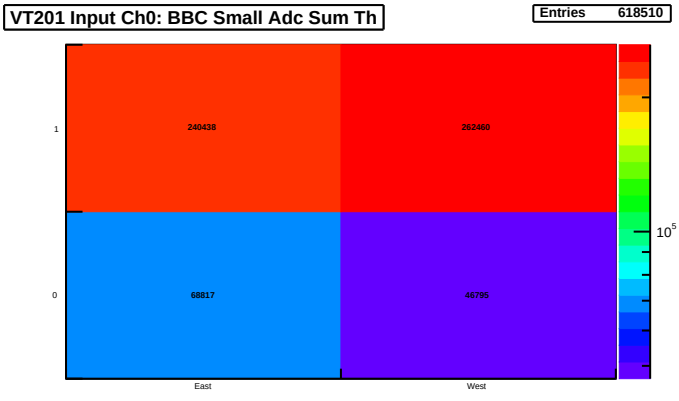

zdcWestTacVsSimu
Entries 2556
Data
Simu

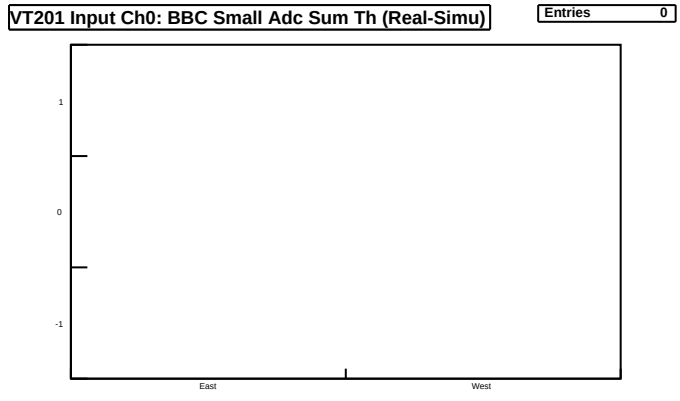

zdcAdcSum
Entries 3711060
32349
4250
22
18
12
6
74920
5647
48
41
33
29
276906
305005
309233
309237
309243
309249
234335
303608
309207
309214
309222
309226
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

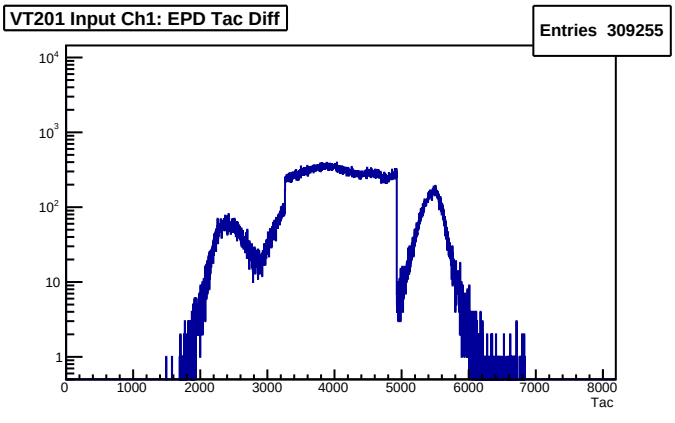

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

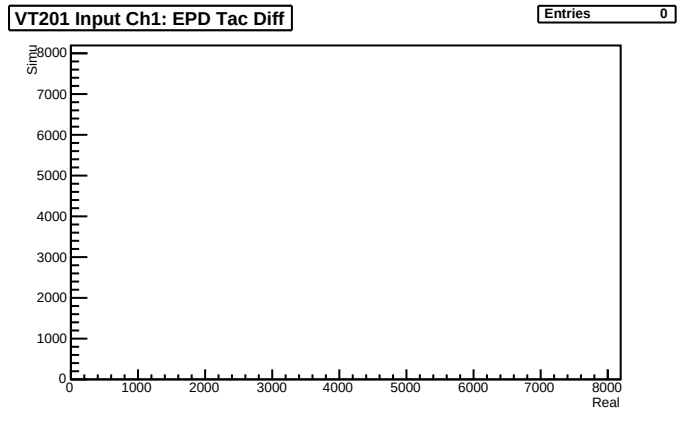

VT201 Input Ch0: BBC Small Tac Diff
Entries 309255
Tac

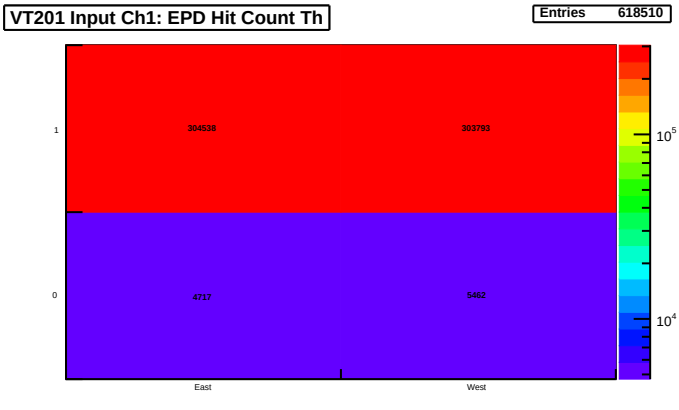

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

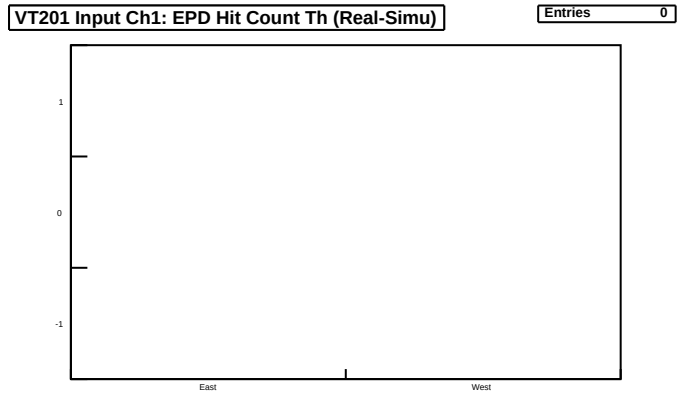

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 618510
240438
262460
68817
46795
East
West

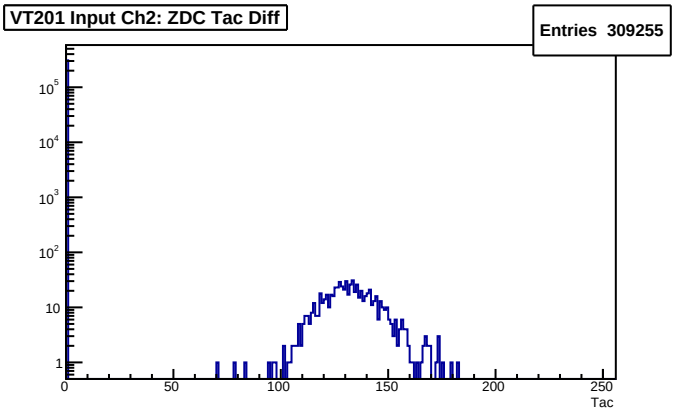

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

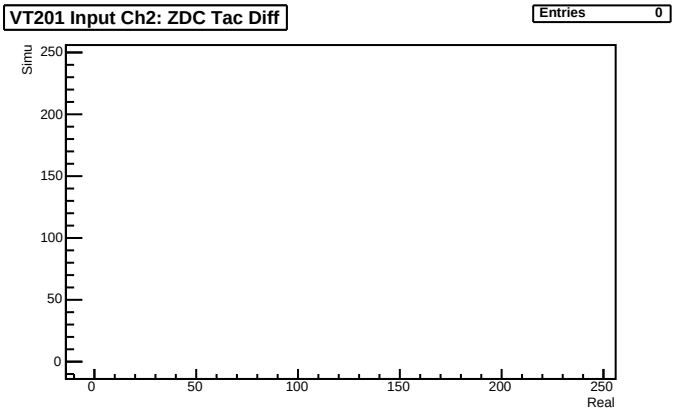

VT201 Input Ch1: EPD Tac Diff
Entries 309255
Tac

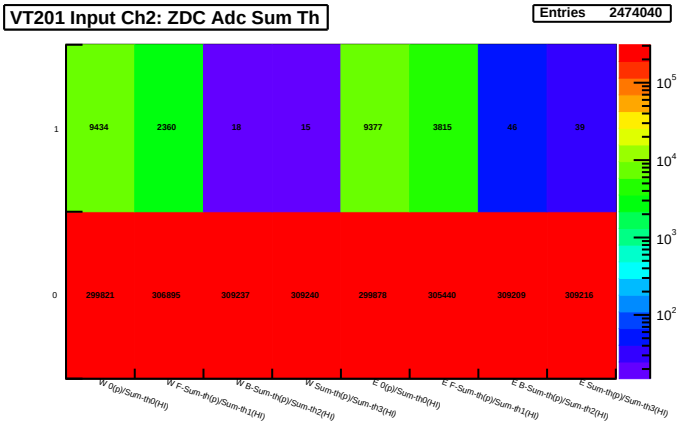

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

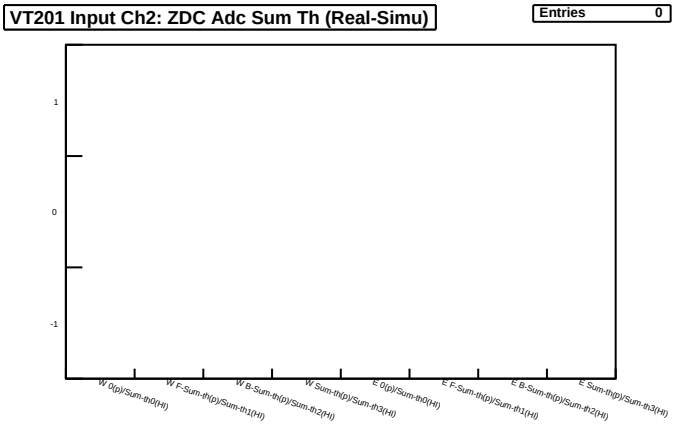

VT201 Input Ch1: EPD Hit Count Th
Entries 618510
304538
303793
4717
5462
East
West

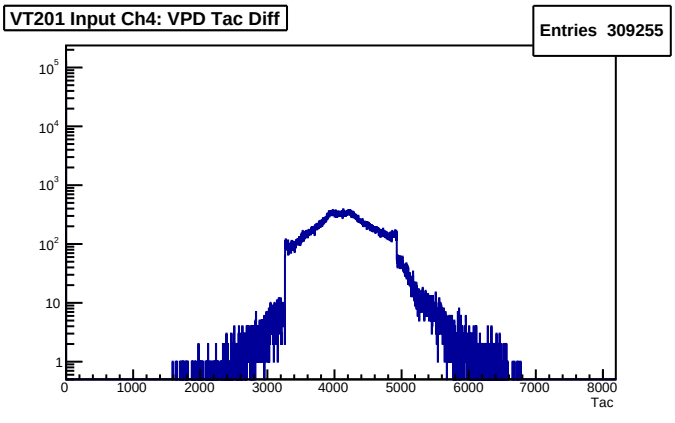

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

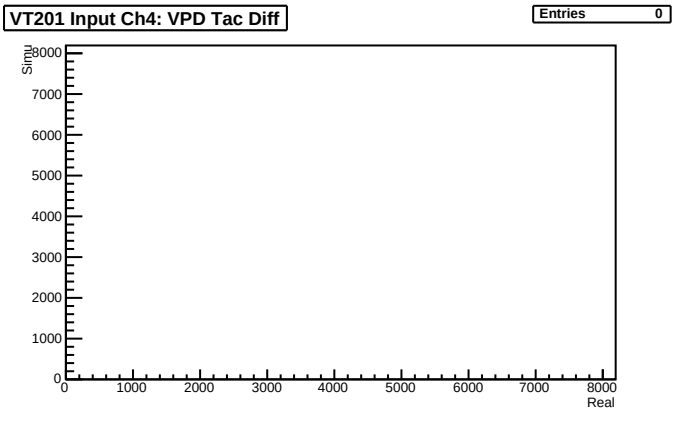

VT201 Input Ch2: ZDC Tac Diff
Entries 309255
Tac

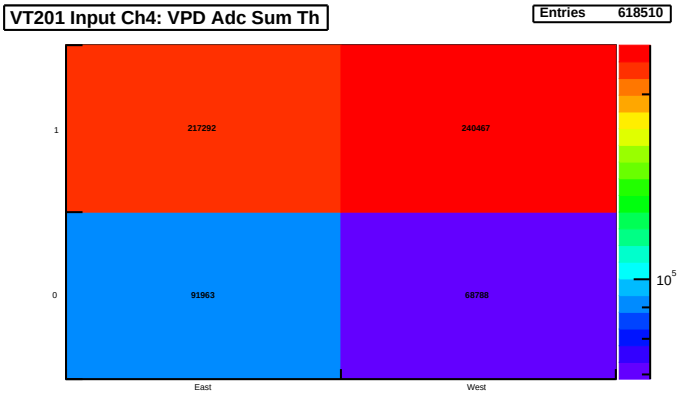

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

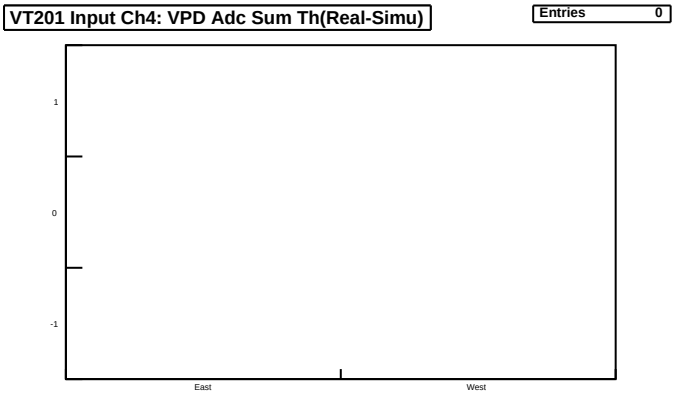

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2474040
9434
2360
18
15
9377
3815
46
39
299821
306895
309237
309240
299878
305440
309209
309216
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

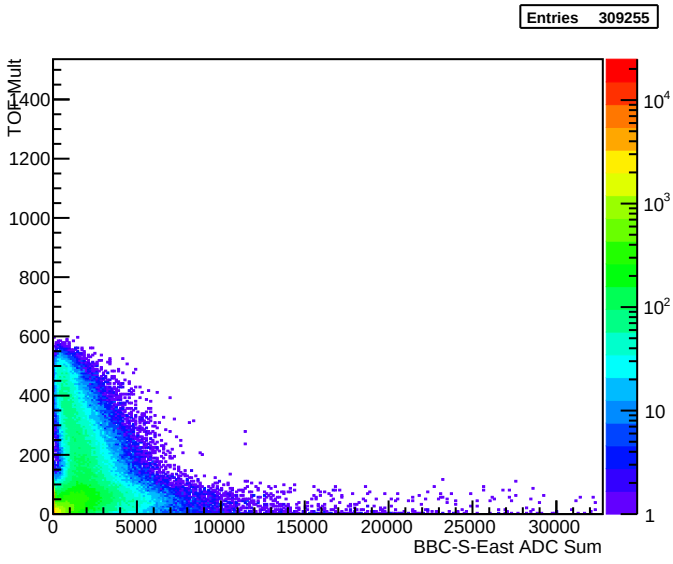

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

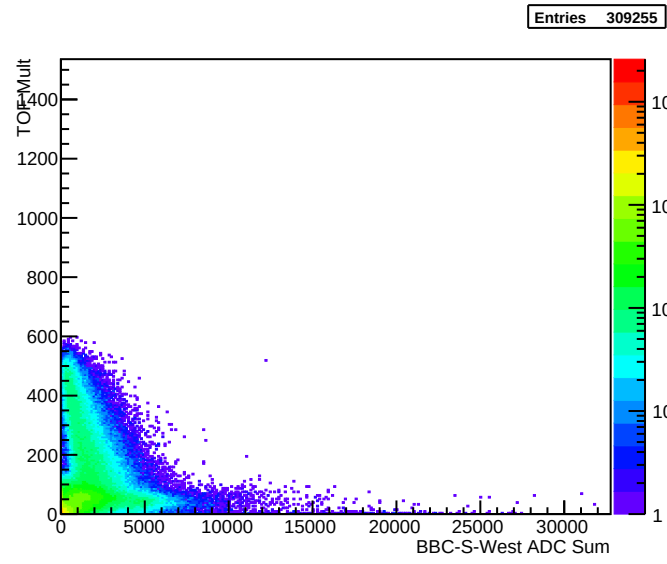

VT201 Input Ch4: VPD Tac Diff
Entries 309255
Tac

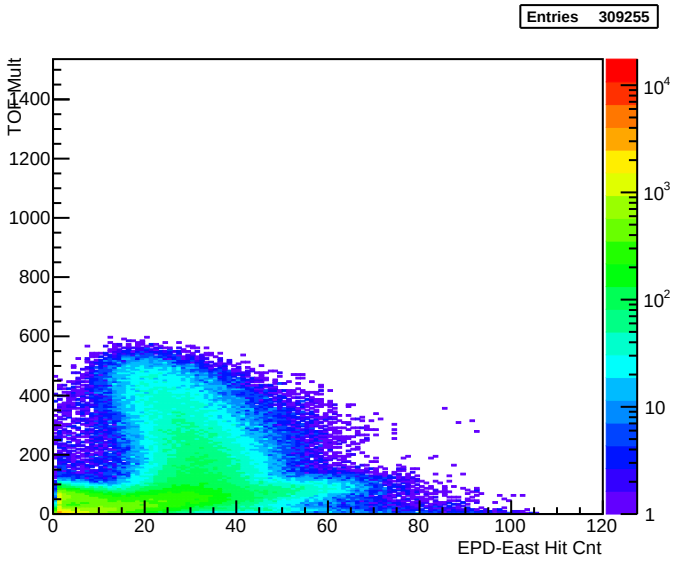

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

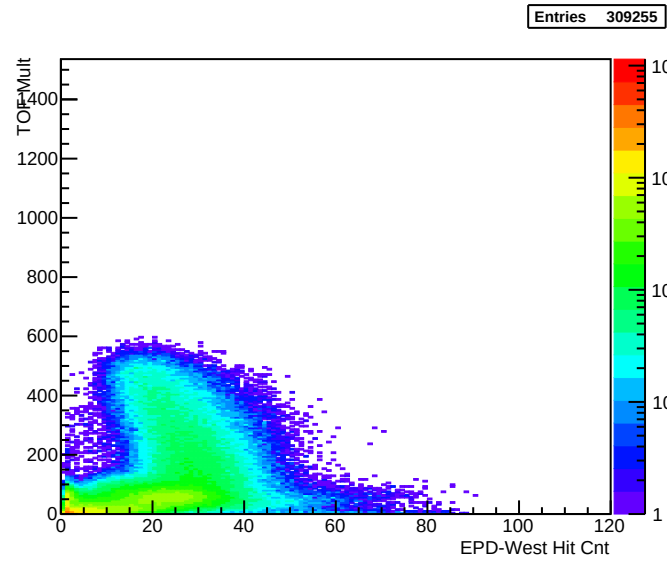

VT201 Input Ch4: VPD Adc Sum Th
Entries 618510
217292
240467
91963
68788
East
West

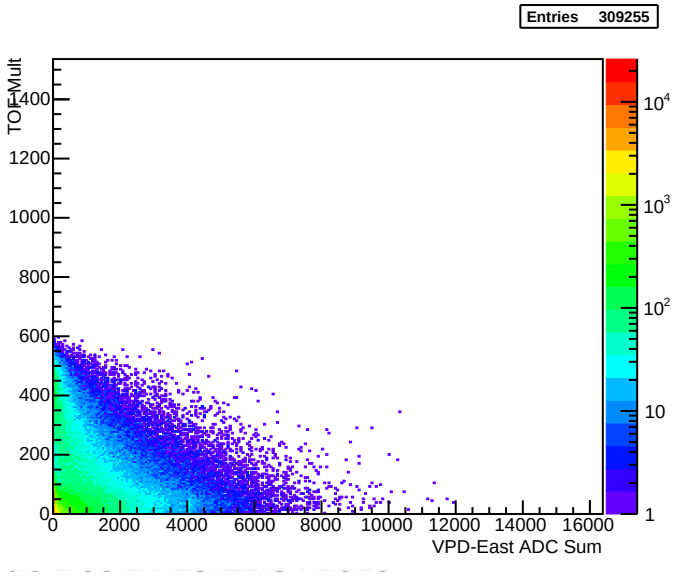

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

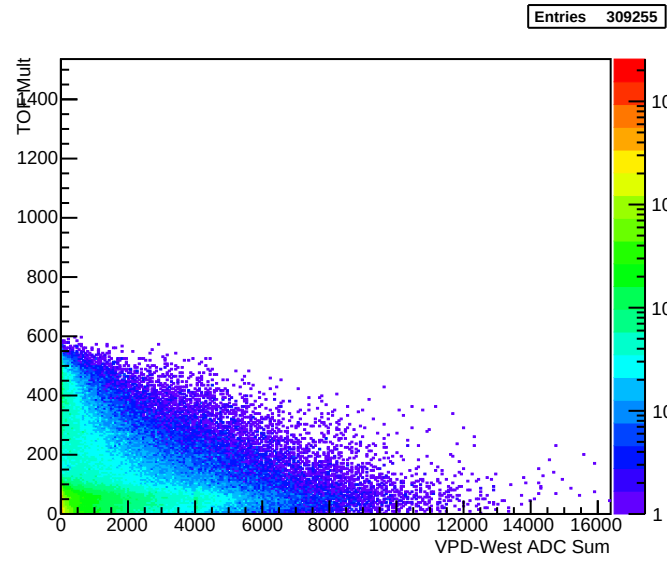

Entries 309255
TOF-Mult
BBC-S-East ADC Sum

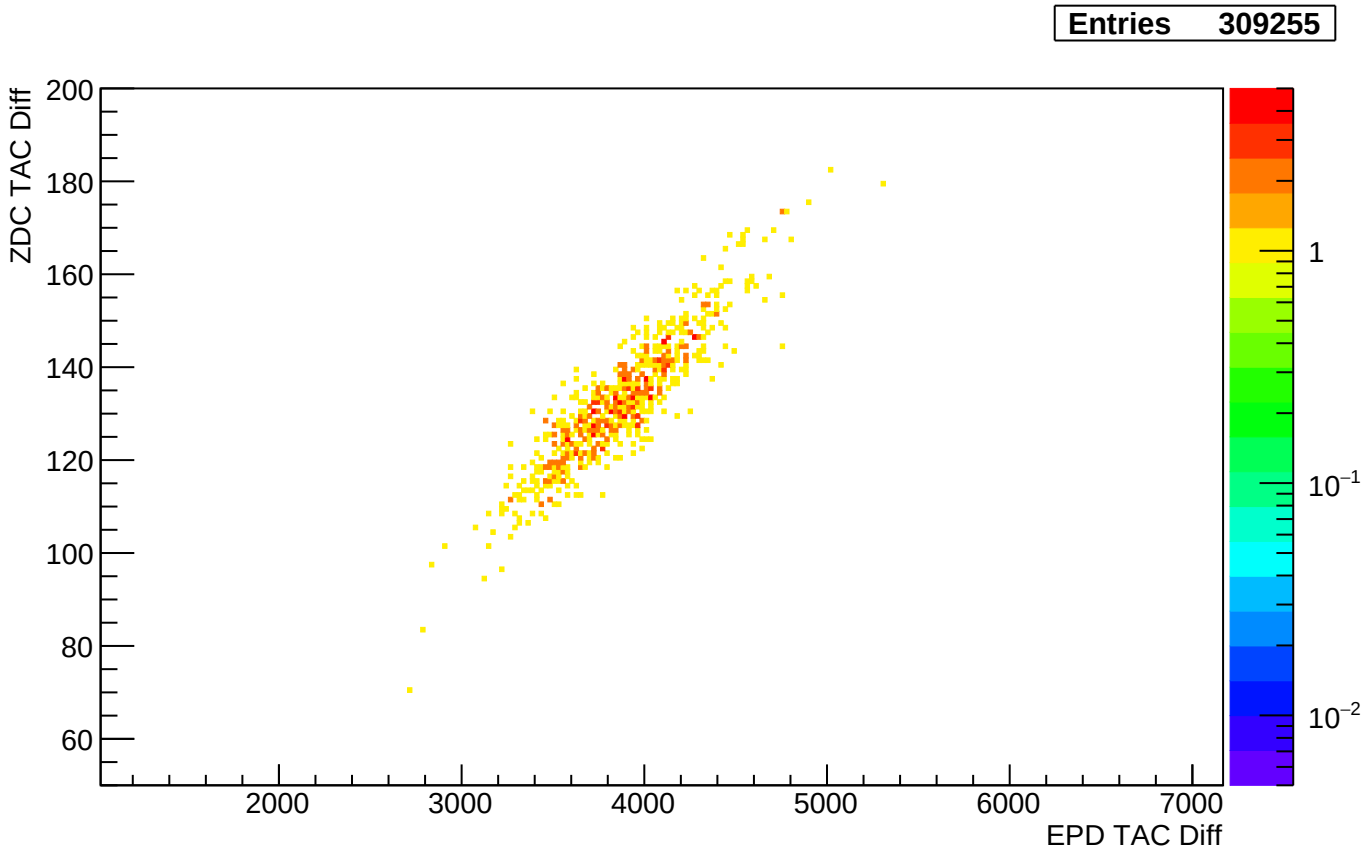

Entries 309255
TOF-Mult
BBC-S-West ADC Sum

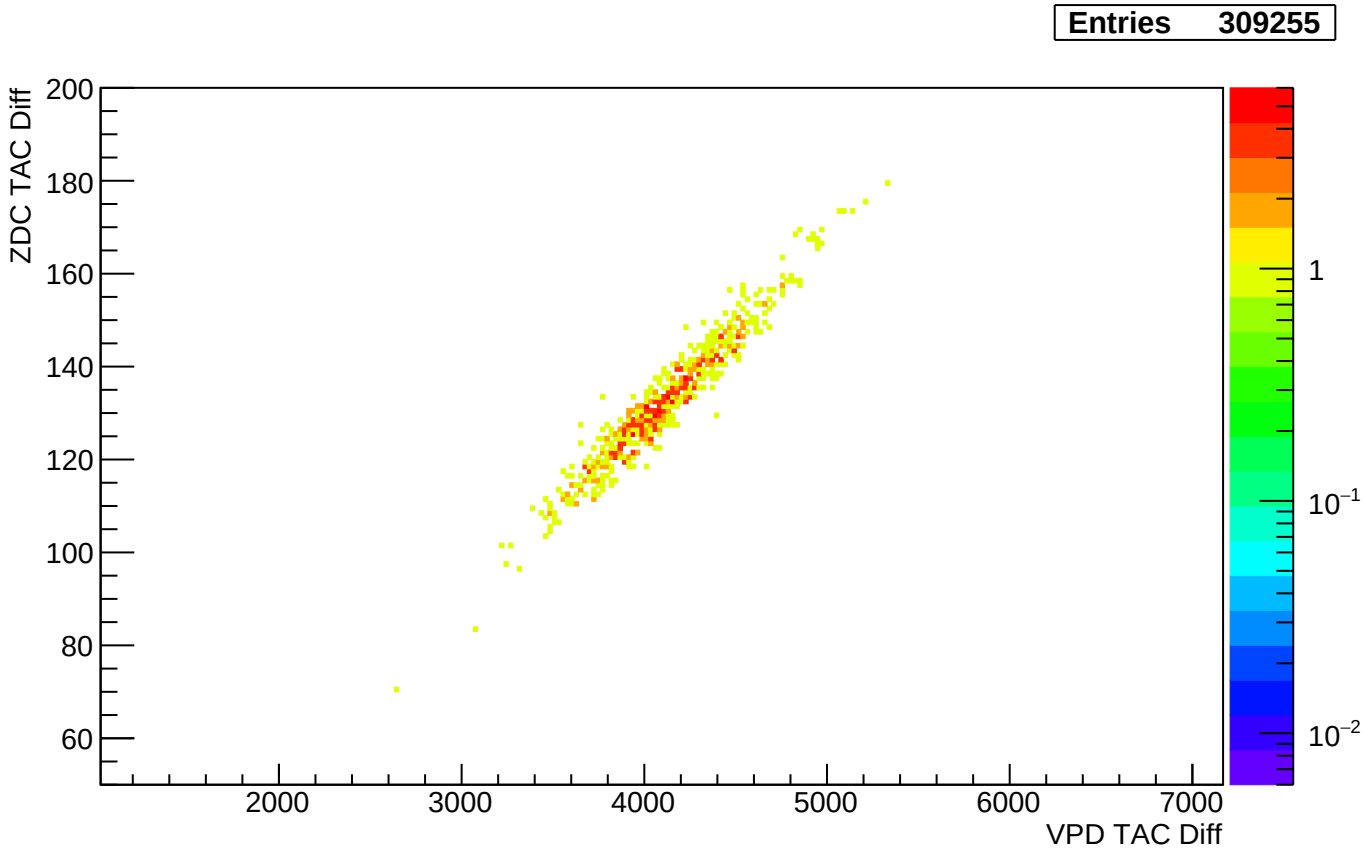

Entries 309255
TOF-Mult
EPD-East Hit Cnt

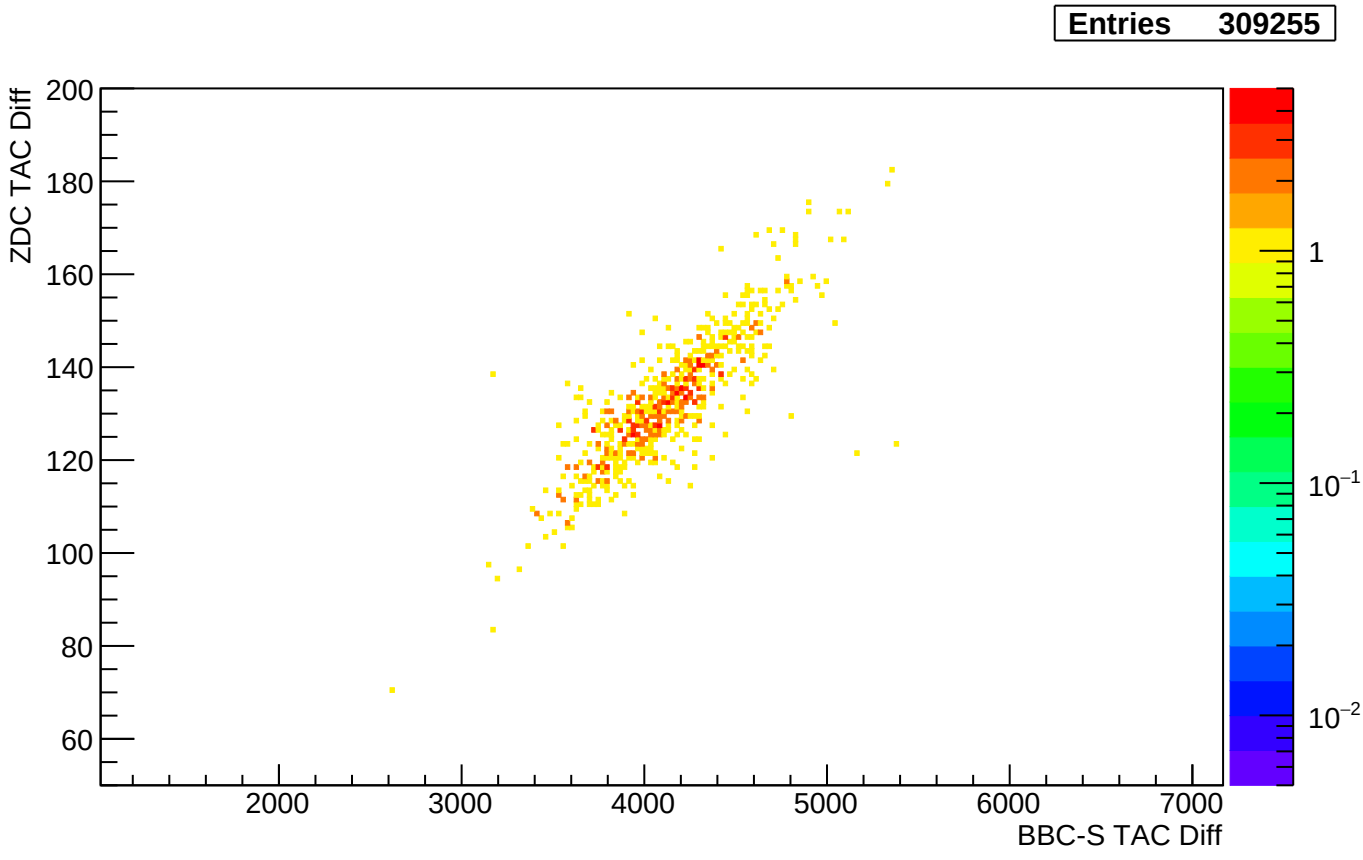

Entries 309255
TOF-Mult
EPD-West Hit Cnt

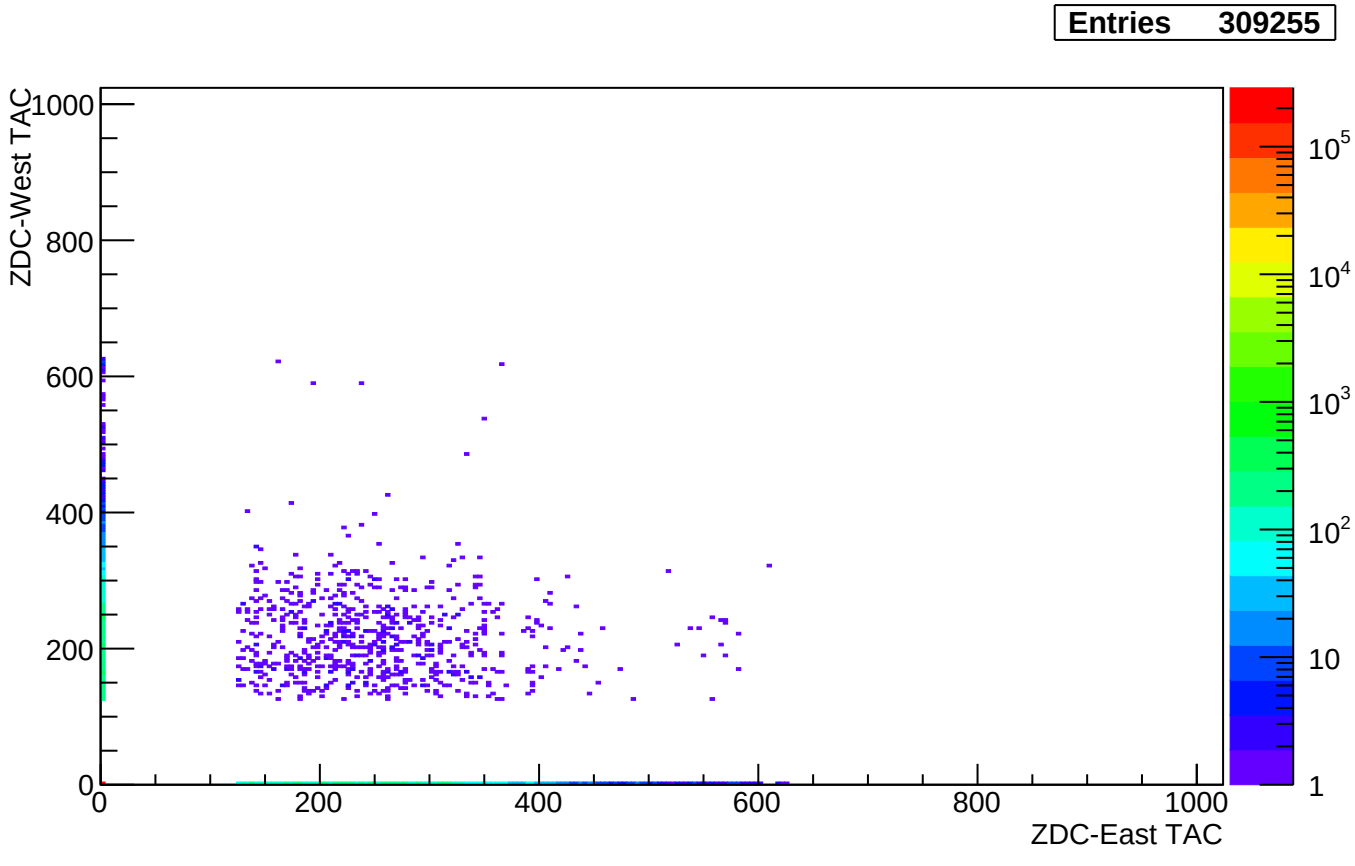

Entries 309255
TOF-Mult
VPD-East ADC Sum

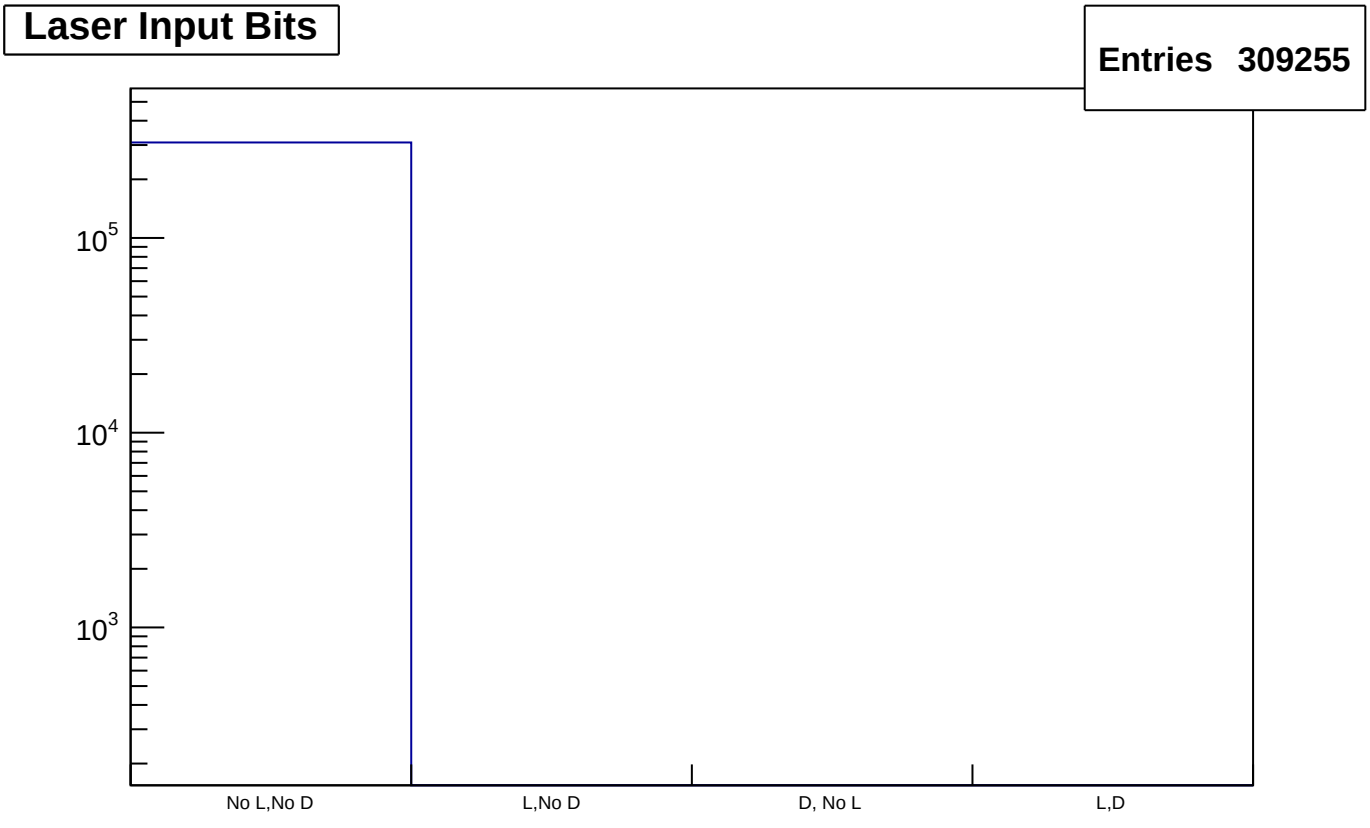

Entries 309255
TOF-Mult
VPD-West ADC Sum

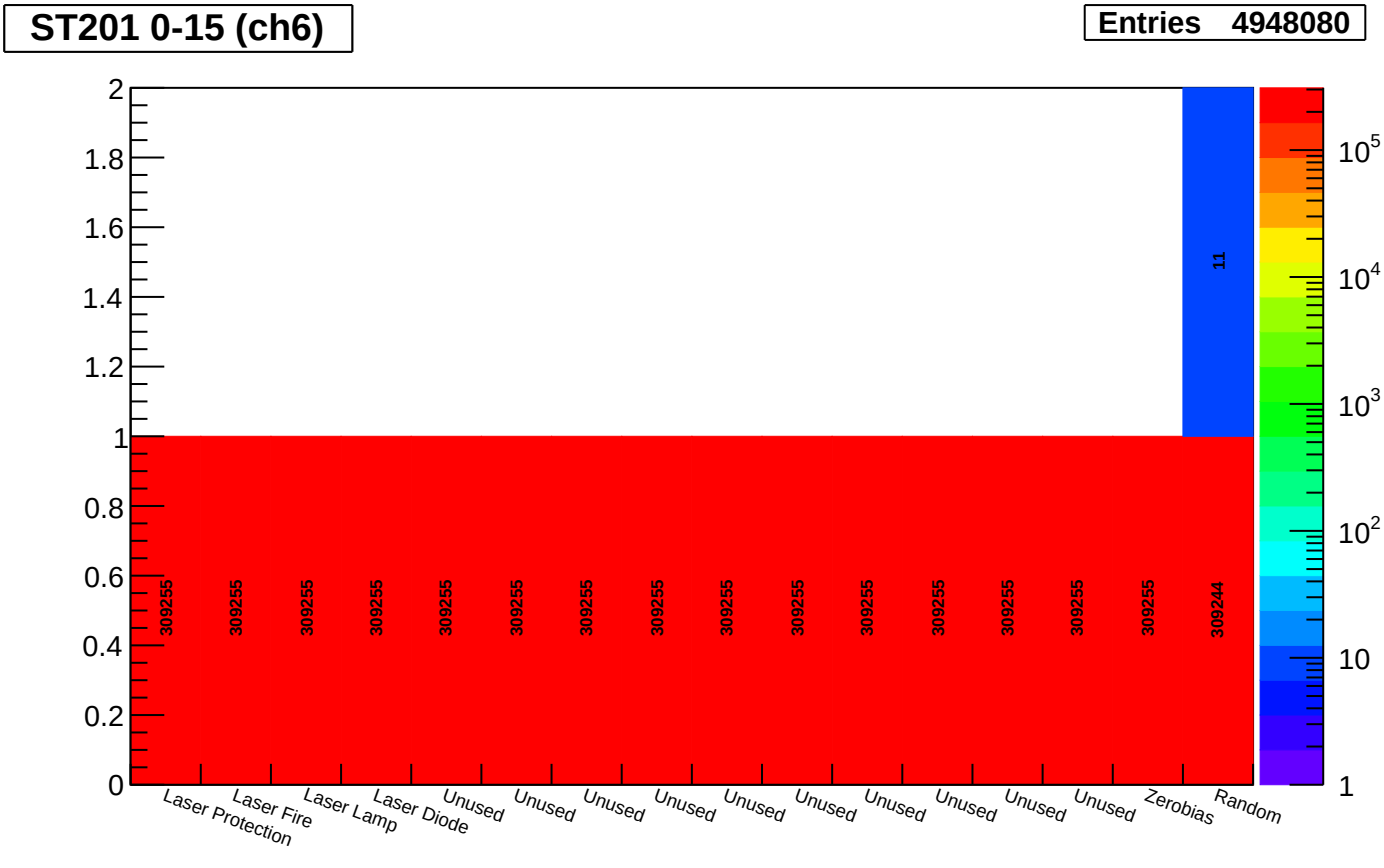

Entries 309255
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

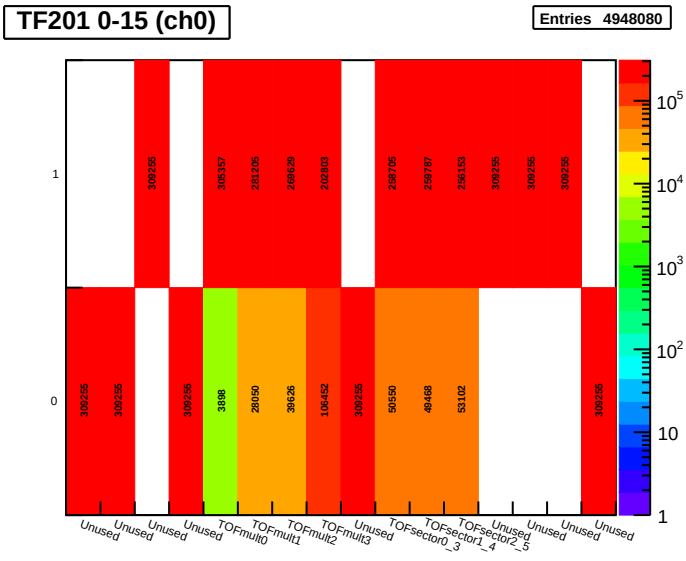

Entries 309255
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

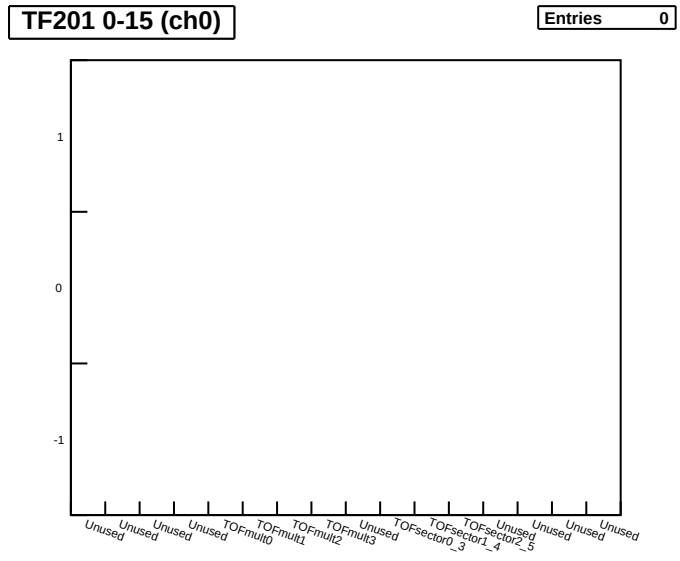

Entries 309255
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

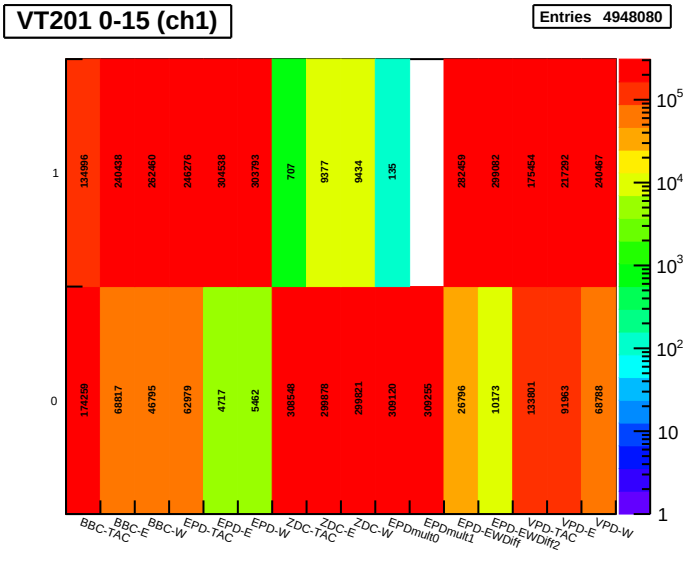

Entries 309255
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

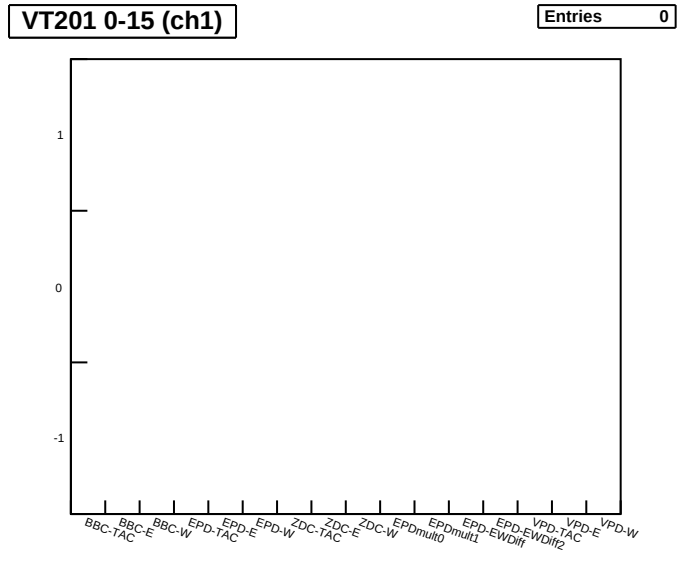

Laser Input Bits
Entries 309255
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

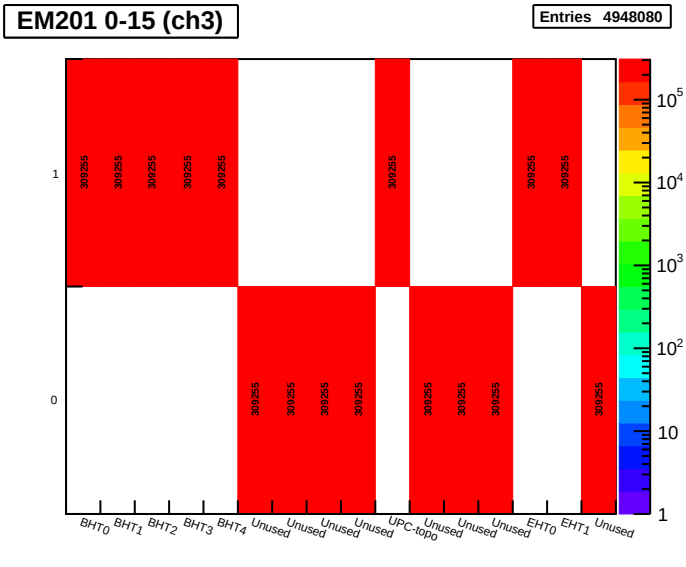

ST201 0-15 (ch6)
Entries 4948080
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
309255
309244
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

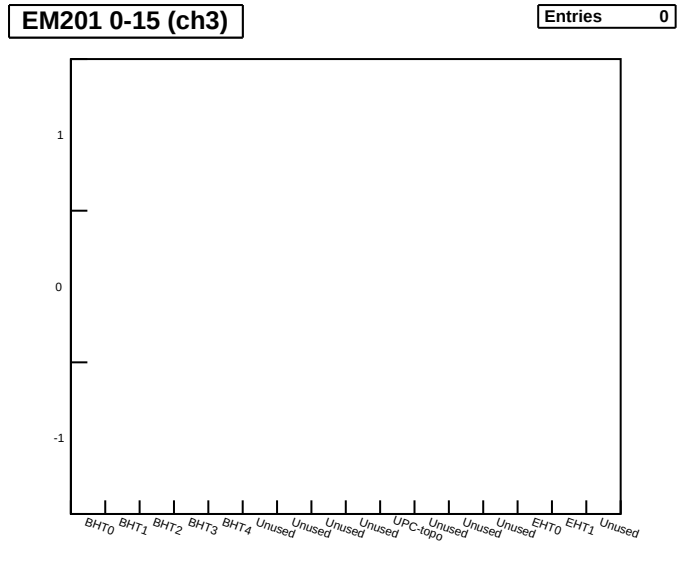

TF201 0-15 (ch0)
Entries 4948080
1
0
309255
305357
281205
289629
292803
238705
239787
236153
309255
309255
309255
309255
309255
309255
309255
3898
29050
39626
106452
309255
50550
49468
53102
309255
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
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 4948080
1
0
134996
240438
262460
246276
304538
303793
707
9377
9434
135
282459
290082
175454
217292
240467
174259
68817
46795
62979
4717
5462
308548
299878
299821
309120
309255
26796
10173
133801
91963
68788
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 4948080
1
0
309255
309255
309255
309255
309255
309255
309255
309255
309255
309255
309255
309255
309255
309255
309255
309255
309255
309255
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