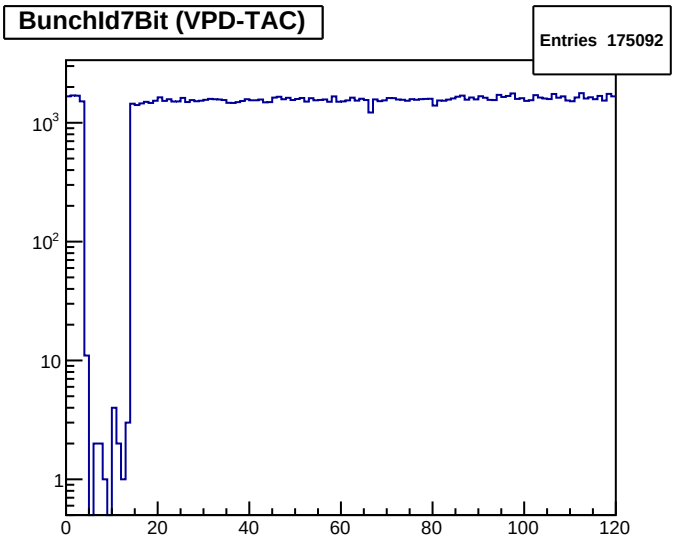
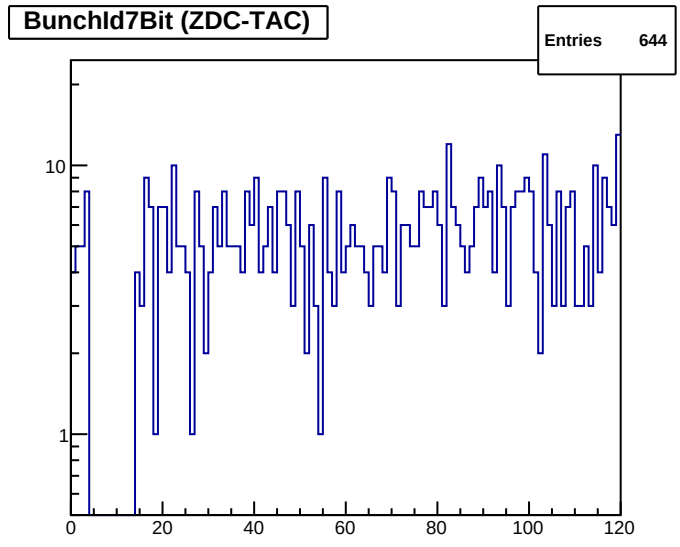
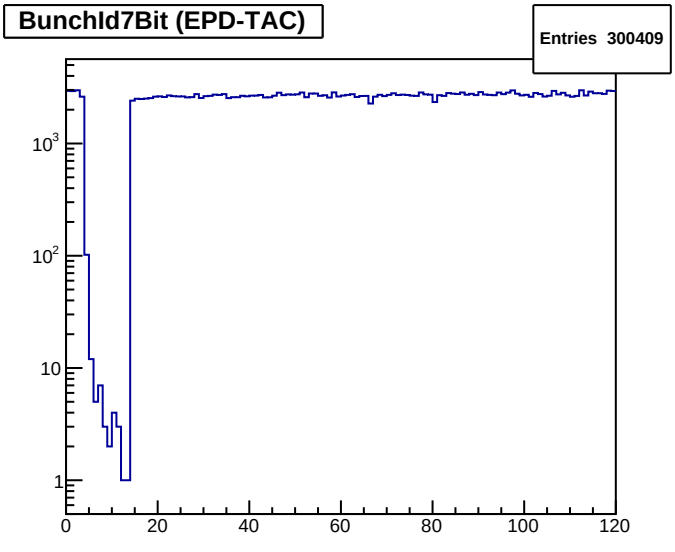
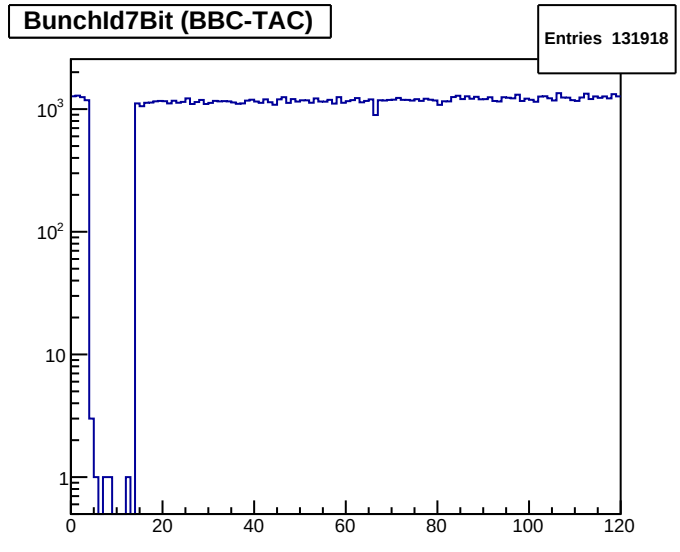
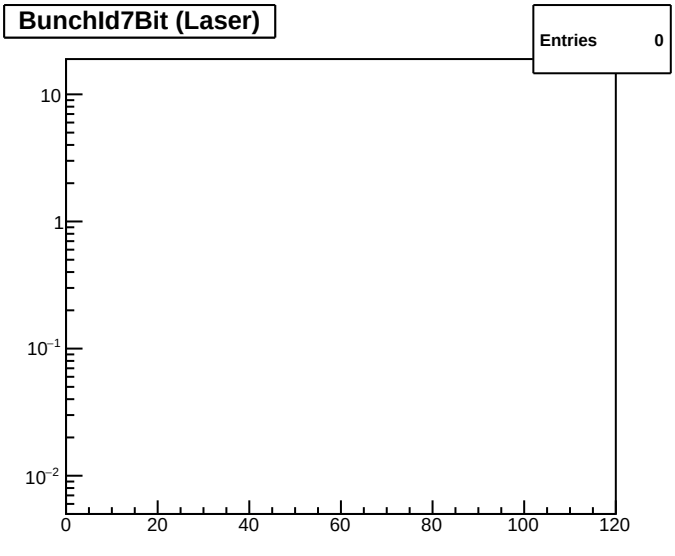
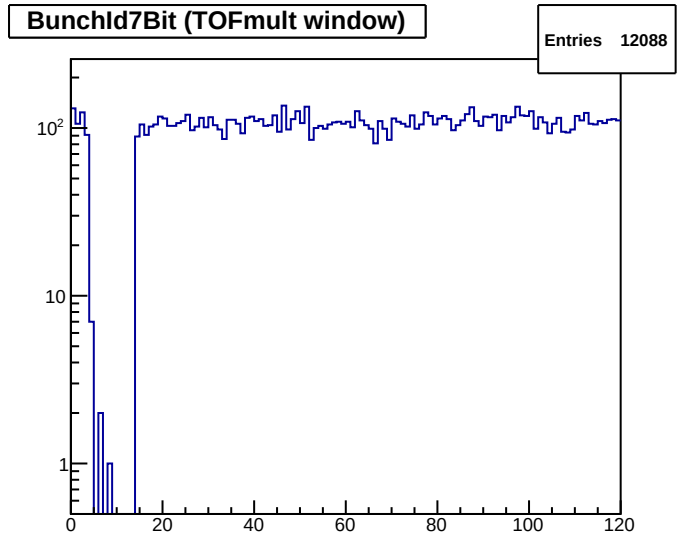

BunchId7Bit (VPD-TAC)
Entries 175092

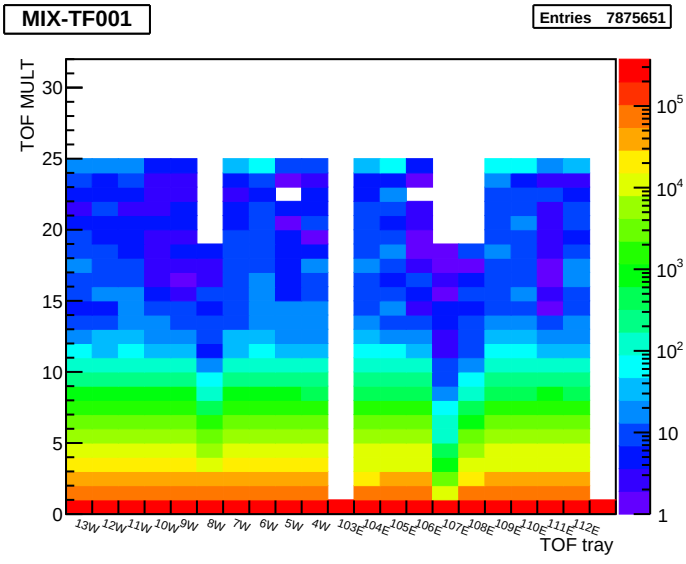

BunchId7Bit (ZDC-TAC)
Entries 644

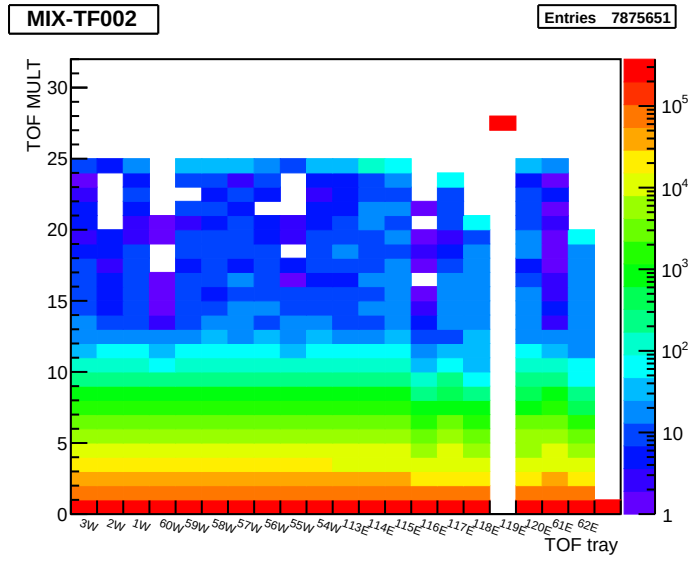

BunchId7Bit (EPD-TAC)
Entries 300409

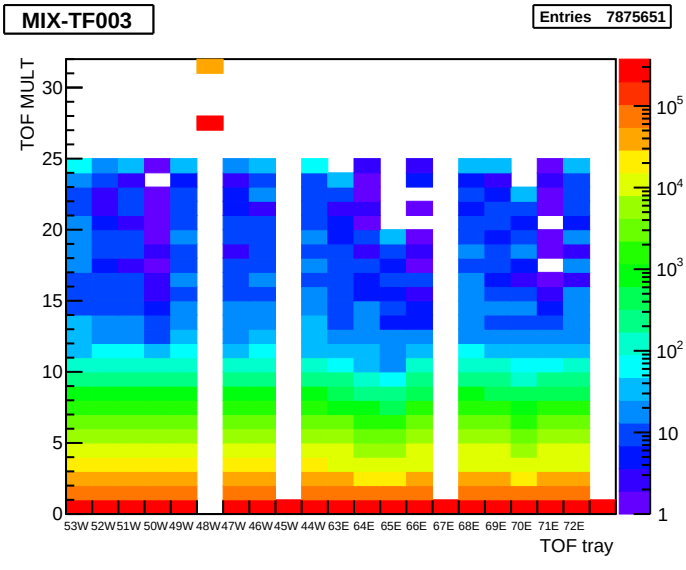

BunchId7Bit (BBC-TAC)
Entries 131918

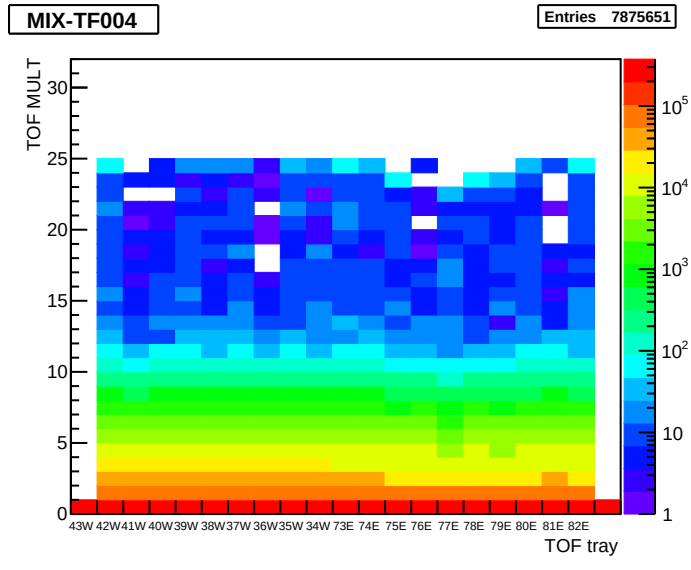

BunchId7Bit (Laser)
Entries 0

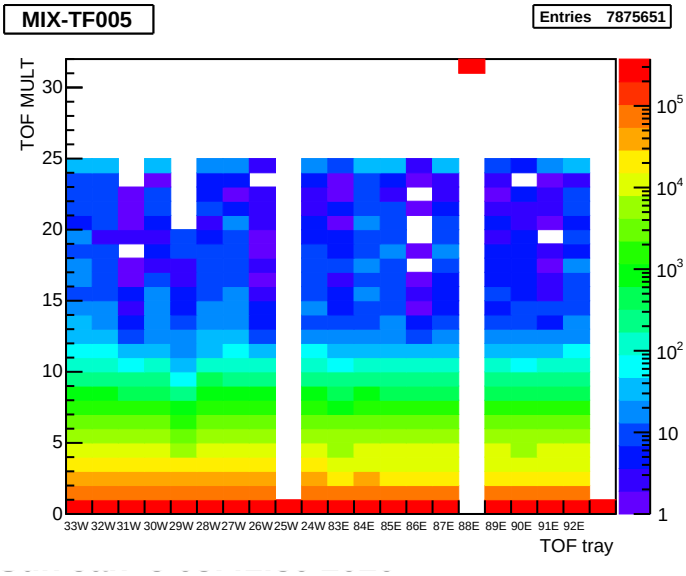

BunchId7Bit (TOFmult window)
Entries 12088

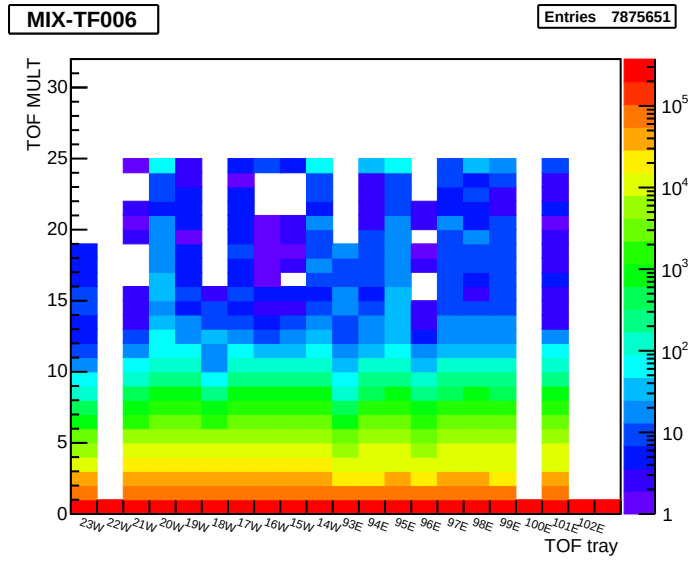

MIX-TF001
Entries 7875651
TOF MULT
TOF tray

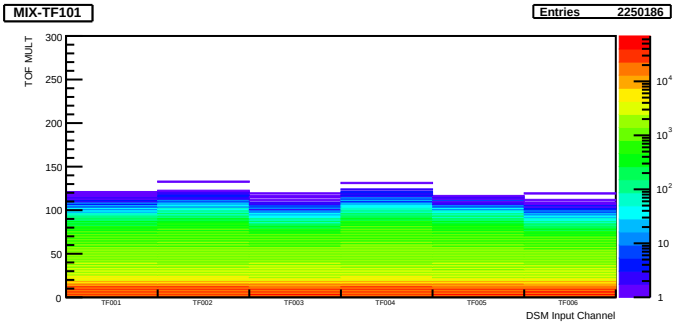

MIX-TF002
Entries 7875651
TOF MULT
TOF tray

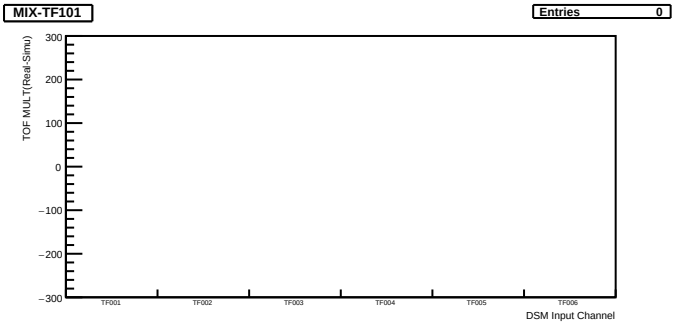

MIX-TF003
Entries 7875651
TOF MULT
TOF tray

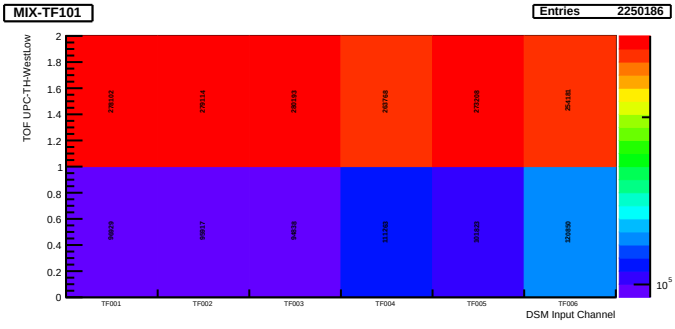

MIX-TF004
Entries 7875651
TOF MULT
TOF tray

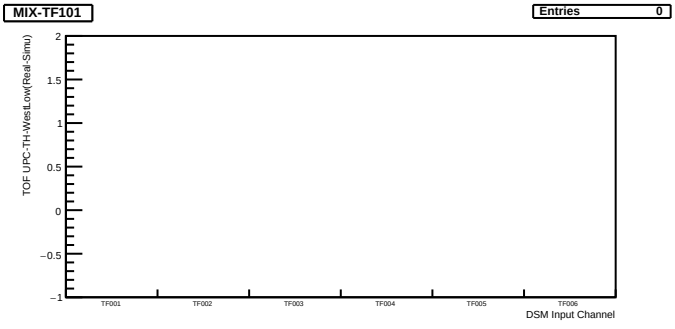

MIX-TF005
Entries 7875651
TOF MULT
TOF tray

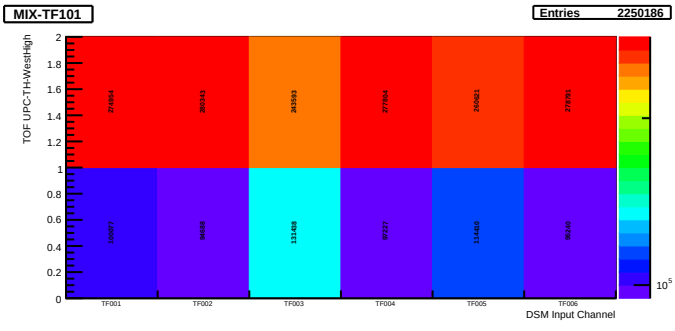

MIX-TF006
Entries 7875651
TOF MULT
TOF tray

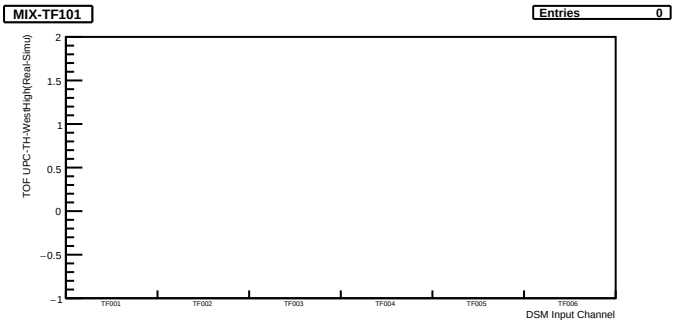

MIX-TF101
Entries 2250186
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

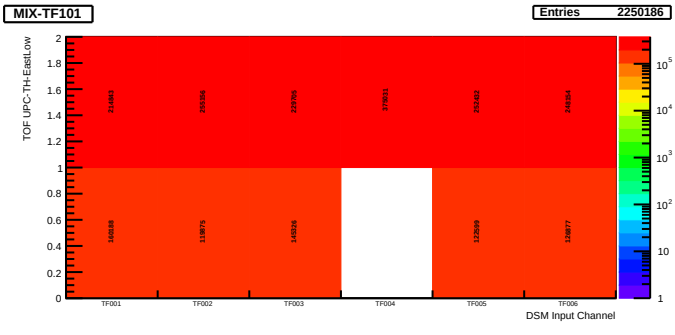

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

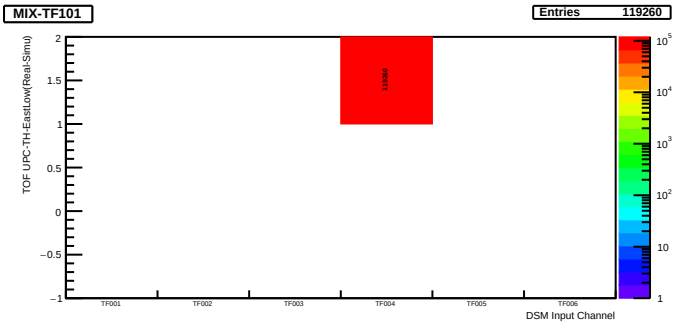

MIX-TF101
Entries 2250186
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

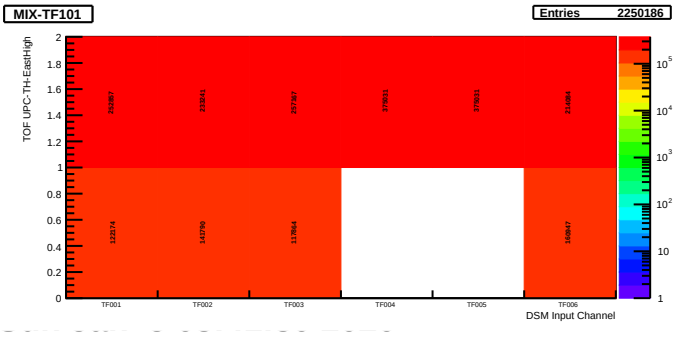

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

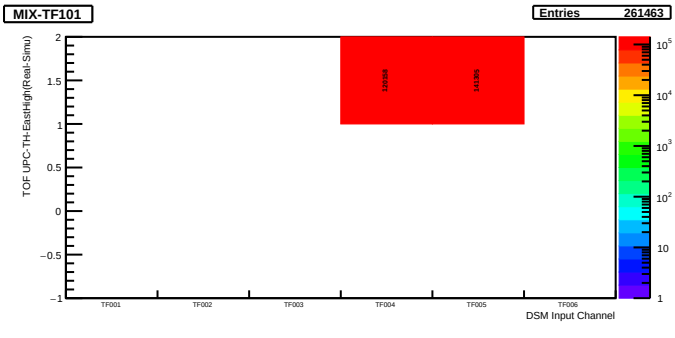

MIX-TF101
Entries 2250186
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

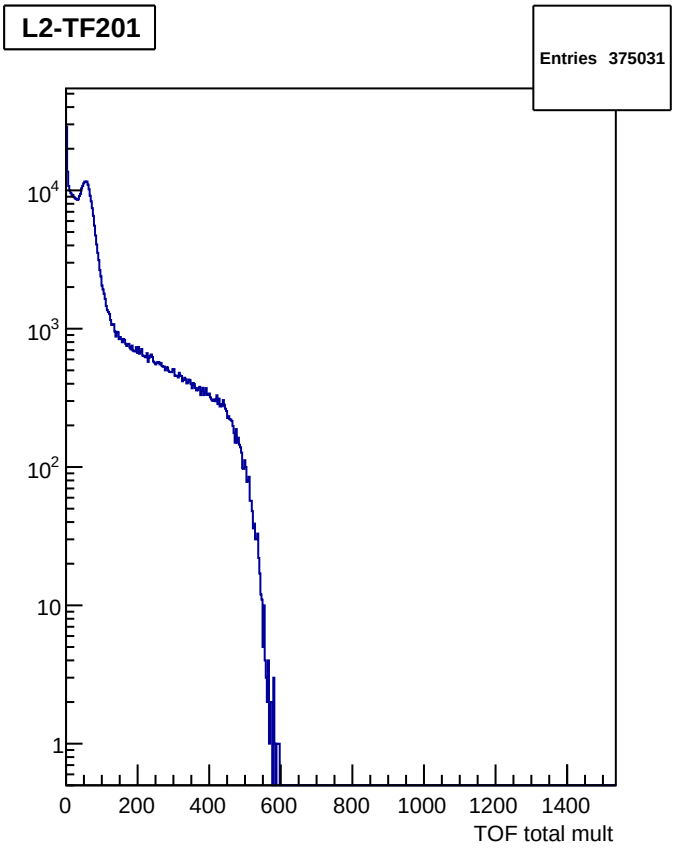

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

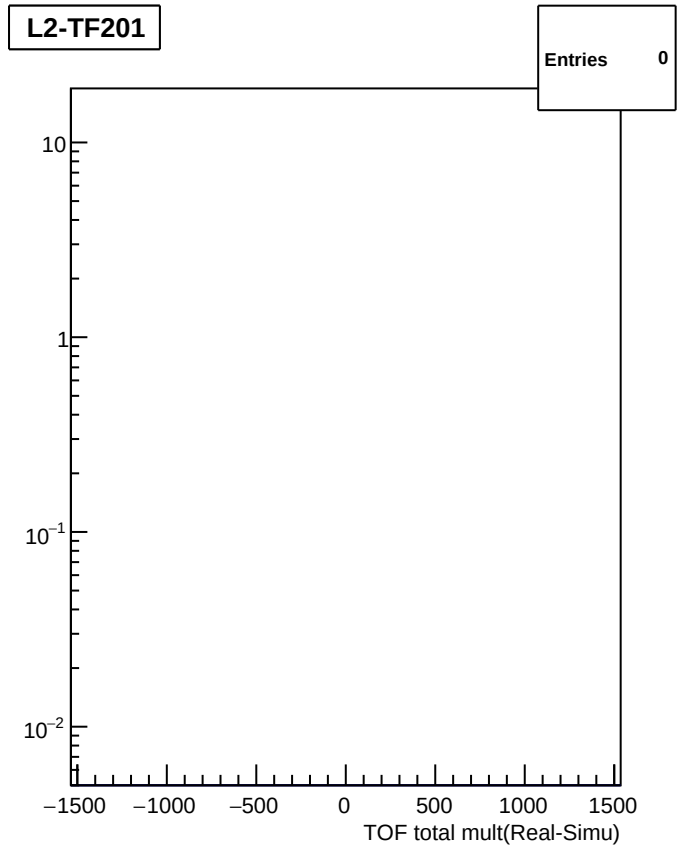

MIX-TF101
Entries 2250186
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

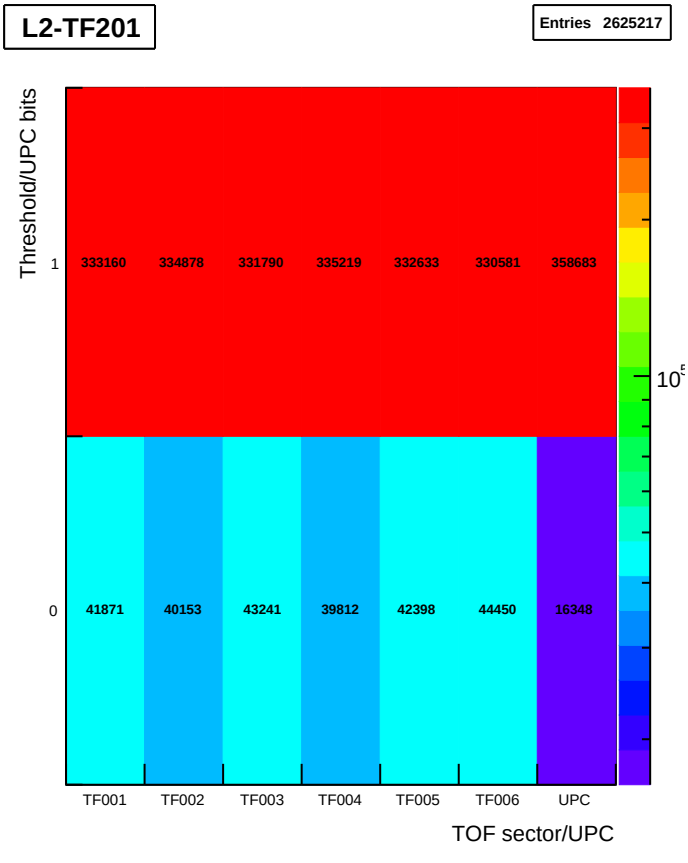

MIX-TF101
Entries 119260
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

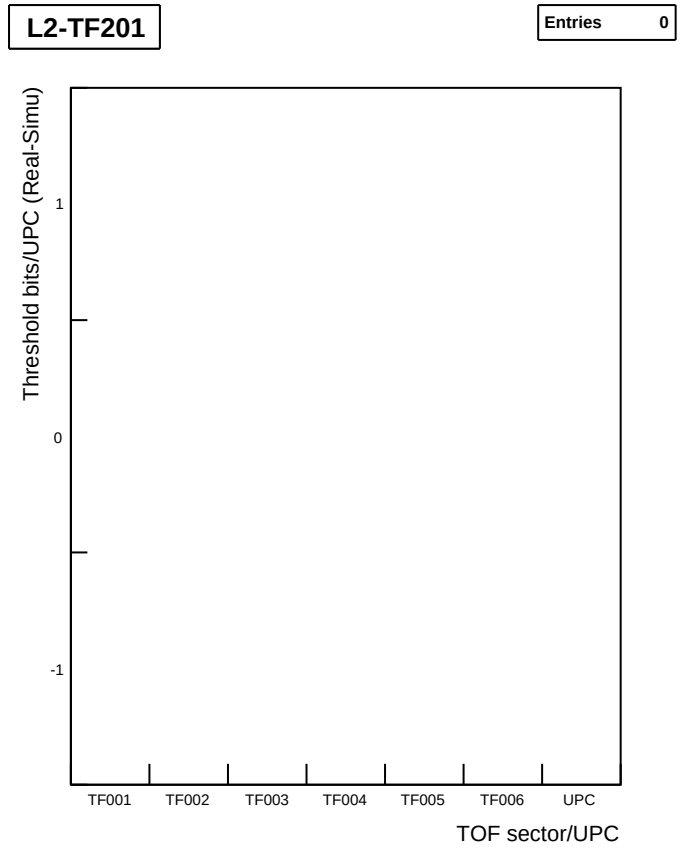

MIX-TF101
Entries 2250186
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

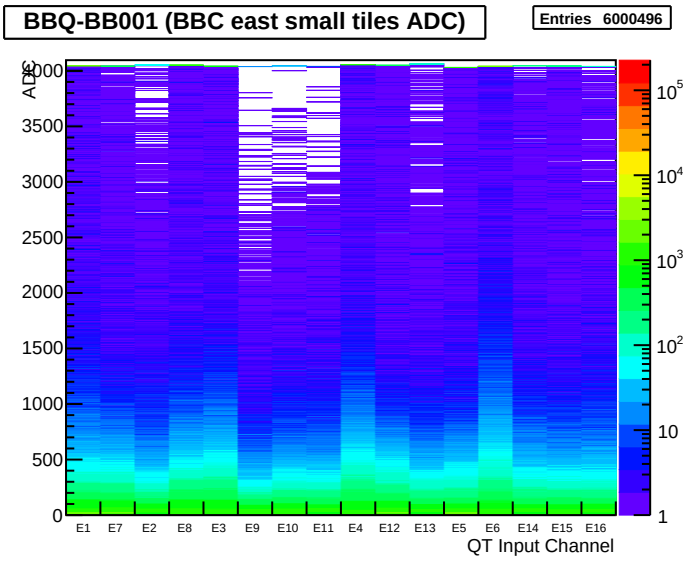

MIX-TF101
Entries 261463
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

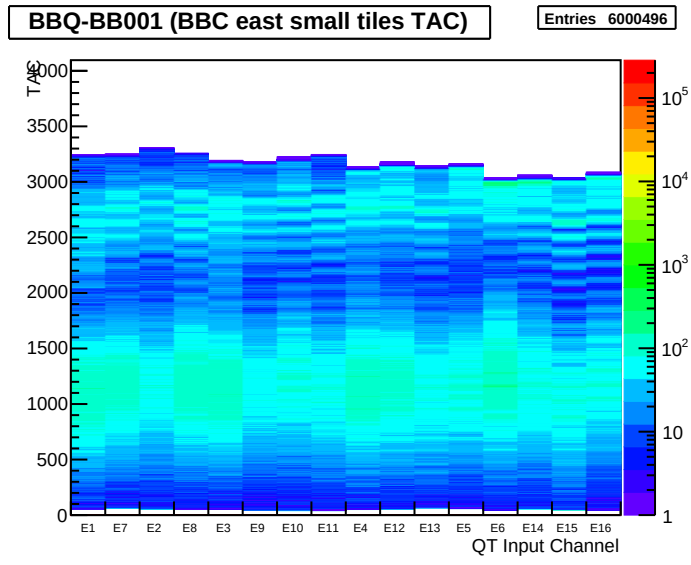

L2-TF201
Entries 375031
TOF total mult

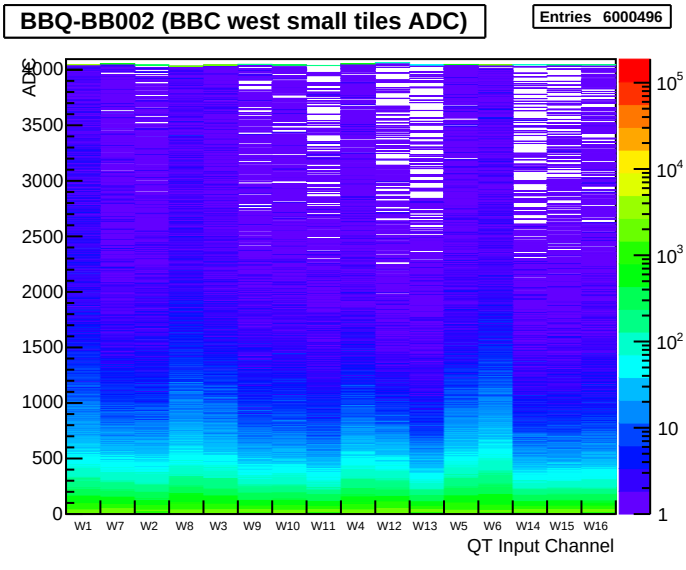

L2-TF201
Entries 0
TOF total mult(Real-Simu)

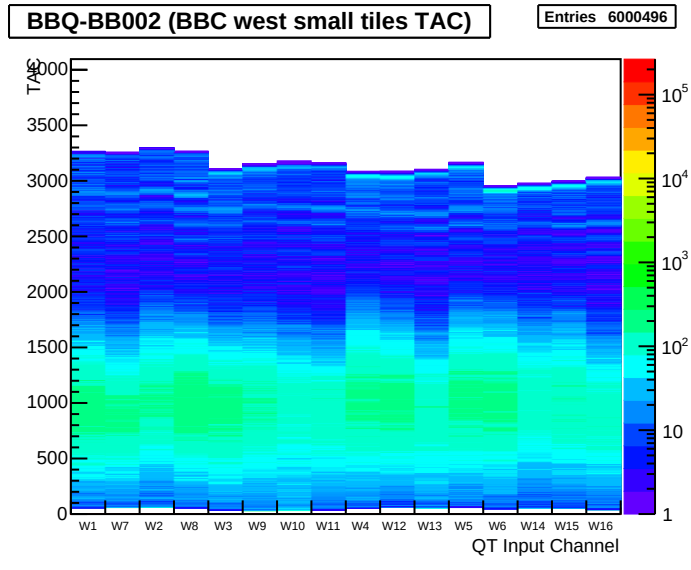

L2-TF201
Entries 2625217
Threshold/UPC bits
333160
334878
331790
335219
332633
330581
358683
41871
40153
43241
39812
42398
44450
16348
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

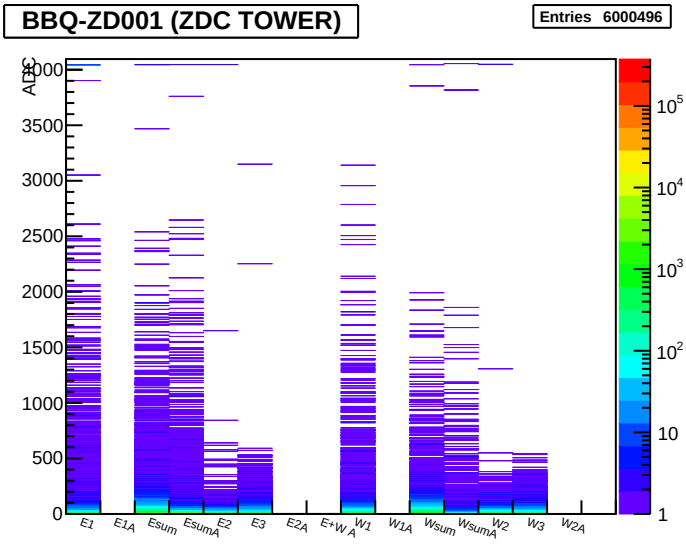

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

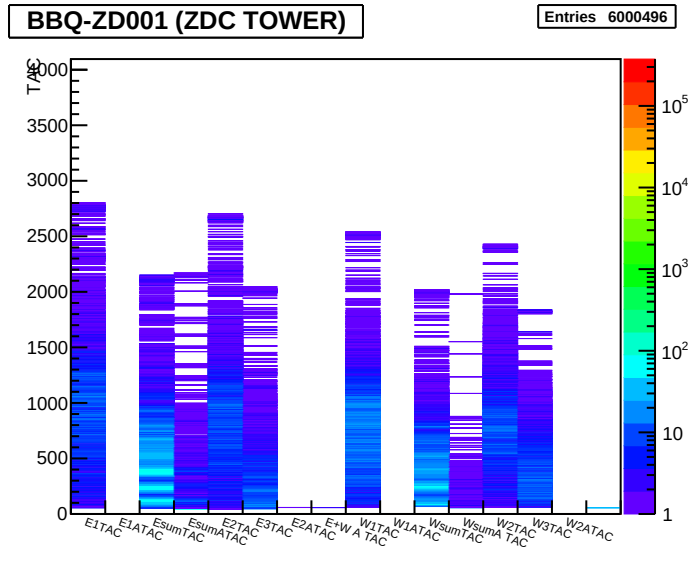

BBQ-BB001 (BBC east small tiles ADC)
Entries 6000496
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

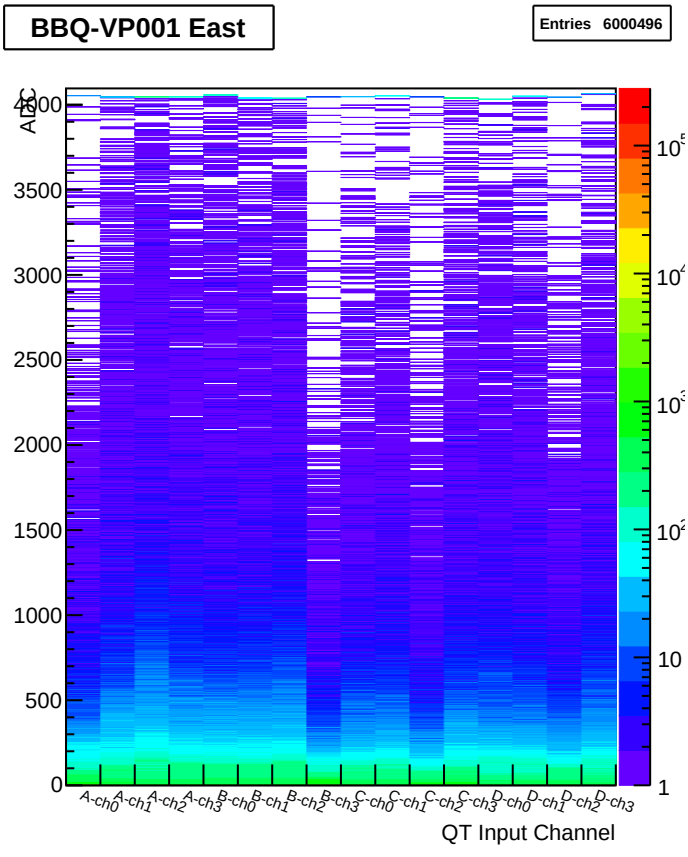

BBQ-BB001 (BBC east small tiles TAC)
Entries 6000496
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

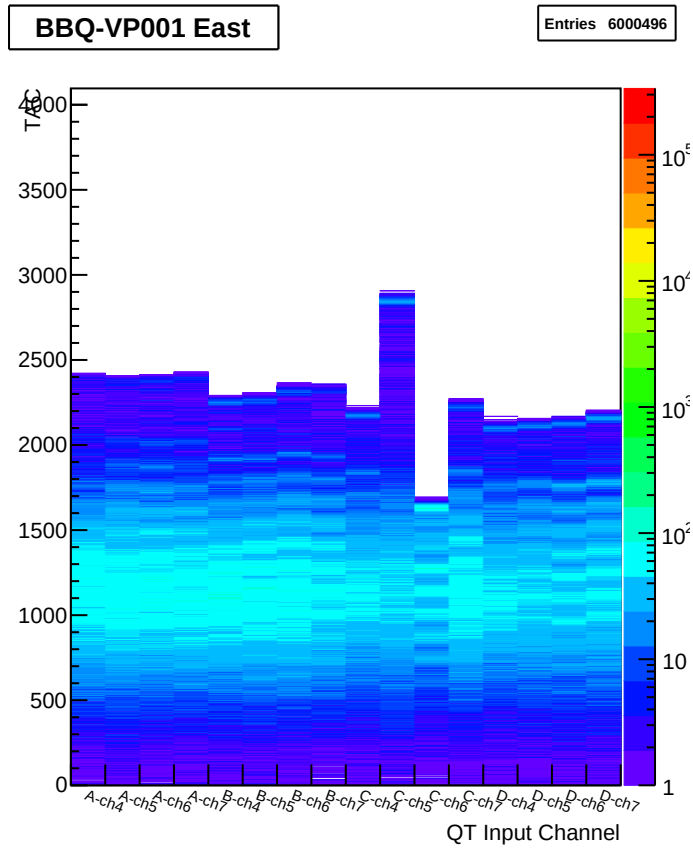

BBQ-BB002 (BBC west small tiles ADC)
Entries 6000496
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

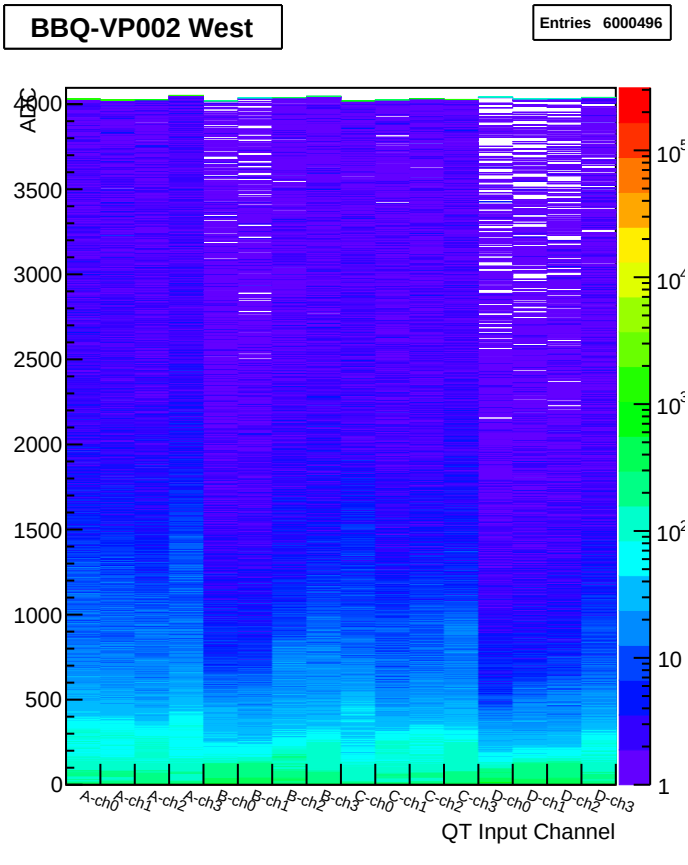

BBQ-BB002 (BBC west small tiles TAC)
Entries 6000496
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

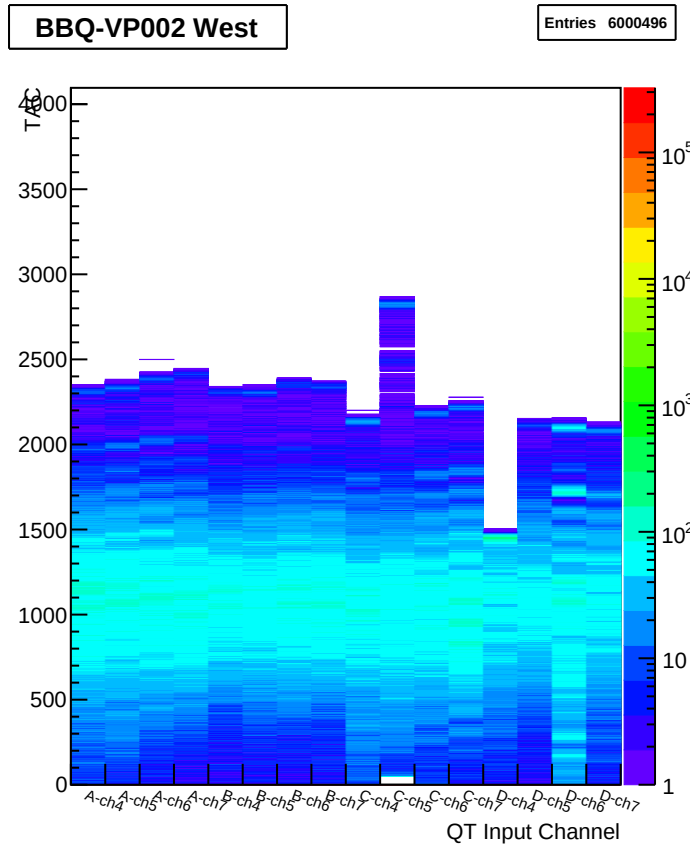

BBQ-ZD001 (ZDC TOWER)
Entries 6000496
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

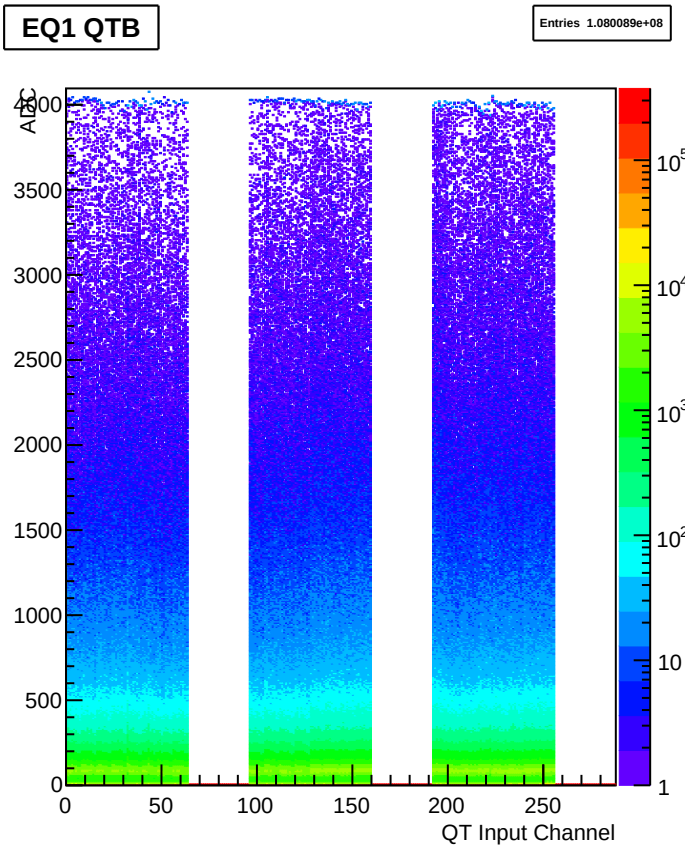

BBQ-ZD001 (ZDC TOWER)
Entries 6000496
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

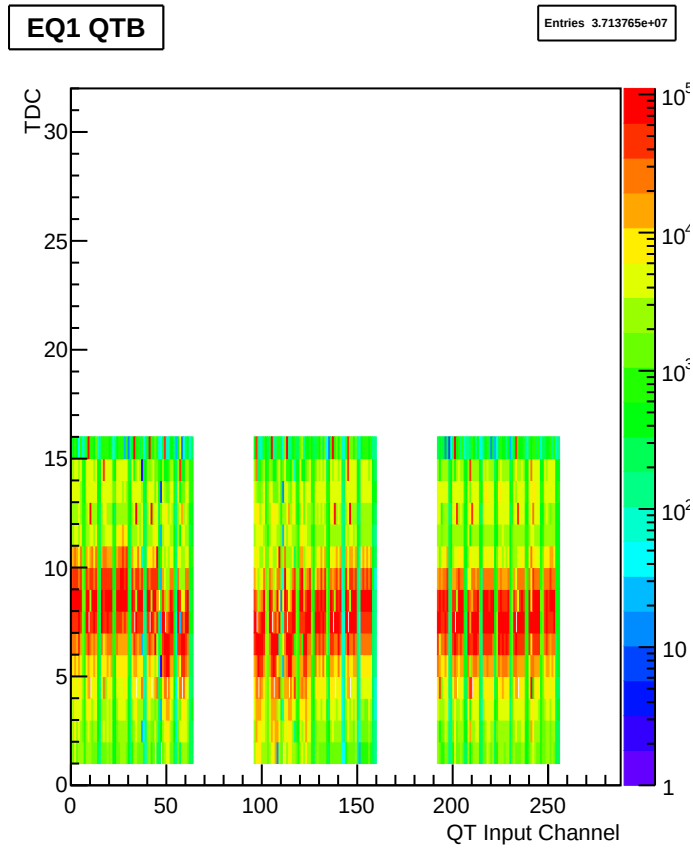

BBQ-VP001 East
Entries 6000496
ADC
QT Input Channel

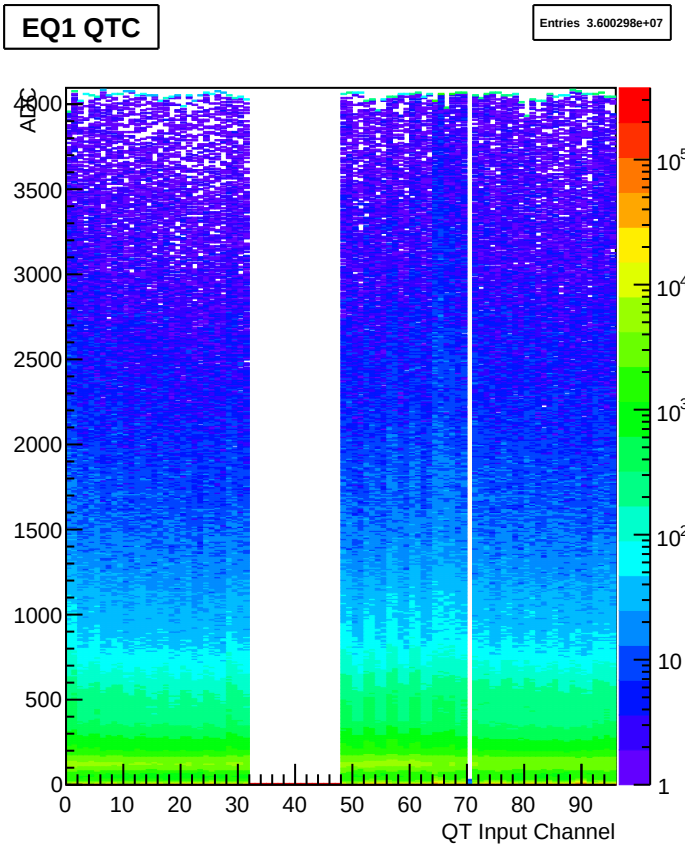

BBQ-VP001 East
Entries 6000496
ADC
QT Input Channel

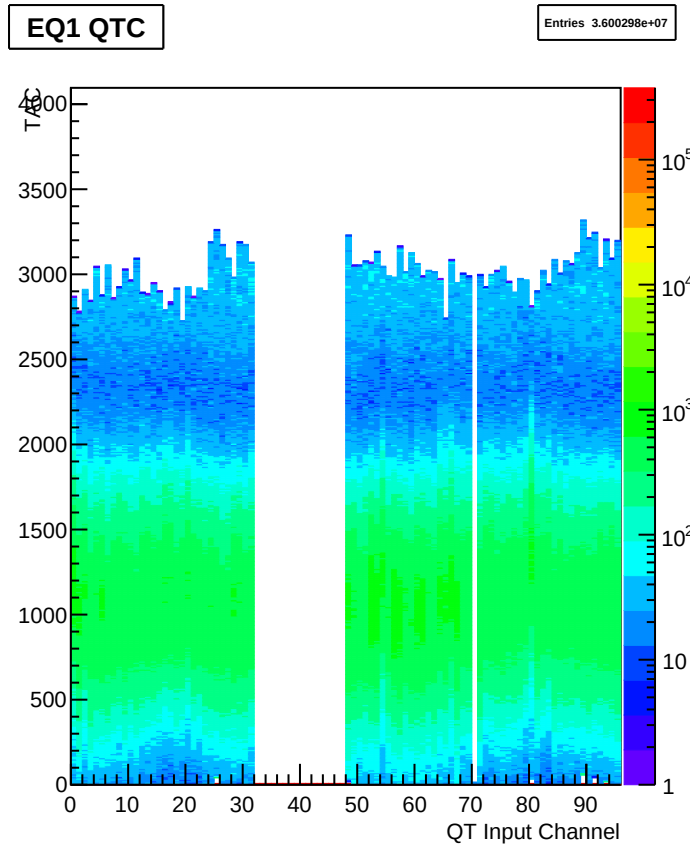

BBQ-VP002 West
Entries 6000496
ADC
QT Input Channel

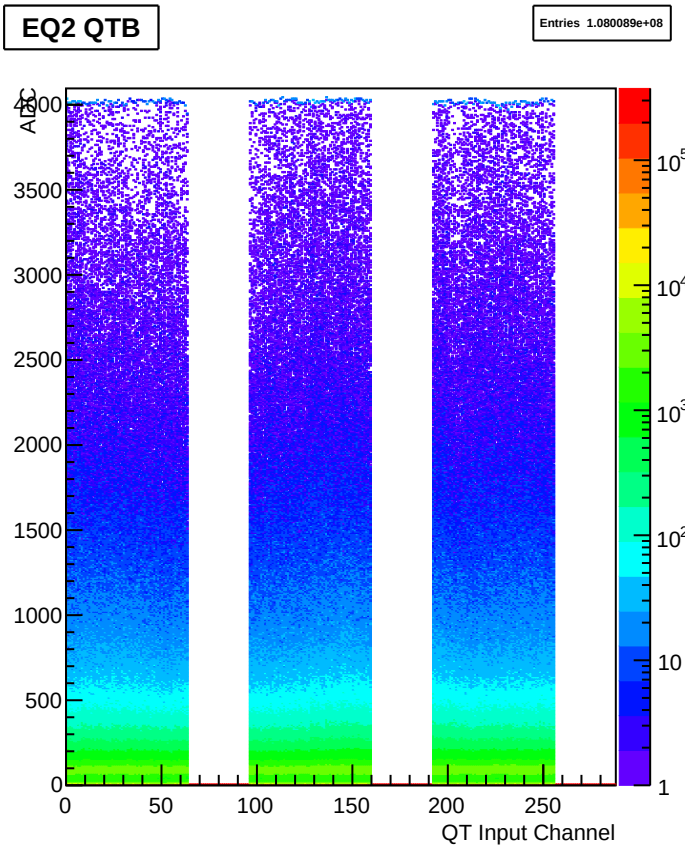

BBQ-VP002 West
Entries 6000496
ADC
QT Input Channel

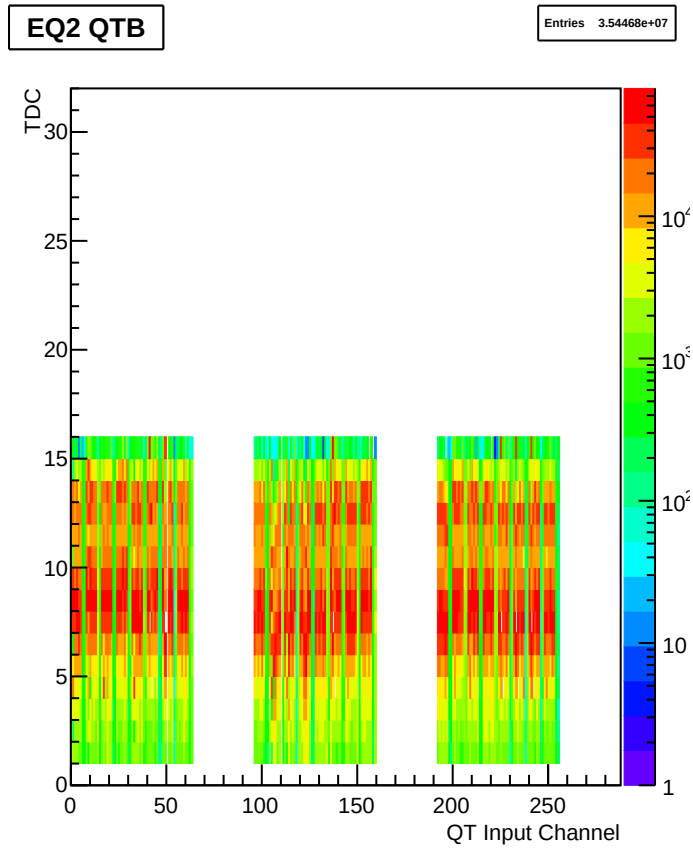

EQ1 QTB
Entries 1.080089e+08
ADC
QT Input Channel

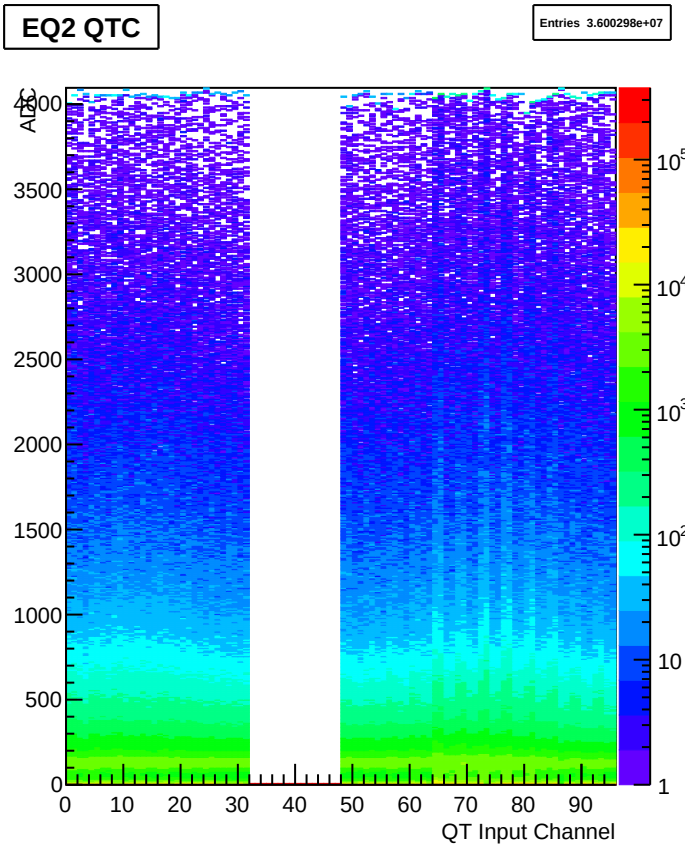

EQ1 QTB
Entries 3.713765e+07
TDC
QT Input Channel

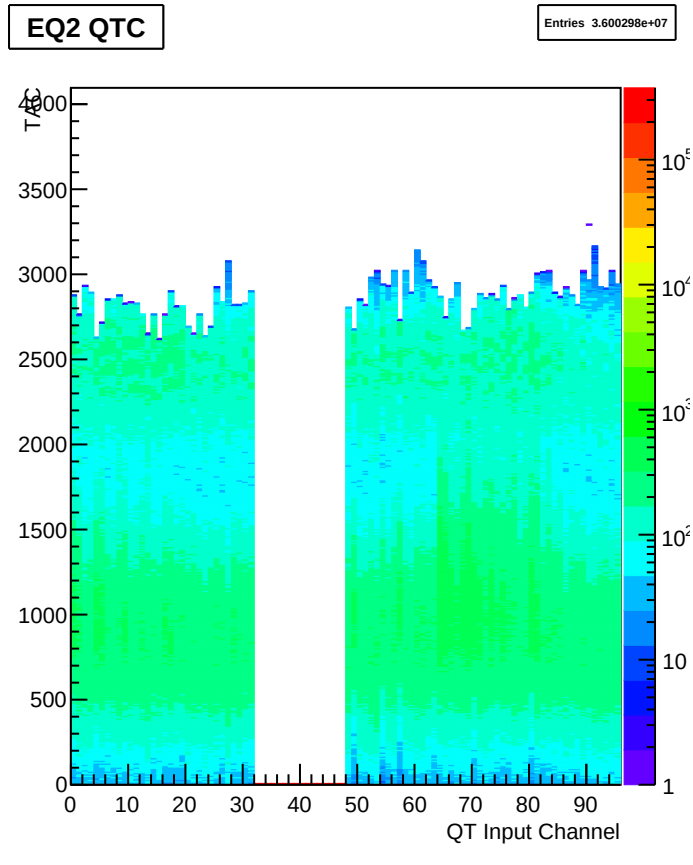

EQ1 QTC
Entries 3.600298e+07
ADC
QT Input Channel

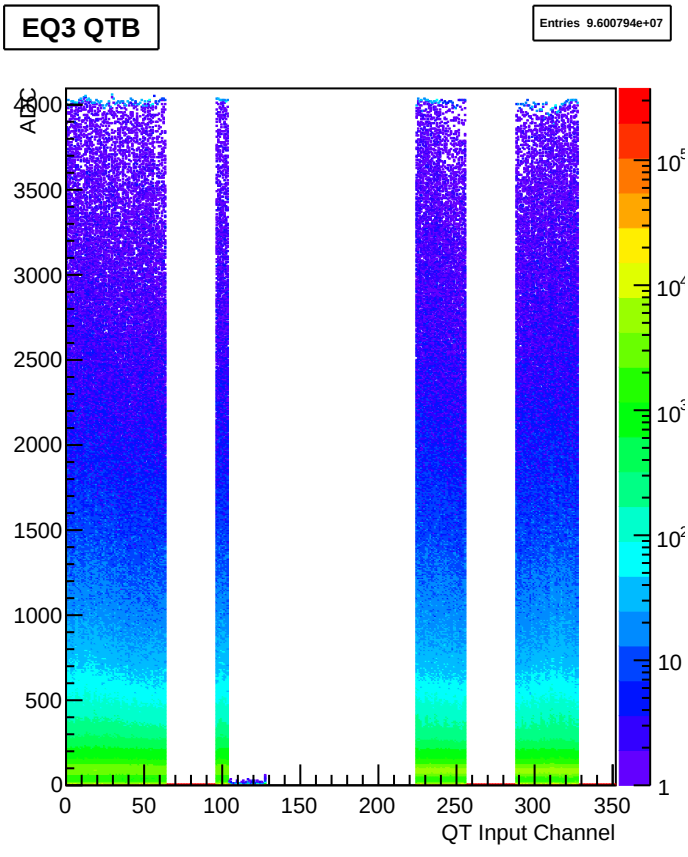

EQ1 QTC
Entries 3.600298e+07
TADC
QT Input Channel

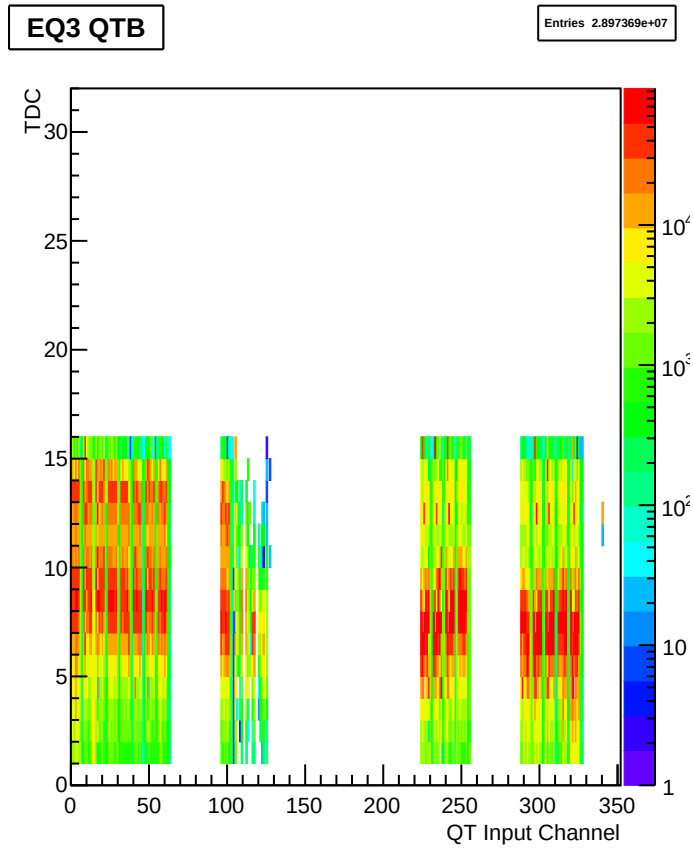

EQ2 QTB
Entries 1.080089e+08
ADC
QT Input Channel

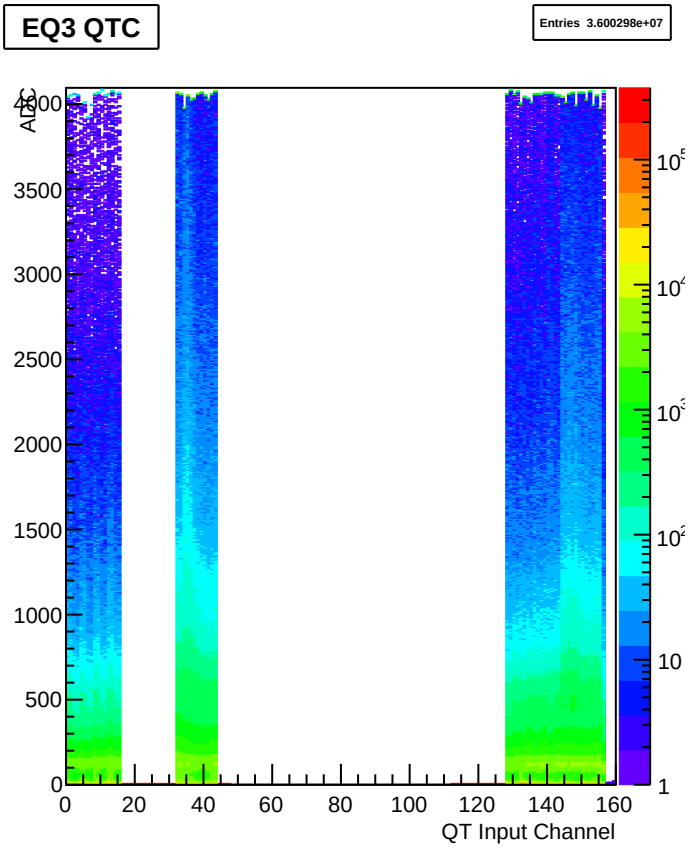

EQ2 QTB
Entries 3.54468e+07
TDC
QT Input Channel

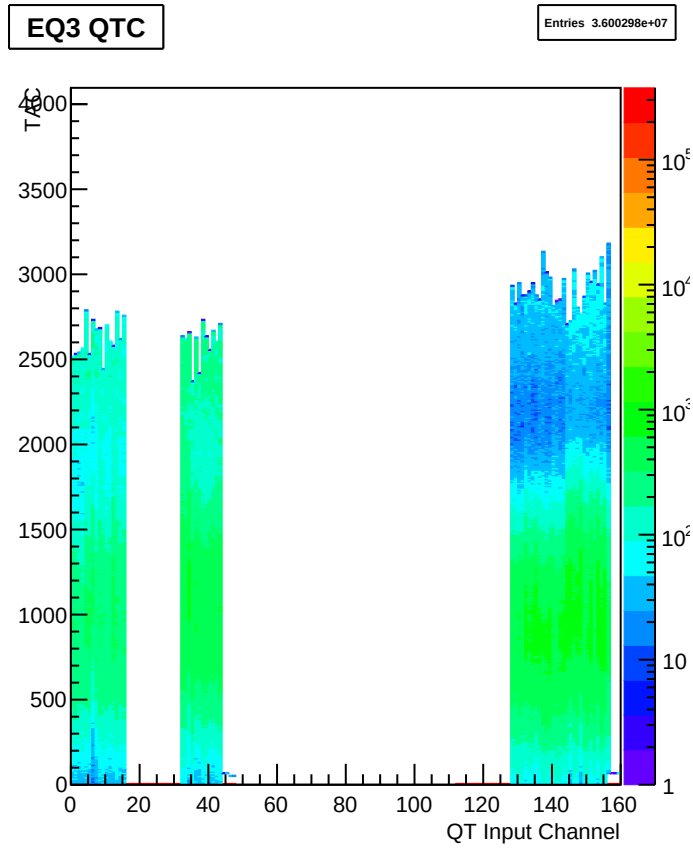

EQ2 QTC
Entries 3.600298e+07
ADC
QT Input Channel

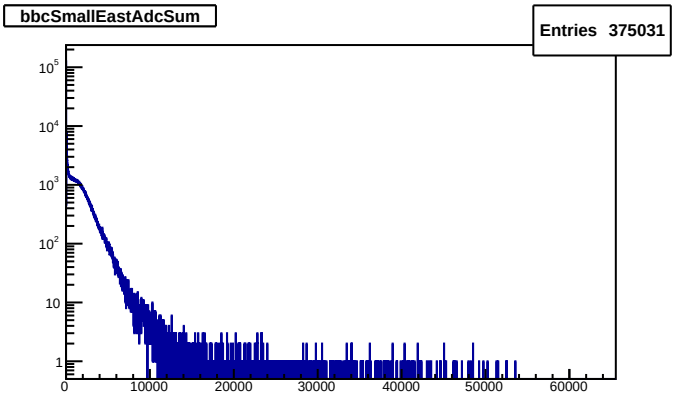

EQ2 QTC
Entries 3.600298e+07
TADC
QT Input Channel

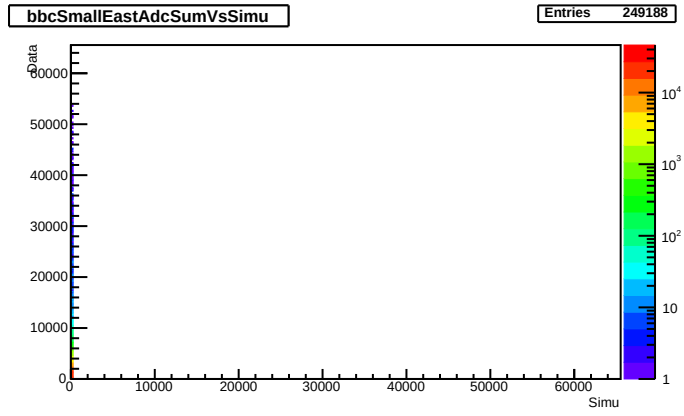

EQ3 QTB
Entries 9.600794e+07
ADC
QT Input Channel

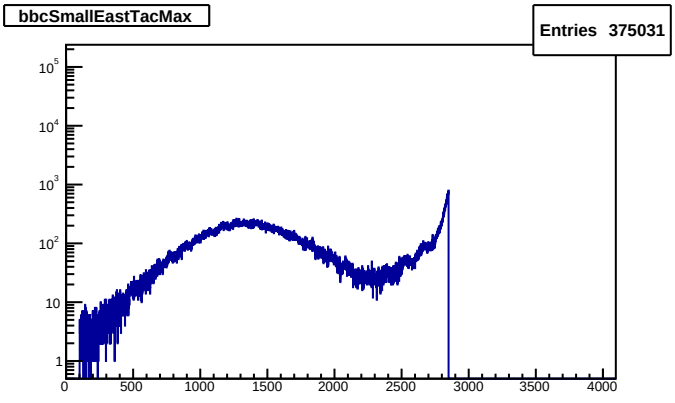

EQ3 QTB
Entries 2.897369e+07
TDC
QT Input Channel

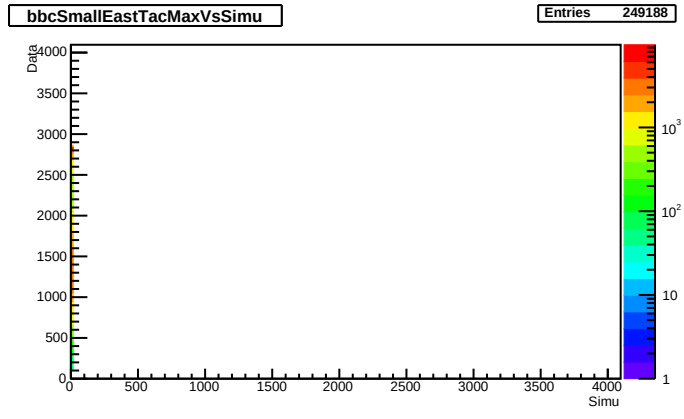

EQ3 QTC
Entries 3.600298e+07
ADC
QT Input Channel

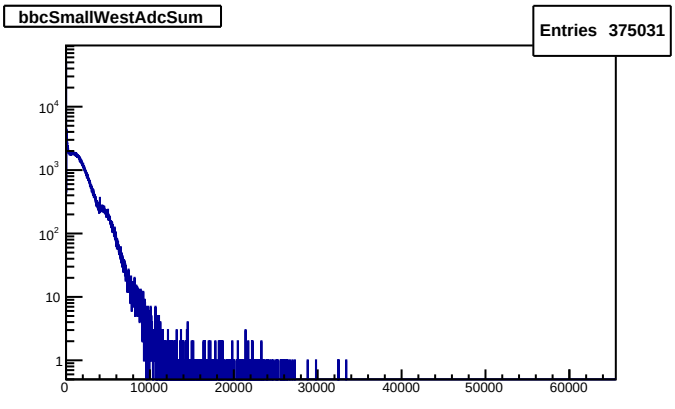

EQ3 QTC
Entries 3.600298e+07
TADC
QT Input Channel

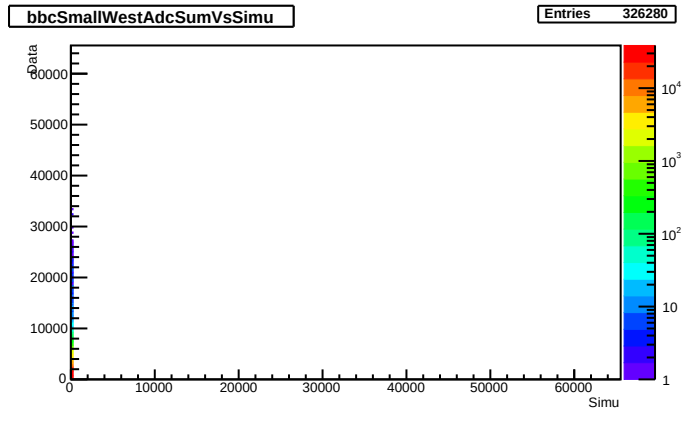

bbcSmallEastAdcSum
Entries 375031

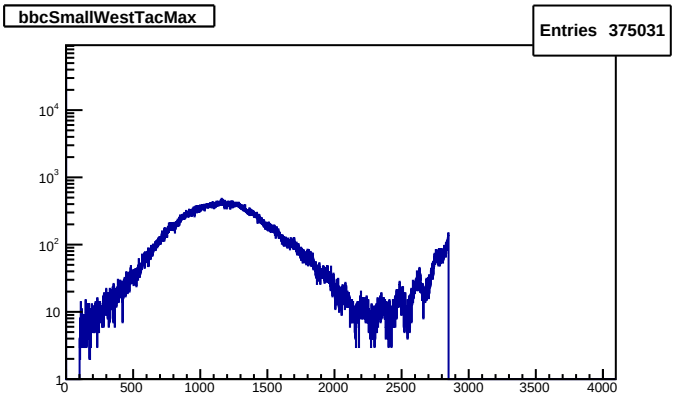

bbcSmallEastAdcSumVsSimu
Entries 249188
Data
Simu

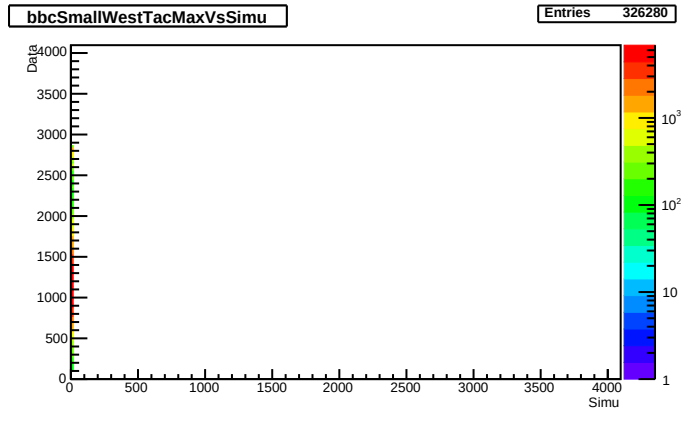

bbcSmallEastTacMax
Entries 375031

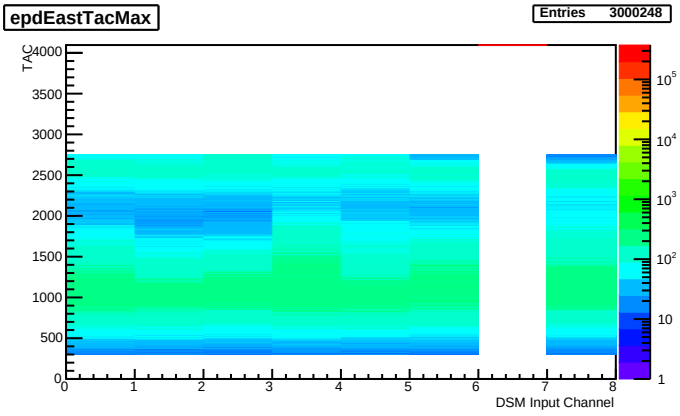

bbcSmallEastTacMaxVsSimu
Entries 249188
Data
Simu

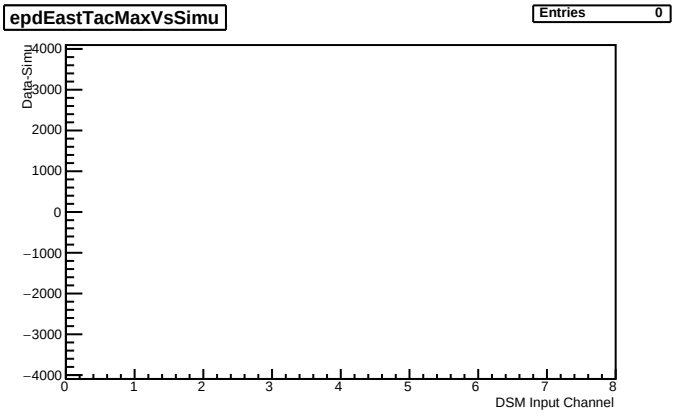

bbcSmallWestAdcSum
Entries 375031

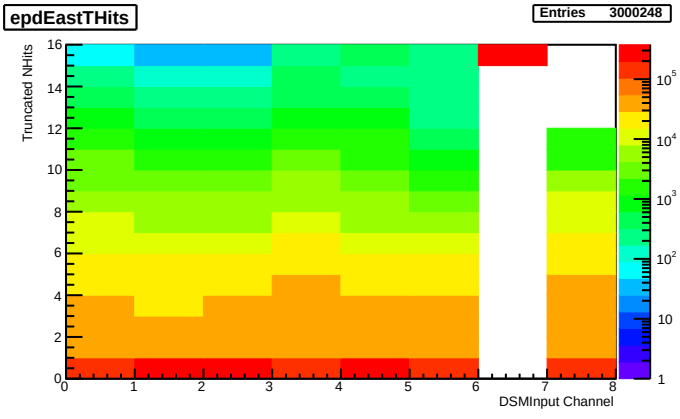

bbcSmallWestAdcSumVsSimu
Entries 326280
Data
Simu

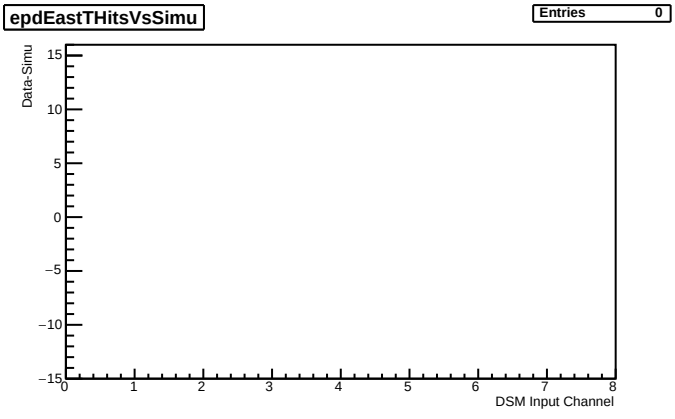

bbcSmallWestTacMax
Entries 375031

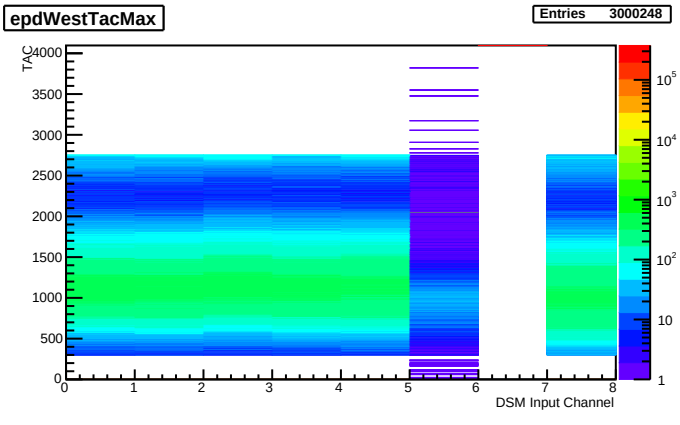

bbcSmallWestTacMaxVsSimu
Entries 326280
Data
Simu

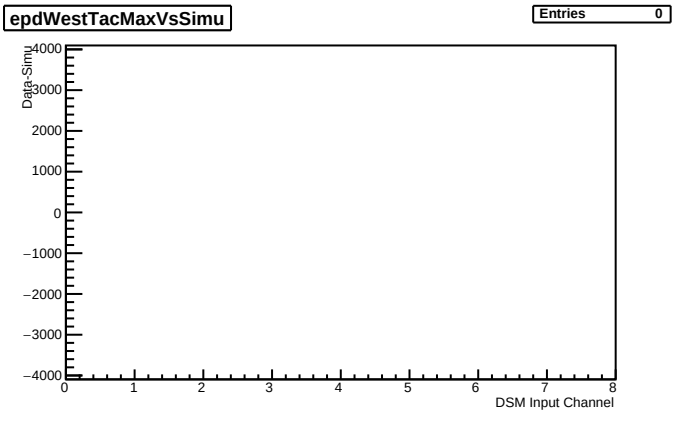

epdEastTacMax
Entries 3000248
TAC
DSM Input Channel

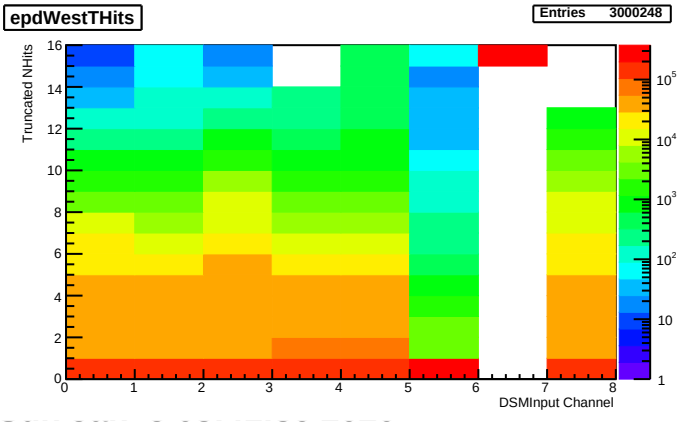

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

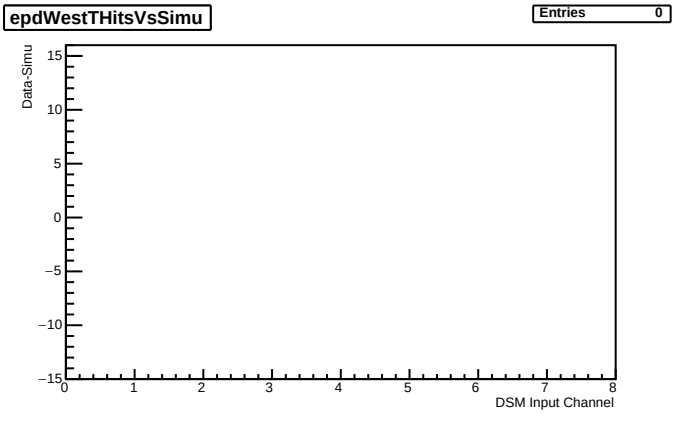

epdEastTHits
Entries 3000248
Truncated NHits
DSMInput Channel

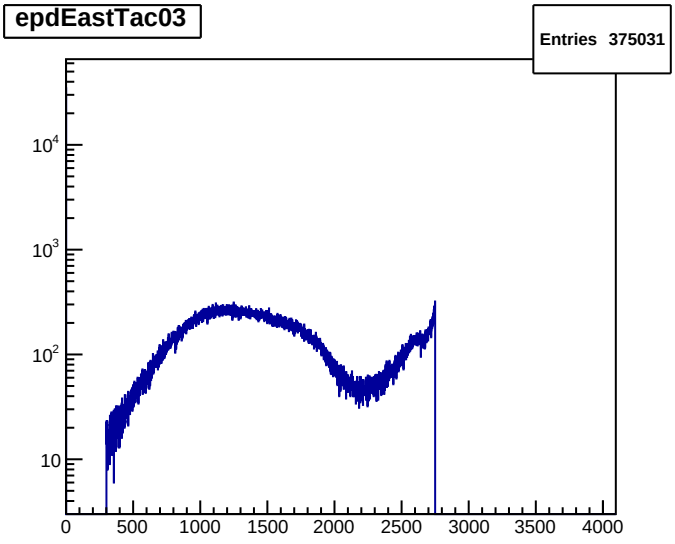

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

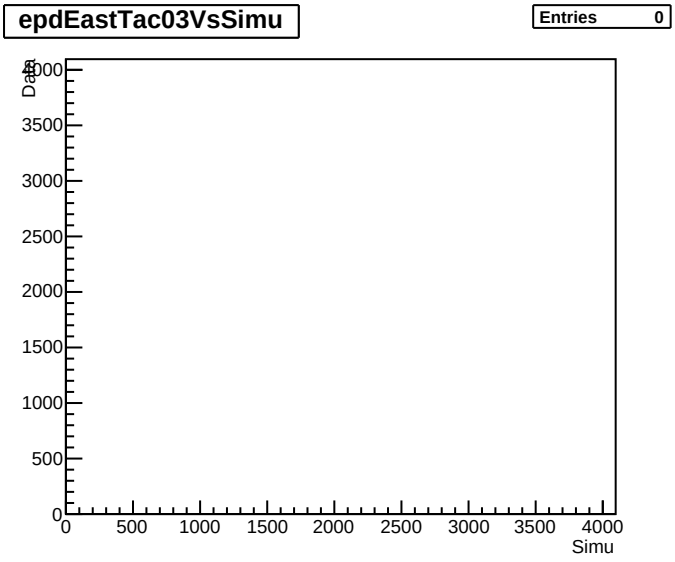

epdWestTacMax
Entries 3000248
TAC
DSM Input Channel

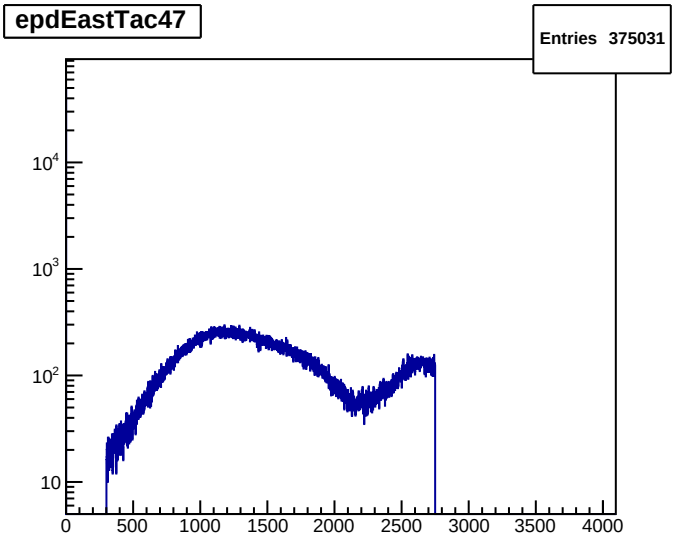

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

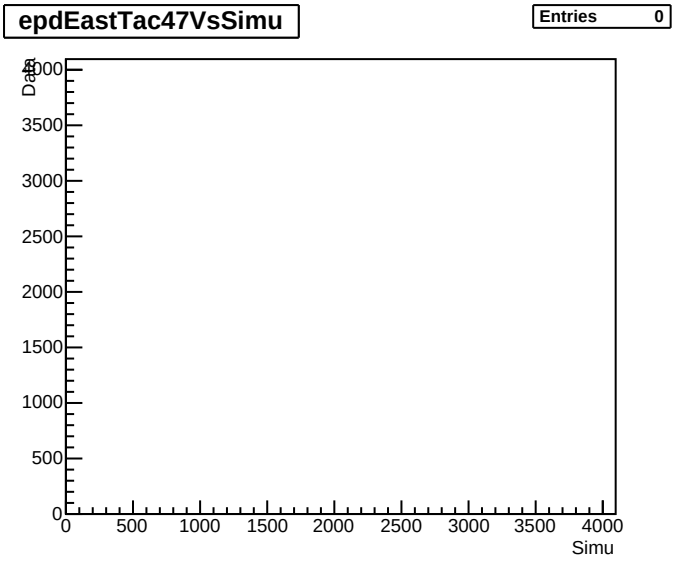

epdWestTHits
Entries 3000248
Truncated NHits
DSMInput Channel

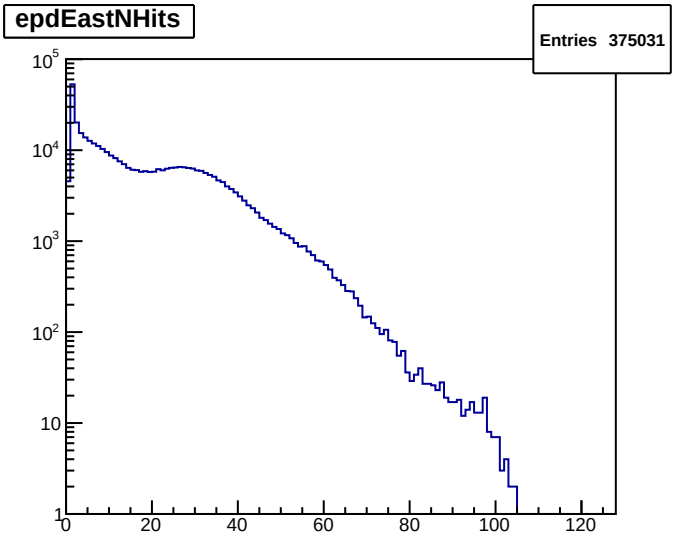

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

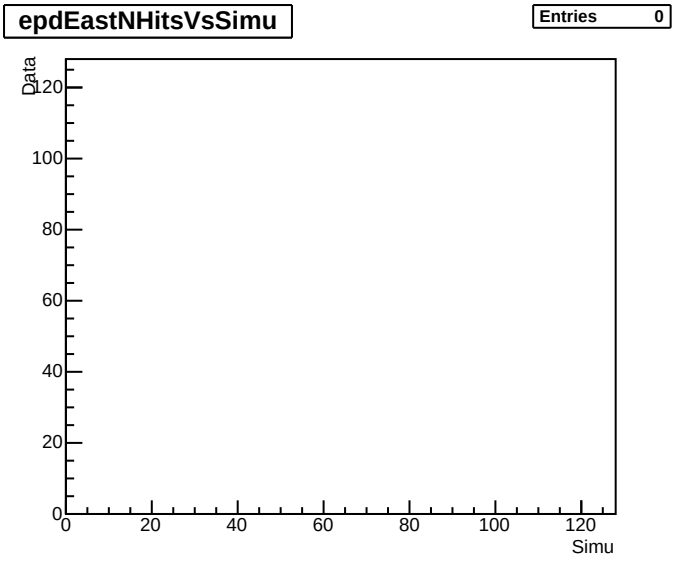

epdEastTac03
Entries 375031

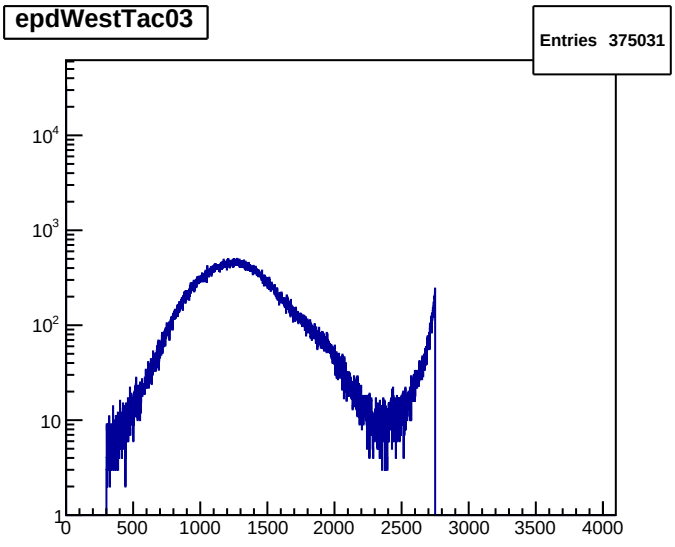

epdEastTac03VsSimu
Entries 0
Data
Simu

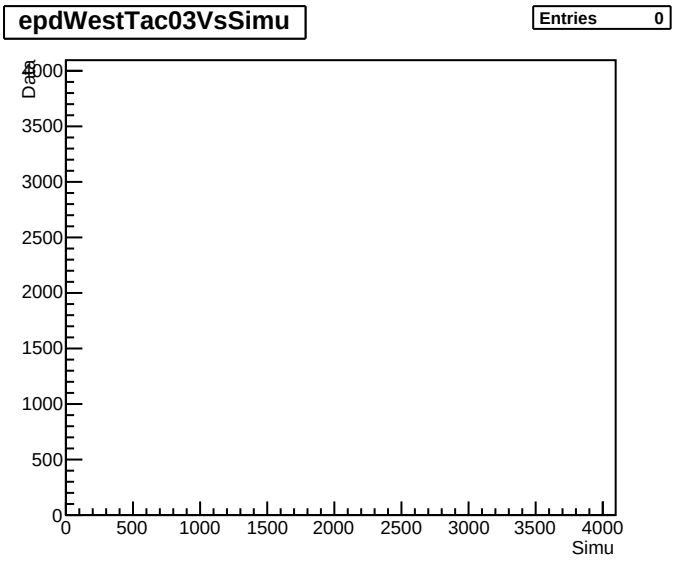

epdEastTac47
Entries 375031

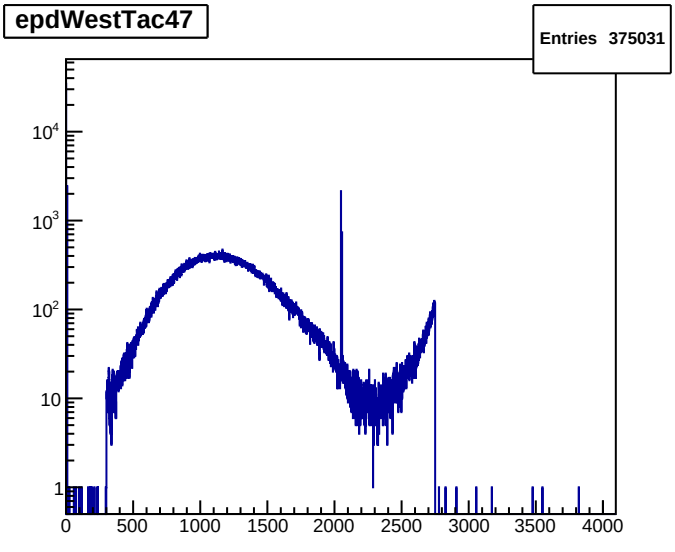

epdEastTac47VsSimu
Entries 0
Data
Simu

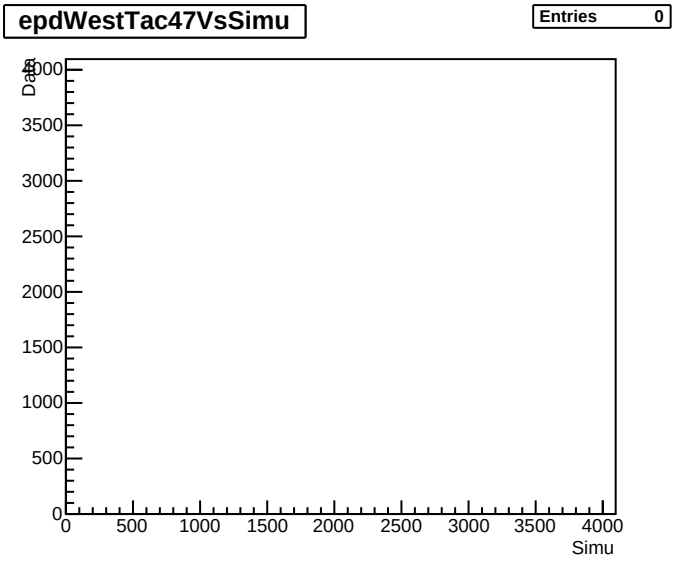

epdEastNHits
Entries 375031

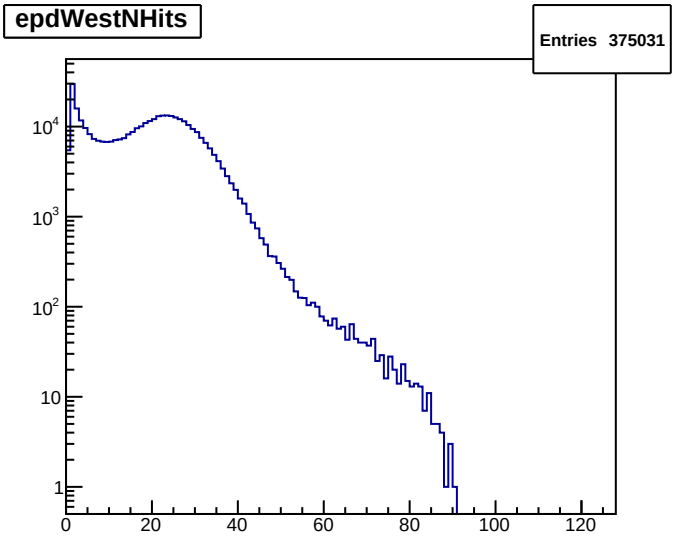

epdEastNHitsVsSimu
Entries 0
Data
Simu

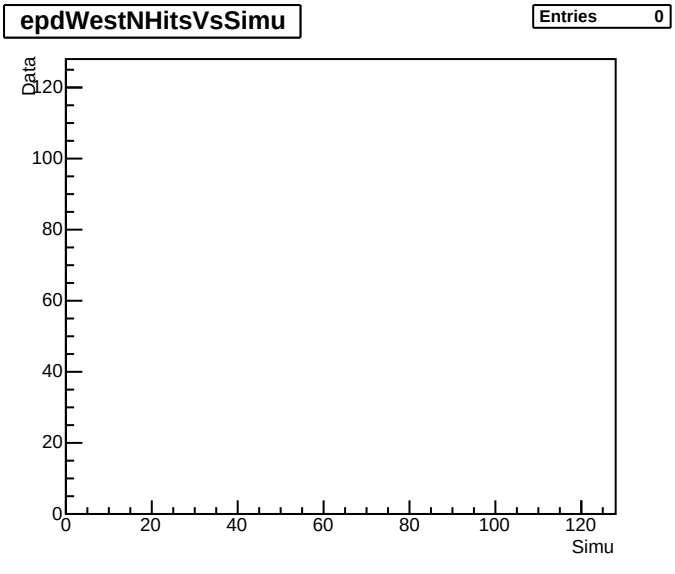

epdWestTac03
Entries 375031

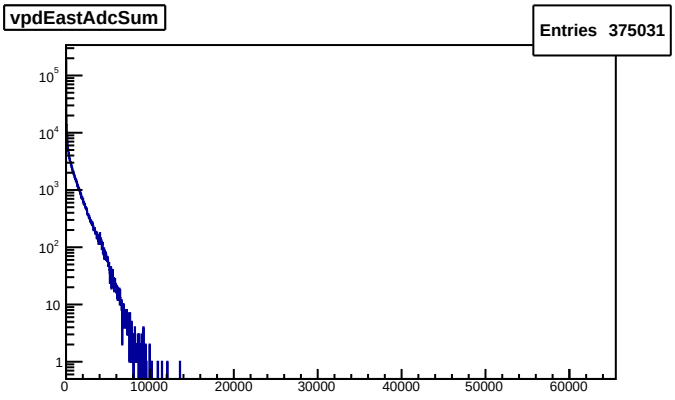

epdWestTac03VsSimu
Entries 0
Data
Simu

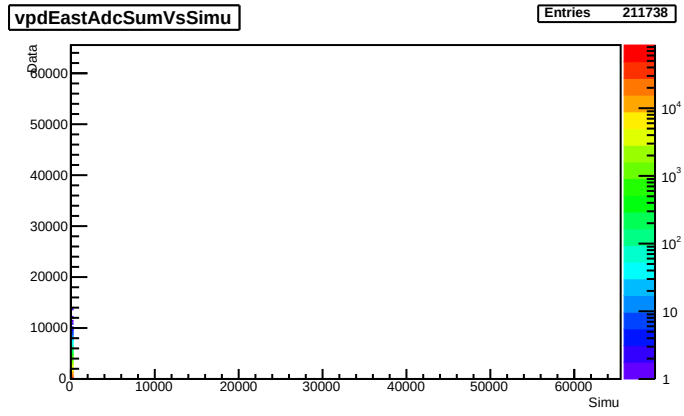

epdWestTac47
Entries 375031

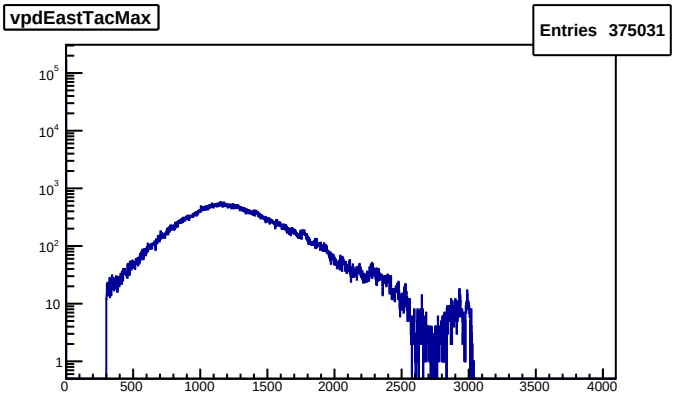

epdWestTac47VsSimu
Entries 0
Data
Simu

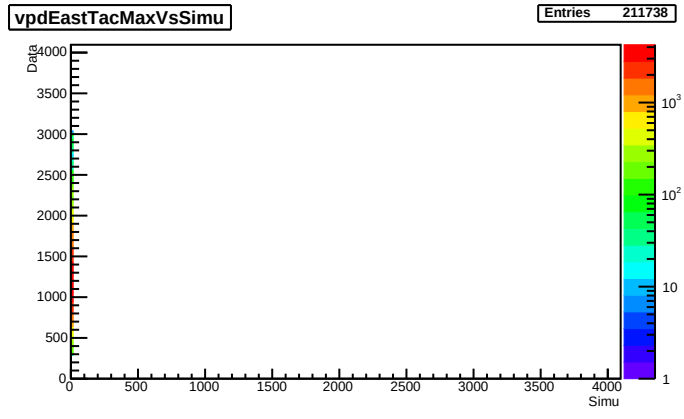

epdWestNHits
Entries 375031

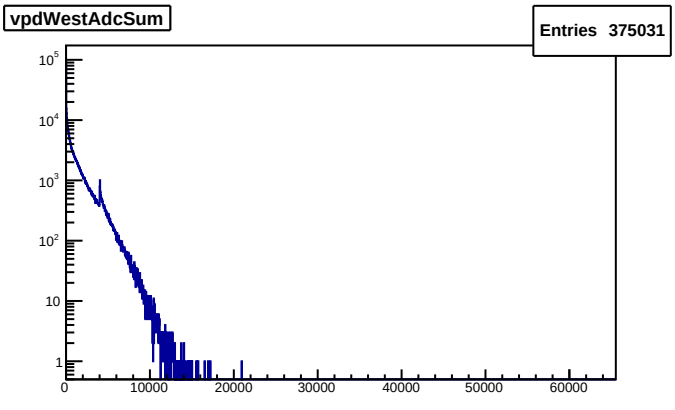

epdWestNHitsVsSimu
Entries 0
Data
Simu

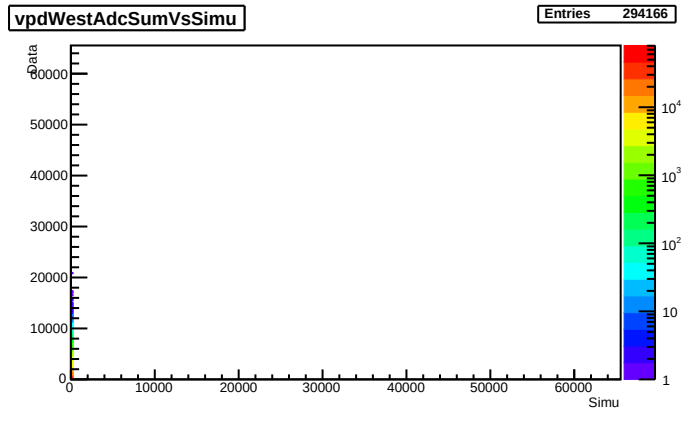

vpdEastAdcSum
Entries 375031

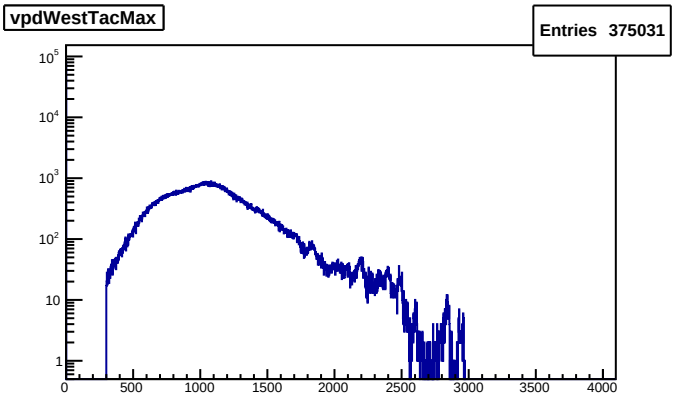

vpdEastAdcSumVsSimu
Entries 211738
Data
Simu

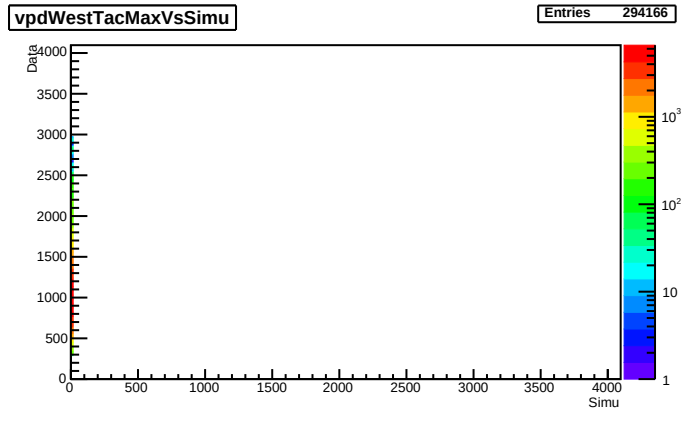

vpdEastTacMax
Entries 375031

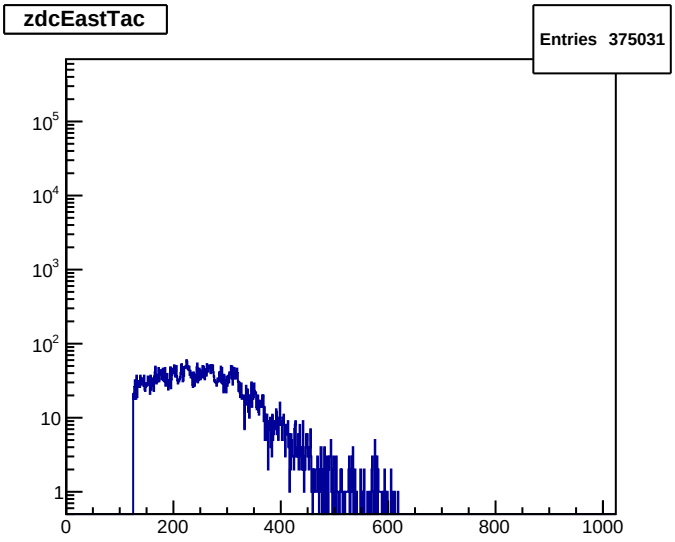

vpdEastTacMaxVsSimu
Entries 211738
Data
Simu

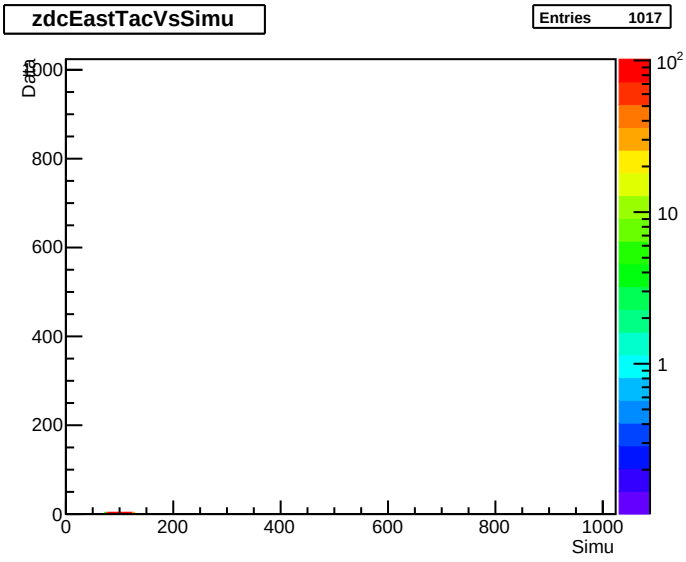

vpdWestAdcSum
Entries 375031

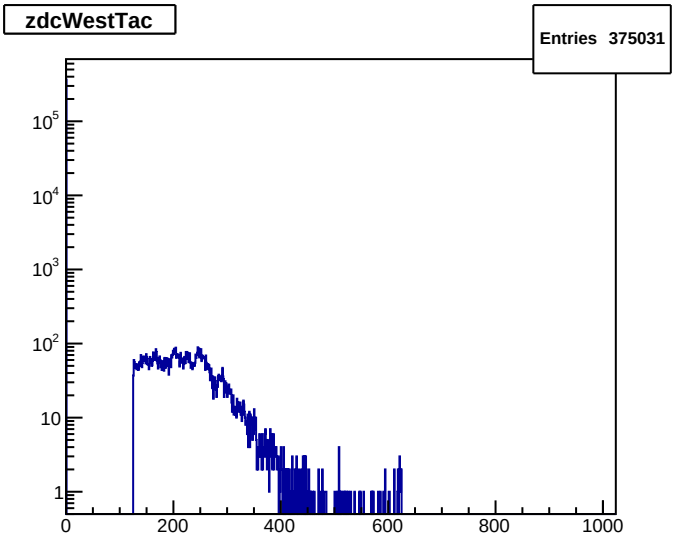

vpdWestAdcSumVsSimu
Entries 294166
Data
Simu

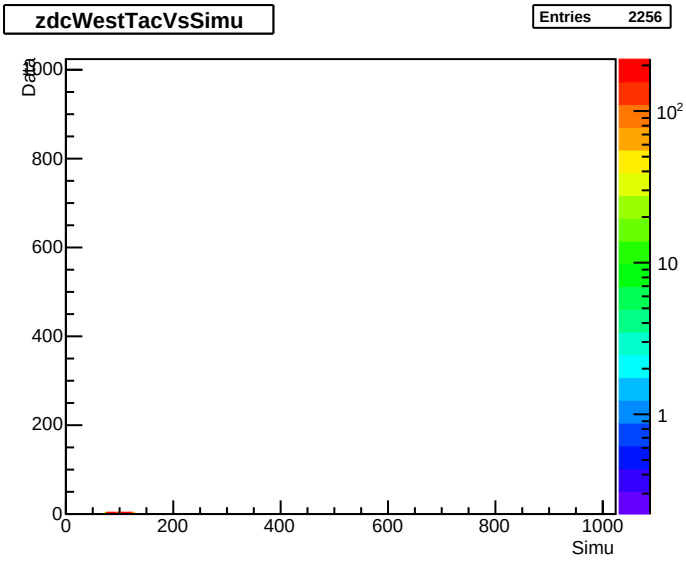

vpdWestTacMax
Entries 375031

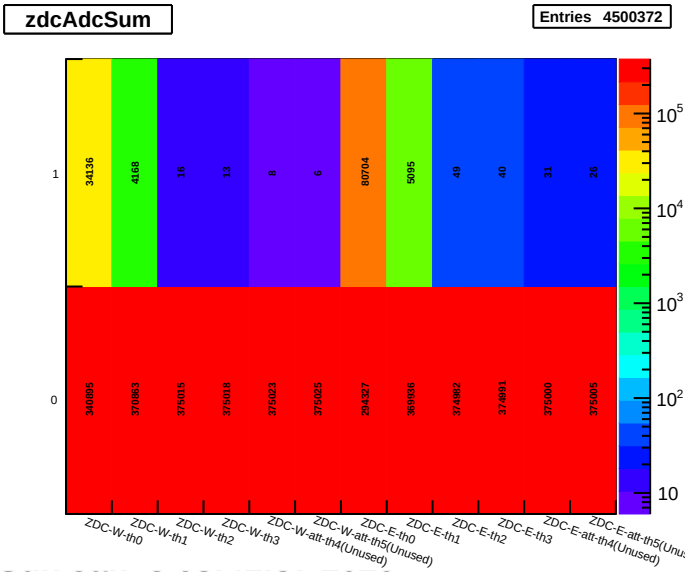

vpdWestTacMaxVsSimu
Entries 294166
Data
Simu

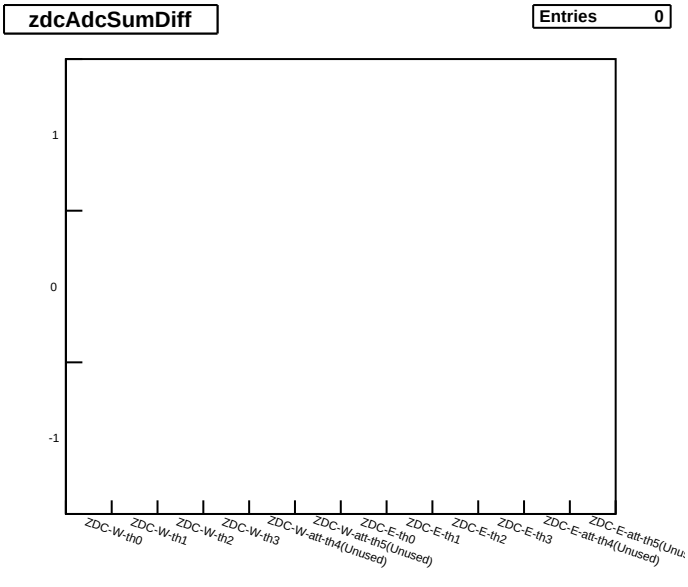

zdcEastTac
Entries 375031

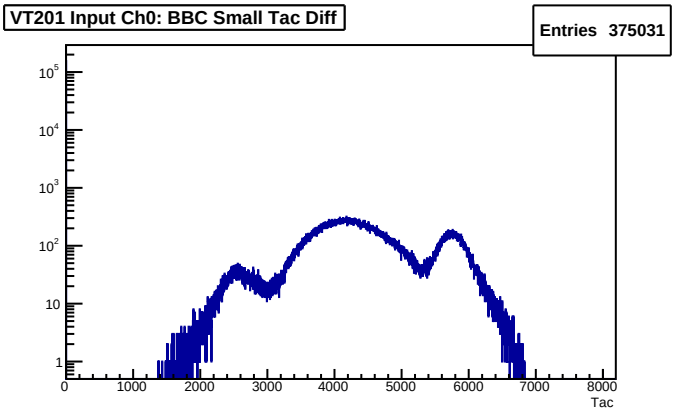

zdcEastTacVsSimu
Entries 1017
Data
Simu

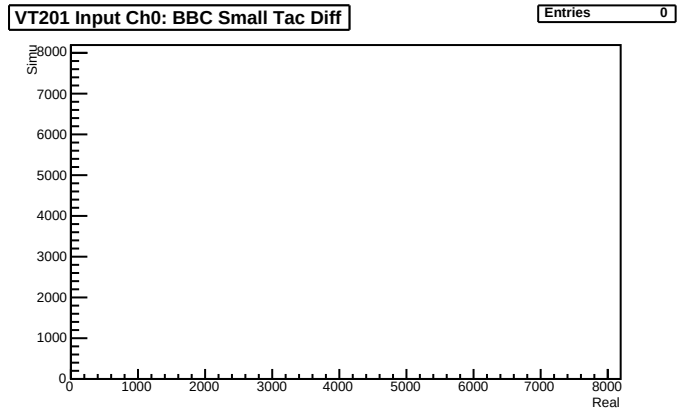

zdcWestTac
Entries 375031

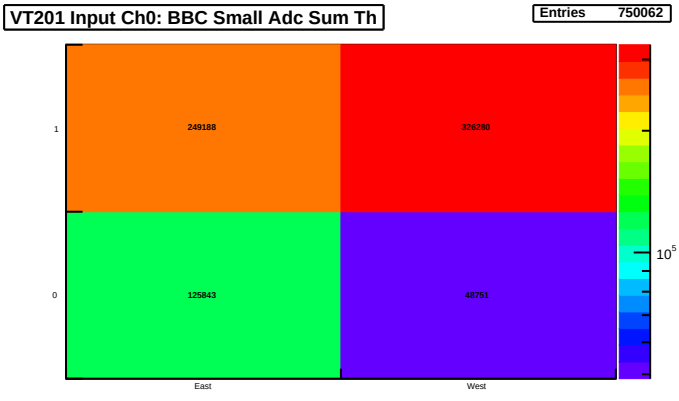

zdcWestTacVsSimu
Entries 2256
Data
Simu

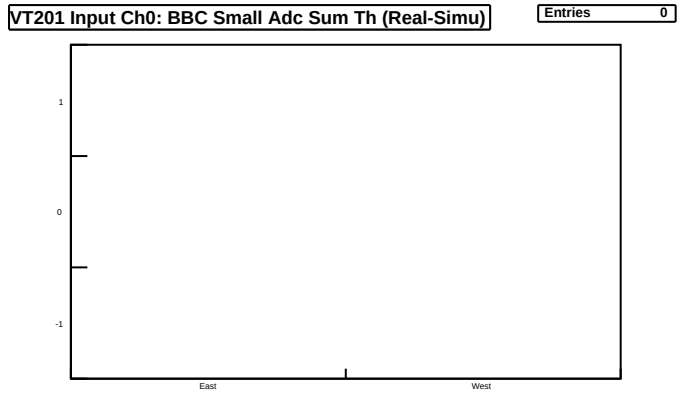

zdcAdcSum
Entries 4500372
34136
4168
16
13
8
6
80704
5095
49
40
31
26
340895
370863
375015
375018
375023
375025
294327
369936
374882
374991
375000
375005
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

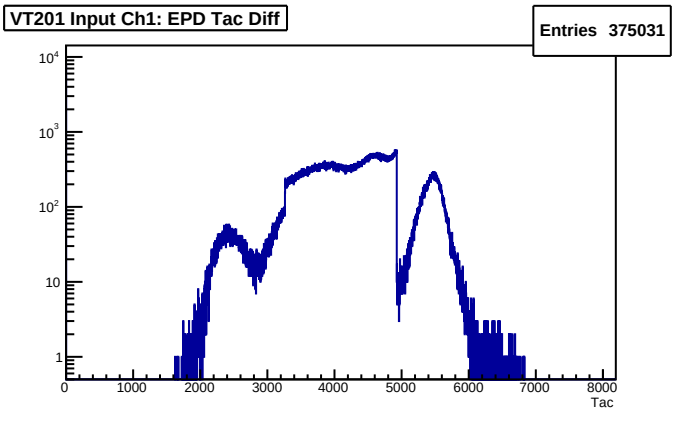

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

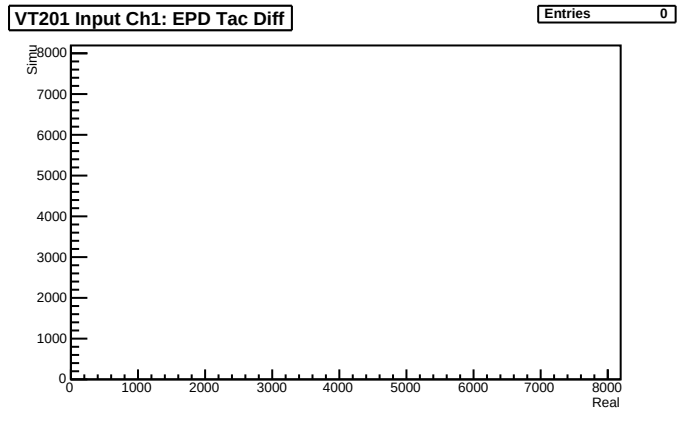

VT201 Input Ch0: BBC Small Tac Diff
Entries 375031
Tac

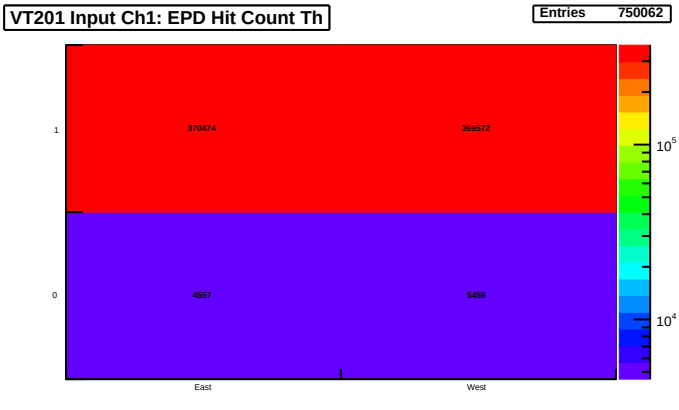

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

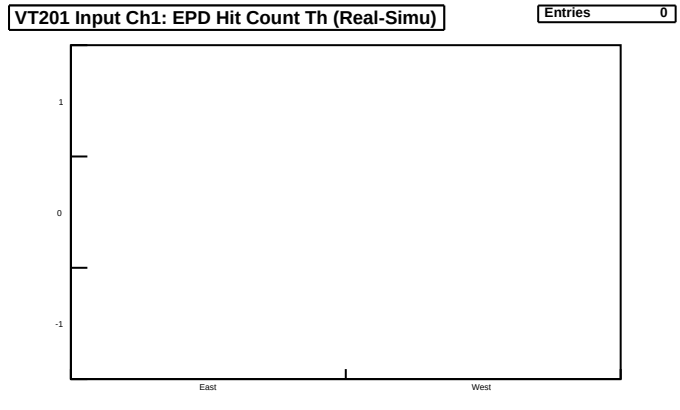

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 750062
249188
326280
125843
49751
East
West

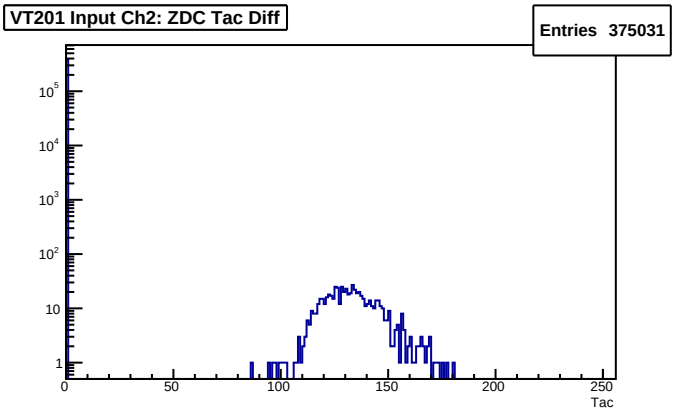

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

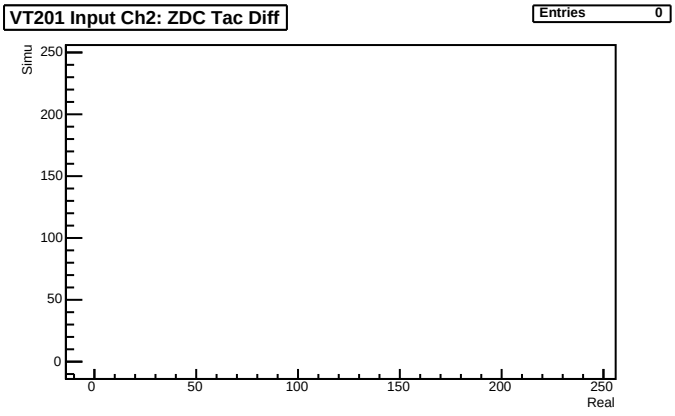

VT201 Input Ch1: EPD Tac Diff
Entries 375031
Tac

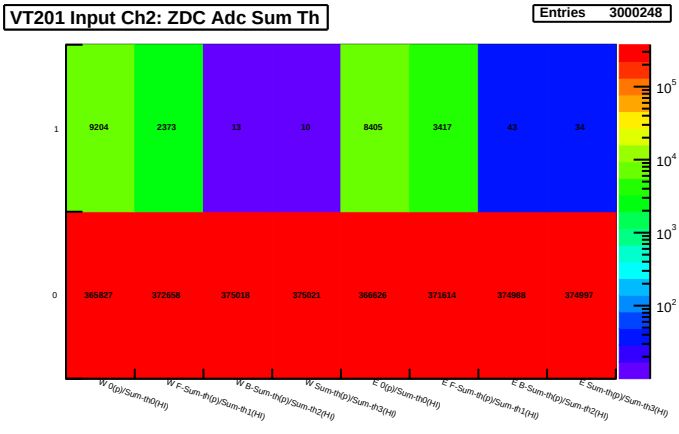

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

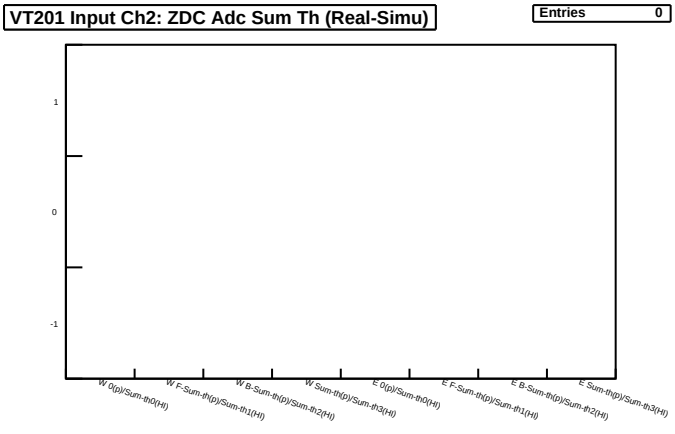

VT201 Input Ch1: EPD Hit Count Th
Entries 750062
370474
369572
4557
5459
East
West

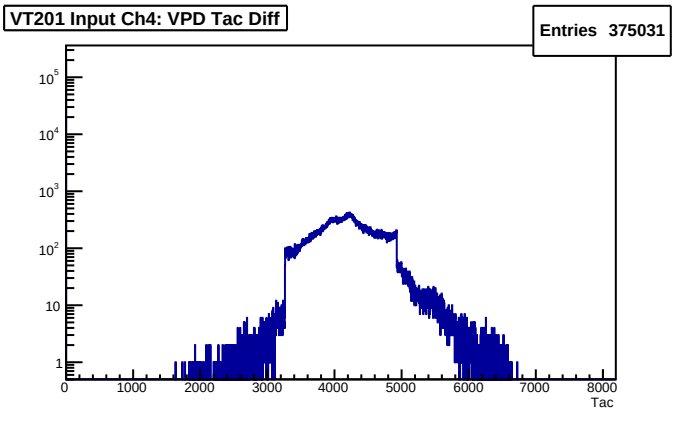

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

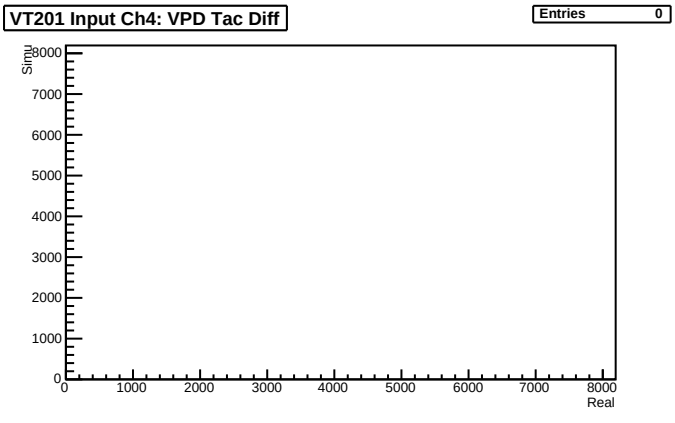

VT201 Input Ch2: ZDC Tac Diff
Entries 375031
Tac

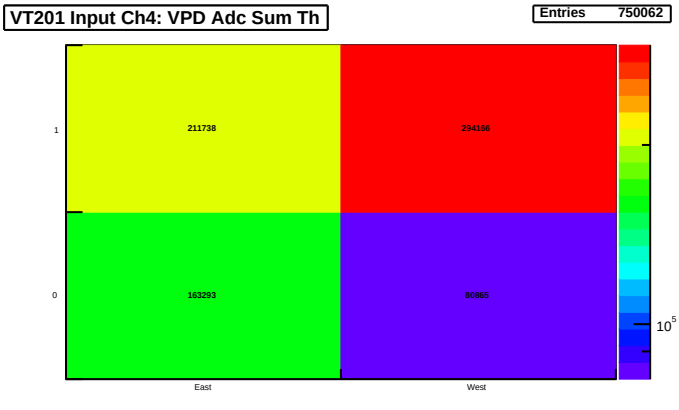

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

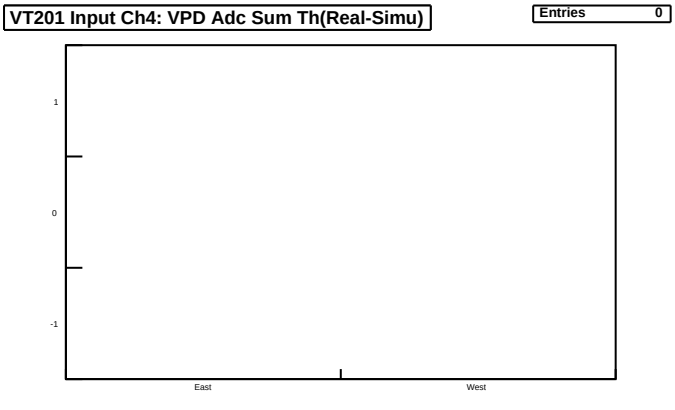

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3000248
9204
2373
13
10
8405
3417
43
34
365827
372658
375018
375021
366626
371614
374988
374997
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

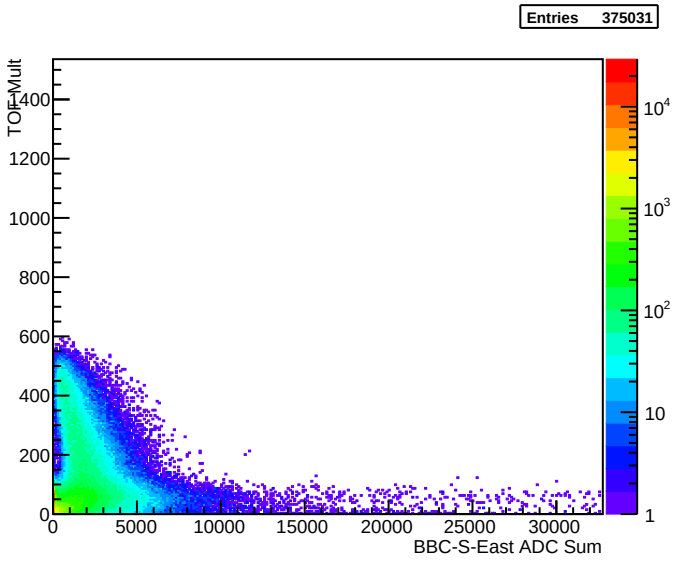

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

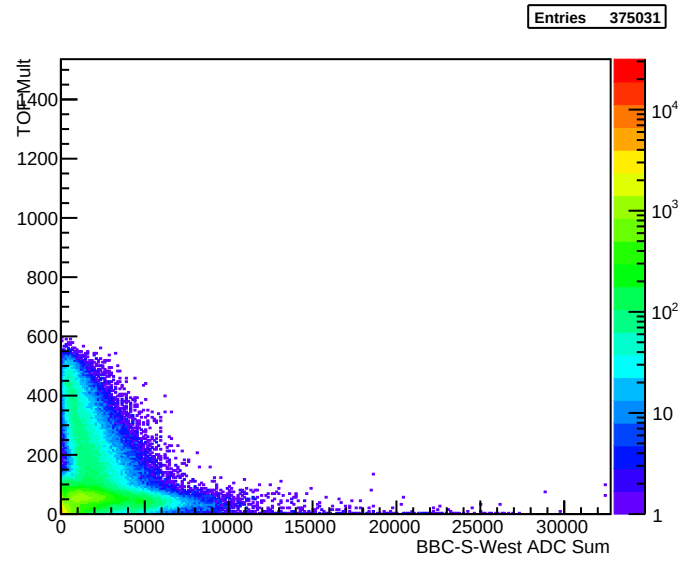

VT201 Input Ch4: VPD Tac Diff
Entries 375031
Tac

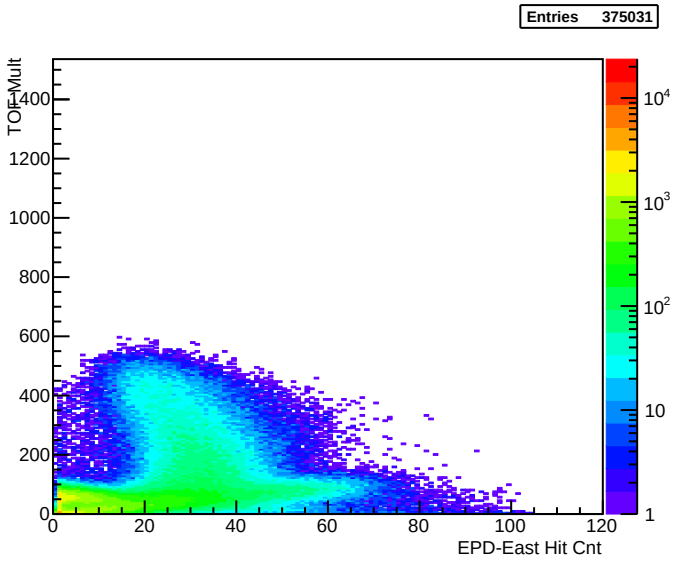

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

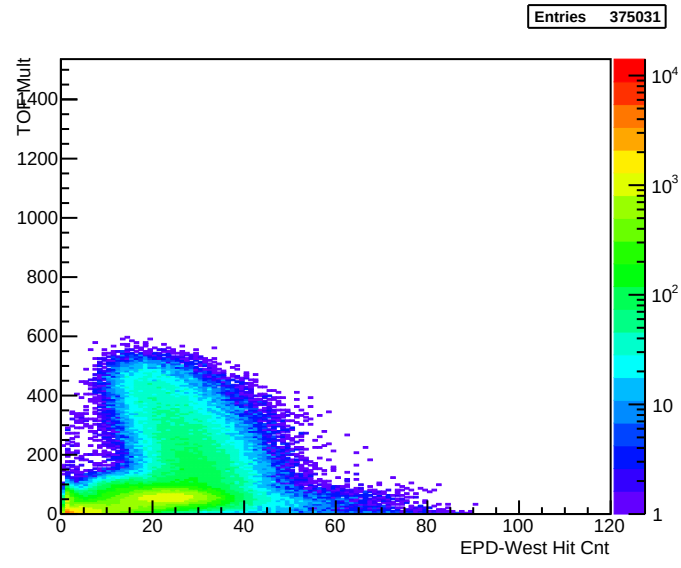

VT201 Input Ch4: VPD Adc Sum Th
Entries 750062
211738
294166
163293
80865
East
West

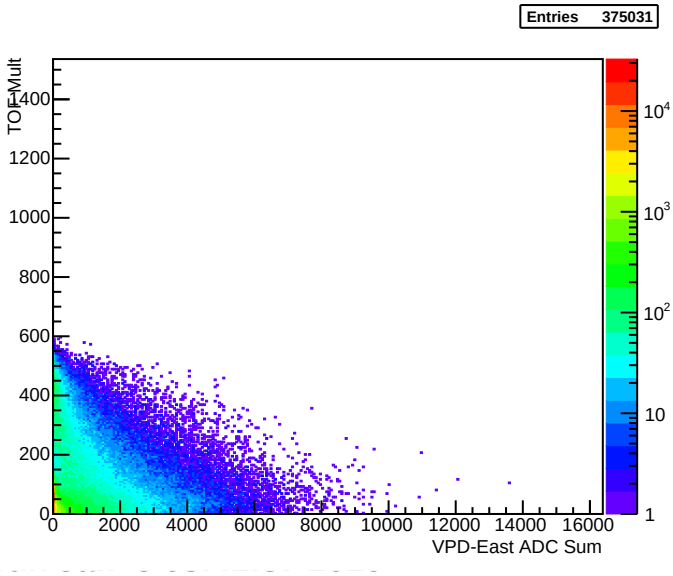

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

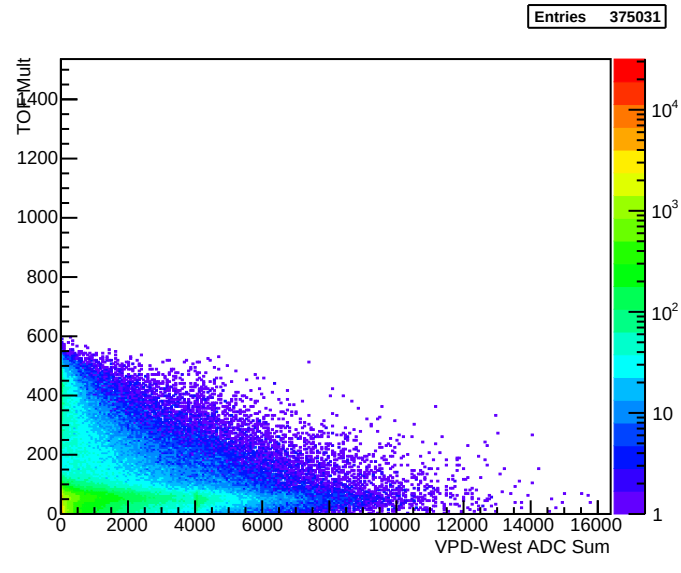

Entries 375031
TOF-Mult
BBC-S-East ADC Sum

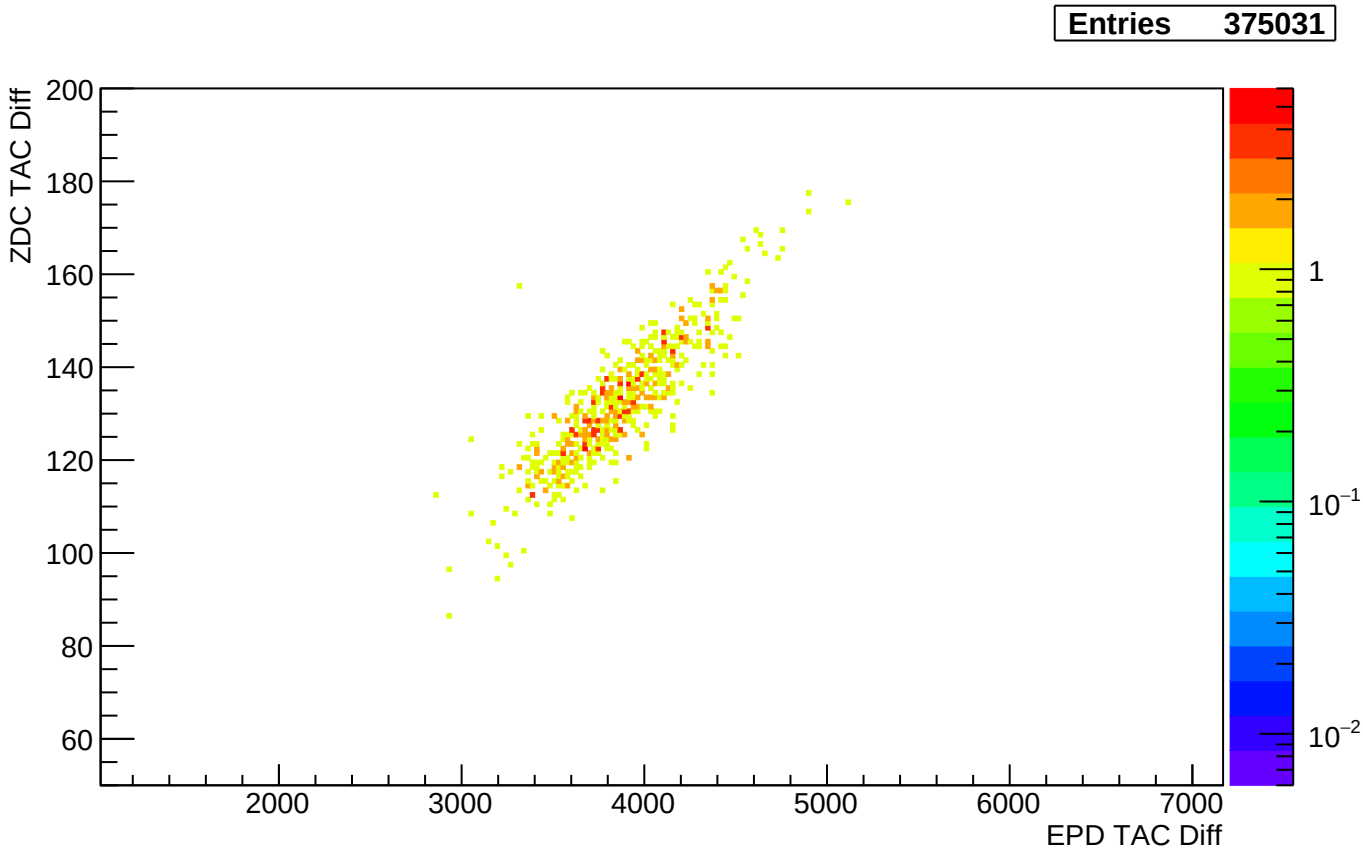

Entries 375031
TOF-Mult
BBC-S-West ADC Sum

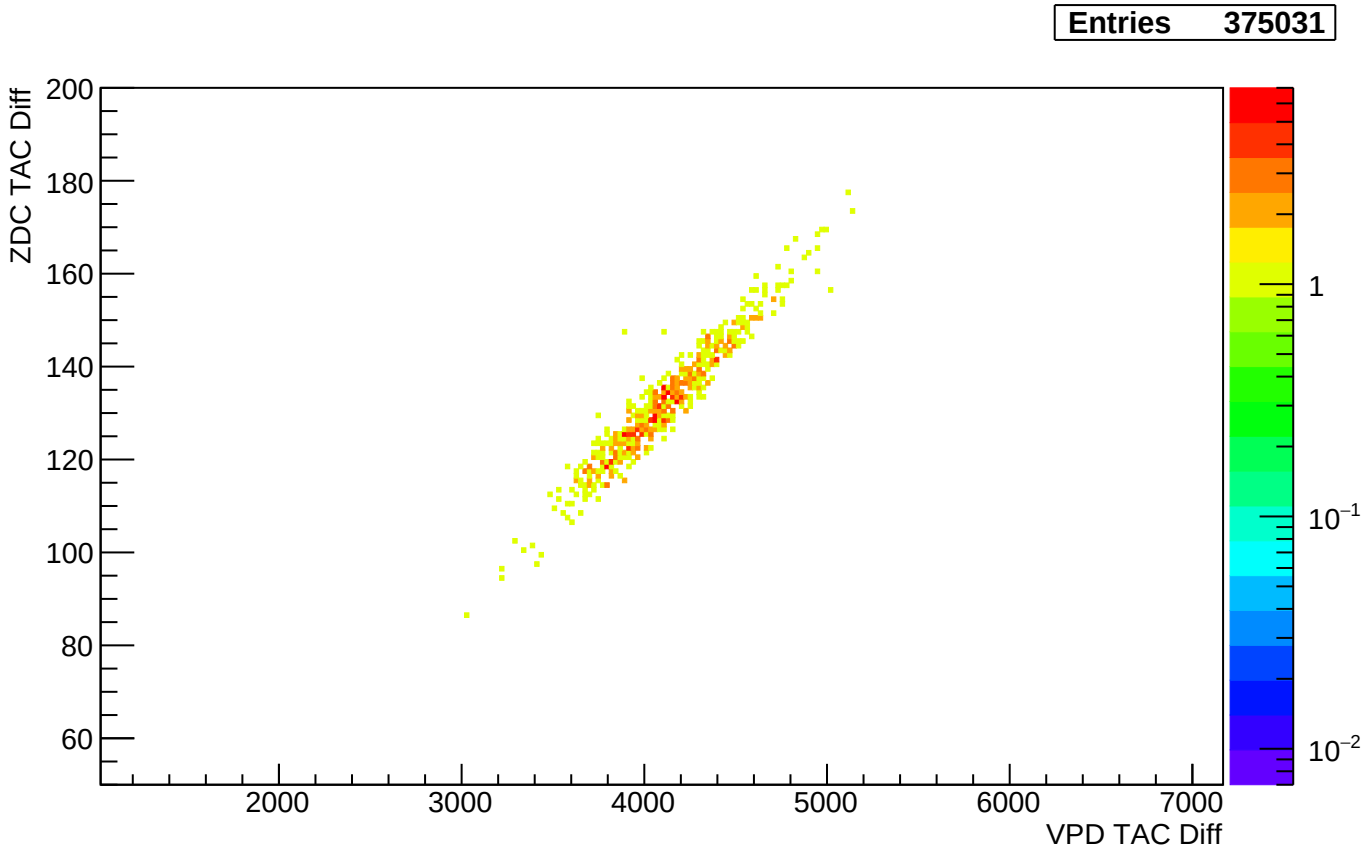

Entries 375031
TOF-Mult
EPD-East Hit Cnt

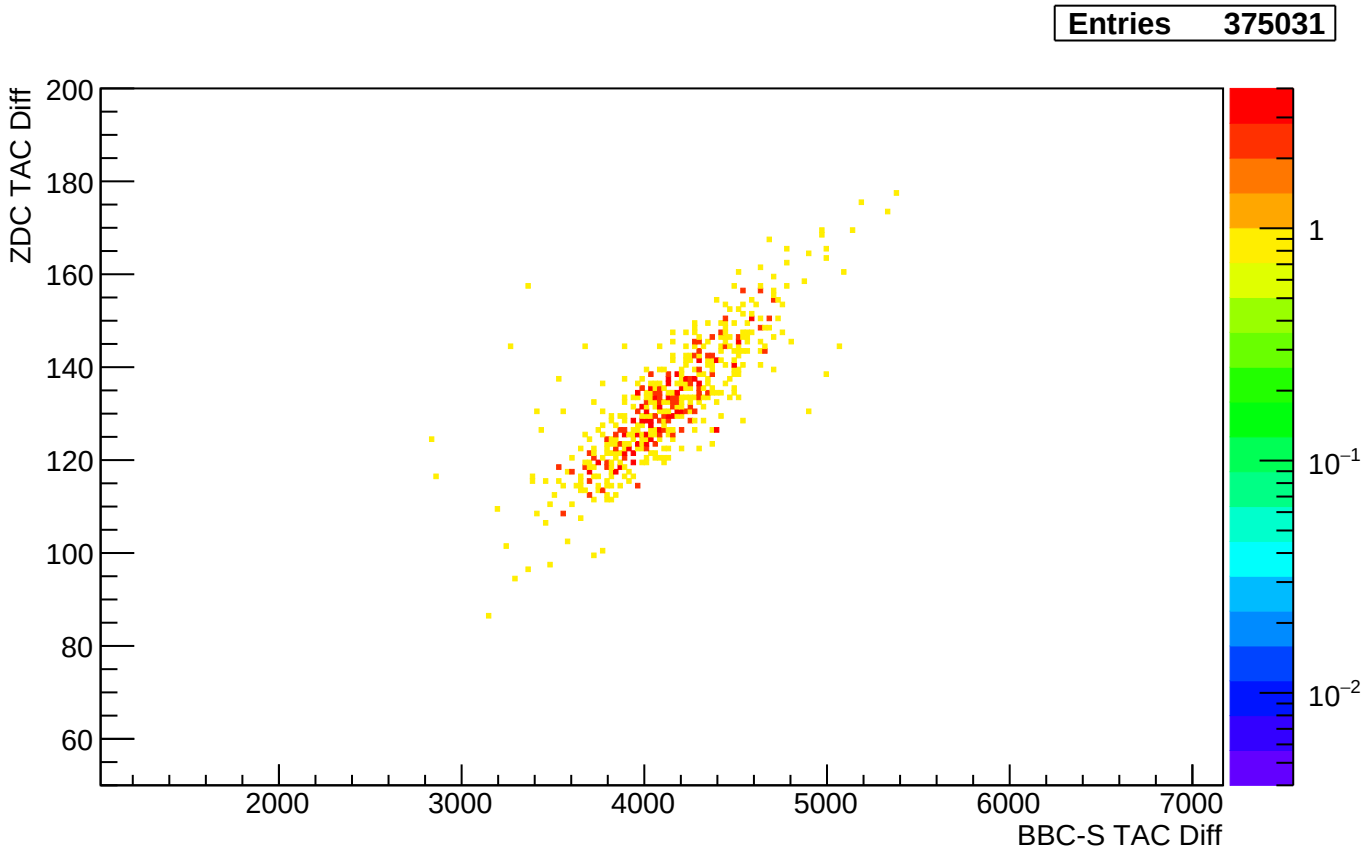

Entries 375031
TOF-Mult
EPD-West Hit Cnt

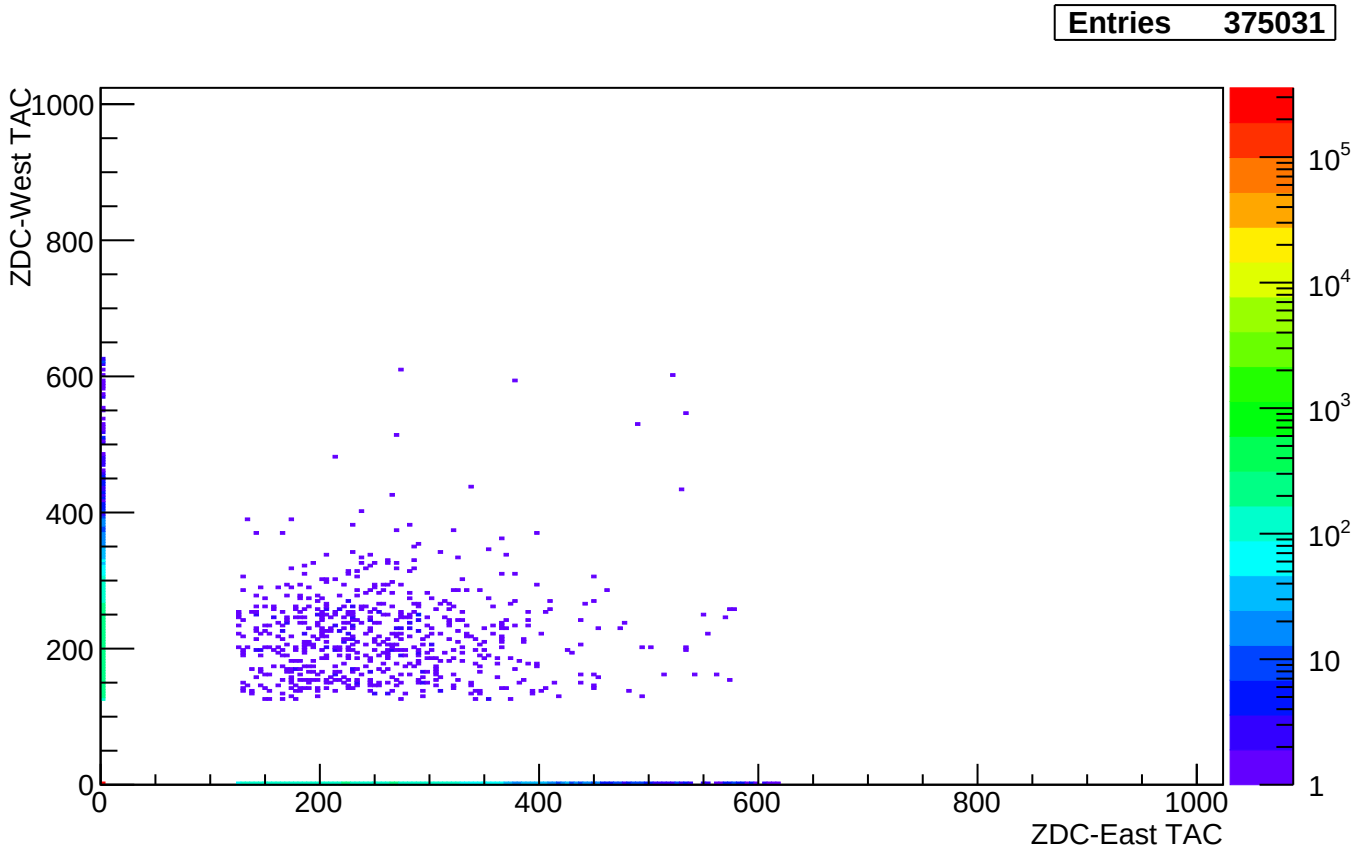

Entries 375031
TOF-Mult
VPD-East ADC Sum

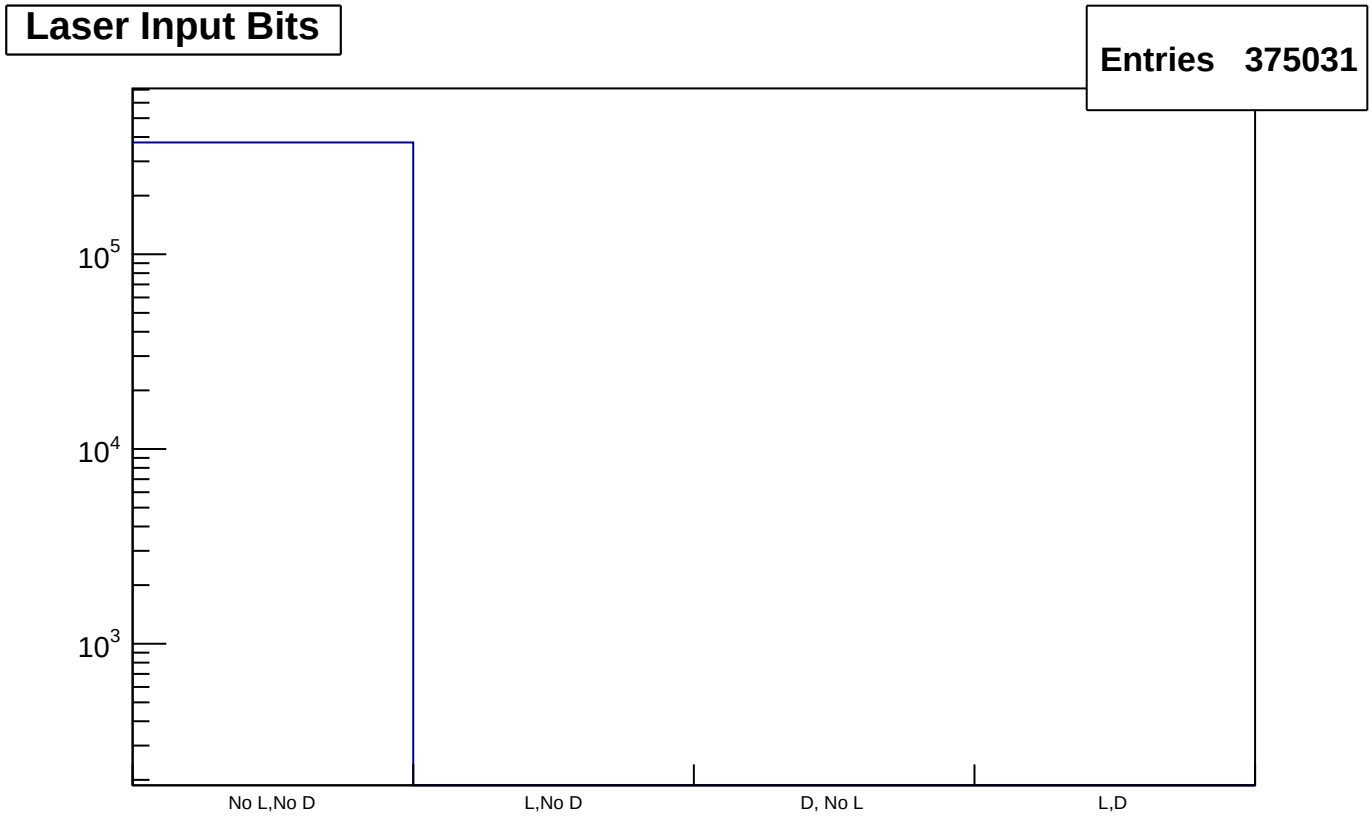

Entries 375031
TOF-Mult
VPD-West ADC Sum

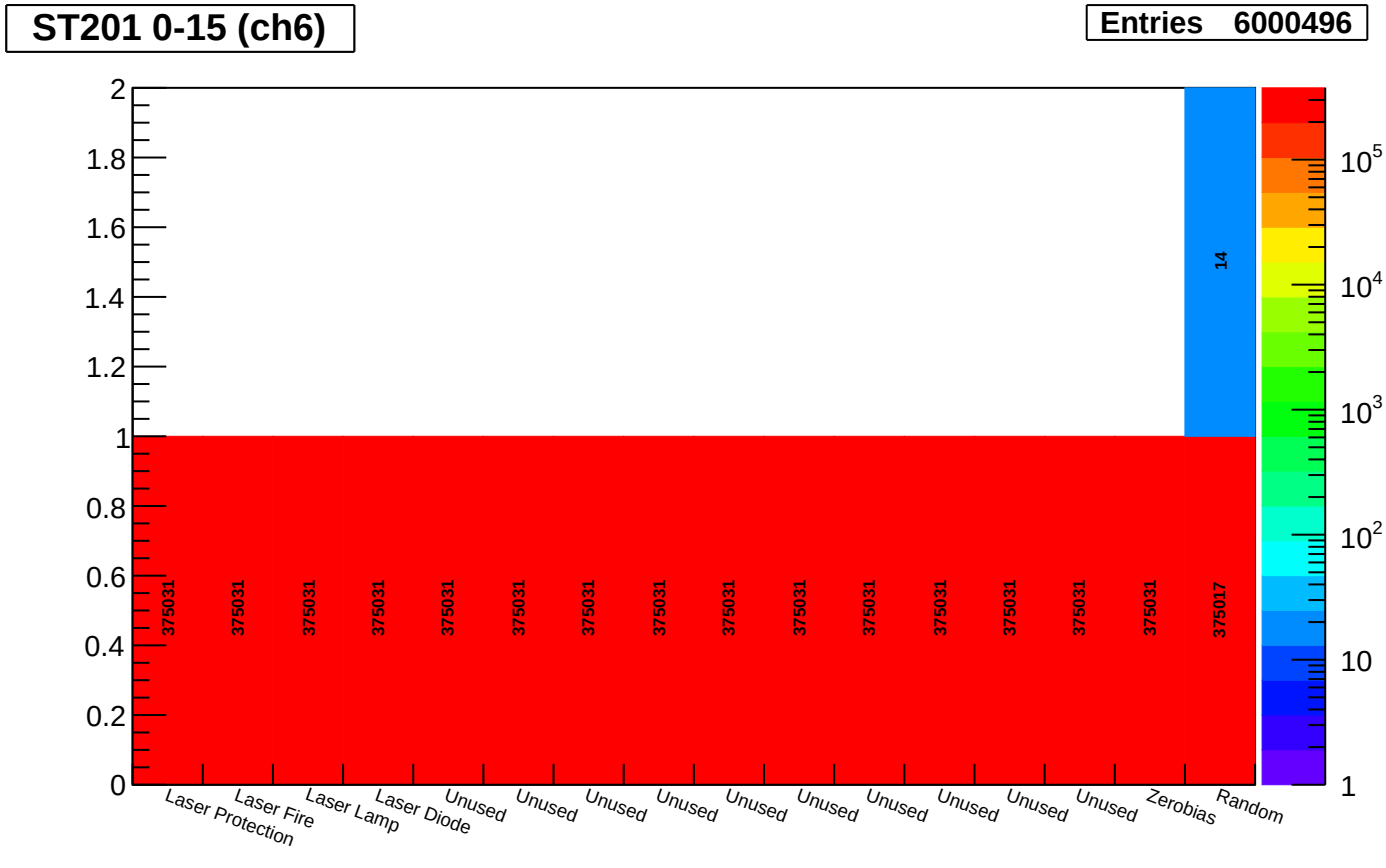

Entries 375031
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

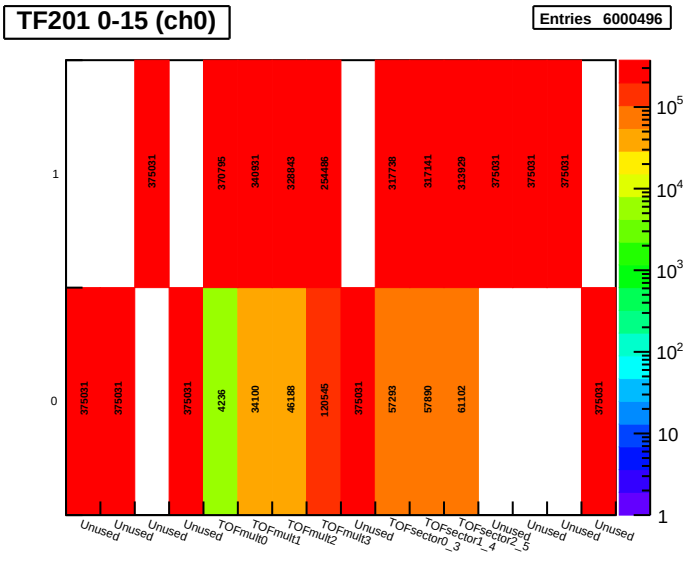

Entries 375031
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

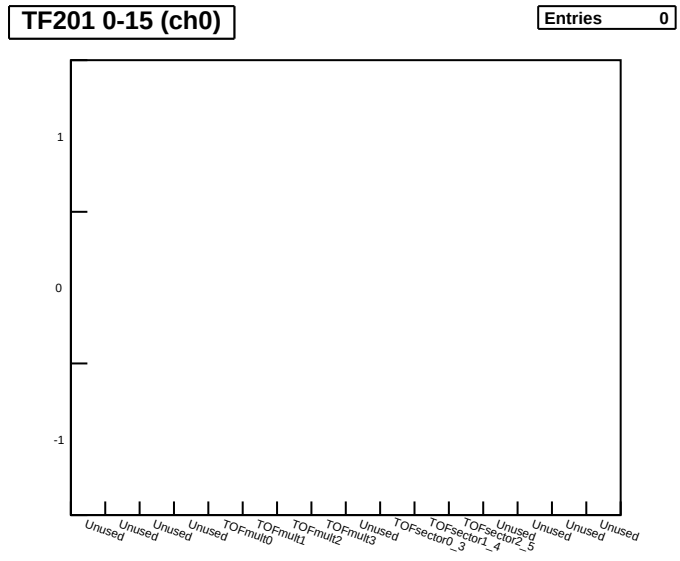

Entries 375031
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

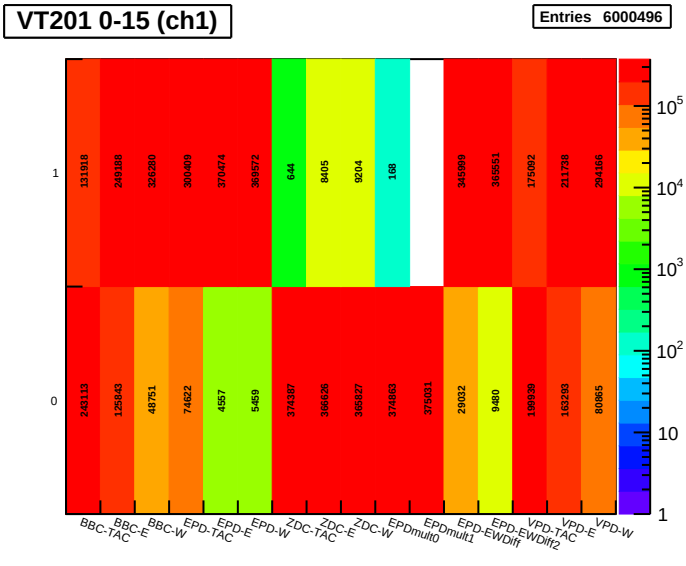

Entries 375031
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

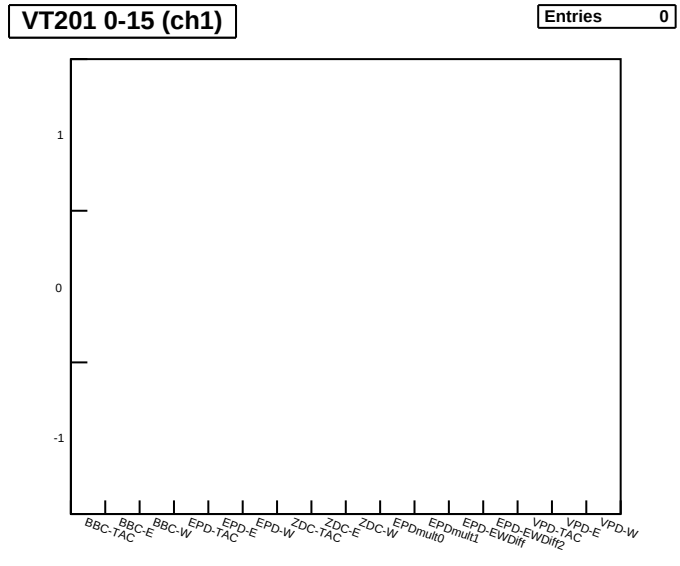

Laser Input Bits
Entries 375031
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

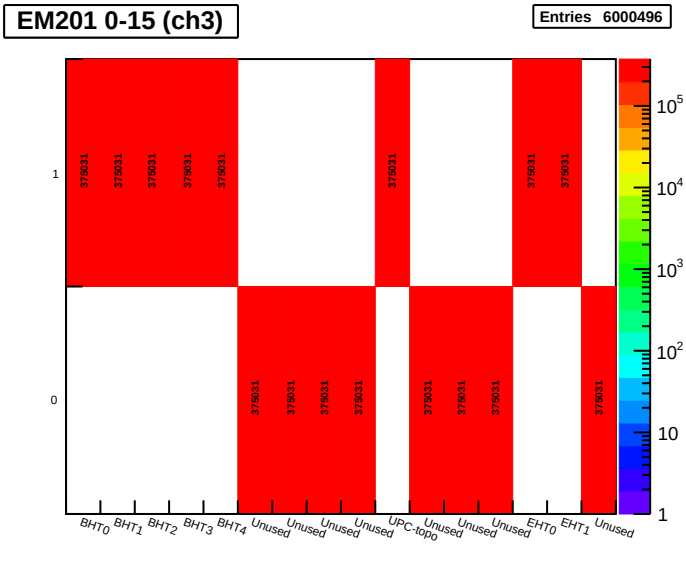

ST201 0-15 (ch6)
Entries 6000496
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
14
375031
375017
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

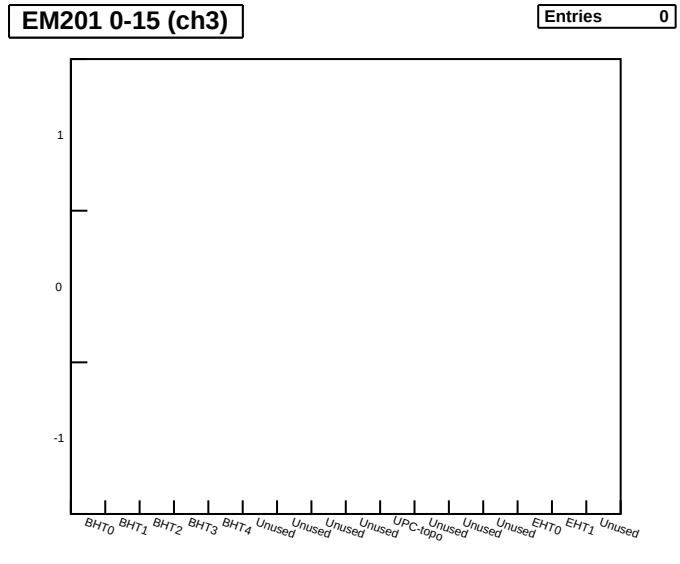

TF201 0-15 (ch0)
Entries 6000496
1
0
375031
370795
340931
328843
254486
317738
317741
313929
375031
375031
375031
375031
375031
375031
4236
34100
46188
120545
57293
57890
61102
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 6000496
1
0
131918
249188
326280
300409
370474
369572
644
8405
9204
168
345999
365551
175092
211738
294166
243113
125843
48751
74622
4557
5459
374387
366626
365827
374863
375031
29032
9480
159939
163293
80865
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 6000496
1
0
375031
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