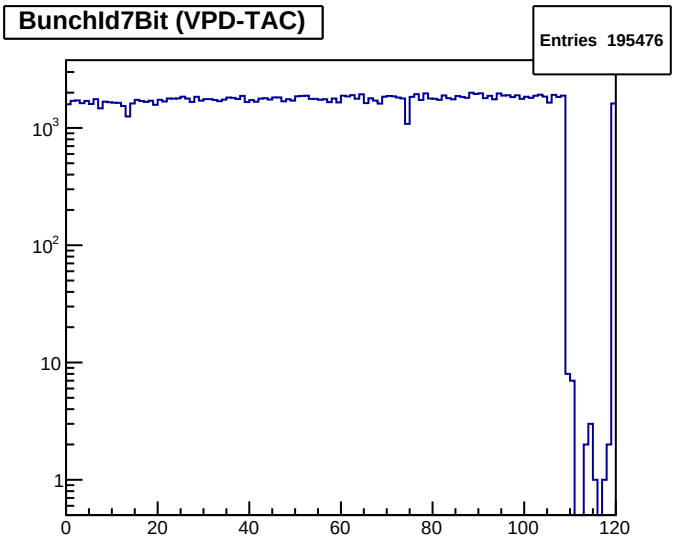
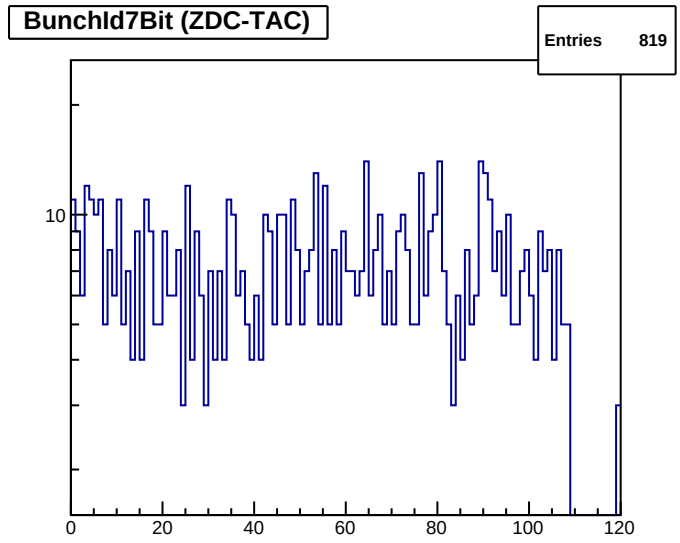
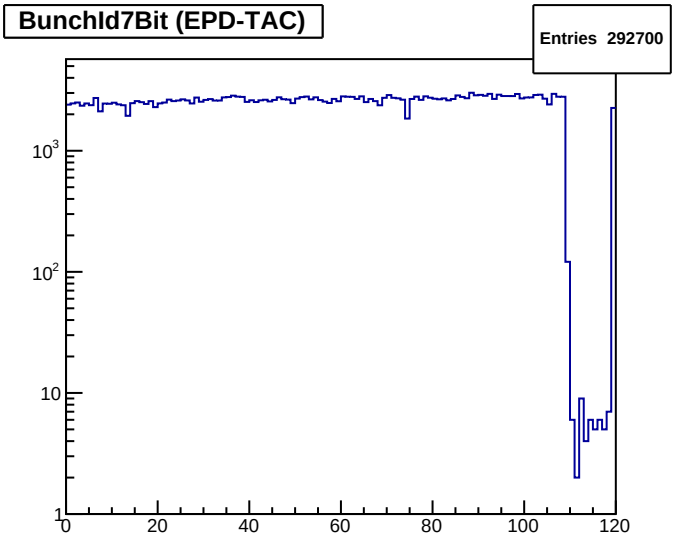
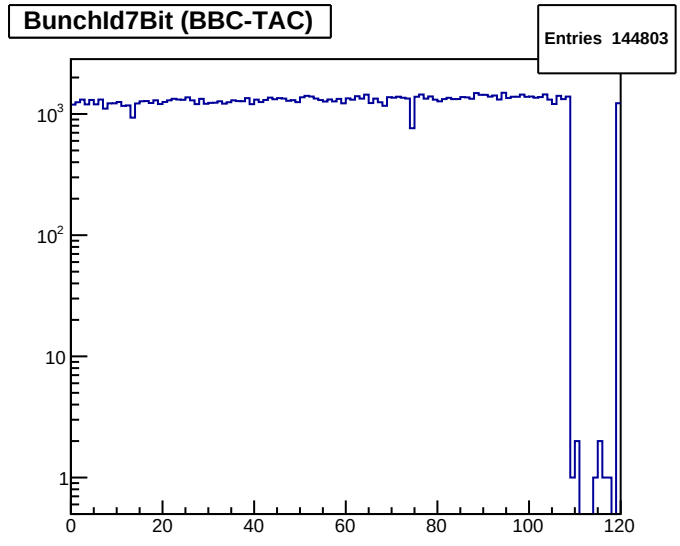
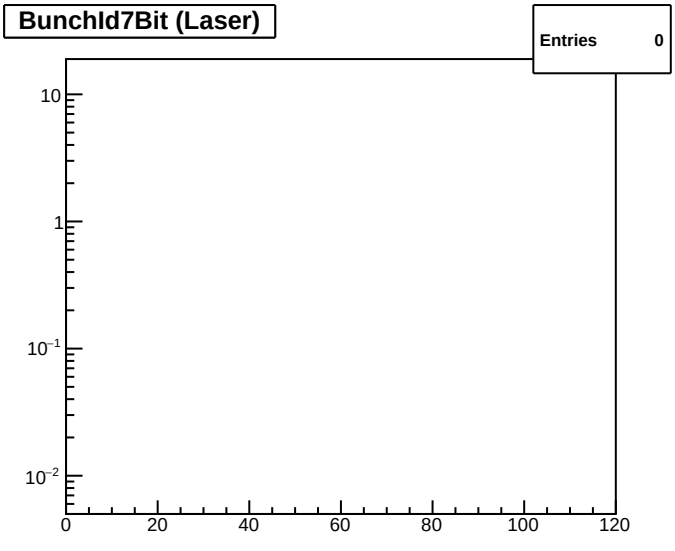
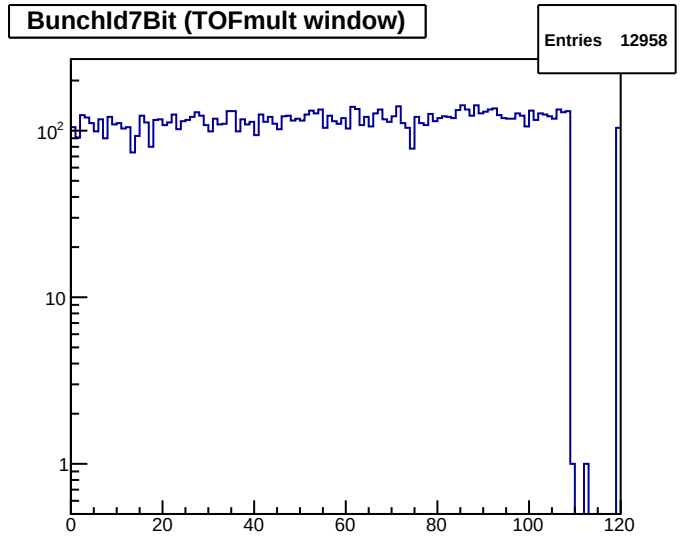

BunchId7Bit (VPD-TAC)
Entries 195476

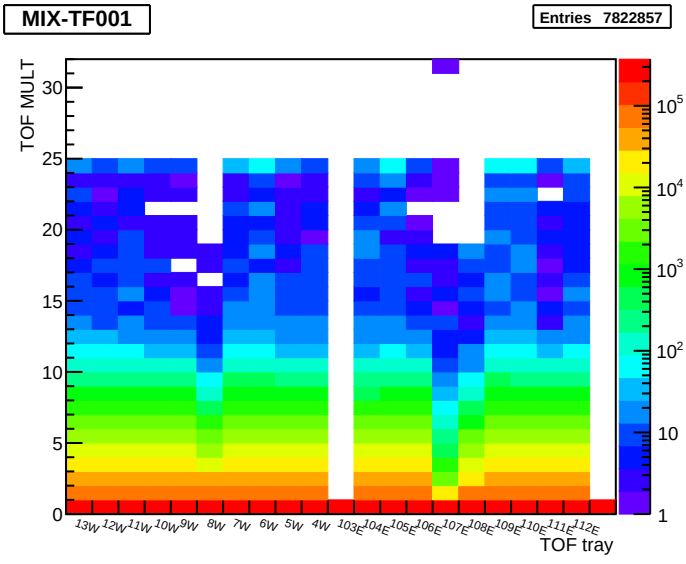

BunchId7Bit (ZDC-TAC)
Entries 819

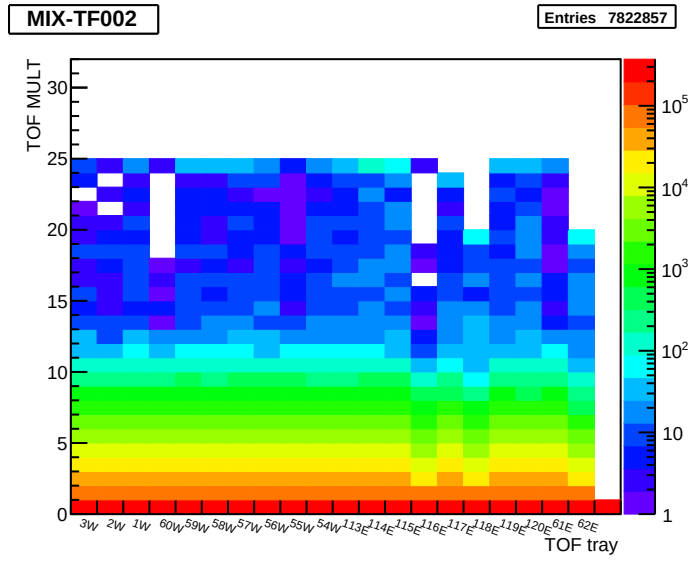

BunchId7Bit (EPD-TAC)
Entries 292700

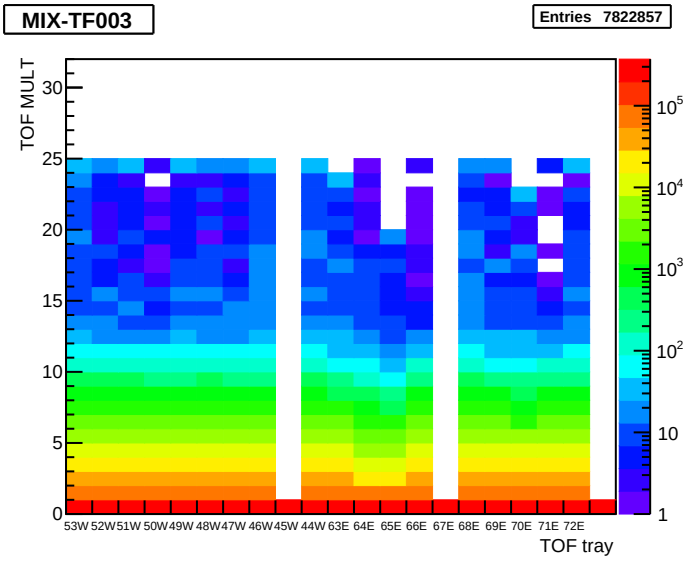

BunchId7Bit (BBC-TAC)
Entries 144803

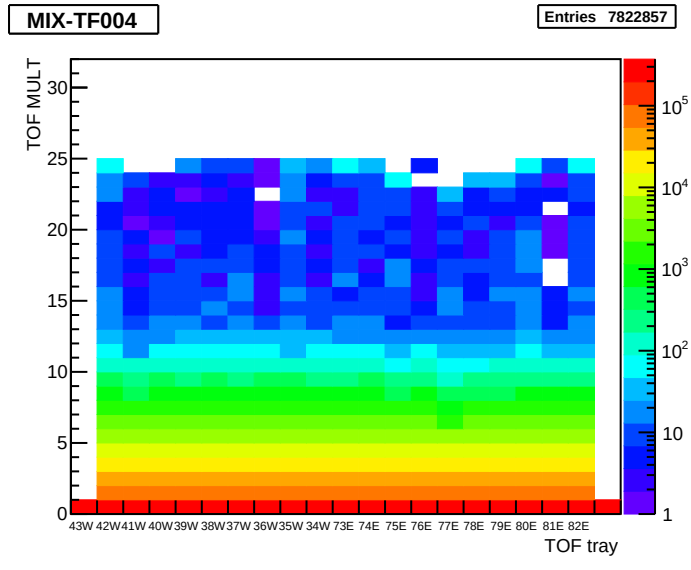

BunchId7Bit (Laser)
Entries 0

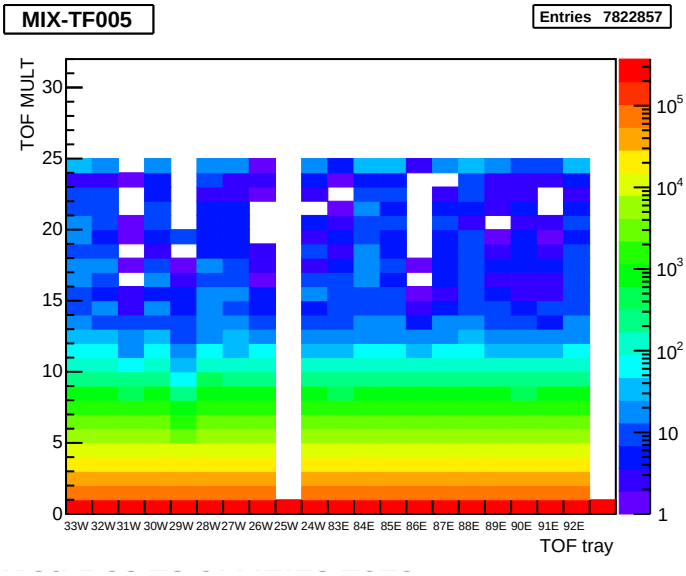

BunchId7Bit (TOFmult window)
Entries 12958

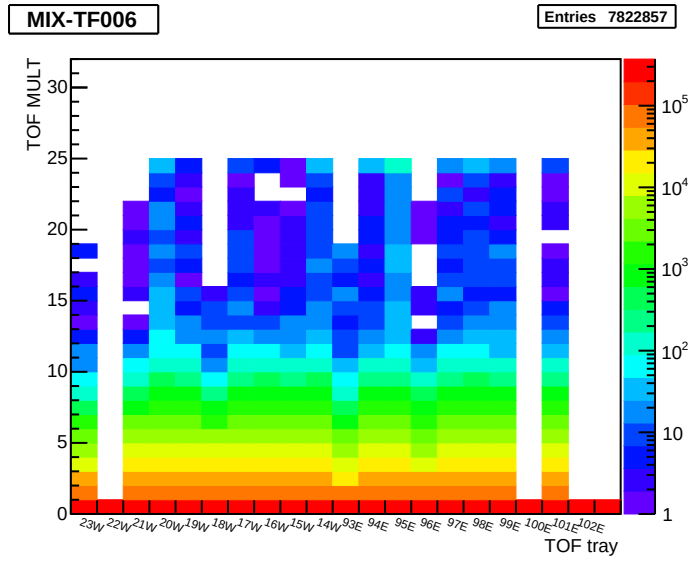

MIX-TF001
Entries 7822857
TOF MULT
TOF tray

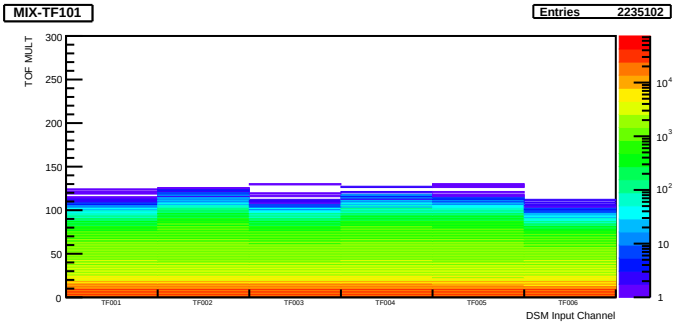

MIX-TF002
Entries 7822857
TOF MULT
TOF tray

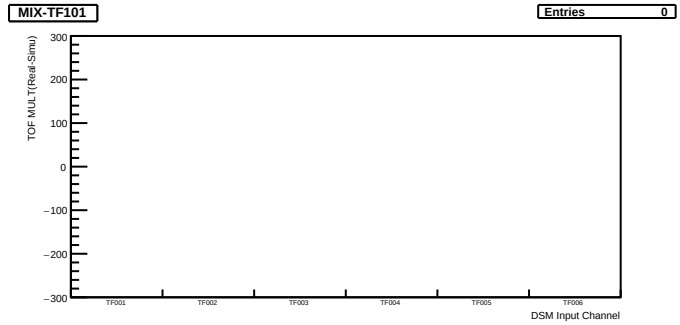

MIX-TF003
Entries 7822857
TOF MULT
TOF tray

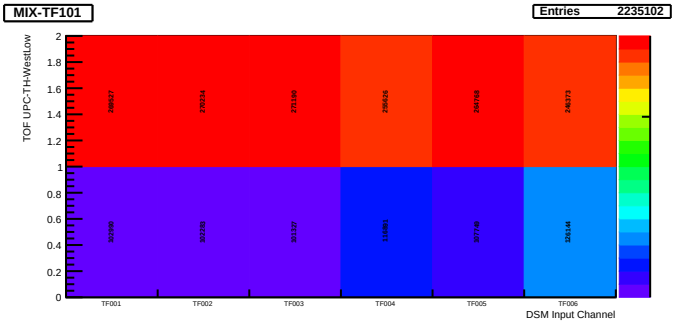

MIX-TF004
Entries 7822857
TOF MULT
TOF tray

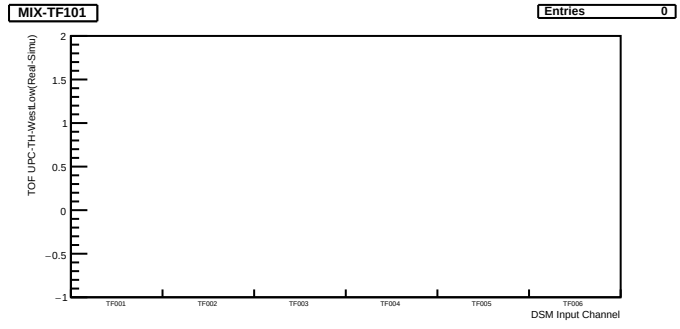

MIX-TF005
Entries 7822857
TOF MULT
TOF tray

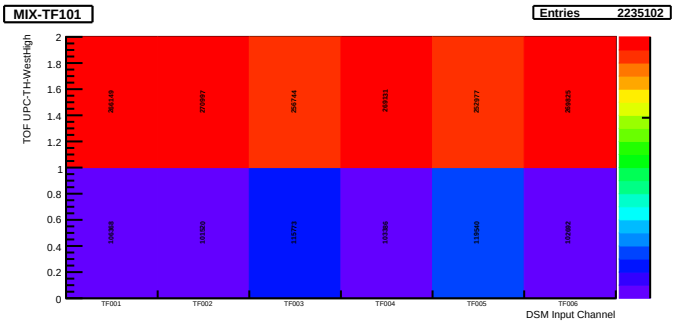

MIX-TF006
Entries 7822857
TOF MULT
TOF tray

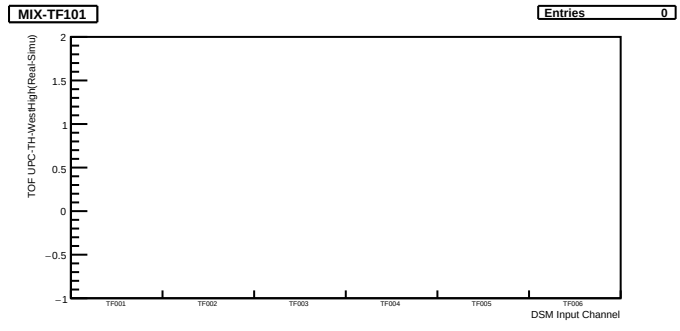

MIX-TF101
Entries 2235102
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

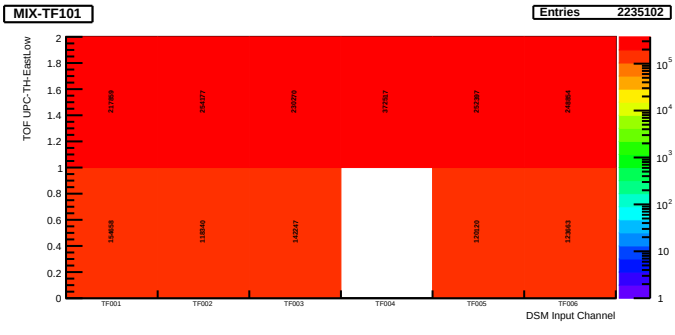

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

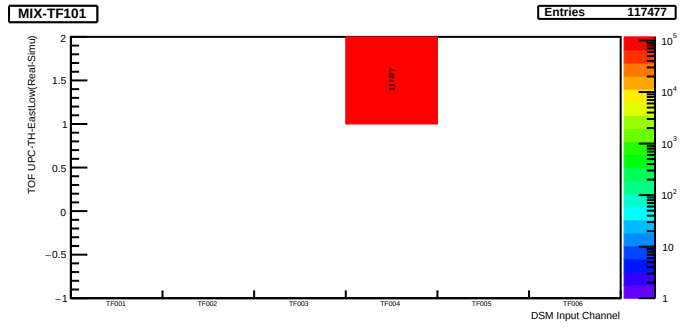

MIX-TF101
Entries 2235102
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

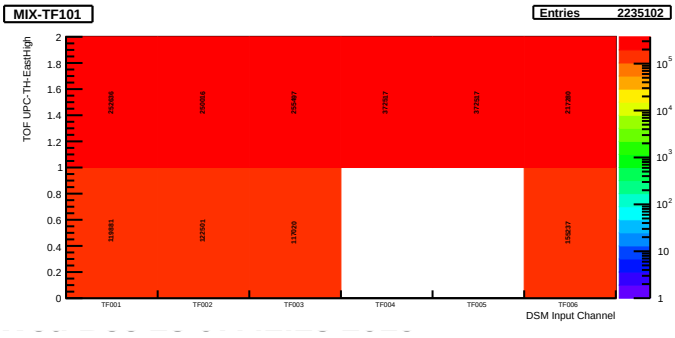

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

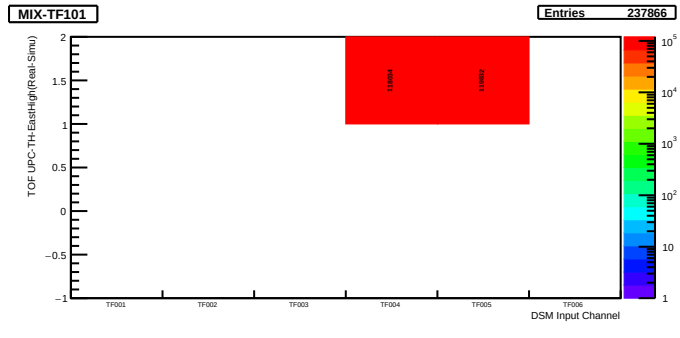

MIX-TF101
Entries 2235102
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

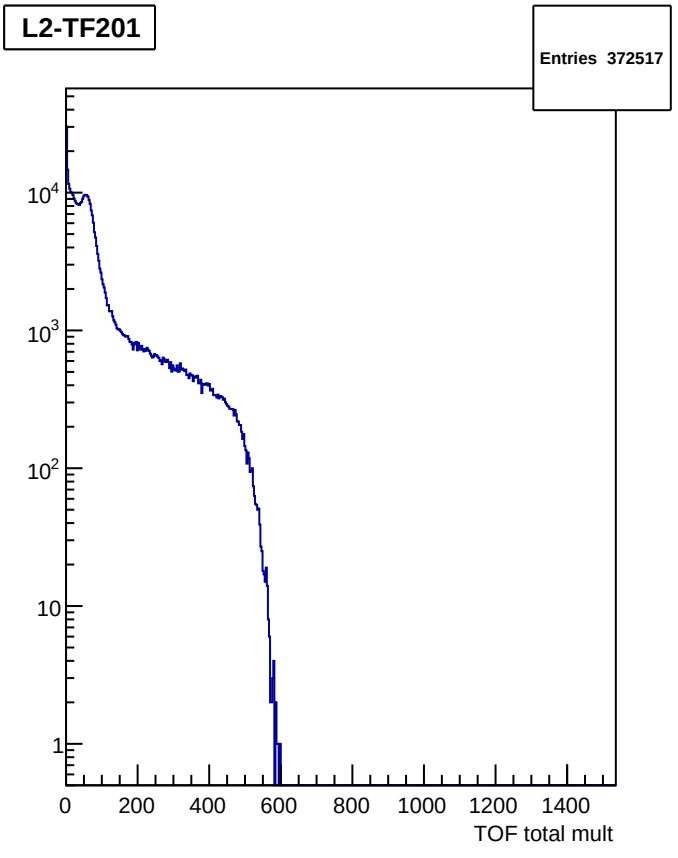

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

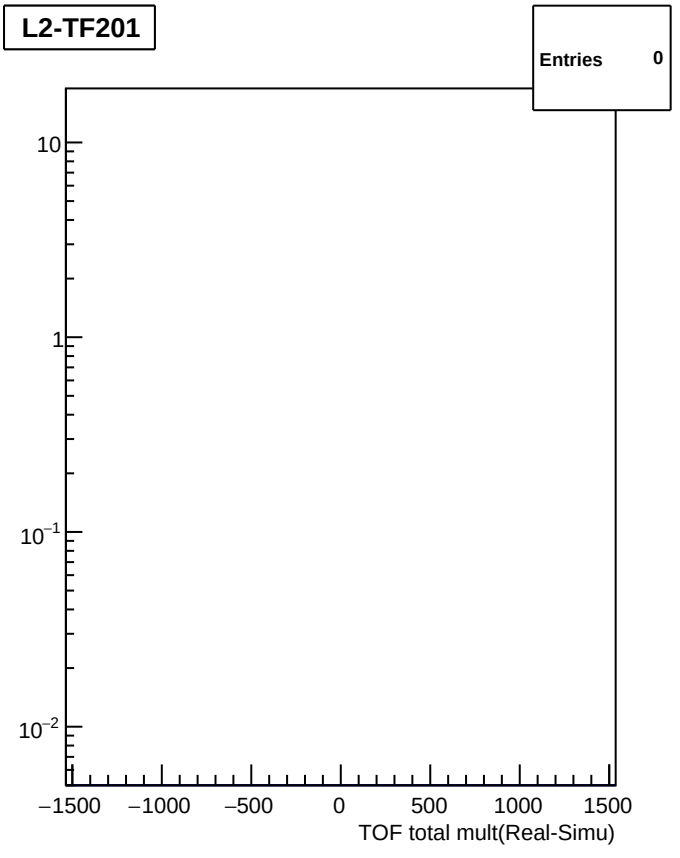

MIX-TF101
Entries 2235102
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

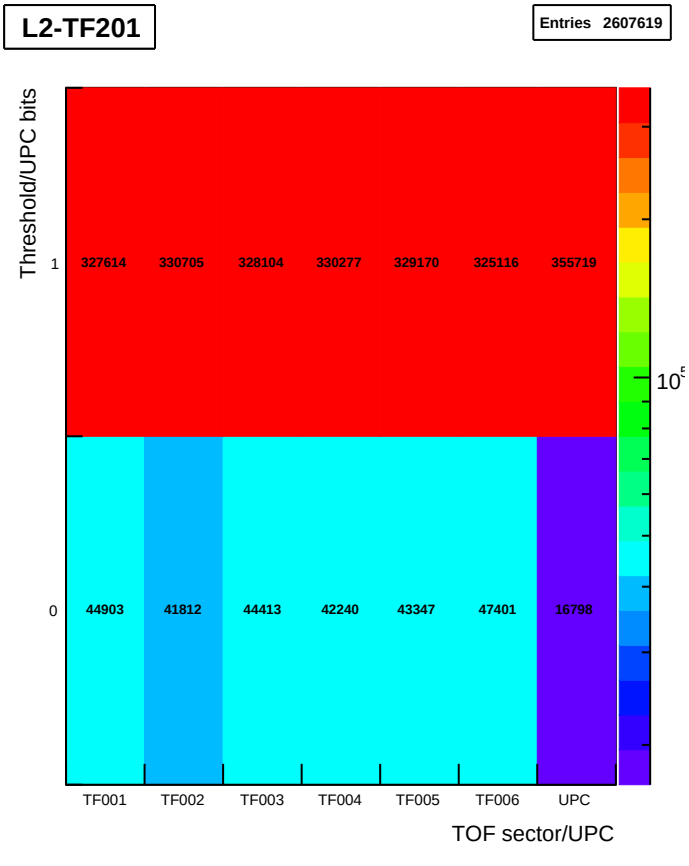

MIX-TF101
Entries 117477
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

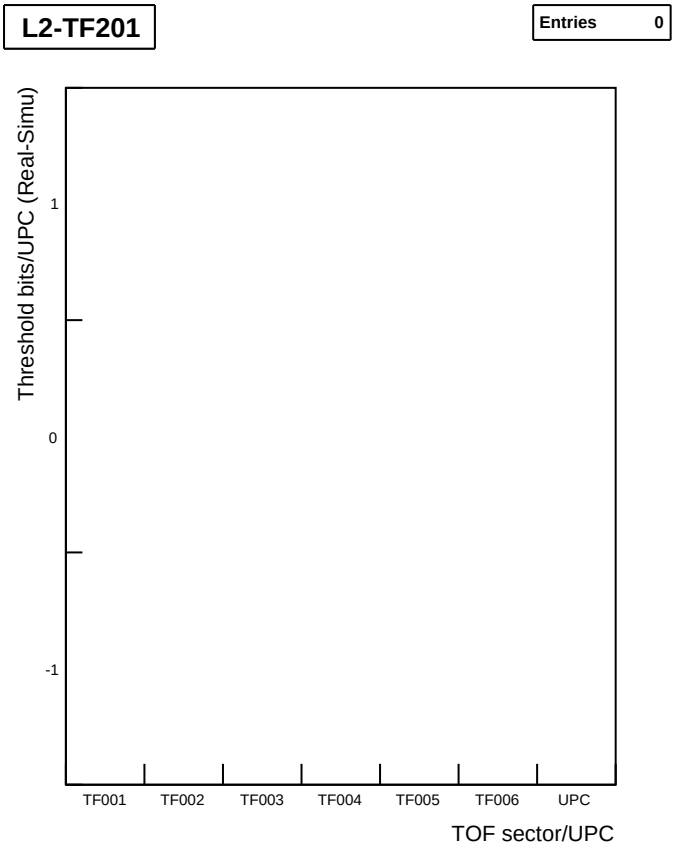

MIX-TF101
Entries 2235102
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

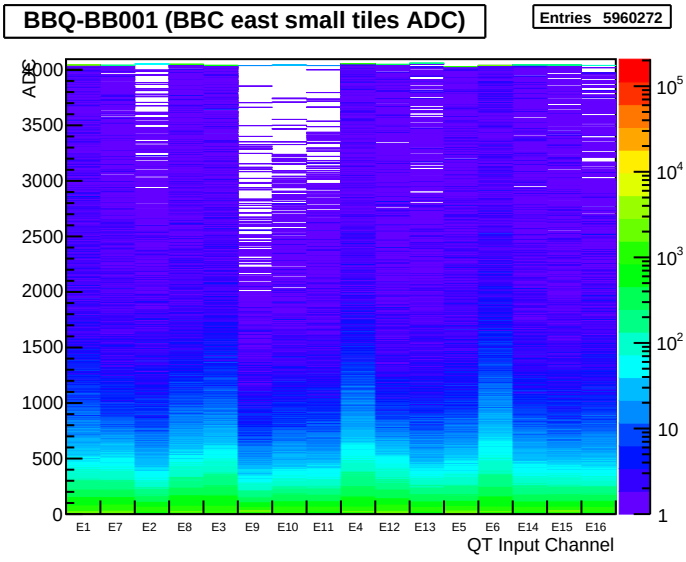

MIX-TF101
Entries 237866
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

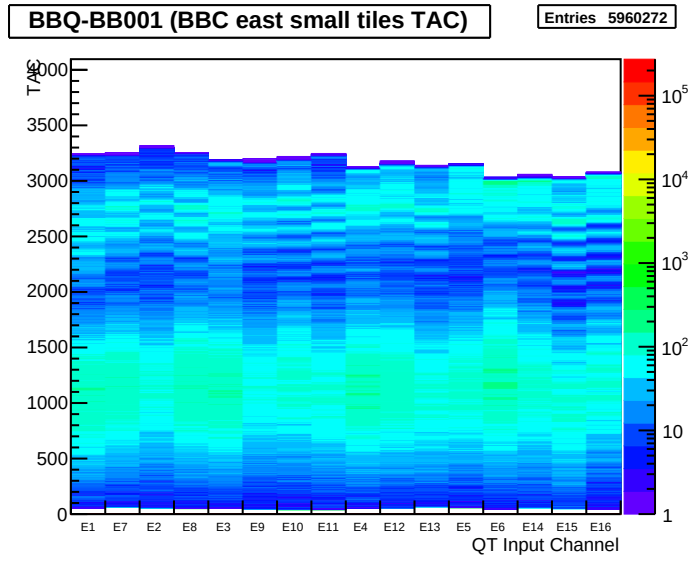

L2-TF201
Entries 372517
TOF total mult

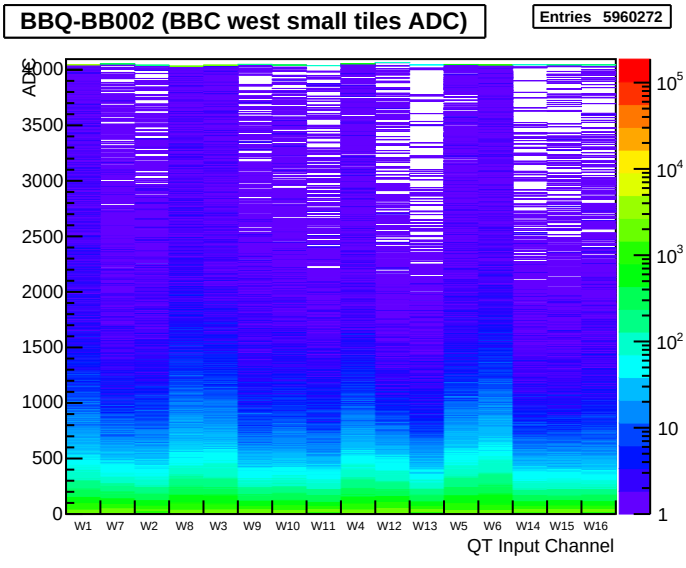

L2-TF201
Entries 0
TOF total mult(Real-Simu)

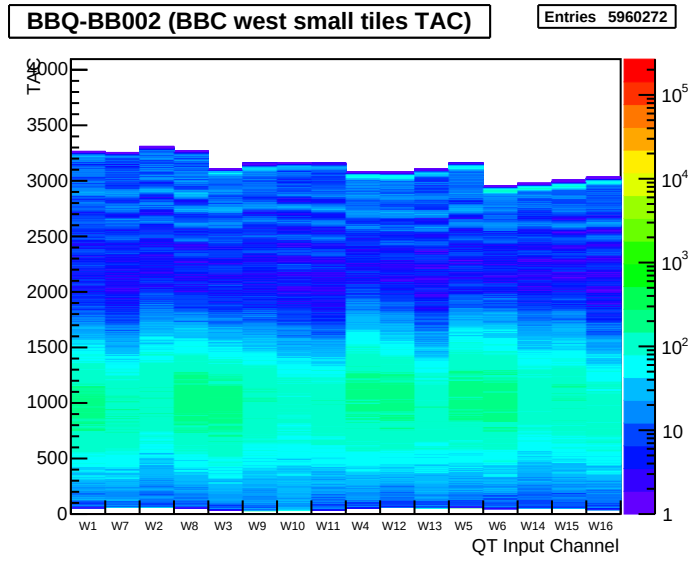

L2-TF201
Entries 2607619
Threshold/UPC bits
327614
330705
328104
330277
329170
325116
355719
44903
41812
44413
42240
43347
47401
16798
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

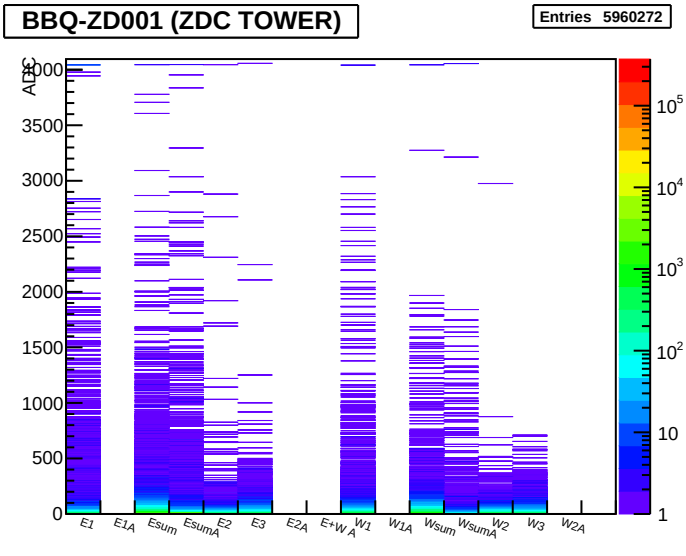

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

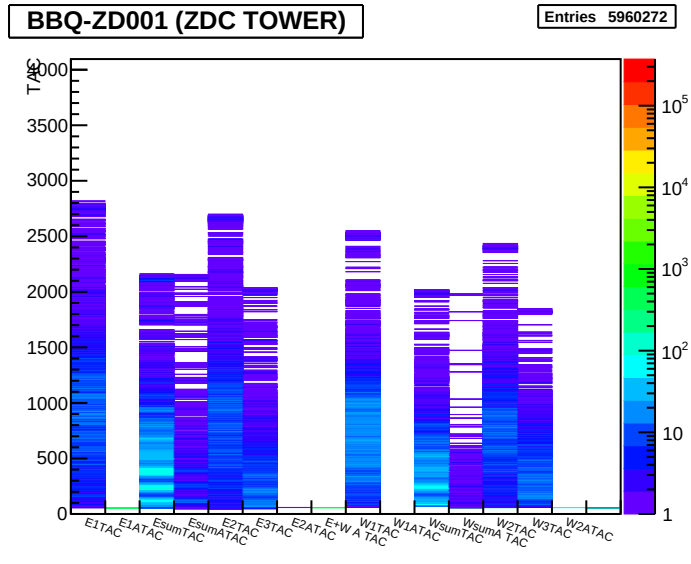

BBQ-BB001 (BBC east small tiles ADC)
Entries 5960272
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

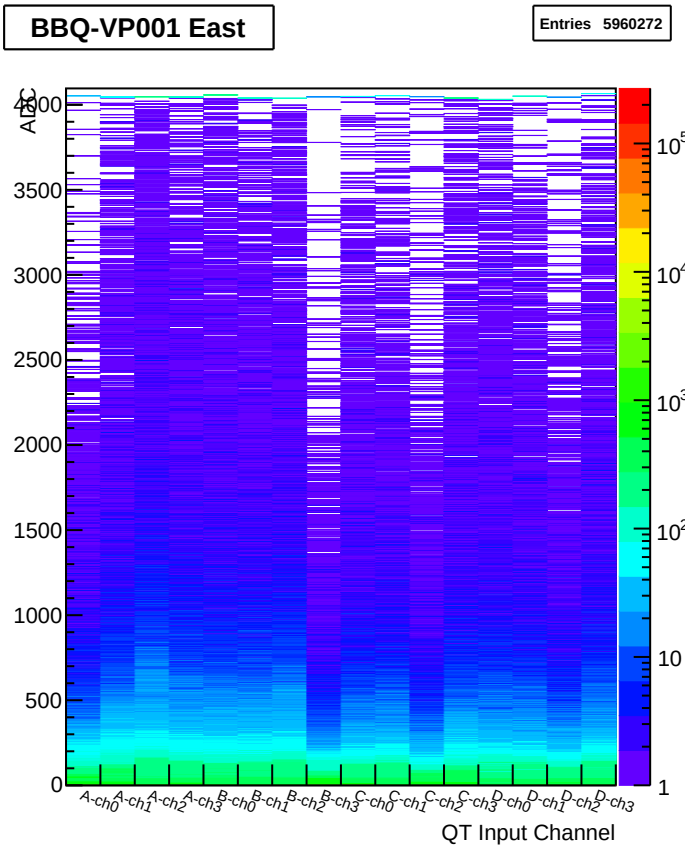

BBQ-BB001 (BBC east small tiles TAC)
Entries 5960272
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

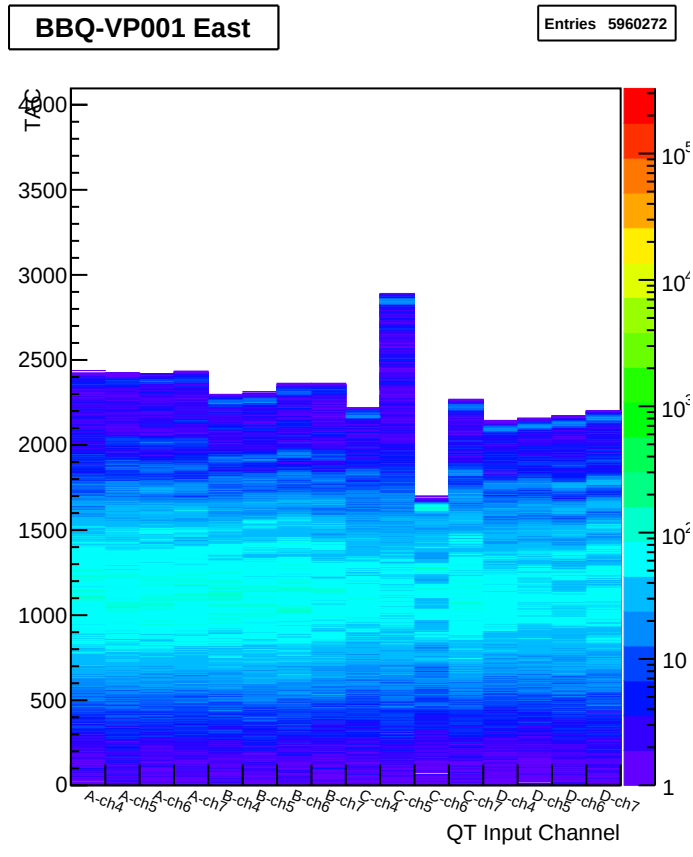

BBQ-BB002 (BBC west small tiles ADC)
Entries 5960272
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

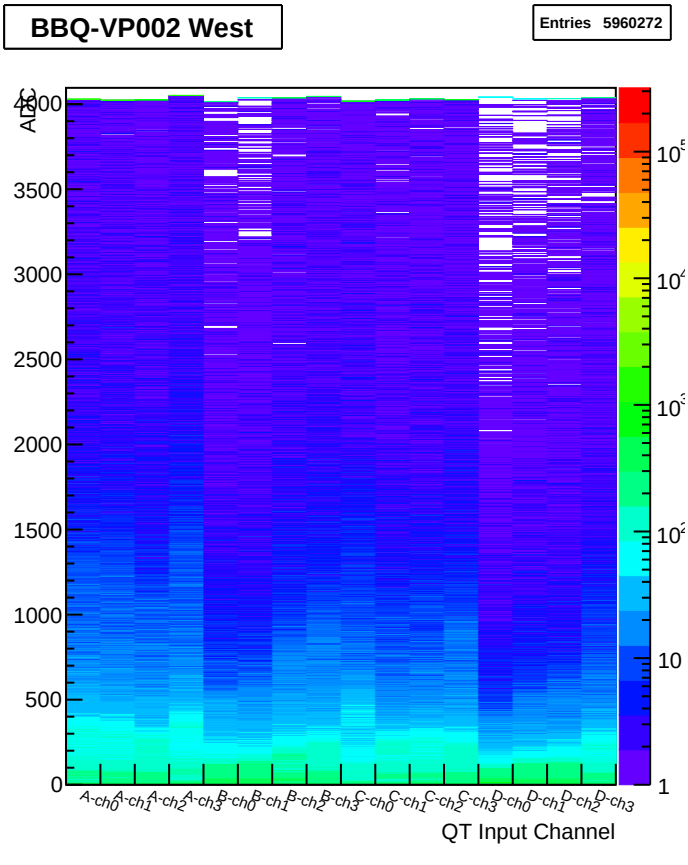

BBQ-BB002 (BBC west small tiles TAC)
Entries 5960272
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

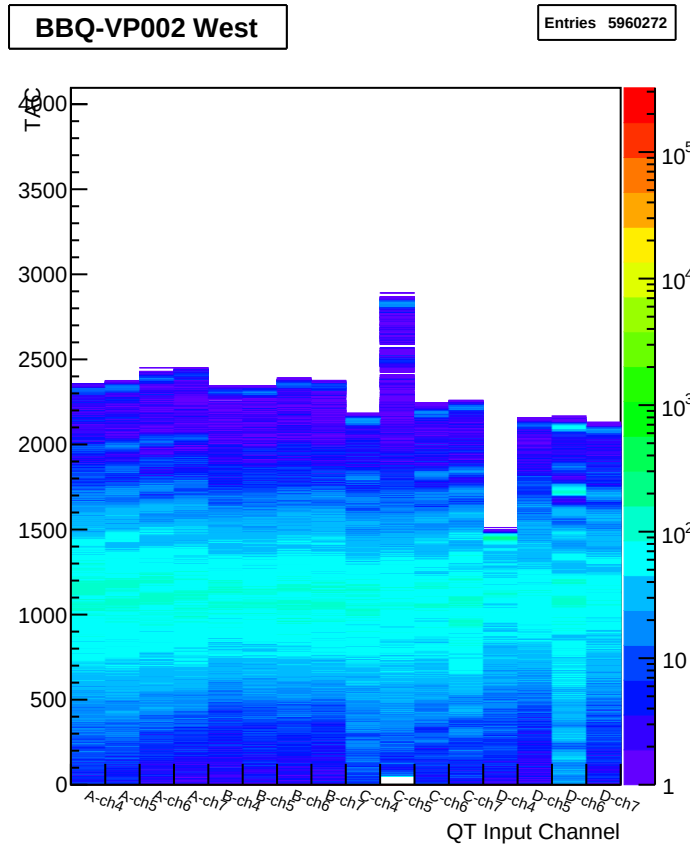

BBQ-ZD001 (ZDC TOWER)
Entries 5960272
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

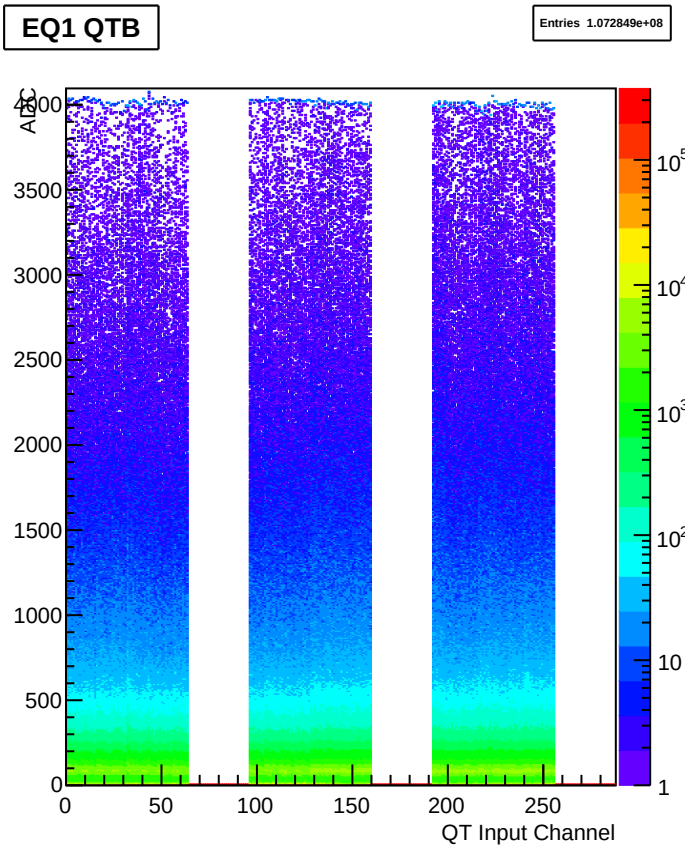

BBQ-ZD001 (ZDC TOWER)
Entries 5960272
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

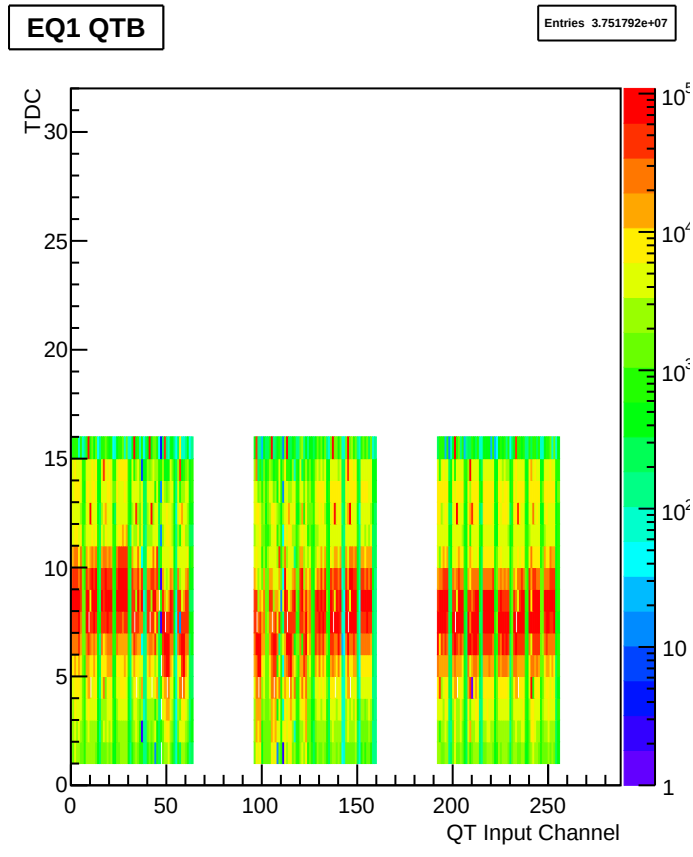

BBQ-VP001 East
Entries 5960272
ADC
QT Input Channel

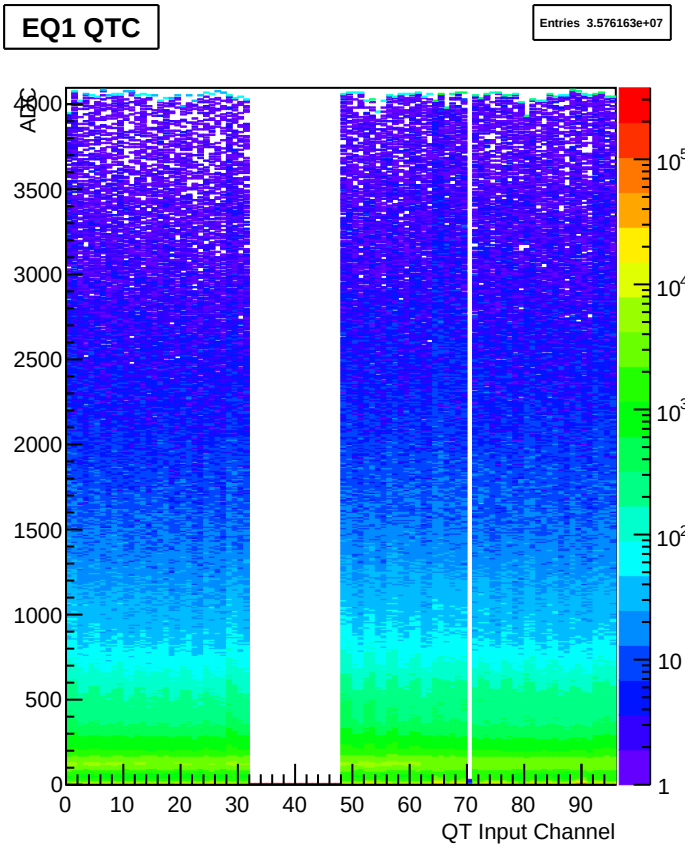

BBQ-VP001 East
Entries 5960272
ADC
QT Input Channel

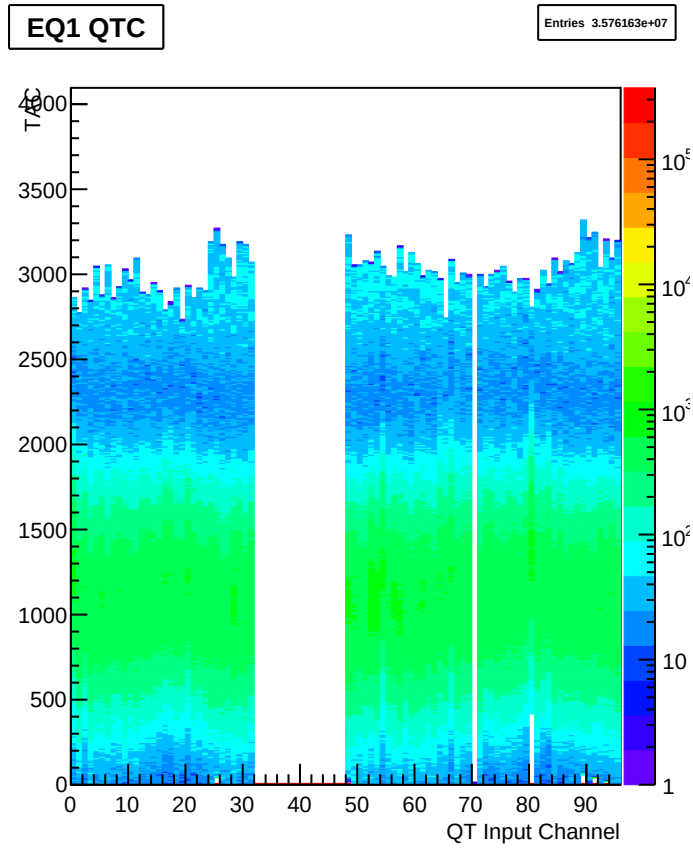

BBQ-VP002 West
Entries 5960272
ADC
QT Input Channel

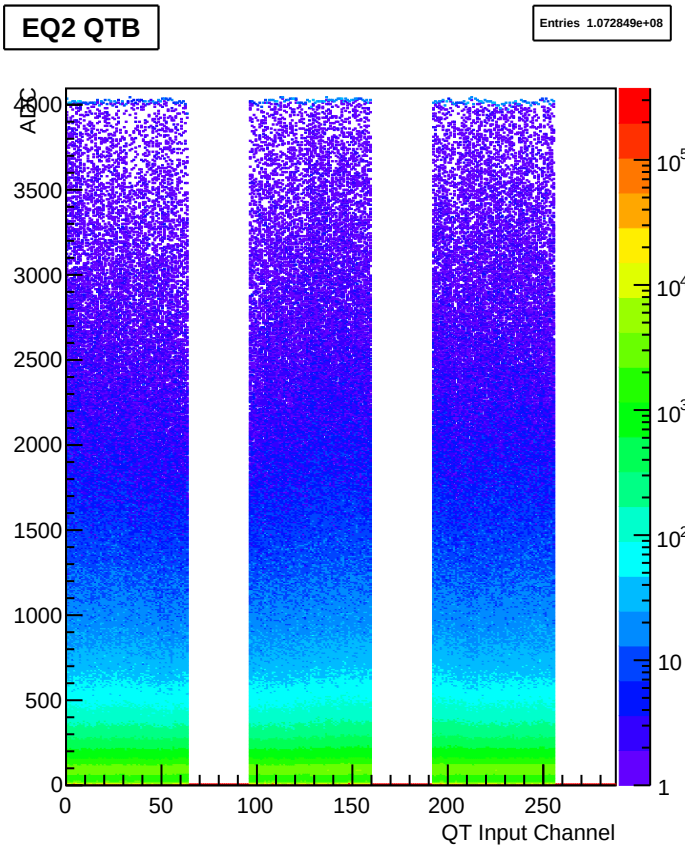

BBQ-VP002 West
Entries 5960272
ADC
QT Input Channel

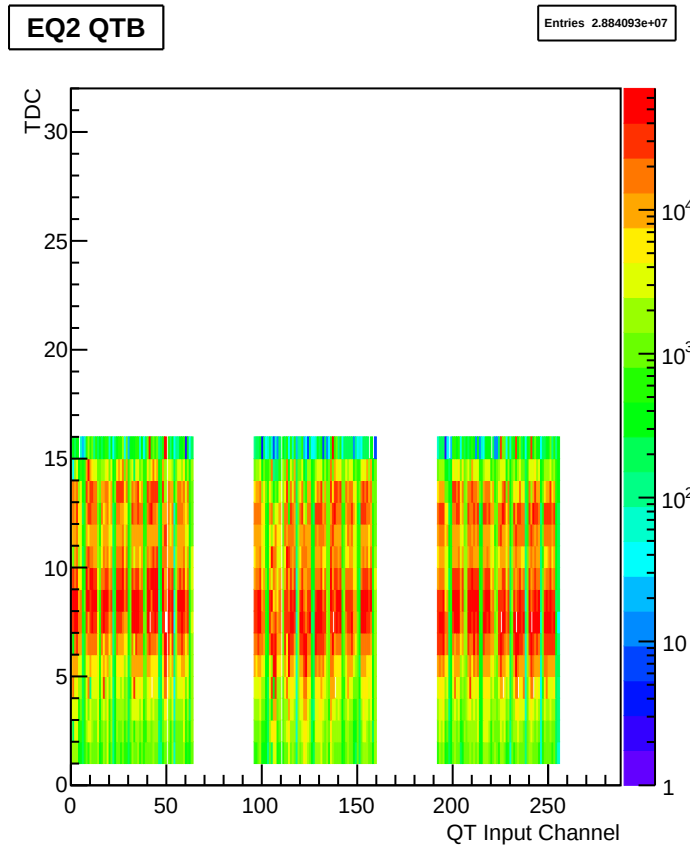

EQ1 QTB
Entries 1.072849e+08
ADC
QT Input Channel

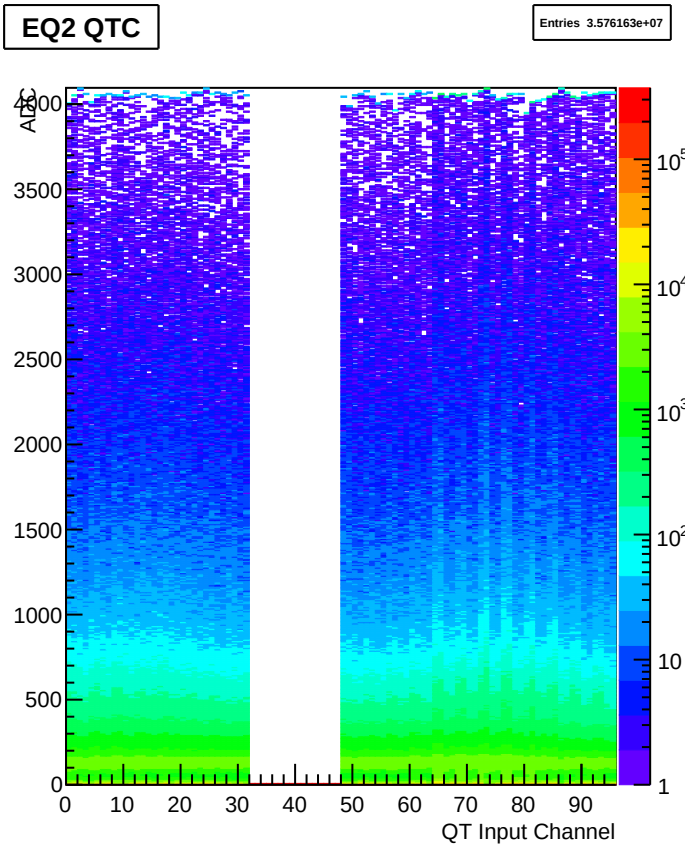

EQ1 QTB
Entries 3.751792e+07
TDC
QT Input Channel

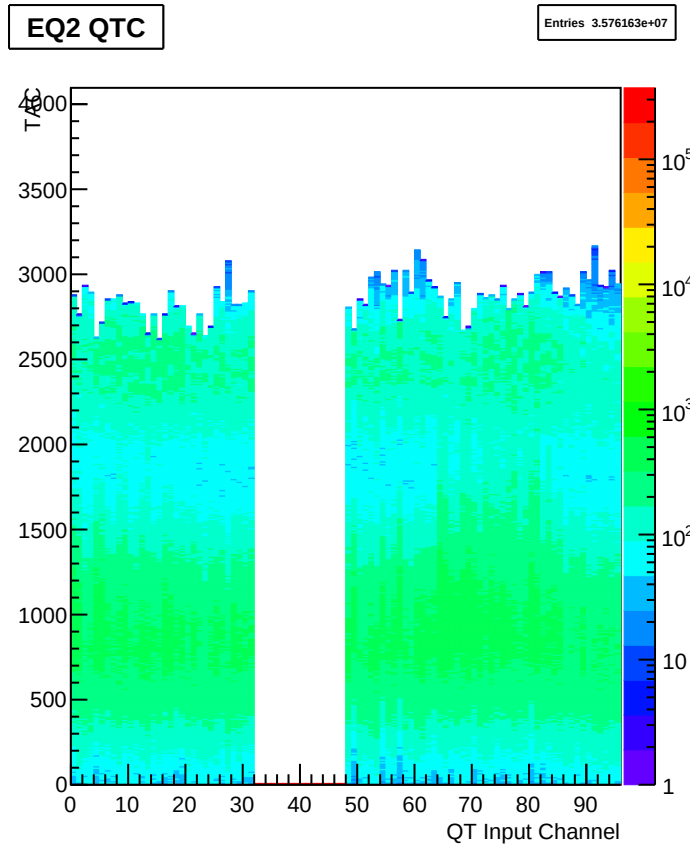

EQ1 QTC
Entries 3.576163e+07
ADC
QT Input Channel

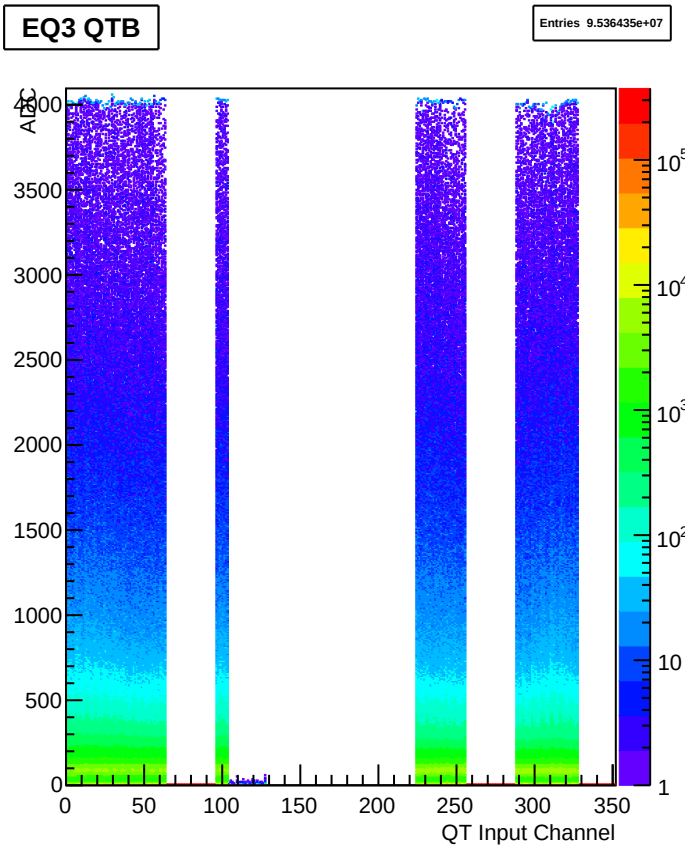

EQ1 QTC
Entries 3.576163e+07
TADC
QT Input Channel

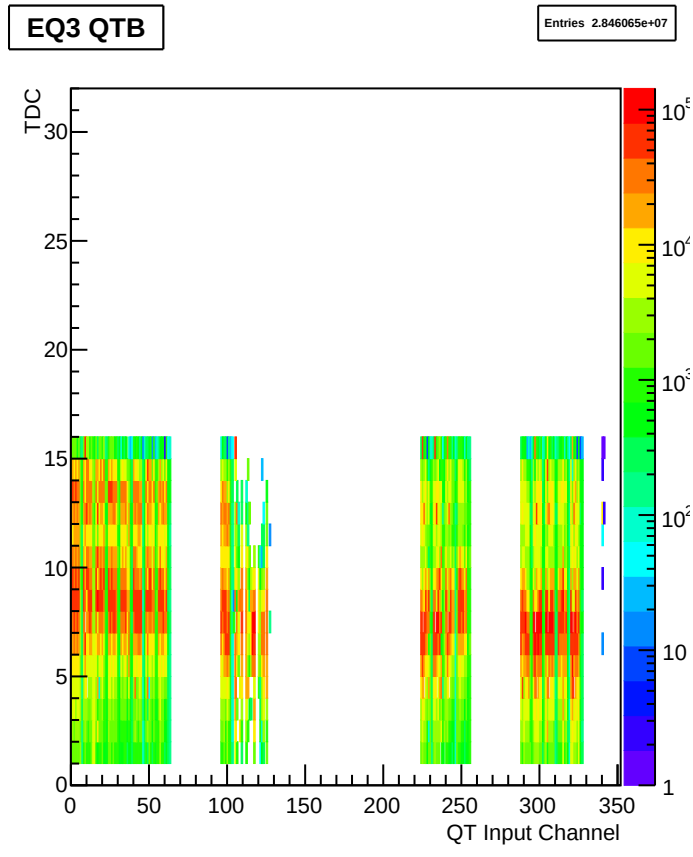

EQ2 QTB
Entries 1.072849e+08
ADC
QT Input Channel

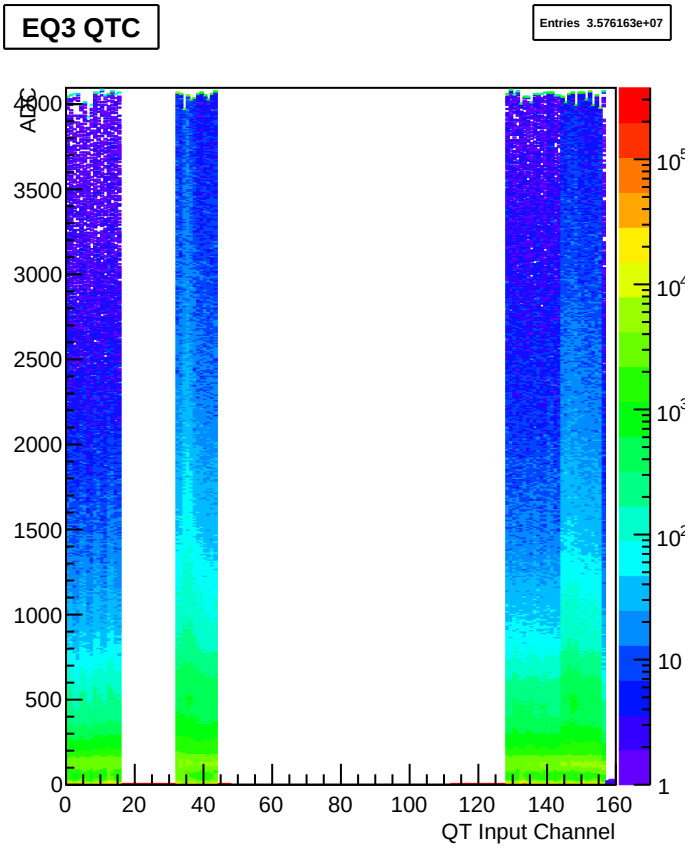

EQ2 QTB
Entries 2.884093e+07
TDC
QT Input Channel

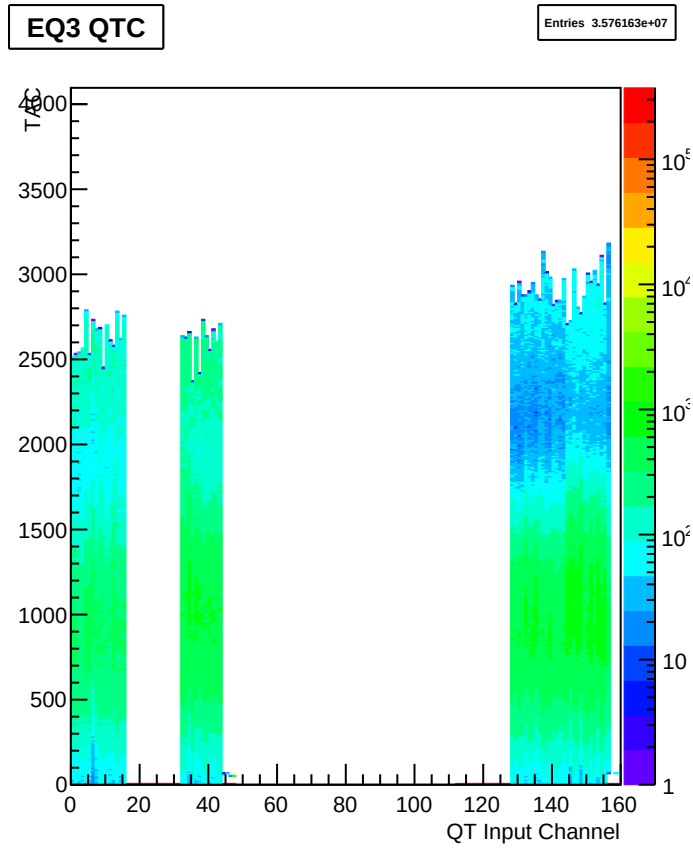

EQ2 QTC
Entries 3.576163e+07
ADC
QT Input Channel

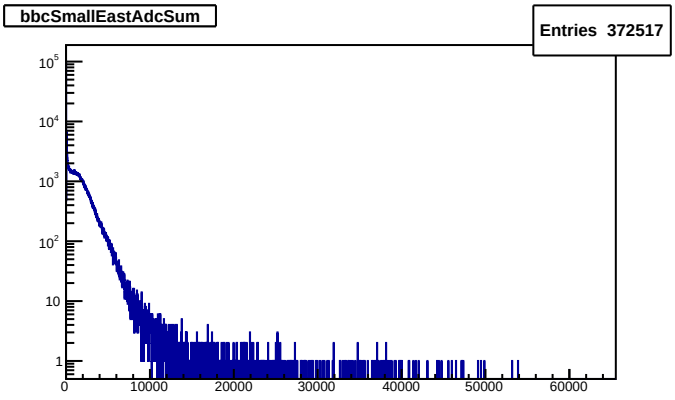

EQ2 QTC
Entries 3.576163e+07
TADC
QT Input Channel

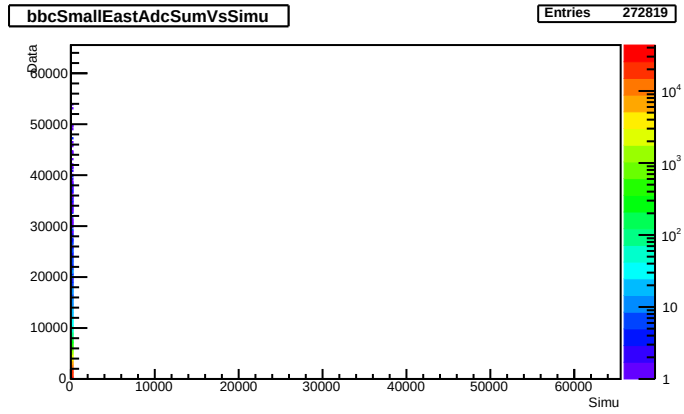

EQ3 QTB
Entries 9.536435e+07
ADC
QT Input Channel

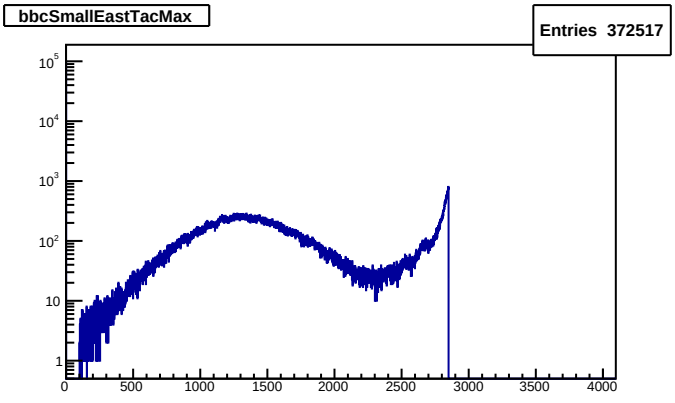

EQ3 QTB
Entries 2.846065e+07
TDC
QT Input Channel

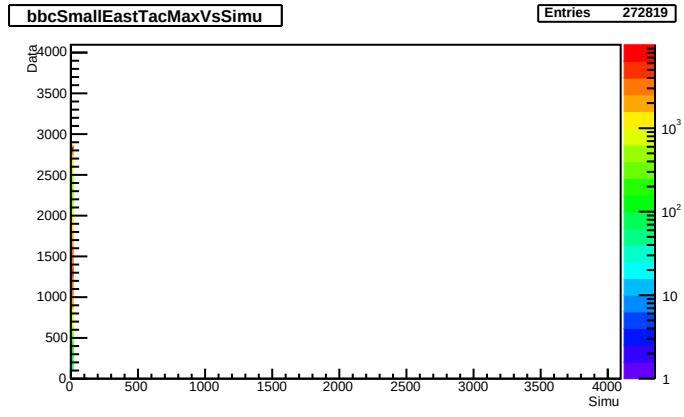

EQ3 QTC
Entries 3.576163e+07
ADC
QT Input Channel

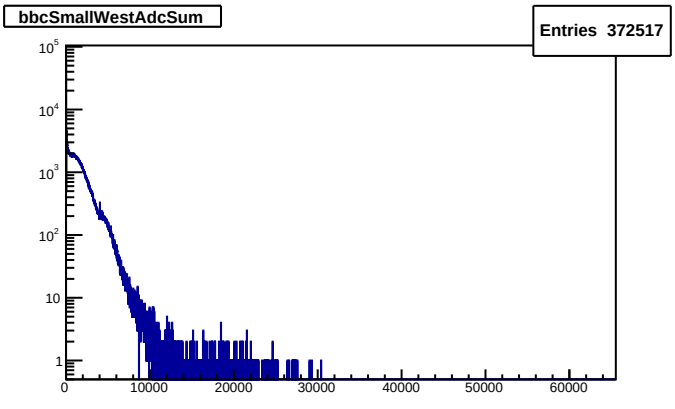

EQ3 QTC
Entries 3.576163e+07
TADC
QT Input Channel

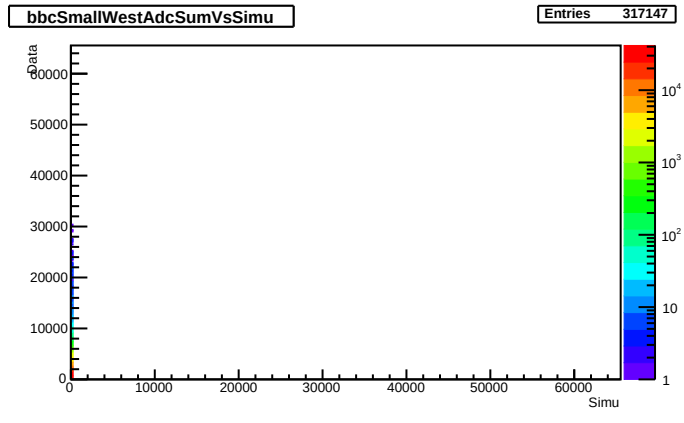

bbcSmallEastAdcSum
Entries 372517

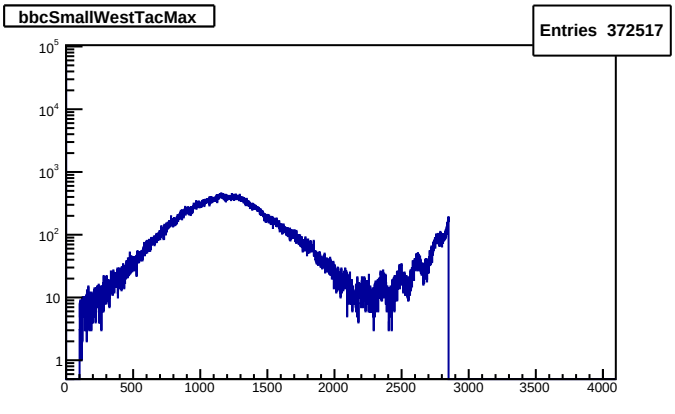

bbcSmallEastAdcSumVsSimu
Entries 272819
Data
Simu

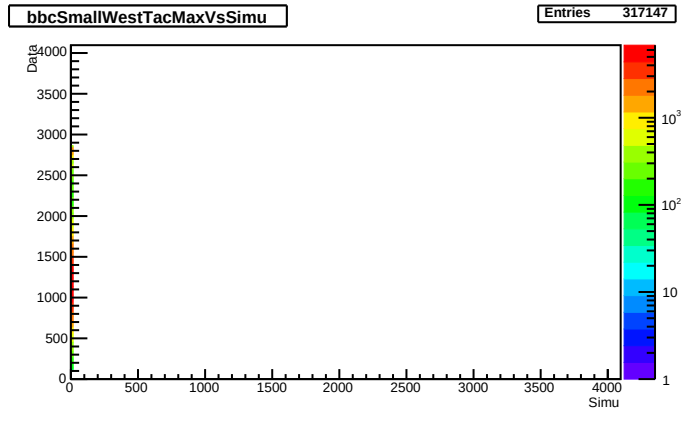

bbcSmallEastTacMax
Entries 372517

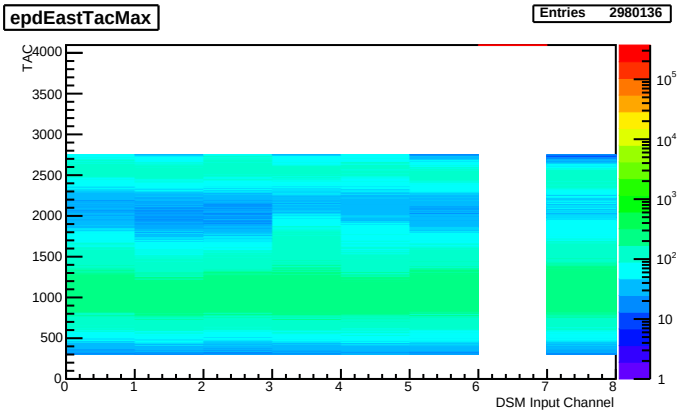

bbcSmallEastTacMaxVsSimu
Entries 272819
Data
Simu

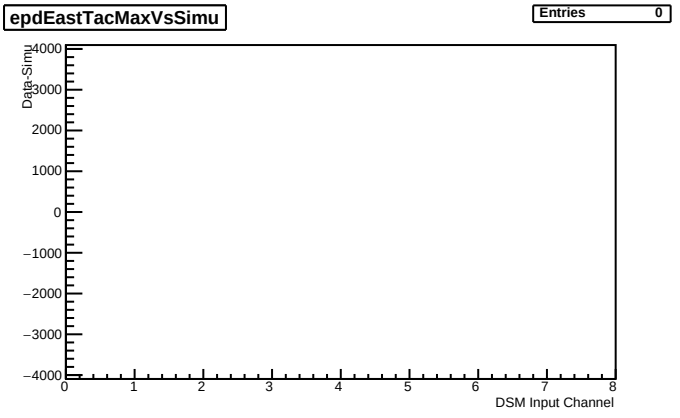

bbcSmallWestAdcSum
Entries 372517

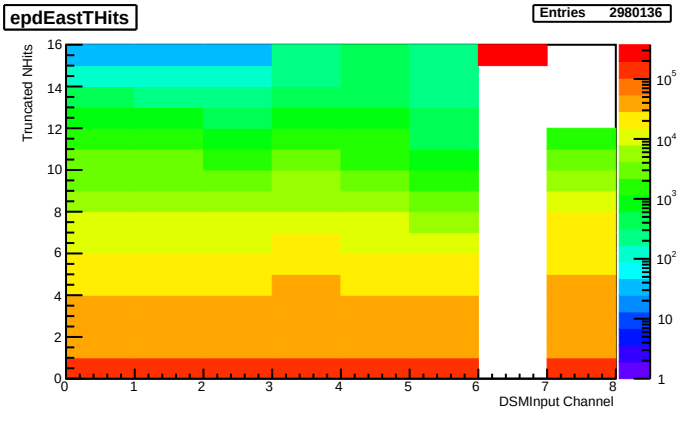

bbcSmallWestAdcSumVsSimu
Entries 317147
Data
Simu

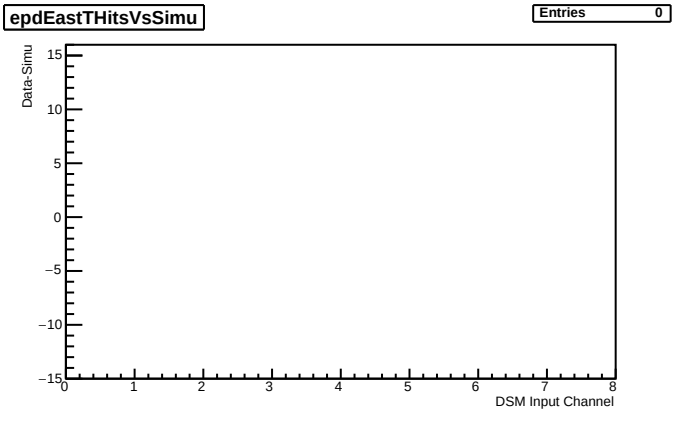

bbcSmallWestTacMax
Entries 372517

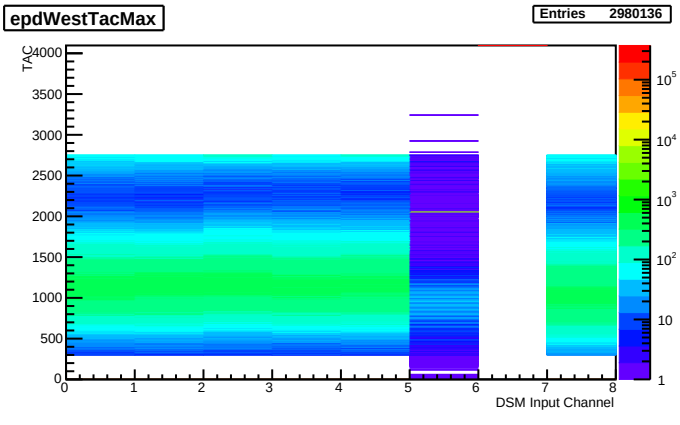

bbcSmallWestTacMaxVsSimu
Entries 317147
Data
Simu

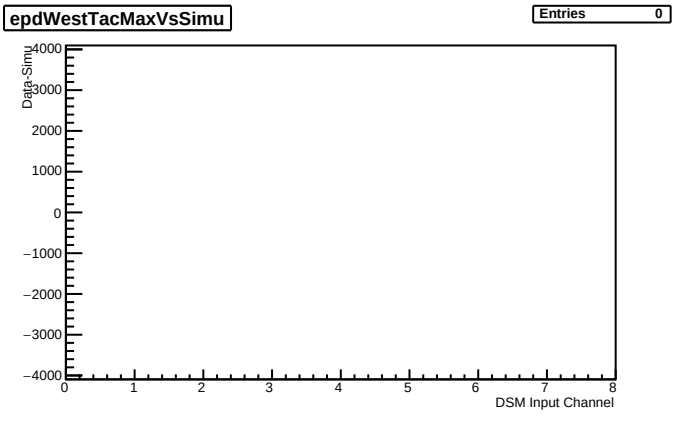

epdEastTacMax
Entries 2980136
TAC
DSM Input Channel

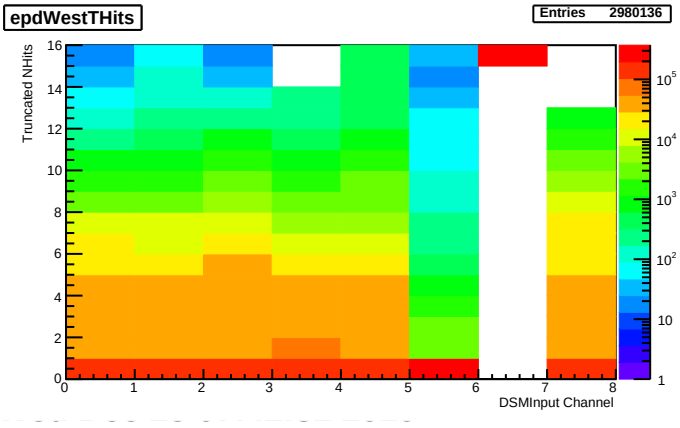

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

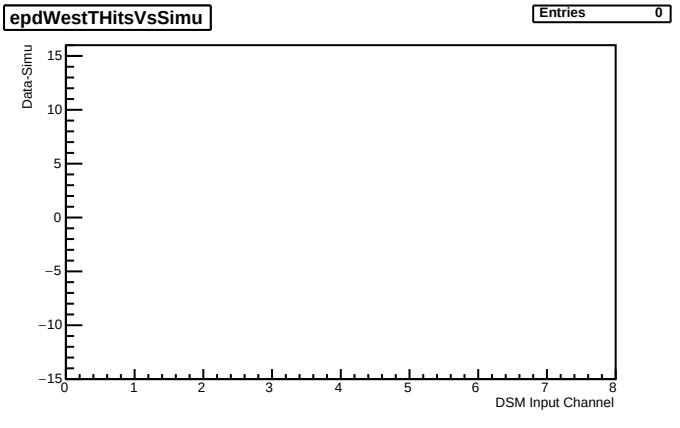

epdEastTHits
Entries 2980136
Truncated NHits
DSMInput Channel

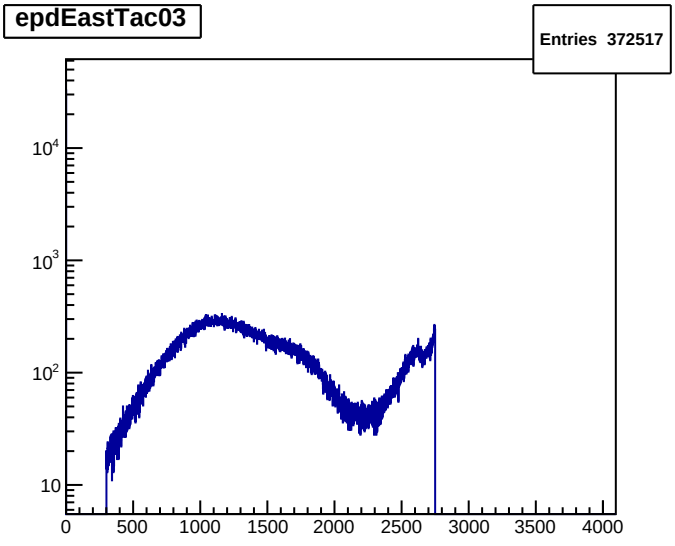

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

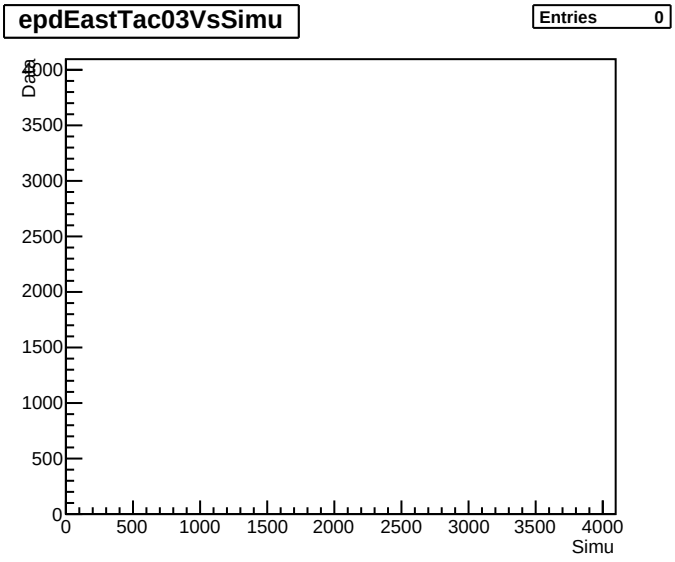

epdWestTacMax
Entries 2980136
TAC
DSM Input Channel

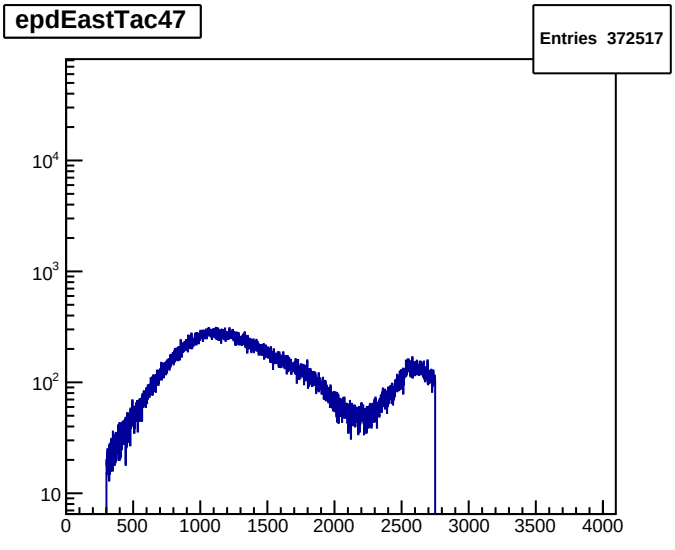

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

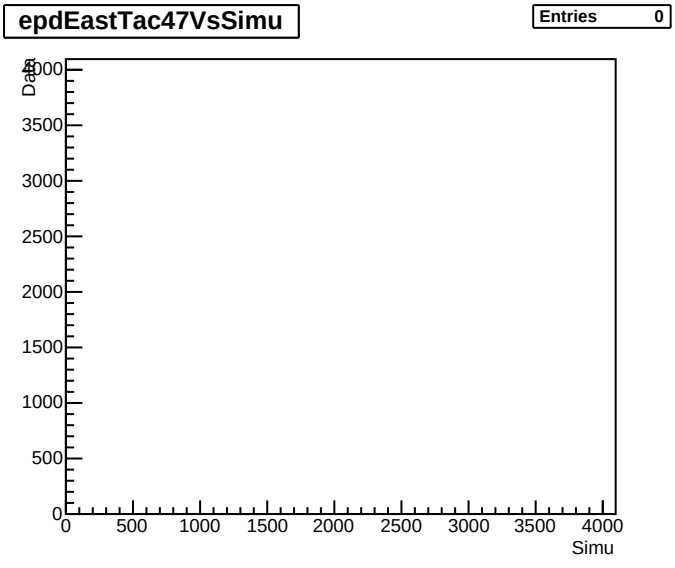

epdWestTHits
Entries 2980136
Truncated NHits
DSMInput Channel

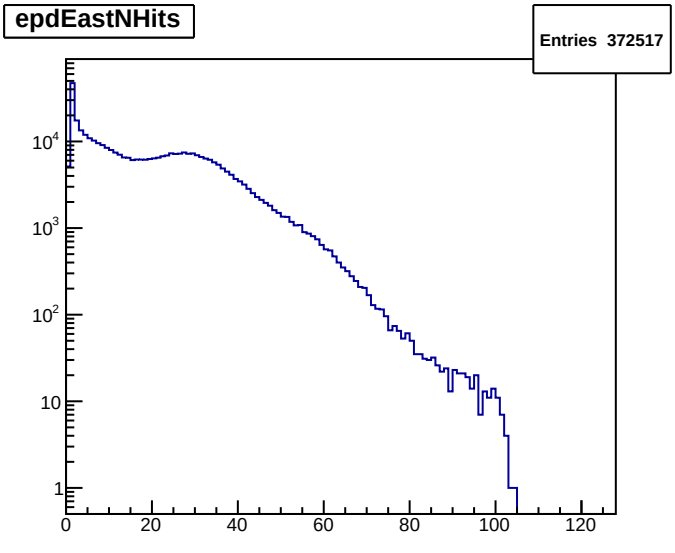

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

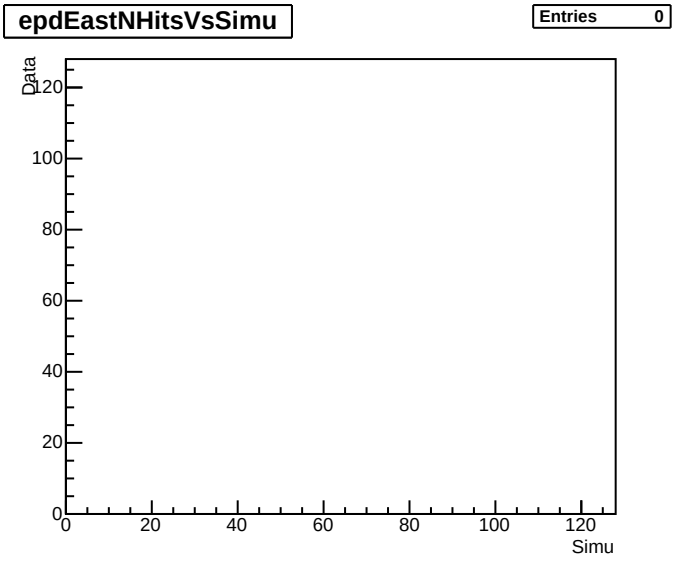

epdEastTac03
Entries 372517
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

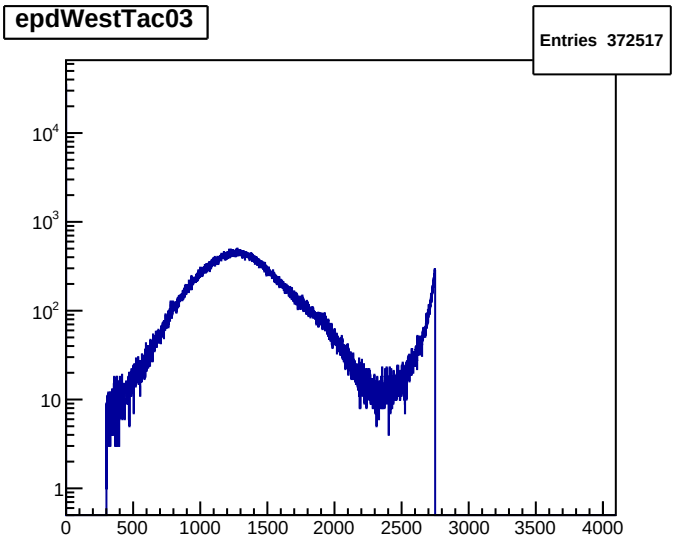

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

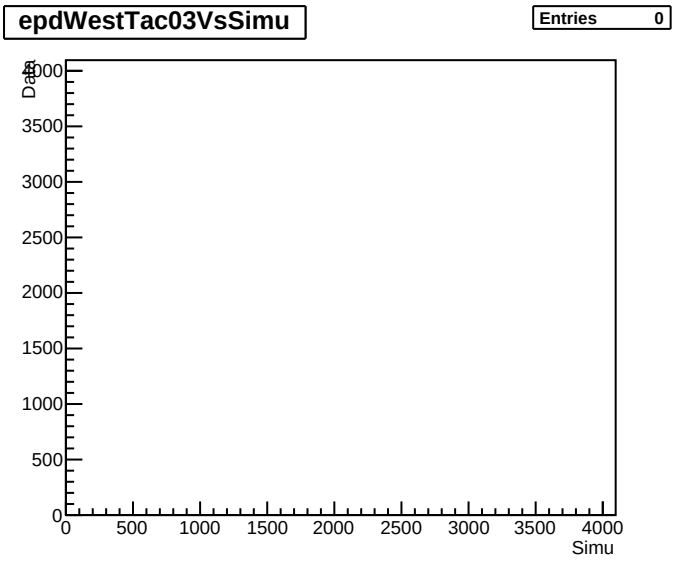

epdEastTac47
Entries 372517
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 372517
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120


epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 372517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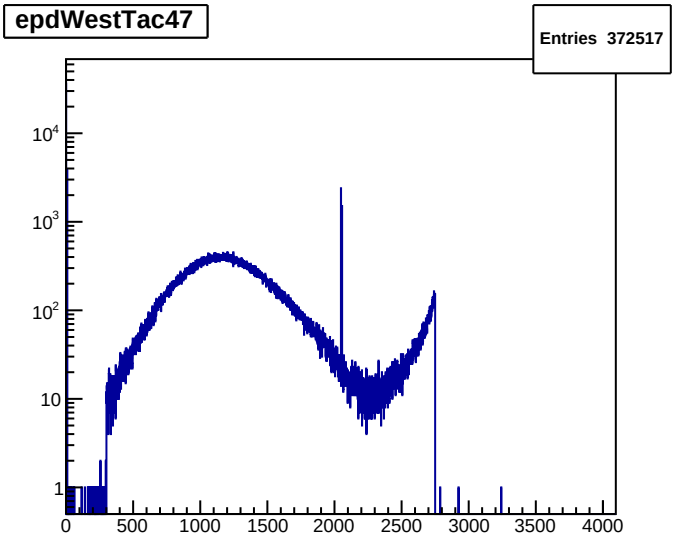
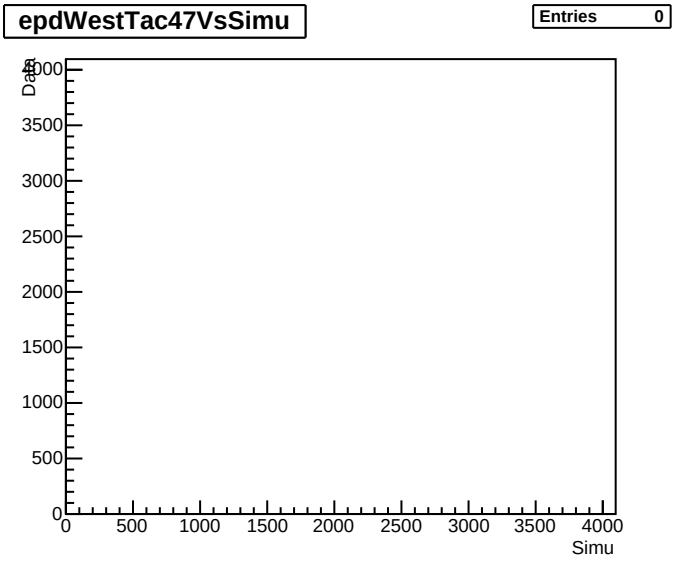
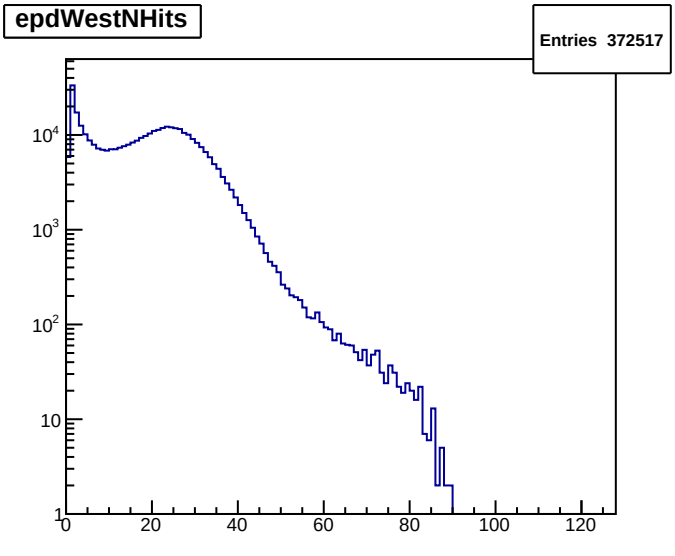
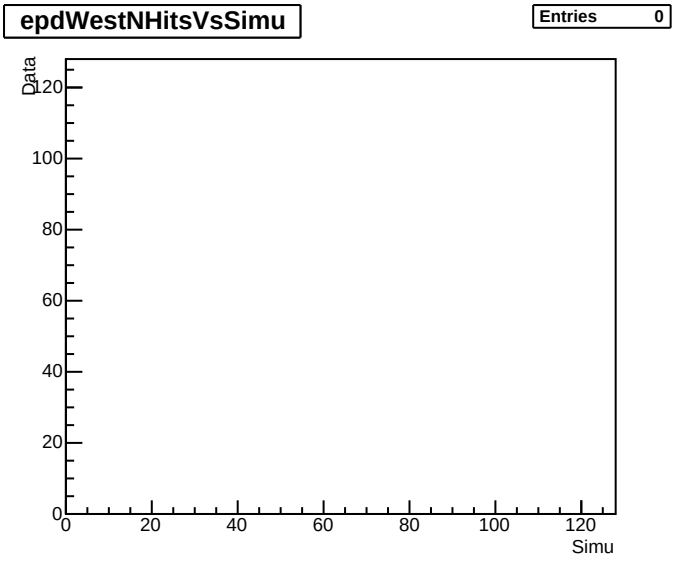
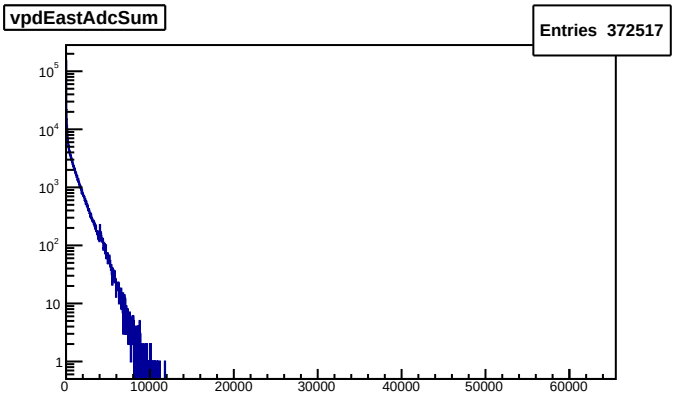
Entries 0
Data
Simu

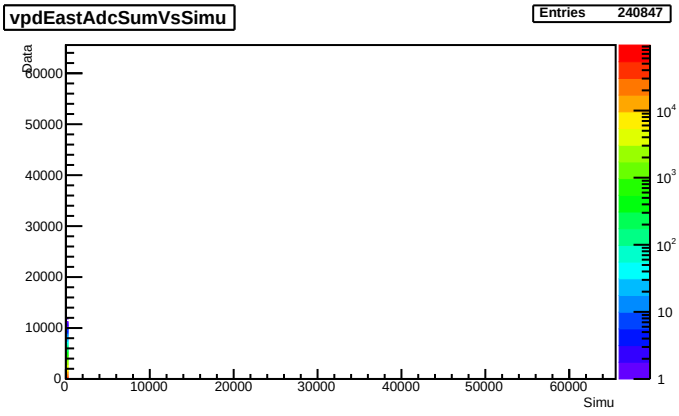

epdWestTac47
Entries 372517

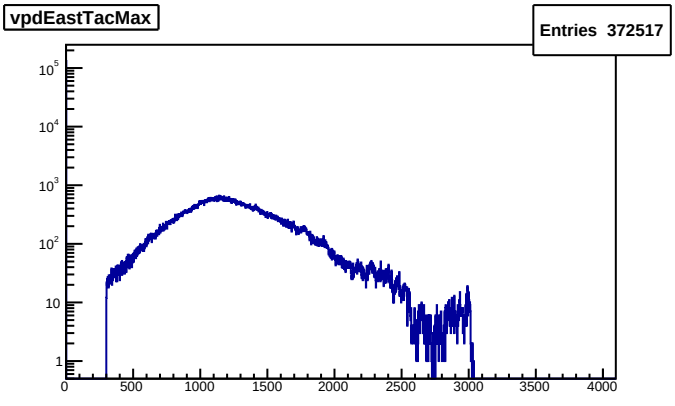

epdWestTac47VsSimu
Entries 0
Data
Simu

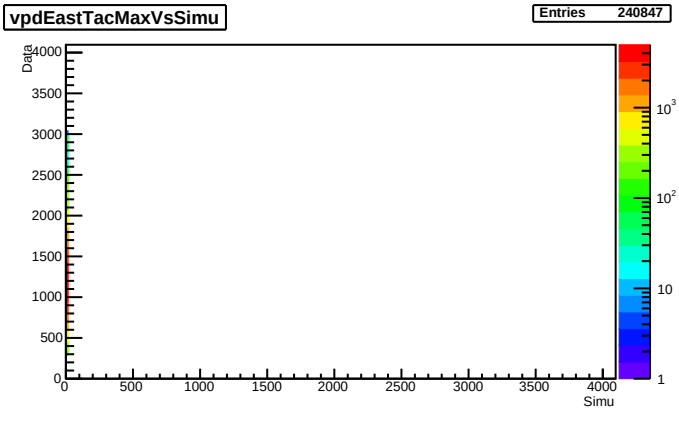

epdWestNHits
Entries 372517

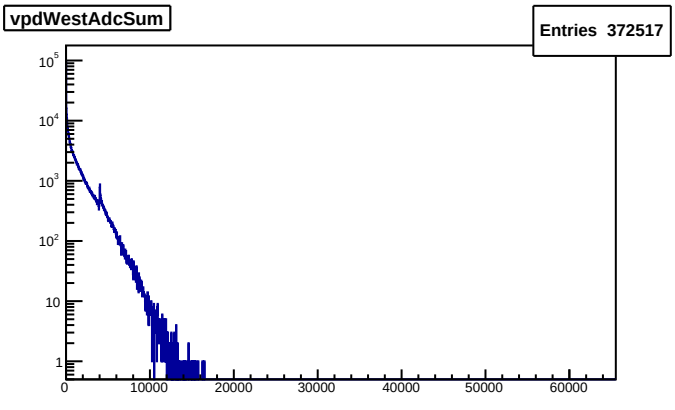

epdWestNHitsVsSimu
Entries 0
Data
Simu

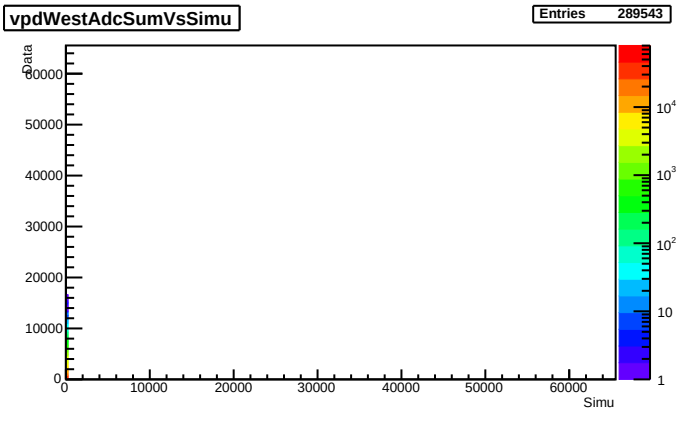

vpdEastAdcSum
Entries 372517

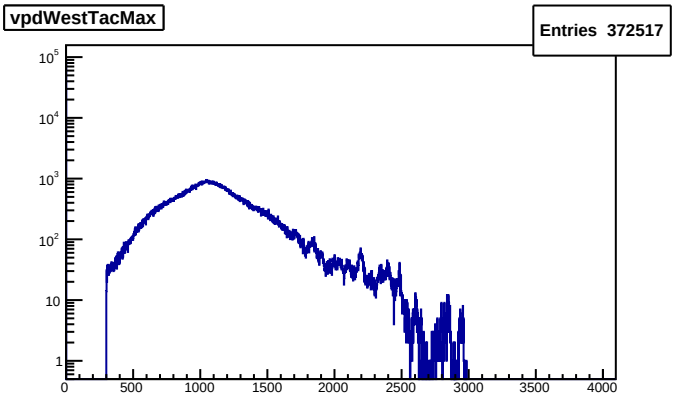

vpdEastAdcSumVsSimu
Entries 240847
Data
Simu

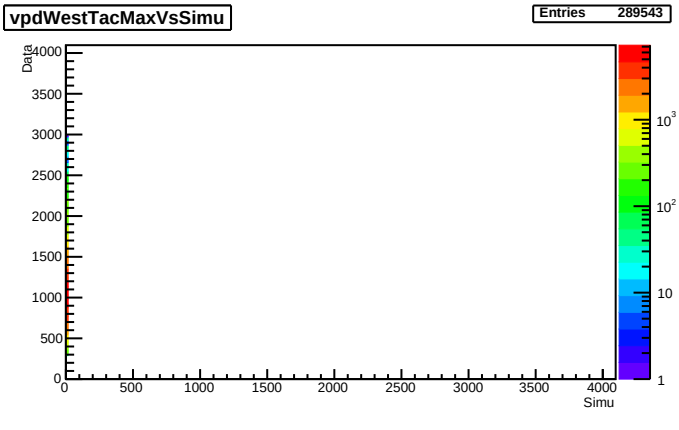

vpdEastTacMax
Entries 372517

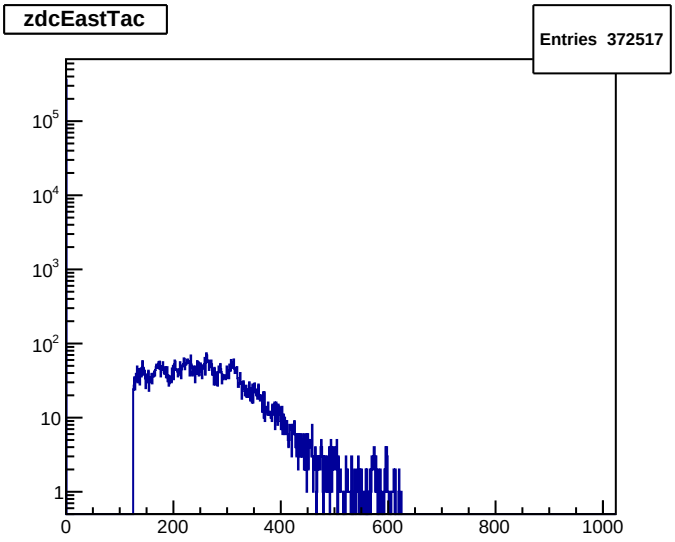

vpdEastTacMaxVsSimu
Entries 240847
Data
Simu

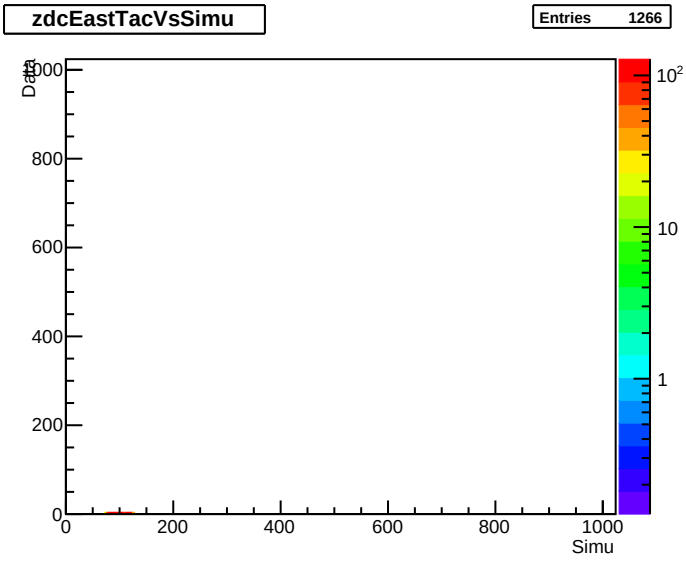

vpdWestAdcSum
Entries 372517

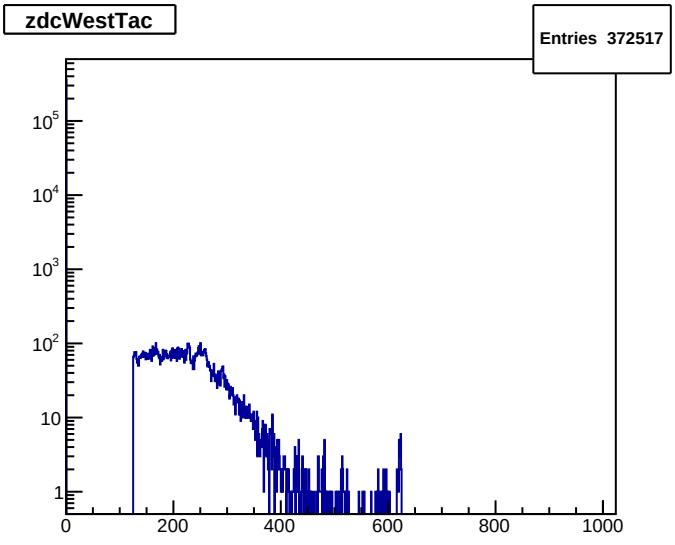

vpdWestAdcSumVsSimu
Entries 289543
Data
Simu

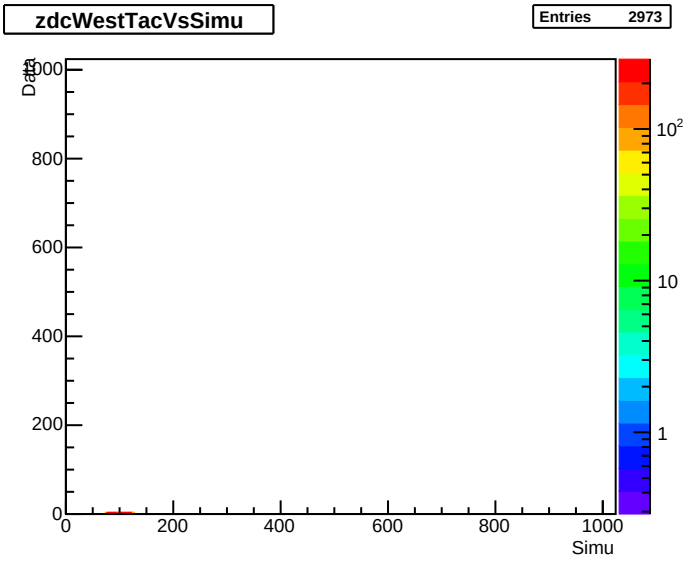

vpdWestTacMax
Entries 372517

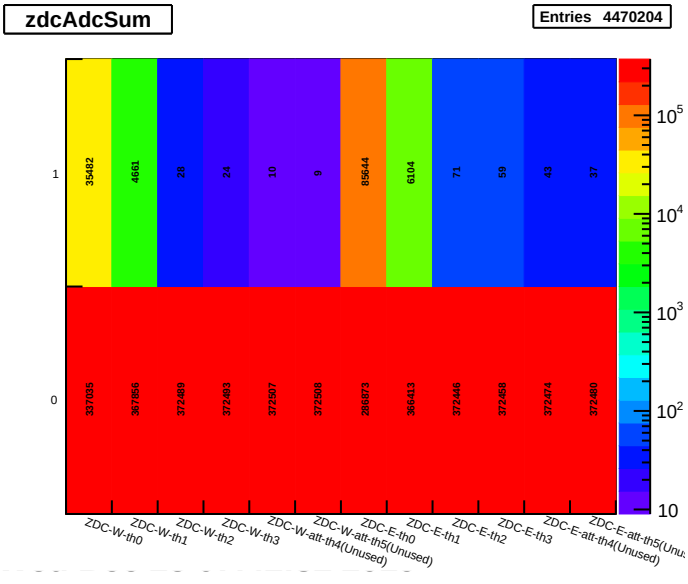

vpdWestTacMaxVsSimu
Entries 289543
Data
Simu

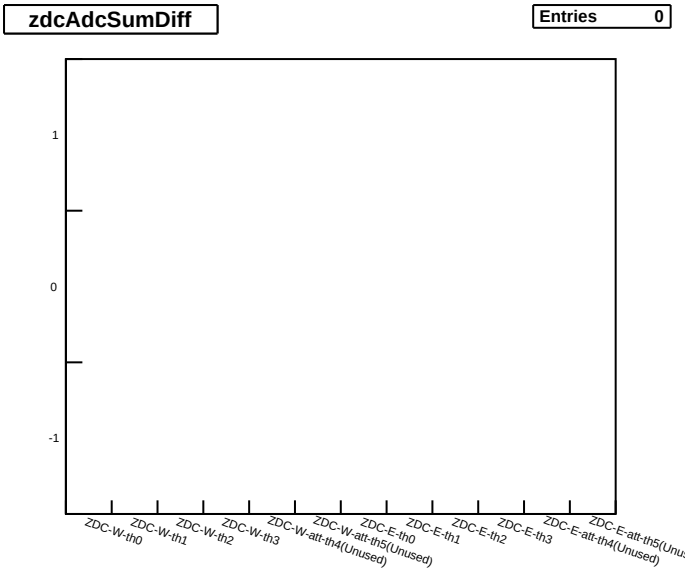

zdcEastTac
Entries 372517

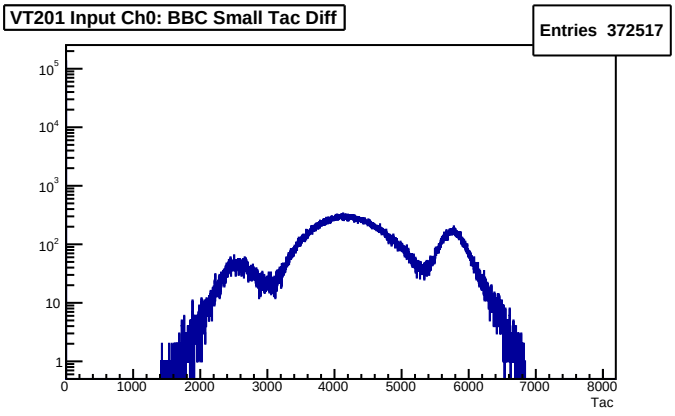

zdcEastTacVsSimu
Entries 1266
Data
Simu

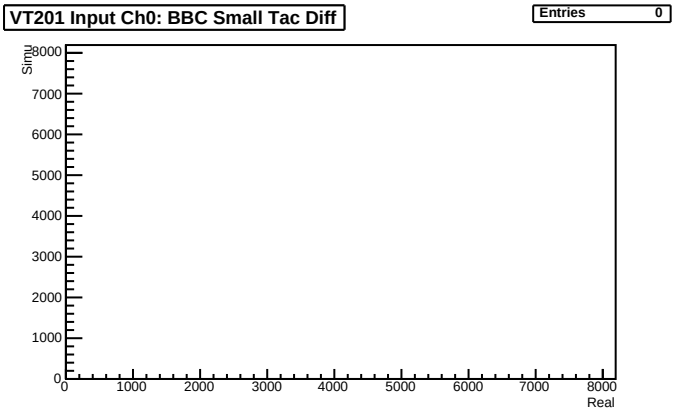

zdcWestTac
Entries 372517

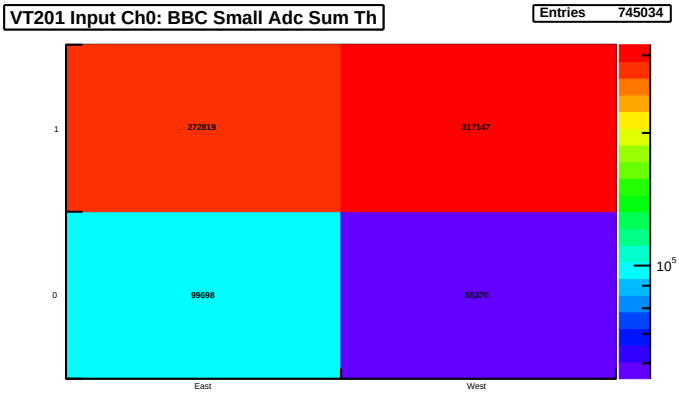

zdcWestTacVsSimu
Entries 2973
Data
Simu

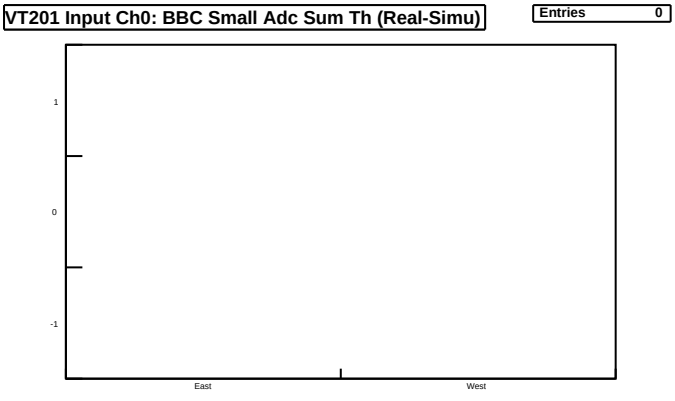

zdcAdcSum
Entries 4470204
35482
4661
28
24
10
9
85644
6104
71
59
43
37
337035
367856
372489
372493
372507
372508
286673
366413
372446
372458
372474
372480
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

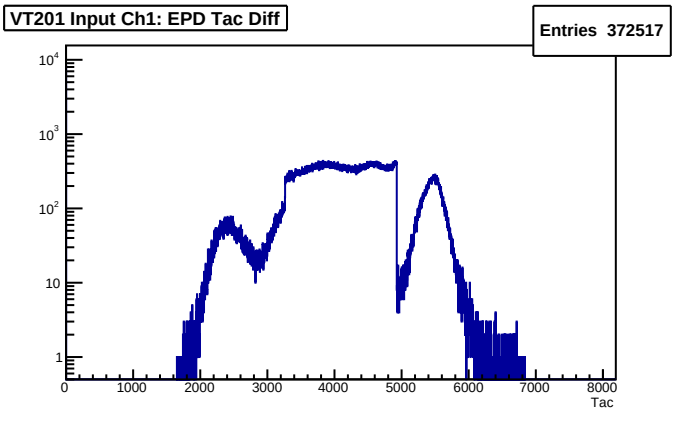

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

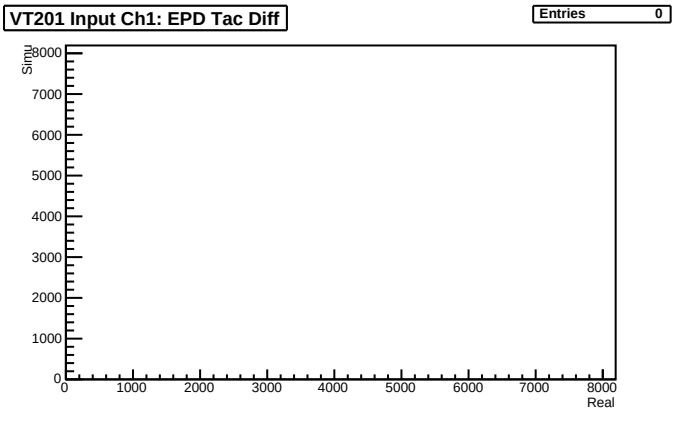

VT201 Input Ch0: BBC Small Tac Diff
Entries 372517
Tac

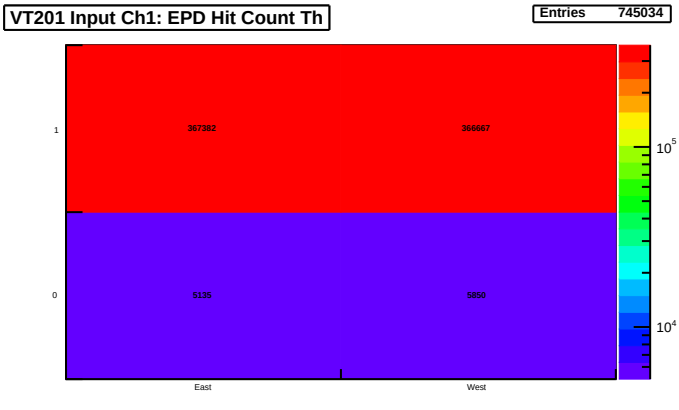

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

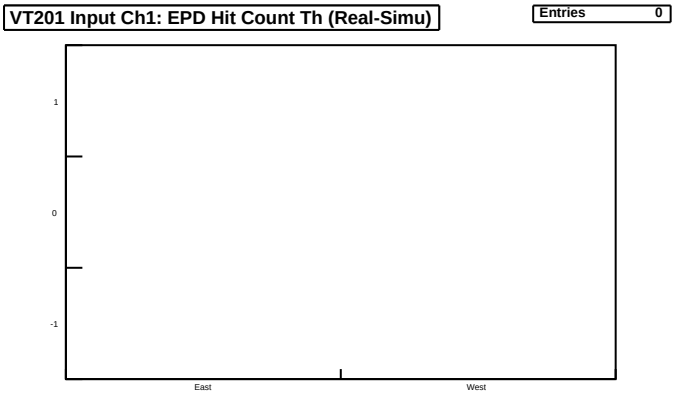

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 745034
272819
317147
99698
55370
East
West

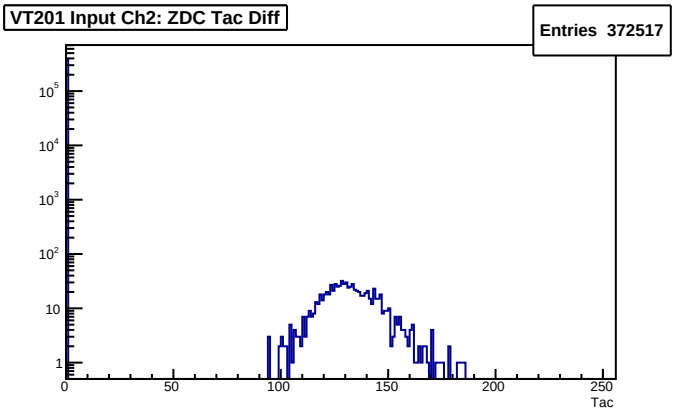

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

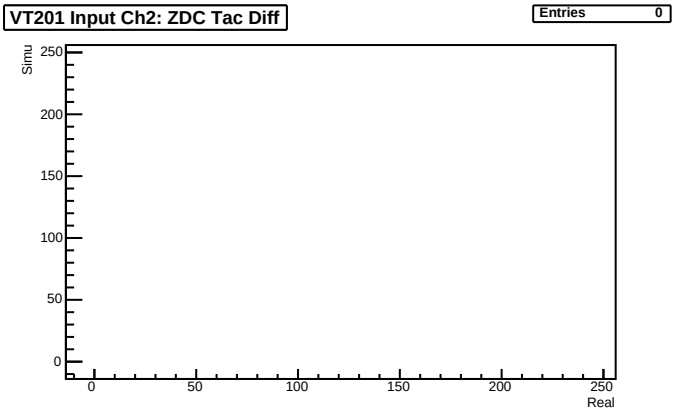

VT201 Input Ch1: EPD Tac Diff
Entries 372517
Tac

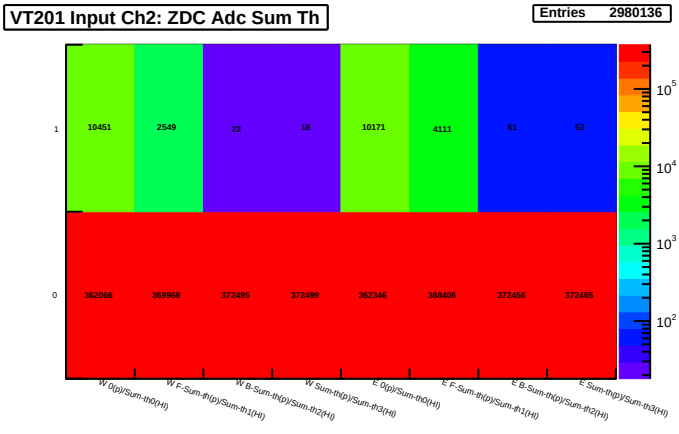

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

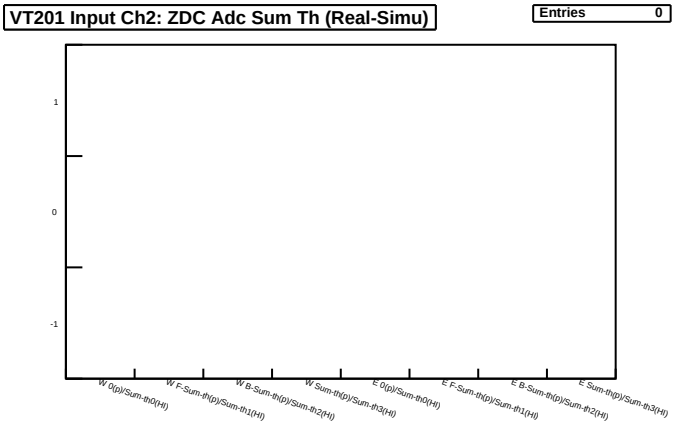

VT201 Input Ch1: EPD Hit Count Th
Entries 745034
367382
360667
5135
5850
East
West

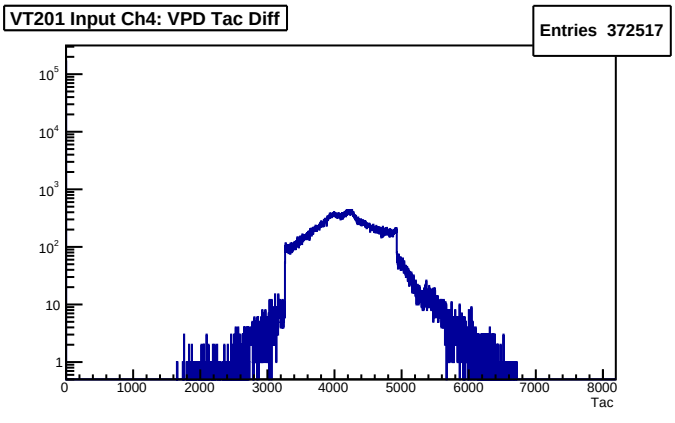

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

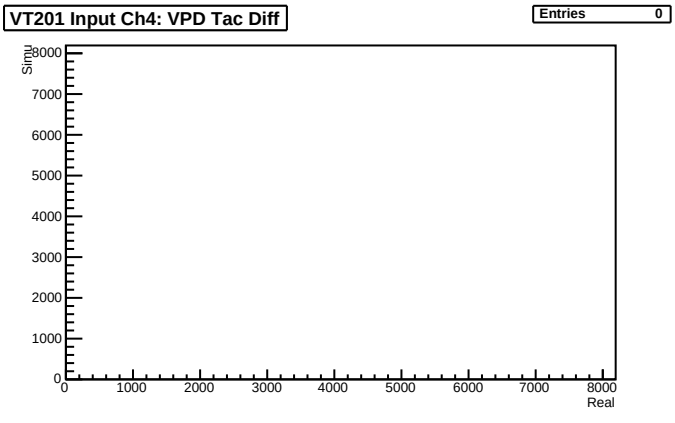

VT201 Input Ch2: ZDC Tac Diff
Entries 372517
Tac

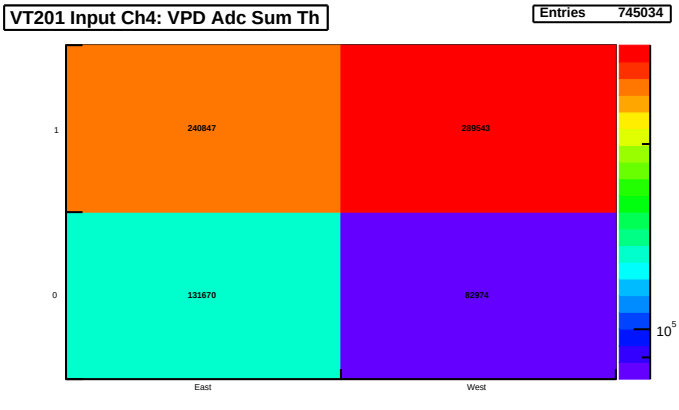

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

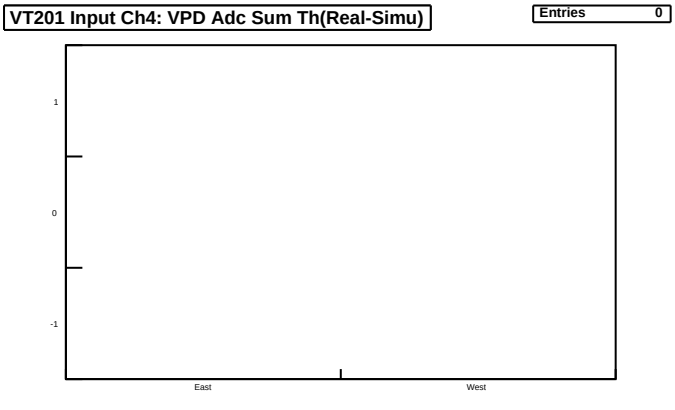

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2980136
10451
2549
22
18
10171
4111
61
52
362066
369968
372495
372499
362346
368406
372456
372465
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

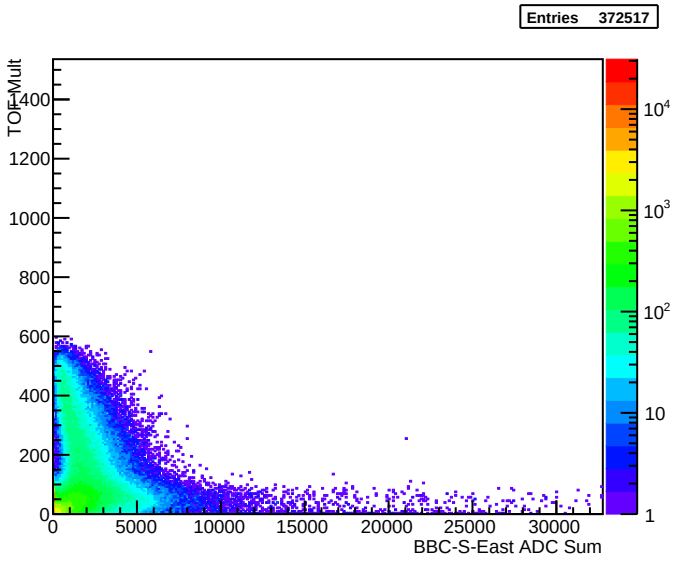

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

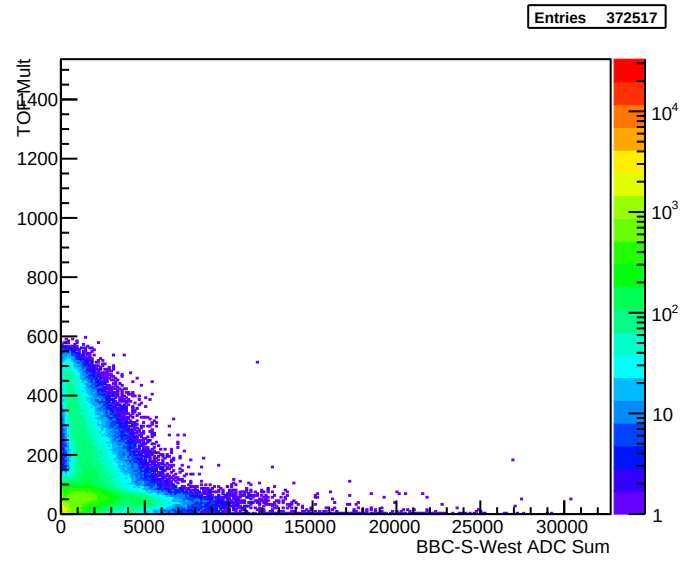

VT201 Input Ch4: VPD Tac Diff
Entries 372517
Tac

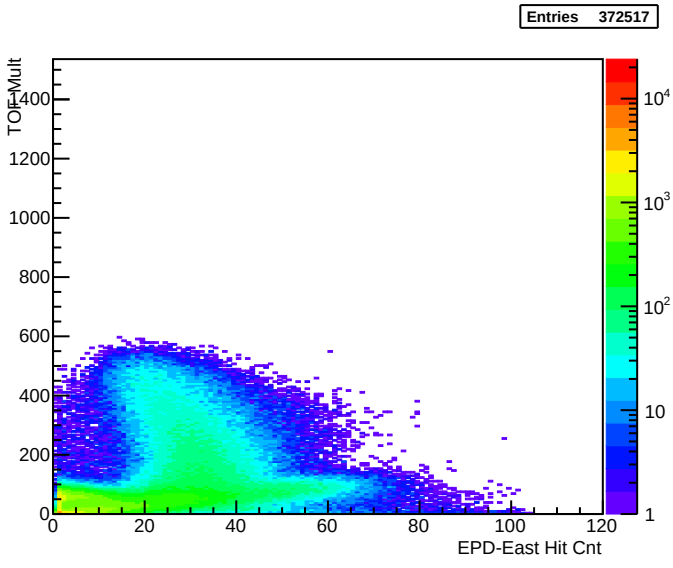

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

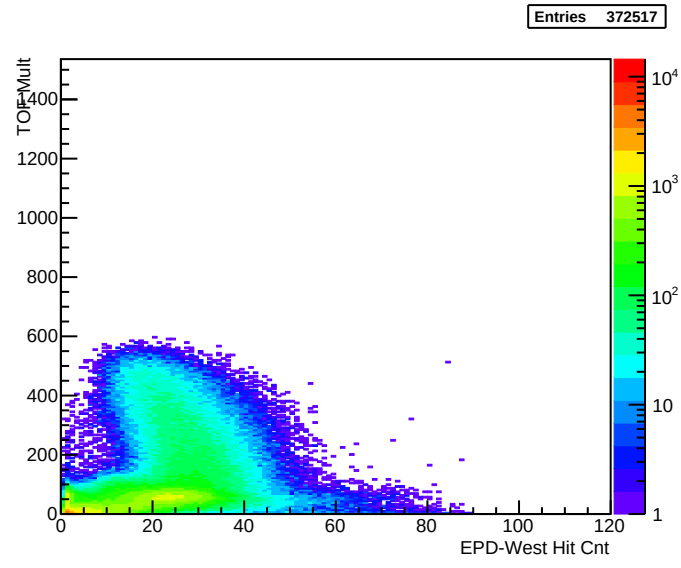

VT201 Input Ch4: VPD Adc Sum Th
Entries 745034
240847
289543
131670
82974
East
West

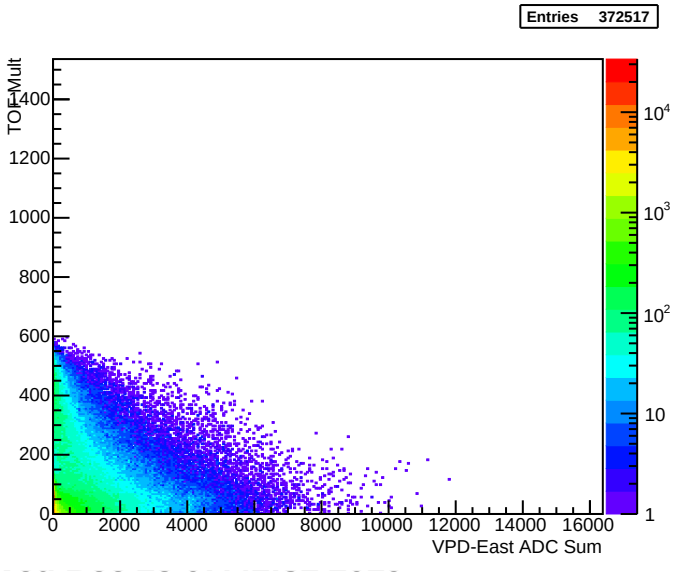

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

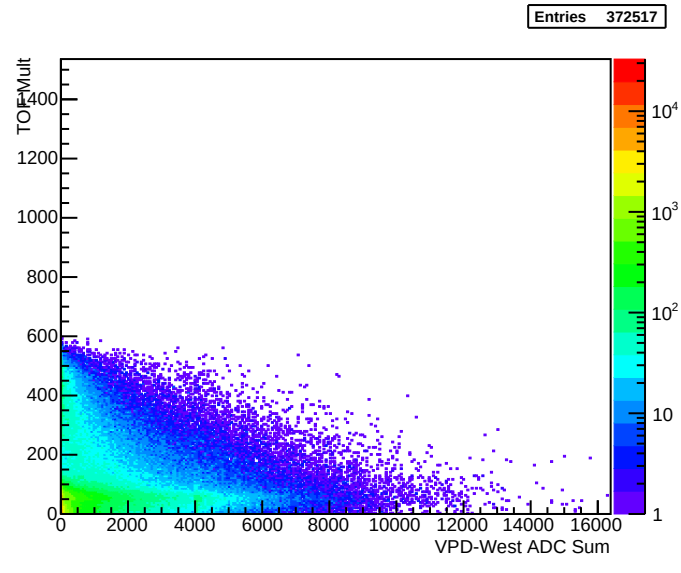

Entries 372517
TOF-Mult
BBC-S-East ADC Sum

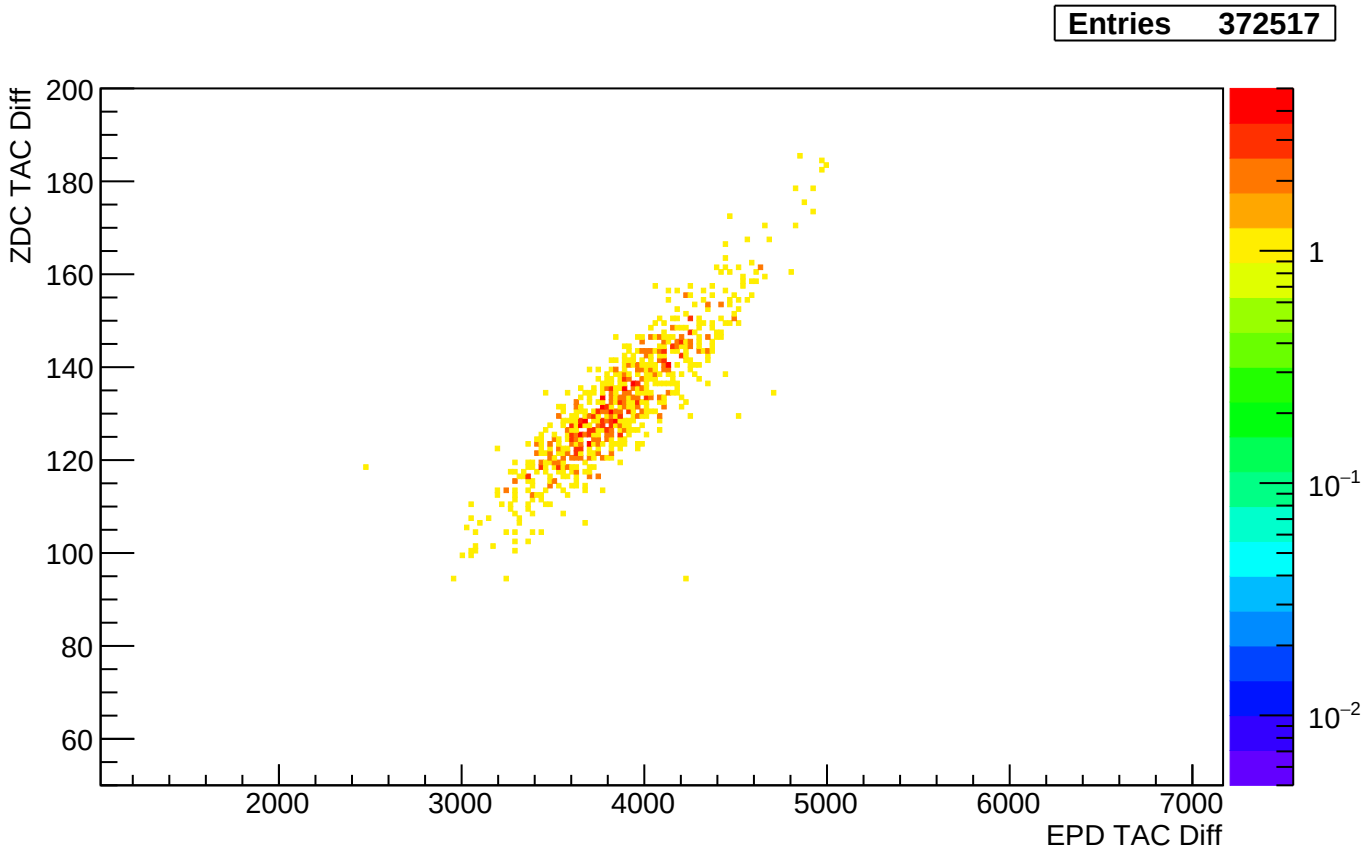

Entries 372517
TOF-Mult
BBC-S-West ADC Sum

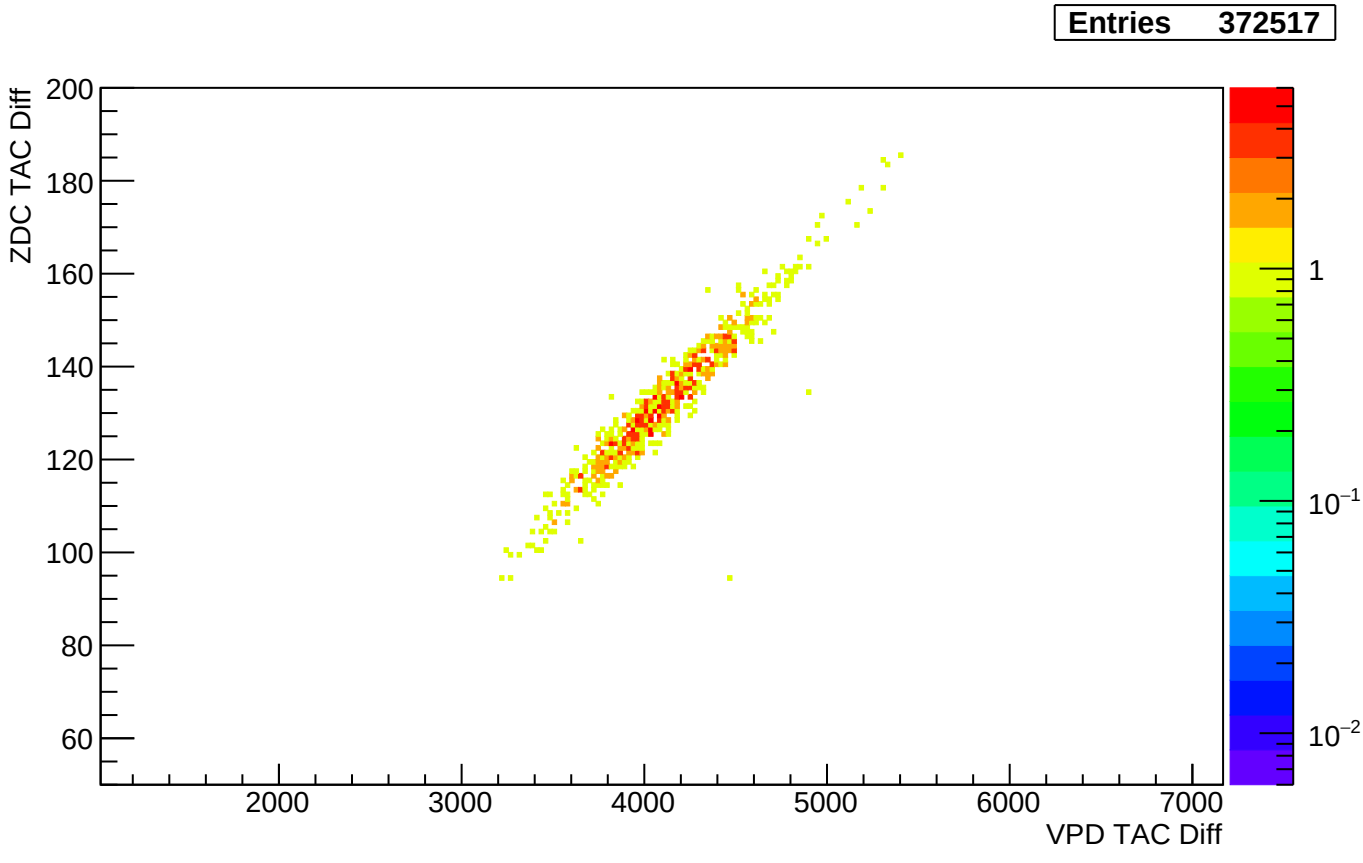

Entries 372517
TOF-Mult
EPD-East Hit Cnt

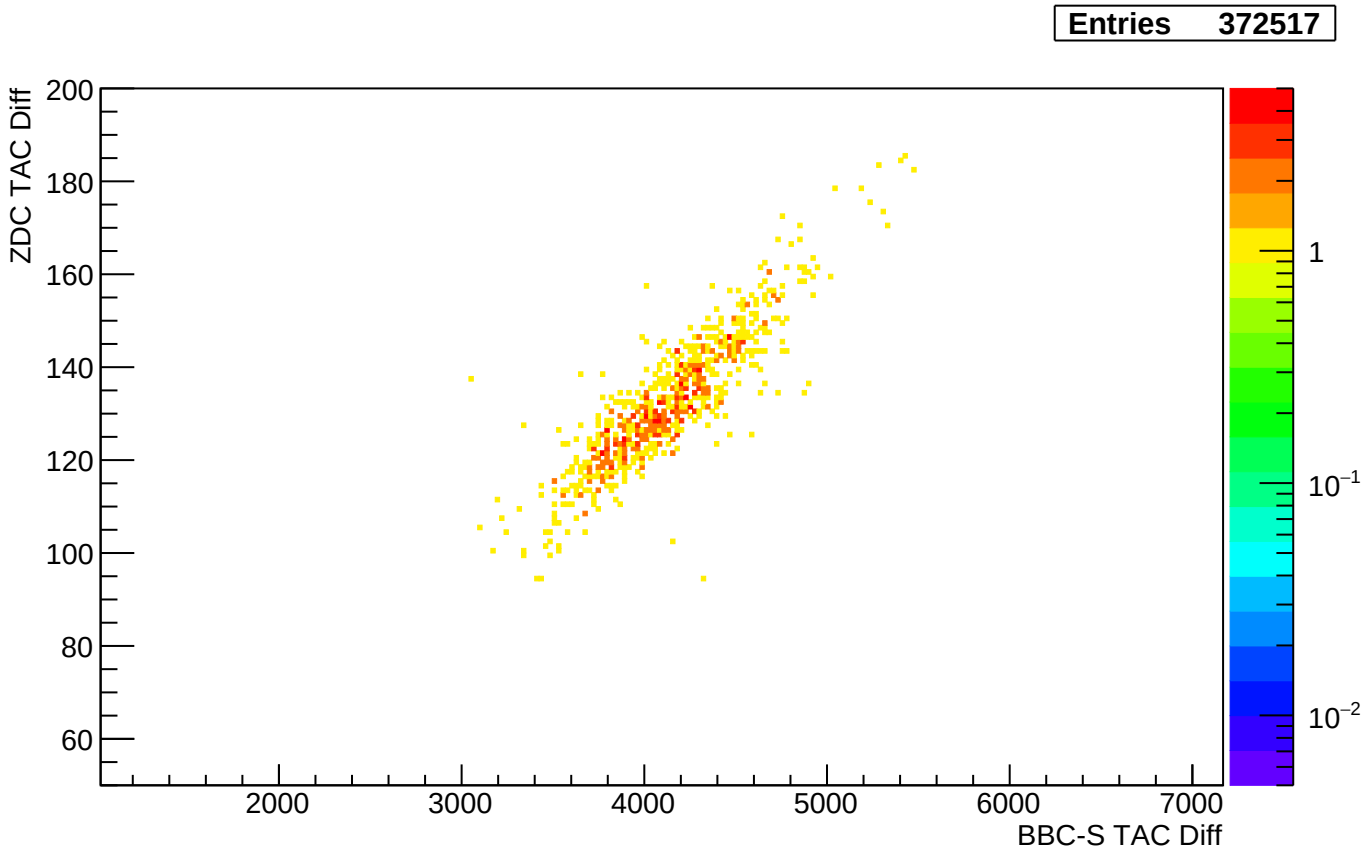

Entries 372517
TOF-Mult
EPD-West Hit Cnt

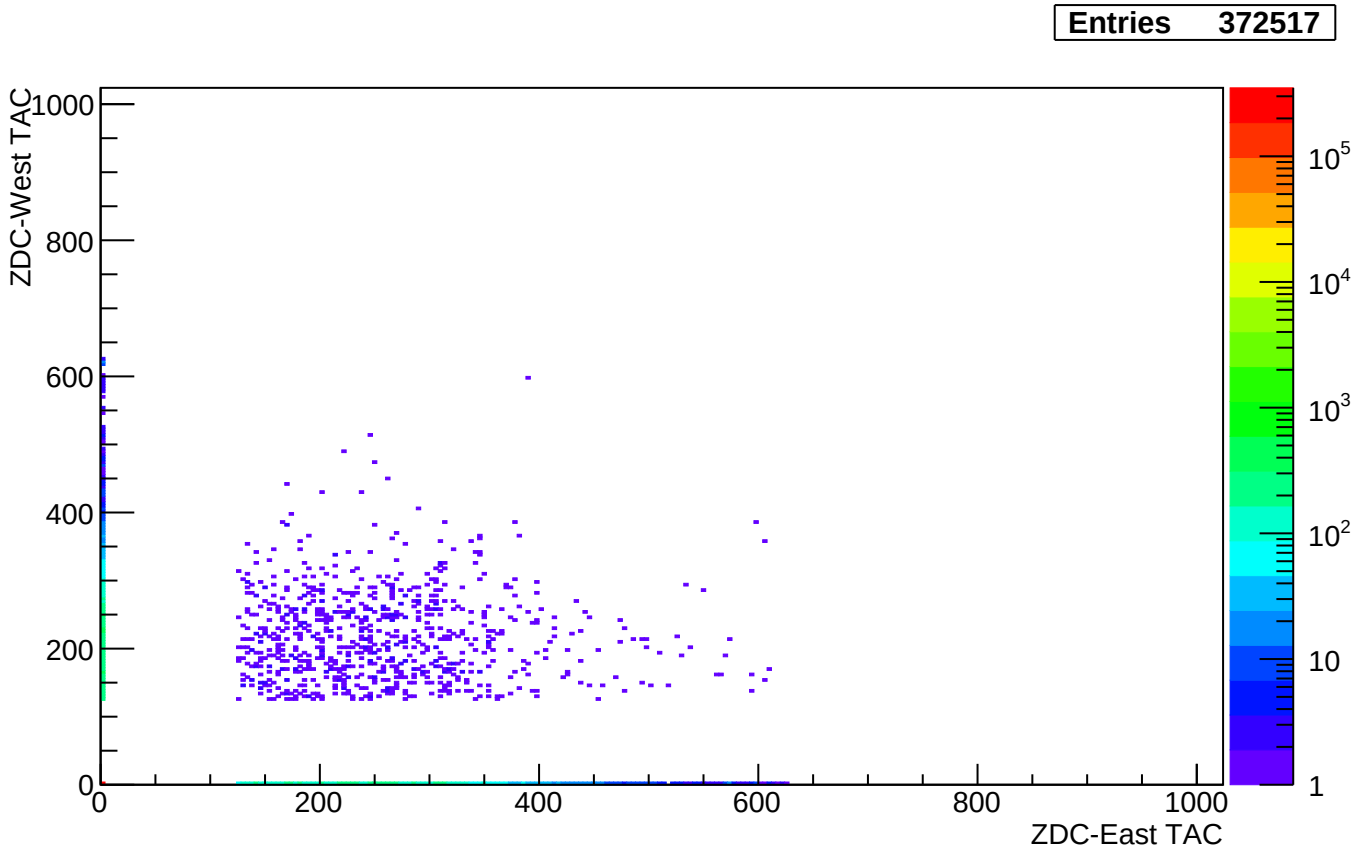

Entries 372517
TOF-Mult
VPD-East ADC Sum

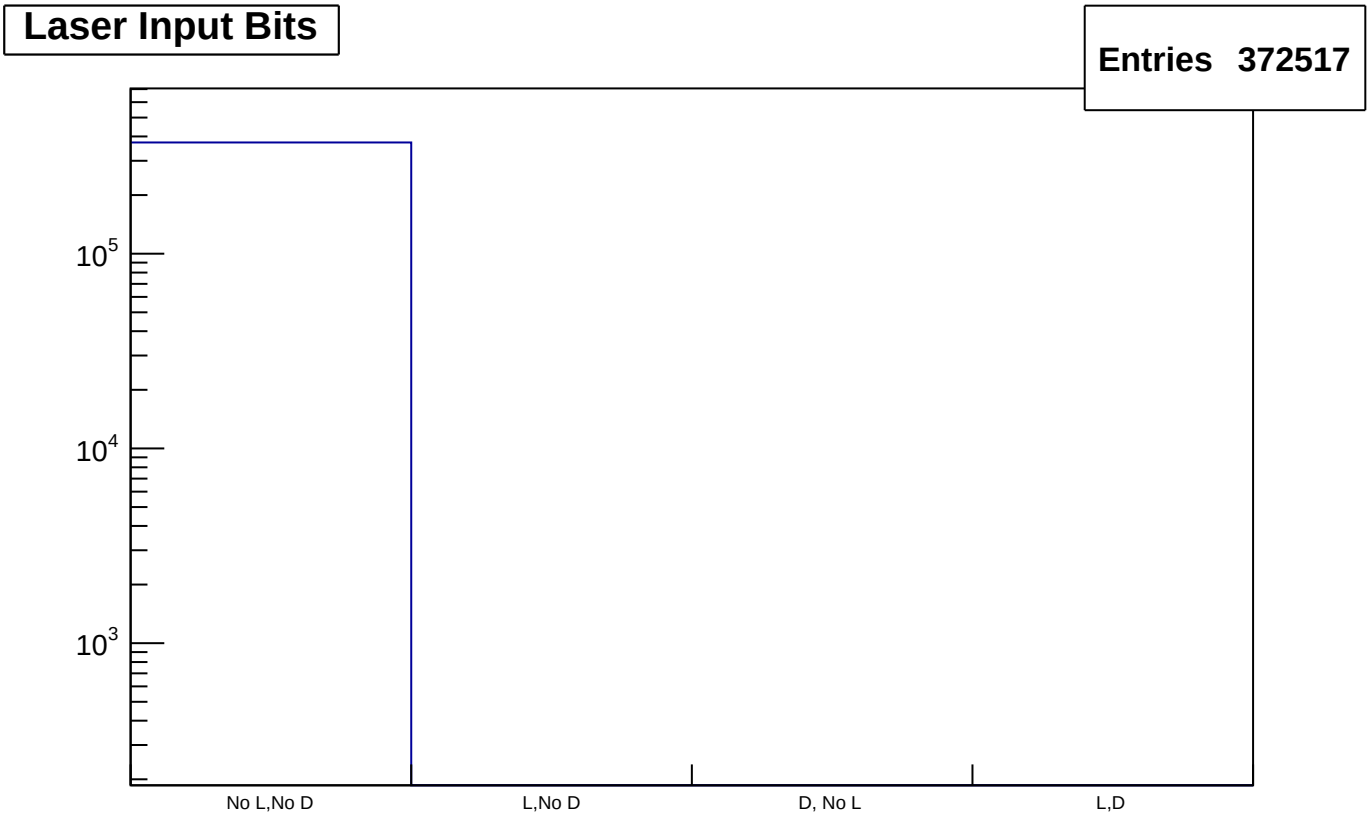

Entries 372517
TOF-Mult
VPD-West ADC Sum

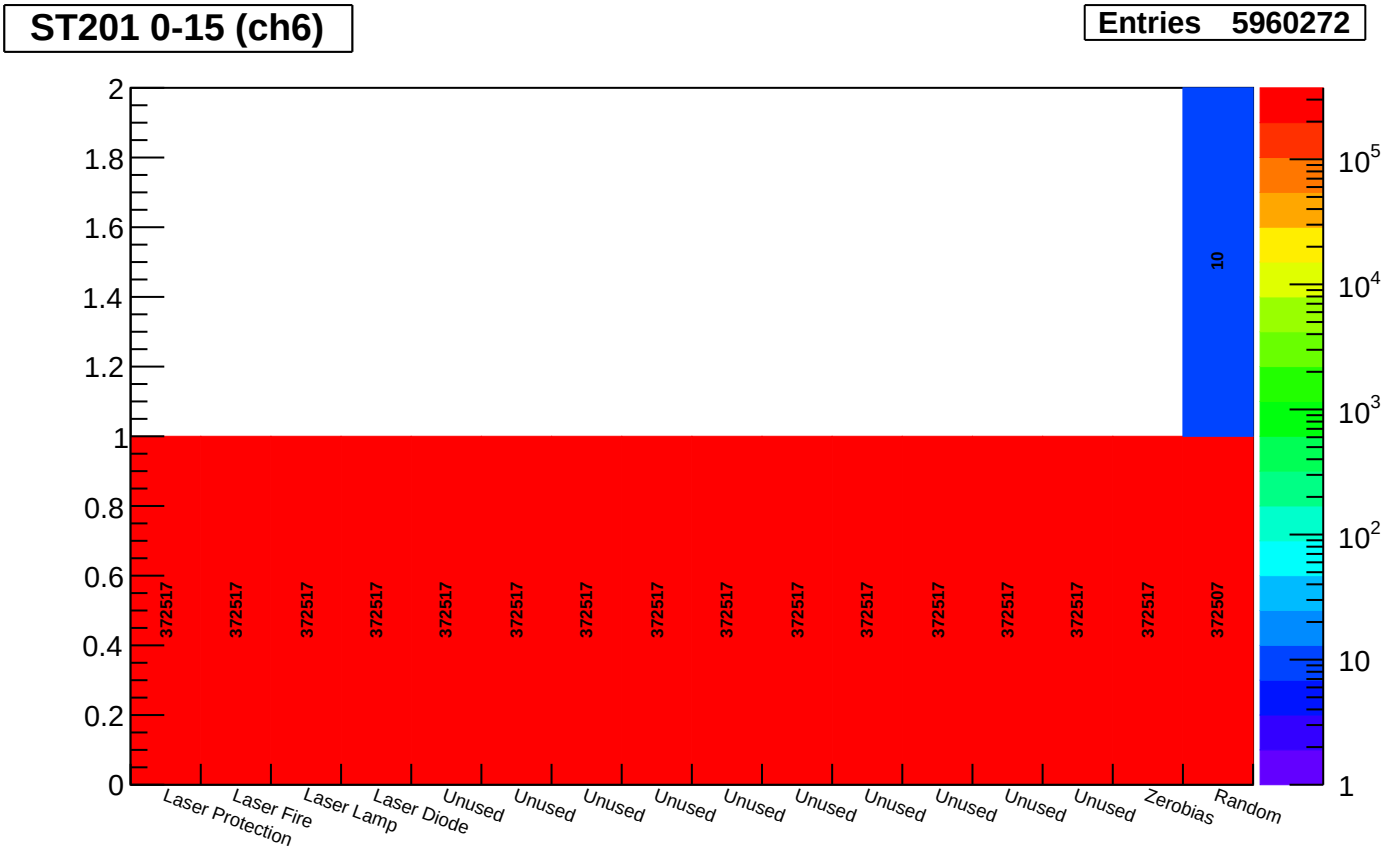

Entries 372517
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

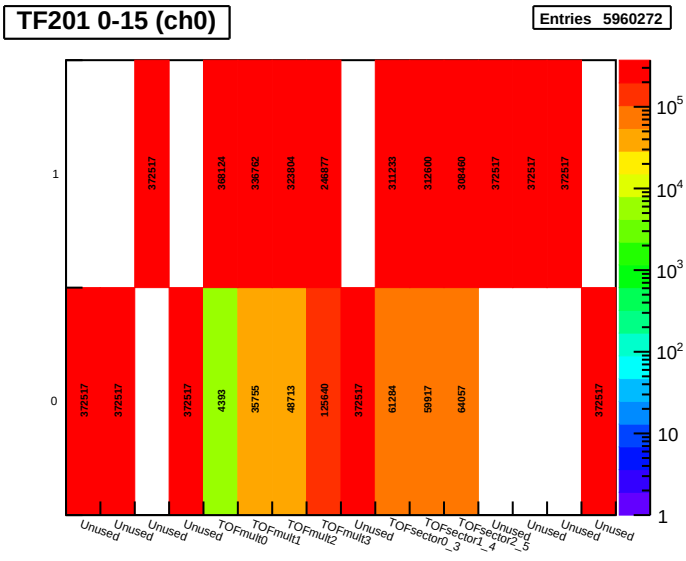

Entries 372517
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

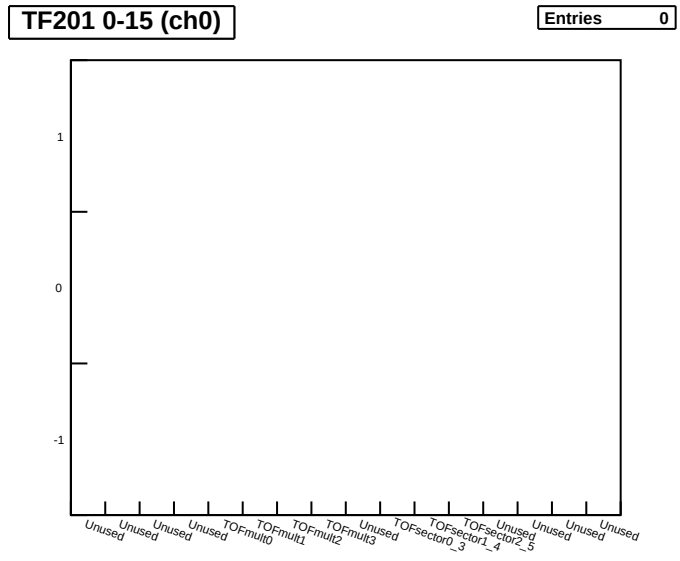

Entries 372517
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

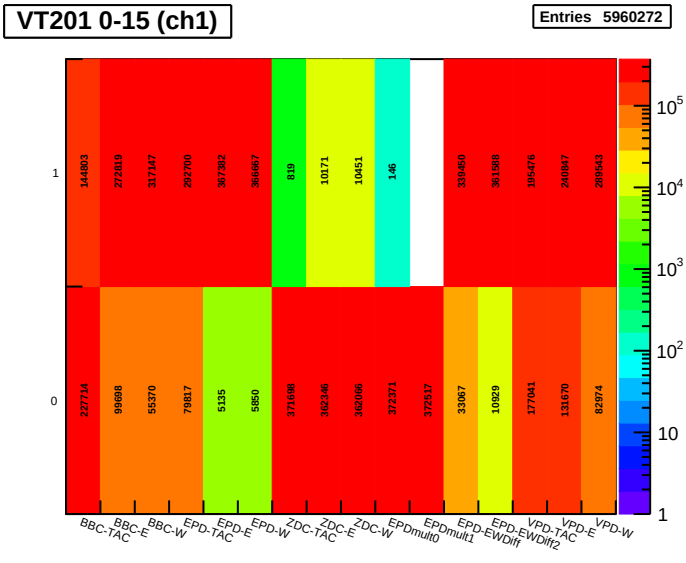

Entries 372517
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

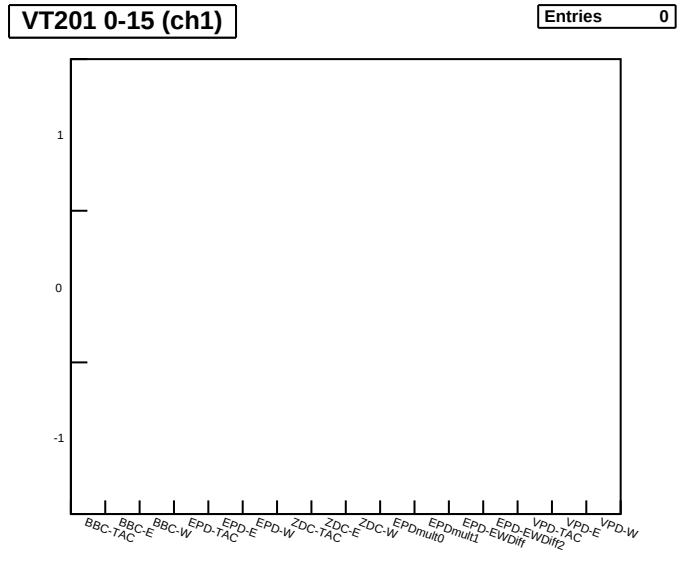

Laser Input Bits
Entries 372517
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

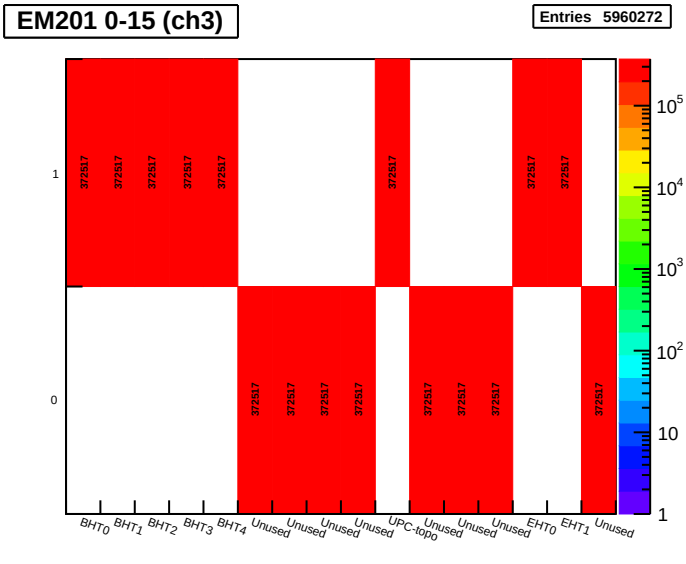

ST201 0-15 (ch6)
Entries 5960272
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10
372517
372507
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

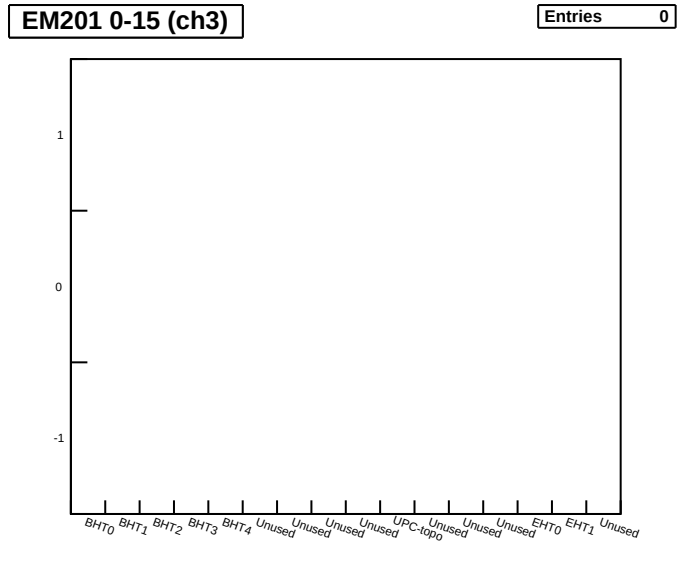

TF201 0-15 (ch0)
Entries 5960272
1
0
372517
368124
336762
323804
246877
311233
312600
308460
372517
372517
372517
372517
372517
372517
372517
4393
35755
48713
125640
372517
61284
59917
64057
372517
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
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 5960272
1
0
144803
272819
317447
292700
367382
366657
819
10171
10451
146
339450
361588
195476
240847
289543
227714
99698
55370
79817
5135
5850
371698
362346
362066
372371
372517
33067
10929
177041
131670
82974
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 5960272
1
0
372517
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