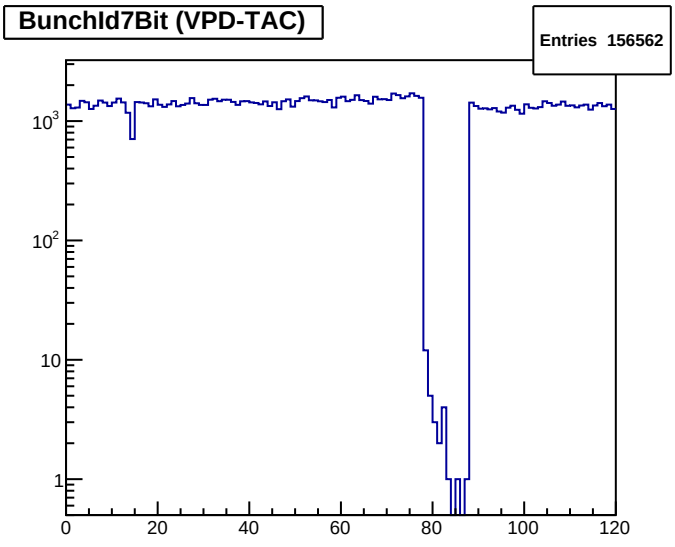
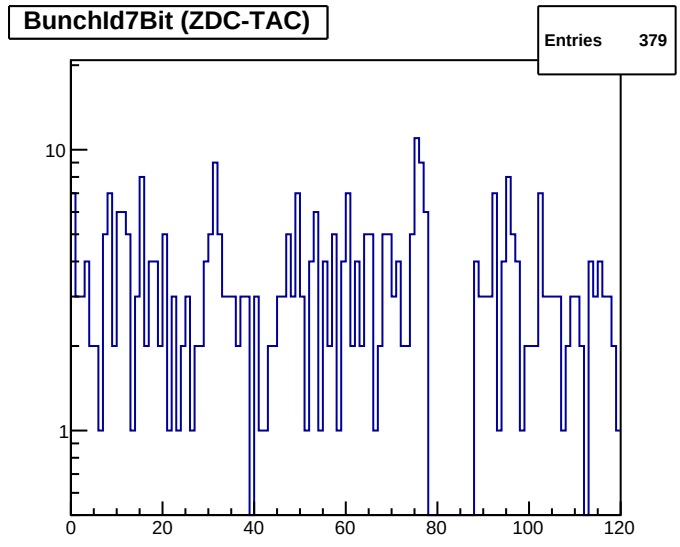
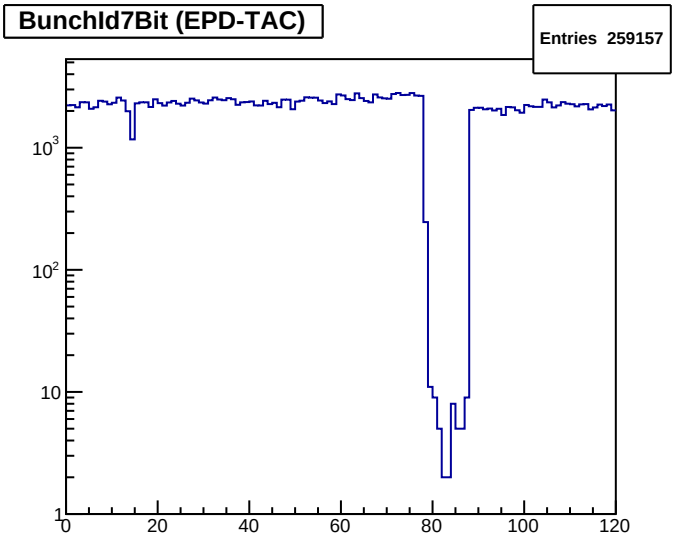
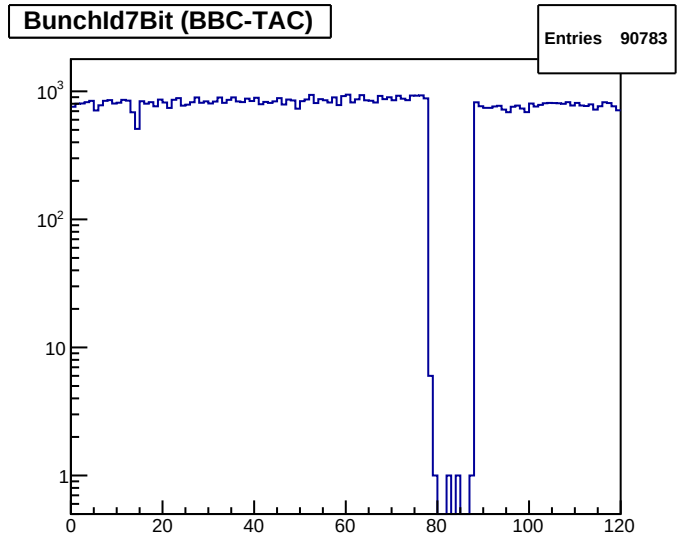
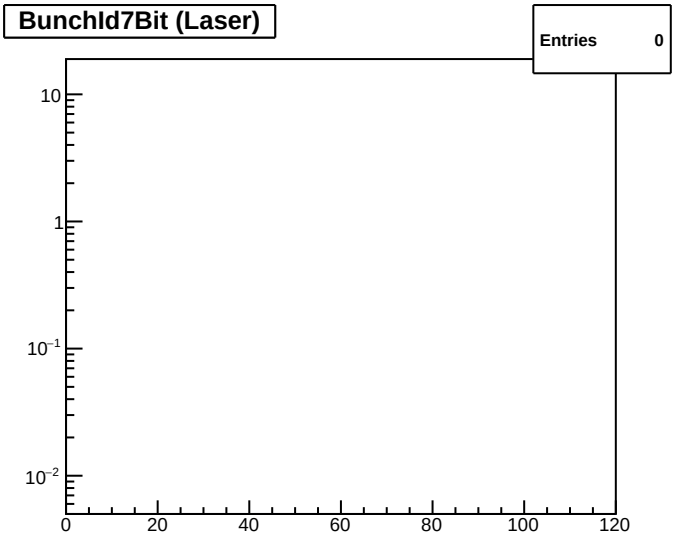
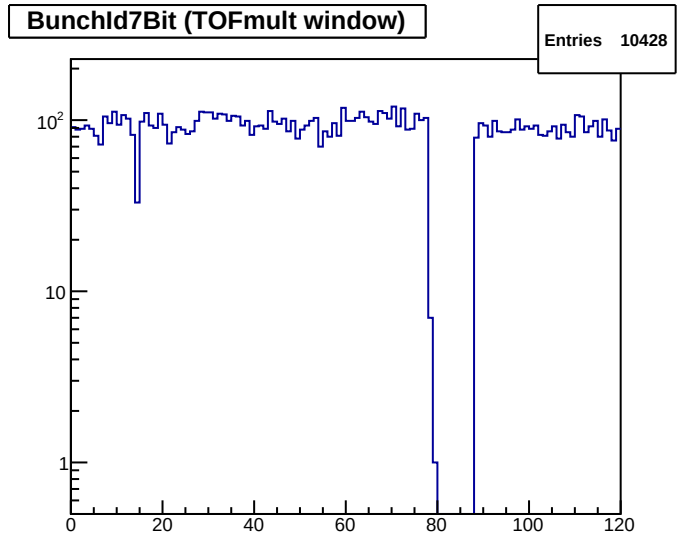

BunchId7Bit (VPD-TAC)
Entries 156562

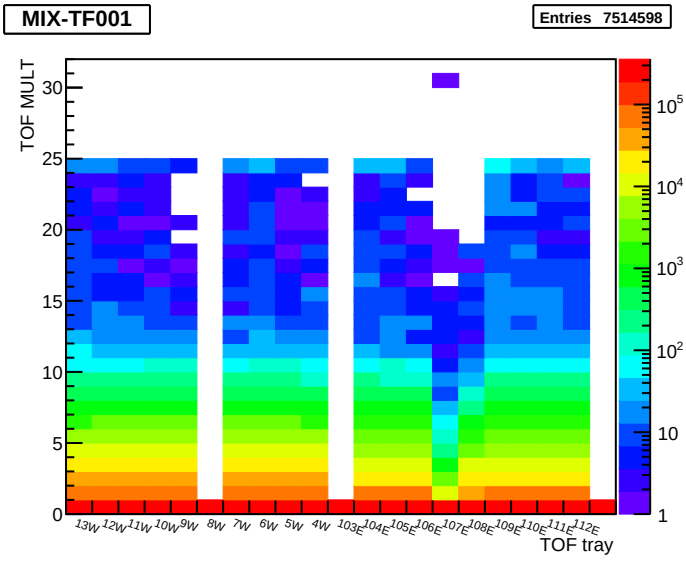

BunchId7Bit (ZDC-TAC)
Entries 379

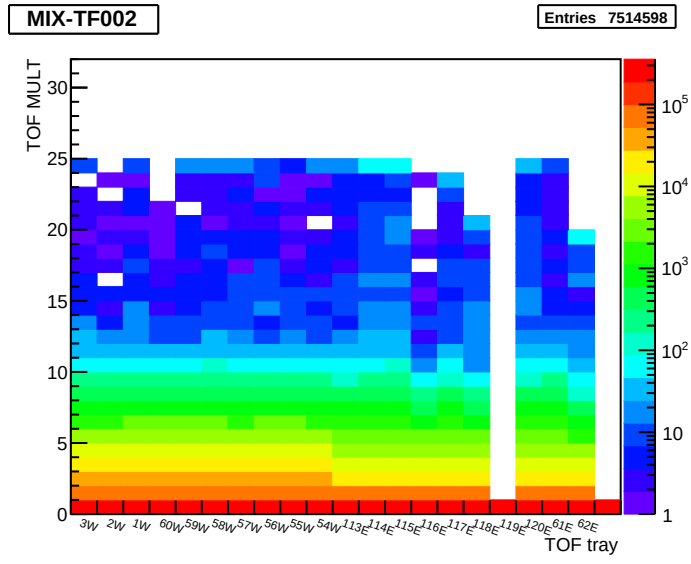

BunchId7Bit (EPD-TAC)
Entries 259157

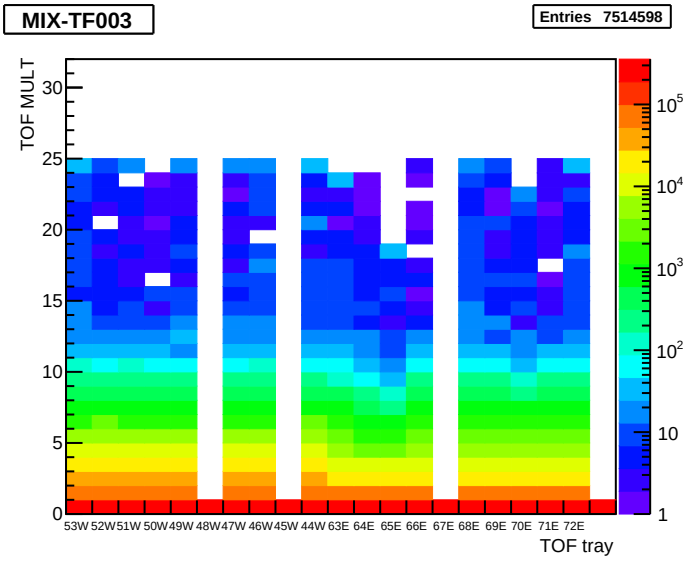

BunchId7Bit (BBC-TAC)
Entries 90783

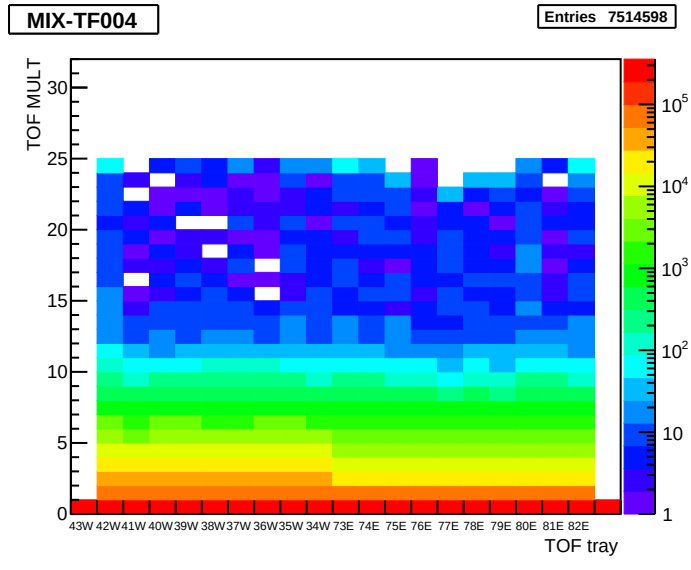

BunchId7Bit (Laser)
Entries 0

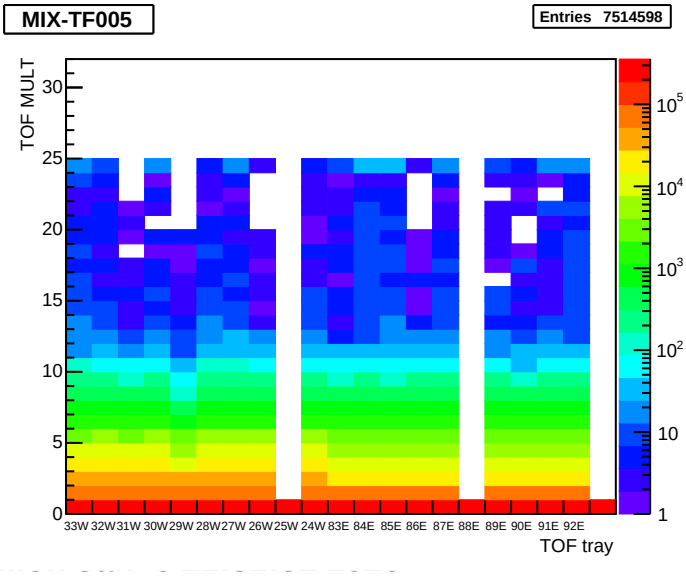

BunchId7Bit (TOFmult window)
Entries 10428

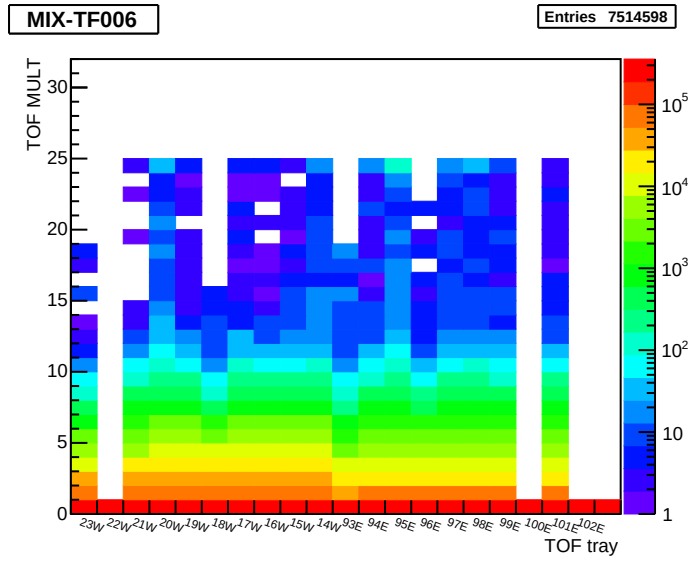

MIX-TF001
Entries 7514598
TOF MULT
TOF tray

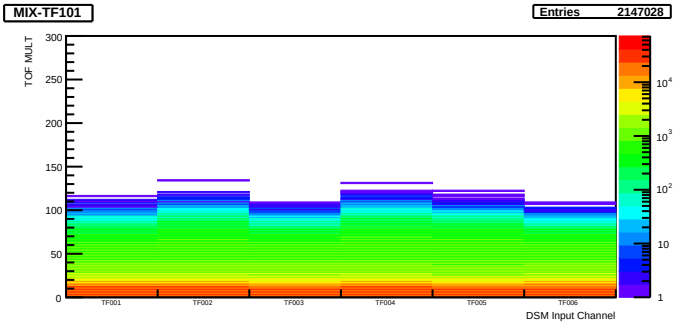

MIX-TF002
Entries 7514598
TOF MULT
TOF tray

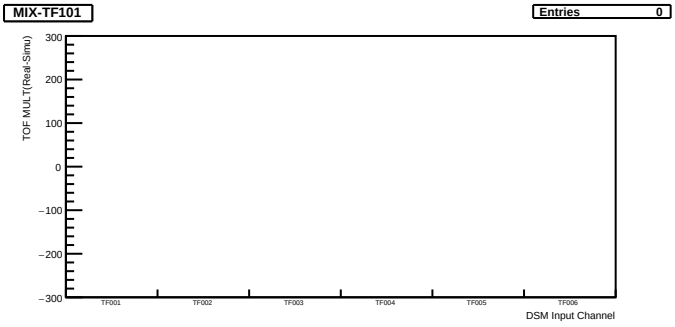

MIX-TF003
Entries 7514598
TOF MULT
TOF tray

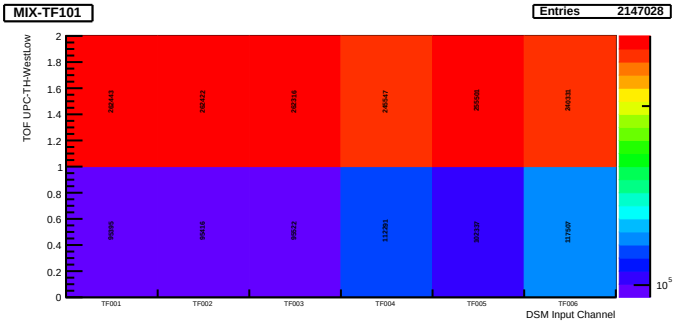

MIX-TF004
Entries 7514598
TOF MULT
TOF tray

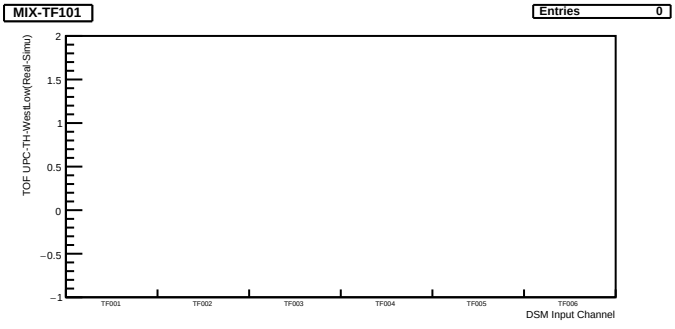

MIX-TF005
Entries 7514598
TOF MULT
TOF tray

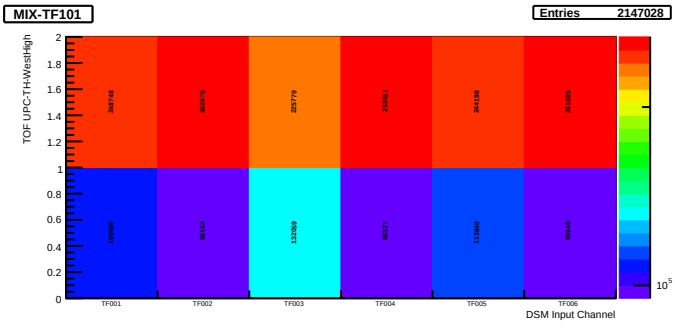

MIX-TF006
Entries 7514598
TOF MULT
TOF tray

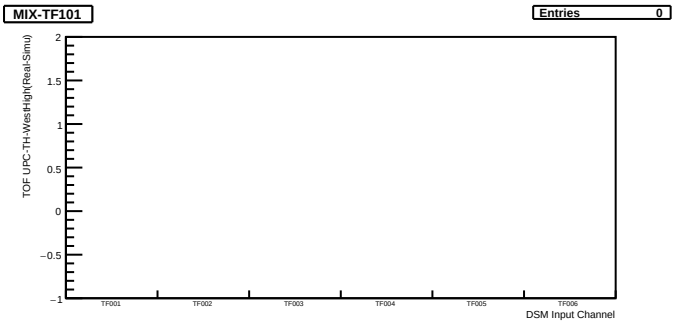

MIX-TF101
Entries 2147028
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

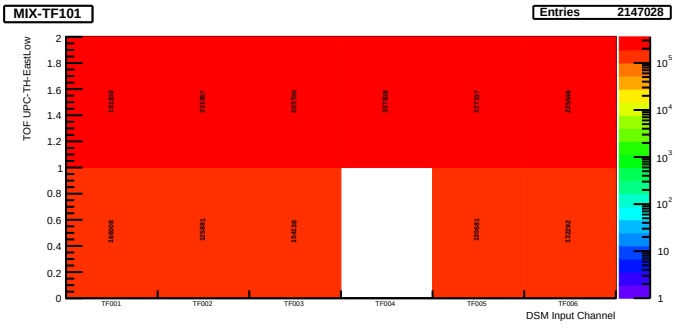

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

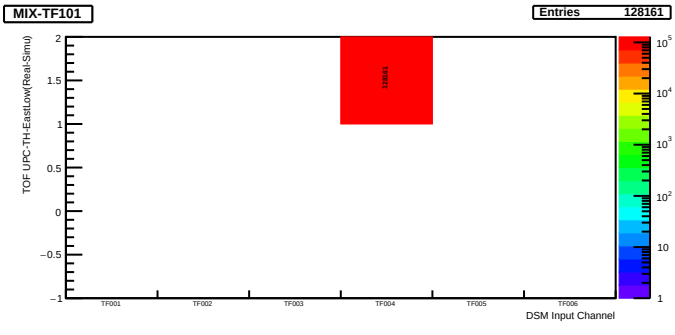

MIX-TF101
Entries 2147028
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

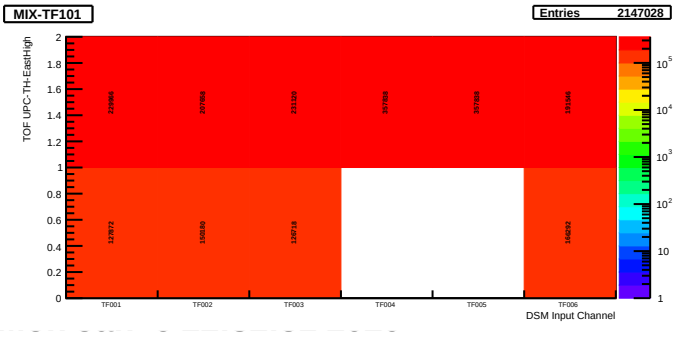

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

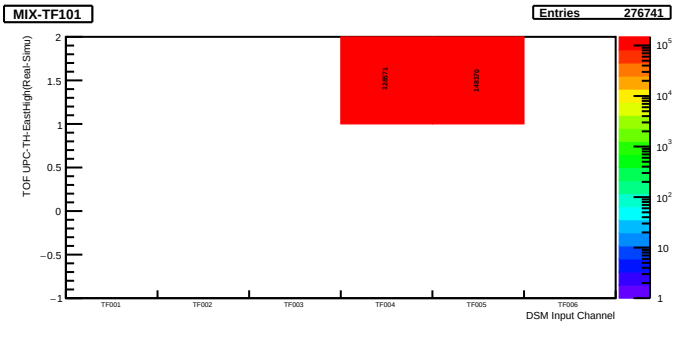

MIX-TF101
Entries 2147028
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

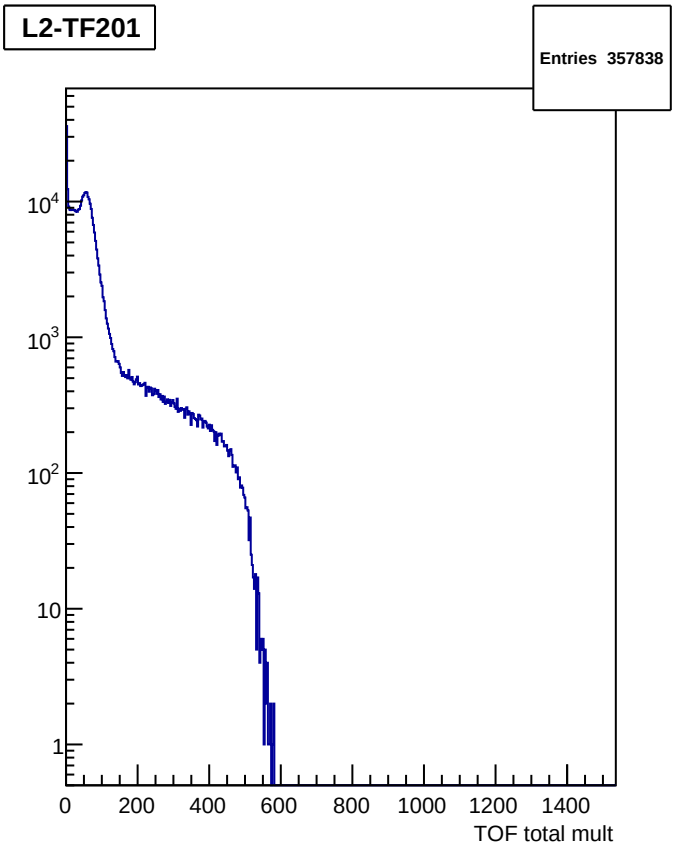

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

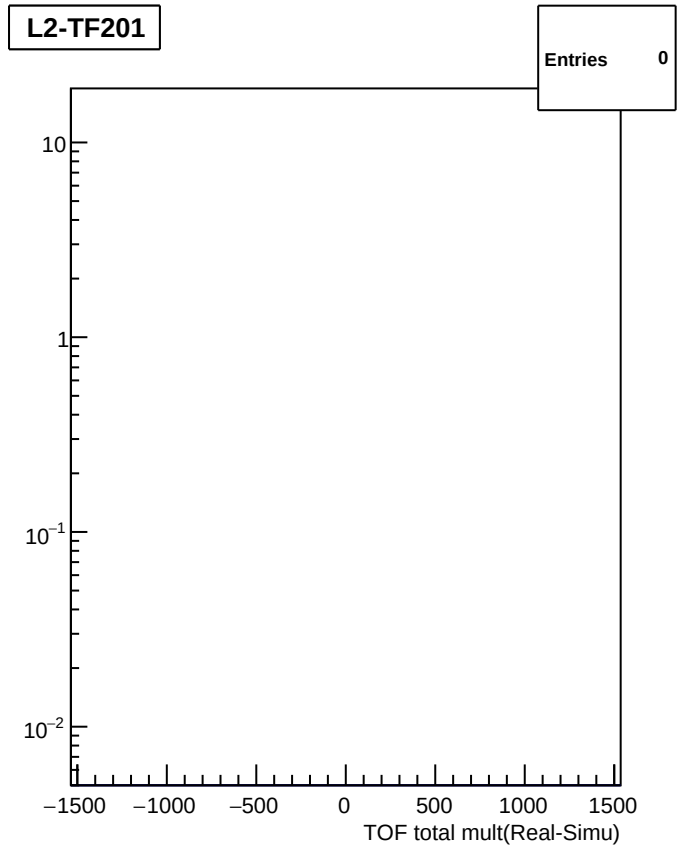

MIX-TF101
Entries 2147028
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

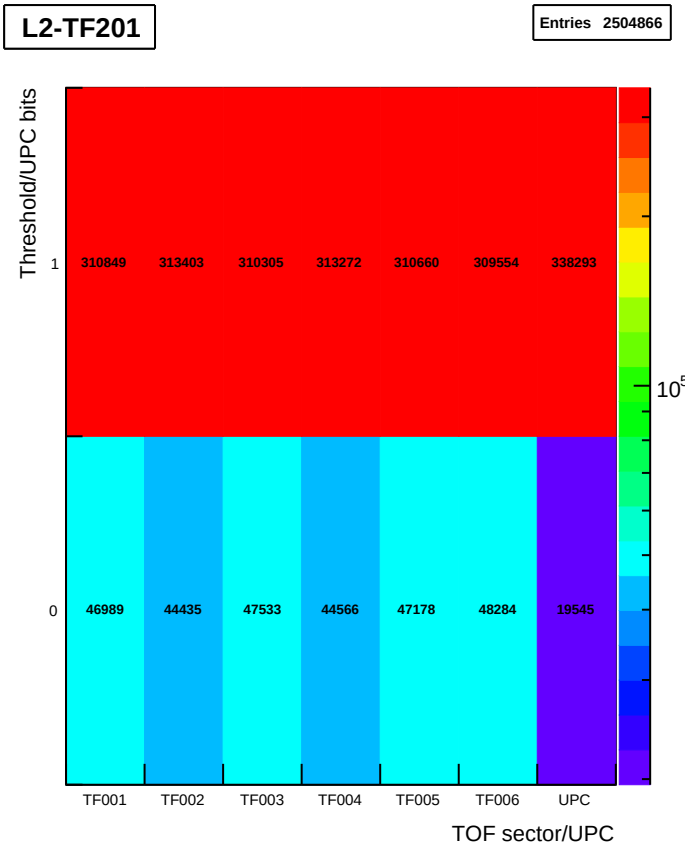

MIX-TF101
Entries 128161
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

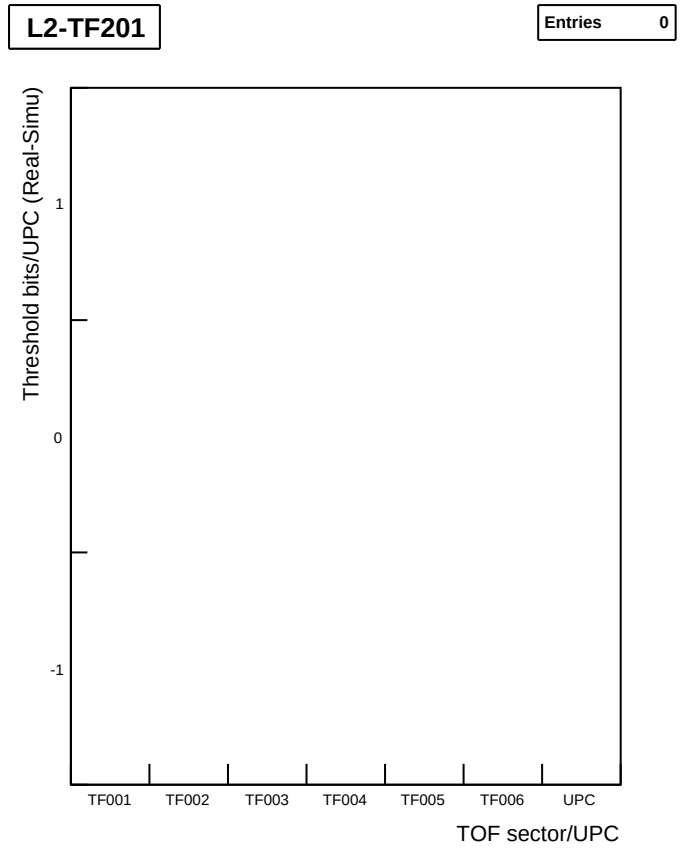

MIX-TF101
Entries 2147028
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

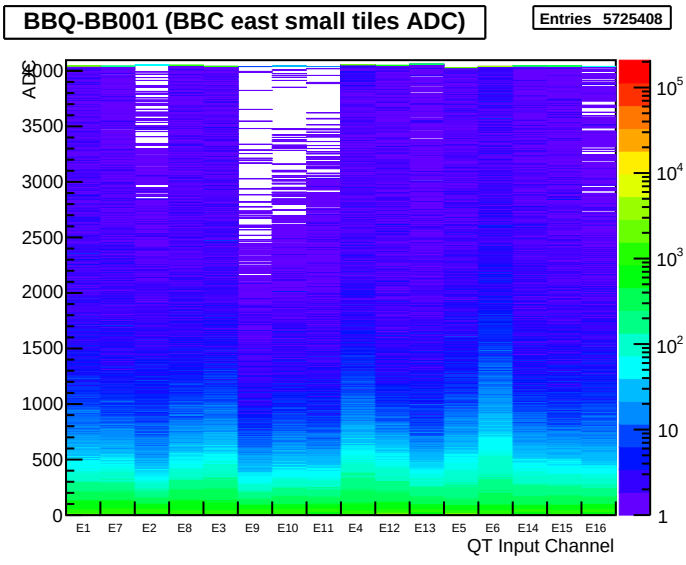

MIX-TF101
Entries 276741
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

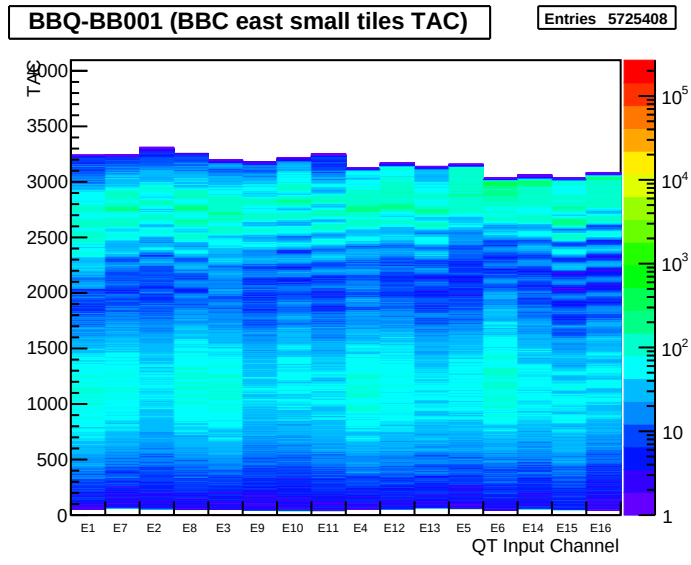

L2-TF201
Entries 357838
TOF total mult

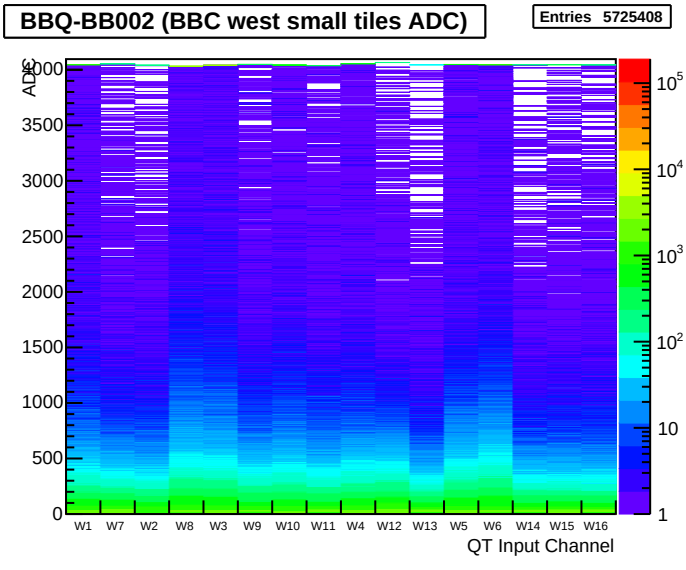

L2-TF201
Entries 0
TOF total mult(Real-Simu)

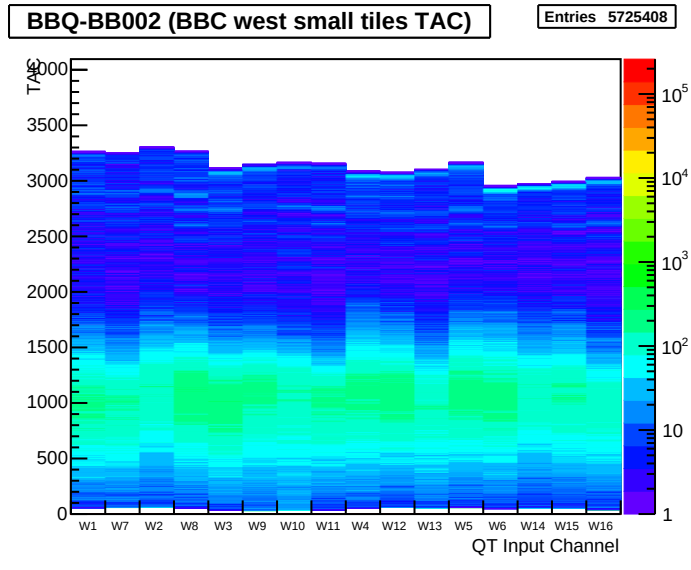

L2-TF201
Entries 2504866
Threshold/UPC bits
310849
313403
310305
313272
310660
309554
338293
46989
44435
47533
44566
47178
48284
19545
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

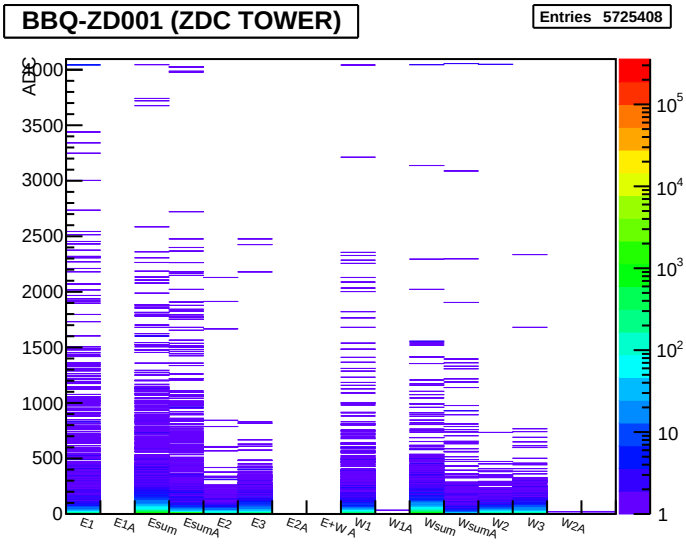

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

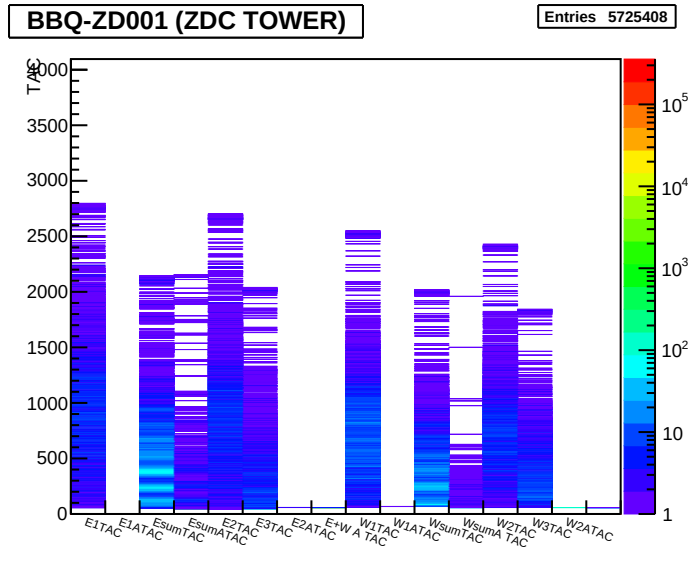

BBQ-BB001 (BBC east small tiles ADC)
Entries 5725408
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

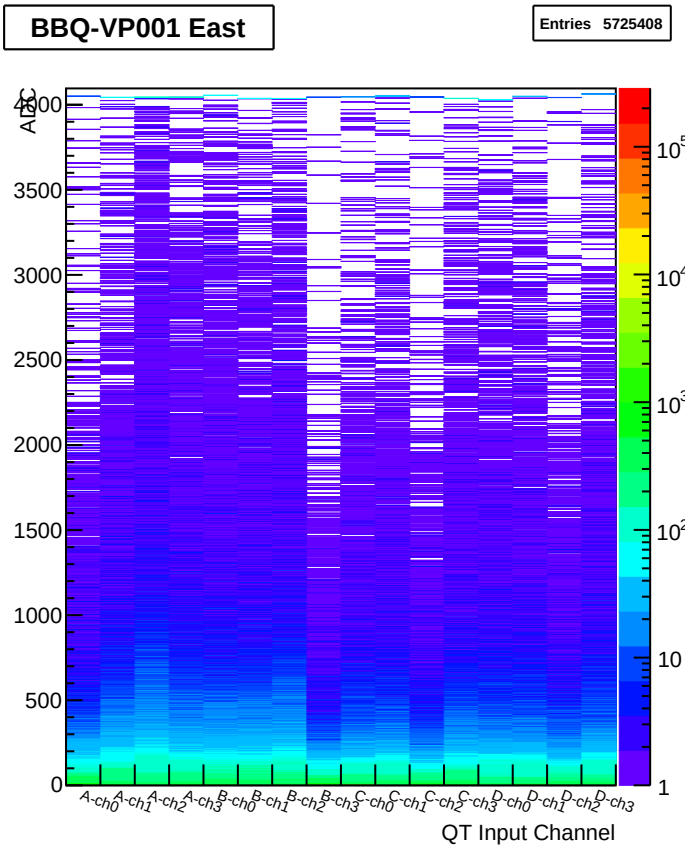

BBQ-BB001 (BBC east small tiles TAC)
Entries 5725408
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

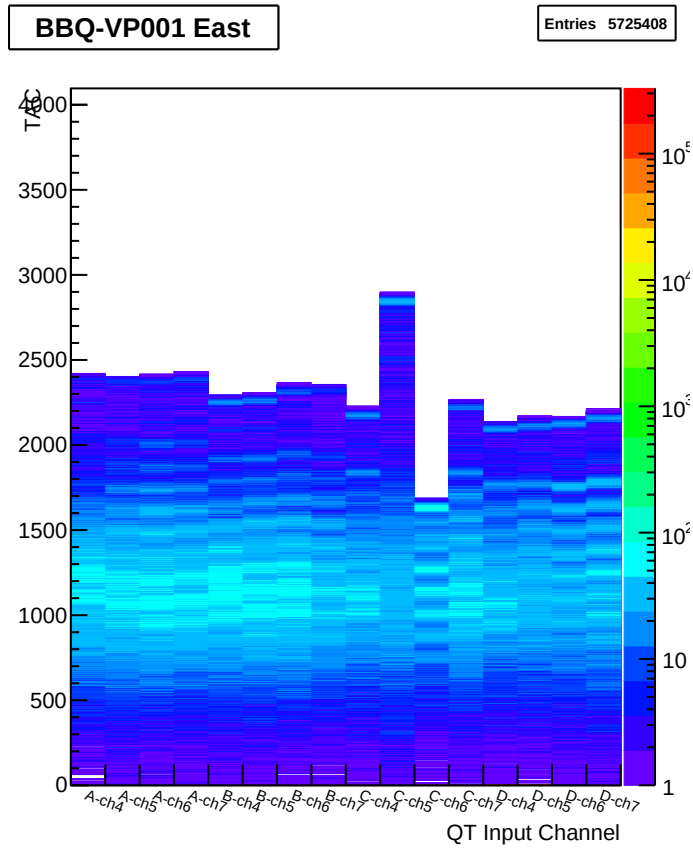

BBQ-BB002 (BBC west small tiles ADC)
Entries 5725408
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

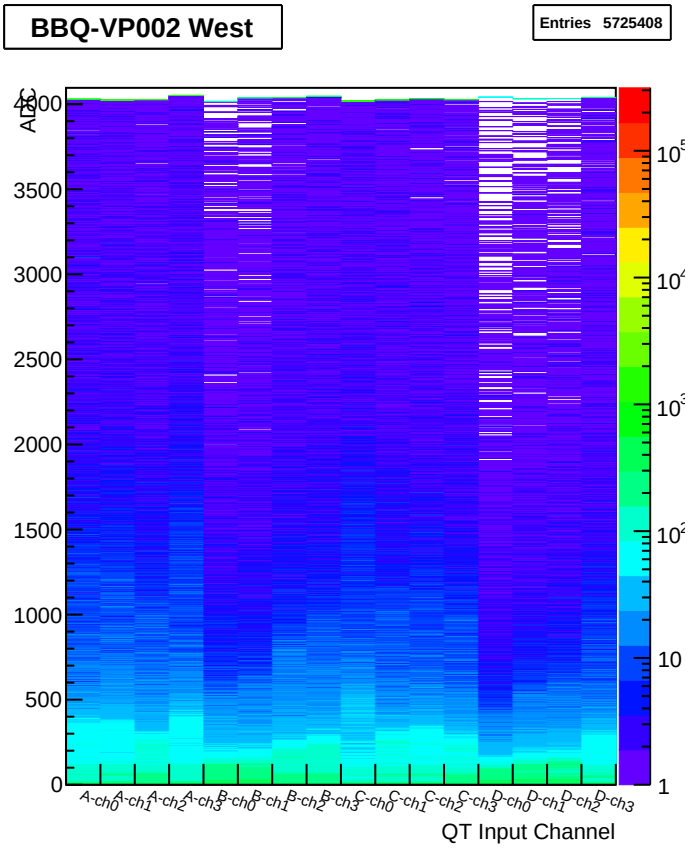

BBQ-BB002 (BBC west small tiles TAC)
Entries 5725408
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

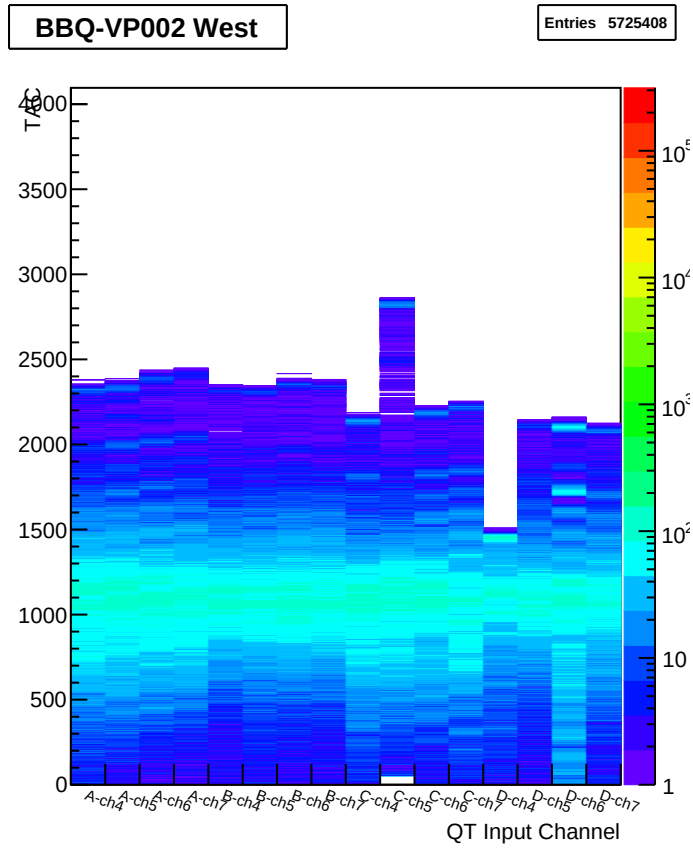

BBQ-ZD001 (ZDC TOWER)
Entries 5725408
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

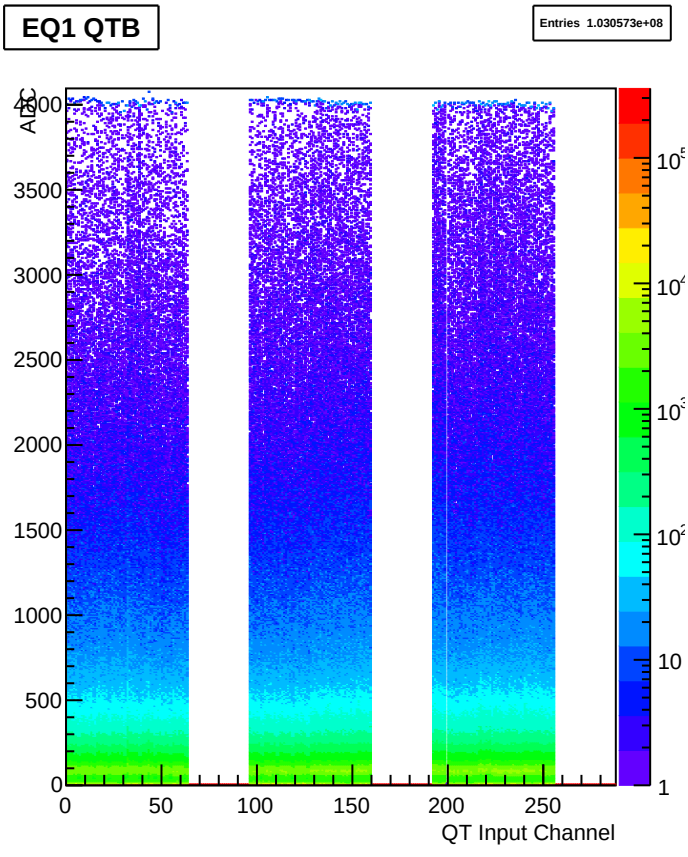

BBQ-ZD001 (ZDC TOWER)
Entries 5725408
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

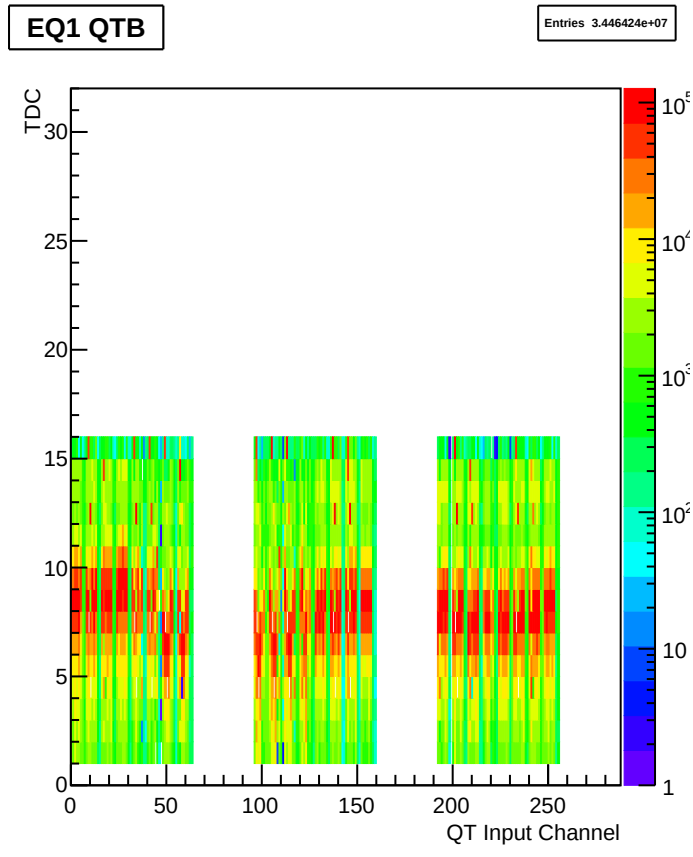

BBQ-VP001 East
Entries 5725408
ADC
QT Input Channel

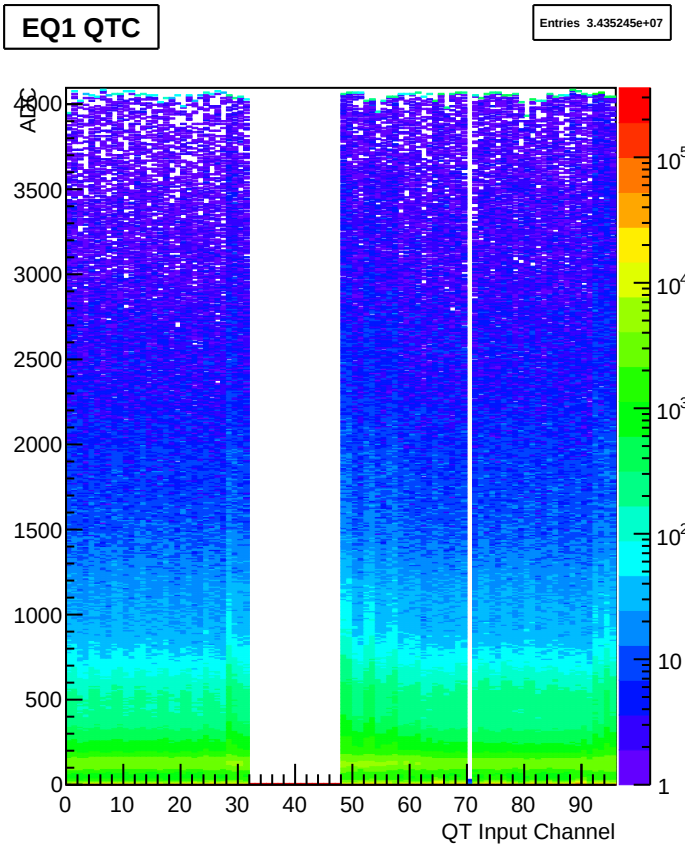

BBQ-VP001 East
Entries 5725408
TAC
QT Input Channel

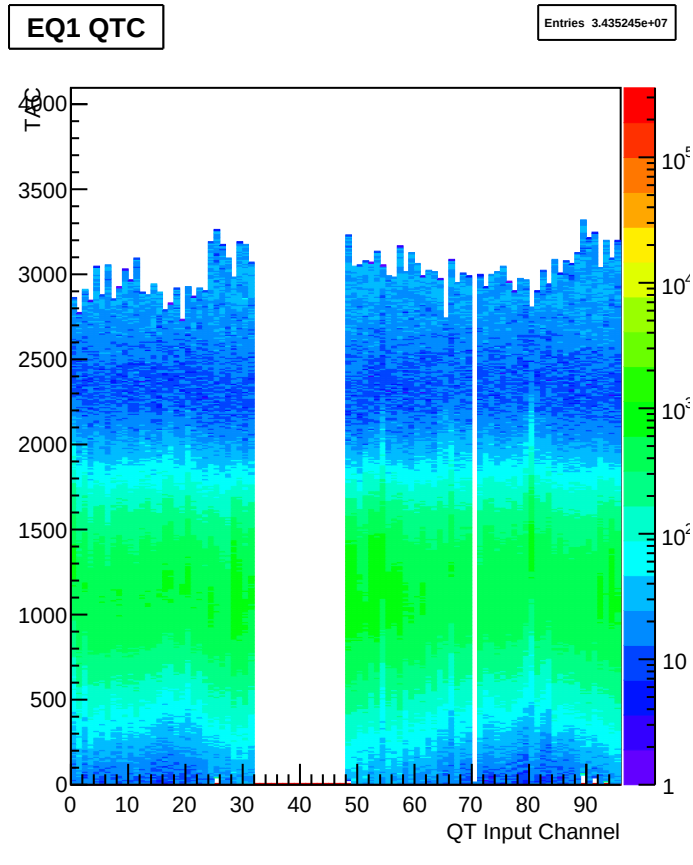

BBQ-VP002 West
Entries 5725408
ADC
QT Input Channel

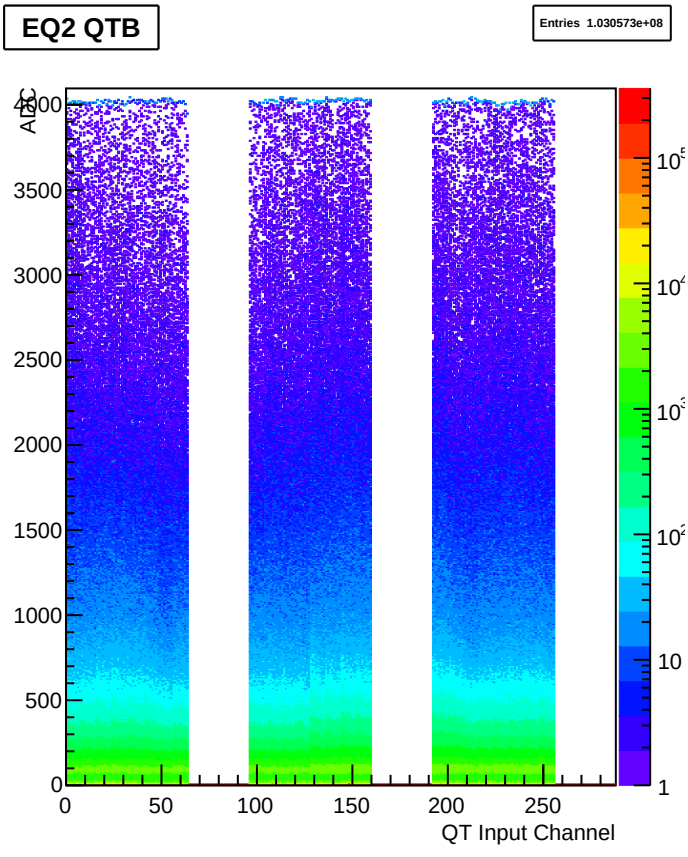

BBQ-VP002 West
Entries 5725408
TAC
QT Input Channel

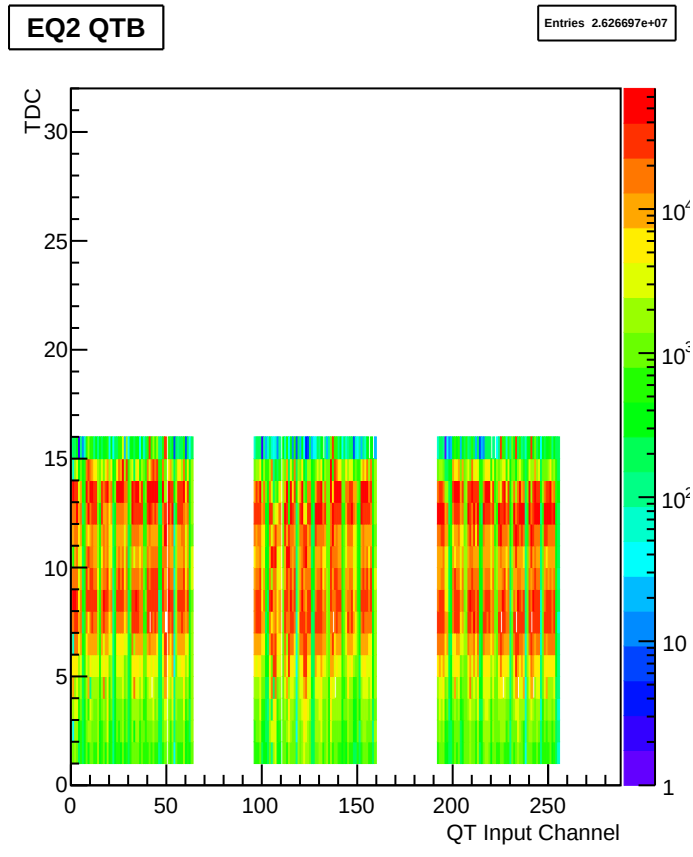

EQ1 QTB
Entries 1.030573e+08
ADC
QT Input Channel

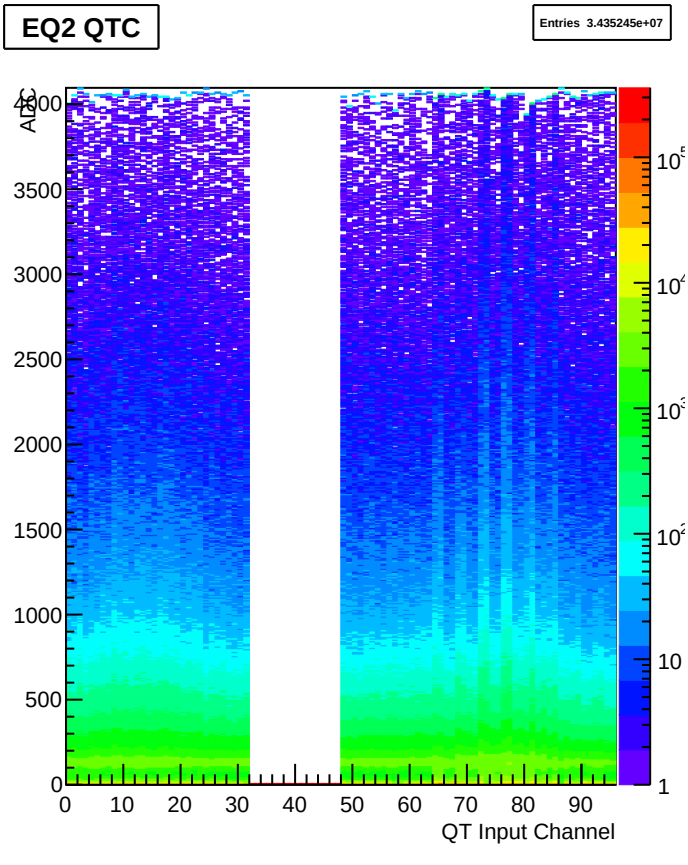

EQ1 QTB
Entries 3.446424e+07
TDC
QT Input Channel

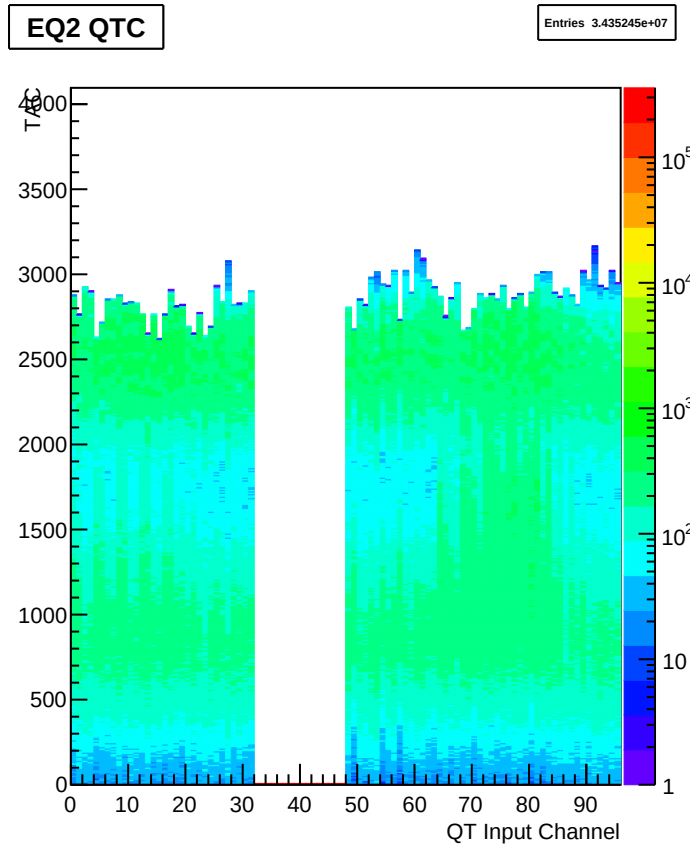

EQ1 QTC
Entries 3.435245e+07
ADC
QT Input Channel

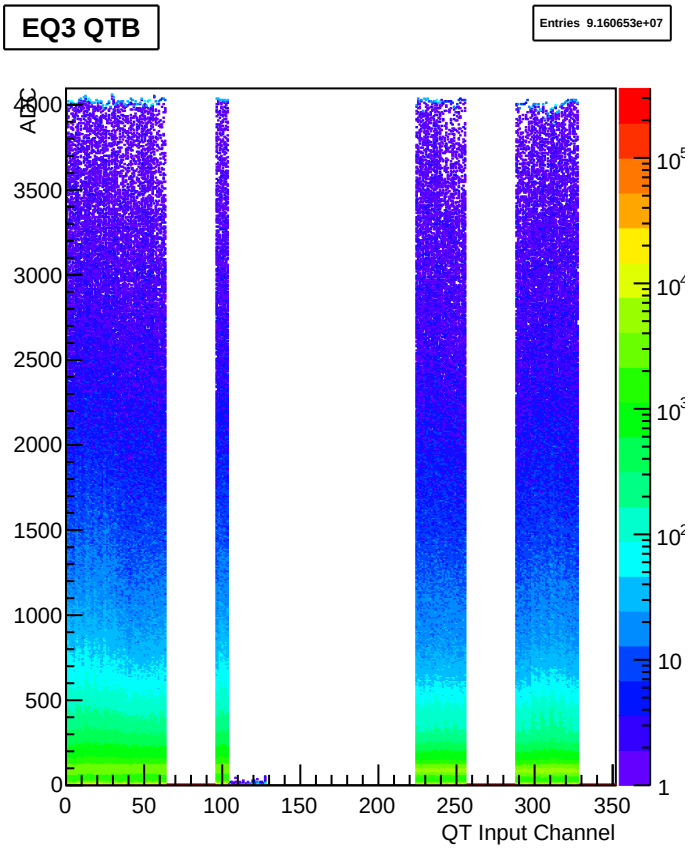

EQ1 QTC
Entries 3.435245e+07
TADC
QT Input Channel

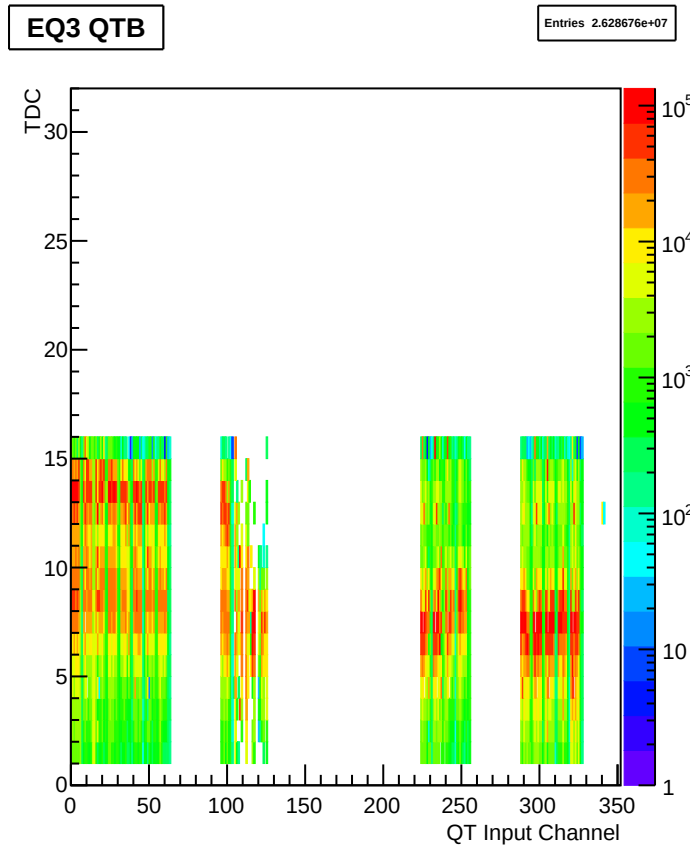

EQ2 QTB
Entries 1.030573e+08
ADC
QT Input Channel

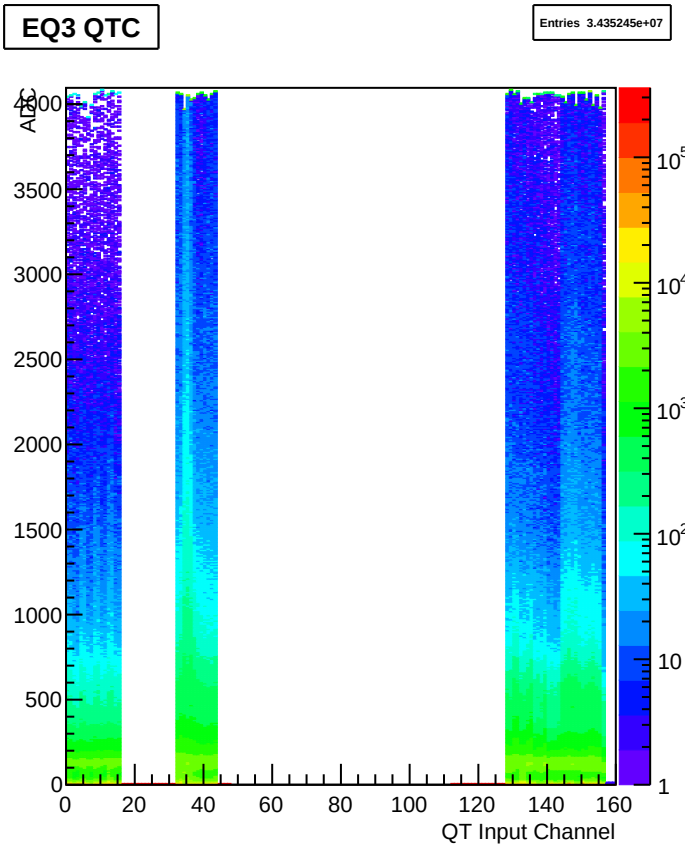

EQ2 QTB
Entries 2.626697e+07
TDC
QT Input Channel

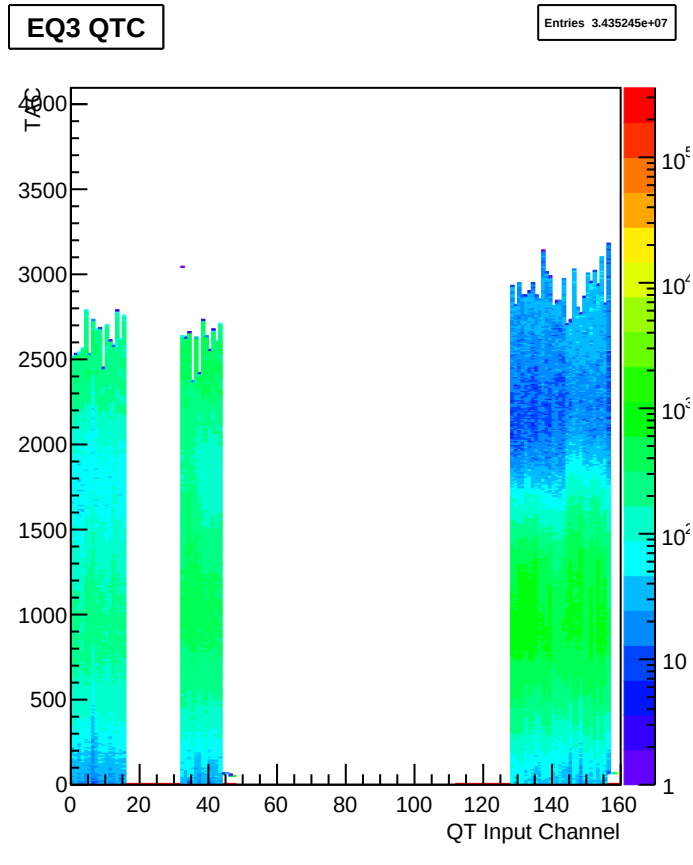

EQ2 QTC
Entries 3.435245e+07
ADC
QT Input Channel

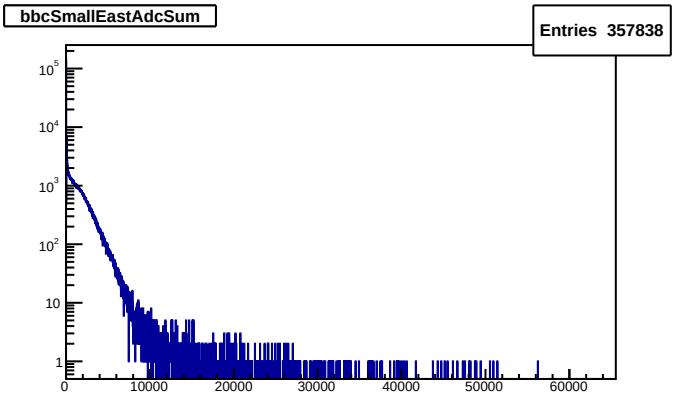

EQ2 QTC
Entries 3.435245e+07
TADC
QT Input Channel

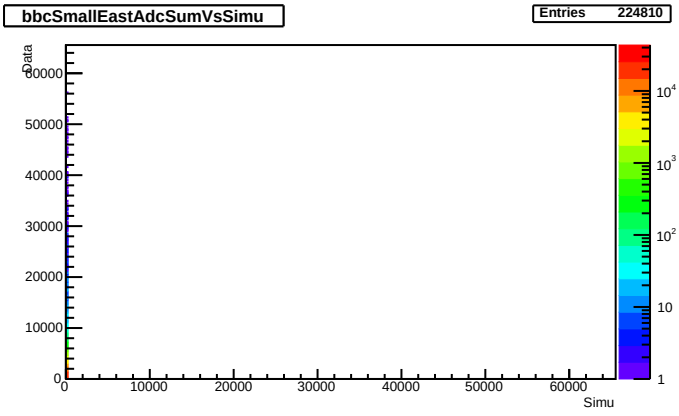

EQ3 QTB
Entries 9.160653e+07
ADC
QT Input Channel

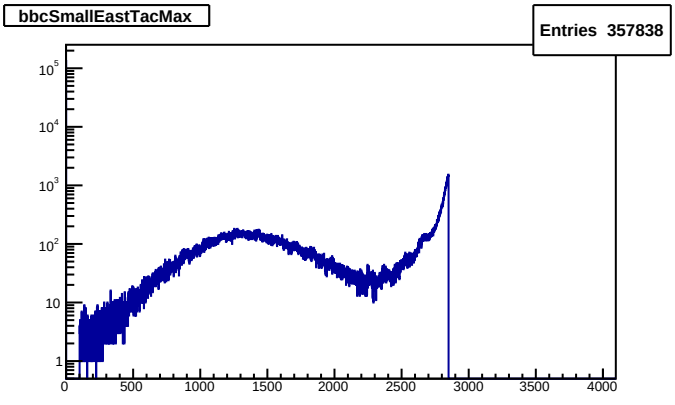

EQ3 QTB
Entries 2.628676e+07
TDC
QT Input Channel

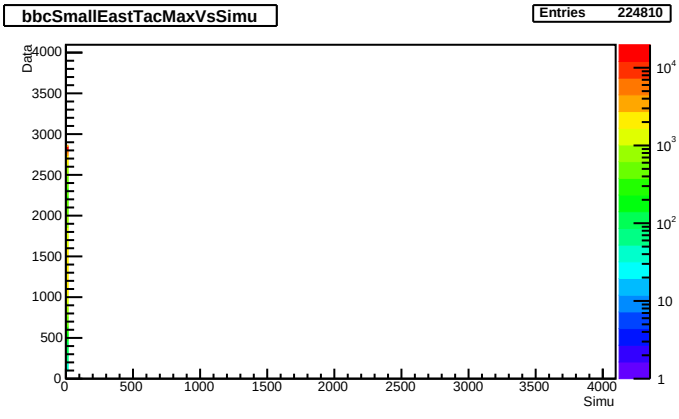

EQ3 QTC
Entries 3.435245e+07
ADC
QT Input Channel

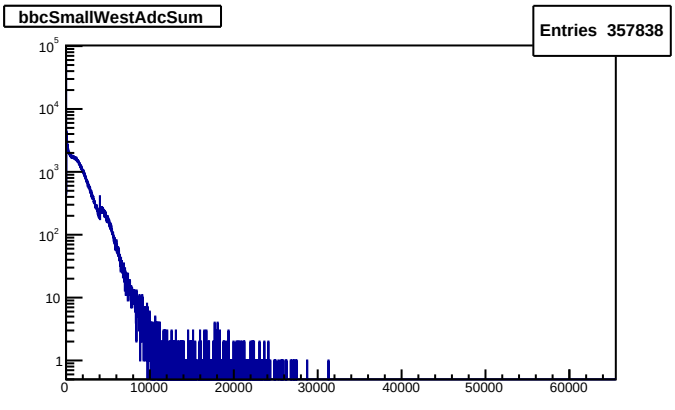

EQ3 QTC
Entries 3.435245e+07
TADC
QT Input Channel

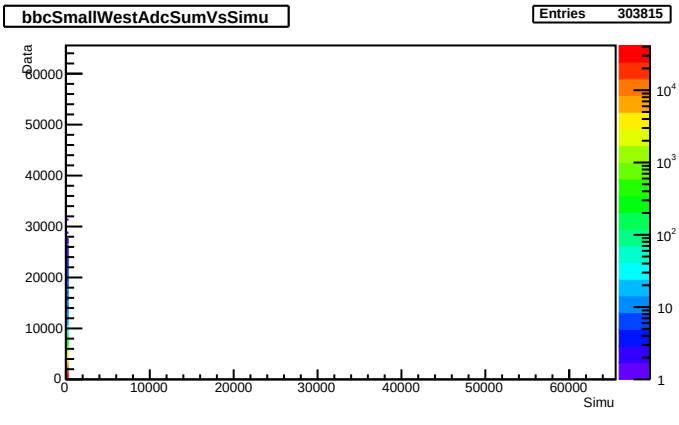

bbcSmallEastAdcSum
Entries 357838

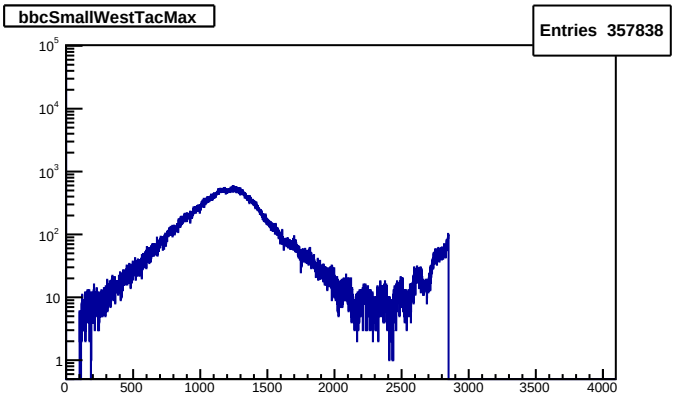

bbcSmallEastAdcSumVsSimu
Entries 224810
Data
Simu

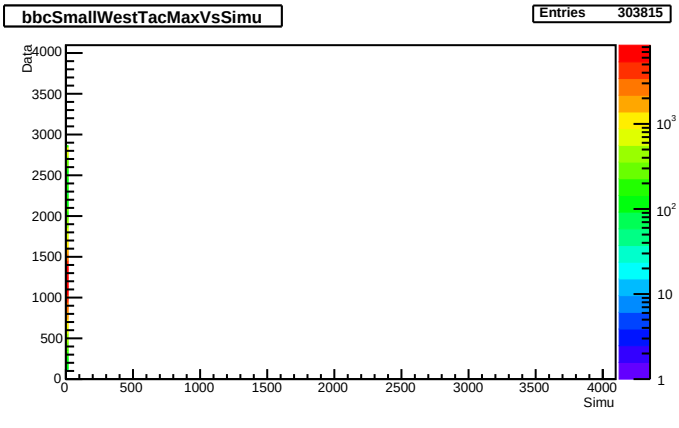

bbcSmallEastTacMax
Entries 357838

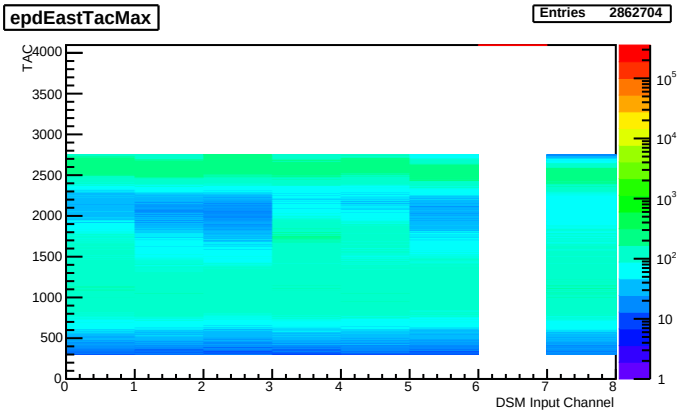

bbcSmallEastTacMaxVsSimu
Entries 224810
Data
Simu

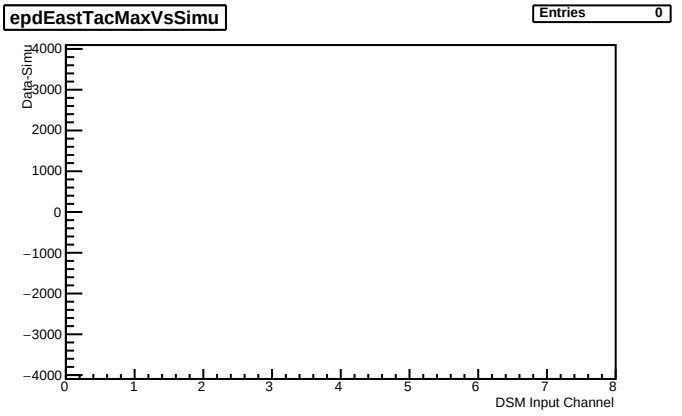

bbcSmallWestAdcSum
Entries 357838

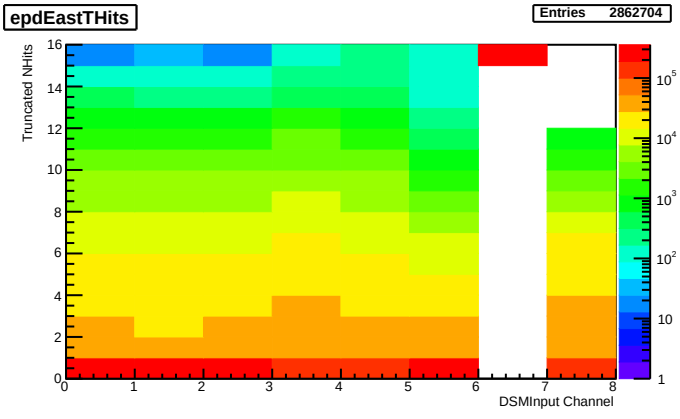

bbcSmallWestAdcSumVsSimu
Entries 303815
Data
Simu

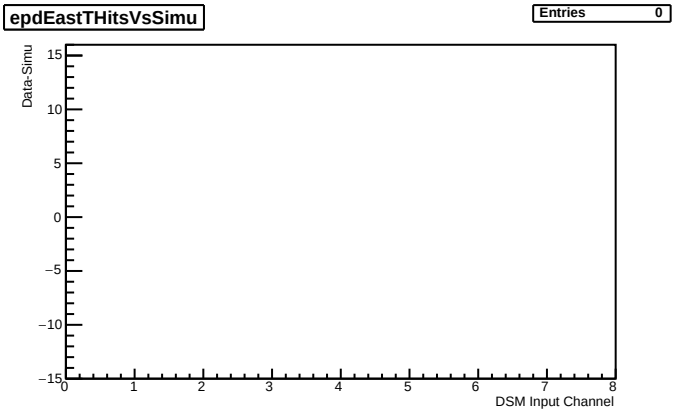

bbcSmallWestTacMax
Entries 357838

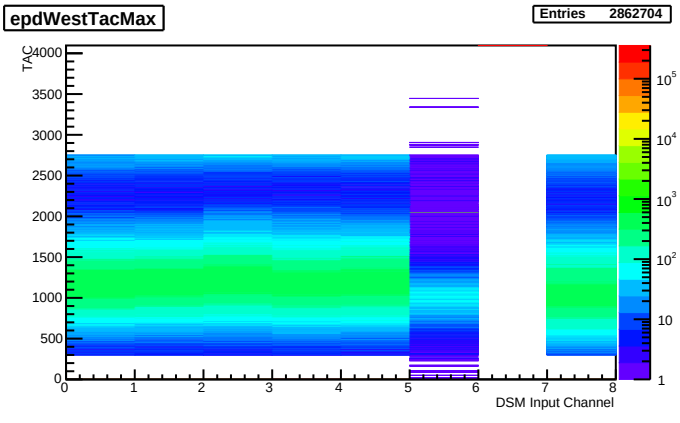

bbcSmallWestTacMaxVsSimu
Entries 303815
Data
Simu

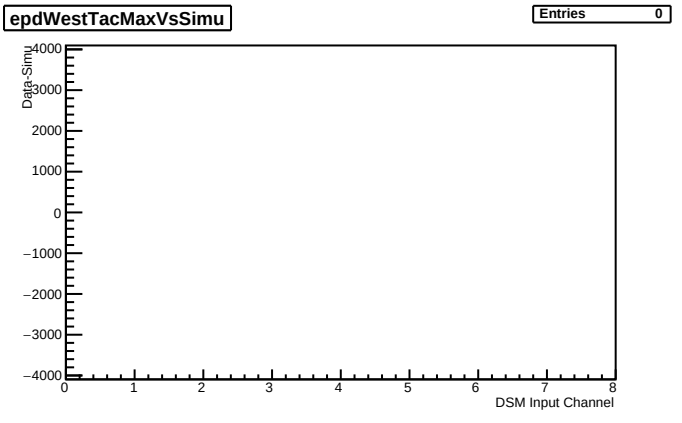

epdEastTacMax
Entries 2862704
TAC
DSM Input Channel

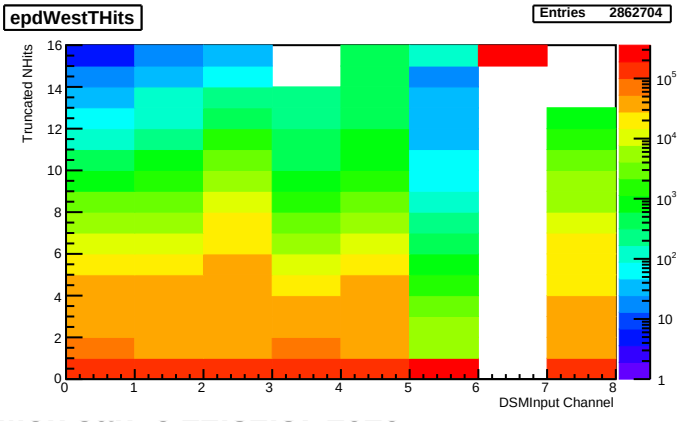

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

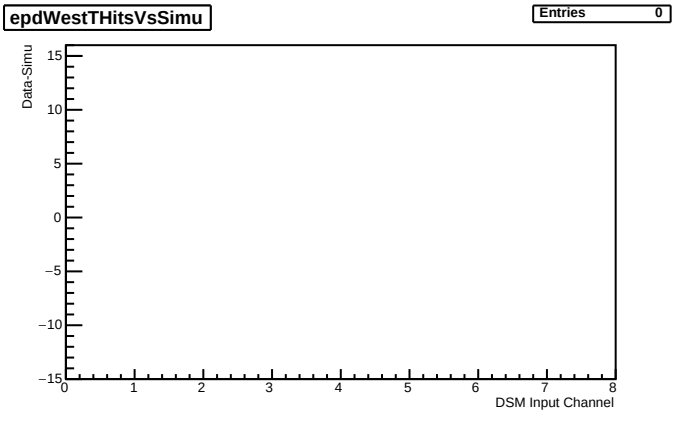

epdEastTHits
Entries 2862704
Truncated NHits
DSMInput Channel

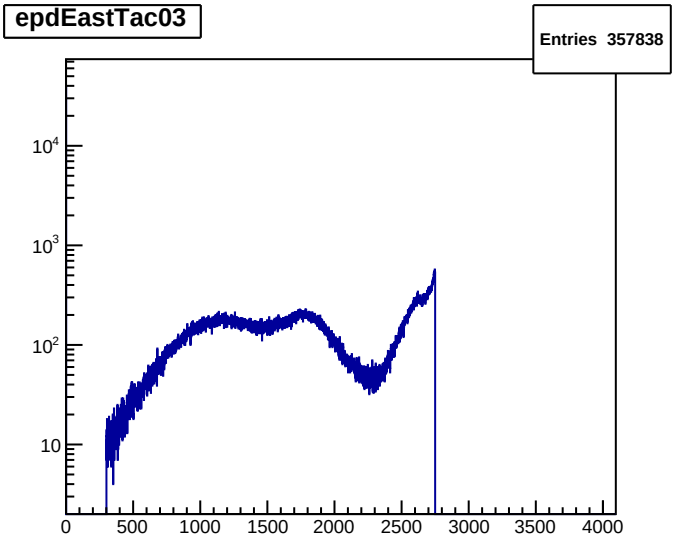

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

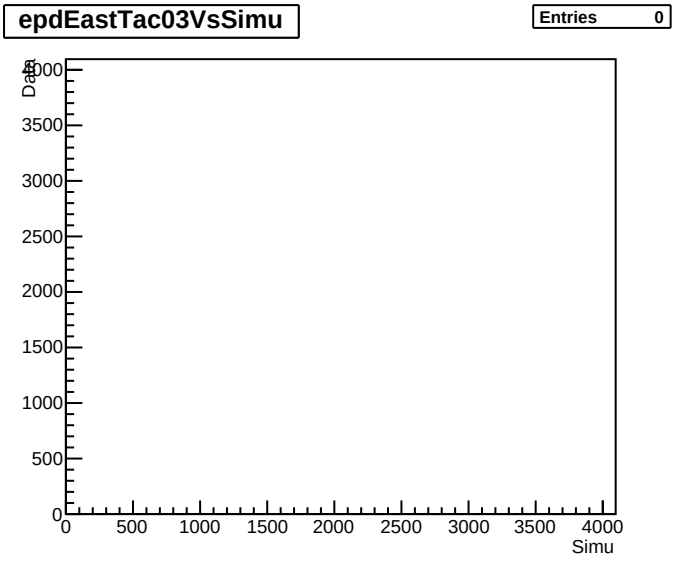

epdWestTacMax
Entries 2862704
TAC
DSM Input Channel

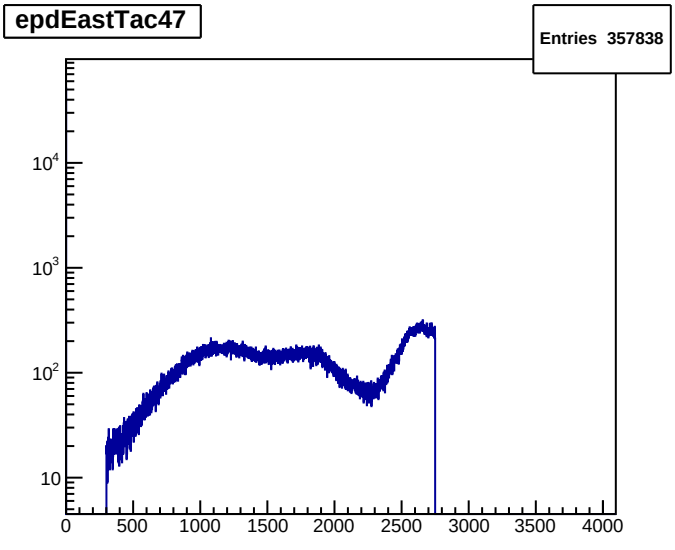

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

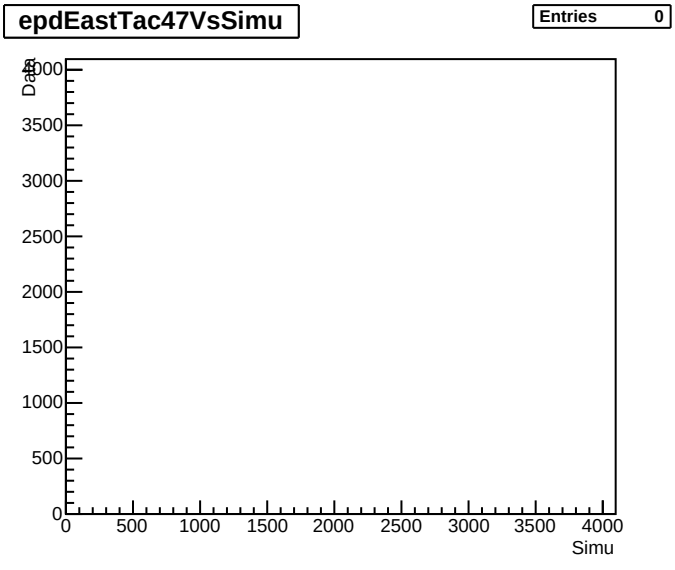

epdWestTHits
Entries 2862704
Truncated NHits
DSMInput Channel

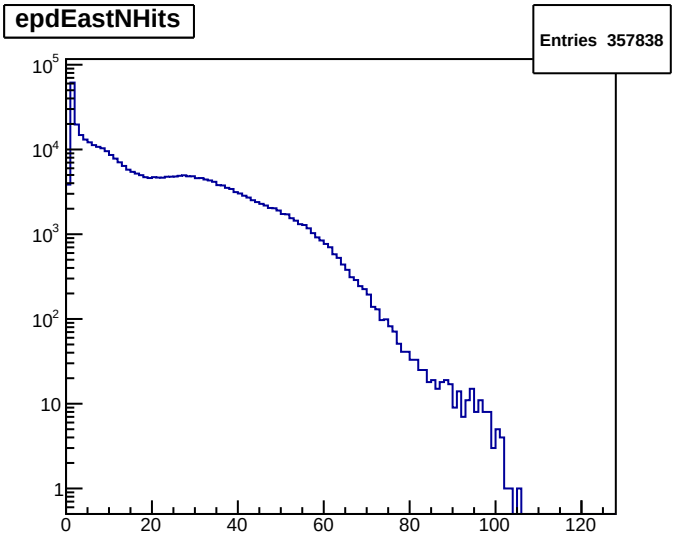

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

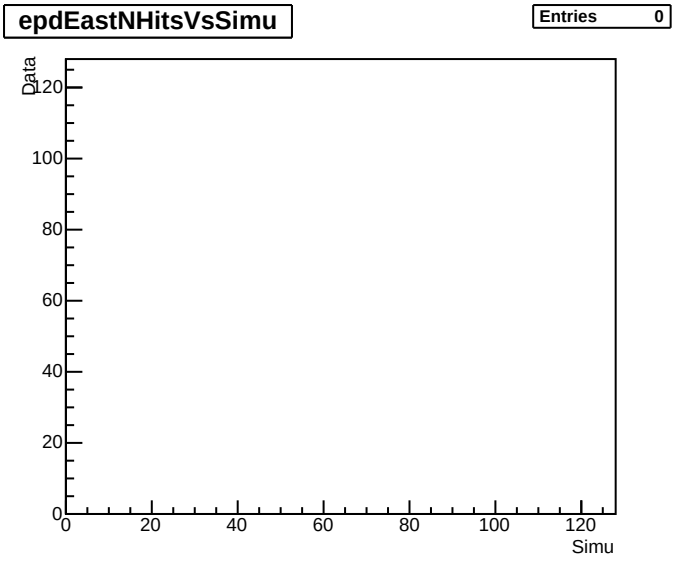

epdEastTac03
Entries 357838

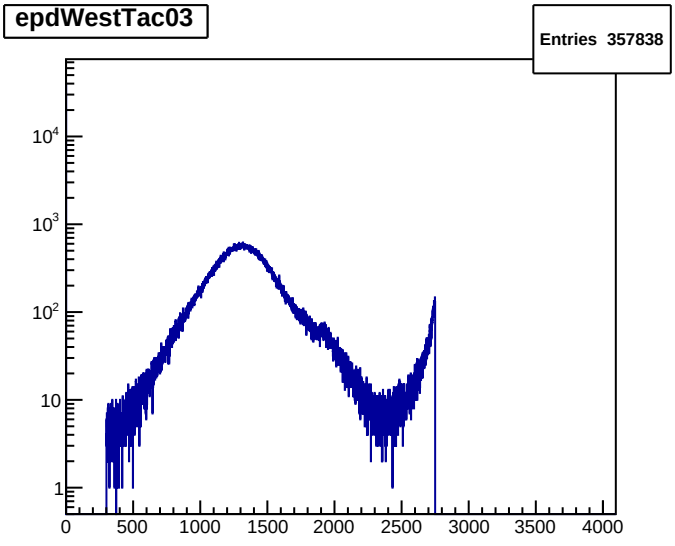

epdEastTac03VsSimu
Entries 0
Data
Simu

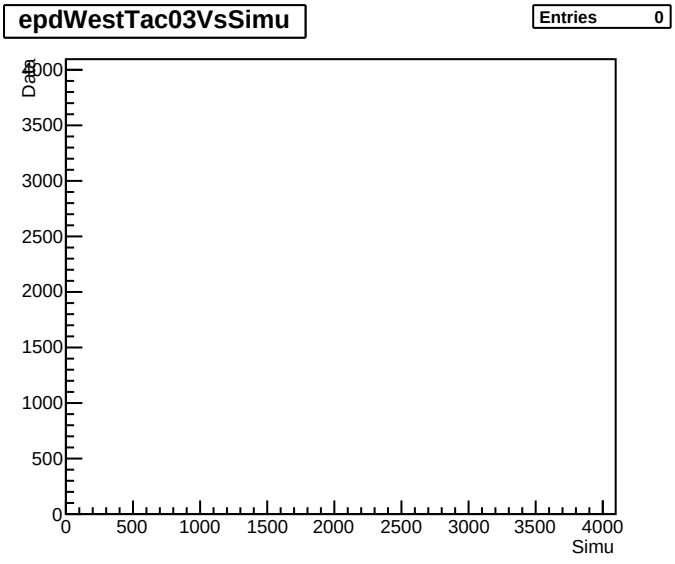

epdEastTac47
Entries 357838

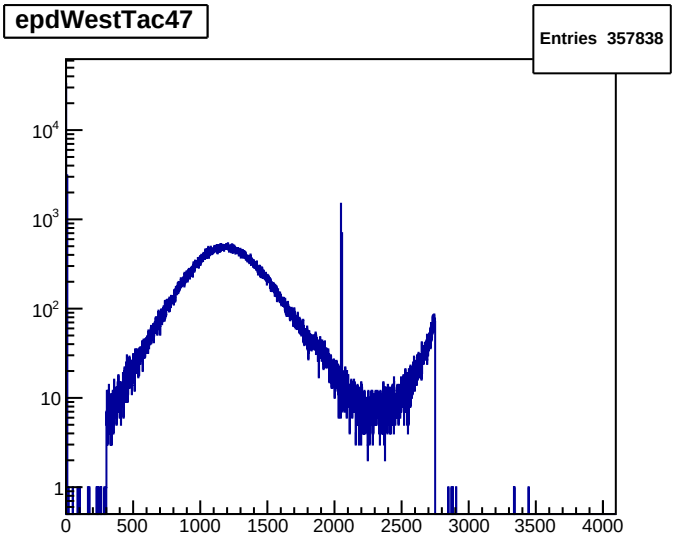

epdEastTac47VsSimu
Entries 0
Data
Simu

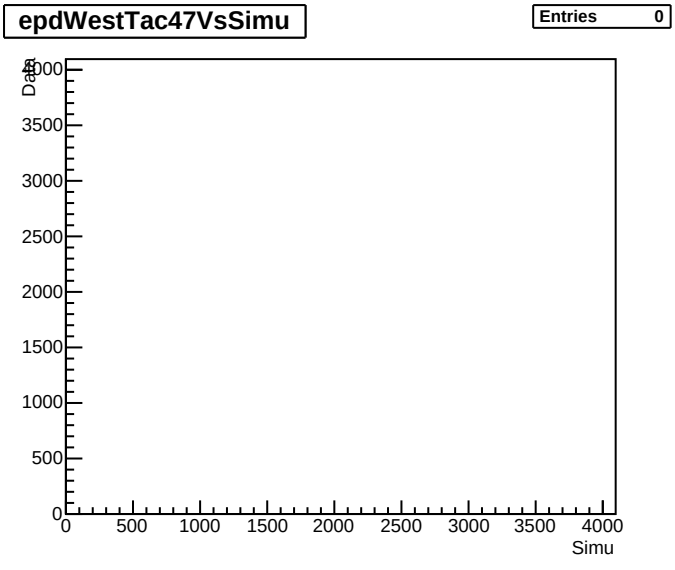

epdEastNHits
Entries 357838

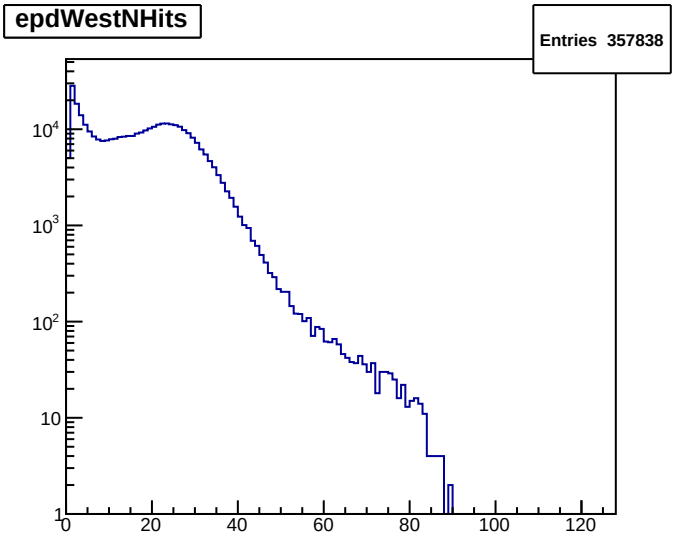

epdEastNHitsVsSimu
Entries 0
Data
Simu

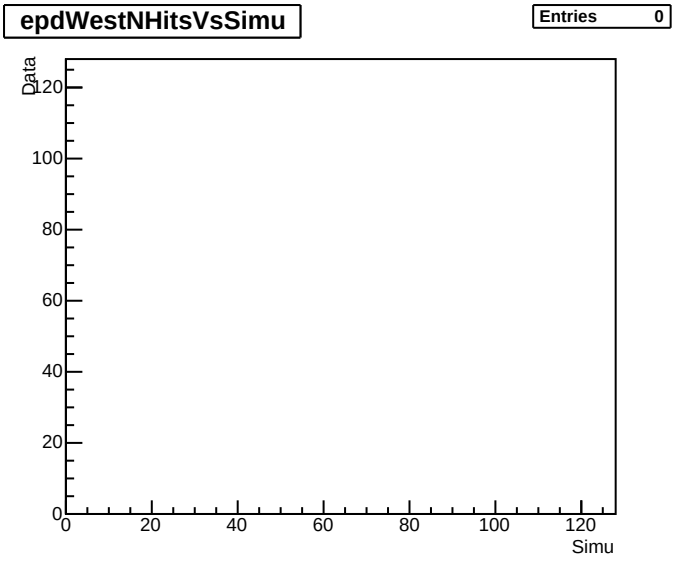

epdWestTac03
Entries 357838

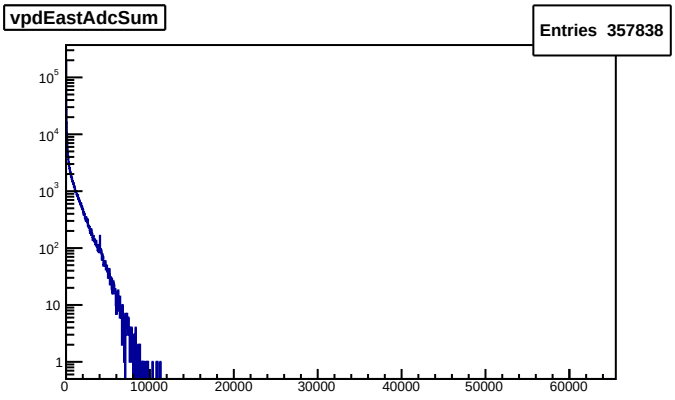

epdWestTac03VsSimu
Entries 0
Data
Simu

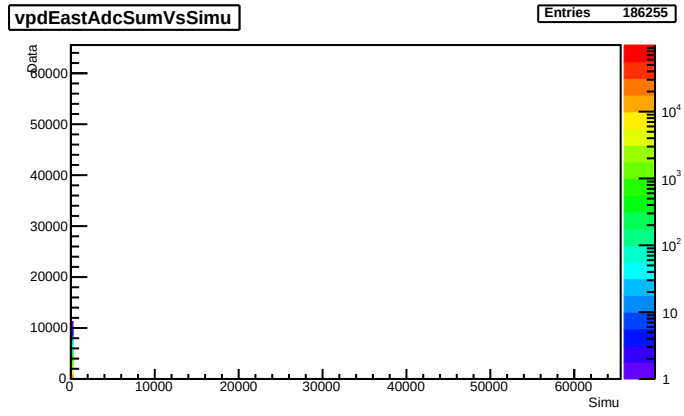

epdWestTac47
Entries 357838

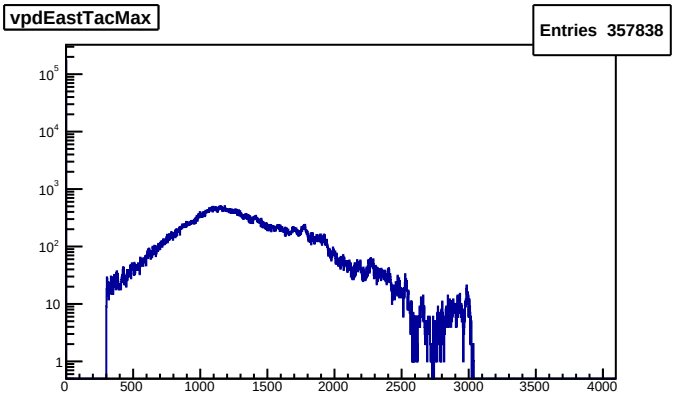

epdWestTac47VsSimu
Entries 0
Data
Simu

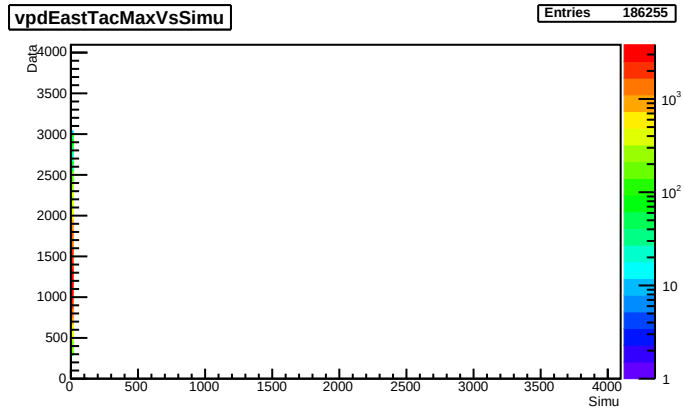

epdWestNHits
Entries 357838

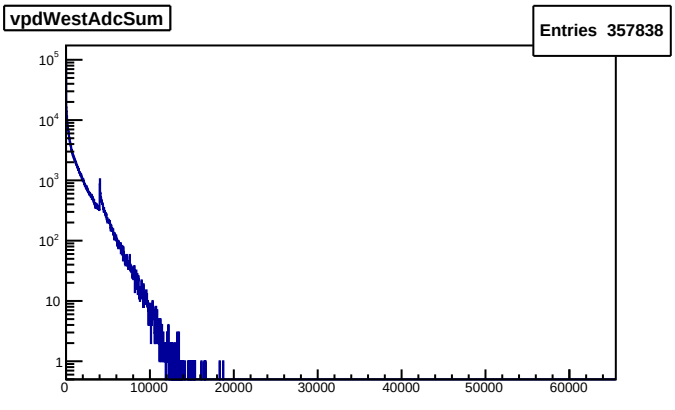

epdWestNHitsVsSimu
Entries 0
Data
Simu

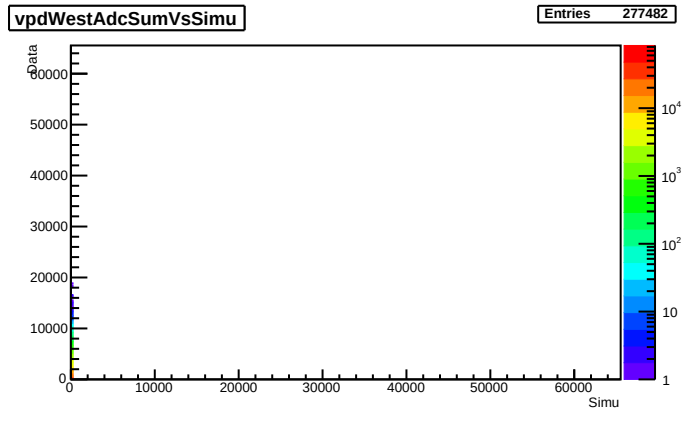

vpdEastAdcSum
Entries 357838

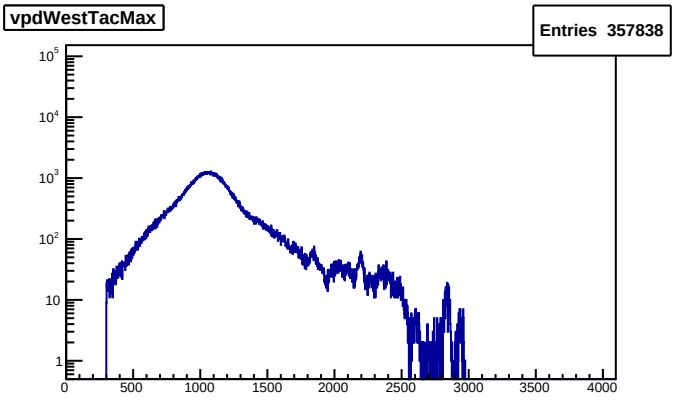

vpdEastAdcSumVsSimu
Entries 186255
Data
Simu

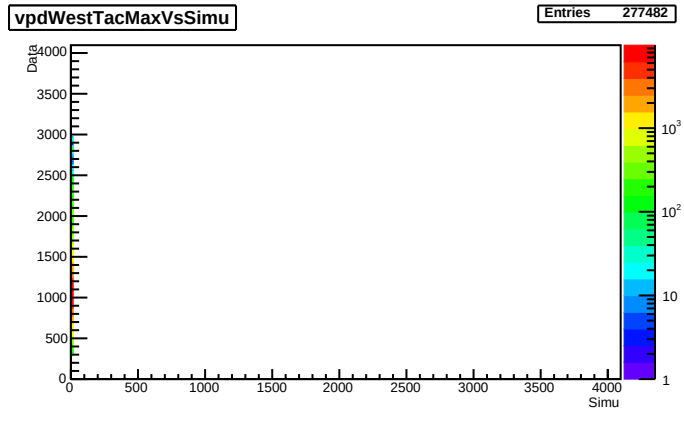

vpdEastTacMax
Entries 357838

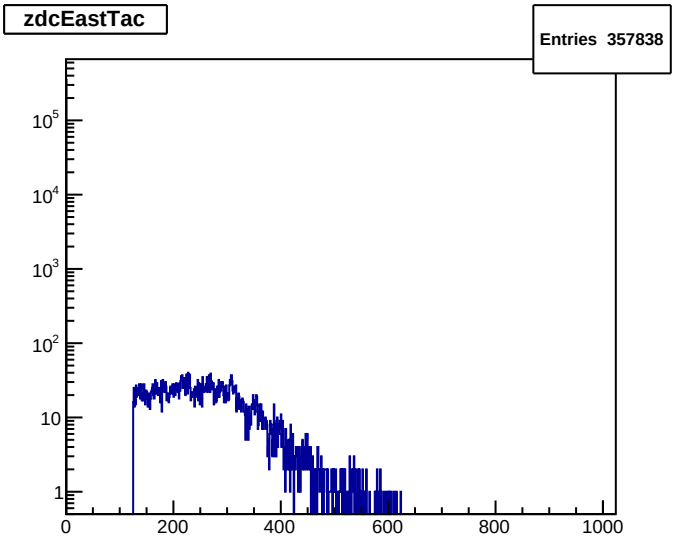

vpdEastTacMaxVsSimu
Entries 186255
Data
Simu

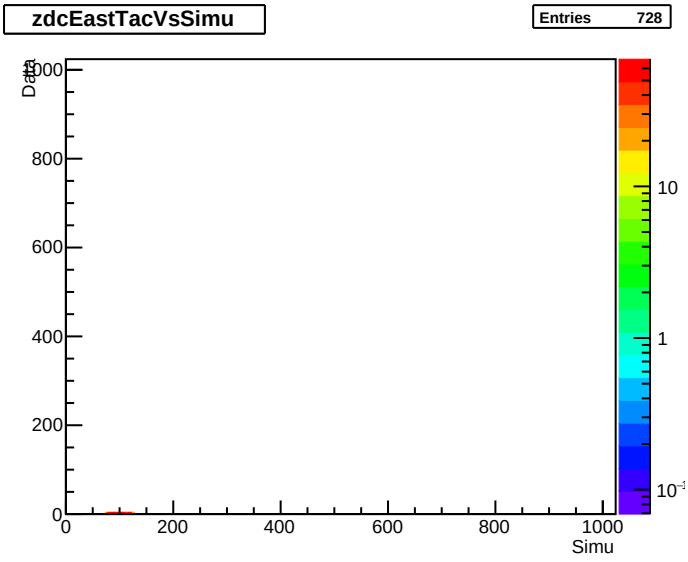

vpdWestAdcSum
Entries 357838

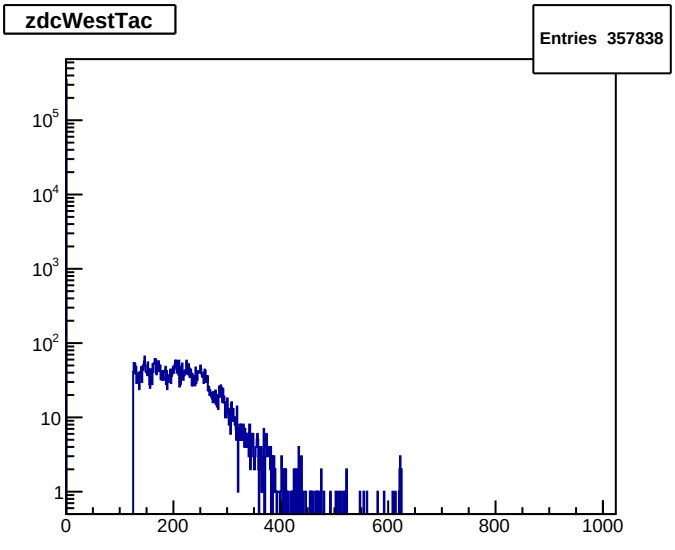

vpdWestAdcSumVsSimu
Entries 277482
Data
Simu

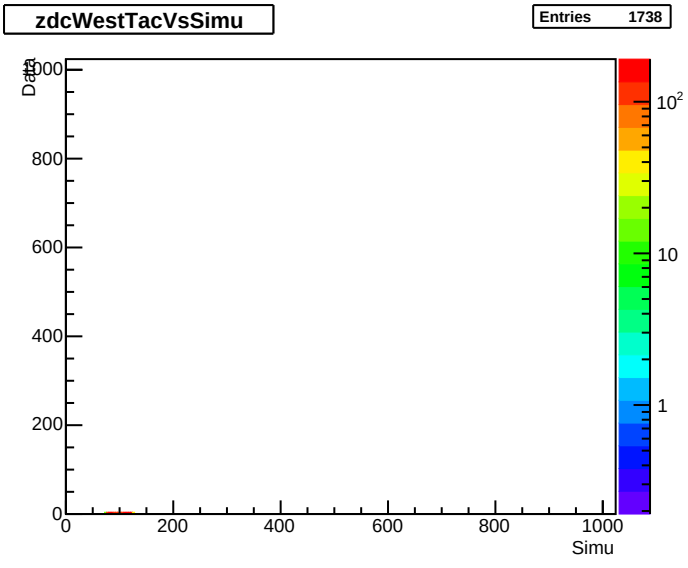

vpdWestTacMax
Entries 357838

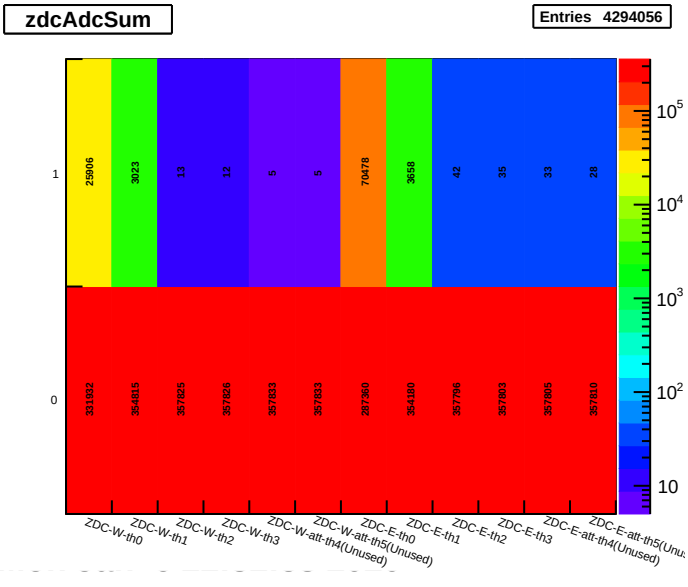

vpdWestTacMaxVsSimu
Entries 277482
Data
Simu

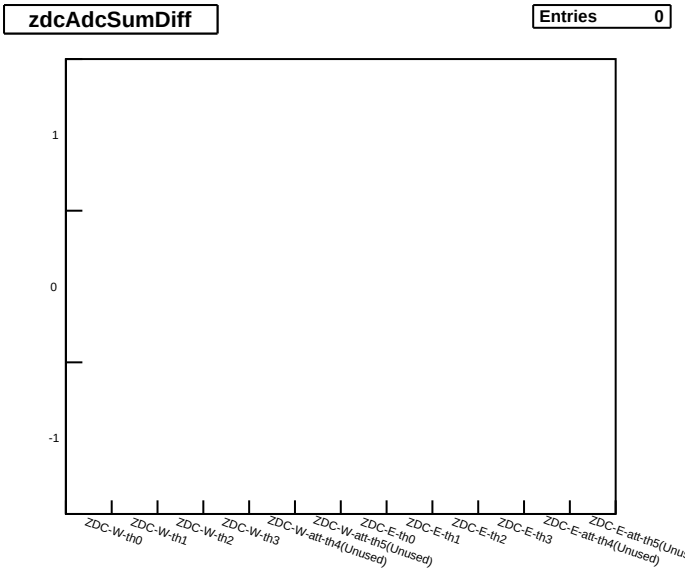

zdcEastTac
Entries 357838

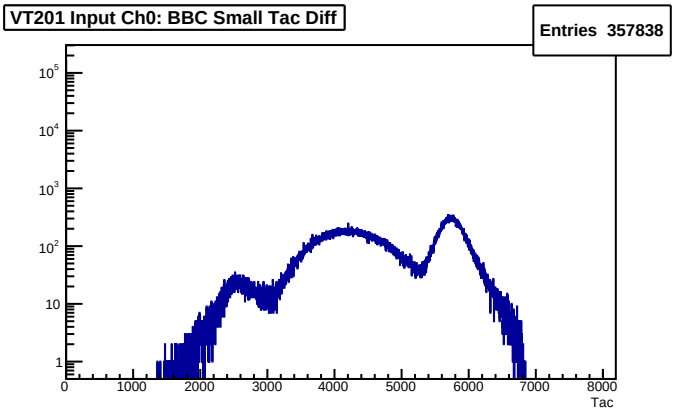

zdcEastTacVsSimu
Entries 728
Data
Simu

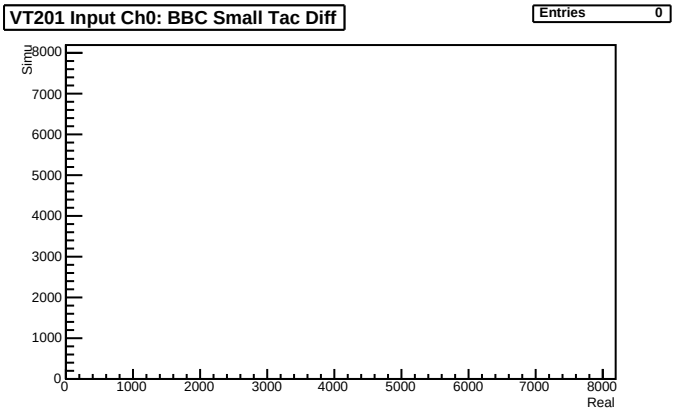

zdcWestTac
Entries 357838

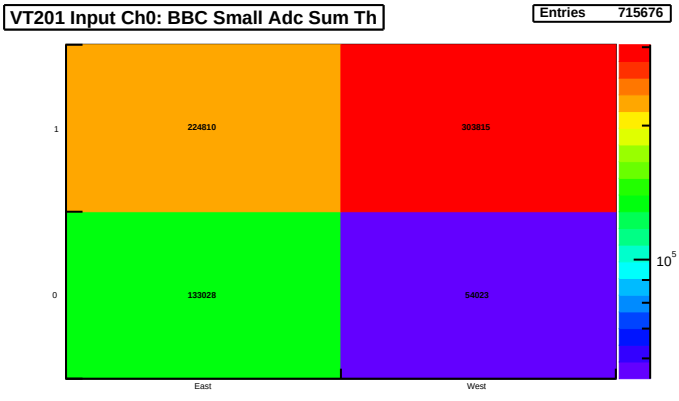

zdcWestTacVsSimu
Entries 1738
Data
Simu

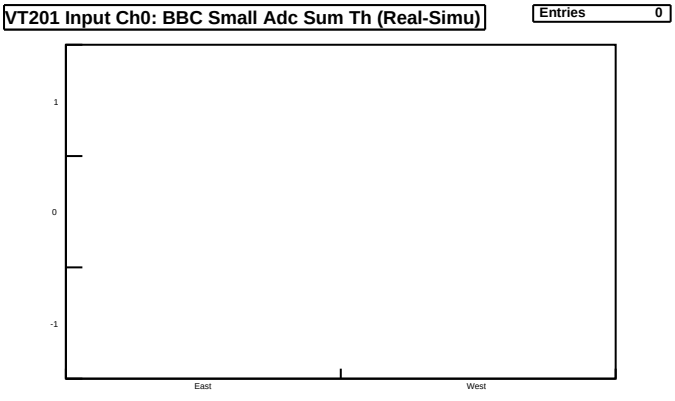

zdcAdcSum
Entries 4294056
25906
3023
13
12
5
5
70478
3658
42
35
33
28
331932
354815
357825
357826
357833
357833
287360
354180
357796
357803
357805
357810
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

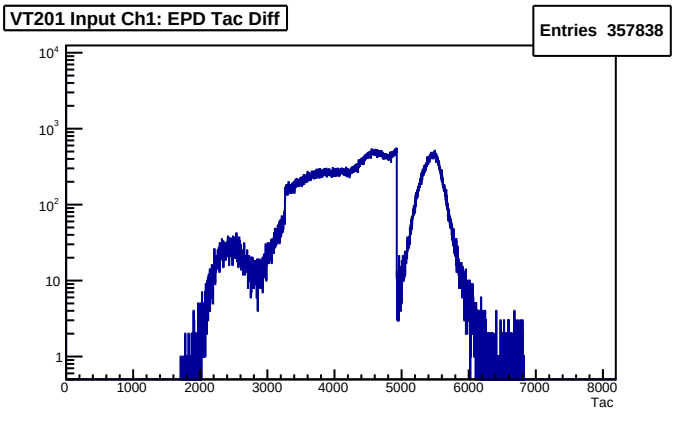

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

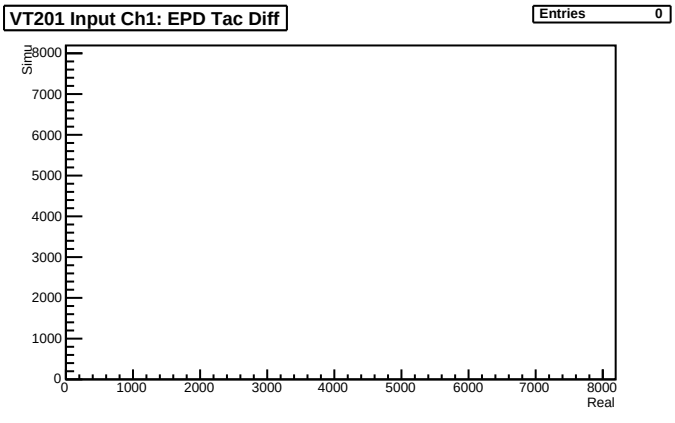

VT201 Input Ch0: BBC Small Tac Diff
Entries 357838
Tac

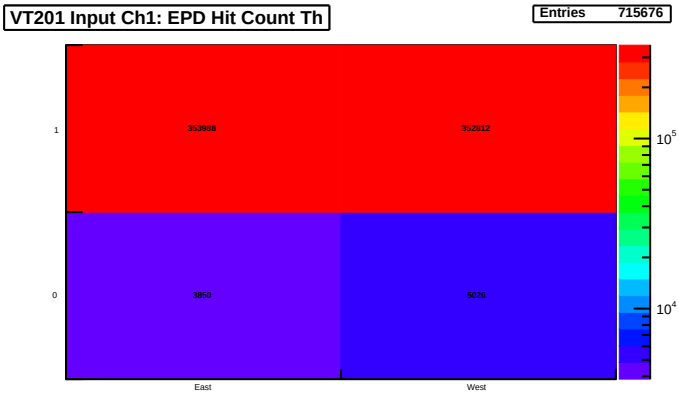

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

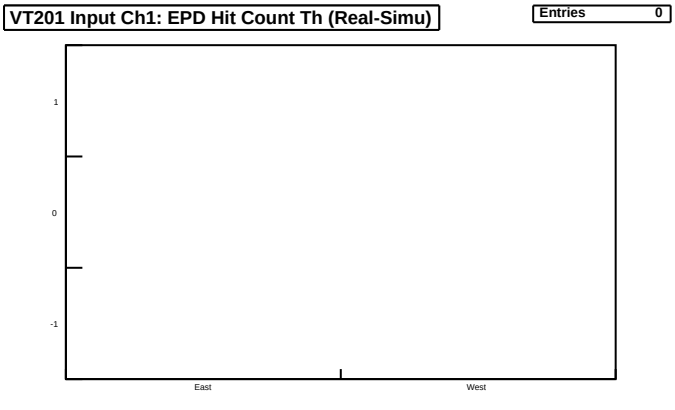

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 715676
224810
303815
133028
54023
East
West

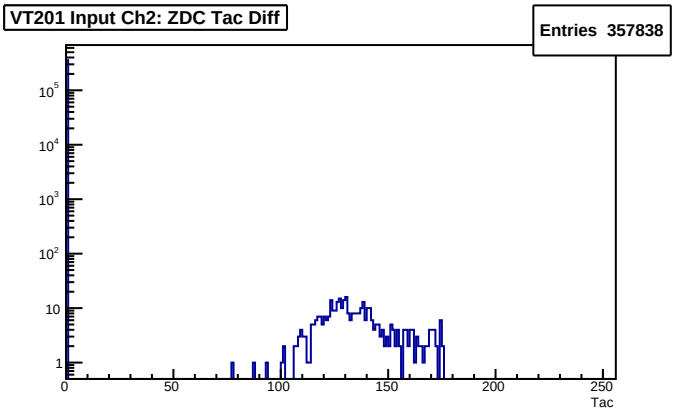

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

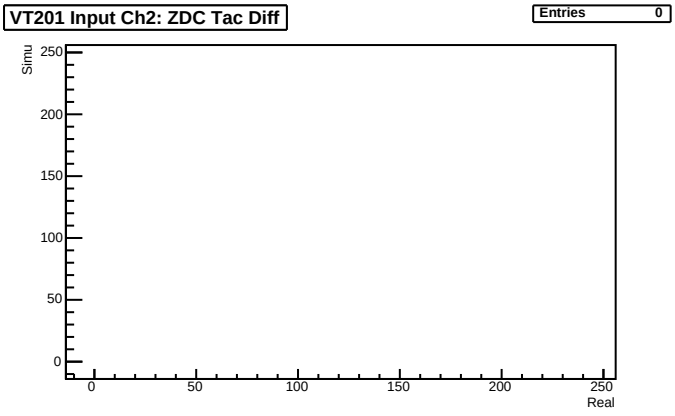

VT201 Input Ch1: EPD Tac Diff
Entries 357838
Tac

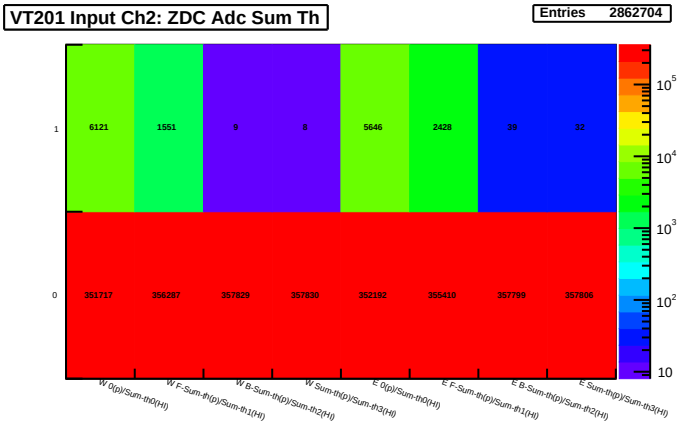

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

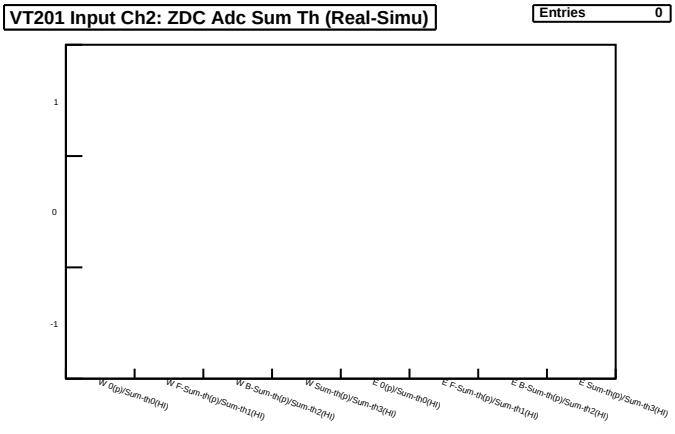

VT201 Input Ch1: EPD Hit Count Th
Entries 715676
353988
352812
3850
5026
East
West

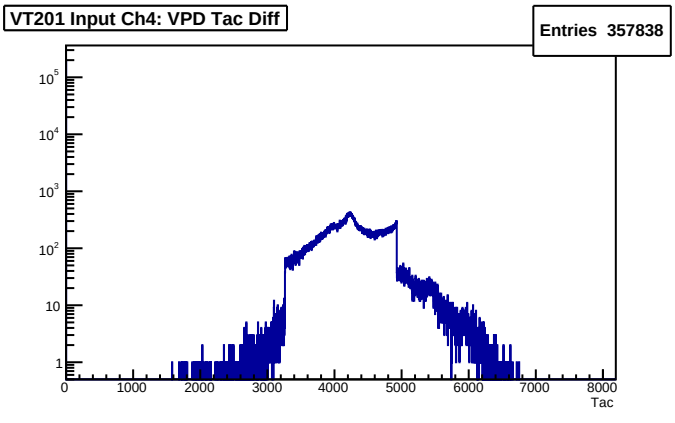

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

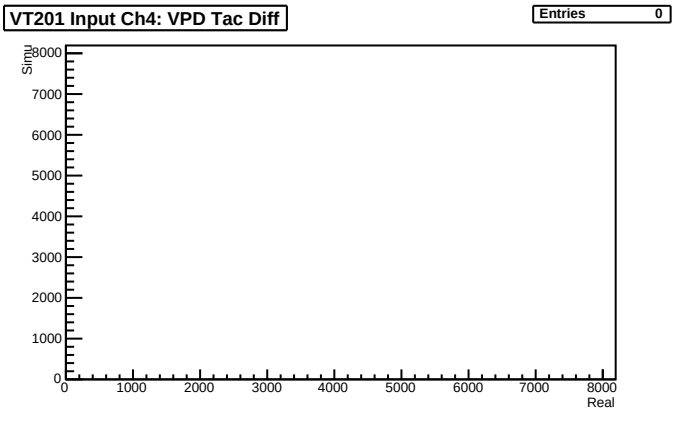

VT201 Input Ch2: ZDC Tac Diff
Entries 357838
Tac

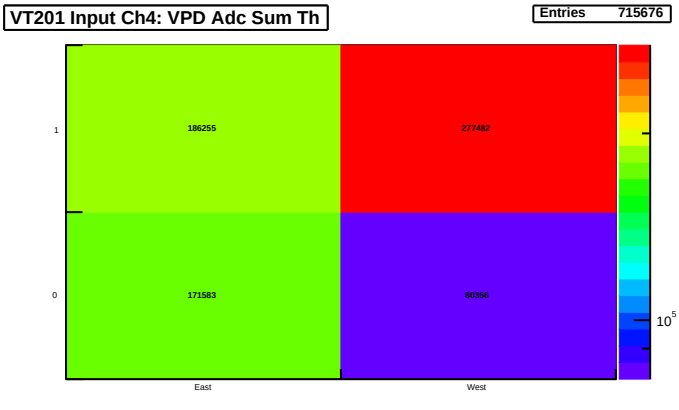

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

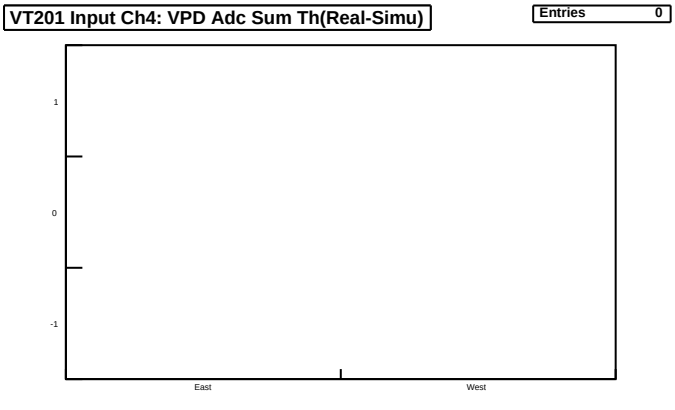

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2862704
6121
1551
9
8
5646
2428
39
32
351717
356287
357829
357830
352192
355410
357799
357806
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

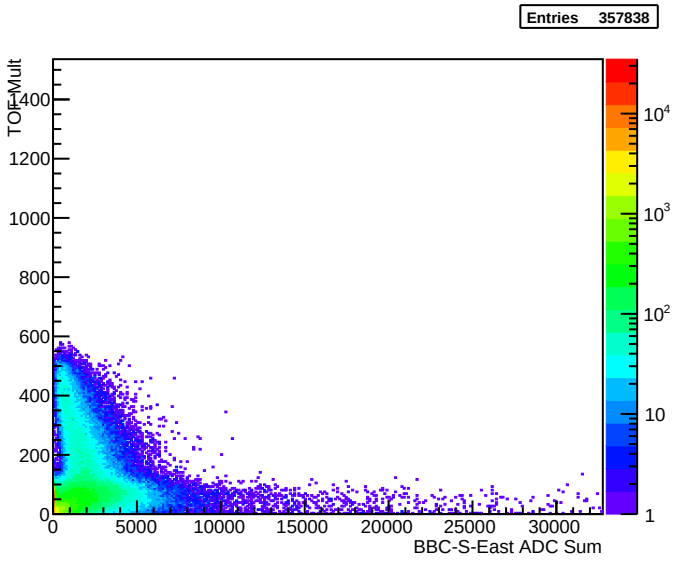

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

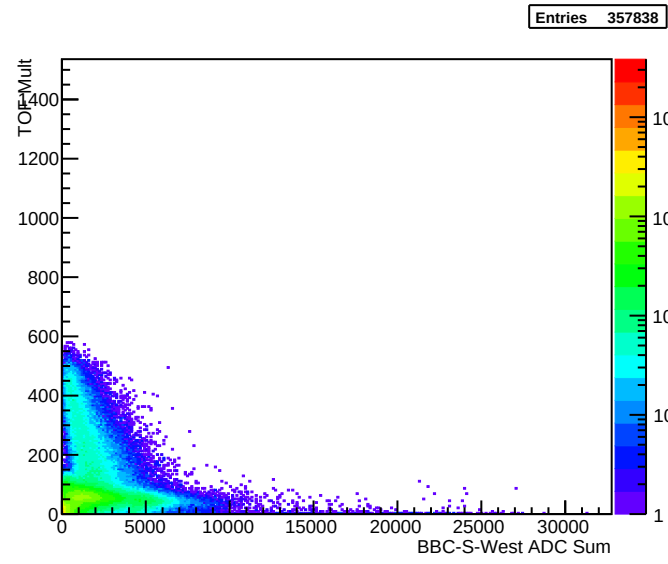

VT201 Input Ch4: VPD Tac Diff
Entries 357838
Tac

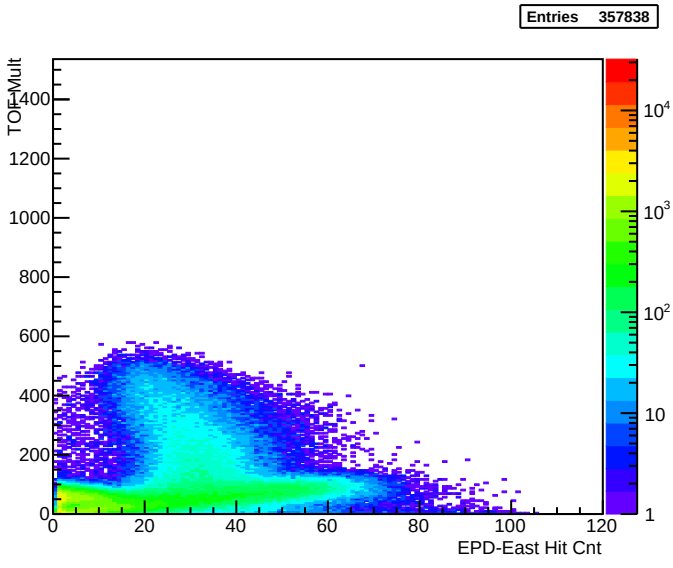

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

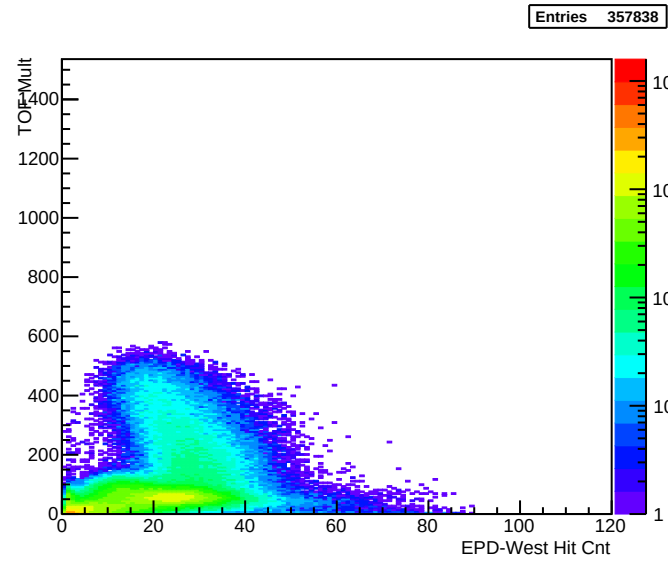

VT201 Input Ch4: VPD Adc Sum Th
Entries 715676
186255
277482
171583
80356
East
West

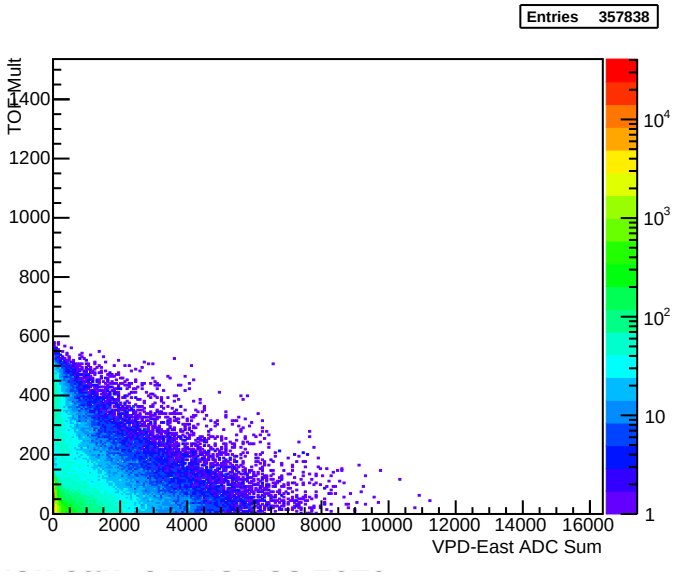

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

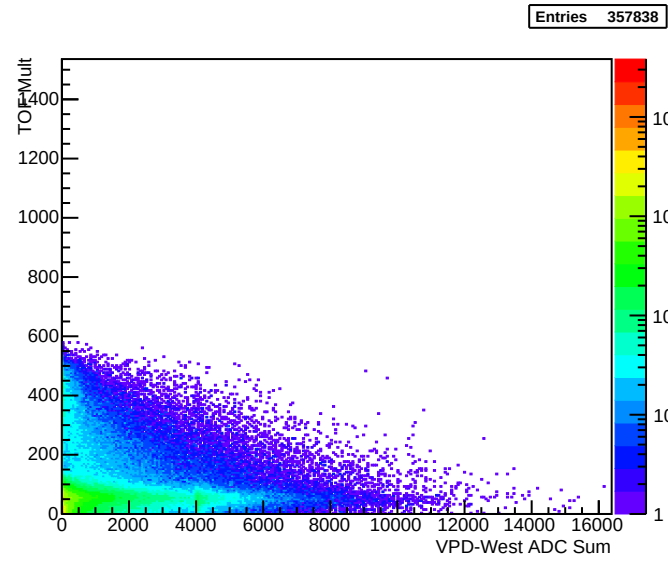

Entries 357838
TOF-Mult
BBC-S-East ADC Sum

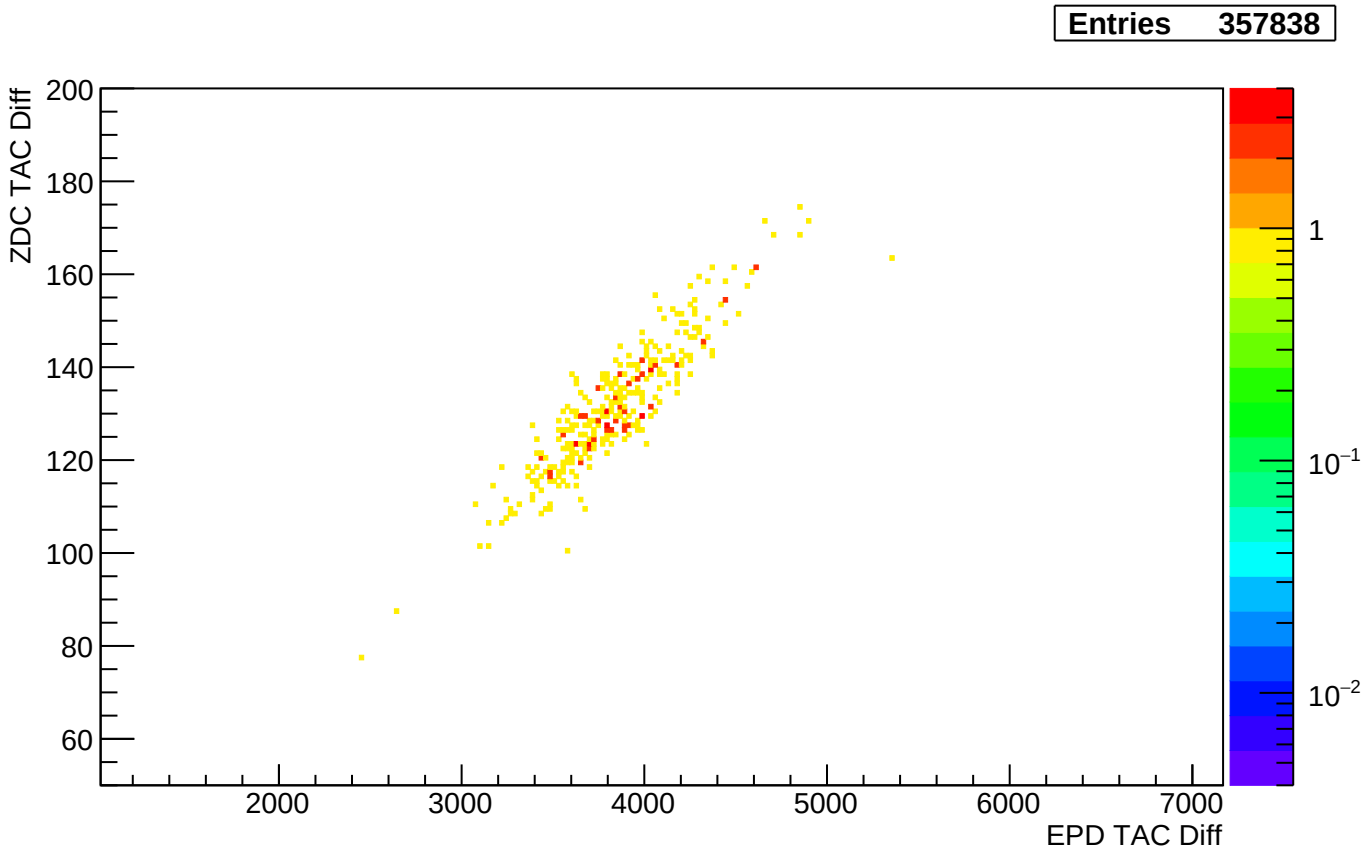

Entries 357838
TOF-Mult
BBC-S-West ADC Sum

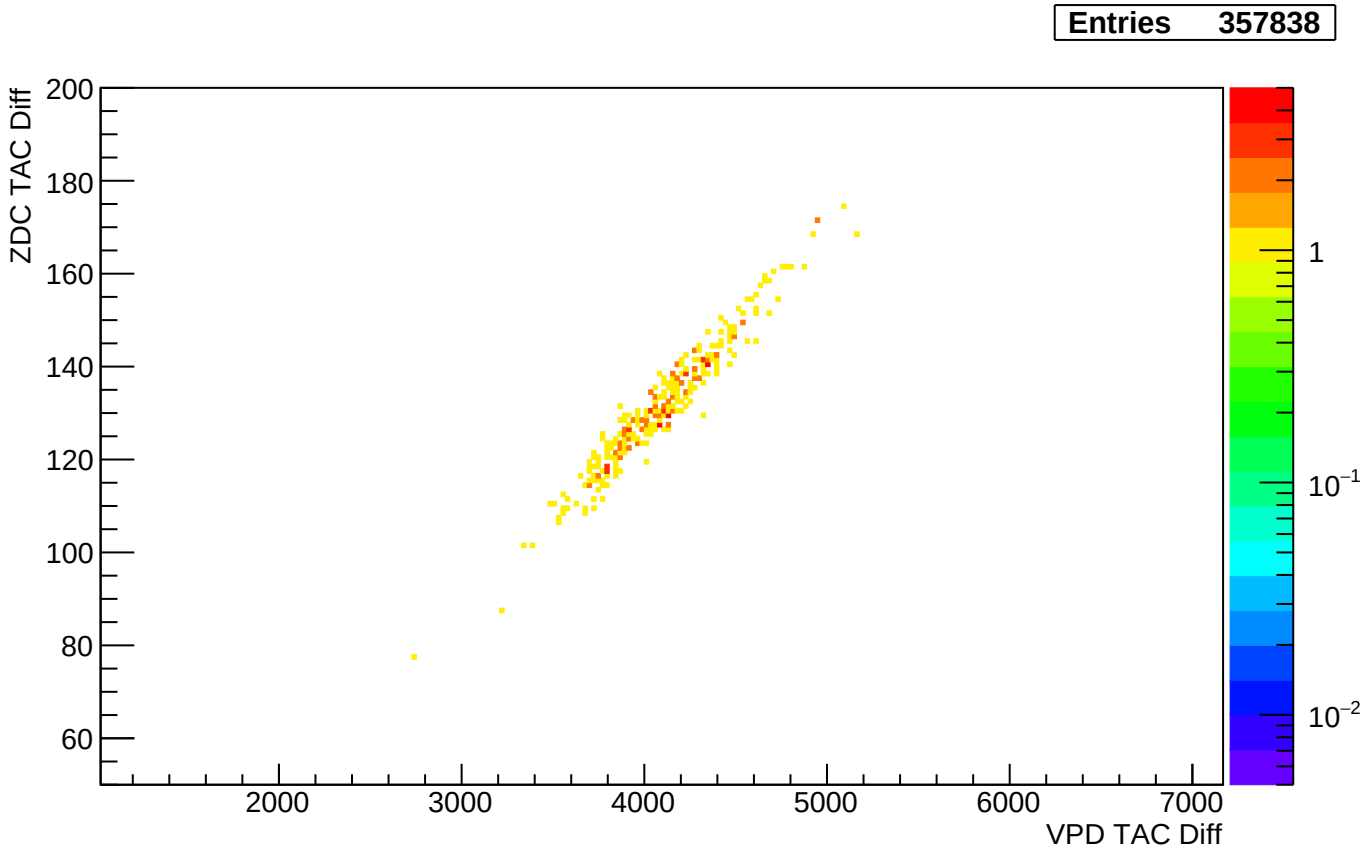

Entries 357838
TOF-Mult
EPD-East Hit Cnt

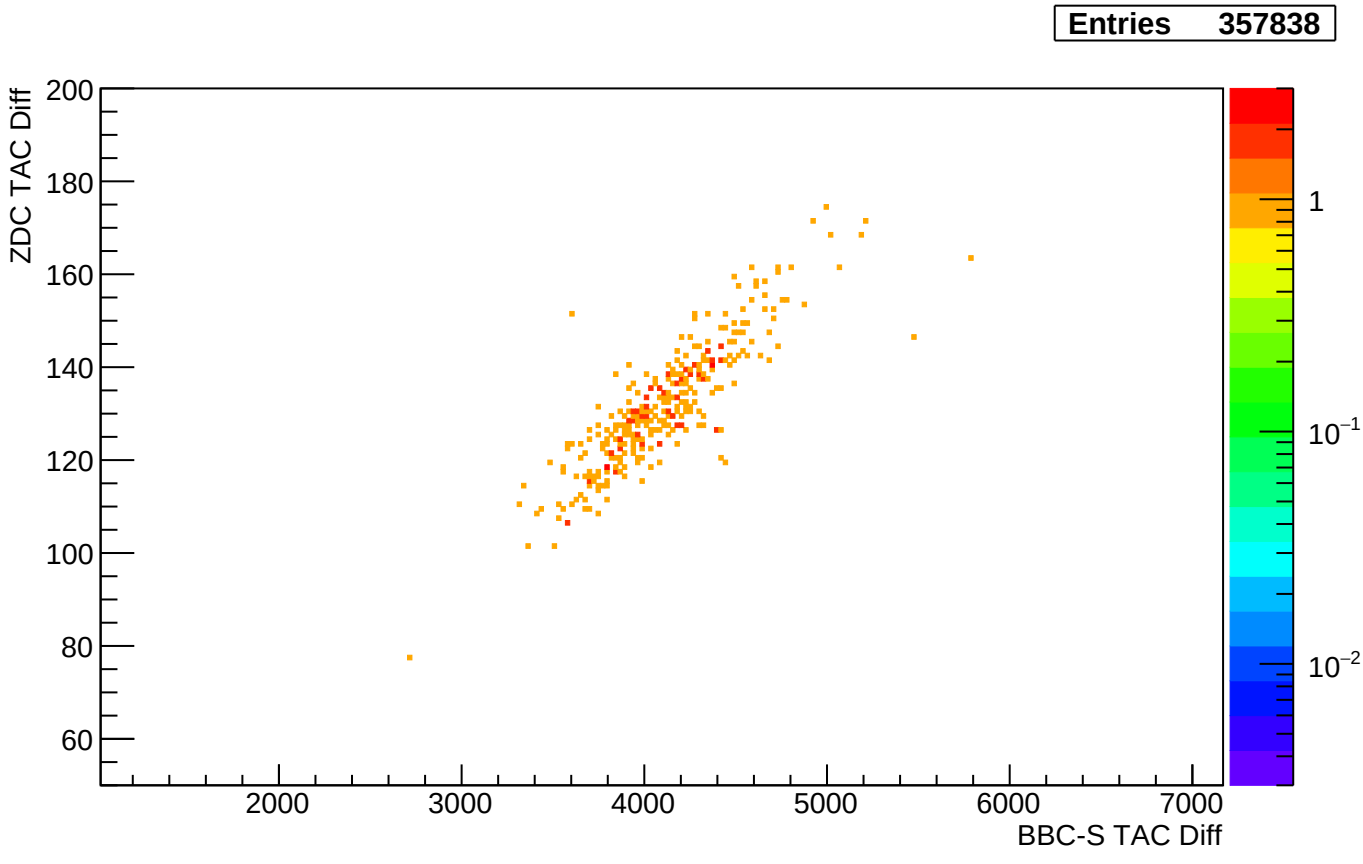

Entries 357838
TOF-Mult
EPD-West Hit Cnt

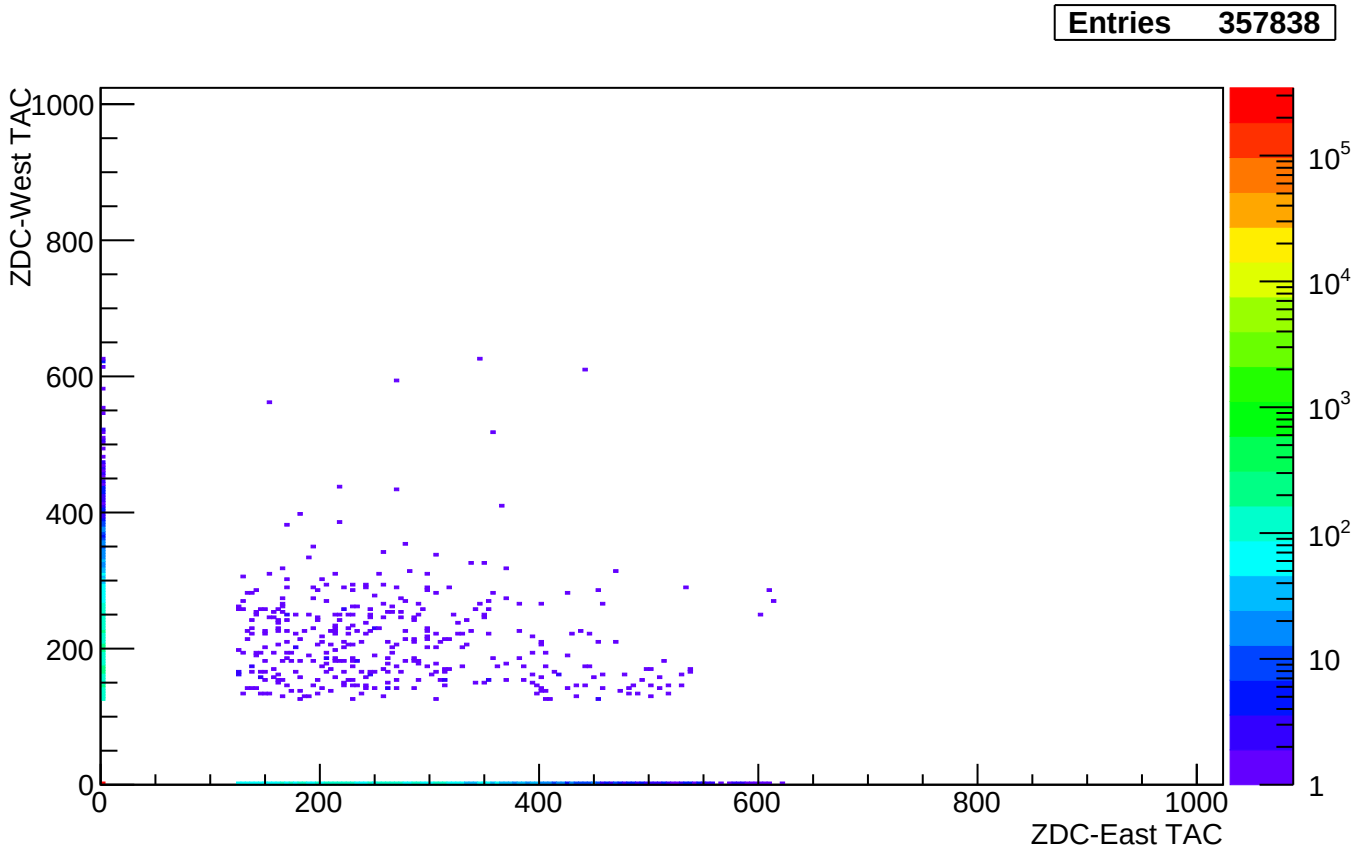

Entries 357838
TOF-Mult
VPD-East ADC Sum

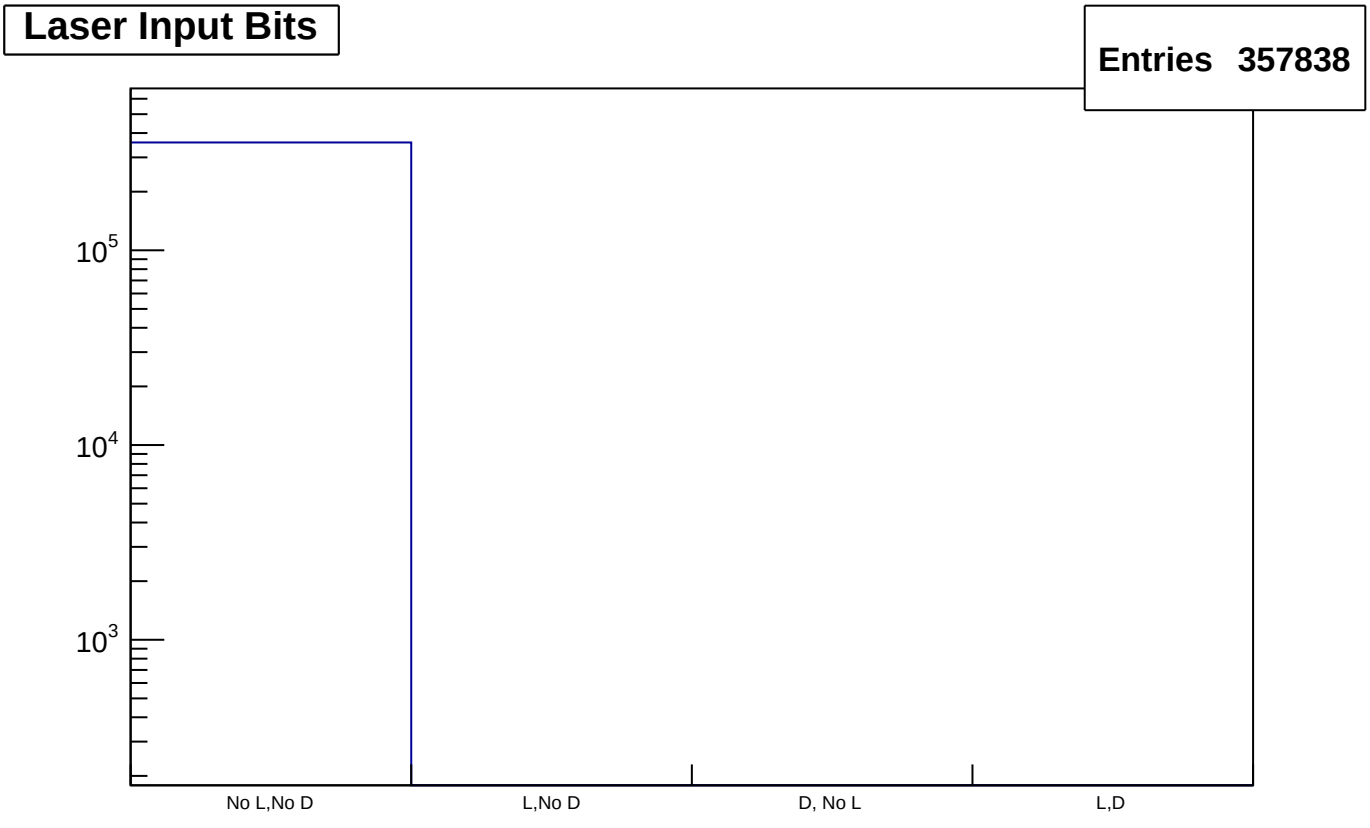

Entries 357838
TOF-Mult
VPD-West ADC Sum

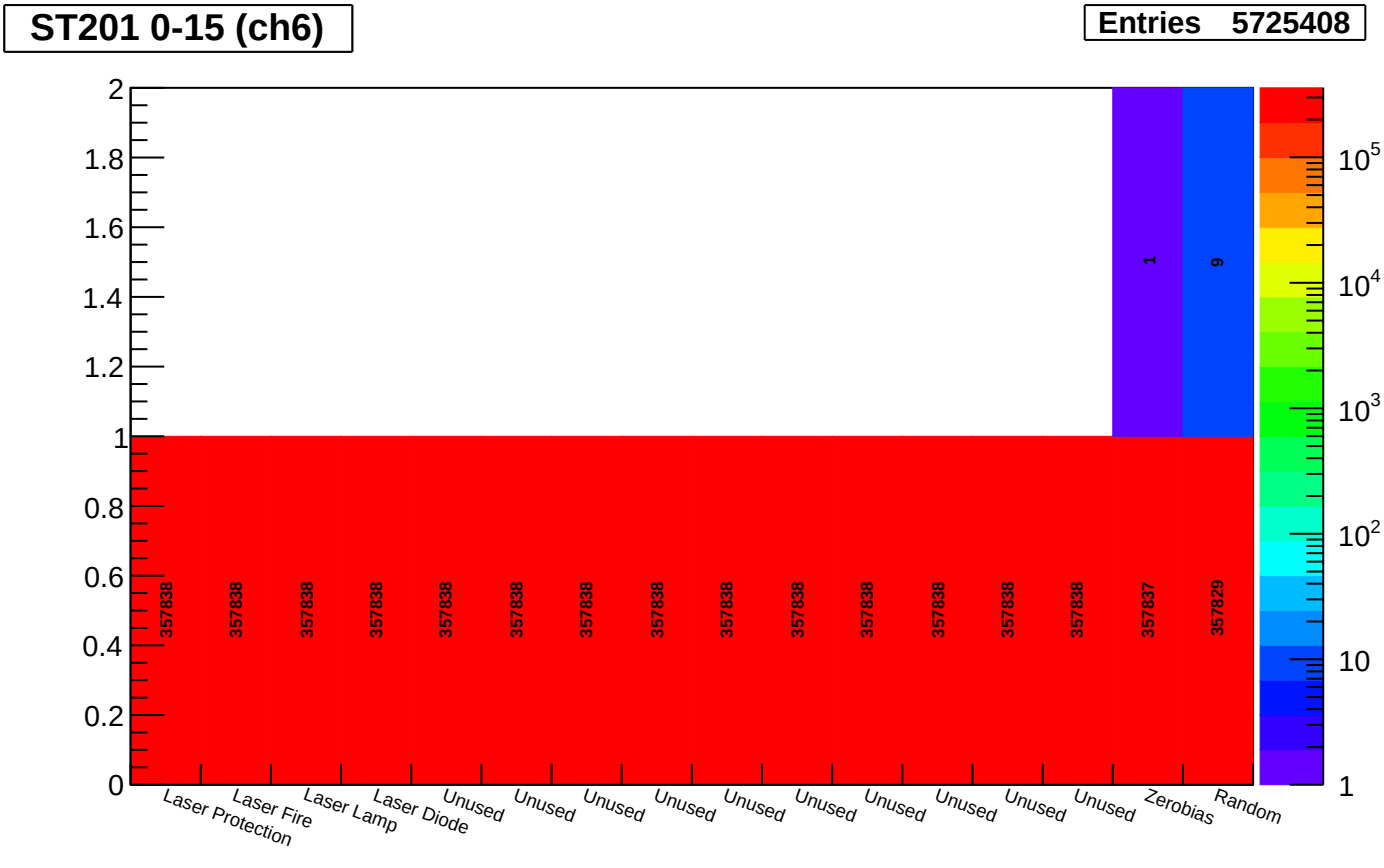

Entries 357838
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

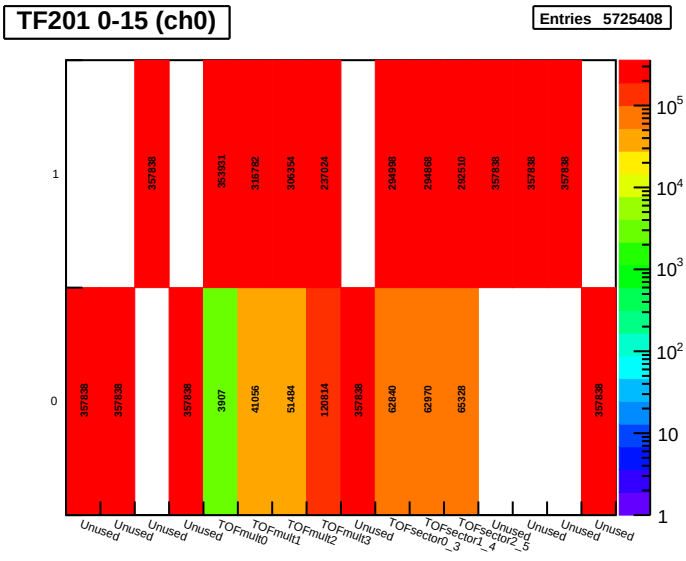

Entries 357838
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

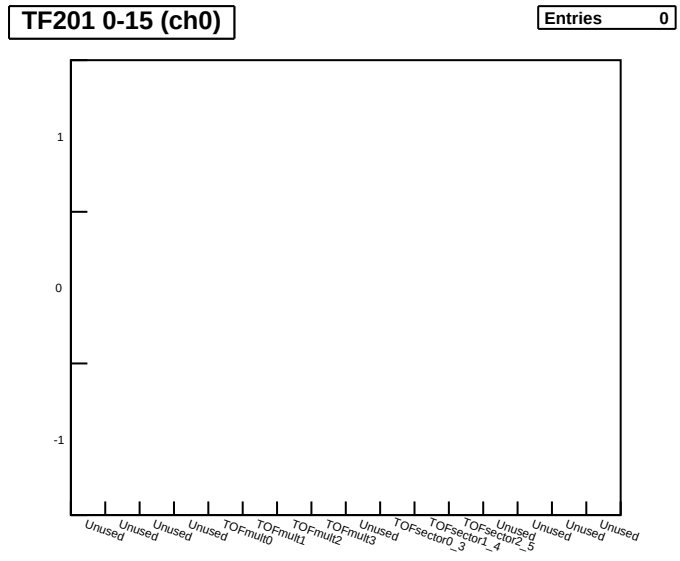

Entries 357838
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

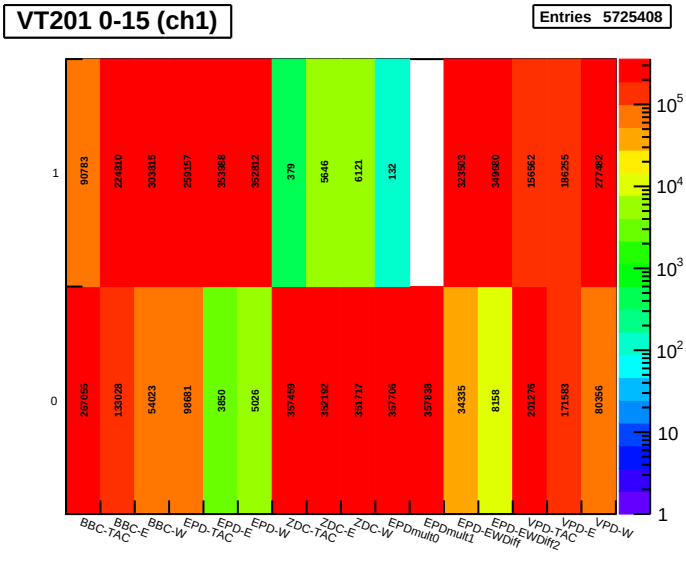

Entries 357838
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

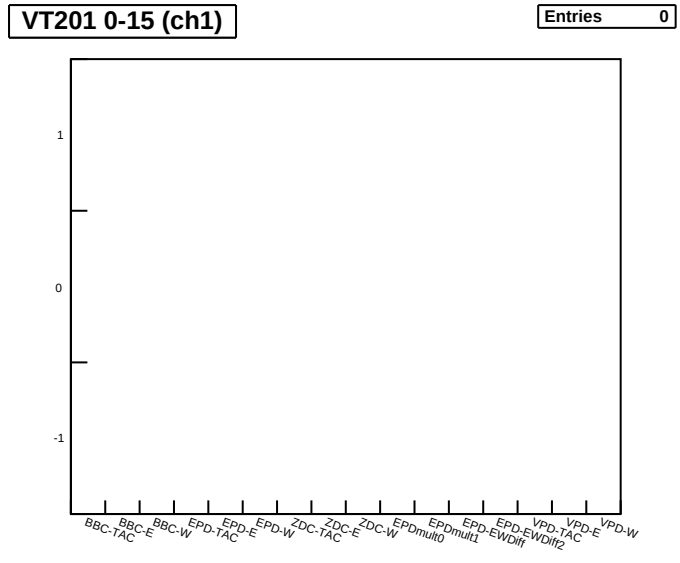

Laser Input Bits
Entries 357838
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

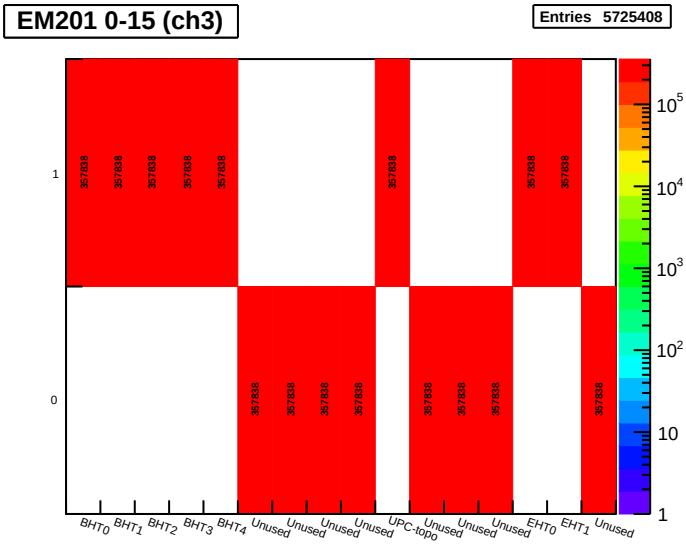

ST201 0-15 (ch6)
Entries 5725408
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357837
357829
1
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

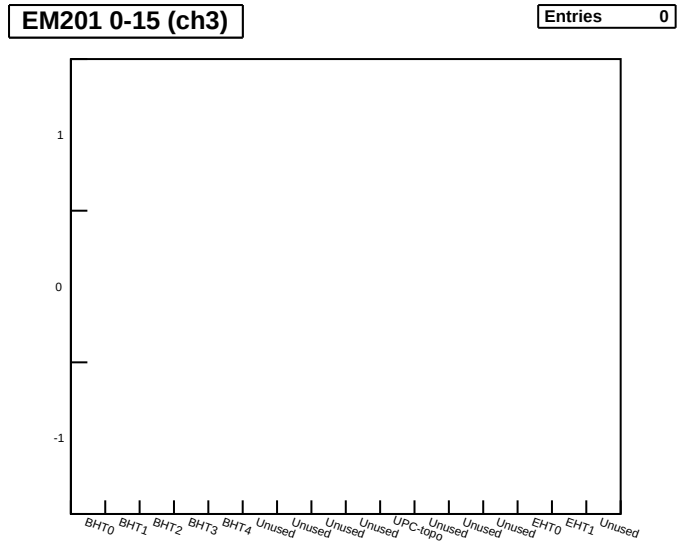

TF201 0-15 (ch0)
Entries 5725408
1
0
357838
353831
316782
306354
237024
294998
294868
292510
357838
357838
357838
357838
357838
357838
3907
41056
51484
120814
357838
62840
62970
65328
357838
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 5725408
1
0
90783
224810
303815
259157
353988
352812
379
5646
6121
132
323503
349680
156562
186255
277482
267055
133028
54023
98681
3850
5026
357459
352192
351717
357706
357838
34335
8158
201276
171583
80356
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 5725408
1
0
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
357838
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
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
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused