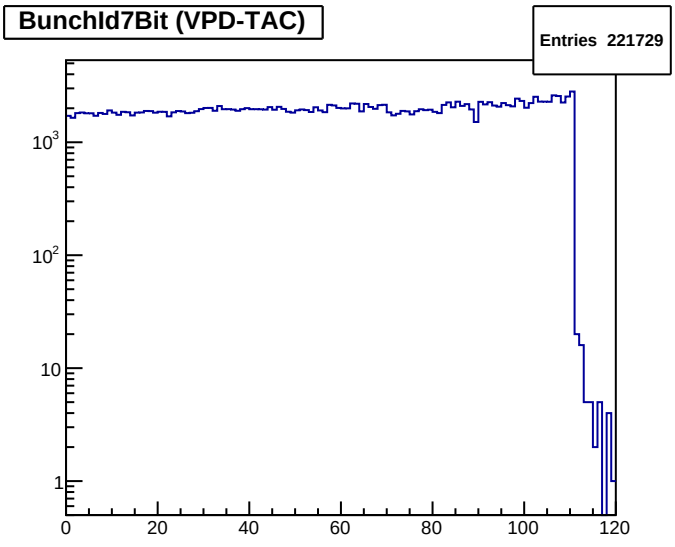
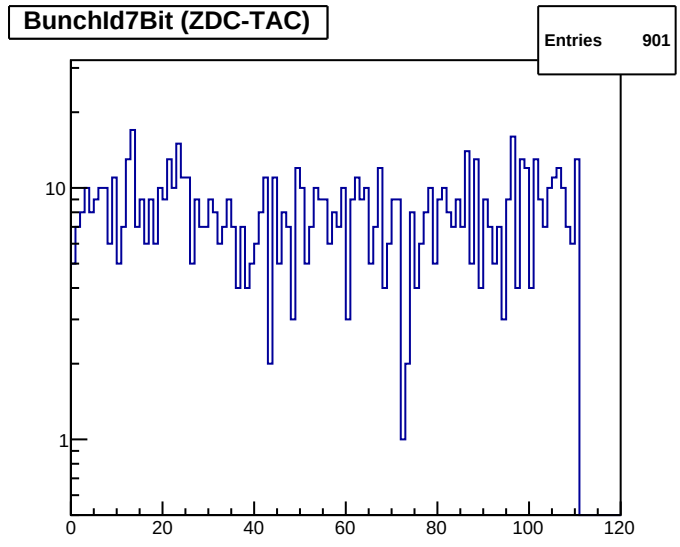
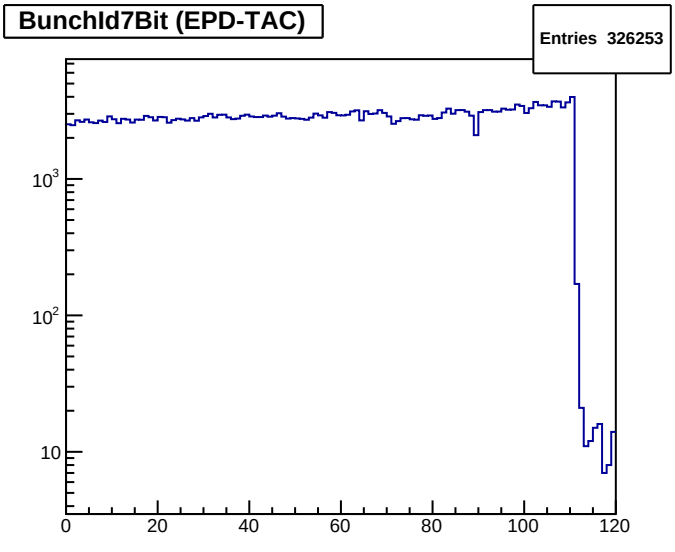
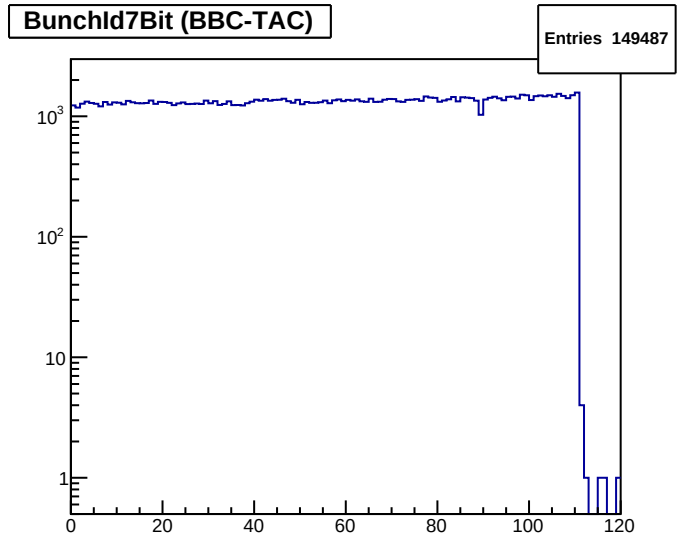
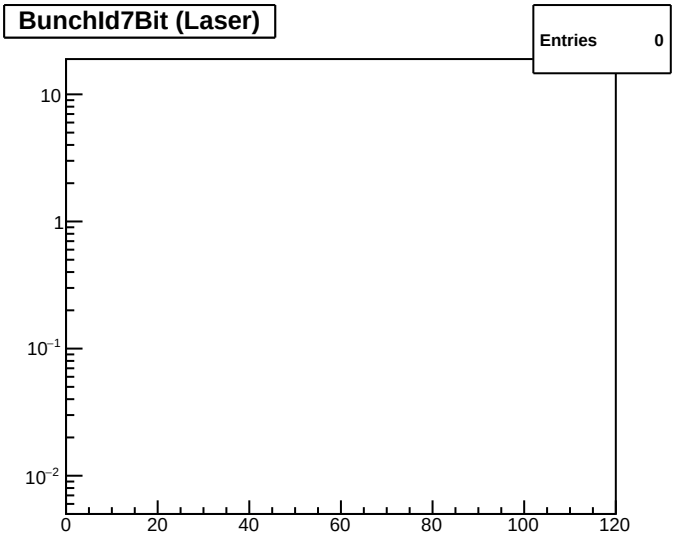
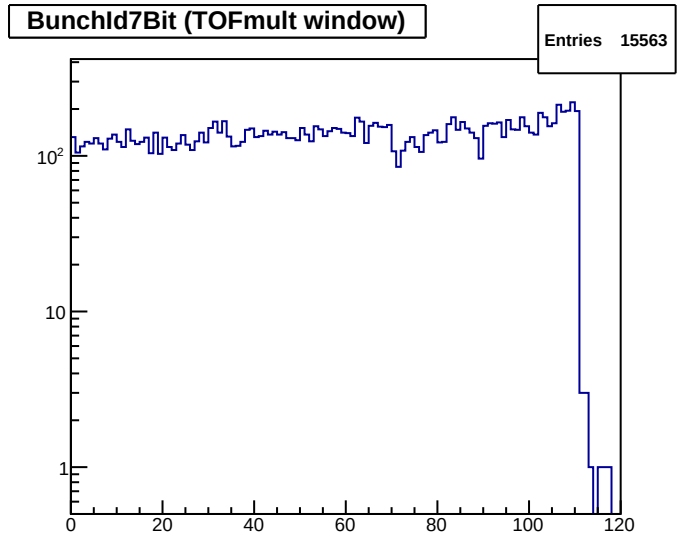

BunchId7Bit (VPD-TAC)
Entries 221729

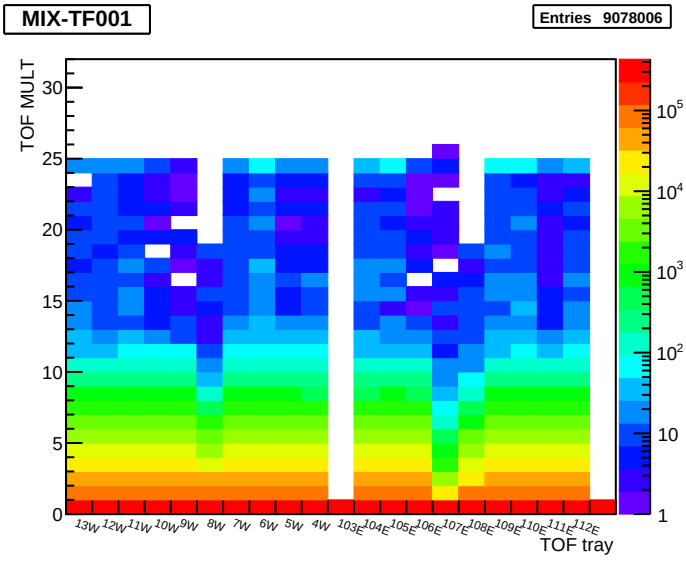

BunchId7Bit (ZDC-TAC)
Entries 901

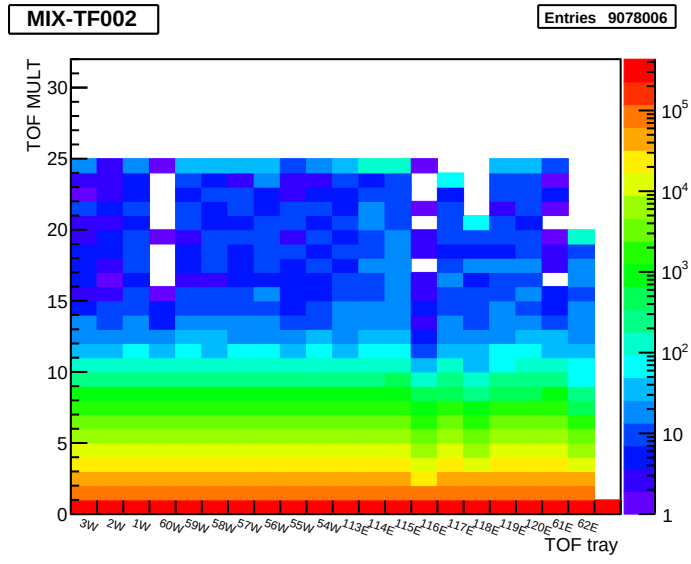

BunchId7Bit (EPD-TAC)
Entries 326253

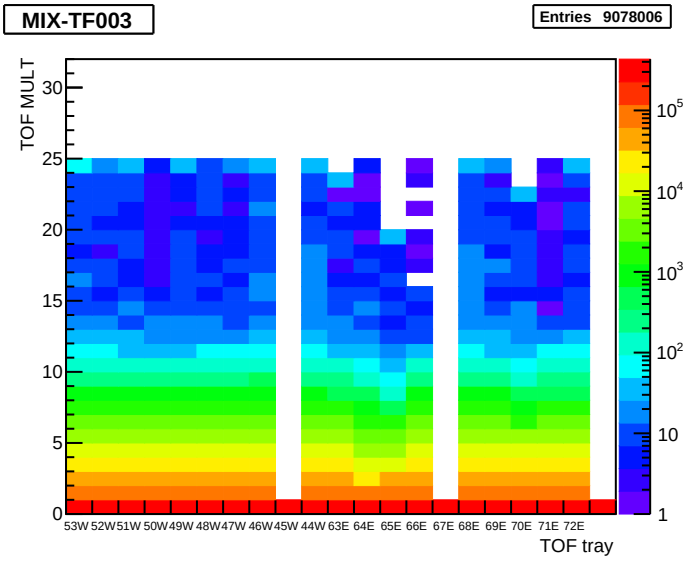

BunchId7Bit (BBC-TAC)
Entries 149487

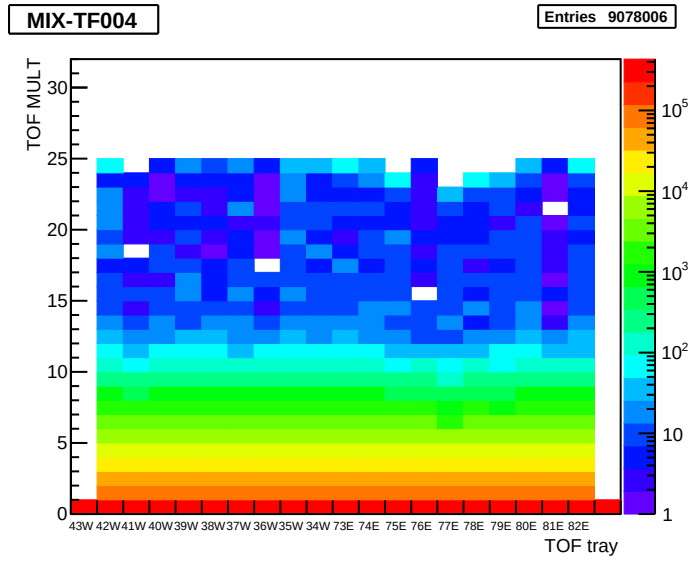

BunchId7Bit (Laser)
Entries 0

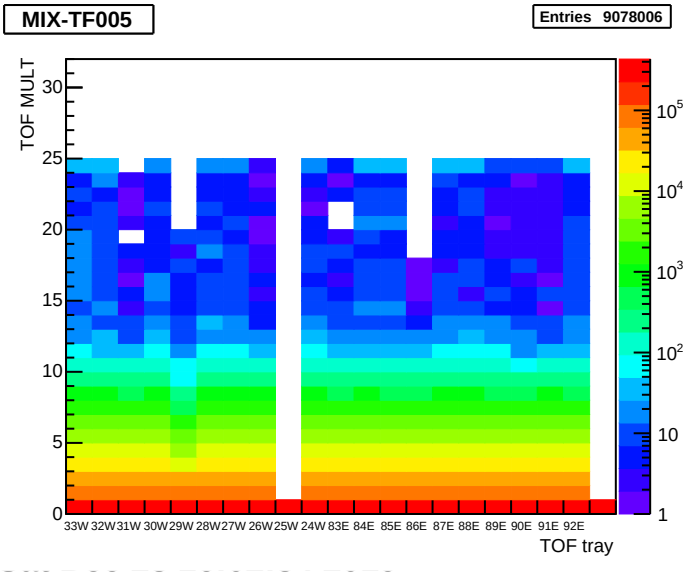

BunchId7Bit (TOFmult window)
Entries 15563

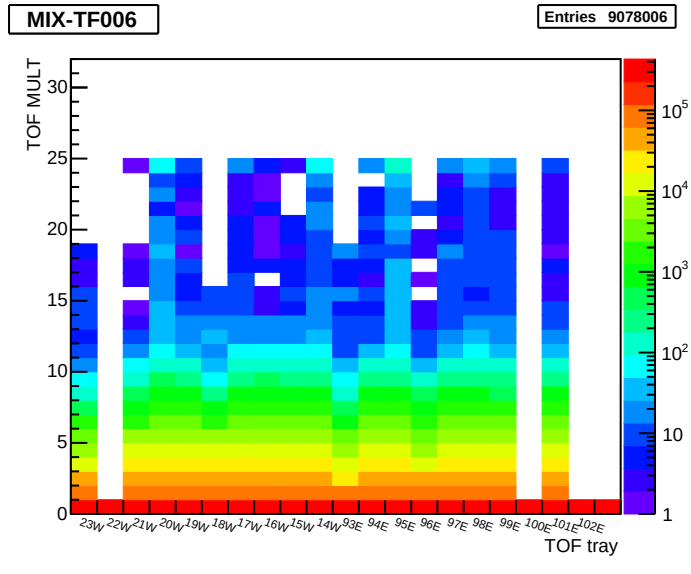

MIX-TF001
Entries 9078006
TOF MULT
TOF tray

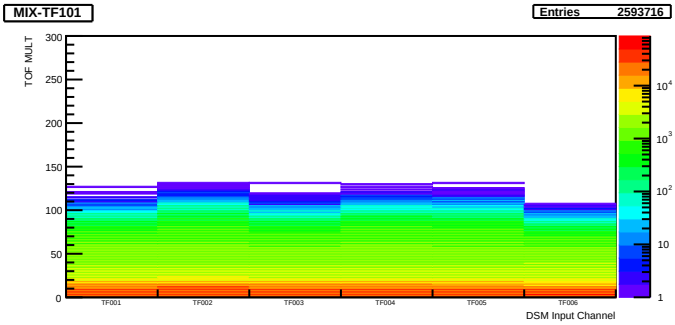

MIX-TF002
Entries 9078006
TOF MULT
TOF tray

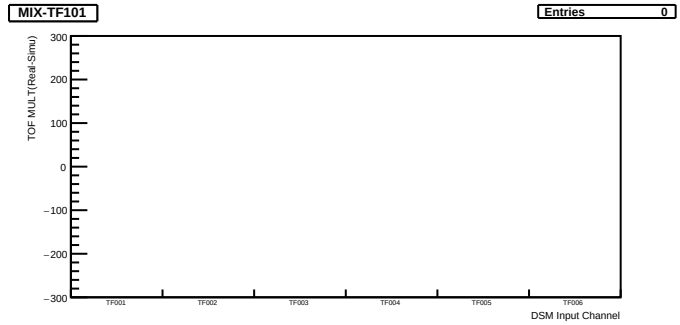

MIX-TF003
Entries 9078006
TOF MULT
TOF tray

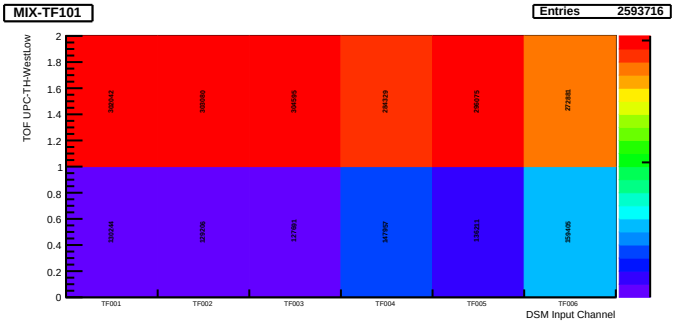

MIX-TF004
Entries 9078006
TOF MULT
TOF tray

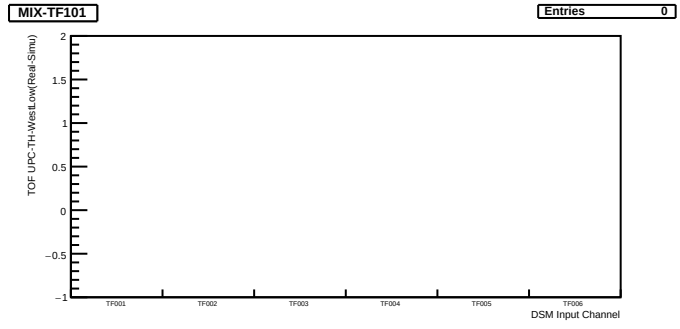

MIX-TF005
Entries 9078006
TOF MULT
TOF tray

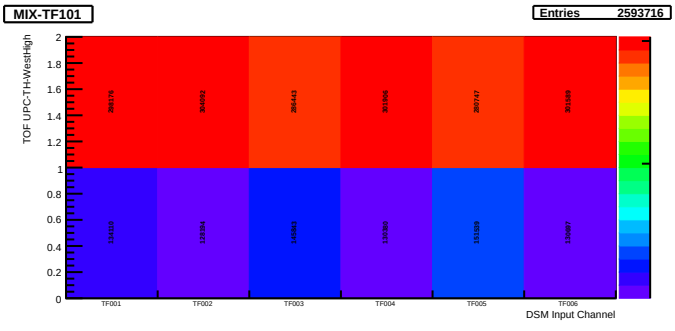

MIX-TF006
Entries 9078006
TOF MULT
TOF tray

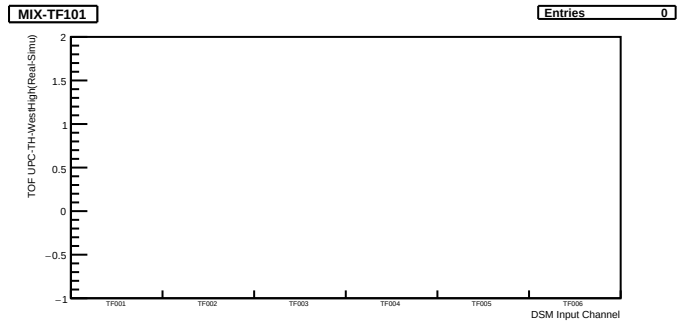

MIX-TF101
Entries 2593716
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

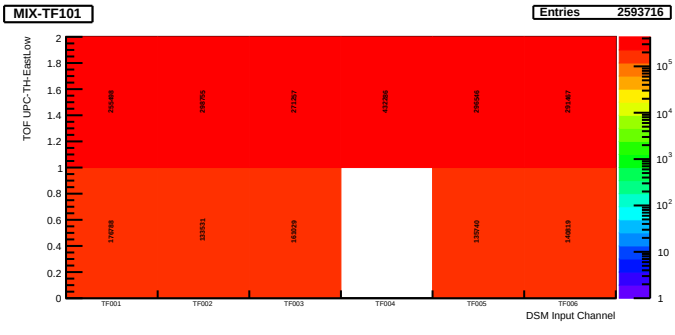

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

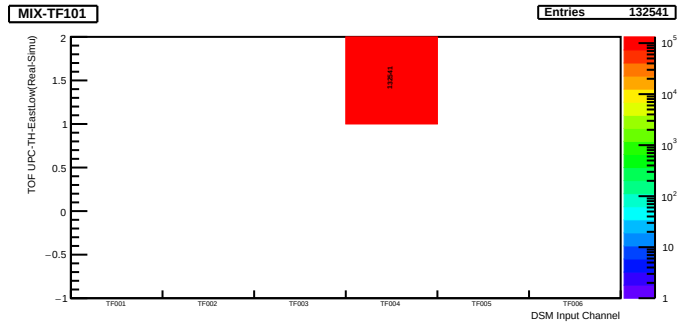

MIX-TF101
Entries 2593716
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

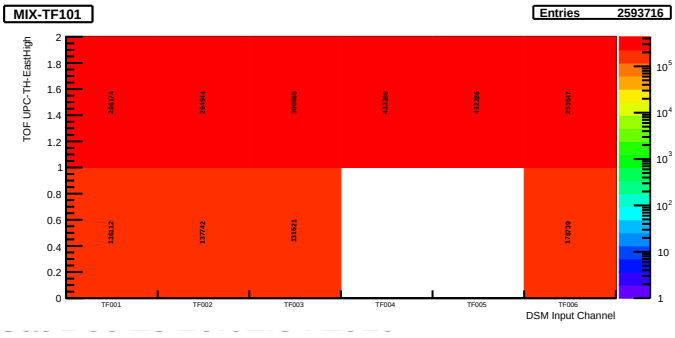

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

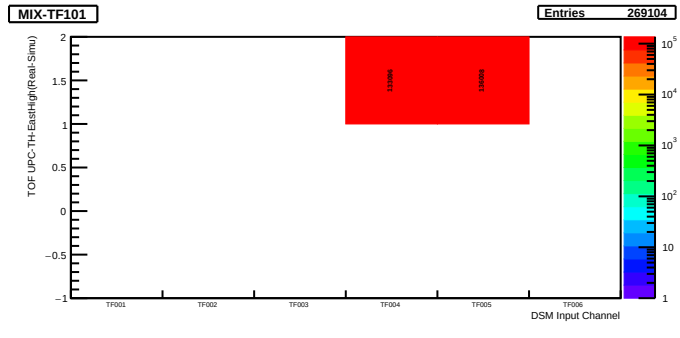

MIX-TF101
Entries 2593716
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

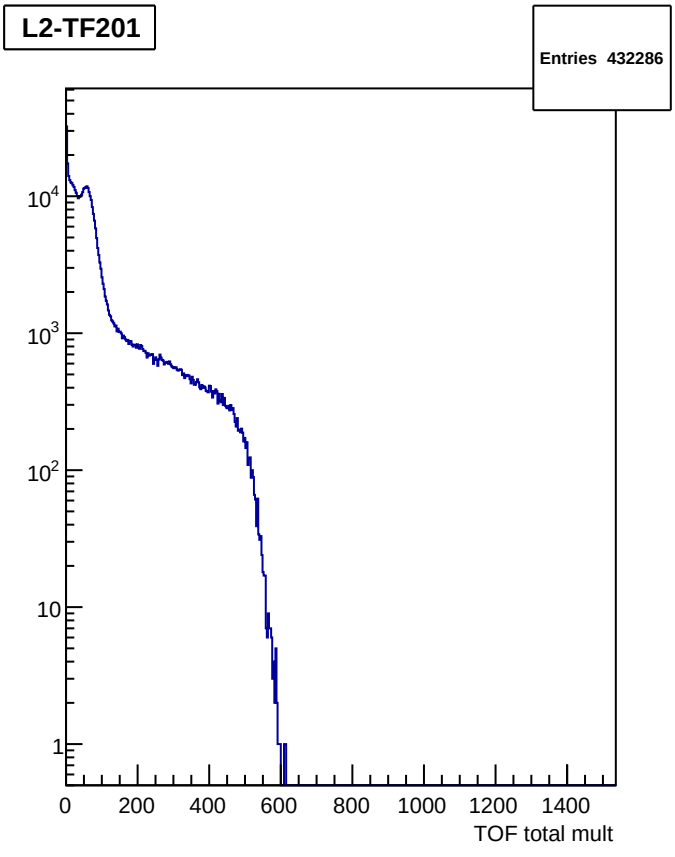

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

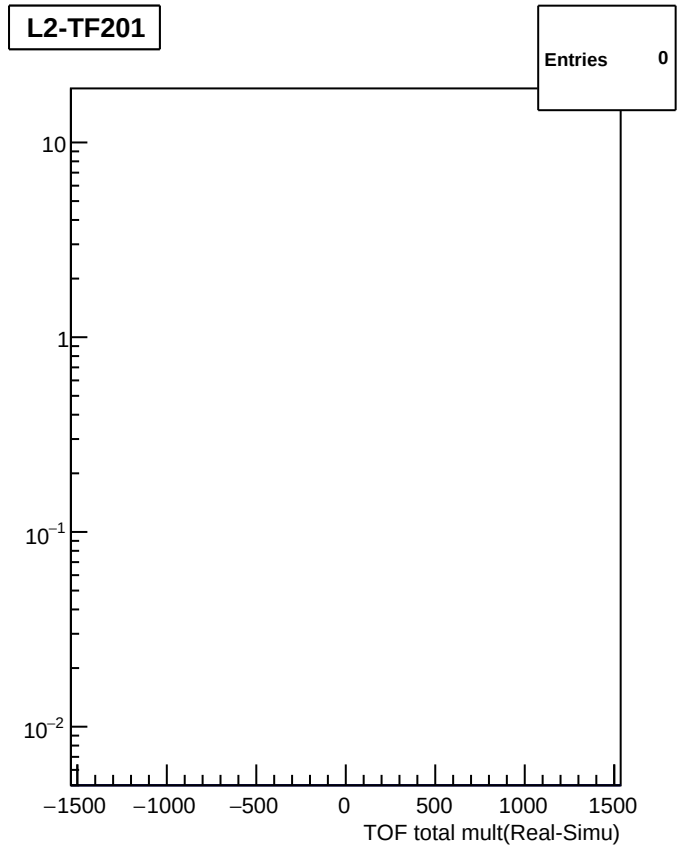

MIX-TF101
Entries 2593716
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

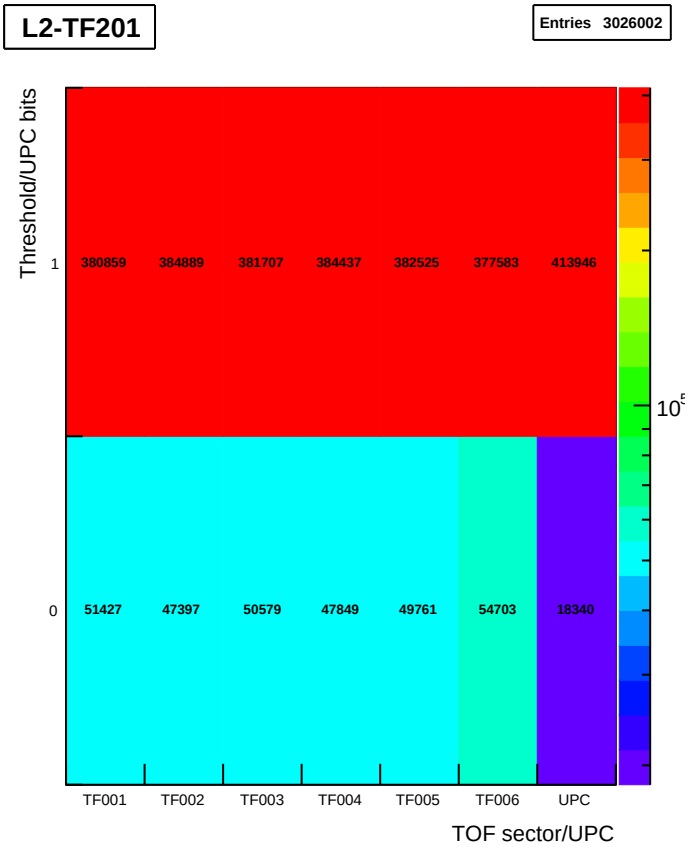

MIX-TF101
Entries 132541
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

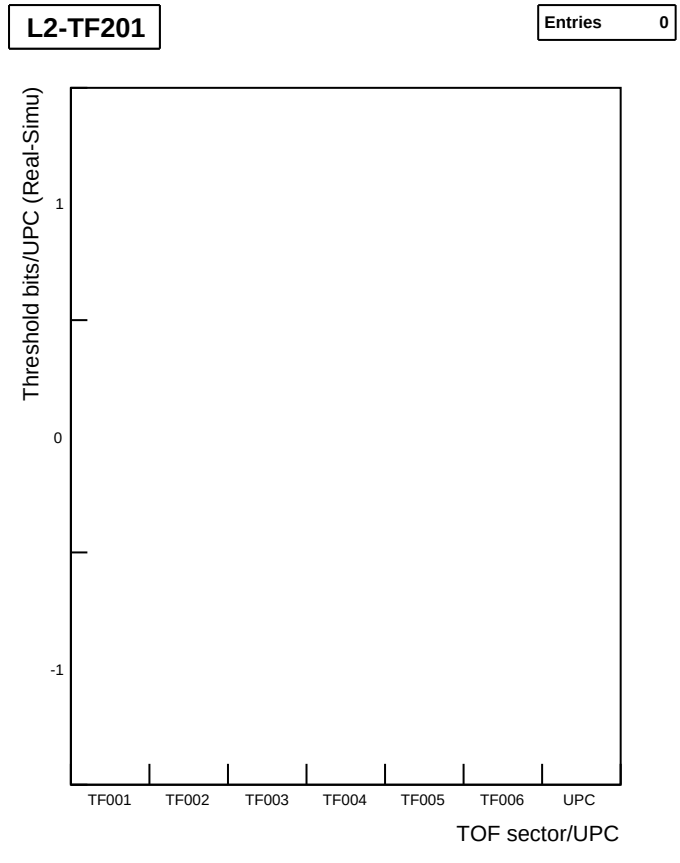

MIX-TF101
Entries 2593716
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

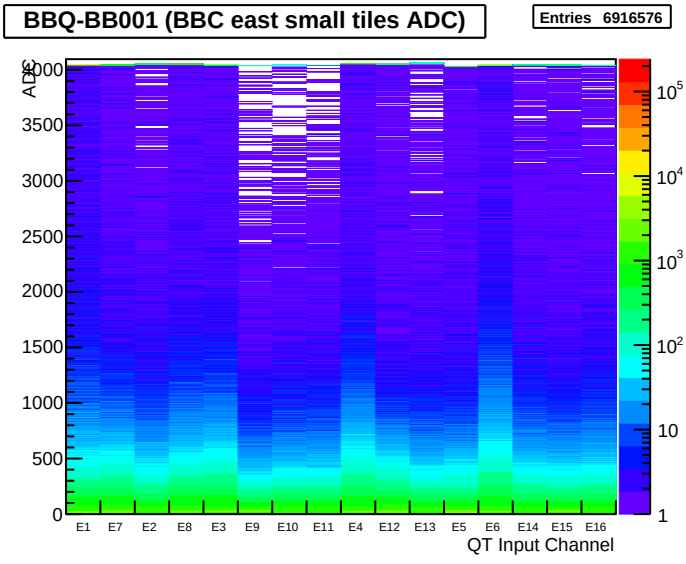

MIX-TF101
Entries 269104
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

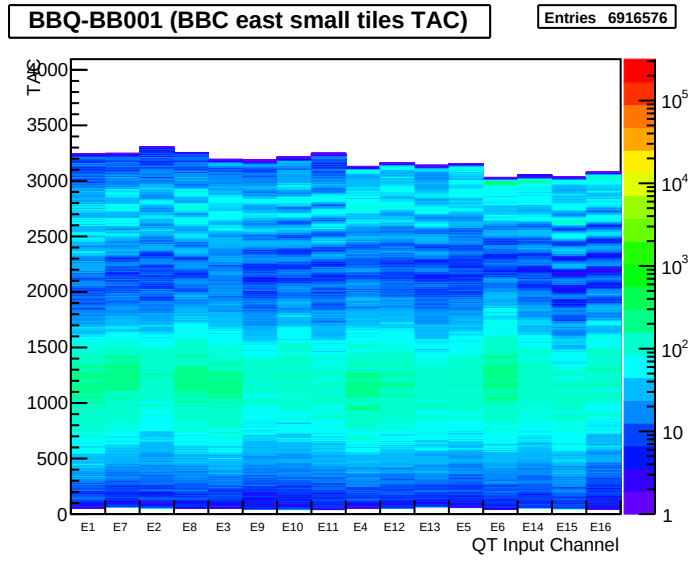

L2-TF201
Entries 432286
TOF total mult

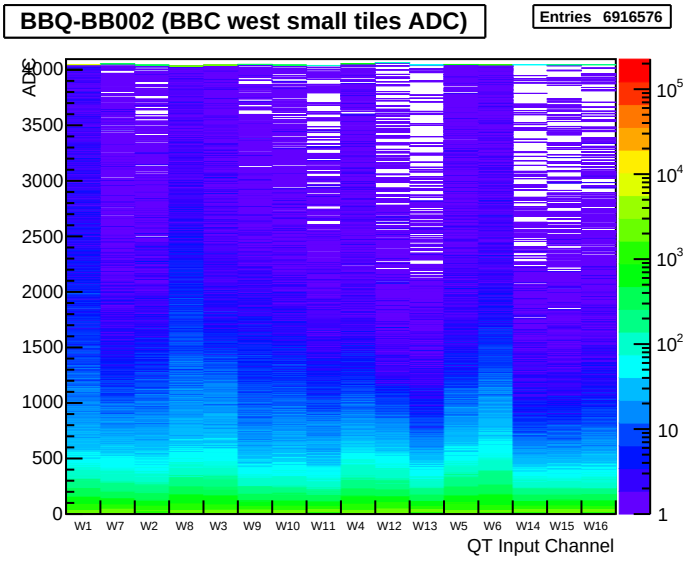

L2-TF201
Entries 0
TOF total mult(Real-Simu)

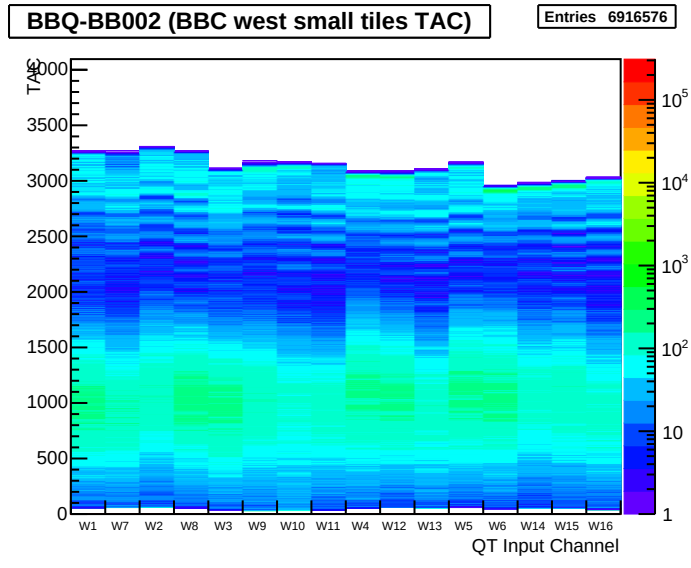

L2-TF201
Entries 3026002
Threshold/UPC bits
380859
384889
381707
384437
382525
377583
413946
51427
47397
50579
47849
49761
54703
18340
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

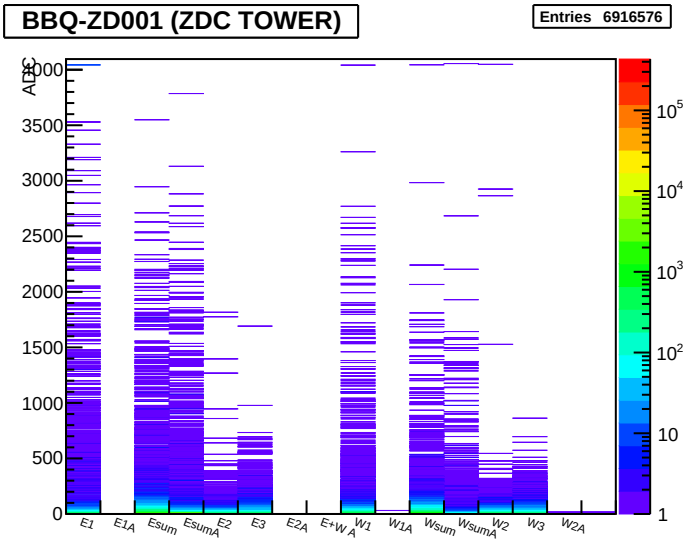

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

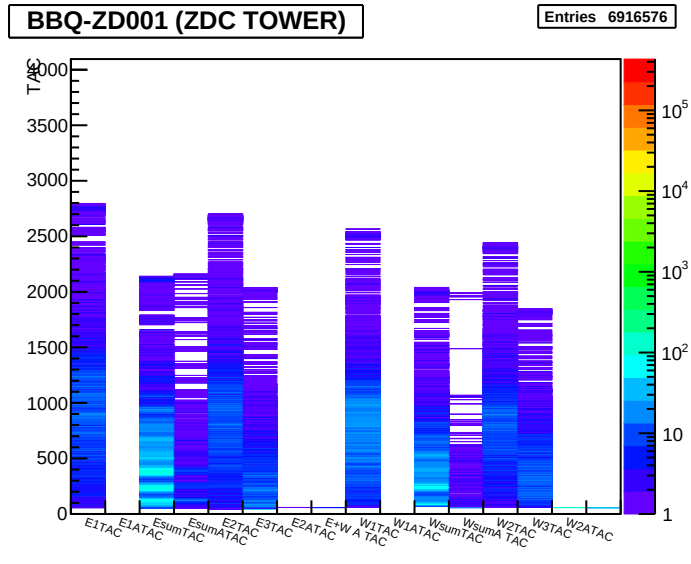

BBQ-BB001 (BBC east small tiles ADC)
Entries 6916576
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

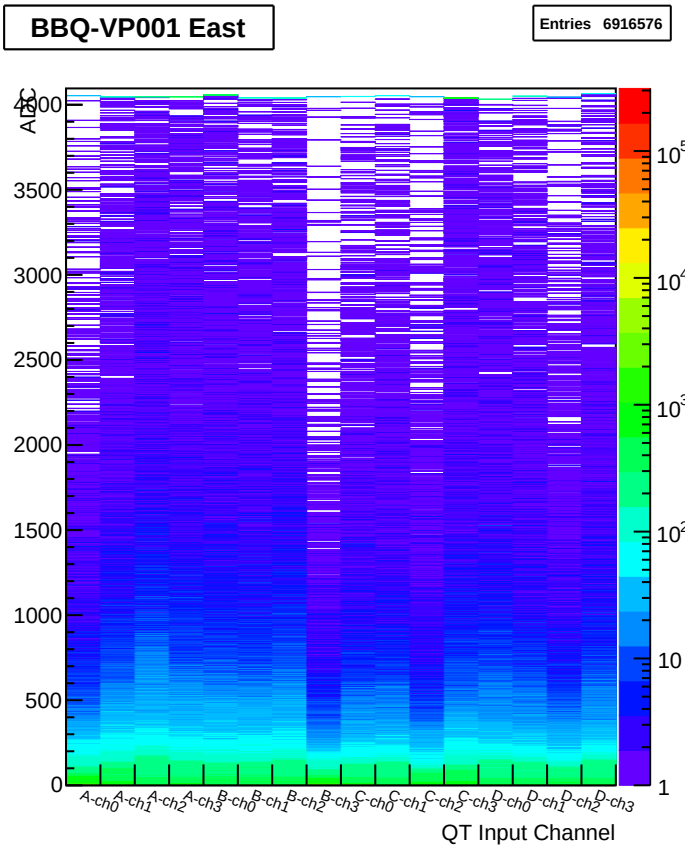

BBQ-BB001 (BBC east small tiles TAC)
Entries 6916576
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

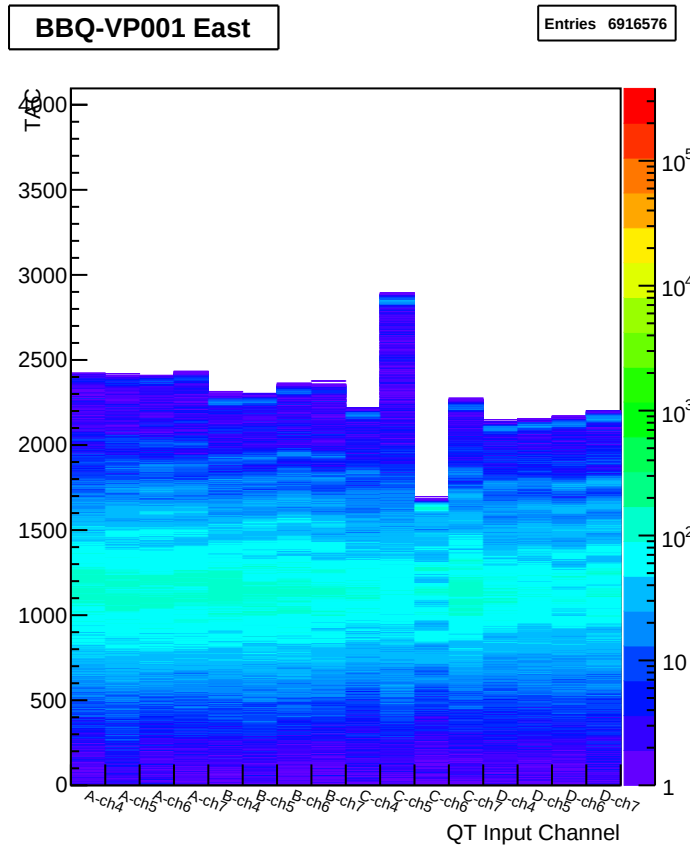

BBQ-BB002 (BBC west small tiles ADC)
Entries 6916576
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

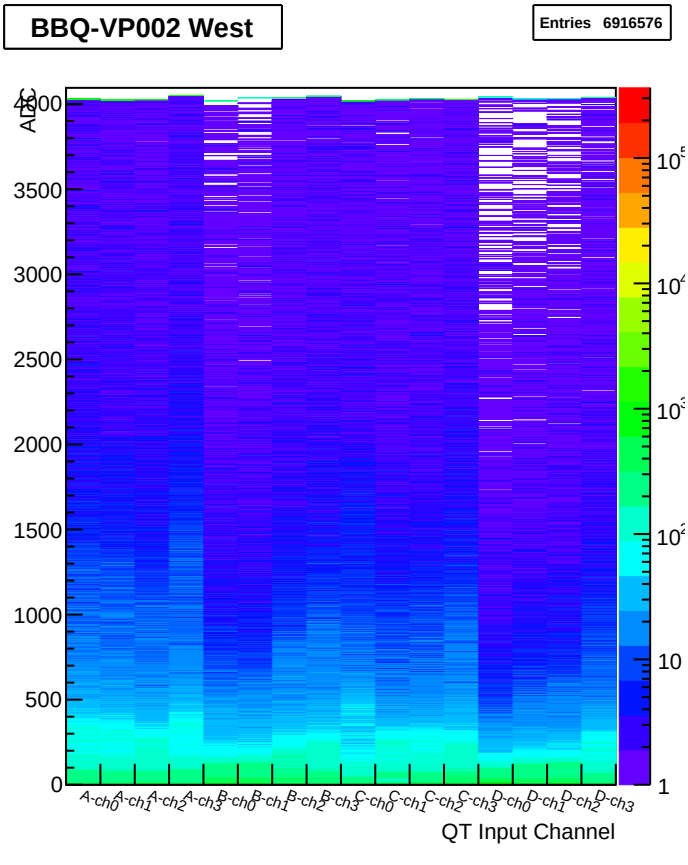

BBQ-BB002 (BBC west small tiles TAC)
Entries 6916576
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

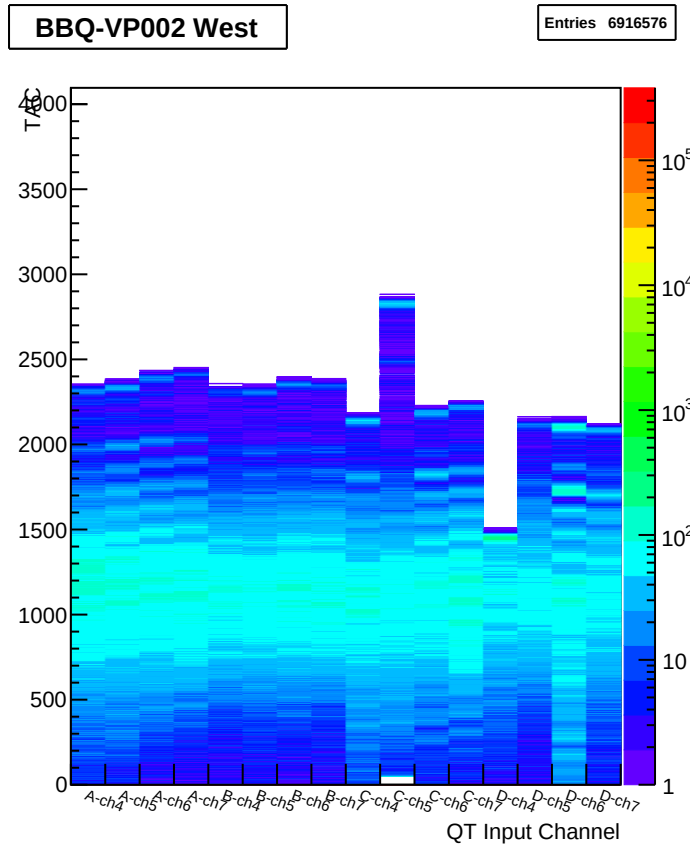

BBQ-ZD001 (ZDC TOWER)
Entries 6916576
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

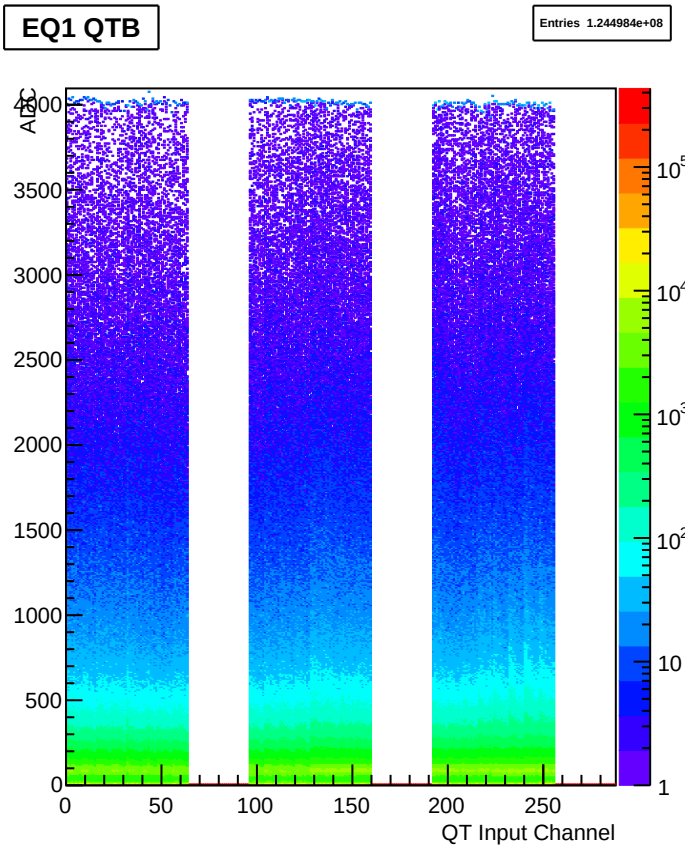

BBQ-ZD001 (ZDC TOWER)
Entries 6916576
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

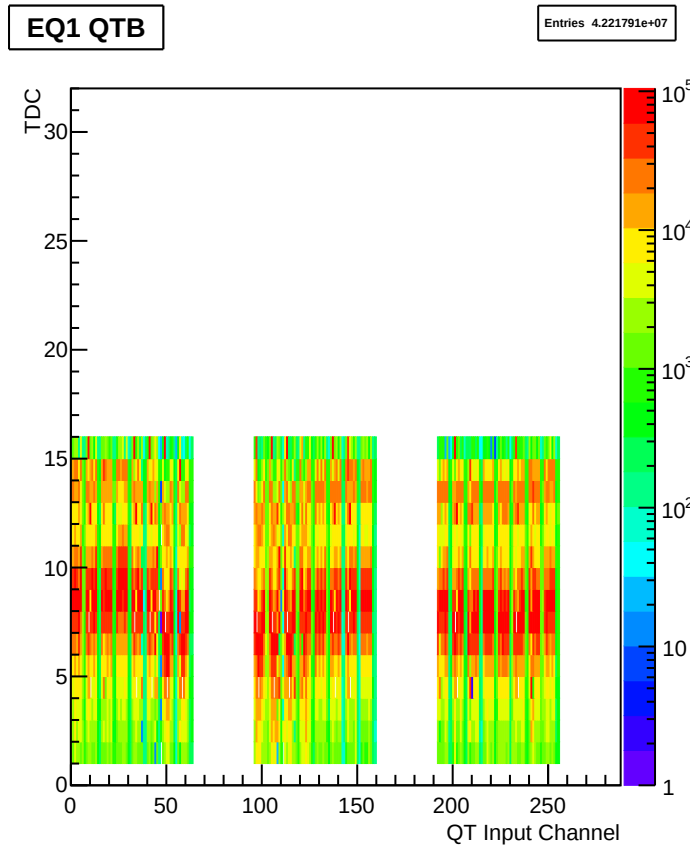

BBQ-VP001 East
Entries 6916576
ADC
QT Input Channel

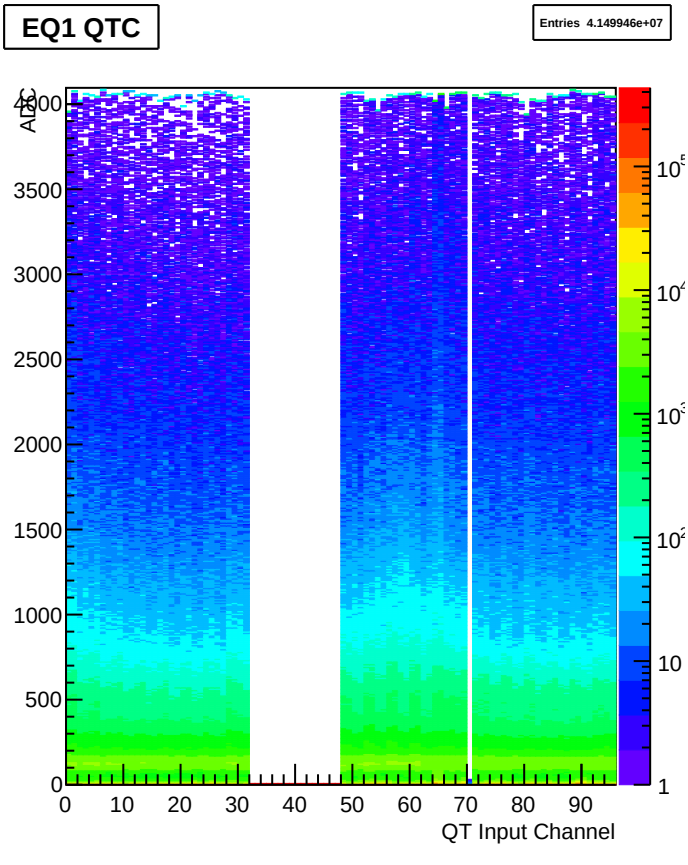

BBQ-VP001 East
Entries 6916576
ADC
QT Input Channel

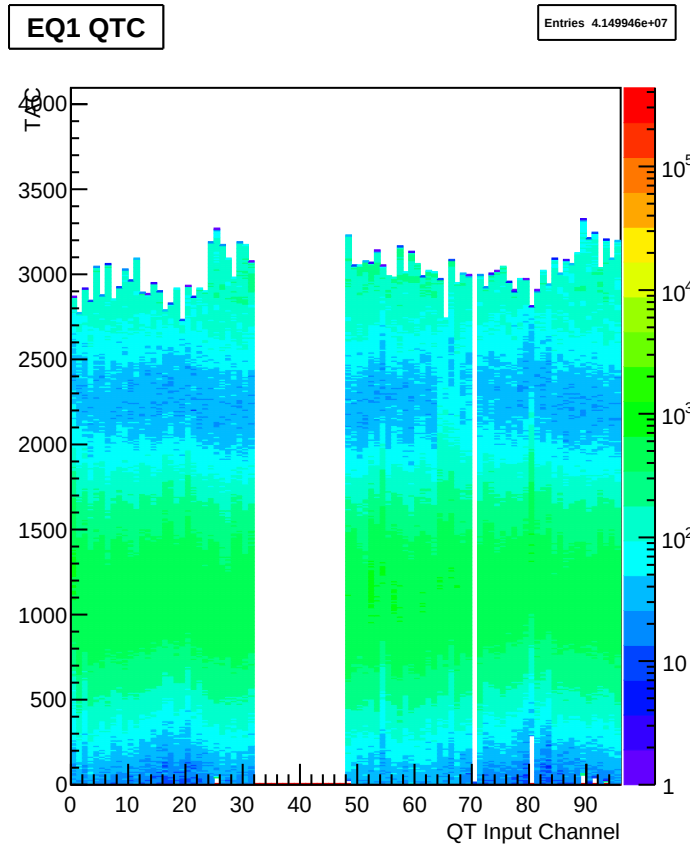

BBQ-VP002 West
Entries 6916576
ADC
QT Input Channel

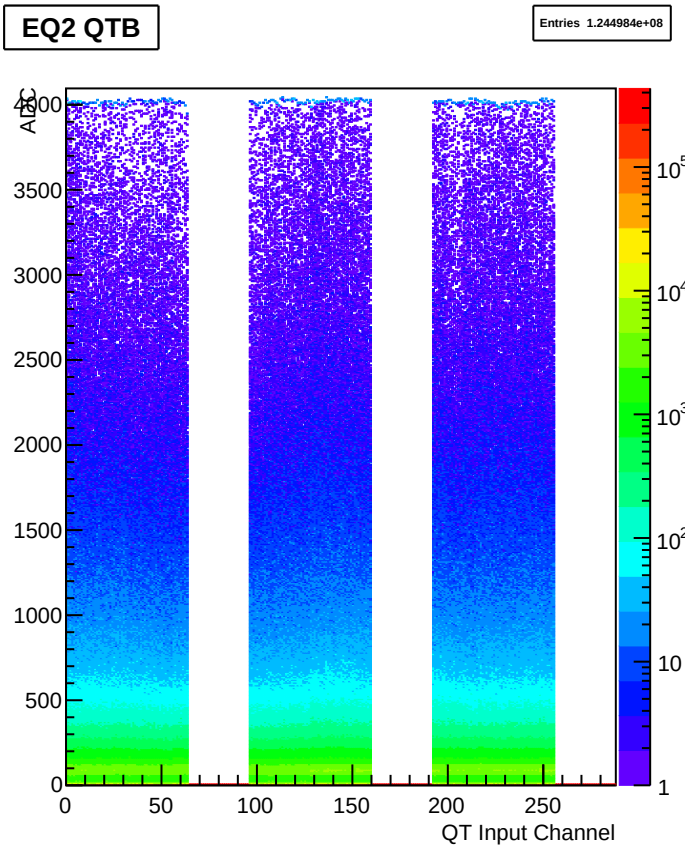

BBQ-VP002 West
Entries 6916576
ADC
QT Input Channel

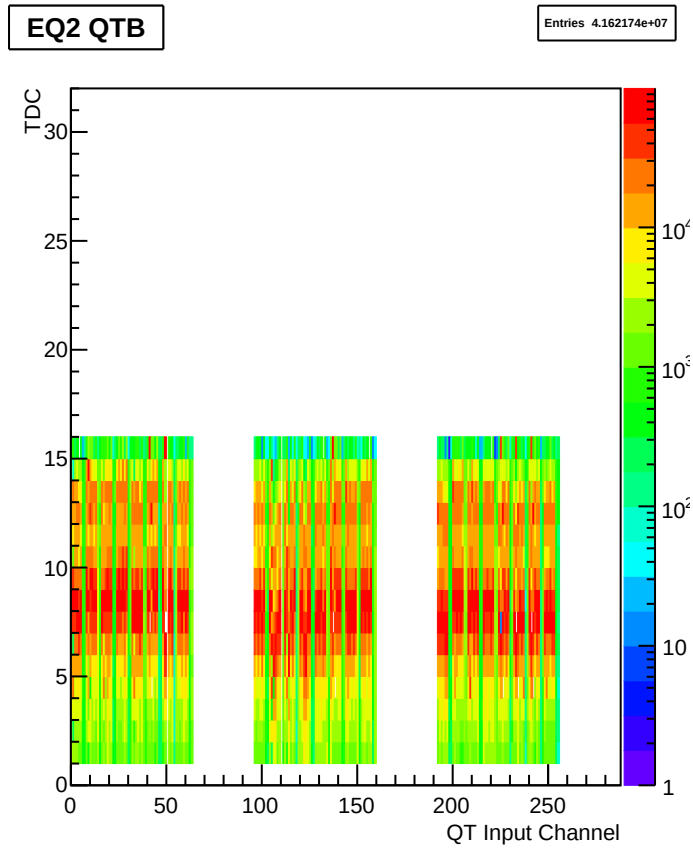

EQ1 QTB
Entries 1.244984e+08
ADC
QT Input Channel

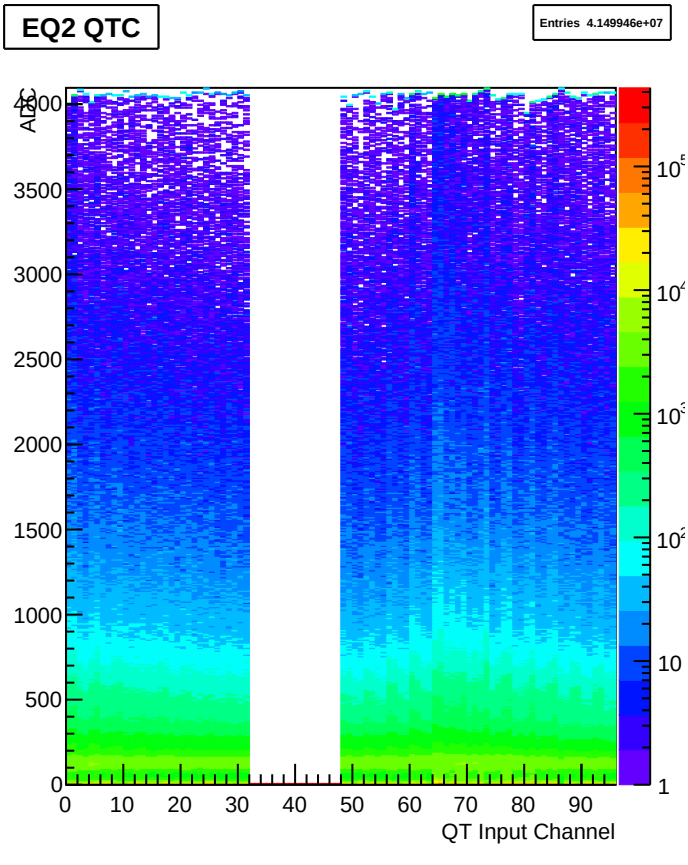

EQ1 QTB
Entries 4.221791e+07
TDC
QT Input Channel

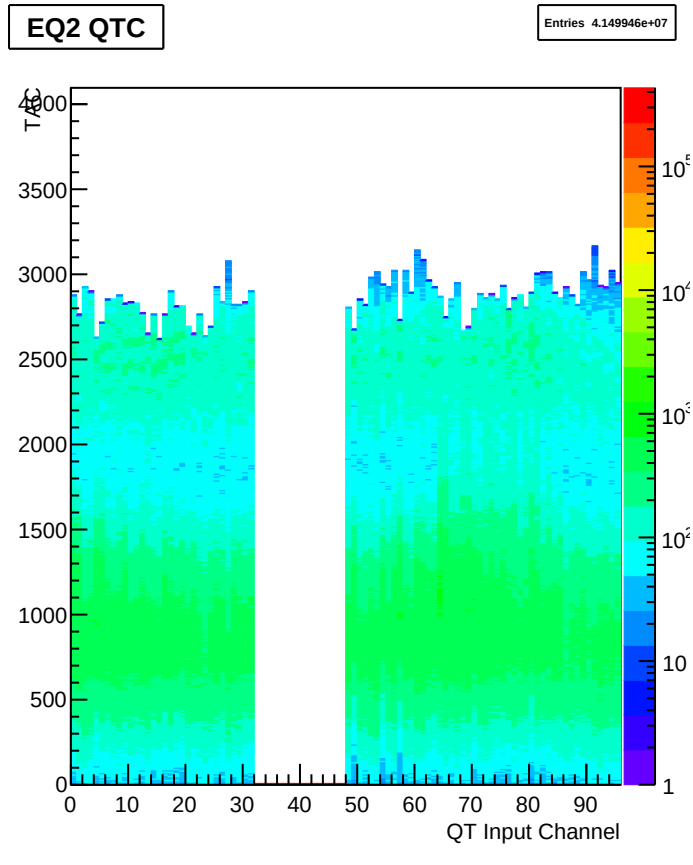

EQ1 QTC
Entries 4.149946e+07
ADC
QT Input Channel

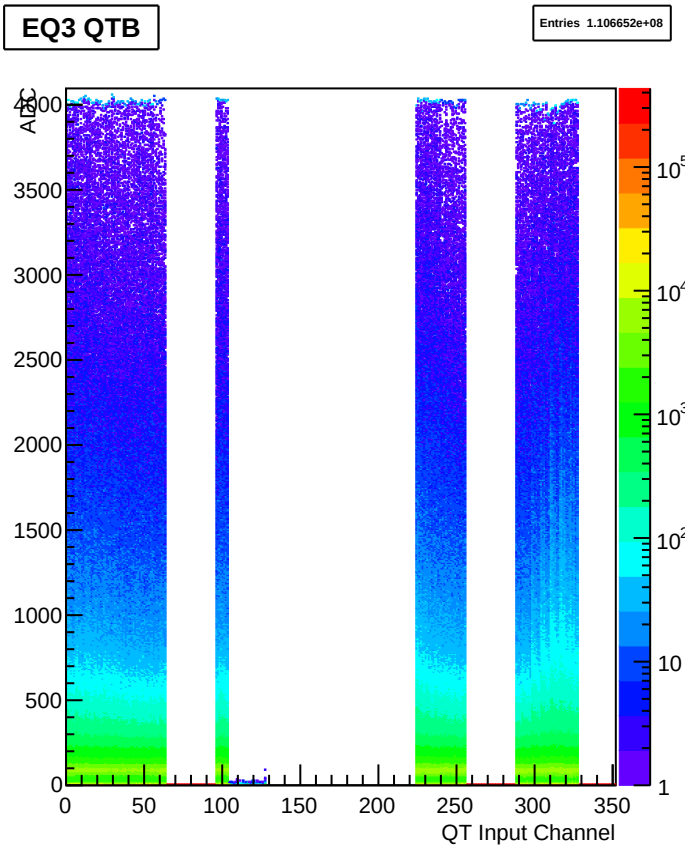

EQ1 QTC
Entries 4.149946e+07
TADC
QT Input Channel

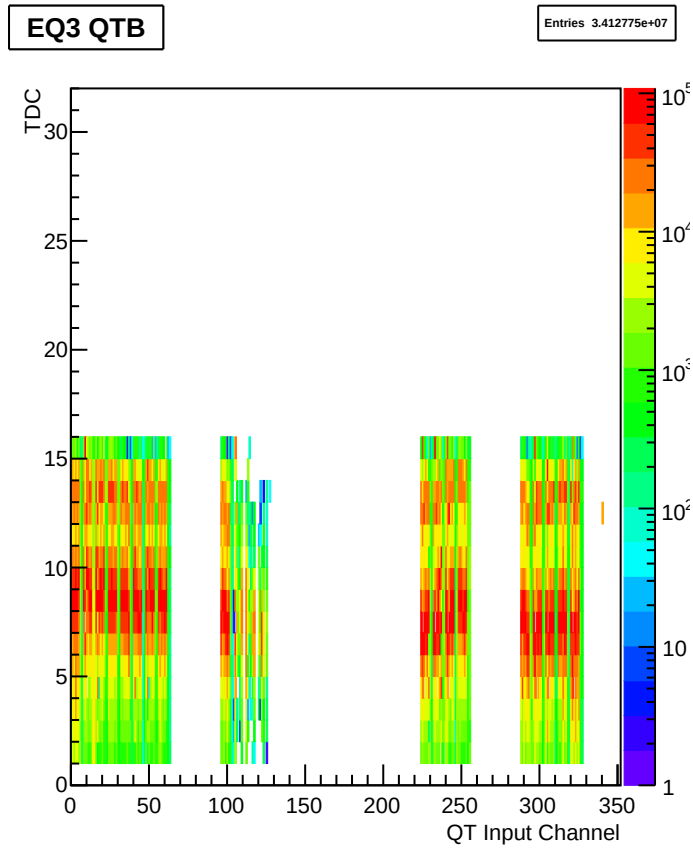

EQ2 QTB
Entries 1.244984e+08
ADC
QT Input Channel

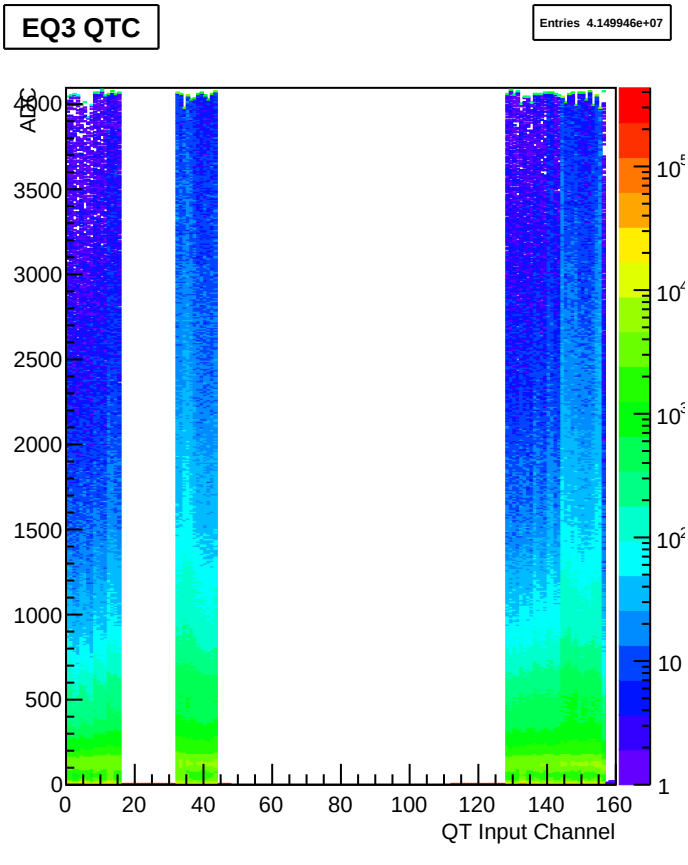

EQ2 QTB
Entries 4.162174e+07
TDC
QT Input Channel

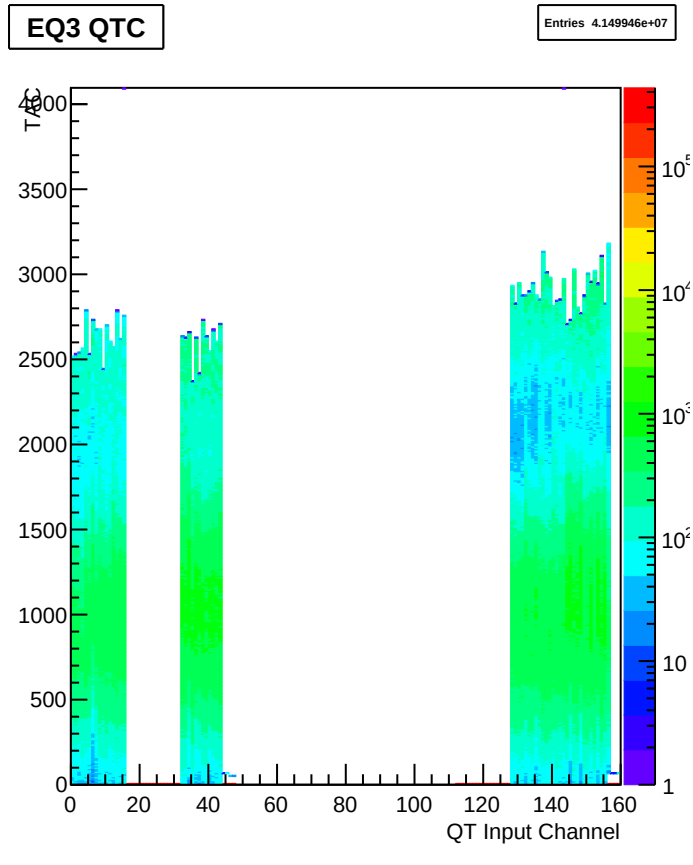

EQ2 QTC
Entries 4.149946e+07
ADC
QT Input Channel

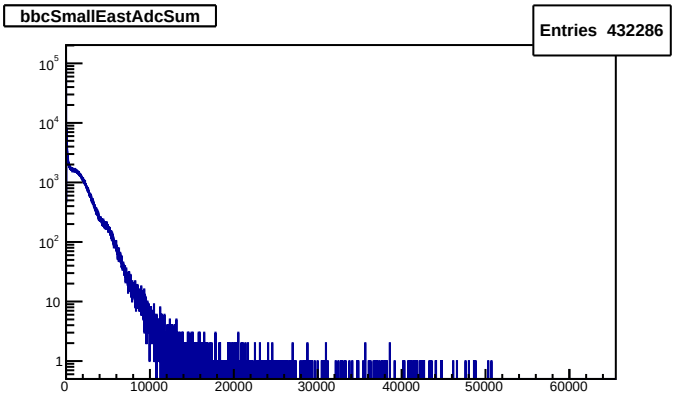

EQ2 QTC
Entries 4.149946e+07
TADC
QT Input Channel

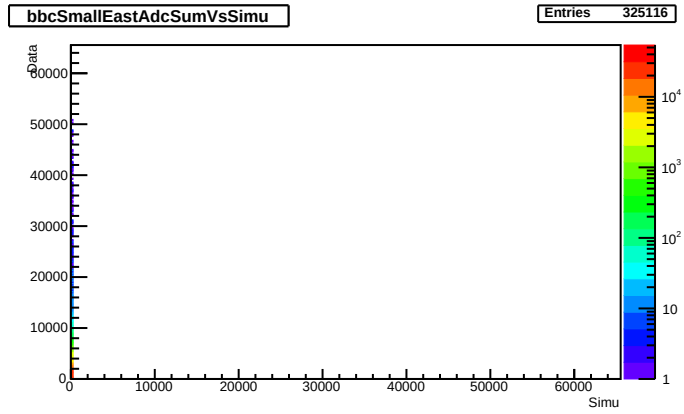

EQ3 QTB
Entries 1.106652e+08
ADC
QT Input Channel

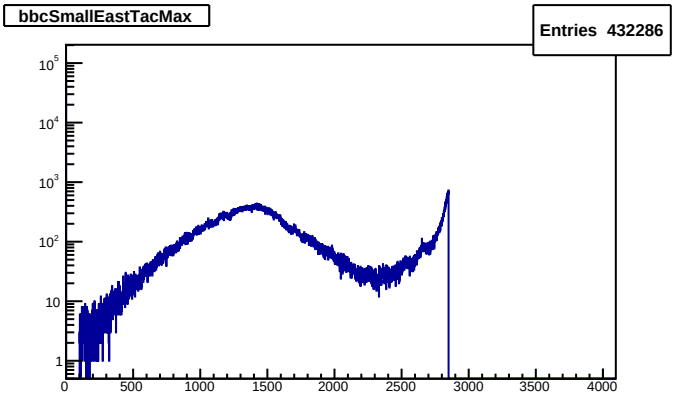

EQ3 QTB
Entries 3.412775e+07
TDC
QT Input Channel

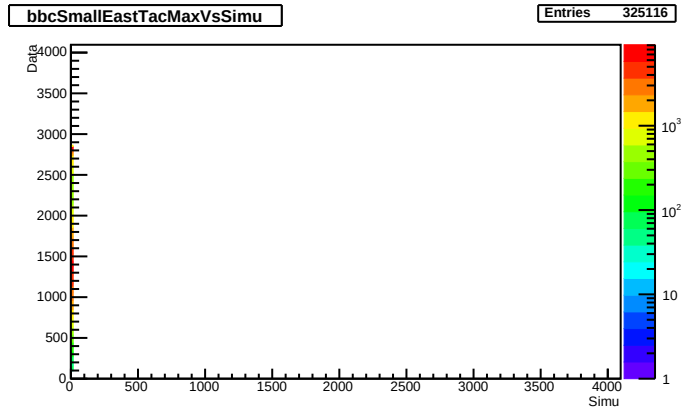

EQ3 QTC
Entries 4.149946e+07
ADC
QT Input Channel

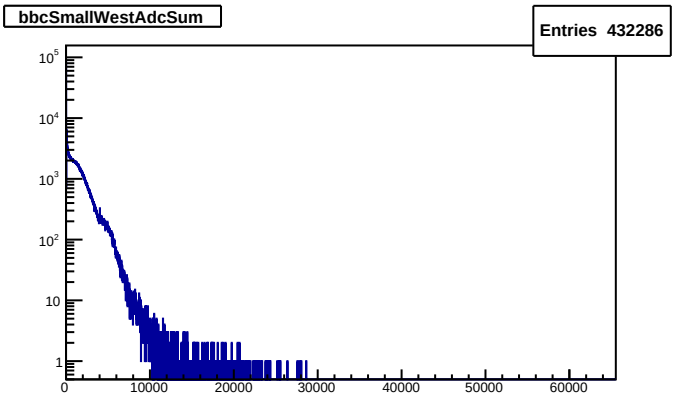

EQ3 QTC
Entries 4.149946e+07
TADC
QT Input Channel

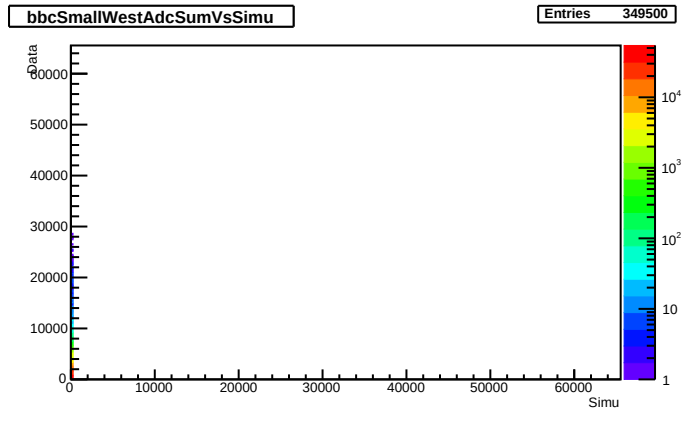

bbcSmallEastAdcSum
Entries 432286

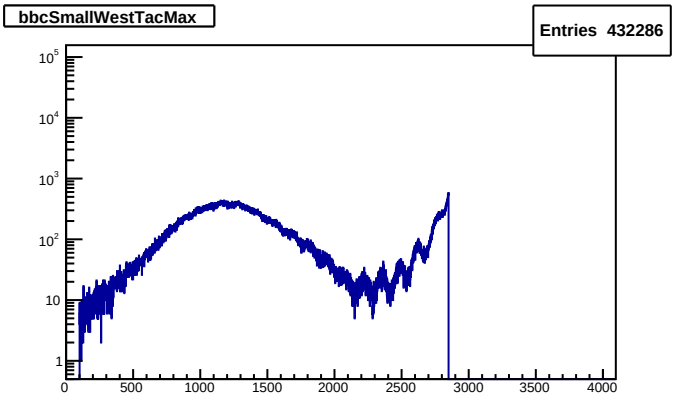

bbcSmallEastAdcSumVsSimu
Entries 325116
Data
Simu

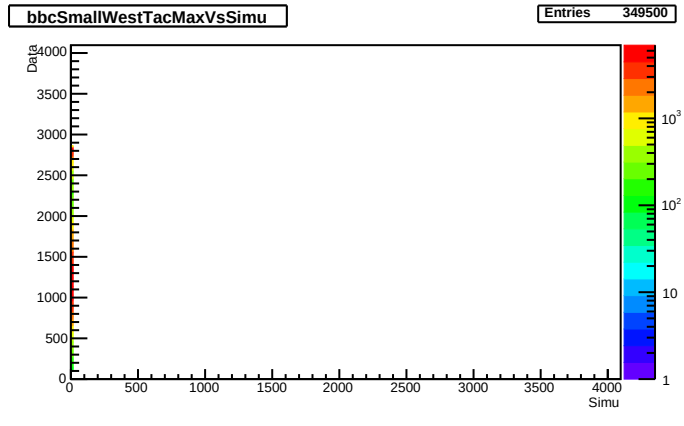

bbcSmallEastTacMax
Entries 432286

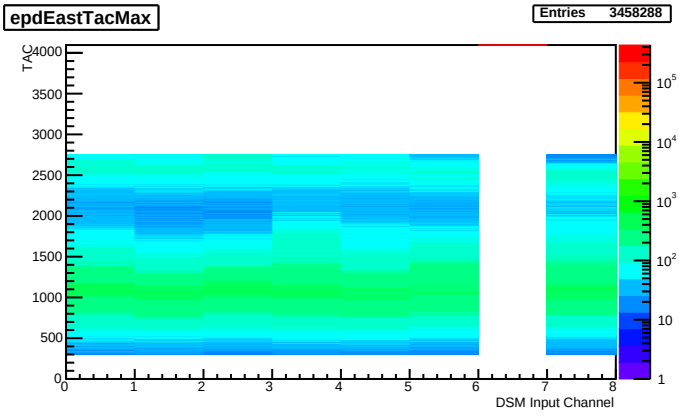

bbcSmallEastTacMaxVsSimu
Entries 325116
Data
Simu

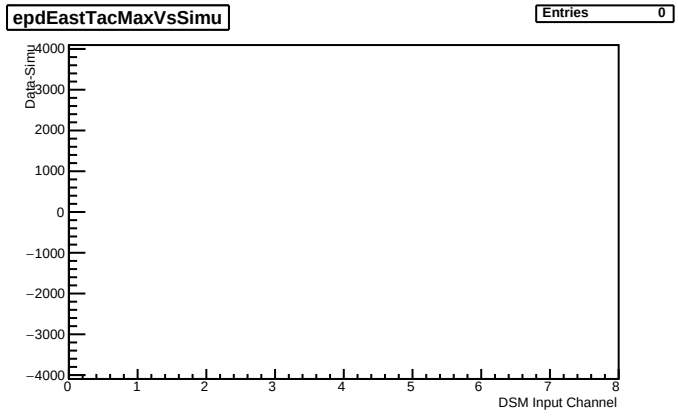

bbcSmallWestAdcSum
Entries 432286

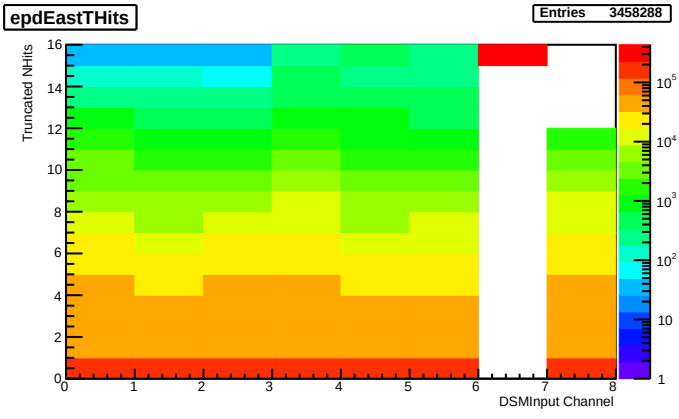

bbcSmallWestAdcSumVsSimu
Entries 349500
Data
Simu

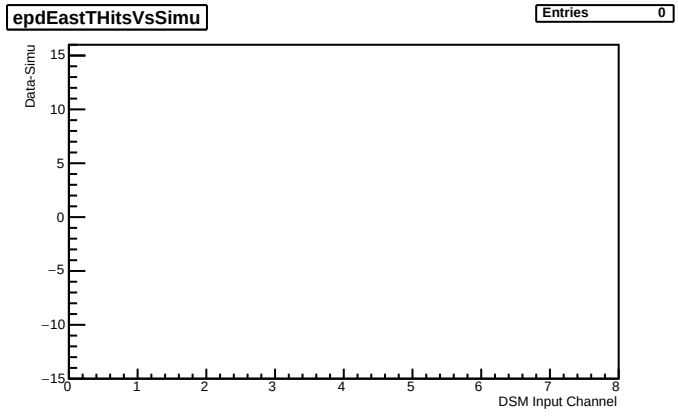

bbcSmallWestTacMax
Entries 432286

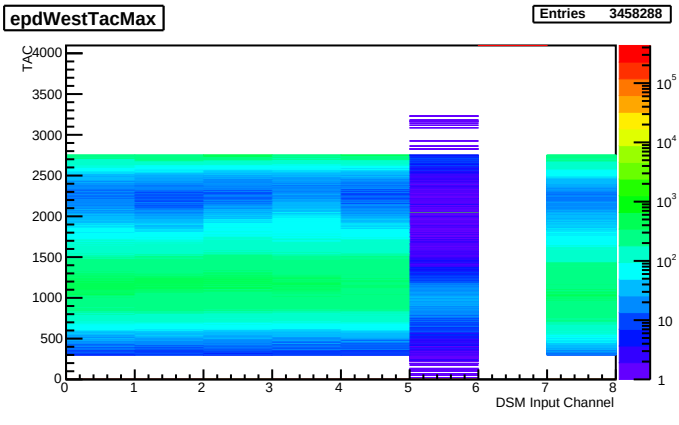

bbcSmallWestTacMaxVsSimu
Entries 349500
Data
Simu

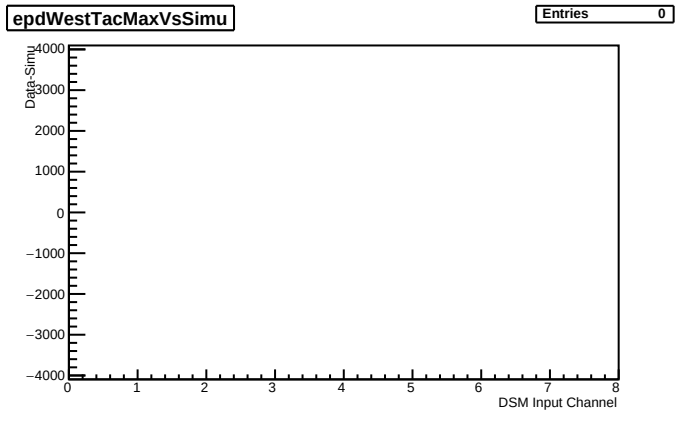

epdEastTacMax
Entries 3458288
TAC
DSM Input Channel

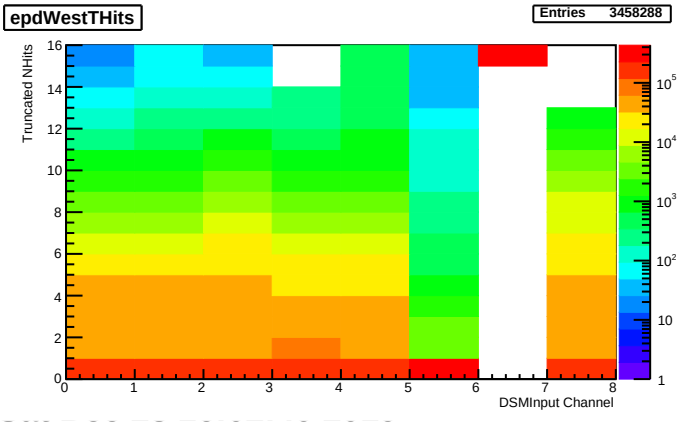

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

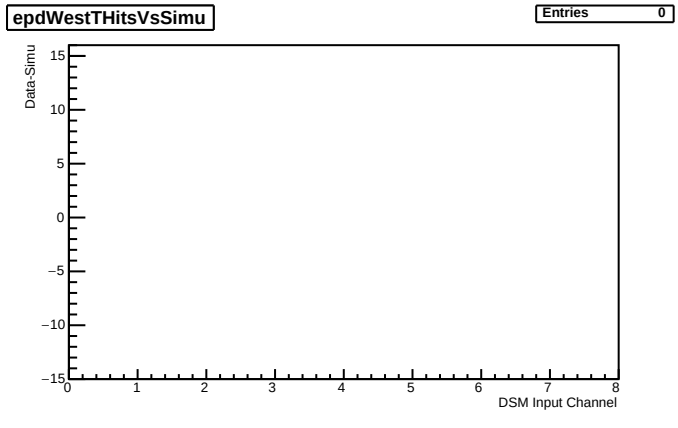

epdEastTHits
Entries 3458288
Truncated NHits
DSMInput Channel

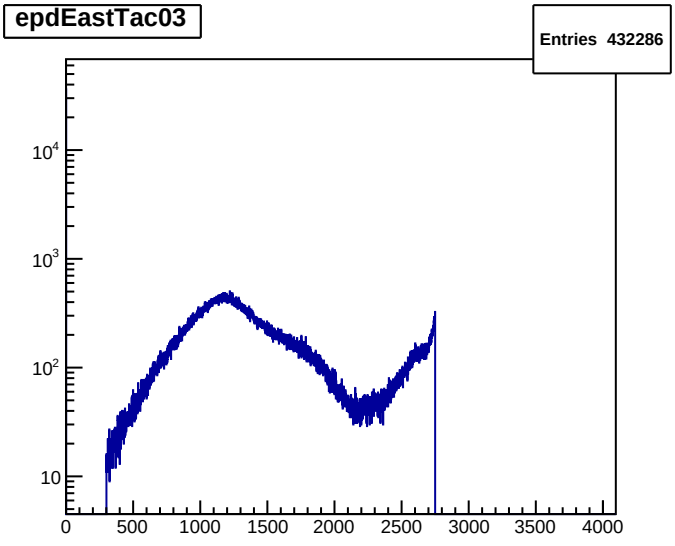

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

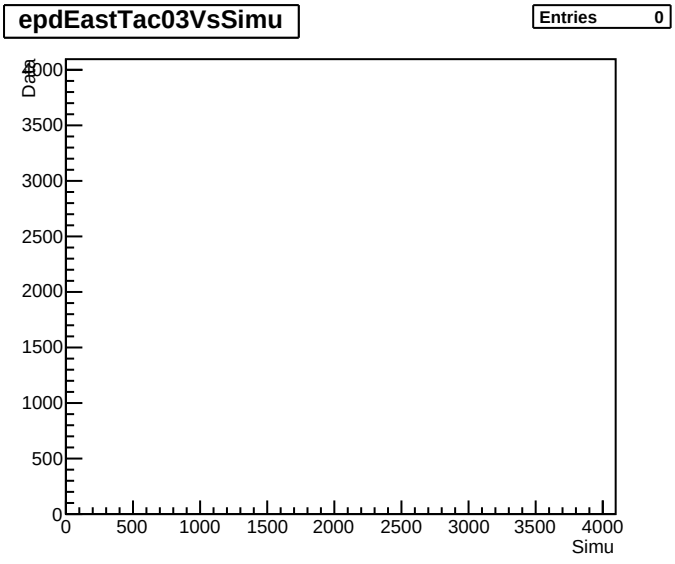

epdWestTacMax
Entries 3458288
TAC
DSM Input Channel

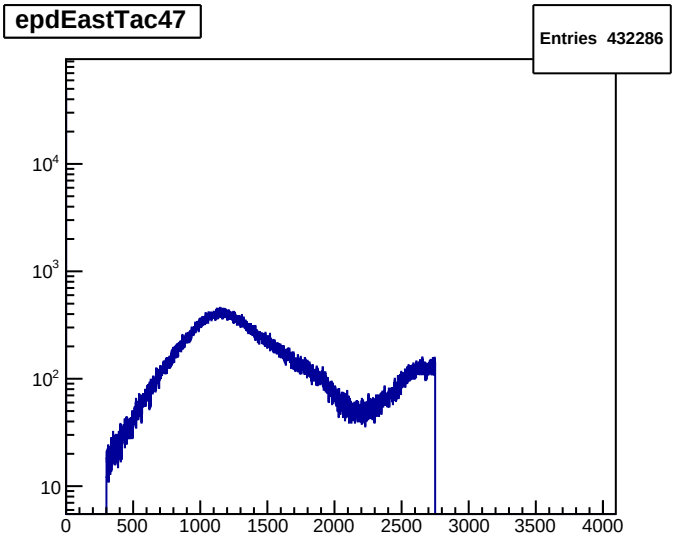

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

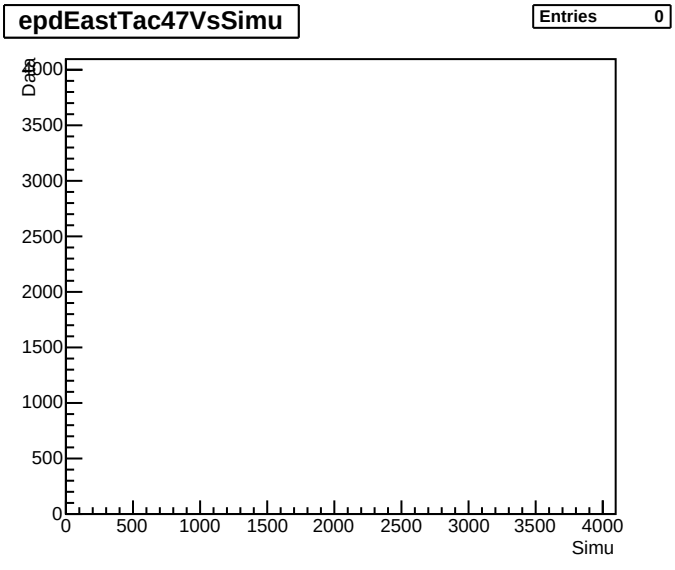

epdWestTHits
Entries 3458288
Truncated NHits
DSMInput Channel

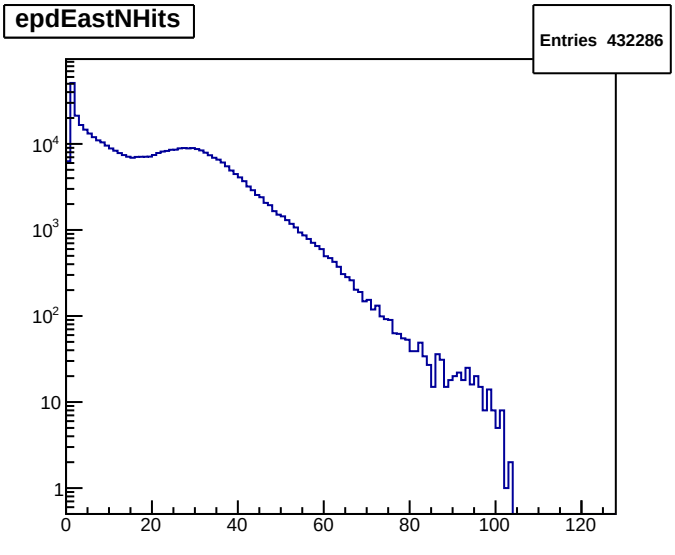

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

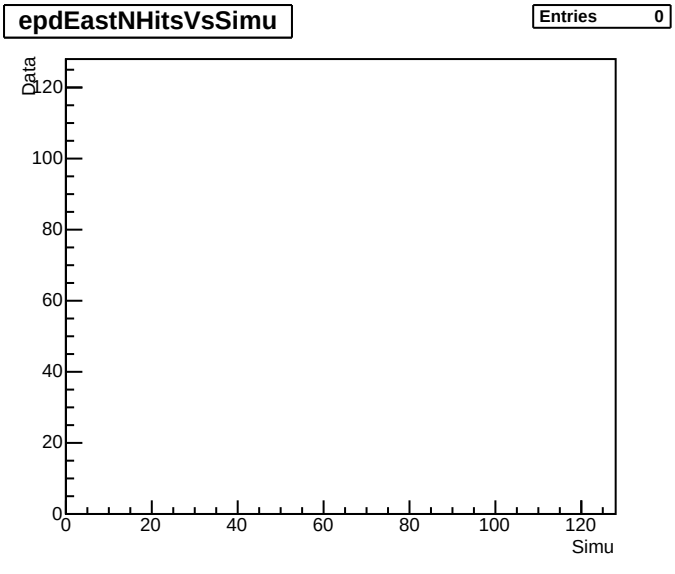

epdEastTac03
Entries 432286

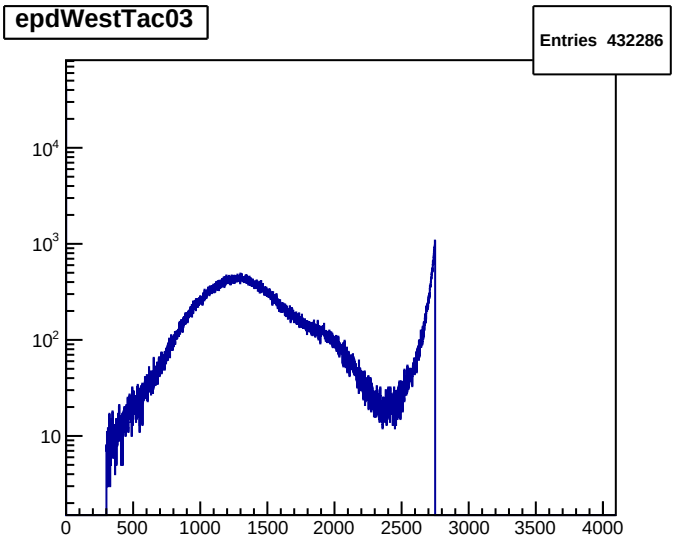

epdEastTac03VsSimu
Entries 0
Data
Simu

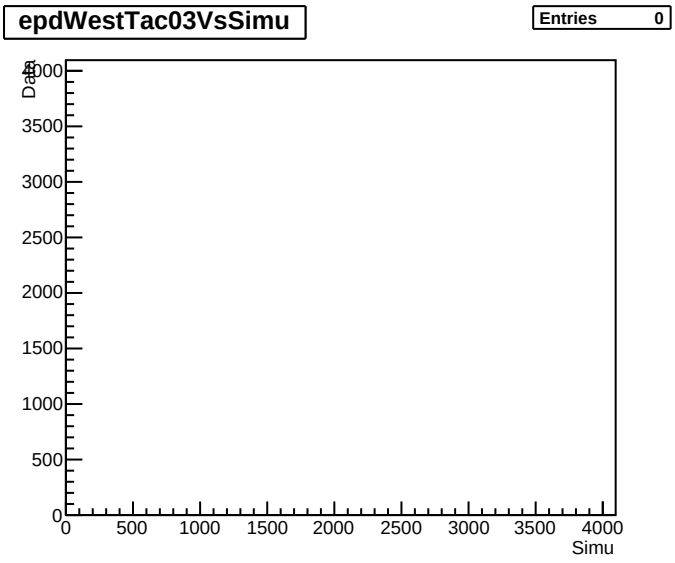

epdEastTac47
Entries 432286

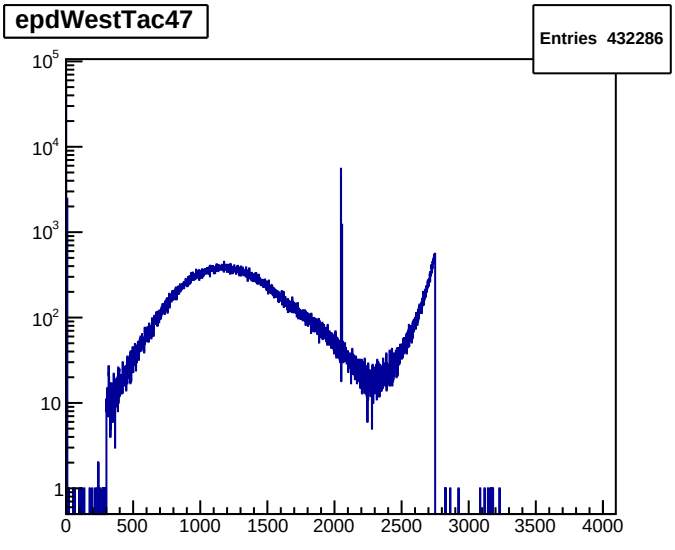

epdEastTac47VsSimu
Entries 0
Data
Simu

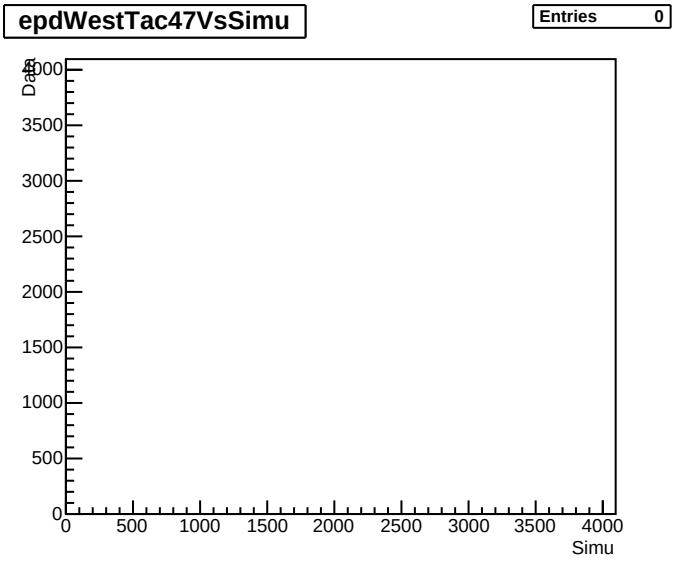

epdEastNHits
Entries 432286

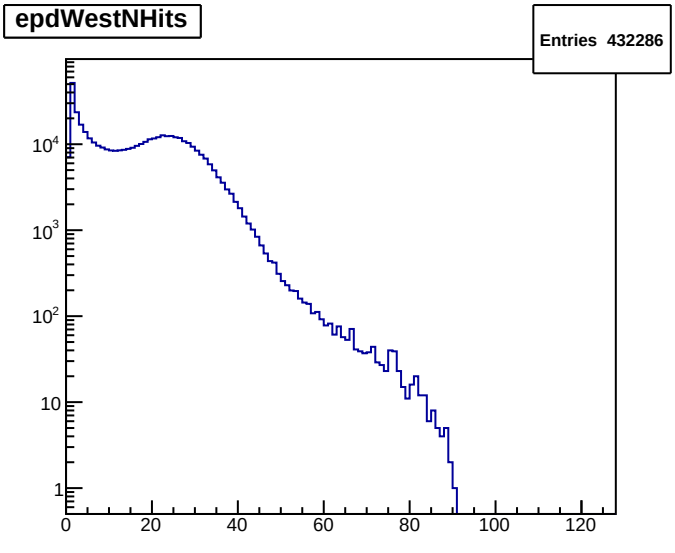

epdEastNHitsVsSimu
Entries 0
Data
Simu

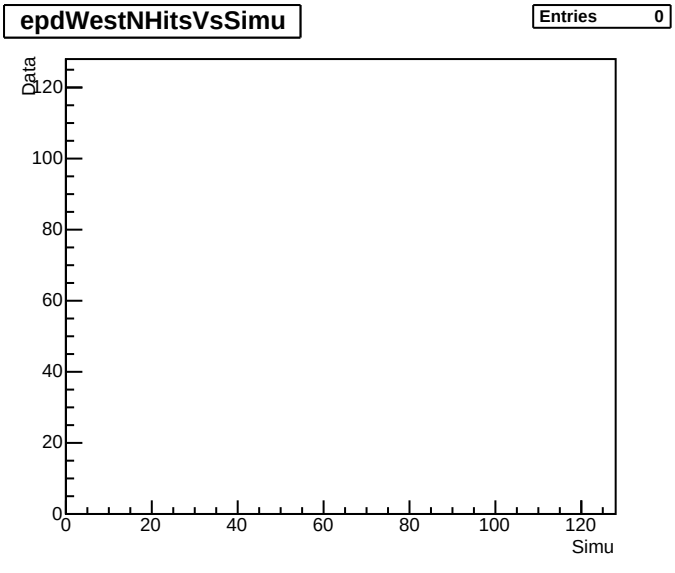

epdWestTac03
Entries 432286

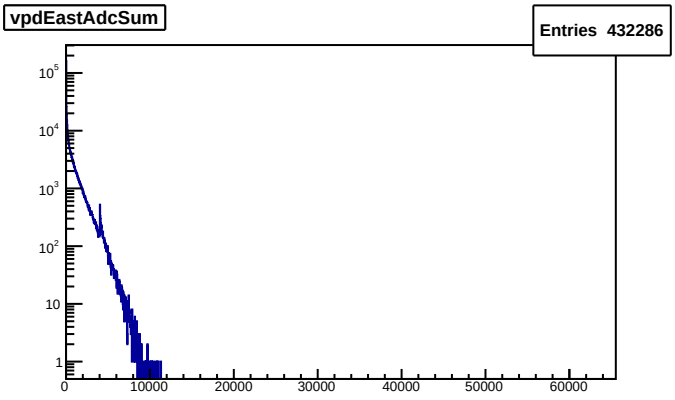

epdWestTac03VsSimu
Entries 0
Data
Simu

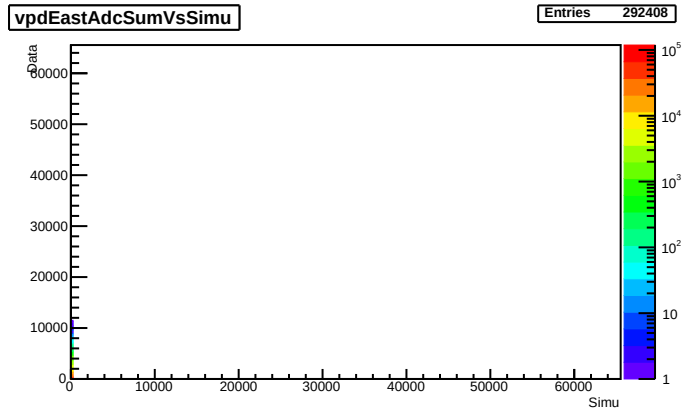

epdWestTac47
Entries 432286

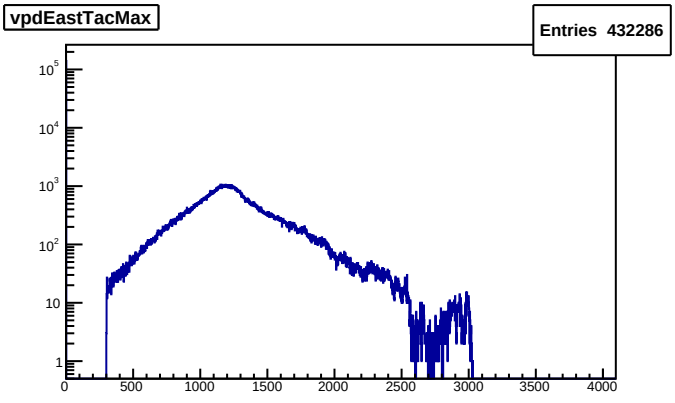

epdWestTac47VsSimu
Entries 0
Data
Simu

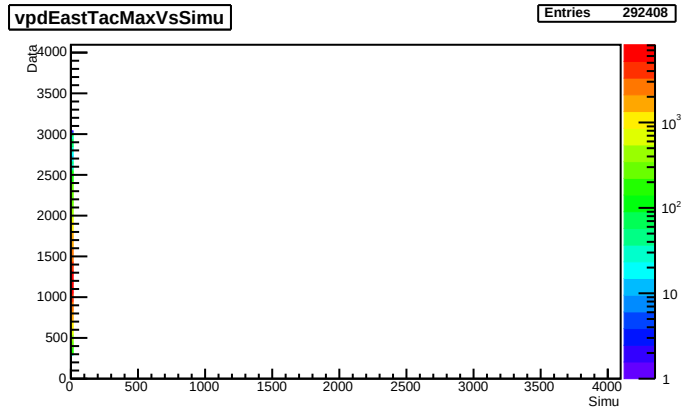

epdWestNHits
Entries 432286

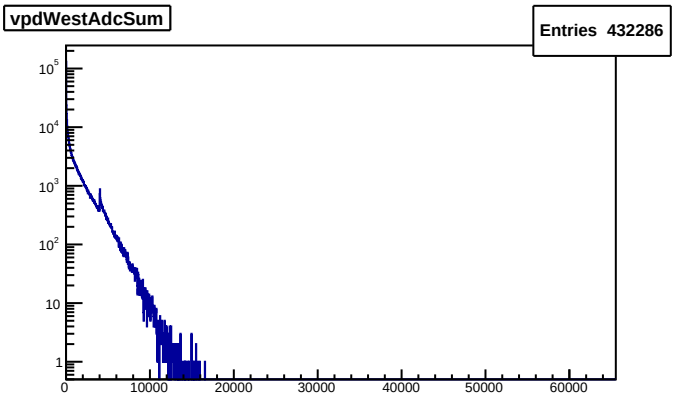

epdWestNHitsVsSimu
Entries 0
Data
Simu

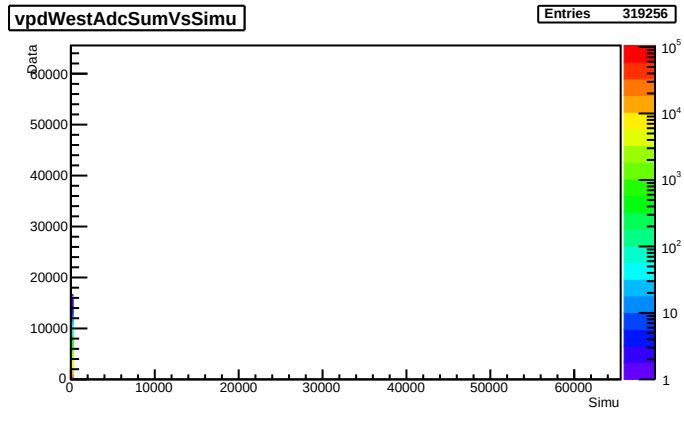

vpdEastAdcSum
Entries 432286

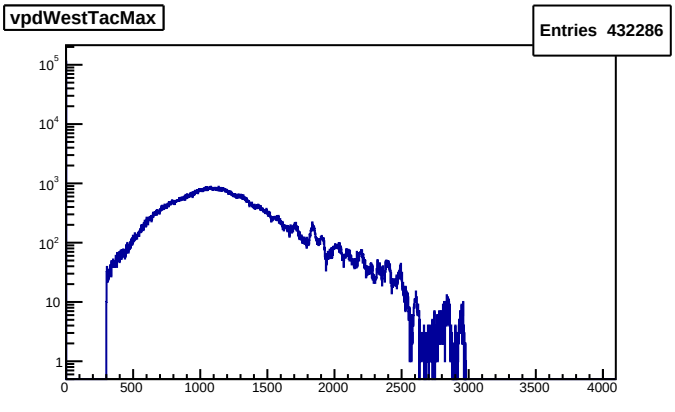

vpdEastAdcSumVsSimu
Entries 292408
Data
Simu

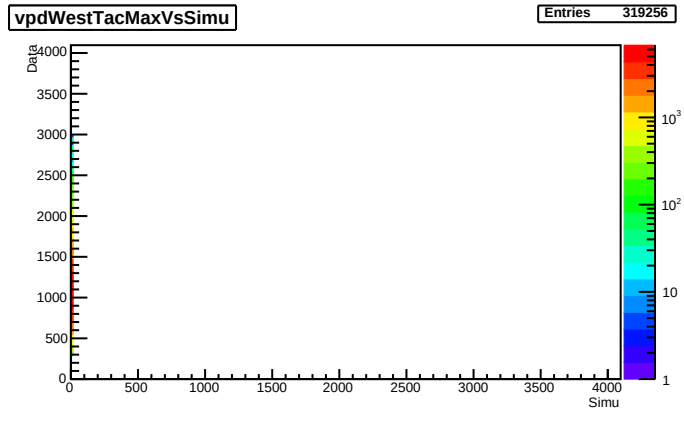

vpdEastTacMax
Entries 432286

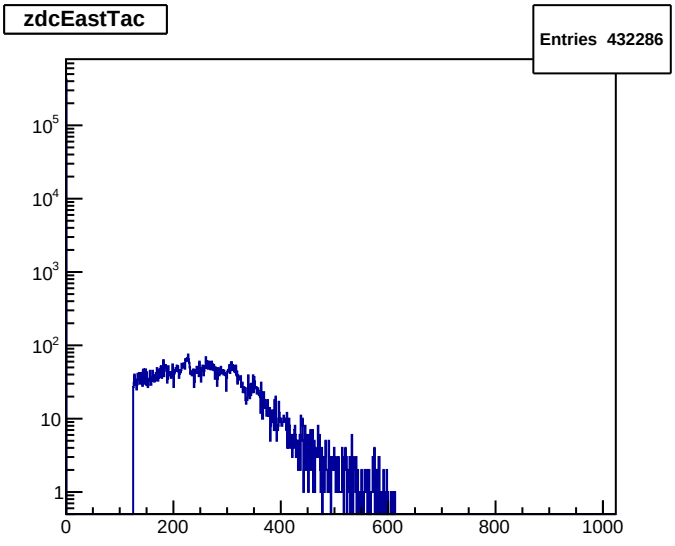

vpdEastTacMaxVsSimu
Entries 292408
Data
Simu

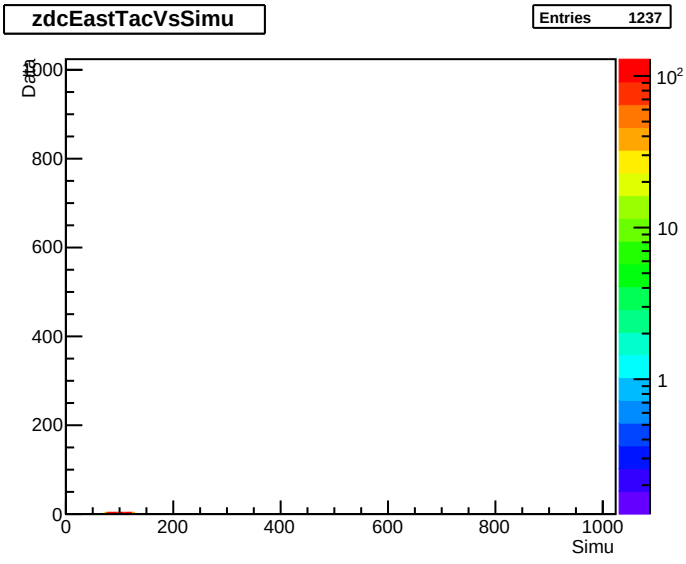

vpdWestAdcSum
Entries 432286

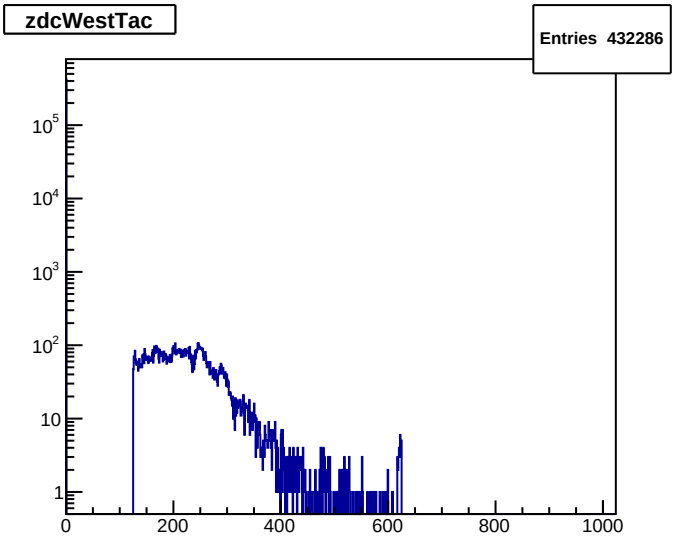

vpdWestAdcSumVsSimu
Entries 319256
Data
Simu

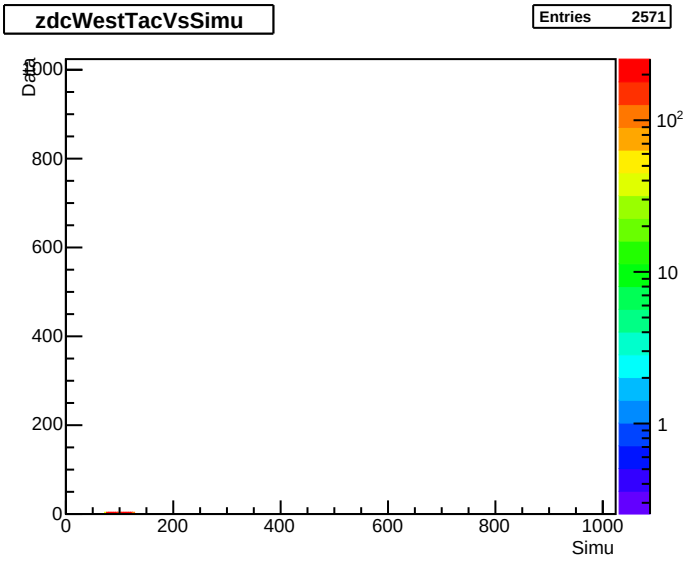

vpdWestTacMax
Entries 432286

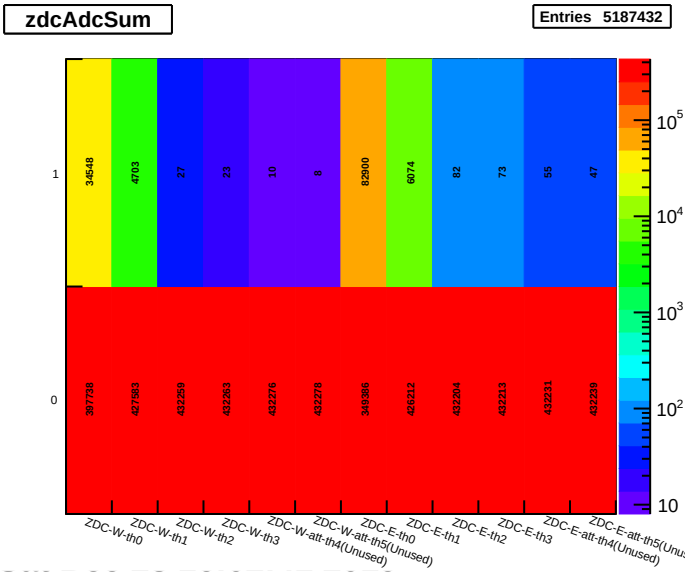

vpdWestTacMaxVsSimu
Entries 319256
Data
Simu

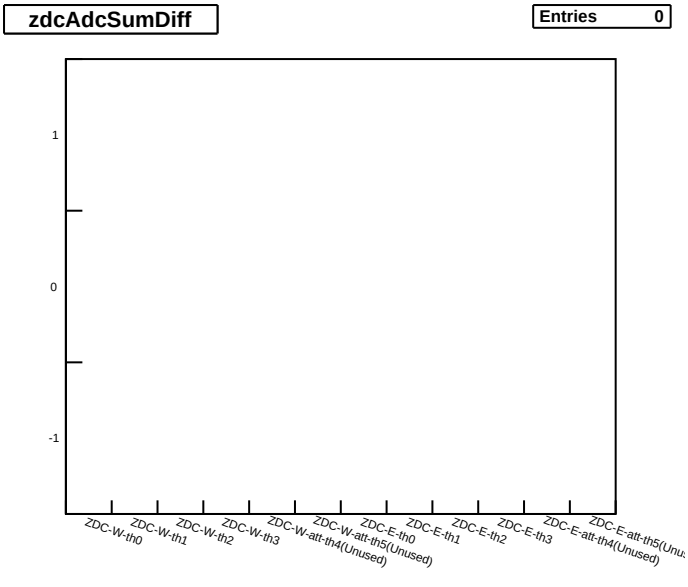

zdcEastTac
Entries 432286

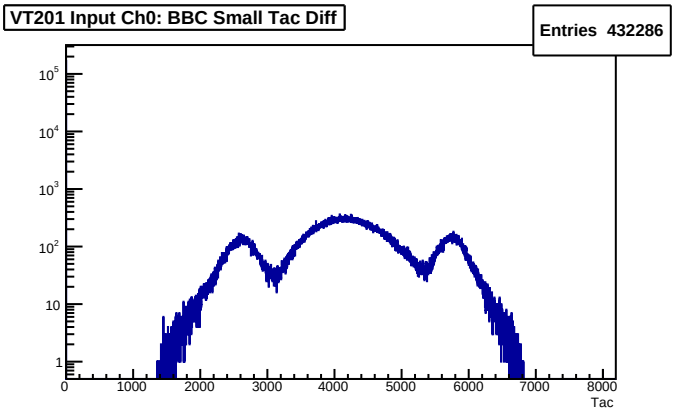

zdcEastTacVsSimu
Entries 1237
Data
Simu

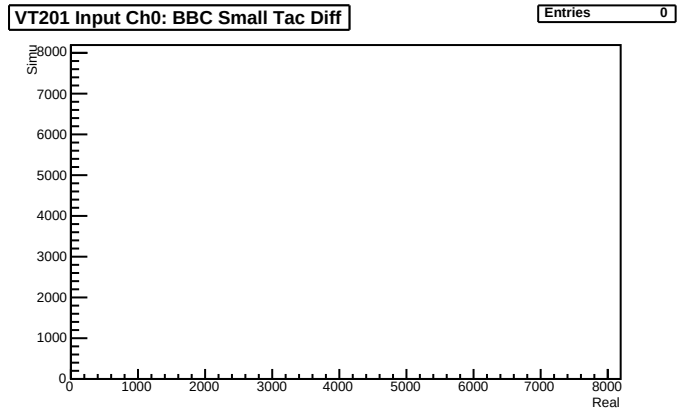

zdcWestTac
Entries 432286

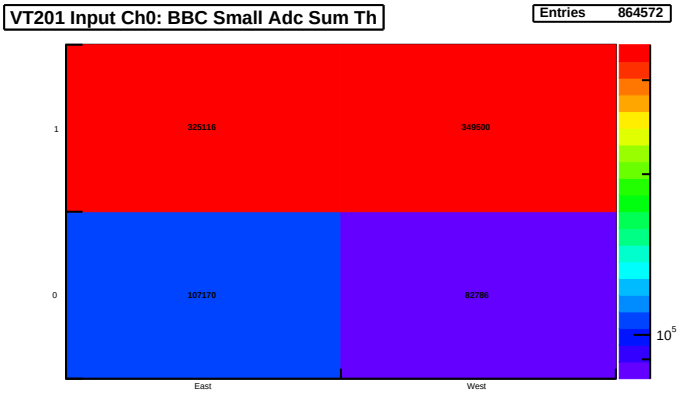

zdcWestTacVsSimu
Entries 2571
Data
Simu

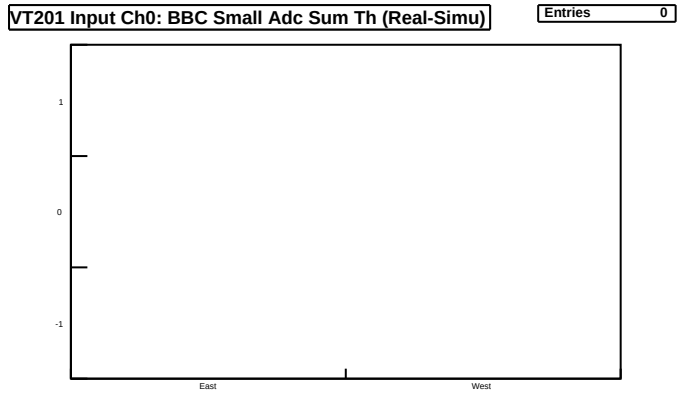

zdcAdcSum
Entries 5187432
34548
4703
27
23
10
8
82900
6074
82
73
55
47
397738
427583
432259
432263
432276
432278
349386
426212
432204
432213
432231
432239
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

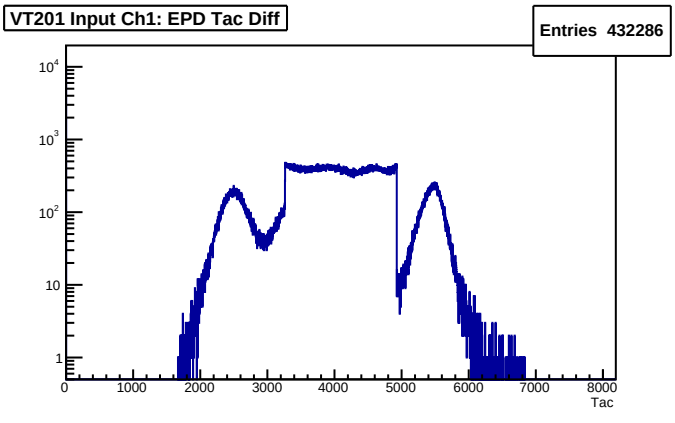

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

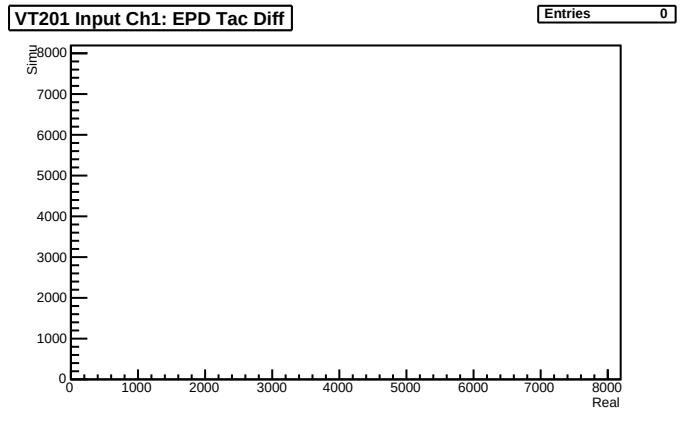

VT201 Input Ch0: BBC Small Tac Diff
Entries 432286
Tac

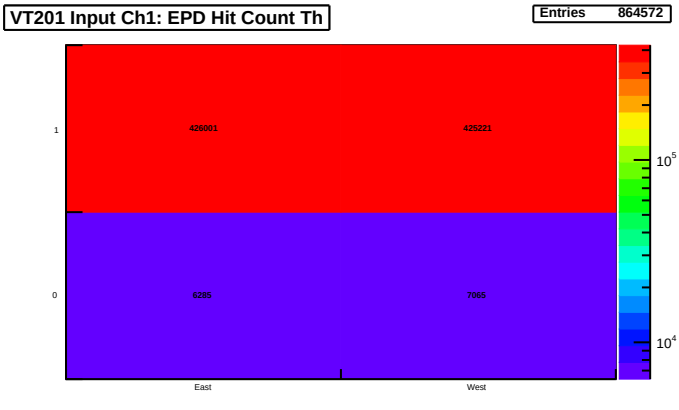

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

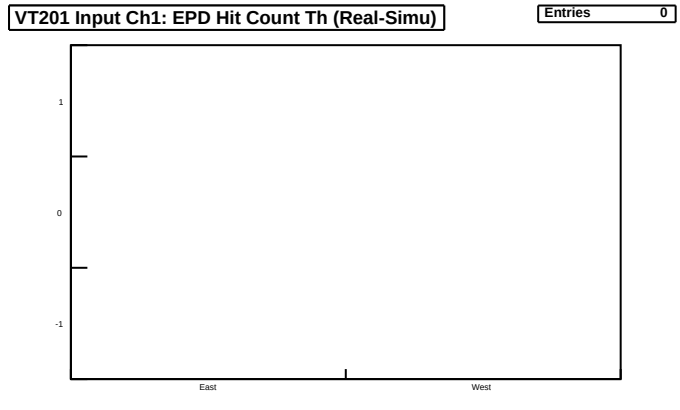

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 864572
325116
349500
107170
82786
East
West

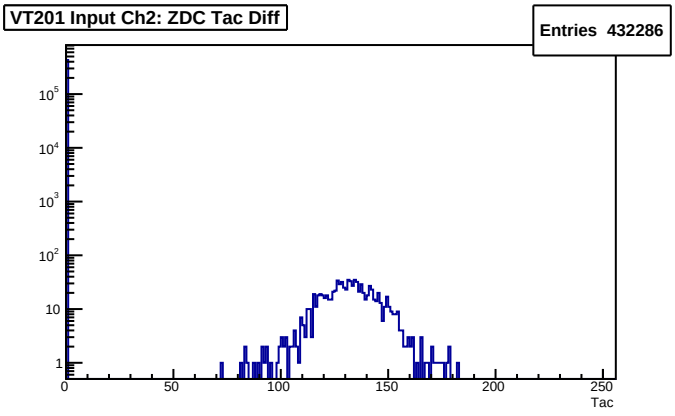

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

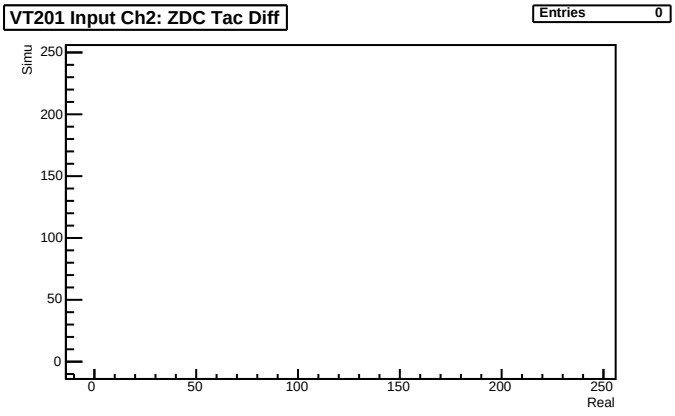

VT201 Input Ch1: EPD Tac Diff
Entries 432286
Tac

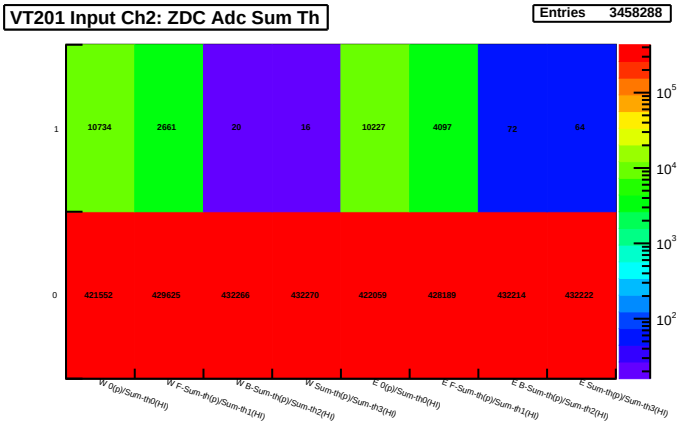

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

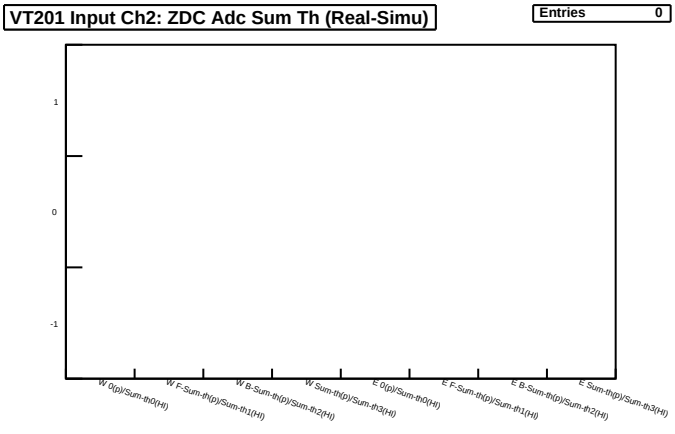

VT201 Input Ch1: EPD Hit Count Th
Entries 864572
426001
425221
6285
7065
East
West

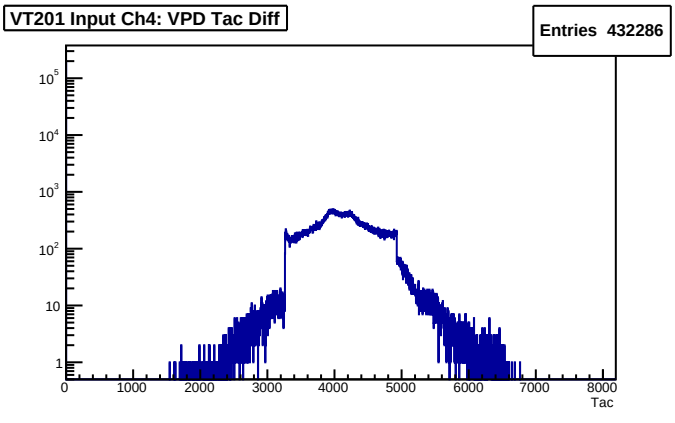

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

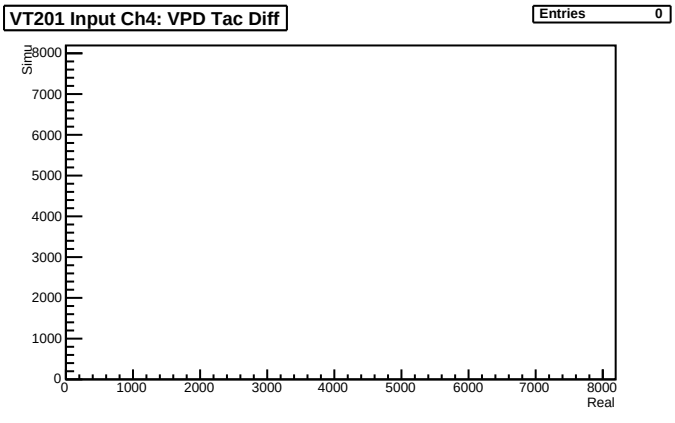

VT201 Input Ch2: ZDC Tac Diff
Entries 432286
Tac

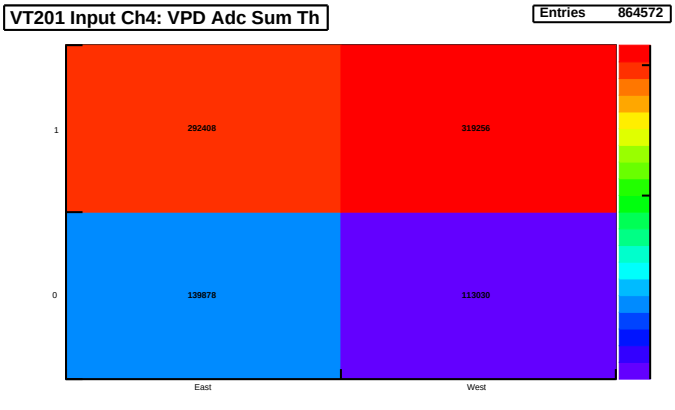

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

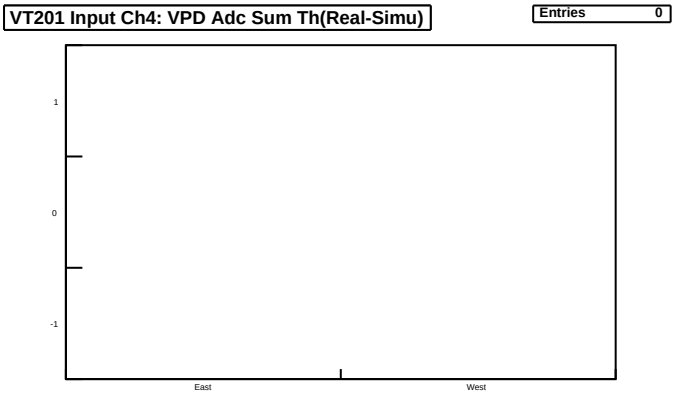

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3458288
10734
2661
20
16
10227
4097
72
64
421552
429625
432266
432270
422059
428189
432214
432222
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

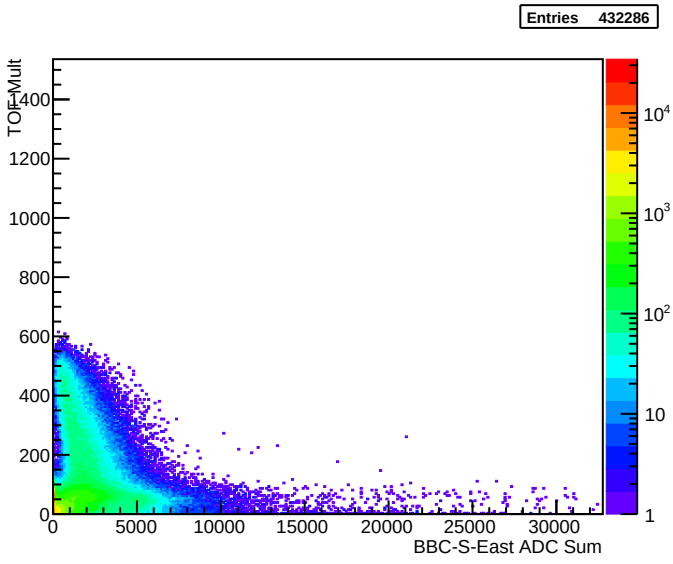

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

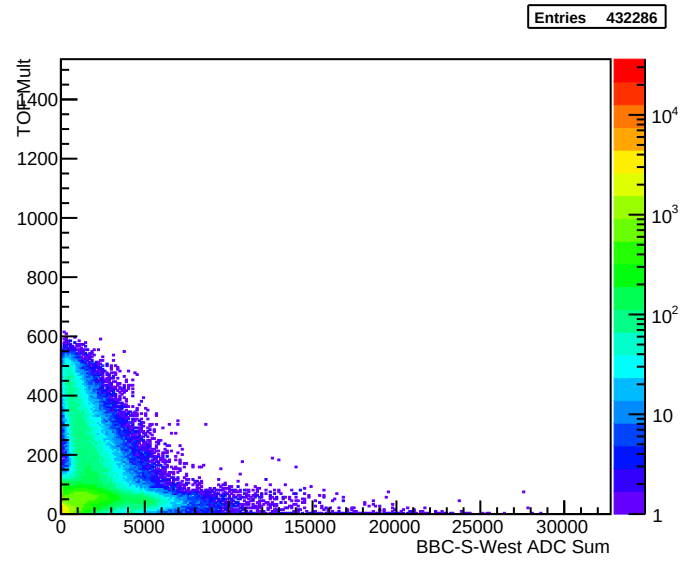

VT201 Input Ch4: VPD Tac Diff
Entries 432286
Tac

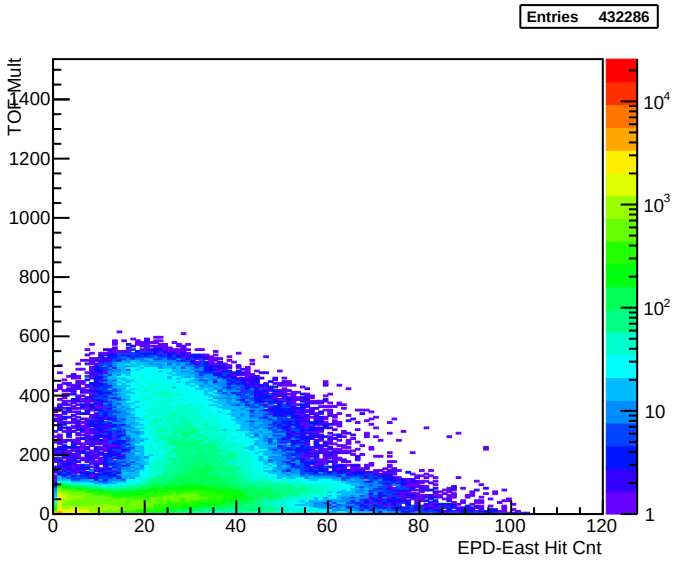

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

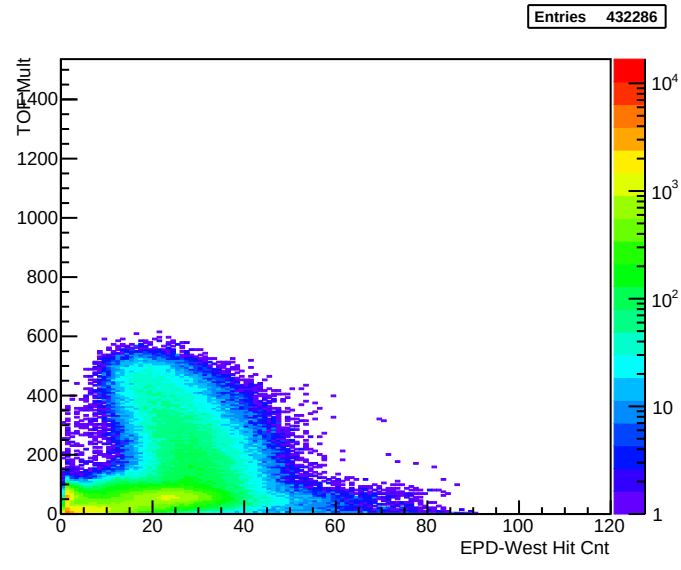

VT201 Input Ch4: VPD Adc Sum Th
Entries 864572
292408
319256
139878
113030
East
West

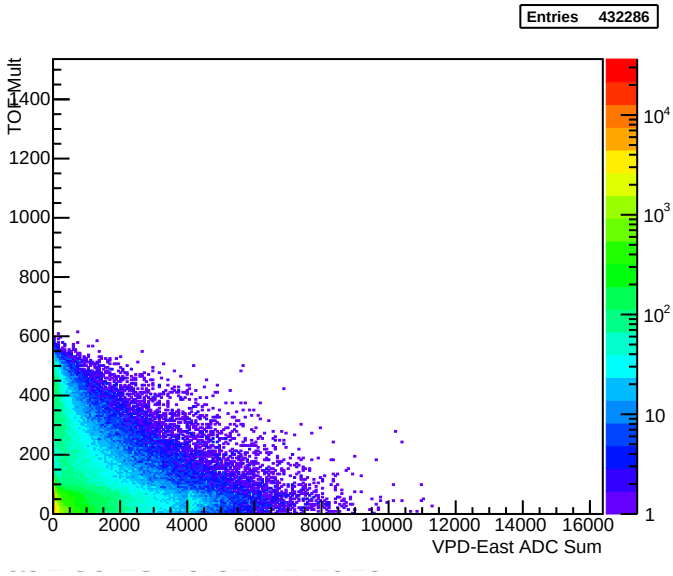

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

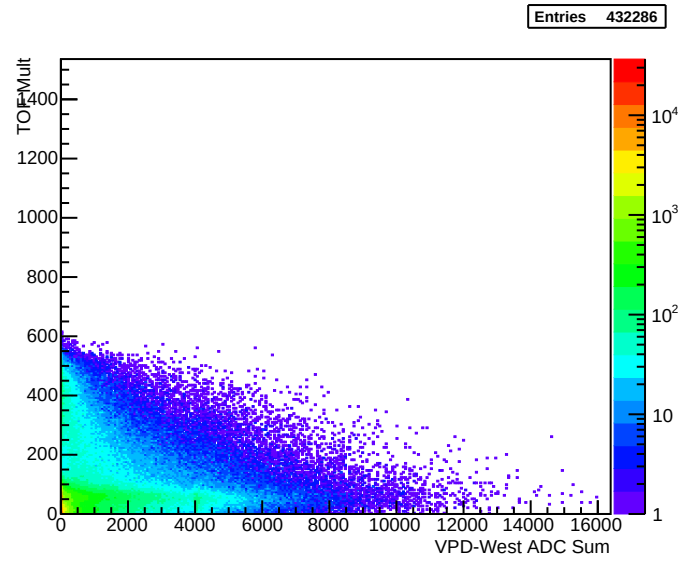

Entries 432286
TOF-Mult
BBC-S-East ADC Sum

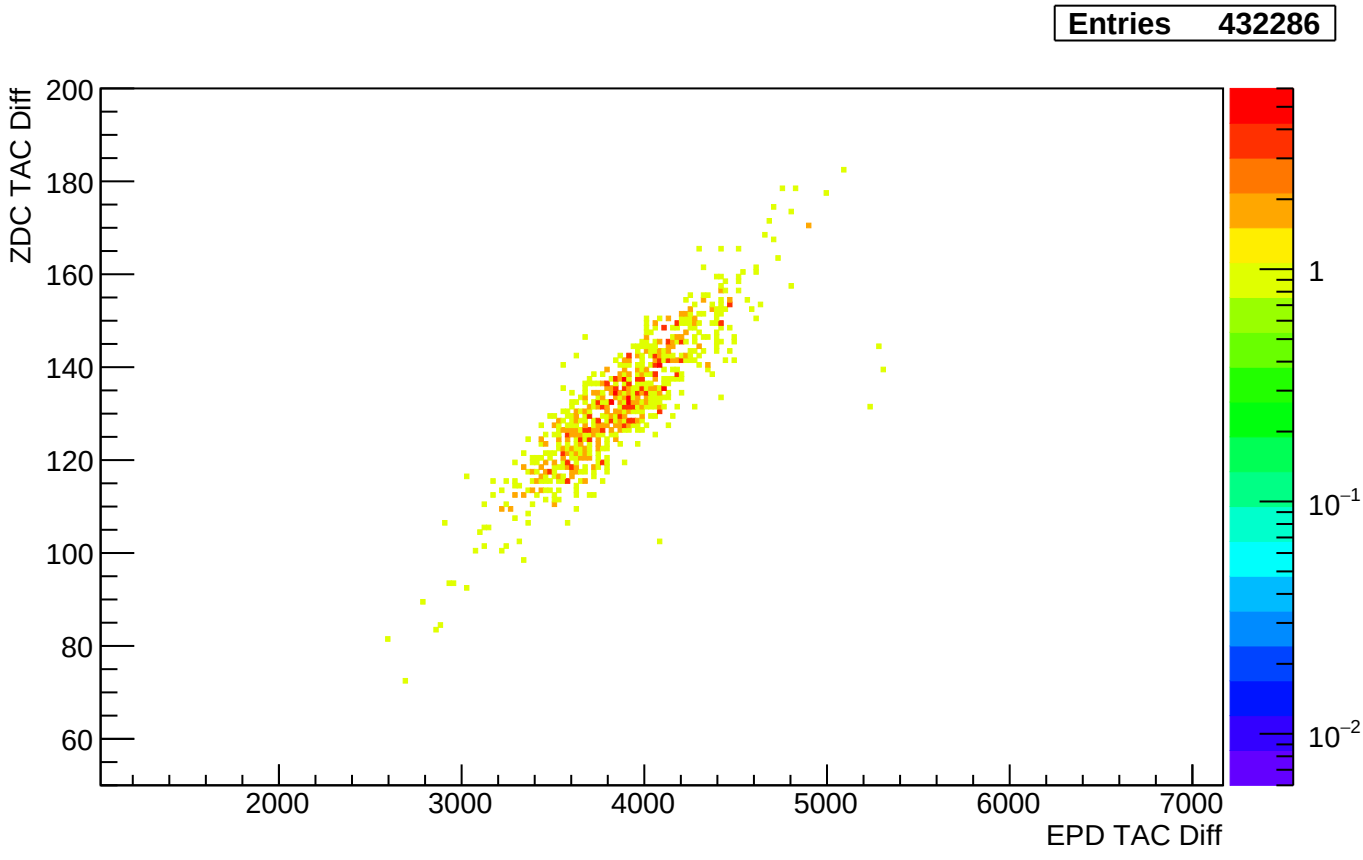

Entries 432286
TOF-Mult
BBC-S-West ADC Sum

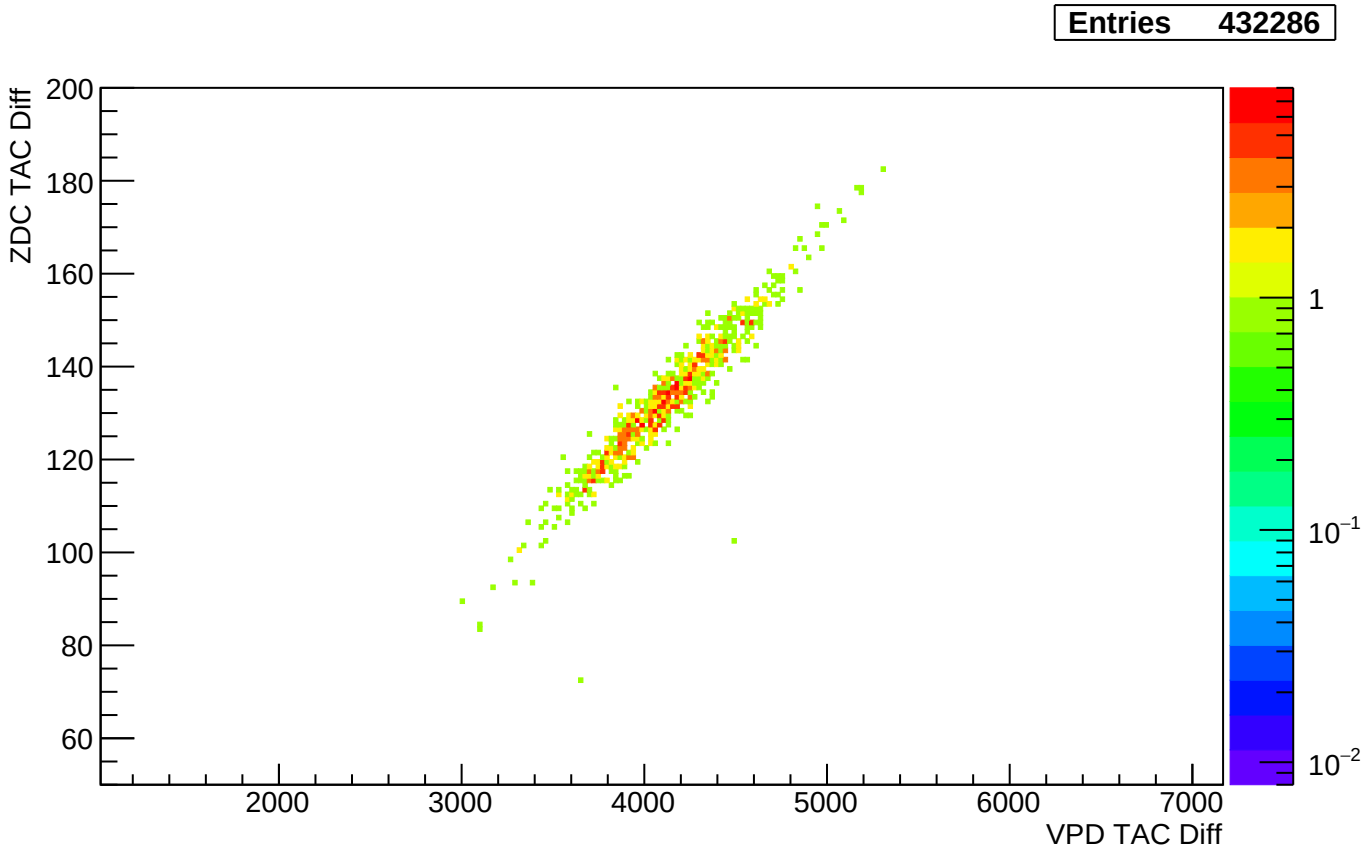

Entries 432286
TOF-Mult
EPD-East Hit Cnt

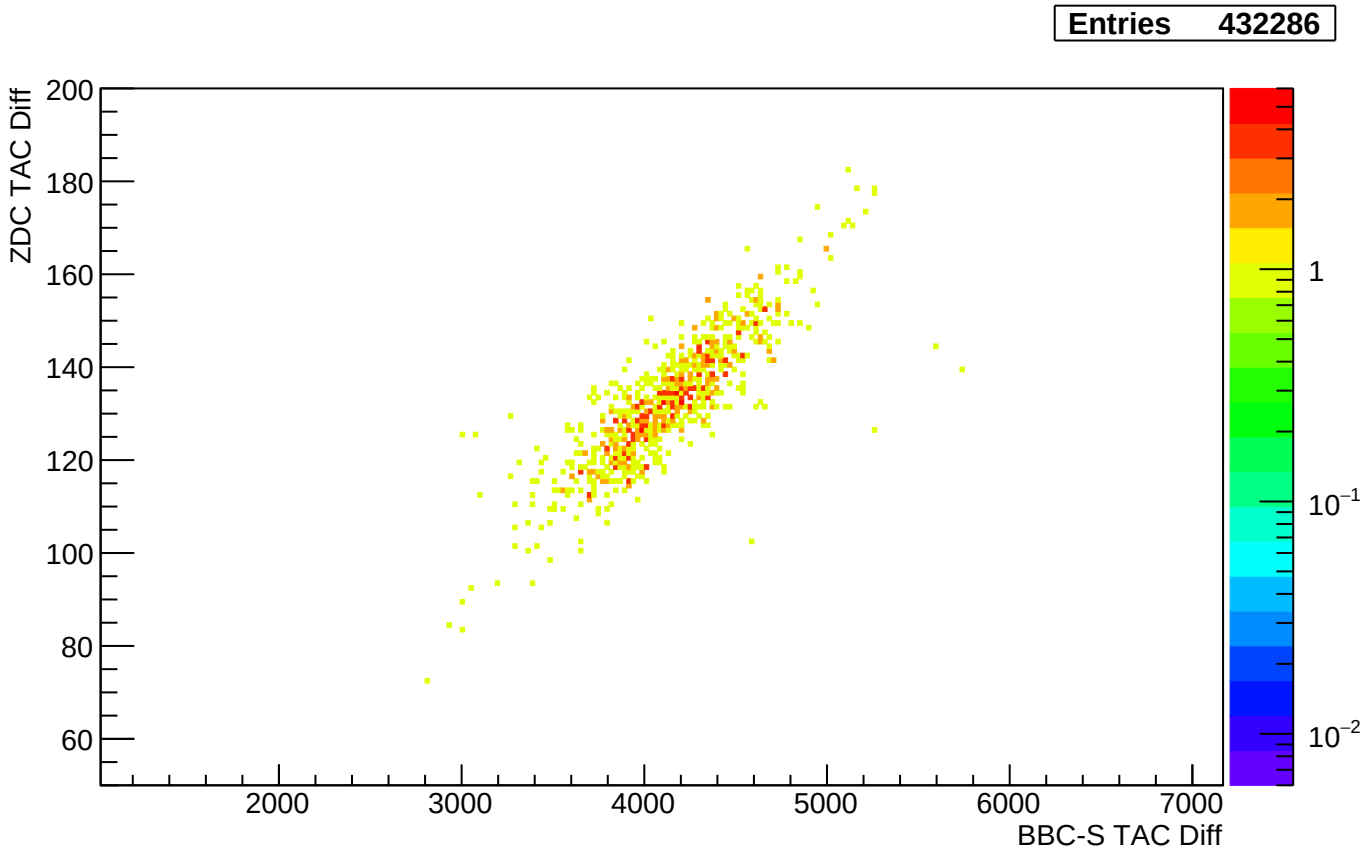

Entries 432286
TOF-Mult
EPD-West Hit Cnt

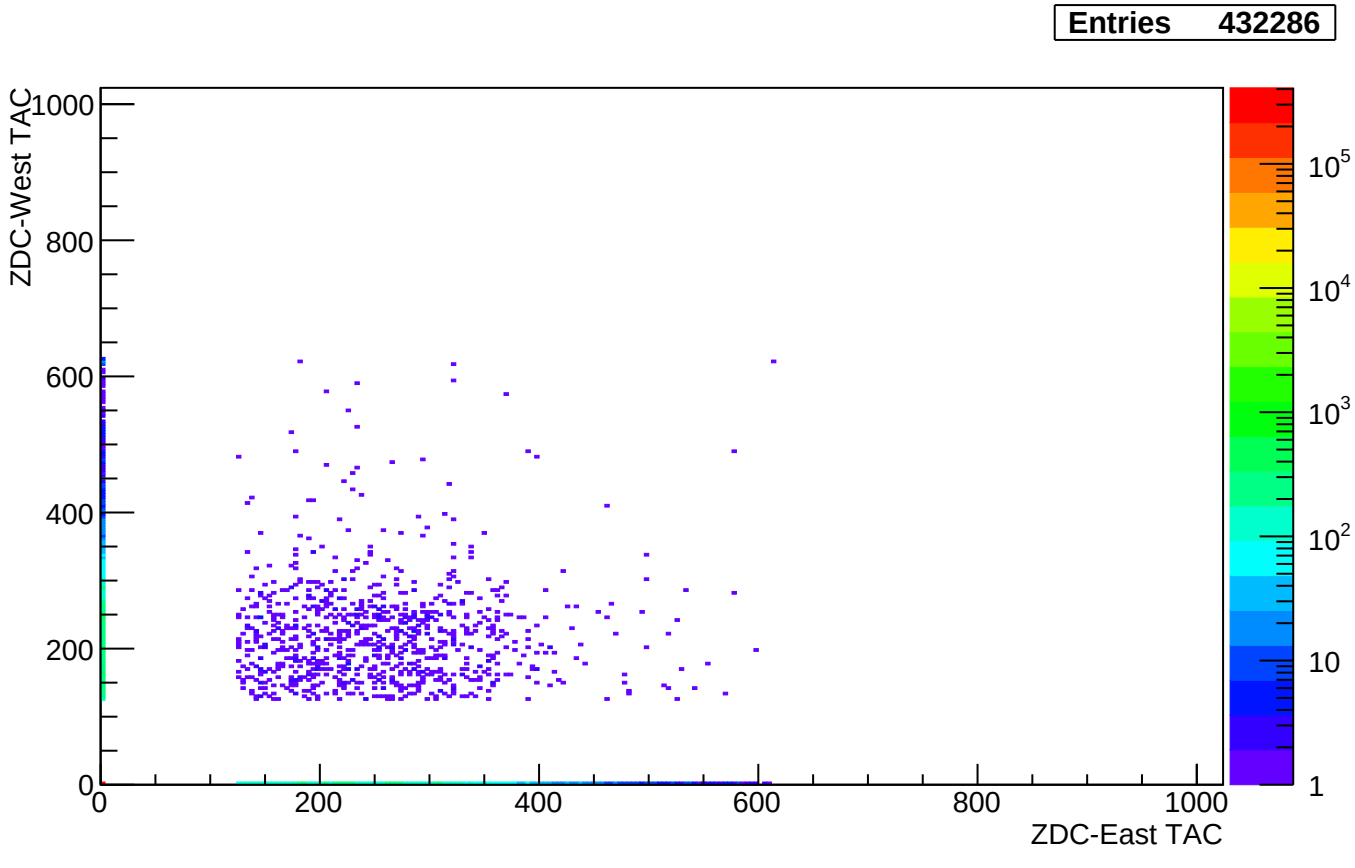

Entries 432286
TOF-Mult
VPD-East ADC Sum

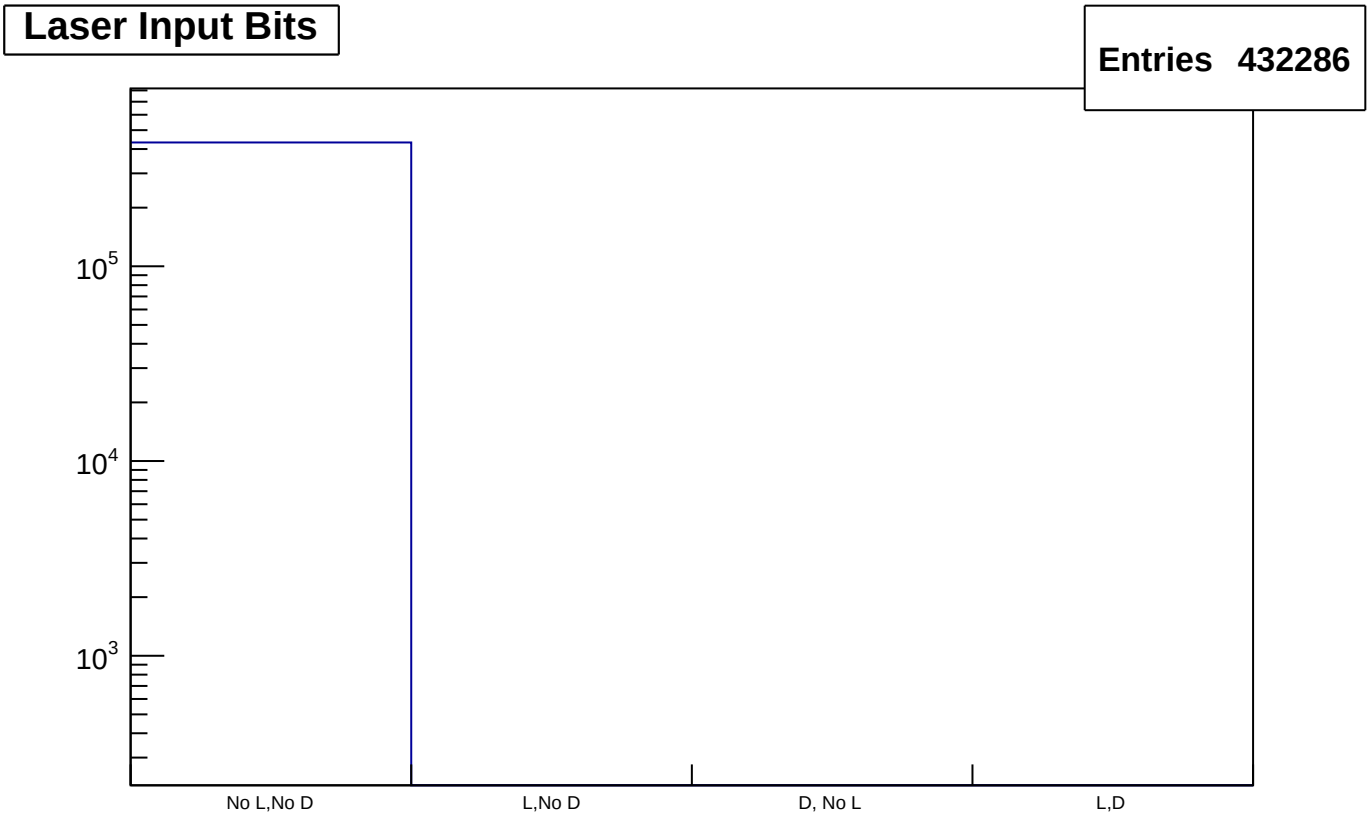

Entries 432286
TOF-Mult
VPD-West ADC Sum

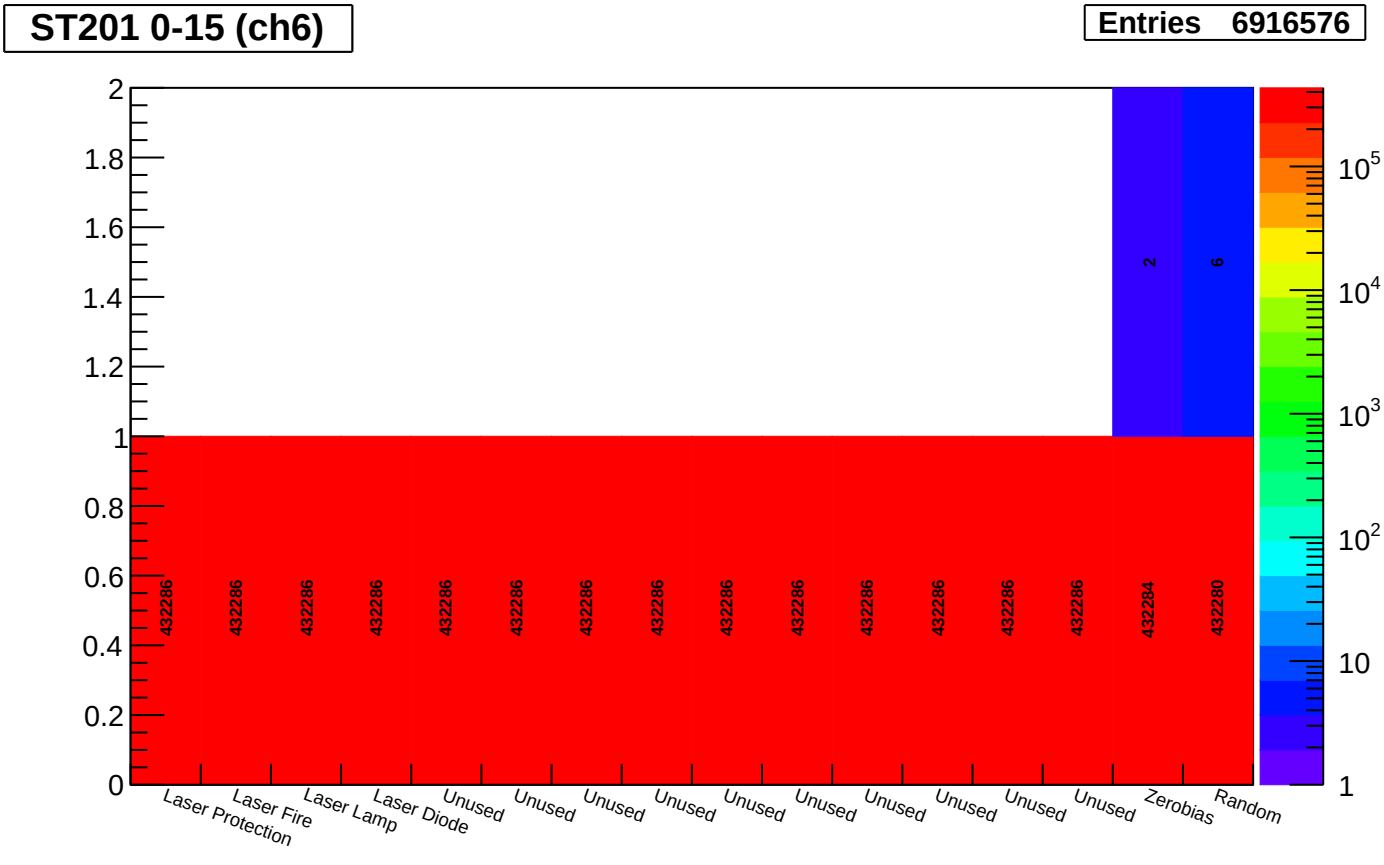

Entries 432286
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

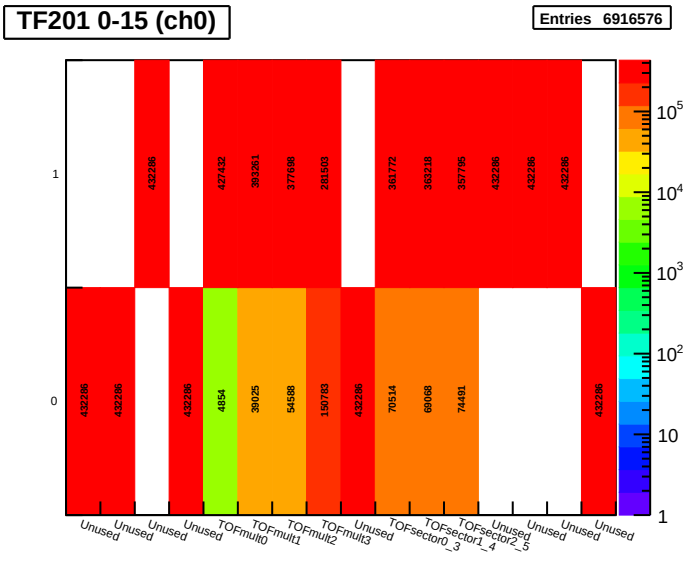

Entries 432286
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

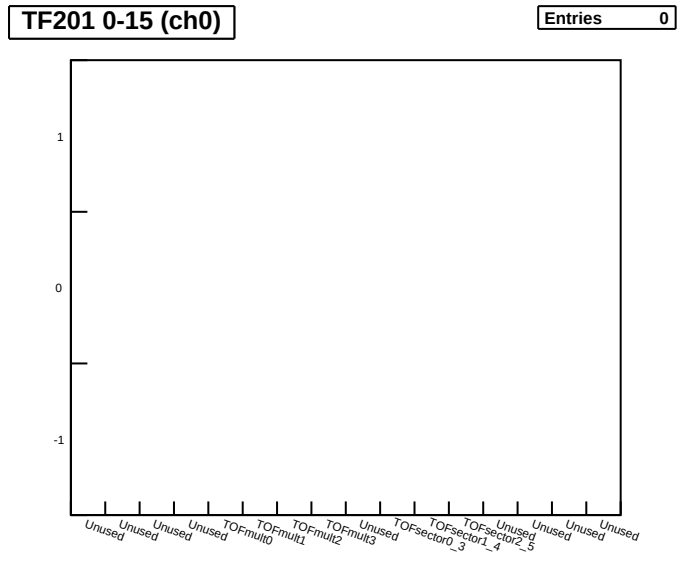

Entries 432286
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

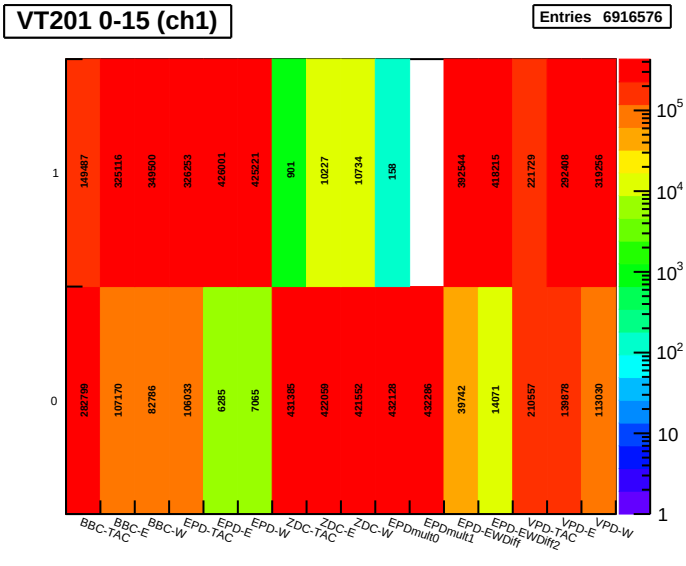

Entries 432286
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

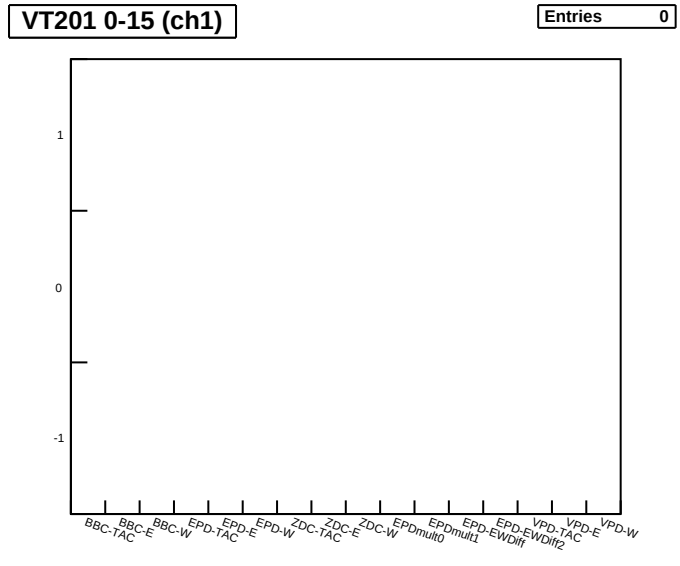

Laser Input Bits
Entries 432286
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

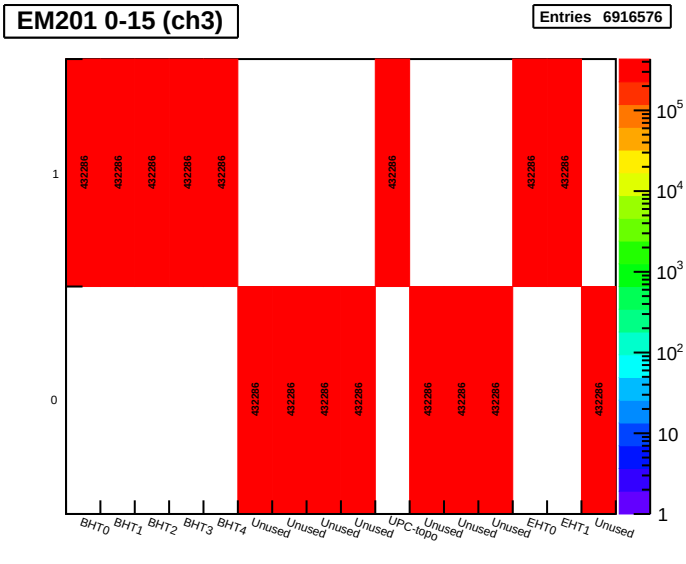

ST201 0-15 (ch6)
Entries 6916576
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
432286
432286
432286
432286
432286
432286
432286
432286
432286
432286
432286
432286
432286
432286
432284
432280
2
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

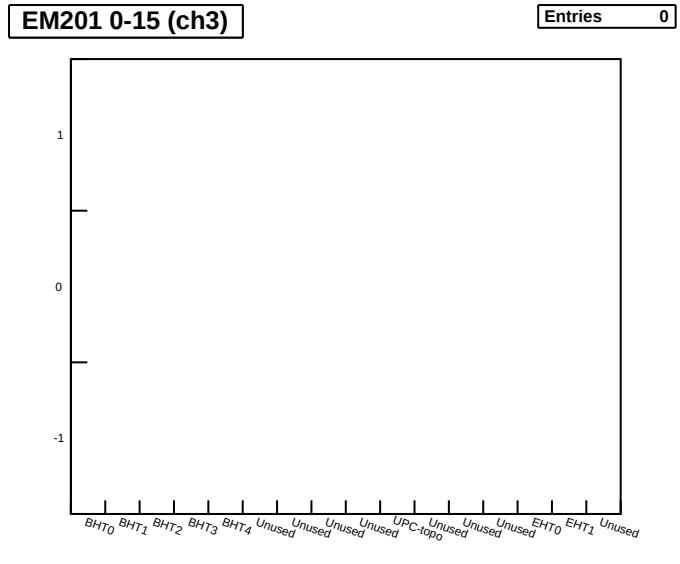

TF201 0-15 (ch0)
Entries 6916576
1
0
432286
427432
393351
377698
281503
361772
353218
357795
432286
432286
432286
432286
432286
432286
4854
39025
54588
150783
432286
70514
69068
74491
432286
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 6916576
1
0
149487
325116
349500
326253
426001
425221
901
10227
10734
158
392544
418215
221729
292408
319256
282799
107170
82786
106033
6285
7065
431385
422059
421552
432128
432286
39742
14071
210557
139878
113030
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 6916576
1
0
432286
432286
432286
432286
432286
432286
432286
432286
432286
432286
432286
432286
432286
432286
432286
432286
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