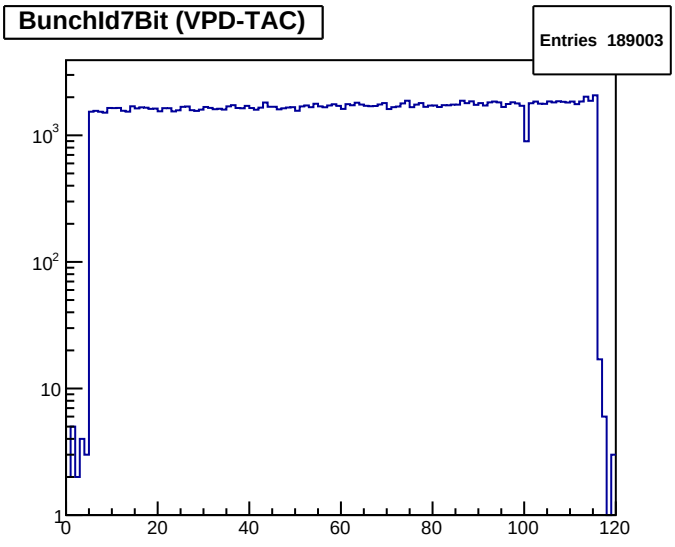
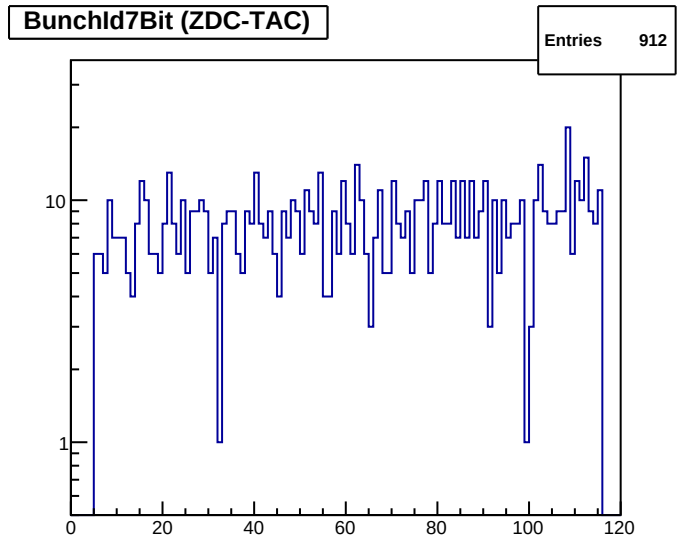
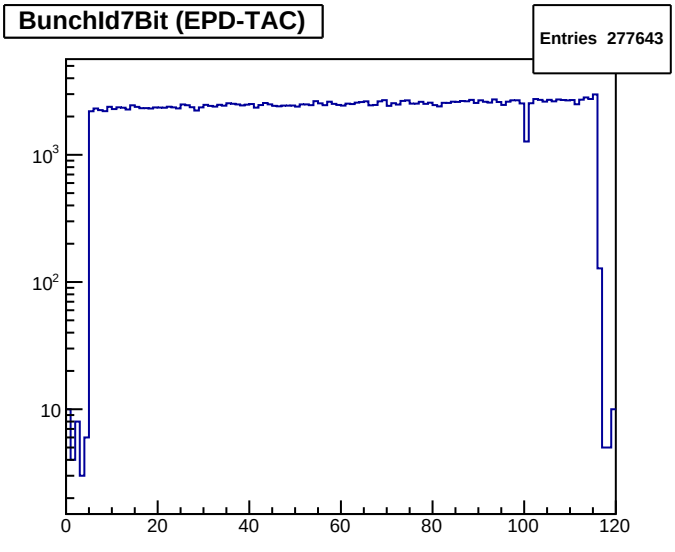
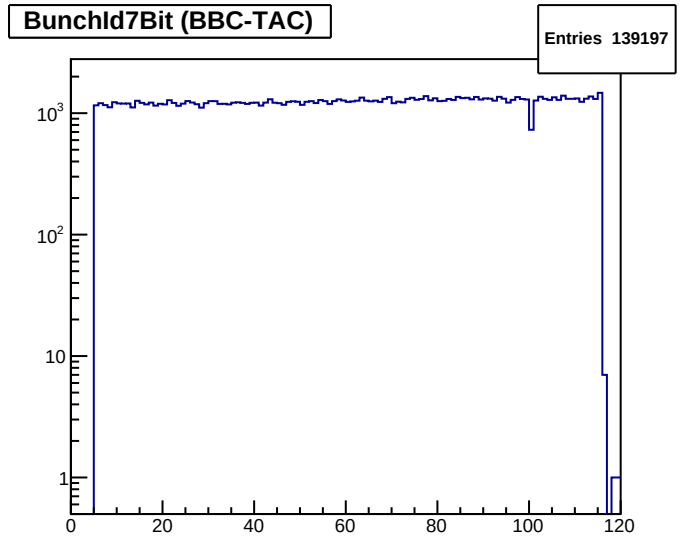
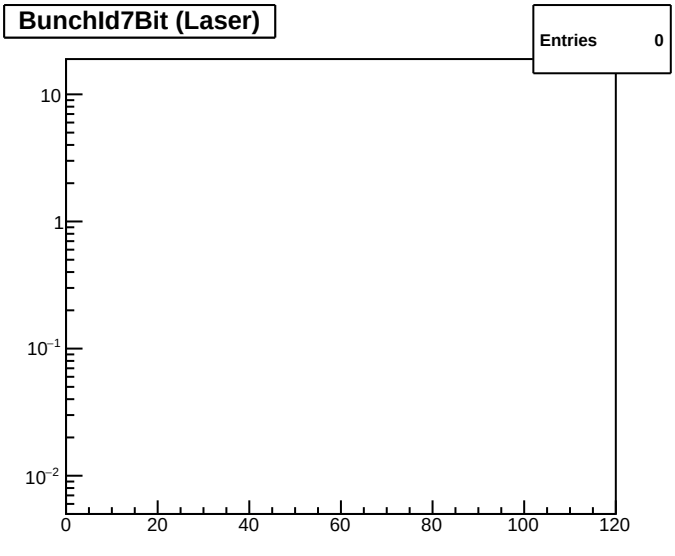
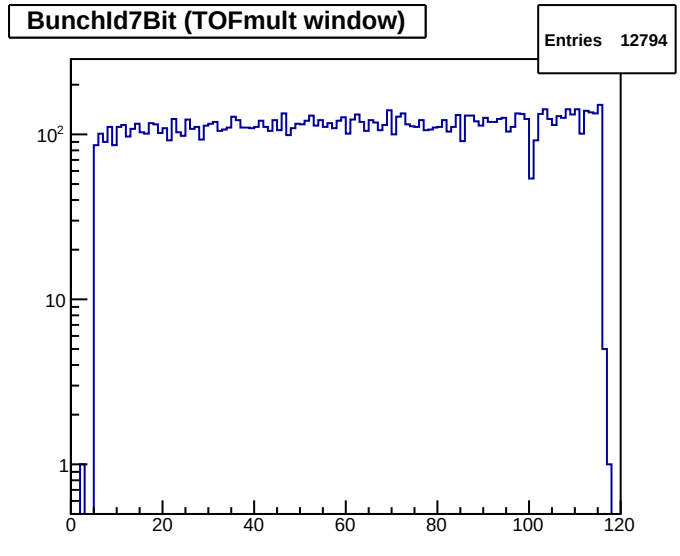

BunchId7Bit (VPD-TAC)
Entries 189003

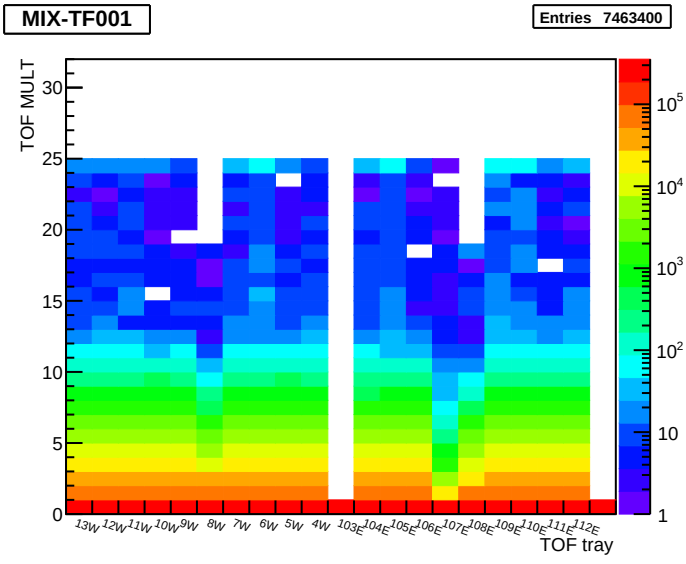

BunchId7Bit (ZDC-TAC)
Entries 912

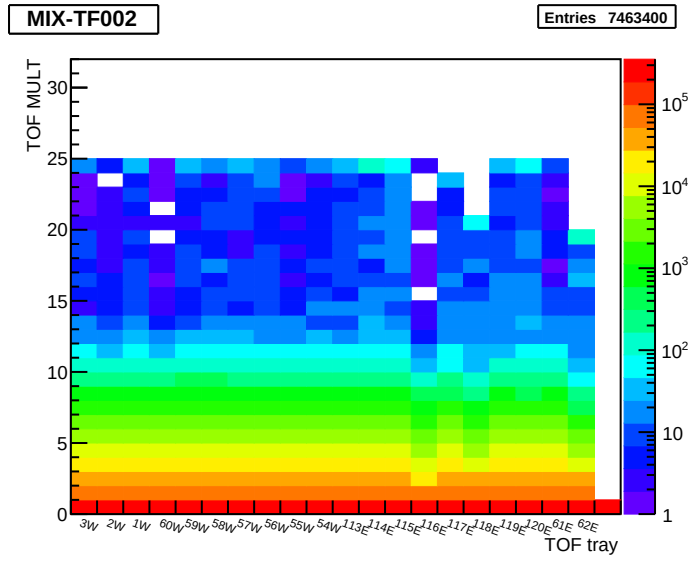

BunchId7Bit (EPD-TAC)
Entries 277643

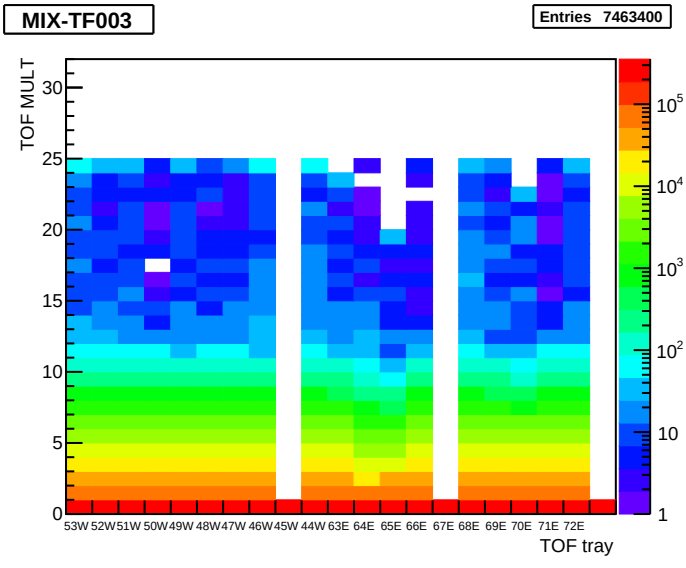

BunchId7Bit (BBC-TAC)
Entries 139197

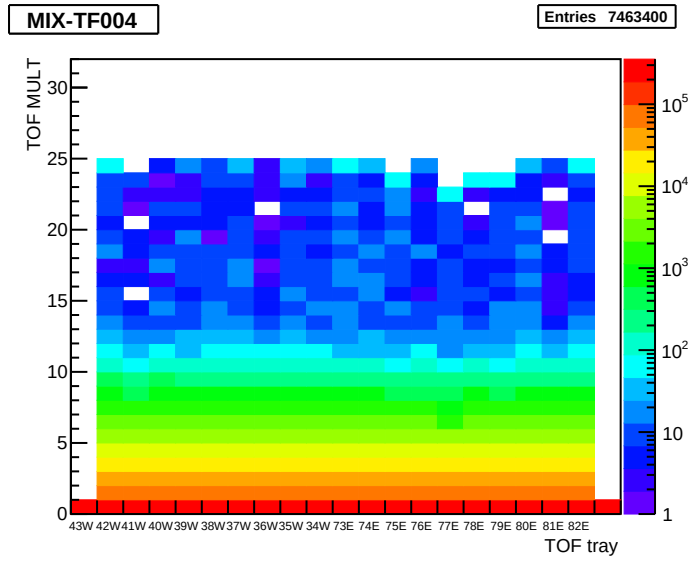

BunchId7Bit (Laser)
Entries 0

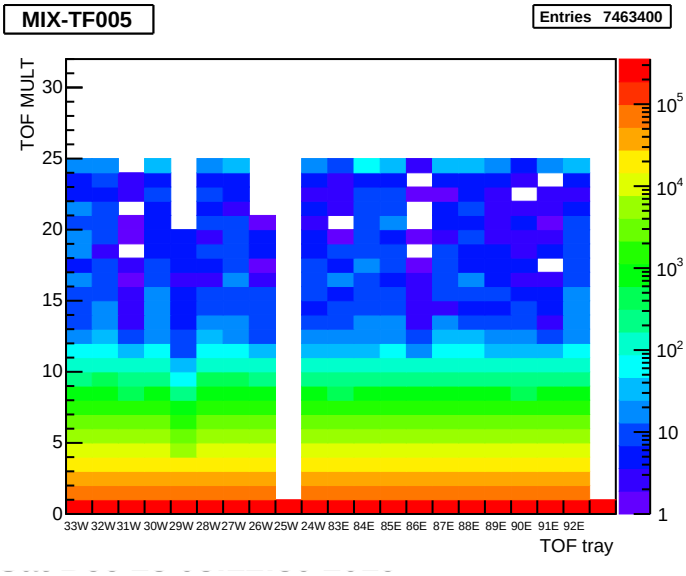

BunchId7Bit (TOFmult window)
Entries 12794

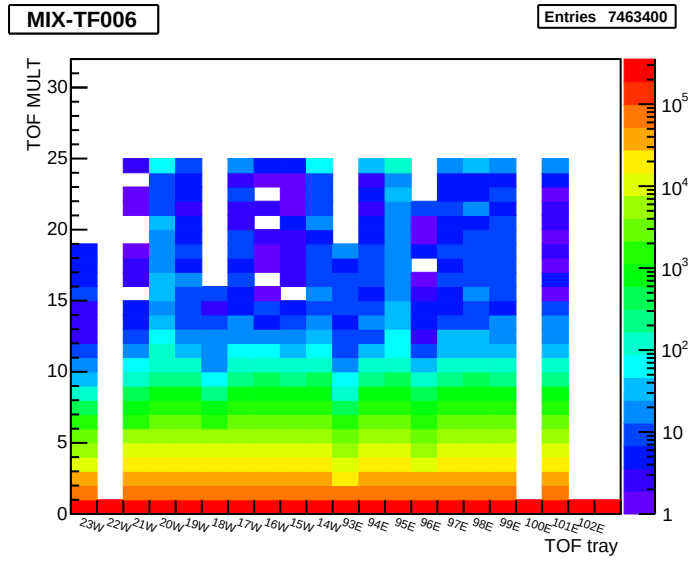

MIX-TF001
Entries 7463400
TOF MULT
TOF tray

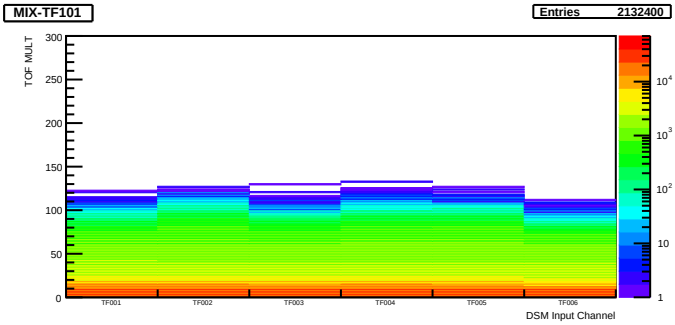

MIX-TF002
Entries 7463400
TOF MULT
TOF tray

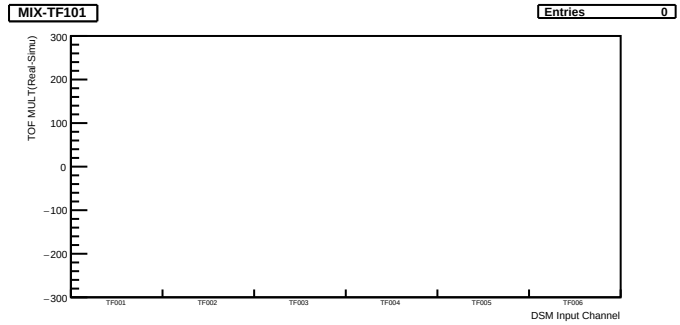

MIX-TF003
Entries 7463400
TOF MULT
TOF tray

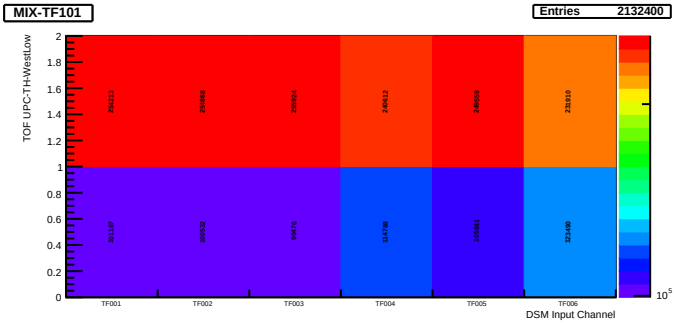

MIX-TF004
Entries 7463400
TOF MULT
TOF tray

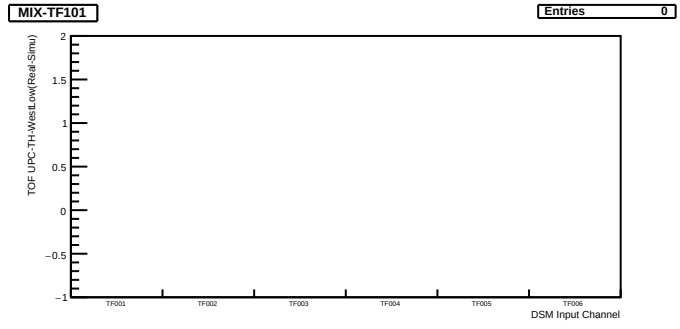

MIX-TF005
Entries 7463400
TOF MULT
TOF tray

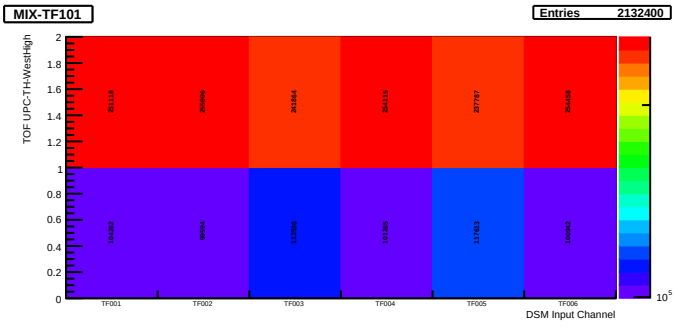

MIX-TF006
Entries 7463400
TOF MULT
TOF tray

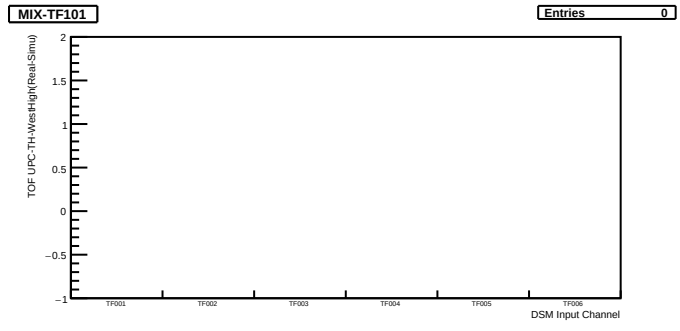

MIX-TF101
Entries 2132400
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

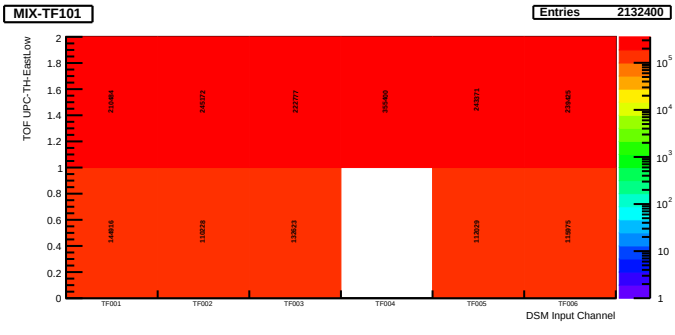

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

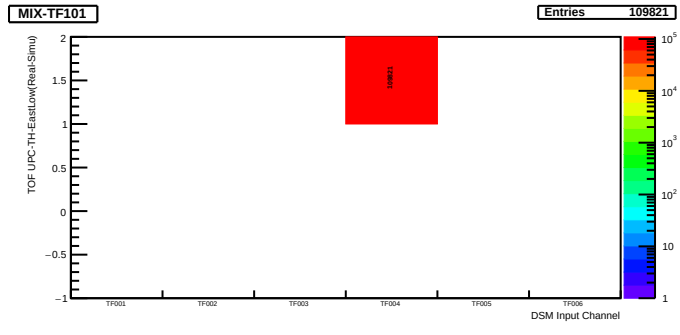

MIX-TF101
Entries 2132400
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

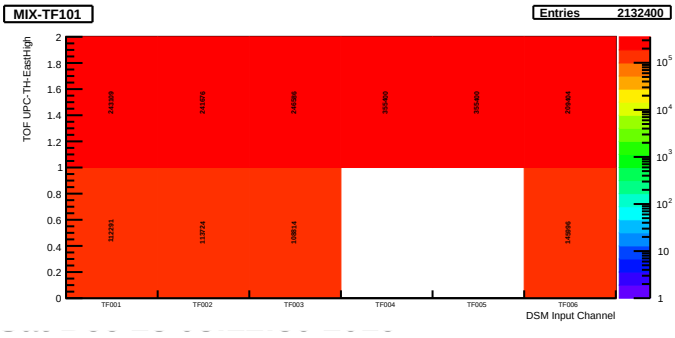

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

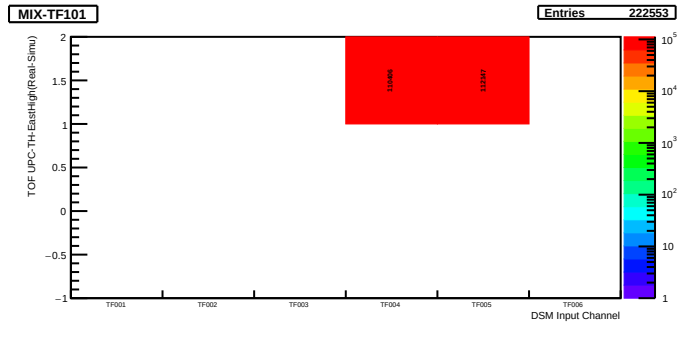

MIX-TF101
Entries 2132400
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

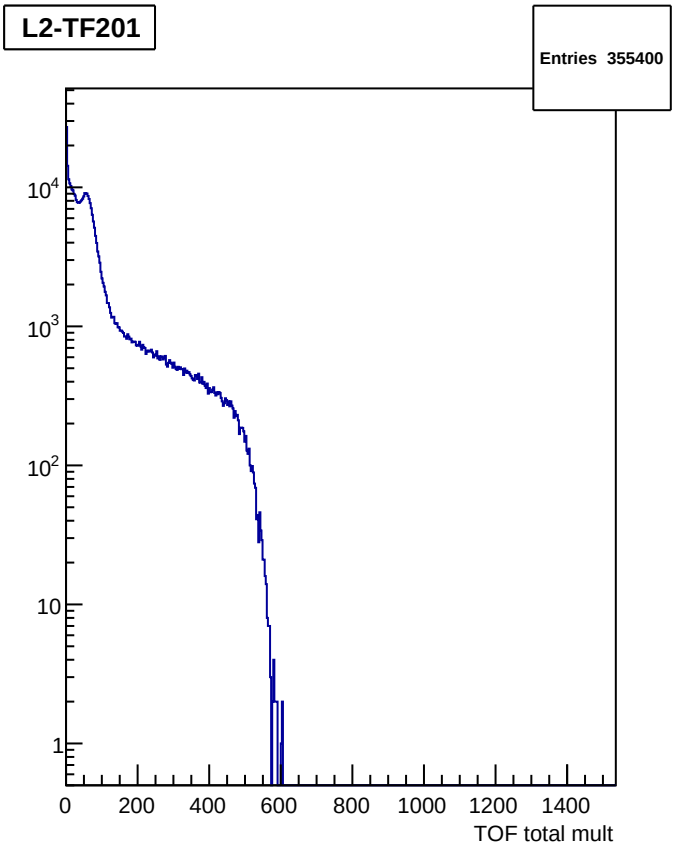

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

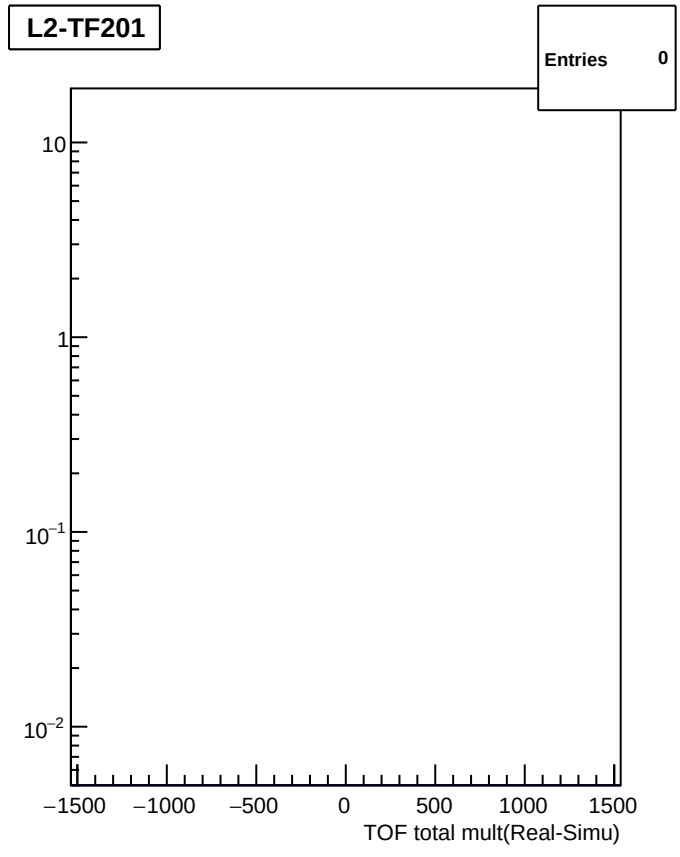

MIX-TF101
Entries 2132400
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

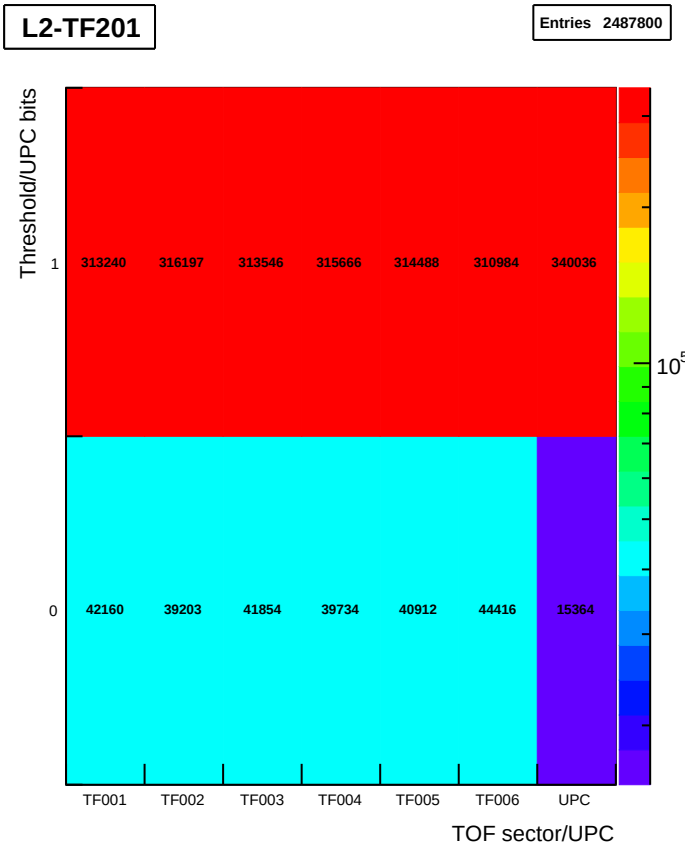

MIX-TF101
Entries 109821
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

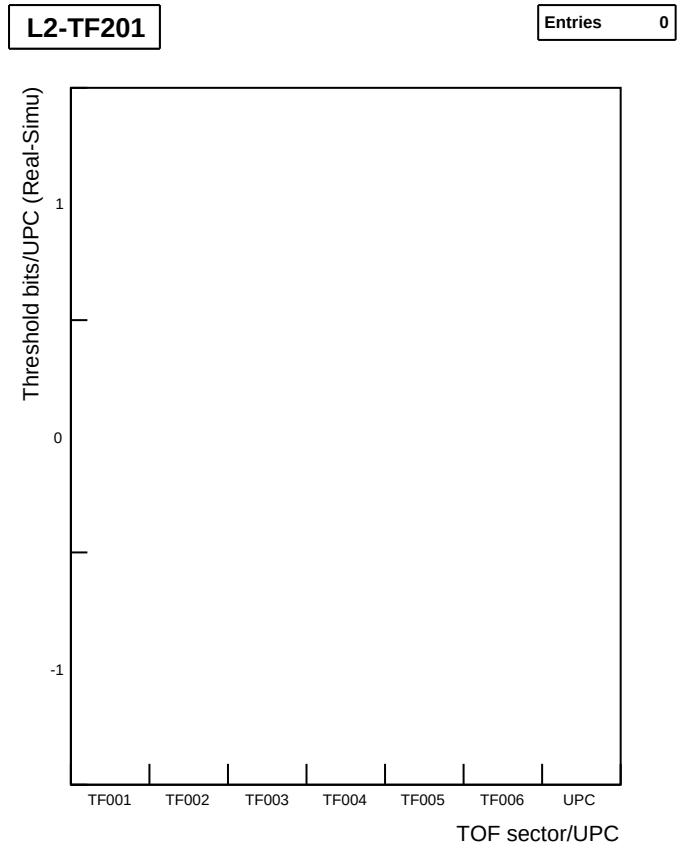

MIX-TF101
Entries 2132400
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

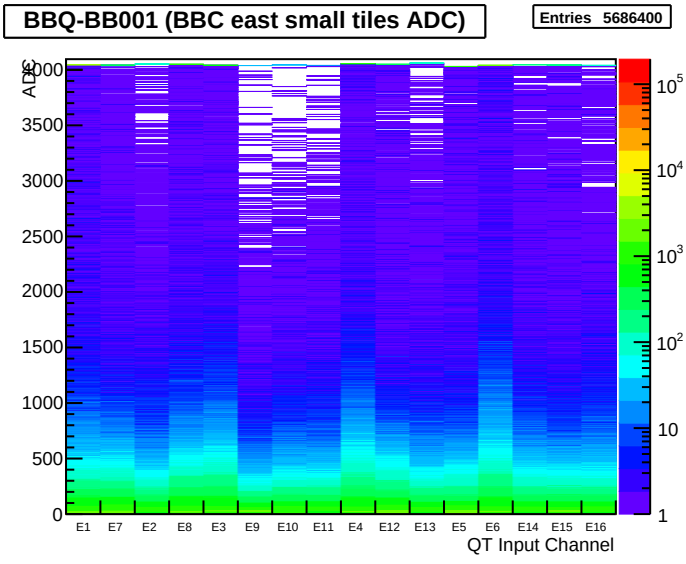

MIX-TF101
Entries 222553
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

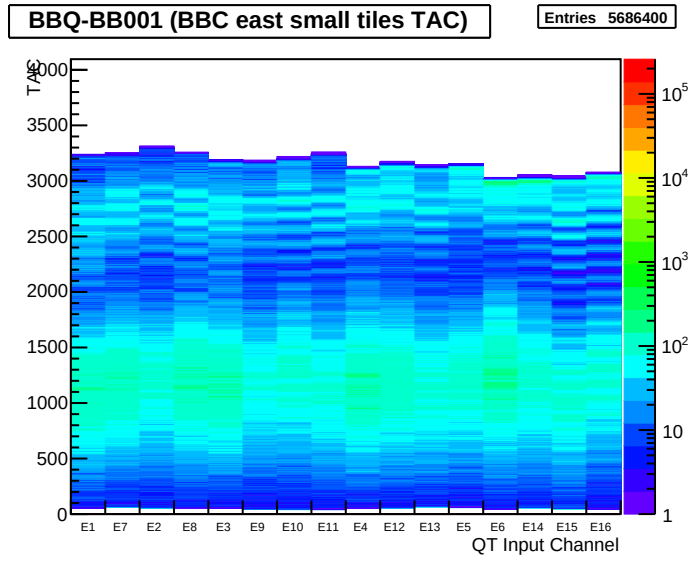

L2-TF201
Entries 355400
TOF total mult

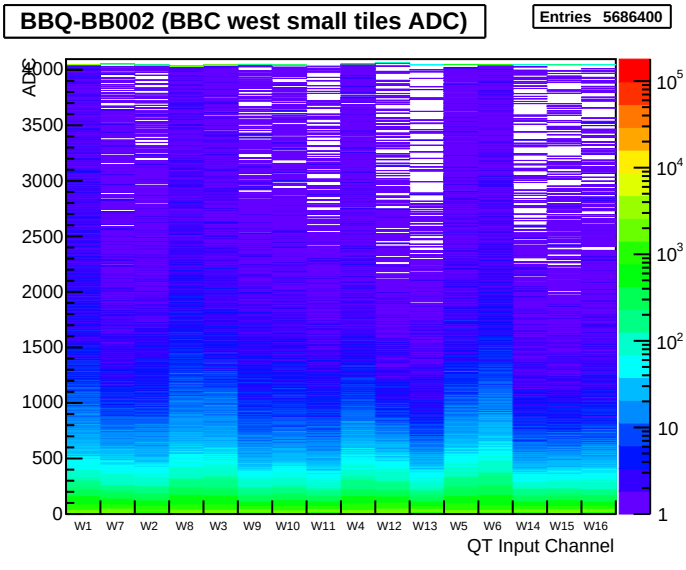

L2-TF201
Entries 0
TOF total mult(Real-Simu)

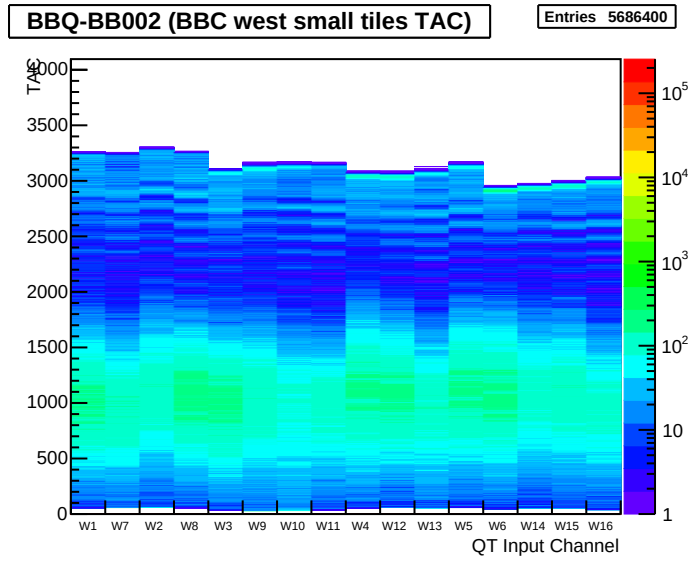

L2-TF201
Entries 2487800
Threshold/UPC bits
313240
316197
313546
315666
314488
310984
340036
42160
39203
41854
39734
40912
44416
15364
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

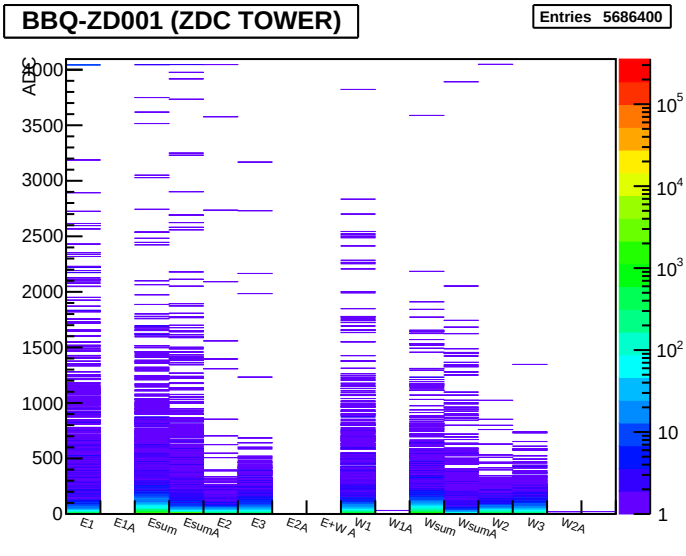

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

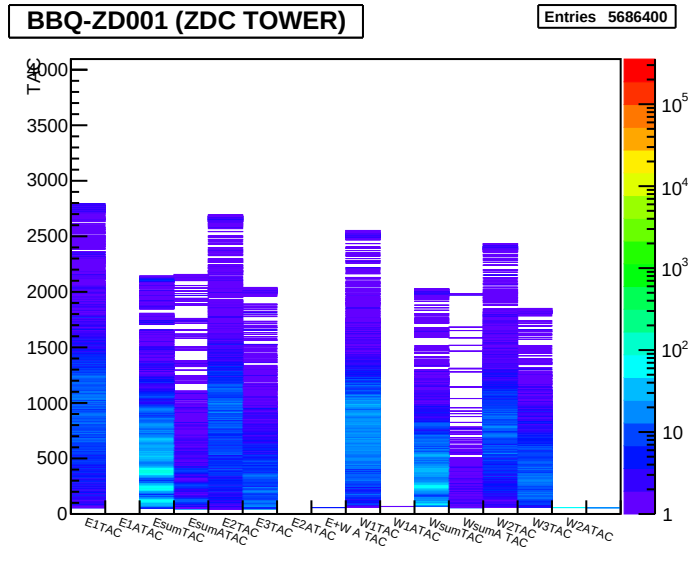

BBQ-BB001 (BBC east small tiles ADC)
Entries 5686400
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

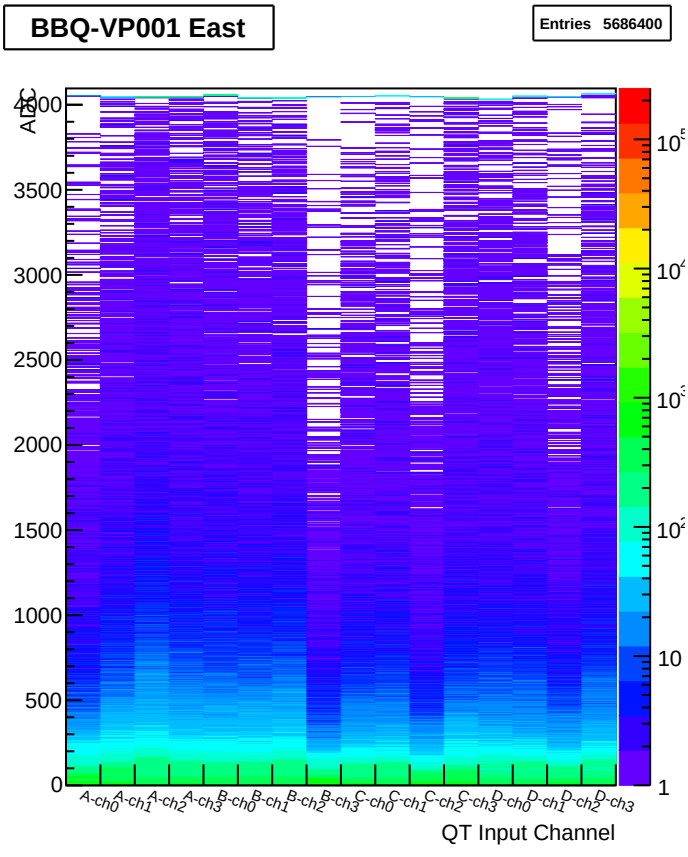

BBQ-BB001 (BBC east small tiles TAC)
Entries 5686400
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

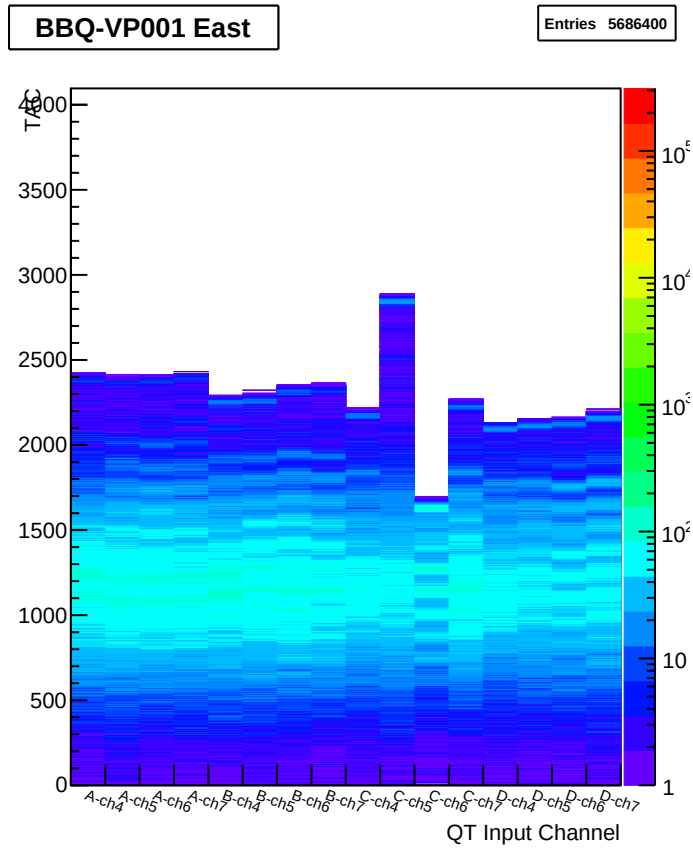

BBQ-BB002 (BBC west small tiles ADC)
Entries 5686400
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

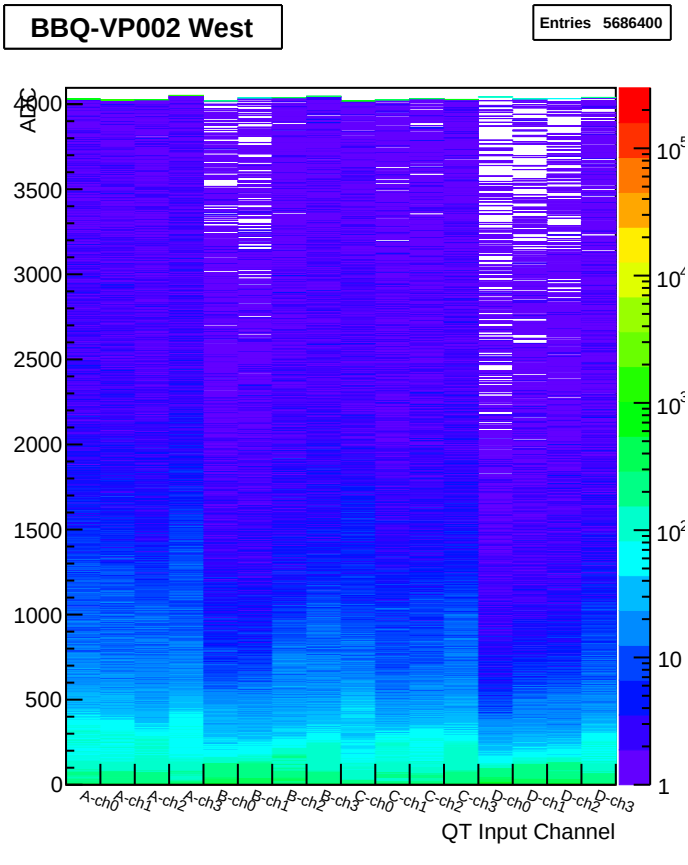

BBQ-BB002 (BBC west small tiles TAC)
Entries 5686400
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

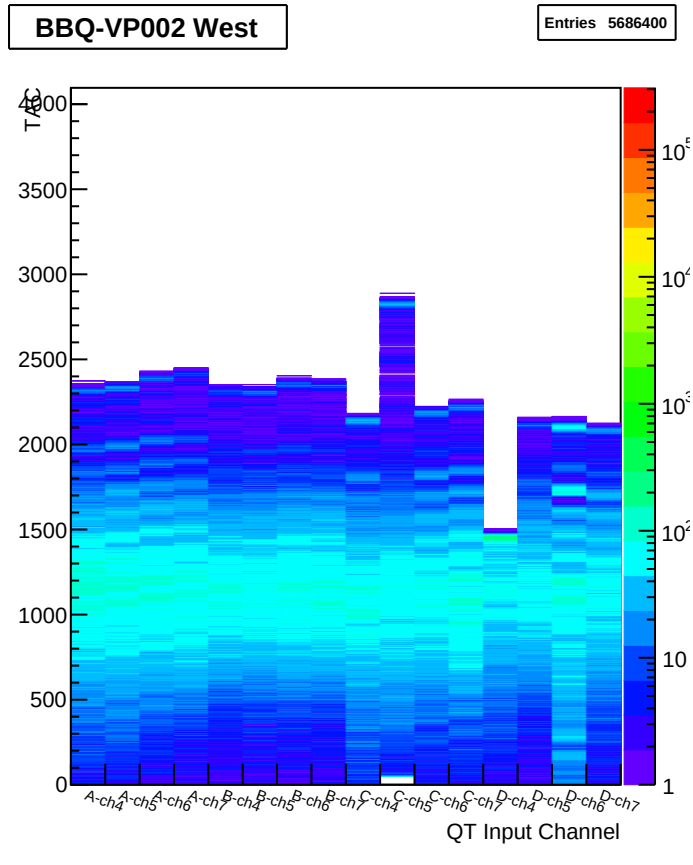

BBQ-ZD001 (ZDC TOWER)
Entries 5686400
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

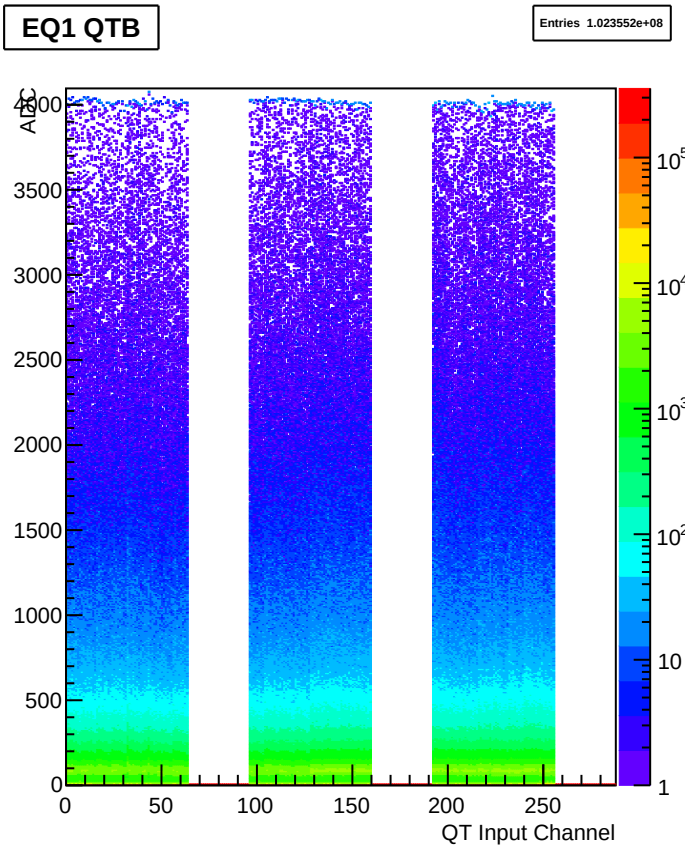

BBQ-ZD001 (ZDC TOWER)
Entries 5686400
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

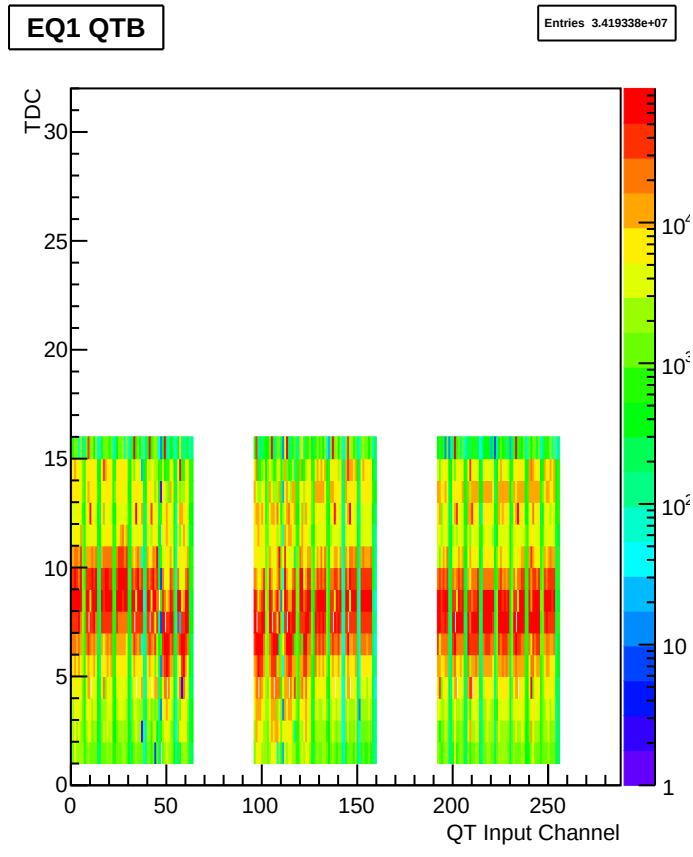

BBQ-VP001 East
Entries 5686400
ADC
QT Input Channel

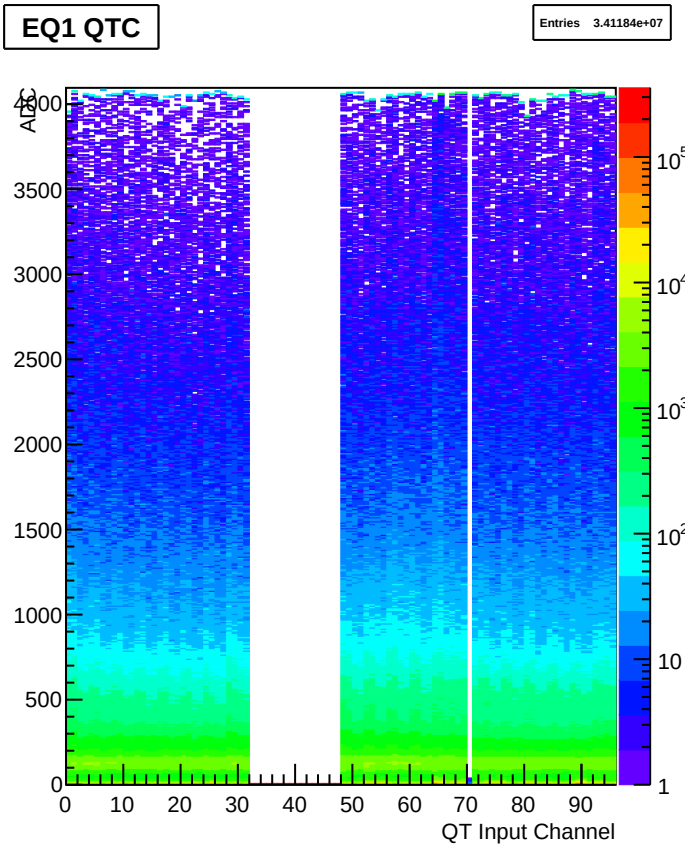

BBQ-VP001 East
Entries 5686400
TADC
QT Input Channel

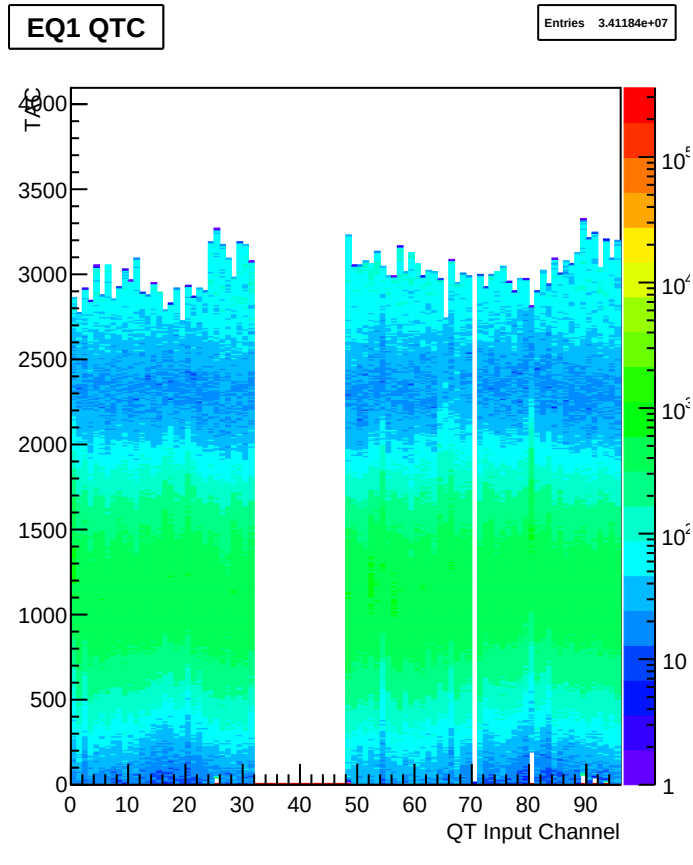

BBQ-VP002 West
Entries 5686400
ADC
QT Input Channel

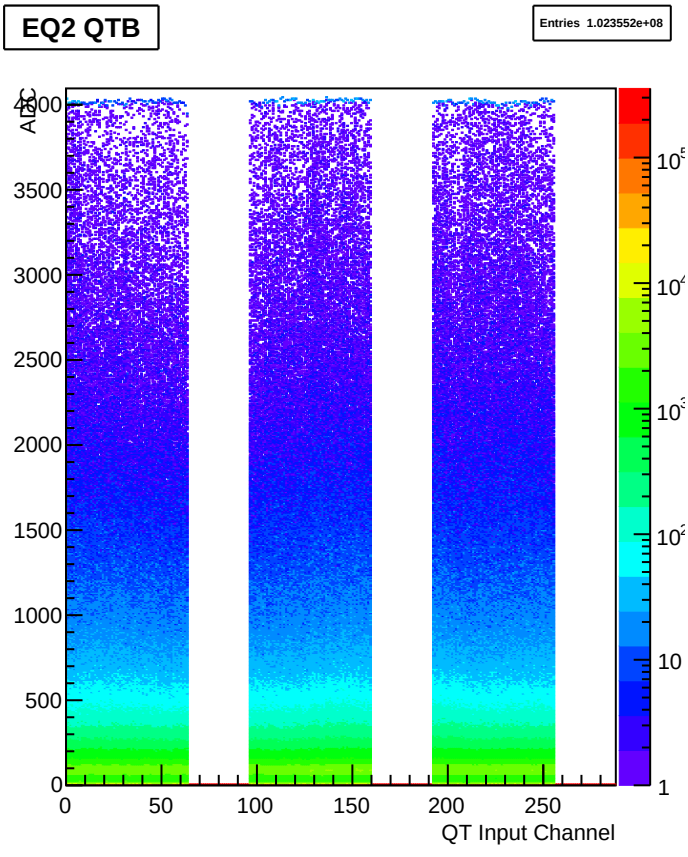

BBQ-VP002 West
Entries 5686400
TADC
QT Input Channel

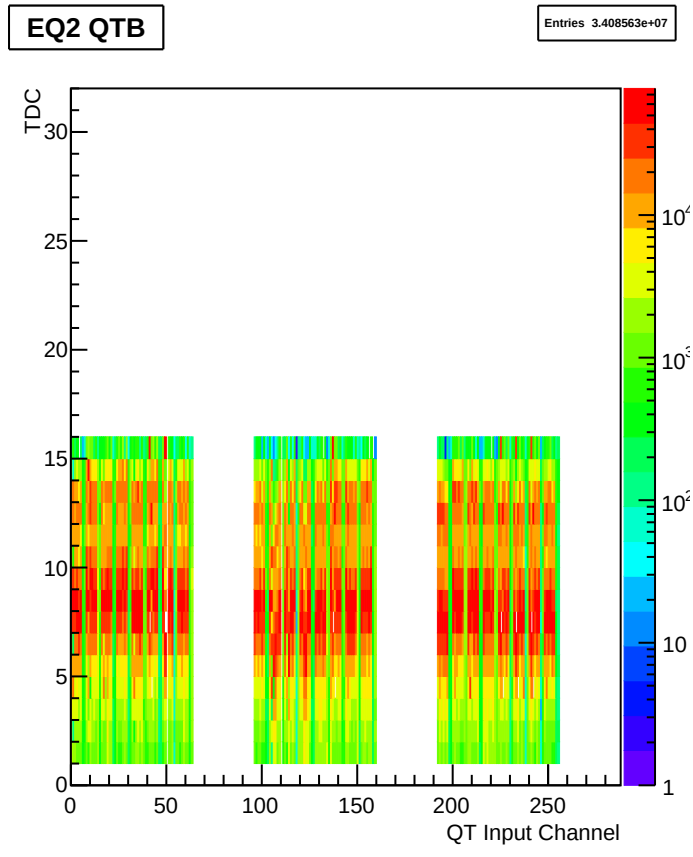

EQ1 QTB
Entries 1.023552e+08
ADC
QT Input Channel

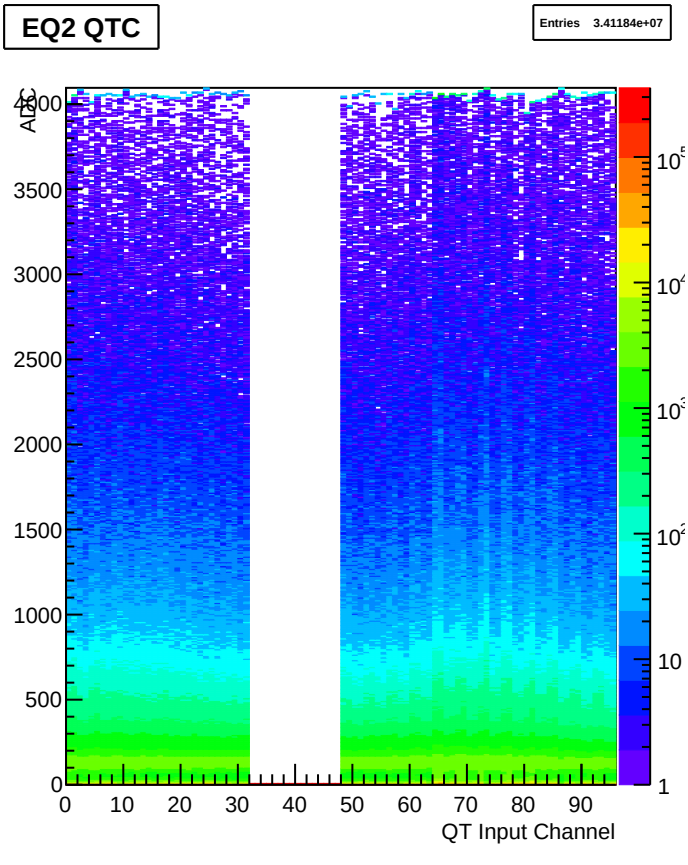

EQ1 QTB
Entries 3.419338e+07
TDC
QT Input Channel

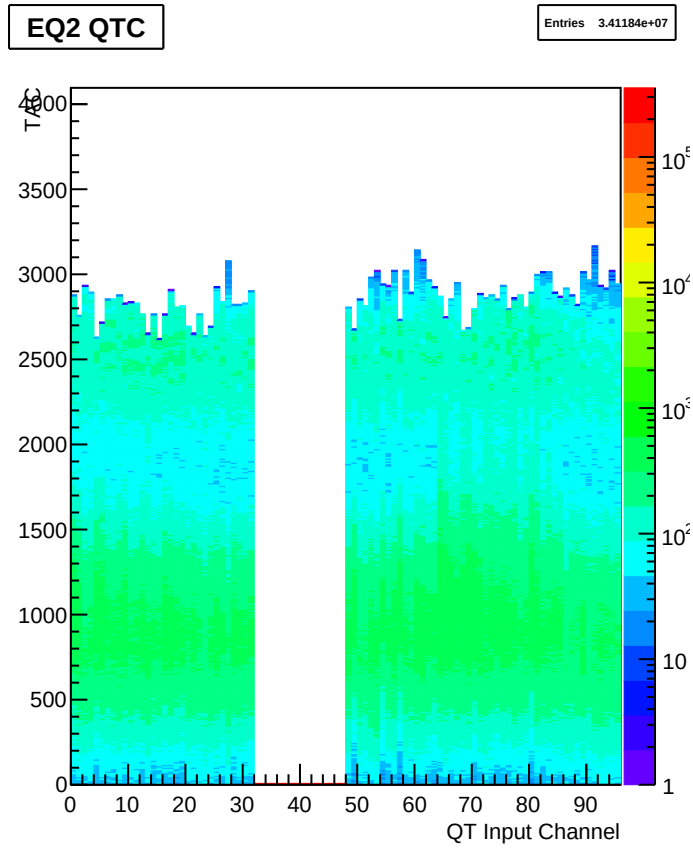

EQ1 QTC
Entries 3.41184e+07
ADC
QT Input Channel

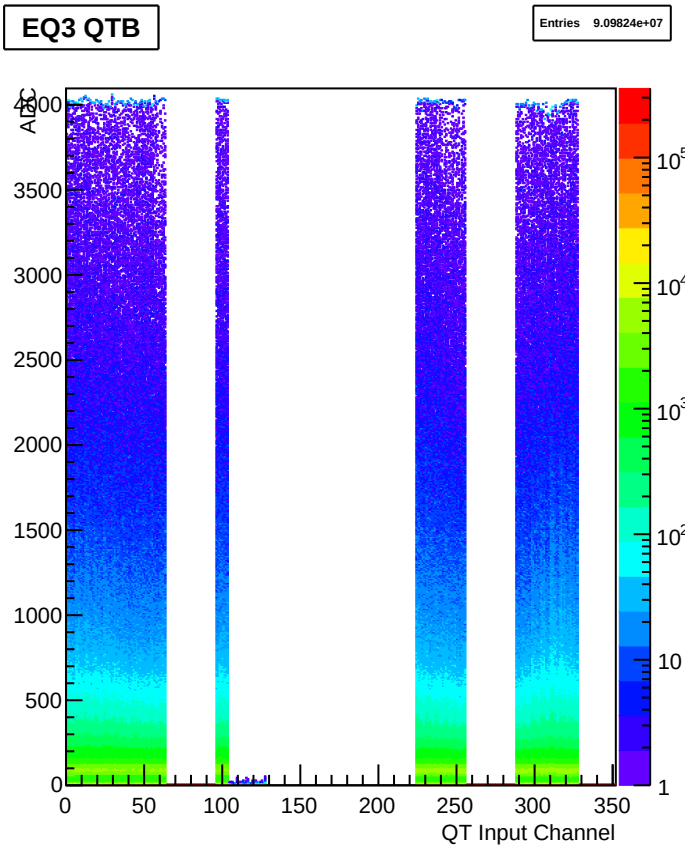

EQ1 QTC
Entries 3.41184e+07
TADC
QT Input Channel

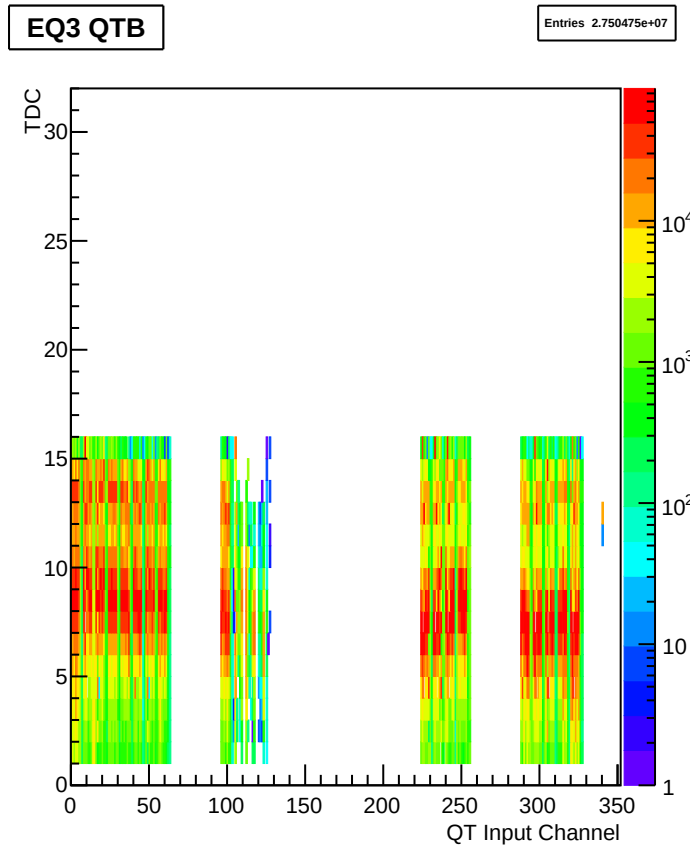

EQ2 QTB
Entries 1.023552e+08
ADC
QT Input Channel

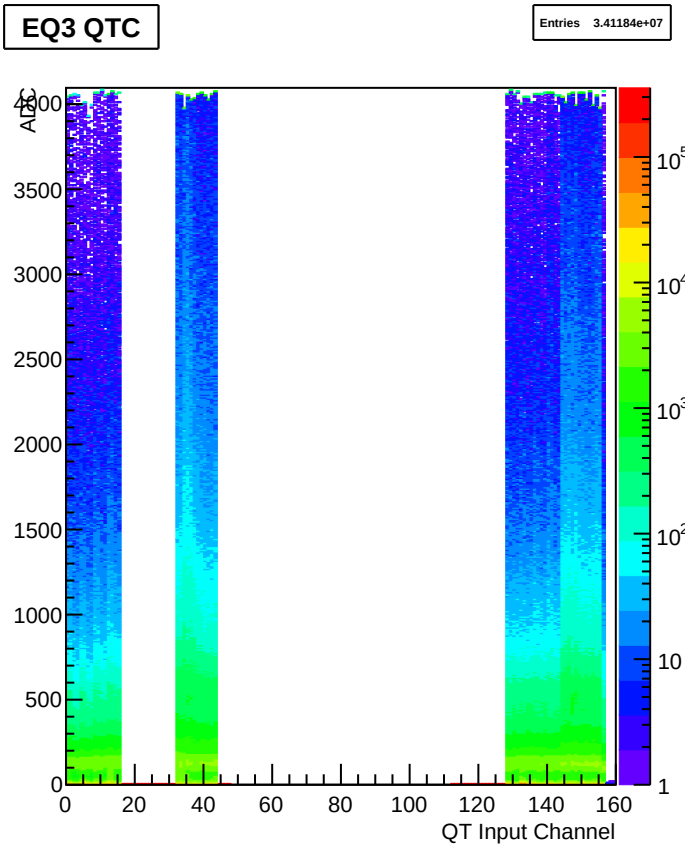

EQ2 QTB
Entries 3.408563e+07
TDC
QT Input Channel

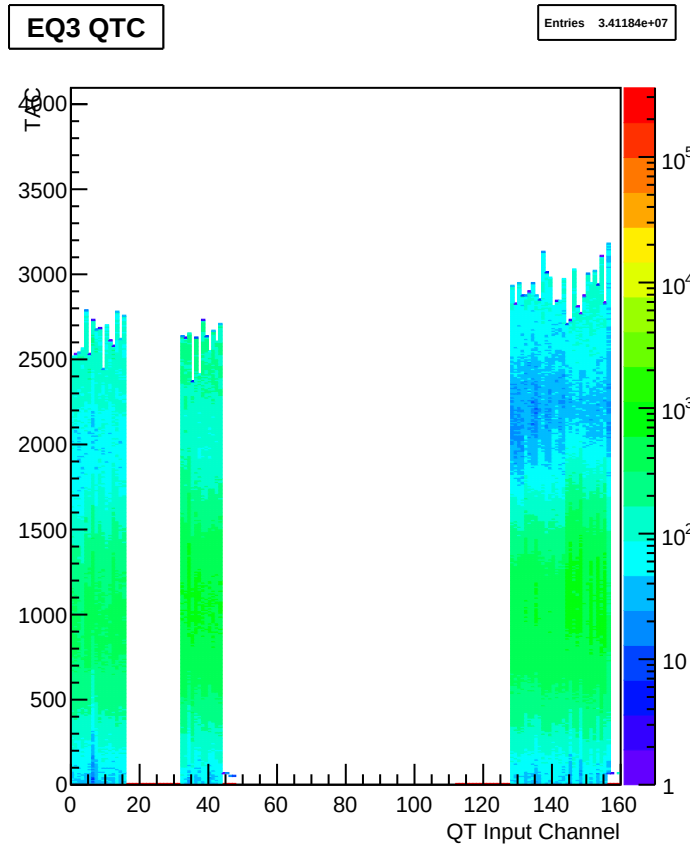

EQ2 QTC
Entries 3.41184e+07
ADC
QT Input Channel

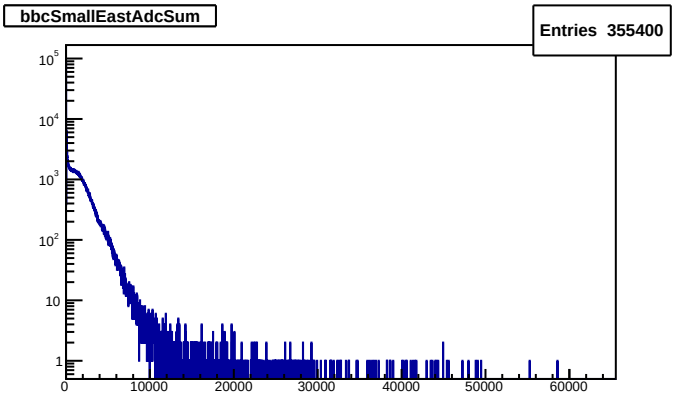

EQ2 QTC
Entries 3.41184e+07
TADC
QT Input Channel

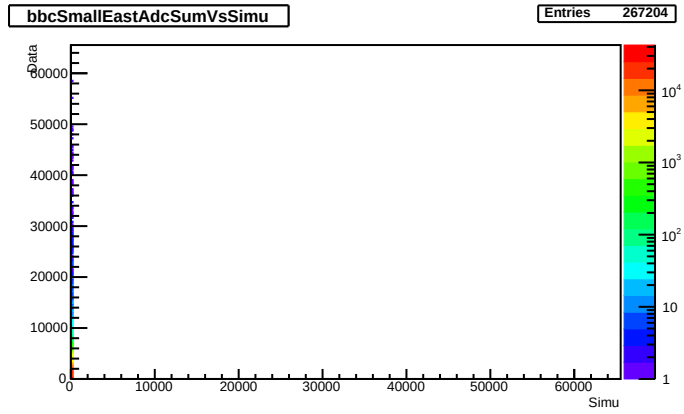

EQ3 QTB
Entries 9.09824e+07
ADC
QT Input Channel

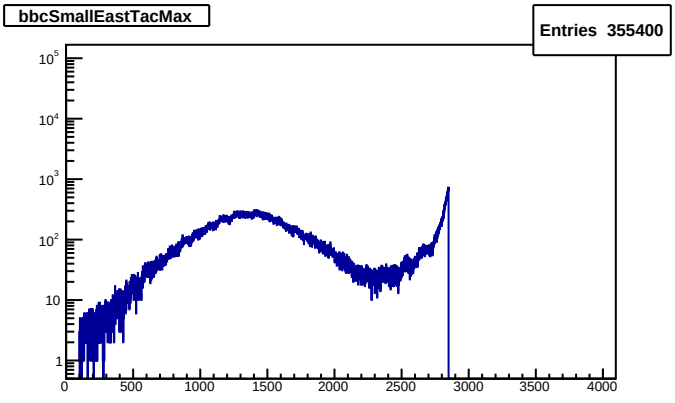

EQ3 QTB
Entries 2.750475e+07
TDC
QT Input Channel

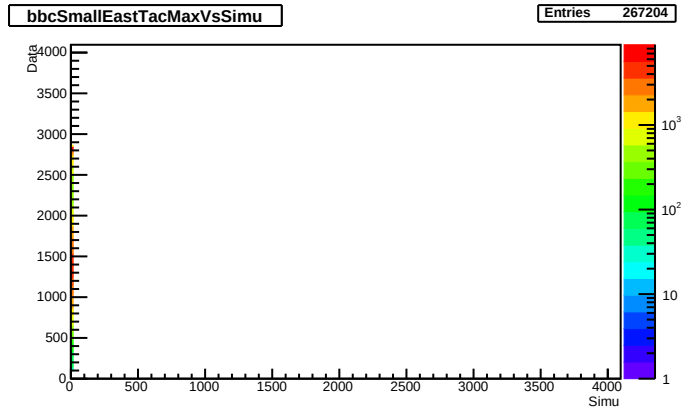

EQ3 QTC
Entries 3.41184e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.41184e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 355400


bbcSmallEastAdcSumVsSimu
Entries 267204
Data
Simu


bbcSmallEastTacMax
Entries 355400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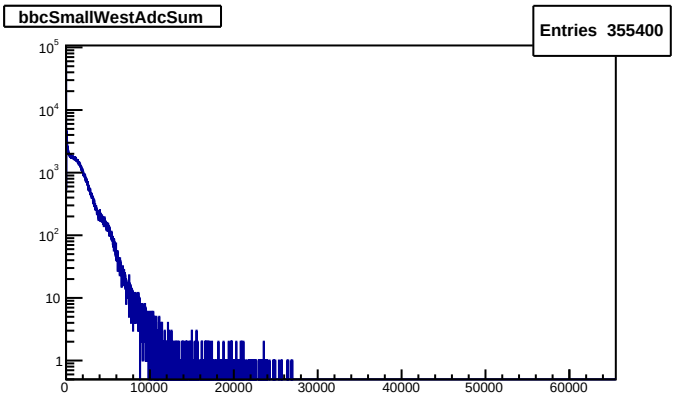
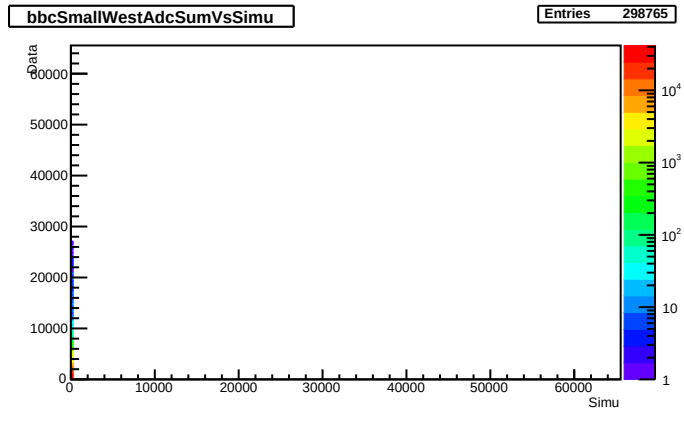
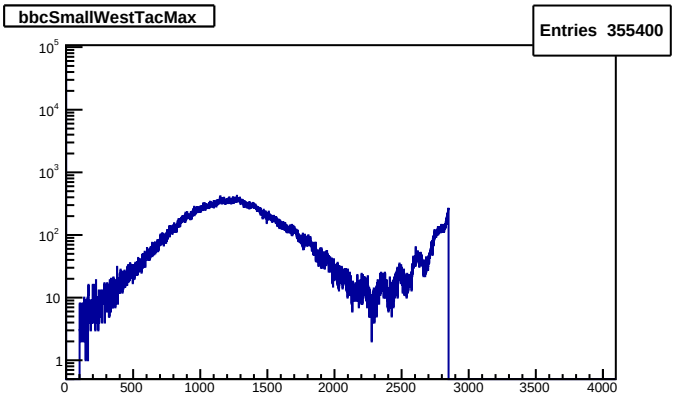
Entries 267204
Data
Simu


bbcSmallWestAdcSum
Entries 355400


bbcSmallWestAdcSumVsSimu
Entries 298765
Data
Simu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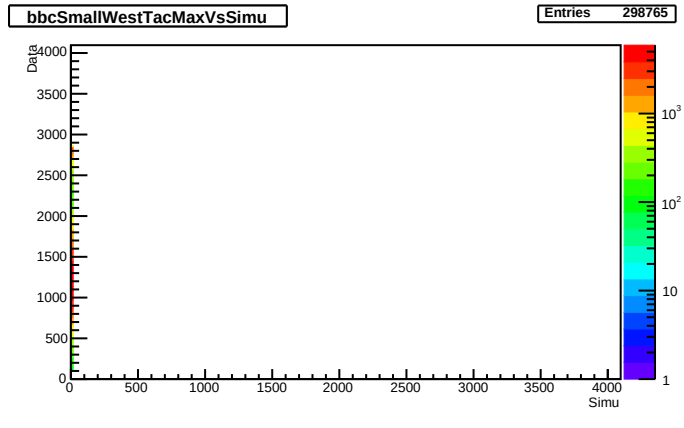
Entries 355400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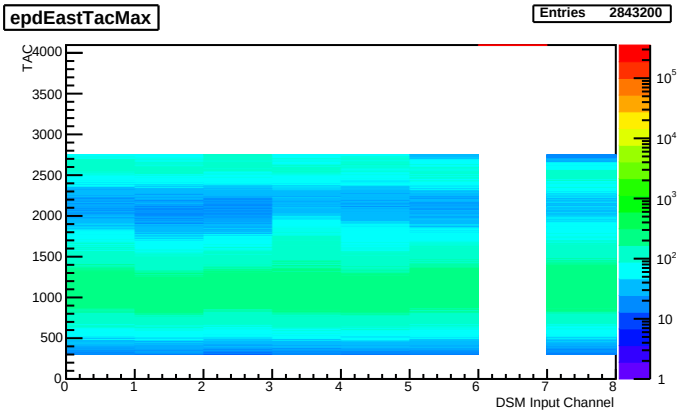
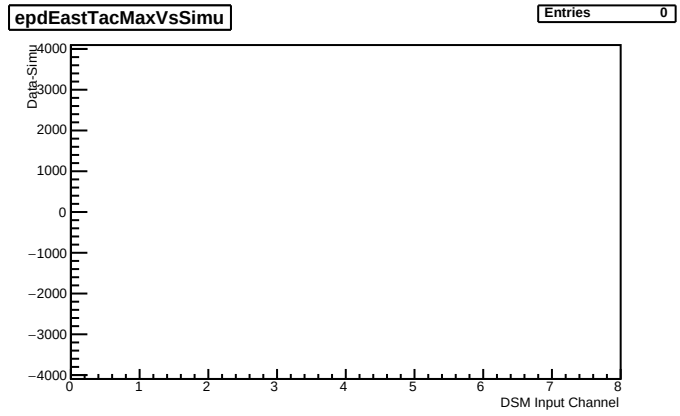
Entries 298765
Data
Simu


epdEastTacMax
Entries 2843200
TAC
DSM Input Channel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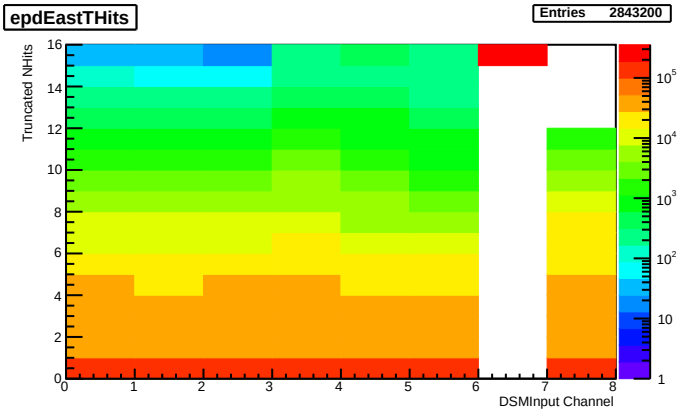
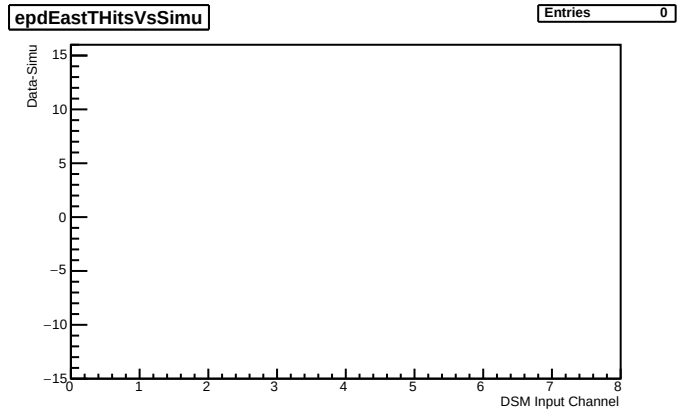
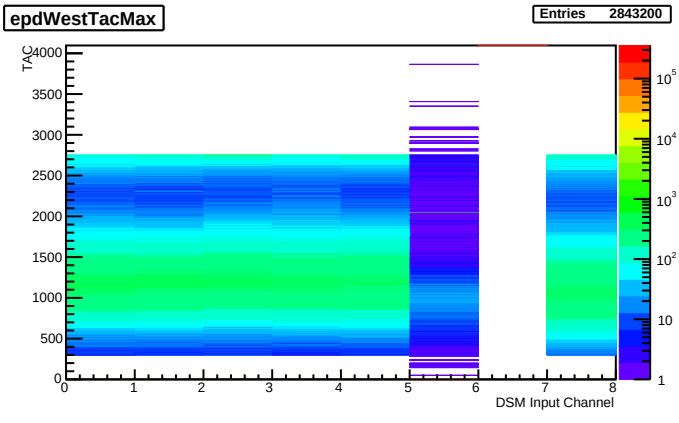
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2843200
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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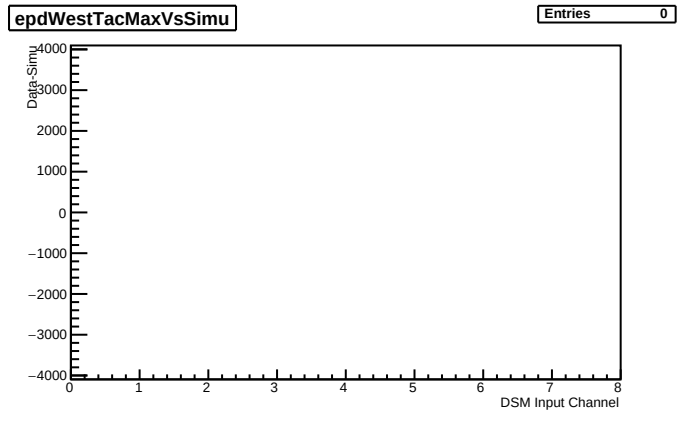
Entries 2843200
TAC
DSM Input Channel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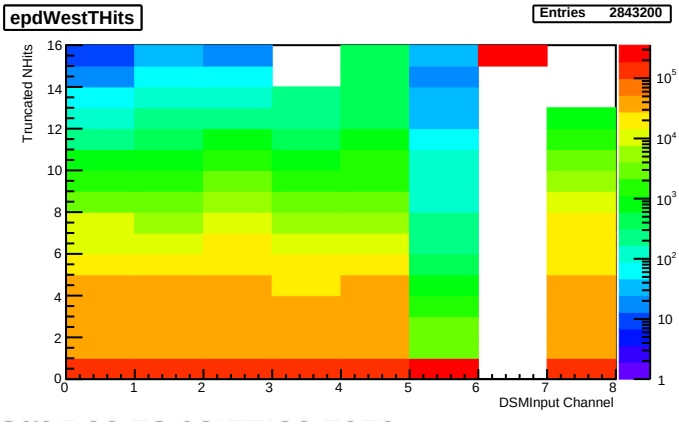
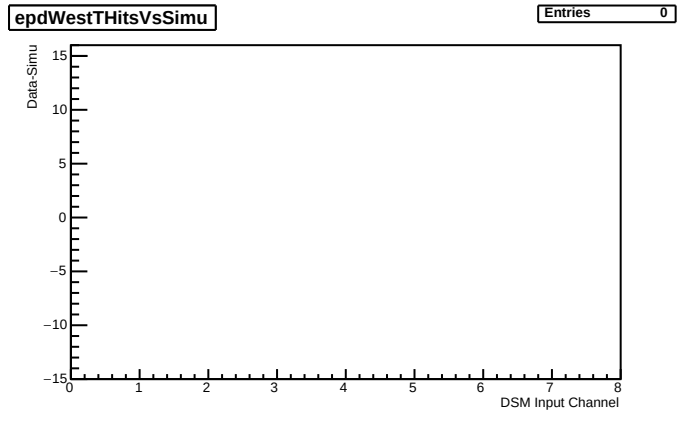
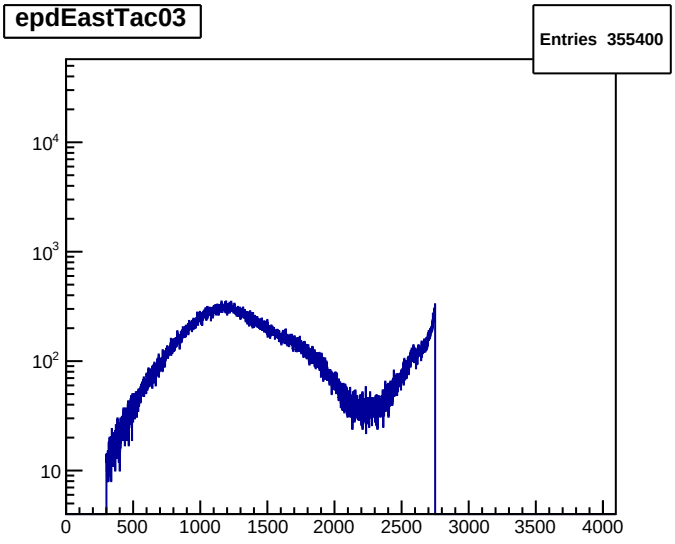
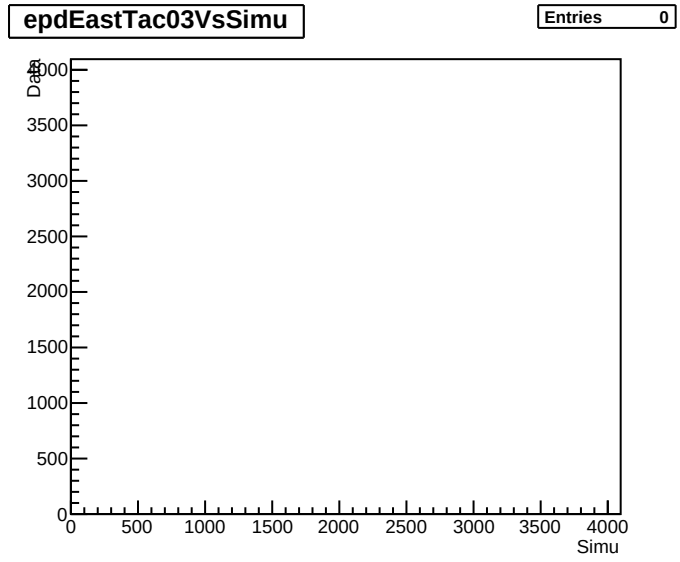
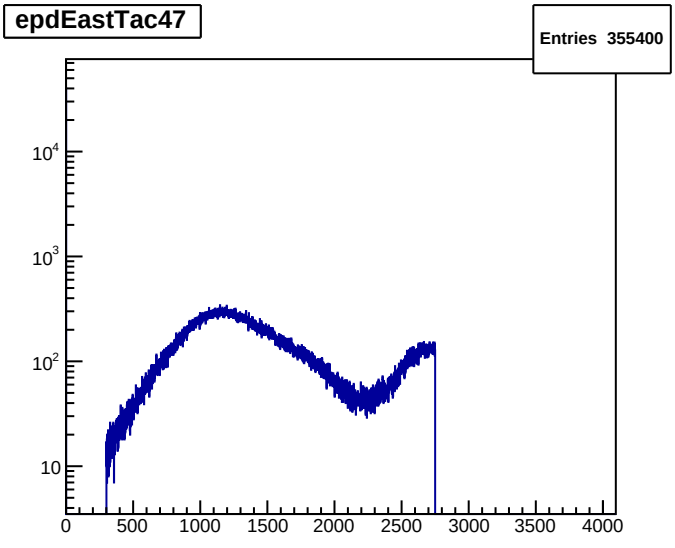
Entries 0
Data-Simu
DSM Input Channel

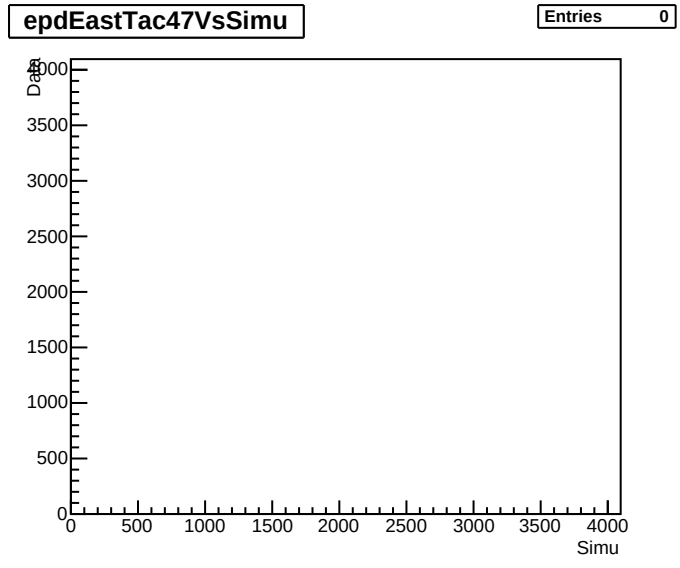

epdWestTHits
Entries 2843200
Truncated NHits
DSMInput Channel

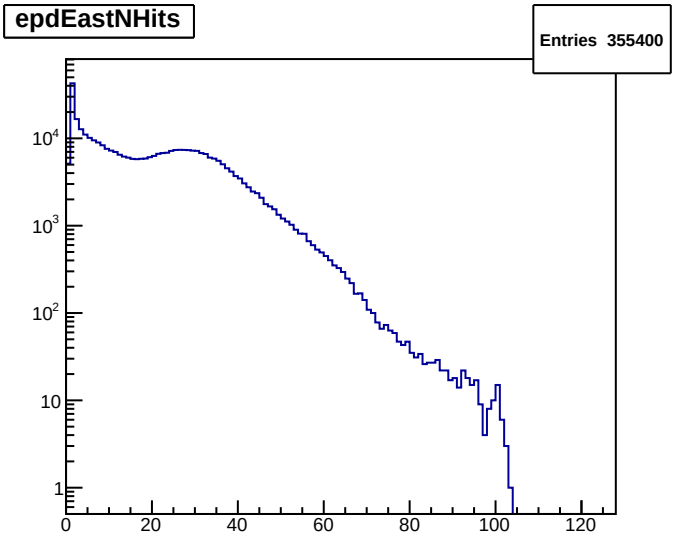

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

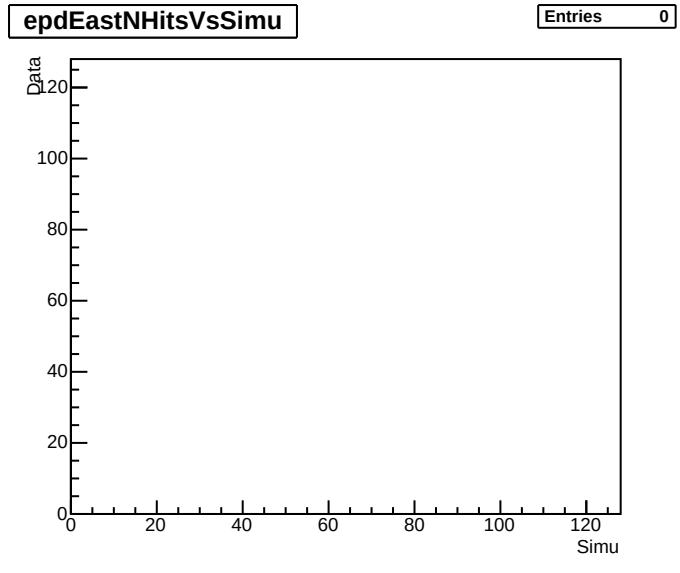

epdEastTac03
Entries 355400

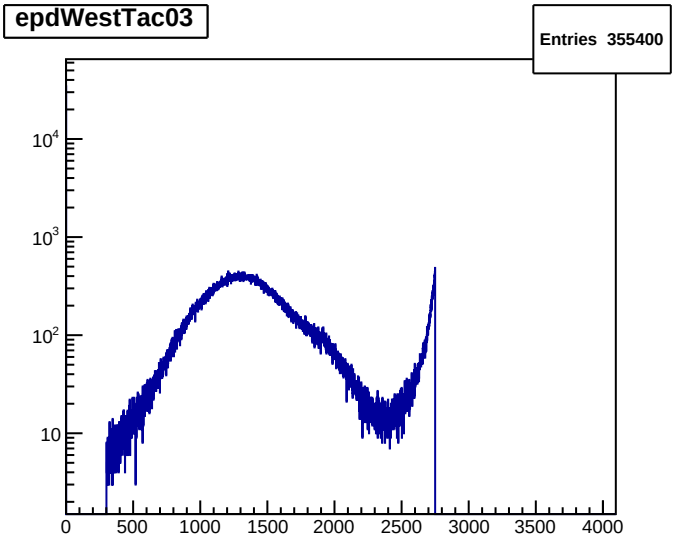

epdEastTac03VsSimu
Entries 0
Data
Simu

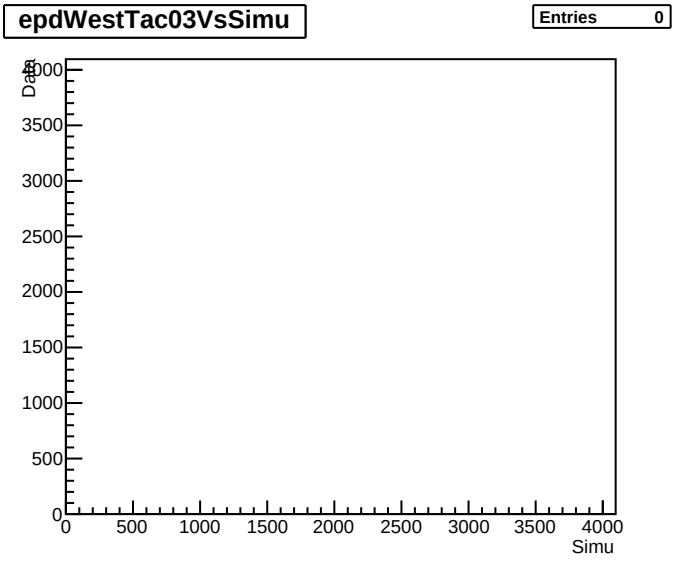

epdEastTac47
Entries 355400

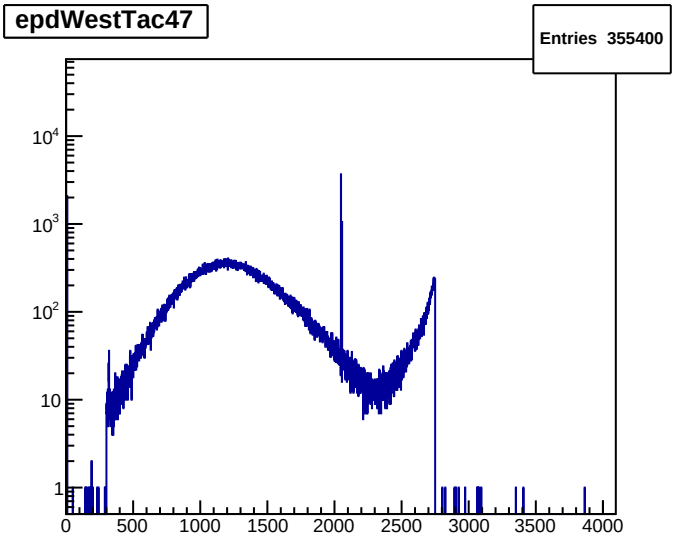

epdEastTac47VsSimu
Entries 0
Data
Simu

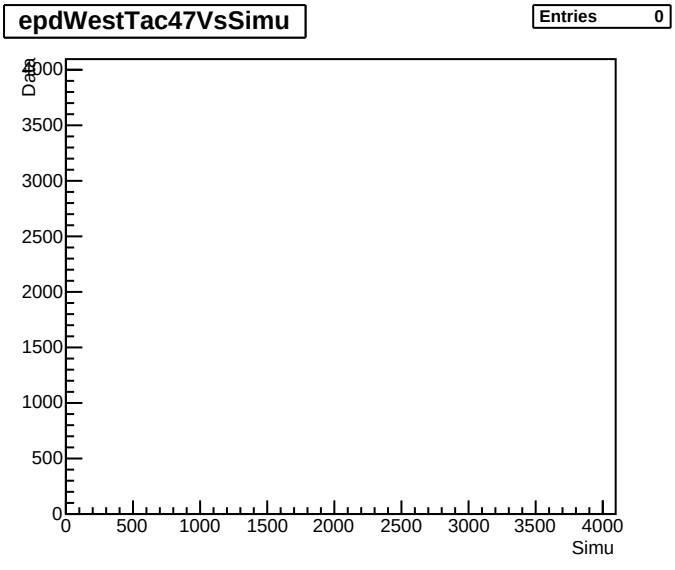

epdEastNHits
Entries 355400

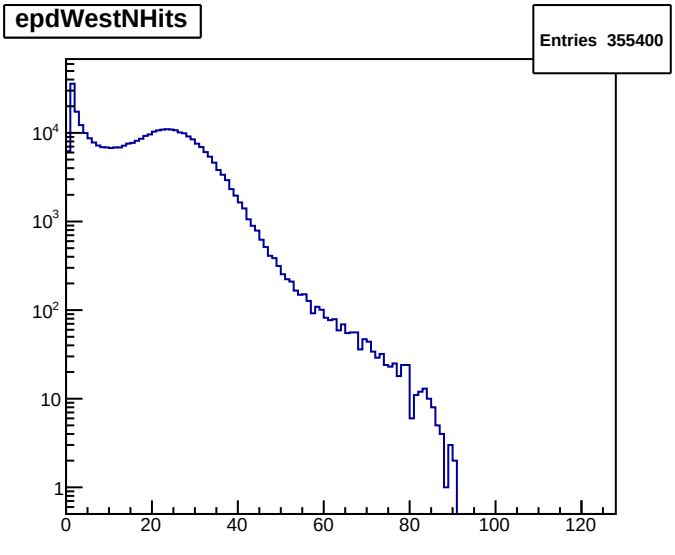

epdEastNHitsVsSimu
Entries 0
Data
Simu

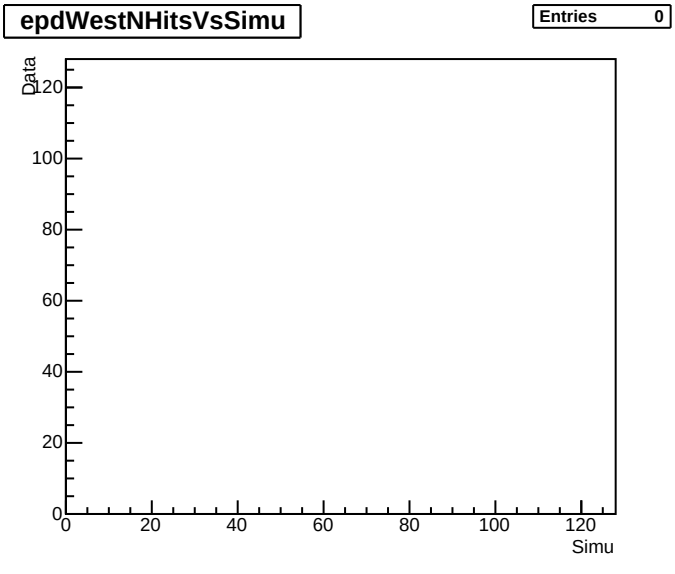

epdWestTac03
Entries 355400

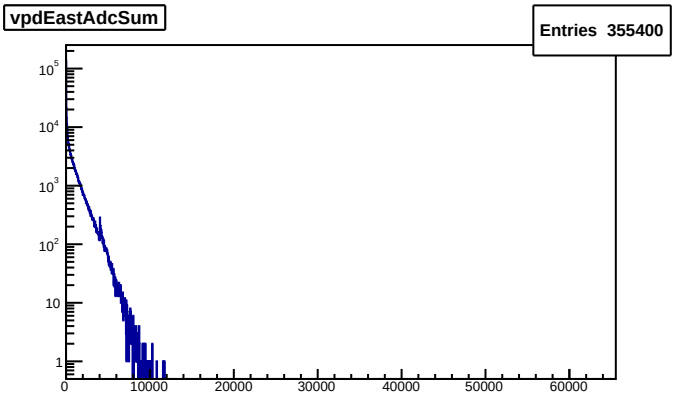

epdWestTac03VsSimu
Entries 0
Data
Simu

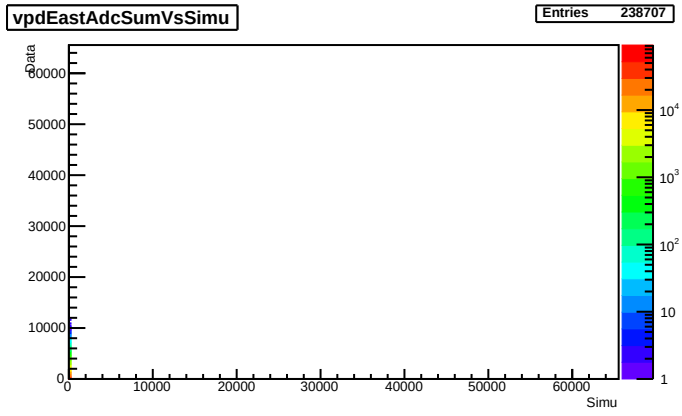

epdWestTac47
Entries 355400

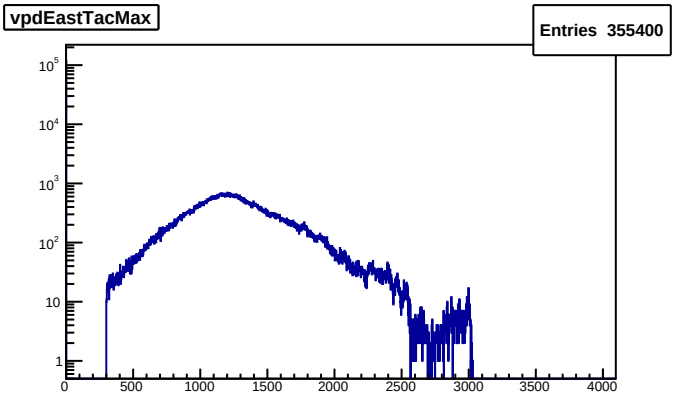

epdWestTac47VsSimu
Entries 0
Data
Simu

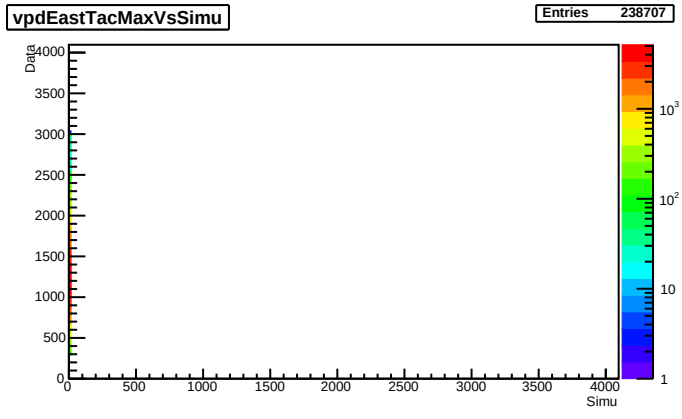

epdWestNHits
Entries 355400

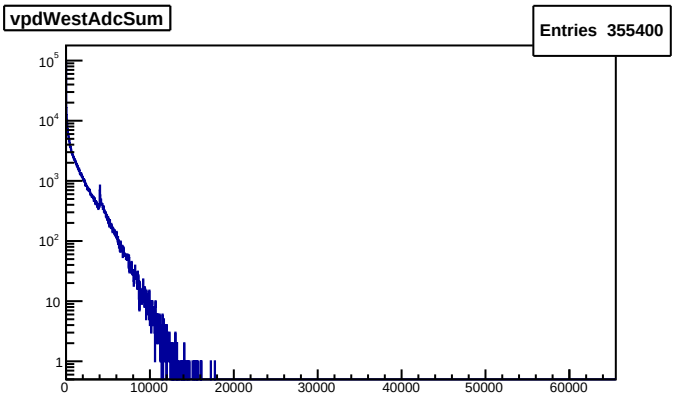

epdWestNHitsVsSimu
Entries 0
Data
Simu

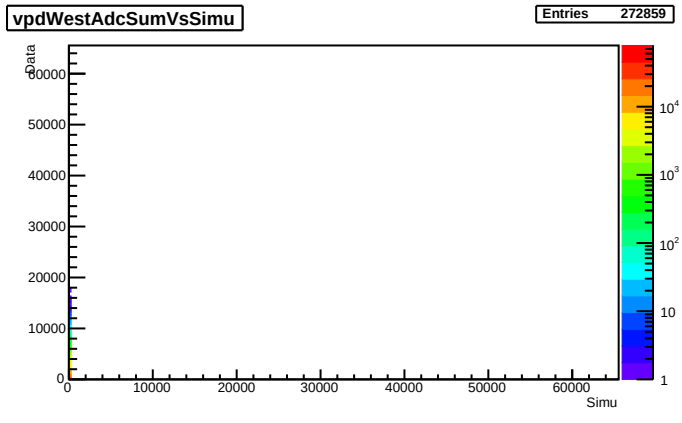

vpdEastAdcSum
Entries 355400

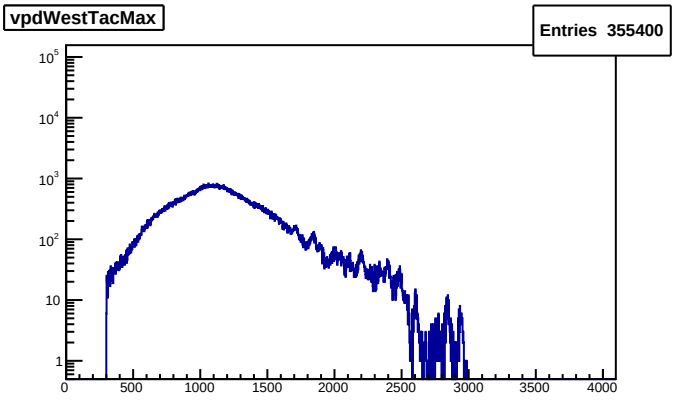

vpdEastAdcSumVsSimu
Entries 238707
Data
Simu

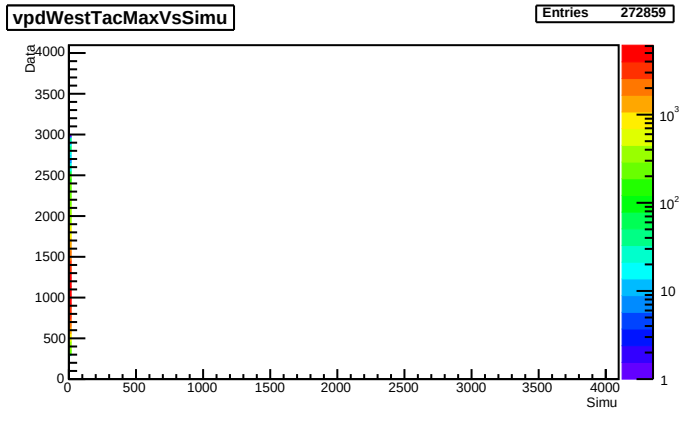

vpdEastTacMax
Entries 355400

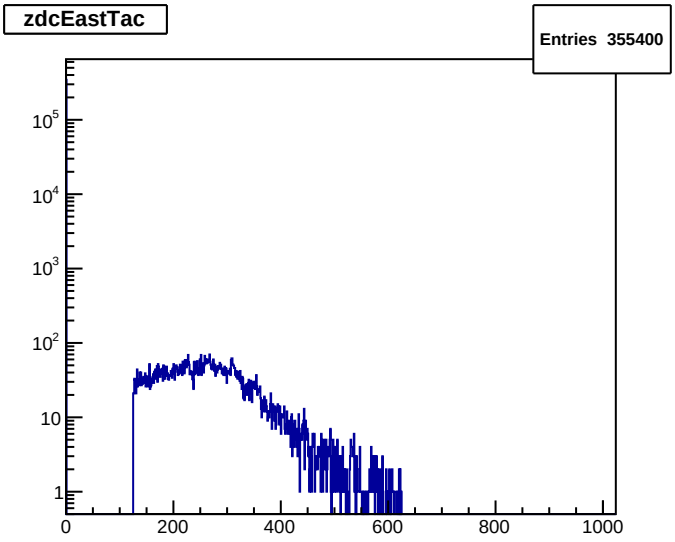

vpdEastTacMaxVsSimu
Entries 238707
Data
Simu

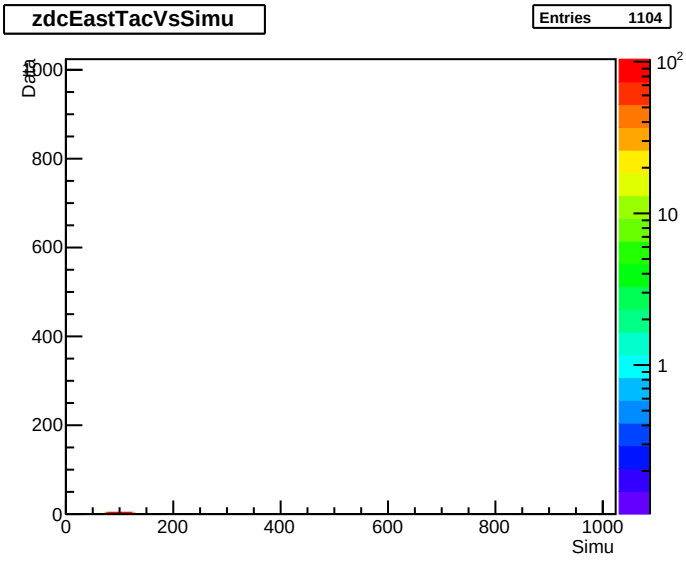

vpdWestAdcSum
Entries 355400

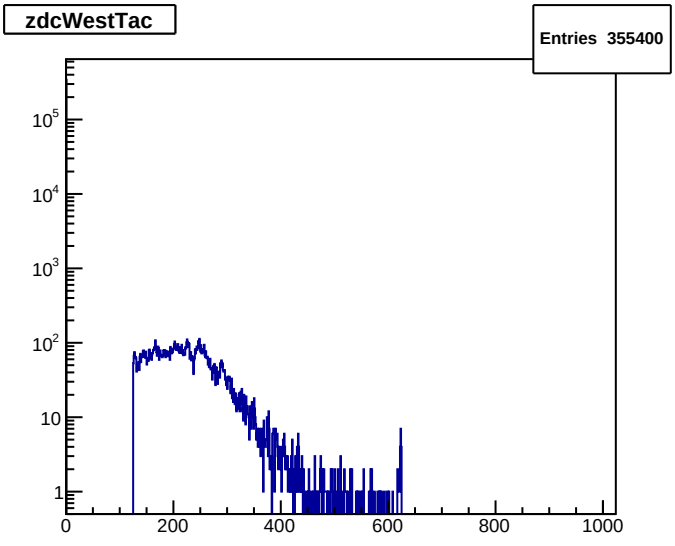

vpdWestAdcSumVsSimu
Entries 272859
Data
Simu

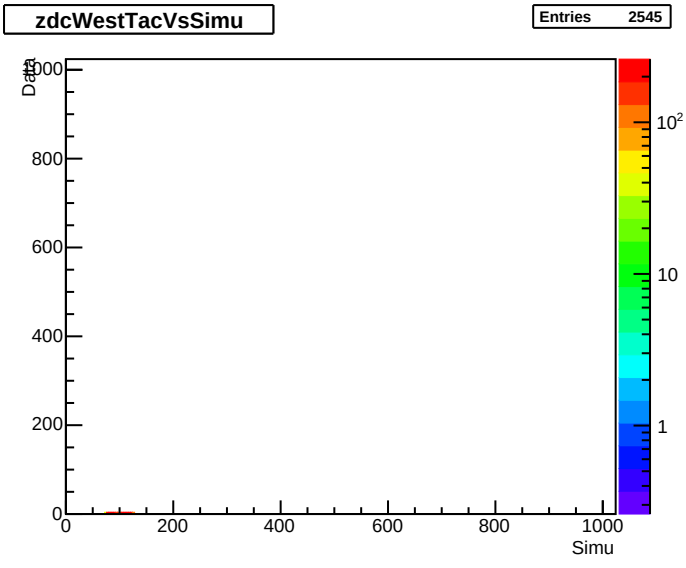

vpdWestTacMax
Entries 355400

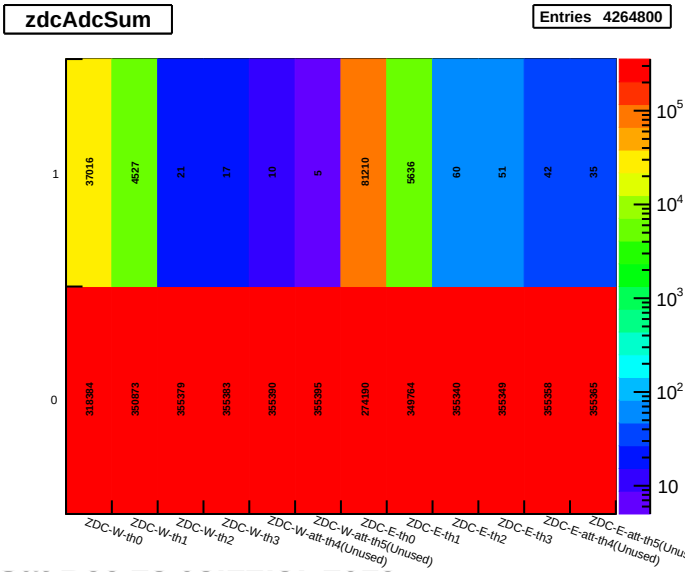

vpdWestTacMaxVsSimu
Entries 272859
Data
Simu

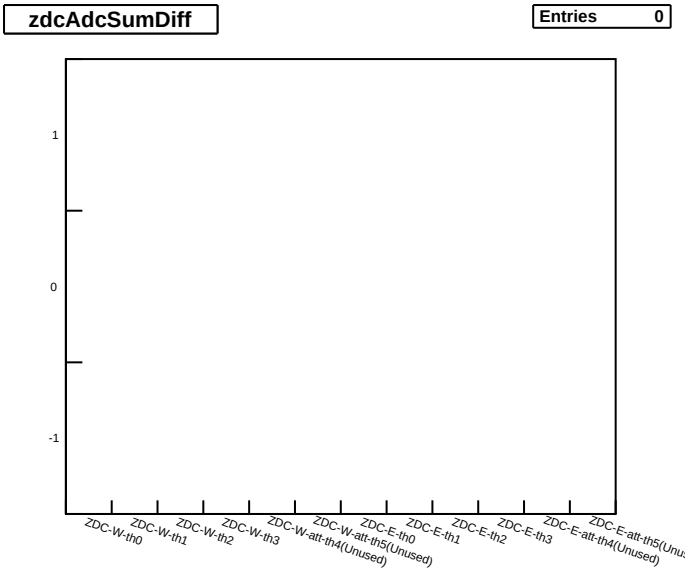

zdcEastTac
Entries 355400

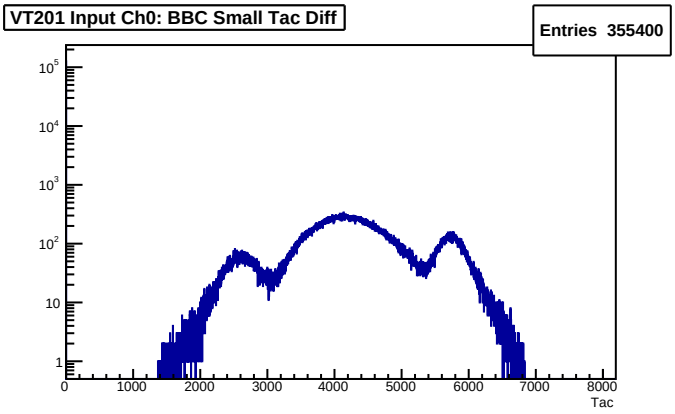

zdcEastTacVsSimu
Entries 1104
Data
Simu

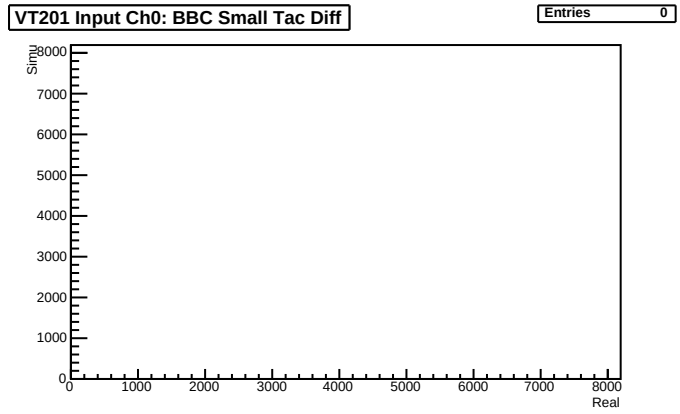

zdcWestTac
Entries 355400

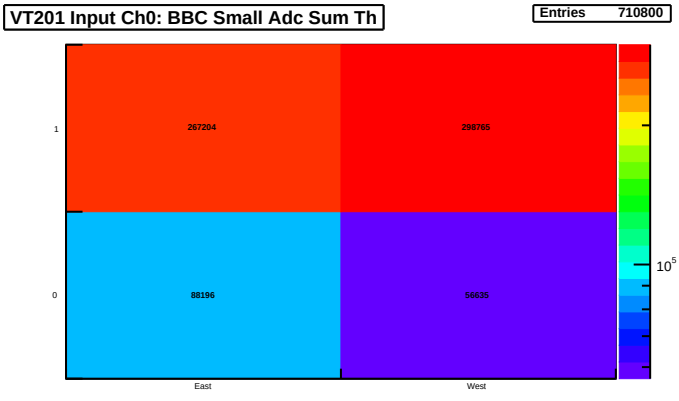

zdcWestTacVsSimu
Entries 2545
Data
Simu

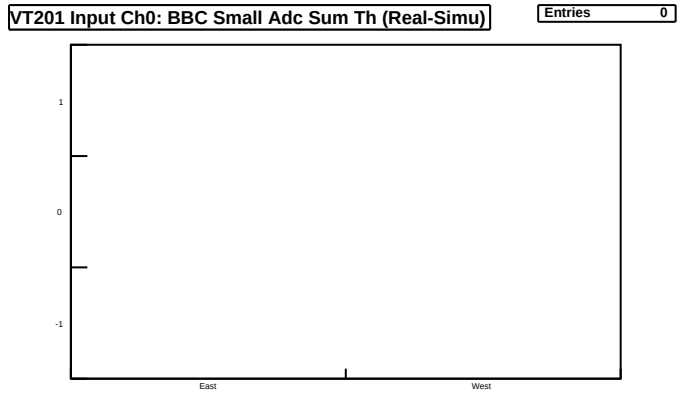

zdcAdcSum
Entries 4264800
37016
4527
21
17
10
5
81210
5636
60
51
42
35
318384
350873
355379
355383
355390
355395
274190
349764
355340
355349
355358
355365
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

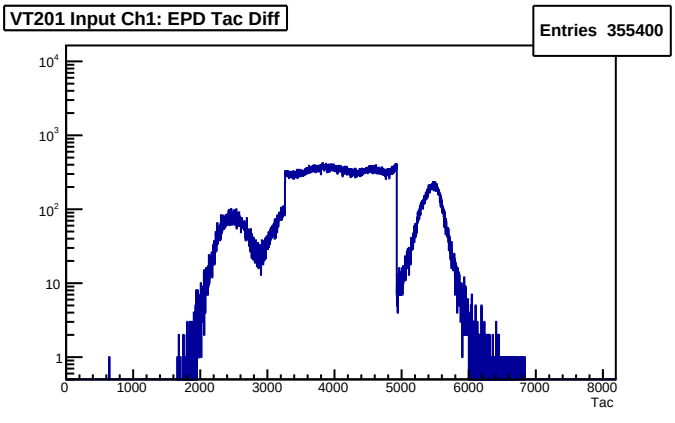

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

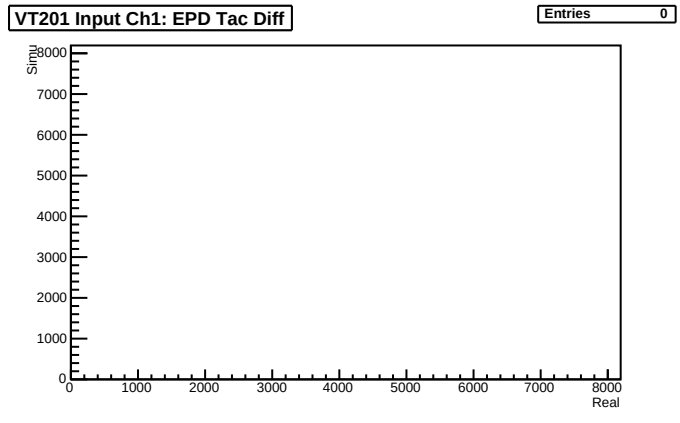

VT201 Input Ch0: BBC Small Tac Diff
Entries 355400
Tac

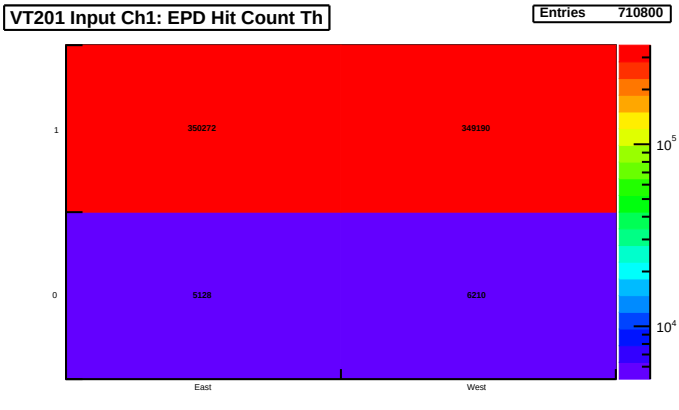

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

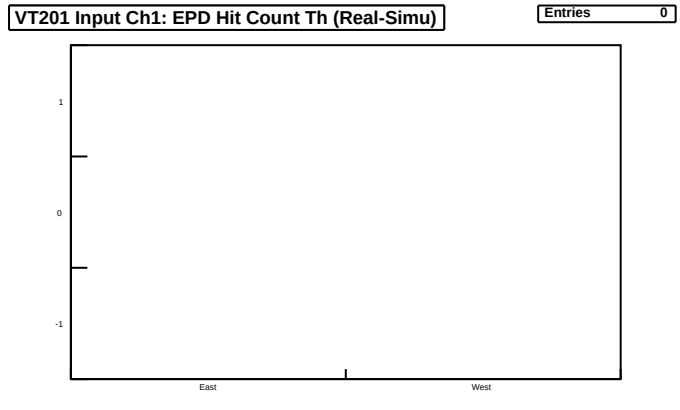

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 710800
267204
298765
88196
56635
East
West

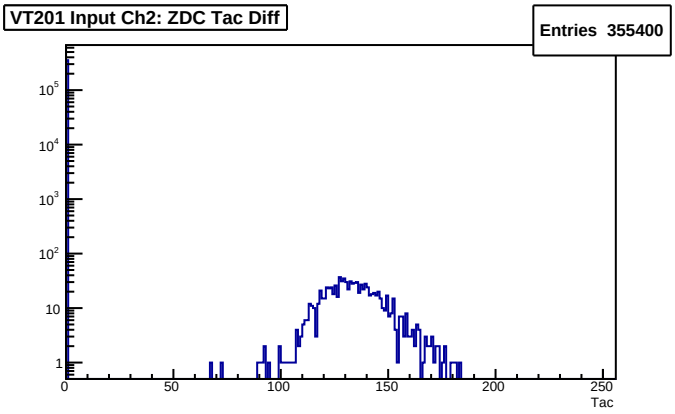

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

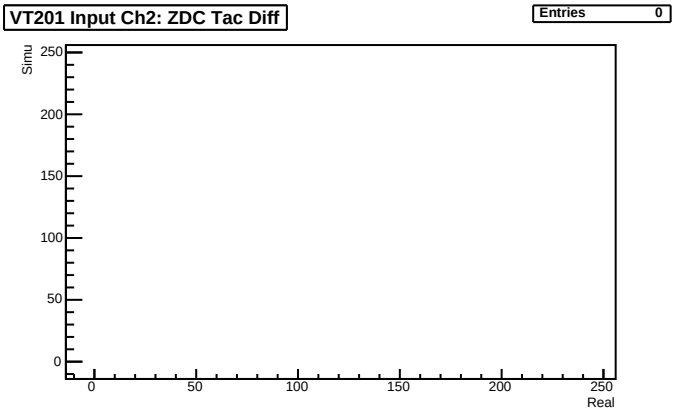

VT201 Input Ch1: EPD Tac Diff
Entries 355400
Tac

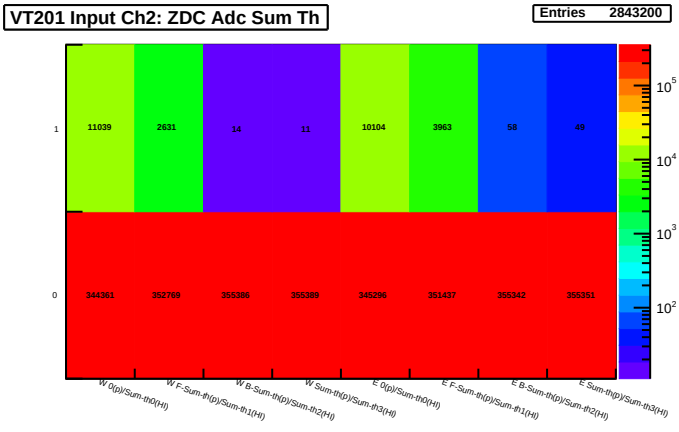

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

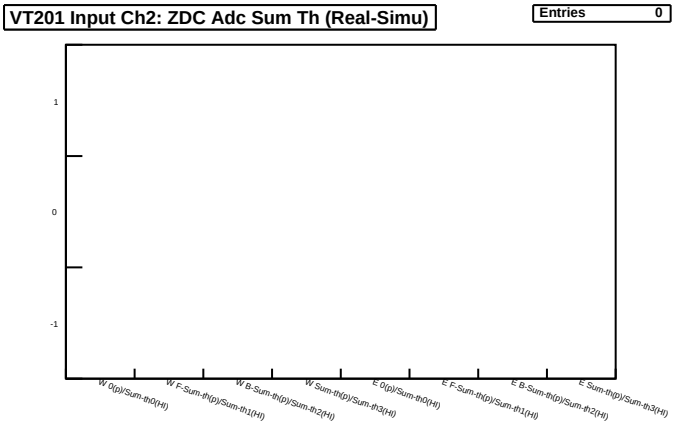

VT201 Input Ch1: EPD Hit Count Th
Entries 710800
350272
349190
5128
6210
East
West

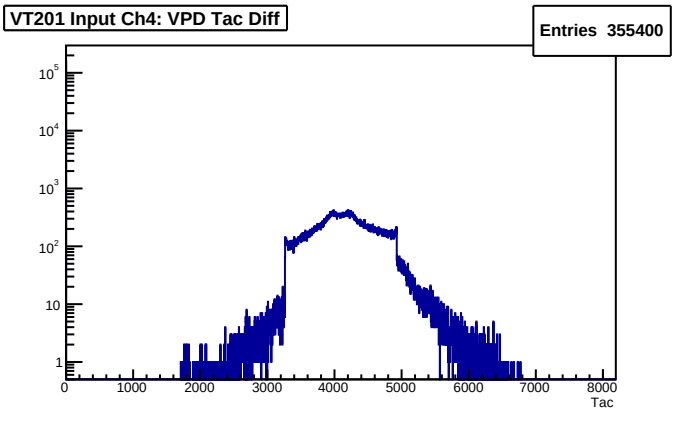

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

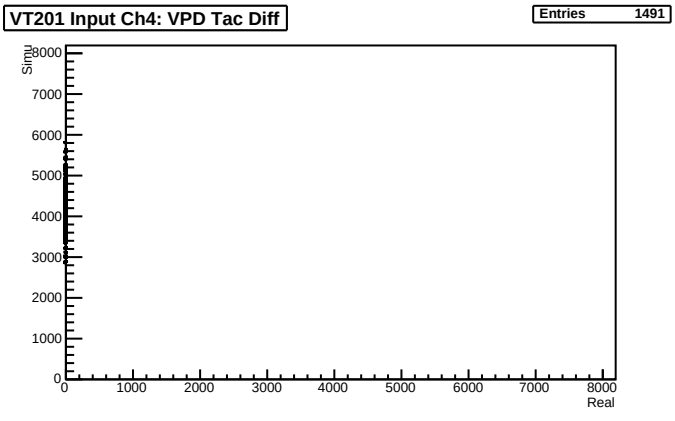

VT201 Input Ch2: ZDC Tac Diff
Entries 355400
Tac

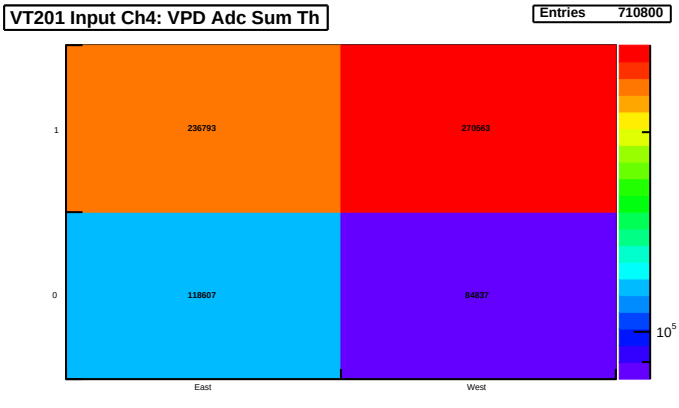

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

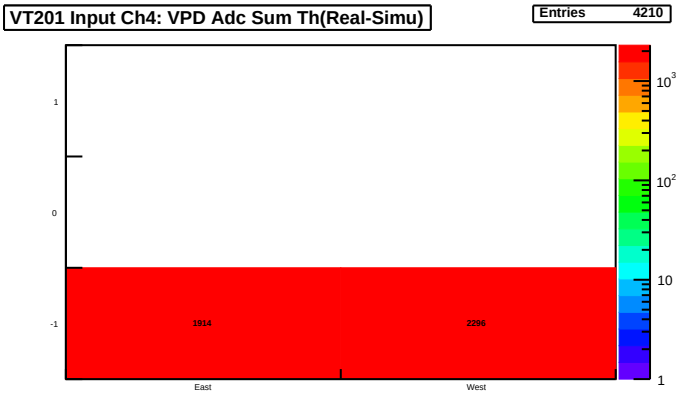

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2843200
11039
2631
14
11
10104
3963
58
49
344361
352769
355386
355389
345296
351437
355342
355351
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

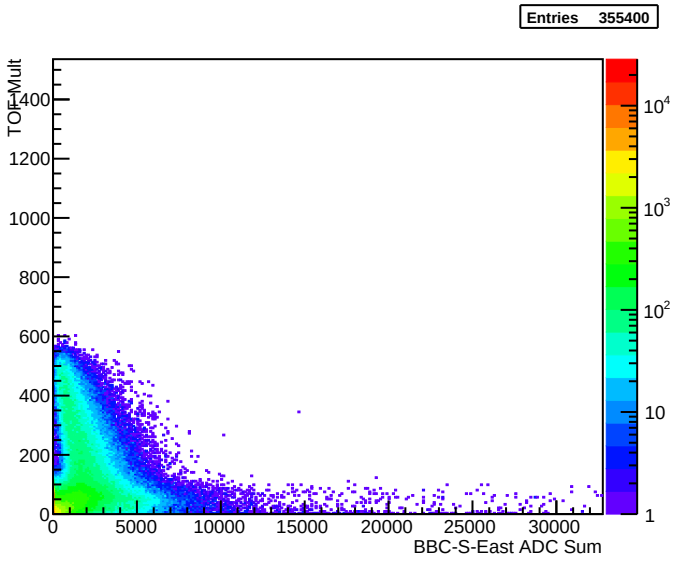

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

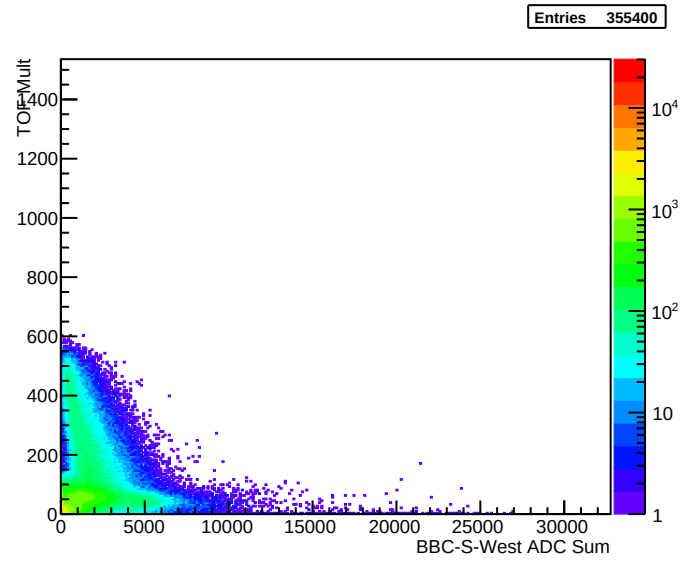

VT201 Input Ch4: VPD Tac Diff
Entries 355400
Tac

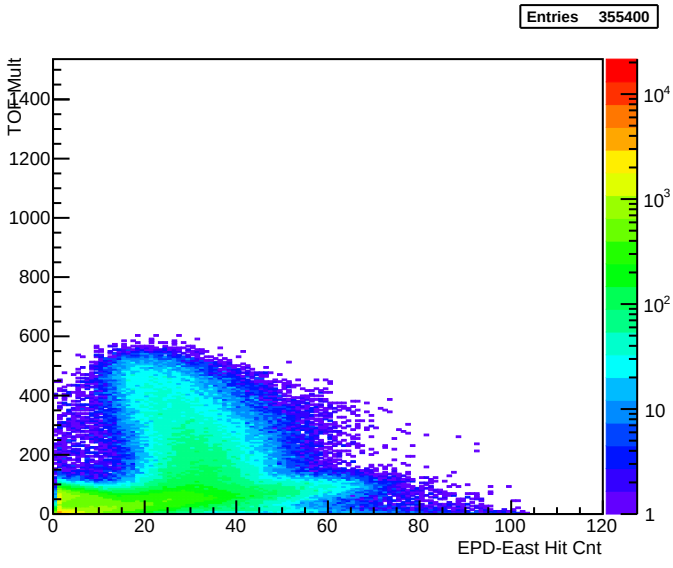

VT201 Input Ch4: VPD Tac Diff
Entries 1491
Simu
Real

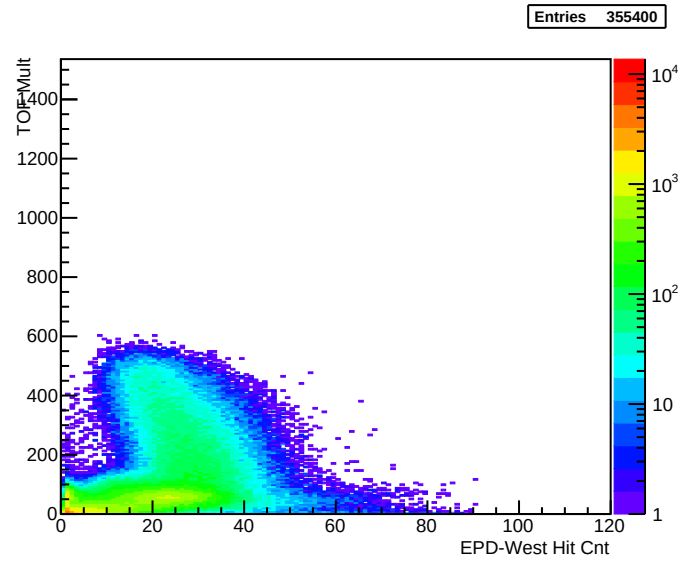

VT201 Input Ch4: VPD Adc Sum Th
Entries 710800
236793
270563
118607
84837
East
West

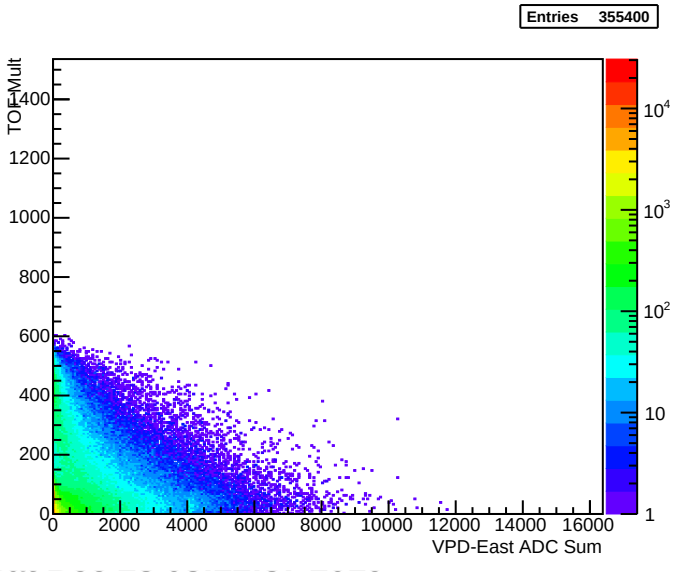

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 4210
1914
2296
East
West

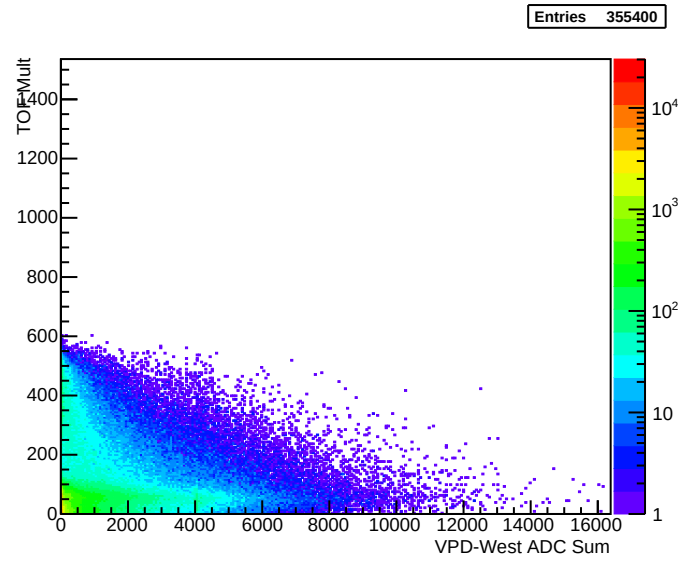

Entries 355400
TOF-Mult
BBC-S-East ADC Sum

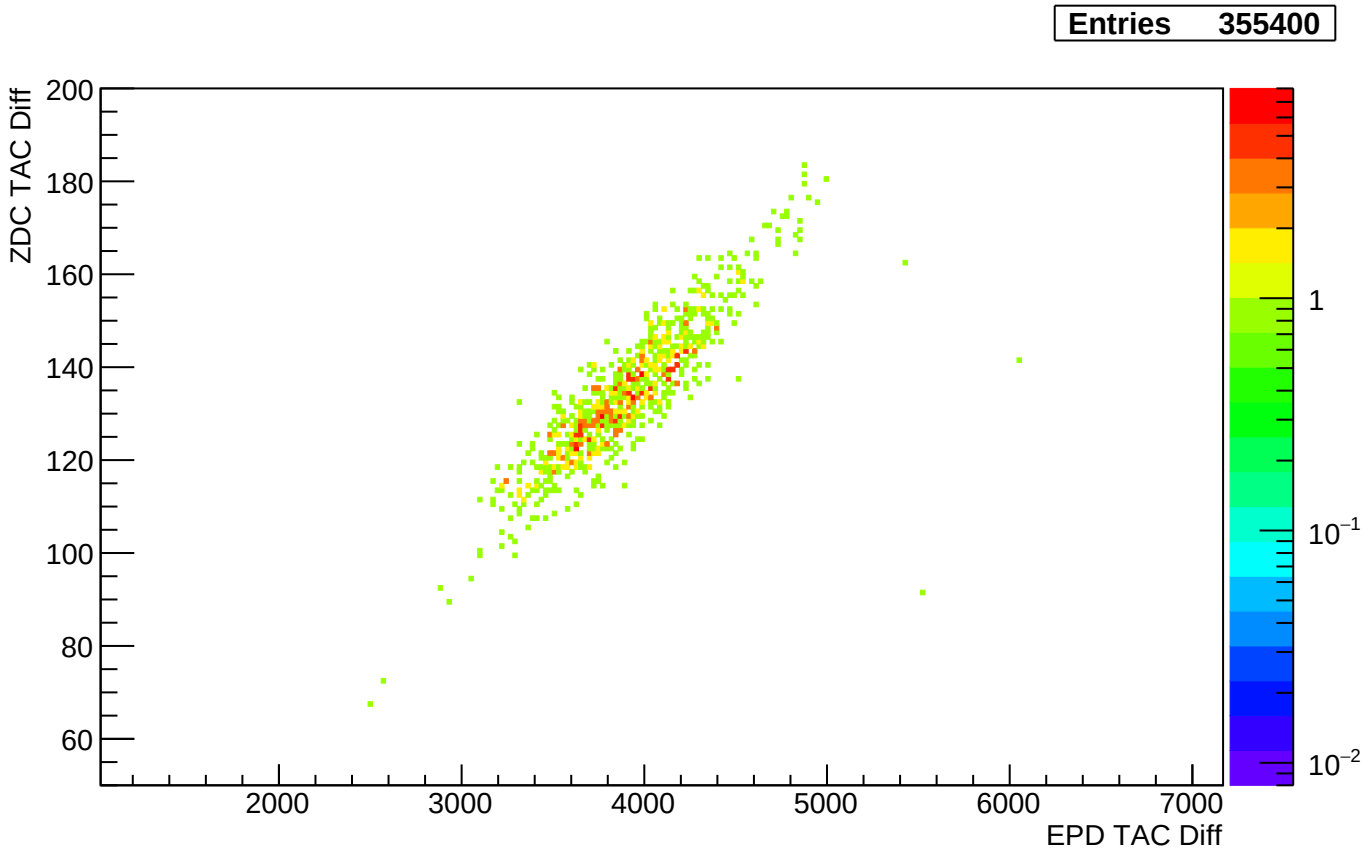

Entries 355400
TOF-Mult
BBC-S-West ADC Sum

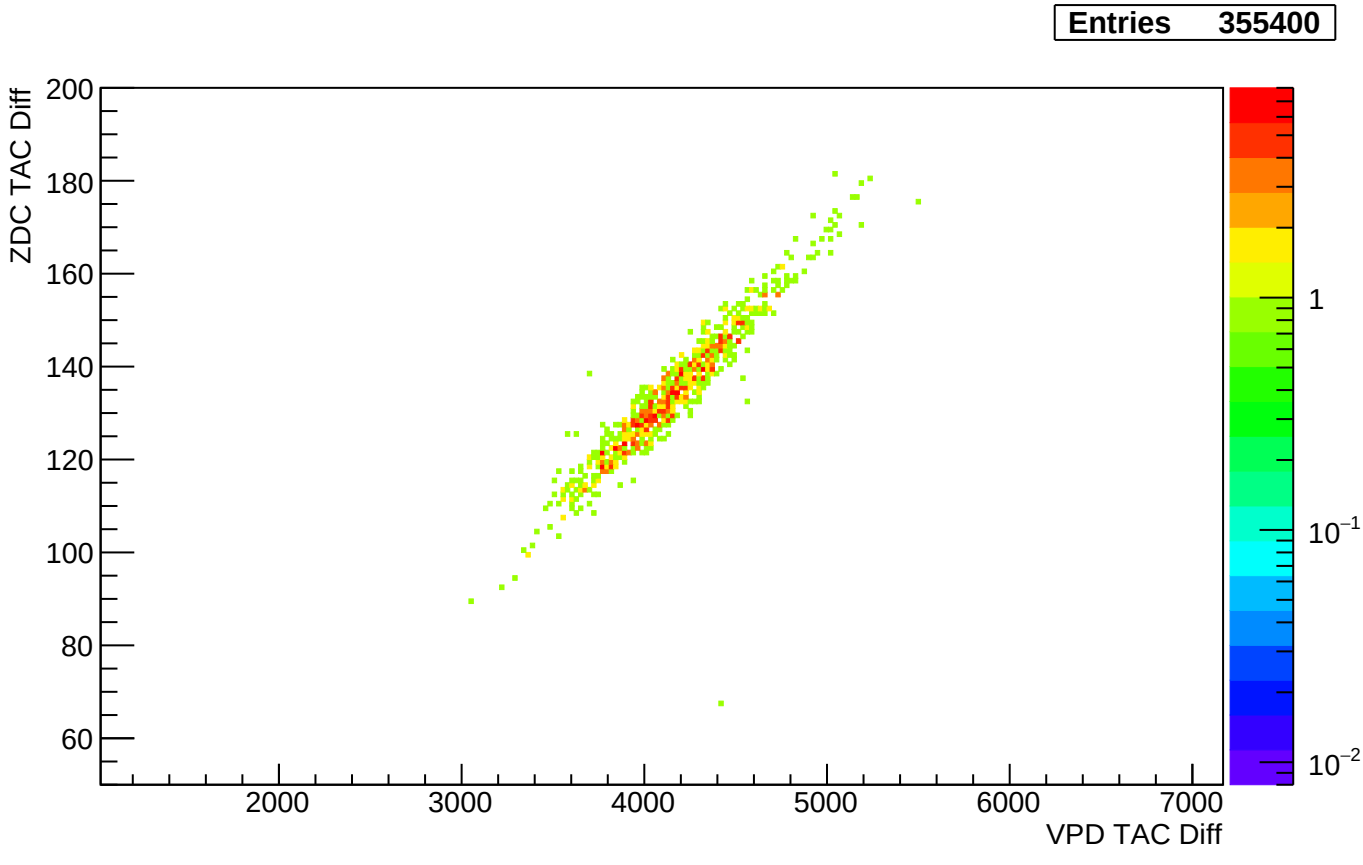

Entries 355400
TOF-Mult
EPD-East Hit Cnt

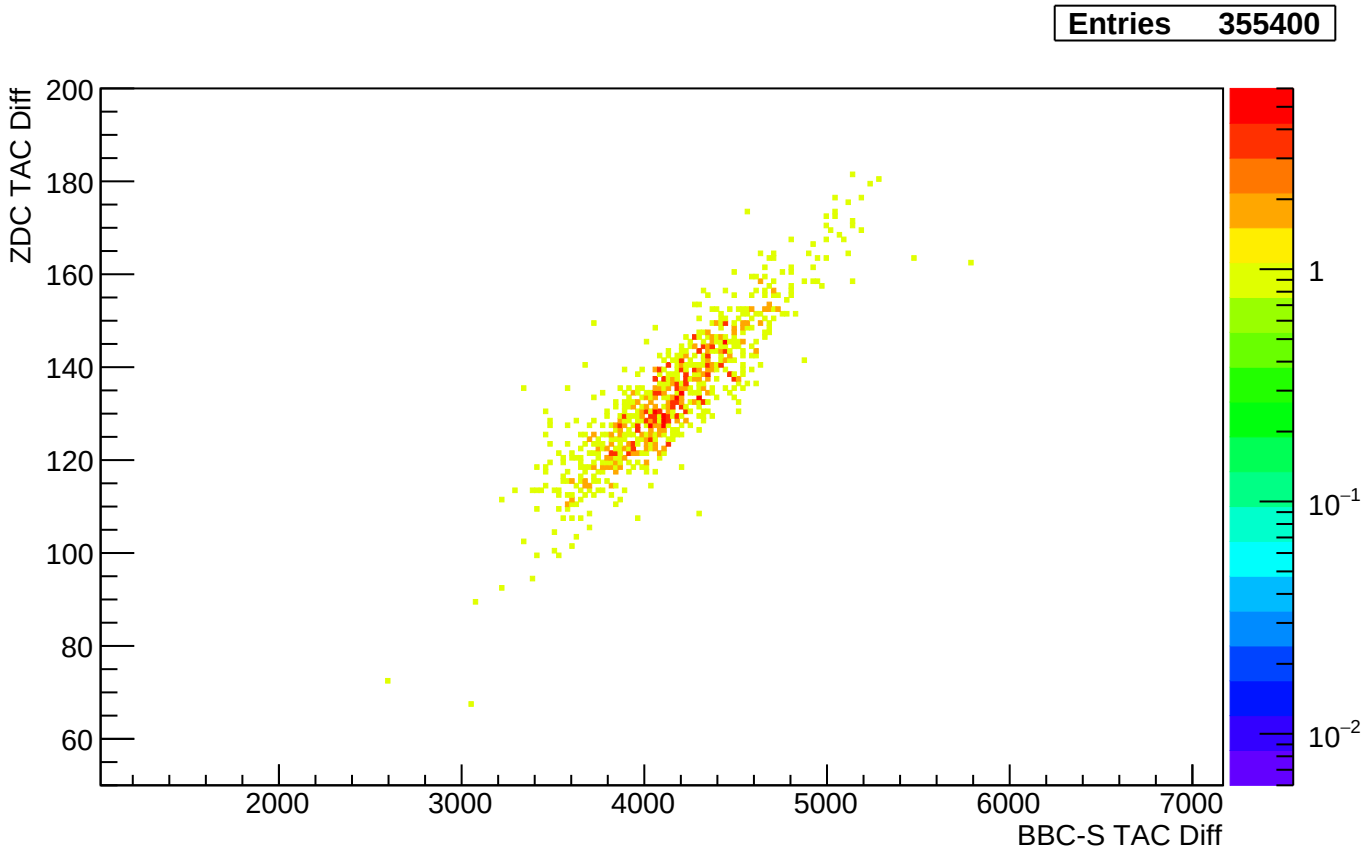

Entries 355400
TOF-Mult
EPD-West Hit Cnt

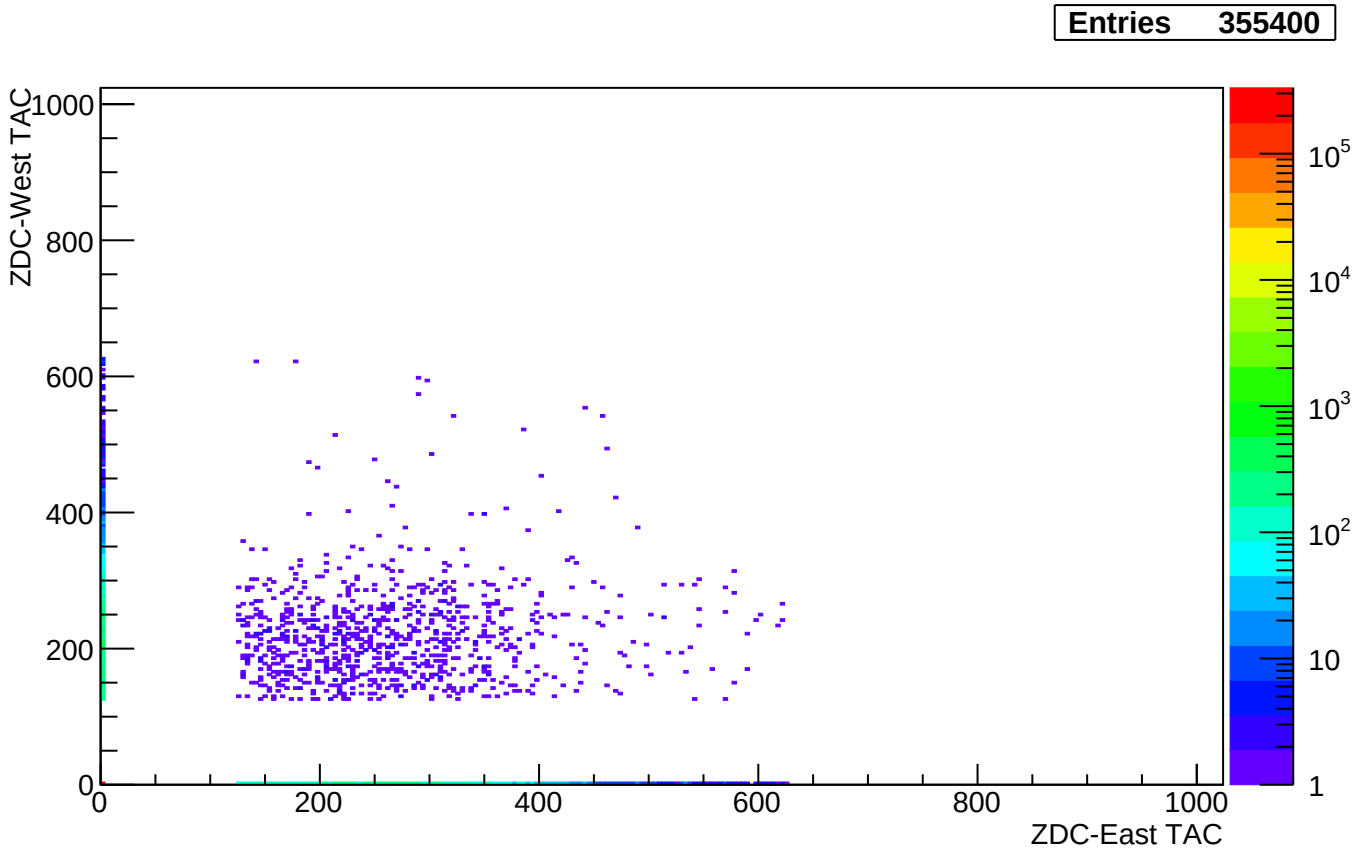

Entries 355400
TOF-Mult
VPD-East ADC Sum

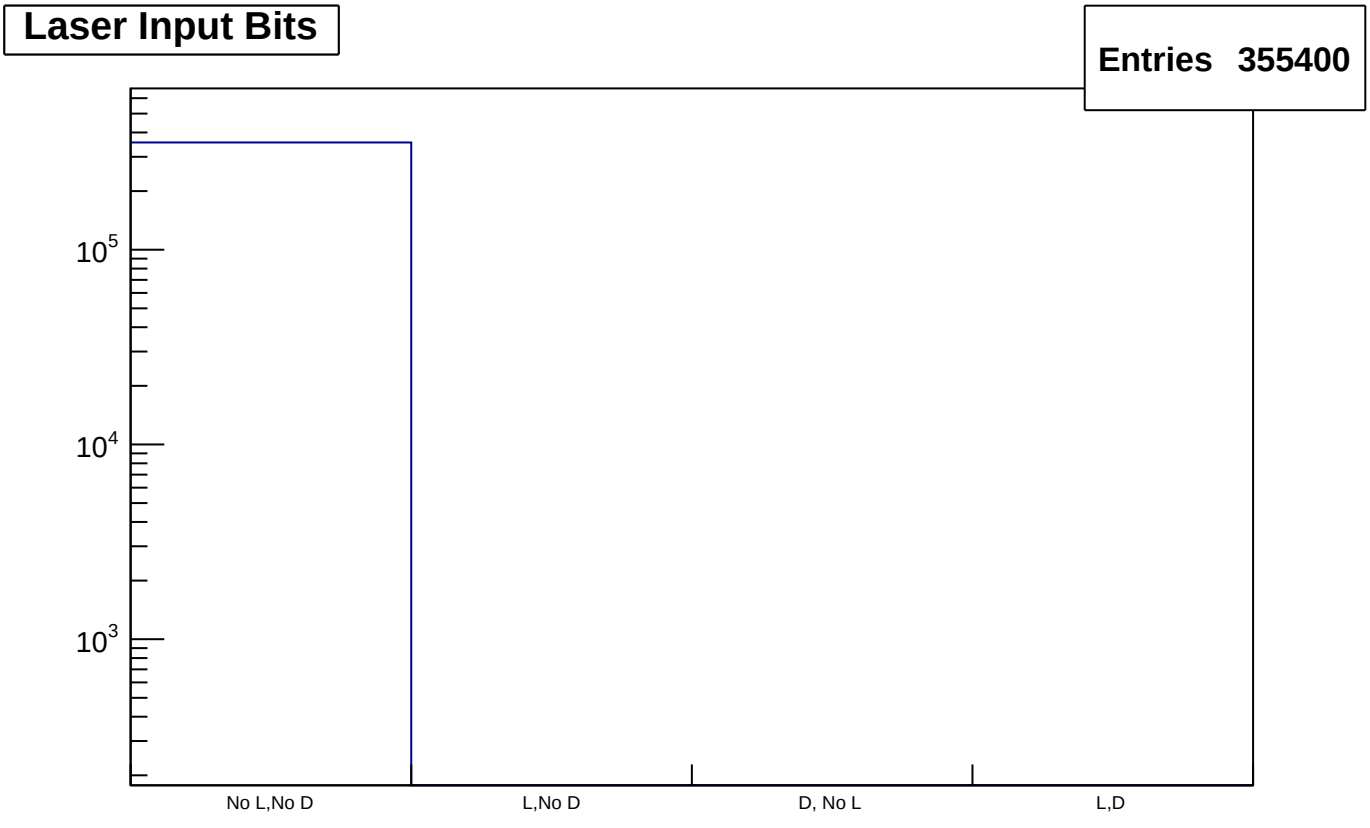

Entries 355400
TOF-Mult
VPD-West ADC Sum

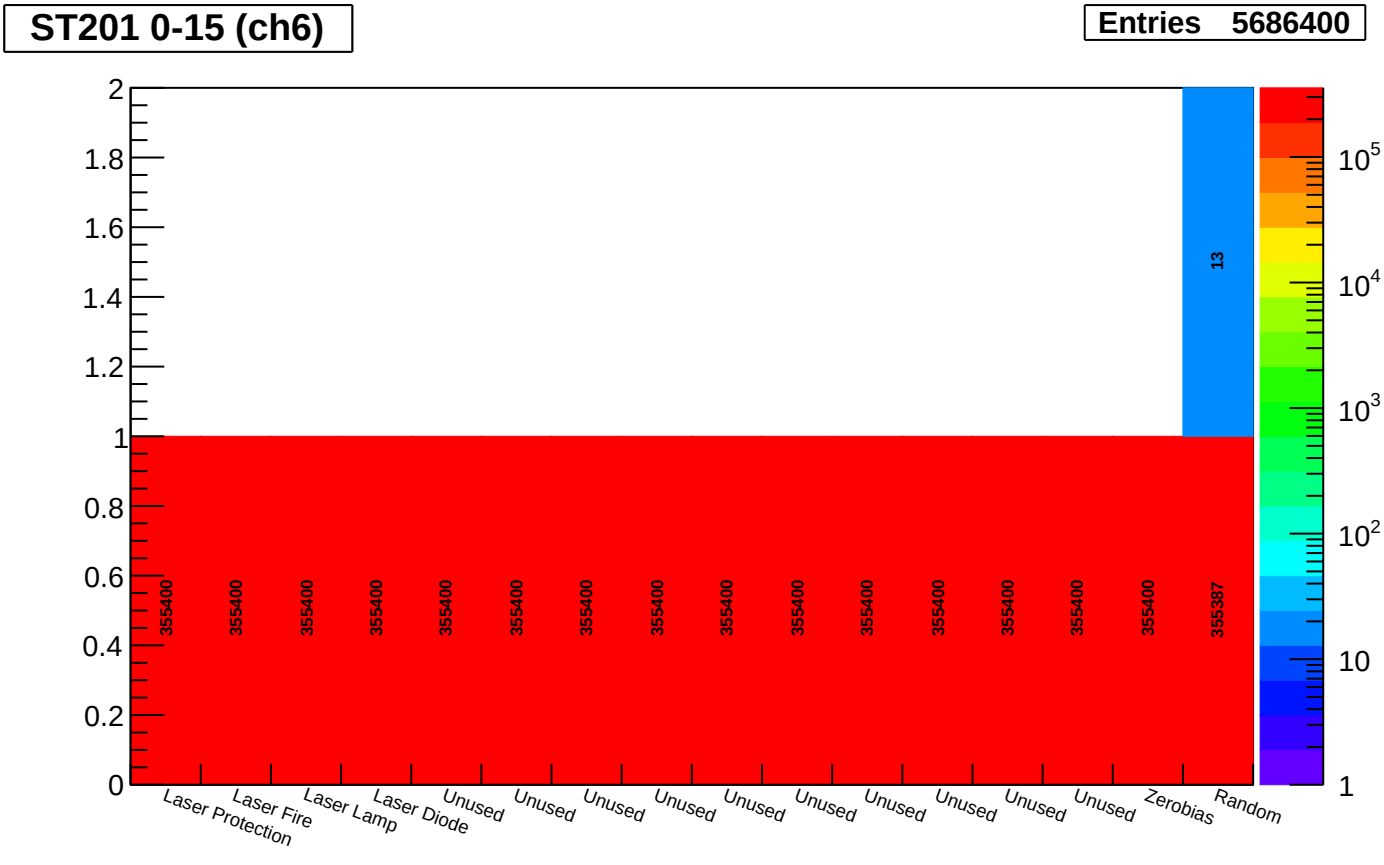

Entries 355400
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

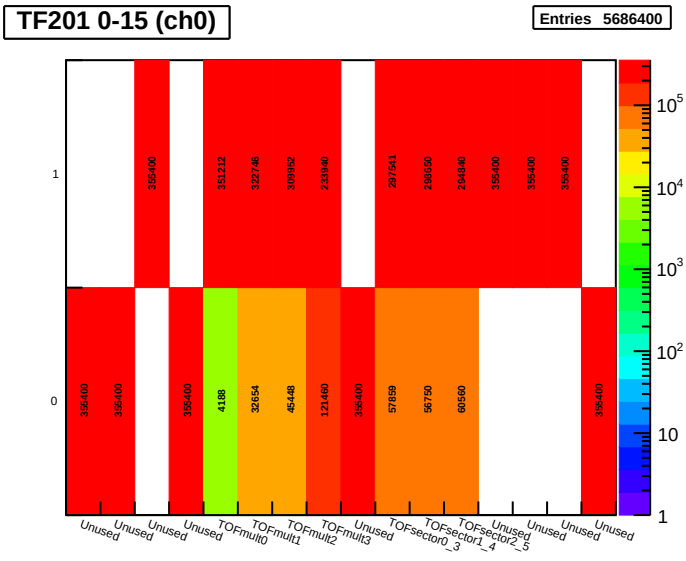

Entries 355400
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

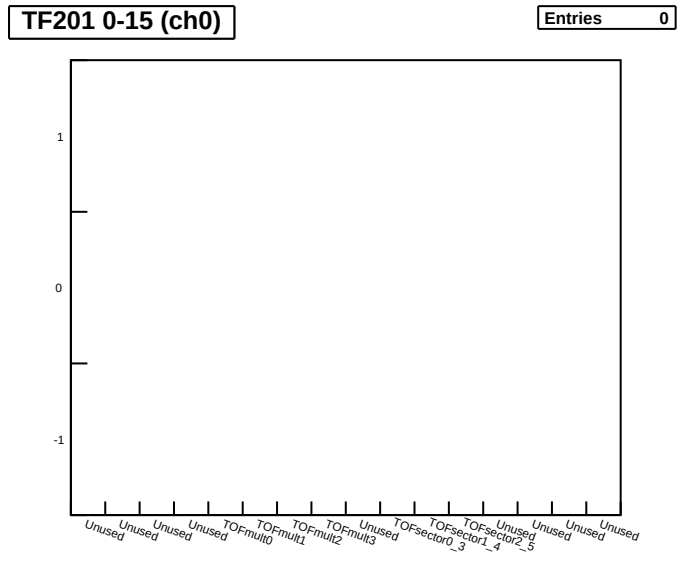

Entries 355400
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

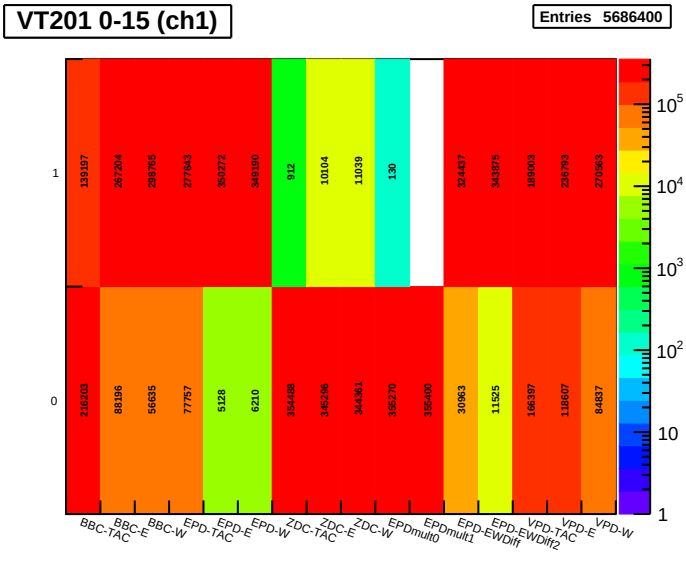

Entries 355400
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

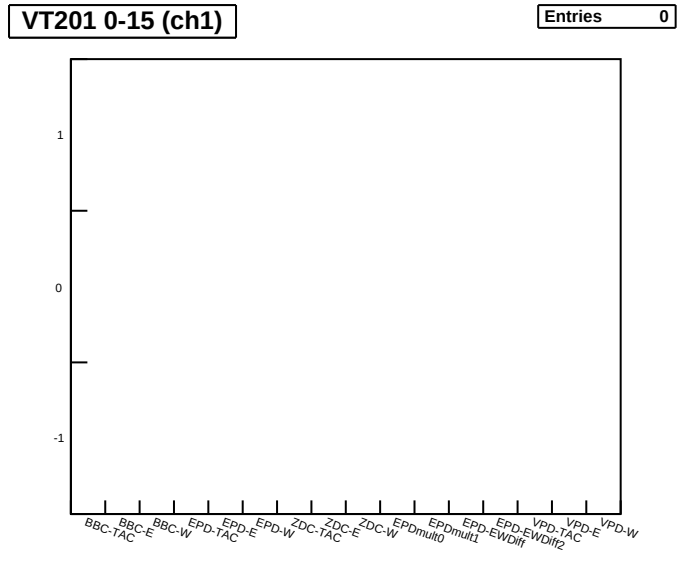

Laser Input Bits
Entries 355400
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

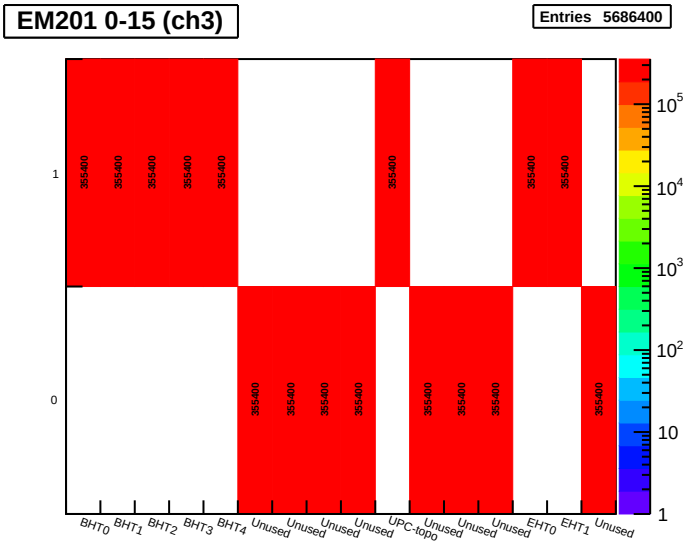

ST201 0-15 (ch6)
Entries 5686400
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13
355400
355387
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

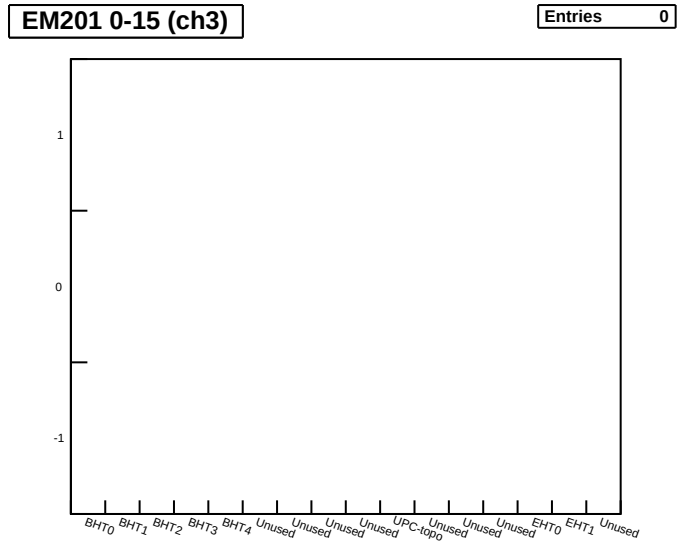

TF201 0-15 (ch0)
Entries 5686400
1
0
355400
351212
322746
309952
233940
297541
298659
294840
355400
355400
355400
355400
355400
4188
32654
45448
121460
355400
57859
56750
60560
355400
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5686400
1
0
139157
267204
298765
277643
350272
349190
912
10104
11039
130
324437
343875
189003
236793
270563
216203
88196
56635
77757
5128
6210
354488
345296
344361
355270
355400
30963
11525
166397
118607
84837
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 5686400
1
0
355400
355400
355400
355400
355400
355400
355400
355400
355400
355400
355400
355400
355400
355400
355400
355400
355400
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