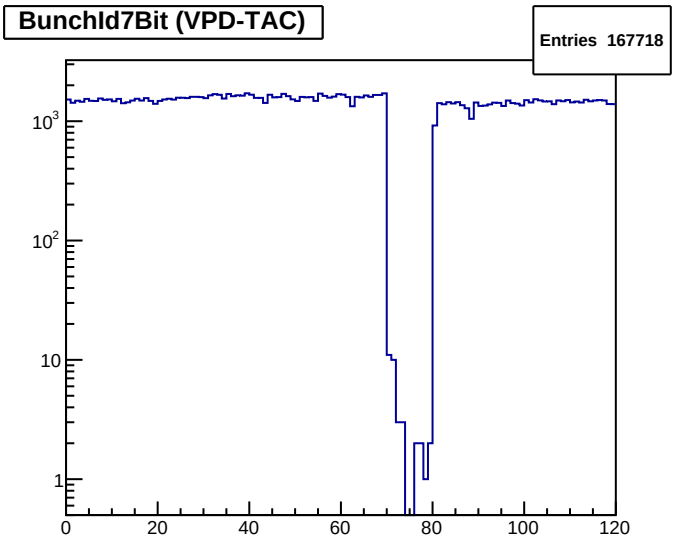
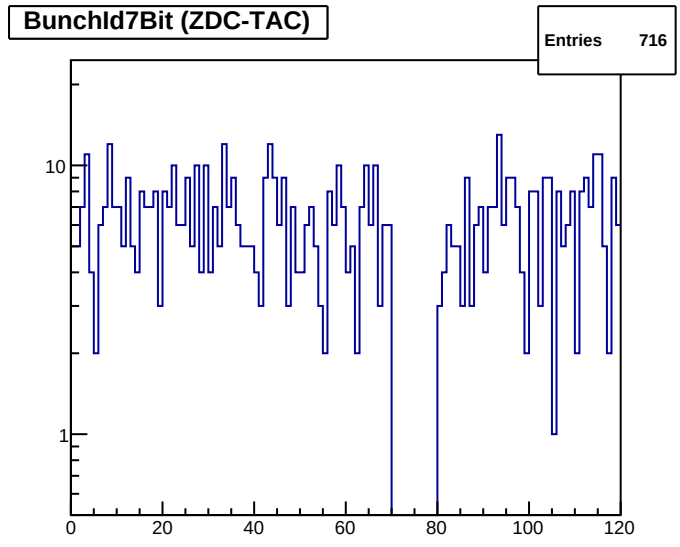
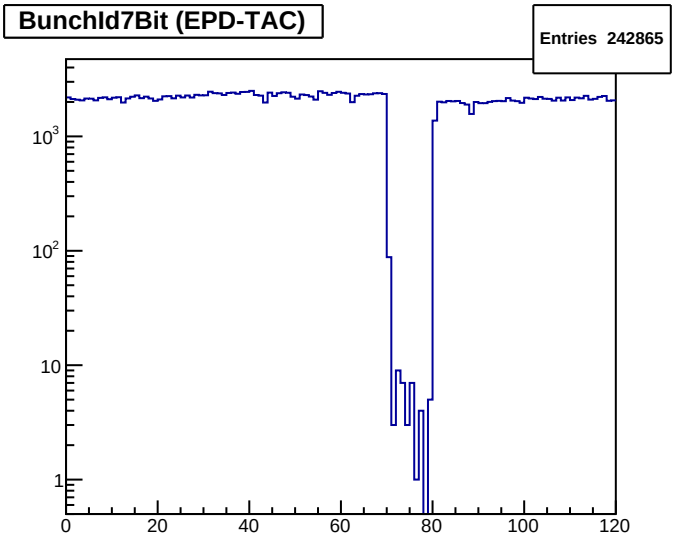
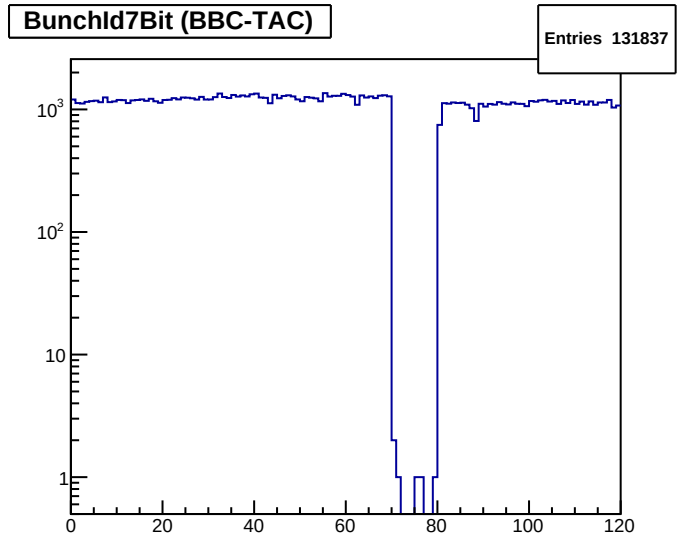
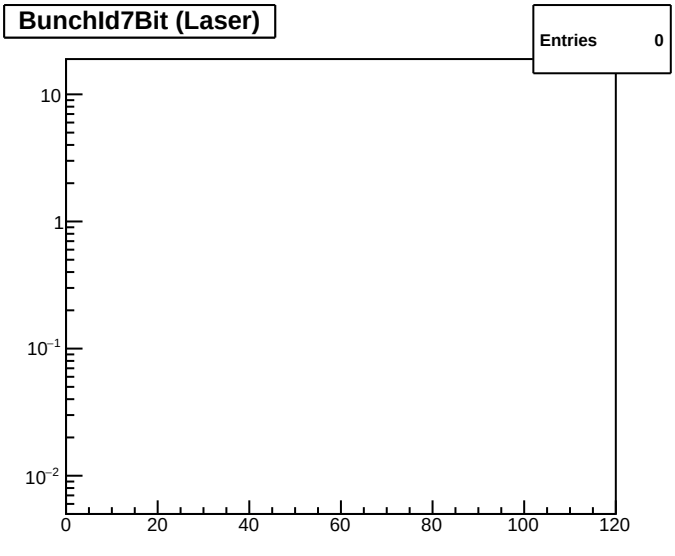
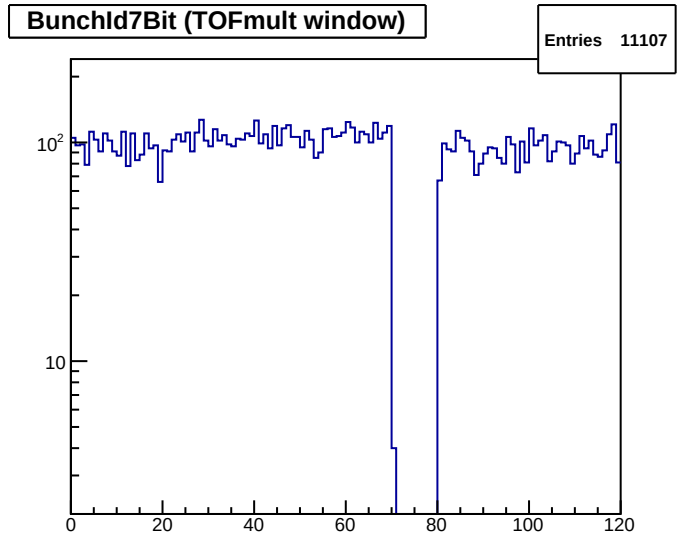

BunchId7Bit (VPD-TAC)
Entries 167718

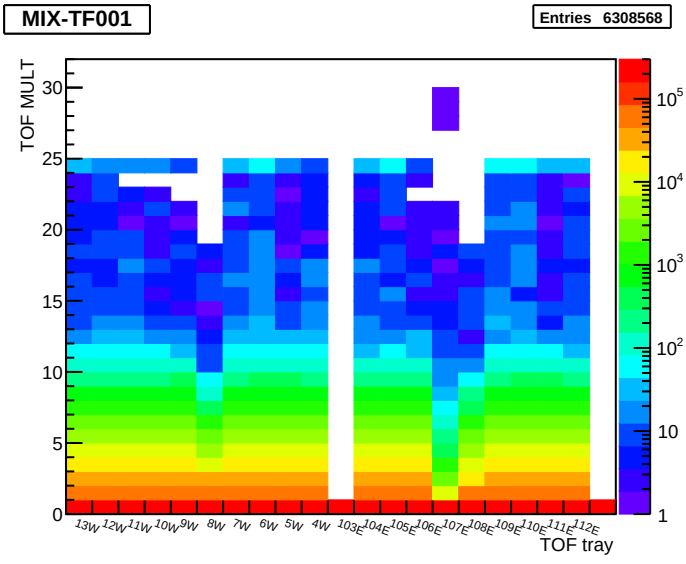

BunchId7Bit (ZDC-TAC)
Entries 716

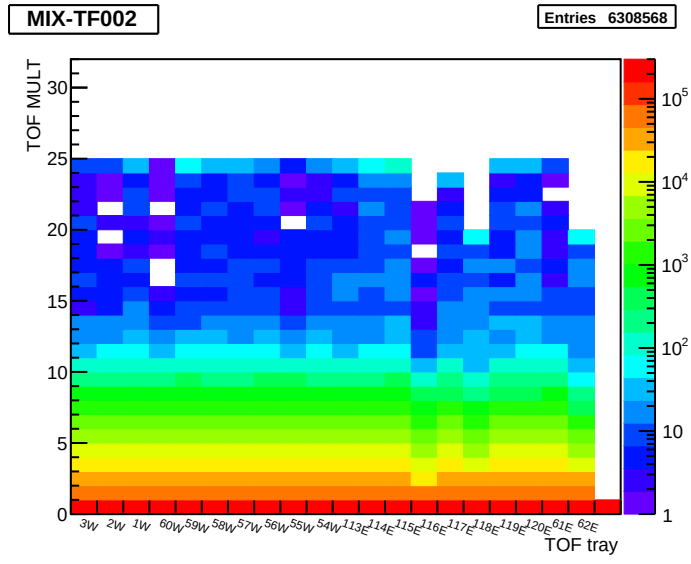

BunchId7Bit (EPD-TAC)
Entries 242865

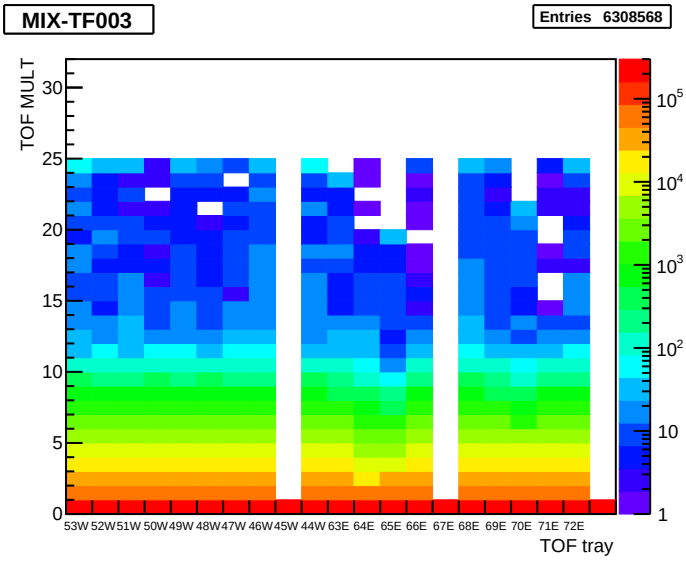

BunchId7Bit (BBC-TAC)
Entries 131837

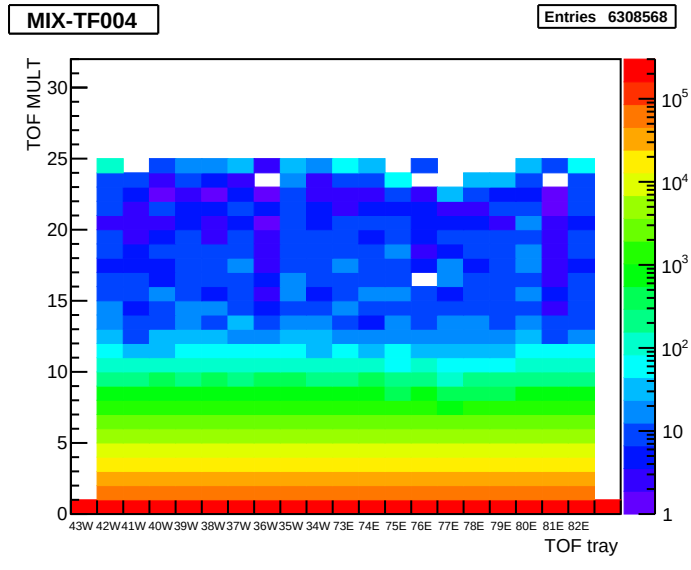

BunchId7Bit (Laser)
Entries 0

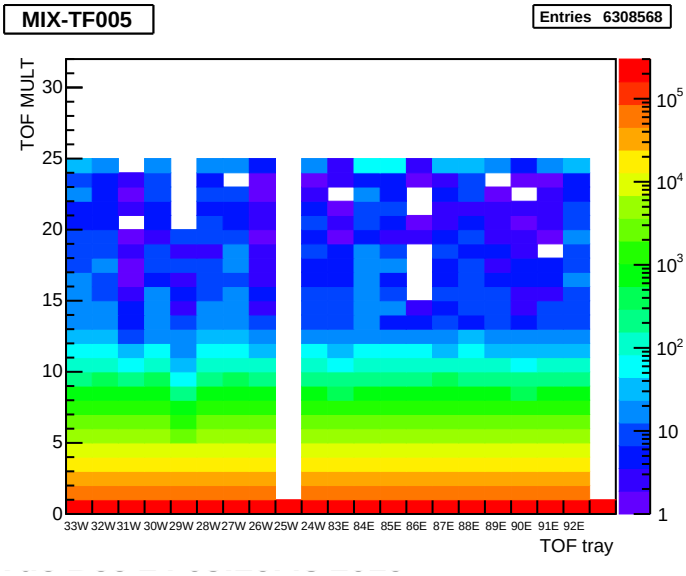

BunchId7Bit (TOFmult window)
Entries 11107

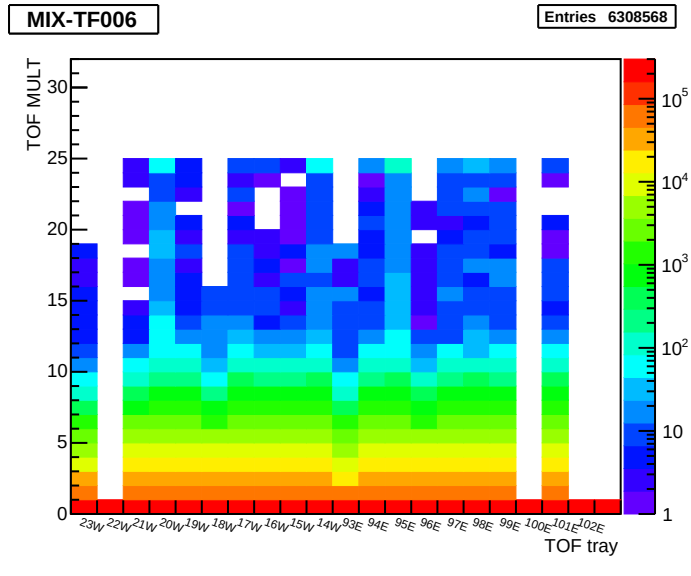

MIX-TF001
Entries 6308568
TOF MULT
TOF tray

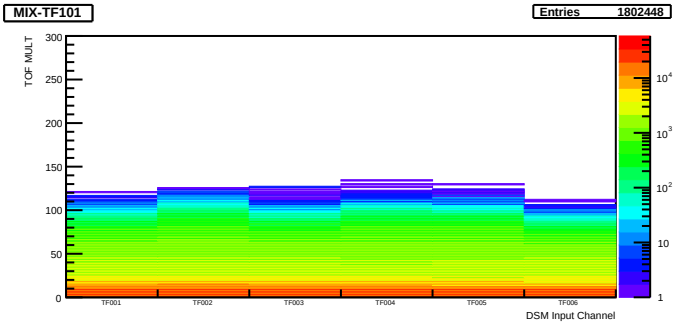

MIX-TF002
Entries 6308568
TOF MULT
TOF tray

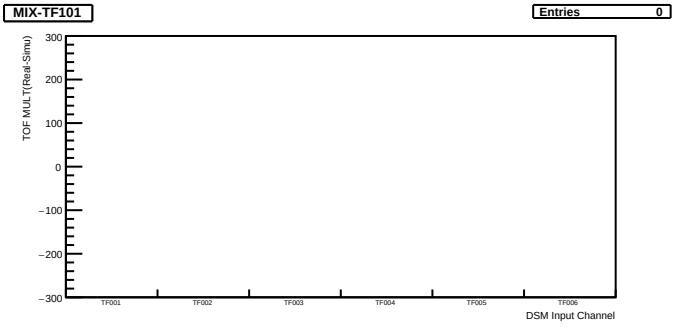

MIX-TF003
Entries 6308568
TOF MULT
TOF tray

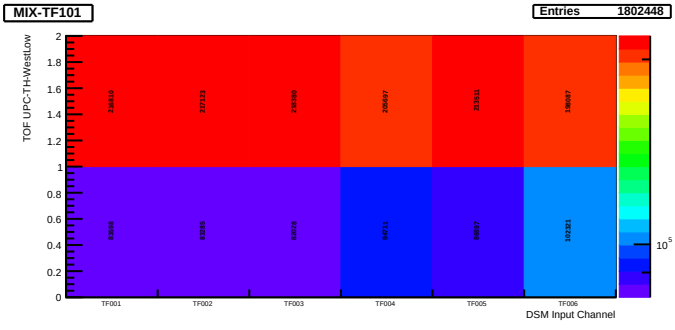

MIX-TF004
Entries 6308568
TOF MULT
TOF tray

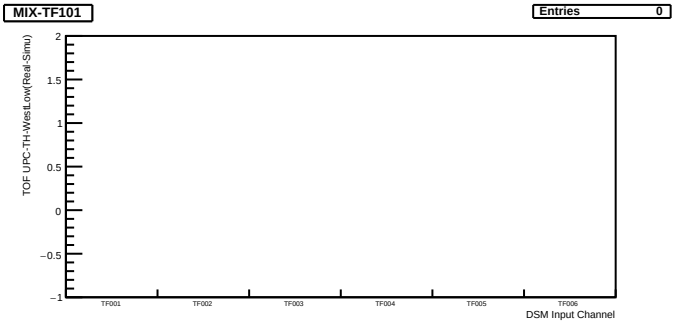

MIX-TF005
Entries 6308568
TOF MULT
TOF tray

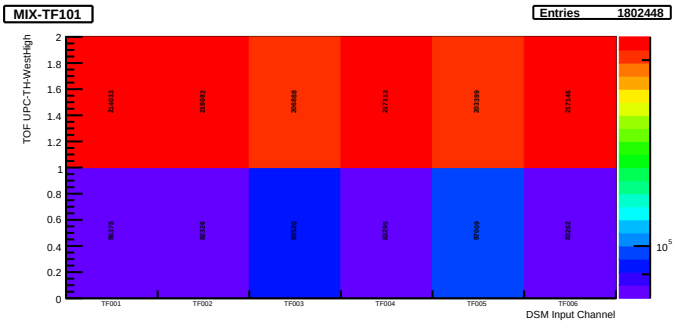

MIX-TF006
Entries 6308568
TOF MULT
TOF tray

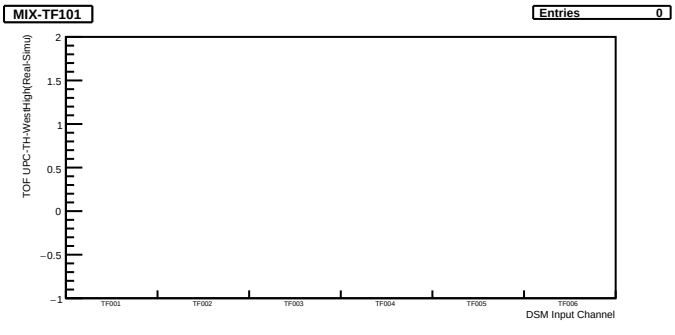

MIX-TF101
Entries 1802448
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

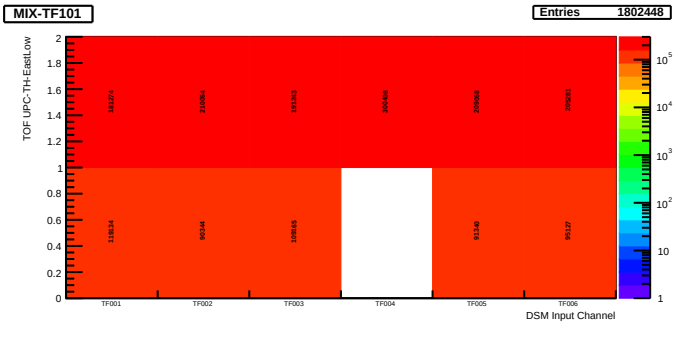

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

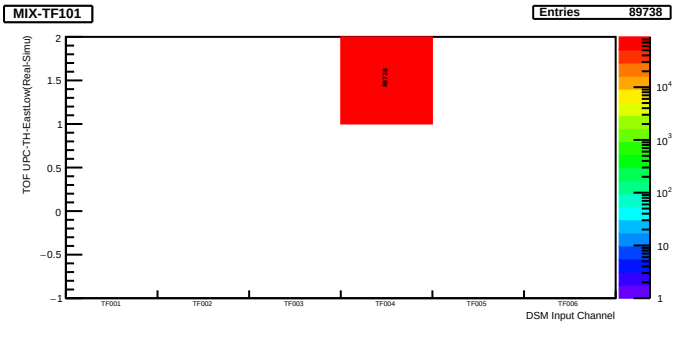

MIX-TF101
Entries 1802448
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

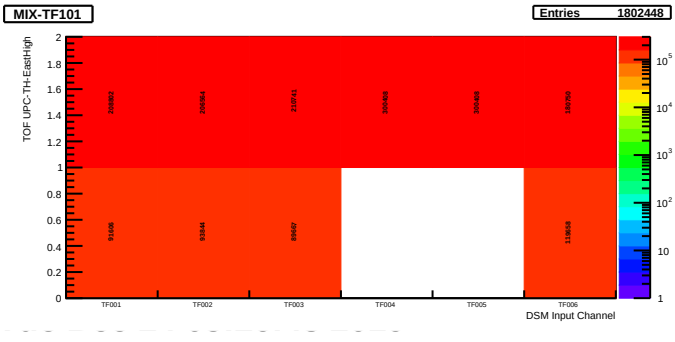

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

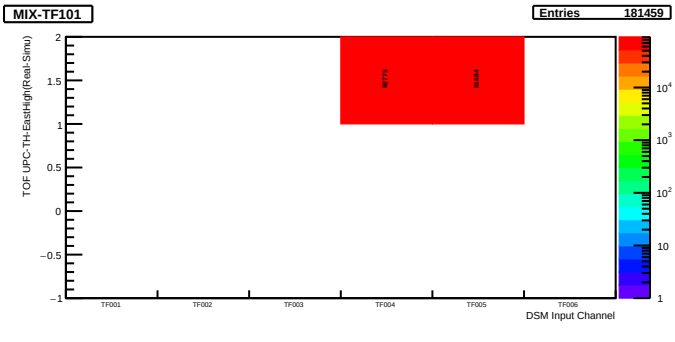

MIX-TF101
Entries 1802448
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

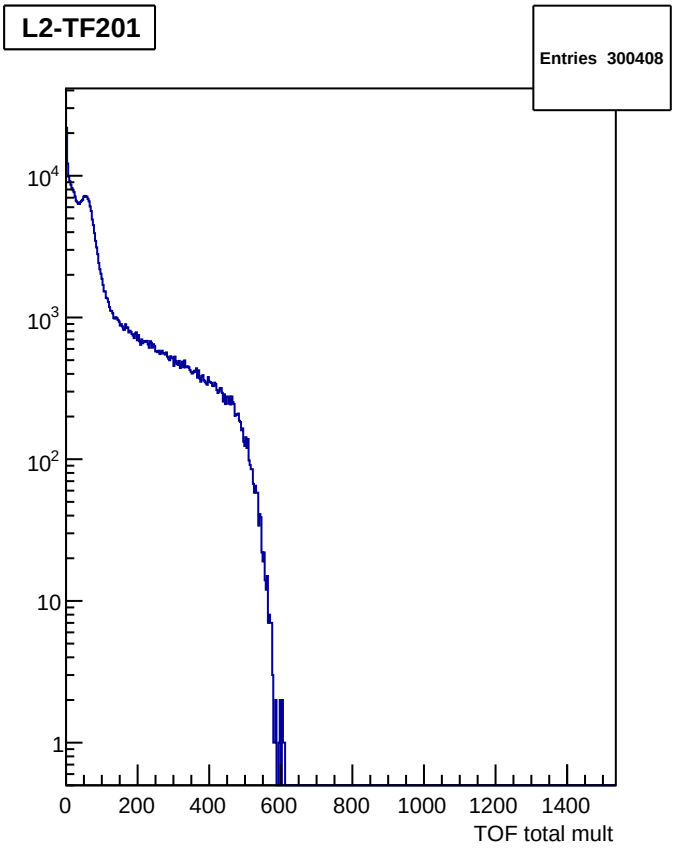

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

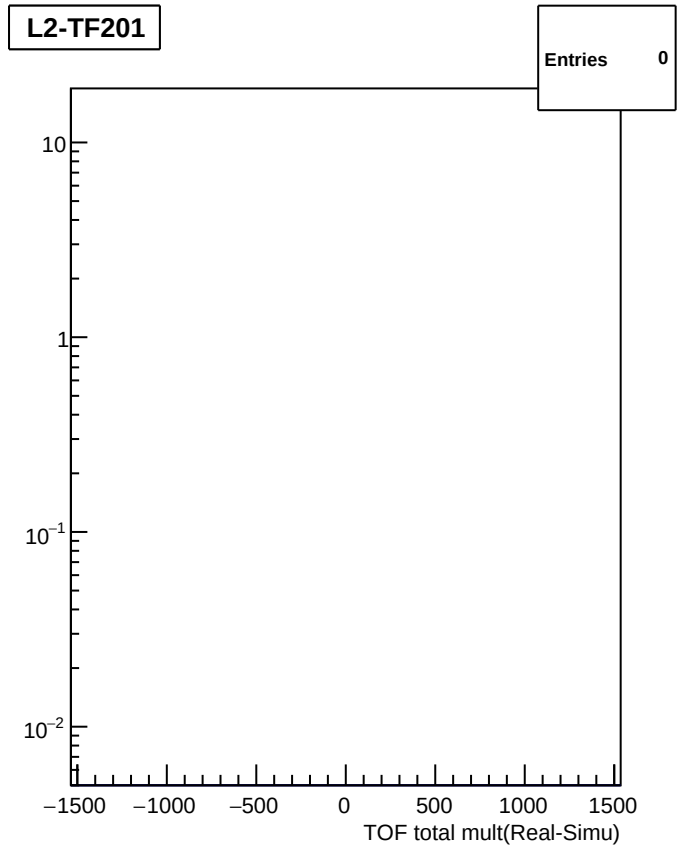

MIX-TF101
Entries 1802448
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

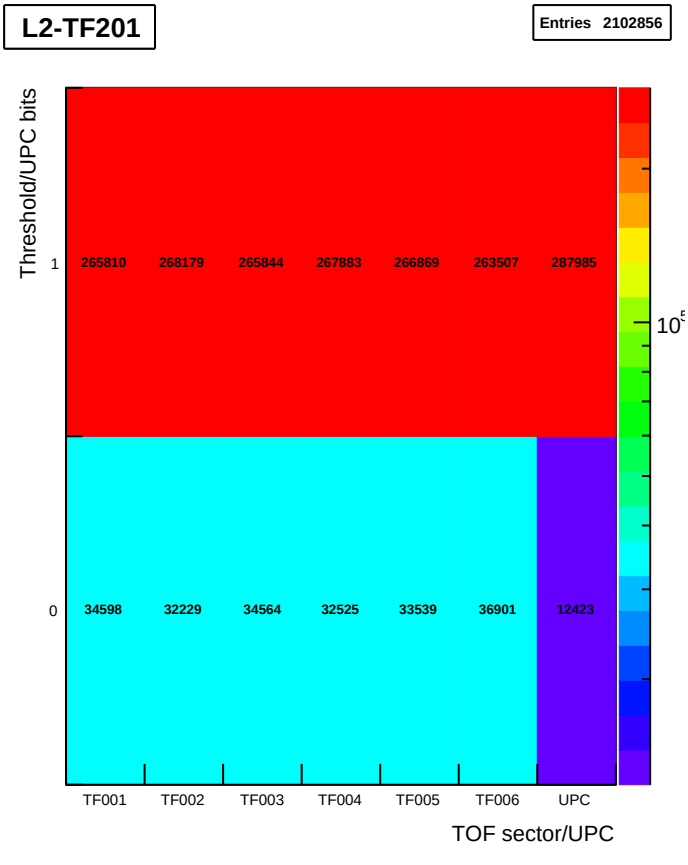

MIX-TF101
Entries 89738
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

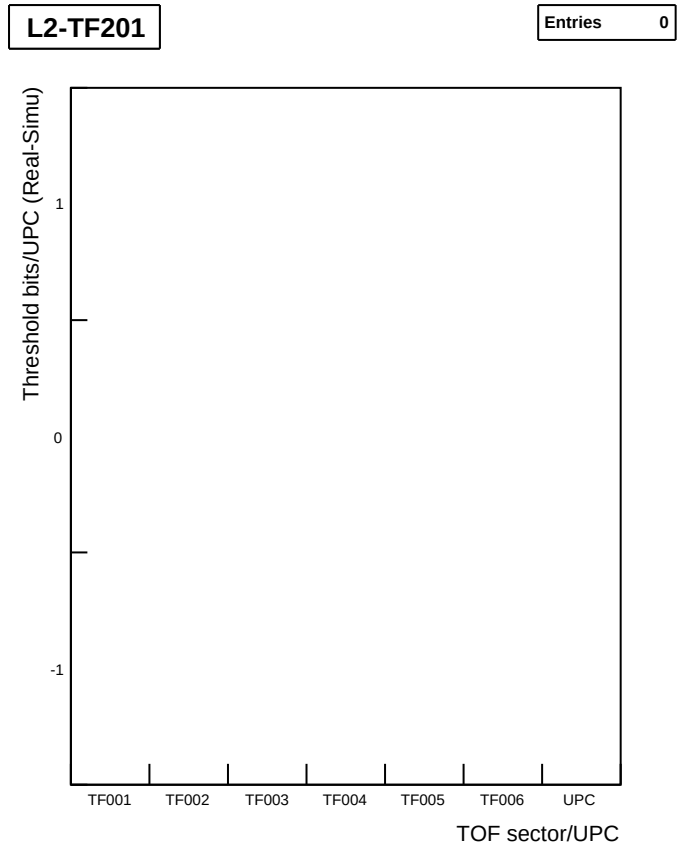

MIX-TF101
Entries 1802448
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

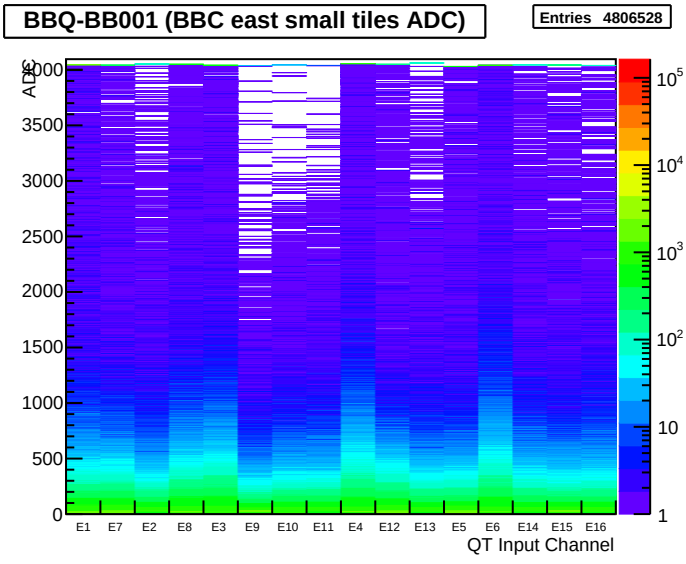

MIX-TF101
Entries 181459
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

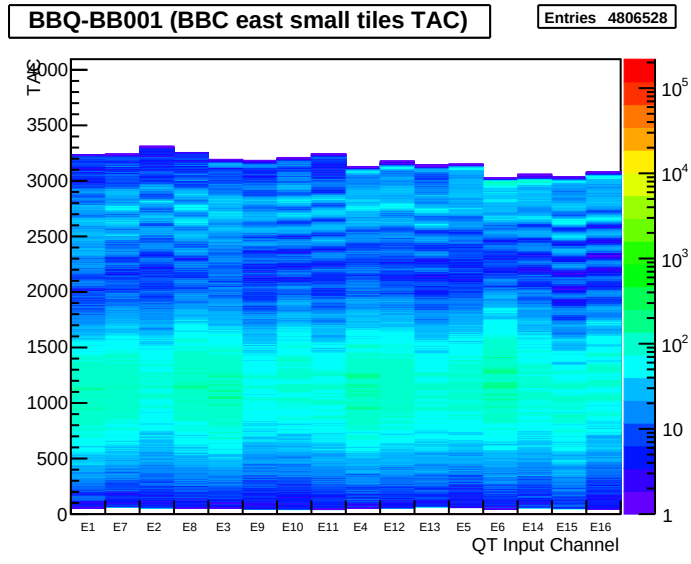

L2-TF201
Entries 300408
TOF total mult

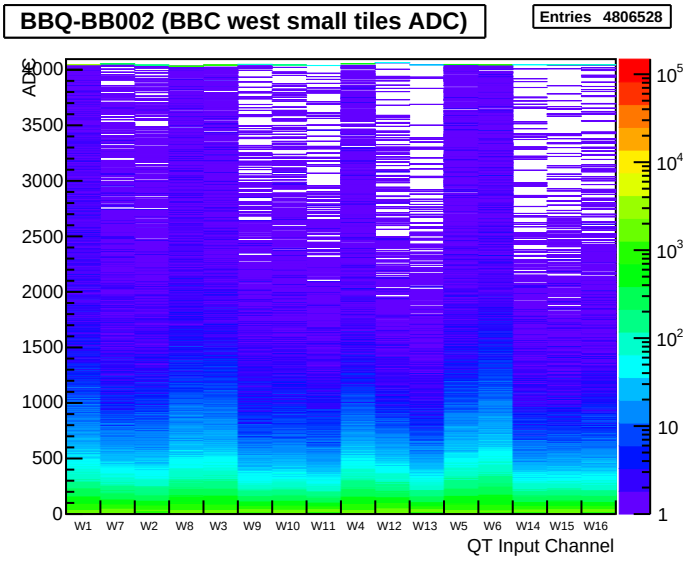

L2-TF201
Entries 0
TOF total mult(Real-Simu)

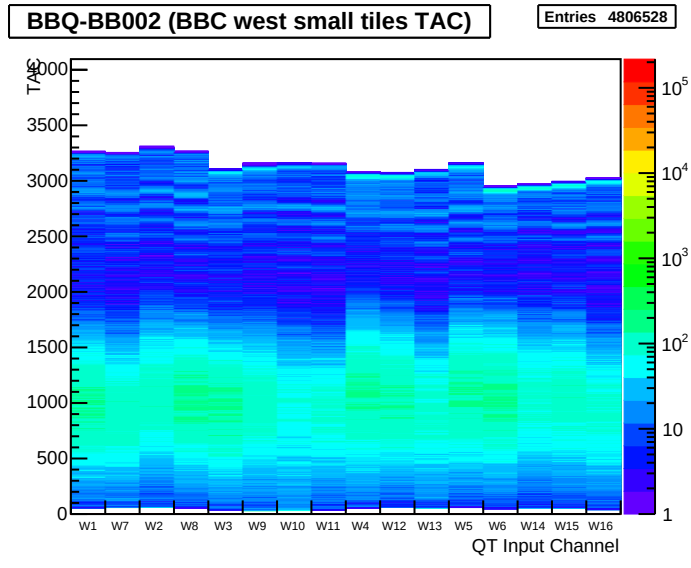

L2-TF201
Entries 2102856
Threshold/UPC bits
265810
268179
265844
267883
266869
263507
287985
34598
32229
34564
32525
33539
36901
12423
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

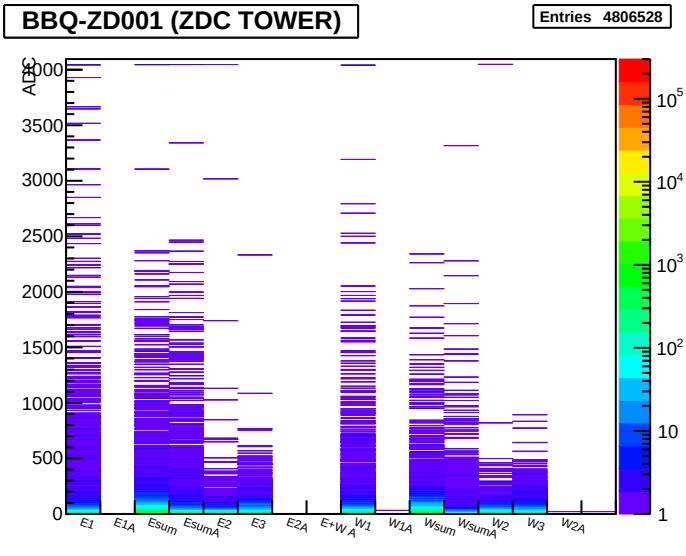

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

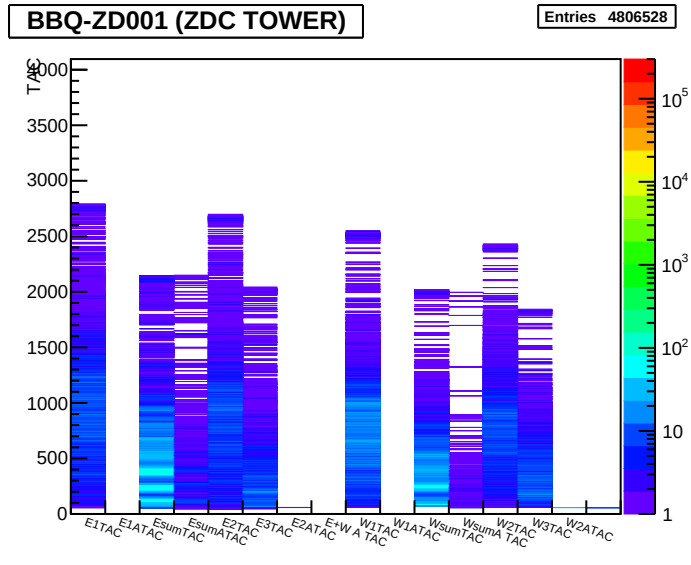

BBQ-BB001 (BBC east small tiles ADC)
Entries 4806528
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

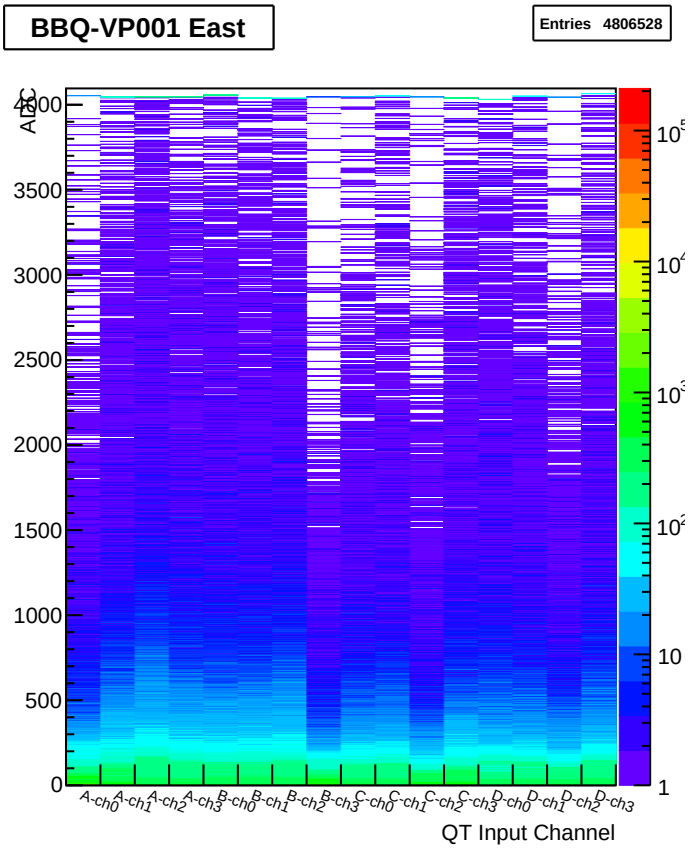

BBQ-BB001 (BBC east small tiles TAC)
Entries 4806528
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

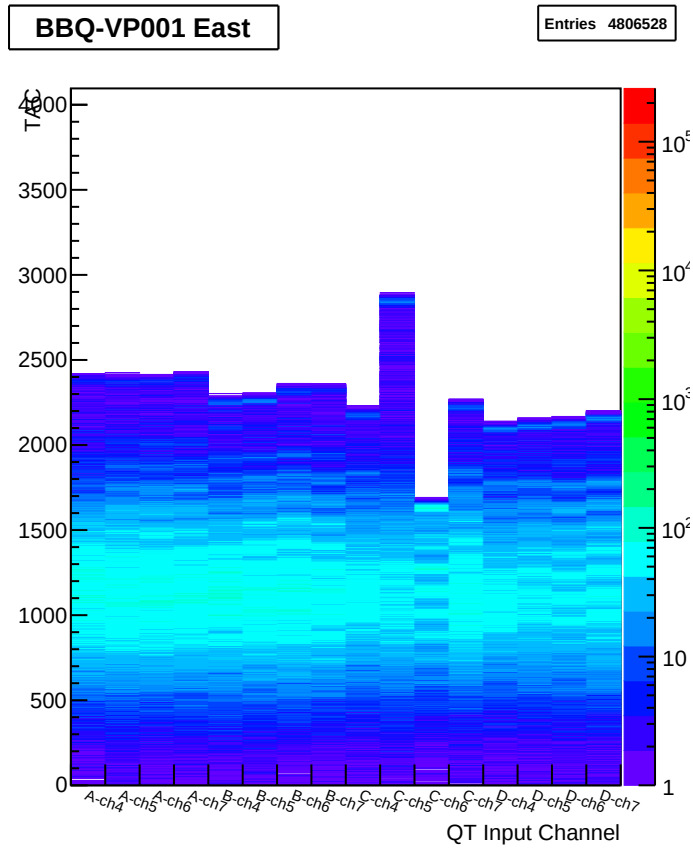

BBQ-BB002 (BBC west small tiles ADC)
Entries 4806528
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

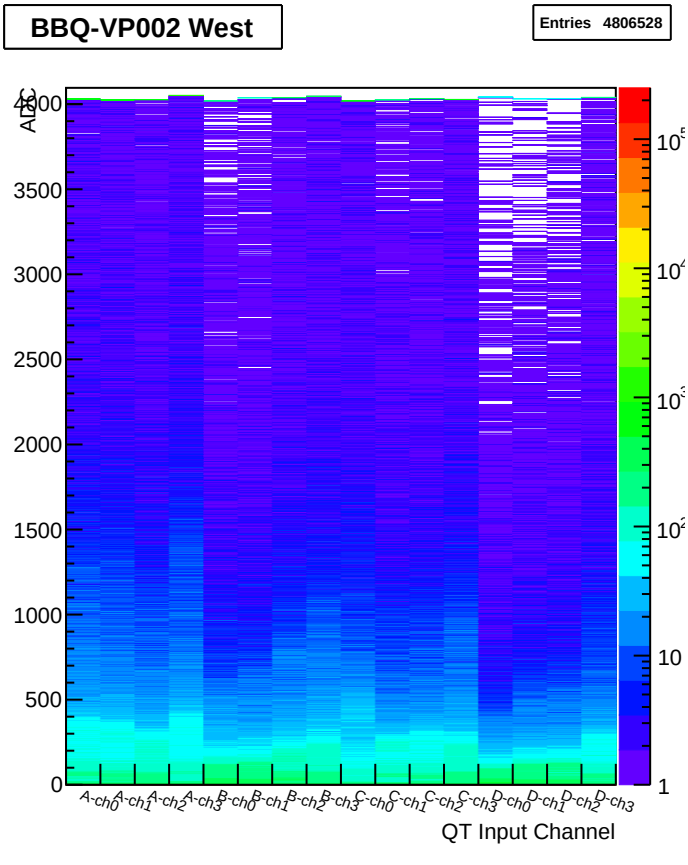

BBQ-BB002 (BBC west small tiles TAC)
Entries 4806528
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

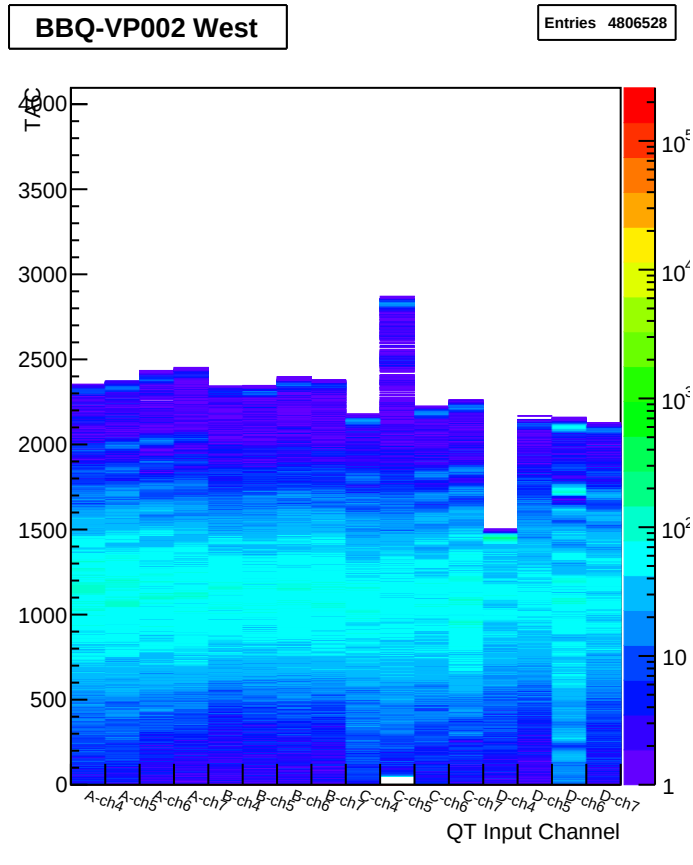

BBQ-ZD001 (ZDC TOWER)
Entries 4806528
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

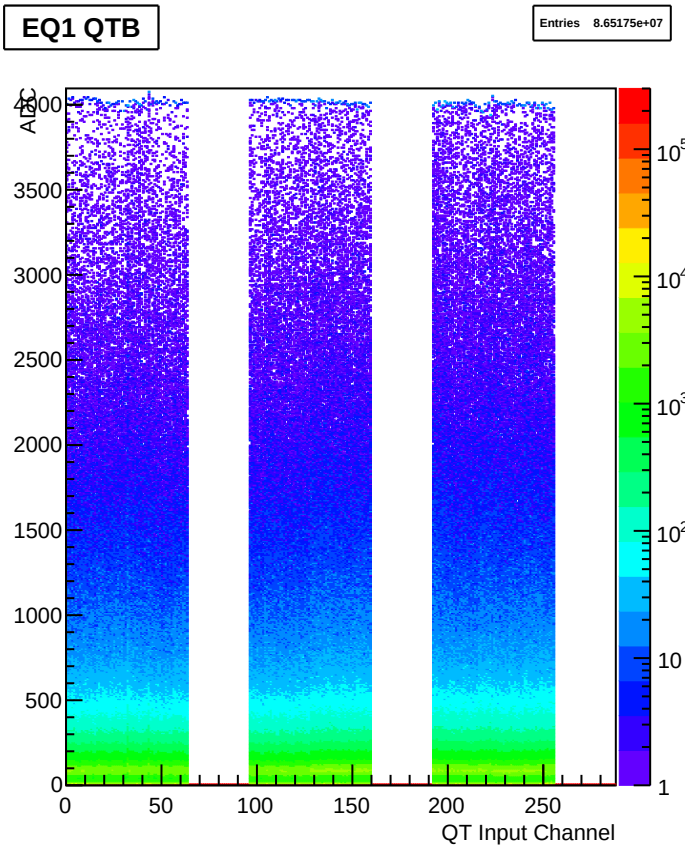

BBQ-ZD001 (ZDC TOWER)
Entries 4806528
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

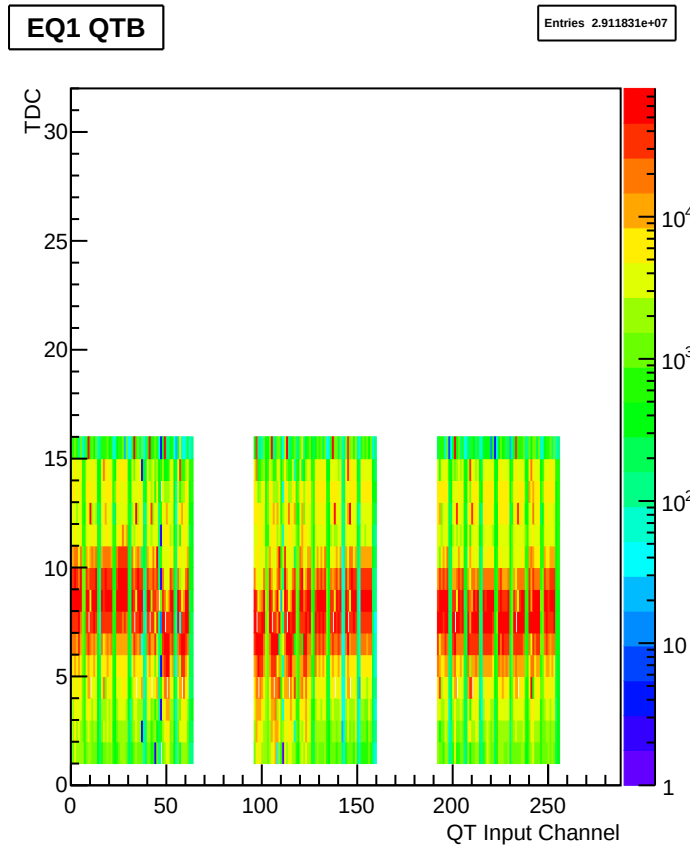

BBQ-VP001 East
Entries 4806528
ADC
QT Input Channel

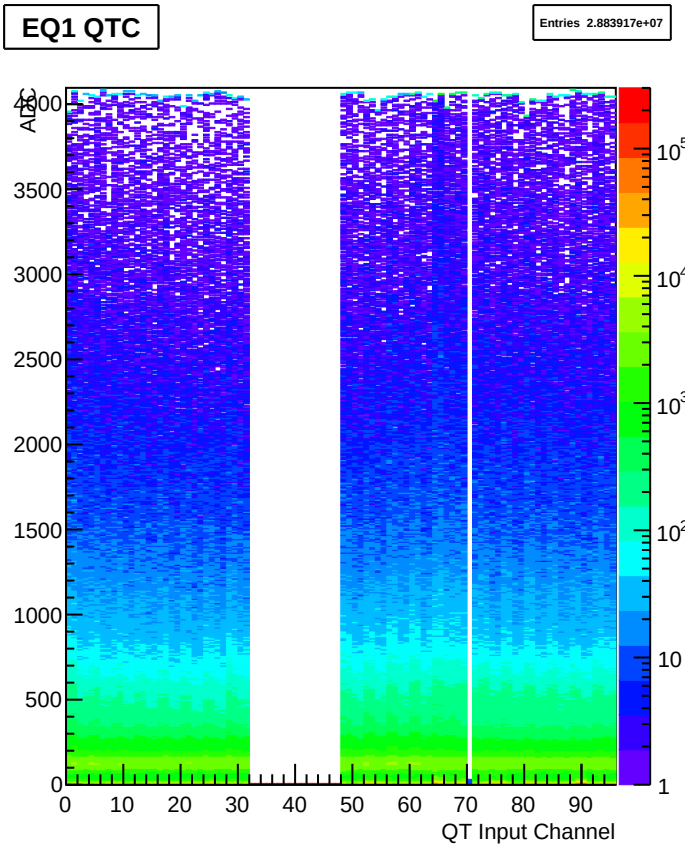

BBQ-VP001 East
Entries 4806528
TADC
QT Input Channel

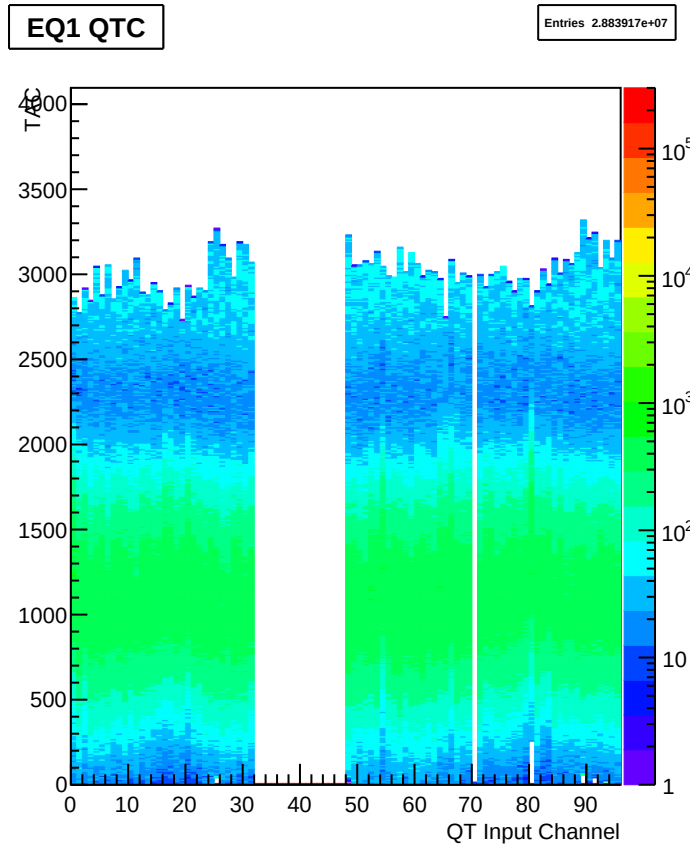

BBQ-VP002 West
Entries 4806528
ADC
QT Input Channel

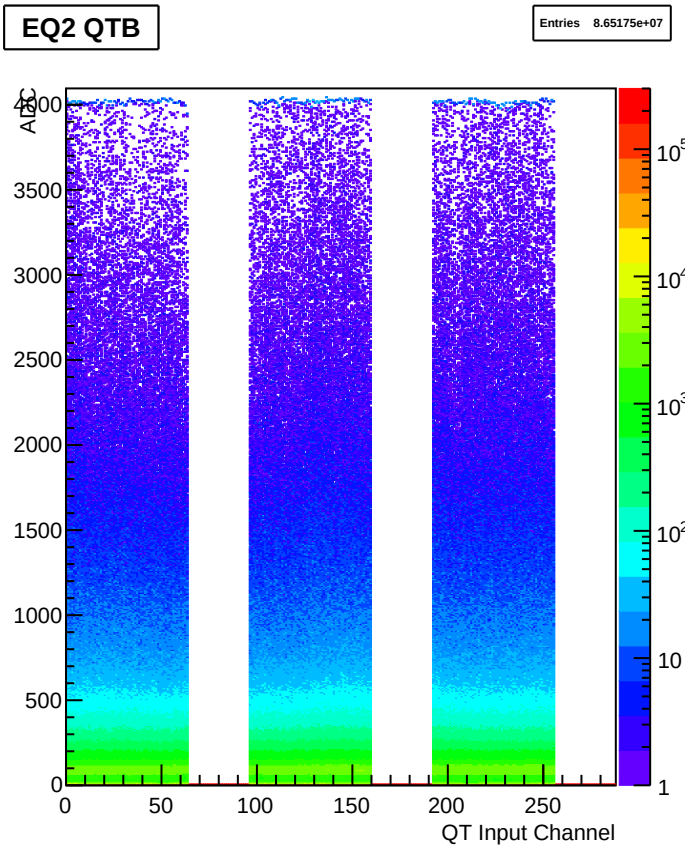

BBQ-VP002 West
Entries 4806528
TADC
QT Input Channel

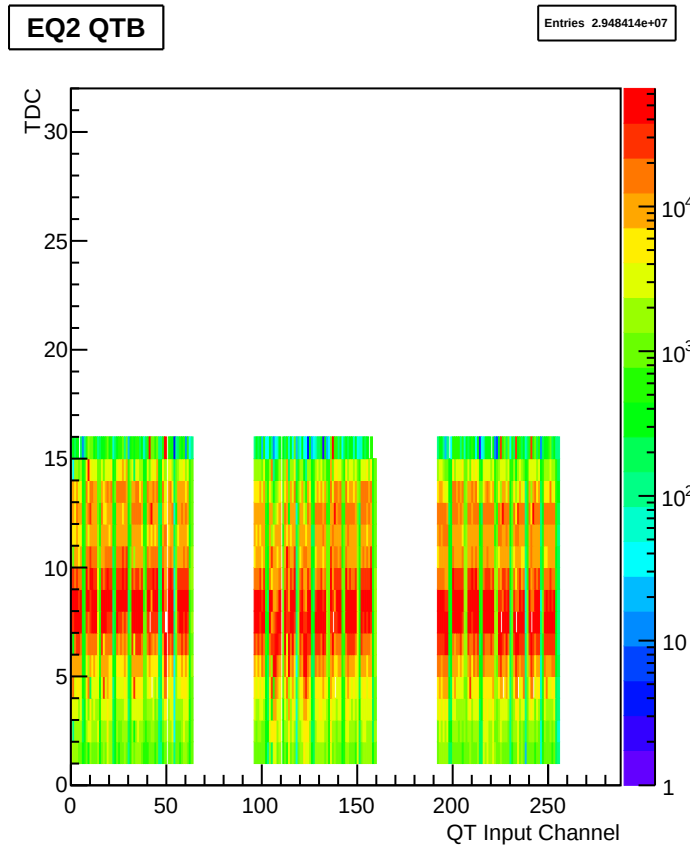

EQ1 QTB
Entries 8.65175e+07
ADC
QT Input Channel

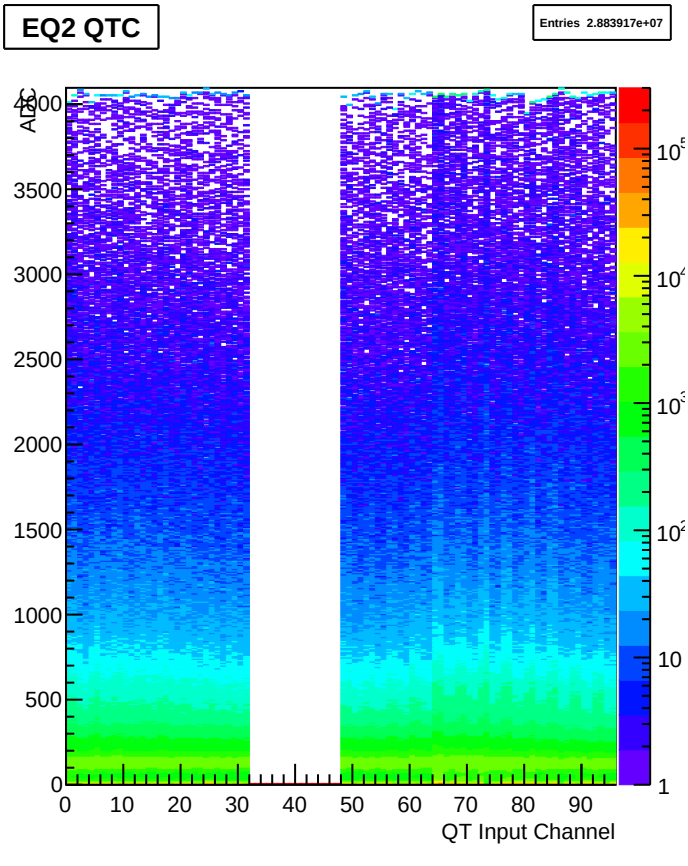

EQ1 QTB
Entries 2.911831e+07
TDC
QT Input Channel

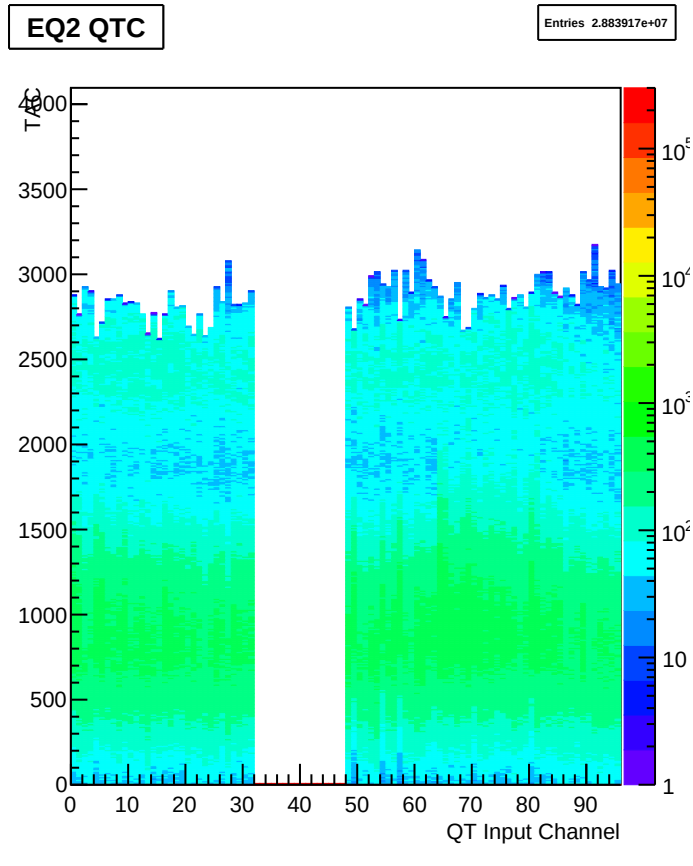

EQ1 QTC
Entries 2.883917e+07
ADC
QT Input Channel

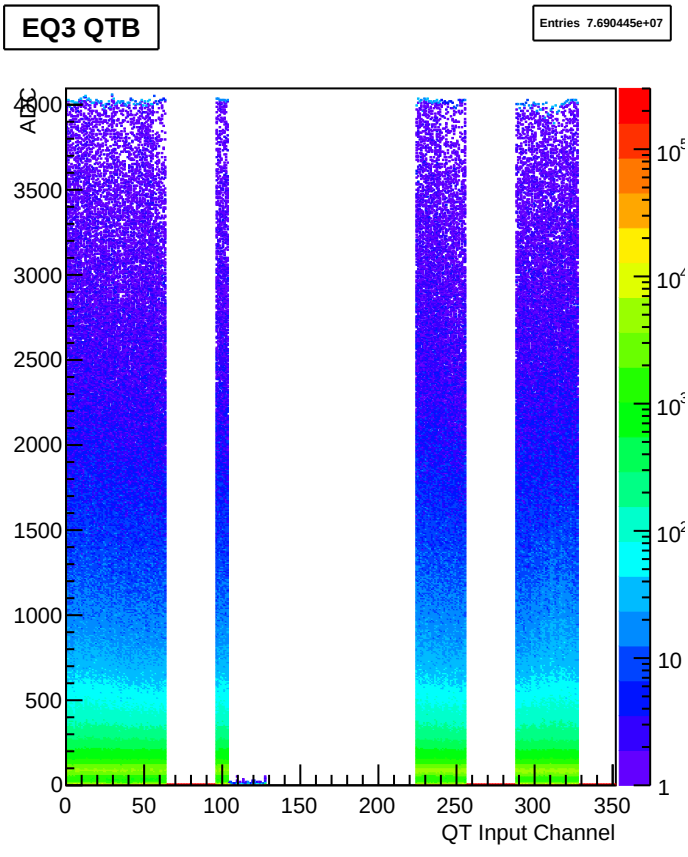

EQ1 QTC
Entries 2.883917e+07
TADC
QT Input Channel

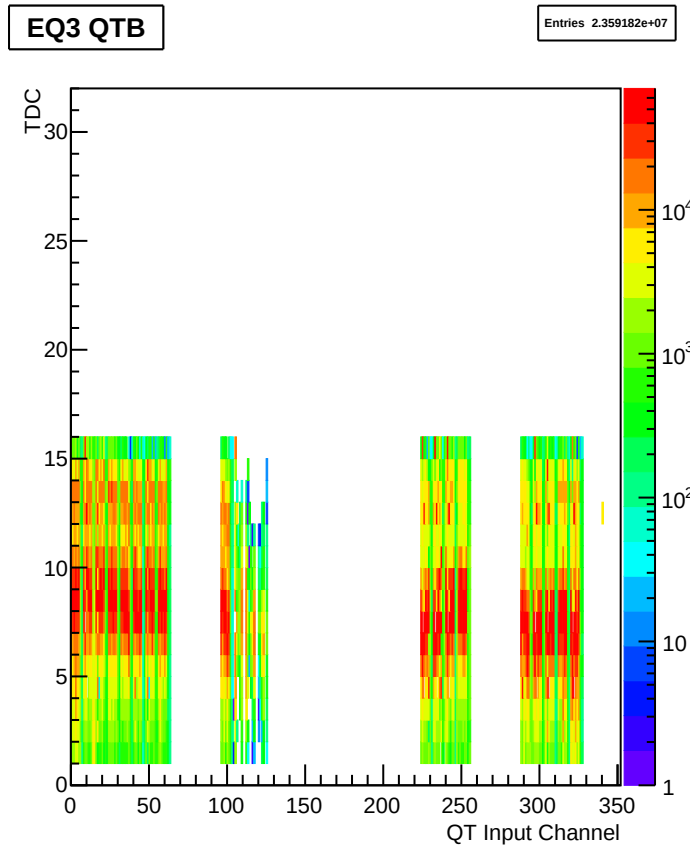

EQ2 QTB
Entries 8.65175e+07
ADC
QT Input Channel

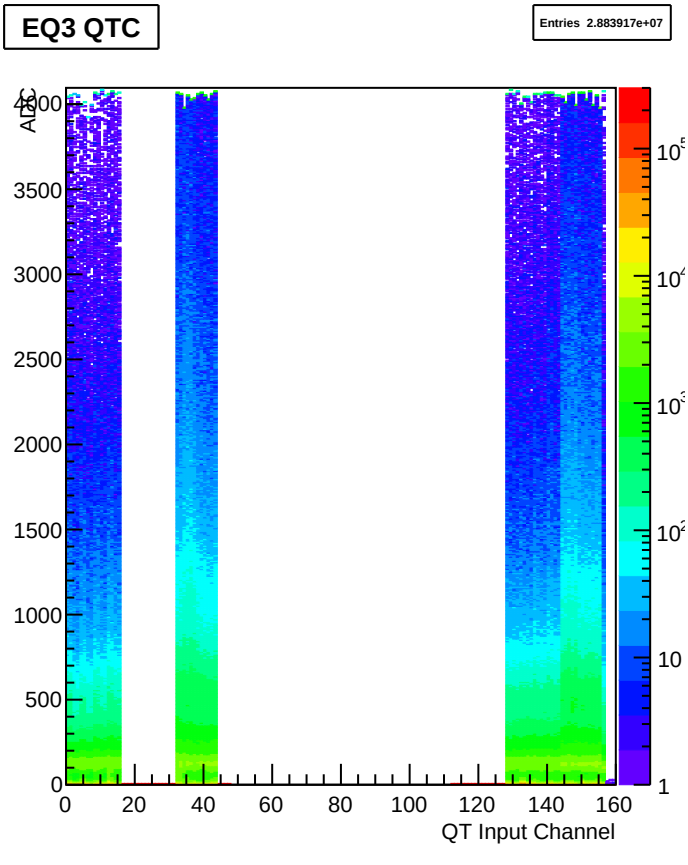

EQ2 QTB
Entries 2.948414e+07
TDC
QT Input Channel

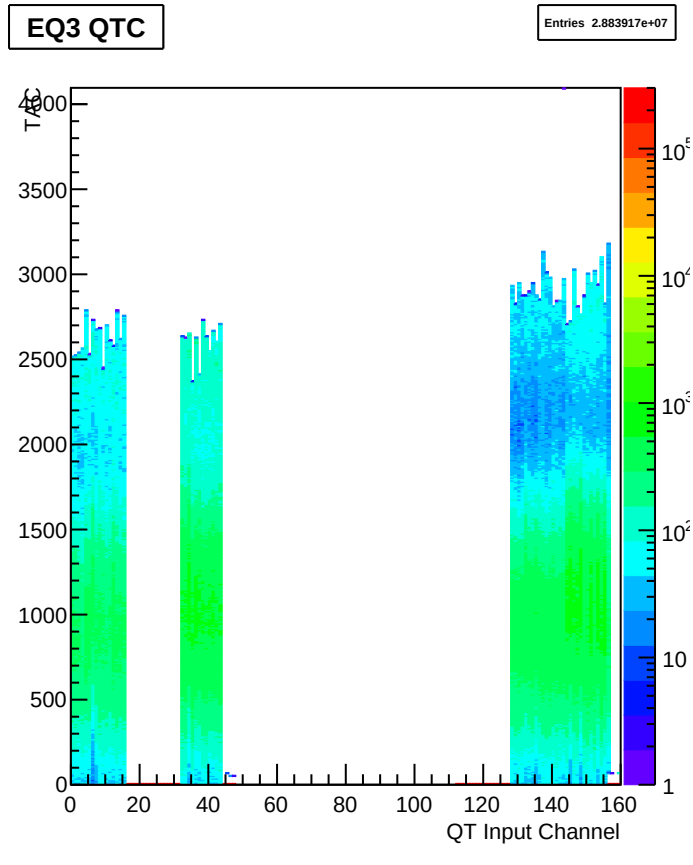

EQ2 QTC
Entries 2.883917e+07
ADC
QT Input Channel

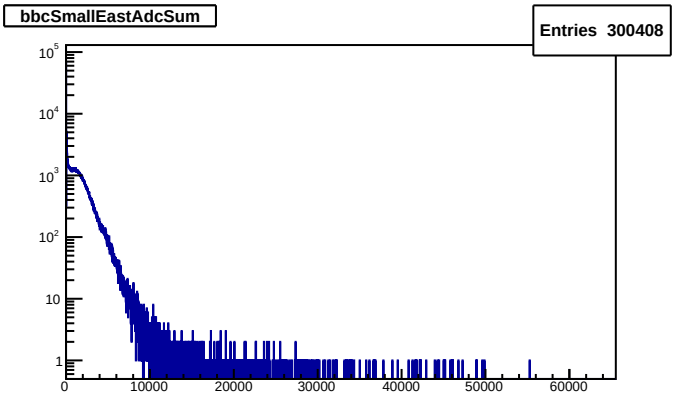

EQ2 QTC
Entries 2.883917e+07
TADC
QT Input Channel

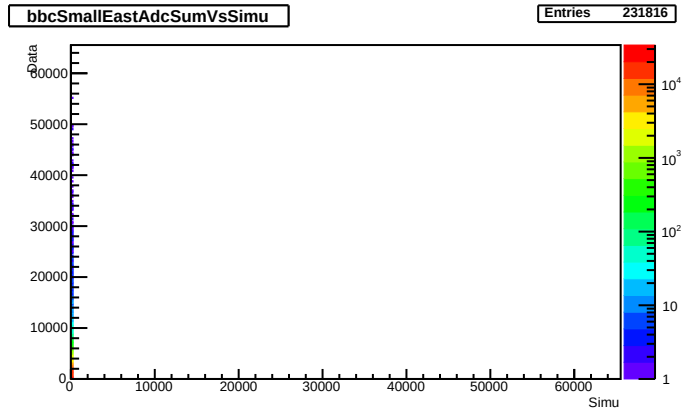

EQ3 QTB
Entries 7.690445e+07
ADC
QT Input Channel

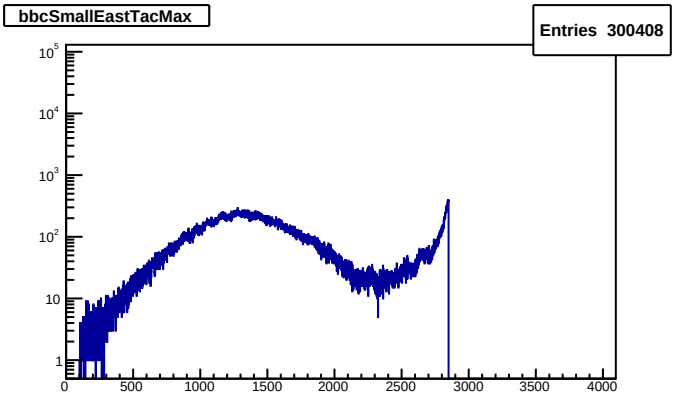

EQ3 QTB
Entries 2.359182e+07
TDC
QT Input Channel

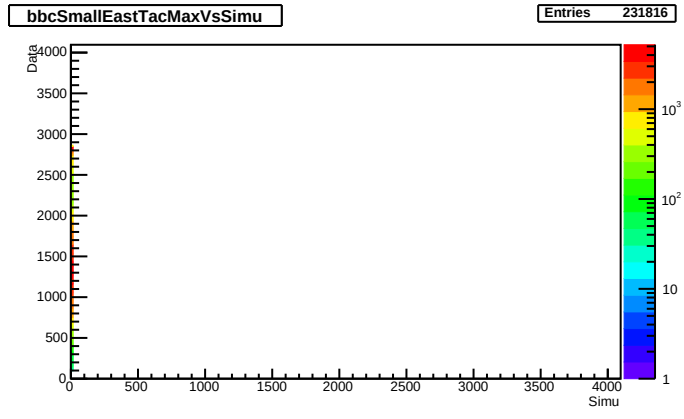

EQ3 QTC
Entries 2.883917e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.883917e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 300408


bbcSmallEastAdcSumVsSimu
Entries 231816
Data
Simu


bbcSmallEastTacMax
Entries 300408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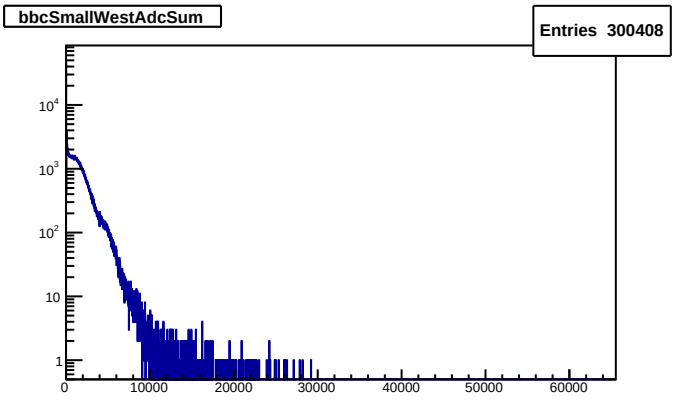
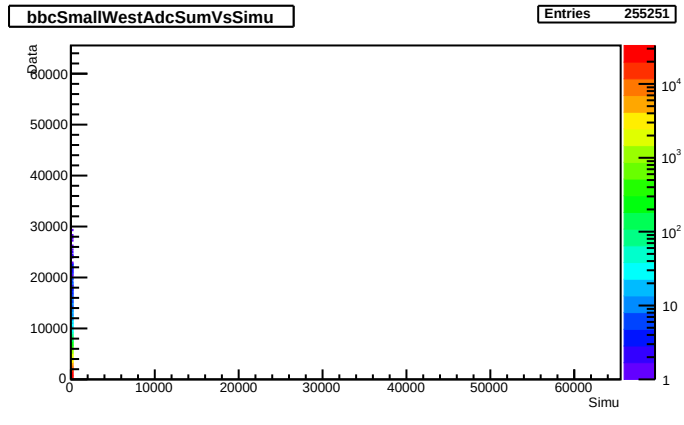
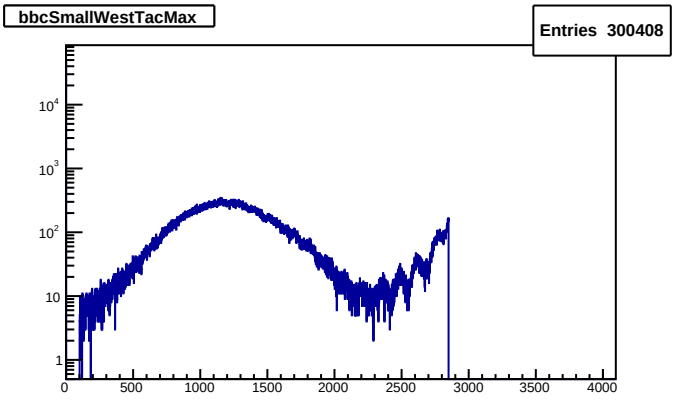
Entries 231816
Data
Simu


bbcSmallWestAdcSum
Entries 300408


bbcSmallWestAdcSumVsSimu
Entries 255251
Data
Simu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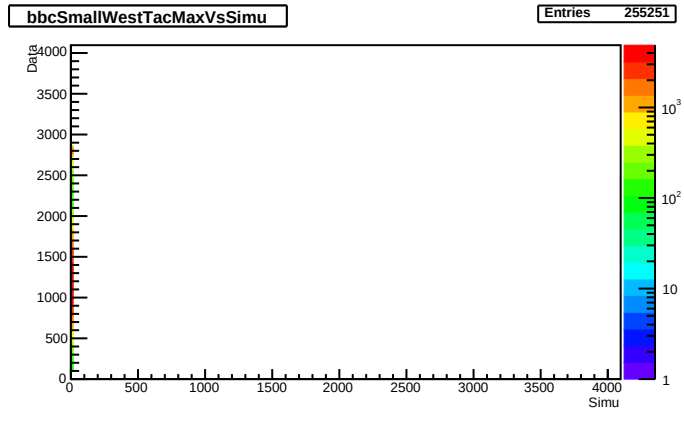
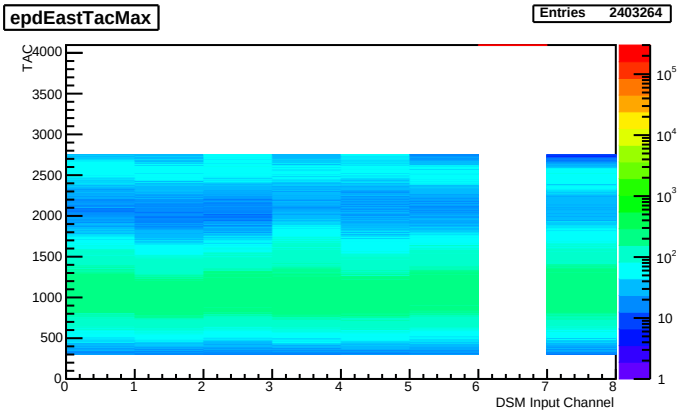
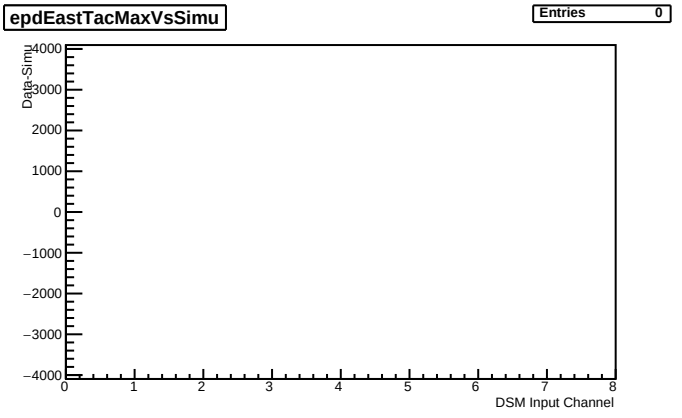
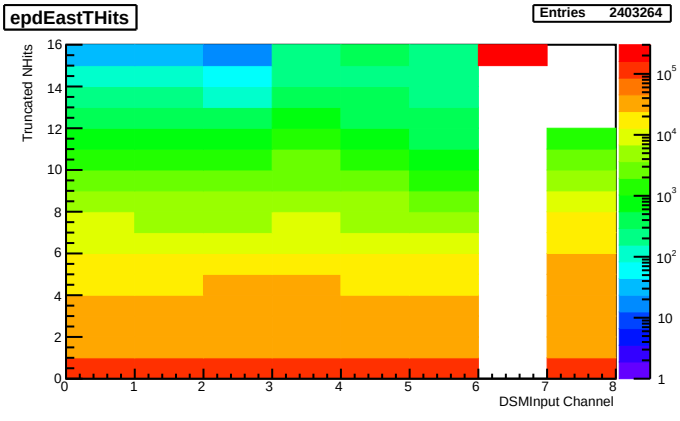
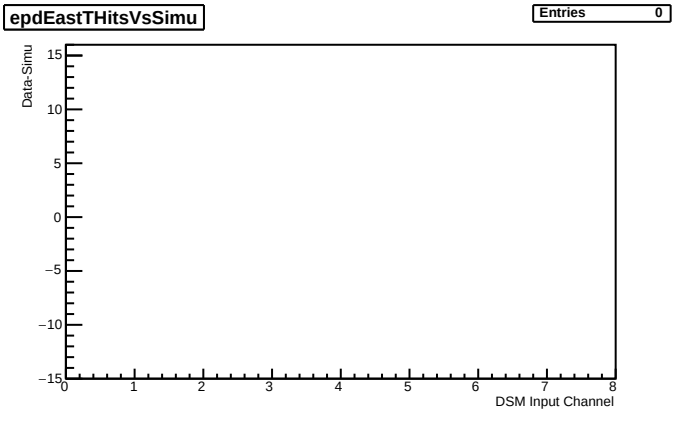
Entries 300408


bbcSmallWestTacMaxVsSimu
Entries 255251
Data
Simu


epdEastTacMax
Entries 2403264
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2403264
Truncated NHits
DSMInput Channel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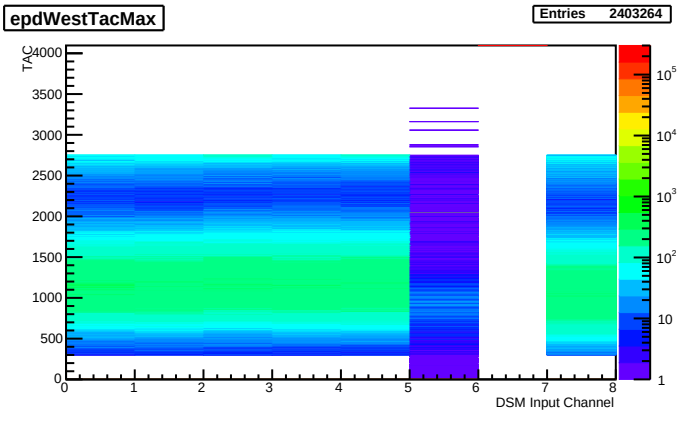
Data-Simu
DSM Input Channel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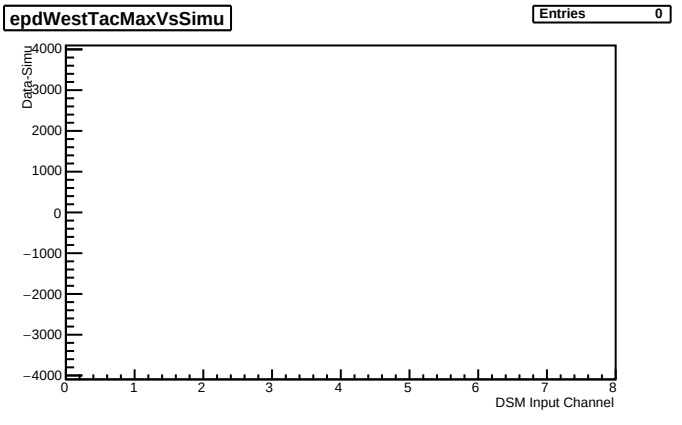
Entries 2403264
TAC
DSM Input Channel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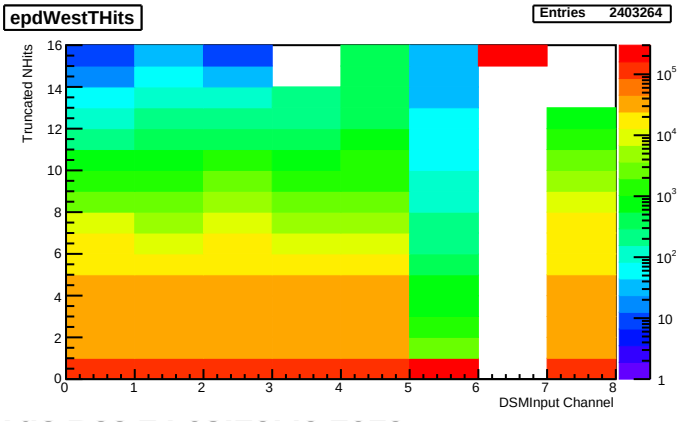
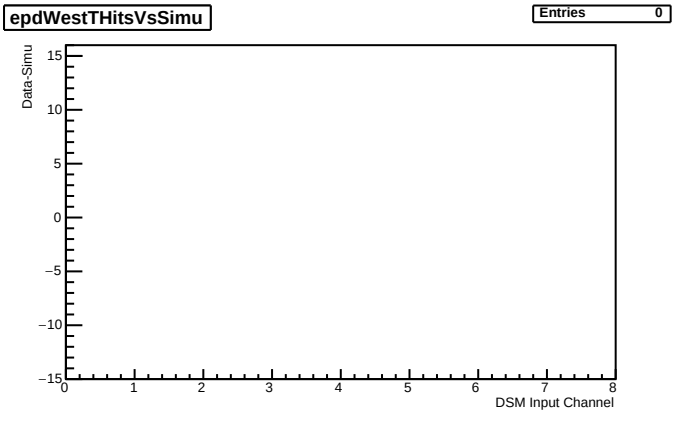
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2403264
Truncated NHits
DSMInput Channel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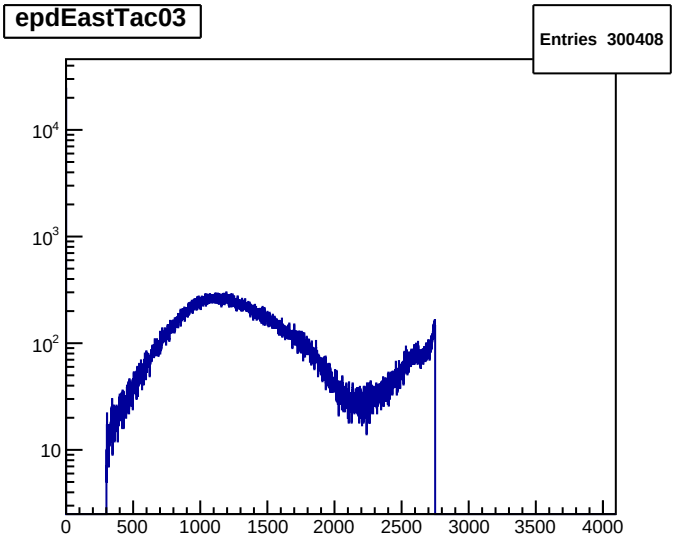
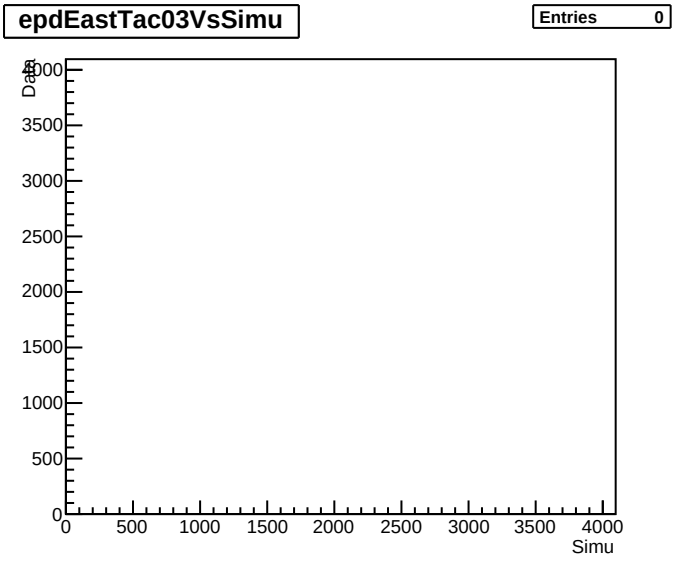
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 300408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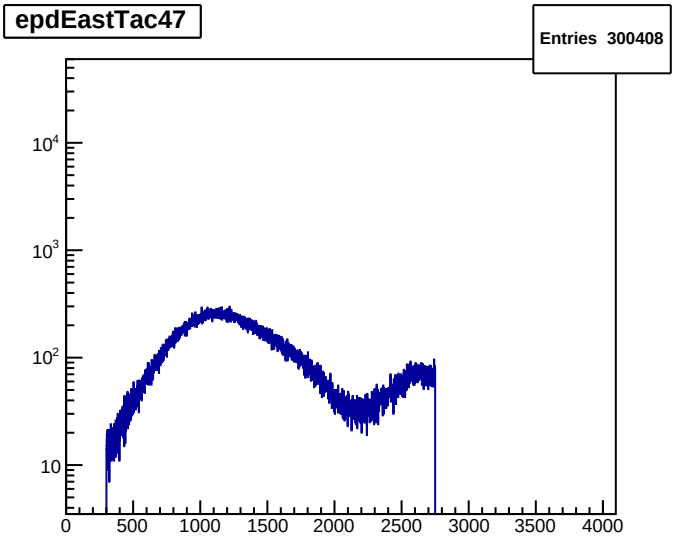
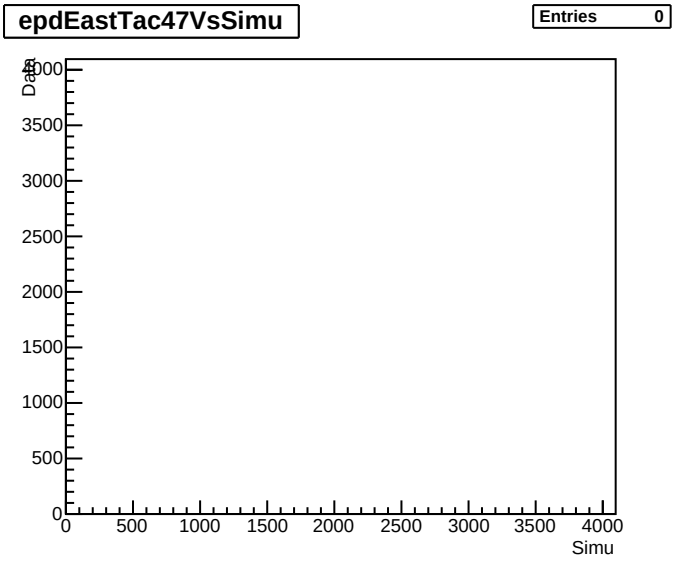
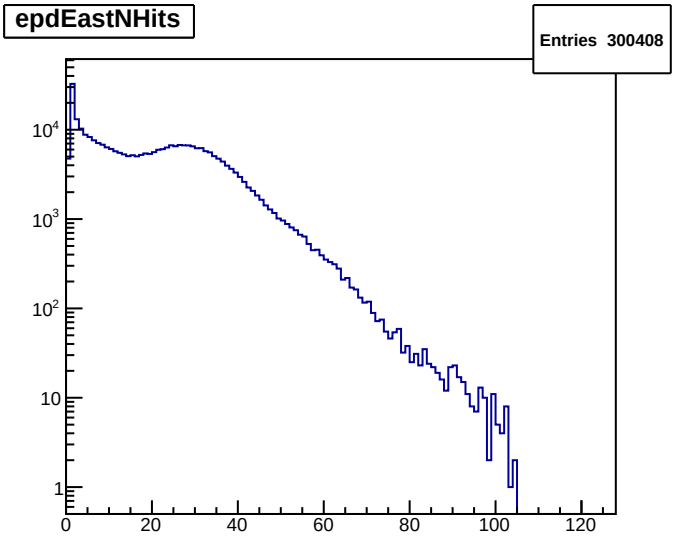
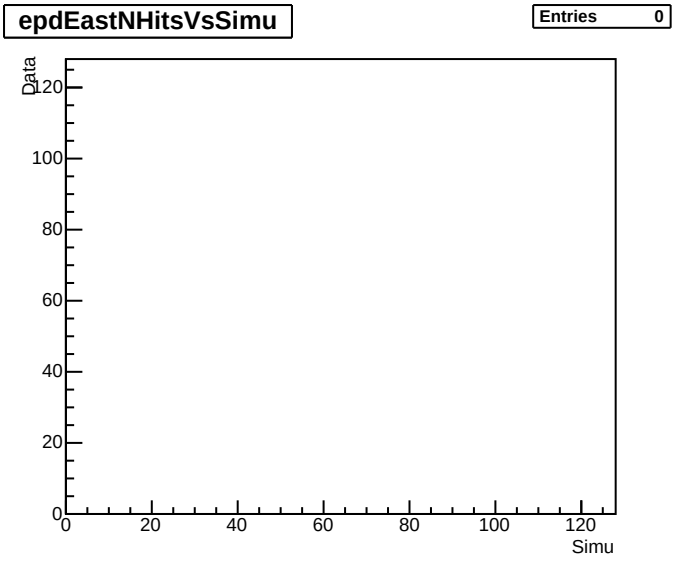
Entries 0
Data
Simu


epdEastTac47
Entries 300408


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 300408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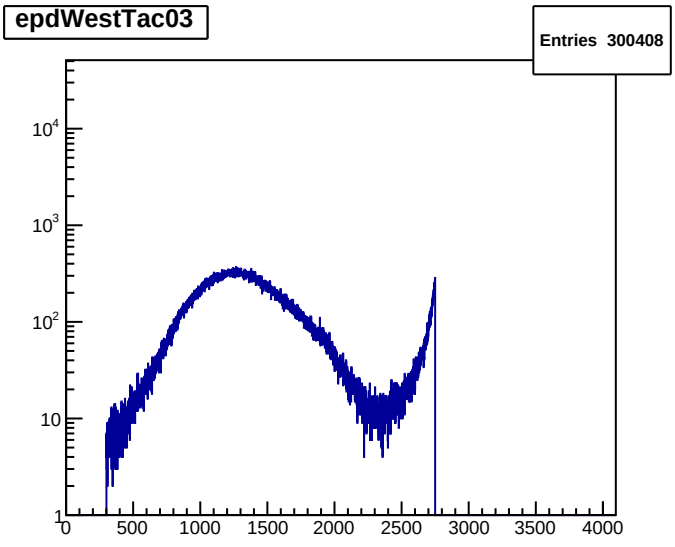
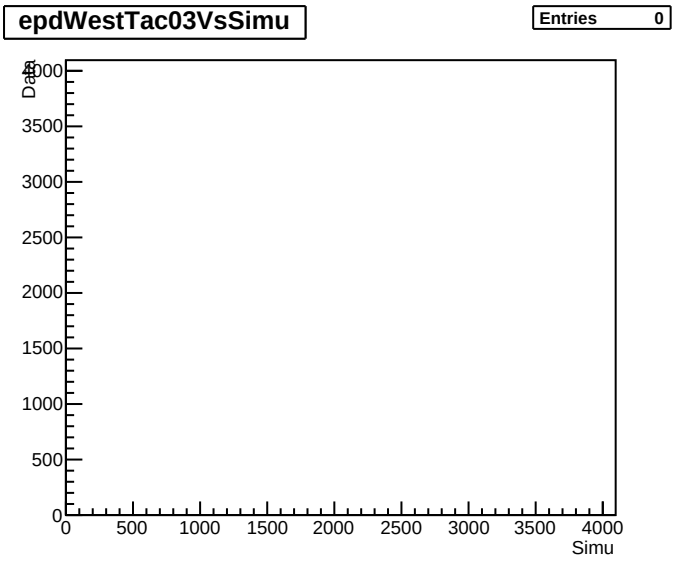
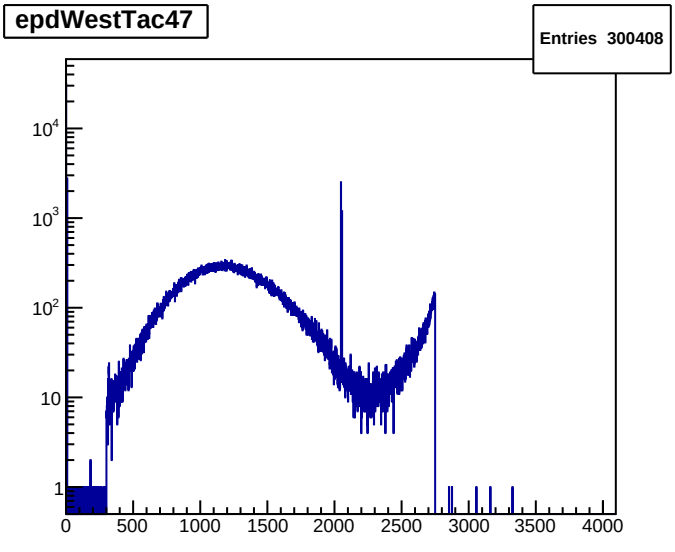
Entries 0
Data
Simu


epdWestTac03
Entries 300408


epdWestTac03VsSimu
Entries 0
Data
Simu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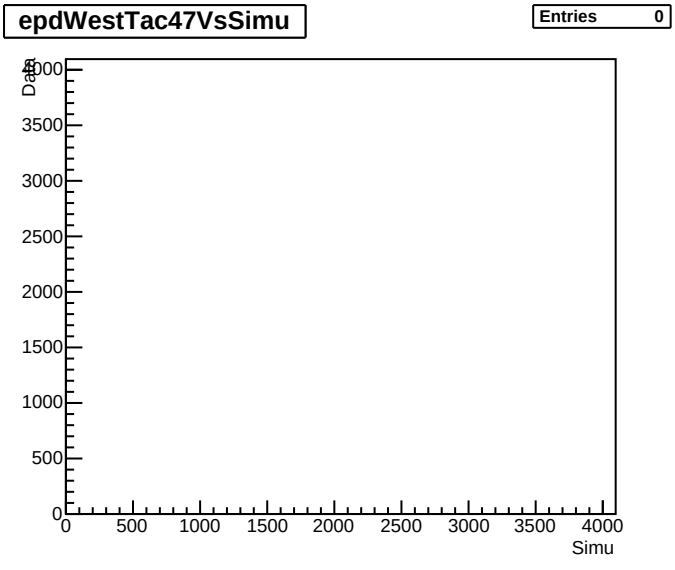
Entries 300408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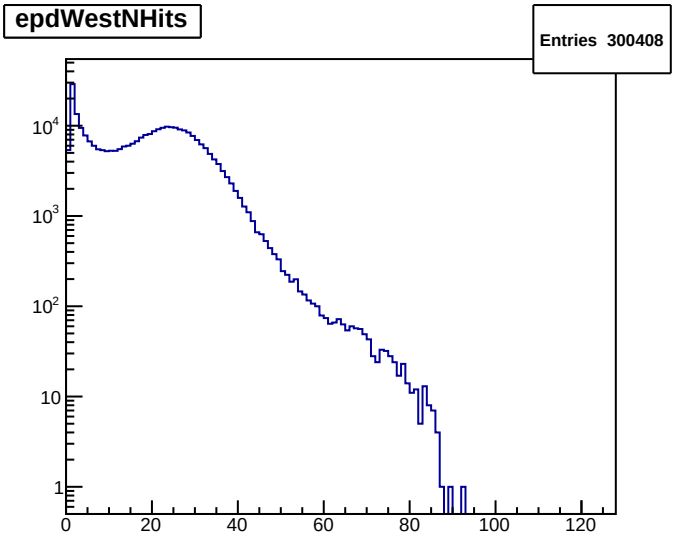
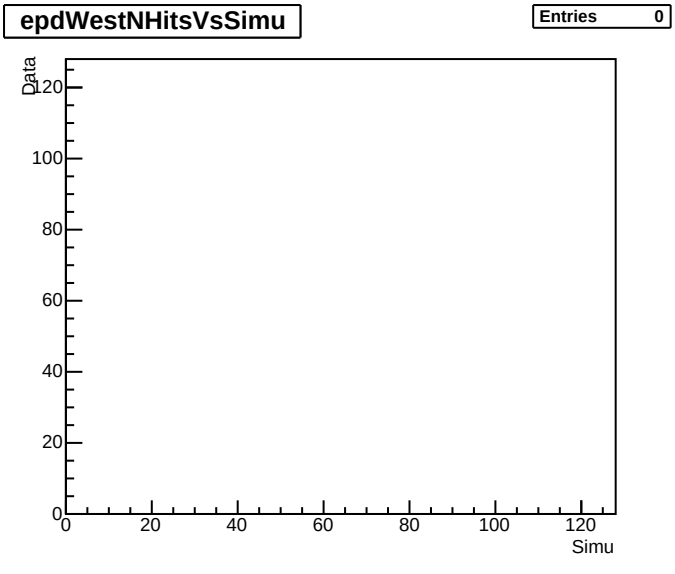
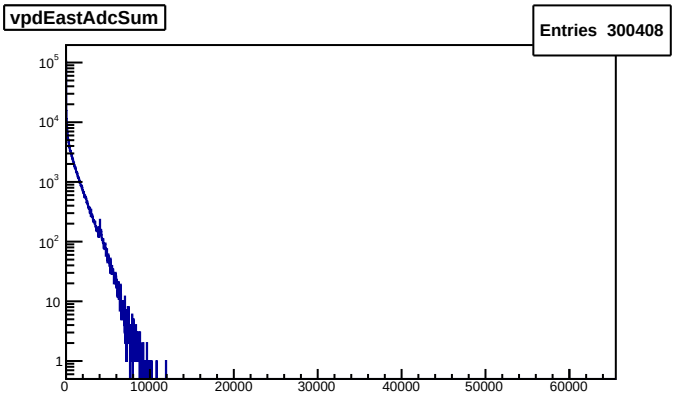
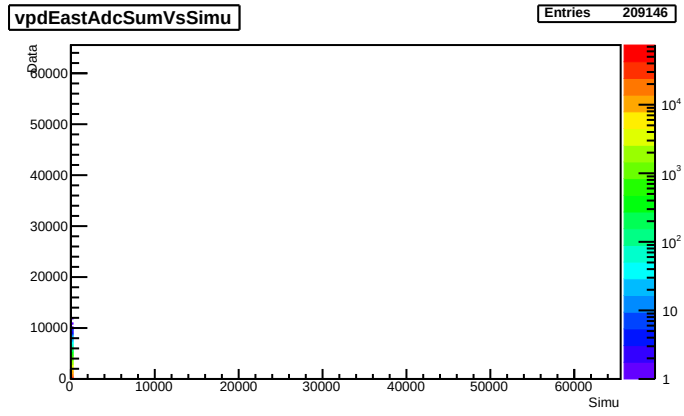
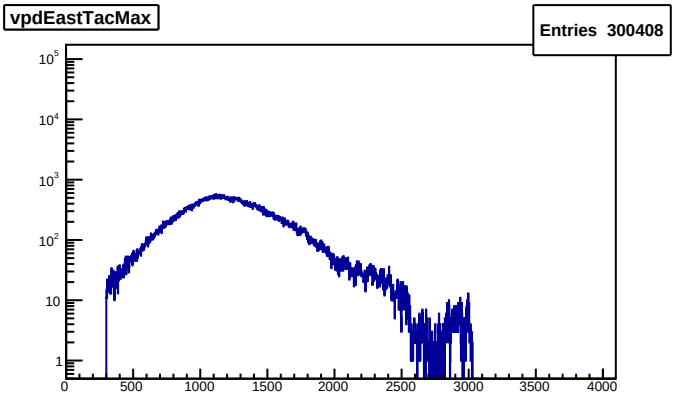
Entries 0
Data
Simu

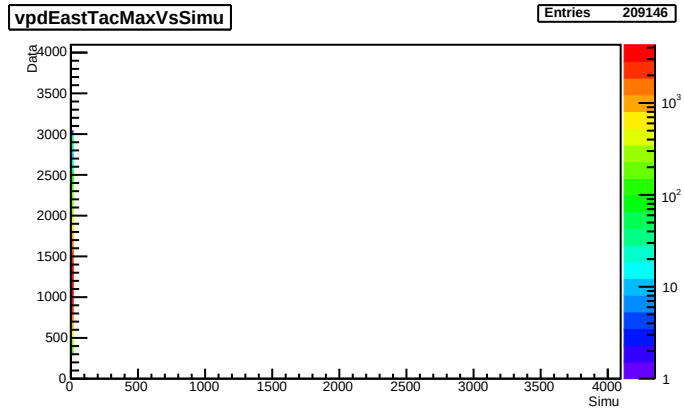

epdWestNHits
Entries 300408

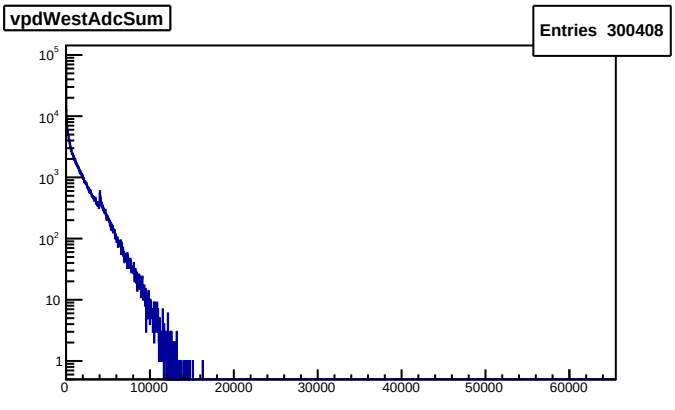

epdWestNHitsVsSimu
Entries 0
Data
Simu

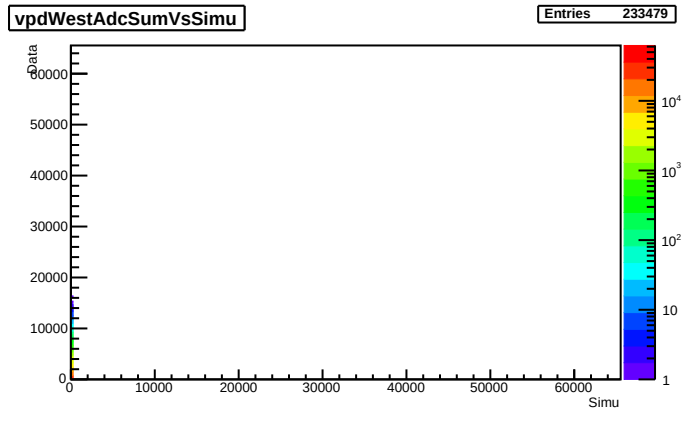

vpdEastAdcSum
Entries 300408

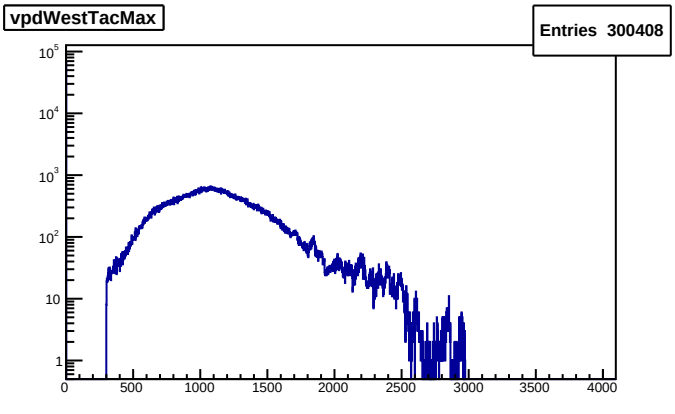

vpdEastAdcSumVsSimu
Entries 209146
Data
Simu

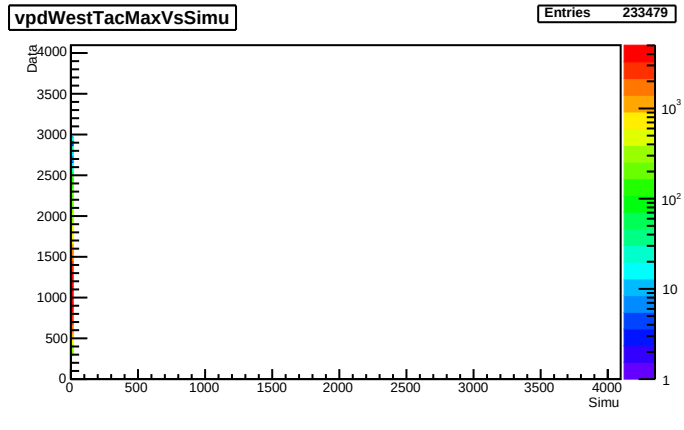

vpdEastTacMax
Entries 300408

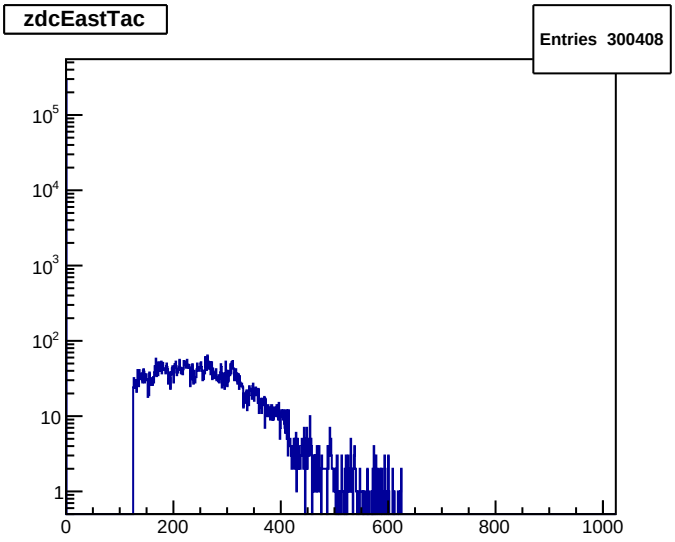

vpdEastTacMaxVsSimu
Entries 209146
Data
Simu

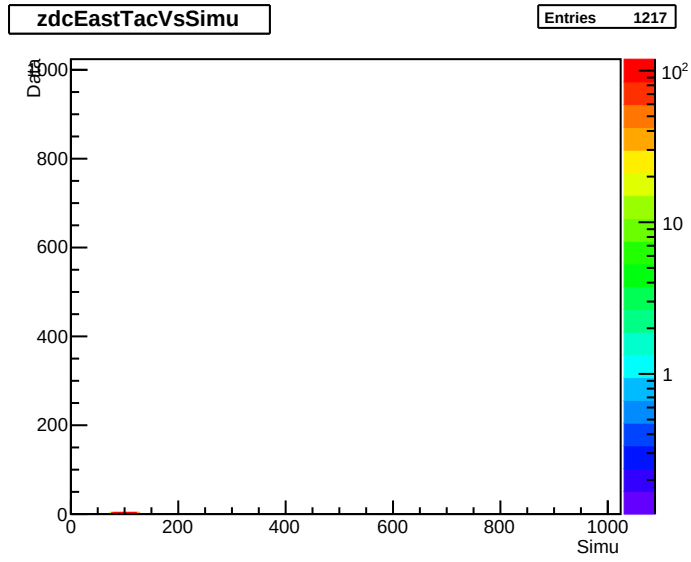

vpdWestAdcSum
Entries 300408

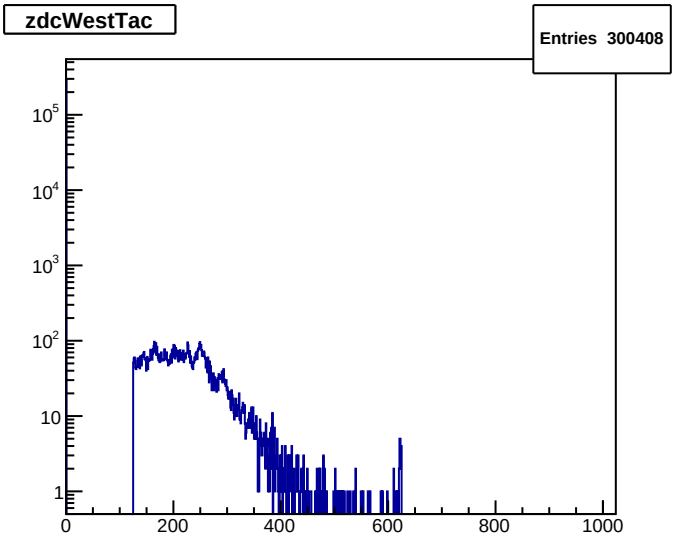

vpdWestAdcSumVsSimu
Entries 233479
Data
Simu

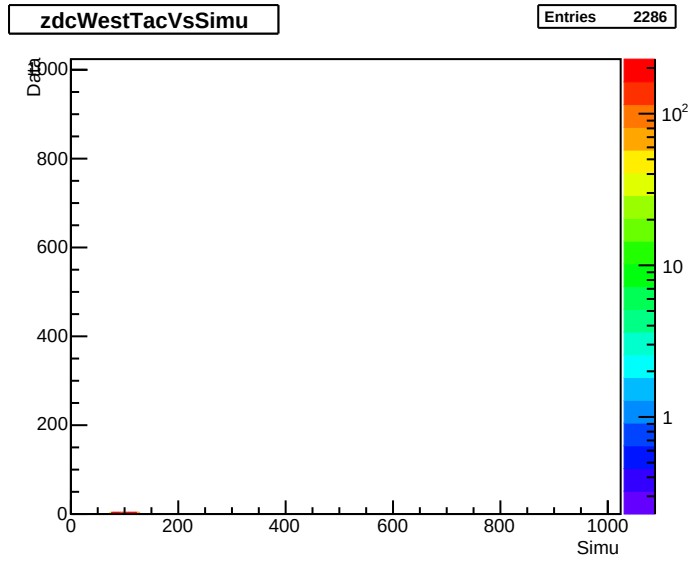

vpdWestTacMax
Entries 300408

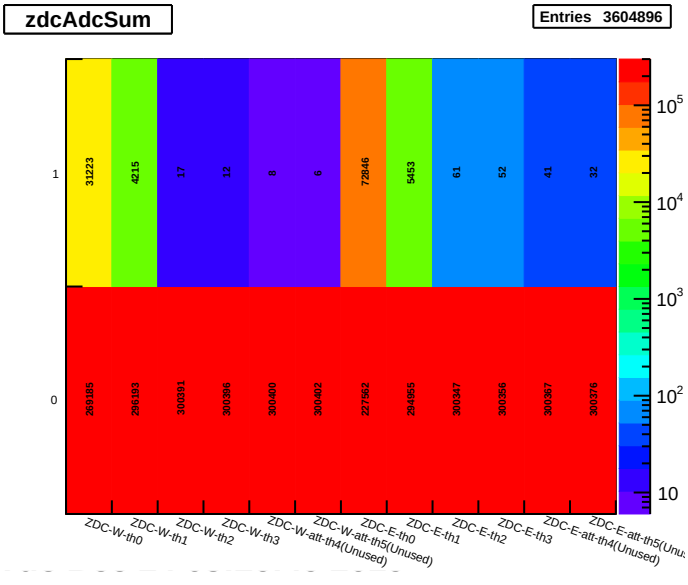

vpdWestTacMaxVsSimu
Entries 233479
Data
Simu

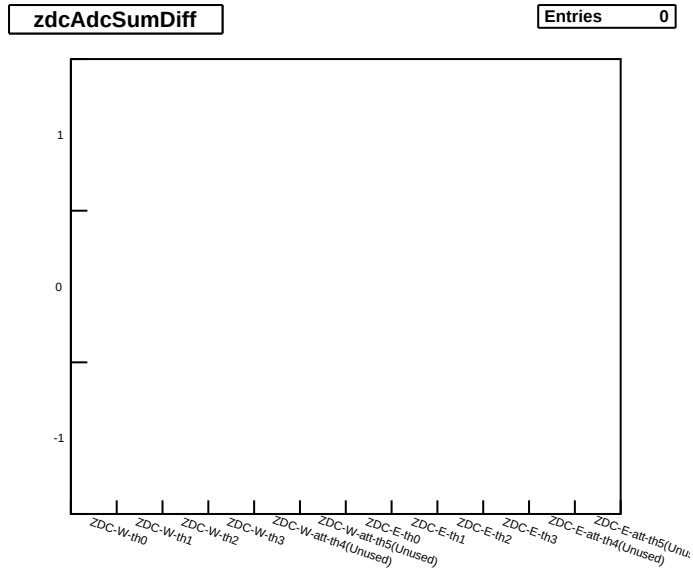

zdcEastTac
Entries 300408

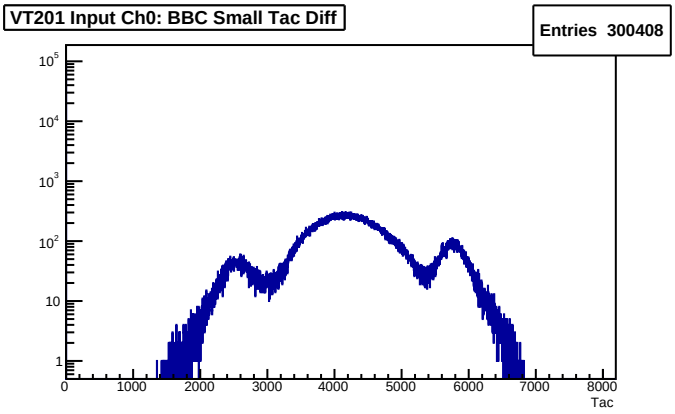

zdcEastTacVsSimu
Entries 1217
Data
Simu

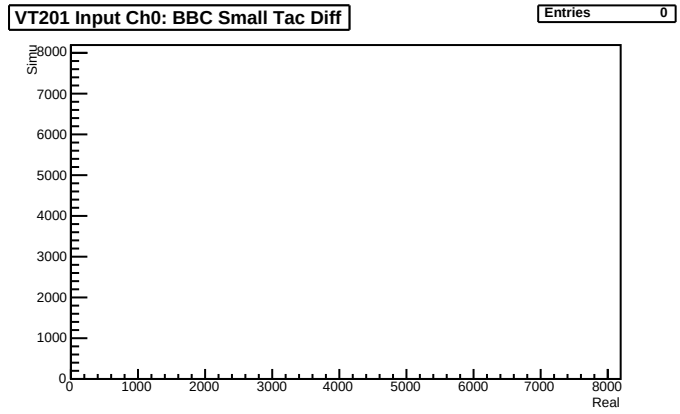

zdcWestTac
Entries 300408

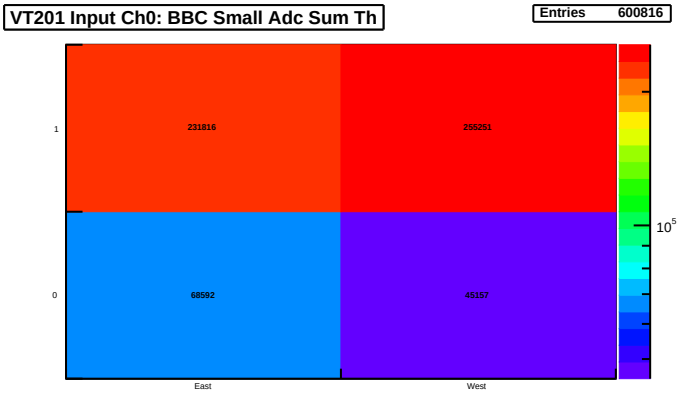

zdcWestTacVsSimu
Entries 2286
Data
Simu

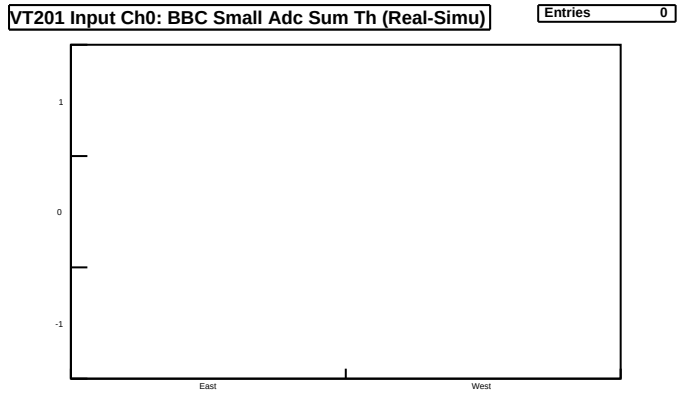

zdcAdcSum
Entries 3604896
31223
4215
17
12
8
6
72846
5453
61
52
41
32
269185
296193
300391
300396
300400
300402
227562
294655
300347
300356
300367
300376
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

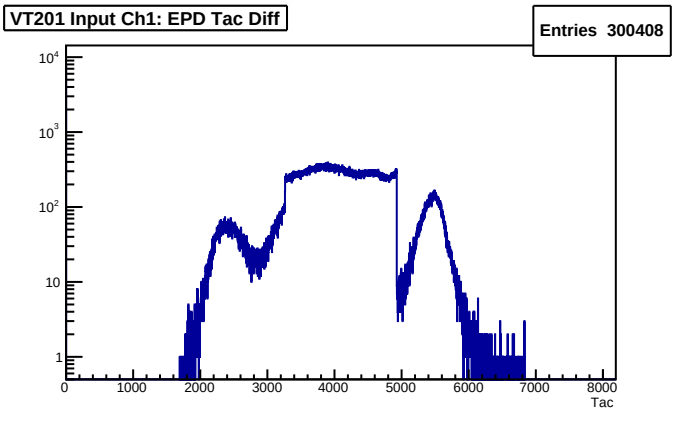

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

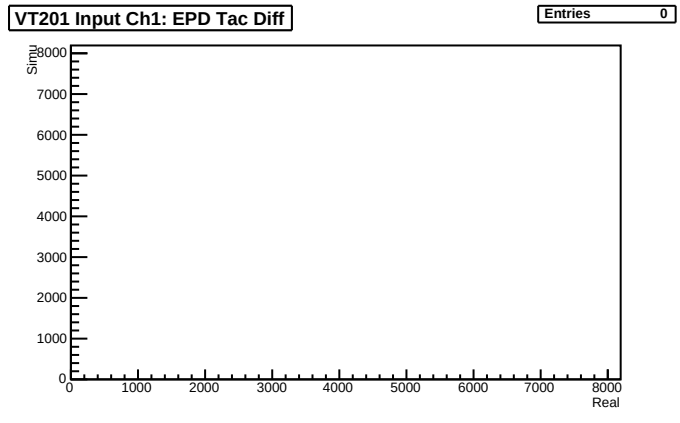

VT201 Input Ch0: BBC Small Tac Diff
Entries 300408
Tac

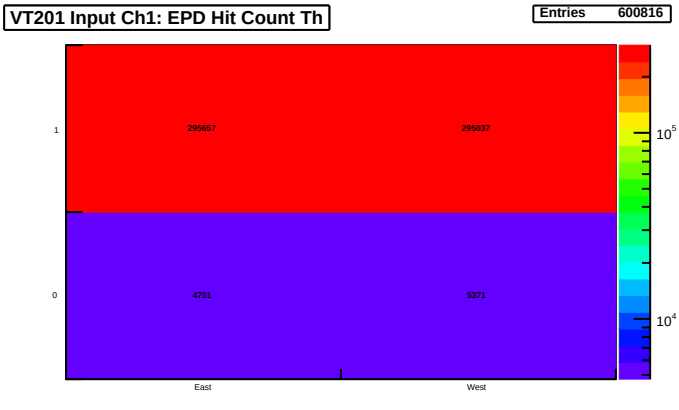

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

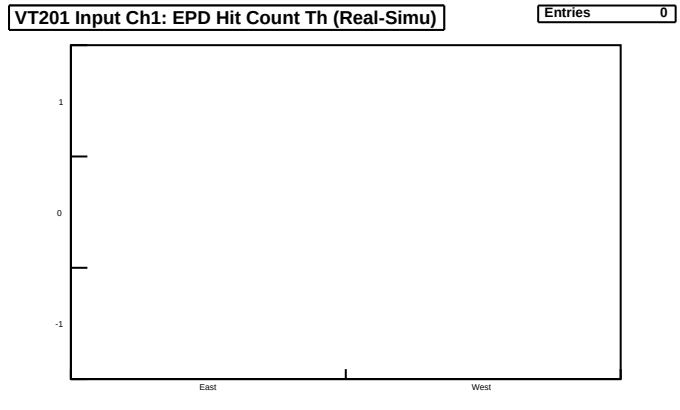

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 600816
231816
255251
68592
45157
East
West

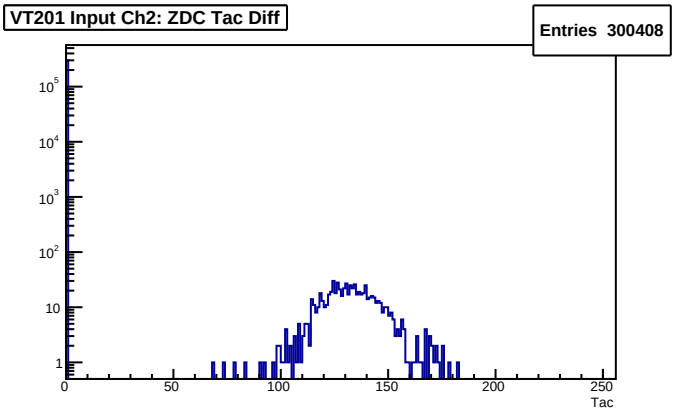

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

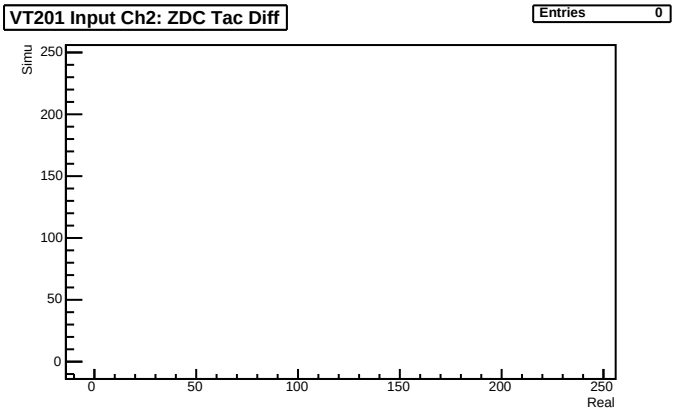

VT201 Input Ch1: EPD Tac Diff
Entries 300408
Tac

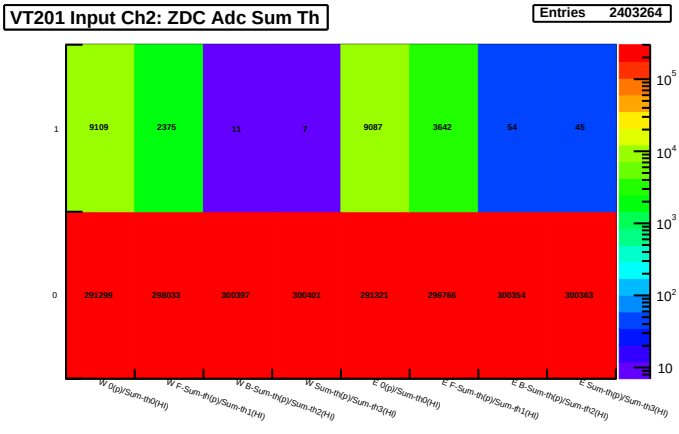

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

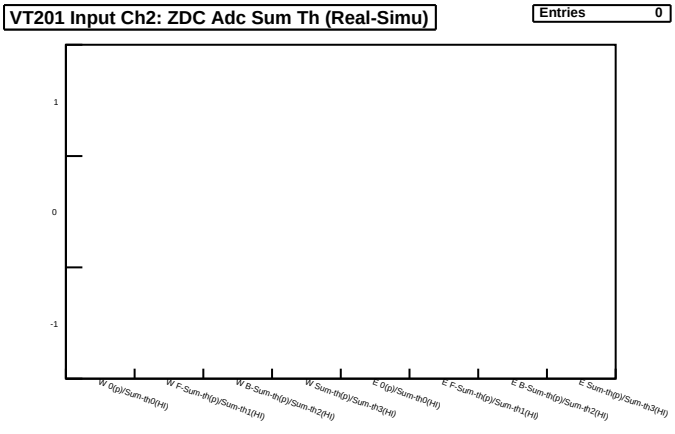

VT201 Input Ch1: EPD Hit Count Th
Entries 600816
295657
295037
4751
5371
East
West

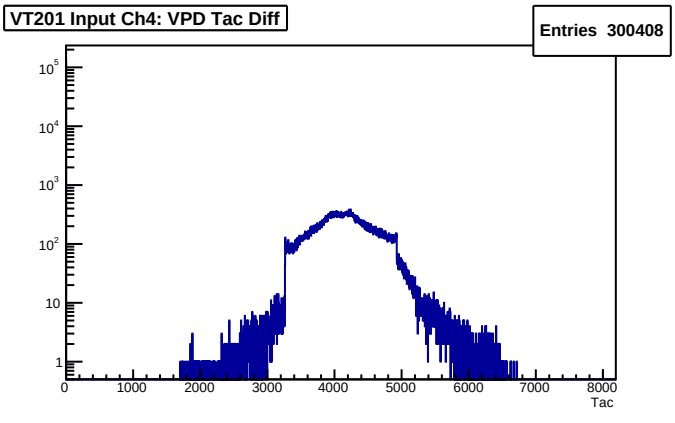

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

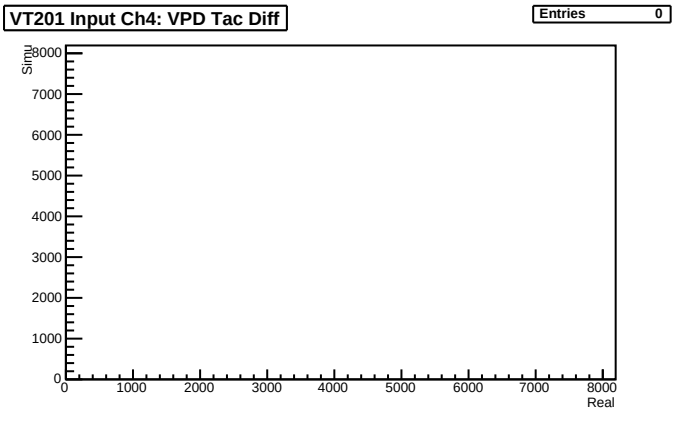

VT201 Input Ch2: ZDC Tac Diff
Entries 300408
Tac

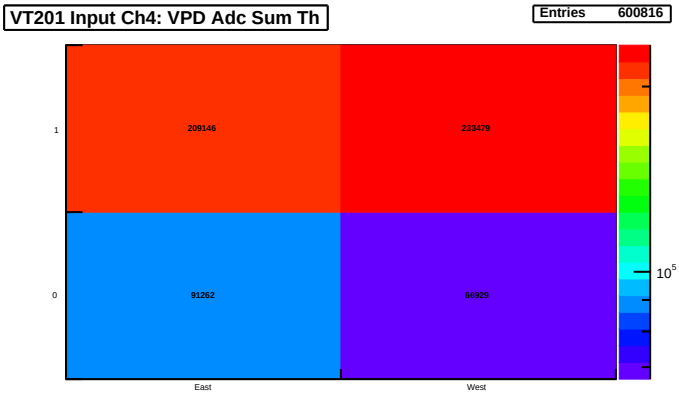

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

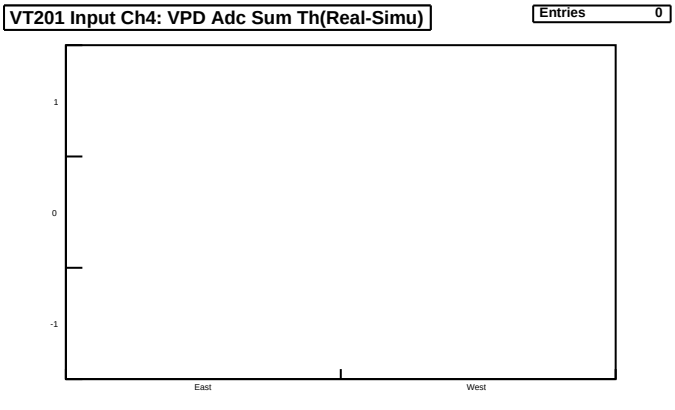

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2403264
9109
2375
11
7
9087
3642
54
45
291299
298033
300397
300401
291321
296766
300354
300363
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

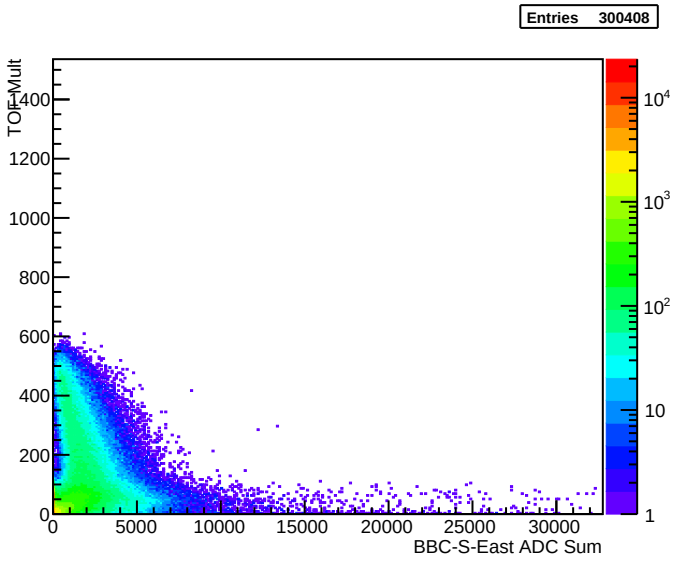

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

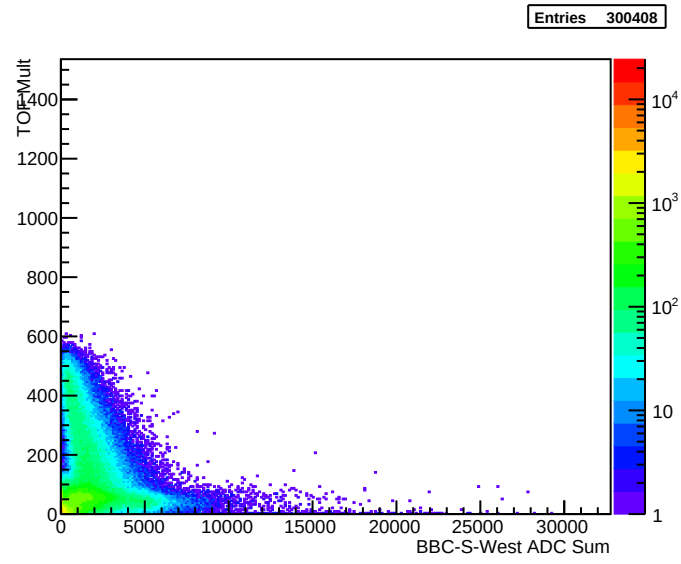

VT201 Input Ch4: VPD Tac Diff
Entries 300408
Tac

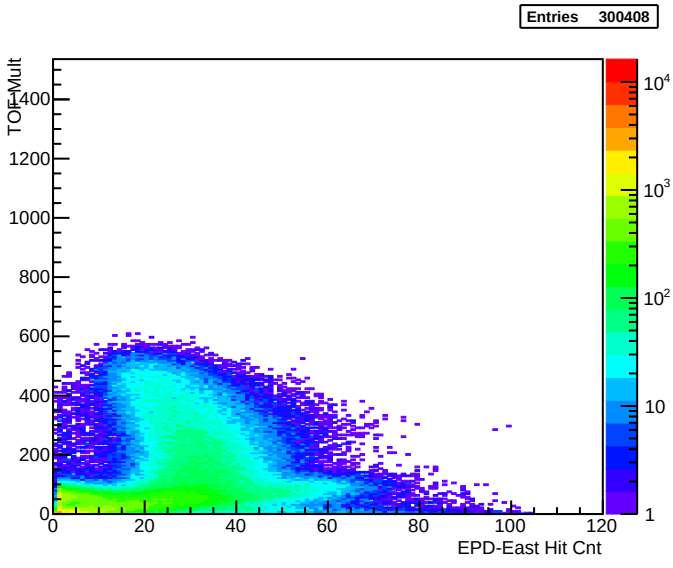

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

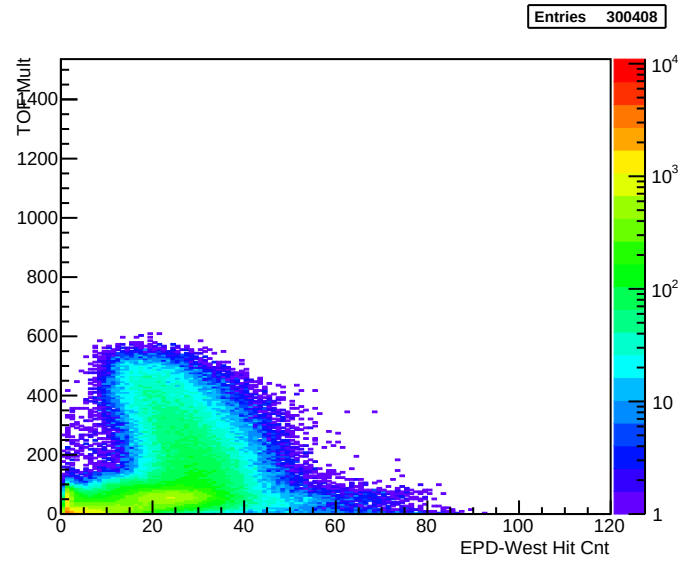

VT201 Input Ch4: VPD Adc Sum Th
Entries 600816
209146
233479
91262
66929
East
West

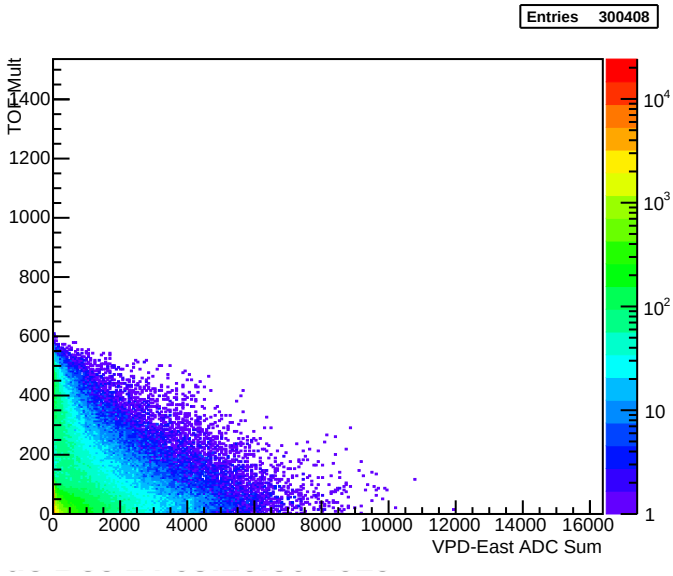

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

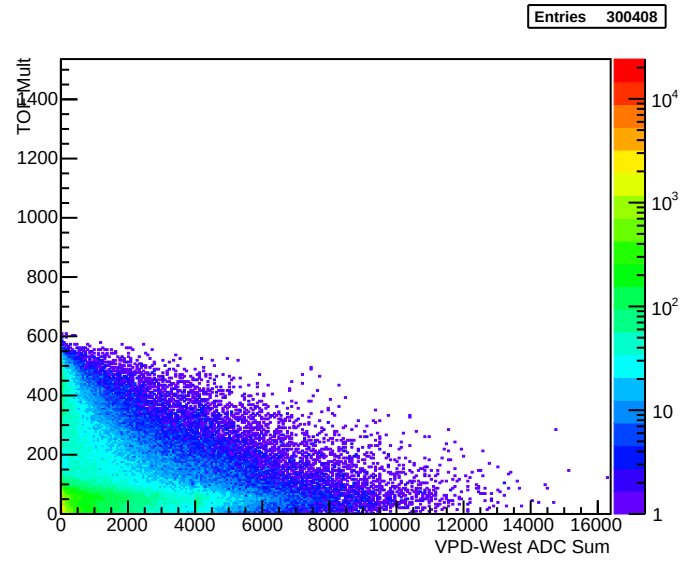

Entries 300408
TOF-Mult
BBC-S-East ADC Sum

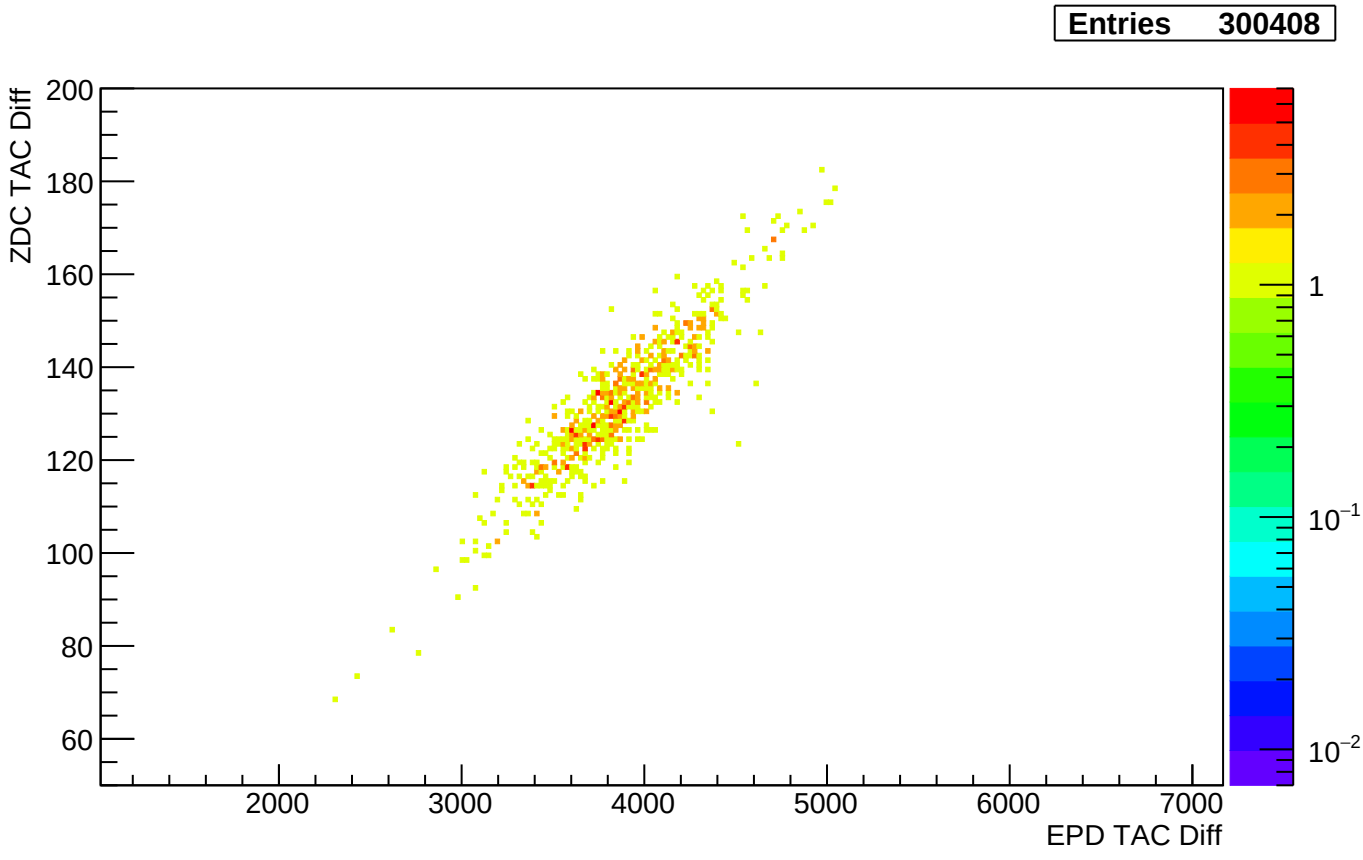

Entries 300408
TOF-Mult
BBC-S-West ADC Sum

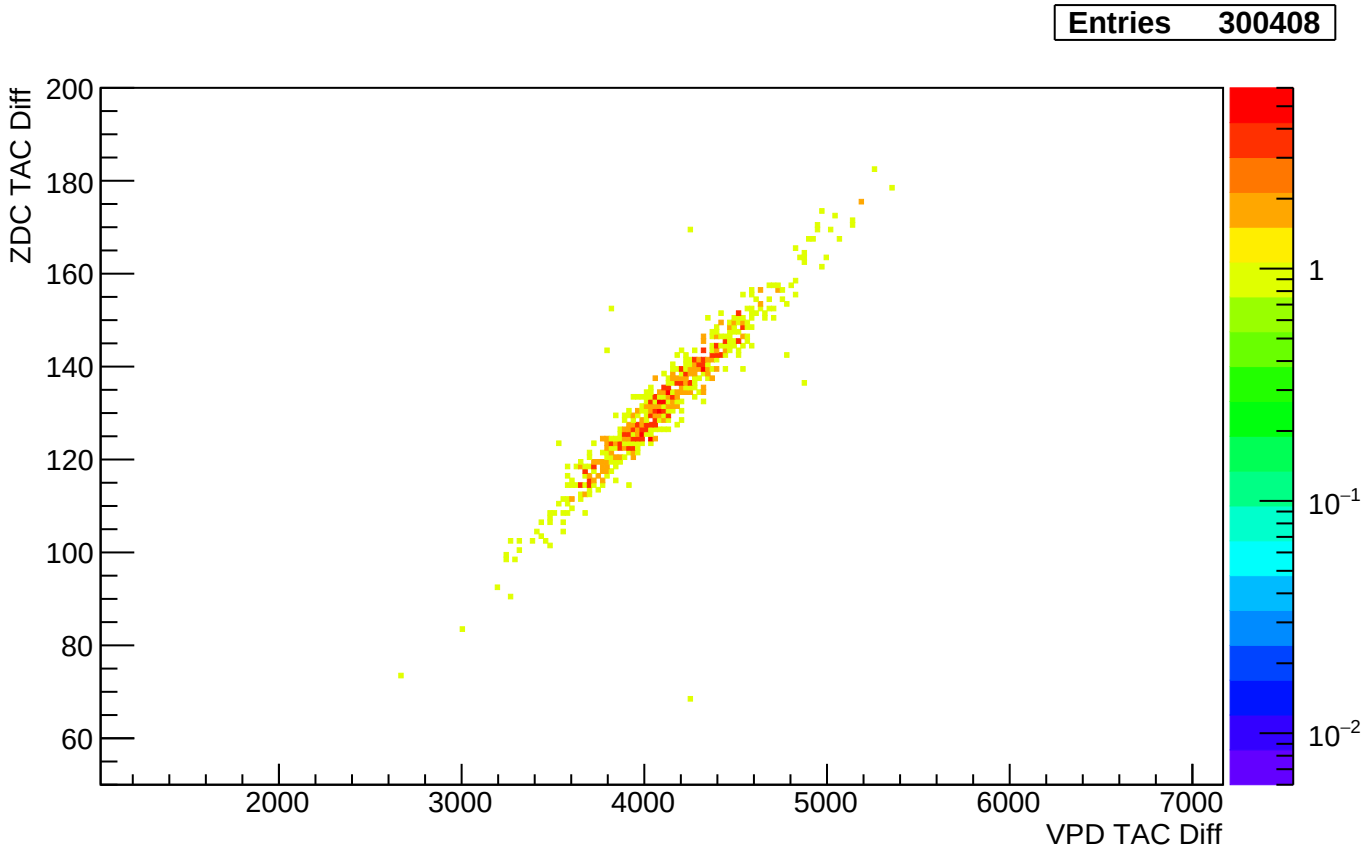

Entries 300408
TOF-Mult
EPD-East Hit Cnt

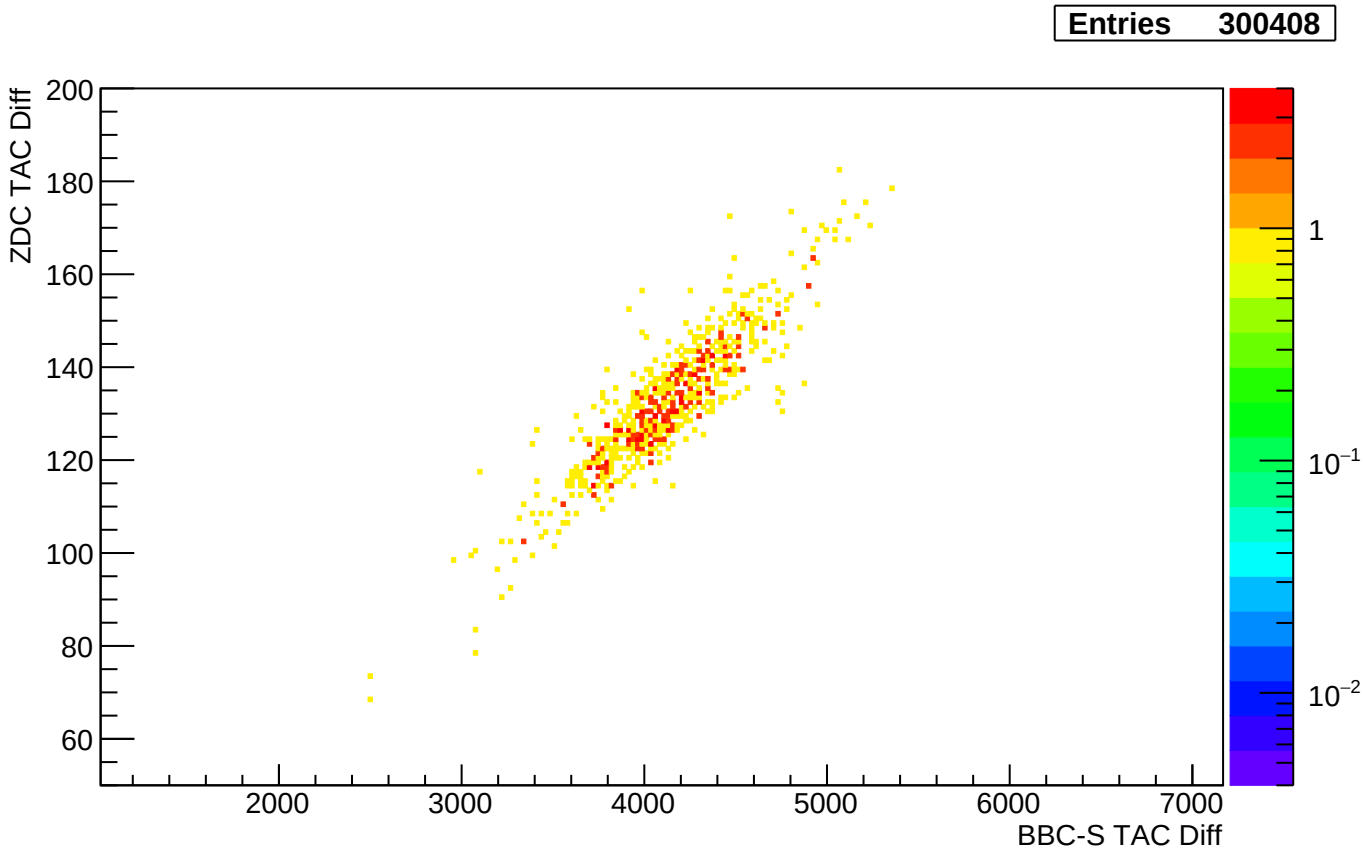

Entries 300408
TOF-Mult
EPD-West Hit Cnt

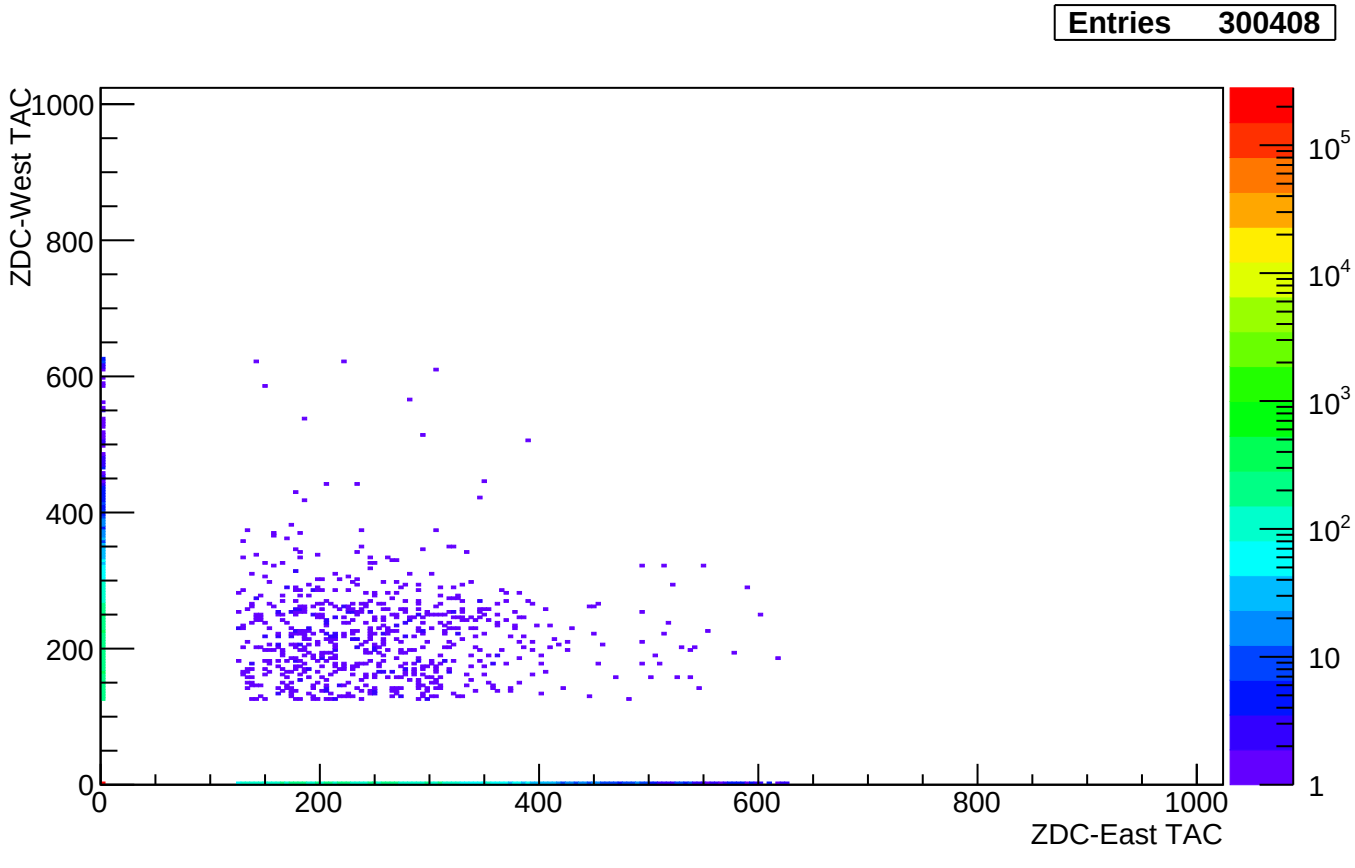

Entries 300408
TOF-Mult
VPD-East ADC Sum

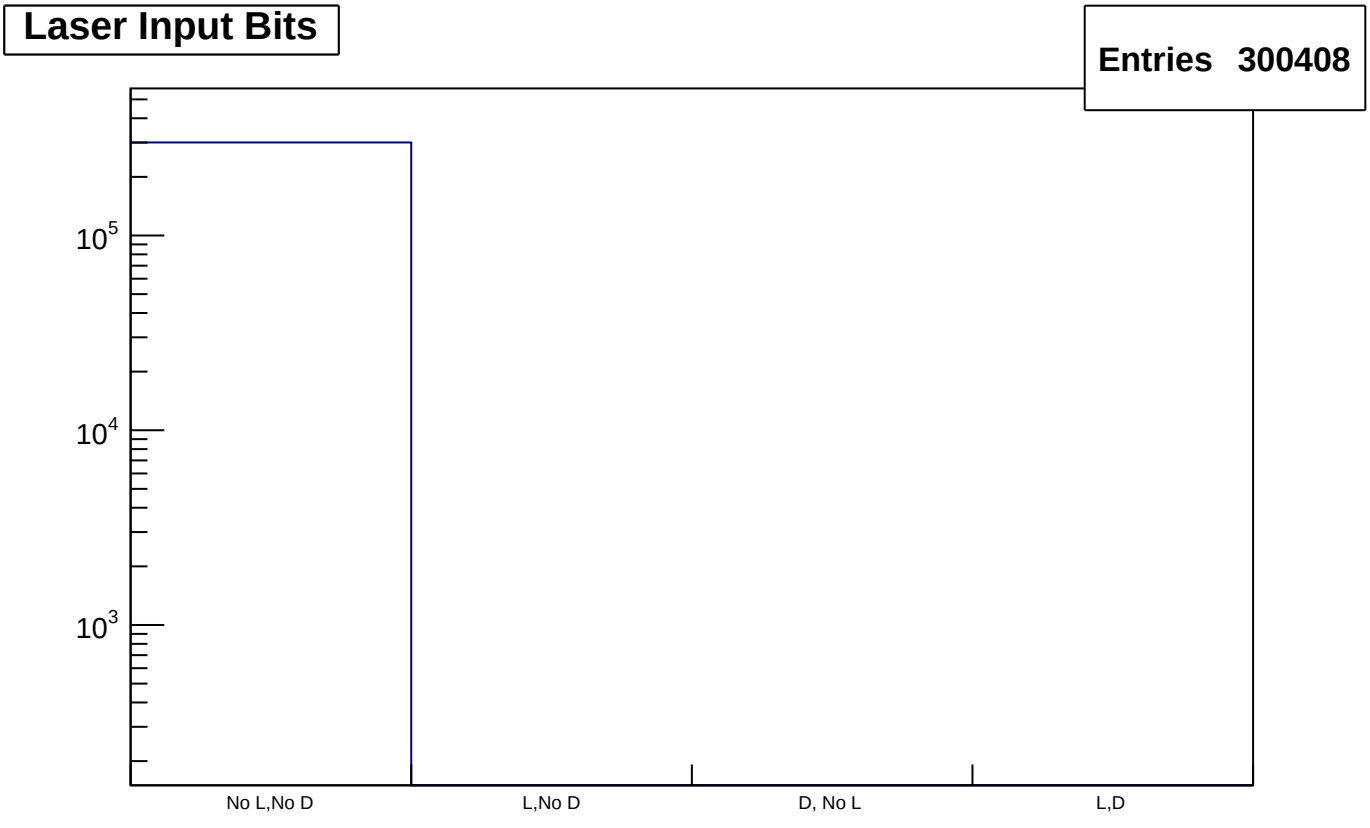

Entries 300408
TOF-Mult
VPD-West ADC Sum

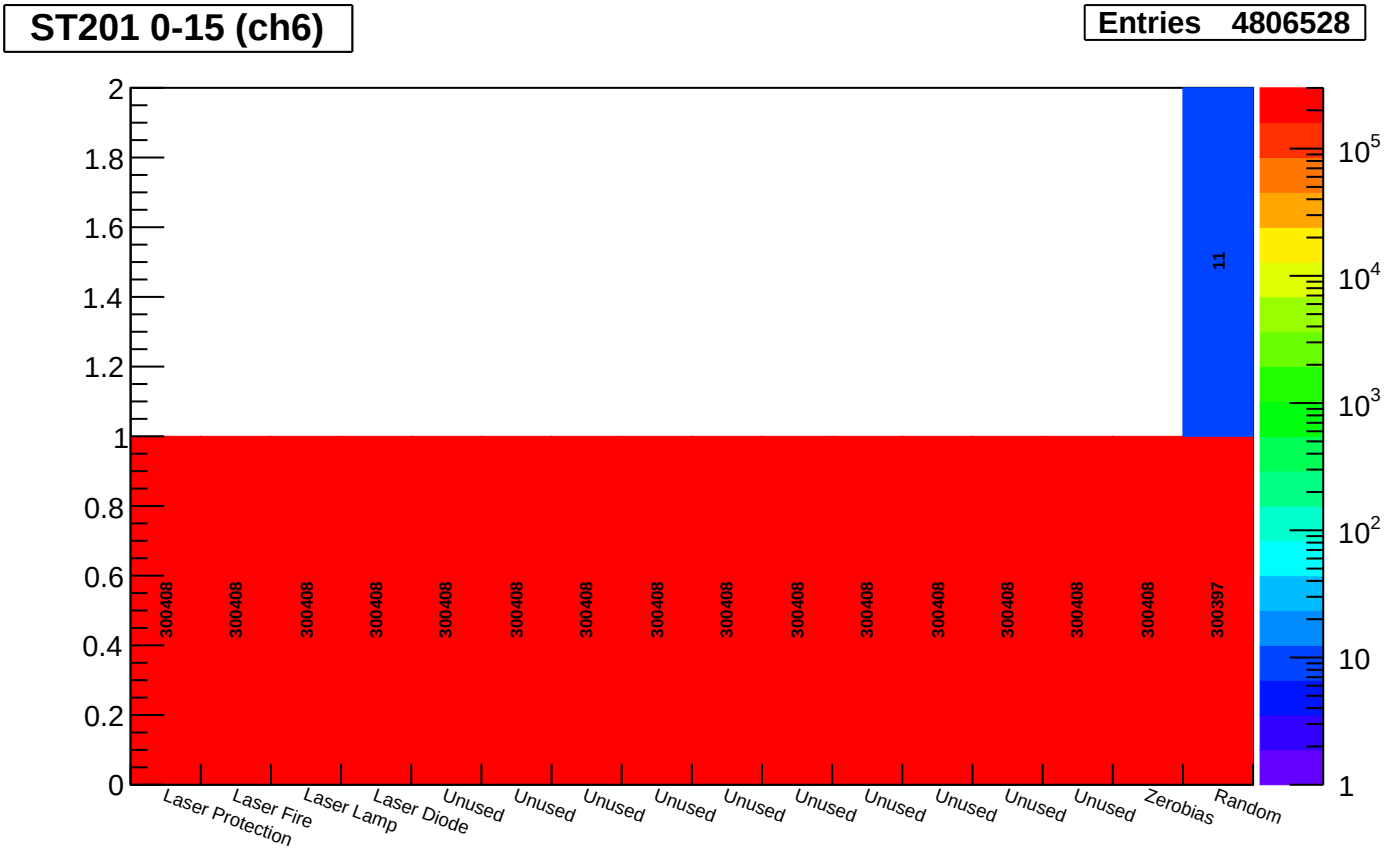

Entries 300408
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

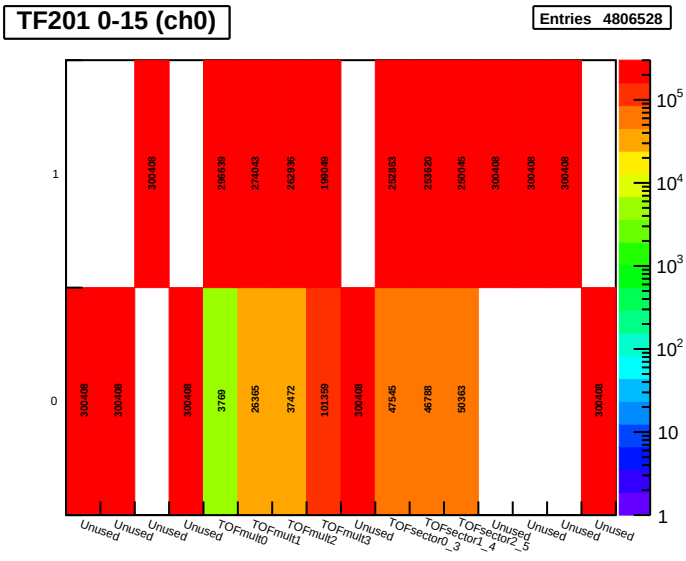

Entries 300408
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

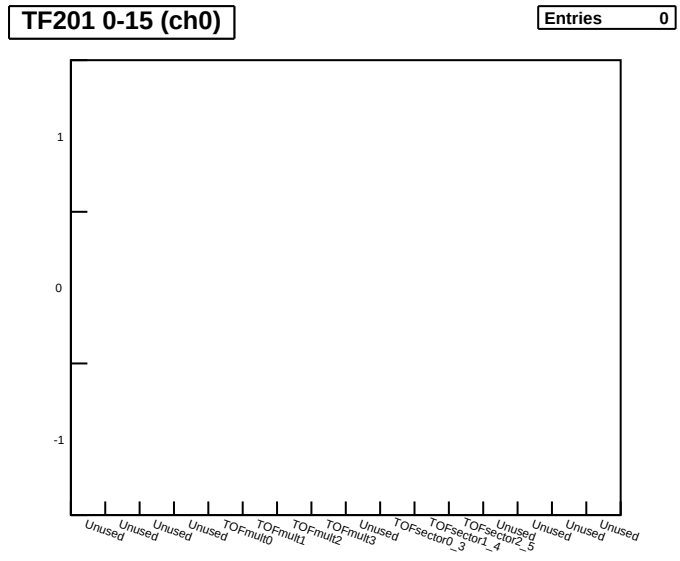

Entries 300408
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

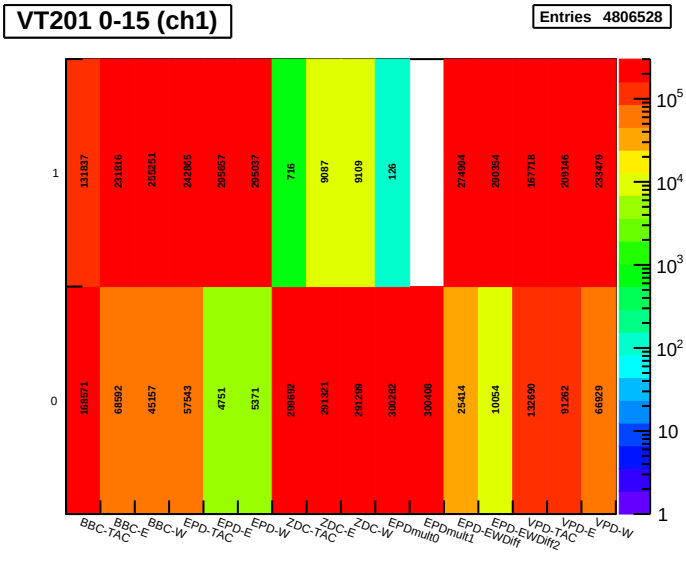

Entries 300408
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

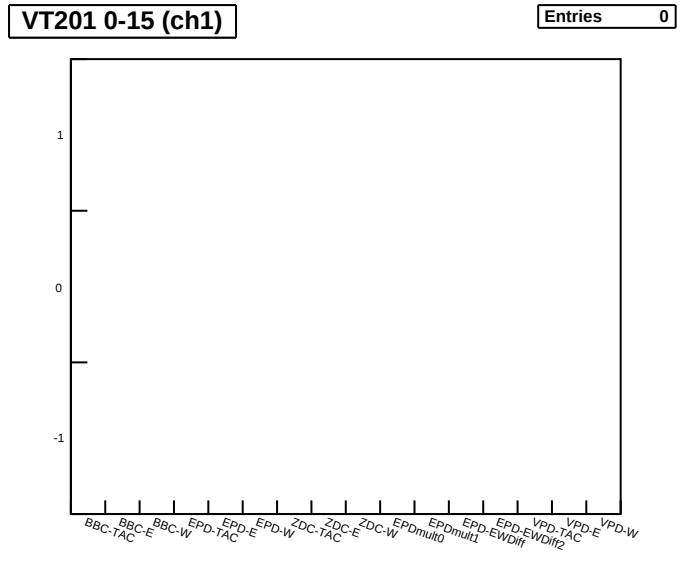

Laser Input Bits
Entries 300408
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

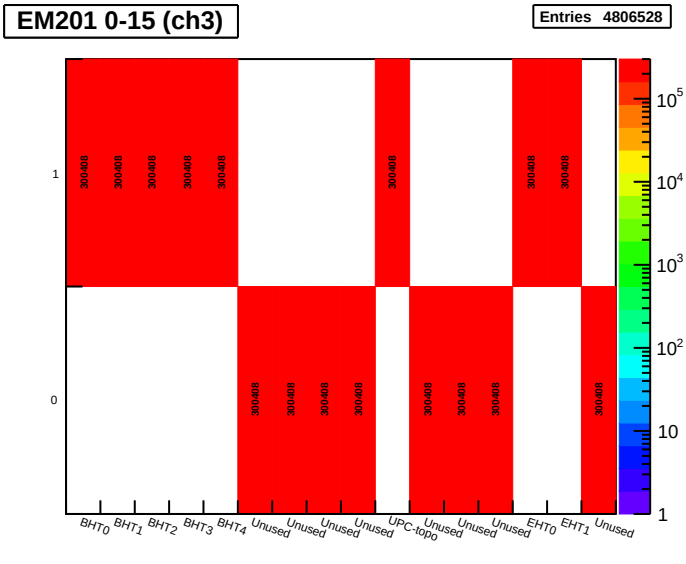

ST201 0-15 (ch6)
Entries 4806528
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
300408
300397
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

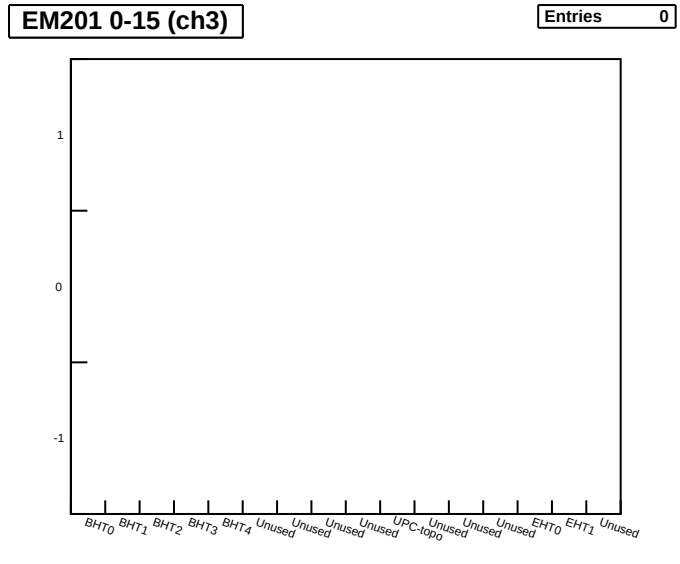

TF201 0-15 (ch0)
Entries 4806528
1
0
300408
300408
300408
300408
3769
26365
37472
101359
300408
47545
46788
50363
300408
300408
296639
274043
262936
199049
252863
253620
250045
300408
300408
300408
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 4806528
1
0
131837
231816
255251
242865
295657
295037
716
9087
9109
126
274994
290354
167718
209146
233479
168571
68592
45157
57543
4751
5371
299692
291321
291299
300282
300408
25414
10054
132690
91262
66829
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 4806528
1
0
300408
300408
300408
300408
300408
300408
300408
300408
300408
300408
300408
300408
300408
300408
300408
300408
300408
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