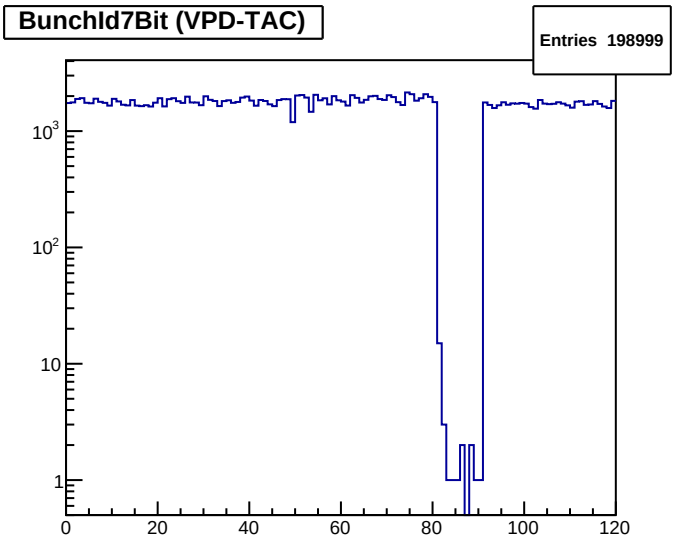
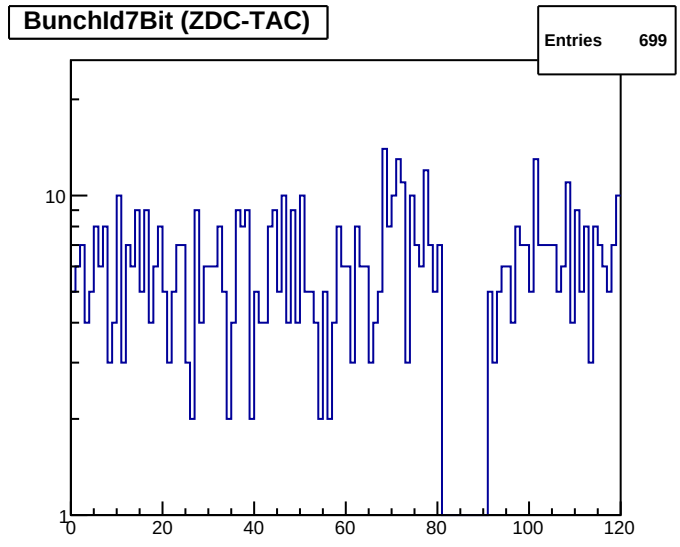
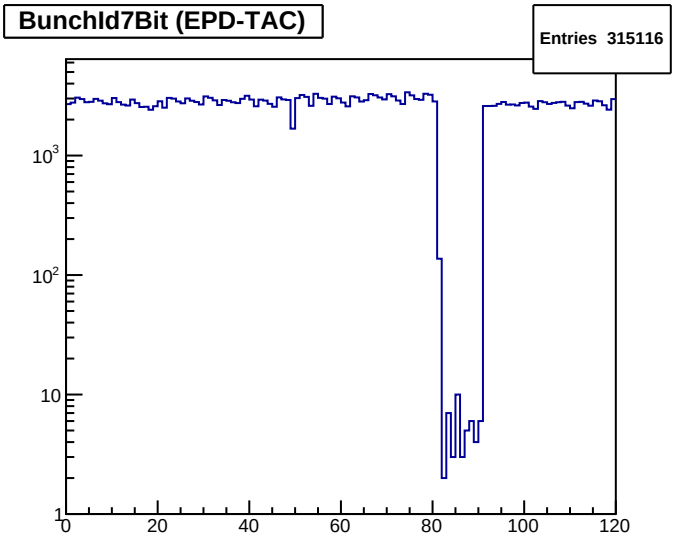
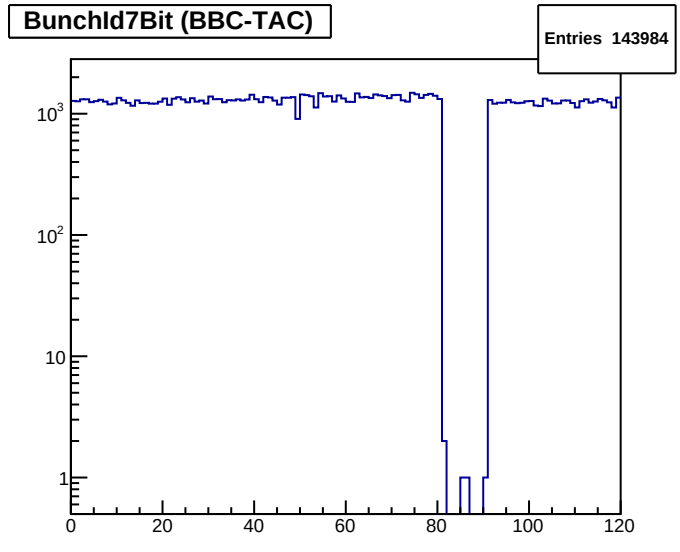
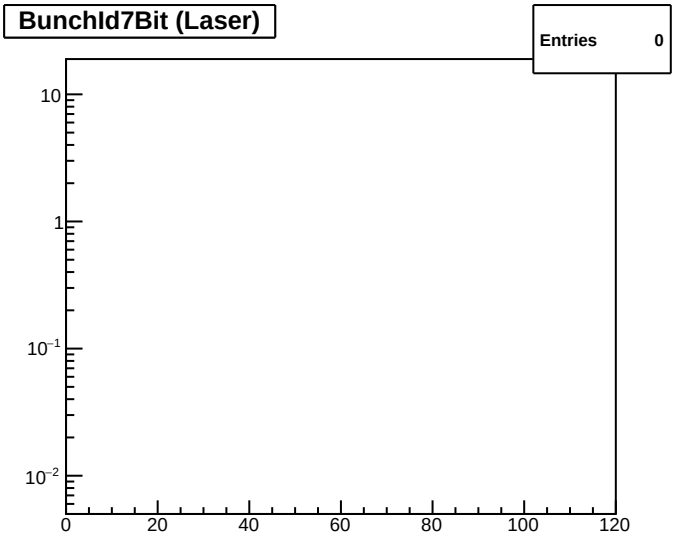
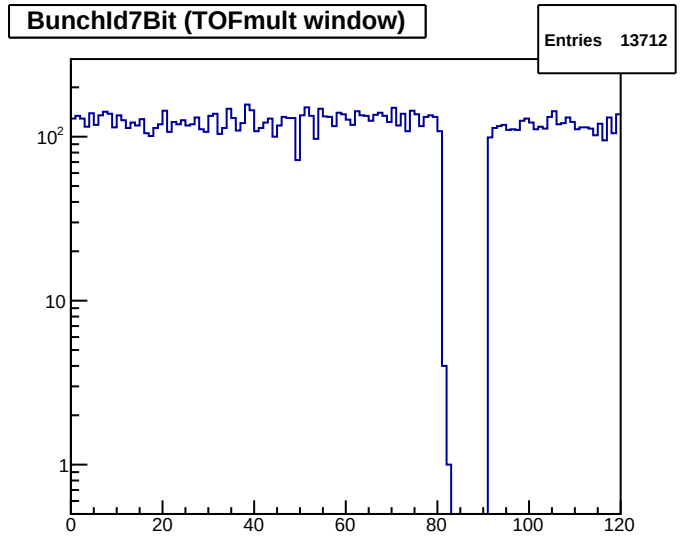

BunchId7Bit (VPD-TAC)
Entries 198999

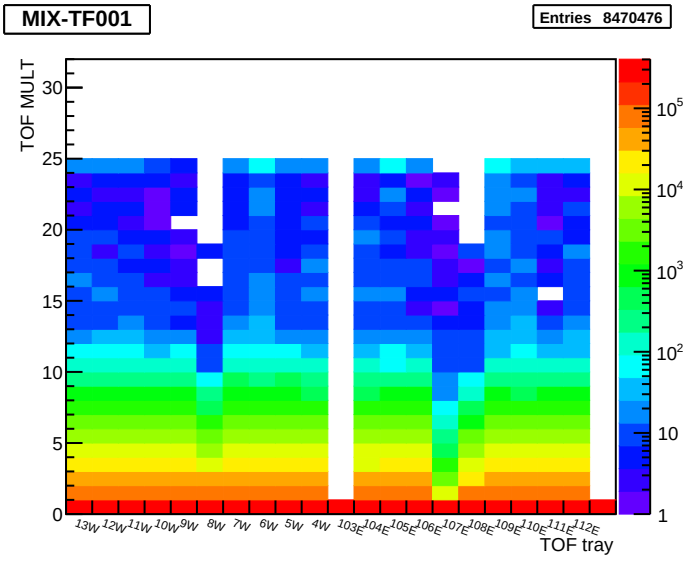

BunchId7Bit (ZDC-TAC)
Entries 699

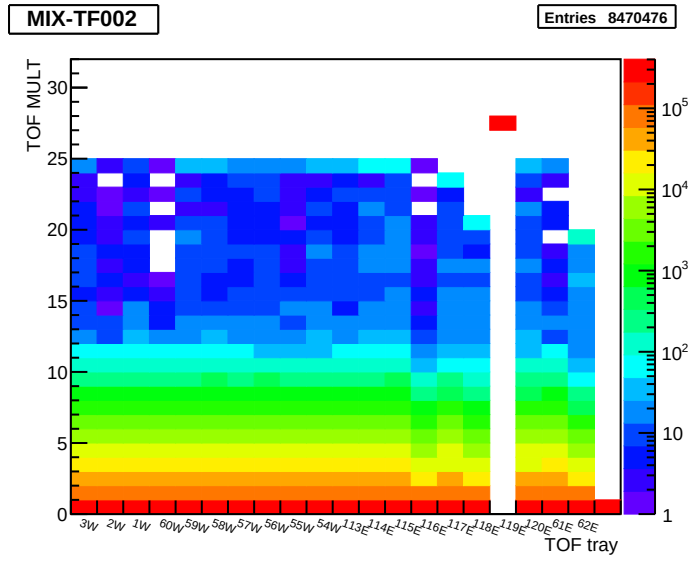

BunchId7Bit (EPD-TAC)
Entries 315116

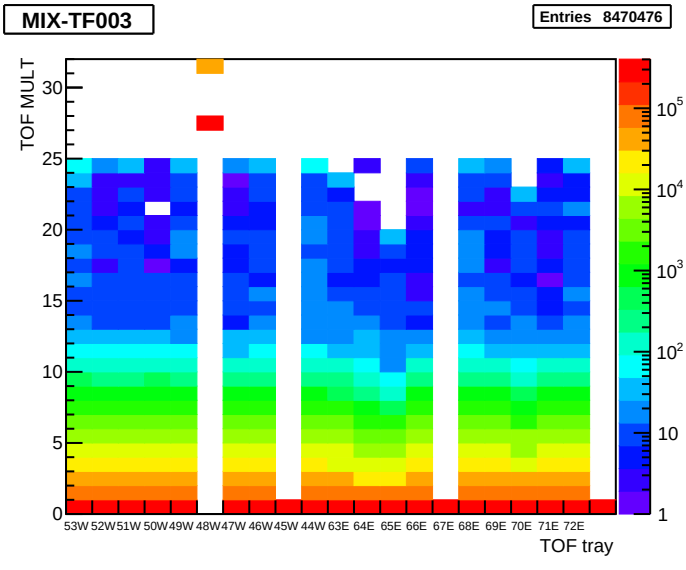

BunchId7Bit (BBC-TAC)
Entries 143984

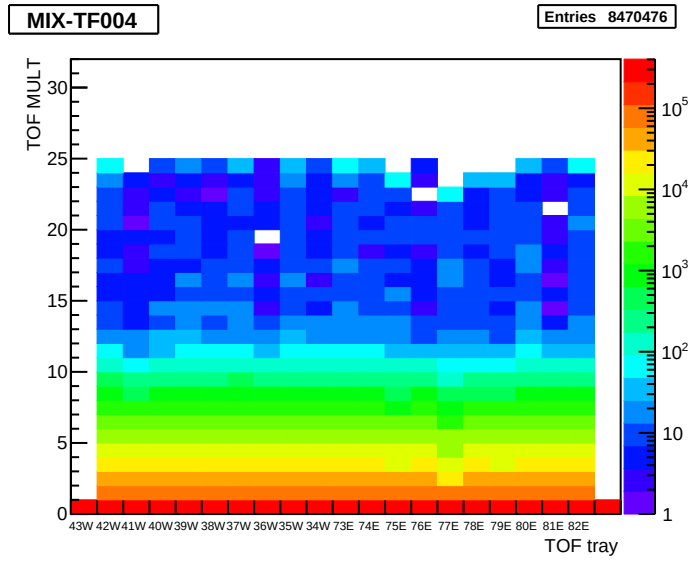

BunchId7Bit (Laser)
Entries 0

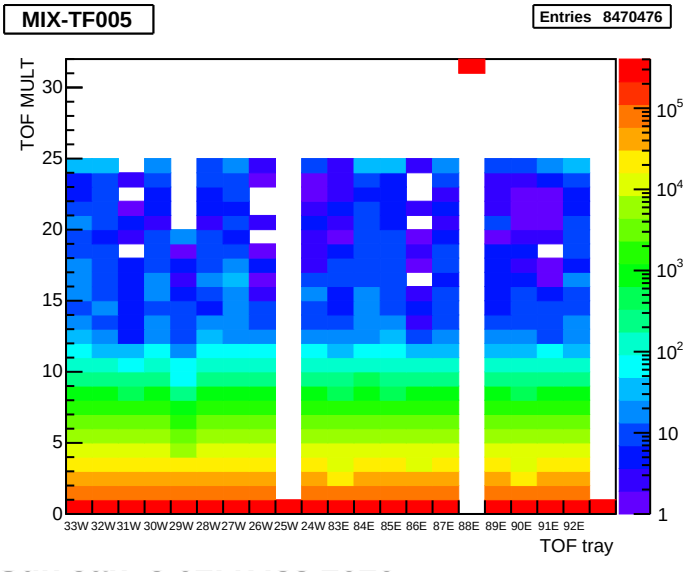

BunchId7Bit (TOFmult window)
Entries 13712

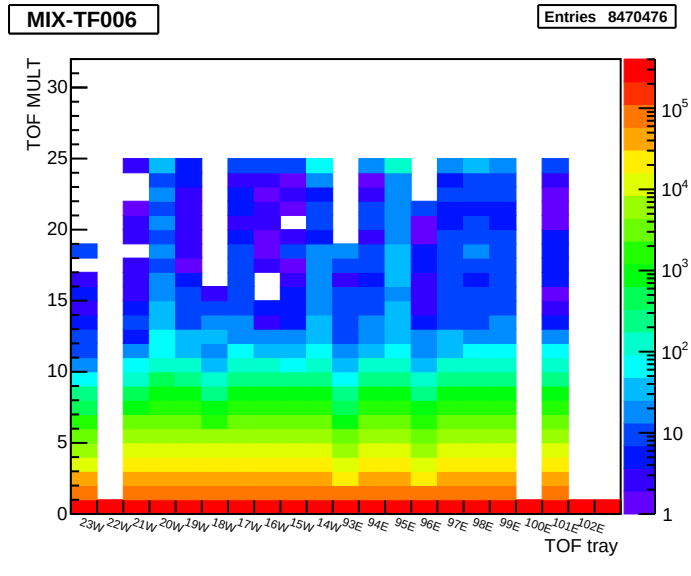

MIX-TF001
Entries 8470476
TOF MULT
TOF tray

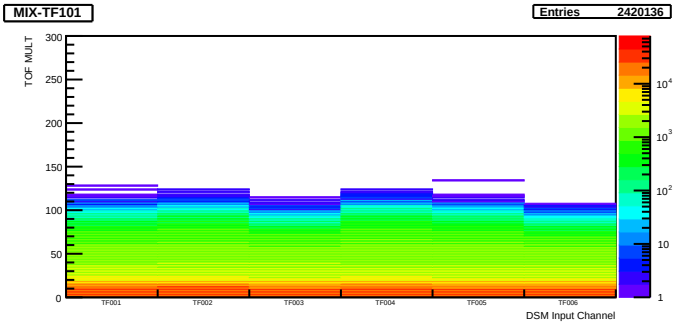

MIX-TF002
Entries 8470476
TOF MULT
TOF tray

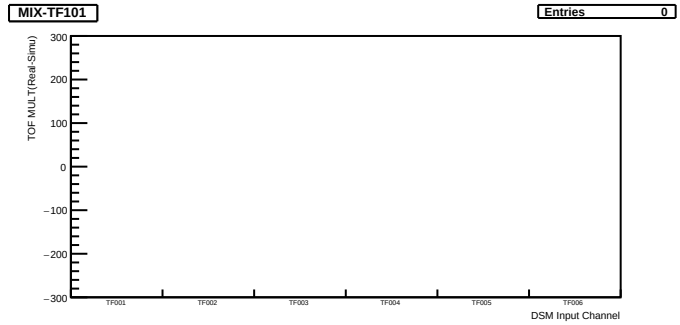

MIX-TF003
Entries 8470476
TOF MULT
TOF tray

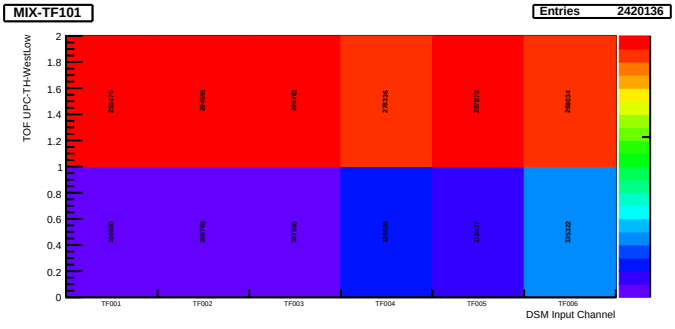

MIX-TF004
Entries 8470476
TOF MULT
TOF tray

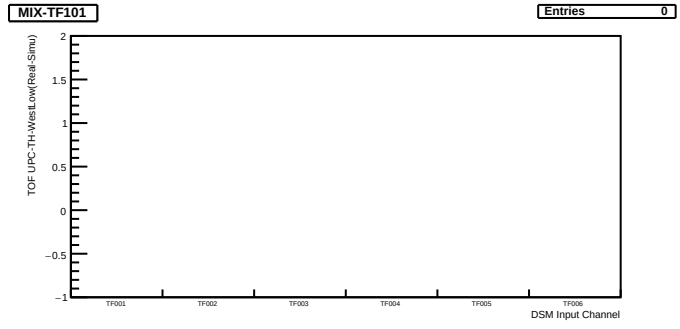

MIX-TF005
Entries 8470476
TOF MULT
TOF tray

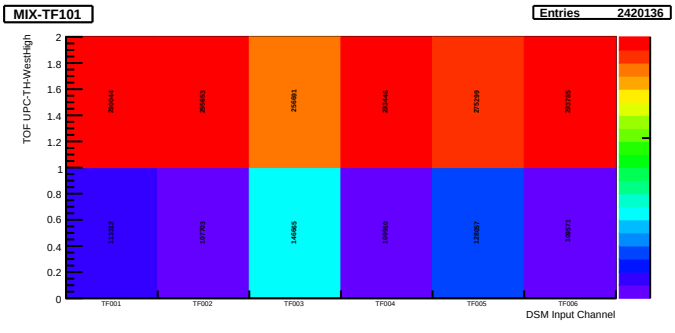

MIX-TF006
Entries 8470476
TOF MULT
TOF tray

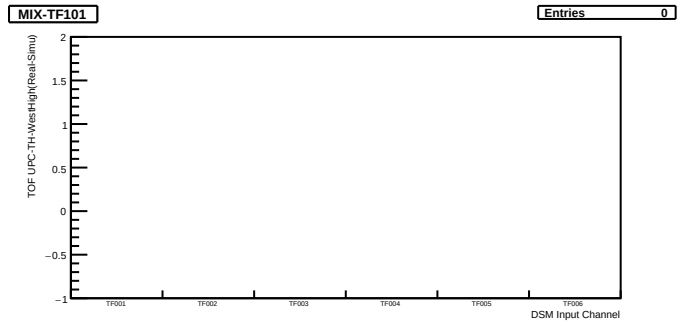

MIX-TF101
Entries 2420136
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

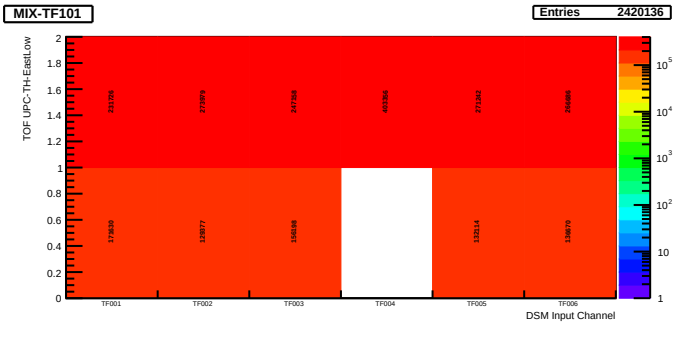

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

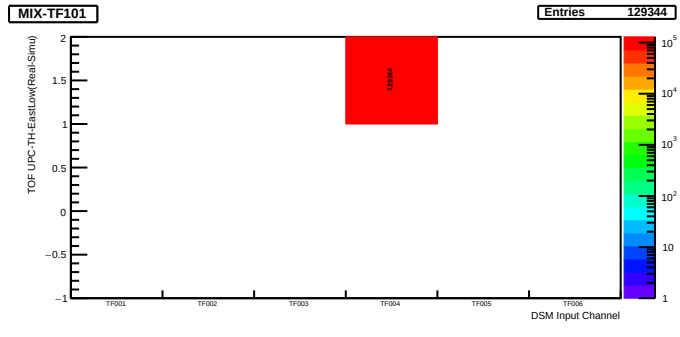

MIX-TF101
Entries 2420136
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

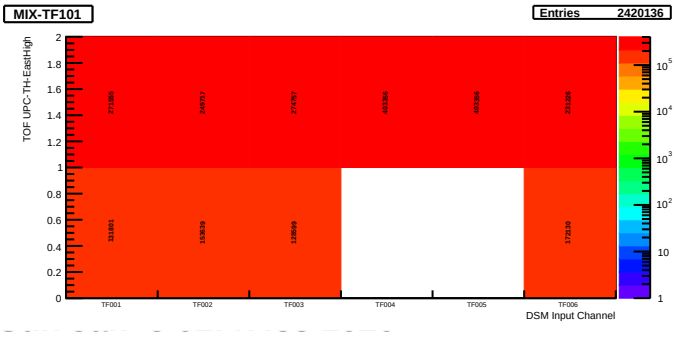

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

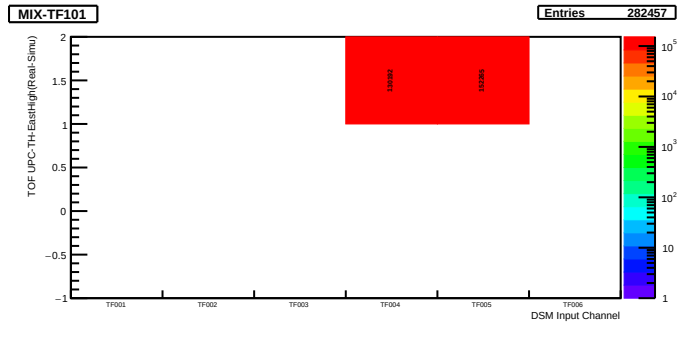

MIX-TF101
Entries 2420136
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

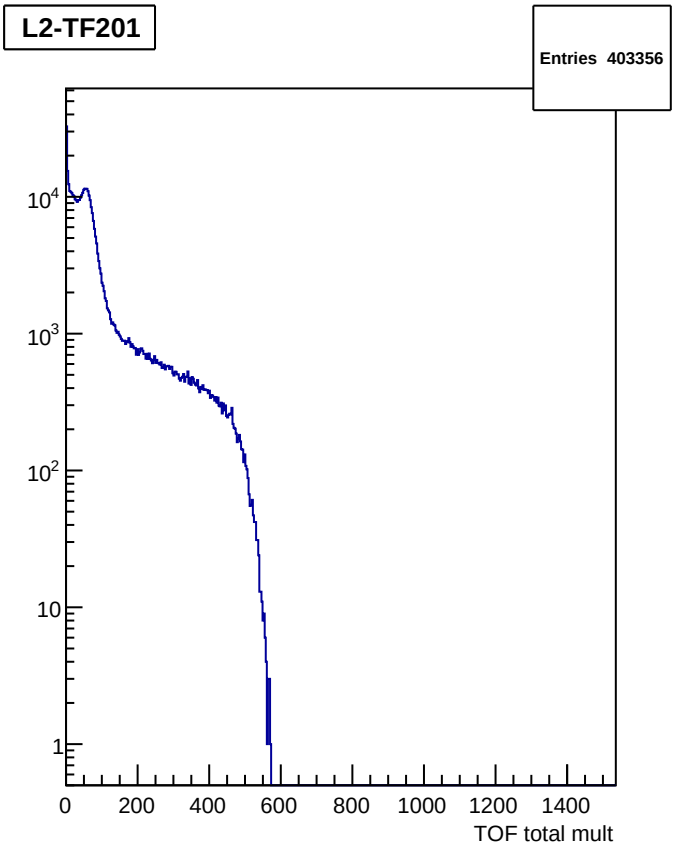

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

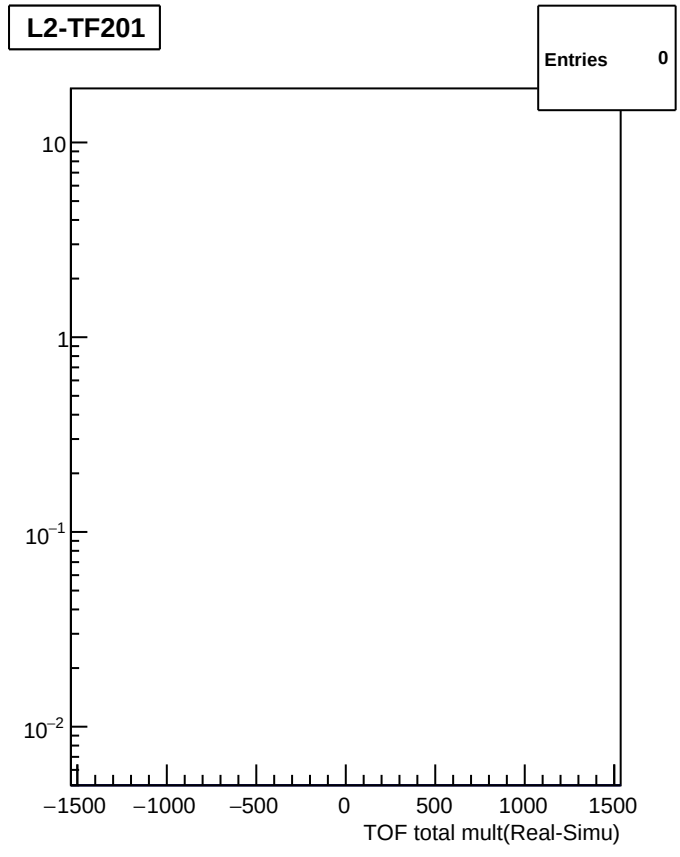

MIX-TF101
Entries 2420136
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

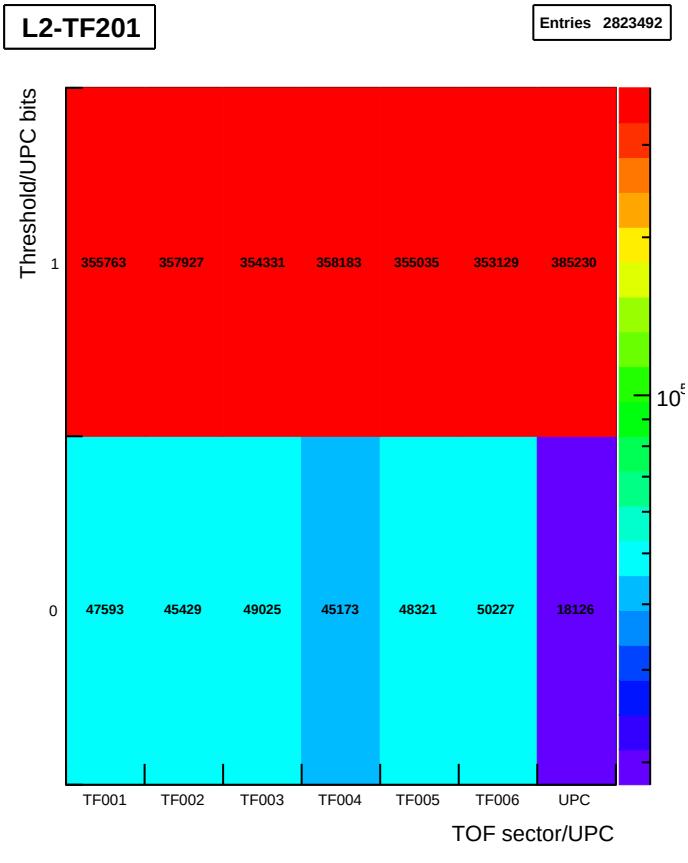

MIX-TF101
Entries 129344
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

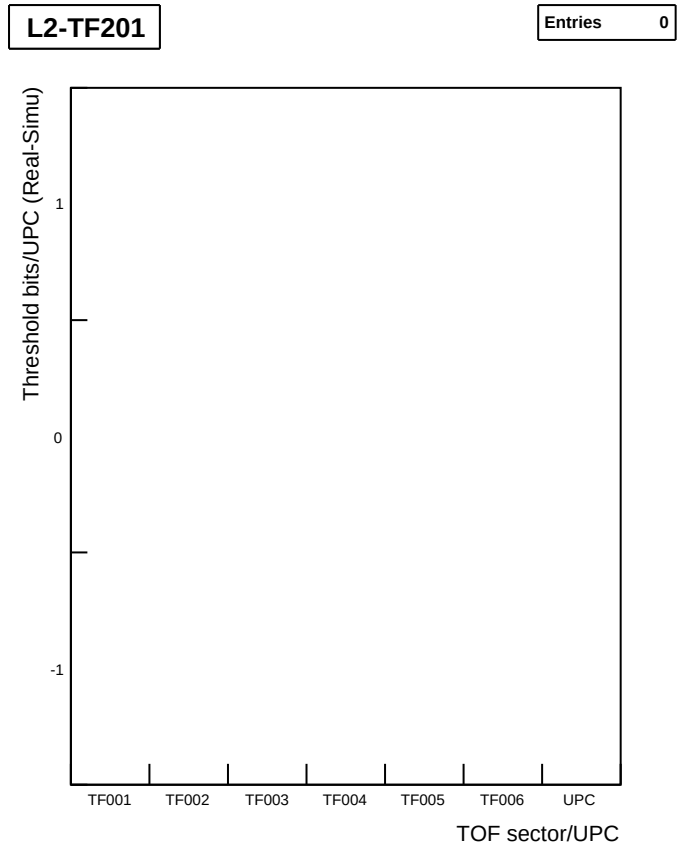

MIX-TF101
Entries 2420136
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

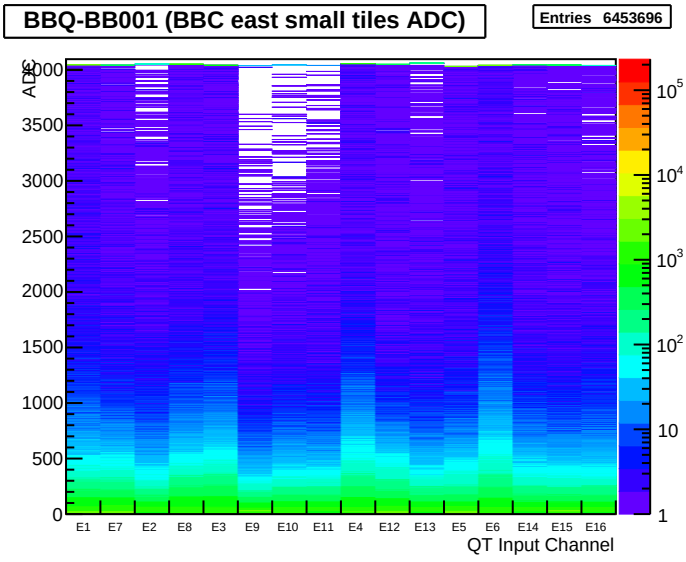

MIX-TF101
Entries 282457
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

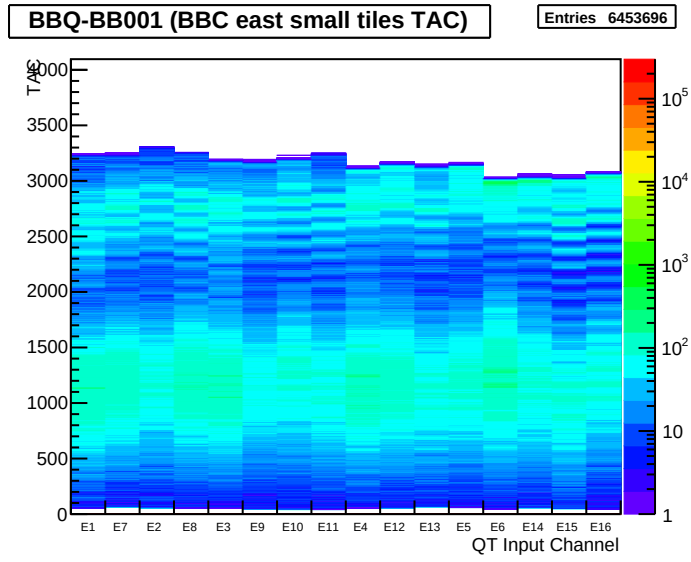

L2-TF201
Entries 403356
TOF total mult

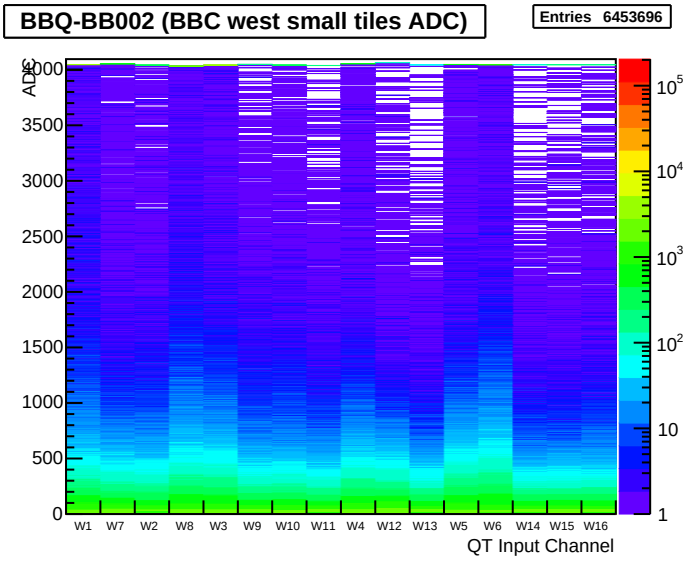

L2-TF201
Entries 0
TOF total mult(Real-Simu)

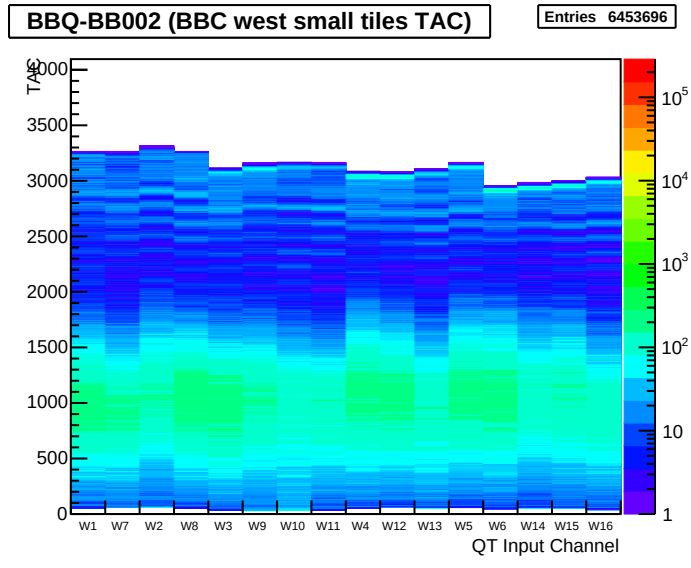

L2-TF201
Entries 2823492
Threshold/UPC bits
355763
357927
354331
358183
355035
353129
385230
47593
45429
49025
45173
48321
50227
18126
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

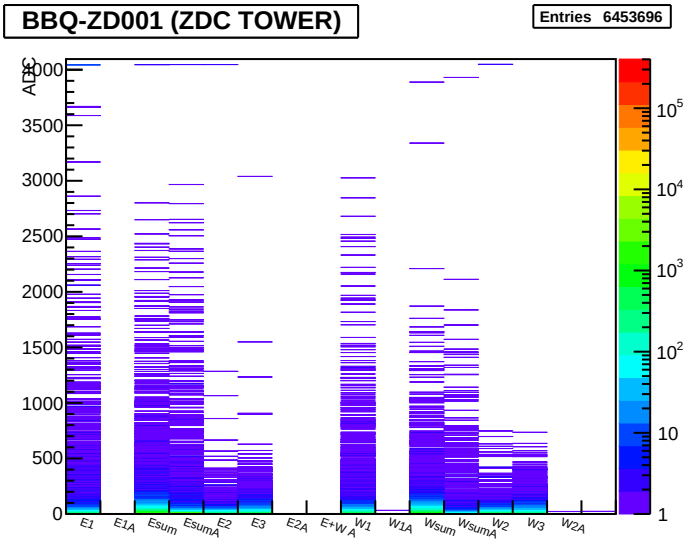

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

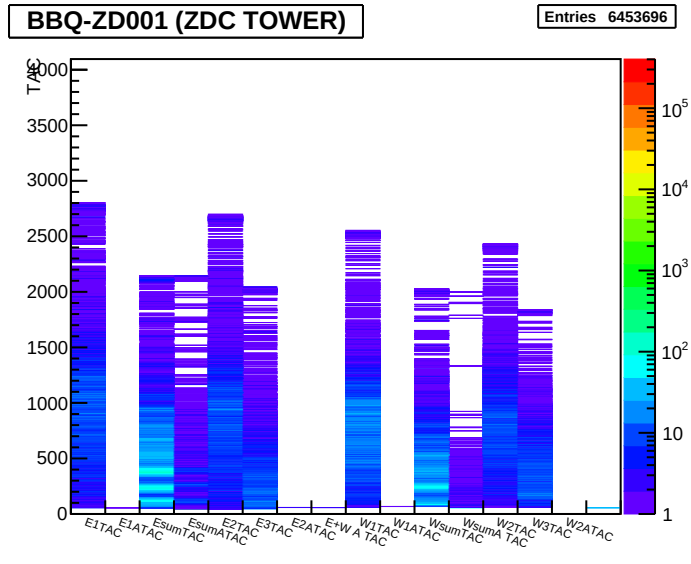

BBQ-BB001 (BBC east small tiles ADC)
Entries 6453696
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

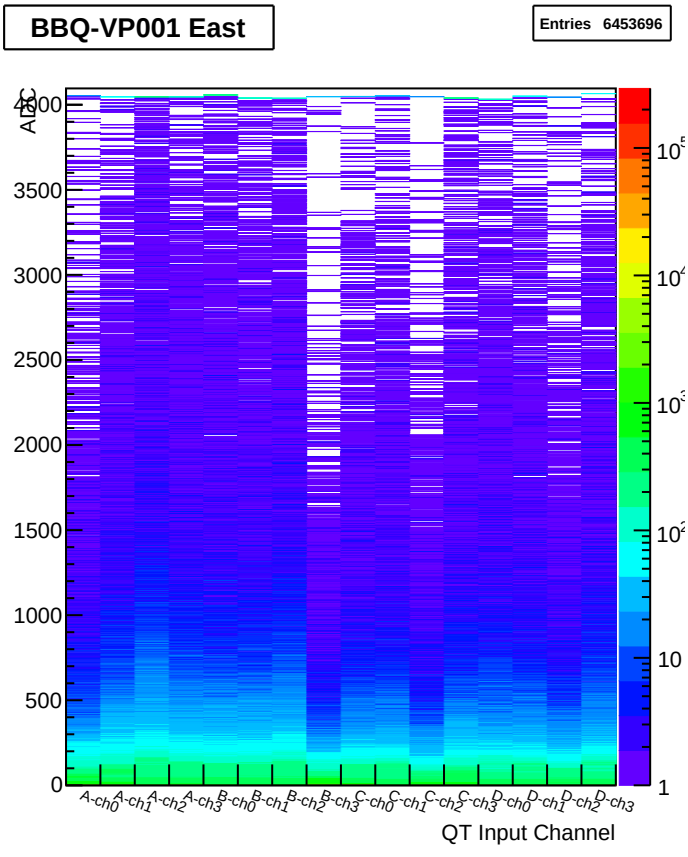

BBQ-BB001 (BBC east small tiles TAC)
Entries 6453696
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

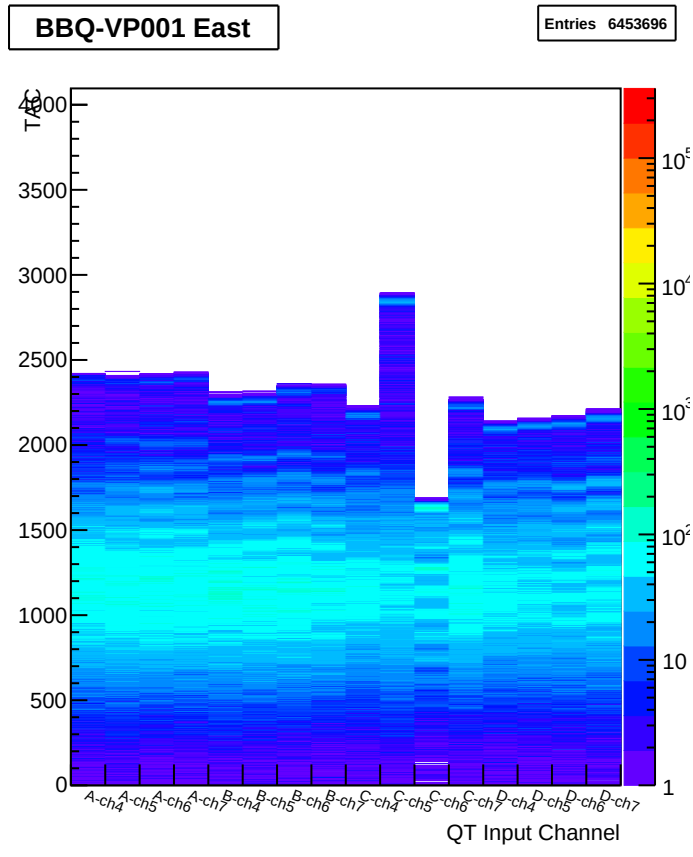

BBQ-BB002 (BBC west small tiles ADC)
Entries 6453696
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

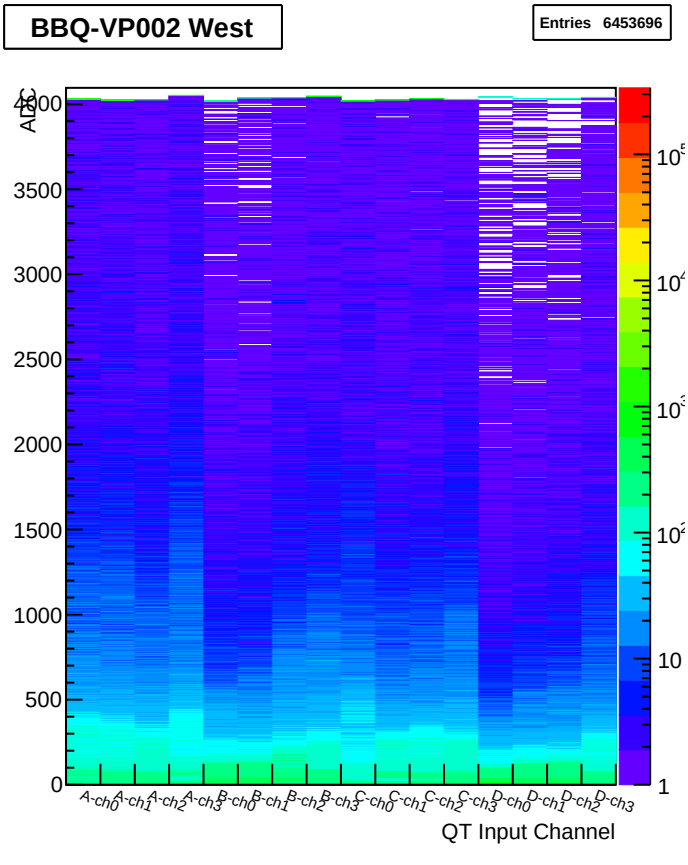

BBQ-BB002 (BBC west small tiles TAC)
Entries 6453696
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

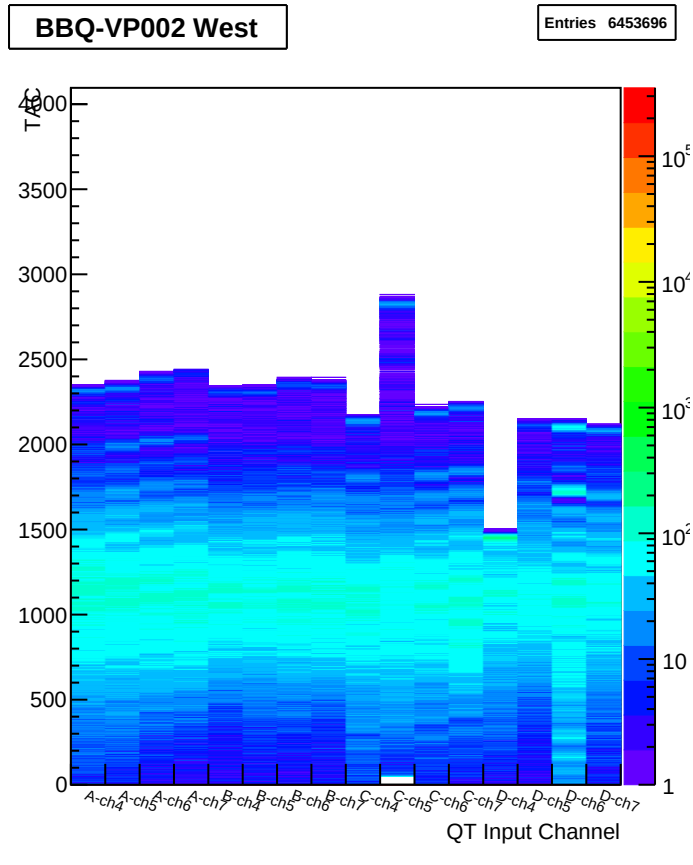

BBQ-ZD001 (ZDC TOWER)
Entries 6453696
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

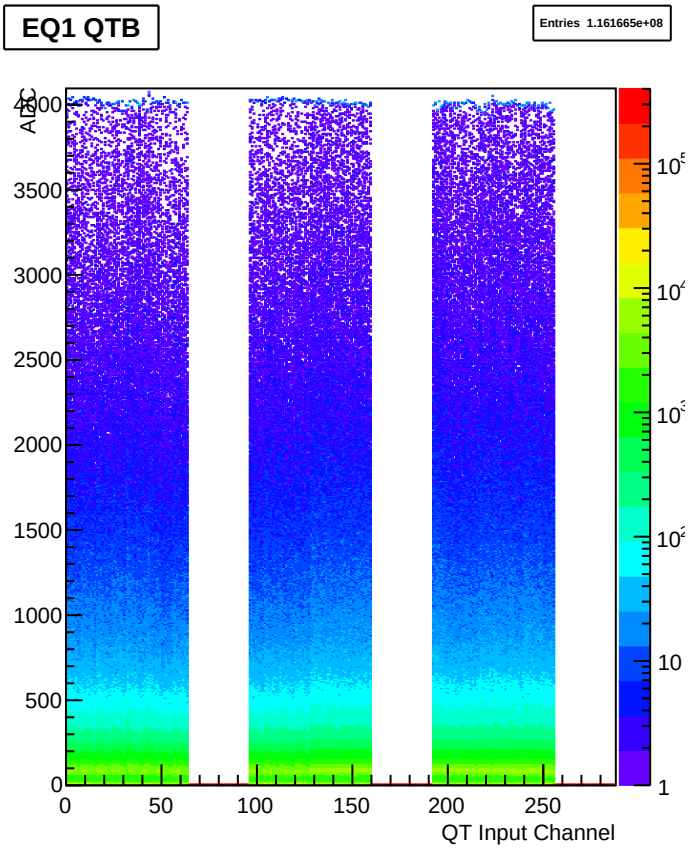

BBQ-ZD001 (ZDC TOWER)
Entries 6453696
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

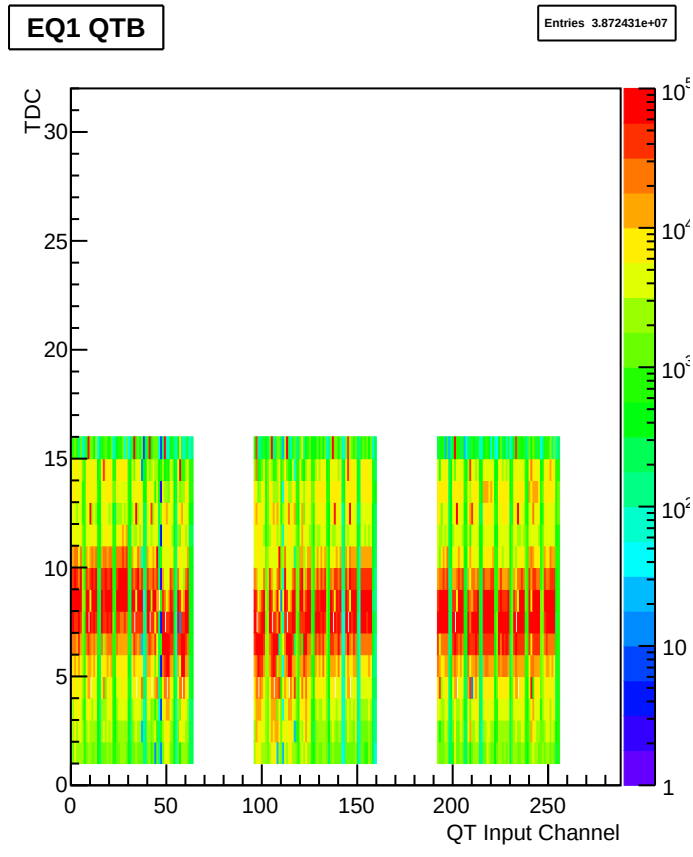

BBQ-VP001 East
Entries 6453696
ADC
QT Input Channel

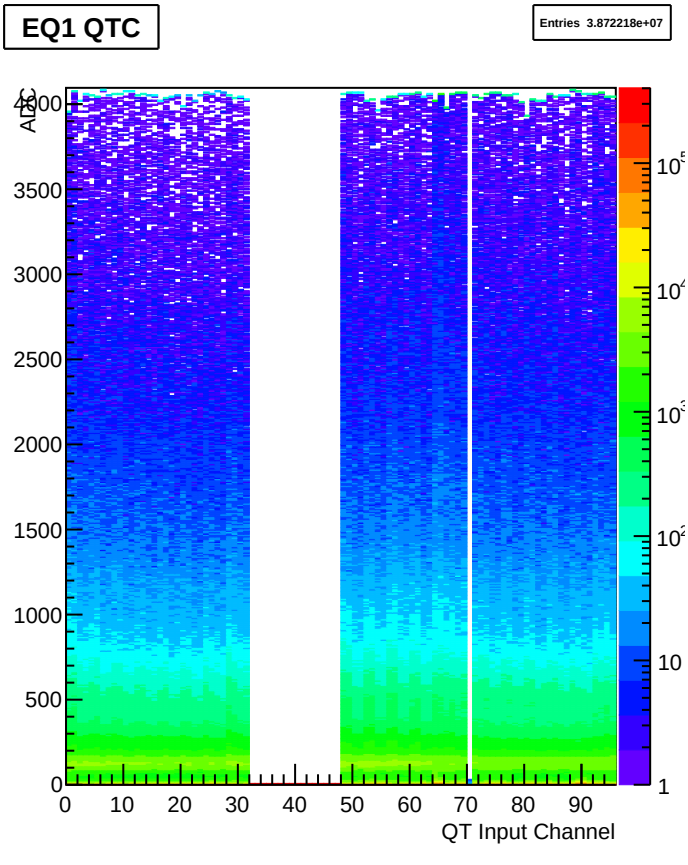

BBQ-VP001 East
Entries 6453696
ADC
QT Input Channel

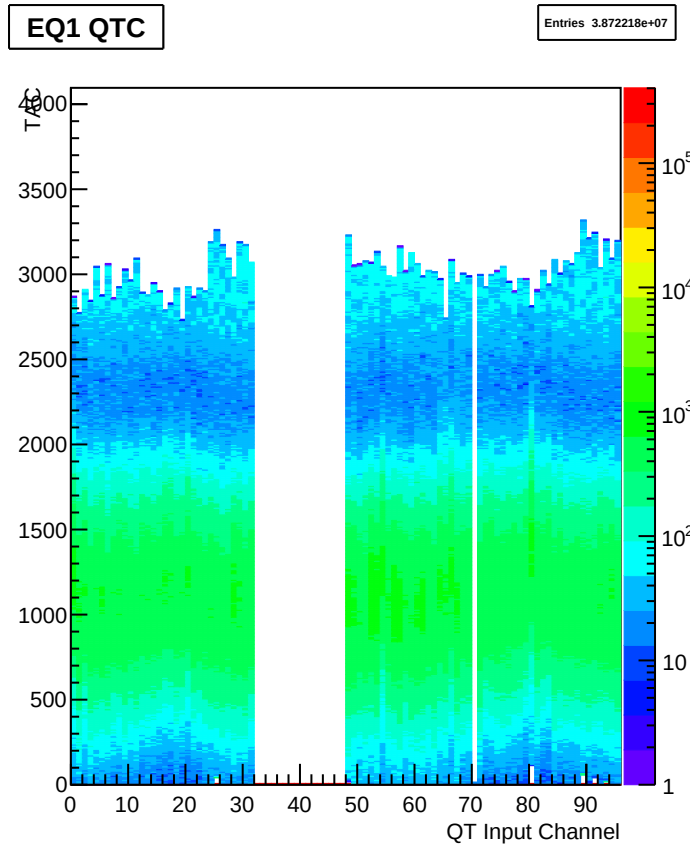

BBQ-VP002 West
Entries 6453696
ADC
QT Input Channel

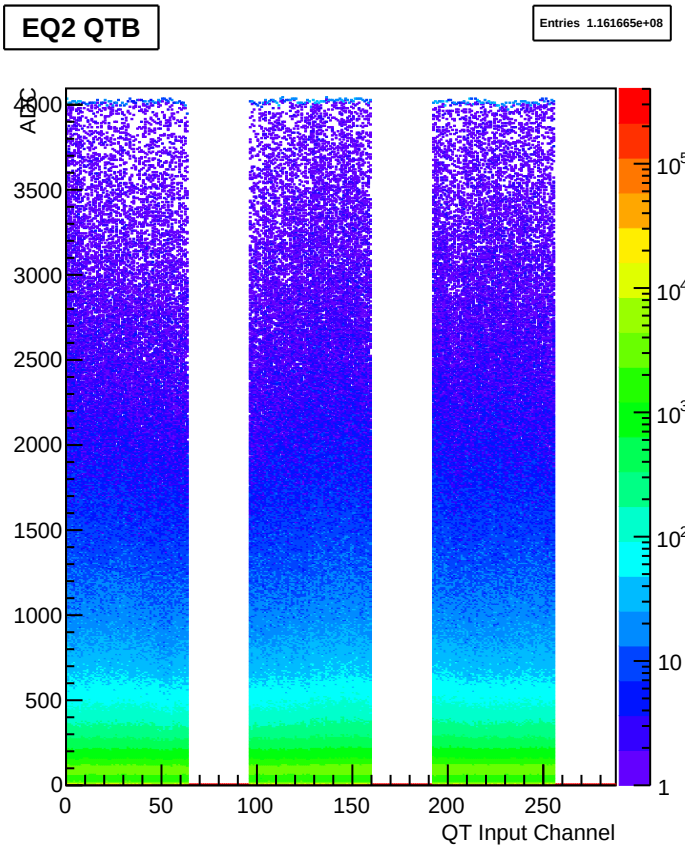

BBQ-VP002 West
Entries 6453696
ADC
QT Input Channel

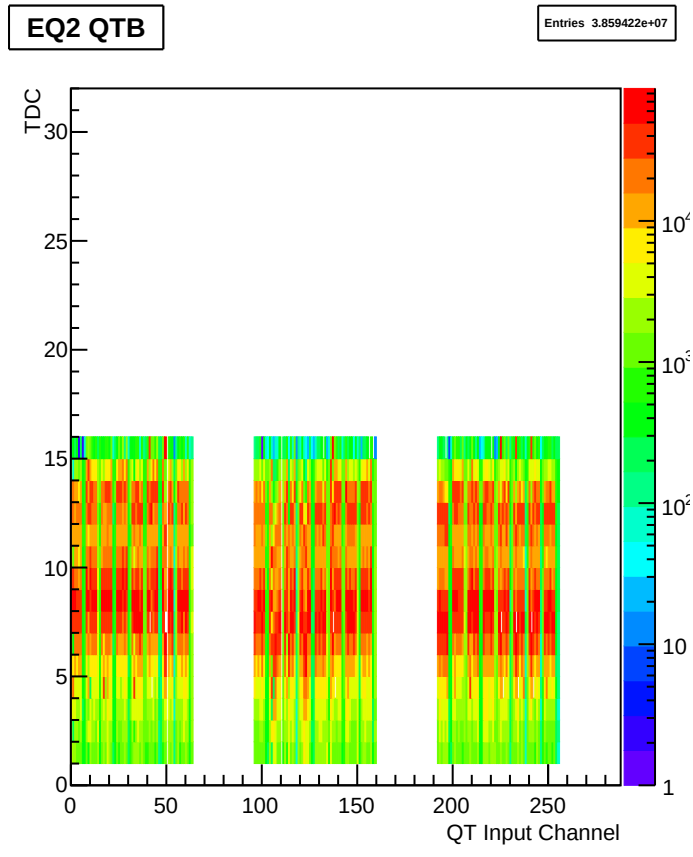

EQ1 QTB
Entries 1.161665e+08
ADC
QT Input Channel

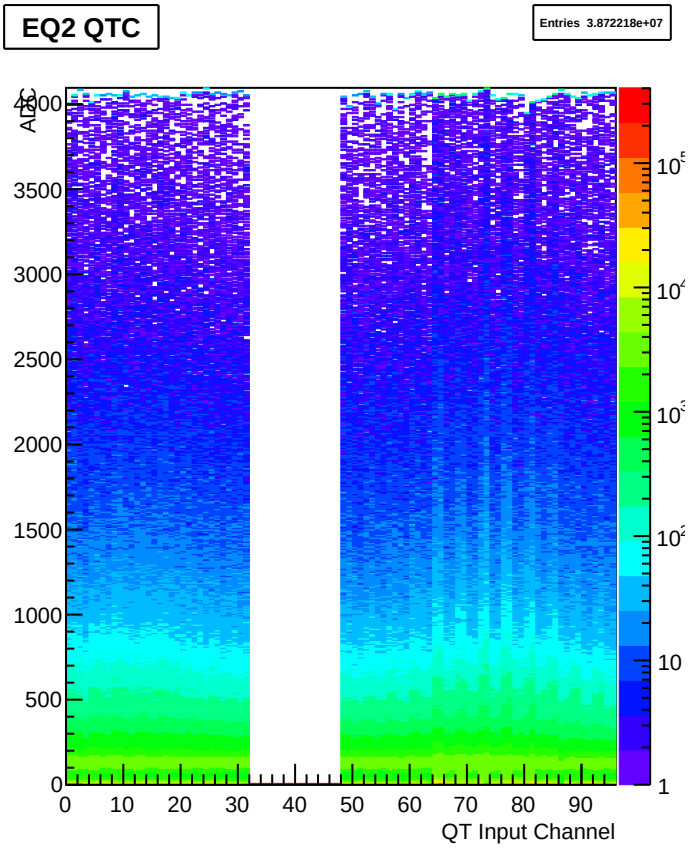

EQ1 QTB
Entries 3.872431e+07
TDC
QT Input Channel

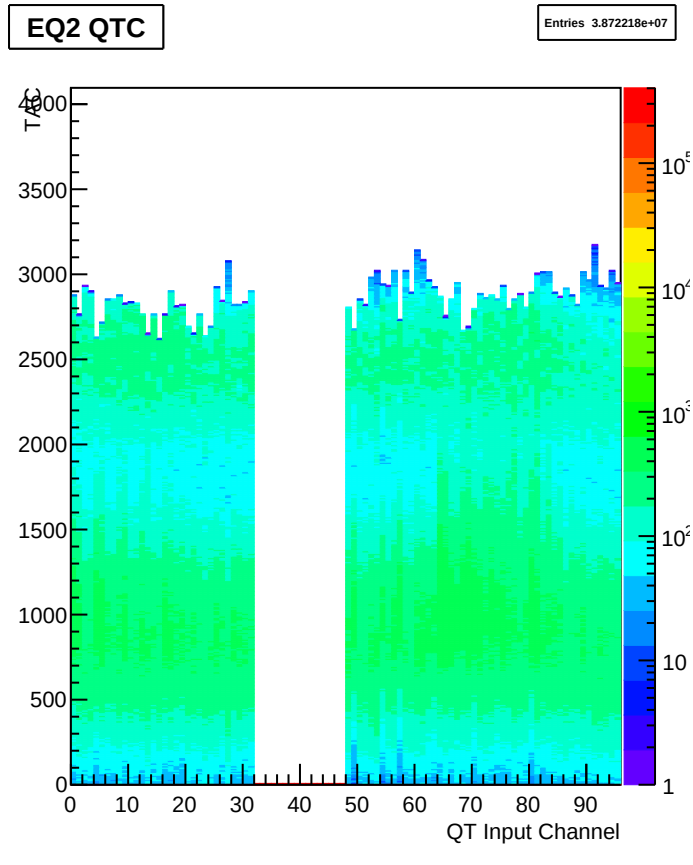

EQ1 QTC
Entries 3.872218e+07
ADC
QT Input Channel

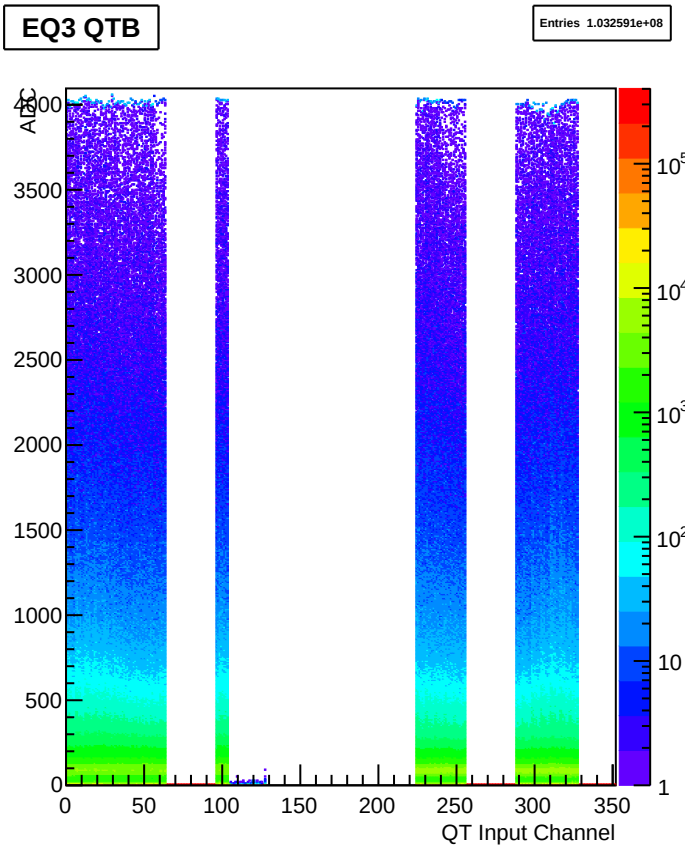

EQ1 QTC
Entries 3.872218e+07
TADC
QT Input Channel

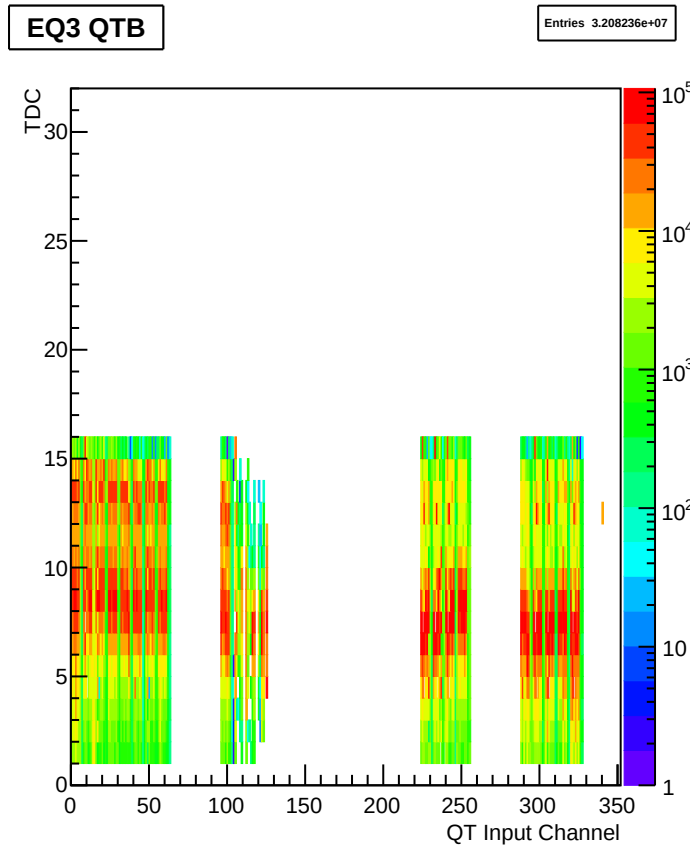

EQ2 QTB
Entries 1.161665e+08
ADC
QT Input Channel

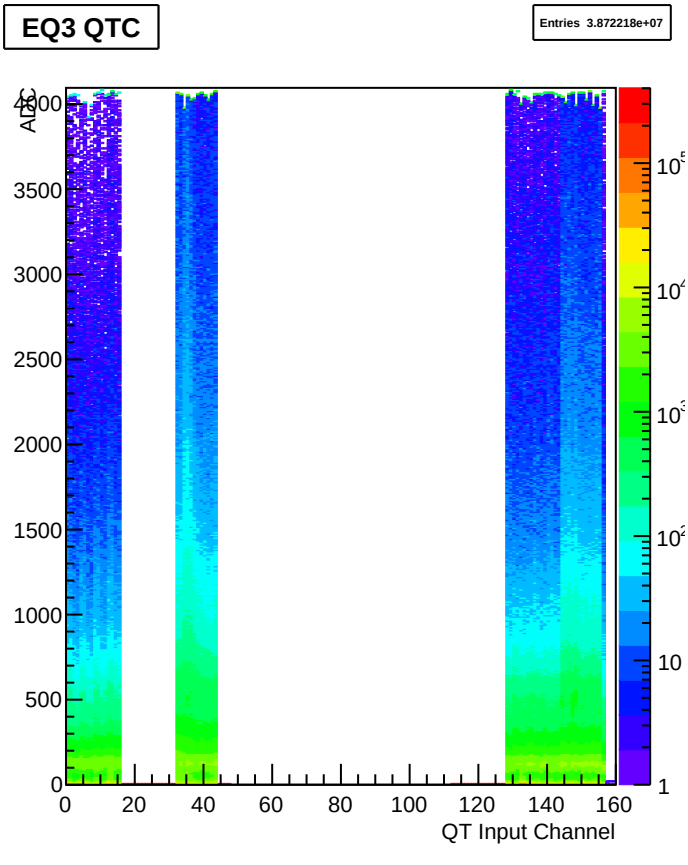

EQ2 QTB
Entries 3.859422e+07
TDC
QT Input Channel

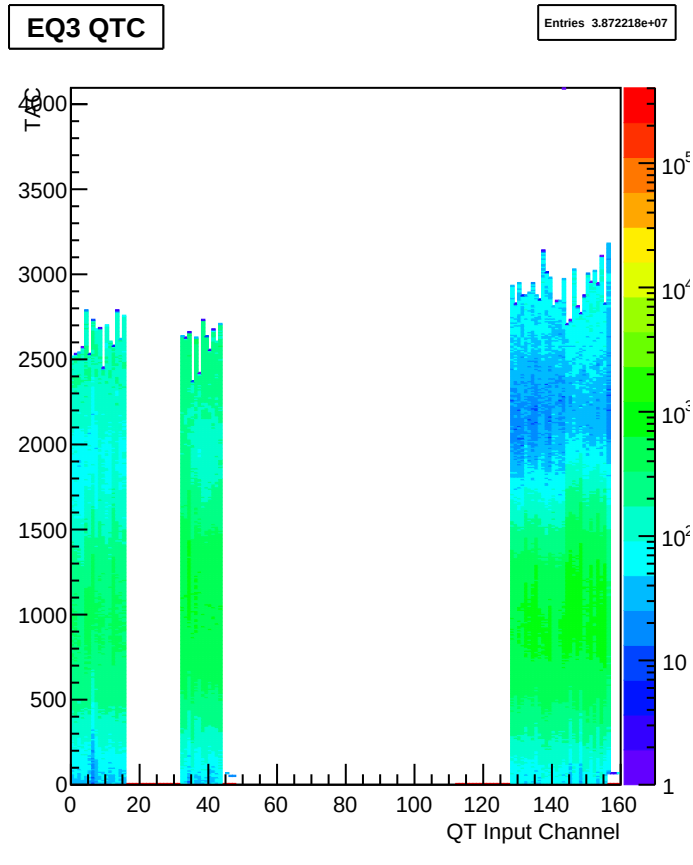

EQ2 QTC
Entries 3.872218e+07
ADC
QT Input Channel

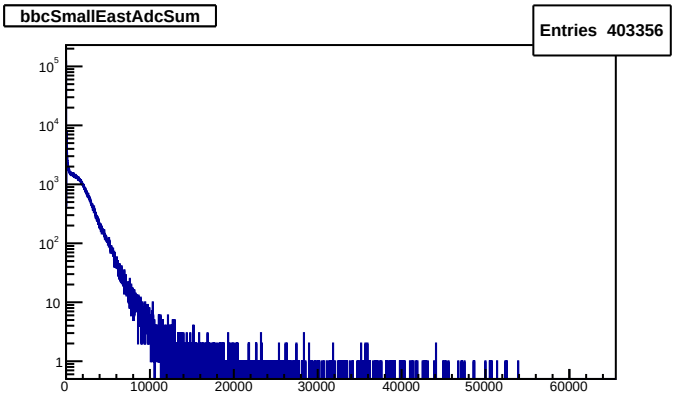

EQ2 QTC
Entries 3.872218e+07
TADC
QT Input Channel

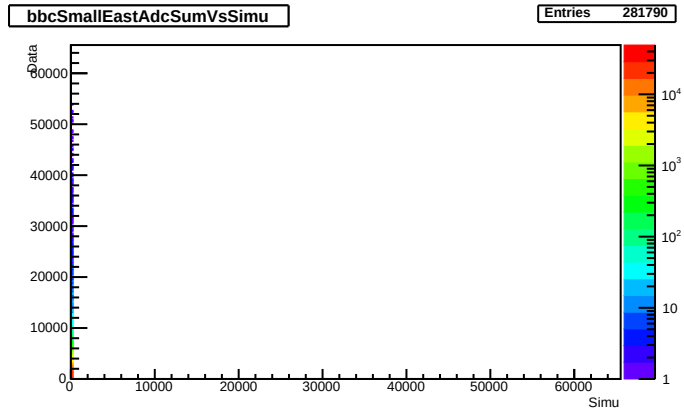

EQ3 QTB
Entries 1.032591e+08
ADC
QT Input Channel

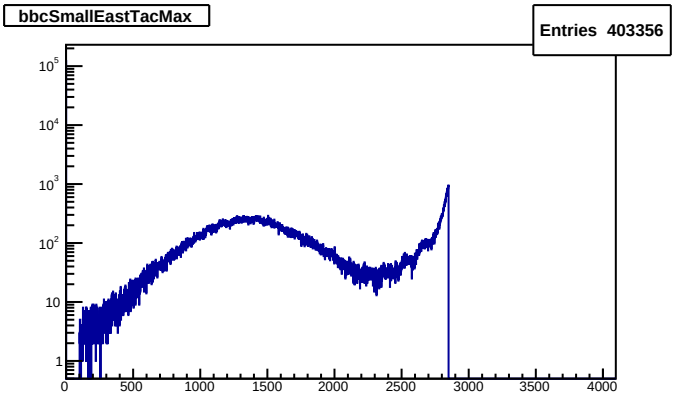

EQ3 QTB
Entries 3.208236e+07
TDC
QT Input Channel

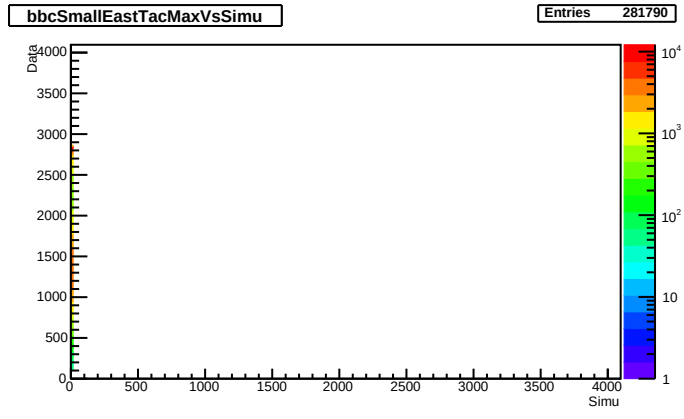

EQ3 QTC
Entries 3.872218e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.872218e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 403356


bbcSmallEastAdcSumVsSimu
Entries 281790
Data
Simu


bbcSmallEastTacMax
Entries 403356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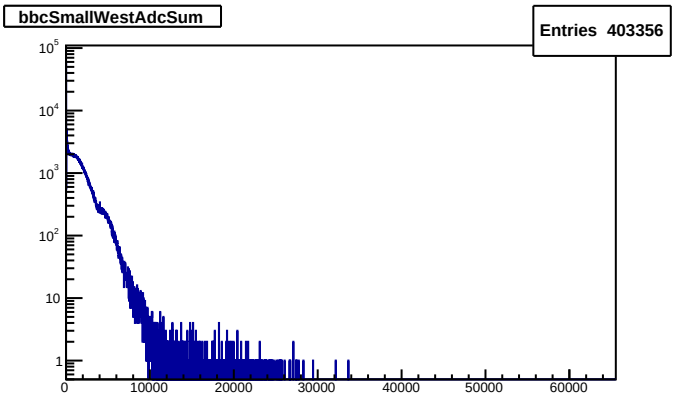
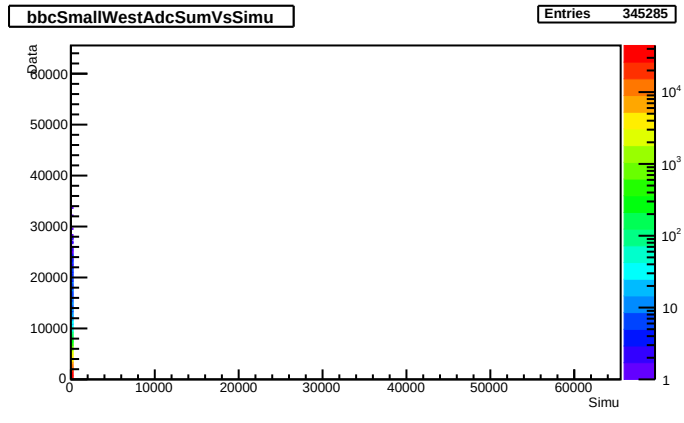
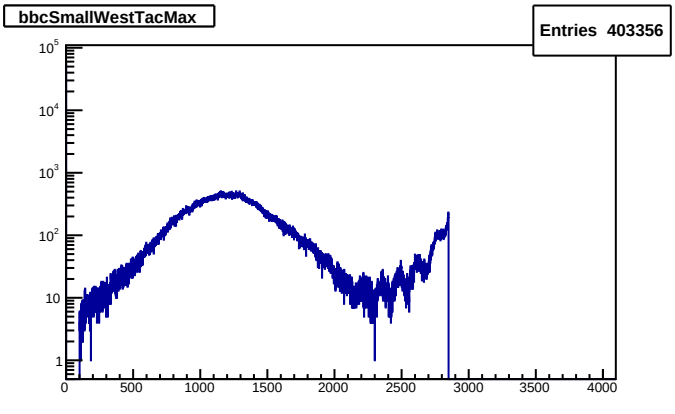
Entries 281790
Data
Simu


bbcSmallWestAdcSum
Entries 403356


bbcSmallWestAdcSumVsSimu
Entries 345285
Data
Simu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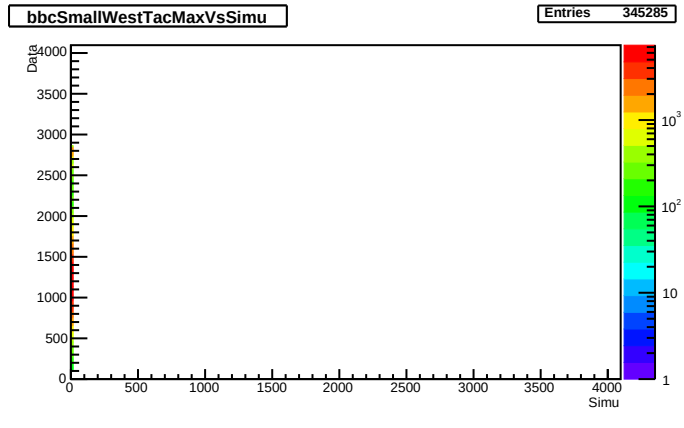
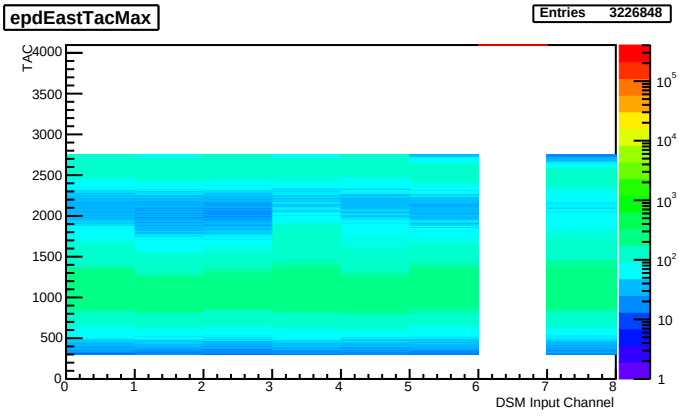
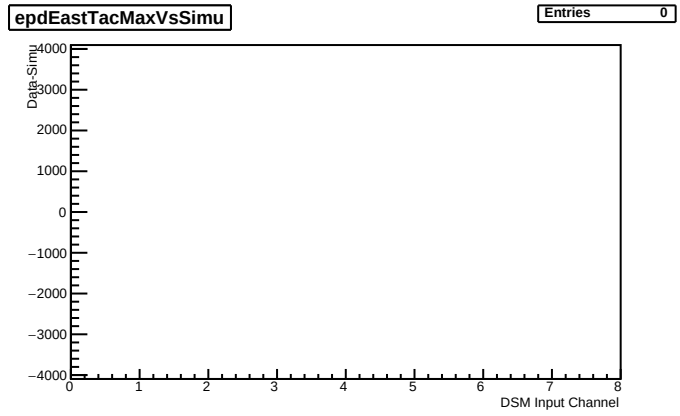
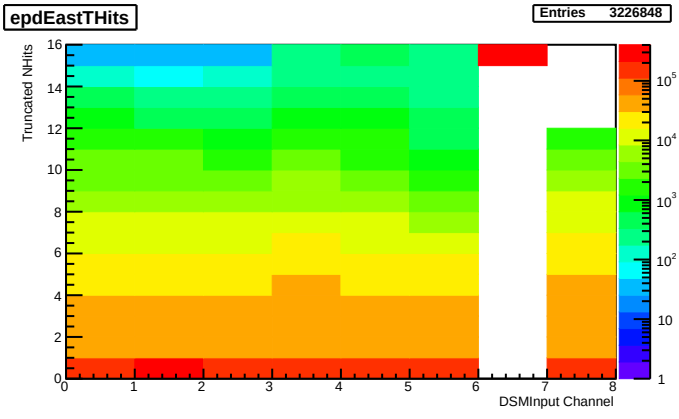
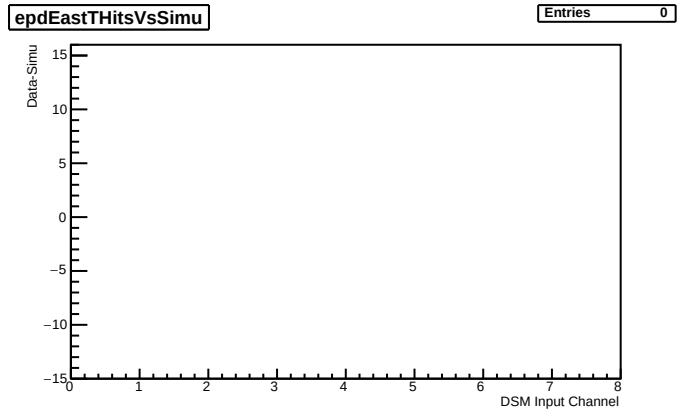
Entries 403356


bbcSmallWestTacMaxVsSimu
Entries 345285
Data
Simu


epdEastTacMax
Entries 3226848
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3226848
Truncated NHits
DSMInput Channel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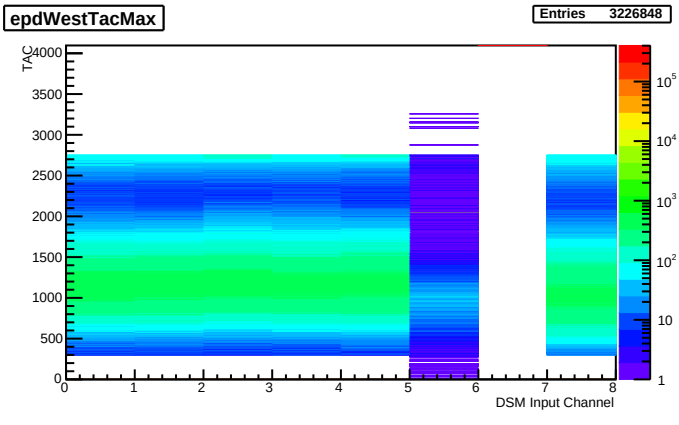
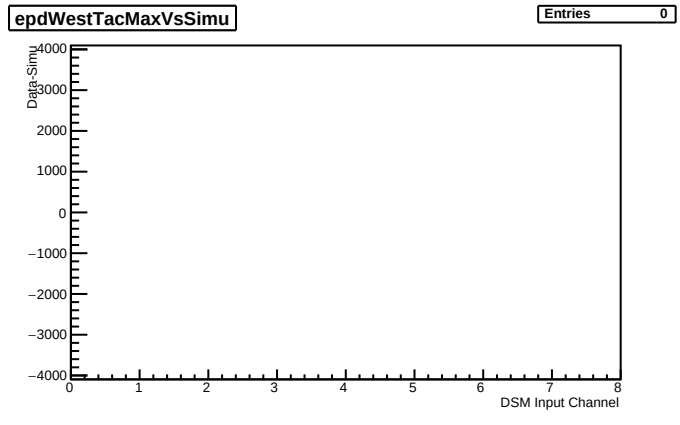
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3226848
TAC
DSM Input Channel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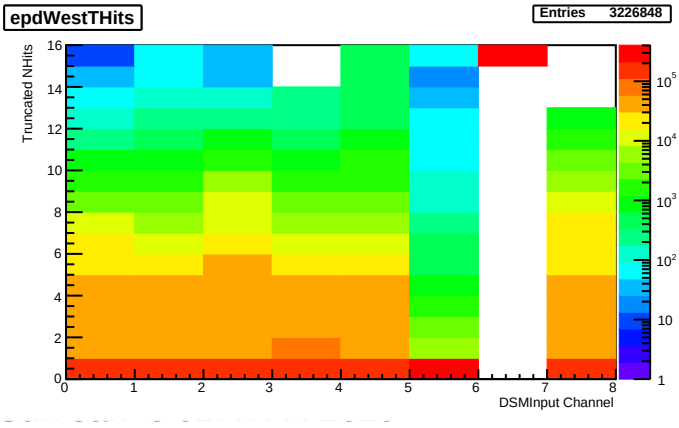
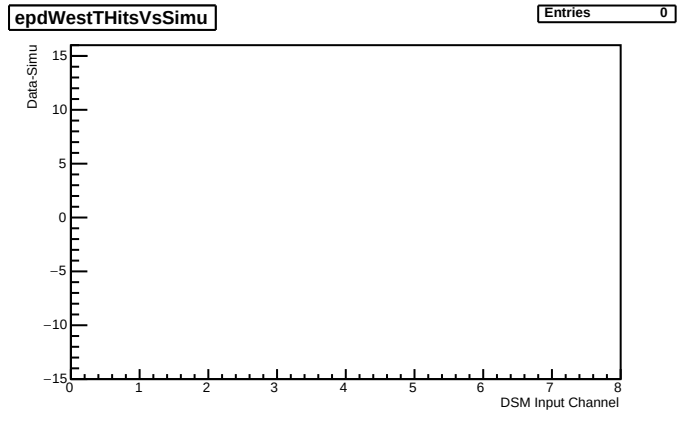
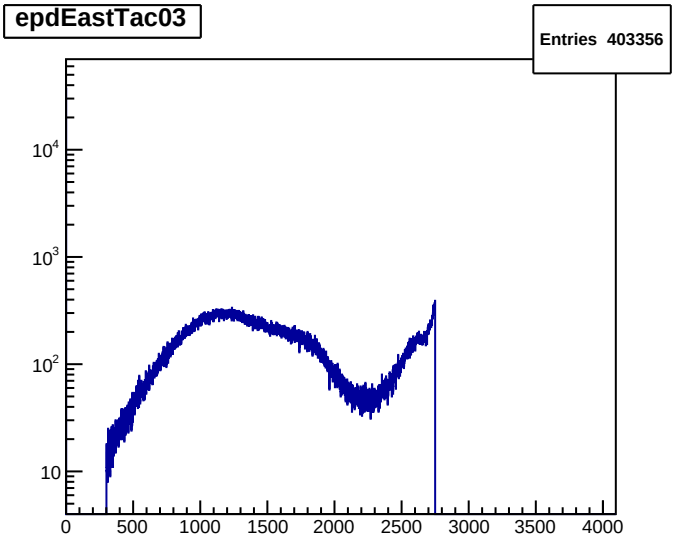
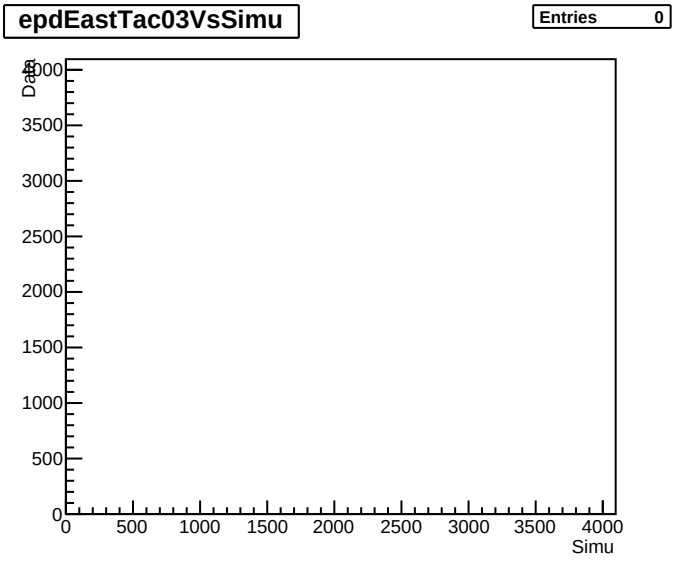
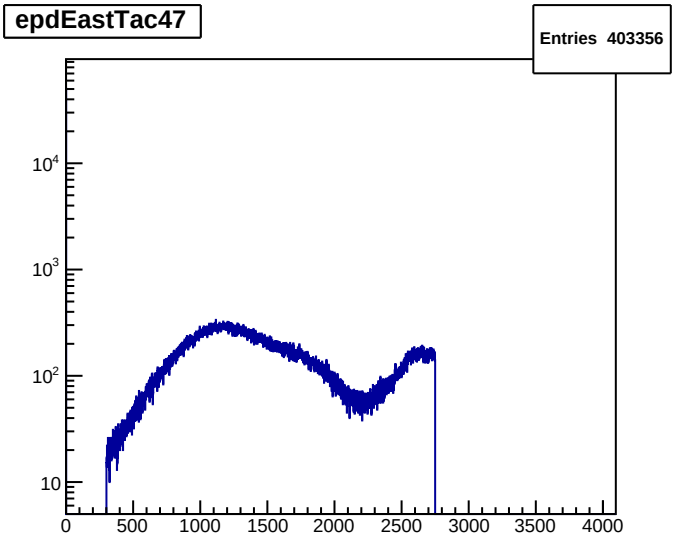
Entries 0
Data-Simu
DSM Input Channel

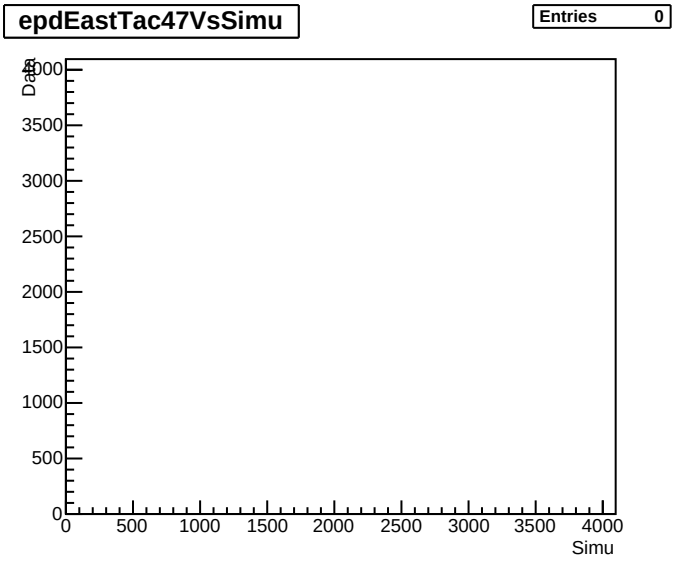

epdWestTHits
Entries 3226848
Truncated NHits
DSMInput Channel

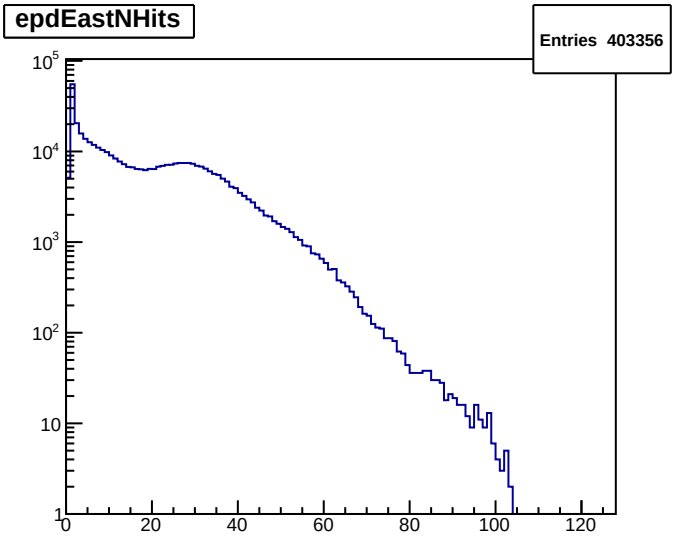

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

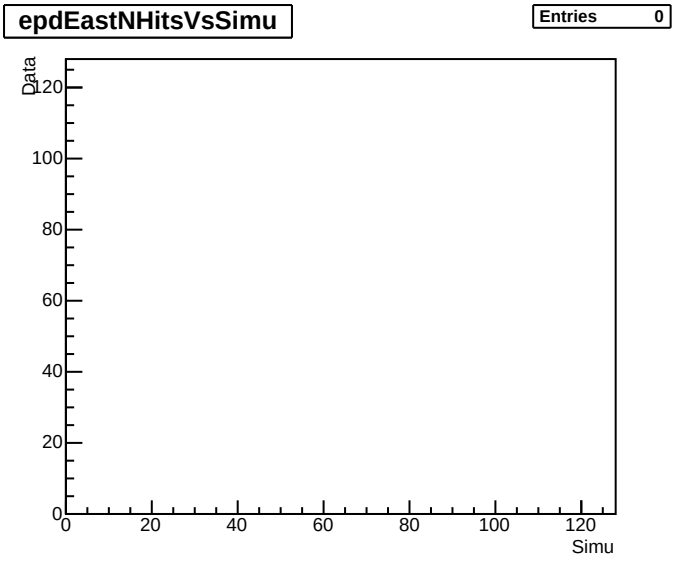

epdEastTac03
Entries 403356


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 403356


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 403356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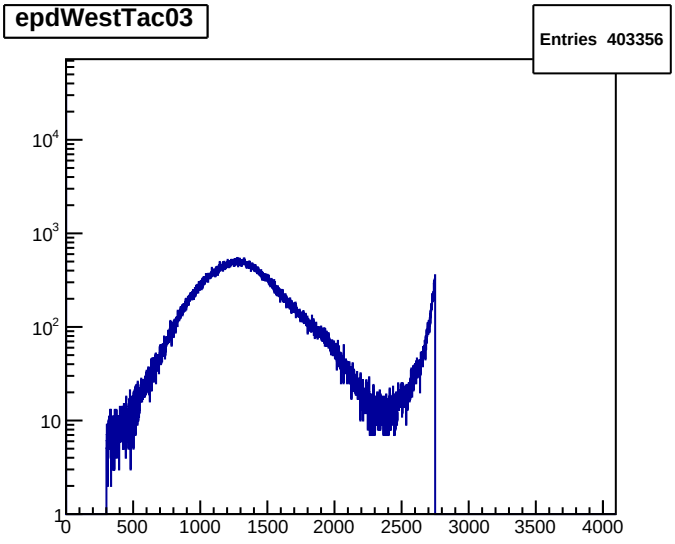
Entries 0
Data
Simu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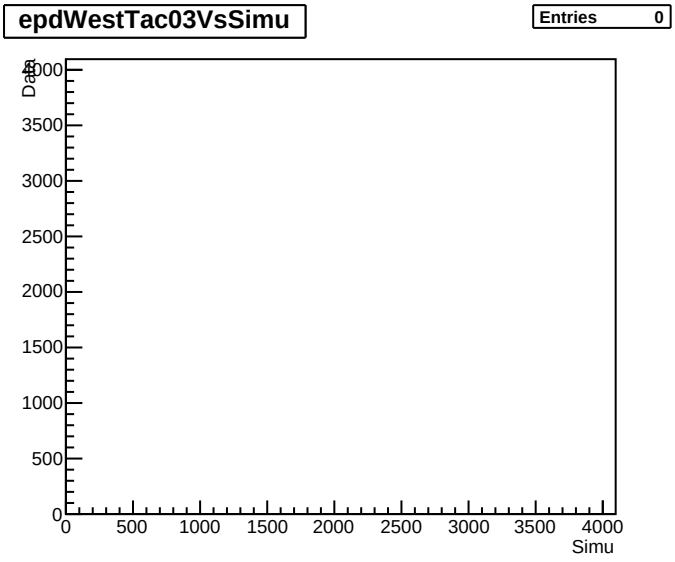
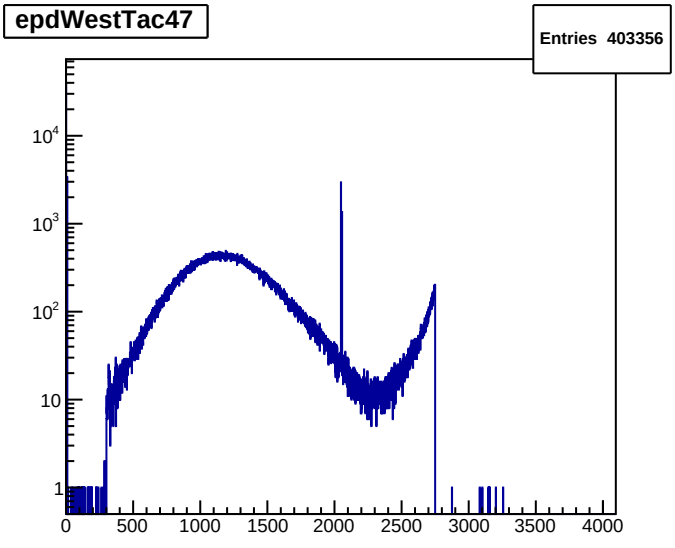
Entries 403356


epdWestTac03VsSimu
Entries 0
Data
Simu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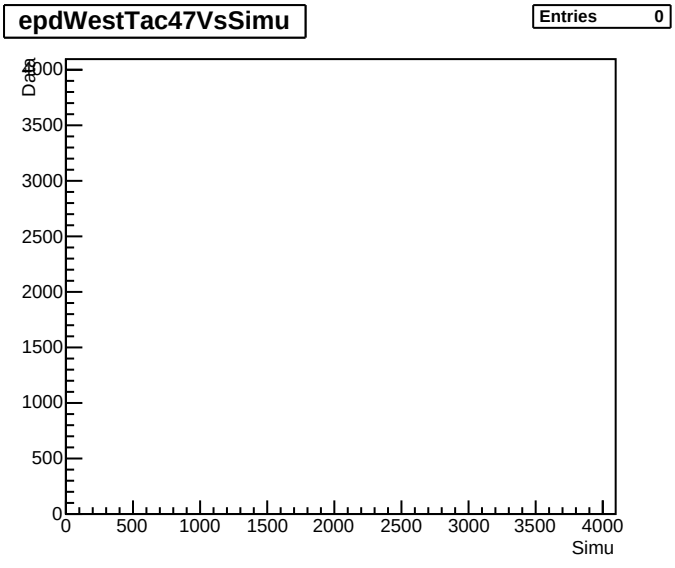
Entries 403356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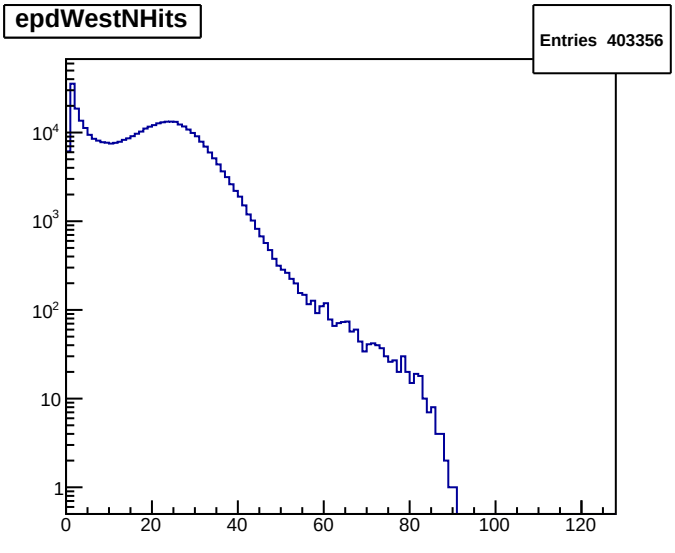
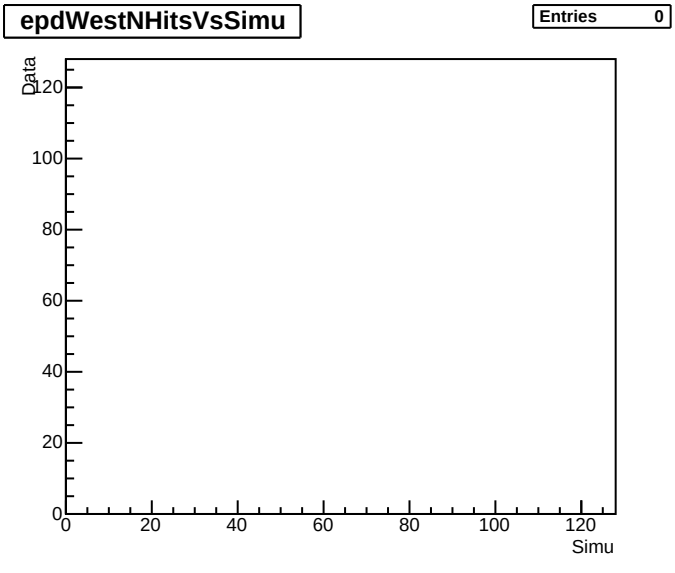
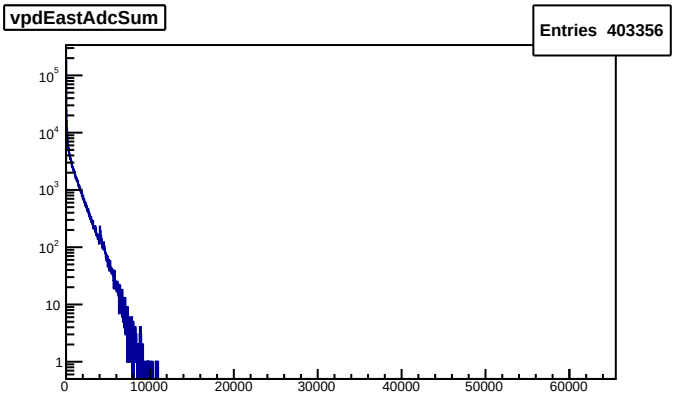
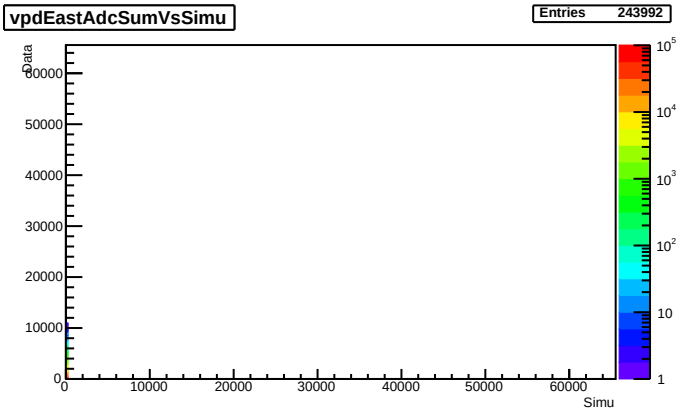
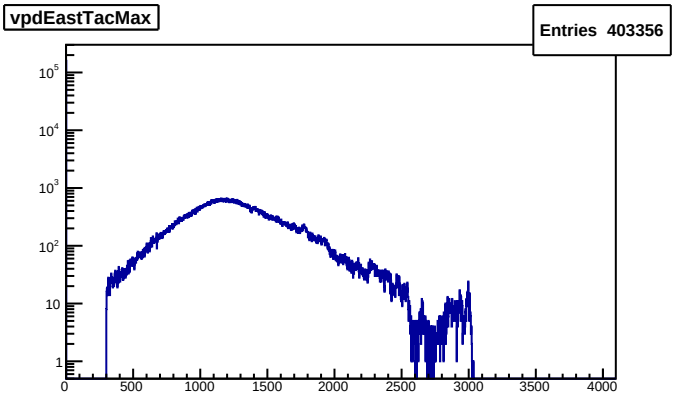
Entries 0
Data
Simu

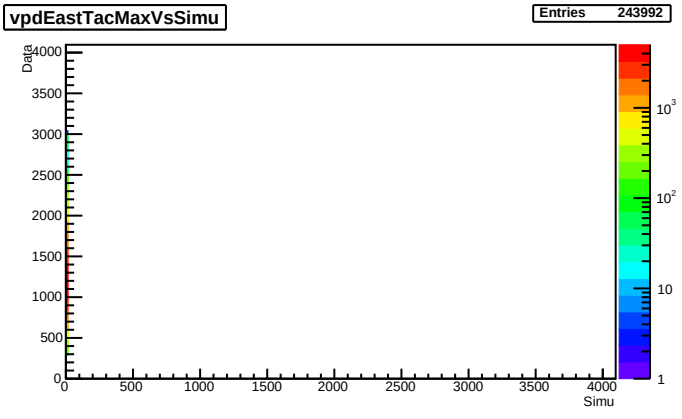

epdWestNHits
Entries 403356

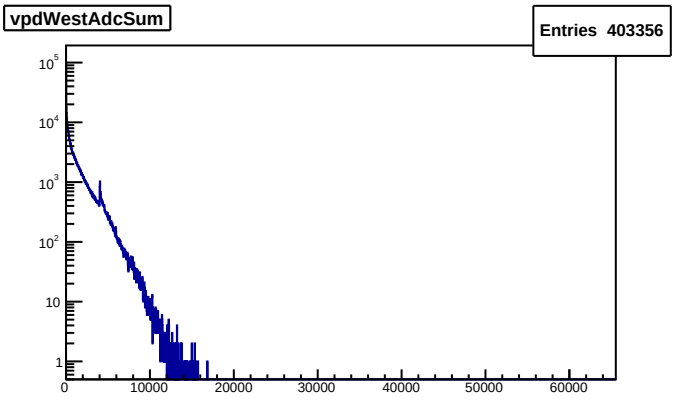

epdWestNHitsVsSimu
Entries 0
Data
Simu

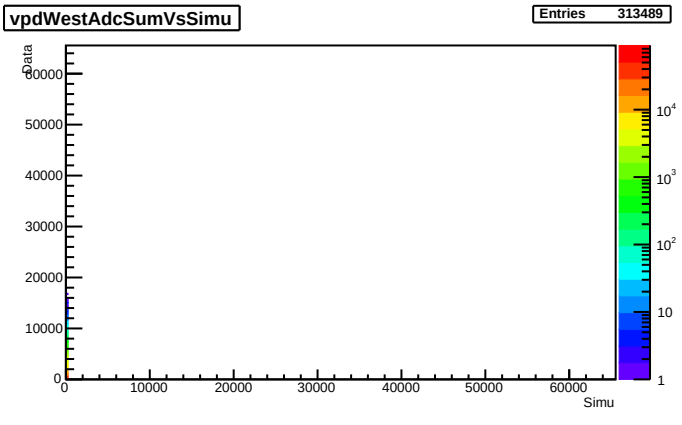

vpdEastAdcSum
Entries 403356

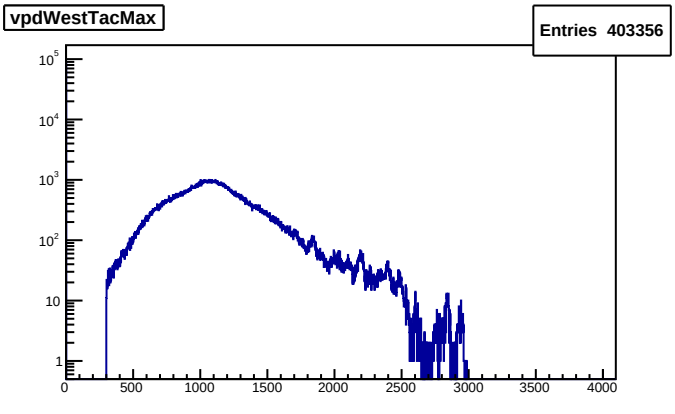

vpdEastAdcSumVsSimu
Entries 243992
Data
Simu

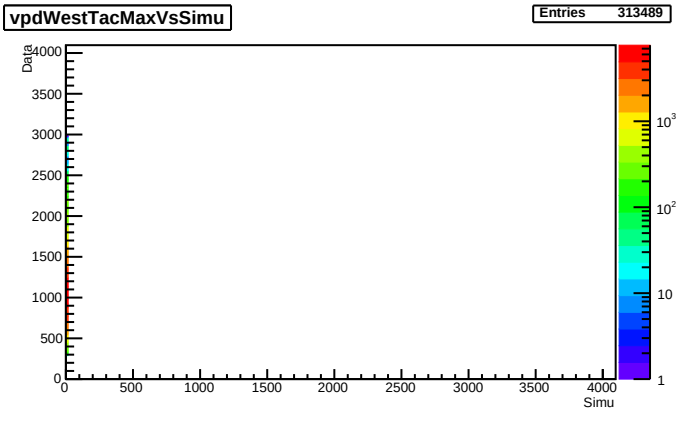

vpdEastTacMax
Entries 403356

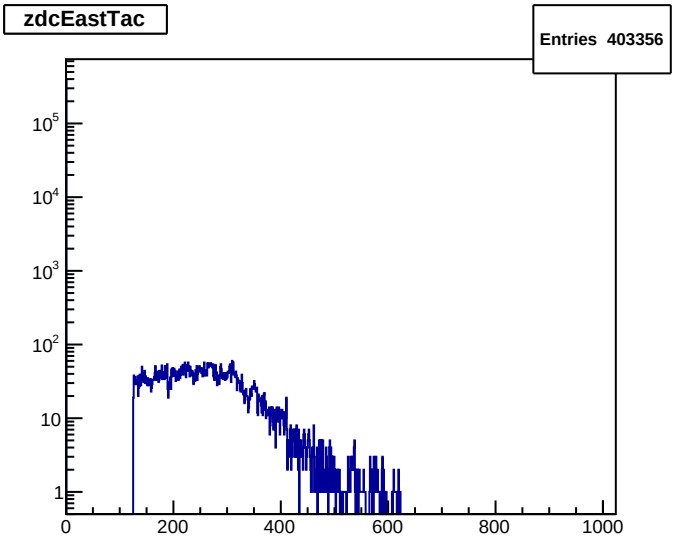

vpdEastTacMaxVsSimu
Entries 243992
Data
Simu

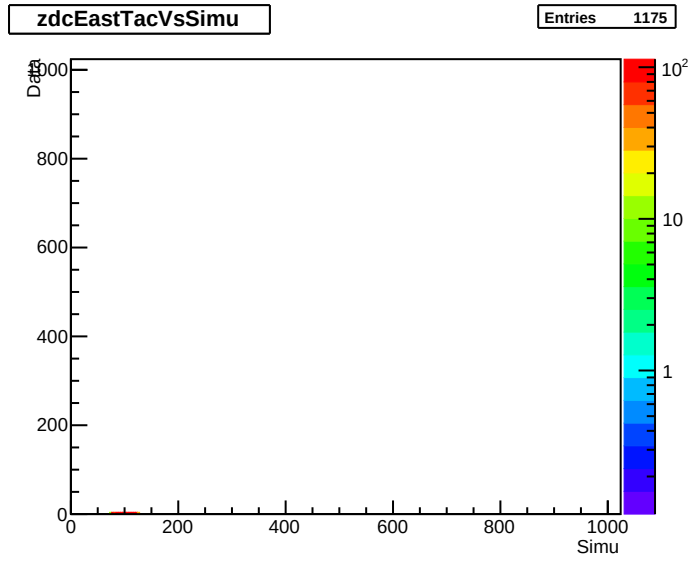

vpdWestAdcSum
Entries 403356

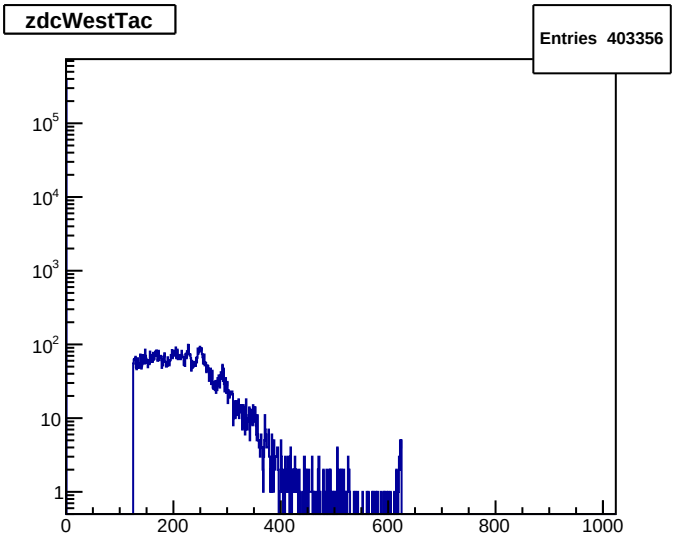

vpdWestAdcSumVsSimu
Entries 313489
Data
Simu

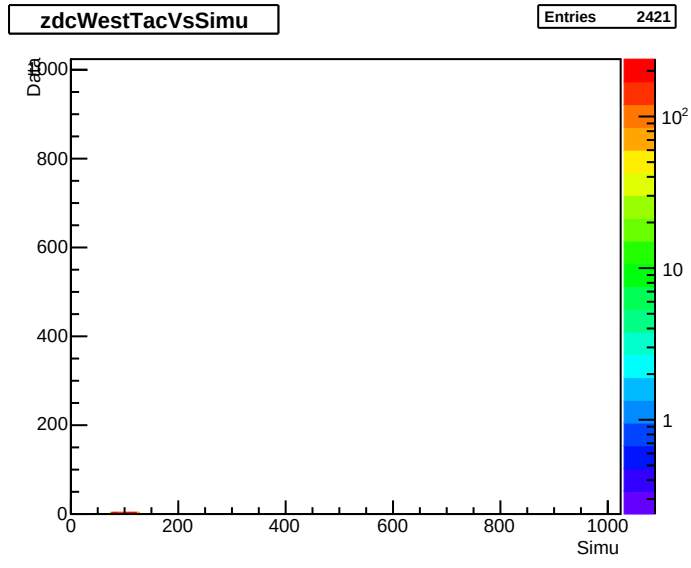

vpdWestTacMax
Entries 403356

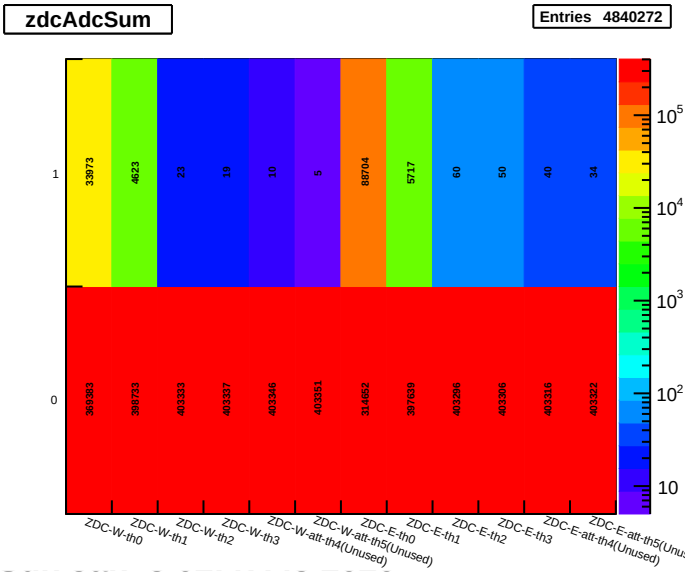

vpdWestTacMaxVsSimu
Entries 313489
Data
Simu

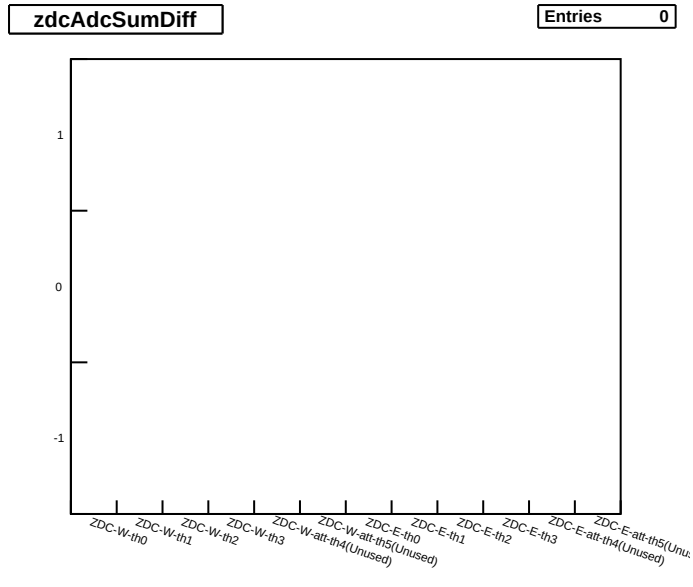

zdcEastTac
Entries 403356

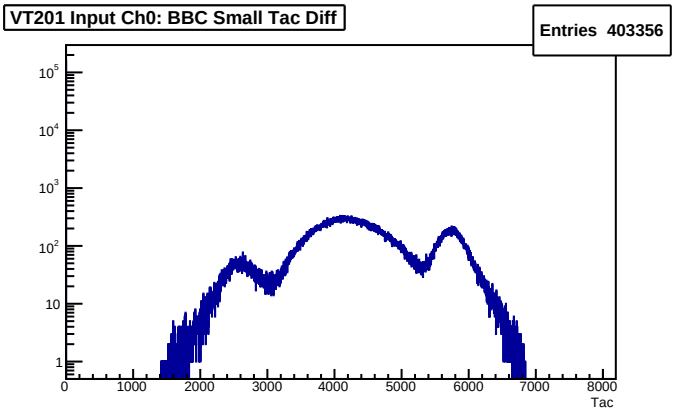

zdcEastTacVsSimu
Entries 1175
Data
Simu

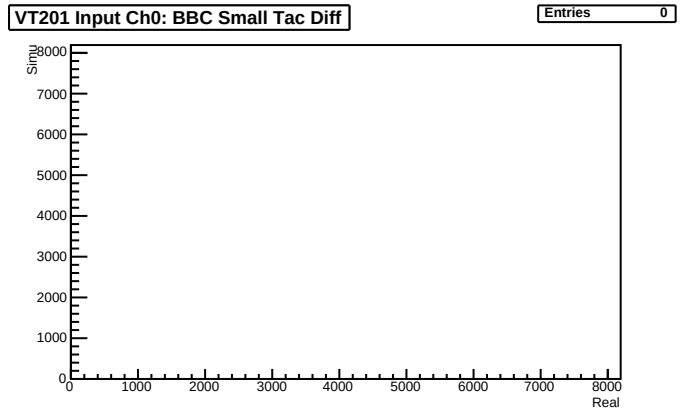

zdcWestTac
Entries 403356

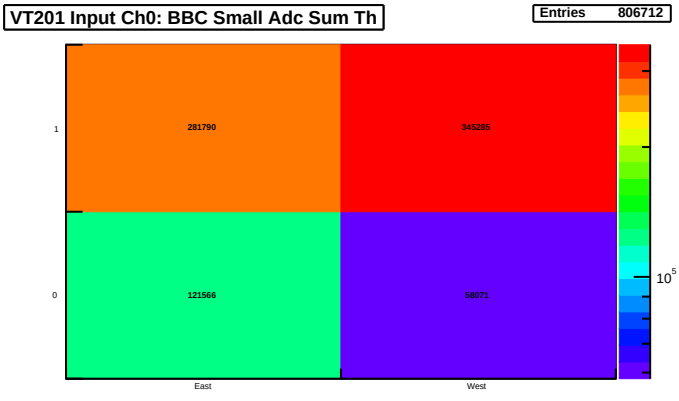

zdcWestTacVsSimu
Entries 2421
Data
Simu

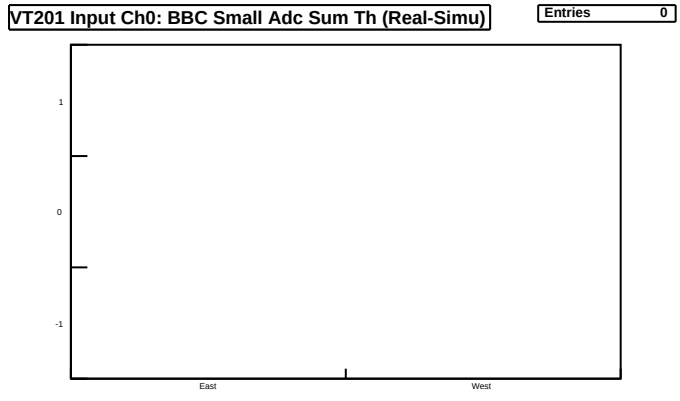

zdcAdcSum
Entries 4840272
33973
4623
23
19
10
5
88704
5717
60
50
40
34
369383
398733
403333
403337
403346
403351
314652
397639
403296
403306
403316
403322
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

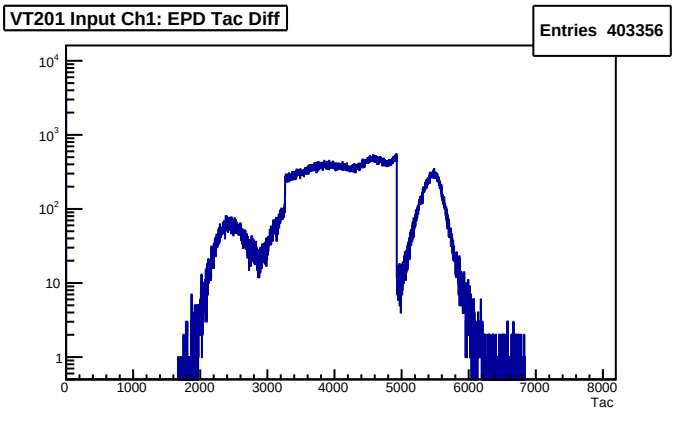

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

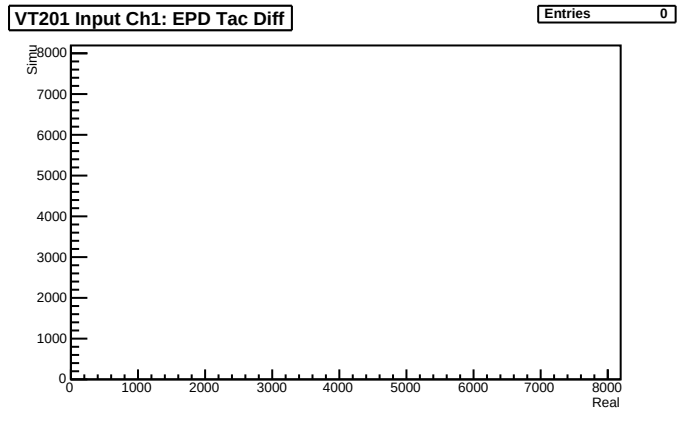

VT201 Input Ch0: BBC Small Tac Diff
Entries 403356
Tac

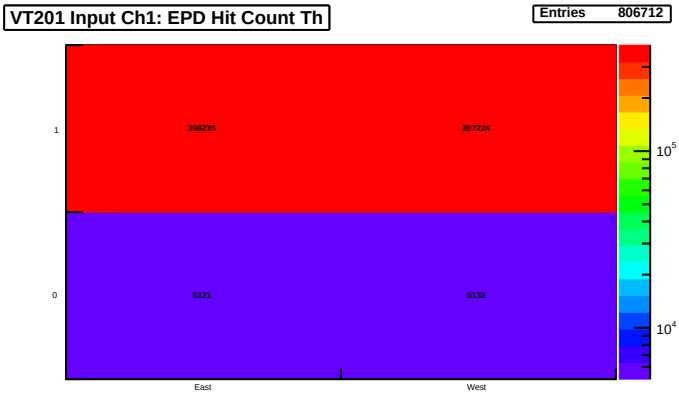

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

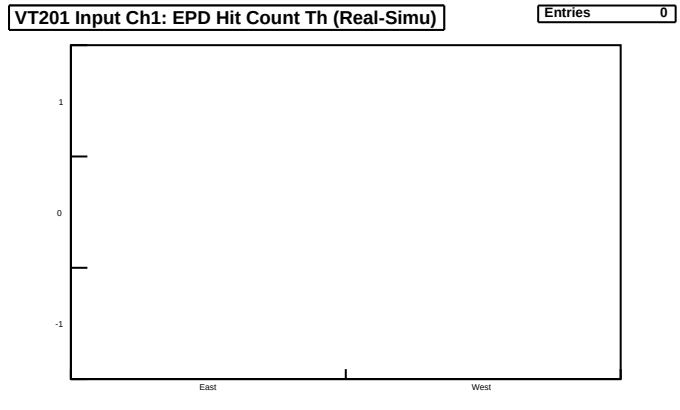

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 806712
281790
345285
121566
58071
East
West

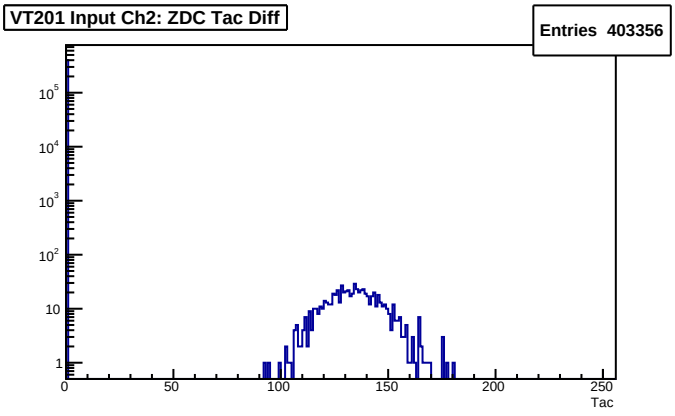

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

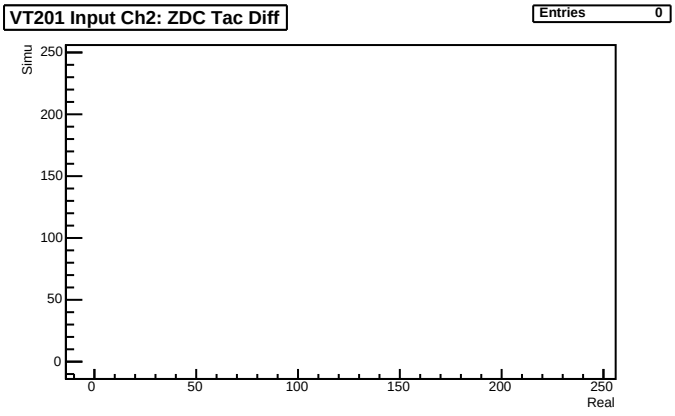

VT201 Input Ch1: EPD Tac Diff
Entries 403356
Tac

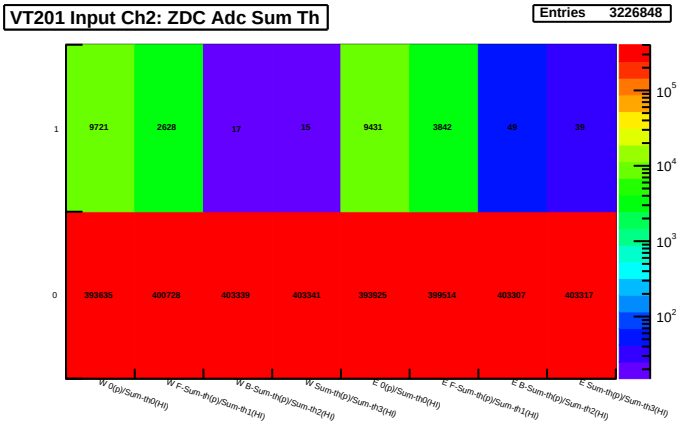

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

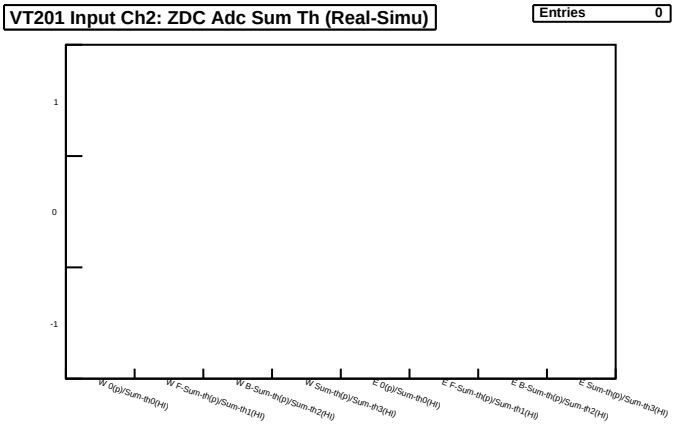

VT201 Input Ch1: EPD Hit Count Th
Entries 806712
398235
397224
5121
6132
East
West

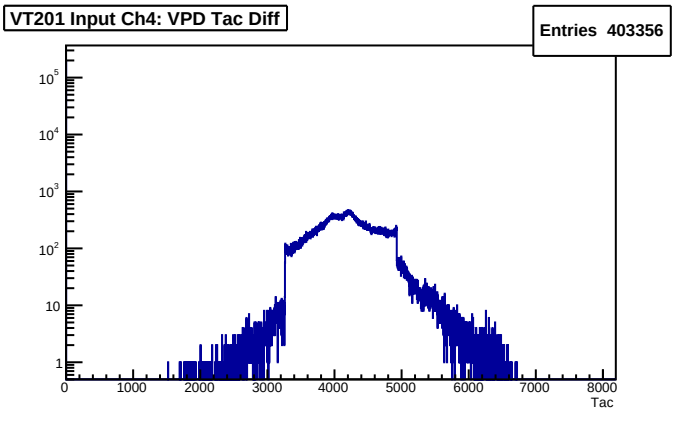

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

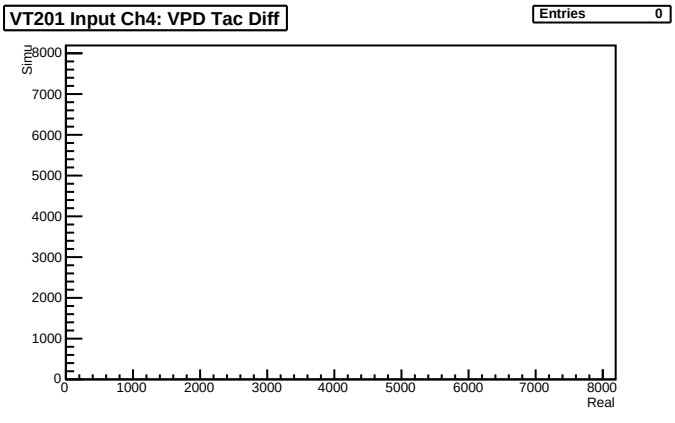

VT201 Input Ch2: ZDC Tac Diff
Entries 403356
Tac

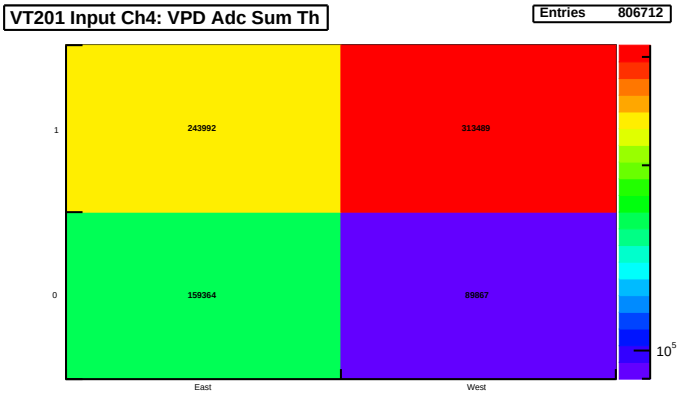

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

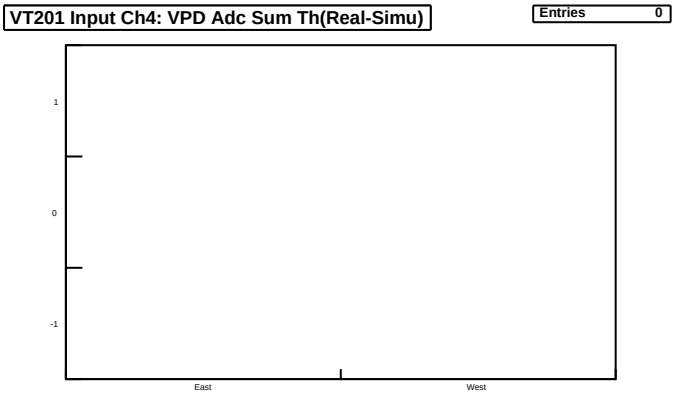

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3226848
9721
2628
17
15
9431
3842
49
39
393635
400728
403339
403341
393925
399514
403307
403317
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

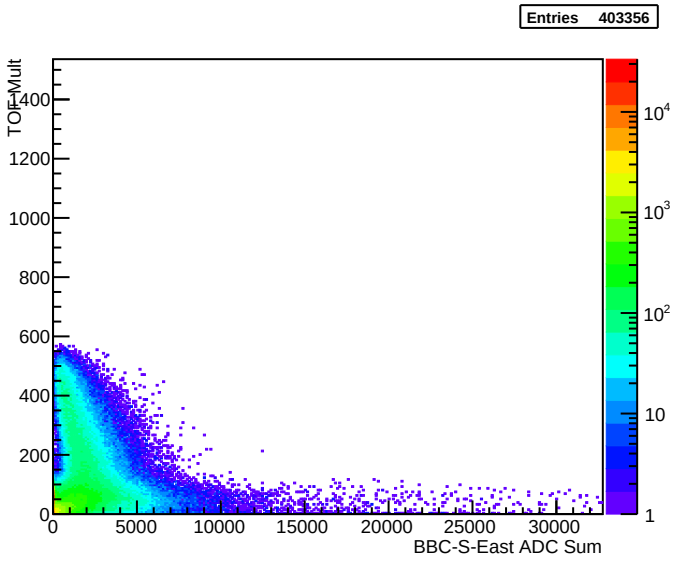

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

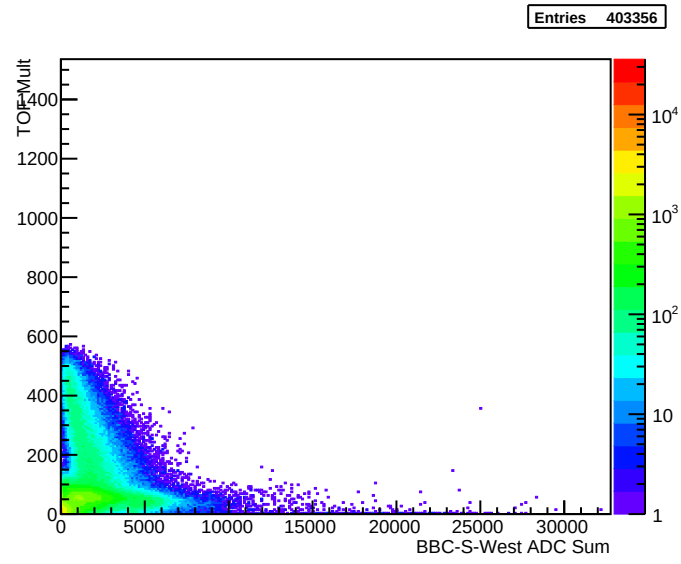

VT201 Input Ch4: VPD Tac Diff
Entries 403356
Tac

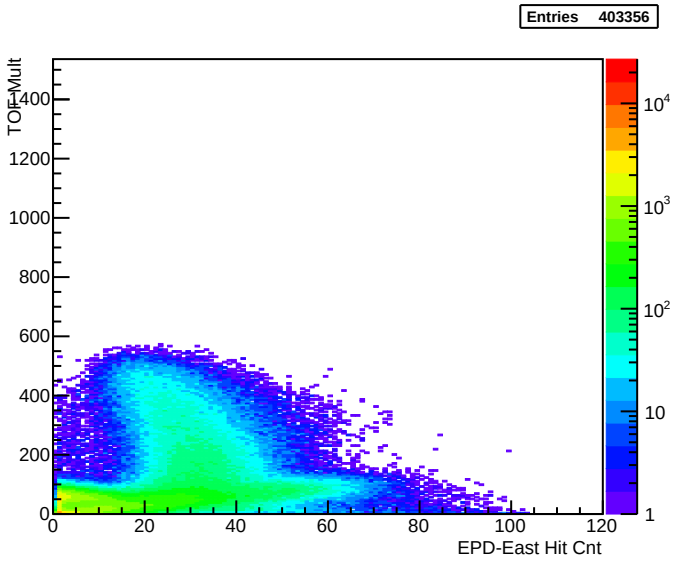

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

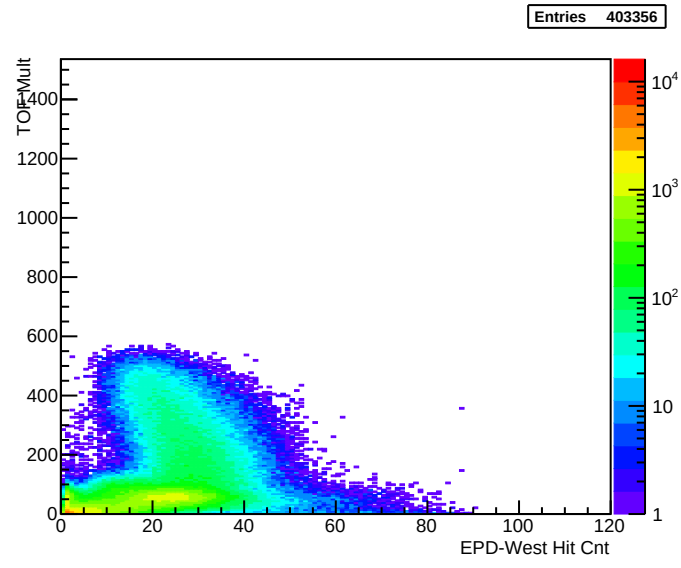

VT201 Input Ch4: VPD Adc Sum Th
Entries 806712
243992
313489
159364
89867
East
West

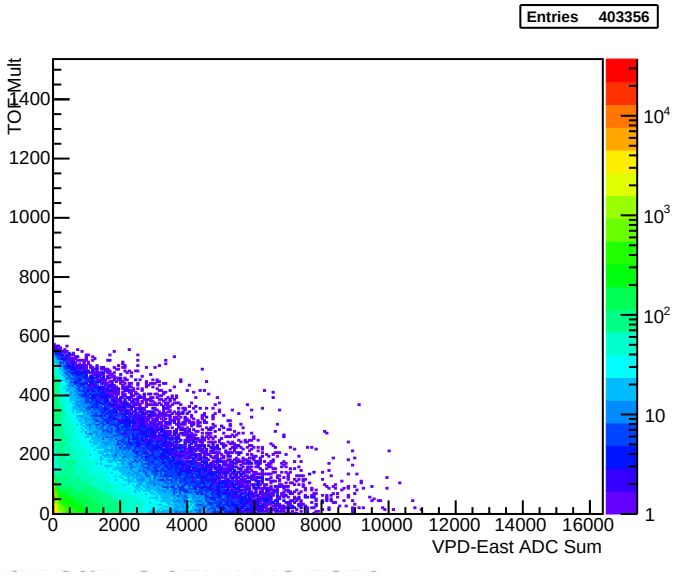

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

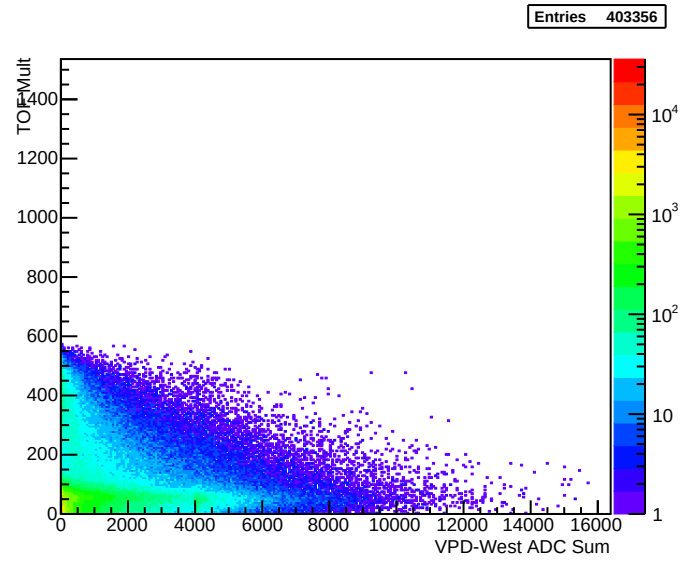

Entries 403356
TOF-Mult
BBC-S-East ADC Sum

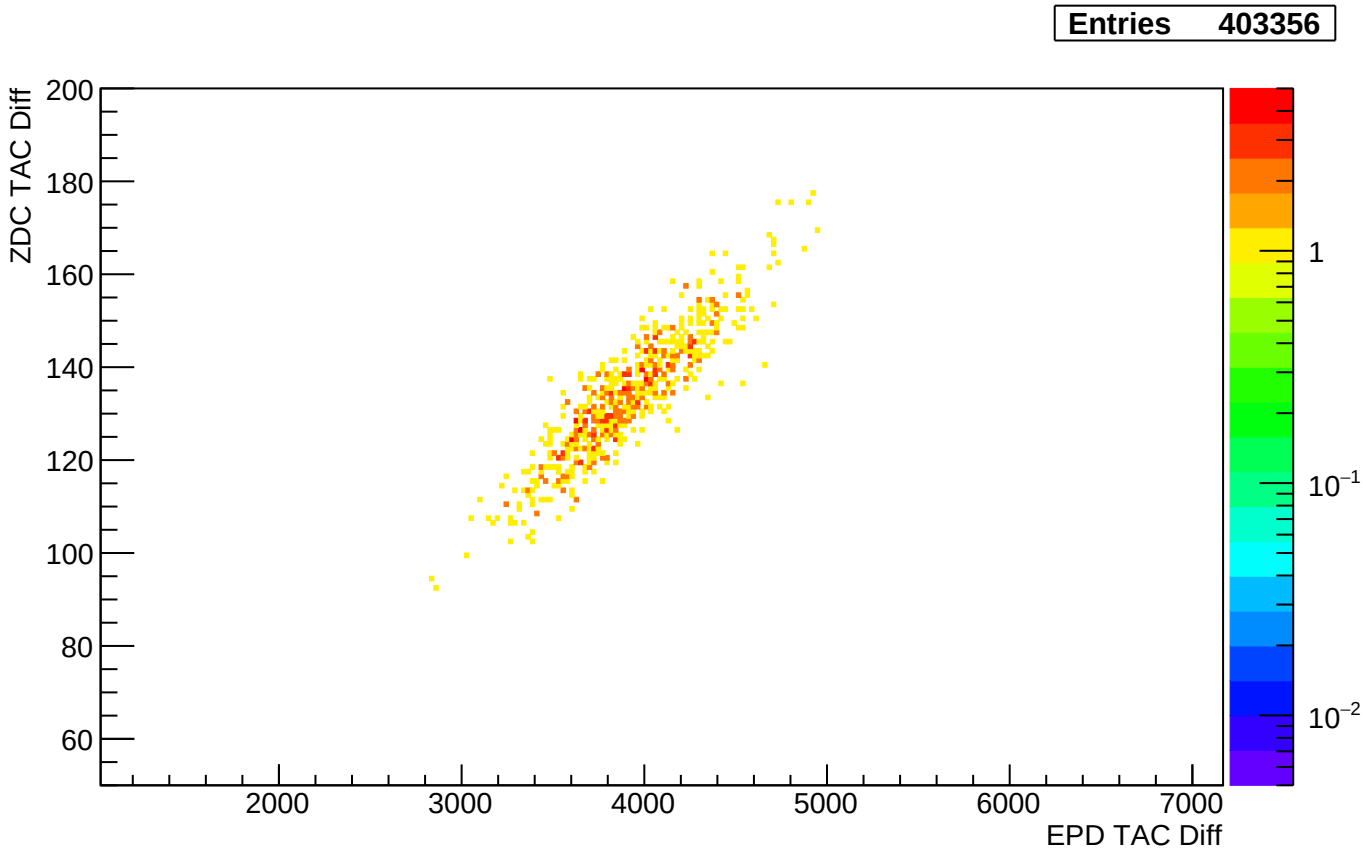

Entries 403356
TOF-Mult
BBC-S-West ADC Sum

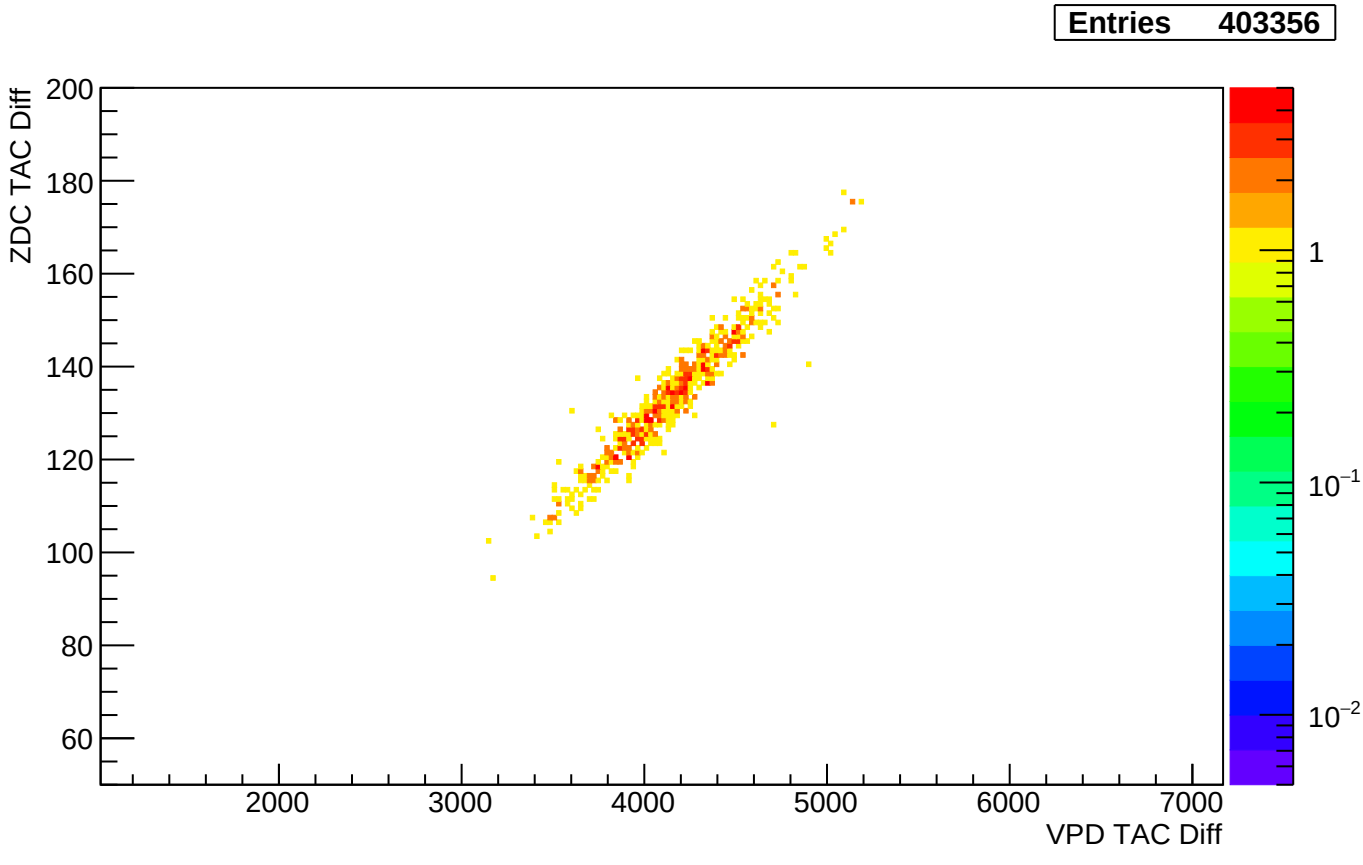

Entries 403356
TOF-Mult
EPD-East Hit Cnt

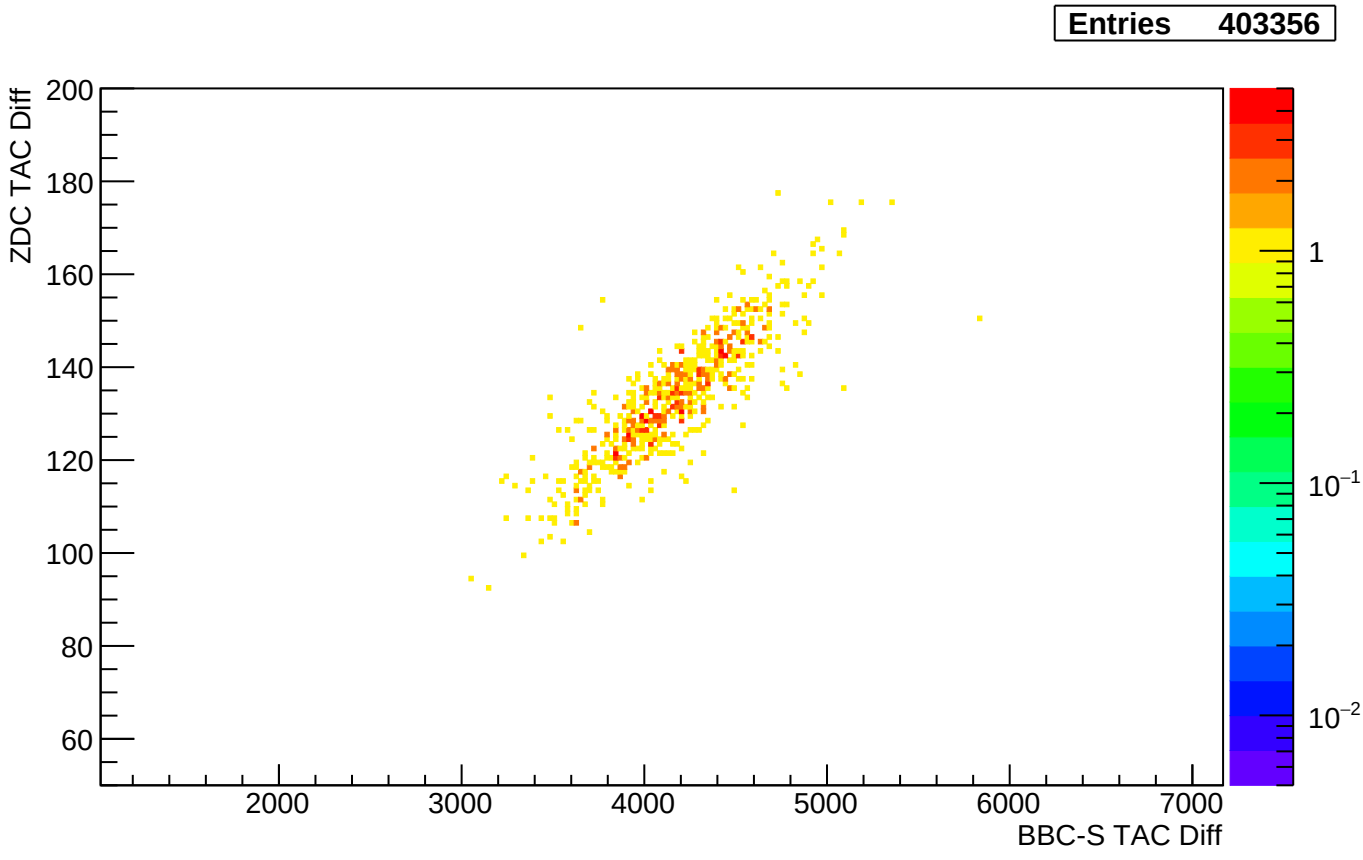

Entries 403356
TOF-Mult
EPD-West Hit Cnt

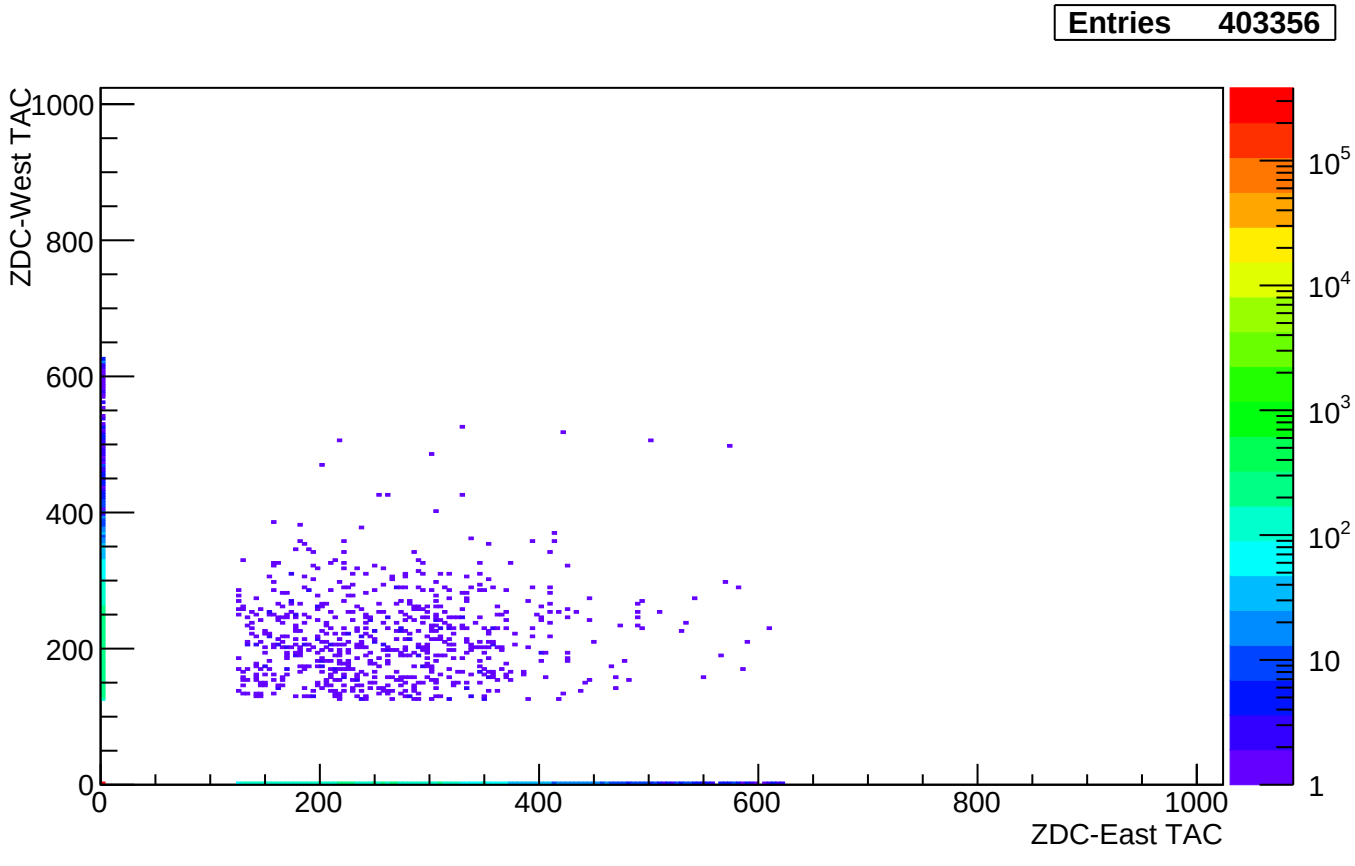

Entries 403356
TOF-Mult
VPD-East ADC Sum

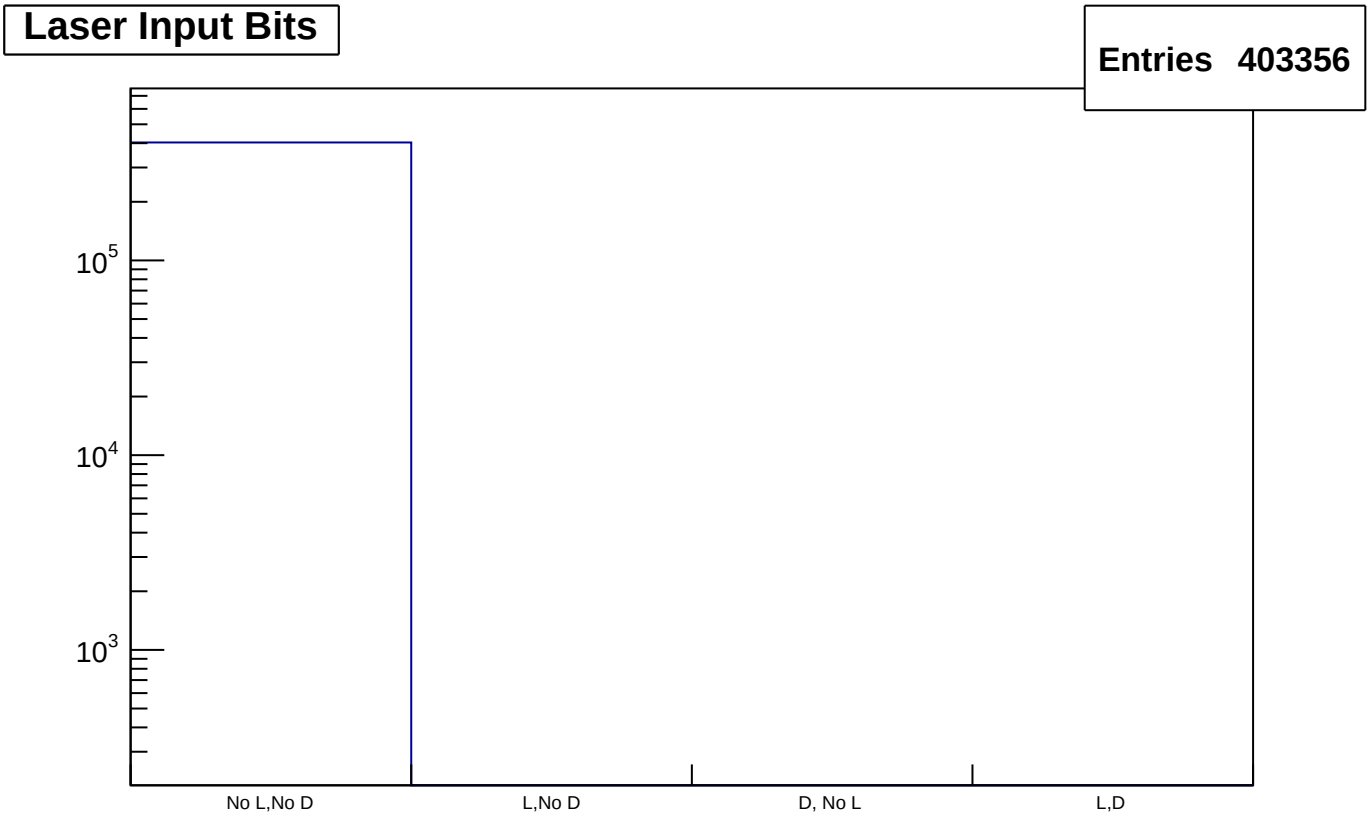

Entries 403356
TOF-Mult
VPD-West ADC Sum

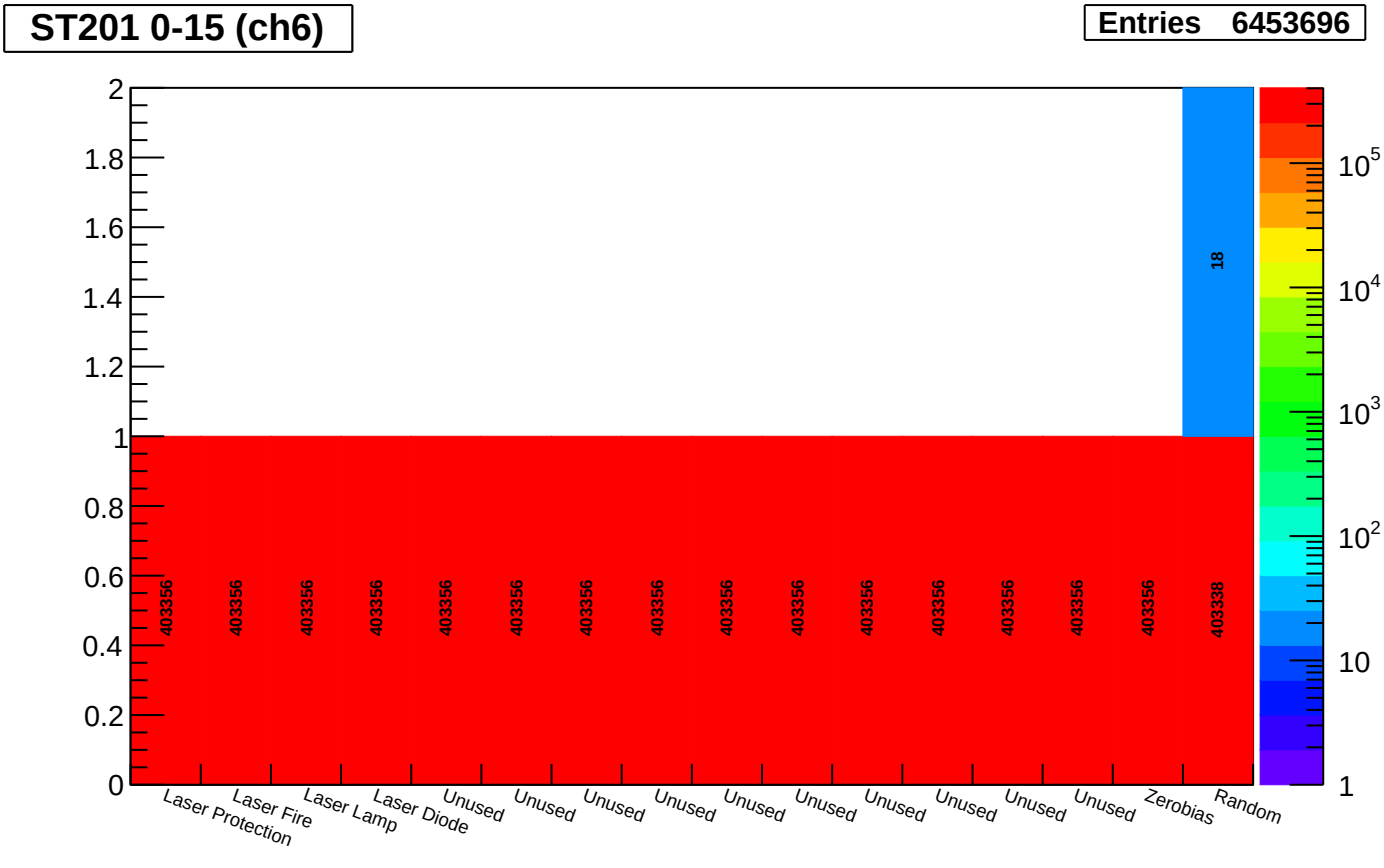

Entries 403356
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

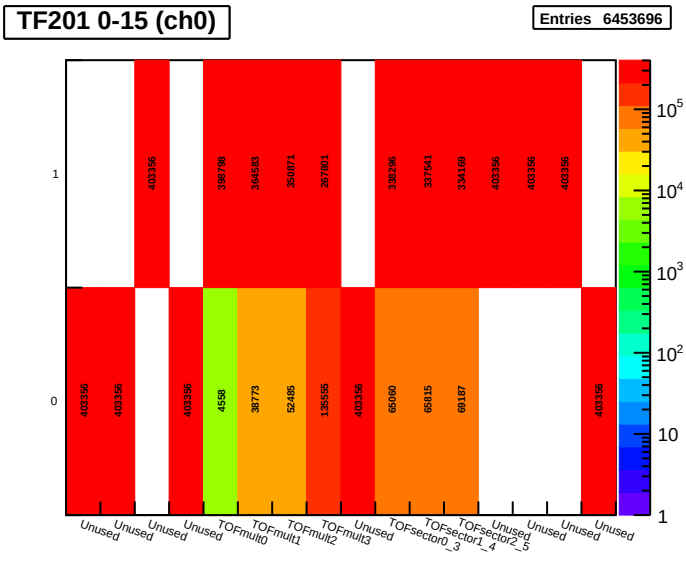

Entries 403356
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

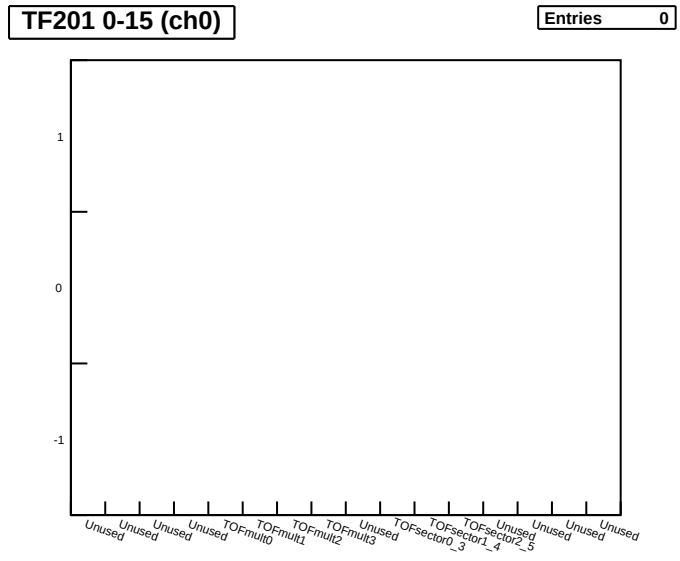

Entries 403356
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

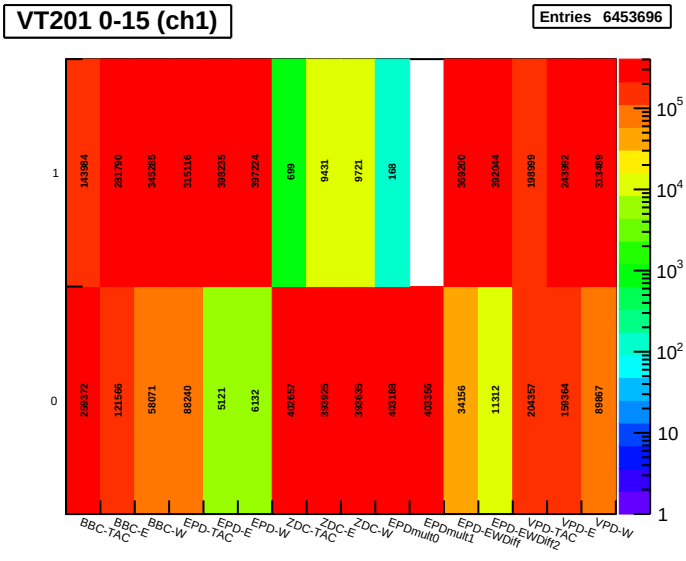

Entries 403356
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

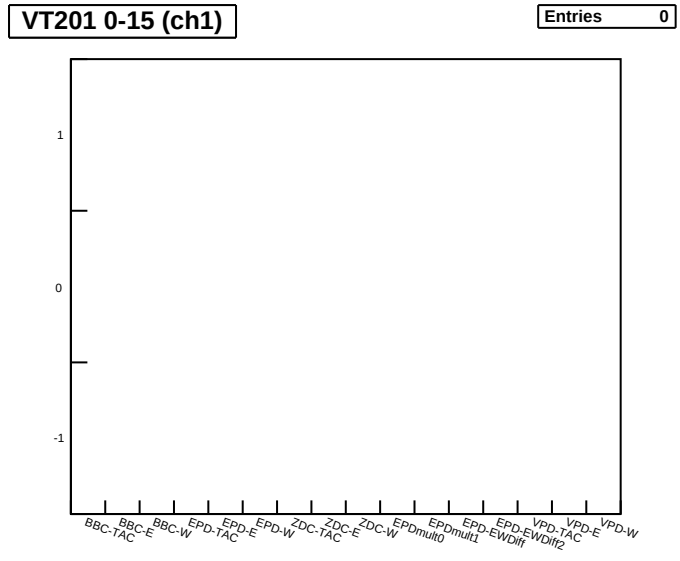

Laser Input Bits
Entries 403356
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

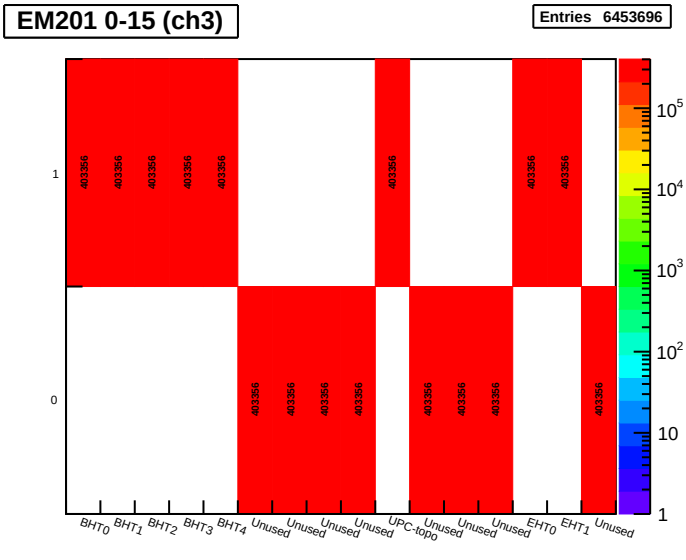

ST201 0-15 (ch6)
Entries 6453696
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
403356
403338
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

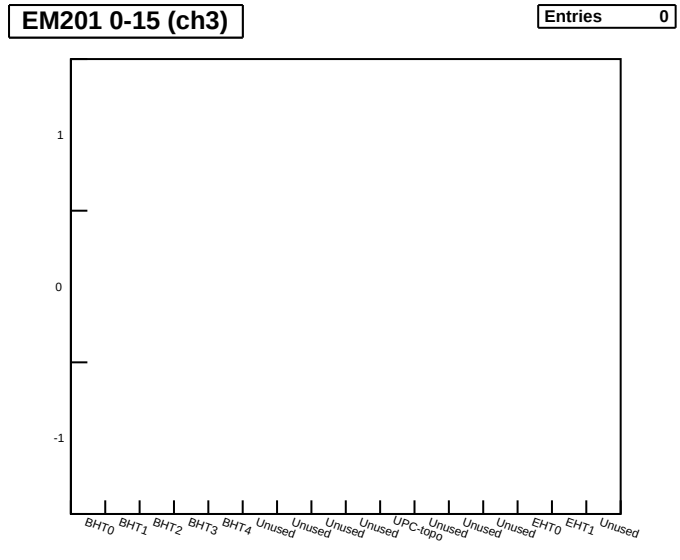

TF201 0-15 (ch0)
Entries 6453696
1
0
403356
398798
364583
350871
297601
338296
337541
334169
403356
403356
403356
403356
403356
403356
4558
38773
52485
135555
403356
65060
65815
69187
403356
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 6453696
1
0
143984
281790
345285
315116
398235
397224
699
9431
9721
168
369200
392044
199999
243992
313489
259372
121566
58071
88240
5121
6132
402657
393925
393635
403188
403356
34156
11312
204357
159364
89867
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 6453696
1
0
403356
403356
403356
403356
403356
403356
403356
403356
403356
403356
403356
403356
403356
403356
403356
403356
403356
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