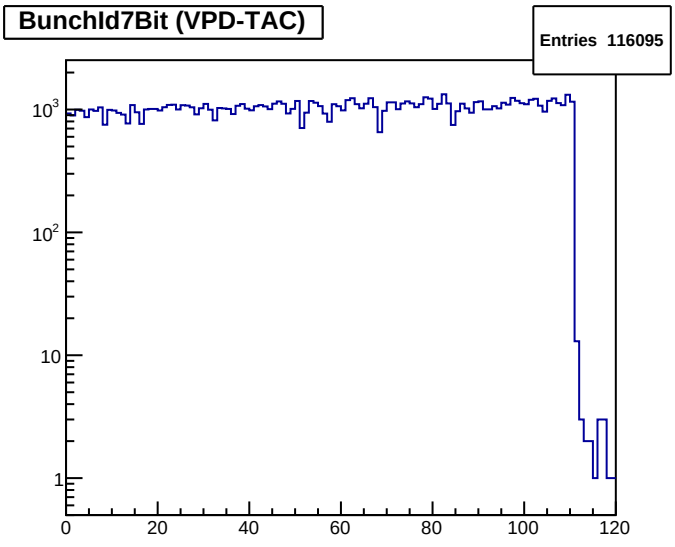
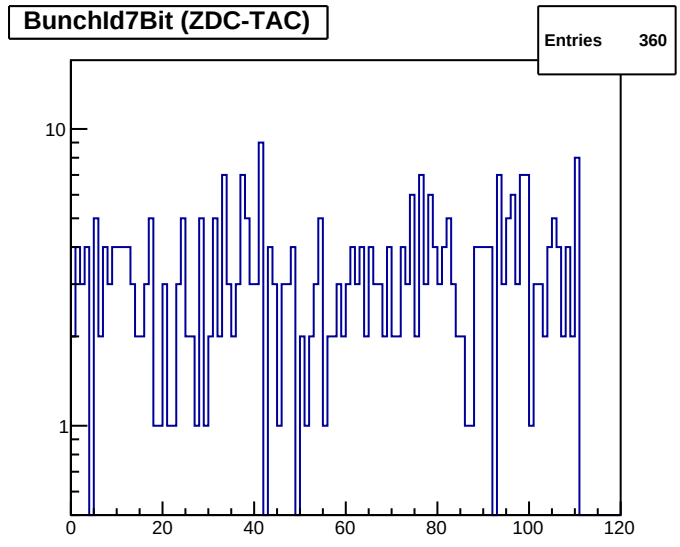
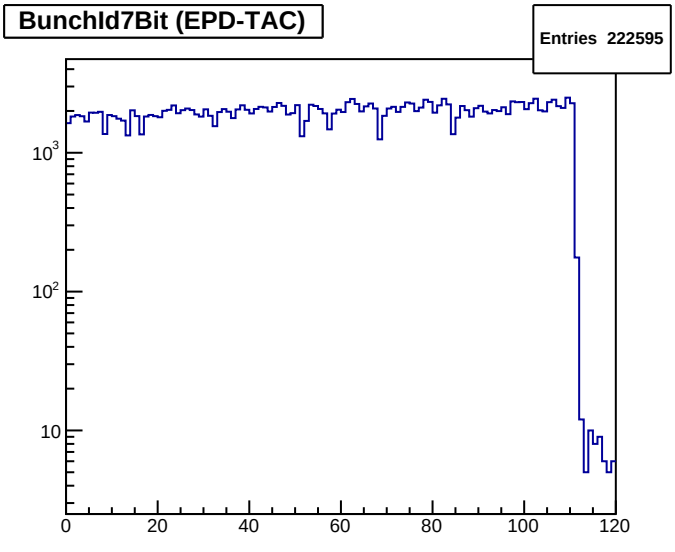
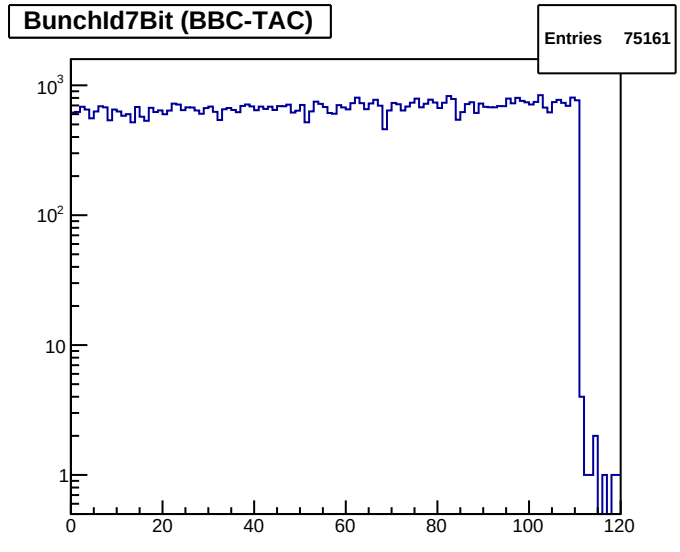
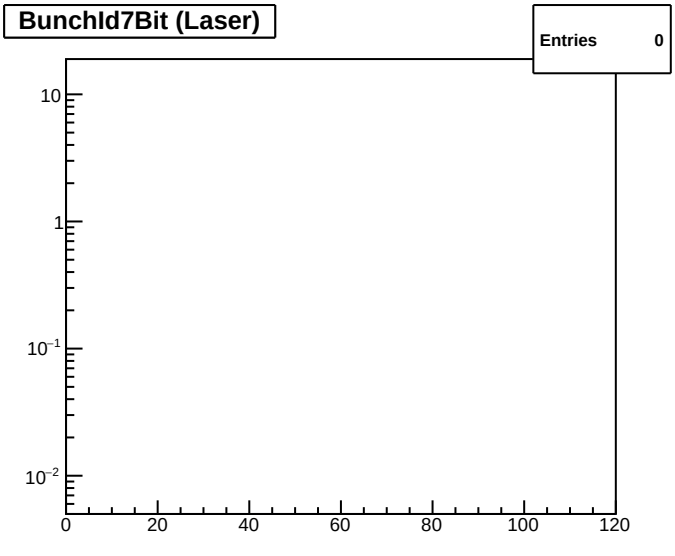
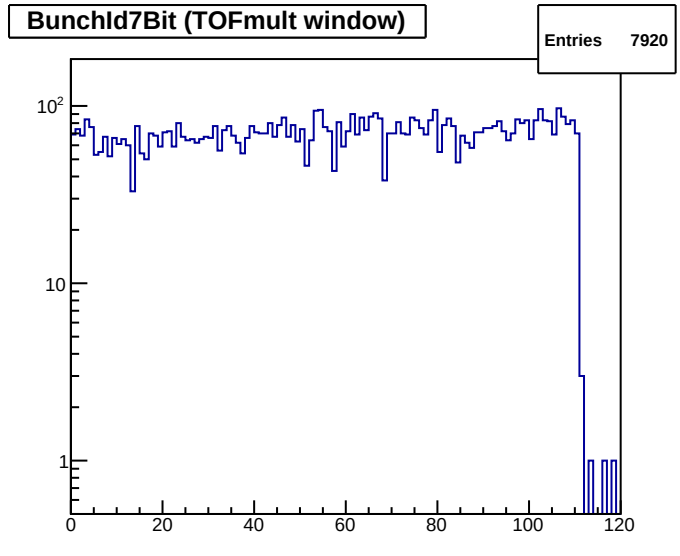

BunchId7Bit (VPD-TAC)
Entries 116095

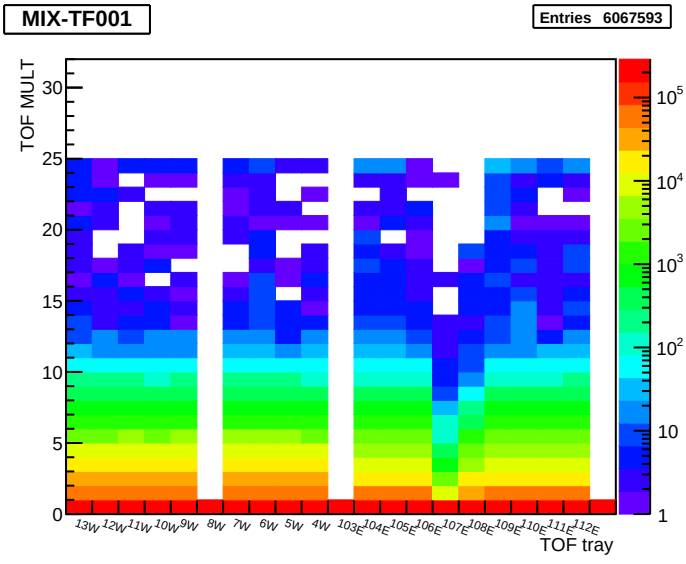

BunchId7Bit (ZDC-TAC)
Entries 360

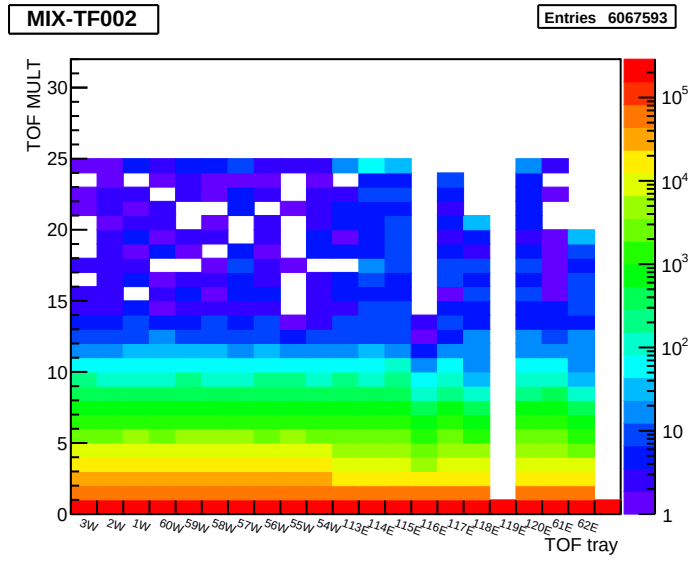

BunchId7Bit (EPD-TAC)
Entries 222595

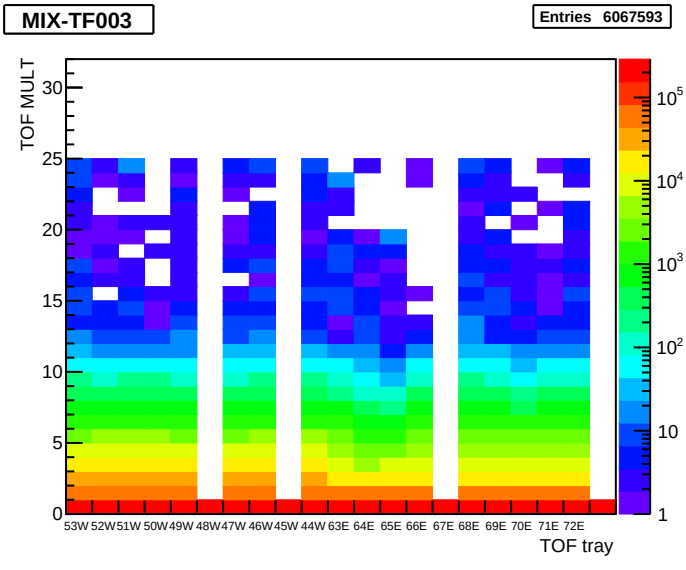

BunchId7Bit (BBC-TAC)
Entries 75161

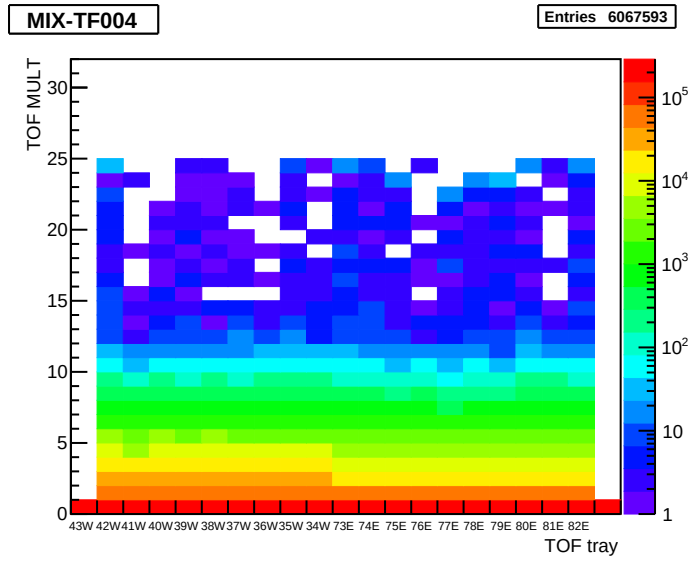

BunchId7Bit (Laser)
Entries 0

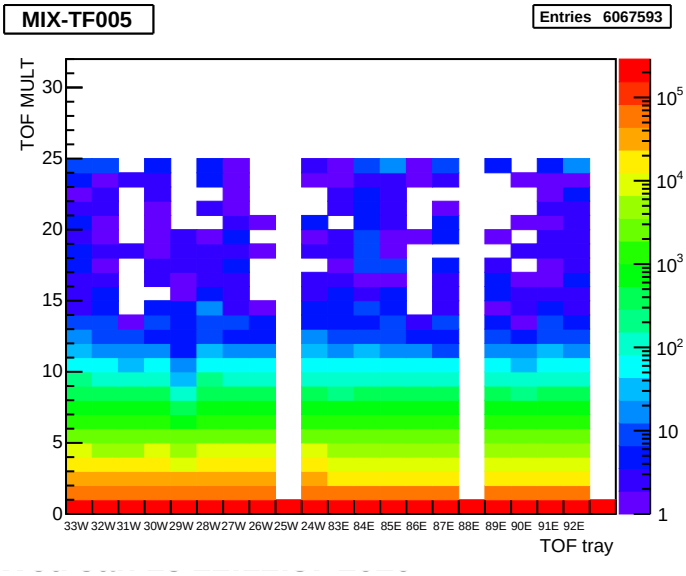

BunchId7Bit (TOFmult window)
Entries 7920

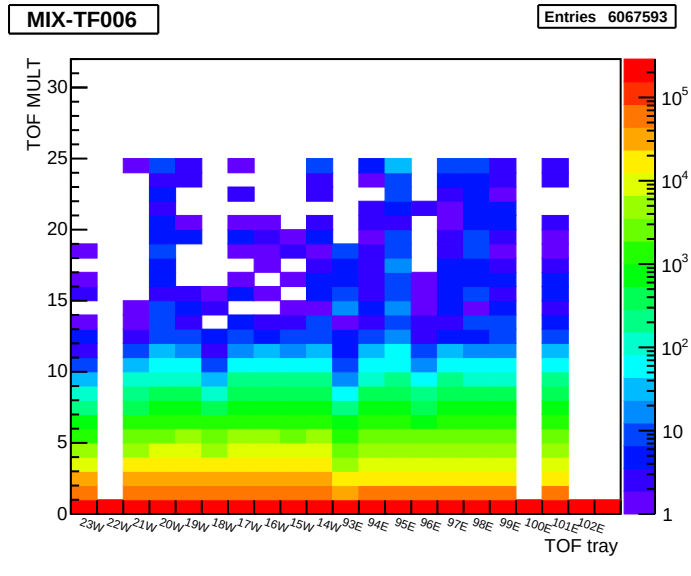

MIX-TF001
Entries 6067593
TOF MULT
TOF tray

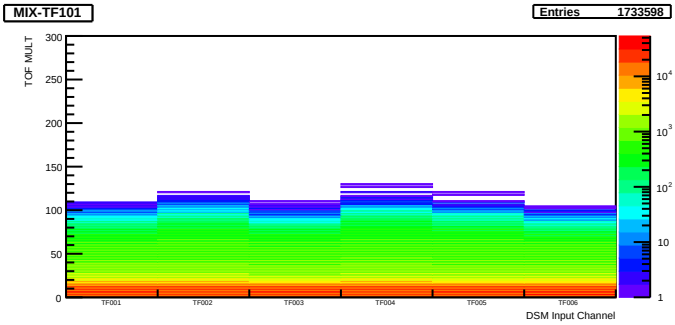

MIX-TF002
Entries 6067593
TOF MULT
TOF tray

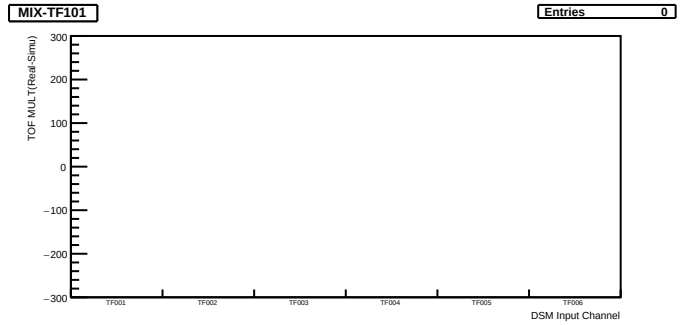

MIX-TF003
Entries 6067593
TOF MULT
TOF tray

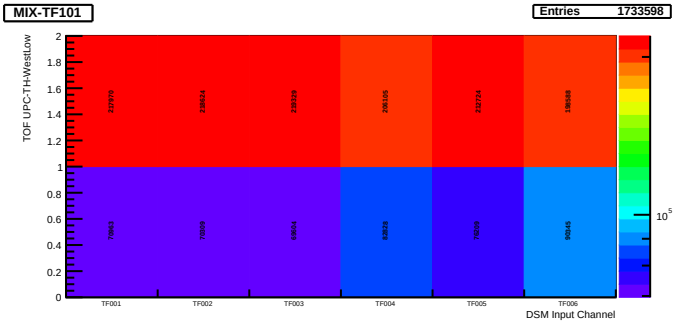

MIX-TF004
Entries 6067593
TOF MULT
TOF tray

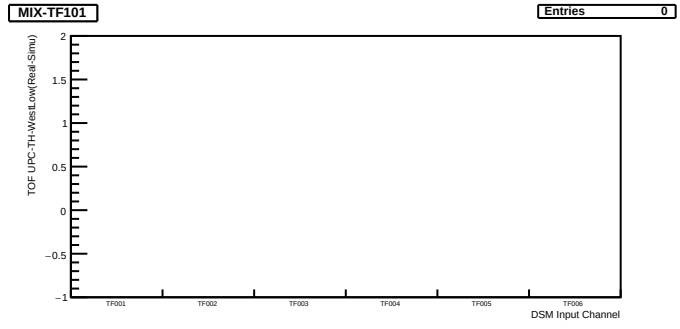

MIX-TF005
Entries 6067593
TOF MULT
TOF tray

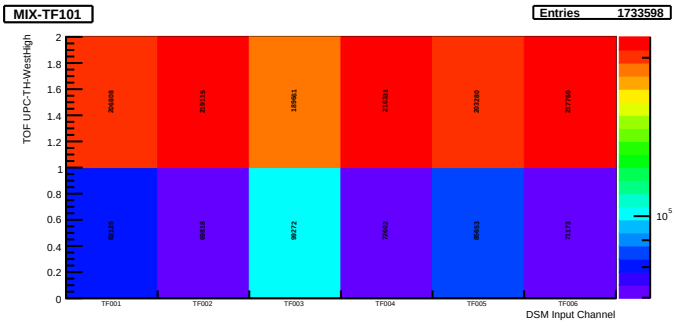

MIX-TF006
Entries 6067593
TOF MULT
TOF tray

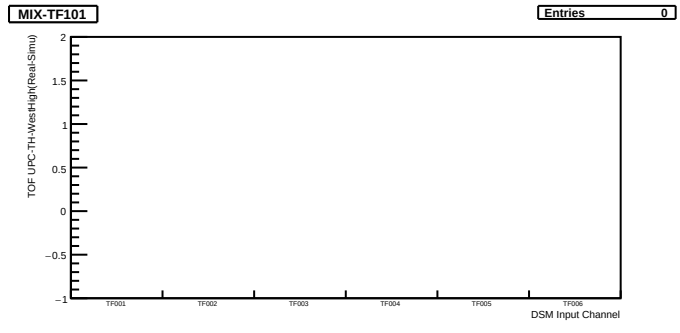

MIX-TF101
Entries 1733598
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

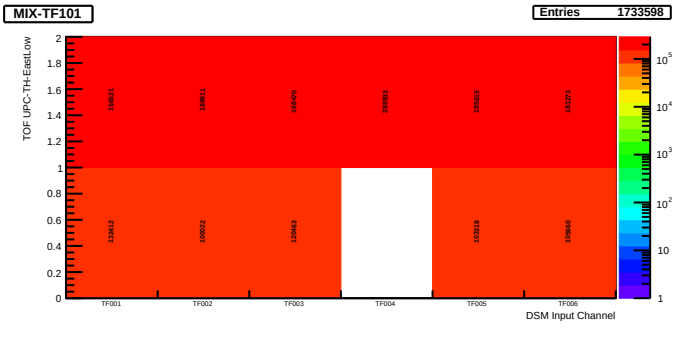

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

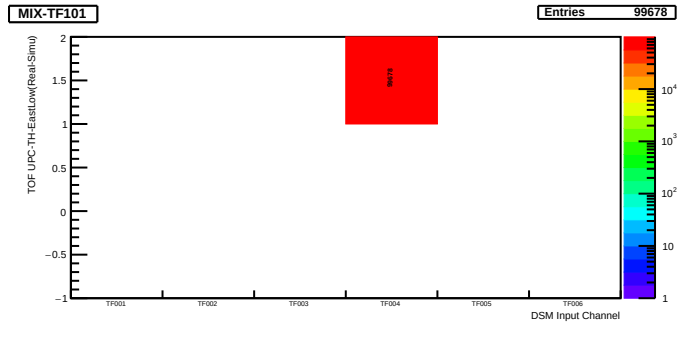

MIX-TF101
Entries 1733598
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

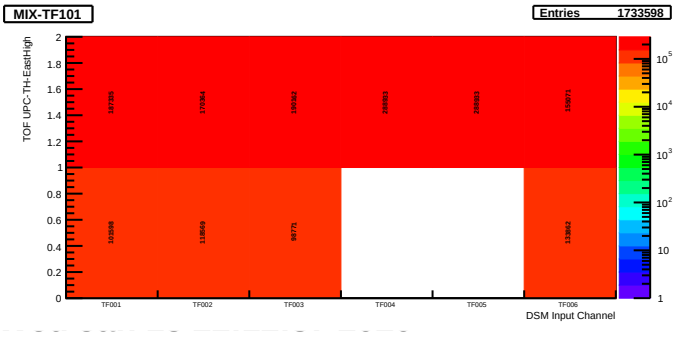

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

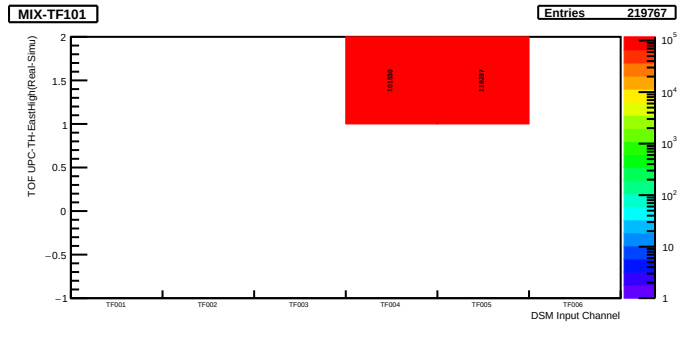

MIX-TF101
Entries 1733598
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

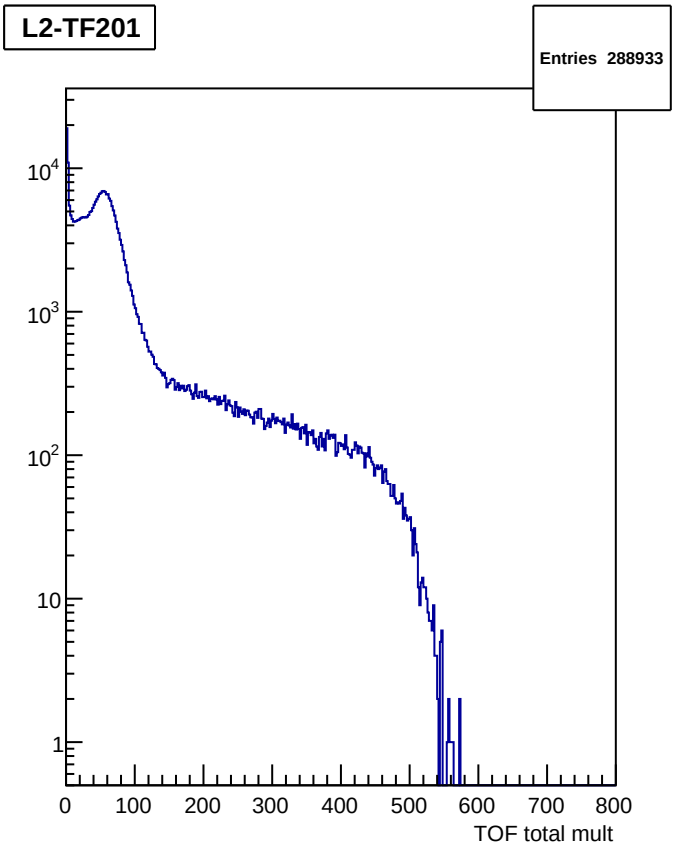

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

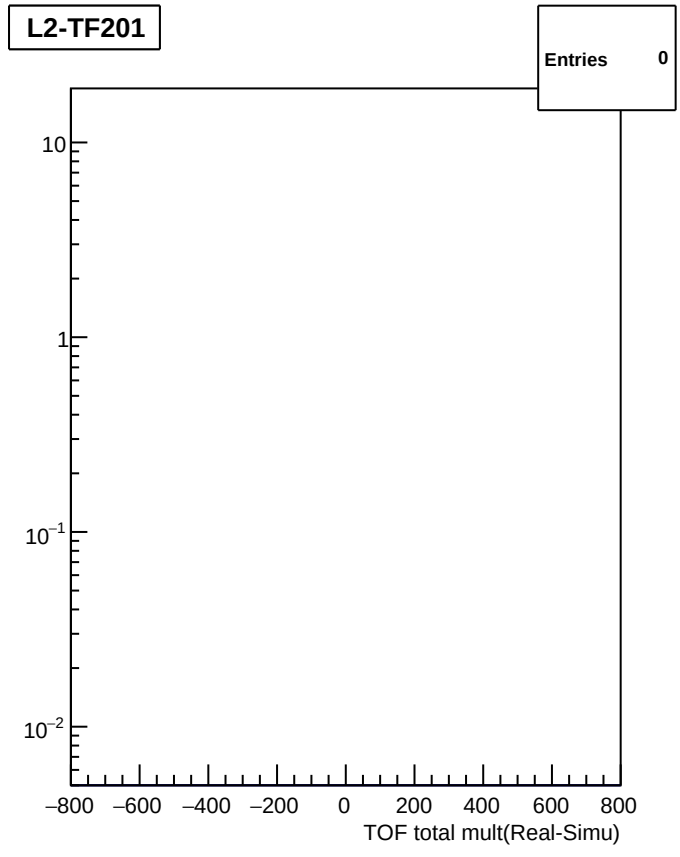

MIX-TF101
Entries 1733598
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

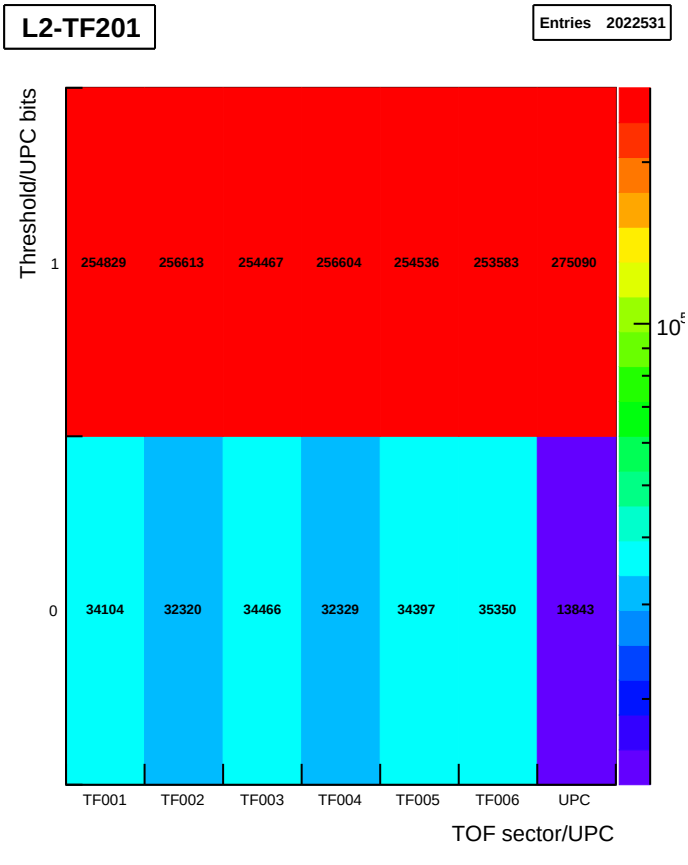

MIX-TF101
Entries 99678
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

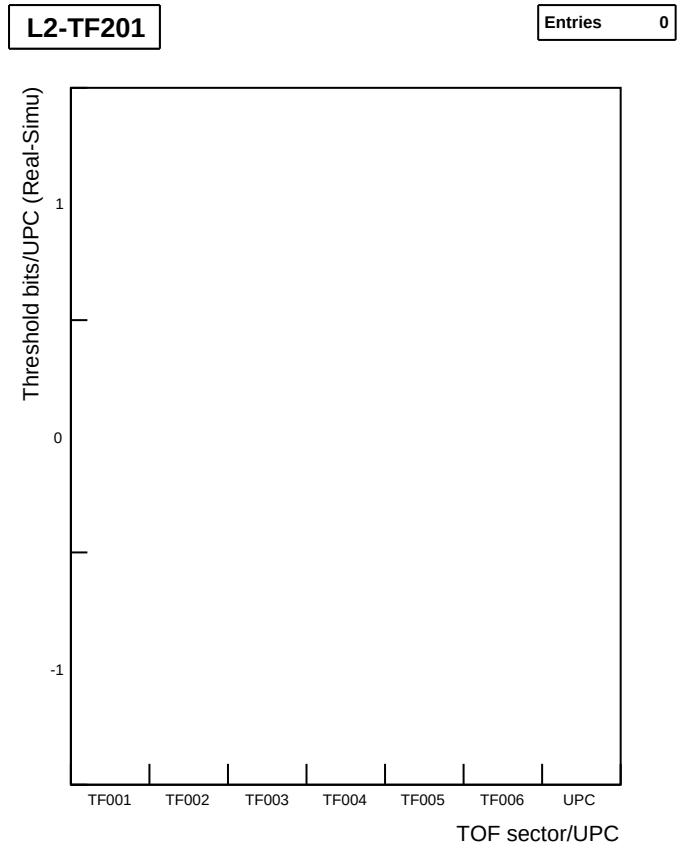

MIX-TF101
Entries 1733598
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

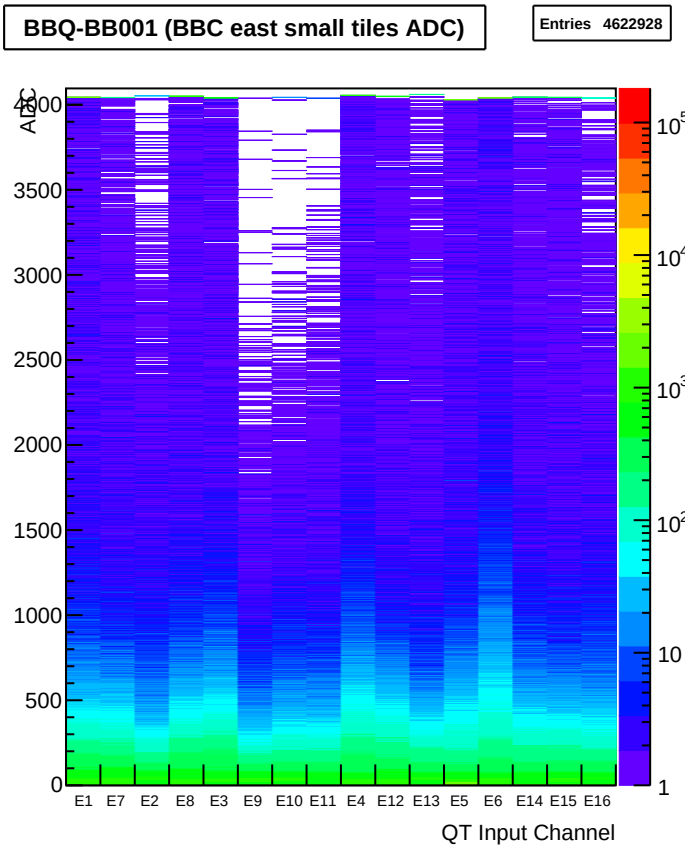

MIX-TF101
Entries 219767
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

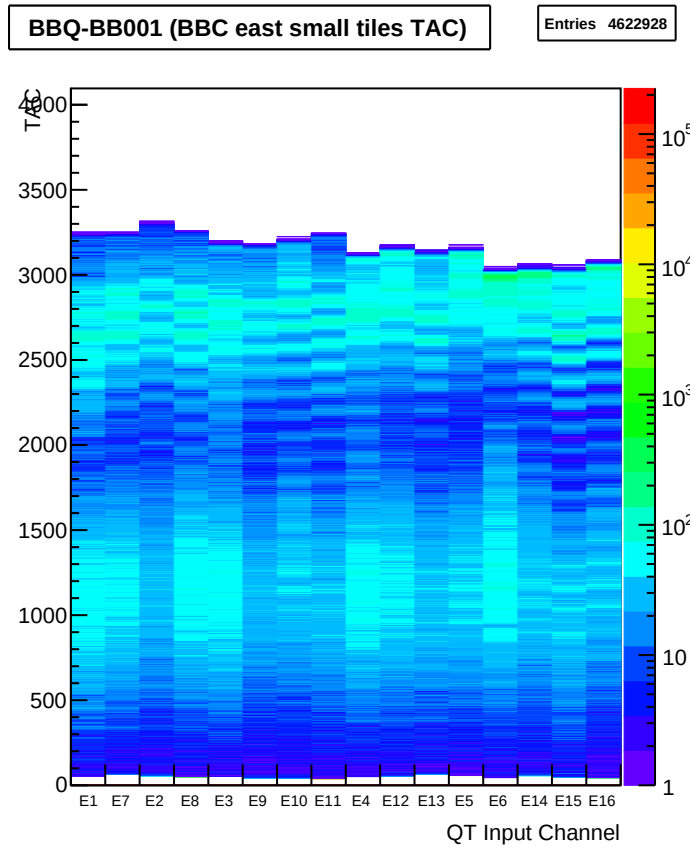

L2-TF201
Entries 288933
TOF total mult

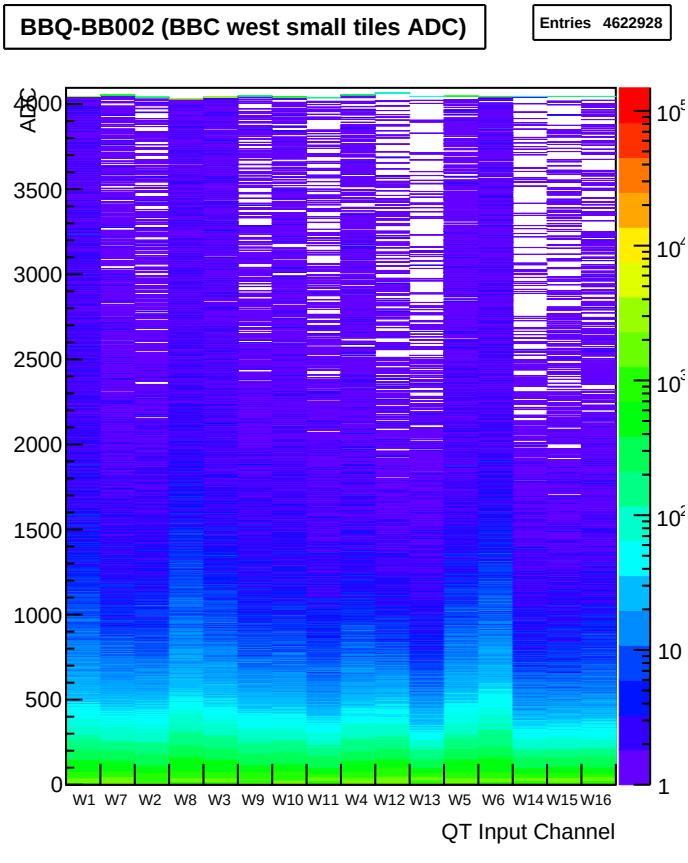

L2-TF201
Entries 0
TOF total mult(Real-Simu)

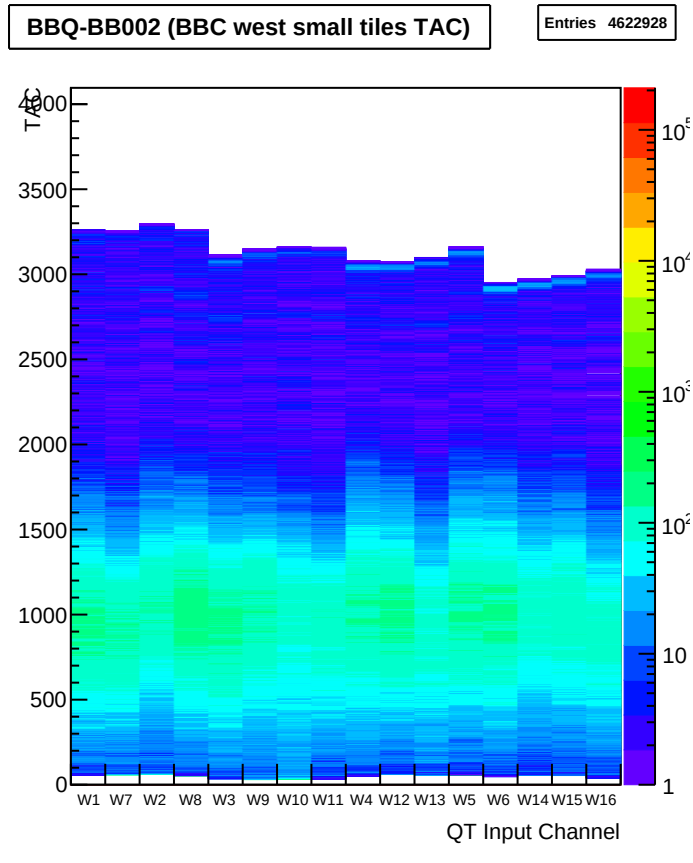

L2-TF201
Entries 2022531
Threshold/UPC bits
254829
256613
254467
256604
254536
253583
275090
34104
32320
34466
32329
34397
35350
13843
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

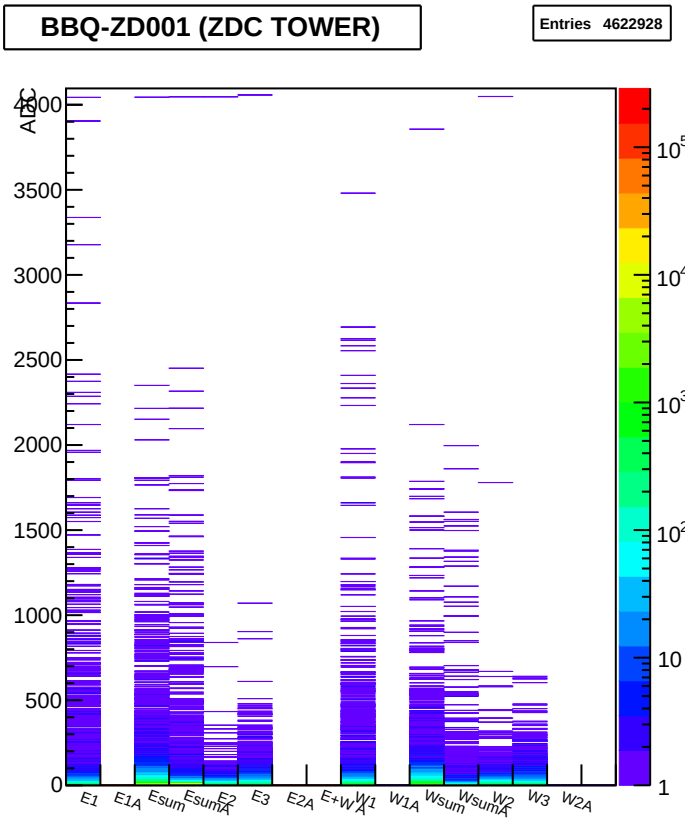

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

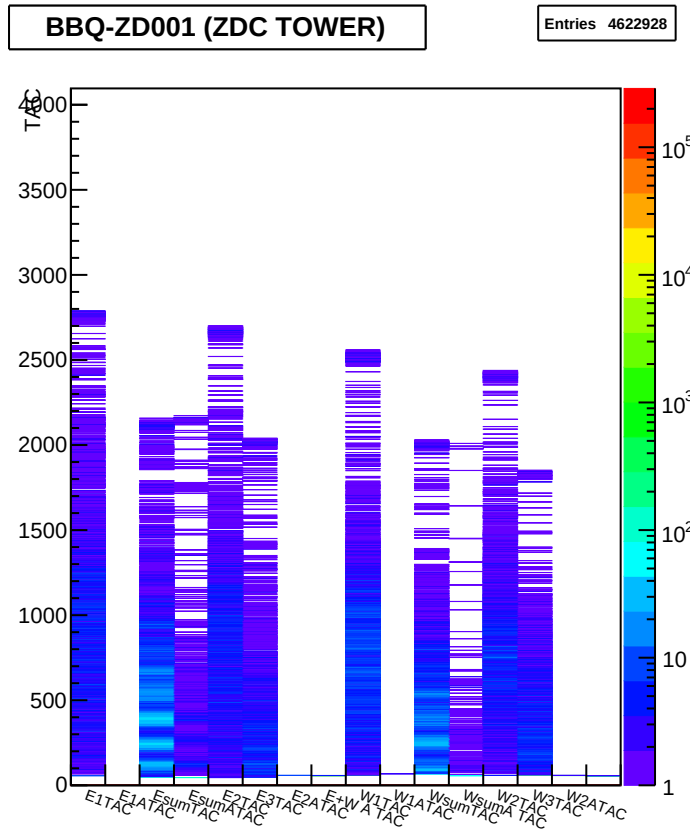

BBQ-BB001 (BBC east small tiles ADC)
Entries 4622928
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

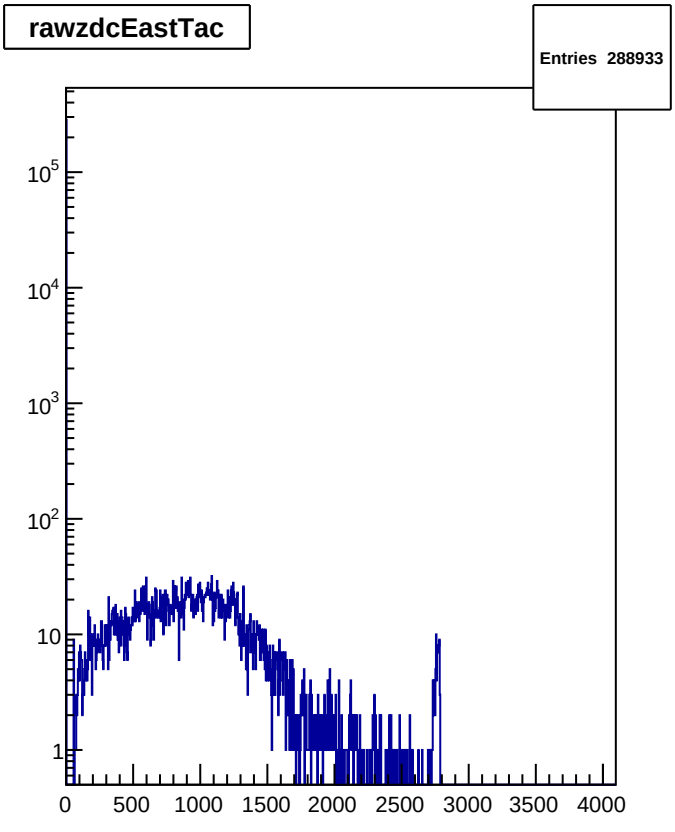

BBQ-BB001 (BBC east small tiles TAC)
Entries 4622928
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

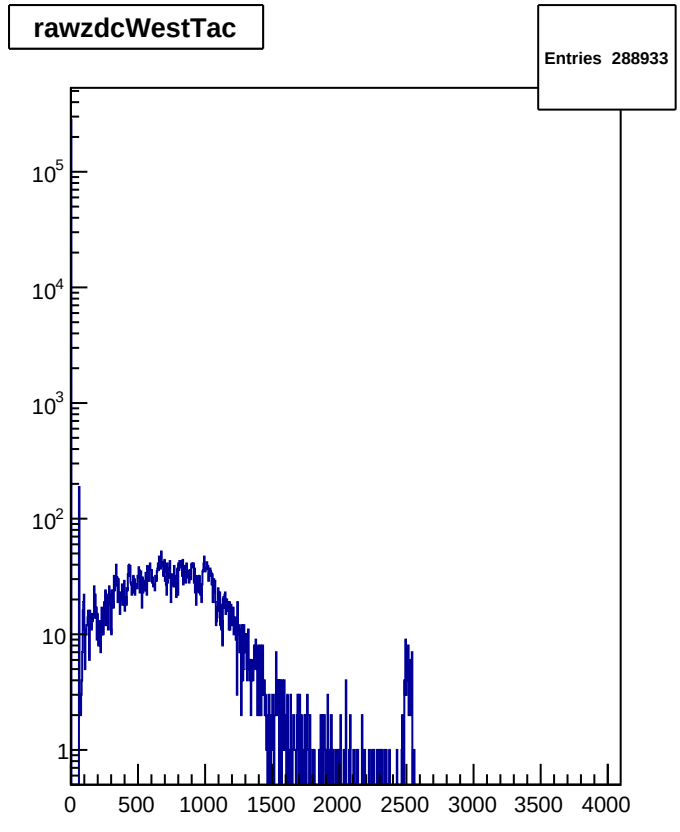

BBQ-BB002 (BBC west small tiles ADC)
Entries 4622928
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

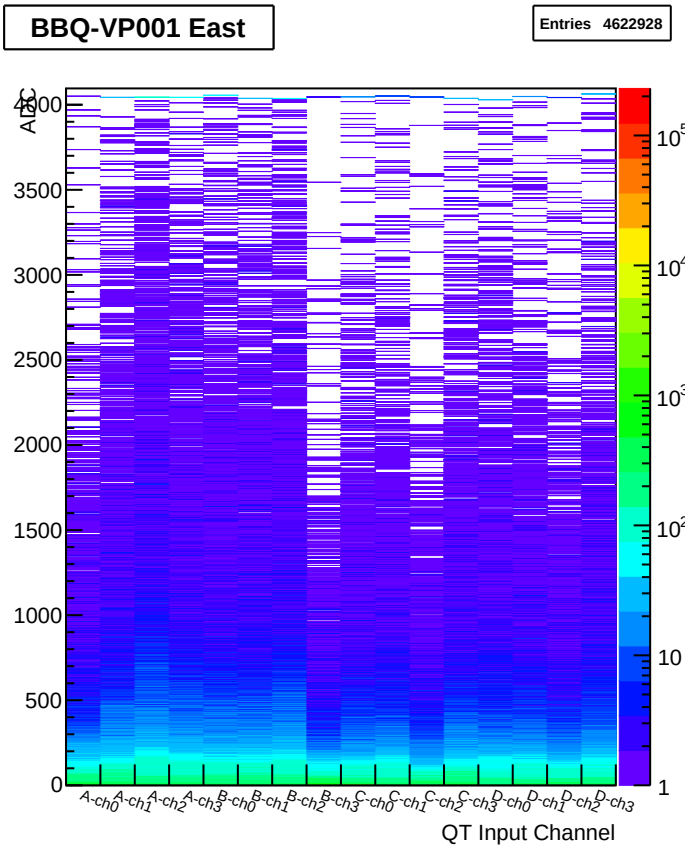

BBQ-BB002 (BBC west small tiles TAC)
Entries 4622928
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

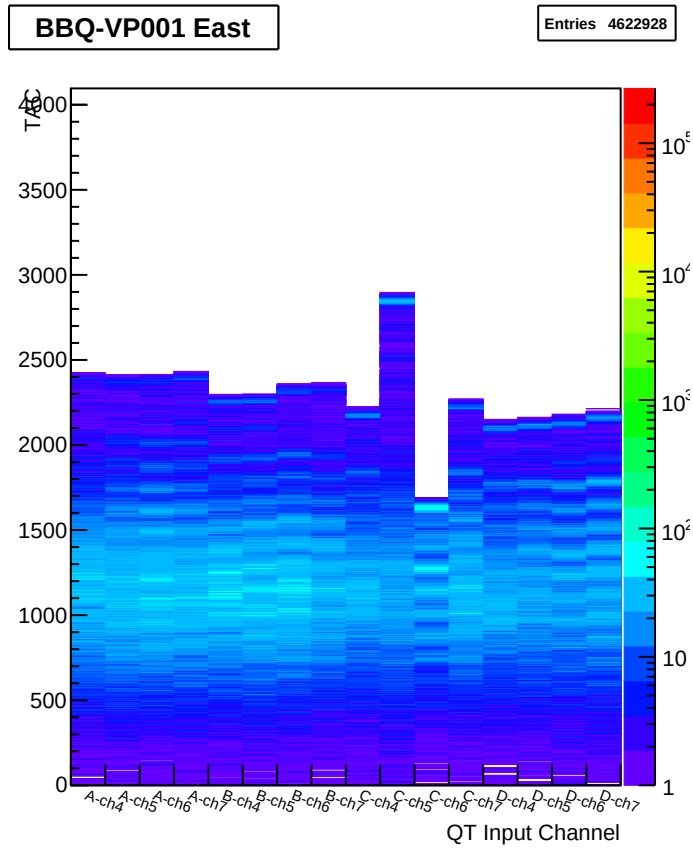

BBQ-ZD001 (ZDC TOWER)
Entries 4622928
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

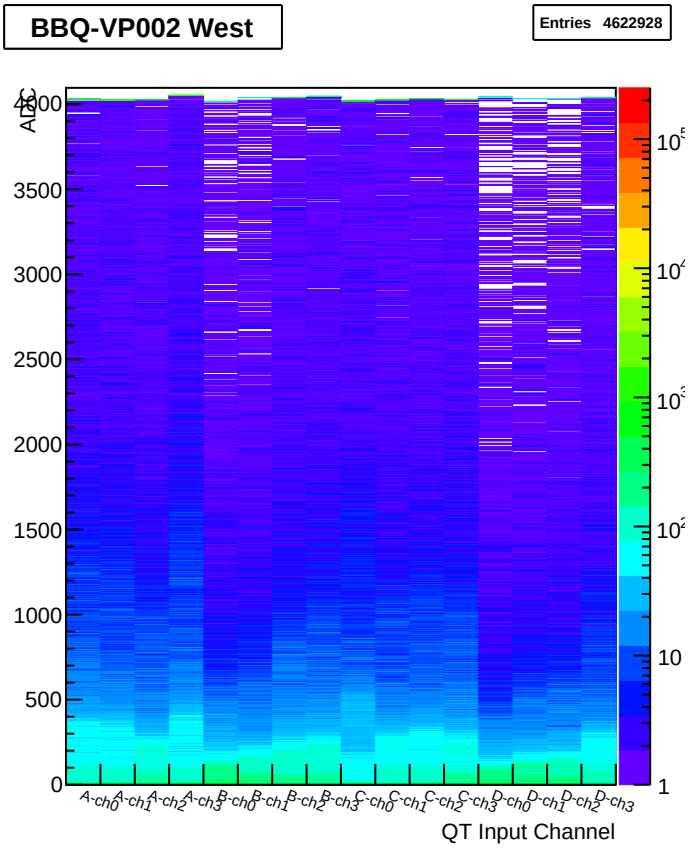

BBQ-ZD001 (ZDC TOWER)
Entries 4622928
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

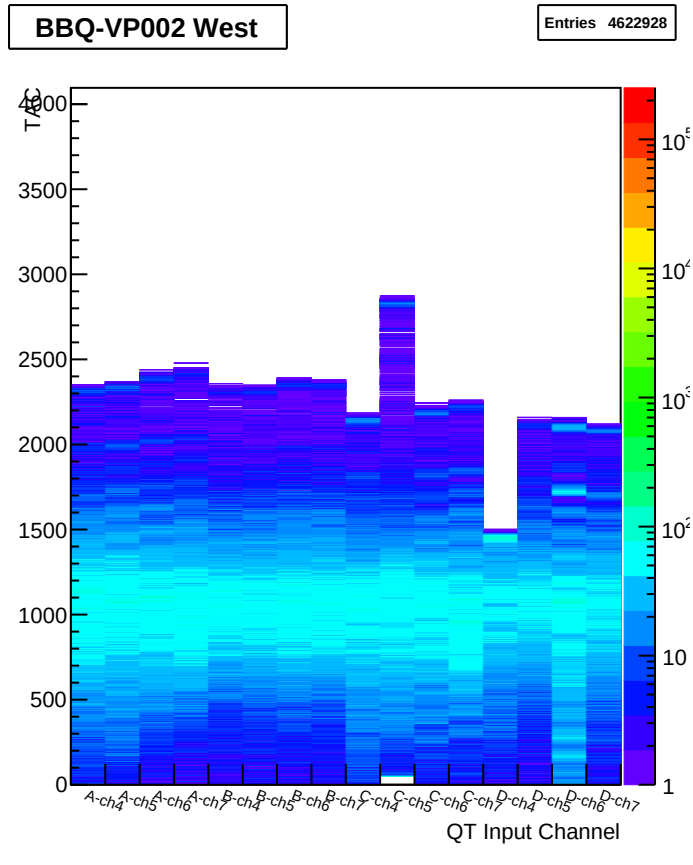

rawzdcEastTac
Entries 288933

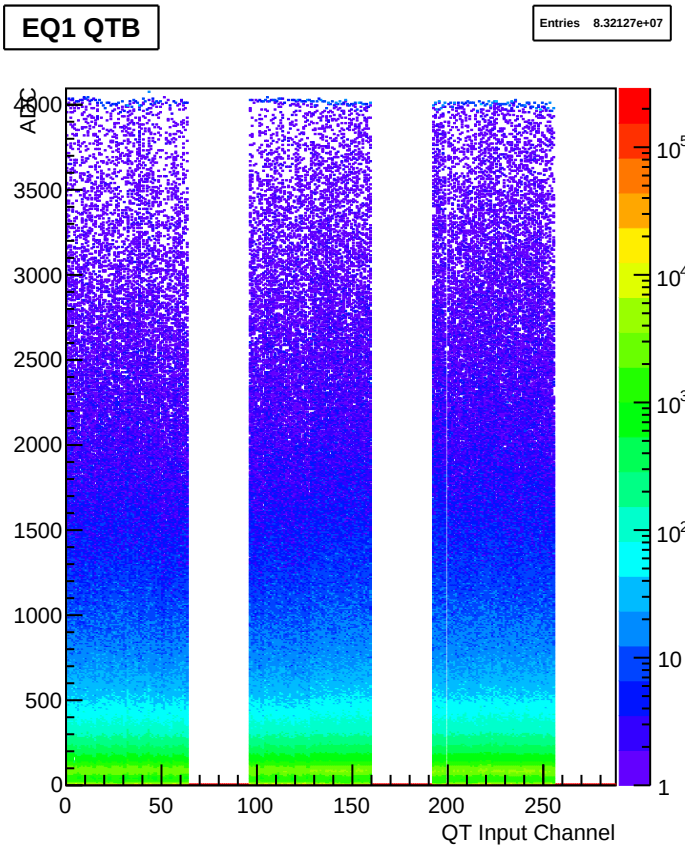

rawzdcWestTac
Entries 288933

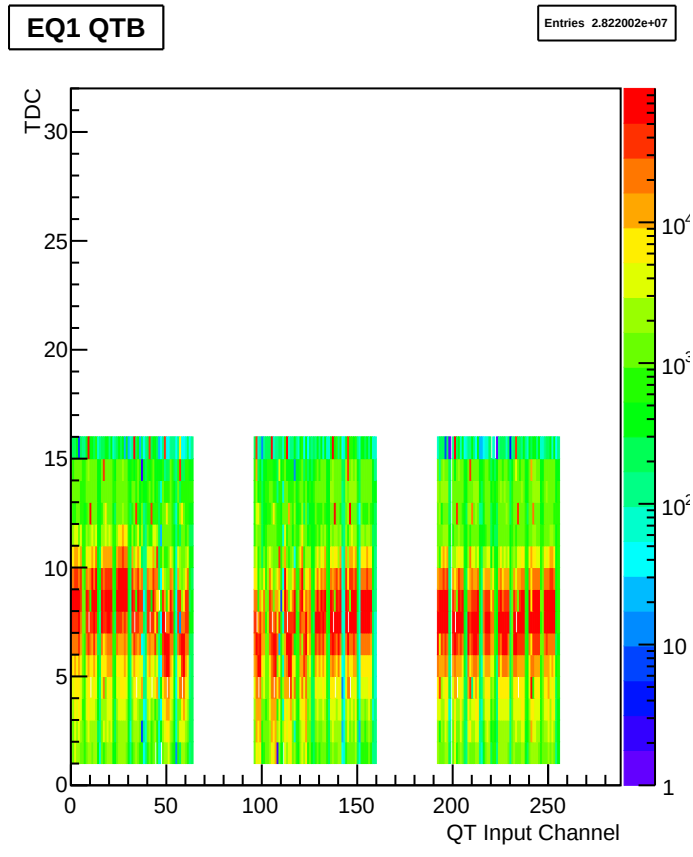

BBQ-VP001 East
Entries 4622928
ADC
QT Input Channel

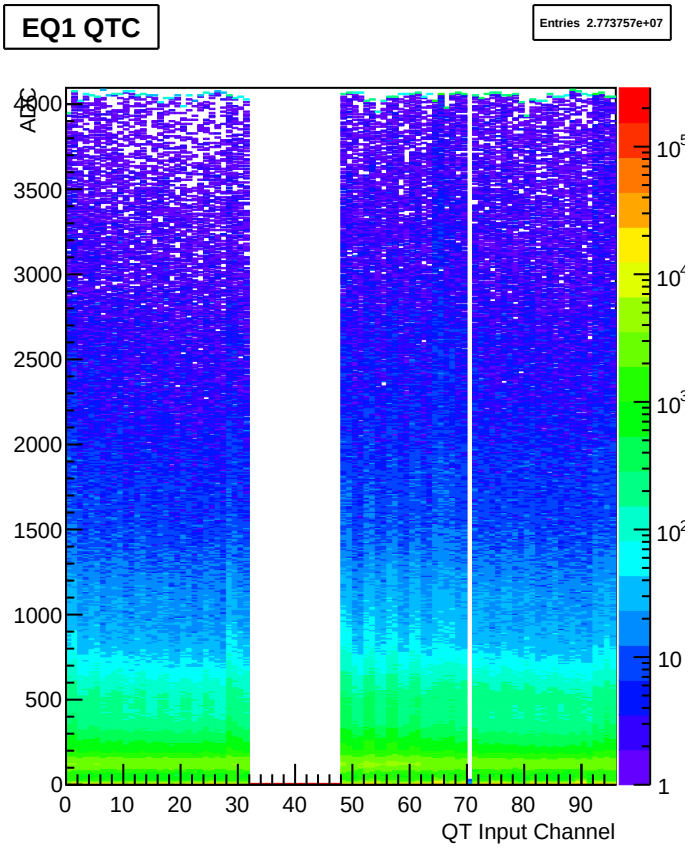

BBQ-VP001 East
Entries 4622928
TADC
QT Input Channel

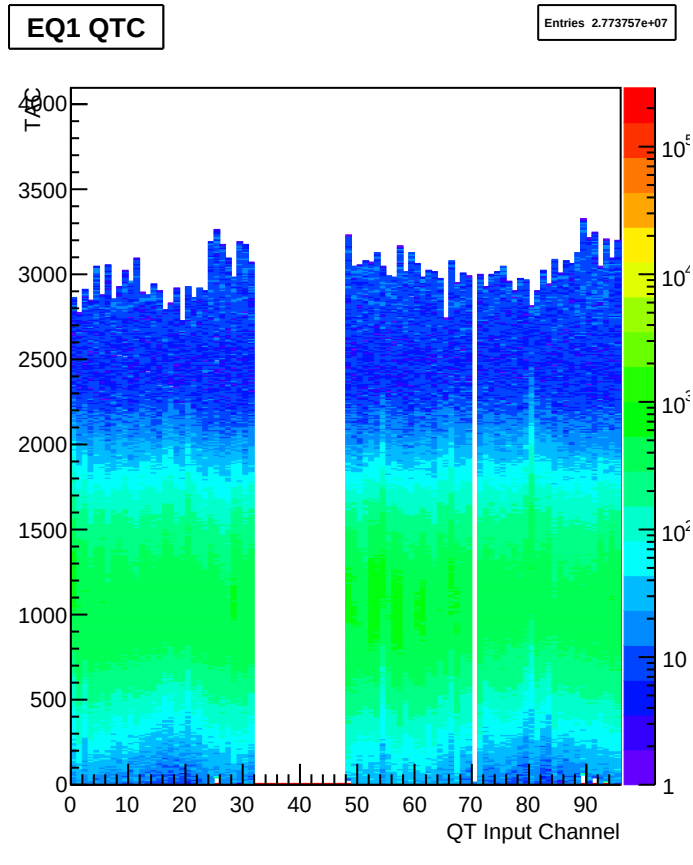

BBQ-VP002 West
Entries 4622928
ADC
QT Input Channel

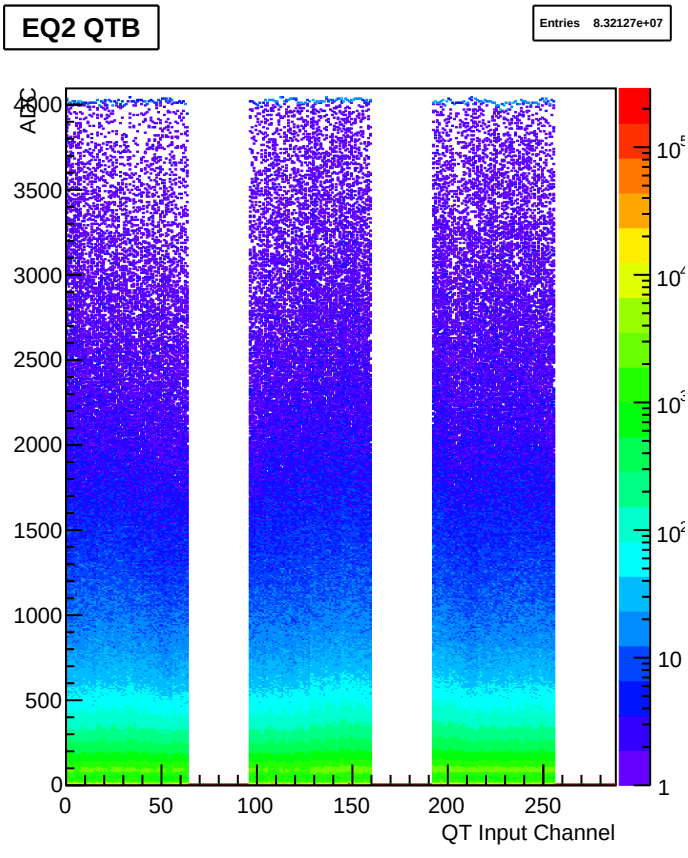

BBQ-VP002 West
Entries 4622928
TADC
QT Input Channel

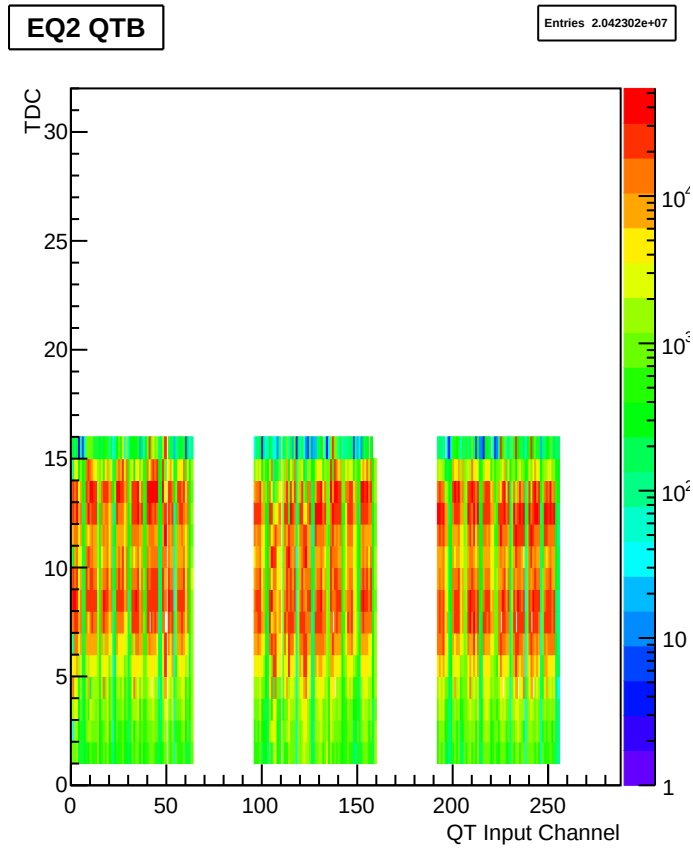

EQ1 QTB
Entries 8.32127e+07
ADC
QT Input Channel

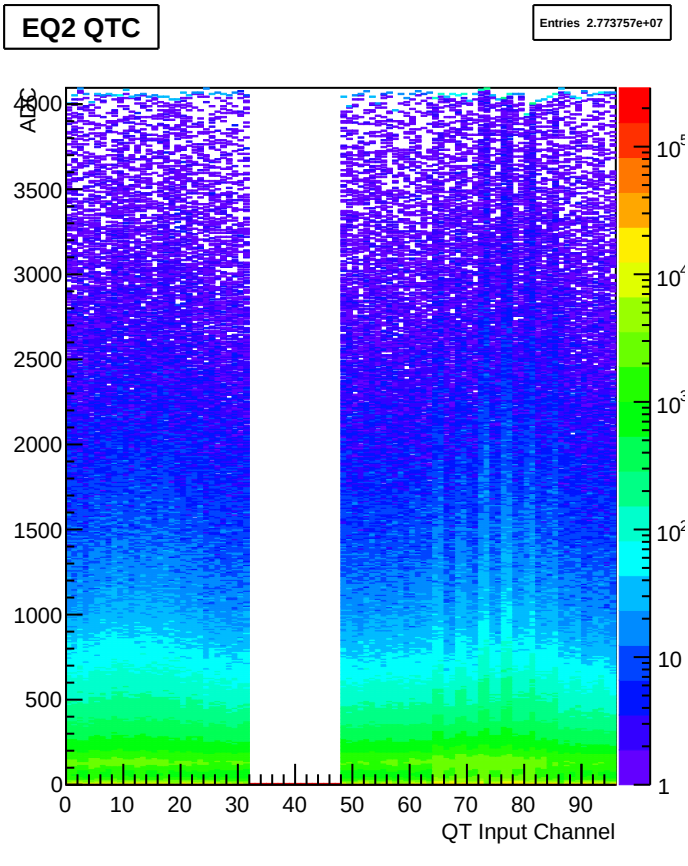

EQ1 QTB
Entries 2.822002e+07
TDC
QT Input Channel

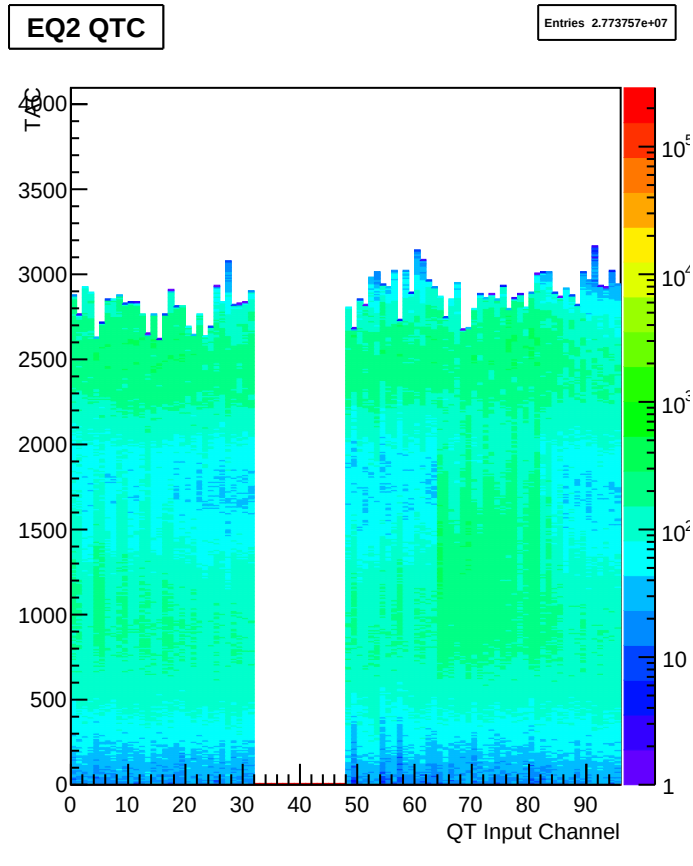

EQ1 QTC
Entries 2.773757e+07
ADC
QT Input Channel

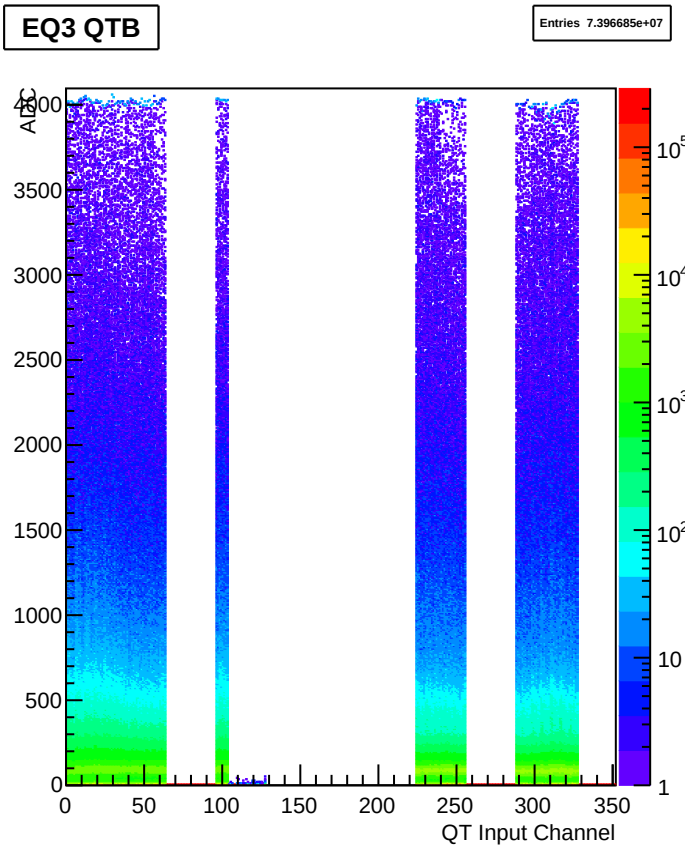

EQ1 QTC
Entries 2.773757e+07
TADC
QT Input Channel

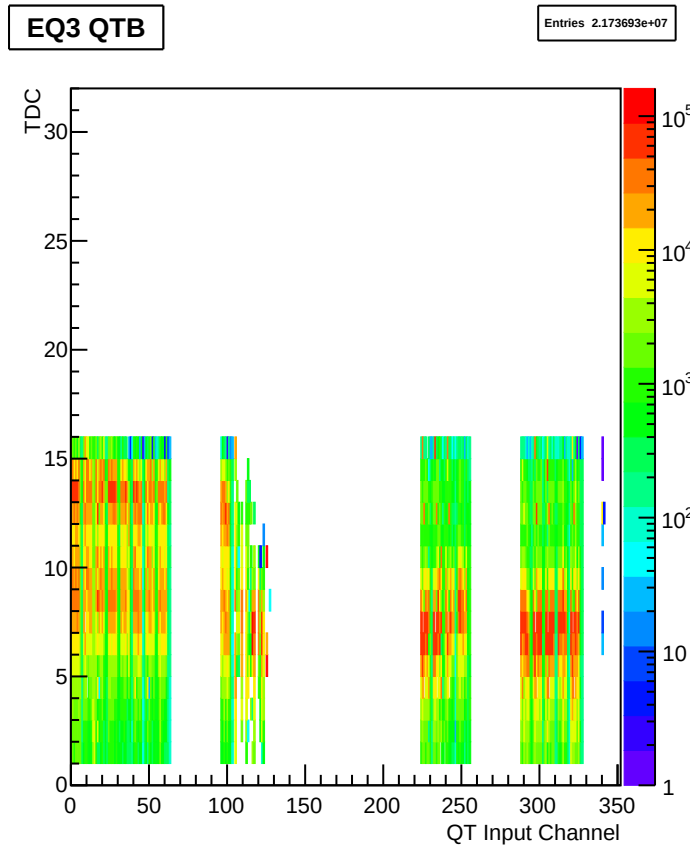

EQ2 QTB
Entries 8.32127e+07
ADC
QT Input Channel

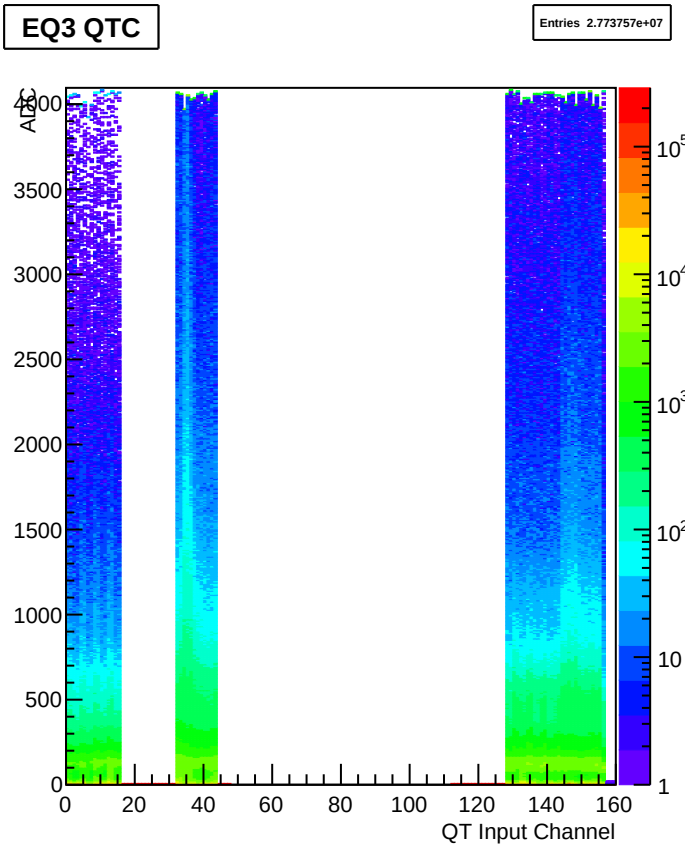

EQ2 QTB
Entries 2.042302e+07
TDC
QT Input Channel

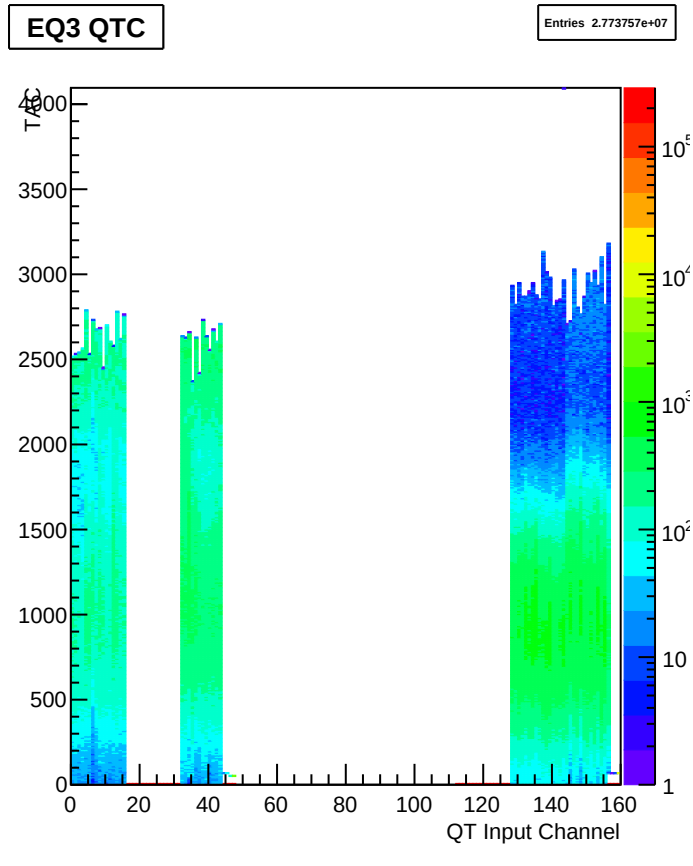

EQ2 QTC
Entries 2.773757e+07
ADC
QT Input Channel


EQ2 QTC
Entries 2.773757e+07
TADC
QT Input Channel


EQ3 QTB
Entries 7.396685e+07
ADC
QT Input Channel


EQ3 QTB
Entries 2.173693e+07
TDC
QT Input Channel


EQ3 QTC
Entries 2.773757e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.773757e+07
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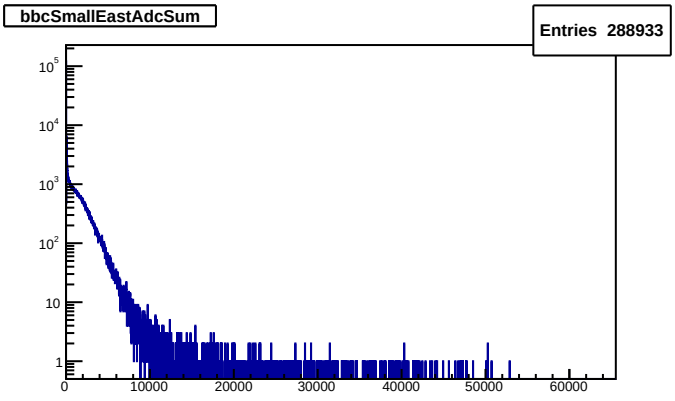
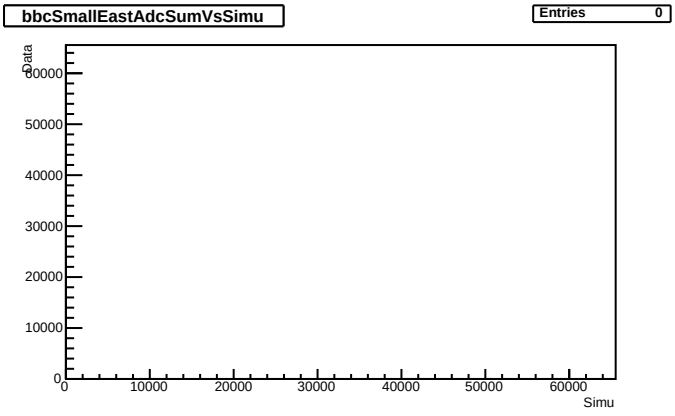
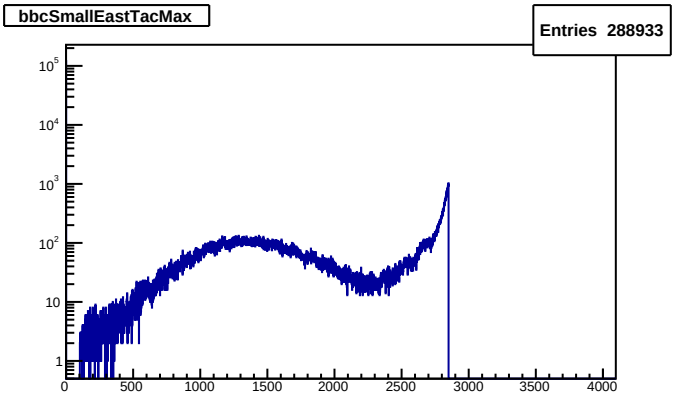
QT Input Channel


bbcSmallEastAdcSum
Entries 288933


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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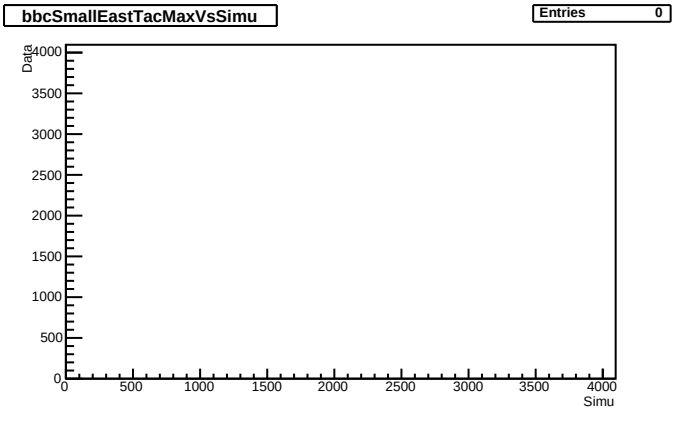
Entries 288933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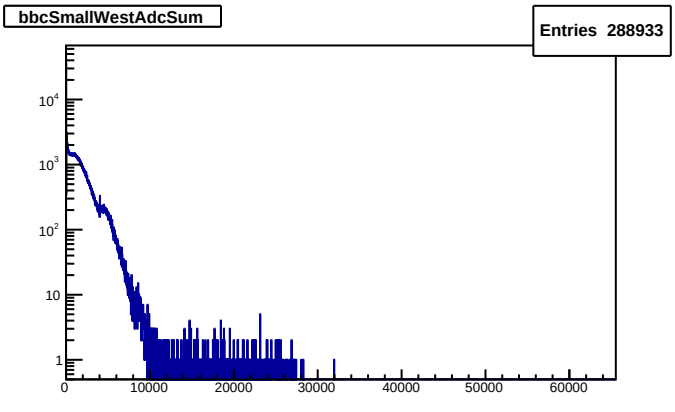
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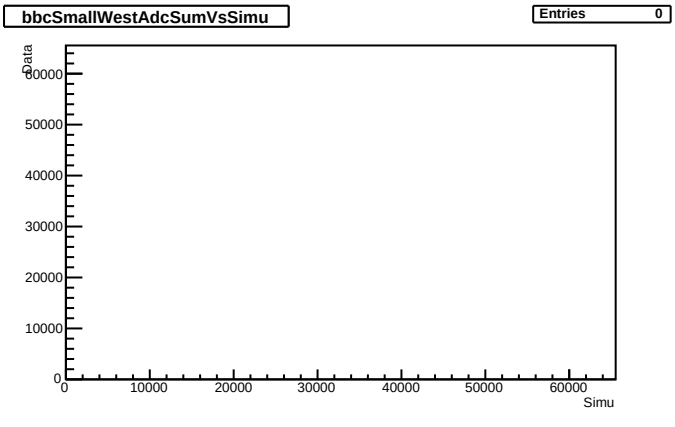
Entries 288933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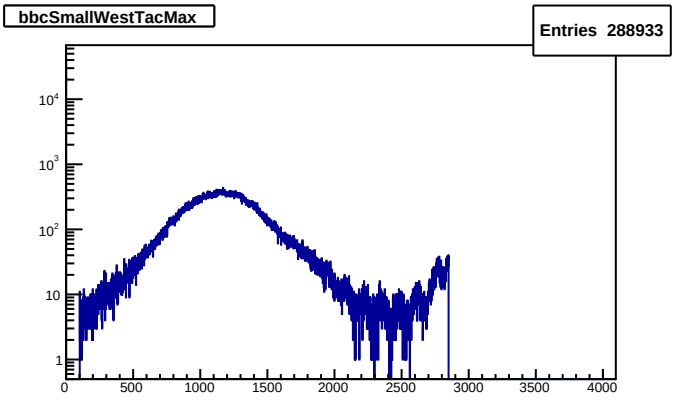
Entries 0
Data
Simu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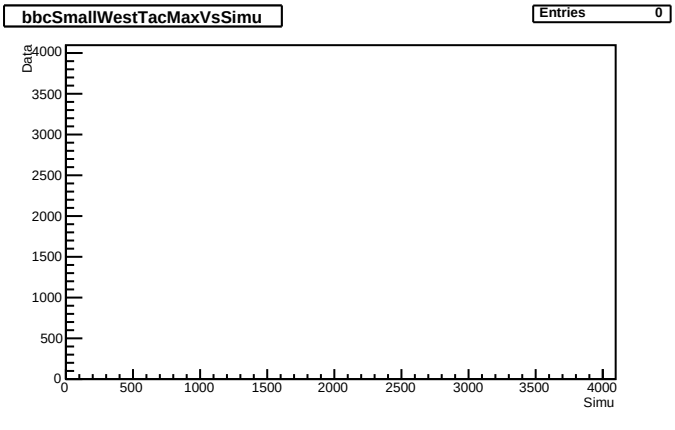
Entries 288933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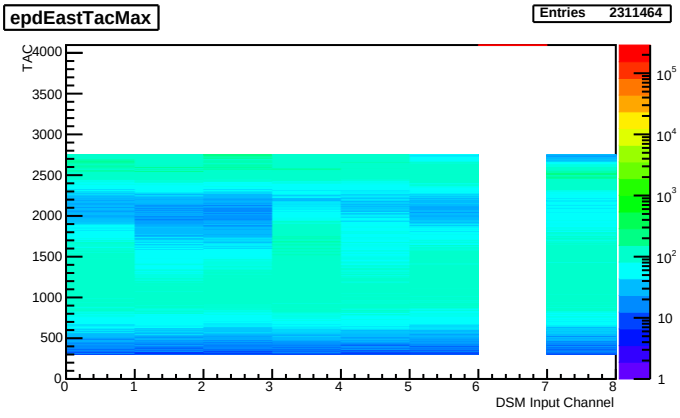
Entries 0
Data
Simu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Entries 2311464
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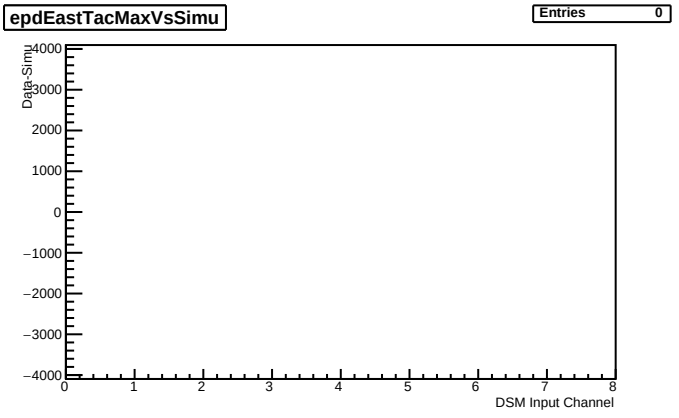
DSM Input Channel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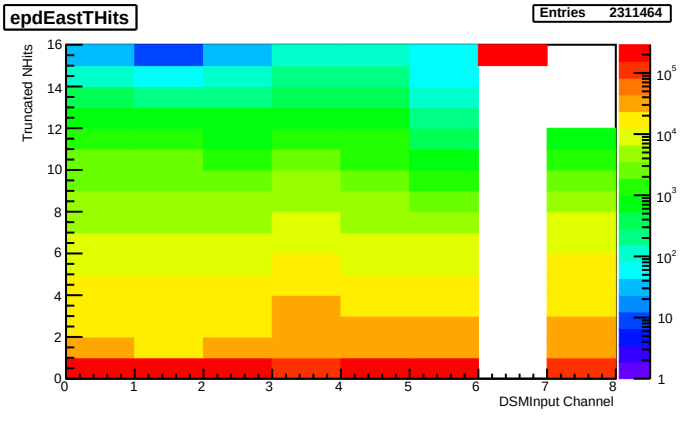
Data-Simu
DSM Input Channel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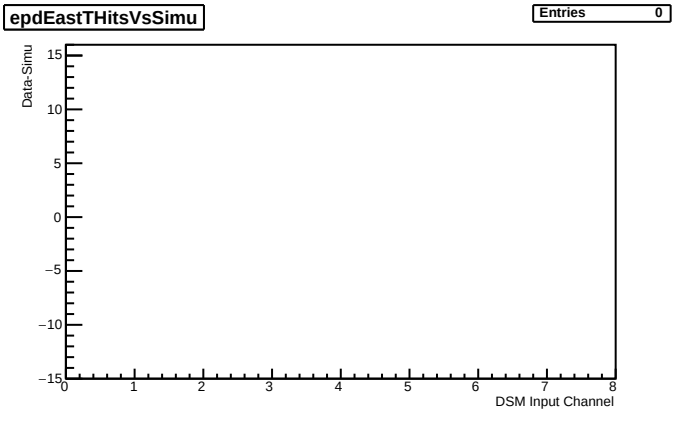
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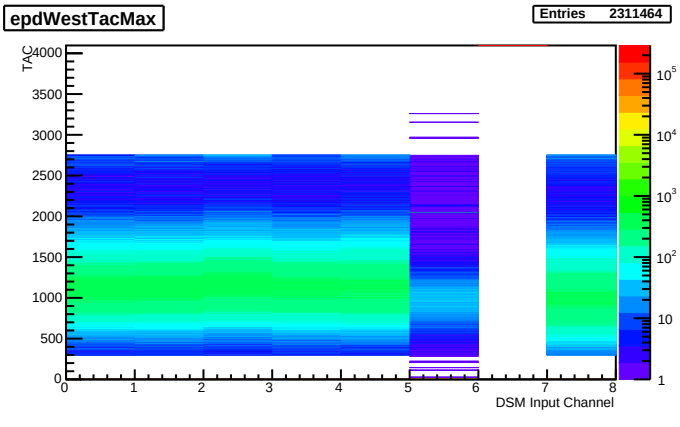
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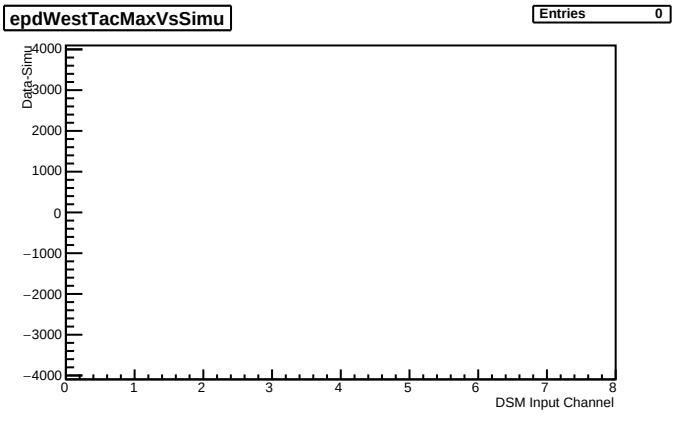
DSM Input Channel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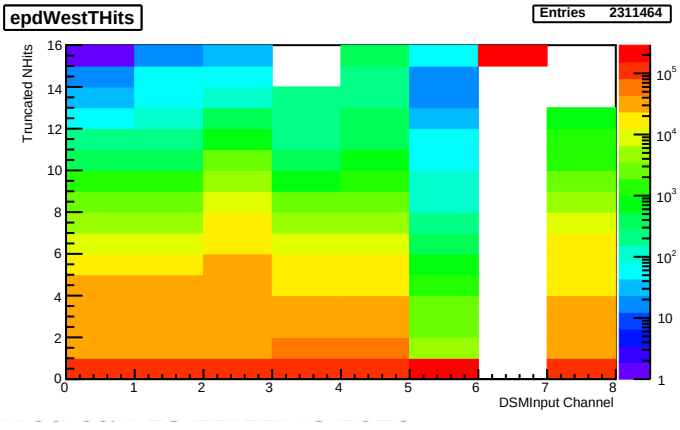
Data-Simu
DSM Input Channel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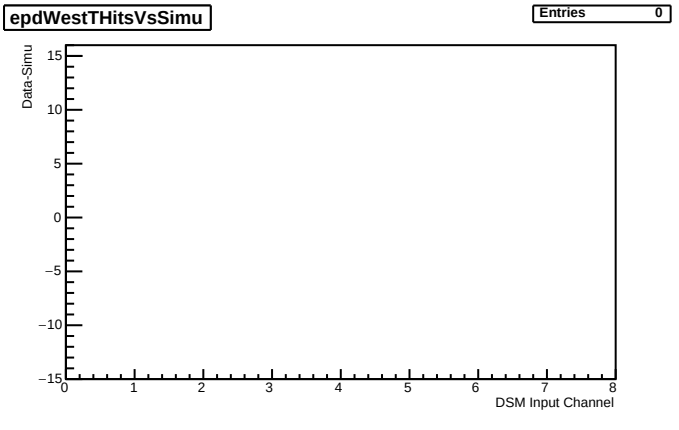
Entries 2311464
Truncated NHits
DSMInput Channel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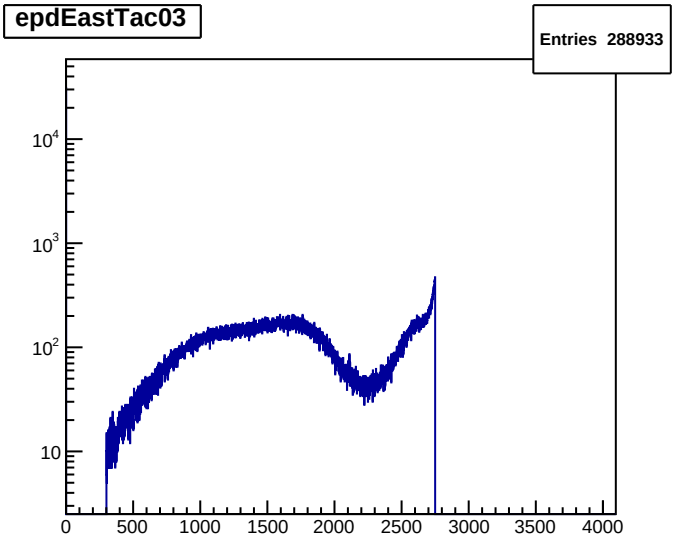
Data-Simu
DSM Input Channel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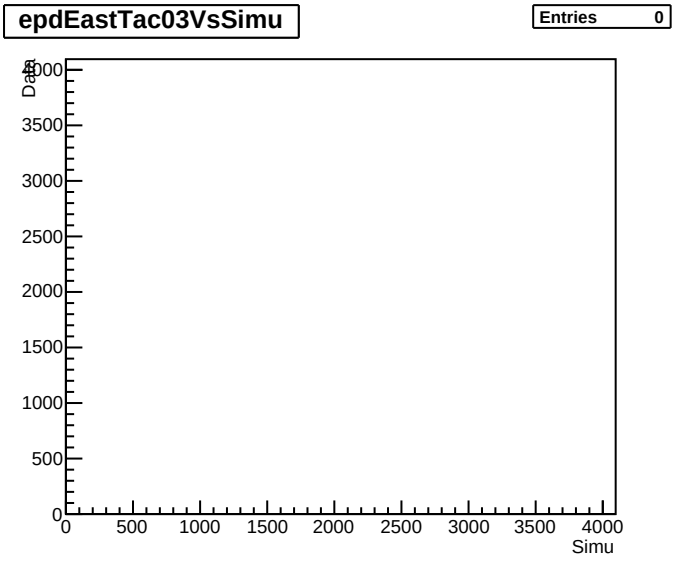
Entries 288933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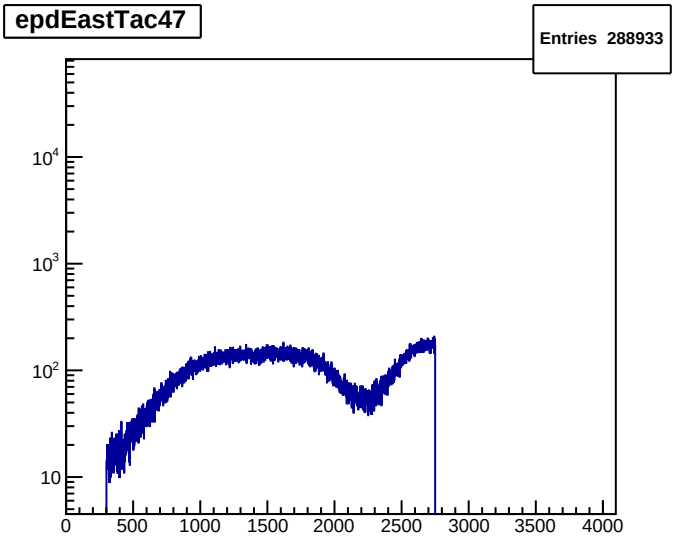
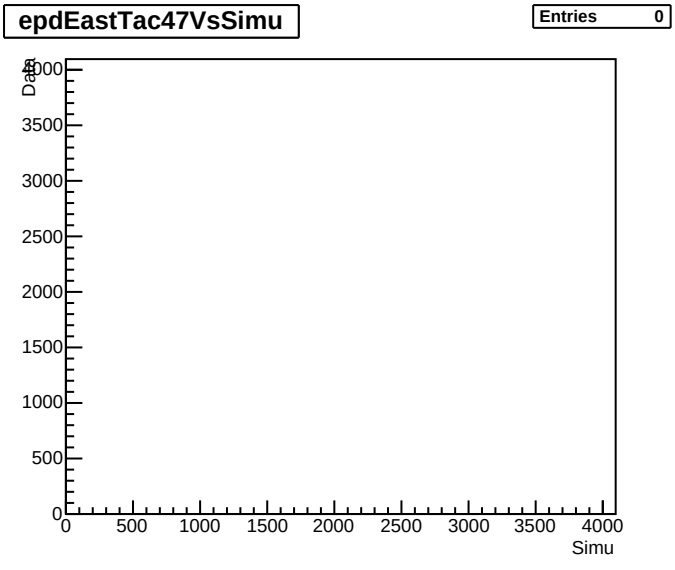
Entries 0
Data
Simu


epdEastTac47
Entries 288933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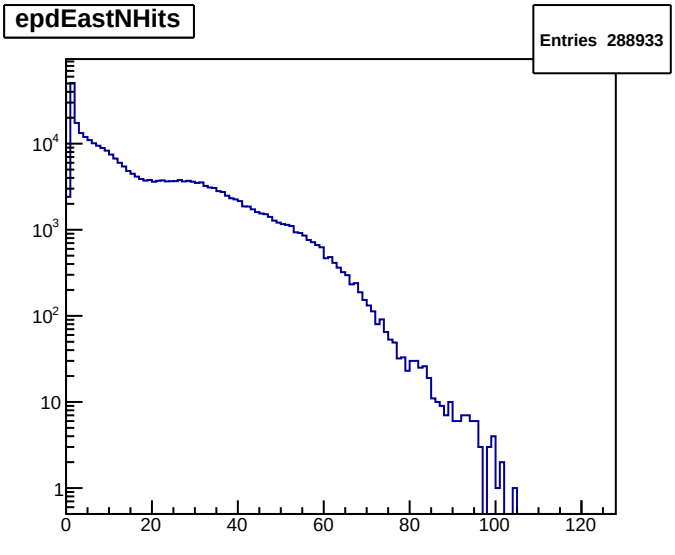
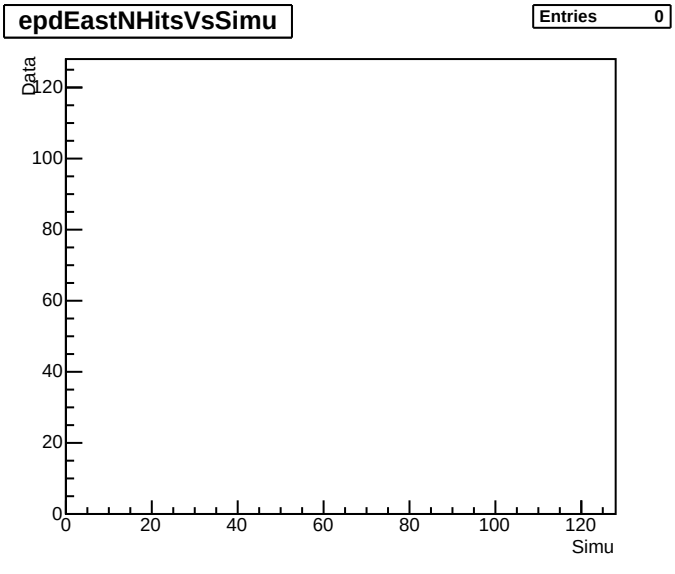
Data
Simu


epdEastNHits
Entries 288933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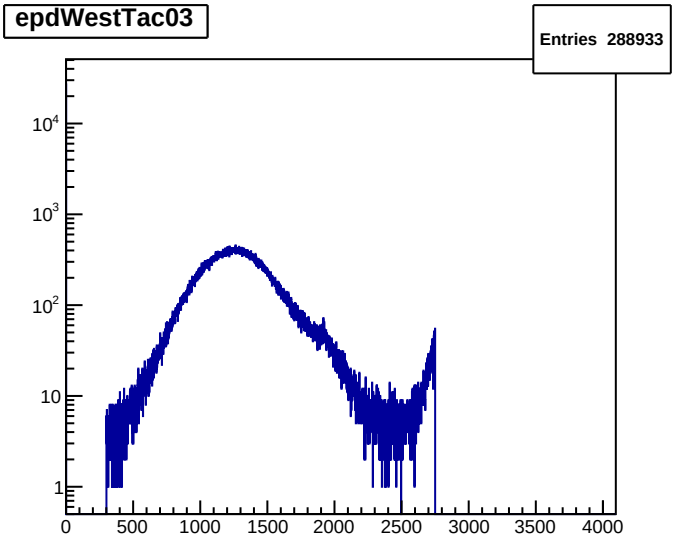
Entries 0
Data
Simu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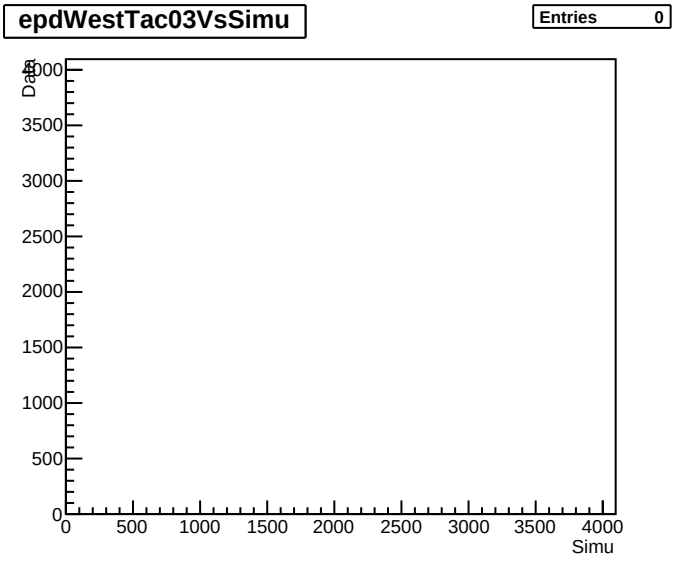
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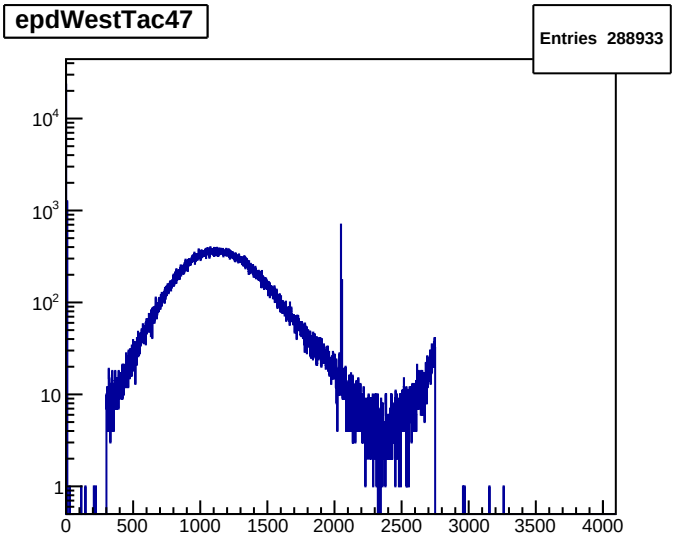
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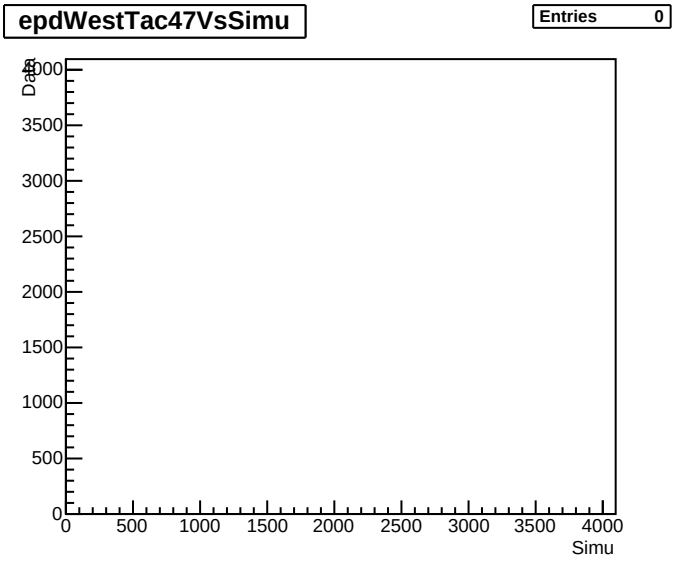
Entries 288933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Entries 0
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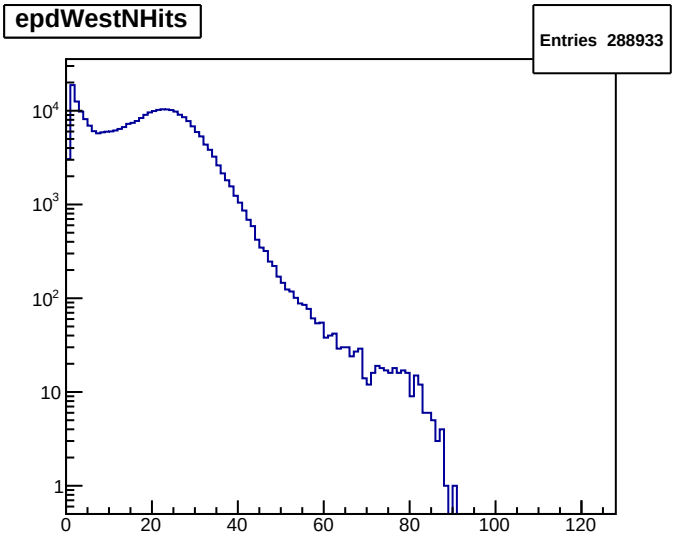
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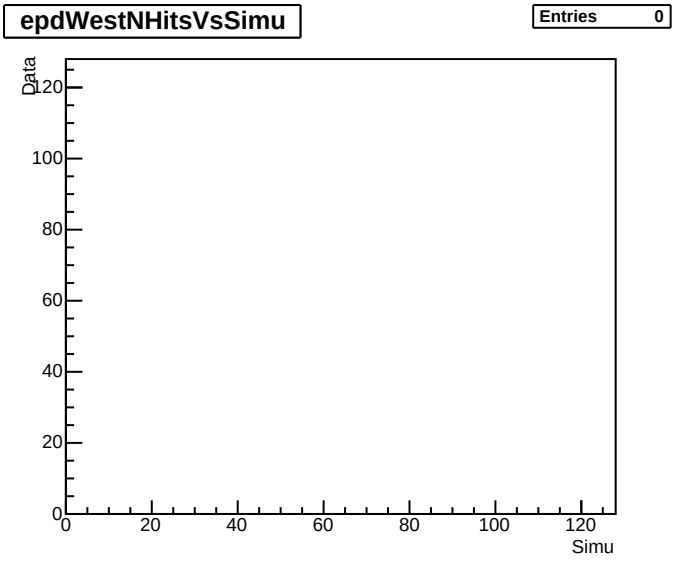
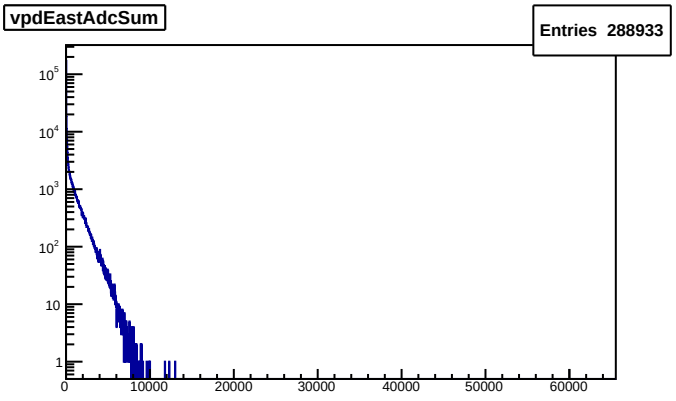
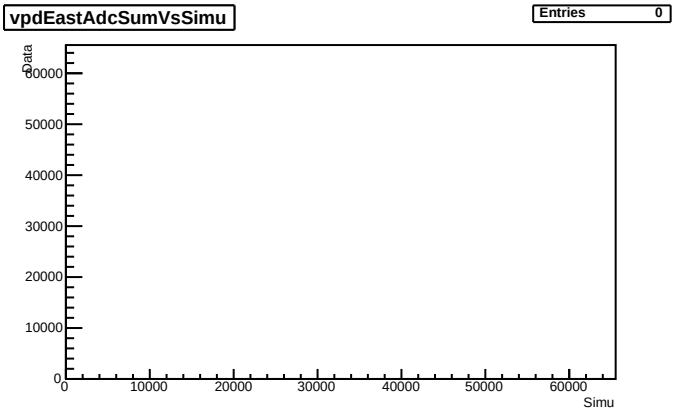
Entries 288933


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 288933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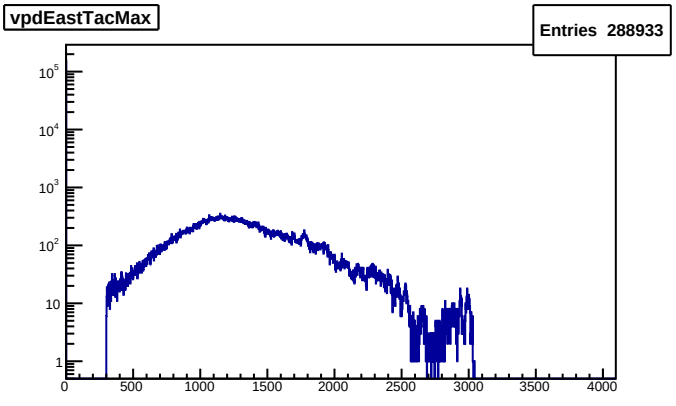
Entries 0
Data
Simu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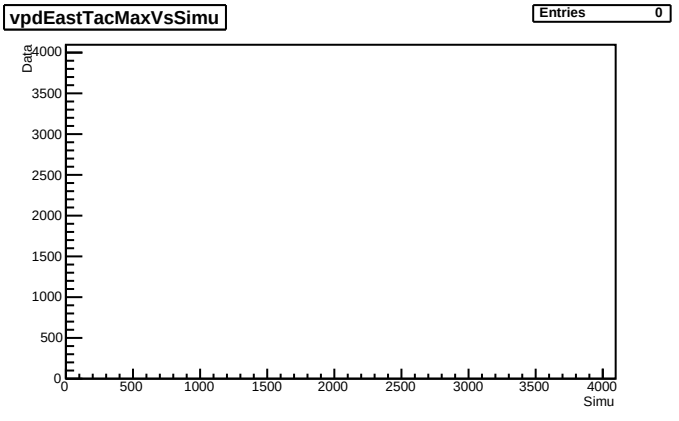
Entries 288933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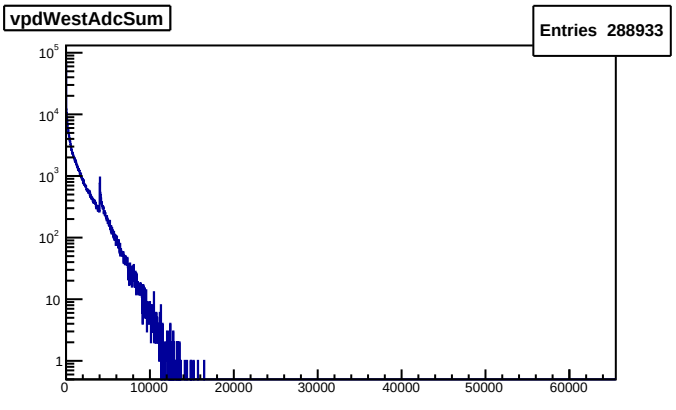
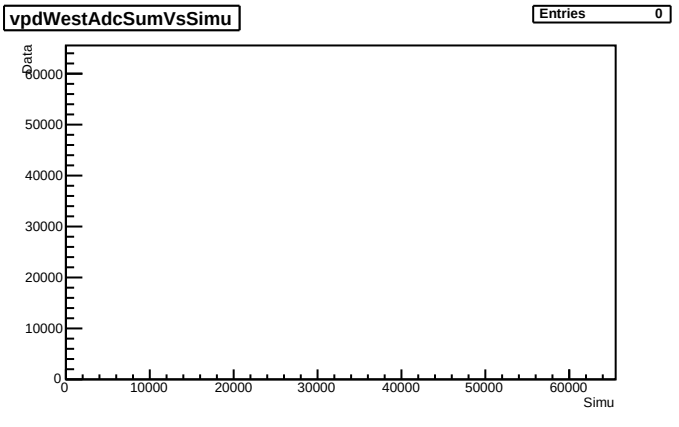
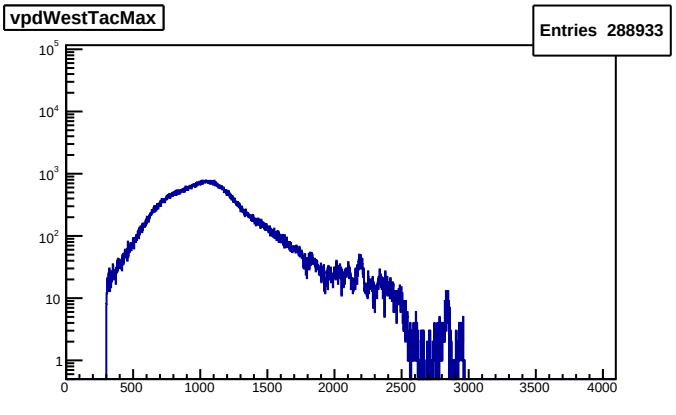
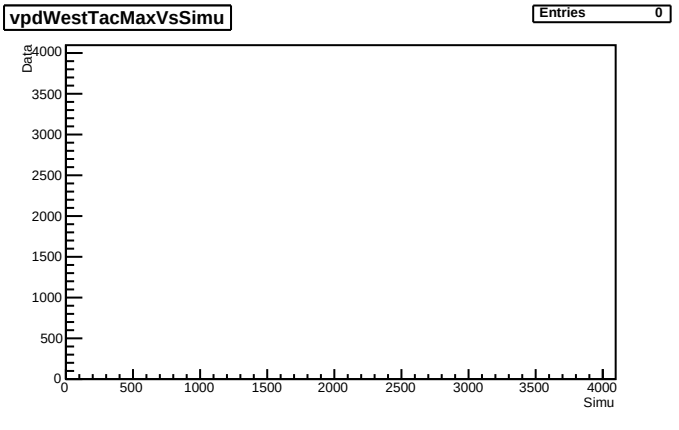
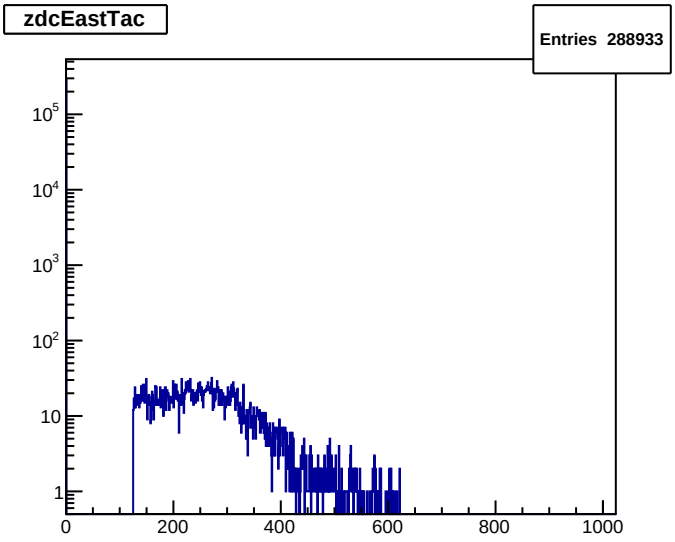
Entries 0
Data
Simu


vpdWestAdcSum
Entries 288933


vpdWestAdcSumVsSimu
Entries 0
Data
Simu


vpdWestTacMax
Entries 288933


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 288933
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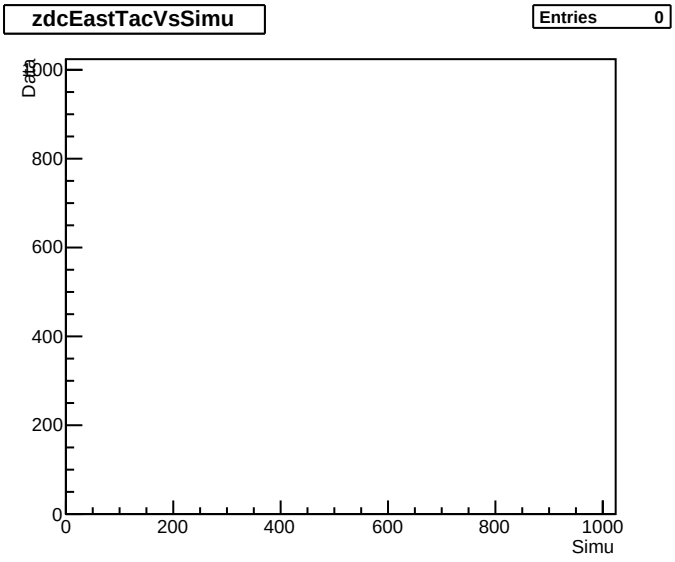
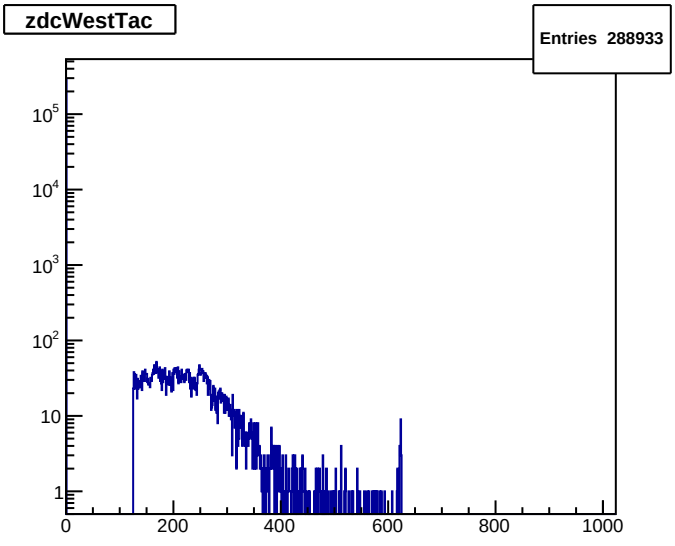
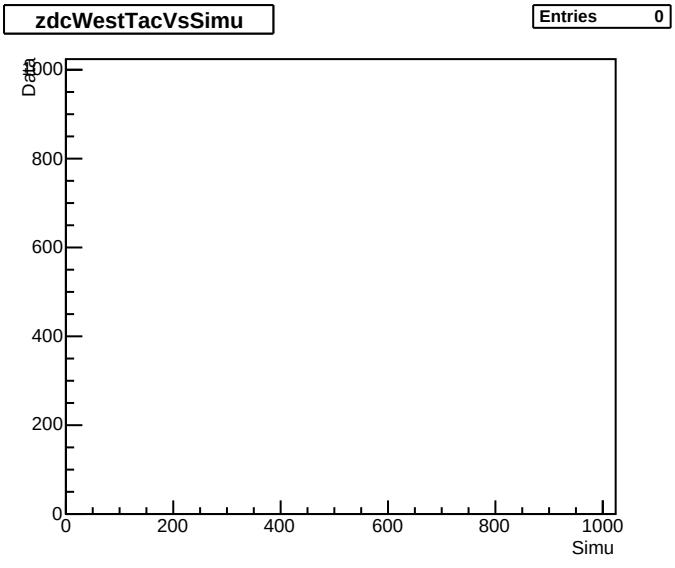
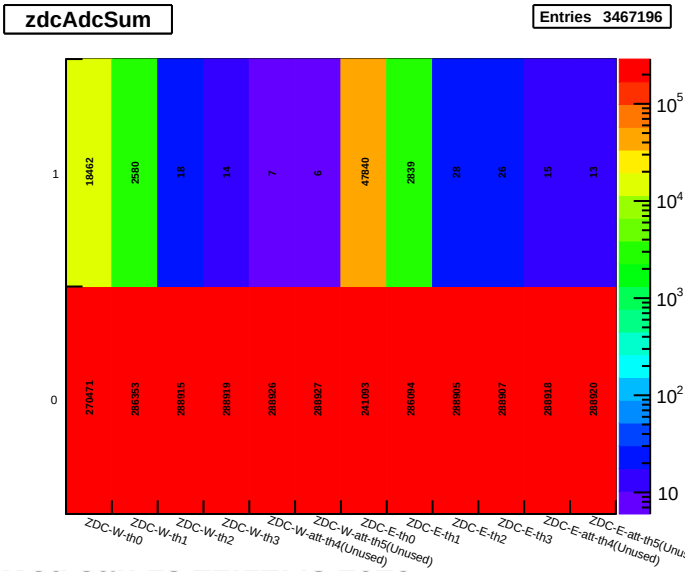
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 288933
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcAdcSum
Entries 3467196
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18462
2580
18
14
7
6
47840
2839
28
26
15
13
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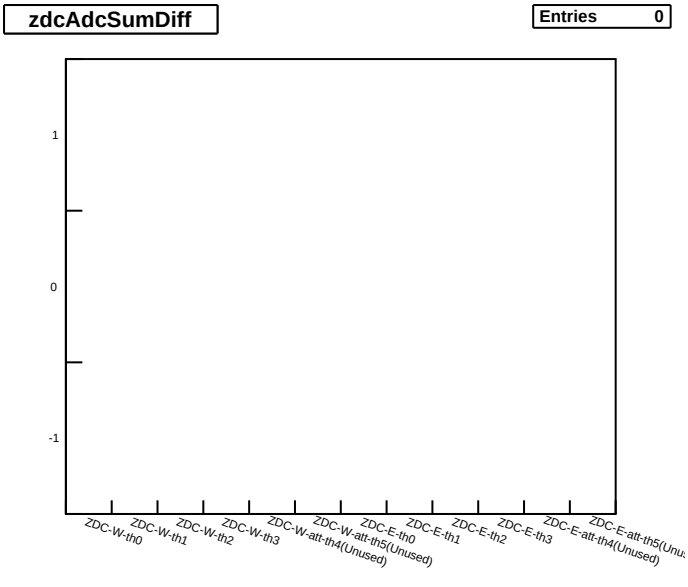
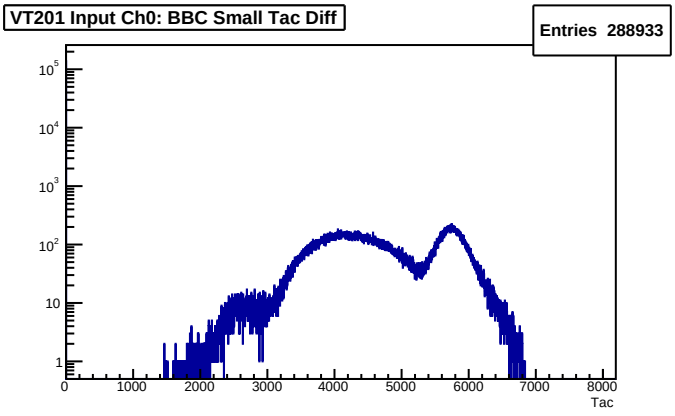
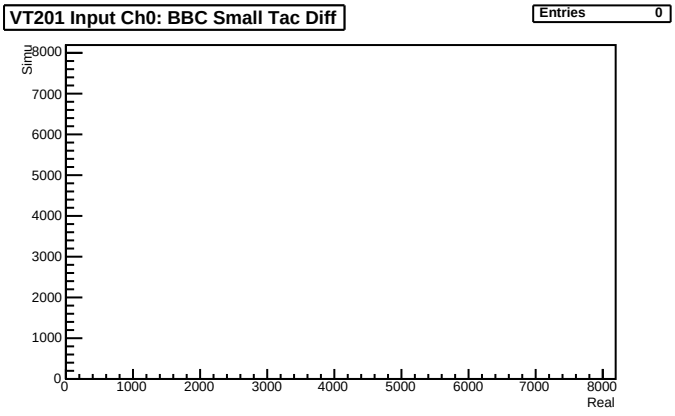
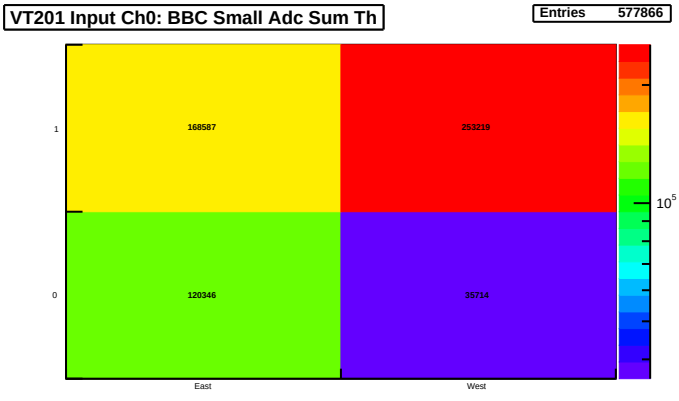
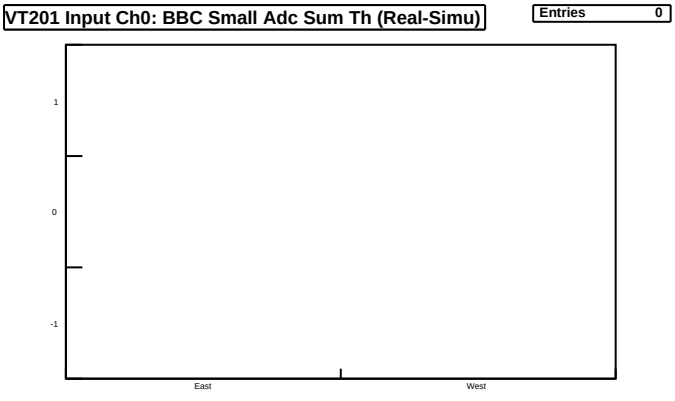
286353
288915
288919
288926
288927
241093
286094
288905
288907
288918
288920
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

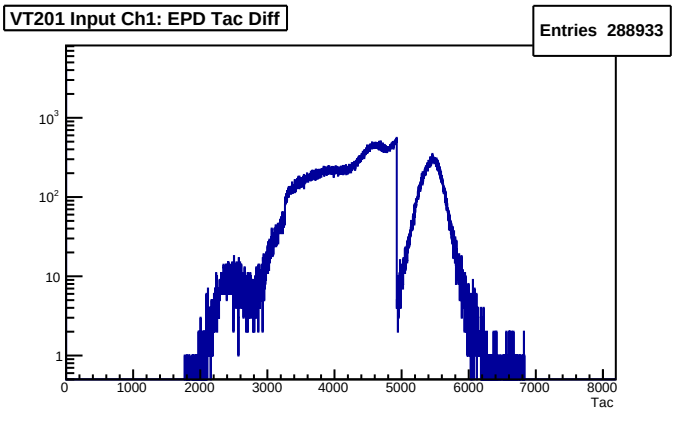

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

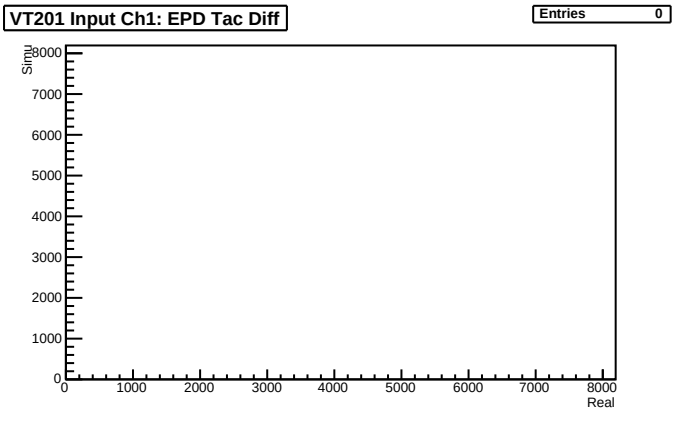

VT201 Input Ch0: BBC Small Tac Diff
Entries 288933
Tac

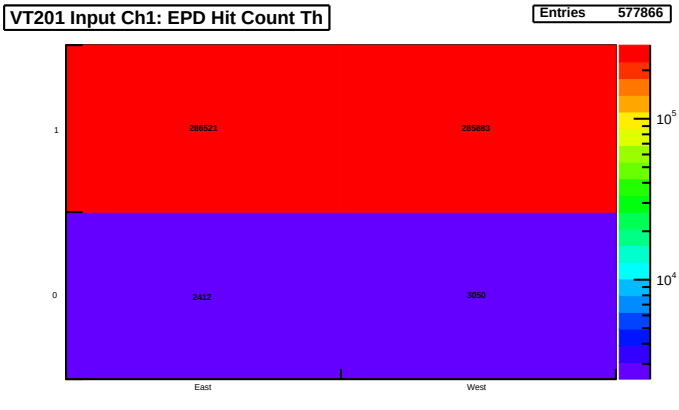

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

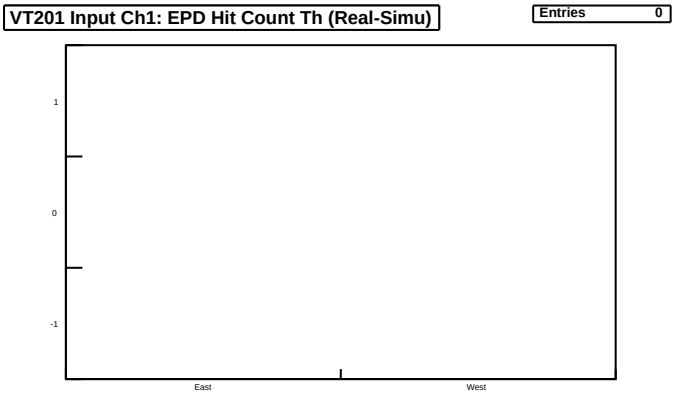

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 577866
168587
253219
120346
35714
East
West

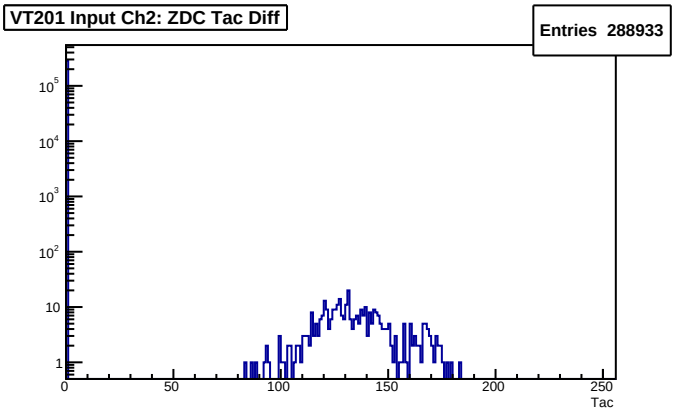

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

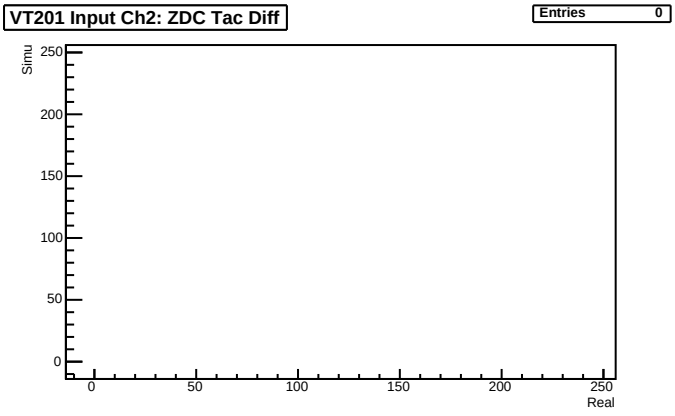

VT201 Input Ch1: EPD Tac Diff
Entries 288933
Tac

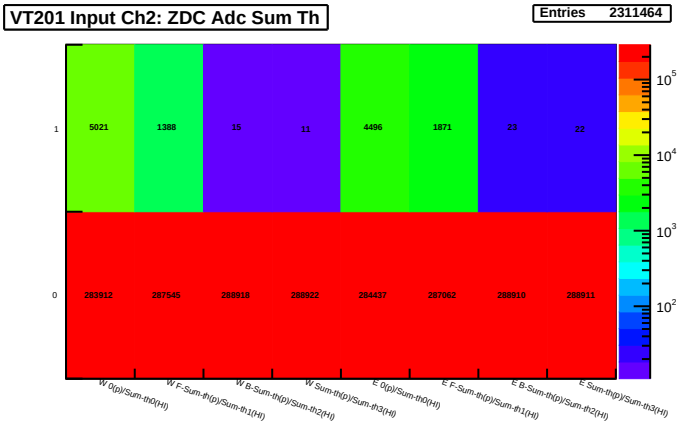

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

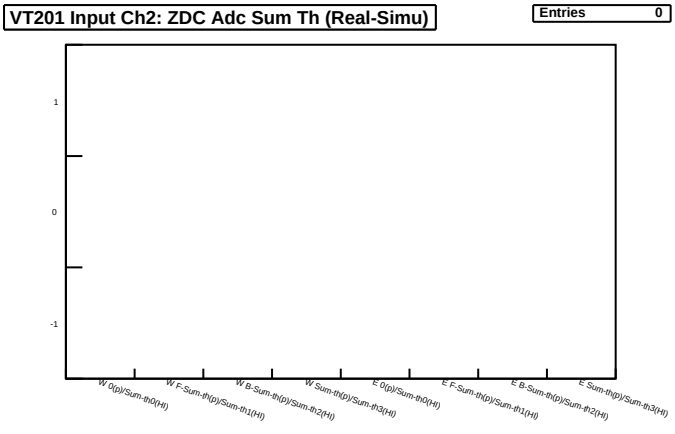

VT201 Input Ch1: EPD Hit Count Th
Entries 577866
286521
285883
2412
3050
East
West

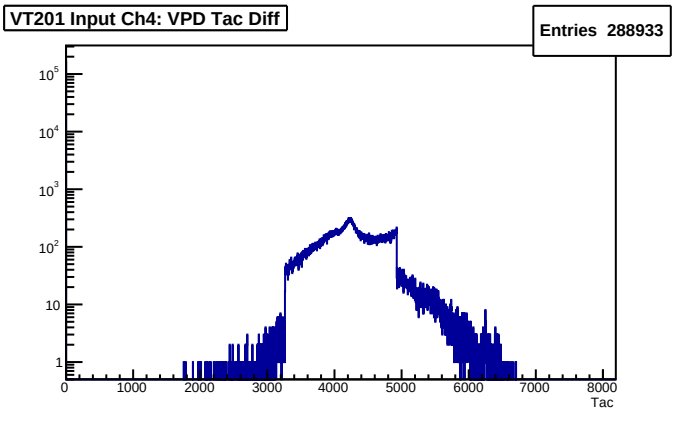

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

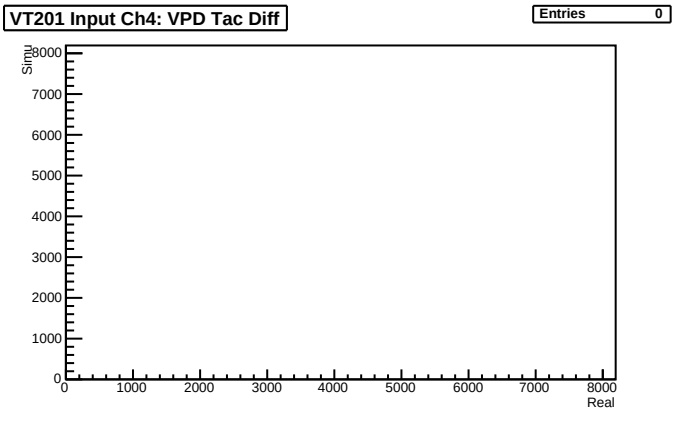

VT201 Input Ch2: ZDC Tac Diff
Entries 288933
Tac

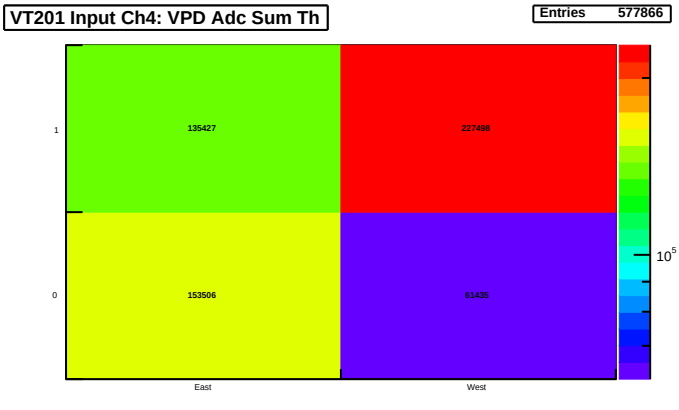

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

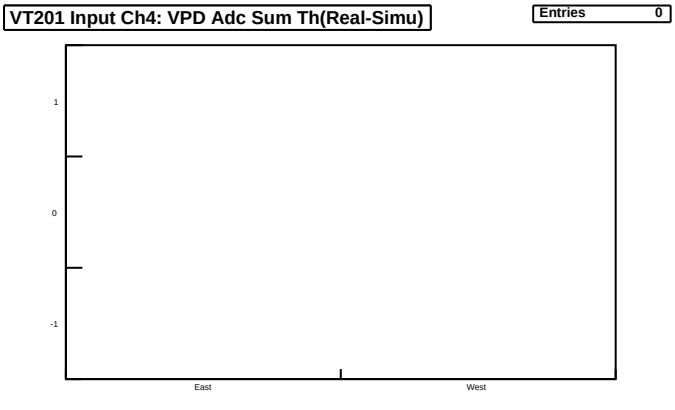

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2311464
5021
1388
15
11
4496
1871
23
22
283912
287545
288918
288922
284437
287062
288910
288911
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

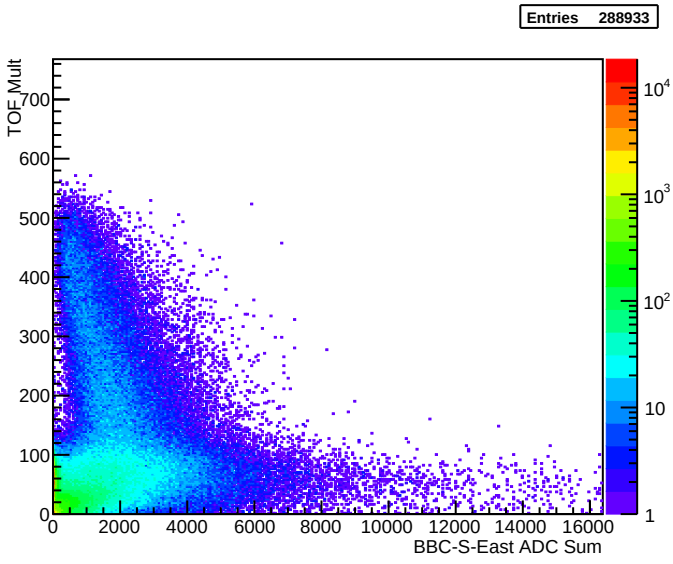

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

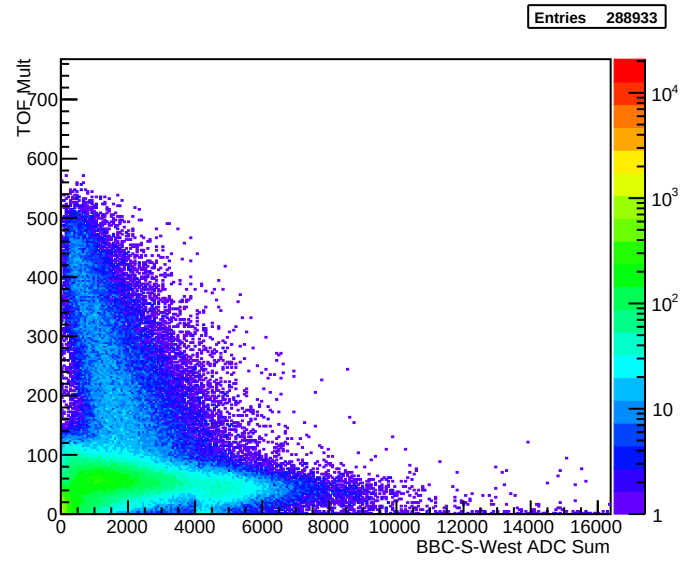

VT201 Input Ch4: VPD Tac Diff
Entries 288933
Tac

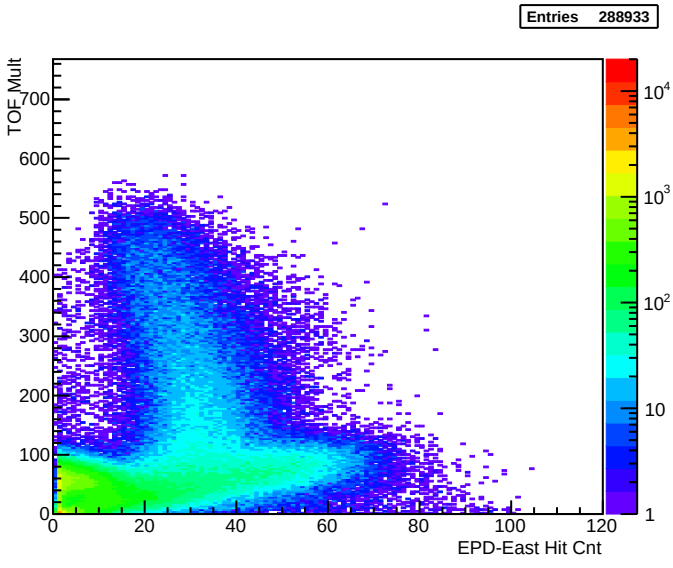

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

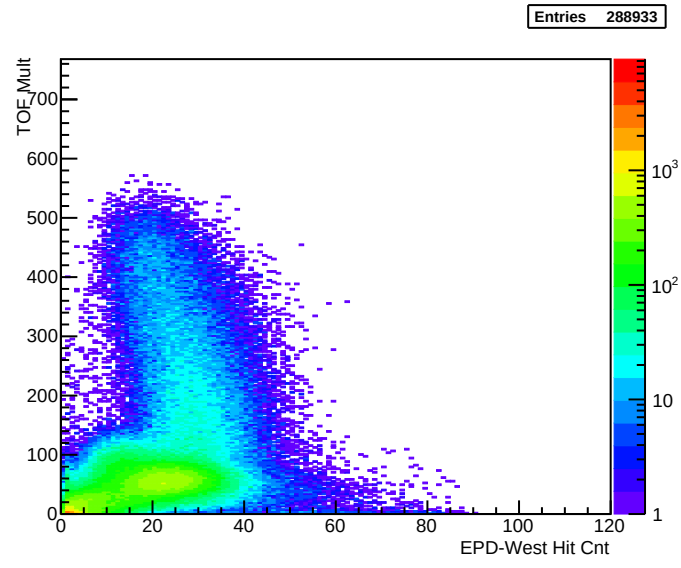

VT201 Input Ch4: VPD Adc Sum Th
Entries 577866
135427
227498
153506
61435
East
West

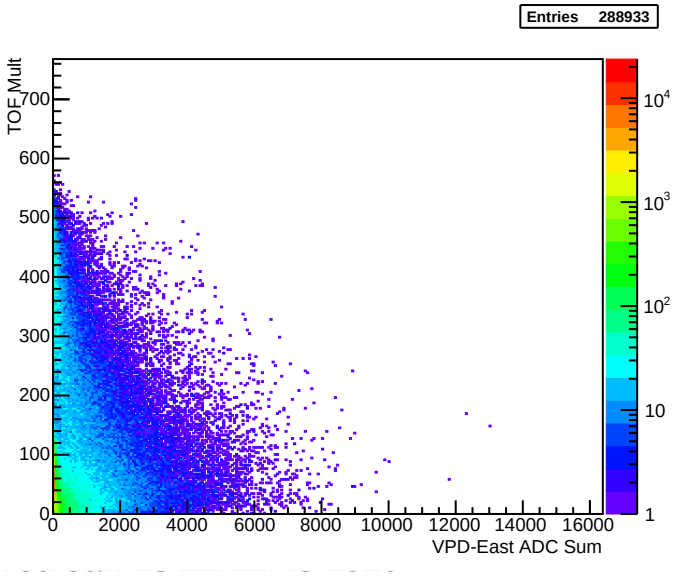

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

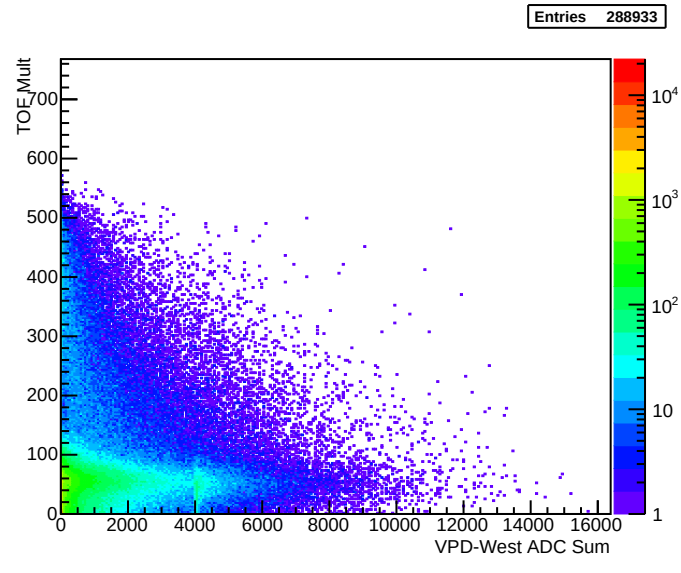

Entries 288933
TOF_Mult
BBC-S-East ADC Sum

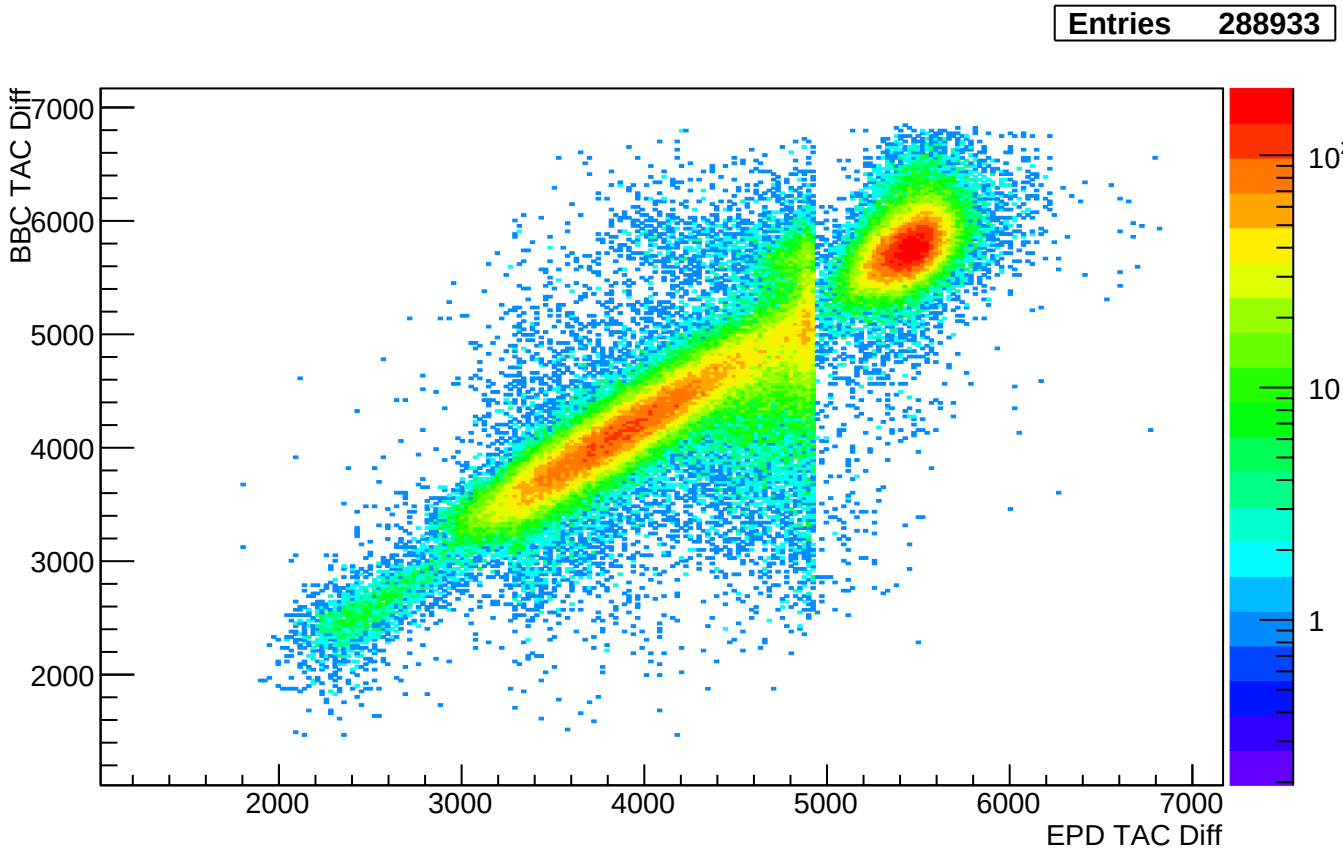

Entries 288933
TOF_Mult
BBC-S-West ADC Sum

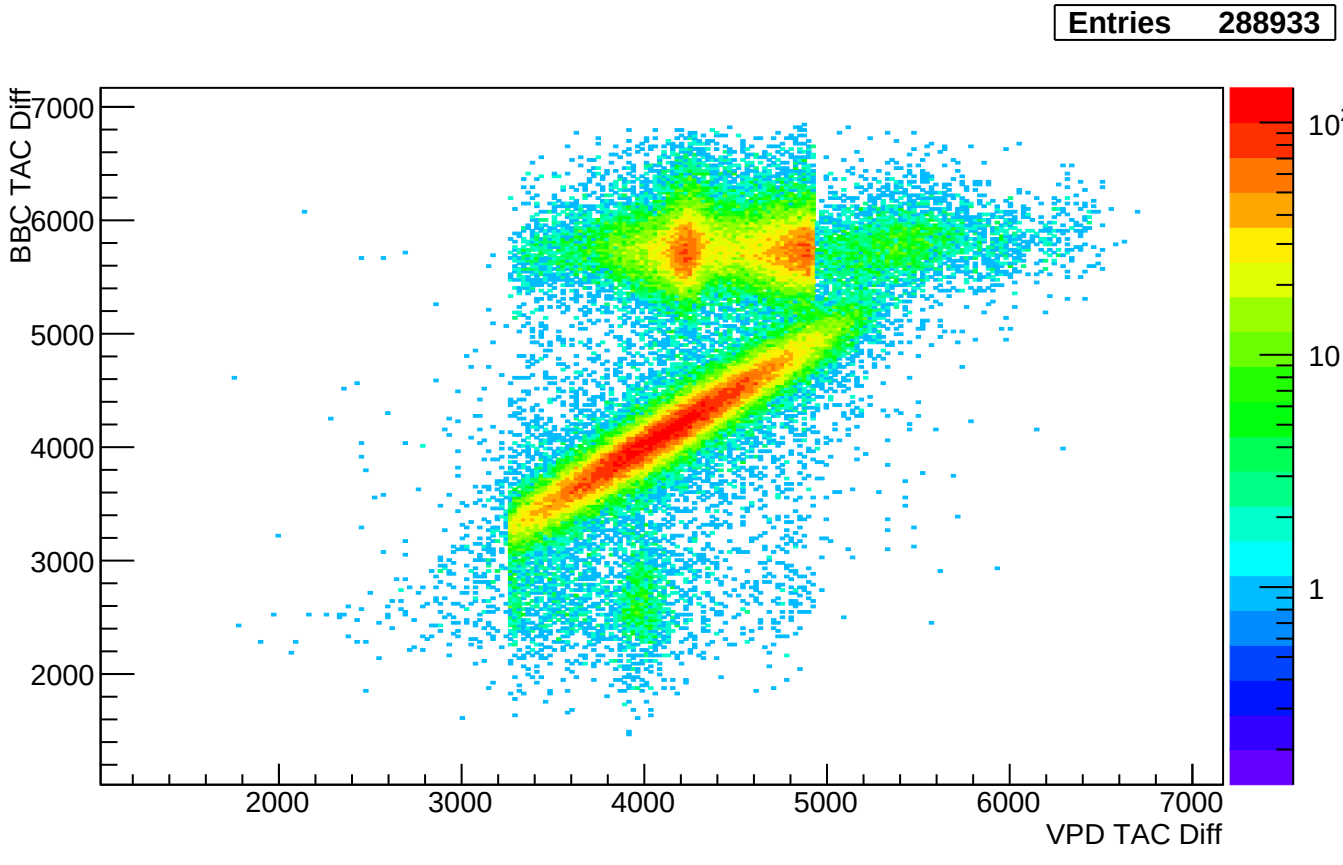

Entries 288933
TOF_Mult
EPD-East Hit Cnt

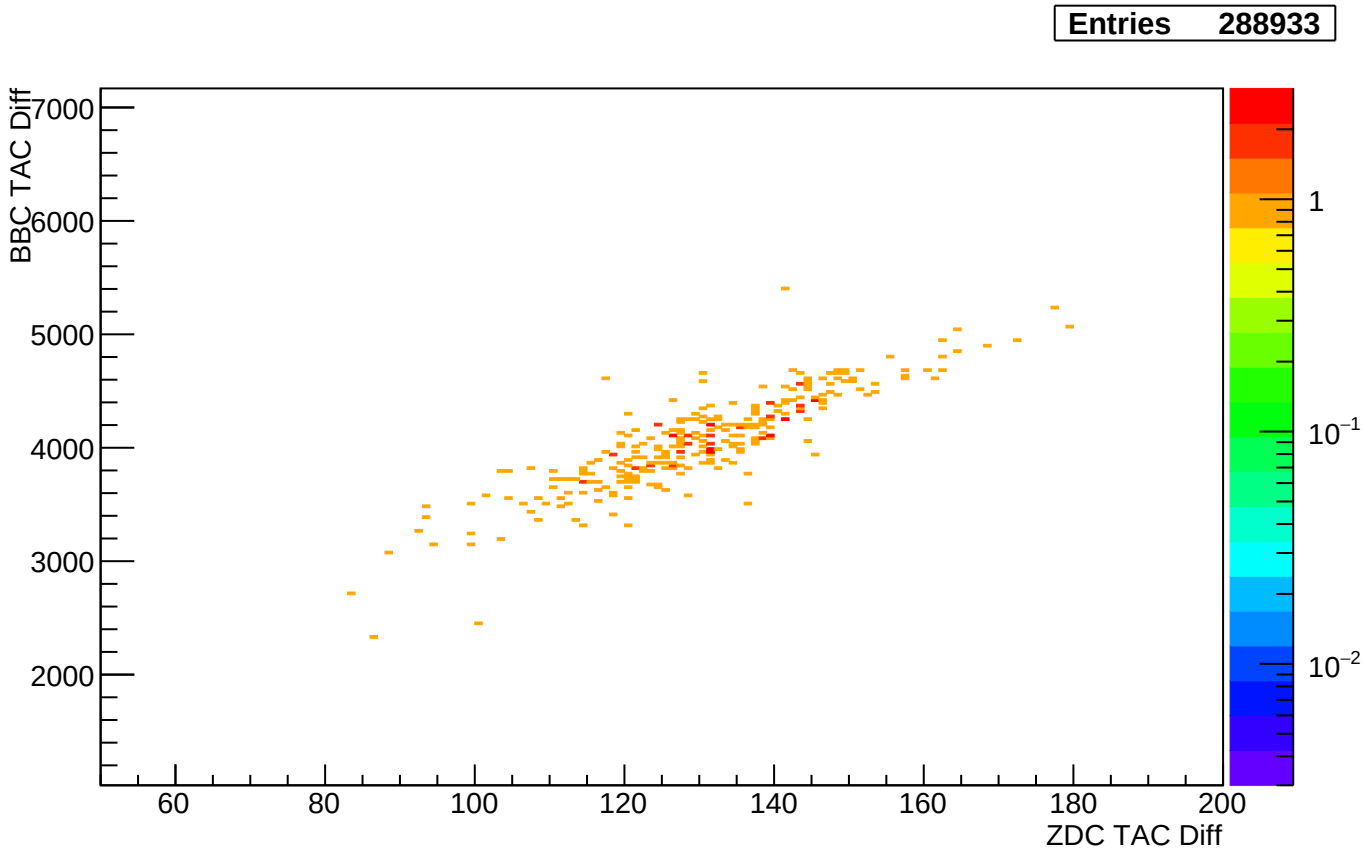

Entries 288933
TOF_Mult
EPD-West Hit Cnt

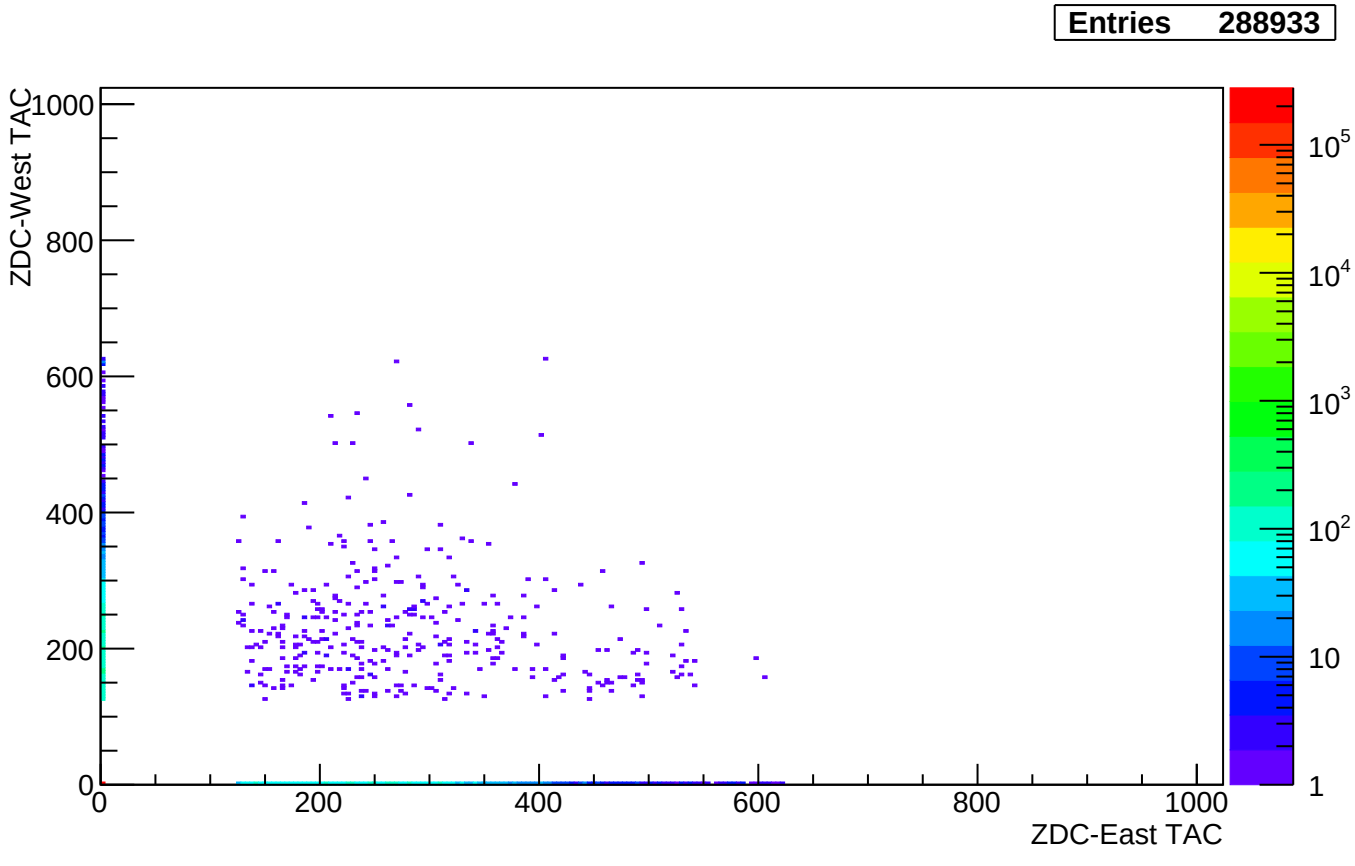

Entries 288933
TOF_Mult
VPD-East ADC Sum

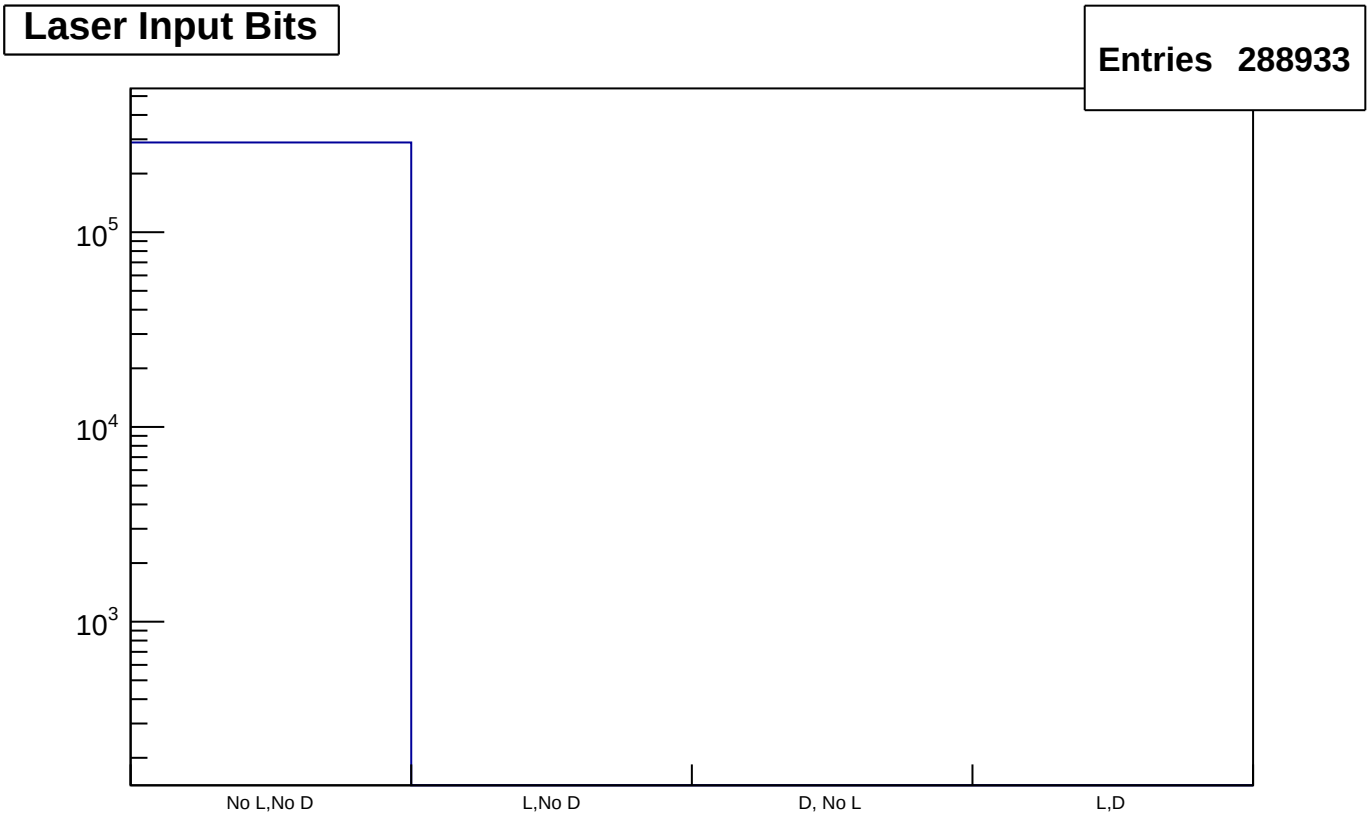

Entries 288933
TOF_Mult
VPD-West ADC Sum

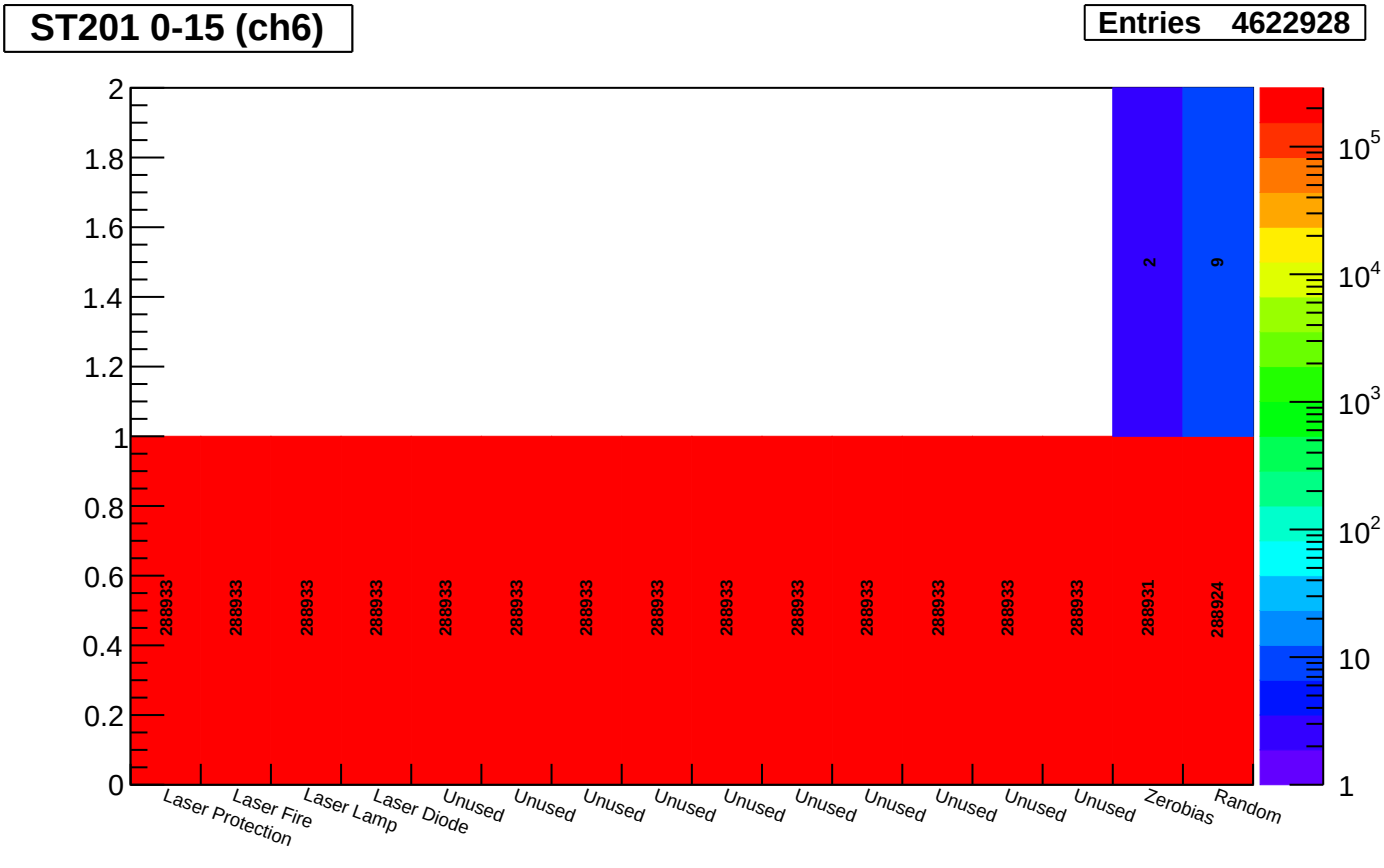

Entries 288933
BBC TAC Diff
EPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
10^2

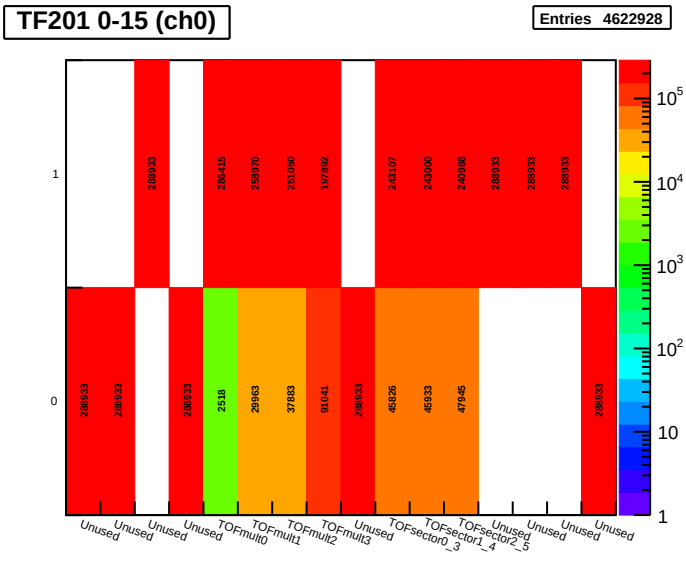

Entries 288933
BBC TAC Diff
VPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
10^2

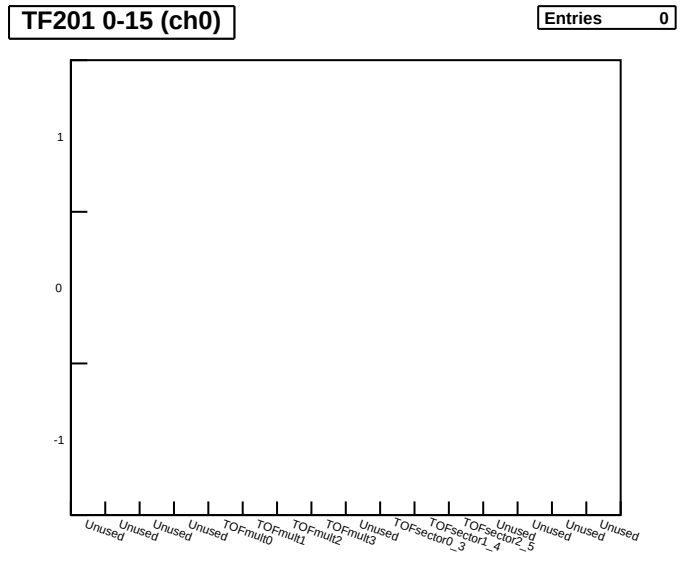

Entries 288933
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

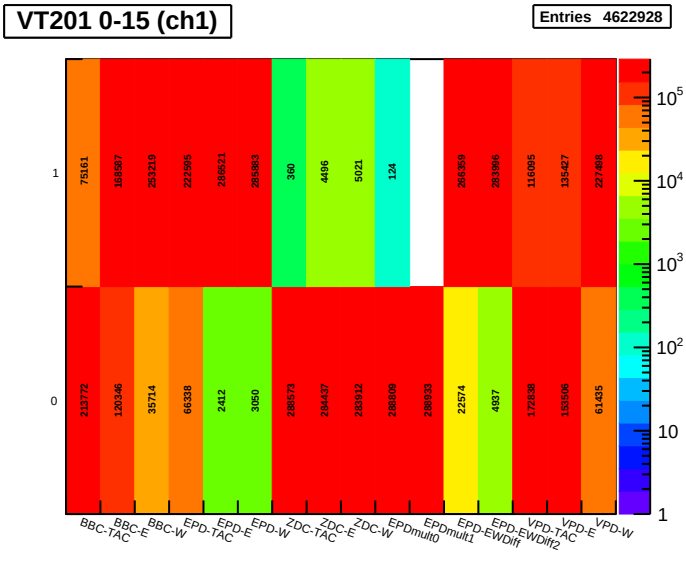

Entries 288933
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

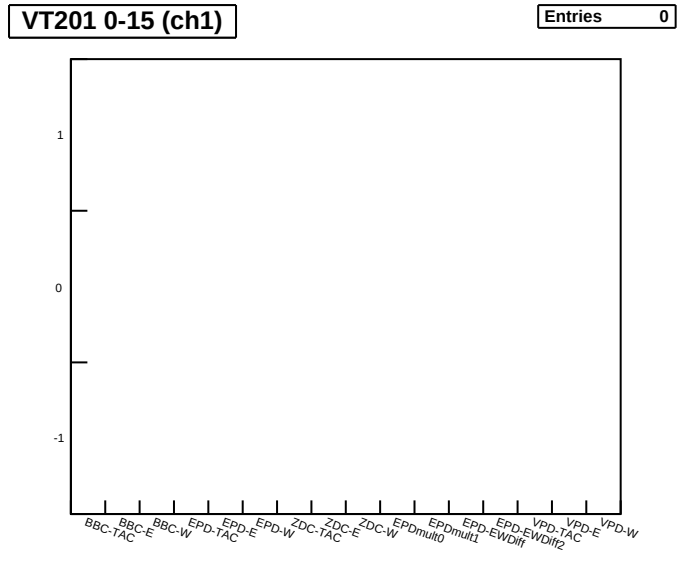

Laser Input Bits
Entries 288933
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

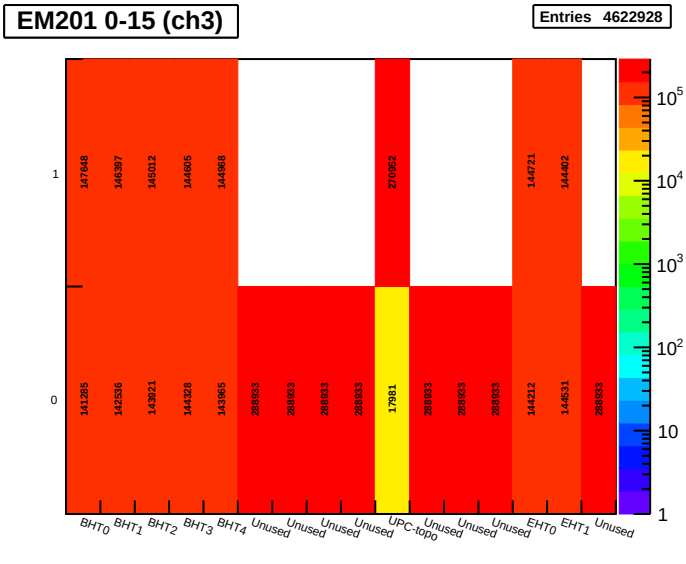

ST201 0-15 (ch6)
Entries 4622928
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
288933
288933
288933
288933
288933
288933
288933
288933
288933
288933
288933
288933
288933
288933
288931
288924
2
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

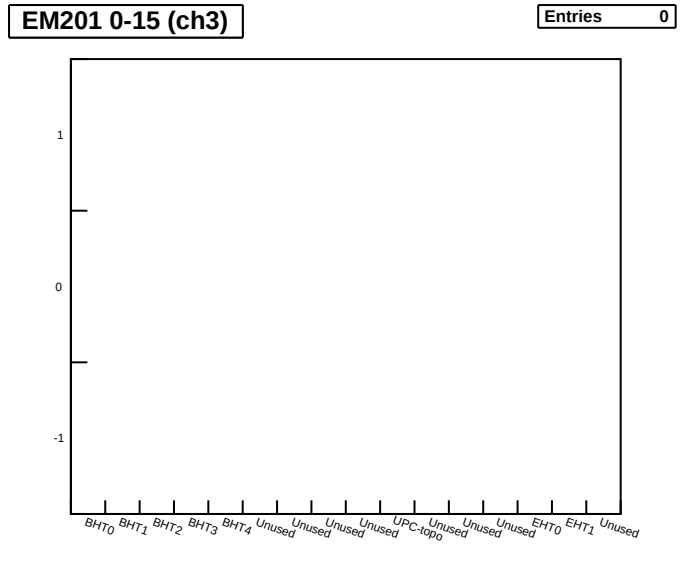

TF201 0-15 (ch0)
Entries 4622928
1
0
288933
286415
258970
251060
197892
243107
243000
240988
288933
288933
288933
288933
288933
2518
29963
37883
91041
45826
45933
47945
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 4622928
1
0
75161
168587
253219
222595
206521
285883
360
4496
5021
124
266359
283996
116095
135427
227498
213772
120346
35714
66338
2412
3050
288573
288437
283912
288809
288933
22574
4937
172838
153506
61435
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 4622928
1
0
147648
146397
145012
144605
144968
270952
144721
144402
141285
142536
143921
144328
143965
288933
288933
288933
288933
17981
288933
288933
288933
144212
144531
288933
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