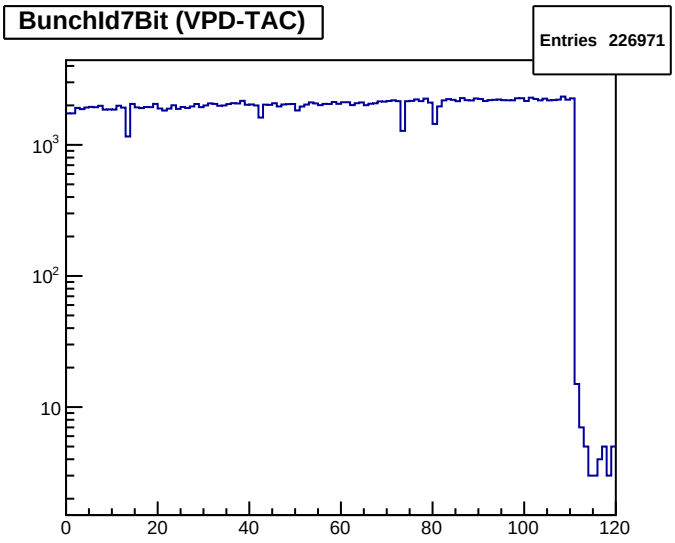
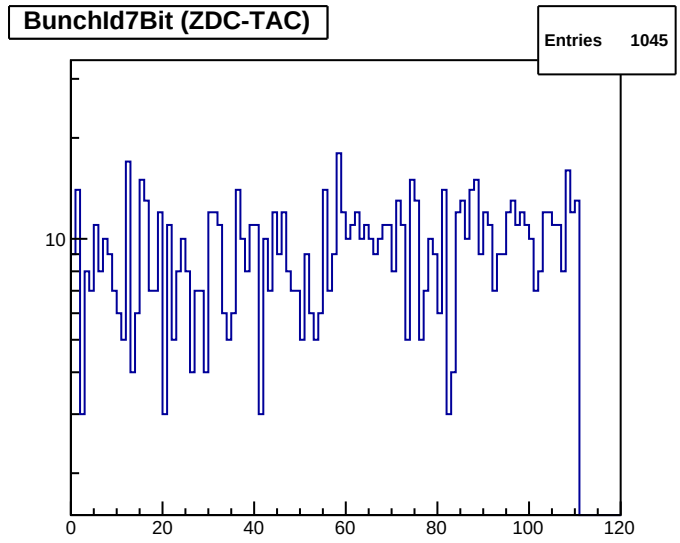
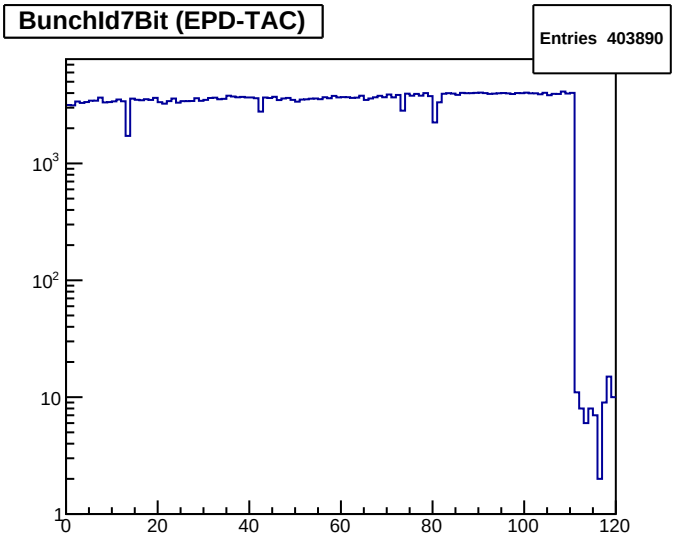
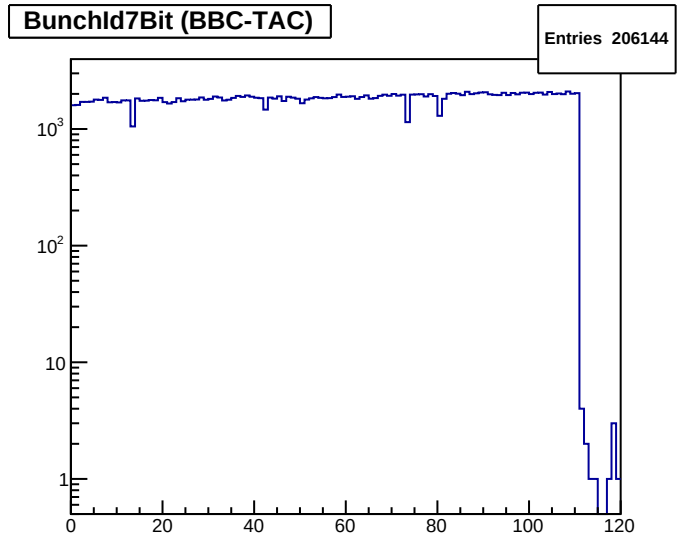
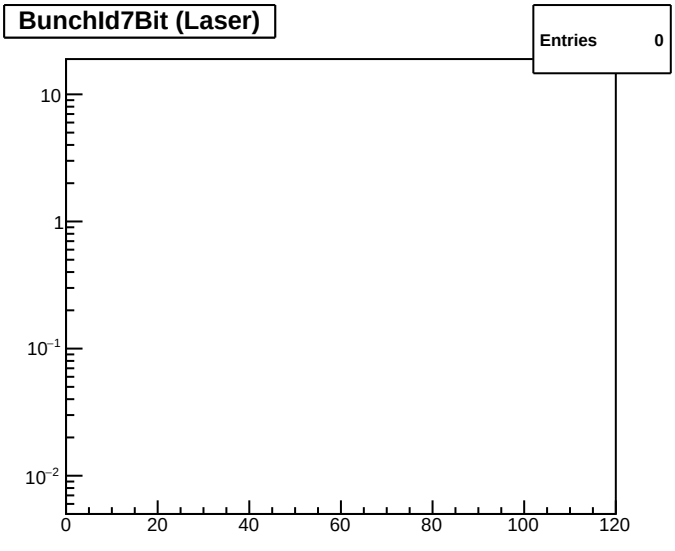
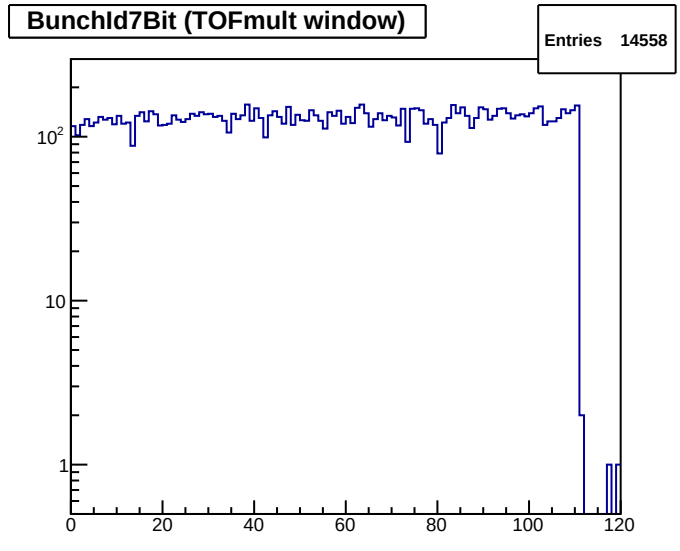

BunchId7Bit (VPD-TAC)
Entries 226971

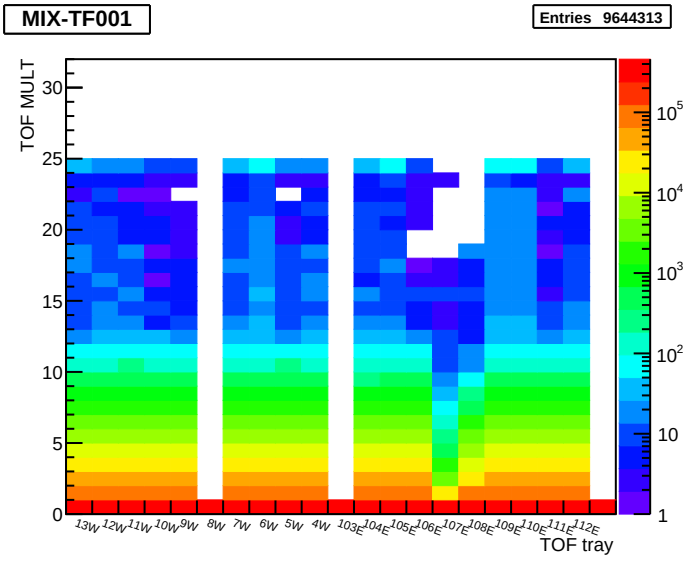

BunchId7Bit (ZDC-TAC)
Entries 1045

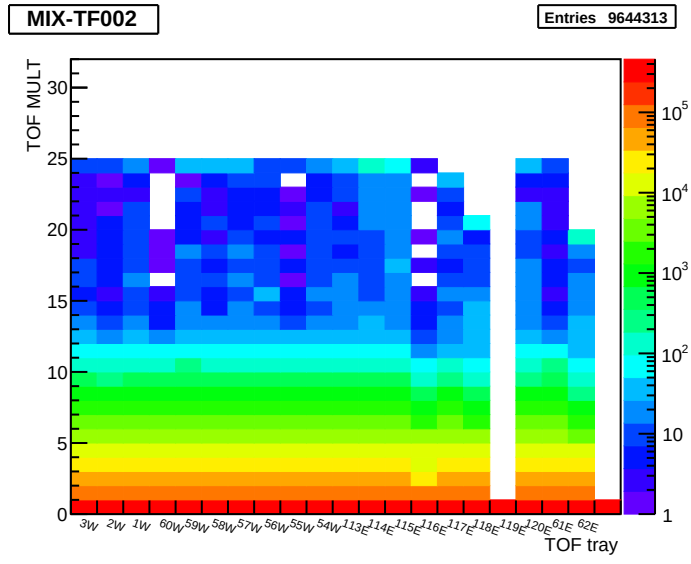

BunchId7Bit (EPD-TAC)
Entries 403890

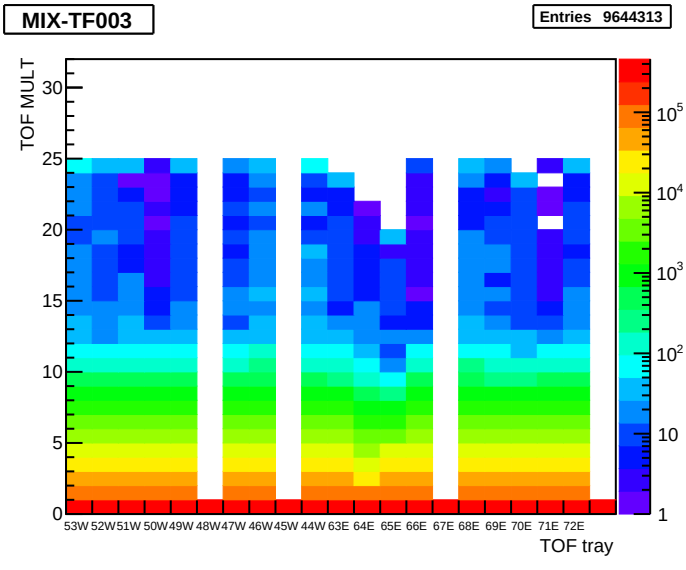

BunchId7Bit (BBC-TAC)
Entries 206144

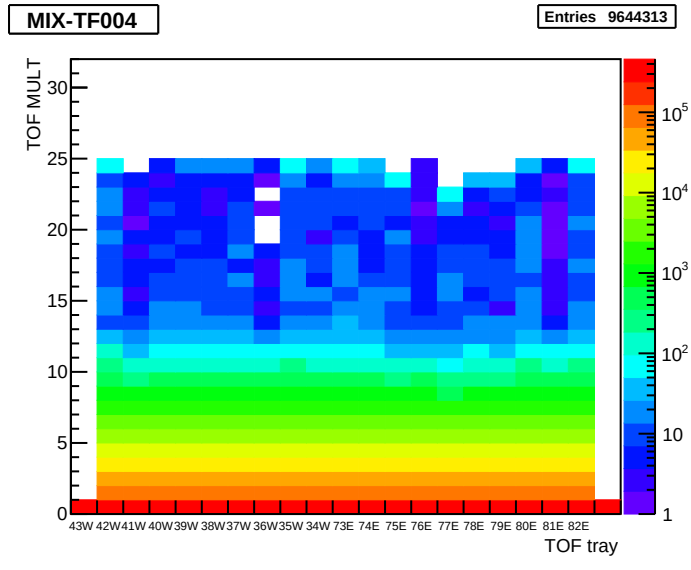

BunchId7Bit (Laser)
Entries 0

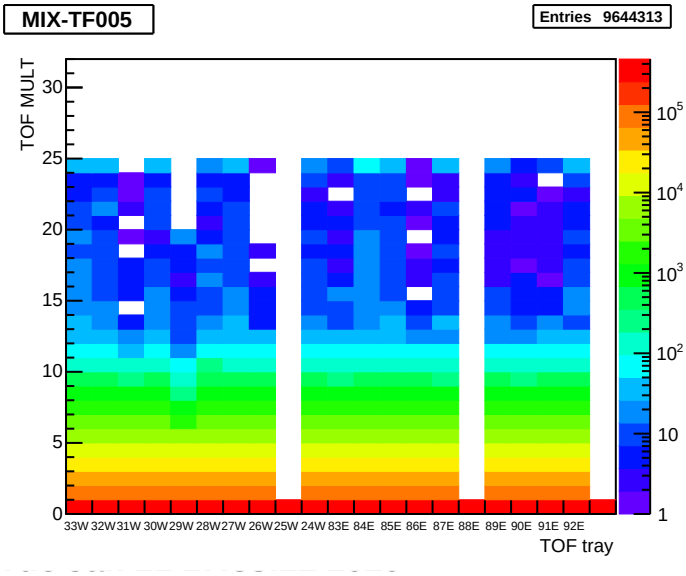

BunchId7Bit (TOFmult window)
Entries 14558

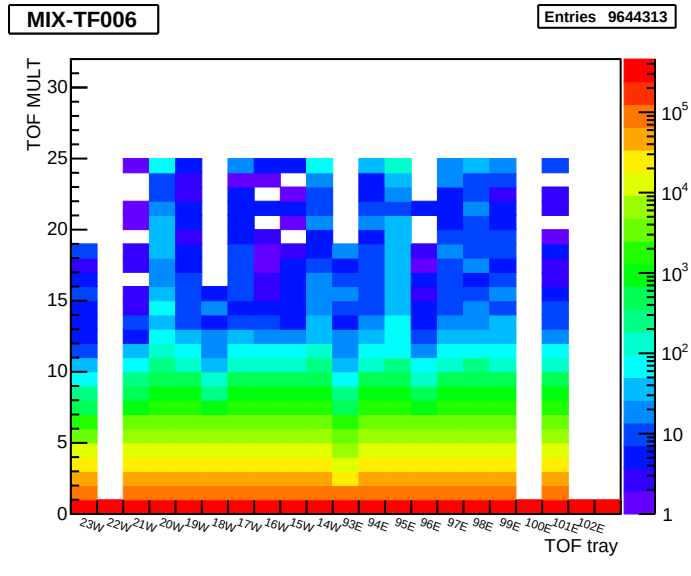

MIX-TF001
Entries 9644313
TOF MULT
TOF tray

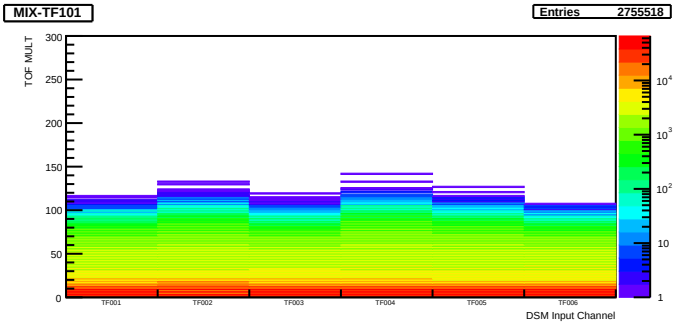

MIX-TF002
Entries 9644313
TOF MULT
TOF tray

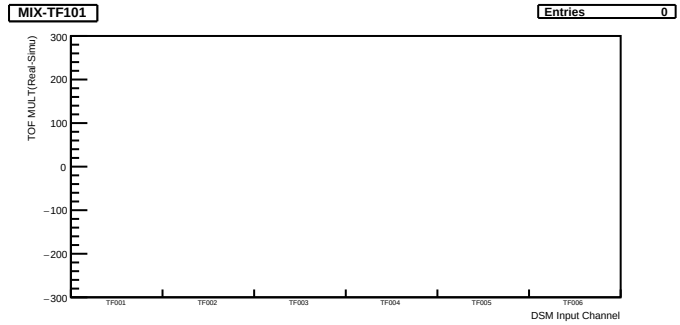

MIX-TF003
Entries 9644313
TOF MULT
TOF tray

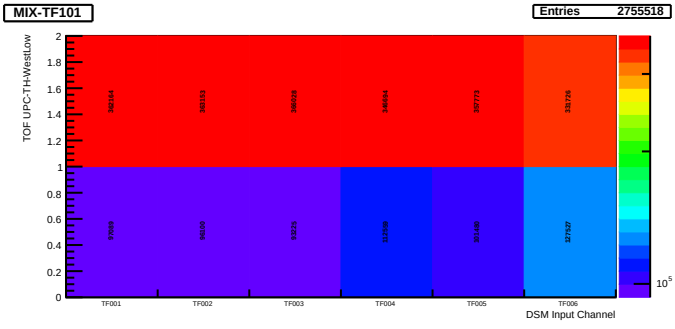

MIX-TF004
Entries 9644313
TOF MULT
TOF tray

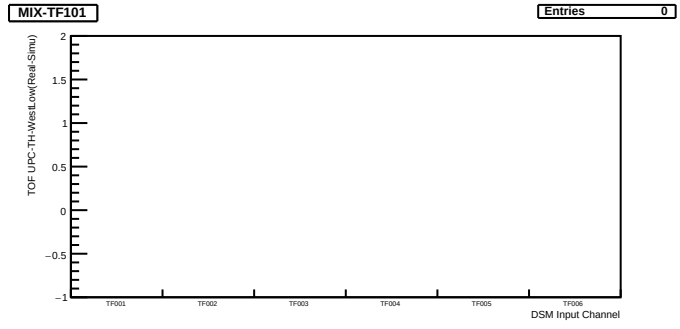

MIX-TF005
Entries 9644313
TOF MULT
TOF tray

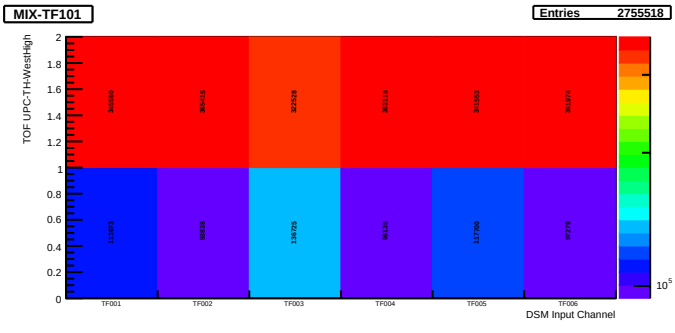

MIX-TF006
Entries 9644313
TOF MULT
TOF tray

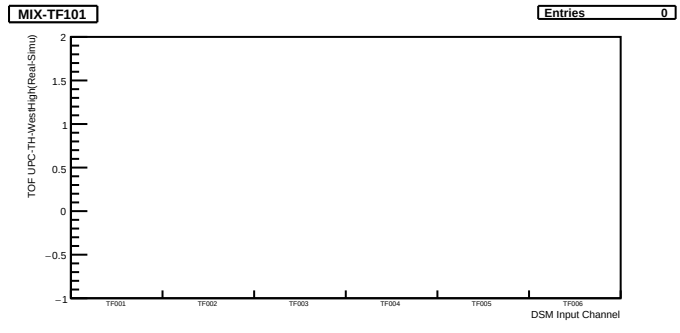

MIX-TF101
Entries 2755518
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

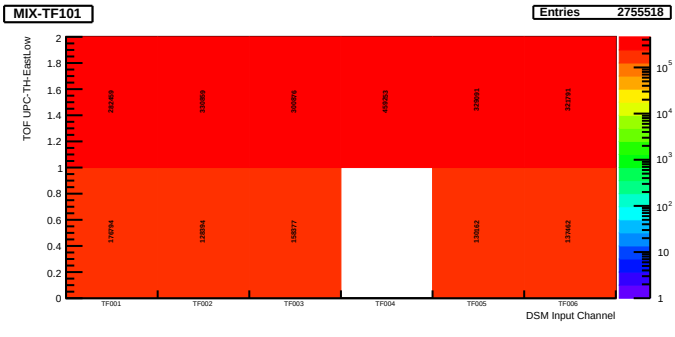

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

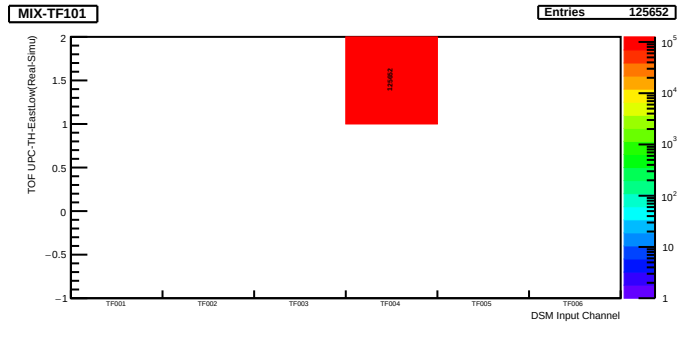

MIX-TF101
Entries 2755518
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

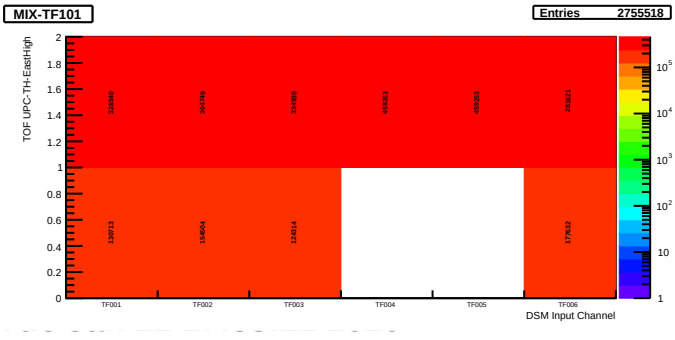

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

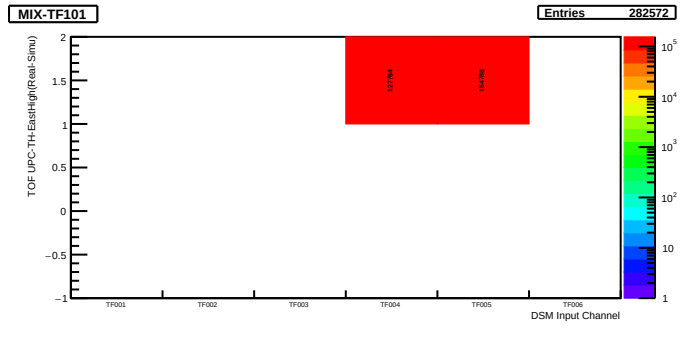

MIX-TF101
Entries 2755518
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

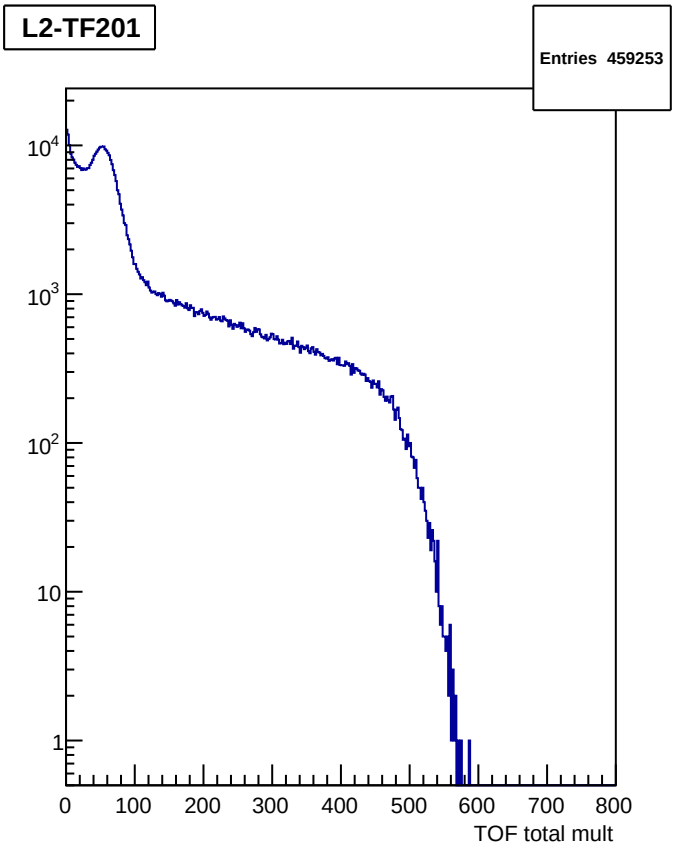

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

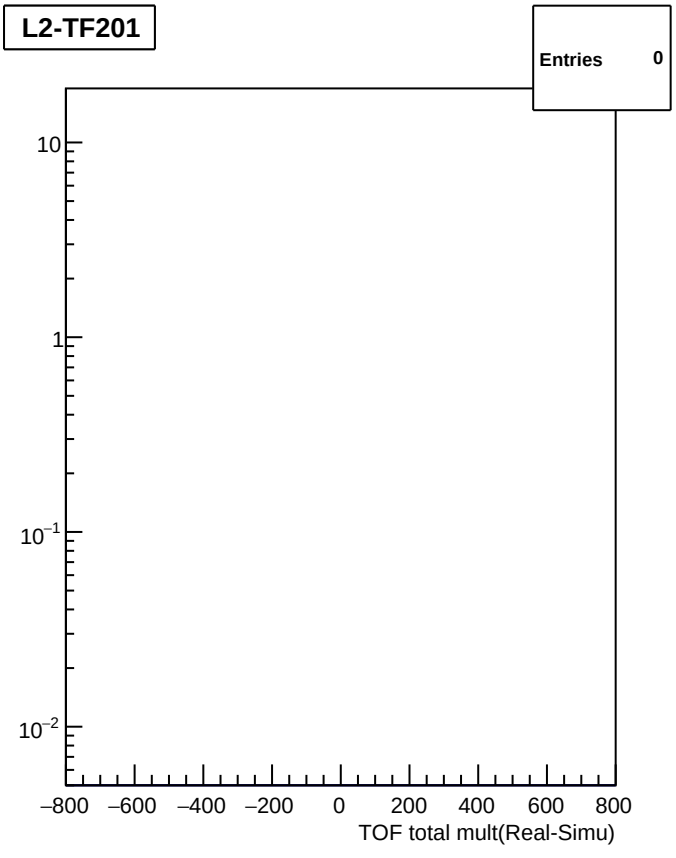

MIX-TF101
Entries 2755518
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

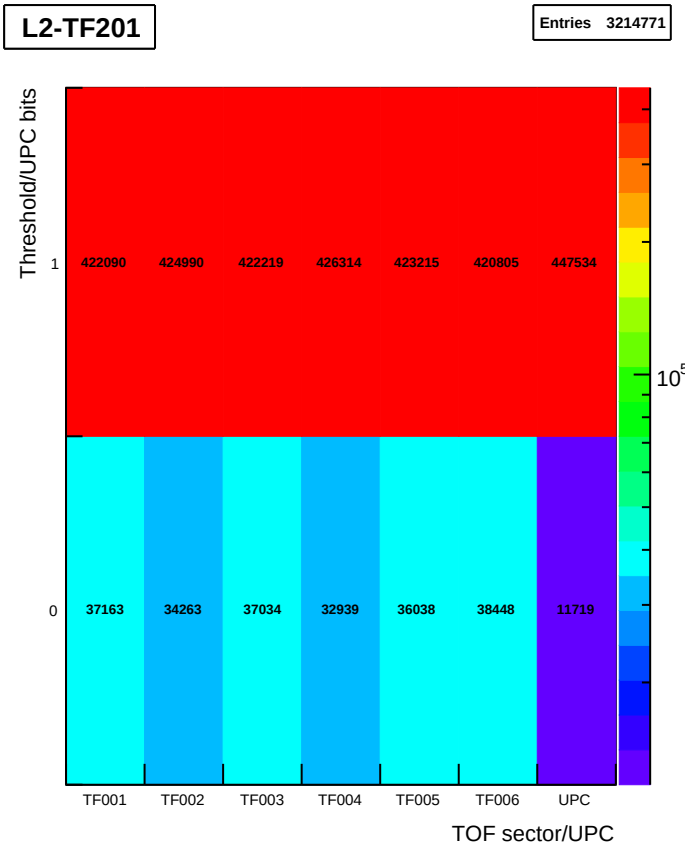

MIX-TF101
Entries 125652
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

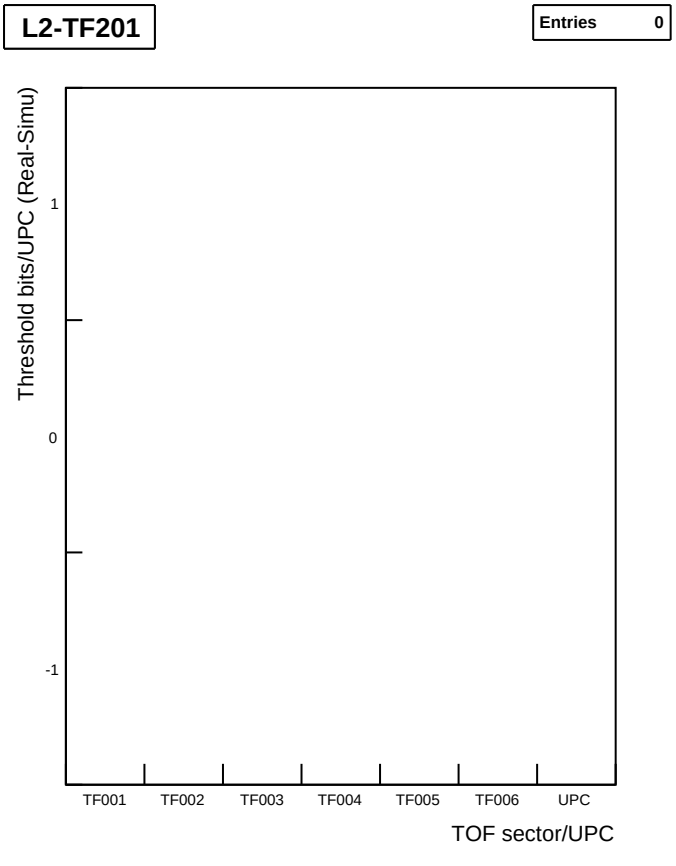

MIX-TF101
Entries 2755518
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

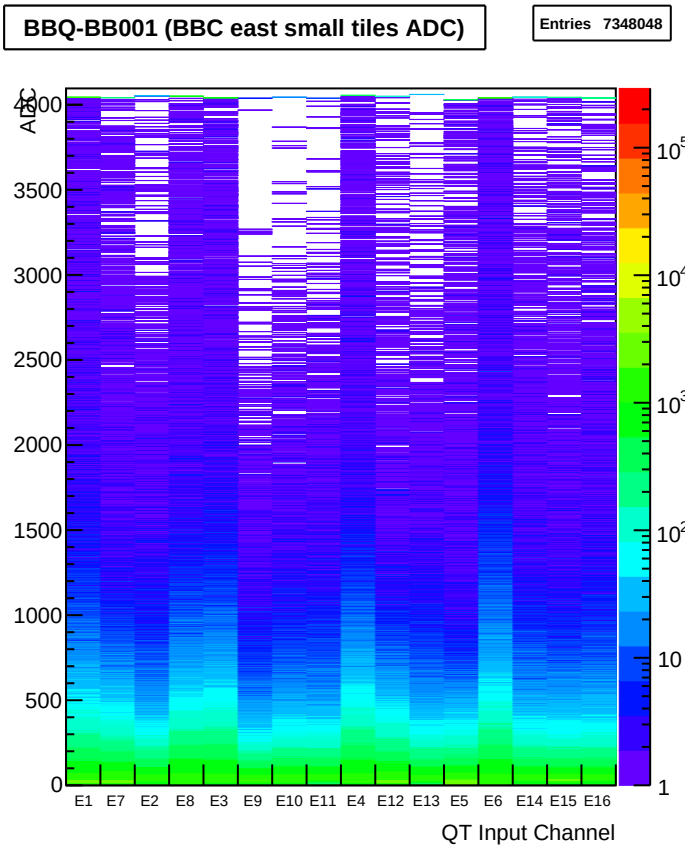

MIX-TF101
Entries 282572
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

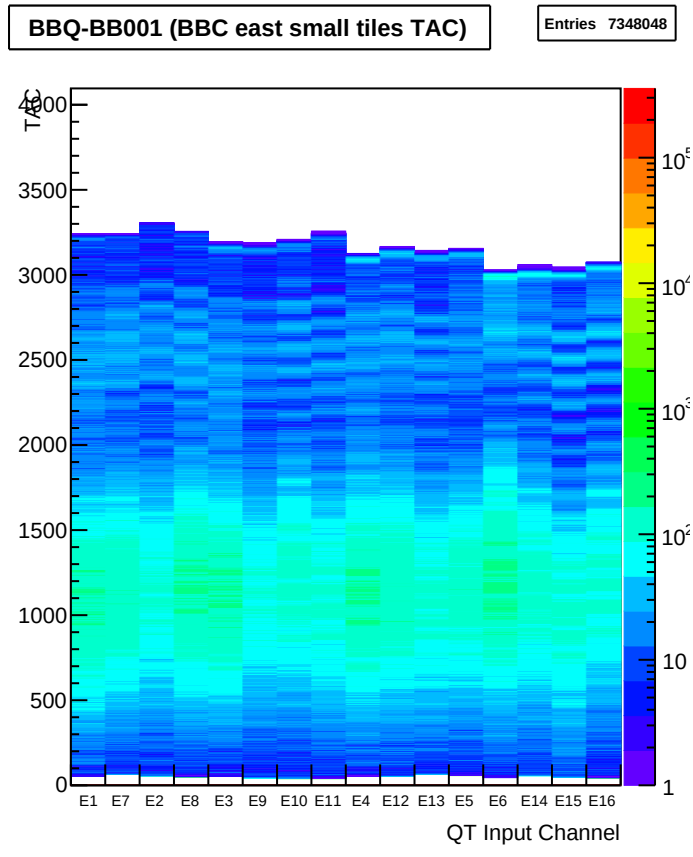

L2-TF201
Entries 459253
TOF total mult

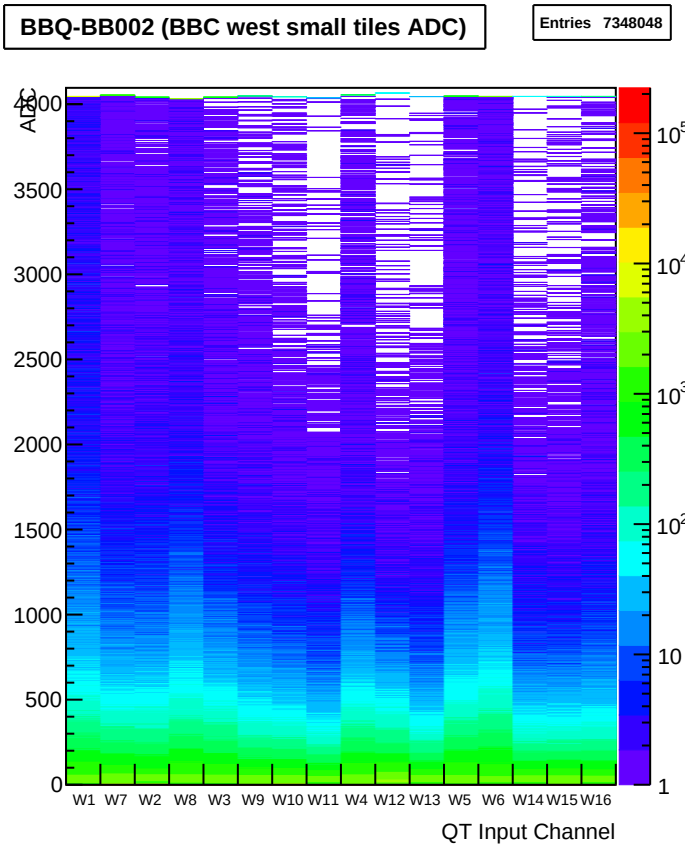

L2-TF201
Entries 0
TOF total mult(Real-Simu)

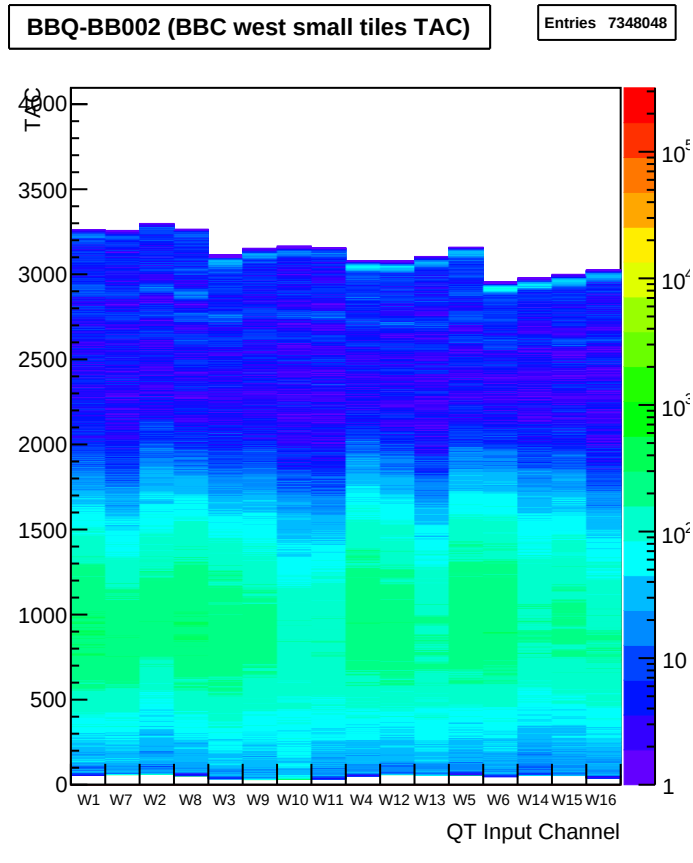

L2-TF201
Entries 3214771
Threshold/UPC bits
422090
424990
422219
426314
423215
420805
447534
37163
34263
37034
32939
36038
38448
11719
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

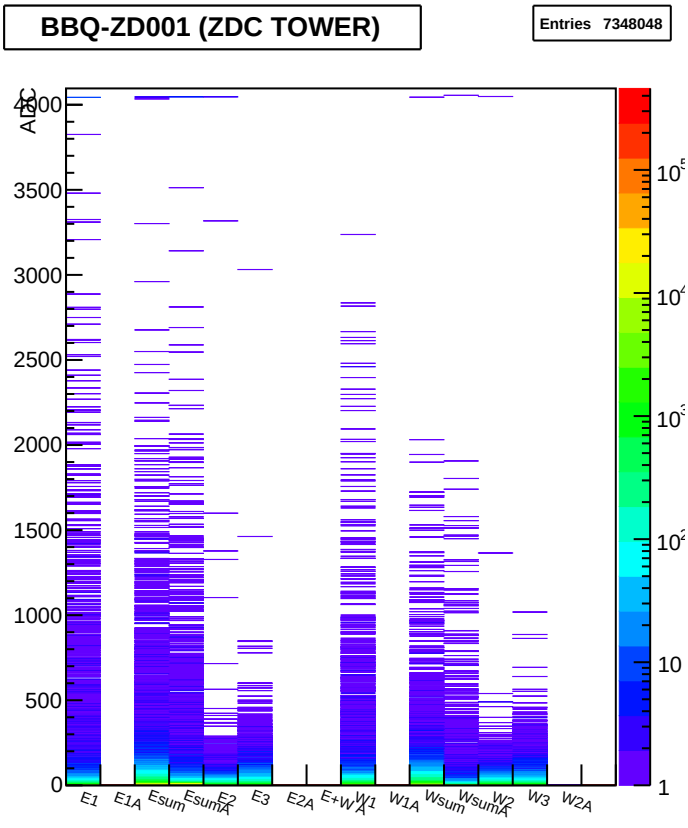

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

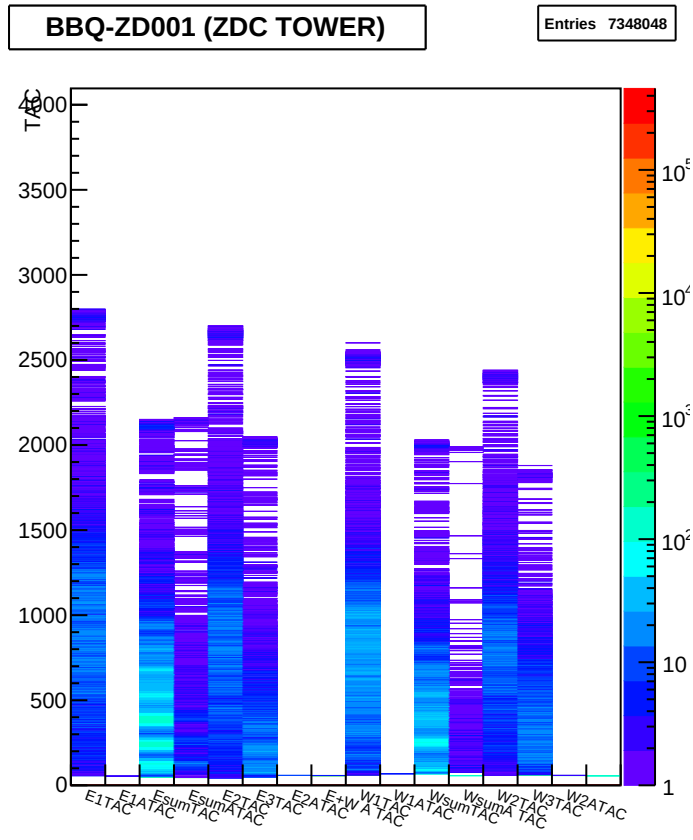

BBQ-BB001 (BBC east small tiles ADC)
Entries 7348048
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

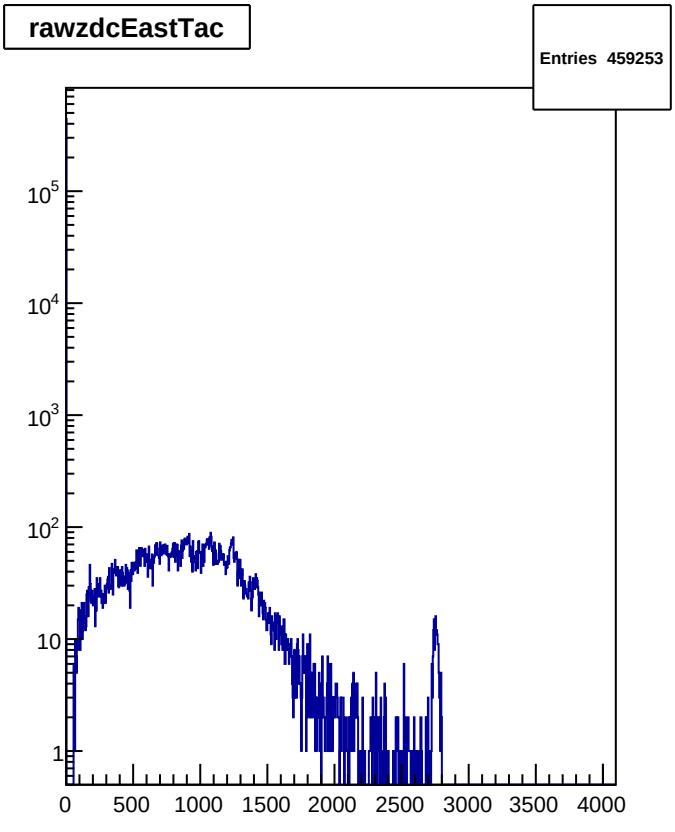

BBQ-BB001 (BBC east small tiles TAC)
Entries 7348048
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

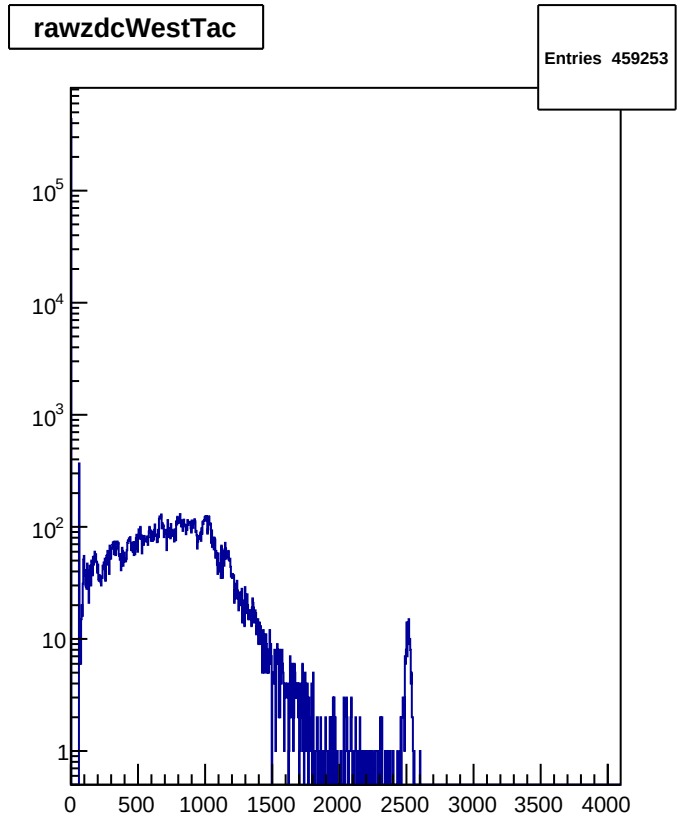

BBQ-BB002 (BBC west small tiles ADC)
Entries 7348048
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

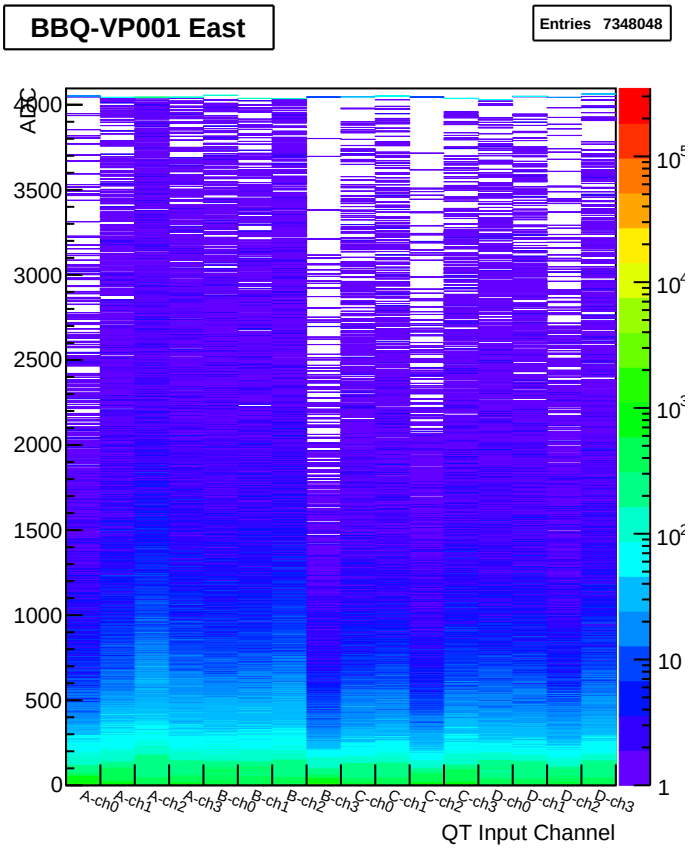

BBQ-BB002 (BBC west small tiles TAC)
Entries 7348048
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

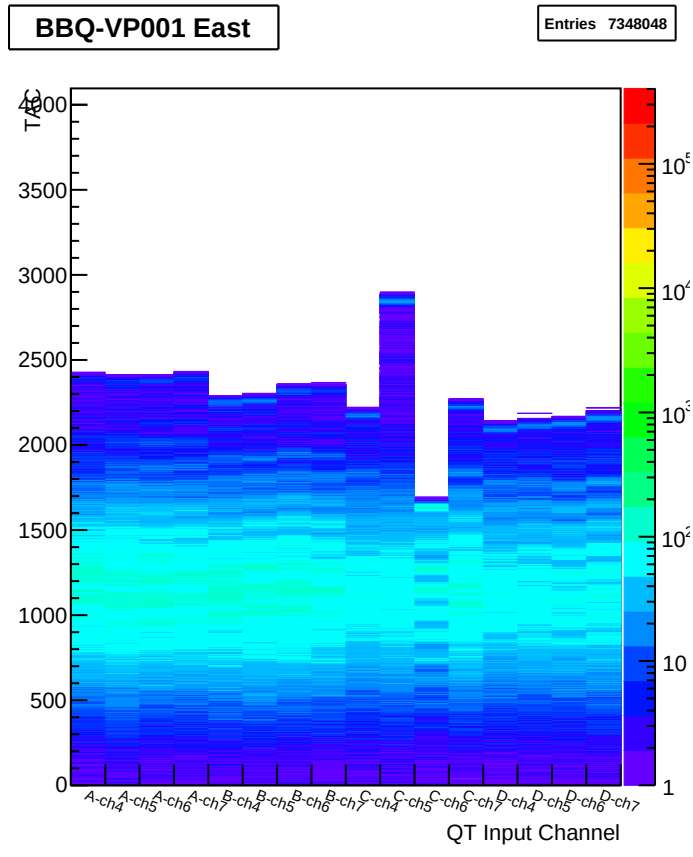

BBQ-ZD001 (ZDC TOWER)
Entries 7348048
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

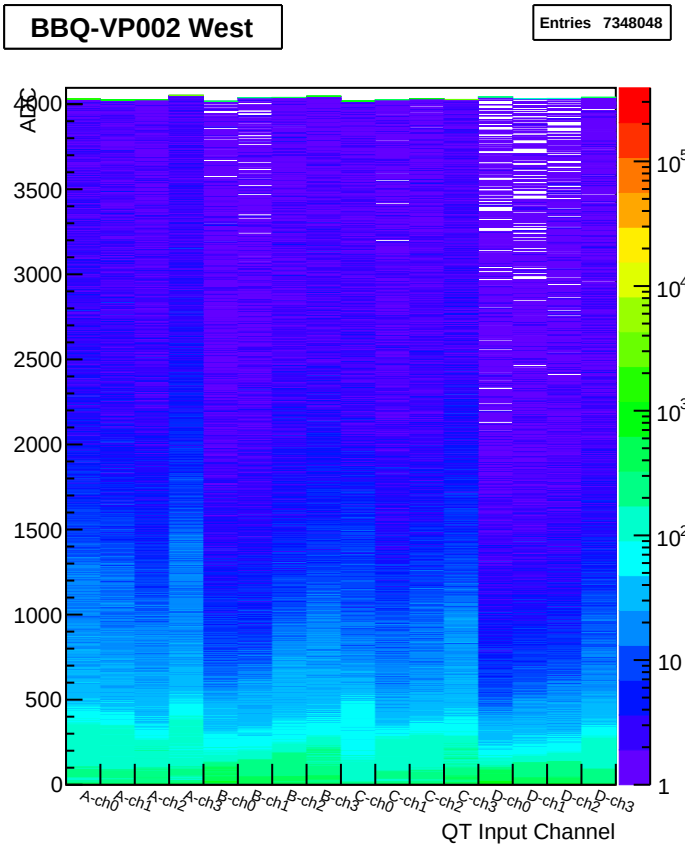

BBQ-ZD001 (ZDC TOWER)
Entries 7348048
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

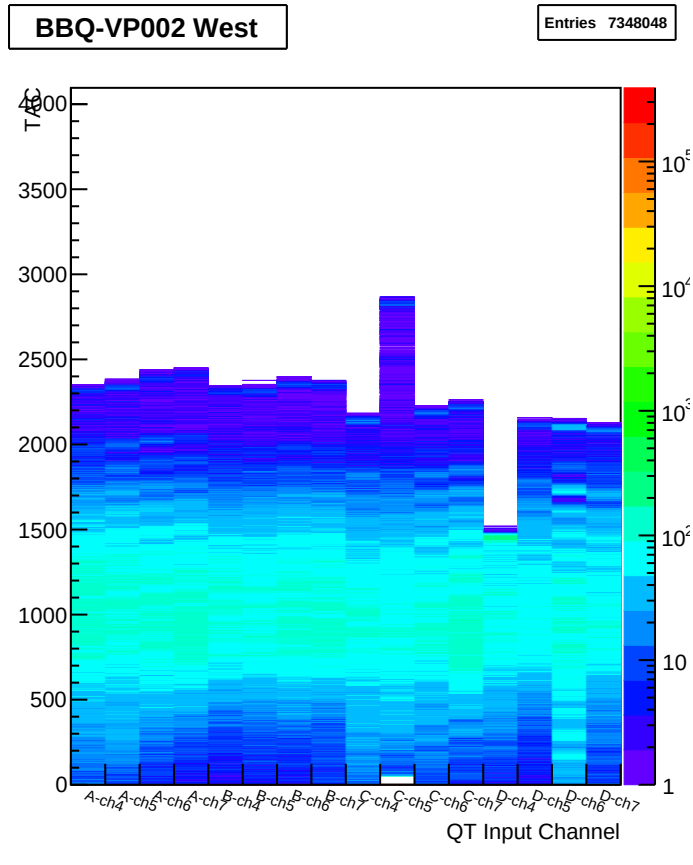

rawzdcEastTac
Entries 459253

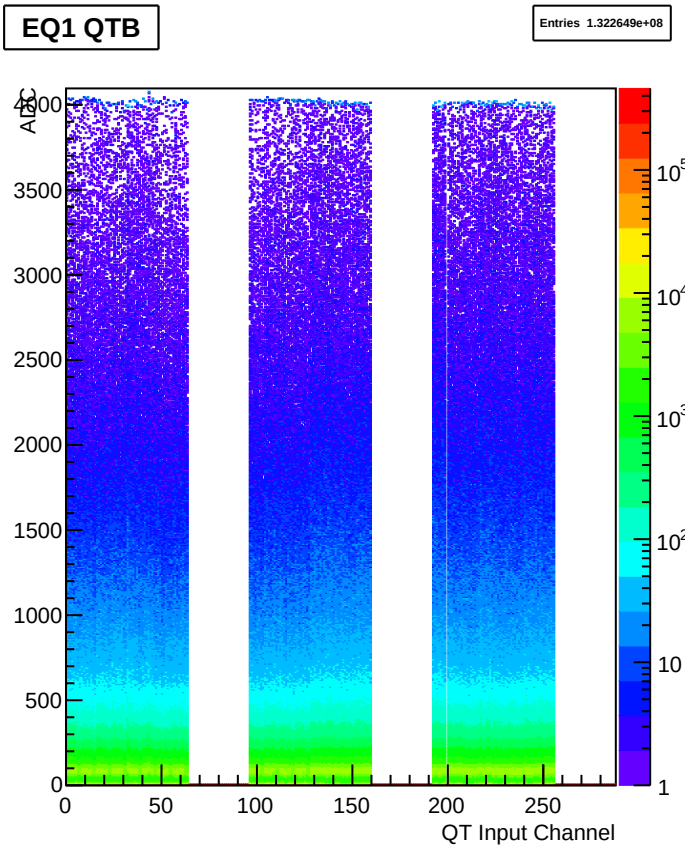

rawzdcWestTac
Entries 459253

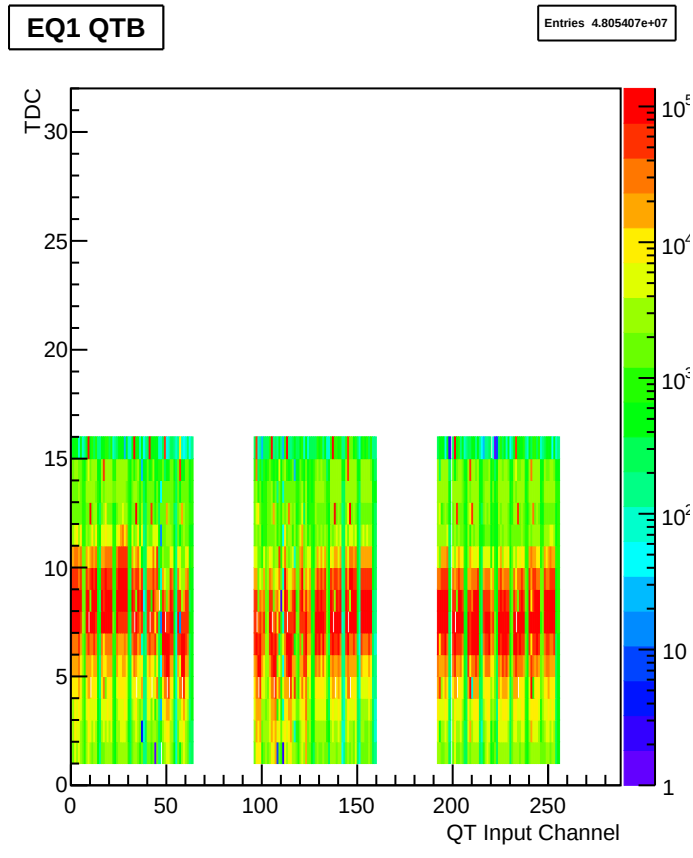

BBQ-VP001 East
Entries 7348048
ADC
QT Input Channel

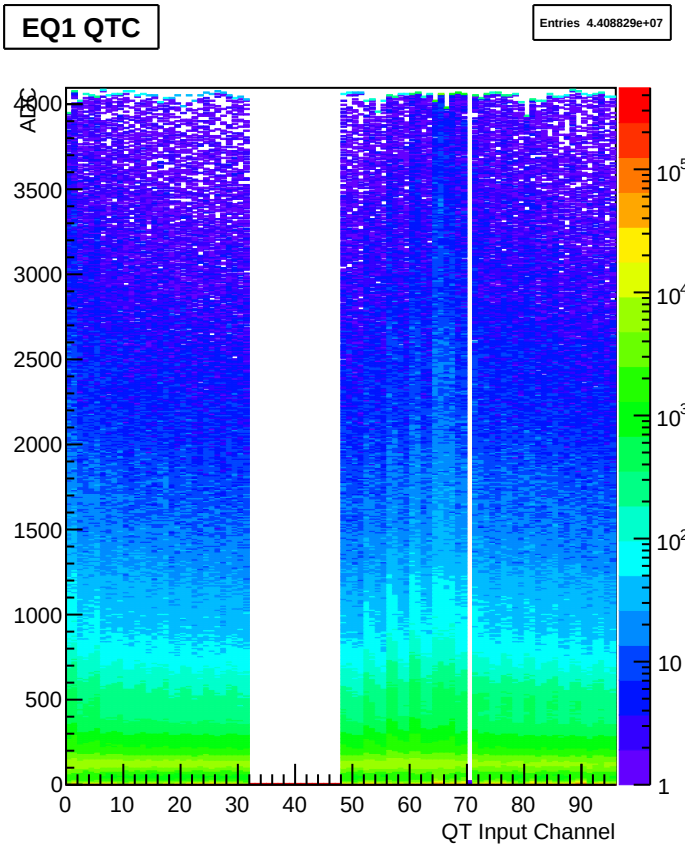

BBQ-VP001 East
Entries 7348048
ADC
QT Input Channel

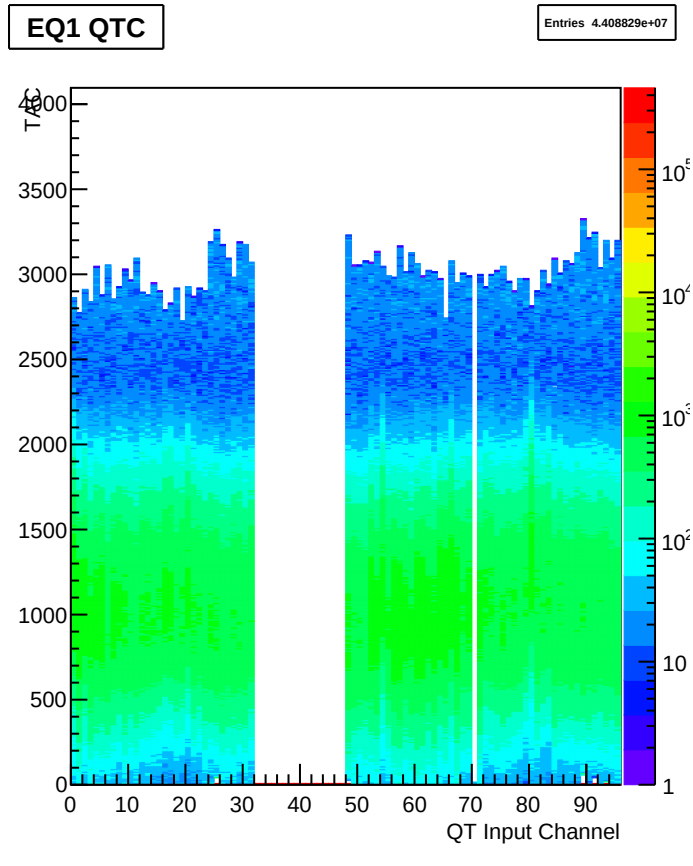

BBQ-VP002 West
Entries 7348048
ADC
QT Input Channel

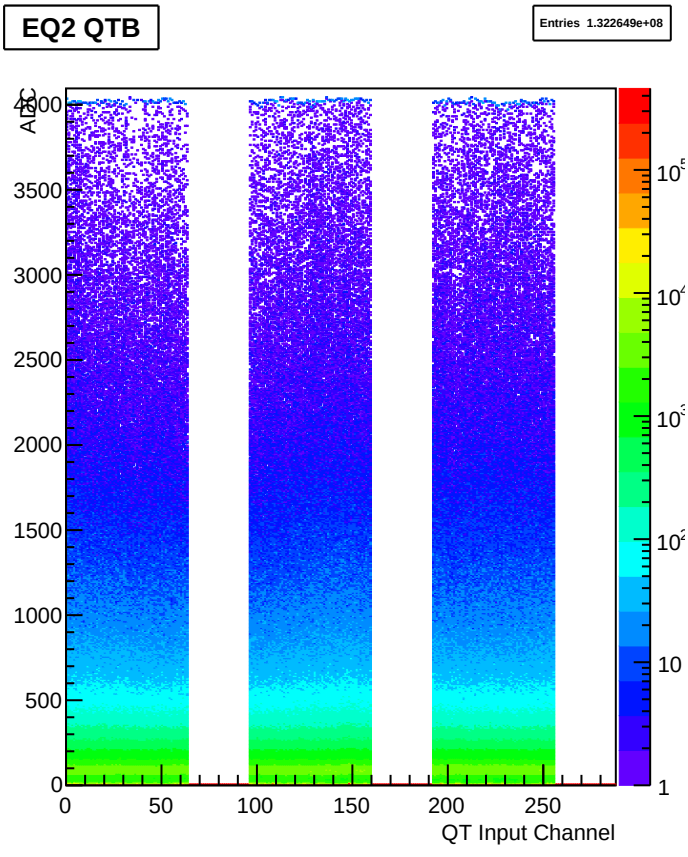

BBQ-VP002 West
Entries 7348048
ADC
QT Input Channel

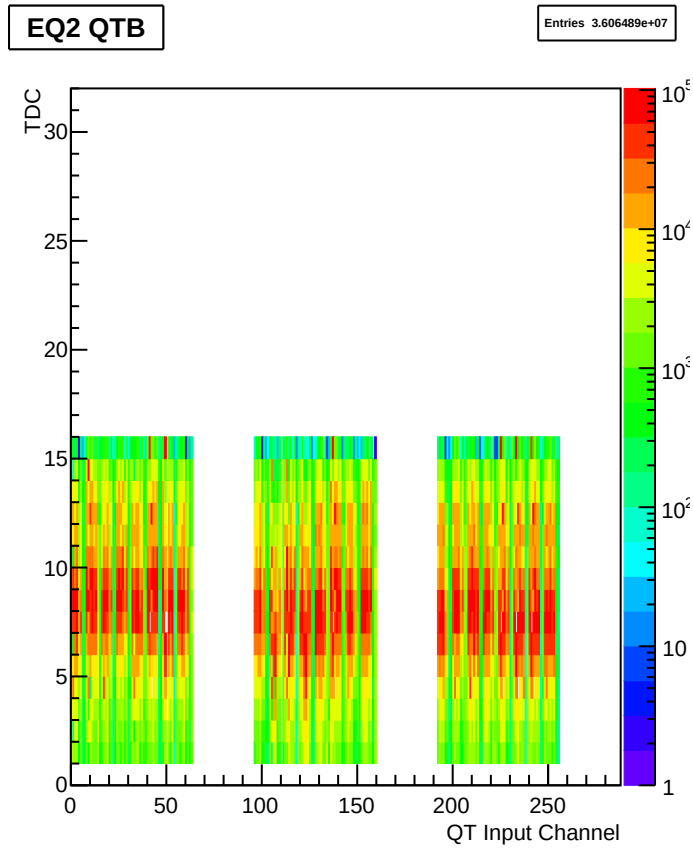

EQ1 QTB
Entries 1.322649e+08
ADC
QT Input Channel

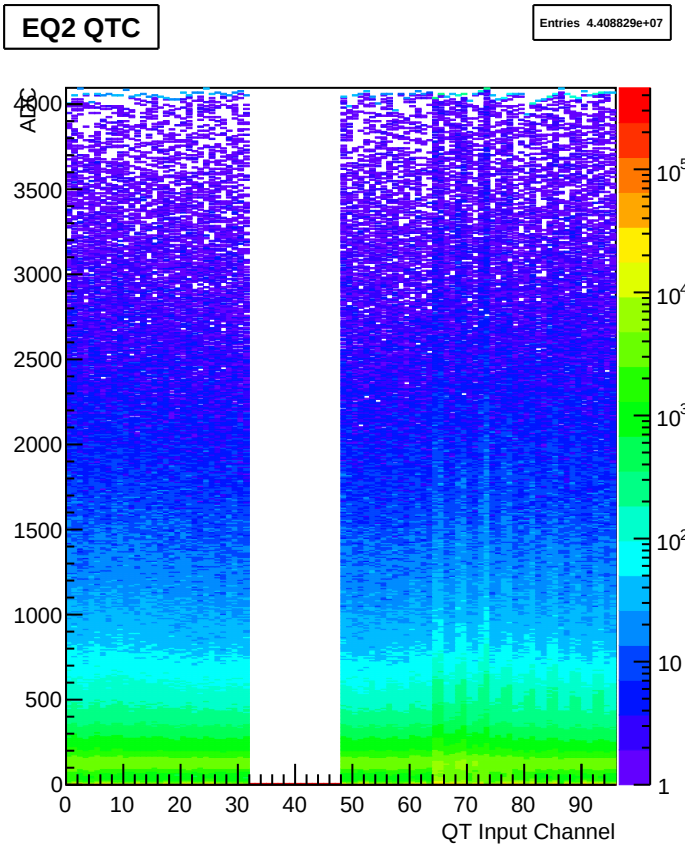

EQ1 QTB
Entries 4.805407e+07
TDC
QT Input Channel

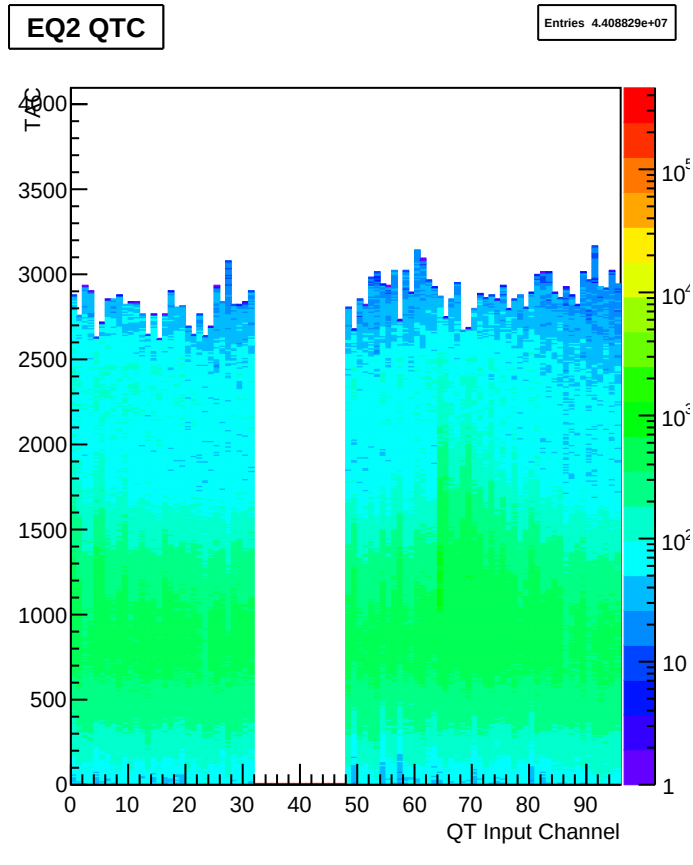

EQ1 QTC
Entries 4.408829e+07
ADC
QT Input Channel

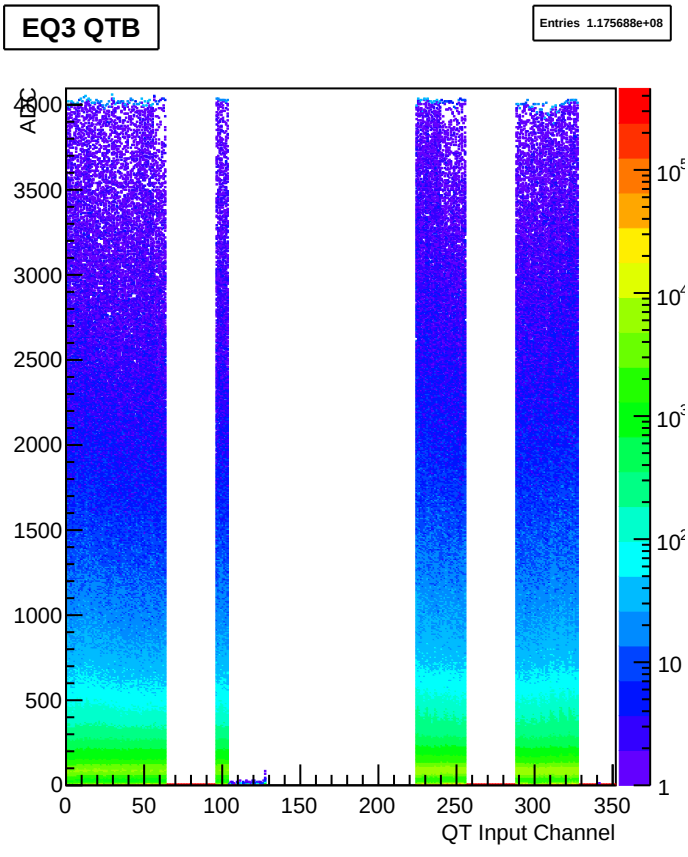

EQ1 QTC
Entries 4.408829e+07
TADC
QT Input Channel

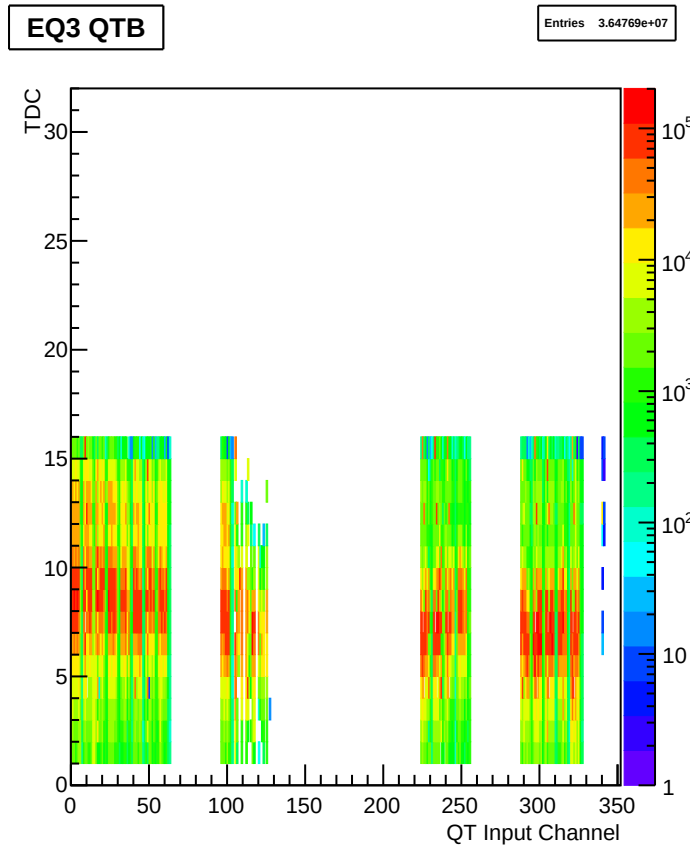

EQ2 QTB
Entries 1.322649e+08
ADC
QT Input Channel

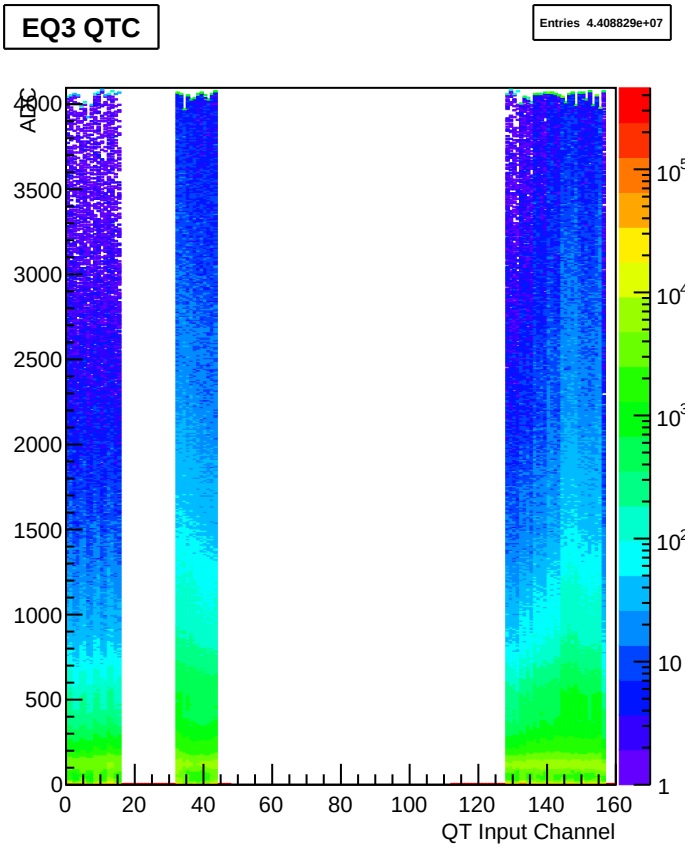

EQ2 QTB
Entries 3.606489e+07
TDC
QT Input Channel

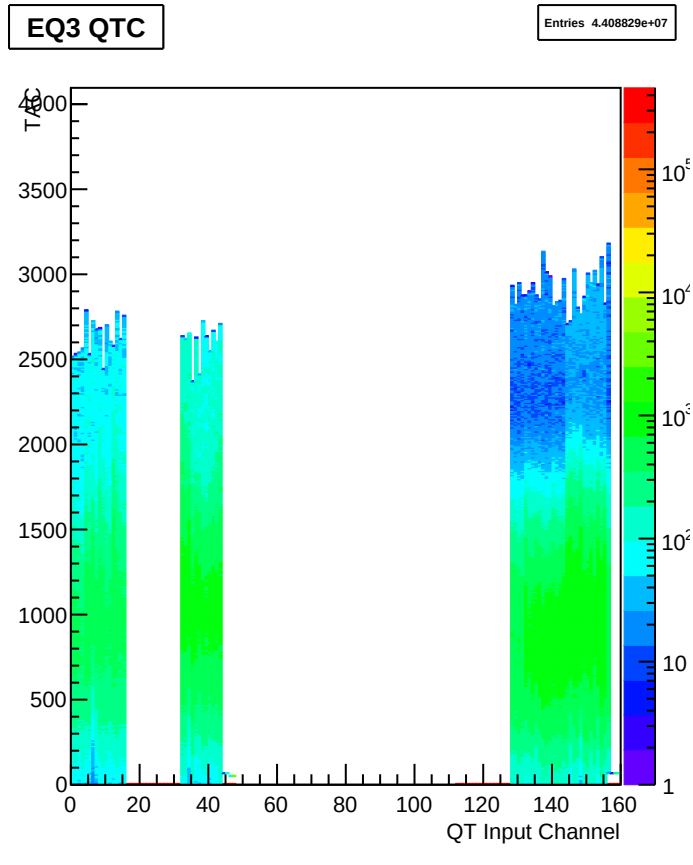

EQ2 QTC
Entries 4.408829e+07
ADC
QT Input Channel


EQ2 QTC
Entries 4.408829e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.175688e+08
ADC
QT Input Channel


EQ3 QTB
Entries 3.64769e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.408829e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.408829e+07
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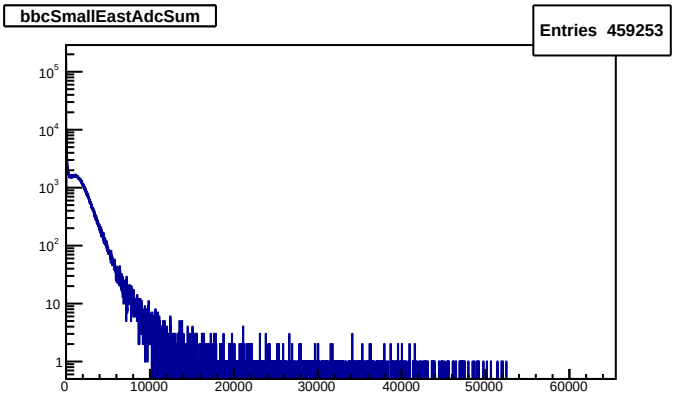
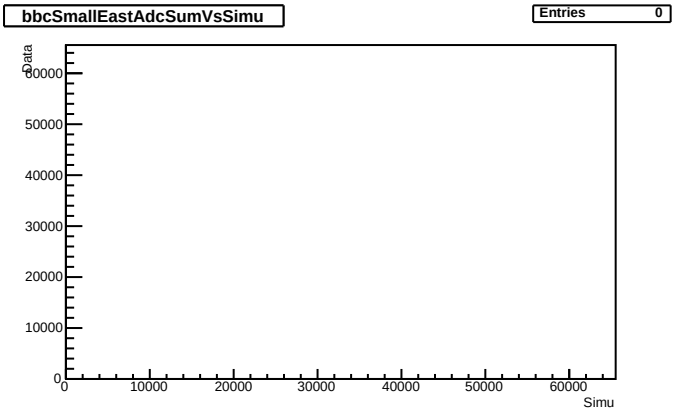
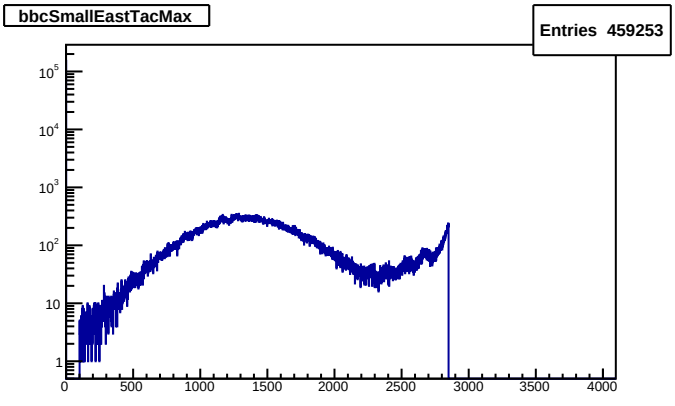
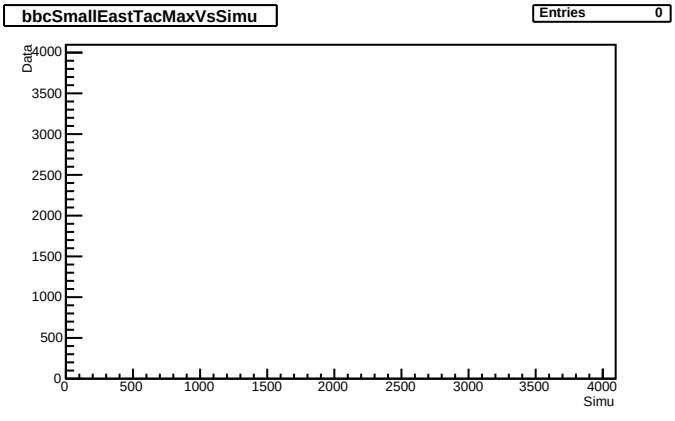
QT Input Channel


bbcSmallEastAdcSum
Entries 459253


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 459253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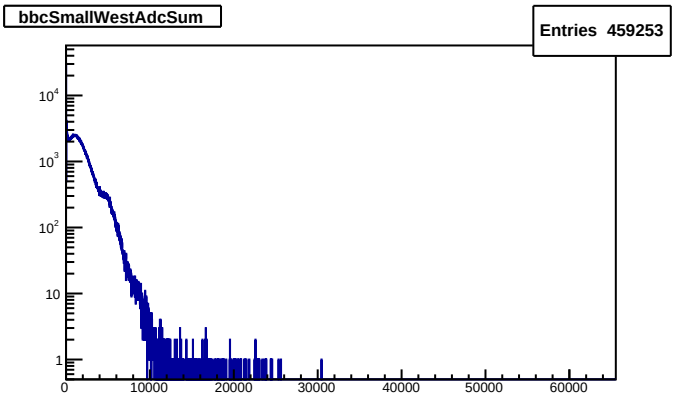
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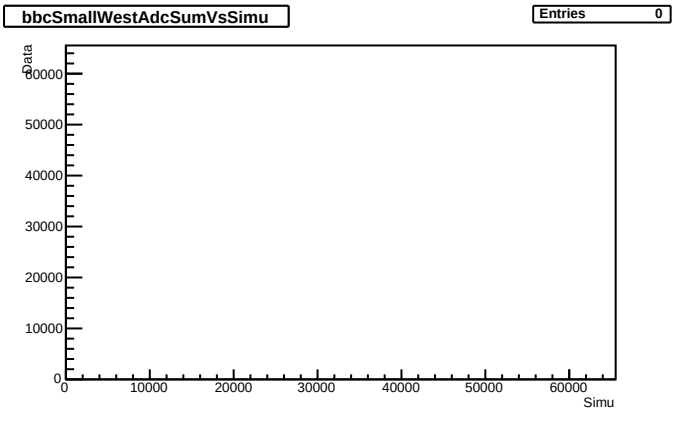
Entries 459253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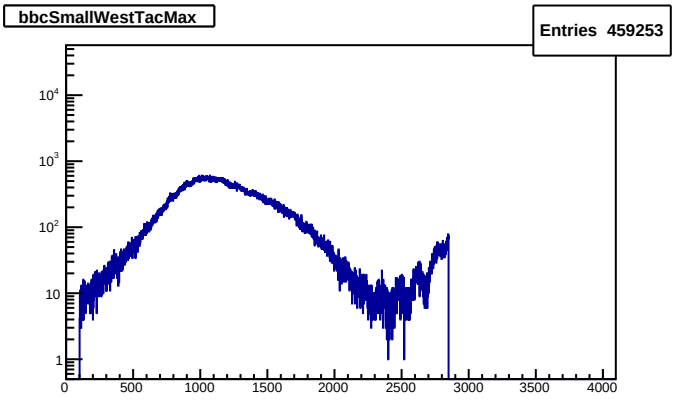
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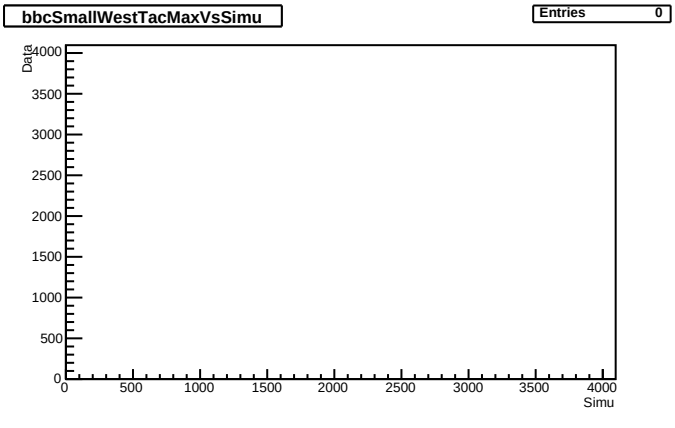
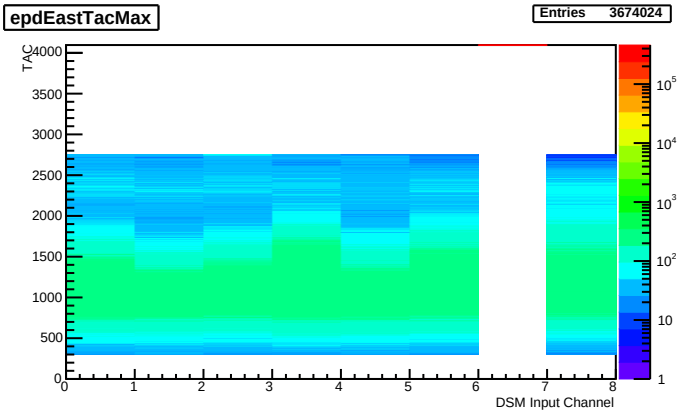
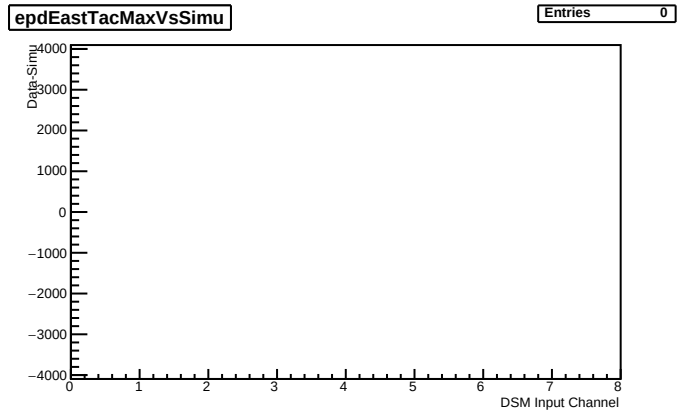

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 3674024
TAC
DSM Input Channel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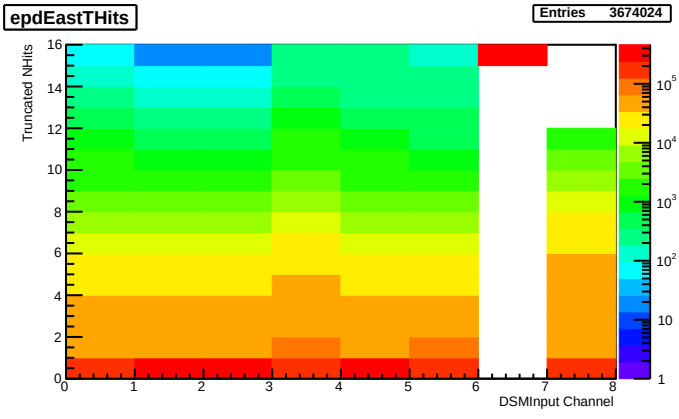
Entries 0
Data-Simu
DSM Input Channel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Entries 3674024
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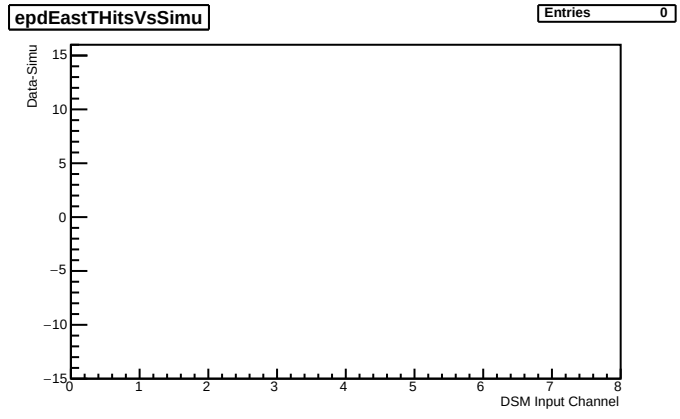
DSMInput Channel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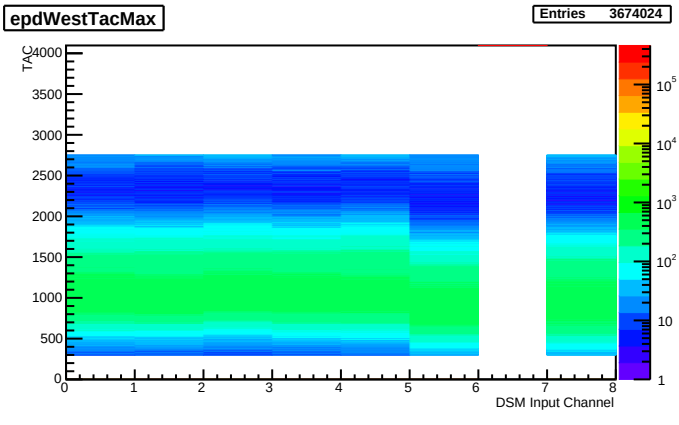
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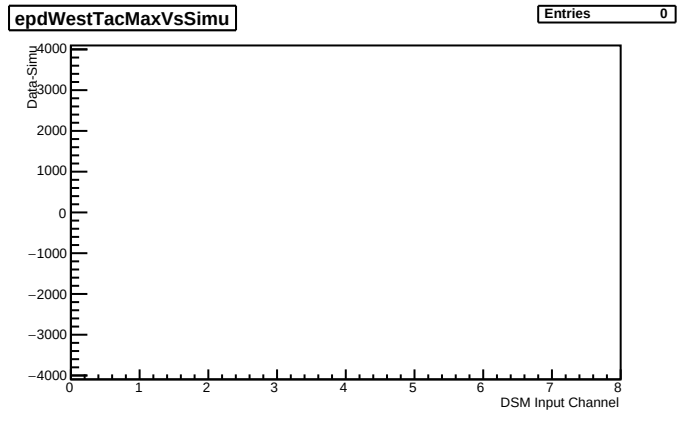
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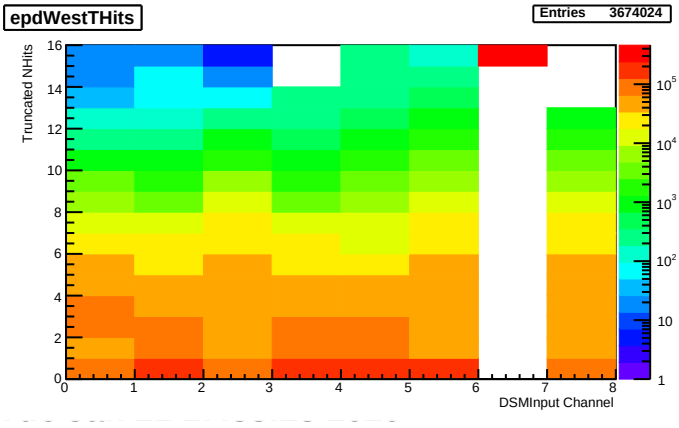
DSM Input Channel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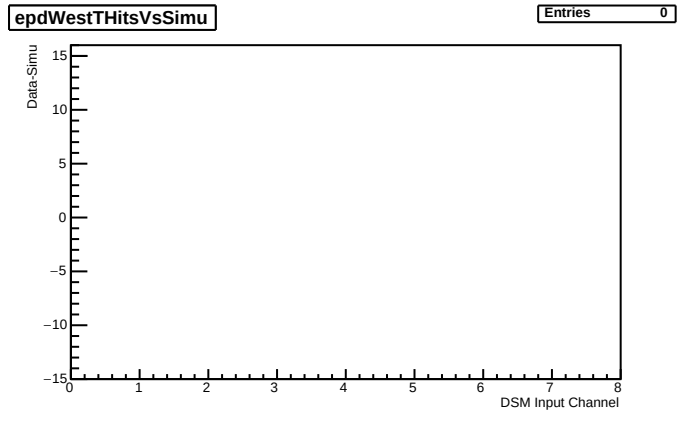
Entries 3674024
Truncated NHits
DSMInput Channel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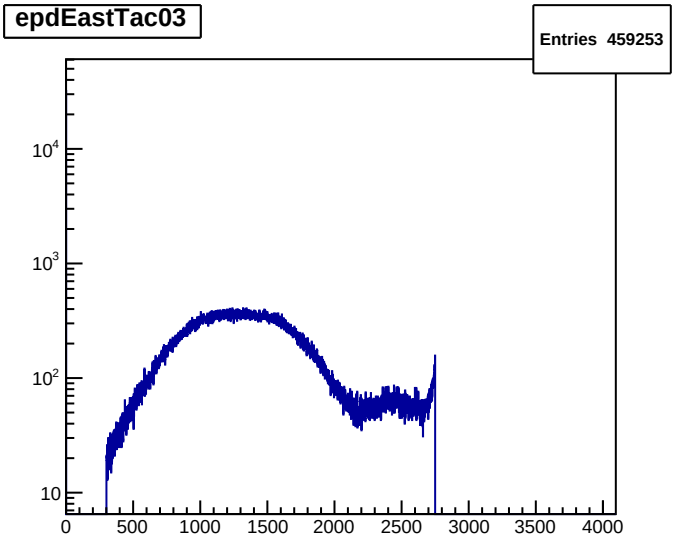
Data-Simu
DSM Input Channel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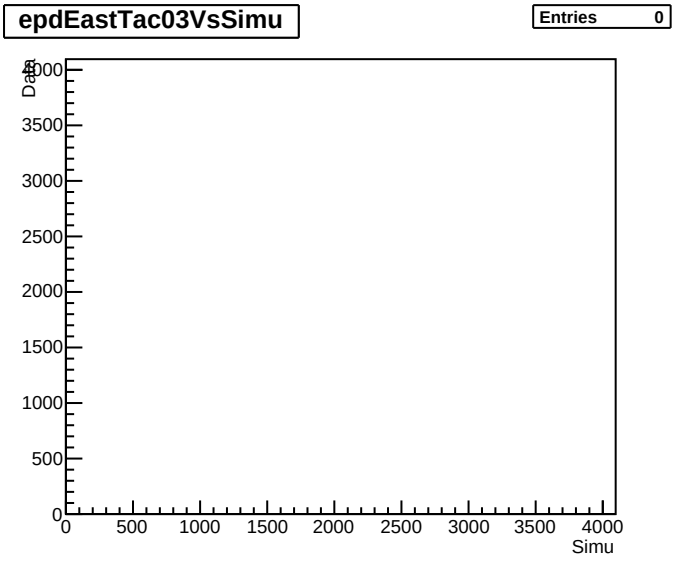
Entries 459253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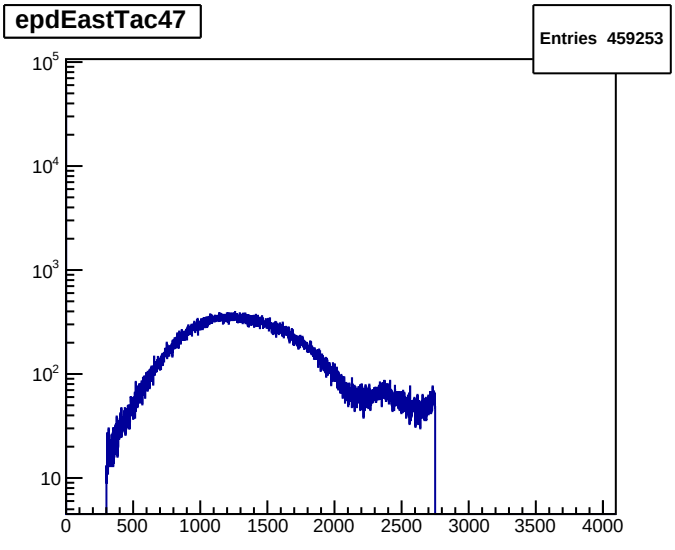
Entries 0
Data
Simu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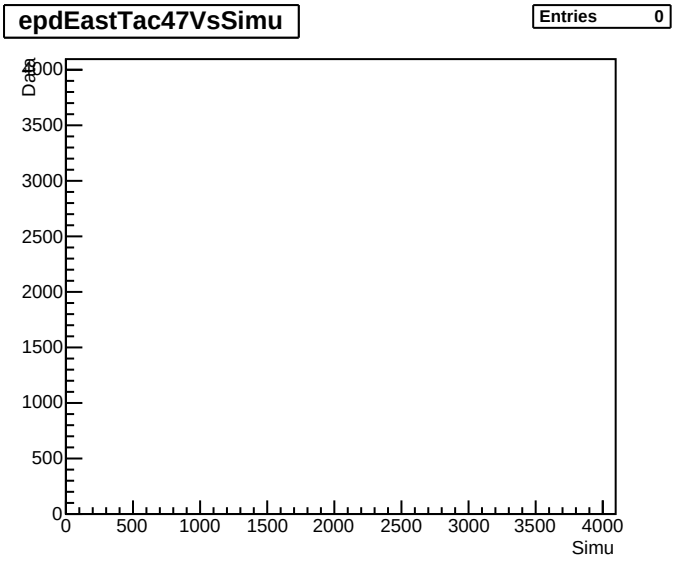
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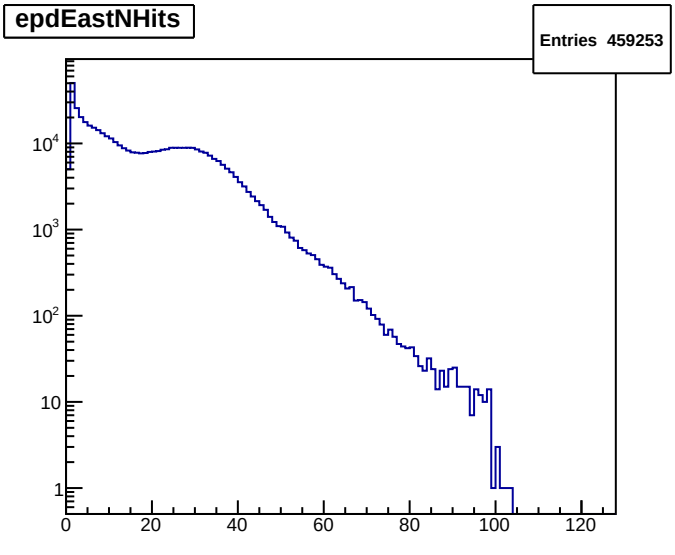
Entries 0
Data
Simu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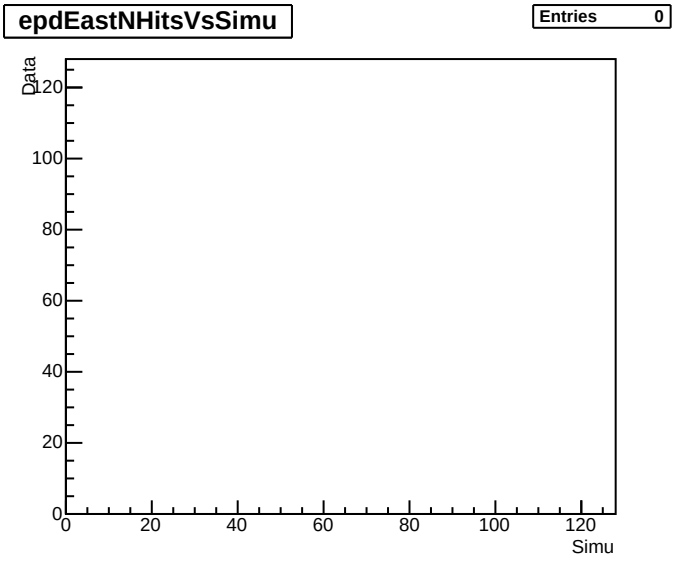
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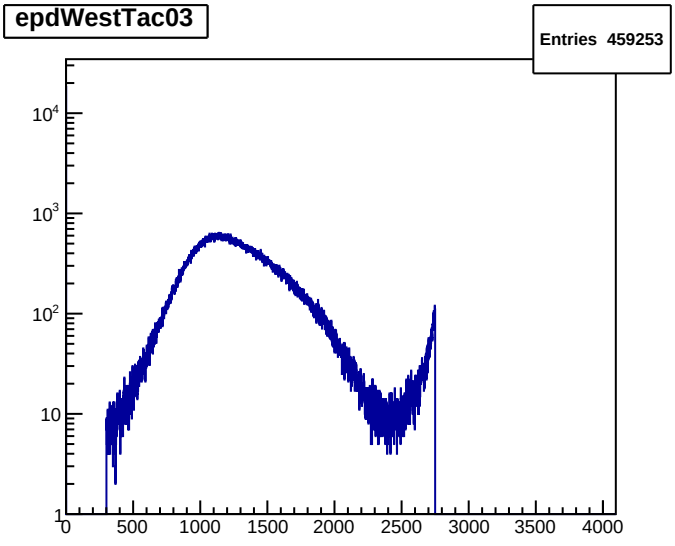
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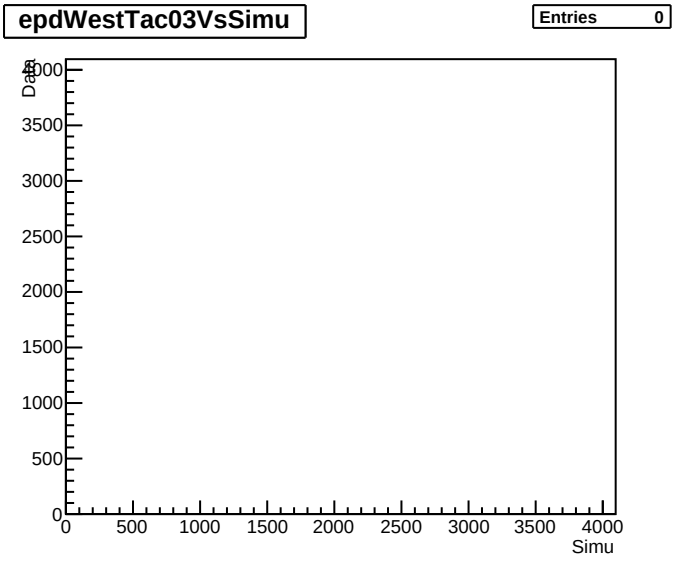
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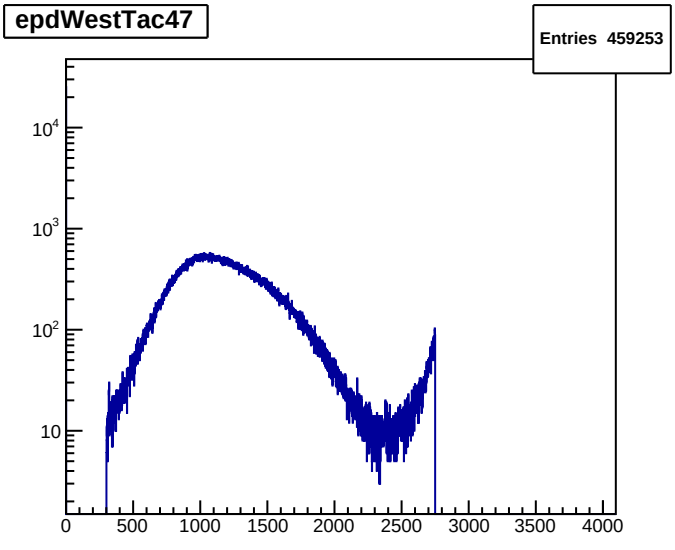
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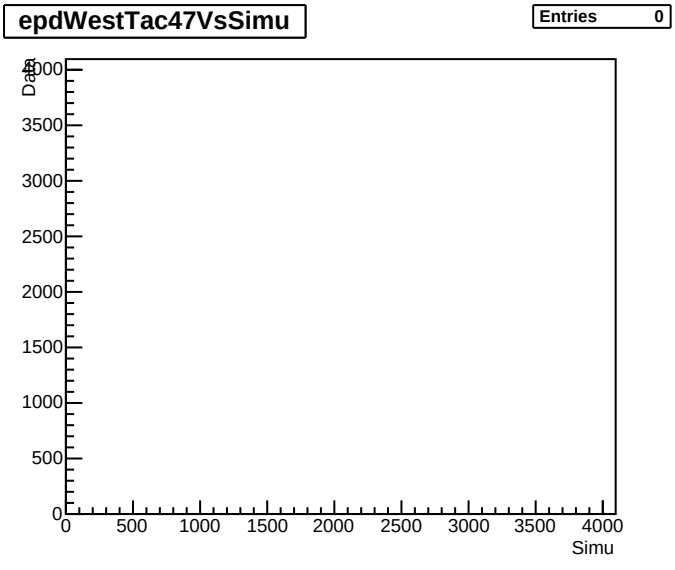
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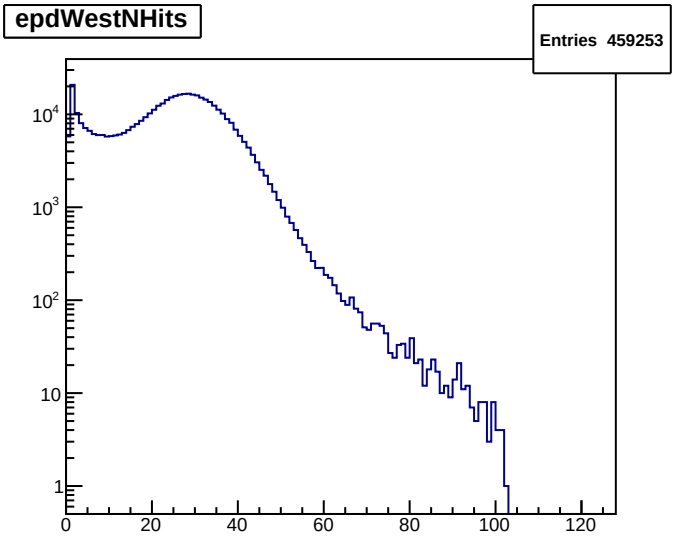
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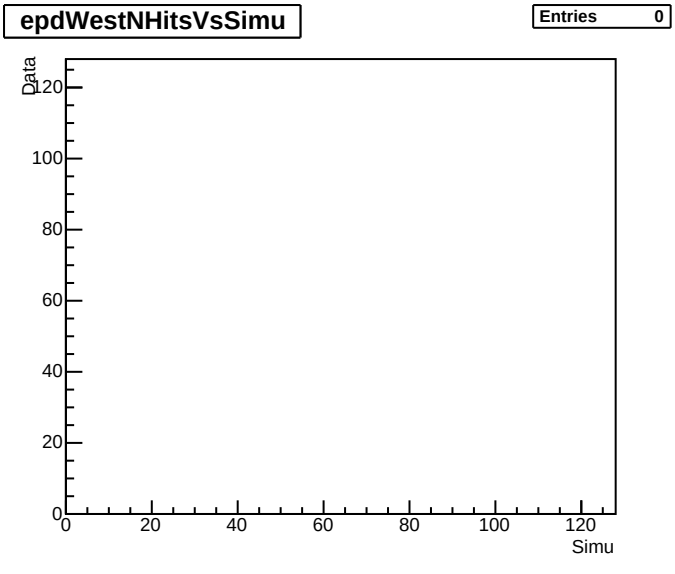
Entries 459253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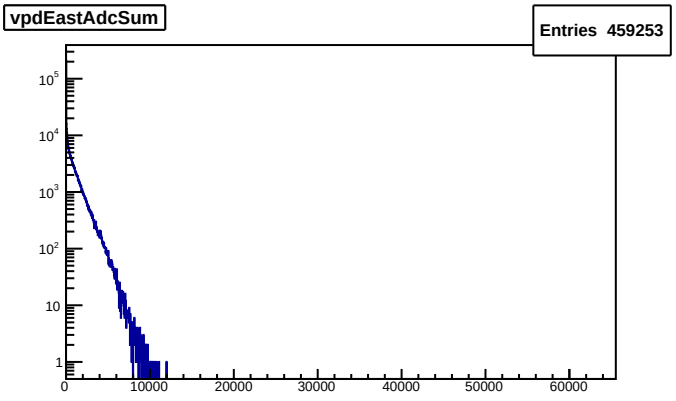
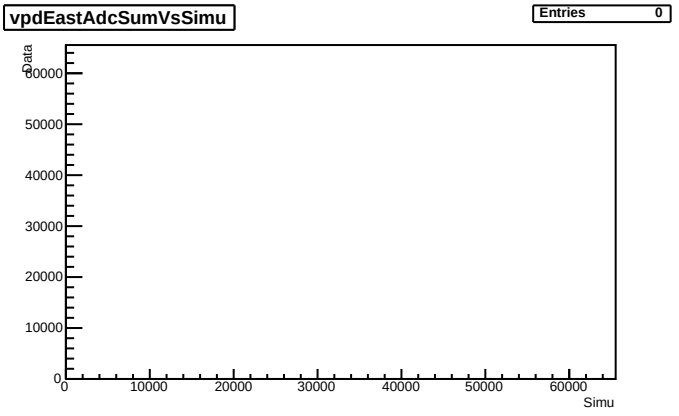
Entries 0
Data
Simu


vpdEastAdcSum
Entries 459253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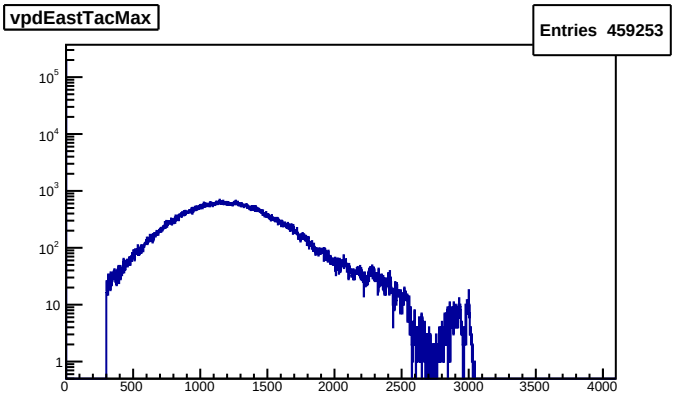
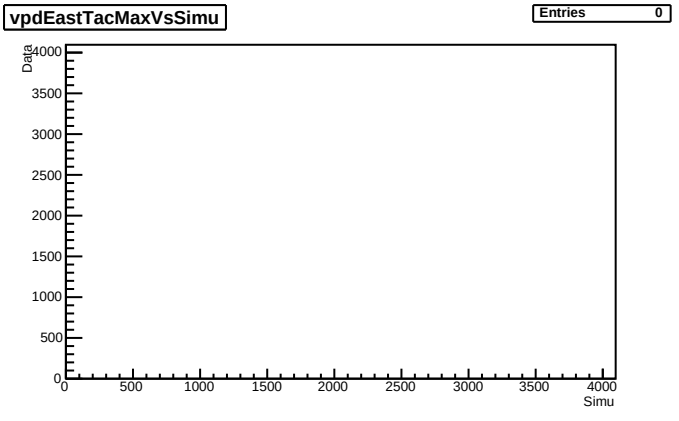
Entries 0
Data
Simu


vpdEastTacMax
Entries 459253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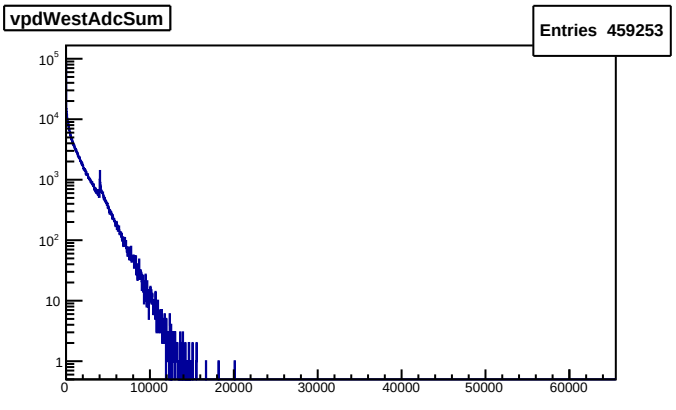
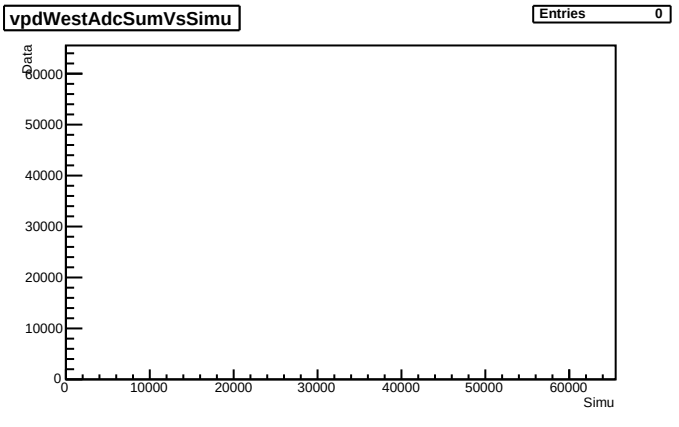
Entries 0
Data
Simu


vpdWestAdcSum
Entries 459253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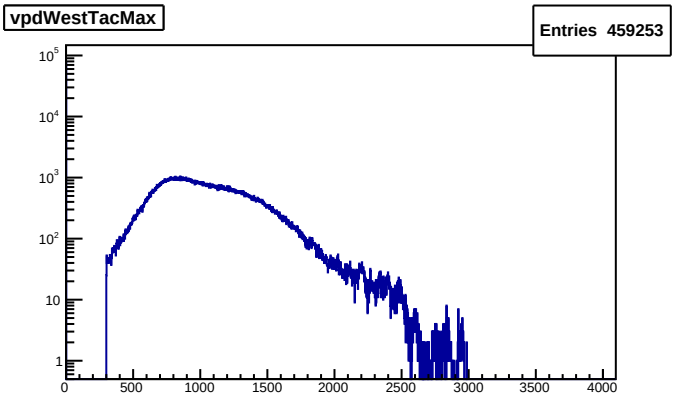
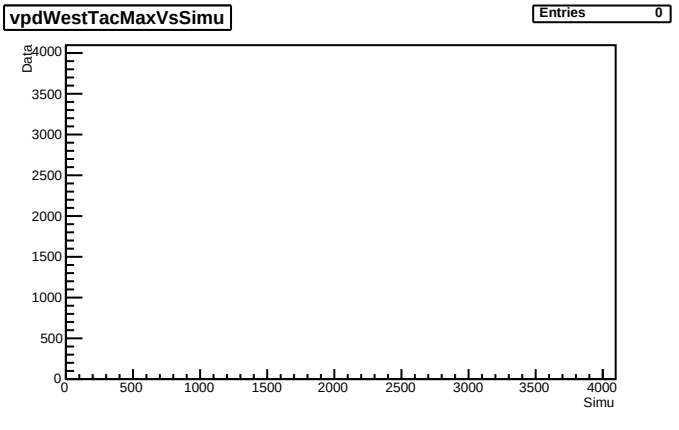
Entries 0
Data
Simu


vpdWestTacMax
Entries 459253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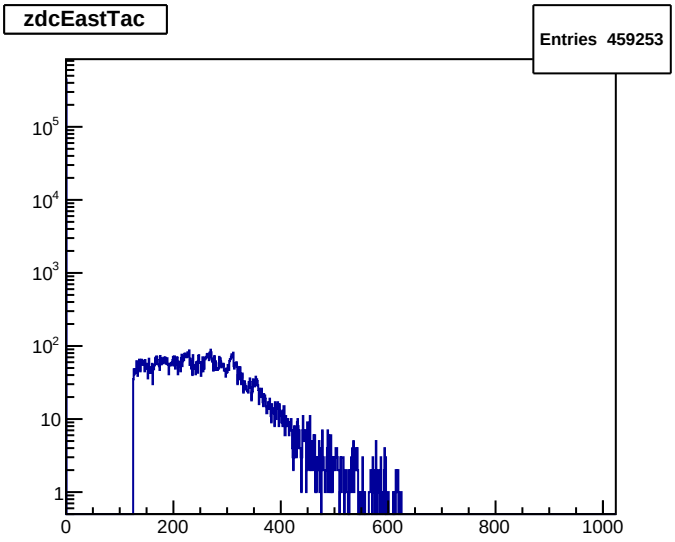
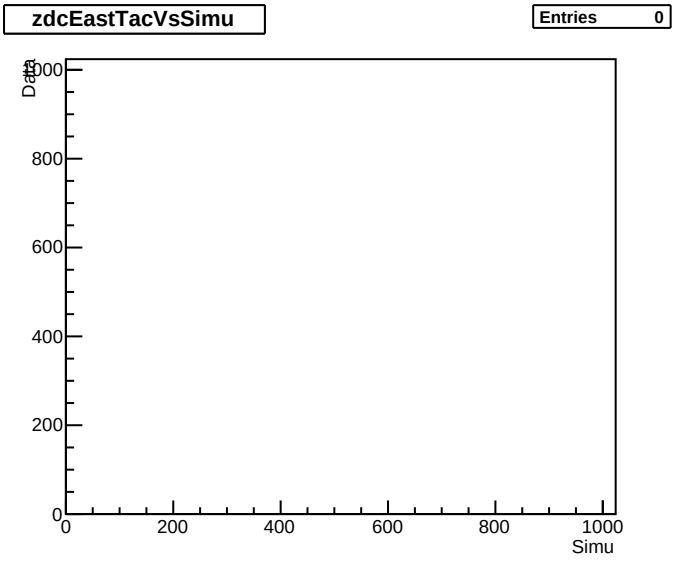
Entries 0
Data
Simu


zdcEastTac
Entries 459253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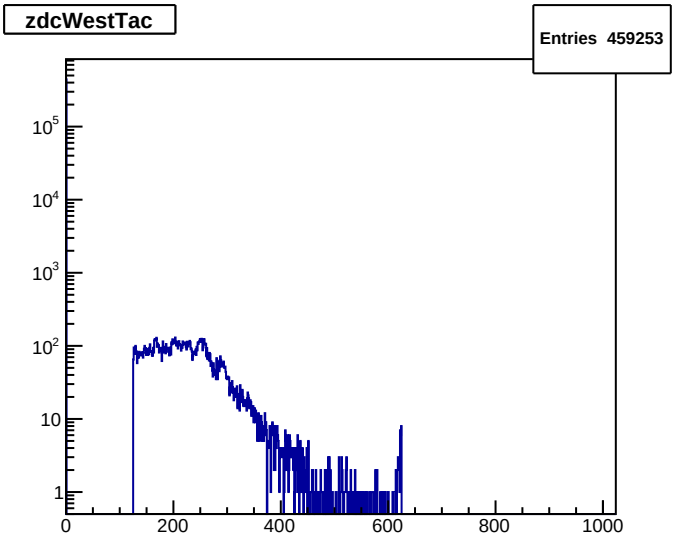
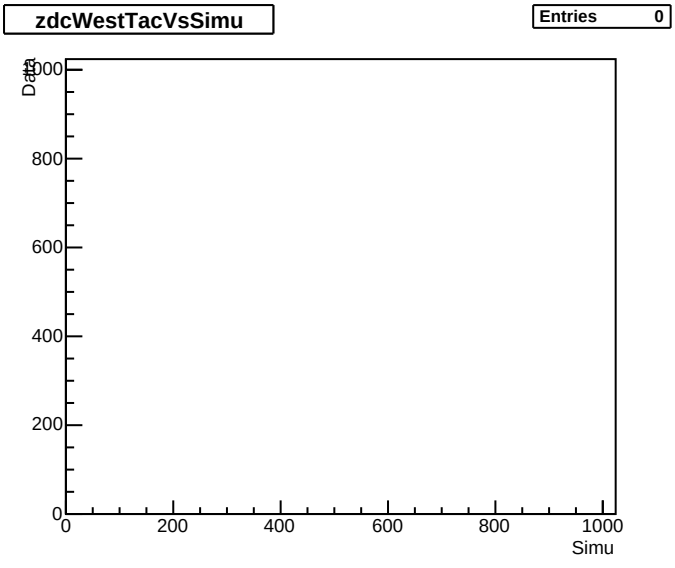
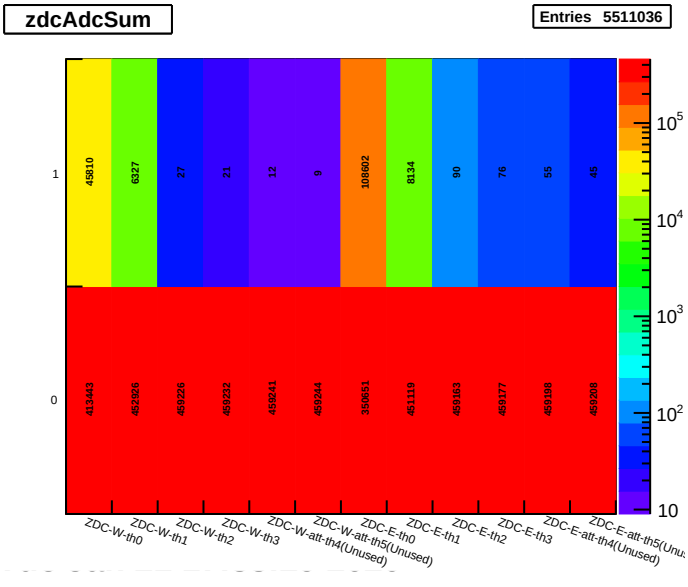
Entries 0
Data
Simu


zdcWestTac
Entries 459253


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 5511036
45810
6327
27
21
12
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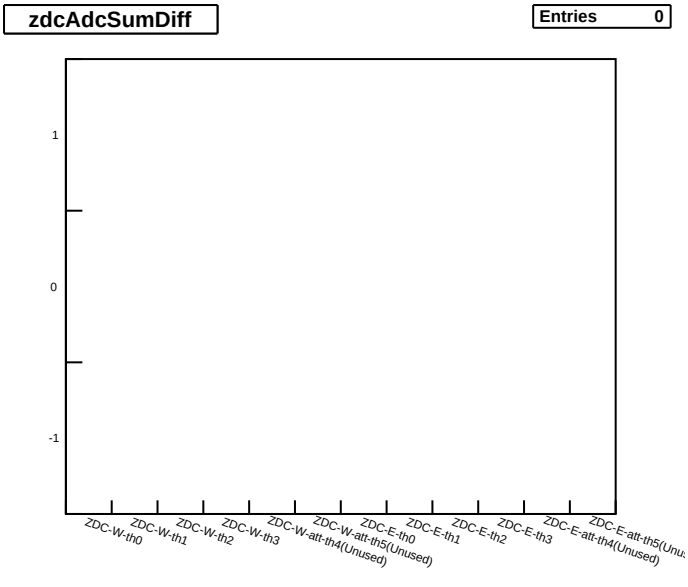
108602
8134
90
76
55
45
413443
452826
459226
459232
459241
459244
350651
451119
459163
459177
459198
459208
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)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Entries 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
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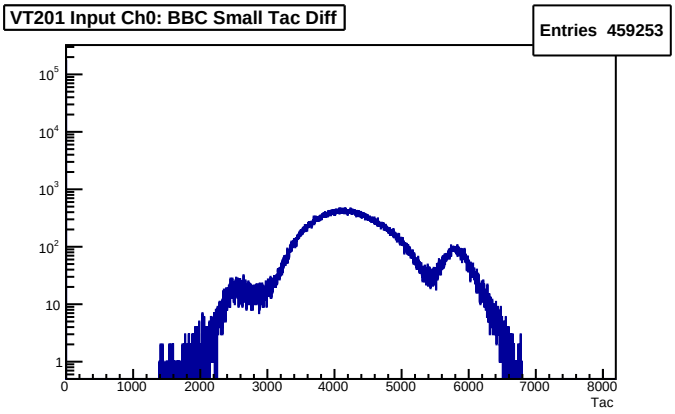
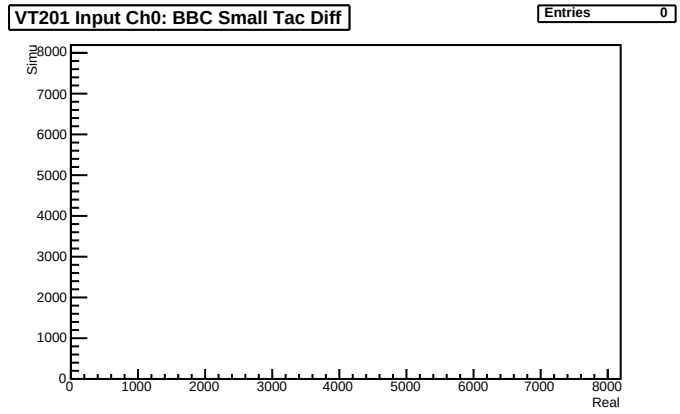
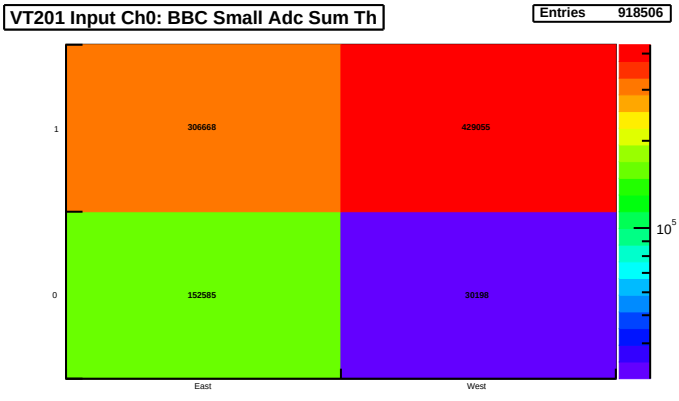
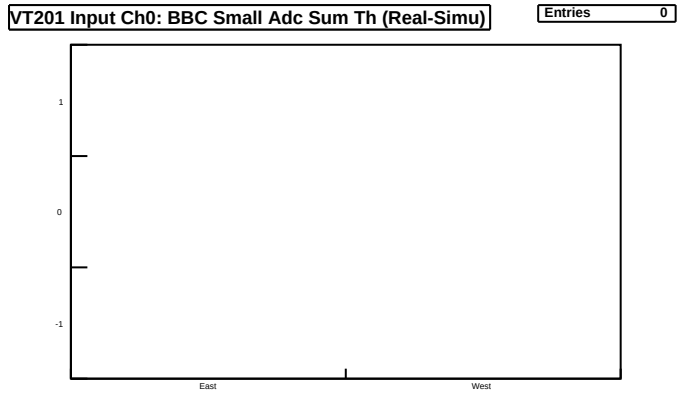
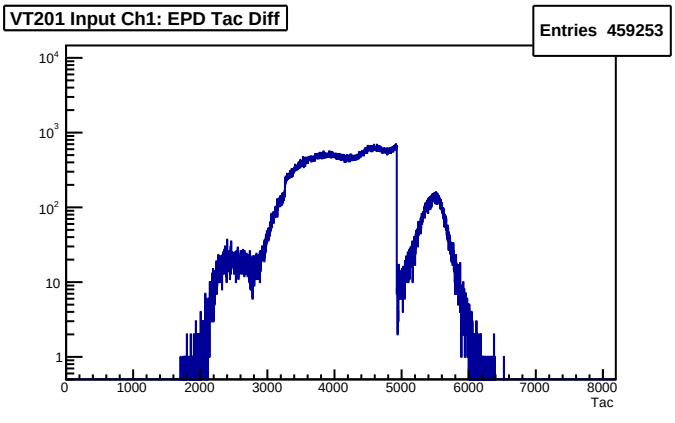
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

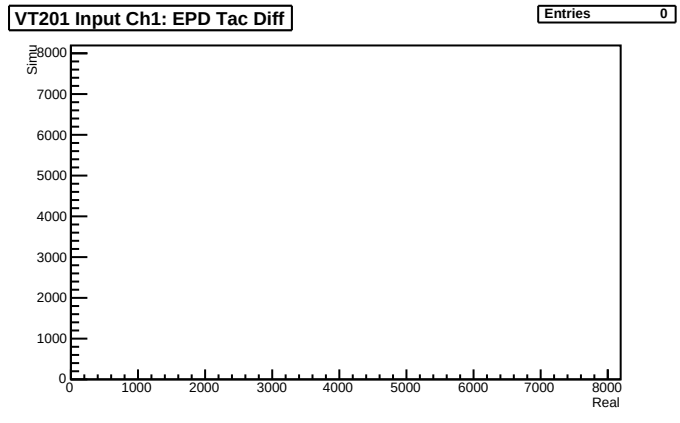

VT201 Input Ch0: BBC Small Tac Diff
Entries 459253
Tac

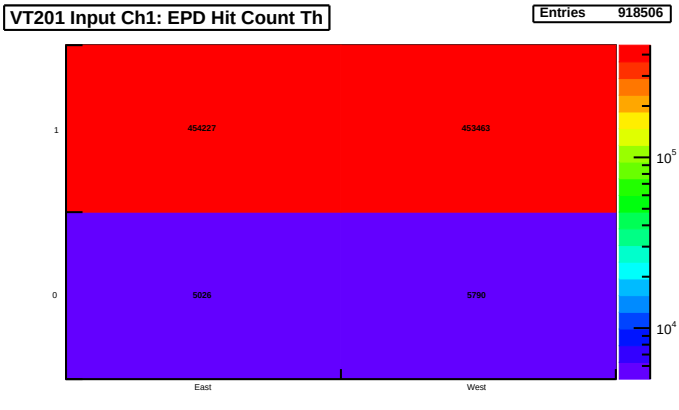

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

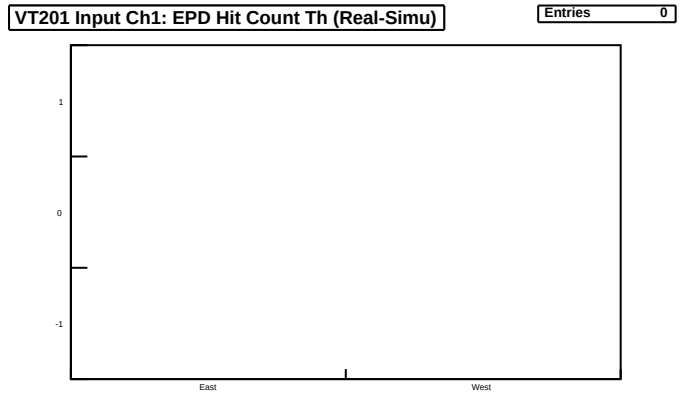

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 918506
306668
429055
152585
30198
East
West

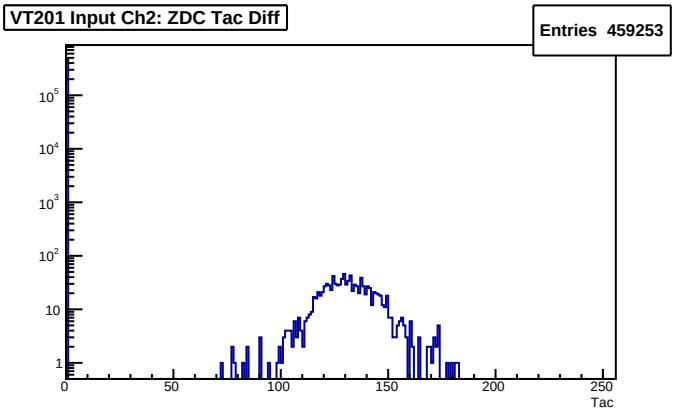

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

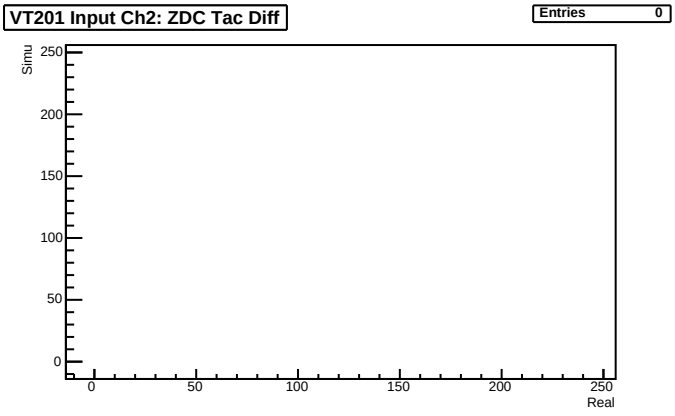

VT201 Input Ch1: EPD Tac Diff
Entries 459253
Tac

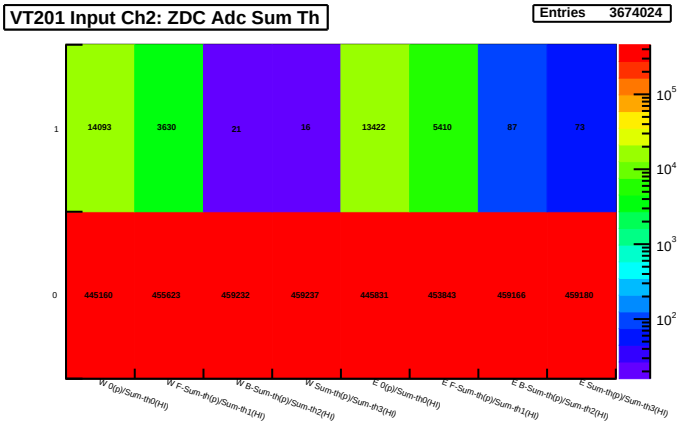

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

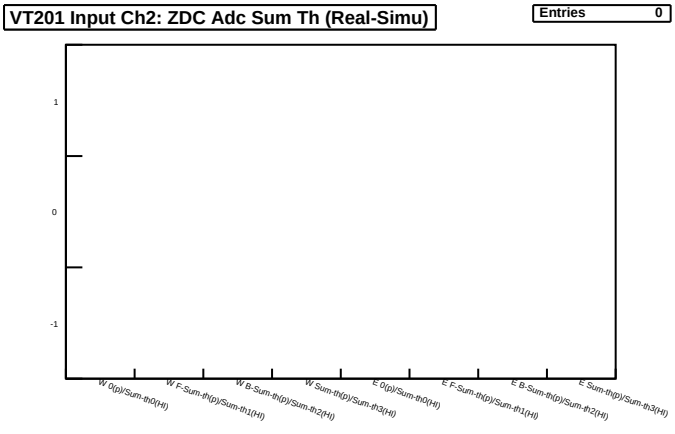

VT201 Input Ch1: EPD Hit Count Th
Entries 918506
454227
453463
5026
5790
East
West

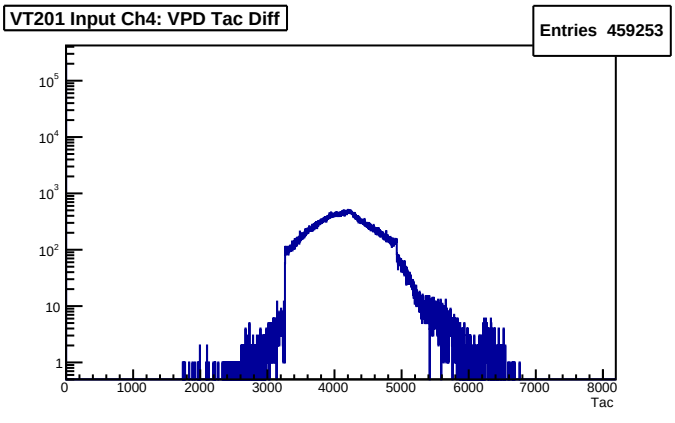

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

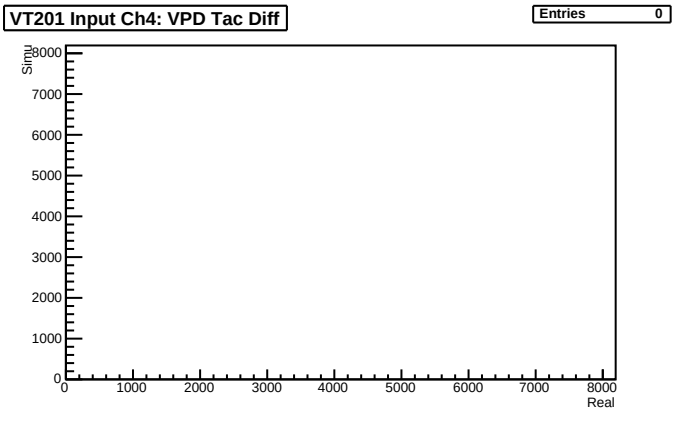

VT201 Input Ch2: ZDC Tac Diff
Entries 459253
Tac

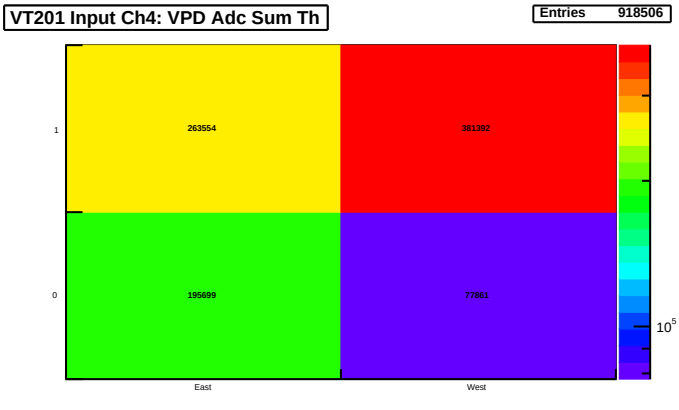

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

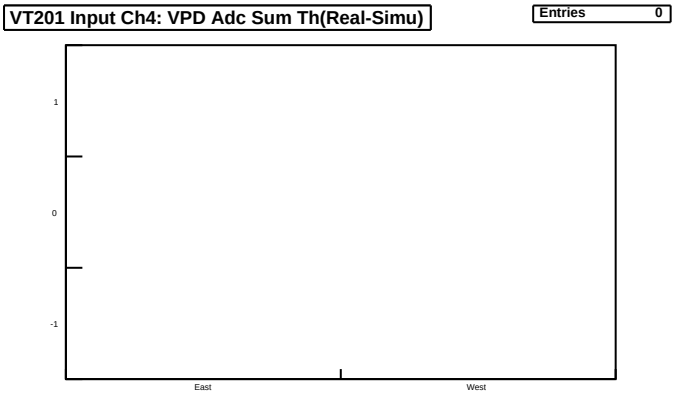

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3674024
14093
3630
21
16
13422
5410
87
73
445160
455623
459232
459237
445831
453843
459166
459180
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

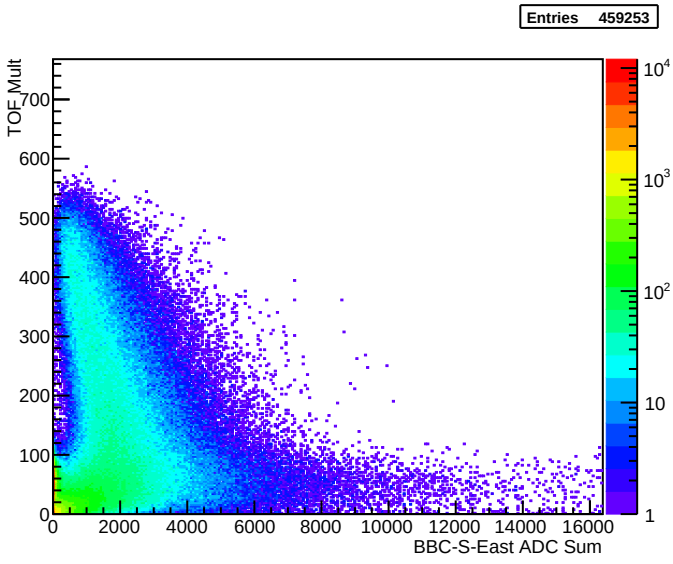

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

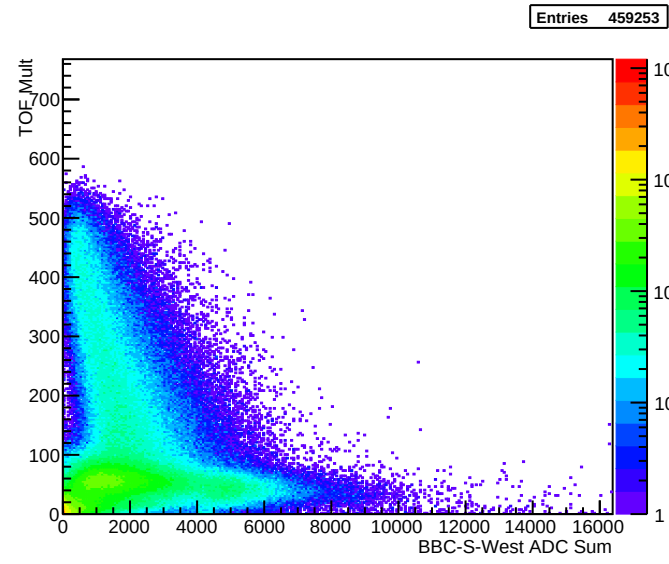

VT201 Input Ch4: VPD Tac Diff
Entries 459253
Tac

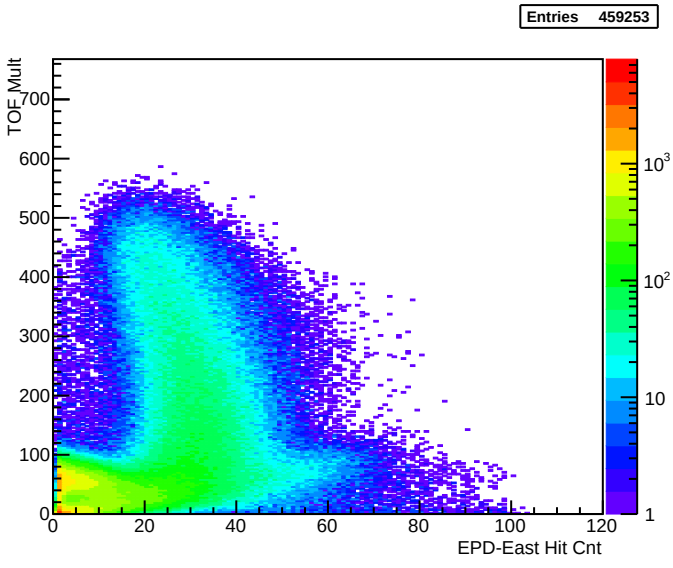

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

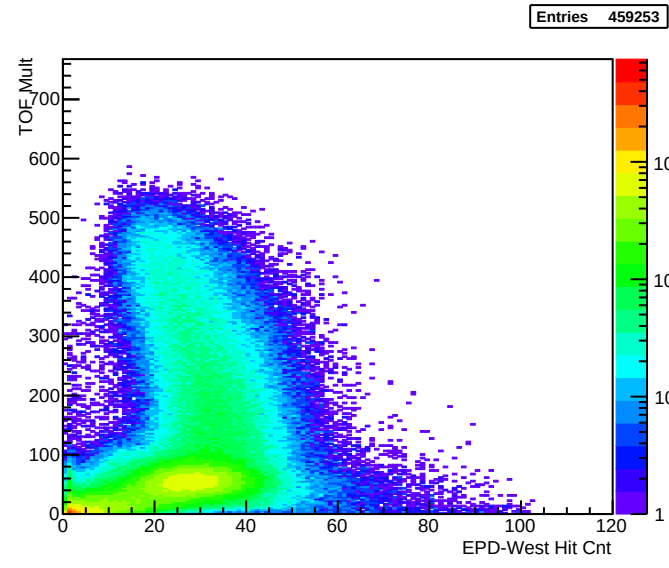

VT201 Input Ch4: VPD Adc Sum Th
Entries 918506
263554
381392
195699
77861
East
West

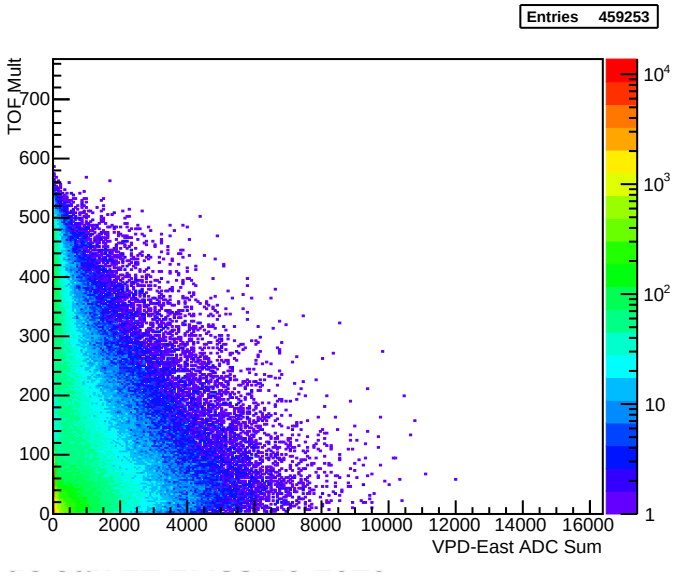

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

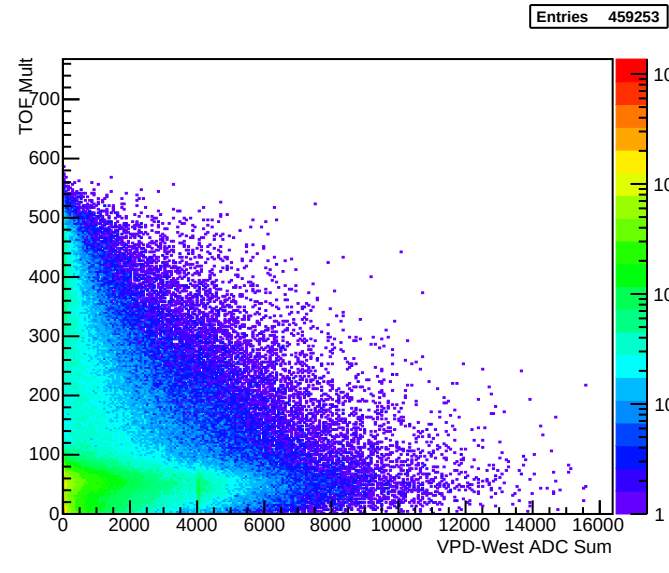

Entries 459253
TOF_Mult
BBC-S-East ADC Sum

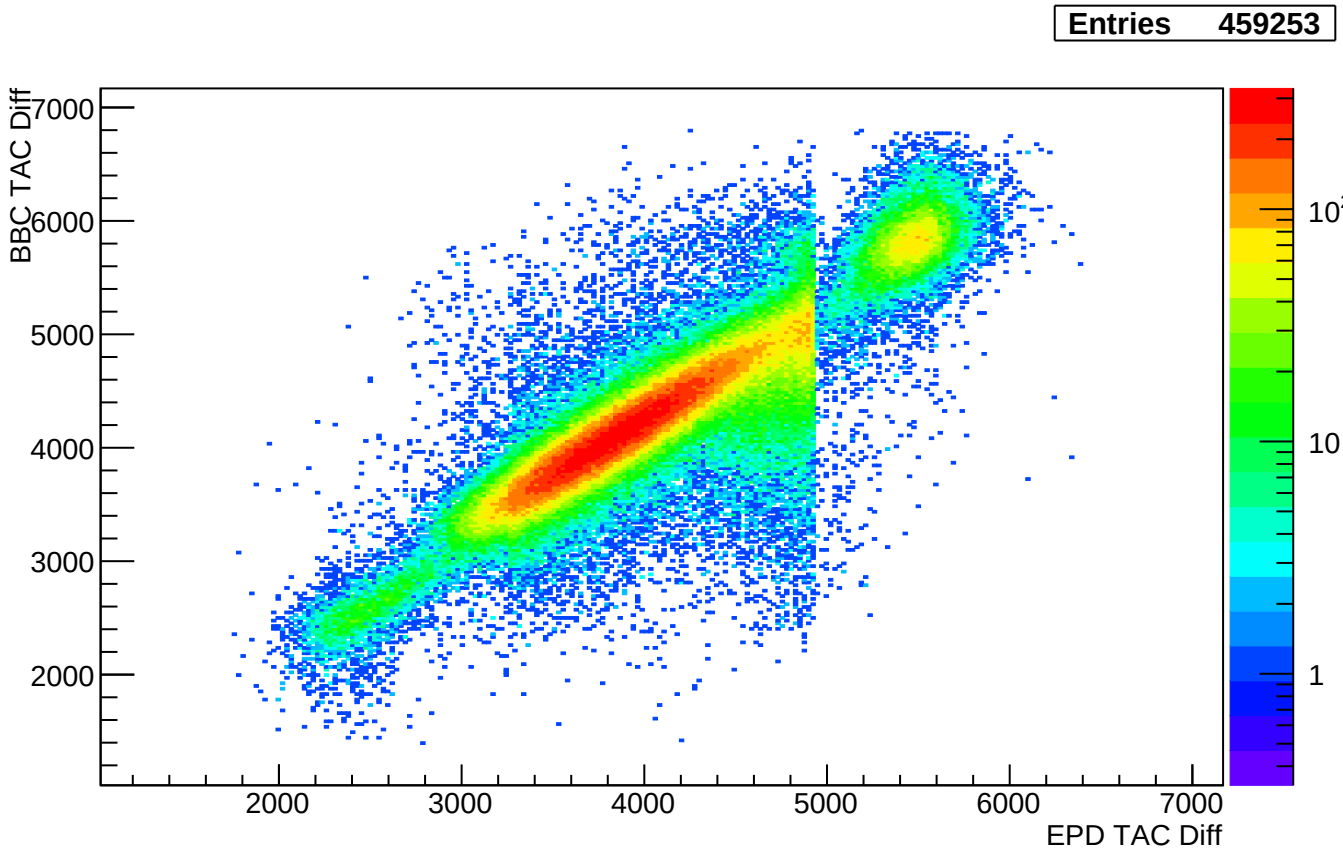

Entries 459253
TOF_Mult
BBC-S-West ADC Sum

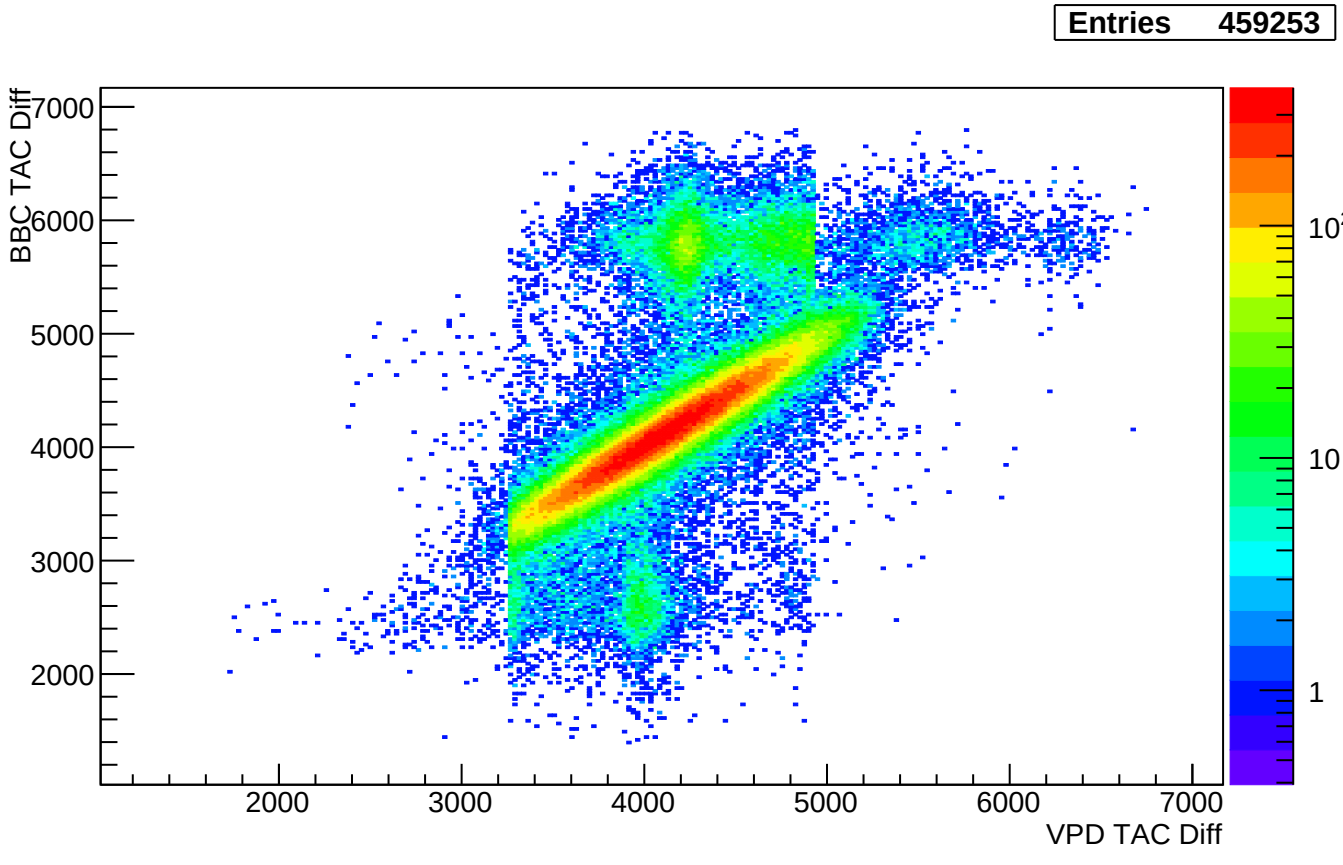

Entries 459253
TOF_Mult
EPD-East Hit Cnt

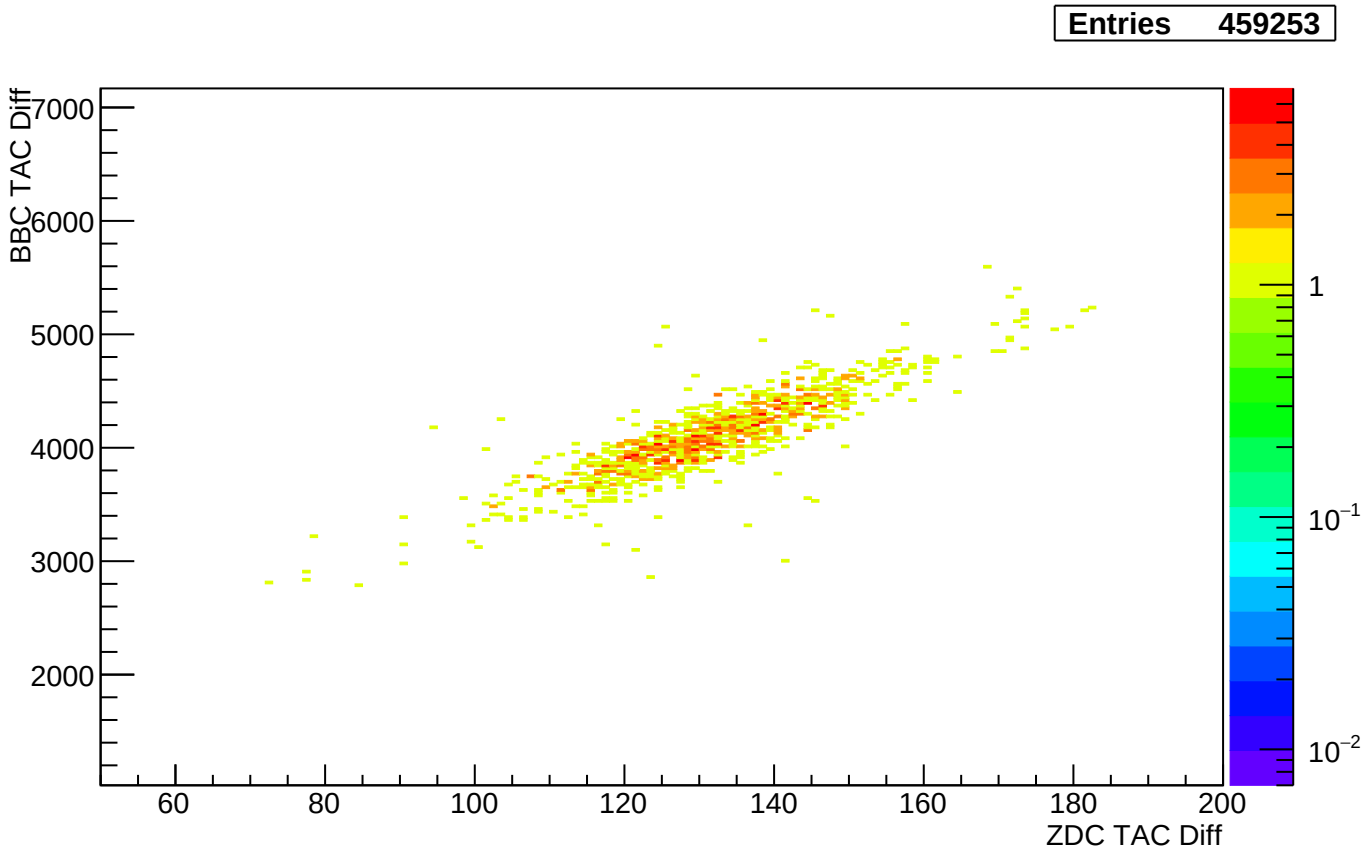

Entries 459253
TOF_Mult
EPD-West Hit Cnt

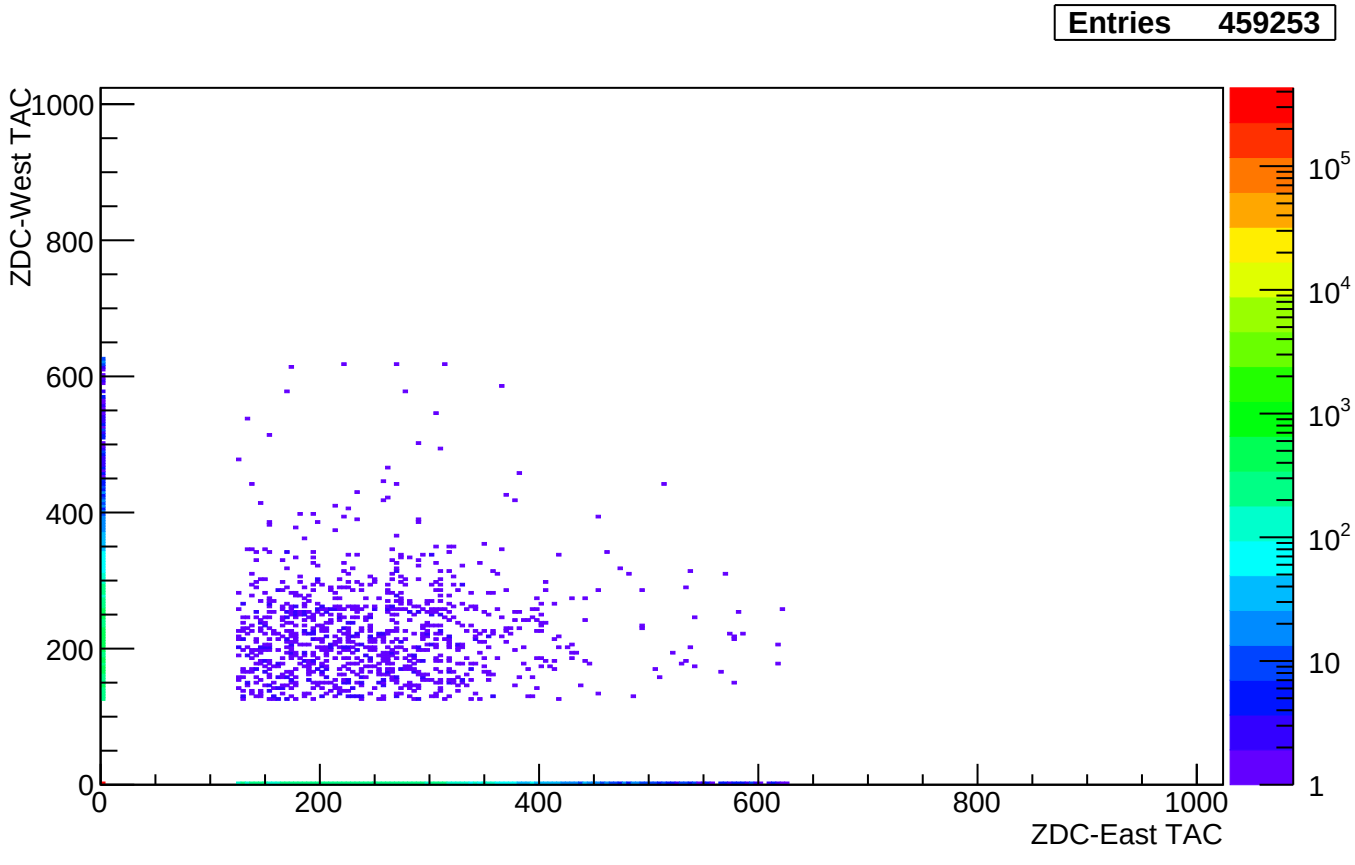

Entries 459253
TOF_Mult
VPD-East ADC Sum

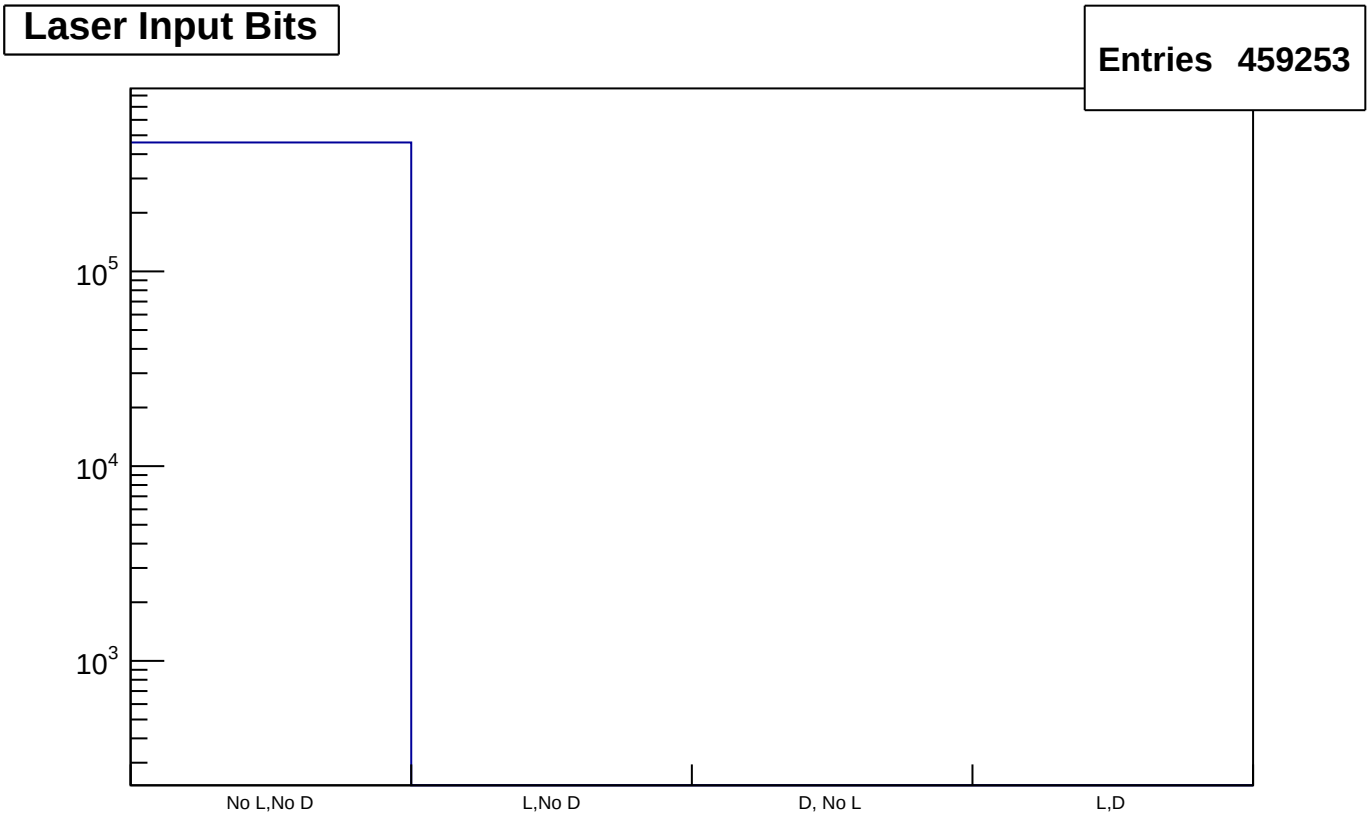

Entries 459253
TOF_Mult
VPD-West ADC Sum

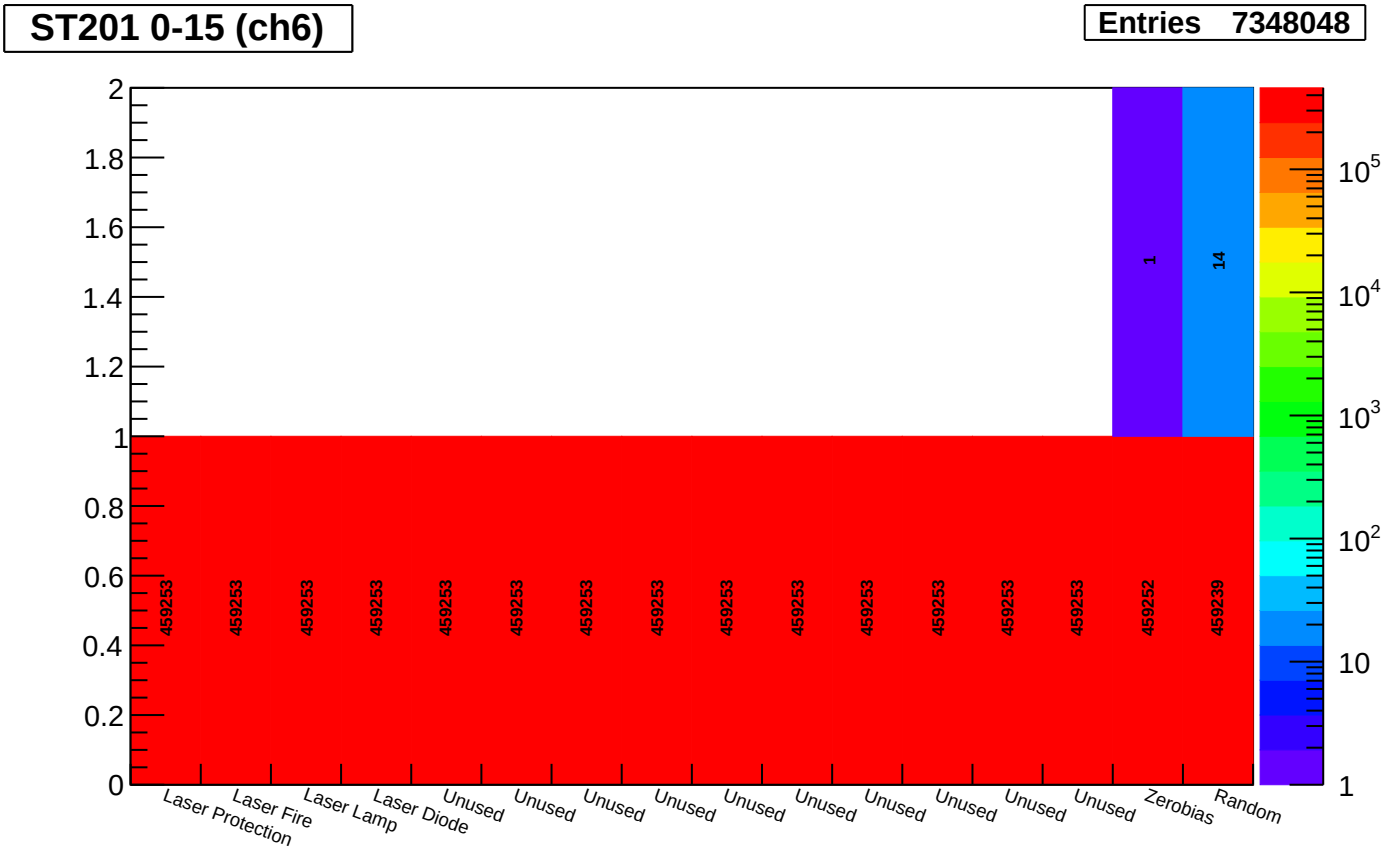

Entries 459253
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

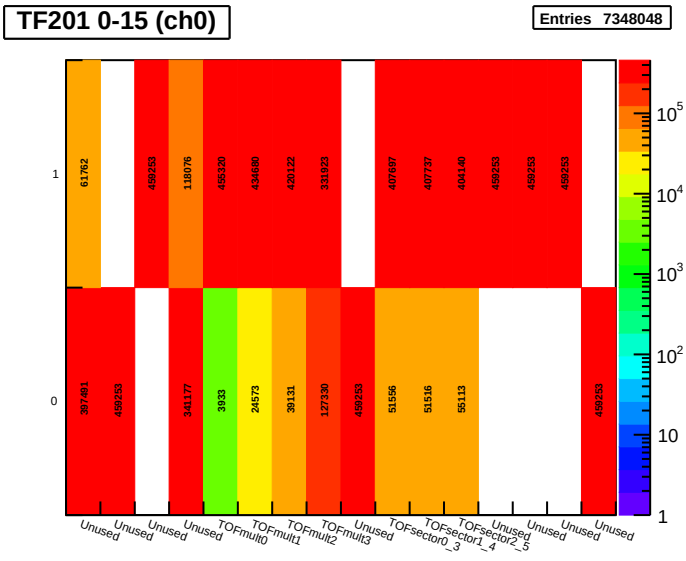

Entries 459253
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

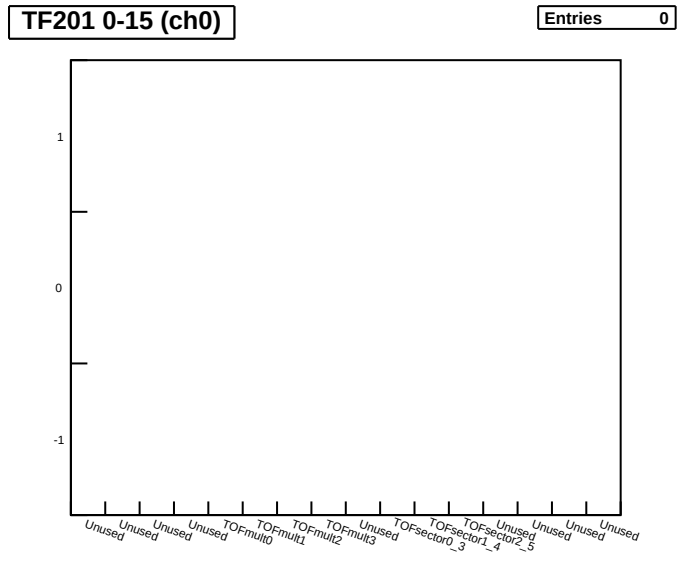

Entries 459253
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

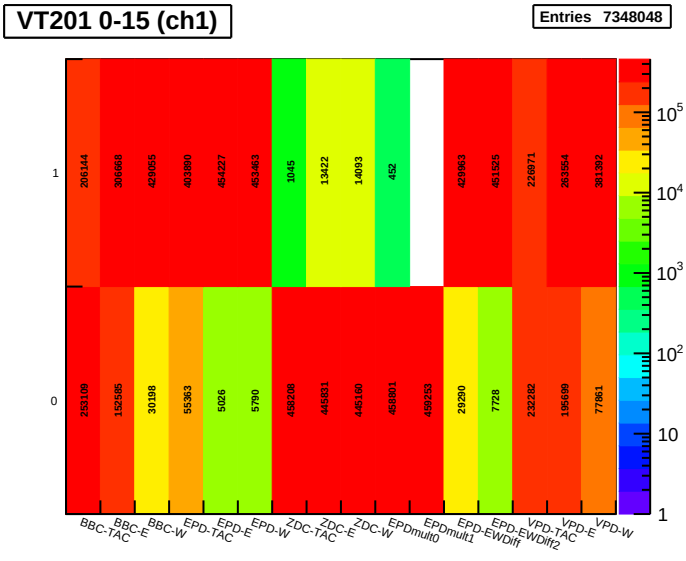

Entries 459253
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

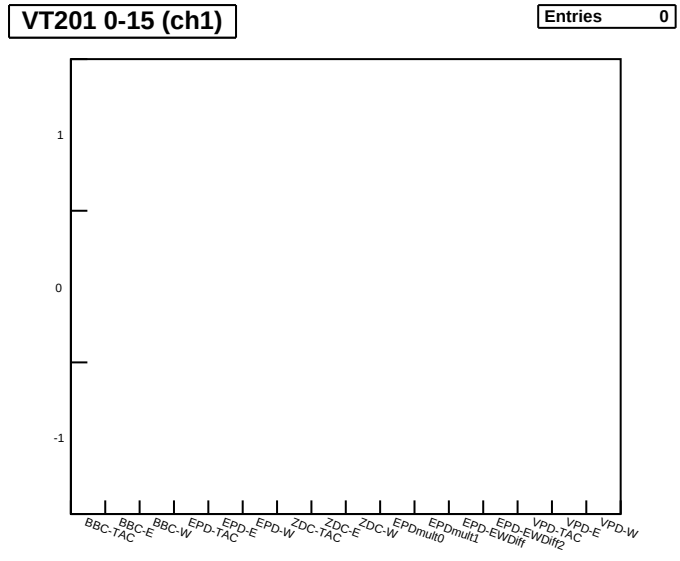

Laser Input Bits
Entries 459253
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

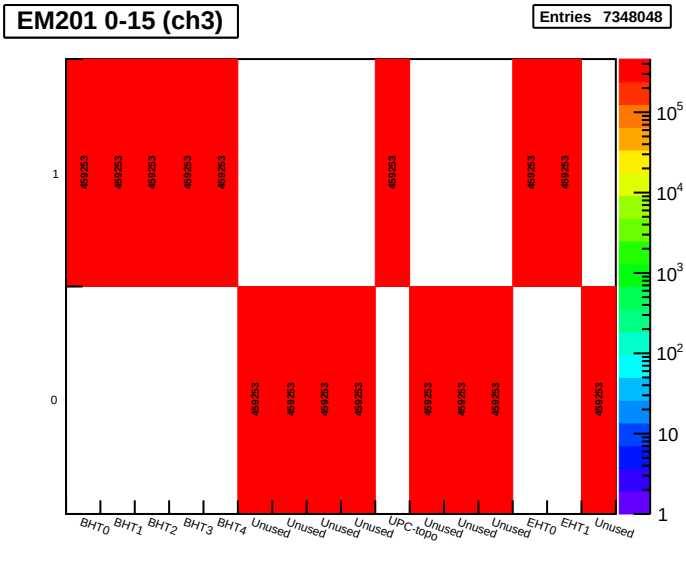

ST201 0-15 (ch6)
Entries 7348048
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
459253
459253
459253
459253
459253
459253
459253
459253
459253
459253
459253
459253
459253
459253
459252
459239
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

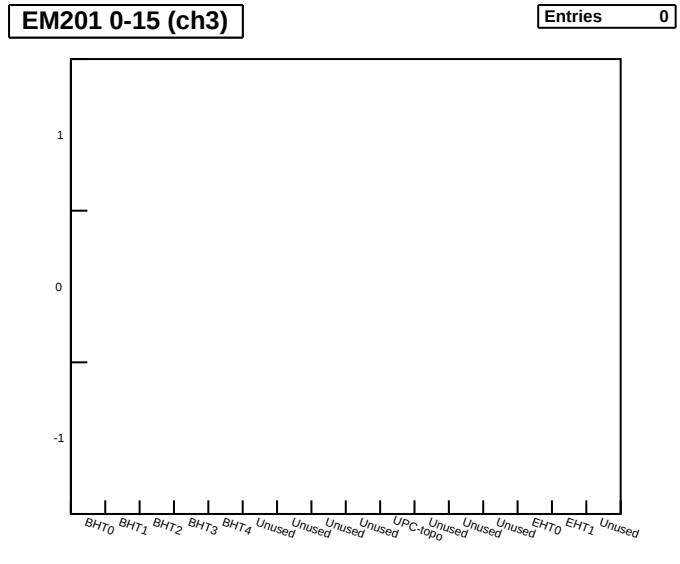

TF201 0-15 (ch0)
Entries 7348048
1
0
61762
459253
118076
455320
434680
420122
331923
407697
407737
404140
459253
459253
459253
397491
459253
341177
3933
24573
39131
127330
459253
51556
51516
55113
459253
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
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 7348048
1
0
206144
306668
429055
403890
454227
453463
1045
13422
14093
452
429963
451525
226971
263554
381382
253109
152585
30198
55363
5026
5790
458208
445831
445160
458801
459253
29290
7728
232282
195699
77861
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 7348048
1
0
459253
459253
459253
459253
459253
459253
459253
459253
459253
459253
459253
459253
459253
459253
459253
459253
459253
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