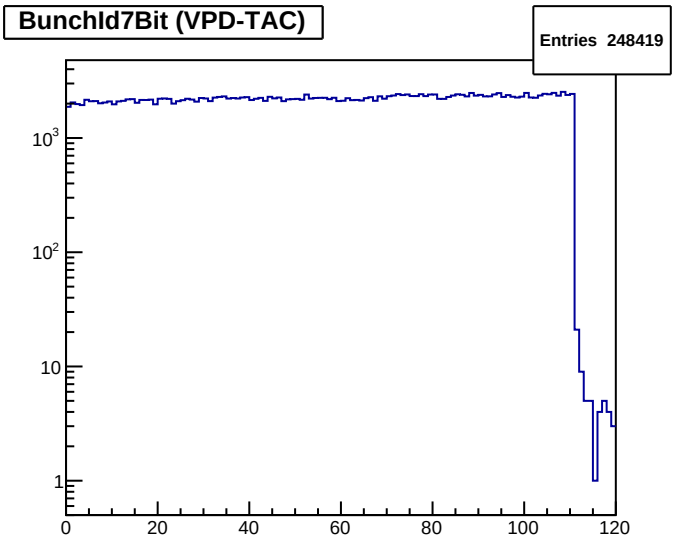
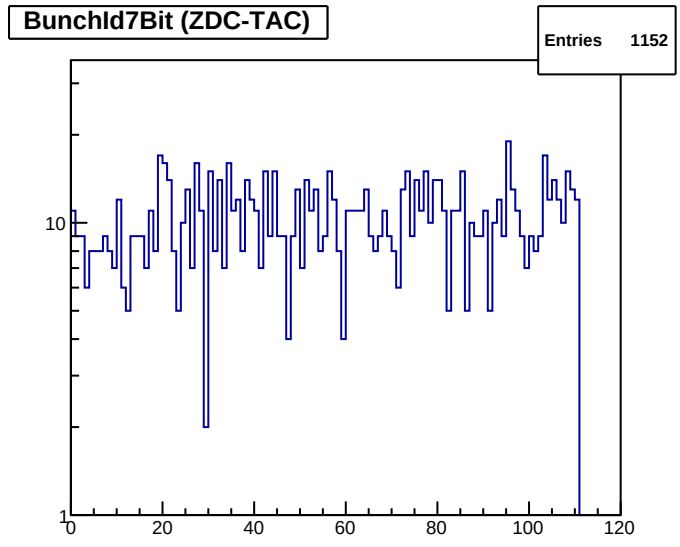
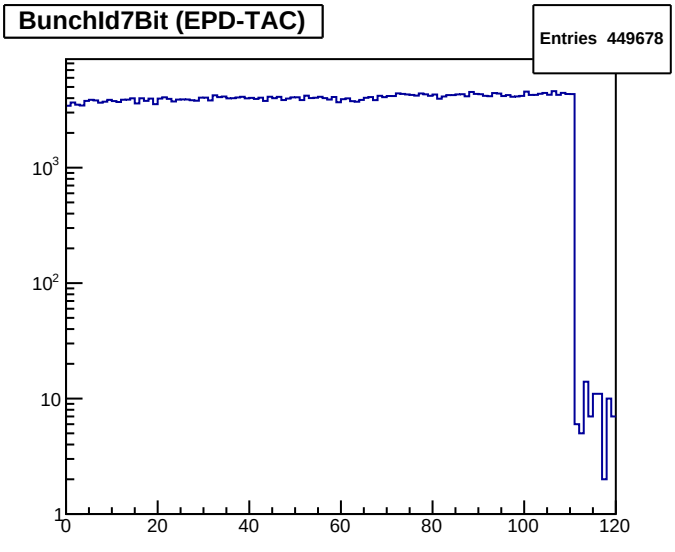
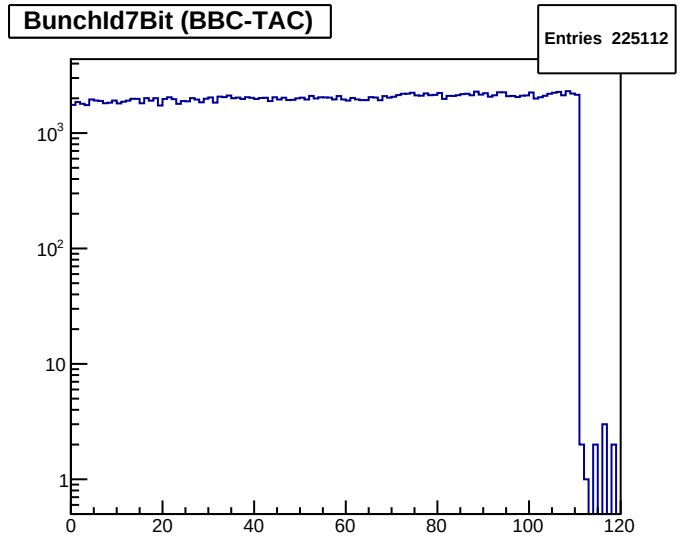
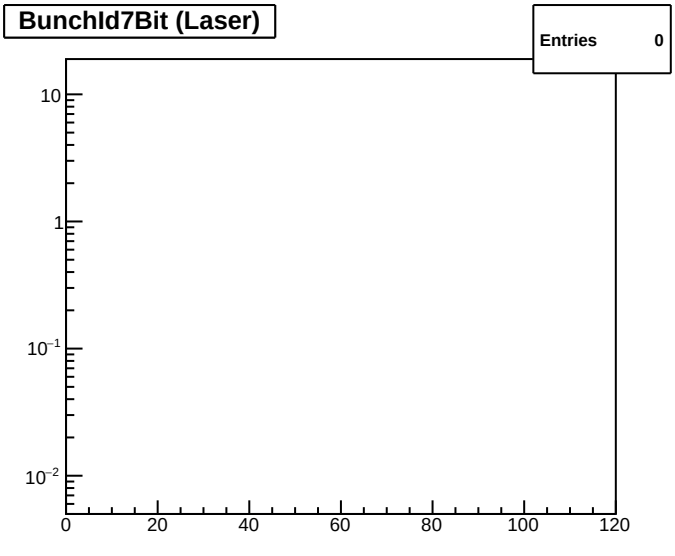
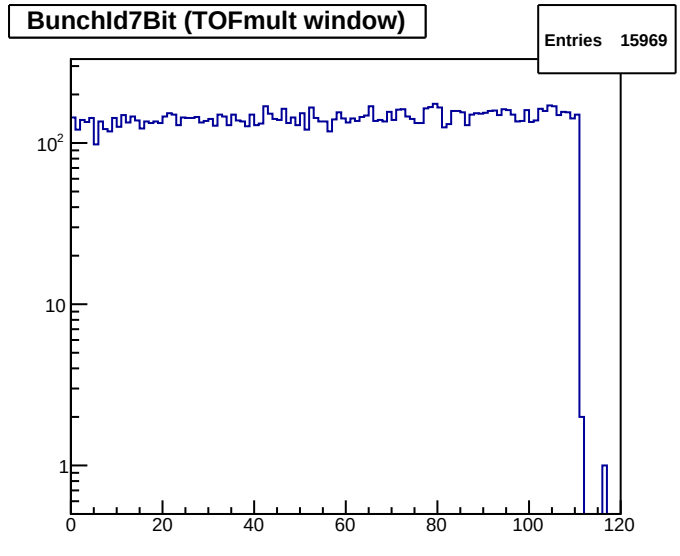

BunchId7Bit (VPD-TAC)
Entries 248419

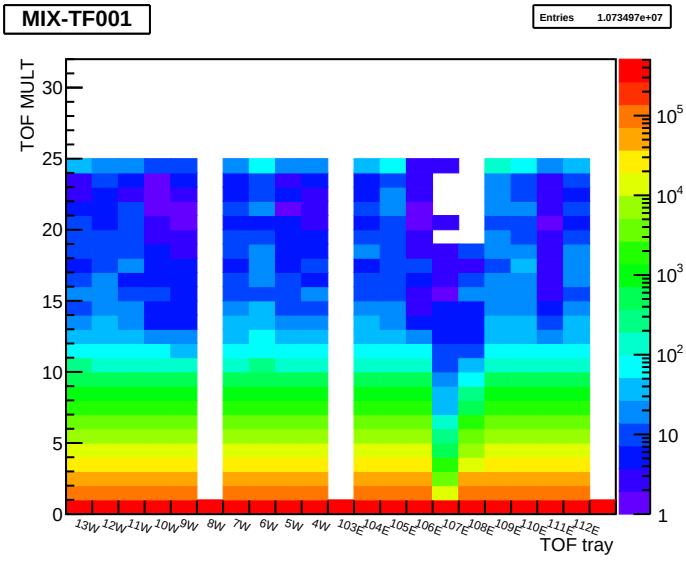

BunchId7Bit (ZDC-TAC)
Entries 1152

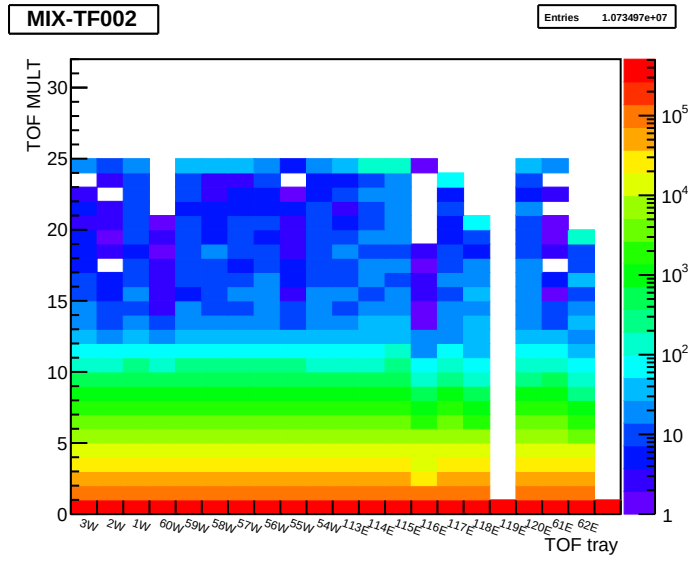

BunchId7Bit (EPD-TAC)
Entries 449678

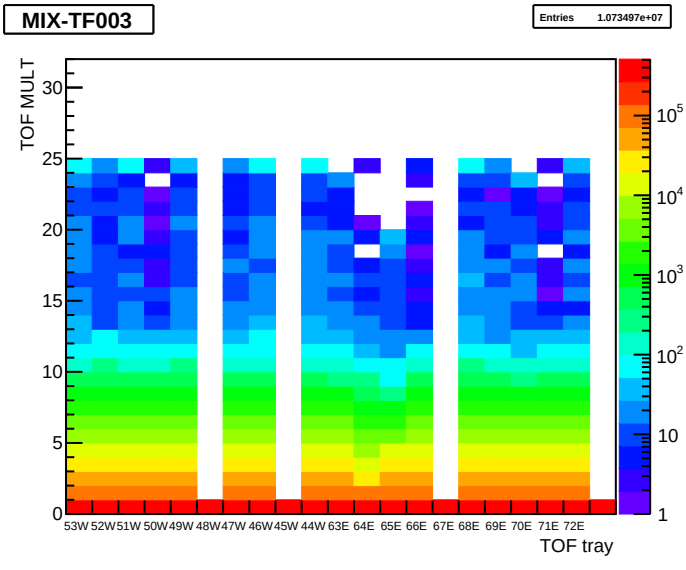

BunchId7Bit (BBC-TAC)
Entries 225112

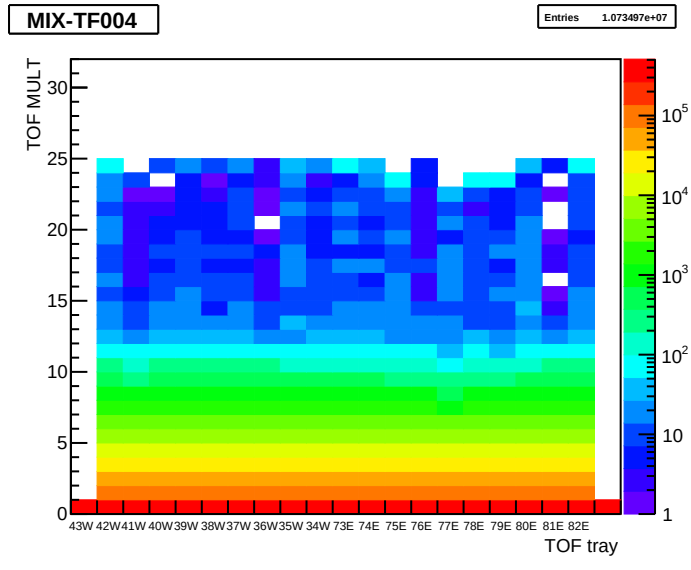

BunchId7Bit (Laser)
Entries 0

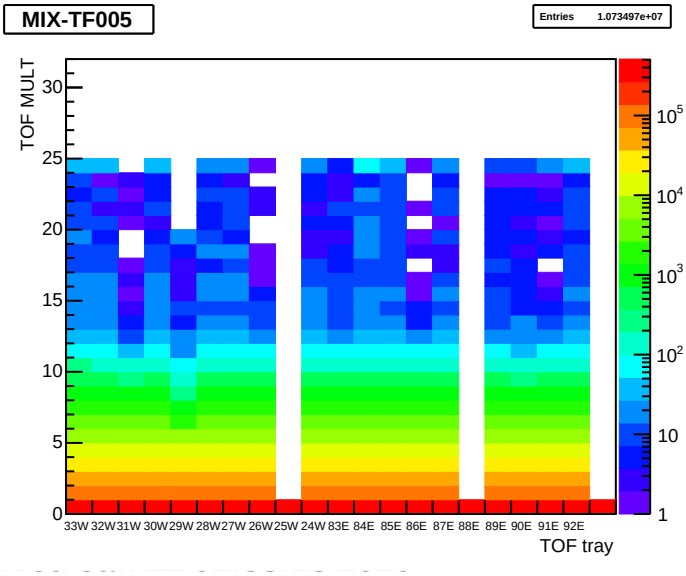

BunchId7Bit (TOFmult window)
Entries 15969

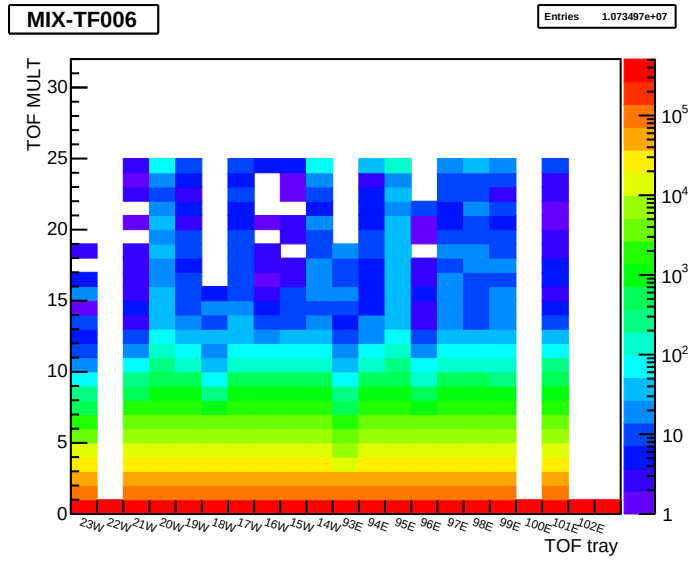

MIX-TF001
Entries 1.073497e+07
TOF MULT
TOF tray

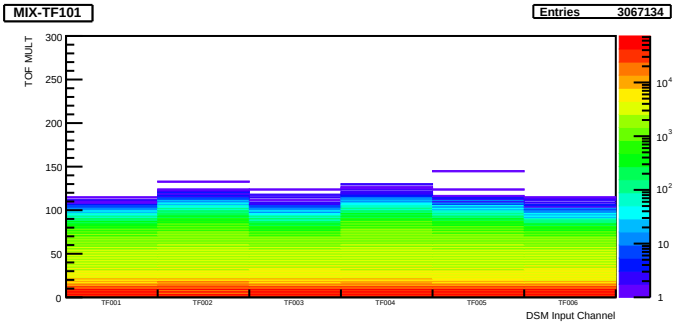

MIX-TF002
Entries 1.073497e+07
TOF MULT
TOF tray

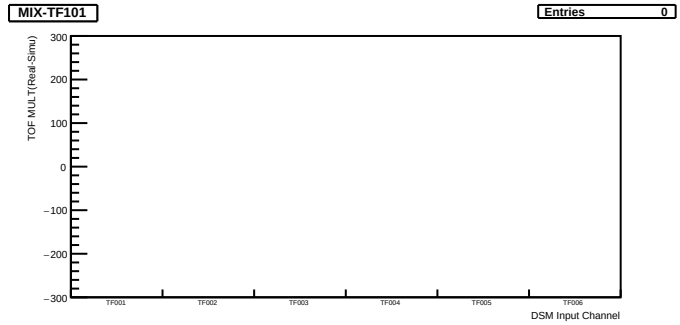

MIX-TF003
Entries 1.073497e+07
TOF MULT
TOF tray

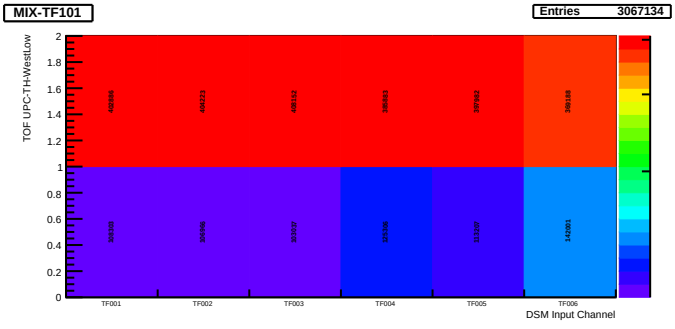

MIX-TF004
Entries 1.073497e+07
TOF MULT
TOF tray

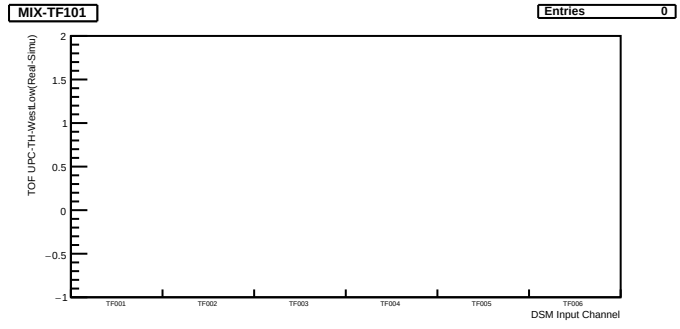

MIX-TF005
Entries 1.073497e+07
TOF MULT
TOF tray

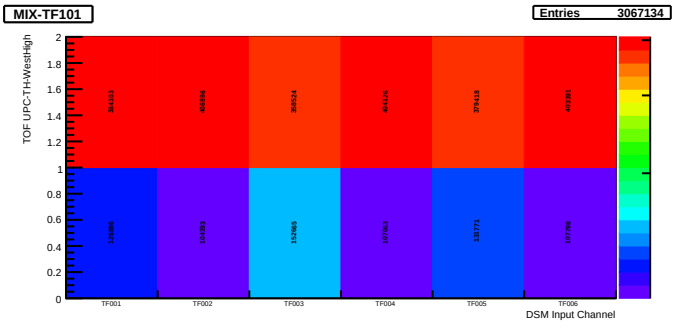

MIX-TF006
Entries 1.073497e+07
TOF MULT
TOF tray

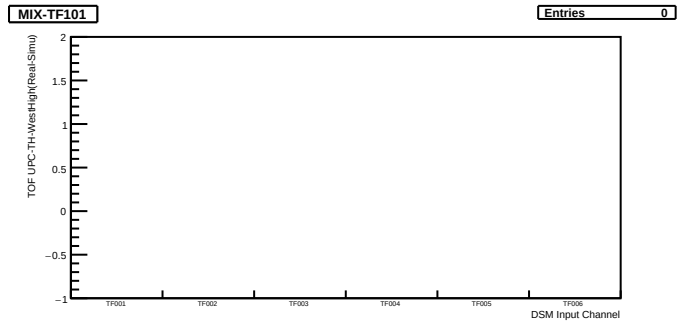

MIX-TF101
Entries 3067134
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

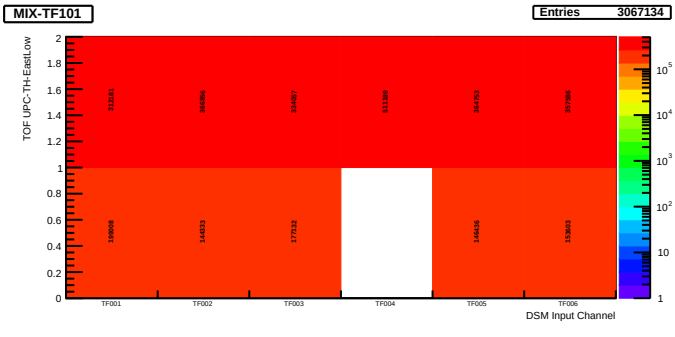

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

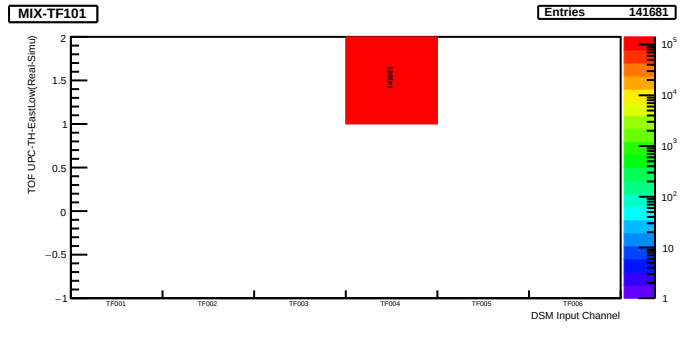

MIX-TF101
Entries 3067134
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

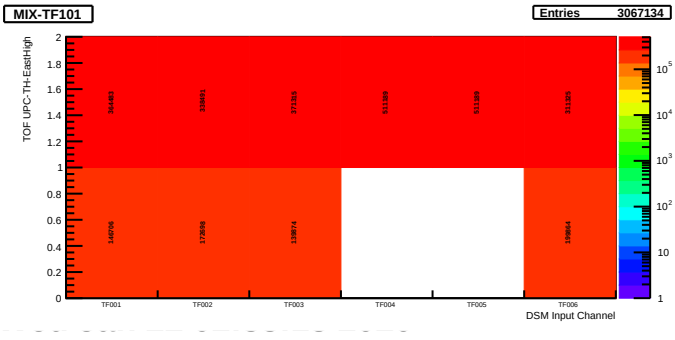

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

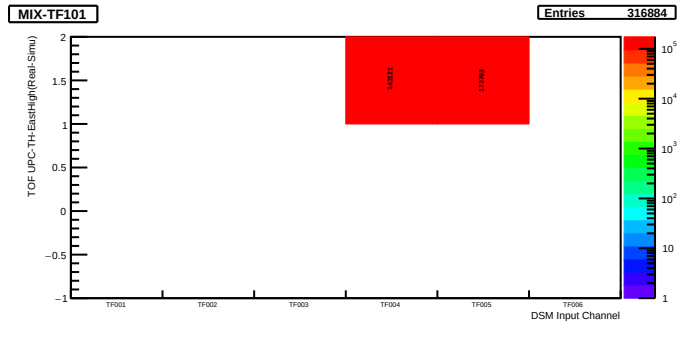

MIX-TF101
Entries 3067134
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

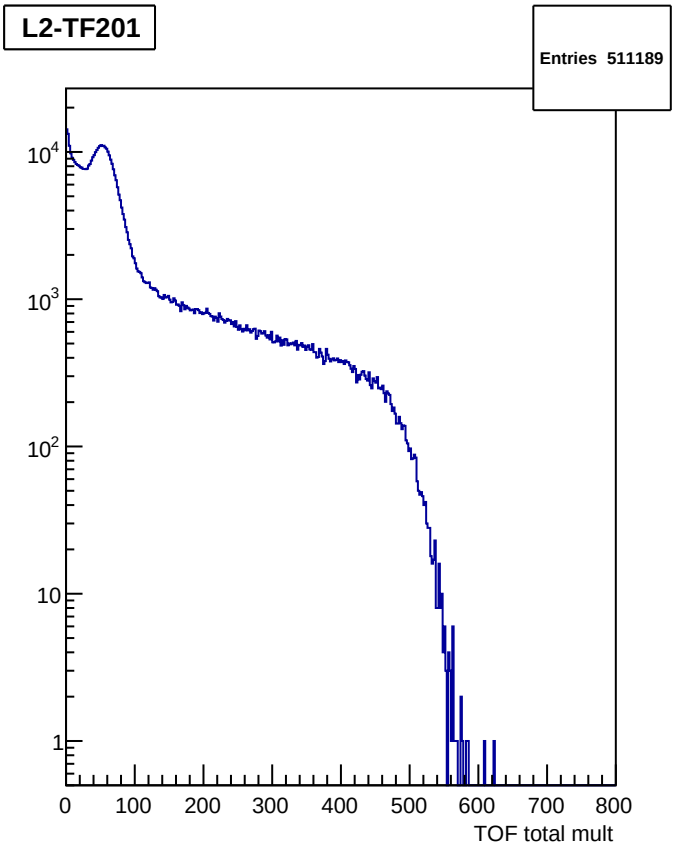

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

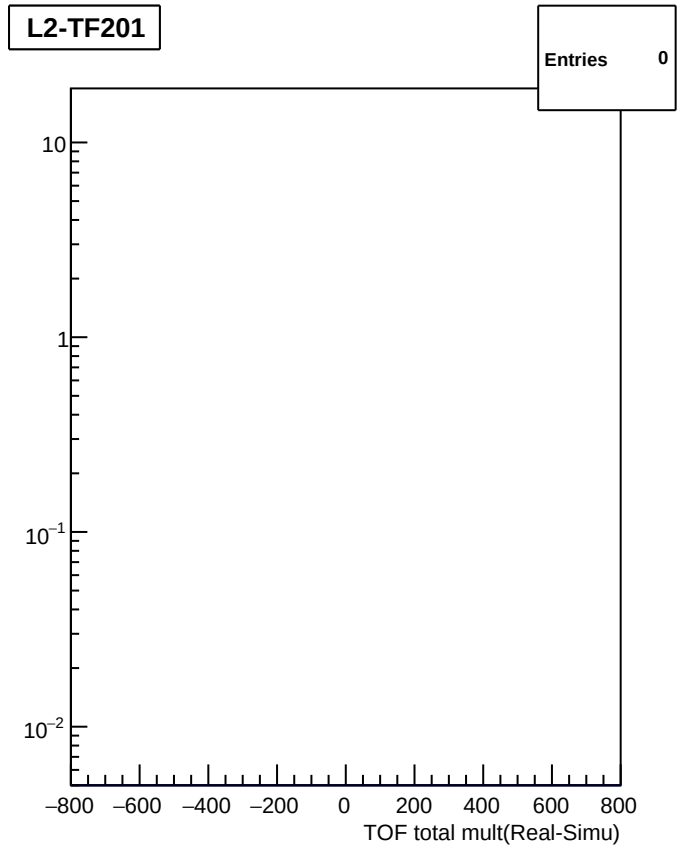

MIX-TF101
Entries 3067134
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

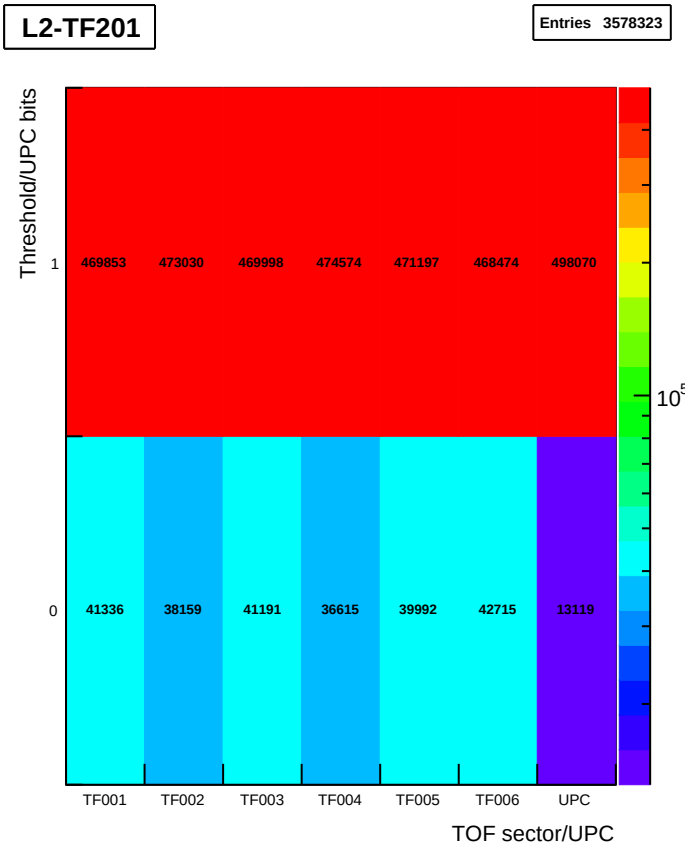

MIX-TF101
Entries 141681
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

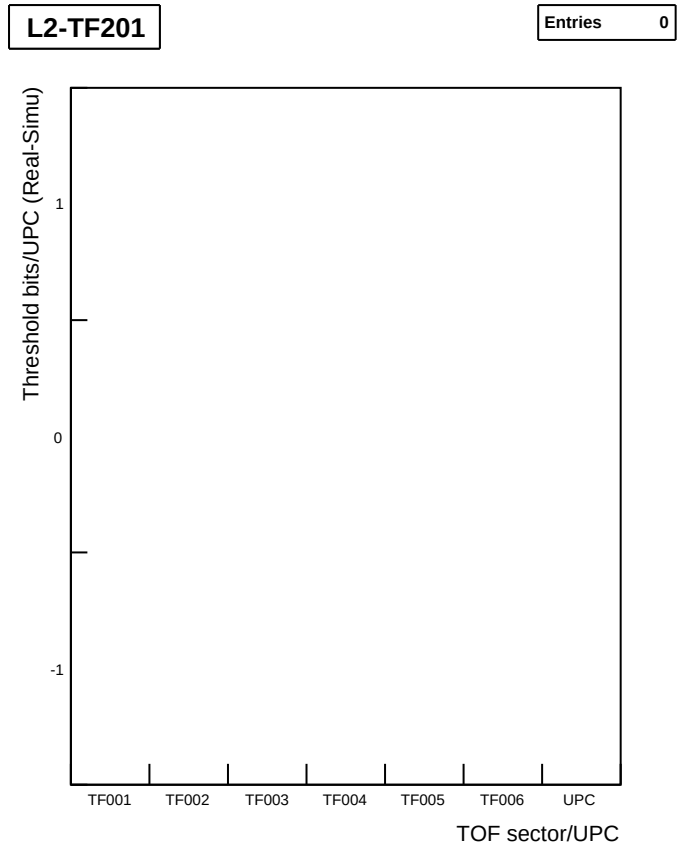

MIX-TF101
Entries 3067134
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

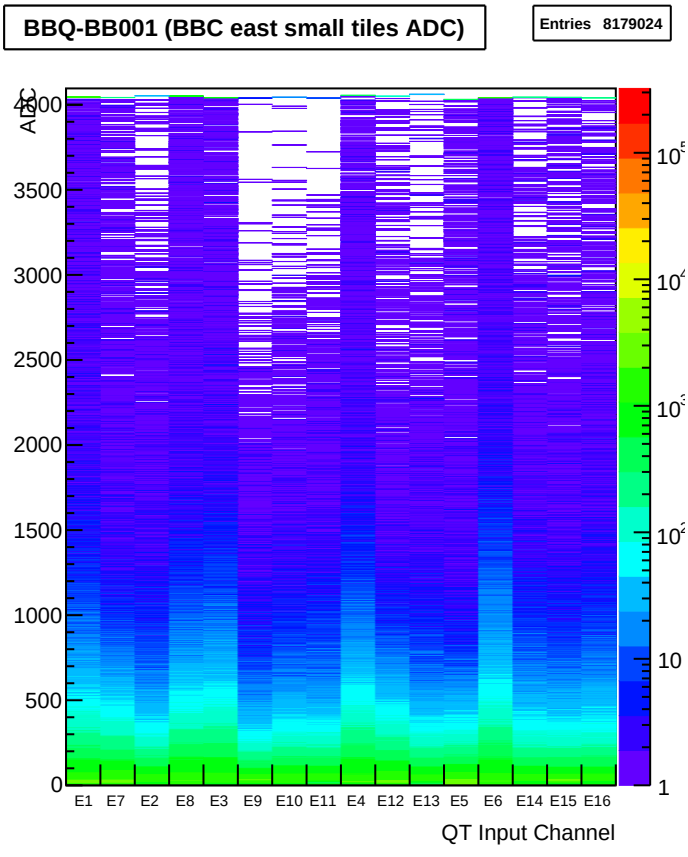

MIX-TF101
Entries 316884
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

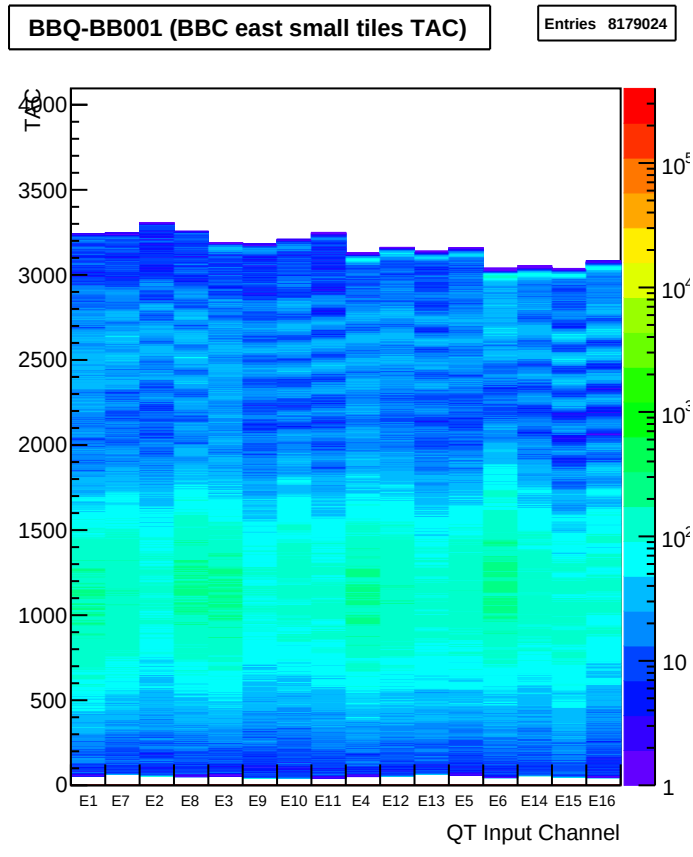

L2-TF201
Entries 511189
TOF total mult

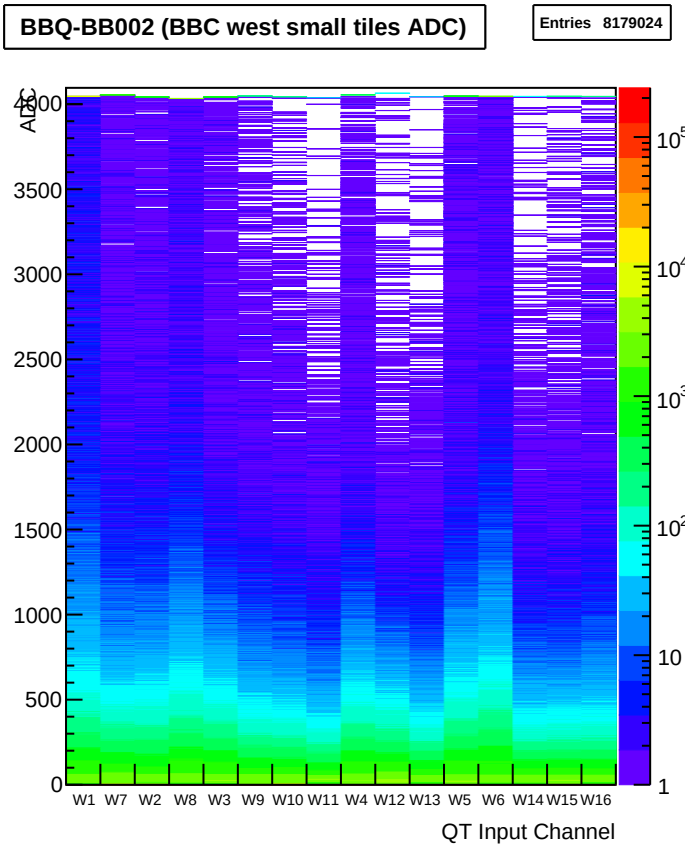

L2-TF201
Entries 0
TOF total mult(Real-Simu)

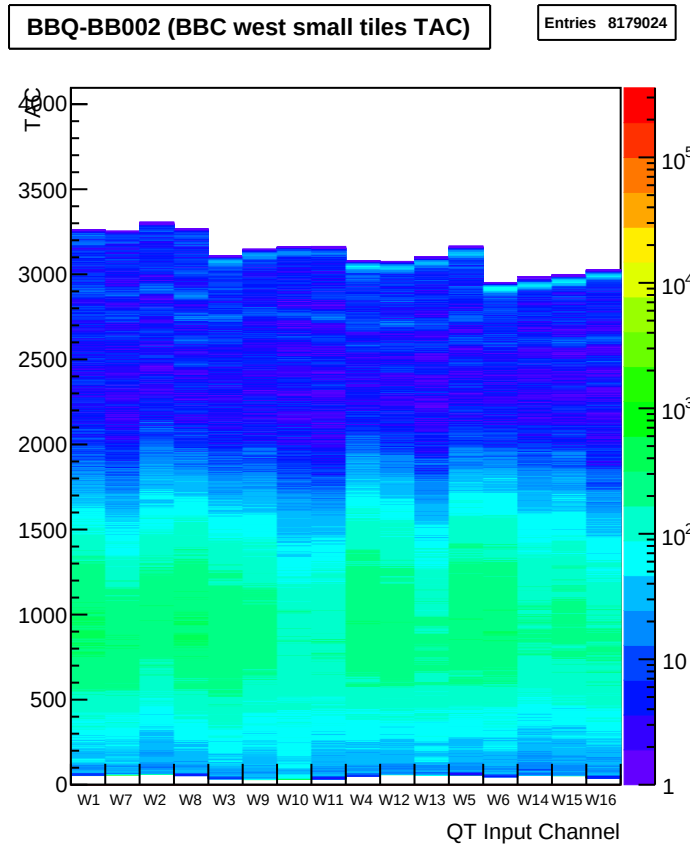

L2-TF201
Entries 3578323
Threshold/UPC bits
469853
473030
469998
474574
471197
468474
498070
41336
38159
41191
36615
39992
42715
13119
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

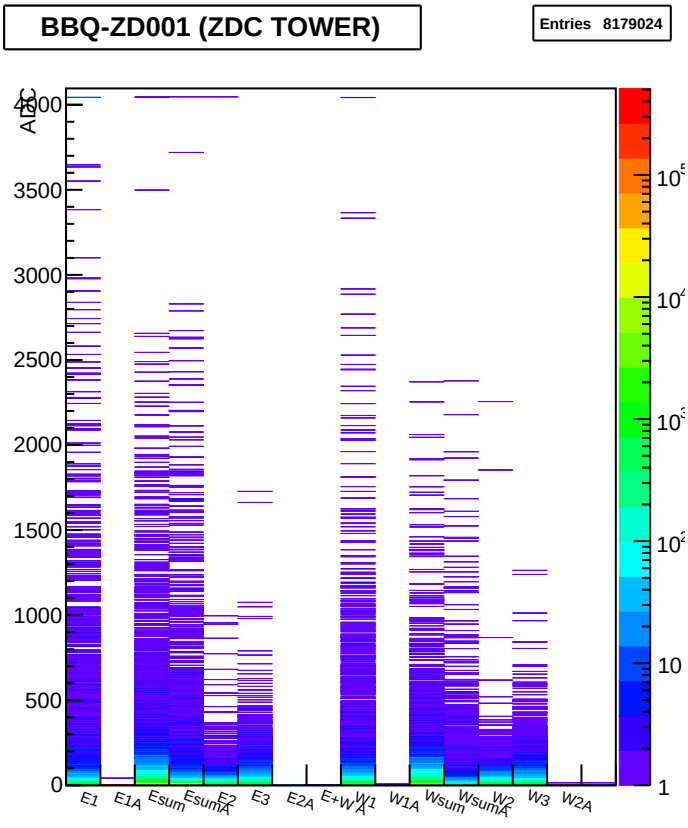

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

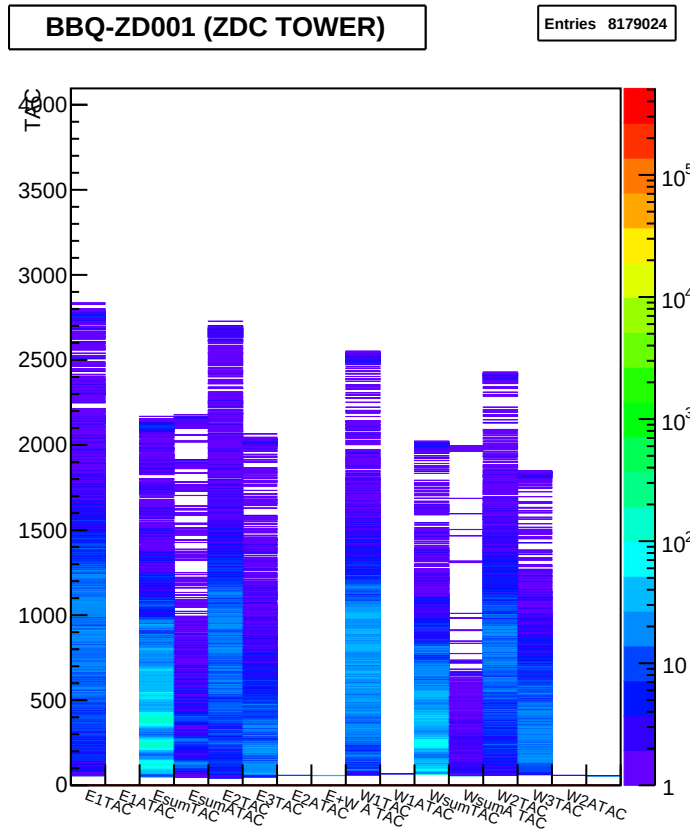

BBQ-BB001 (BBC east small tiles ADC)
Entries 8179024
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

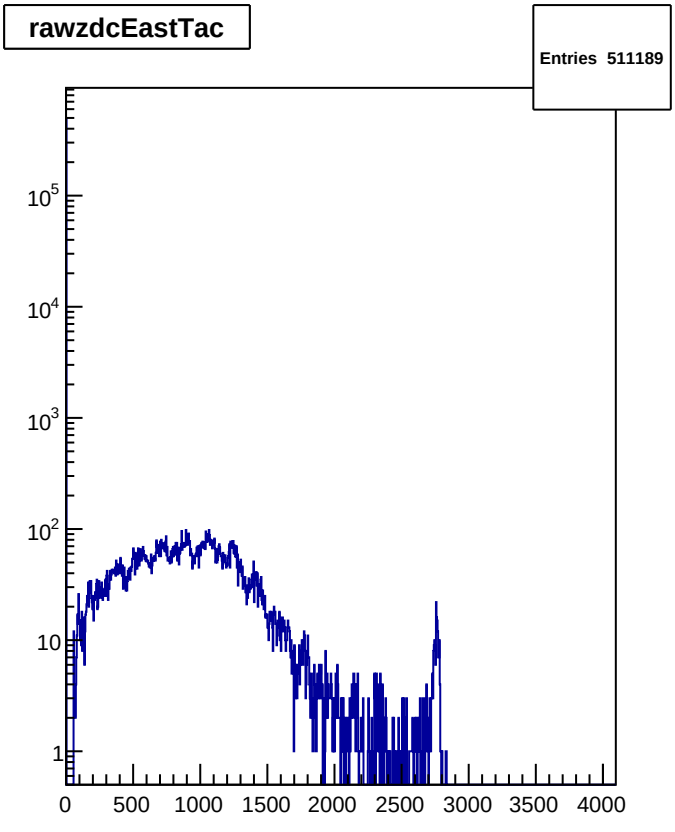

BBQ-BB001 (BBC east small tiles TAC)
Entries 8179024
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

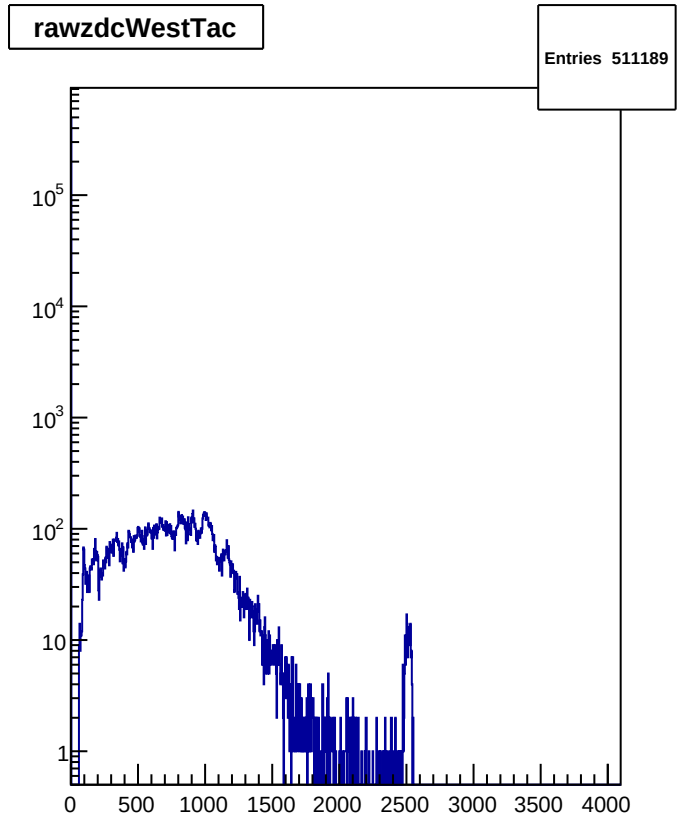

BBQ-BB002 (BBC west small tiles ADC)
Entries 8179024
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

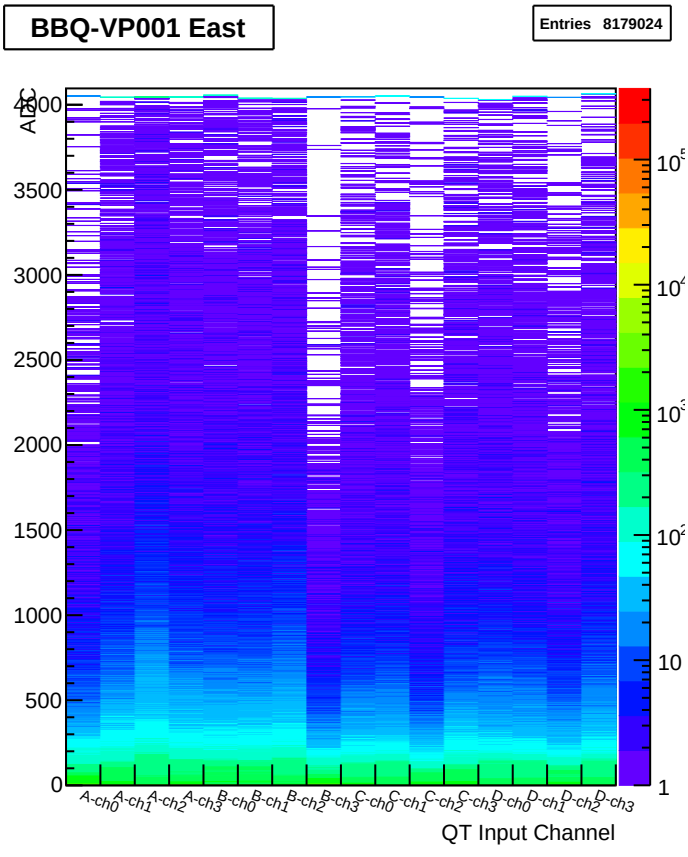

BBQ-BB002 (BBC west small tiles TAC)
Entries 8179024
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

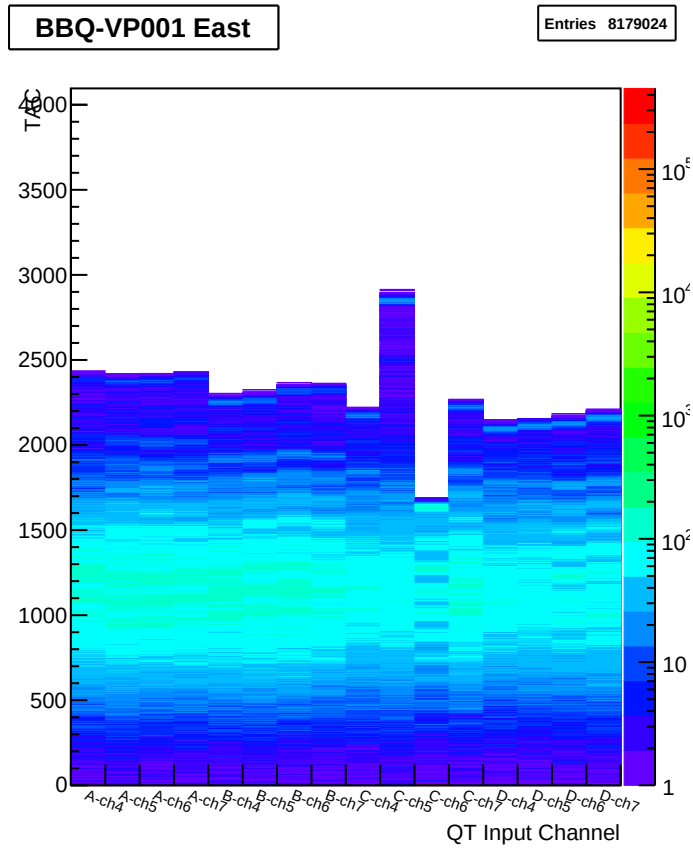

BBQ-ZD001 (ZDC TOWER)
Entries 8179024
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

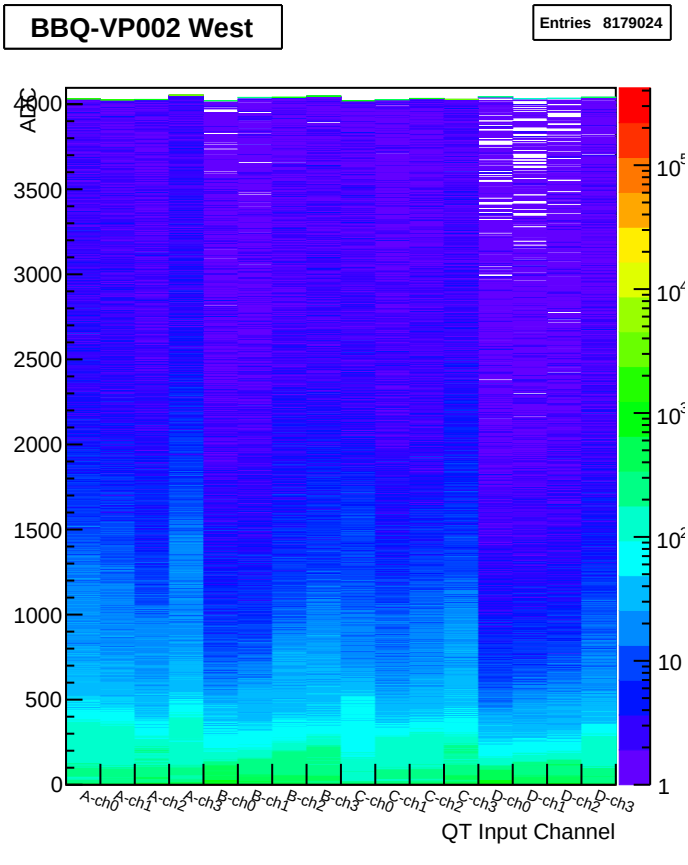

BBQ-ZD001 (ZDC TOWER)
Entries 8179024
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

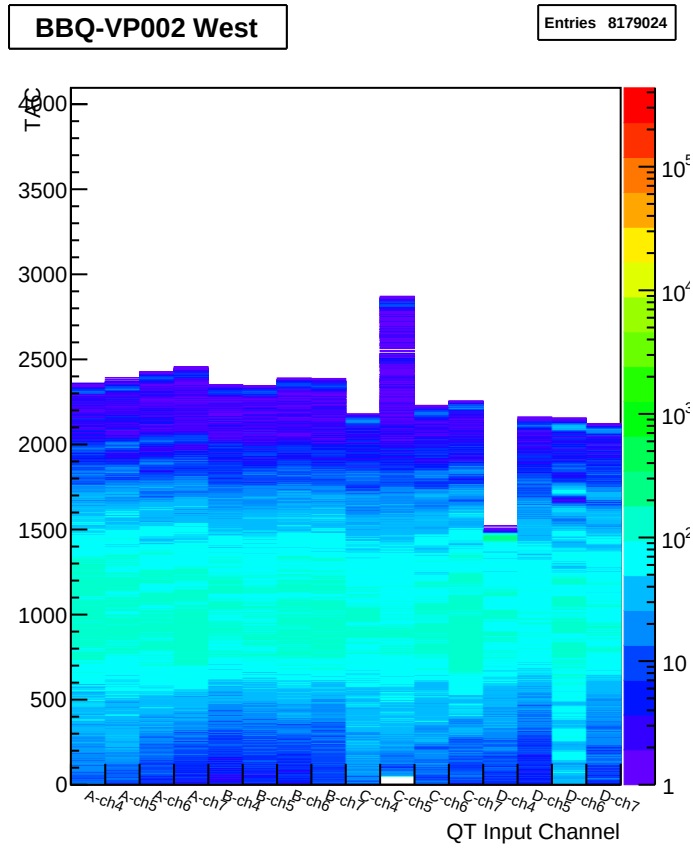

rawzdcEastTac
Entries 511189

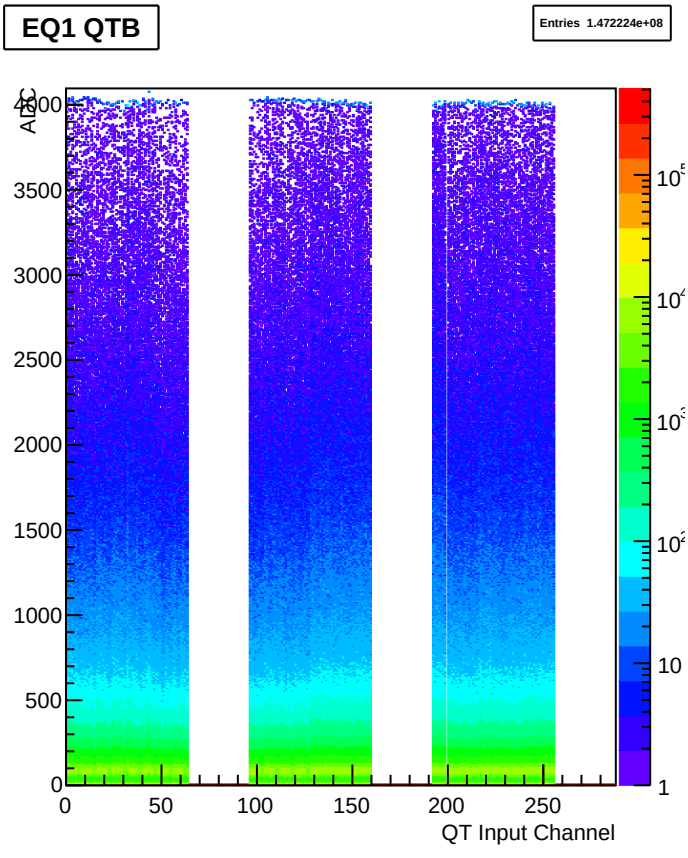

rawzdcWestTac
Entries 511189

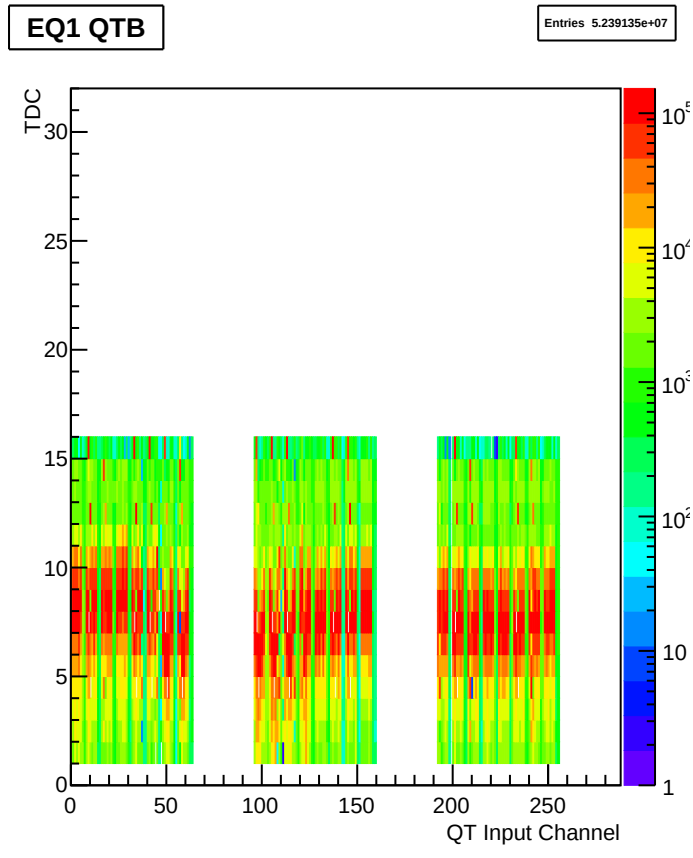

BBQ-VP001 East
Entries 8179024
ADC
QT Input Channel

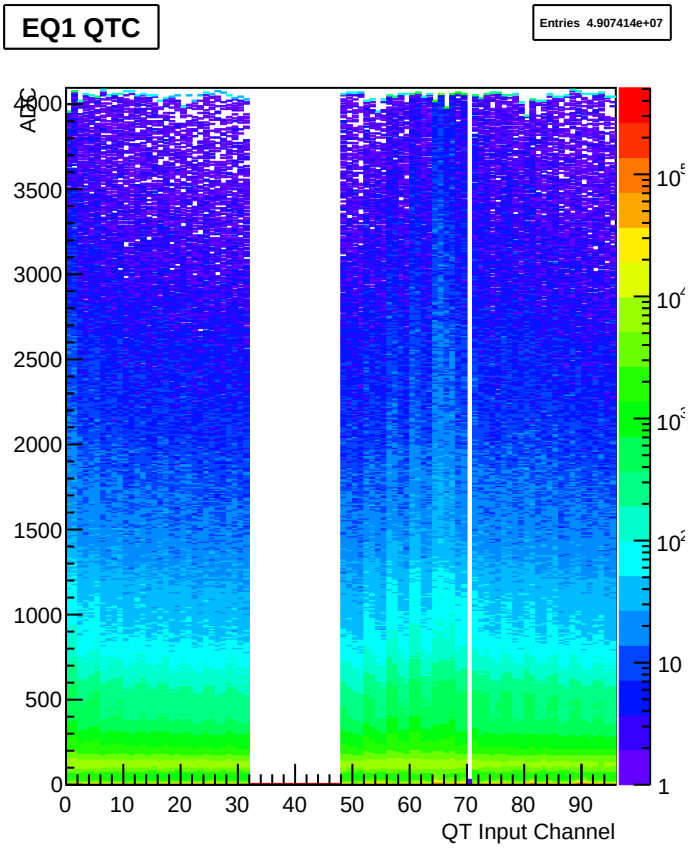

BBQ-VP001 East
Entries 8179024
TADC
QT Input Channel

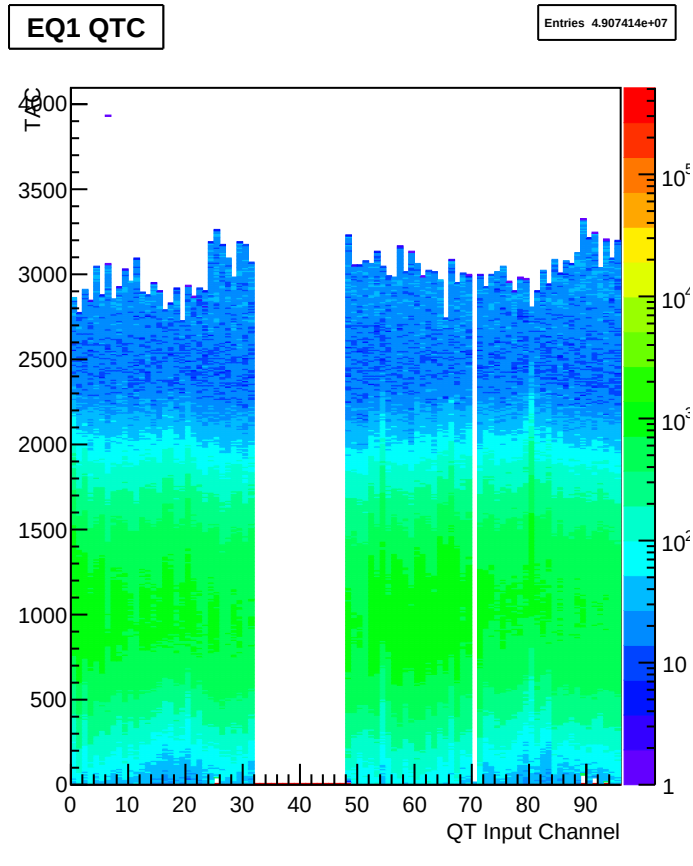

BBQ-VP002 West
Entries 8179024
ADC
QT Input Channel

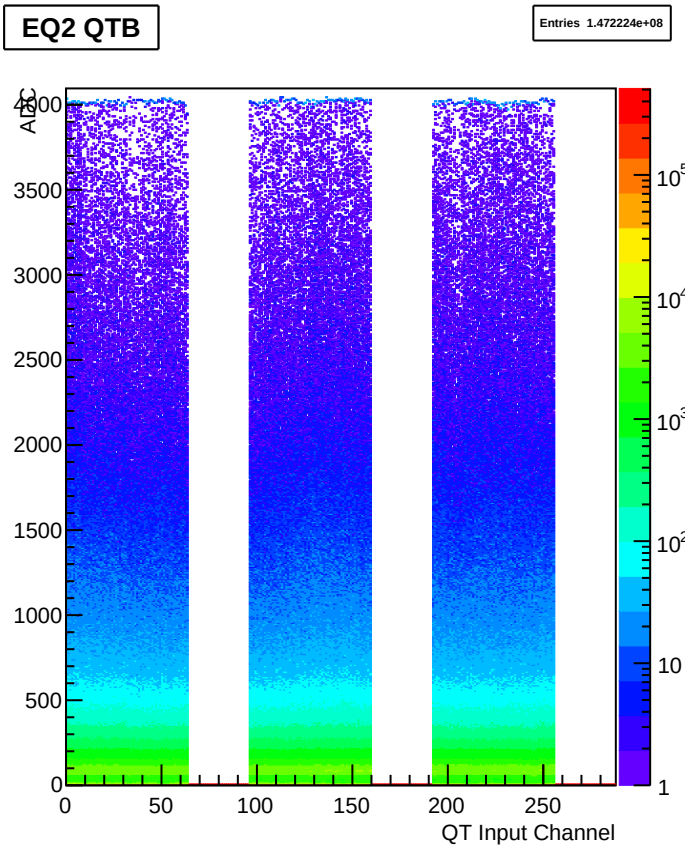

BBQ-VP002 West
Entries 8179024
TADC
QT Input Channel

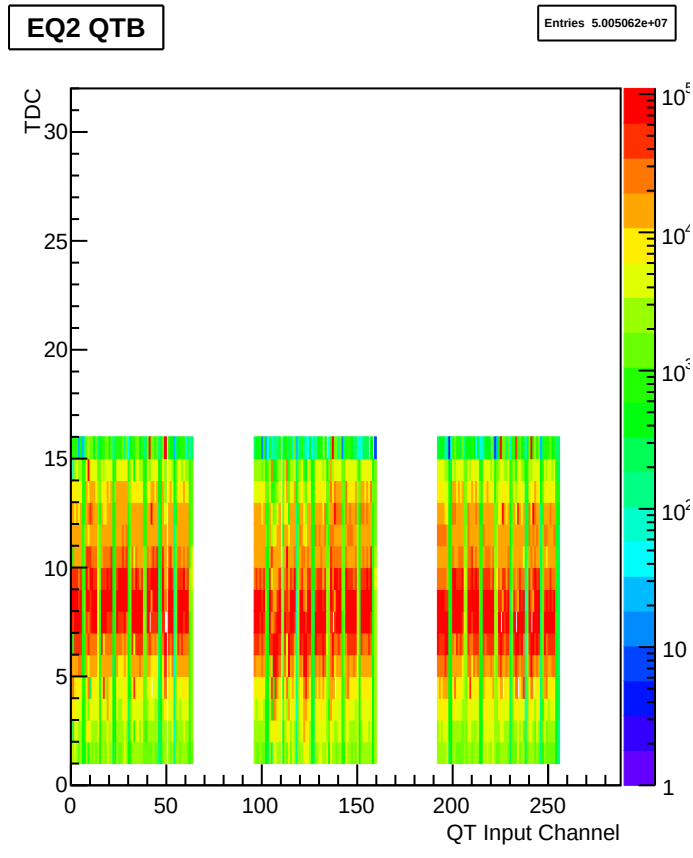

EQ1 QTB
Entries 1.472224e+08
ADC
QT Input Channel

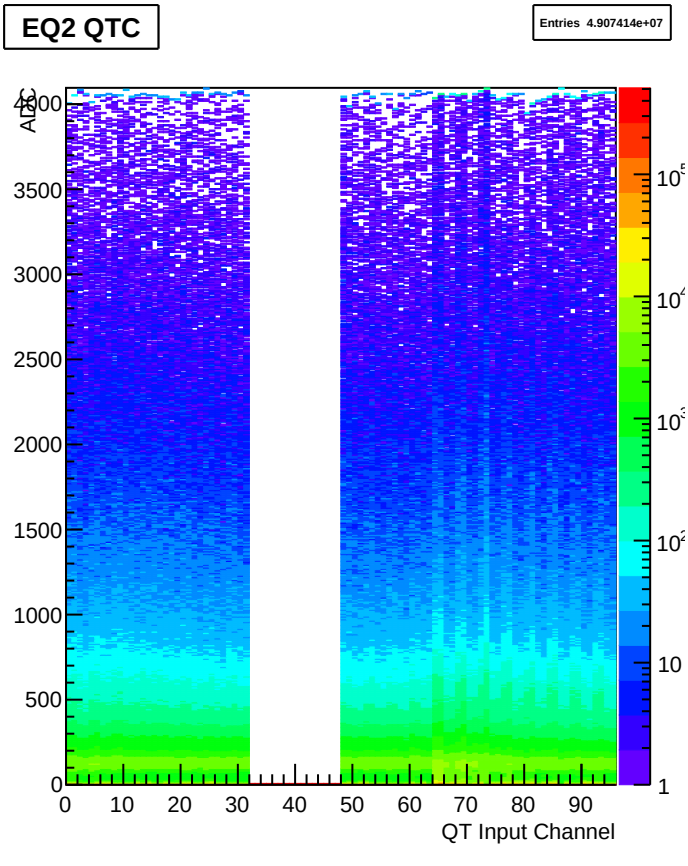

EQ1 QTB
Entries 5.239135e+07
TDC
QT Input Channel

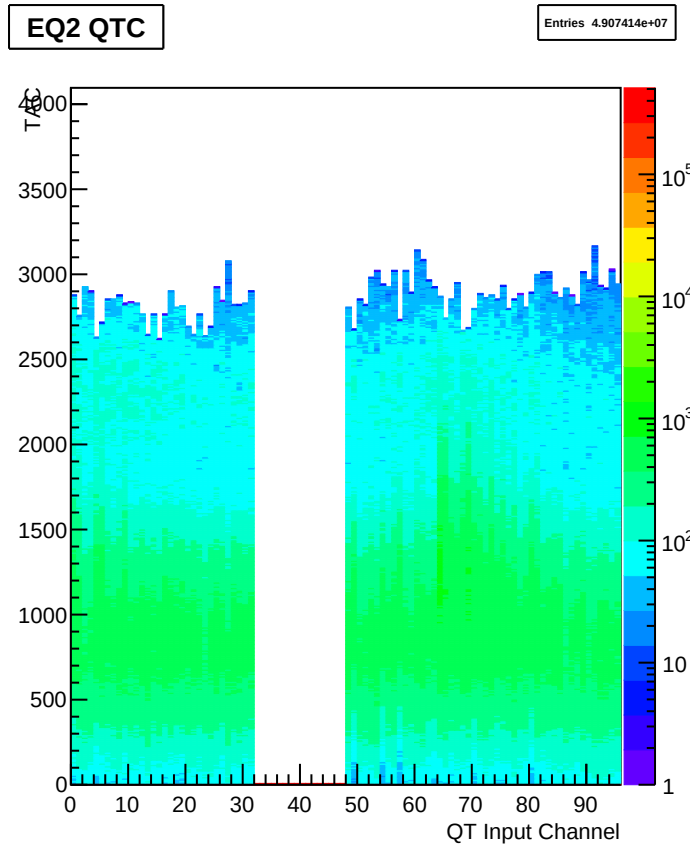

EQ1 QTC
Entries 4.907414e+07
ADC
QT Input Channel

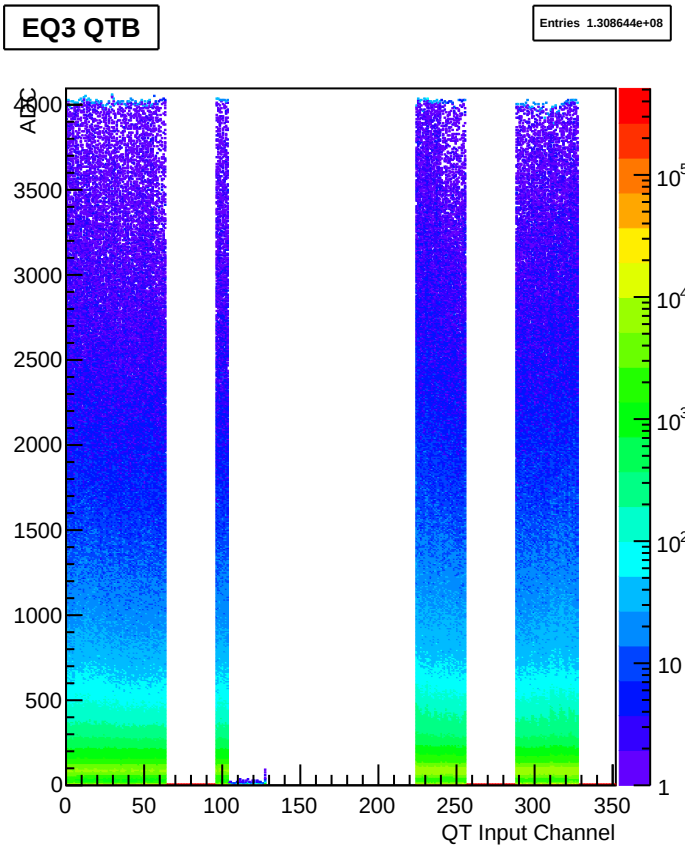

EQ1 QTC
Entries 4.907414e+07
TADC
QT Input Channel

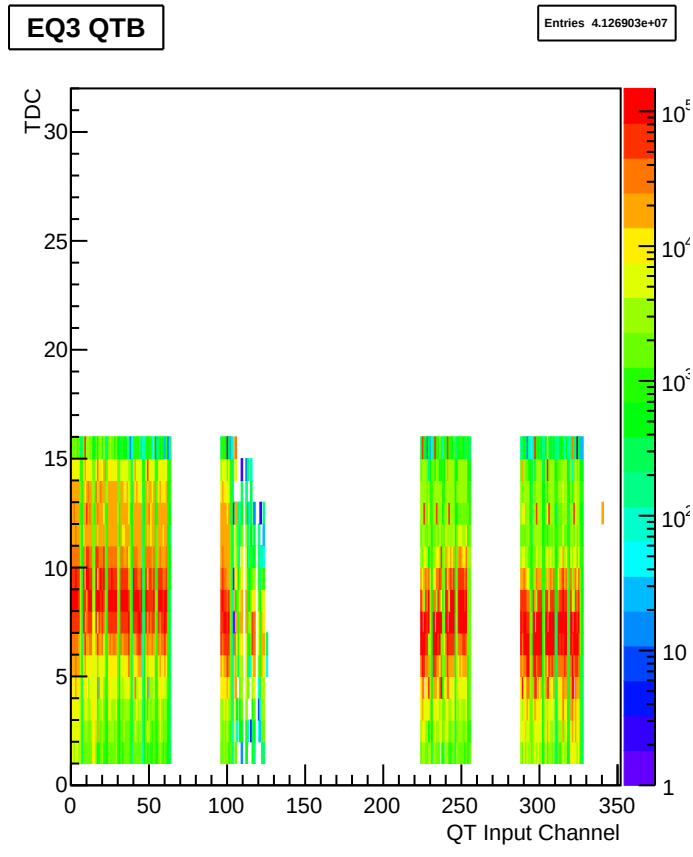

EQ2 QTB
Entries 1.472224e+08
ADC
QT Input Channel

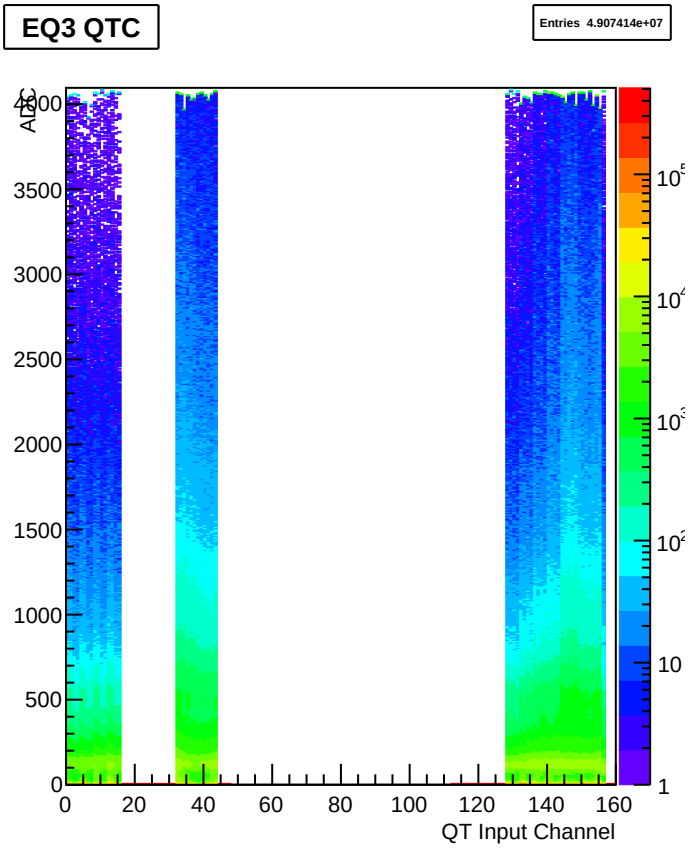

EQ2 QTB
Entries 5.005062e+07
TDC
QT Input Channel

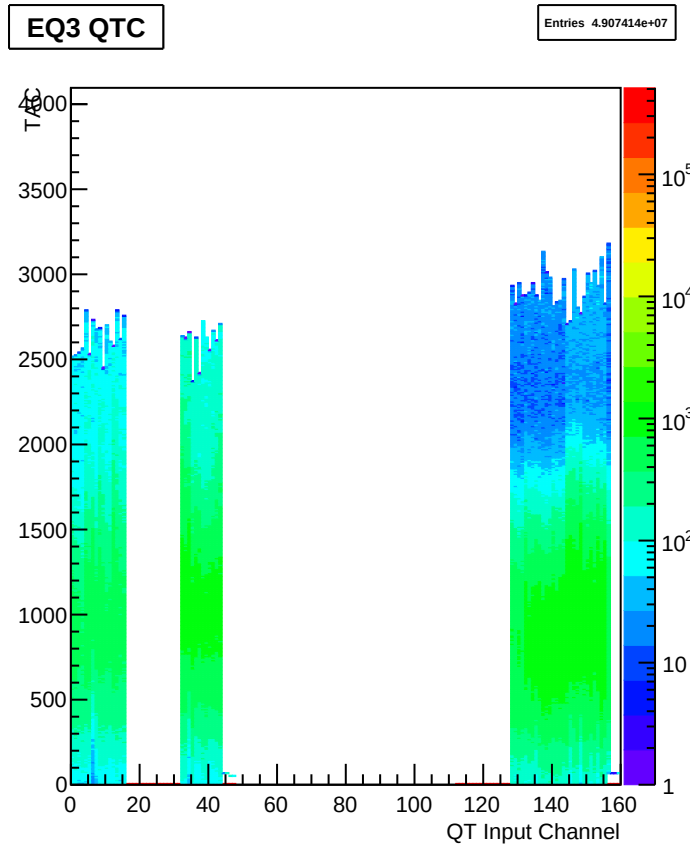

EQ2 QTC
Entries 4.907414e+07
ADC
QT Input Channel

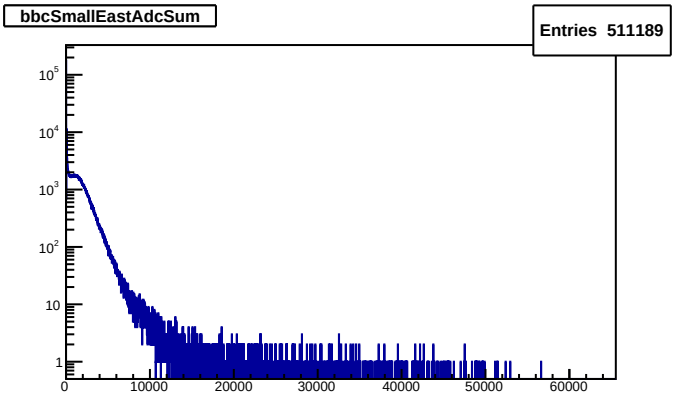

EQ2 QTC
Entries 4.907414e+07
TADC
QT Input Channel

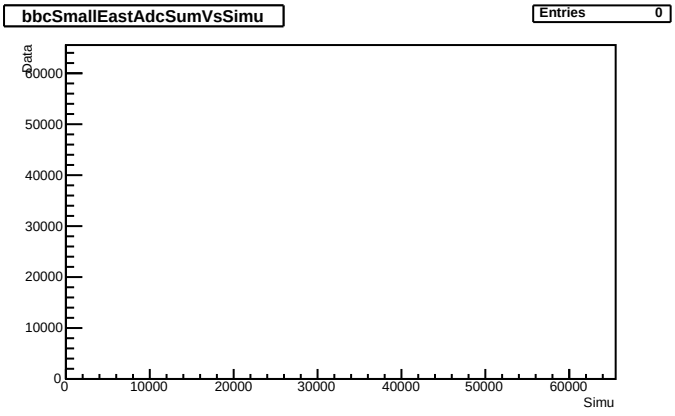

EQ3 QTB
Entries 1.308644e+08
ADC
QT Input Channel

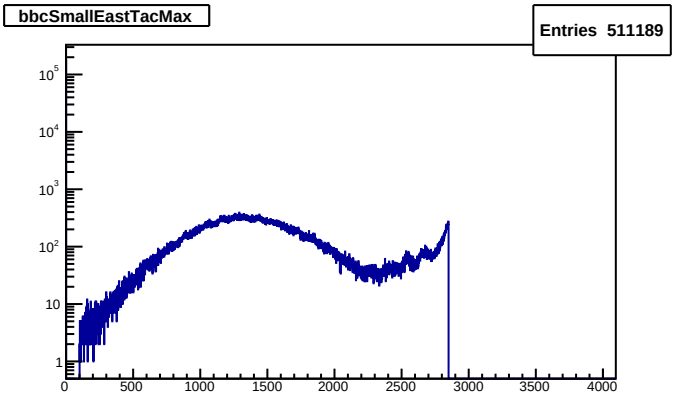

EQ3 QTB
Entries 4.126903e+07
TDC
QT Input Channel

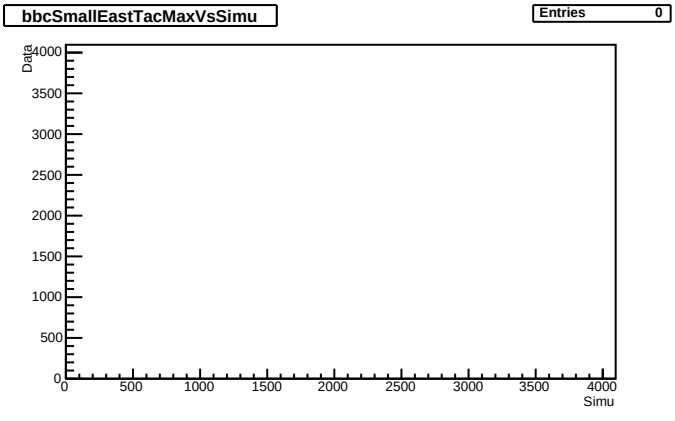

EQ3 QTC
Entries 4.907414e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.907414e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 511189


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 511189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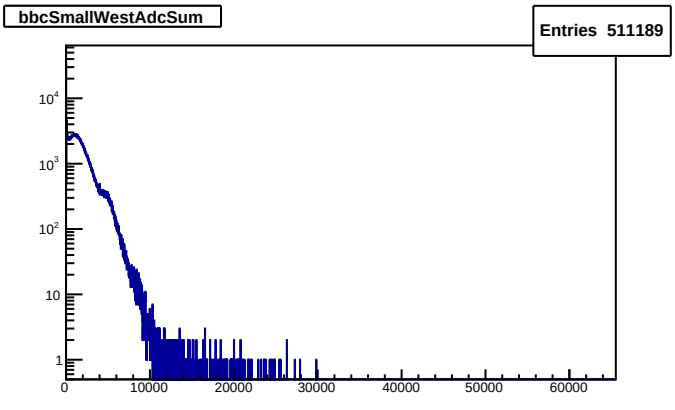
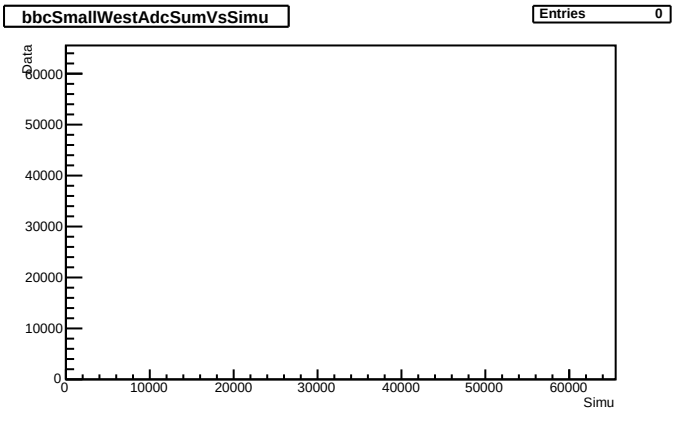
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries 511189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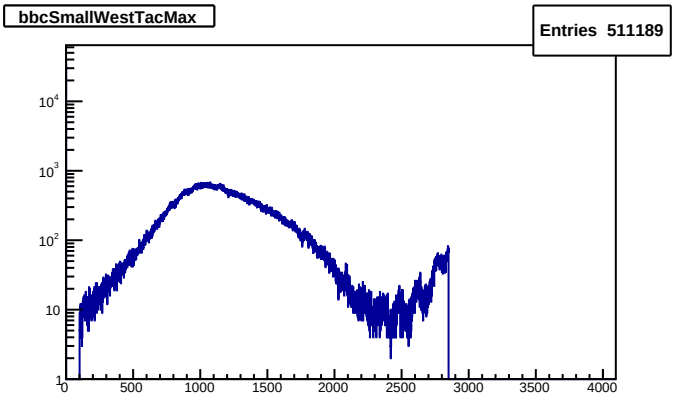
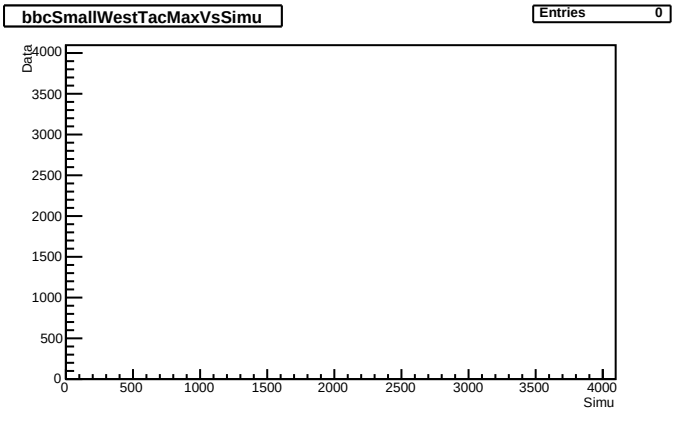
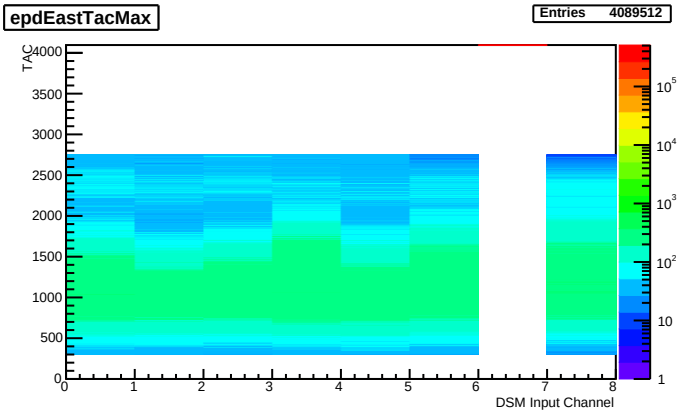
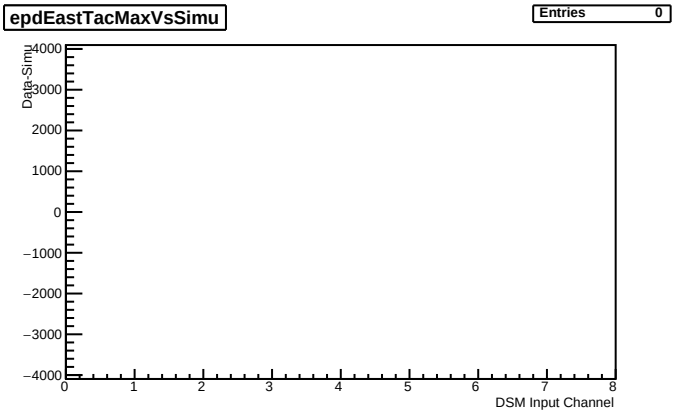
Entries 0
Data
Simu


bbcSmallWestTacMax
Entries 511189


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 4089512
TAC
DSM Input Channel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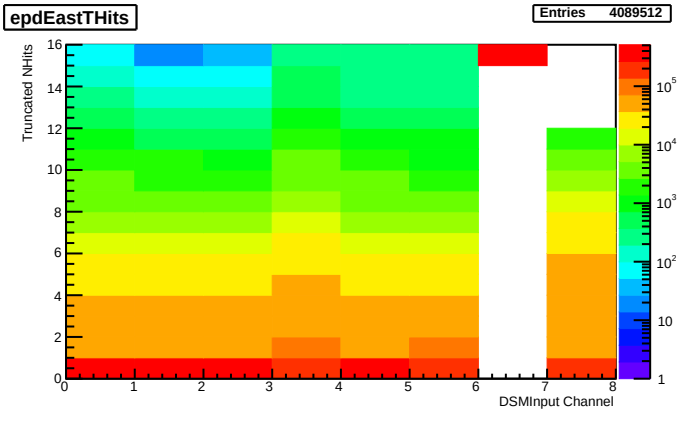
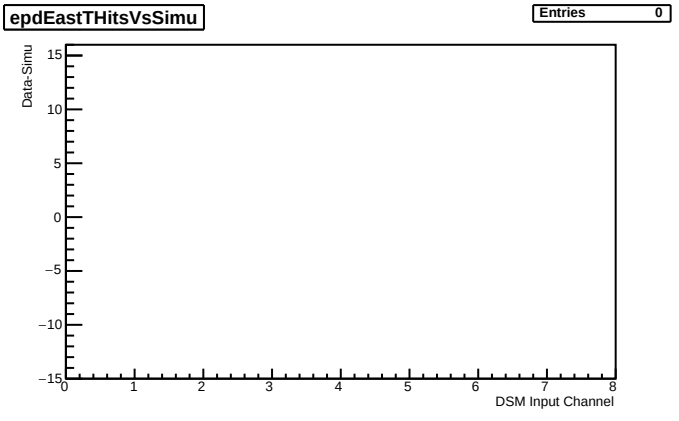
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4089512
Truncated NHits
DSMInput Channel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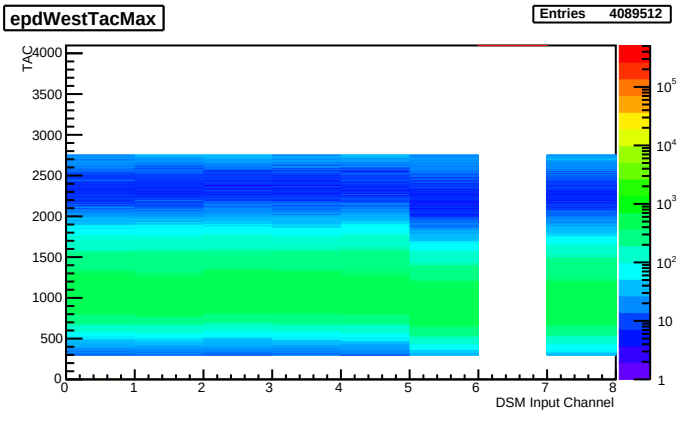
DSM Input Channel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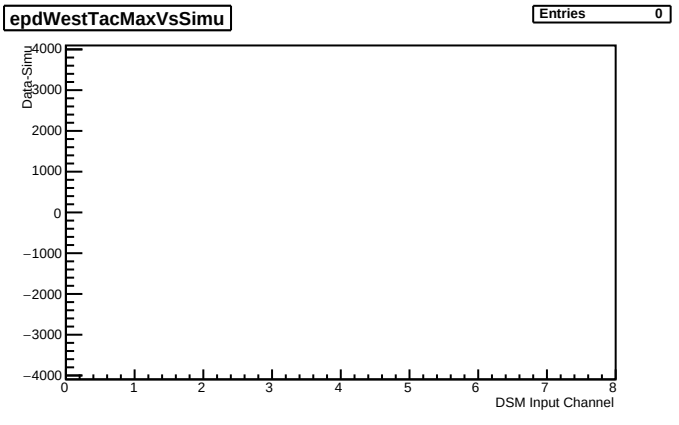
DSM Input Channel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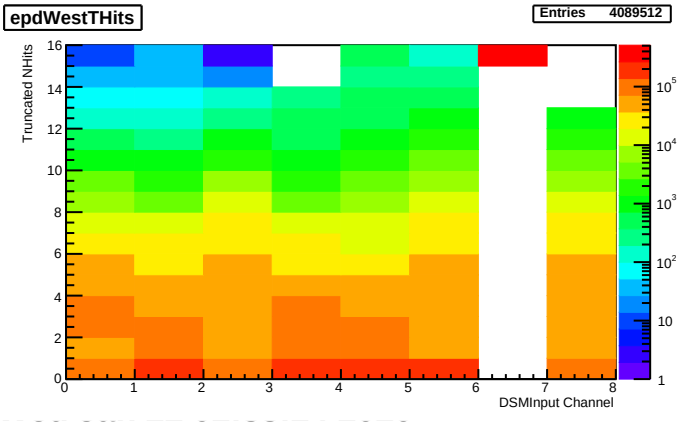
Entries 0
Data-Simu
DSM Input Channel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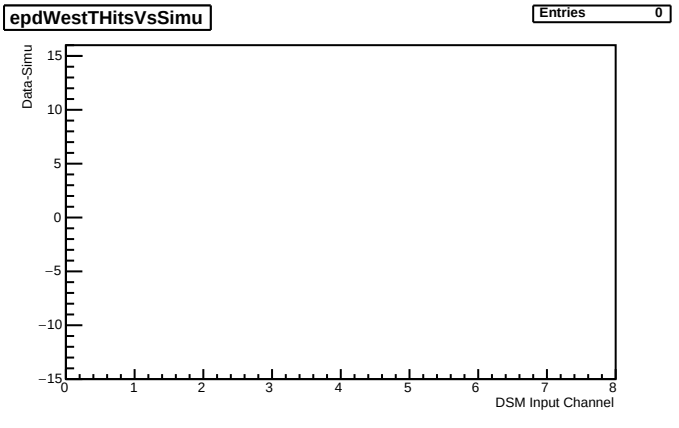
Entries 4089512
Truncated NHits
DSMInput Channel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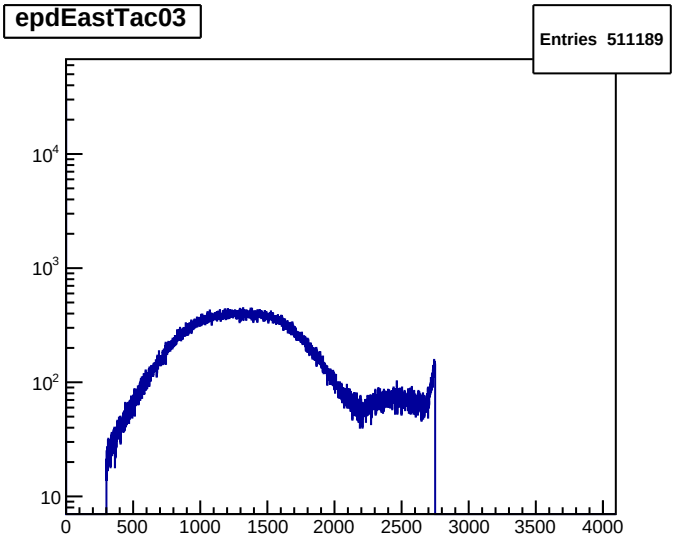
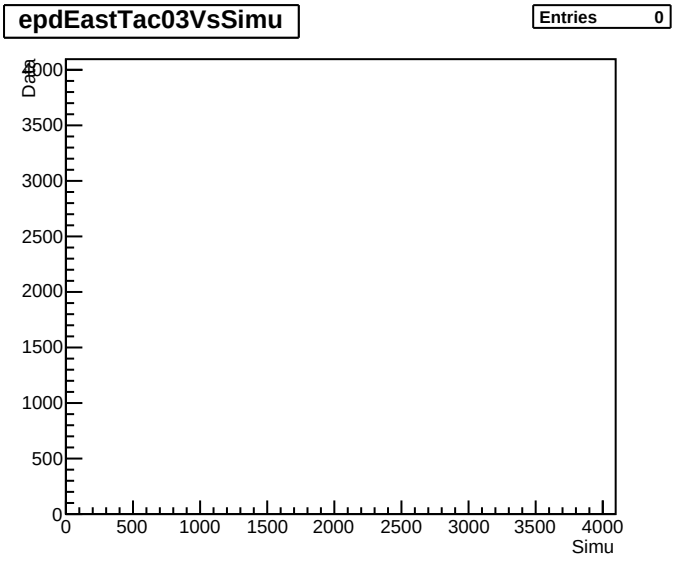
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 511189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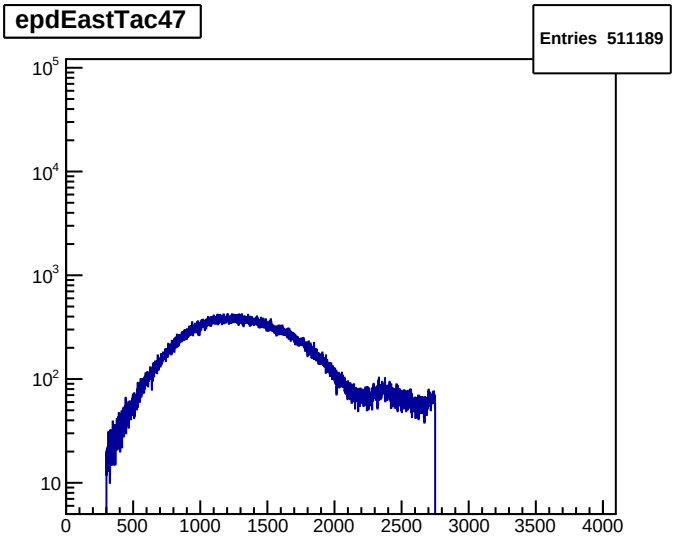
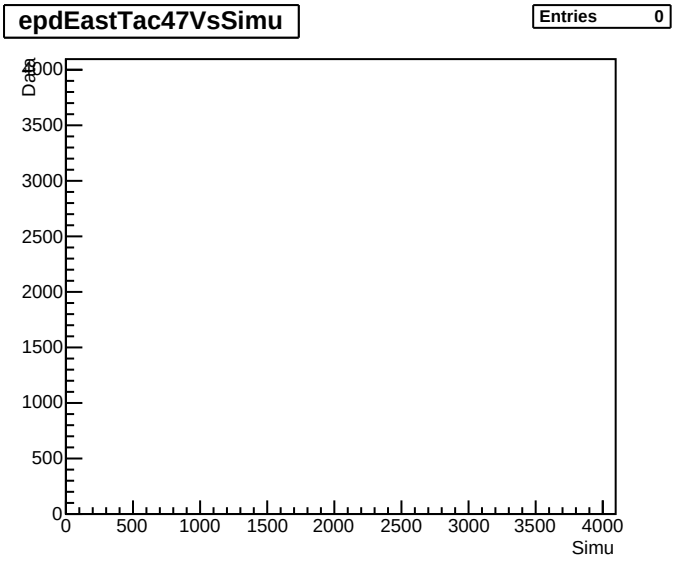
Entries 0
Data
Simu


epdEastTac47
Entries 511189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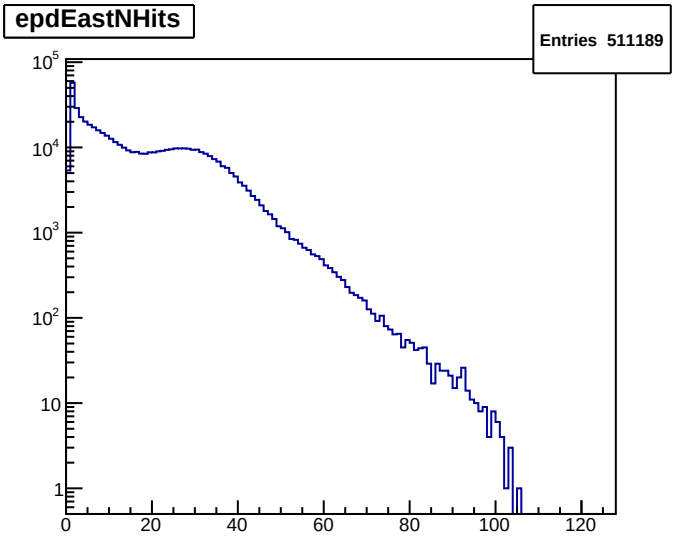
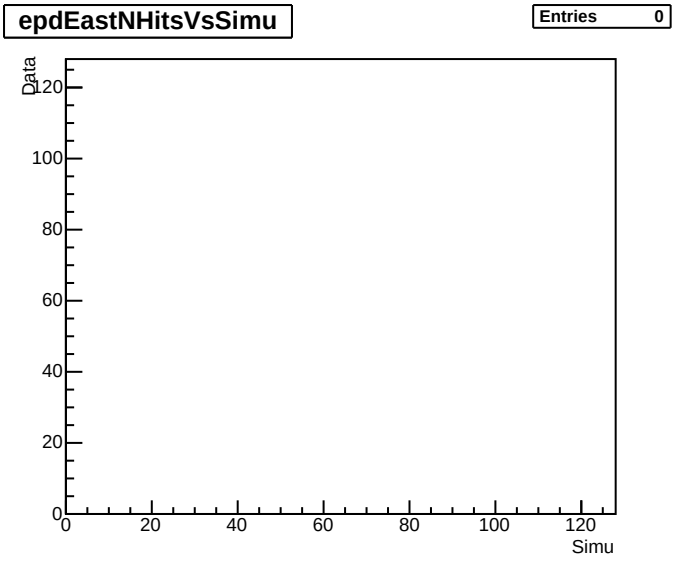
Entries 0
Data
Simu


epdEastNHits
Entries 511189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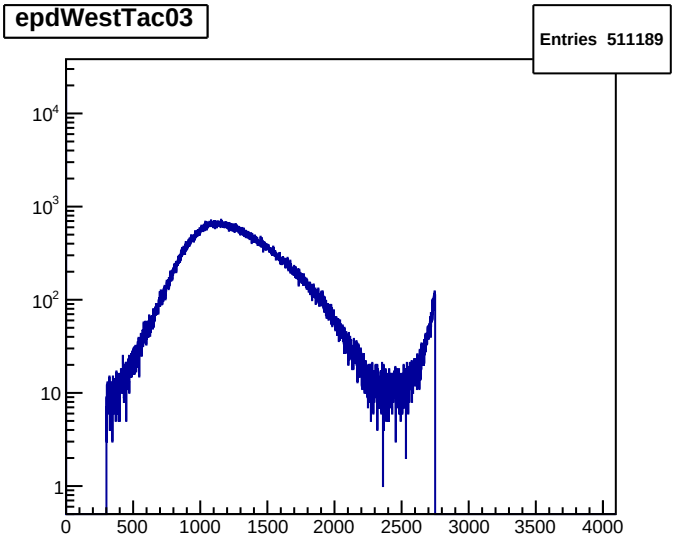
Entries 0
Data
Simu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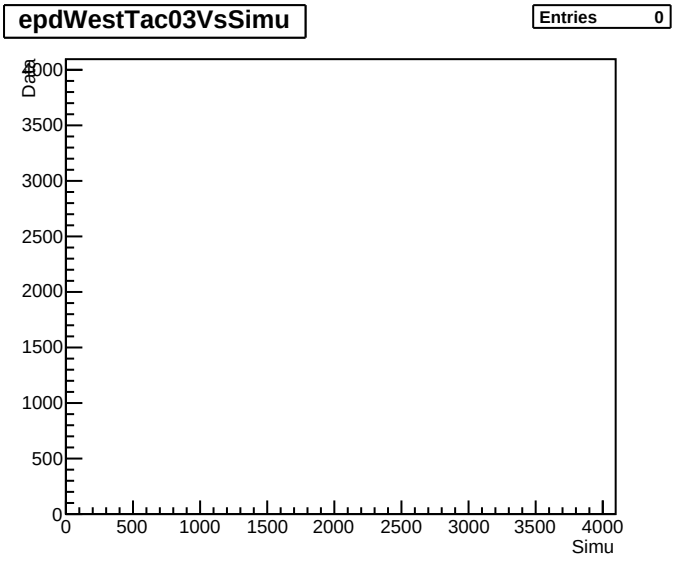
Entries 511189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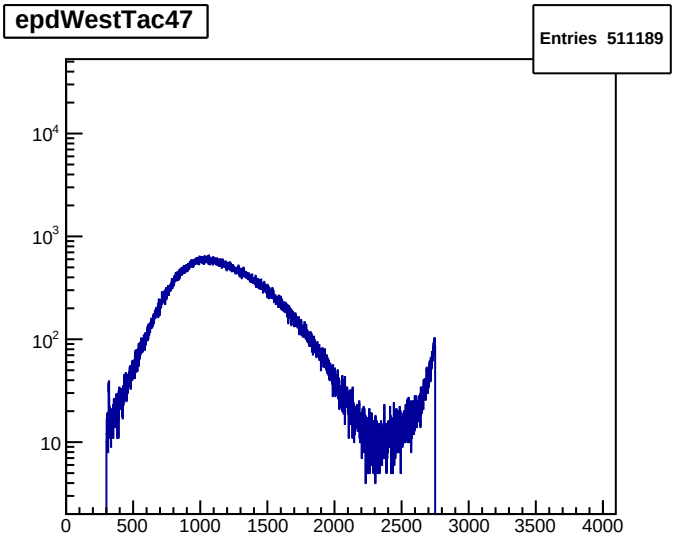
Entries 0
Data
Simu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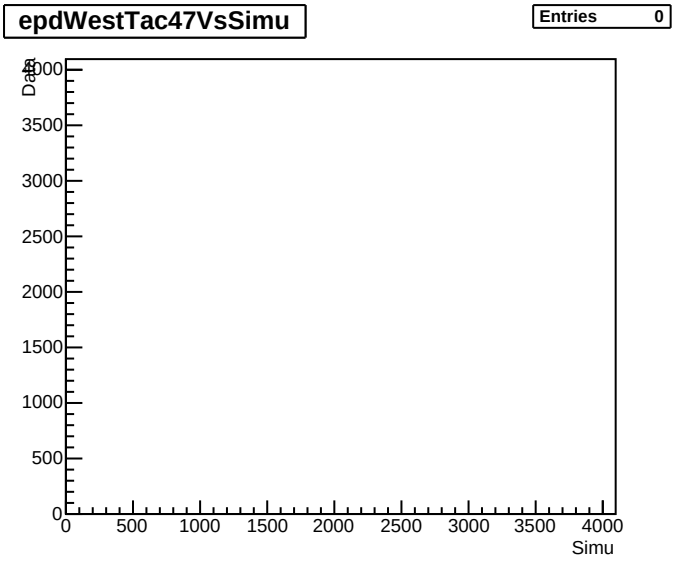
Entries 511189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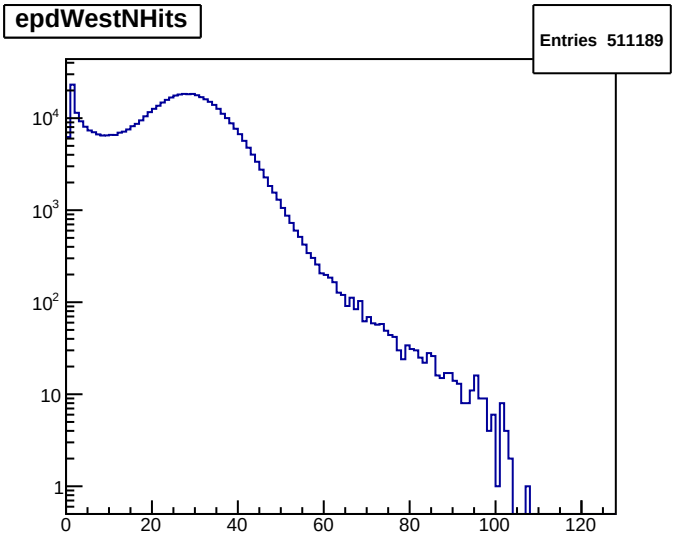
Entries 0
Data
Simu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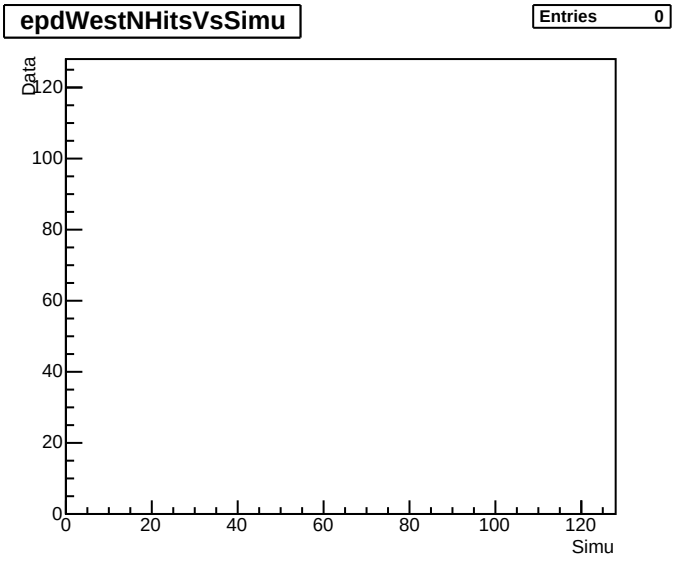
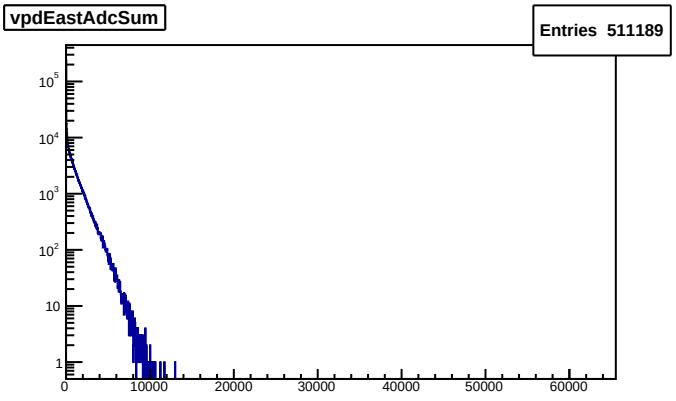
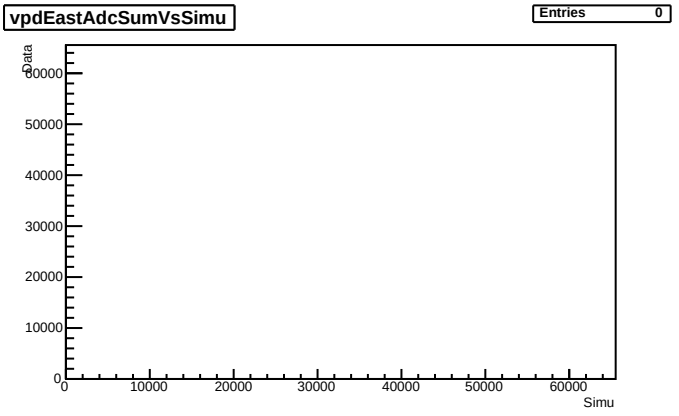
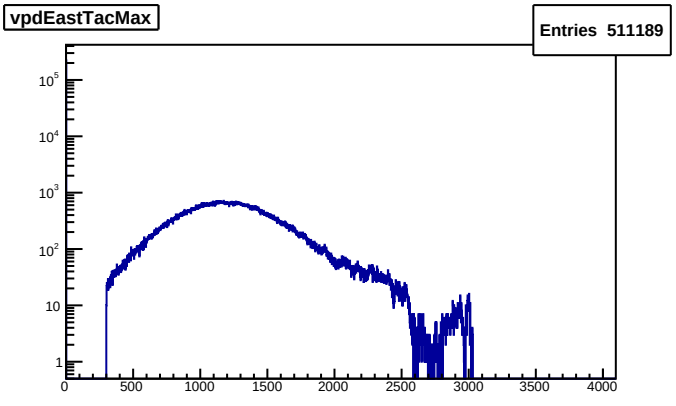
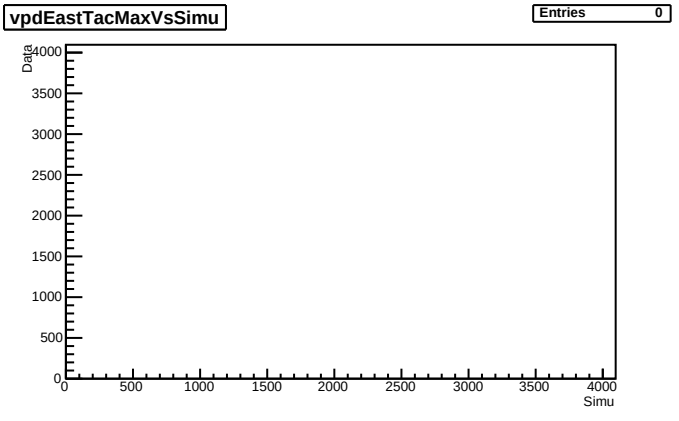
Entries 511189


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 511189


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 511189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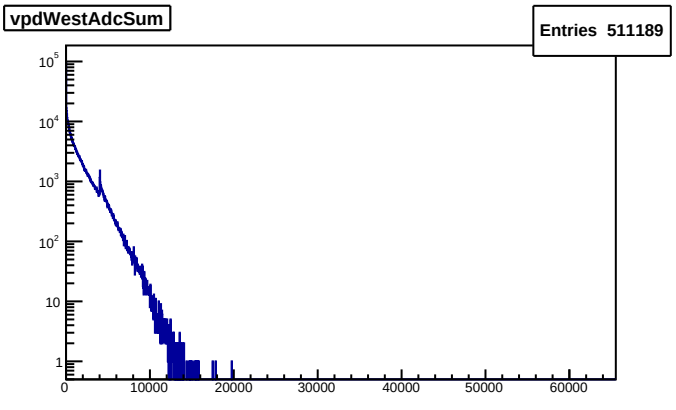
Entries 0
Data
Simu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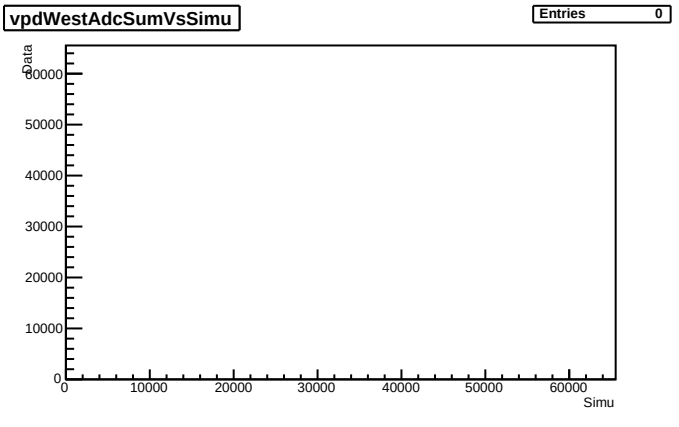
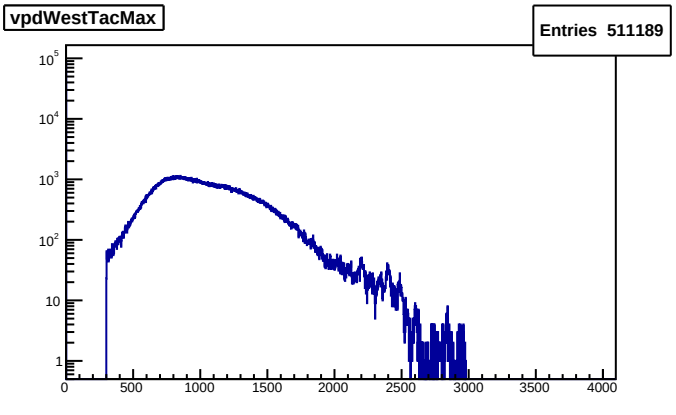
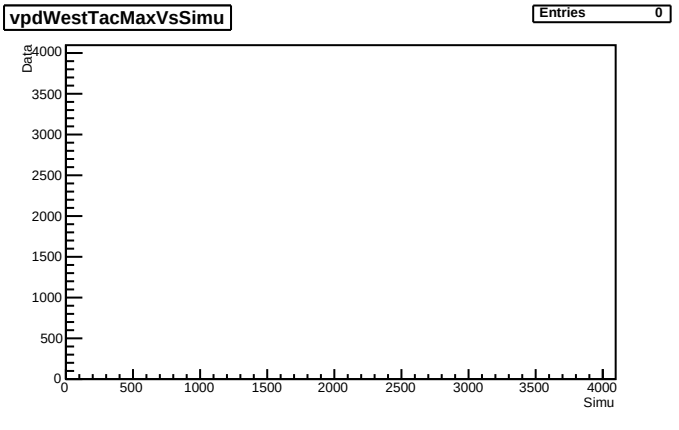
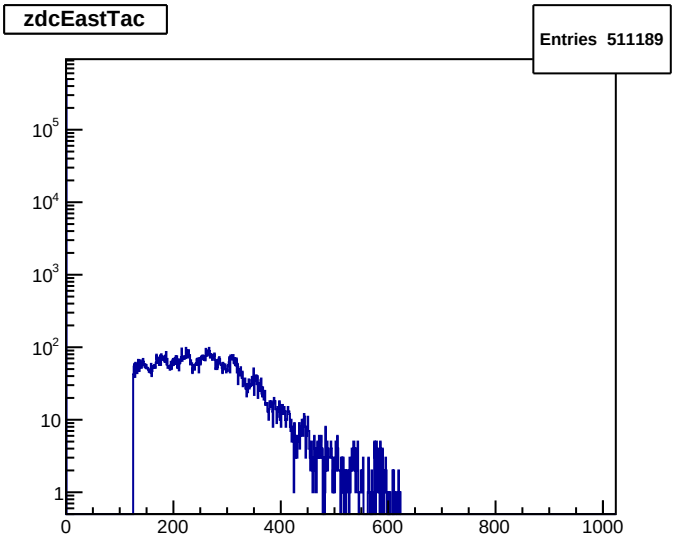
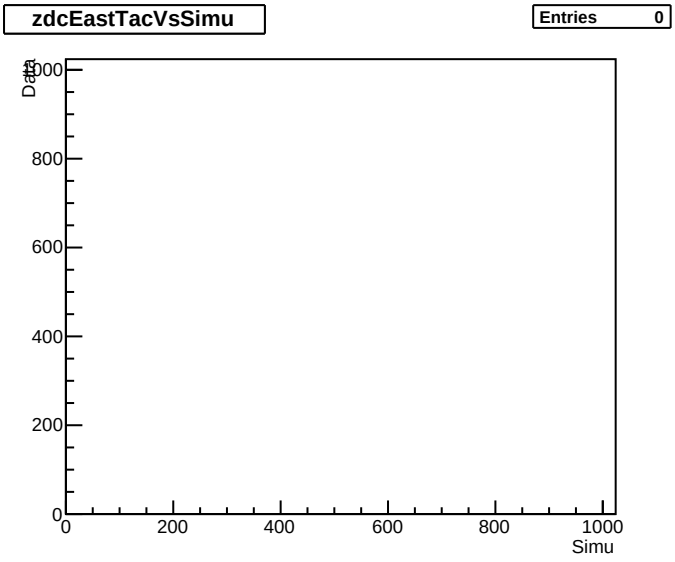
Entries 511189

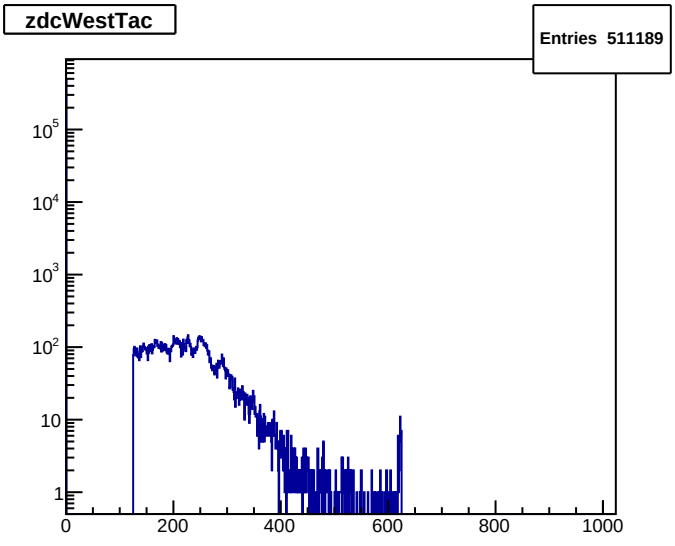

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

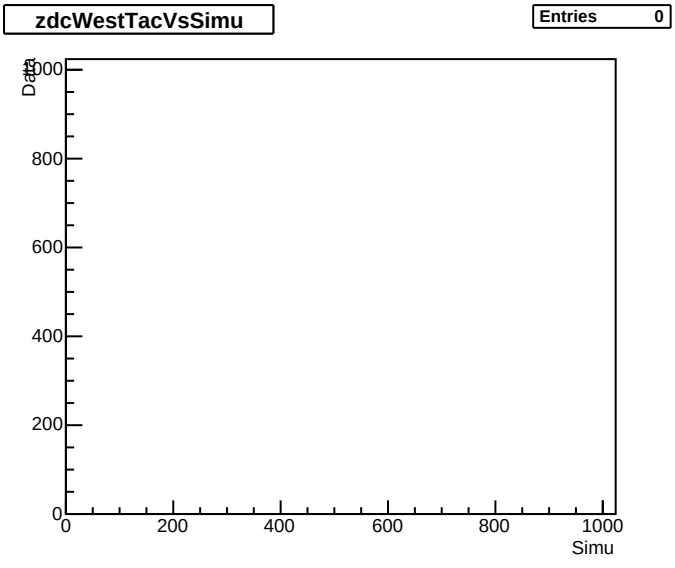

vpdWestTacMax
Entries 511189

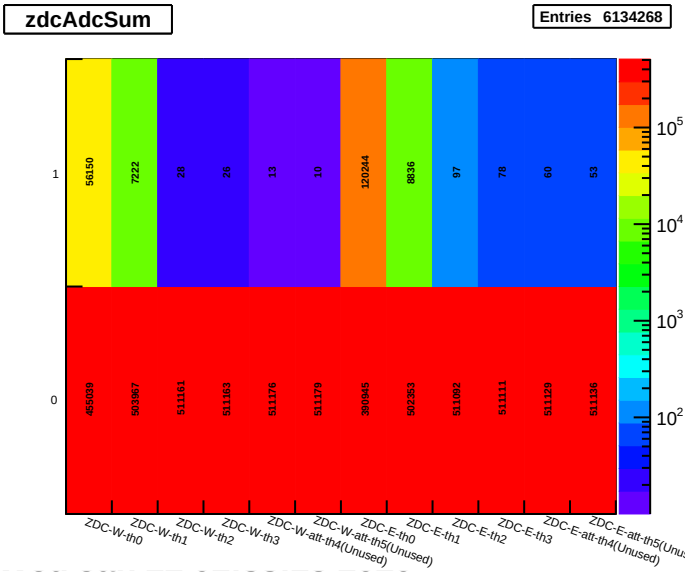

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 511189
10^5
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 511189
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 6134268
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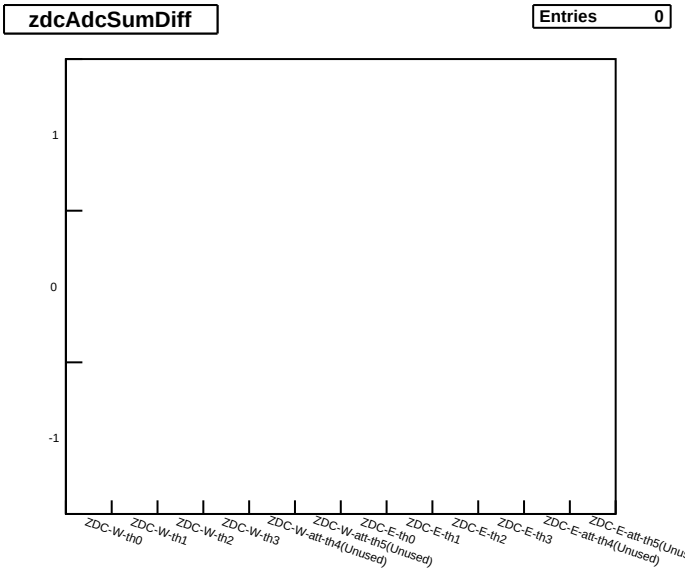
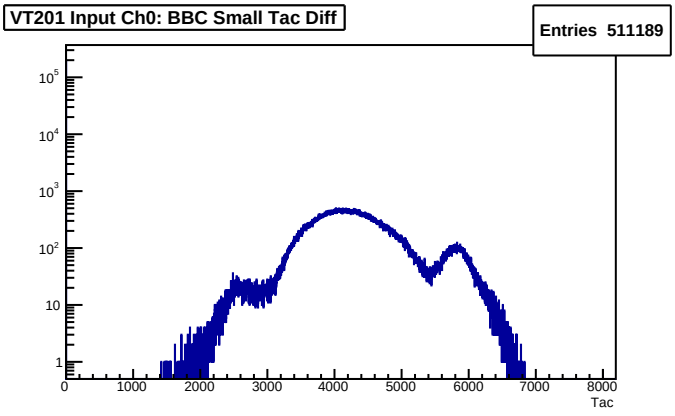
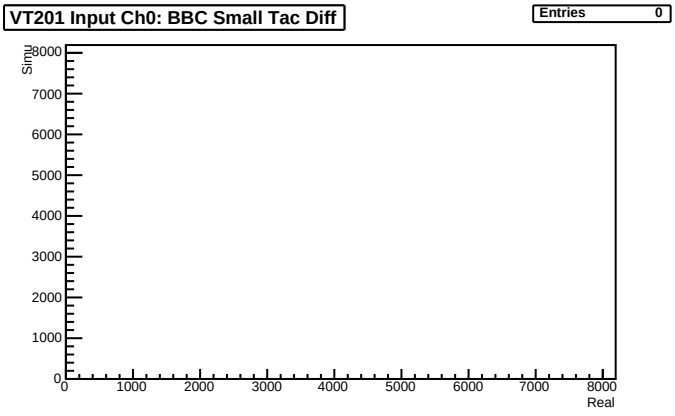
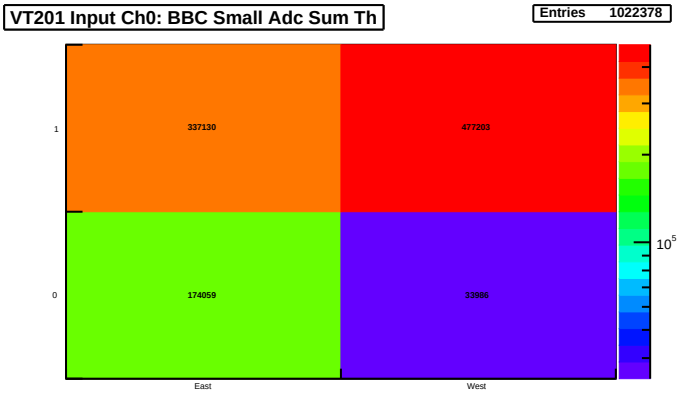
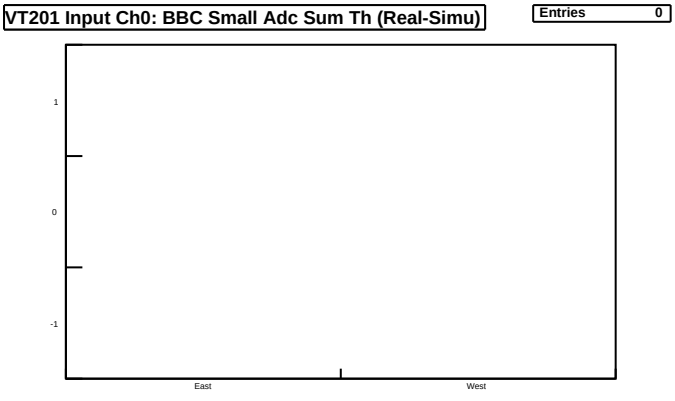
0
56150
7222
28
26
13
10
120244
8836
97
78
60
53
455039
503967
511161
511163
511176
511179
390945
502853
511092
511111
511120
511136
10^5
10^4
10^3
10^2
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

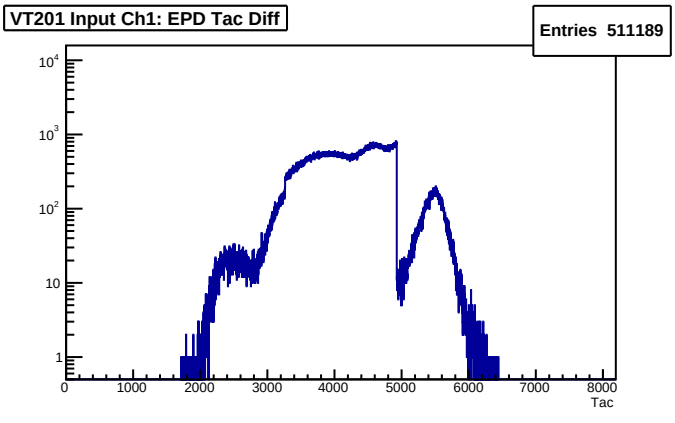

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

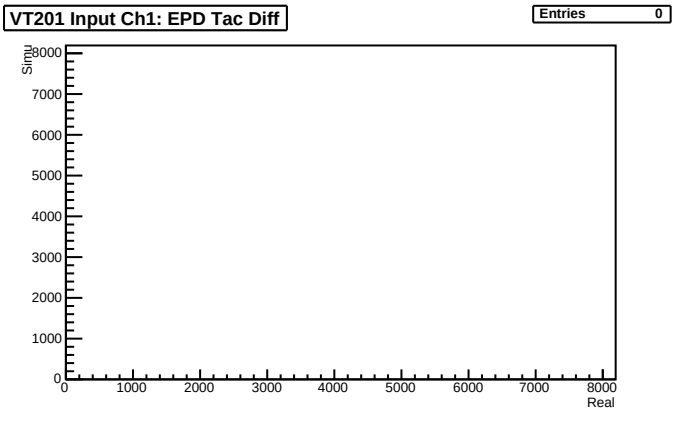

VT201 Input Ch0: BBC Small Tac Diff
Entries 511189
Tac

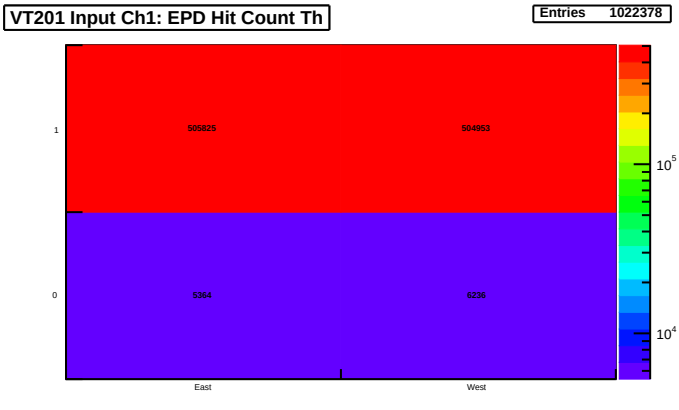

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

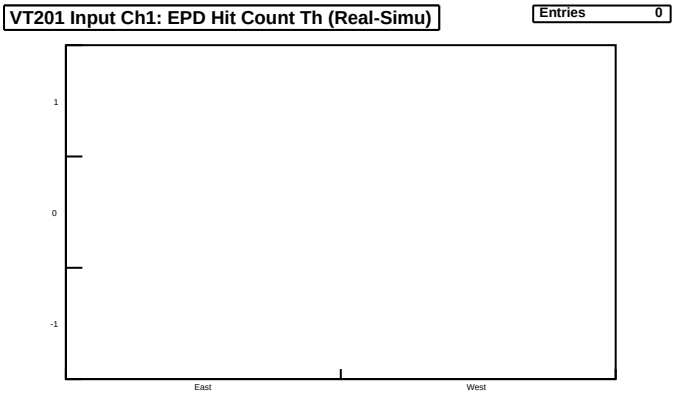

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1022378
337130
477203
174059
33986
East
West

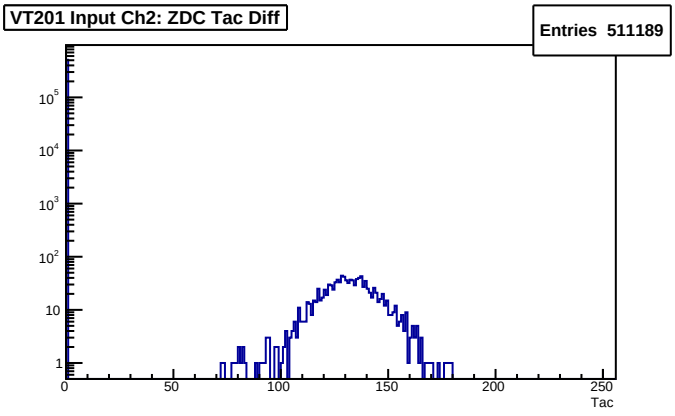

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

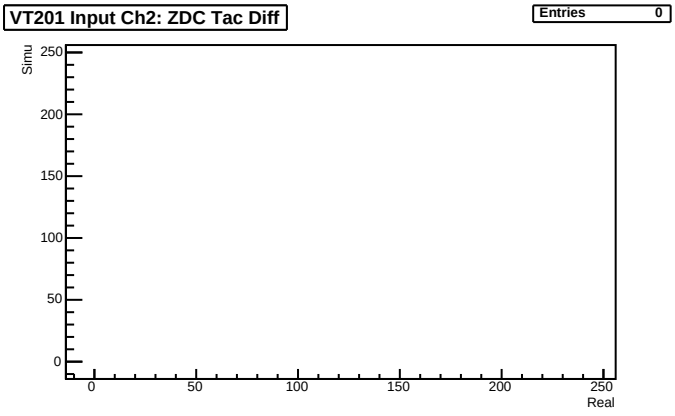

VT201 Input Ch1: EPD Tac Diff
Entries 511189
Tac

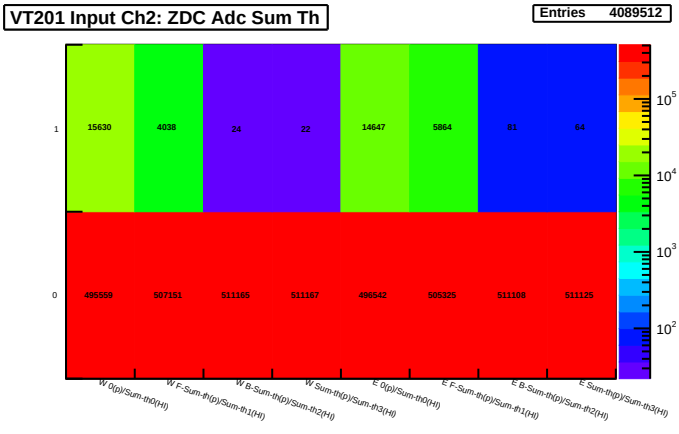

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

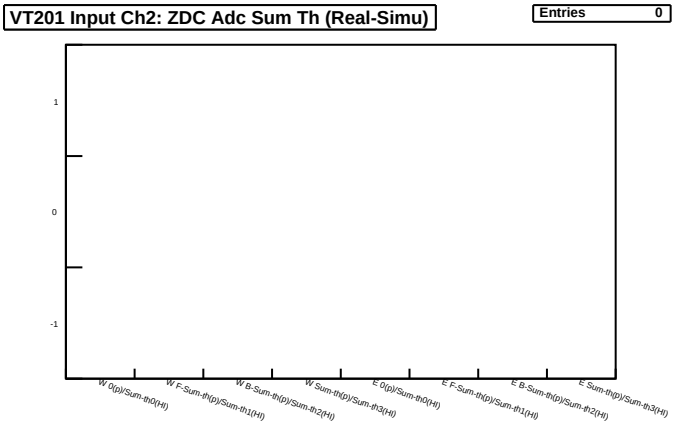

VT201 Input Ch1: EPD Hit Count Th
Entries 1022378
505825
504953
5364
6236
East
West

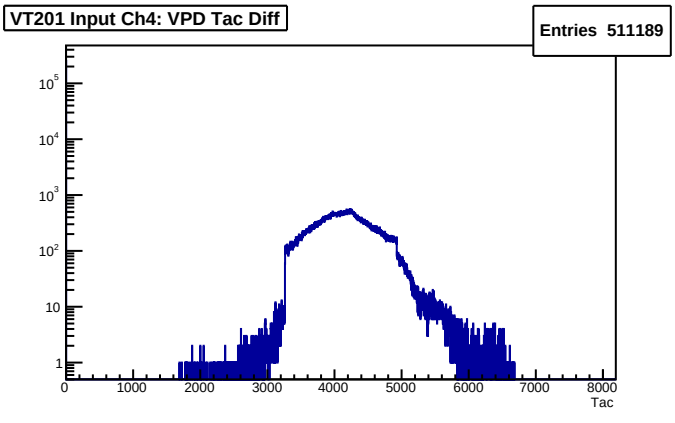

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

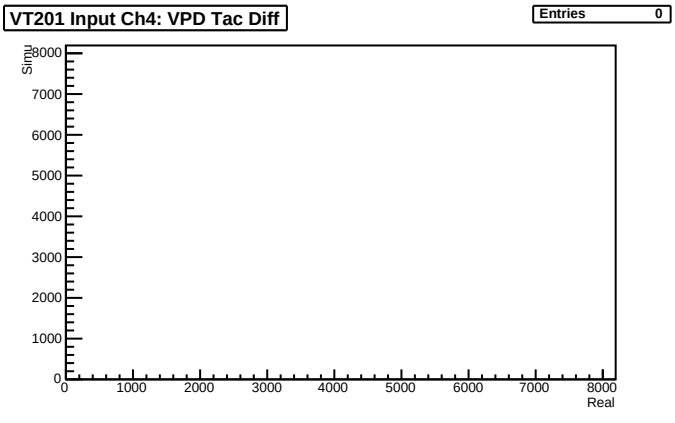

VT201 Input Ch2: ZDC Tac Diff
Entries 511189
Tac

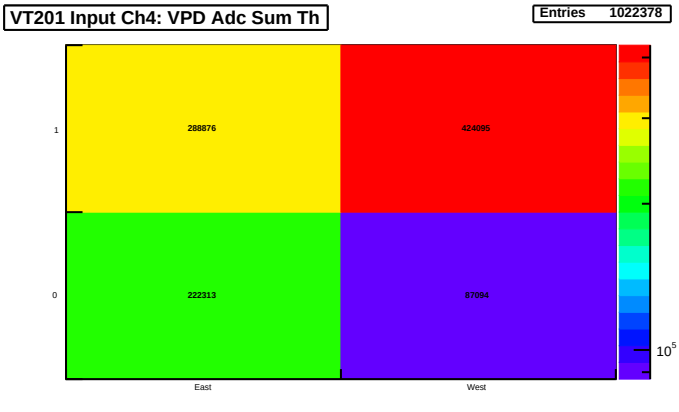

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

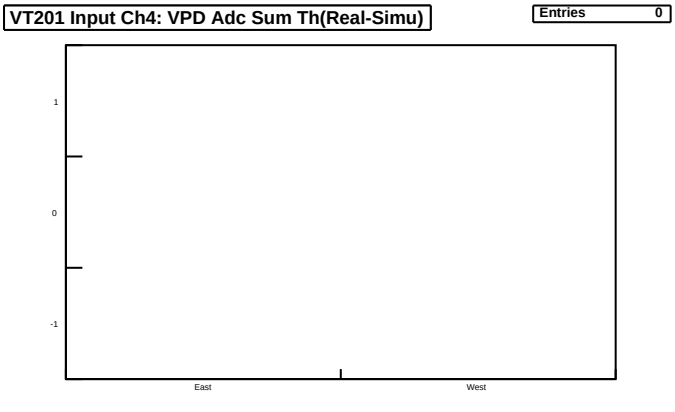

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4089512
15630
4038
24
22
14647
5864
81
64
495559
507151
511165
511167
496542
505325
511108
511125
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

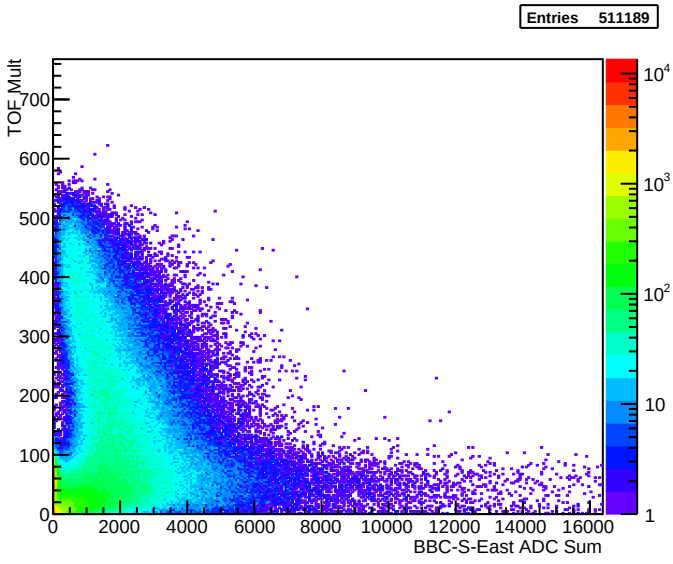

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

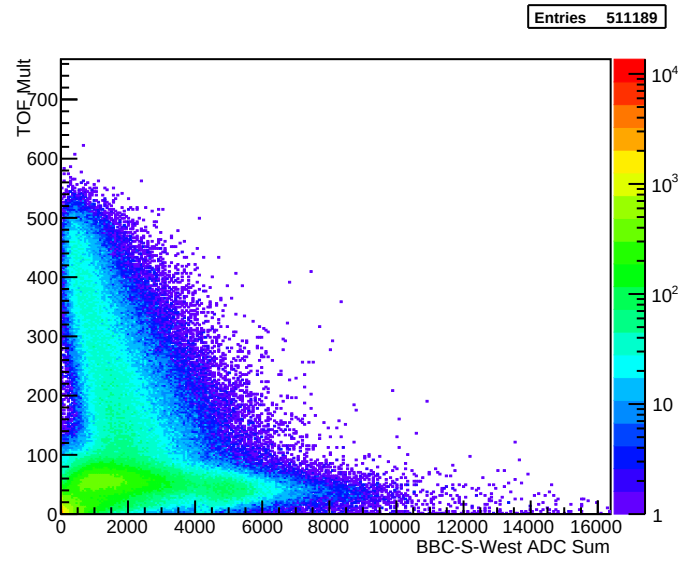

VT201 Input Ch4: VPD Tac Diff
Entries 511189
Tac

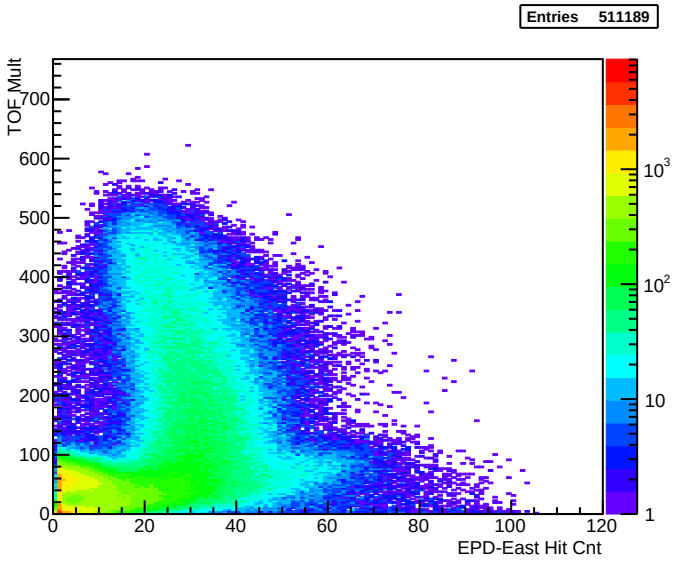

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

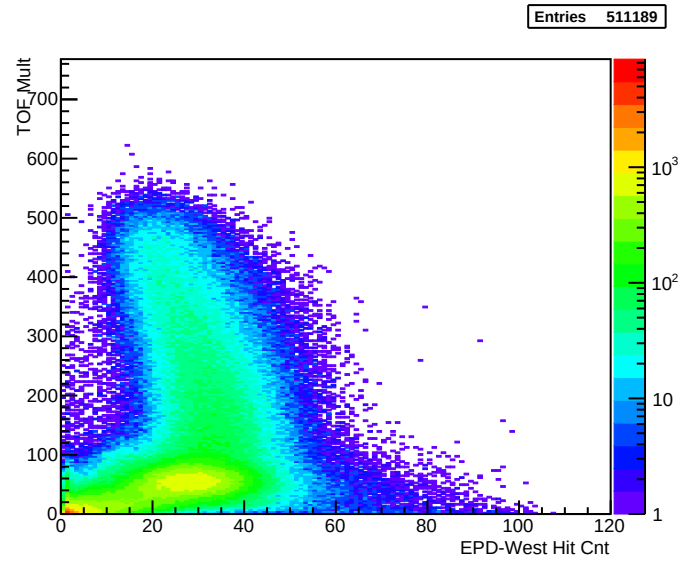

VT201 Input Ch4: VPD Adc Sum Th
Entries 1022378
288876
424095
222313
87094
East
West

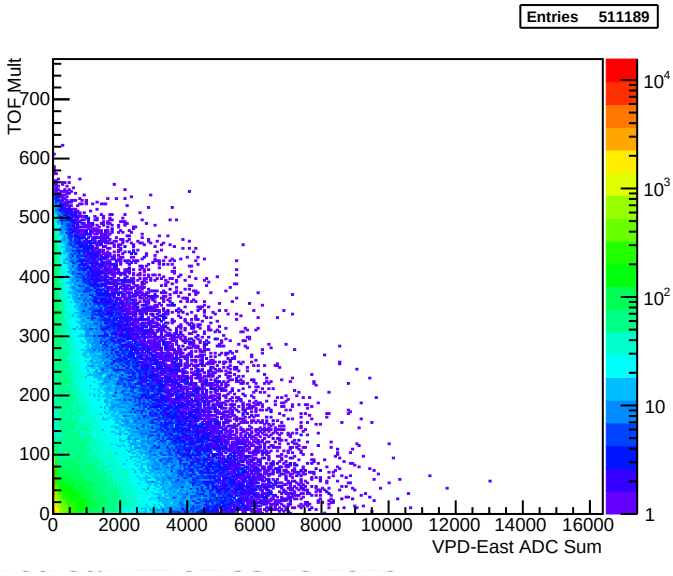

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

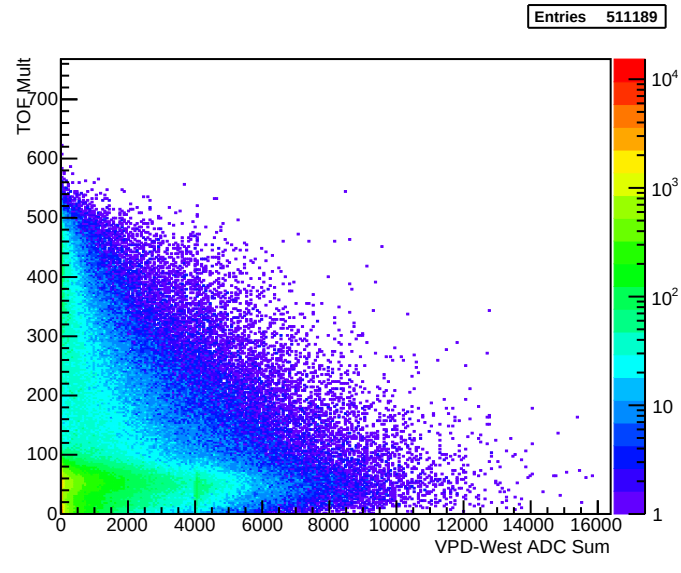

Entries 511189
TOF_Mult
BBC-S-East ADC Sum

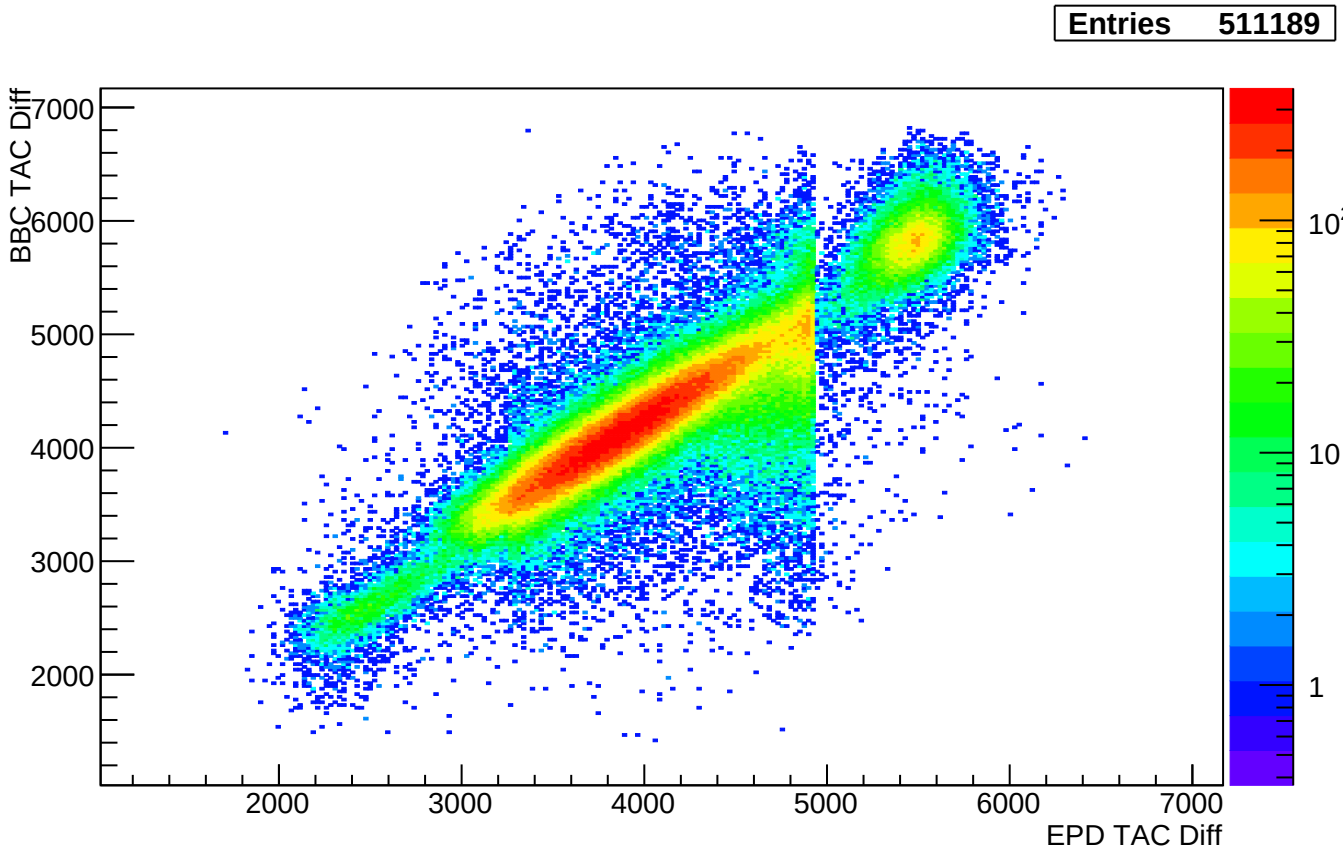

Entries 511189
TOF_Mult
BBC-S-West ADC Sum

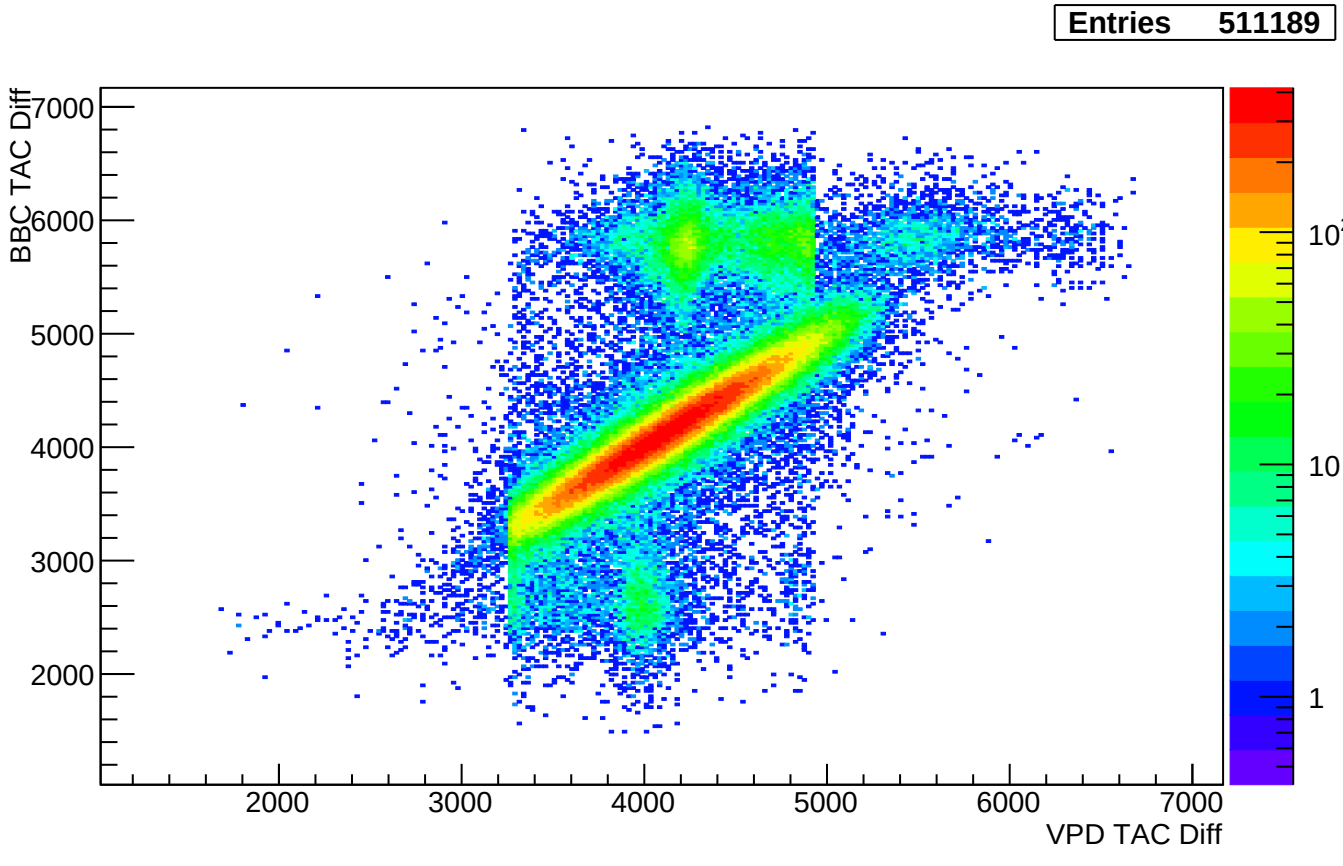

Entries 511189
TOF_Mult
EPD-East Hit Cnt

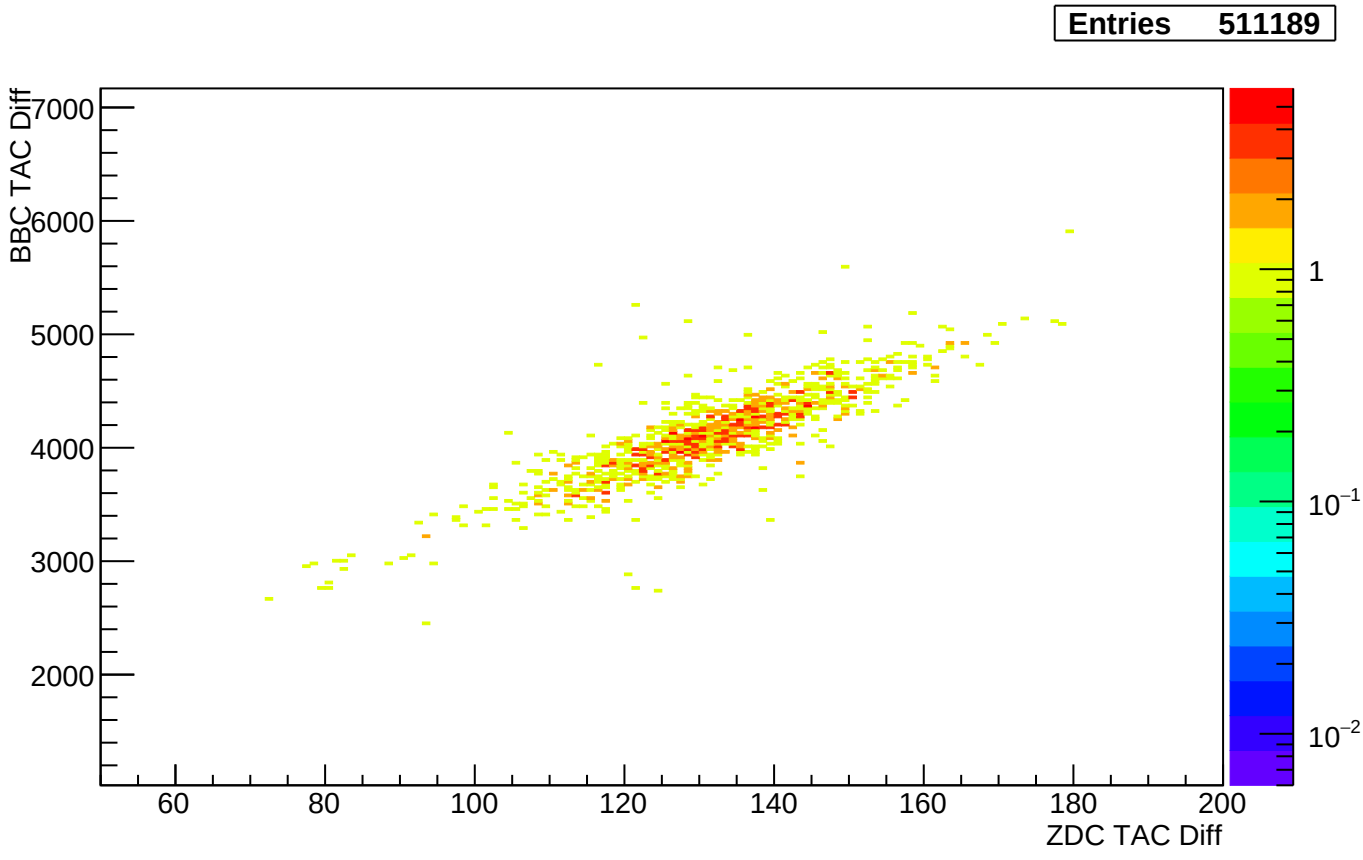

Entries 511189
TOF_Mult
EPD-West Hit Cnt

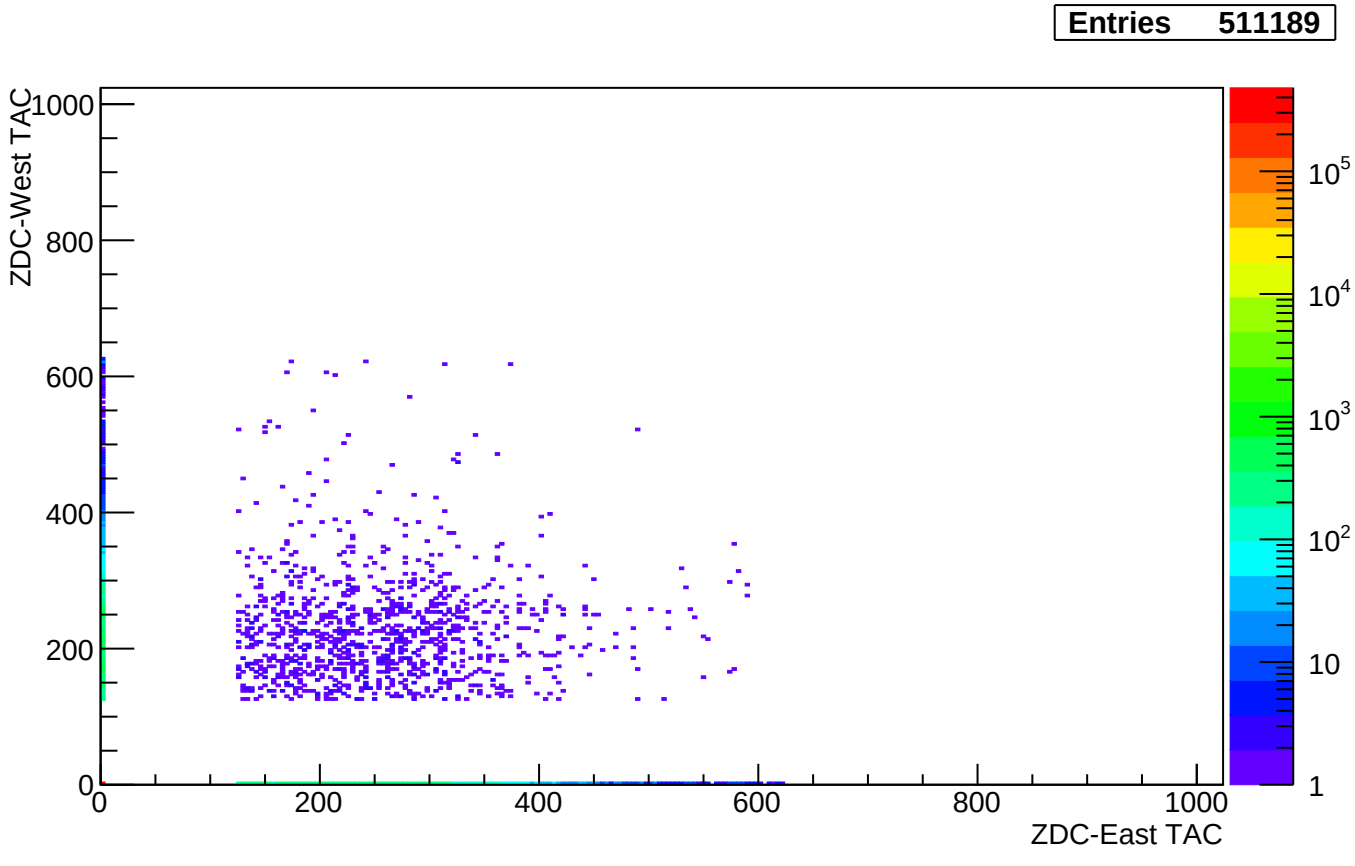

Entries 511189
TOF_Mult
VPD-East ADC Sum

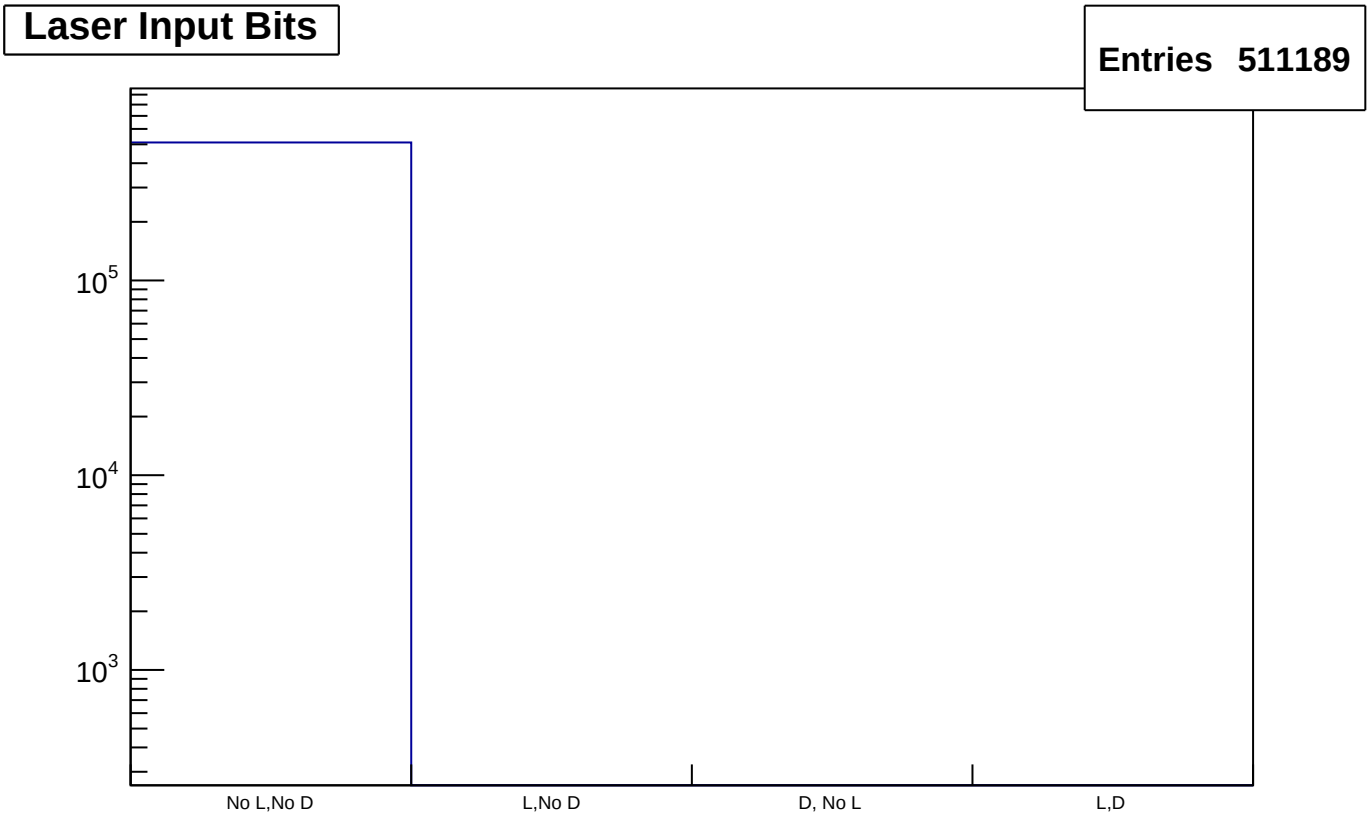

Entries 511189
TOF_Mult
VPD-West ADC Sum

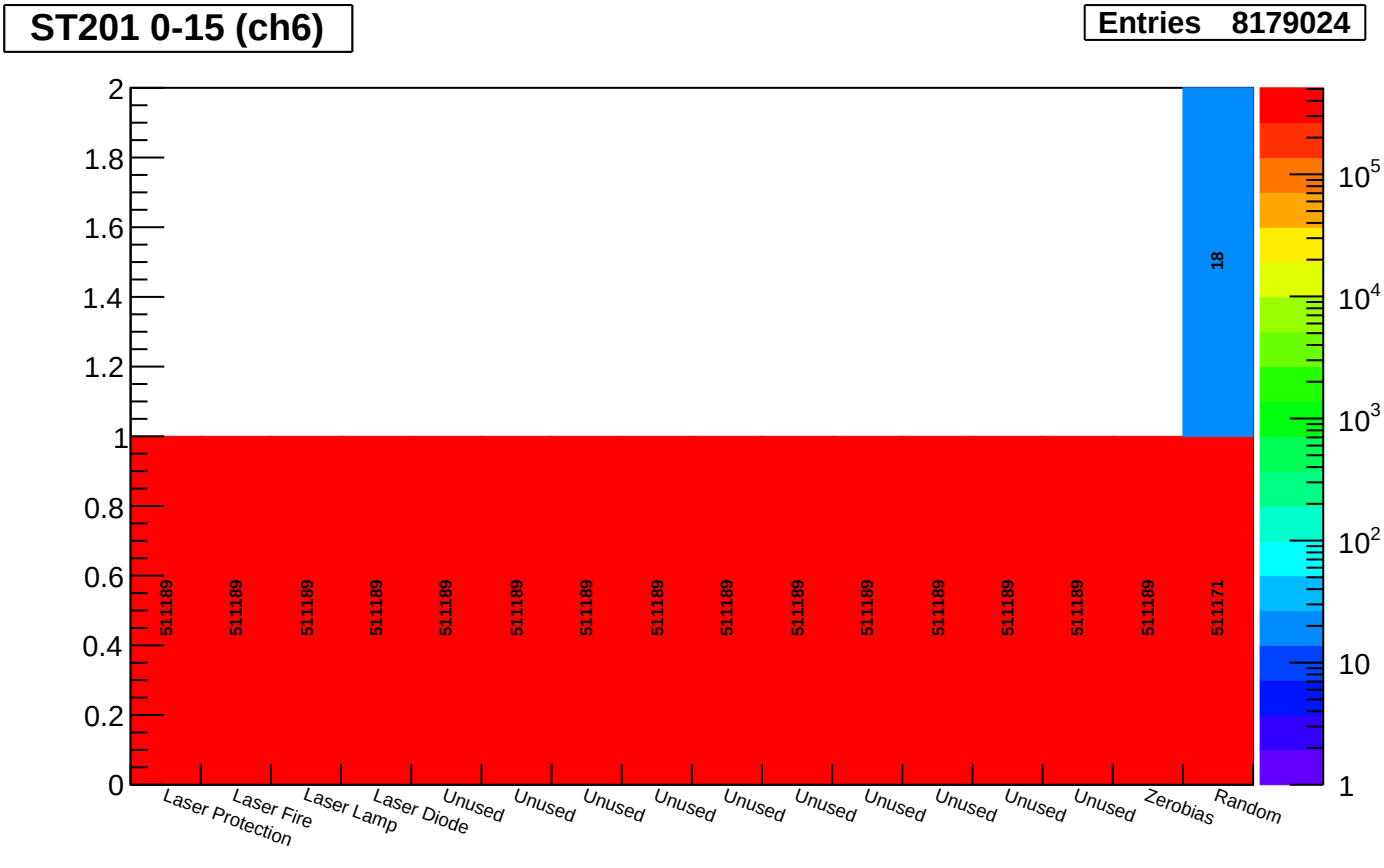

Entries 511189
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

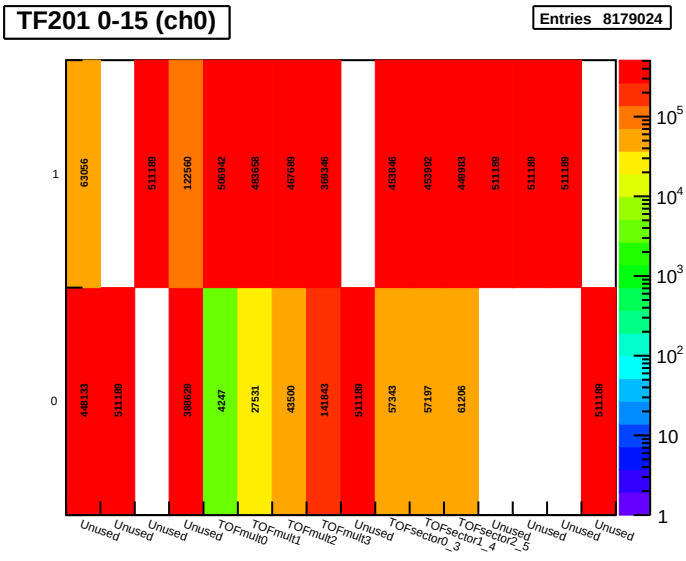

Entries 511189
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

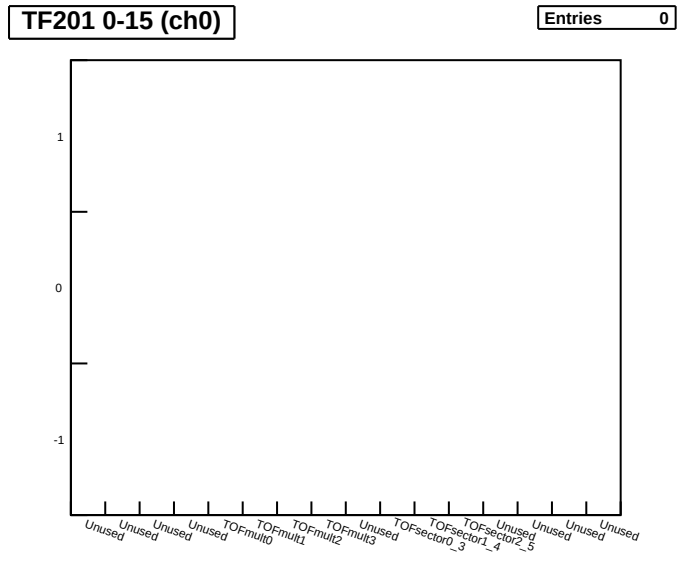

Entries 511189
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

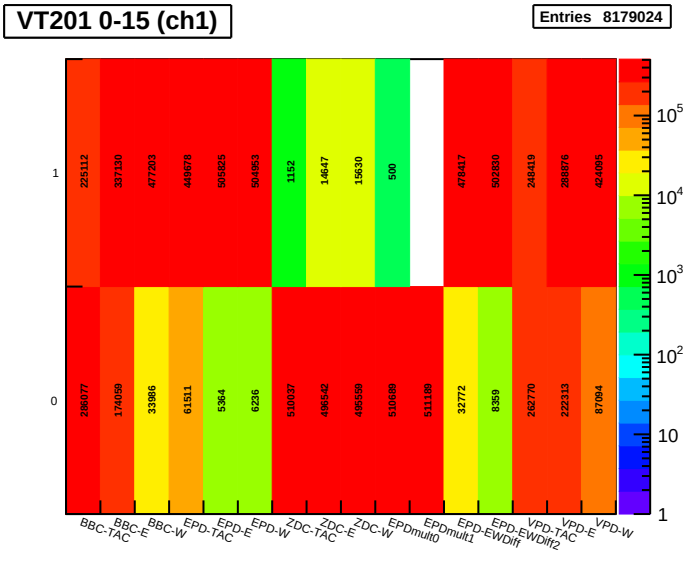

Entries 511189
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

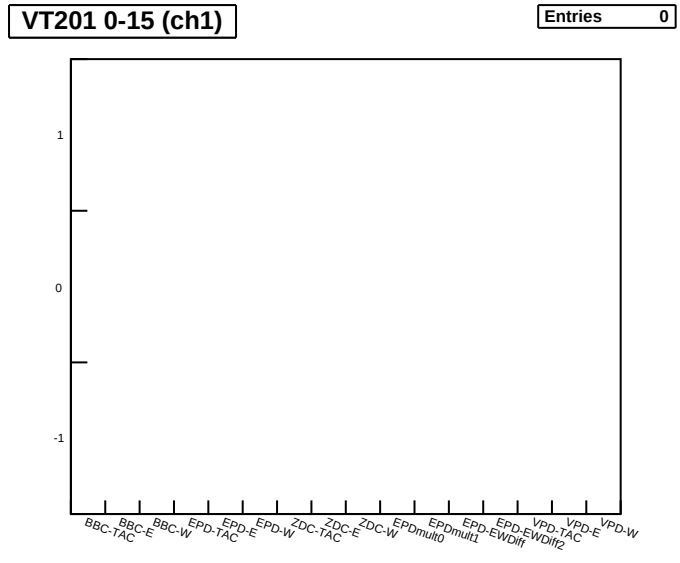

Laser Input Bits
Entries 511189
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

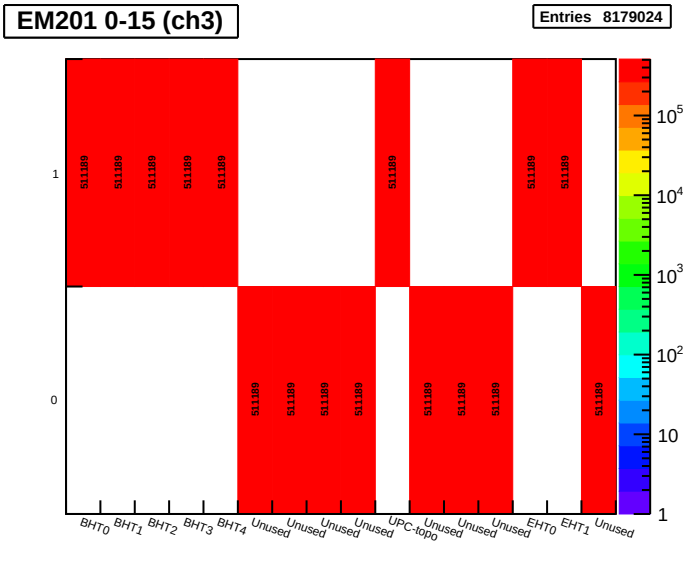

ST201 0-15 (ch6)
Entries 8179024
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
511189
511189
511189
511189
511189
511189
511189
511189
511189
511189
511189
511189
511189
511189
511189
511171
18
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random


TF201 0-15 (ch0)
Entries 8179024
1
0
63056
511189
122560
506942
483658
467689
369346
453946
453932
449983
511189
511189
511189
448133
511189
388629
4247
27531
43500
141843
511189
57343
57197
61206
511189
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 8179024
1
0
225112
337130
477203
449678
505825
504953
1152
14647
15630
500
478417
502830
248419
28876
424095
28077
174059
33986
61511
5364
6236
510037
496542
495559
510689
511189
32772
8359
282770
222313
87094
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 8179024
1
0
511189
511189
511189
511189
511189
511189
511189
511189
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511189
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511189
511189
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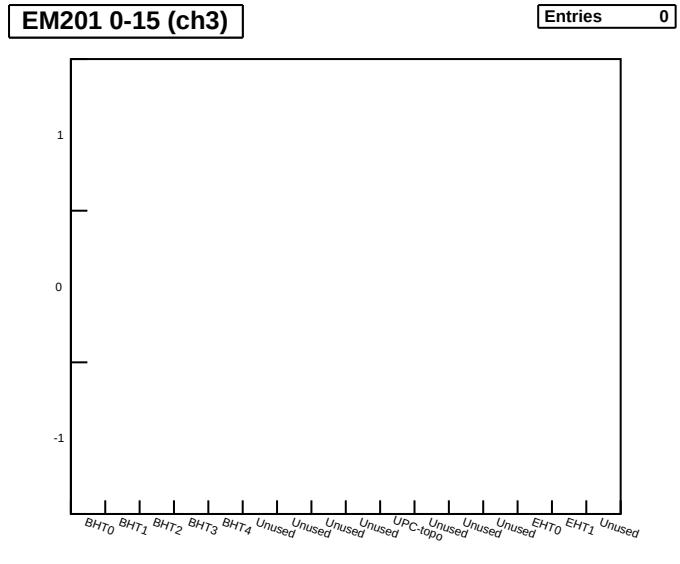
511189
511189
511189
511189
511189
511189
511189
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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