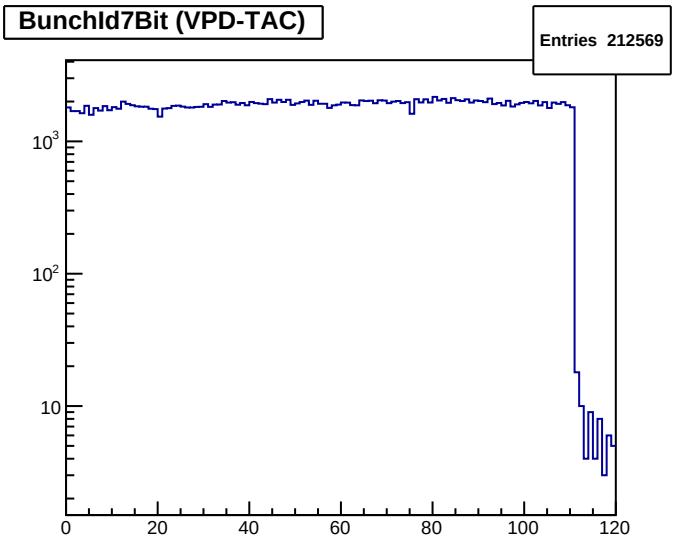
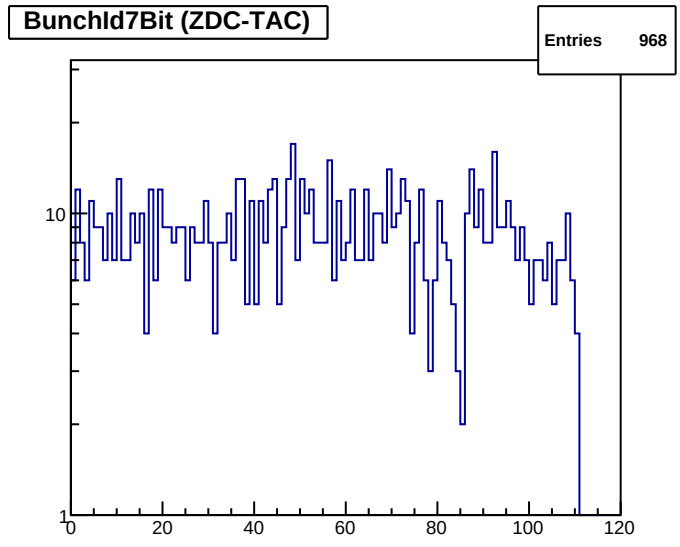
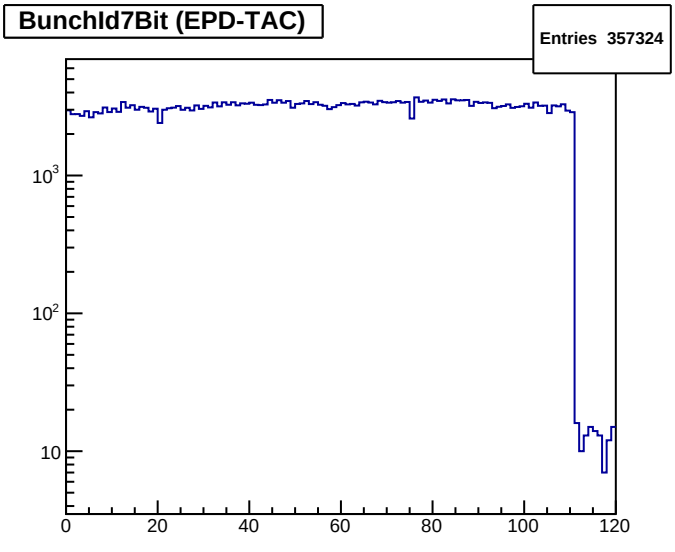
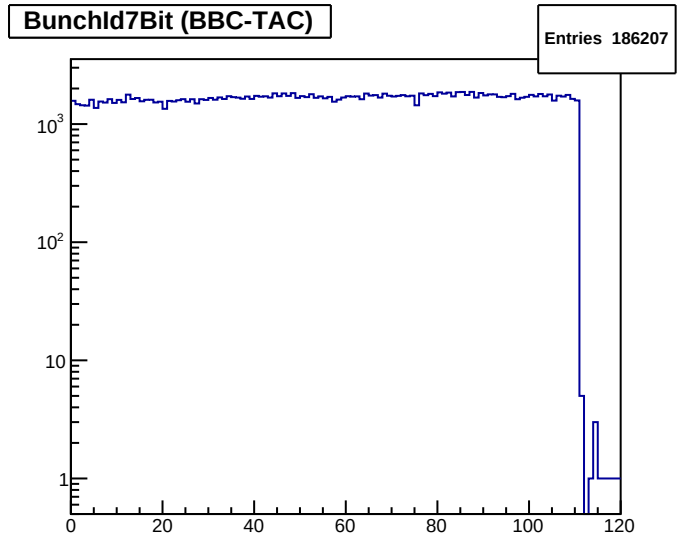
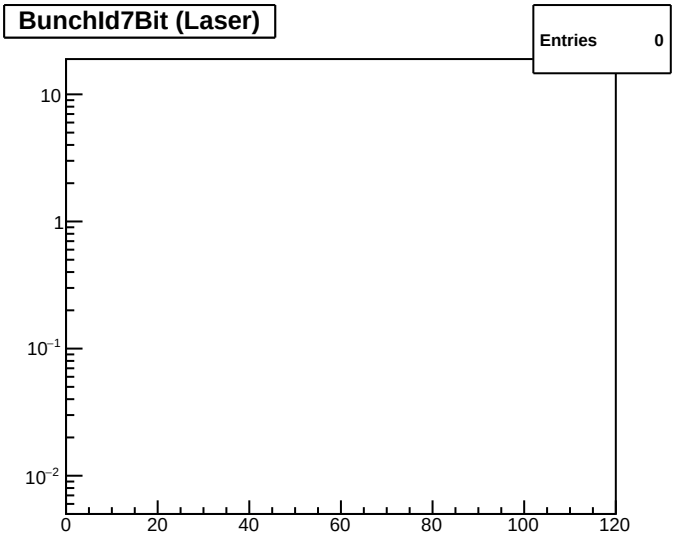
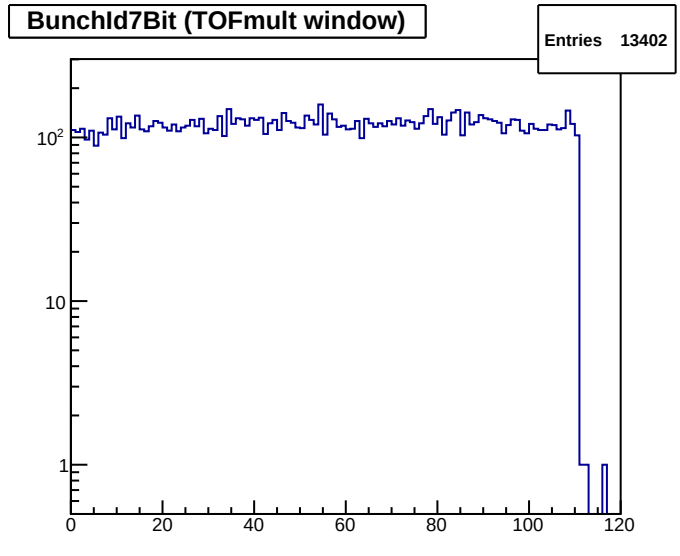

BunchId7Bit (VPD-TAC)
Entries 212569

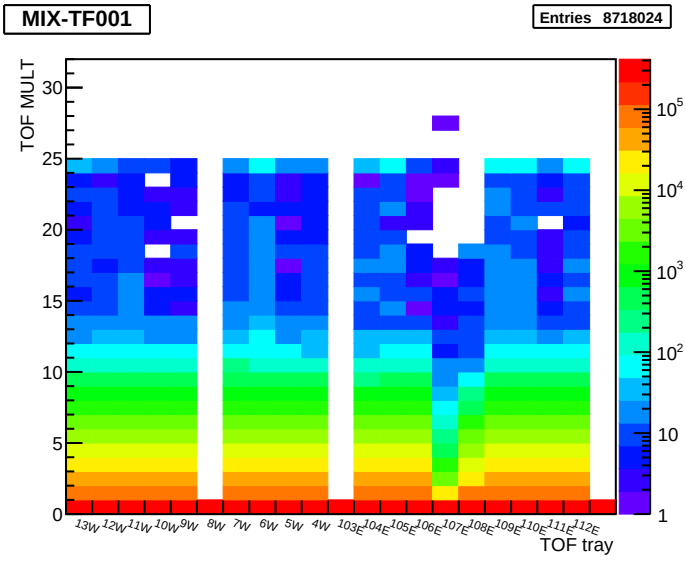

BunchId7Bit (ZDC-TAC)
Entries 968

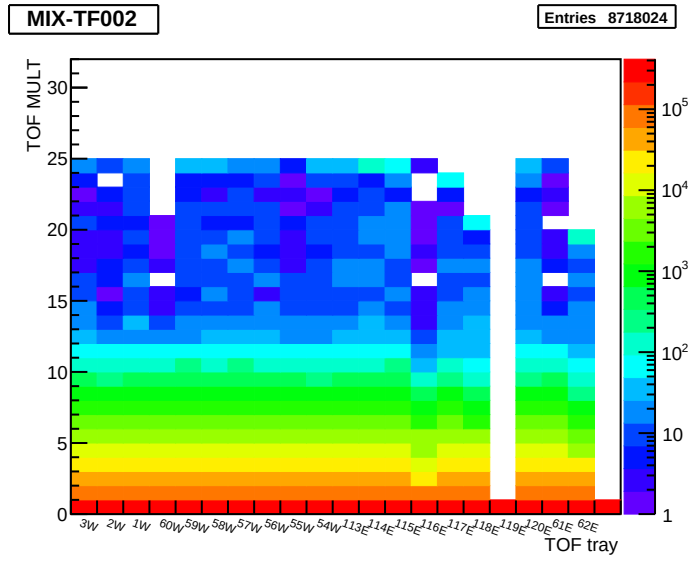

BunchId7Bit (EPD-TAC)
Entries 357324

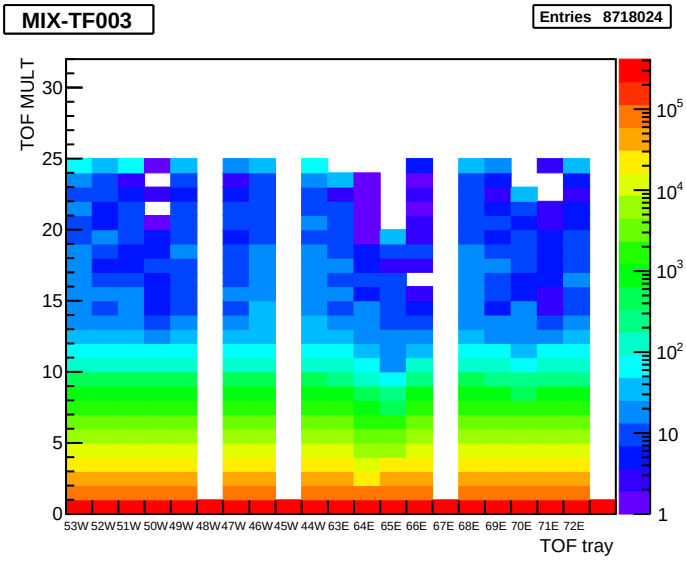

BunchId7Bit (BBC-TAC)
Entries 186207

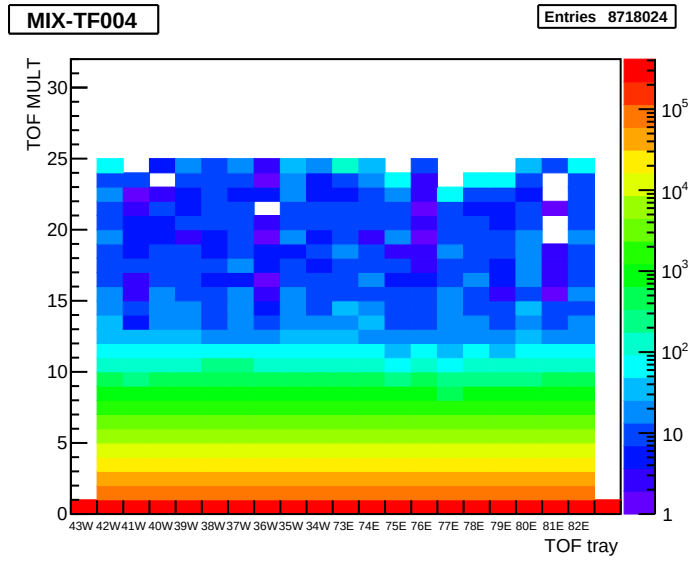

BunchId7Bit (Laser)
Entries 0

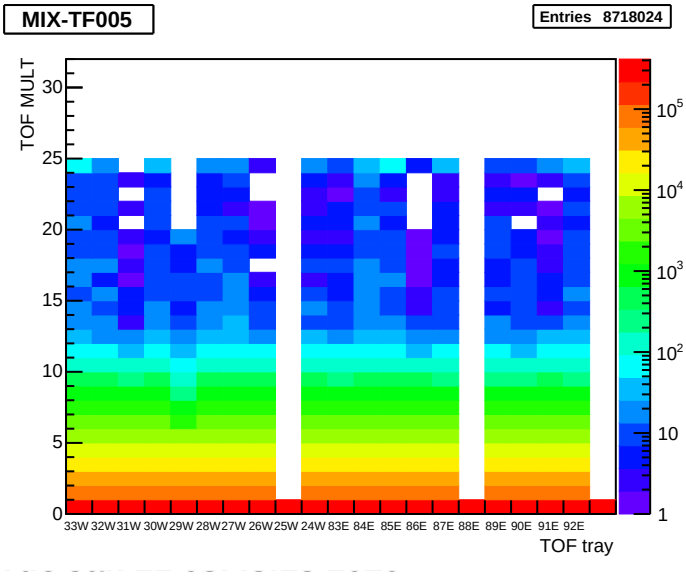

BunchId7Bit (TOFmult window)
Entries 13402

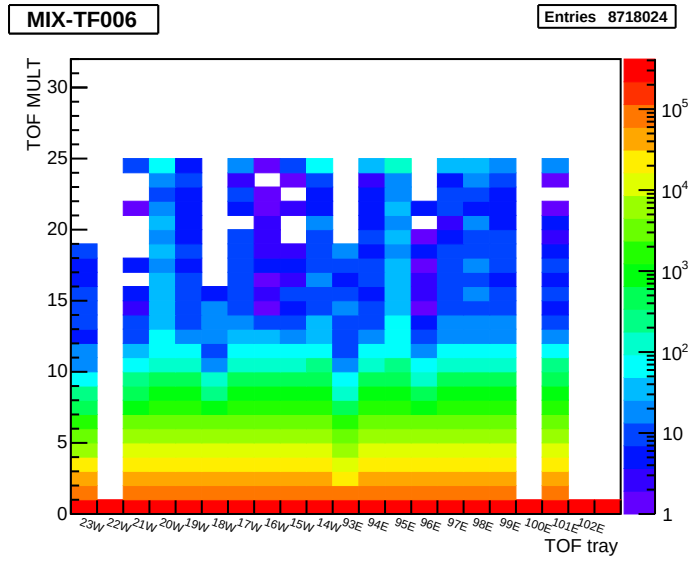

MIX-TF001
Entries 8718024
TOF MULT
TOF tray

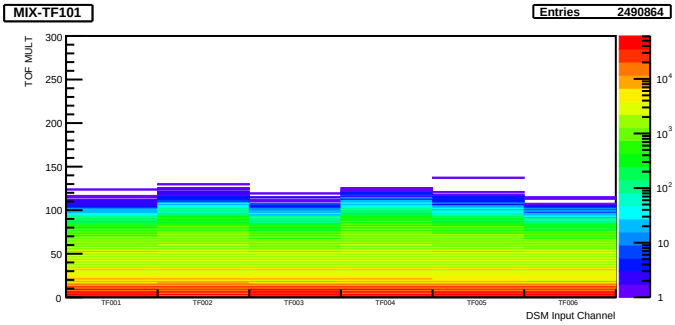

MIX-TF002
Entries 8718024
TOF MULT
TOF tray

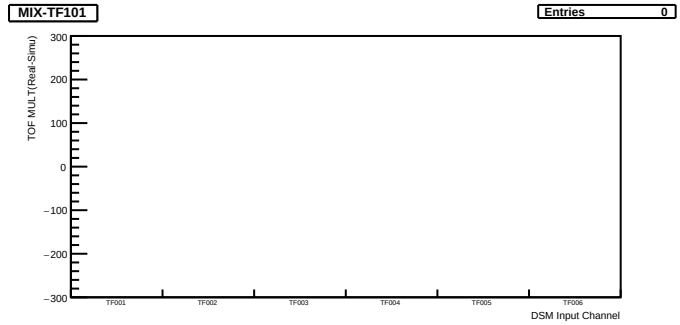

MIX-TF003
Entries 8718024
TOF MULT
TOF tray

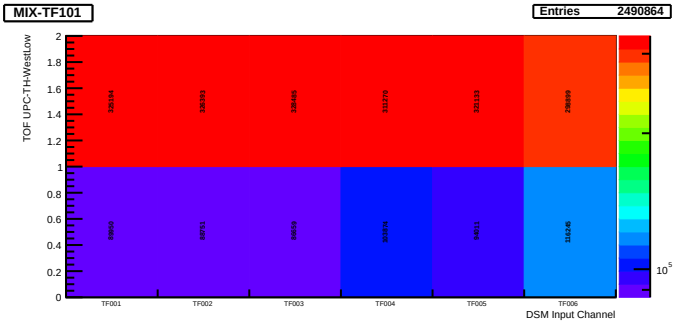

MIX-TF004
Entries 8718024
TOF MULT
TOF tray

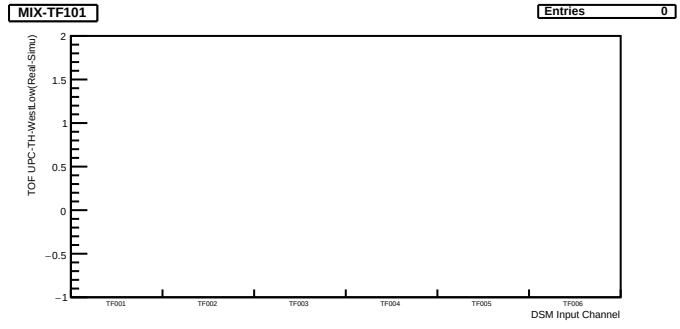

MIX-TF005
Entries 8718024
TOF MULT
TOF tray

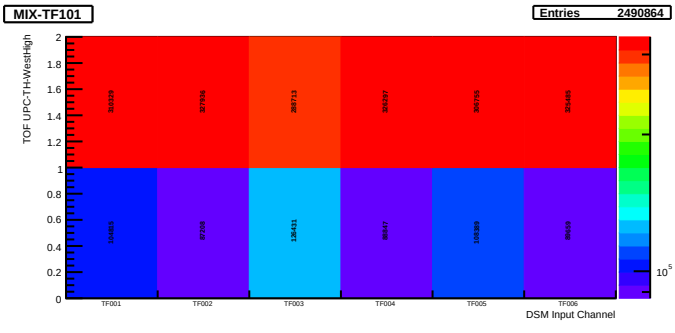

MIX-TF006
Entries 8718024
TOF MULT
TOF tray

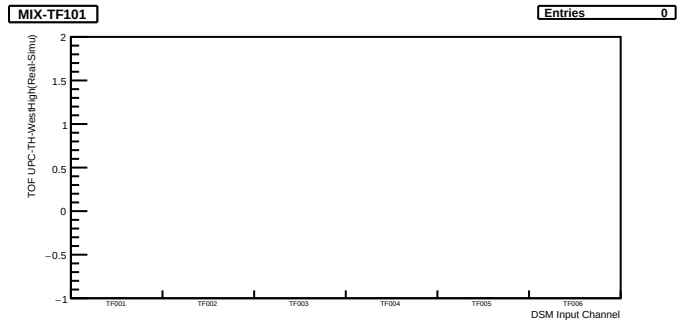

MIX-TF101
Entries 2490864
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

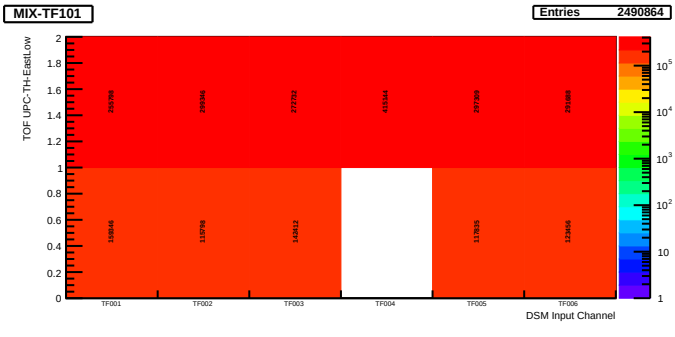

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

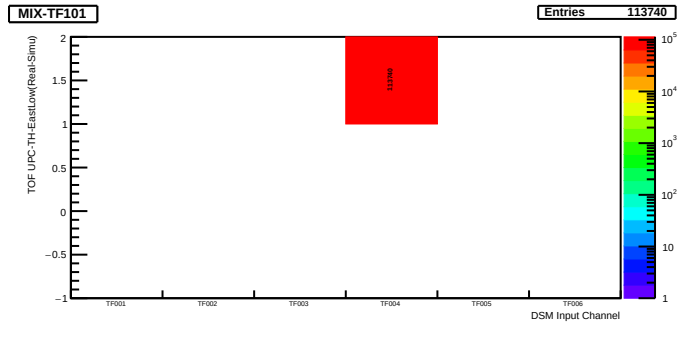

MIX-TF101
Entries 2490864
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

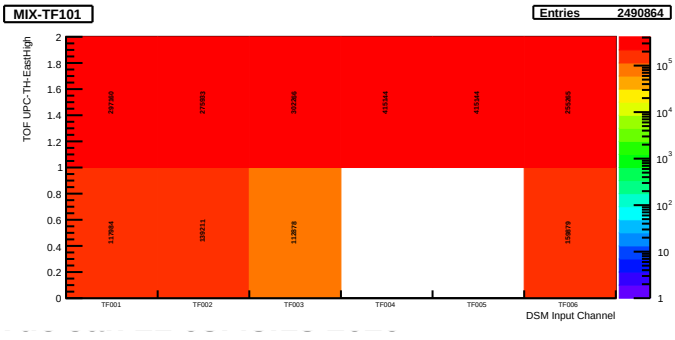

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

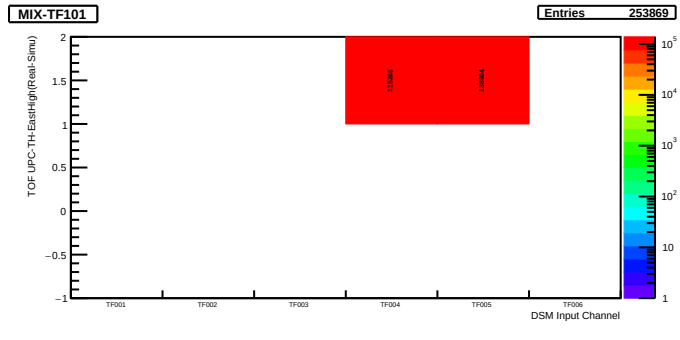

MIX-TF101
Entries 2490864
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

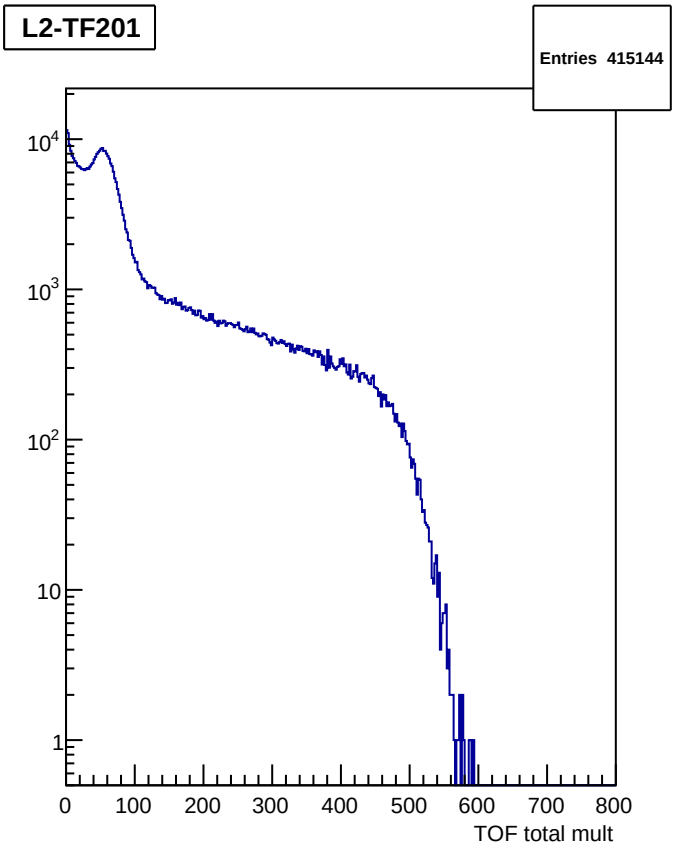

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

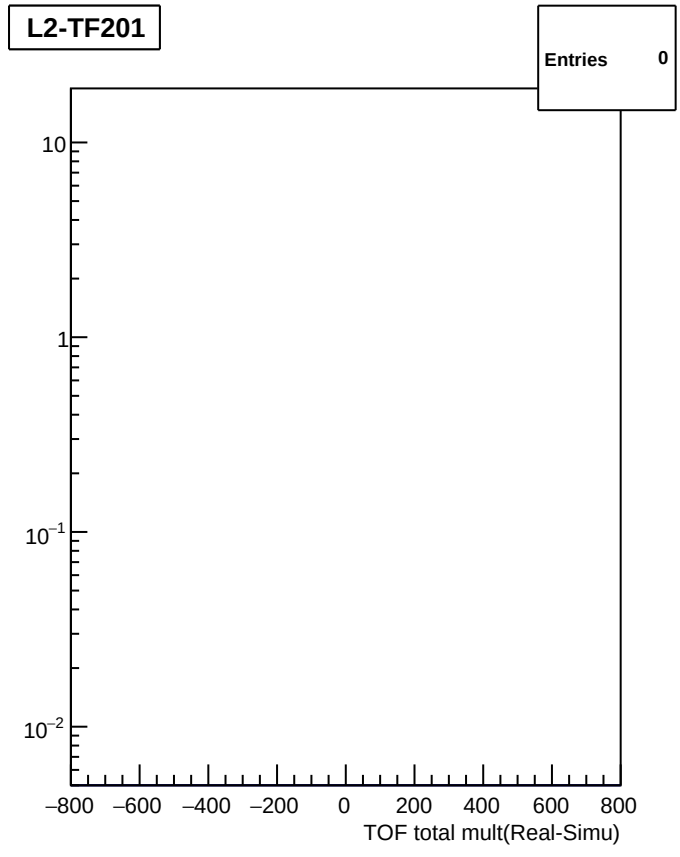

MIX-TF101
Entries 2490864
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

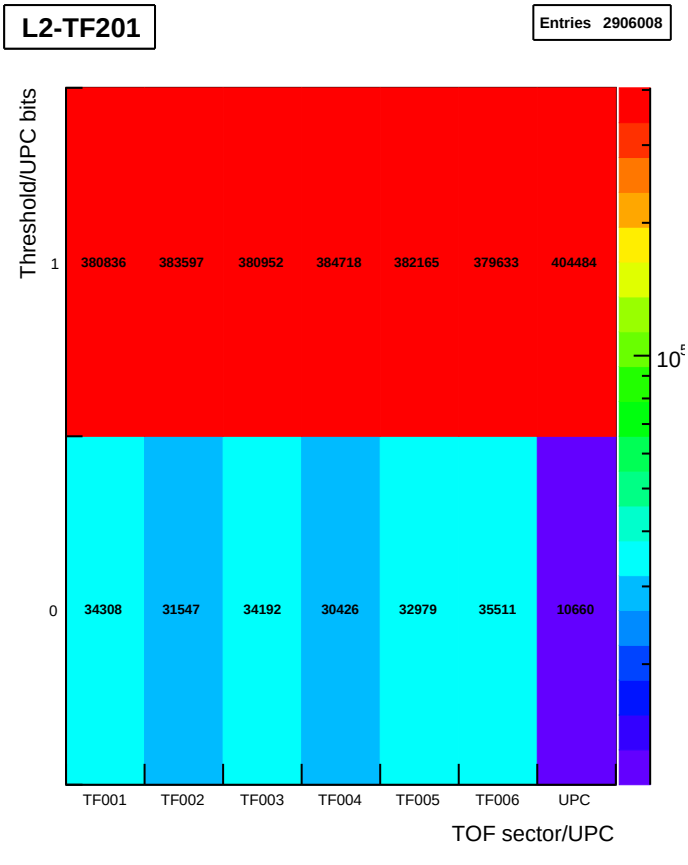

MIX-TF101
Entries 113740
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

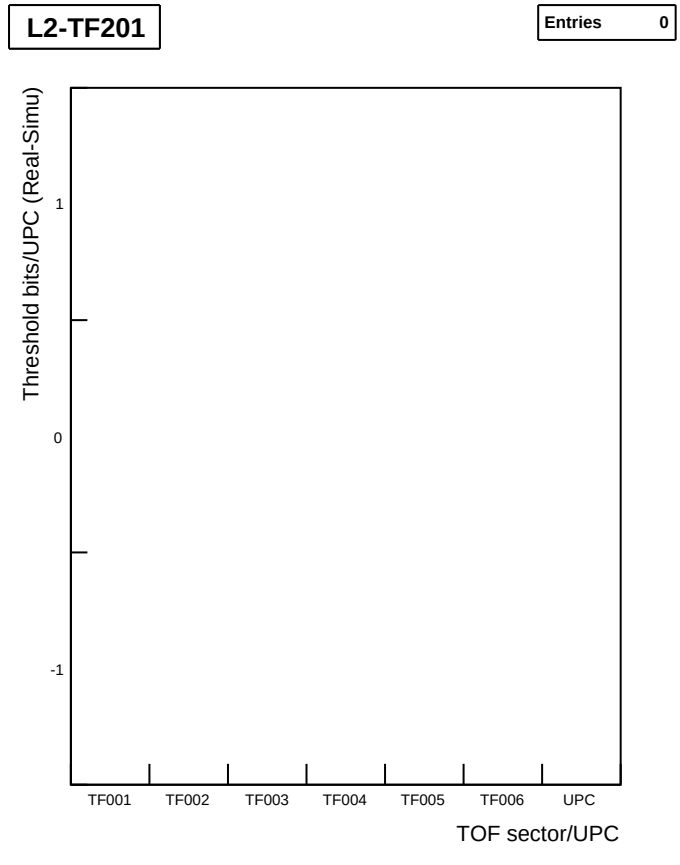

MIX-TF101
Entries 2490864
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

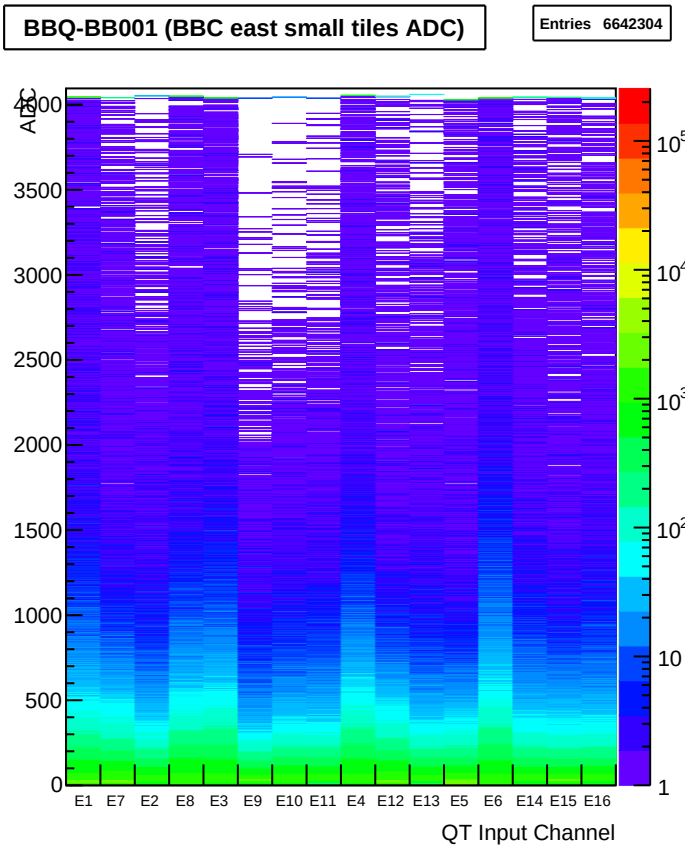

MIX-TF101
Entries 253869
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

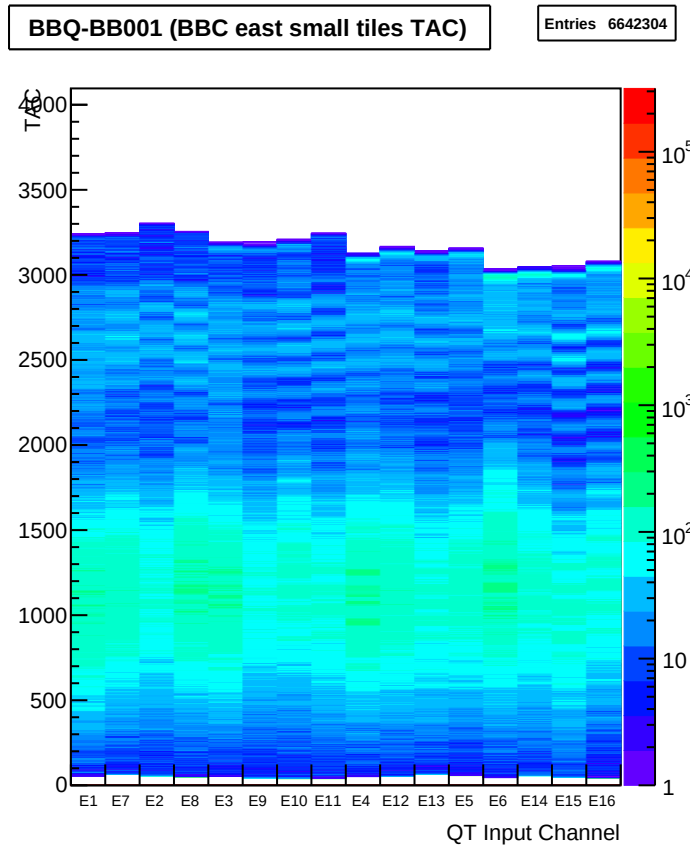

L2-TF201
Entries 415144
TOF total mult

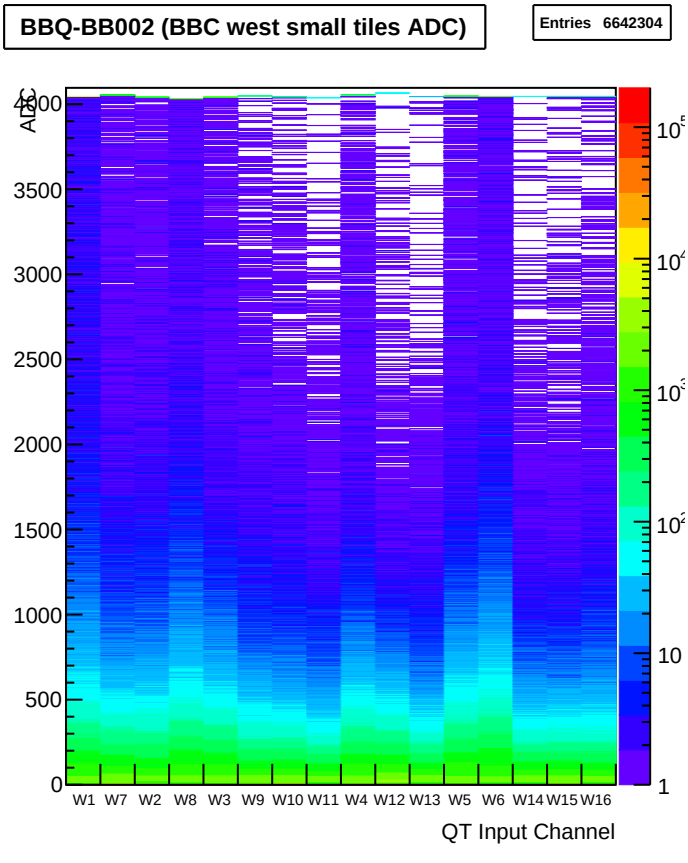

L2-TF201
Entries 0
TOF total mult(Real-Simu)

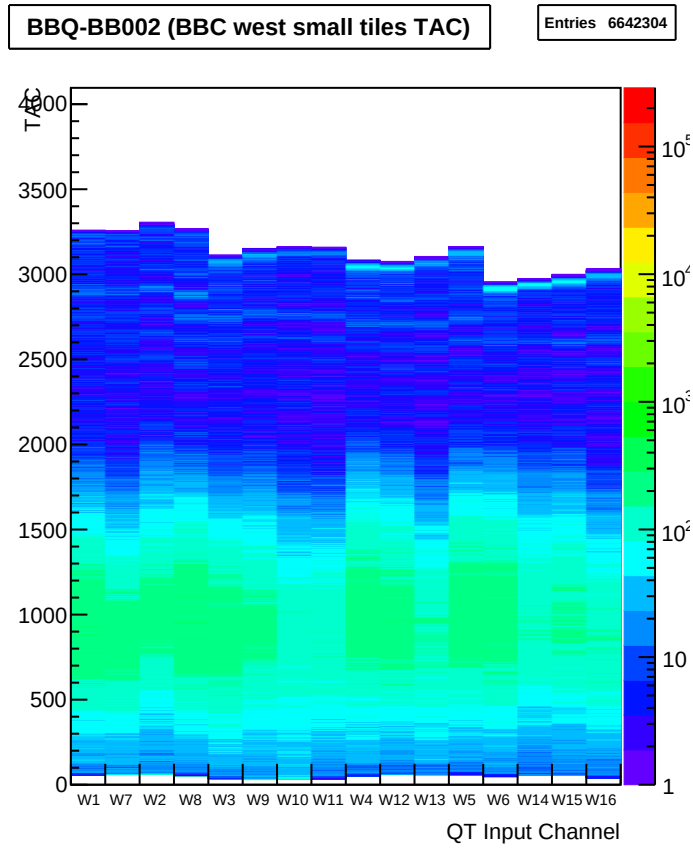

L2-TF201
Entries 2906008
Threshold/UPC bits
380836
383597
380952
384718
382165
379633
404484
34308
31547
34192
30426
32979
35511
10660
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

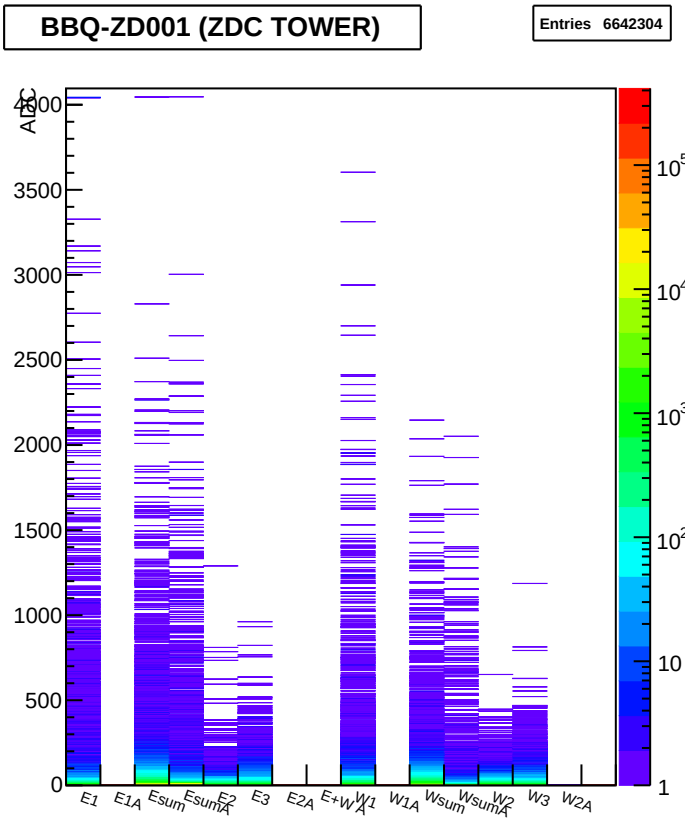

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

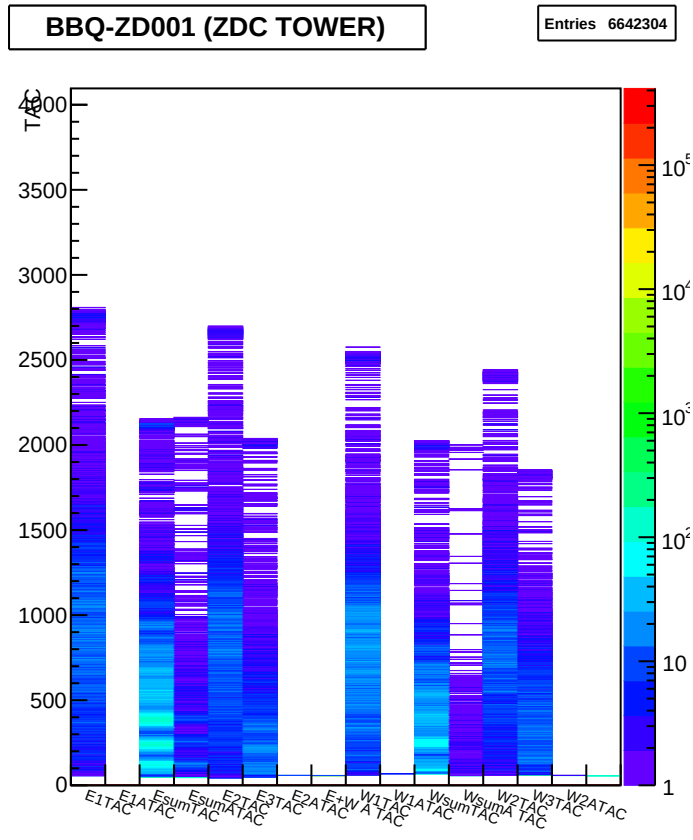

BBQ-BB001 (BBC east small tiles ADC)
Entries 6642304
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

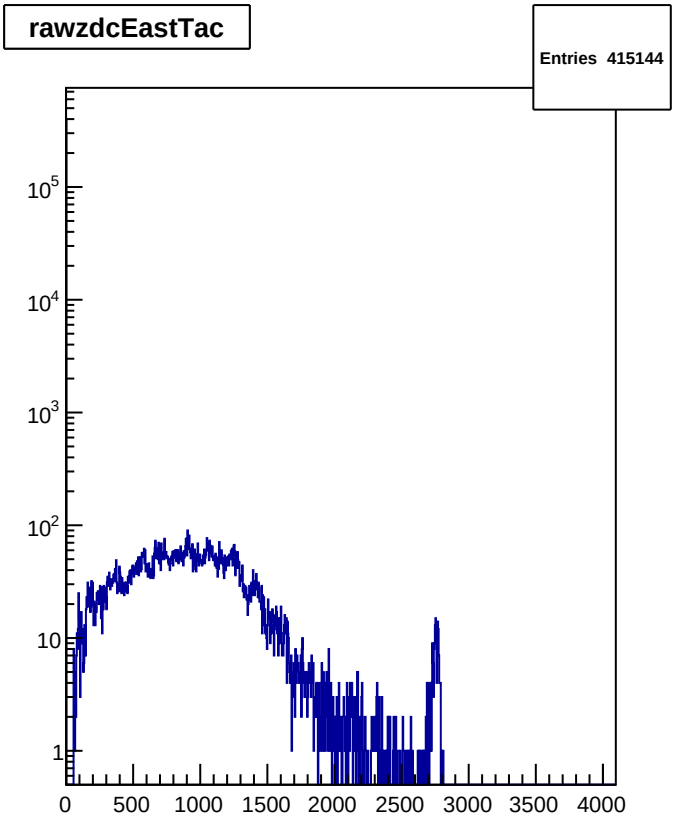

BBQ-BB001 (BBC east small tiles TAC)
Entries 6642304
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

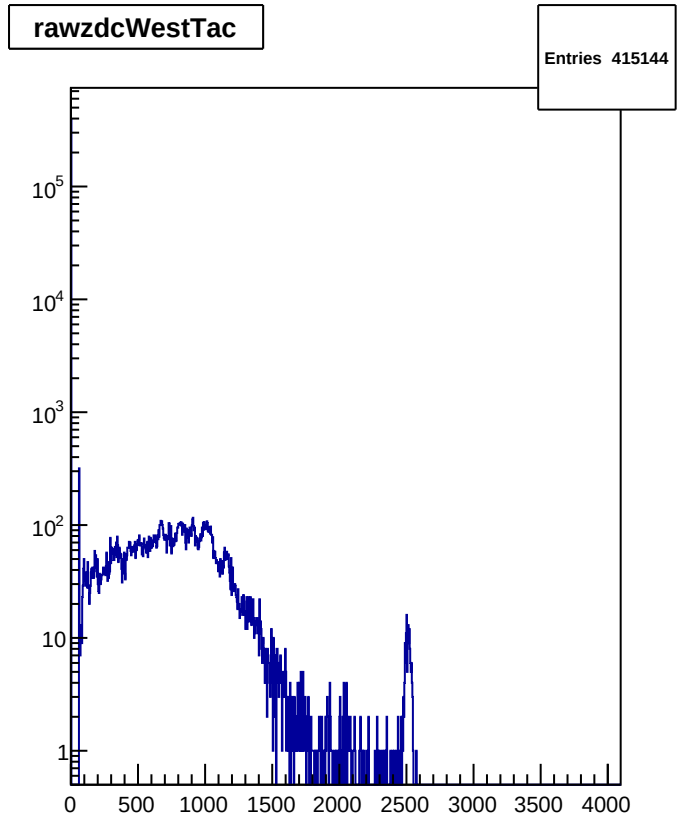

BBQ-BB002 (BBC west small tiles ADC)
Entries 6642304
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

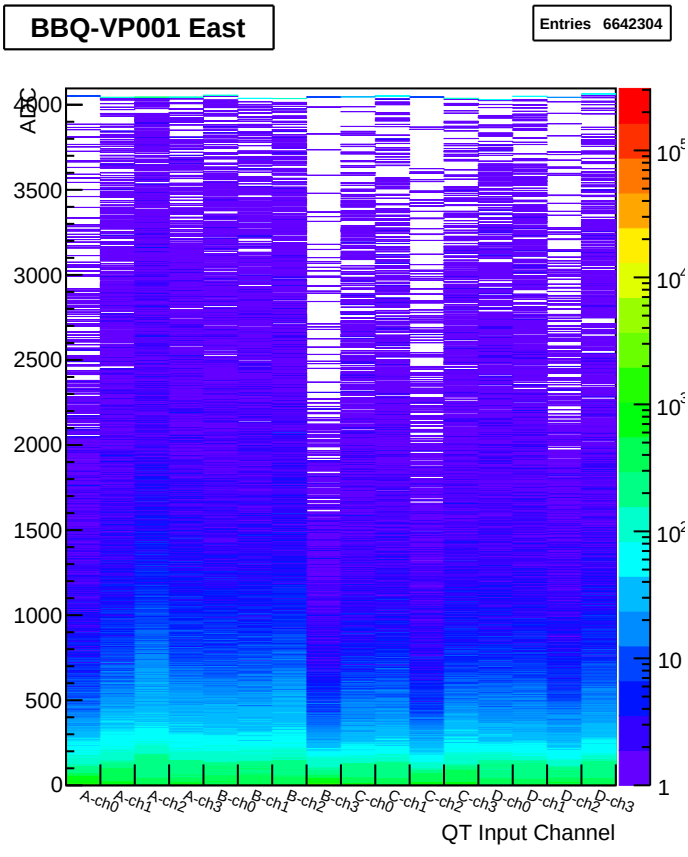

BBQ-BB002 (BBC west small tiles TAC)
Entries 6642304
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

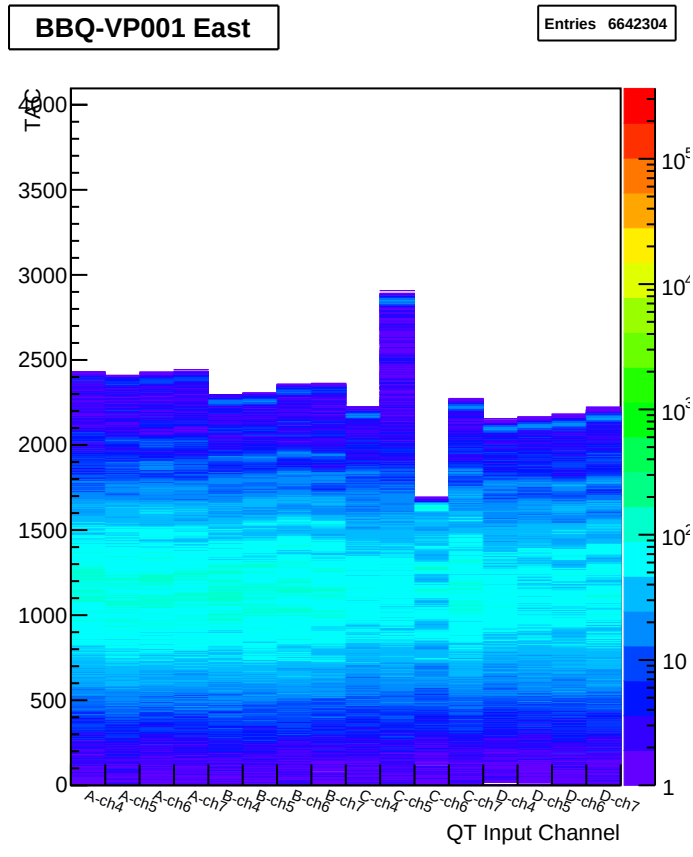

BBQ-ZD001 (ZDC TOWER)
Entries 6642304
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

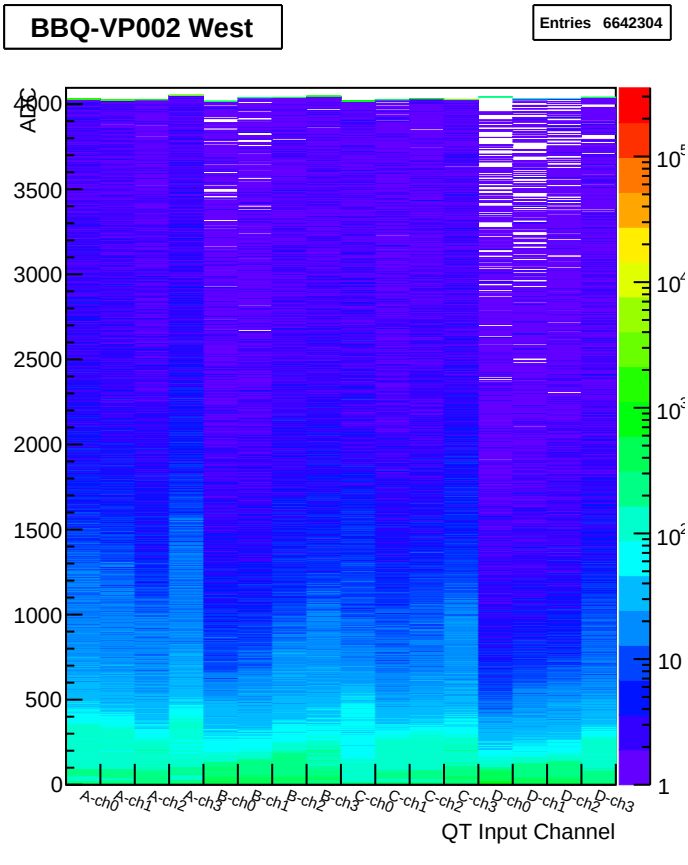

BBQ-ZD001 (ZDC TOWER)
Entries 6642304
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

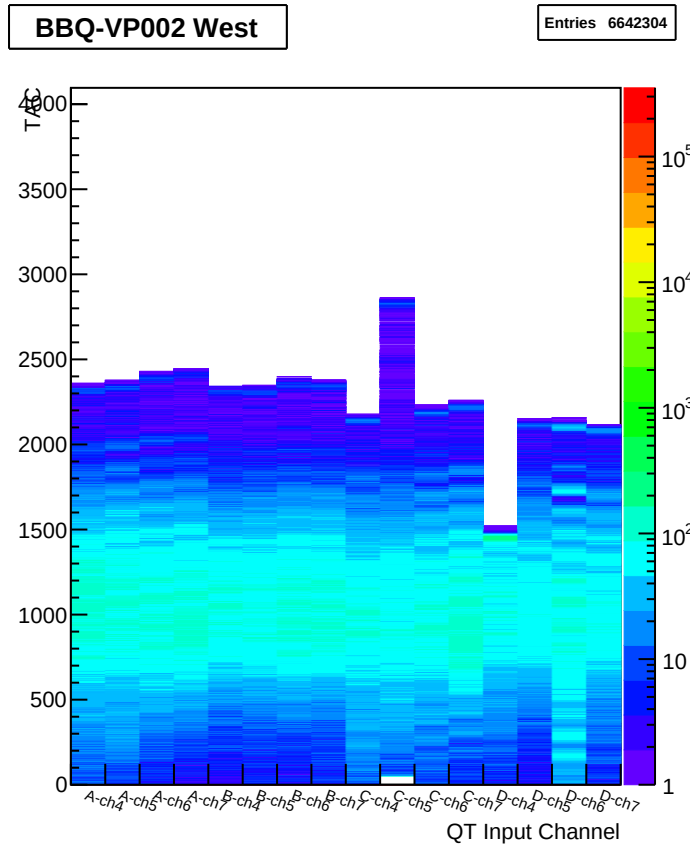

rawzdcEastTac
Entries 415144

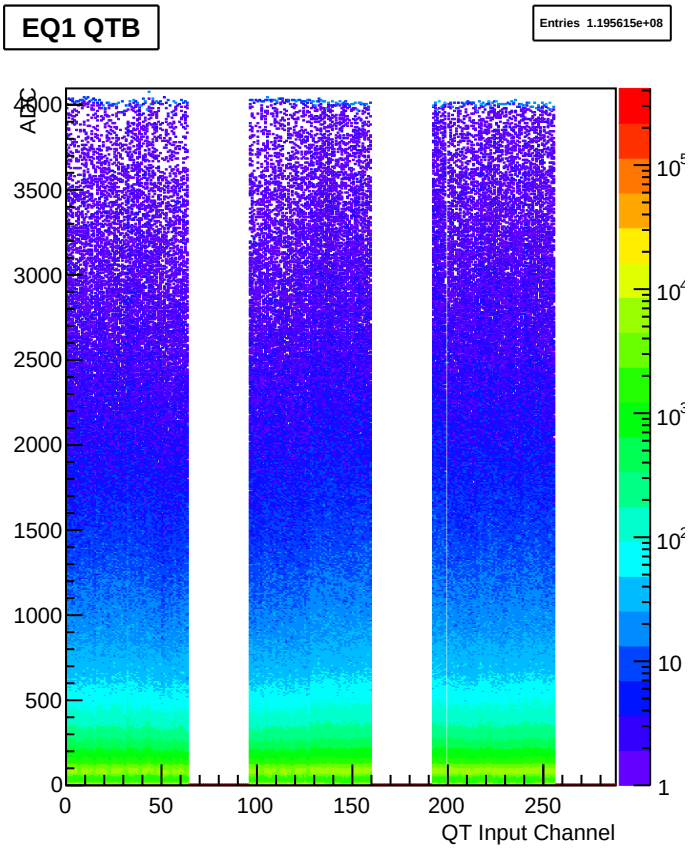

rawzdcWestTac
Entries 415144

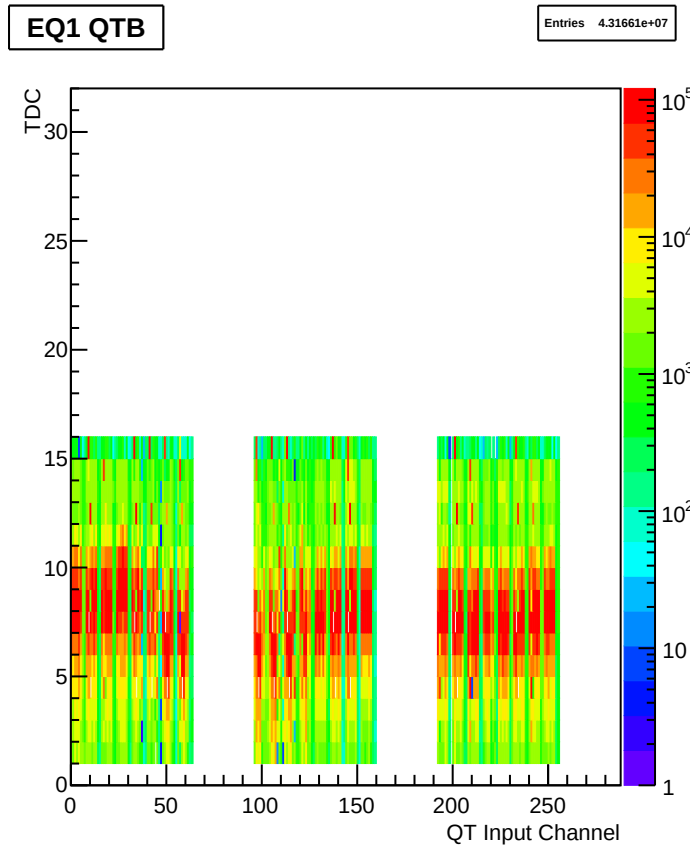

BBQ-VP001 East
Entries 6642304
ADC
QT Input Channel

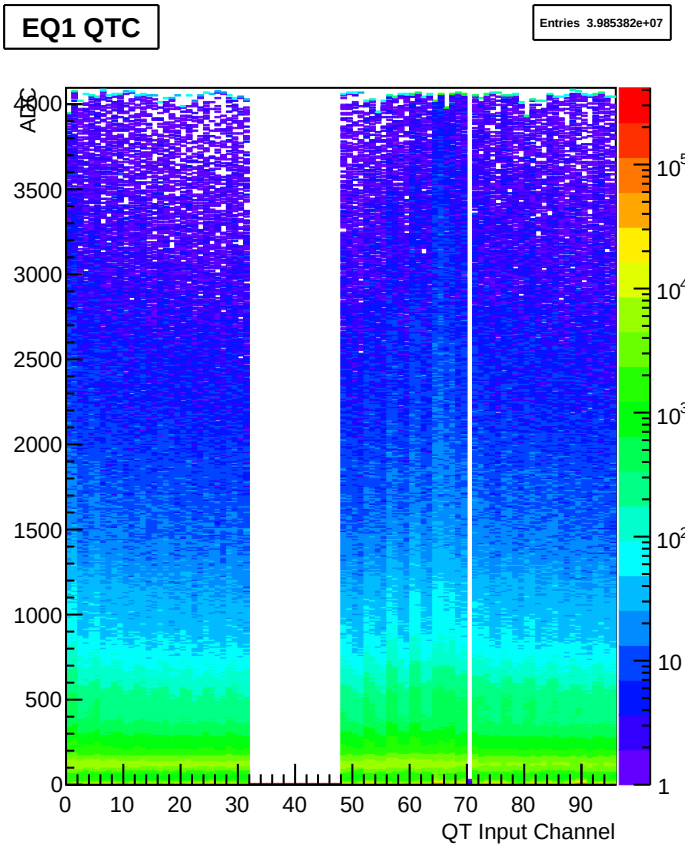

BBQ-VP001 East
Entries 6642304
TADC
QT Input Channel

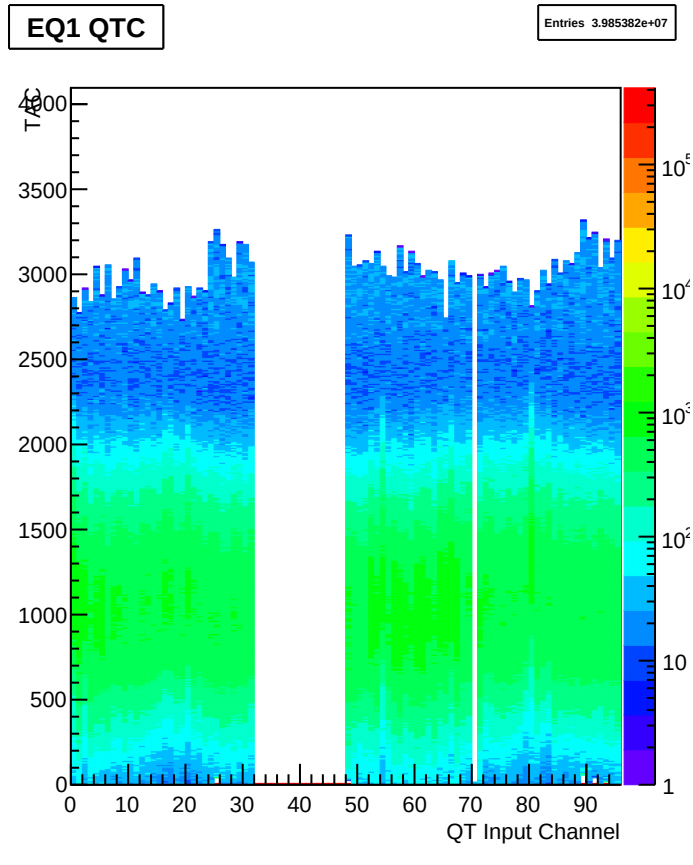

BBQ-VP002 West
Entries 6642304
ADC
QT Input Channel

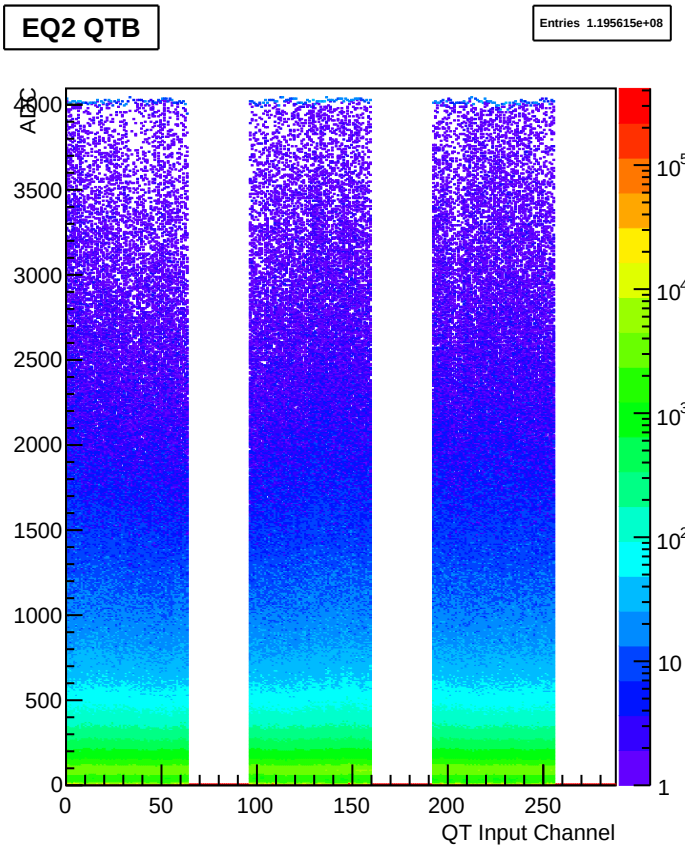

BBQ-VP002 West
Entries 6642304
TADC
QT Input Channel

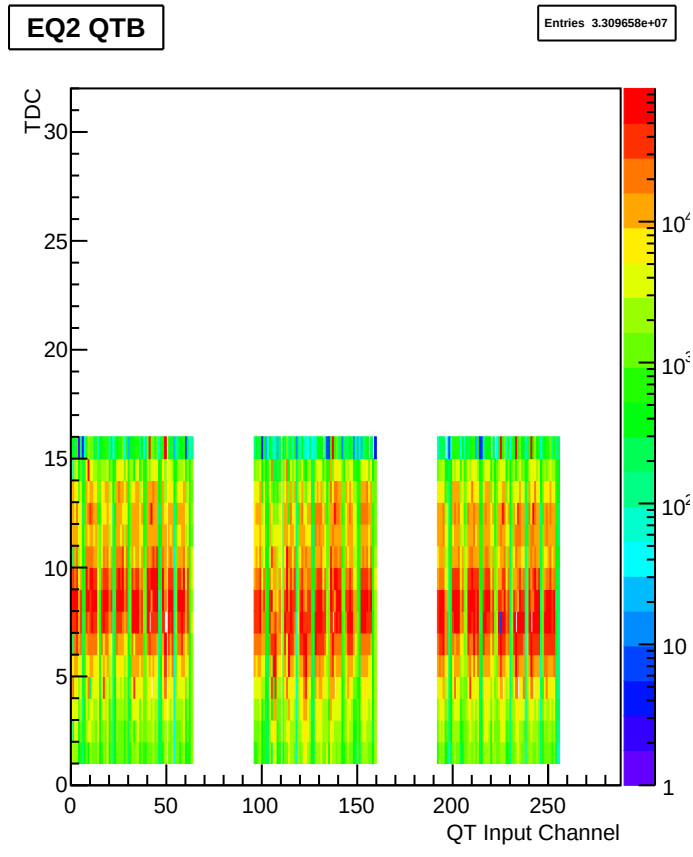

EQ1 QTB
Entries 1.195615e+08
ADC
QT Input Channel

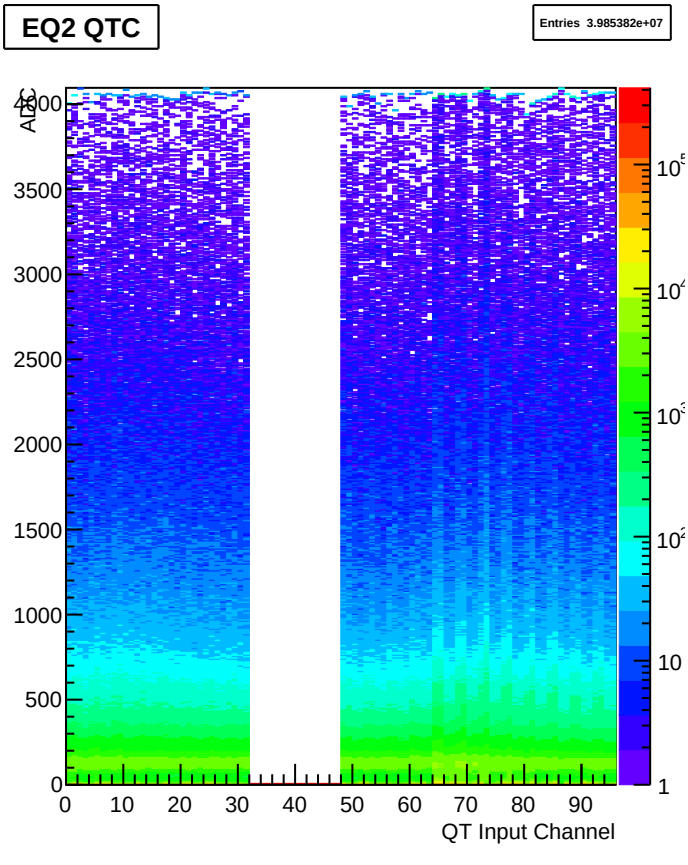

EQ1 QTB
Entries 4.31661e+07
TDC
QT Input Channel

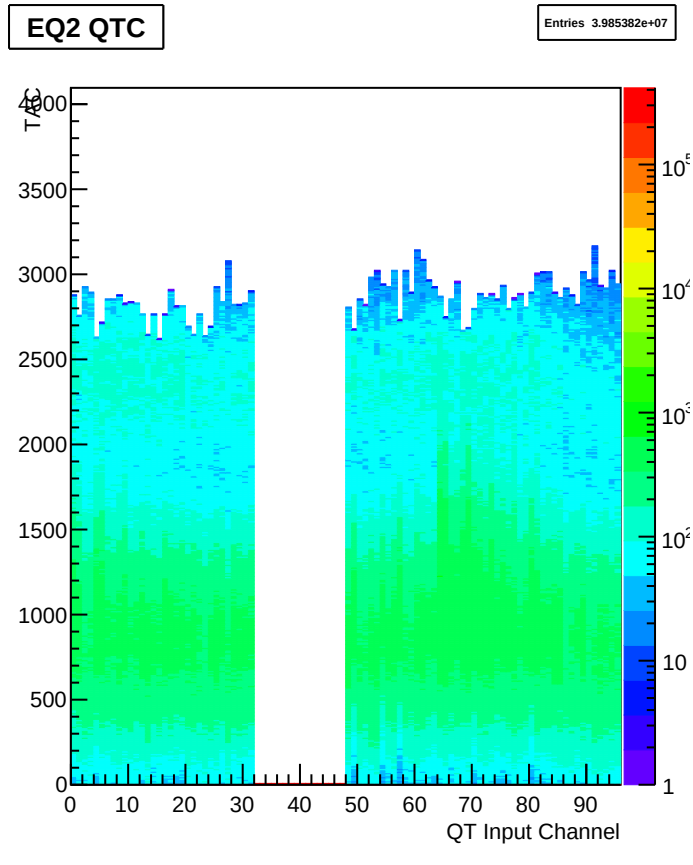

EQ1 QTC
Entries 3.985382e+07
ADC
QT Input Channel

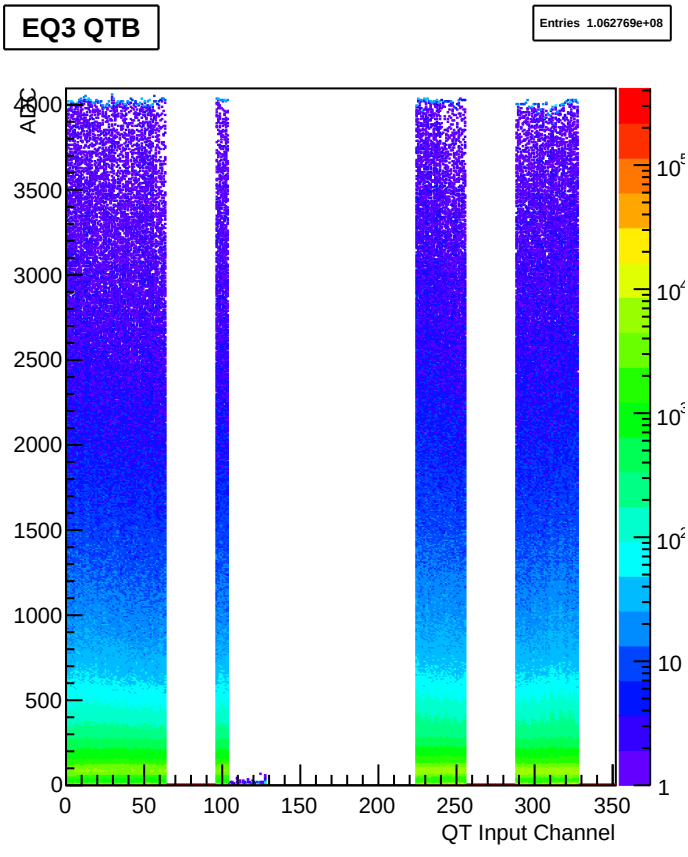

EQ1 QTC
Entries 3.985382e+07
TADC
QT Input Channel

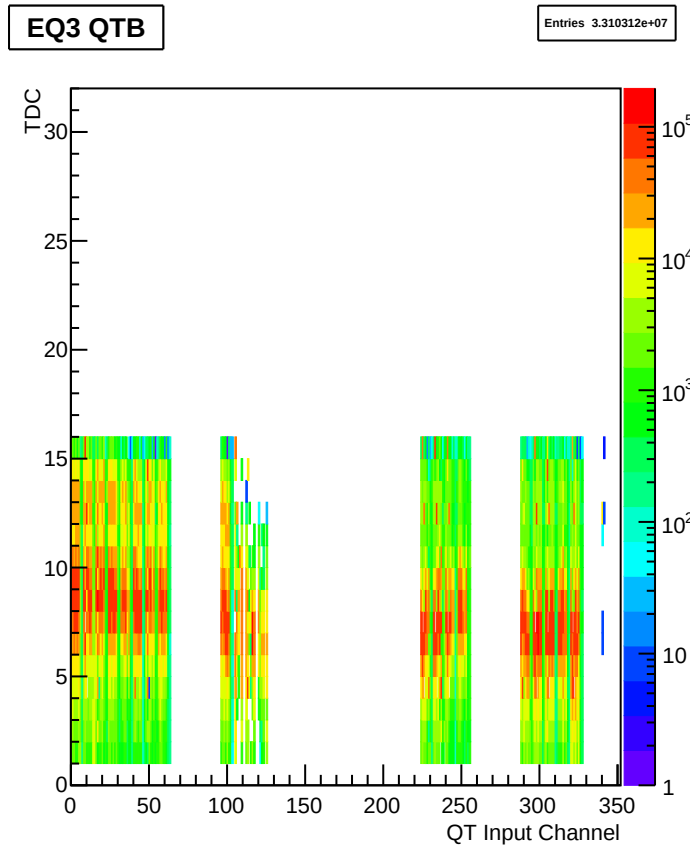

EQ2 QTB
Entries 1.195615e+08
ADC
QT Input Channel

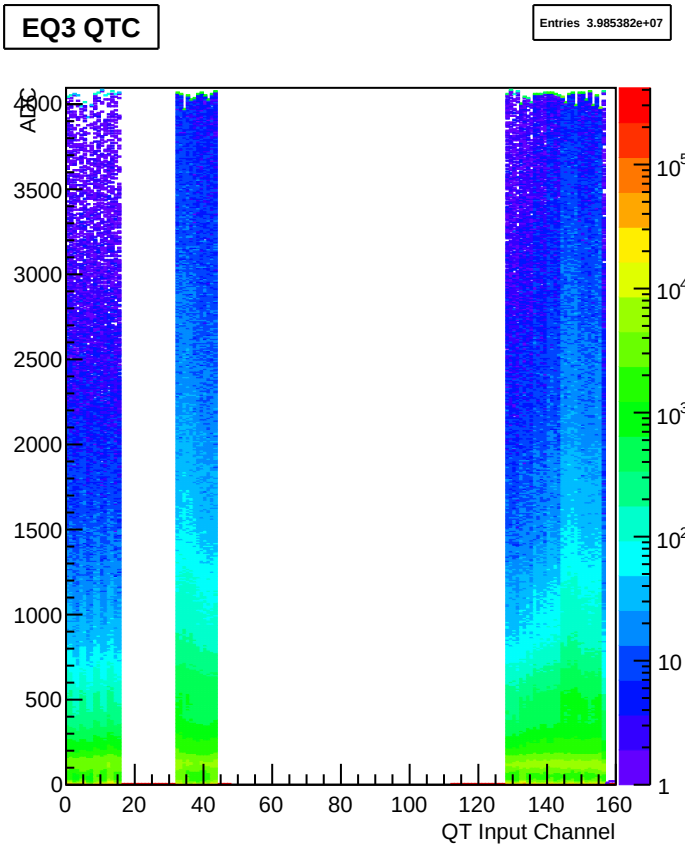

EQ2 QTB
Entries 3.309658e+07
TDC
QT Input Channel

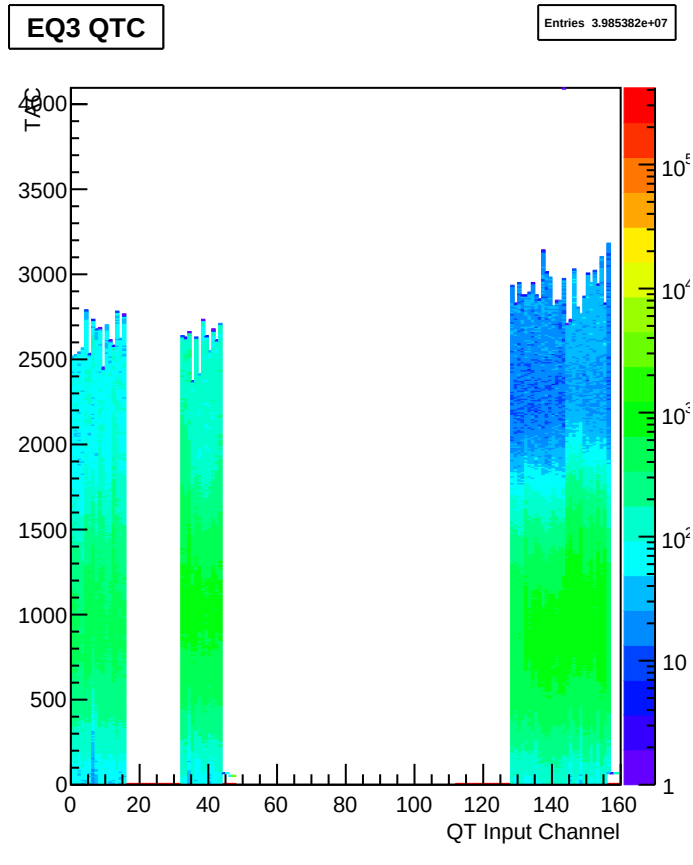

EQ2 QTC
Entries 3.985382e+07
ADC
QT Input Channel


EQ2 QTC
Entries 3.985382e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.062769e+08
ADC
QT Input Channel


EQ3 QTB
Entries 3.310312e+07
TDC
QT Input Channel


EQ3 QTC
Entries 3.985382e+07
ADC
QT Input Channel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Entries 3.985382e+07
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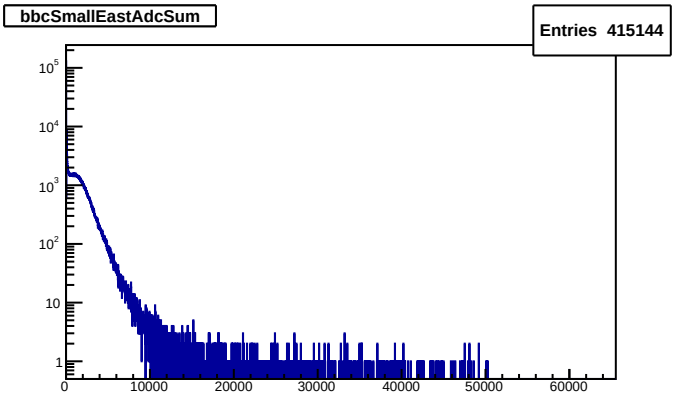
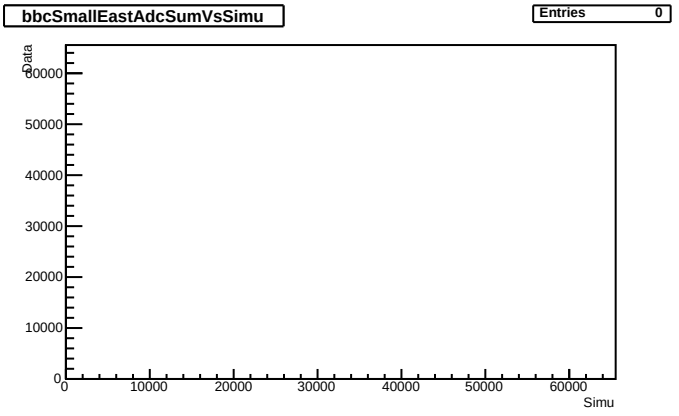
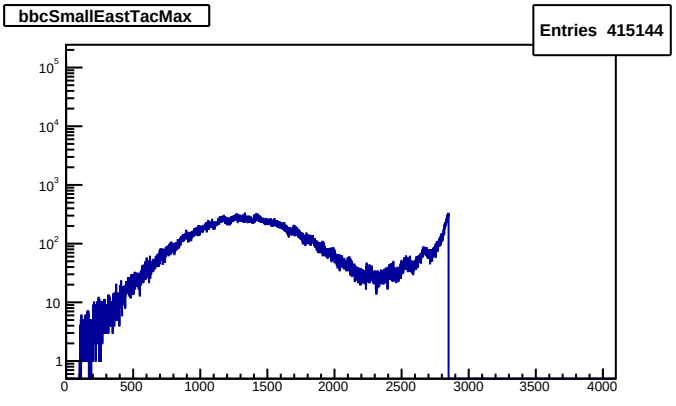
QT Input Channel


bbcSmallEastAdcSum
Entries 415144


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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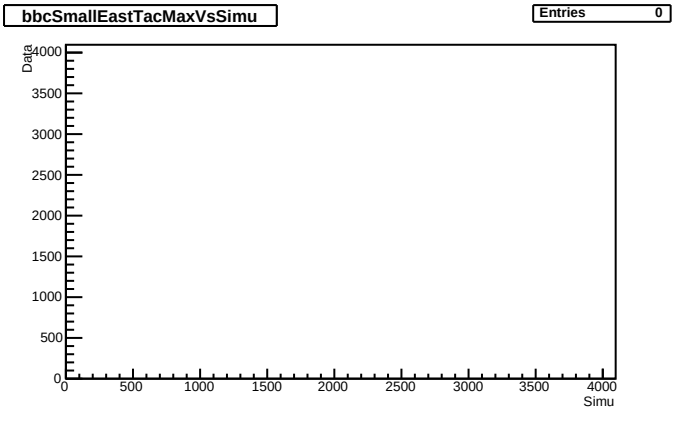
Entries 415144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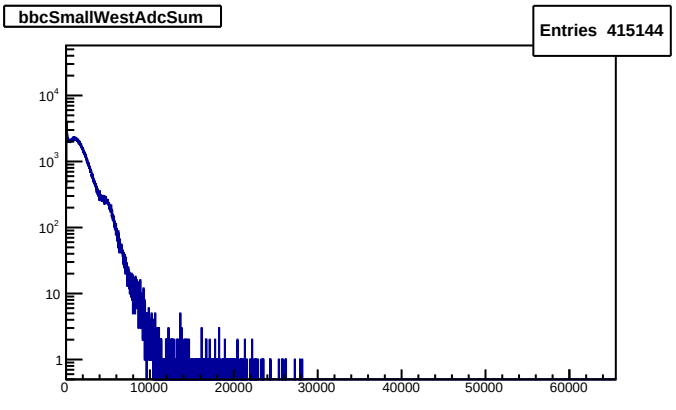
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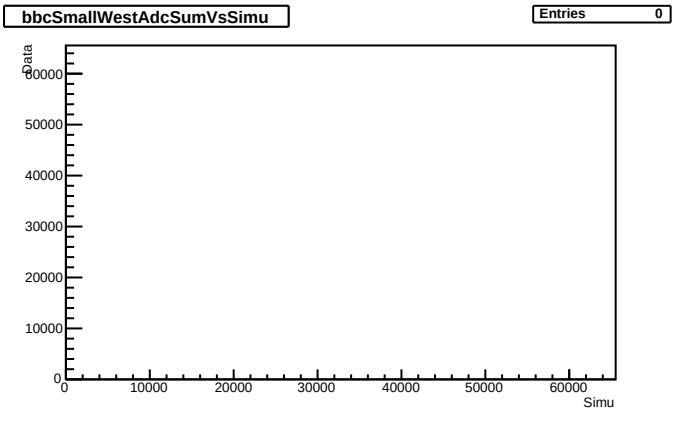
Entries 415144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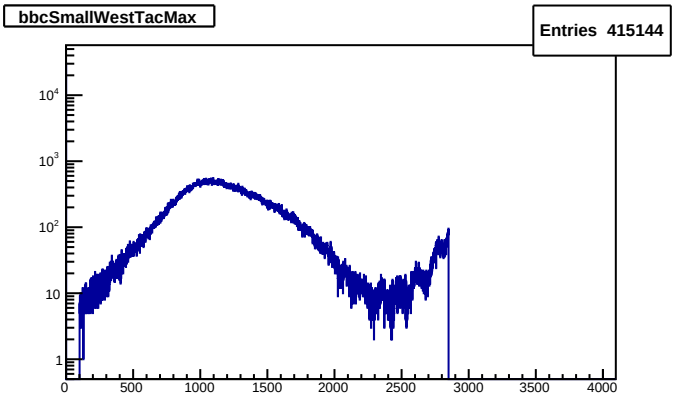
Simu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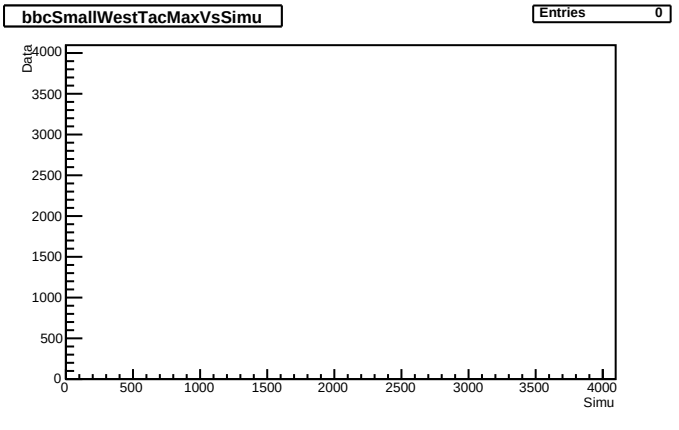
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Entries 0
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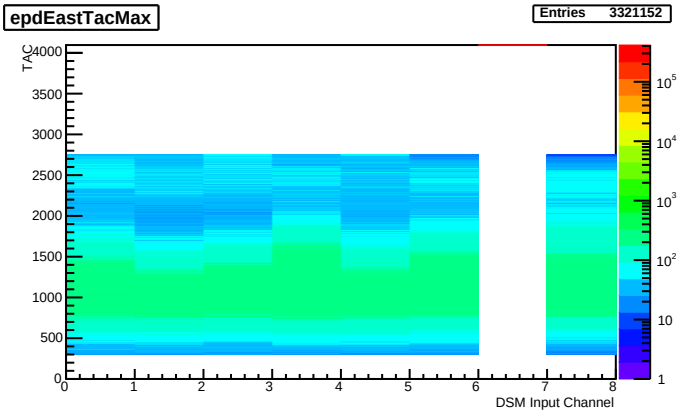
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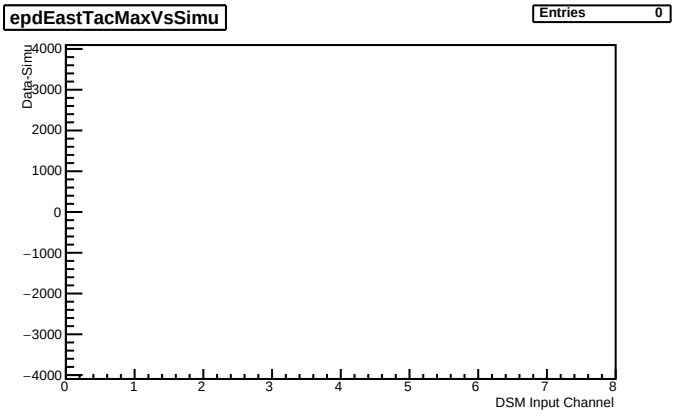
DSM Input Channel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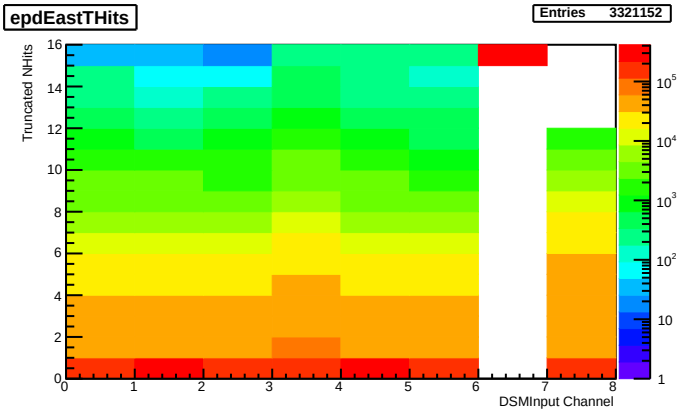
Data-Simu
DSM Input Channel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Entries 3321152
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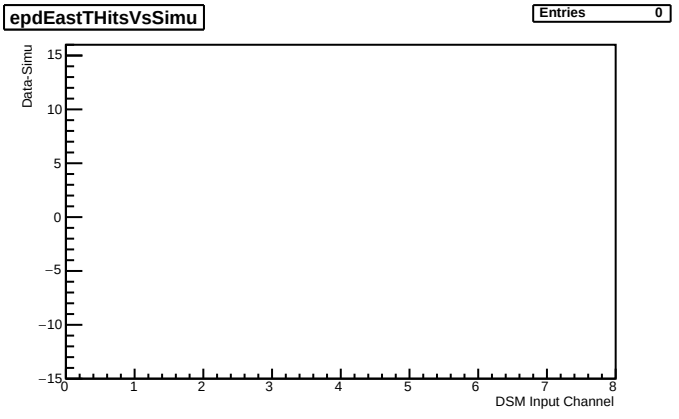
DSMInput Channel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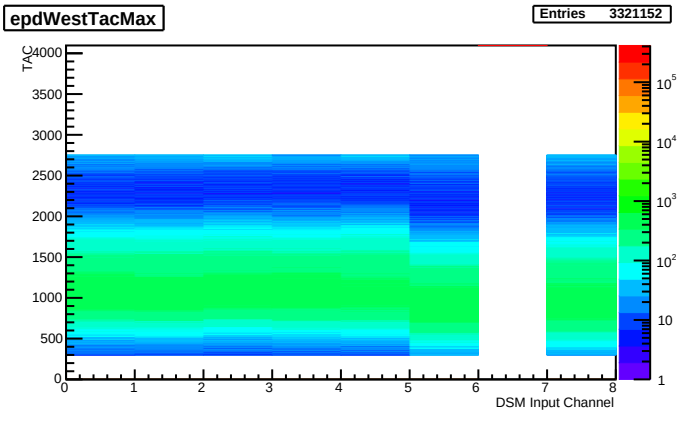
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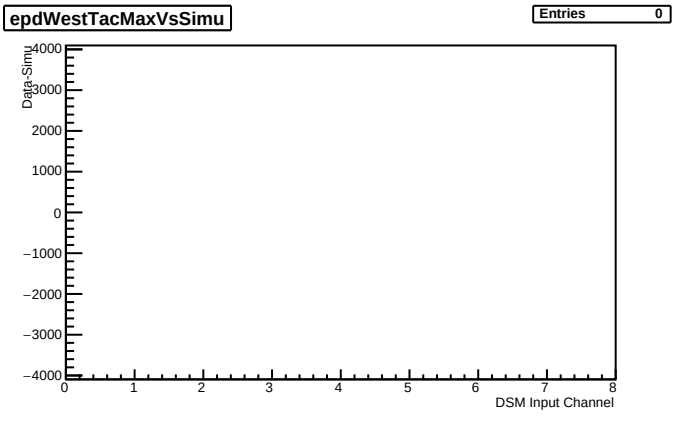
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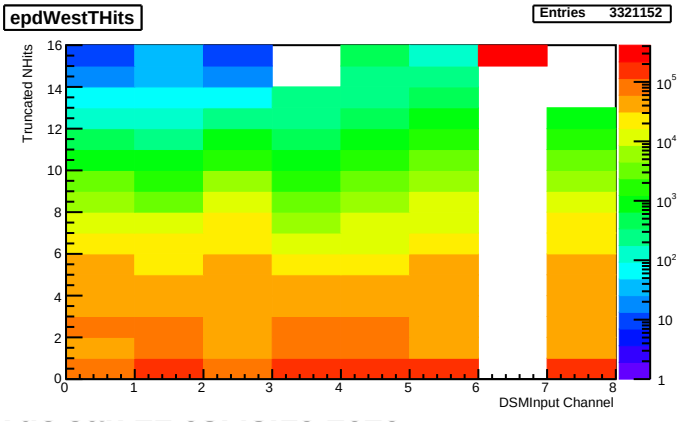
DSM Input Channel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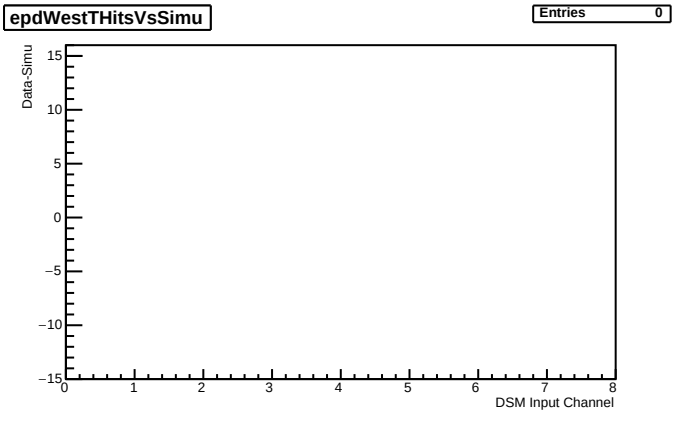
Truncated NHits
DSMInput Channel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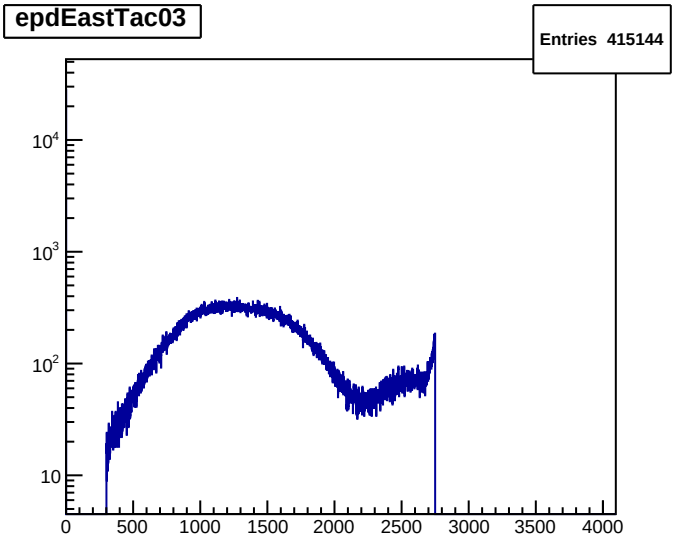
DSM Input Channel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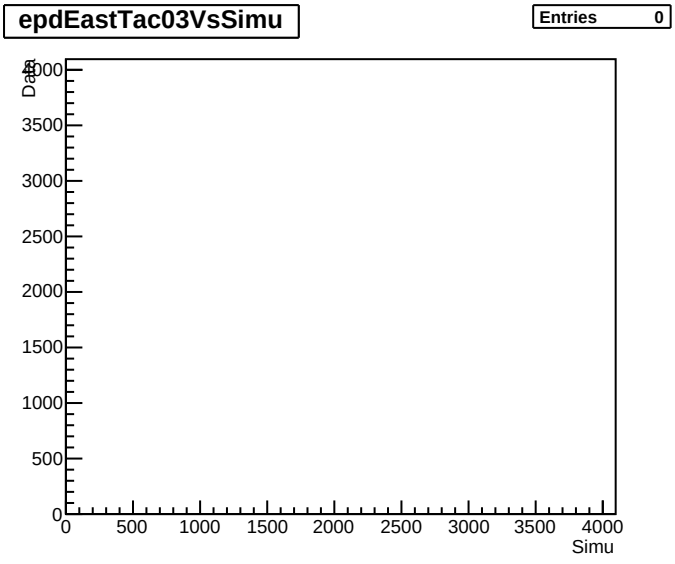
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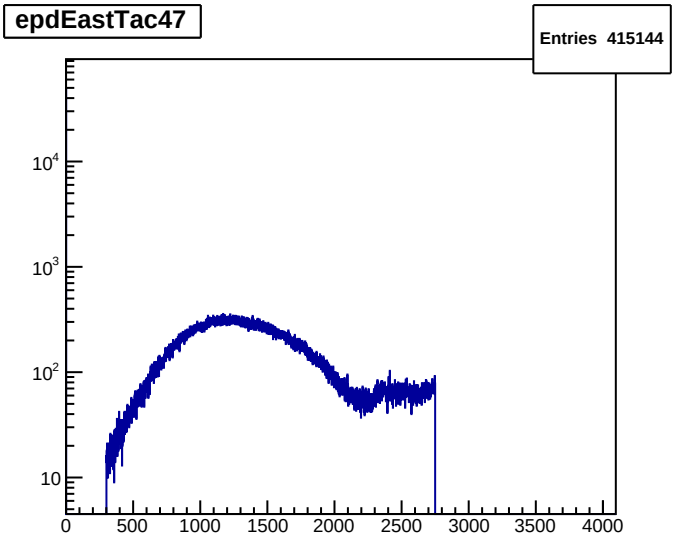
Data
Simu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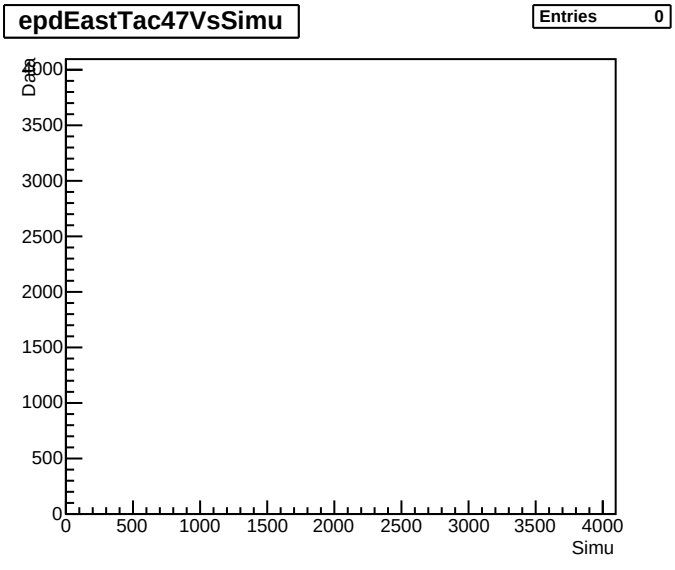
Entries 415144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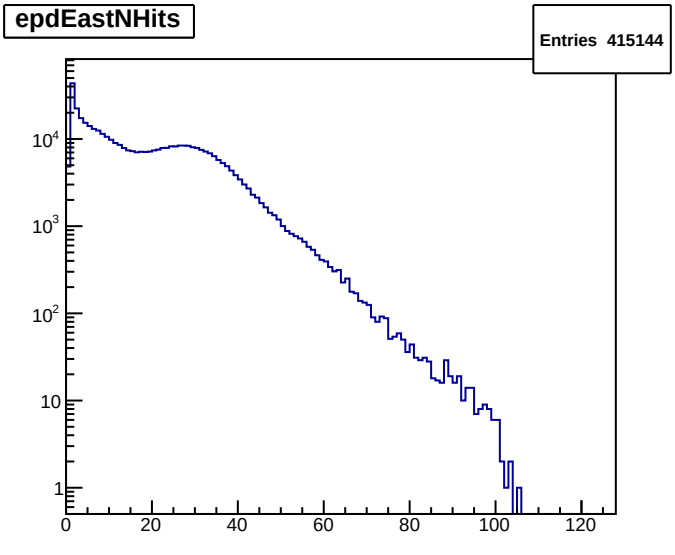
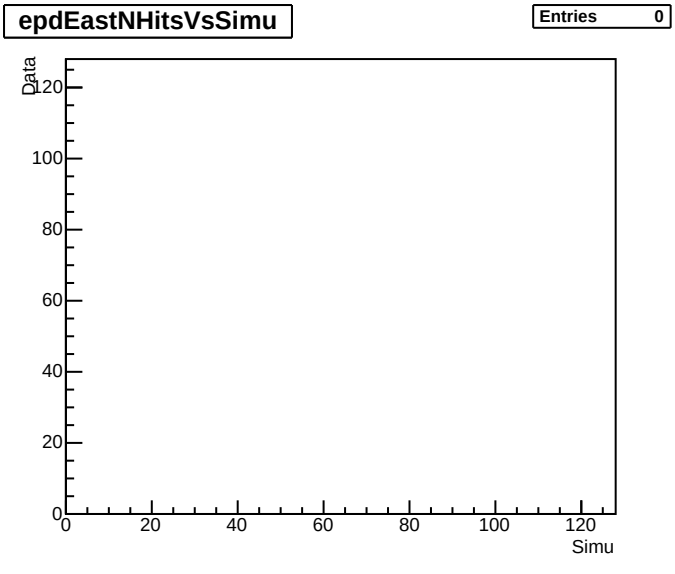
Data
Simu


epdEastNHits
Entries 415144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Data
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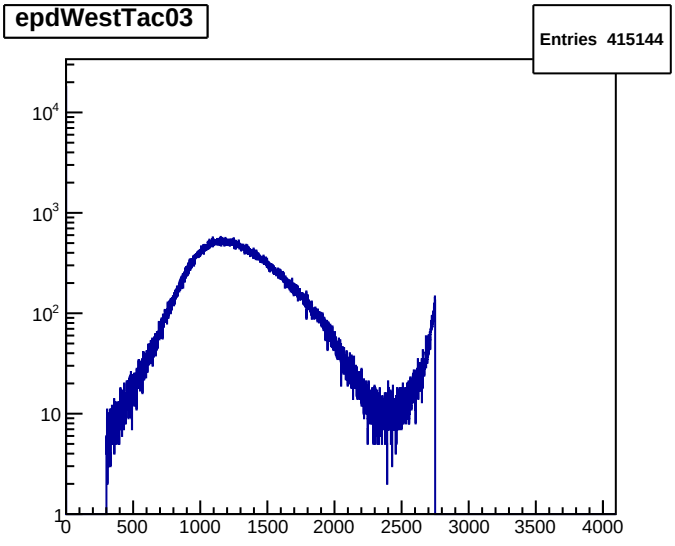
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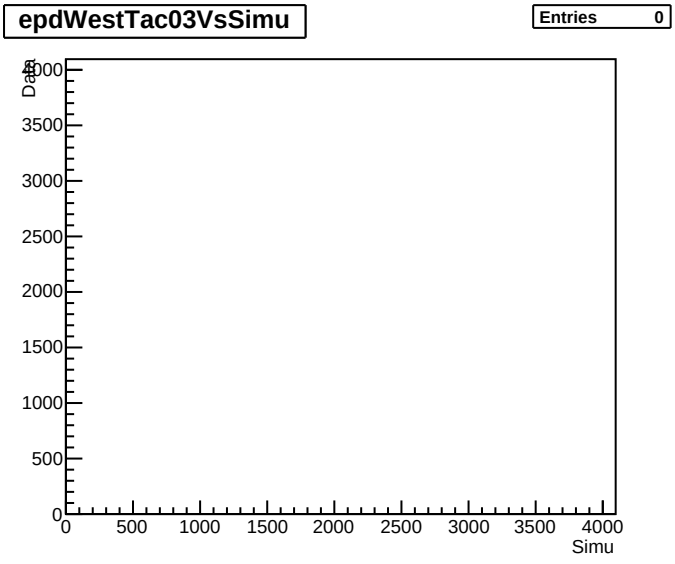
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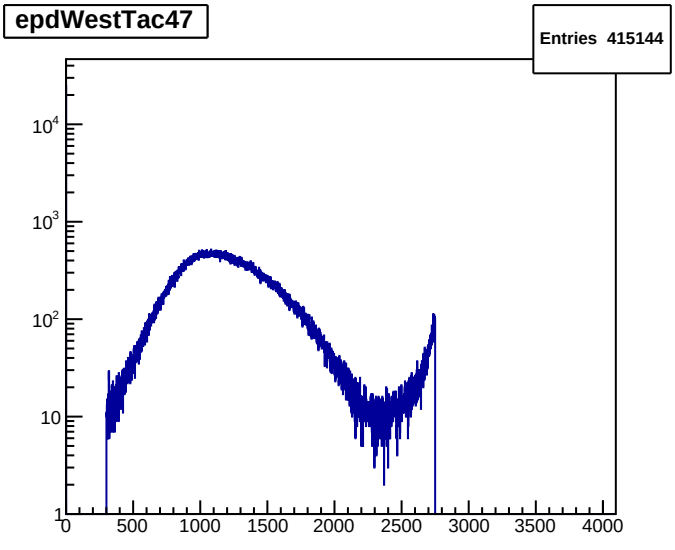
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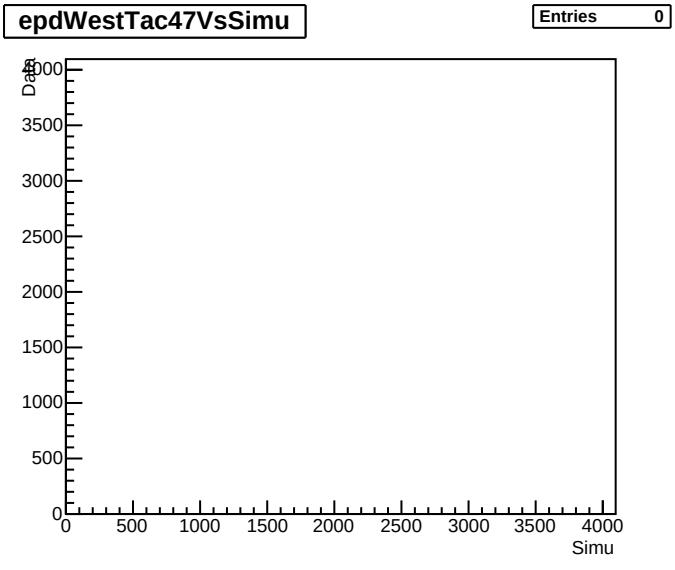
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Data
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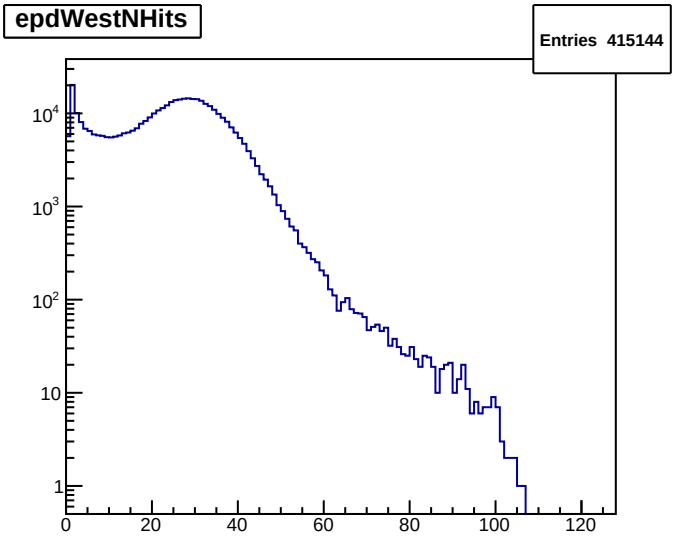
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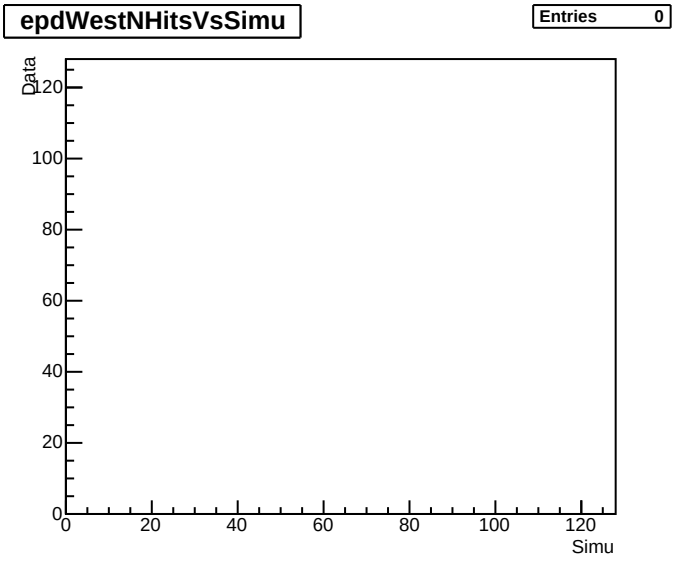
Entries 415144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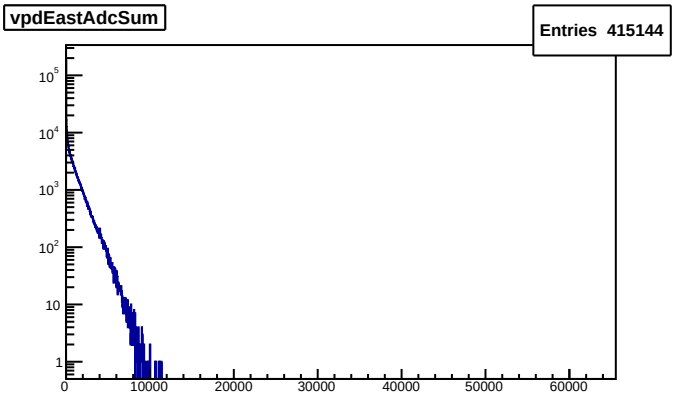
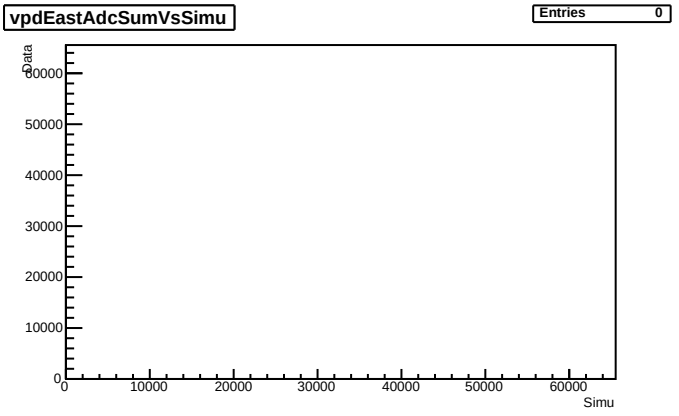
Entries 0
Data
Simu


vpdEastAdcSum
Entries 415144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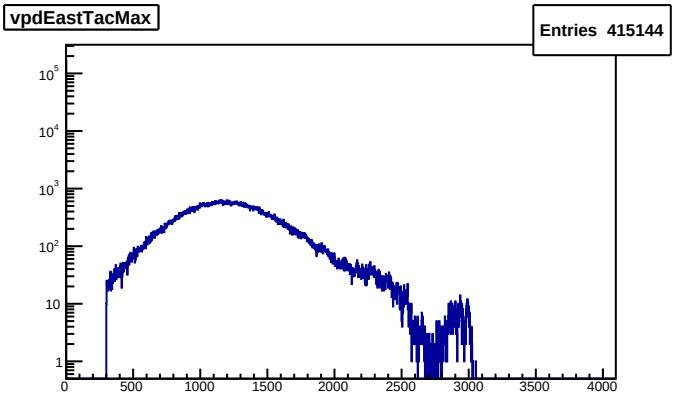
Entries 0
Data
Simu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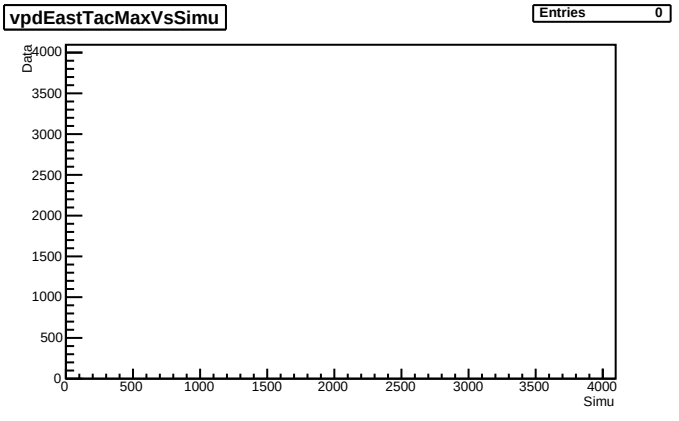
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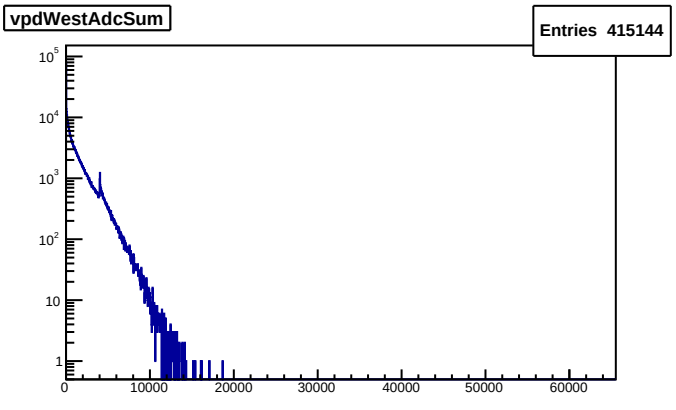
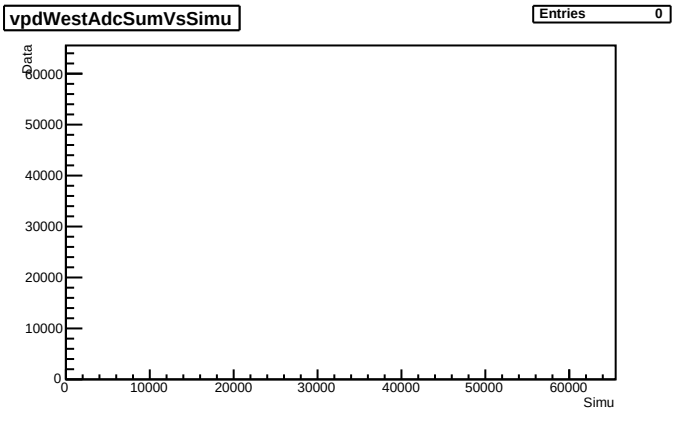

vpdWestAdcSum
Entries 415144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Entries 0
Data
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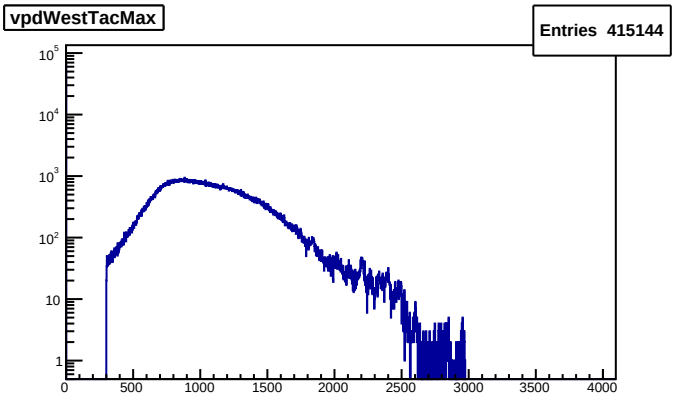
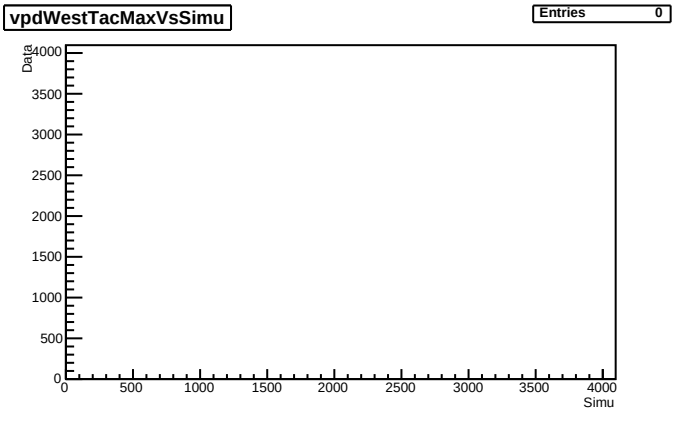

vpdWestTacMax
Entries 415144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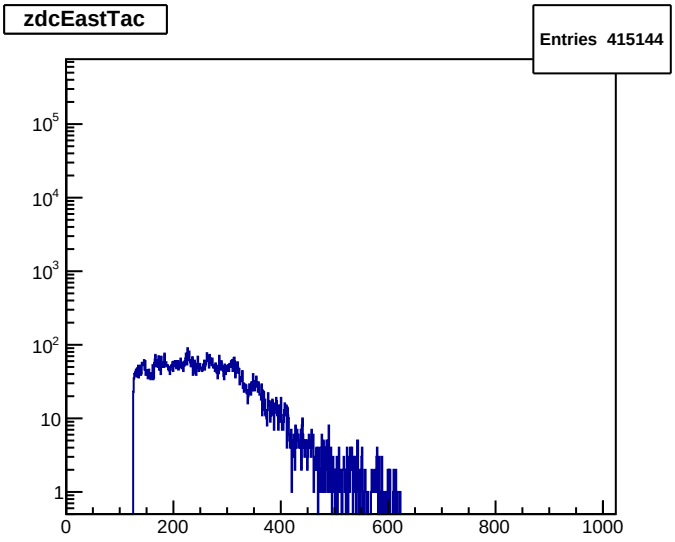
Entries 0
Data
Simu


zdcEastTac
Entries 415144
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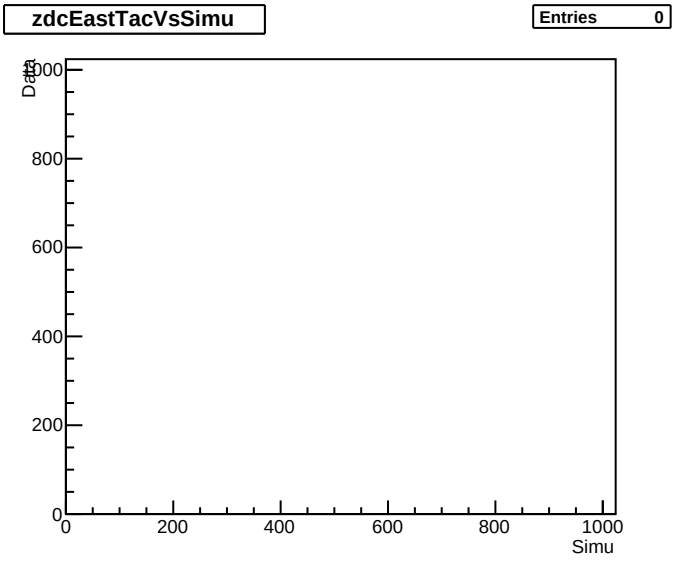
$10^4$
$10^3$
$10^2$
10
1
0
200
400
600
800
1000


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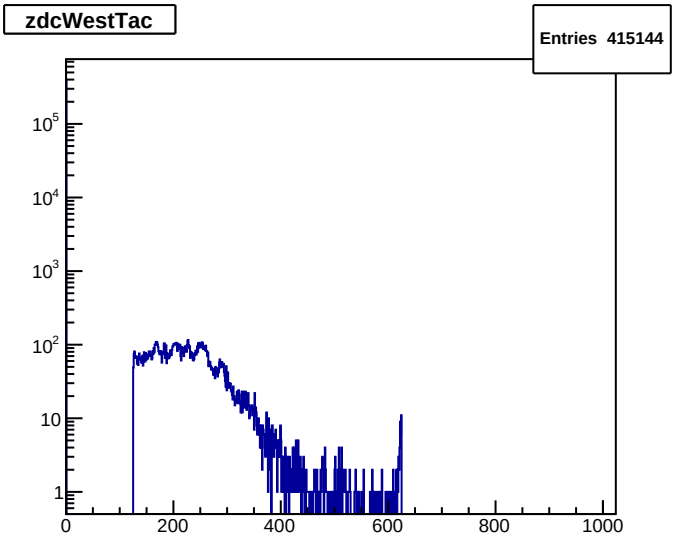
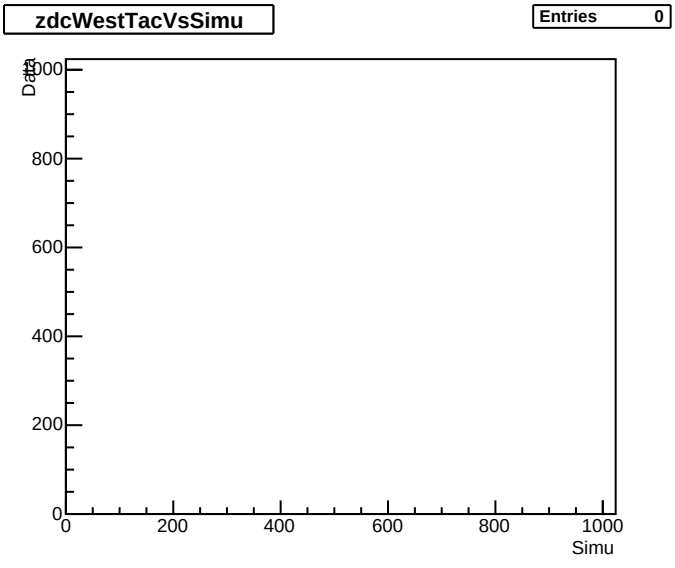
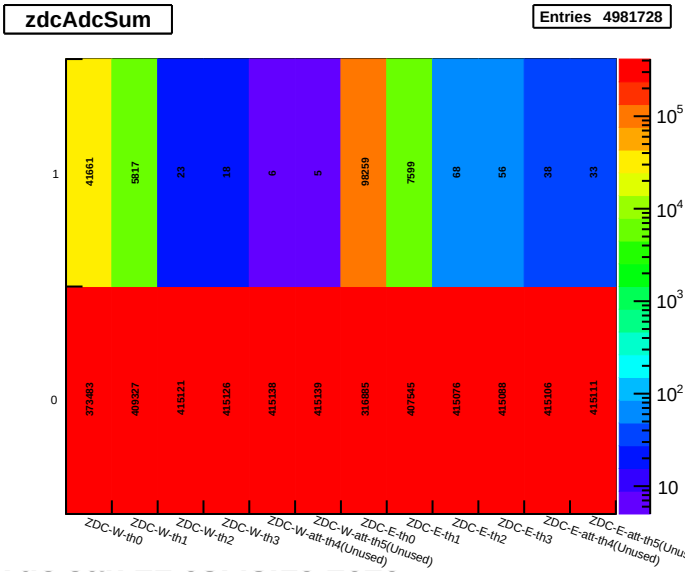
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 415144
$10^5$
$10^4$
$10^3$
$10^2$
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 4981728
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0
41661
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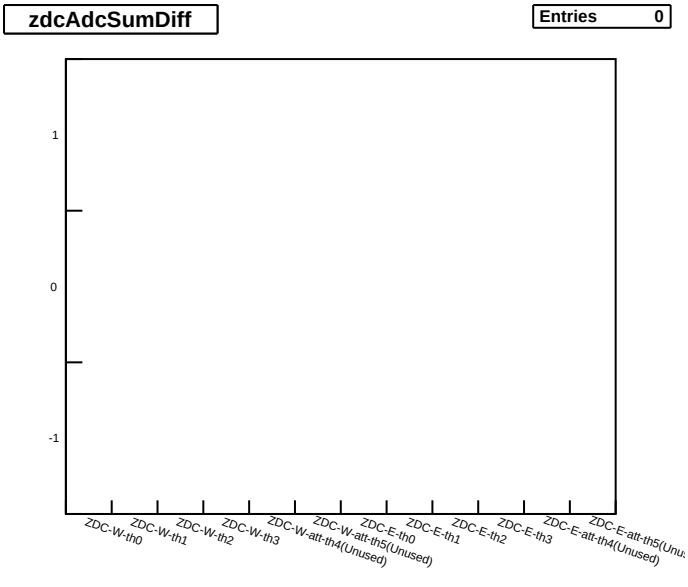
23
18
6
5
98259
7599
68
56
38
33
373483
409327
415121
415126
415138
415139
316885
407545
415076
415088
415106
415111
$10^5$
$10^4$
$10^3$
$10^2$
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu


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
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ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
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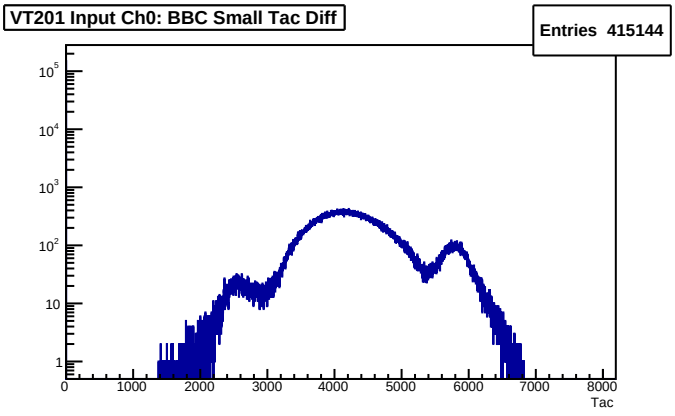
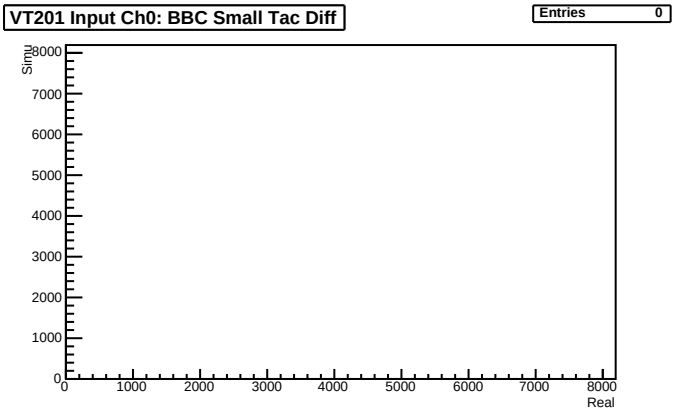
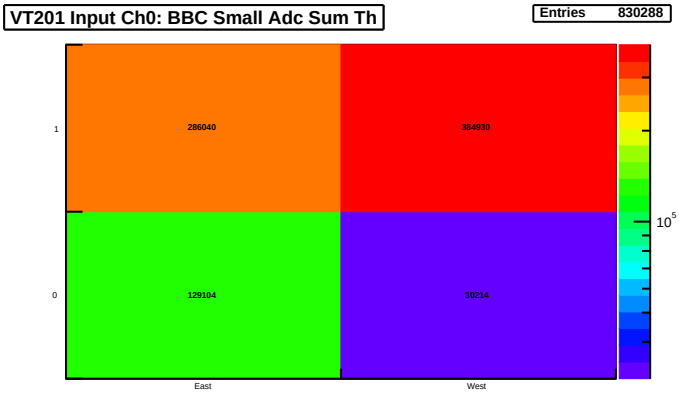
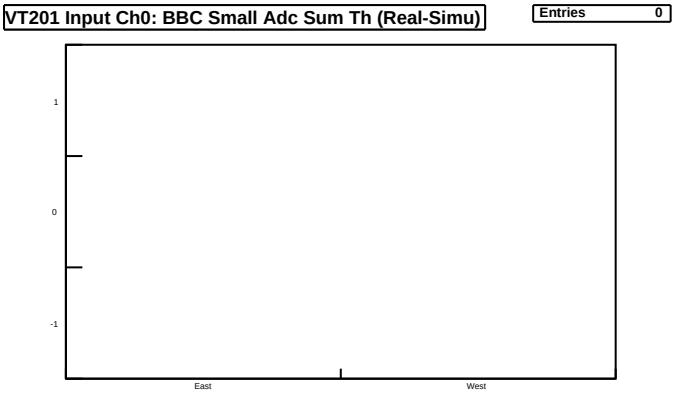
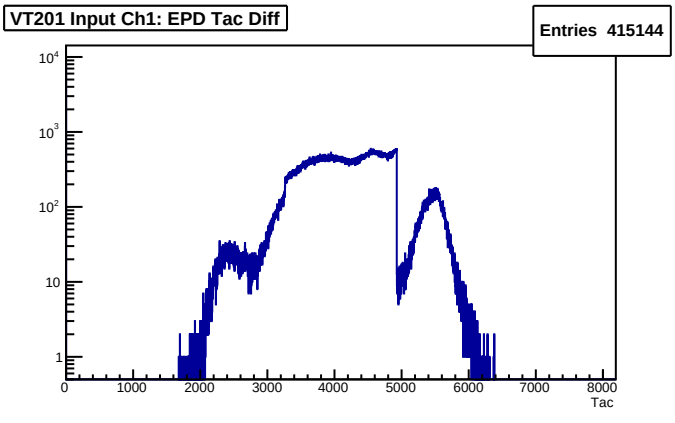
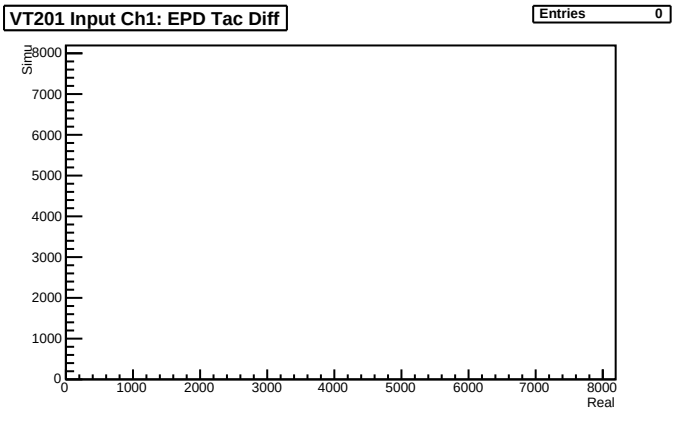

VT201 Input Ch0: BBC Small Tac Diff
Entries 415144
Tac

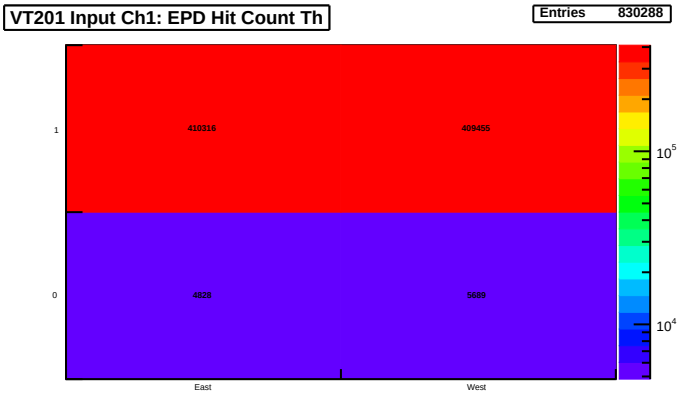

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

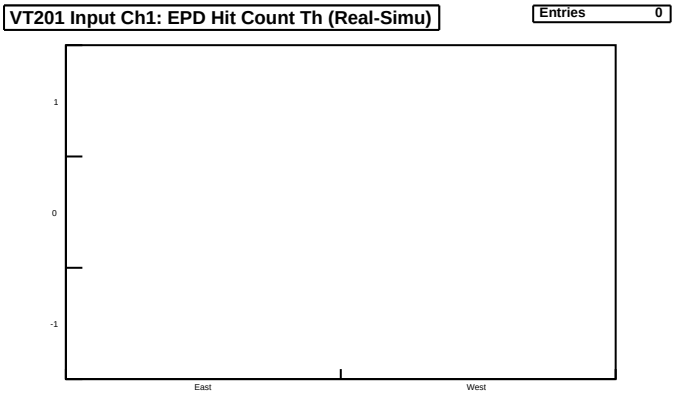

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 830288
286040
384930
129104
30214
East
West

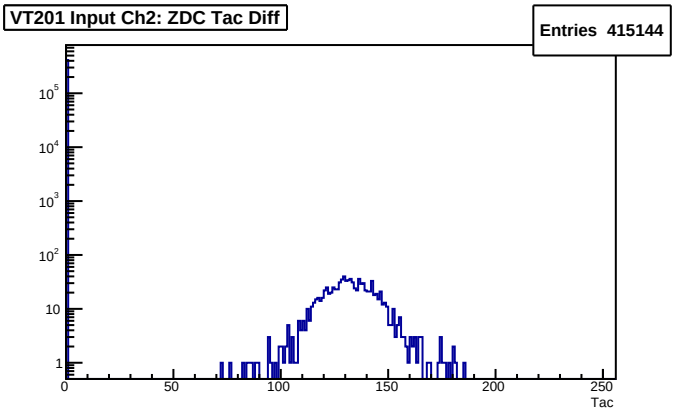

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

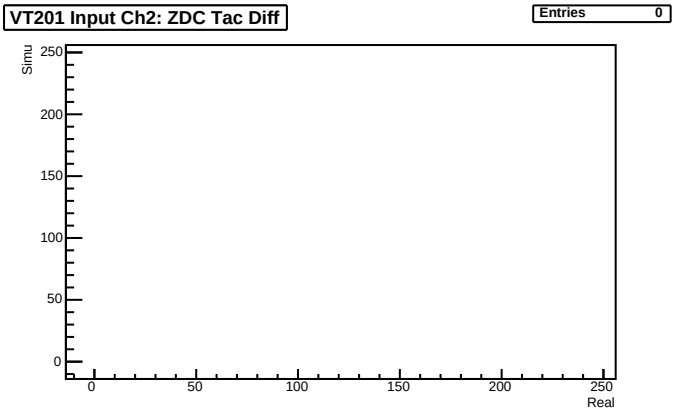

VT201 Input Ch1: EPD Tac Diff
Entries 415144
Tac

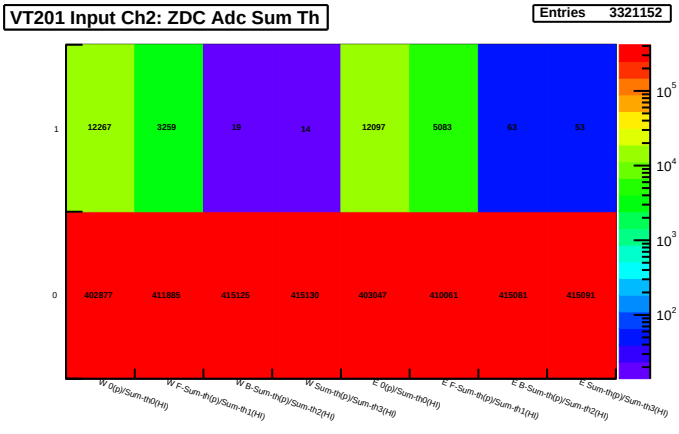

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

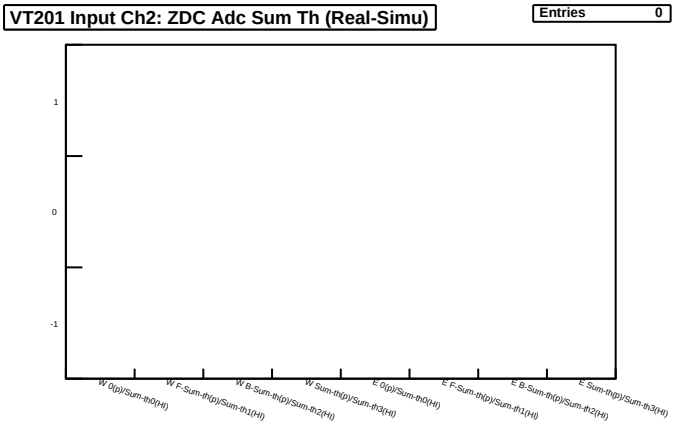

VT201 Input Ch1: EPD Hit Count Th
Entries 830288
410316
409455
4828
5689
East
West

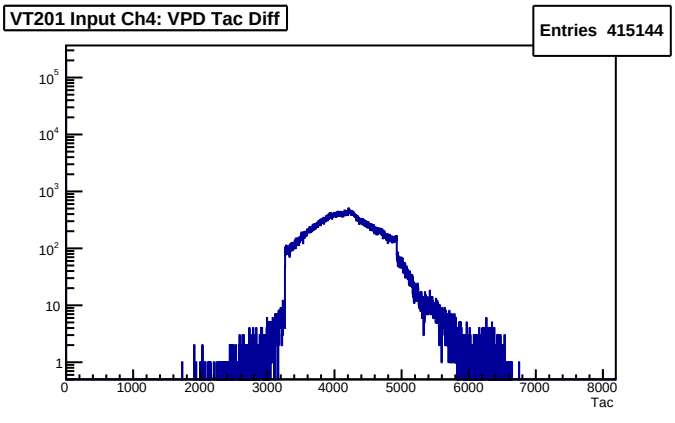

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

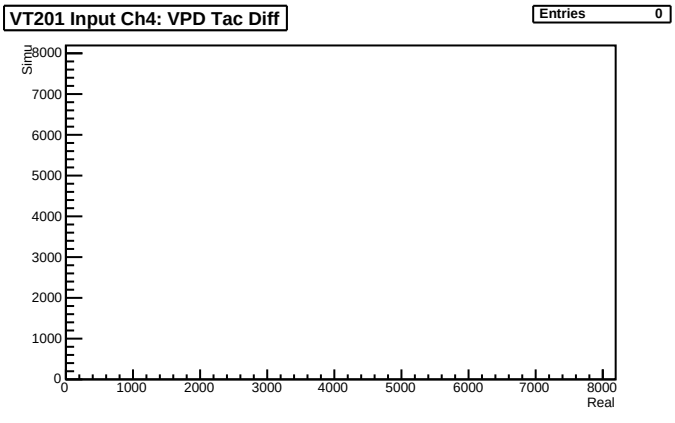

VT201 Input Ch2: ZDC Tac Diff
Entries 415144
Tac

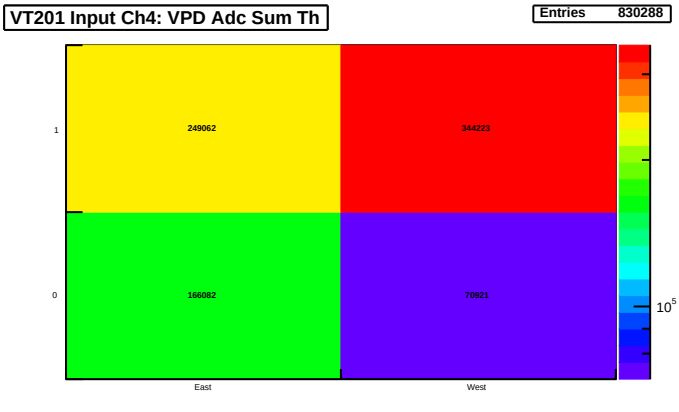

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

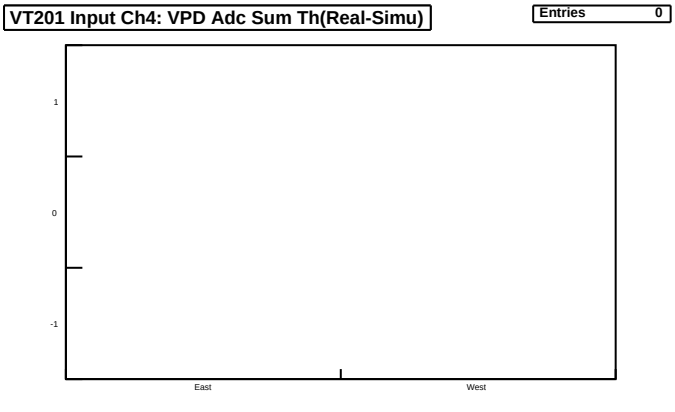

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3321152
12267
3259
19
14
12097
5083
63
53
402877
411885
415125
415130
403047
410061
415081
415091
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

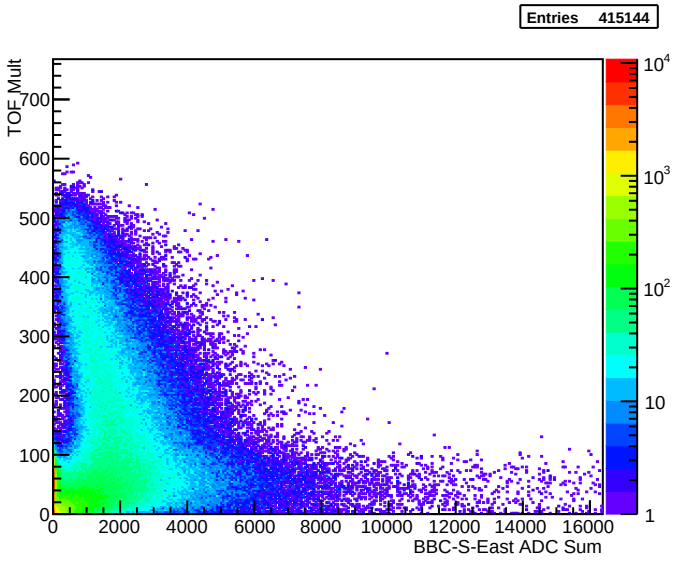

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

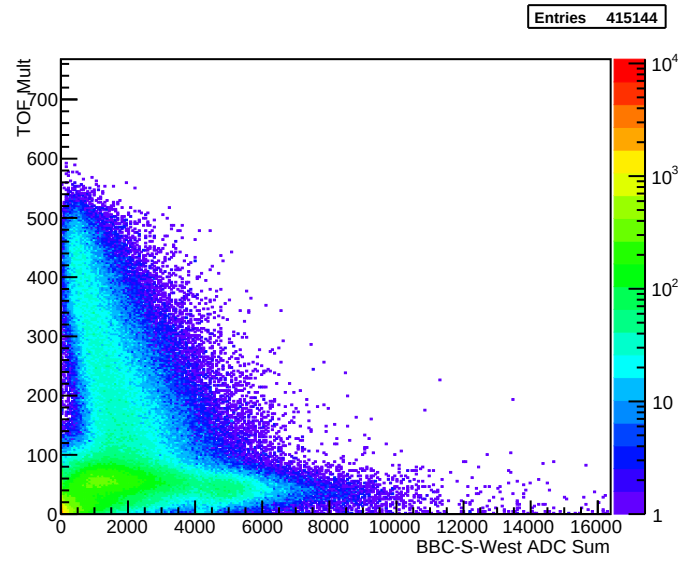

VT201 Input Ch4: VPD Tac Diff
Entries 415144
Tac

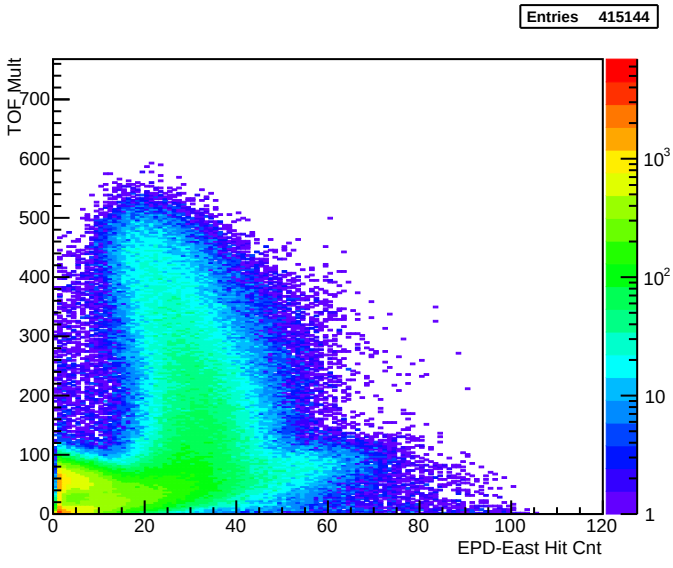

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

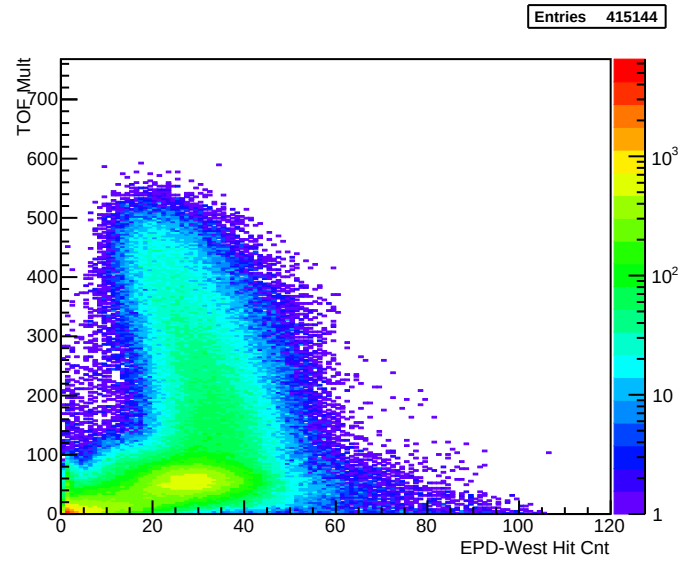

VT201 Input Ch4: VPD Adc Sum Th
Entries 830288
249062
344223
166082
70921
East
West

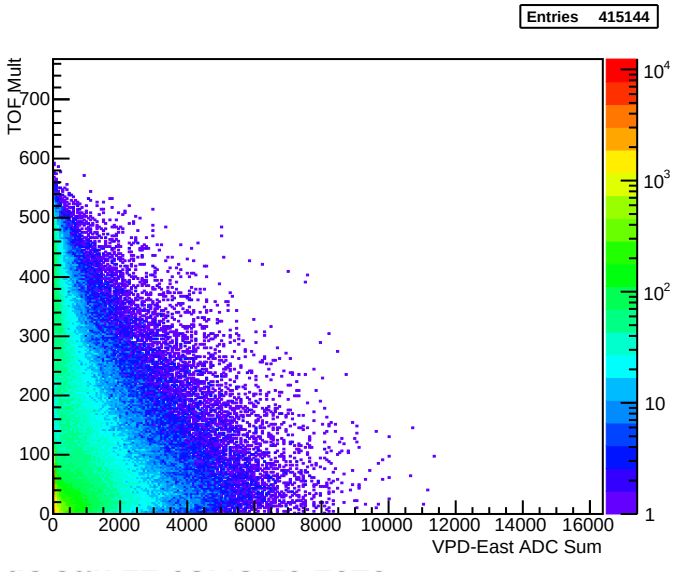

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

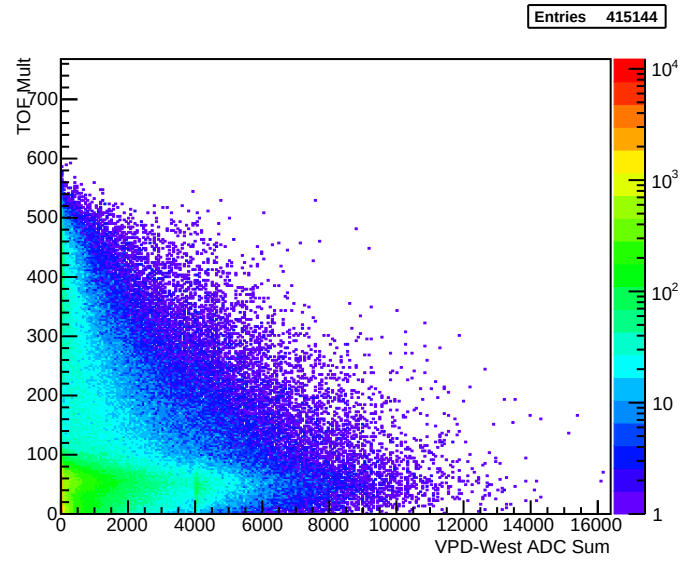

Entries 415144
TOF_Mult
BBC-S-East ADC Sum

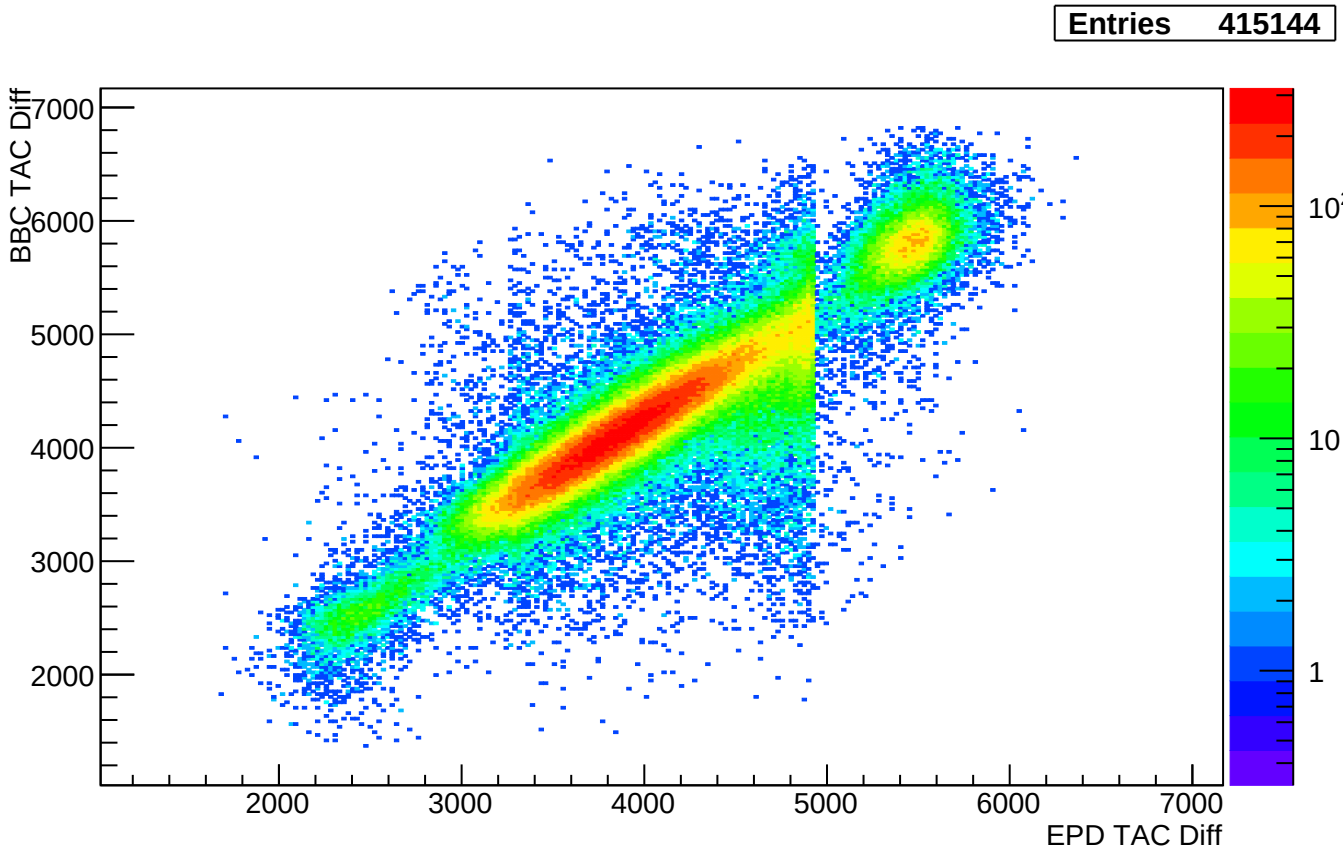

Entries 415144
TOF_Mult
BBC-S-West ADC Sum

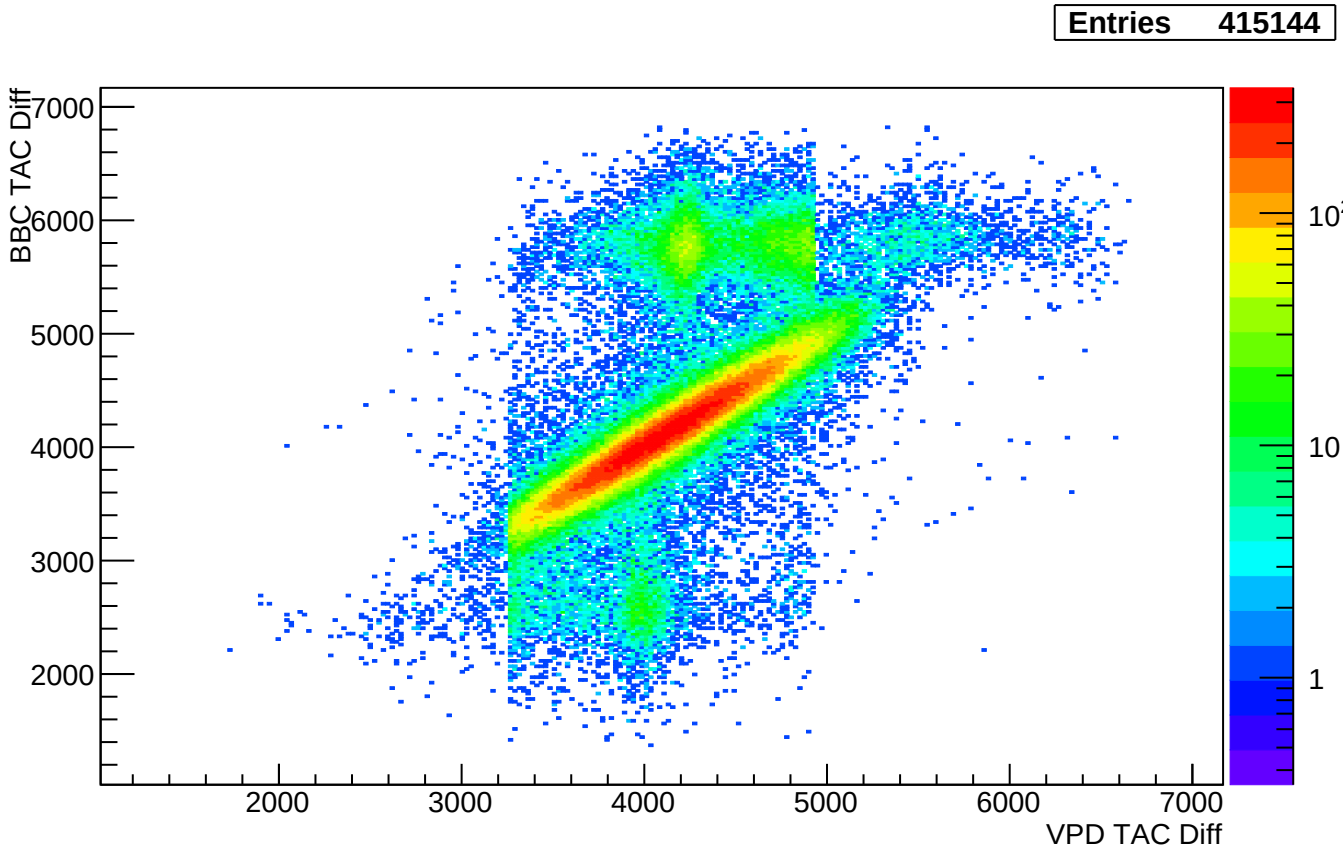

Entries 415144
TOF_Mult
EPD-East Hit Cnt

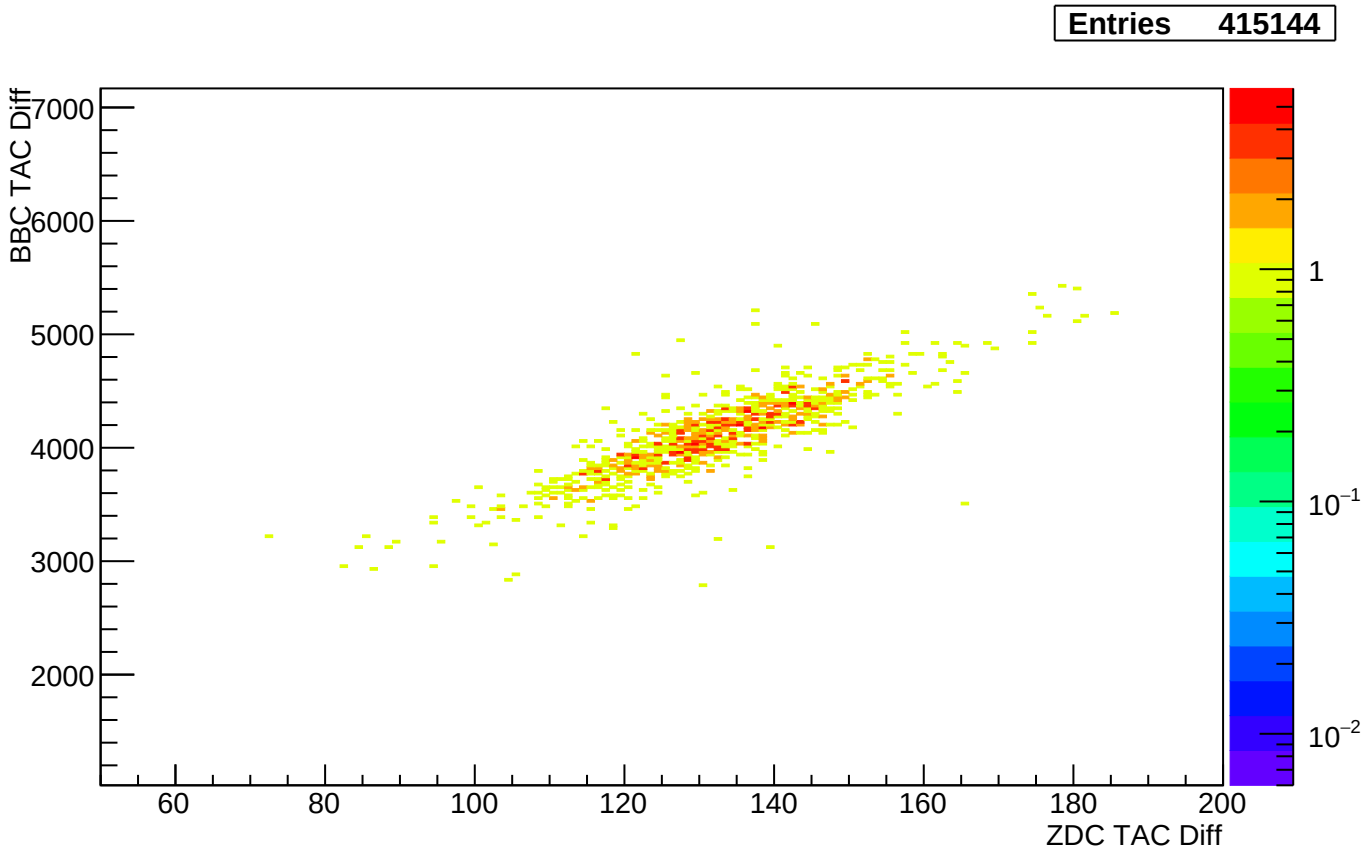

Entries 415144
TOF_Mult
EPD-West Hit Cnt

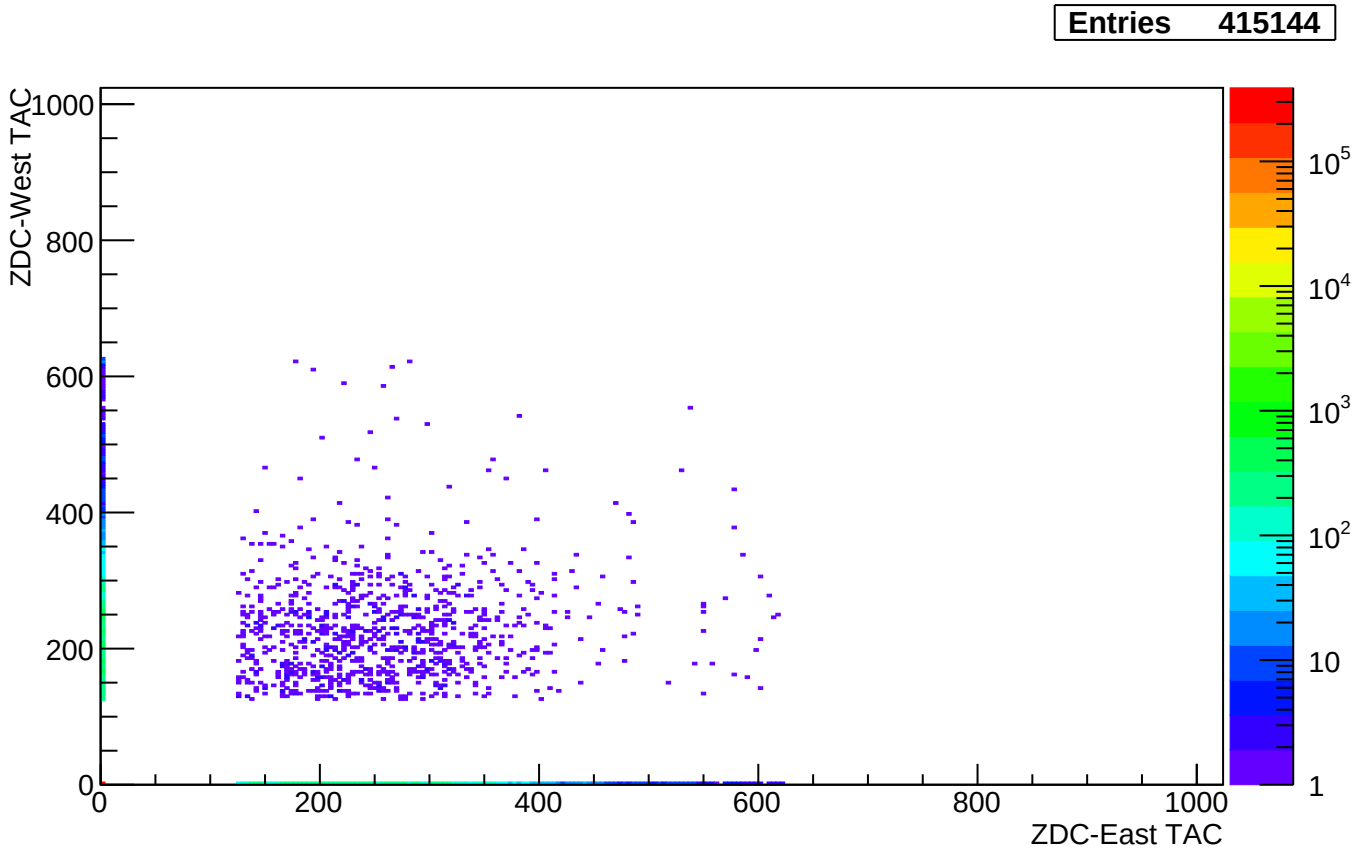

Entries 415144
TOF_Mult
VPD-East ADC Sum

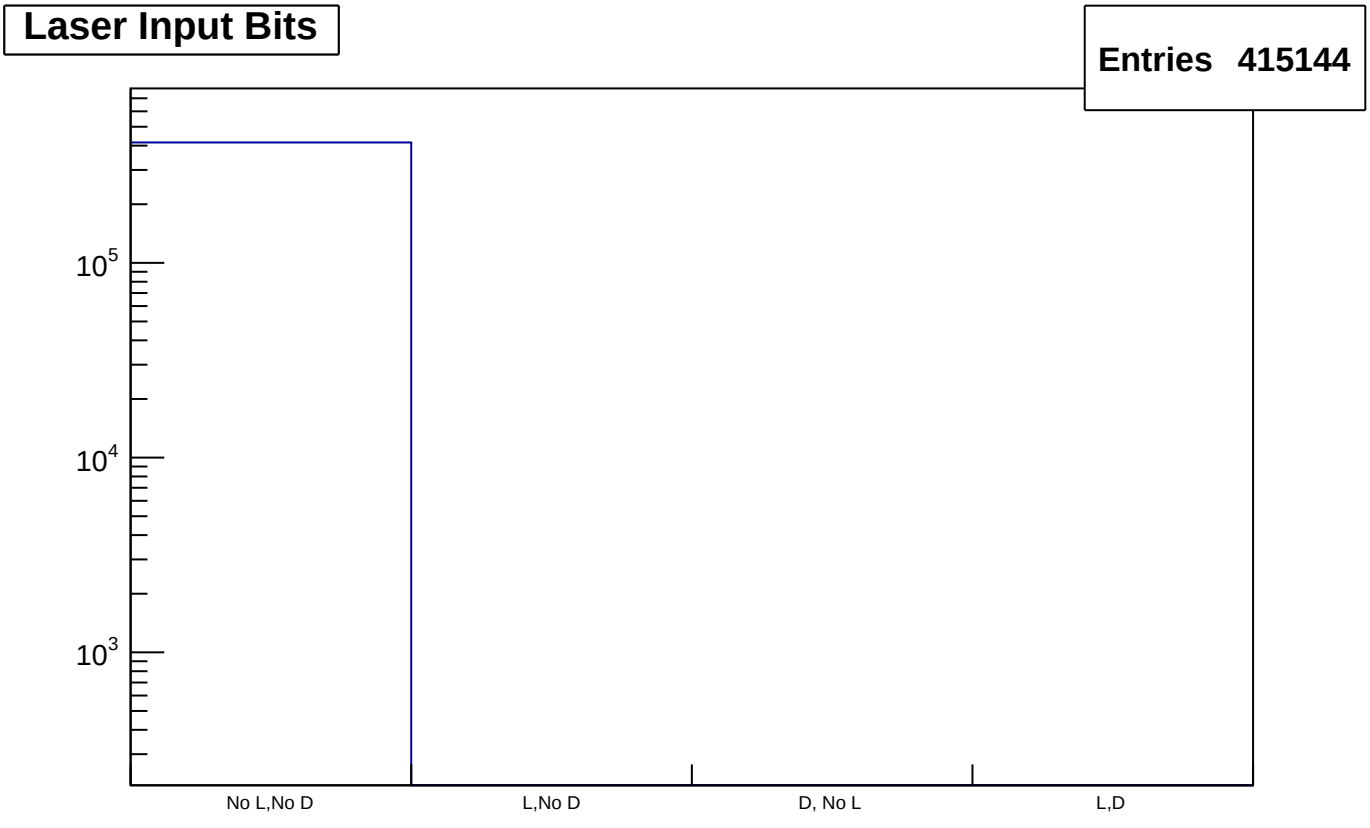

Entries 415144
TOF_Mult
VPD-West ADC Sum

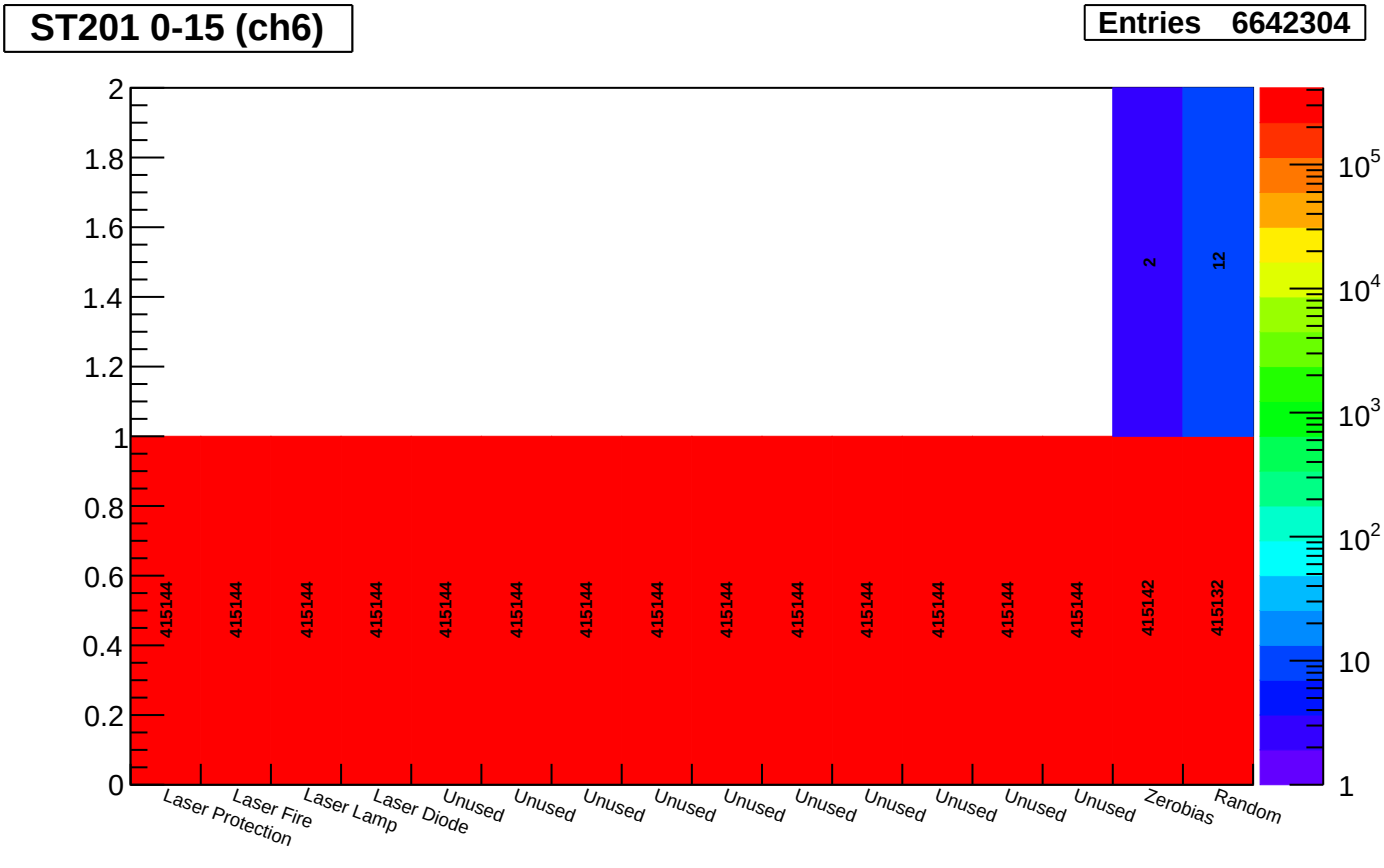

Entries 415144
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
$10^2$
10
1

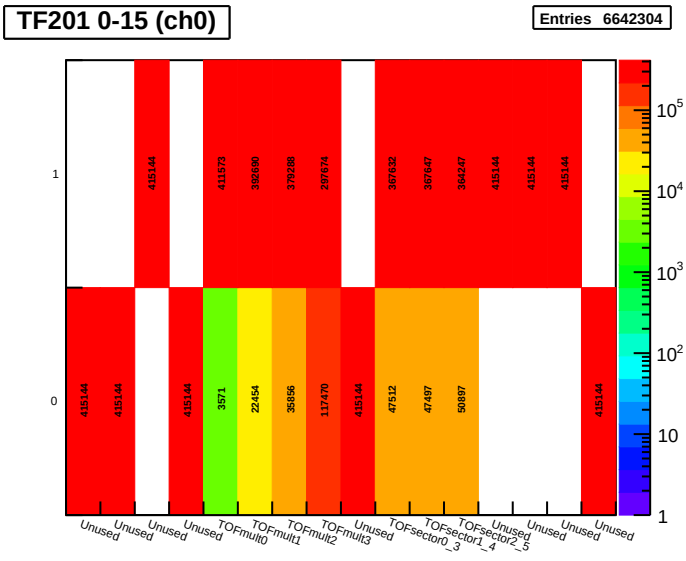

Entries 415144
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
$10^2$
10
1

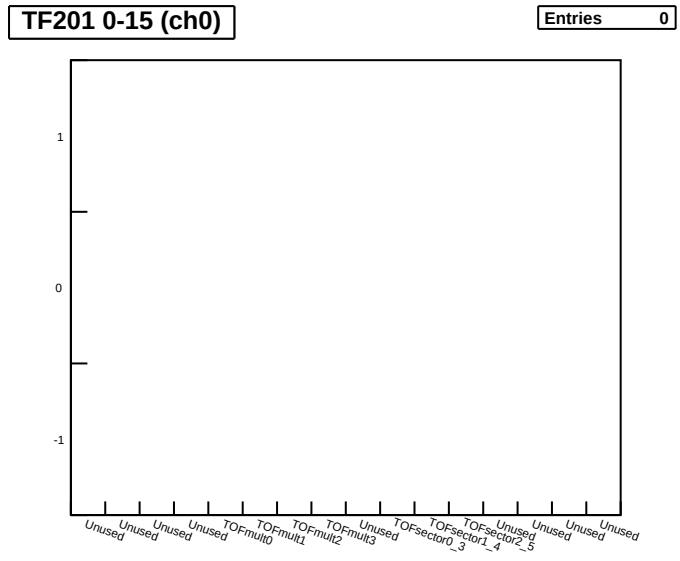

Entries 415144
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
$10^{-1}$
$10^{-2}$

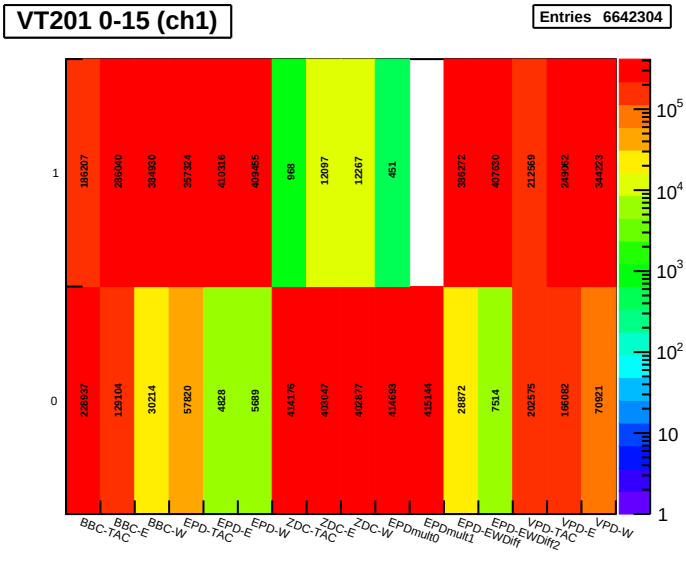

Entries 415144
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

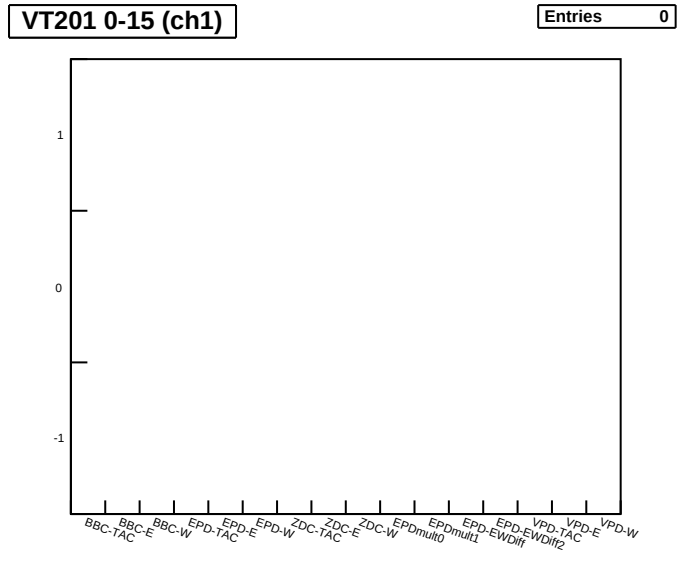

Laser Input Bits
Entries 415144
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

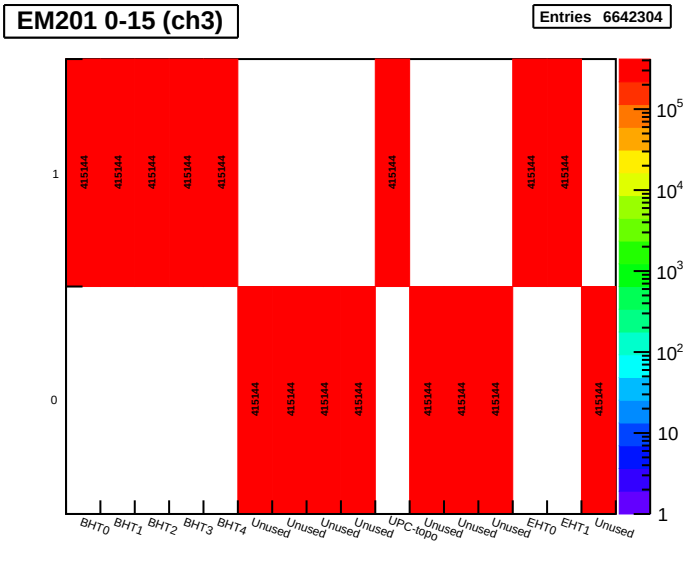

ST201 0-15 (ch6)
Entries 6642304
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
415144
415144
415144
415144
415144
415144
415144
415144
415144
415144
415144
415144
415144
415144
415142
415132
2
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

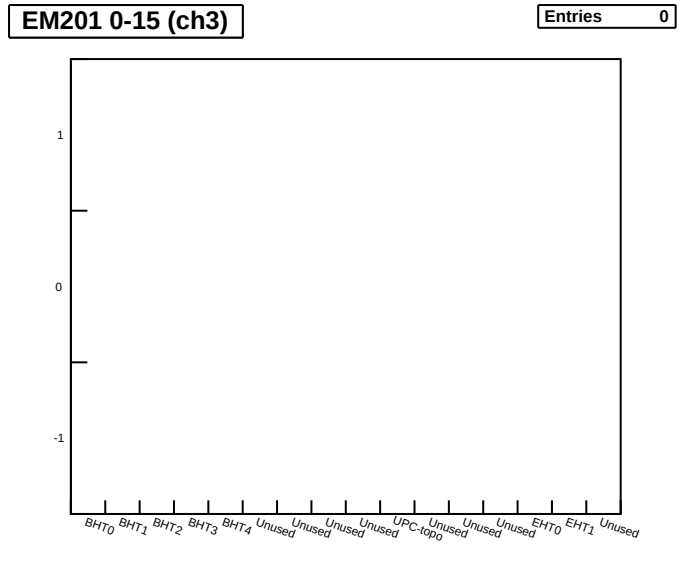

TF201 0-15 (ch0)
Entries 6642304
415144 411573 392690 379288 297674 367632 367647 364247 415144 415144 415144
415144 415144 415144 3571 22454 35856 117470 415144 47512 47497 50897 415144
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 6642304
186207 286040 364930 357324 410316 409455 968 12097 12267 451 386272 407630 212569 249062 344223
228937 129104 30214 57820 4828 5689 414176 403047 402877 414693 415144 28872 7514 202575 166082 70821
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


VT201 0-15 (ch1)
Entries 0
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 6642304
415144 415144 415144 415144 415144 415144 415144 415144
415144 415144 415144 415144 415144 415144 415144 415144
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused