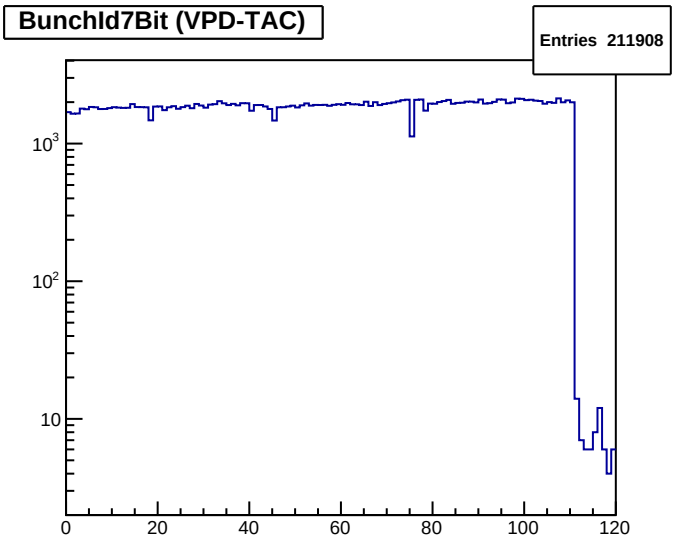
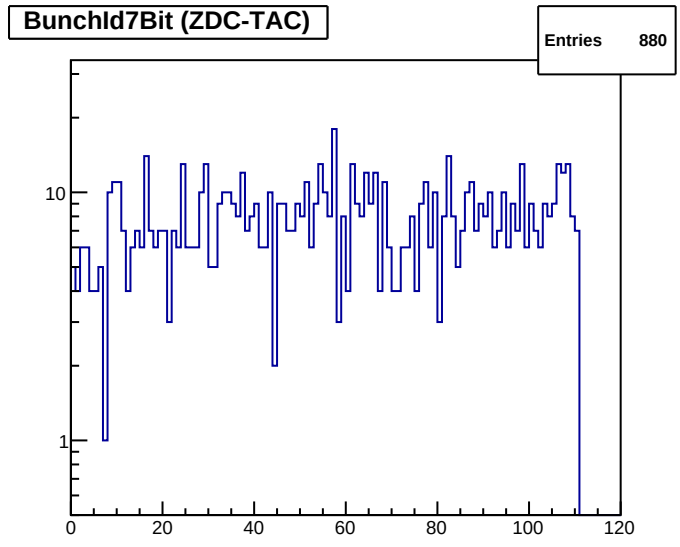
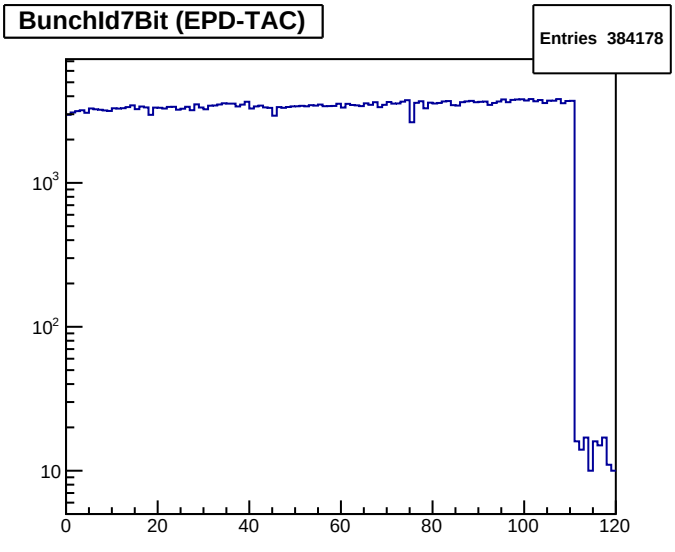
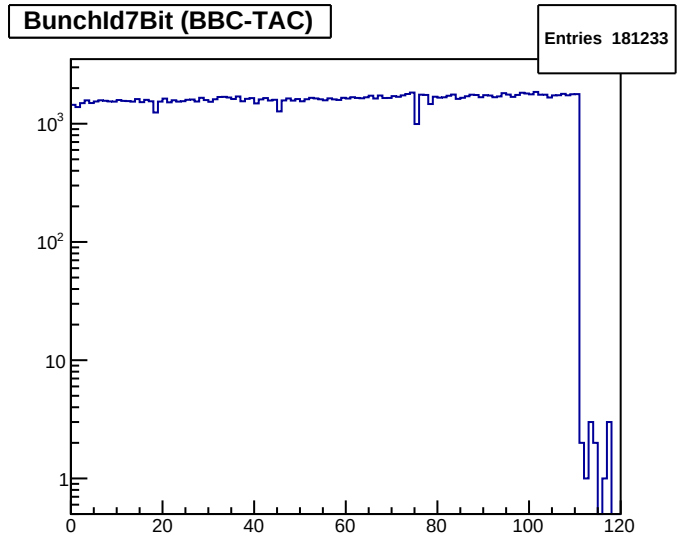
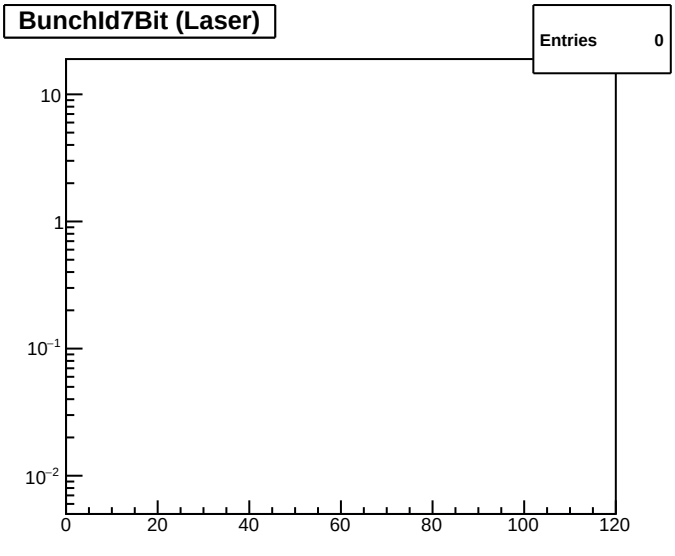
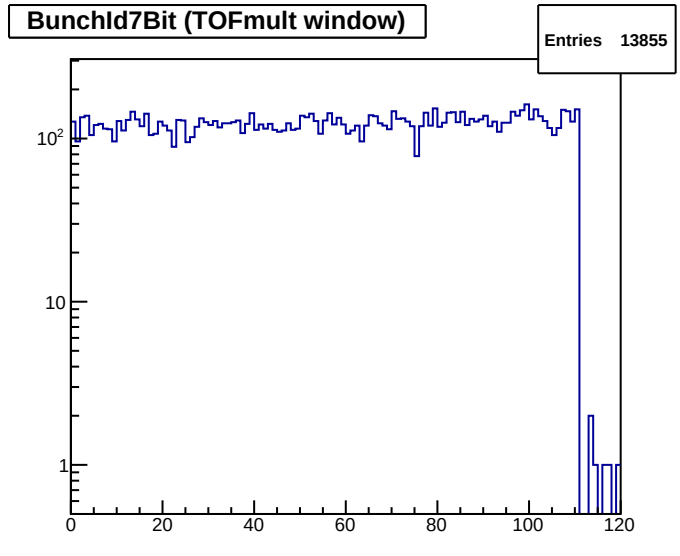

BunchId7Bit (VPD-TAC)
Entries 211908

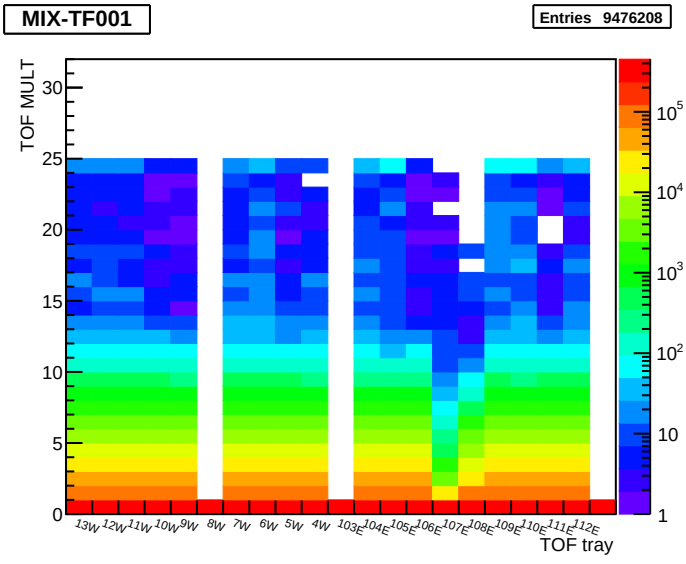

BunchId7Bit (ZDC-TAC)
Entries 880

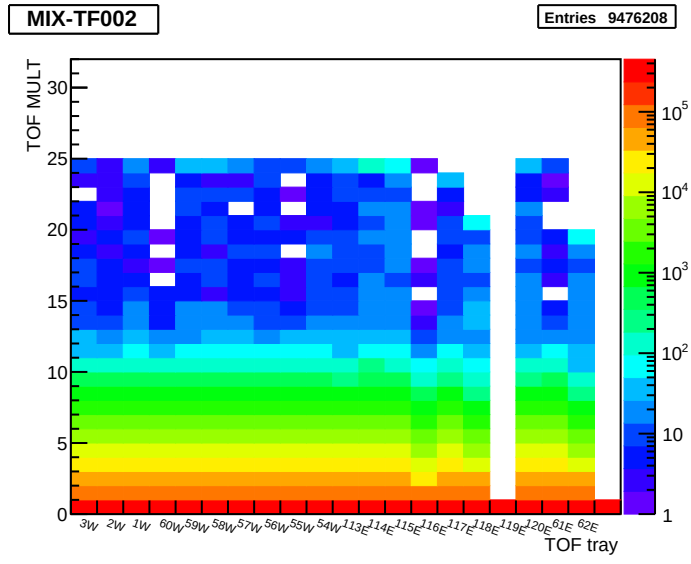

BunchId7Bit (EPD-TAC)
Entries 384178

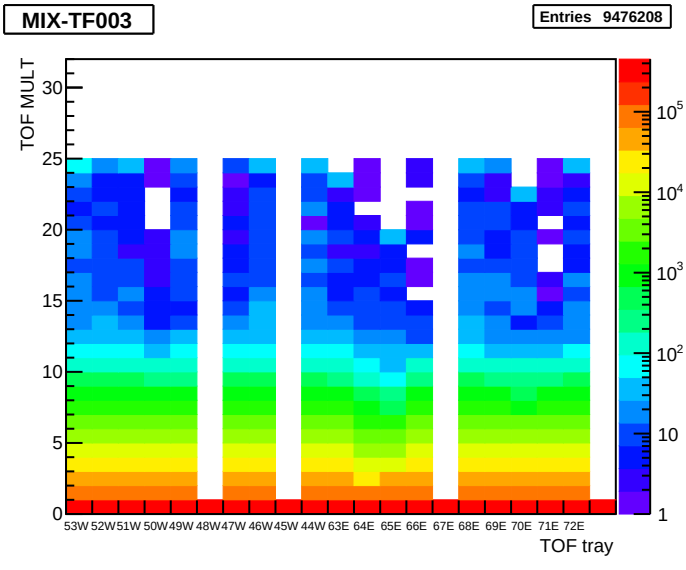

BunchId7Bit (BBC-TAC)
Entries 181233

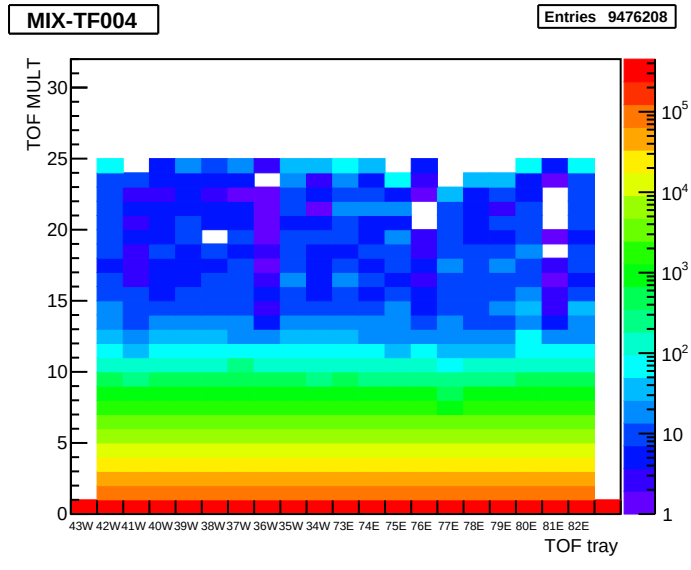

BunchId7Bit (Laser)
Entries 0

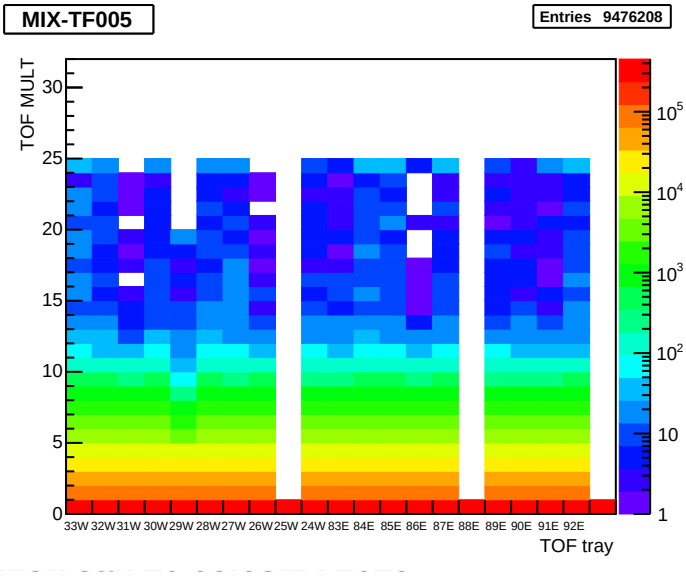

BunchId7Bit (TOFmult window)
Entries 13855

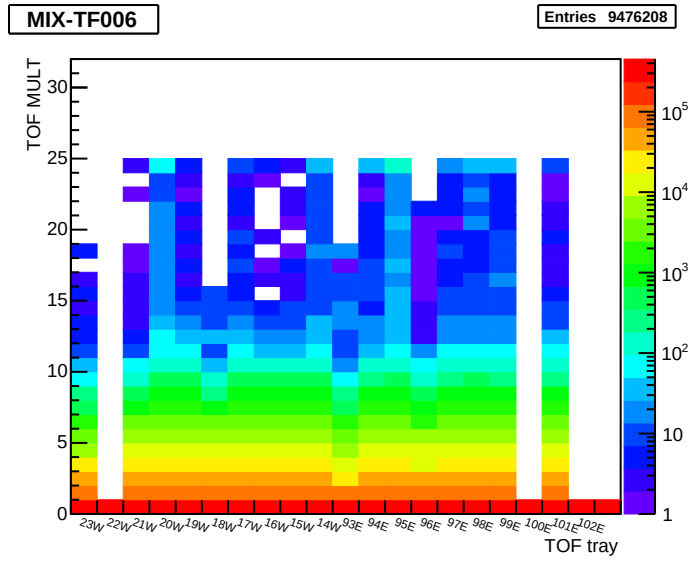

MIX-TF001
Entries 9476208
TOF MULT
TOF tray

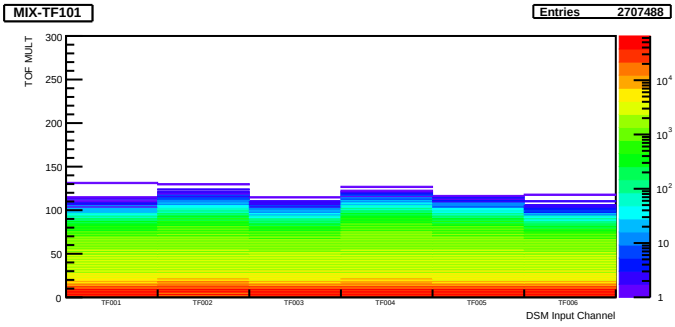

MIX-TF002
Entries 9476208
TOF MULT
TOF tray

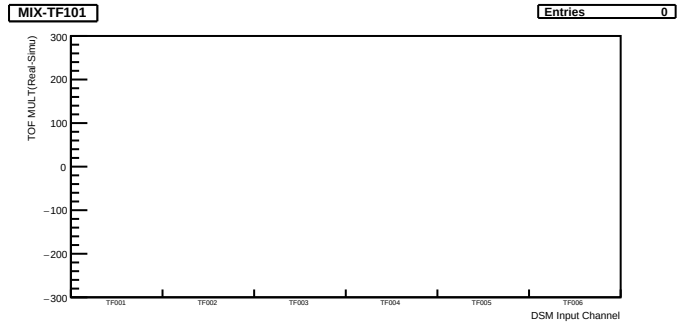

MIX-TF003
Entries 9476208
TOF MULT
TOF tray

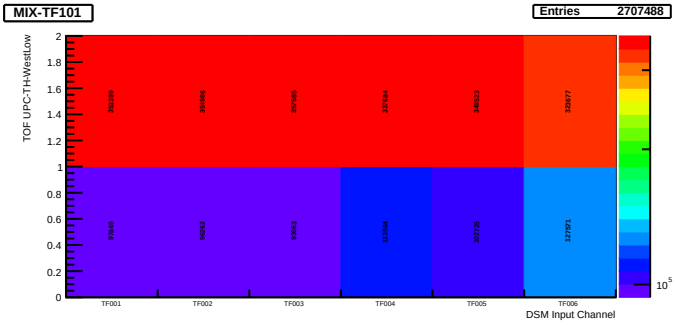

MIX-TF004
Entries 9476208
TOF MULT
TOF tray

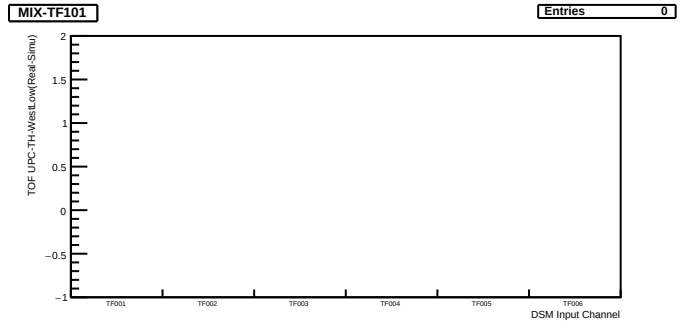

MIX-TF005
Entries 9476208
TOF MULT
TOF tray

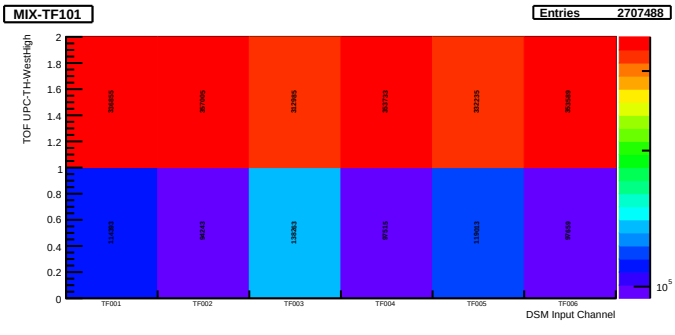

MIX-TF006
Entries 9476208
TOF MULT
TOF tray

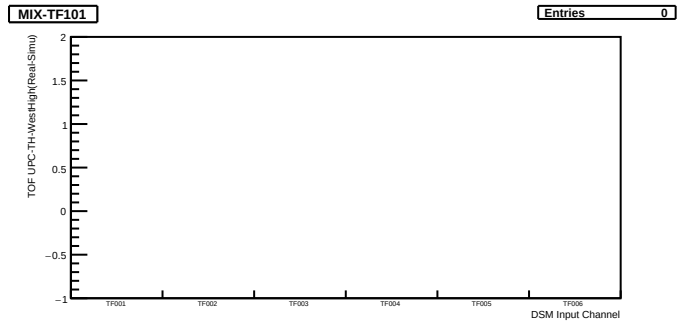

MIX-TF101
Entries 2707488
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

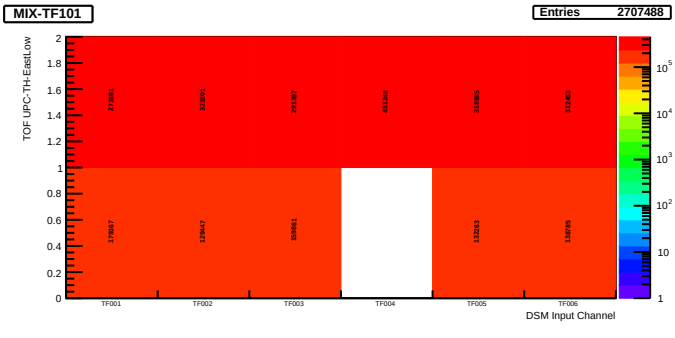

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

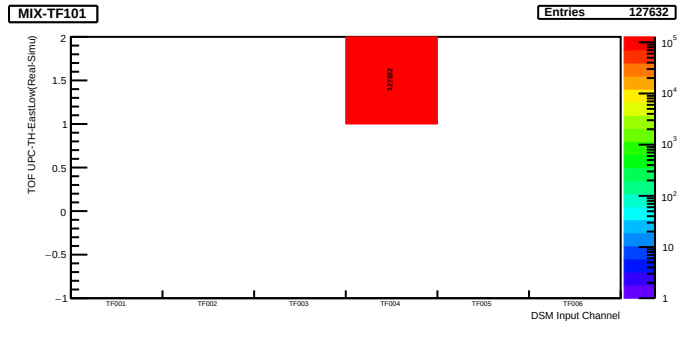

MIX-TF101
Entries 2707488
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

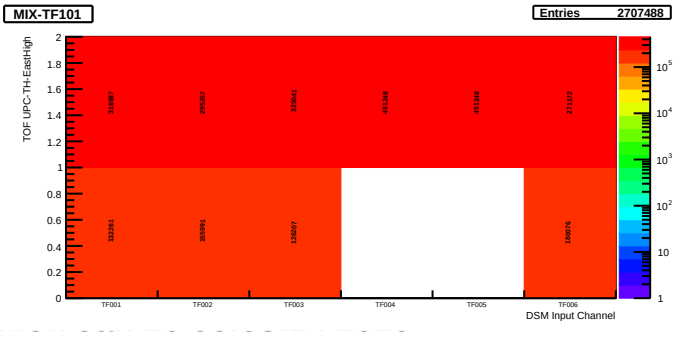

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

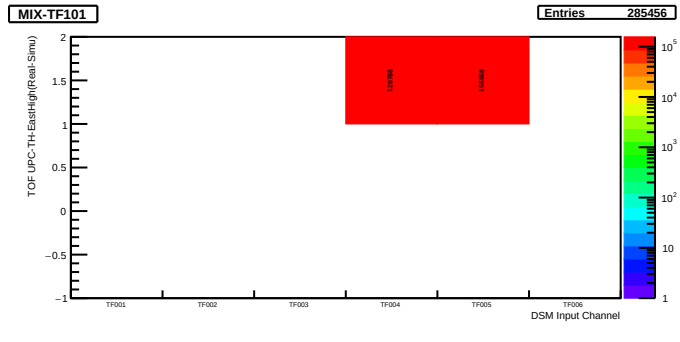

MIX-TF101
Entries 2707488
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

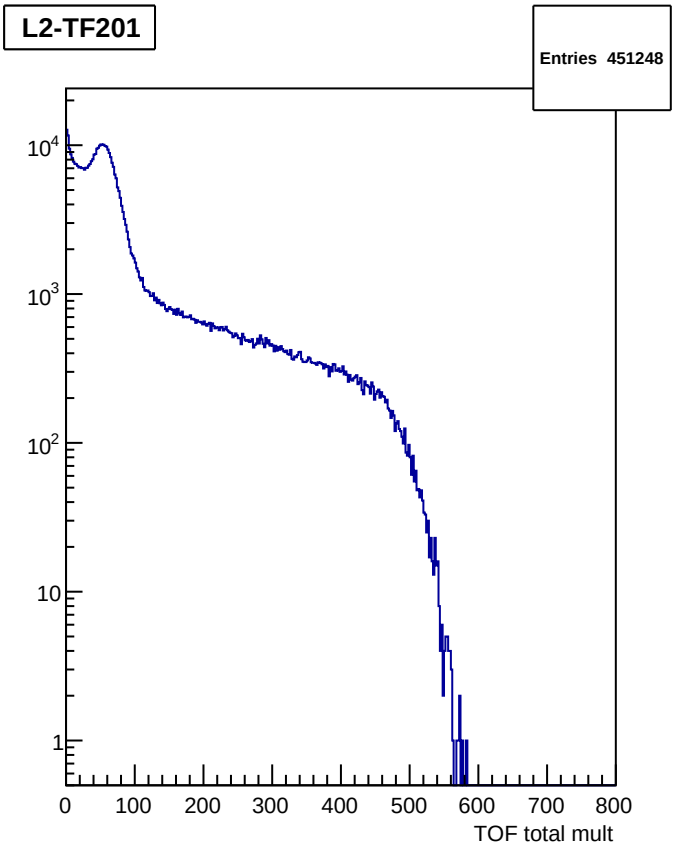

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

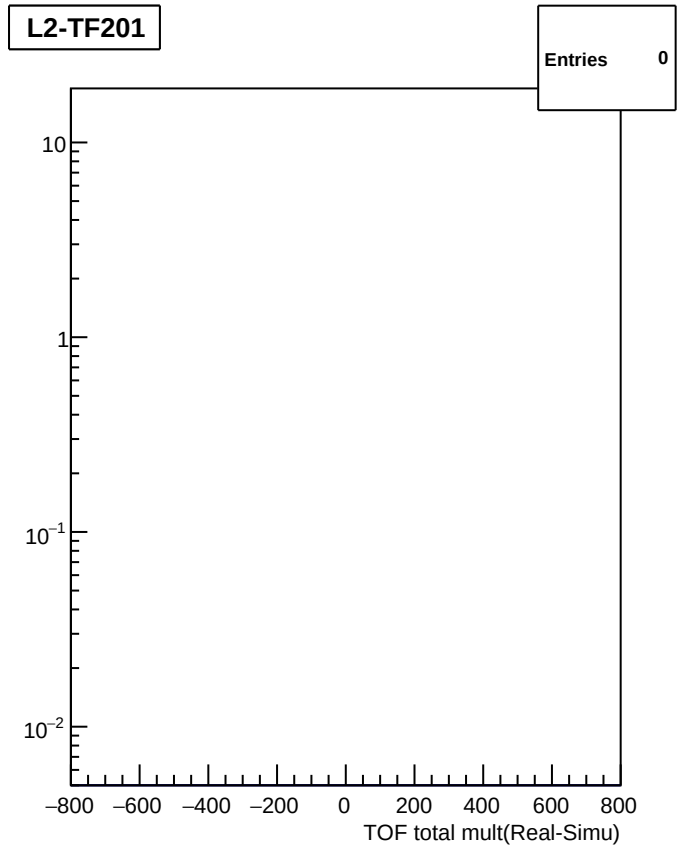

MIX-TF101
Entries 2707488
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

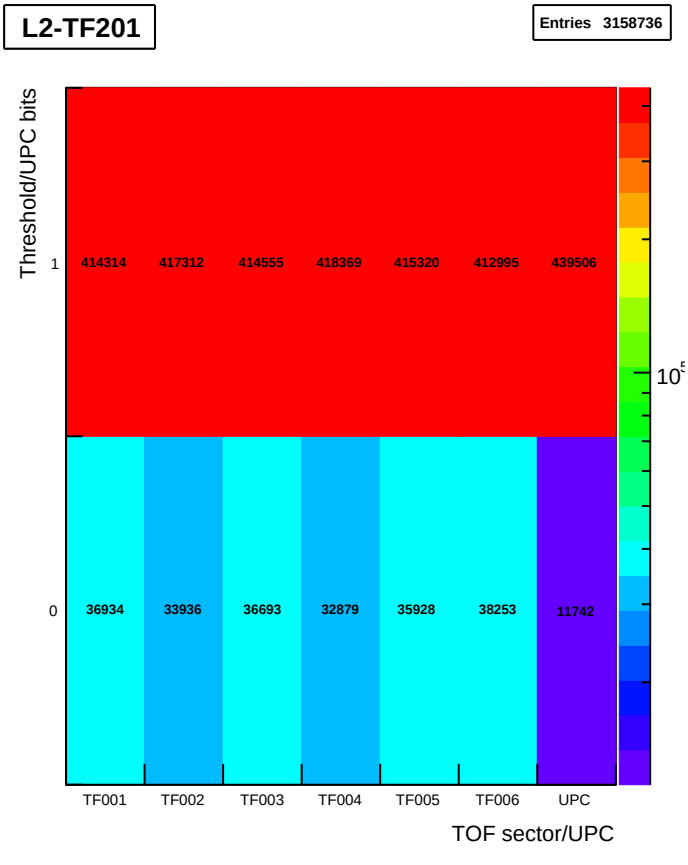

MIX-TF101
Entries 127632
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

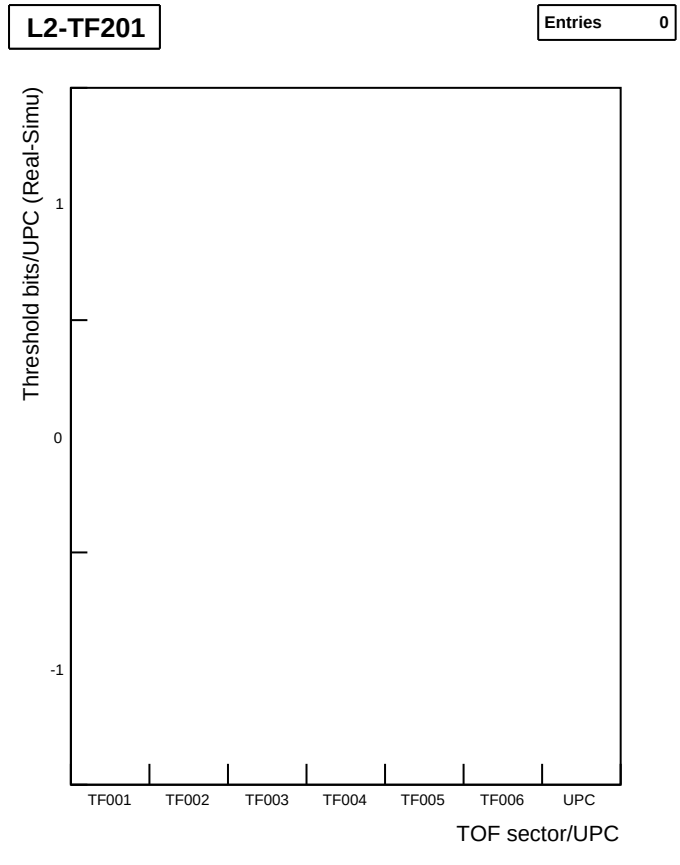

MIX-TF101
Entries 2707488
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

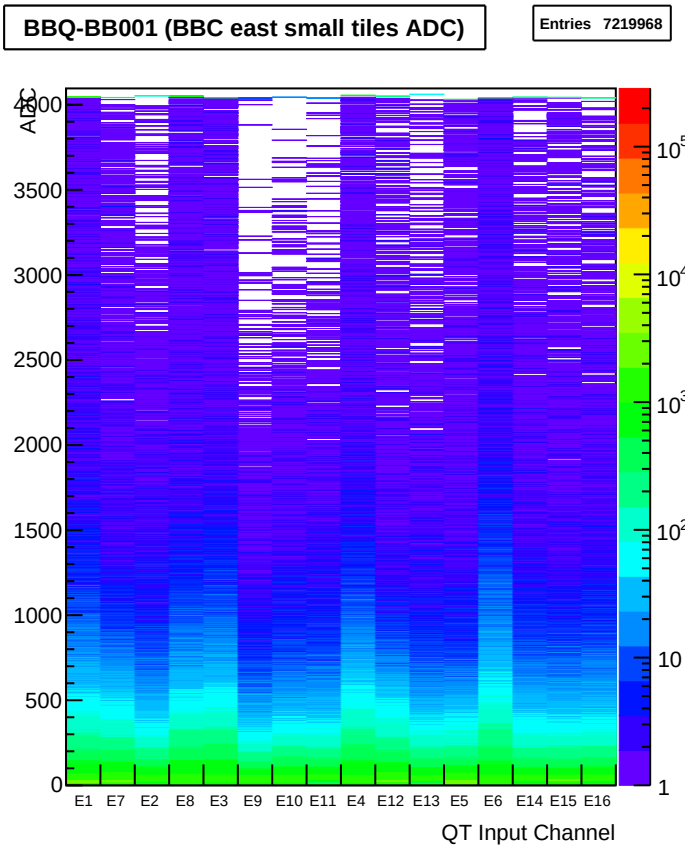

MIX-TF101
Entries 285456
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

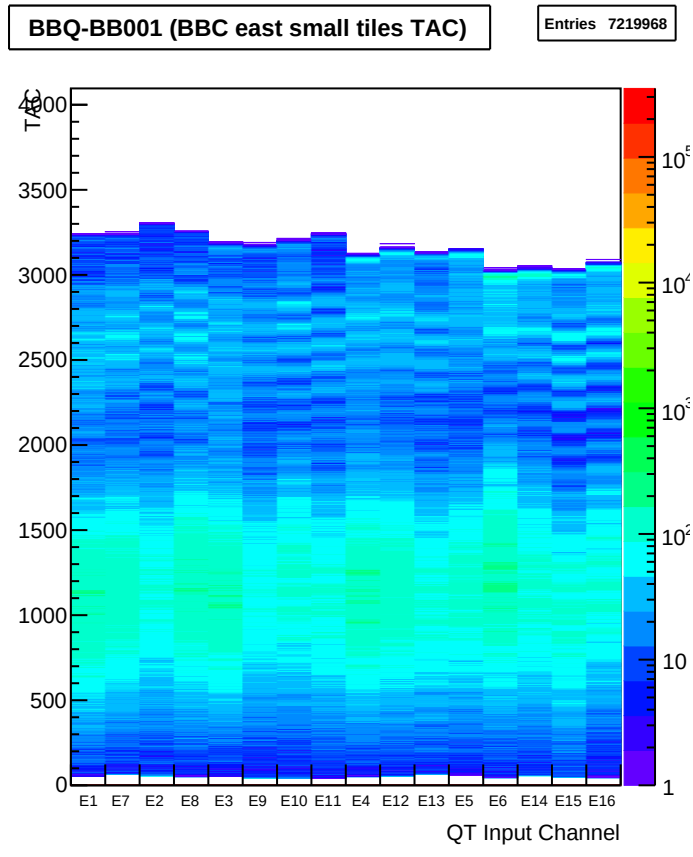

L2-TF201
Entries 451248
TOF total mult

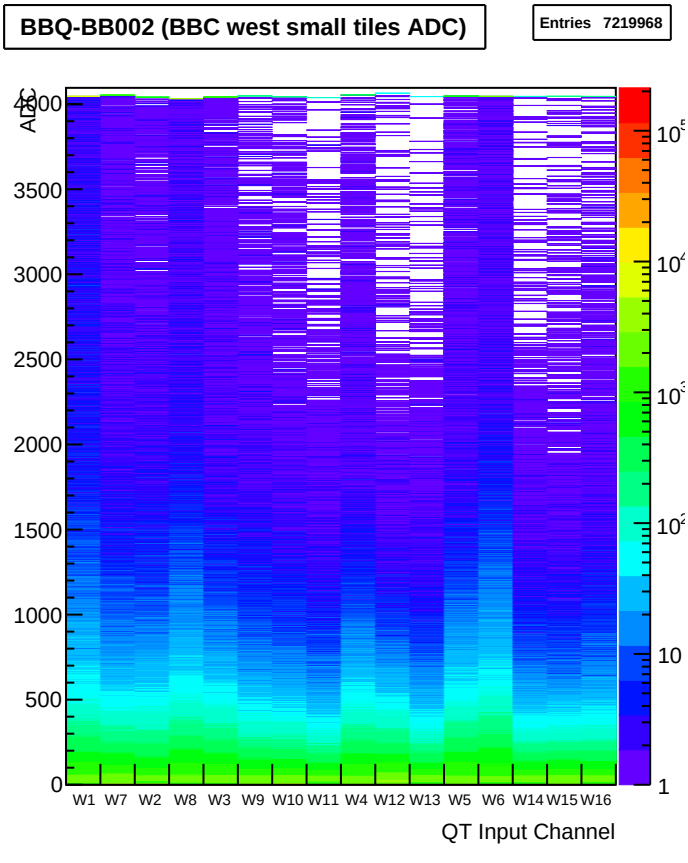

L2-TF201
Entries 0
TOF total mult(Real-Simu)

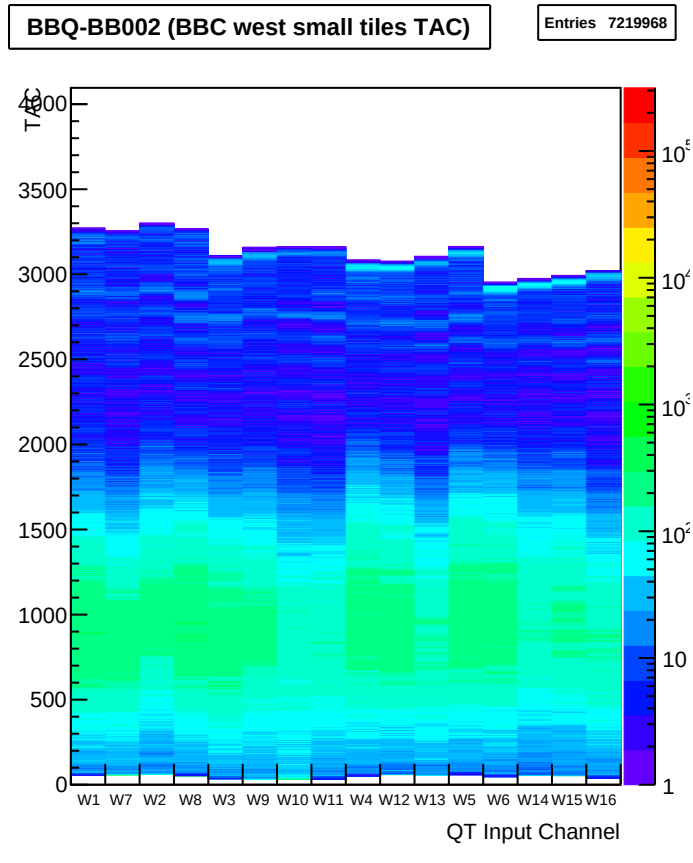

L2-TF201
Entries 3158736
Threshold/UPC bits
414314
417312
414555
418369
415320
412995
439506
36934
33936
36693
32879
35928
38253
11742
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

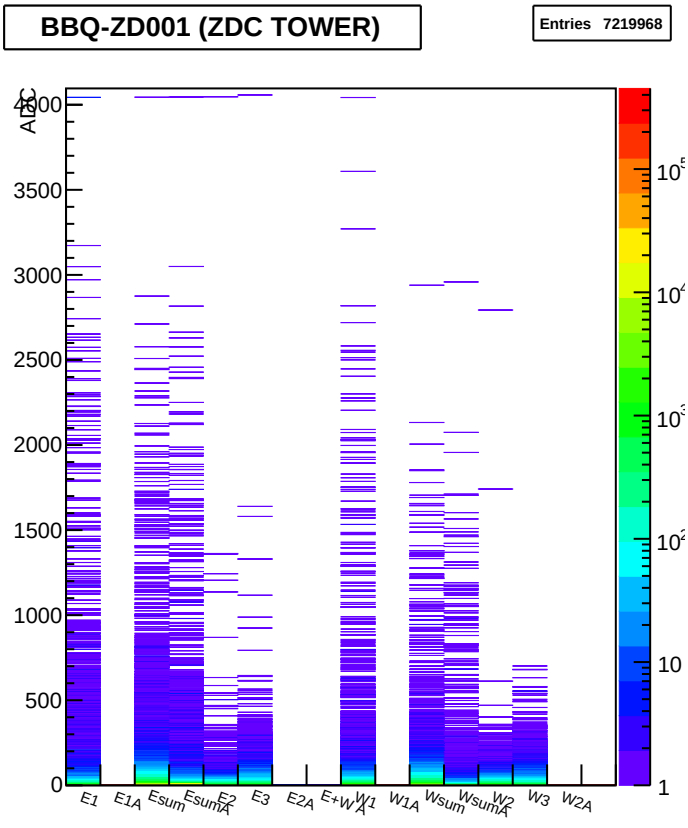

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

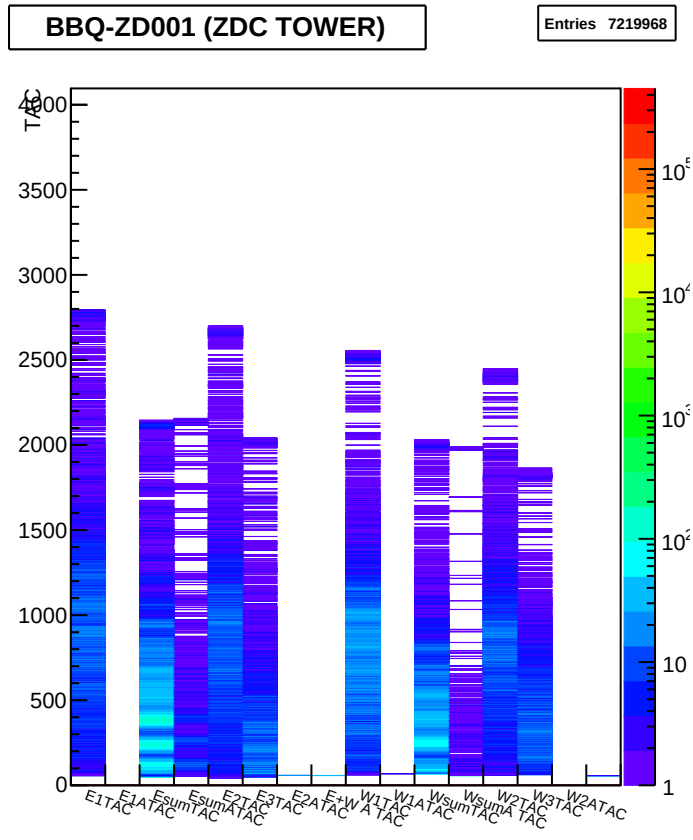

BBQ-BB001 (BBC east small tiles ADC)
Entries 7219968
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

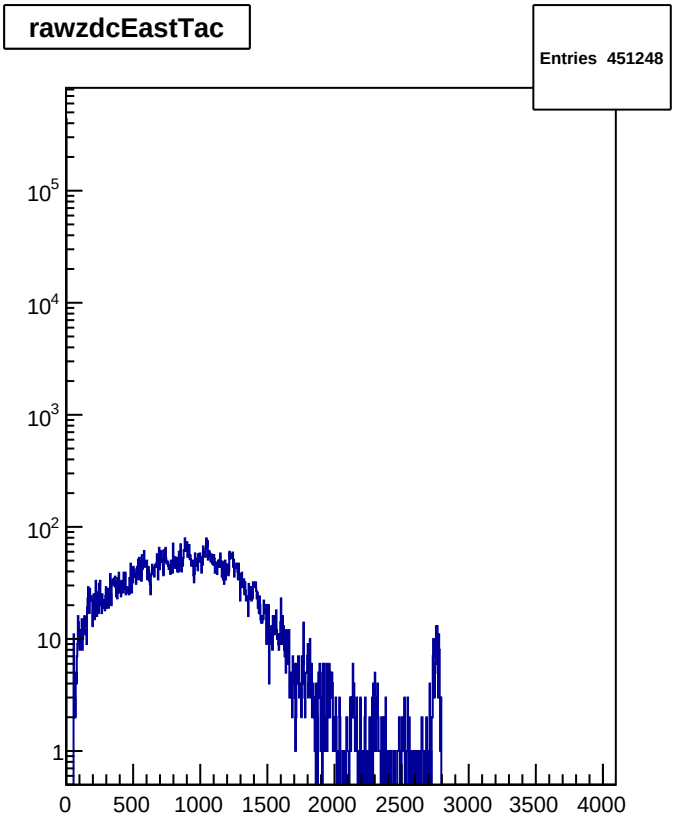

BBQ-BB001 (BBC east small tiles TAC)
Entries 7219968
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

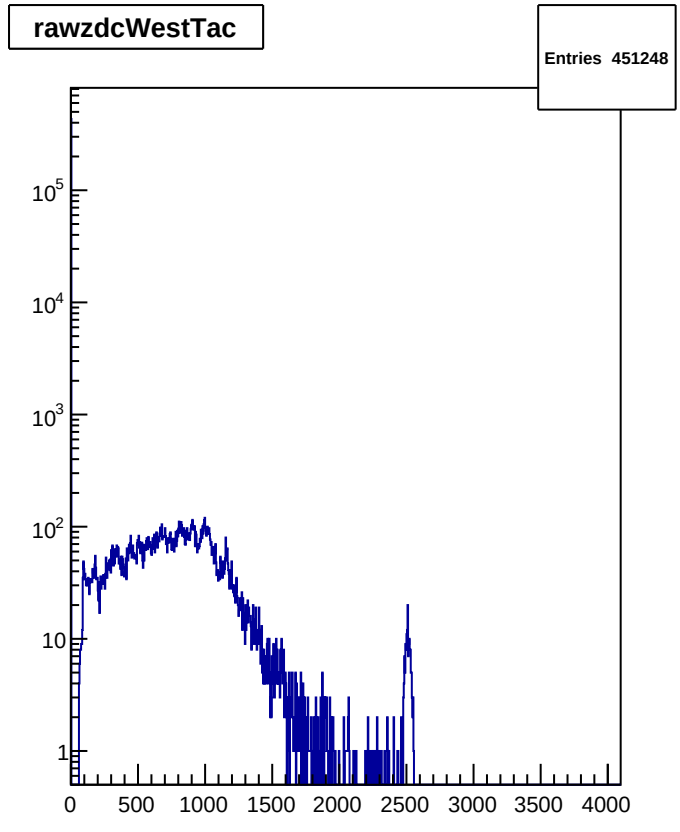

BBQ-BB002 (BBC west small tiles ADC)
Entries 7219968
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

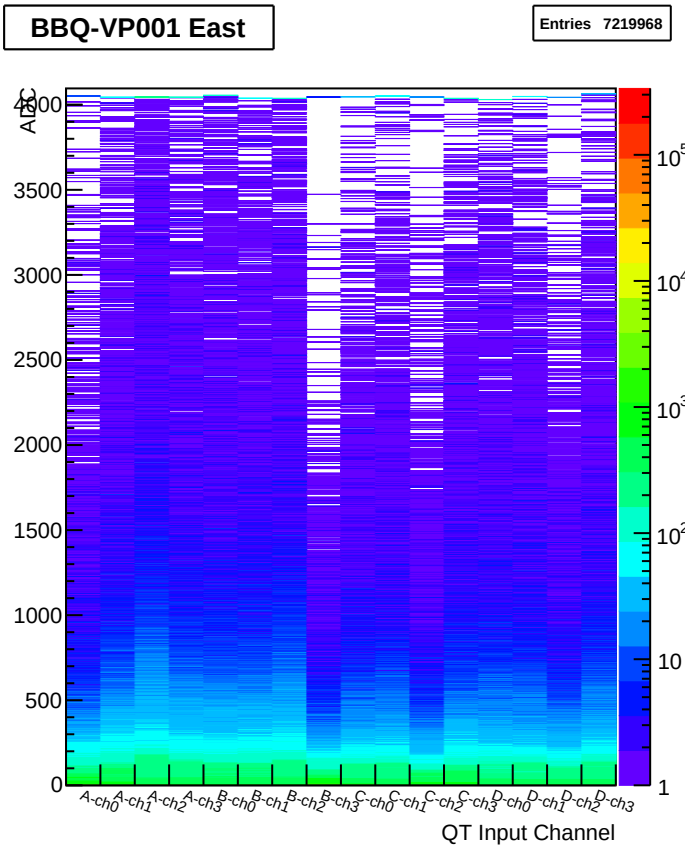

BBQ-BB002 (BBC west small tiles TAC)
Entries 7219968
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

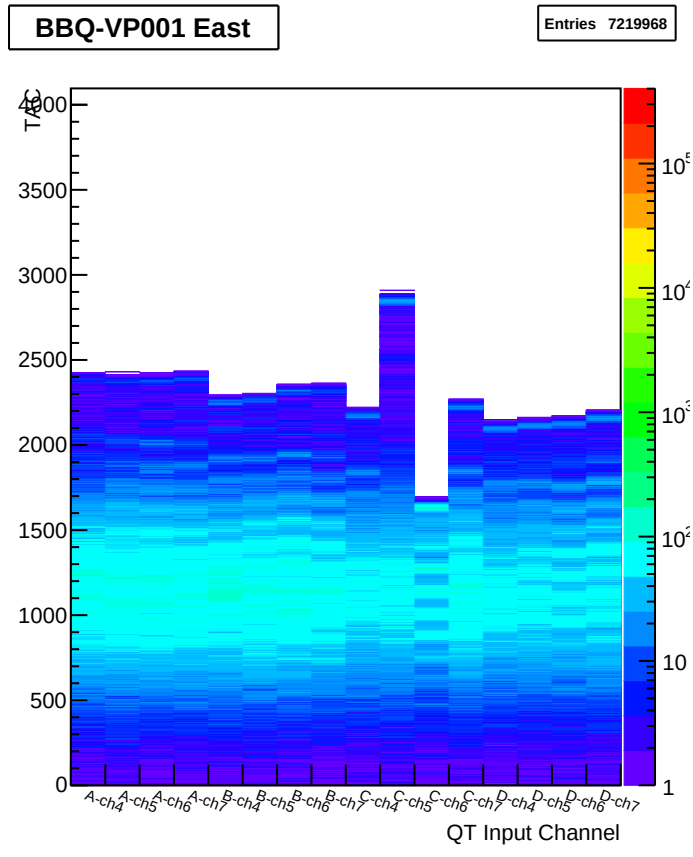

BBQ-ZD001 (ZDC TOWER)
Entries 7219968
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

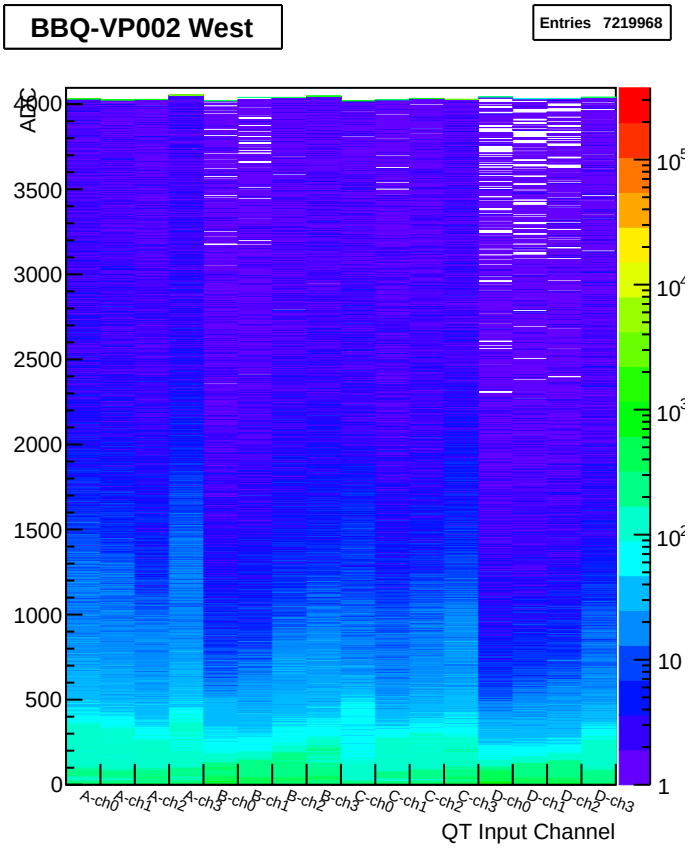

BBQ-ZD001 (ZDC TOWER)
Entries 7219968
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

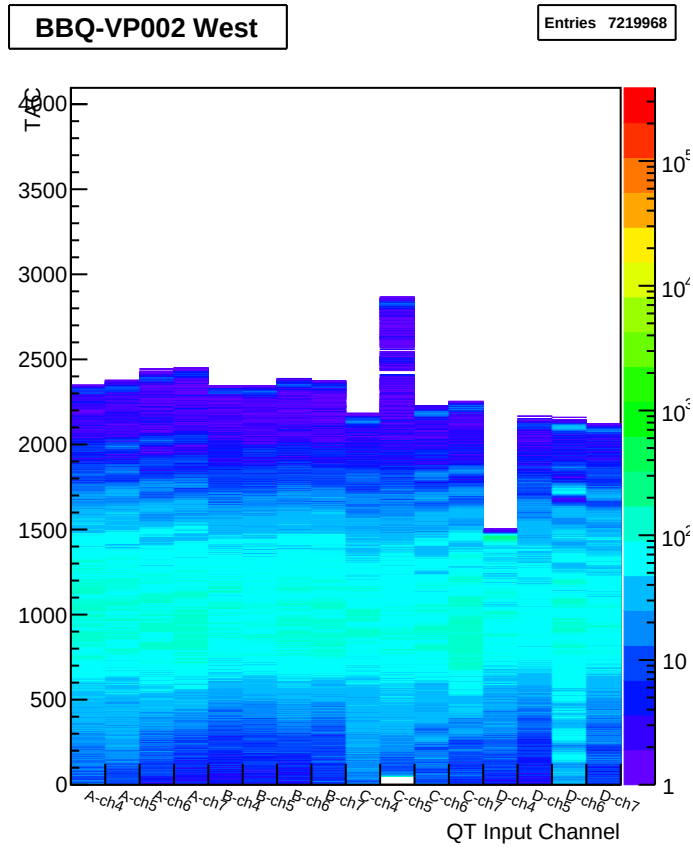

rawzdcEastTac
Entries 451248

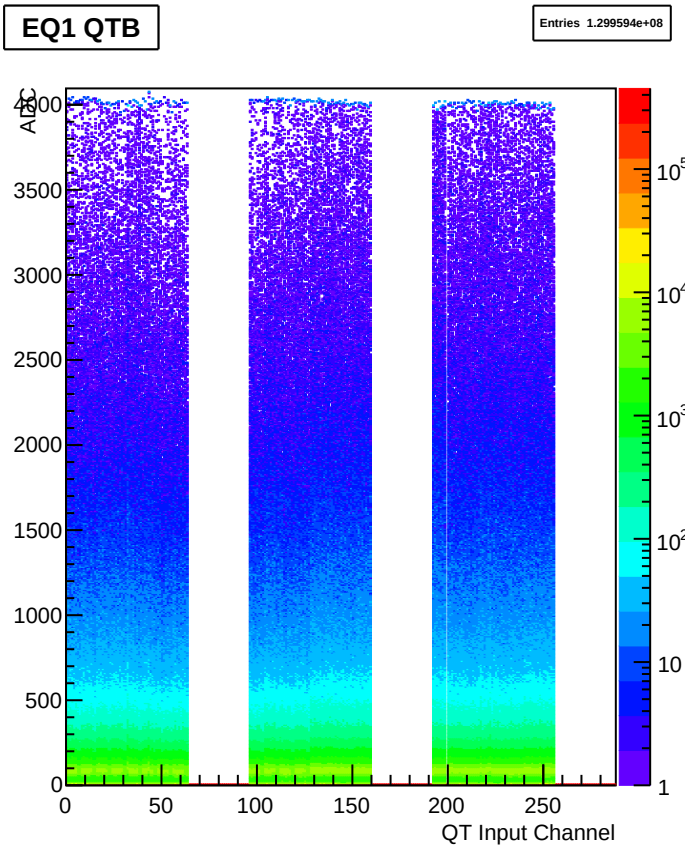

rawzdcWestTac
Entries 451248

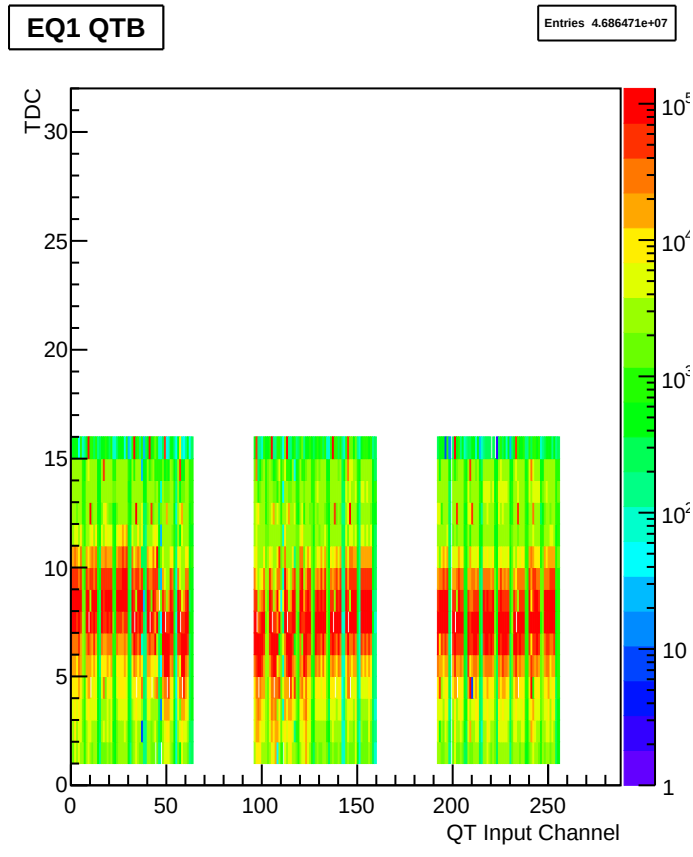

BBQ-VP001 East
Entries 7219968
ADC
QT Input Channel

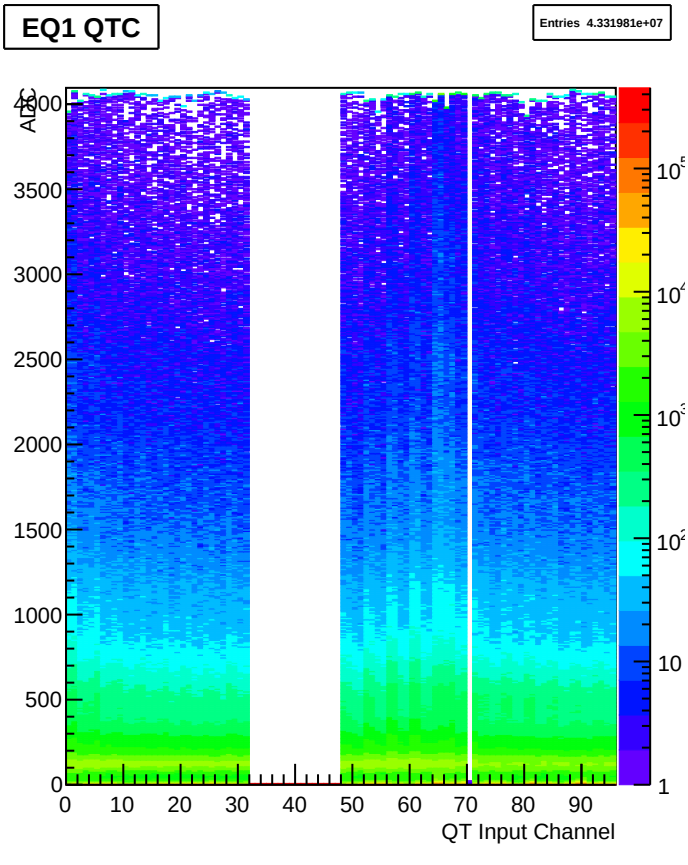

BBQ-VP001 East
Entries 7219968
TADC
QT Input Channel

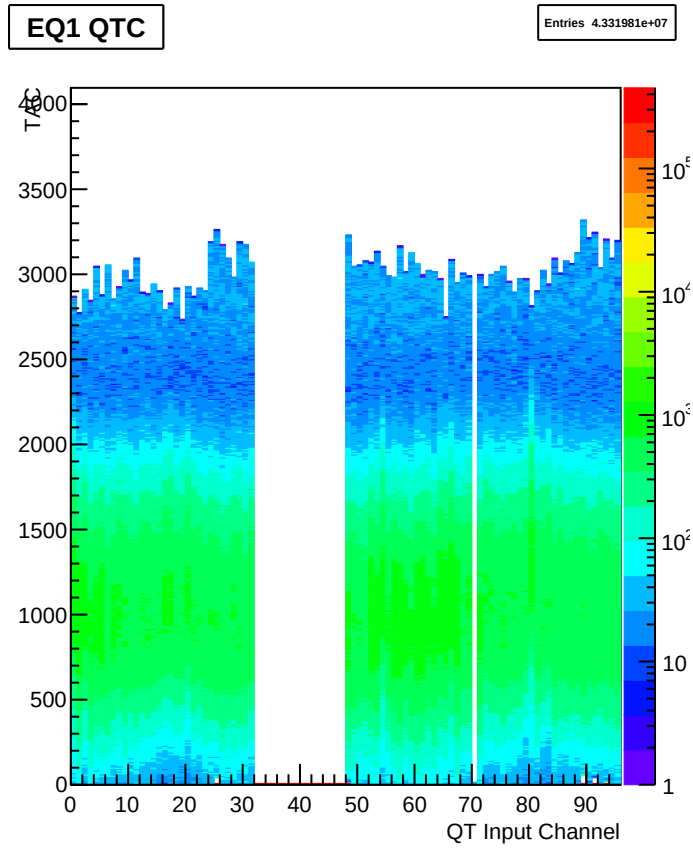

BBQ-VP002 West
Entries 7219968
ADC
QT Input Channel

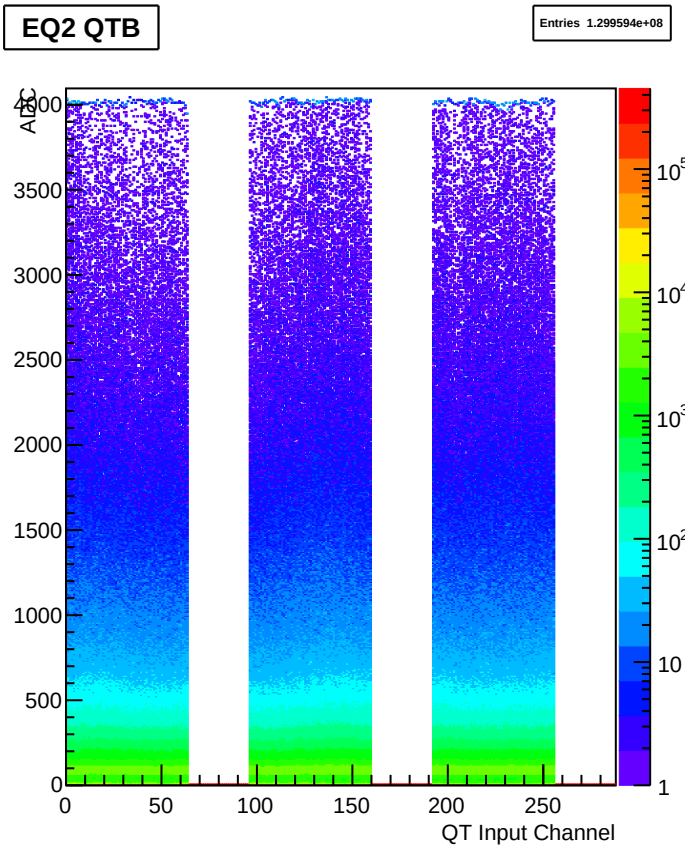

BBQ-VP002 West
Entries 7219968
TADC
QT Input Channel

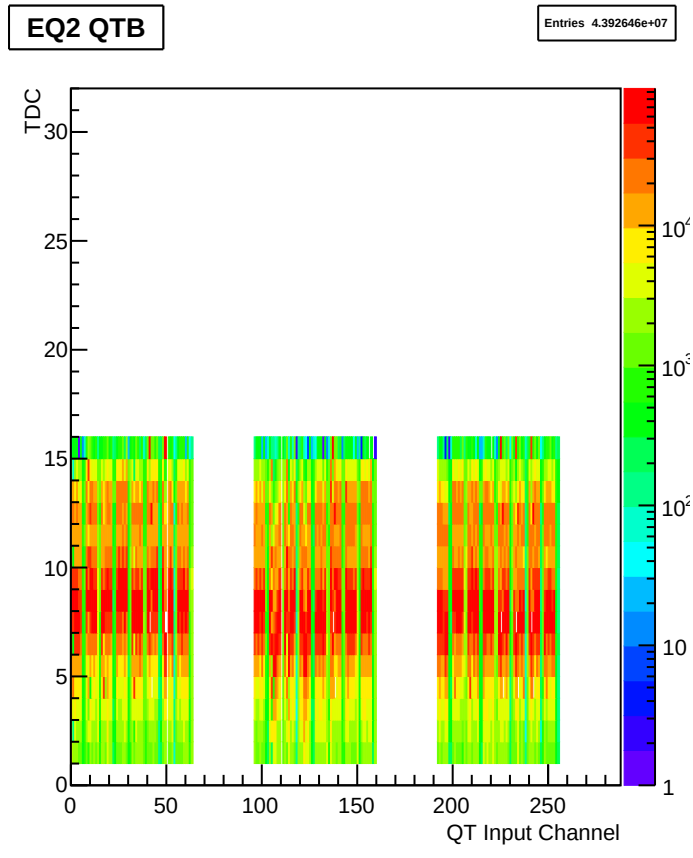

EQ1 QTB
Entries 1.299594e+08
ADC
QT Input Channel

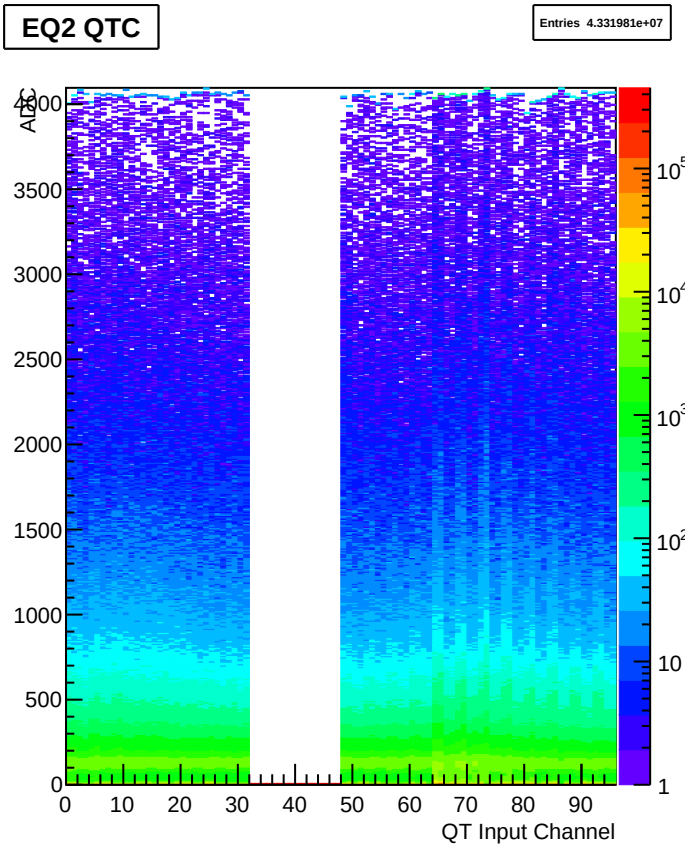

EQ1 QTB
Entries 4.686471e+07
TDC
QT Input Channel

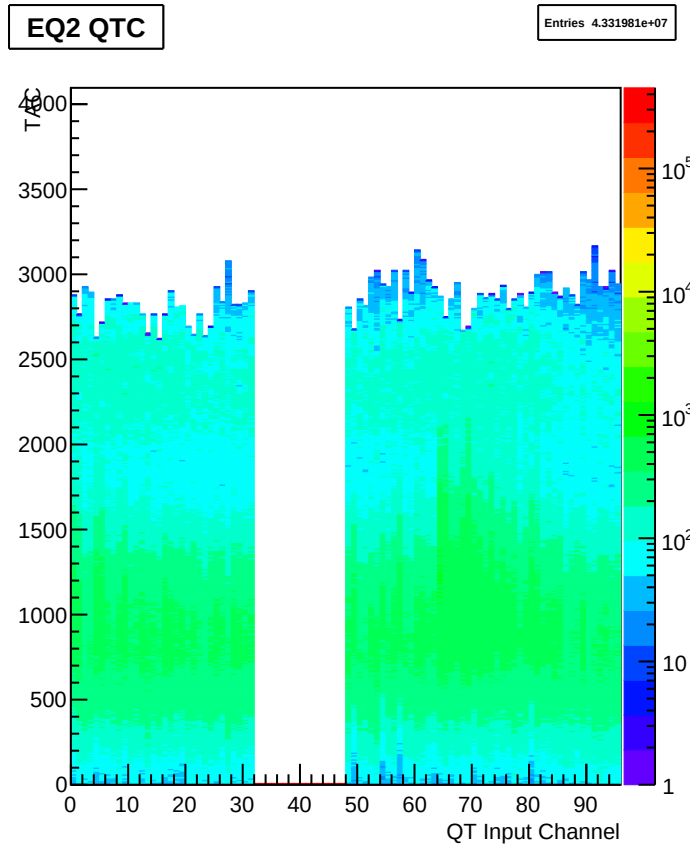

EQ1 QTC
Entries 4.331981e+07
ADC
QT Input Channel

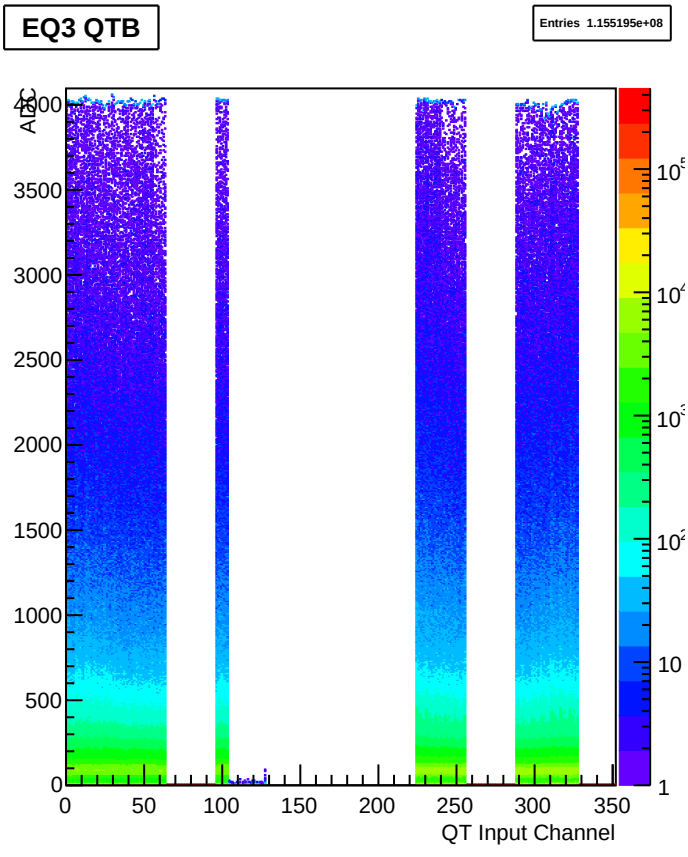

EQ1 QTC
Entries 4.331981e+07
TADC
QT Input Channel

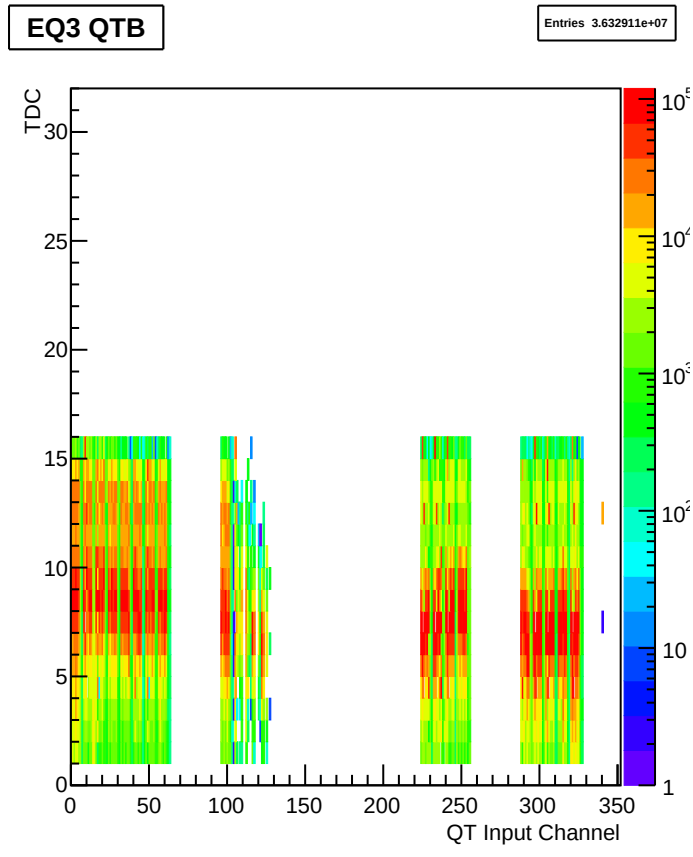

EQ2 QTB
Entries 1.299594e+08
ADC
QT Input Channel

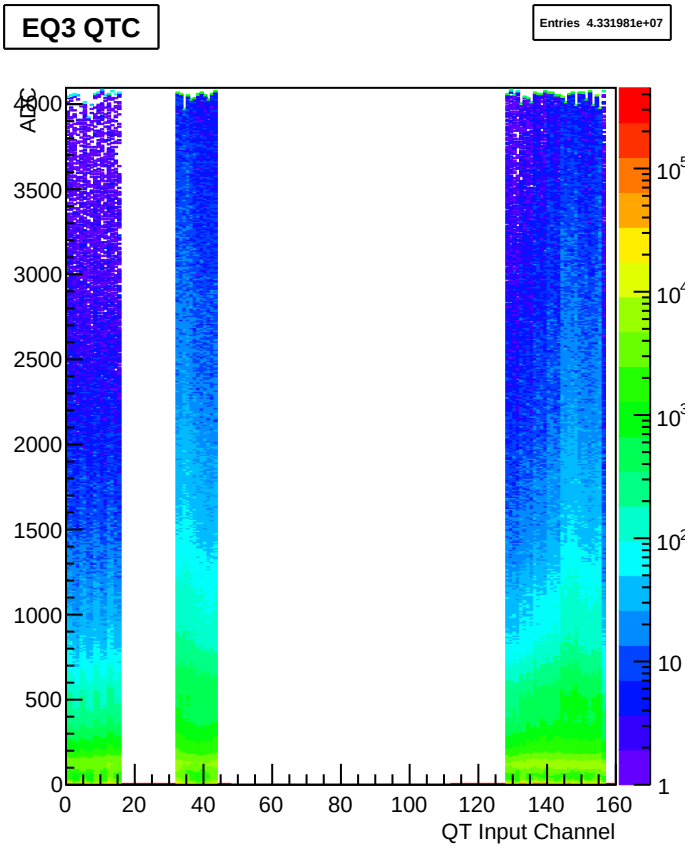

EQ2 QTB
Entries 4.392646e+07
TDC
QT Input Channel

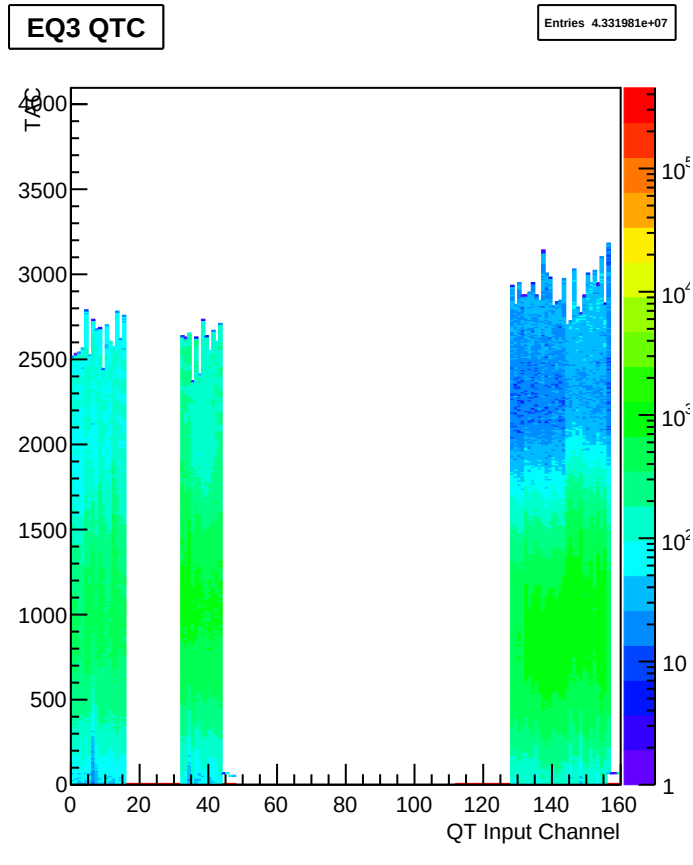

EQ2 QTC
Entries 4.331981e+07
ADC
QT Input Channel

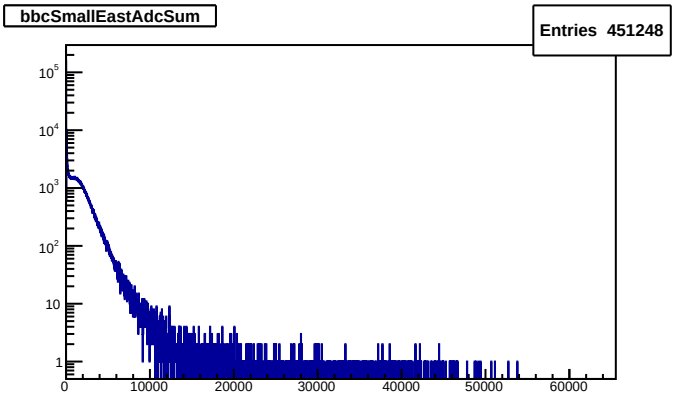

EQ2 QTC
Entries 4.331981e+07
TADC
QT Input Channel

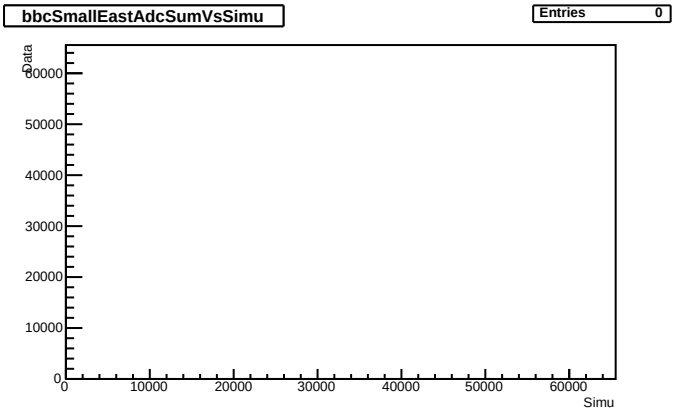

EQ3 QTB
Entries 1.155195e+08
ADC
QT Input Channel

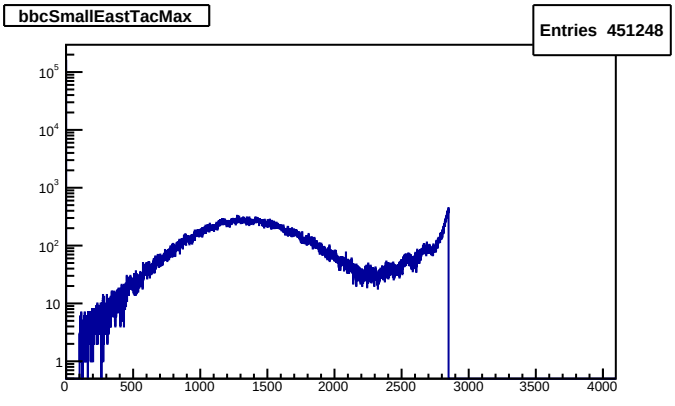

EQ3 QTB
Entries 3.632911e+07
TDC
QT Input Channel

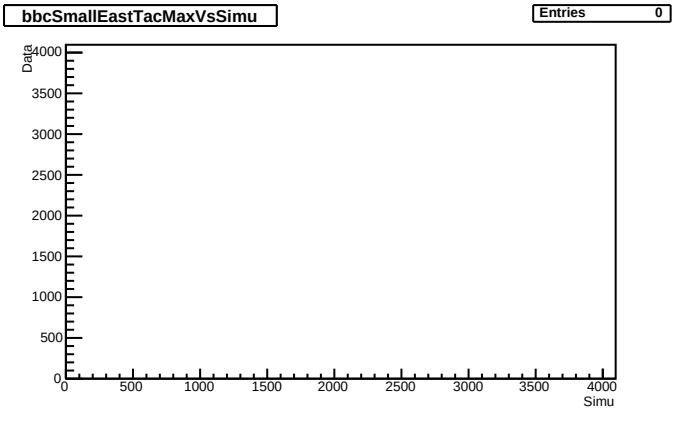

EQ3 QTC
Entries 4.331981e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.331981e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 451248


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 451248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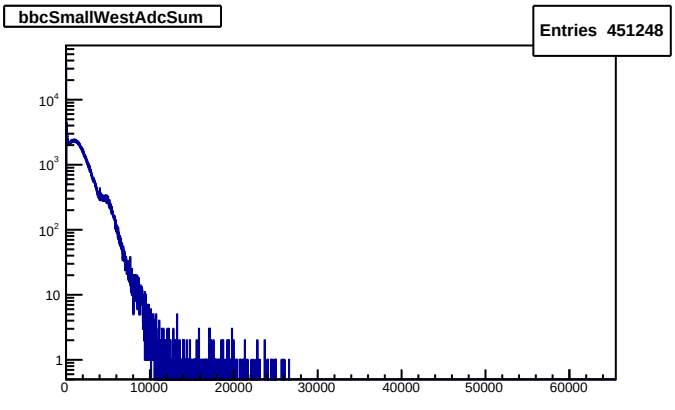
Simu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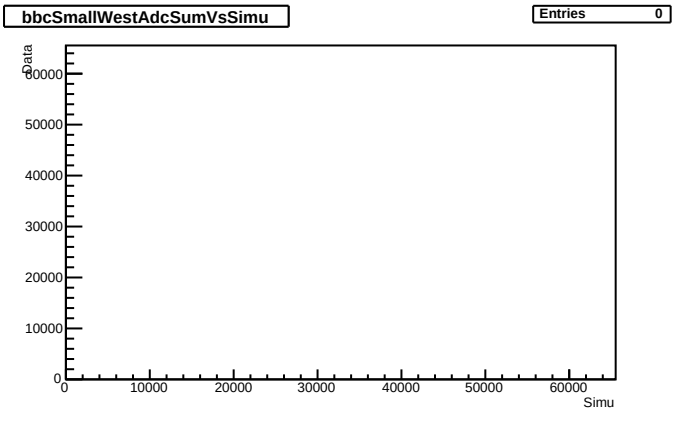
Entries 451248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Entries 0
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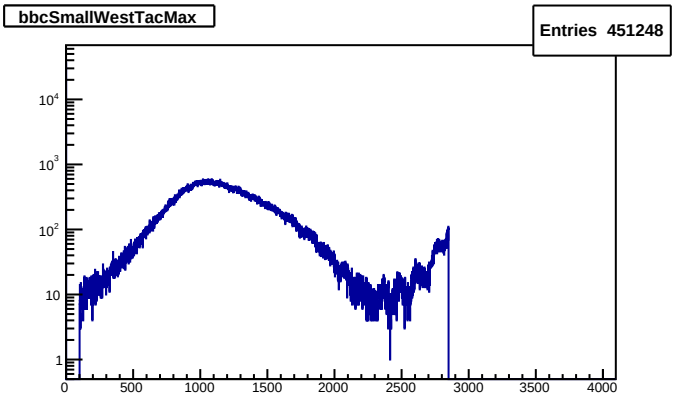
Simu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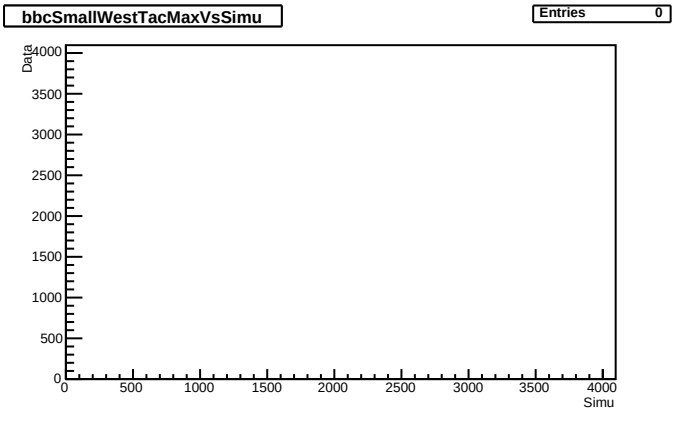
Entries 451248


bbcSmallWestTacMaxVsSimu
Entries 0
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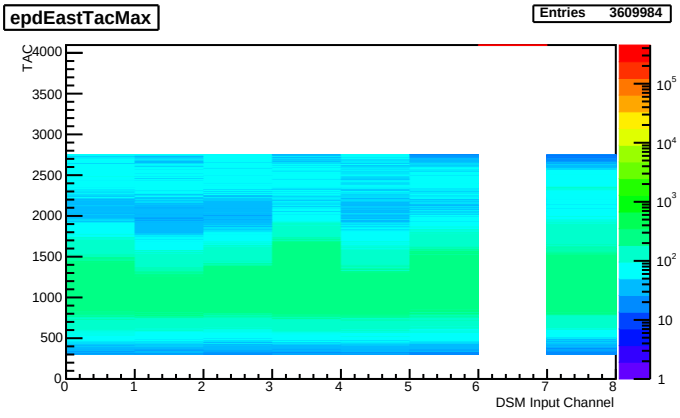
Simu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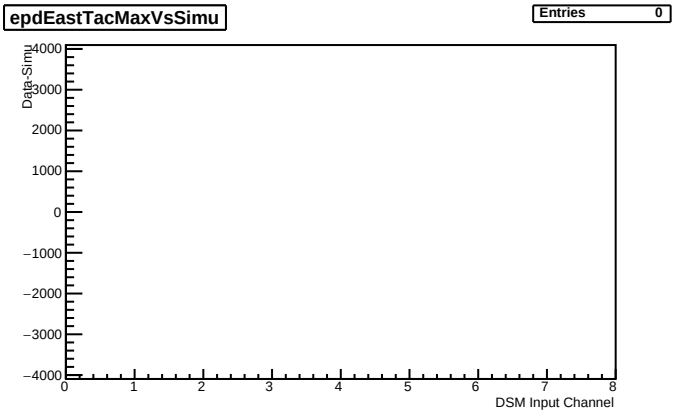
Entries 3609984
TAC
DSM Input Channel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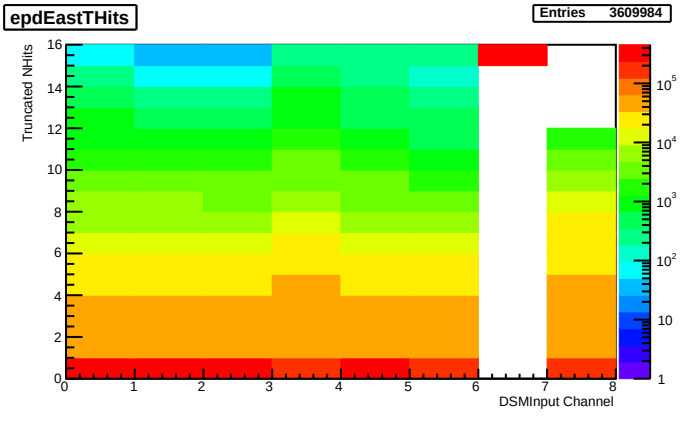
Entries 0
Data-Simu
DSM Input Channel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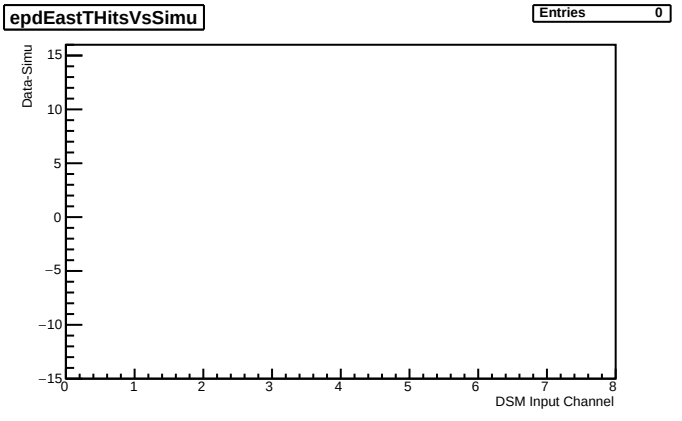
Entries 3609984
Truncated NHits
DSMInput Channel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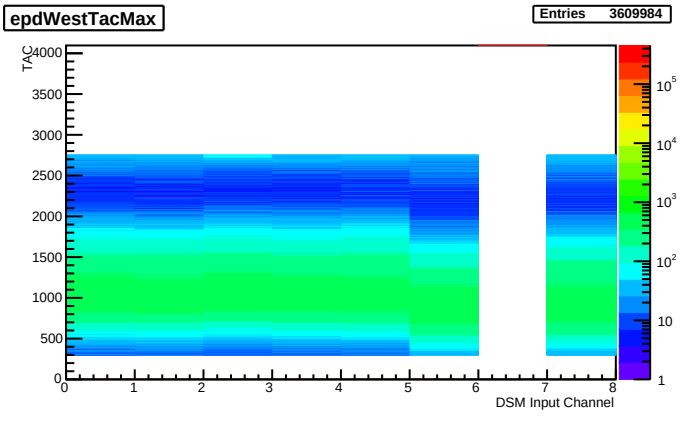
DSM Input Channel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Entries 3609984
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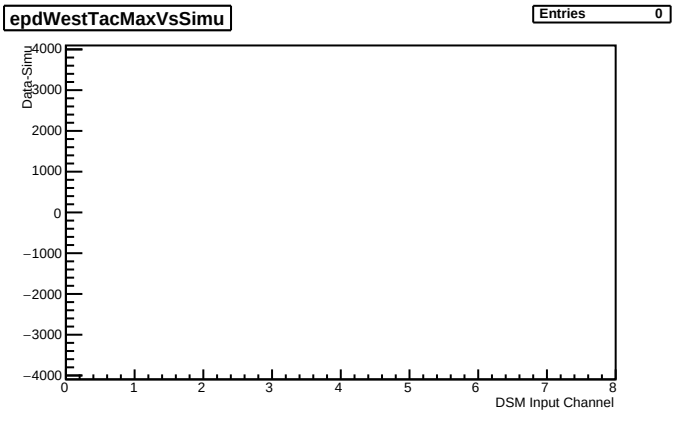
DSM Input Channel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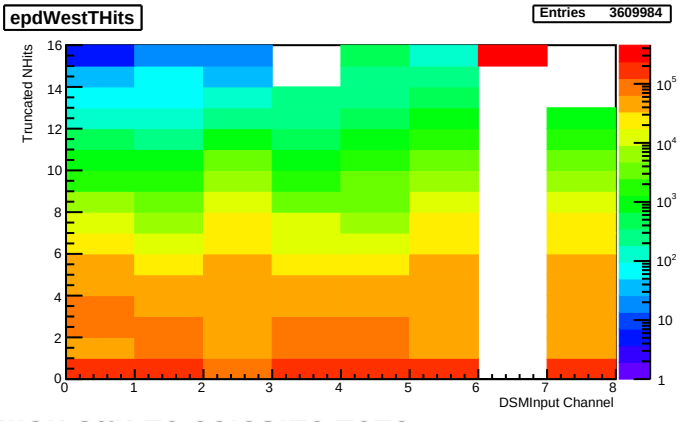
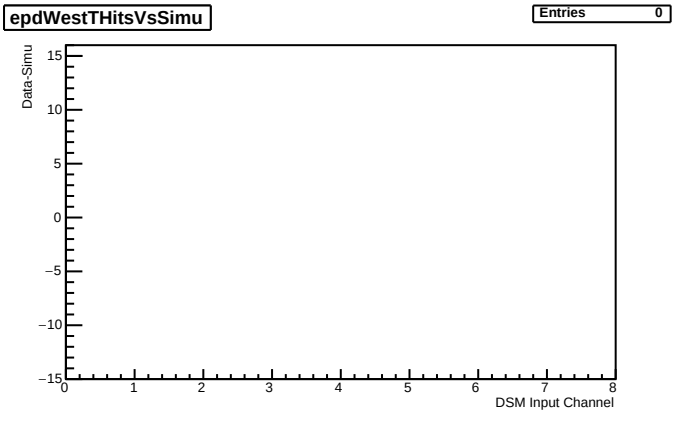
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3609984
Truncated NHits
DSMInput Channel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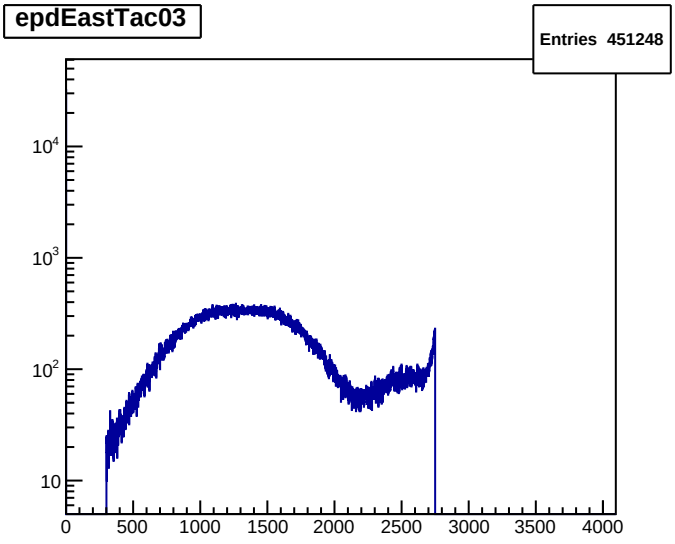
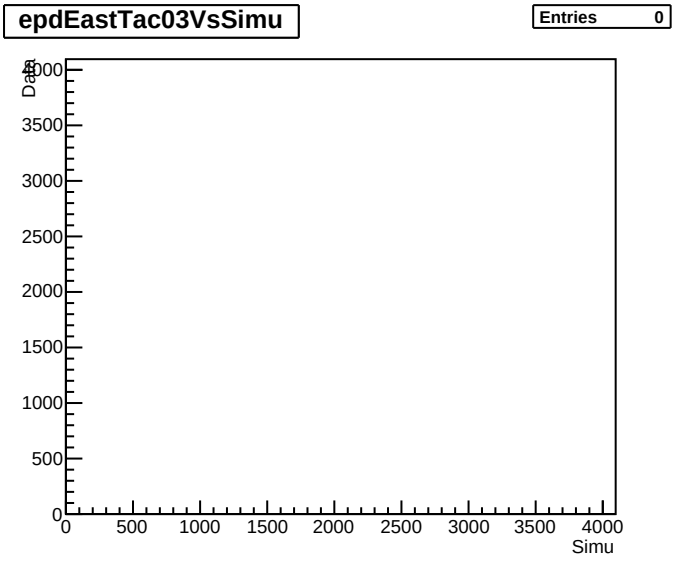
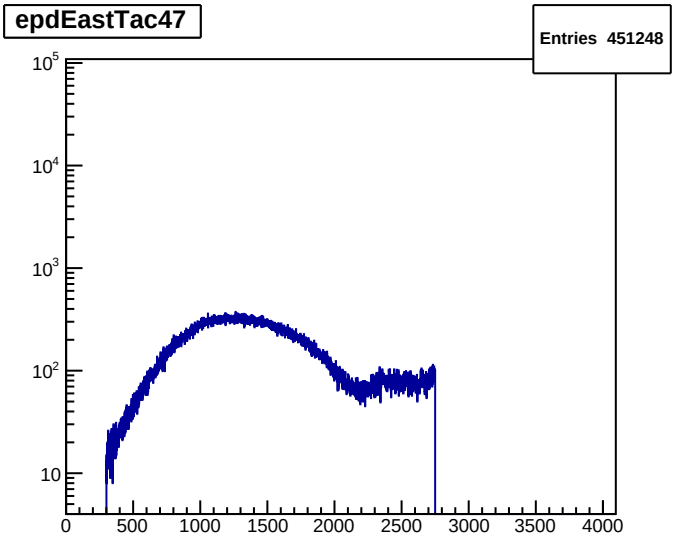
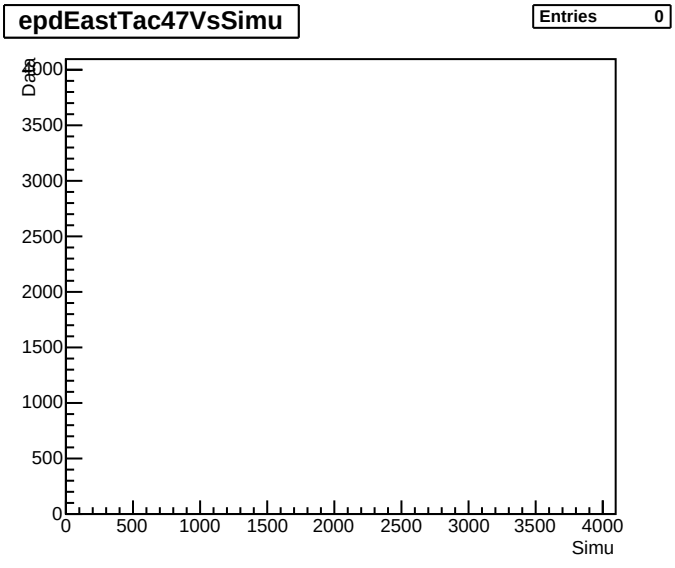
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 451248


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 451248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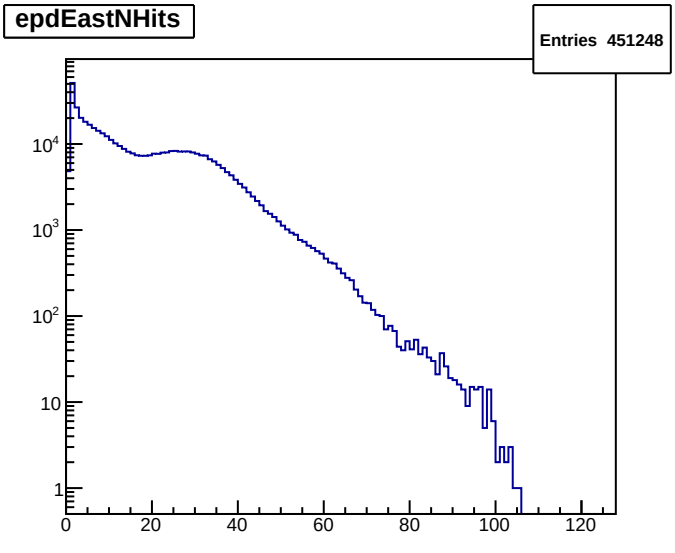
Entries 0
Data
Simu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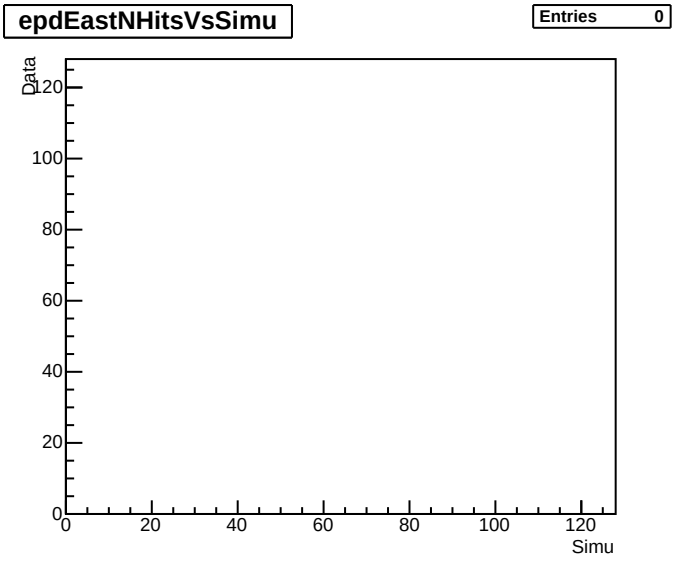
Entries 451248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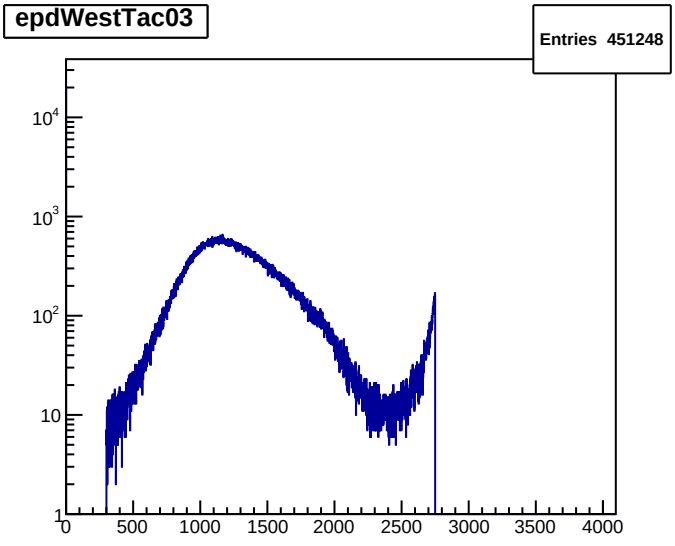
Data
Simu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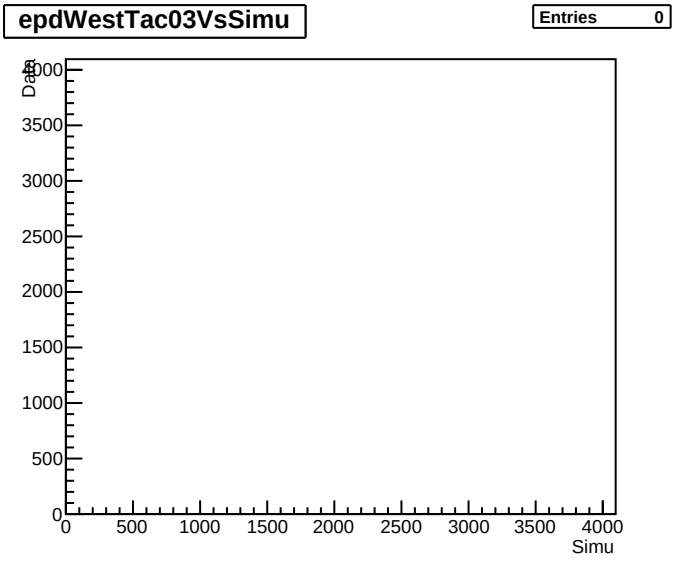
Entries 451248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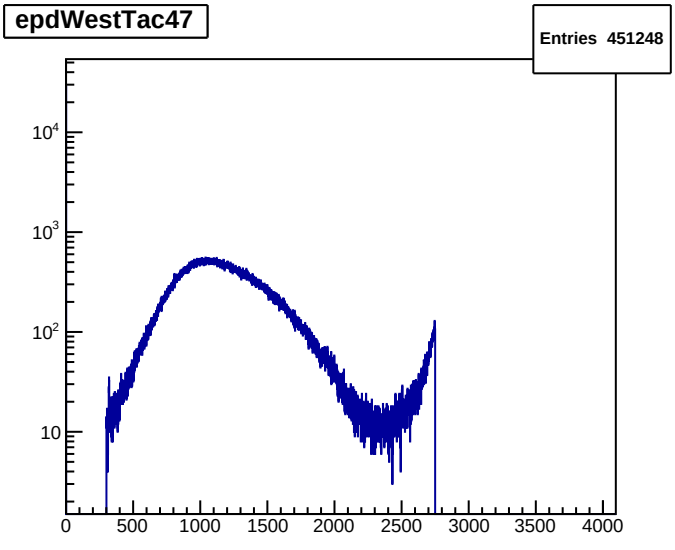
Data
Simu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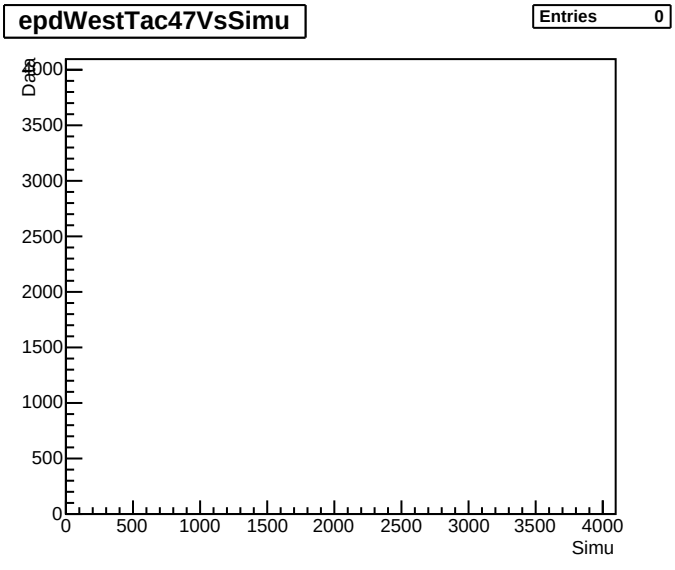
Entries 451248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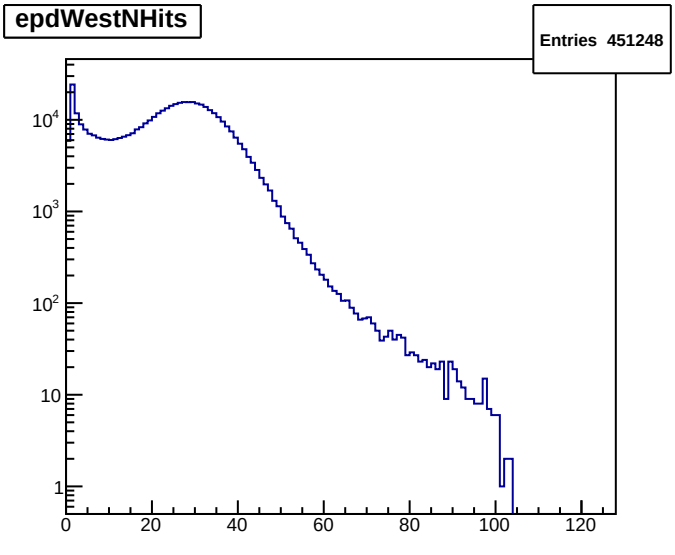
Entries 0
Data
Simu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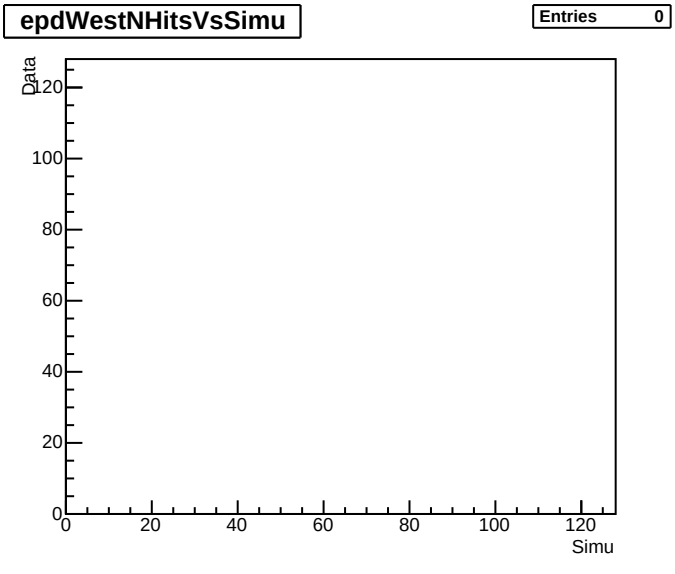
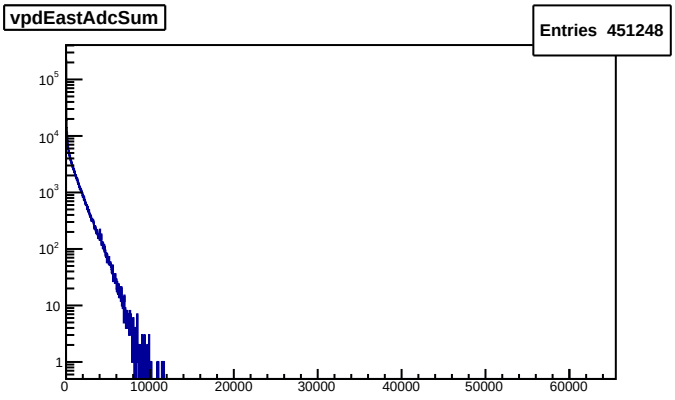
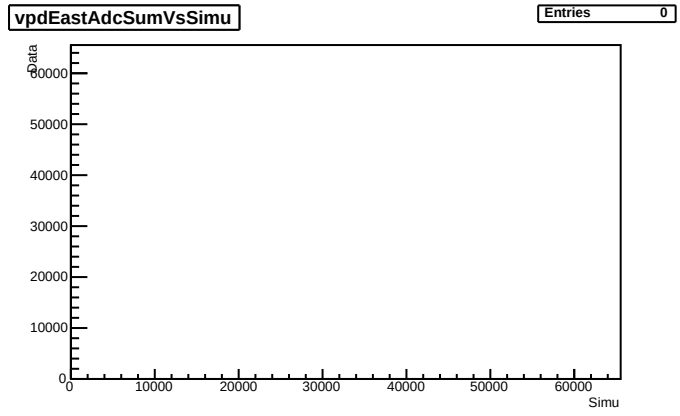
Entries 451248


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 451248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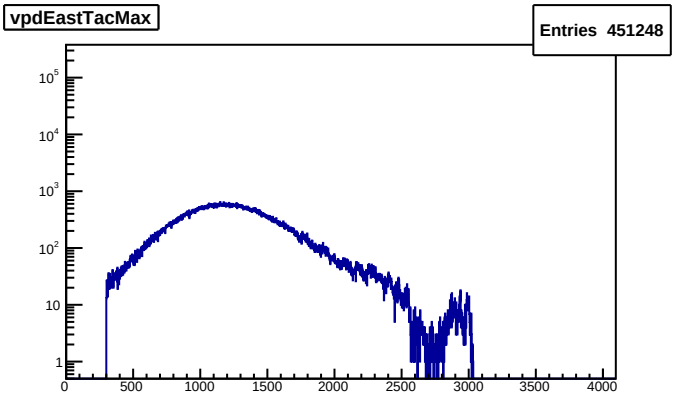
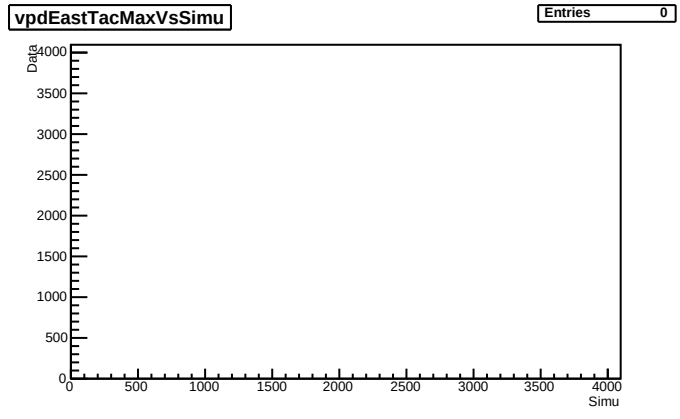
Entries 0
Data
Simu


vpdEastTacMax
Entries 451248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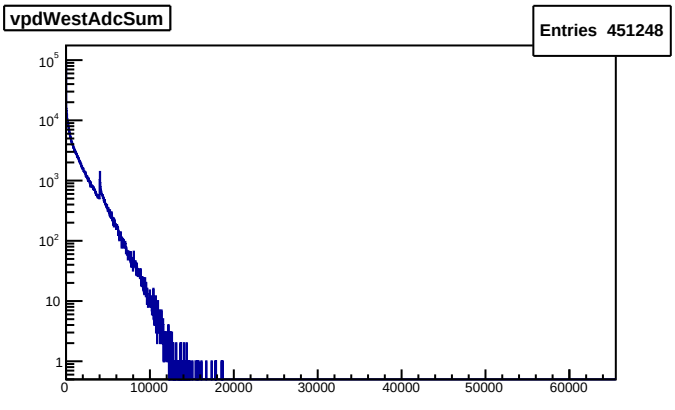
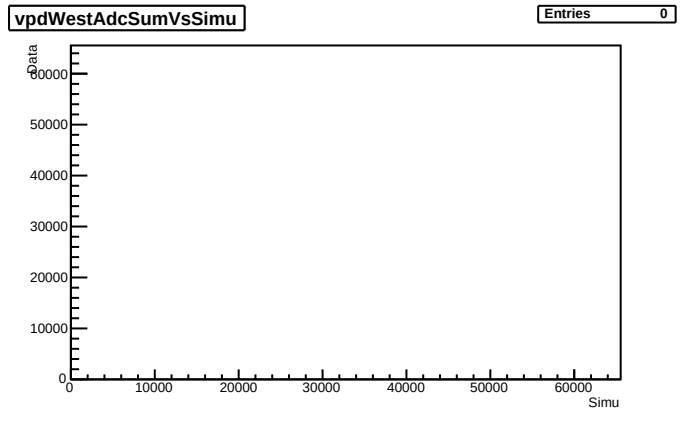
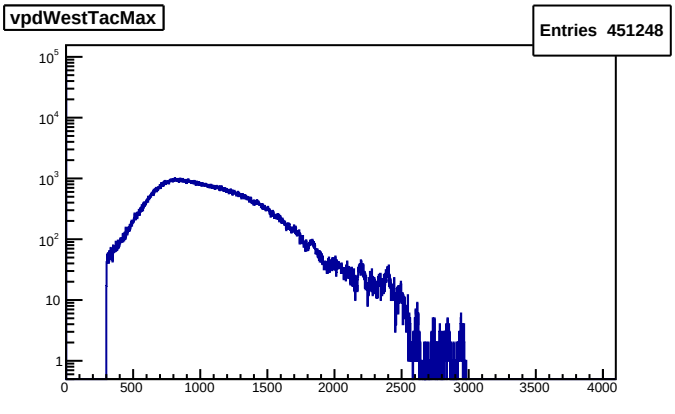
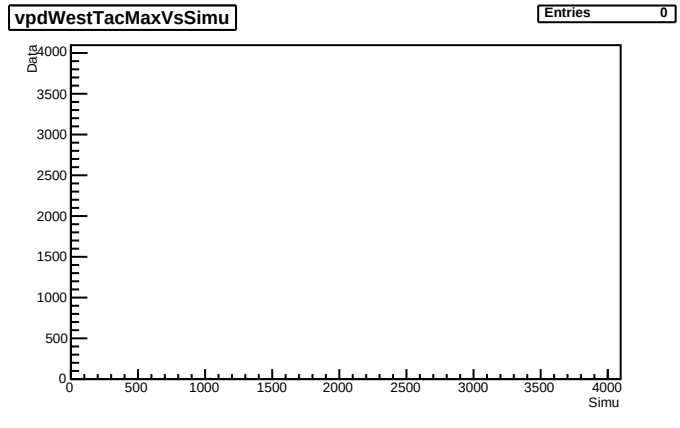
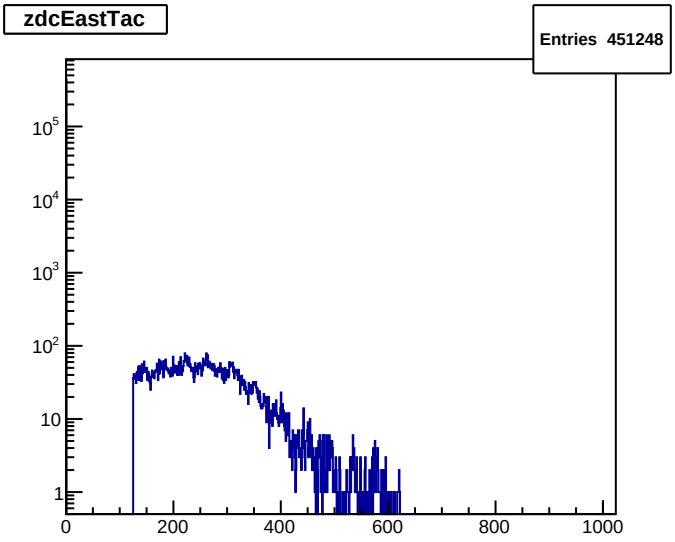
Entries 0
Data
Simu

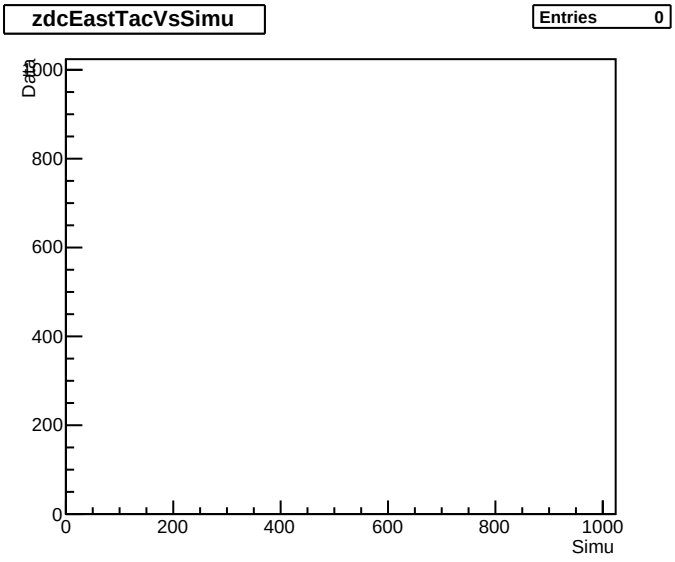

vpdWestAdcSum
Entries 451248

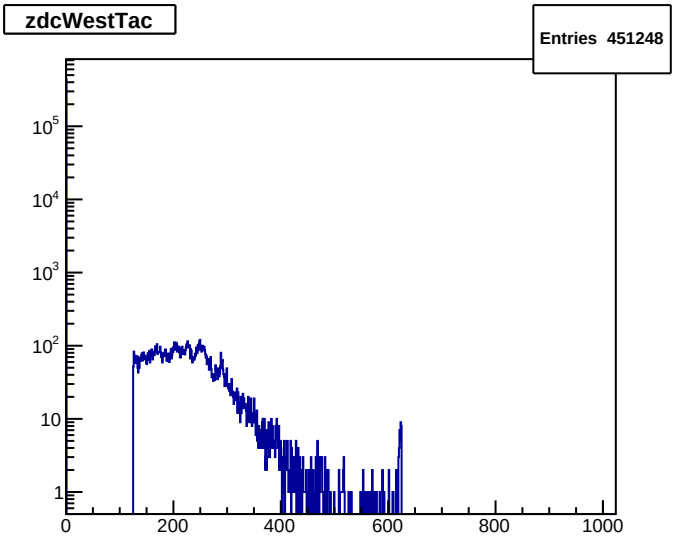

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

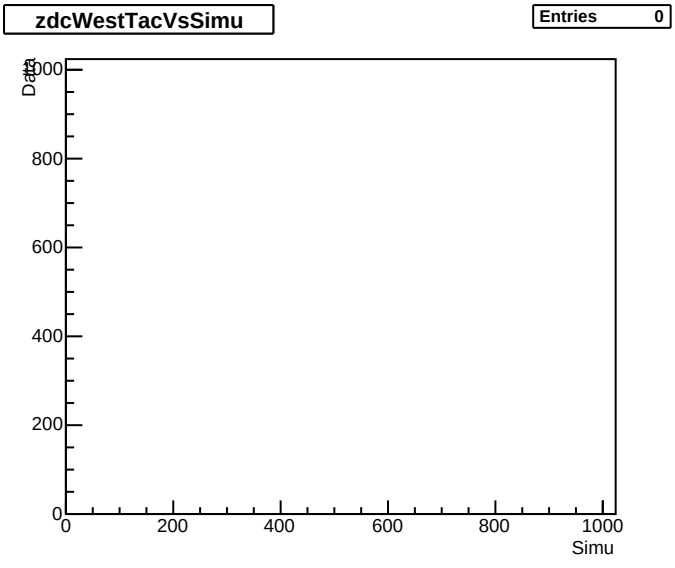

vpdWestTacMax
Entries 451248

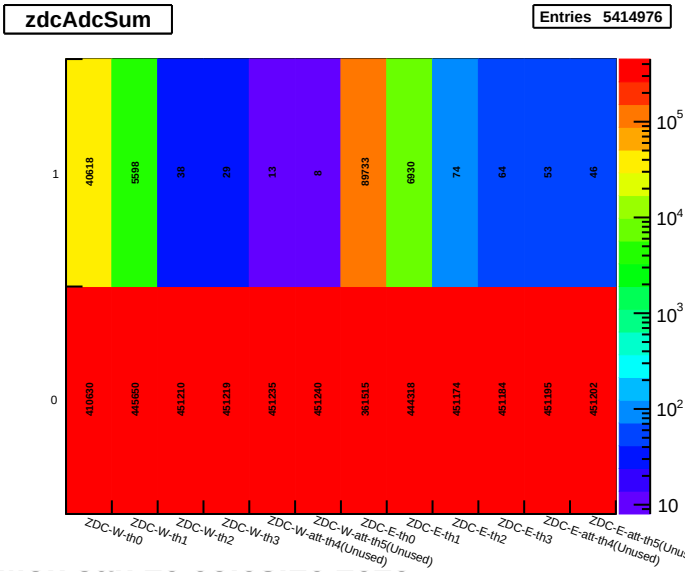

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

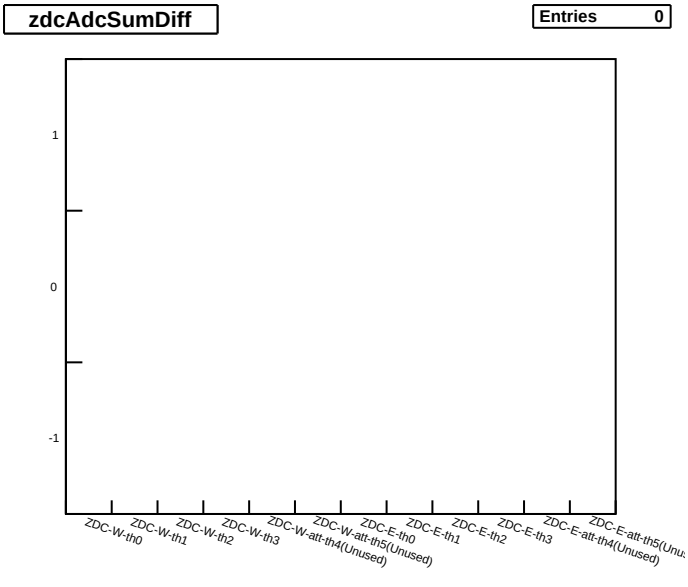

zdcEastTac
Entries 451248
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

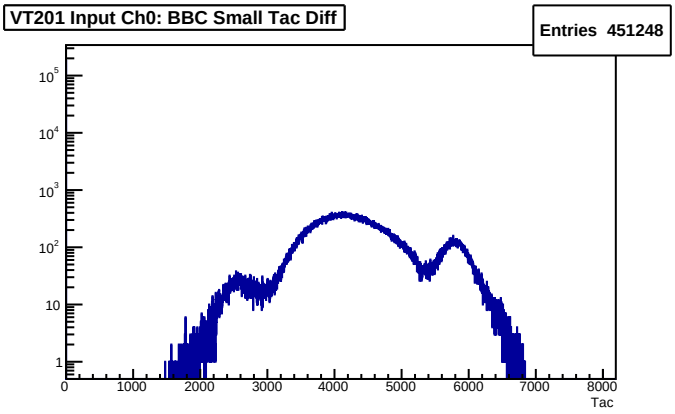

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

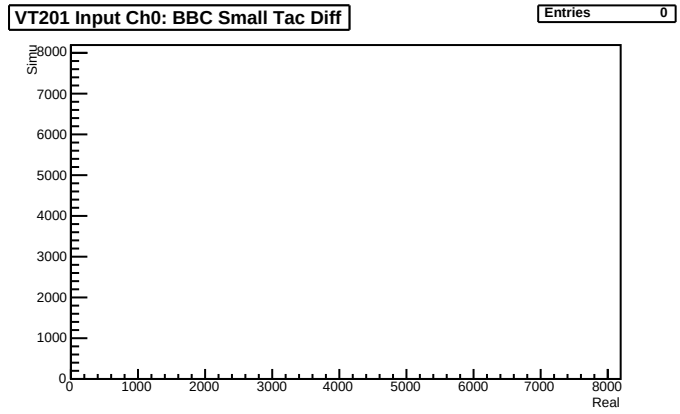

zdcWestTac
Entries 451248
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

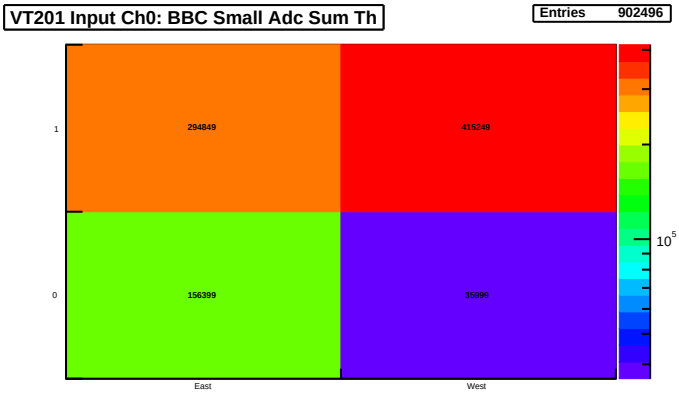

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

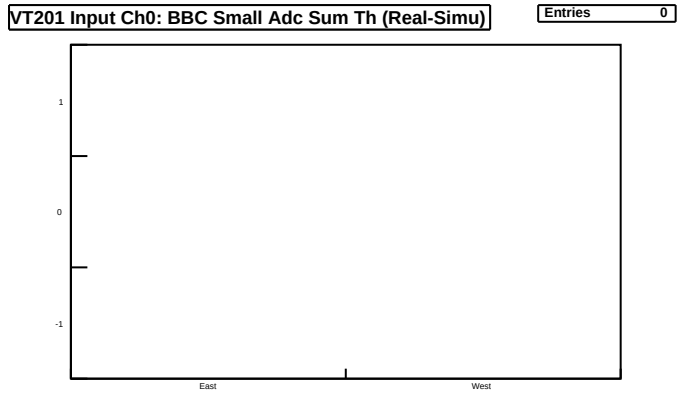

zdcAdcSum
Entries 5414976
1
0
40618
5598
38
29
13
8
89733
6930
74
64
53
46
410630
445650
451210
451219
451235
451240
361515
444318
451174
451184
451195
451202
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

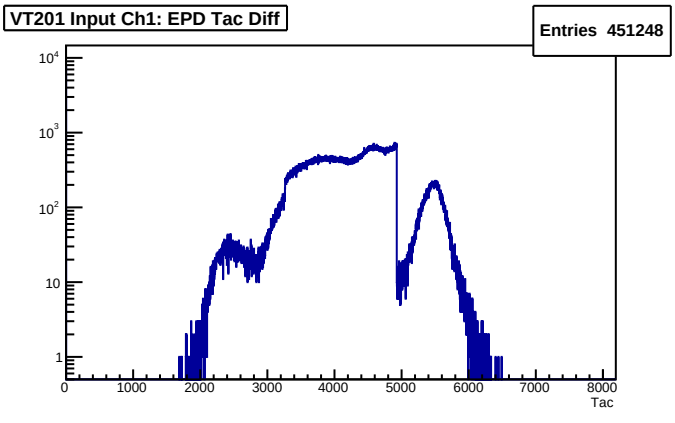

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

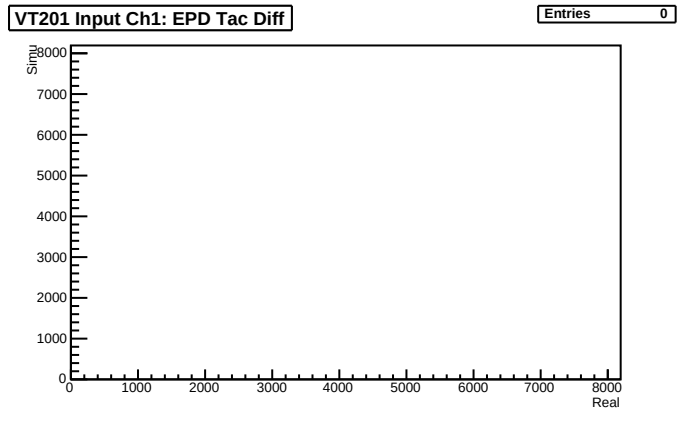

VT201 Input Ch0: BBC Small Tac Diff
Entries 451248
Tac

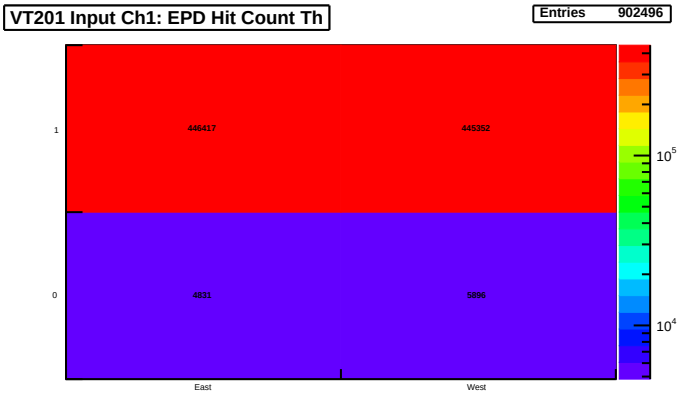

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

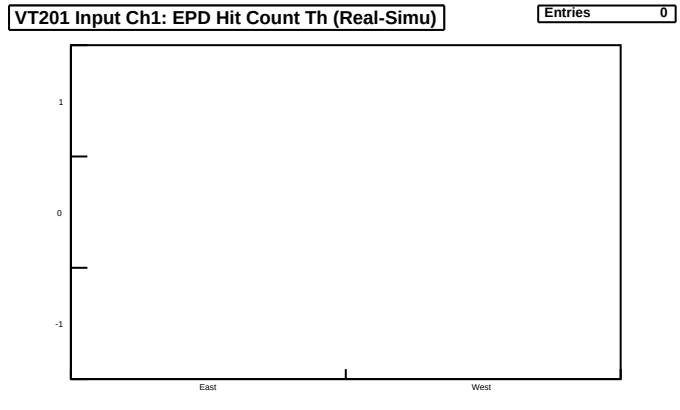

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 902496
294849
415249
156399
35999
East
West

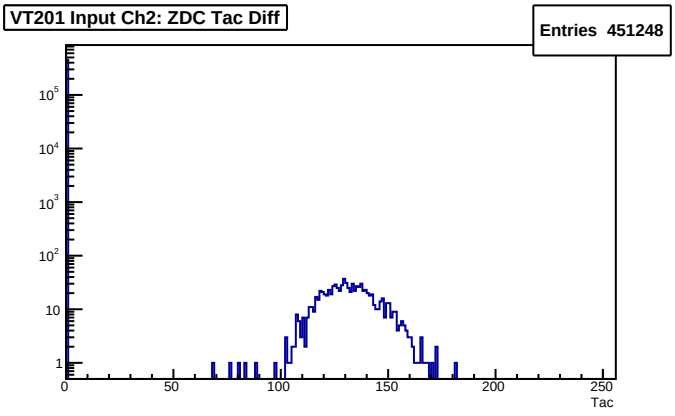

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

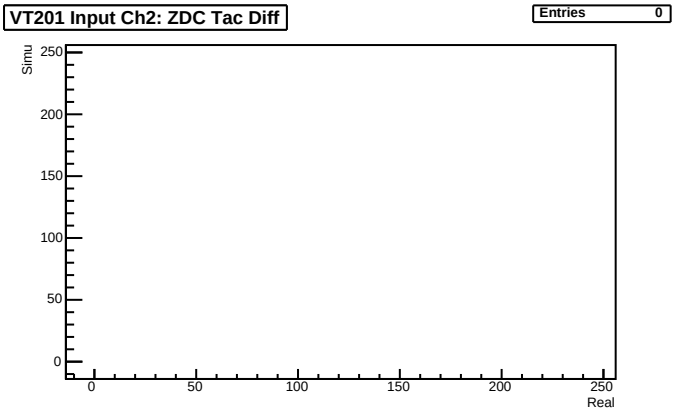

VT201 Input Ch1: EPD Tac Diff
Entries 451248
Tac

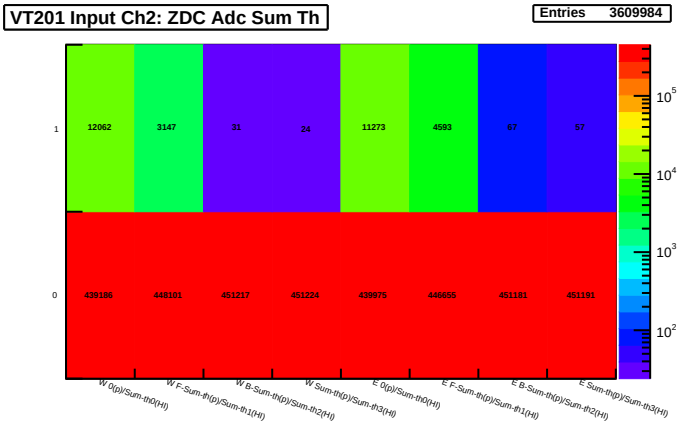

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

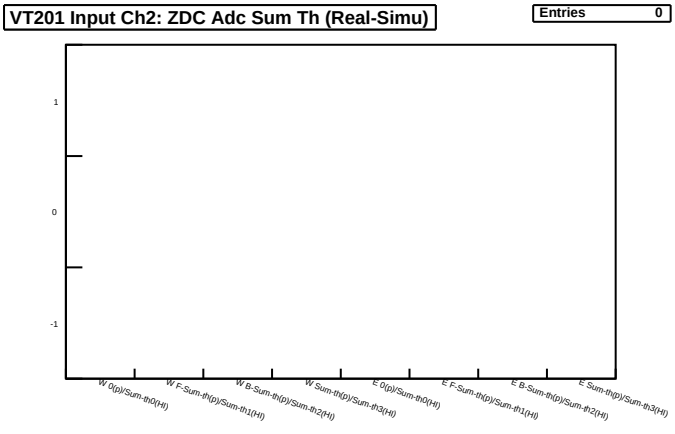

VT201 Input Ch1: EPD Hit Count Th
Entries 902496
446417
445352
4831
5896
East
West

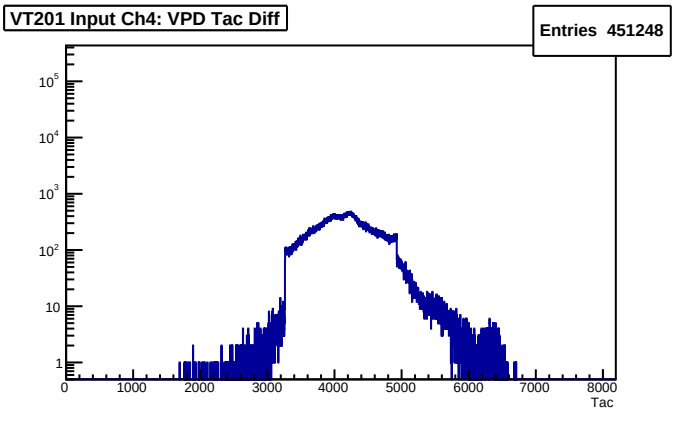

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

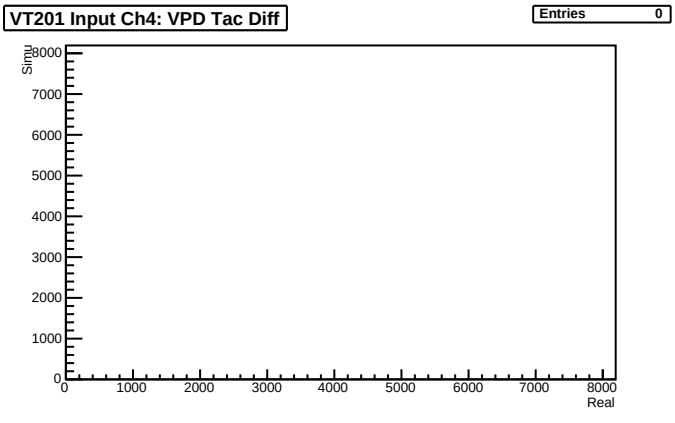

VT201 Input Ch2: ZDC Tac Diff
Entries 451248
Tac

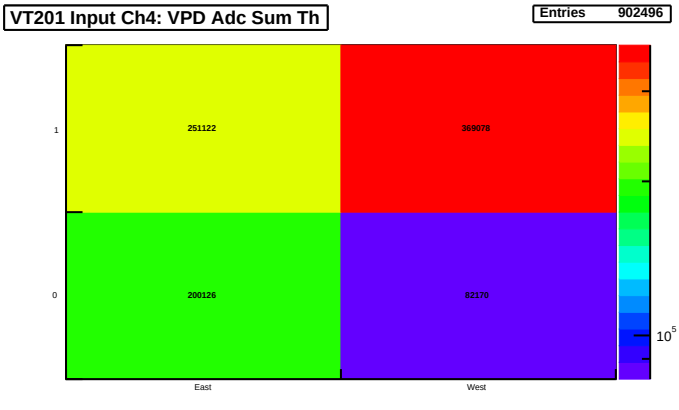

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

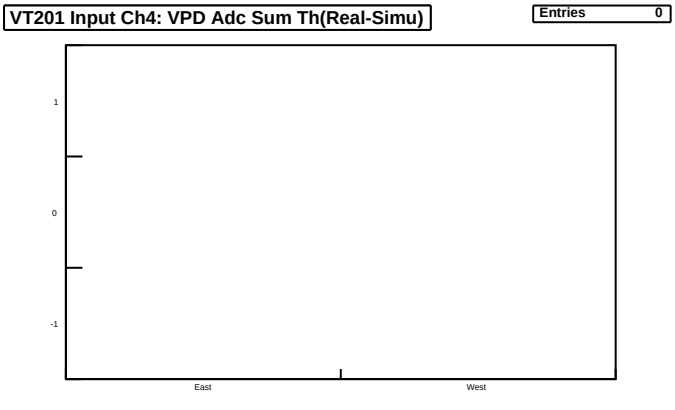

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3609984
12062
3147
31
24
11273
4593
67
57
439186
448101
451217
451224
439975
446655
451181
451191
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

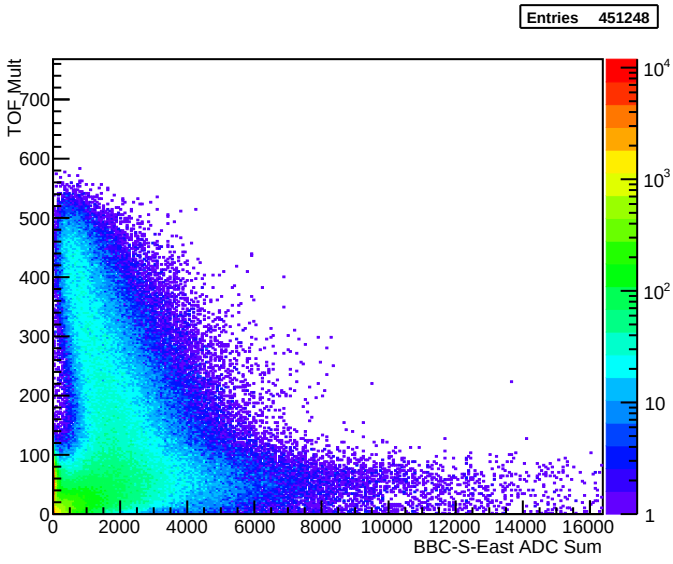

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

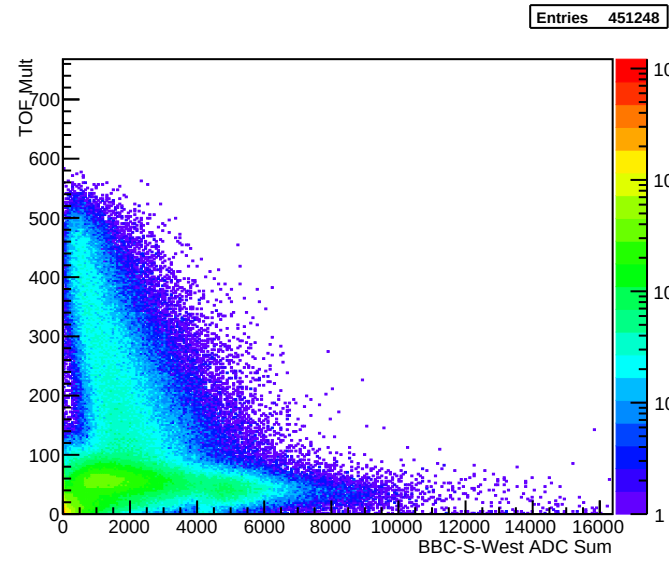

VT201 Input Ch4: VPD Tac Diff
Entries 451248
Tac

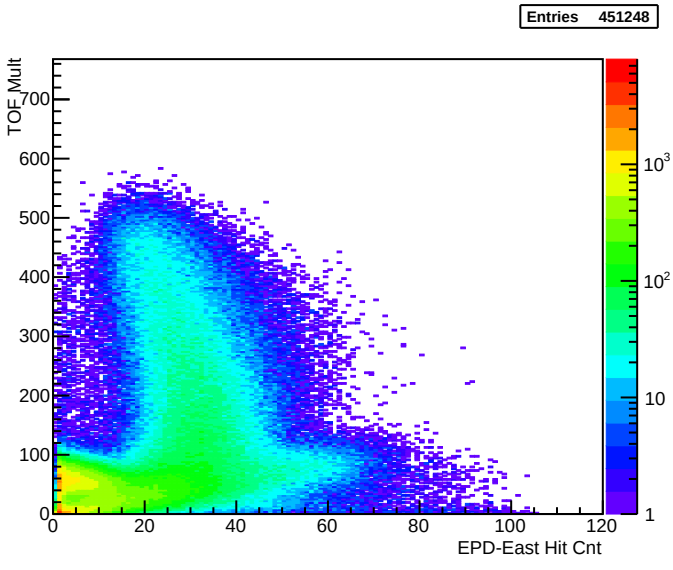

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

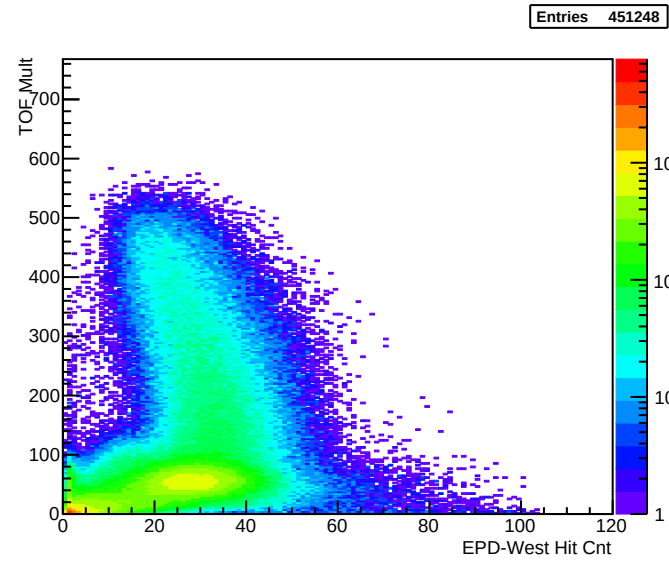

VT201 Input Ch4: VPD Adc Sum Th
Entries 902496
251122
369078
200126
82170
East
West

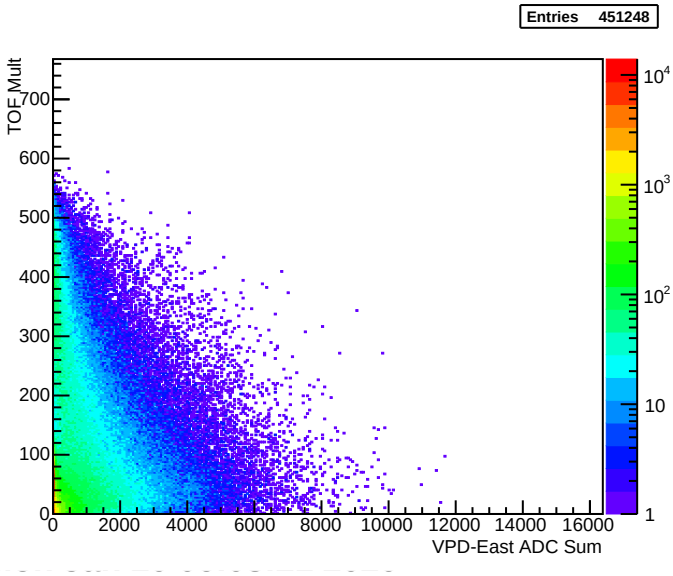

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

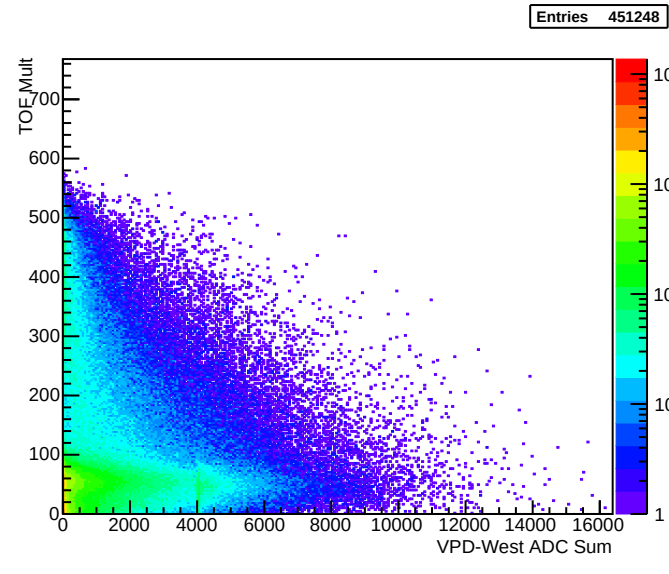

Entries 451248
TOF_Mult
BBC-S-East ADC Sum

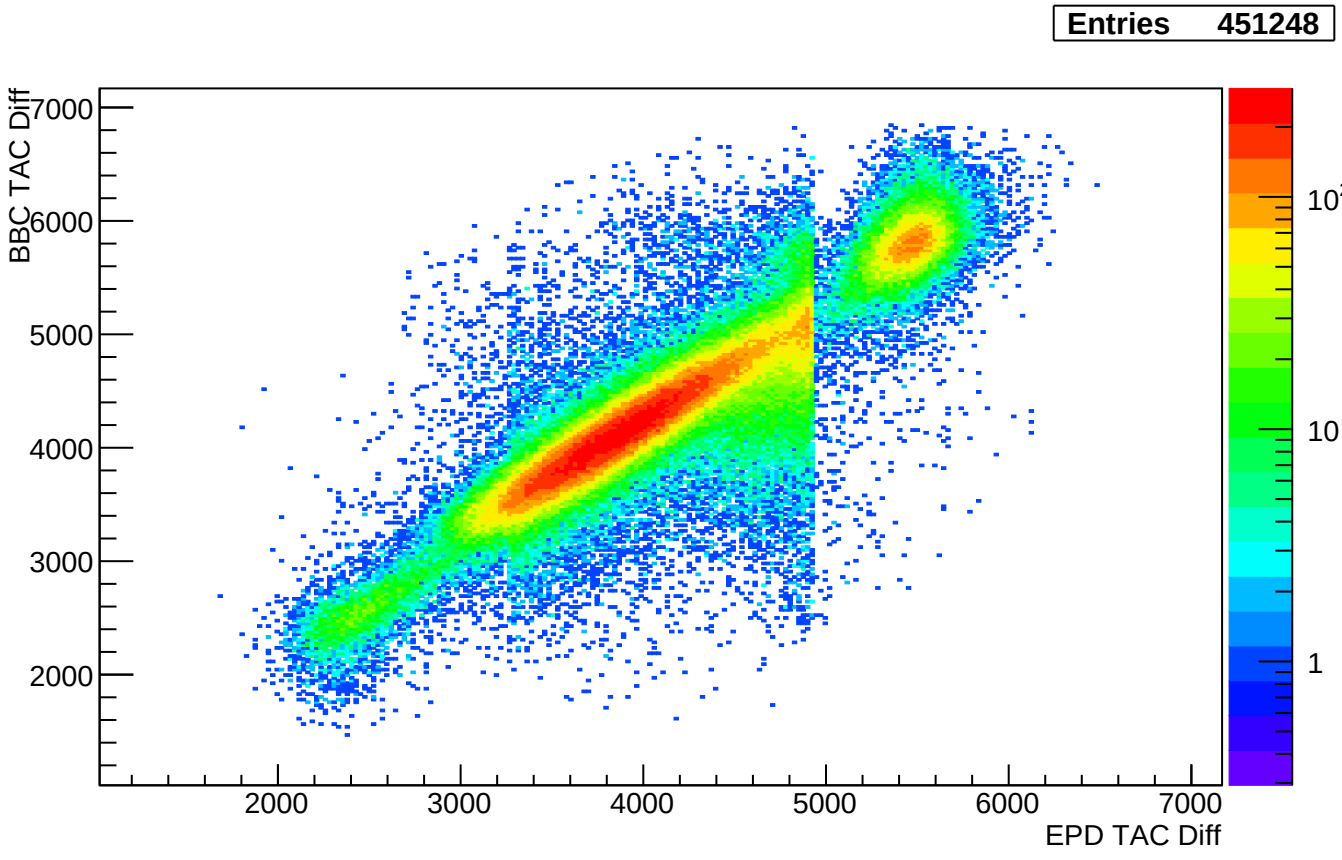

Entries 451248
TOF_Mult
BBC-S-West ADC Sum

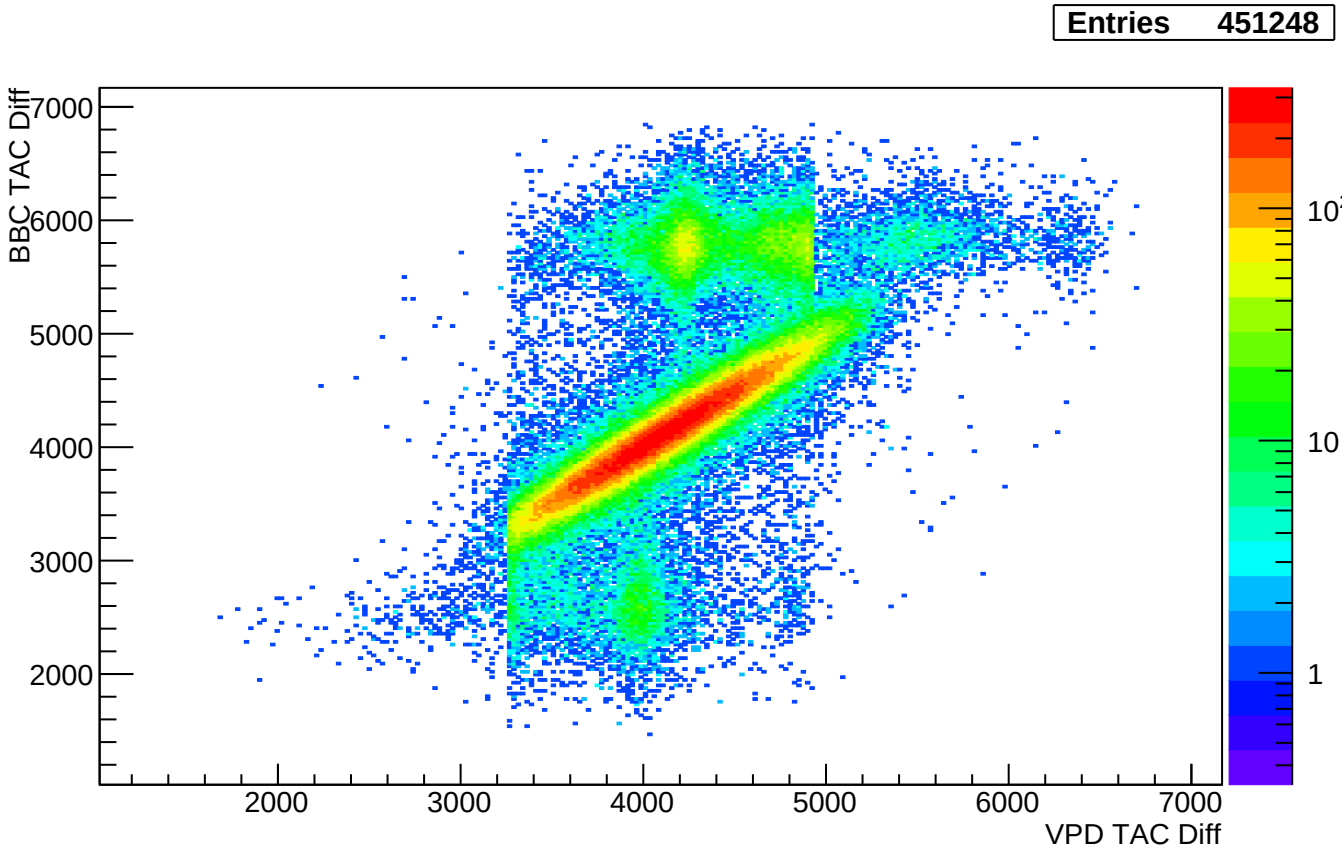

Entries 451248
TOF_Mult
EPD-East Hit Cnt

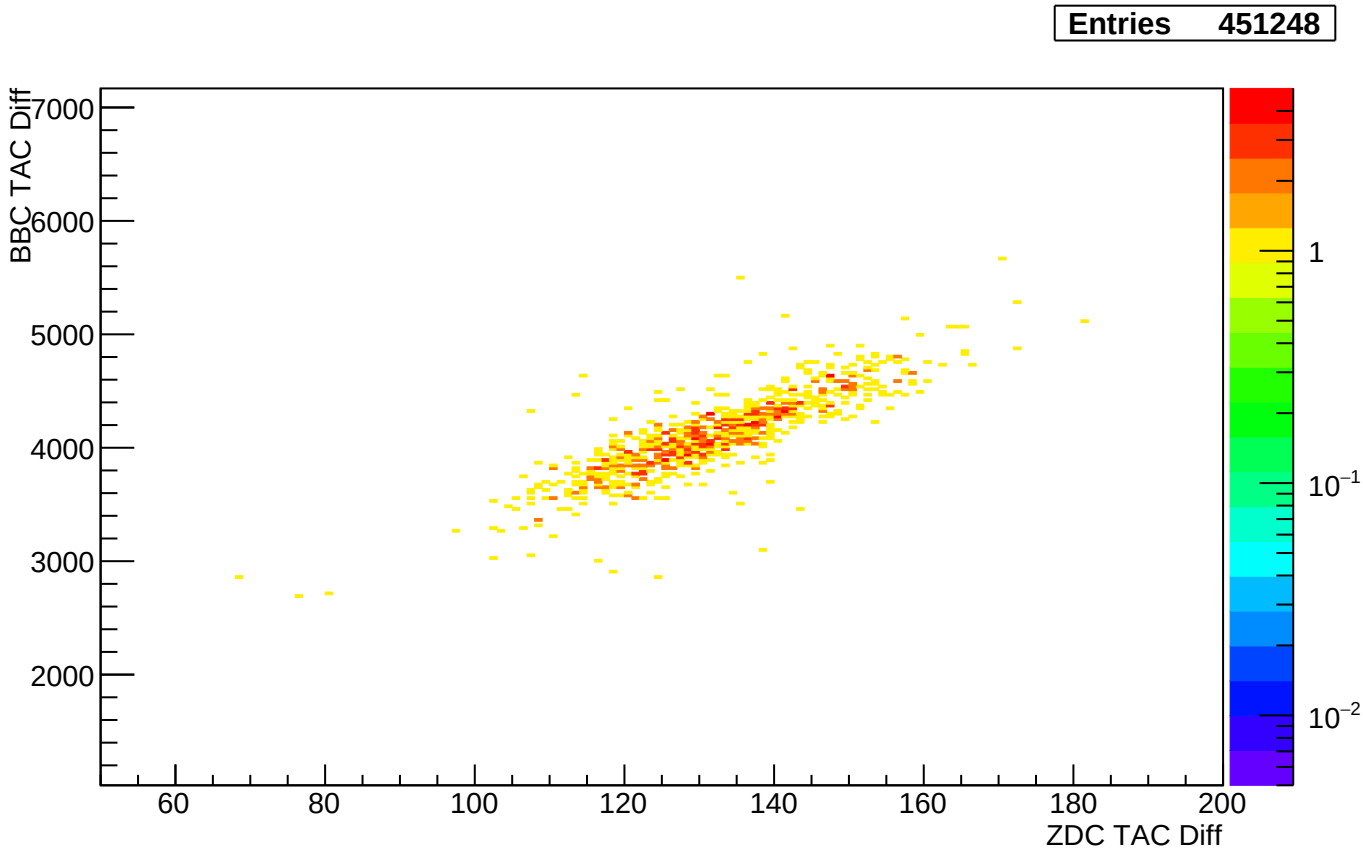

Entries 451248
TOF_Mult
EPD-West Hit Cnt

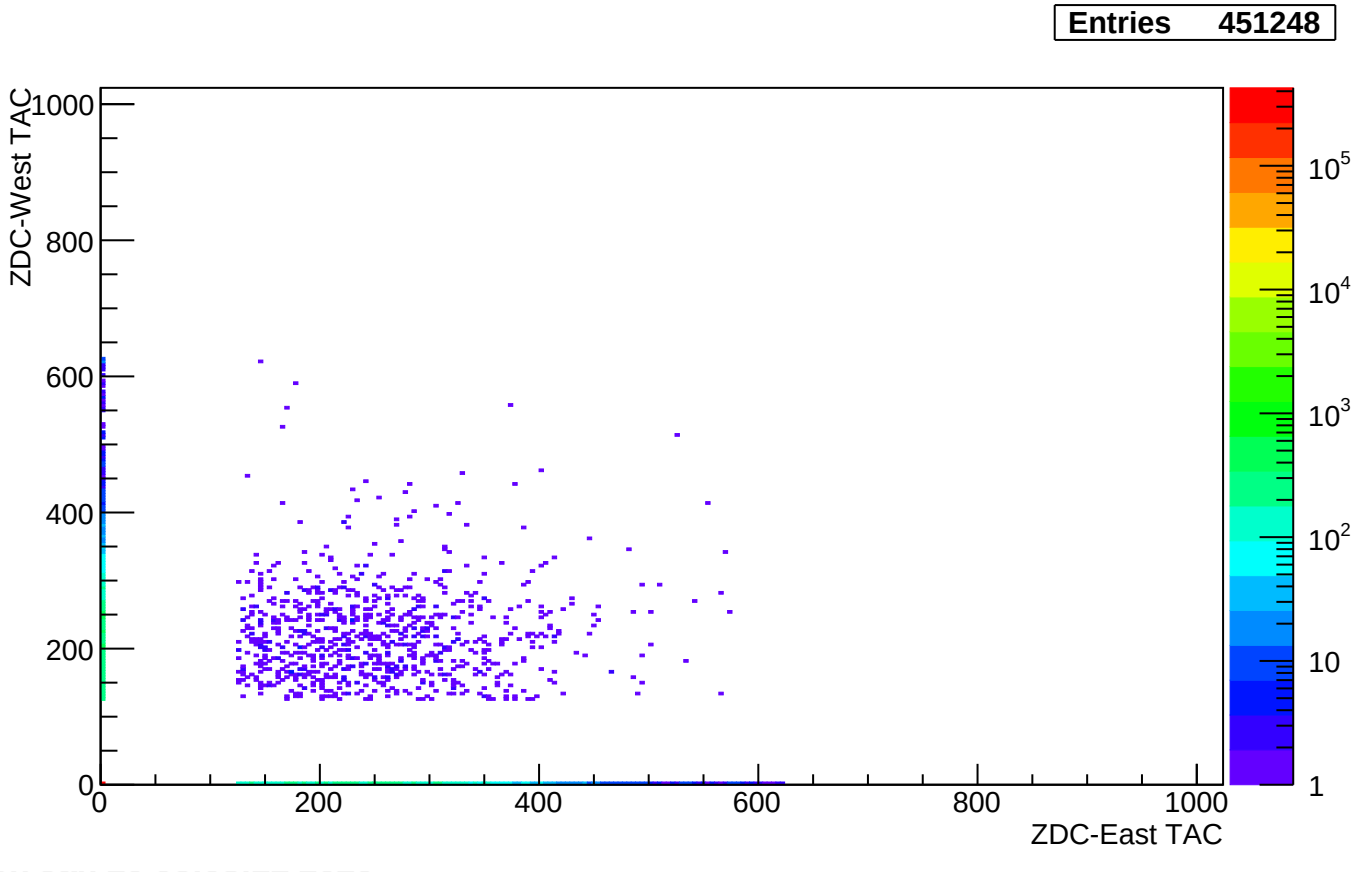

Entries 451248
TOF_Mult
VPD-East ADC Sum

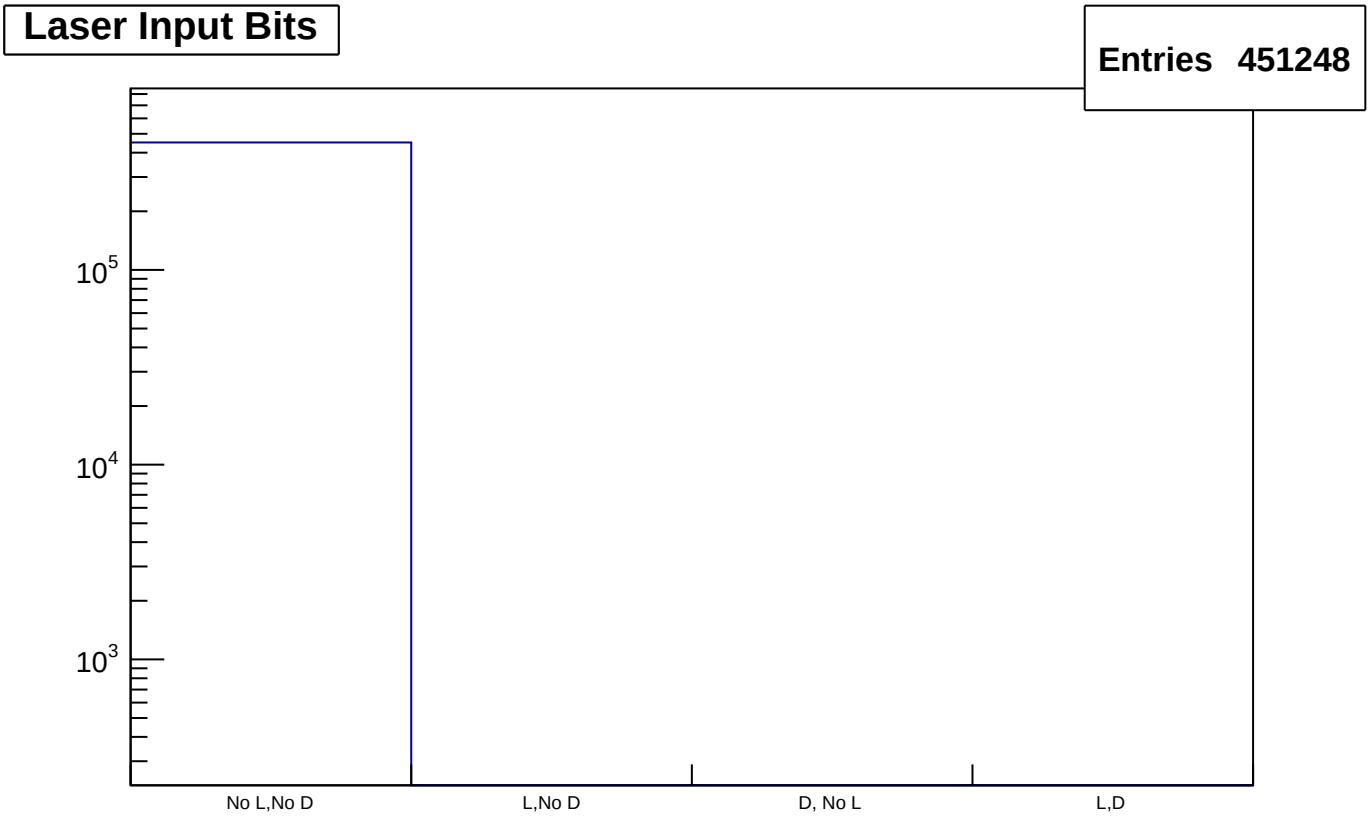

Entries 451248
TOF_Mult
VPD-West ADC Sum

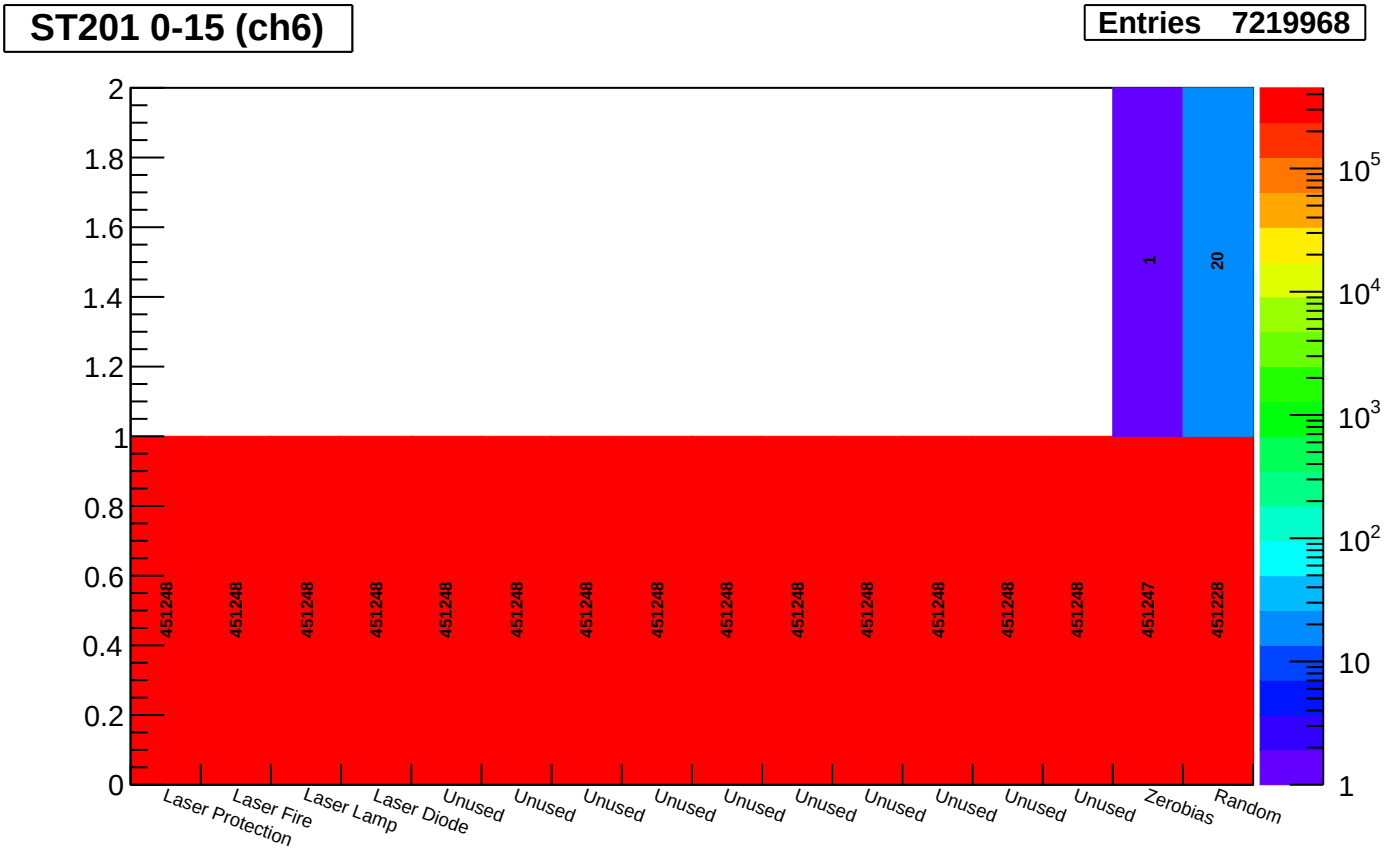

Entries 451248
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

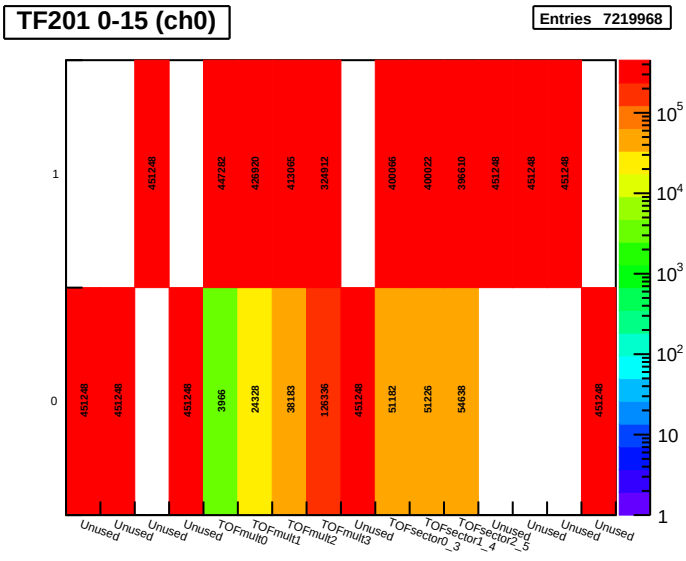

Entries 451248
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

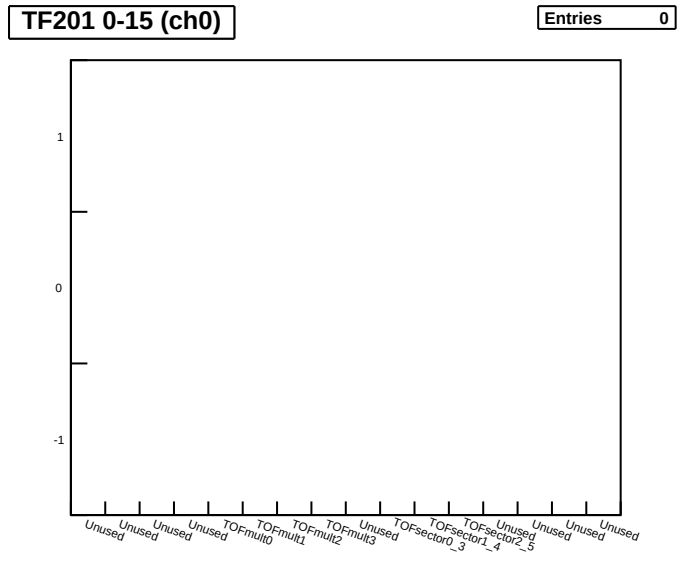

Entries 451248
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

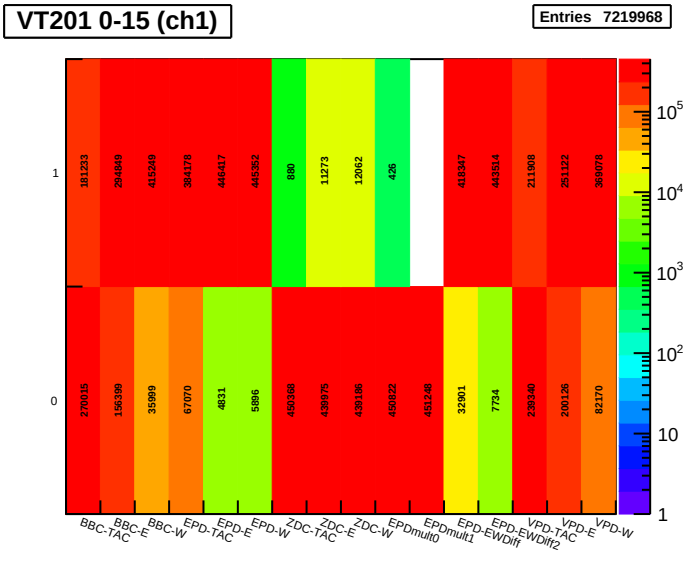

Entries 451248
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

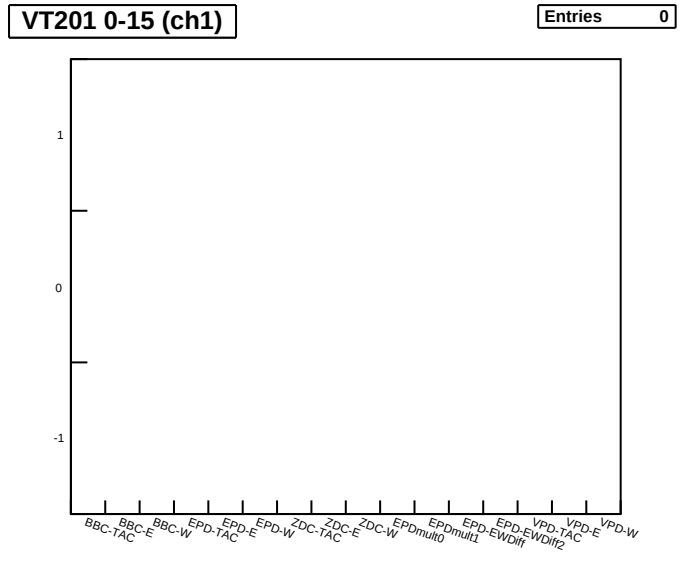

Laser Input Bits
Entries 451248
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

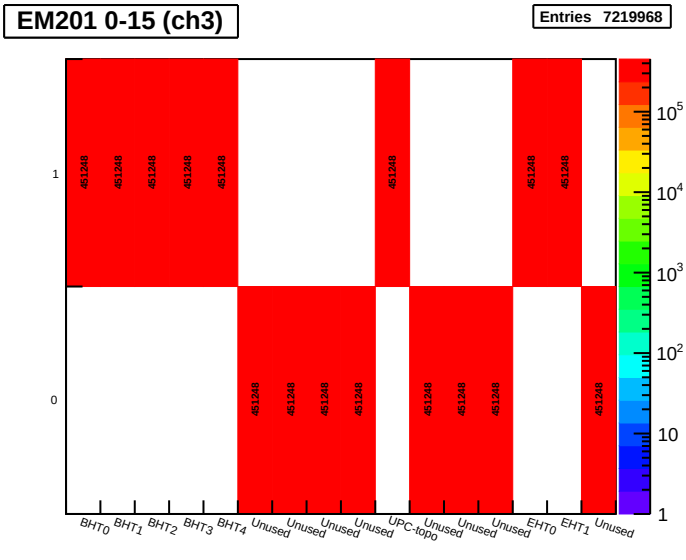

ST201 0-15 (ch6)
Entries 7219968
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
451248
451248
451248
451248
451248
451248
451248
451248
451248
451248
451248
451248
451248
451248
451247
451228
1
20
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

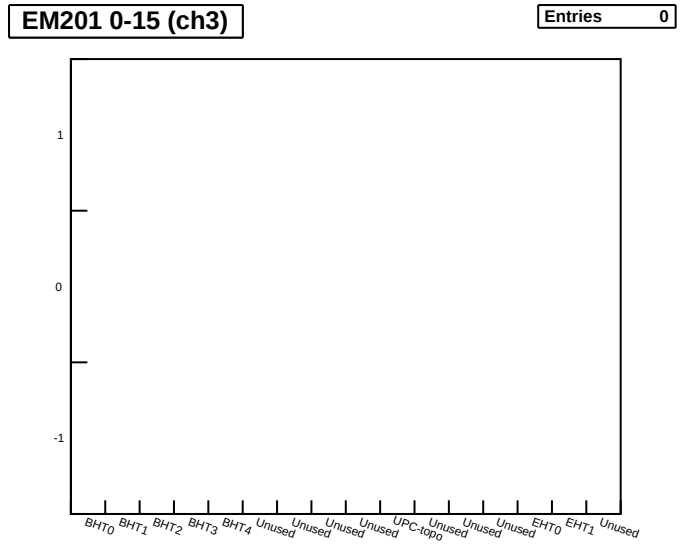

TF201 0-15 (ch0)
Entries 7219968
1
0
451248
447282
426920
413065
324912
400066
400022
386610
451248
451248
451248
451248
451248
451248
3966
24328
38183
126336
451248
51182
51226
54638
451248
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
1
10
10^2
10^3
10^4
10^5


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 7219968
1
0
181233
294849
415249
384178
446417
445352
880
11273
12062
426
418347
443514
211908
251122
369078
270015
156399
35999
67070
4031
5896
450368
439975
439186
450822
451248
32901
7734
238340
200126
82170
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
1
10
10^2
10^3
10^4
10^5


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 7219968
1
0
451248
451248
451248
451248
451248
451248
451248
451248
451248
451248
451248
451248
451248
451248
451248
451248
451248
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
1
10
10^2
10^3
10^4
10^5


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