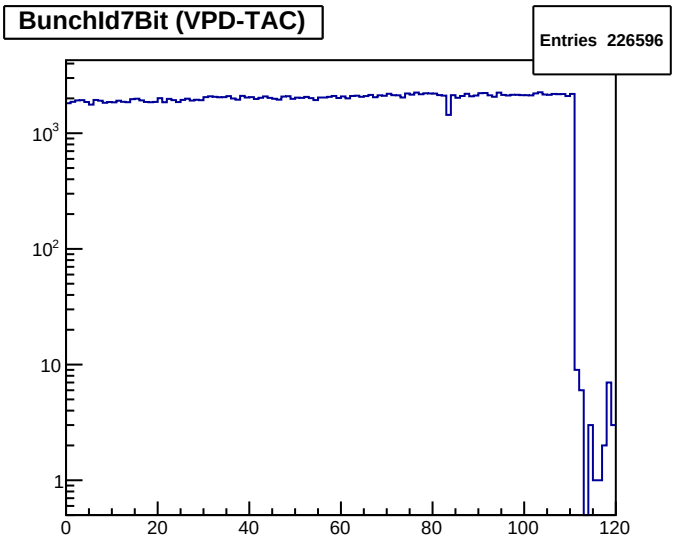
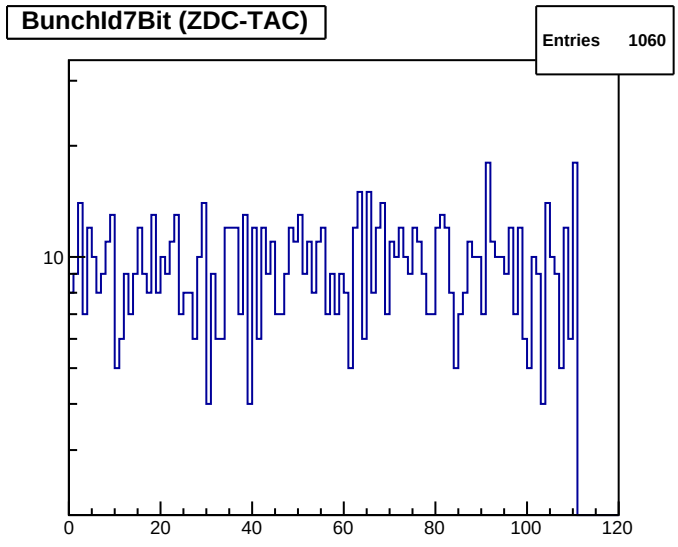
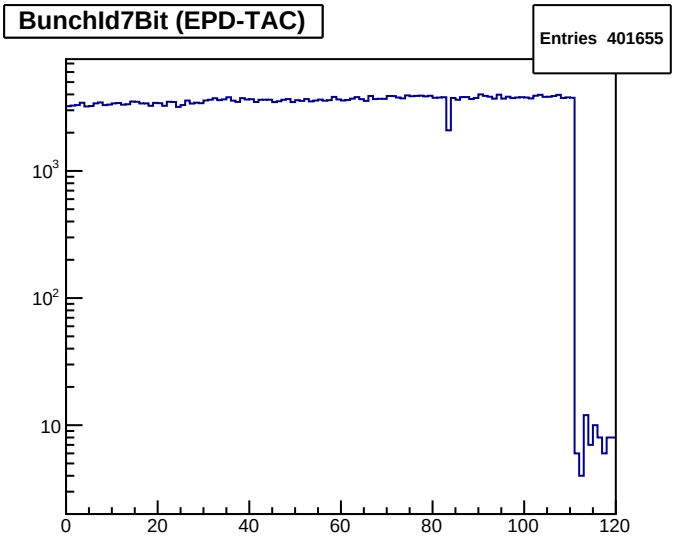
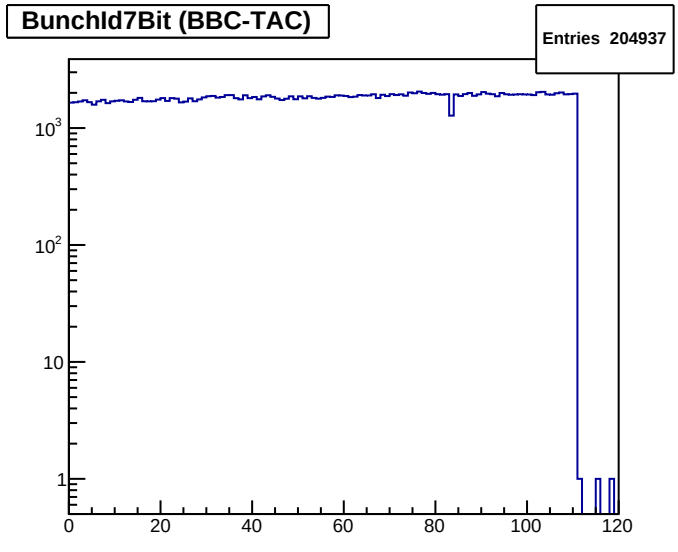
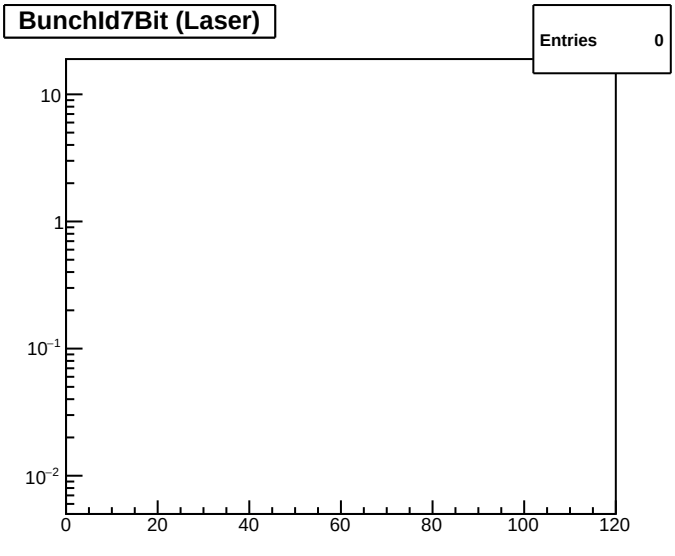
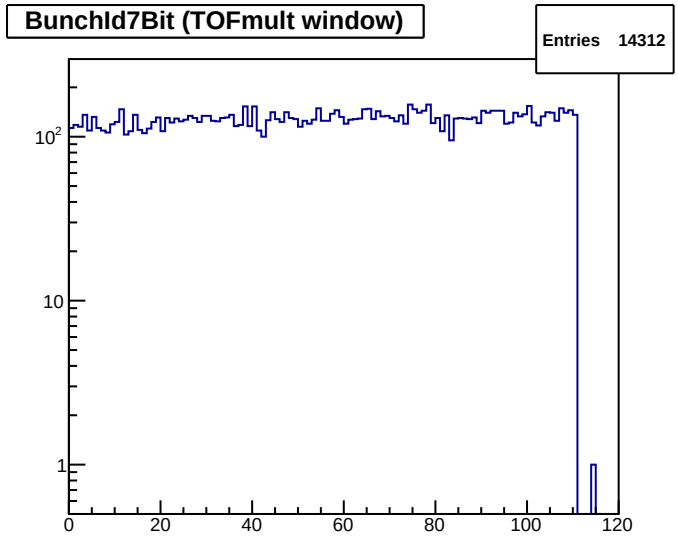

BunchId7Bit (VPD-TAC)
Entries 226596

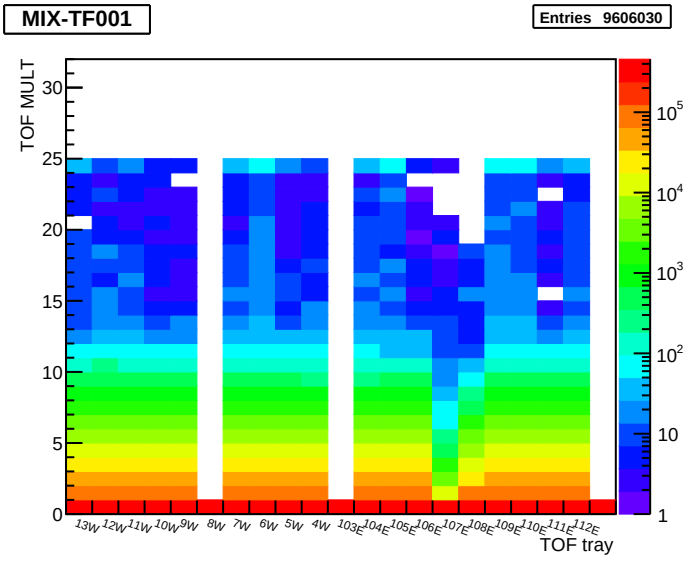

BunchId7Bit (ZDC-TAC)
Entries 1060

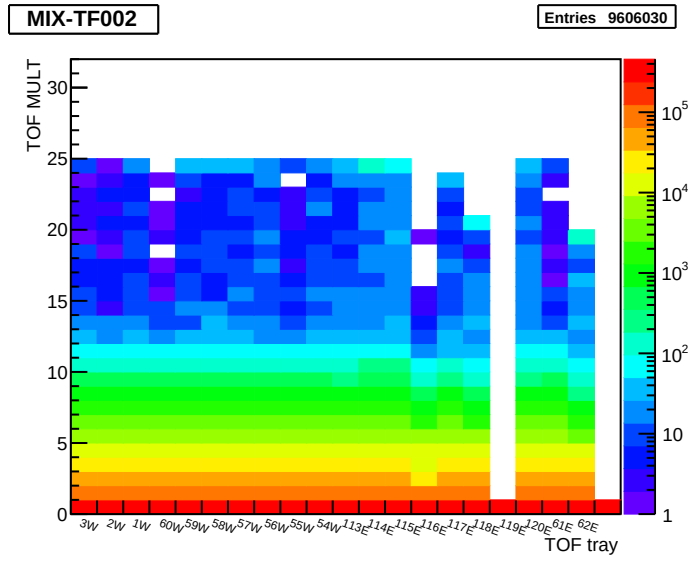

BunchId7Bit (EPD-TAC)
Entries 401655

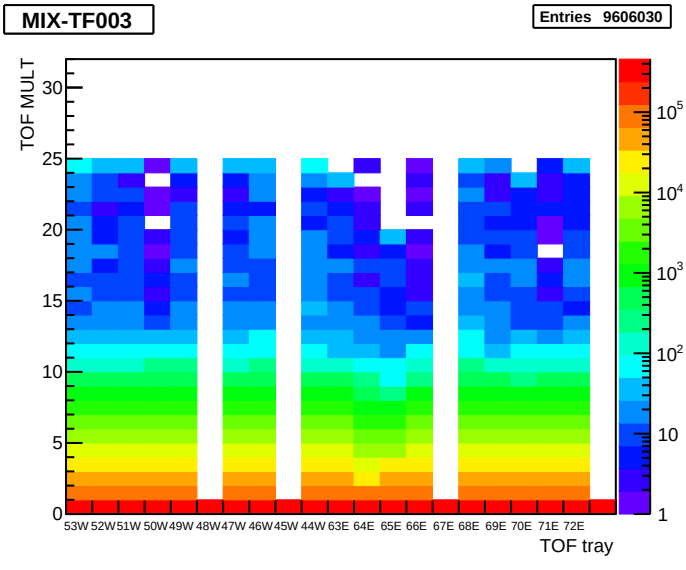

BunchId7Bit (BBC-TAC)
Entries 204937

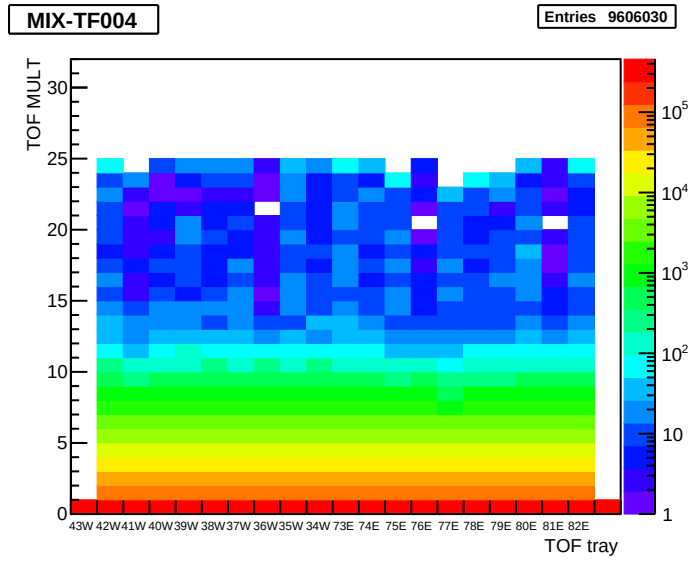

BunchId7Bit (Laser)
Entries 0

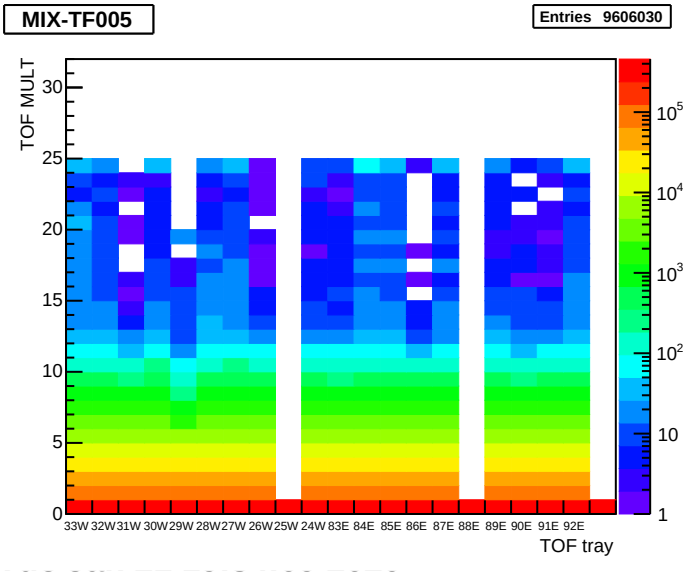

BunchId7Bit (TOFmult window)
Entries 14312

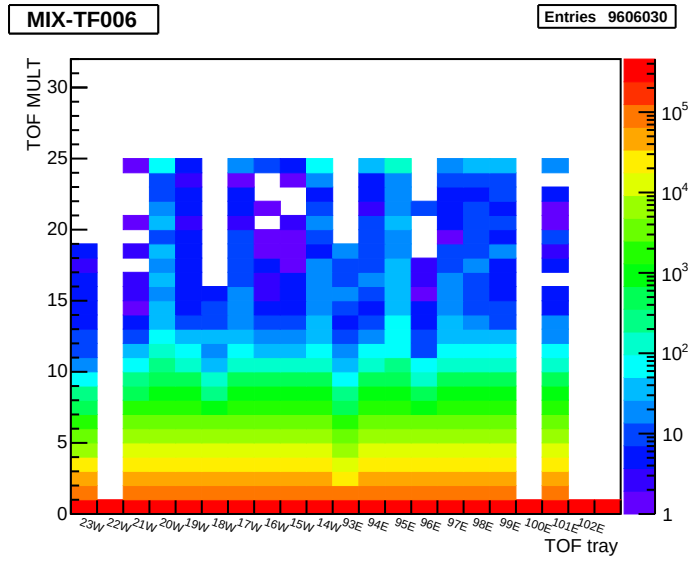

MIX-TF001
Entries 9606030
TOF MULT
TOF tray

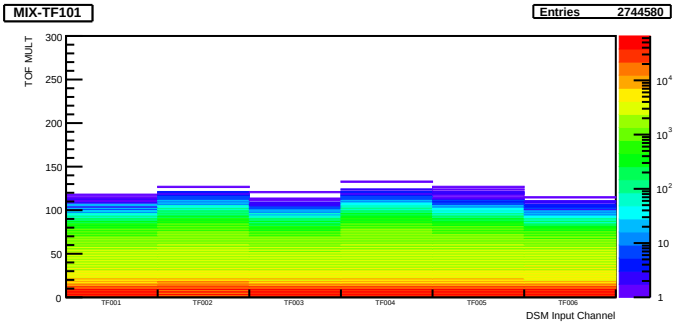

MIX-TF002
Entries 9606030
TOF MULT
TOF tray

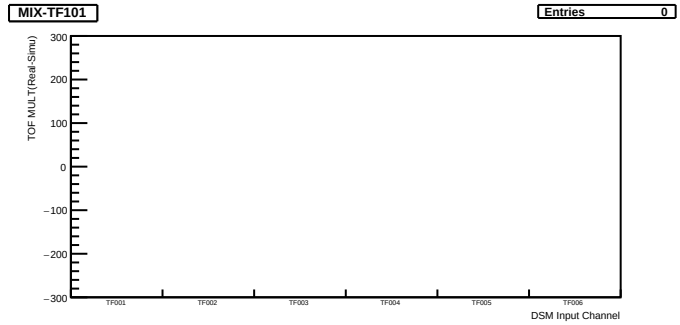

MIX-TF003
Entries 9606030
TOF MULT
TOF tray

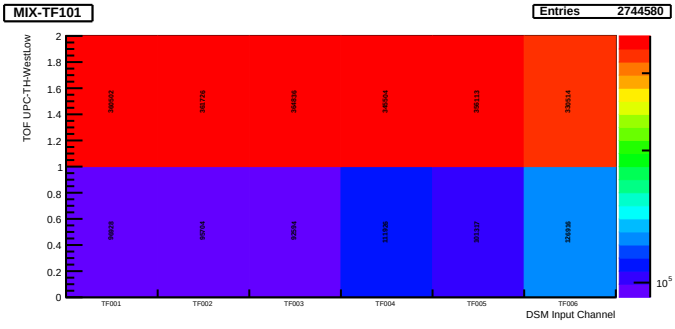

MIX-TF004
Entries 9606030
TOF MULT
TOF tray

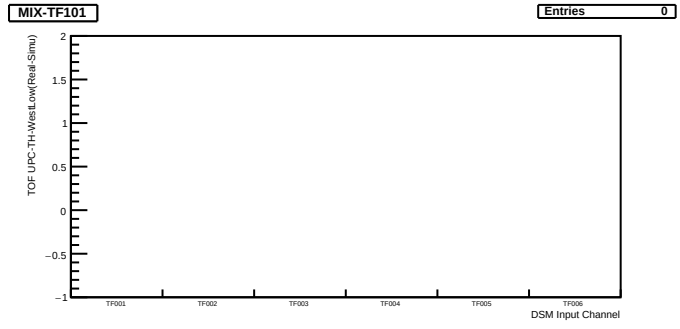

MIX-TF005
Entries 9606030
TOF MULT
TOF tray

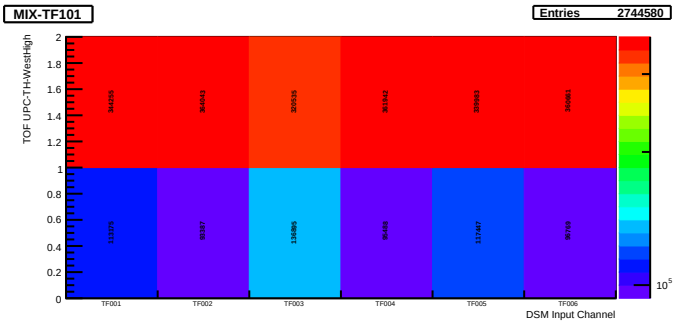

MIX-TF006
Entries 9606030
TOF MULT
TOF tray

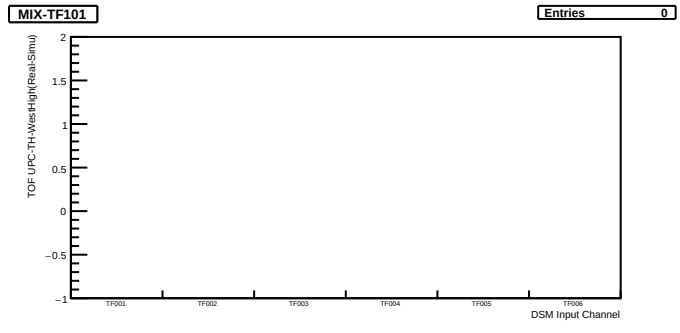

MIX-TF101
Entries 2744580
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

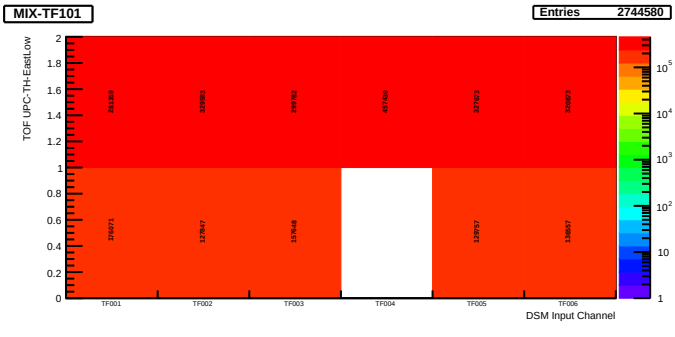

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

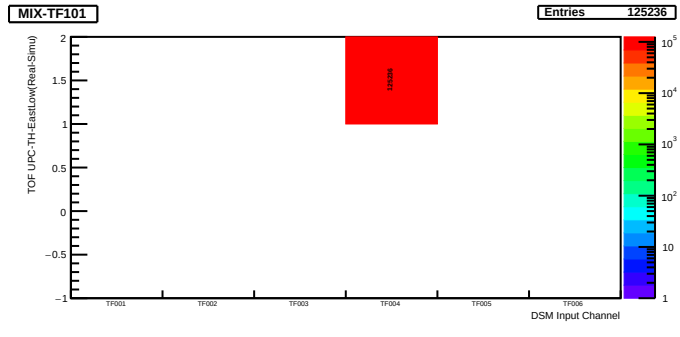

MIX-TF101
Entries 2744580
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

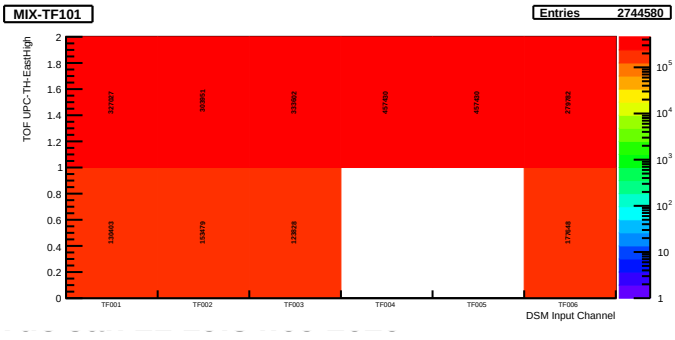

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

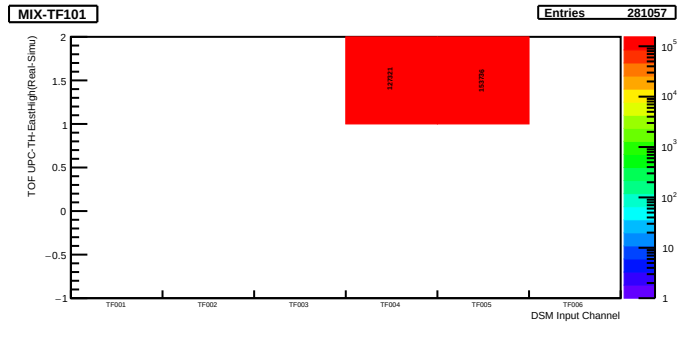

MIX-TF101
Entries 2744580
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

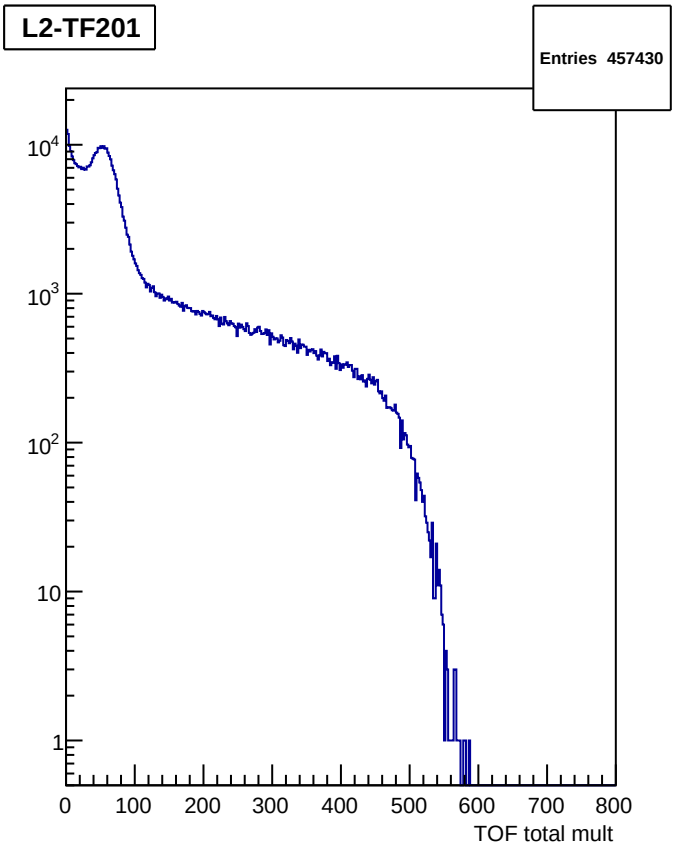

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

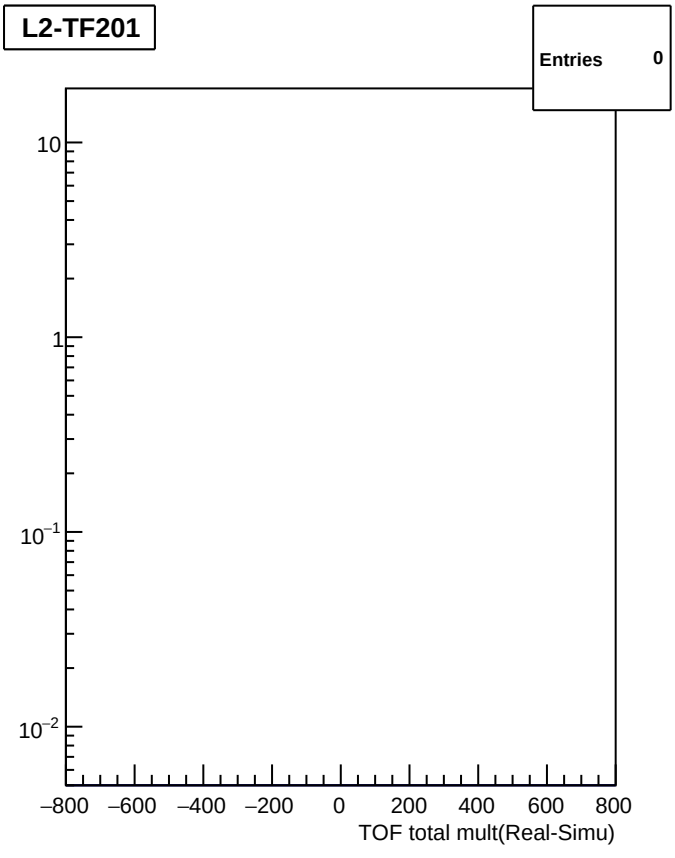

MIX-TF101
Entries 2744580
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

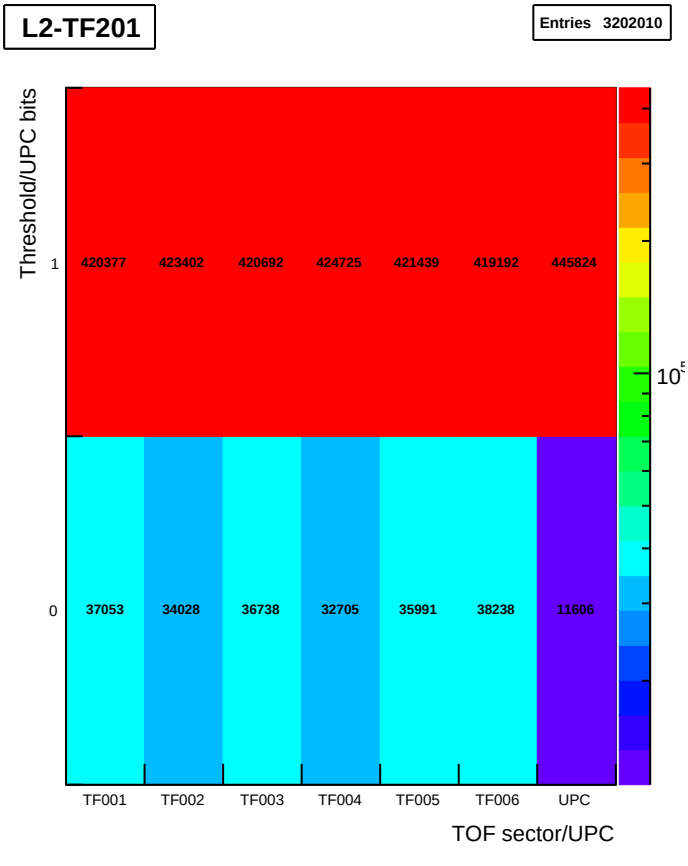

MIX-TF101
Entries 125236
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

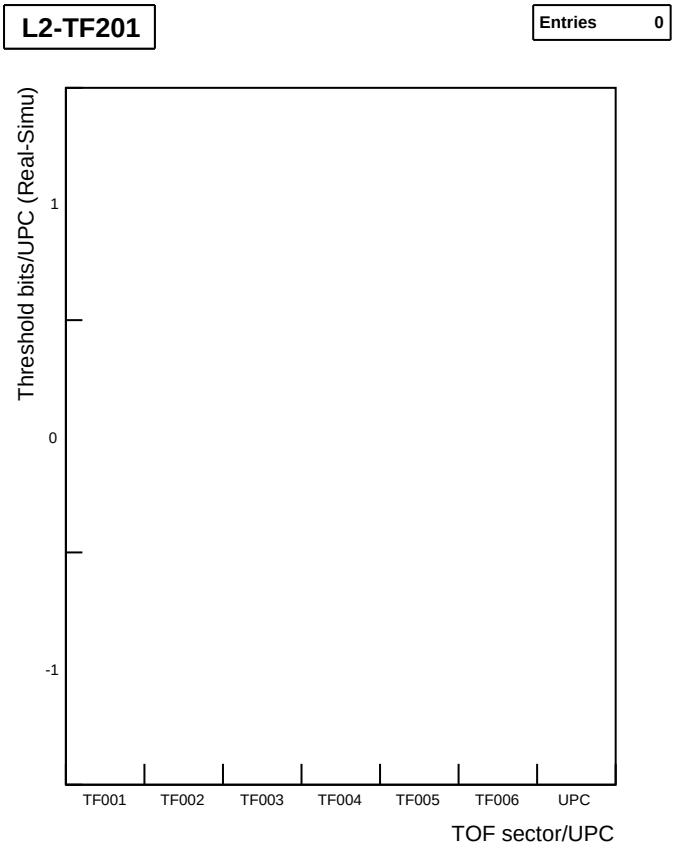

MIX-TF101
Entries 2744580
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

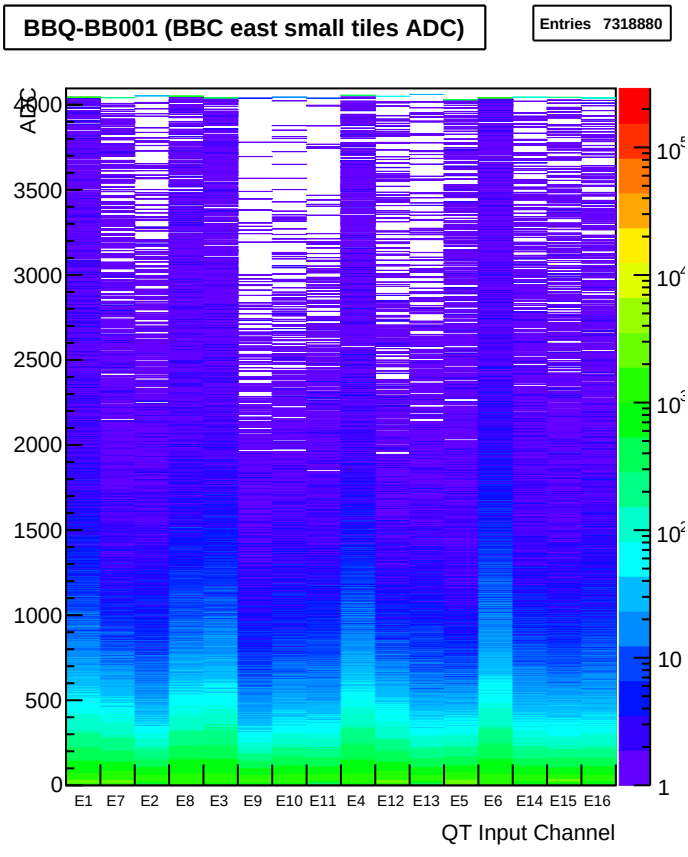

MIX-TF101
Entries 281057
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

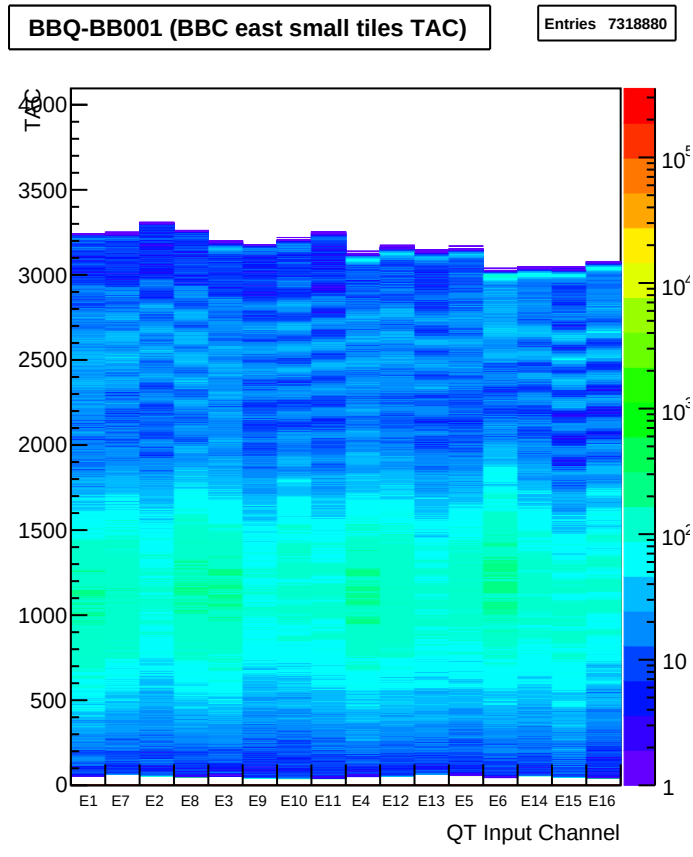

L2-TF201
Entries 457430
TOF total mult

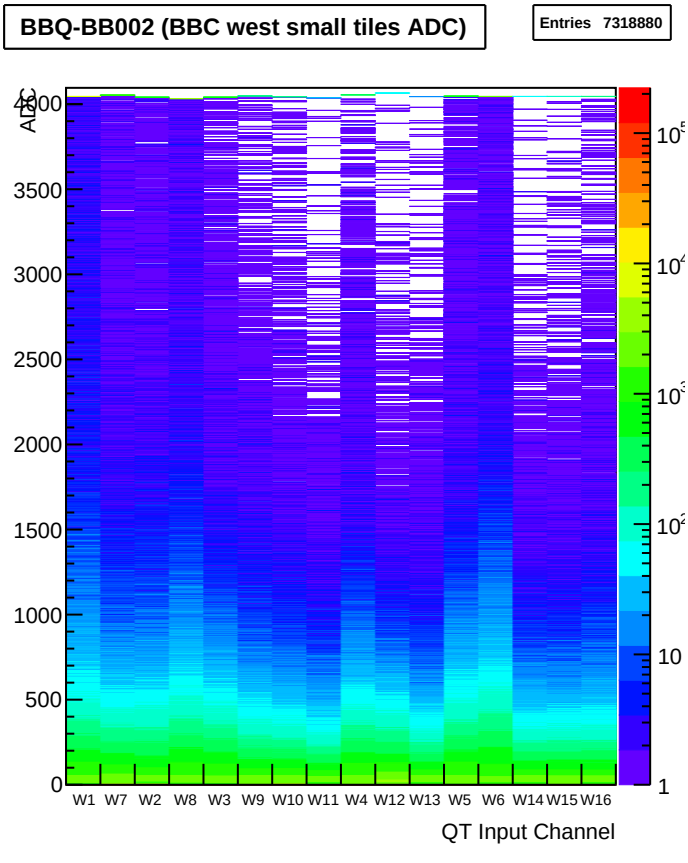

L2-TF201
Entries 0
TOF total mult(Real-Simu)

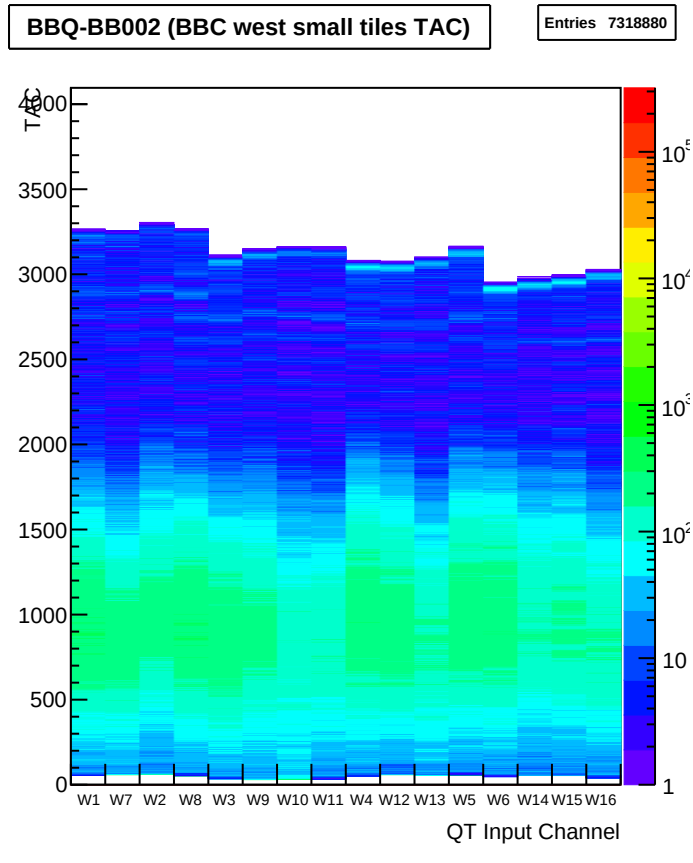

L2-TF201
Entries 3202010
Threshold/UPC bits
420377
423402
420692
424725
421439
419192
445824
37053
34028
36738
32705
35991
38238
11606
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

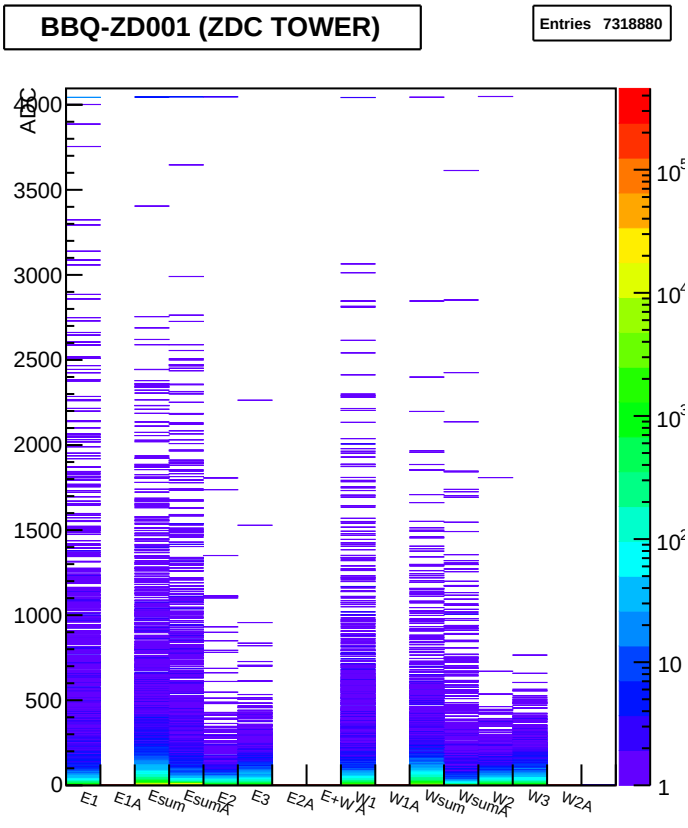

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

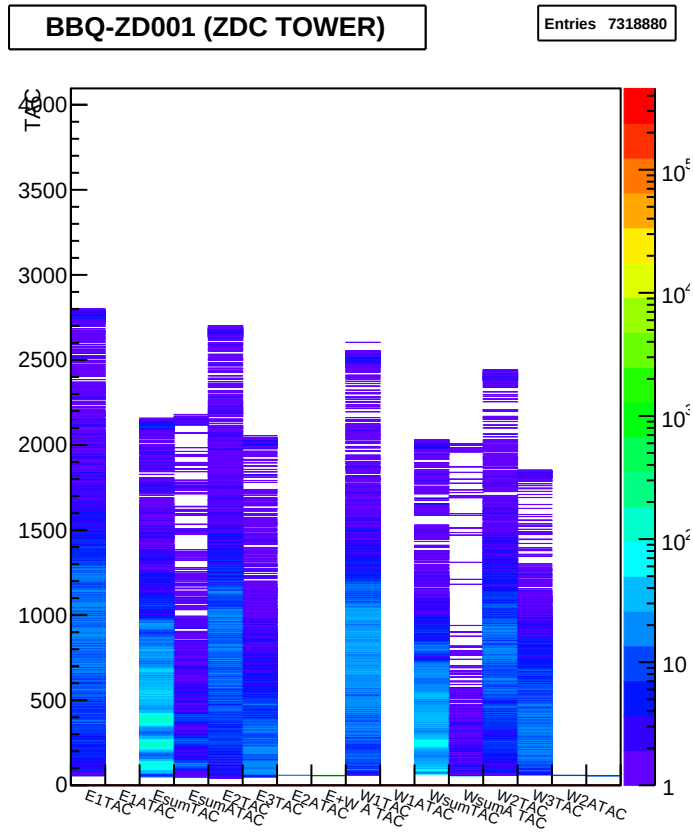

BBQ-BB001 (BBC east small tiles ADC)
Entries 7318880
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

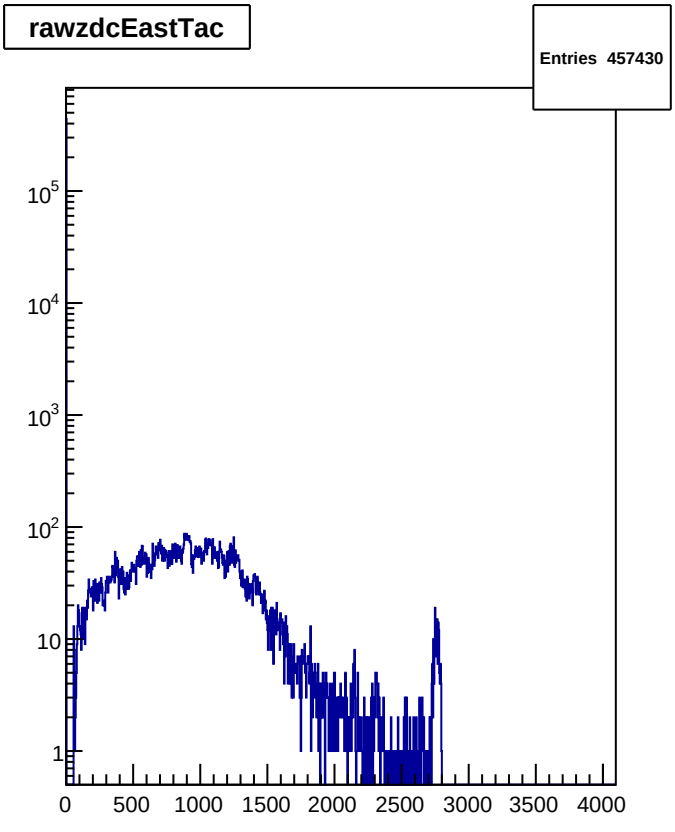

BBQ-BB001 (BBC east small tiles TAC)
Entries 7318880
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

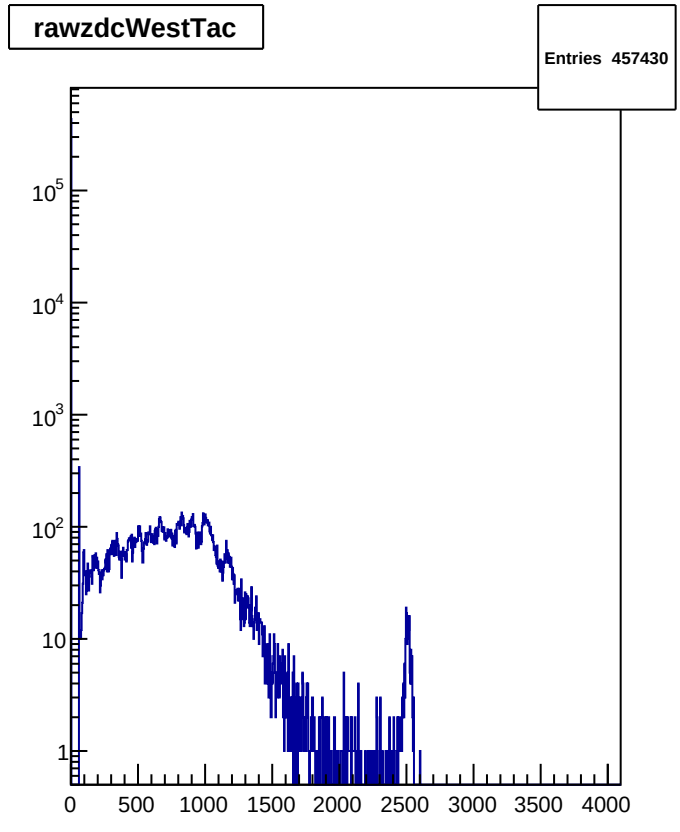

BBQ-BB002 (BBC west small tiles ADC)
Entries 7318880
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

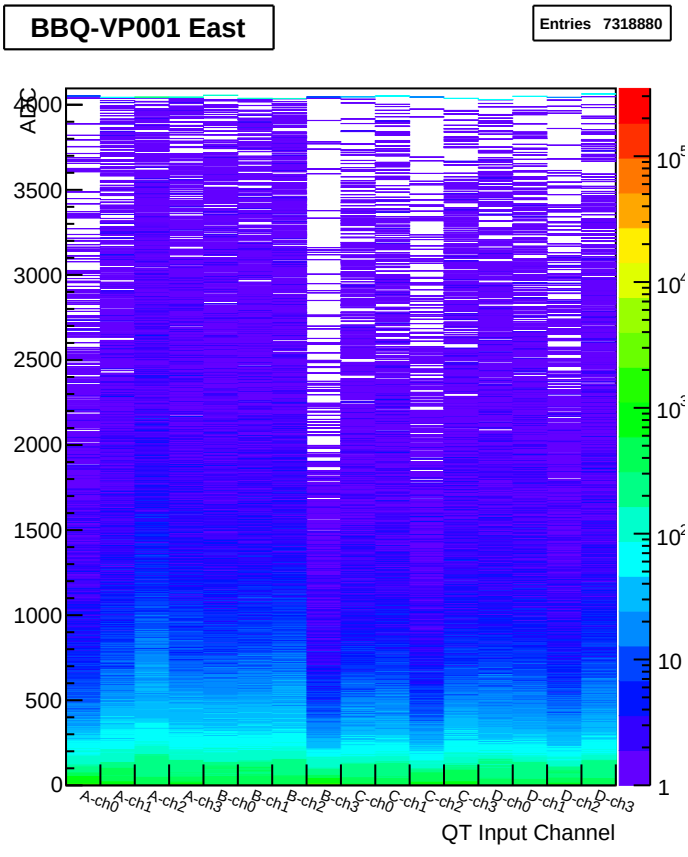

BBQ-BB002 (BBC west small tiles TAC)
Entries 7318880
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

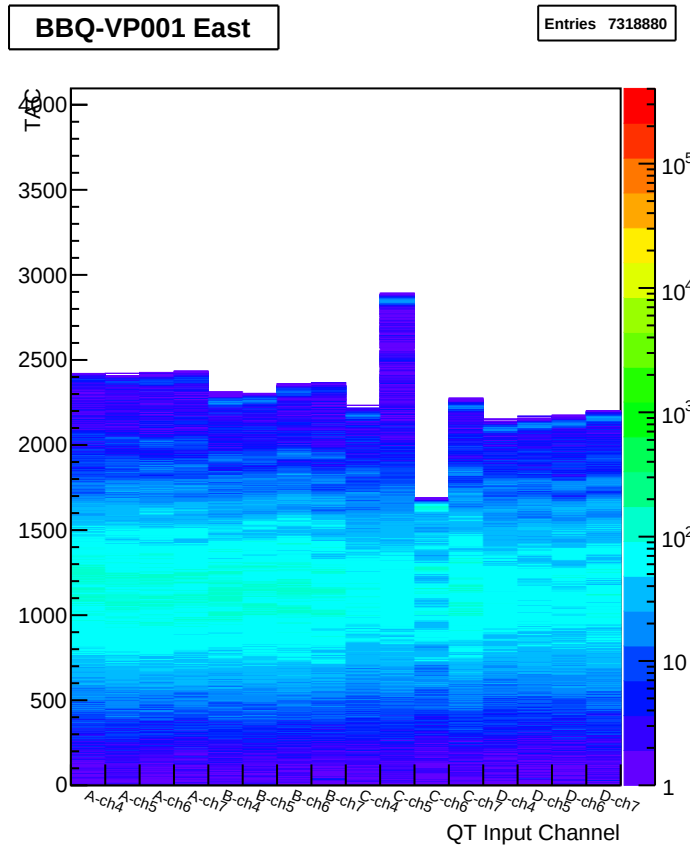

BBQ-ZD001 (ZDC TOWER)
Entries 7318880
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

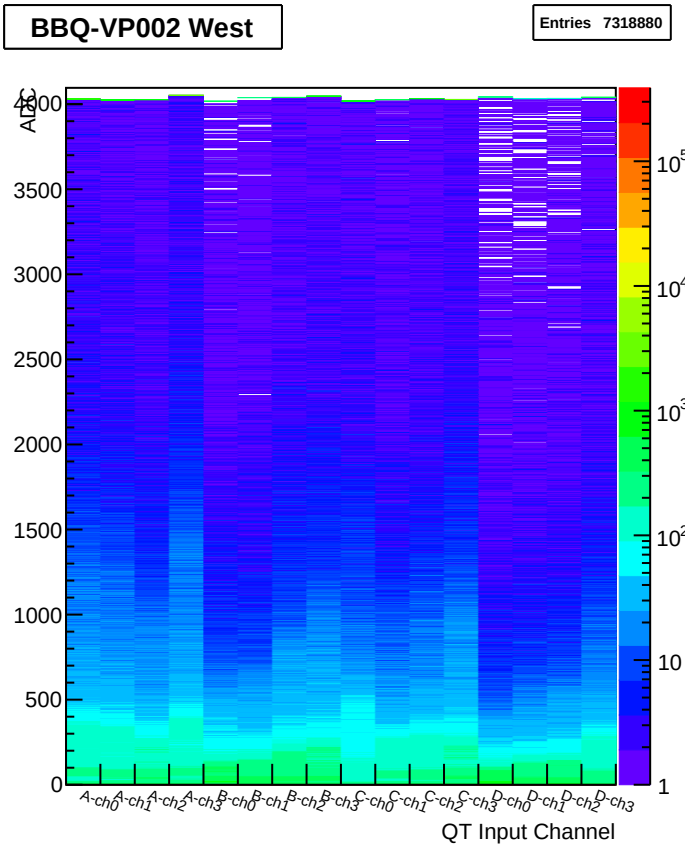

BBQ-ZD001 (ZDC TOWER)
Entries 7318880
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

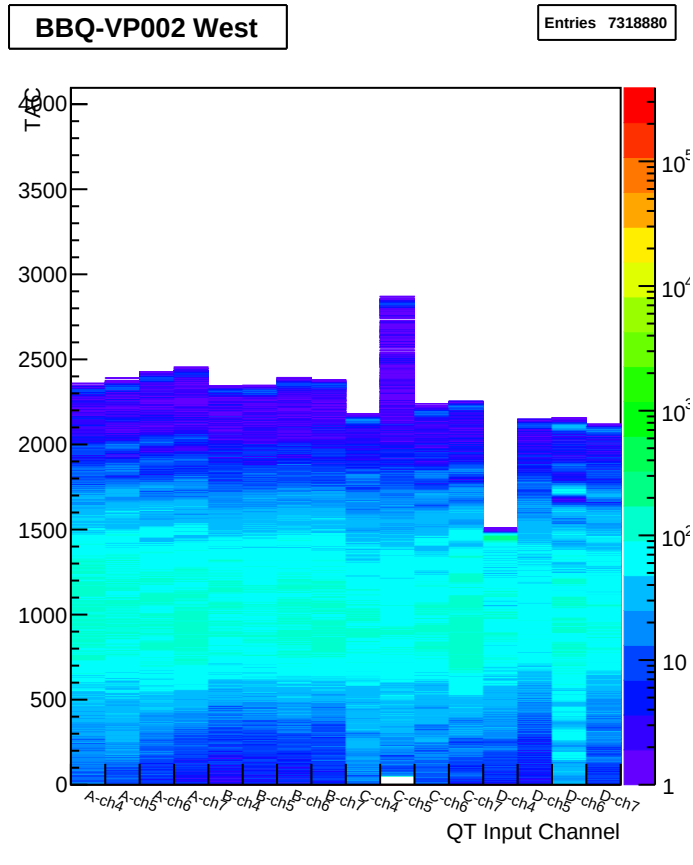

rawzdcEastTac
Entries 457430

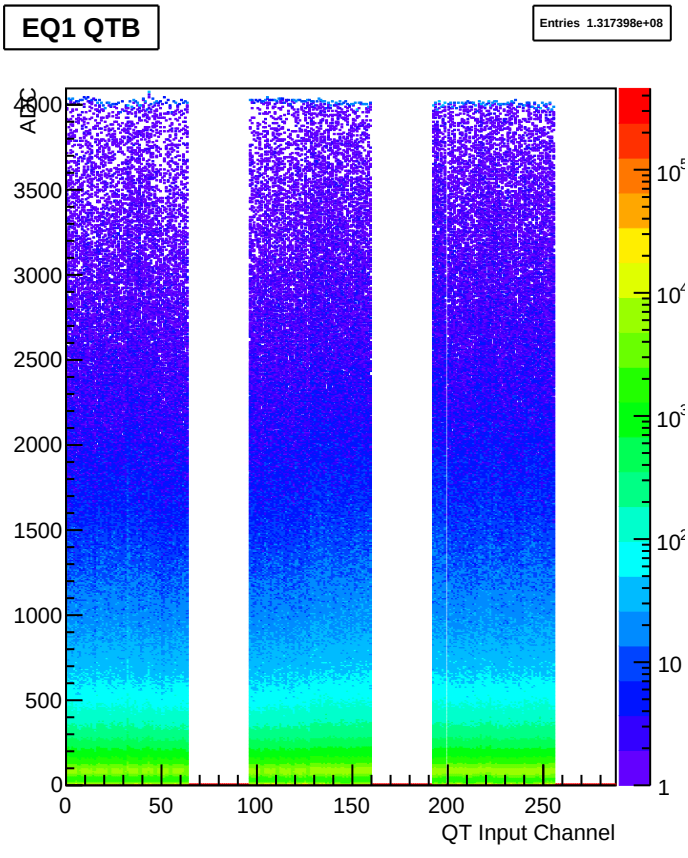

rawzdcWestTac
Entries 457430

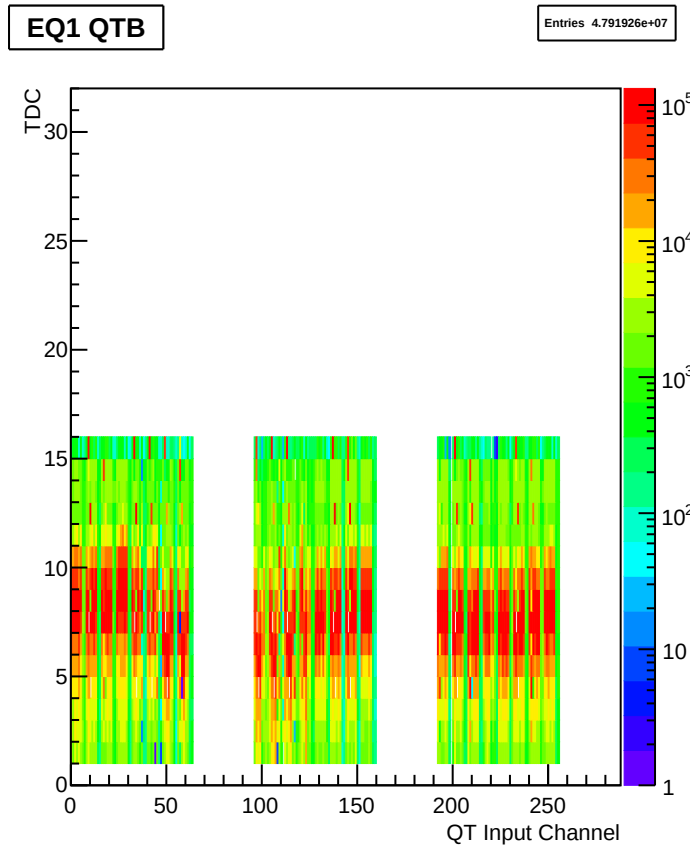

BBQ-VP001 East
Entries 7318880
ADC
QT Input Channel

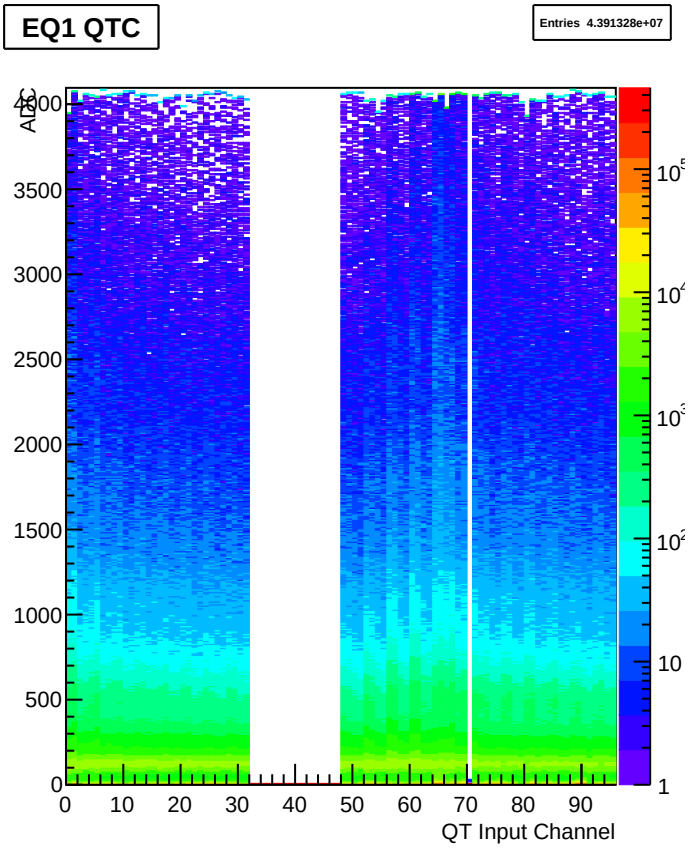

BBQ-VP001 East
Entries 7318880
TADC
QT Input Channel

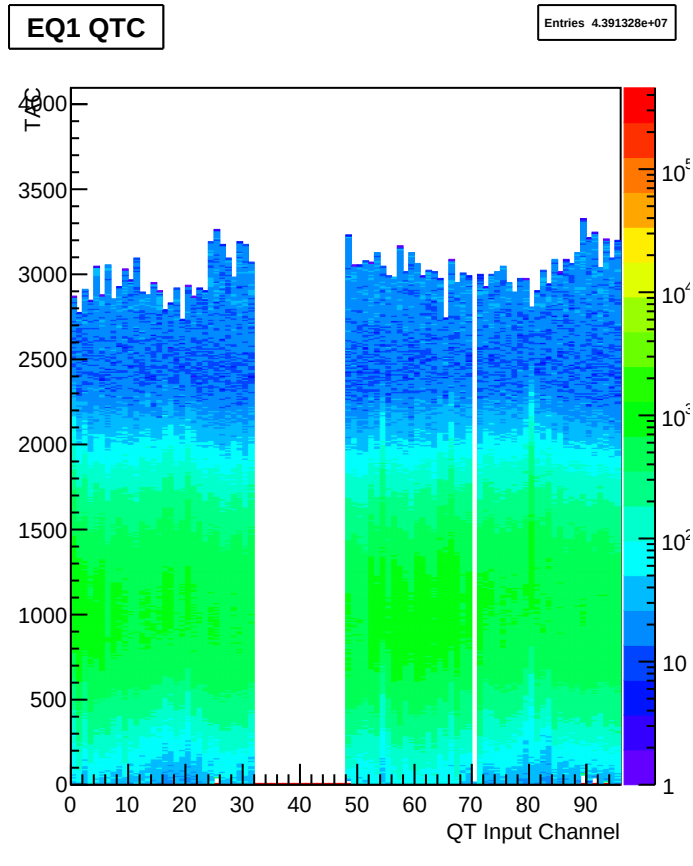

BBQ-VP002 West
Entries 7318880
ADC
QT Input Channel

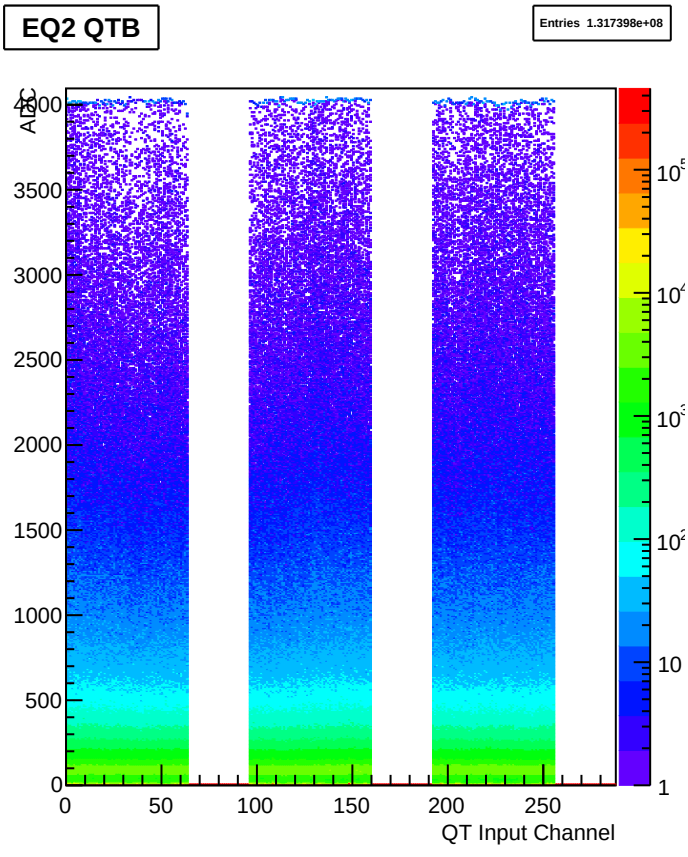

BBQ-VP002 West
Entries 7318880
TADC
QT Input Channel

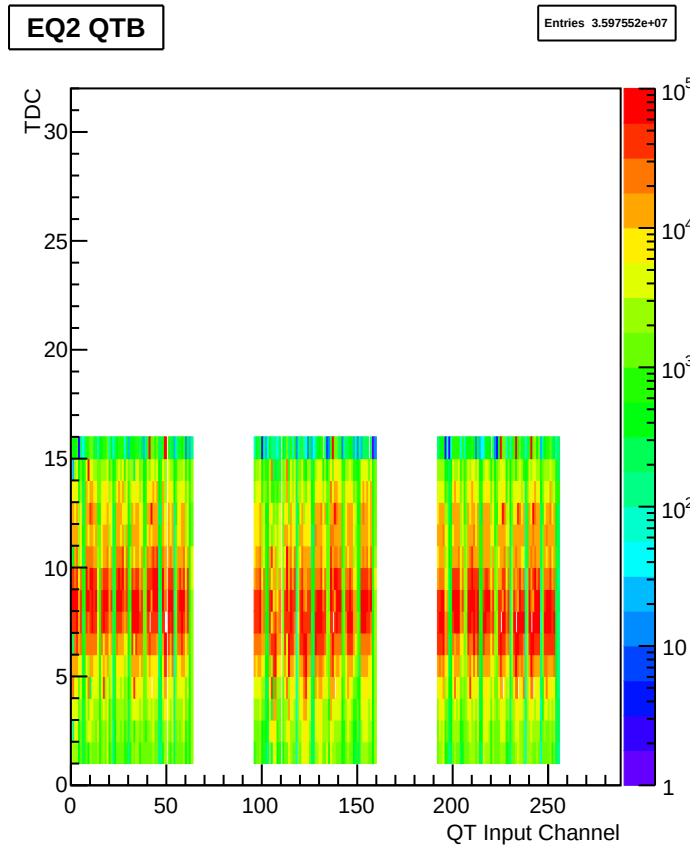

EQ1 QTB
Entries 1.317398e+08
ADC
QT Input Channel

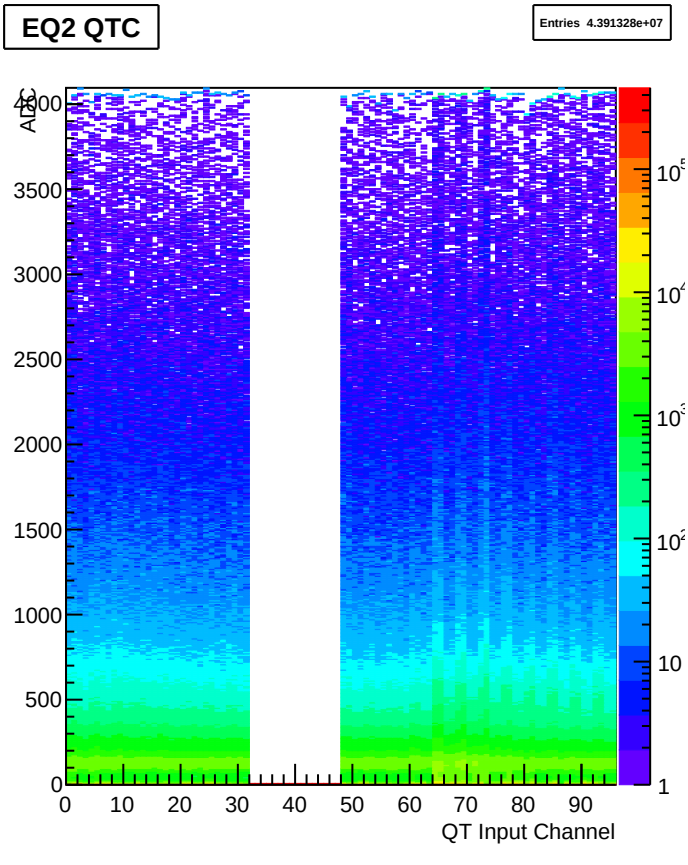

EQ1 QTB
Entries 4.791926e+07
TDC
QT Input Channel

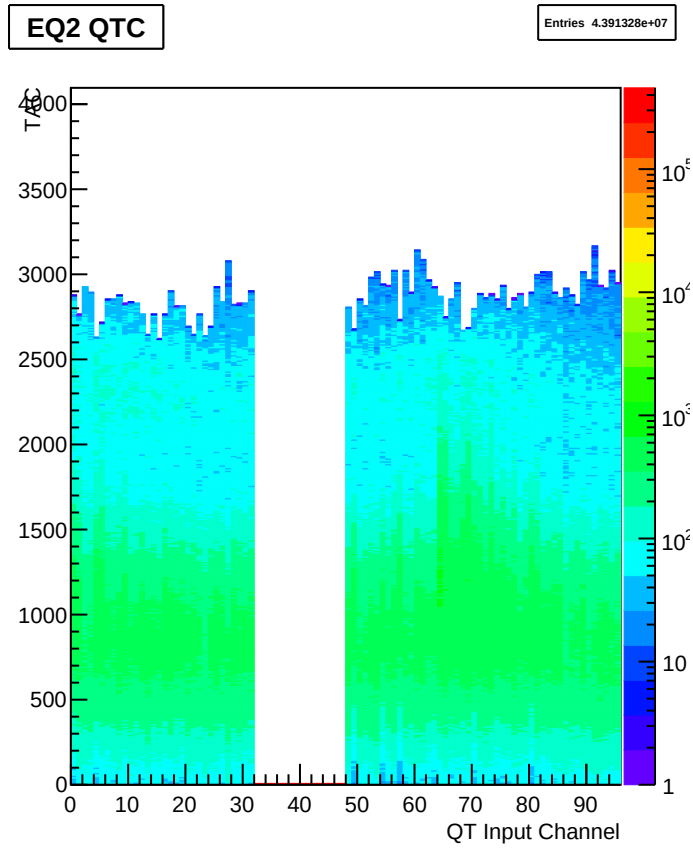

EQ1 QTC
Entries 4.391328e+07
ADC
QT Input Channel

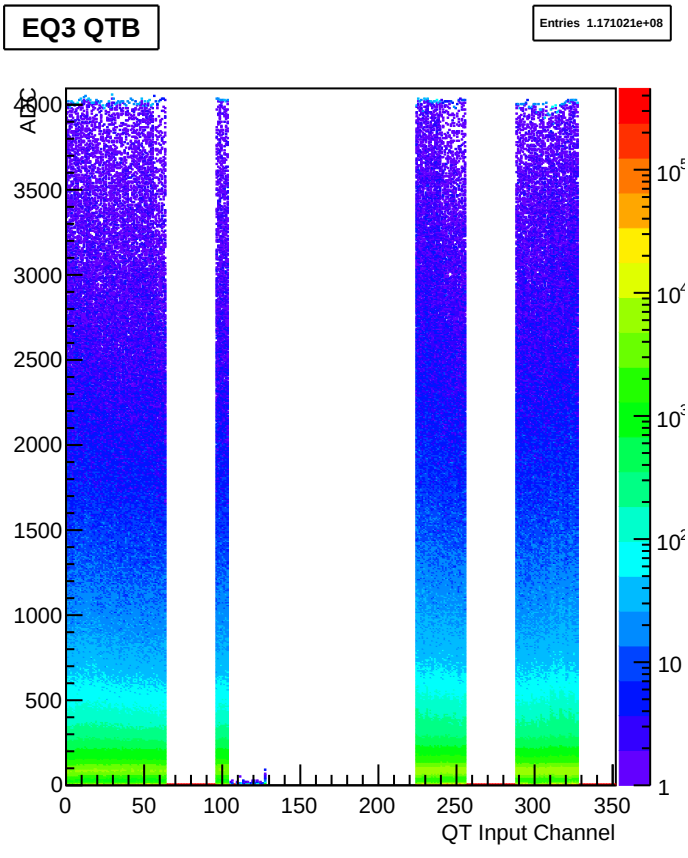

EQ1 QTC
Entries 4.391328e+07
TADC
QT Input Channel

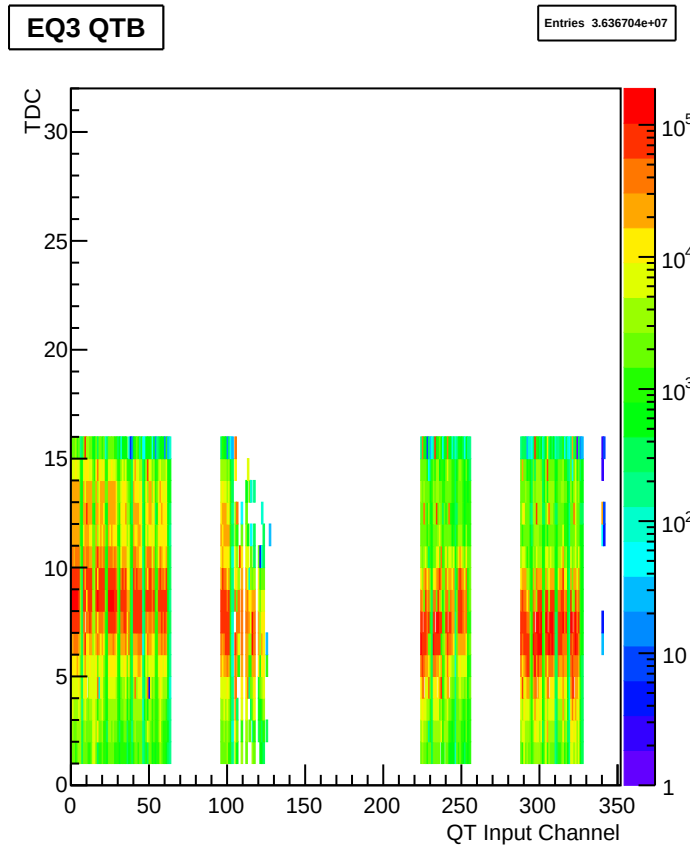

EQ2 QTB
Entries 1.317398e+08
ADC
QT Input Channel

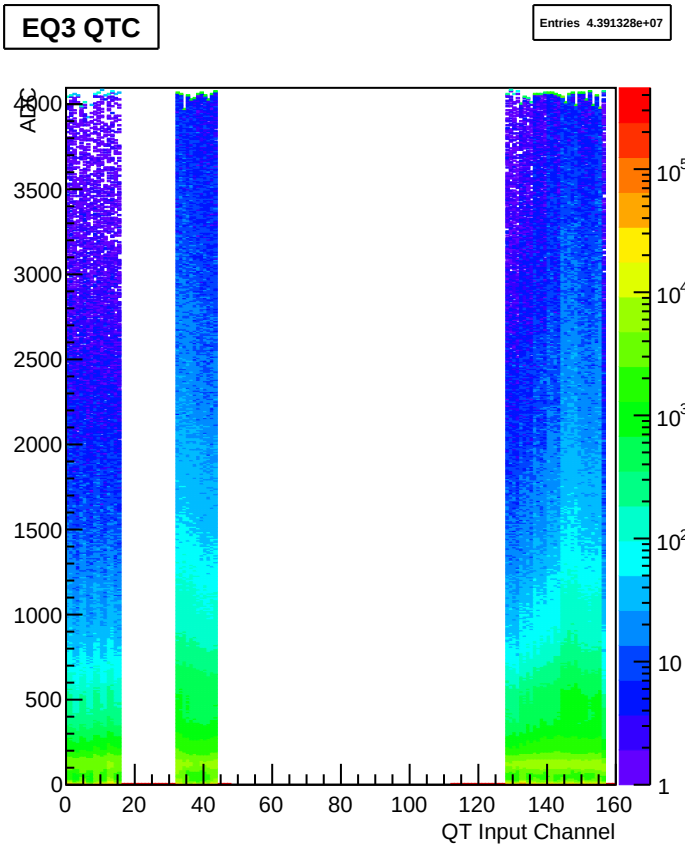

EQ2 QTB
Entries 3.597552e+07
TDC
QT Input Channel

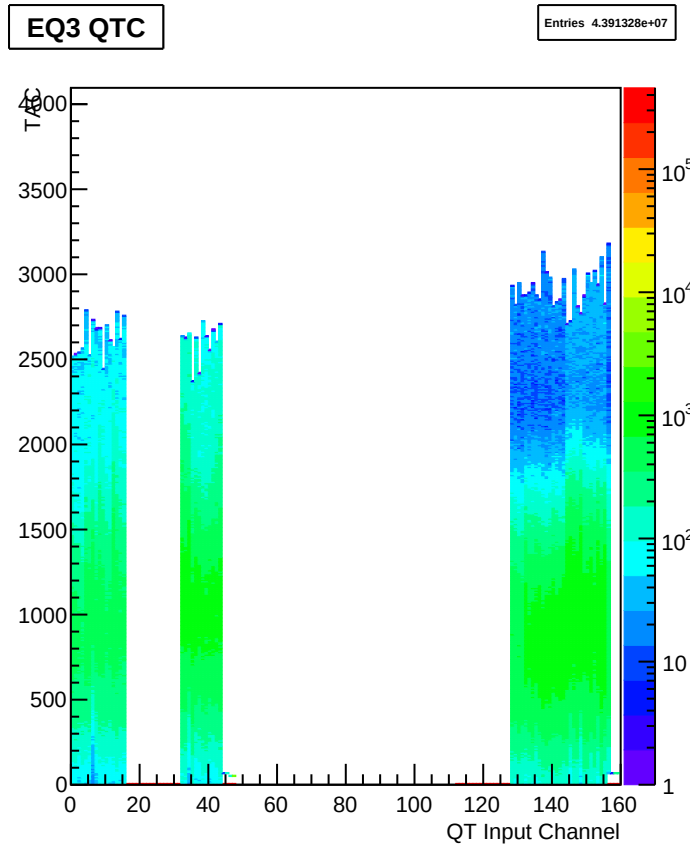

EQ2 QTC
Entries 4.391328e+07
ADC
QT Input Channel

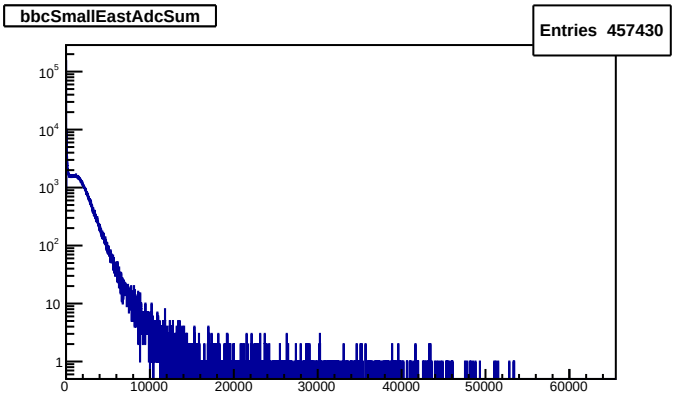

EQ2 QTC
Entries 4.391328e+07
TADC
QT Input Channel

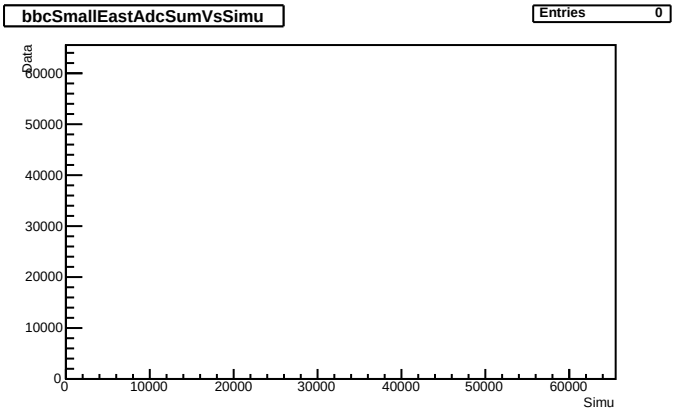

EQ3 QTB
Entries 1.171021e+08
ADC
QT Input Channel

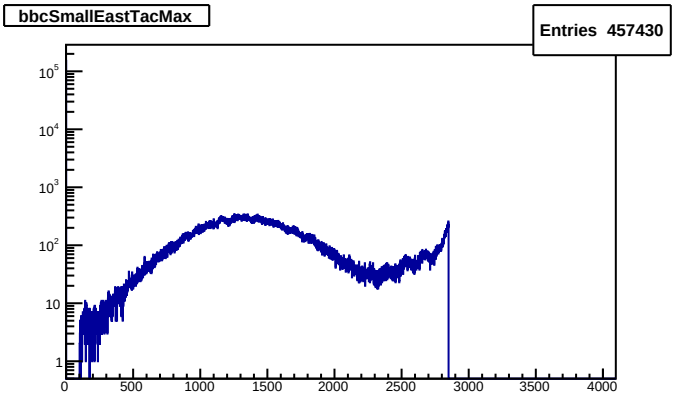

EQ3 QTB
Entries 3.636704e+07
TDC
QT Input Channel

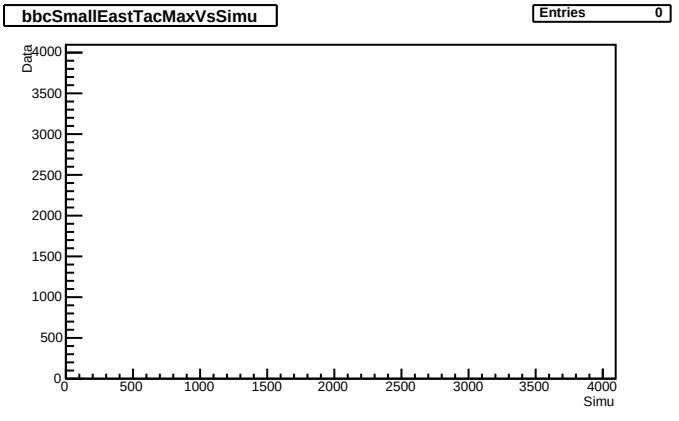

EQ3 QTC
Entries 4.391328e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.391328e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 457430


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 457430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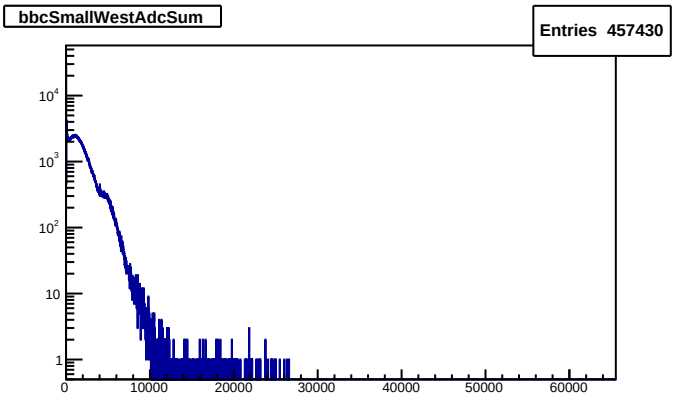
Simu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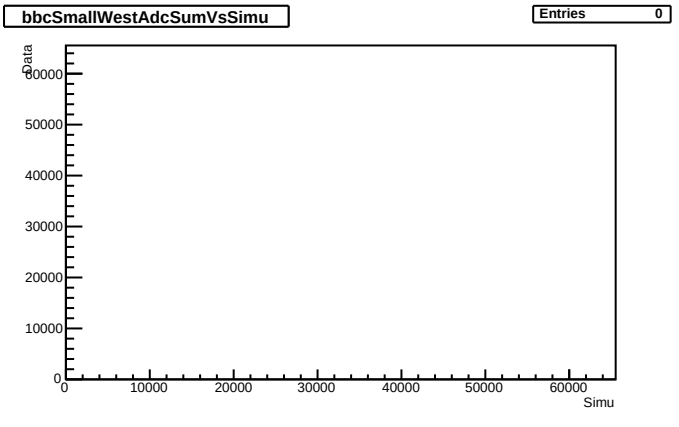
Entries 457430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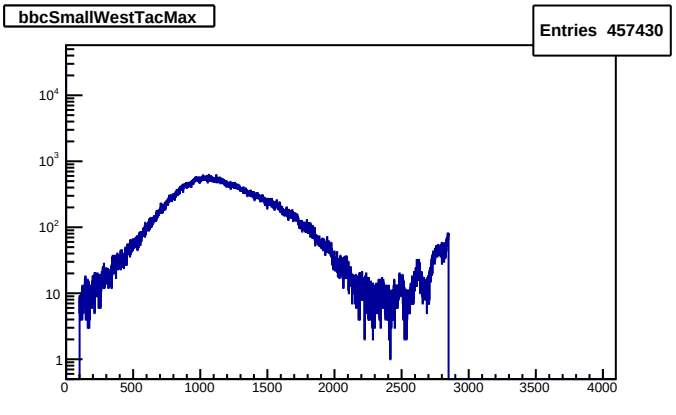
Simu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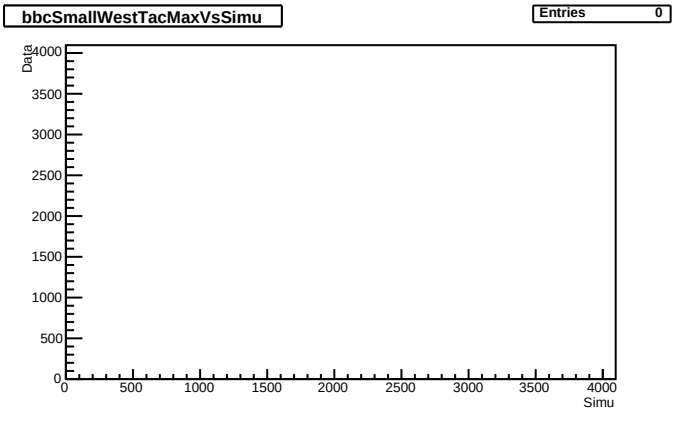
Entries 457430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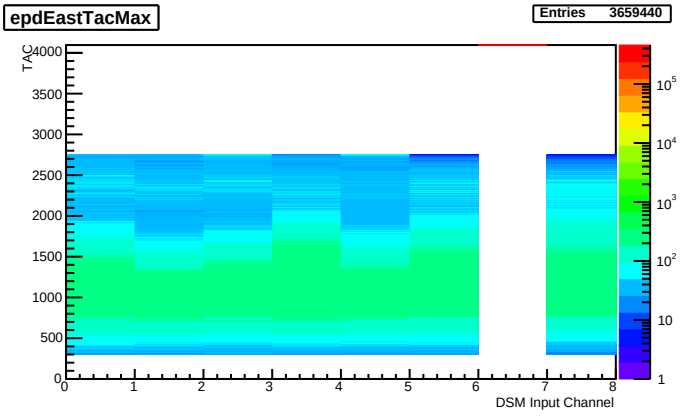
Entries 0
Data
Simu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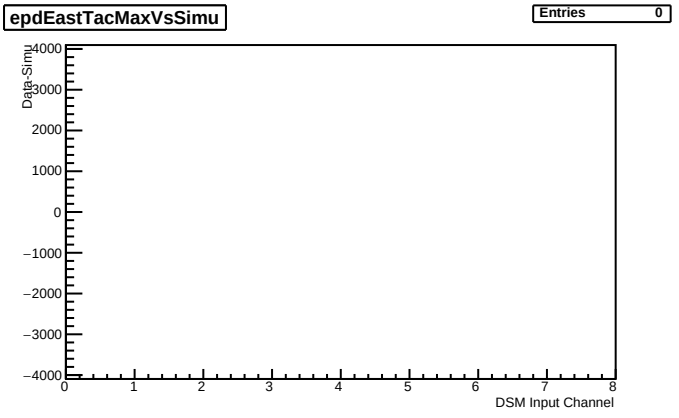
TAC
DSM Input Channel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Entries 0
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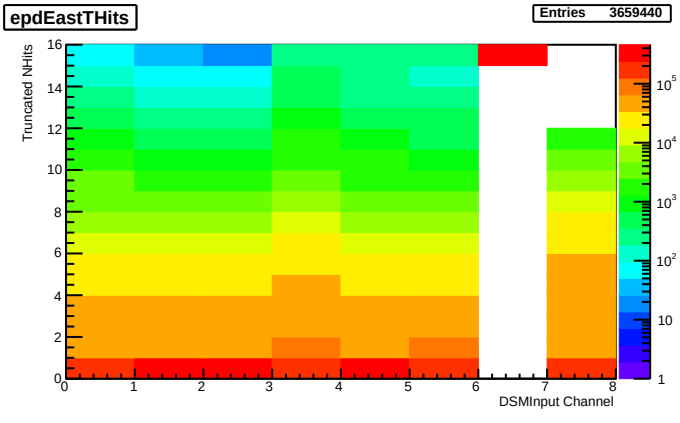
DSM Input Channel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Entries 3659440
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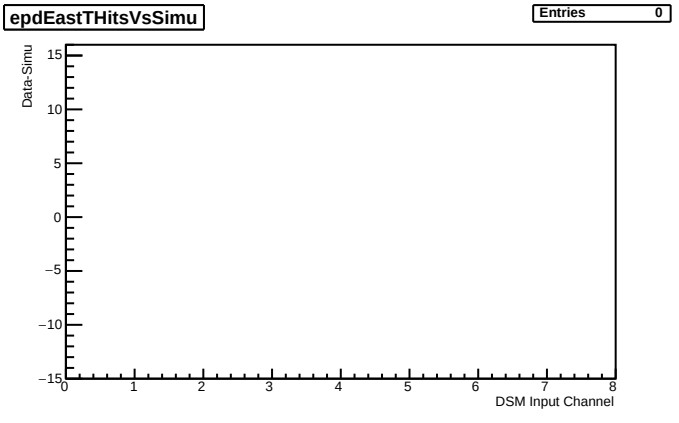
DSMInput Channel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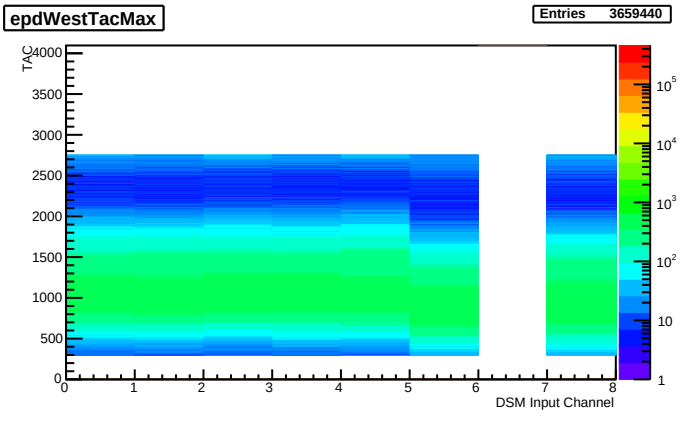
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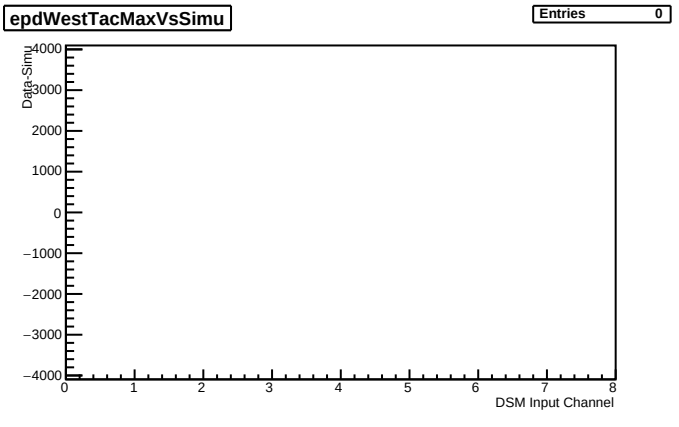
DSM Input Channel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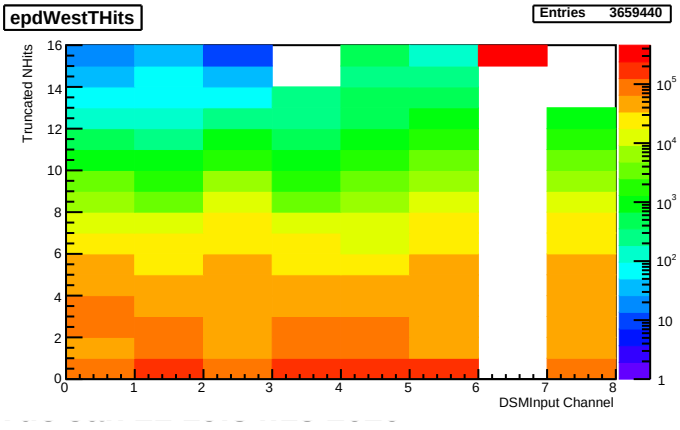
DSM Input Channel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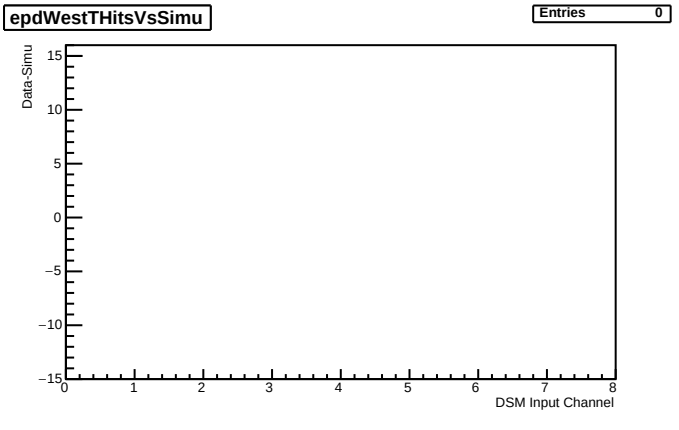
Entries 3659440
Truncated NHits
DSMInput Channel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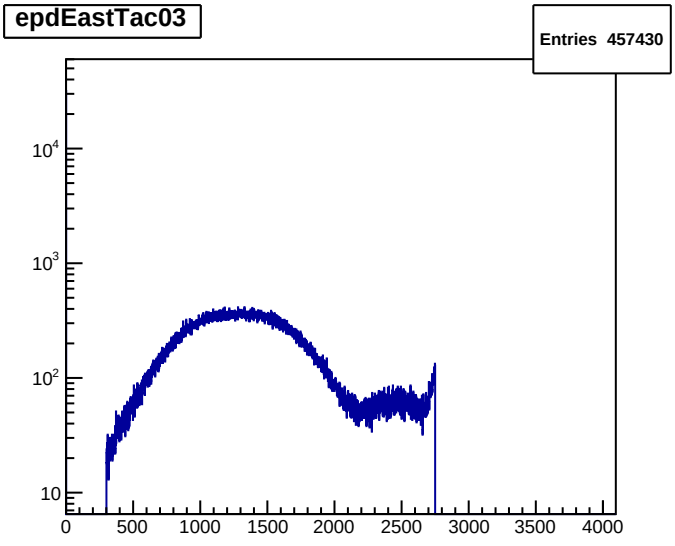
DSM Input Channel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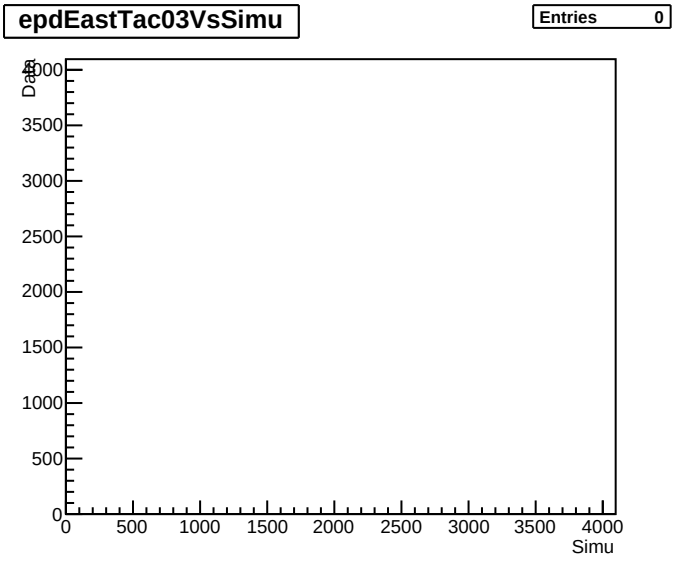
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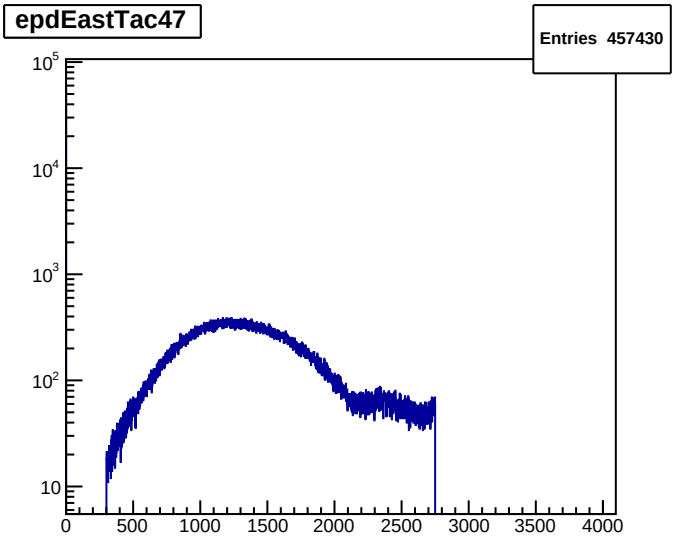
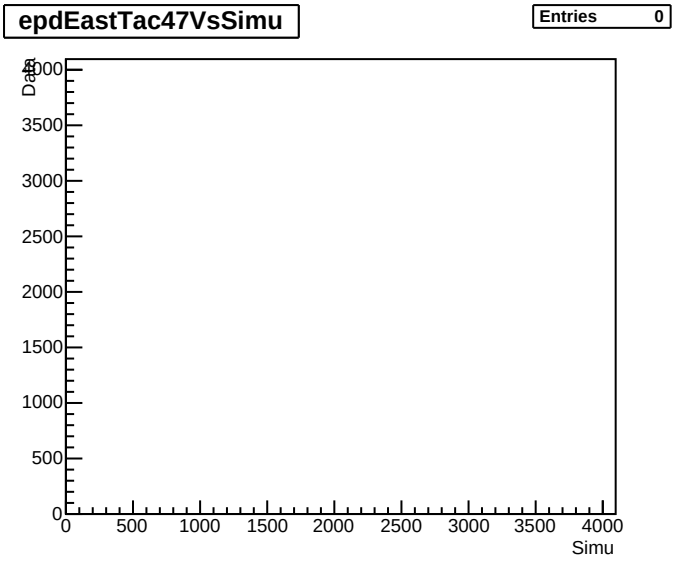
Entries 0
Data
Simu


epdEastTac47
Entries 457430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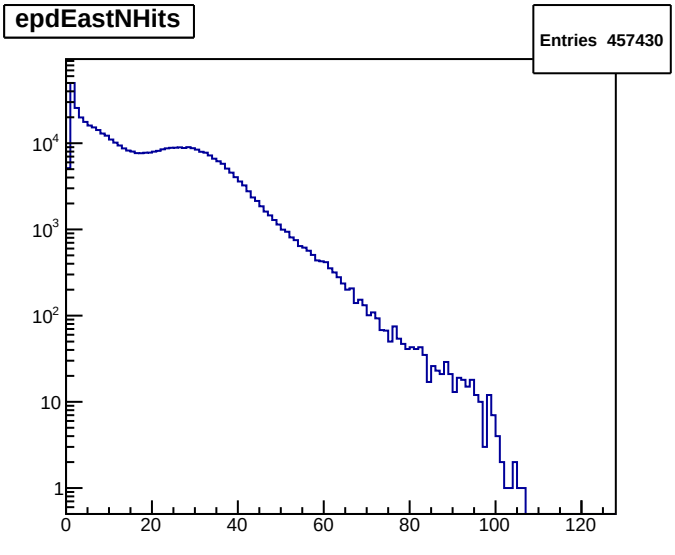
Entries 0
Data
Simu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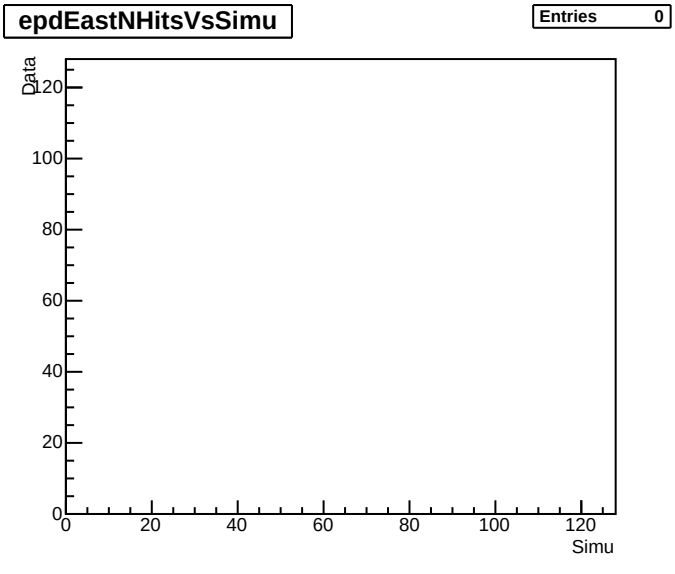
Entries 457430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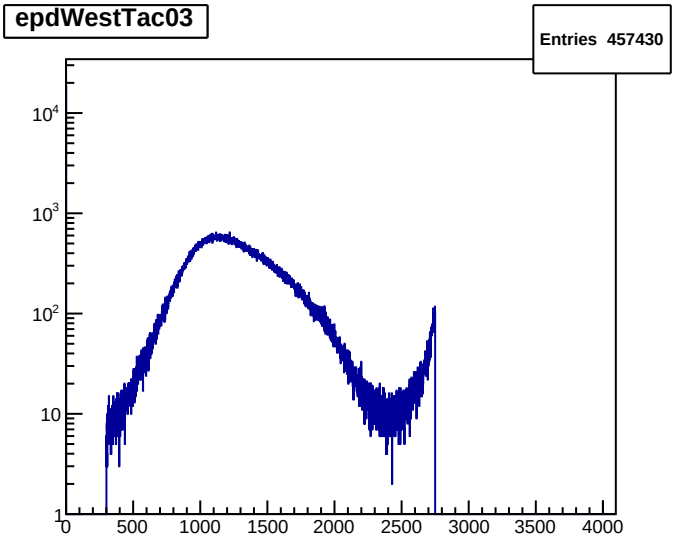
Entries 0
Data
Simu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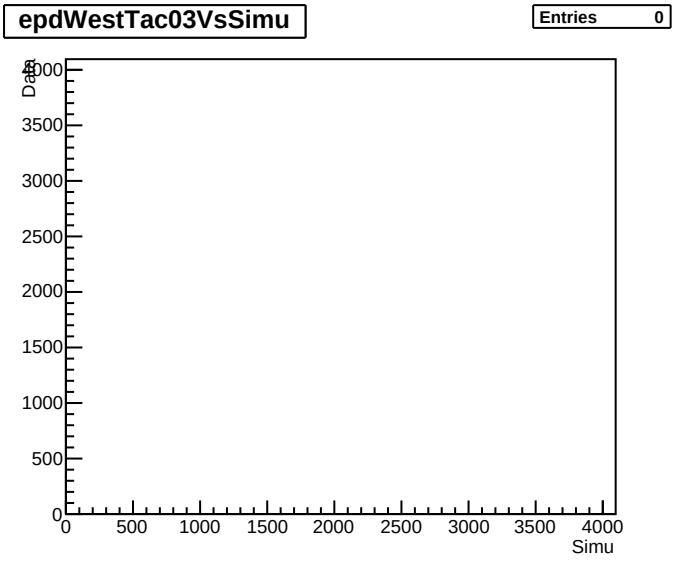
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Entries 0
Data
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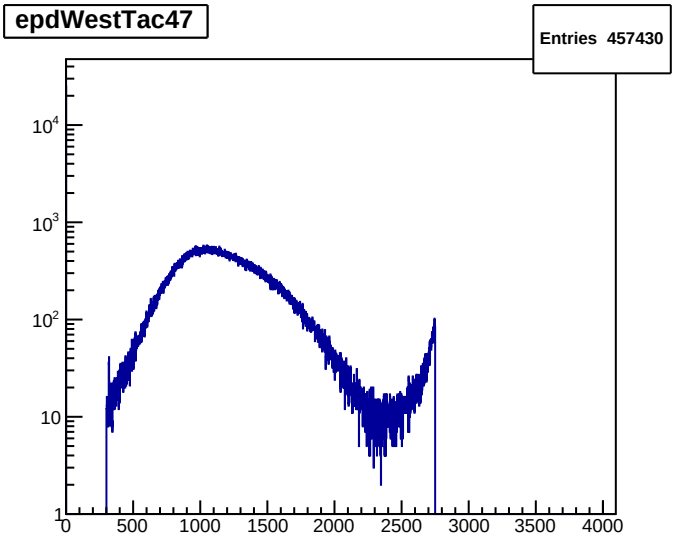
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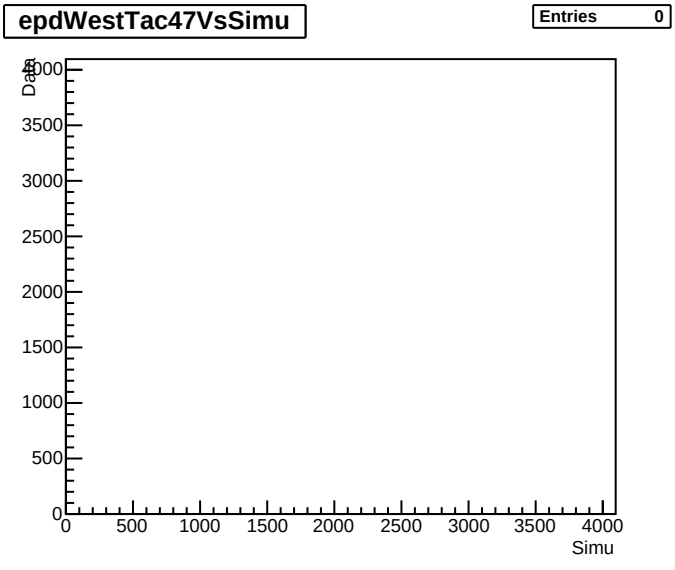
Entries 457430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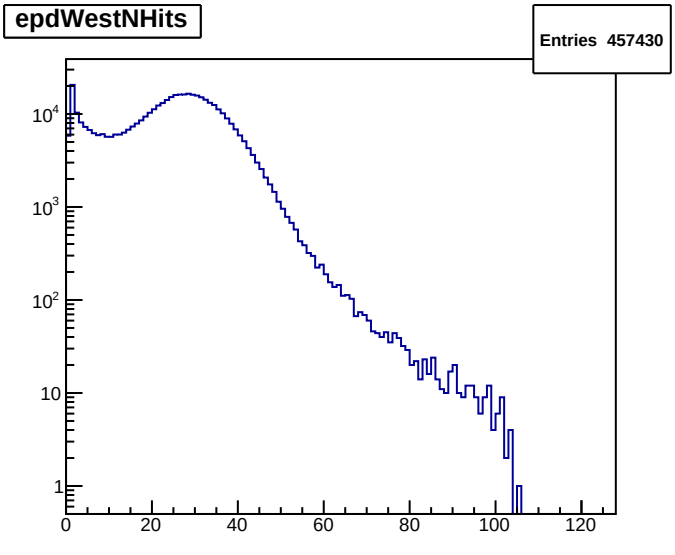
Entries 0
Data
Simu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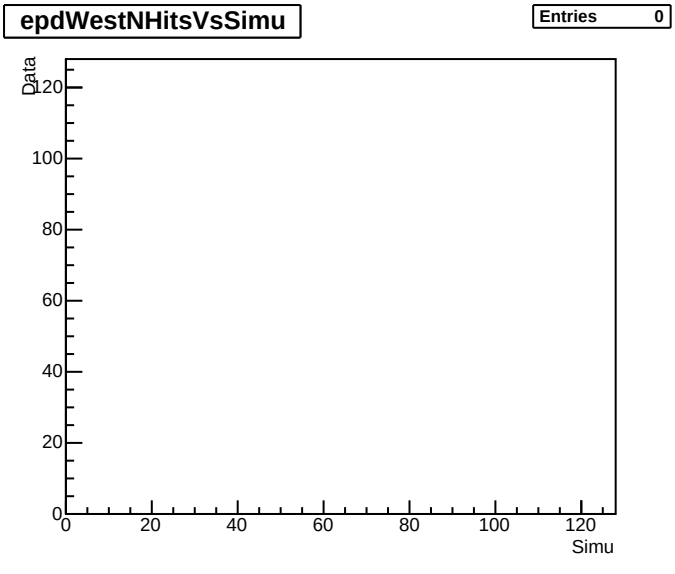
Entries 457430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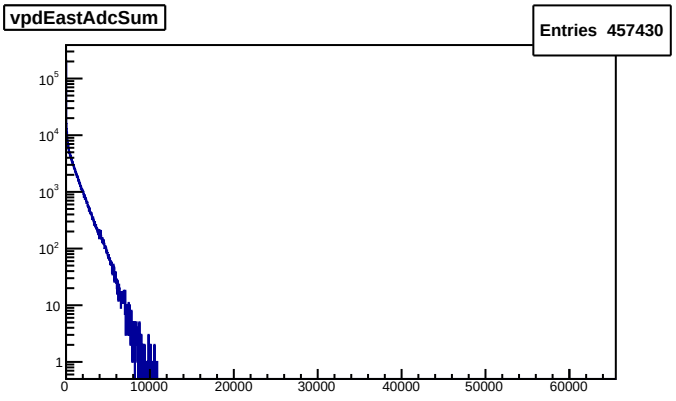
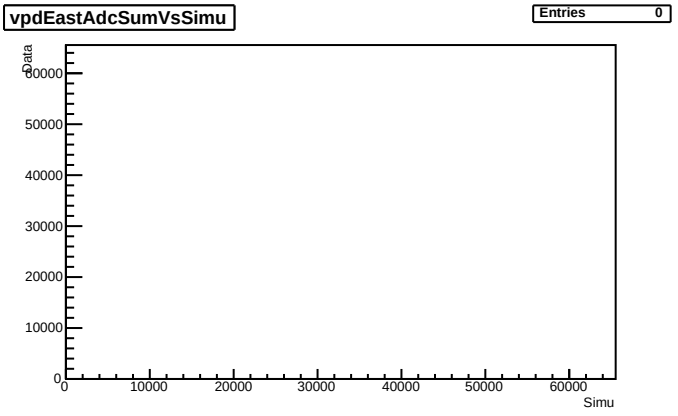
Entries 0
Data
Simu


vpdEastAdcSum
Entries 457430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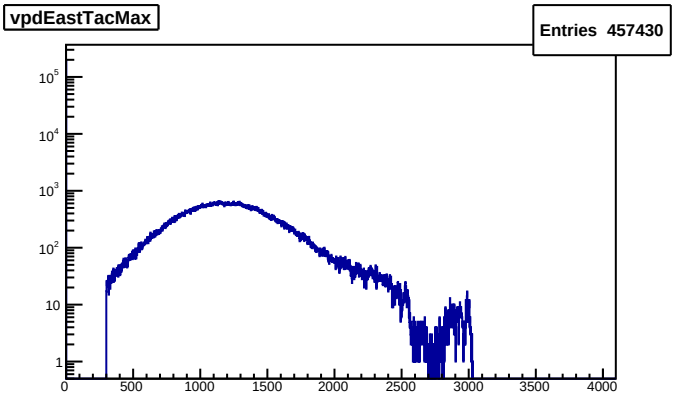
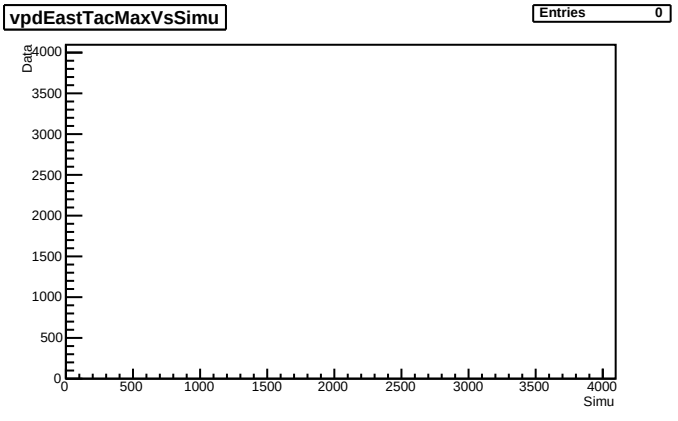
Entries 0
Data
Simu


vpdEastTacMax
Entries 457430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Entries 0
Data
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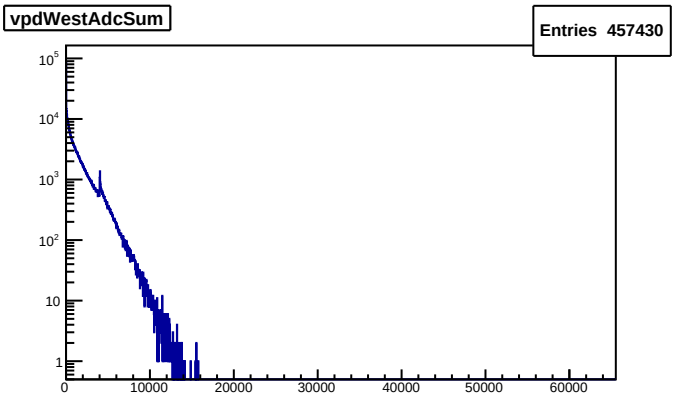
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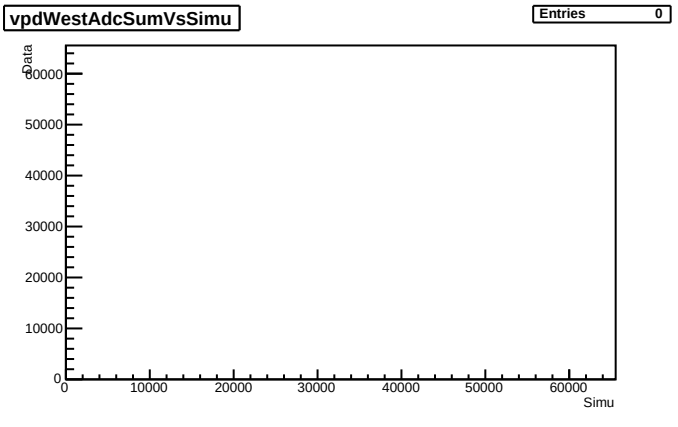
Entries 457430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Entries 0
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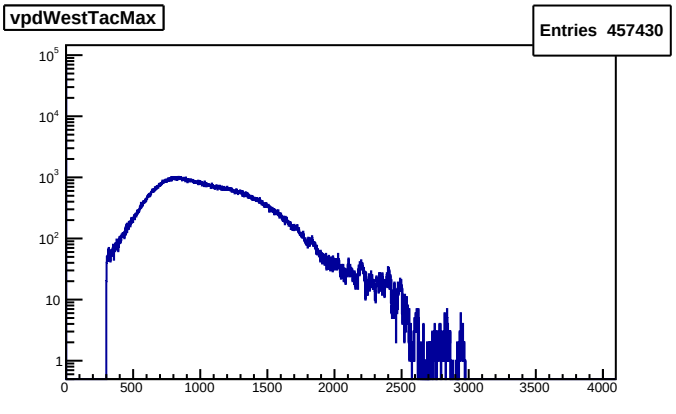
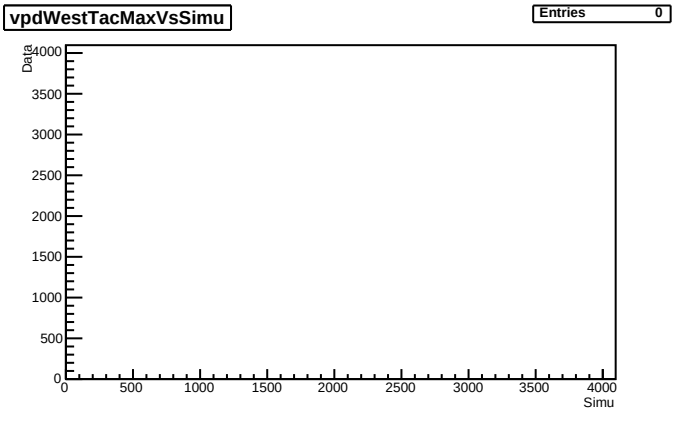
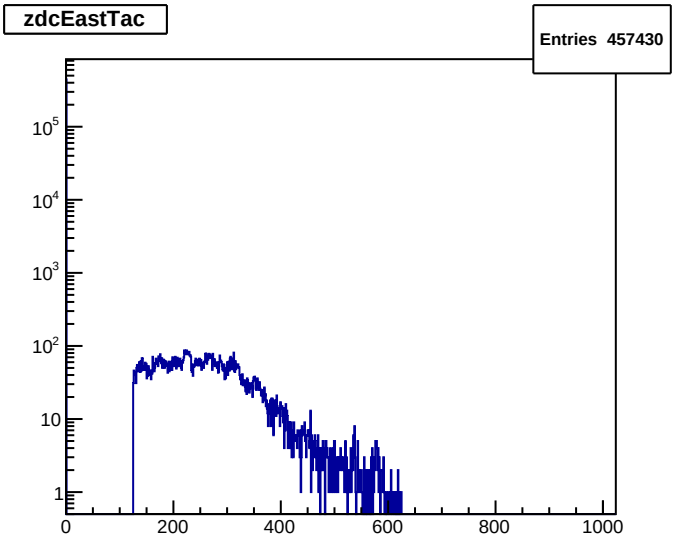
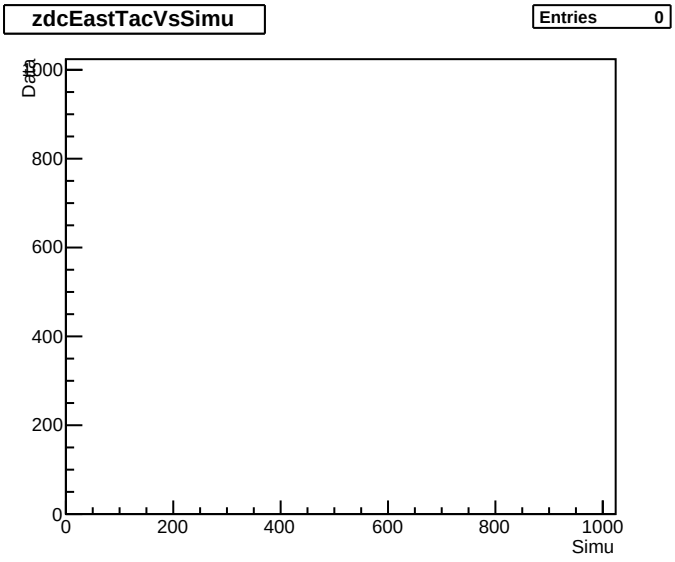
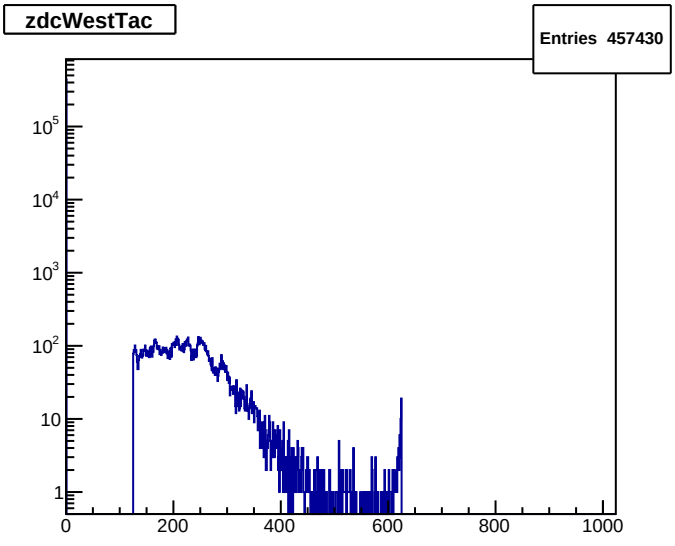
Simu

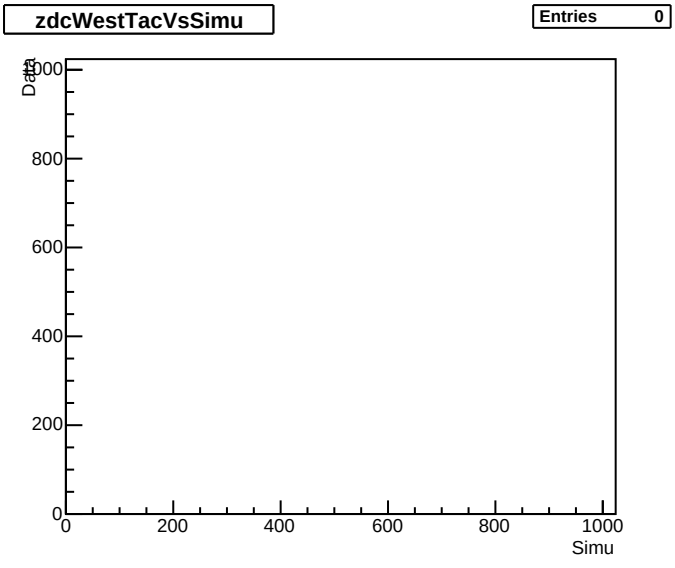

vpdWestTacMax
Entries 457430

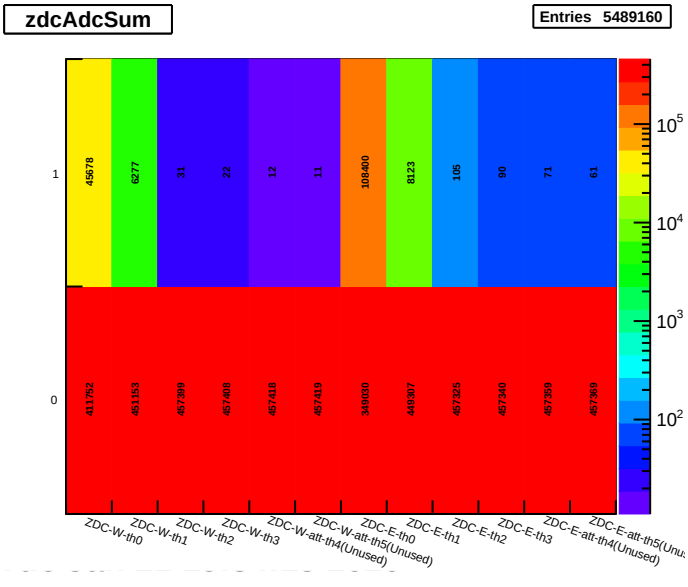

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 457430
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 457430
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 5489160
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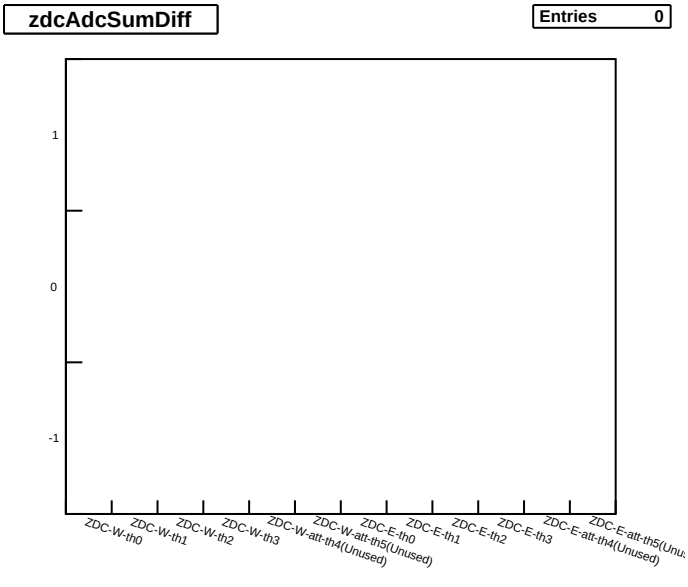
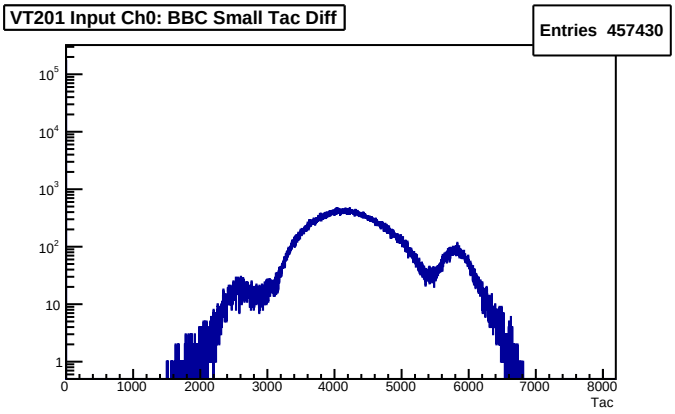
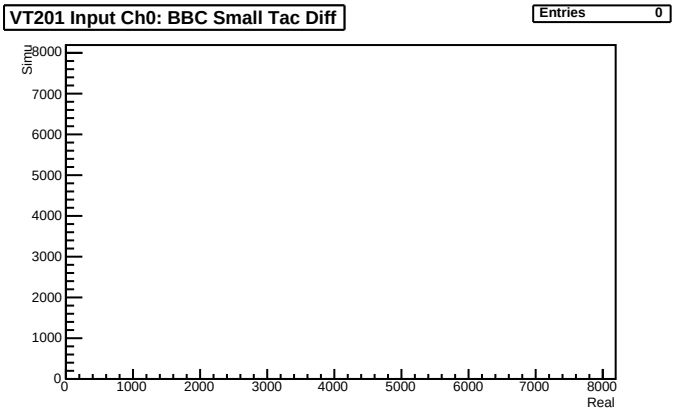
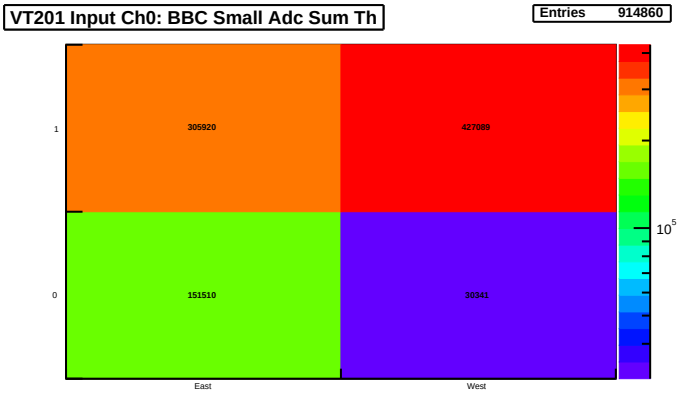
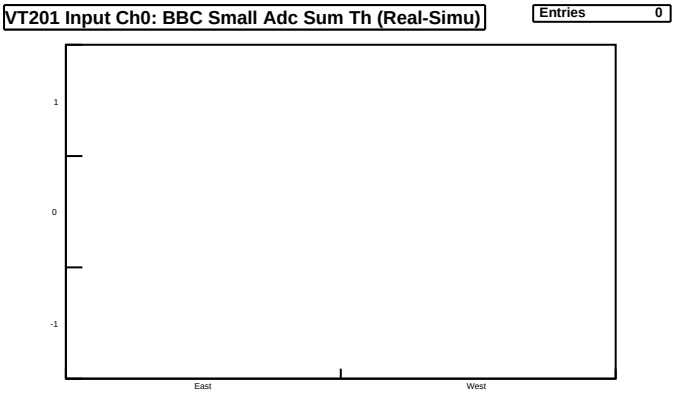
0
45678
6277
31
22
12
11
108400
8123
105
90
71
61
411752
451153
457399
457408
457418
457419
349030
449307
457325
457340
457359
457389
10^5
10^4
10^3
10^2
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

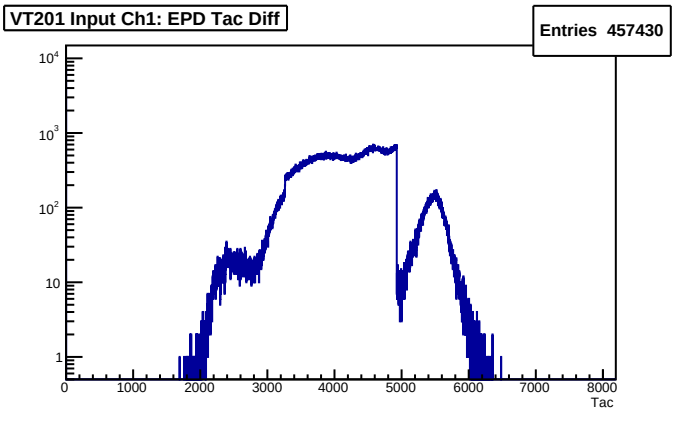

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

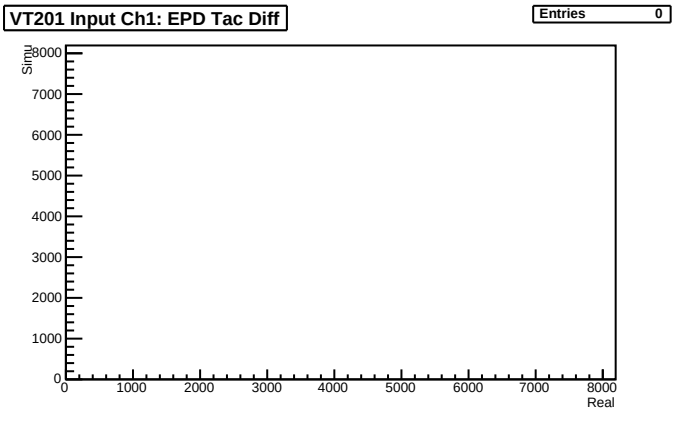

VT201 Input Ch0: BBC Small Tac Diff
Entries 457430
Tac

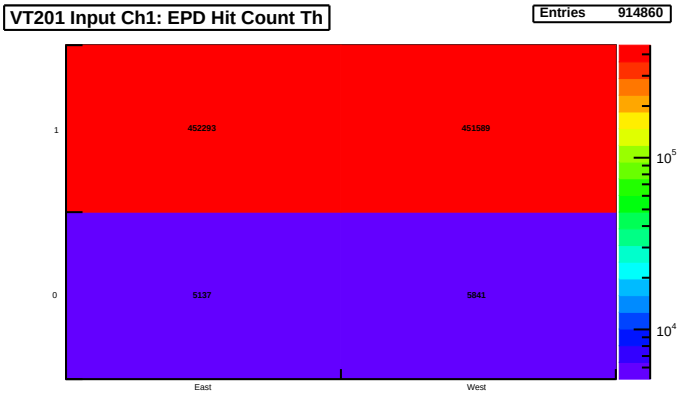

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

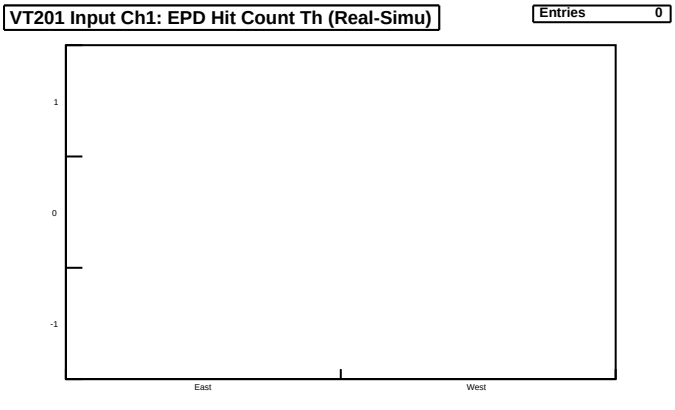

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 914860
305920
427089
151510
30341
East
West

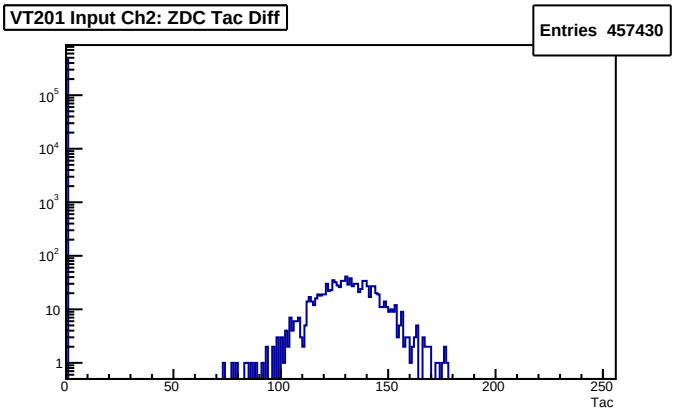

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

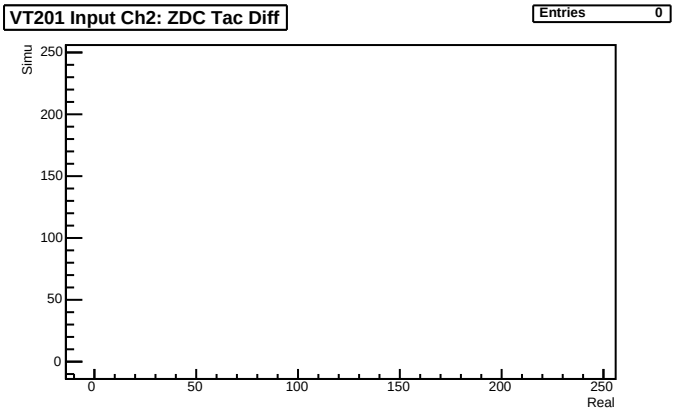

VT201 Input Ch1: EPD Tac Diff
Entries 457430
Tac

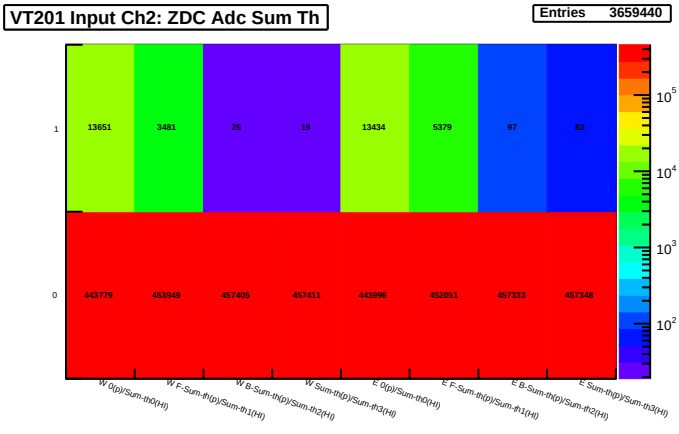

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

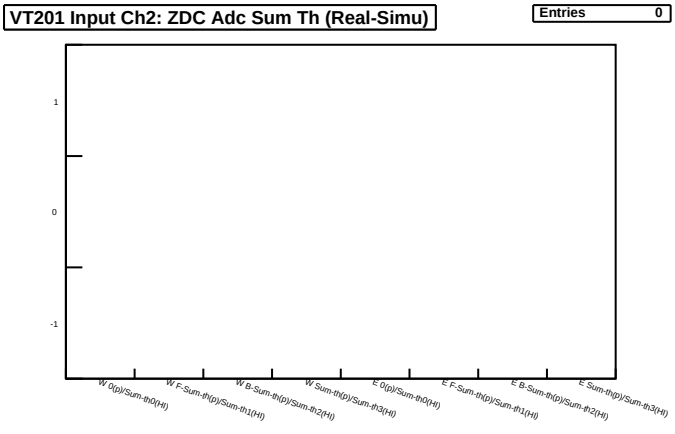

VT201 Input Ch1: EPD Hit Count Th
Entries 914860
452293
451589
5137
5841
East
West

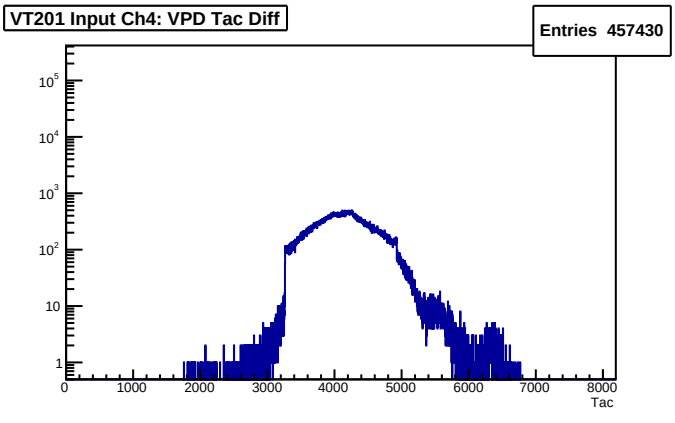

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

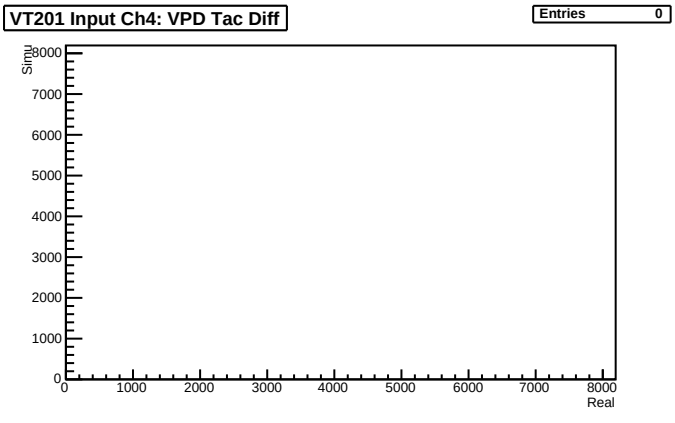

VT201 Input Ch2: ZDC Tac Diff
Entries 457430
Tac

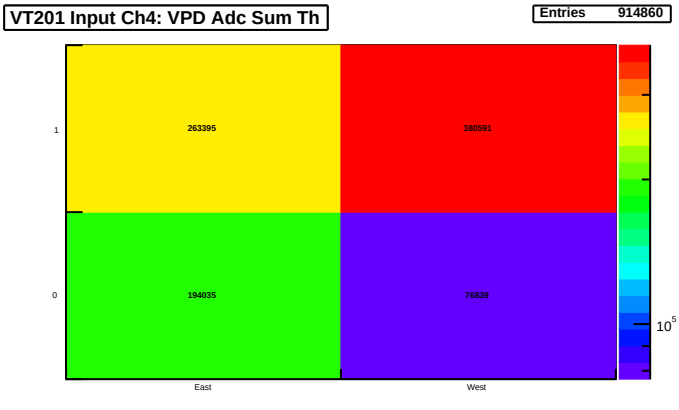

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

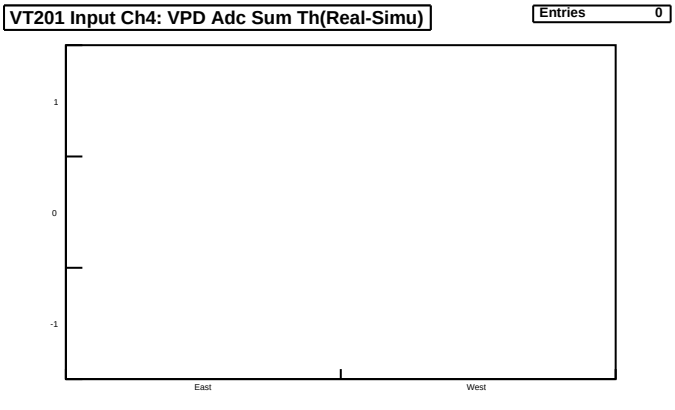

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3659440
13651
3481
25
19
13434
5379
97
82
443779
453949
457405
457411
443996
452051
457333
457348
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

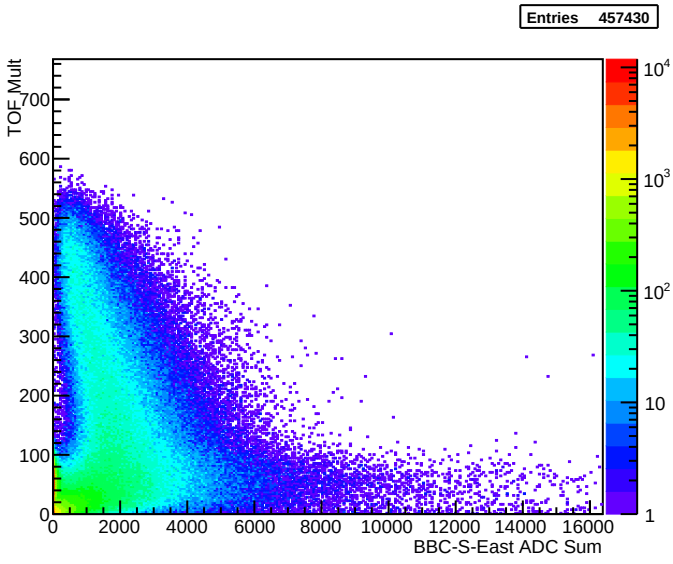

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

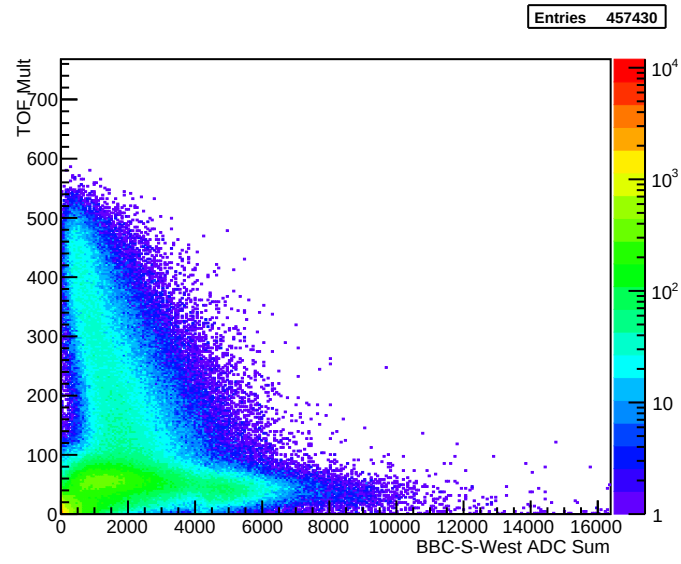

VT201 Input Ch4: VPD Tac Diff
Entries 457430
Tac

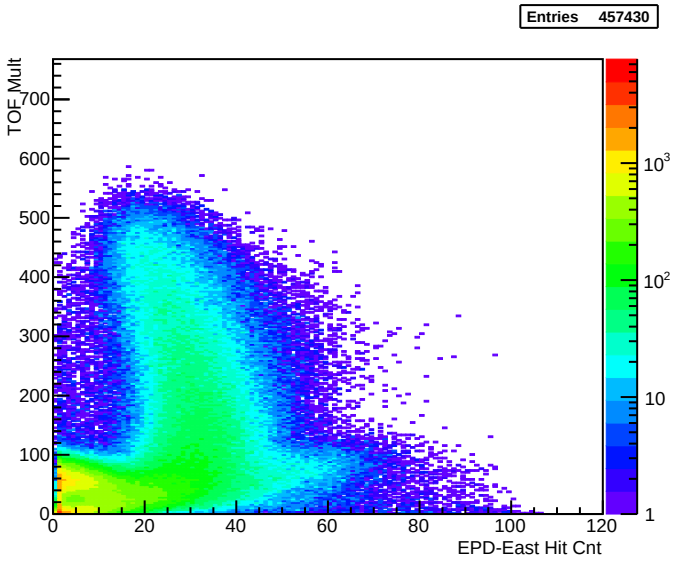

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

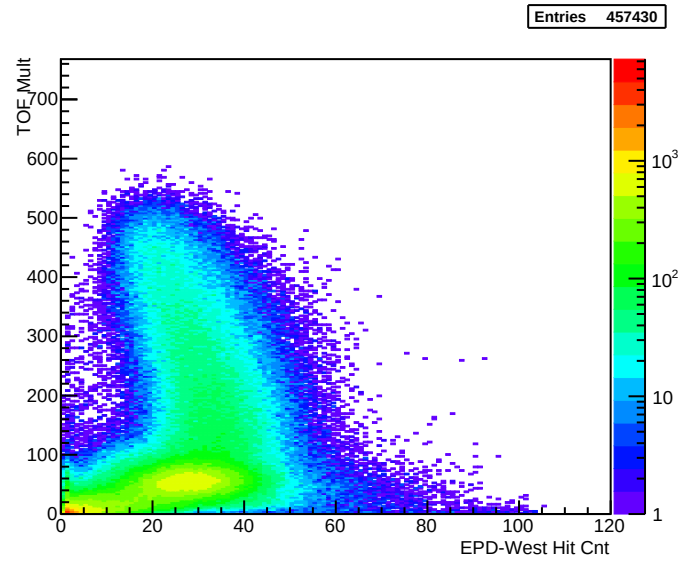

VT201 Input Ch4: VPD Adc Sum Th
Entries 914860
263395
380591
194035
76839
East
West

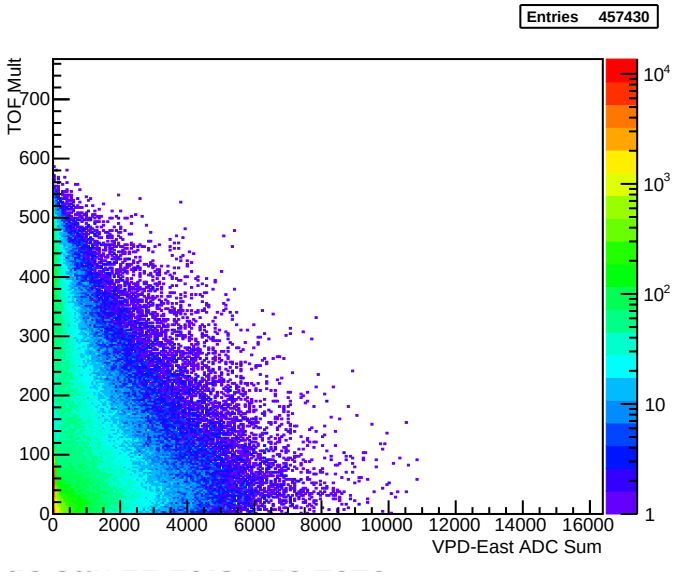

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

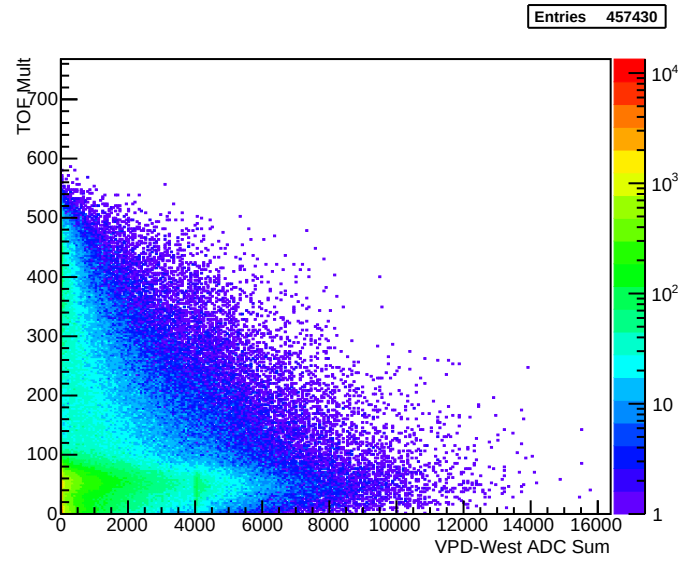

Entries 457430
TOF_Mult
BBC-S-East ADC Sum

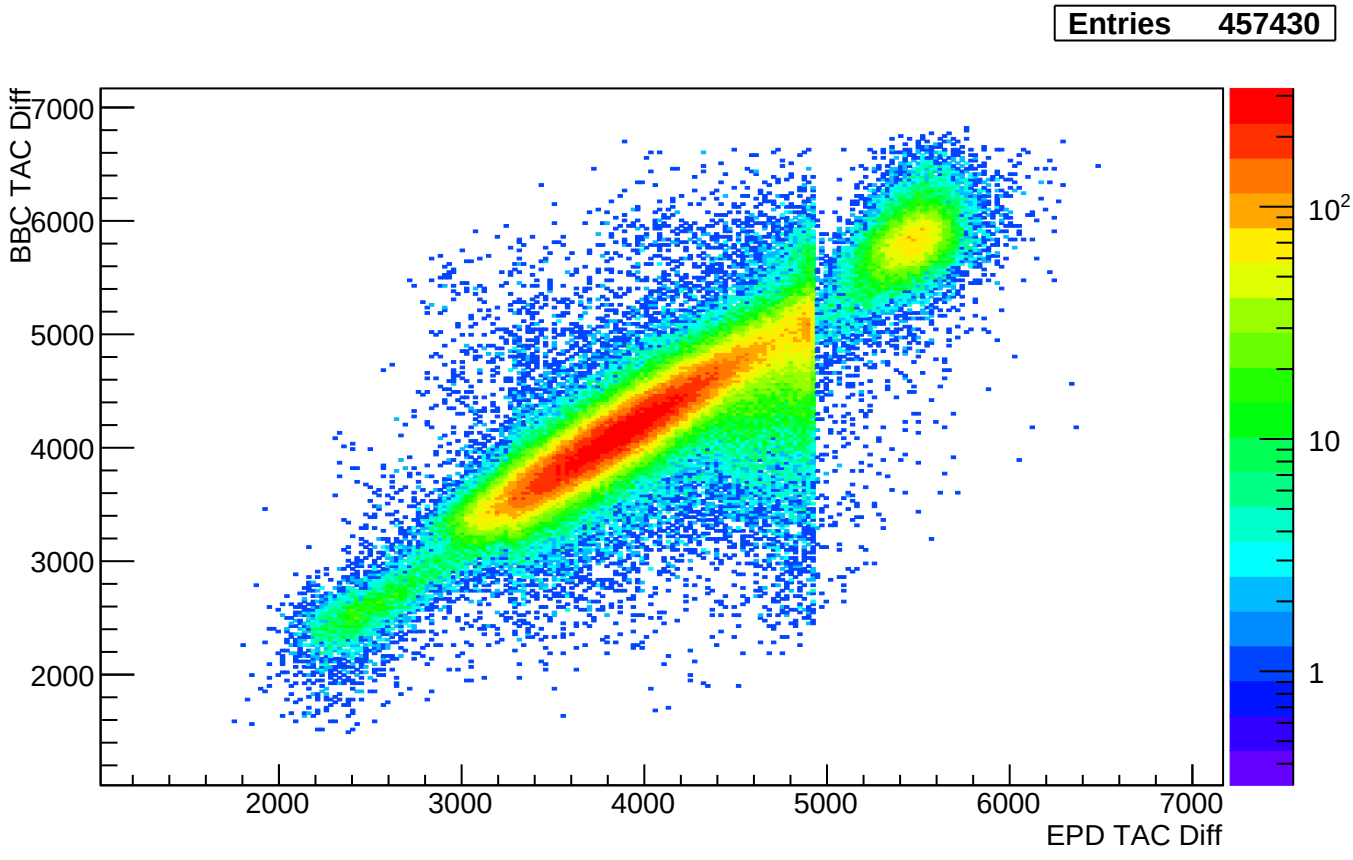

Entries 457430
TOF_Mult
BBC-S-West ADC Sum

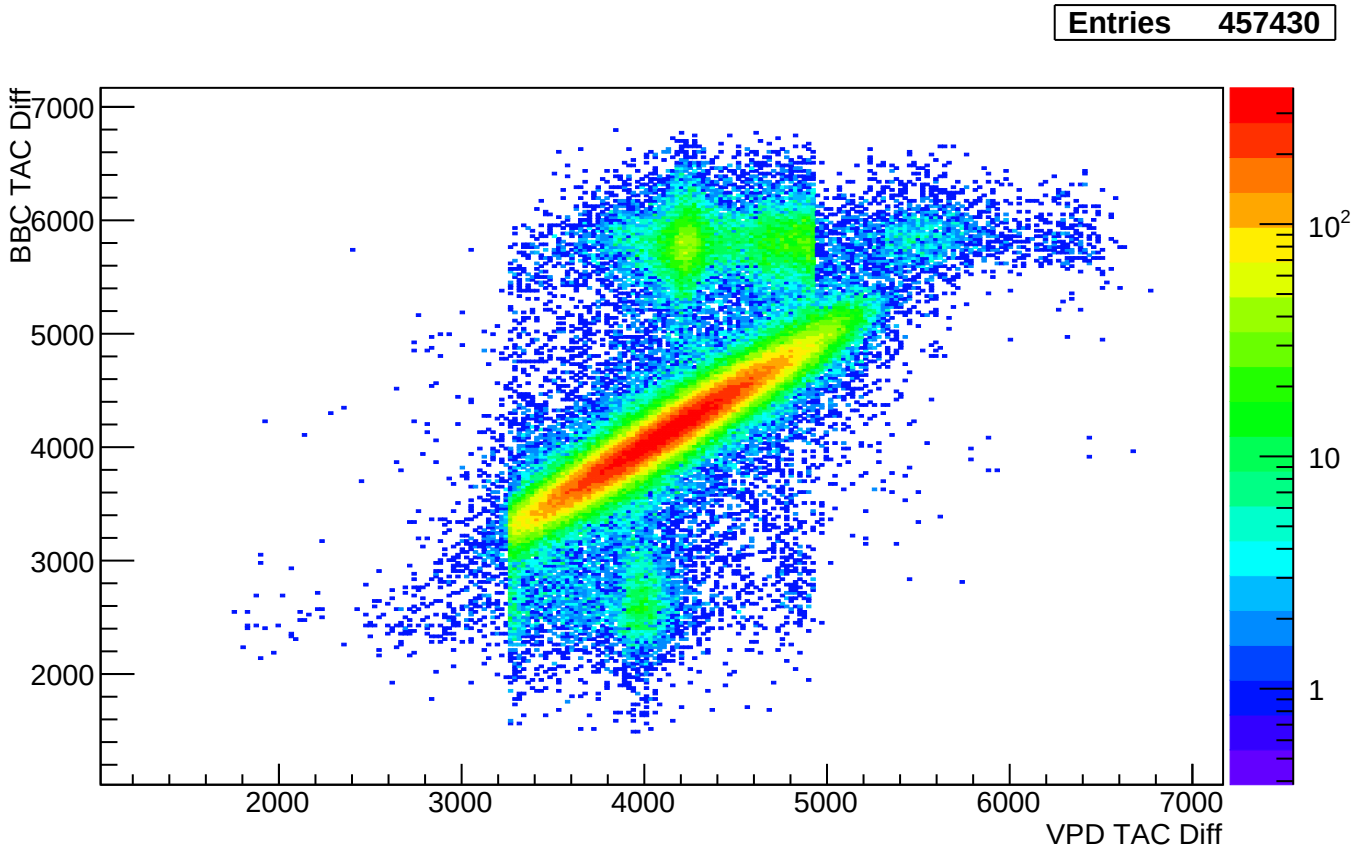

Entries 457430
TOF_Mult
EPD-East Hit Cnt

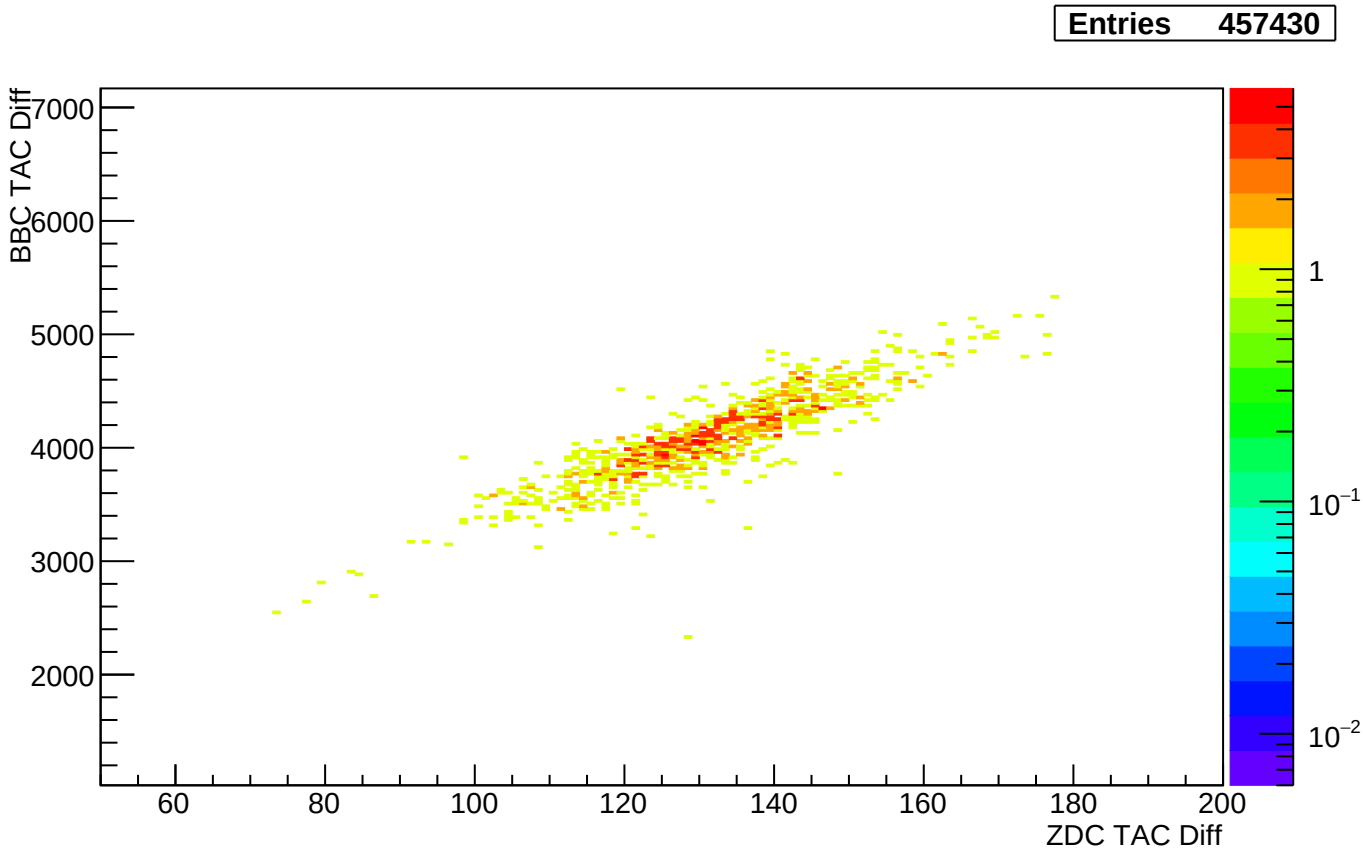

Entries 457430
TOF_Mult
EPD-West Hit Cnt

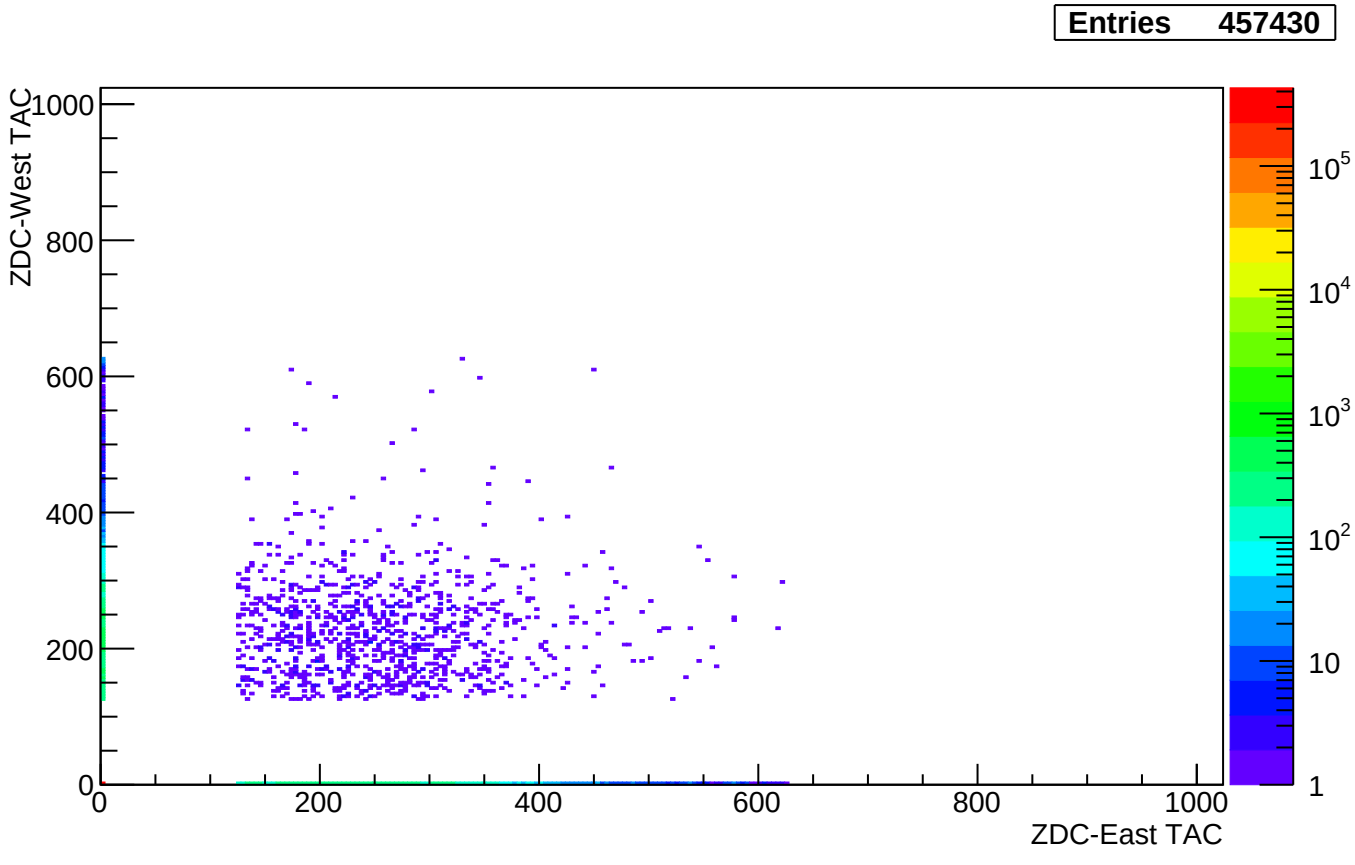

Entries 457430
TOF_Mult
VPD-East ADC Sum

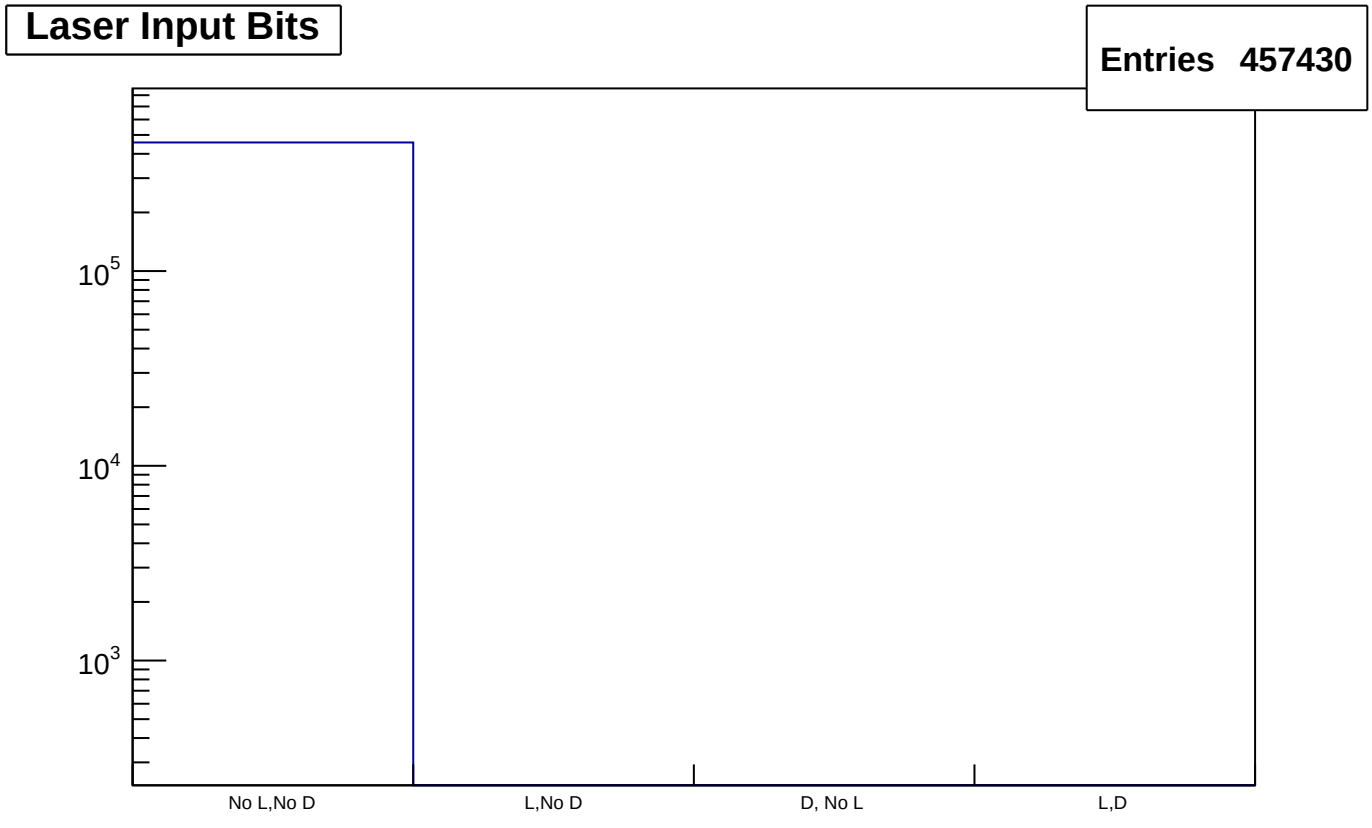

Entries 457430
TOF_Mult
VPD-West ADC Sum

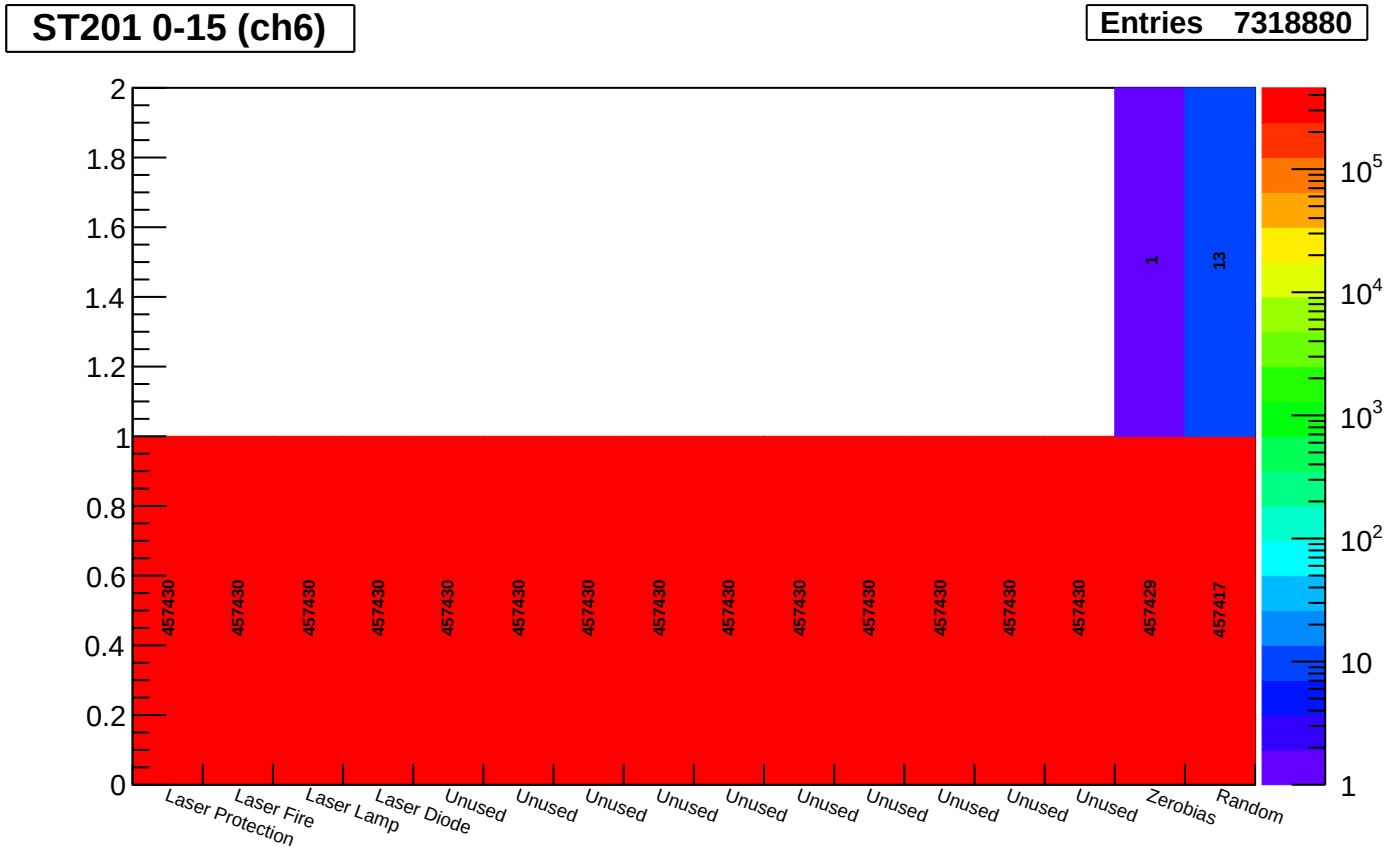

Entries 457430
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

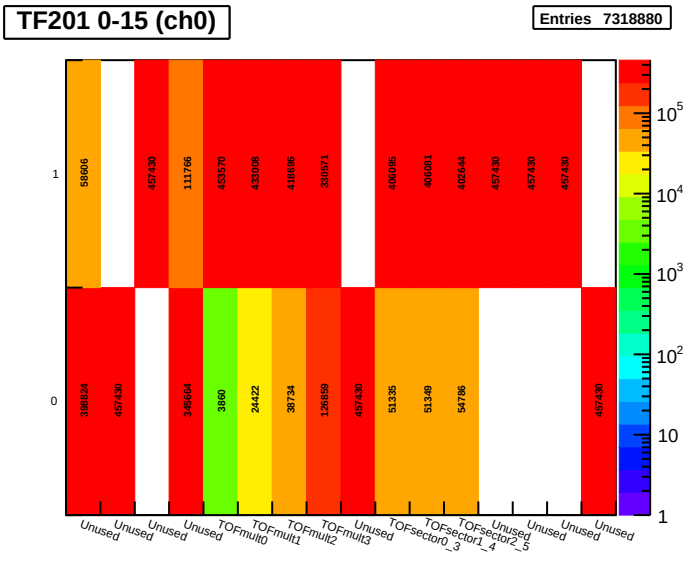

Entries 457430
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

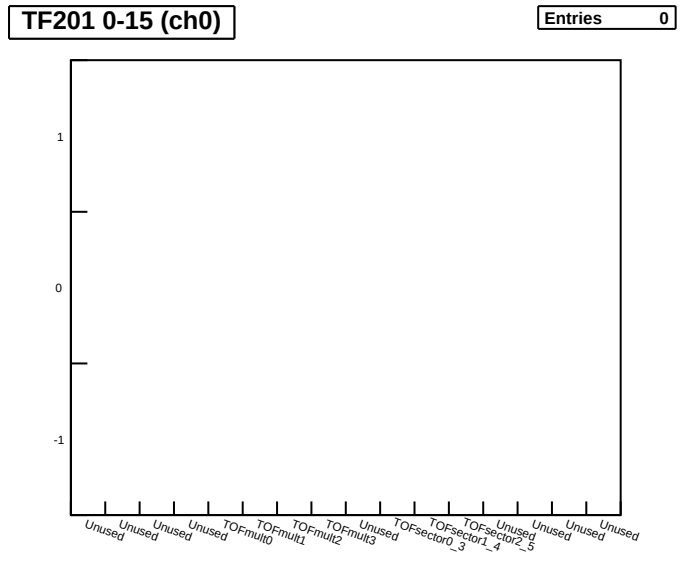

Entries 457430
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

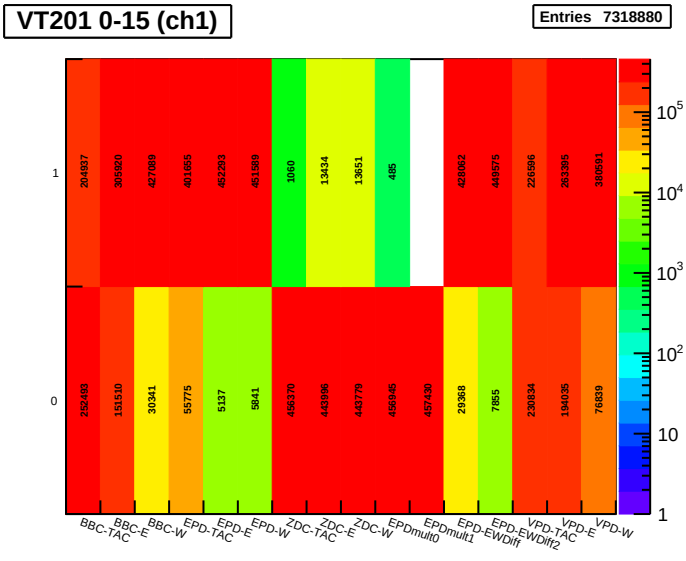

Entries 457430
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

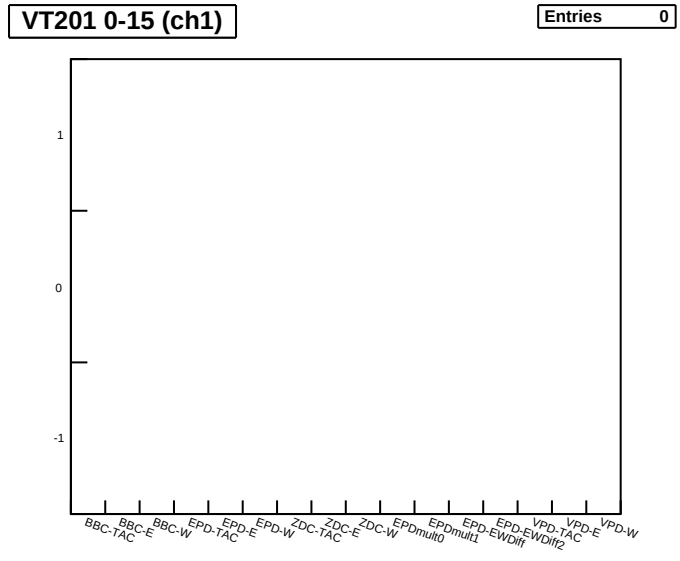

Laser Input Bits
Entries 457430
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

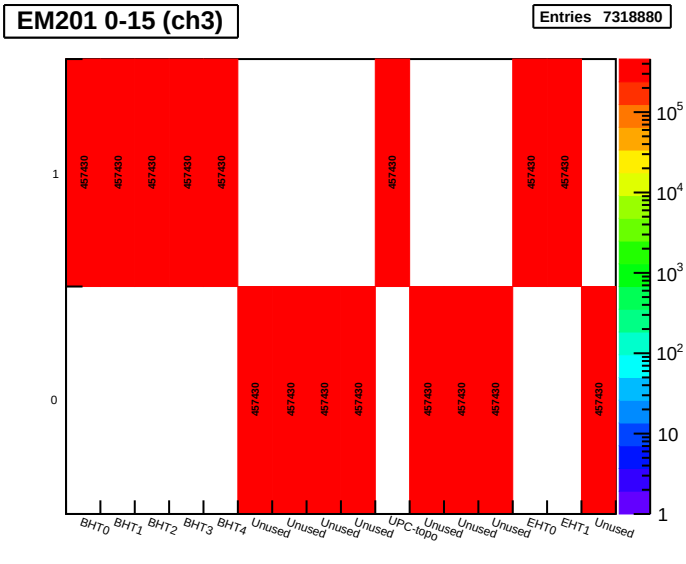

ST201 0-15 (ch6)
Entries 7318880
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
457429
457417
1
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

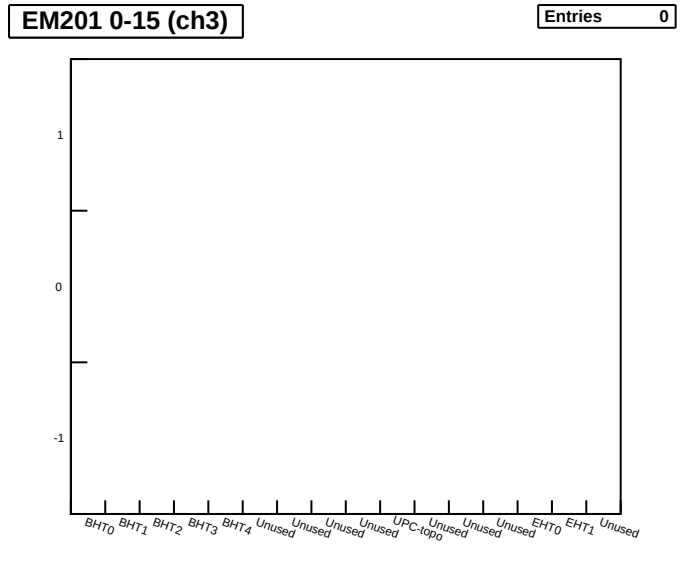

TF201 0-15 (ch0)
Entries 7318880
1
0
58606
457430
111766
453570
433008
418696
320571
406095
406081
402644
457430
457430
457430
398824
457430
345664
3860
24422
38734
126859
457430
51335
51349
54786
457430
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused


VT201 0-15 (ch1)
Entries 7318880
1
0
204937
305920
427089
401655
452293
451589
1060
13434
13651
485
428062
449575
226596
263395
380591
232493
151510
30341
55775
5137
5841
456370
443996
443779
456945
457430
29368
7855
230834
194035
76839
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 7318880
1
0
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
457430
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