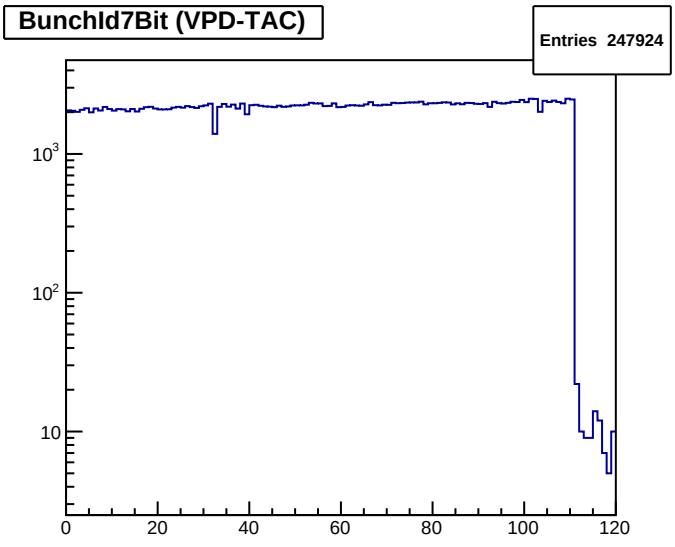
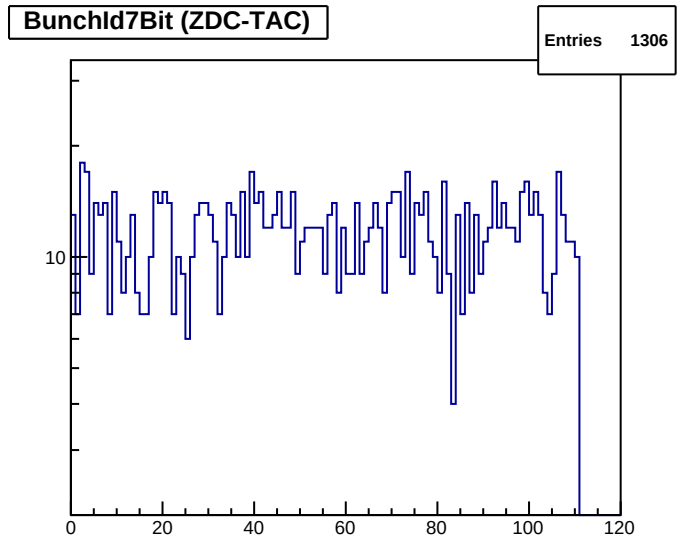
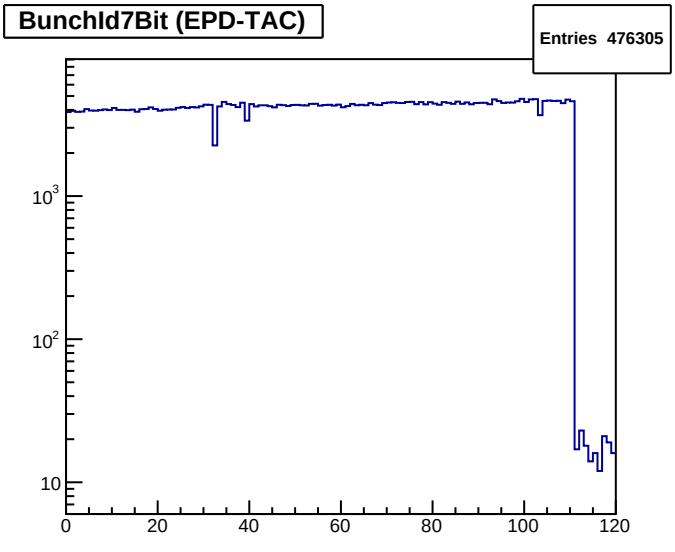
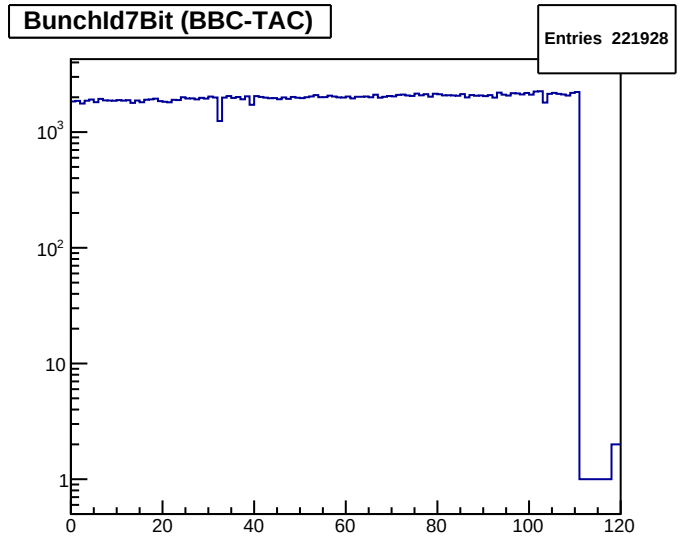
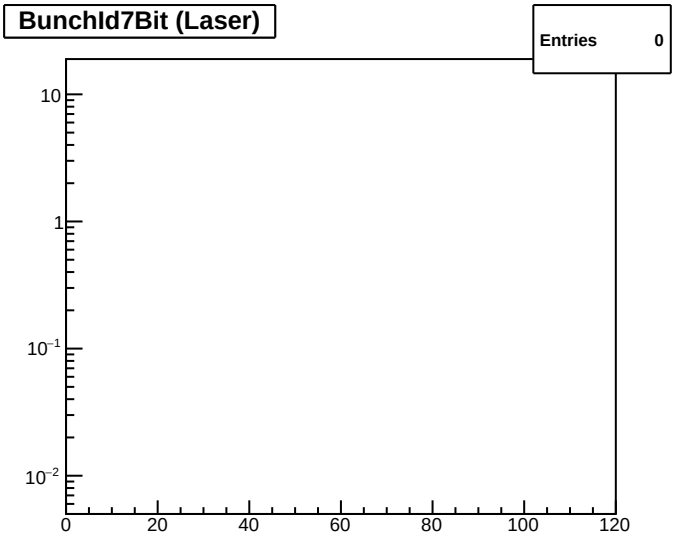
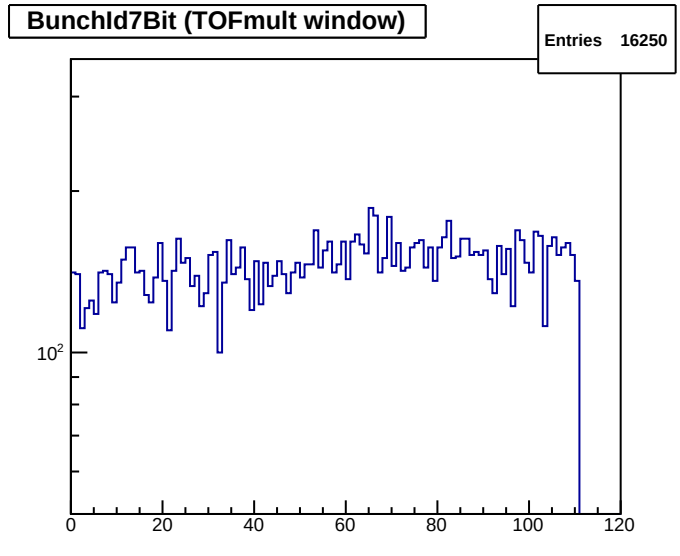

BunchId7Bit (VPD-TAC)
Entries 247924

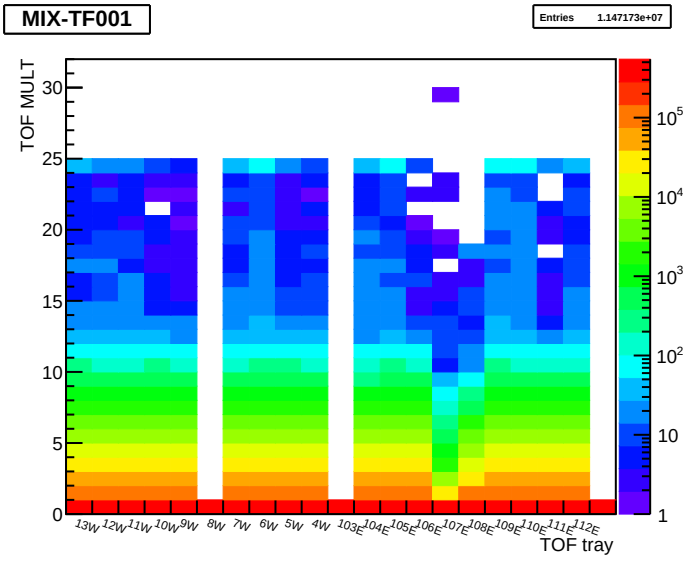

BunchId7Bit (ZDC-TAC)
Entries 1306

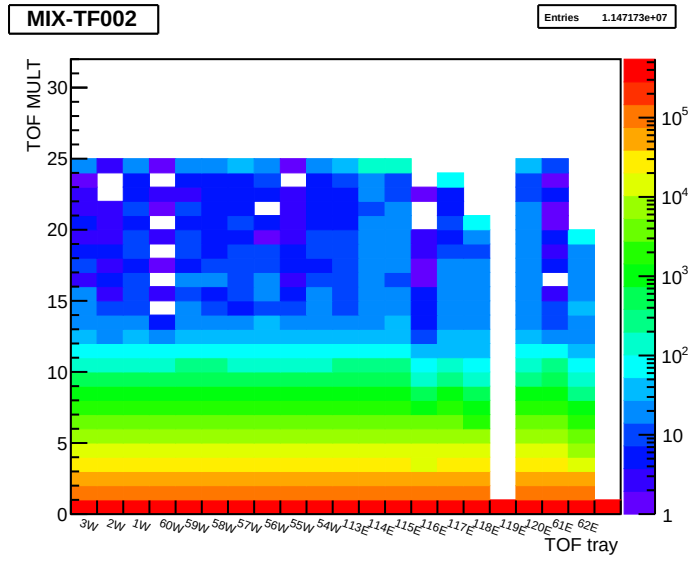

BunchId7Bit (EPD-TAC)
Entries 476305

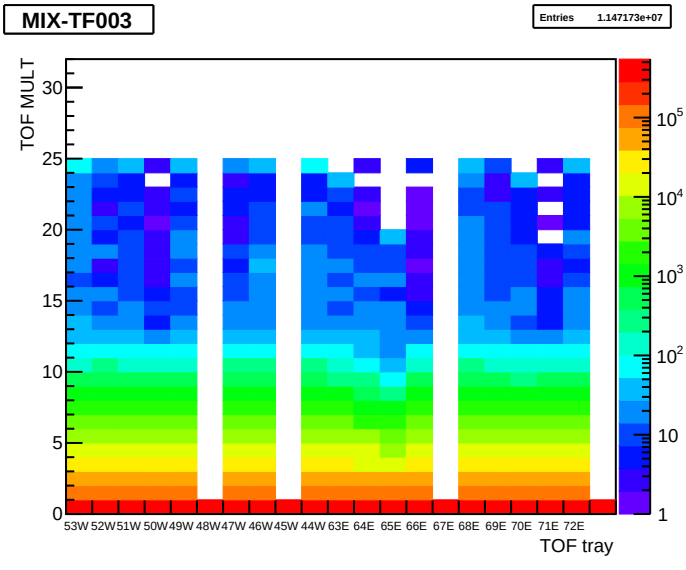

BunchId7Bit (BBC-TAC)
Entries 221928

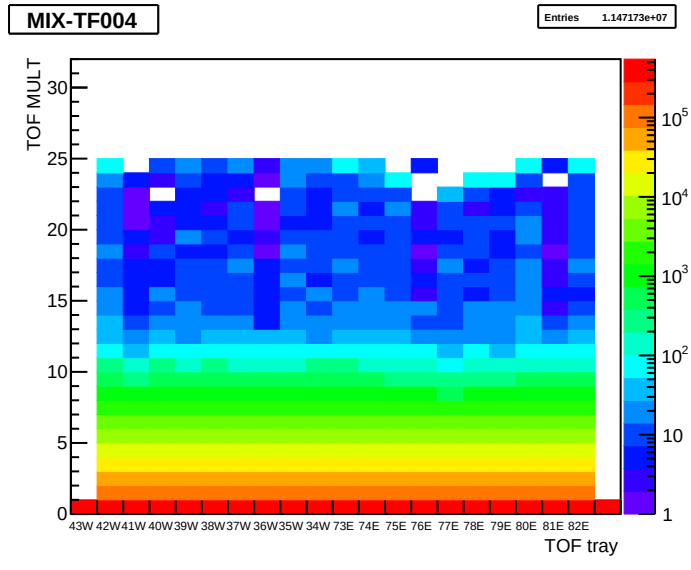

BunchId7Bit (Laser)
Entries 0

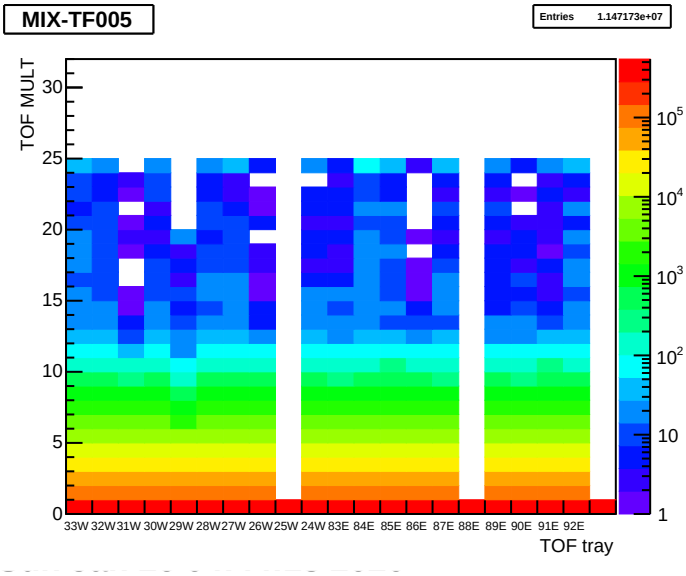

BunchId7Bit (TOFmult window)
Entries 16250

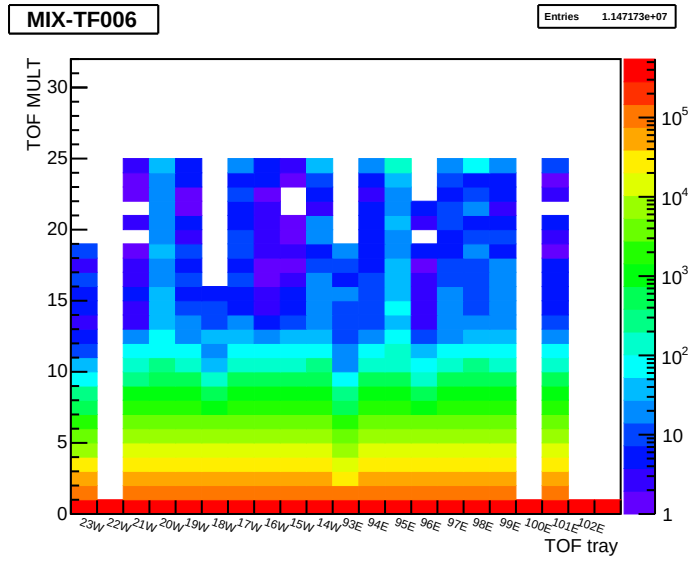

MIX-TF001
Entries 1.147173e+07
TOF MULT
TOF tray

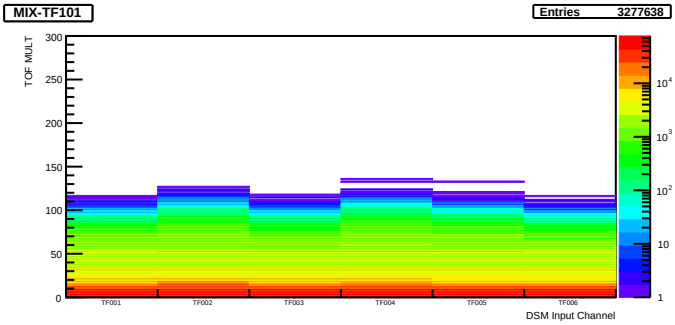

MIX-TF002
Entries 1.147173e+07
TOF MULT
TOF tray

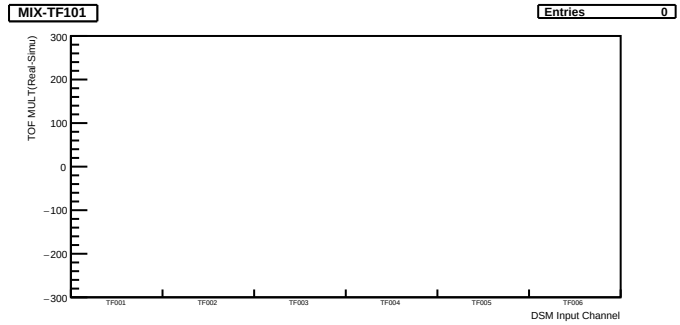

MIX-TF003
Entries 1.147173e+07
TOF MULT
TOF tray

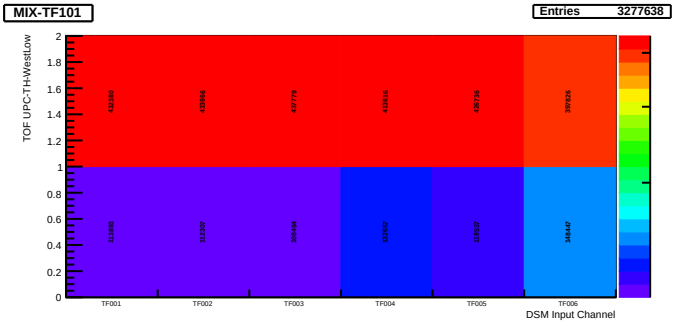

MIX-TF004
Entries 1.147173e+07
TOF MULT
TOF tray

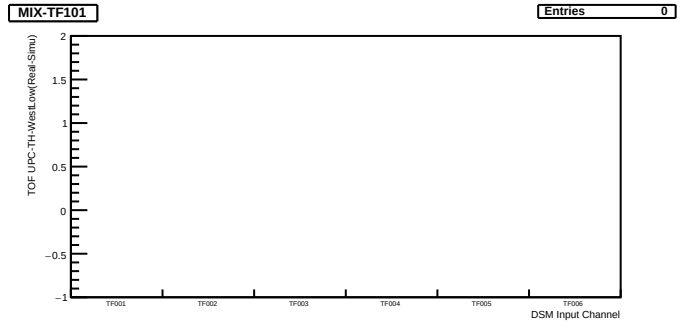

MIX-TF005
Entries 1.147173e+07
TOF MULT
TOF tray

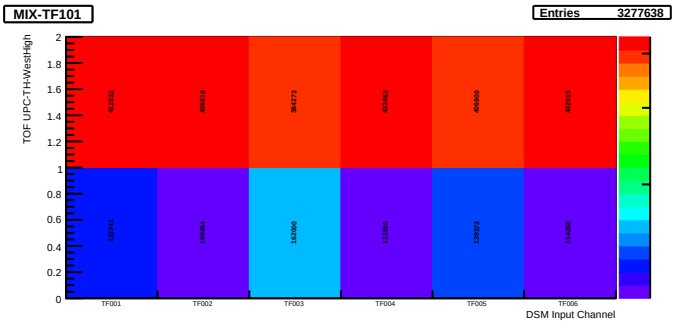

MIX-TF006
Entries 1.147173e+07
TOF MULT
TOF tray

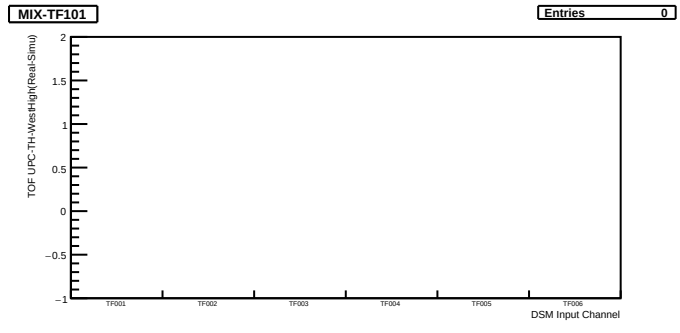

MIX-TF101
Entries 3277638
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

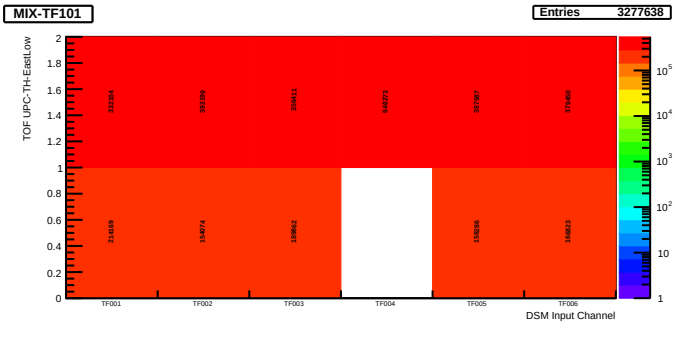

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

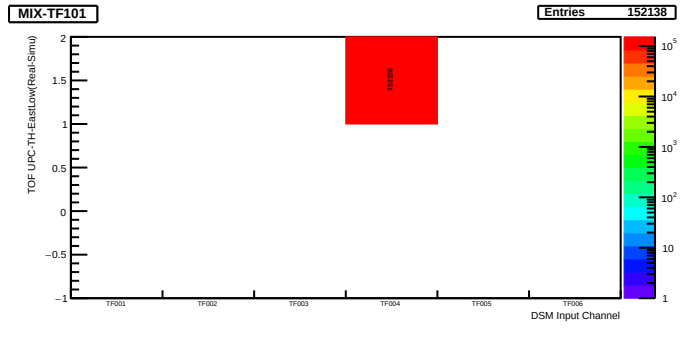

MIX-TF101
Entries 3277638
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

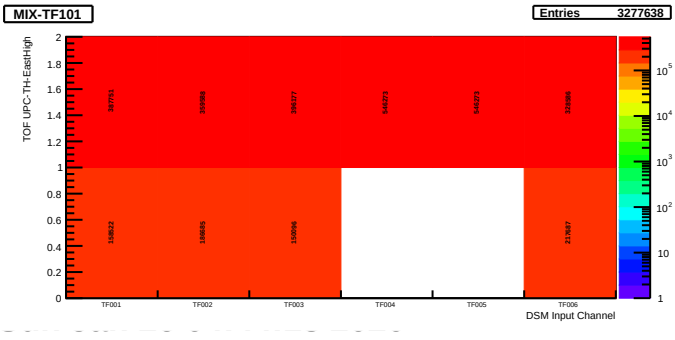

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

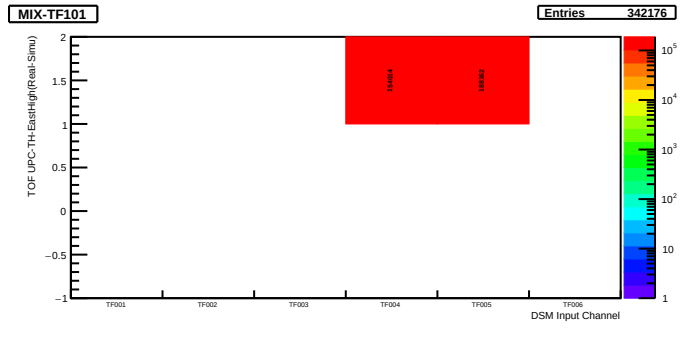

MIX-TF101
Entries 3277638
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

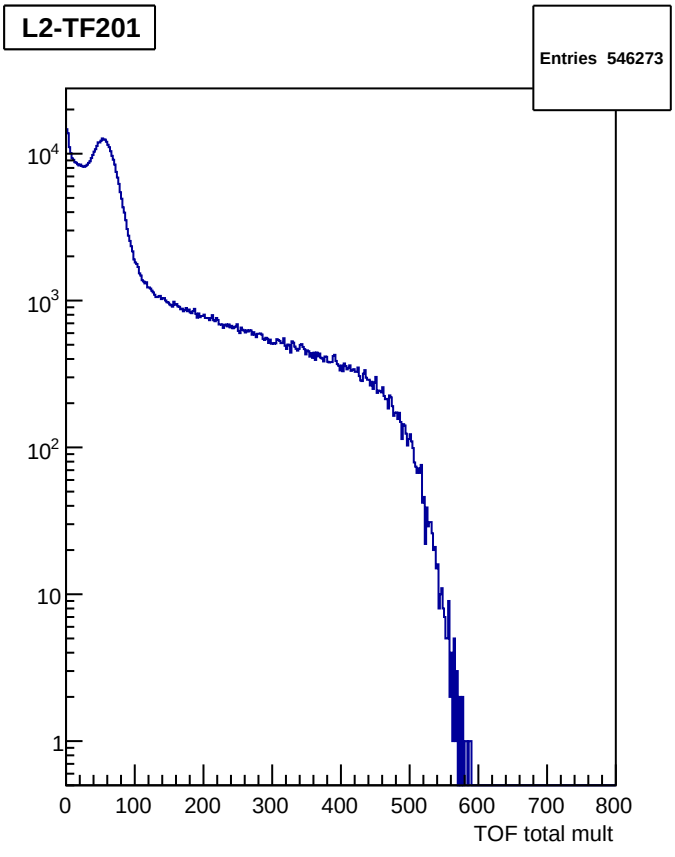

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

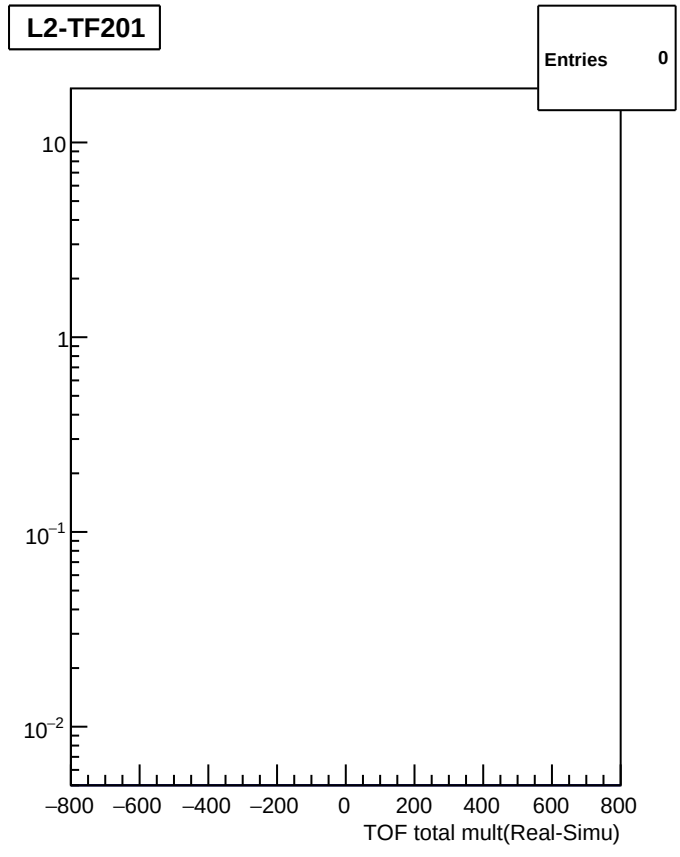

MIX-TF101
Entries 3277638
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

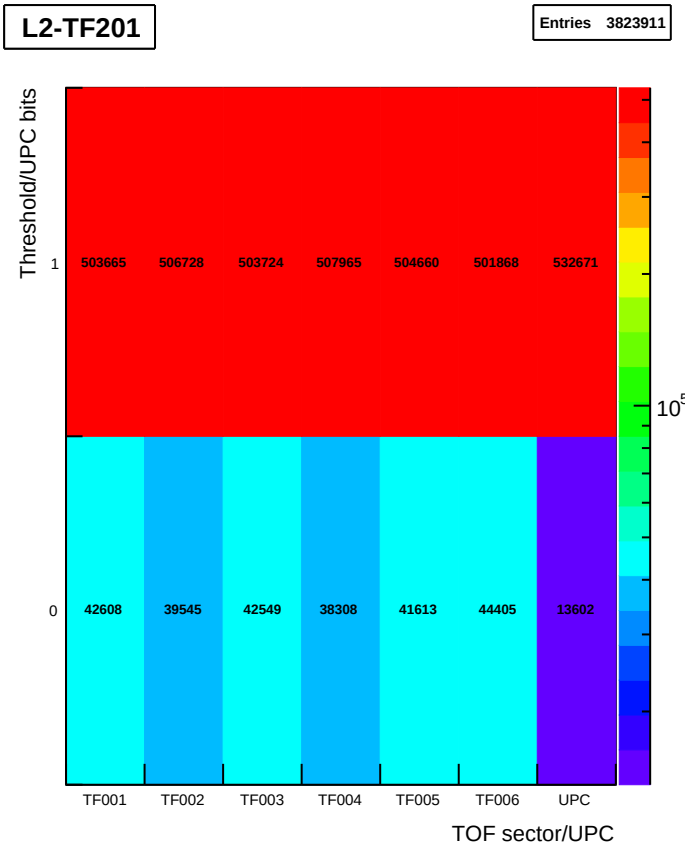

MIX-TF101
Entries 152138
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

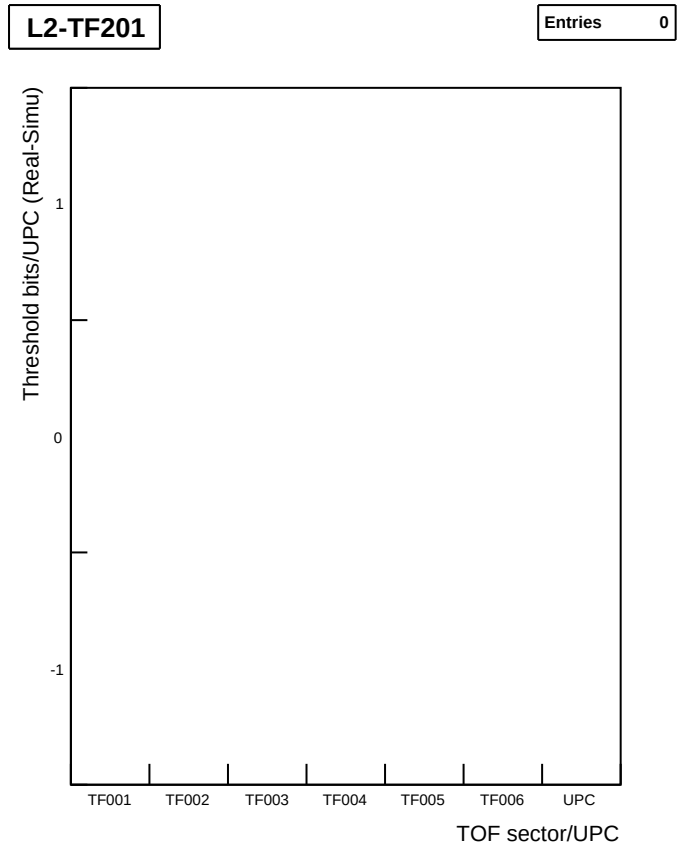

MIX-TF101
Entries 3277638
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

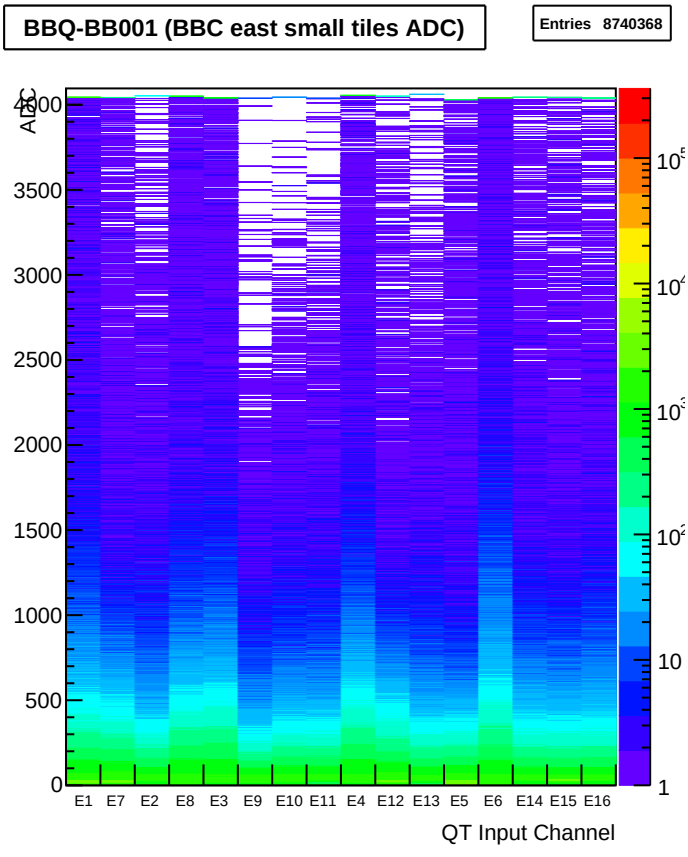

MIX-TF101
Entries 342176
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

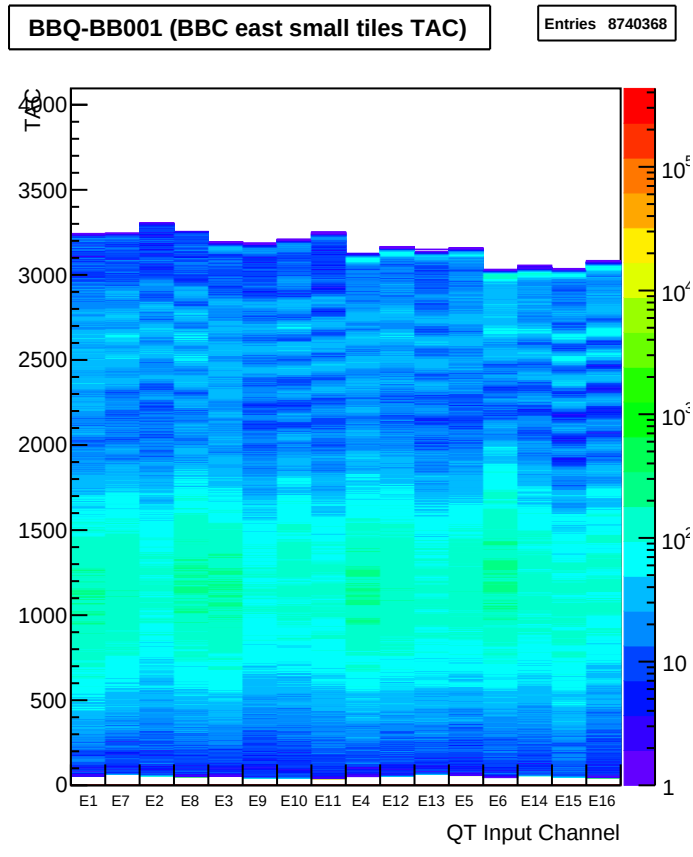

L2-TF201
Entries 546273
TOF total mult

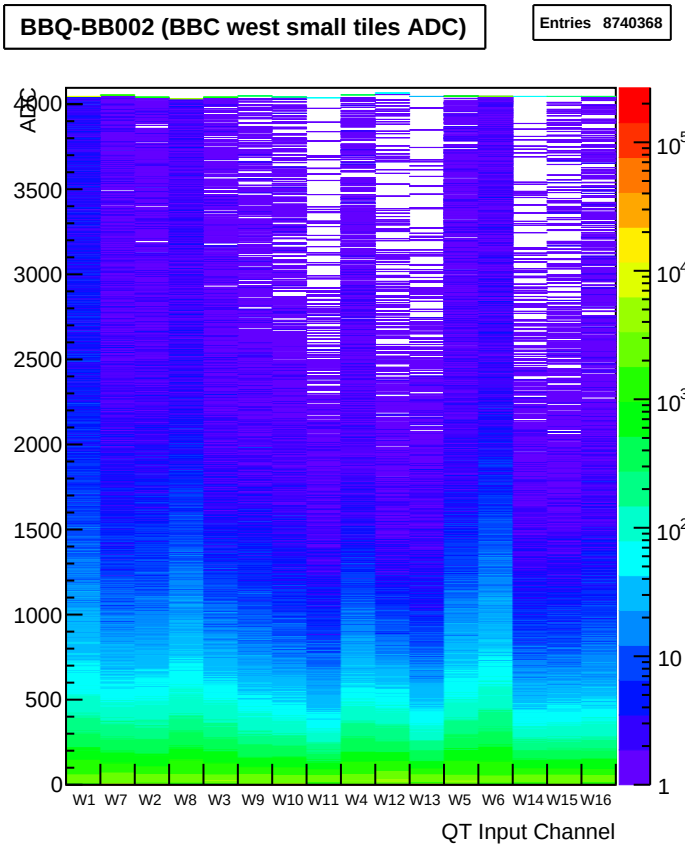

L2-TF201
Entries 0
TOF total mult(Real-Simu)

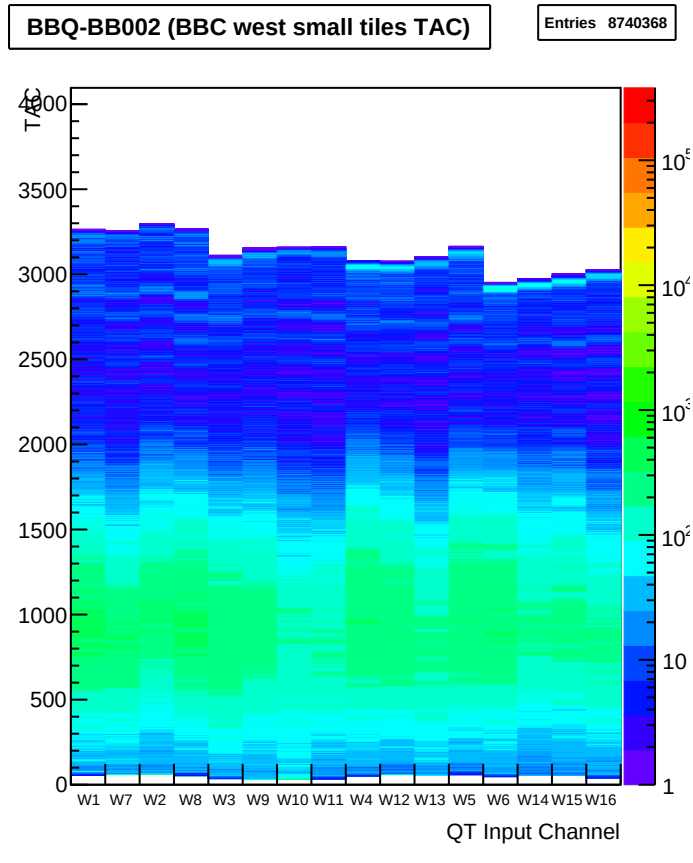

L2-TF201
Entries 3823911
Threshold/UPC bits
503665
506728
503724
507965
504660
501868
532671
42608
39545
42549
38308
41613
44405
13602
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

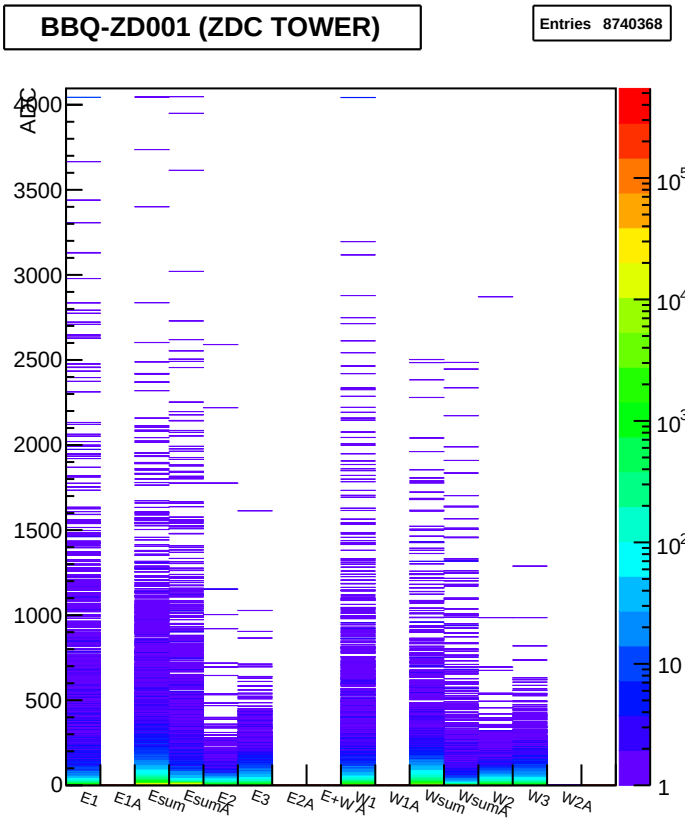

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

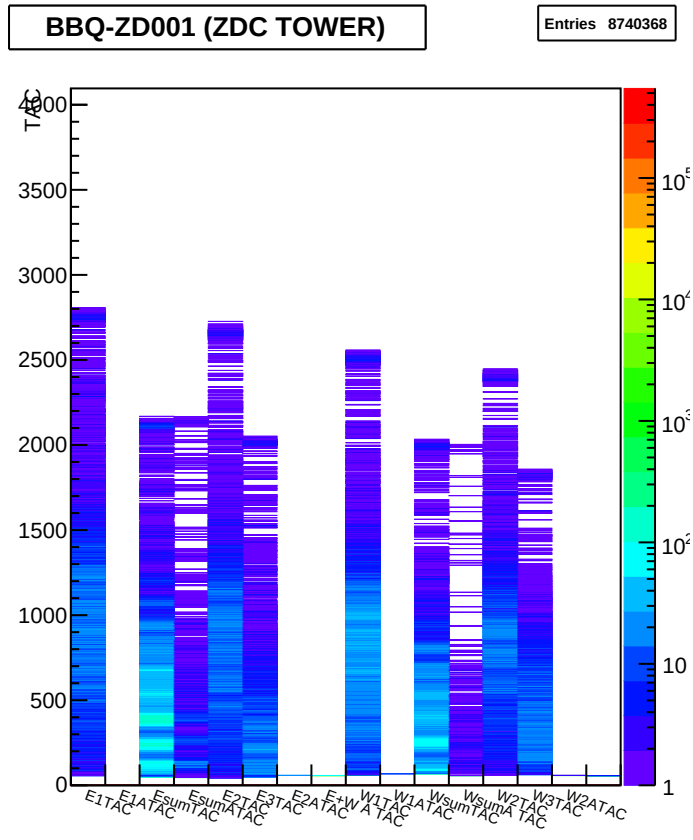

BBQ-BB001 (BBC east small tiles ADC)
Entries 8740368
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

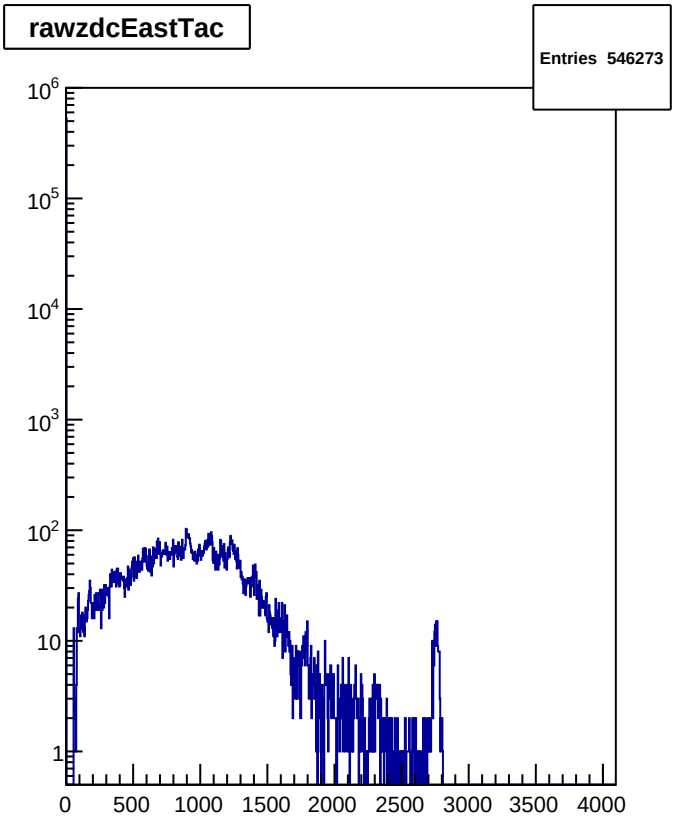

BBQ-BB001 (BBC east small tiles TAC)
Entries 8740368
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

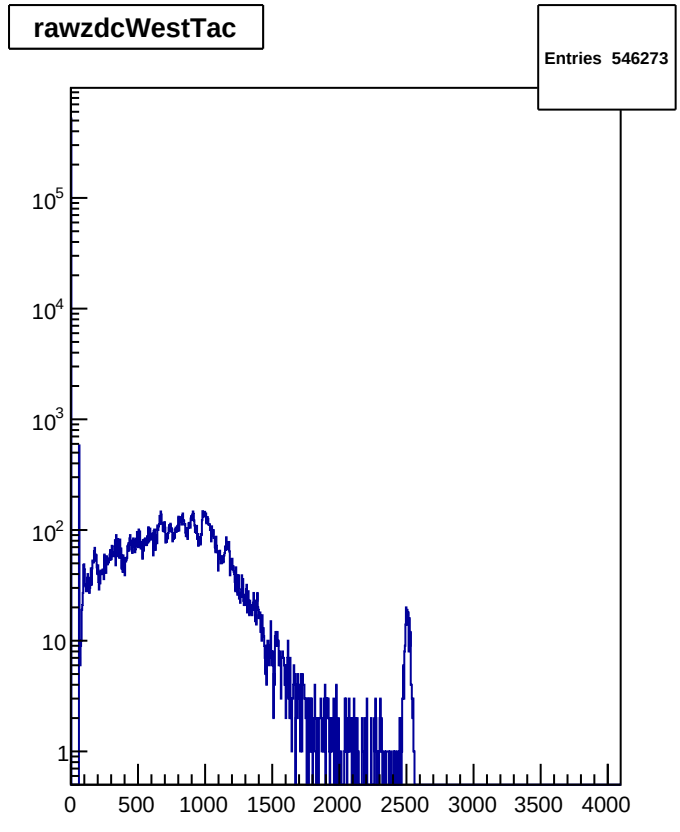

BBQ-BB002 (BBC west small tiles ADC)
Entries 8740368
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

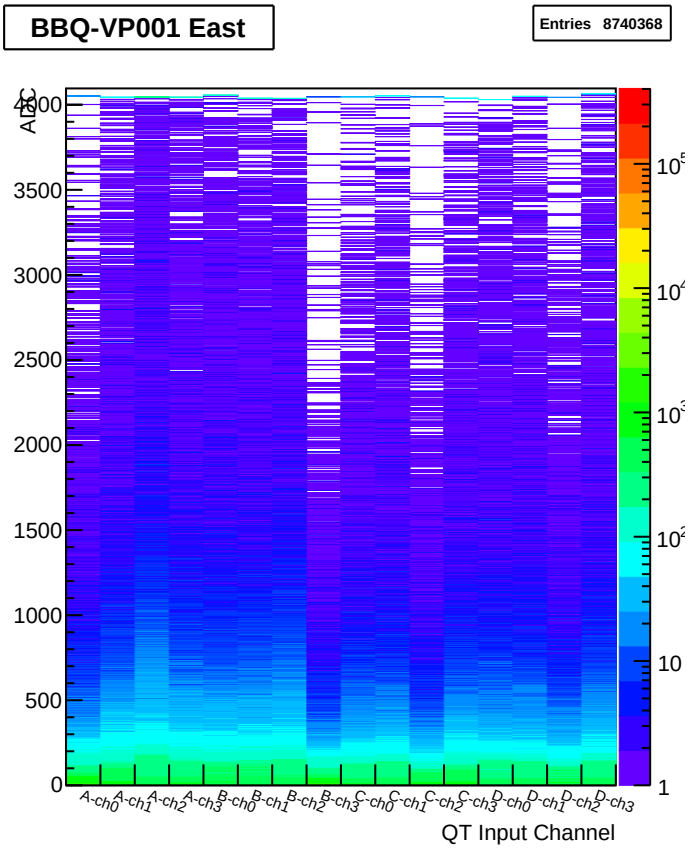

BBQ-BB002 (BBC west small tiles TAC)
Entries 8740368
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

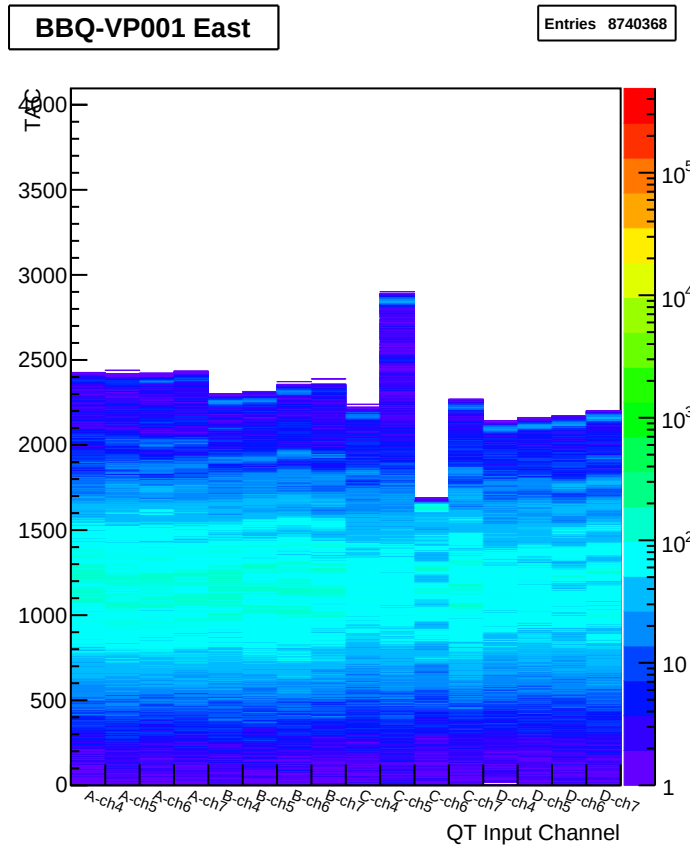

BBQ-ZD001 (ZDC TOWER)
Entries 8740368
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

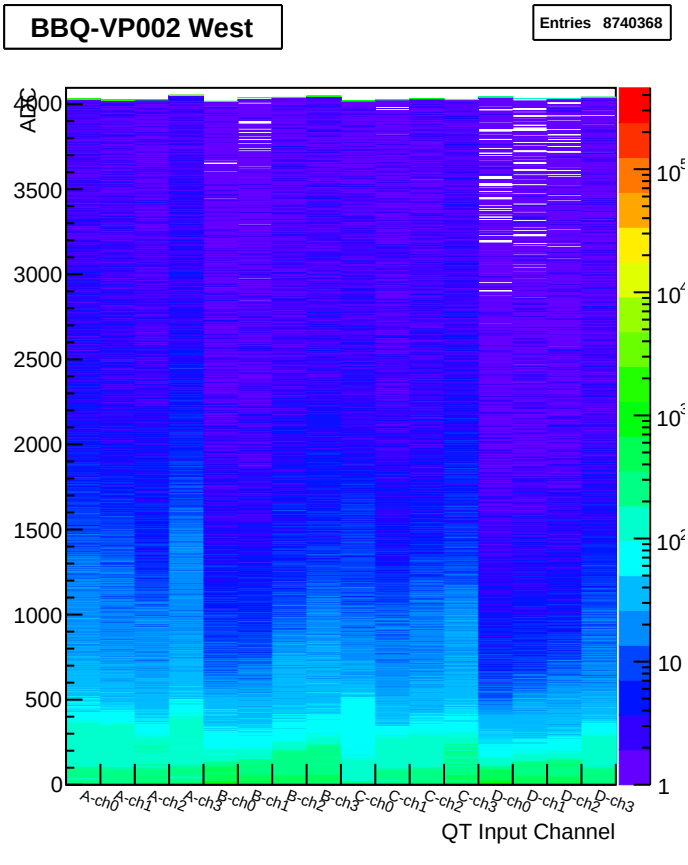

BBQ-ZD001 (ZDC TOWER)
Entries 8740368
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

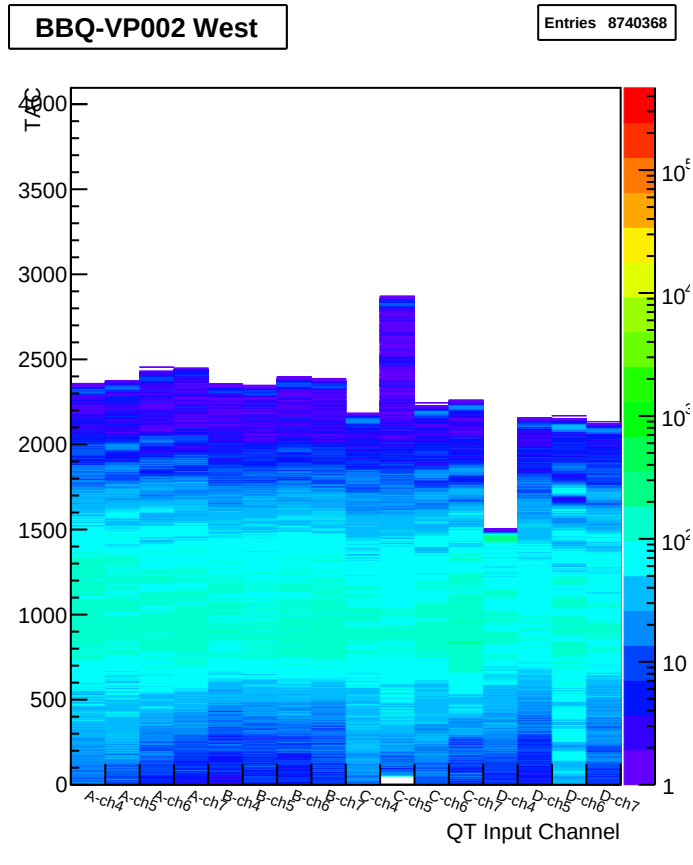

rawzdcEastTac
Entries 546273

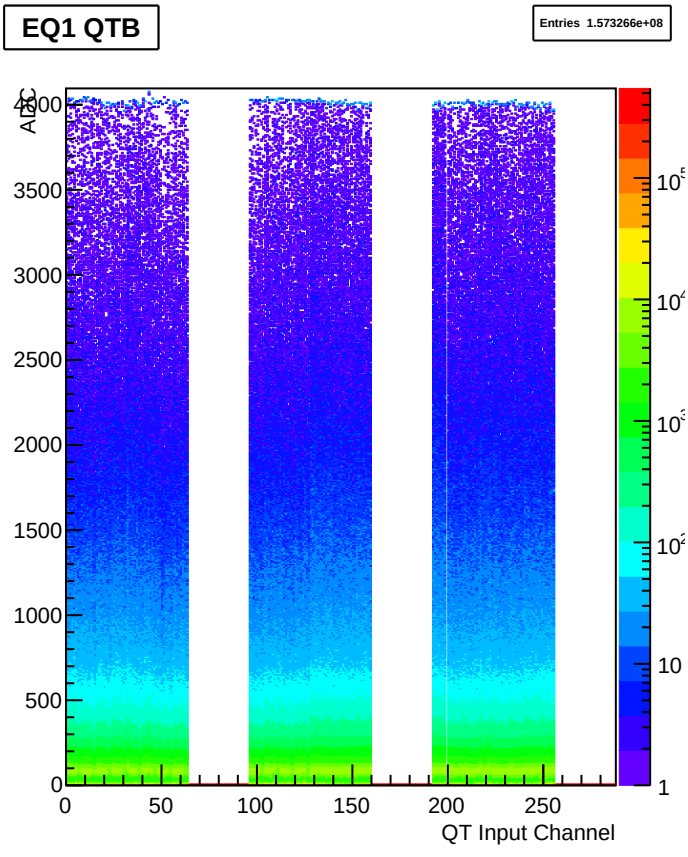

rawzdcWestTac
Entries 546273

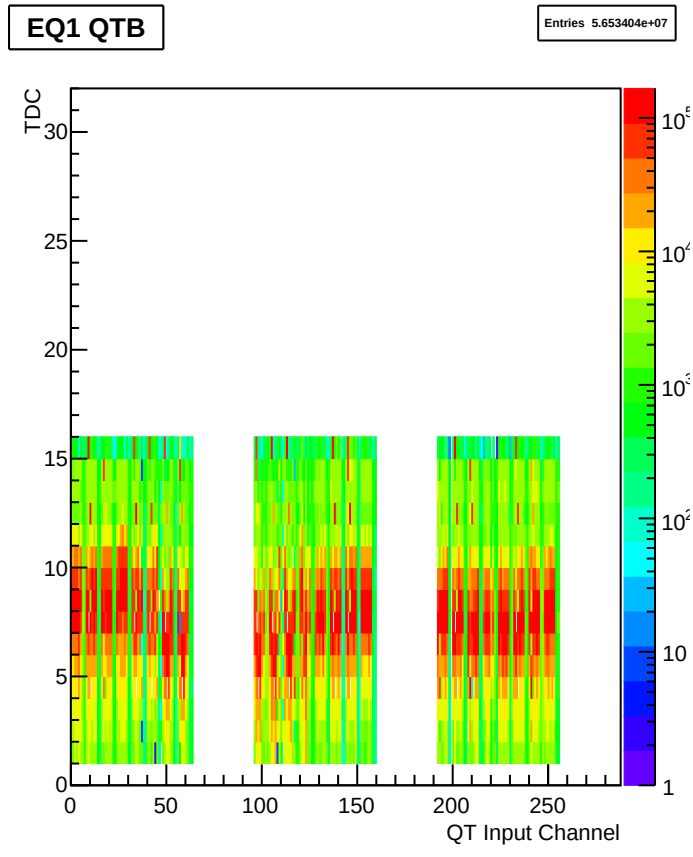

BBQ-VP001 East
Entries 8740368
ADC
QT Input Channel

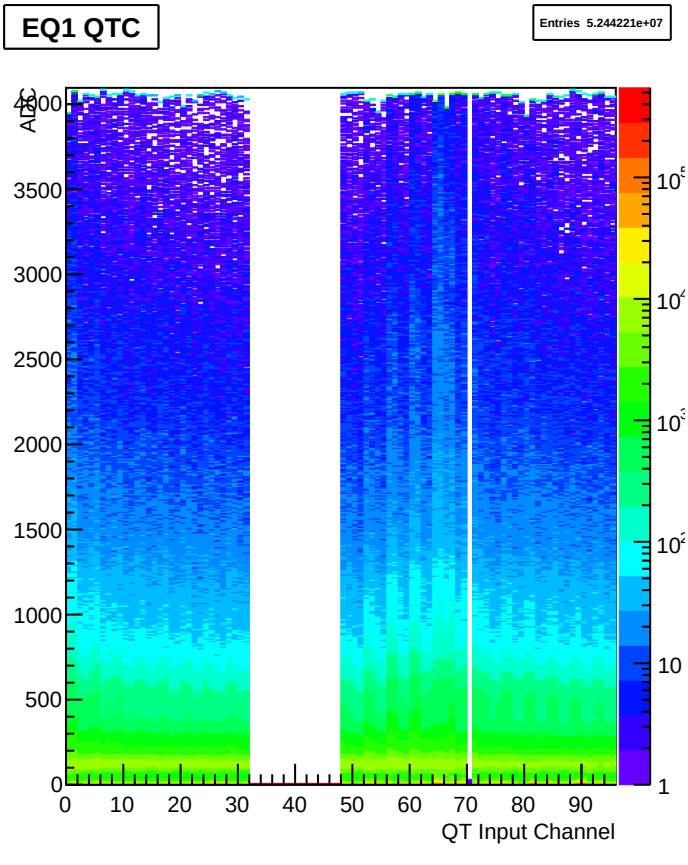

BBQ-VP001 East
Entries 8740368
TADC
QT Input Channel

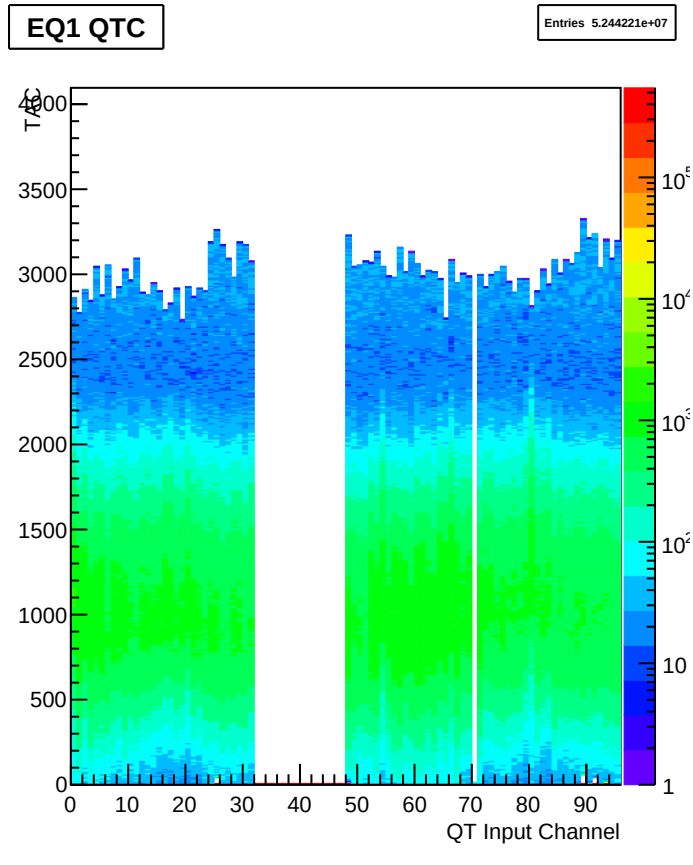

BBQ-VP002 West
Entries 8740368
ADC
QT Input Channel

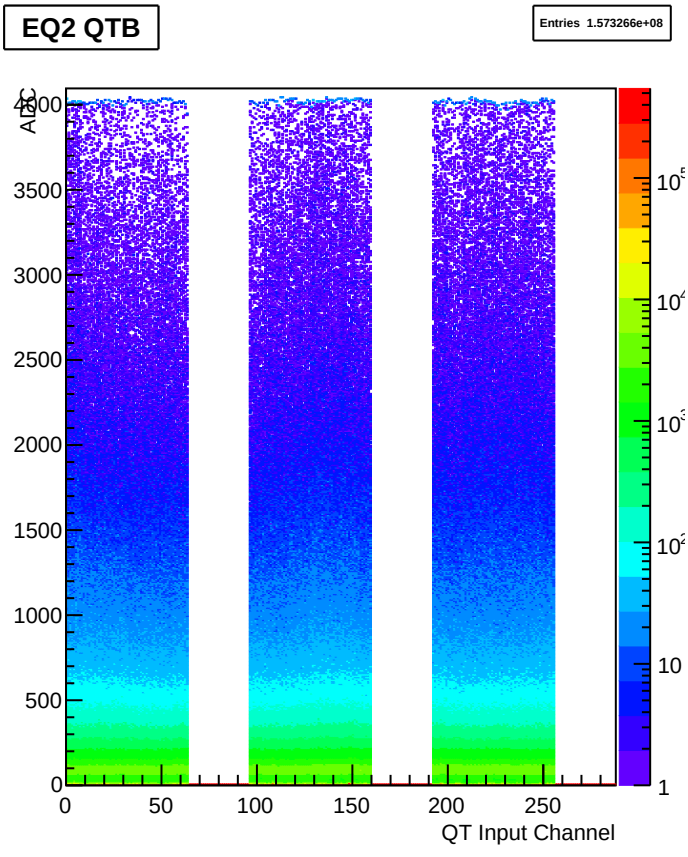

BBQ-VP002 West
Entries 8740368
TADC
QT Input Channel

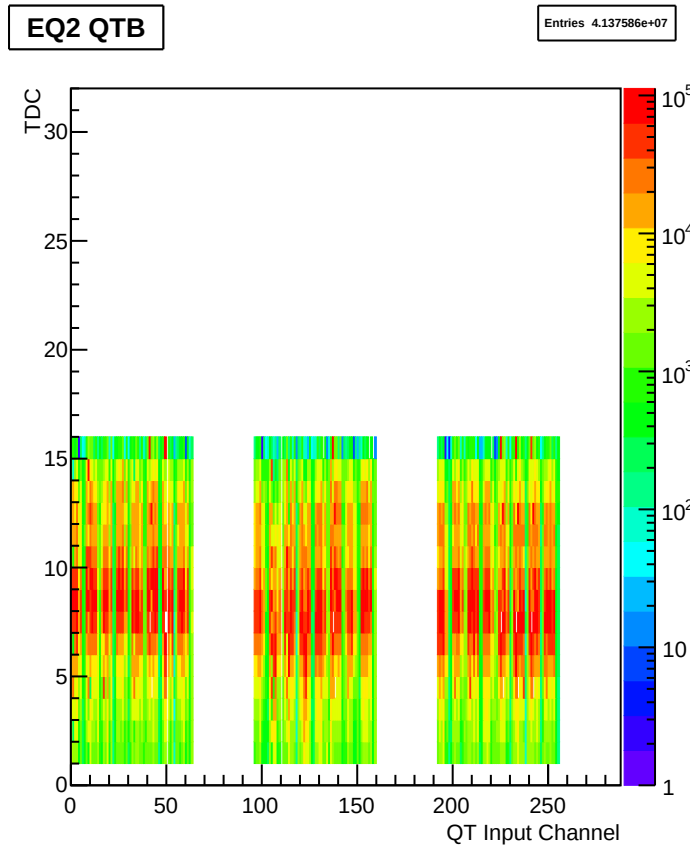

EQ1 QTB
Entries 1.573266e+08
ADC
QT Input Channel

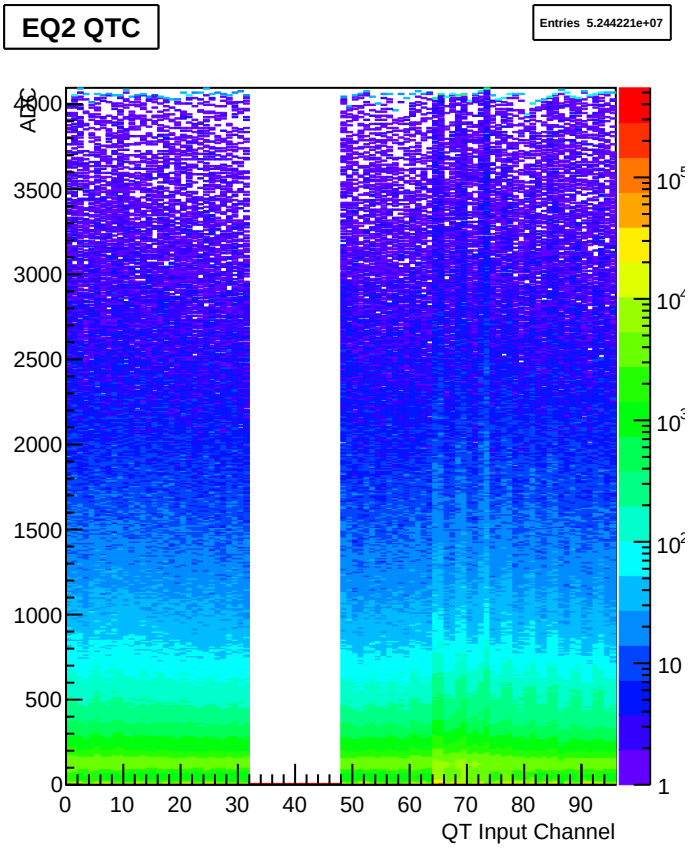

EQ1 QTB
Entries 5.653404e+07
TDC
QT Input Channel

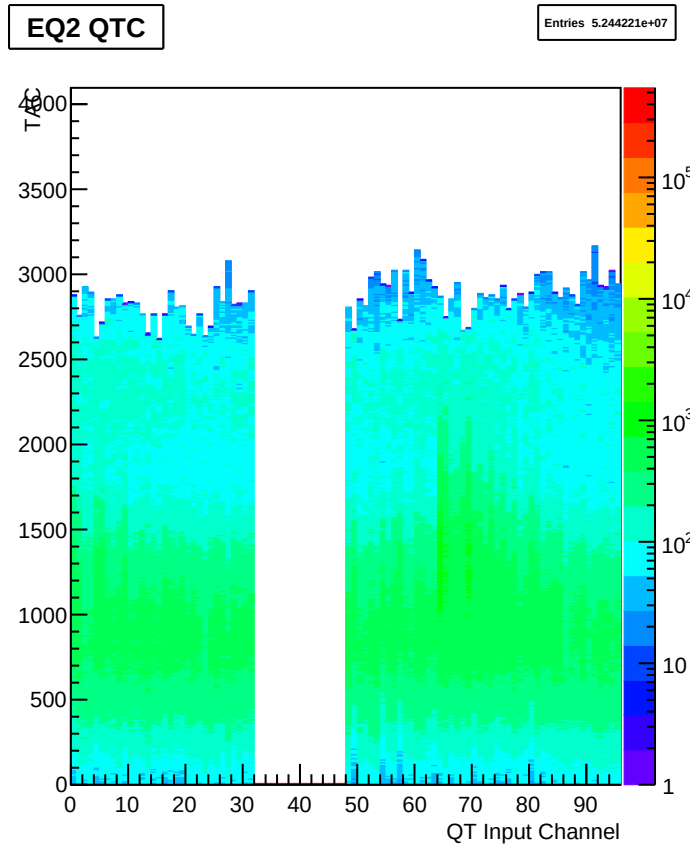

EQ1 QTC
Entries 5.244221e+07
ADC
QT Input Channel

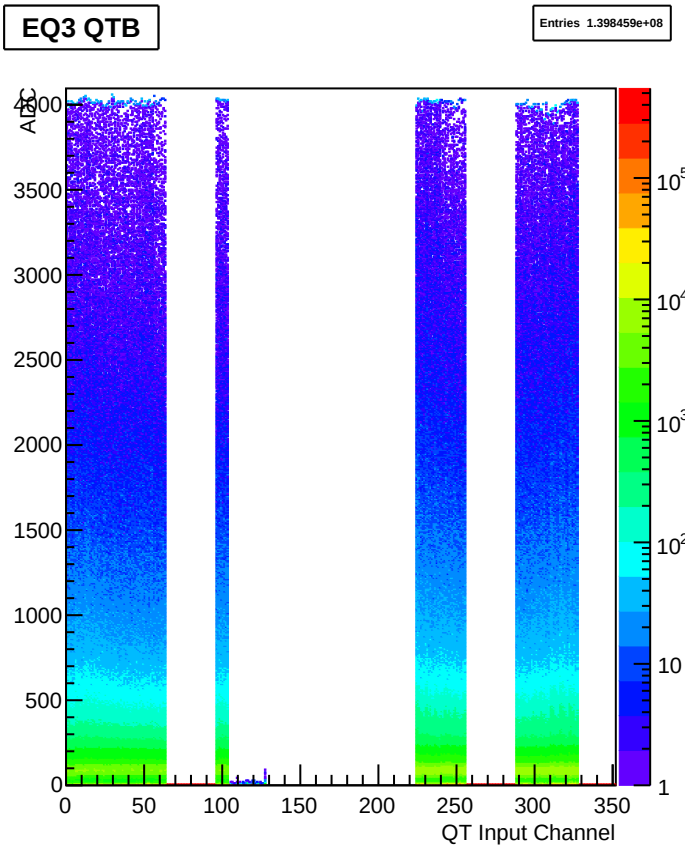

EQ1 QTC
Entries 5.244221e+07
TADC
QT Input Channel

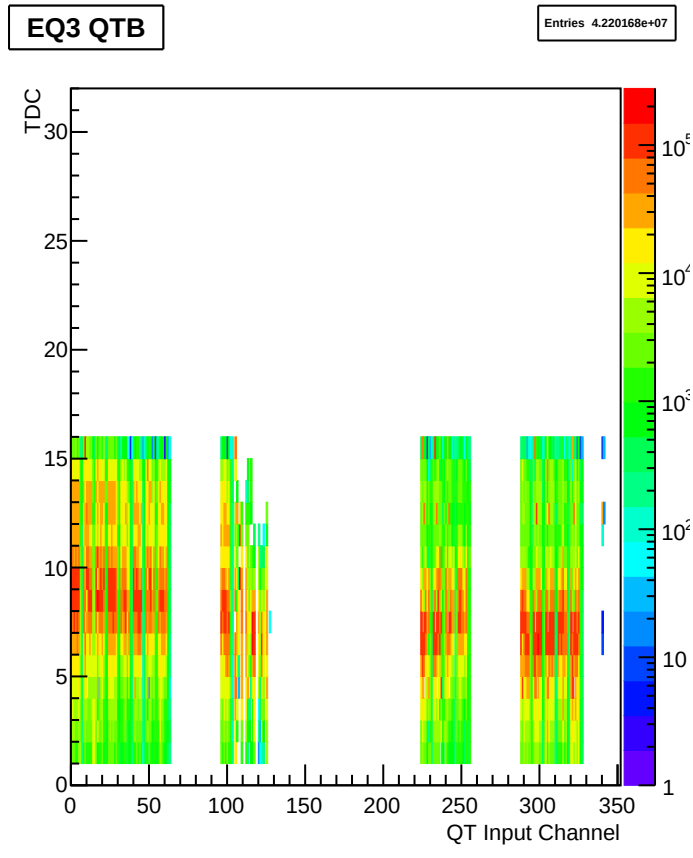

EQ2 QTB
Entries 1.573266e+08
ADC
QT Input Channel

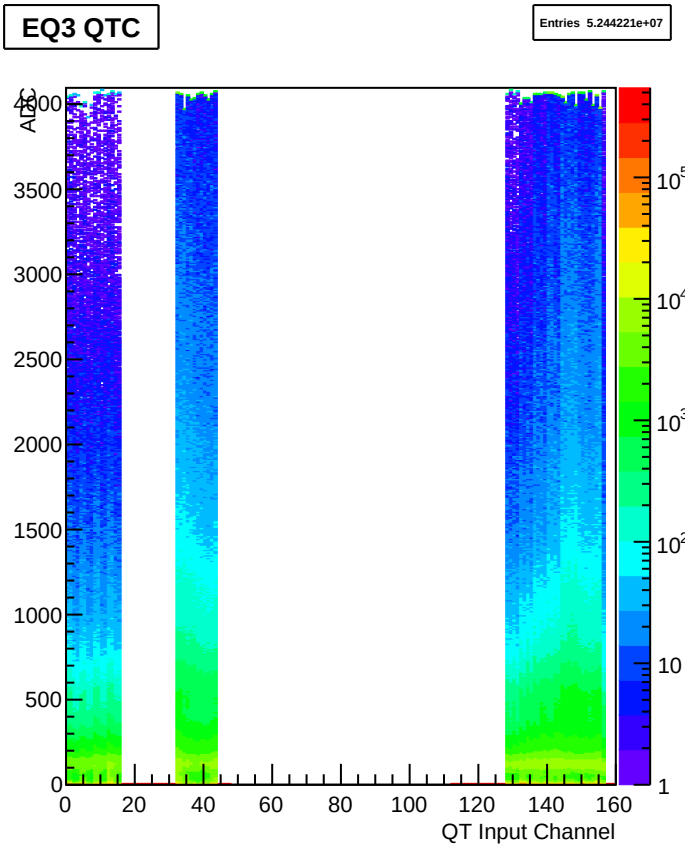

EQ2 QTB
Entries 4.137586e+07
TDC
QT Input Channel

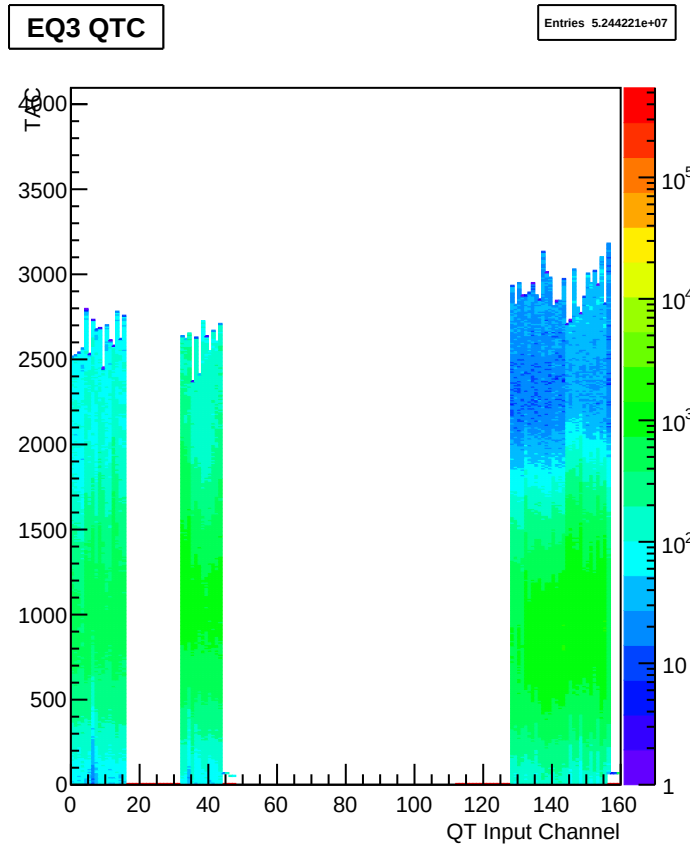

EQ2 QTC
Entries 5.244221e+07
ADC
QT Input Channel

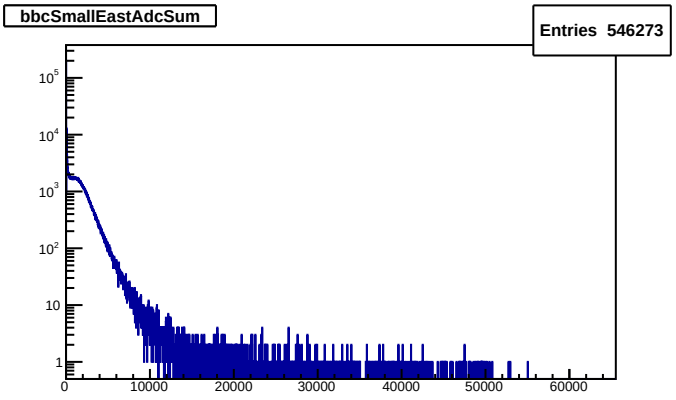

EQ2 QTC
Entries 5.244221e+07
TADC
QT Input Channel

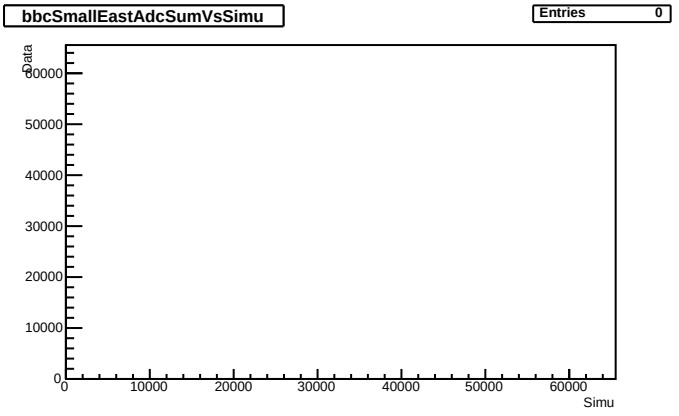

EQ3 QTB
Entries 1.398459e+08
ADC
QT Input Channel

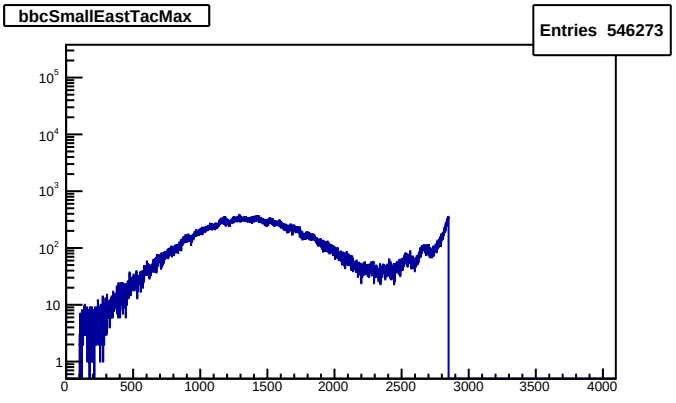

EQ3 QTB
Entries 4.220168e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.244221e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.244221e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 546273


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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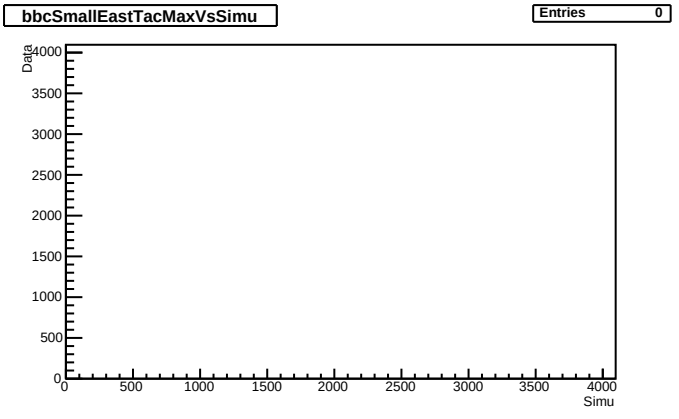
Entries 546273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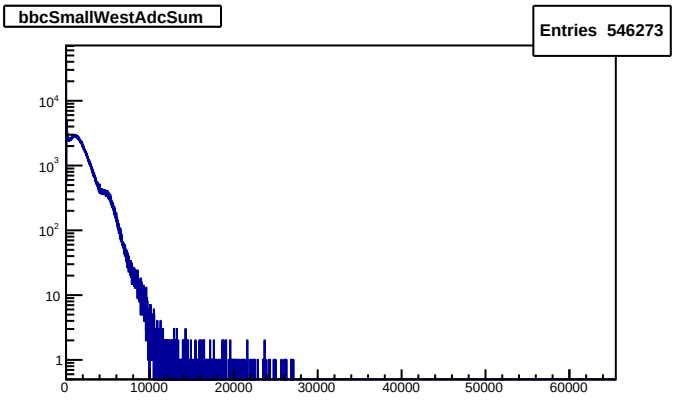
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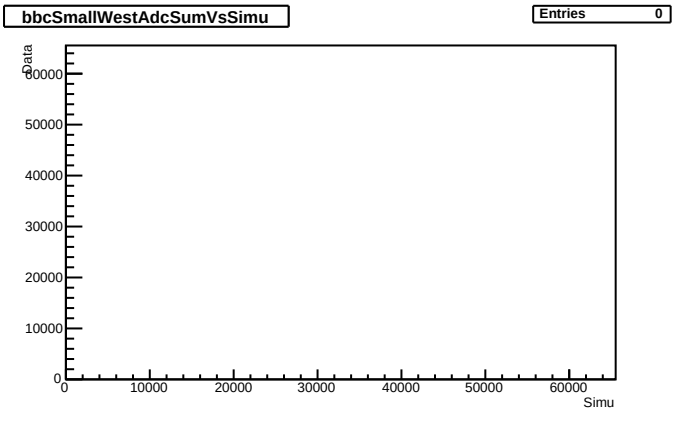
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Entries 0
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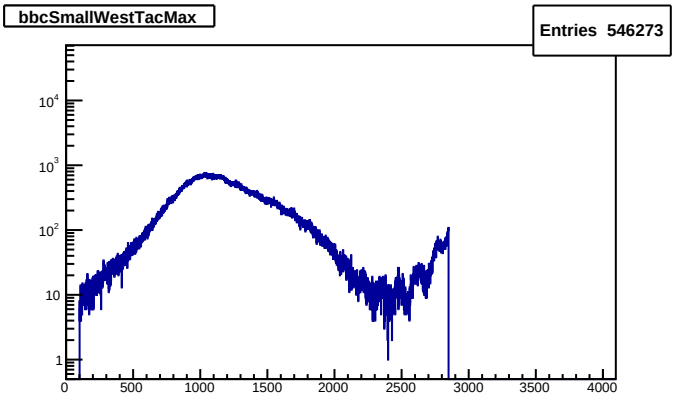
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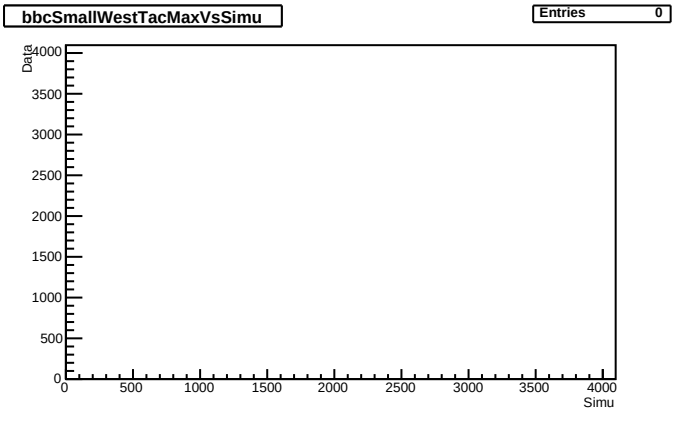
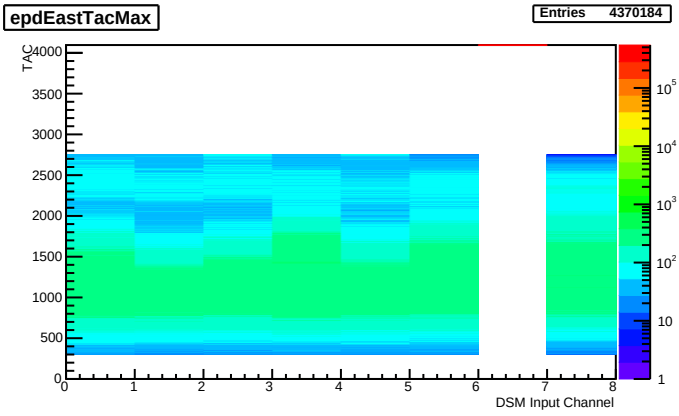

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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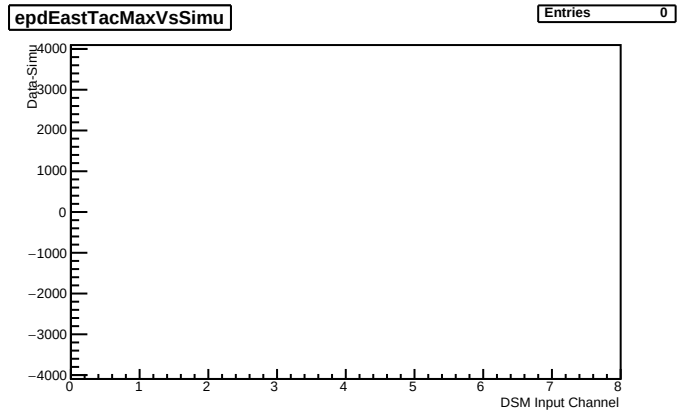
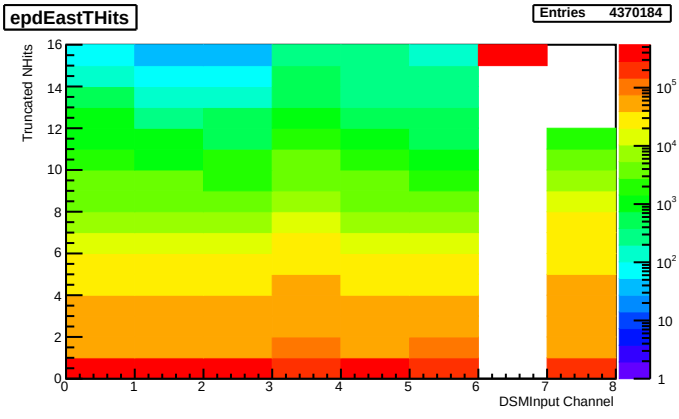
Entries 4370184
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4370184
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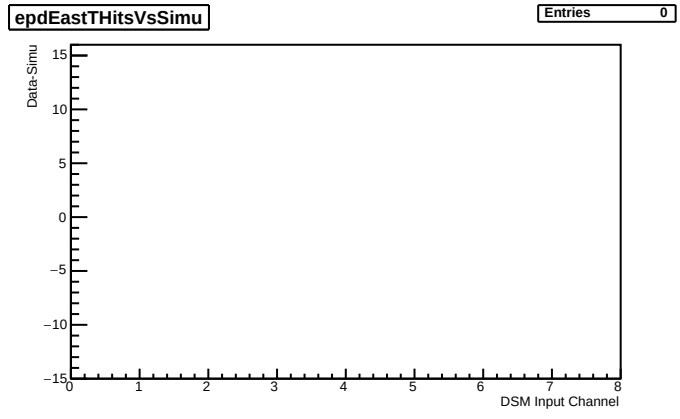
DSMInput Channel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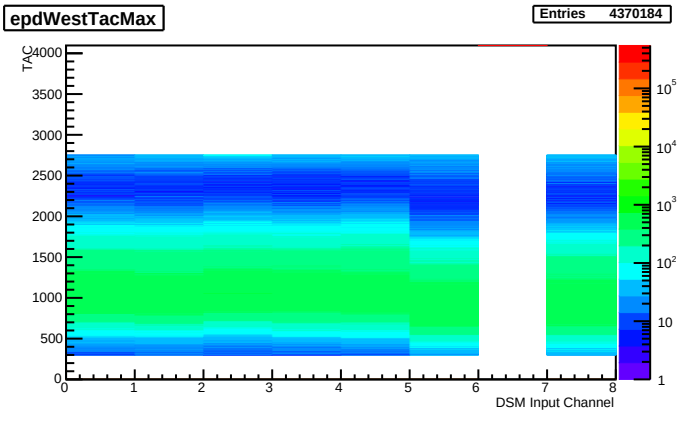
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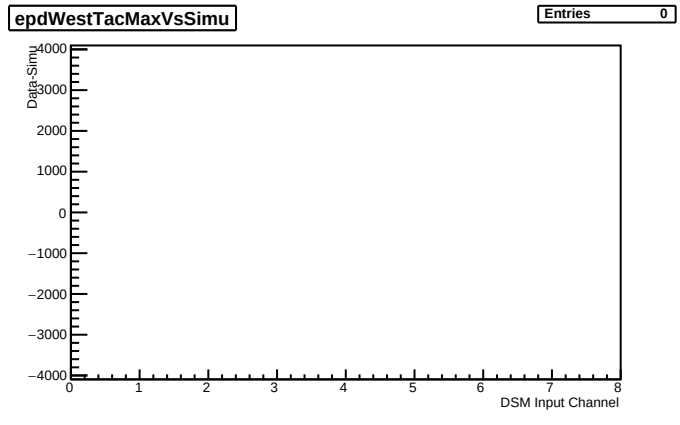
DSM Input Channel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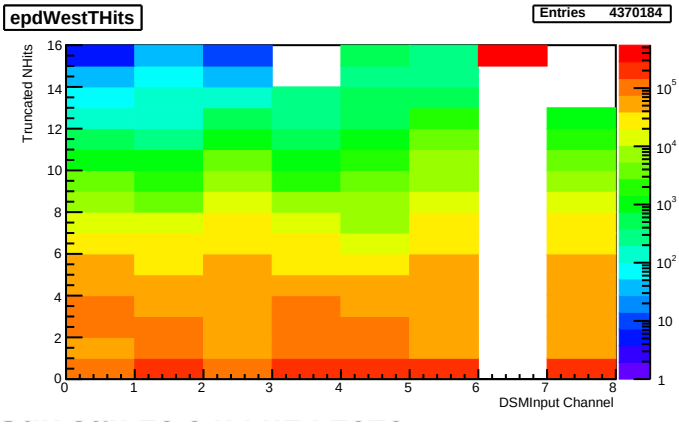
Data-Simu
DSM Input Channel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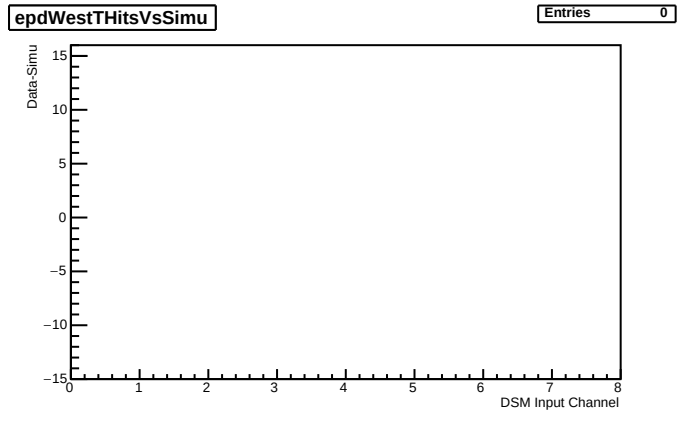
Entries 4370184
Truncated NHits
DSMInput Channel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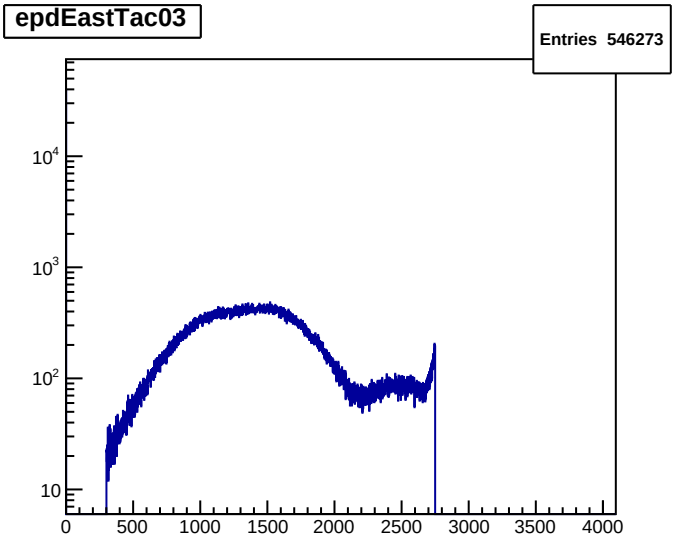
DSM Input Channel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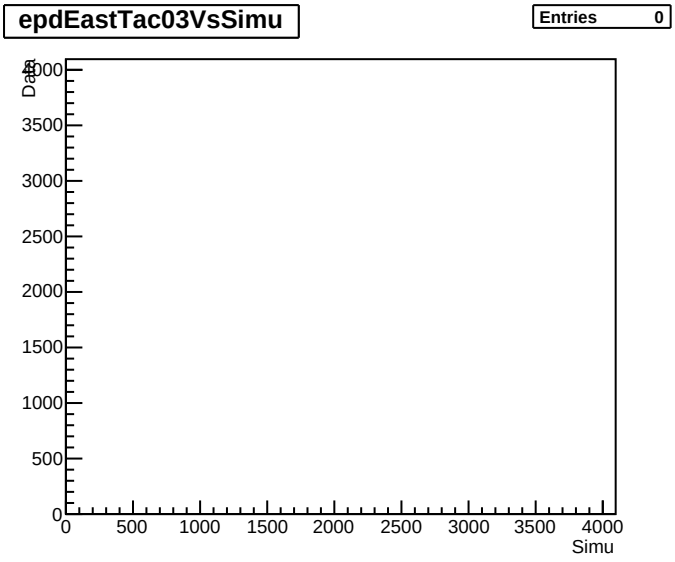
Entries 546273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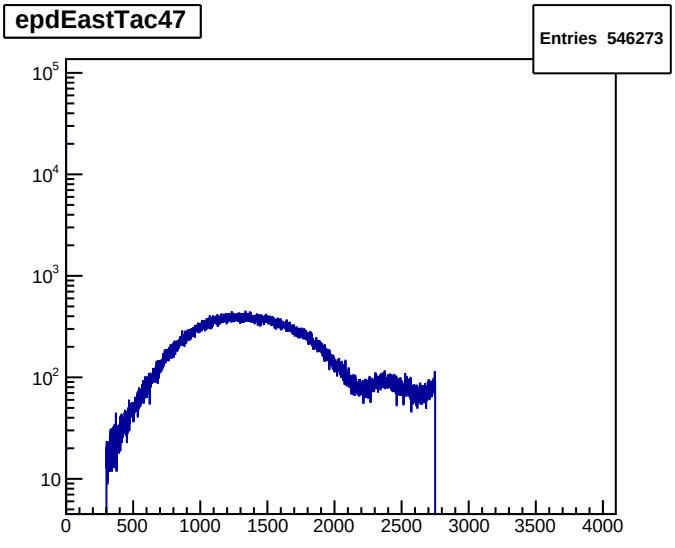
Entries 0
Data
Simu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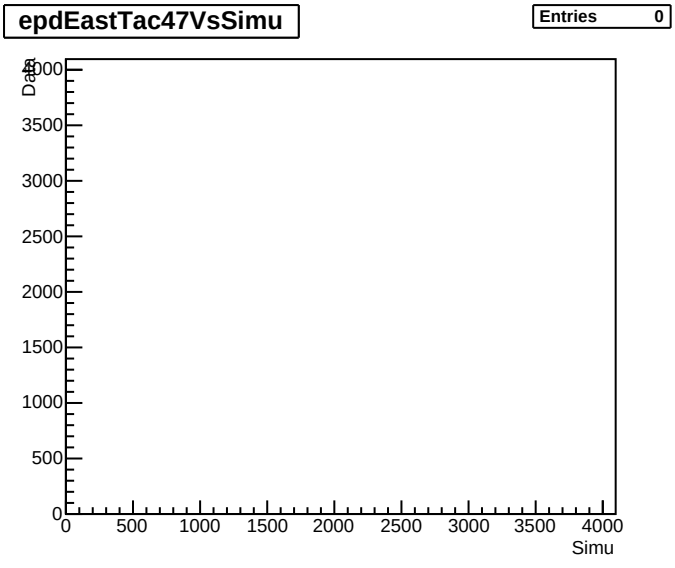
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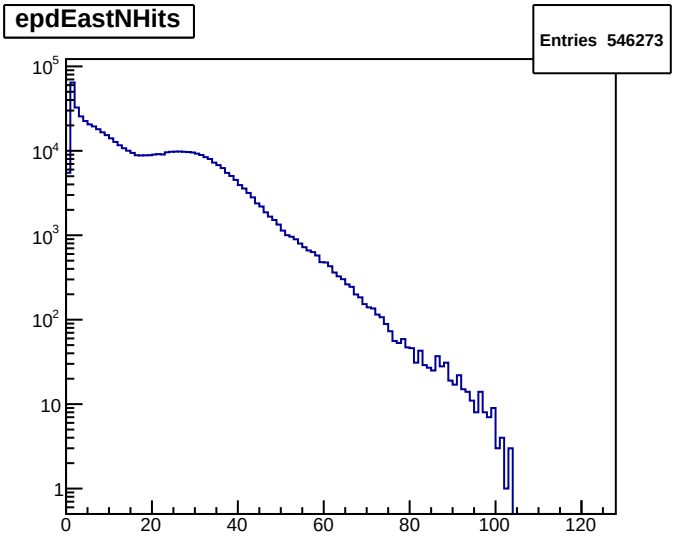
Entries 0
Data
Simu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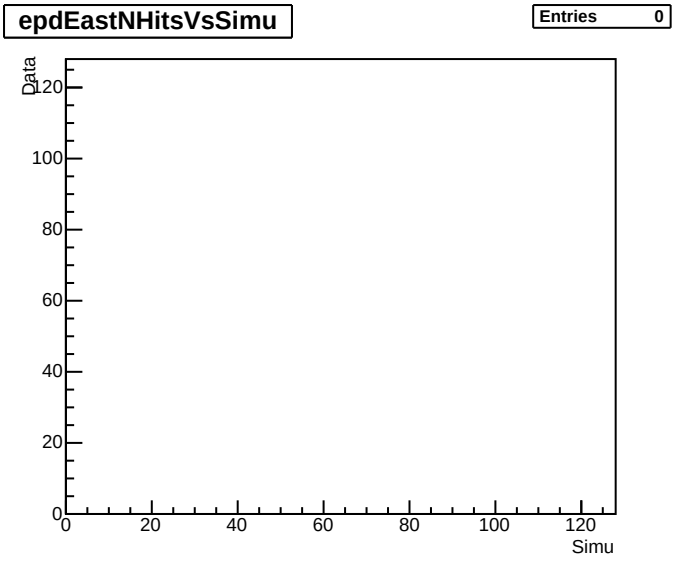
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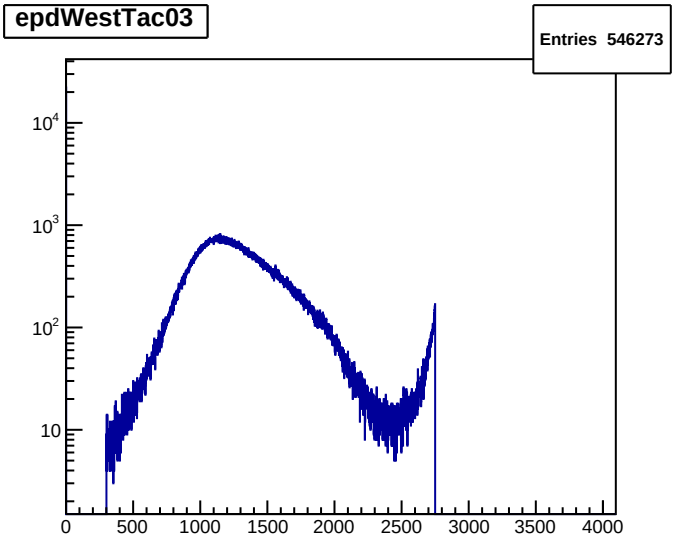
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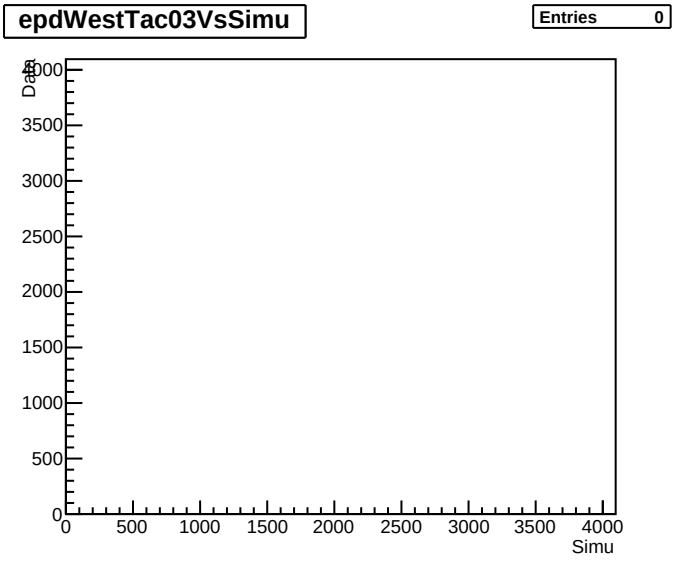
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Entries 0
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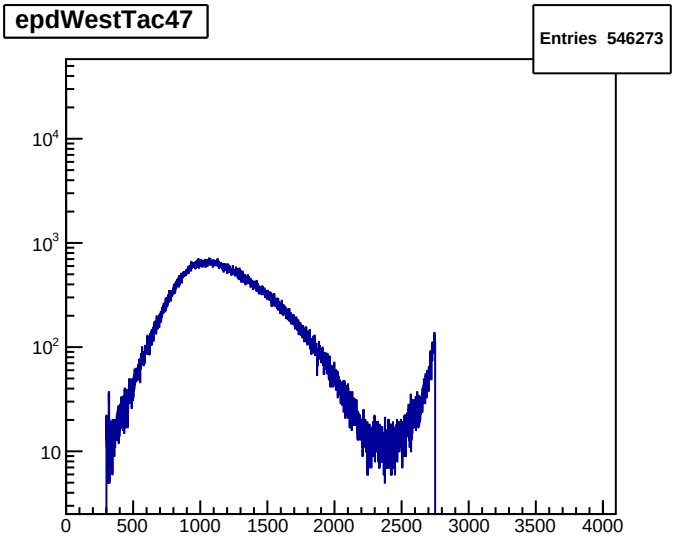
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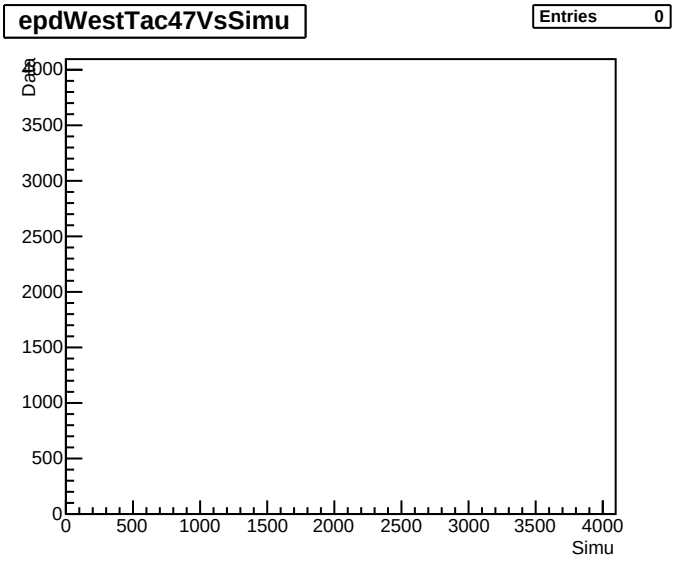
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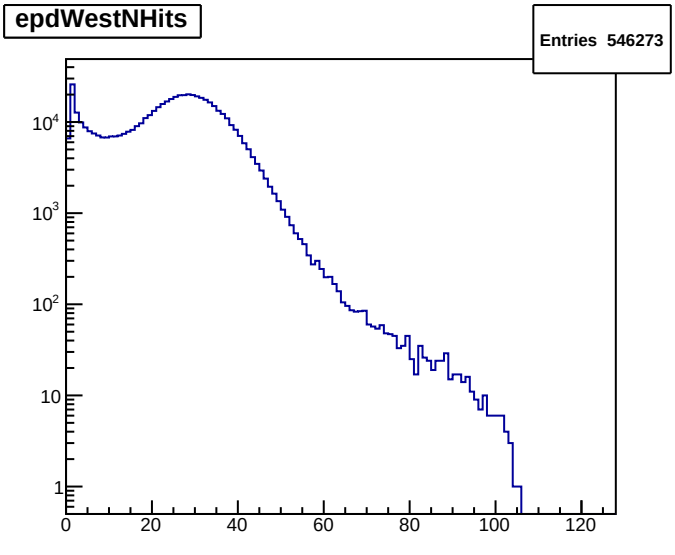
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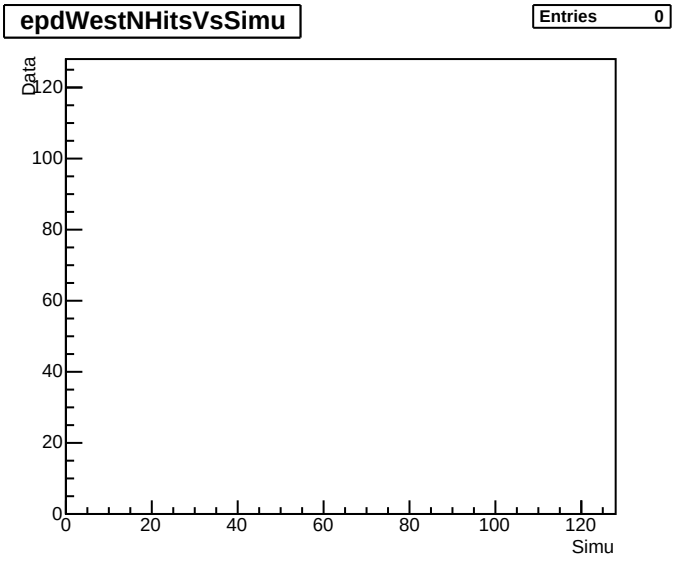
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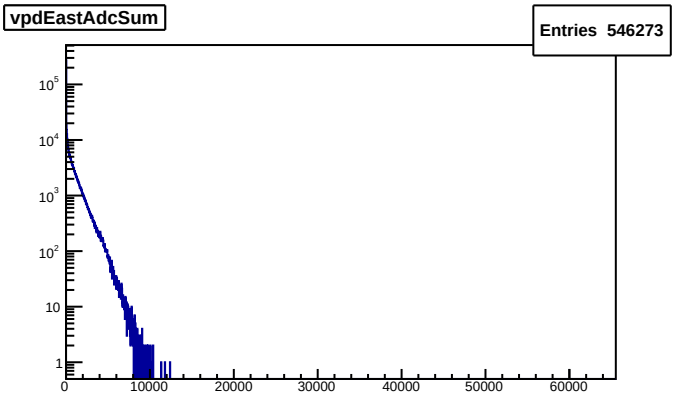
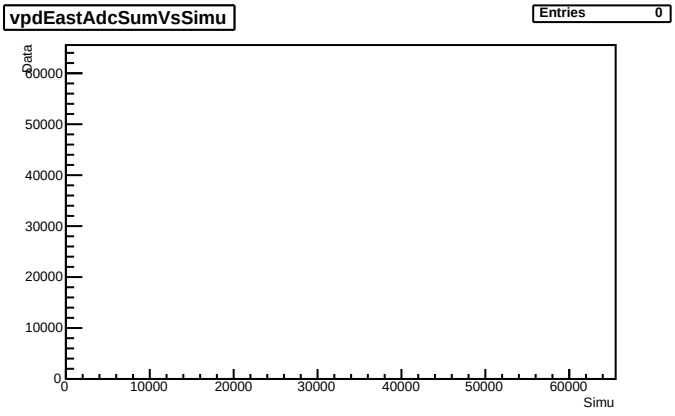
Entries 0
Data
Simu


vpdEastAdcSum
Entries 546273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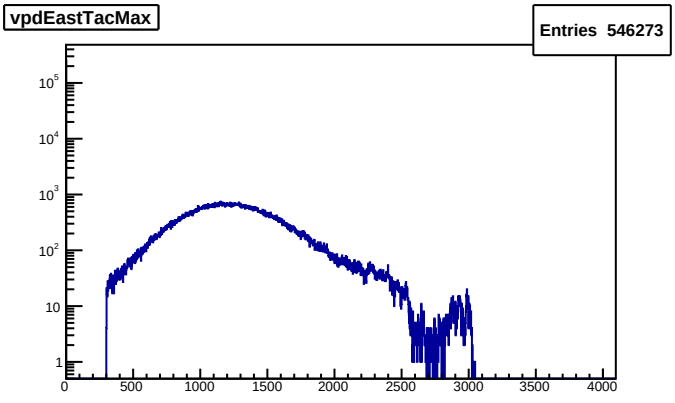
Entries 0
Data
Simu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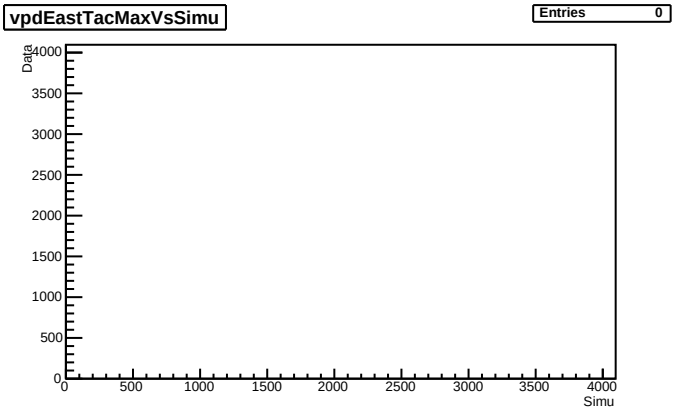
Entries 546273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Entries 0
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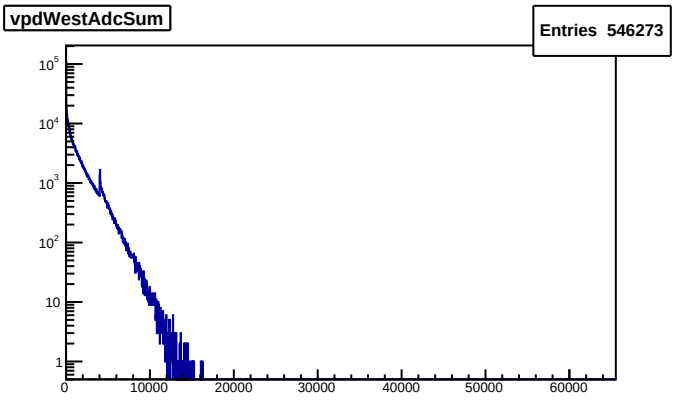
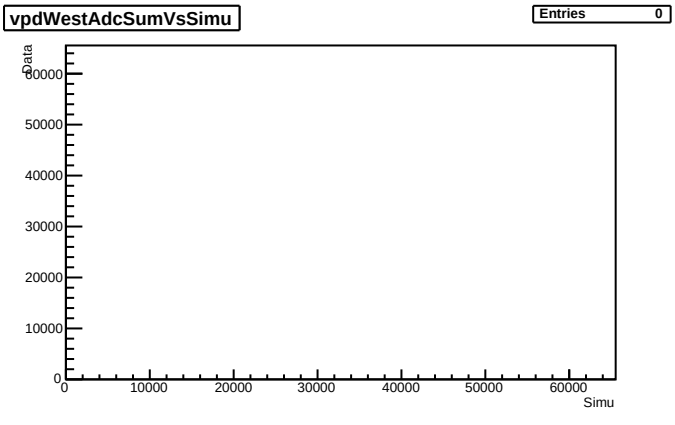

vpdWestAdcSum
Entries 546273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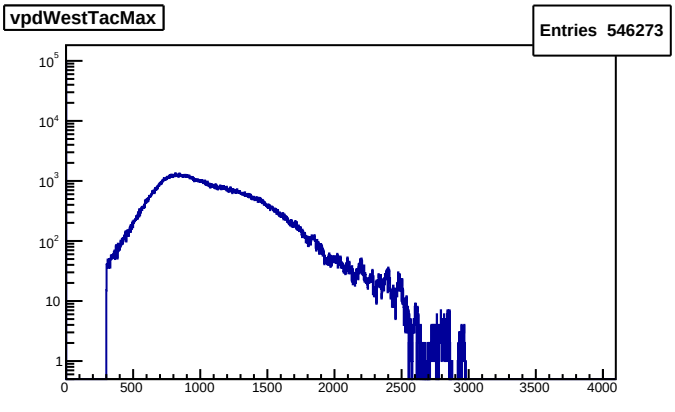
Entries 0
Data
Simu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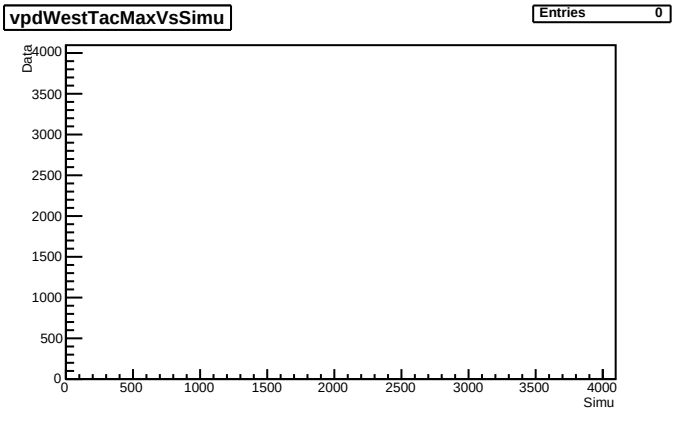
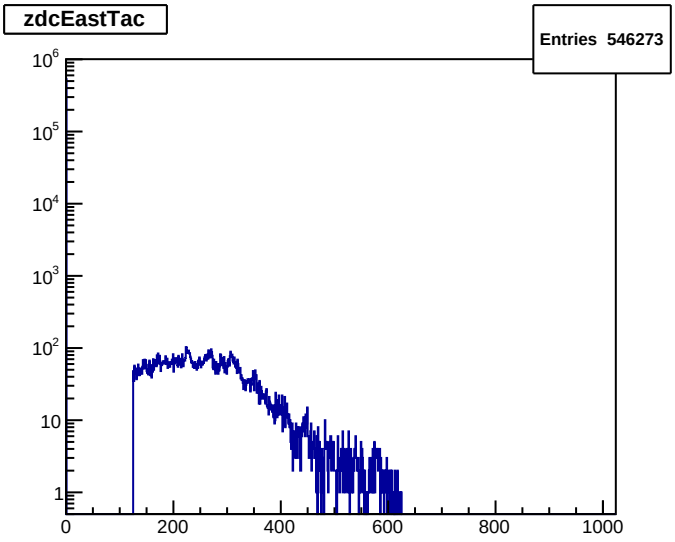
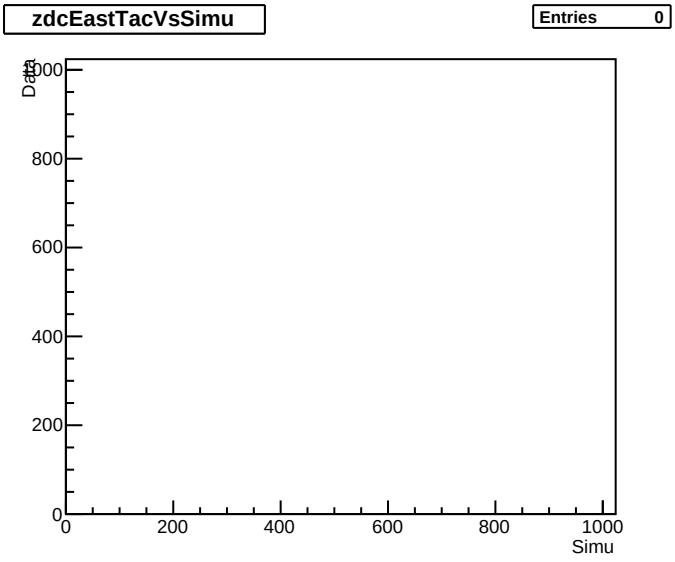
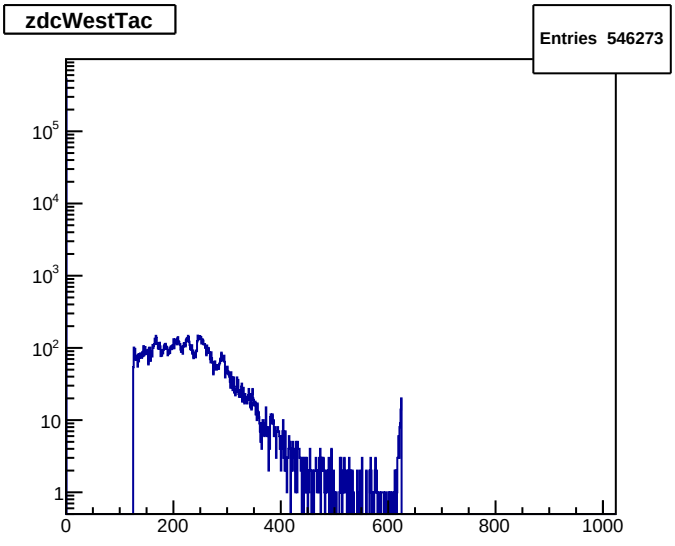
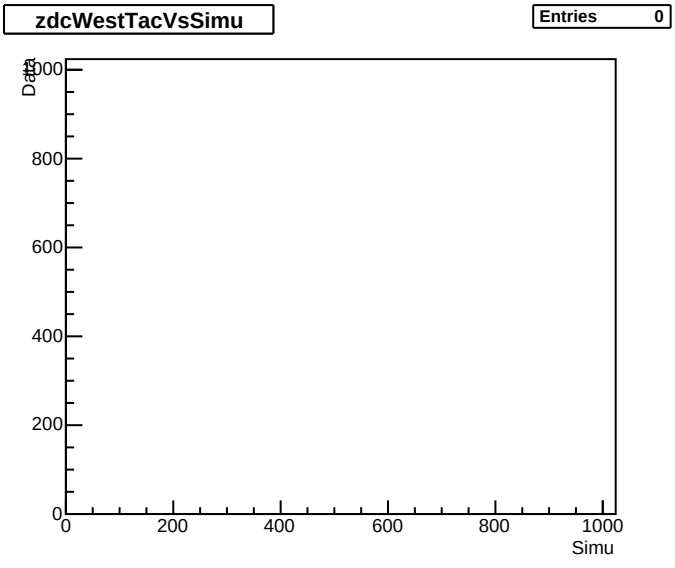
Entries 546273

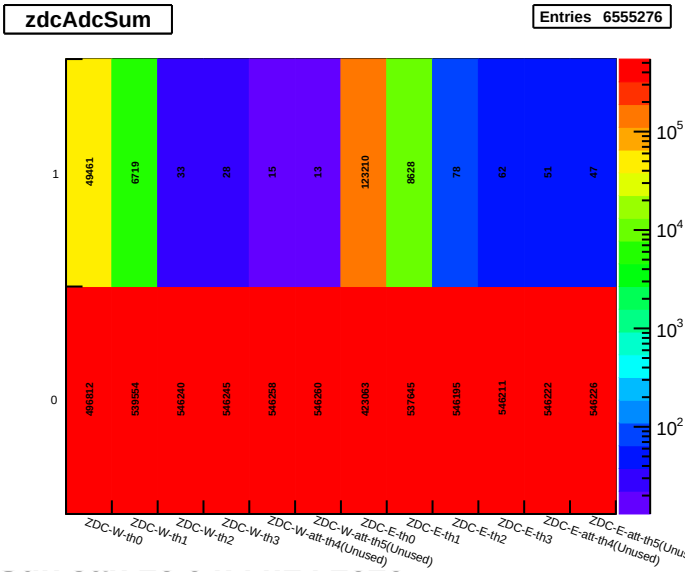

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 546273


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 546273


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 6555276
49461
6719
33
28
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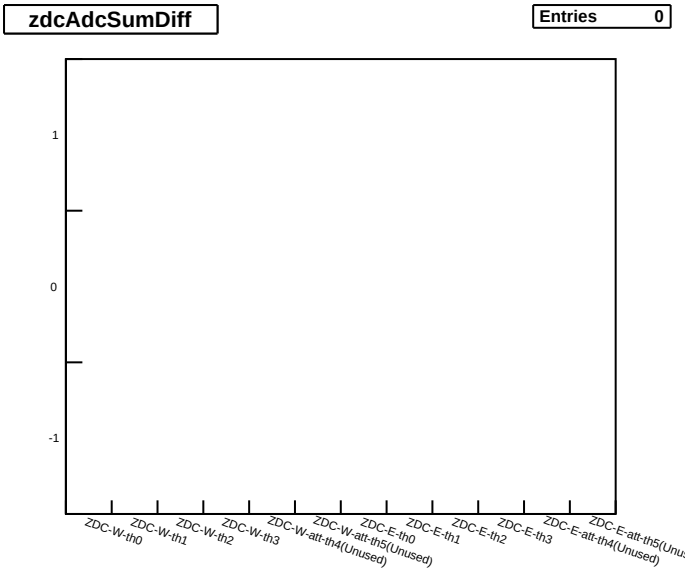
123210
8628
78
62
51
47
496812
539554
546240
546245
546258
546260
423663
537645
546195
546211
546222
546226
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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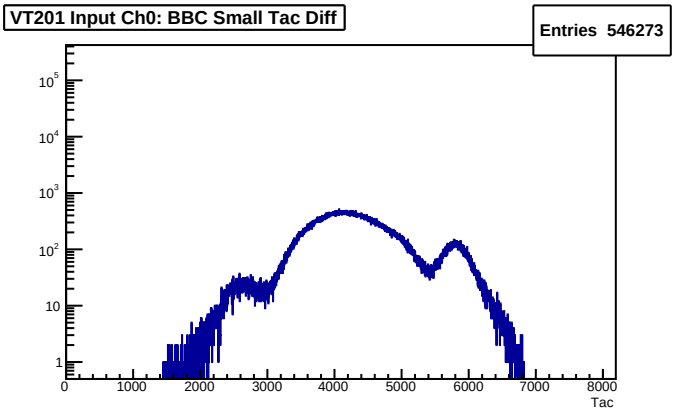
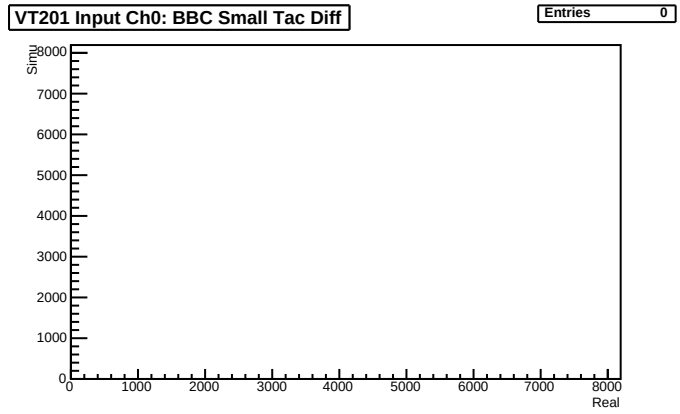
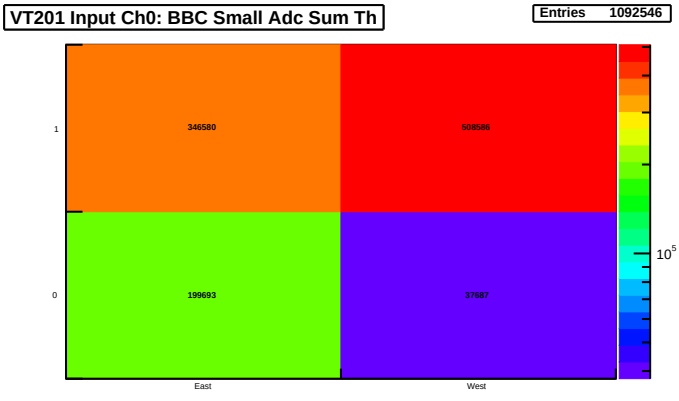
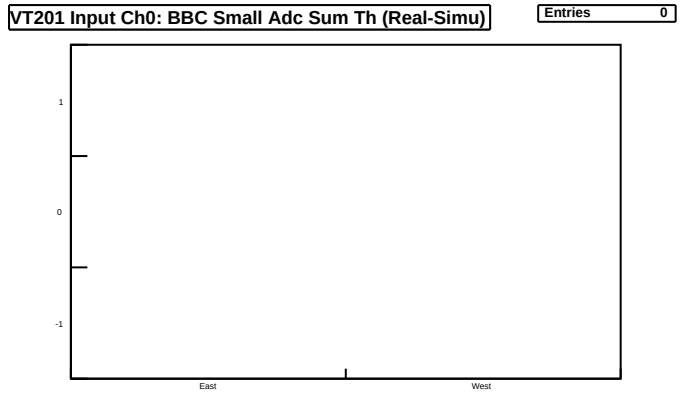
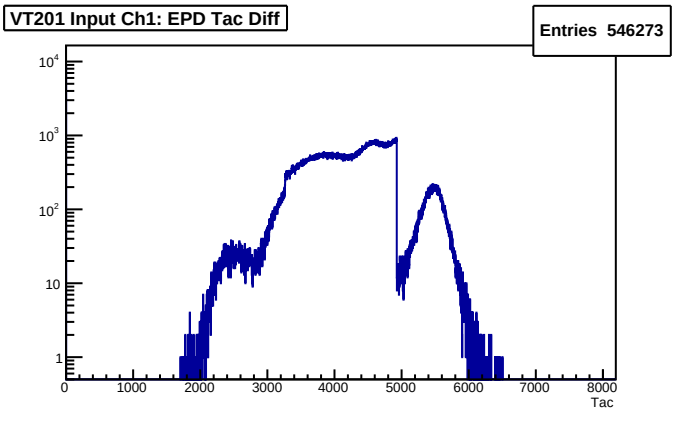
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

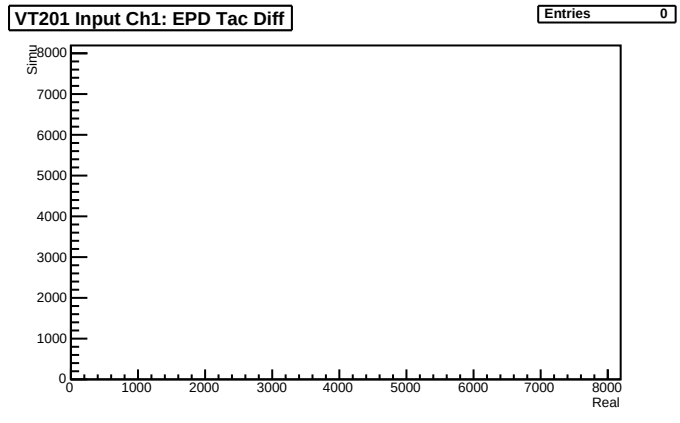

VT201 Input Ch0: BBC Small Tac Diff
Entries 546273
Tac

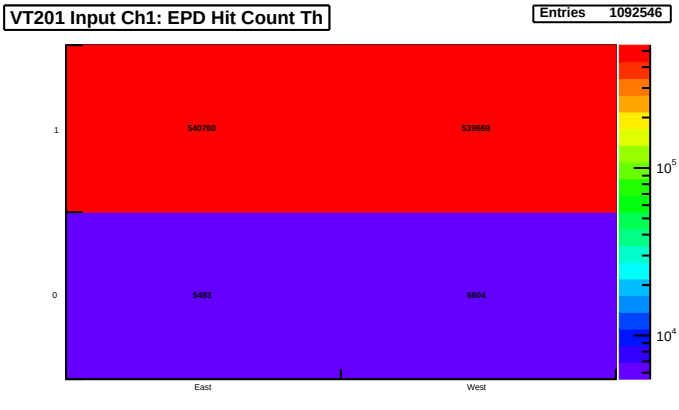

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

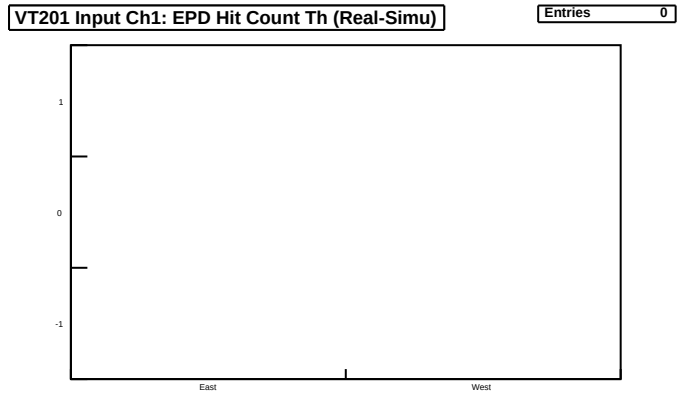

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1092546
346580
508586
199693
37687
East
West

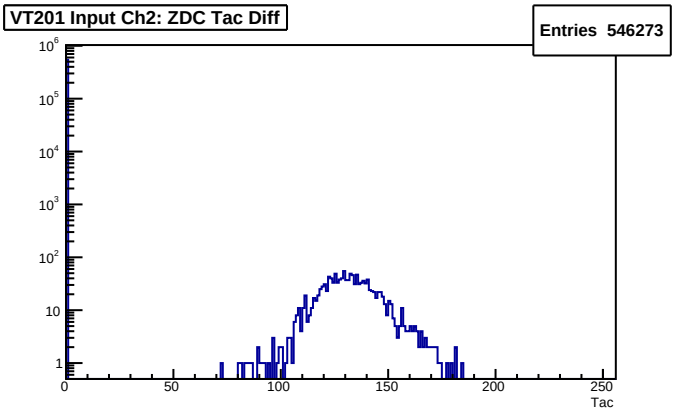

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

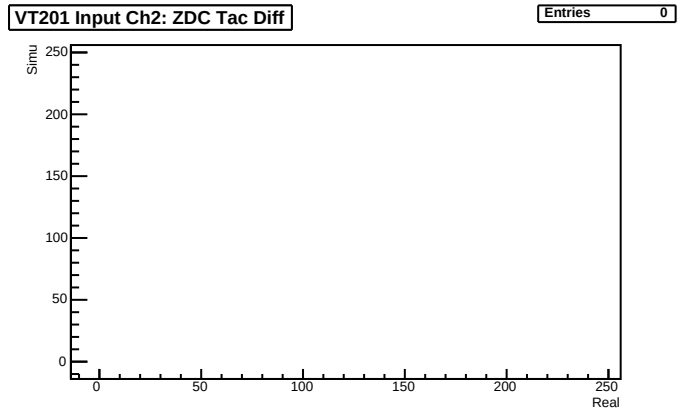

VT201 Input Ch1: EPD Tac Diff
Entries 546273
Tac

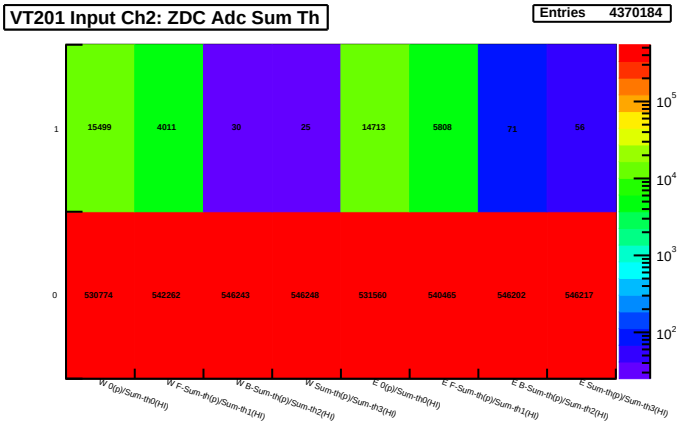

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

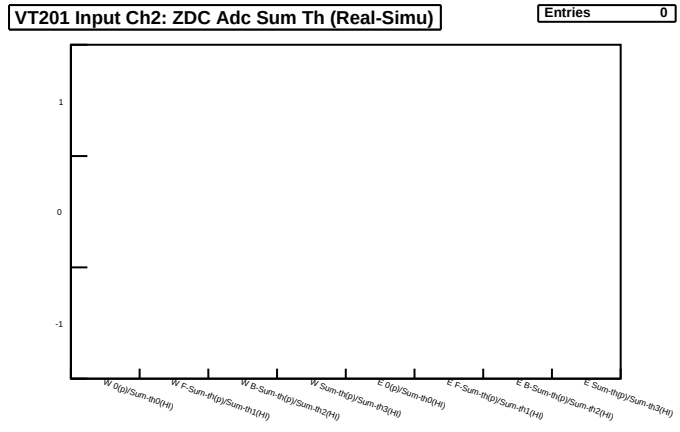

VT201 Input Ch1: EPD Hit Count Th
Entries 1092546
540780
539669
5493
6604
East
West

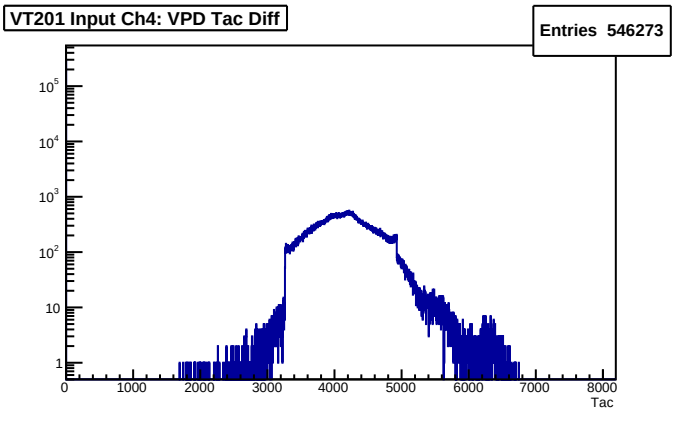

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

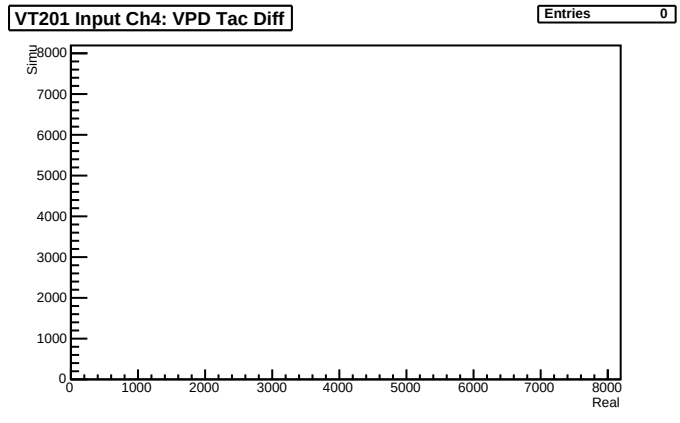

VT201 Input Ch2: ZDC Tac Diff
Entries 546273
Tac

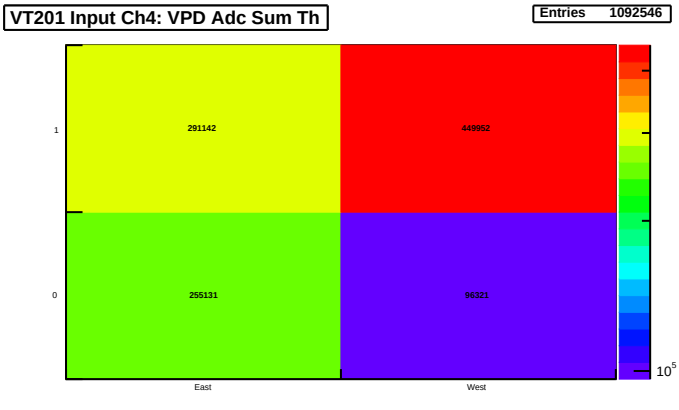

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

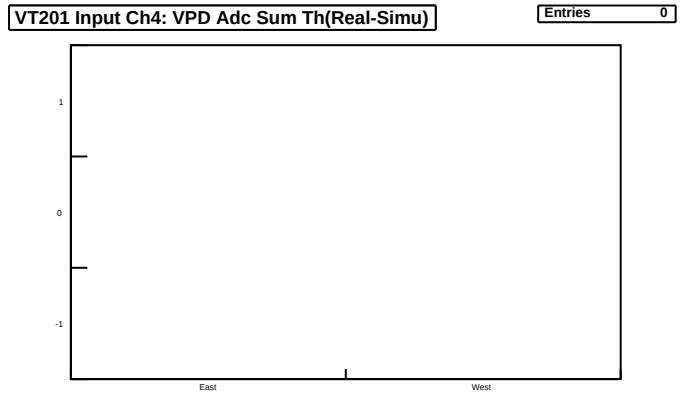

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4370184
15499
4011
30
25
14713
5808
71
56
530774
542262
546243
546248
531560
540465
546202
546217
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

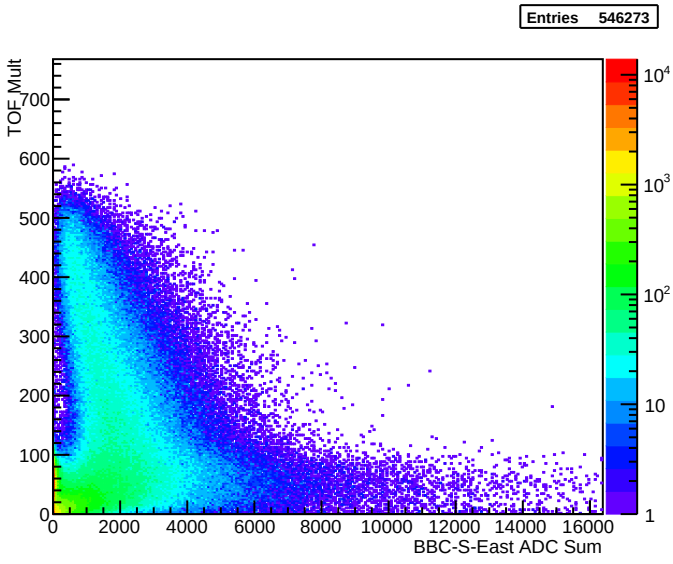

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

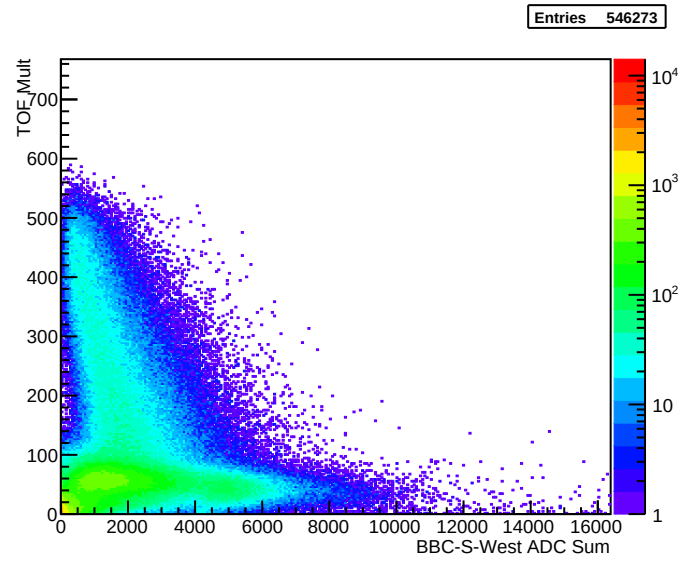

VT201 Input Ch4: VPD Tac Diff
Entries 546273
Tac

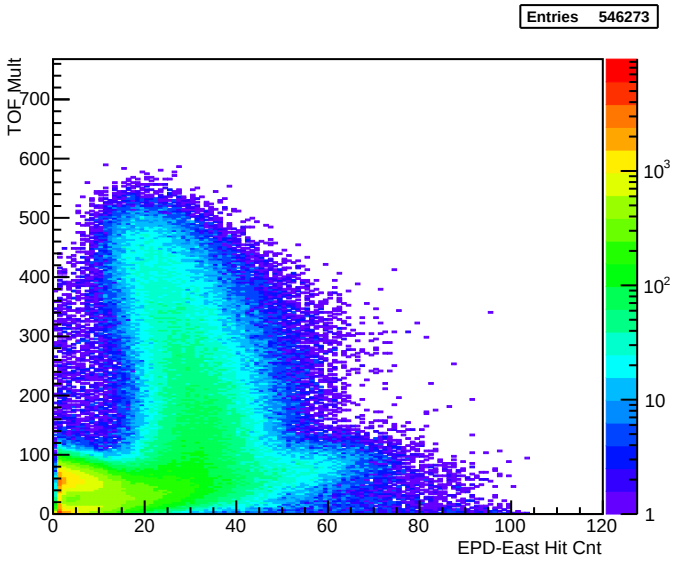

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

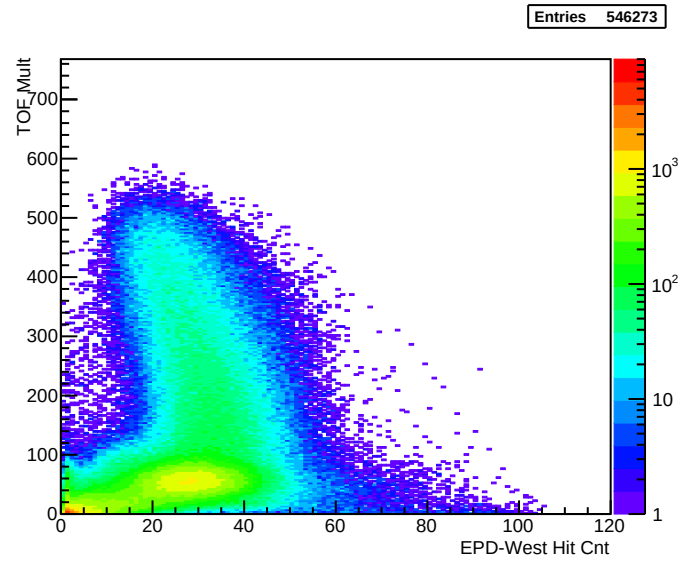

VT201 Input Ch4: VPD Adc Sum Th
Entries 1092546
291142
449952
255131
96321
East
West

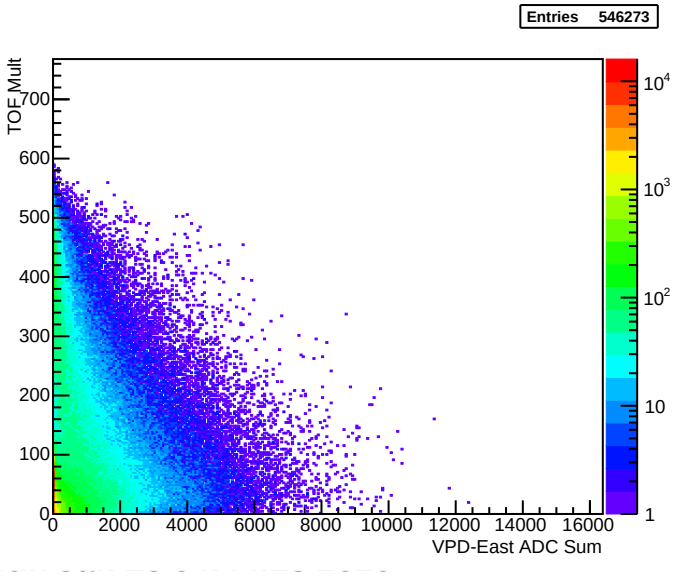

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

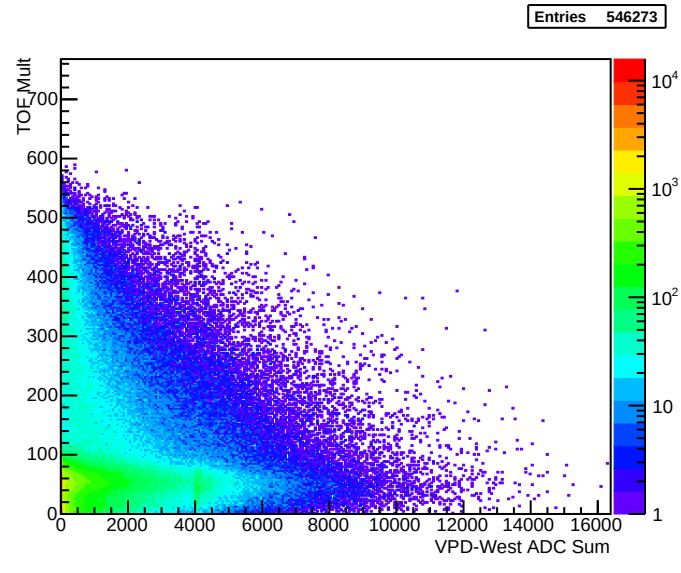

Entries 546273
TOF_Mult
BBC-S-East ADC Sum

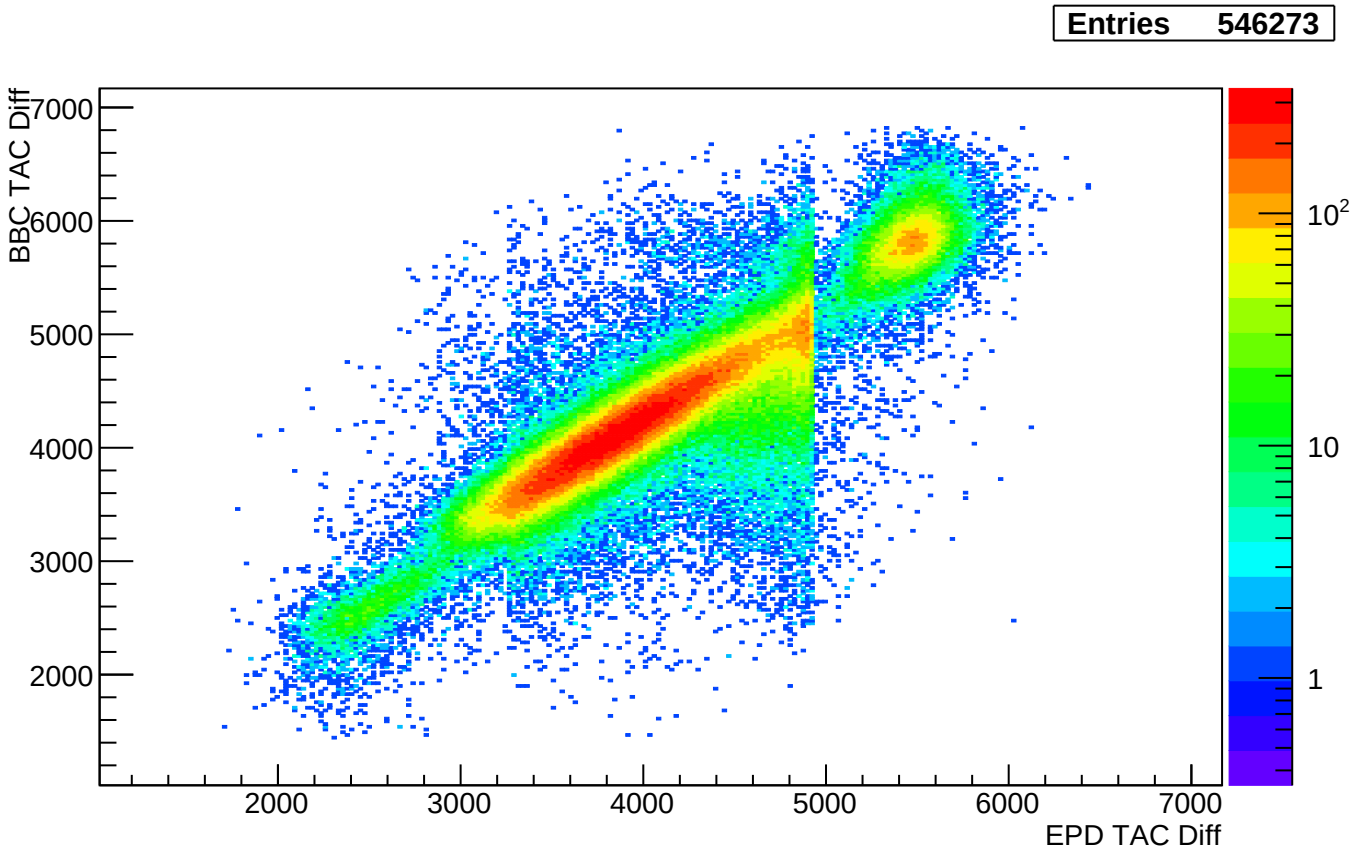

Entries 546273
TOF_Mult
BBC-S-West ADC Sum

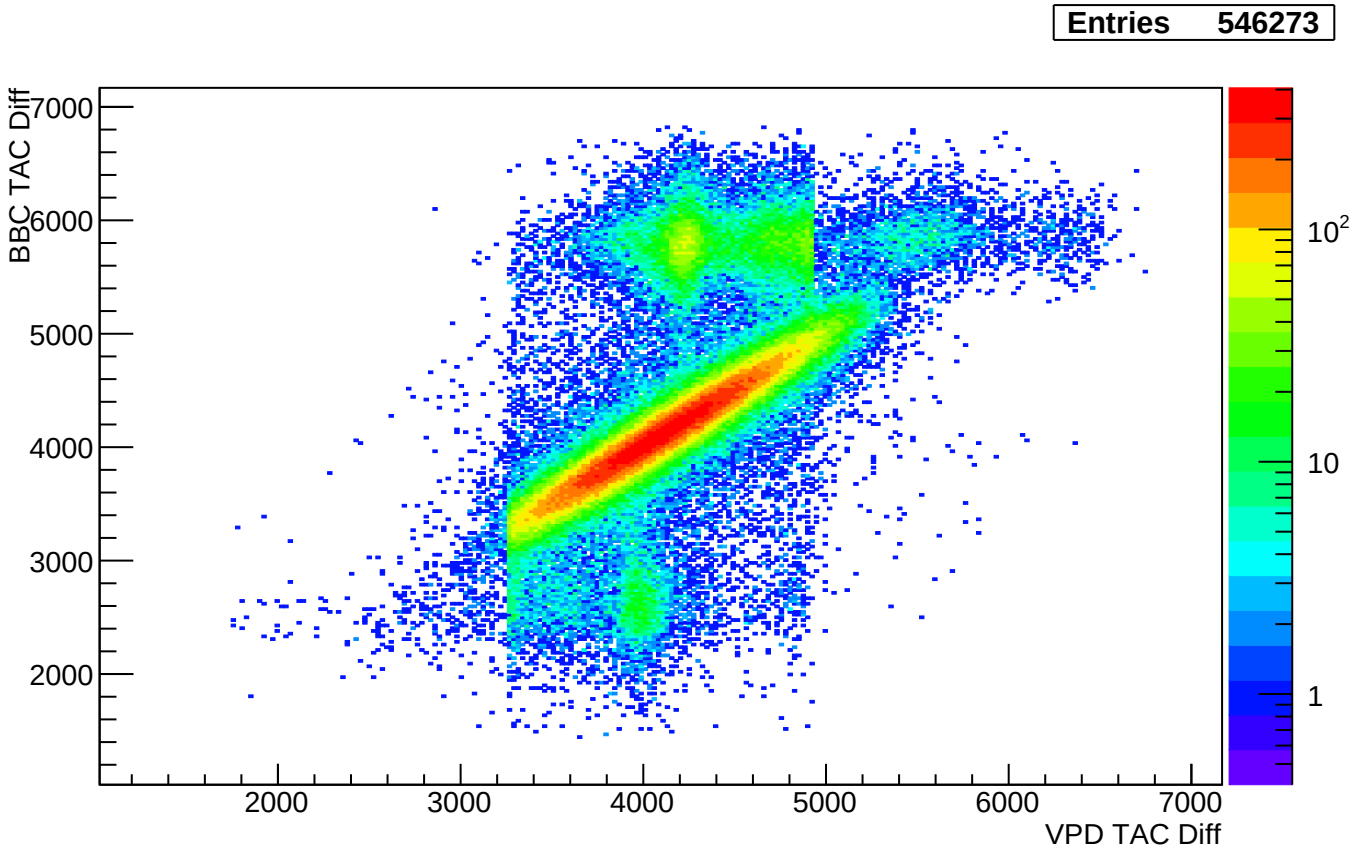

Entries 546273
TOF_Mult
EPD-East Hit Cnt

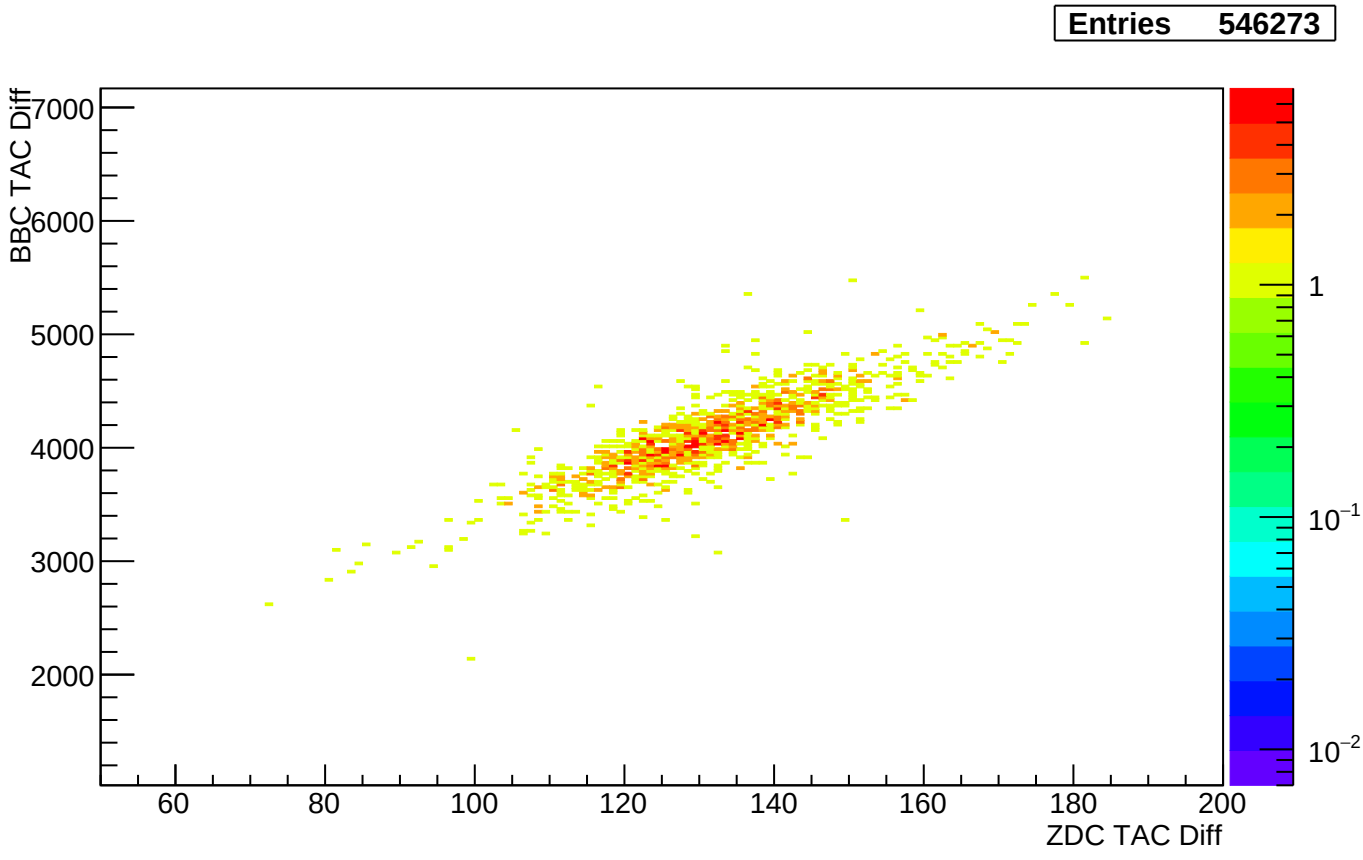

Entries 546273
TOF_Mult
EPD-West Hit Cnt

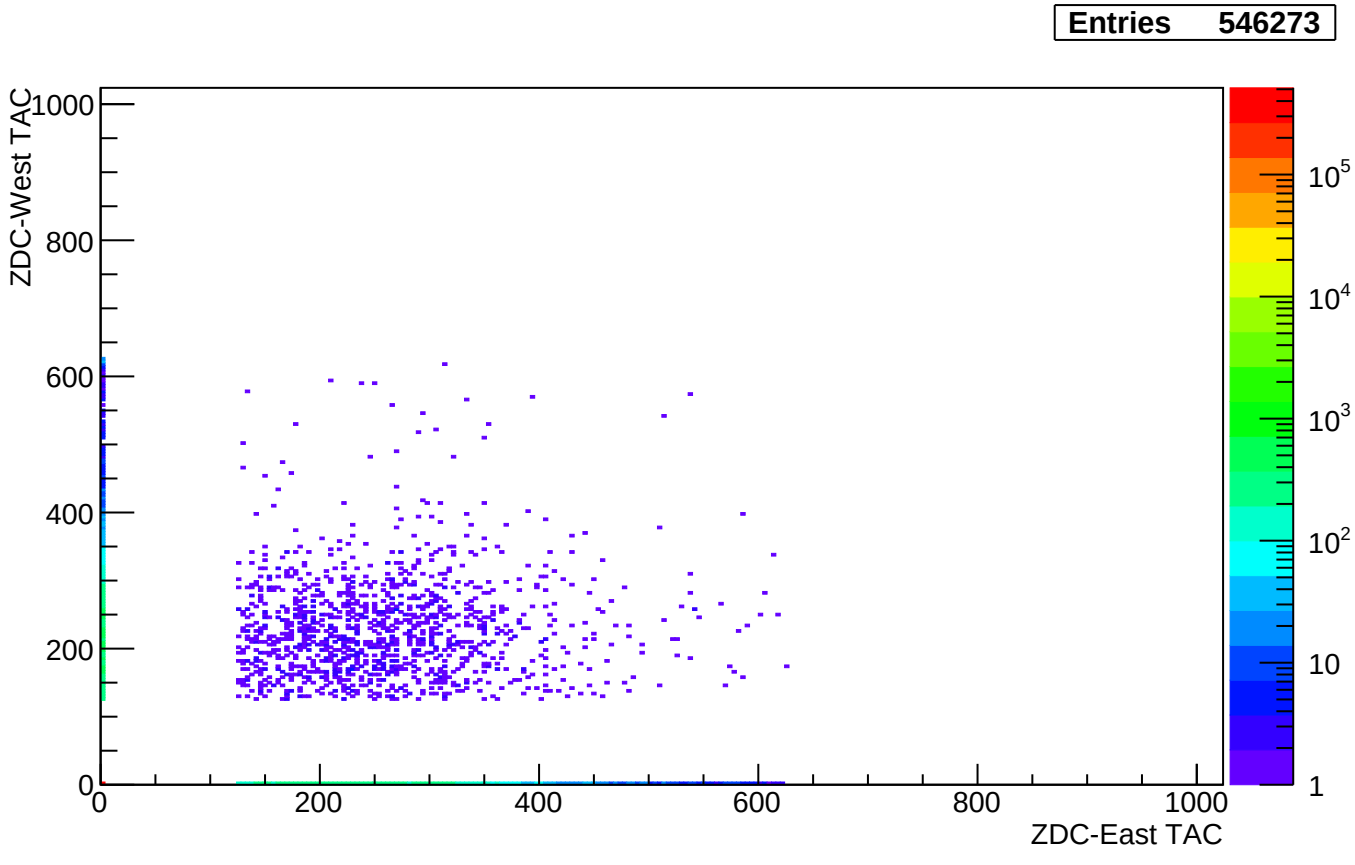

Entries 546273
TOF_Mult
VPD-East ADC Sum

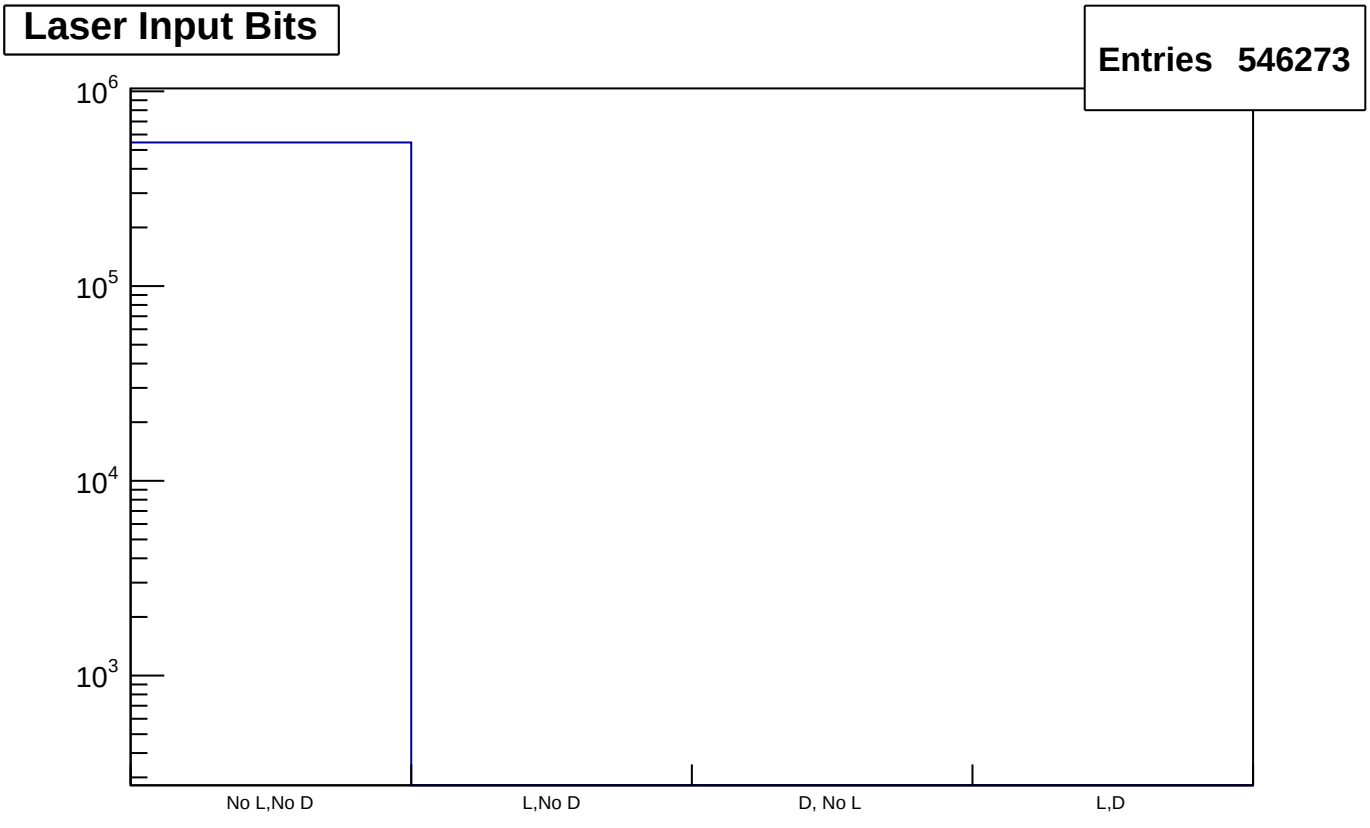

Entries 546273
TOF_Mult
VPD-West ADC Sum

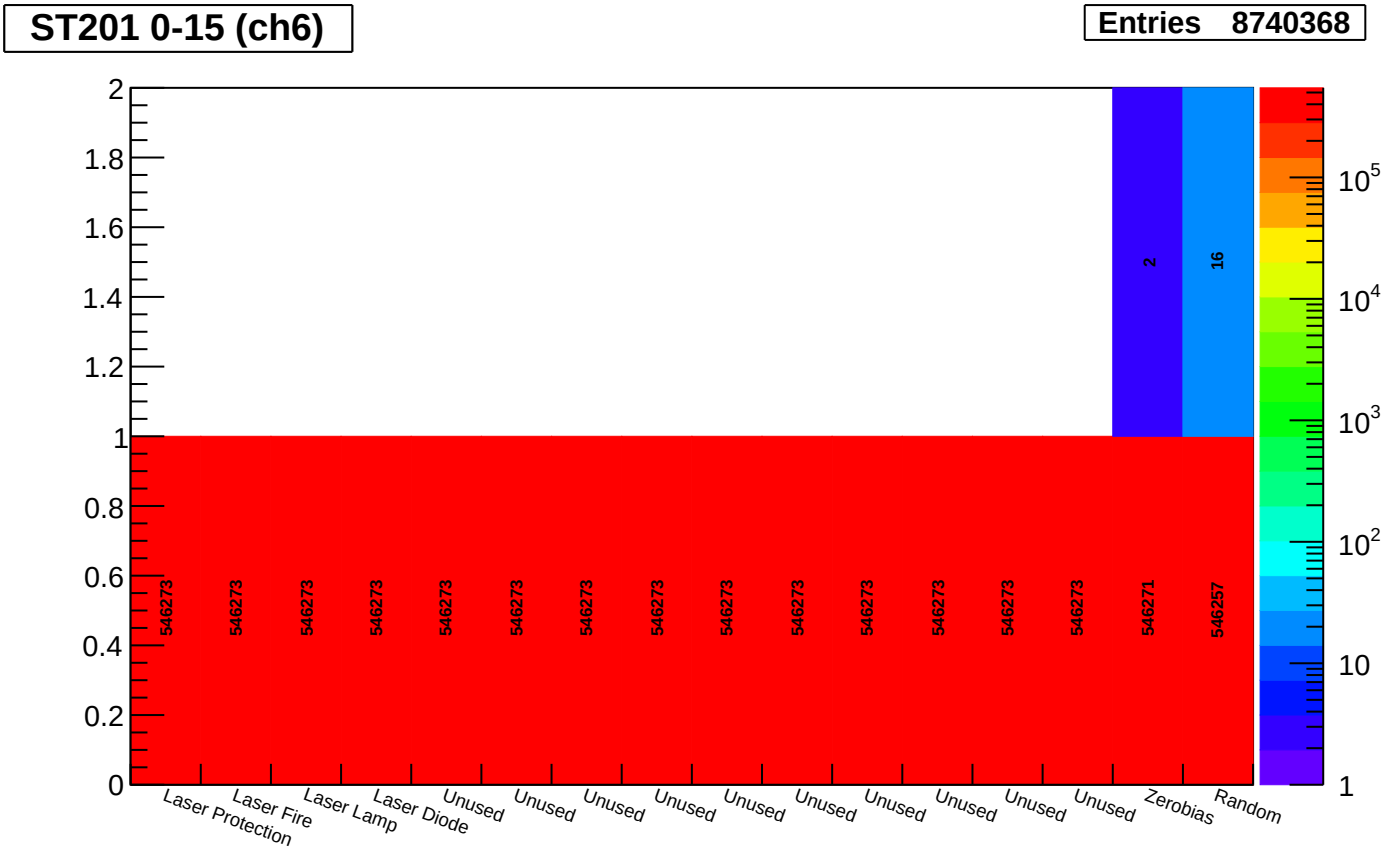

Entries 546273
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

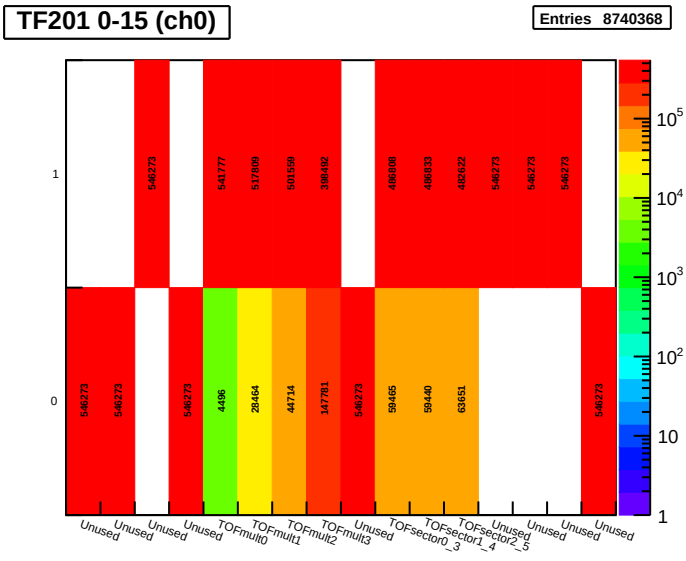

Entries 546273
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

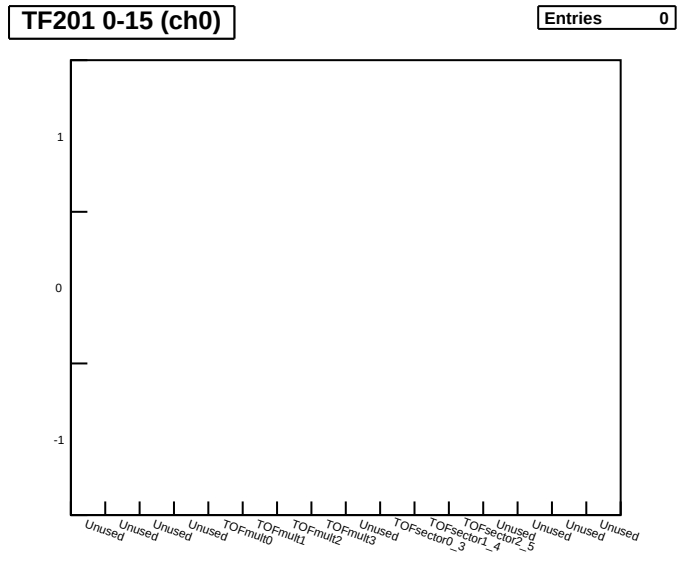

Entries 546273
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

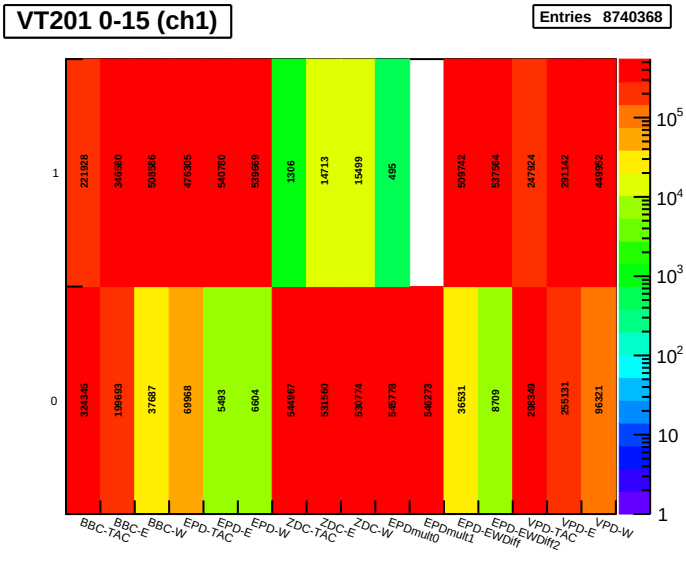

Entries 546273
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

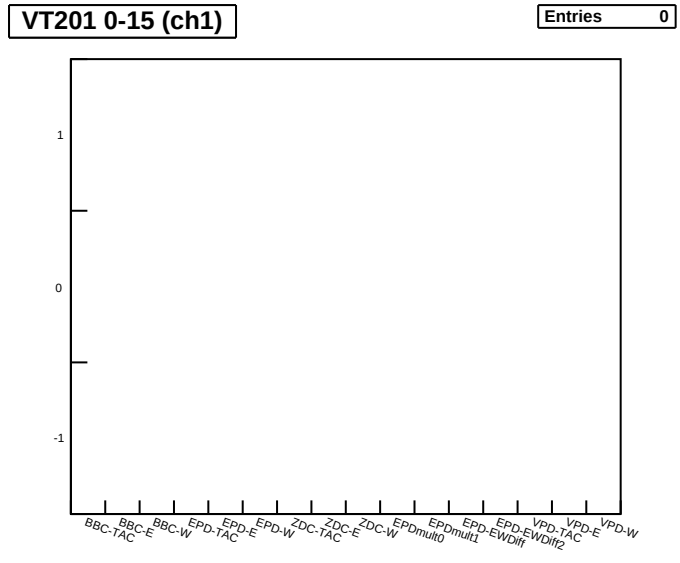

Laser Input Bits
Entries 546273
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

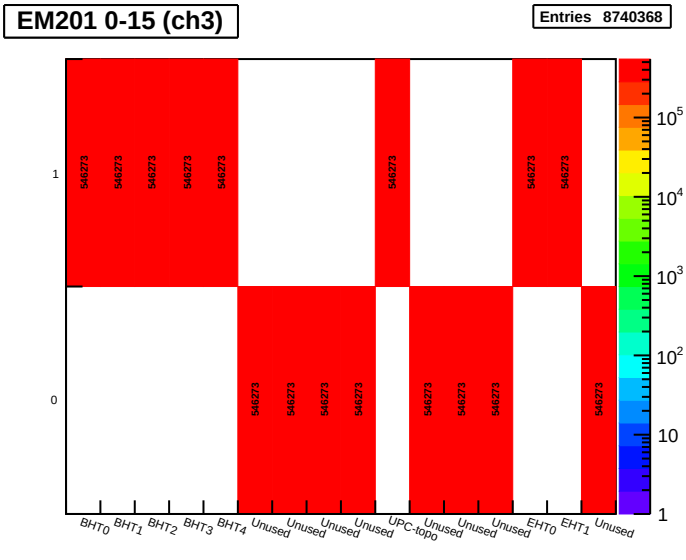

ST201 0-15 (ch6)
Entries 8740368
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
546273
546273
546273
546273
546273
546273
546273
546273
546273
546273
546273
546273
546273
546273
546271
546257
2
16
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

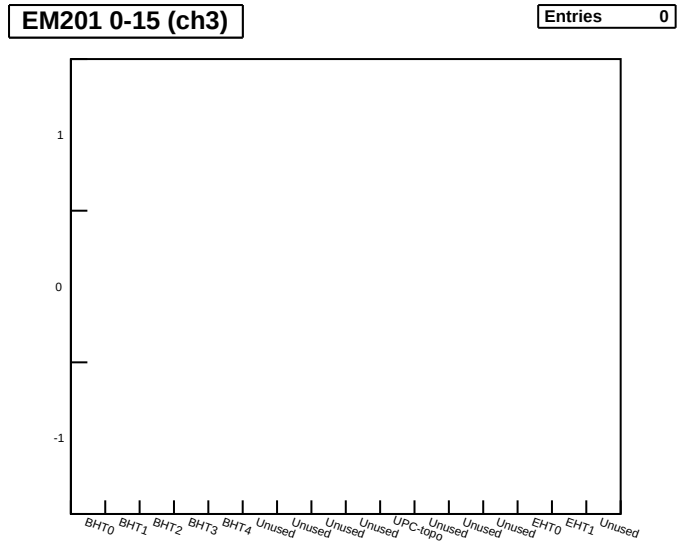

TF201 0-15 (ch0)
Entries 8740368
1
0
546273
541777
517809
501559
398482
486808
486833
482622
546273
546273
546273
546273
546273
4496
28464
44714
147781
546273
59465
59440
63651
546273
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 8740368
1
0
221928
346580
508586
476305
540780
539669
1306
14713
15499
495
509742
537564
247924
291142
449952
324345
199693
37687
69968
5493
6604
544967
531560
530774
545778
546273
36531
8709
298349
255131
96321
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 8740368
1
0
546273
546273
546273
546273
546273
546273
546273
546273
546273
546273
546273
546273
546273
546273
546273
546273
546273
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