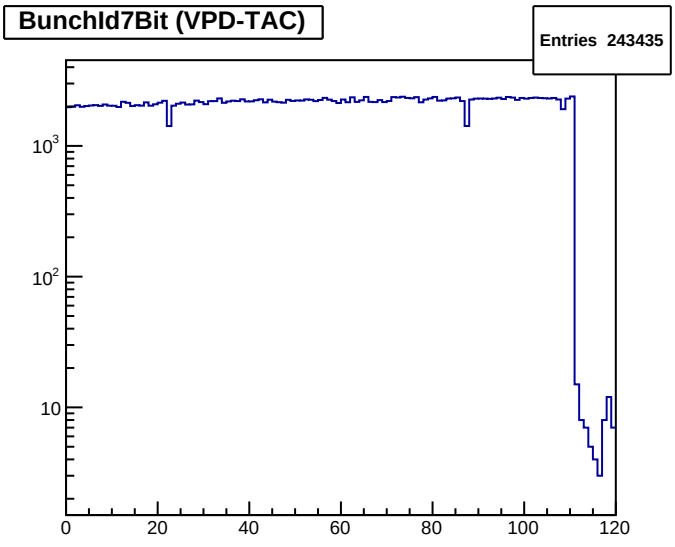
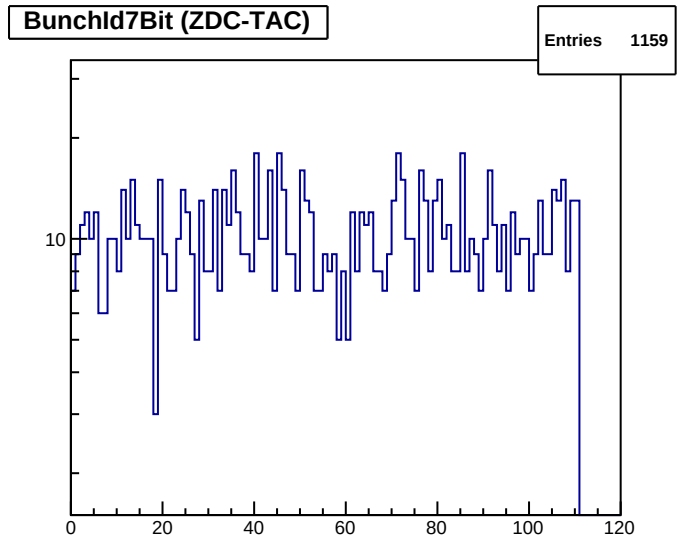
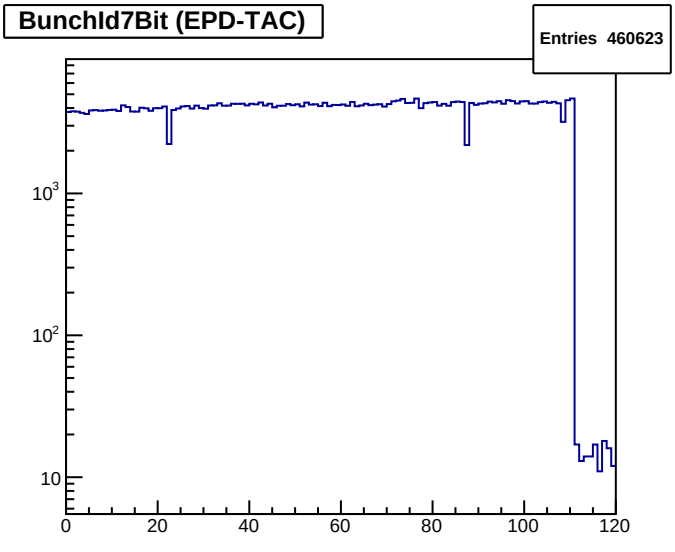
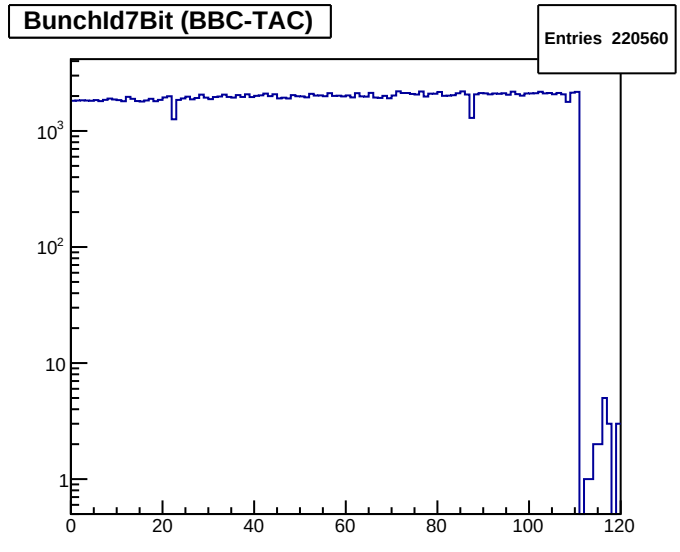
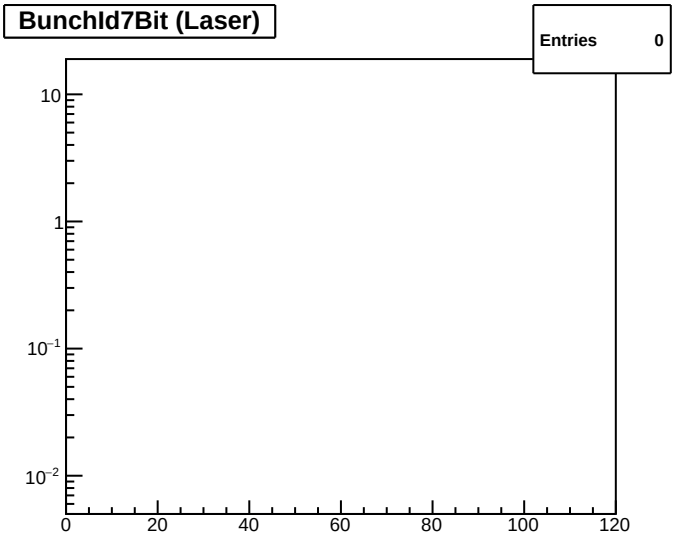
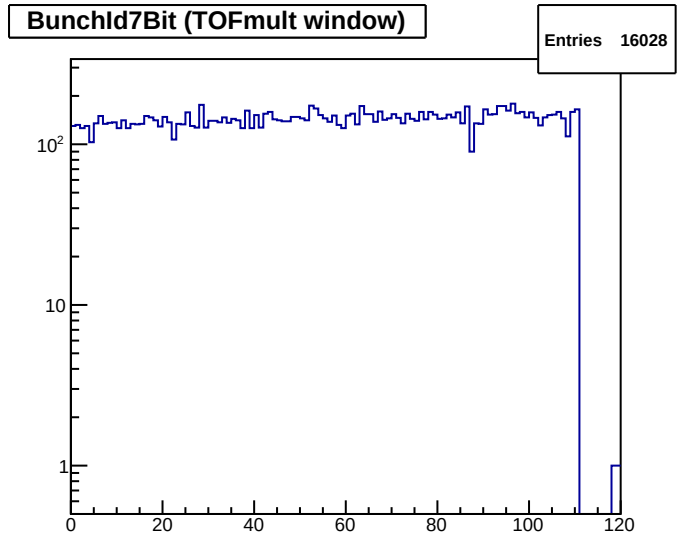

BunchId7Bit (VPD-TAC)
Entries 243435

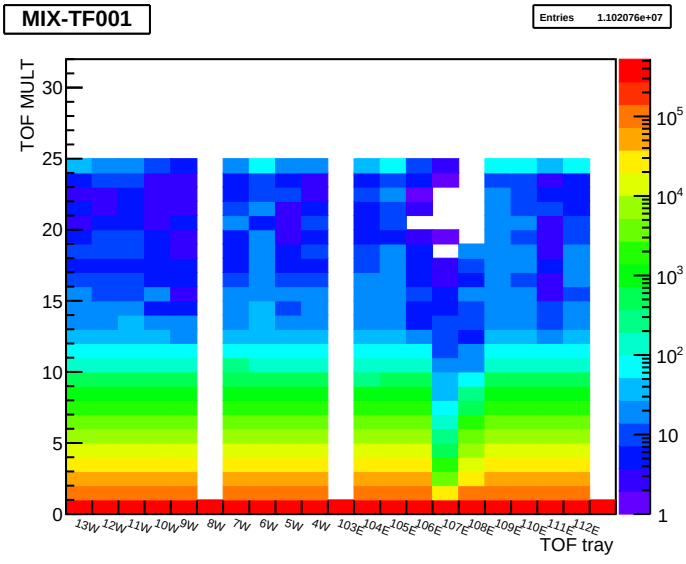

BunchId7Bit (ZDC-TAC)
Entries 1159

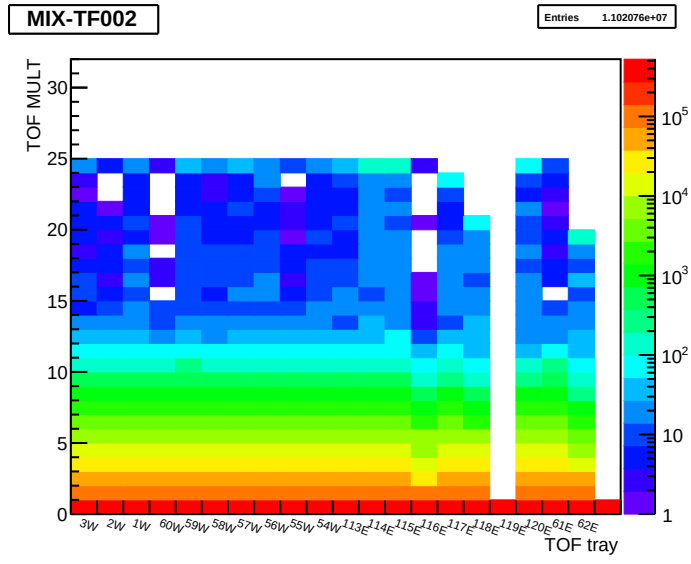

BunchId7Bit (EPD-TAC)
Entries 460623

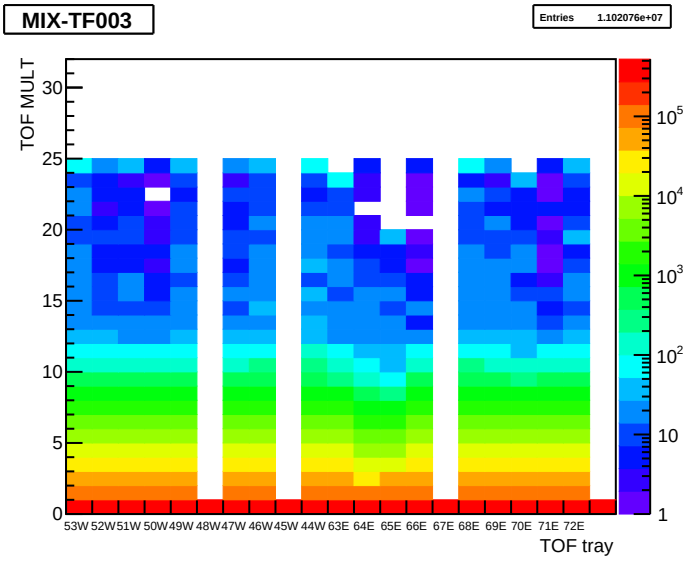

BunchId7Bit (BBC-TAC)
Entries 220560

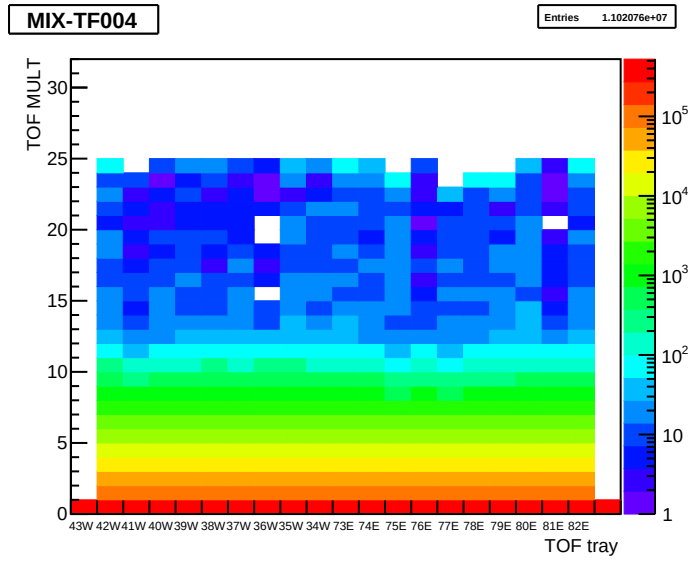

BunchId7Bit (Laser)
Entries 0

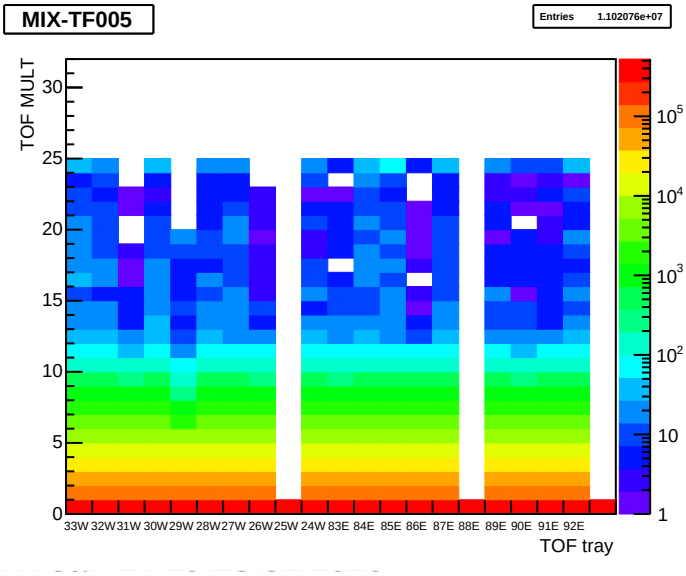

BunchId7Bit (TOFmult window)
Entries 16028

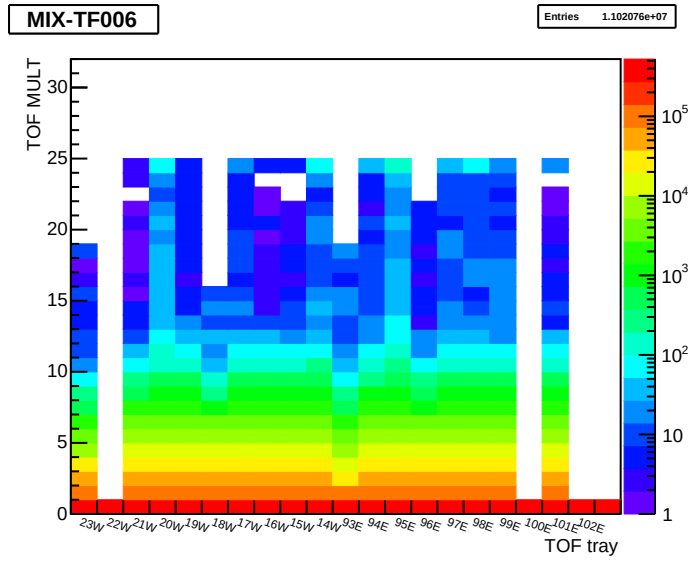

MIX-TF001
Entries 1.102076e+07
TOF MULT
TOF tray

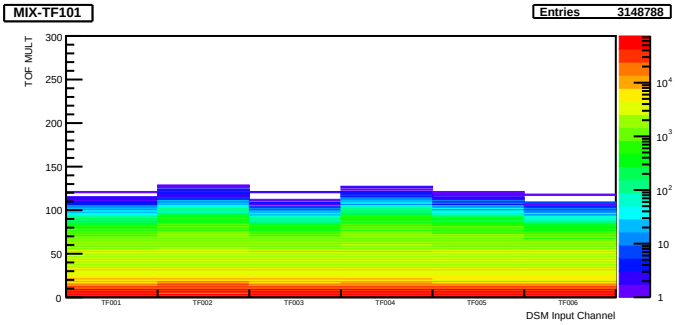

MIX-TF002
Entries 1.102076e+07
TOF MULT
TOF tray

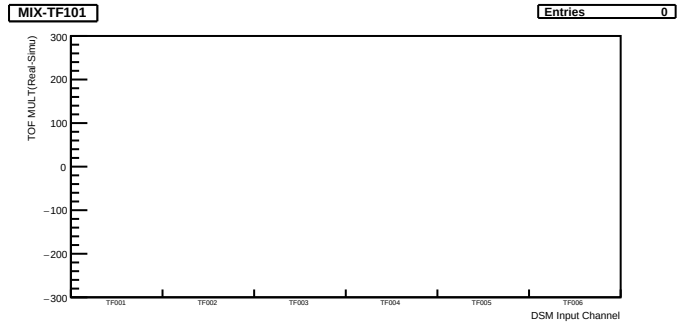

MIX-TF003
Entries 1.102076e+07
TOF MULT
TOF tray

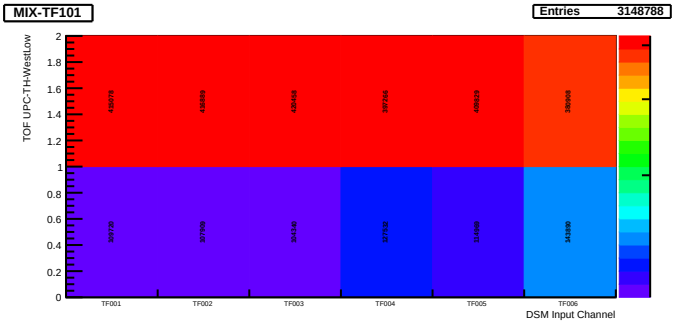

MIX-TF004
Entries 1.102076e+07
TOF MULT
TOF tray

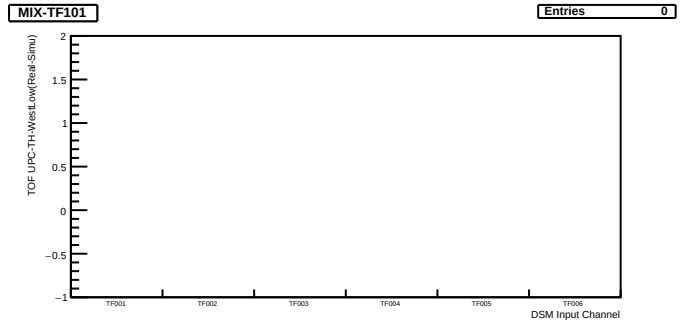

MIX-TF005
Entries 1.102076e+07
TOF MULT
TOF tray

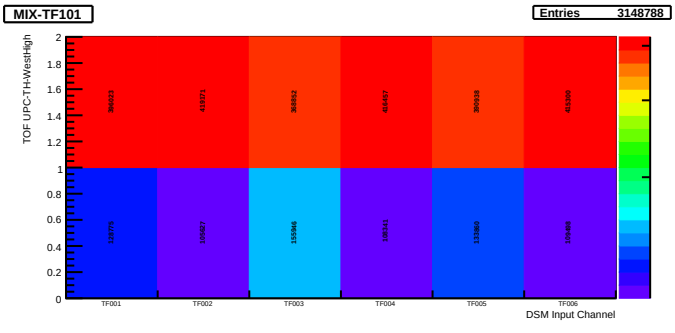

MIX-TF006
Entries 1.102076e+07
TOF MULT
TOF tray

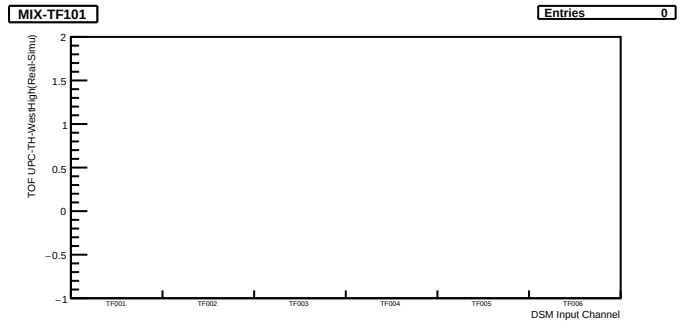

MIX-TF101
Entries 3148788
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

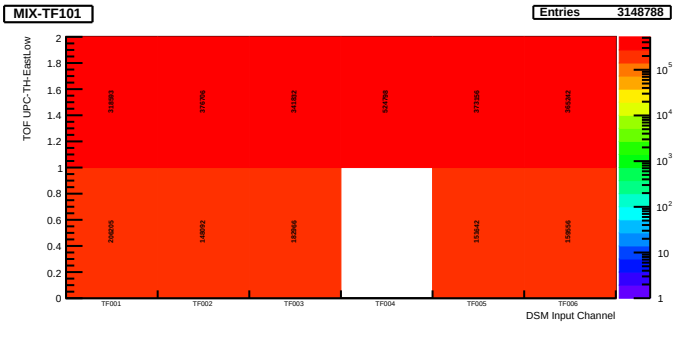

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

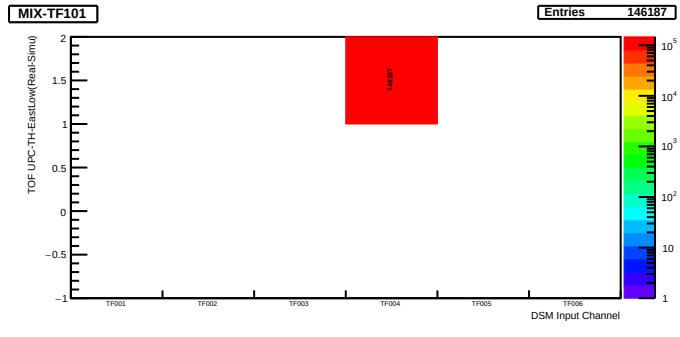

MIX-TF101
Entries 3148788
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

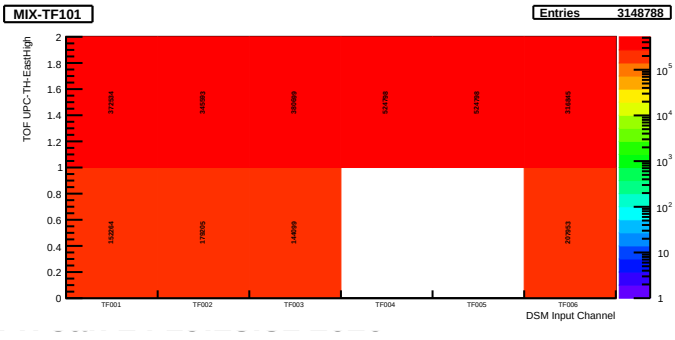

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

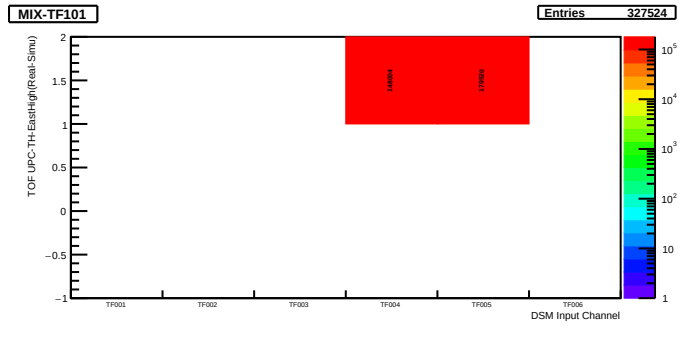

MIX-TF101
Entries 3148788
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

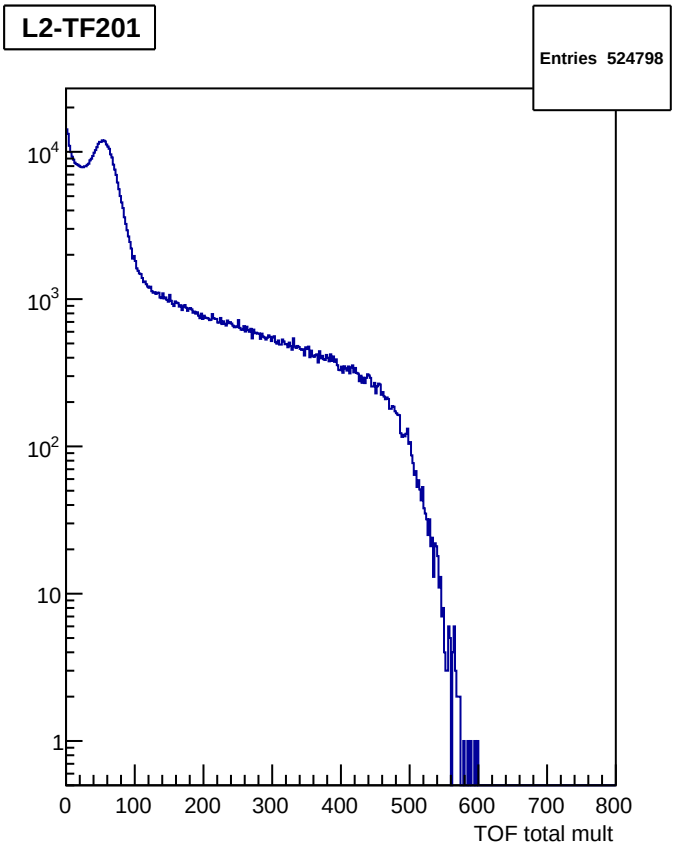

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

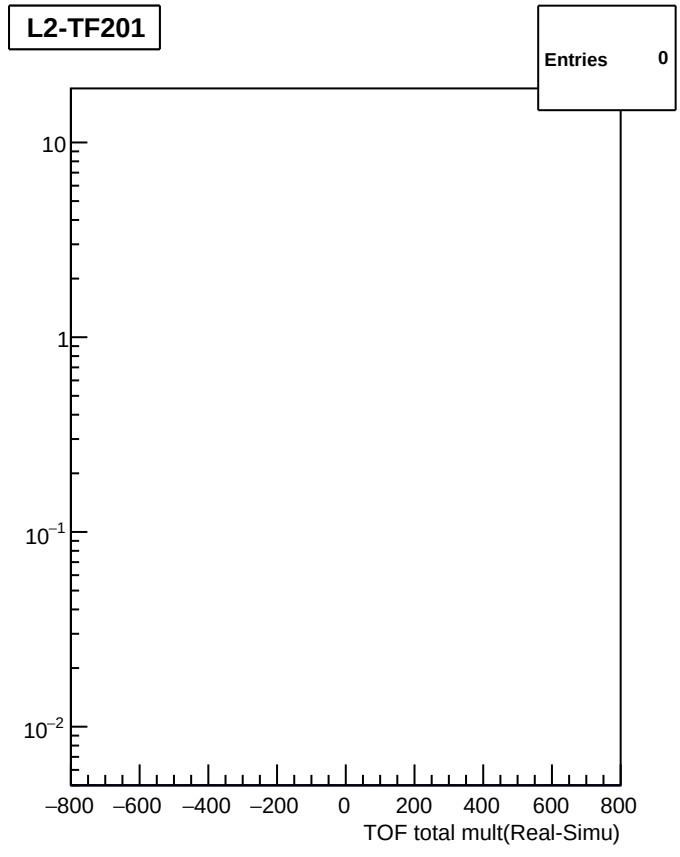

MIX-TF101
Entries 3148788
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

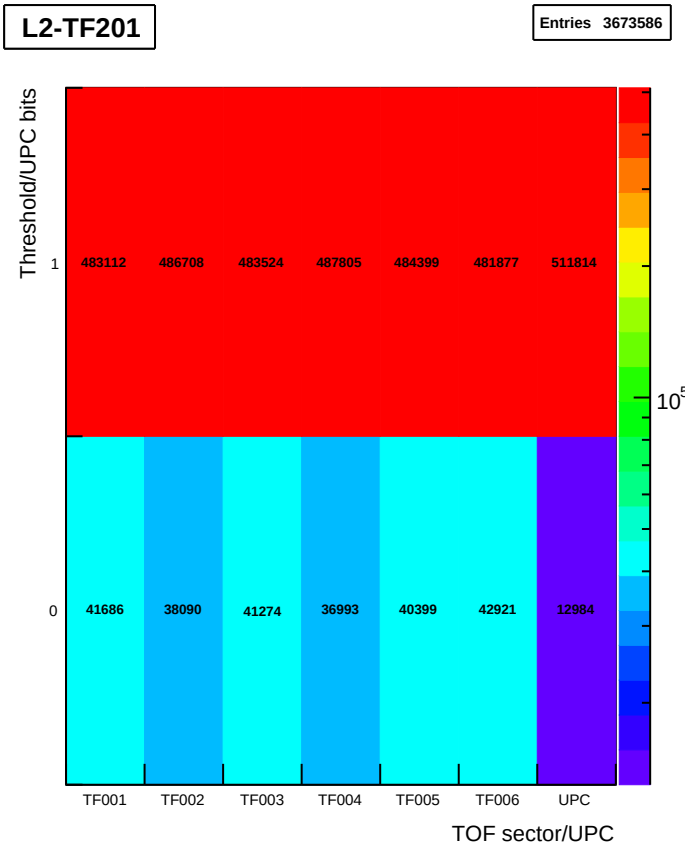

MIX-TF101
Entries 146187
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

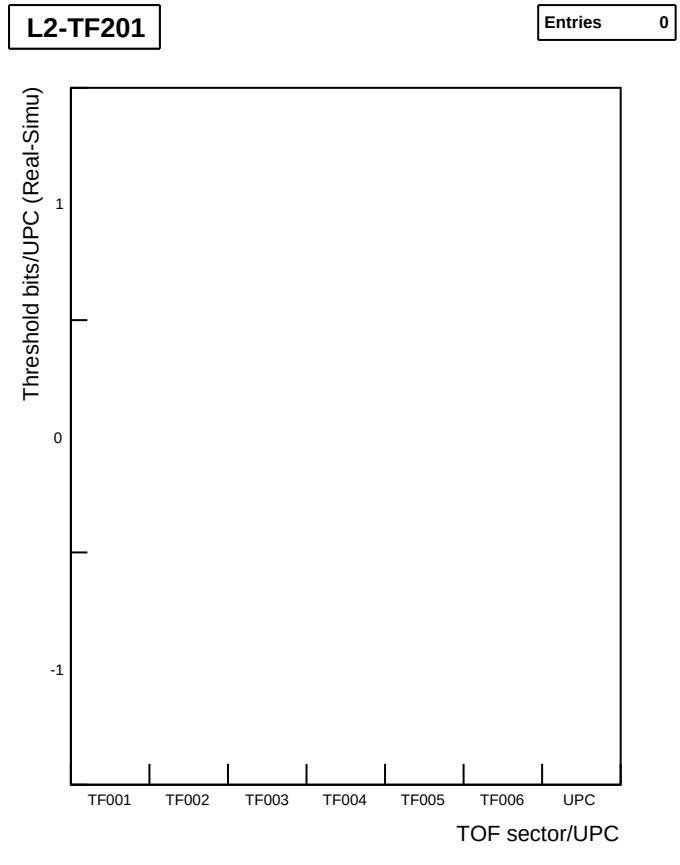

MIX-TF101
Entries 3148788
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

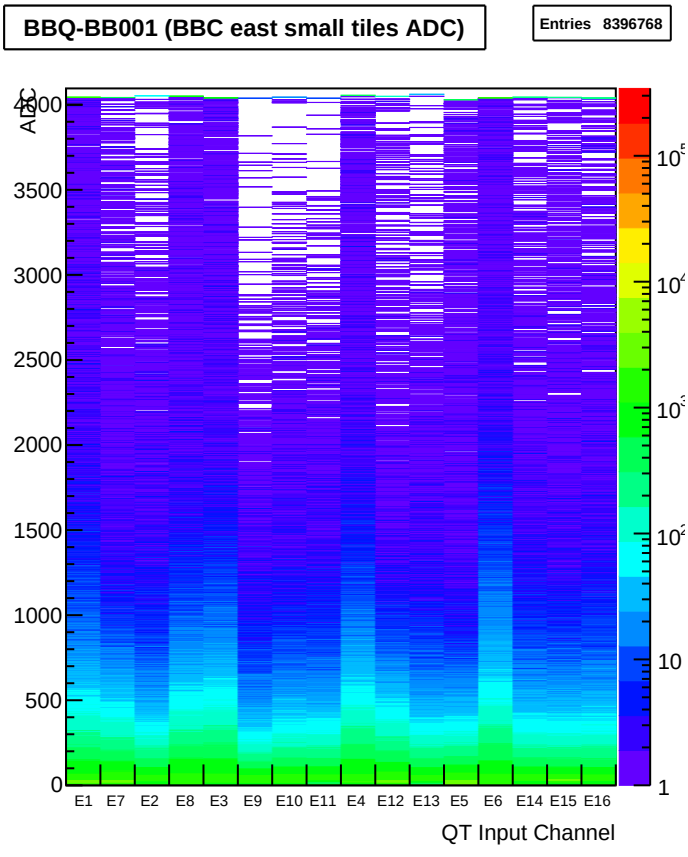

MIX-TF101
Entries 327524
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

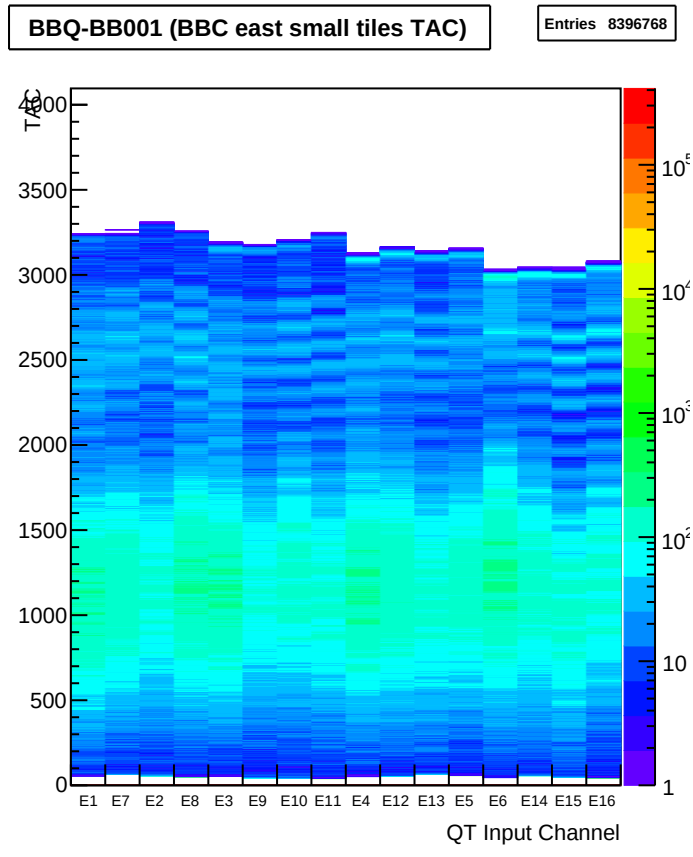

L2-TF201
Entries 524798
TOF total mult

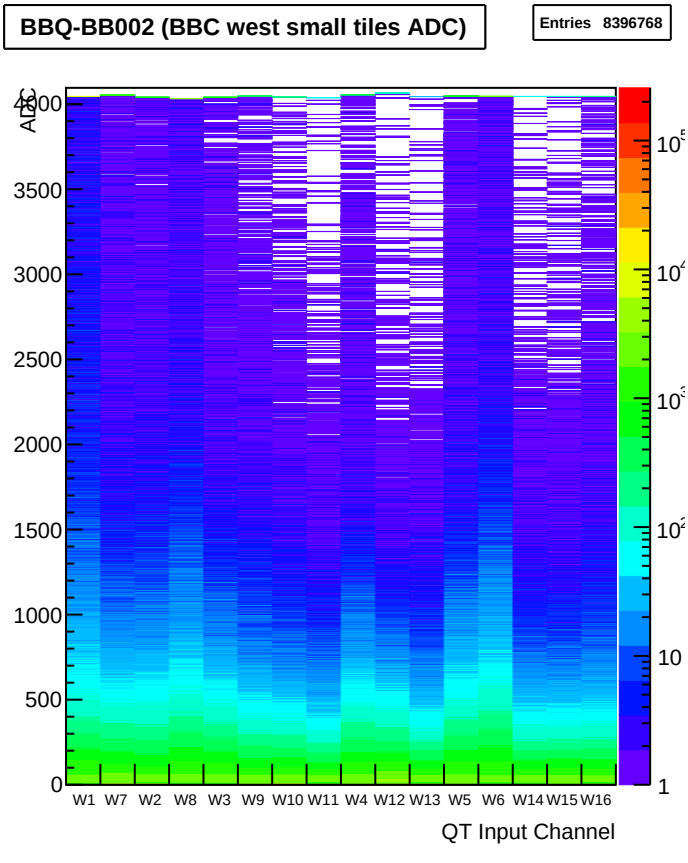

L2-TF201
Entries 0
TOF total mult(Real-Simu)

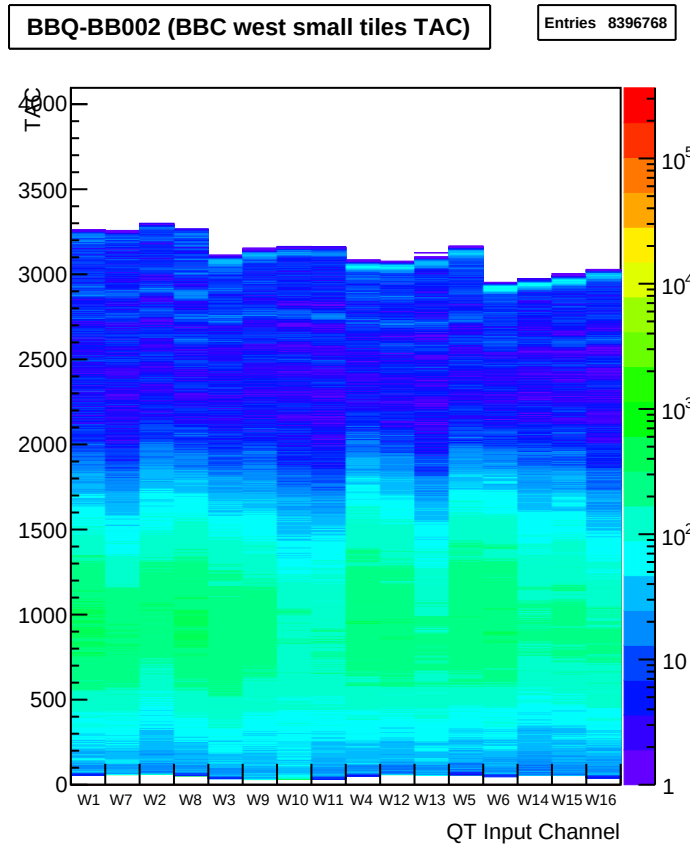

L2-TF201
Entries 3673586
Threshold/UPC bits
483112
486708
483524
487805
484399
481877
511814
41686
38090
41274
36993
40399
42921
12984
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

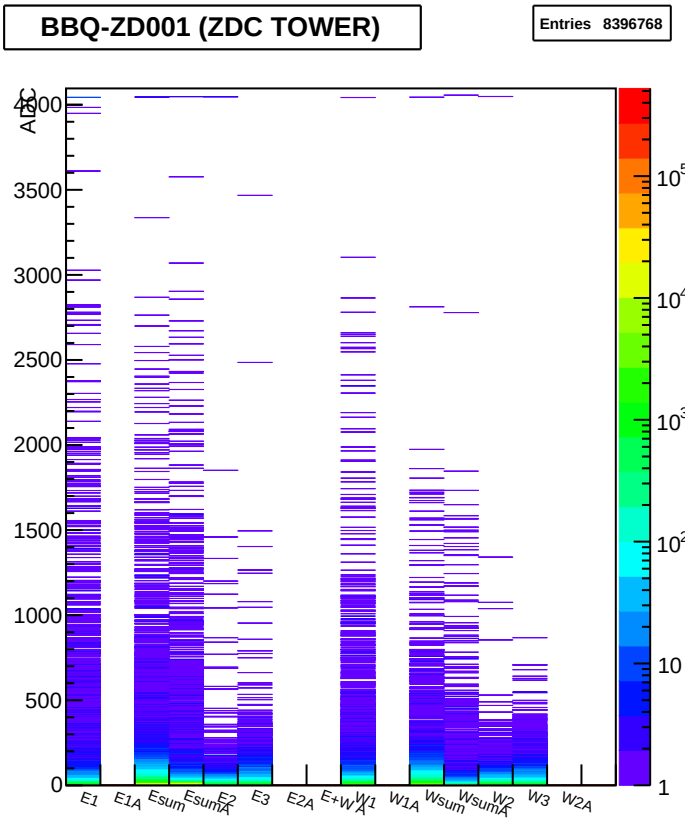

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

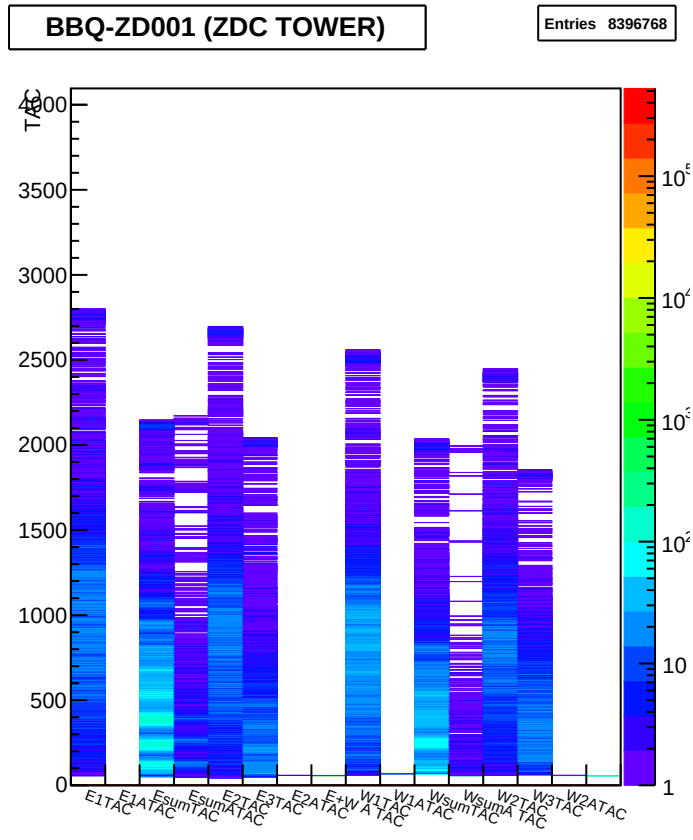

BBQ-BB001 (BBC east small tiles ADC)
Entries 8396768
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

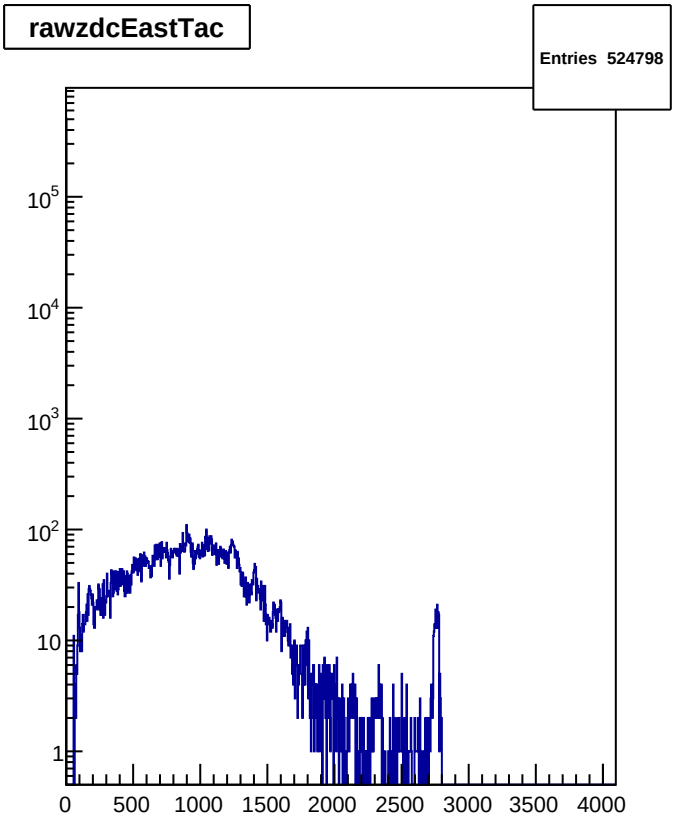

BBQ-BB001 (BBC east small tiles TAC)
Entries 8396768
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

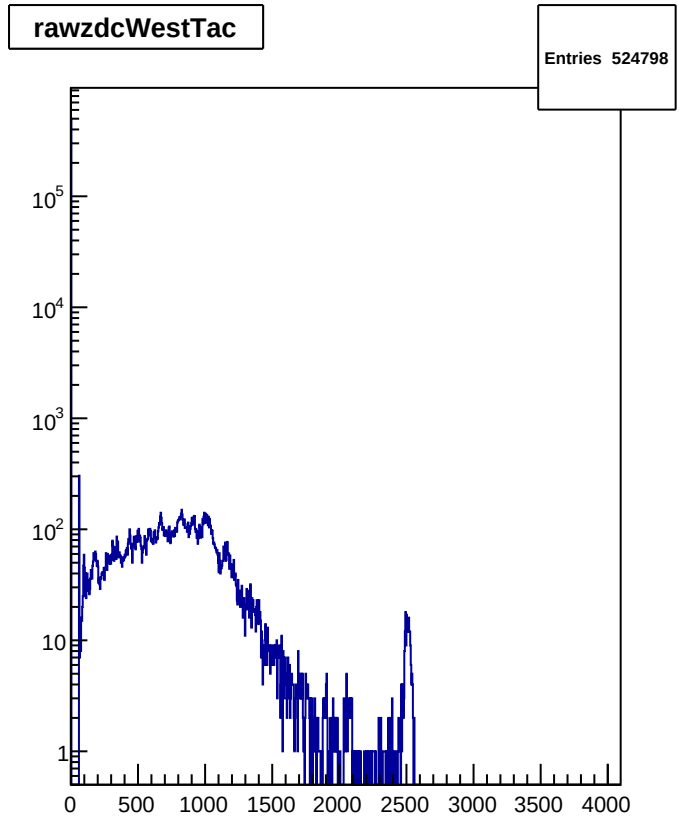

BBQ-BB002 (BBC west small tiles ADC)
Entries 8396768
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

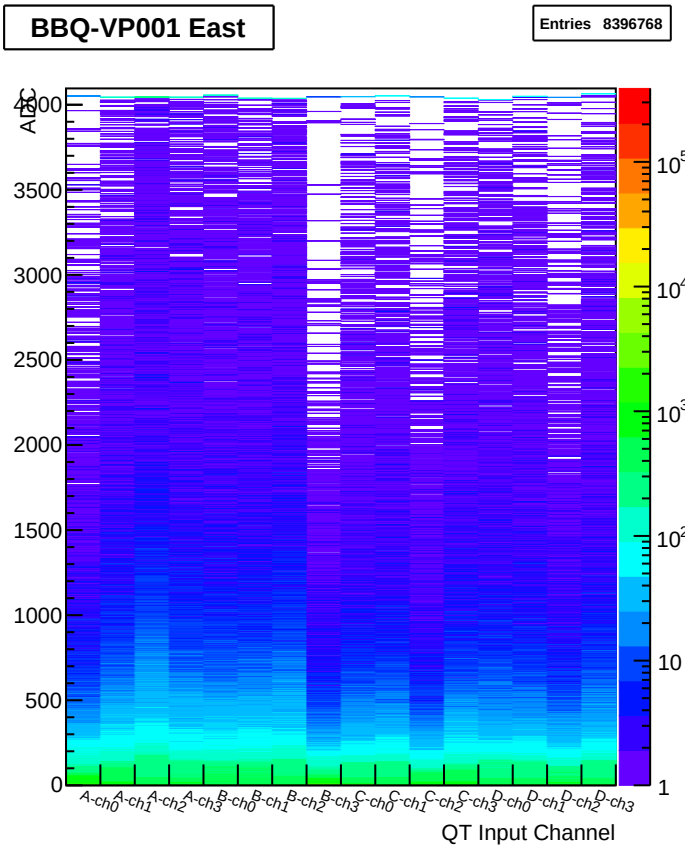

BBQ-BB002 (BBC west small tiles TAC)
Entries 8396768
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

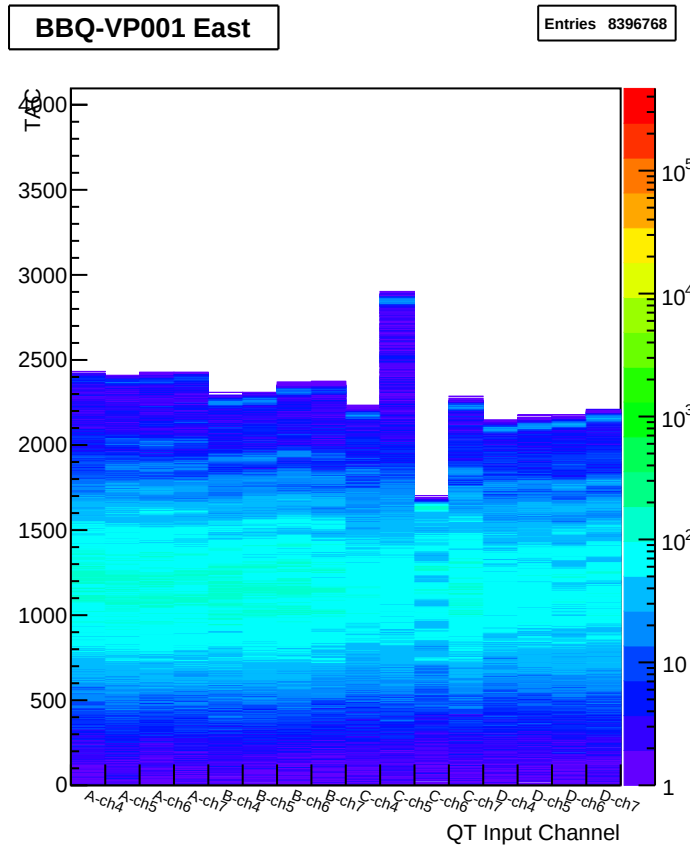

BBQ-ZD001 (ZDC TOWER)
Entries 8396768
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

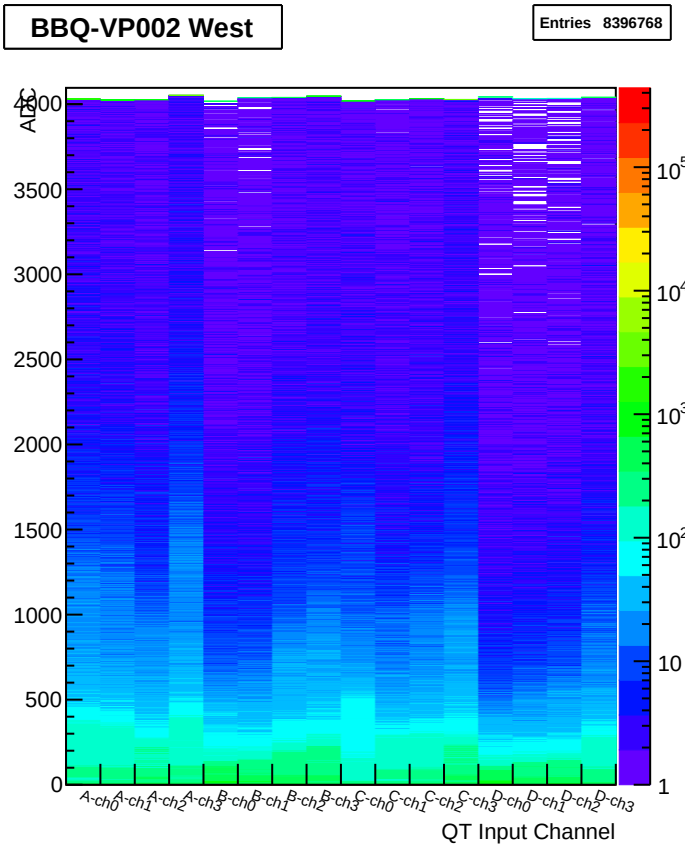

BBQ-ZD001 (ZDC TOWER)
Entries 8396768
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

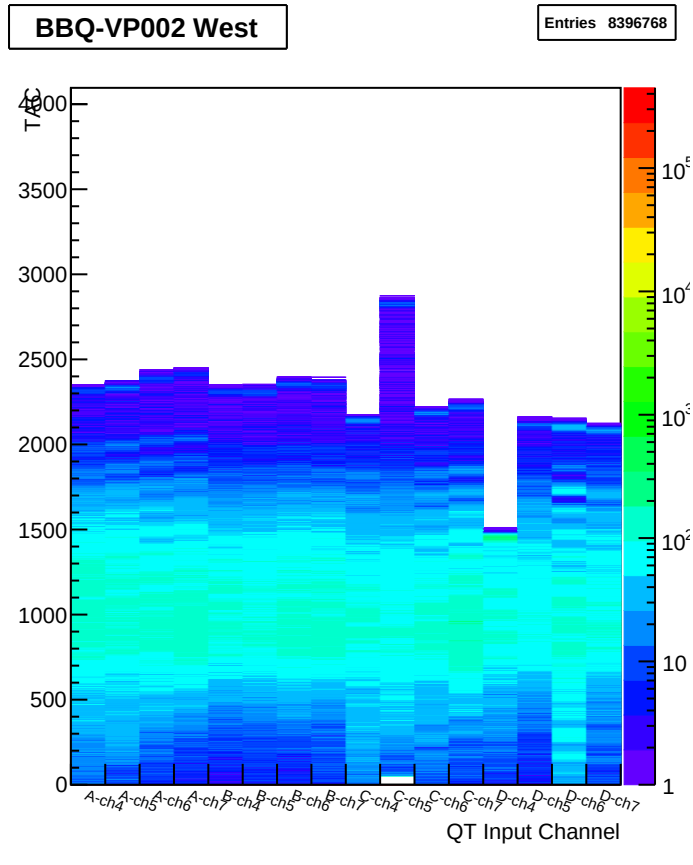

rawzdcEastTac
Entries 524798

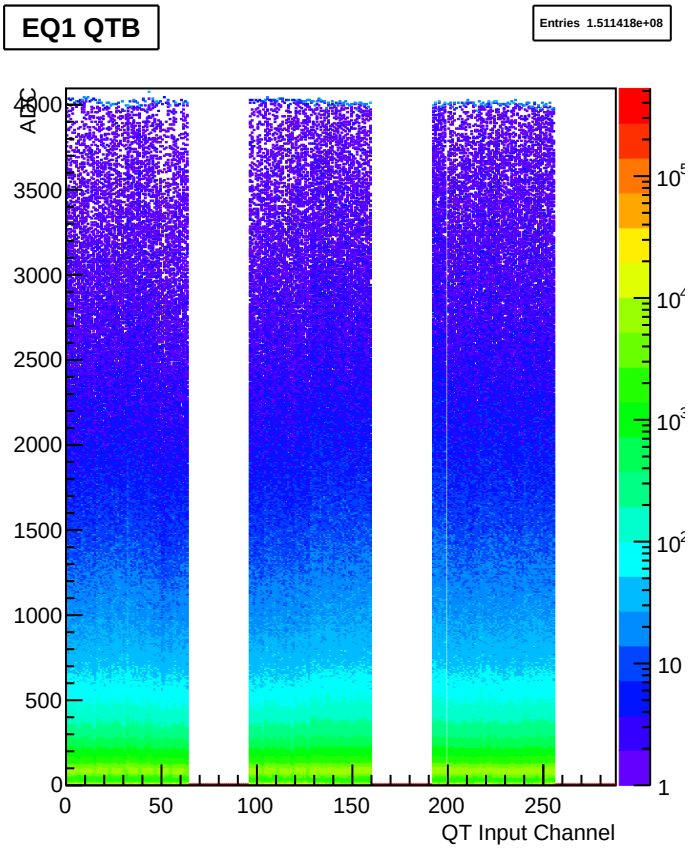

rawzdcWestTac
Entries 524798

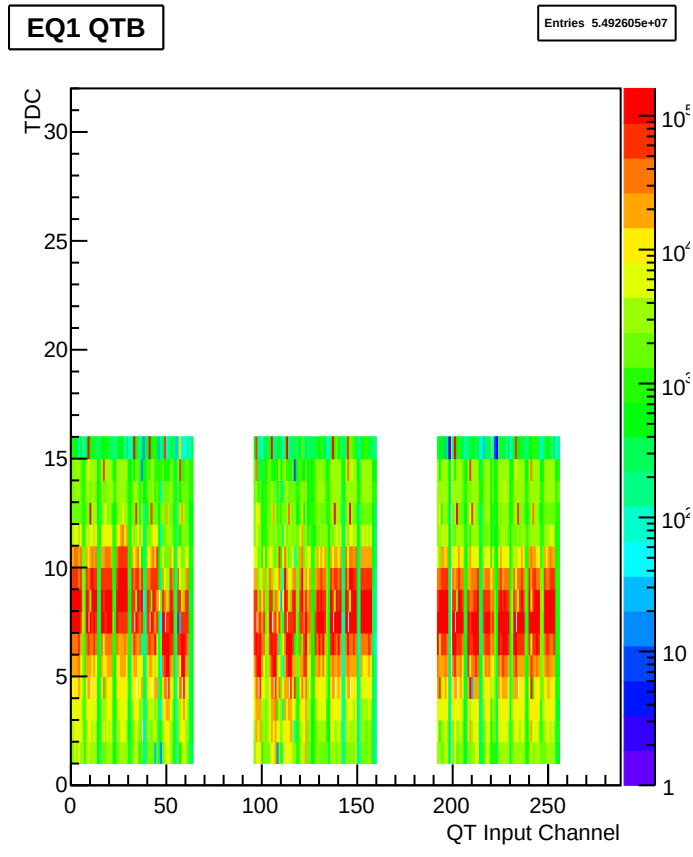

BBQ-VP001 East
Entries 8396768
ADC
QT Input Channel

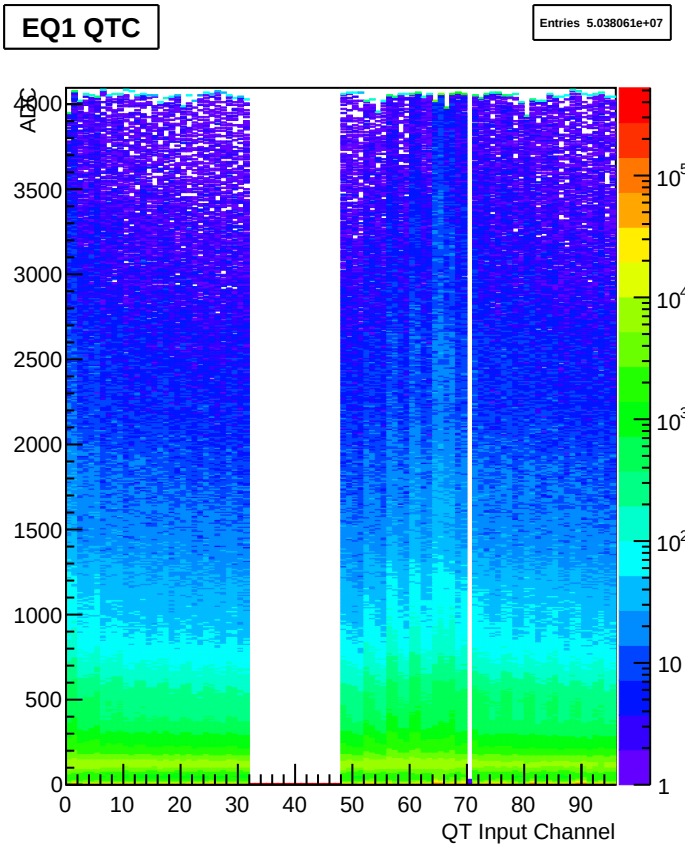

BBQ-VP001 East
Entries 8396768
ADC
QT Input Channel

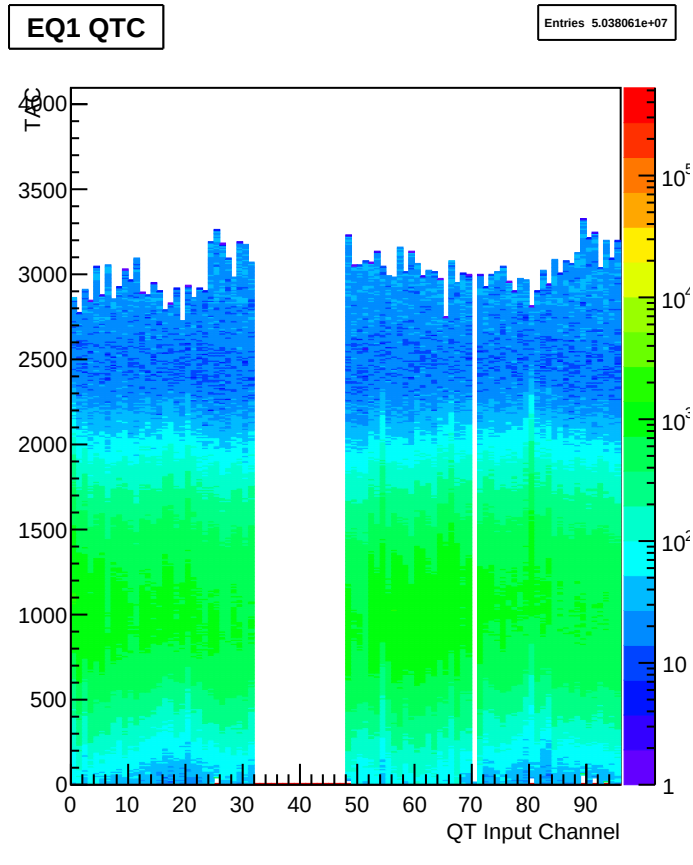

BBQ-VP002 West
Entries 8396768
ADC
QT Input Channel

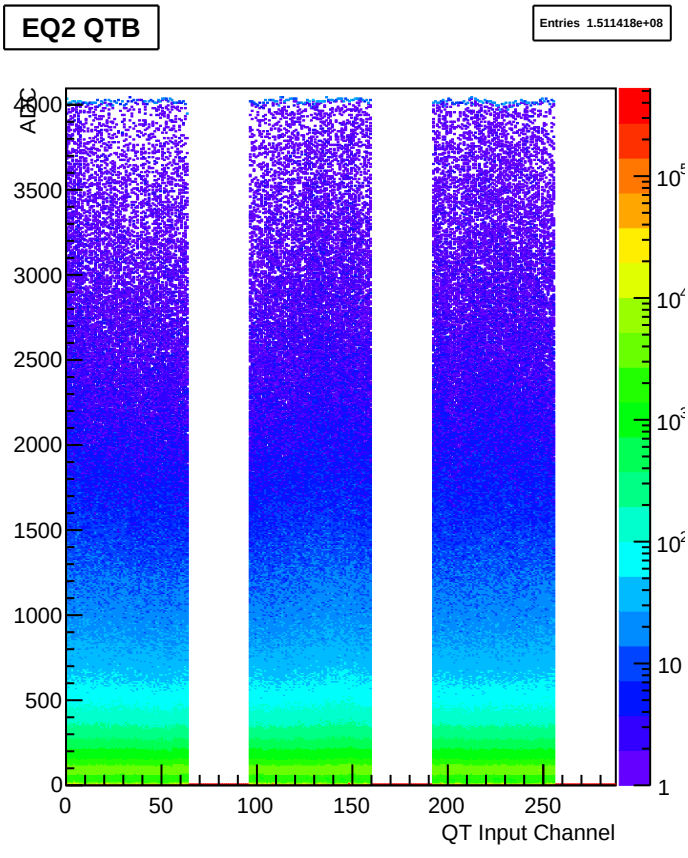

BBQ-VP002 West
Entries 8396768
ADC
QT Input Channel

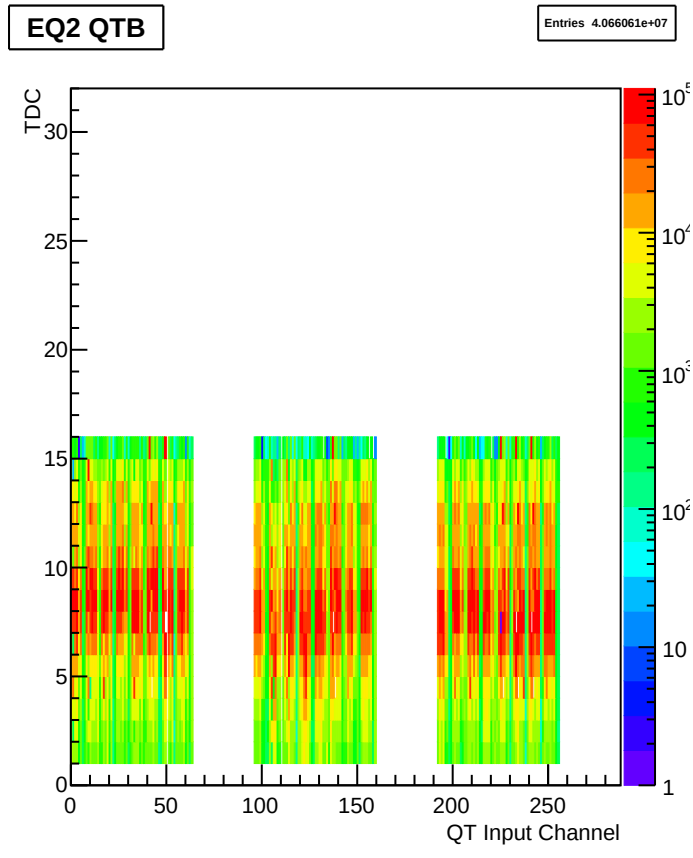

EQ1 QTB
Entries 1.511418e+08
ADC
QT Input Channel

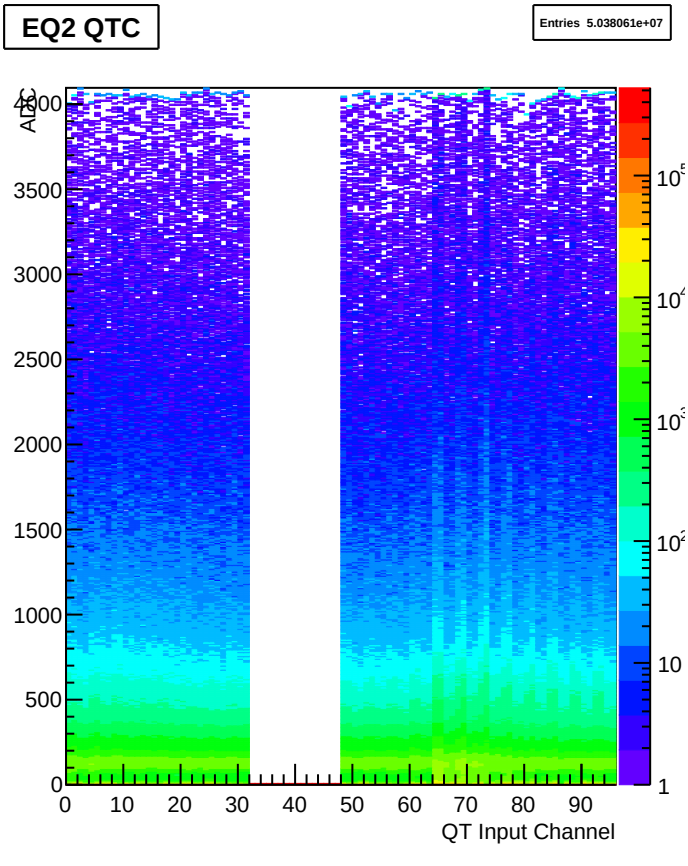

EQ1 QTB
Entries 5.492605e+07
TDC
QT Input Channel

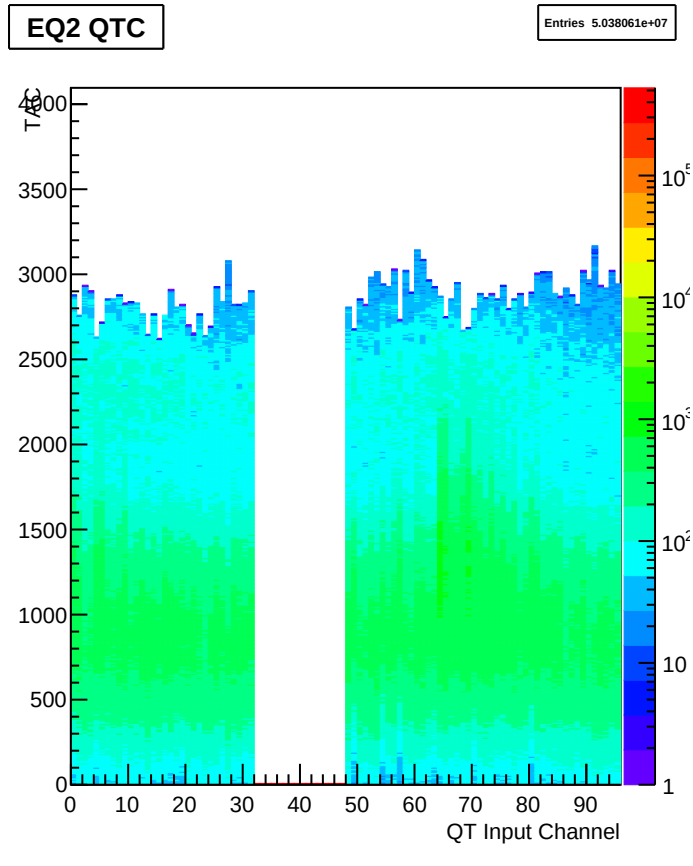

EQ1 QTC
Entries 5.038061e+07
ADC
QT Input Channel

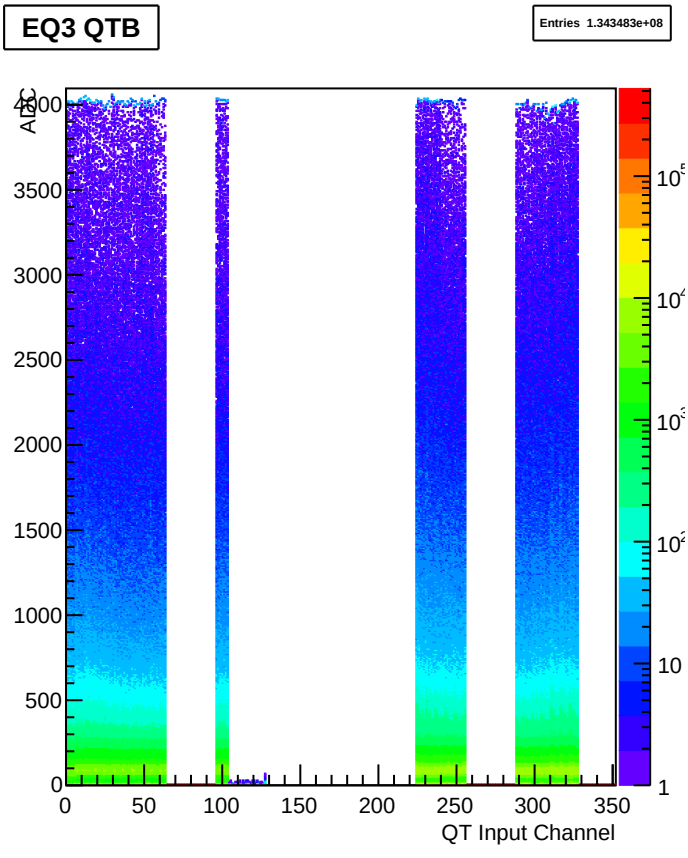

EQ1 QTC
Entries 5.038061e+07
TADC
QT Input Channel

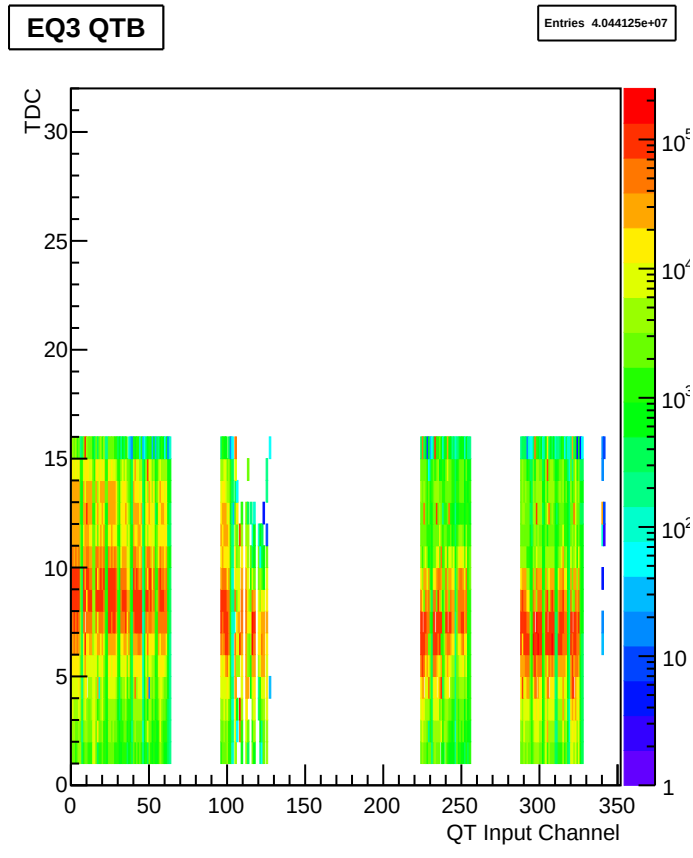

EQ2 QTB
Entries 1.511418e+08
ADC
QT Input Channel

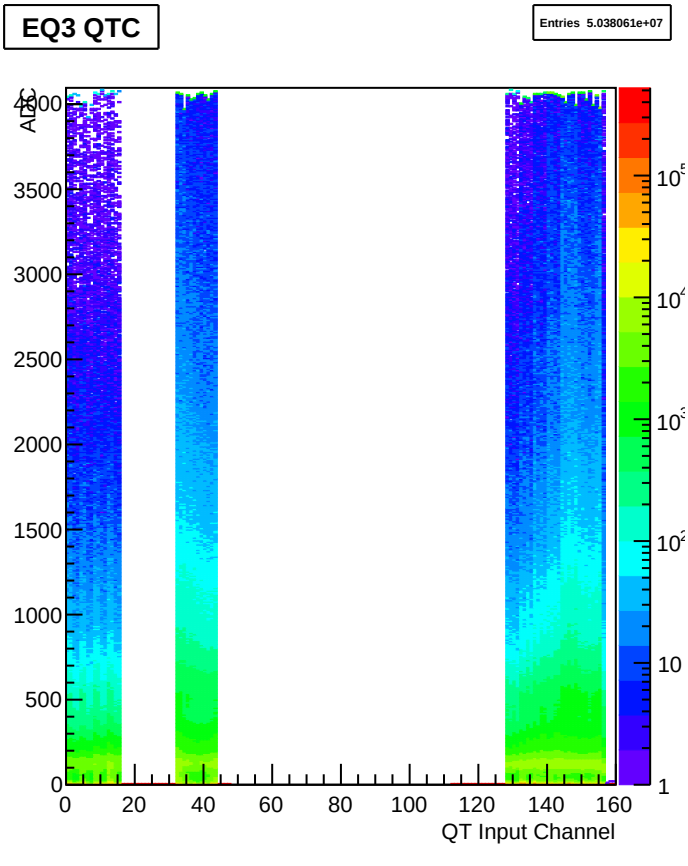

EQ2 QTB
Entries 4.066061e+07
TDC
QT Input Channel

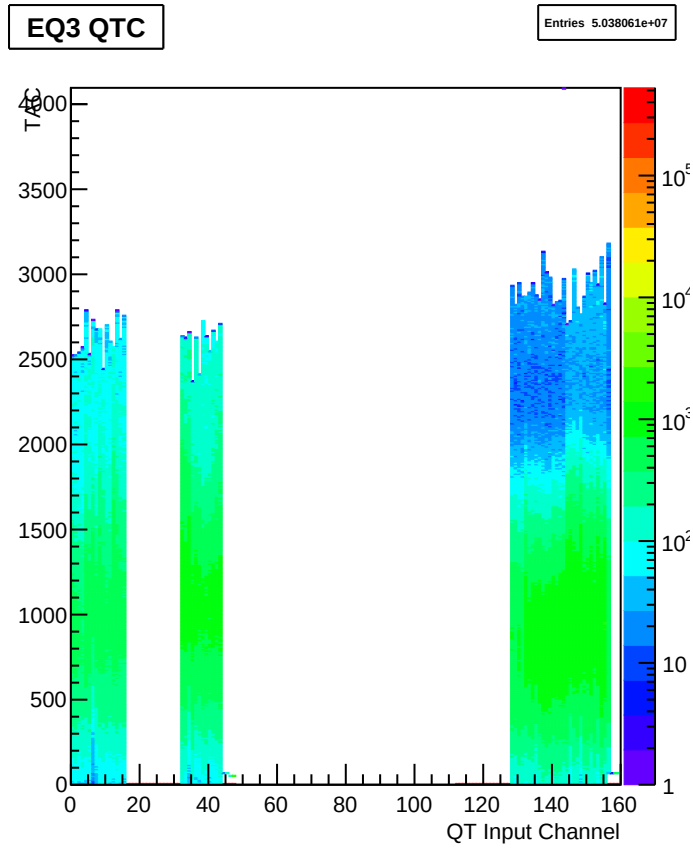

EQ2 QTC
Entries 5.038061e+07
ADC
QT Input Channel


EQ2 QTC
Entries 5.038061e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.343483e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.044125e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.038061e+07
ADC
QT Input Channel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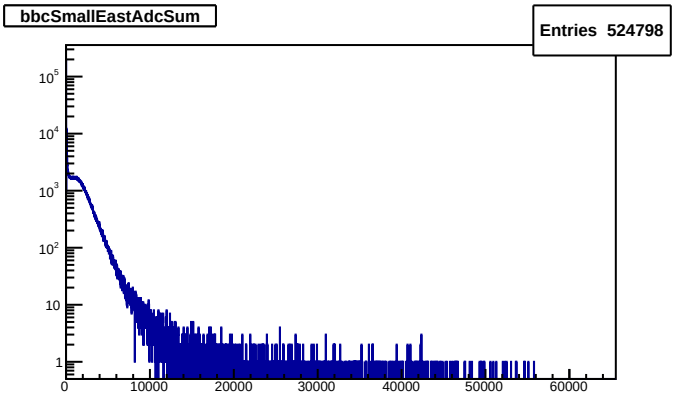
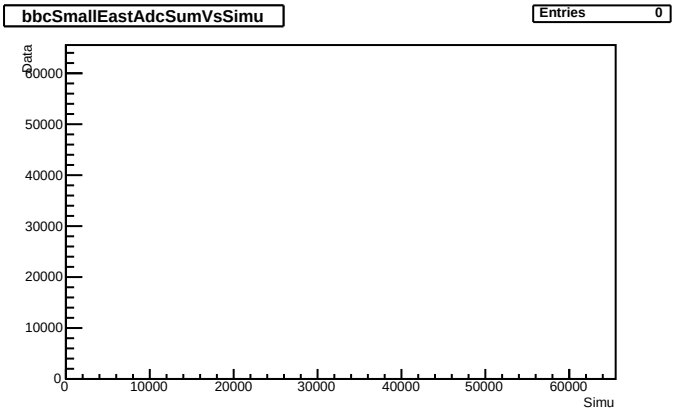
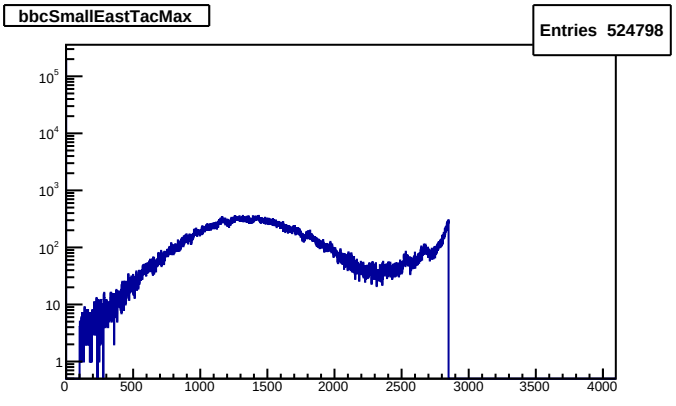
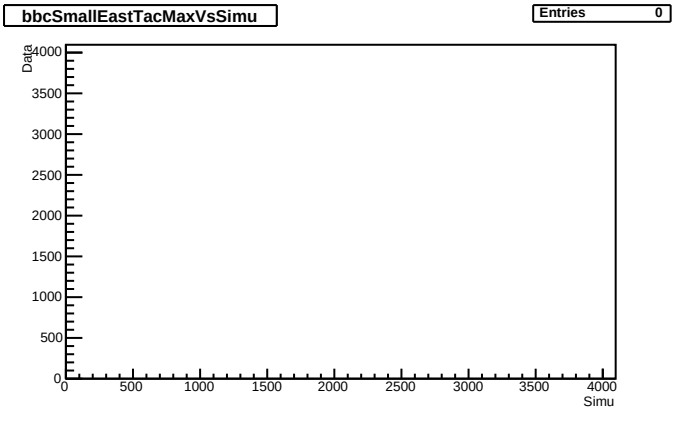
Entries 5.038061e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 524798


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 524798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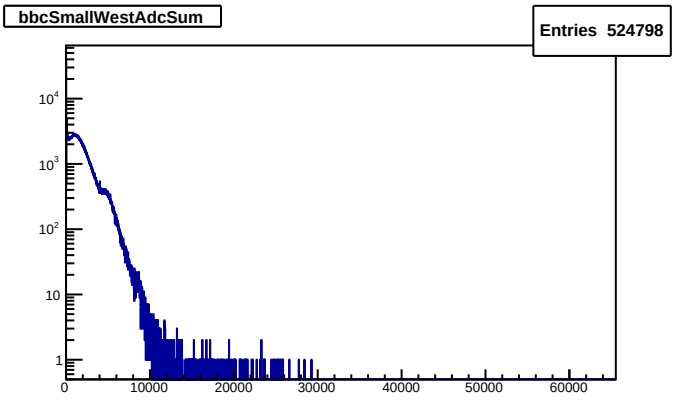
Simu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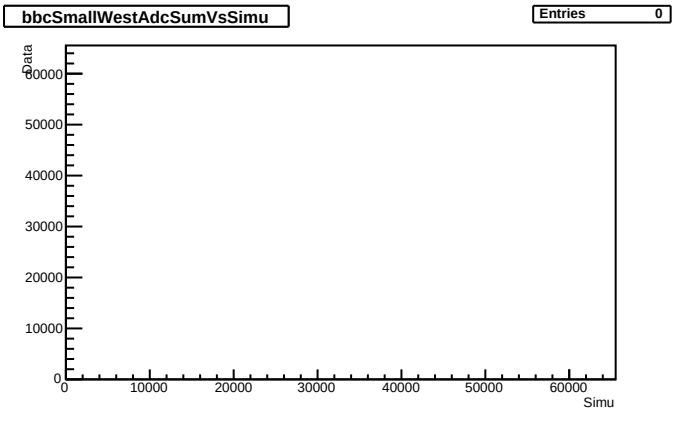
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Entries 0
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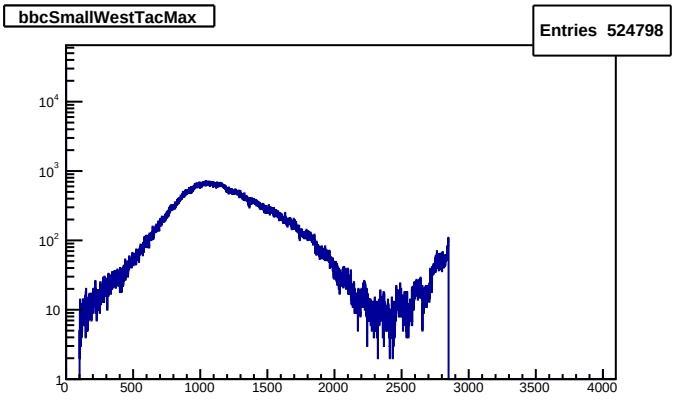
Simu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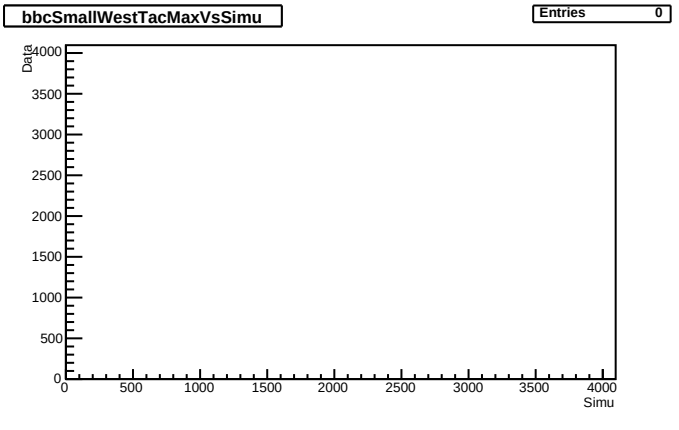
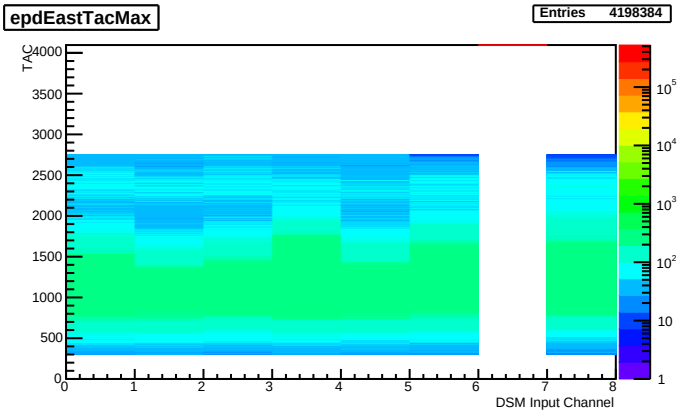
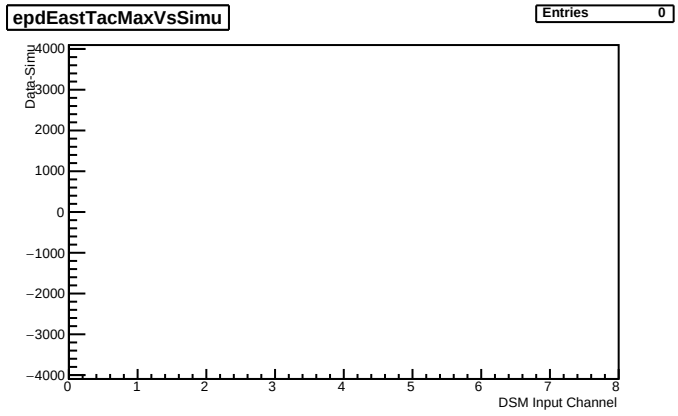
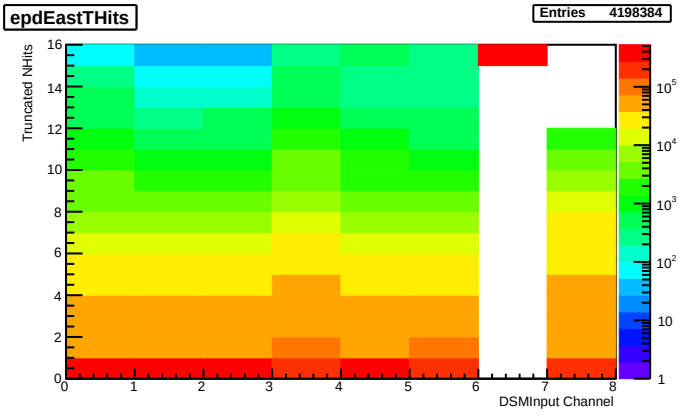
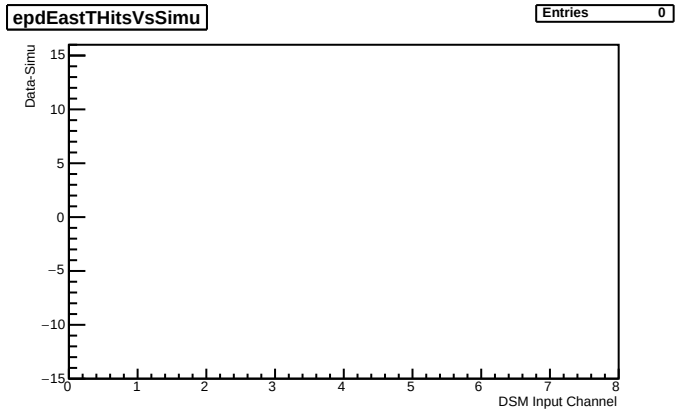
Entries 524798


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 4198384
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4198384
Truncated NHits
DSMInput Channel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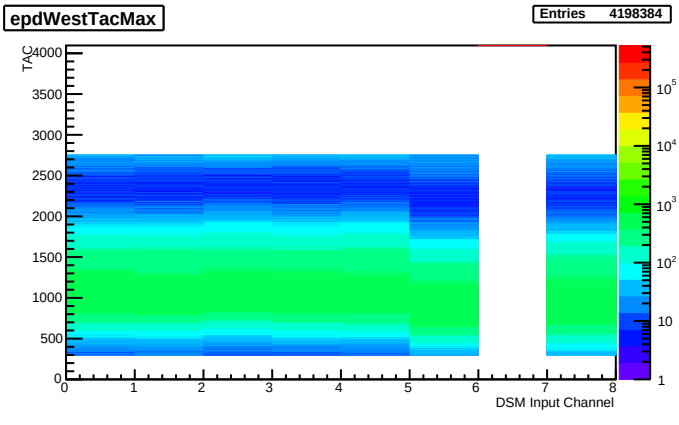
DSM Input Channel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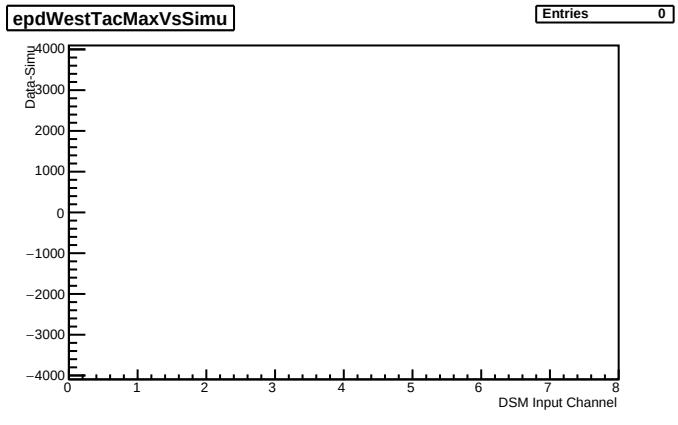
Entries 4198384
TAC
DSM Input Channel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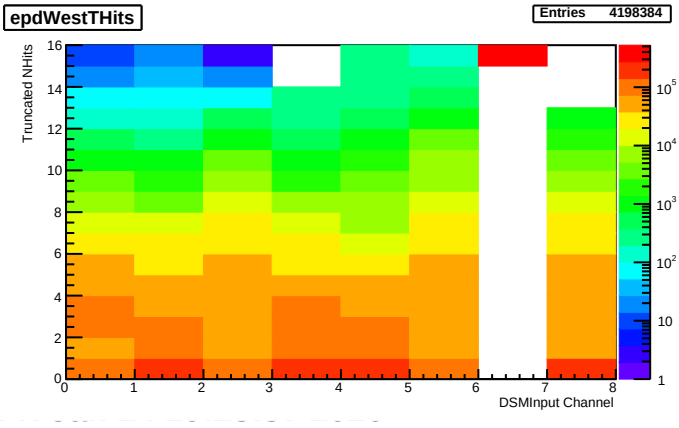
Entries 0
Data-Simu
DSM Input Channel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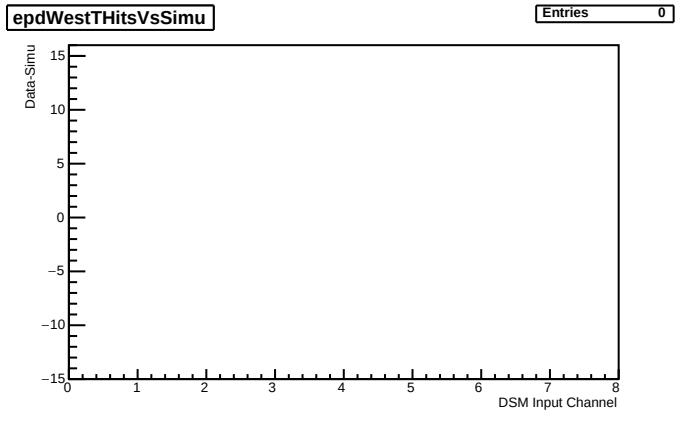
Truncated NHits
DSMInput Channel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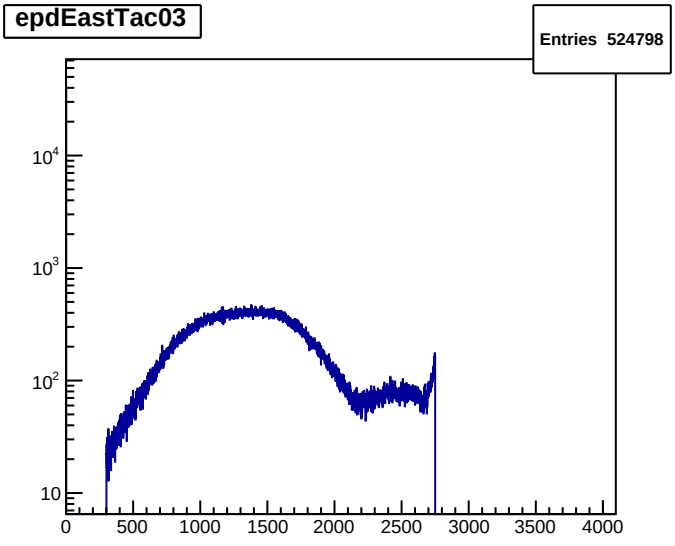
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
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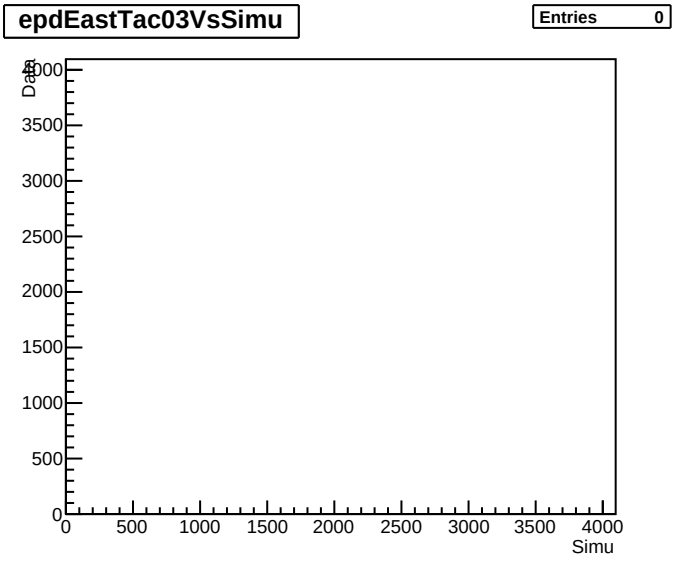
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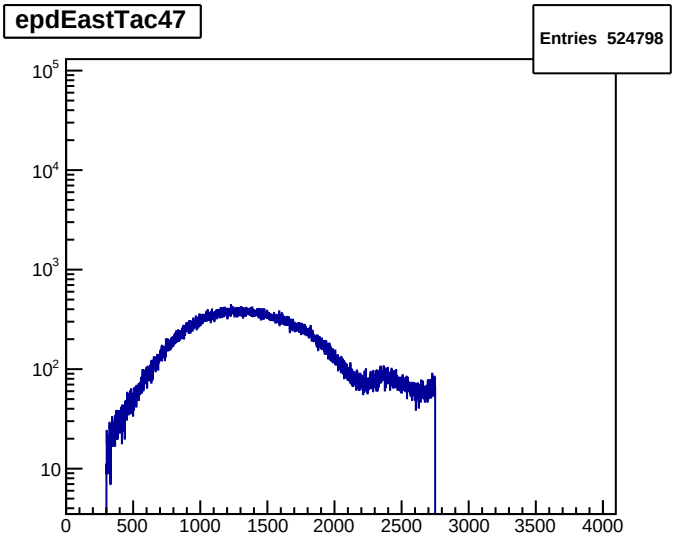
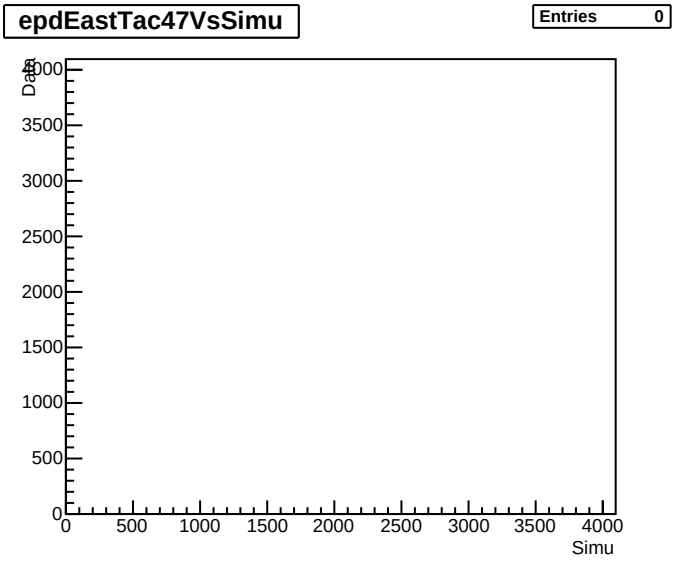
Entries 0
Data
Simu


epdEastTac47
Entries 524798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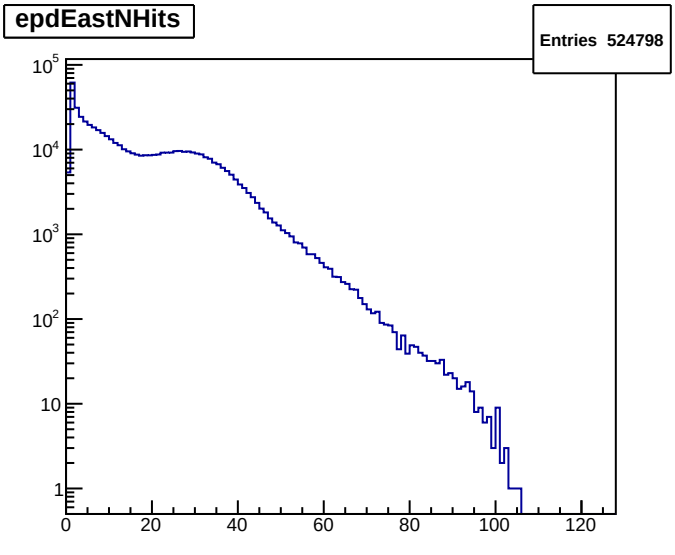
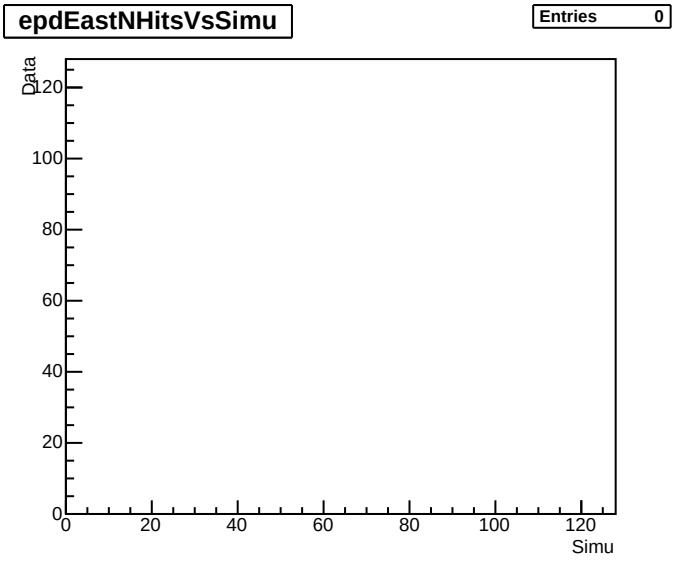
Entries 0
Data
Simu


epdEastNHits
Entries 524798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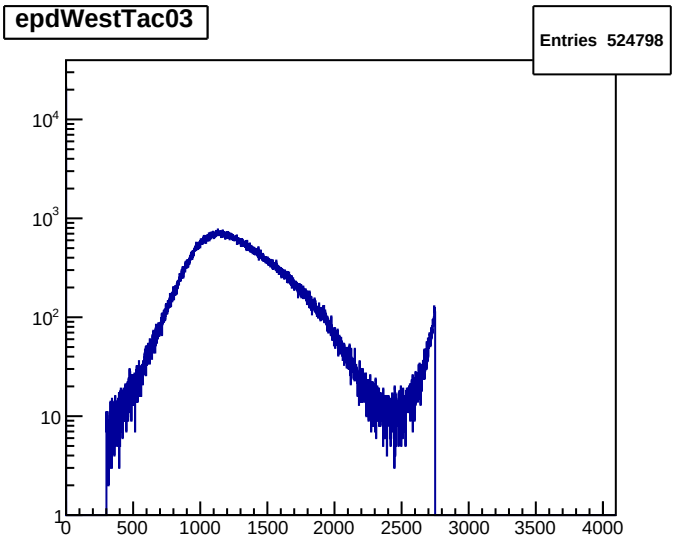
Data
Simu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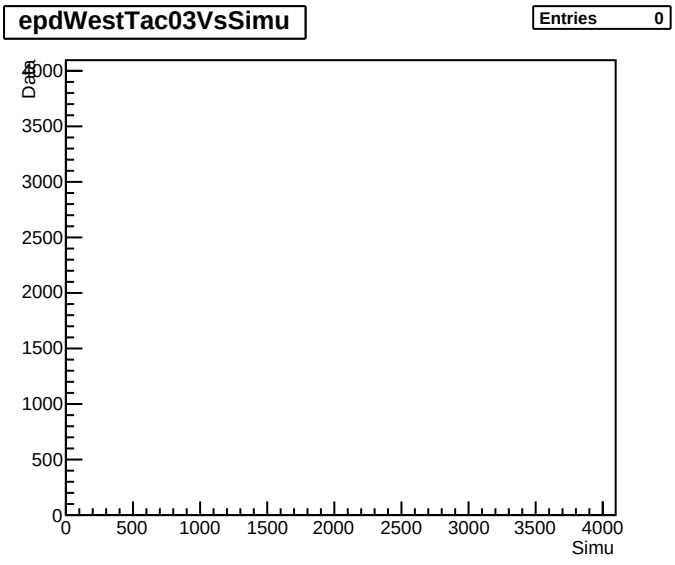
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Entries 0
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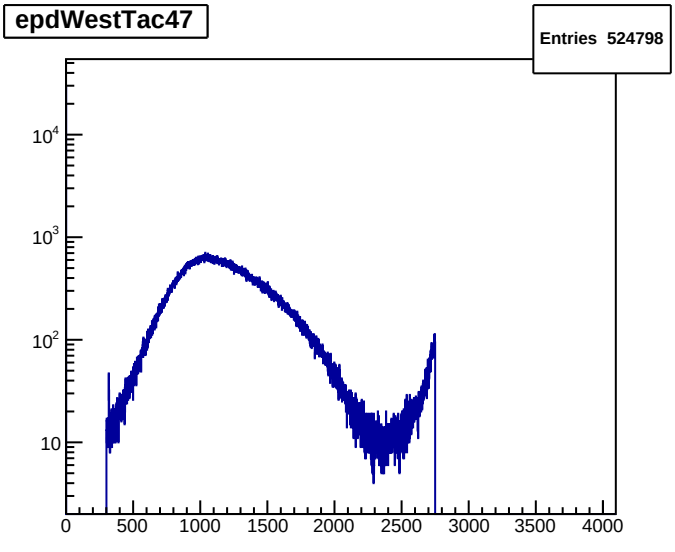
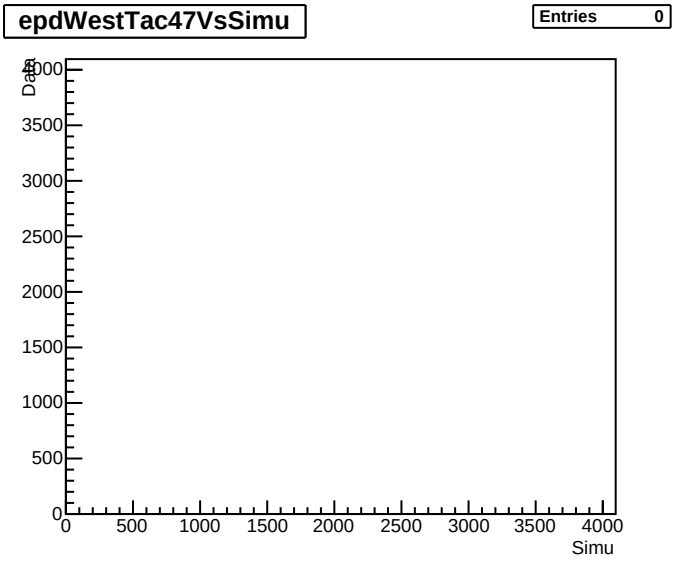
Simu


epdWestTac47
Entries 524798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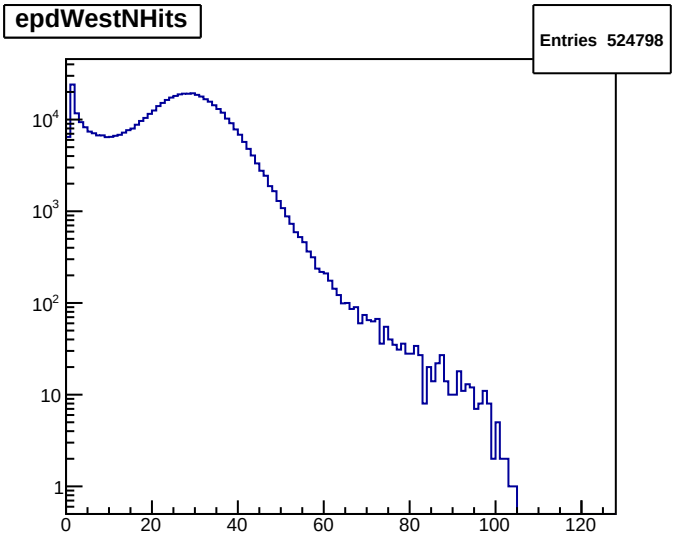
Entries 0
Data
Simu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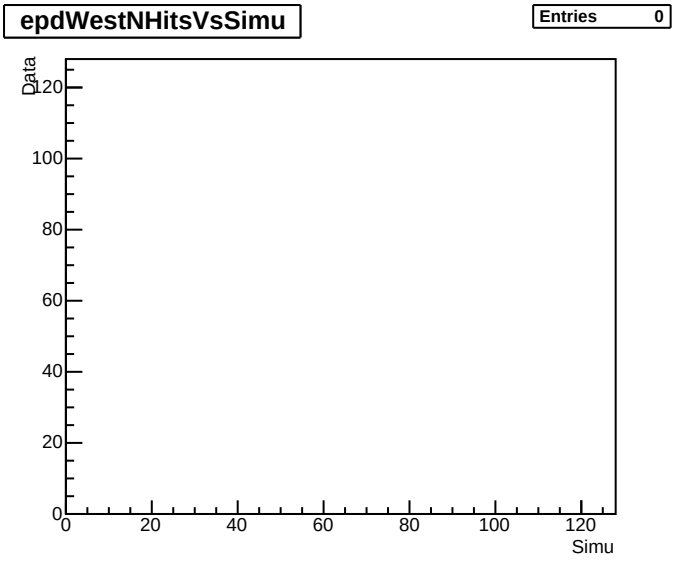
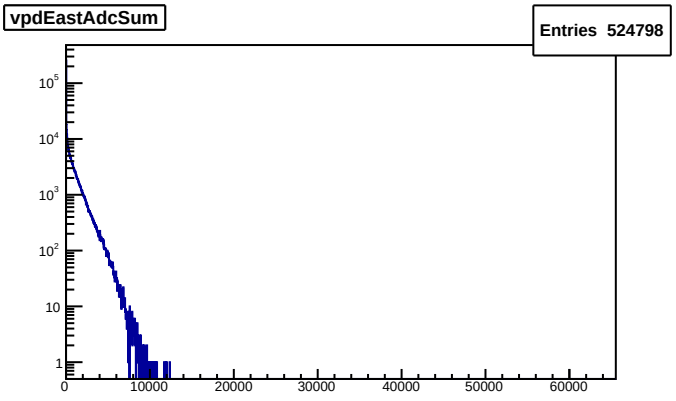
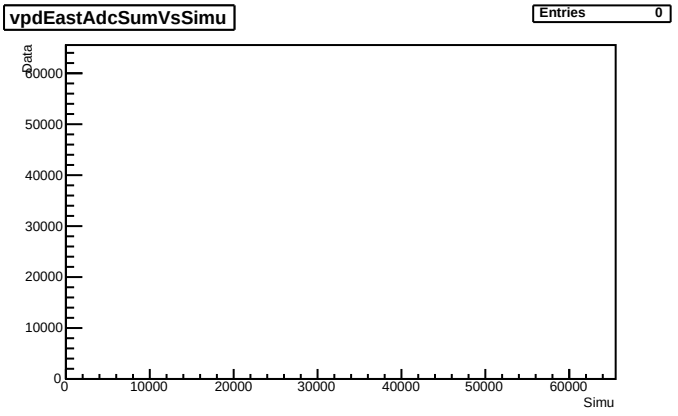
Entries 524798


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 524798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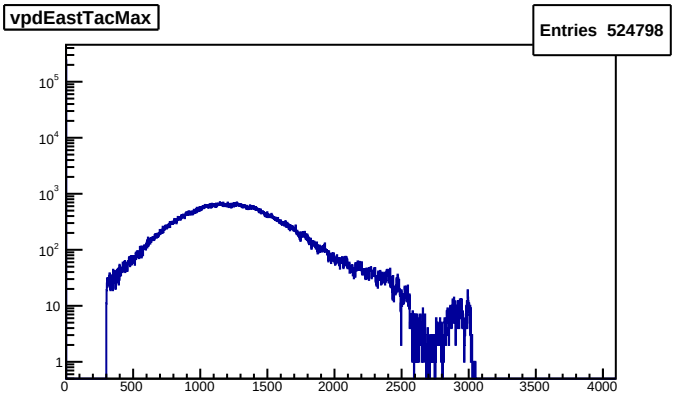
Entries 0
Data
Simu


vpdEastTacMax
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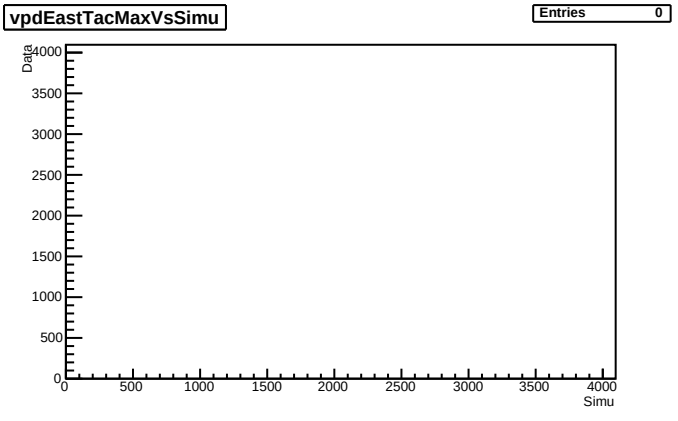
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Entries 0
Data
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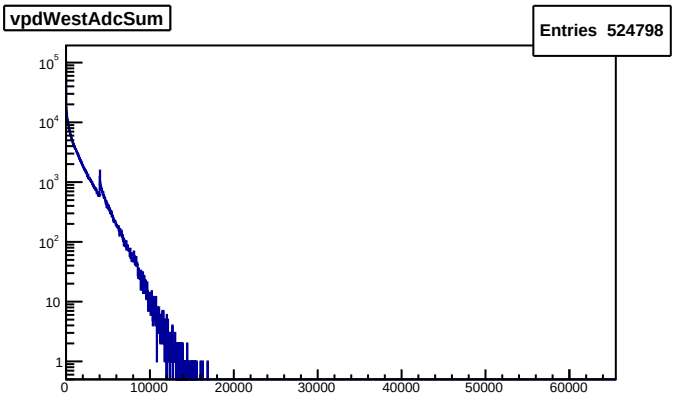
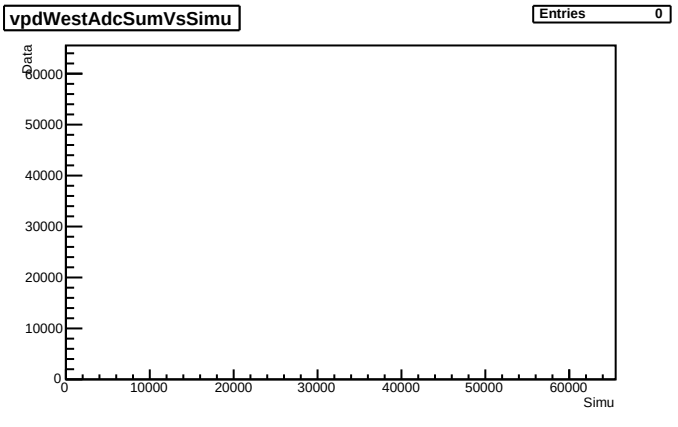

vpdWestAdcSum
Entries 524798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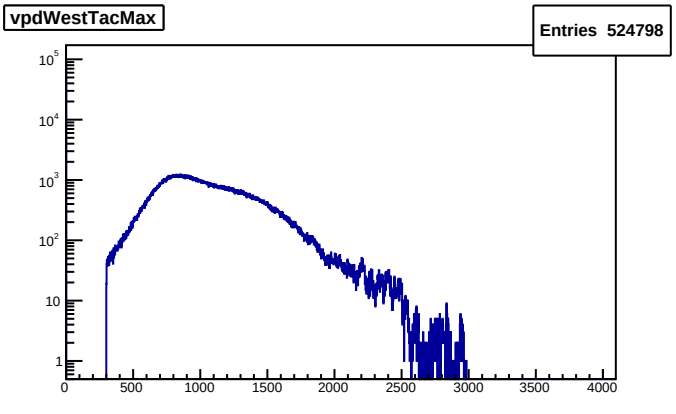
Entries 0
Data
Simu


vpdWestTacMax
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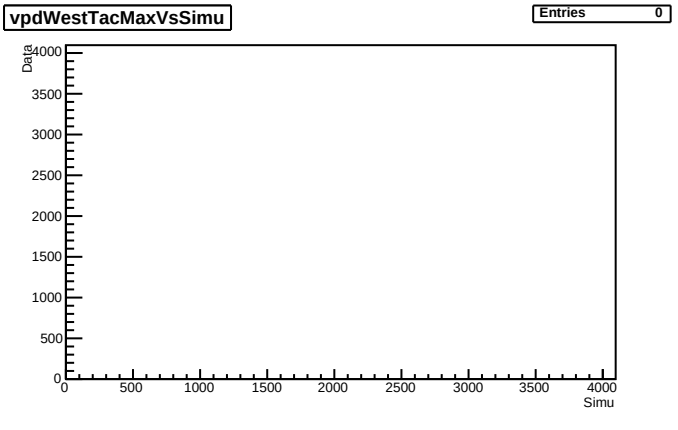
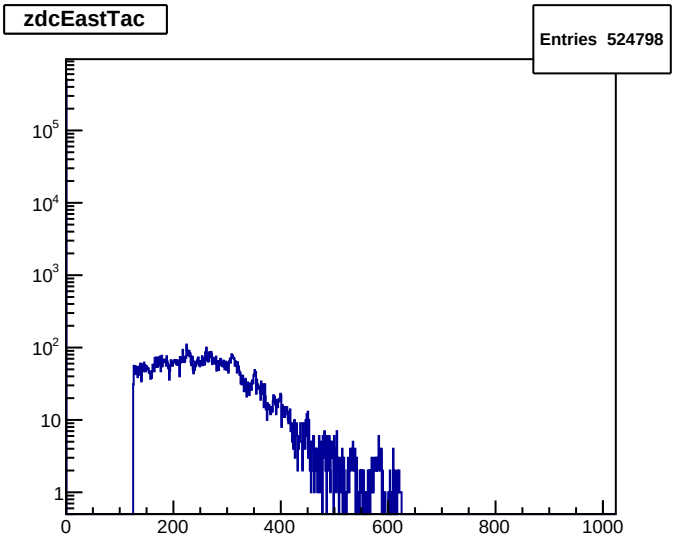
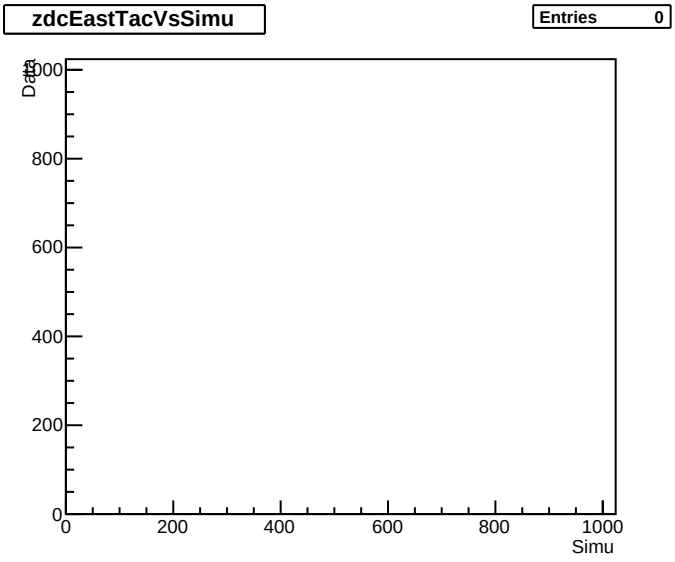
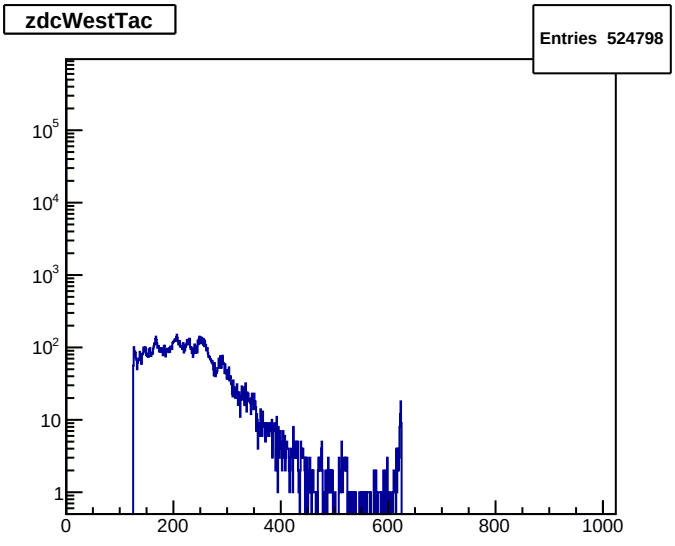
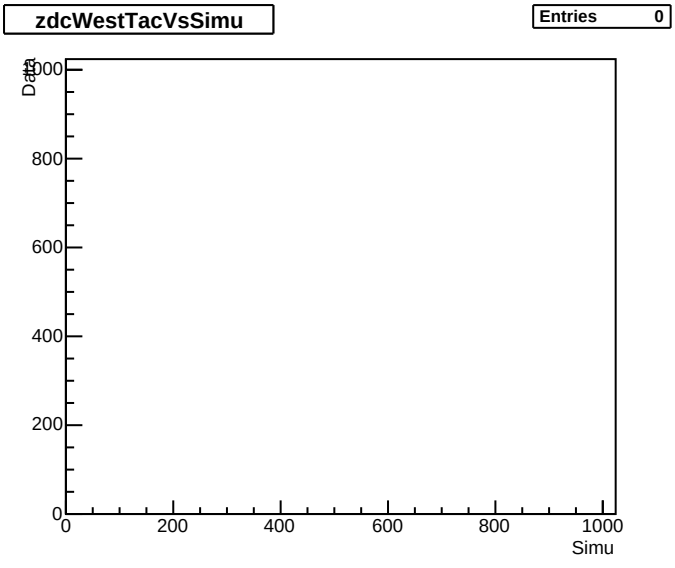
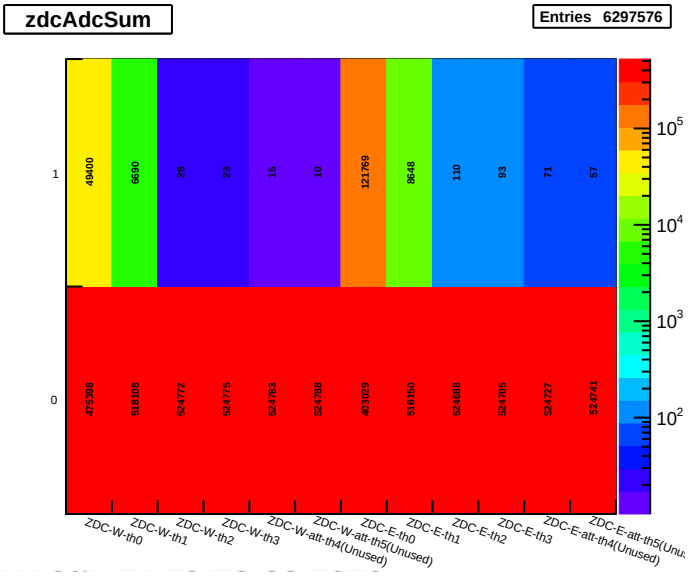

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 524798
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 524798
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 6297576
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0
49400
6690
26
23
15
10
121769
8648
110
93
71
57
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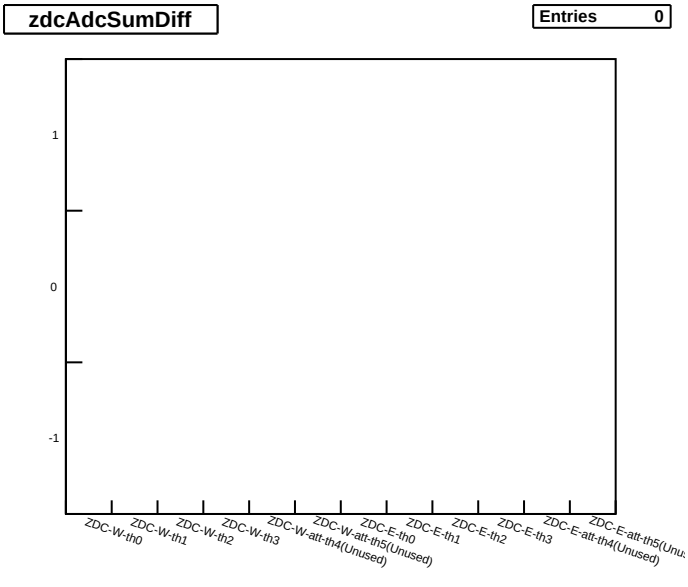
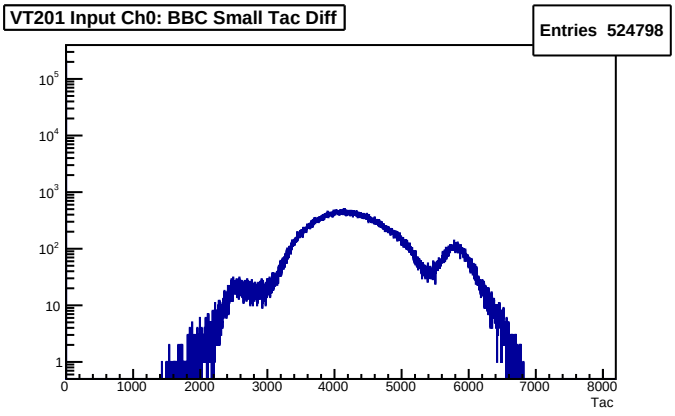
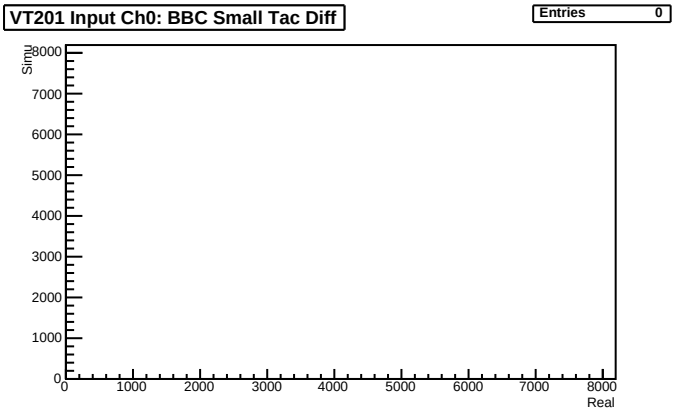
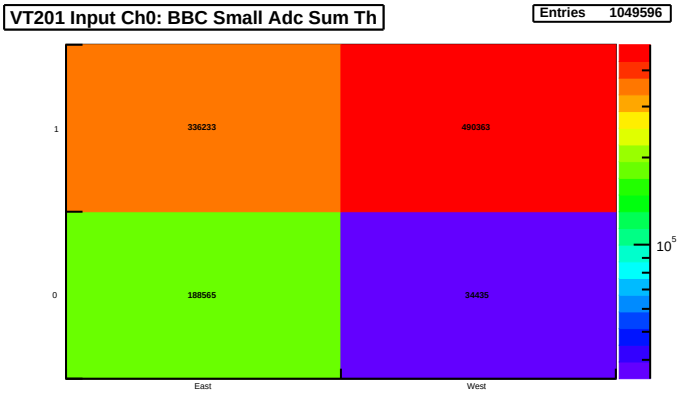
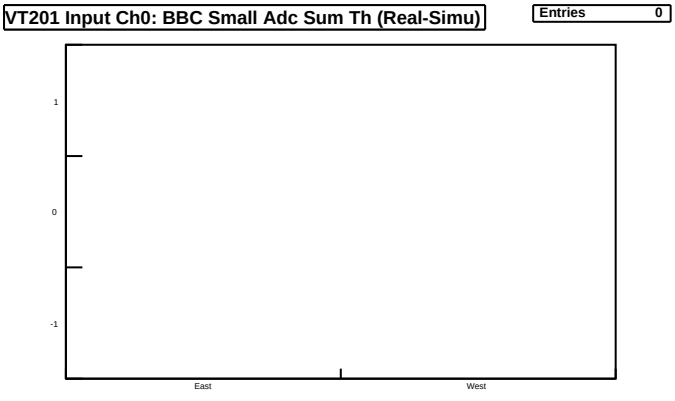
518108
524772
524775
524783
524788
403029
516150
524688
524705
524727
524741
10^5
10^4
10^3
10^2
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

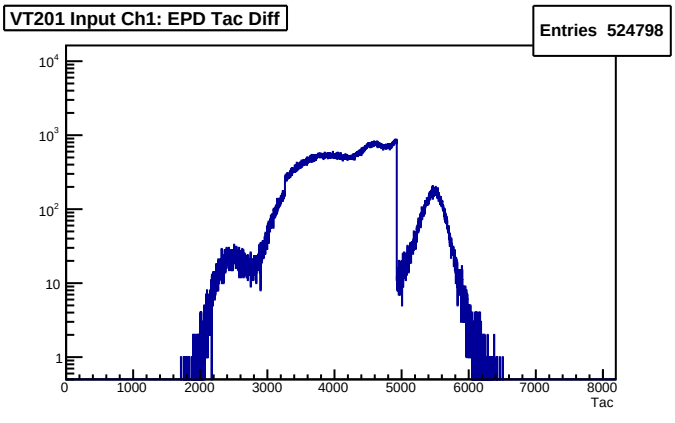

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

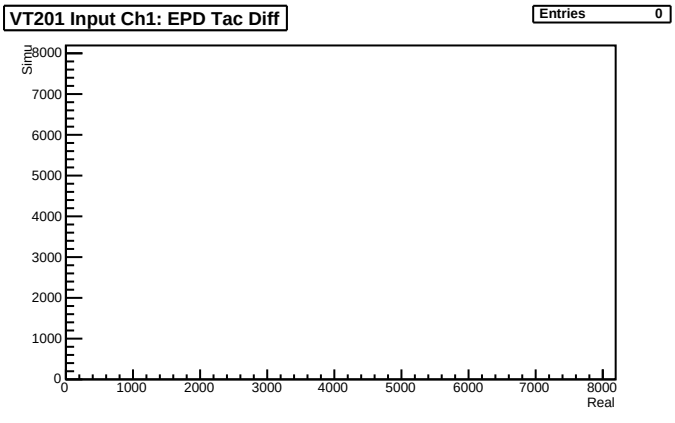

VT201 Input Ch0: BBC Small Tac Diff
Entries 524798
Tac

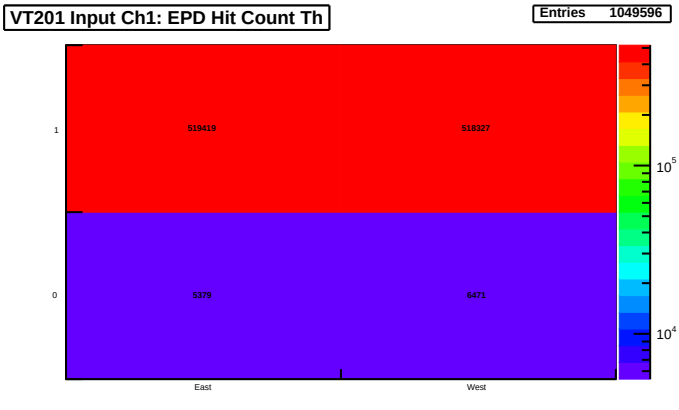

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

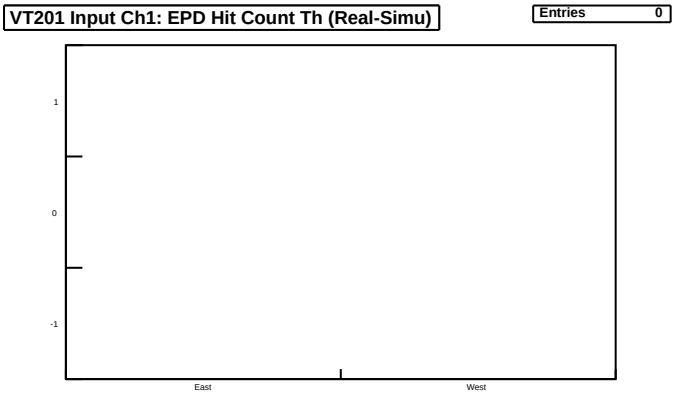

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1049596
336233
490363
188565
34435
East
West

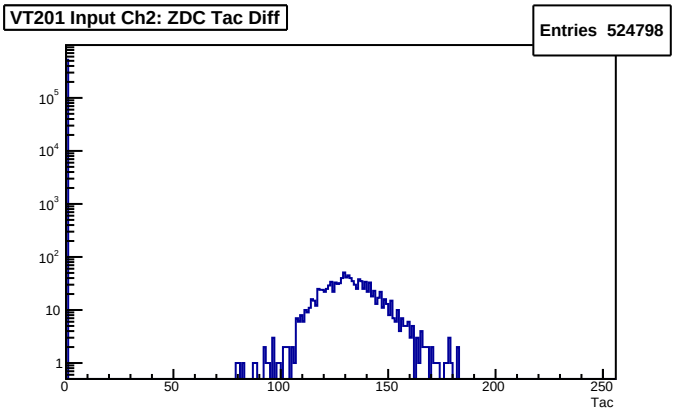

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

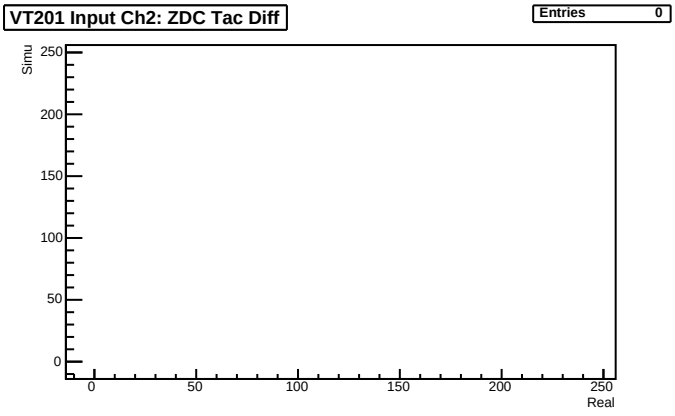

VT201 Input Ch1: EPD Tac Diff
Entries 524798
Tac

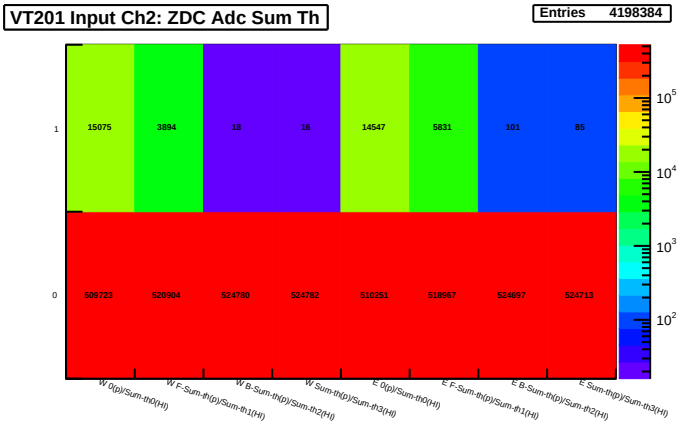

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

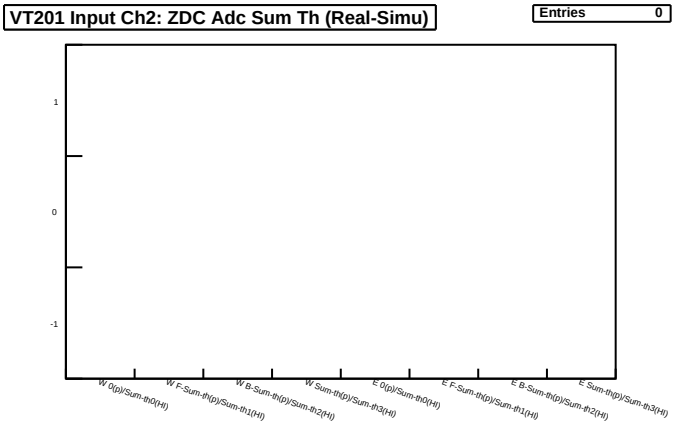

VT201 Input Ch1: EPD Hit Count Th
Entries 1049596
519419
518327
5379
6471
East
West

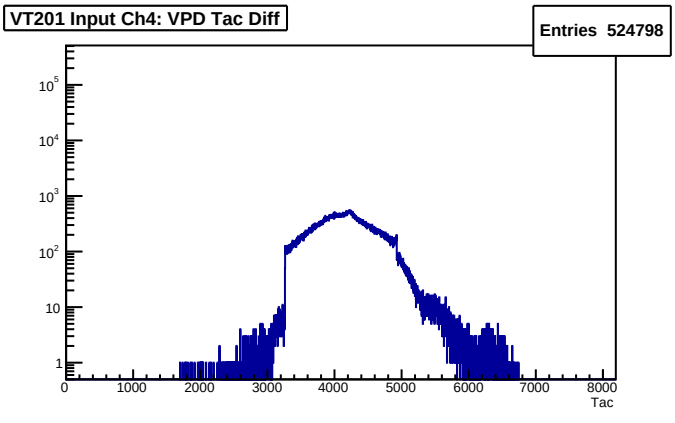

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

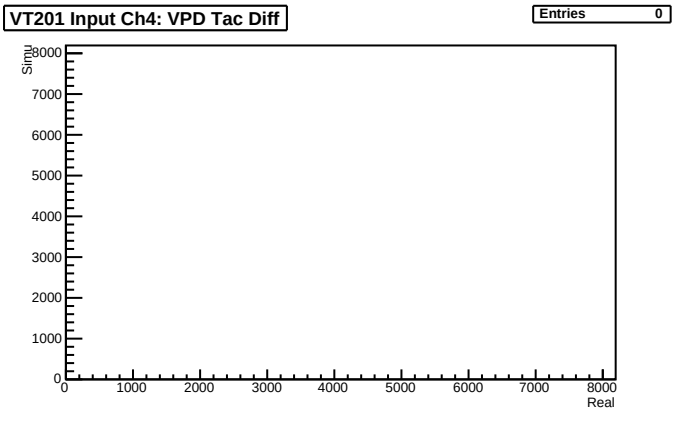

VT201 Input Ch2: ZDC Tac Diff
Entries 524798
Tac

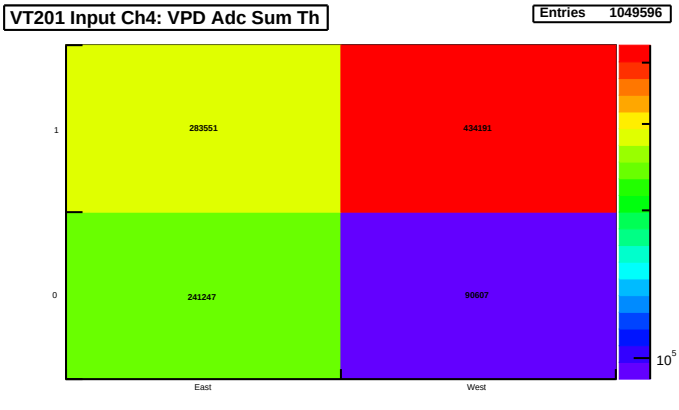

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

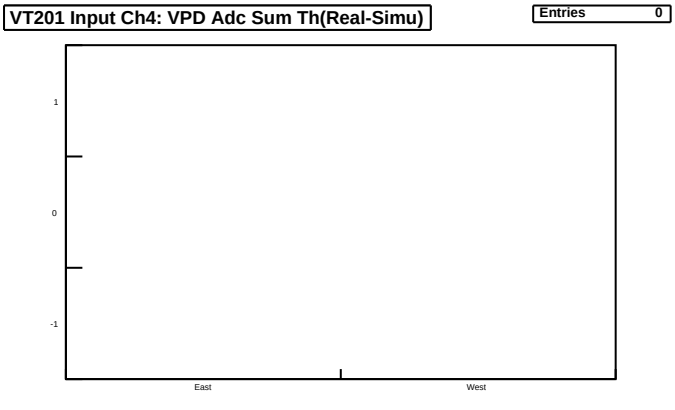

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4198384
15075
3894
18
16
14547
5831
101
85
509723
520904
524780
524782
510251
518967
524697
524713
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

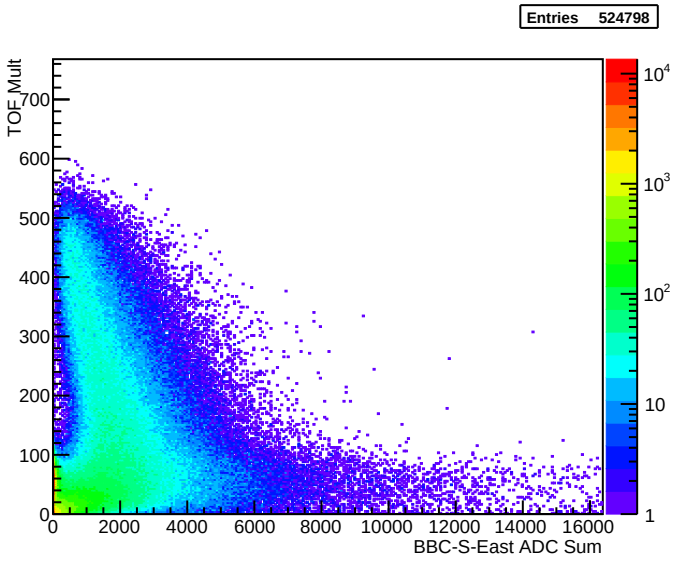

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

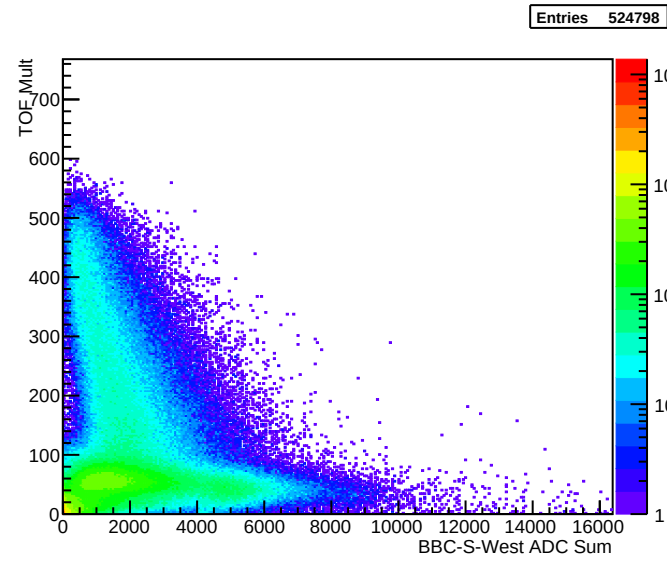

VT201 Input Ch4: VPD Tac Diff
Entries 524798
Tac

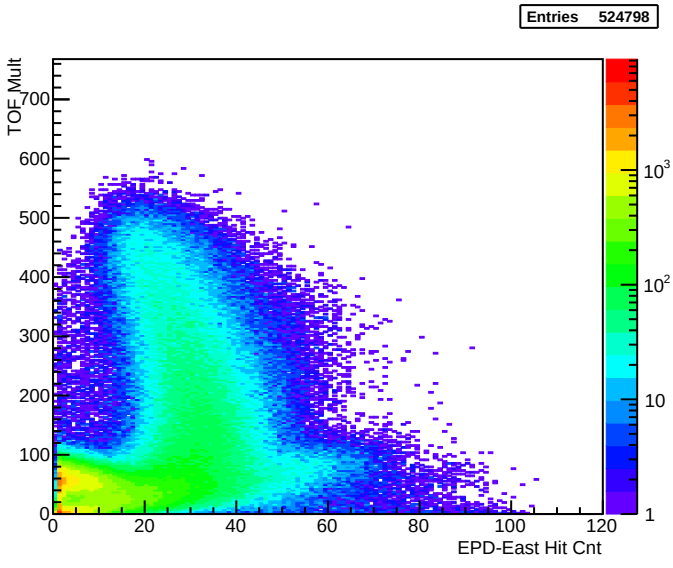

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

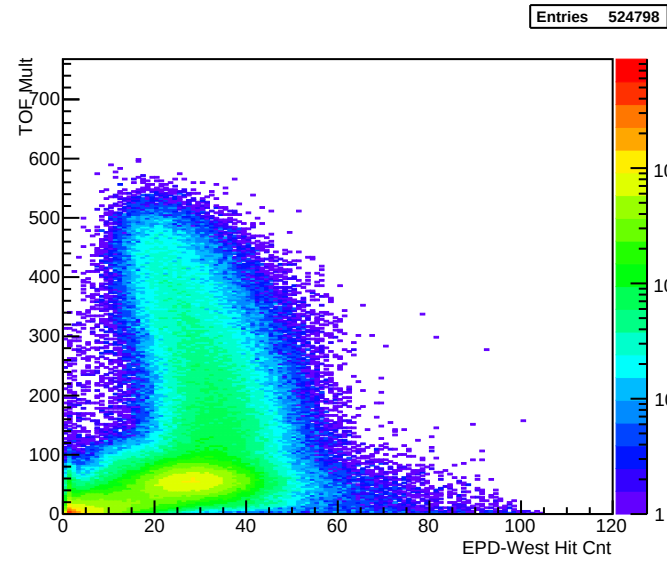

VT201 Input Ch4: VPD Adc Sum Th
Entries 1049596
283551
434191
241247
90607
East
West

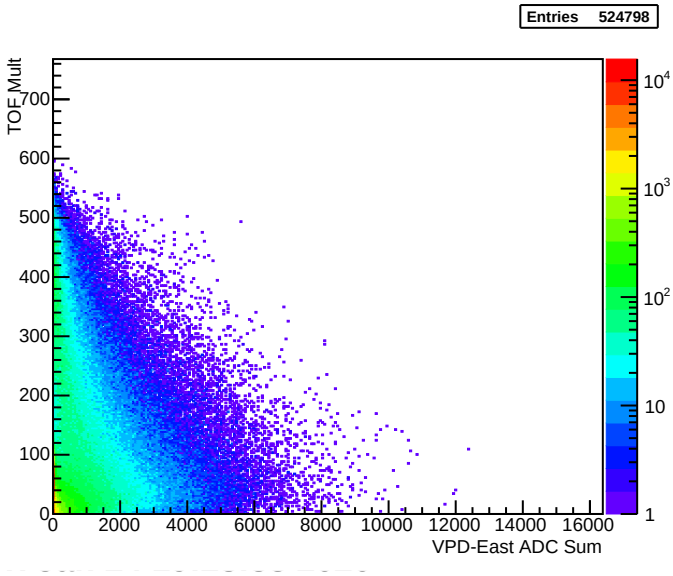

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

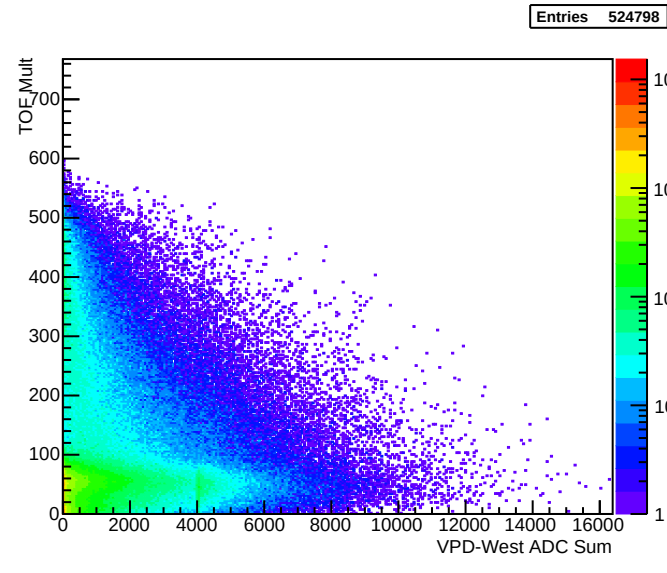

Entries 524798
TOF_Mult
BBC-S-East ADC Sum

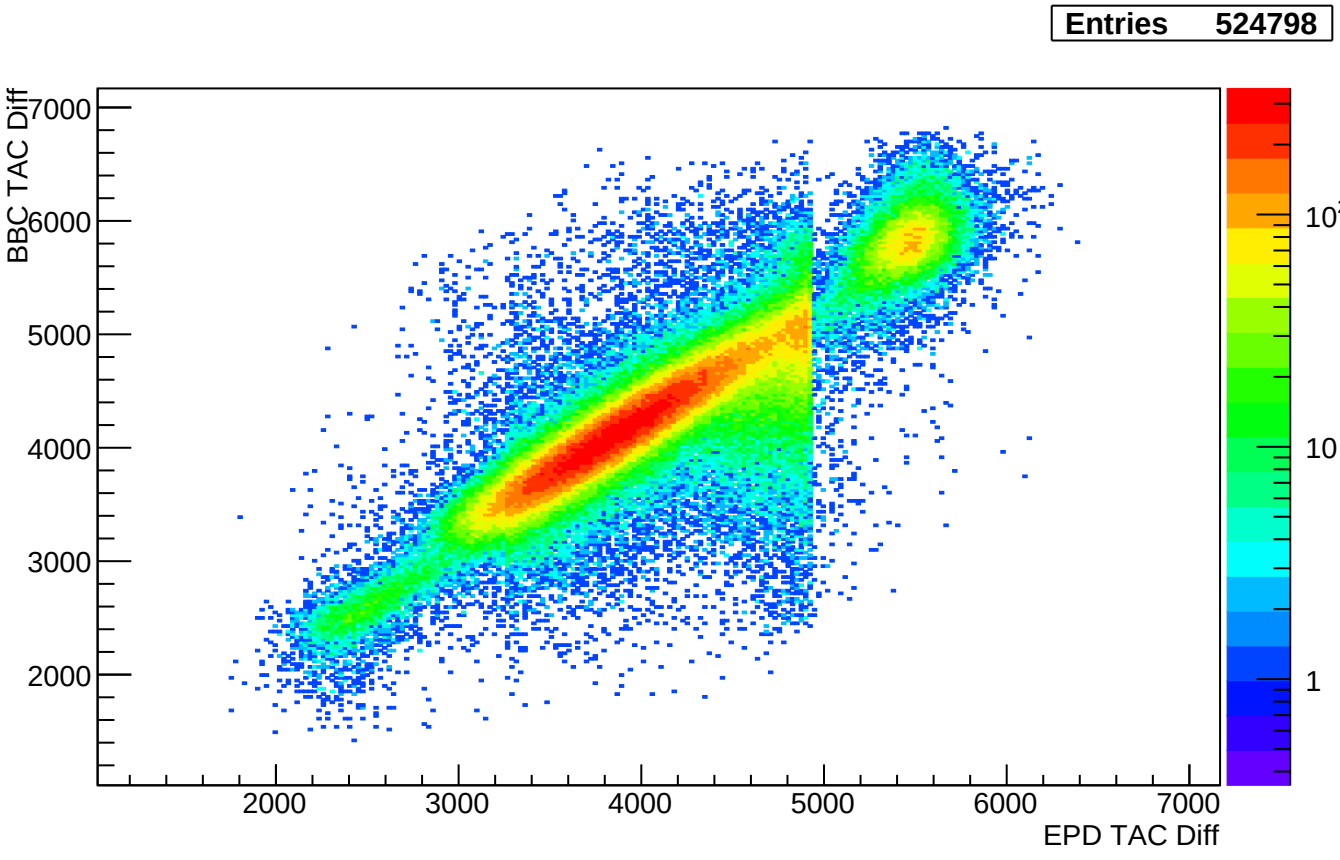

Entries 524798
TOF_Mult
BBC-S-West ADC Sum

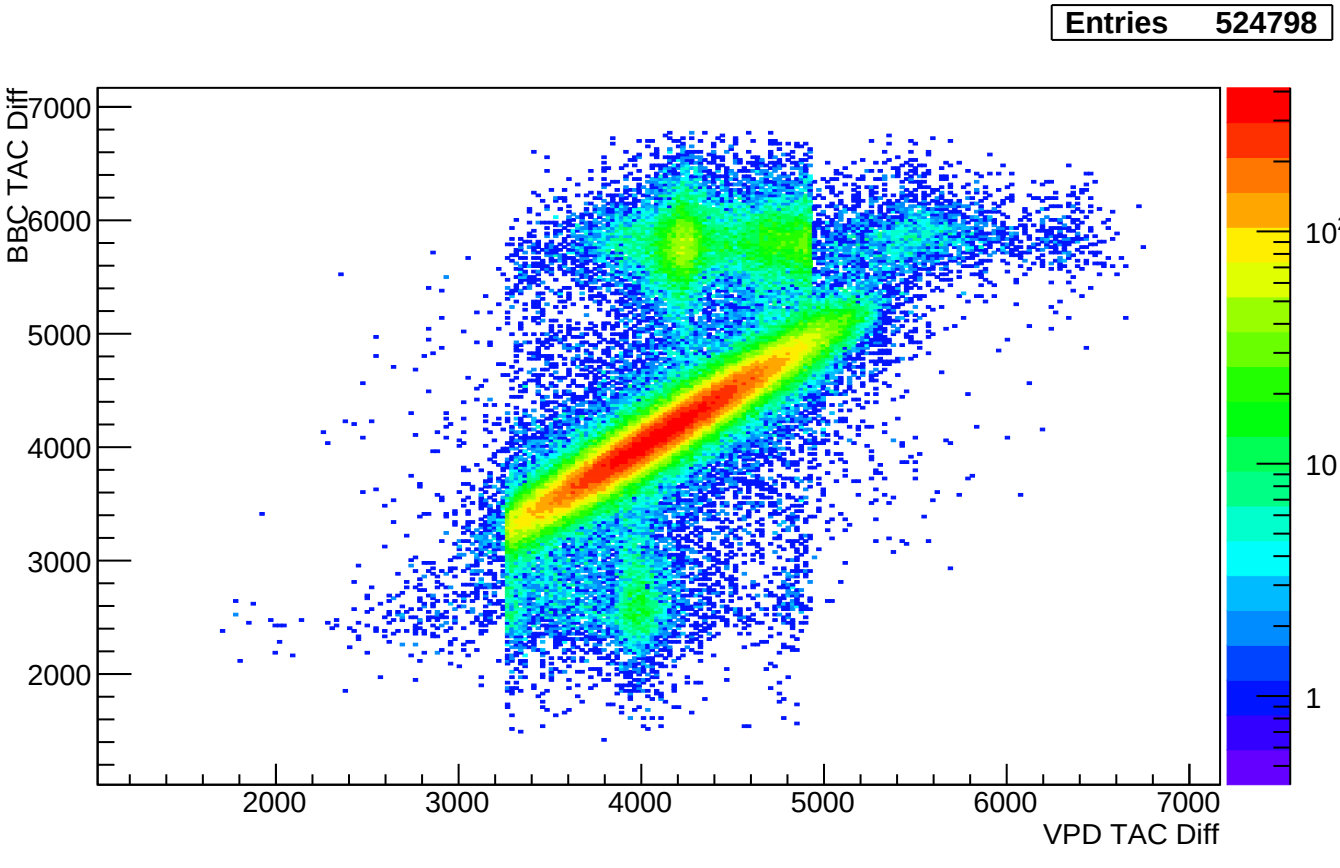

Entries 524798
TOF_Mult
EPD-East Hit Cnt

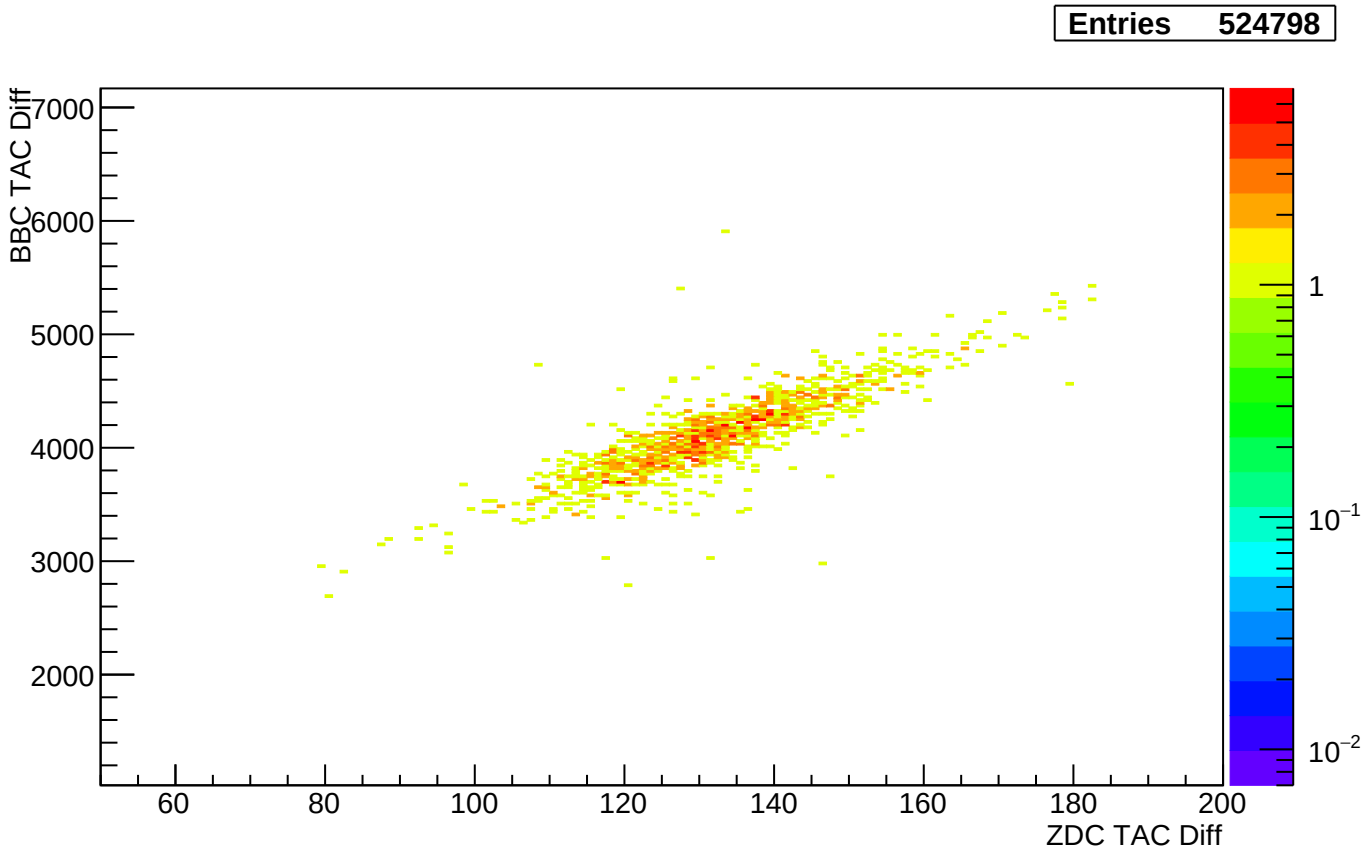

Entries 524798
TOF_Mult
EPD-West Hit Cnt

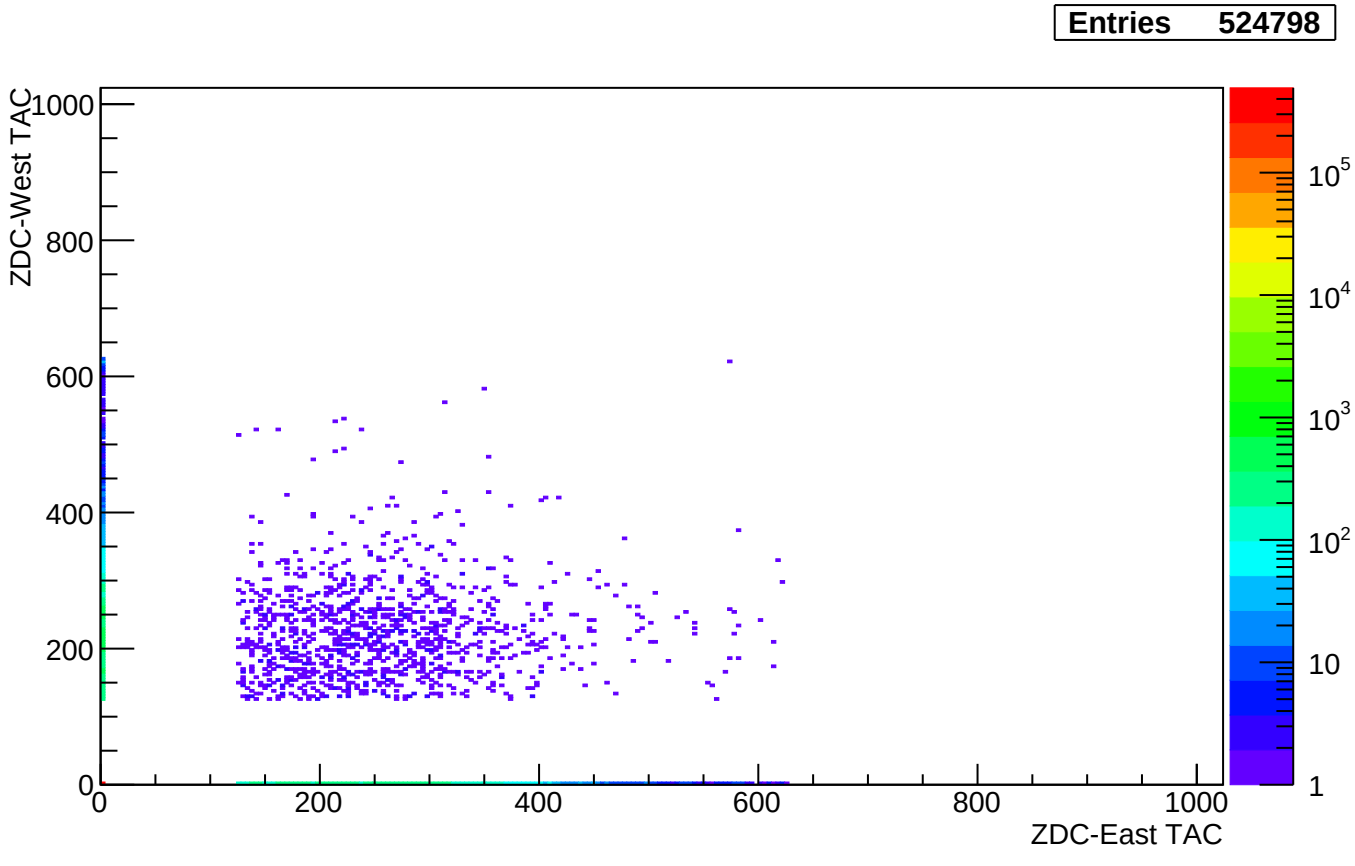

Entries 524798
TOF_Mult
VPD-East ADC Sum

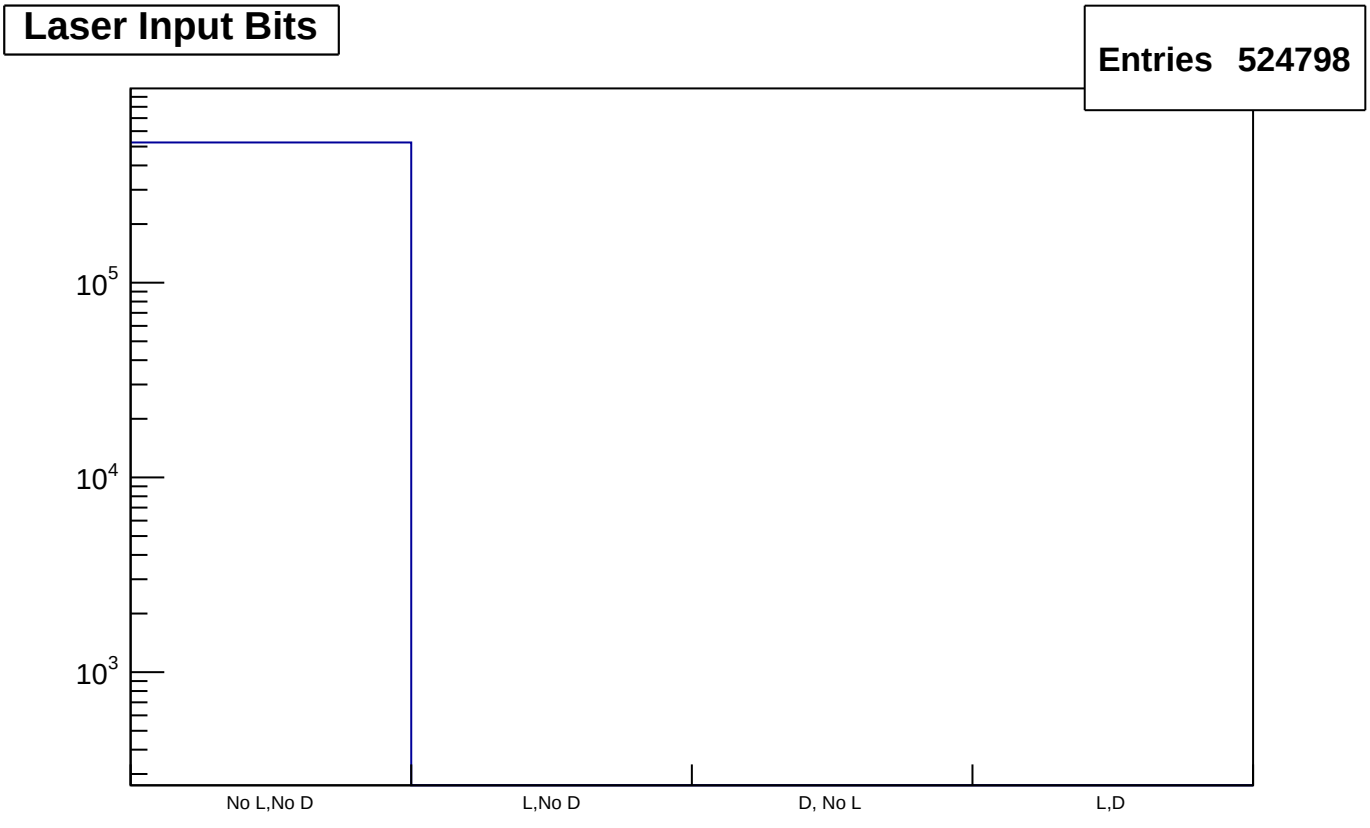

Entries 524798
TOF_Mult
VPD-West ADC Sum

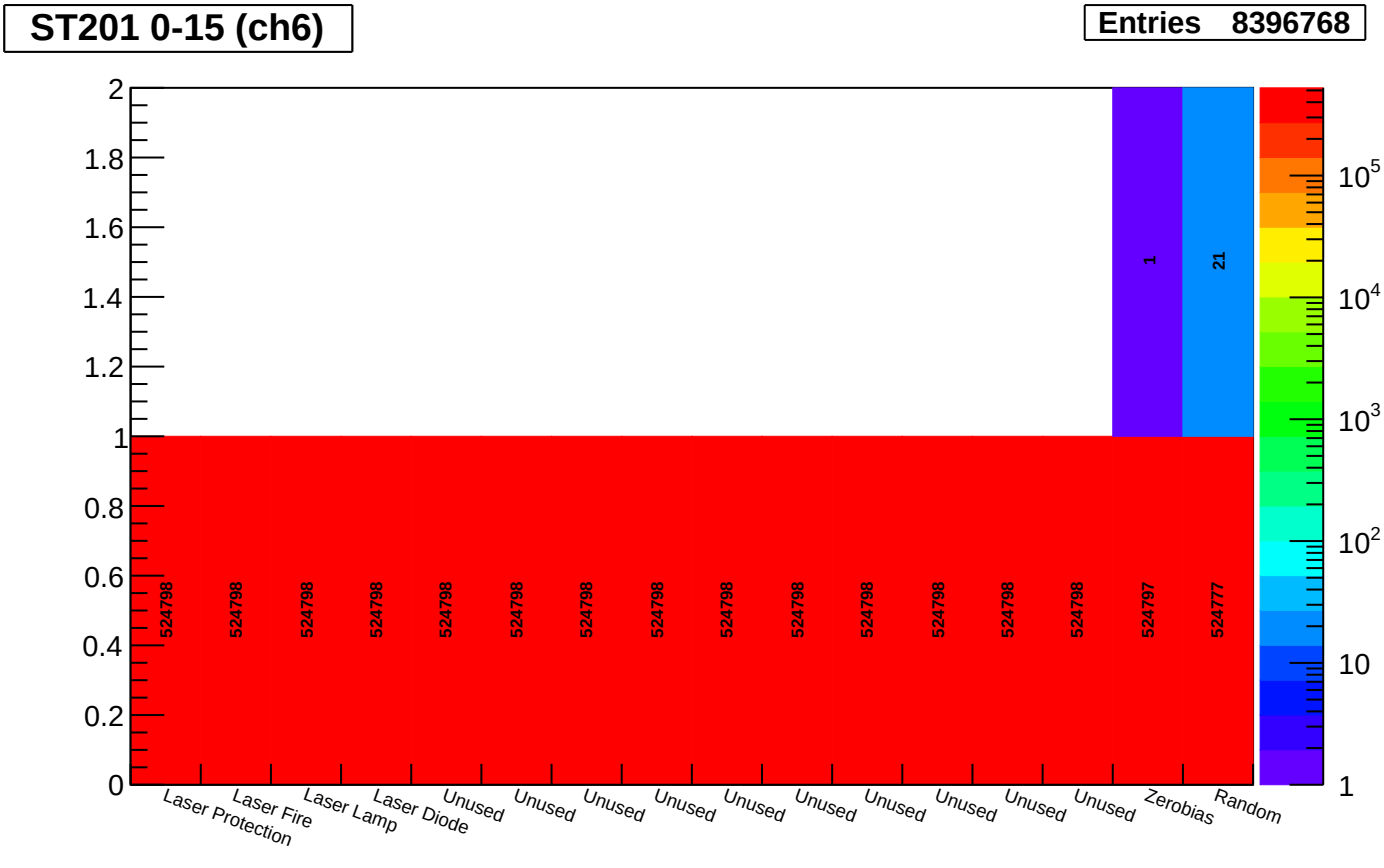

Entries 524798
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

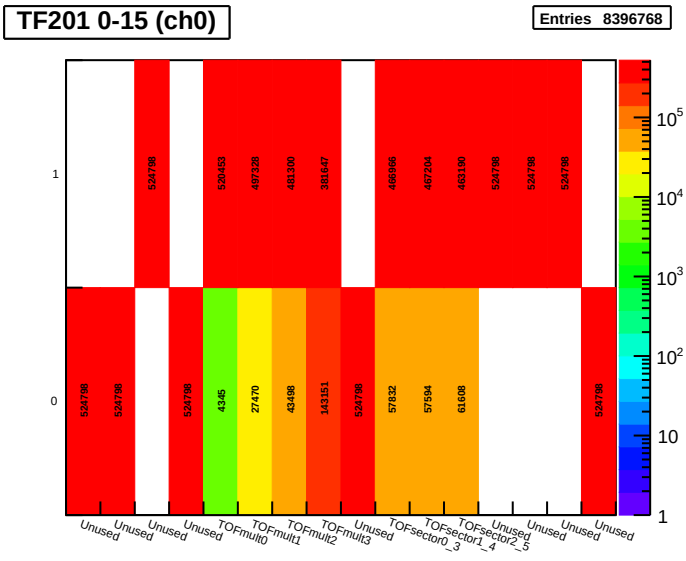

Entries 524798
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

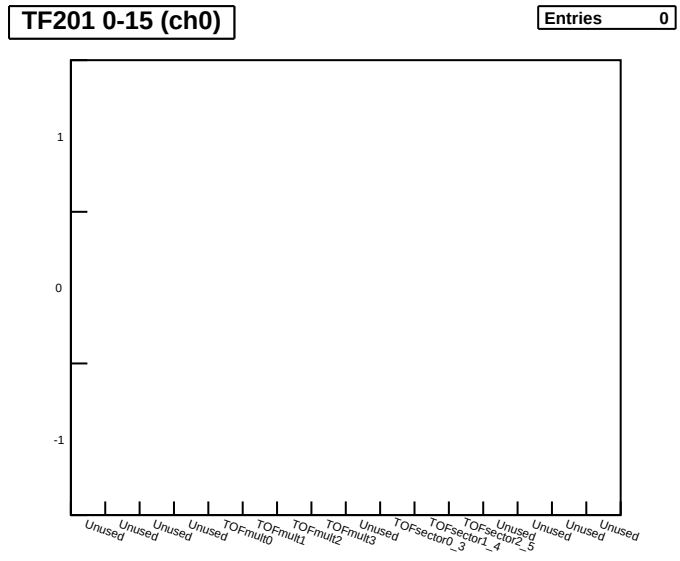

Entries 524798
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

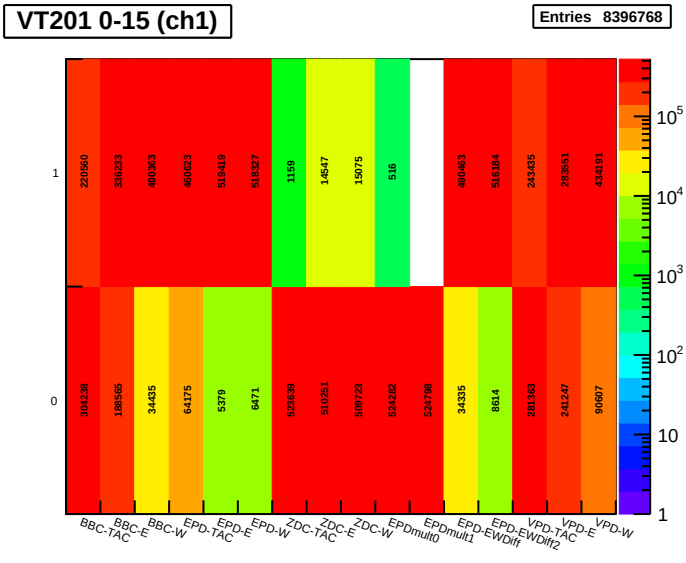

Entries 524798
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

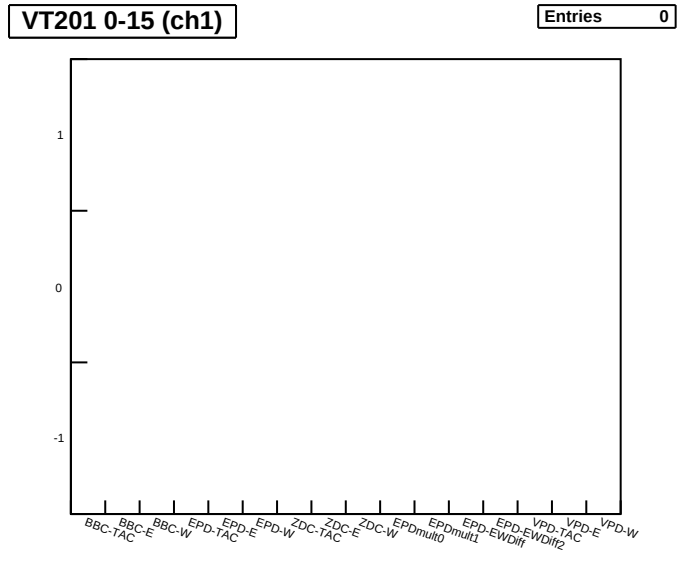

Laser Input Bits
Entries 524798
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

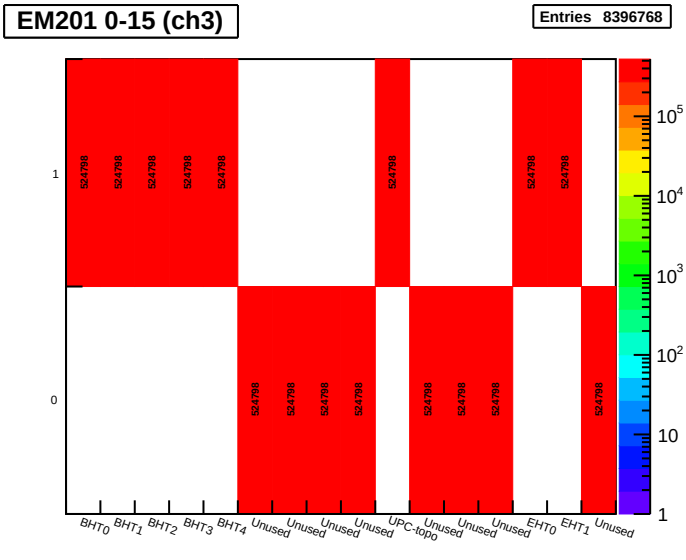

ST201 0-15 (ch6)
Entries 8396768
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
524798
524798
524798
524798
524798
524798
524798
524798
524798
524798
524798
524798
524798
524798
524797
524777
1
21
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

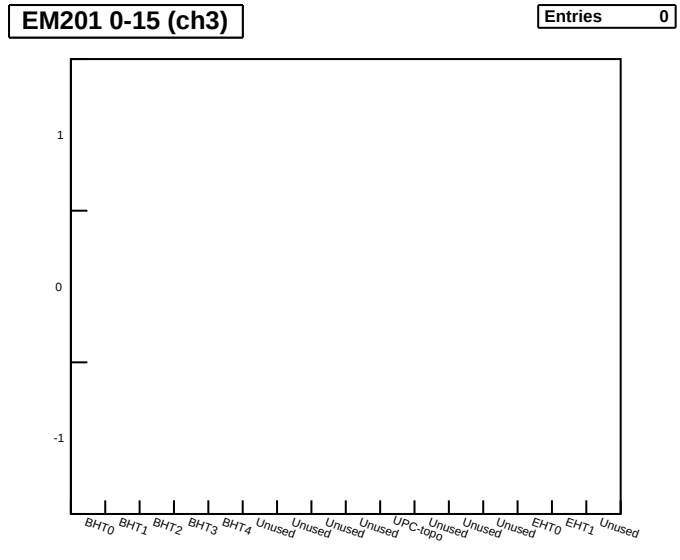

TF201 0-15 (ch0)
Entries 8396768
1
0
524798
520453
497328
481300
381647
466966
467204
463190
524798
524798
524798
524798
524798
524798
524798
4345
27470
43498
143151
524798
57832
57594
61608
524798
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 8396768
1
0
220950
336233
490363
460623
519419
518327
1159
14647
15075
516
490463
516184
243435
283551
434191
304238
188565
34435
64175
5379
6471
522639
510251
509723
524282
524798
34335
8614
281363
241247
90607
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 8396768
1
0
524798
524798
524798
524798
524798
524798
524798
524798
524798
524798
524798
524798
524798
524798
524798
524798
524798
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