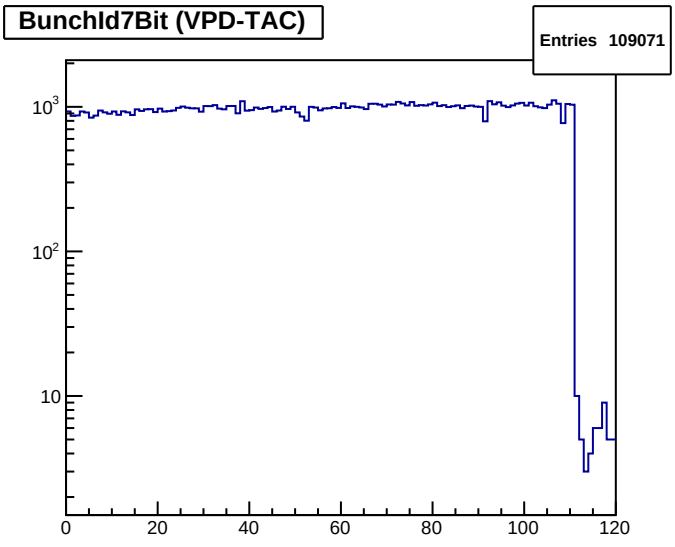
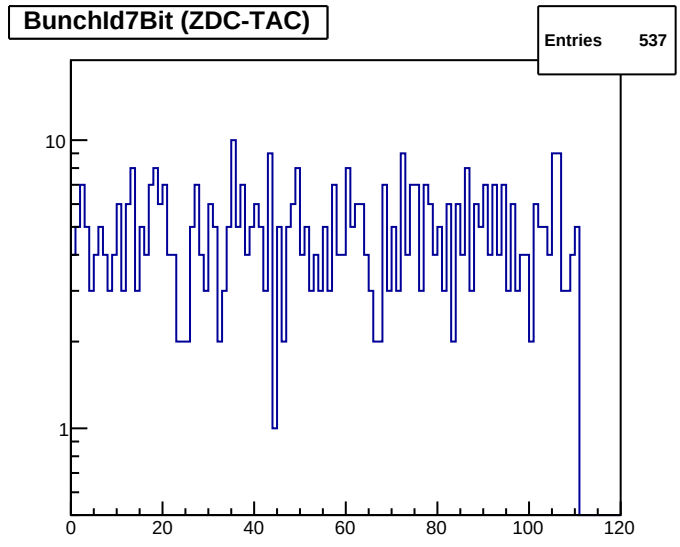
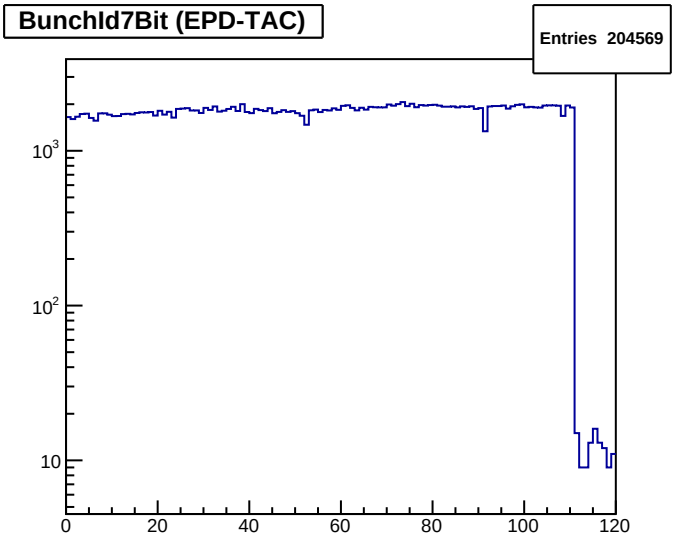
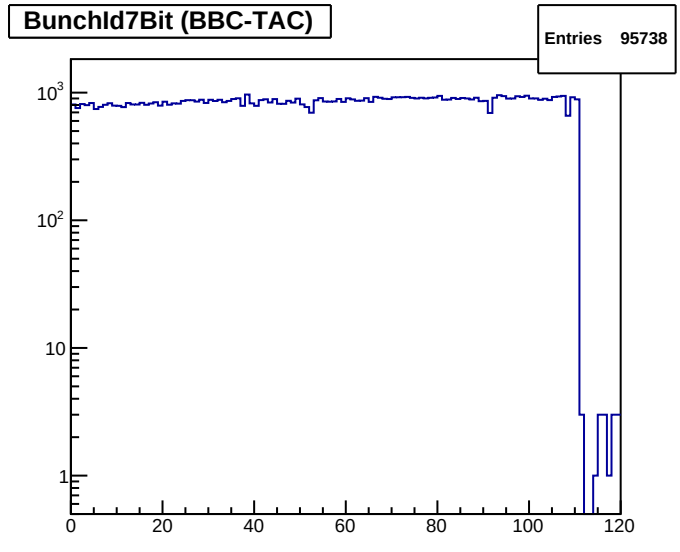
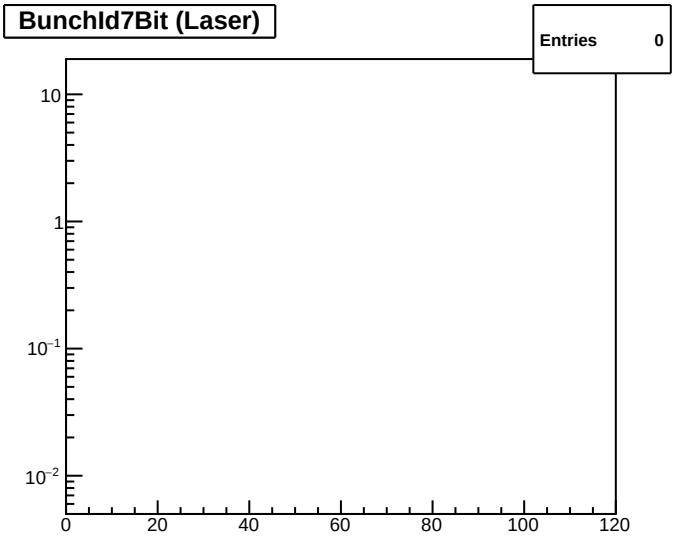
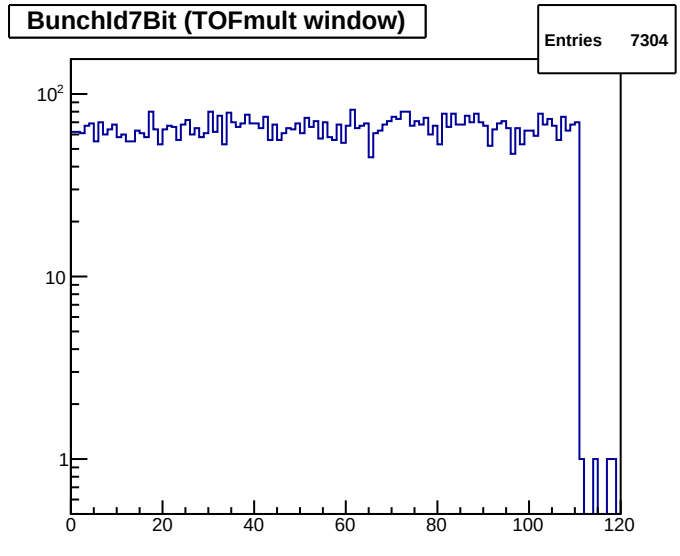

BunchId7Bit (VPD-TAC)
Entries 109071

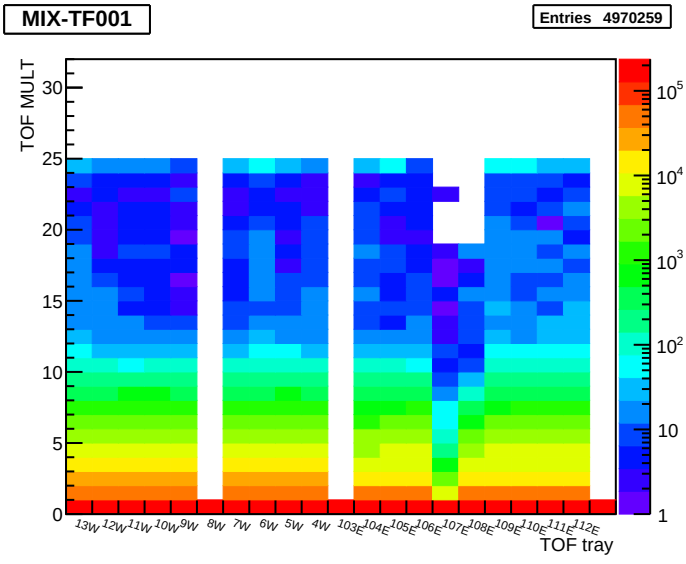

BunchId7Bit (ZDC-TAC)
Entries 537

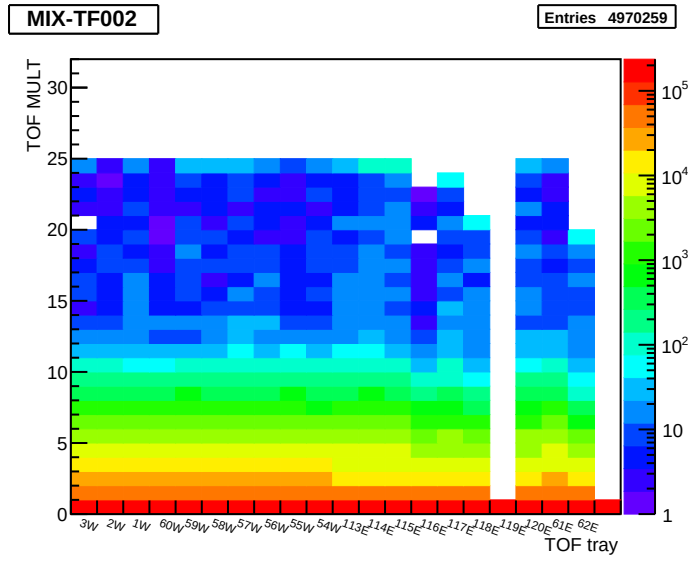

BunchId7Bit (EPD-TAC)
Entries 204569

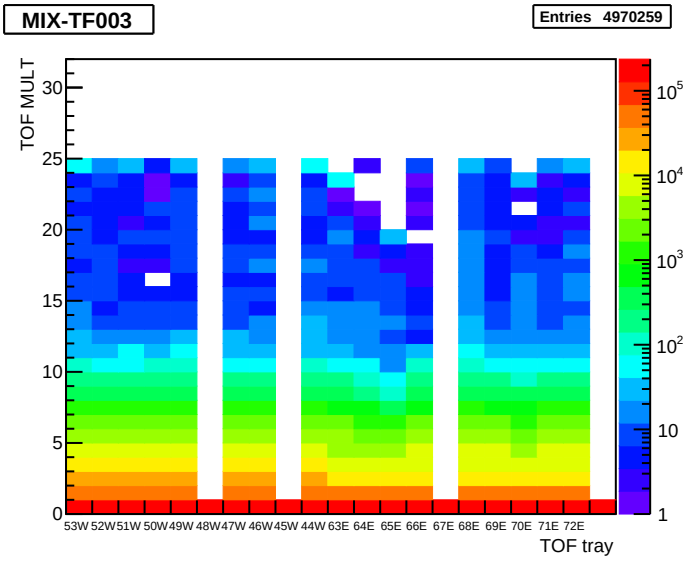

BunchId7Bit (BBC-TAC)
Entries 95738

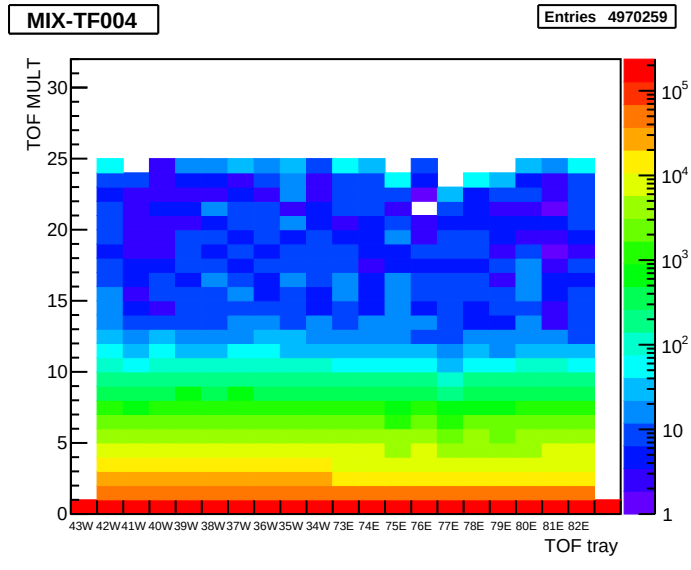

BunchId7Bit (Laser)
Entries 0

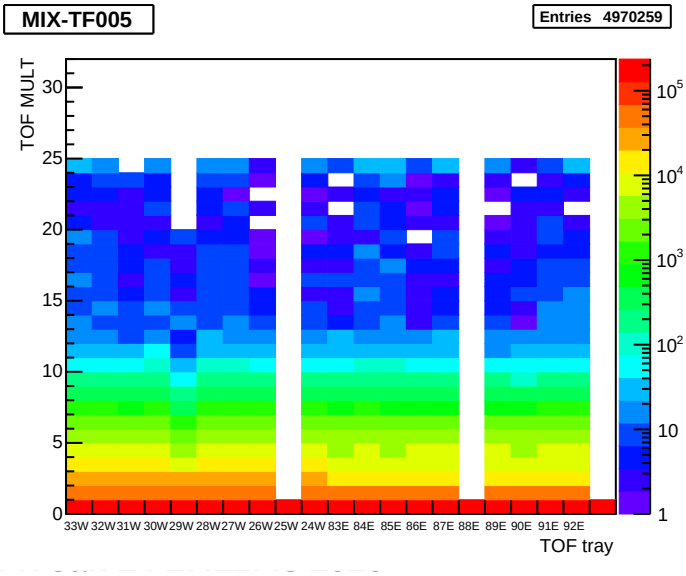

BunchId7Bit (TOFmult window)
Entries 7304

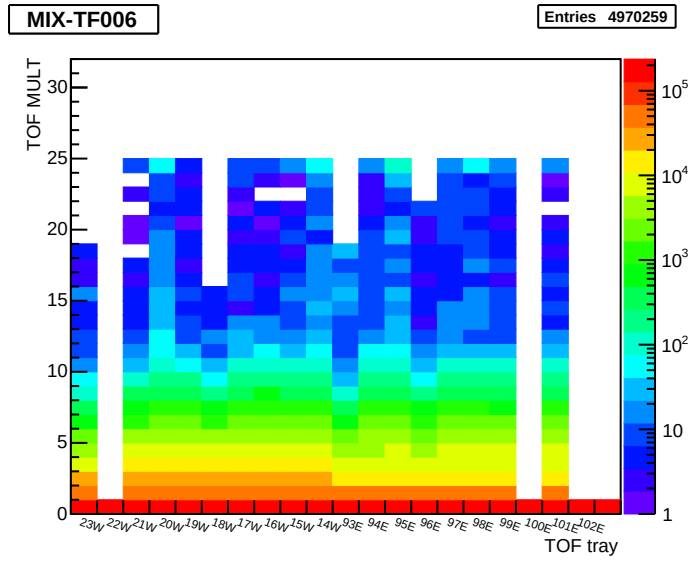

MIX-TF001
Entries 4970259
TOF MULT
TOF tray

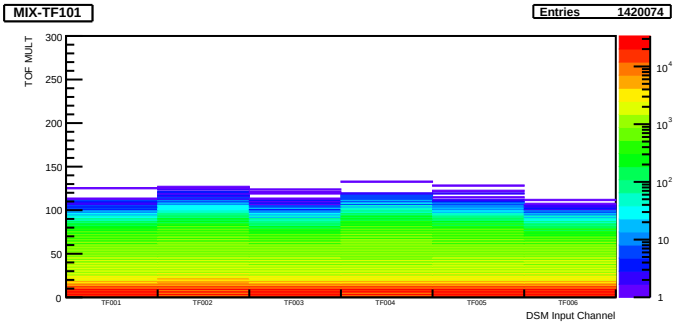

MIX-TF002
Entries 4970259
TOF MULT
TOF tray

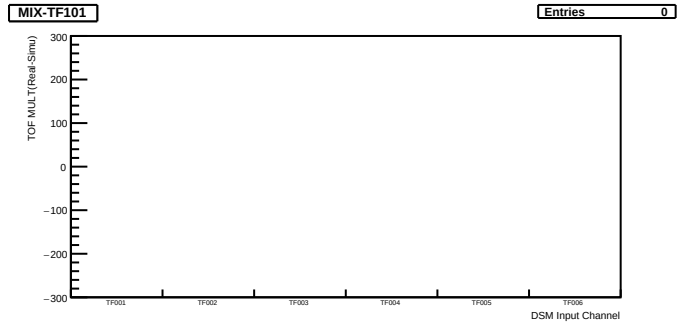

MIX-TF003
Entries 4970259
TOF MULT
TOF tray

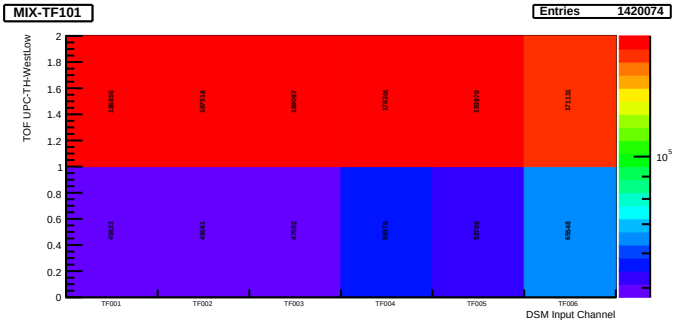

MIX-TF004
Entries 4970259
TOF MULT
TOF tray

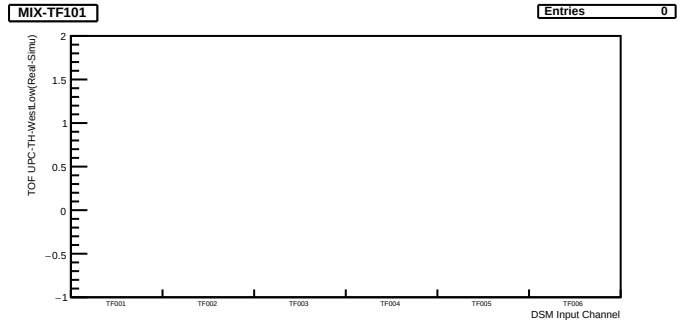

MIX-TF005
Entries 4970259
TOF MULT
TOF tray

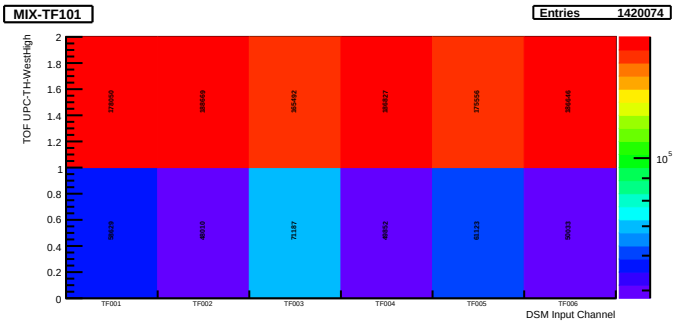

MIX-TF006
Entries 4970259
TOF MULT
TOF tray

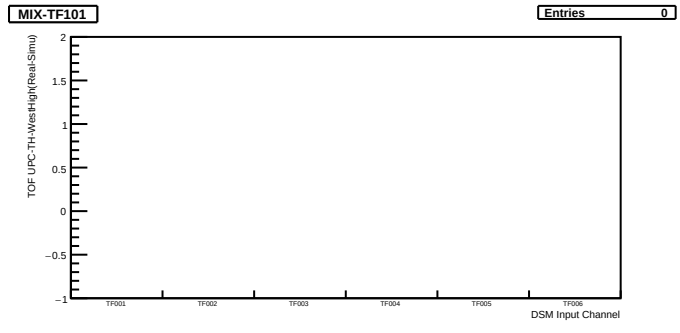

MIX-TF101
Entries 1420074
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

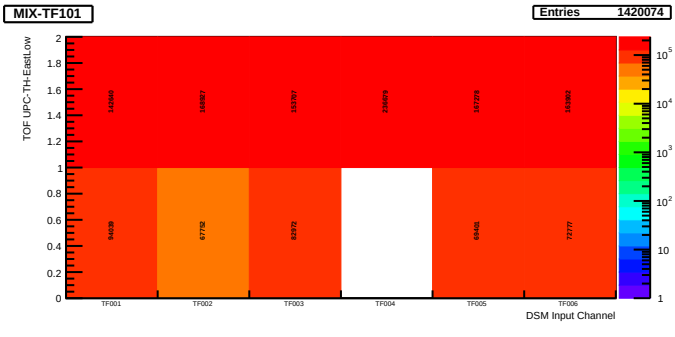

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

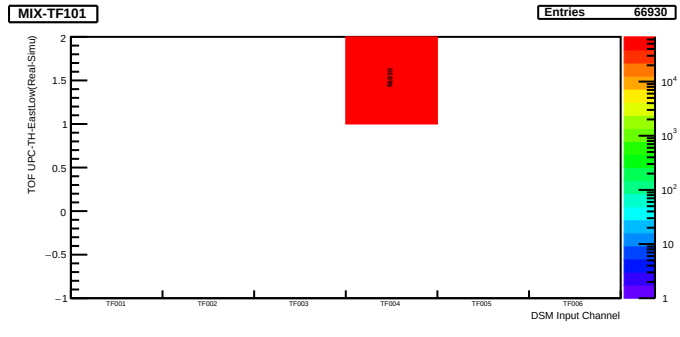

MIX-TF101
Entries 1420074
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

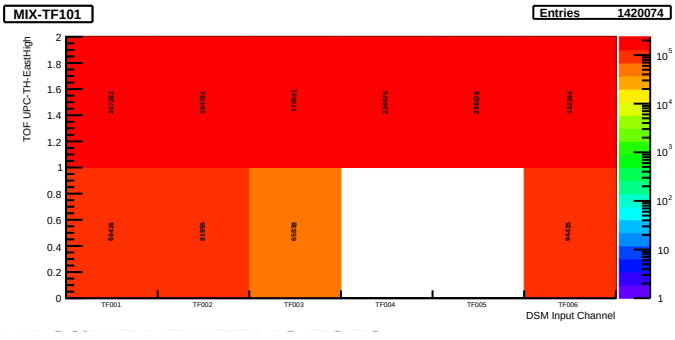

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

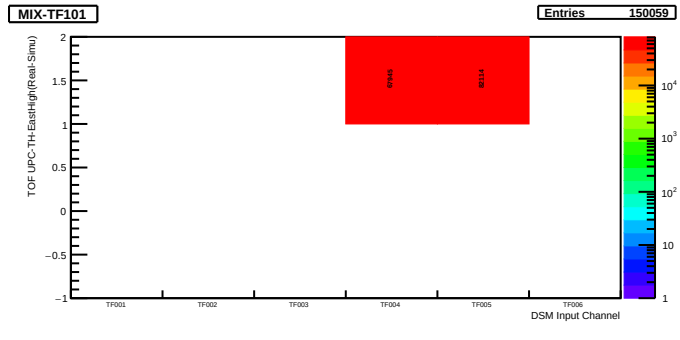

MIX-TF101
Entries 1420074
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

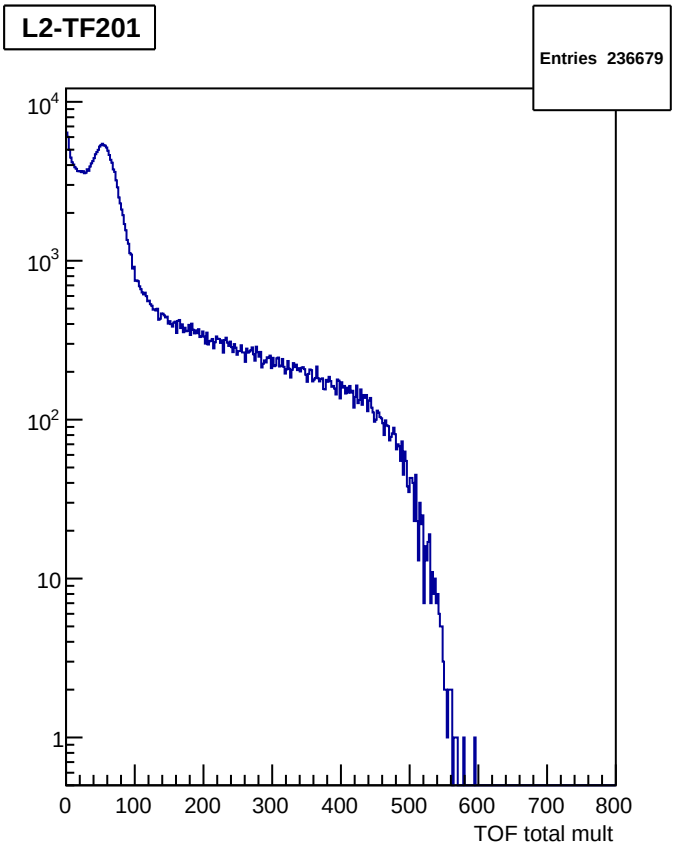

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

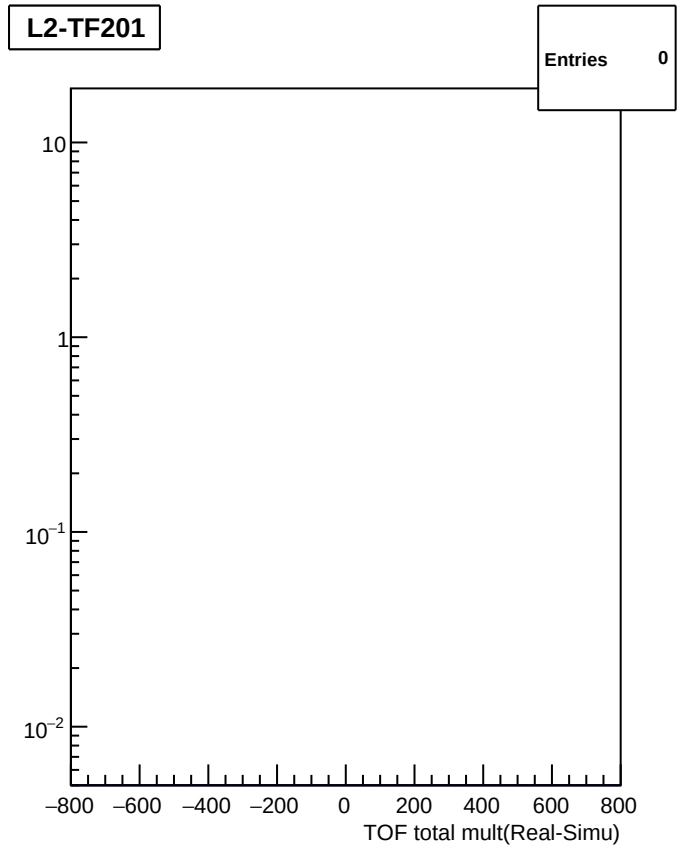

MIX-TF101
Entries 1420074
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

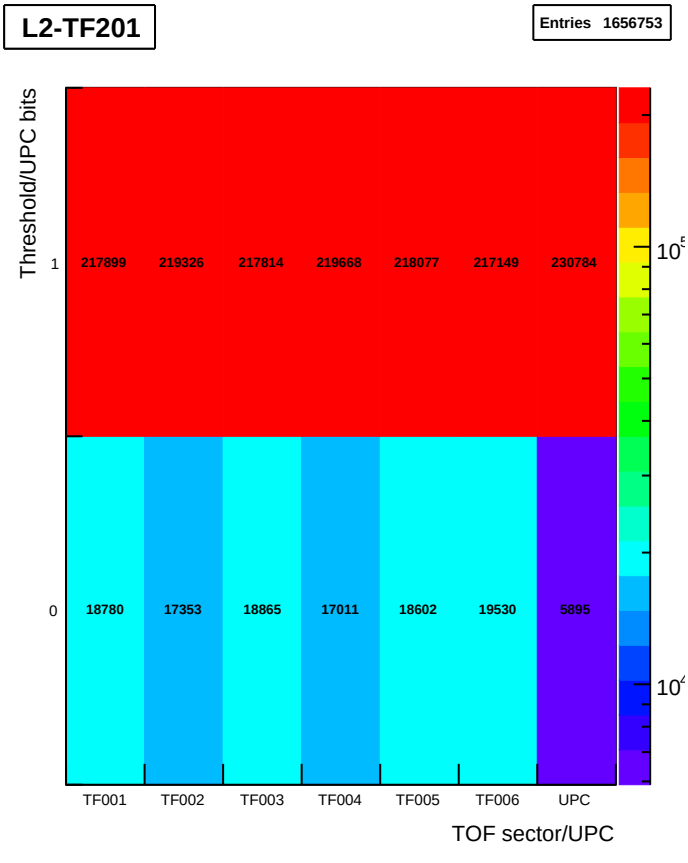

MIX-TF101
Entries 66930
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

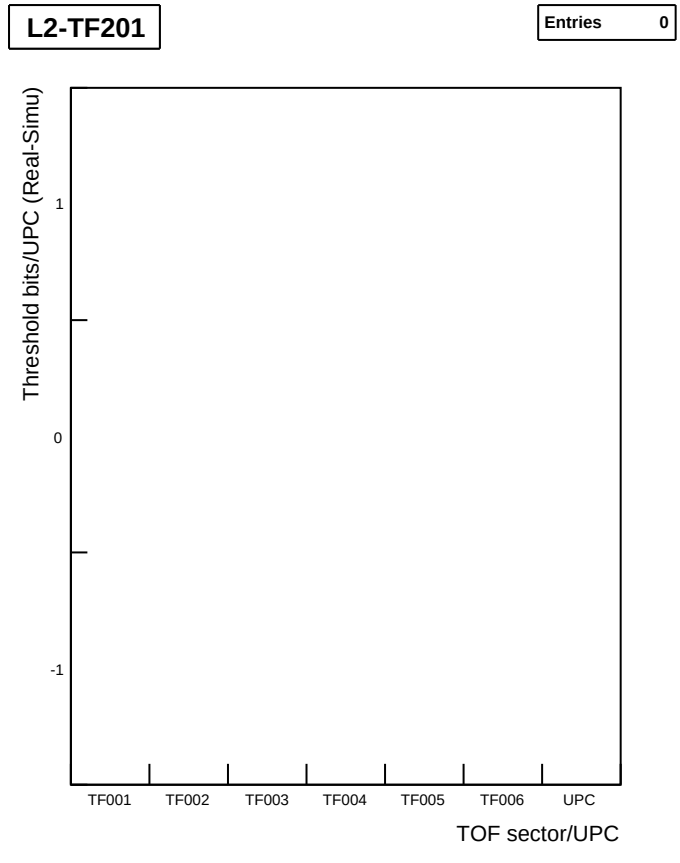

MIX-TF101
Entries 1420074
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

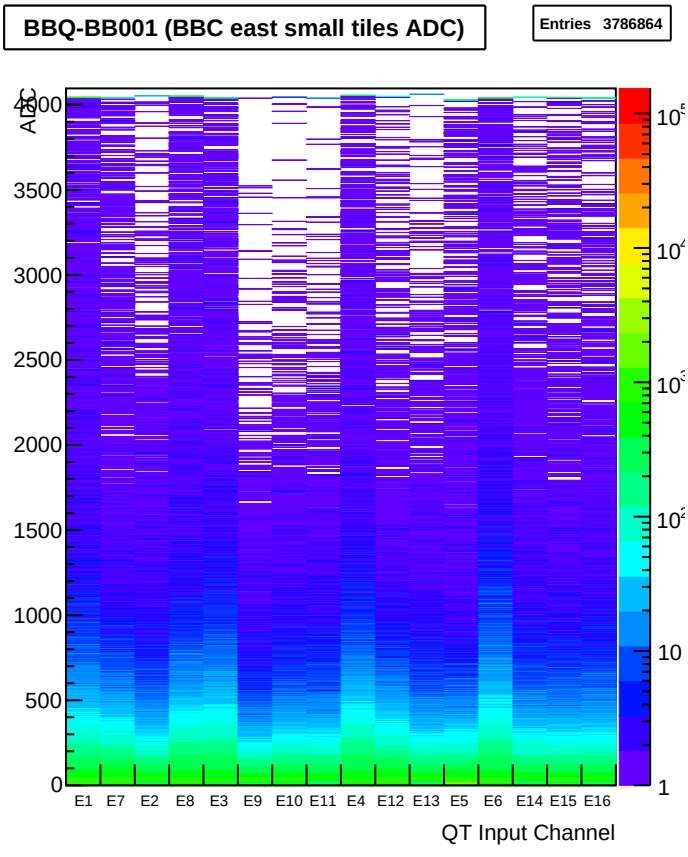

MIX-TF101
Entries 150059
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

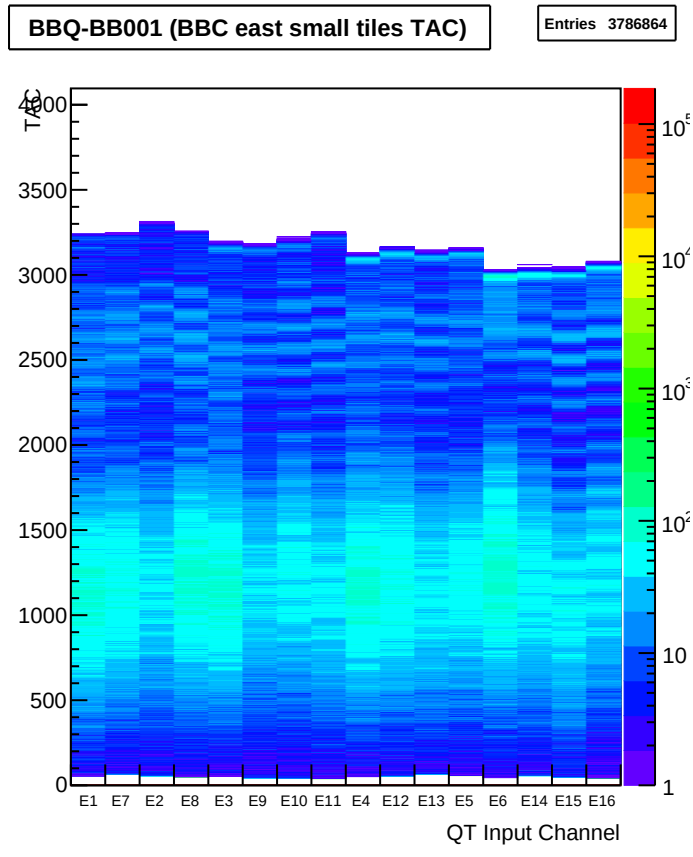

L2-TF201
Entries 236679
TOF total mult

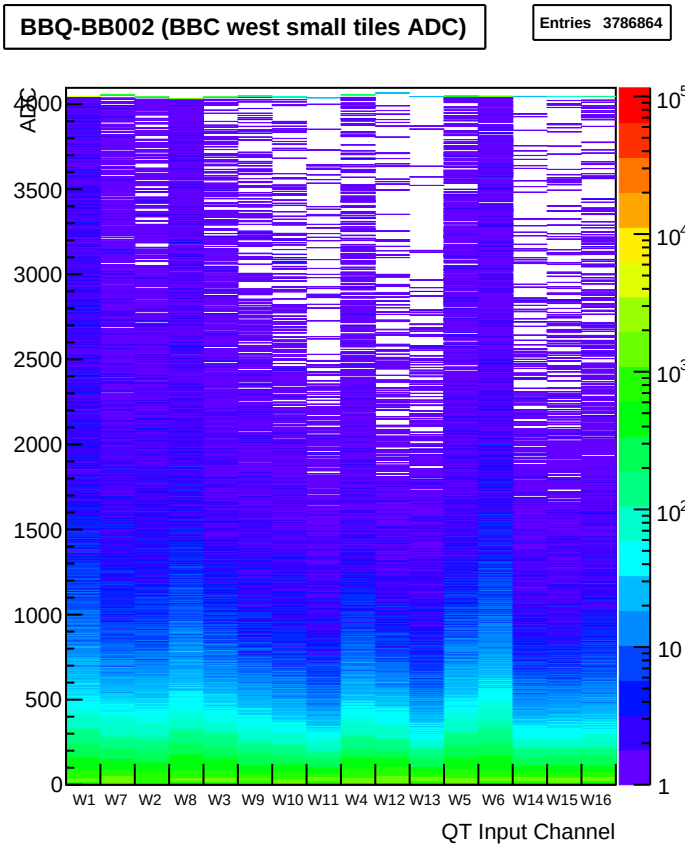

L2-TF201
Entries 0
TOF total mult(Real-Simu)

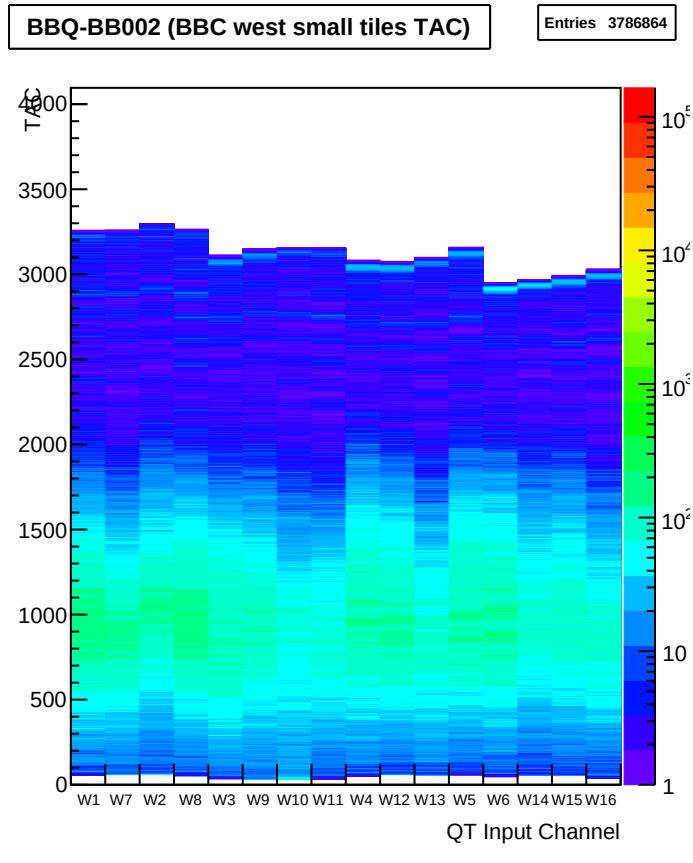

L2-TF201
Entries 1656753
Threshold/UPC bits
217899
219326
217814
219668
218077
217149
230784
18780
17353
18865
17011
18602
19530
5895
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

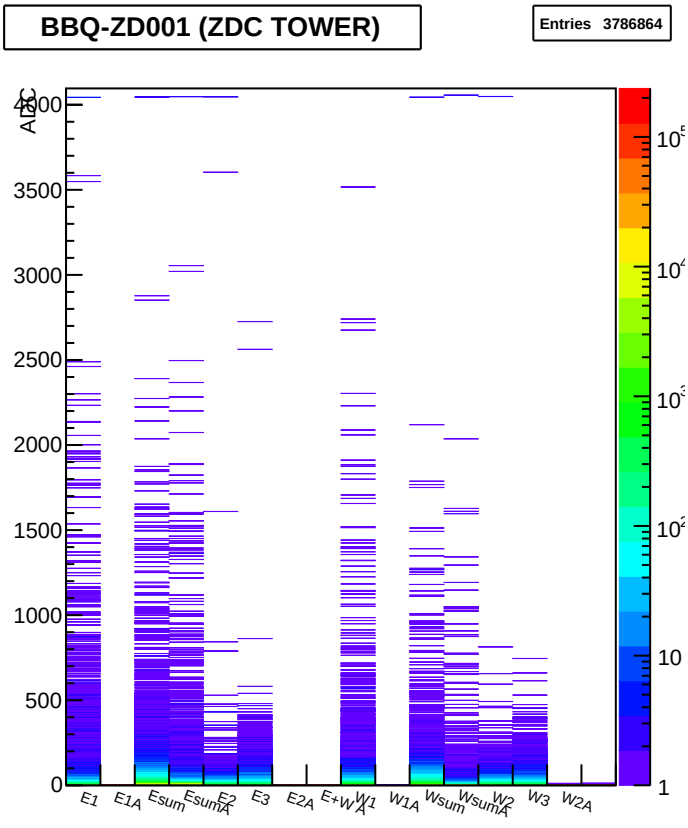

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

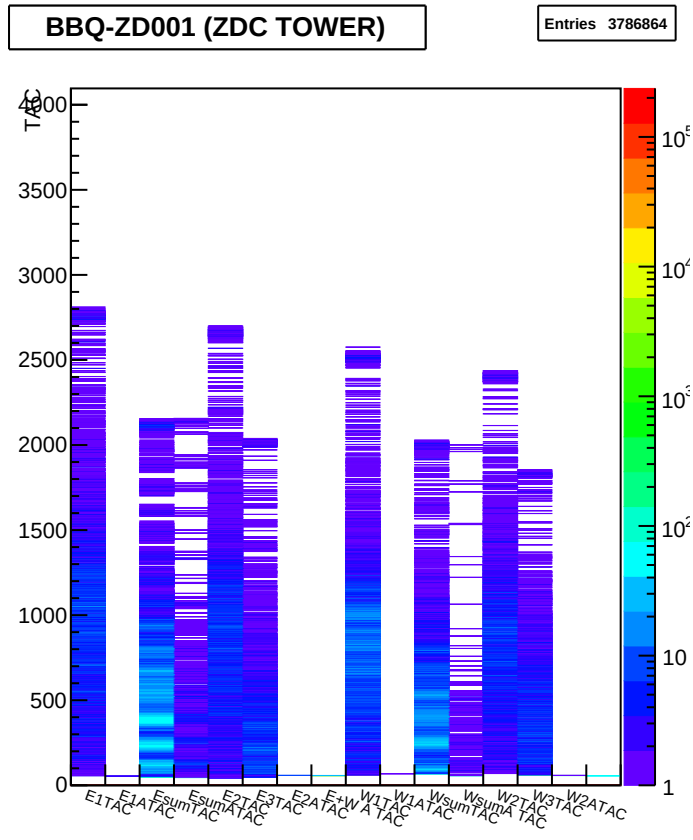

BBQ-BB001 (BBC east small tiles ADC)
Entries 3786864
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

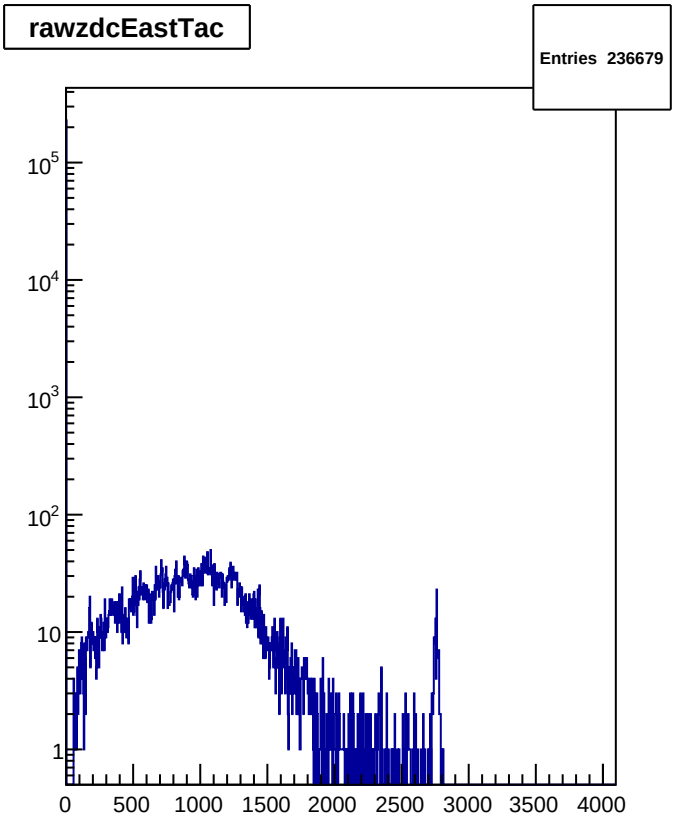

BBQ-BB001 (BBC east small tiles TAC)
Entries 3786864
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

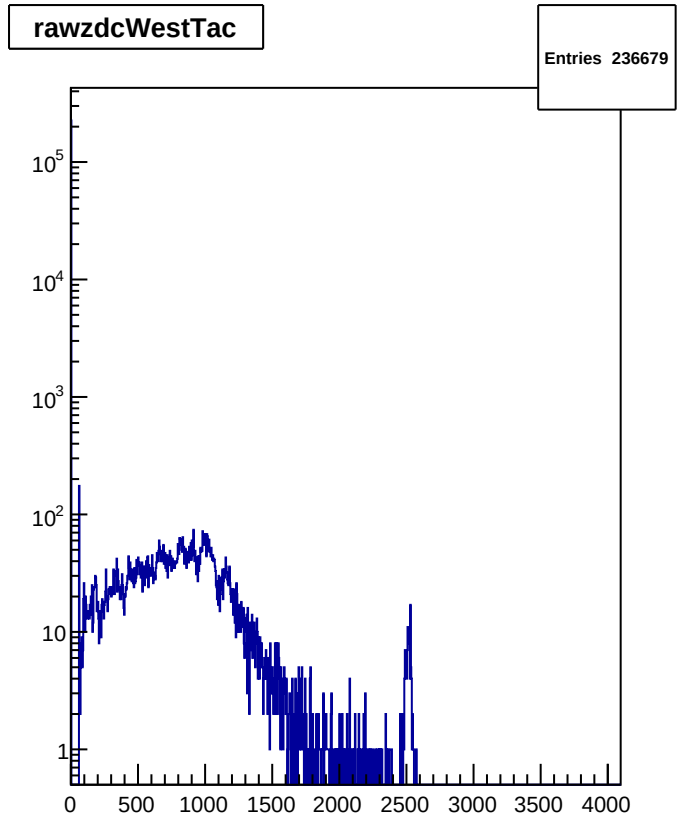

BBQ-BB002 (BBC west small tiles ADC)
Entries 3786864
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

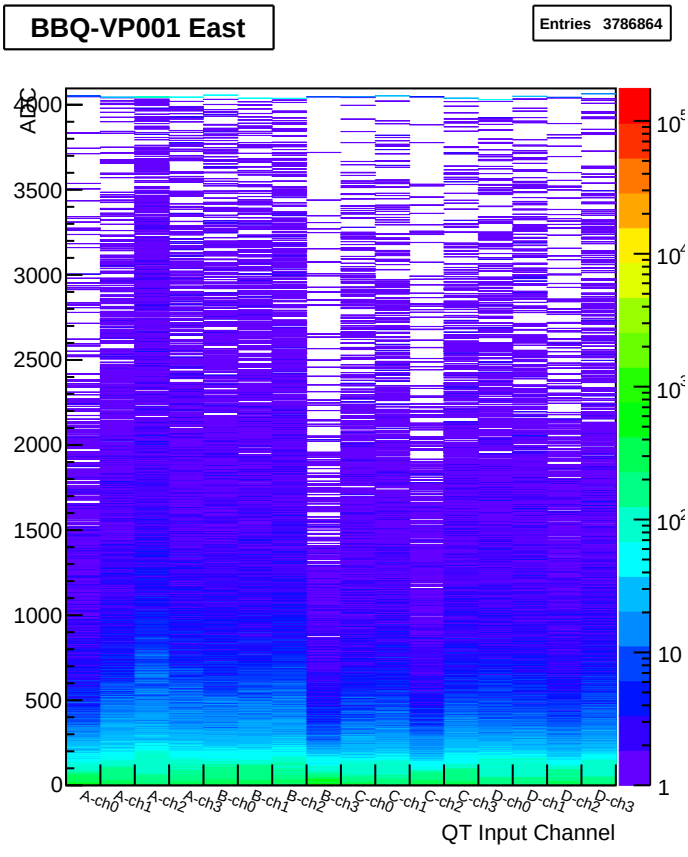

BBQ-BB002 (BBC west small tiles TAC)
Entries 3786864
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

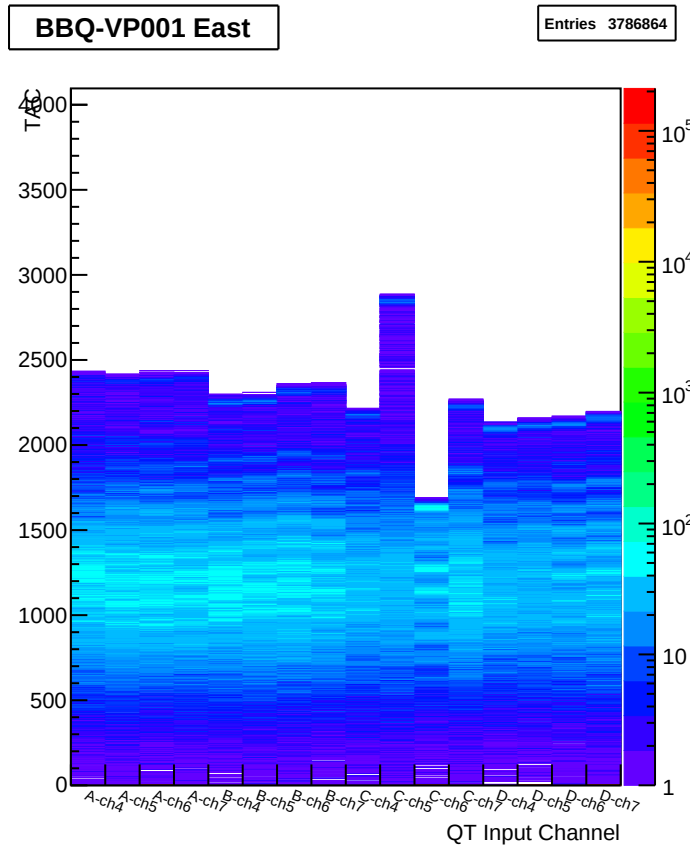

BBQ-ZD001 (ZDC TOWER)
Entries 3786864
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

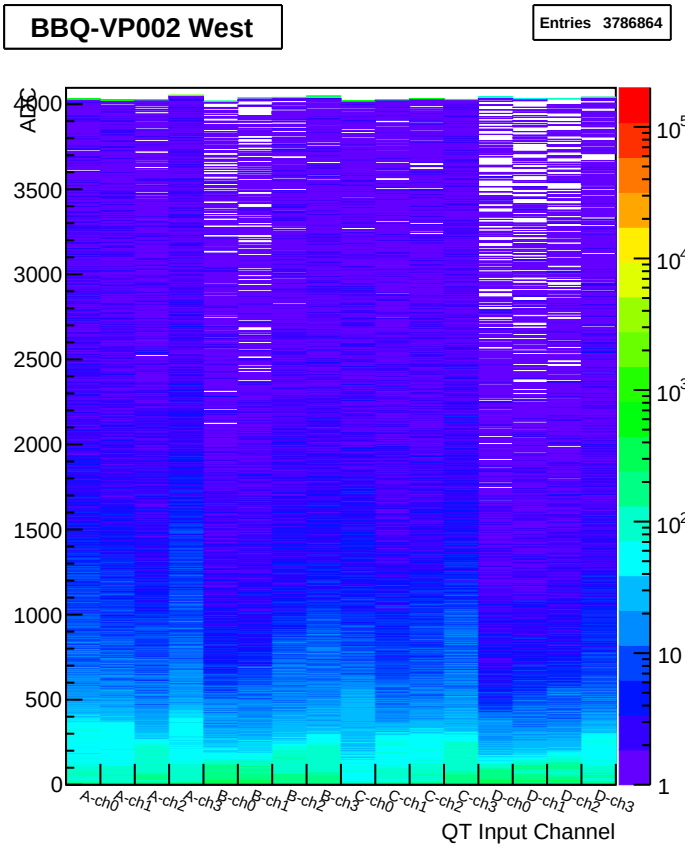

BBQ-ZD001 (ZDC TOWER)
Entries 3786864
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

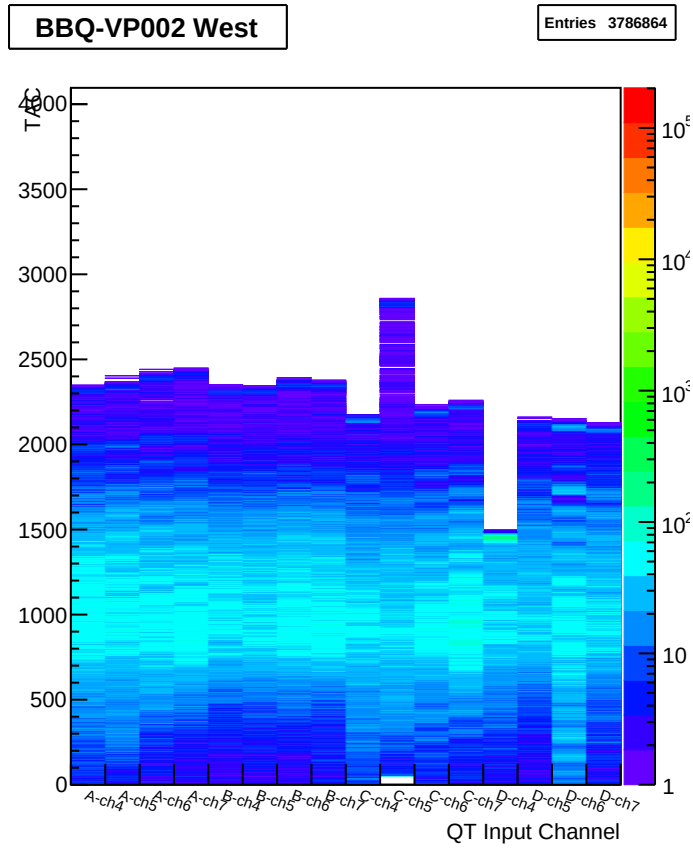

rawzdcEastTac
Entries 236679

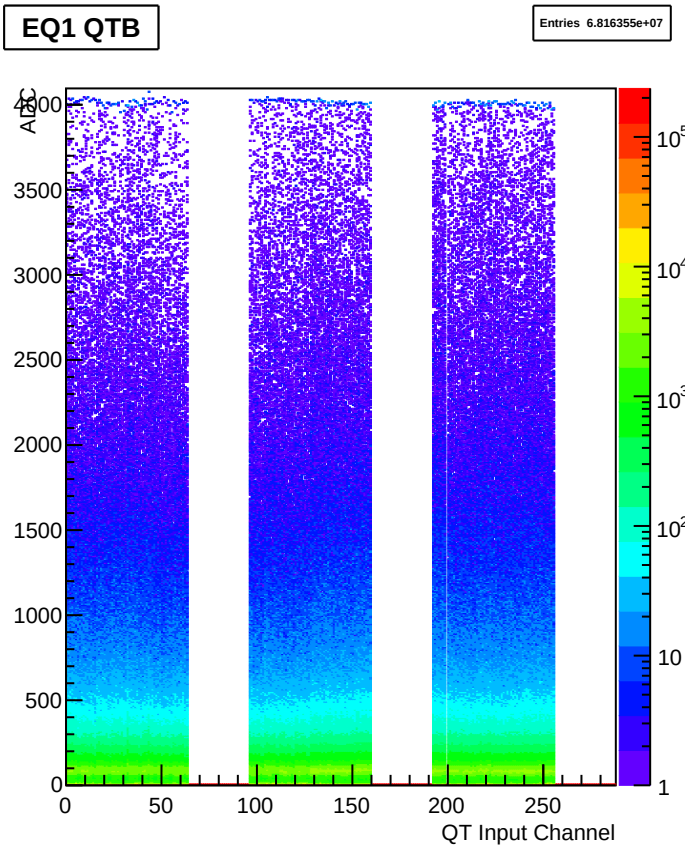

rawzdcWestTac
Entries 236679

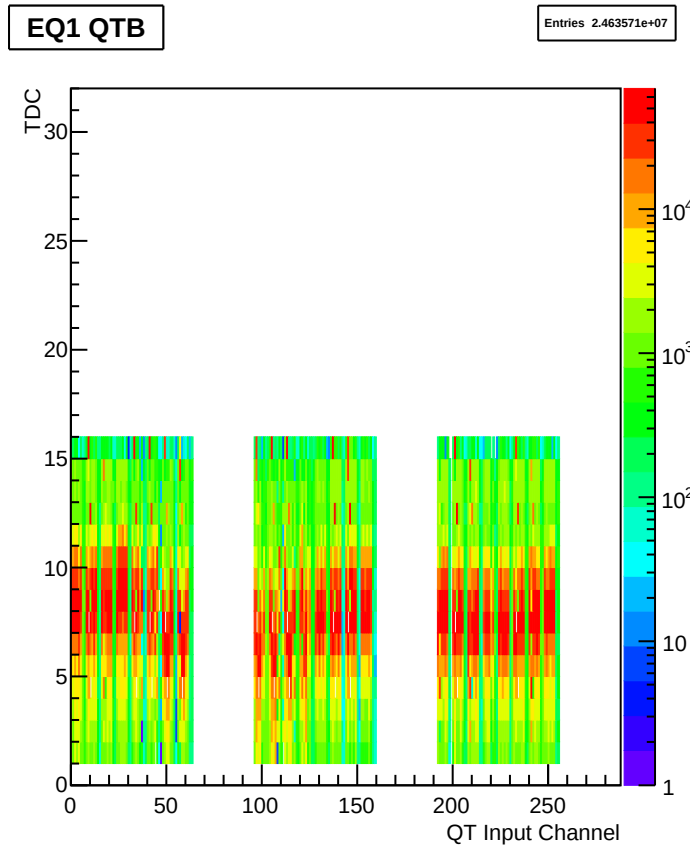

BBQ-VP001 East
Entries 3786864
ADC
QT Input Channel

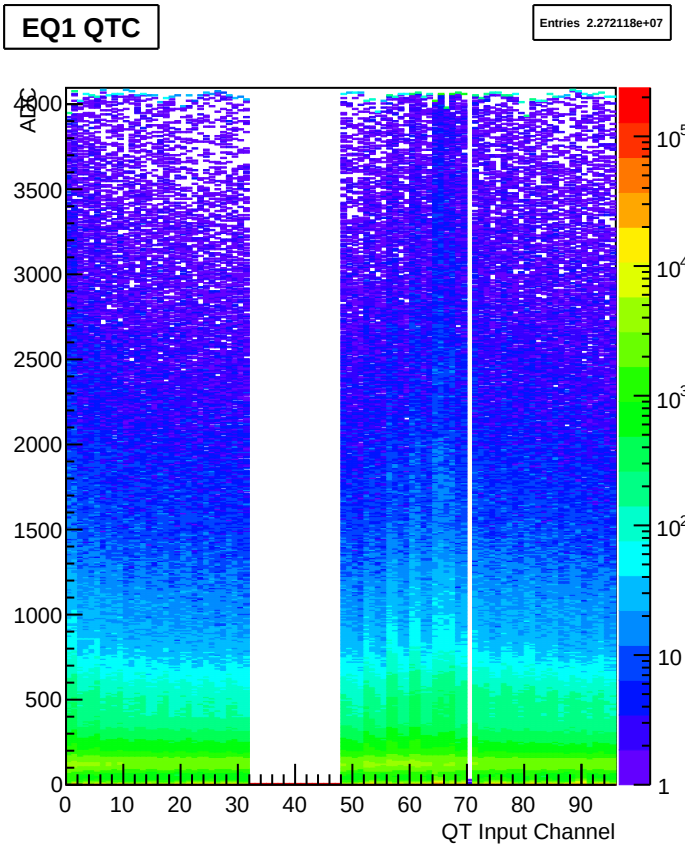

BBQ-VP001 East
Entries 3786864
TADC
QT Input Channel

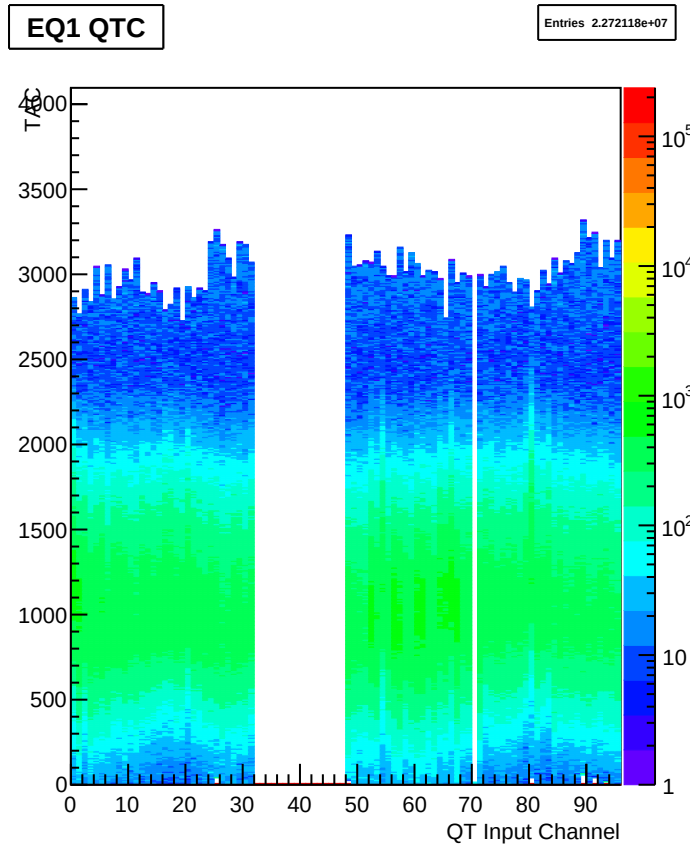

BBQ-VP002 West
Entries 3786864
ADC
QT Input Channel

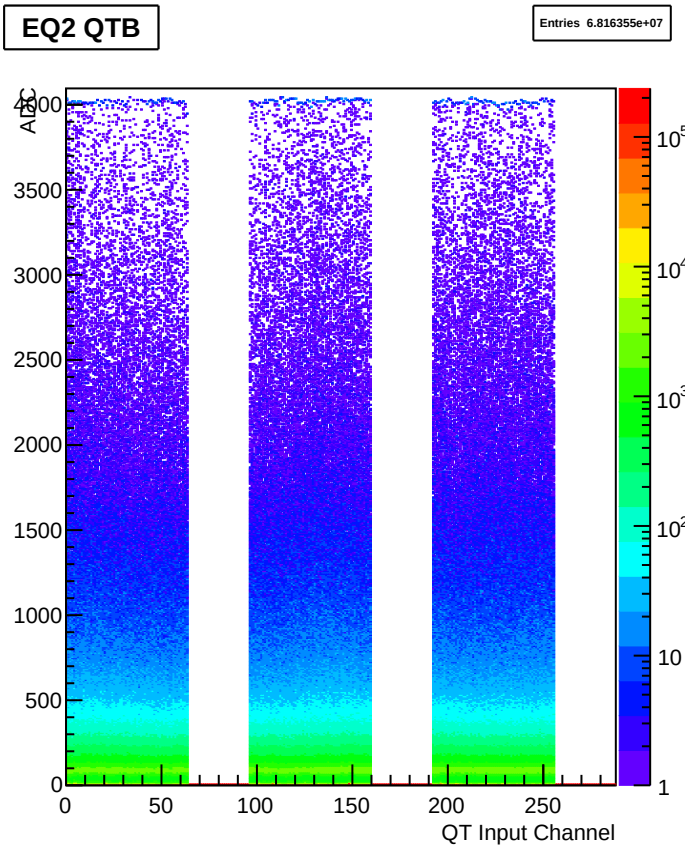

BBQ-VP002 West
Entries 3786864
TADC
QT Input Channel

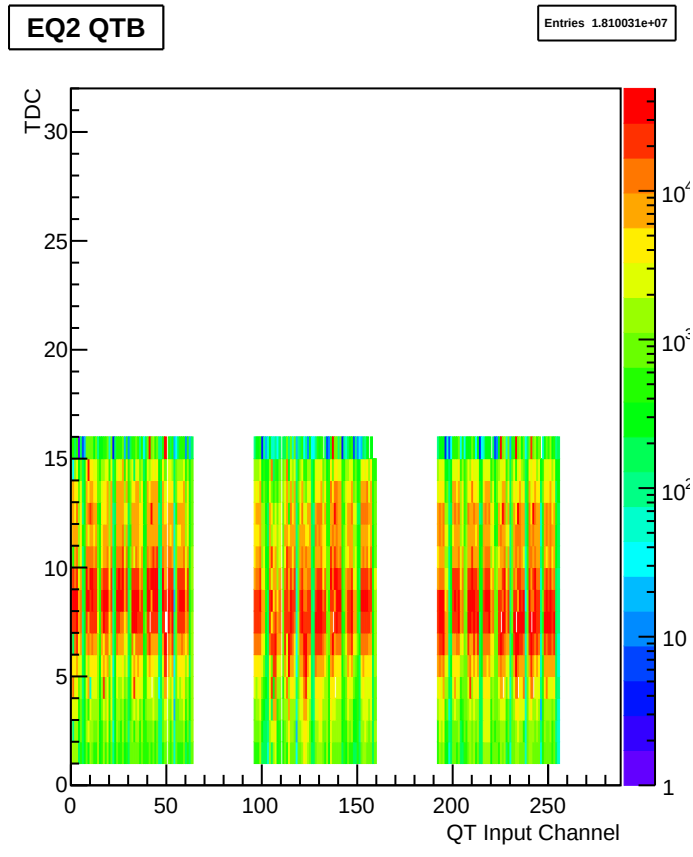

EQ1 QTB
Entries 6.816355e+07
ADC
QT Input Channel

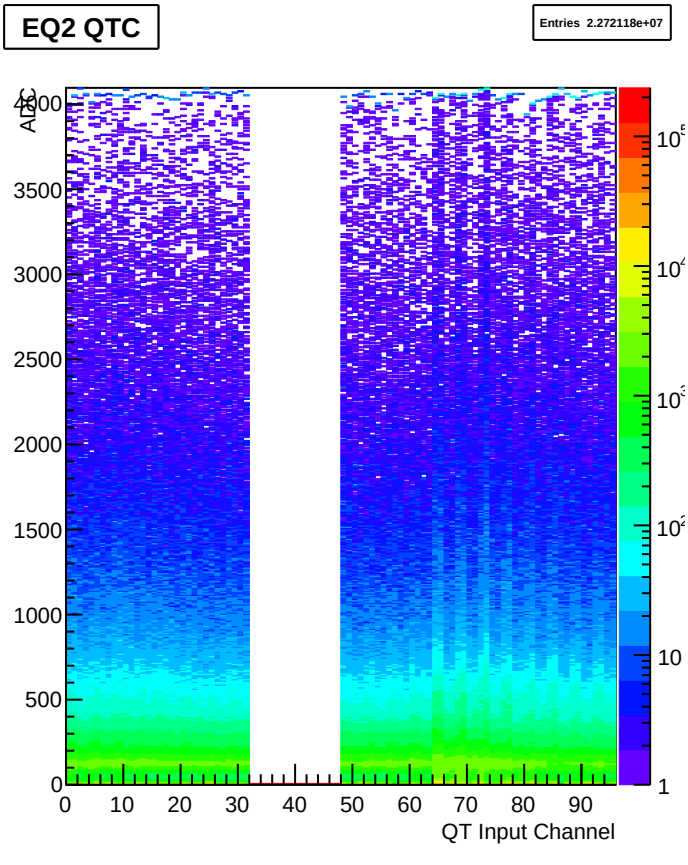

EQ1 QTB
Entries 2.463571e+07
TDC
QT Input Channel

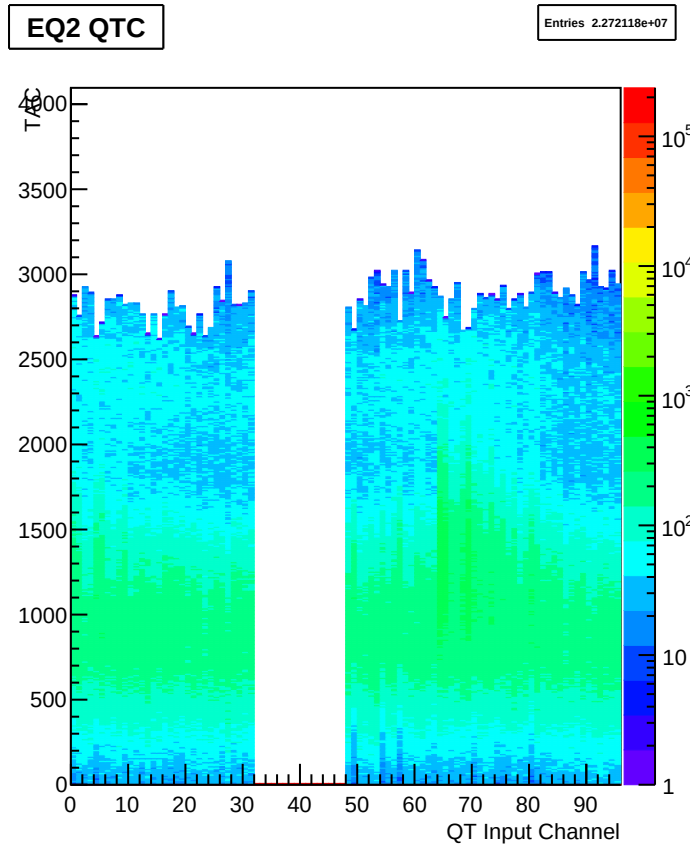

EQ1 QTC
Entries 2.272118e+07
ADC
QT Input Channel

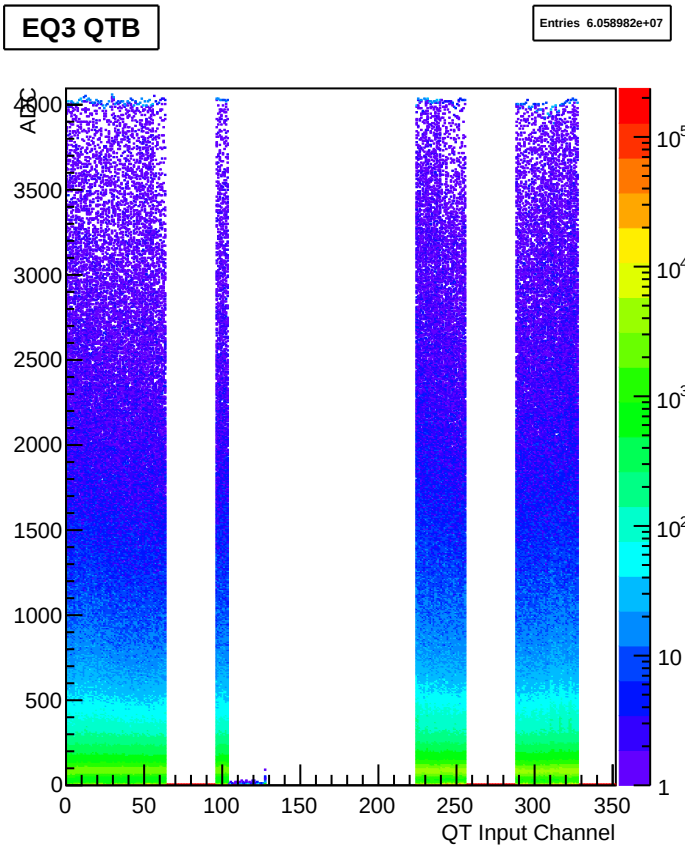

EQ1 QTC
Entries 2.272118e+07
TADC
QT Input Channel

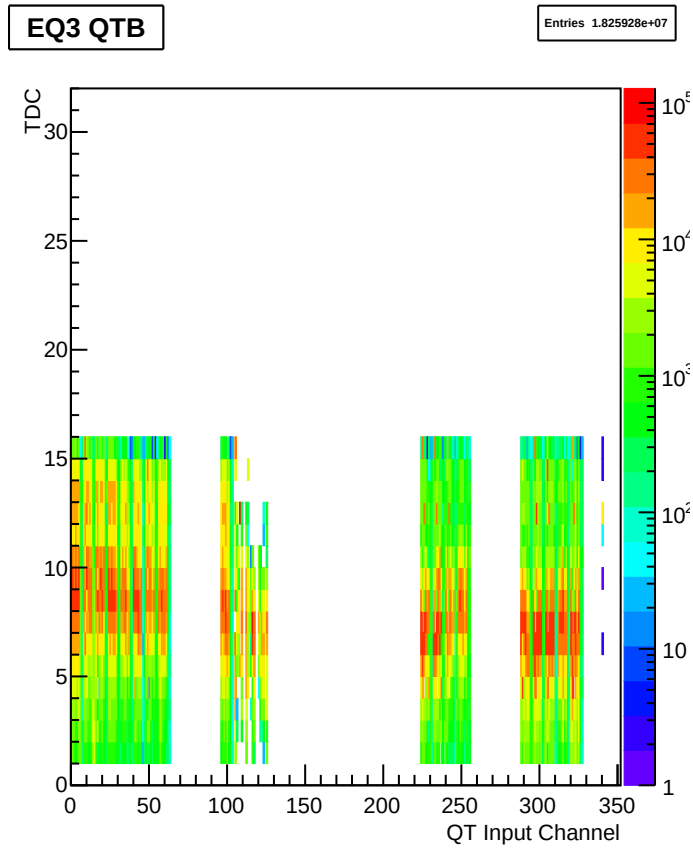

EQ2 QTB
Entries 6.816355e+07
ADC
QT Input Channel

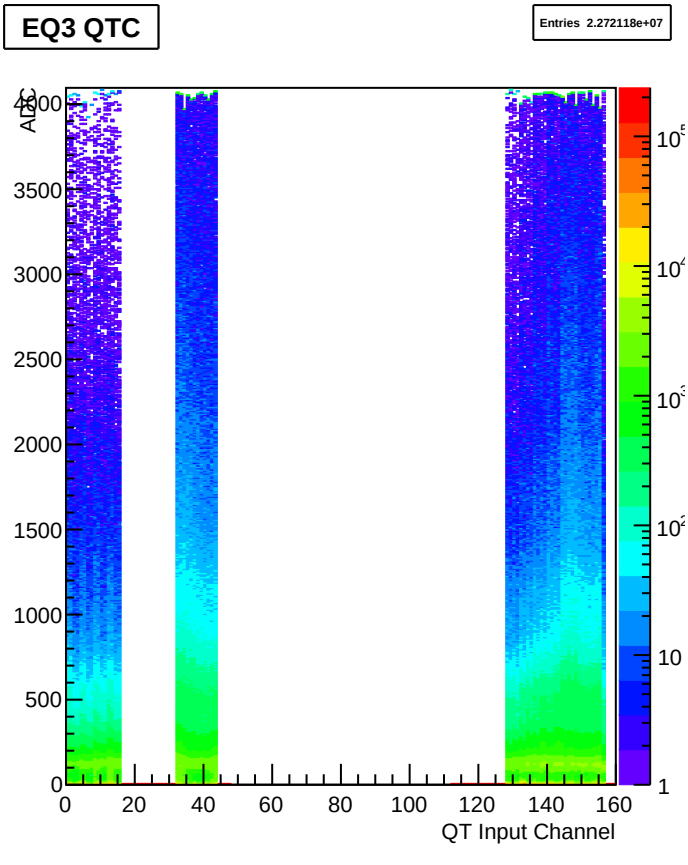

EQ2 QTB
Entries 1.810031e+07
TDC
QT Input Channel

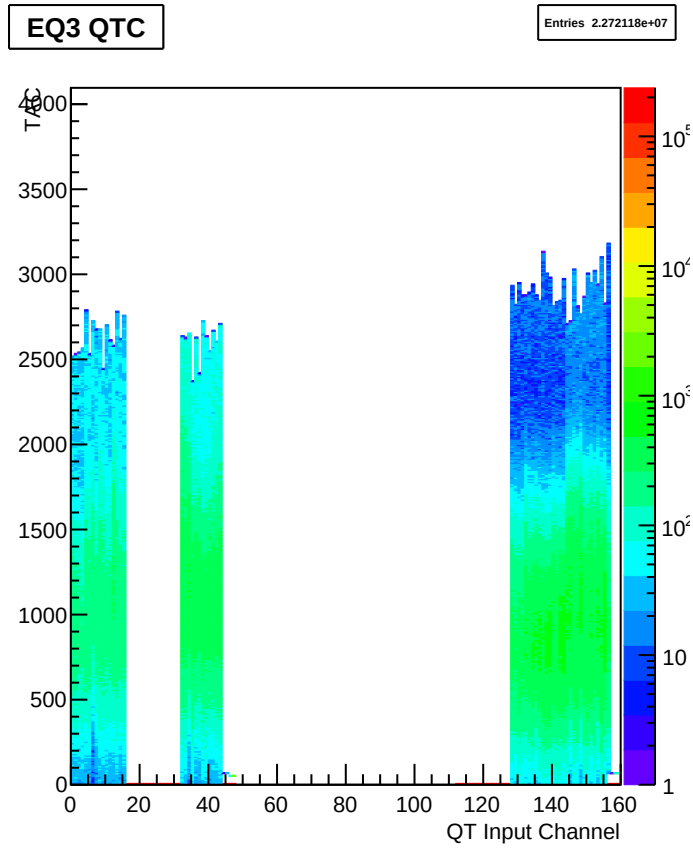

EQ2 QTC
Entries 2.272118e+07
ADC
QT Input Channel


EQ2 QTC
Entries 2.272118e+07
TADC
QT Input Channel


EQ3 QTB
Entries 6.058982e+07
ADC
QT Input Channel


EQ3 QTB
Entries 1.825928e+07
TDC
QT Input Channel


EQ3 QTC
Entries 2.272118e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.272118e+07
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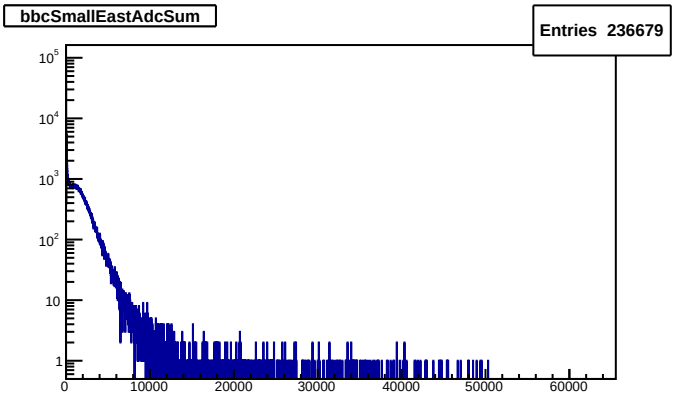
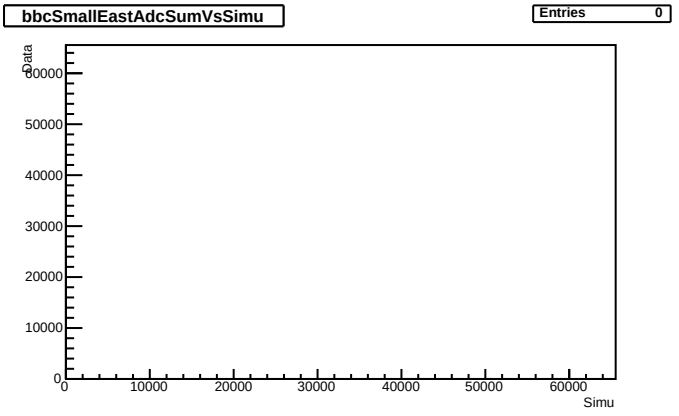
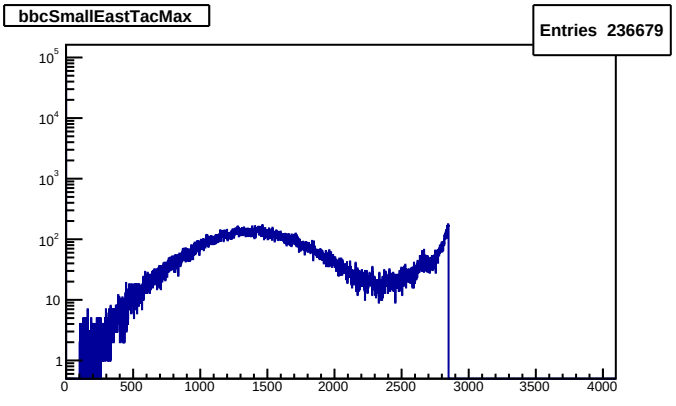
QT Input Channel


bbcSmallEastAdcSum
Entries 236679


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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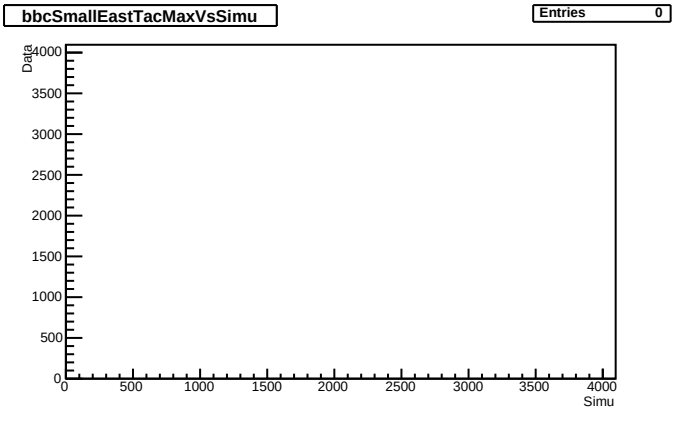
Entries 236679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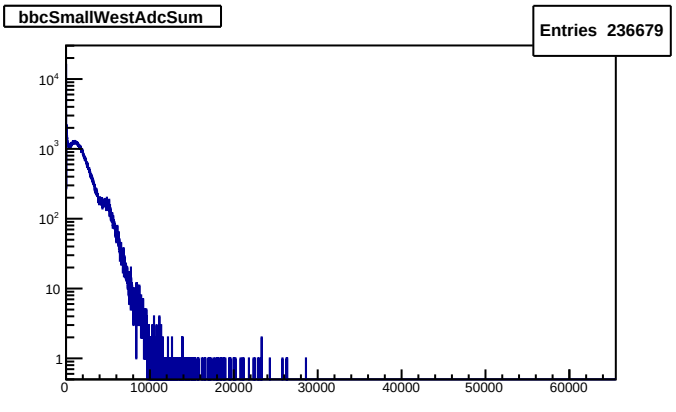
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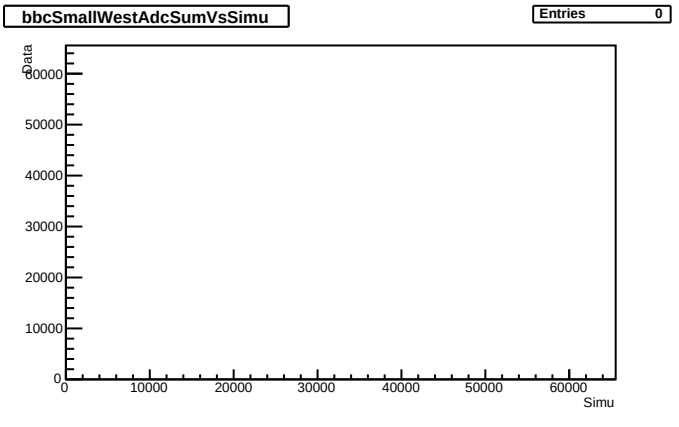
Entries 236679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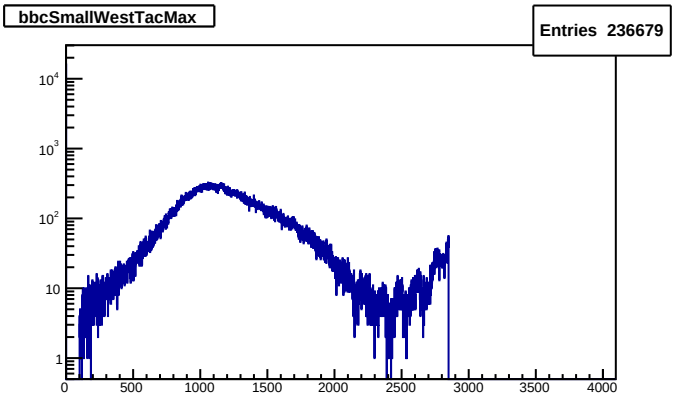
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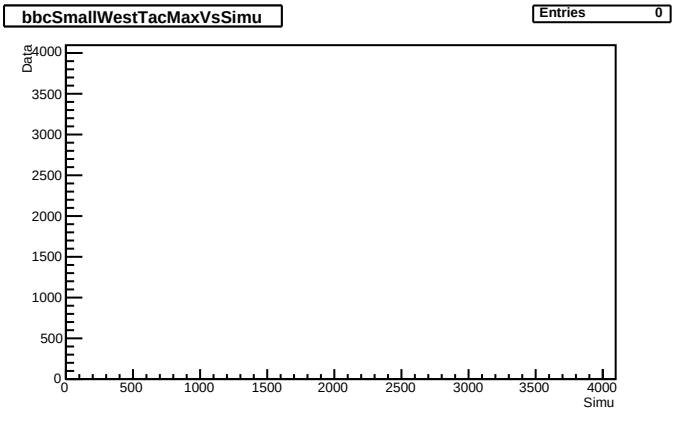
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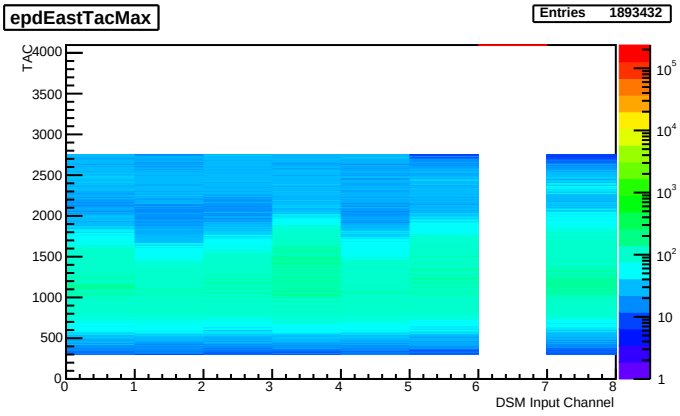
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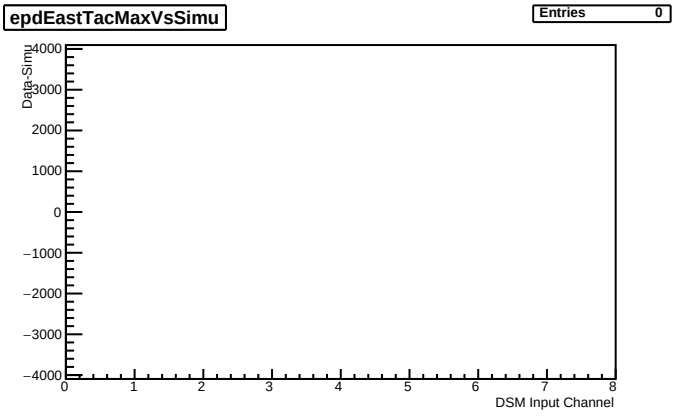
Entries 1893432
TAC
DSM Input Channel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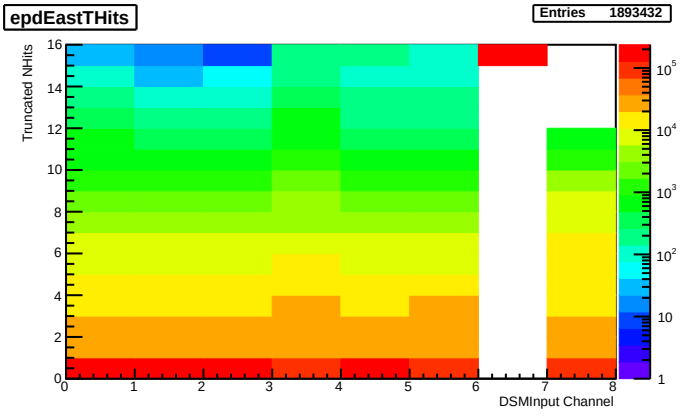
Data-Simu
DSM Input Channel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Entries 1893432
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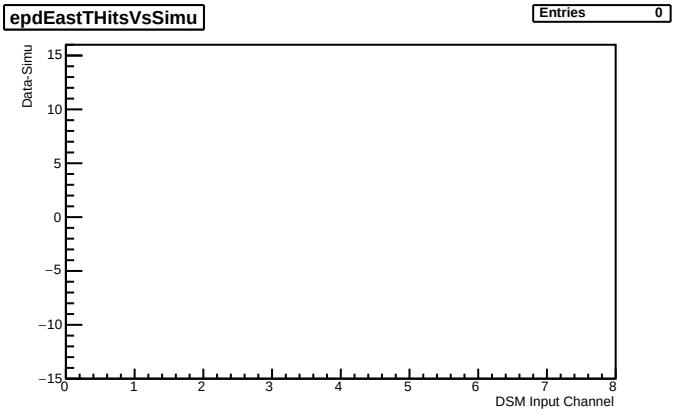
DSMInput Channel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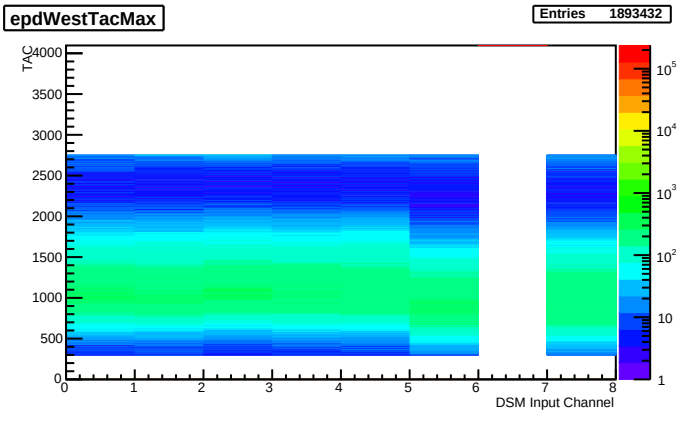
DSM Input Channel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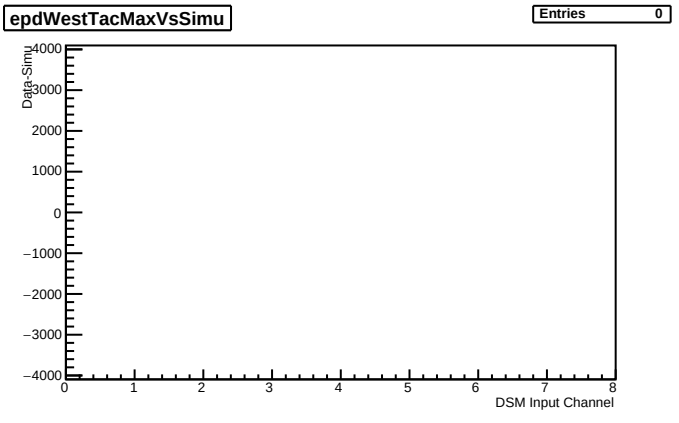
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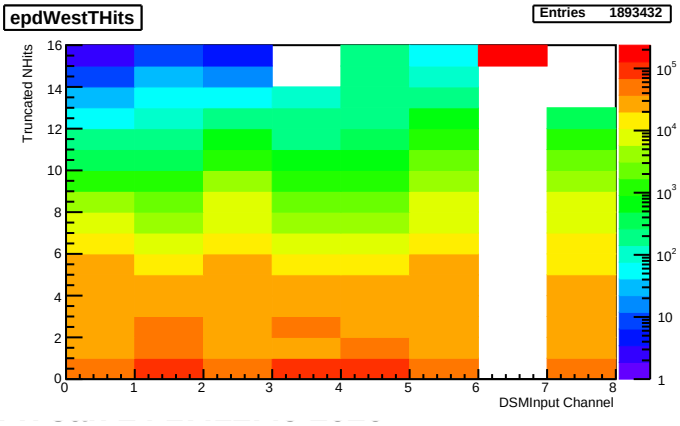
DSM Input Channel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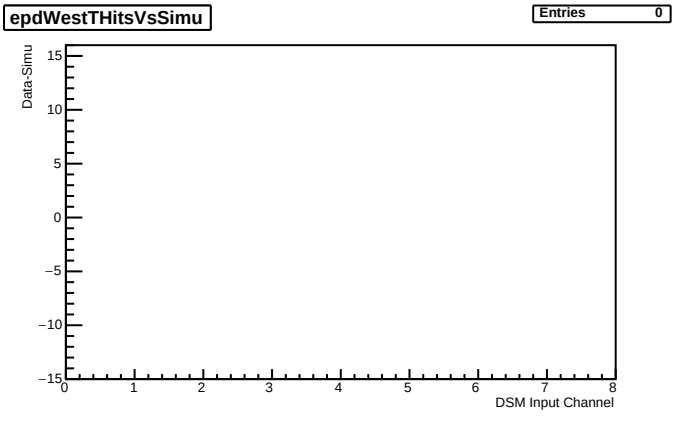
Entries 1893432
Truncated NHits
DSMInput Channel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Entries 0
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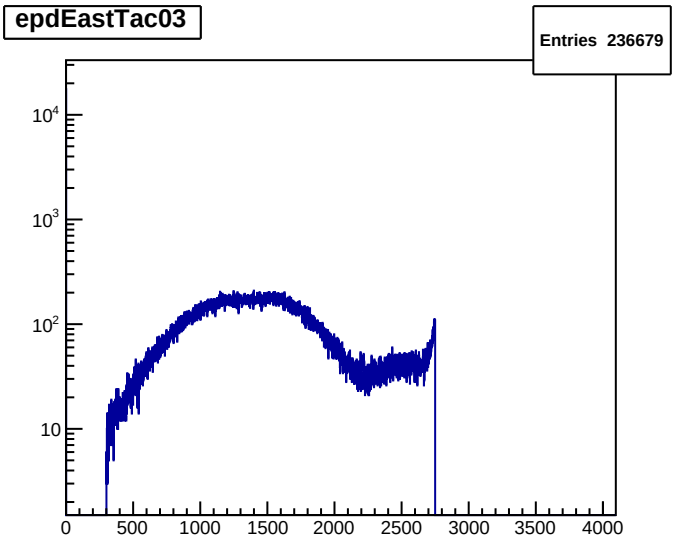
DSM Input Channel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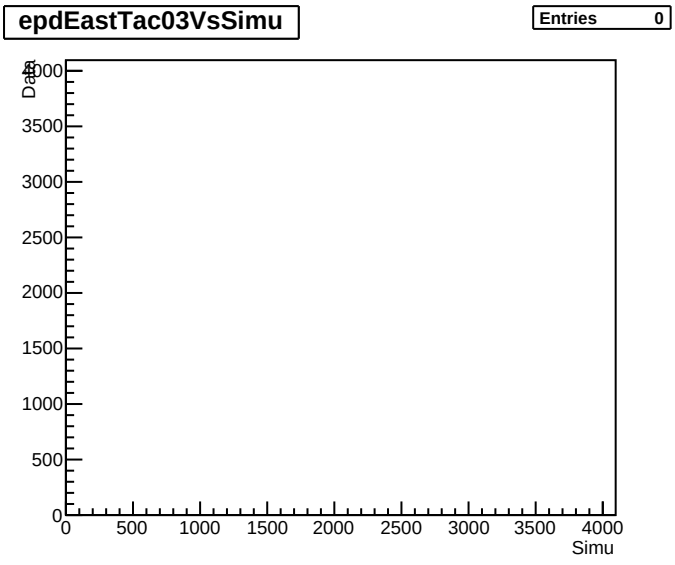
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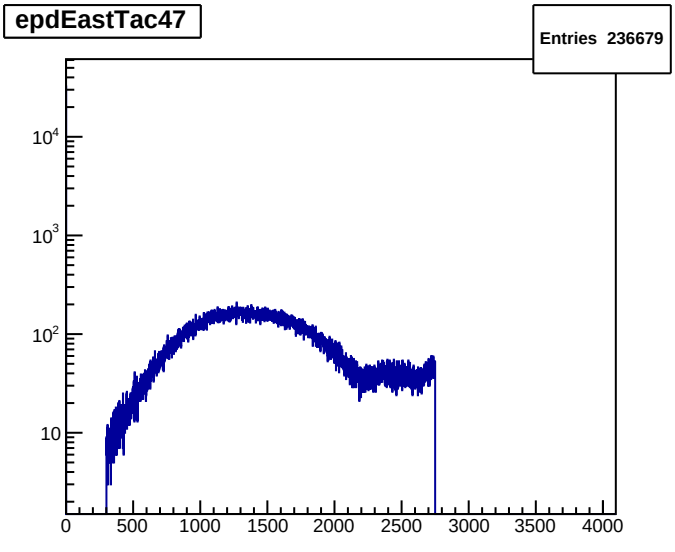
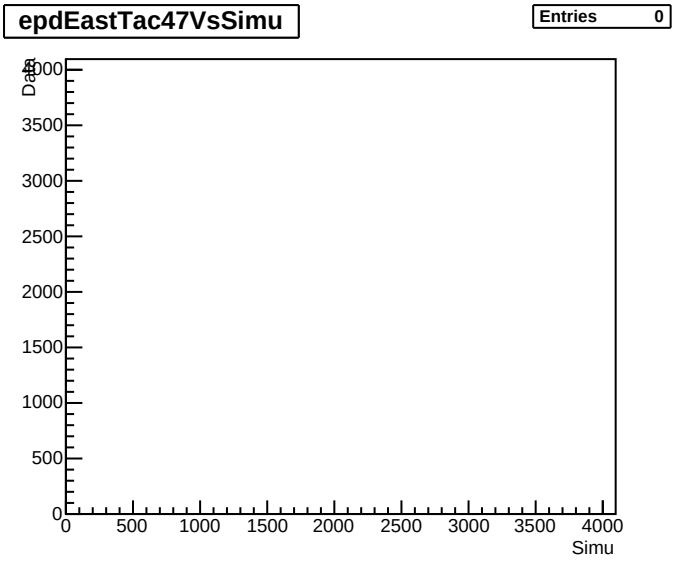
Entries 0
Data
Simu


epdEastTac47
Entries 236679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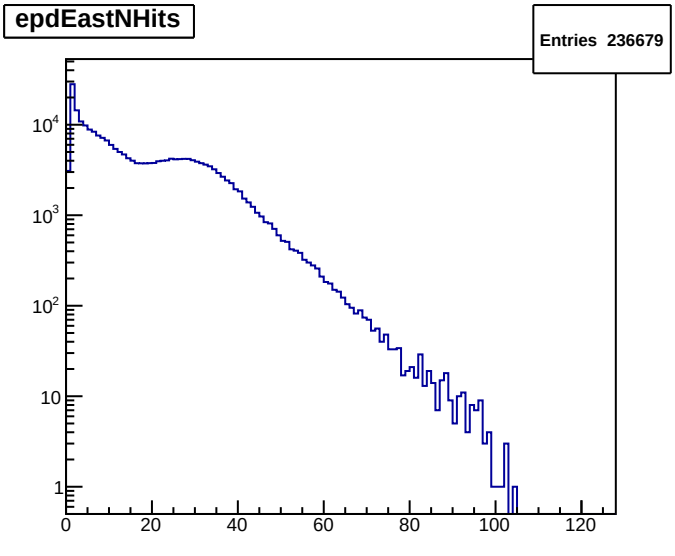
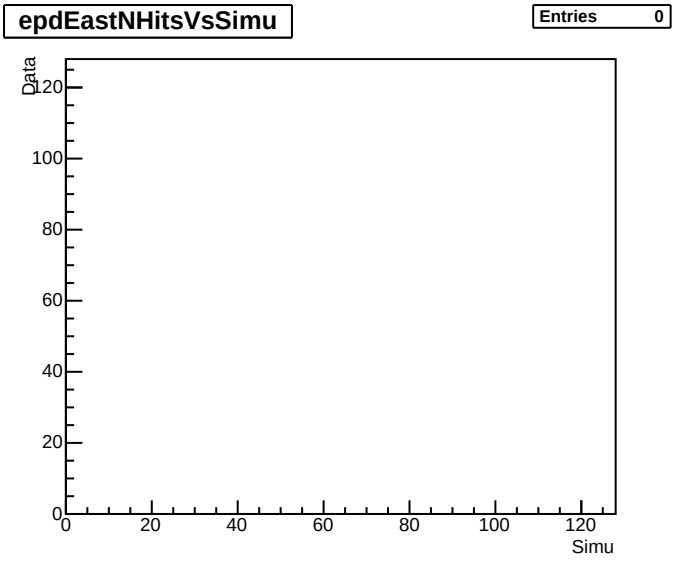
Entries 0
Data
Simu


epdEastNHits
Entries 236679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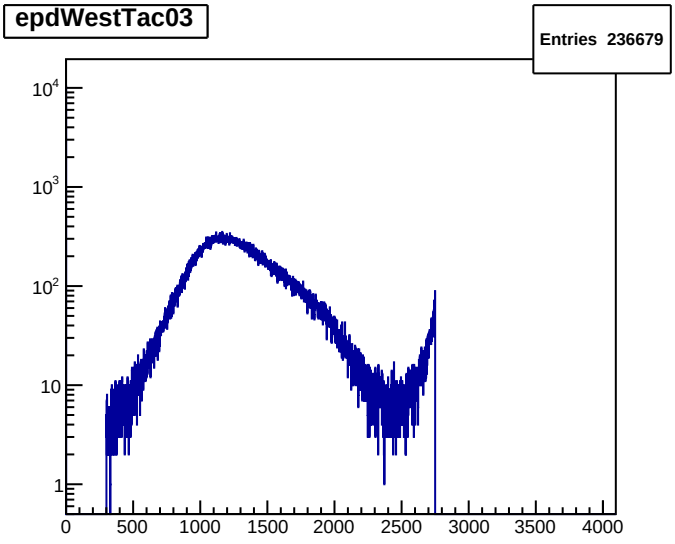
Data
Simu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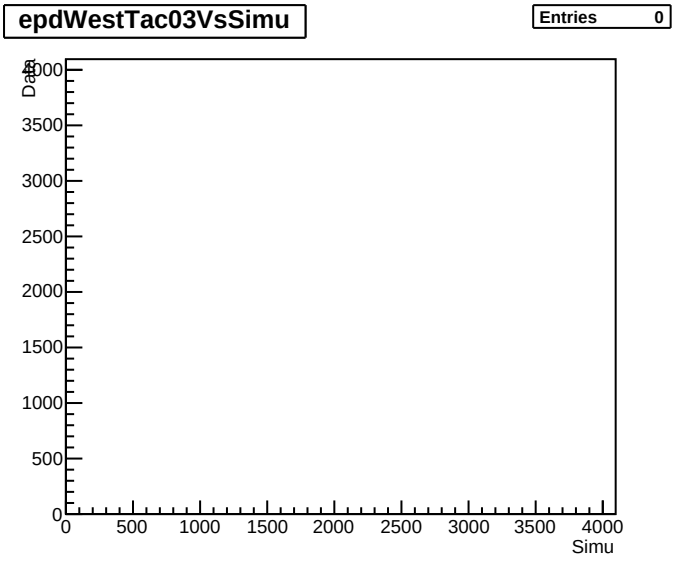
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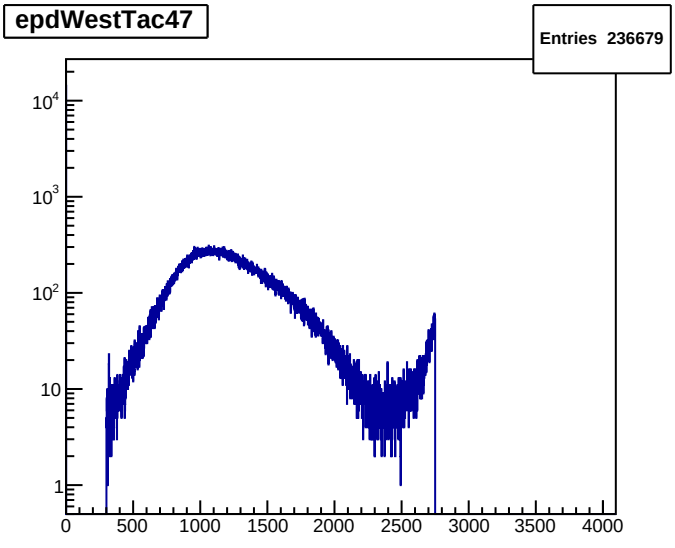
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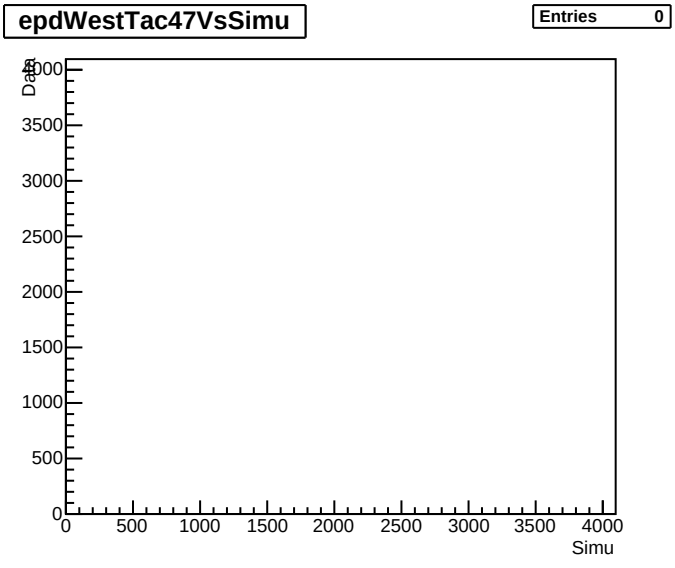
Entries 236679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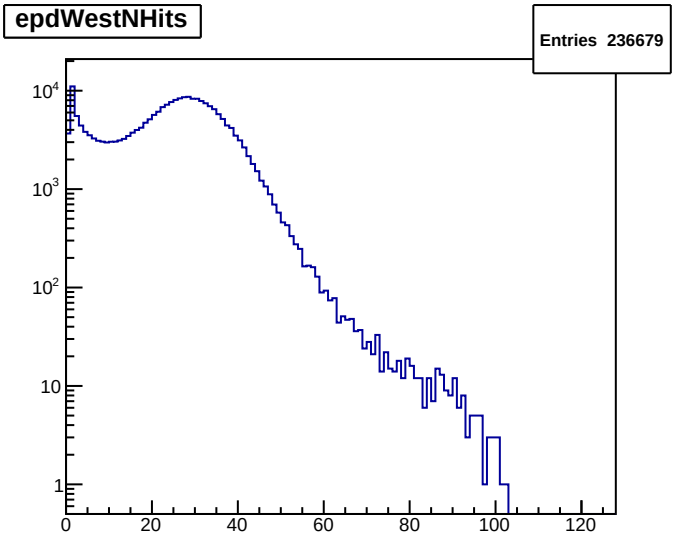
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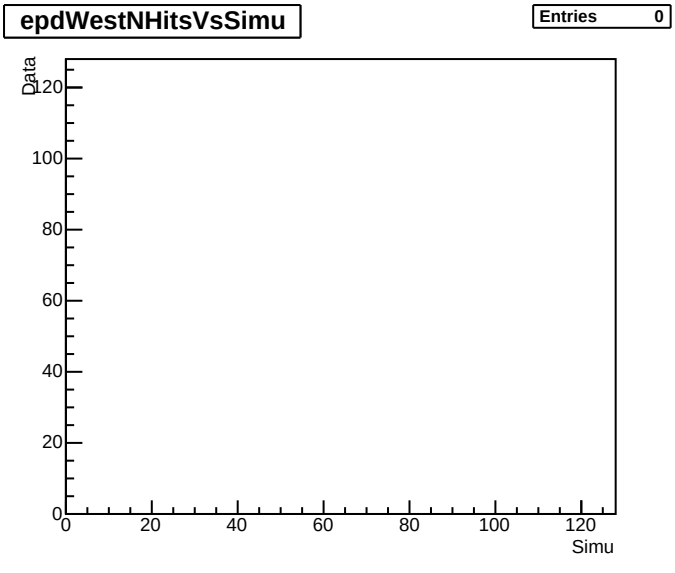
Entries 236679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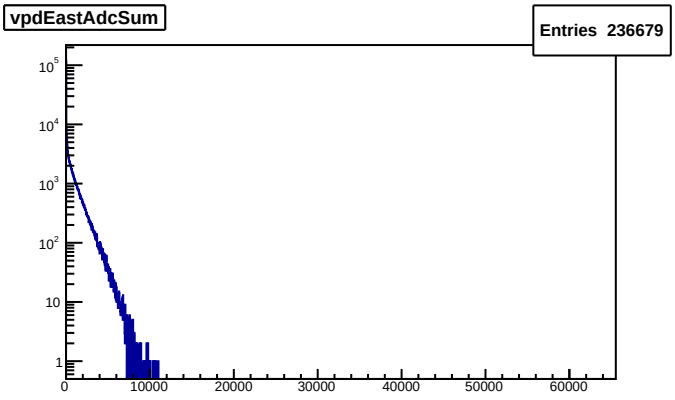
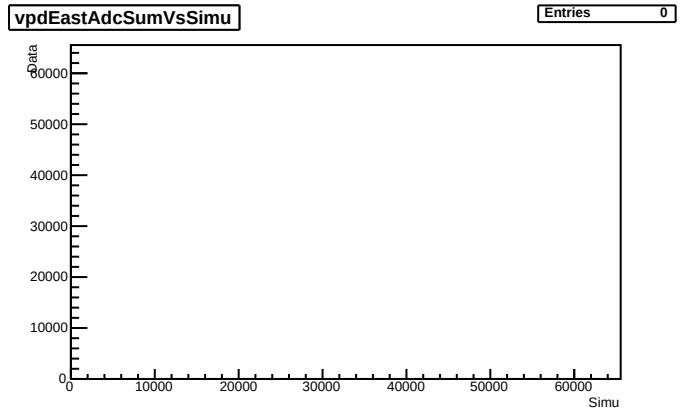
Entries 0
Data
Simu


vpdEastAdcSum
Entries 236679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Entries 0
Data
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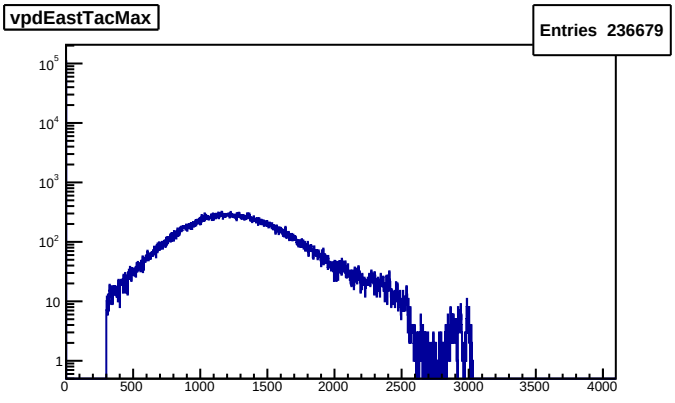
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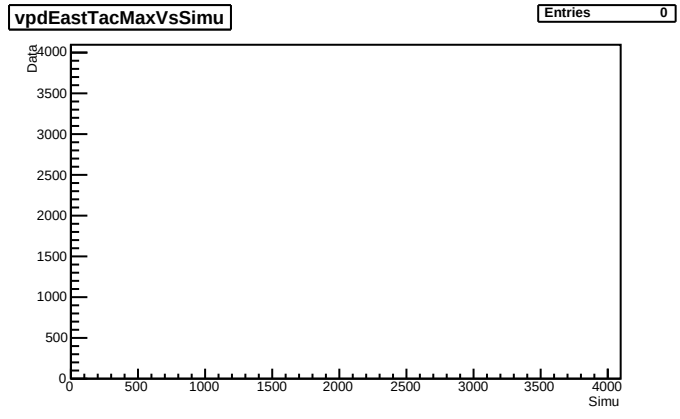
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Entries 0
Data
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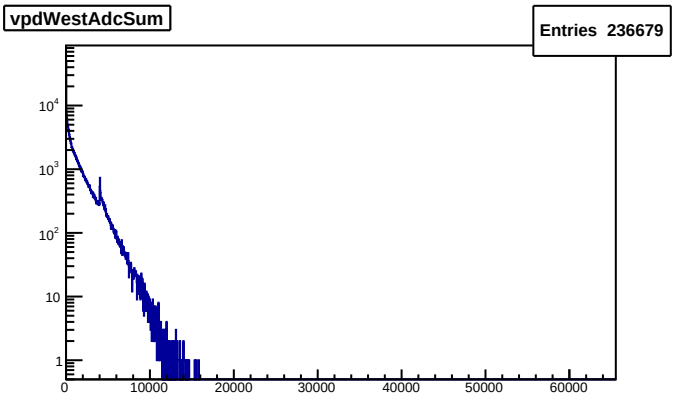
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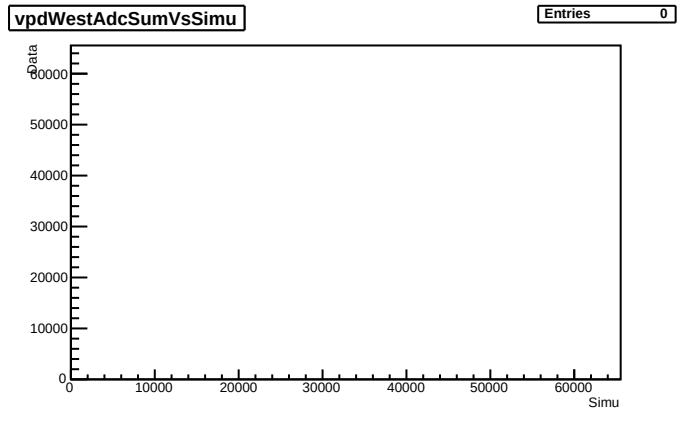
Entries 236679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Entries 0
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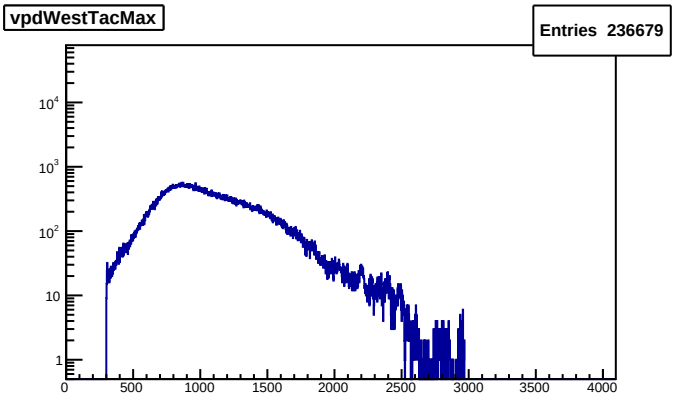
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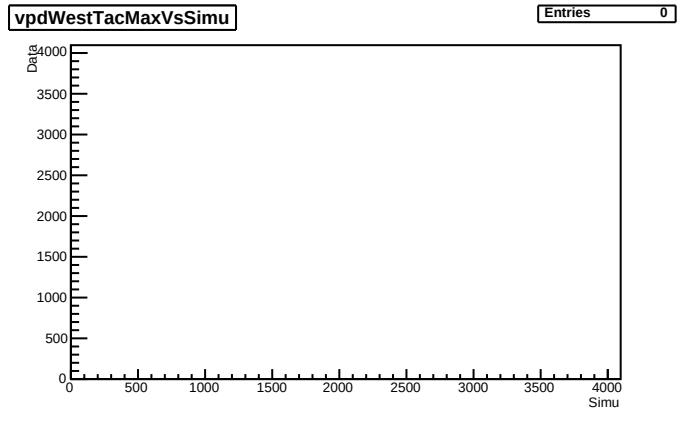
Entries 236679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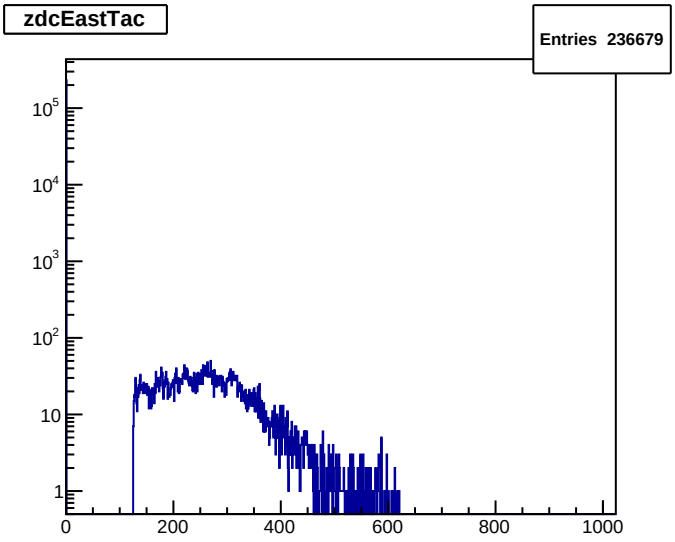
Entries 0
Data
Simu


zdcEastTac
Entries 236679
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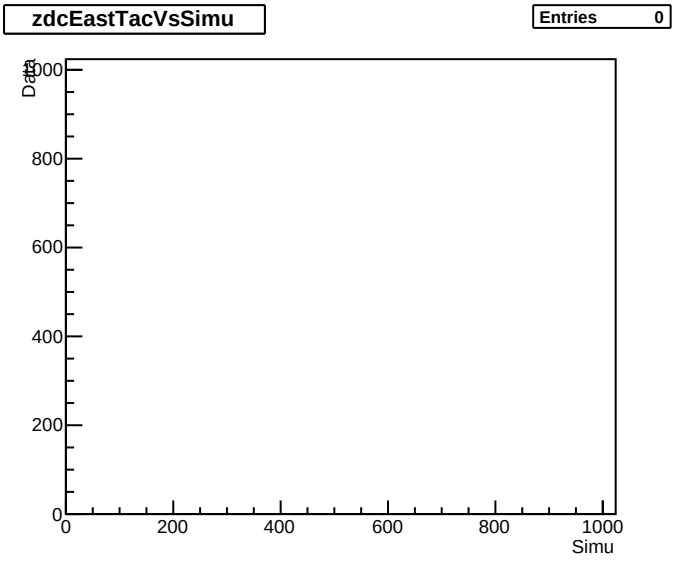
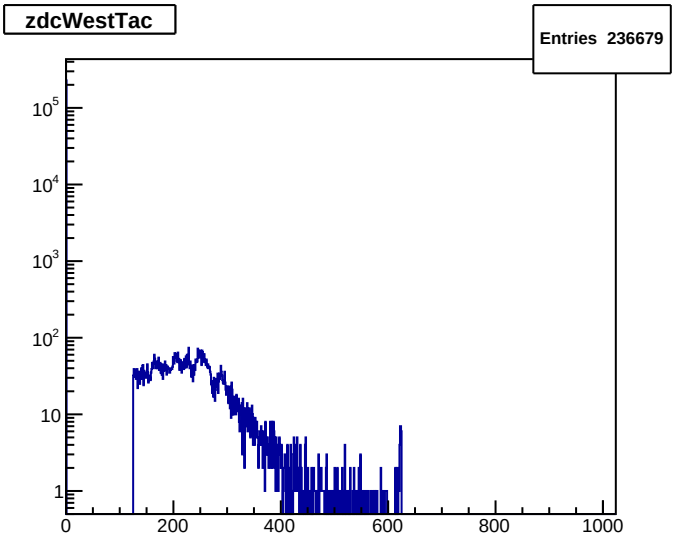
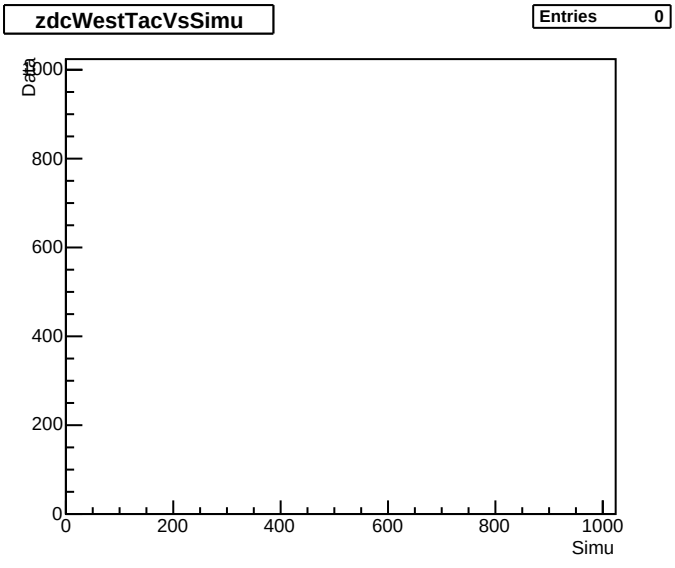
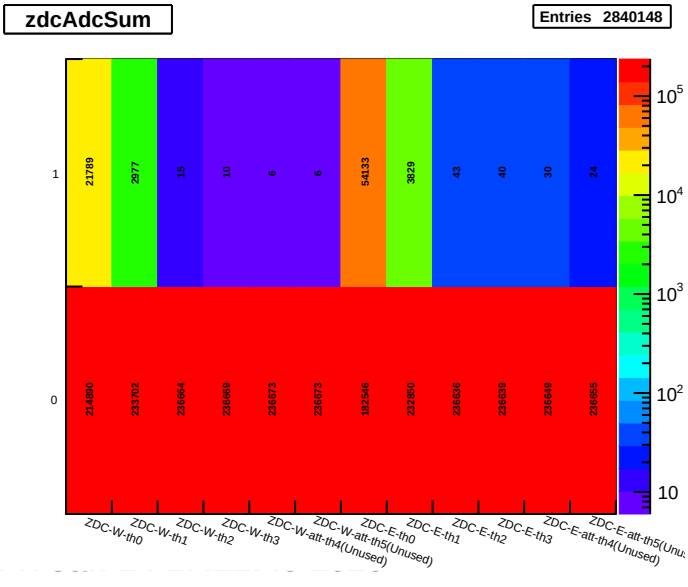
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


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


zdcWestTac
Entries 236679
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 2840148
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0
21789
2977
15
10
6
6
54133
3829
43
40
30
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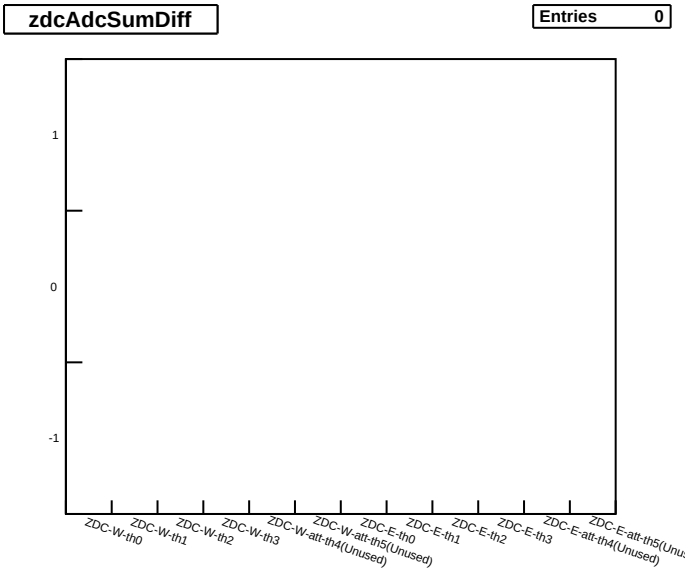
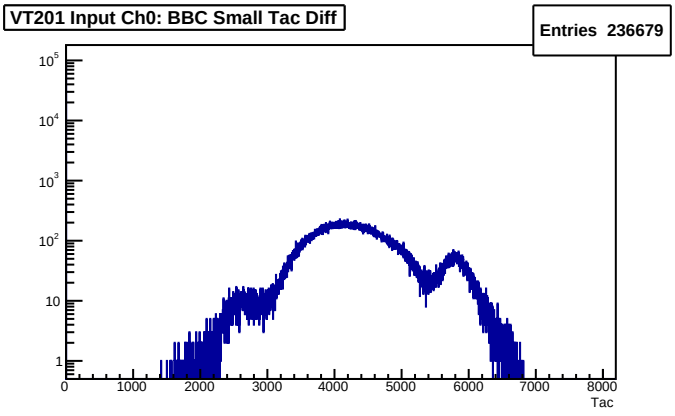
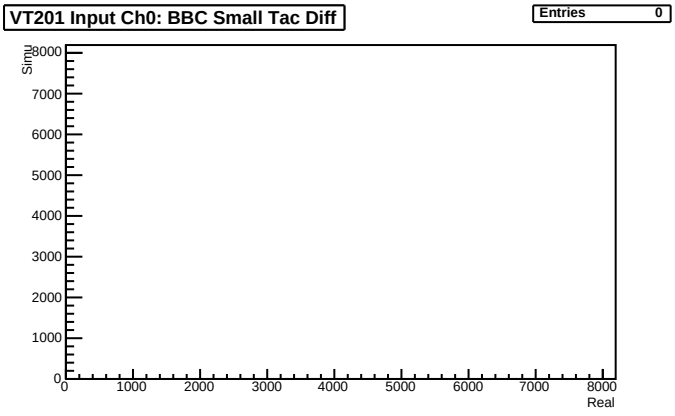
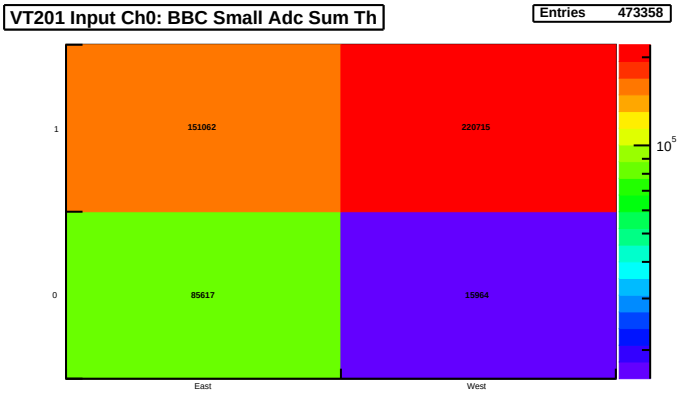
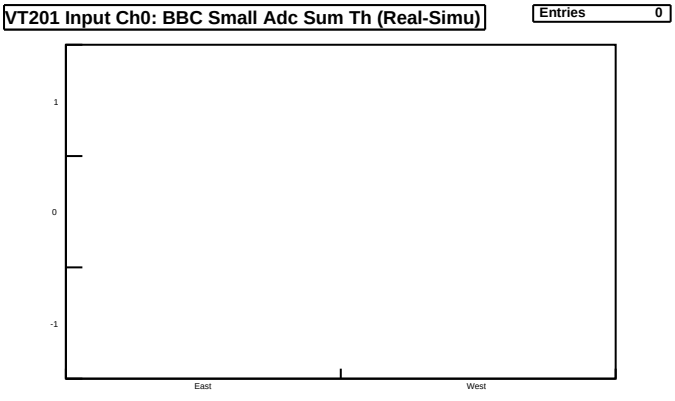
233702
236664
236669
236673
236673
182546
232850
236636
236639
236649
236655
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

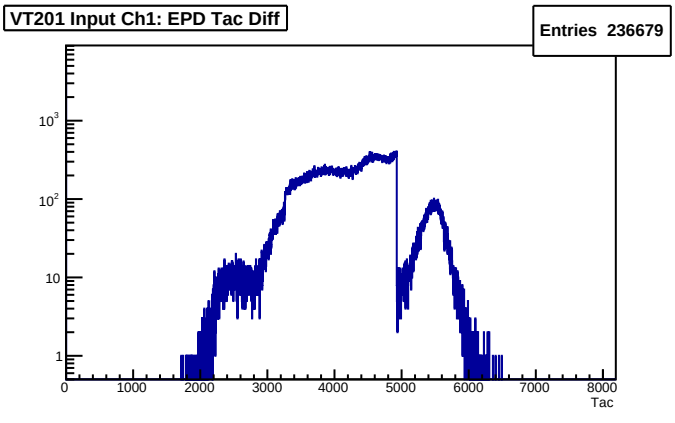

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

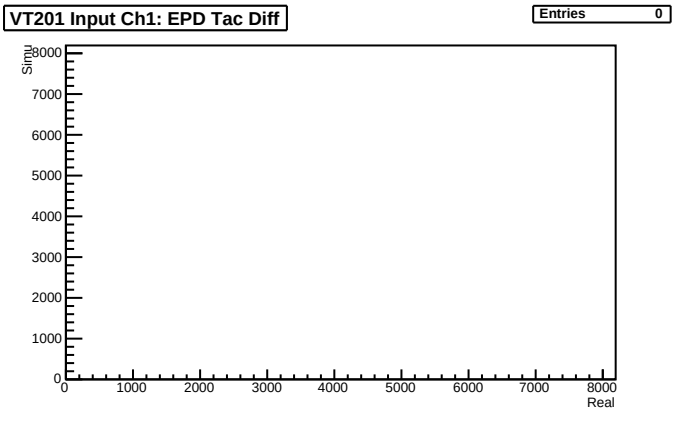

VT201 Input Ch0: BBC Small Tac Diff
Entries 236679
Tac

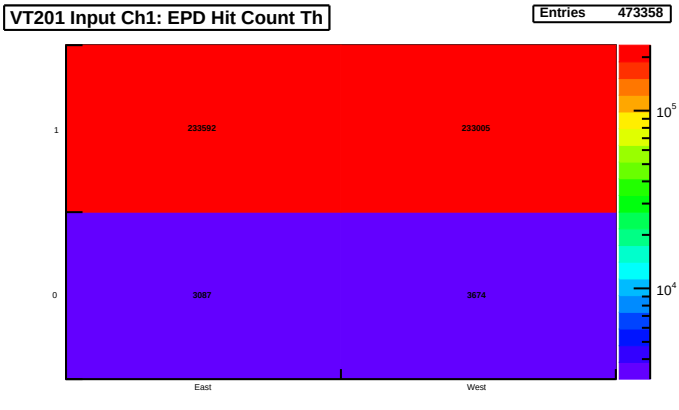

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

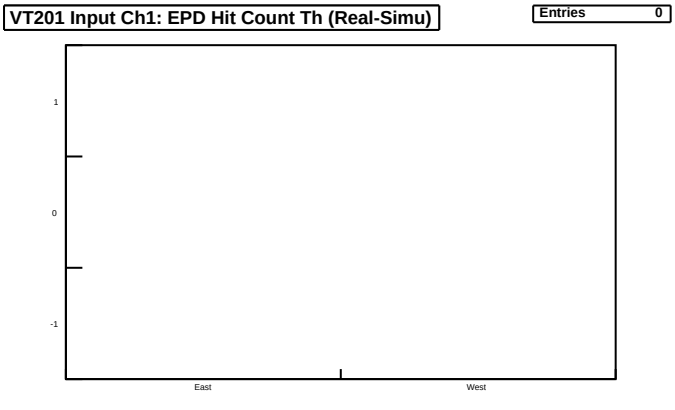

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 473358
151062
220715
85617
15964
East
West

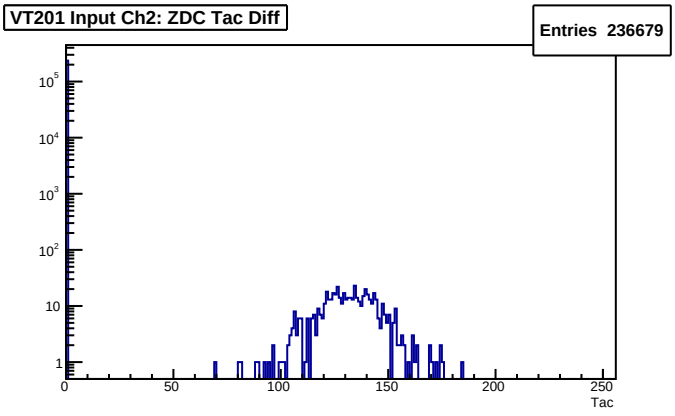

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

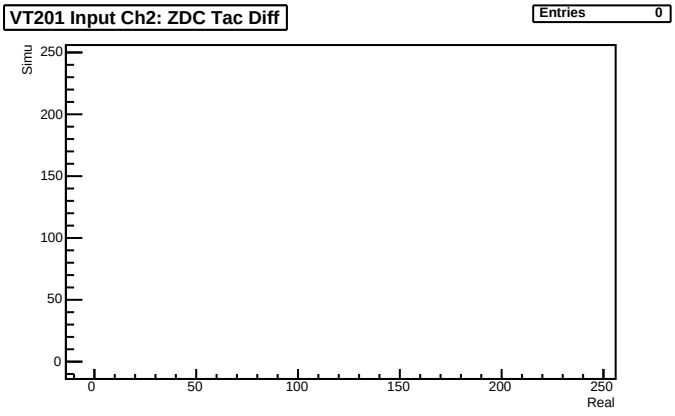

VT201 Input Ch1: EPD Tac Diff
Entries 236679
Tac

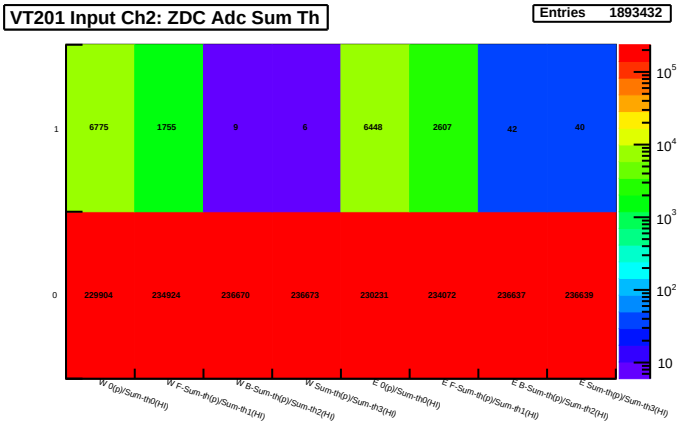

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

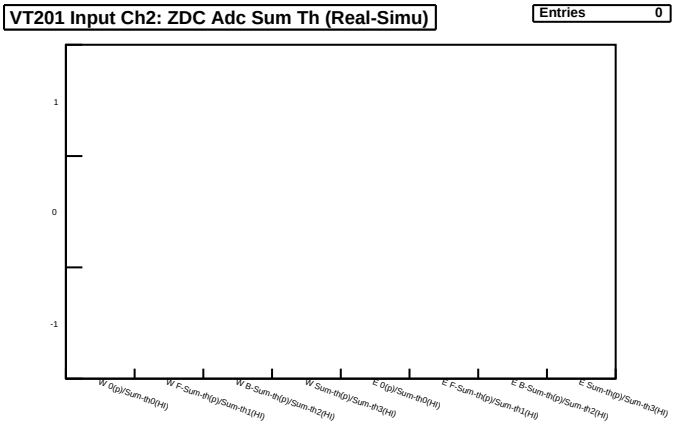

VT201 Input Ch1: EPD Hit Count Th
Entries 473358
233592
233005
3087
3674
East
West

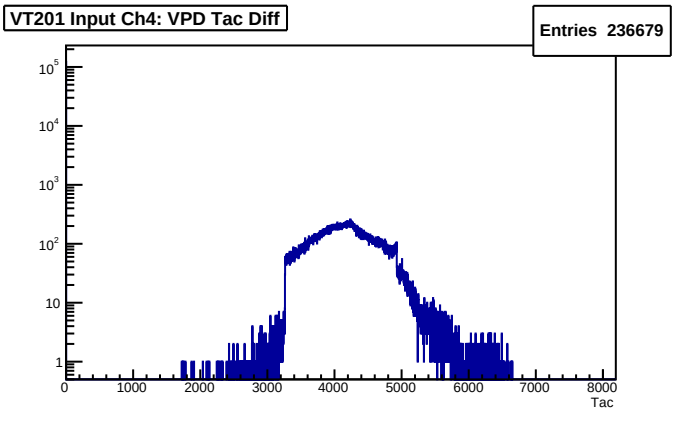

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

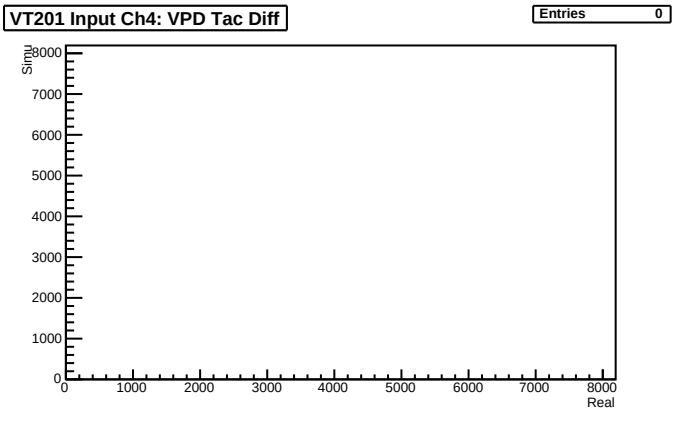

VT201 Input Ch2: ZDC Tac Diff
Entries 236679
Tac

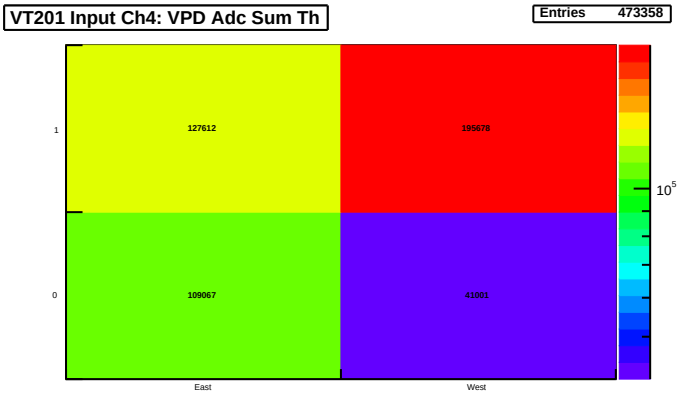

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

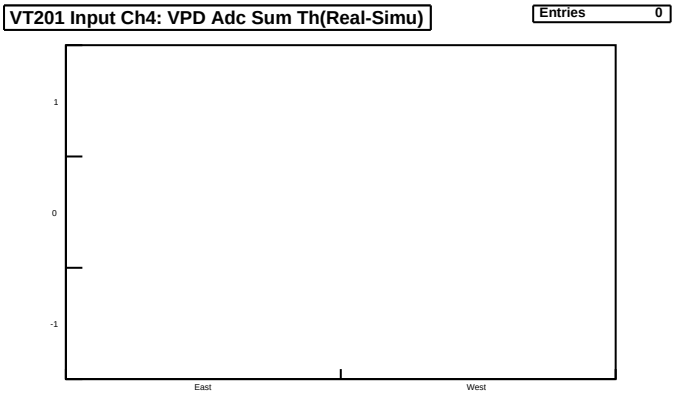

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1893432
6775
1755
9
6
6448
2607
42
40
229904
234924
236670
236673
230231
234072
236637
236639
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

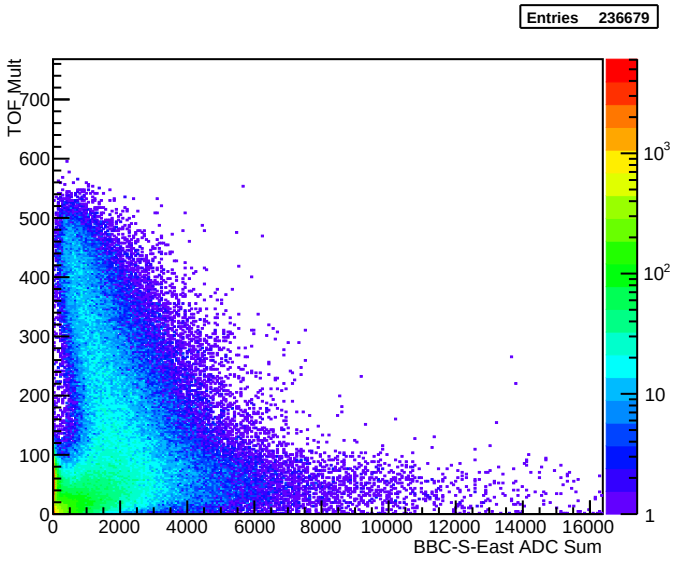

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

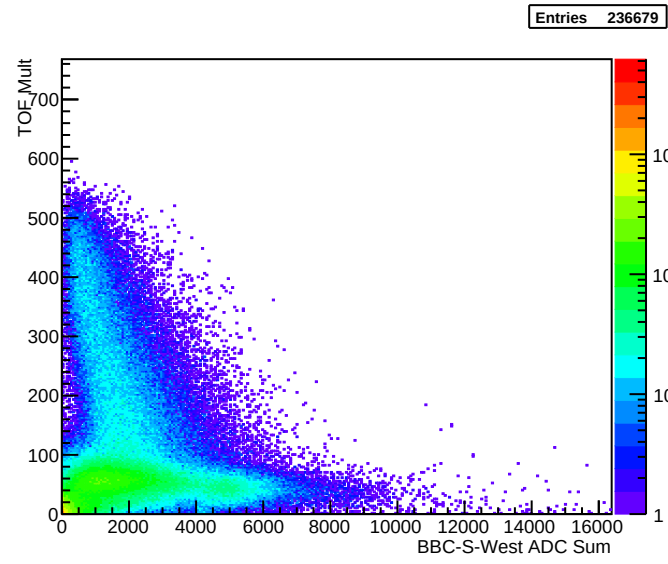

VT201 Input Ch4: VPD Tac Diff
Entries 236679
Tac

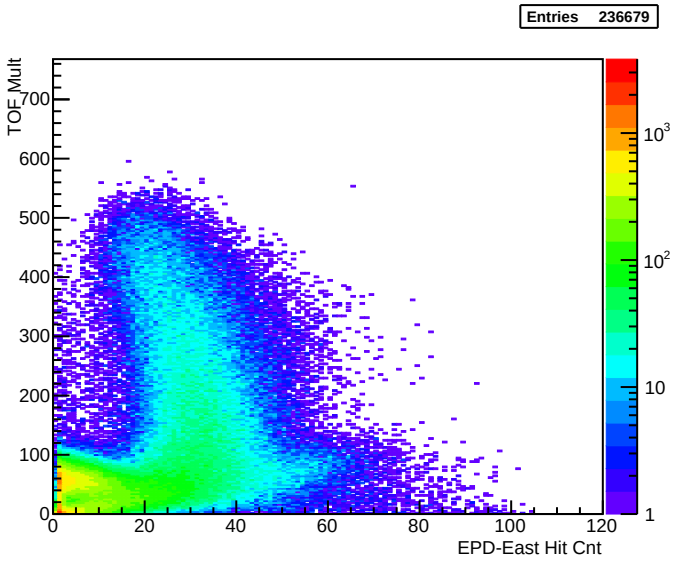

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

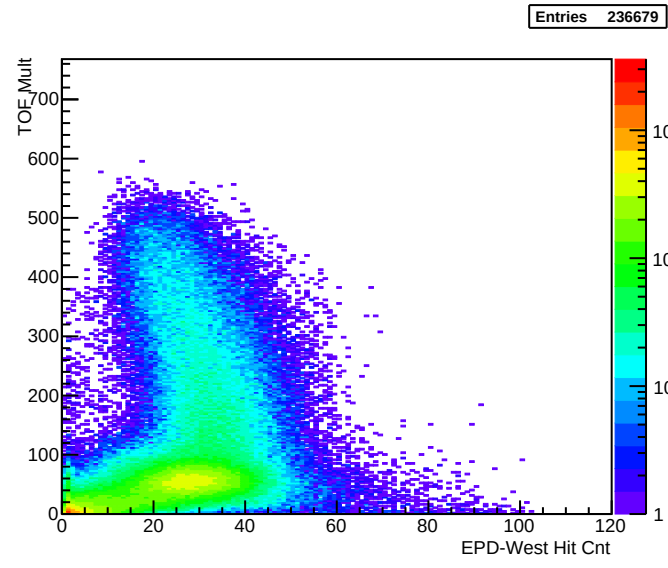

VT201 Input Ch4: VPD Adc Sum Th
Entries 473358
127612
195678
109067
41001
East
West

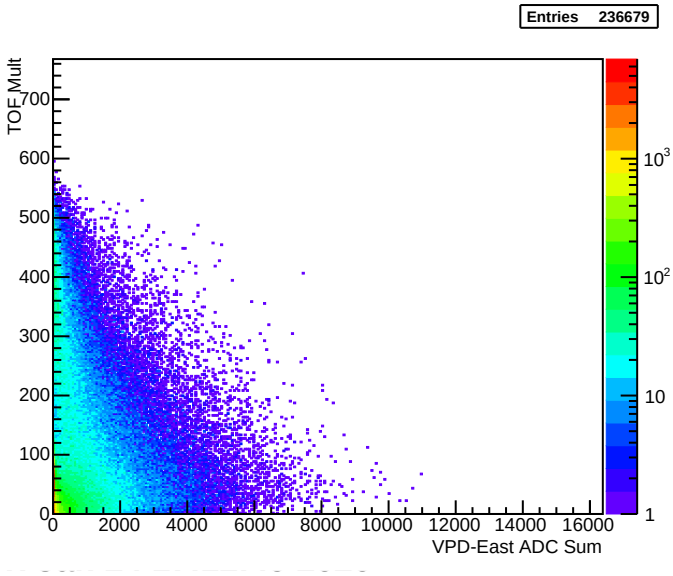

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

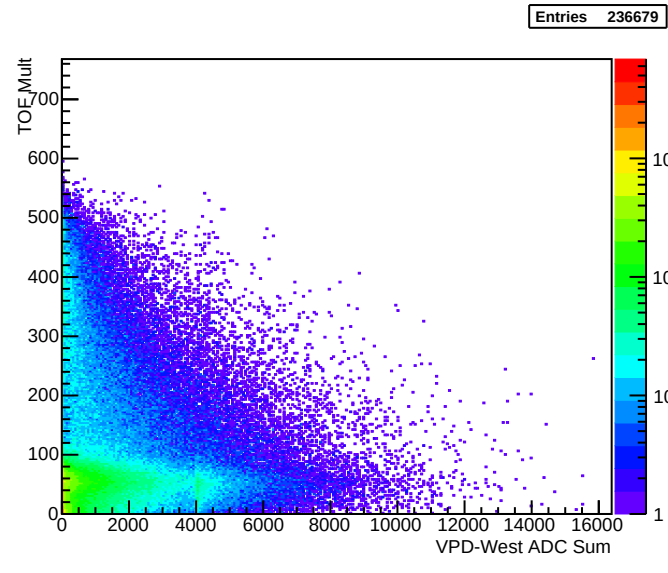

Entries 236679
TOF_Mult
BBC-S-East ADC Sum

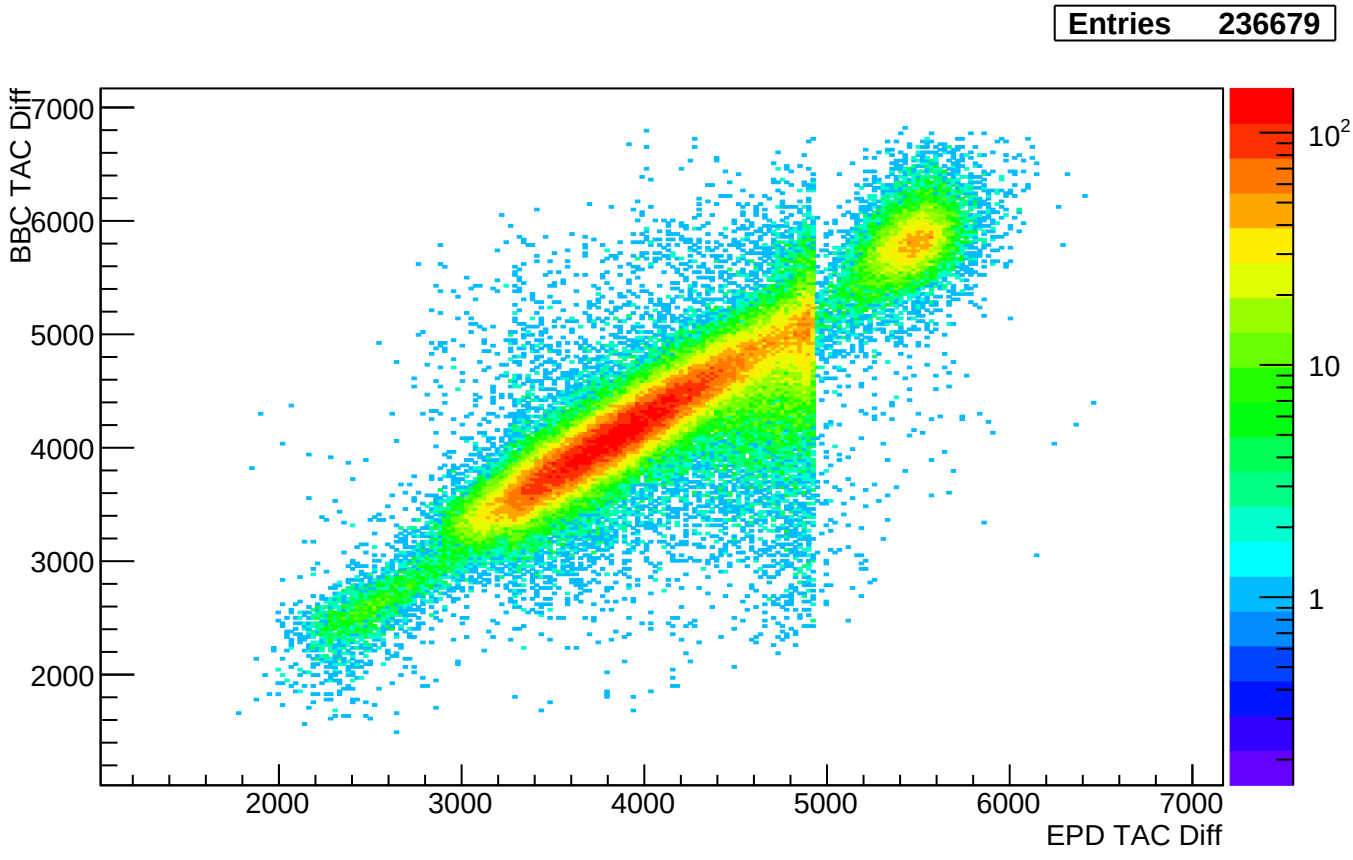

Entries 236679
TOF_Mult
BBC-S-West ADC Sum

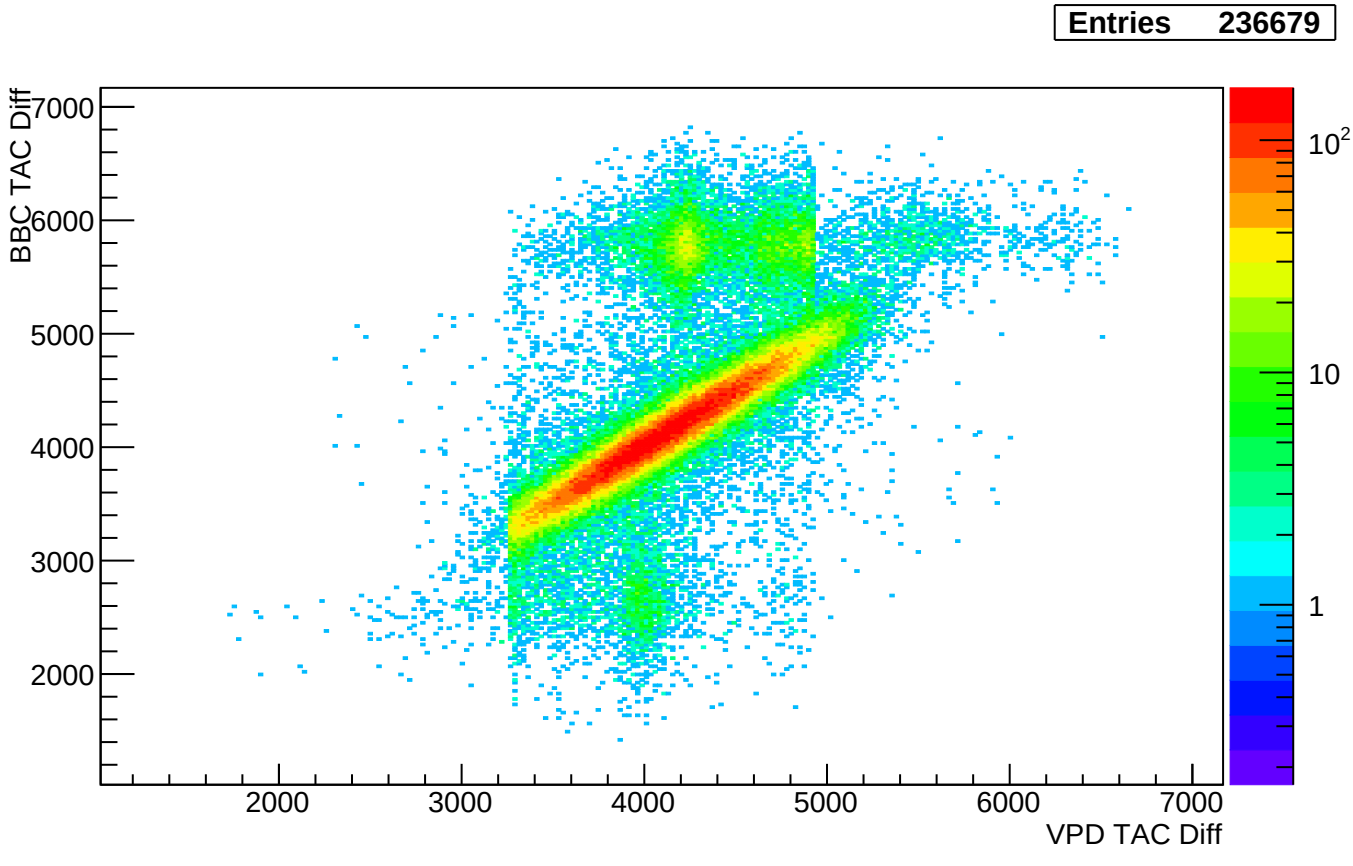

Entries 236679
TOF_Mult
EPD-East Hit Cnt

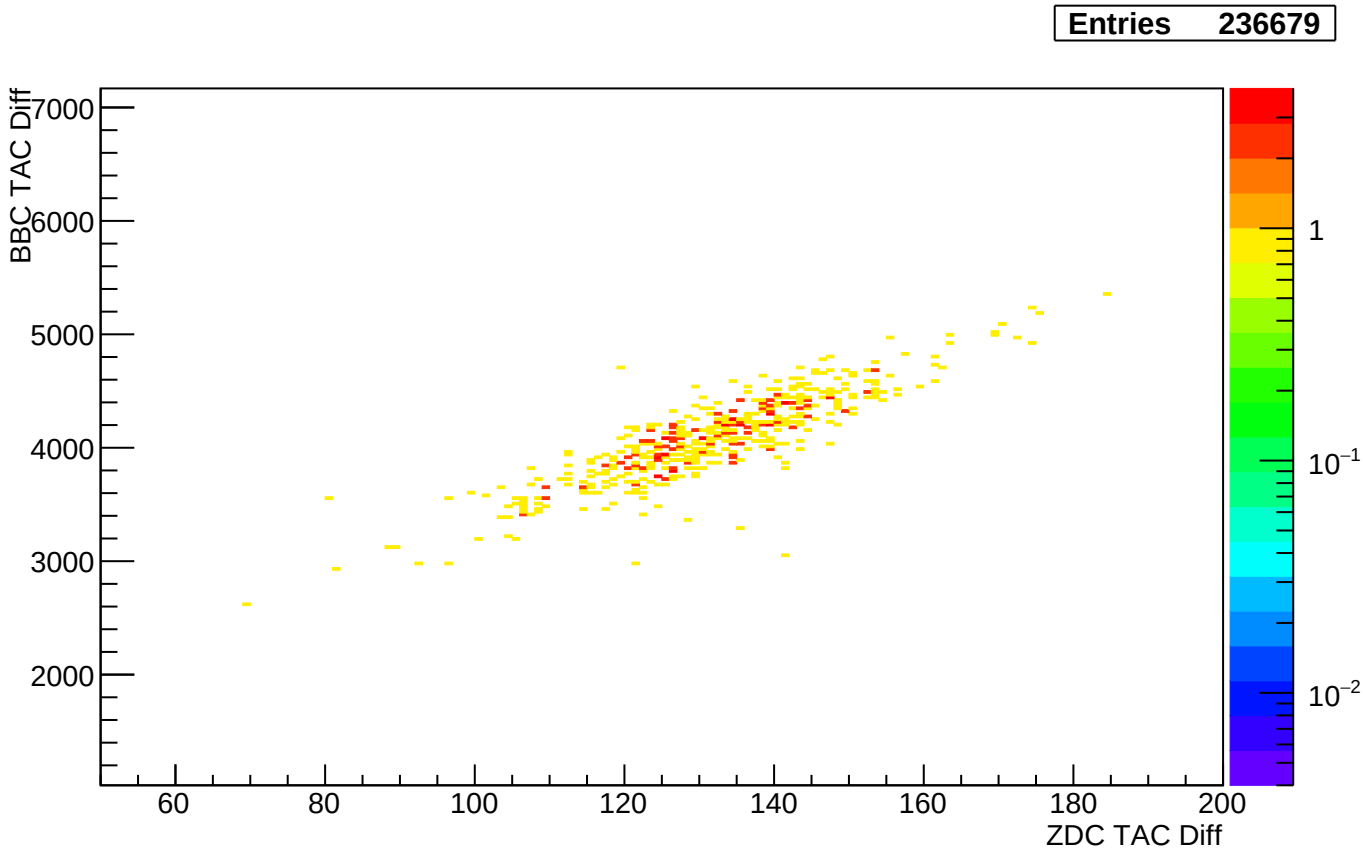

Entries 236679
TOF_Mult
EPD-West Hit Cnt

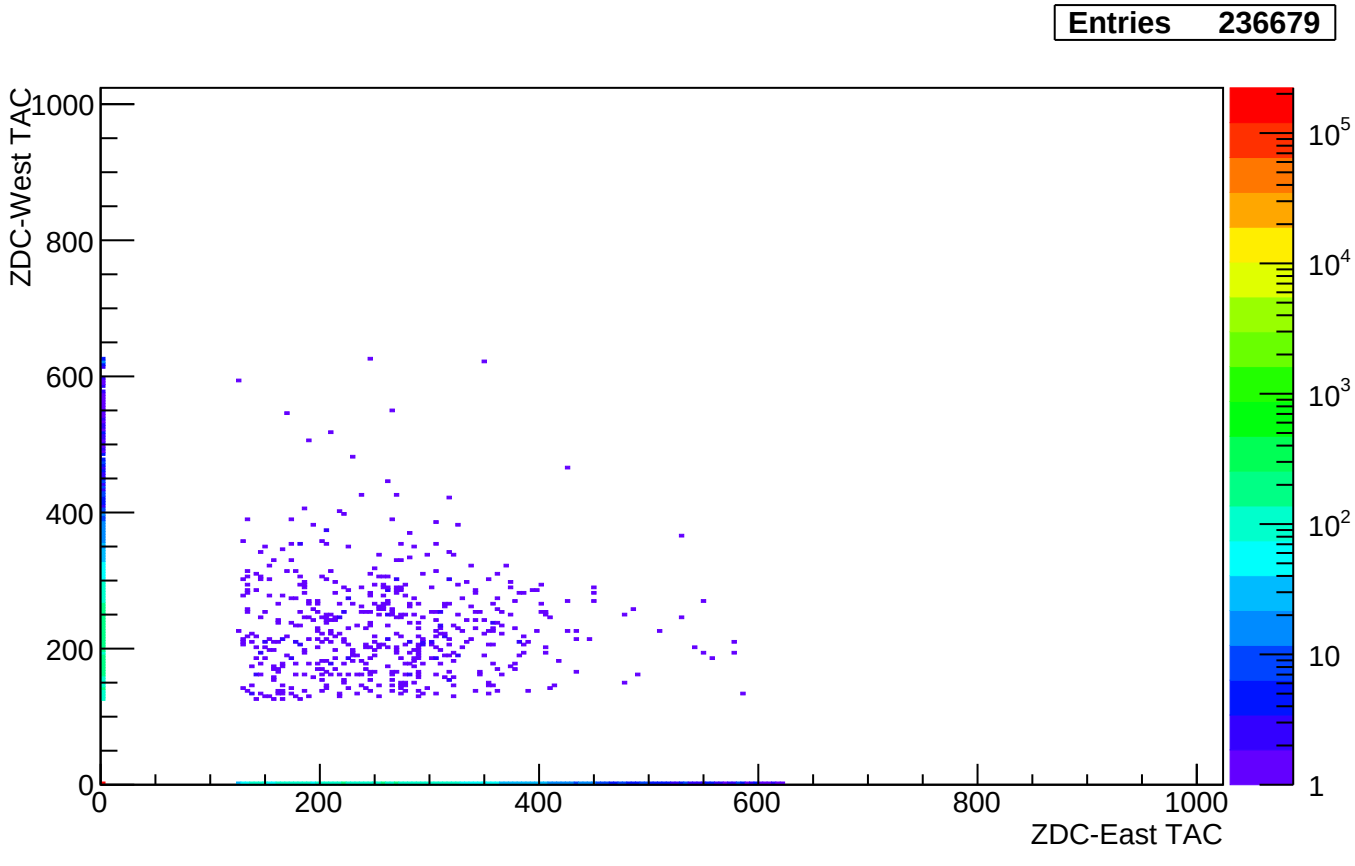

Entries 236679
TOF_Mult
VPD-East ADC Sum

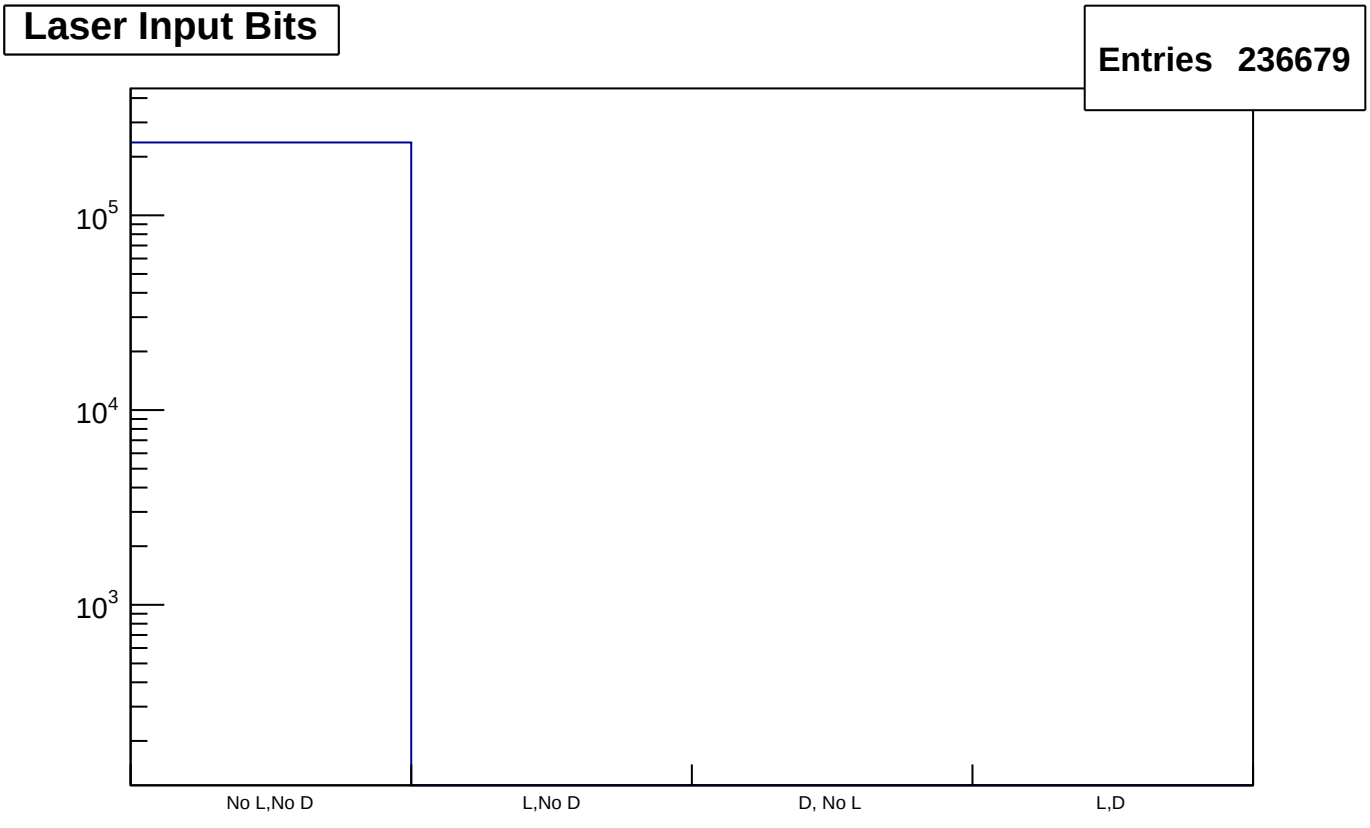

Entries 236679
TOF_Mult
VPD-West ADC Sum

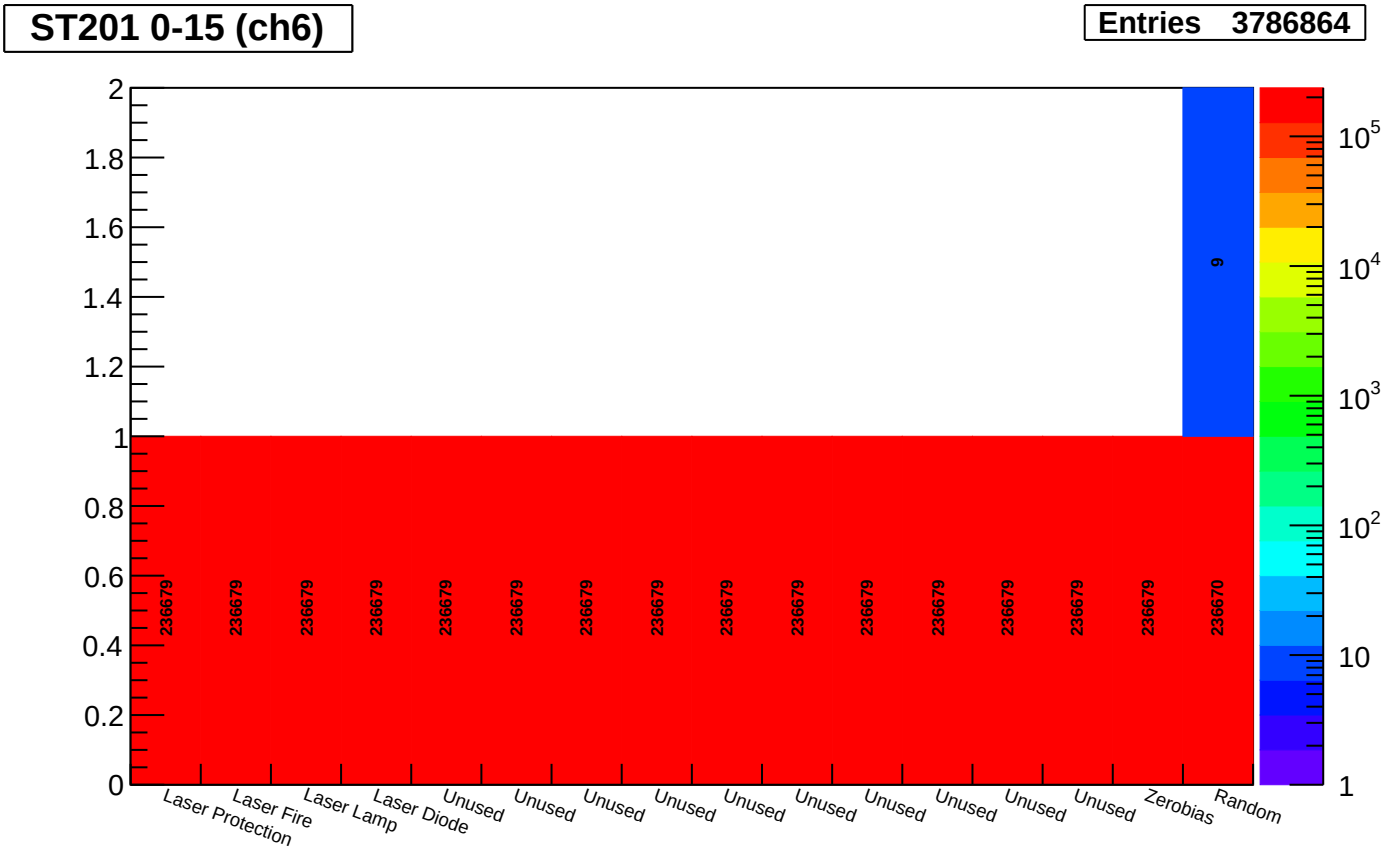

Entries 236679
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

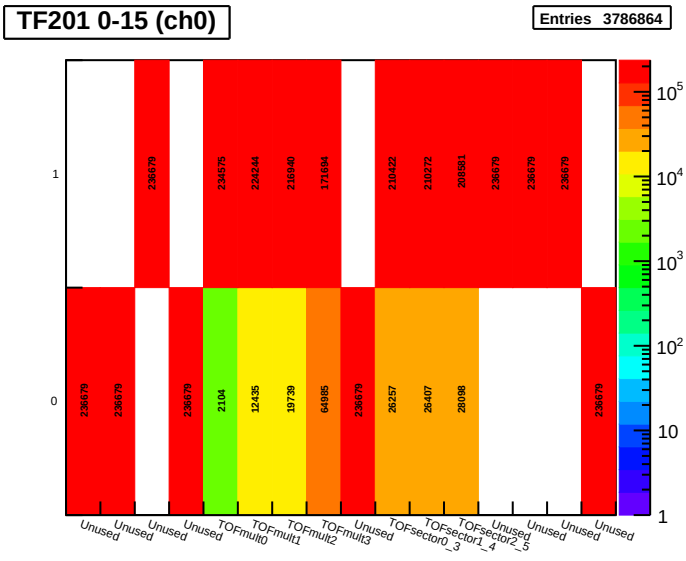

Entries 236679
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

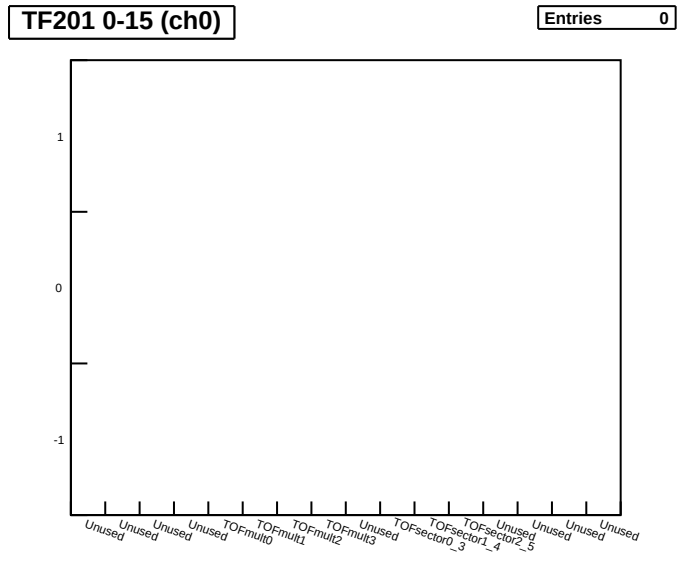

Entries 236679
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

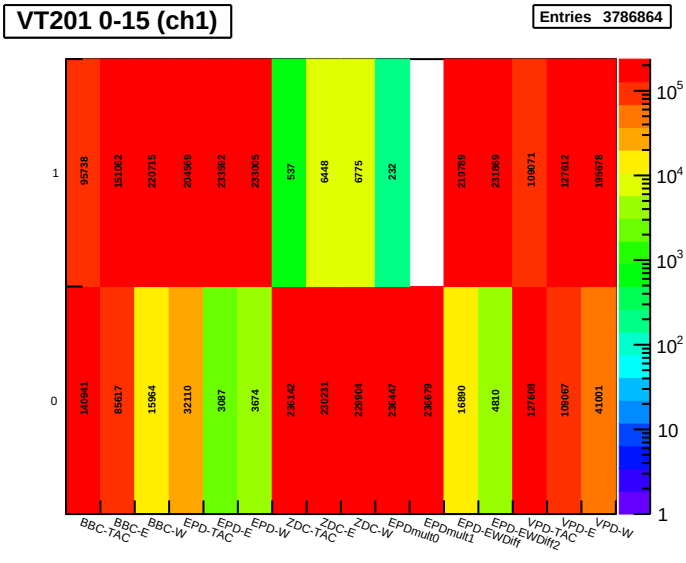

Entries 236679
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

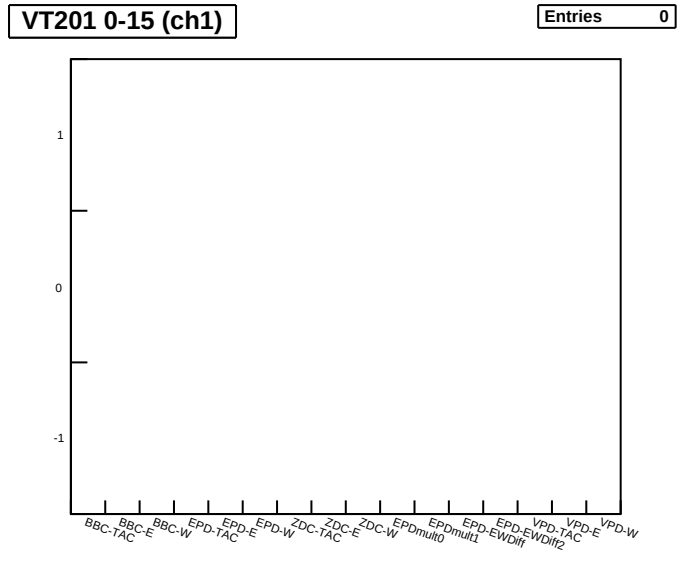

Laser Input Bits
Entries 236679
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

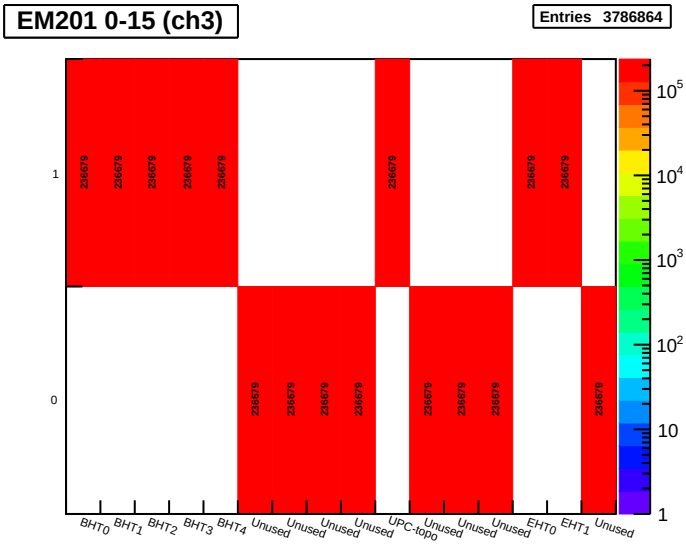

ST201 0-15 (ch6)
Entries 3786864
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236670
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

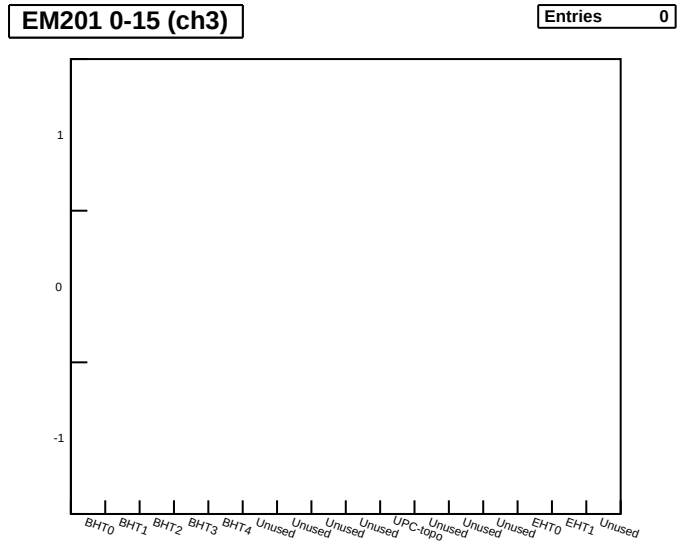

TF201 0-15 (ch0)
Entries 3786864
1
0
236679
234575
224244
216940
171694
210422
210272
208931
236679
236679
236679
236679
236679
236679
2104
12435
19739
64985
236679
26257
26407
28098
236679
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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
Unused


VT201 0-15 (ch1)
Entries 3786864
1
0
95738
151052
220715
204569
233592
233005
537
6448
6775
232
219769
231869
109071
127612
195678
140941
85617
15964
32110
3087
3674
236142
230231
229104
236447
236679
16890
4810
127608
109067
41001
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 3786864
1
0
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
236679
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