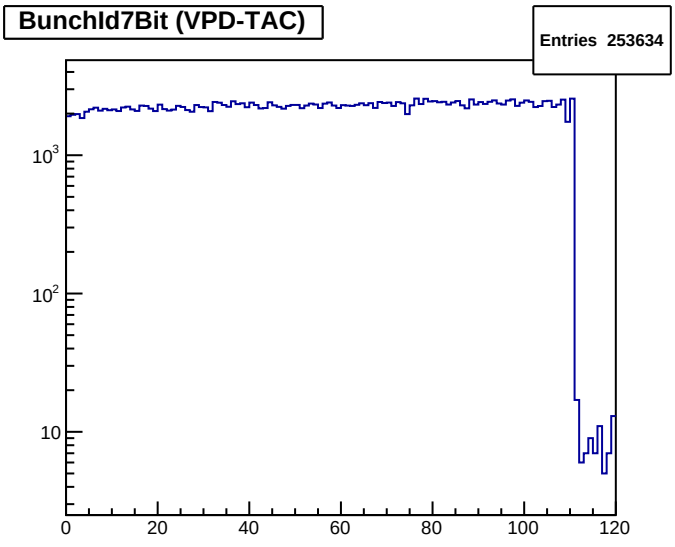
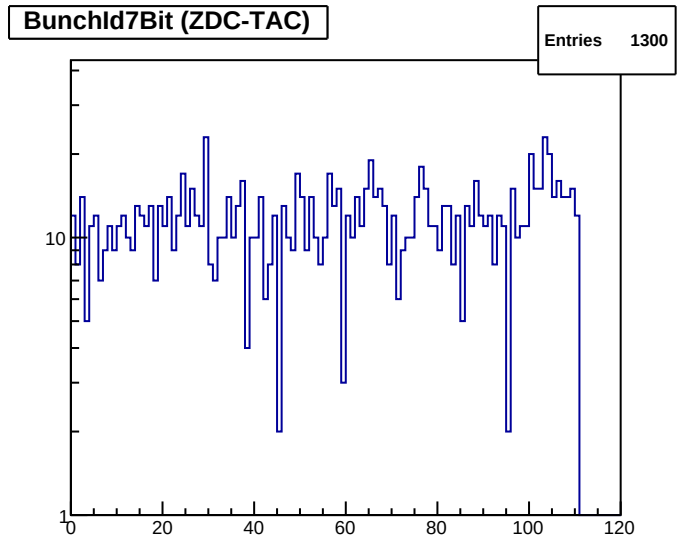
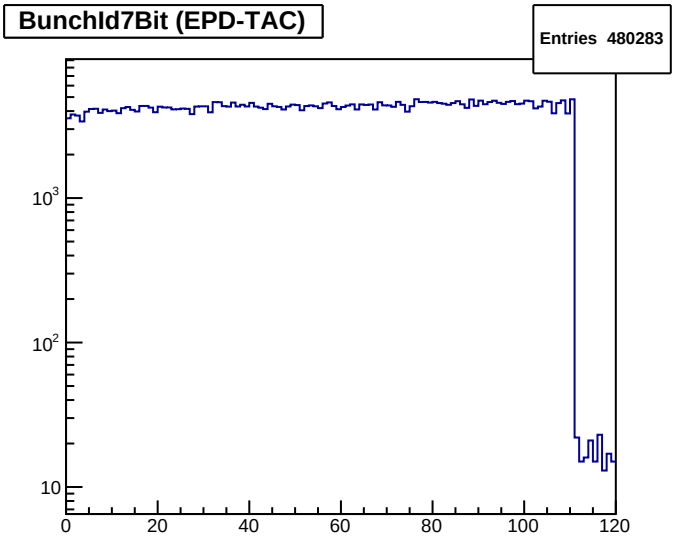
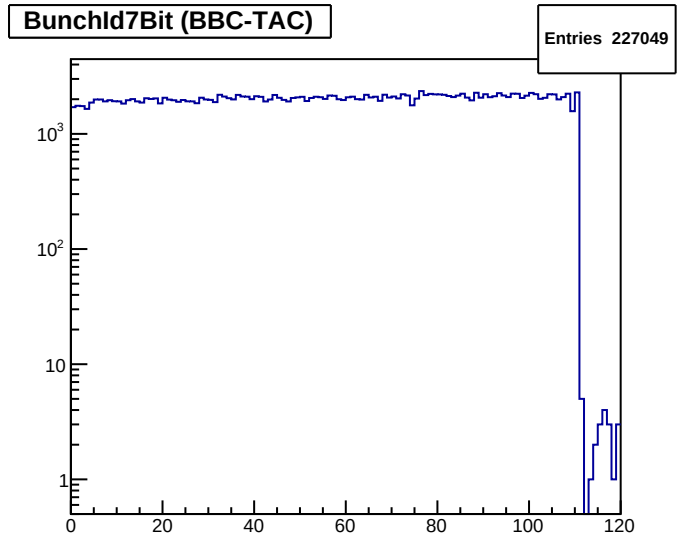
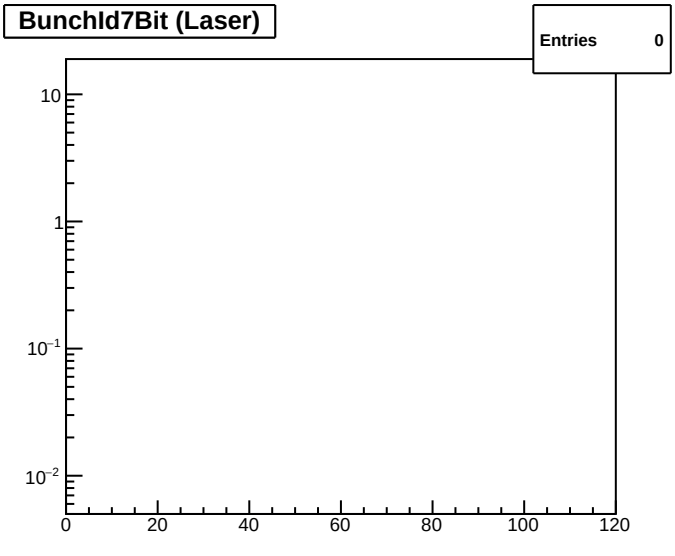
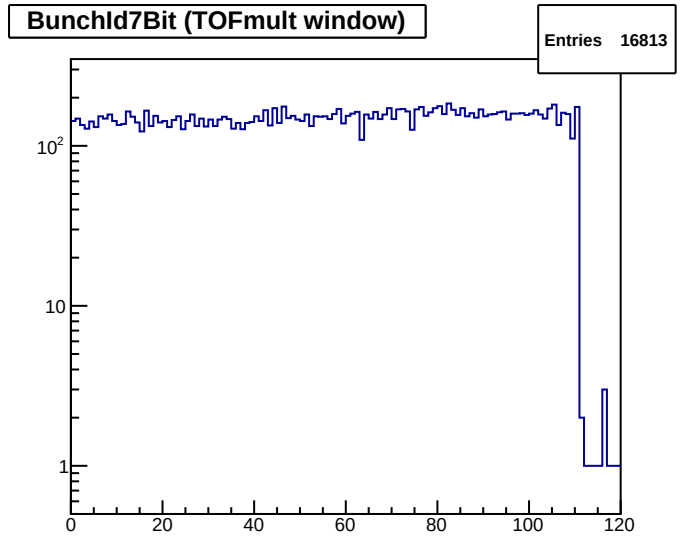

BunchId7Bit (VPD-TAC)
Entries 253634

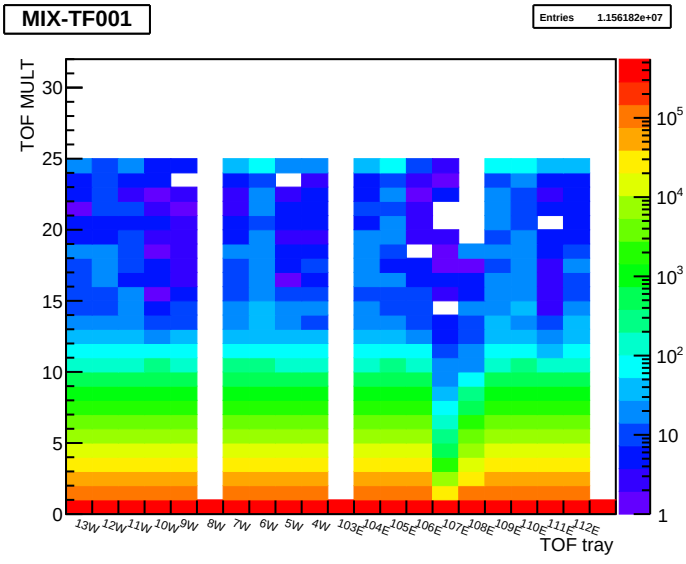

BunchId7Bit (ZDC-TAC)
Entries 1300

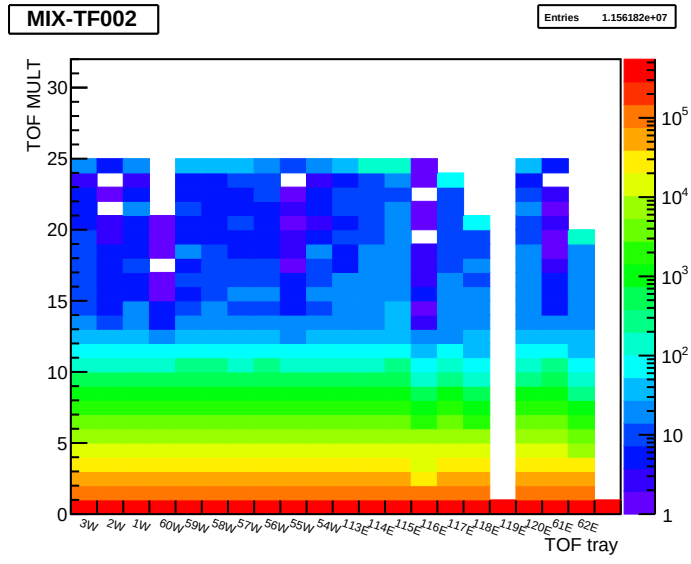

BunchId7Bit (EPD-TAC)
Entries 480283

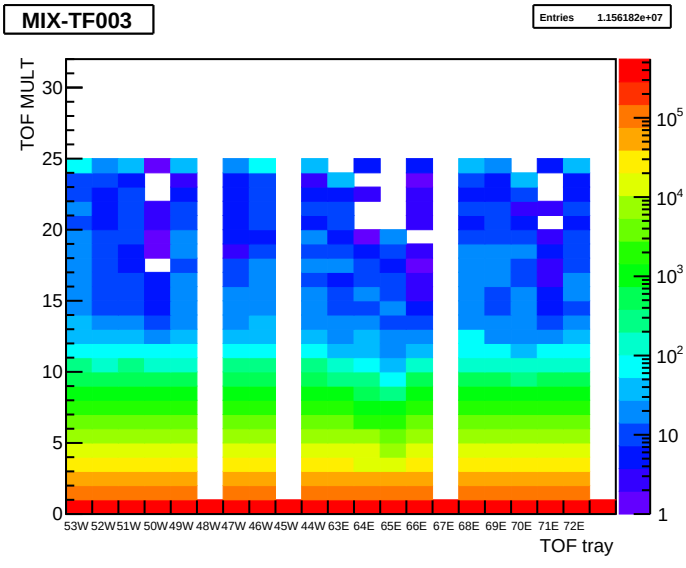

BunchId7Bit (BBC-TAC)
Entries 227049

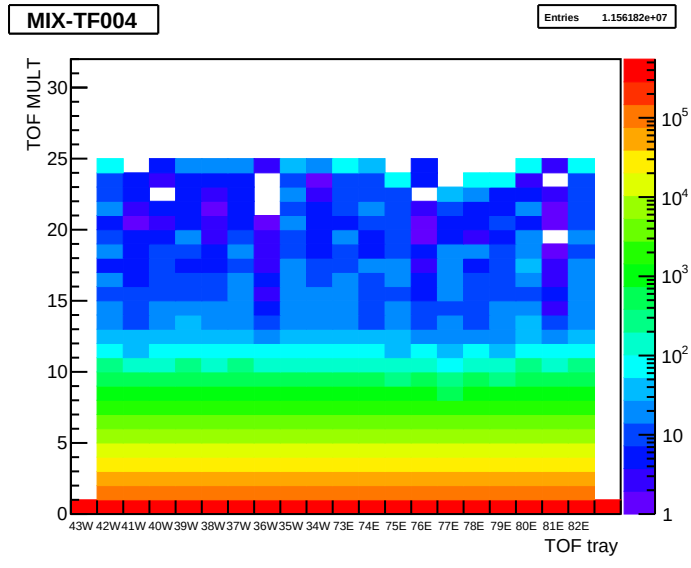

BunchId7Bit (Laser)
Entries 0

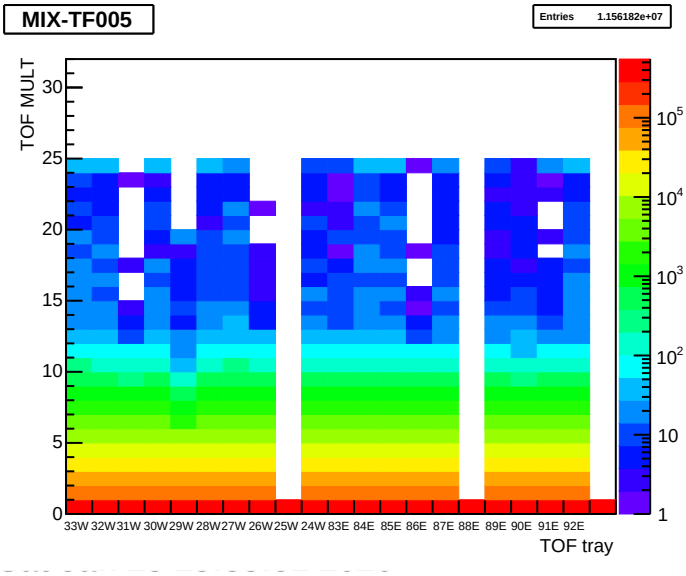

BunchId7Bit (TOFmult window)
Entries 16813

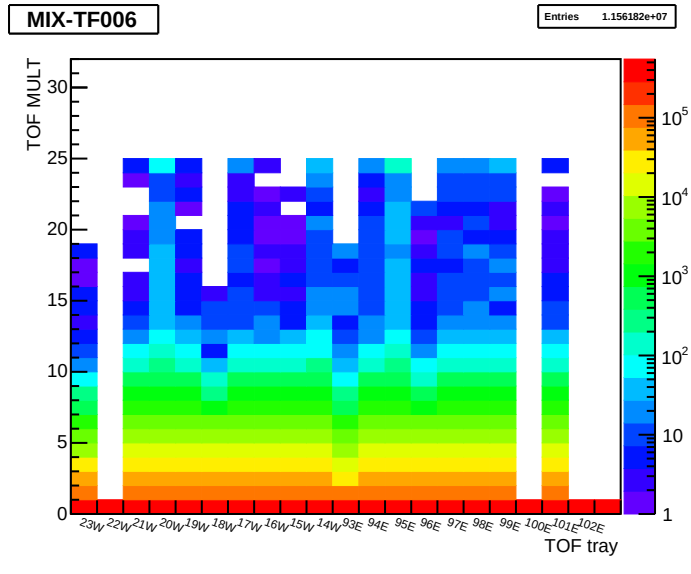

MIX-TF001
Entries 1.156182e+07
TOF MULT
TOF tray

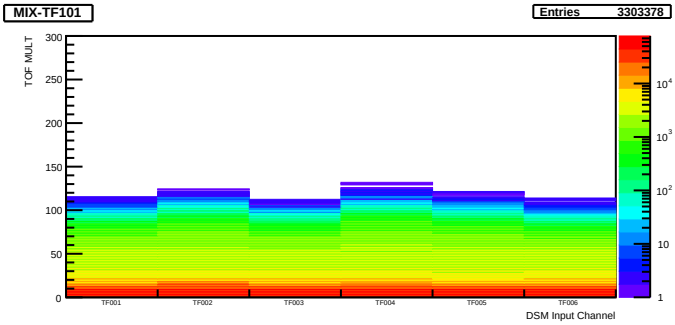

MIX-TF002
Entries 1.156182e+07
TOF MULT
TOF tray

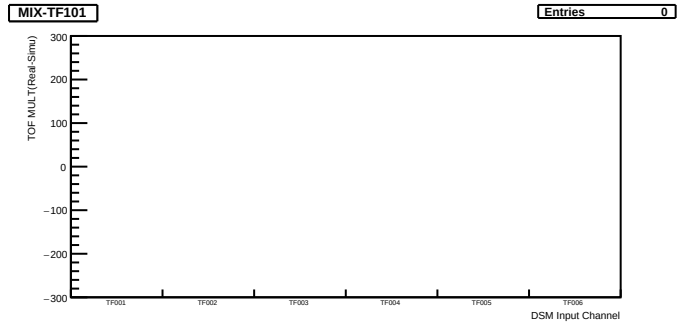

MIX-TF003
Entries 1.156182e+07
TOF MULT
TOF tray

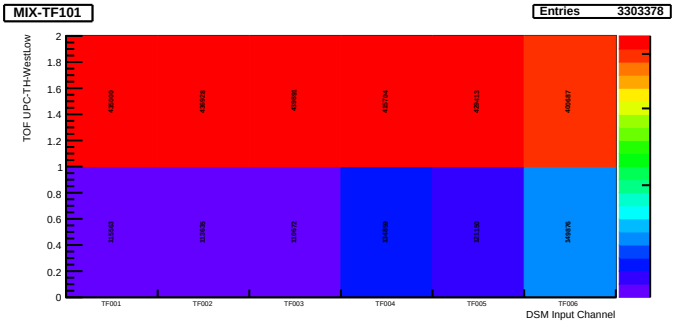

MIX-TF004
Entries 1.156182e+07
TOF MULT
TOF tray

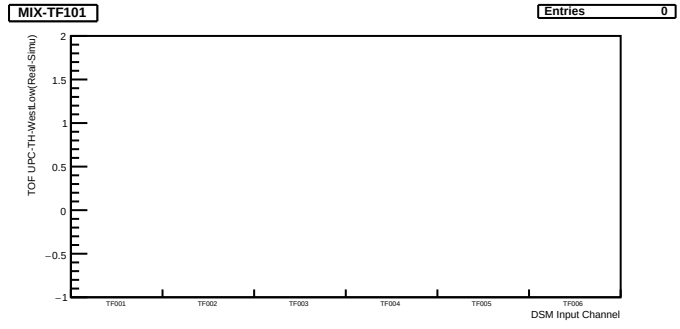

MIX-TF005
Entries 1.156182e+07
TOF MULT
TOF tray

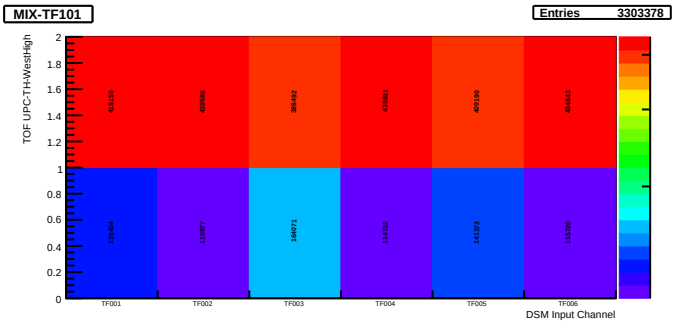

MIX-TF006
Entries 1.156182e+07
TOF MULT
TOF tray

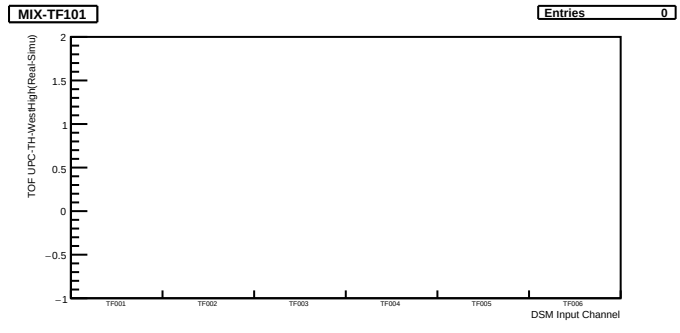

MIX-TF101
Entries 3303378
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

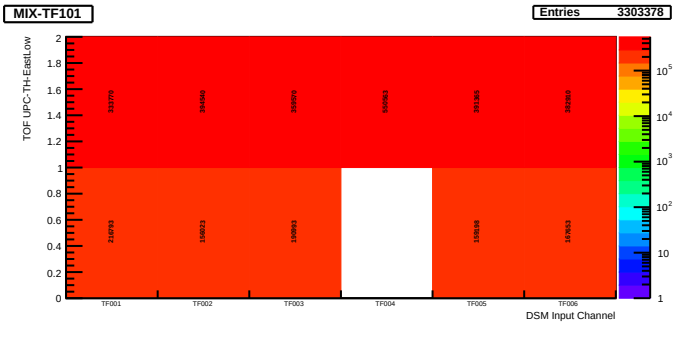

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

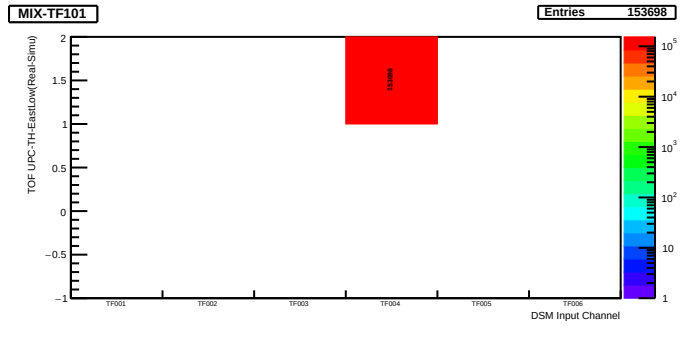

MIX-TF101
Entries 3303378
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

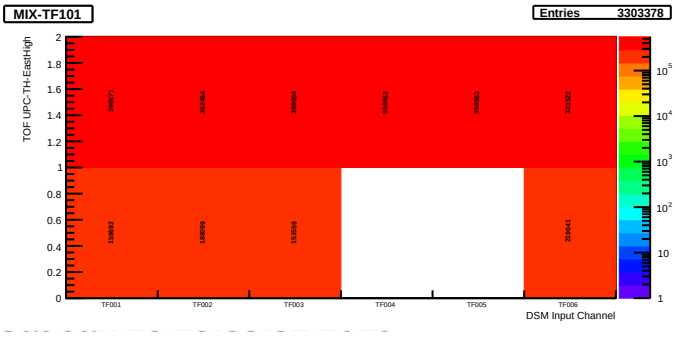

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

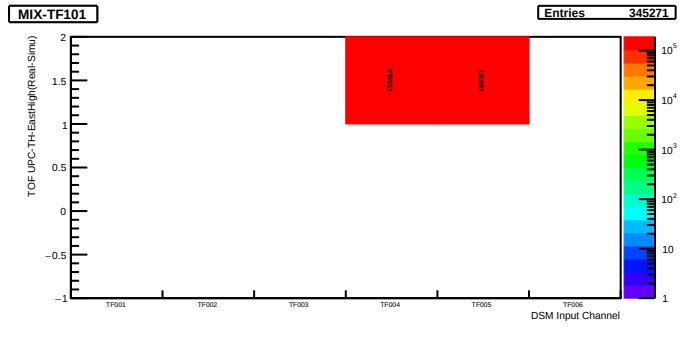

MIX-TF101
Entries 3303378
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

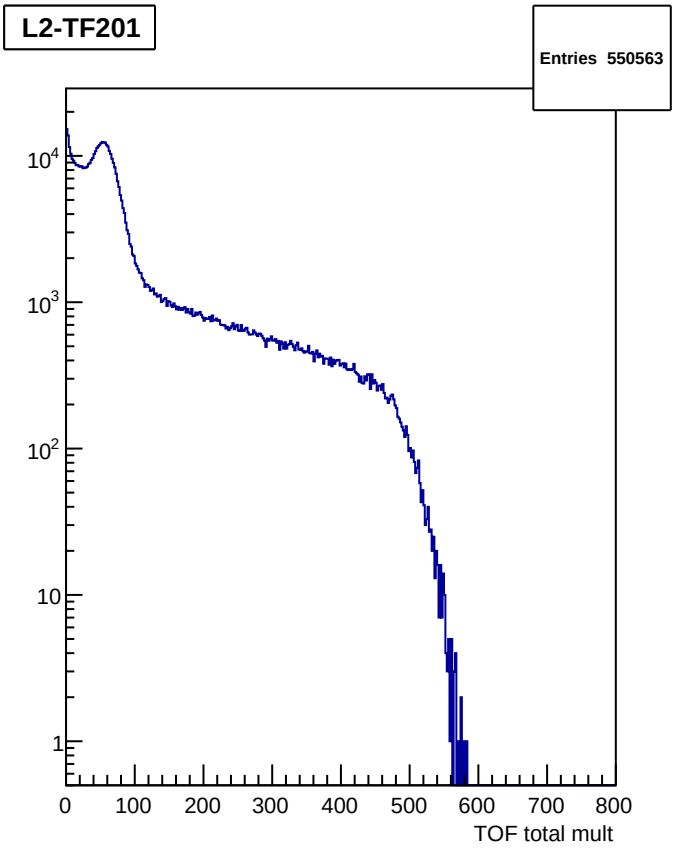

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

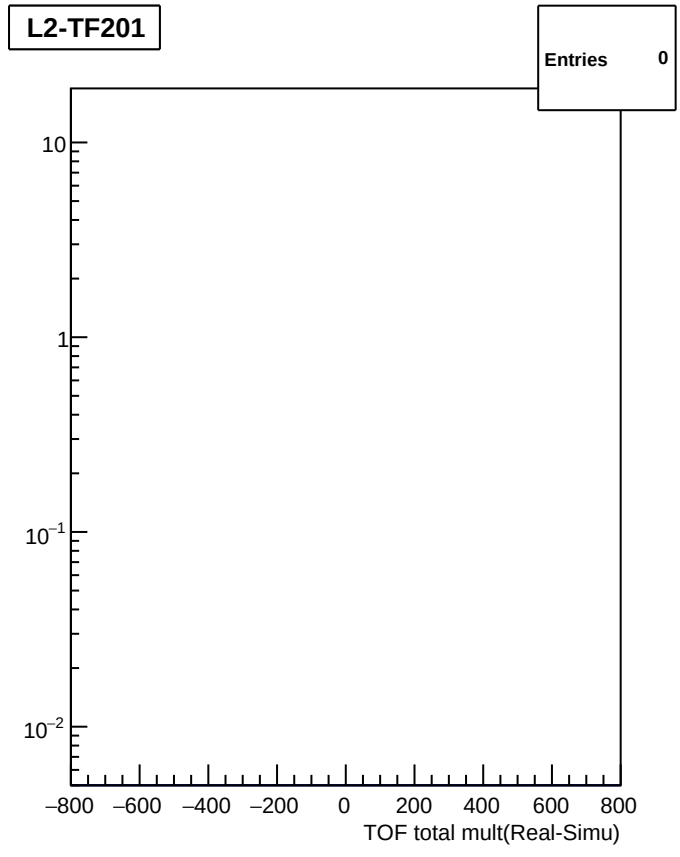

MIX-TF101
Entries 3303378
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

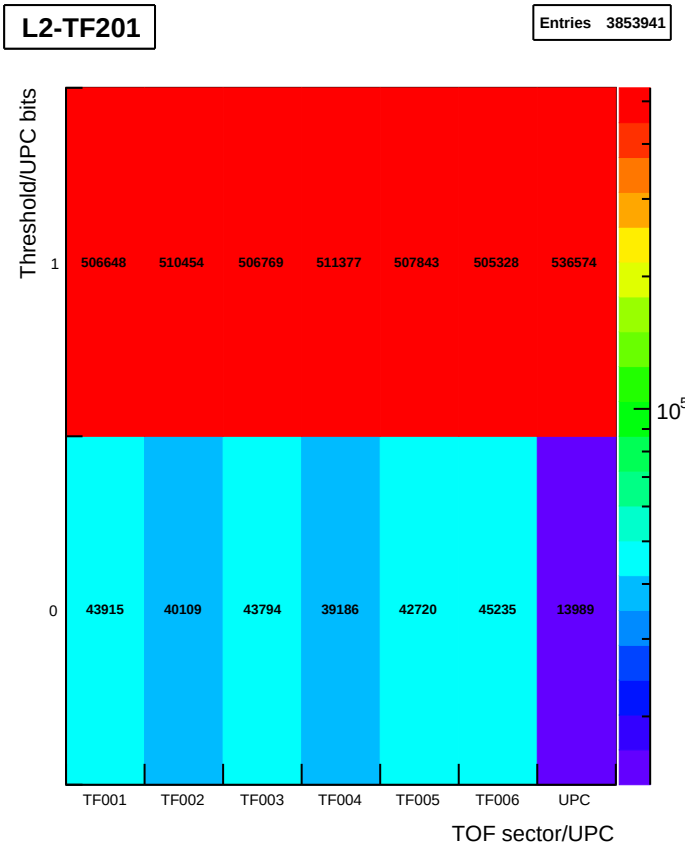

MIX-TF101
Entries 153698
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

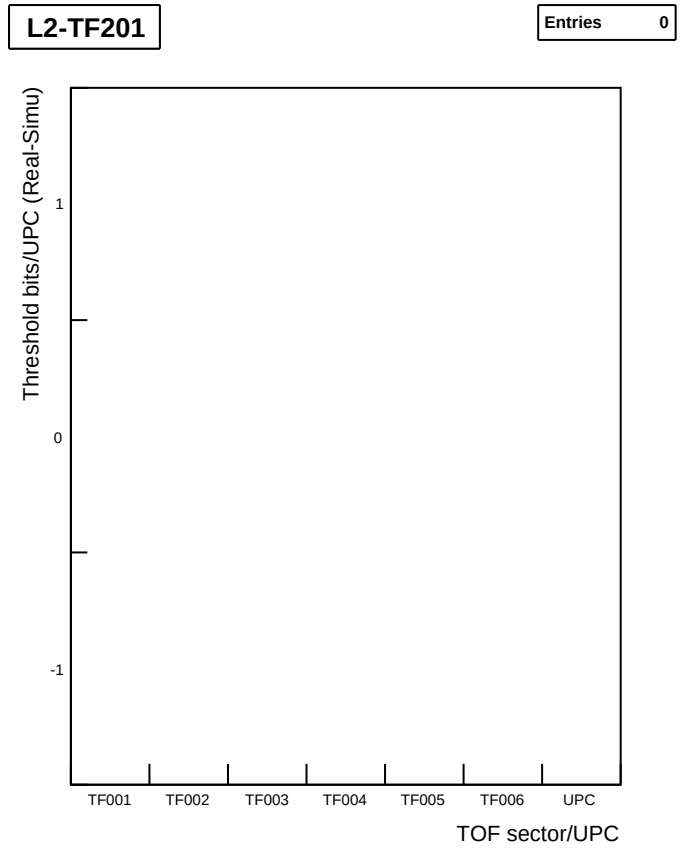

MIX-TF101
Entries 3303378
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

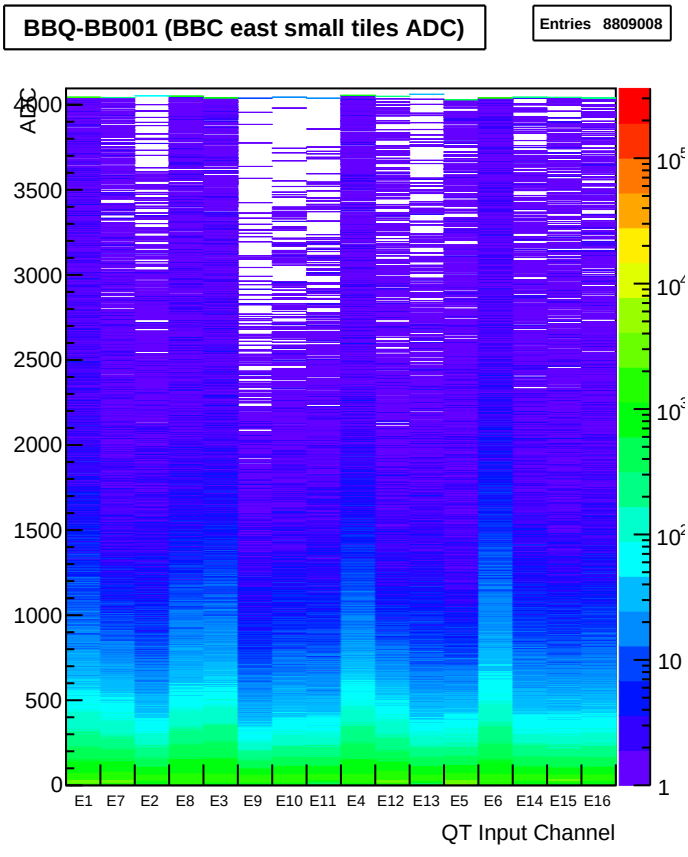

MIX-TF101
Entries 345271
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

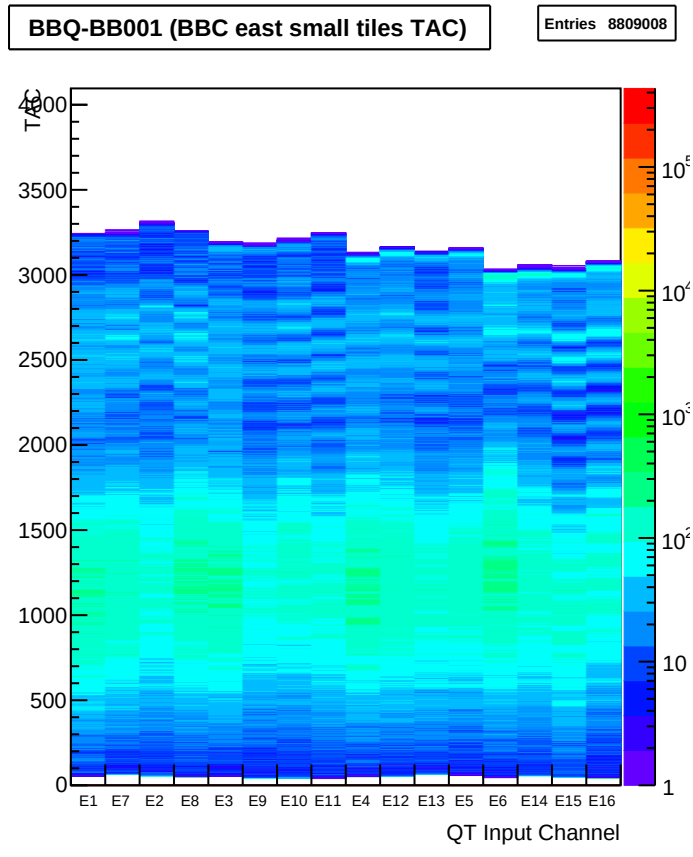

L2-TF201
Entries 550563
TOF total mult

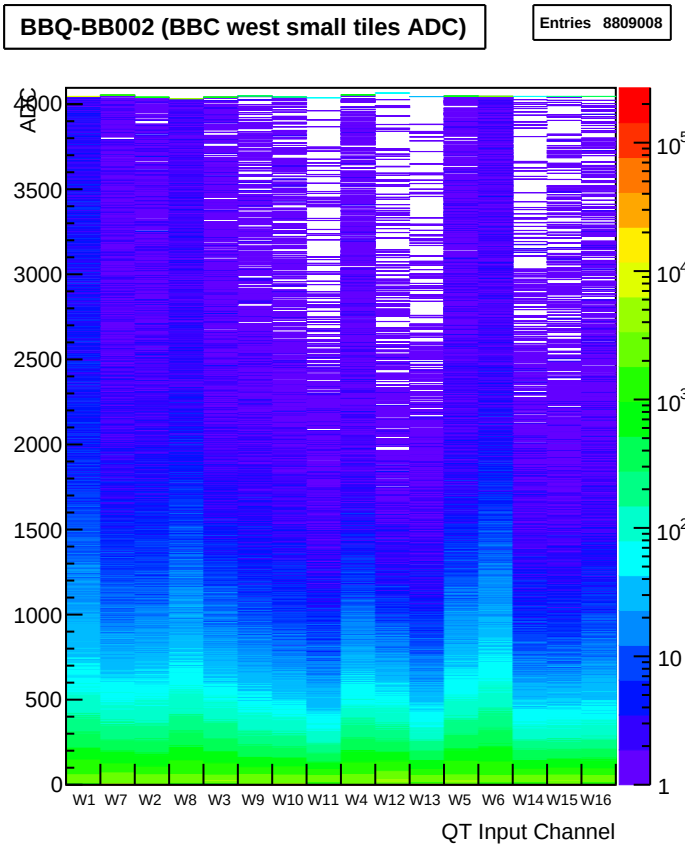

L2-TF201
Entries 0
TOF total mult(Real-Simu)

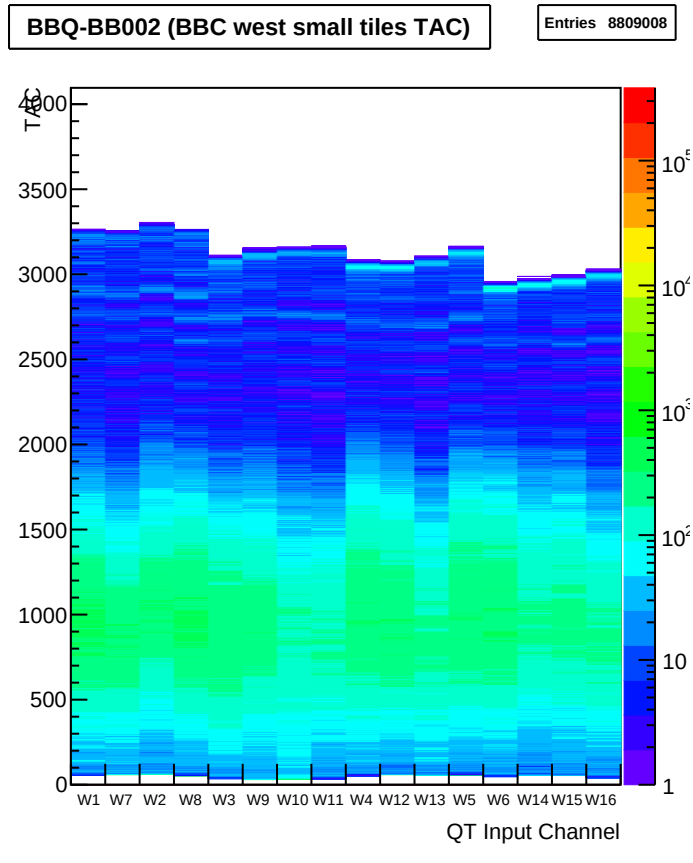

L2-TF201
Entries 3853941
Threshold/UPC bits
506648
510454
506769
511377
507843
505328
536574
43915
40109
43794
39186
42720
45235
13989
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

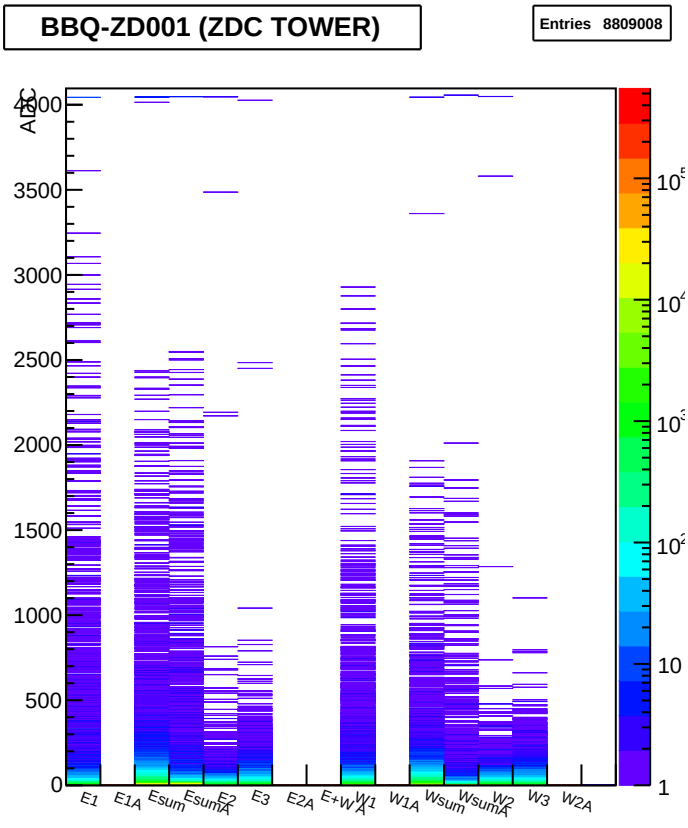

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

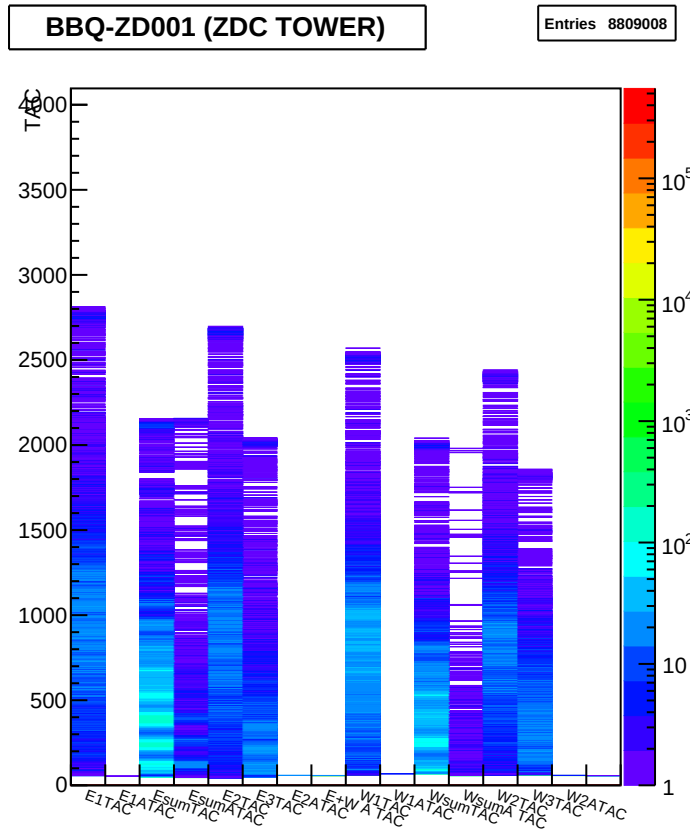

BBQ-BB001 (BBC east small tiles ADC)
Entries 8809008
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

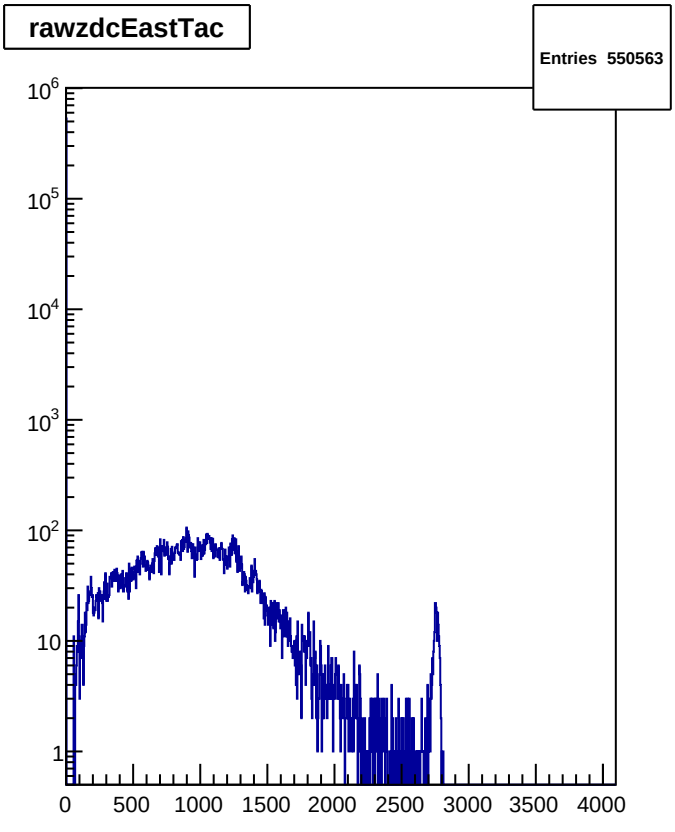

BBQ-BB001 (BBC east small tiles TAC)
Entries 8809008
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

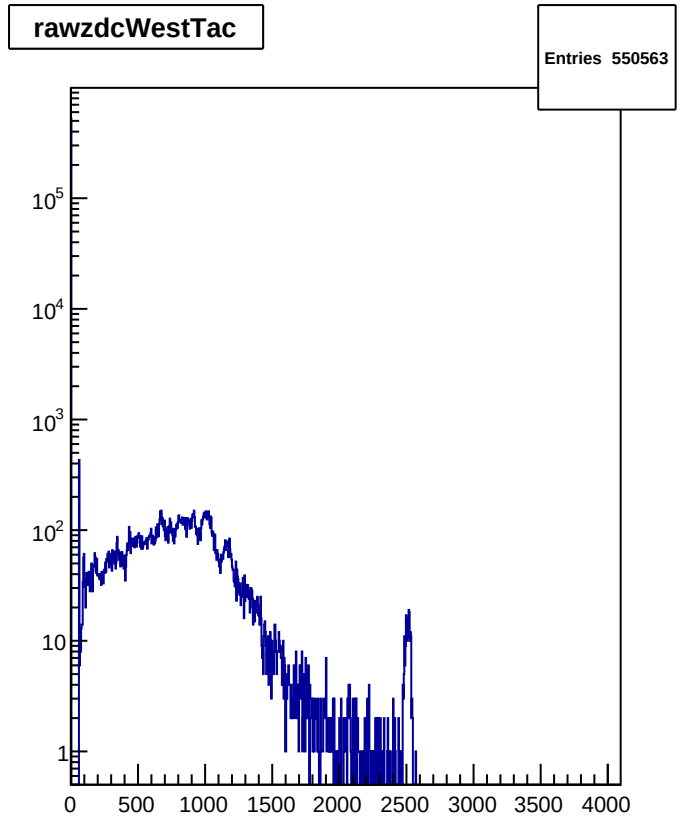

BBQ-BB002 (BBC west small tiles ADC)
Entries 8809008
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

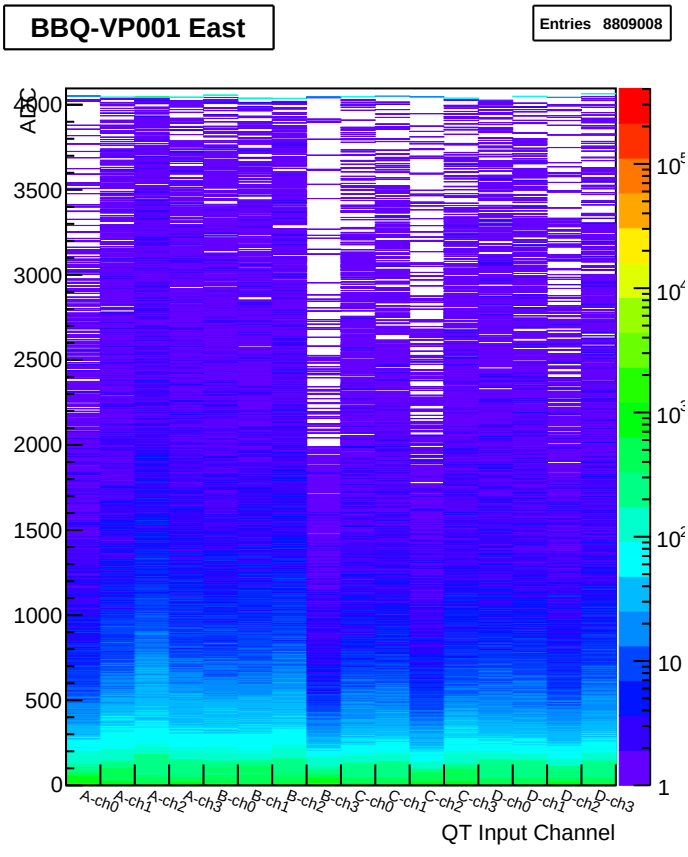

BBQ-BB002 (BBC west small tiles TAC)
Entries 8809008
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

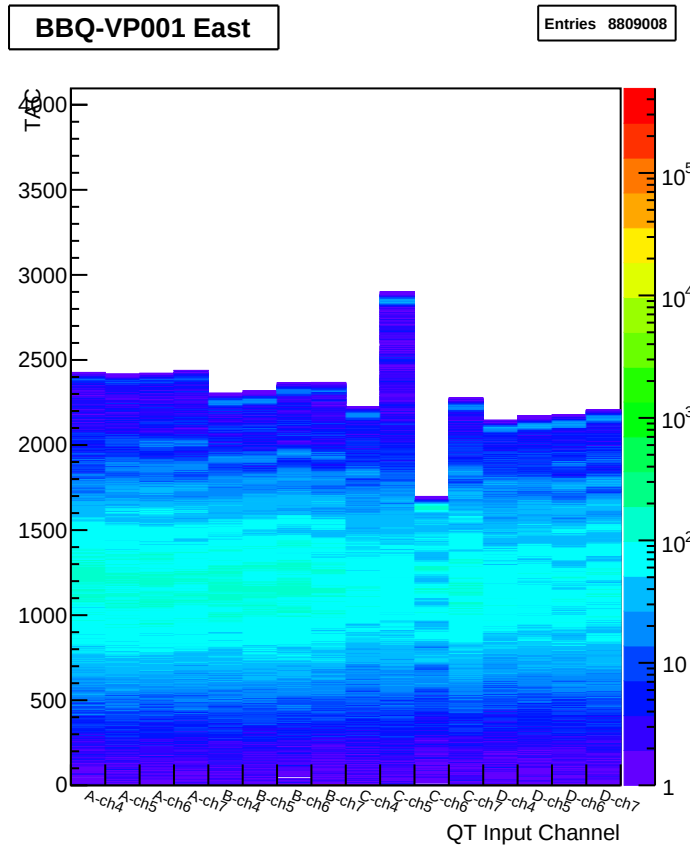

BBQ-ZD001 (ZDC TOWER)
Entries 8809008
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

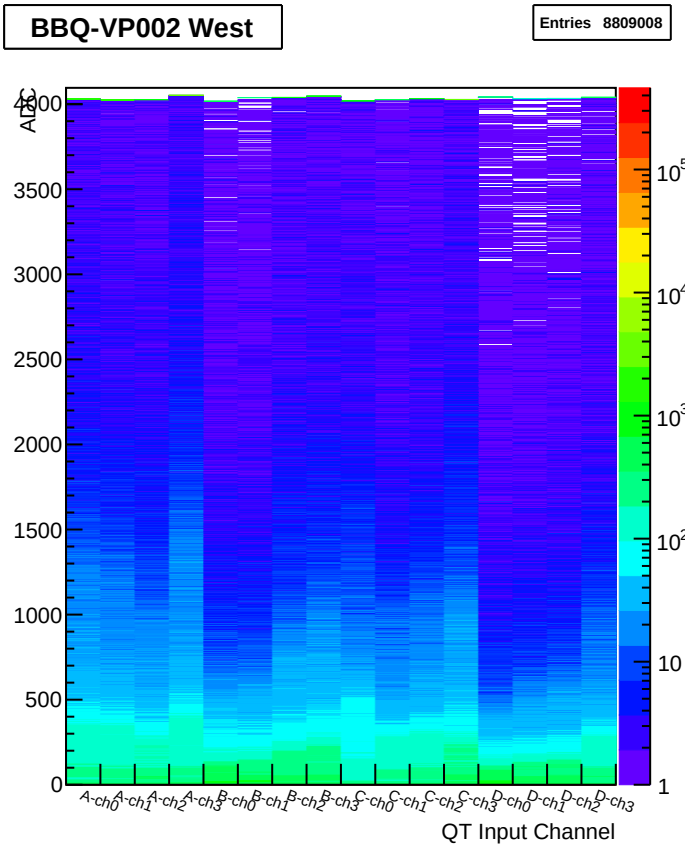

BBQ-ZD001 (ZDC TOWER)
Entries 8809008
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

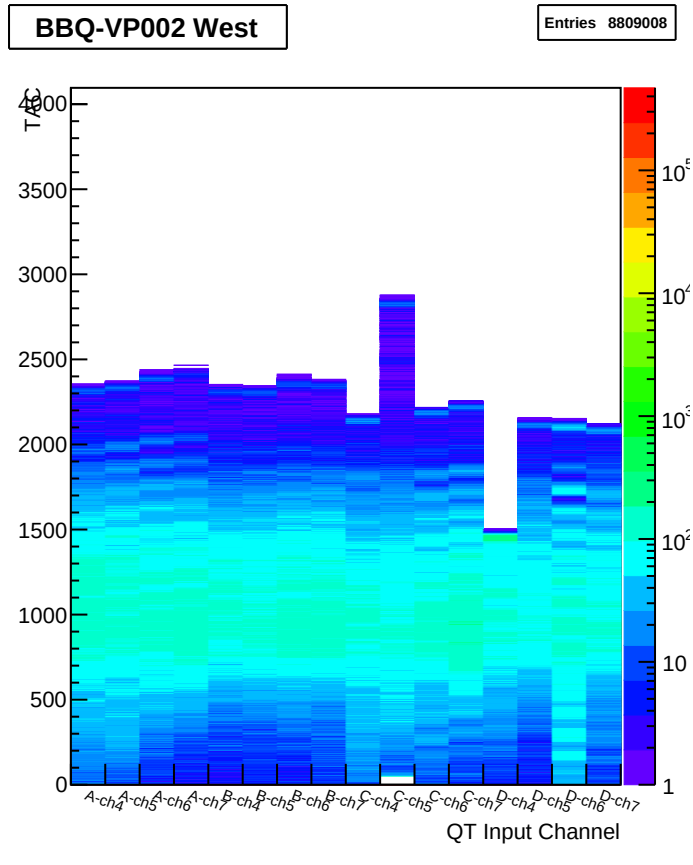

rawzdcEastTac
Entries 550563

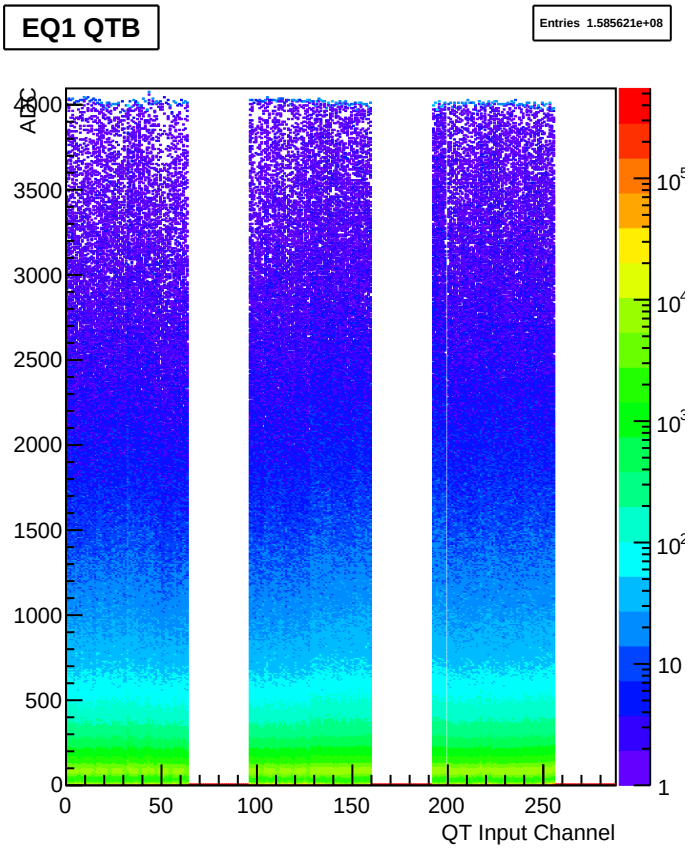

rawzdcWestTac
Entries 550563

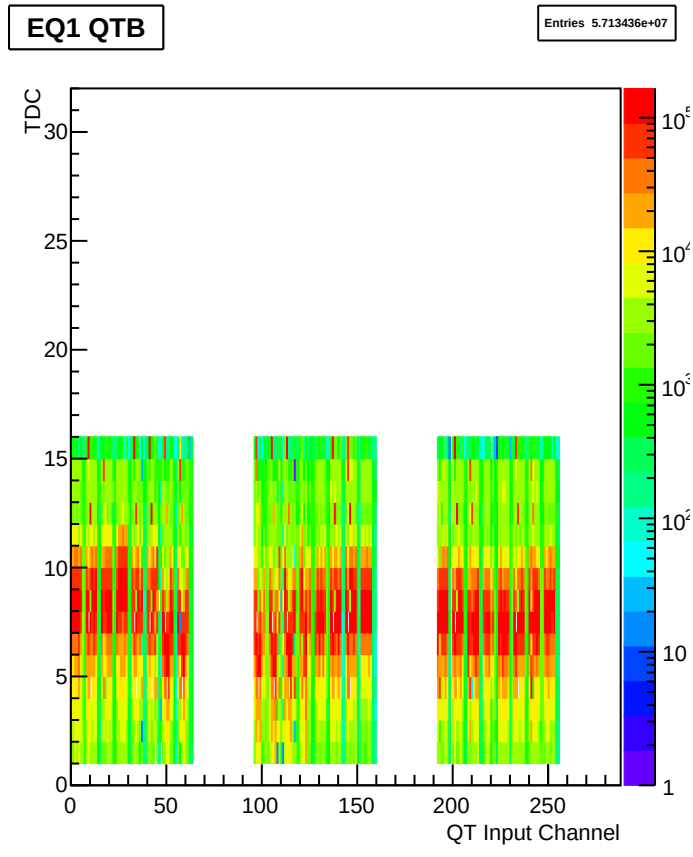

BBQ-VP001 East
Entries 8809008
ADC
QT Input Channel

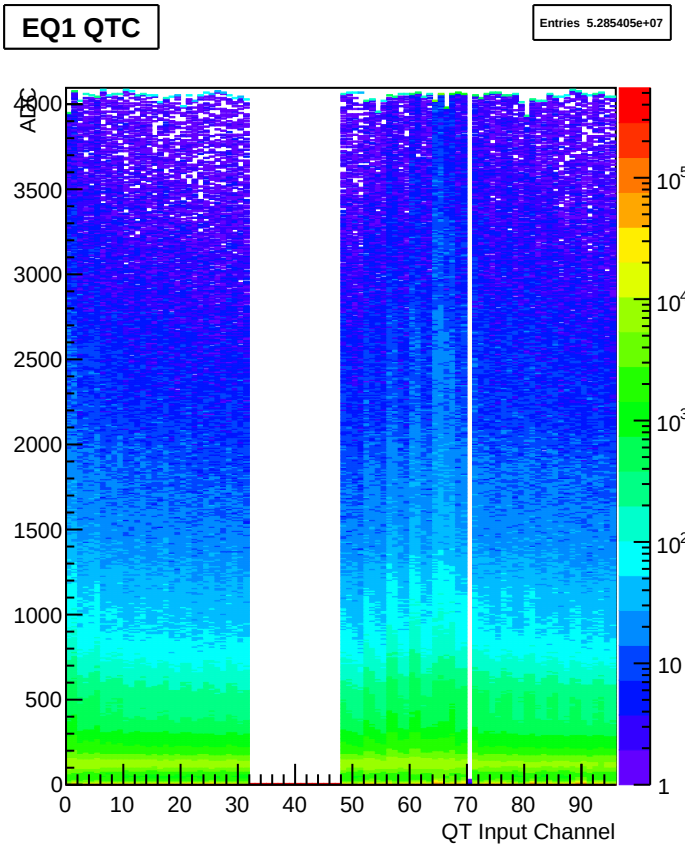

BBQ-VP001 East
Entries 8809008
TADC
QT Input Channel

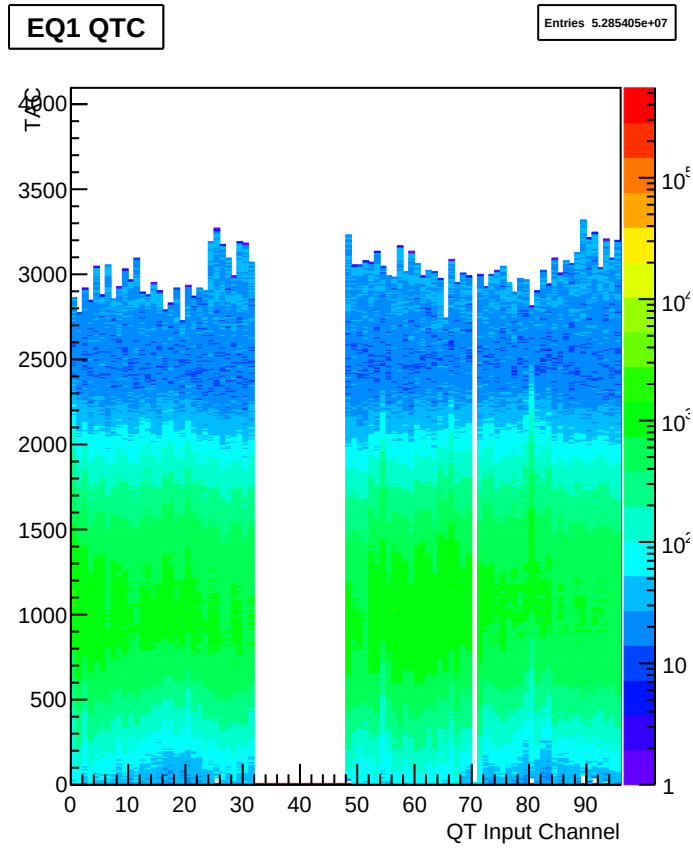

BBQ-VP002 West
Entries 8809008
ADC
QT Input Channel

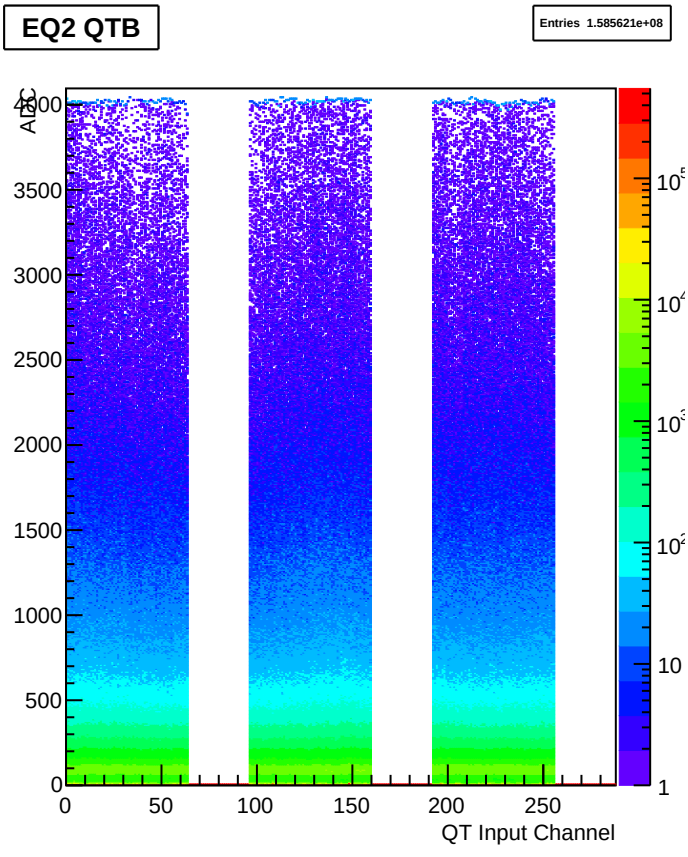

BBQ-VP002 West
Entries 8809008
TADC
QT Input Channel

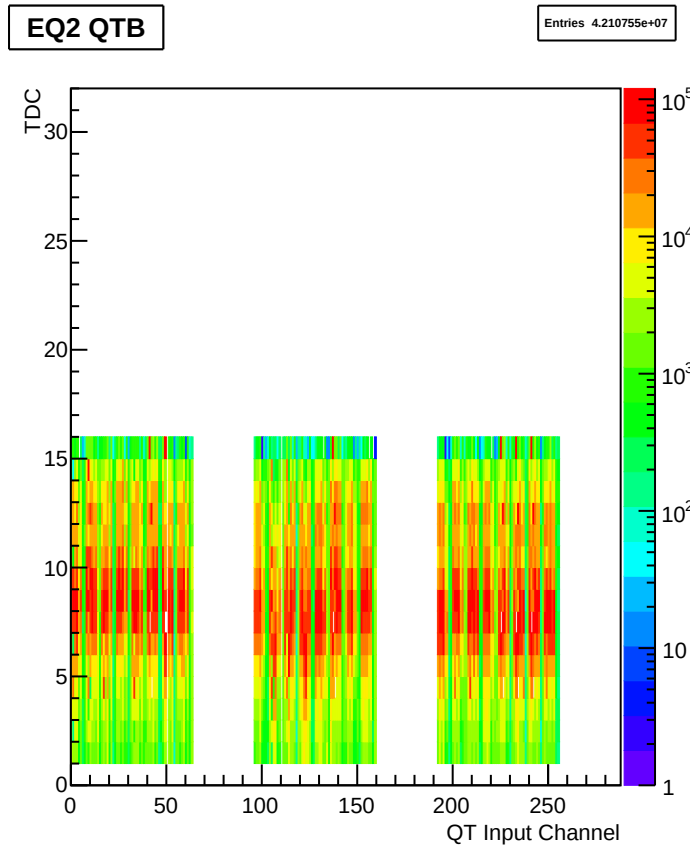

EQ1 QTB
Entries 1.585621e+08
ADC
QT Input Channel

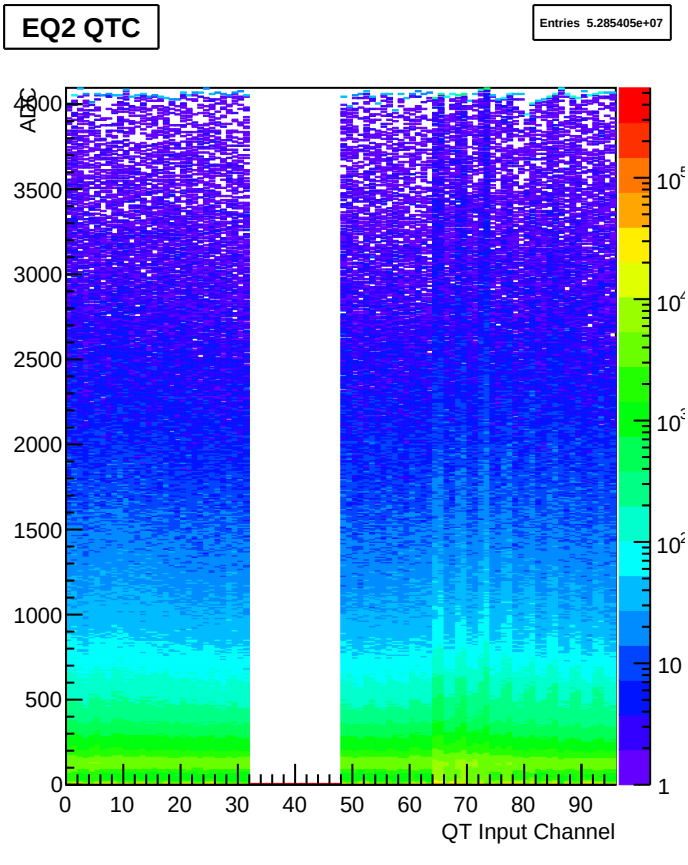

EQ1 QTB
Entries 5.713436e+07
TDC
QT Input Channel

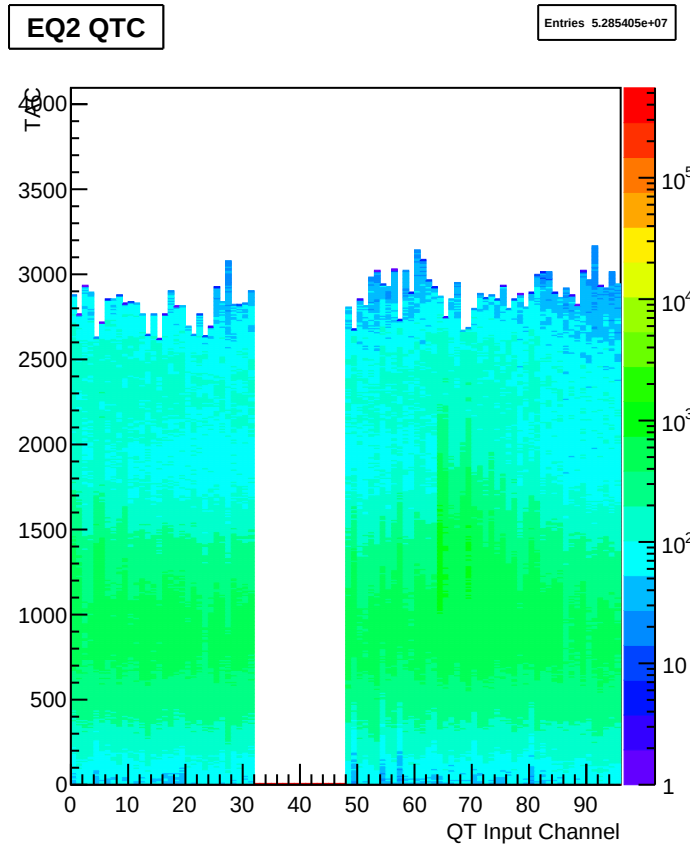

EQ1 QTC
Entries 5.285405e+07
ADC
QT Input Channel

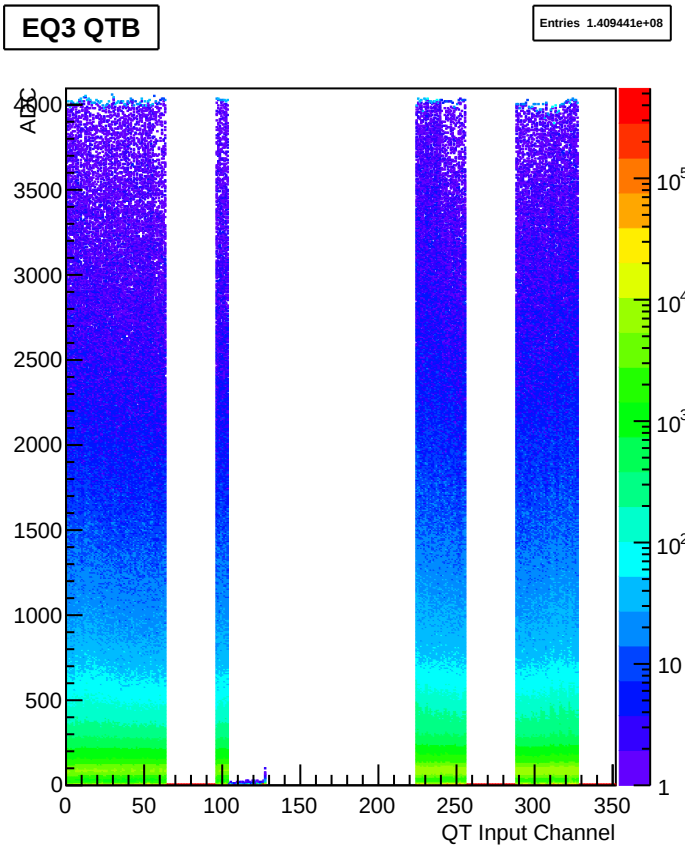

EQ1 QTC
Entries 5.285405e+07
TADC
QT Input Channel

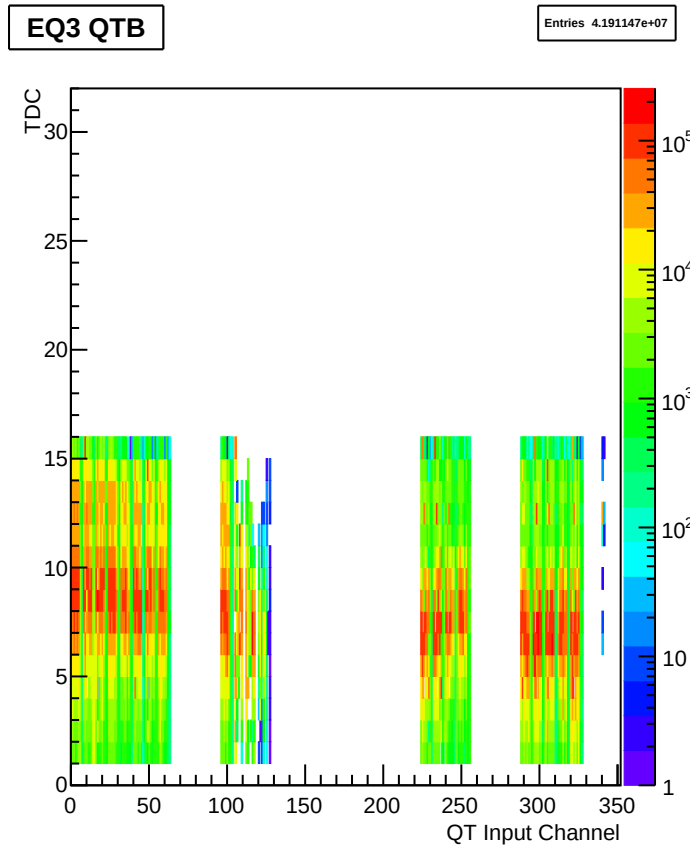

EQ2 QTB
Entries 1.585621e+08
ADC
QT Input Channel

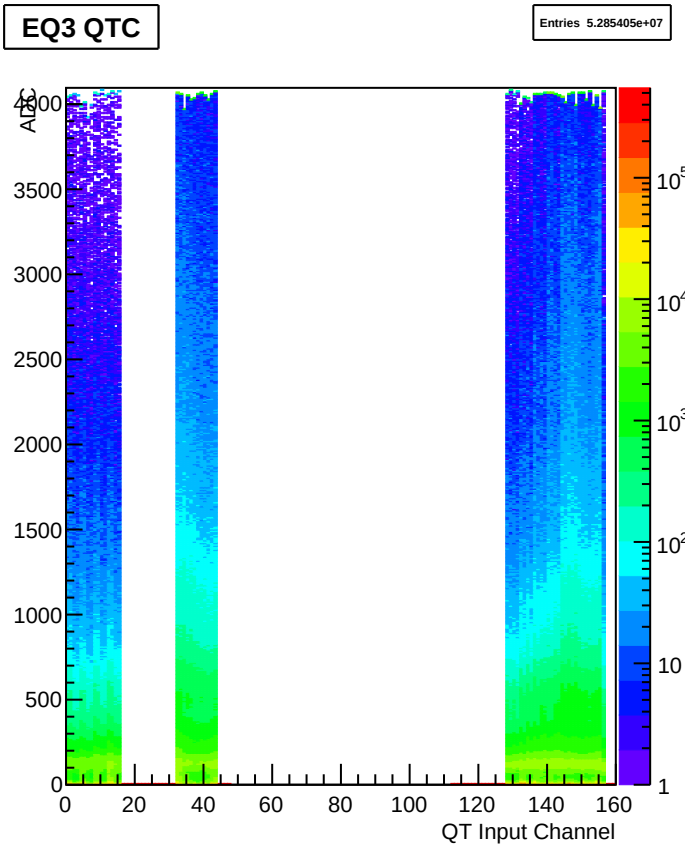

EQ2 QTB
Entries 4.210755e+07
TDC
QT Input Channel

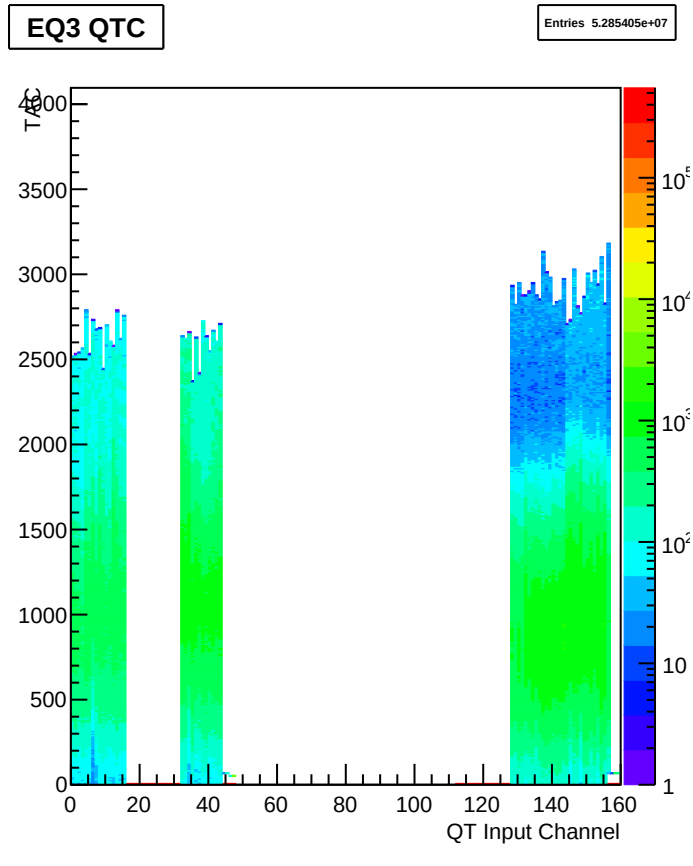

EQ2 QTC
Entries 5.285405e+07
ADC
QT Input Channel


EQ2 QTC
Entries 5.285405e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.409441e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.191147e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.285405e+07
ADC
QT Input Channel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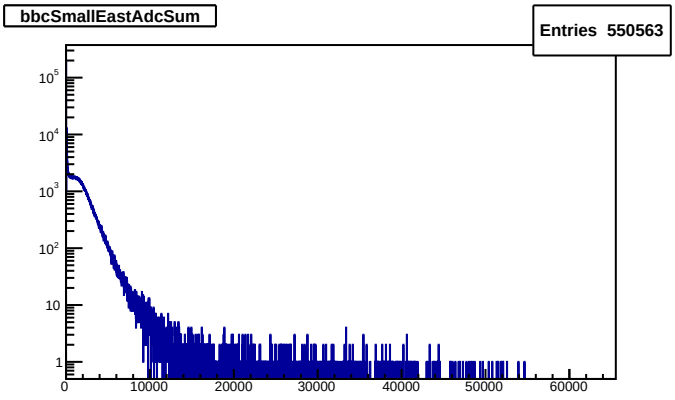
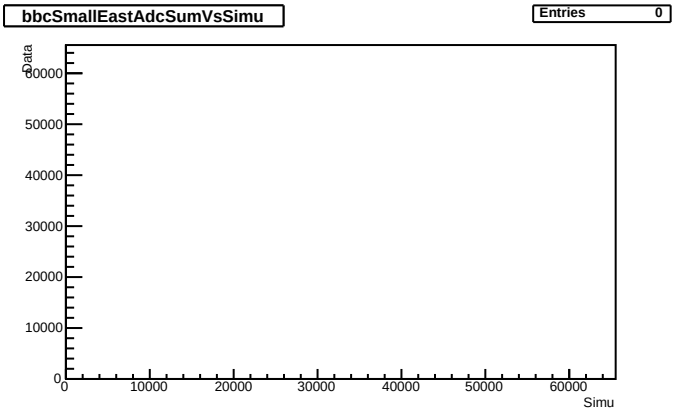
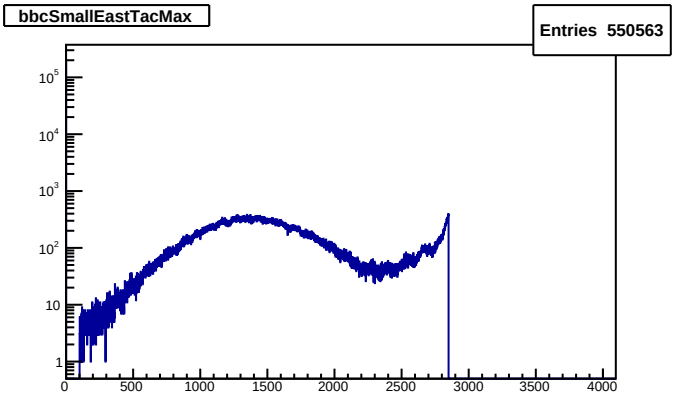
Entries 5.285405e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 550563


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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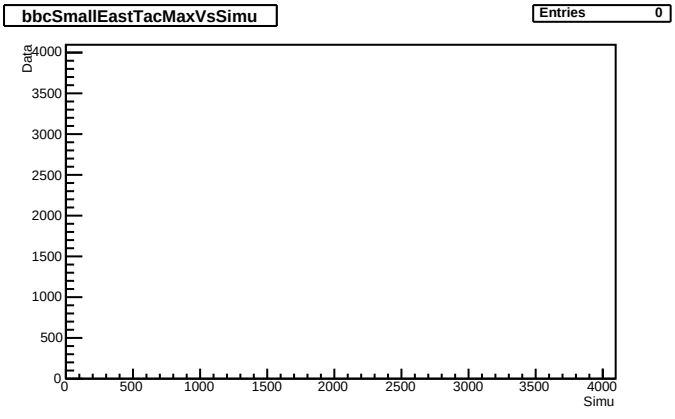
Entries 550563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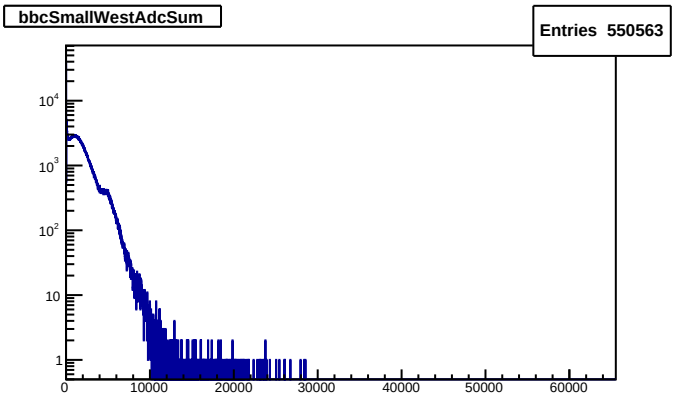
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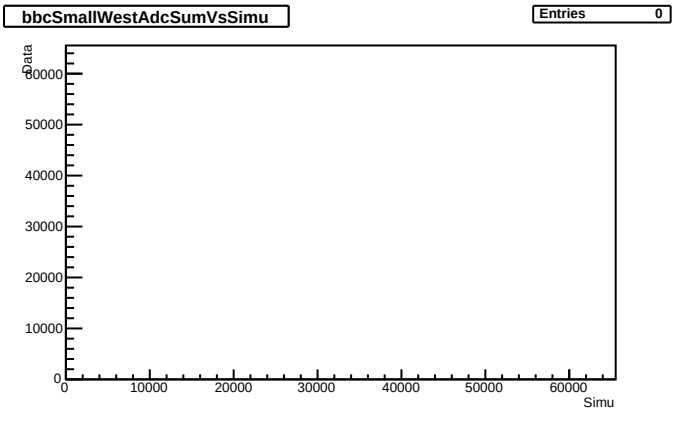
Entries 550563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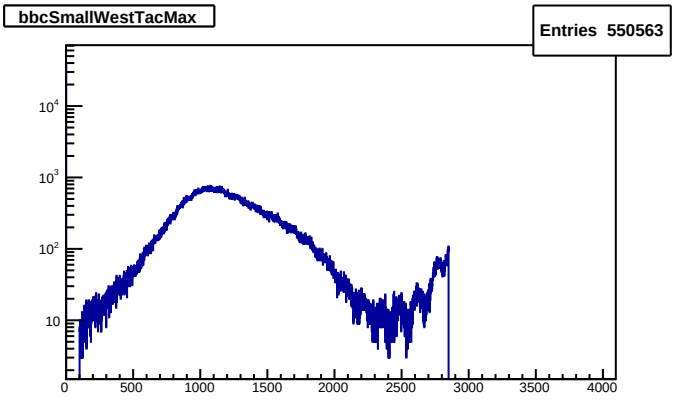
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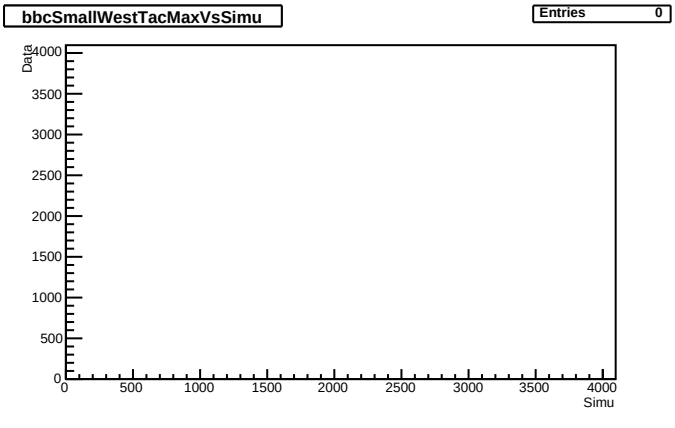
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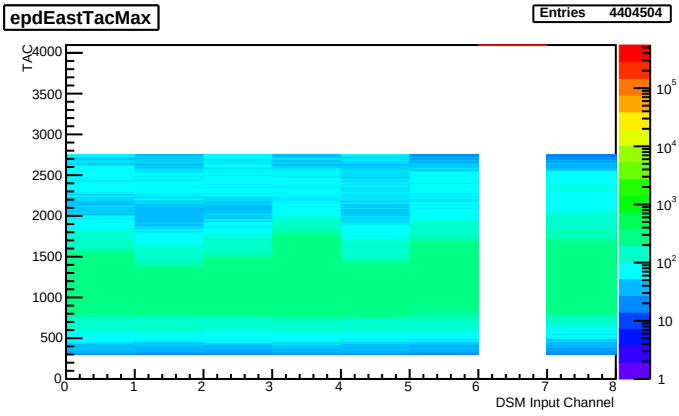
Simu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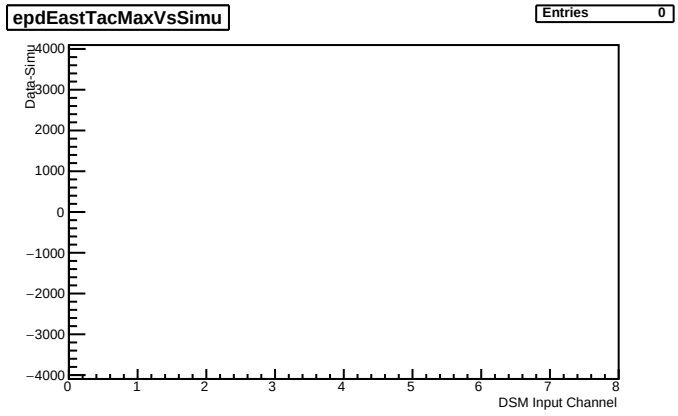
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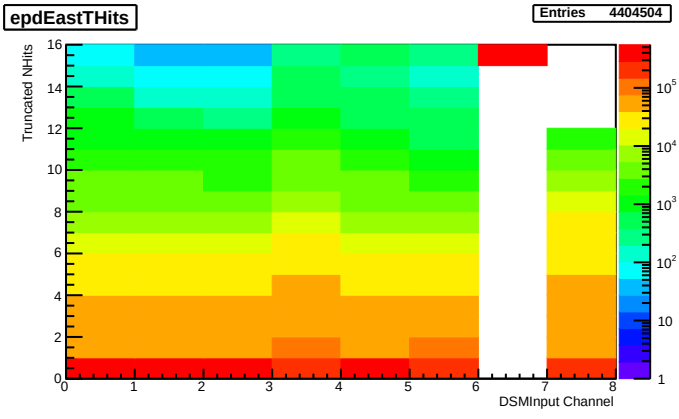
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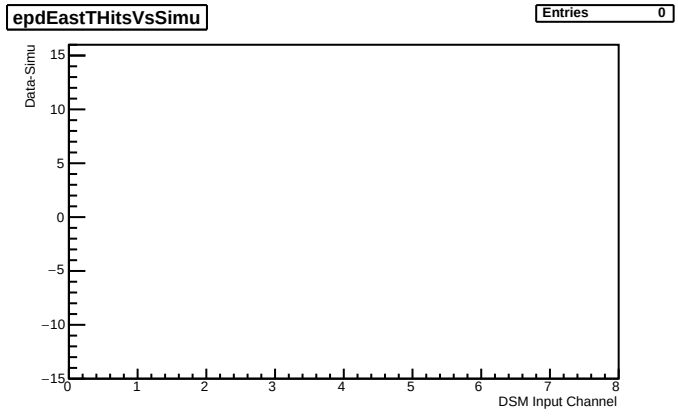
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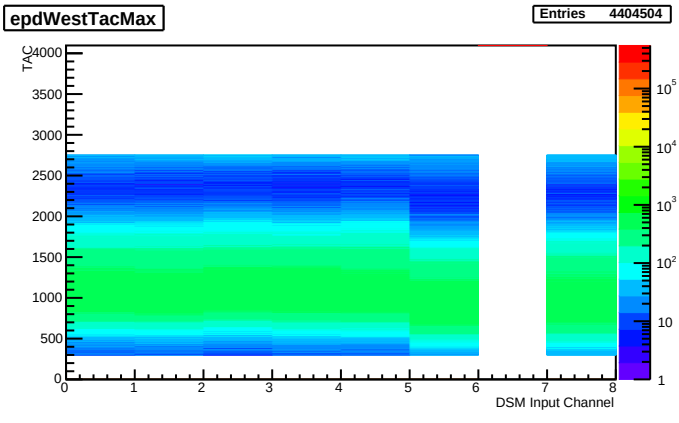
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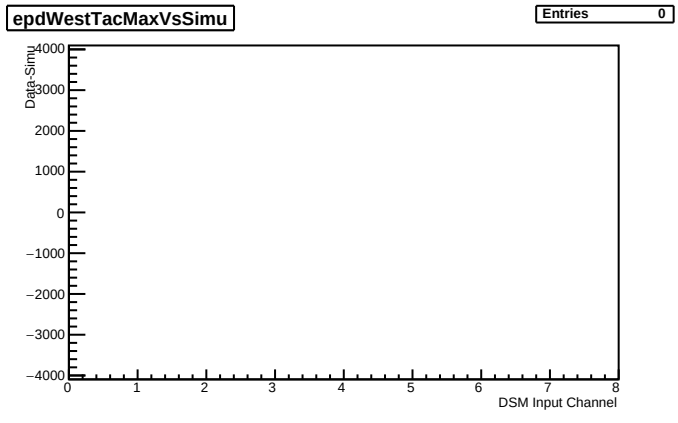
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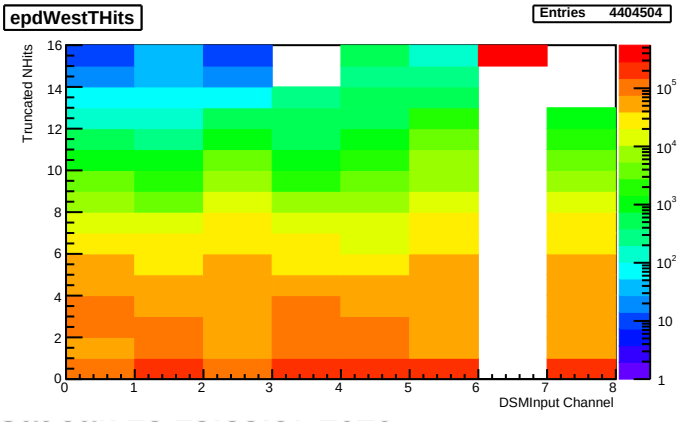
DSM Input Channel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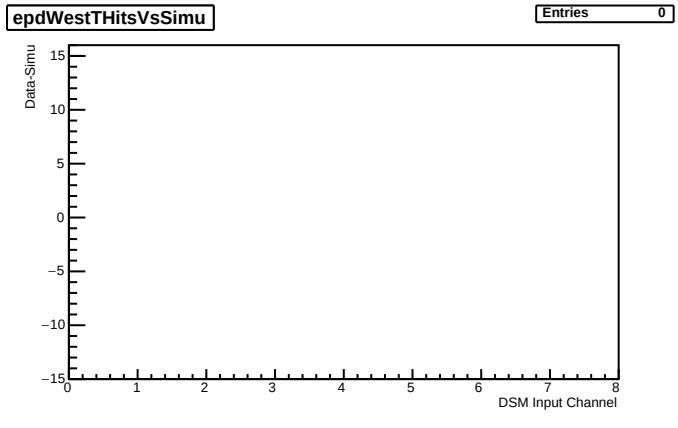
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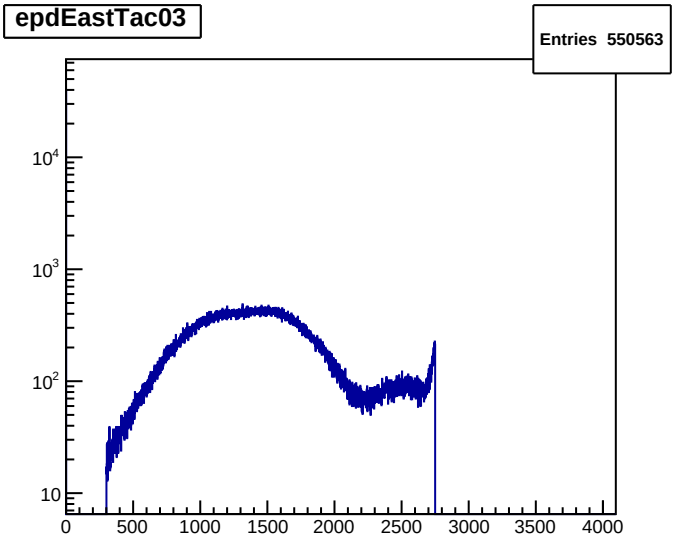
DSM Input Channel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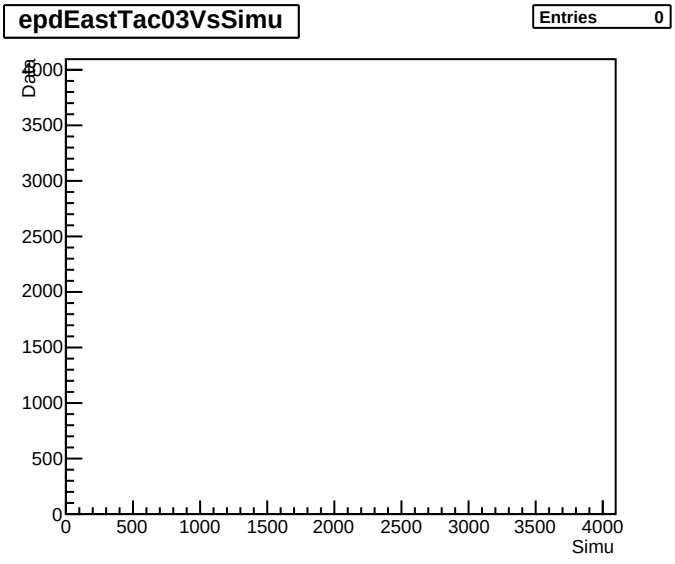
Entries 550563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Data
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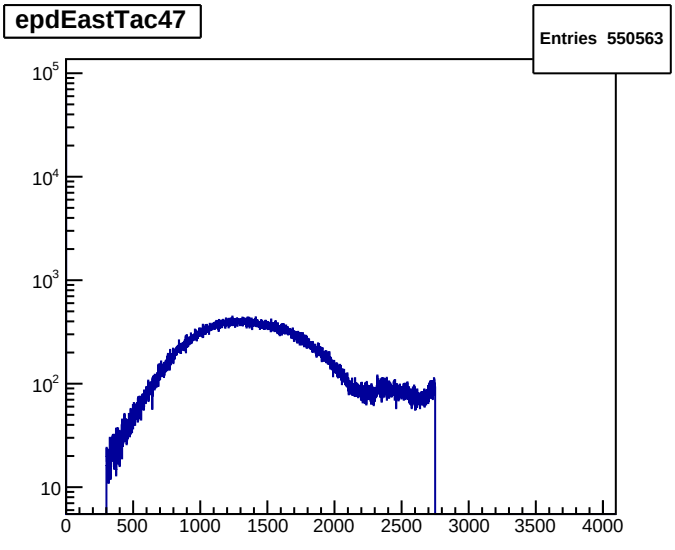
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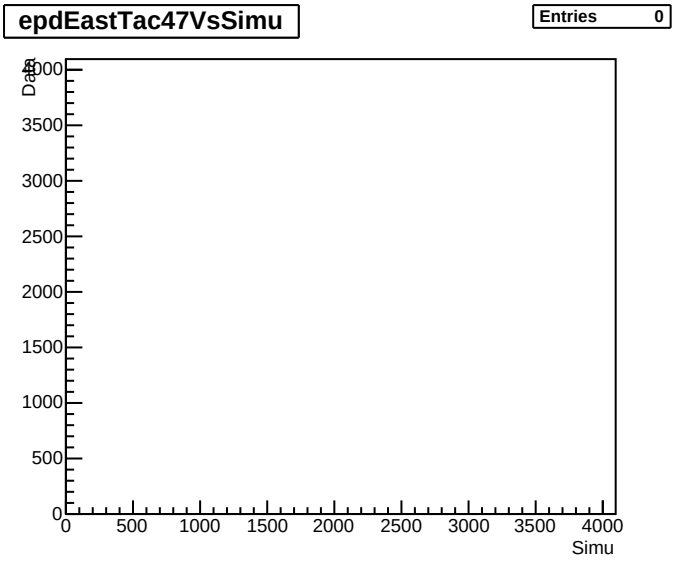
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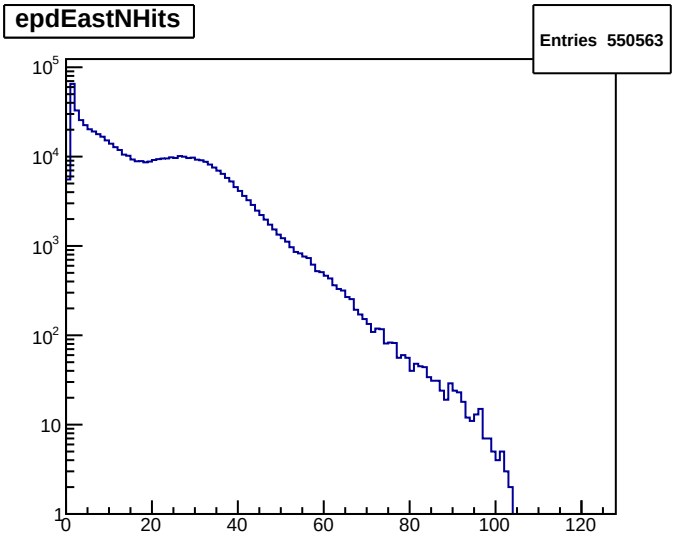
Entries 0
Data
Simu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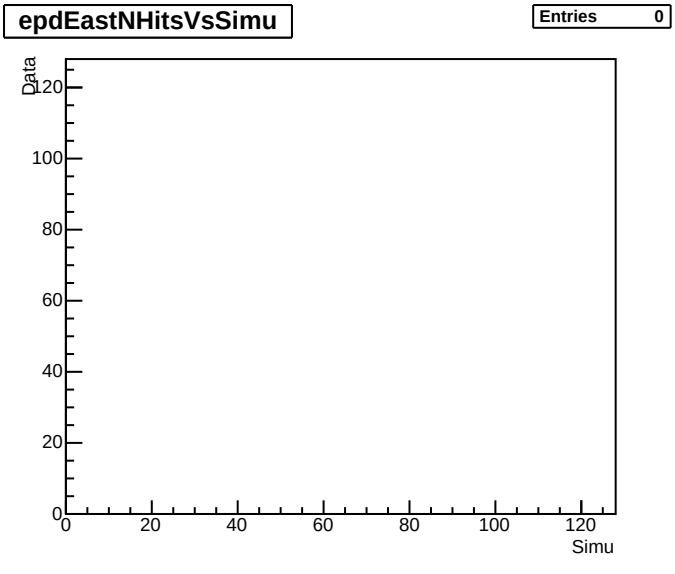
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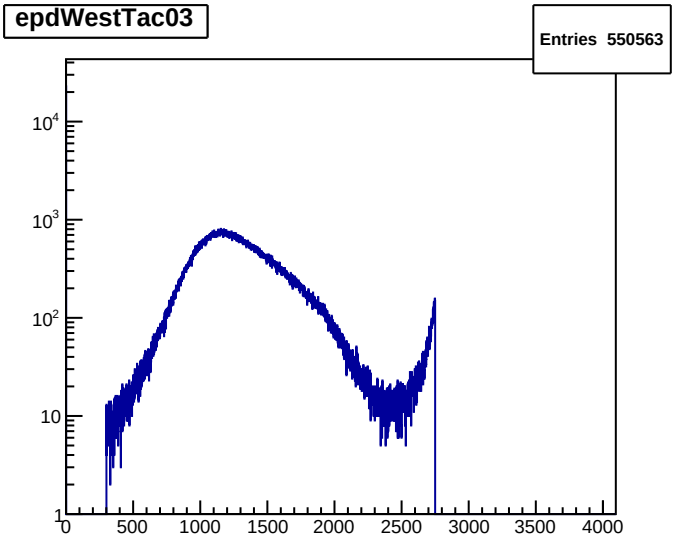
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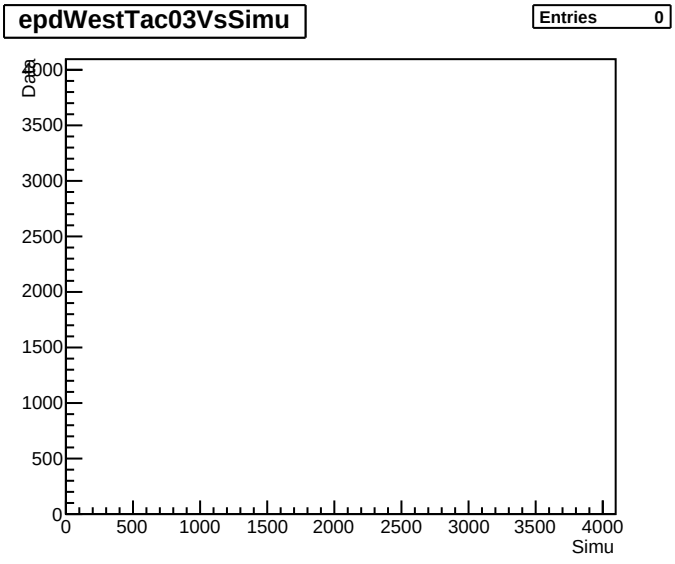
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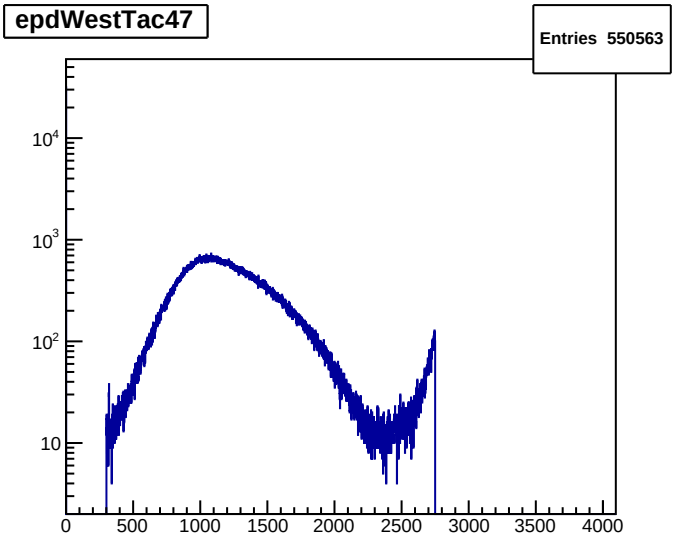
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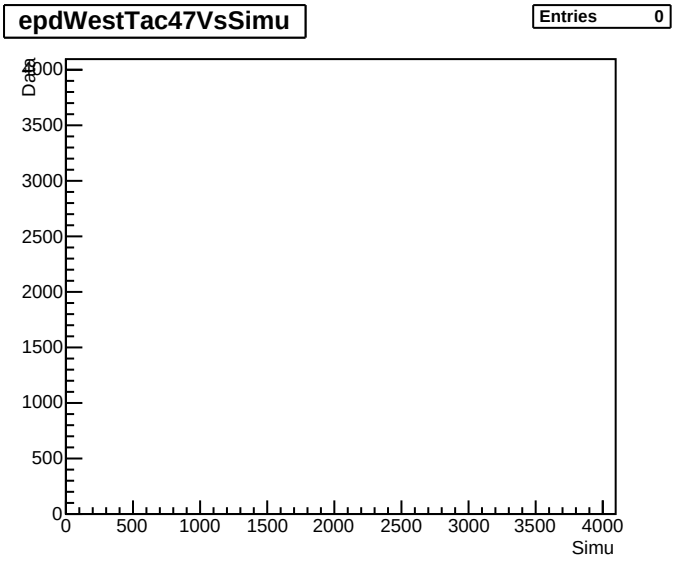
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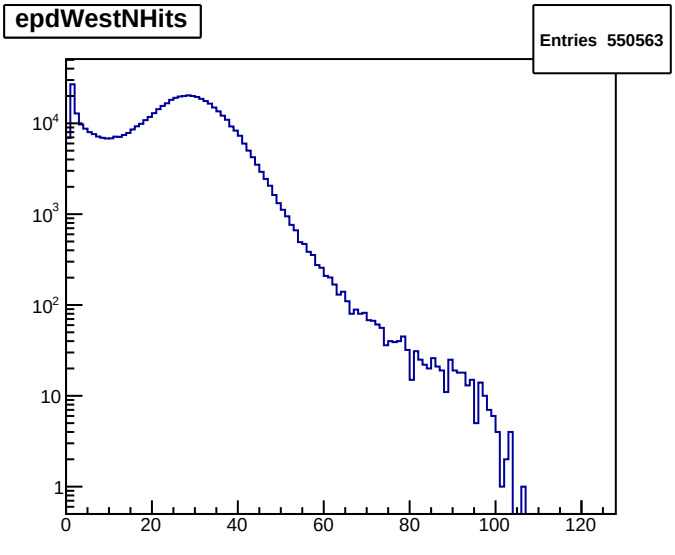
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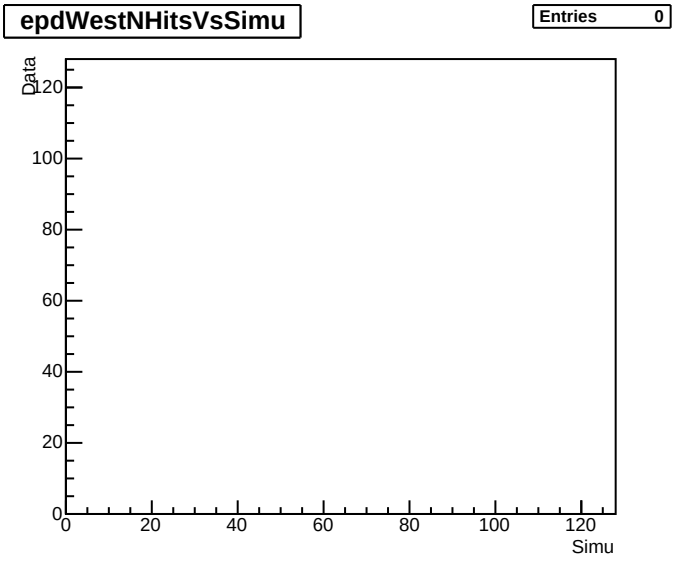
Entries 550563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Entries 0
Data
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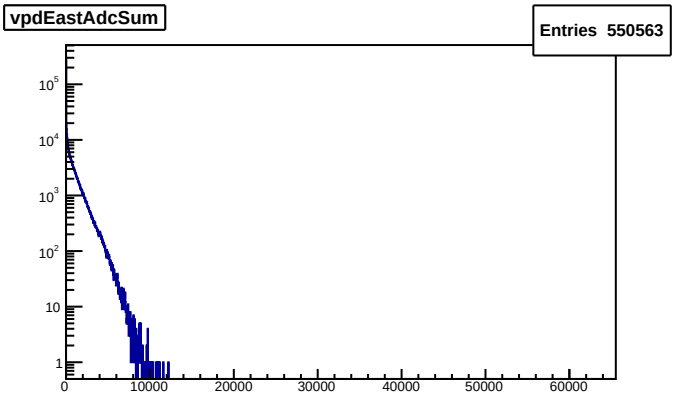
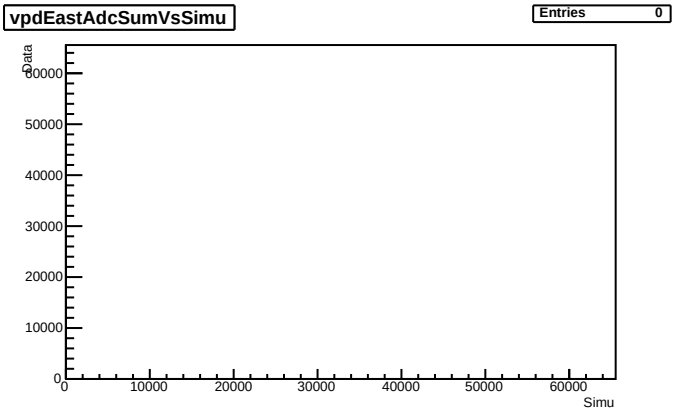

vpdEastAdcSum
Entries 550563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Entries 0
Data
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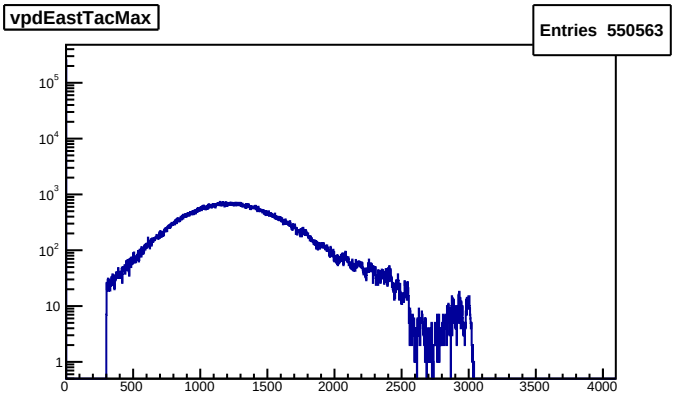
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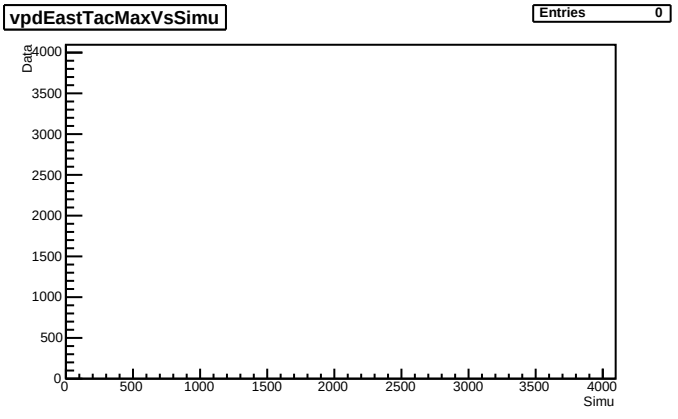
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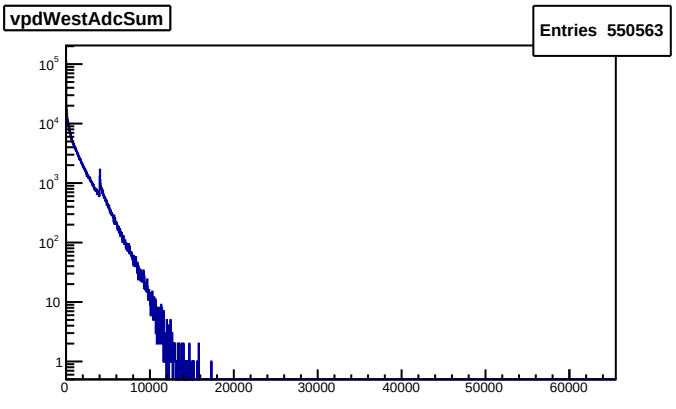
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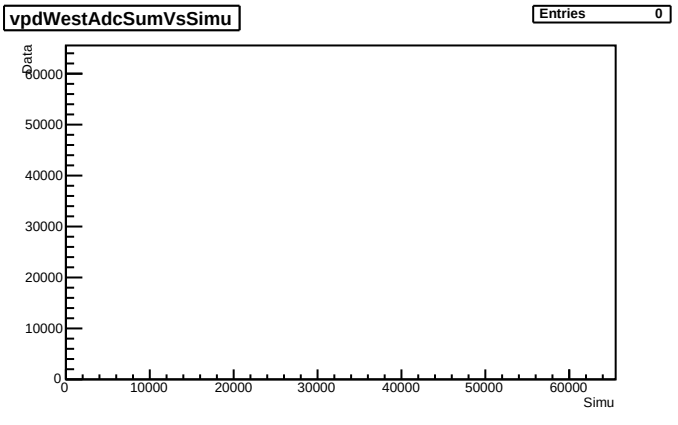
Entries 550563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Entries 0
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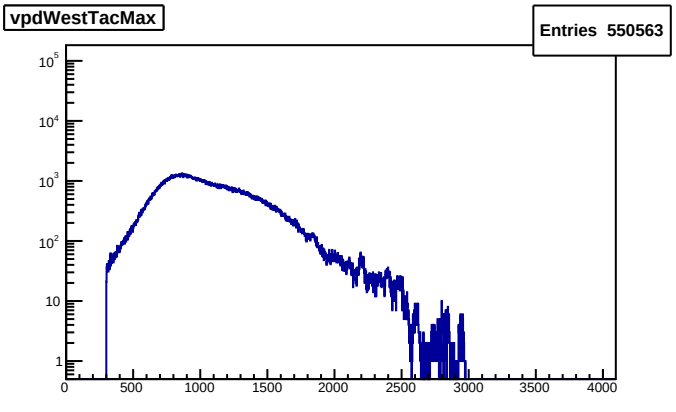
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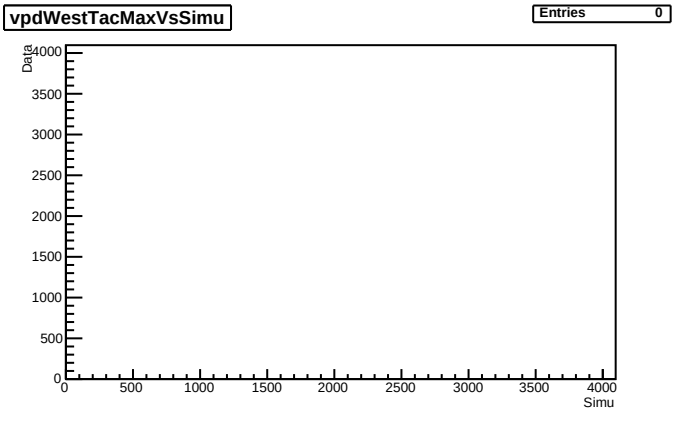
Entries 550563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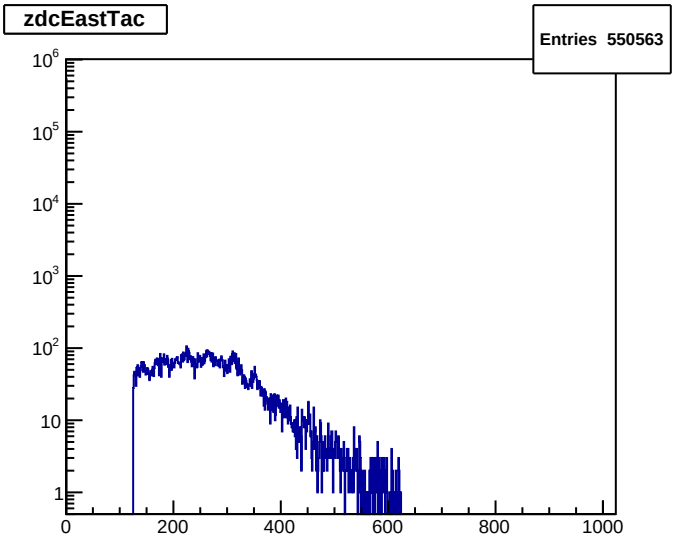
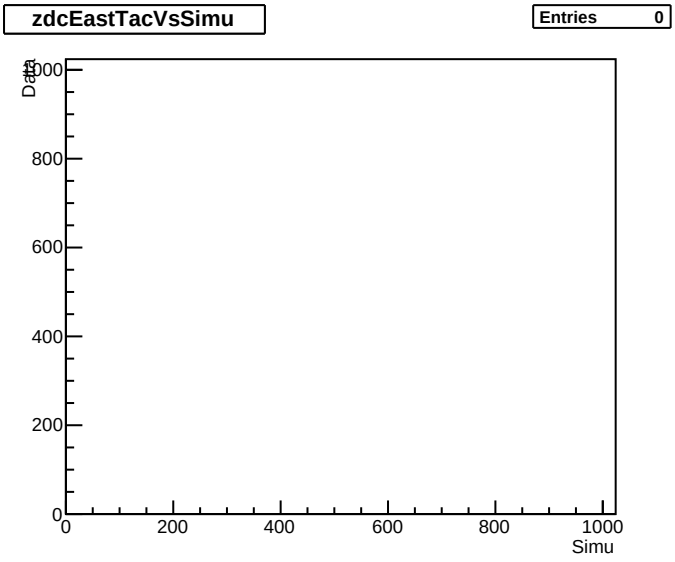
Entries 0
Data
Simu


zdcEastTac
Entries 550563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Entries 0
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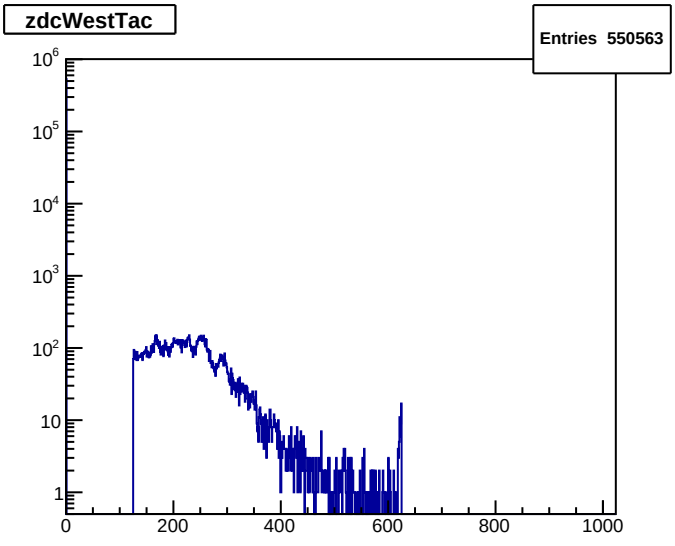
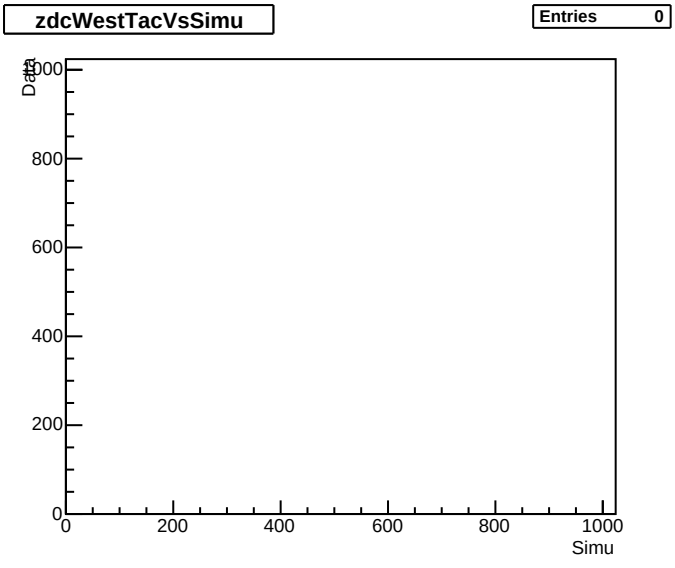
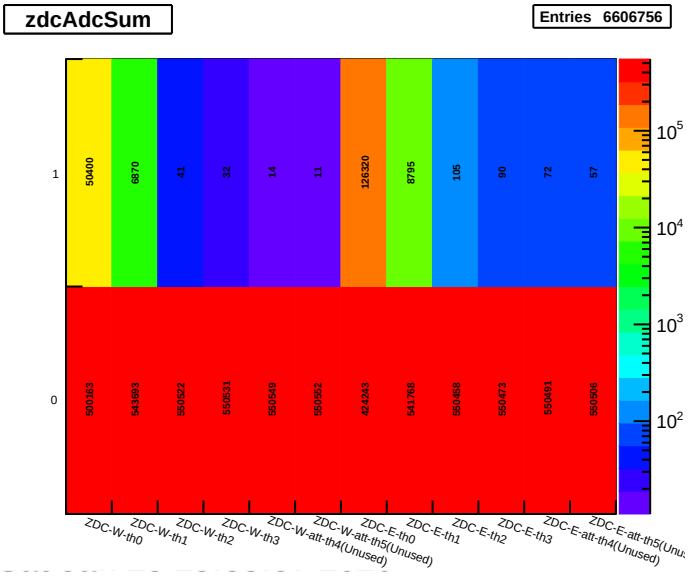

zdcWestTac
Entries 550563


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 6606756
50400
6870
41
32
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126320
8795
105
90
72
57
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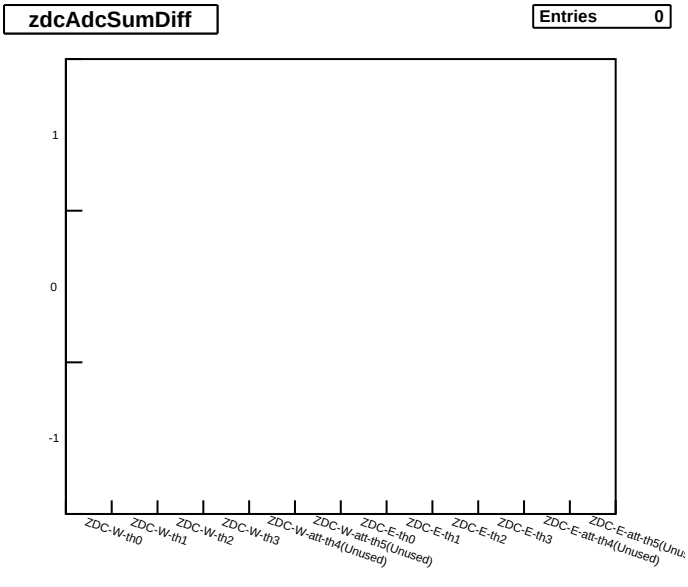
543693
550522
550531
550549
550552
424243
541768
550458
550473
550491
550506
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)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Entries 0
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ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
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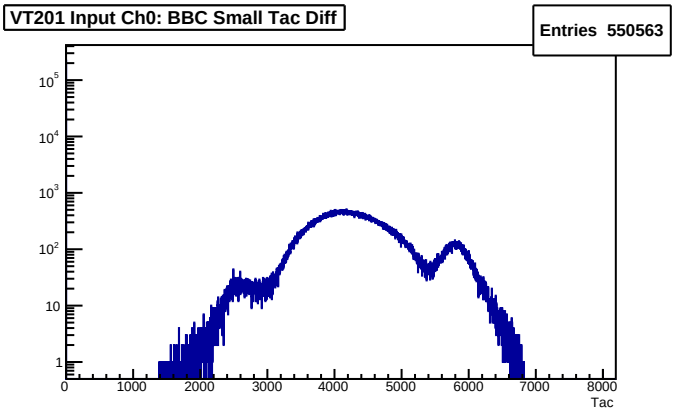
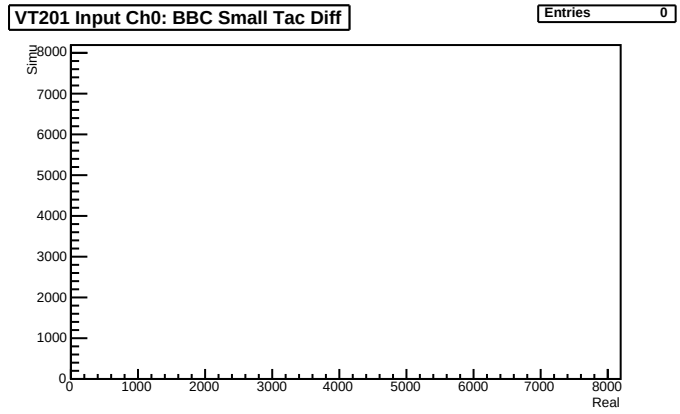
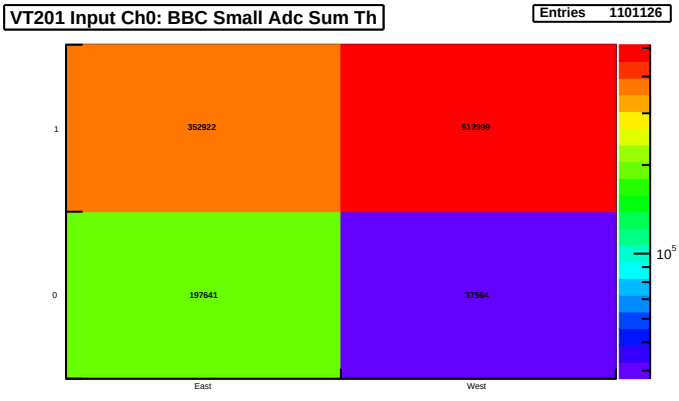
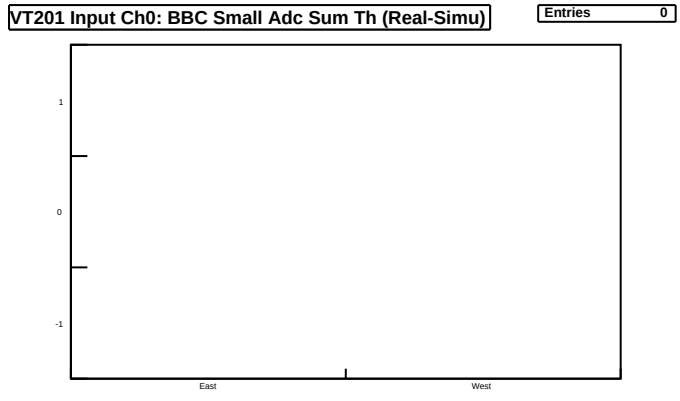
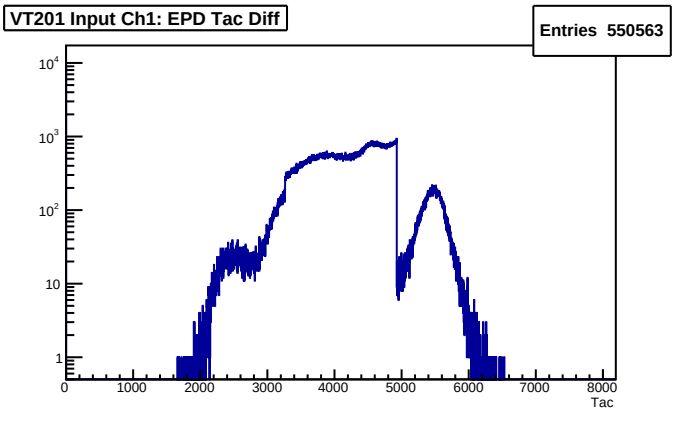
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

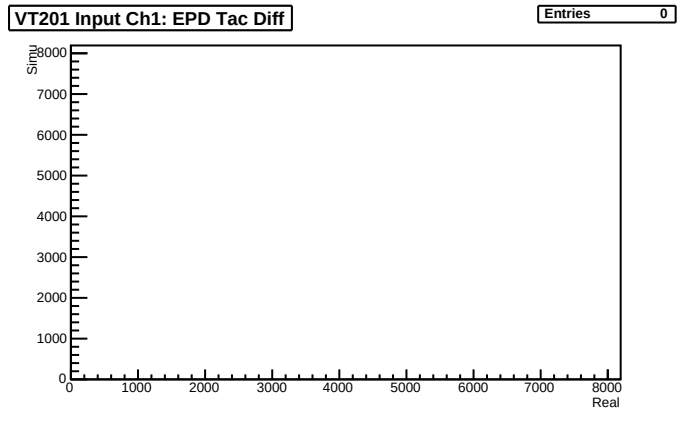

VT201 Input Ch0: BBC Small Tac Diff
Entries 550563
Tac

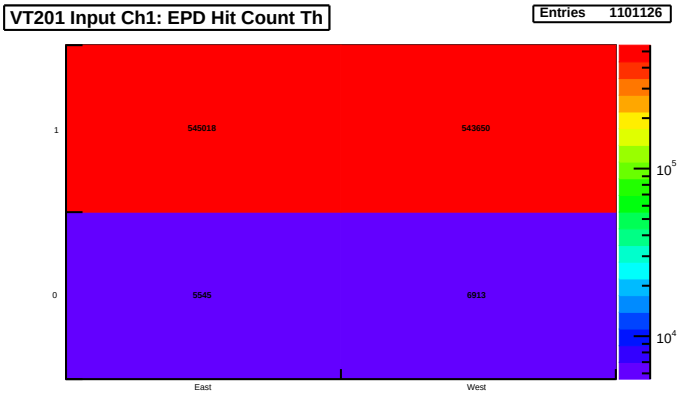

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

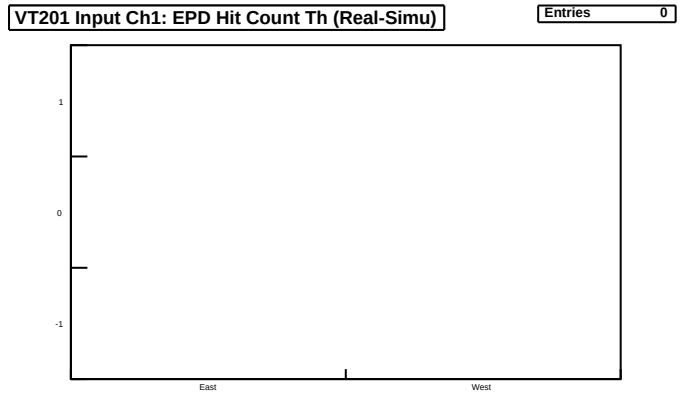

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1101126
352922
512999
197641
37564
East
West

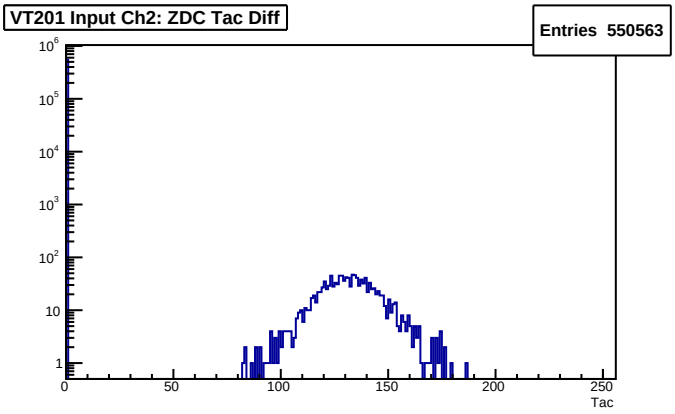

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

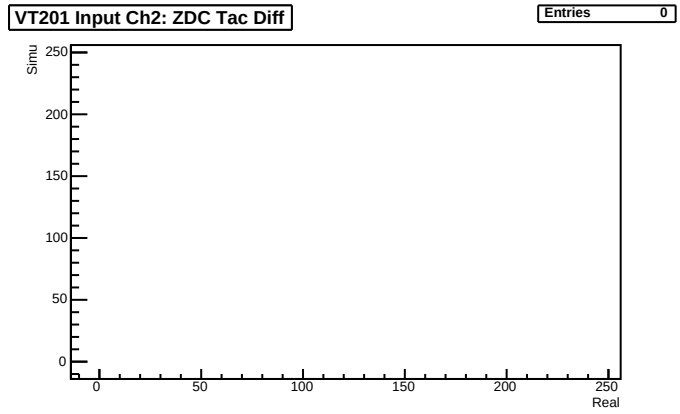

VT201 Input Ch1: EPD Tac Diff
Entries 550563
Tac

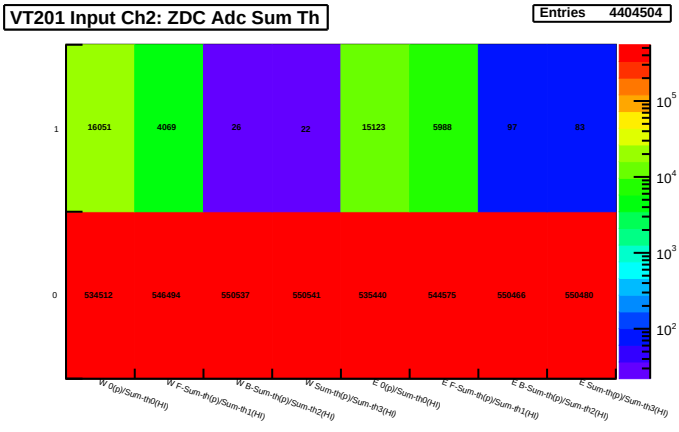

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

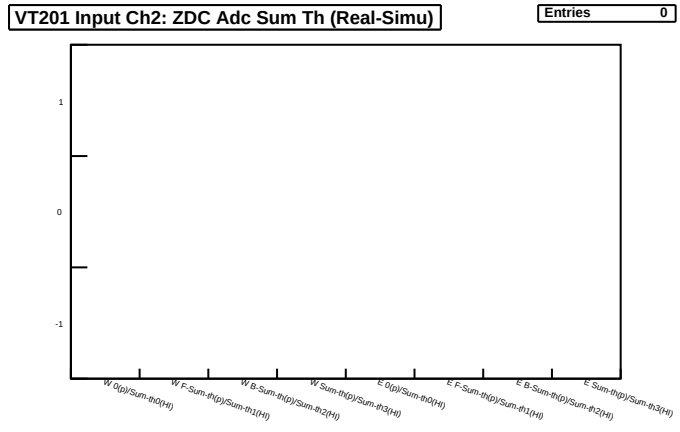

VT201 Input Ch1: EPD Hit Count Th
Entries 1101126
545018
543650
5545
6913
East
West

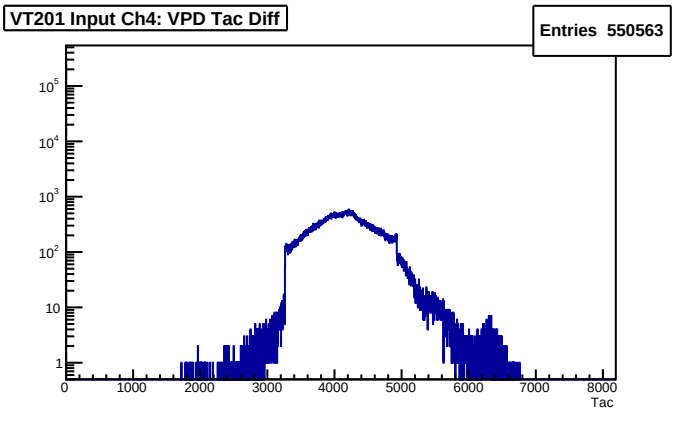

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

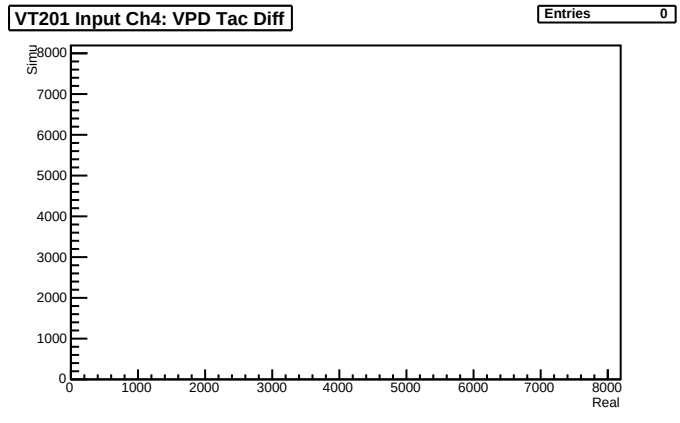

VT201 Input Ch2: ZDC Tac Diff
Entries 550563
Tac

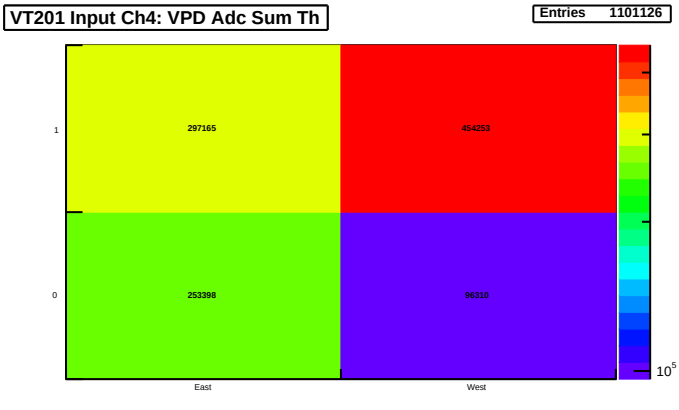

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

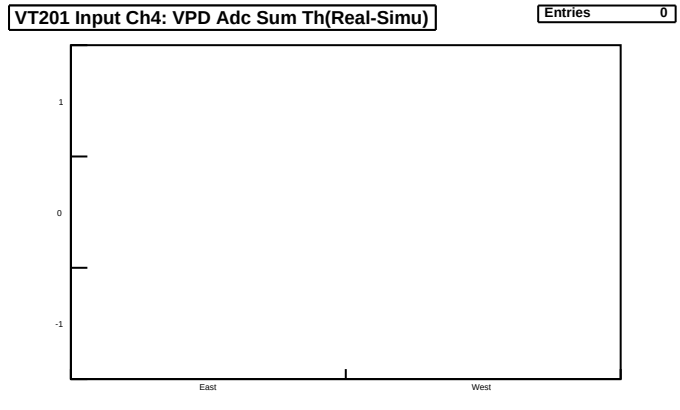

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4404504
16051
4069
26
22
15123
5988
97
83
534512
546494
550537
550541
535440
544575
550466
550480
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

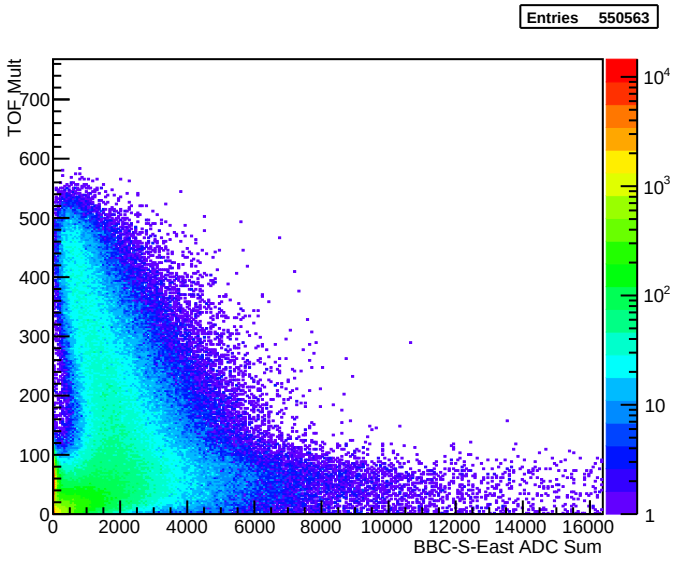

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

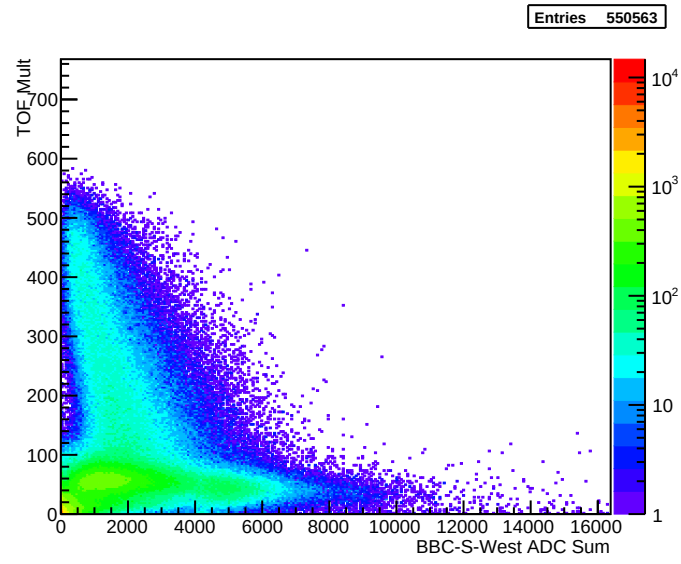

VT201 Input Ch4: VPD Tac Diff
Entries 550563
Tac

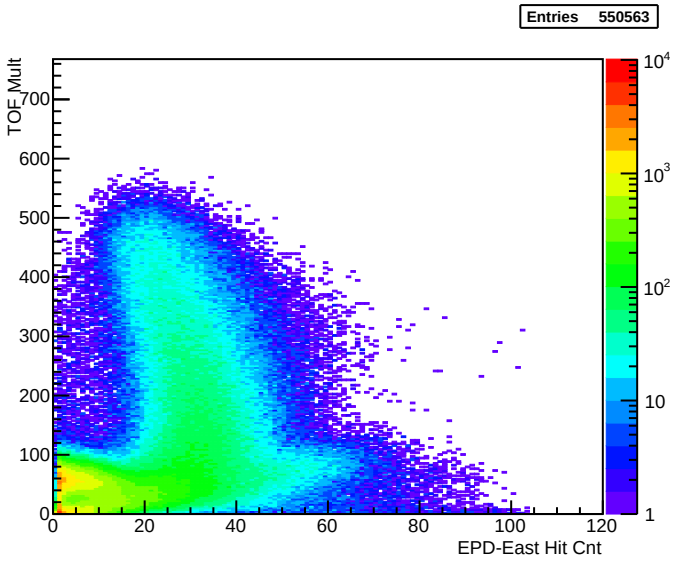

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

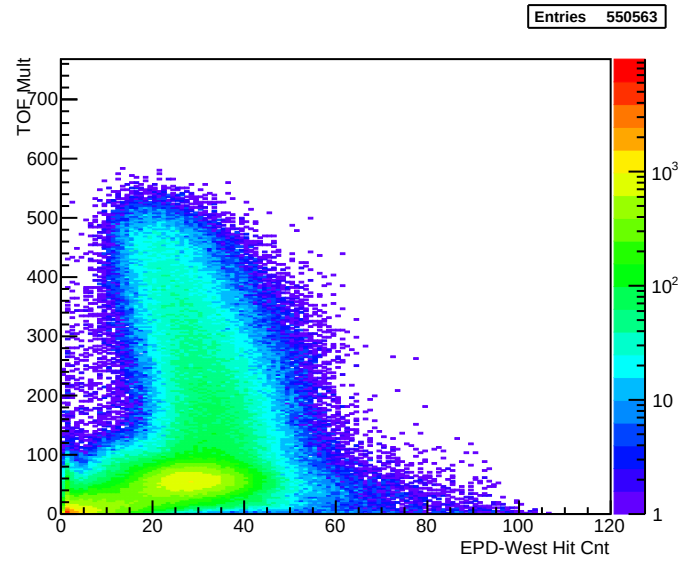

VT201 Input Ch4: VPD Adc Sum Th
Entries 1101126
297165
454253
253398
96310
East
West

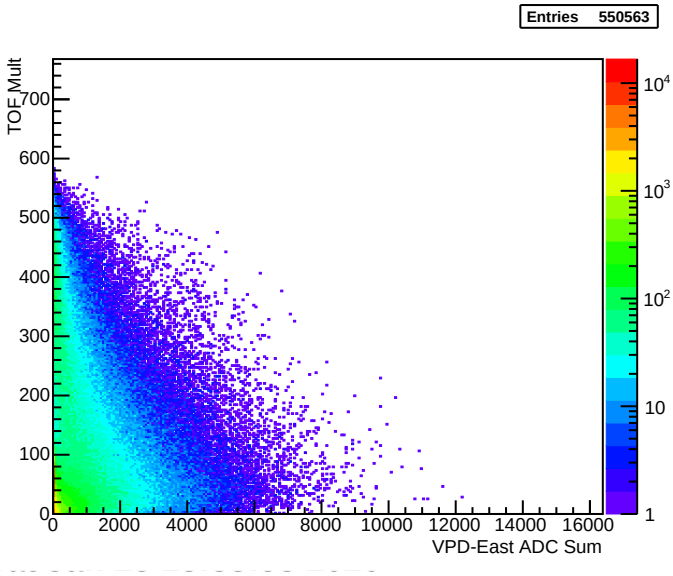

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

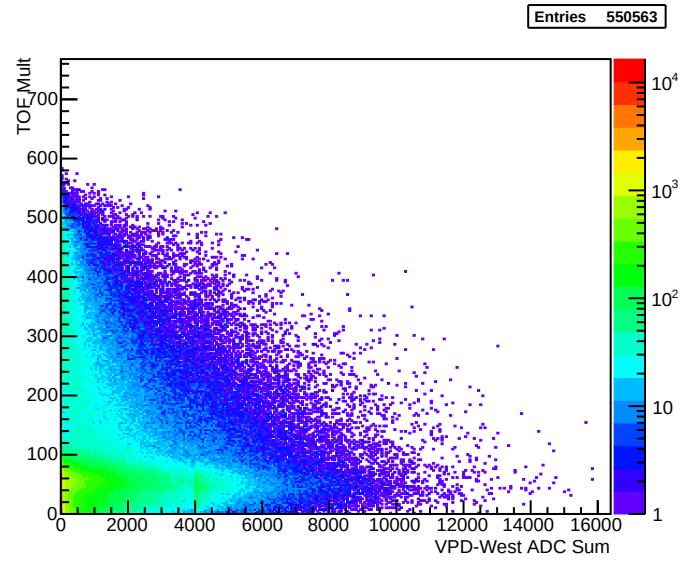

Entries 550563
TOF_Mult
BBC-S-East ADC Sum

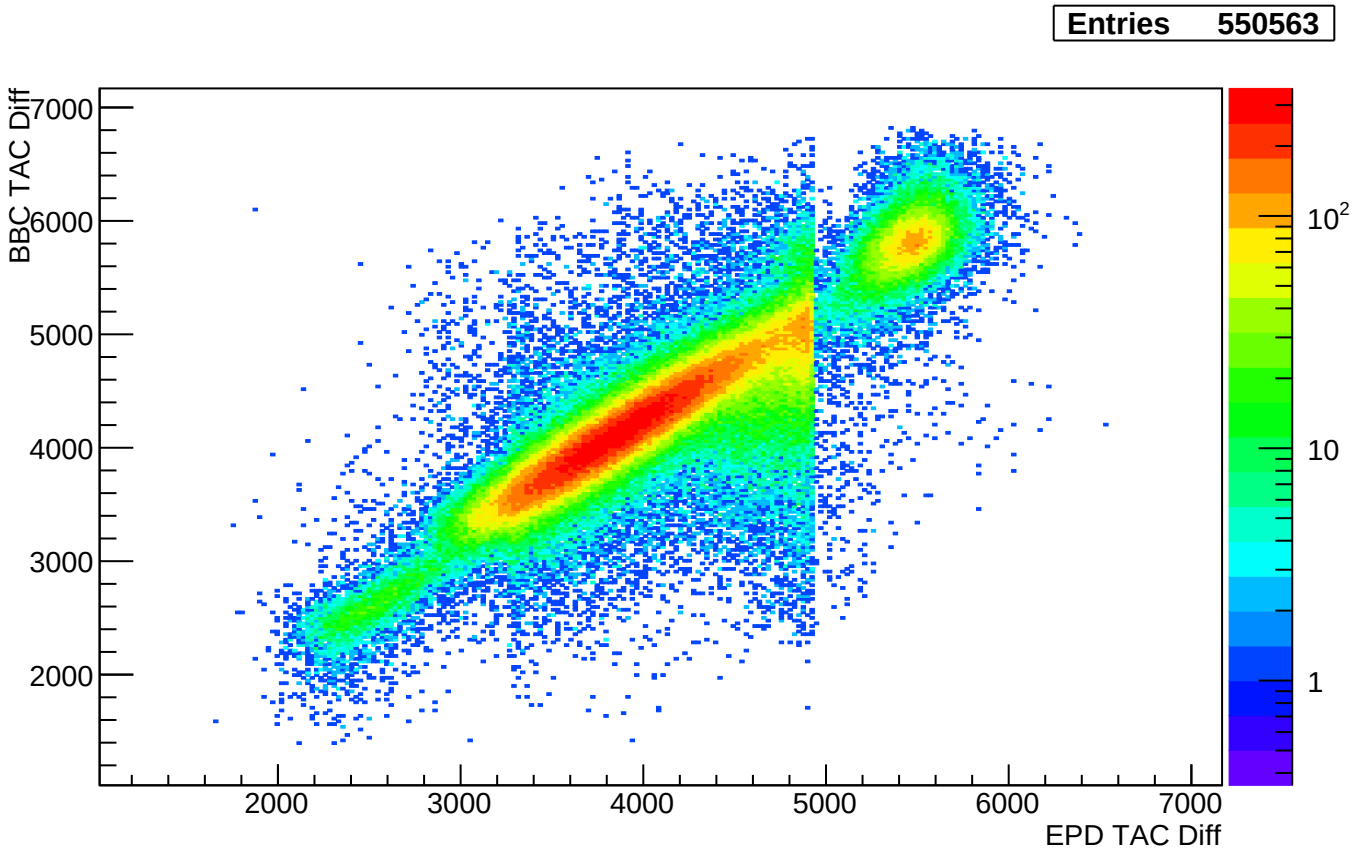

Entries 550563
TOF_Mult
BBC-S-West ADC Sum

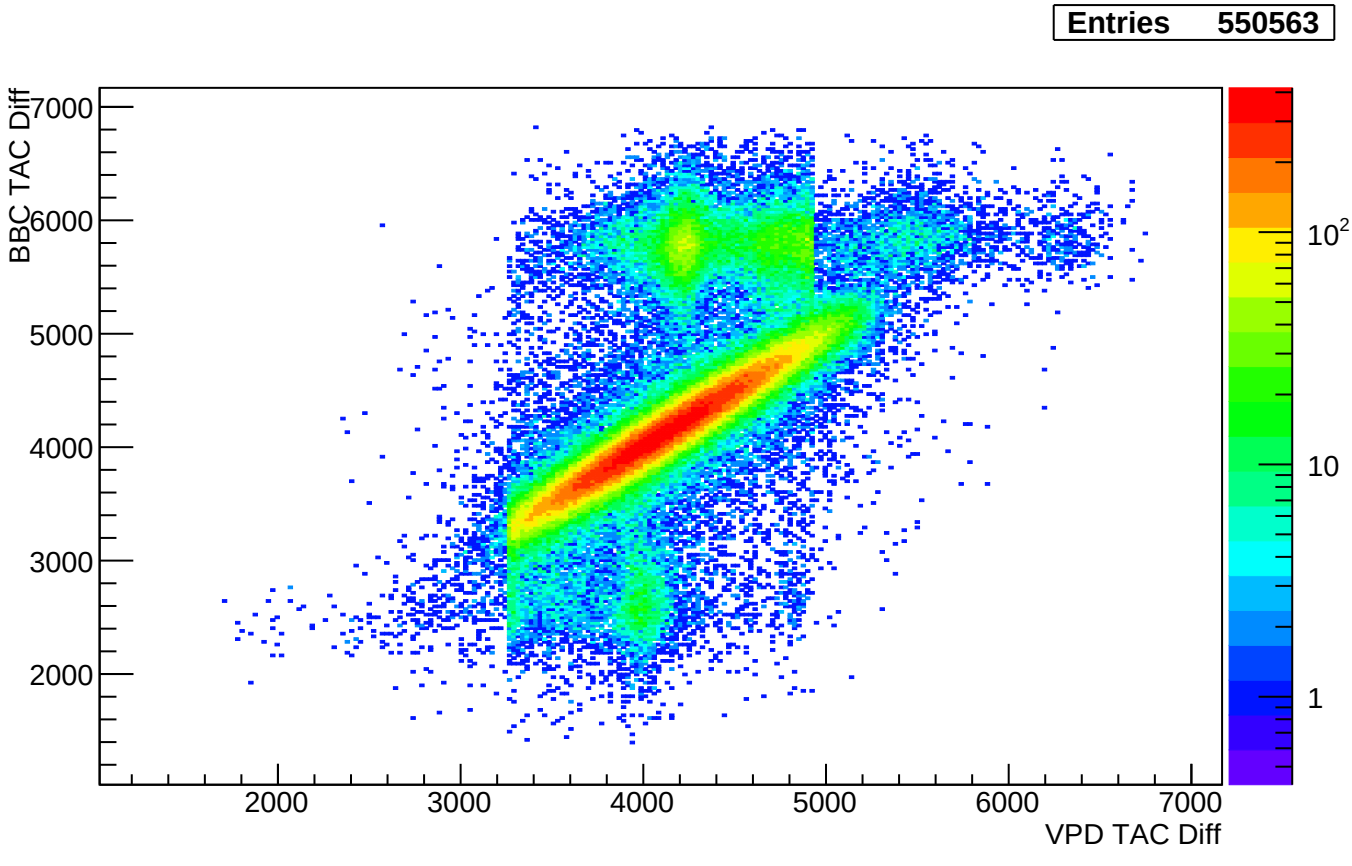

Entries 550563
TOF_Mult
EPD-East Hit Cnt

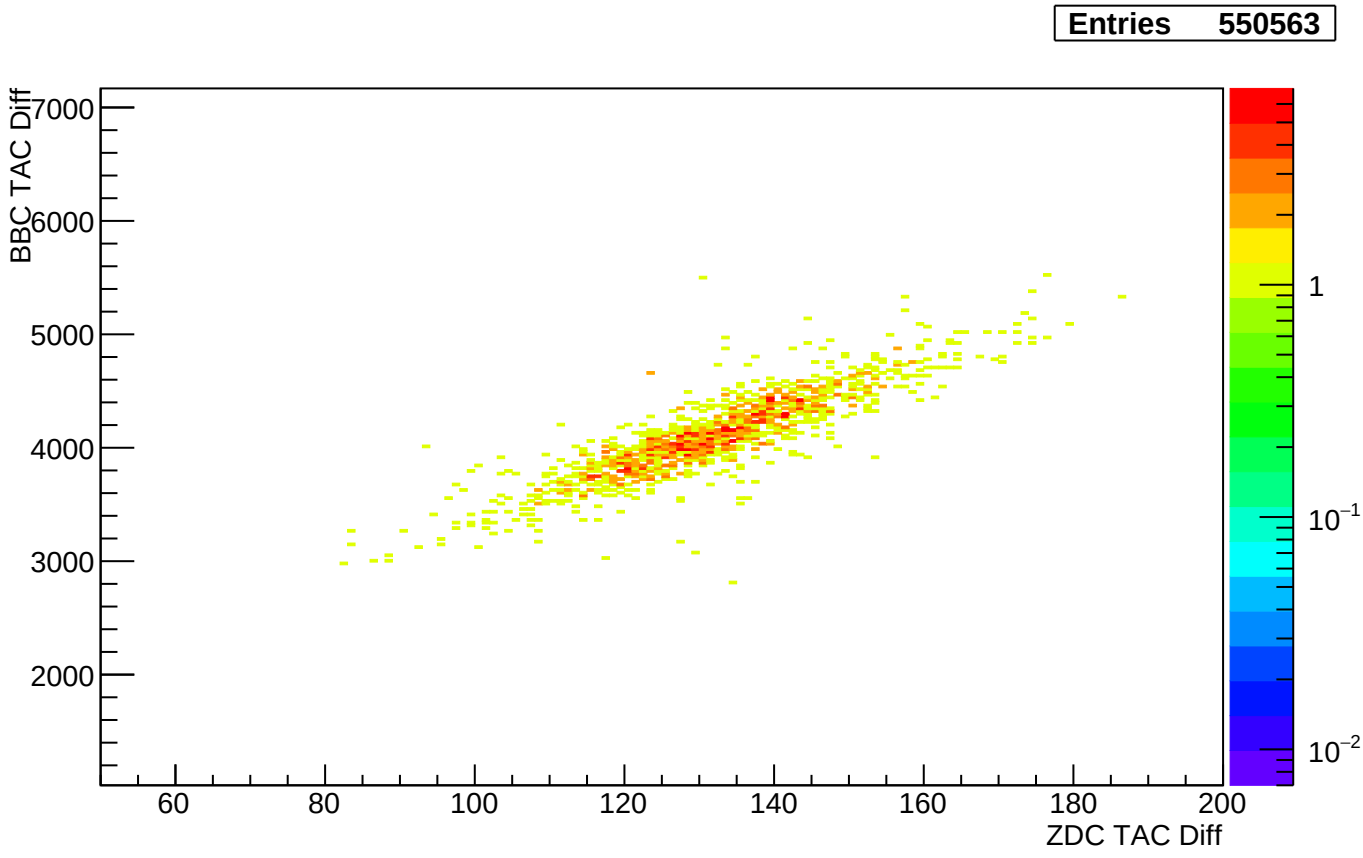

Entries 550563
TOF_Mult
EPD-West Hit Cnt

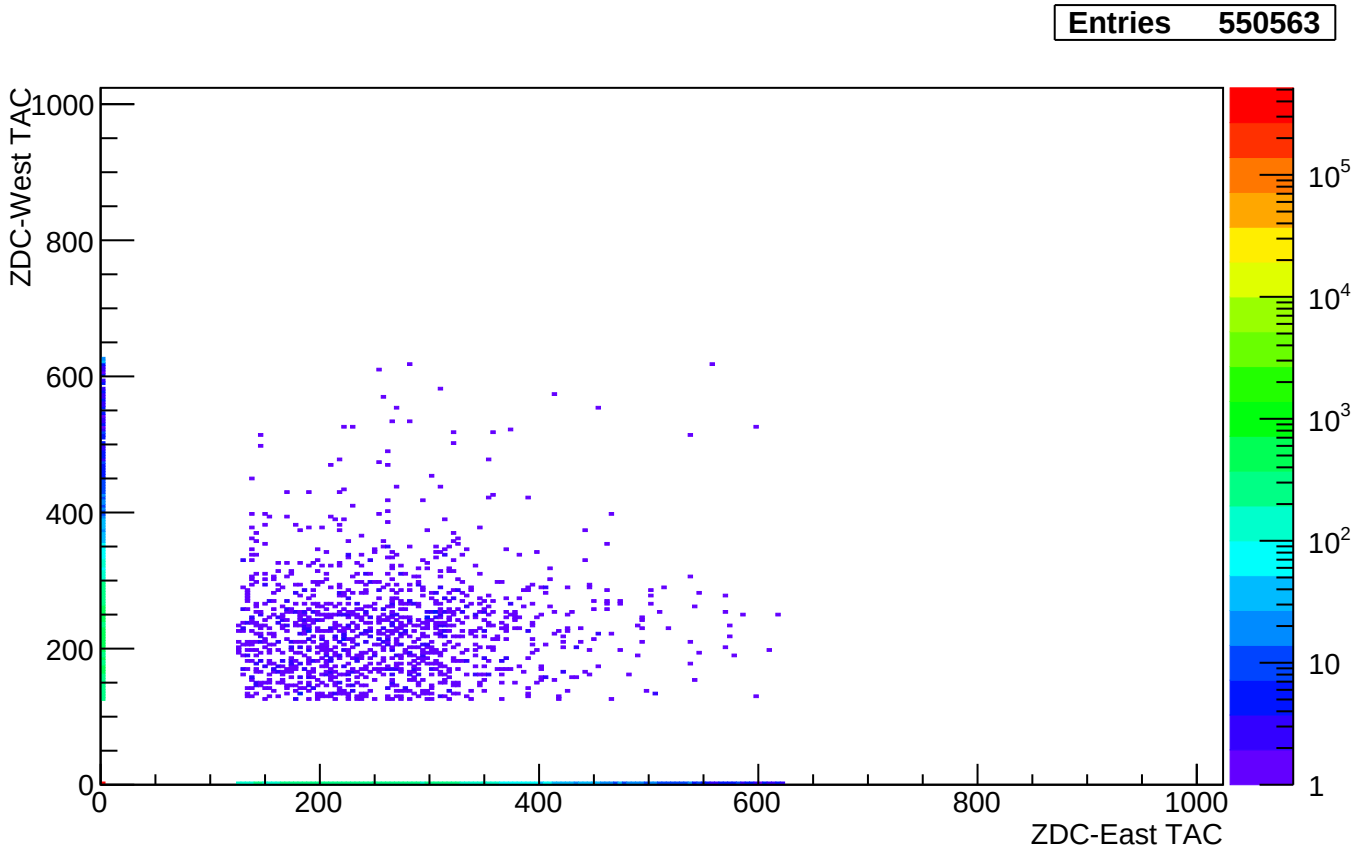

Entries 550563
TOF_Mult
VPD-East ADC Sum

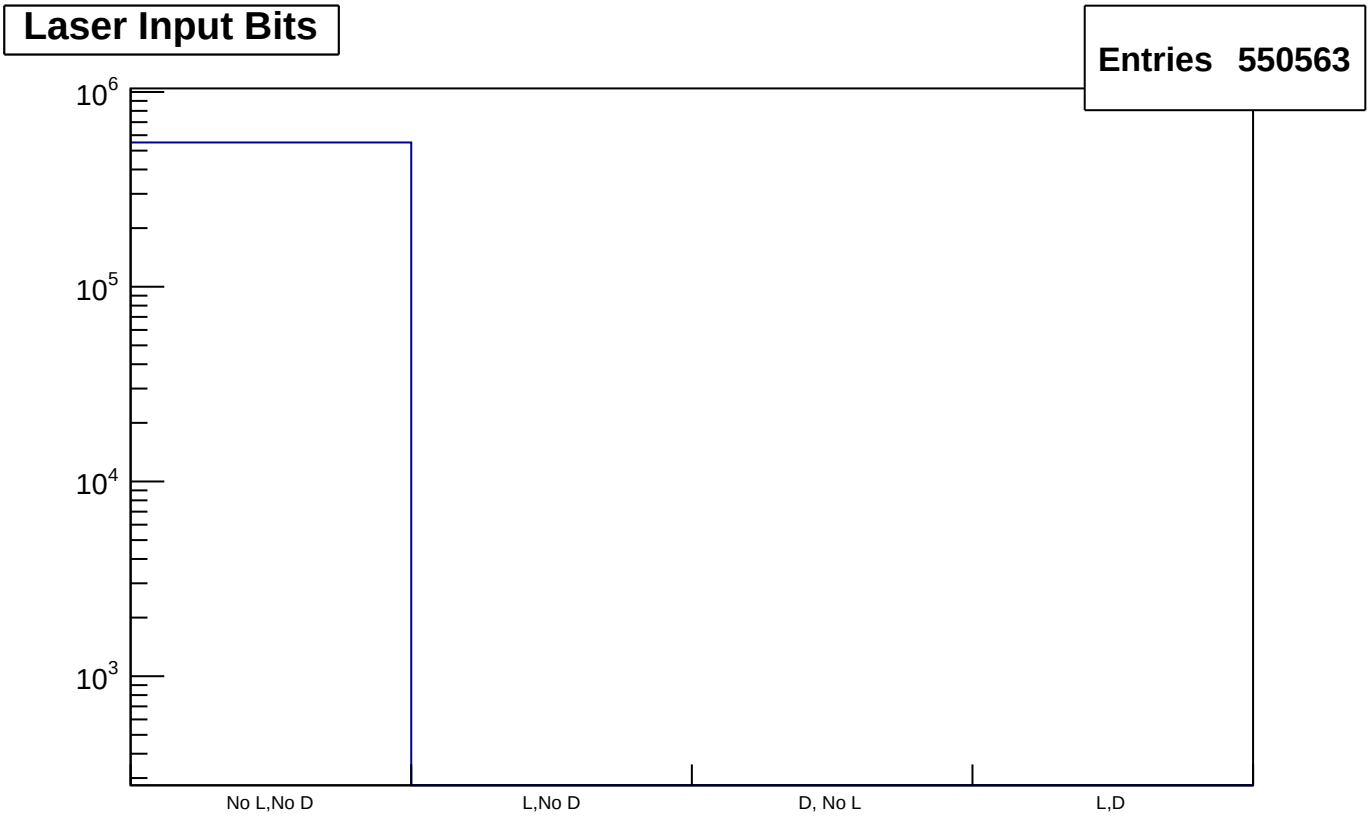

Entries 550563
TOF_Mult
VPD-West ADC Sum

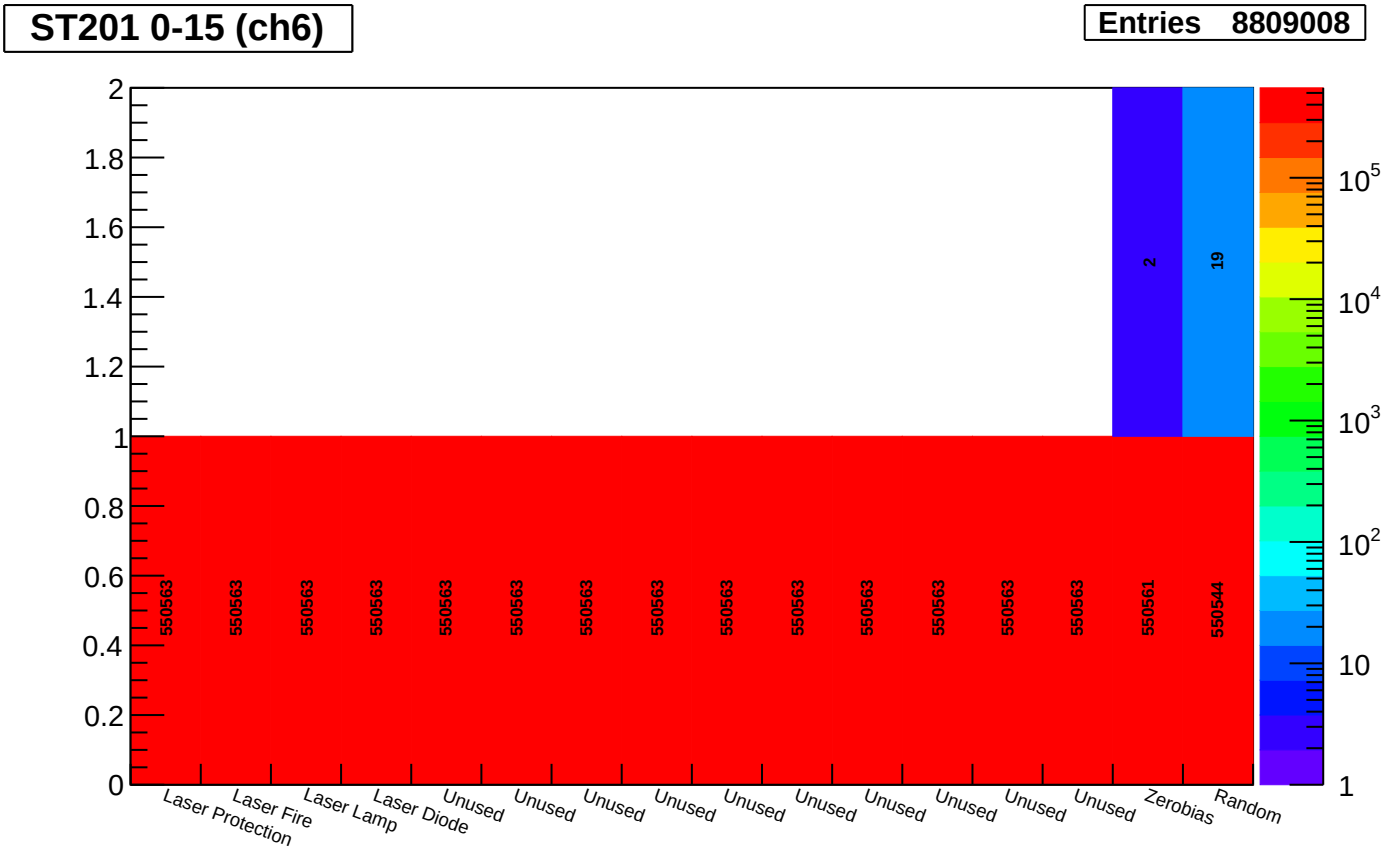

Entries 550563
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

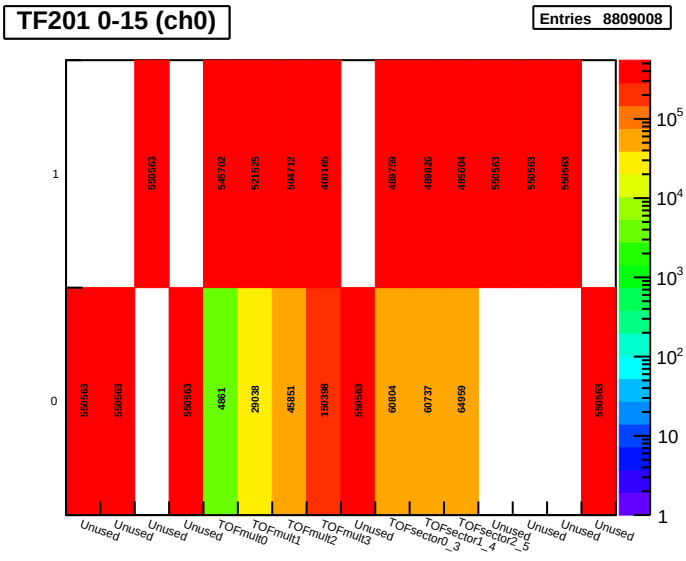

Entries 550563
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

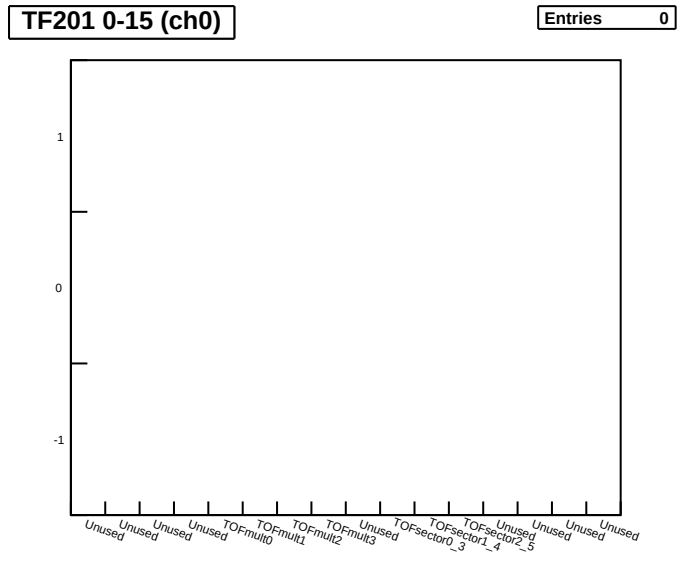

Entries 550563
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

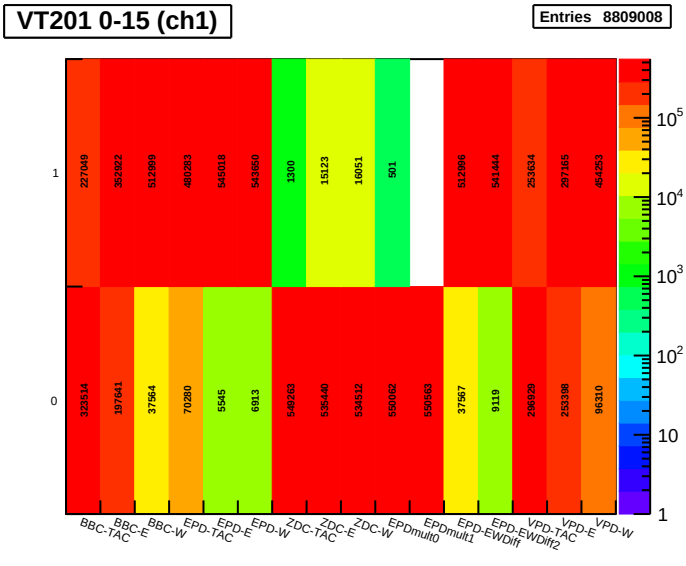

Entries 550563
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

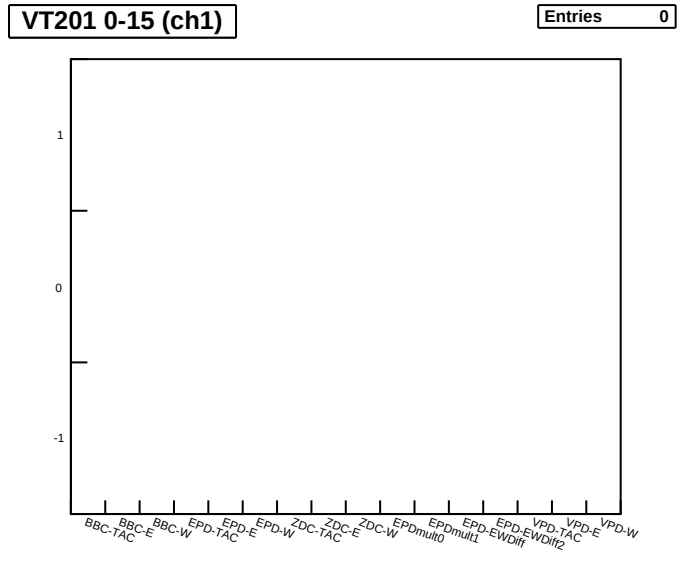

Laser Input Bits
Entries 550563
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

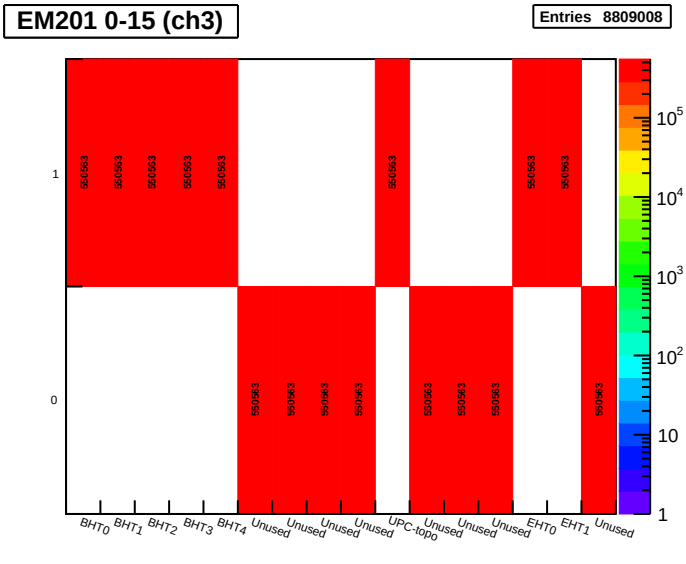

ST201 0-15 (ch6)
Entries 8809008
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
550563
550563
550563
550563
550563
550563
550563
550563
550563
550563
550563
550563
550563
550563
550561
550544
2
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

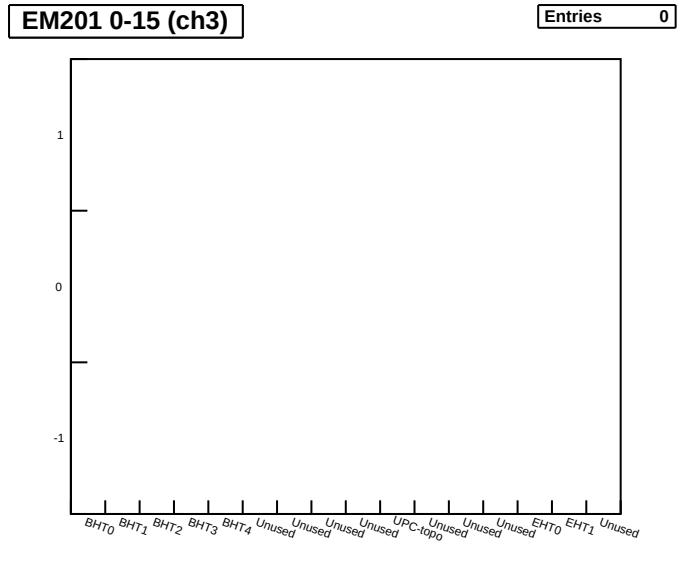

TF201 0-15 (ch0)
Entries 8809008
1
0
550563
546702
521525
504712
490165
489759
489826
485604
550563
550563
550563
550563
550563
4861
29038
45951
150398
550563
60804
60737
64959
550563
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 8809008
1
0
227049
352922
512999
480283
545018
543850
1300
15123
16051
901
512996
541444
253634
297165
454253
323514
197641
37564
70280
5545
6913
548263
538440
534512
550062
550563
37567
9119
236929
233398
96310
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 8809008
1
0
550563
550563
550563
550563
550563
550563
550563
550563
550563
550563
550563
550563
550563
550563
550563
550563
550563
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