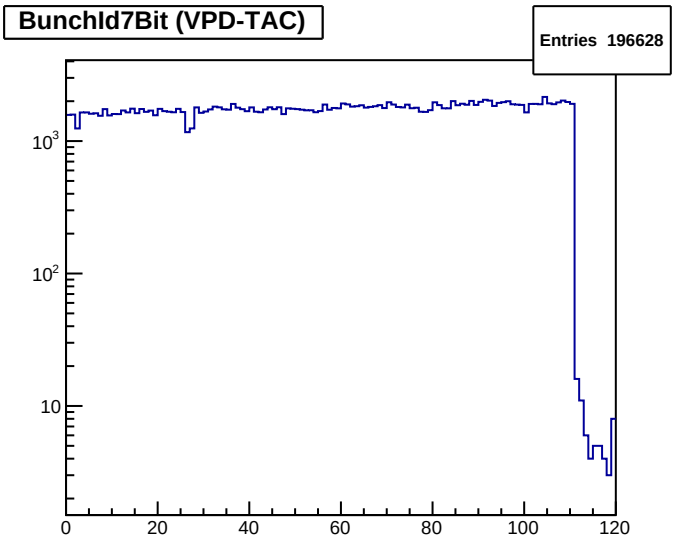
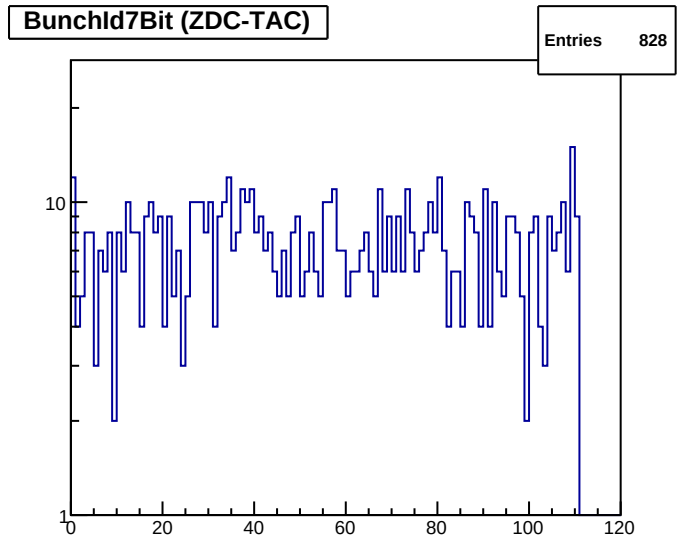
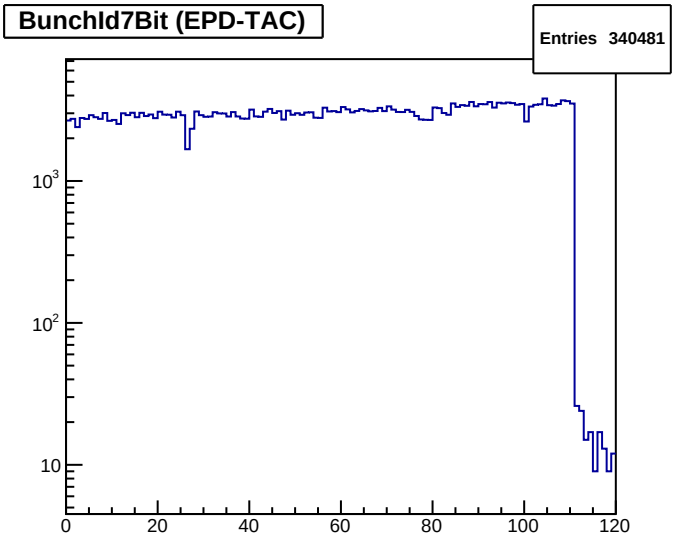
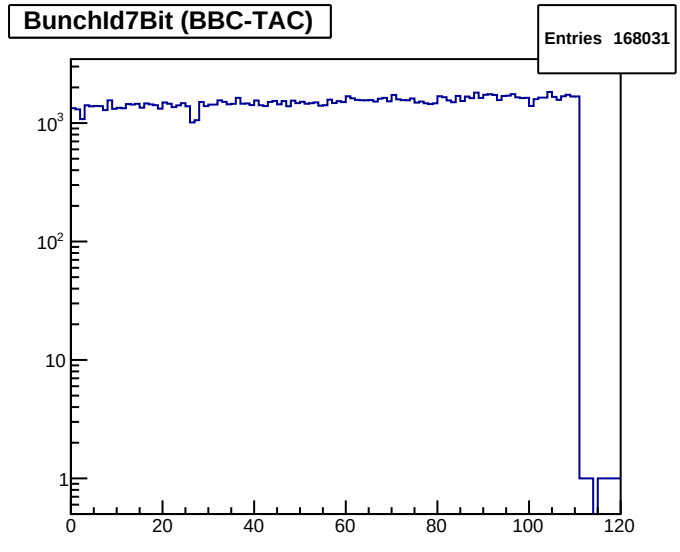
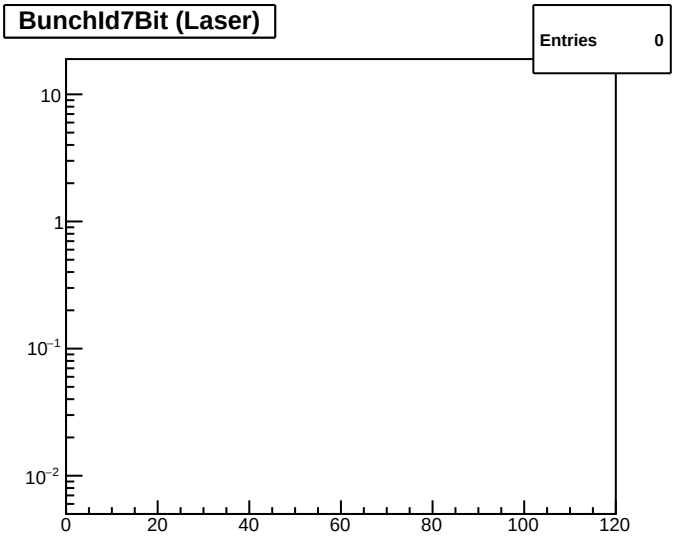
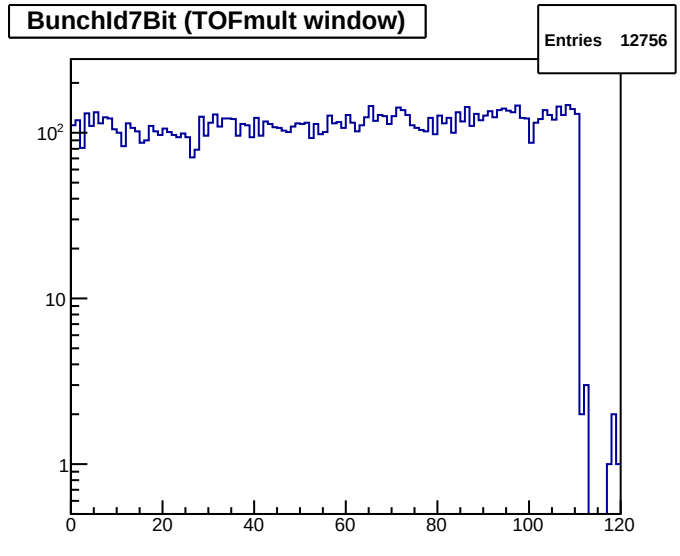

BunchId7Bit (VPD-TAC)
Entries 196628

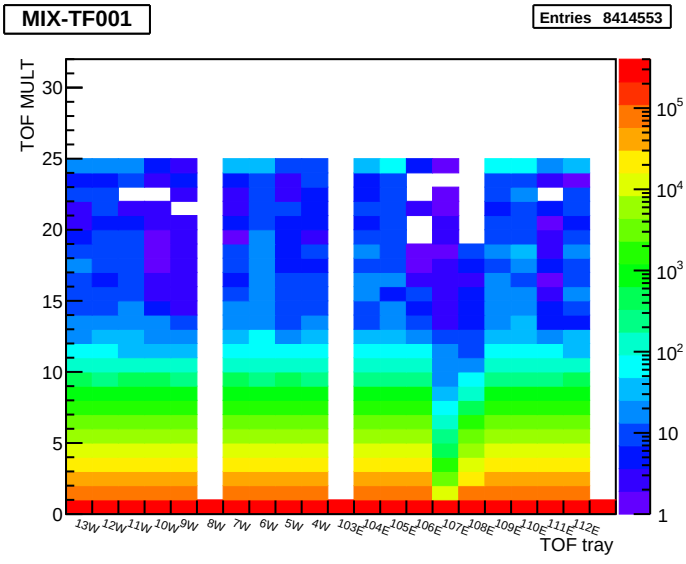

BunchId7Bit (ZDC-TAC)
Entries 828

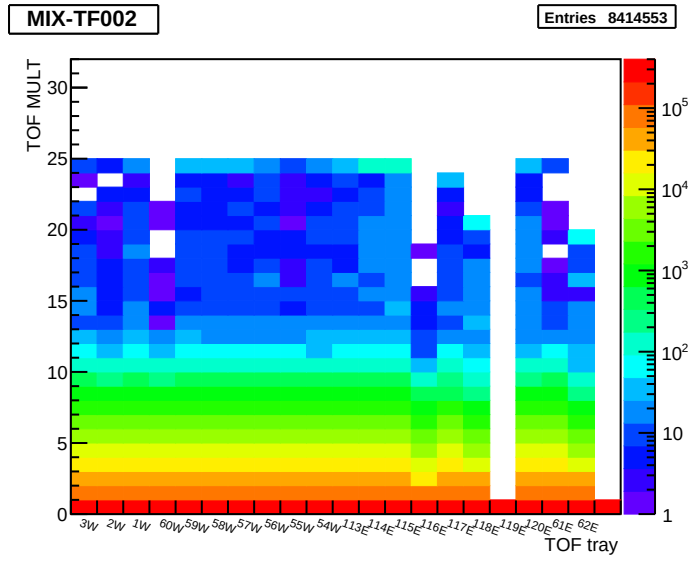

BunchId7Bit (EPD-TAC)
Entries 340481

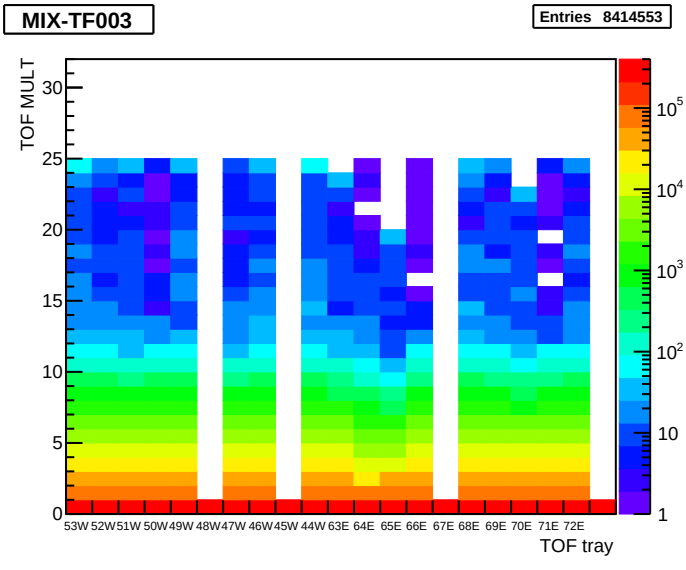

BunchId7Bit (BBC-TAC)
Entries 168031

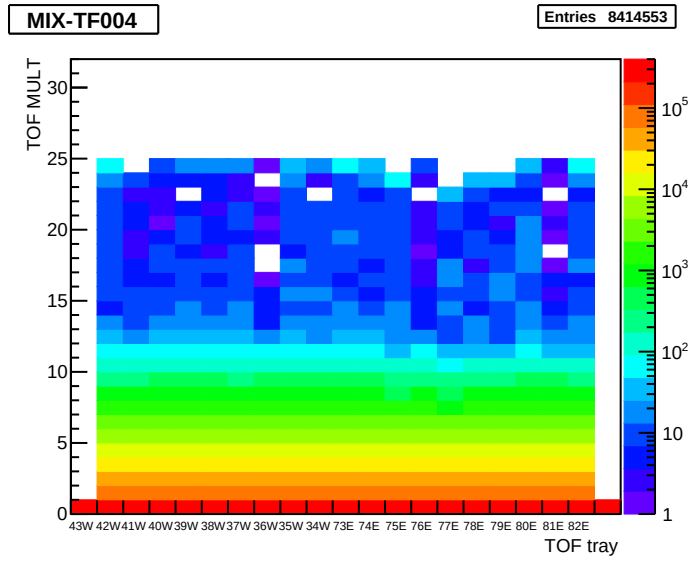

BunchId7Bit (Laser)
Entries 0

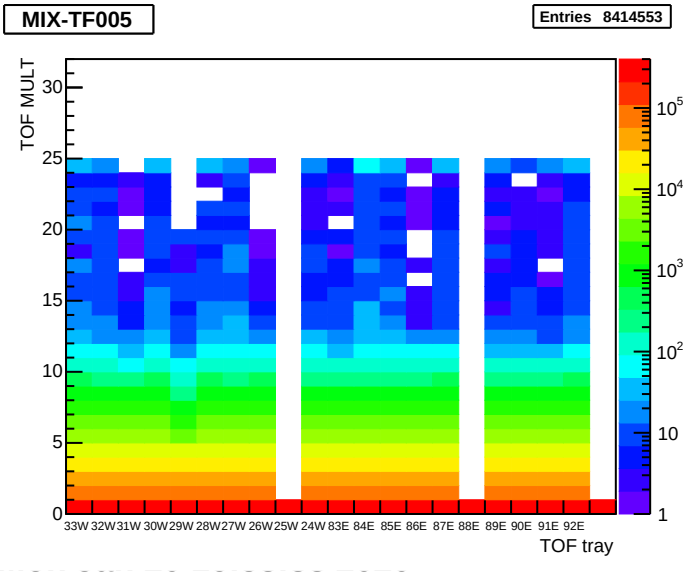

BunchId7Bit (TOFmult window)
Entries 12756

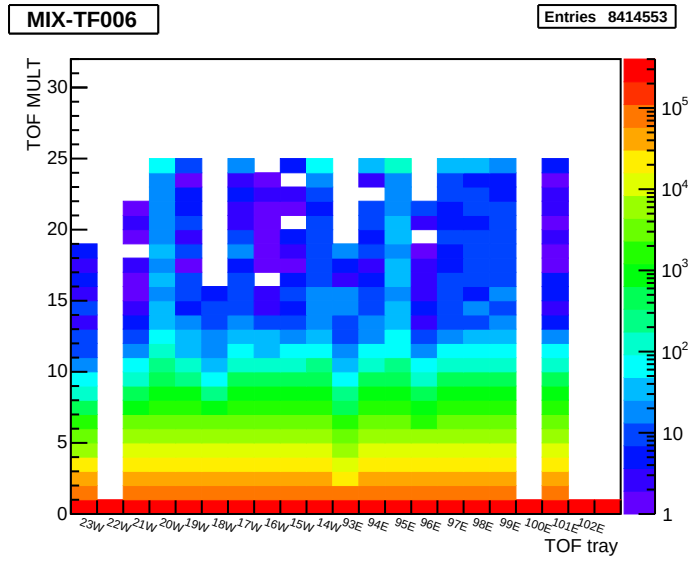

MIX-TF001
Entries 8414553
TOF MULT
TOF tray

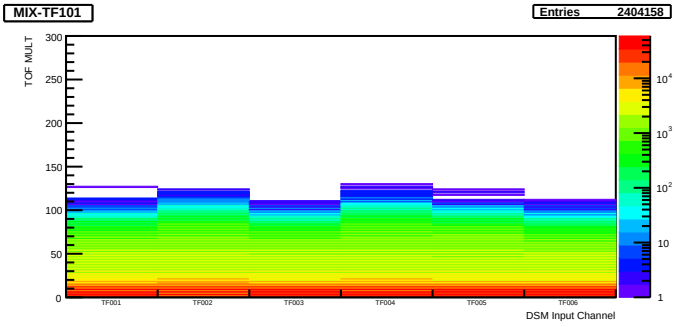

MIX-TF002
Entries 8414553
TOF MULT
TOF tray

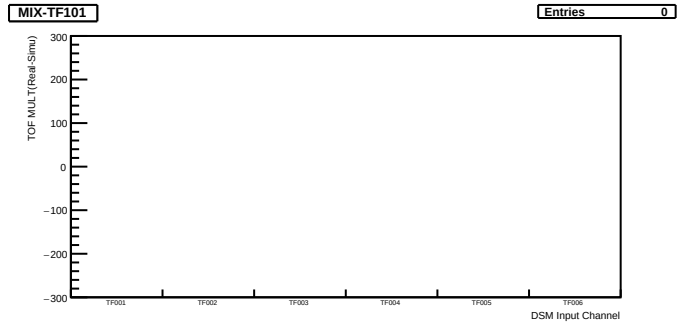

MIX-TF003
Entries 8414553
TOF MULT
TOF tray

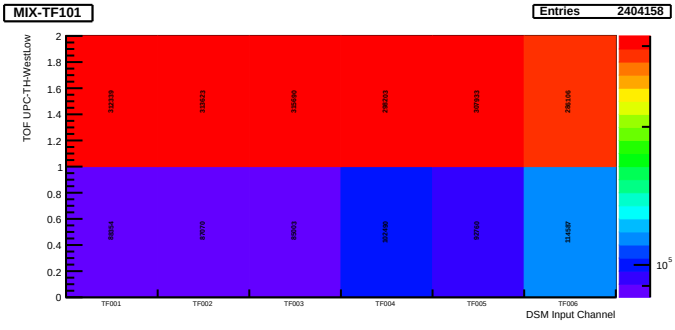

MIX-TF004
Entries 8414553
TOF MULT
TOF tray

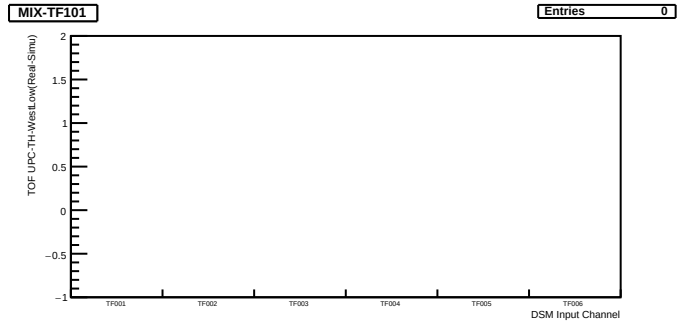

MIX-TF005
Entries 8414553
TOF MULT
TOF tray

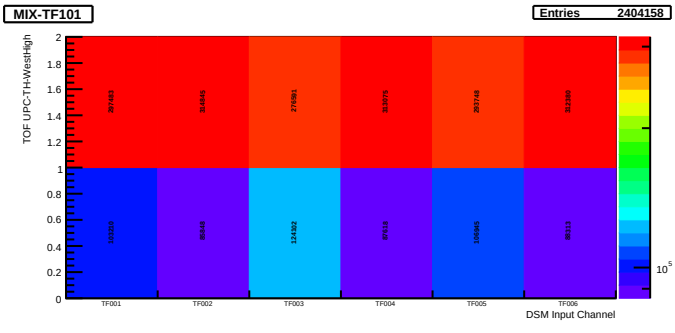

MIX-TF006
Entries 8414553
TOF MULT
TOF tray

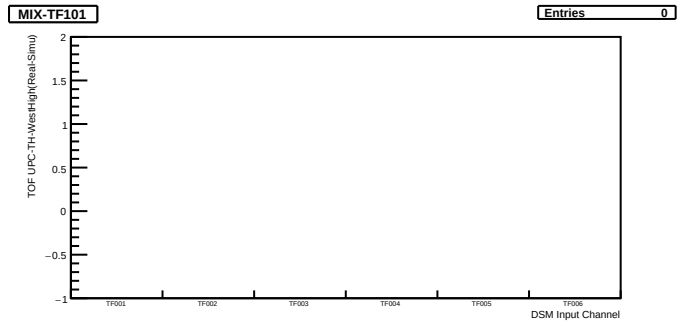

MIX-TF101
Entries 2404158
TOF MULT
DSM Input Channel

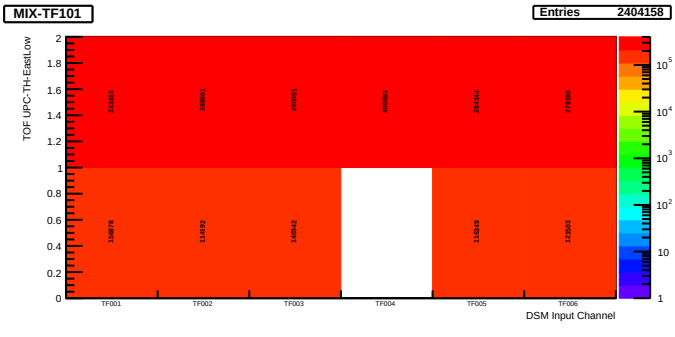

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel

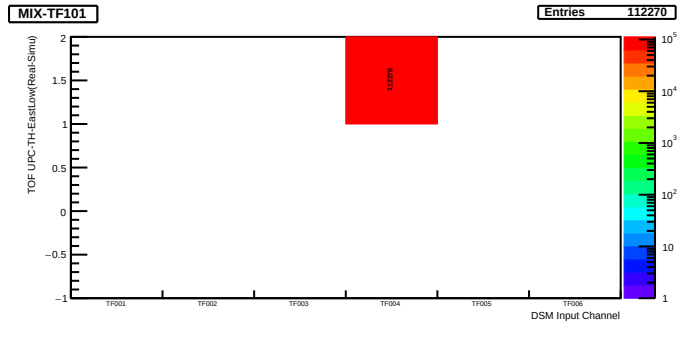

MIX-TF101
Entries 2404158
TOF UPC-TH-WestLow
DSM Input Channel

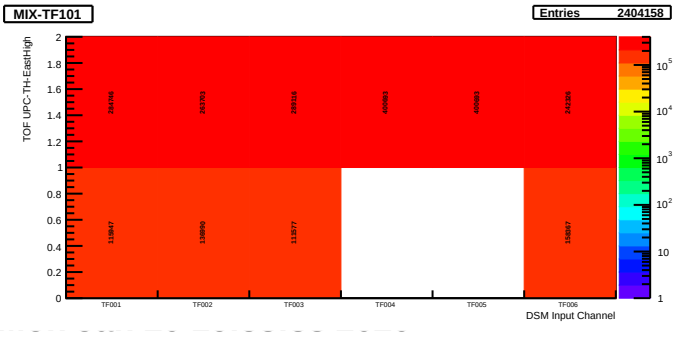

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

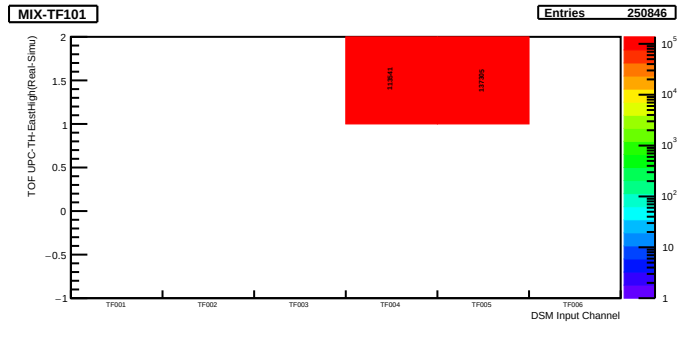

MIX-TF101
Entries 2404158
TOF UPC-TH-WestHigh
DSM Input Channel

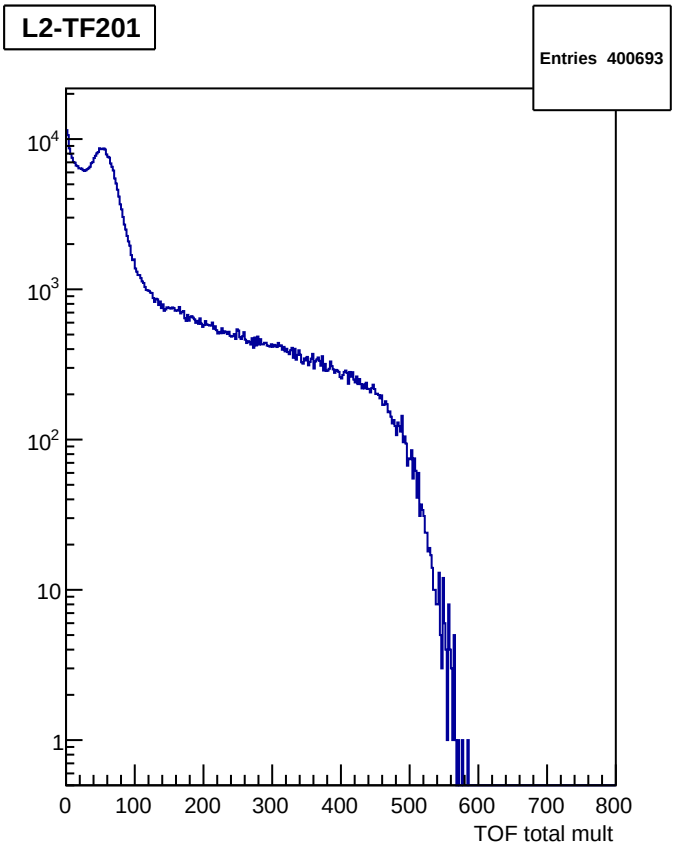

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

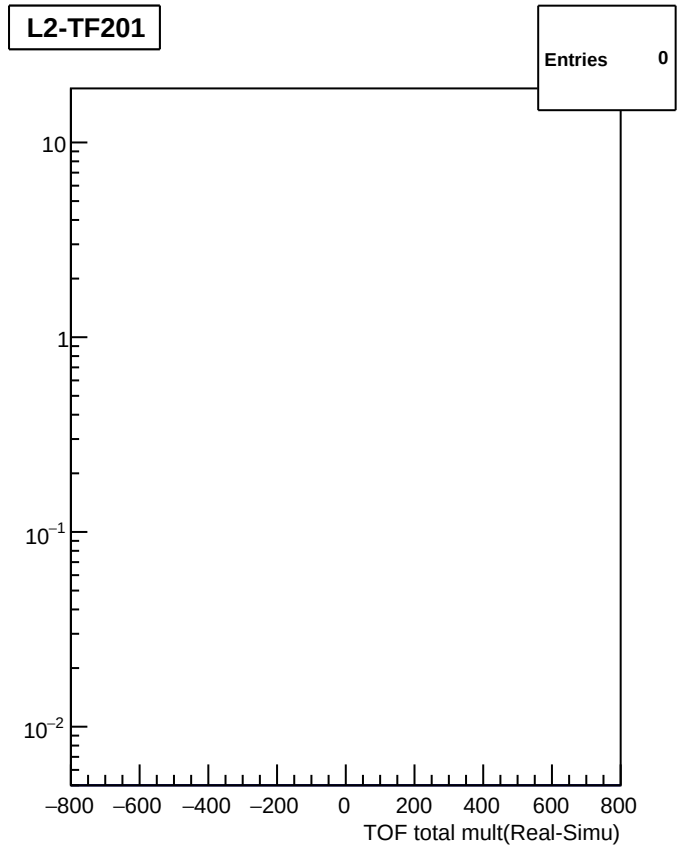

MIX-TF101
Entries 2404158
TOF UPC-TH-EastLow
DSM Input Channel

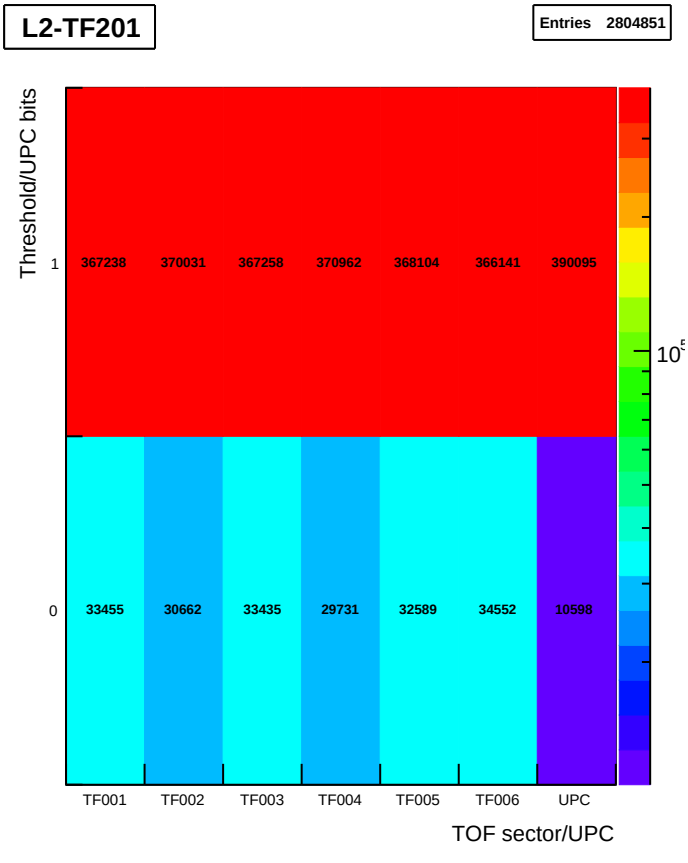

MIX-TF101
Entries 112270
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

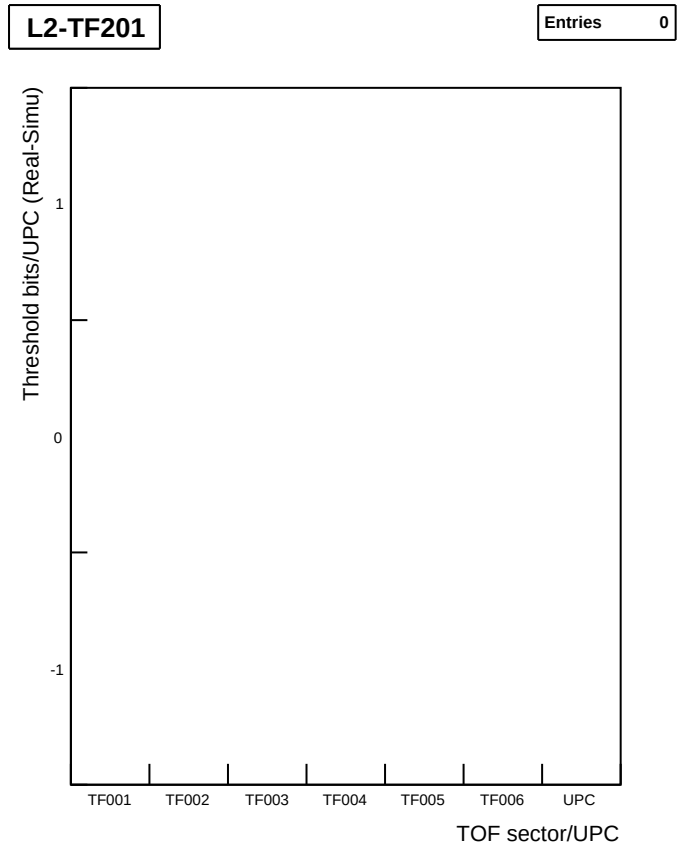

MIX-TF101
Entries 2404158
TOF UPC-TH-EastHigh
DSM Input Channel

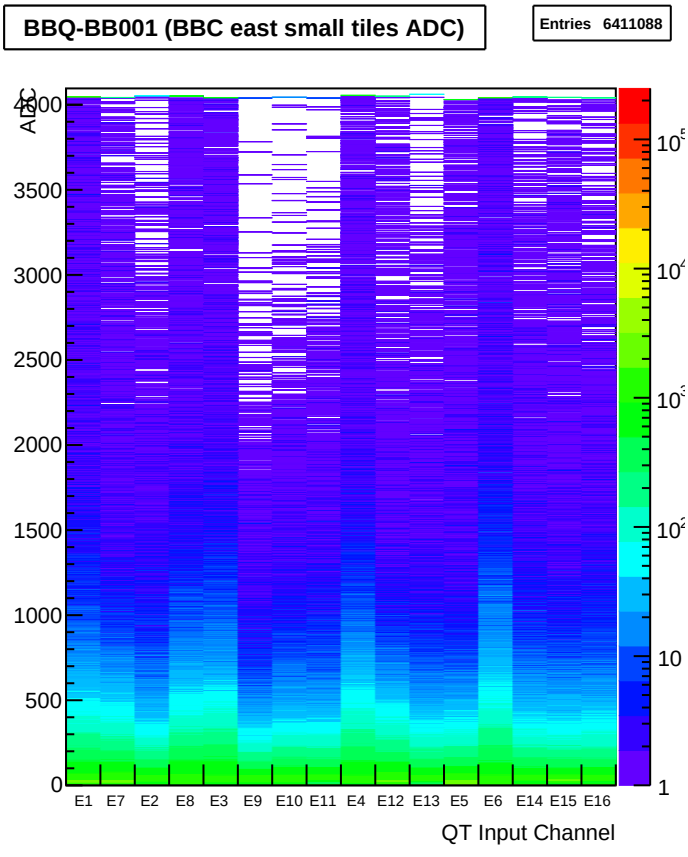

MIX-TF101
Entries 250846
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

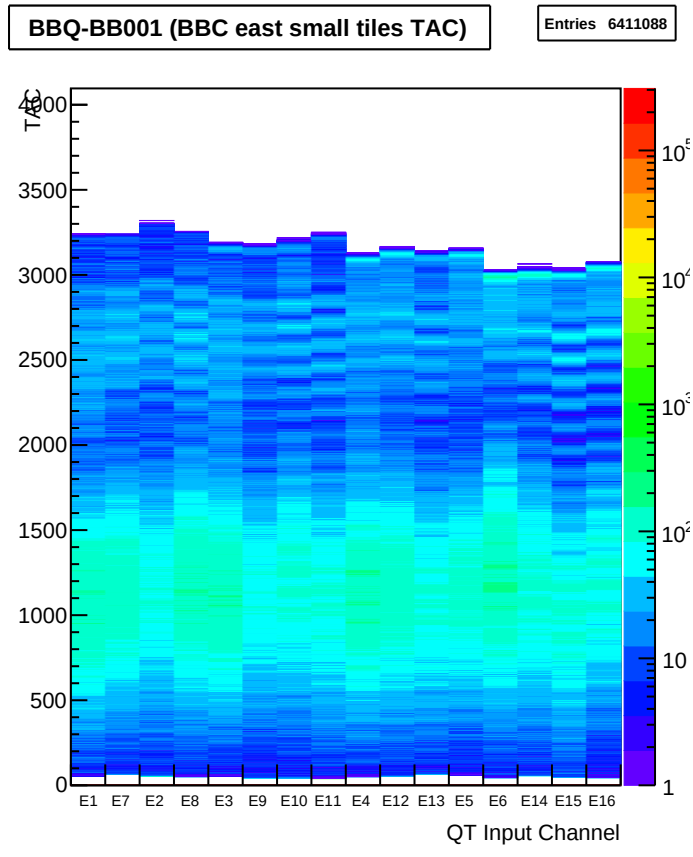

L2-TF201
Entries 400693
TOF total mult

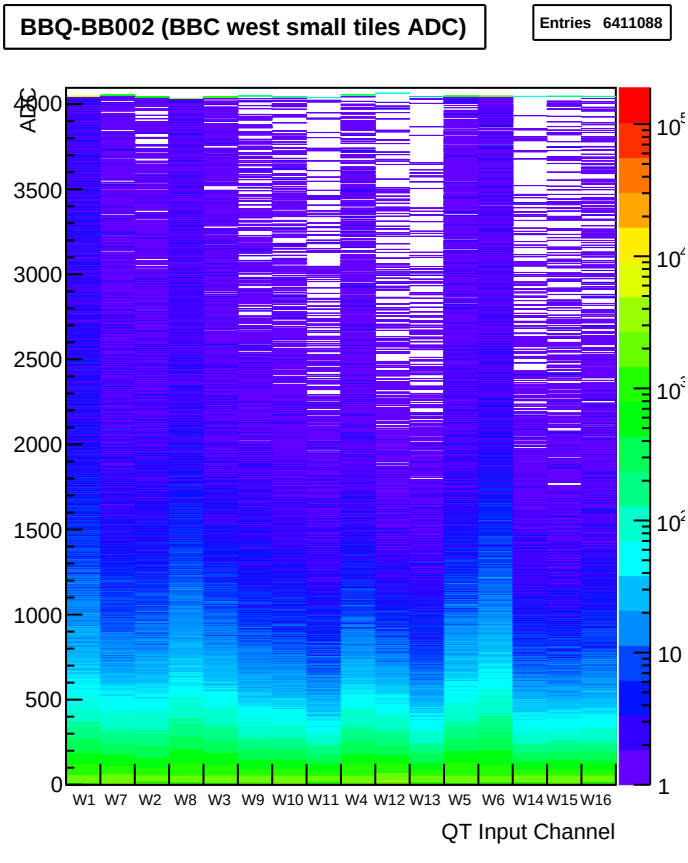

L2-TF201
Entries 0
TOF total mult(Real-Simu)

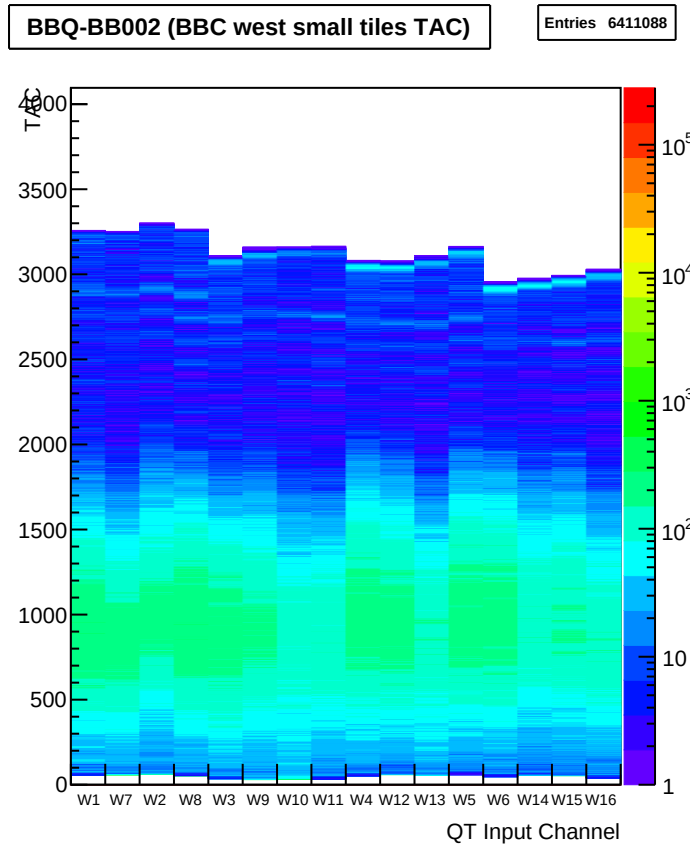

L2-TF201
Entries 2804851
Threshold/UPC bits
367238
370031
367258
370962
368104
366141
390095
33455
30662
33435
29731
32589
34552
10598
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

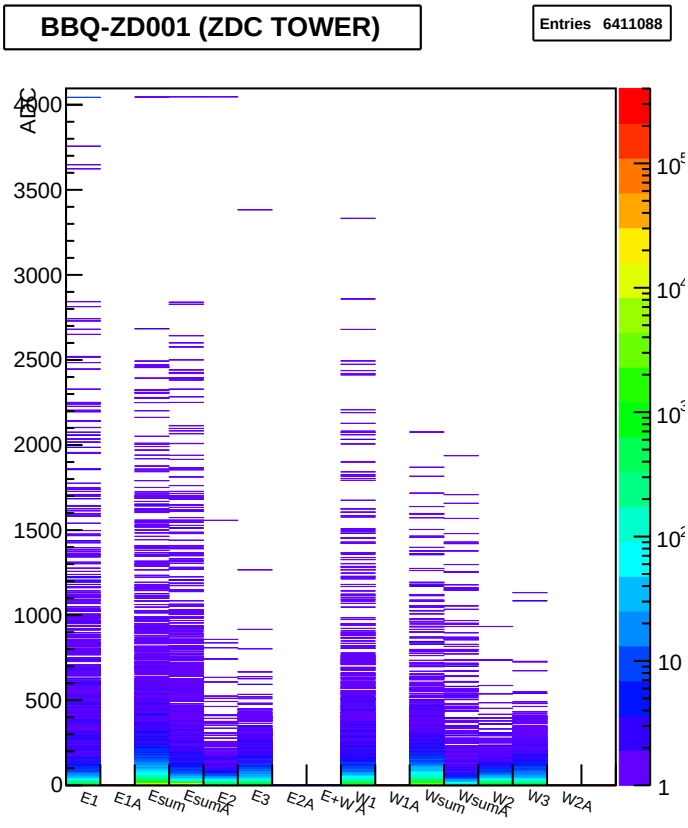

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

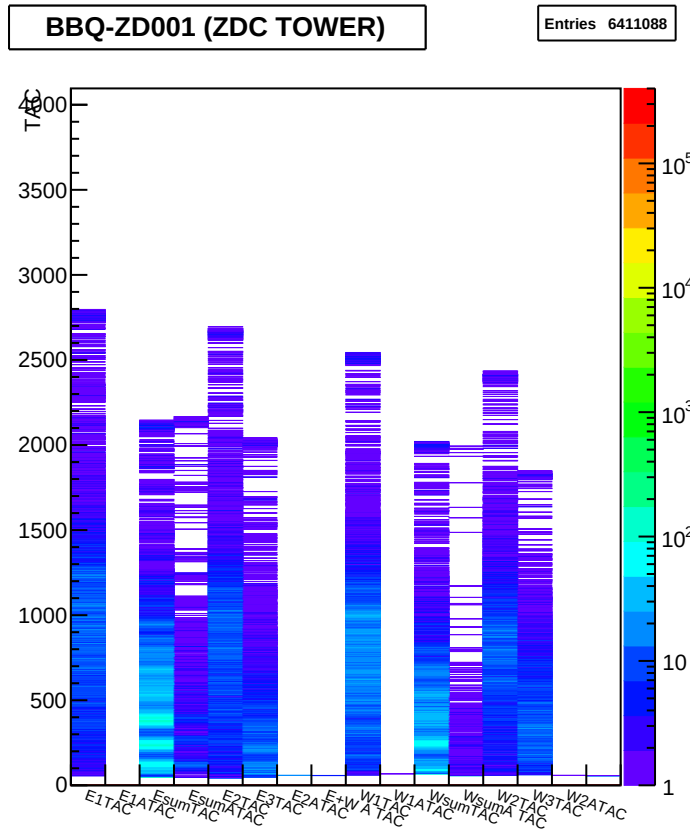

BBQ-BB001 (BBC east small tiles ADC)
Entries 6411088
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

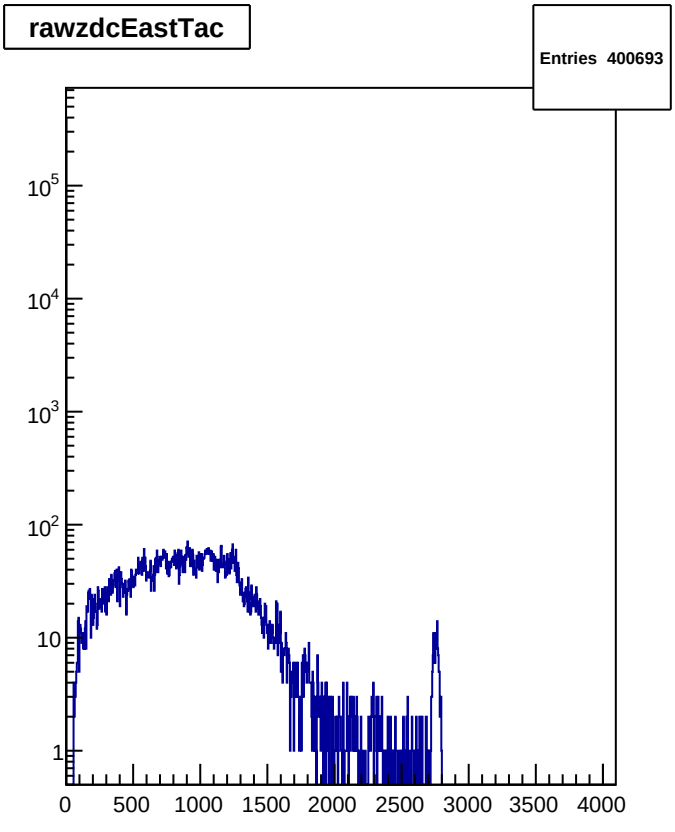

BBQ-BB001 (BBC east small tiles TAC)
Entries 6411088
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

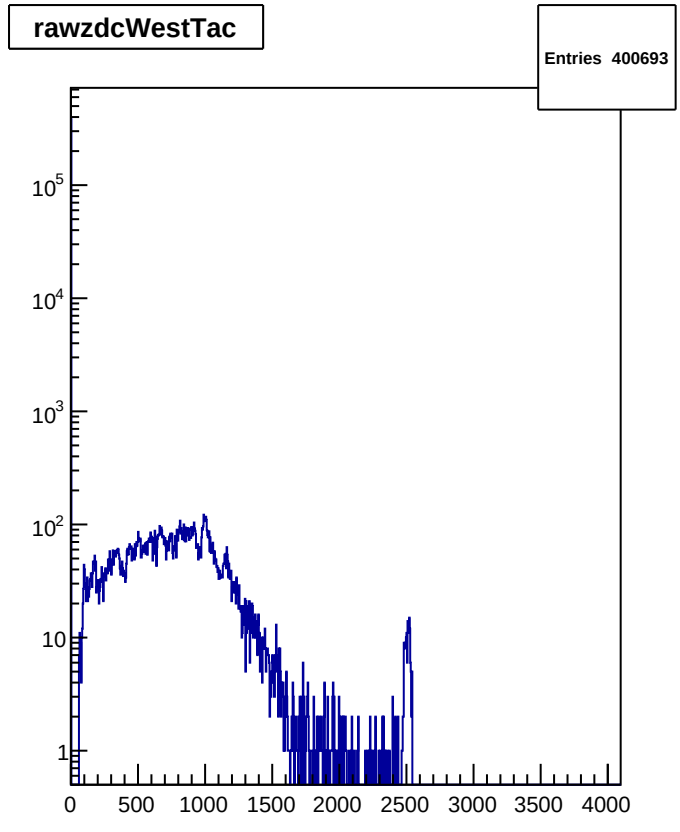

BBQ-BB002 (BBC west small tiles ADC)
Entries 6411088
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

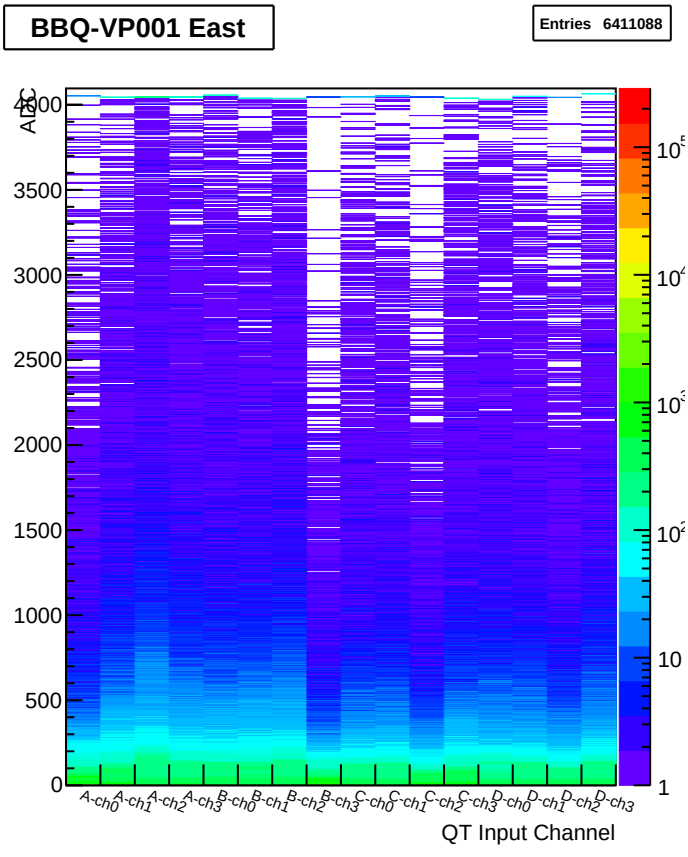

BBQ-BB002 (BBC west small tiles TAC)
Entries 6411088
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

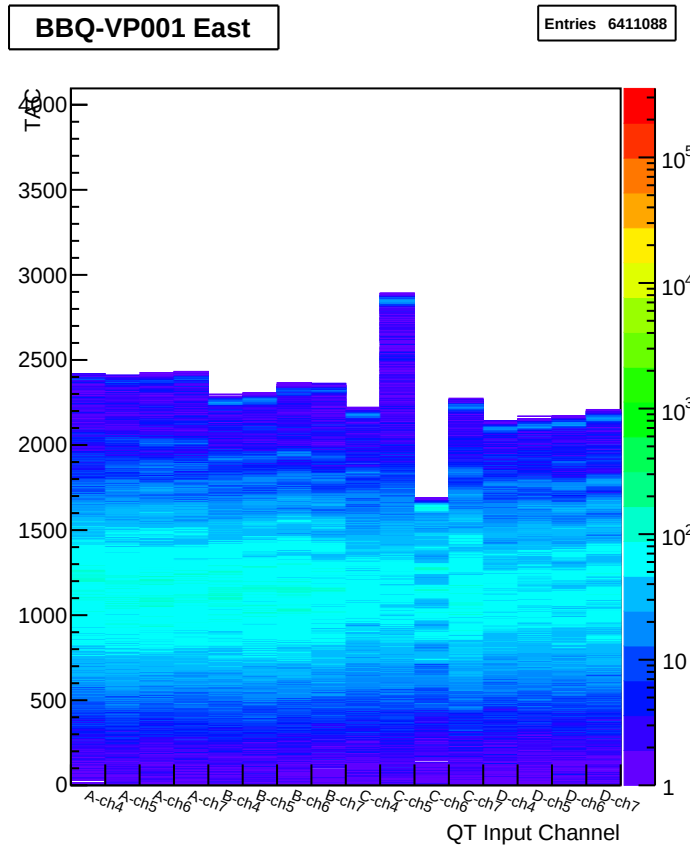

BBQ-ZD001 (ZDC TOWER)
Entries 6411088
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

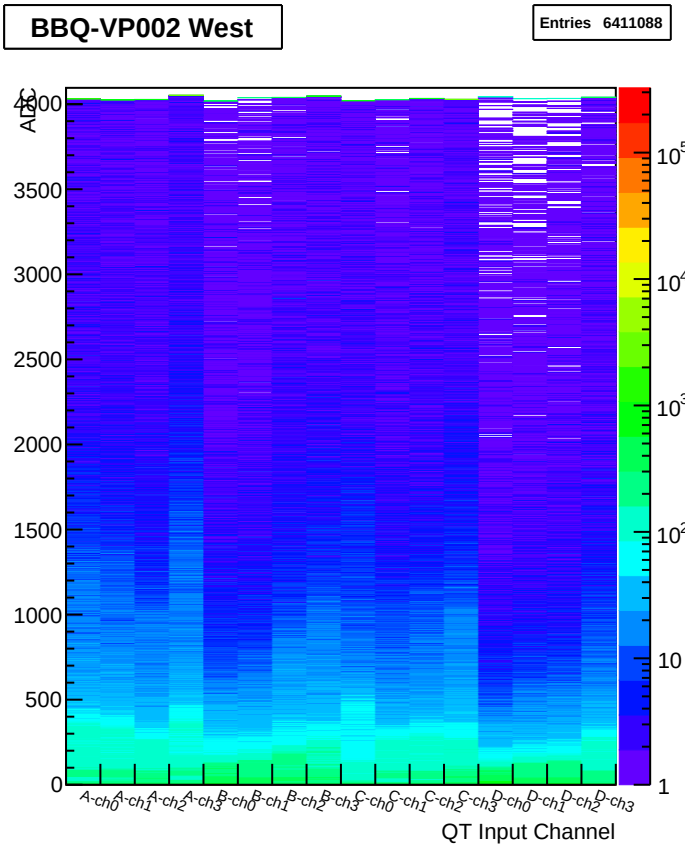

BBQ-ZD001 (ZDC TOWER)
Entries 6411088
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

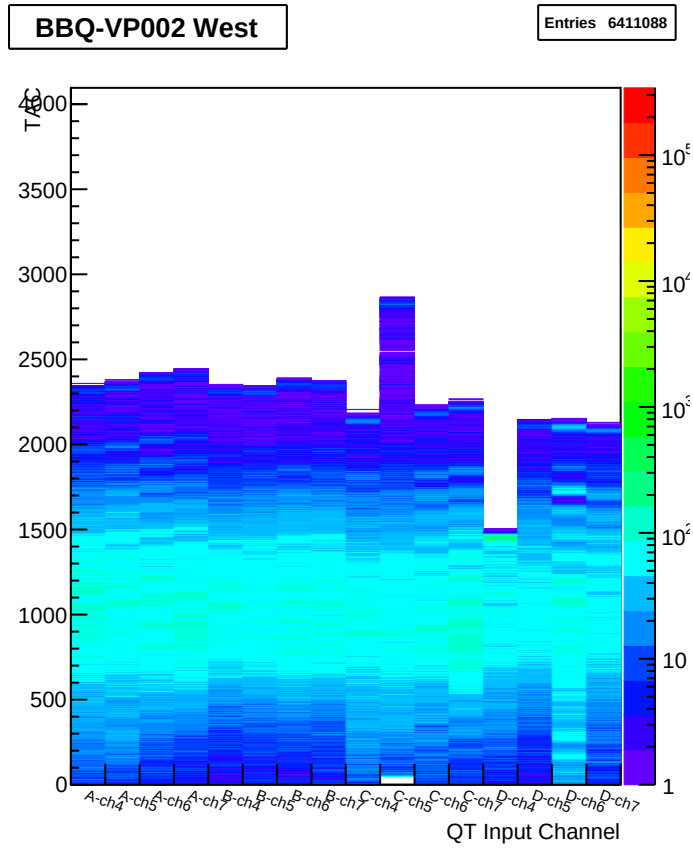

rawzdcEastTac
Entries 400693

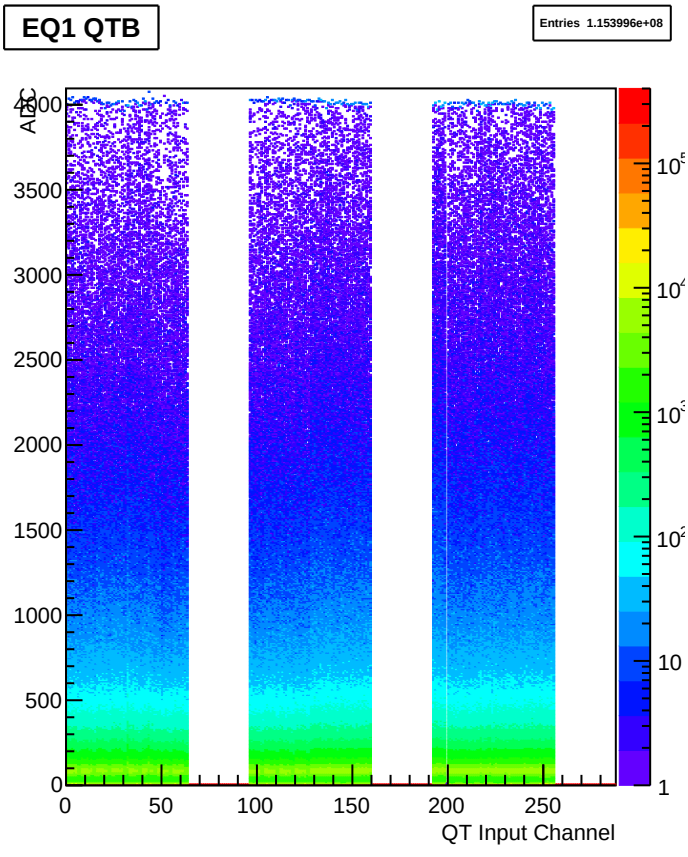

rawzdcWestTac
Entries 400693

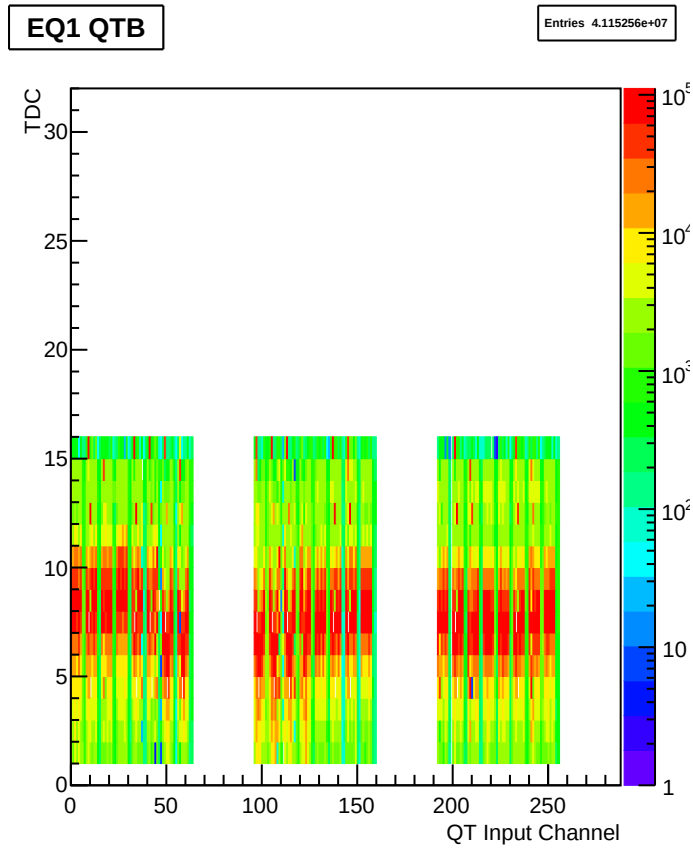

BBQ-VP001 East
Entries 6411088
ADC
QT Input Channel

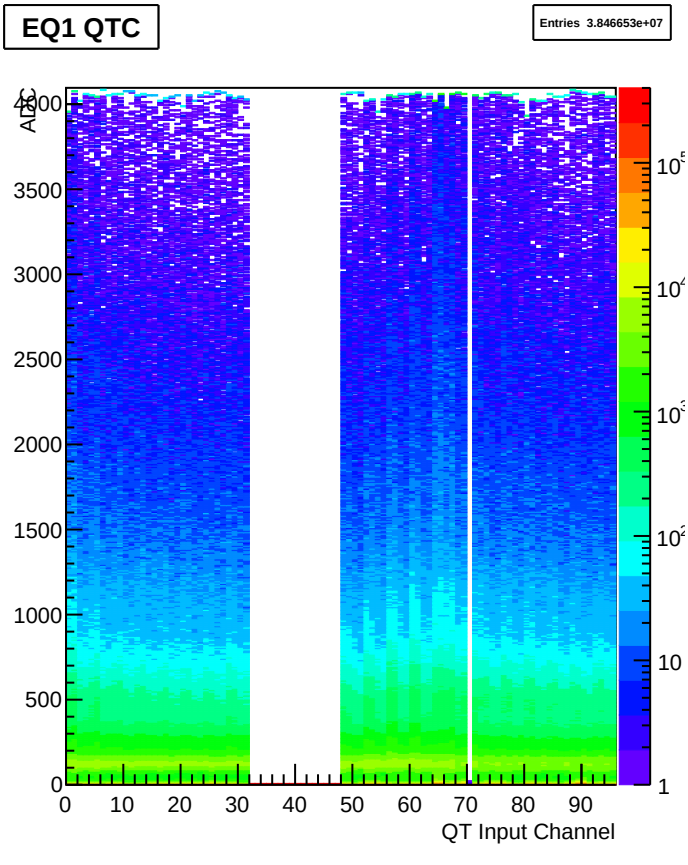

BBQ-VP001 East
Entries 6411088
ADC
QT Input Channel

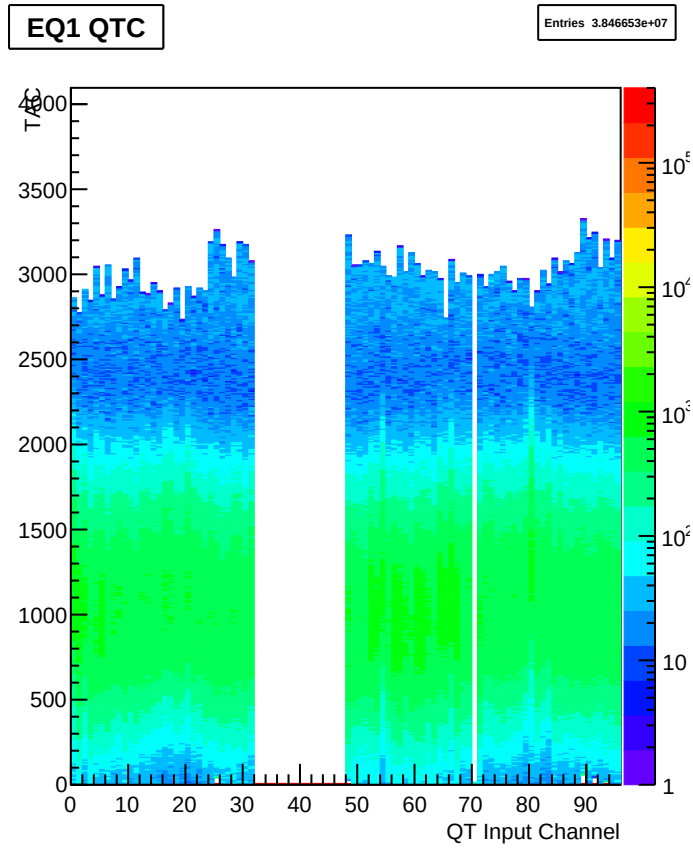

BBQ-VP002 West
Entries 6411088
ADC
QT Input Channel

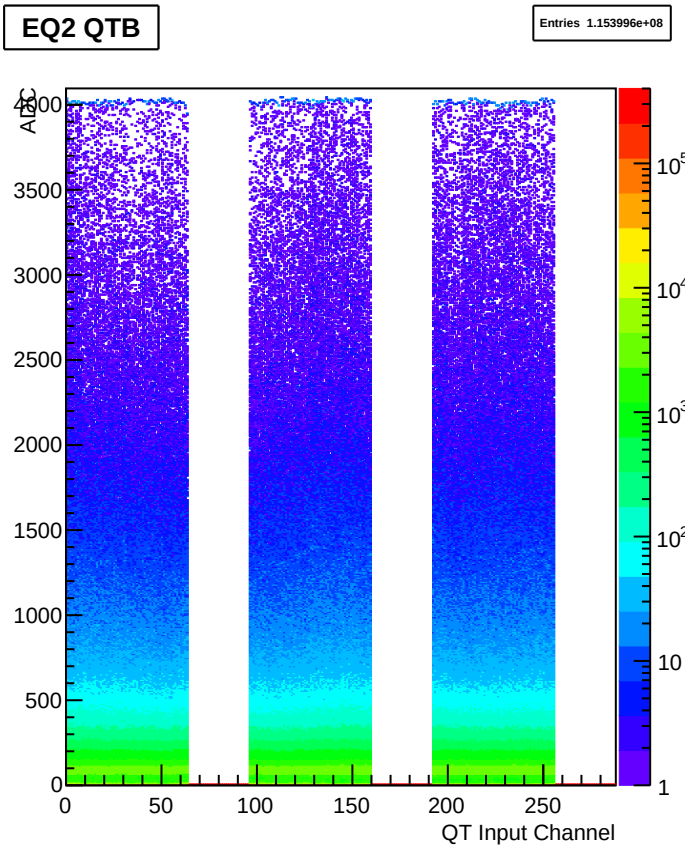

BBQ-VP002 West
Entries 6411088
ADC
QT Input Channel

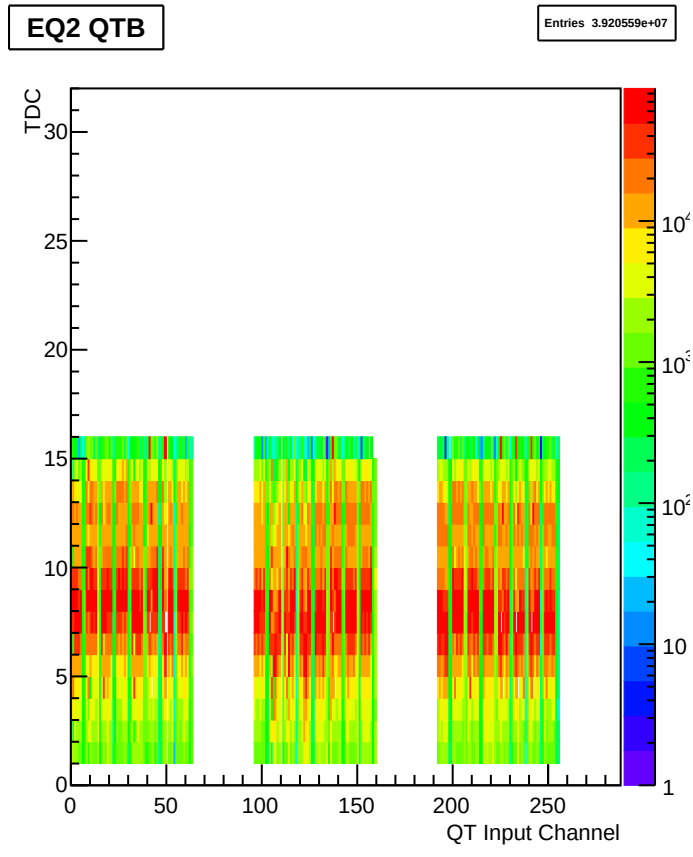

EQ1 QTB
Entries 1.153996e+08
ADC
QT Input Channel

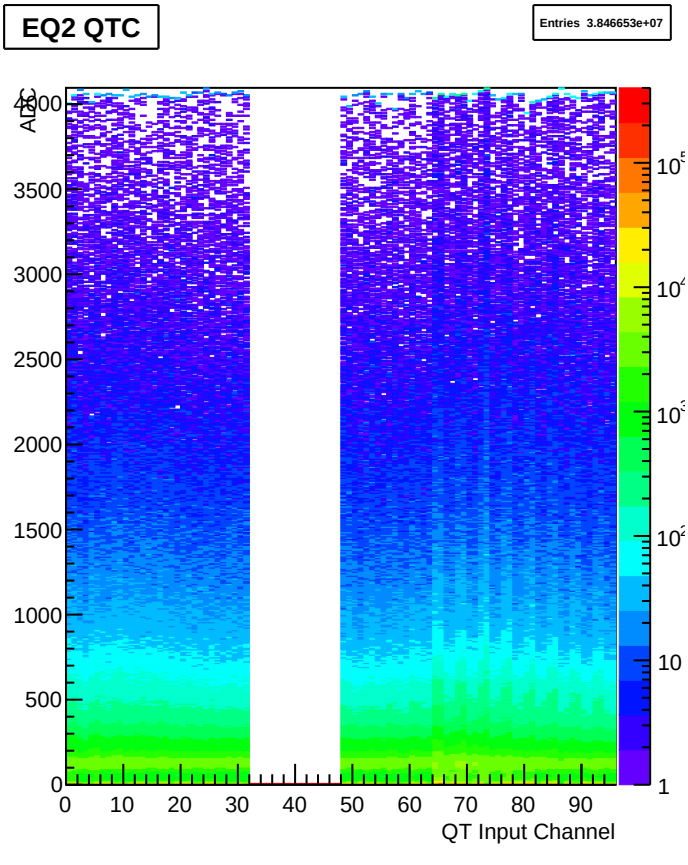

EQ1 QTB
Entries 4.115256e+07
TDC
QT Input Channel

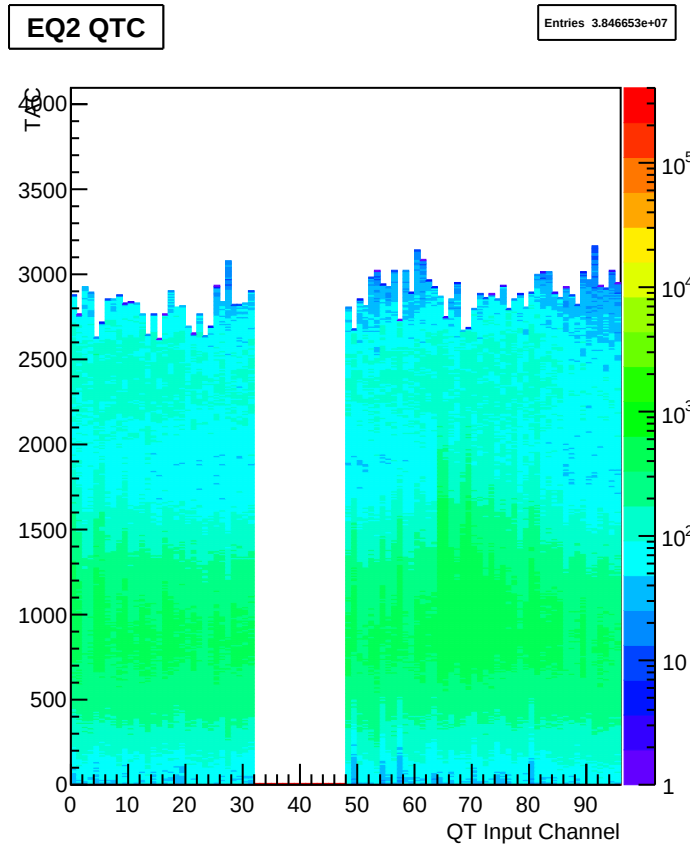

EQ1 QTC
Entries 3.846653e+07
ADC
QT Input Channel

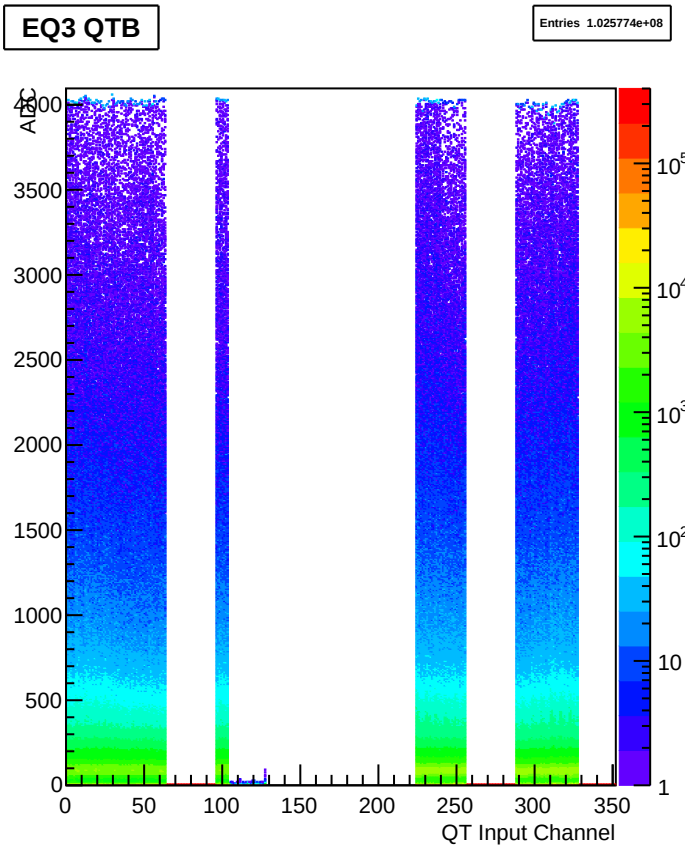

EQ1 QTC
Entries 3.846653e+07
TADC
QT Input Channel

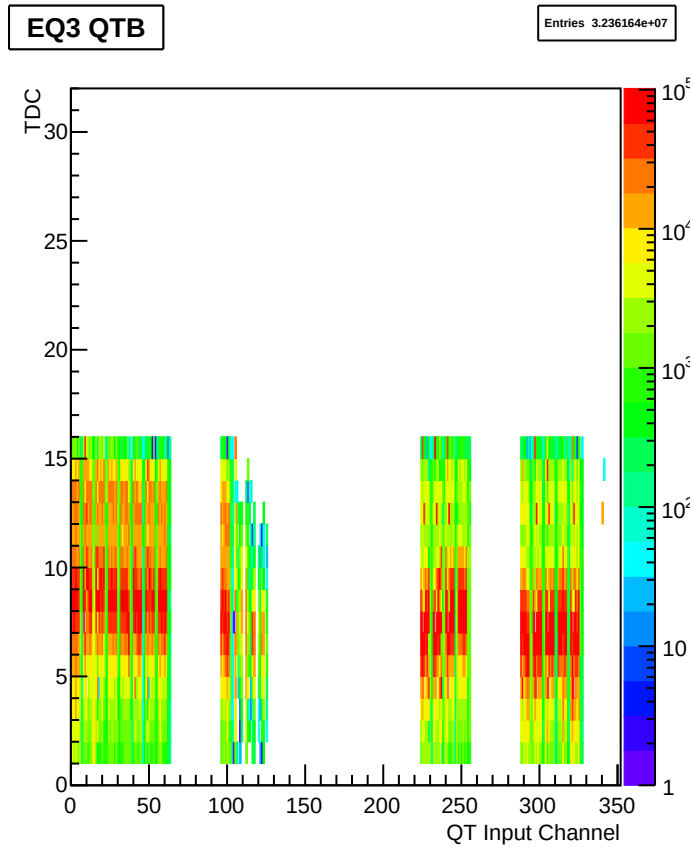

EQ2 QTB
Entries 1.153996e+08
ADC
QT Input Channel

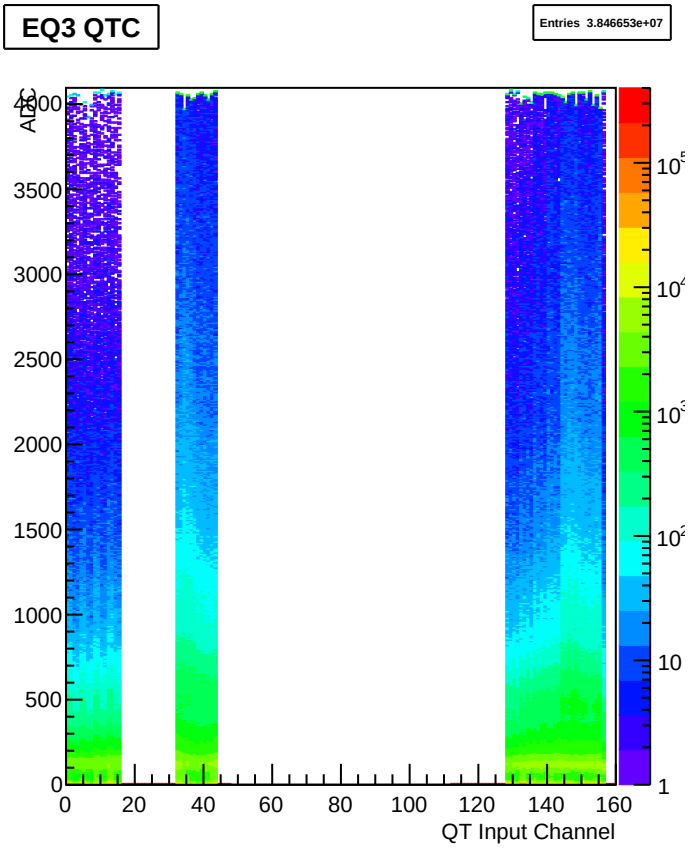

EQ2 QTB
Entries 3.920559e+07
TDC
QT Input Channel

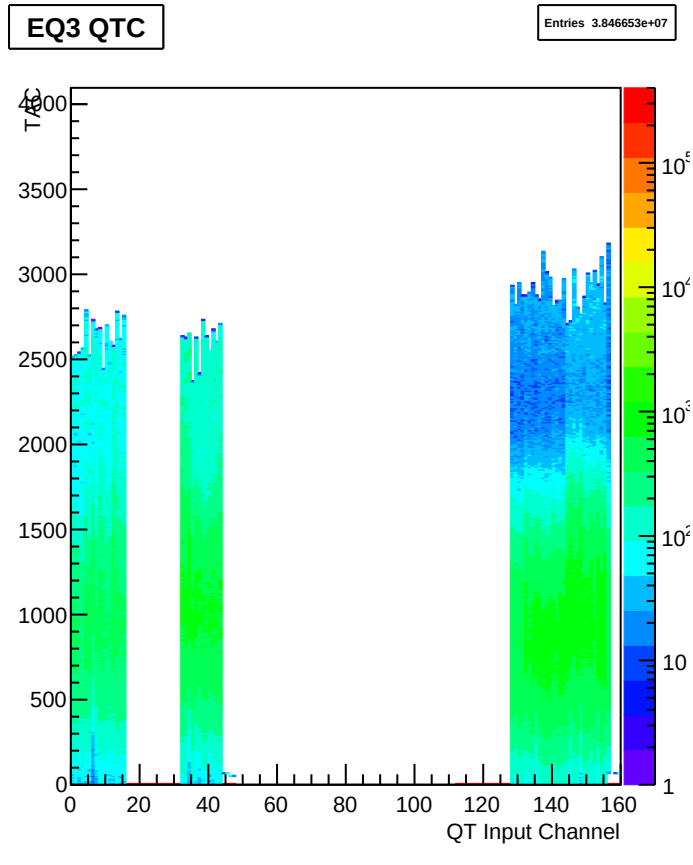

EQ2 QTC
Entries 3.846653e+07
ADC
QT Input Channel

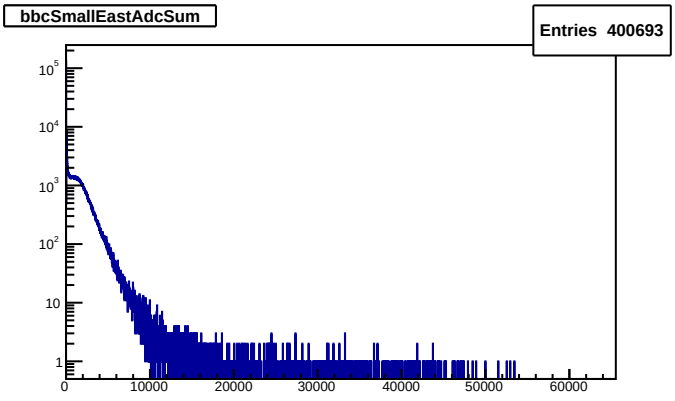

EQ2 QTC
Entries 3.846653e+07
TADC
QT Input Channel

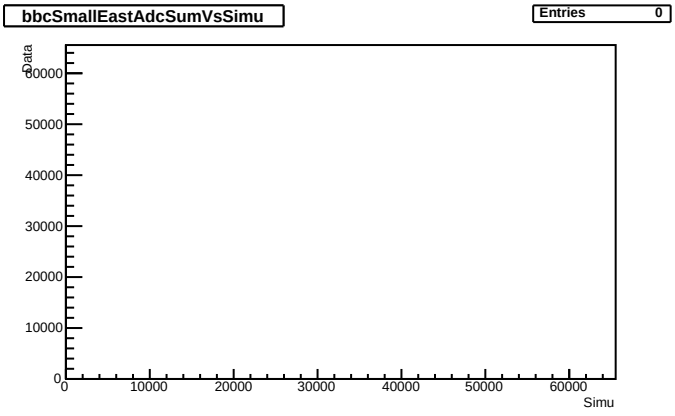

EQ3 QTB
Entries 1.025774e+08
ADC
QT Input Channel


EQ3 QTB
Entries 3.236164e+07
TDC
QT Input Channel


EQ3 QTC
Entries 3.846653e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.846653e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 400693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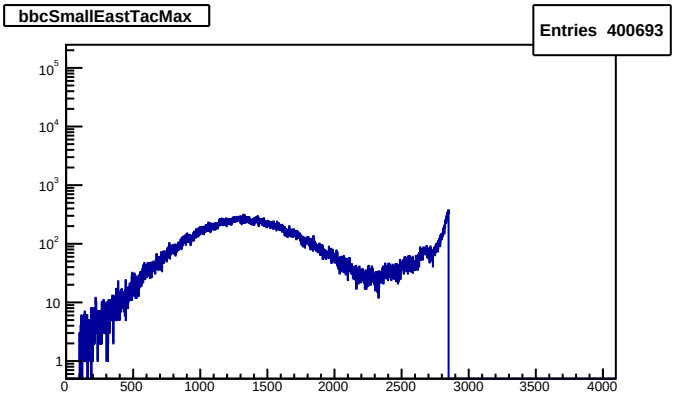
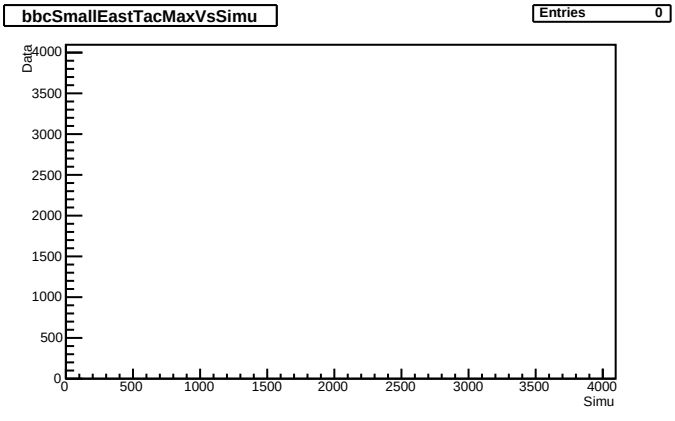
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 400693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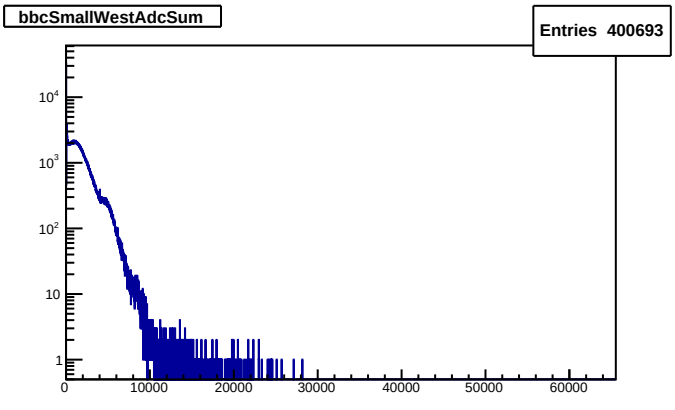
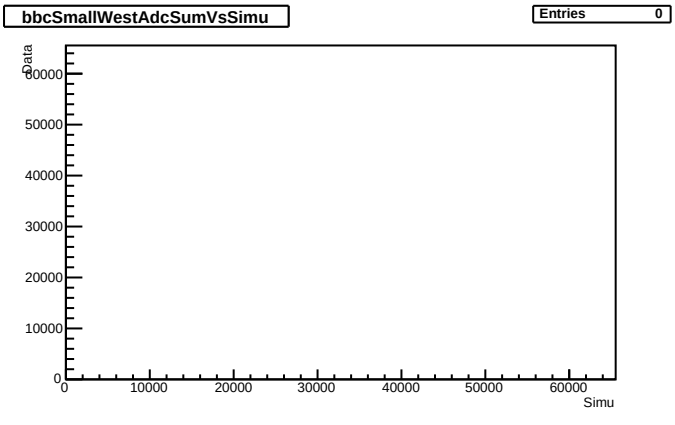
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries 400693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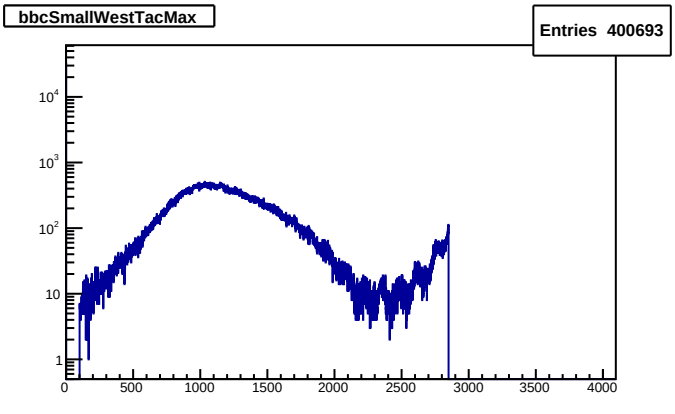
Entries 0
Data
Simu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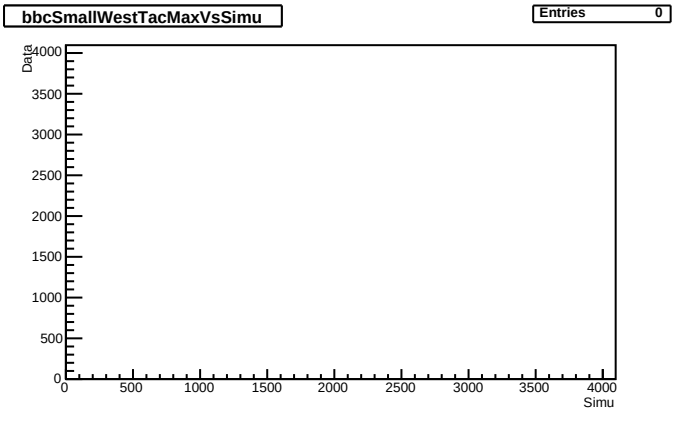
Entries 400693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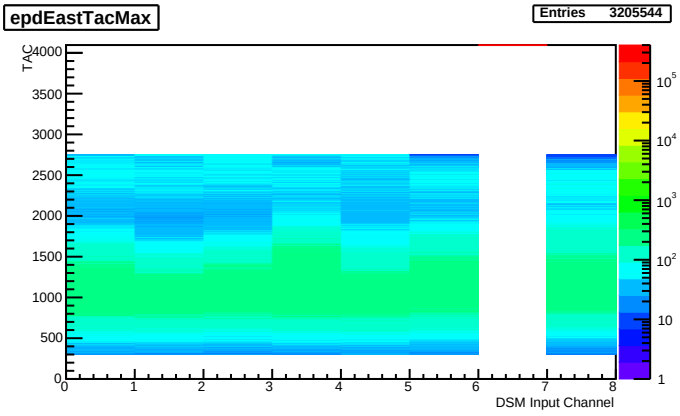
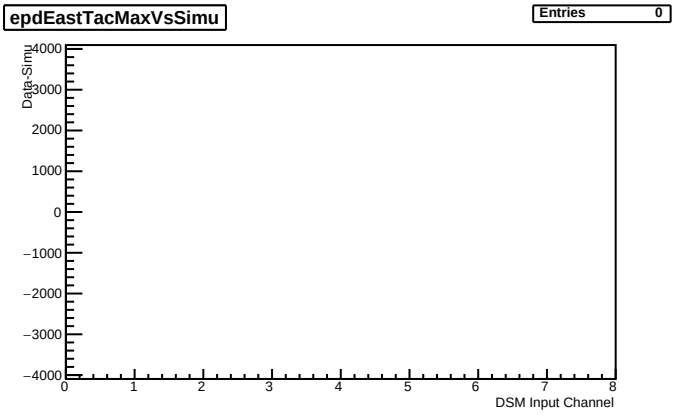
Entries 0
Data
Simu


epdEastTacMax
Entries 3205544
TAC
DSM Input Channel


epdEastTacMaxVsSimu
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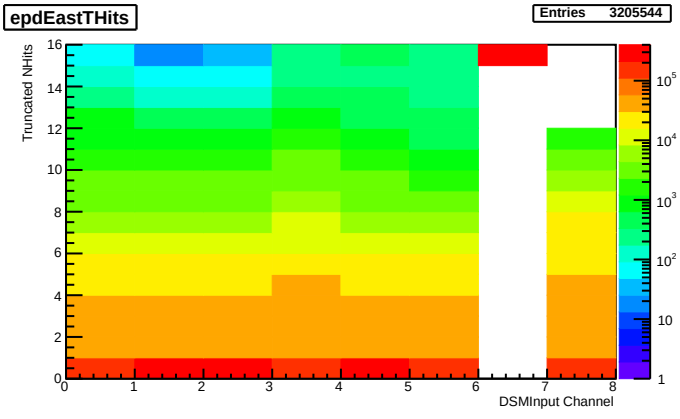
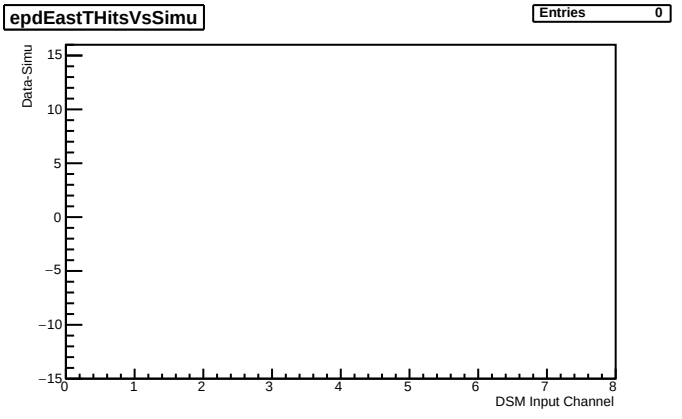
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3205544
Truncated NHits
DSMInput Channel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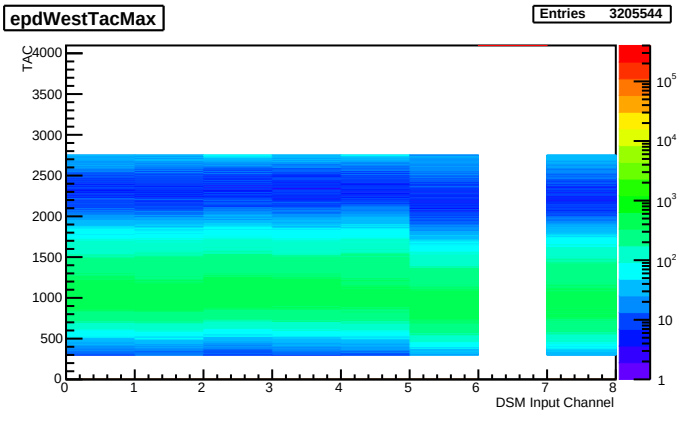
Data-Simu
DSM Input Channel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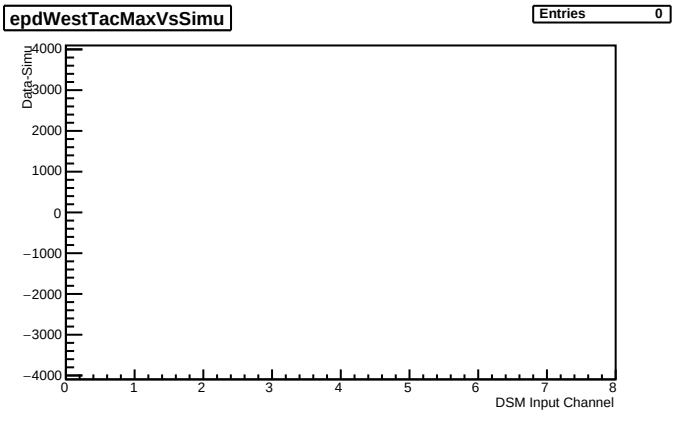
TAC
DSM Input Channel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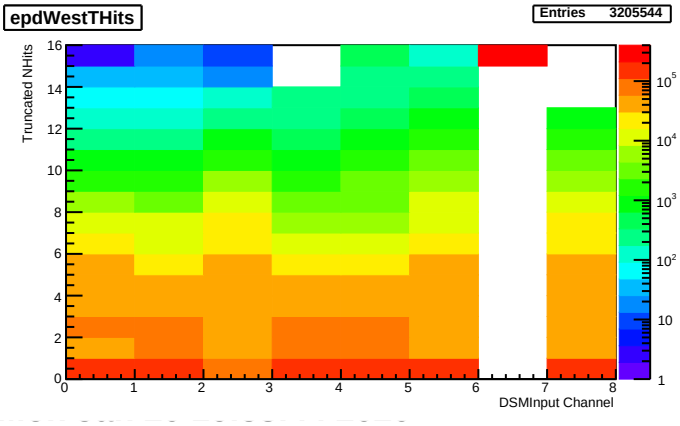
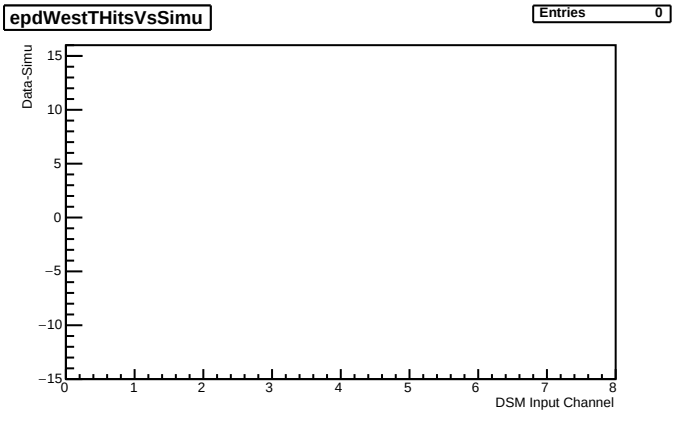
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3205544
Truncated NHits
DSMInput Channel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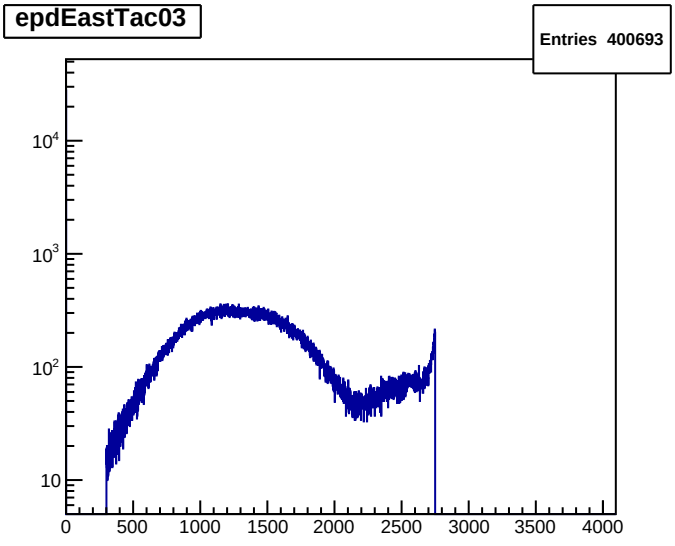
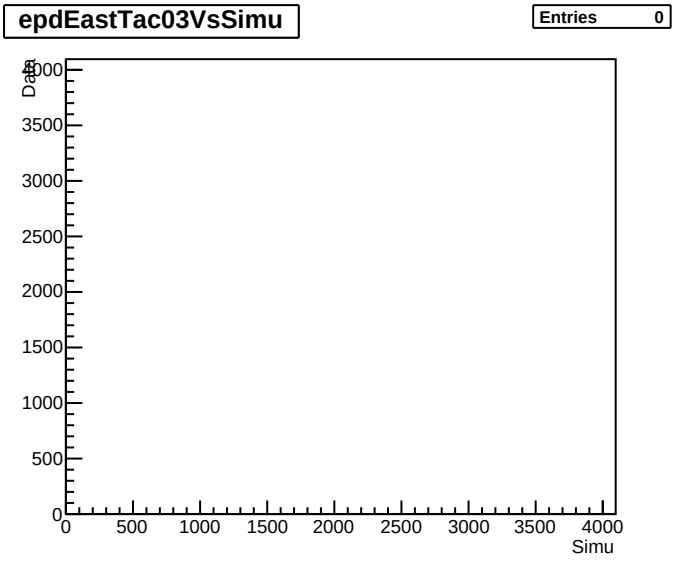
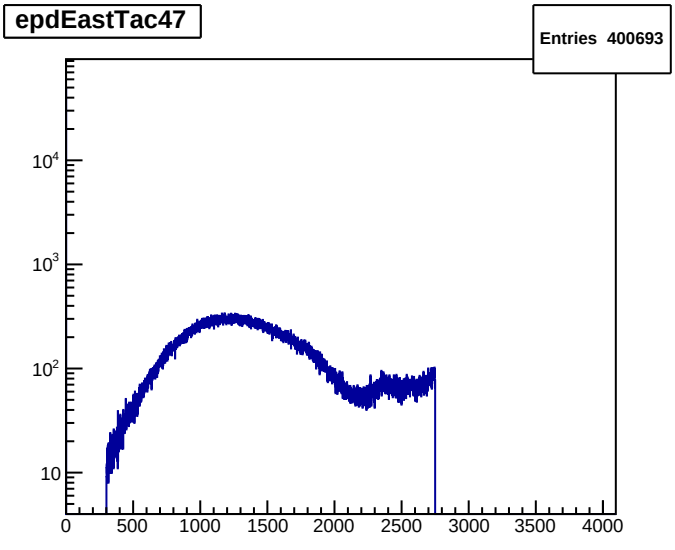
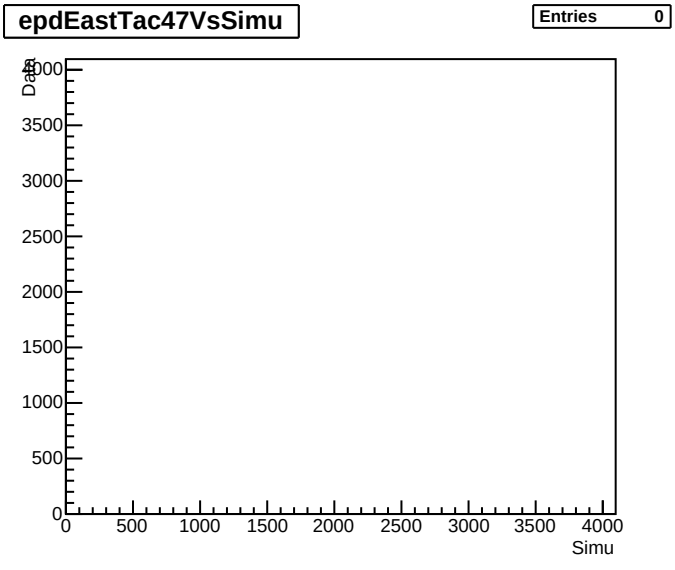
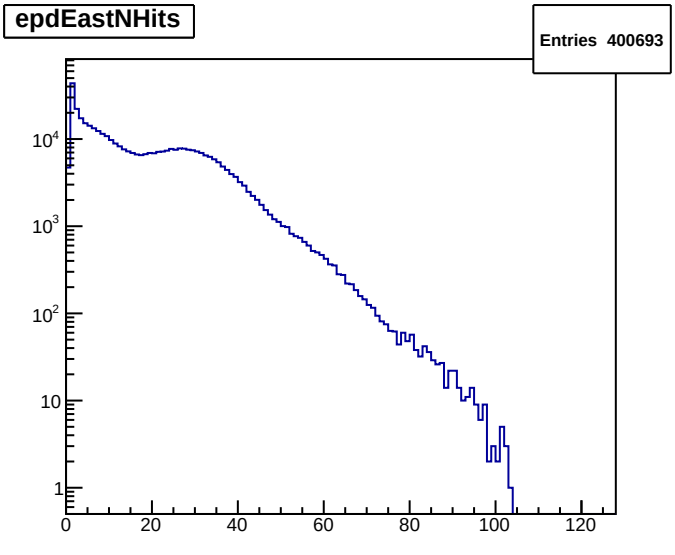
Entries 0
Data-Simu
DSM Input Channel

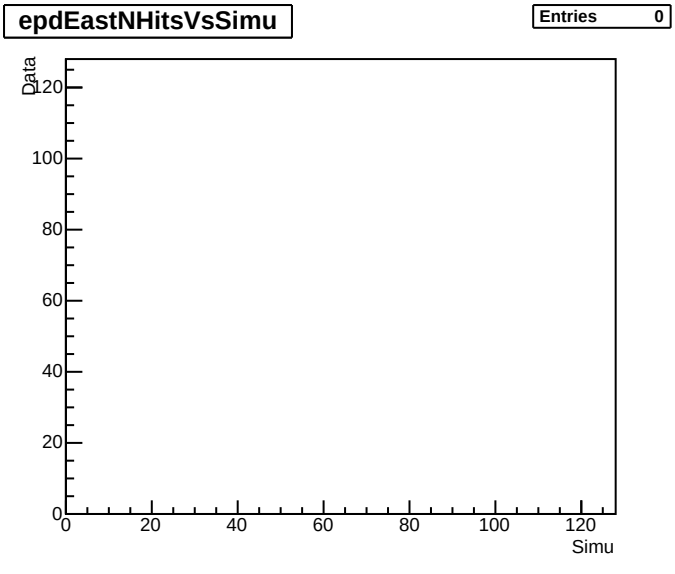

epdEastTac03
Entries 400693


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 400693


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 400693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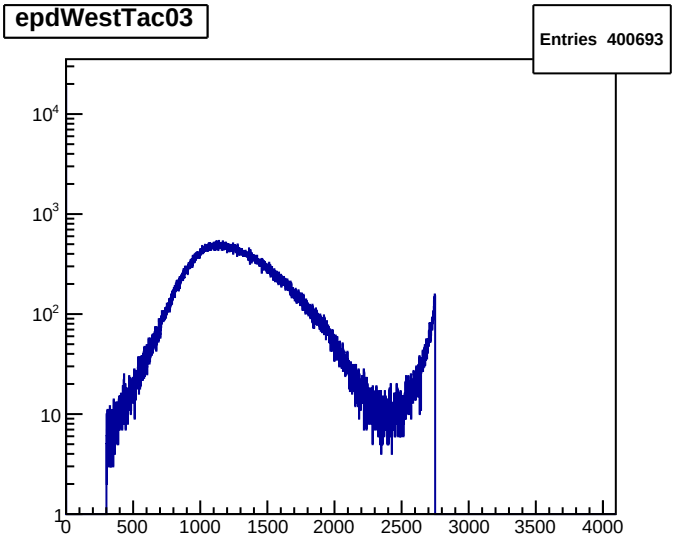
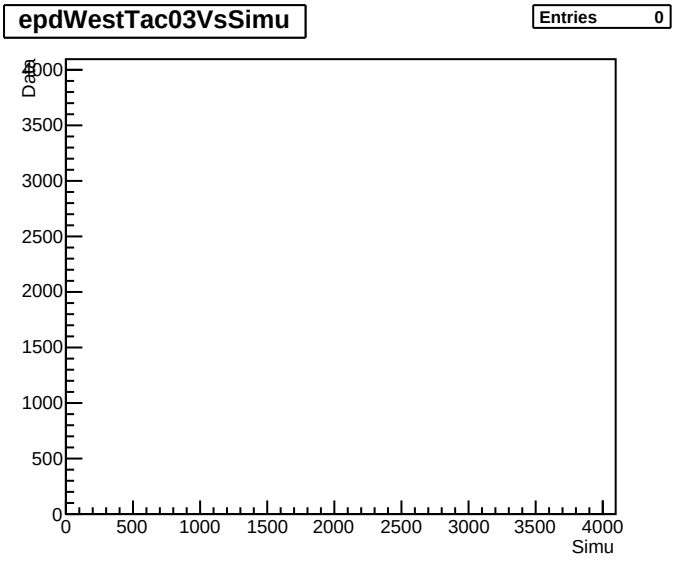
Entries 0
Data
Simu


epdWestTac03
Entries 400693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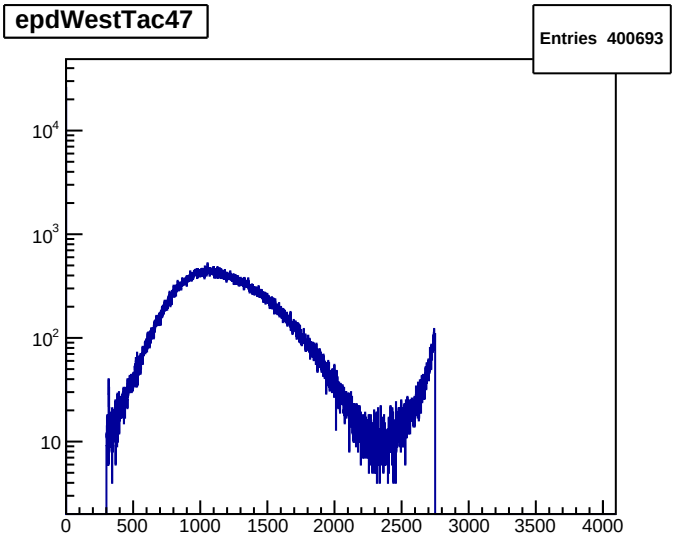
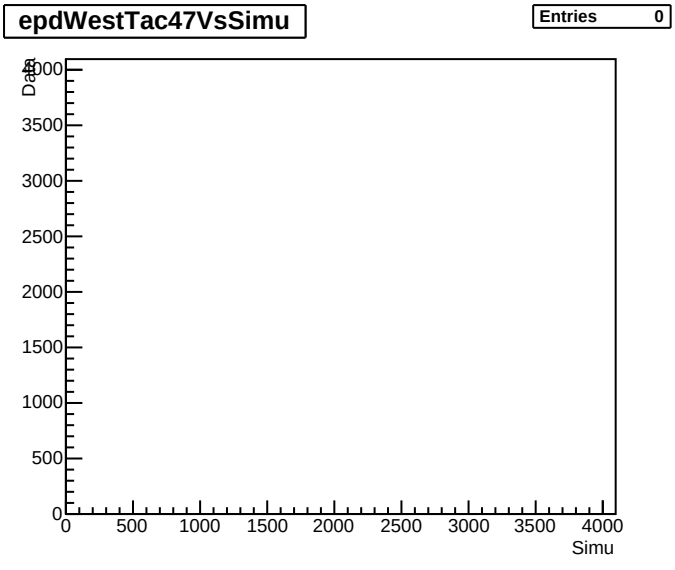
Entries 0
Data
Simu


epdWestTac47
Entries 400693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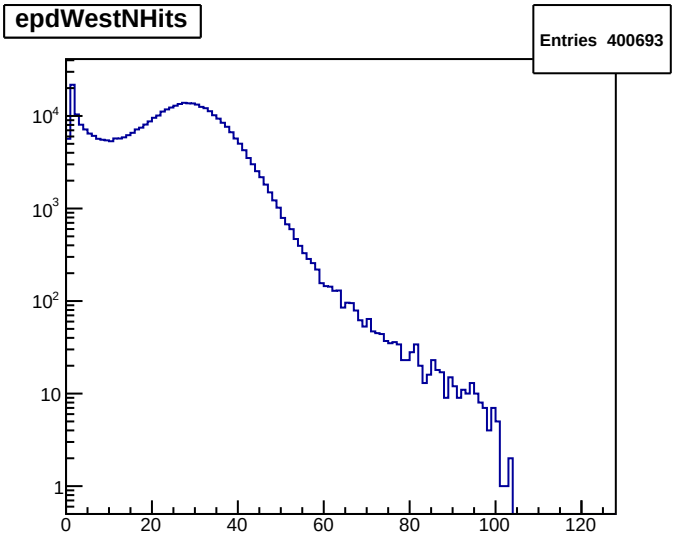
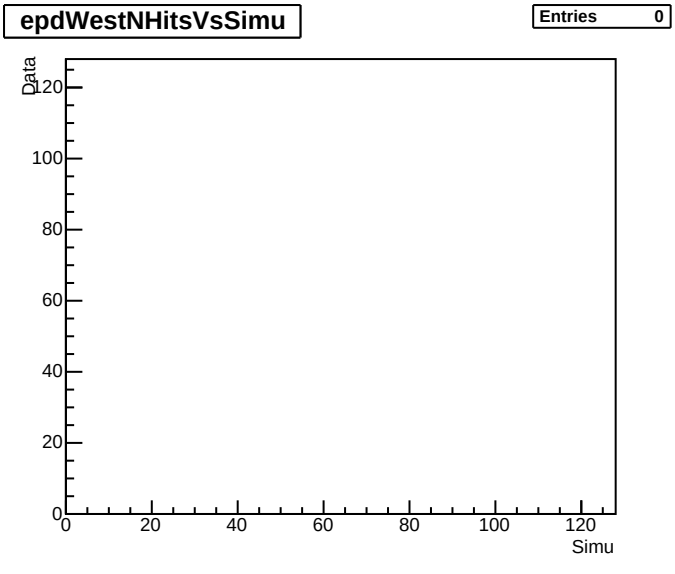
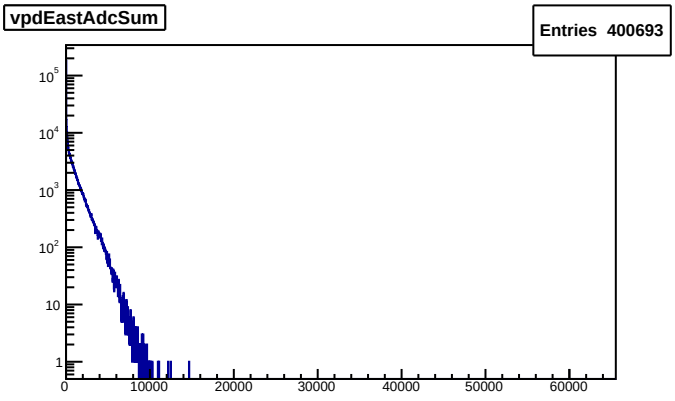
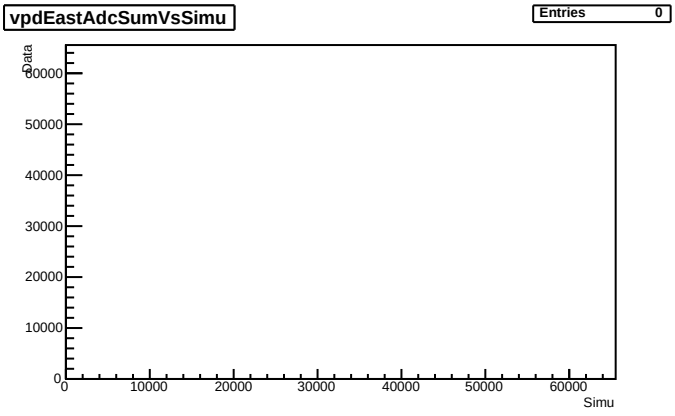
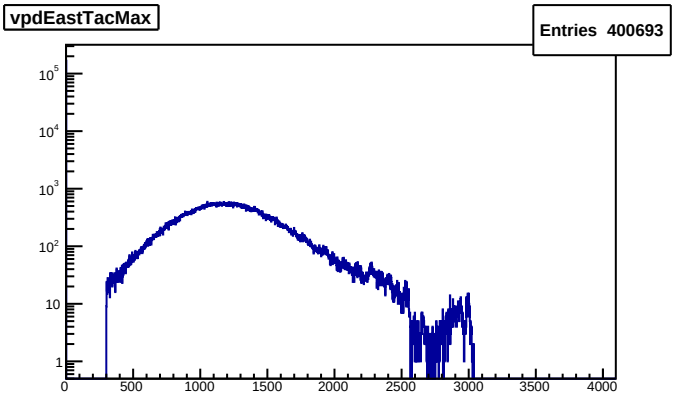
Entries 0
Data
Simu


epdWestNHits
Entries 400693


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 400693


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
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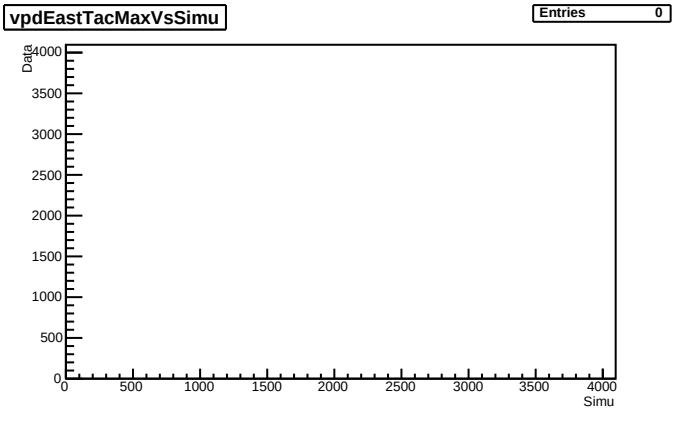
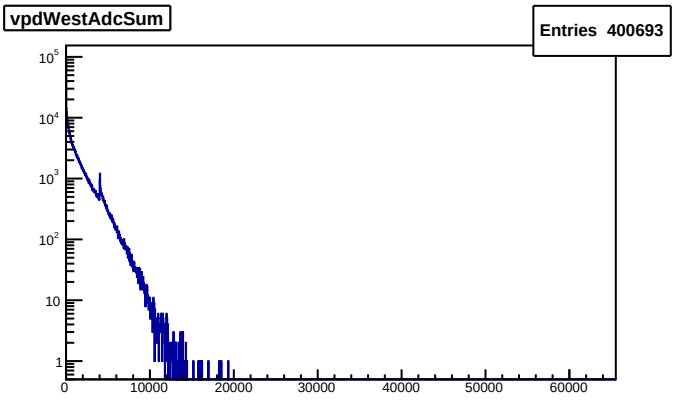
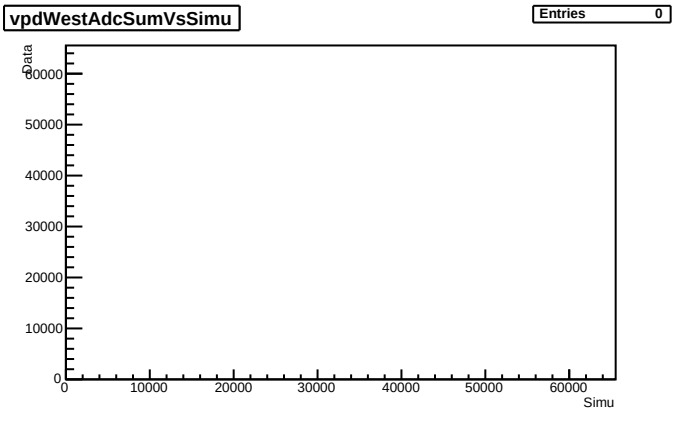
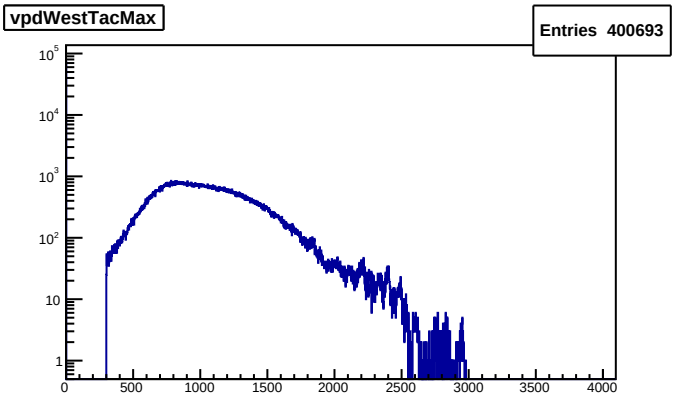
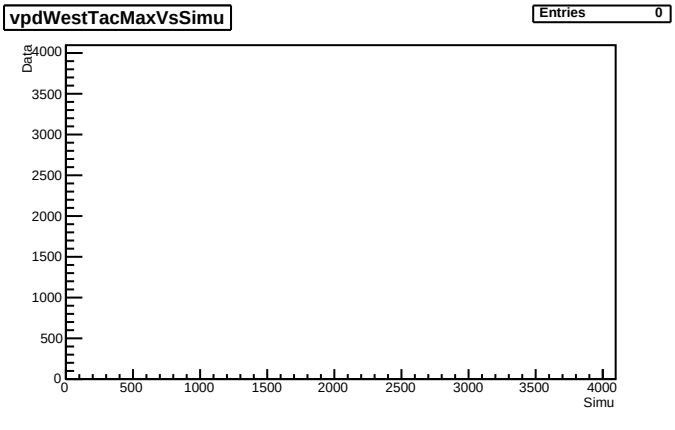
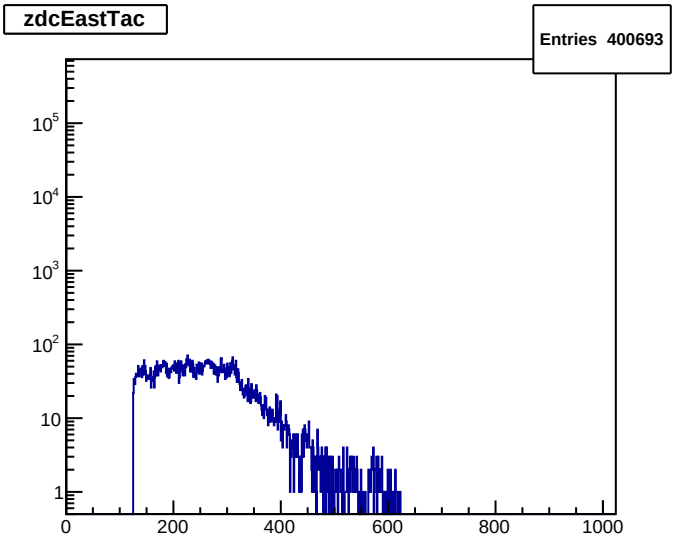

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

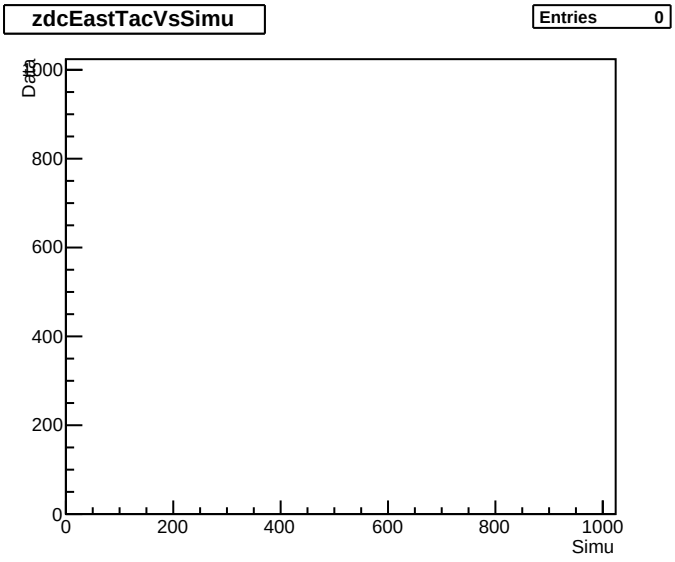

vpdWestAdcSum
Entries 400693

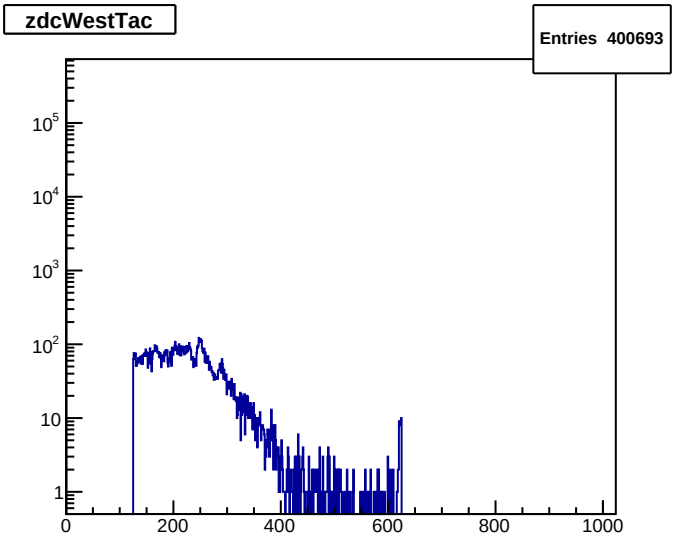

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

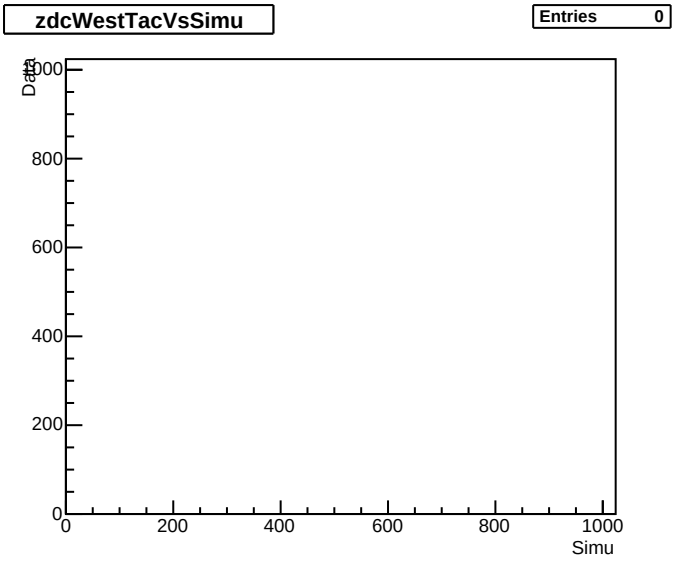

vpdWestTacMax
Entries 400693

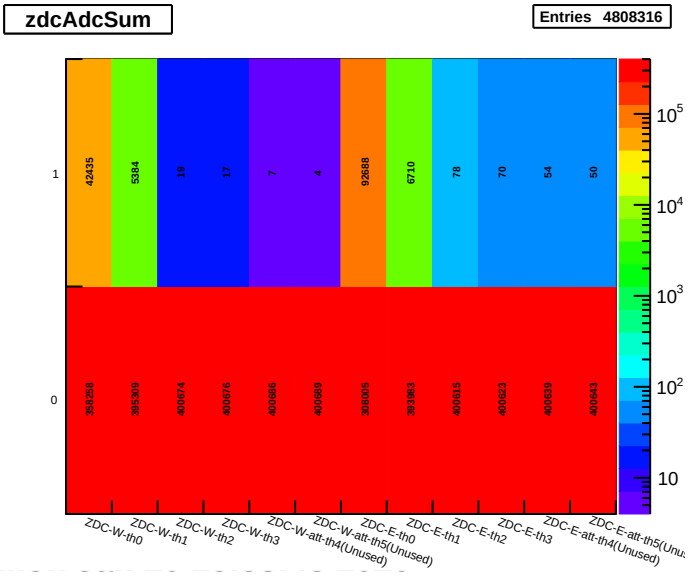

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

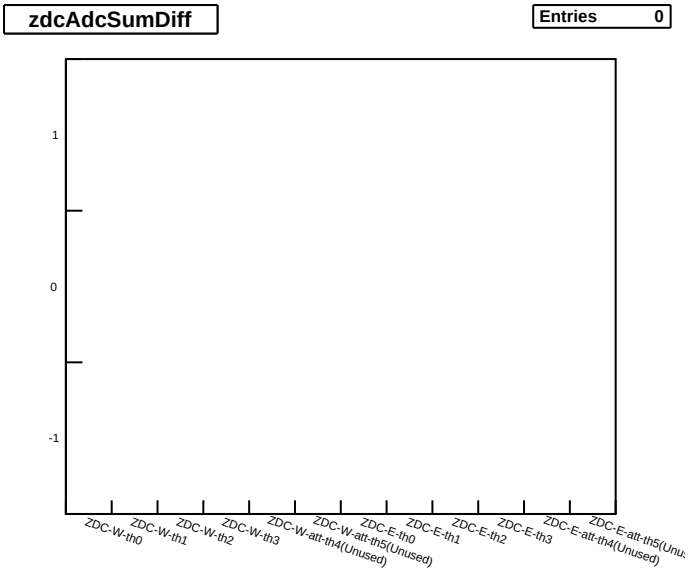

zdcEastTac
Entries 400693
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

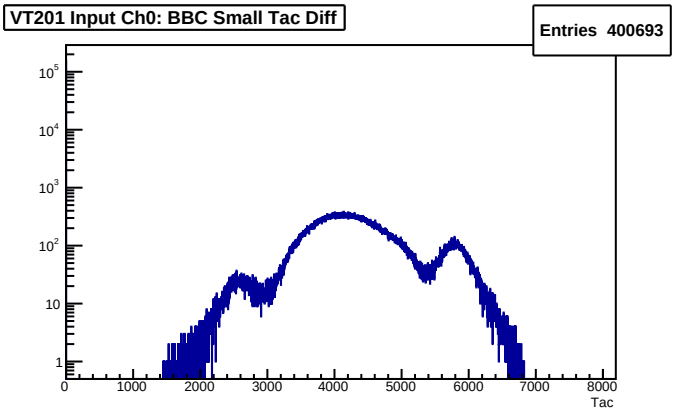

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

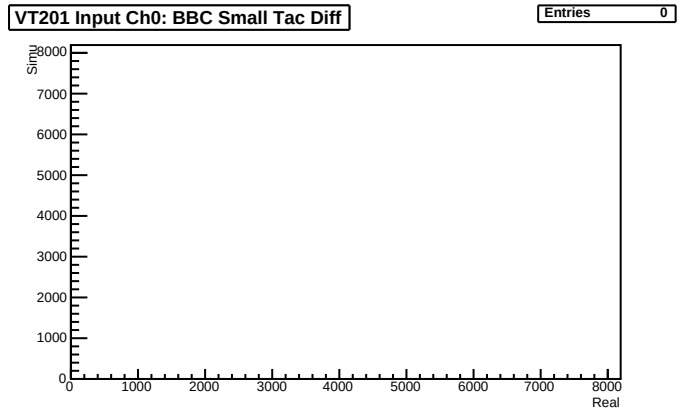

zdcWestTac
Entries 400693
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

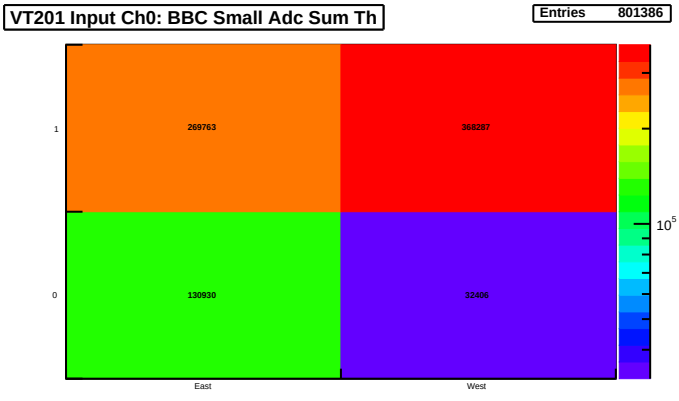

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

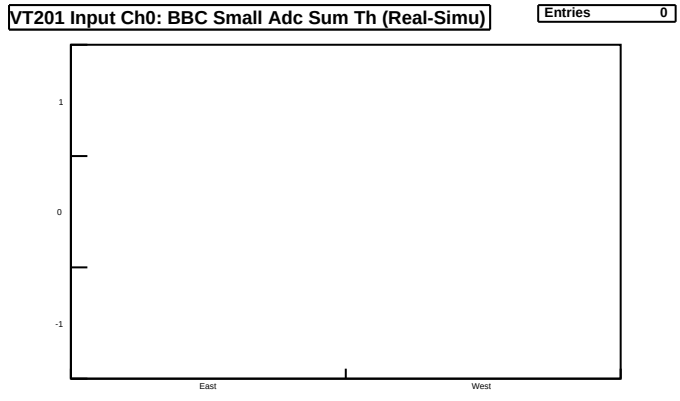

zdcAdcSum
Entries 4808316
1
0
42435
5384
19
17
7
4
92688
6710
78
70
54
50
358258
395309
400674
400676
400686
400689
308005
393983
400615
400623
400639
400643
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

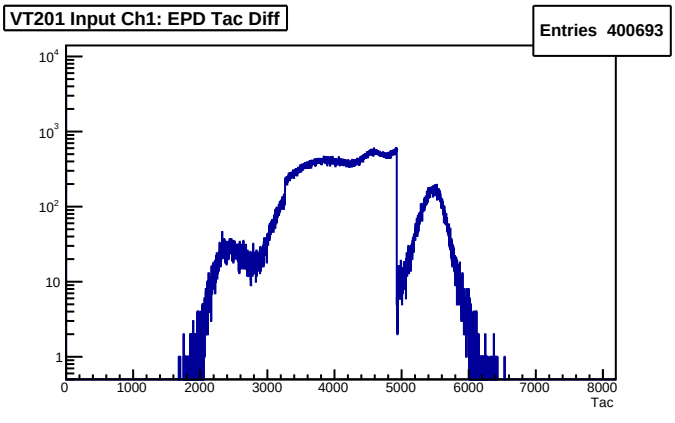

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

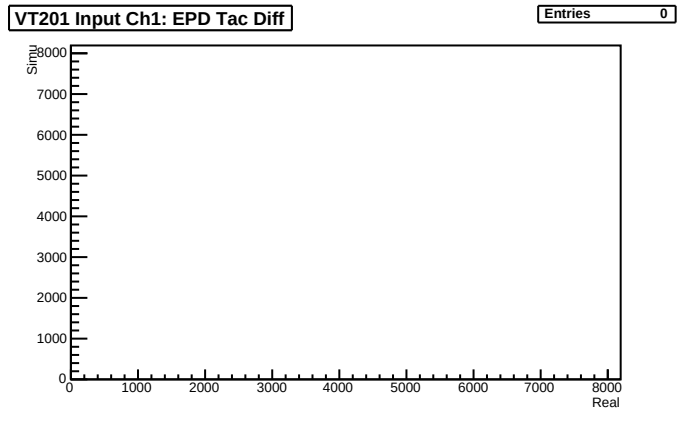

VT201 Input Ch0: BBC Small Tac Diff
Entries 400693
Tac

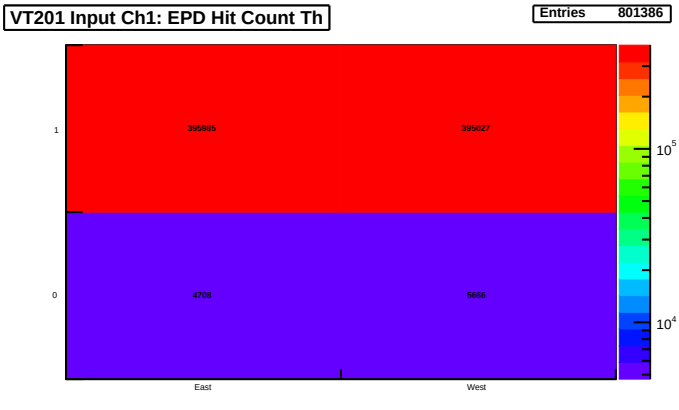

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

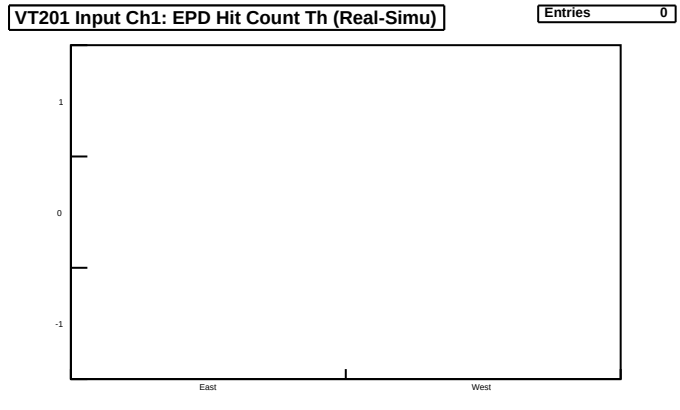

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 801386
269763
368287
130930
32406
East
West

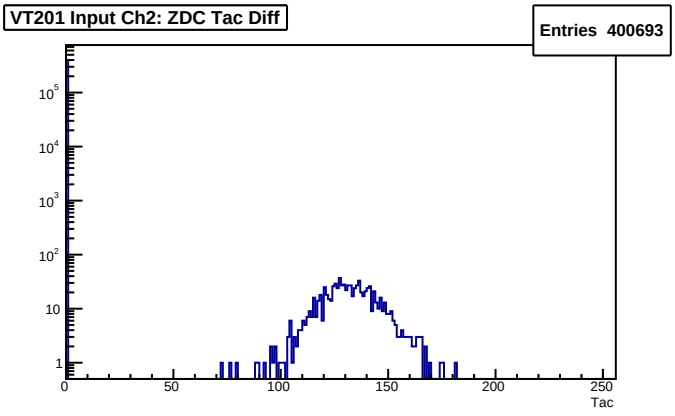

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

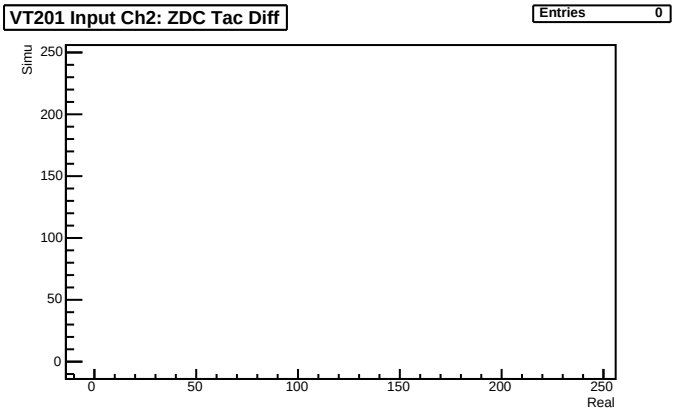

VT201 Input Ch1: EPD Tac Diff
Entries 400693
Tac

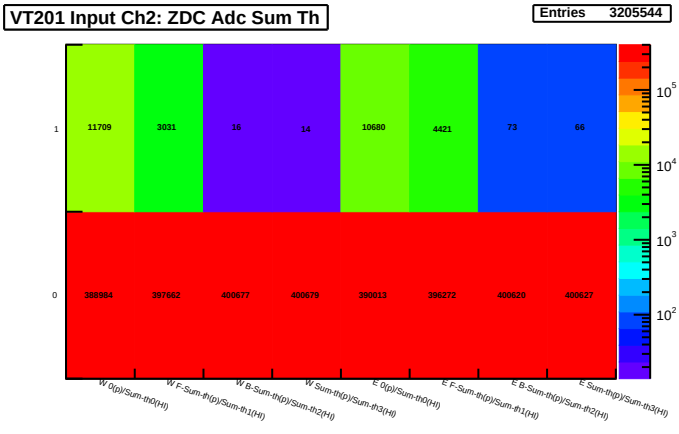

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

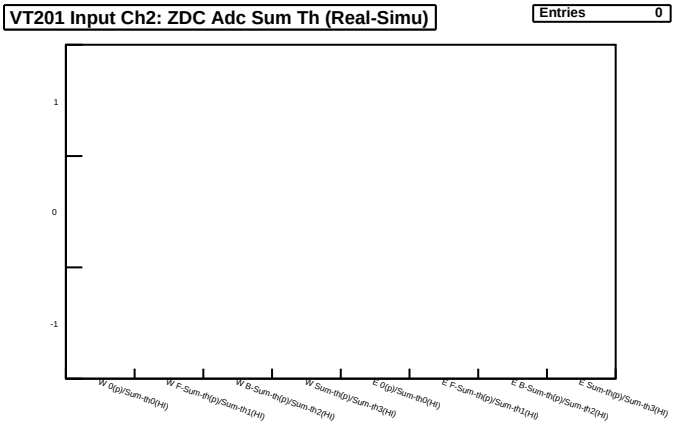

VT201 Input Ch1: EPD Hit Count Th
Entries 801386
395985
395027
4708
5666
East
West

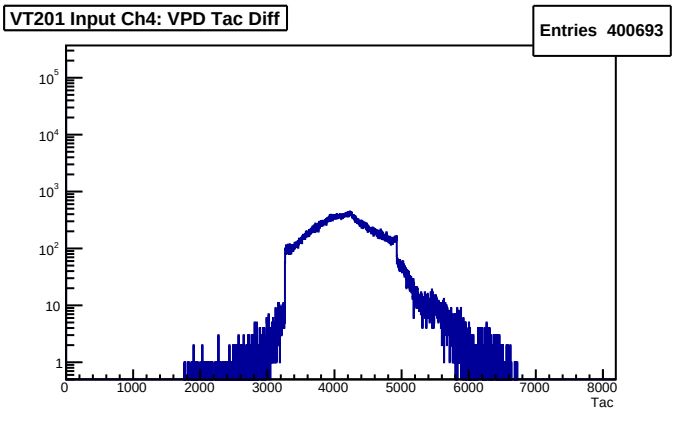

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

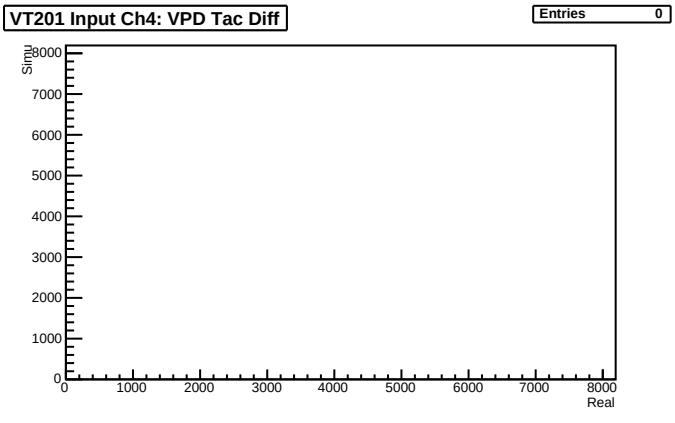

VT201 Input Ch2: ZDC Tac Diff
Entries 400693
Tac

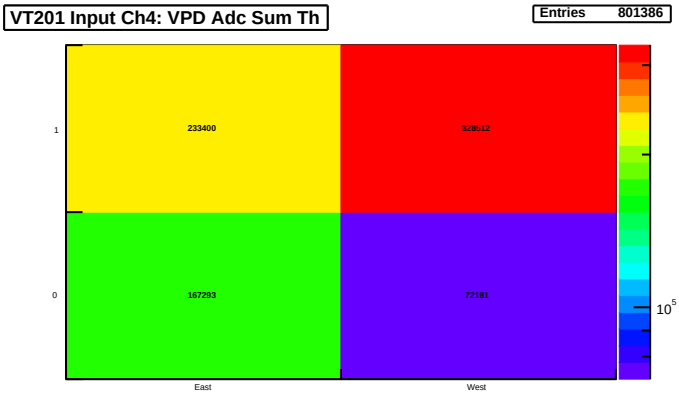

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

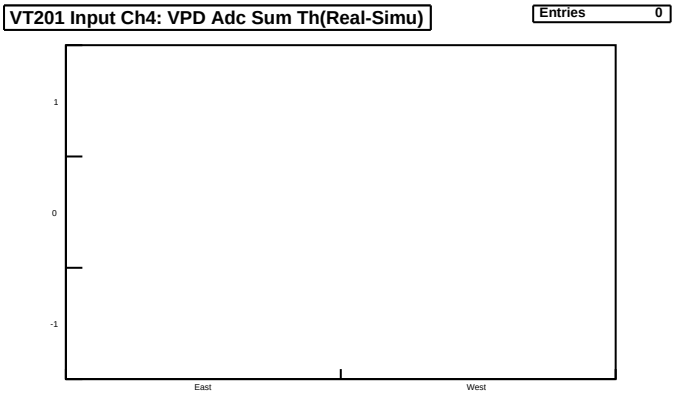

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3205544
11709
3031
16
14
10680
4421
73
66
388984
397662
400677
400679
390013
396272
400620
400627
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

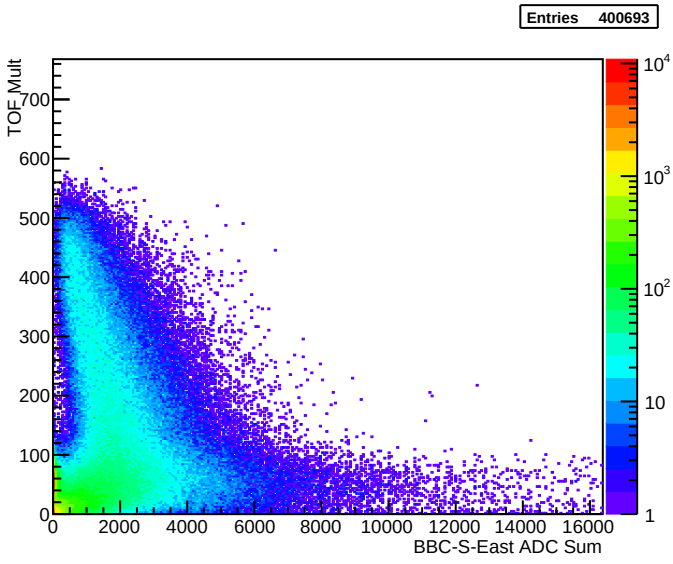

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

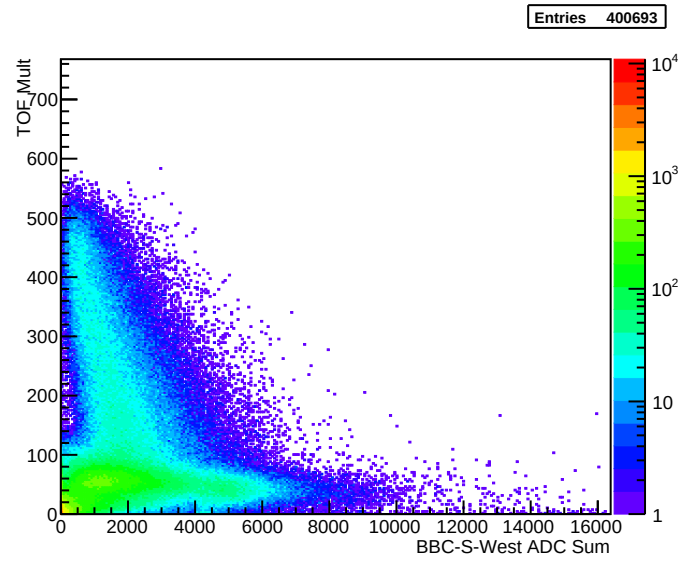

VT201 Input Ch4: VPD Tac Diff
Entries 400693
Tac

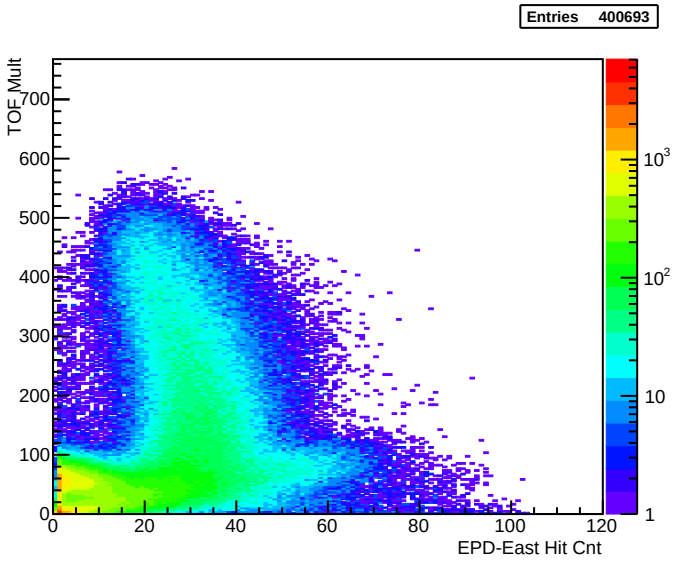

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

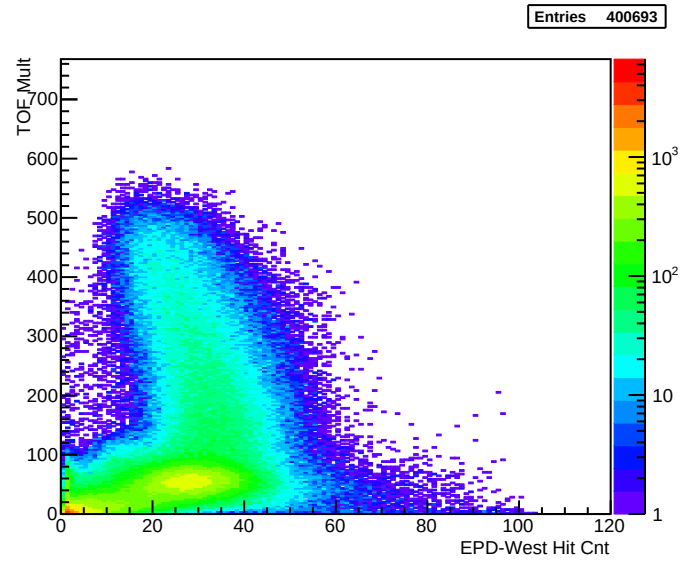

VT201 Input Ch4: VPD Adc Sum Th
Entries 801386
233400
328512
167293
72181
East
West

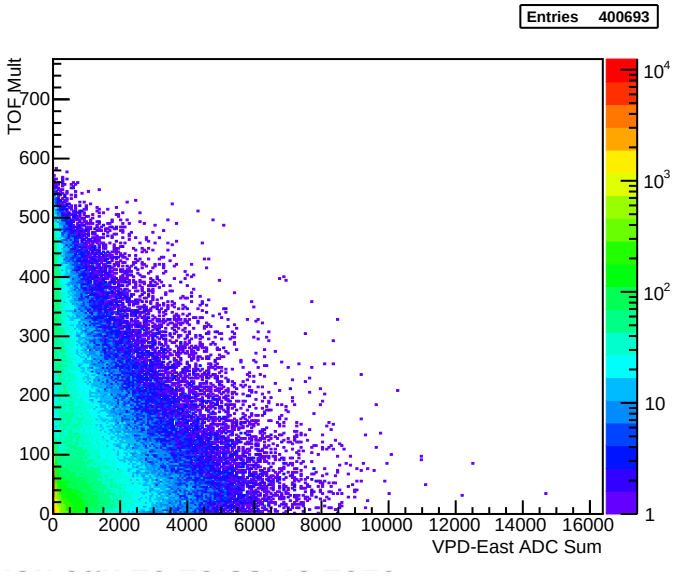

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

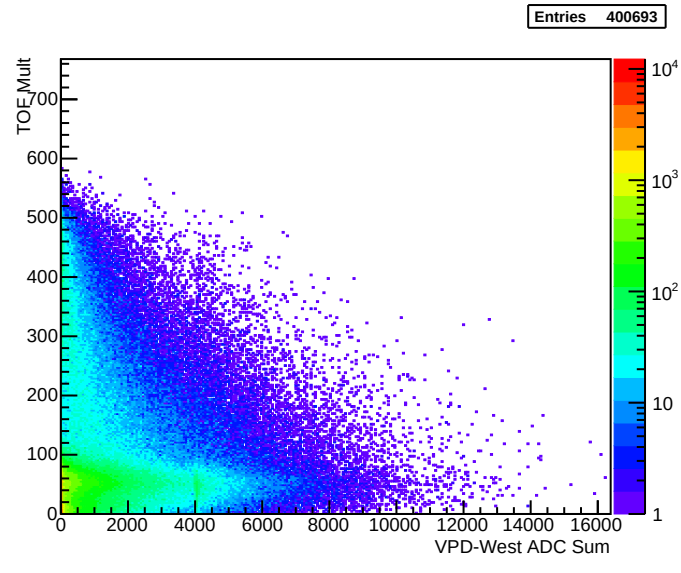

Entries 400693
TOF_Mult
BBC-S-East ADC Sum

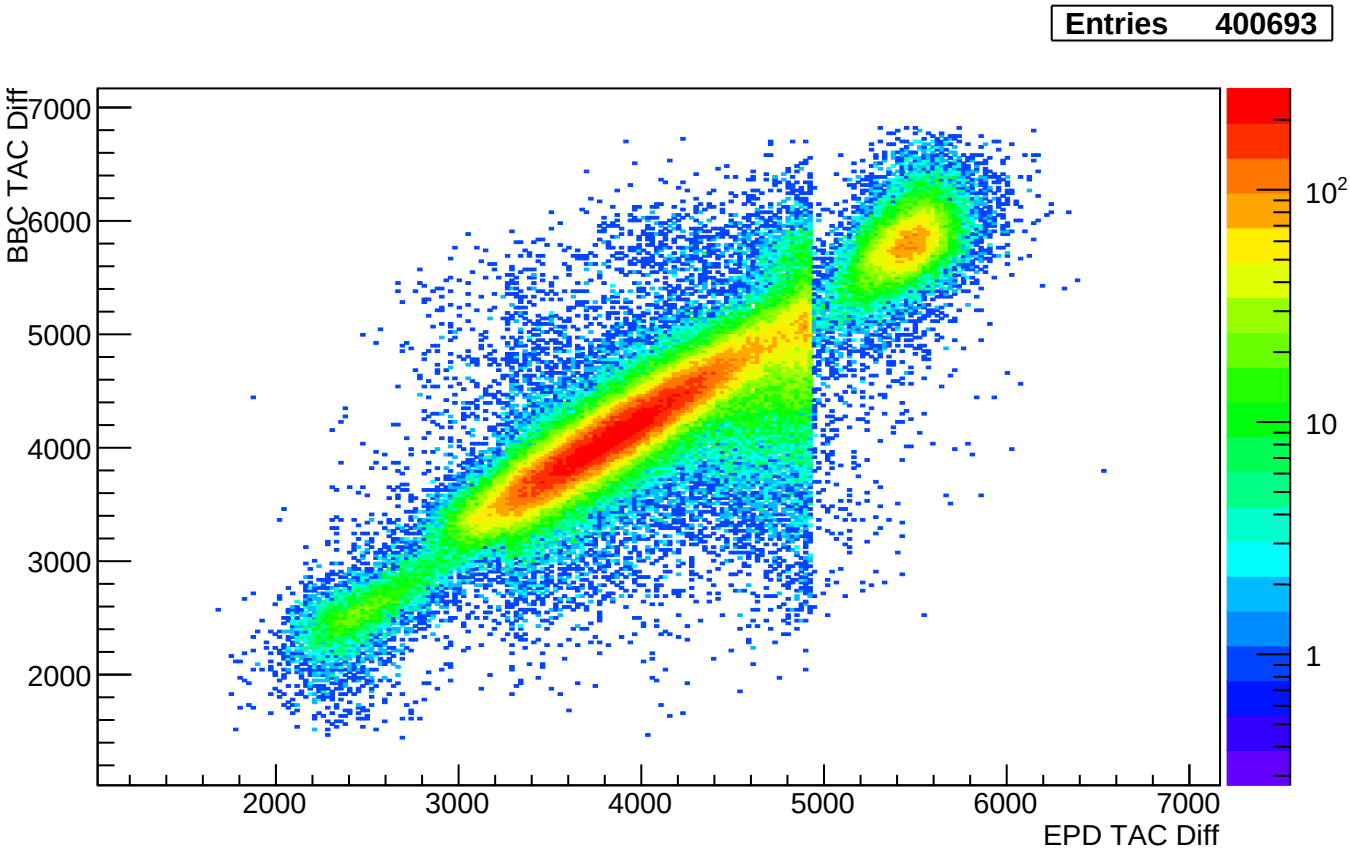

Entries 400693
TOF_Mult
BBC-S-West ADC Sum

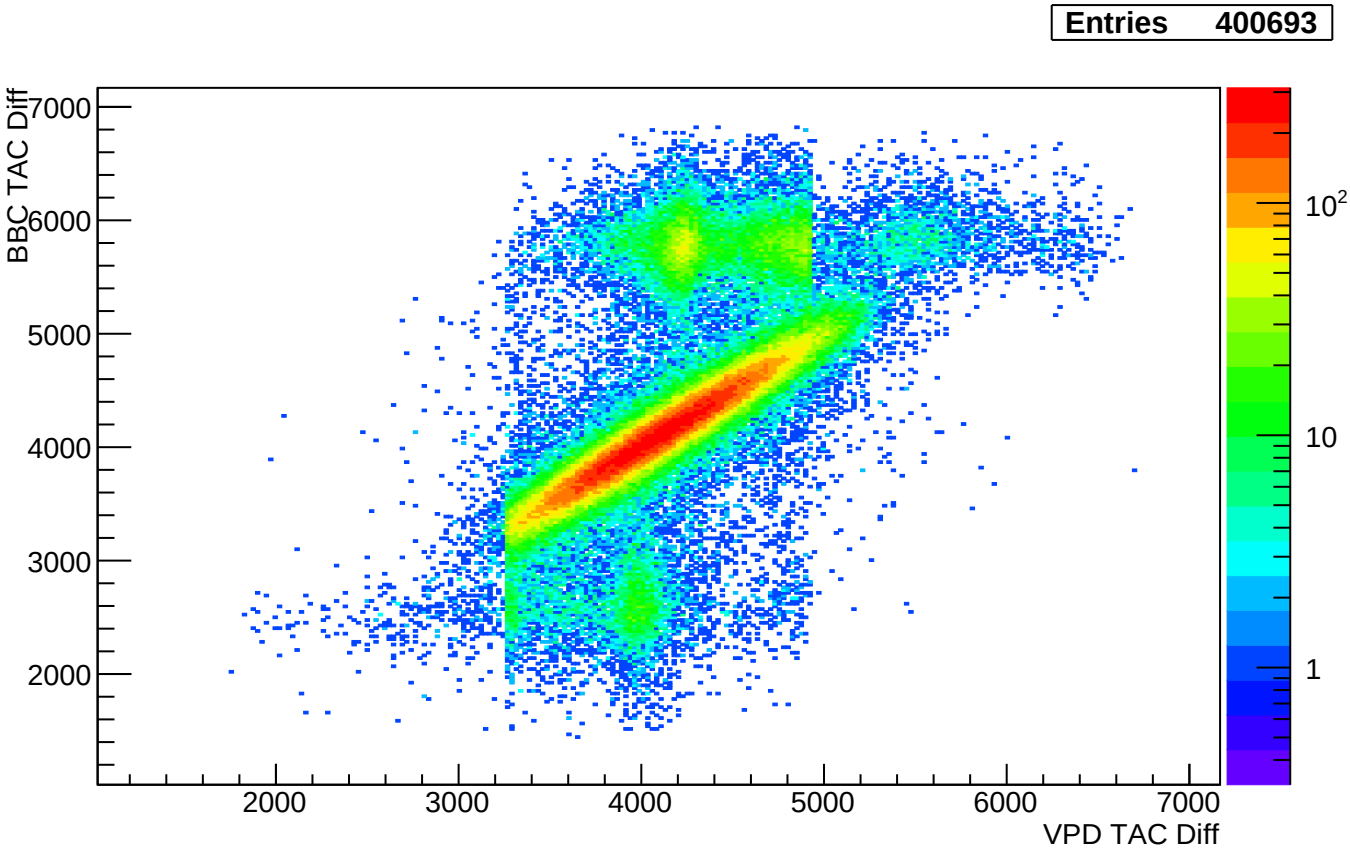

Entries 400693
TOF_Mult
EPD-East Hit Cnt

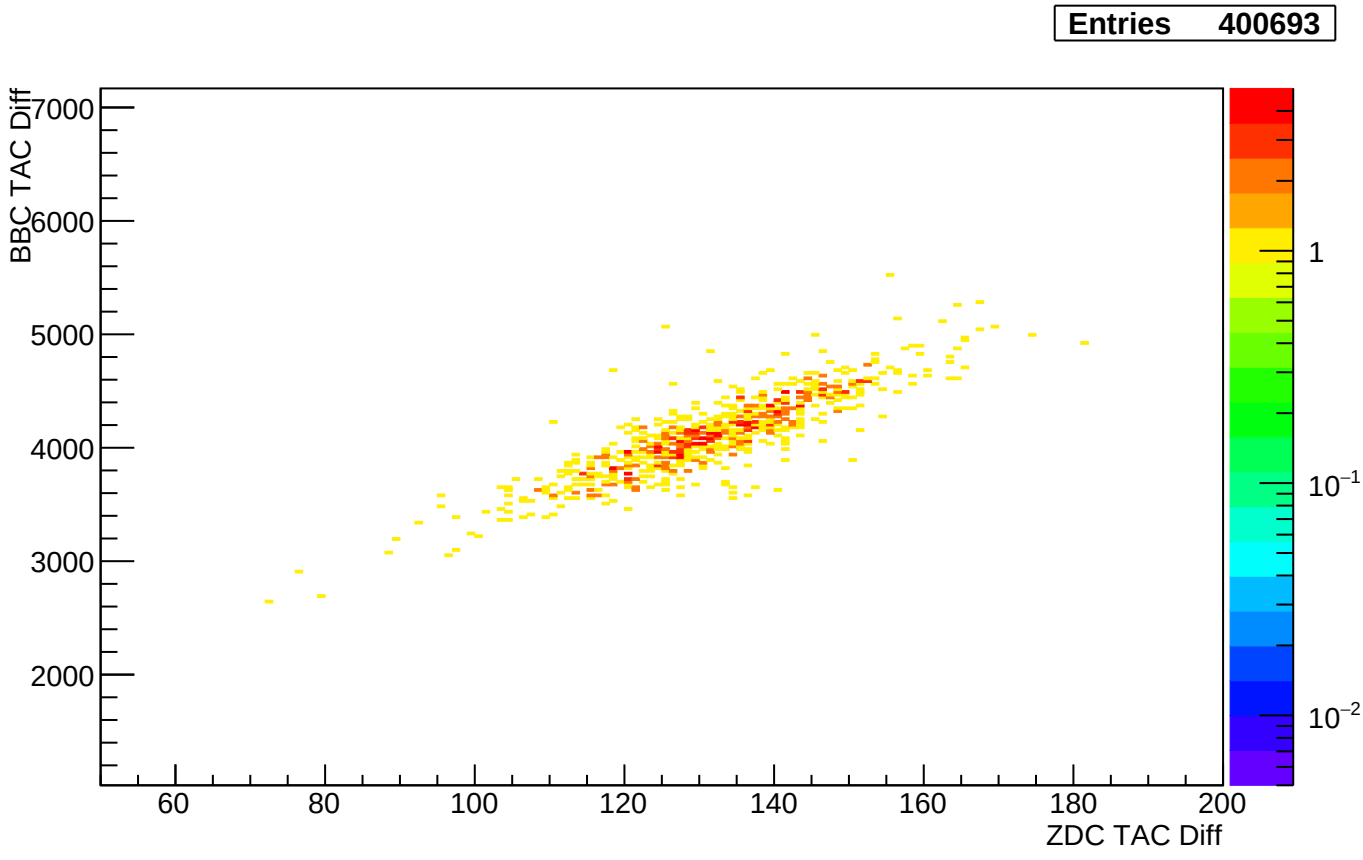

Entries 400693
TOF_Mult
EPD-West Hit Cnt

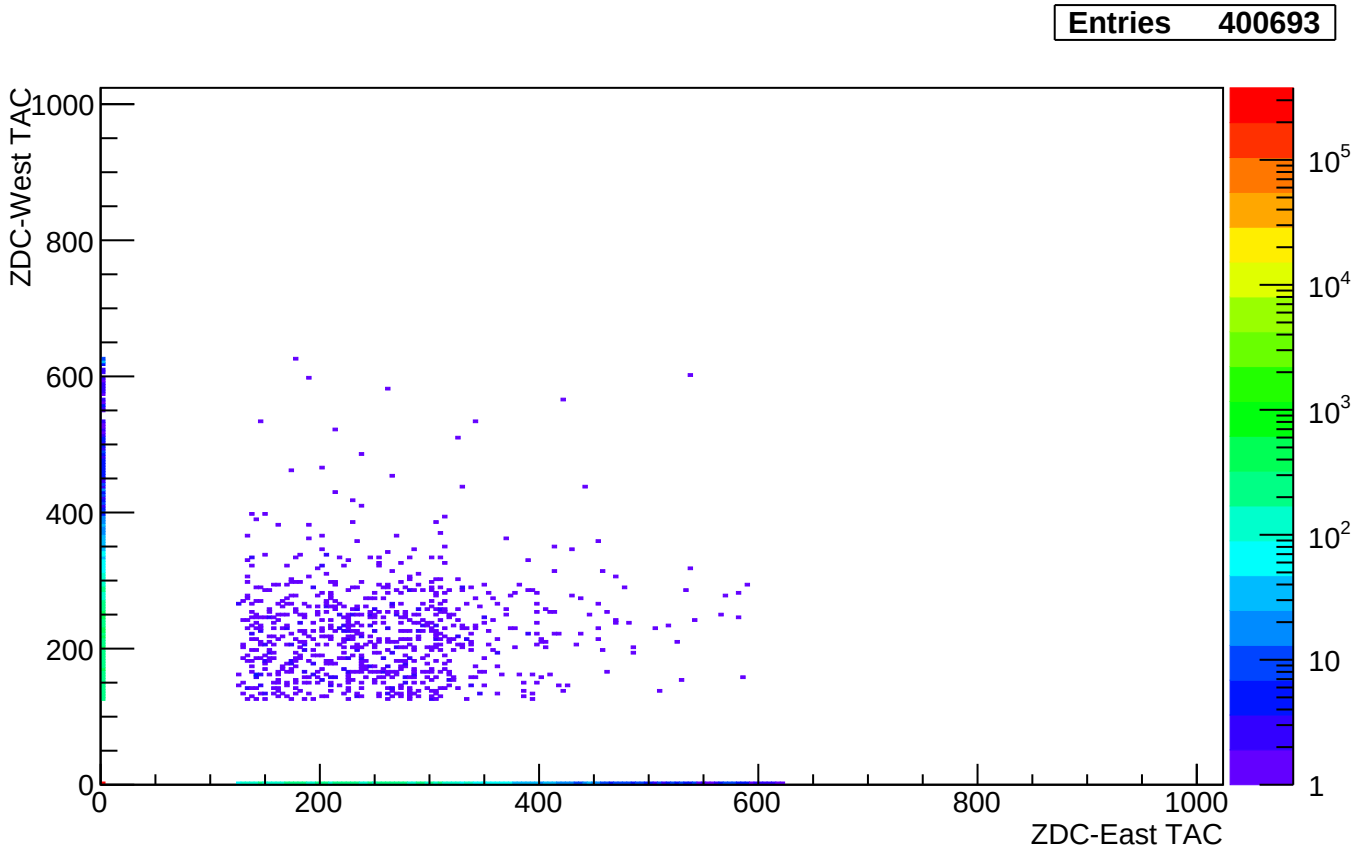

Entries 400693
TOF_Mult
VPD-East ADC Sum

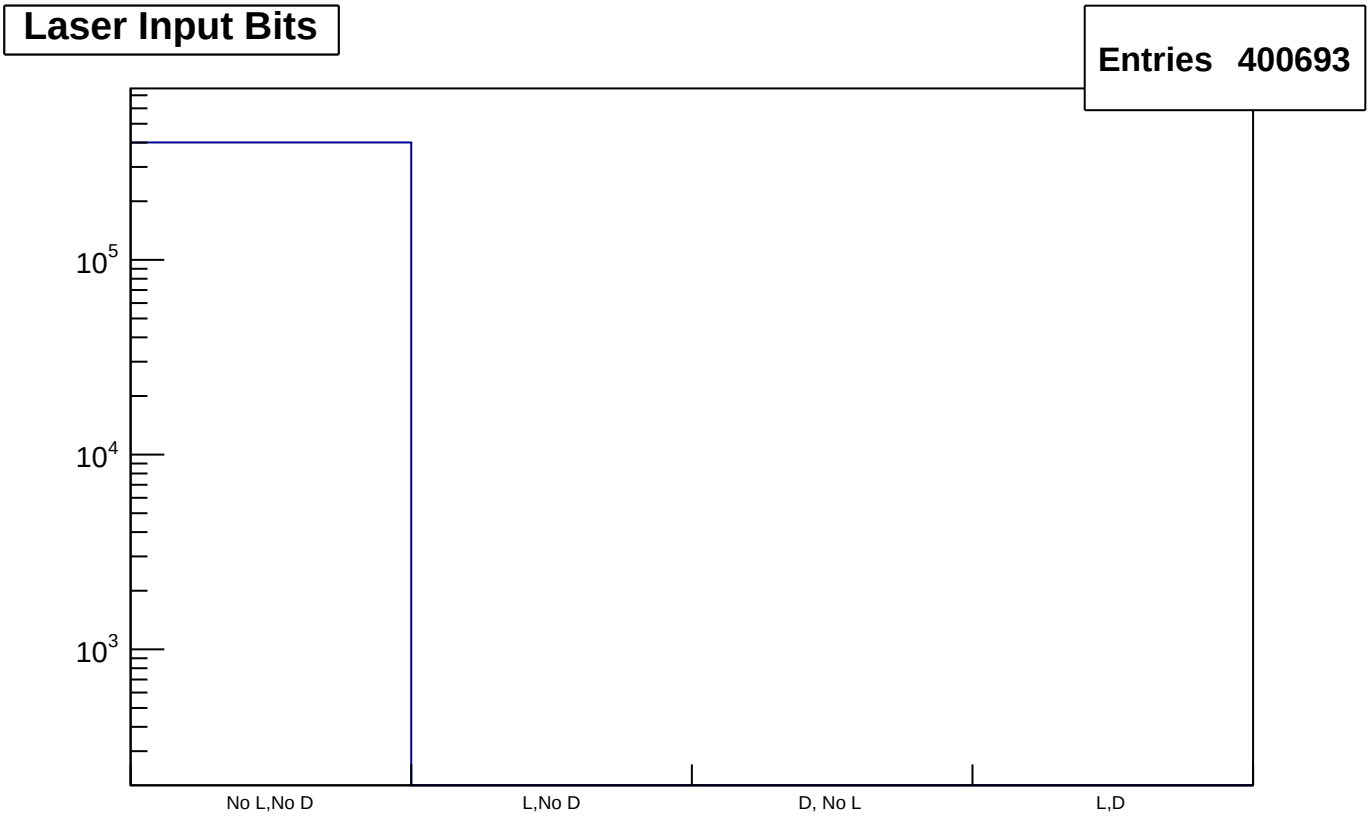

Entries 400693
TOF_Mult
VPD-West ADC Sum

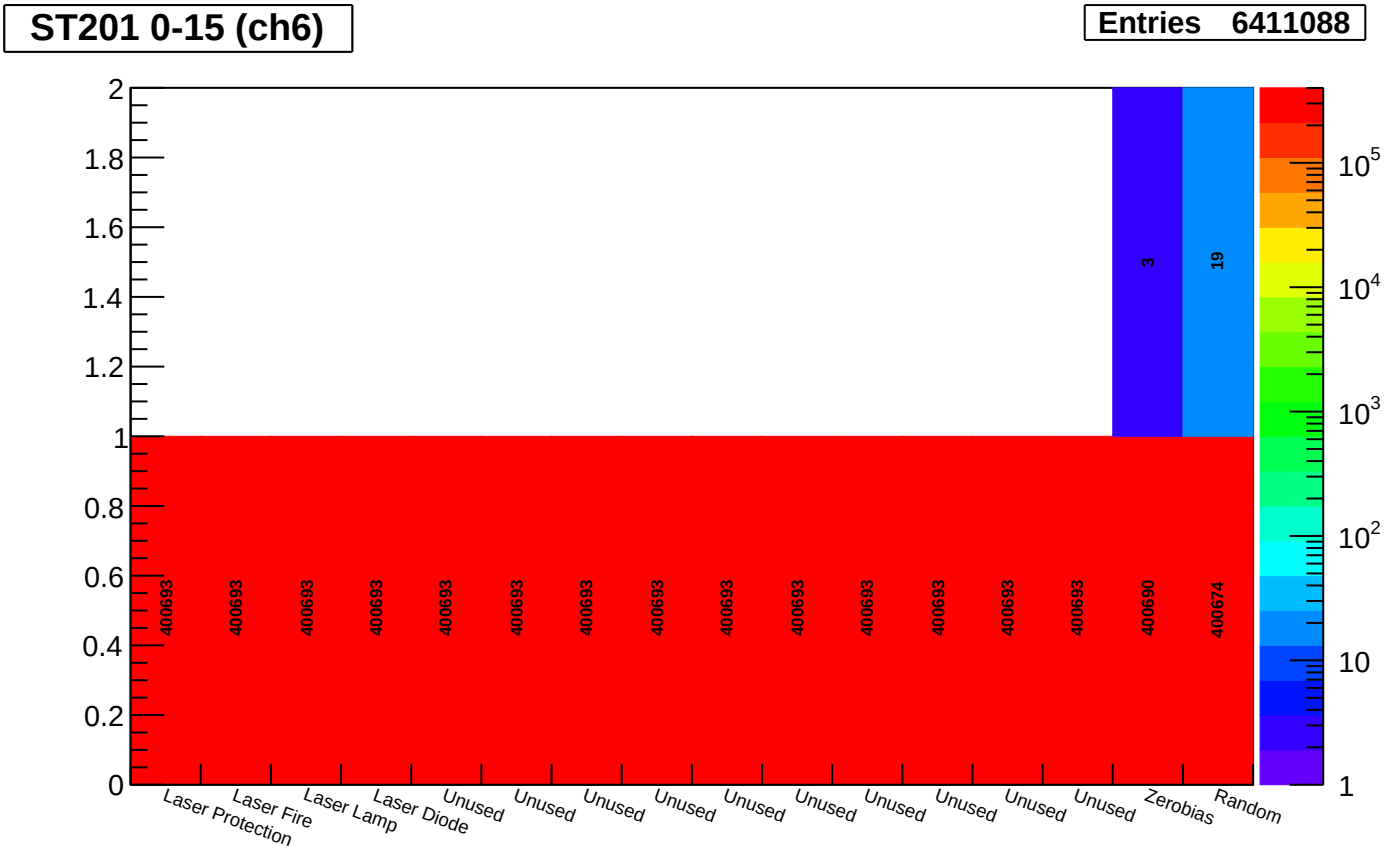

Entries 400693
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

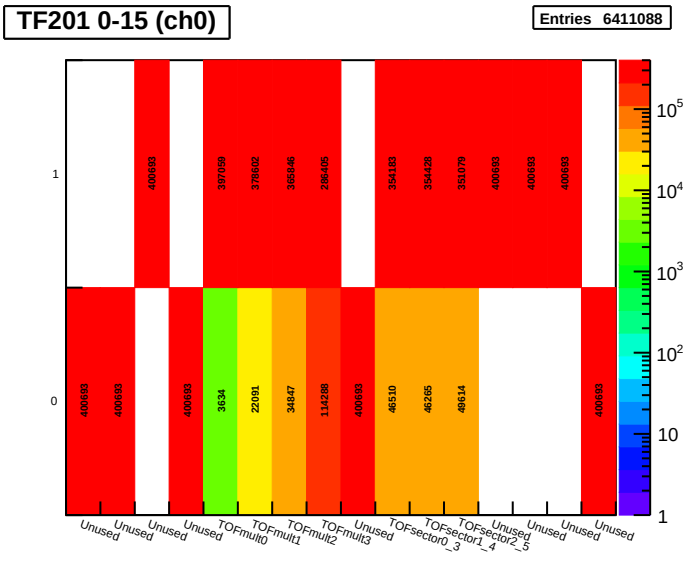

Entries 400693
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

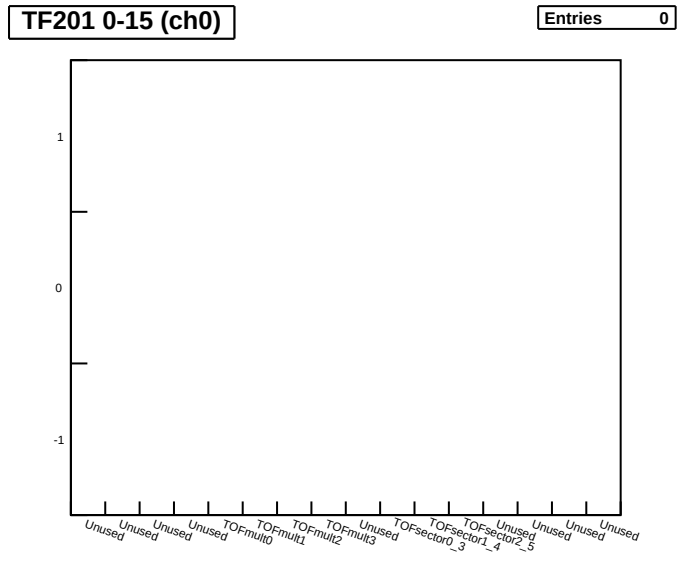

Entries 400693
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

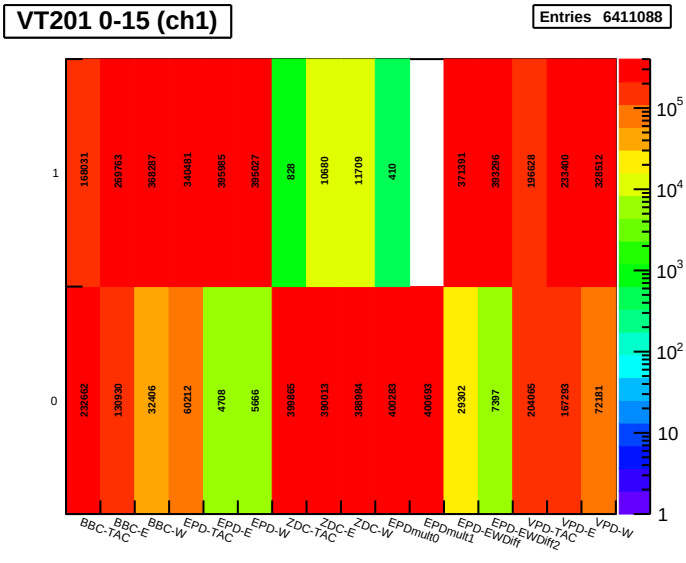

Entries 400693
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

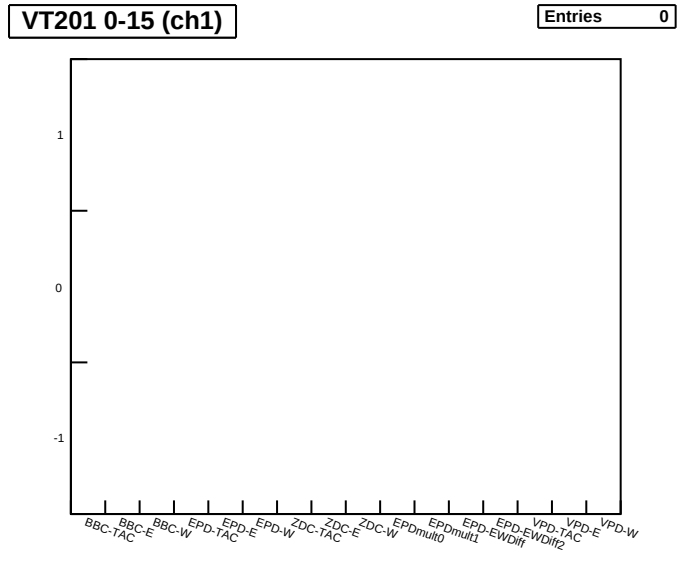

Laser Input Bits
Entries 400693
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

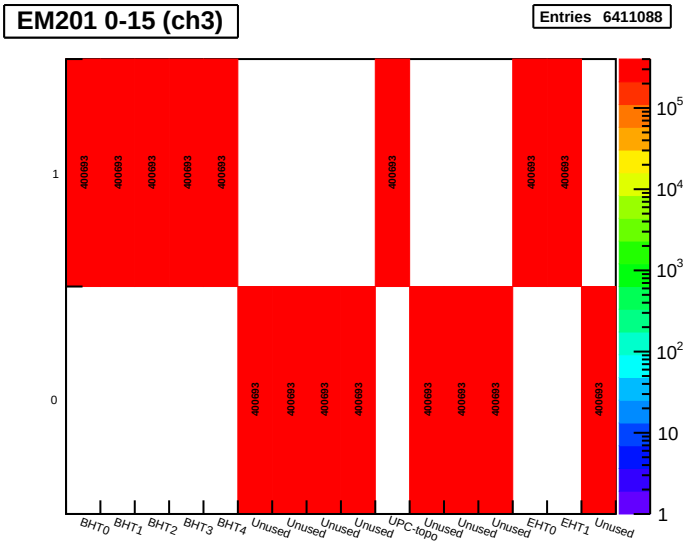

ST201 0-15 (ch6)
Entries 6411088
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400690
400674
3
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

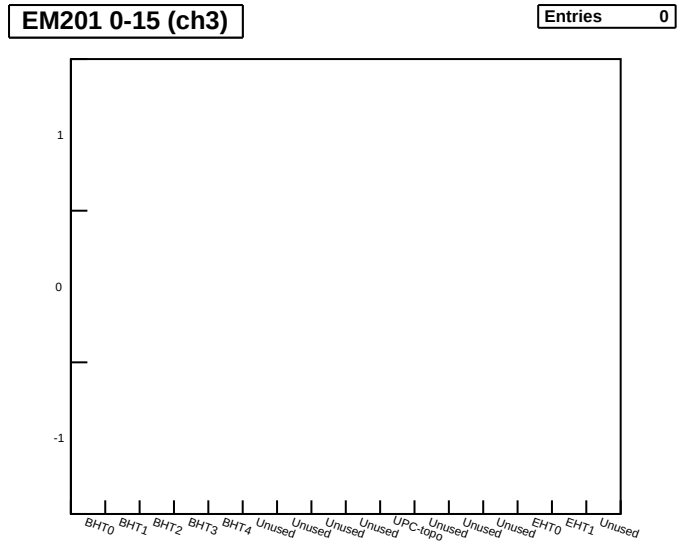

TF201 0-15 (ch0)
Entries 6411088
1
0
400693
397059
378602
365046
286405
354183
354428
351079
400693
400693
400693
400693
400693
400693
3634
22091
34847
114288
400693
46510
46265
49614
400693
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 6411088
1
0
168031
269763
368287
340481
395985
395027
828
10680
11709
410
371391
393296
196628
233400
328512
232662
130930
32406
60212
4708
5666
399865
390013
388984
400283
400693
29302
7397
204065
167293
72181
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 6411088
1
0
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
400693
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