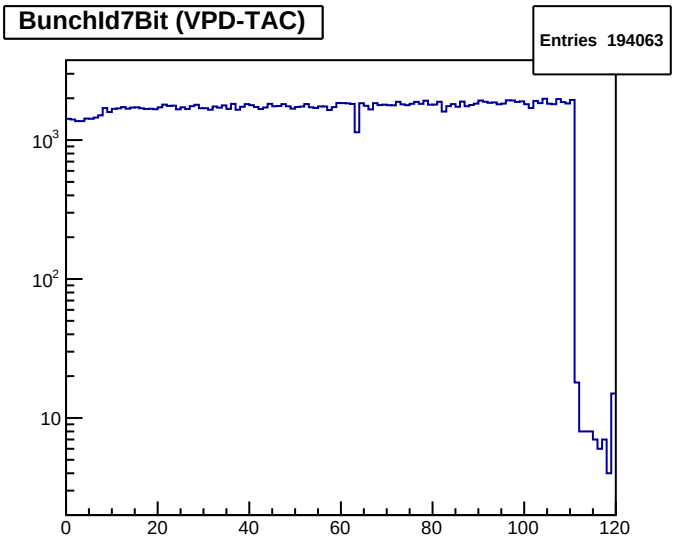
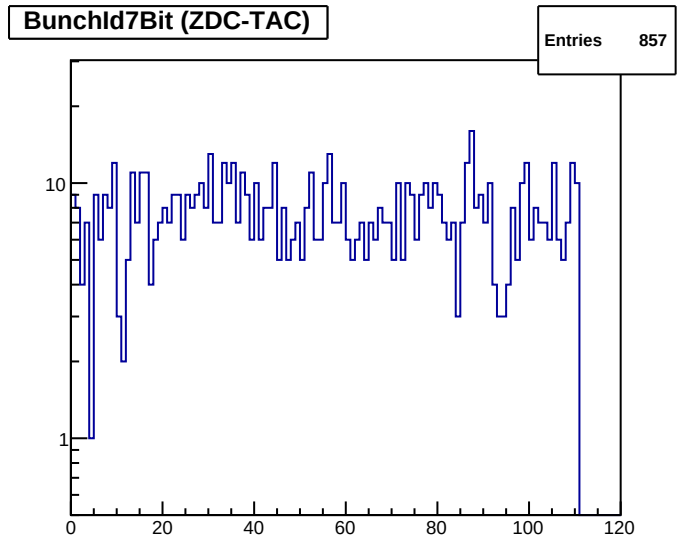
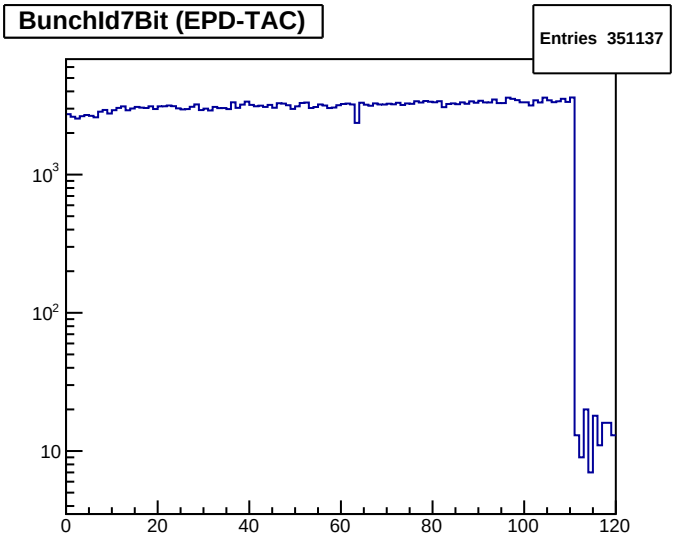
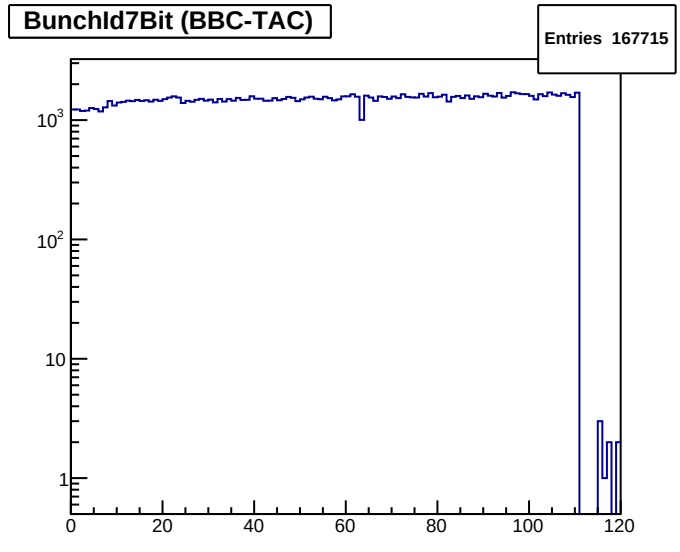
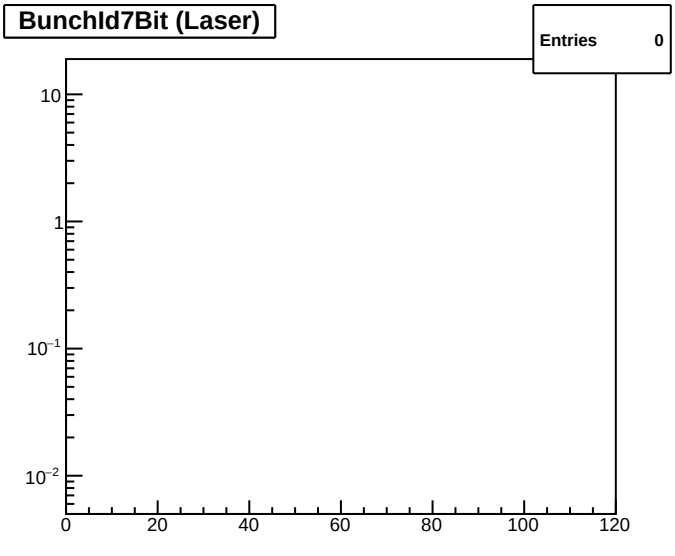
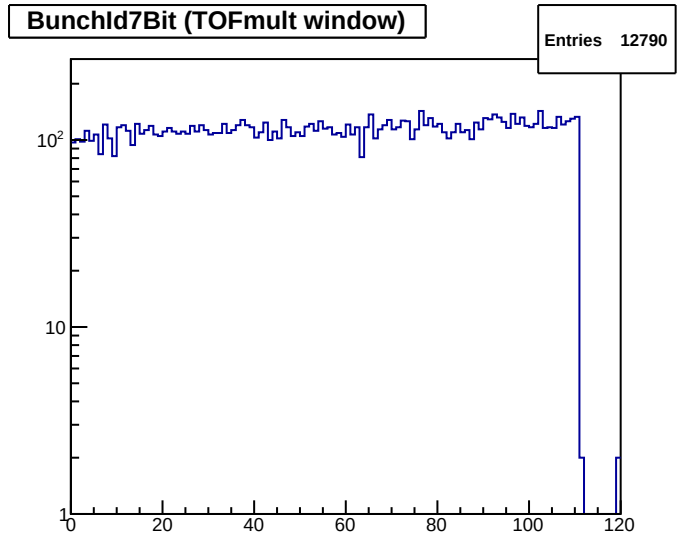

BunchId7Bit (VPD-TAC)
Entries 194063

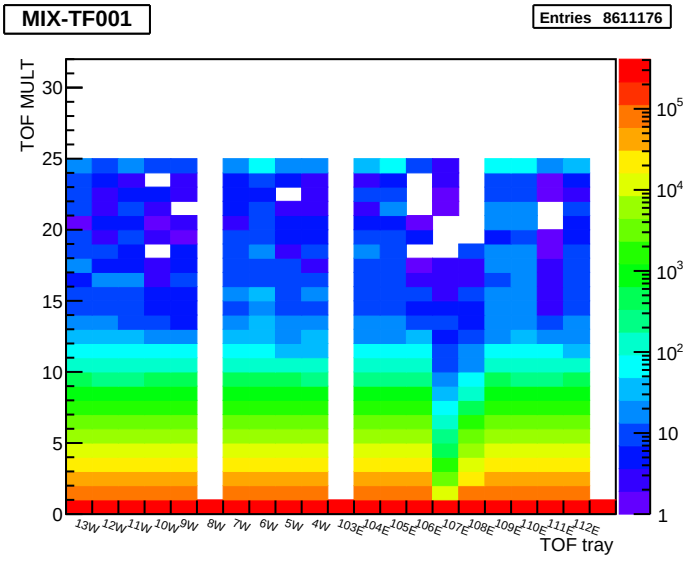

BunchId7Bit (ZDC-TAC)
Entries 857

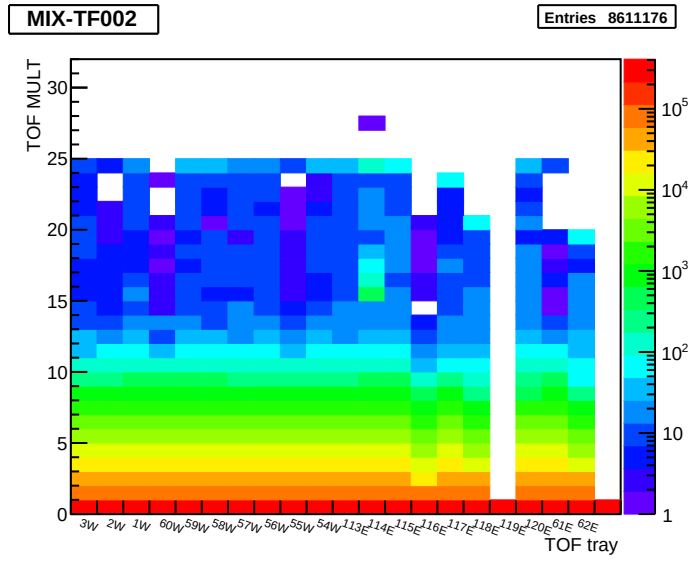

BunchId7Bit (EPD-TAC)
Entries 351137

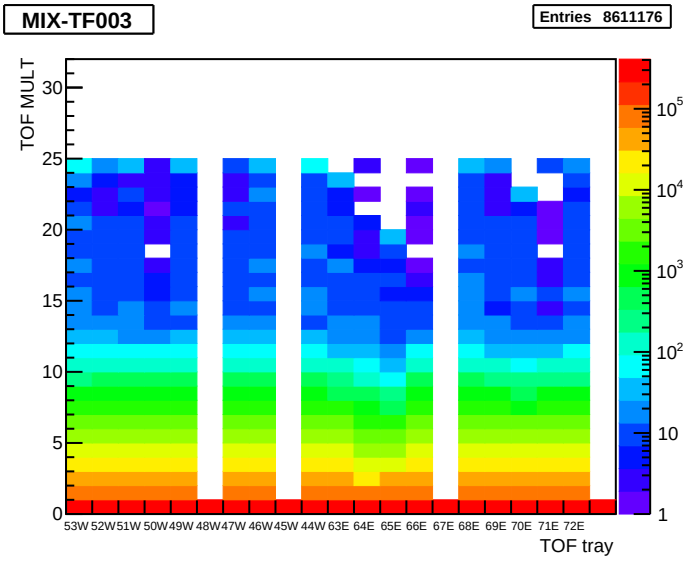

BunchId7Bit (BBC-TAC)
Entries 167715

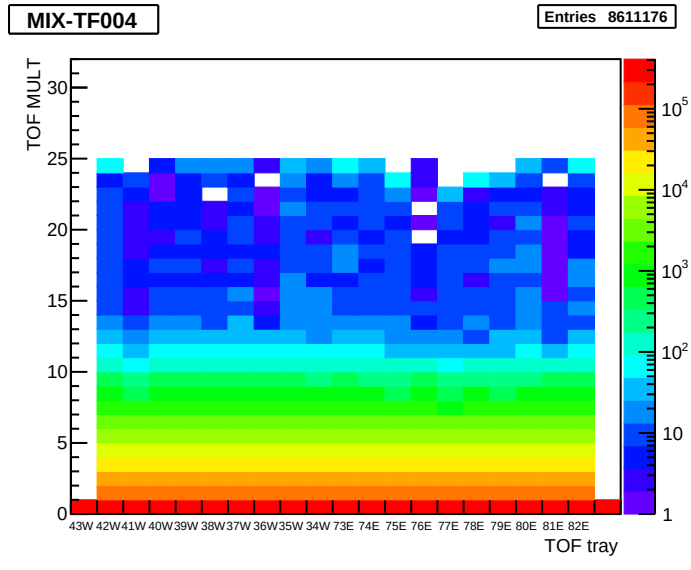

BunchId7Bit (Laser)
Entries 0

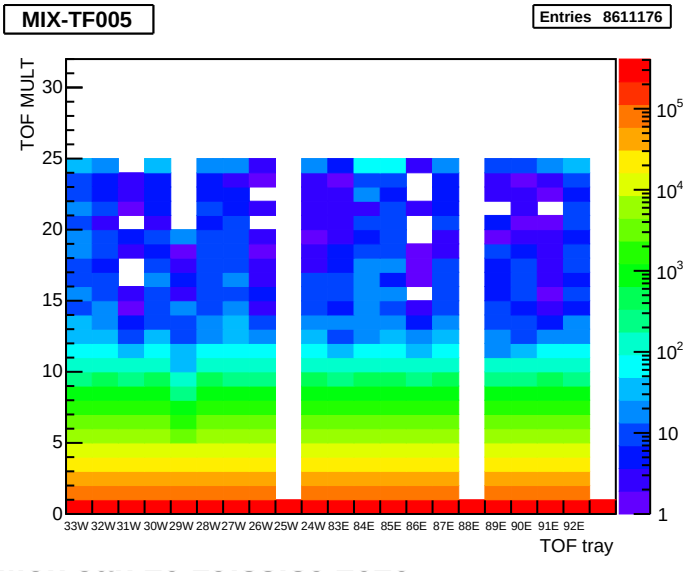

BunchId7Bit (TOFmult window)
Entries 12790

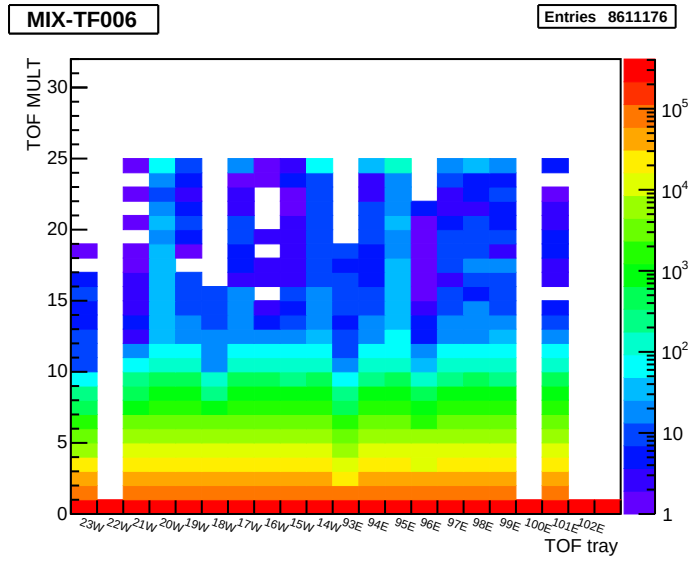

MIX-TF001
Entries 8611176
TOF MULT
TOF tray

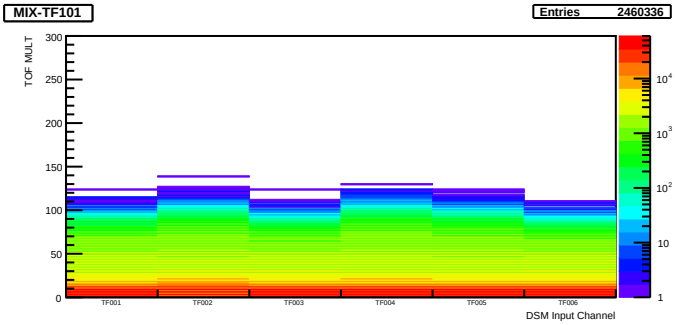

MIX-TF002
Entries 8611176
TOF MULT
TOF tray

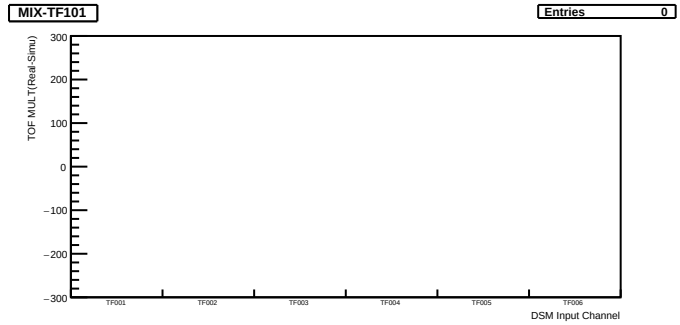

MIX-TF003
Entries 8611176
TOF MULT
TOF tray

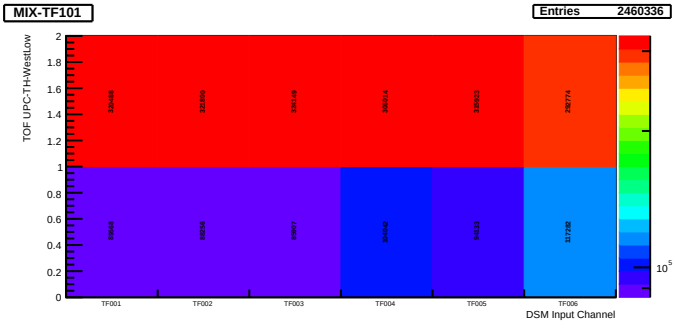

MIX-TF004
Entries 8611176
TOF MULT
TOF tray

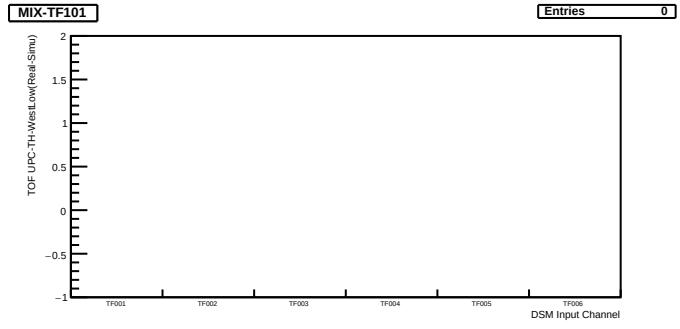

MIX-TF005
Entries 8611176
TOF MULT
TOF tray

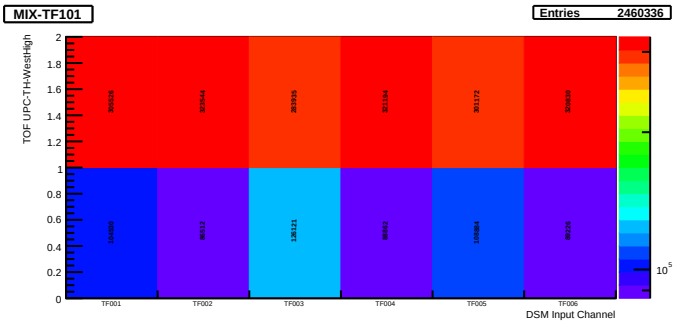

MIX-TF006
Entries 8611176
TOF MULT
TOF tray

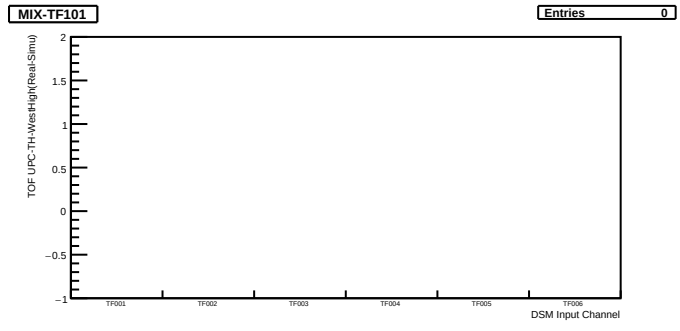

MIX-TF101
Entries 2460336
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

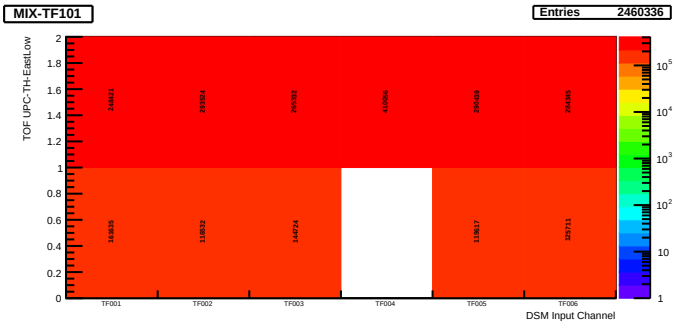

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

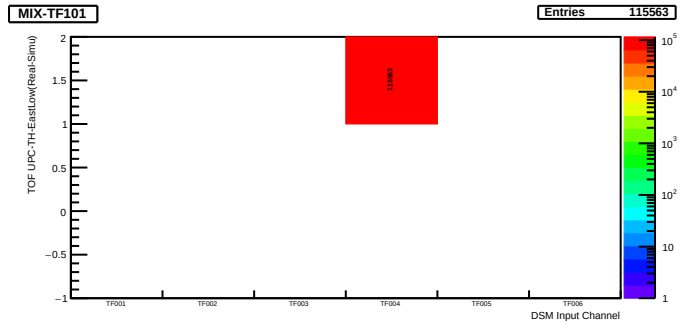

MIX-TF101
Entries 2460336
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

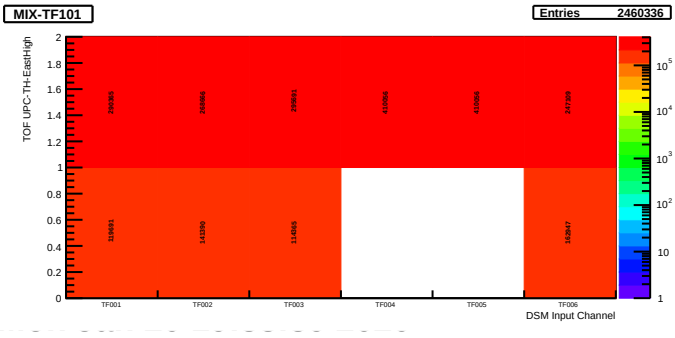

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

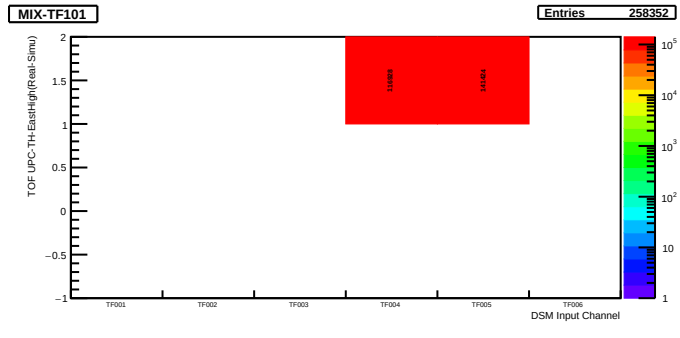

MIX-TF101
Entries 2460336
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

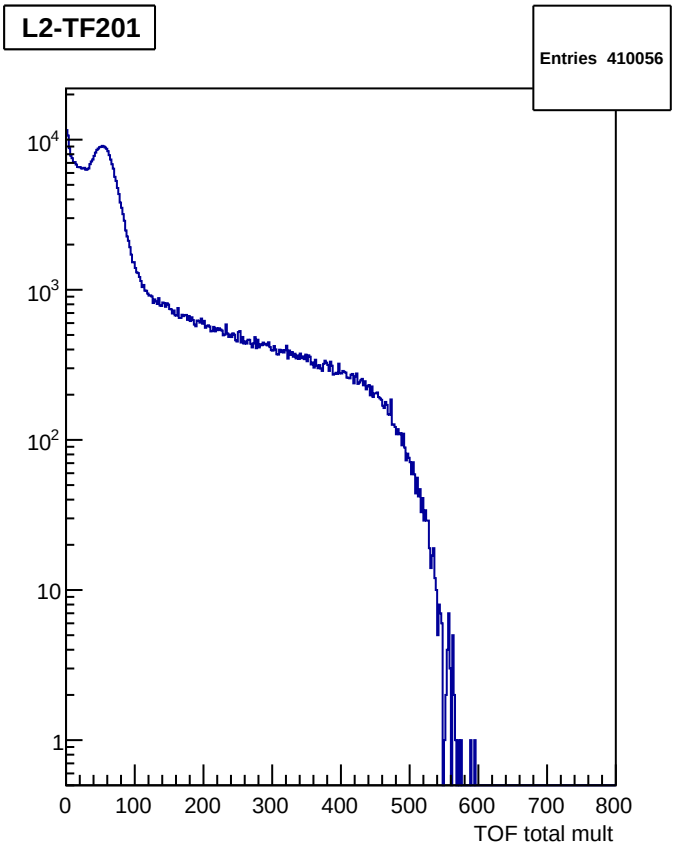

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

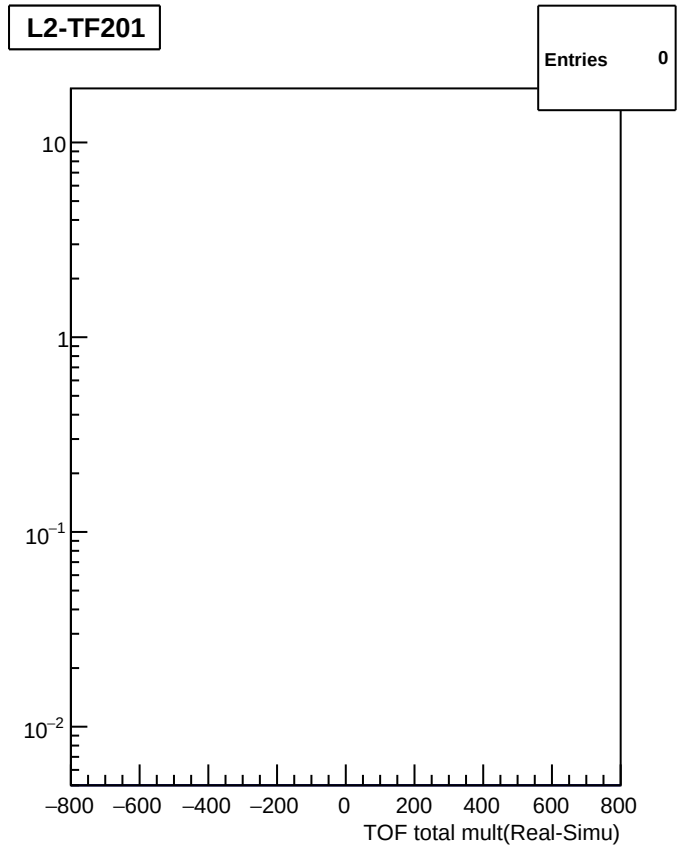

MIX-TF101
Entries 2460336
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

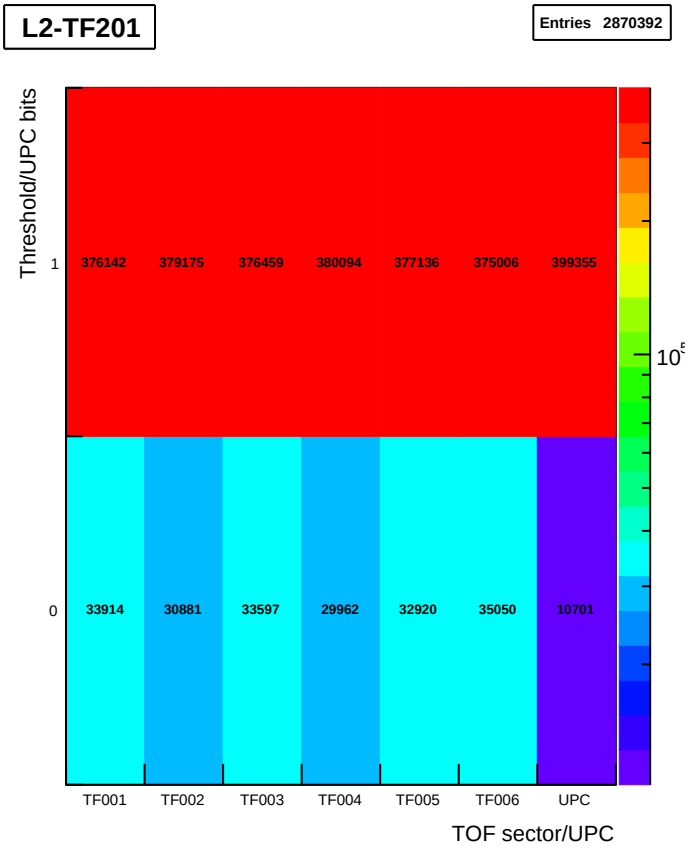

MIX-TF101
Entries 115563
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

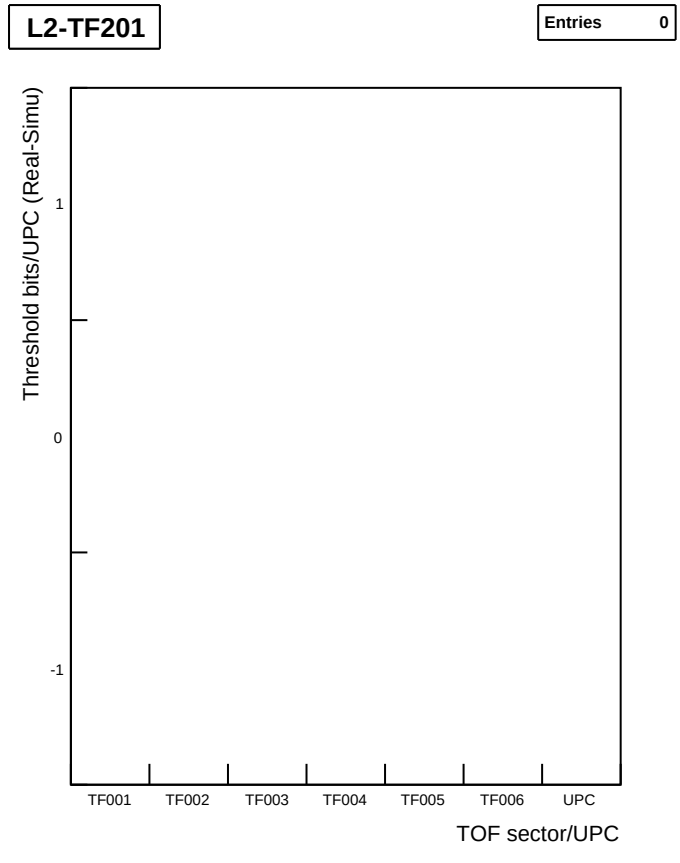

MIX-TF101
Entries 2460336
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

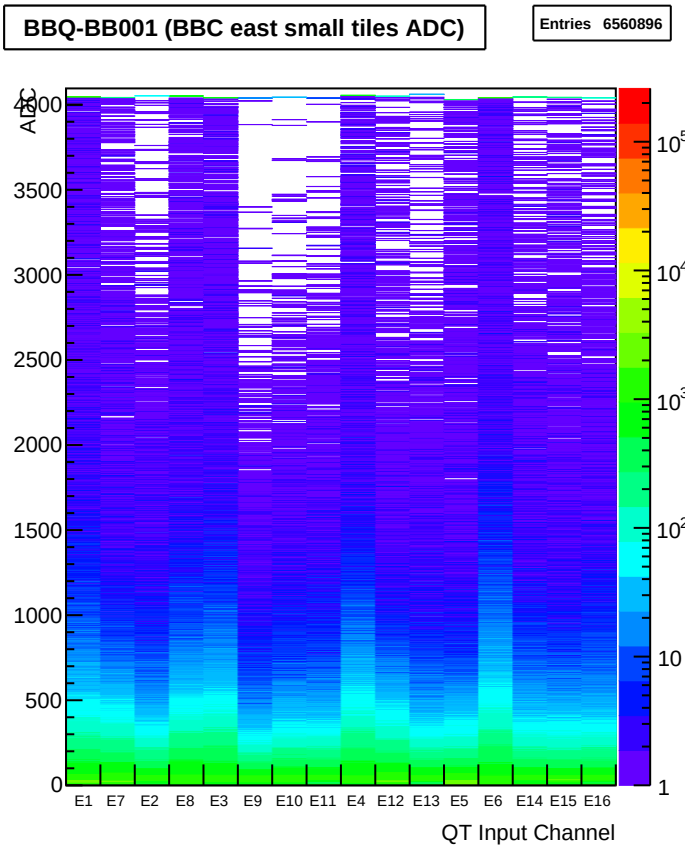

MIX-TF101
Entries 258352
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

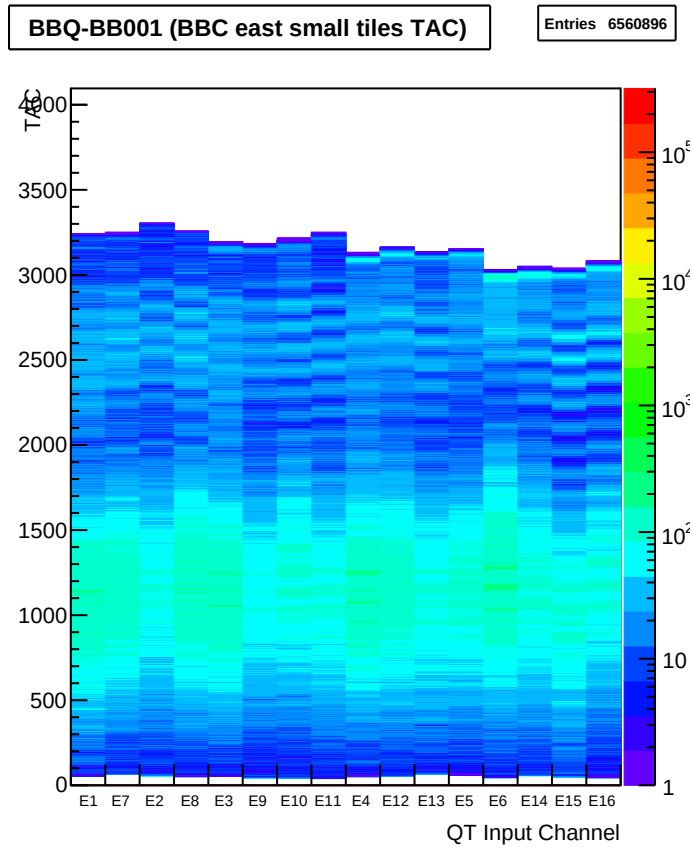

L2-TF201
Entries 410056
TOF total mult

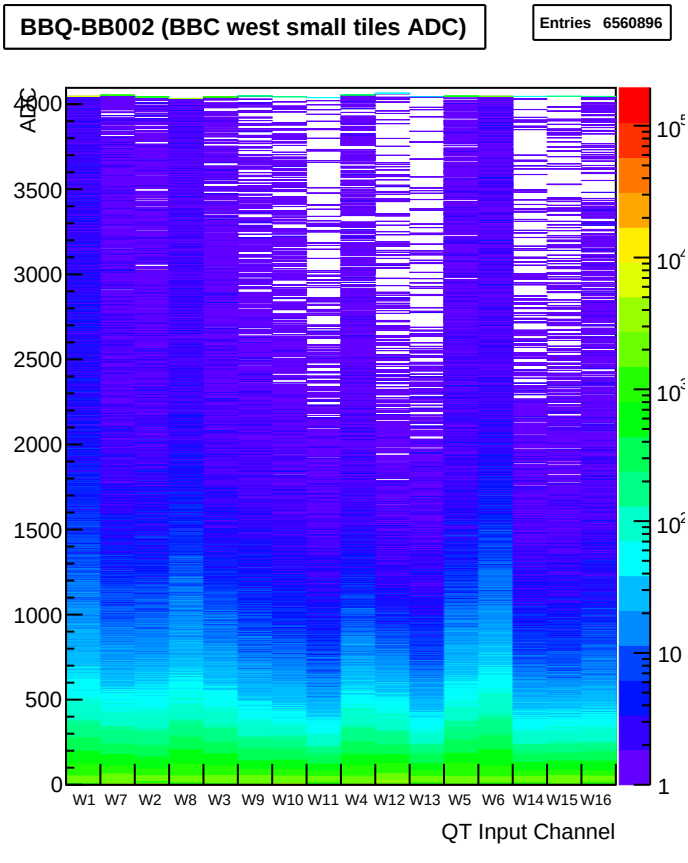

L2-TF201
Entries 0
TOF total mult(Real-Simu)

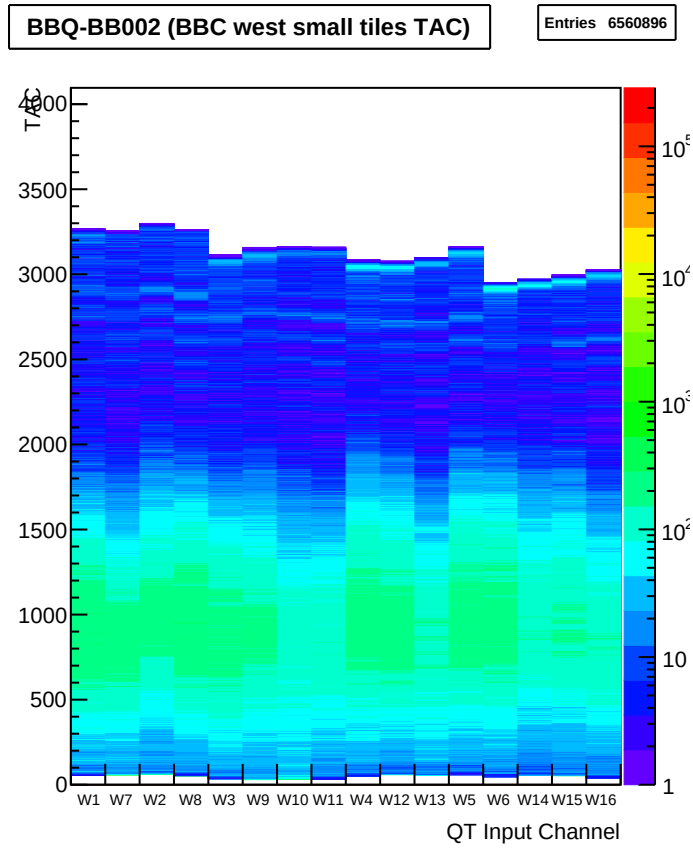

L2-TF201
Entries 2870392
Threshold/UPC bits
376142
379175
376459
380094
377136
375006
399355
33914
30881
33597
29962
32920
35050
10701
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

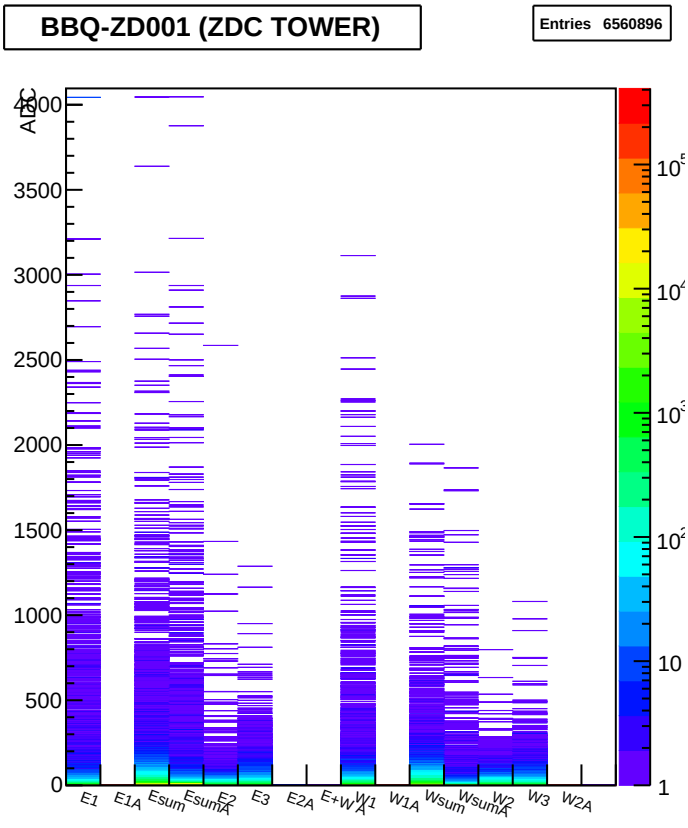

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

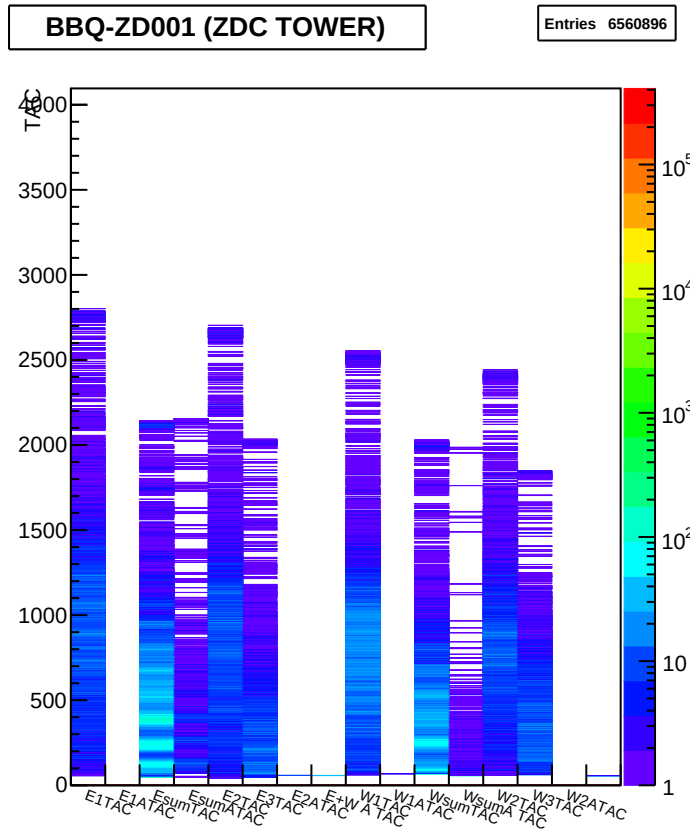

BBQ-BB001 (BBC east small tiles ADC)
Entries 6560896
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

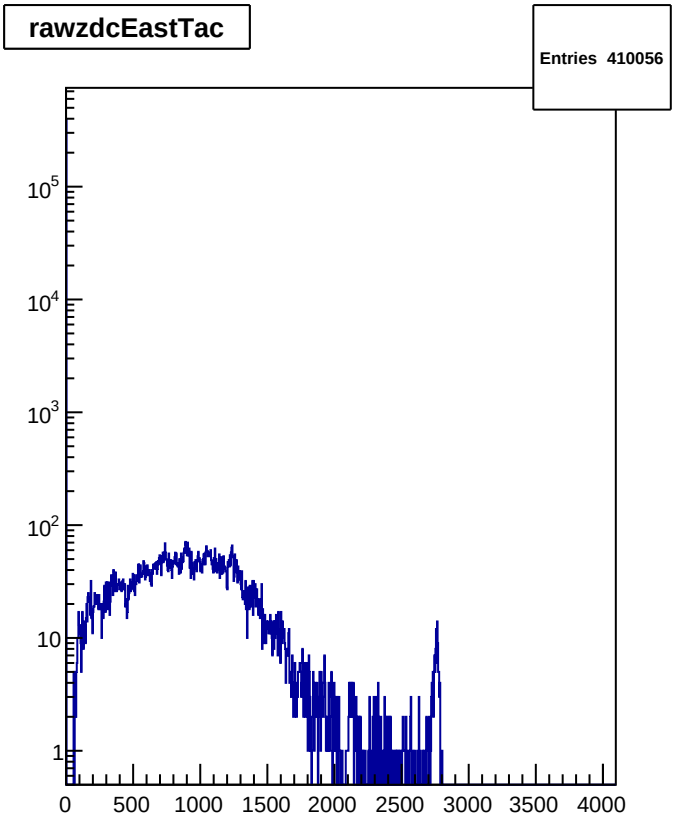

BBQ-BB001 (BBC east small tiles TAC)
Entries 6560896
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

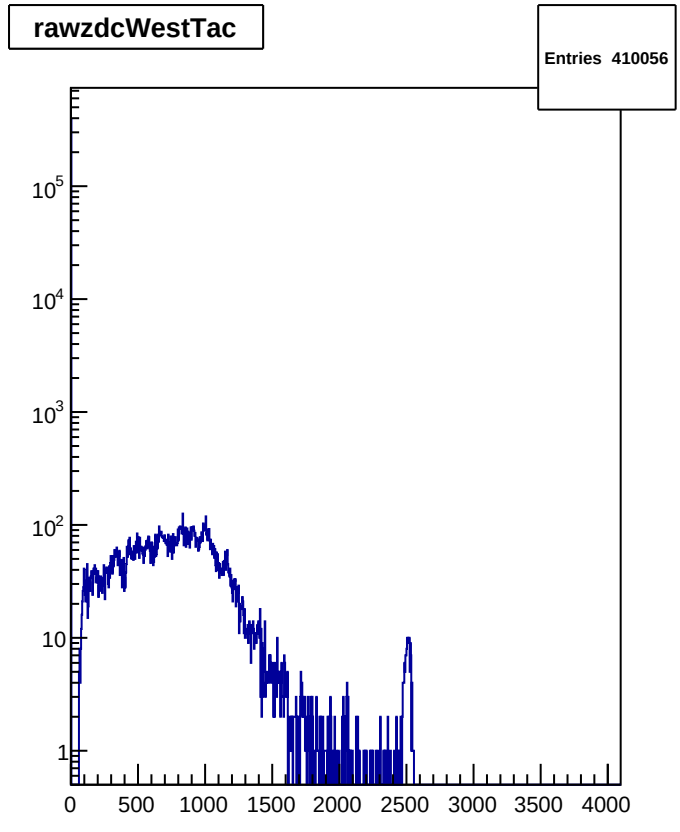

BBQ-BB002 (BBC west small tiles ADC)
Entries 6560896
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

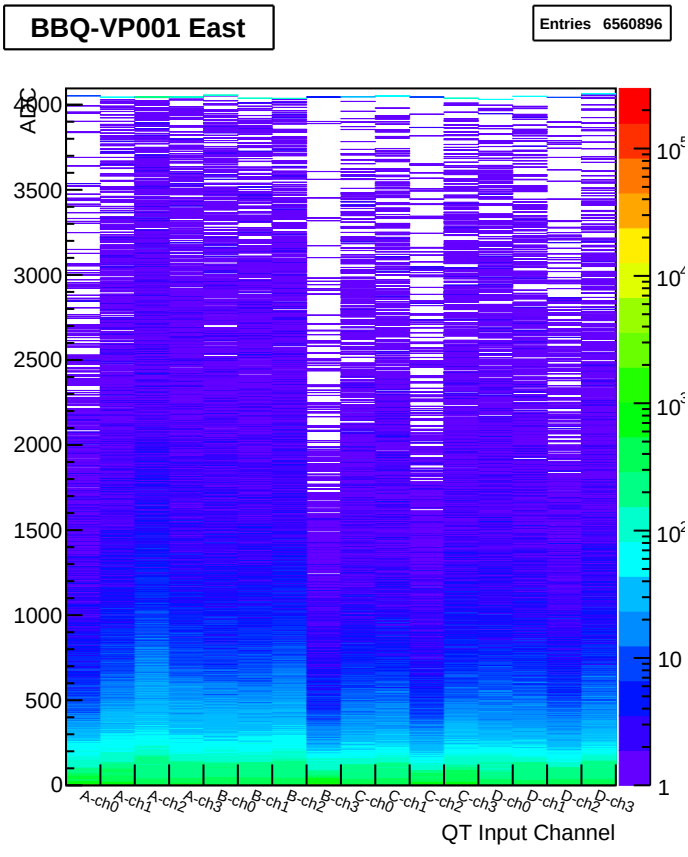

BBQ-BB002 (BBC west small tiles TAC)
Entries 6560896
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

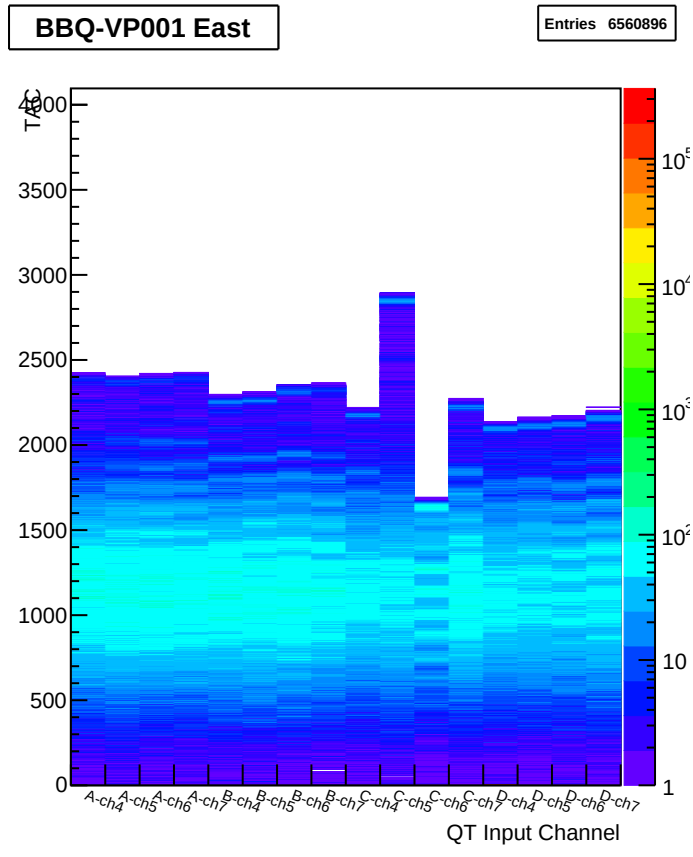

BBQ-ZD001 (ZDC TOWER)
Entries 6560896
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

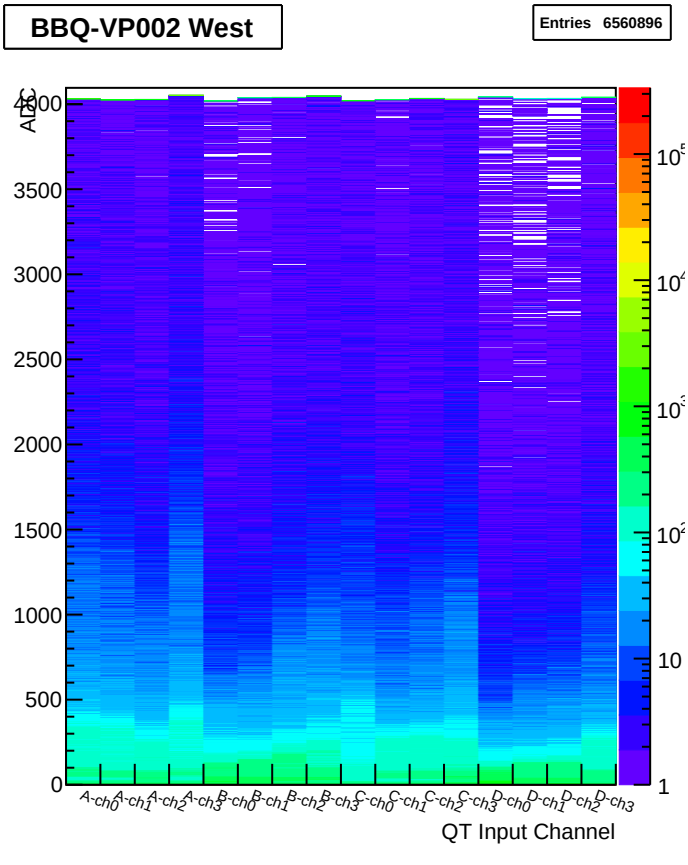

BBQ-ZD001 (ZDC TOWER)
Entries 6560896
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

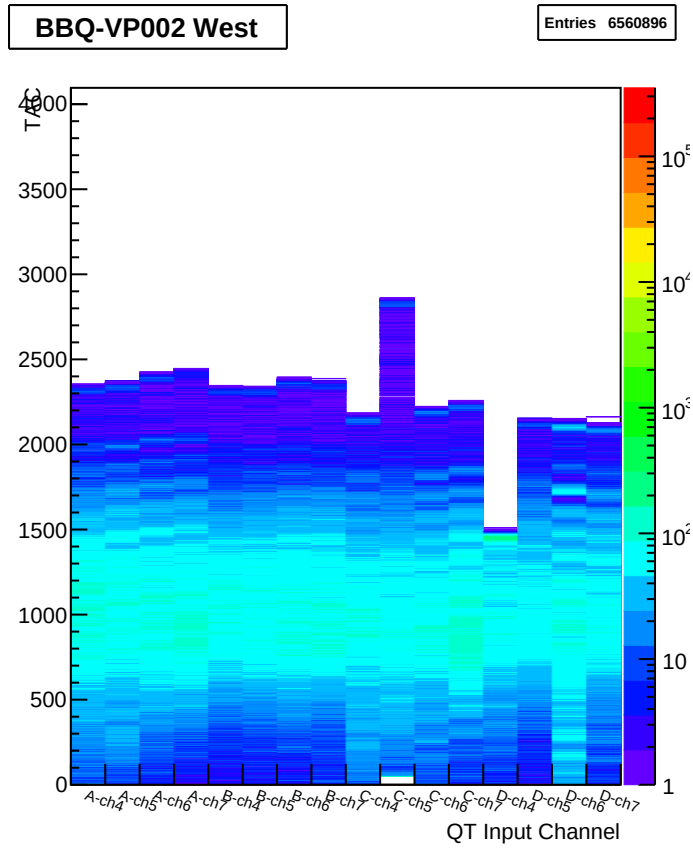

rawzdcEastTac
Entries 410056

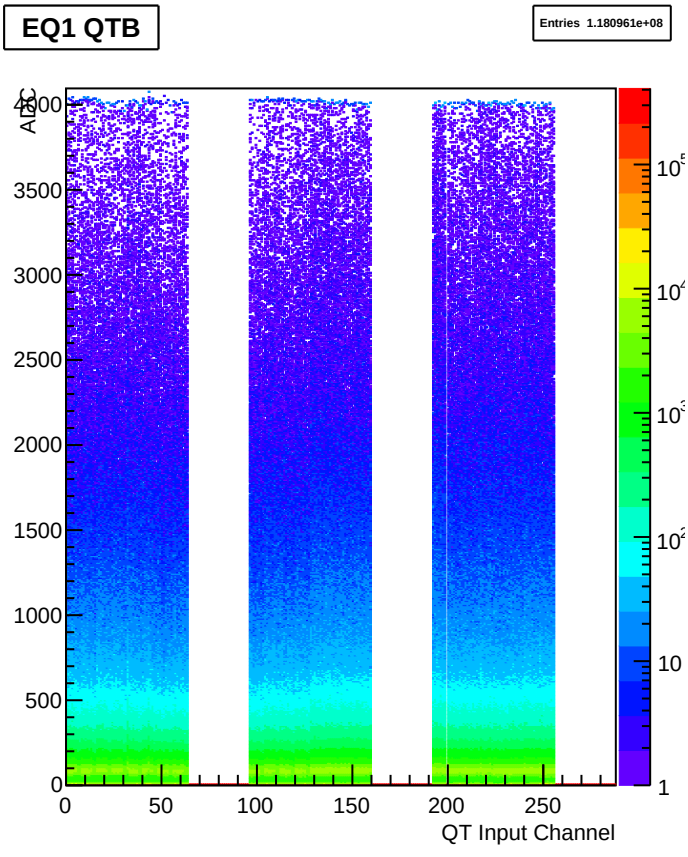

rawzdcWestTac
Entries 410056

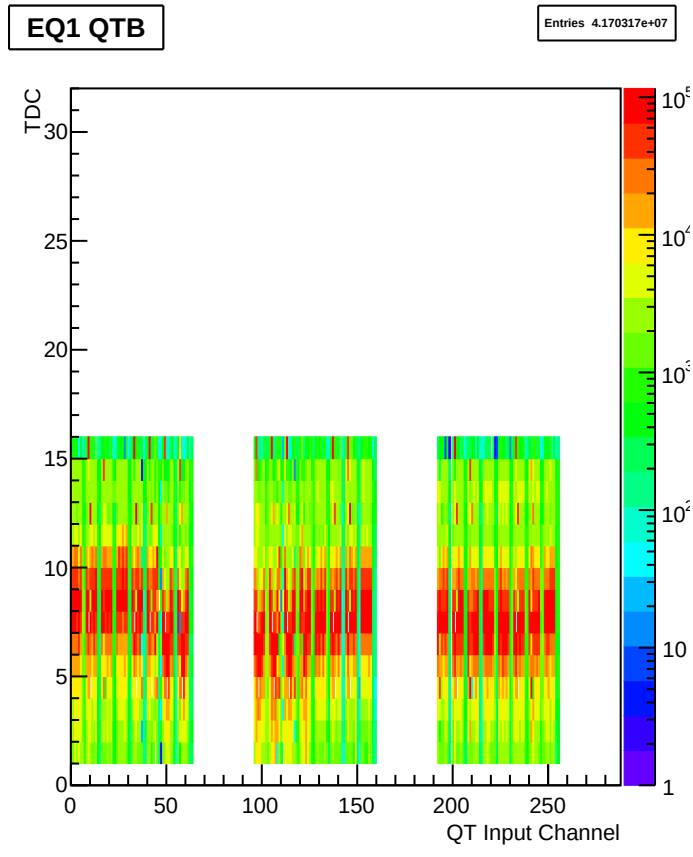

BBQ-VP001 East
Entries 6560896
ADC
QT Input Channel

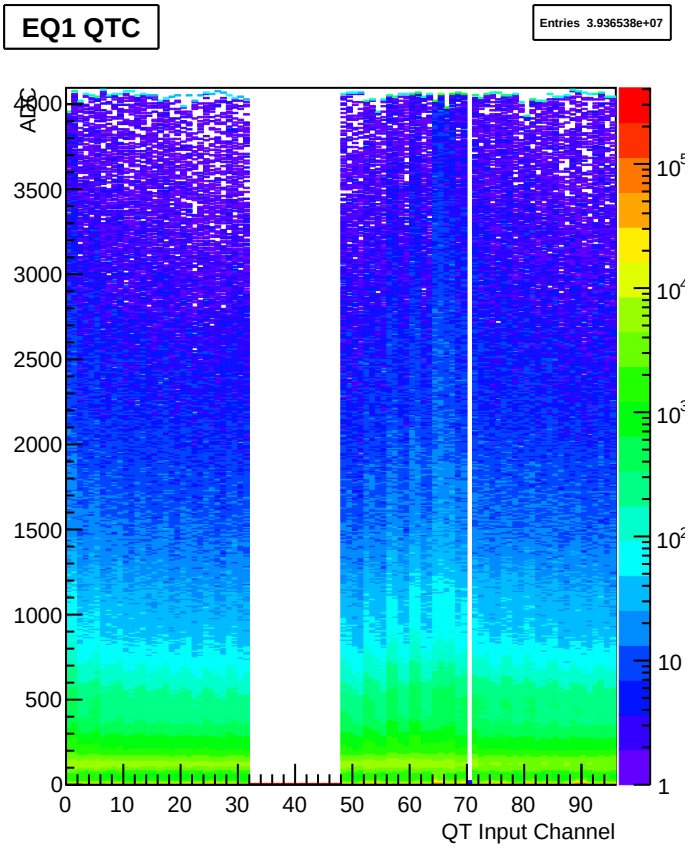

BBQ-VP001 East
Entries 6560896
TADC
QT Input Channel

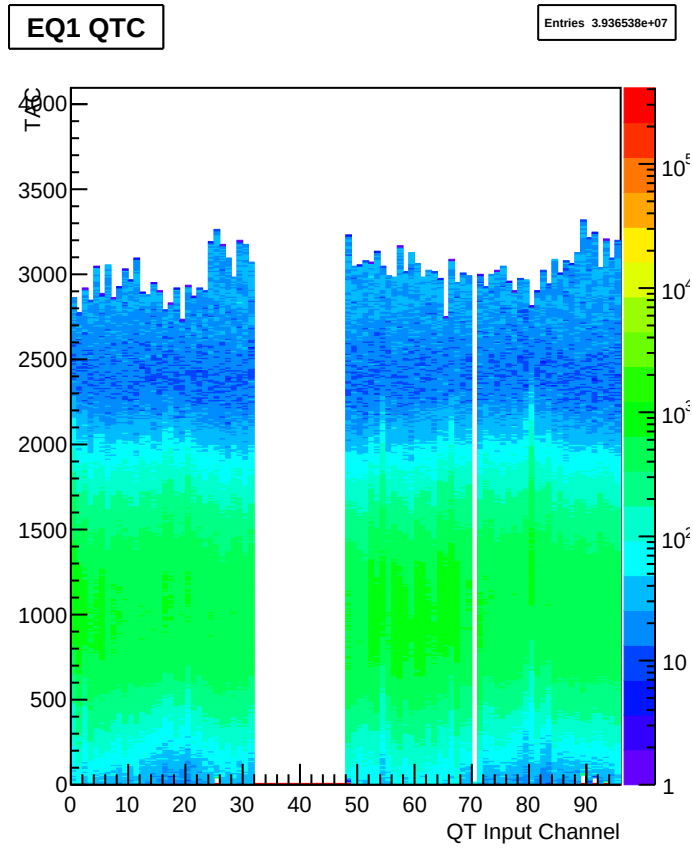

BBQ-VP002 West
Entries 6560896
ADC
QT Input Channel

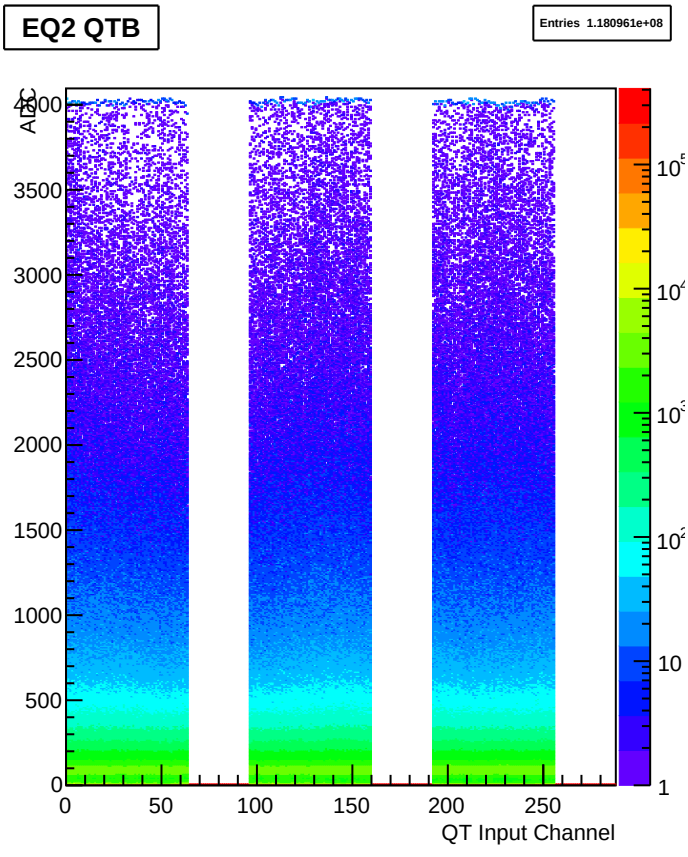

BBQ-VP002 West
Entries 6560896
TADC
QT Input Channel

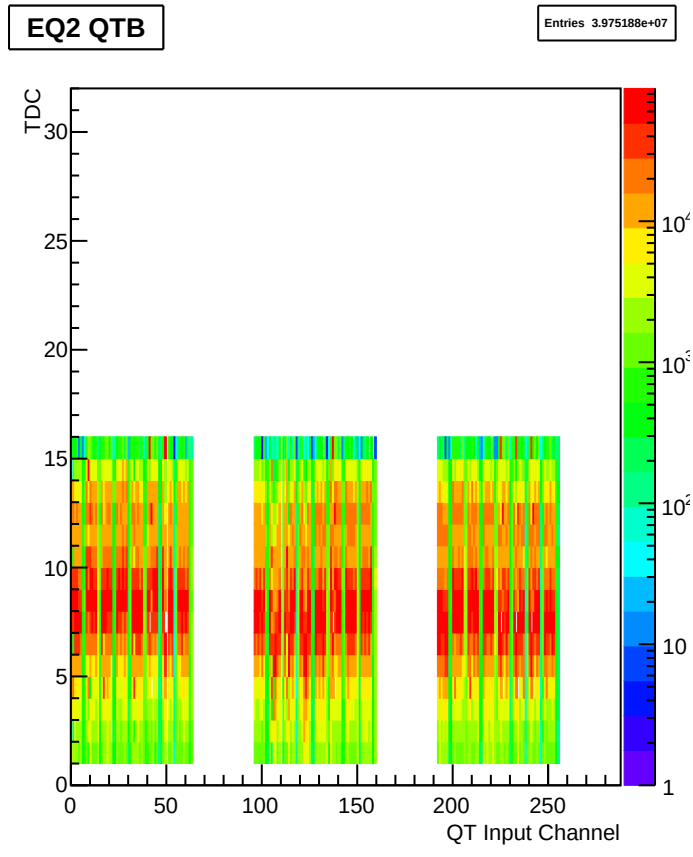

EQ1 QTB
Entries 1.180961e+08
ADC
QT Input Channel

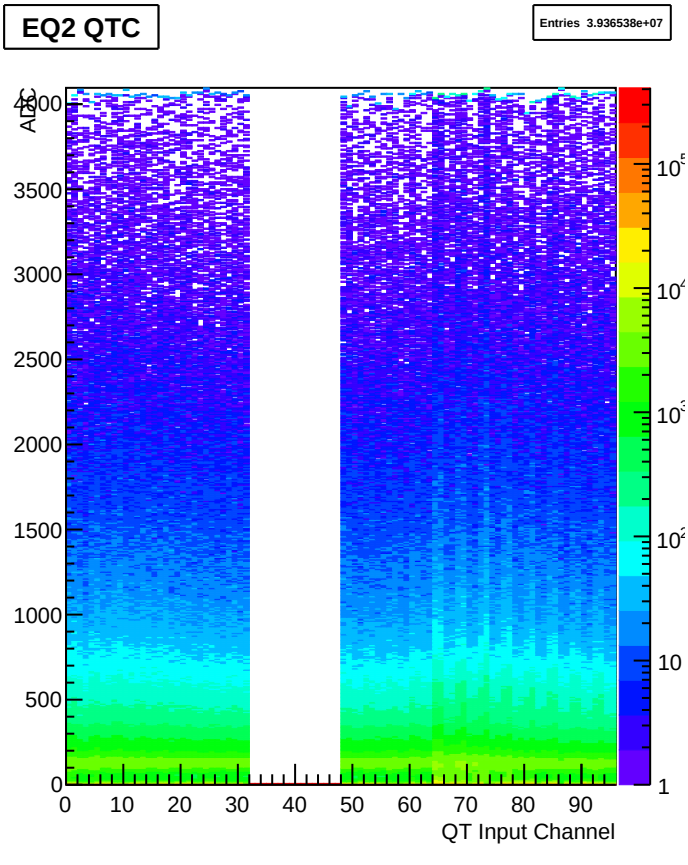

EQ1 QTB
Entries 4.170317e+07
TDC
QT Input Channel

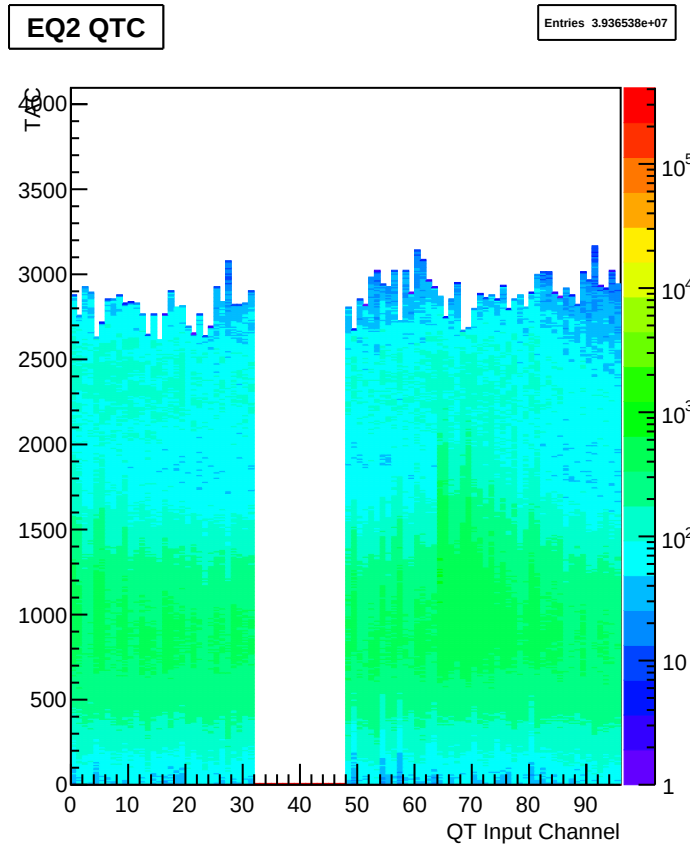

EQ1 QTC
Entries 3.936538e+07
ADC
QT Input Channel

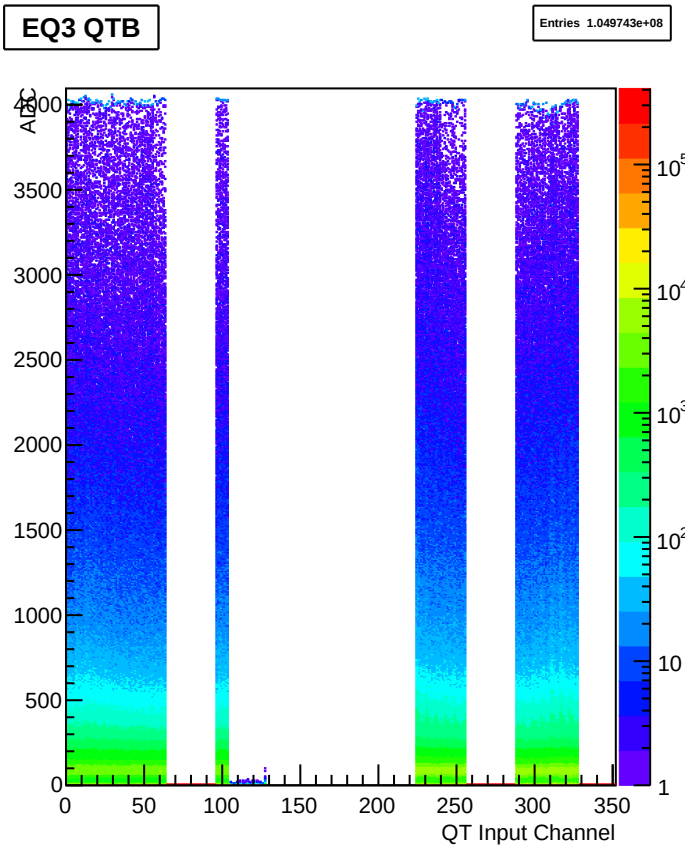

EQ1 QTC
Entries 3.936538e+07
TADC
QT Input Channel

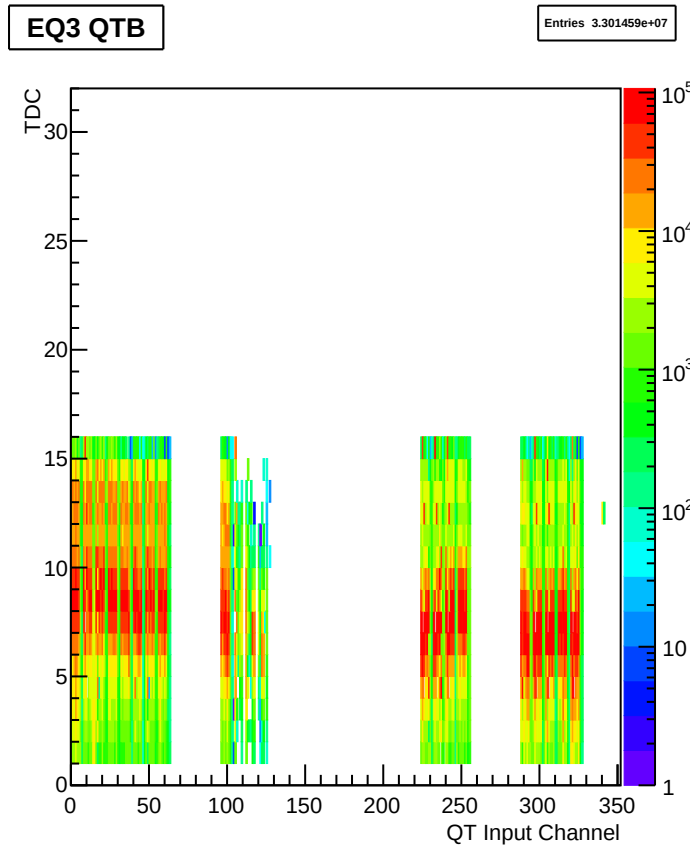

EQ2 QTB
Entries 1.180961e+08
ADC
QT Input Channel

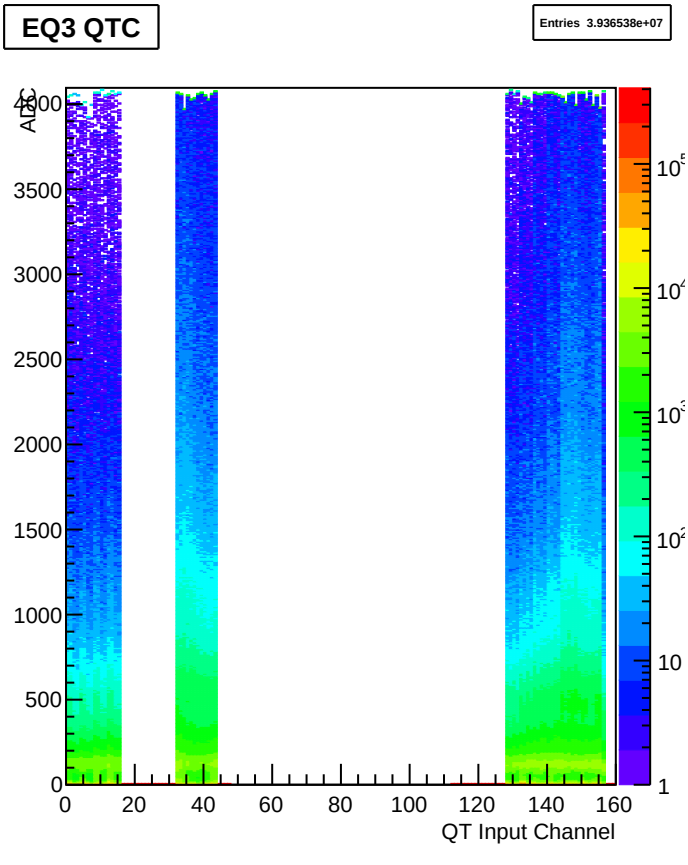

EQ2 QTB
Entries 3.975188e+07
TDC
QT Input Channel

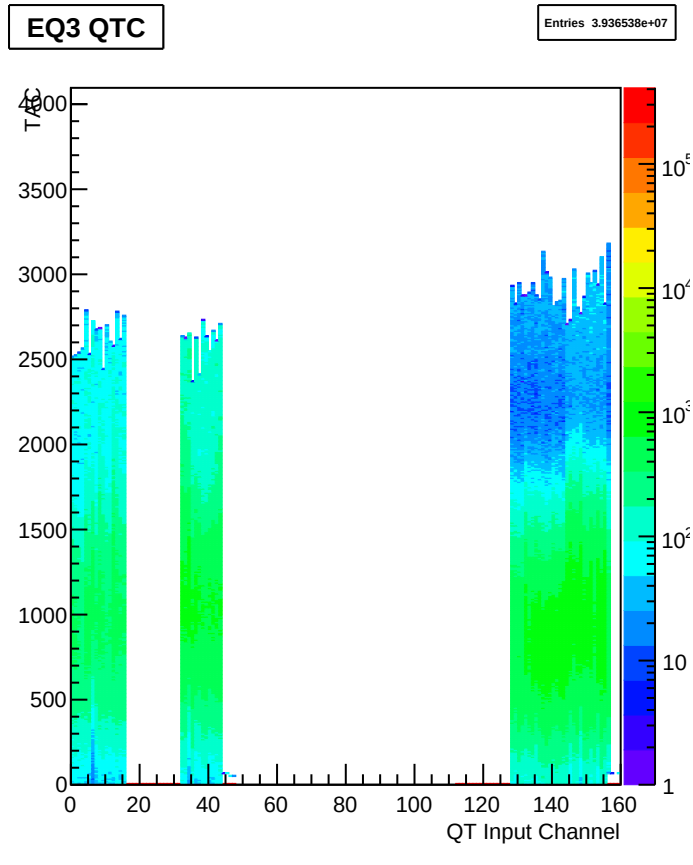

EQ2 QTC
Entries 3.936538e+07
ADC
QT Input Channel

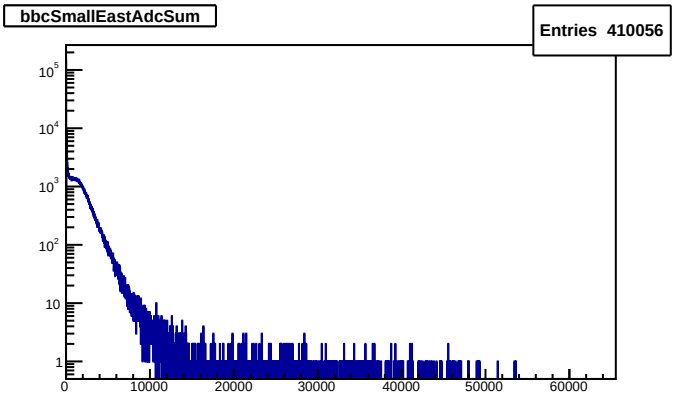

EQ2 QTC
Entries 3.936538e+07
TADC
QT Input Channel

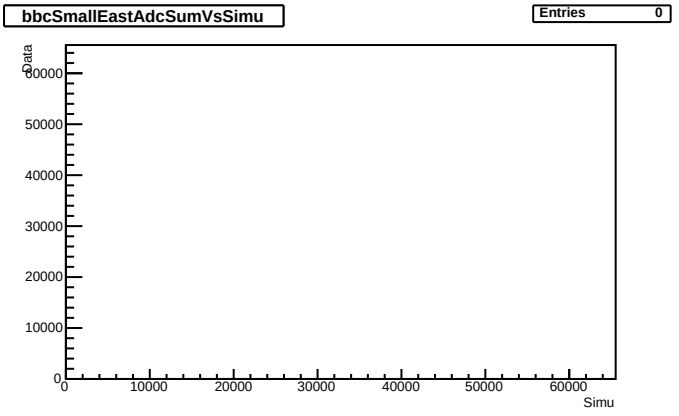

EQ3 QTB
Entries 1.049743e+08
ADC
QT Input Channel

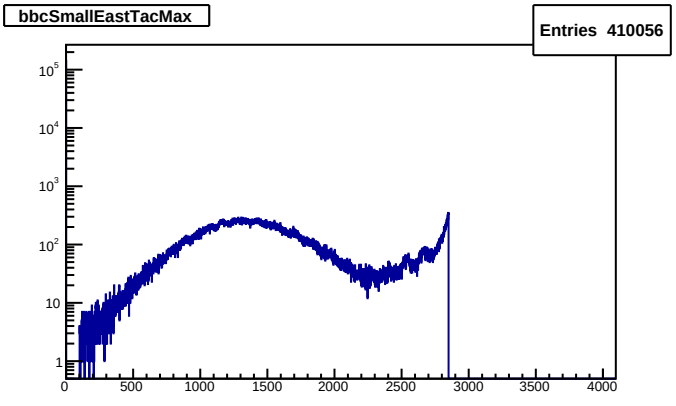

EQ3 QTB
Entries 3.301459e+07
TDC
QT Input Channel


EQ3 QTC
Entries 3.936538e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.936538e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 410056


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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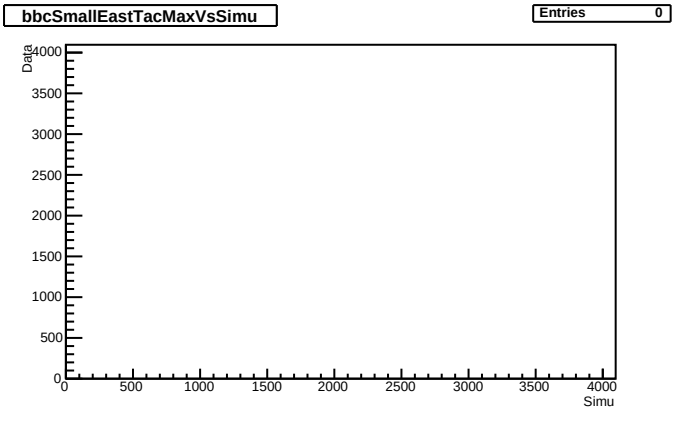
Entries 410056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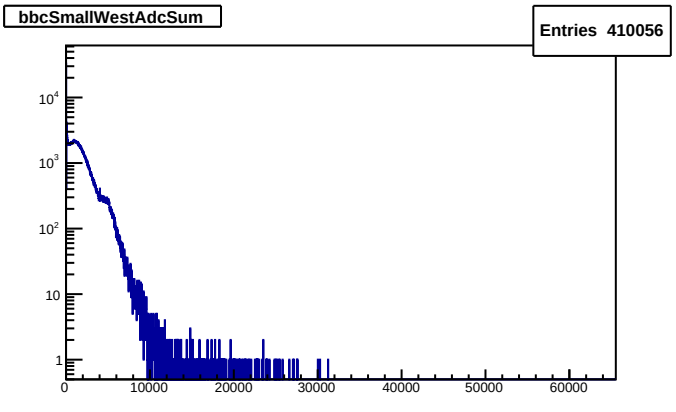
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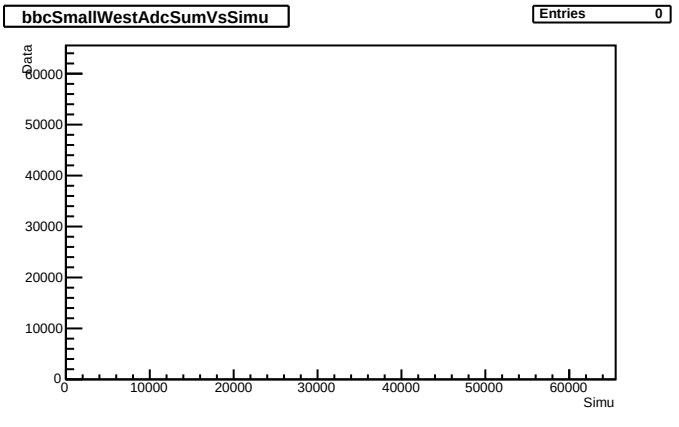
Entries 410056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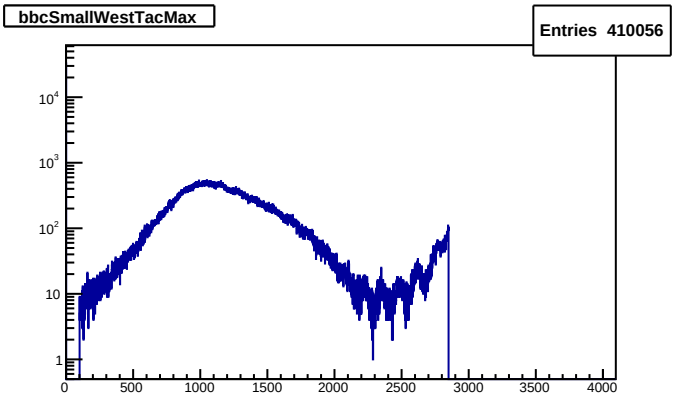
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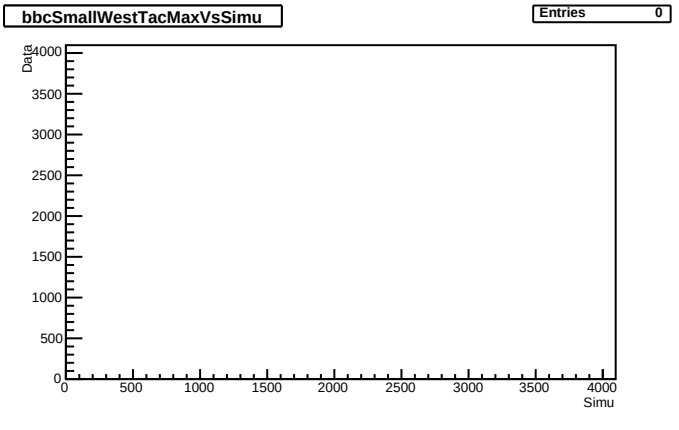
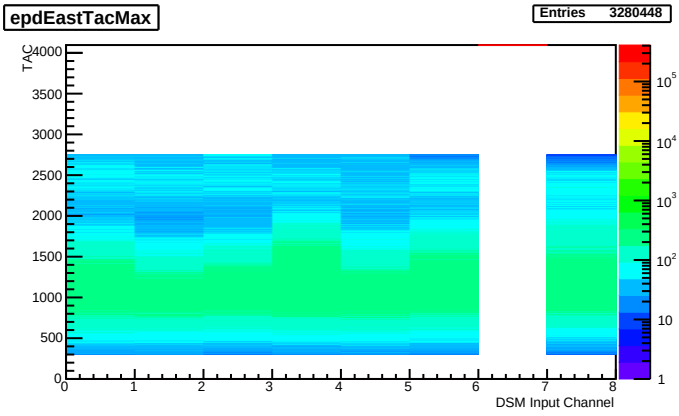

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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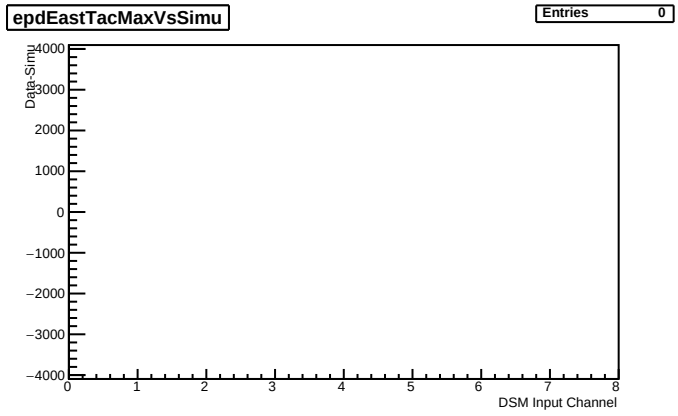
Entries 3280448
TAC
DSM Input Channel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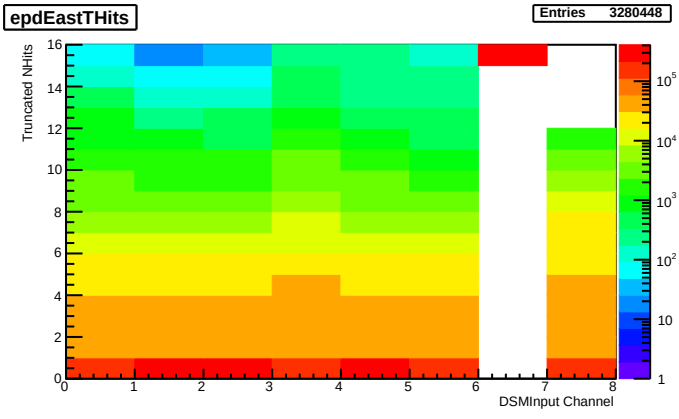
Entries 0
Data-Simu
DSM Input Channel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Entries 3280448
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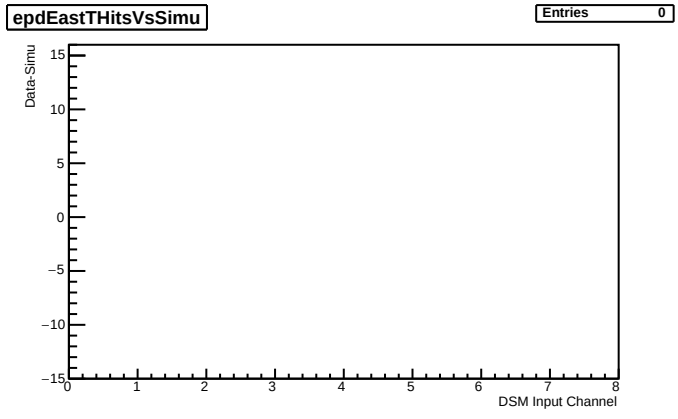
DSMInput Channel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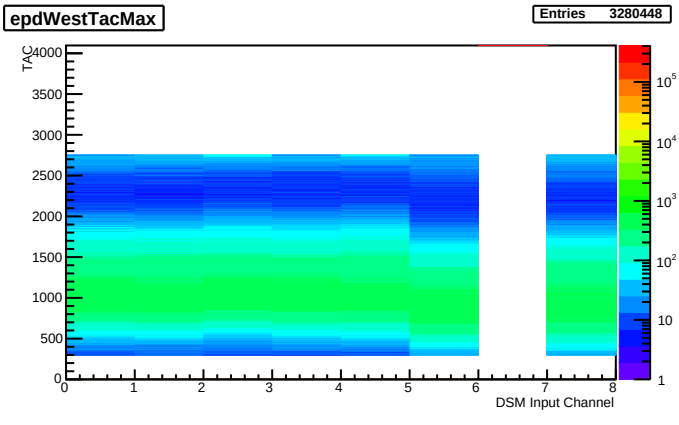
Data-Simu
DSM Input Channel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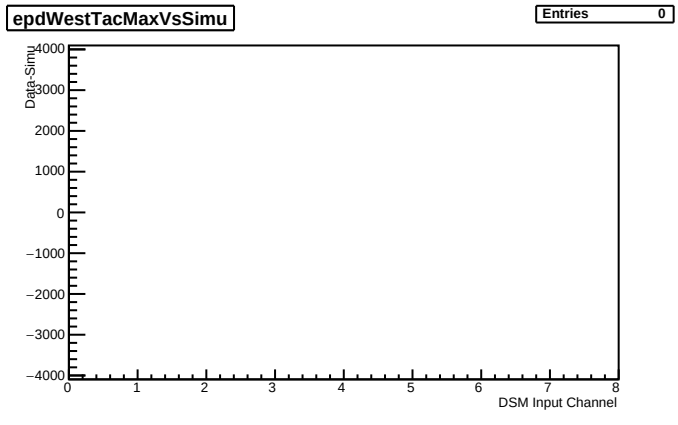
DSM Input Channel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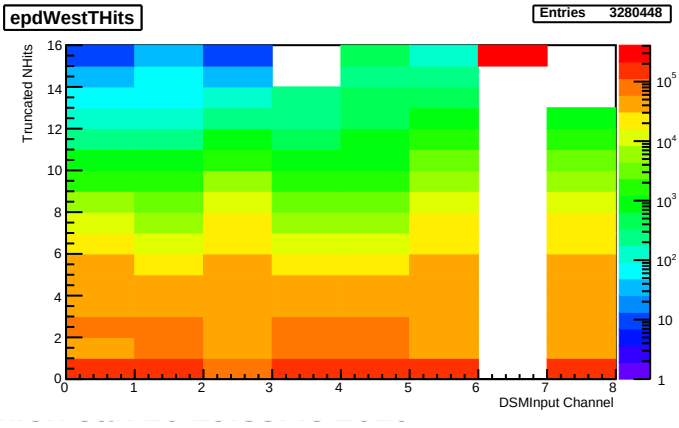
Data-Simu
DSM Input Channel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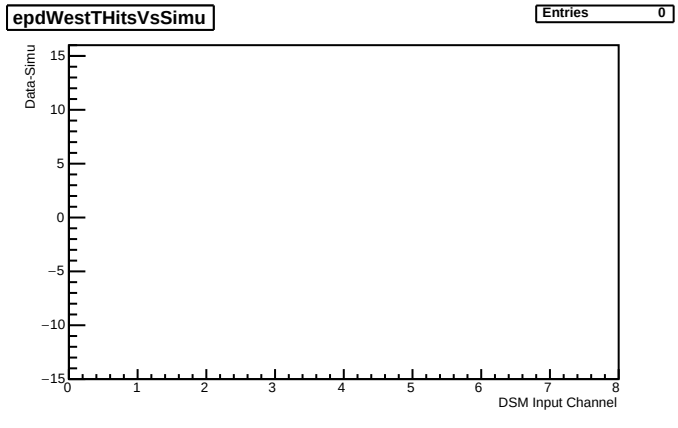
Entries 3280448
Truncated NHits
DSMInput Channel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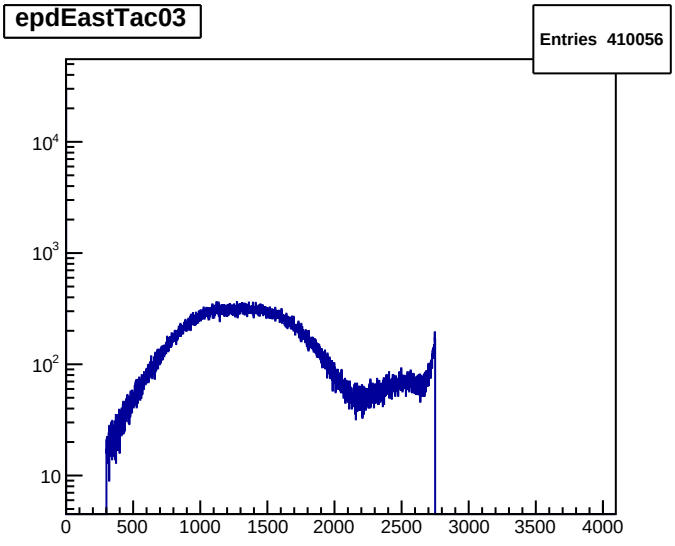
DSM Input Channel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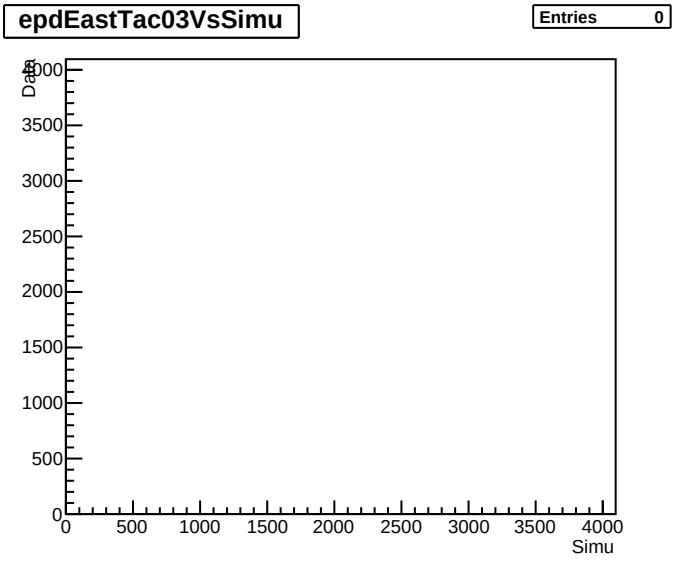
Entries 410056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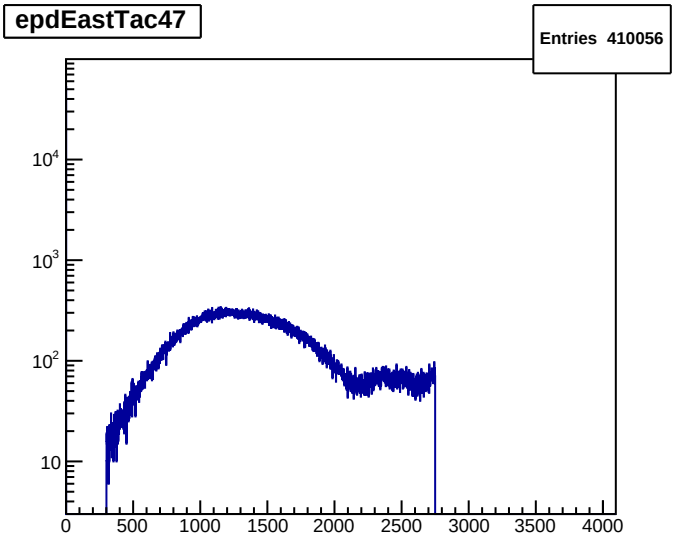
Entries 0
Data
Simu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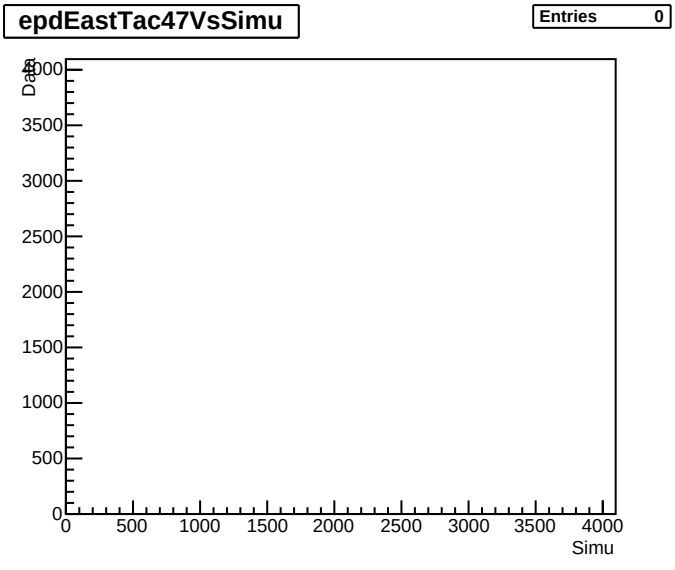
Entries 410056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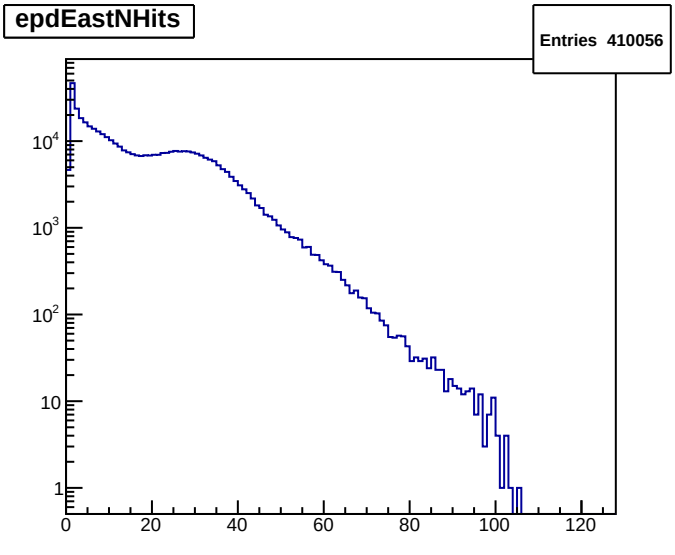
Entries 0
Data
Simu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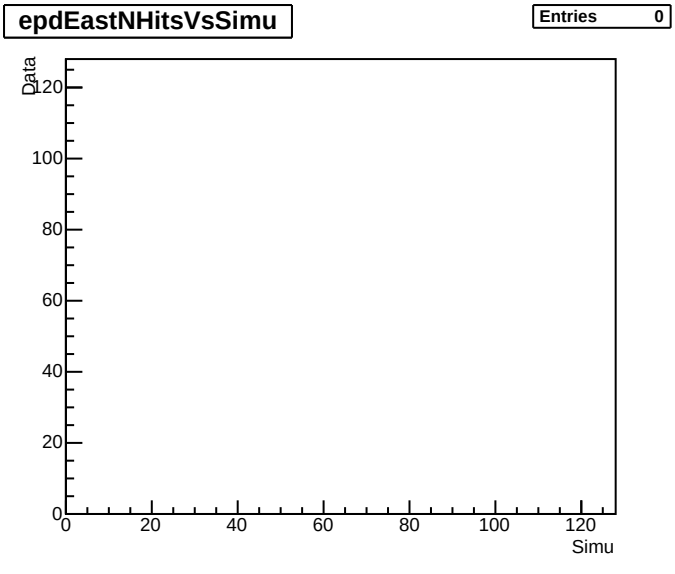
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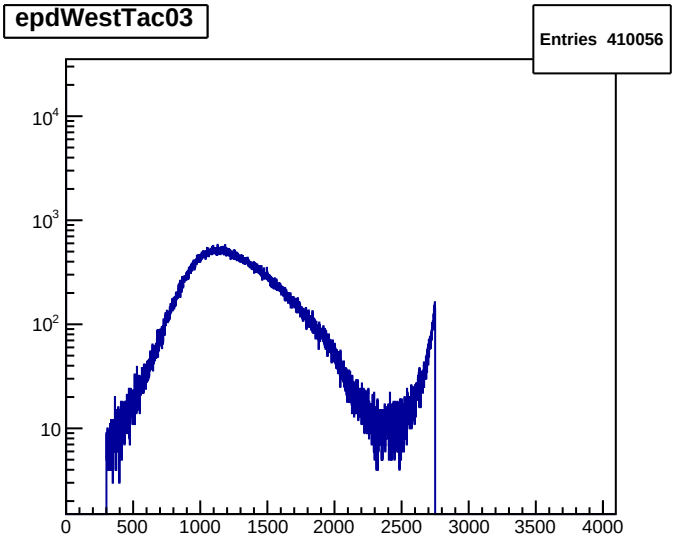
Entries 0
Data
Simu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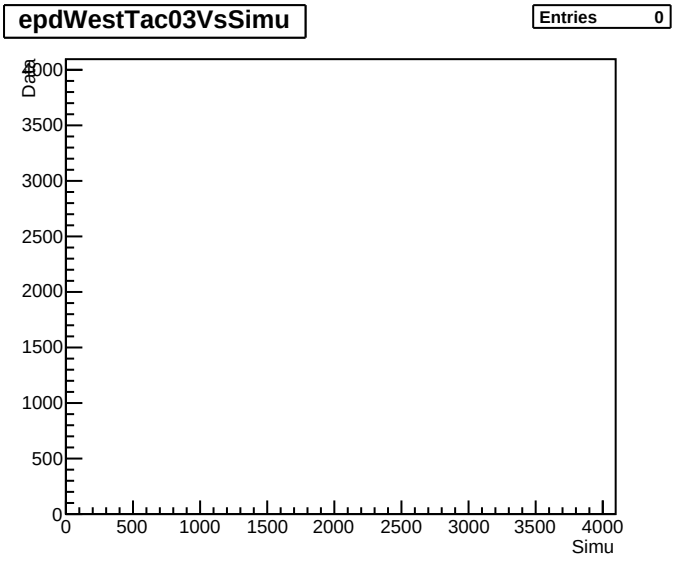
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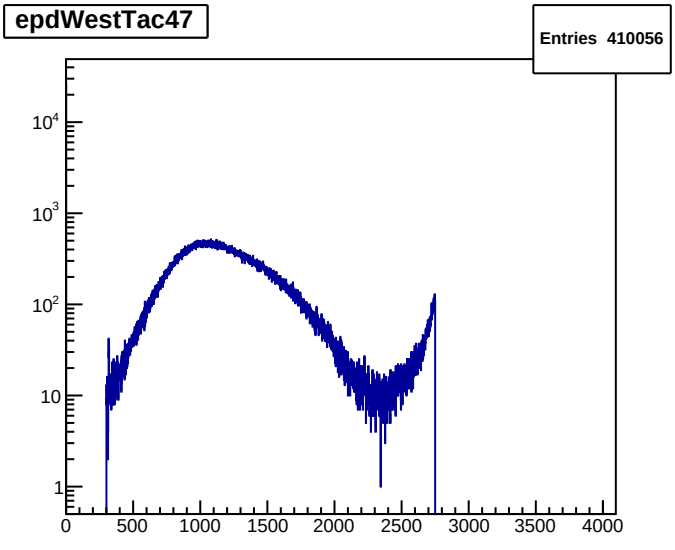
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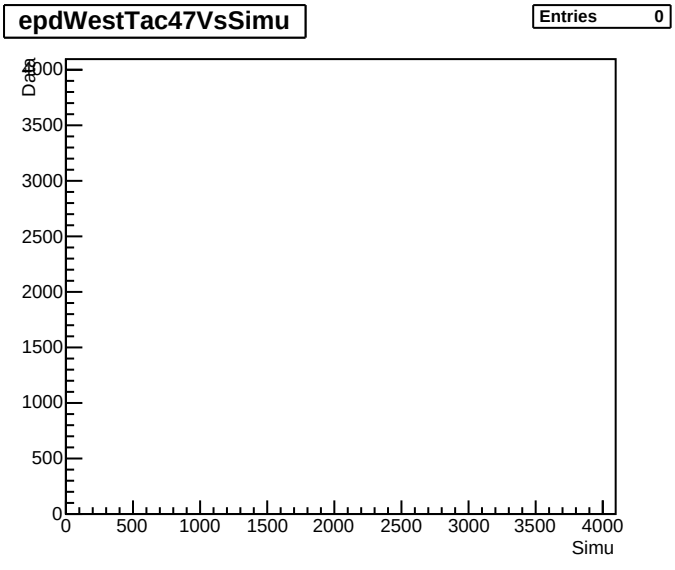
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Entries 0
Data
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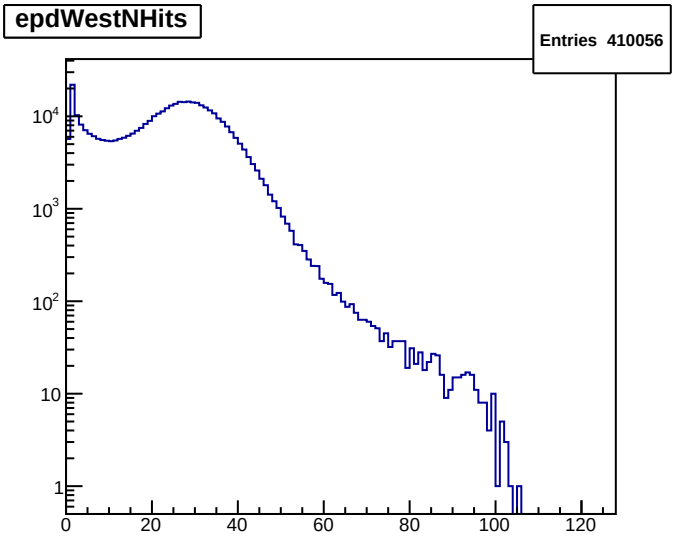
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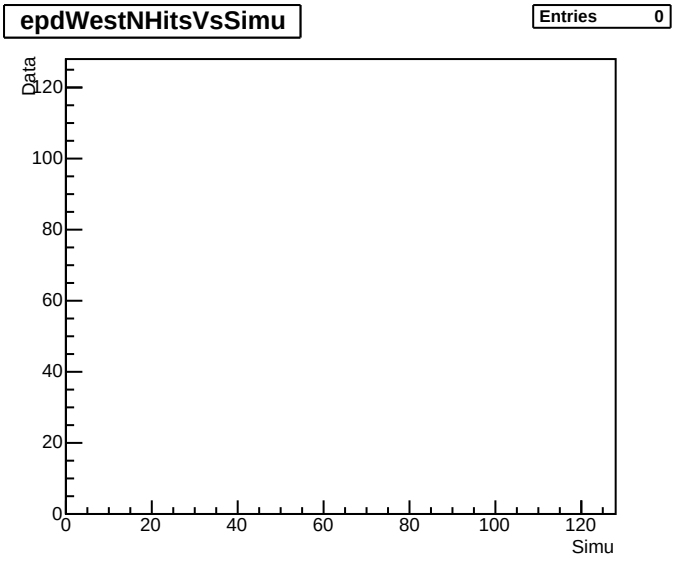
Entries 410056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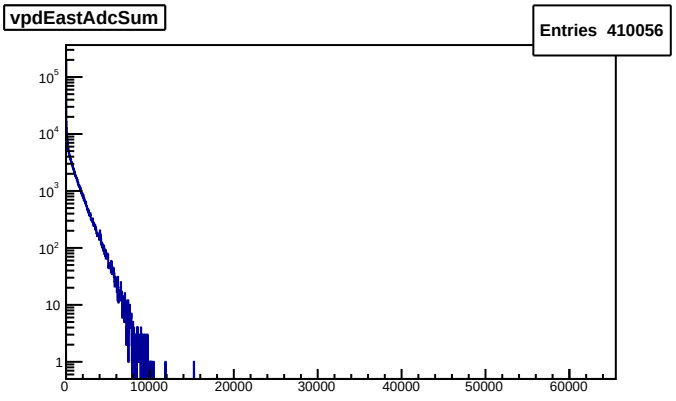
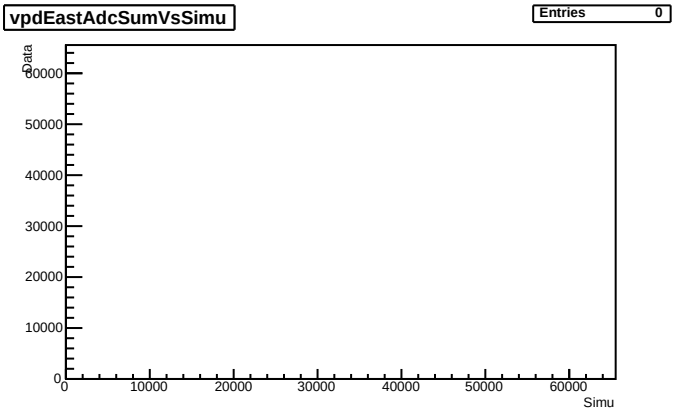
Entries 0
Data
Simu


vpdEastAdcSum
Entries 410056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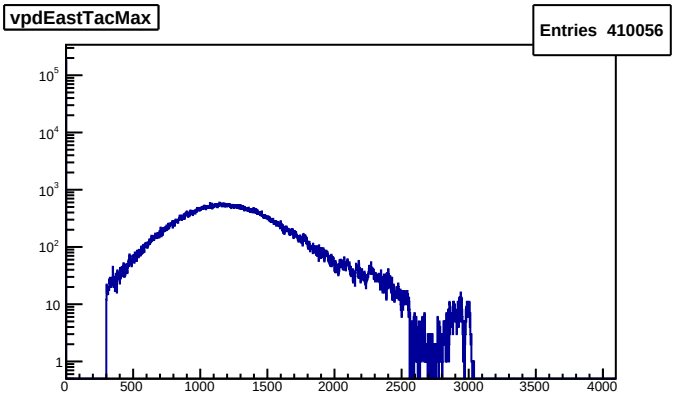
Entries 0
Data
Simu


vpdEastTacMax
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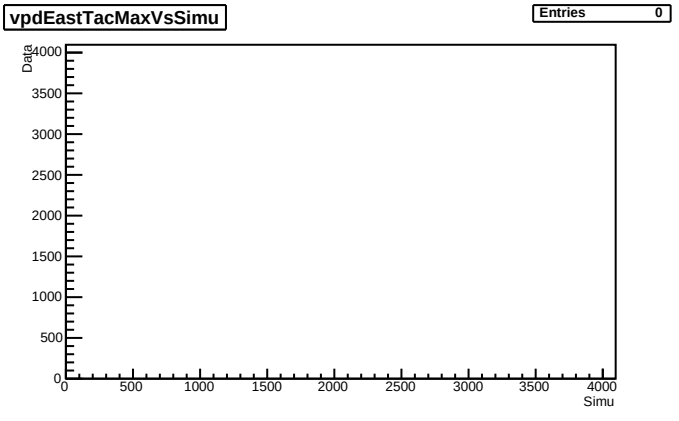
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Entries 0
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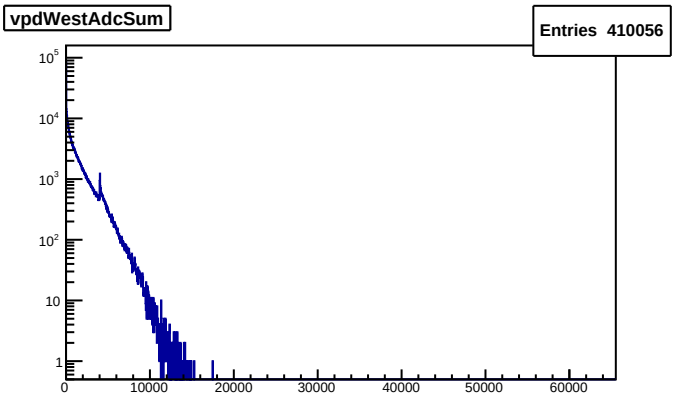
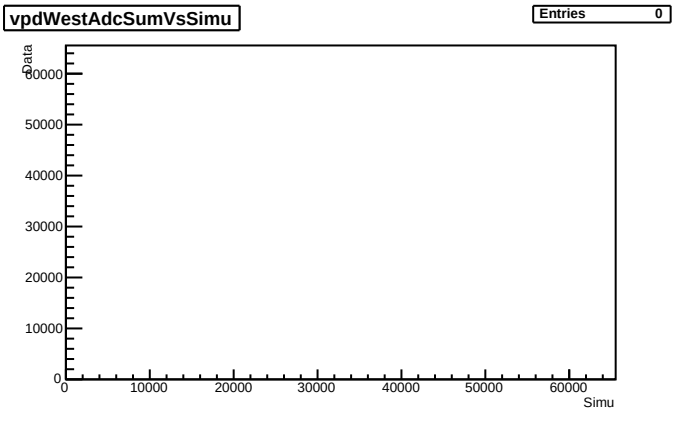
Simu


vpdWestAdcSum
Entries 410056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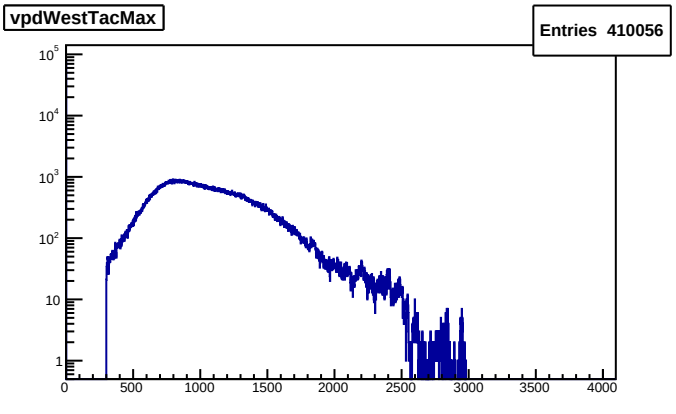
Entries 0
Data
Simu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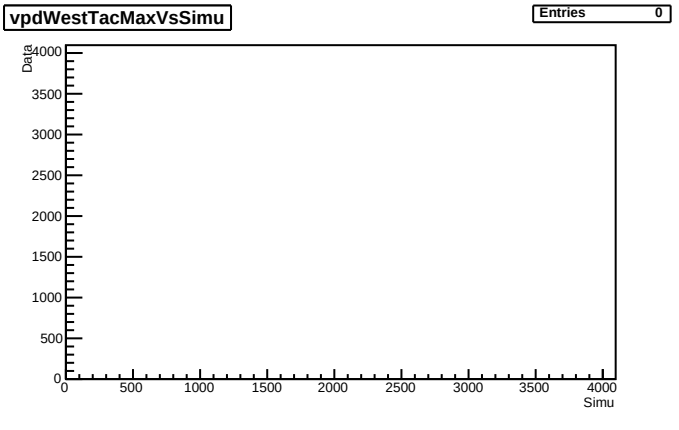
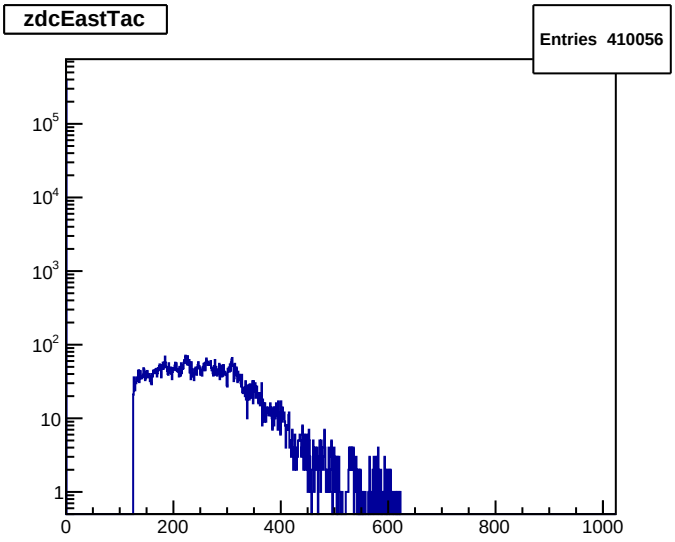
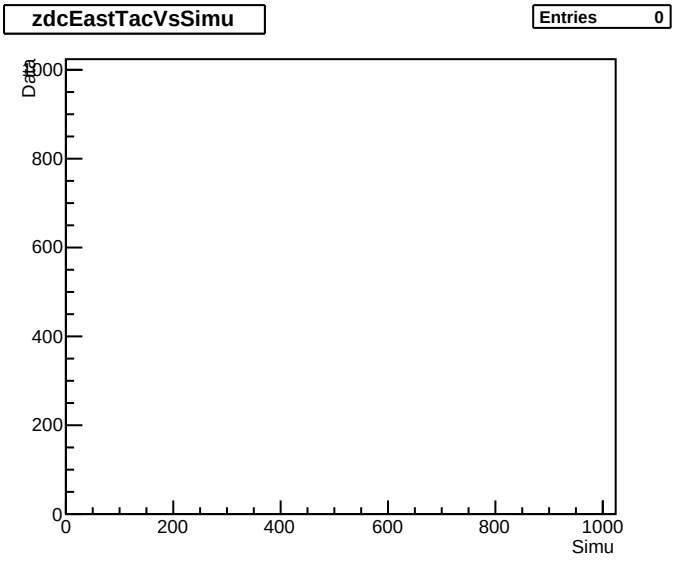
Entries 410056


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 410056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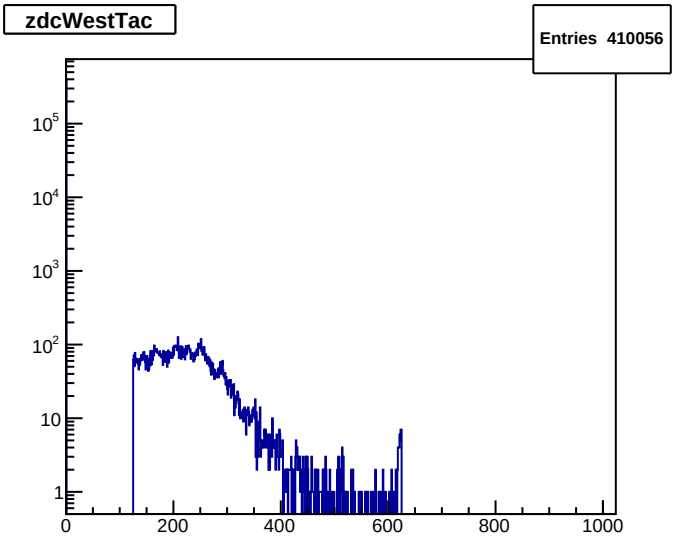
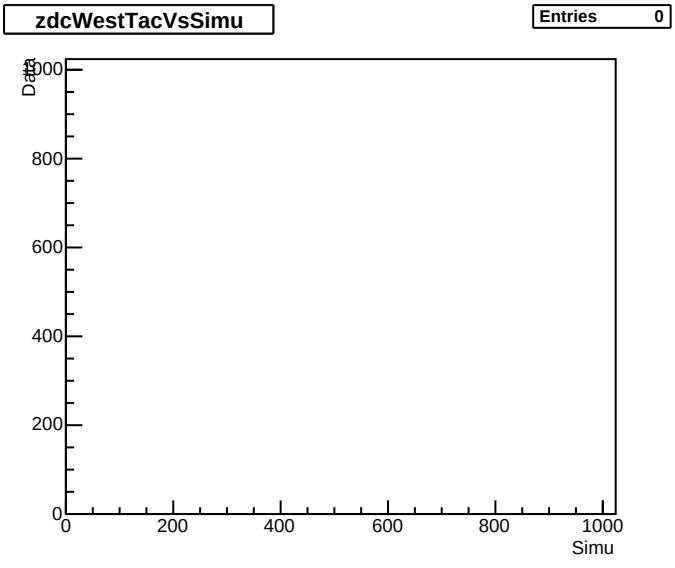
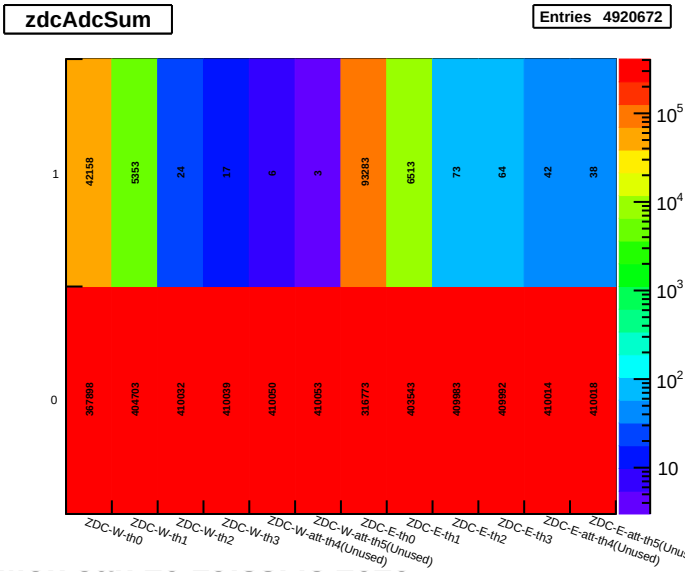
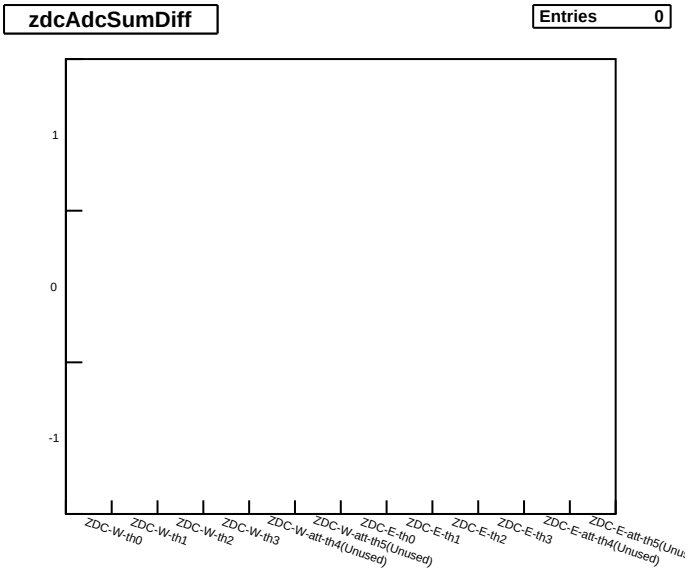
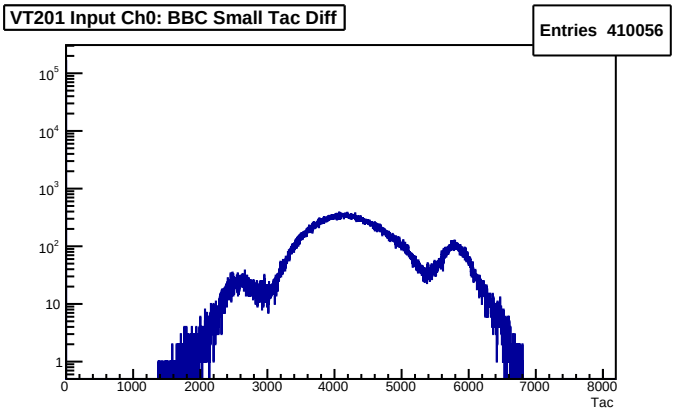
Entries 0
Data
Simu

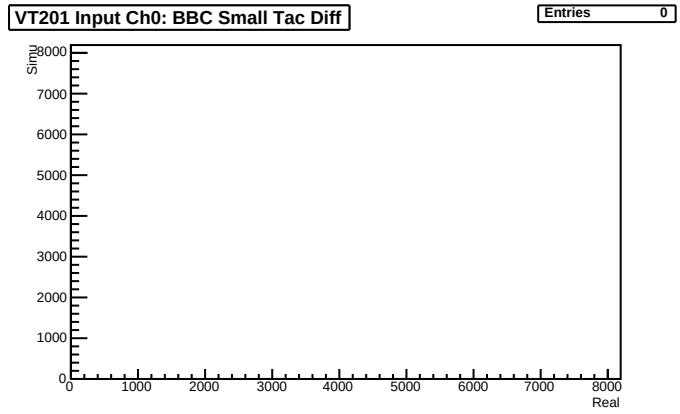

zdcWestTac
Entries 410056

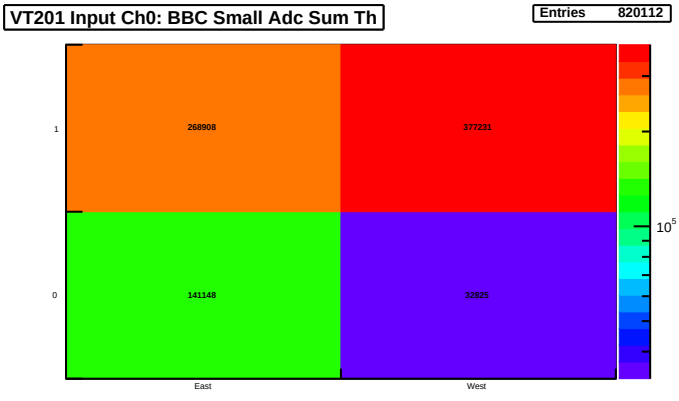

zdcWestTacVsSimu
Entries 0
Data
Simu

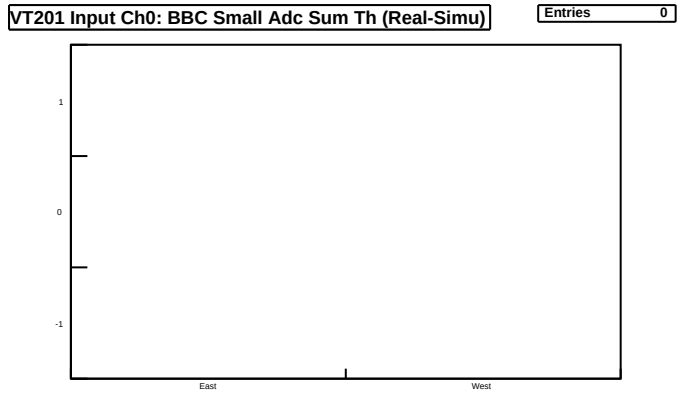

zdcAdcSum
Entries 4920672
42158
5353
24
17
6
3
93283
6513
73
64
42
38
367888
404703
410032
410039
410050
410053
316773
403543
409983
409992
410014
410018
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

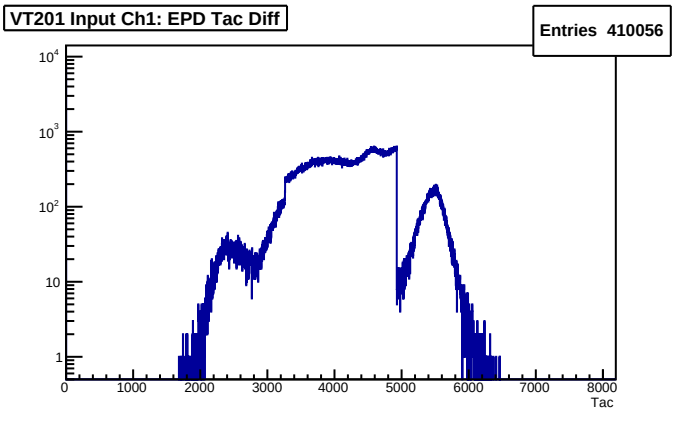

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

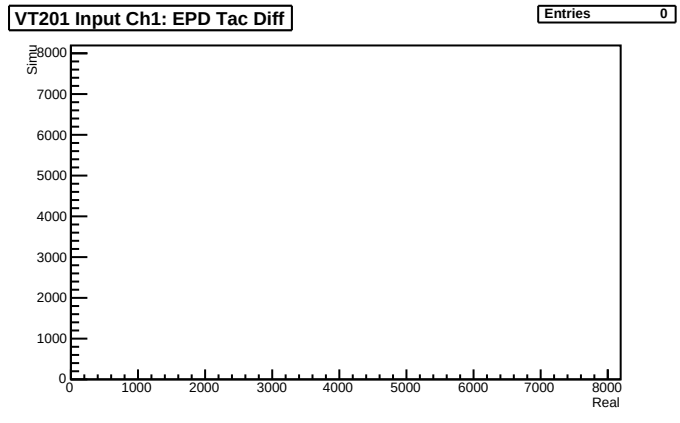

VT201 Input Ch0: BBC Small Tac Diff
Entries 410056
Tac

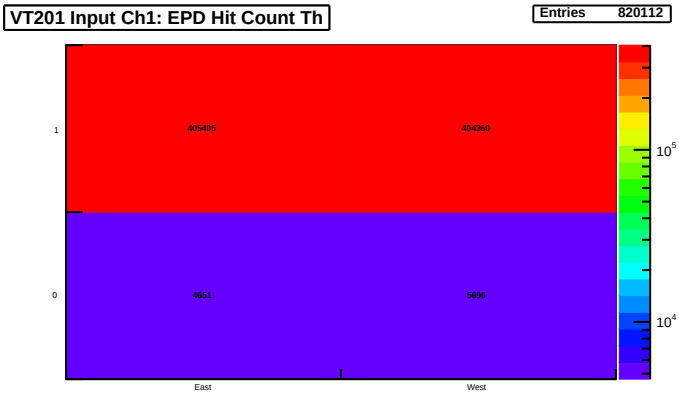

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

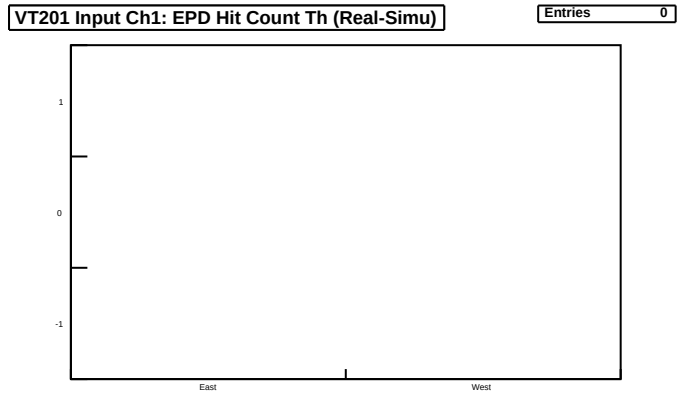

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 820112
268908
377231
141148
32825
East
West

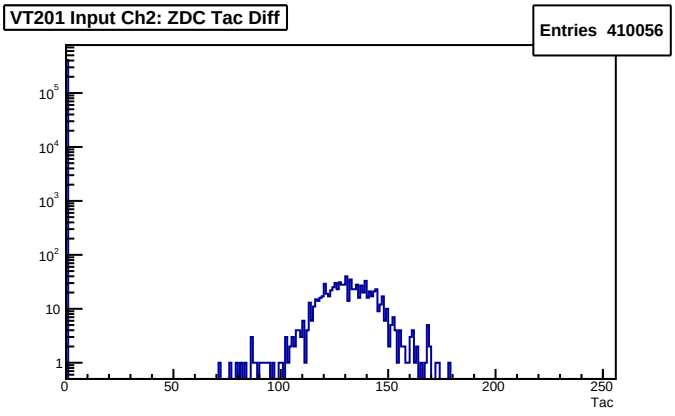

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

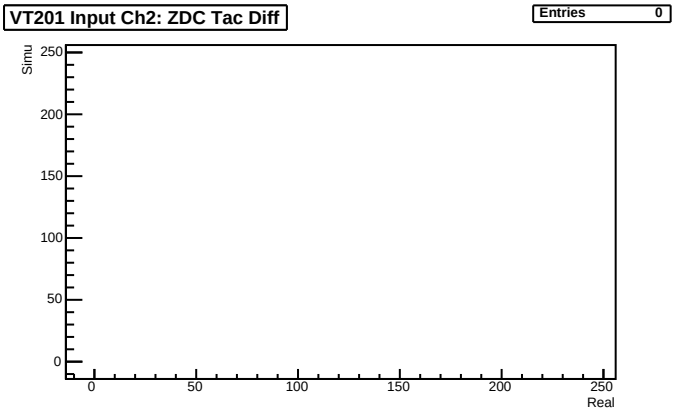

VT201 Input Ch1: EPD Tac Diff
Entries 410056
Tac

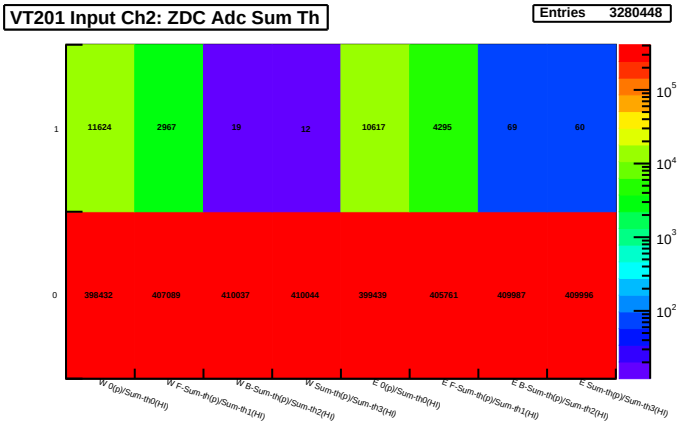

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

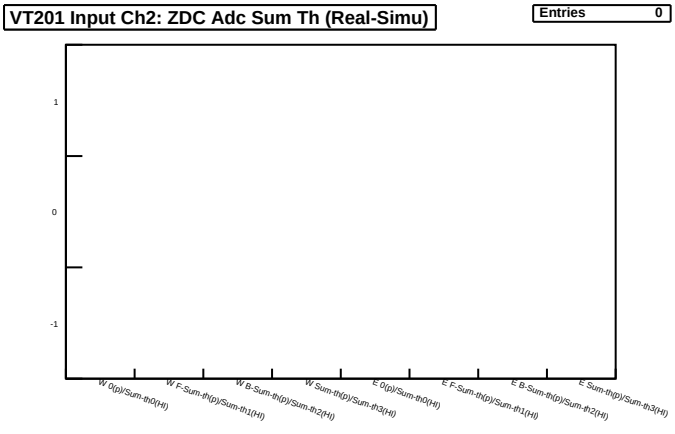

VT201 Input Ch1: EPD Hit Count Th
Entries 820112
405405
404360
4651
5596
East
West

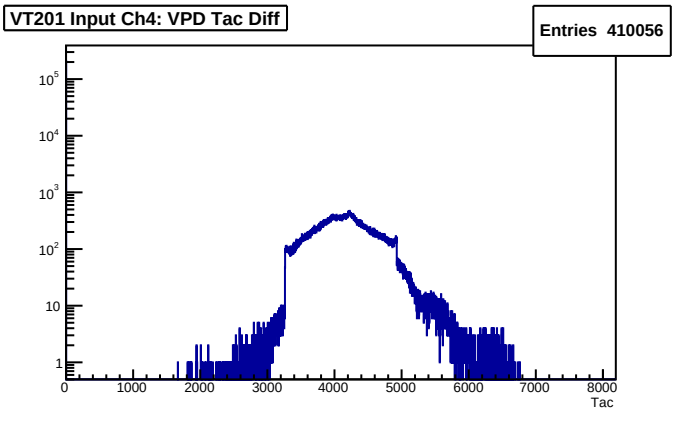

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

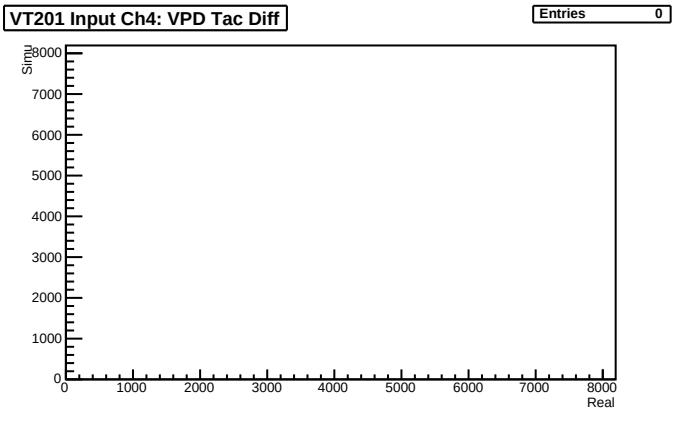

VT201 Input Ch2: ZDC Tac Diff
Entries 410056
Tac

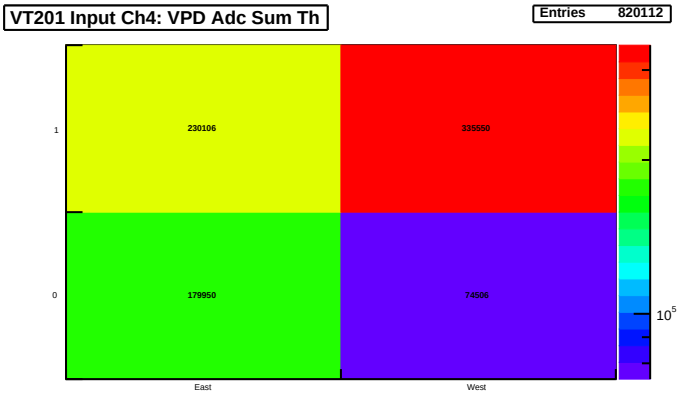

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

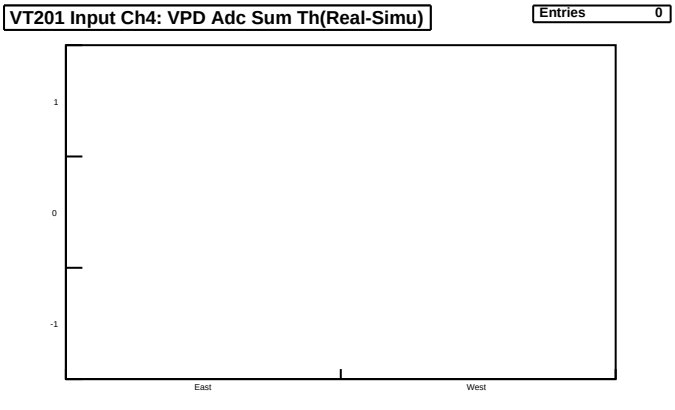

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3280448
11624
2967
19
12
10617
4295
69
60
398432
407089
410037
410044
399439
405761
409987
409996
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

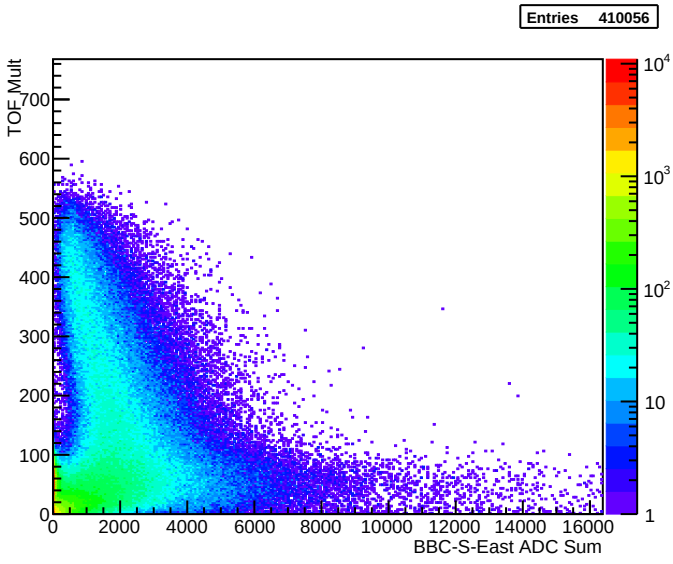

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

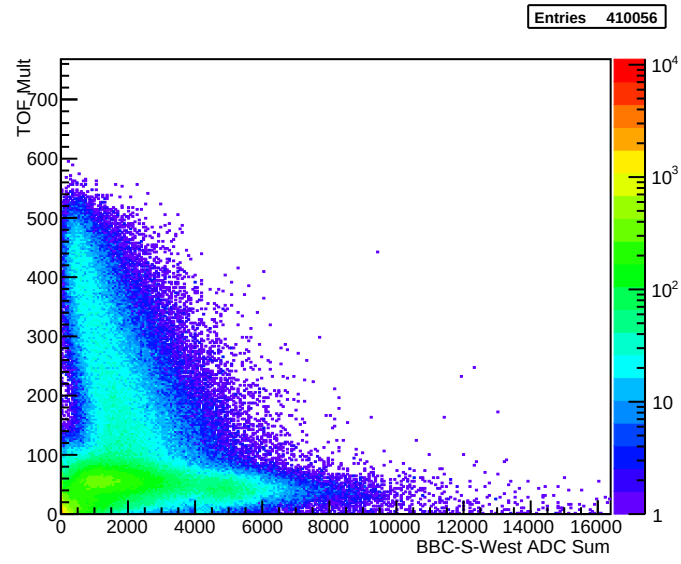

VT201 Input Ch4: VPD Tac Diff
Entries 410056
Tac

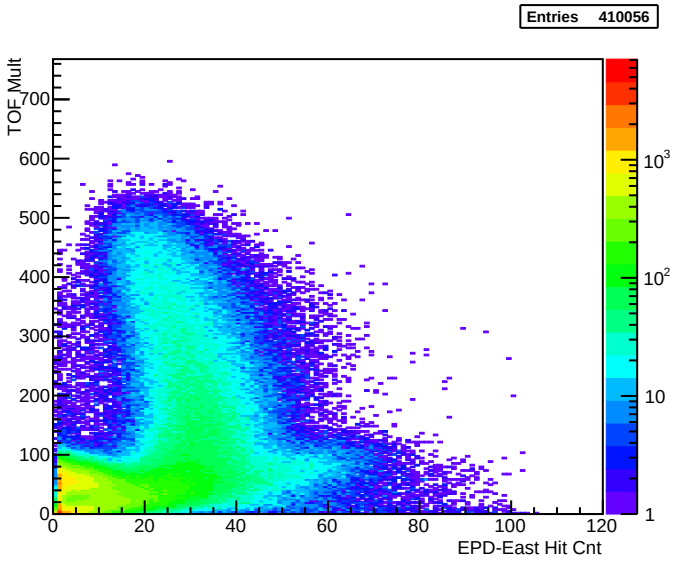

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

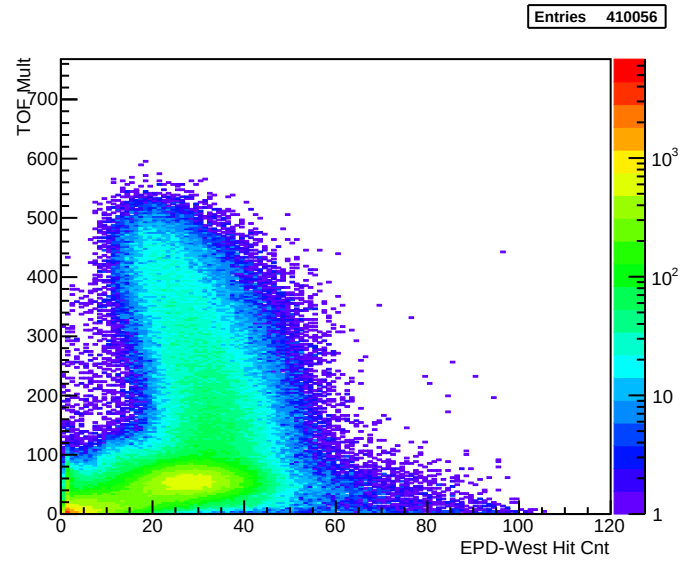

VT201 Input Ch4: VPD Adc Sum Th
Entries 820112
230106
335550
179950
74506
East
West

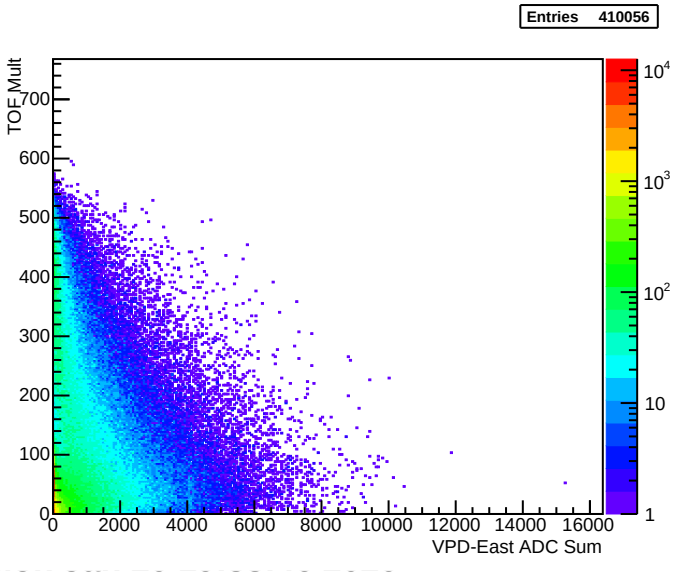

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

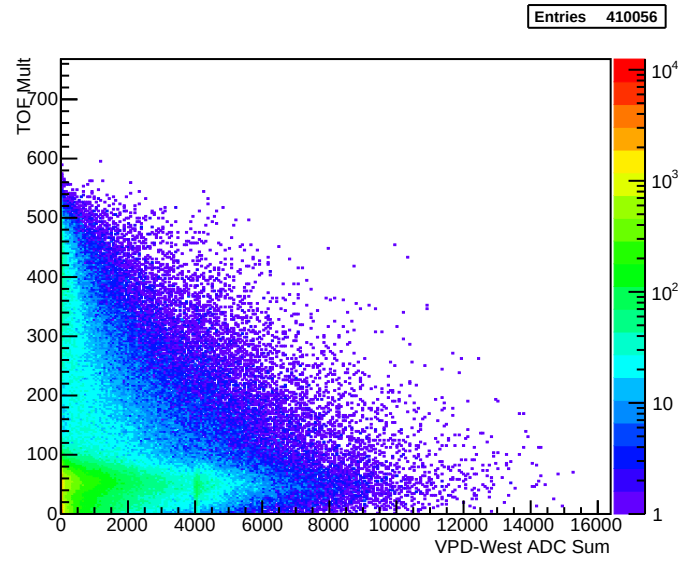

Entries 410056
TOF_Mult
BBC-S-East ADC Sum

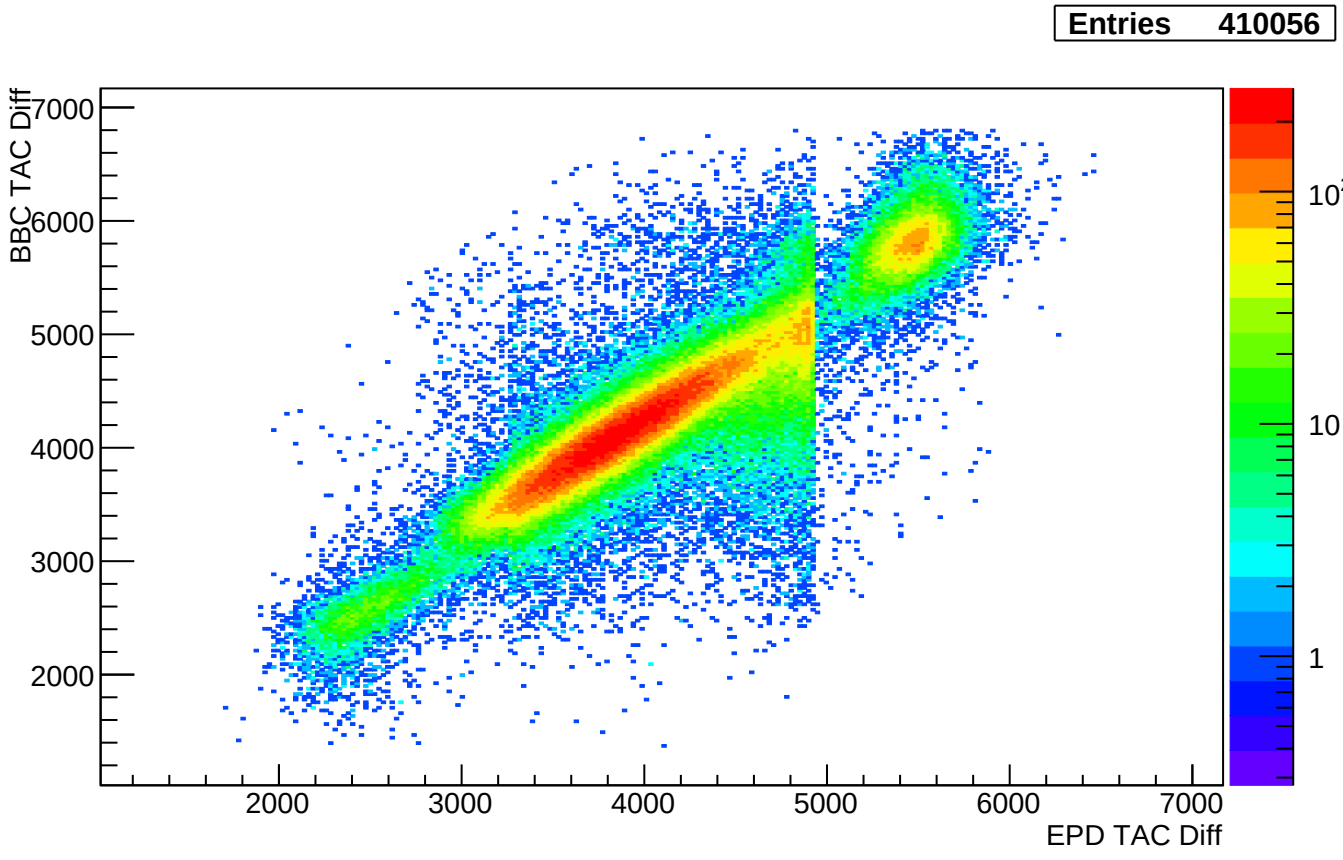

Entries 410056
TOF_Mult
BBC-S-West ADC Sum

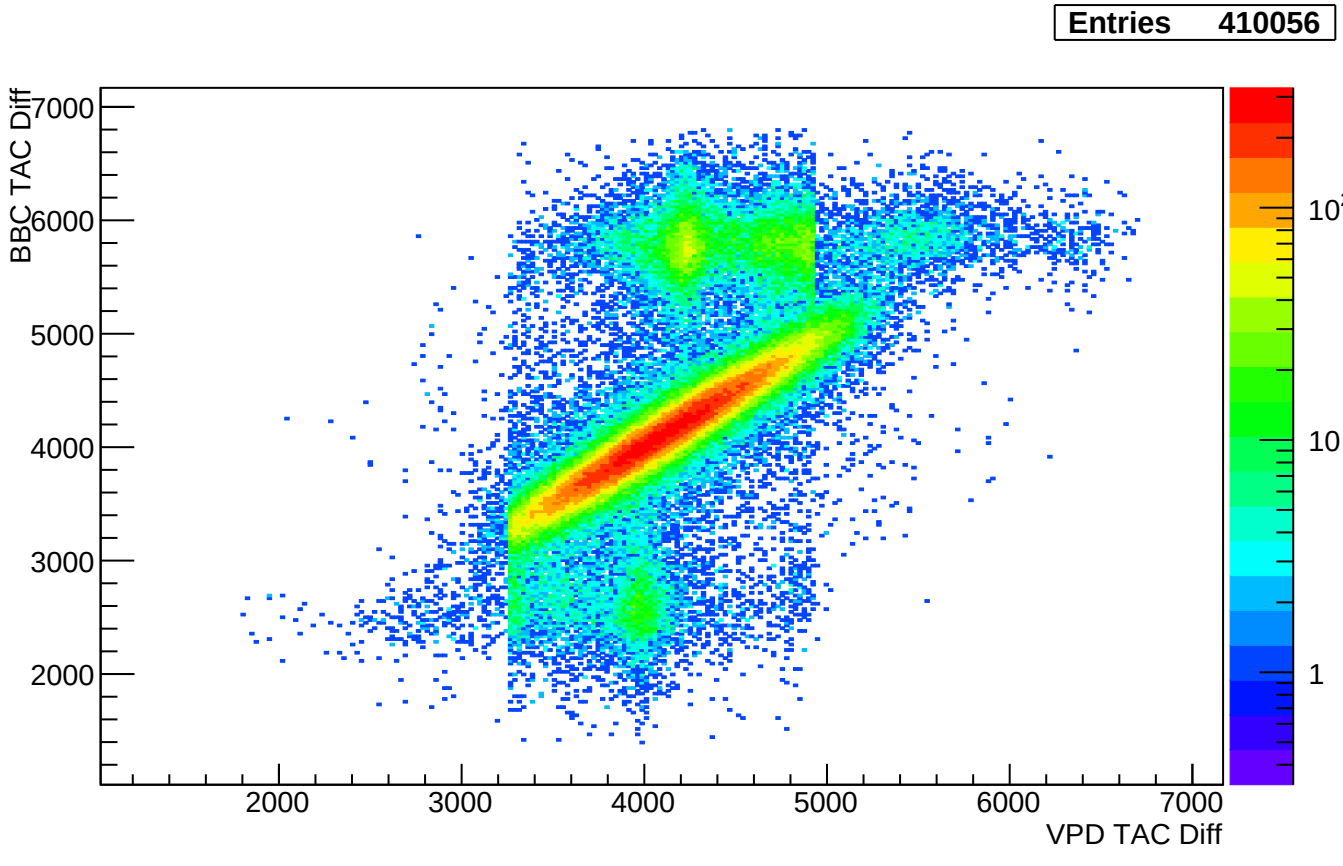

Entries 410056
TOF_Mult
EPD-East Hit Cnt

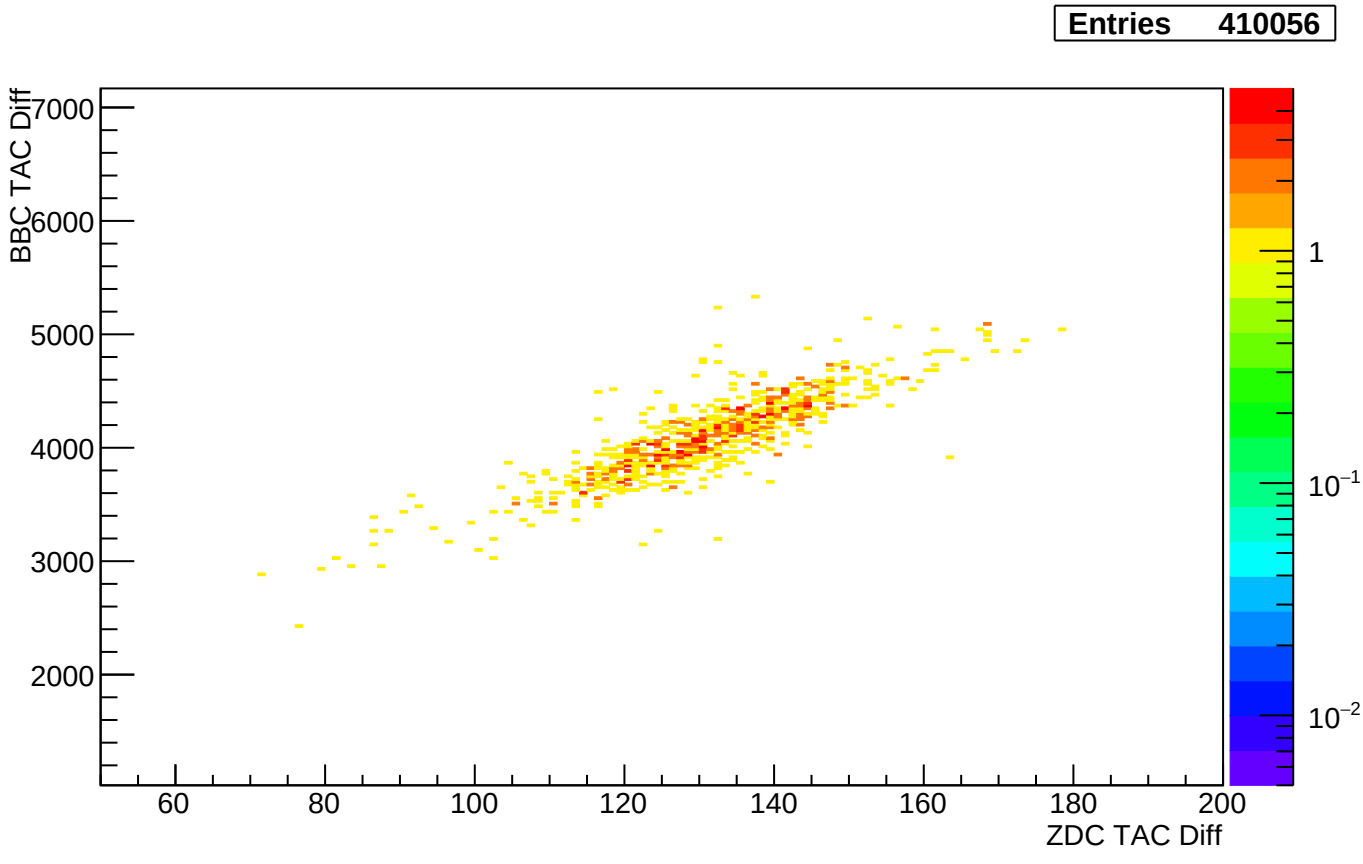

Entries 410056
TOF_Mult
EPD-West Hit Cnt

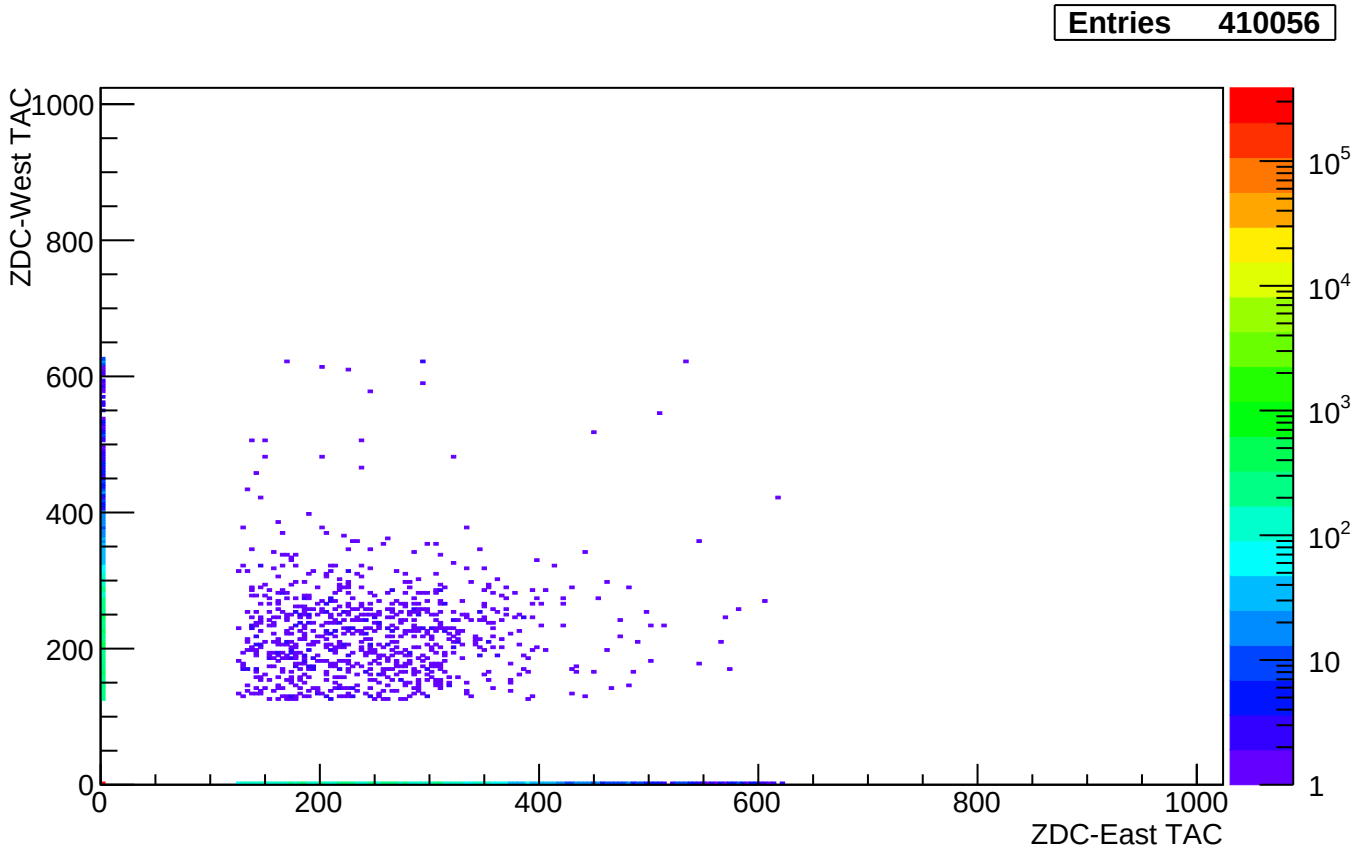

Entries 410056
TOF_Mult
VPD-East ADC Sum

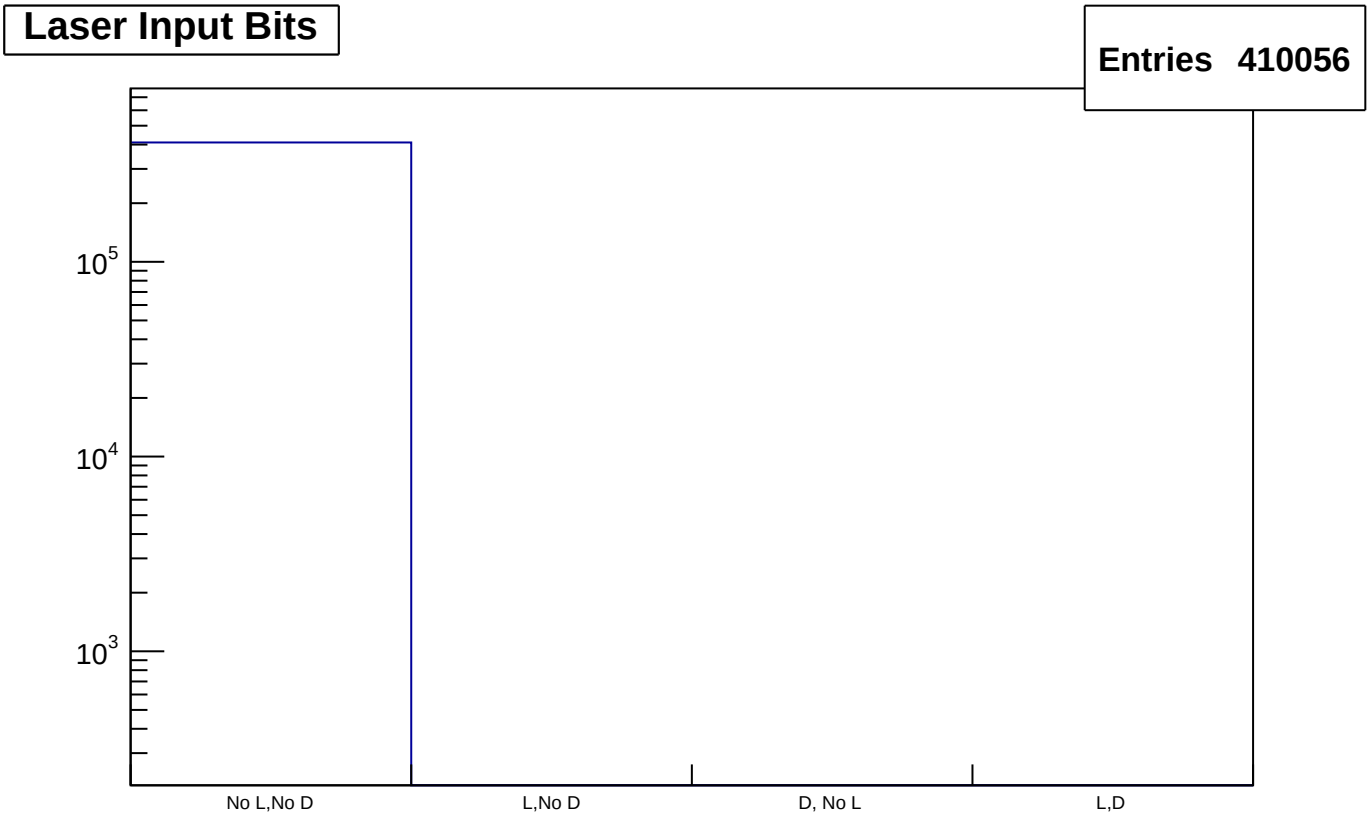

Entries 410056
TOF_Mult
VPD-West ADC Sum

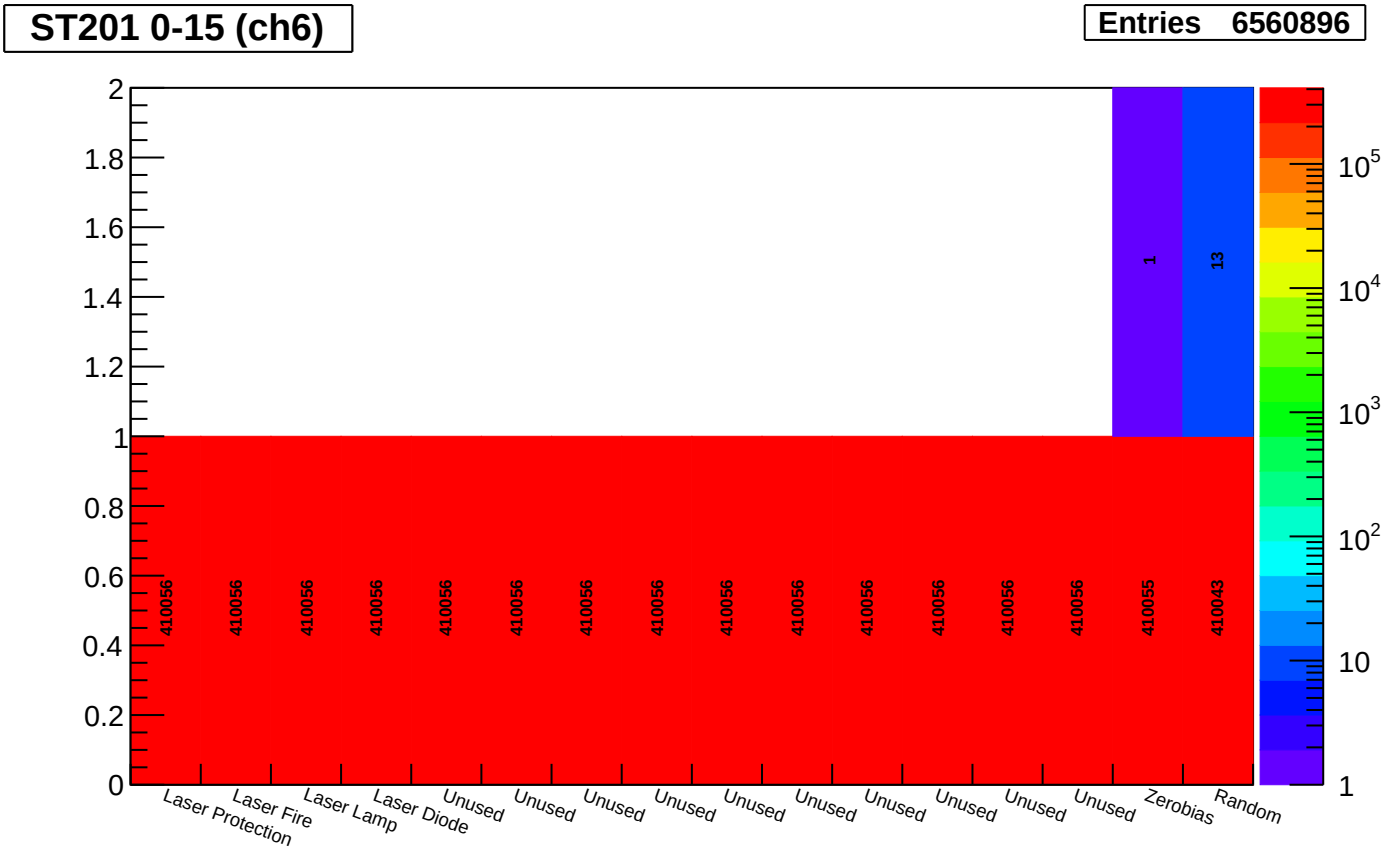

Entries 410056
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

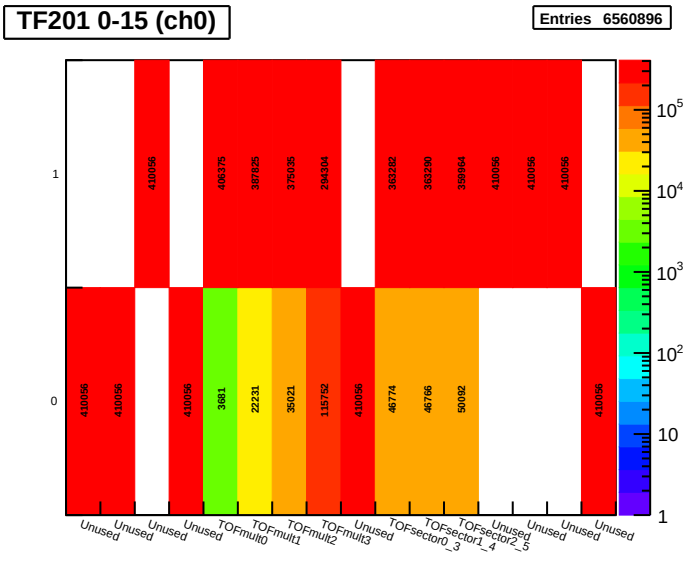

Entries 410056
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

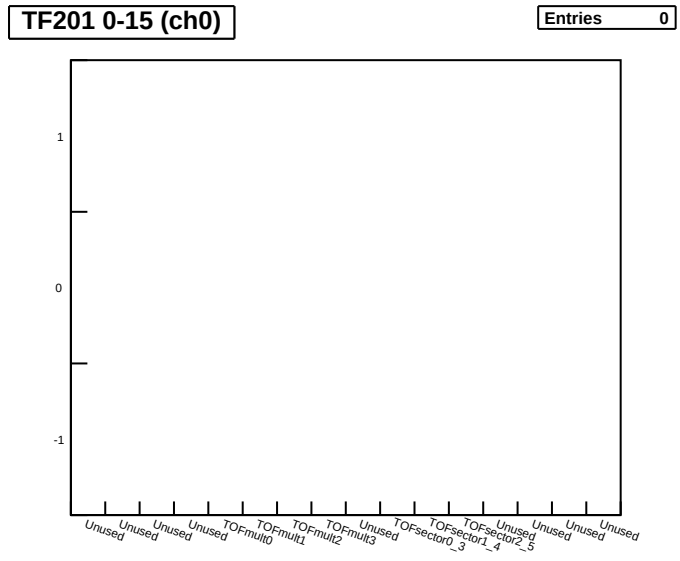

Entries 410056
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

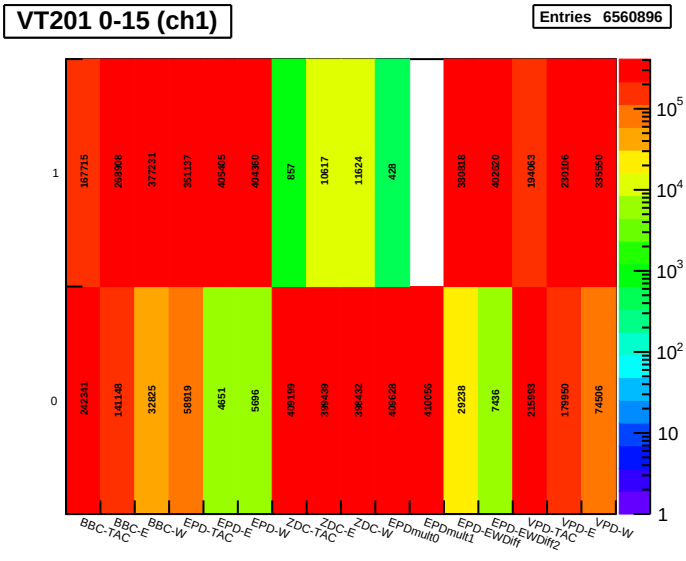

Entries 410056
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

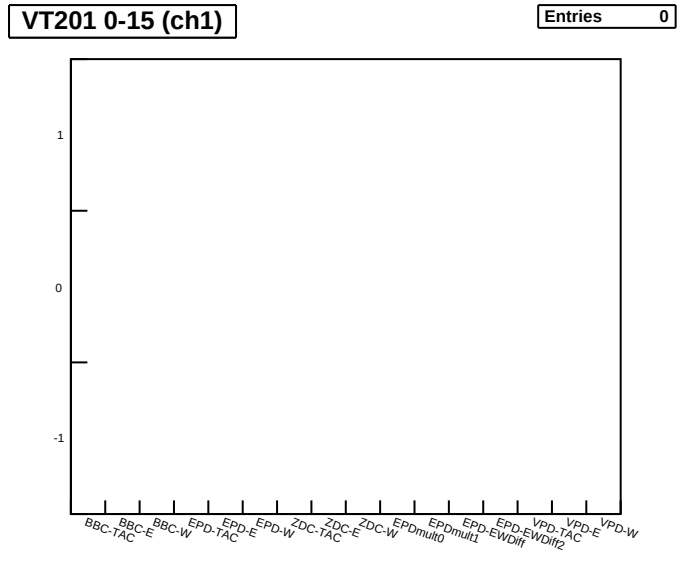

Laser Input Bits
Entries 410056
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

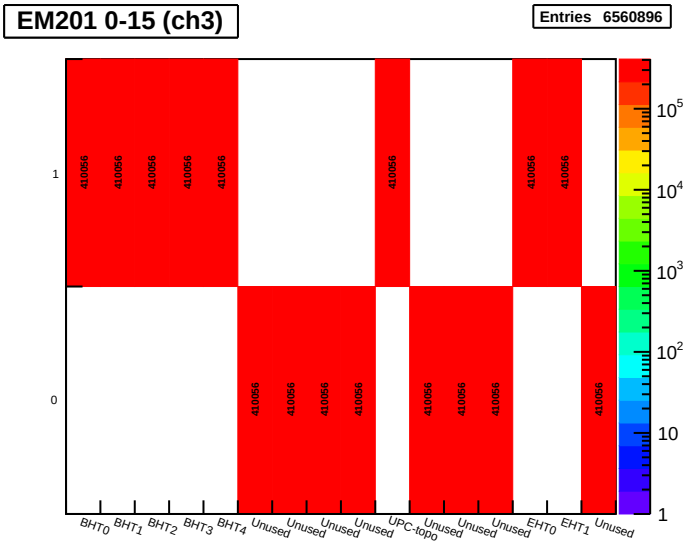

ST201 0-15 (ch6)
Entries 6560896
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
410056
410056
410056
410056
410056
410056
410056
410056
410056
410056
410056
410056
410056
410056
410055
410043
1
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

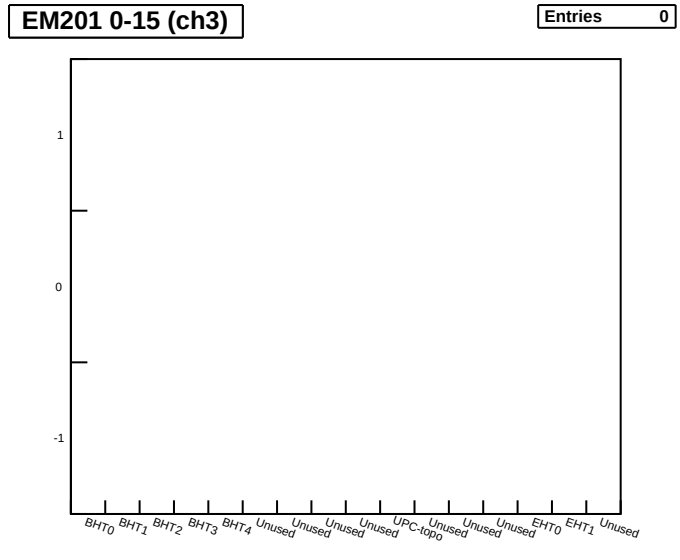

TF201 0-15 (ch0)
Entries 6560896
1
0
410056
406375
397825
375035
294304
363282
363290
359964
410056
410056
410056
410056
410056
410056
3681
22231
35021
115752
410056
46774
46766
50092
410056
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 6560896
1
0
167715
268908
377231
351137
405405
404360
857
10617
11624
428
380818
402620
194063
230106
335580
242341
141148
32825
58919
4651
5696
409139
399439
398432
409628
410056
29238
7436
215993
179950
74506
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 6560896
1
0
410056
410056
410056
410056
410056
410056
410056
410056
410056
410056
410056
410056
410056
410056
410056
410056
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