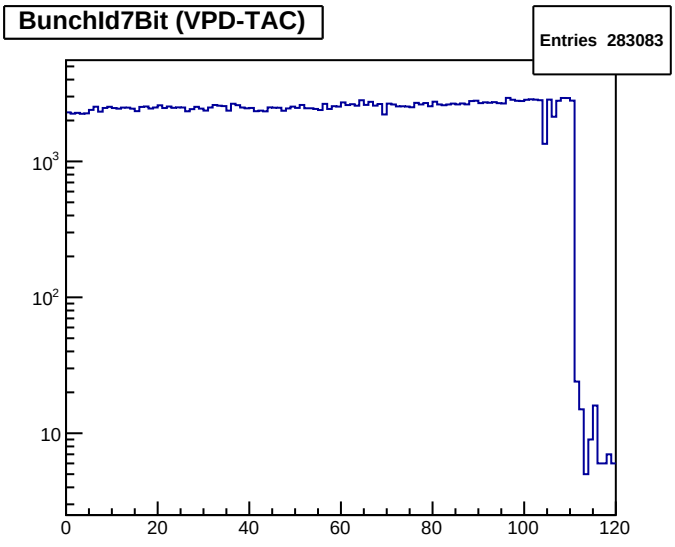
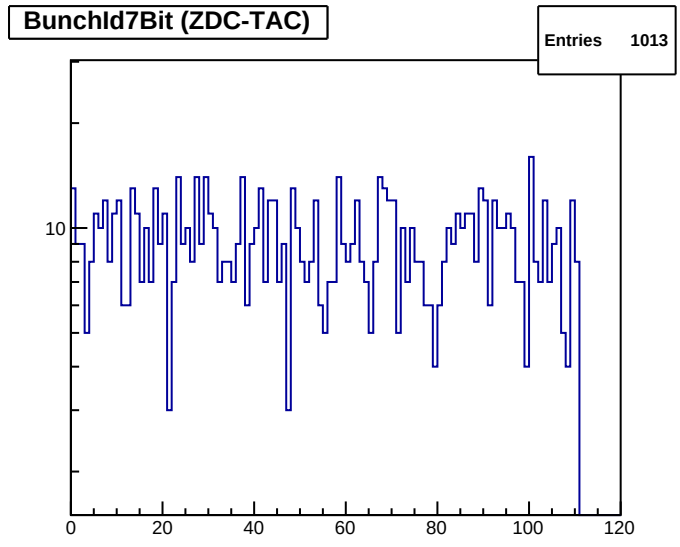
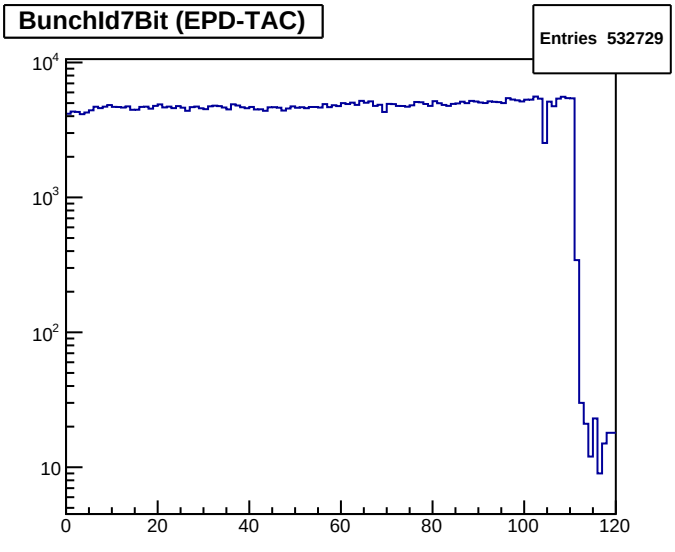
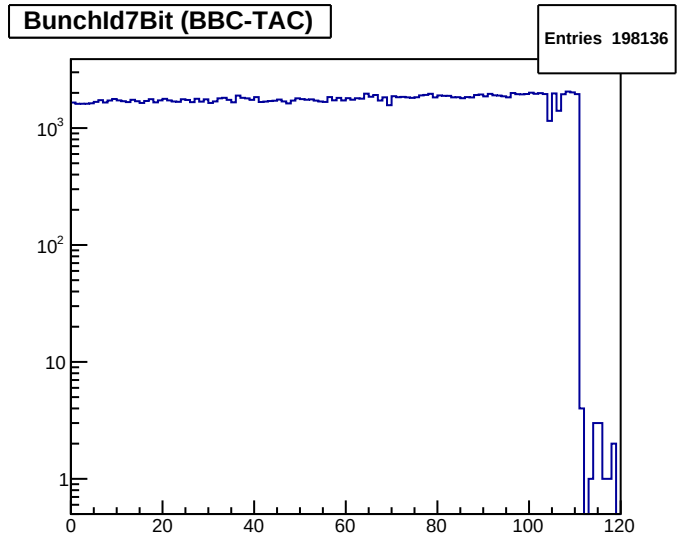
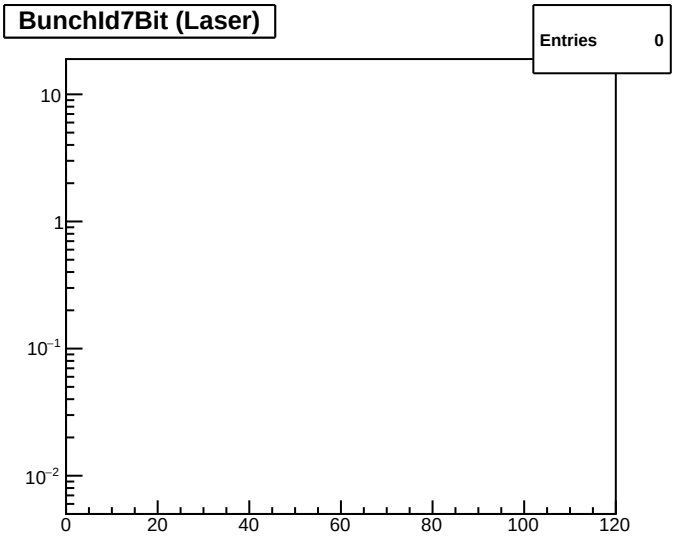
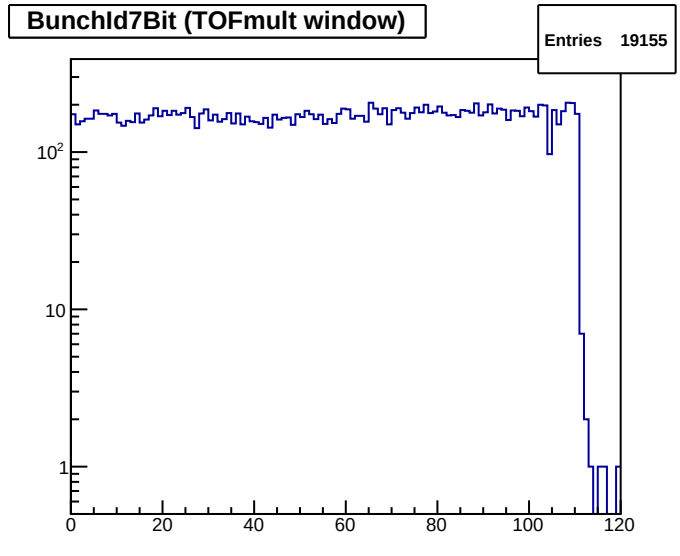

BunchId7Bit (VPD-TAC)
Entries 283083

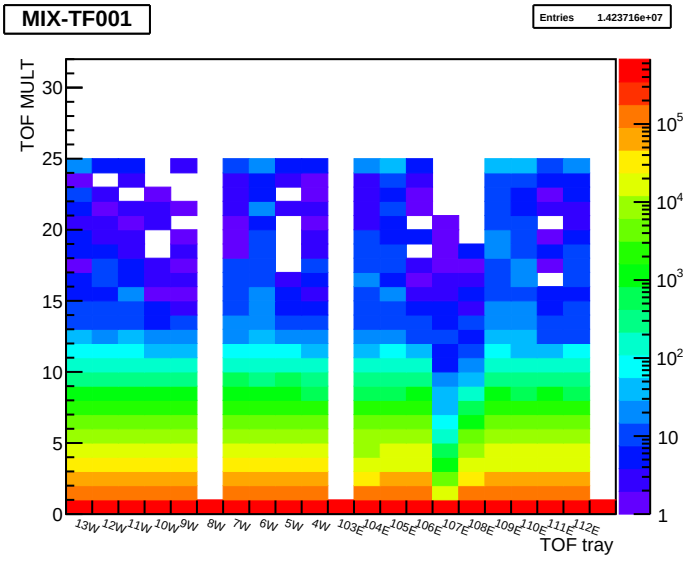

BunchId7Bit (ZDC-TAC)
Entries 1013

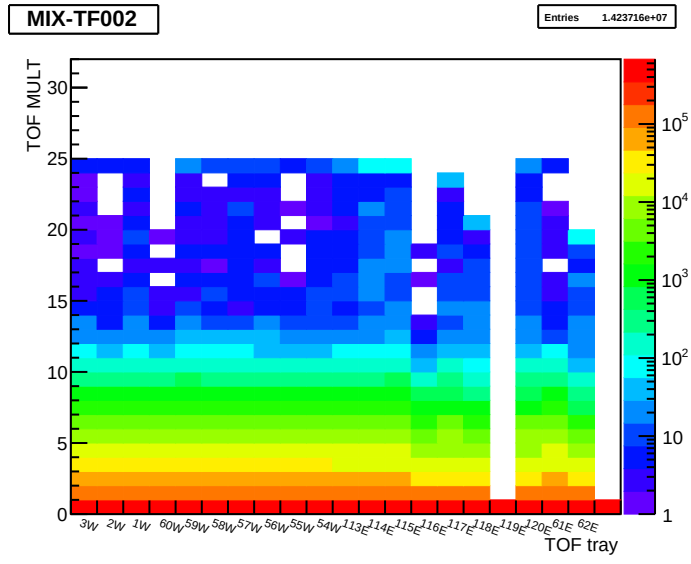

BunchId7Bit (EPD-TAC)
Entries 532729

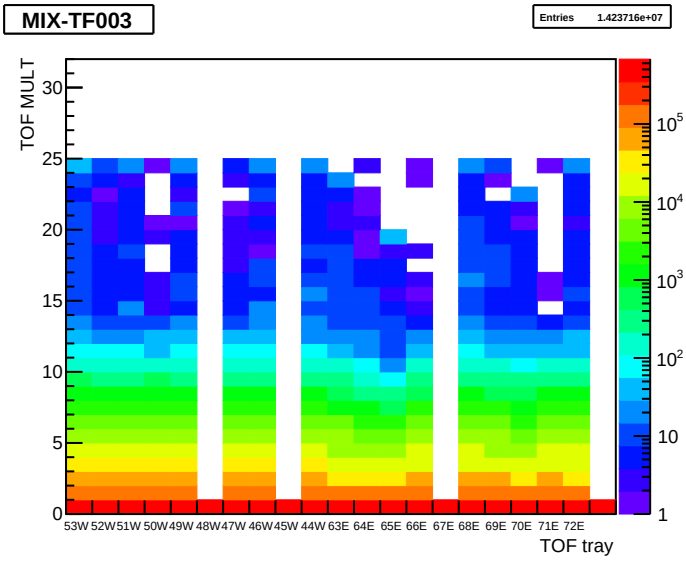

BunchId7Bit (BBC-TAC)
Entries 198136

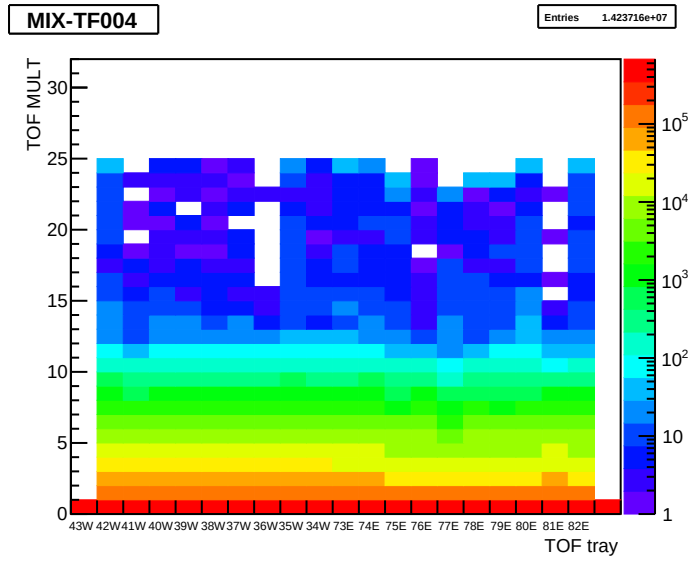

BunchId7Bit (Laser)
Entries 0

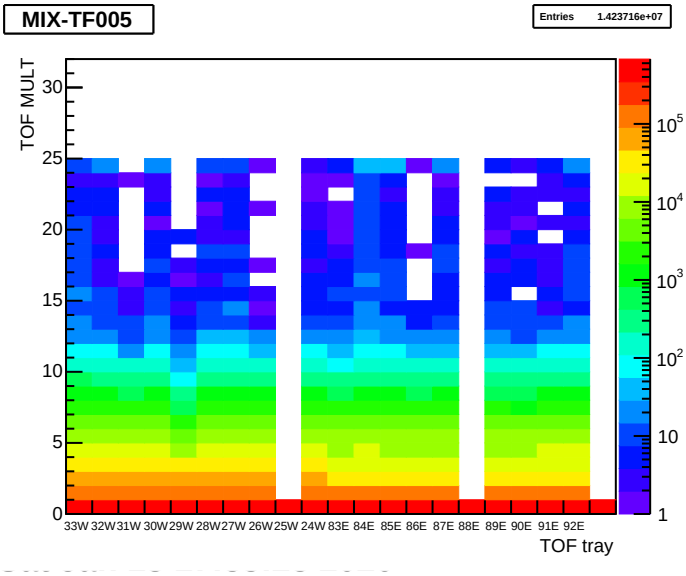

BunchId7Bit (TOFmult window)
Entries 19155

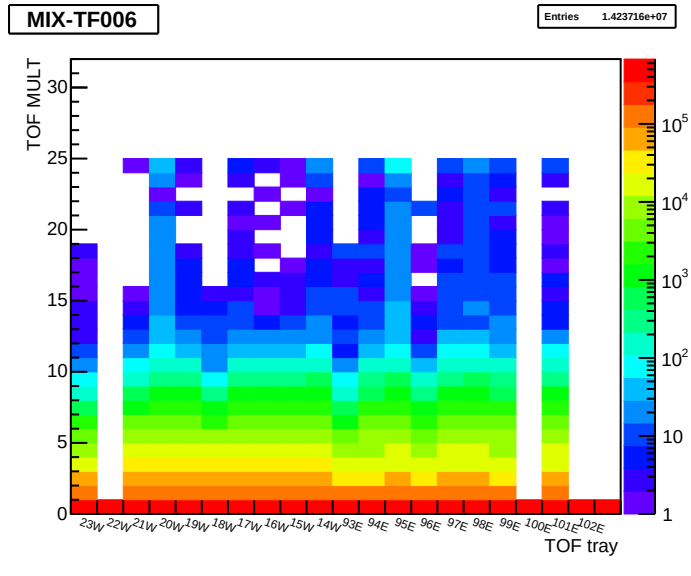

MIX-TF001
Entries 1.423716e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

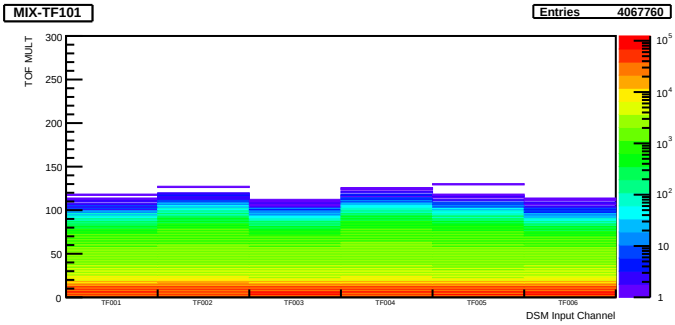

MIX-TF002
Entries 1.423716e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

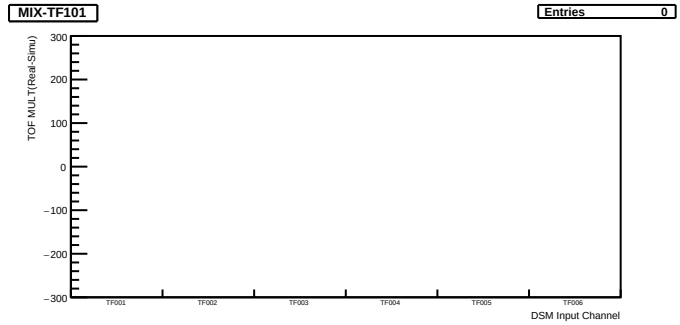

MIX-TF003
Entries 1.423716e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

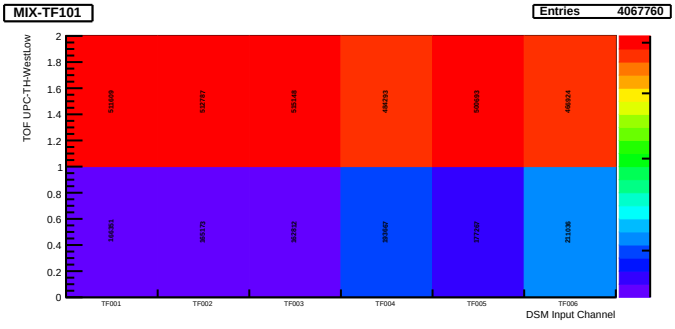

MIX-TF004
Entries 1.423716e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

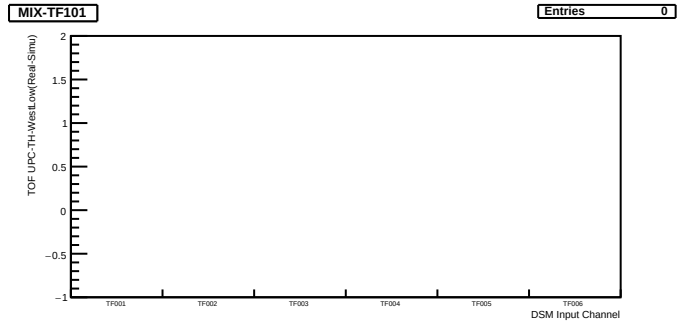

MIX-TF005
Entries 1.423716e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

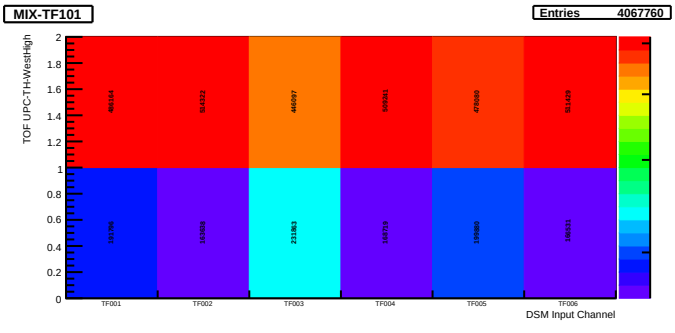

MIX-TF006
Entries 1.423716e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

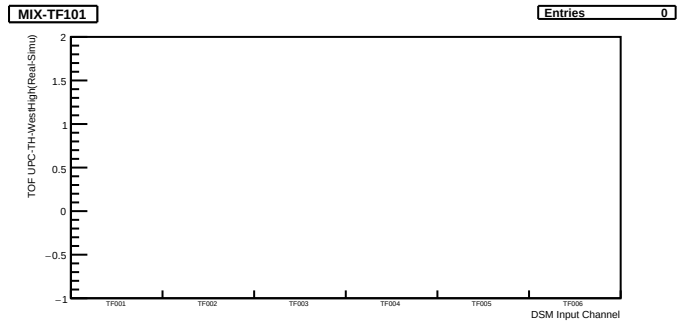

MIX-TF101
Entries 4067760
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

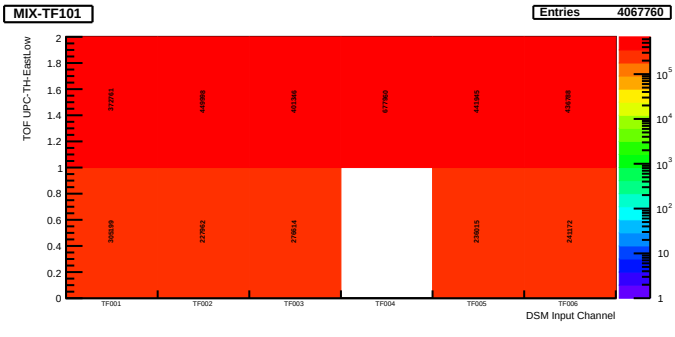

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

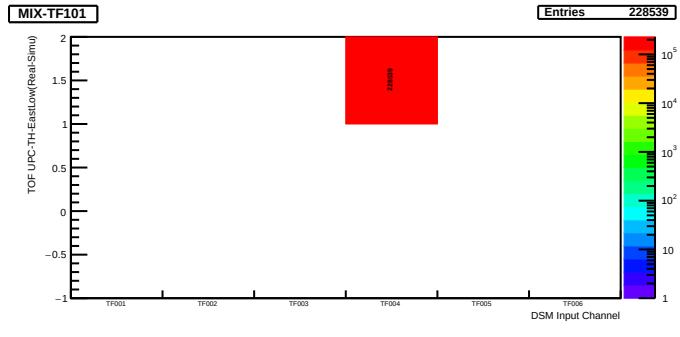

MIX-TF101
Entries 4067760
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

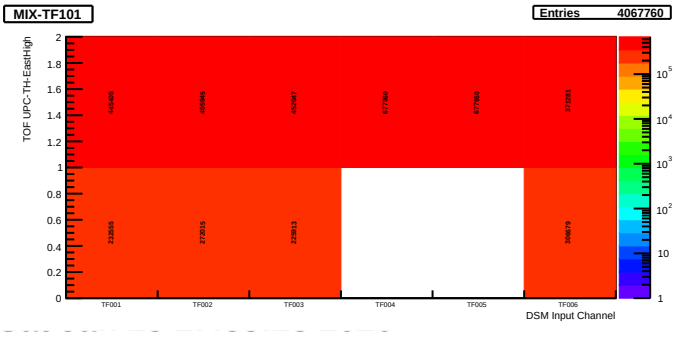

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

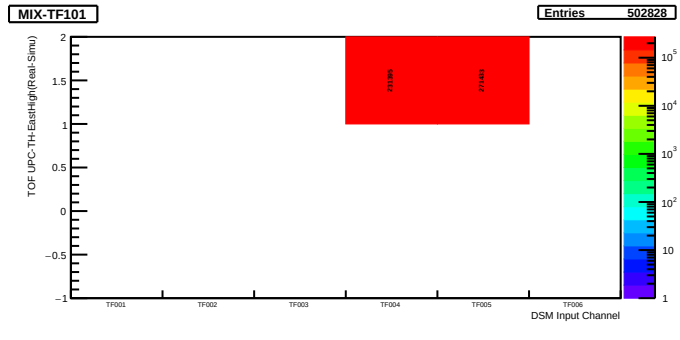

MIX-TF101
Entries 4067760
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

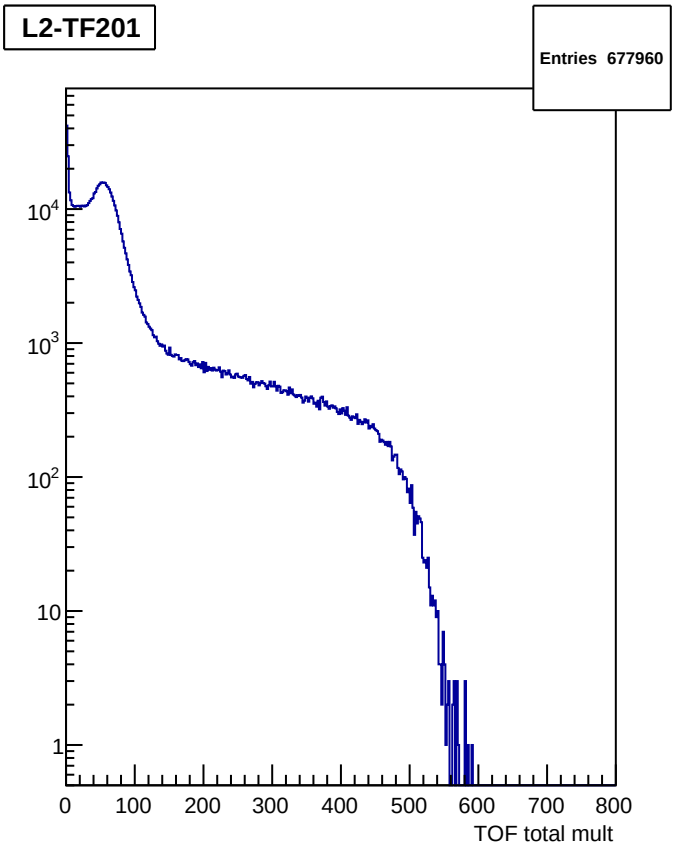

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

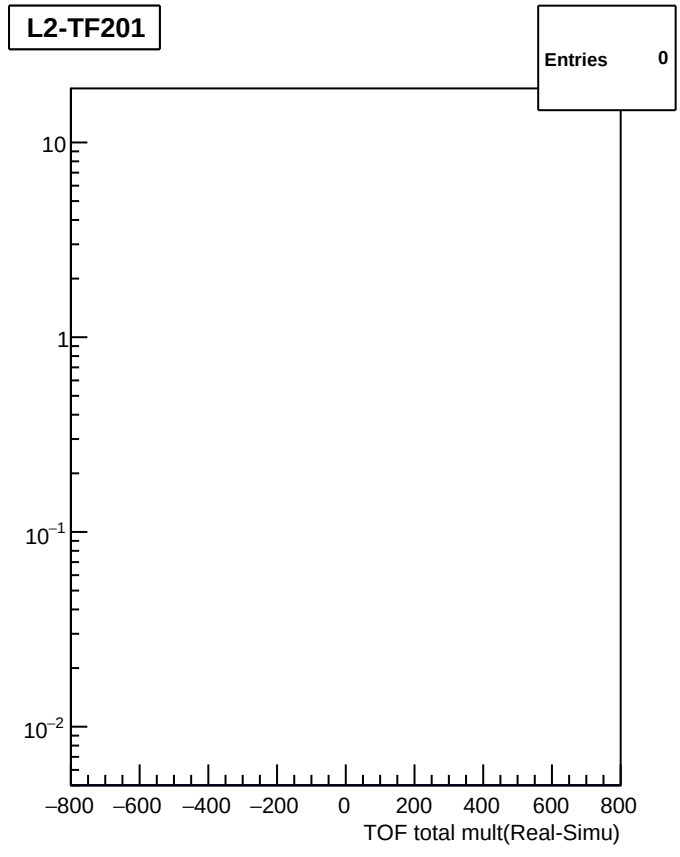

MIX-TF101
Entries 4067760
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

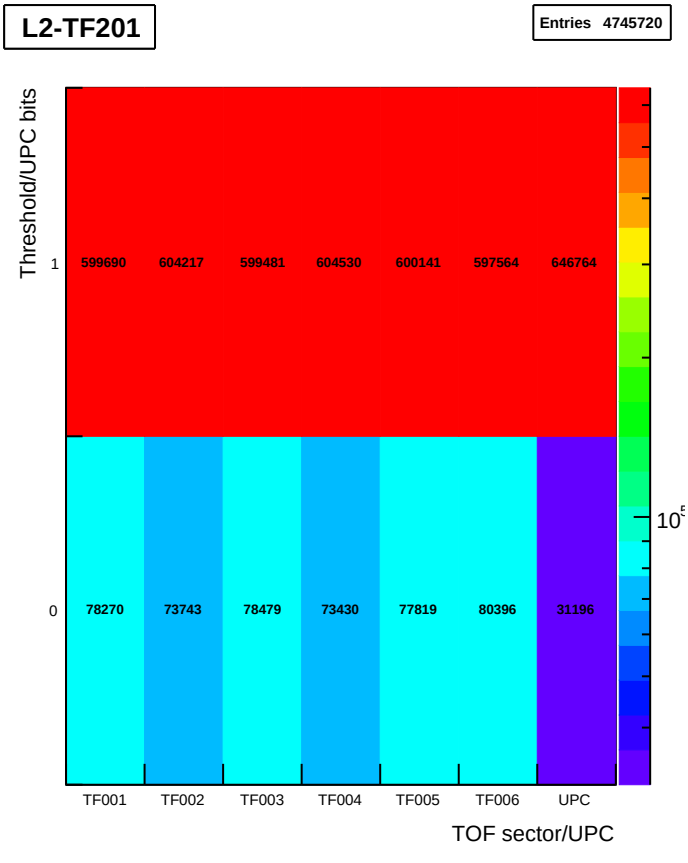

MIX-TF101
Entries 228539
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

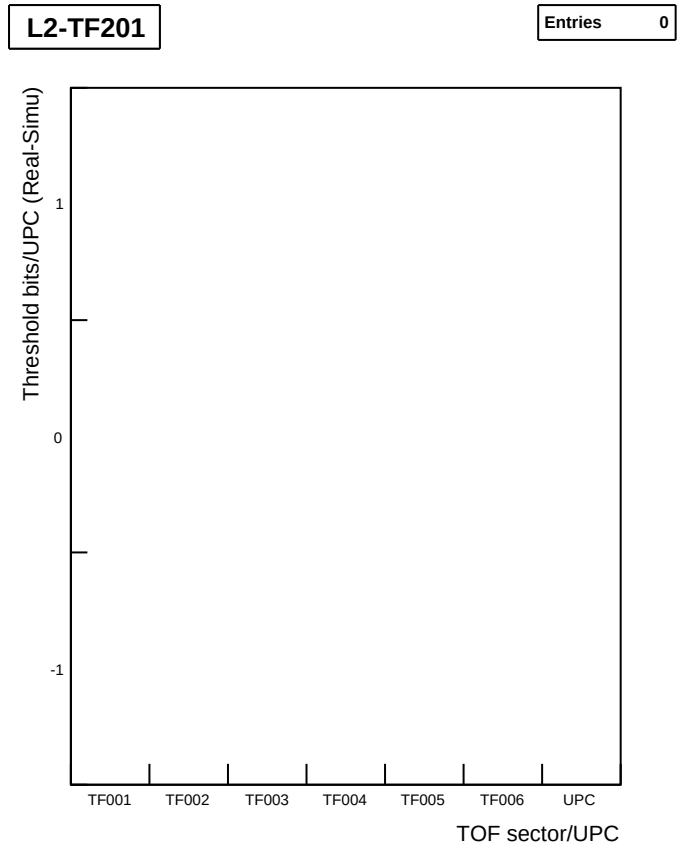

MIX-TF101
Entries 4067760
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

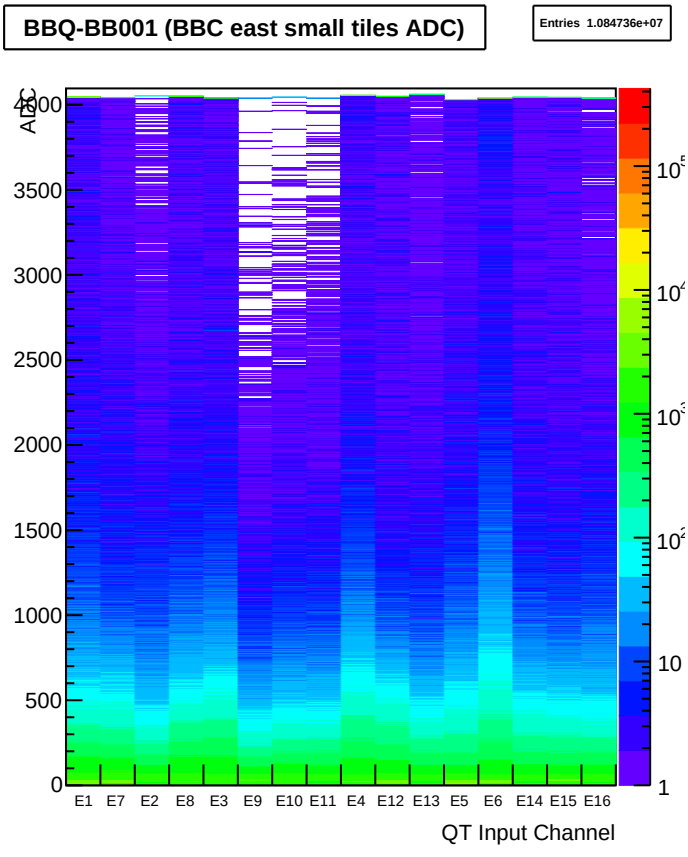

MIX-TF101
Entries 502828
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

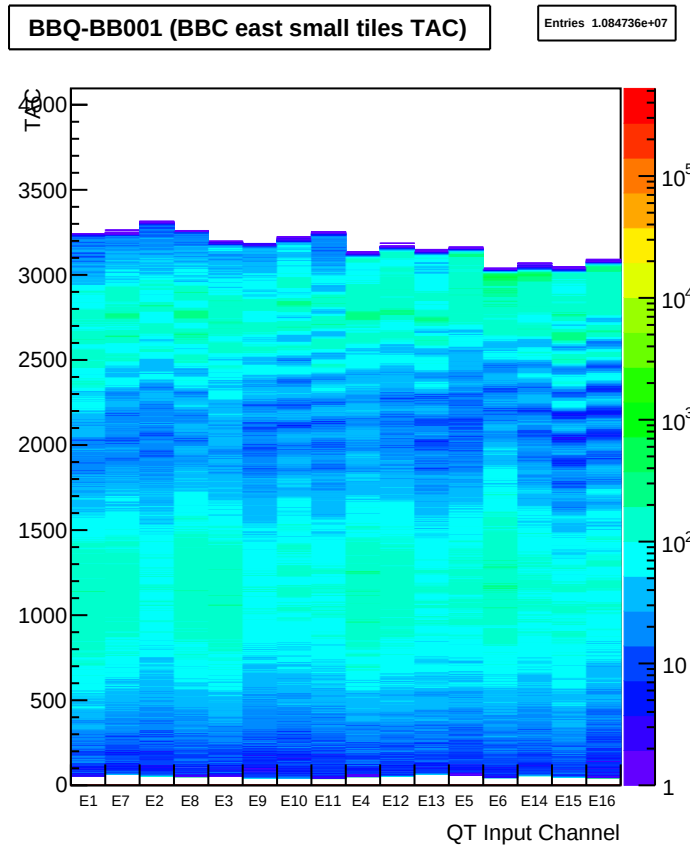

L2-TF201
Entries 677960
TOF total mult

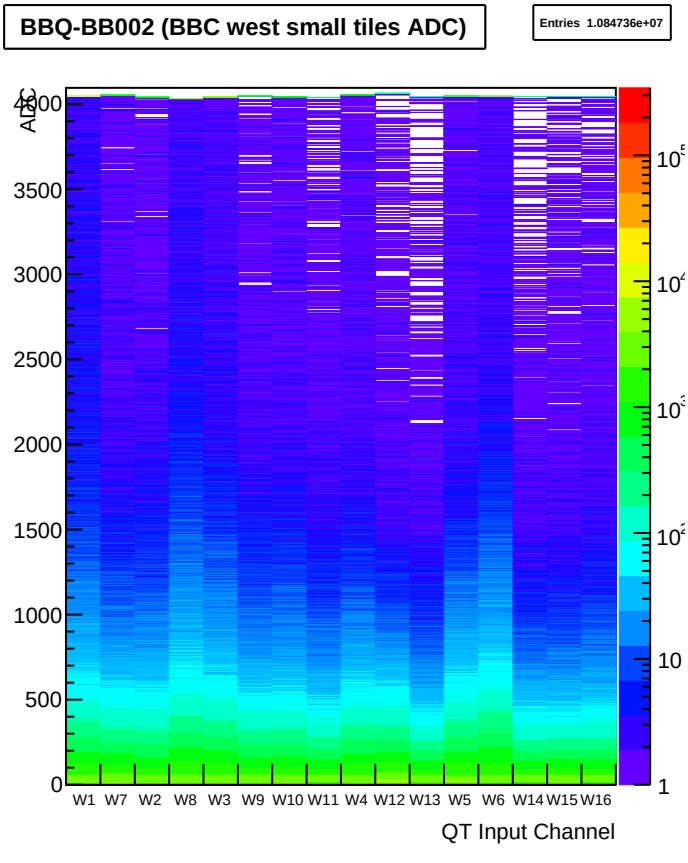

L2-TF201
Entries 0
TOF total mult(Real-Simu)

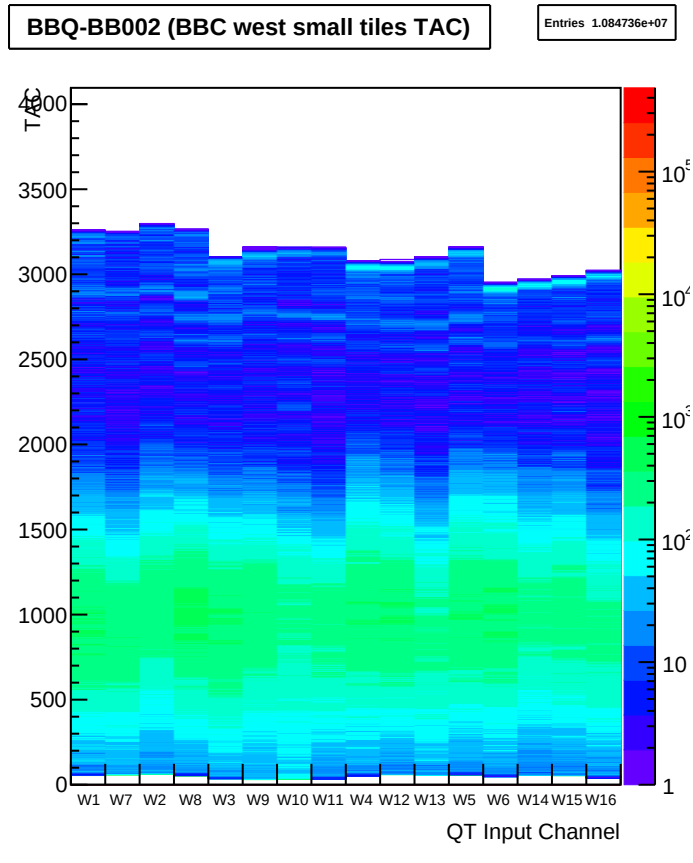

L2-TF201
Entries 4745720
Threshold/UPC bits
599690
604217
599481
604530
600141
597564
646764
78270
73743
78479
73430
77819
80396
31196
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

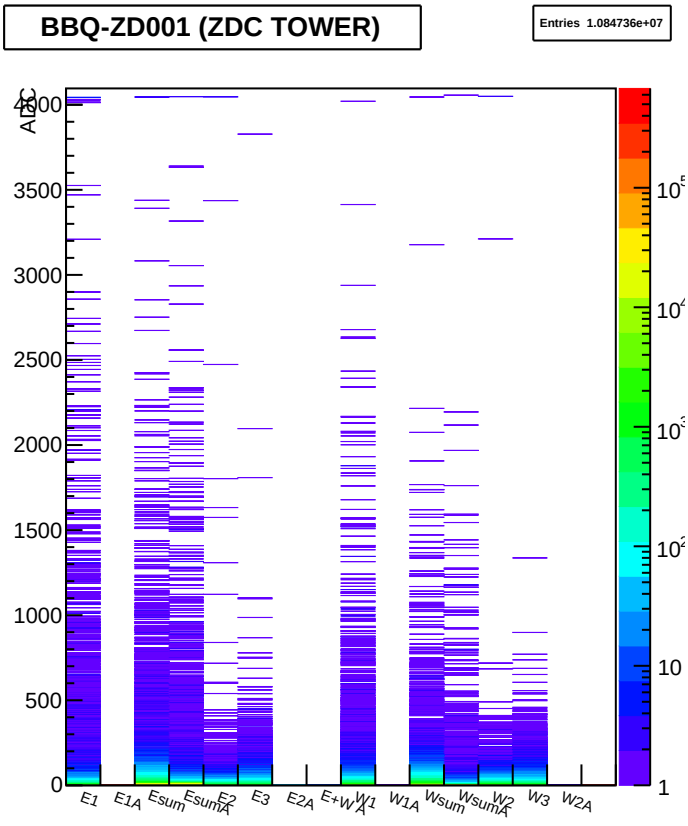

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

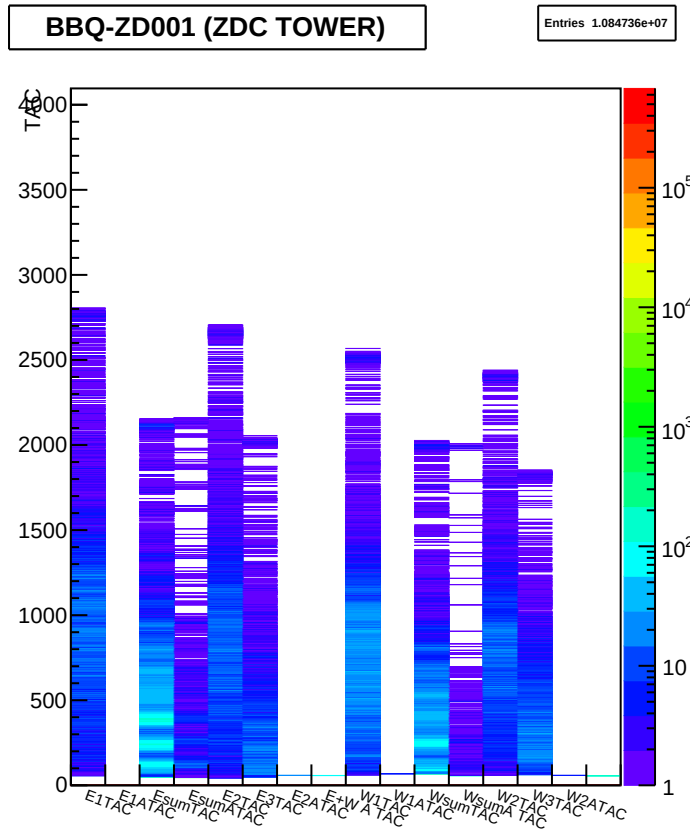

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.084736e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

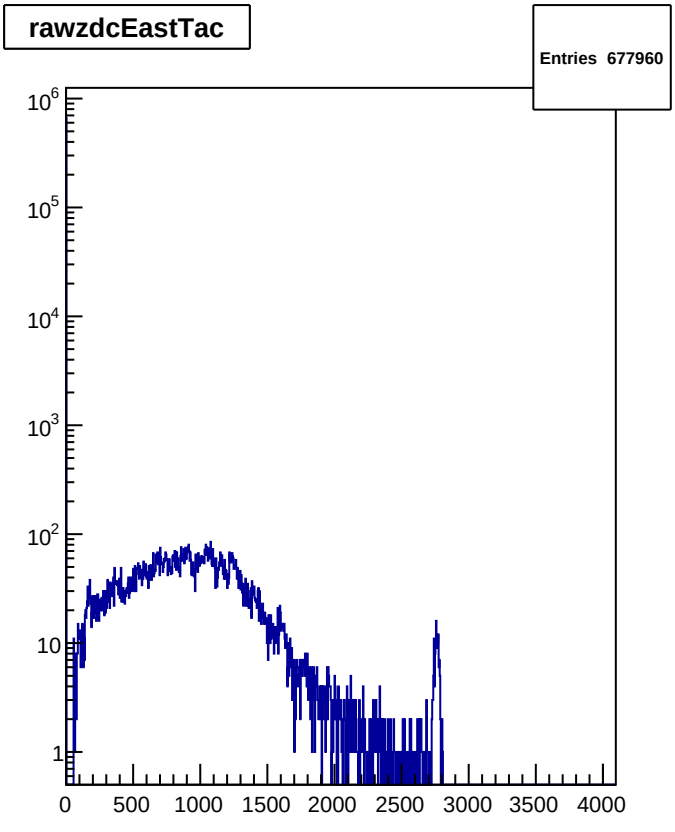

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.084736e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

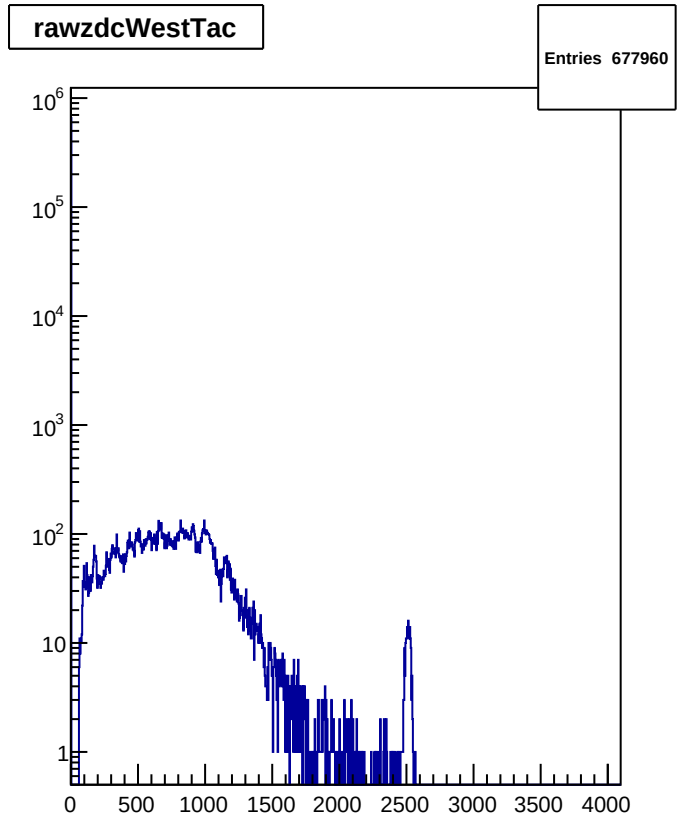

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.084736e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

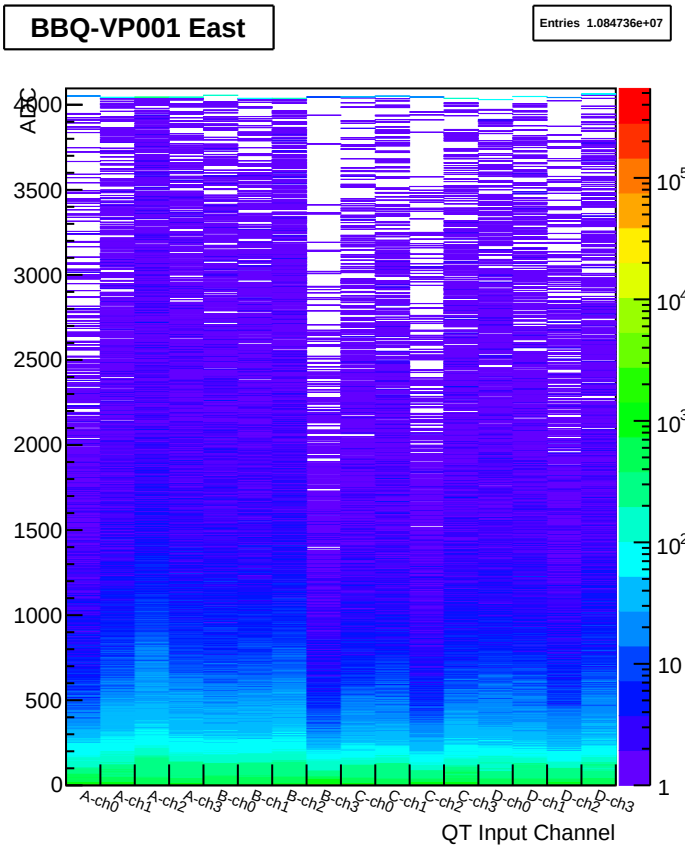

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.084736e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

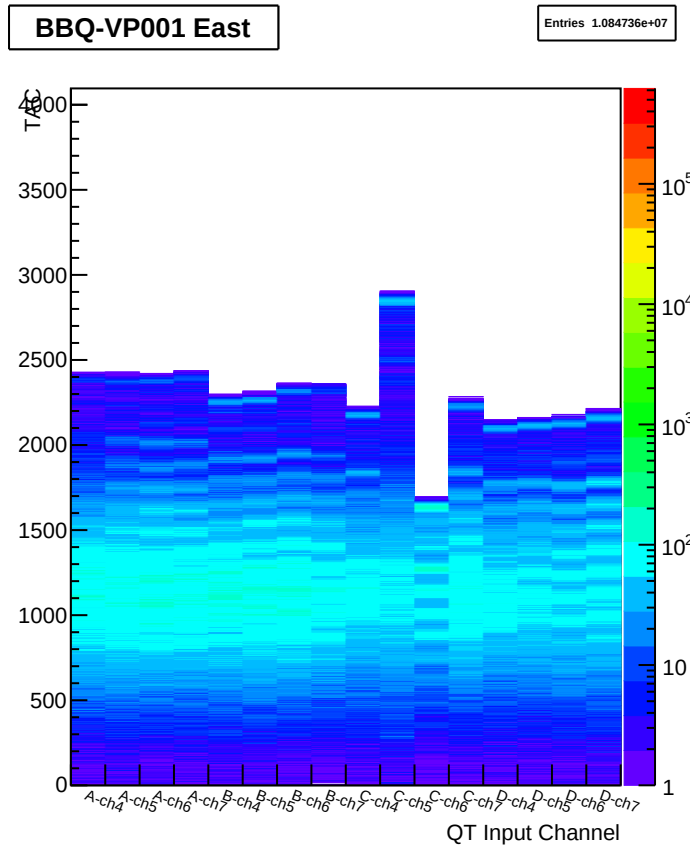

BBQ-ZD001 (ZDC TOWER)
Entries 1.084736e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

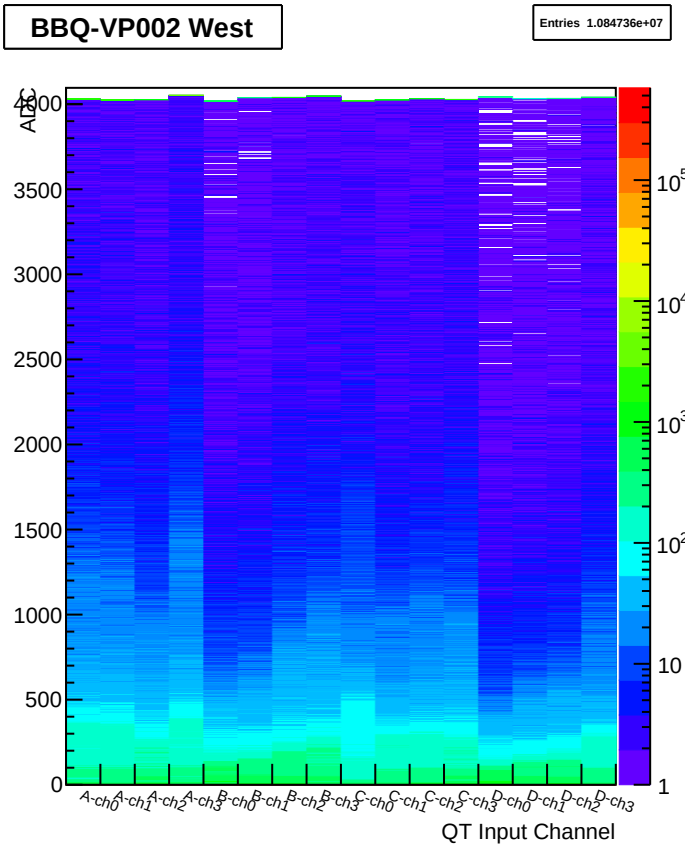

BBQ-ZD001 (ZDC TOWER)
Entries 1.084736e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

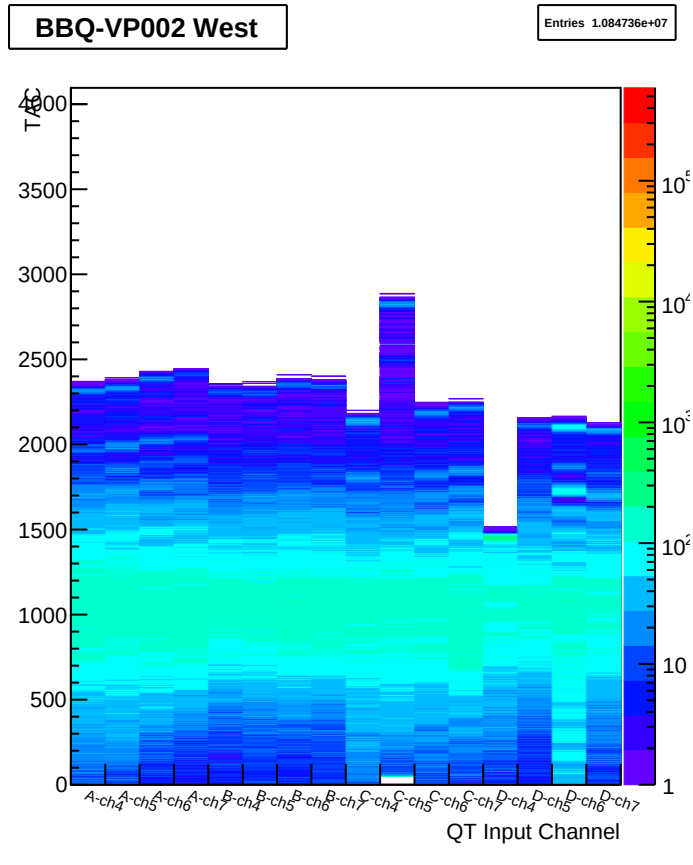

rawzdcEastTac
Entries 677960

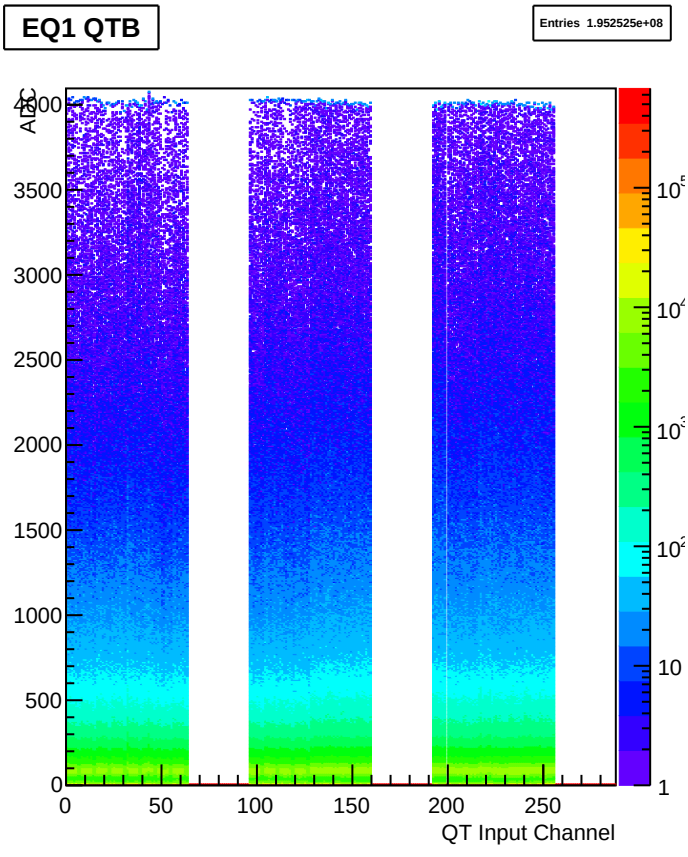

rawzdcWestTac
Entries 677960

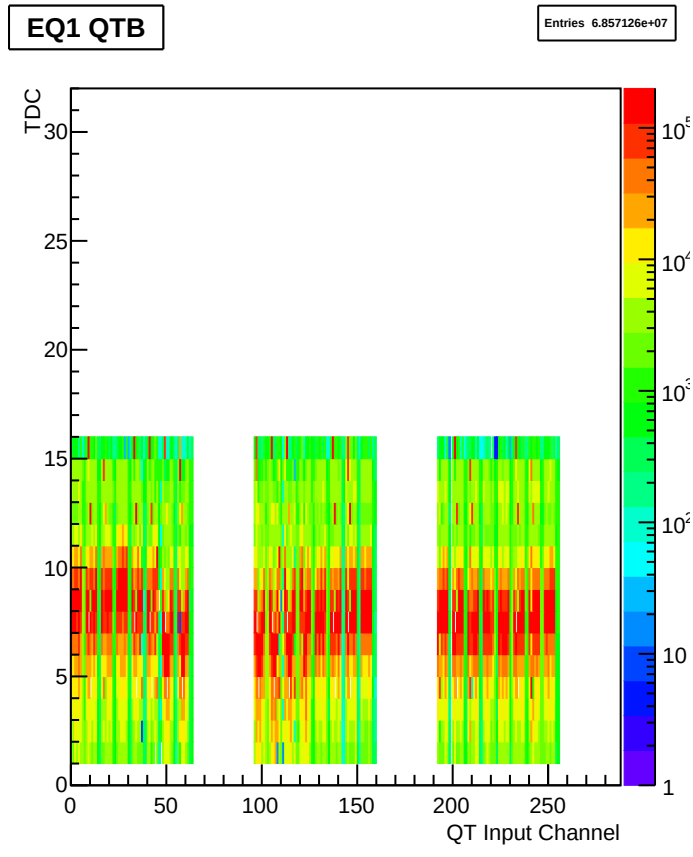

BBQ-VP001 East
Entries 1.084736e+07
ADC
QT Input Channel

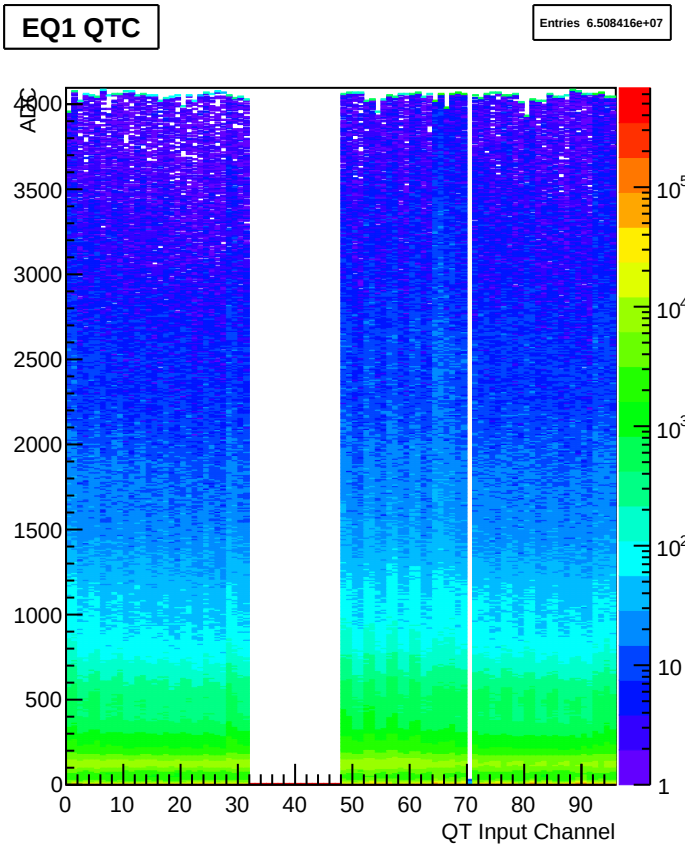

BBQ-VP001 East
Entries 1.084736e+07
TAC
QT Input Channel

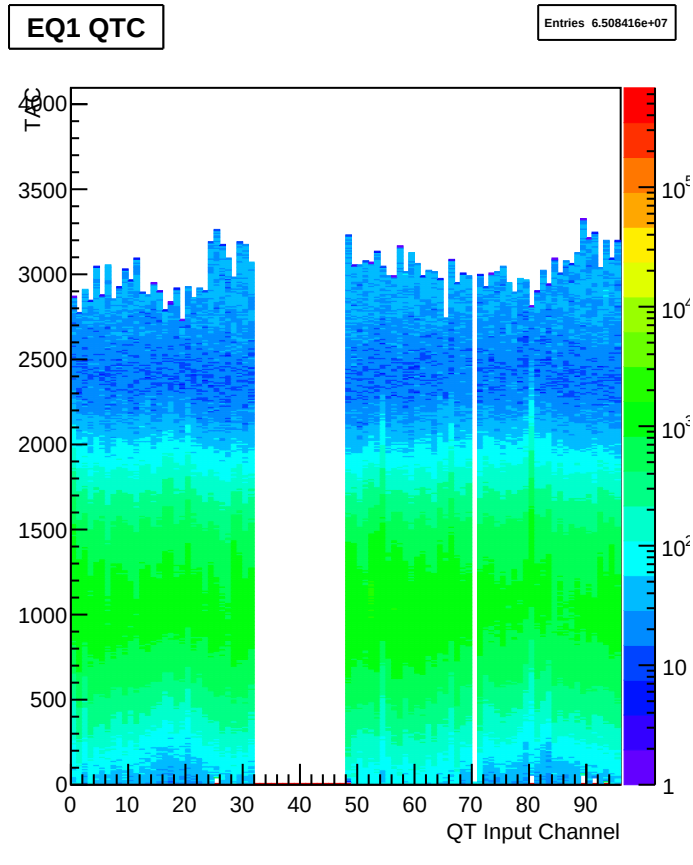

BBQ-VP002 West
Entries 1.084736e+07
ADC
QT Input Channel

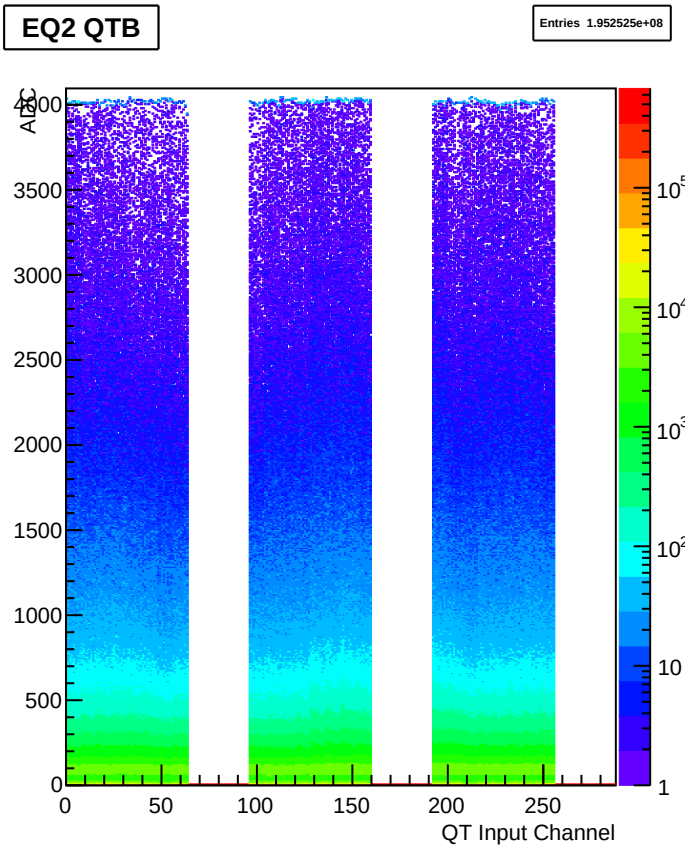

BBQ-VP002 West
Entries 1.084736e+07
TAC
QT Input Channel

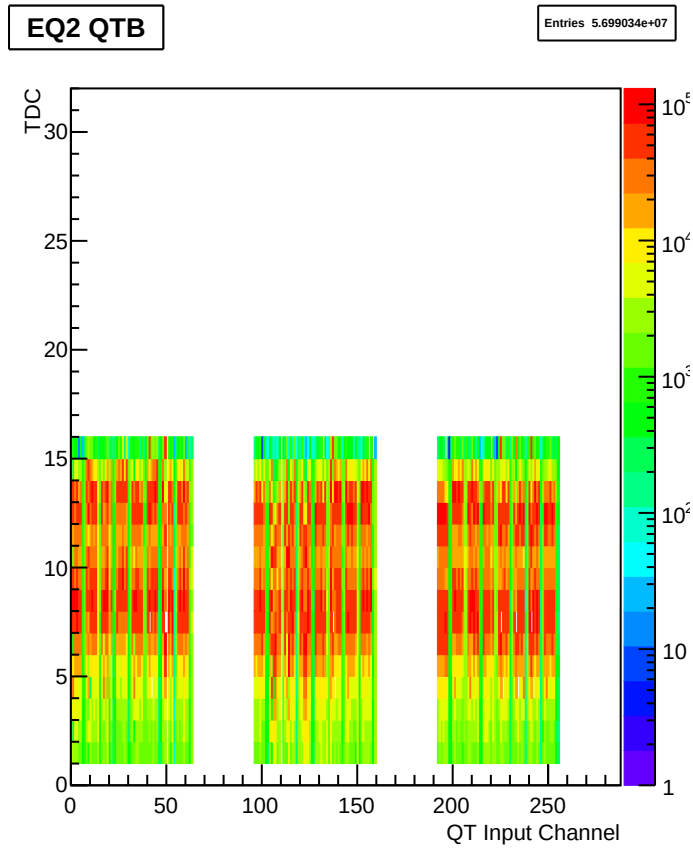

EQ1 QTB
Entries 1.952525e+08
ADC
QT Input Channel

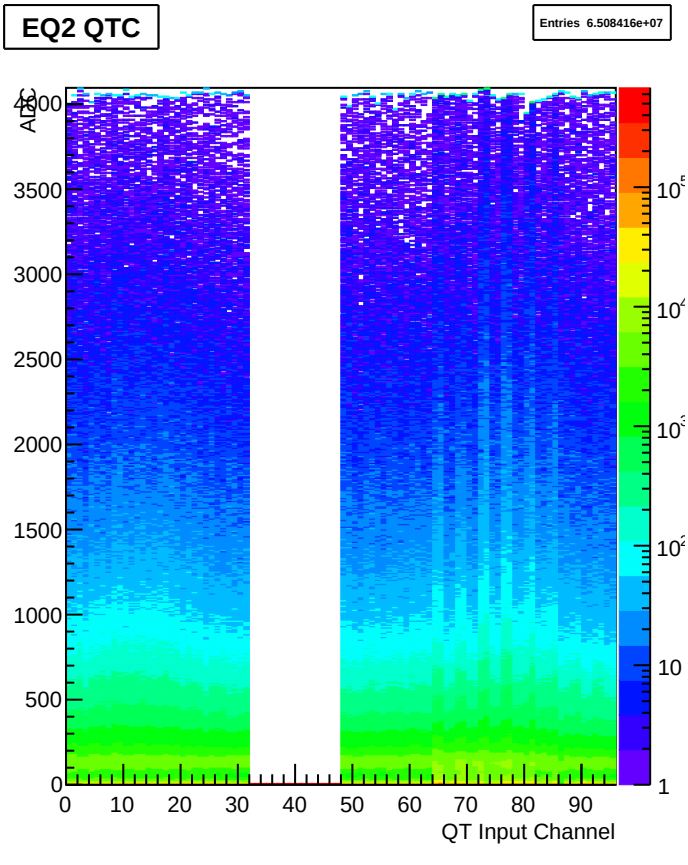

EQ1 QTB
Entries 6.857126e+07
TDC
QT Input Channel

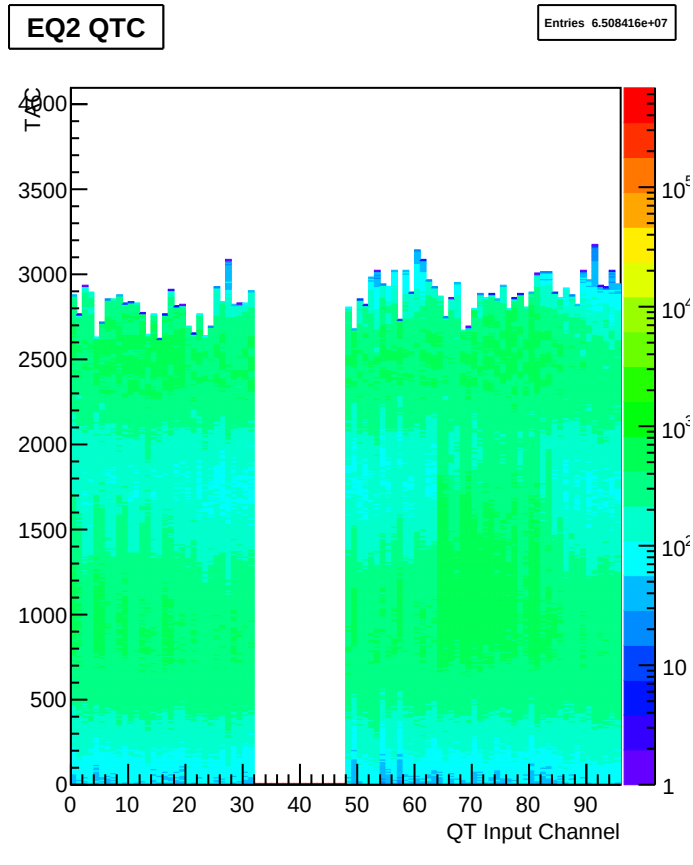

EQ1 QTC
Entries 6.508416e+07
ADC
QT Input Channel

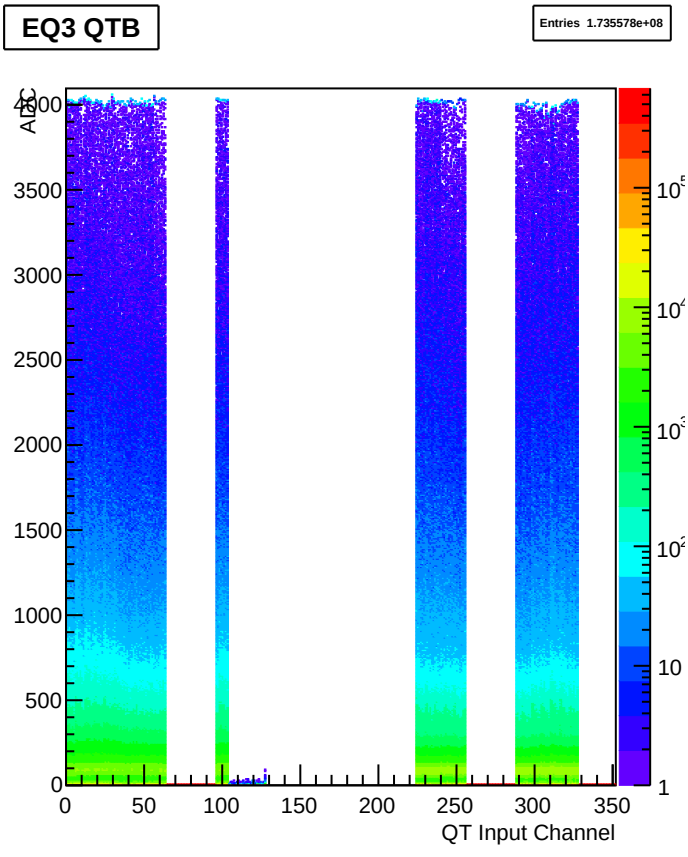

EQ1 QTC
Entries 6.508416e+07
TADC
QT Input Channel

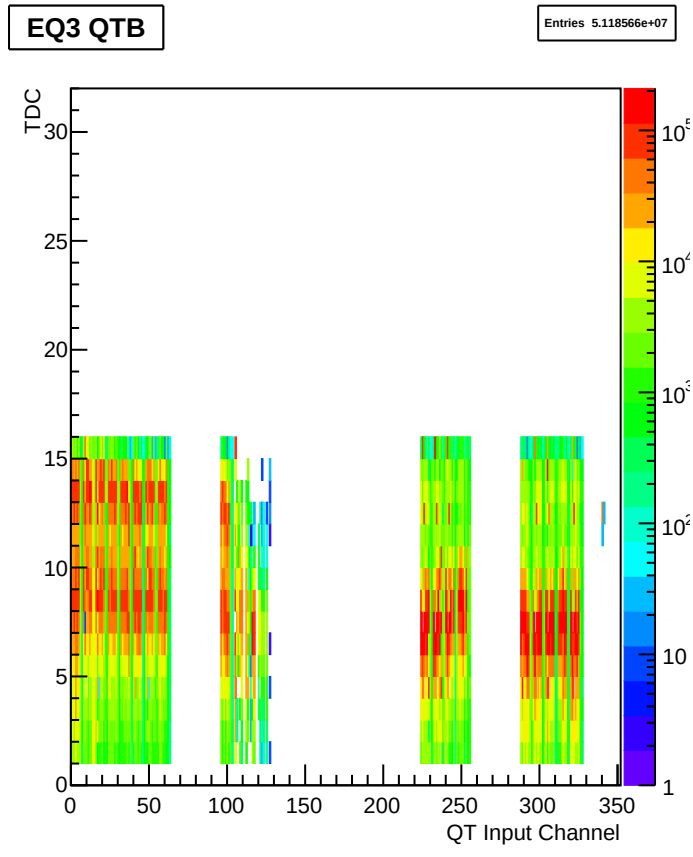

EQ2 QTB
Entries 1.952525e+08
ADC
QT Input Channel

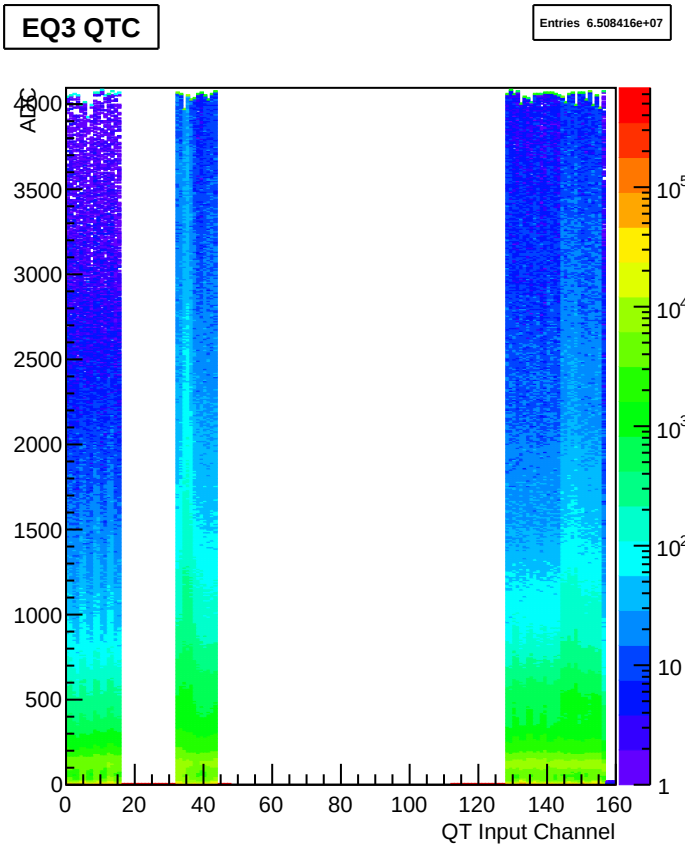

EQ2 QTB
Entries 5.699034e+07
TDC
QT Input Channel


EQ2 QTC
Entries 6.508416e+07
ADC
QT Input Channel


EQ2 QTC
Entries 6.508416e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.735578e+08
ADC
QT Input Channel


EQ3 QTB
Entries 5.118566e+07
TDC
QT Input Channel


EQ3 QTC
Entries 6.508416e+07
ADC
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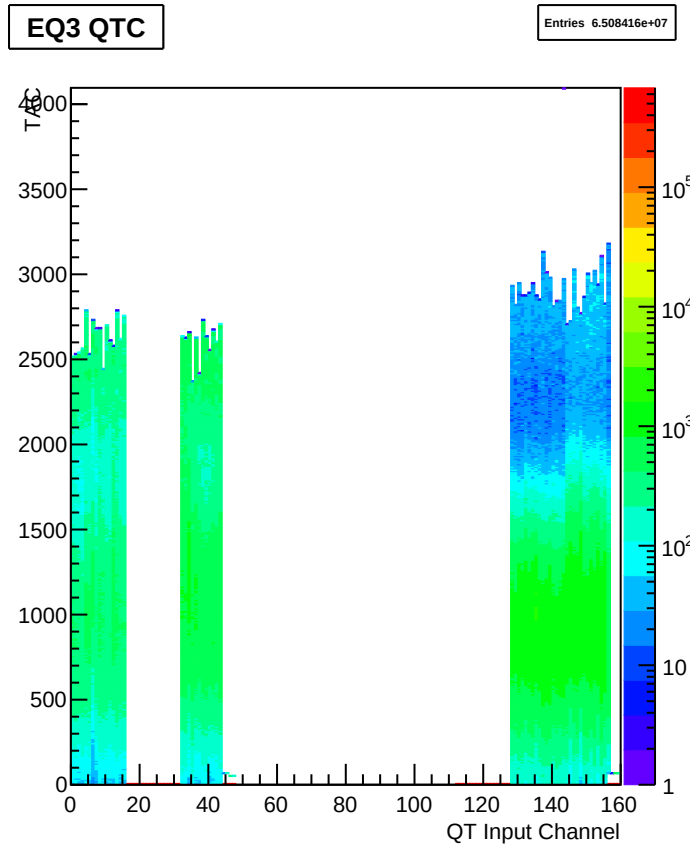
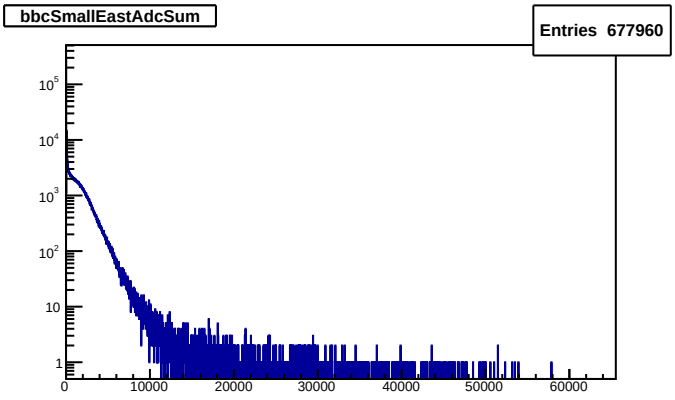
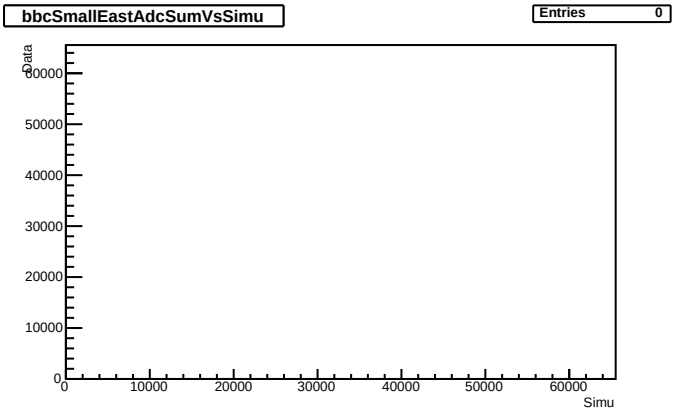
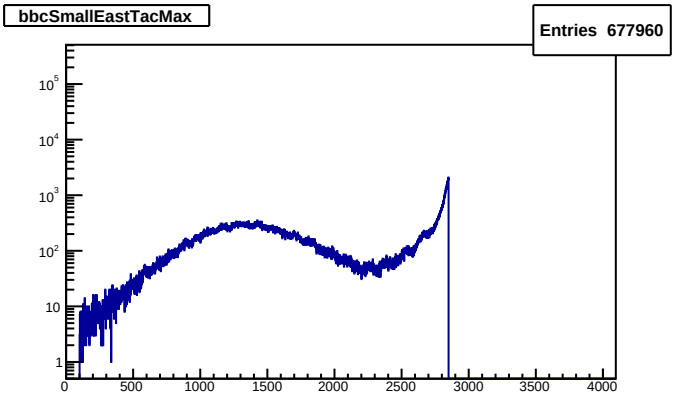

EQ3 QTC
Entries 6.508416e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 677960


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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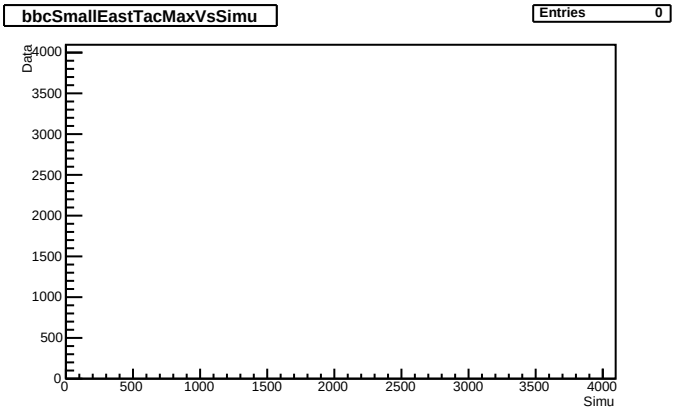
Entries 677960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Entries 0
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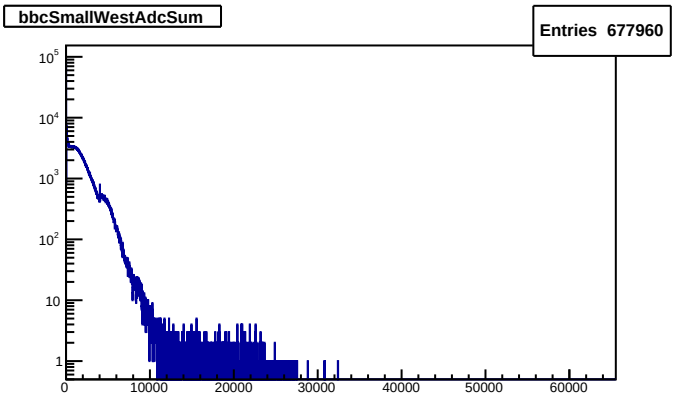
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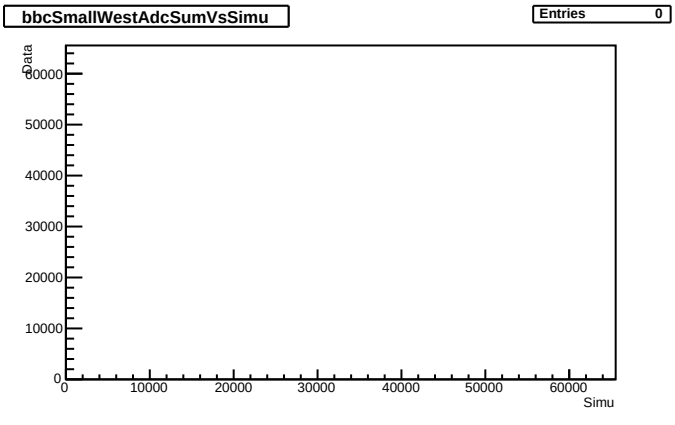
Entries 677960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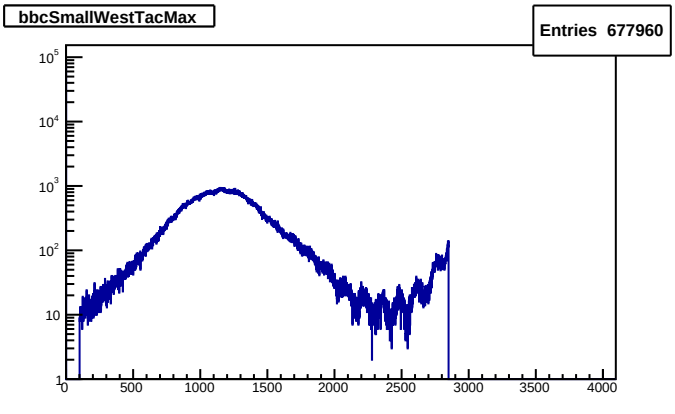
Simu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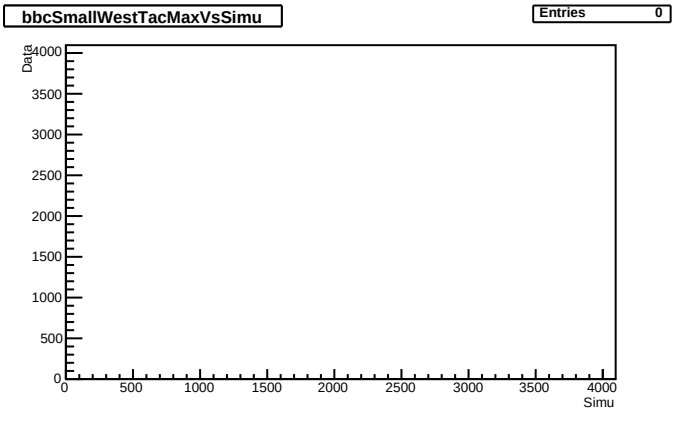
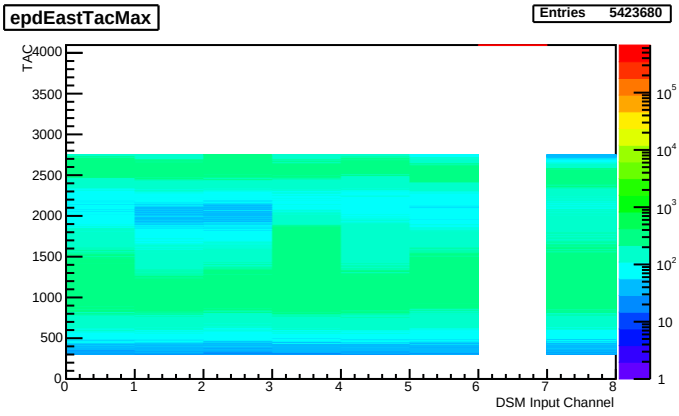
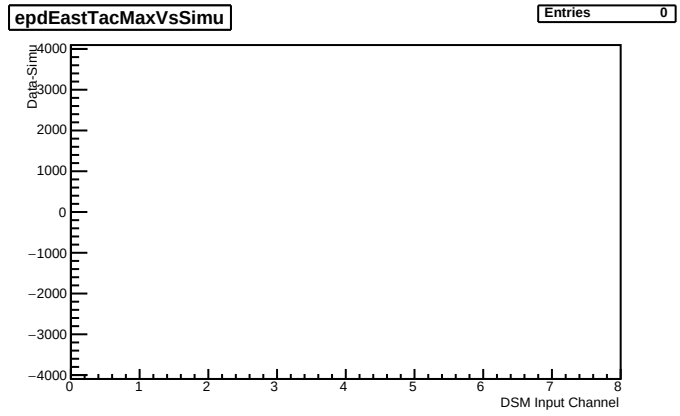
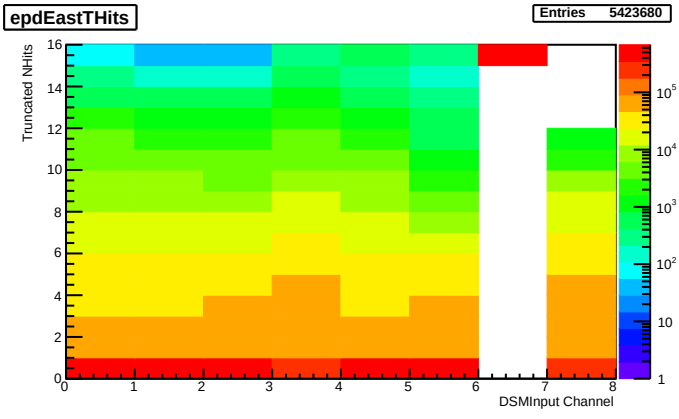
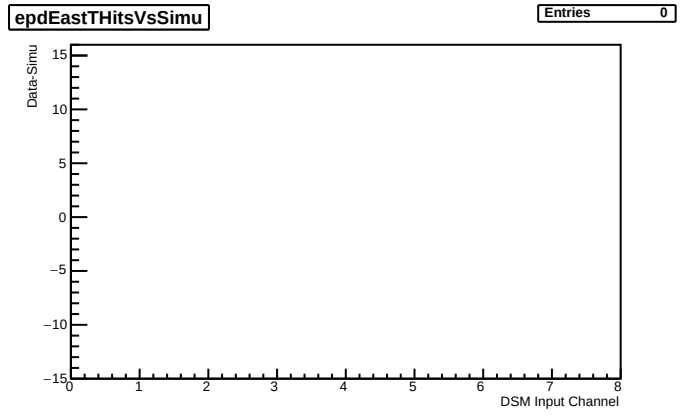

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5423680
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5423680
Truncated NHits
DSMInput Channel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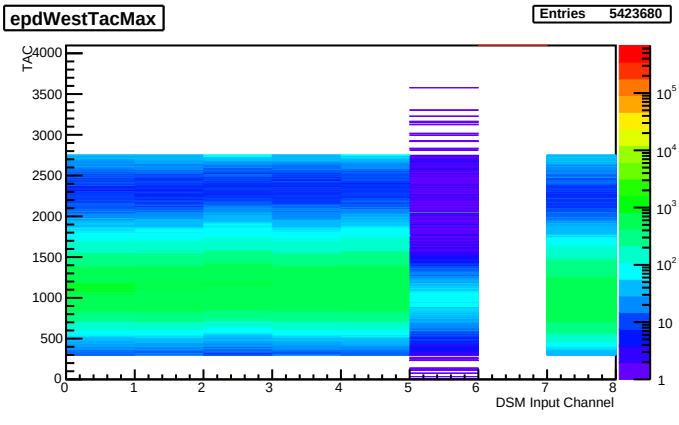
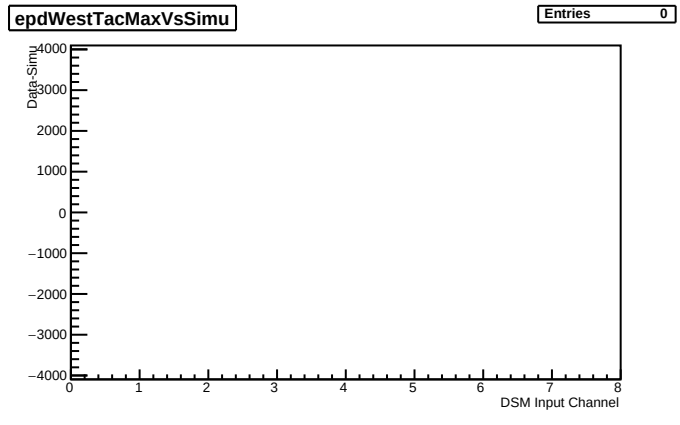
DSM Input Channel


epdWestTacMax
Entries 5423680
TAC
DSM Input Channel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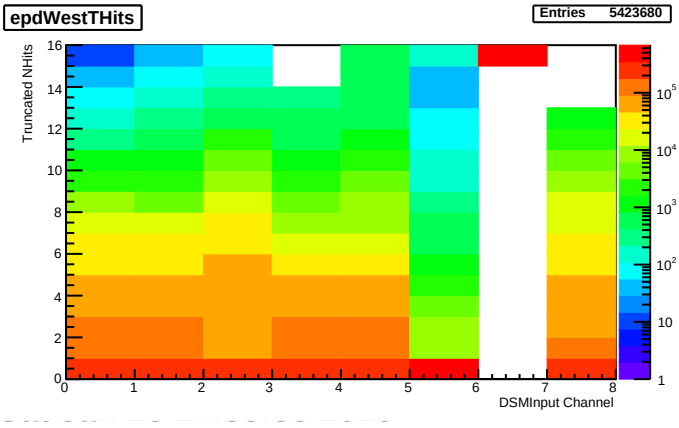
Data-Simu
DSM Input Channel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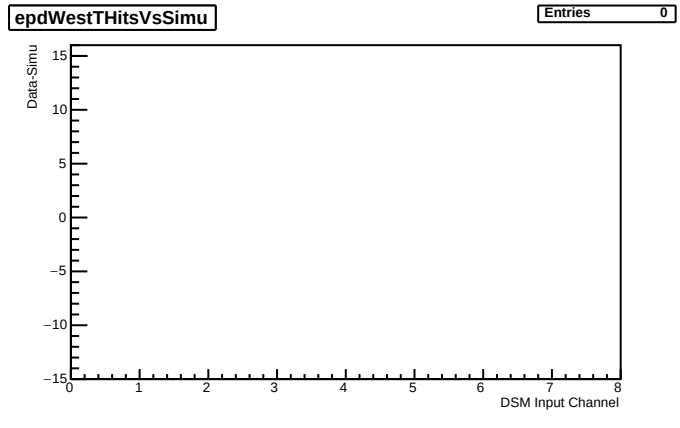
Truncated NHits
DSMInput Channel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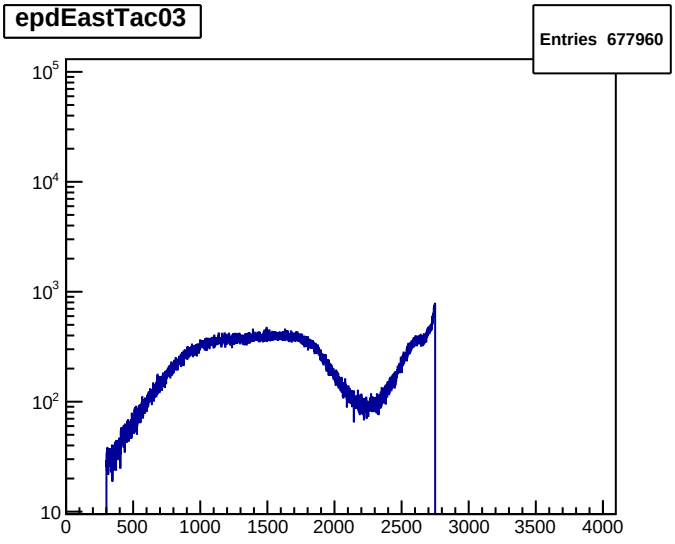
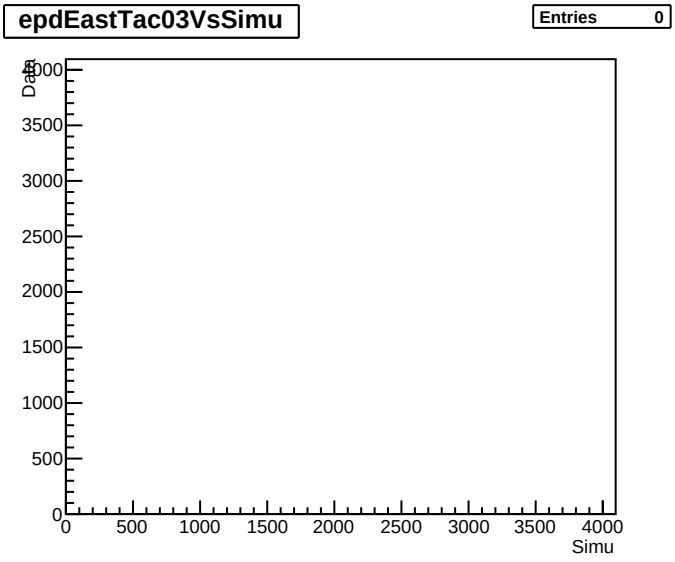
DSM Input Channel


epdEastTac03
Entries 677960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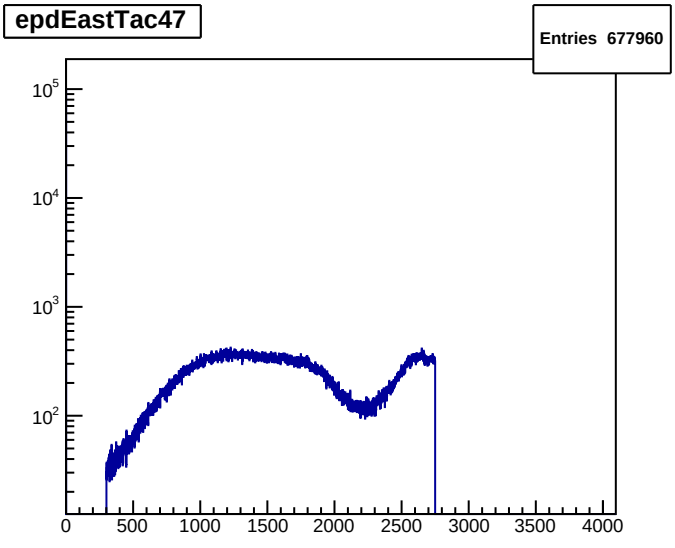
Entries 0
Data
Simu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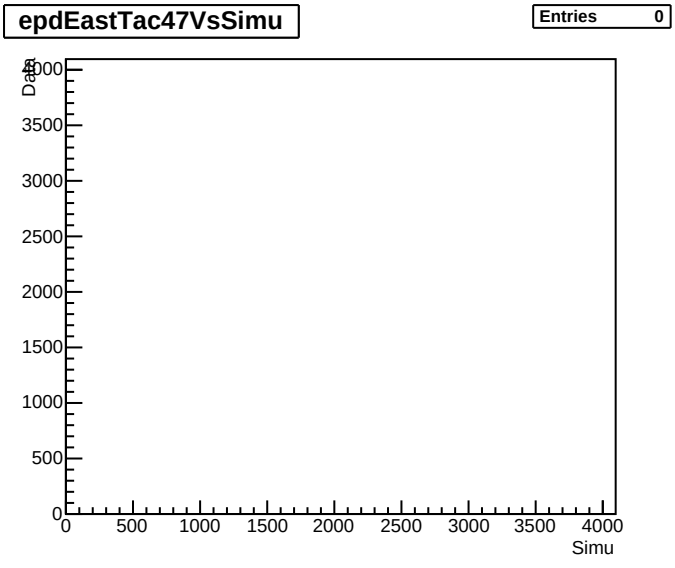
Entries 677960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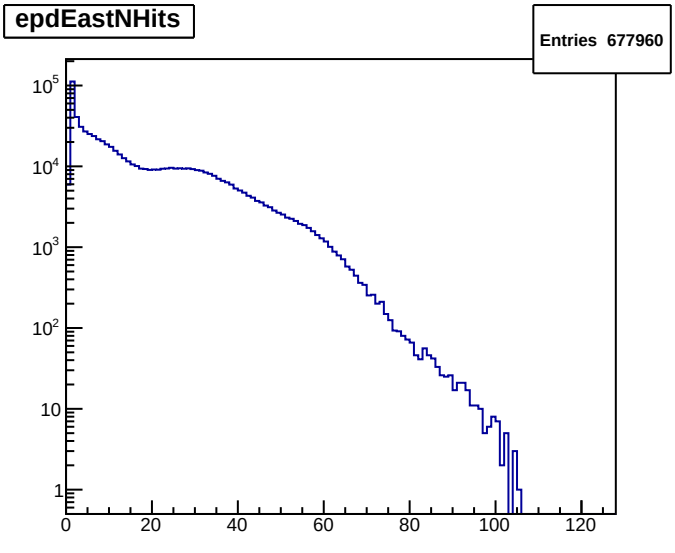
Entries 0
Data
Simu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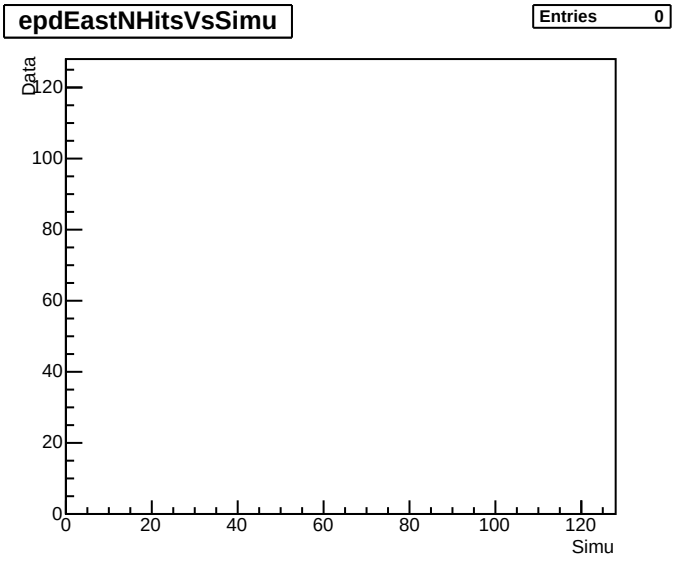
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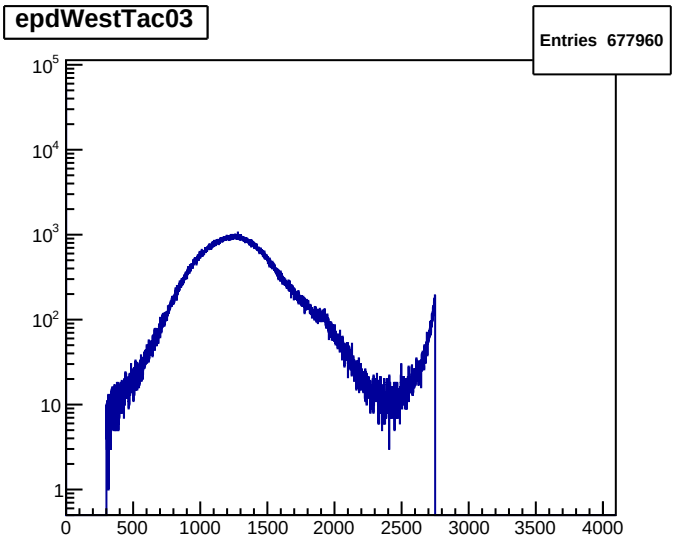
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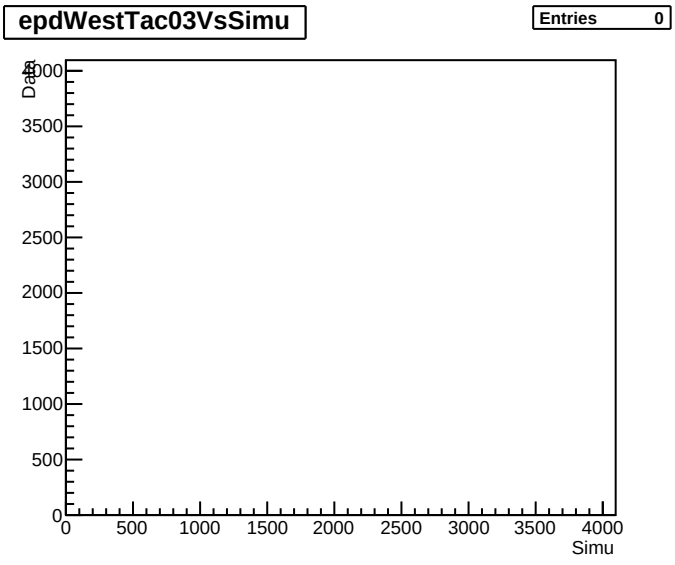
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Entries 0
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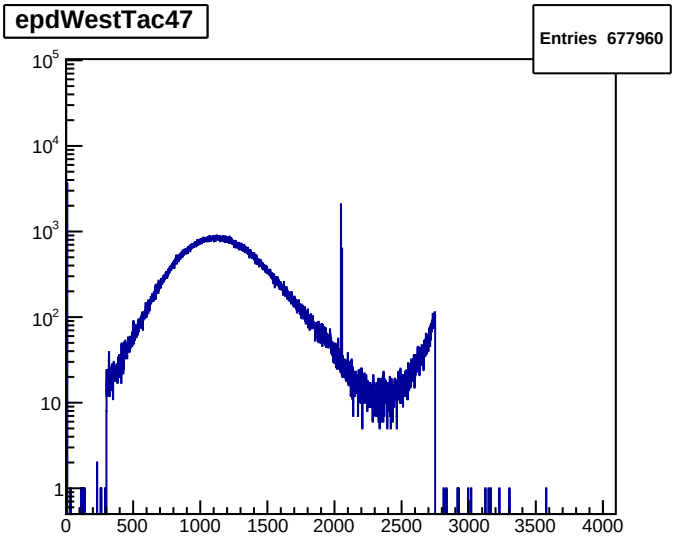
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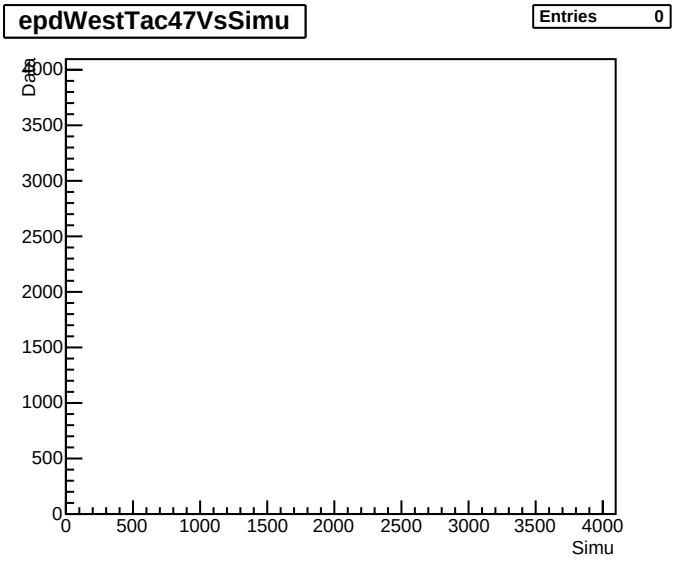
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Data
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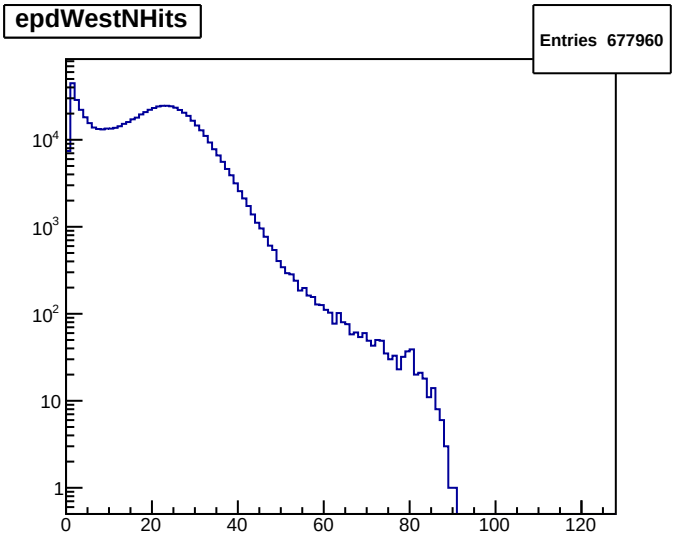
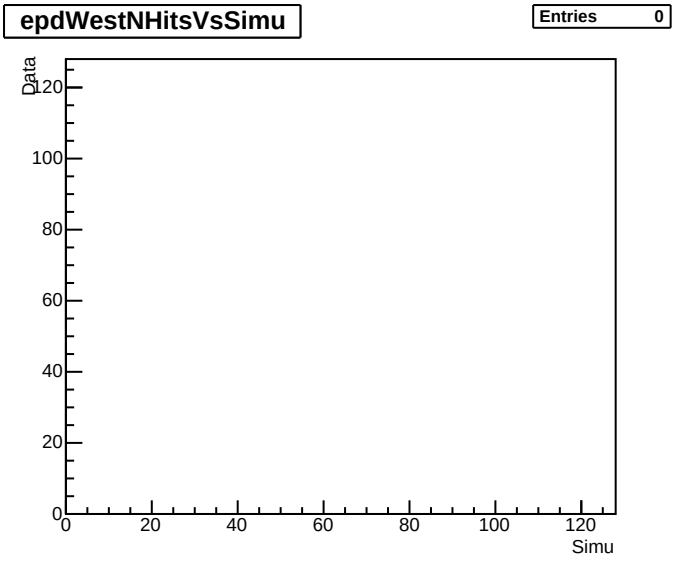
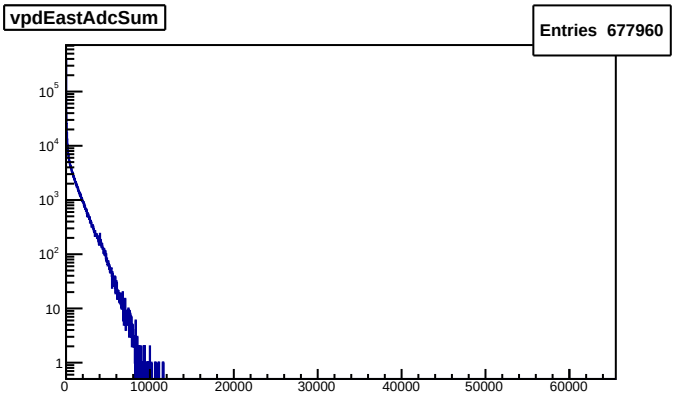
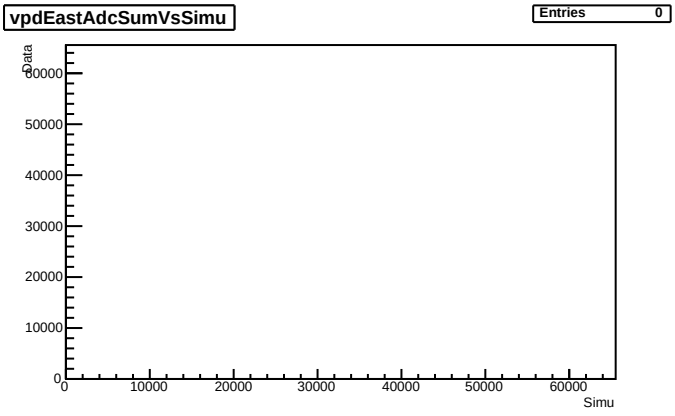

epdWestNHits
Entries 677960


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 677960


vpdEastAdcSumVsSimu
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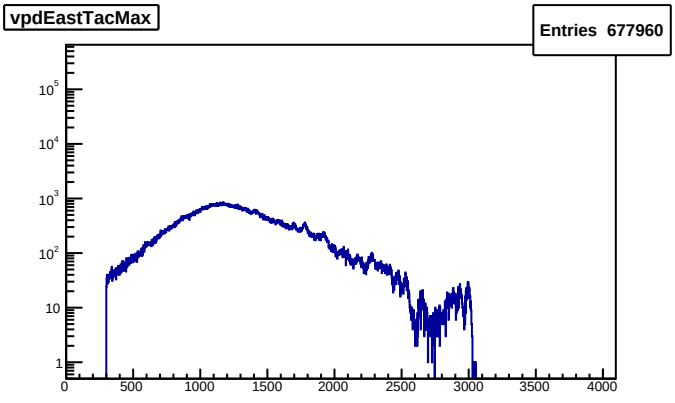
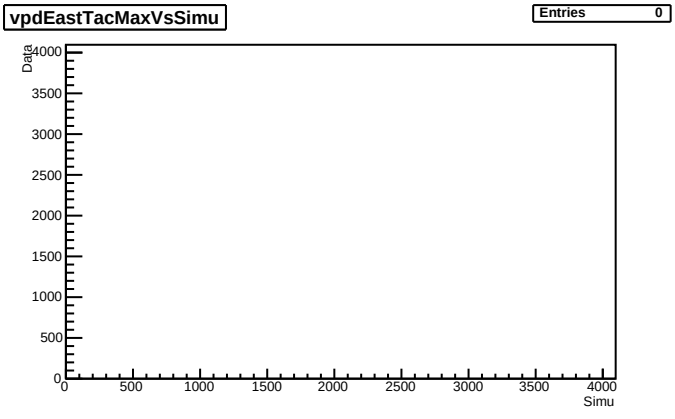
Data
Simu


vpdEastTacMax
Entries 677960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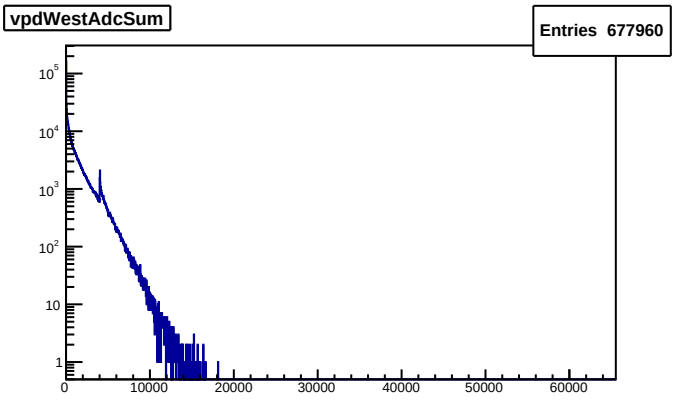
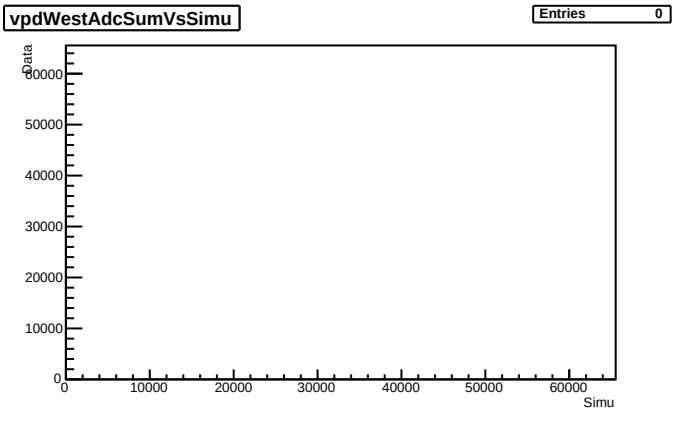
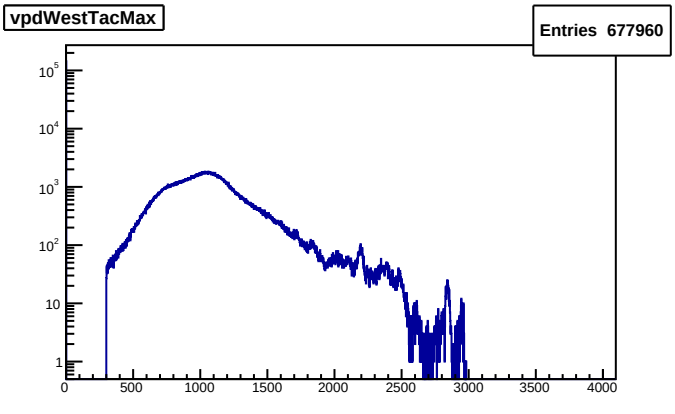
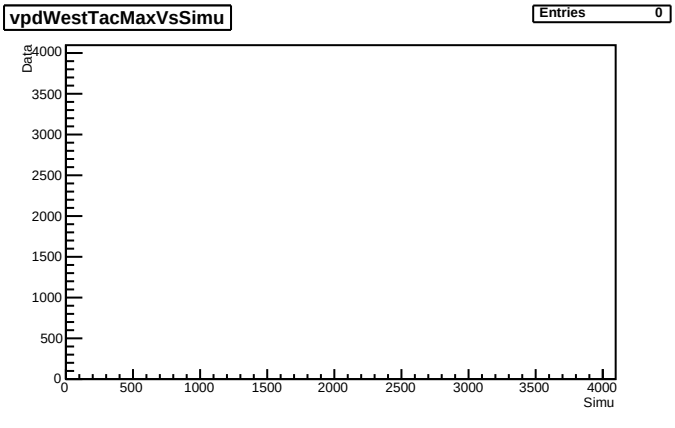
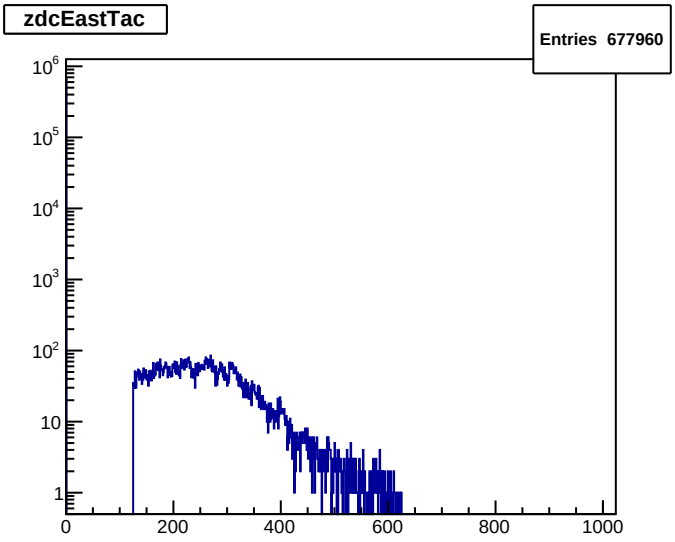
Entries 0
Data
Simu

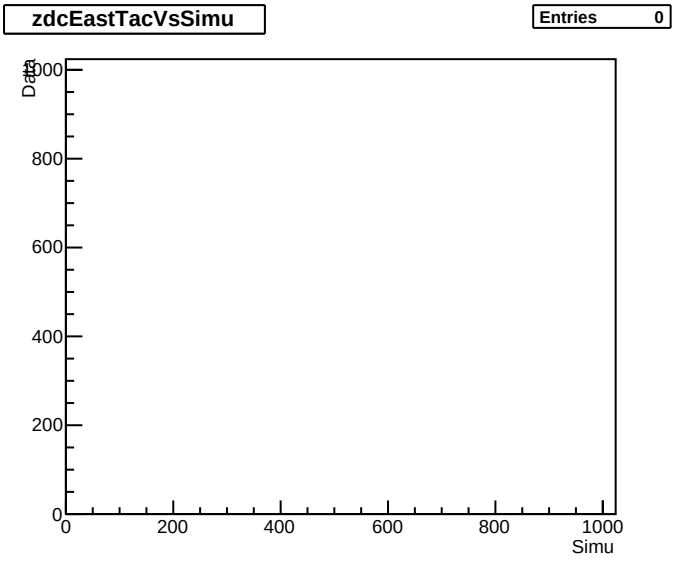

vpdWestAdcSum
Entries 677960

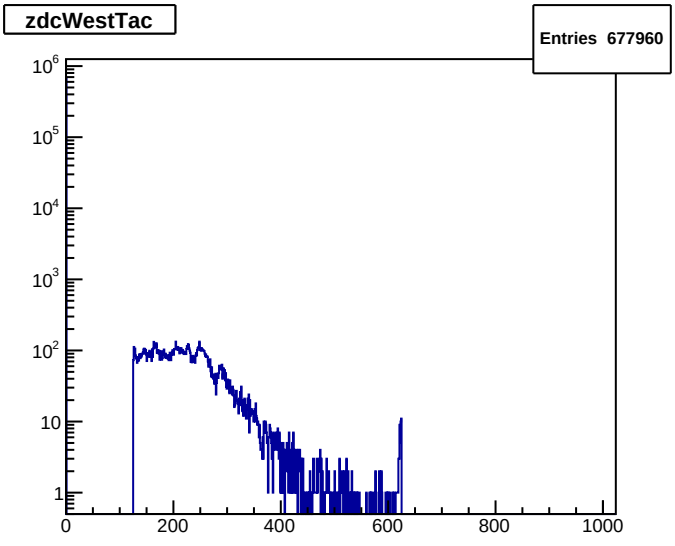

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

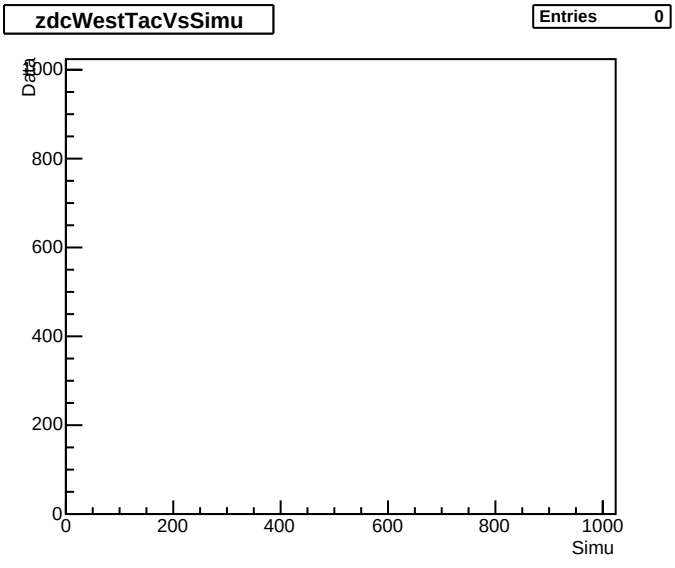

vpdWestTacMax
Entries 677960

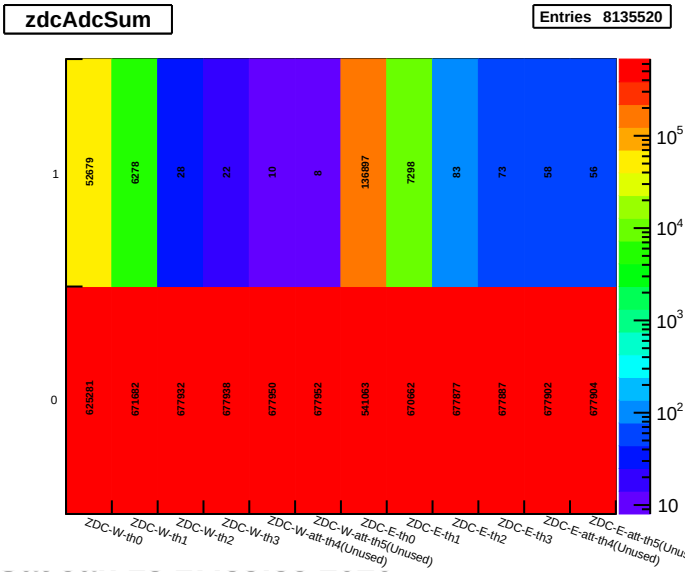

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

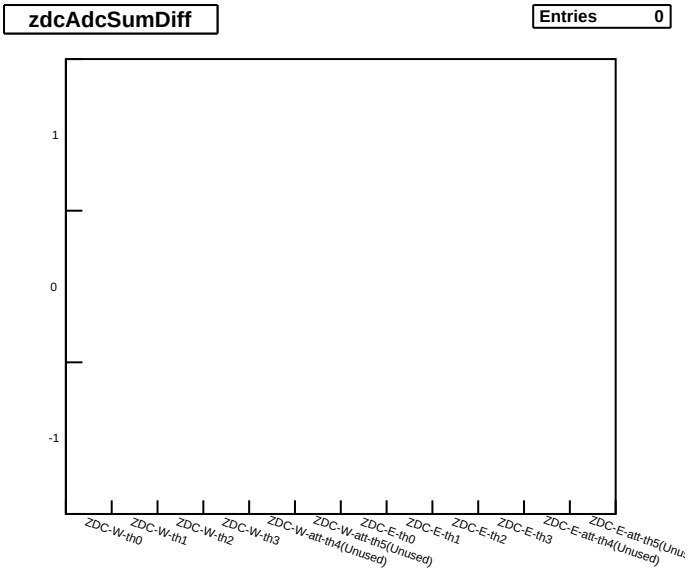

zdcEastTac
Entries 677960


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 677960


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 8135520
52679
6278
28
22
10
8
136897
7298
83
73
58
56
625281
671682
677892
677938
677950
677952
541063
670662
677877
677897
677902
677904
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)
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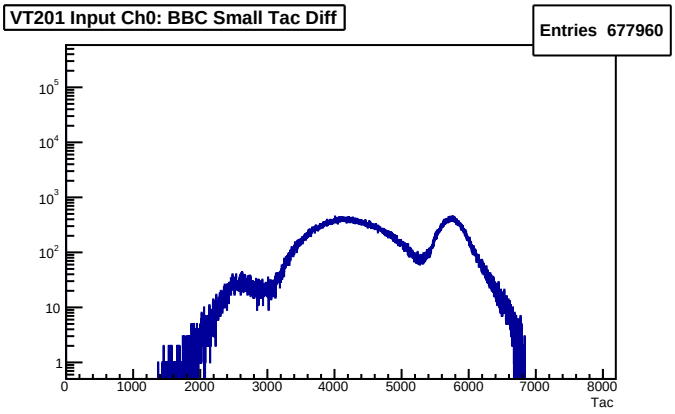
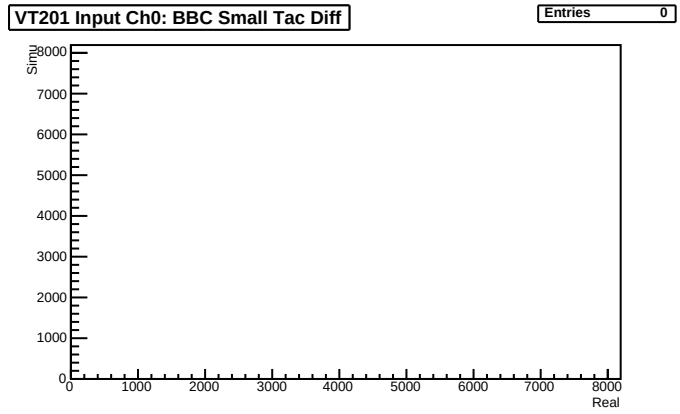
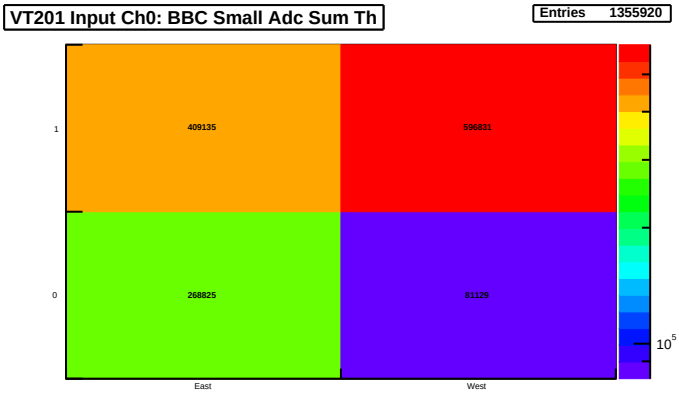
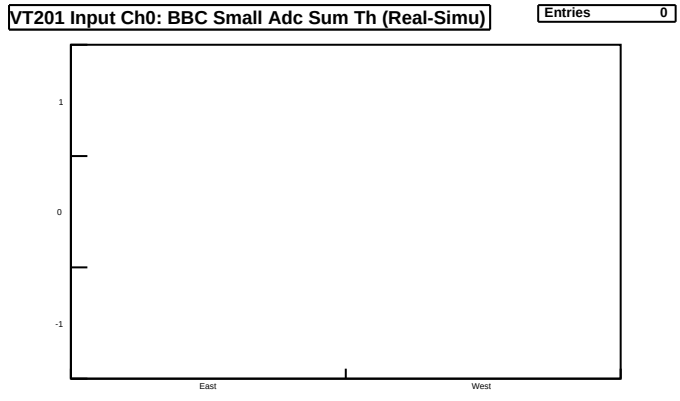
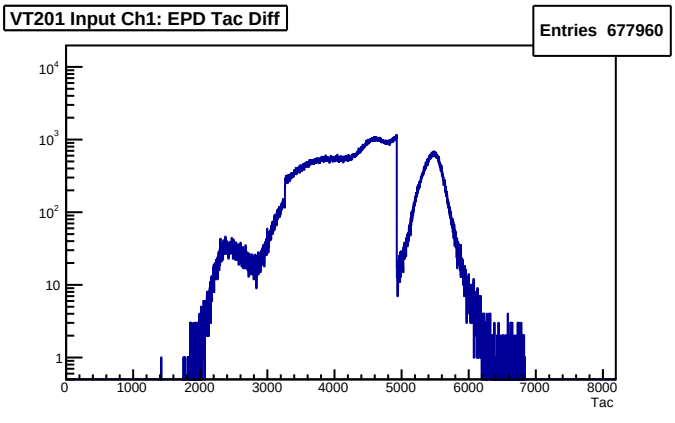
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

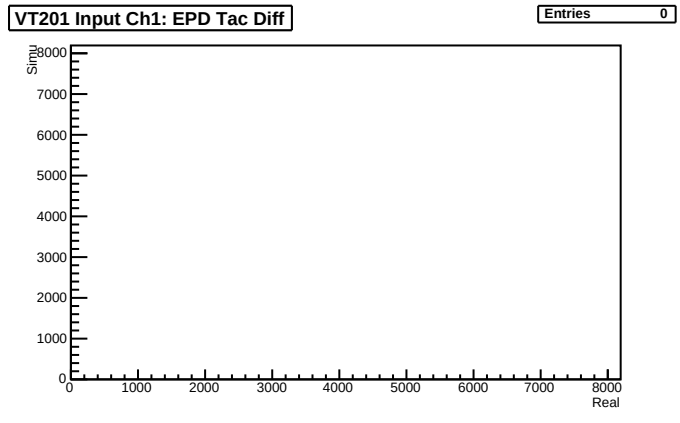

VT201 Input Ch0: BBC Small Tac Diff
Entries 677960
Tac

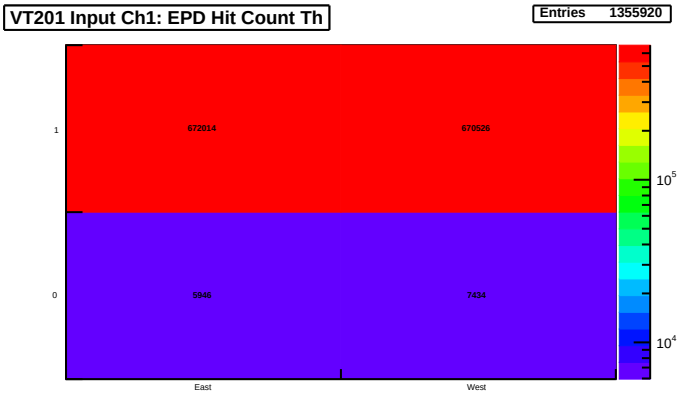

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

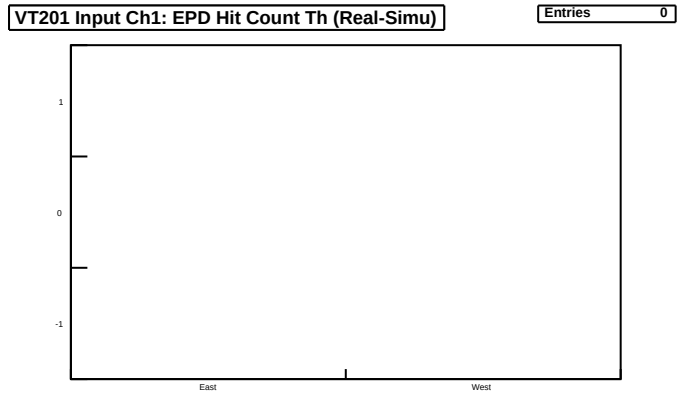

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1355920
409135
596831
268825
81129
East
West

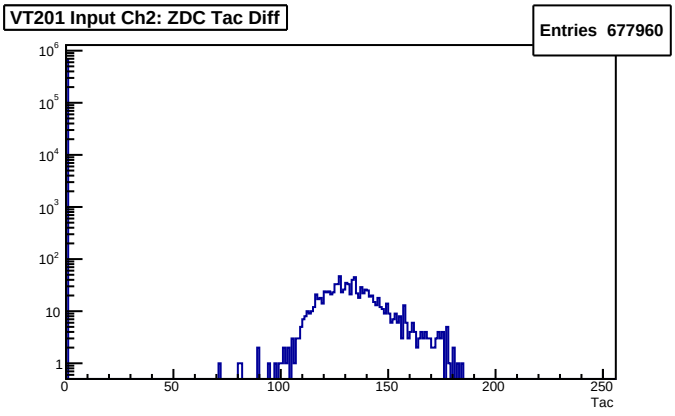

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

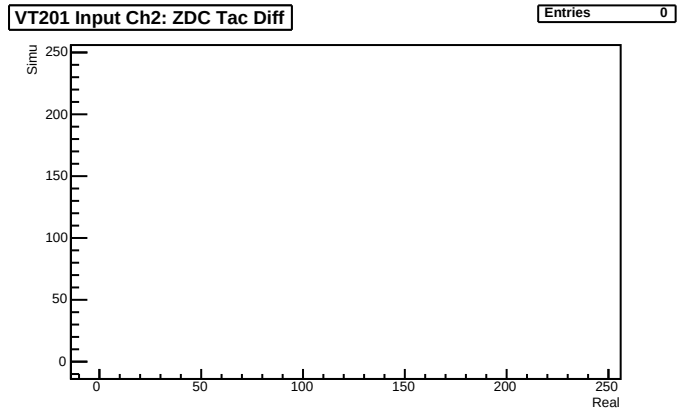

VT201 Input Ch1: EPD Tac Diff
Entries 677960
Tac

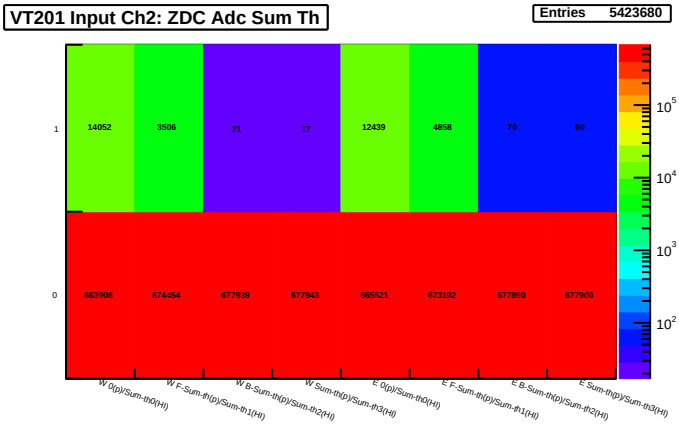

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

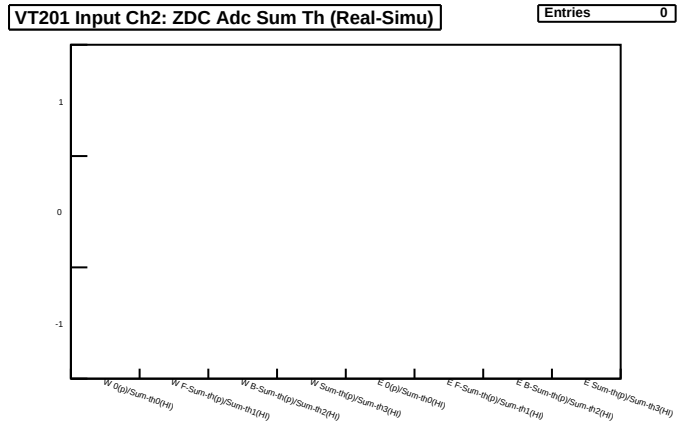

VT201 Input Ch1: EPD Hit Count Th
Entries 1355920
672014
670526
5946
7434
East
West

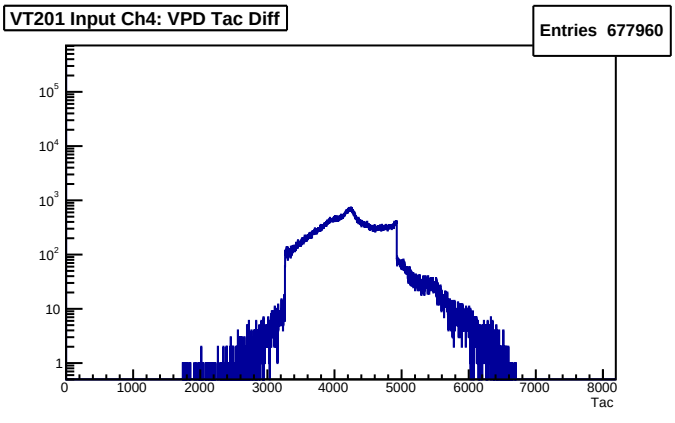

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

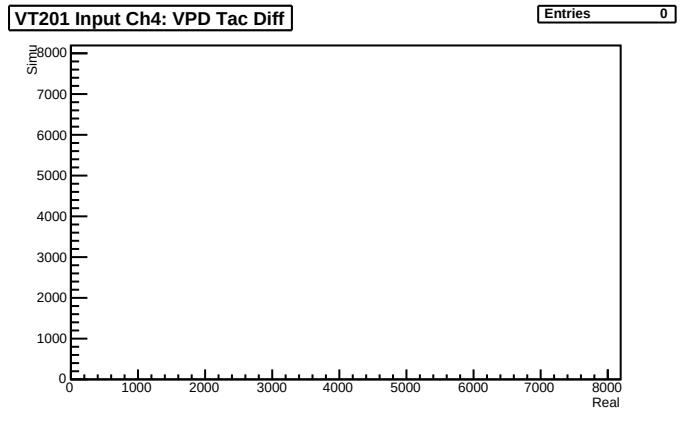

VT201 Input Ch2: ZDC Tac Diff
Entries 677960
Tac

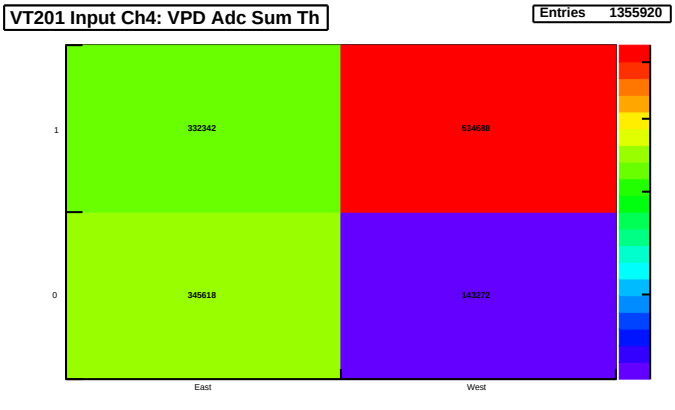

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

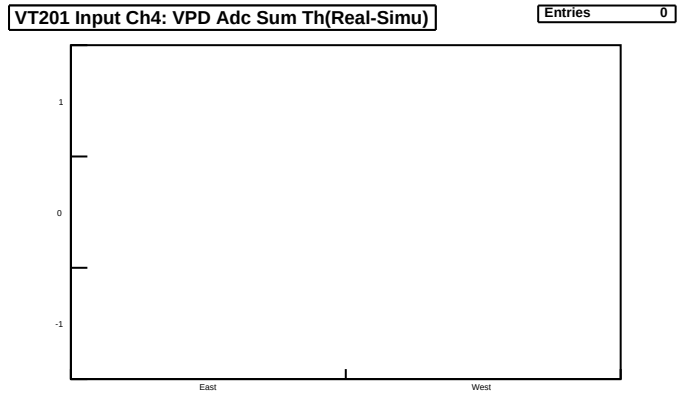

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5423680
14052
3506
21
17
12439
4858
70
60
663908
674454
677939
677943
665521
673102
677890
677900
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

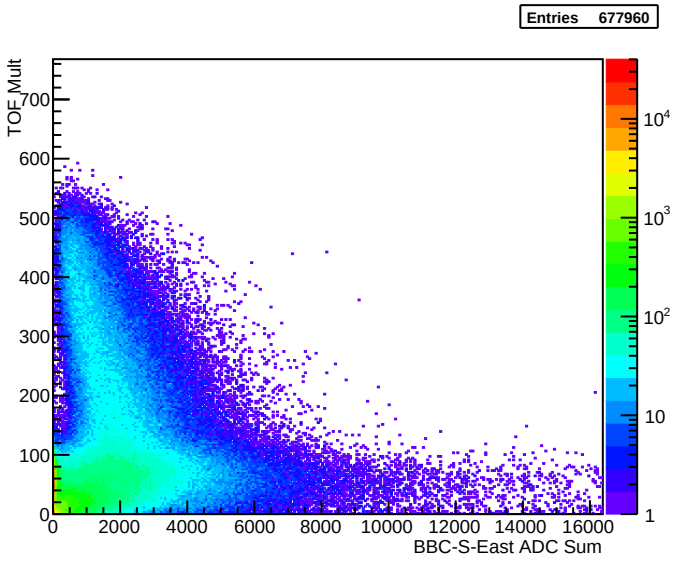

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

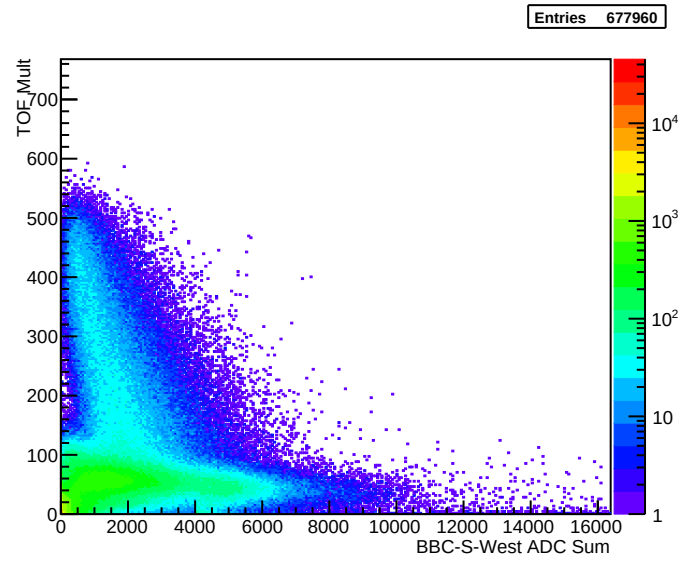

VT201 Input Ch4: VPD Tac Diff
Entries 677960
Tac

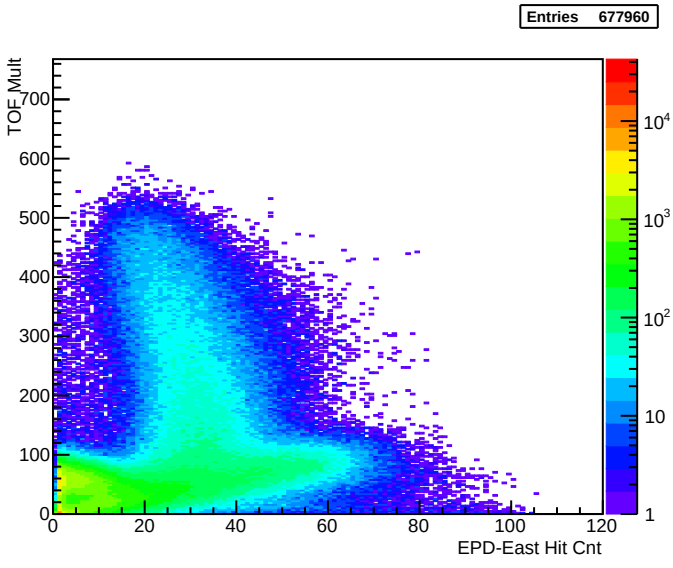

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

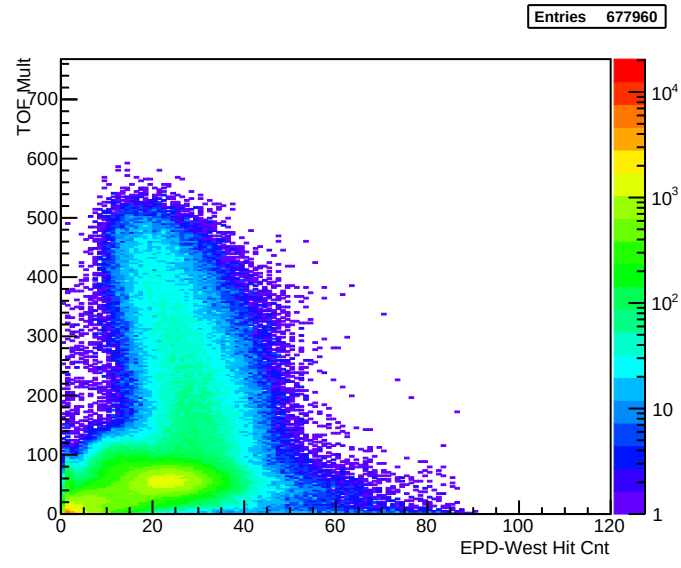

VT201 Input Ch4: VPD Adc Sum Th
Entries 1355920
332342
534688
345618
143272
East
West

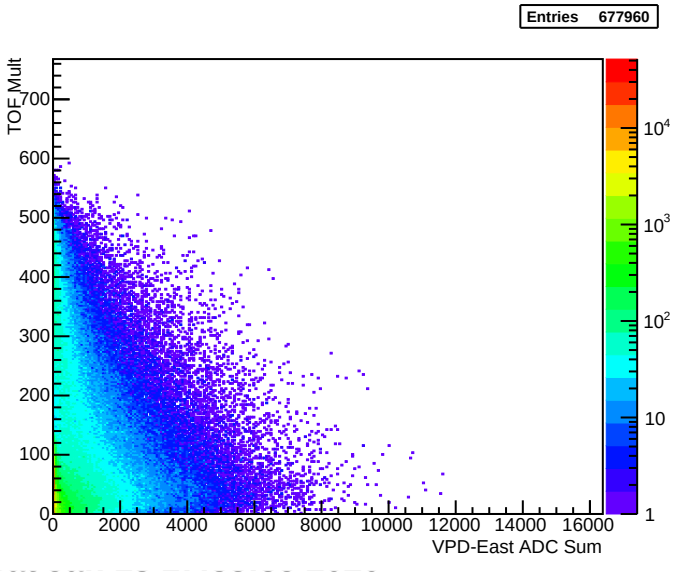

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

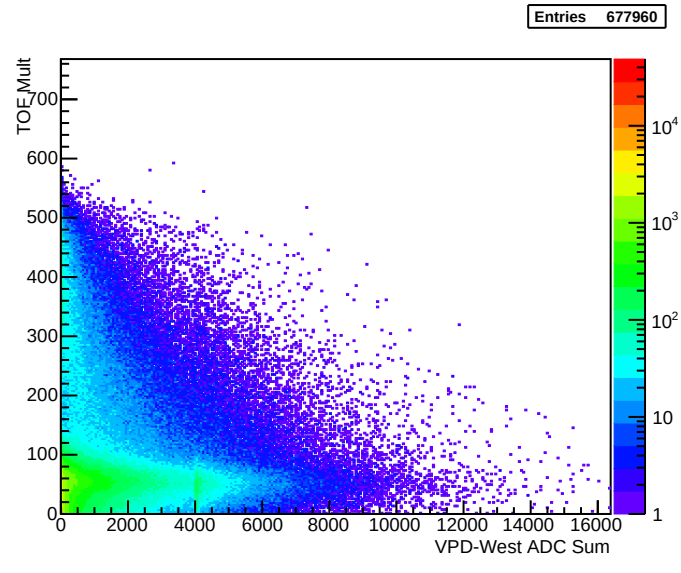

Entries 677960
TOF_Mult
BBC-S-East ADC Sum

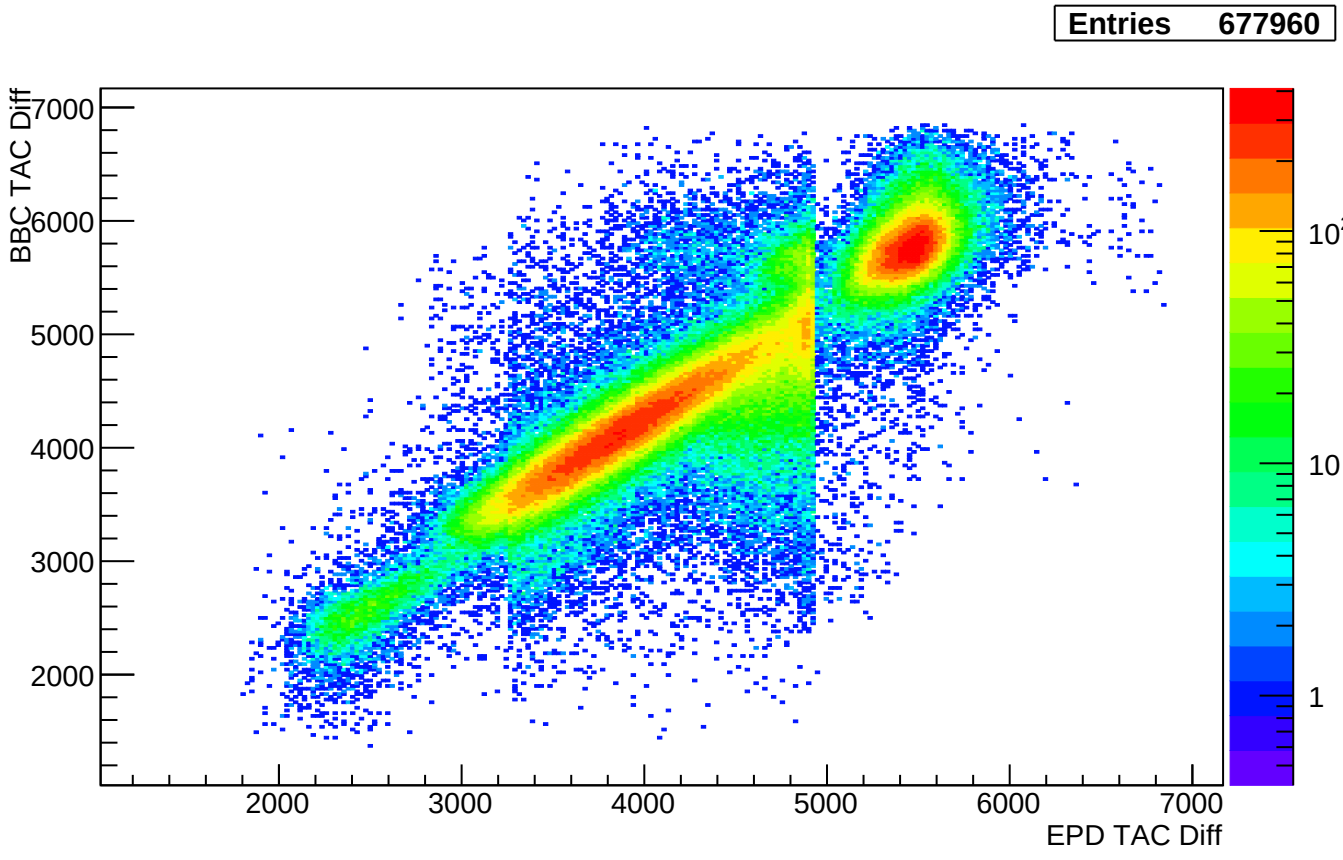

Entries 677960
TOF_Mult
BBC-S-West ADC Sum

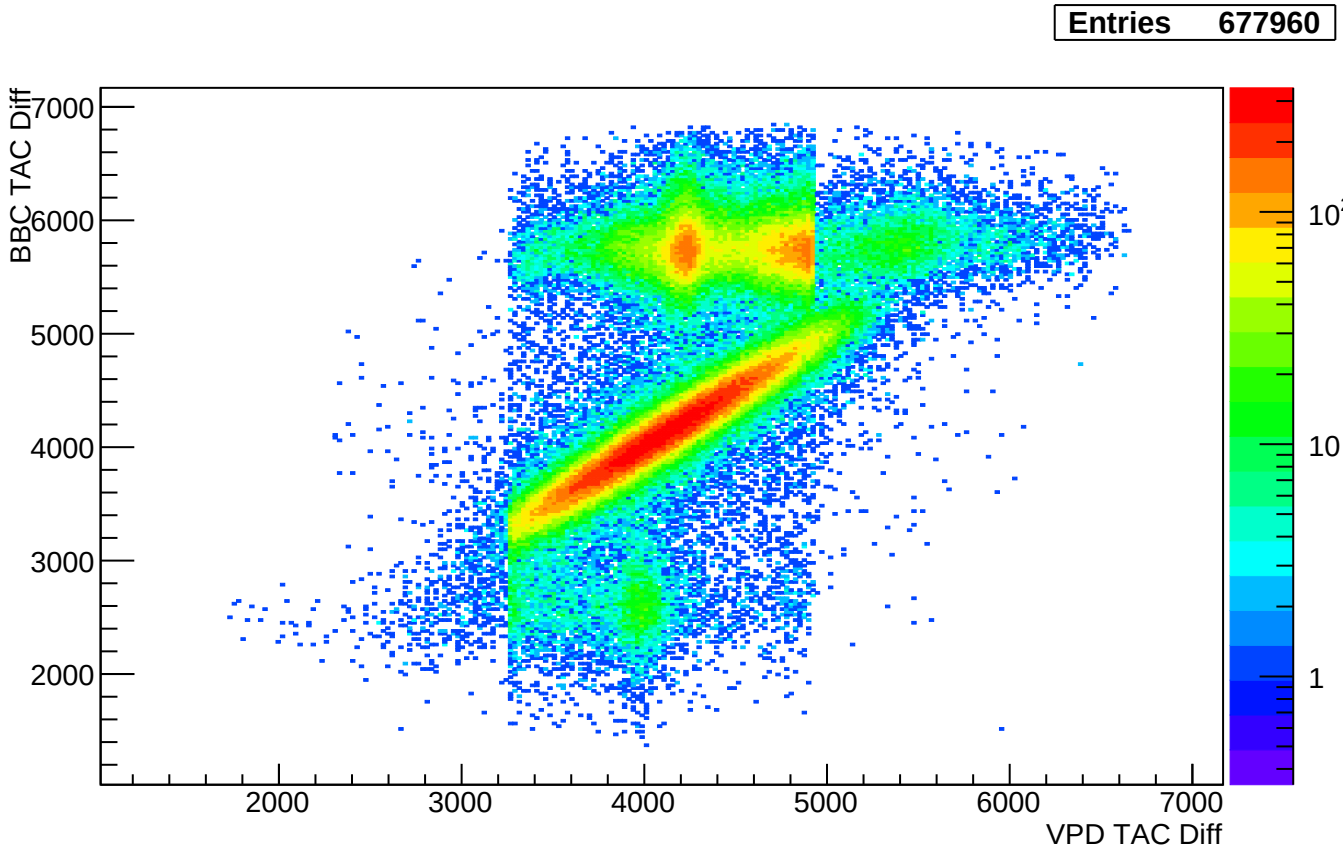

Entries 677960
TOF_Mult
EPD-East Hit Cnt

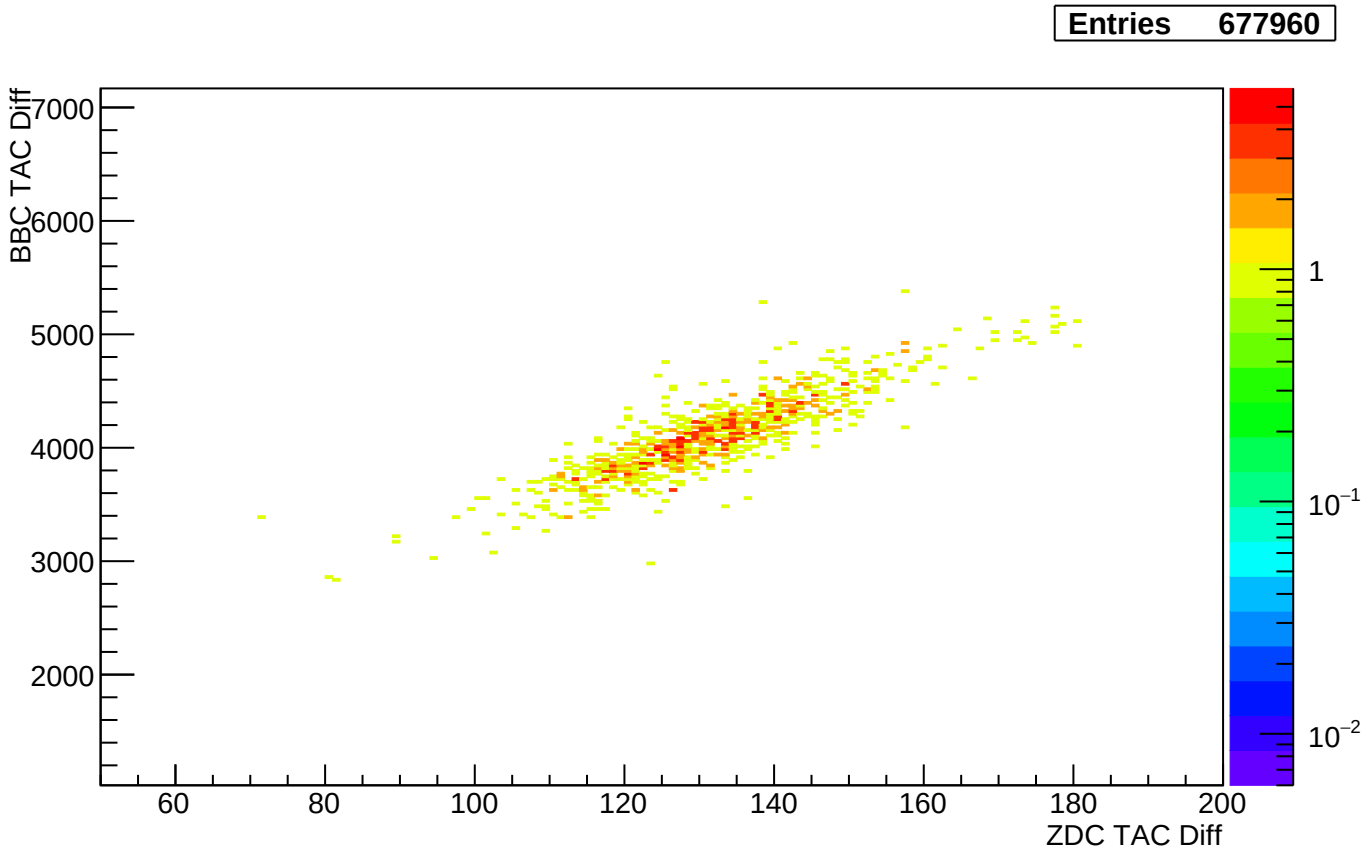

Entries 677960
TOF_Mult
EPD-West Hit Cnt

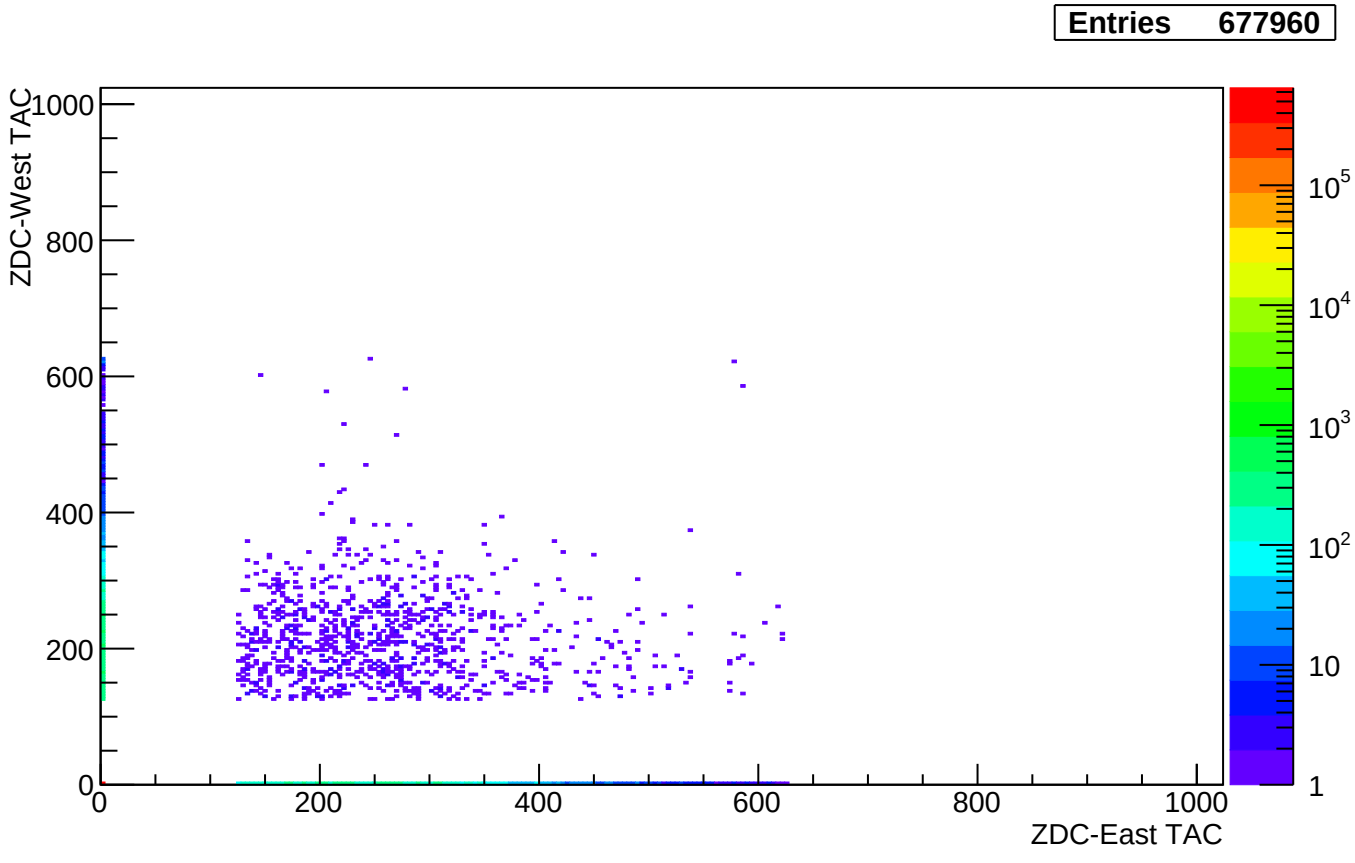

Entries 677960
TOF_Mult
VPD-East ADC Sum

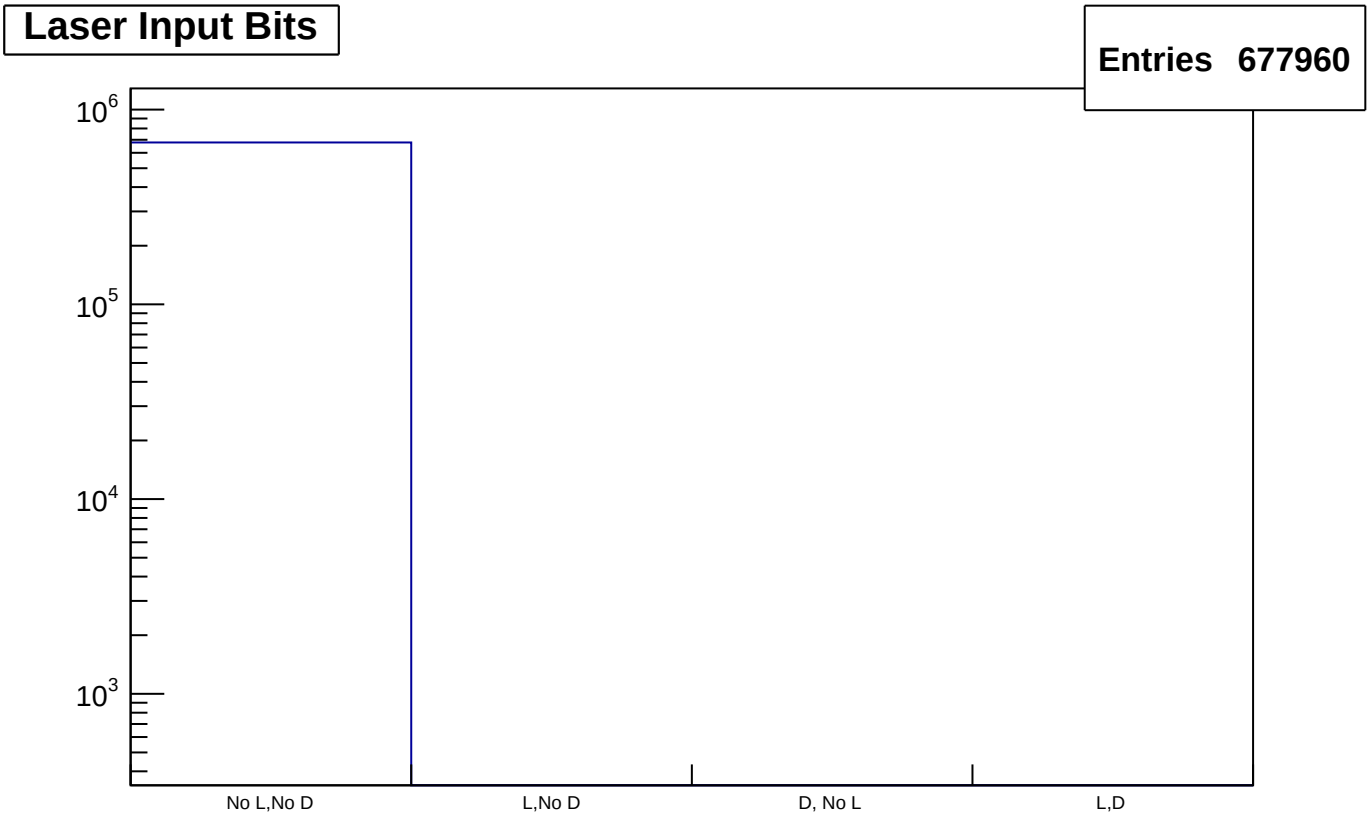

Entries 677960
TOF_Mult
VPD-West ADC Sum

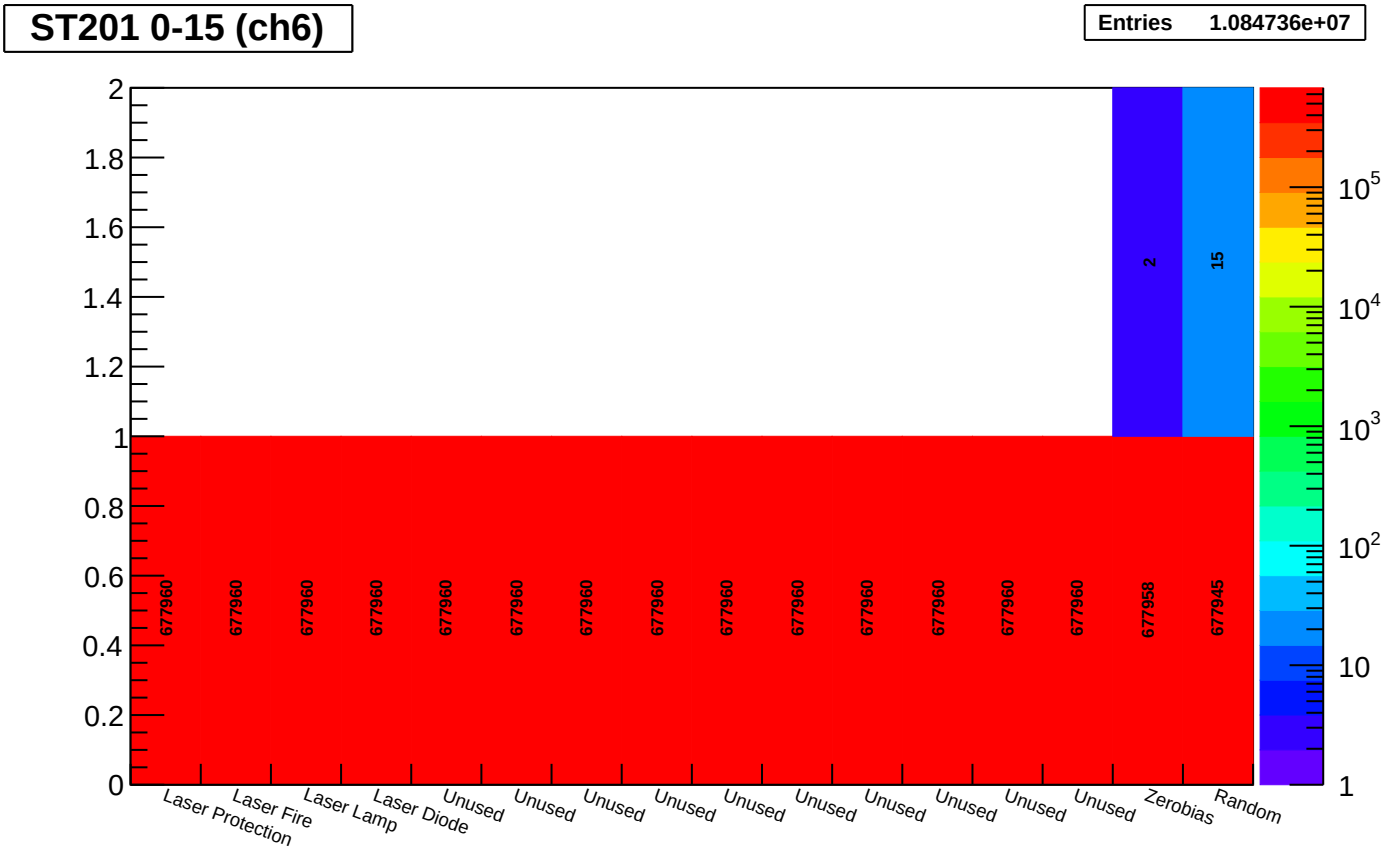

Entries 677960
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

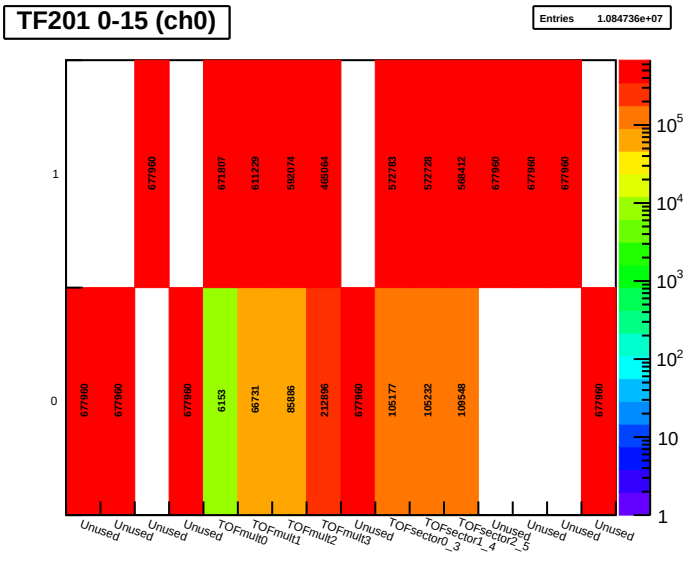

Entries 677960
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

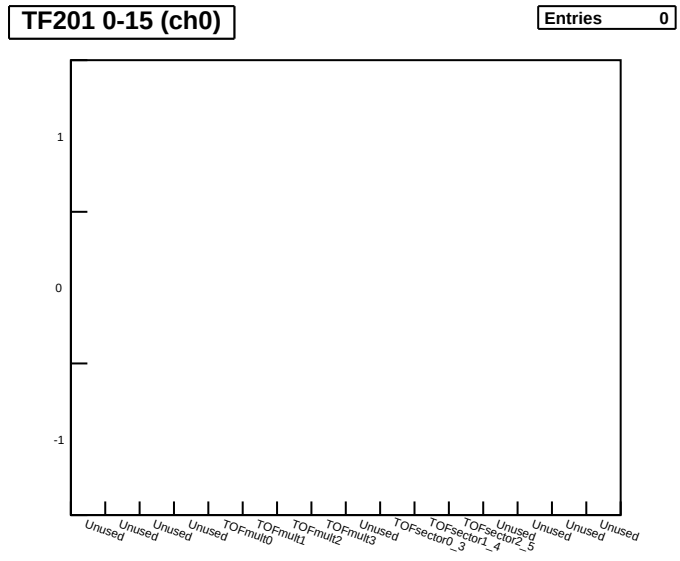

Entries 677960
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

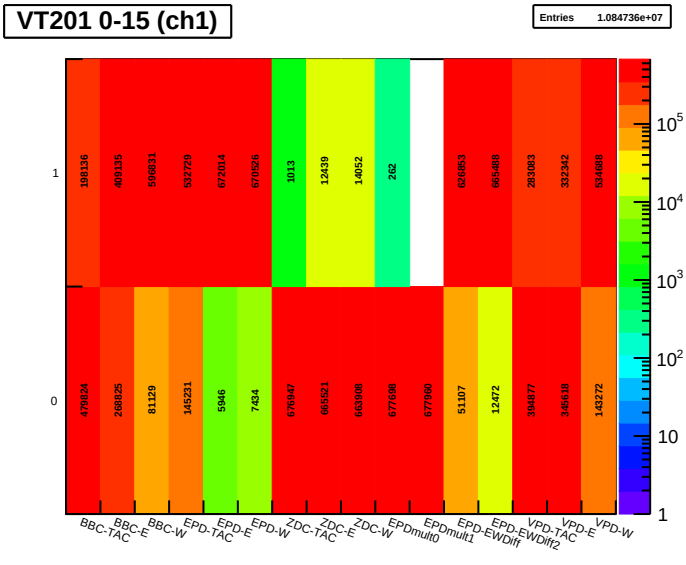

Entries 677960
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

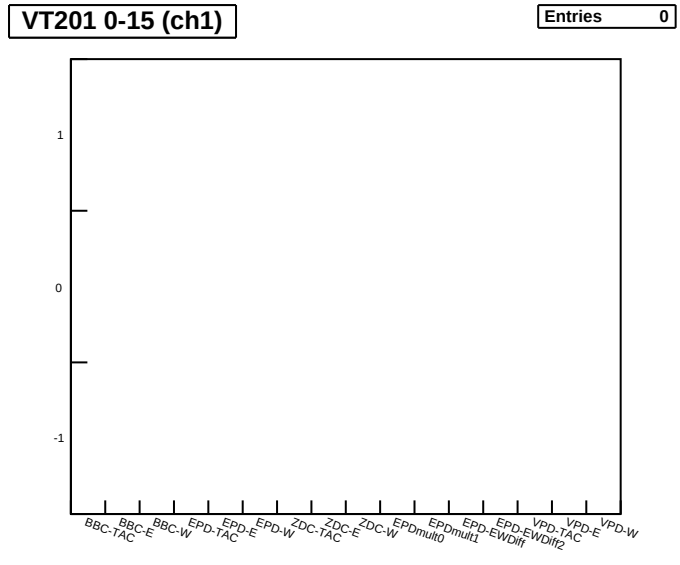

Laser Input Bits
Entries 677960
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

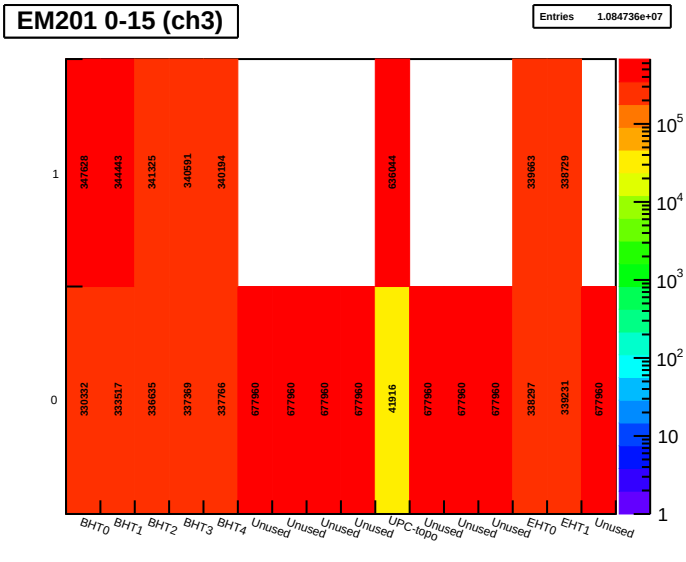

ST201 0-15 (ch6)
Entries 1.084736e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
677960
677960
677960
677960
677960
677960
677960
677960
677960
677960
677960
677960
677960
677960
677958
677945
2
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

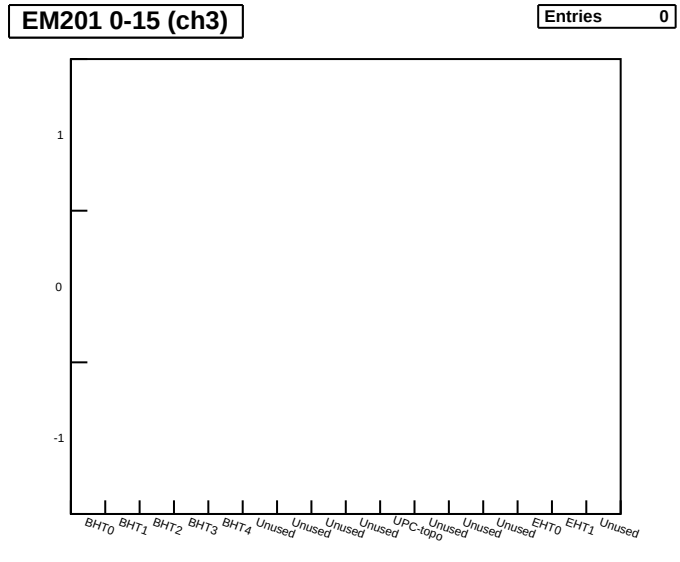

TF201 0-15 (ch0)
Entries 1.084736e+07
1
0
677960
671807
611229
582074
465064
572783
572728
568412
677960
677960
677960
677960
677960
677960
6153
66731
85886
212896
677960
105177
105232
109548
677960
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 1.084736e+07
1
0
198156
409135
596831
532729
672014
670526
1013
12439
14052
262
626853
665488
283083
332342
534688
479824
268825
81129
145231
5946
7434
676947
665521
663908
677698
677960
51107
12472
394877
345618
143272
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
1
10
10^2
10^3
10^4
10^5


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 1.084736e+07
1
0
347628
344443
341325
340591
340194
630044
339663
338729
330332
333517
336635
337389
337766
677960
677960
677960
677960
41916
677960
677960
677960
338297
339231
677960
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1