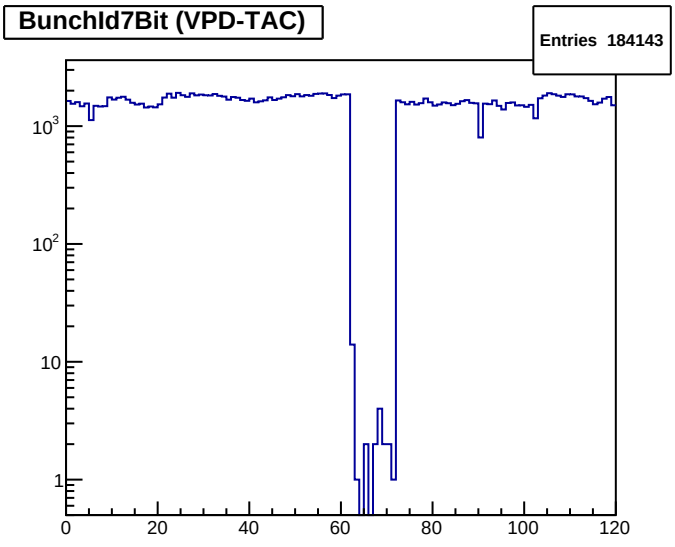
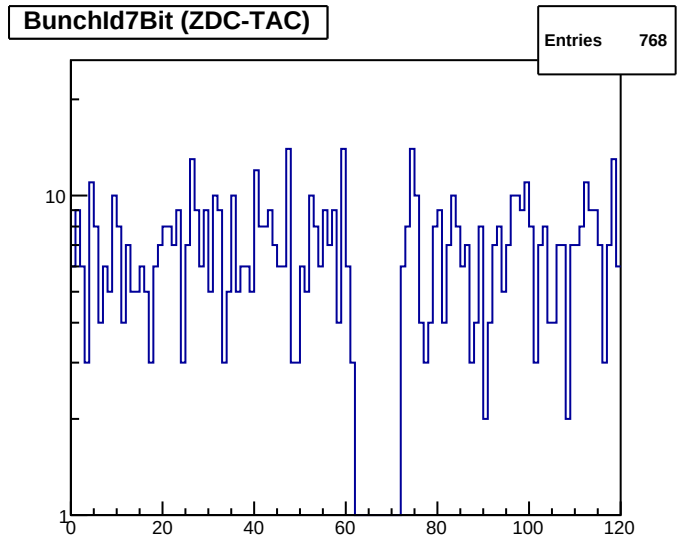
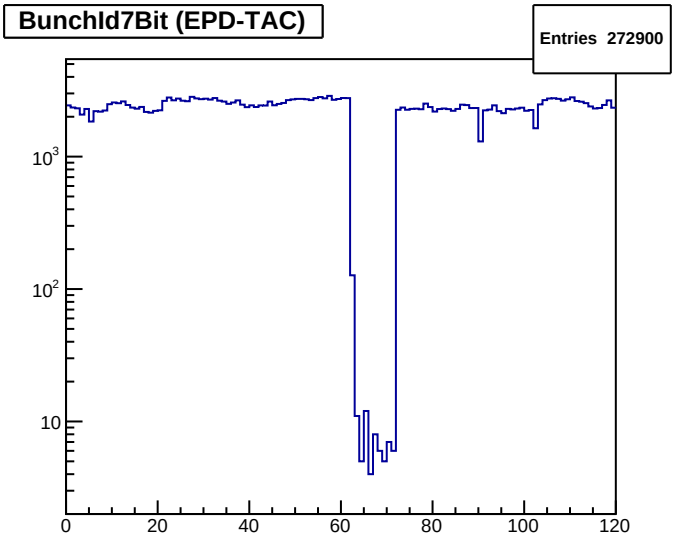
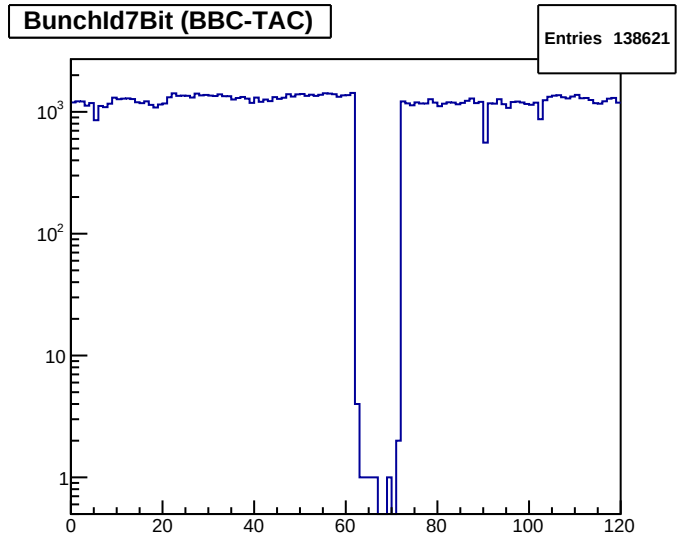
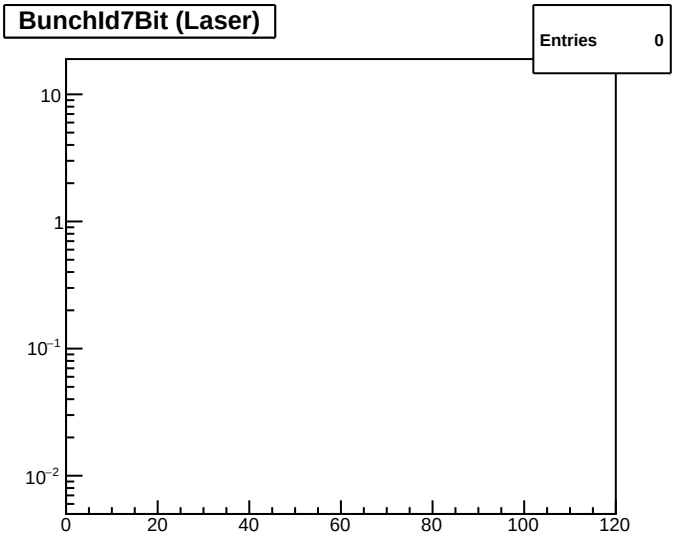
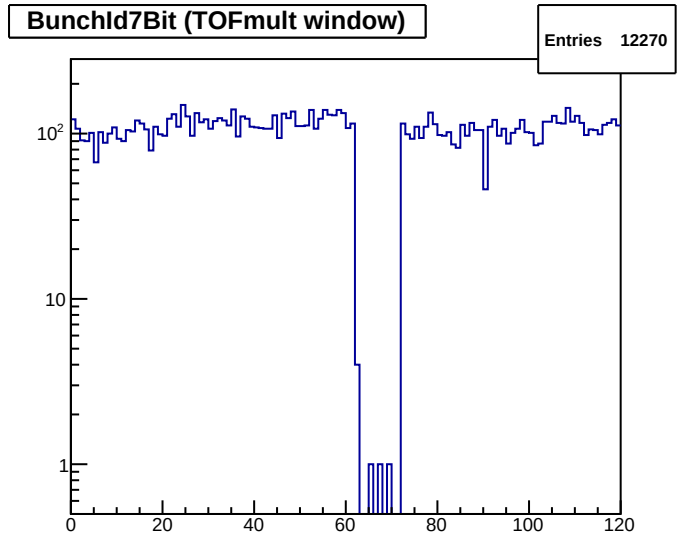

BunchId7Bit (VPD-TAC)
Entries 184143

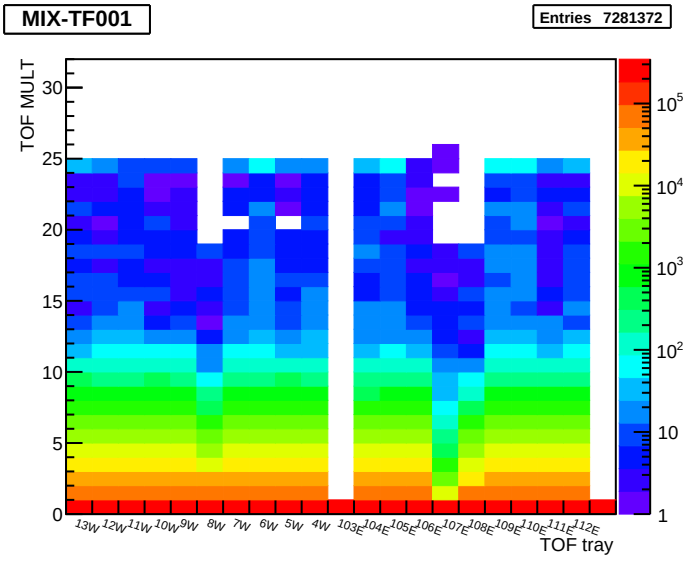

BunchId7Bit (ZDC-TAC)
Entries 768

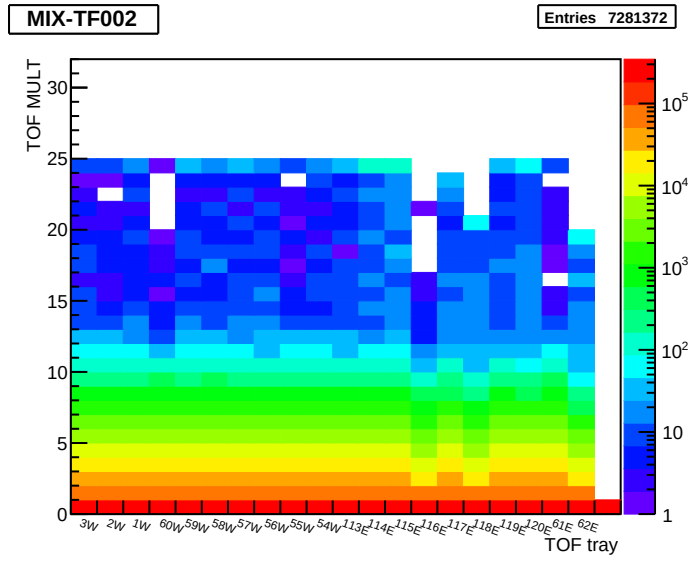

BunchId7Bit (EPD-TAC)
Entries 272900

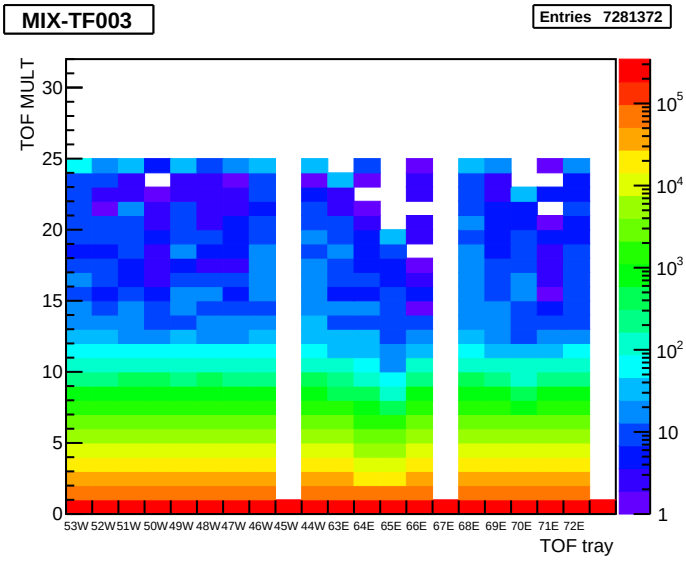

BunchId7Bit (BBC-TAC)
Entries 138621

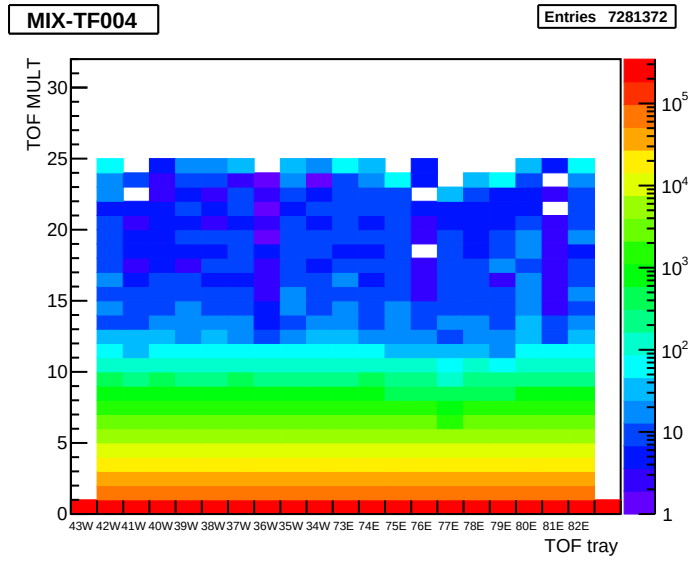

BunchId7Bit (Laser)
Entries 0

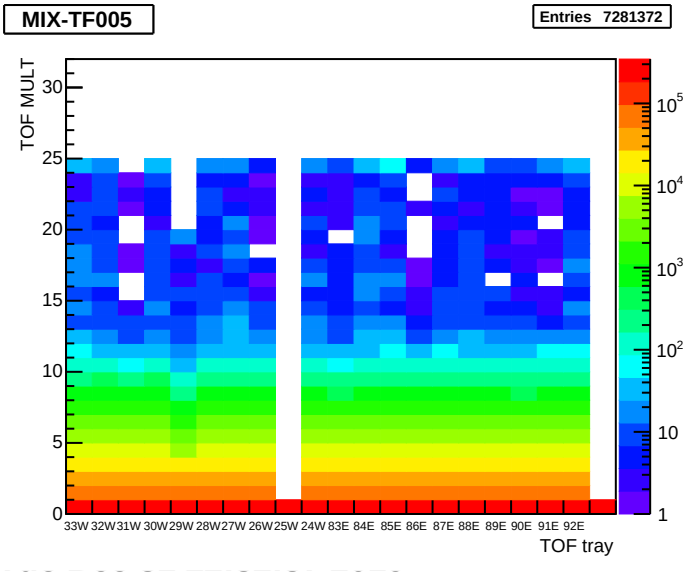

BunchId7Bit (TOFmult window)
Entries 12270

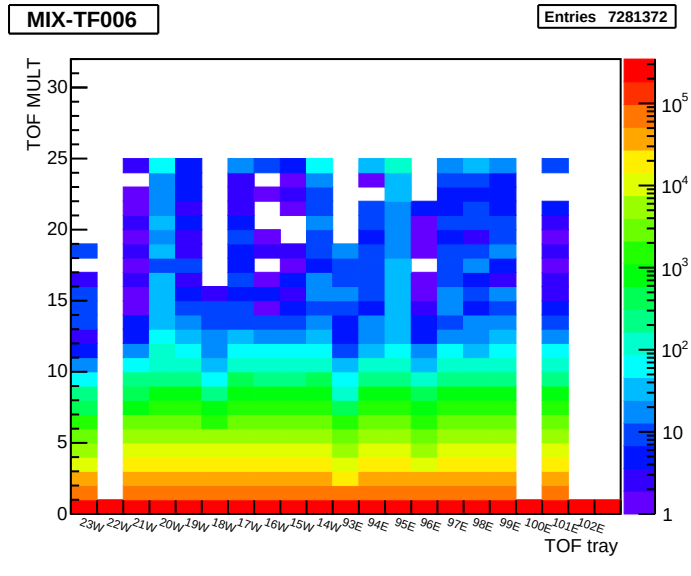

MIX-TF001
Entries 7281372
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

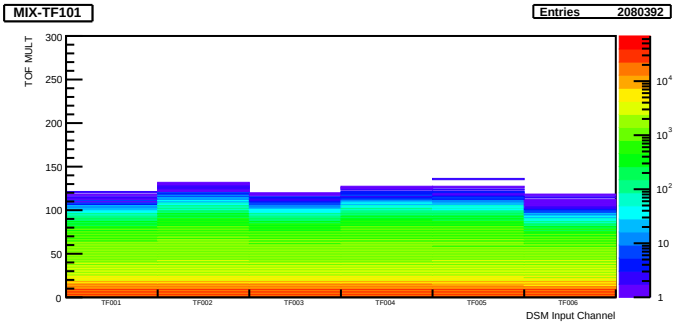

MIX-TF002
Entries 7281372
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

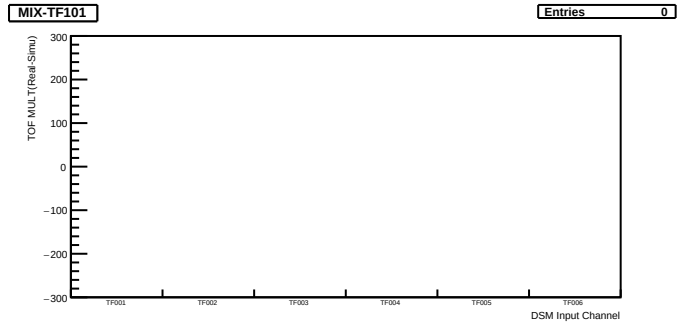

MIX-TF003
Entries 7281372
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

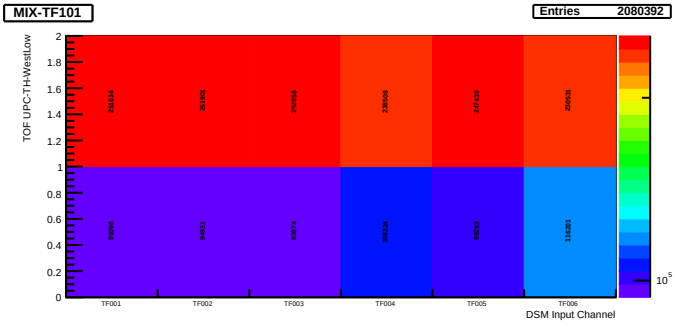

MIX-TF004
Entries 7281372
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

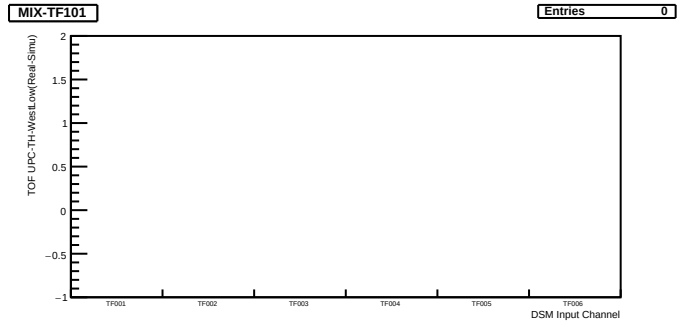

MIX-TF005
Entries 7281372
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

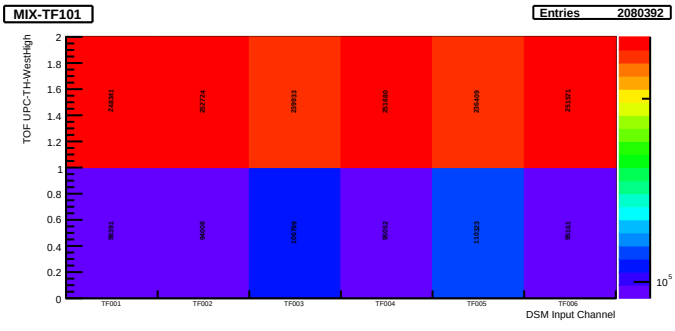

MIX-TF006
Entries 7281372
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

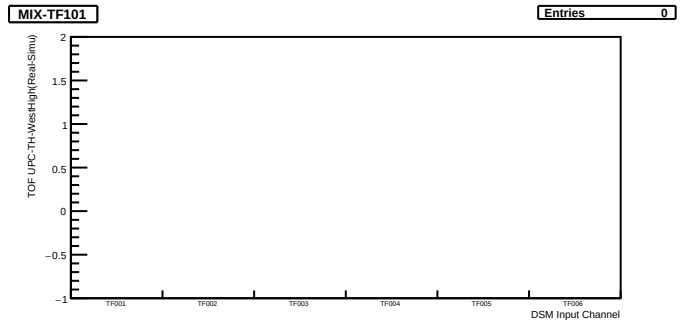

MIX-TF101
Entries 2080392
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

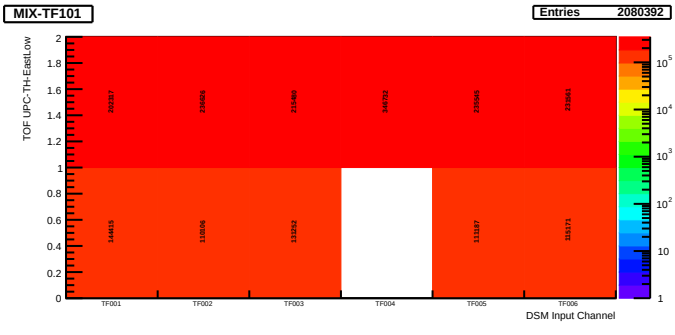

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

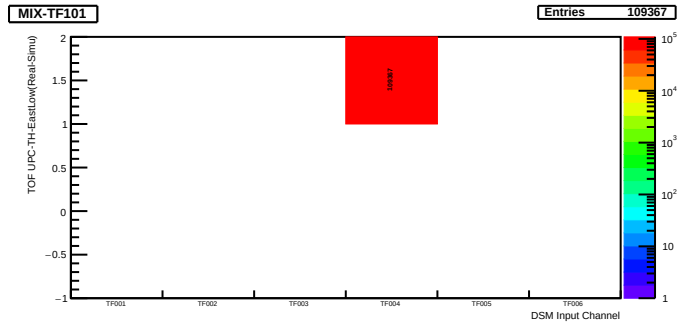

MIX-TF101
Entries 2080392
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

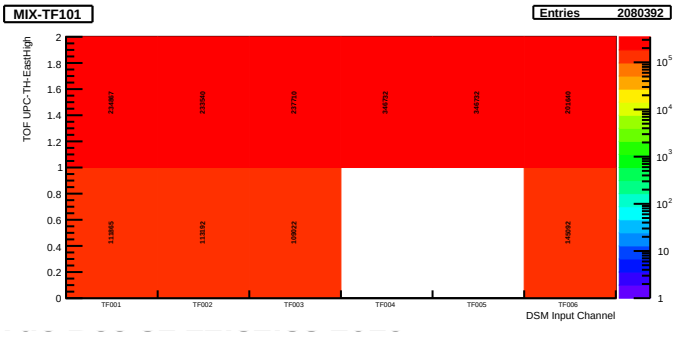

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

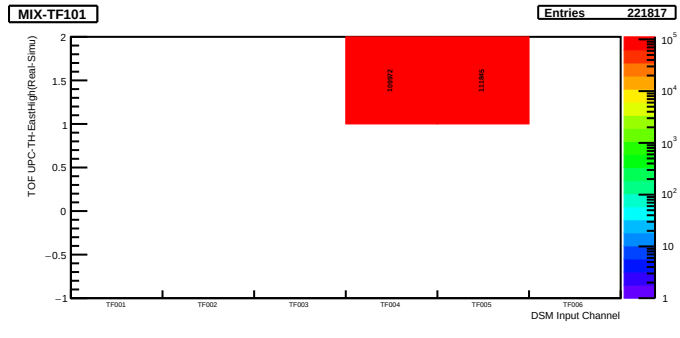

MIX-TF101
Entries 2080392
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

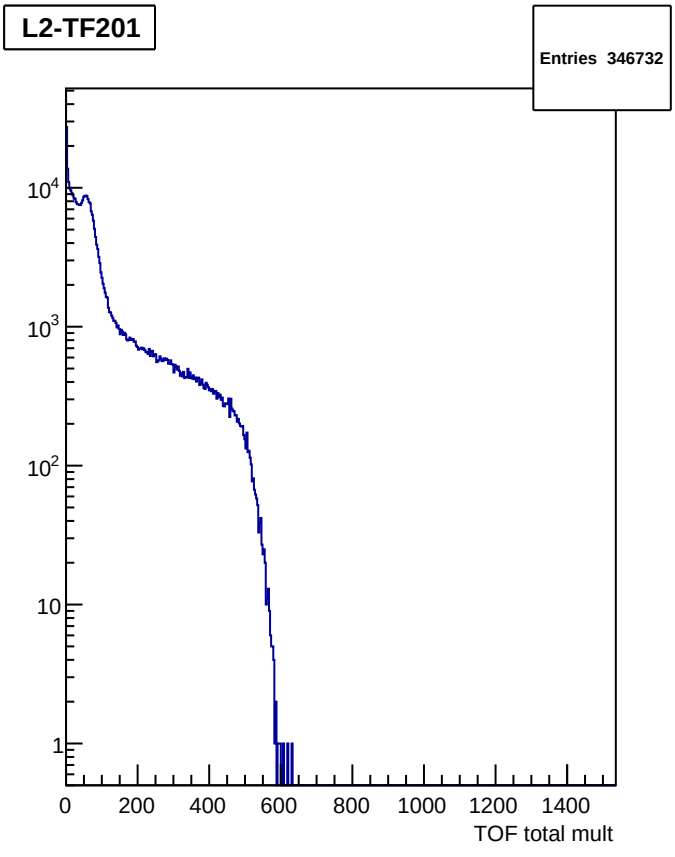

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

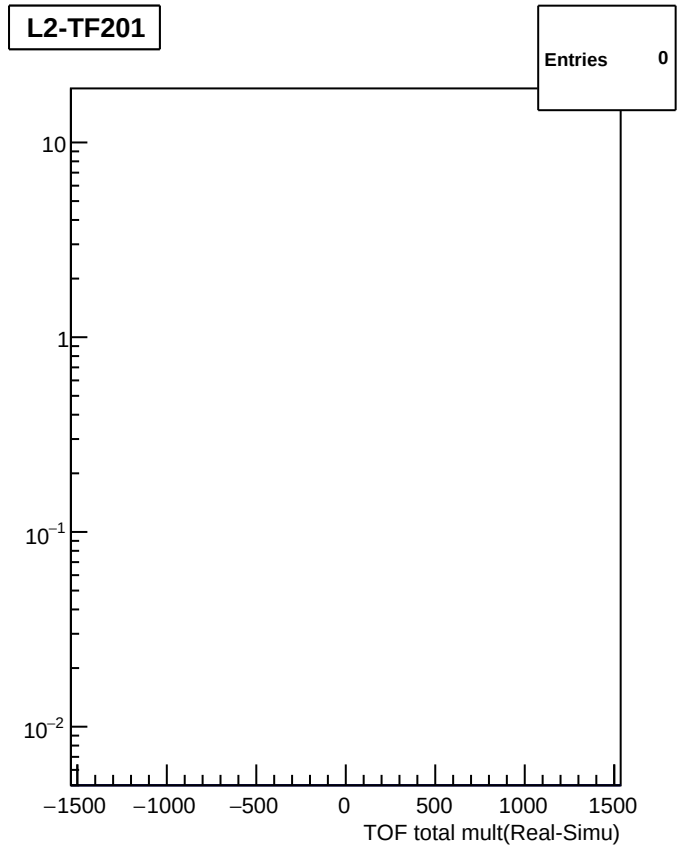

MIX-TF101
Entries 2080392
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

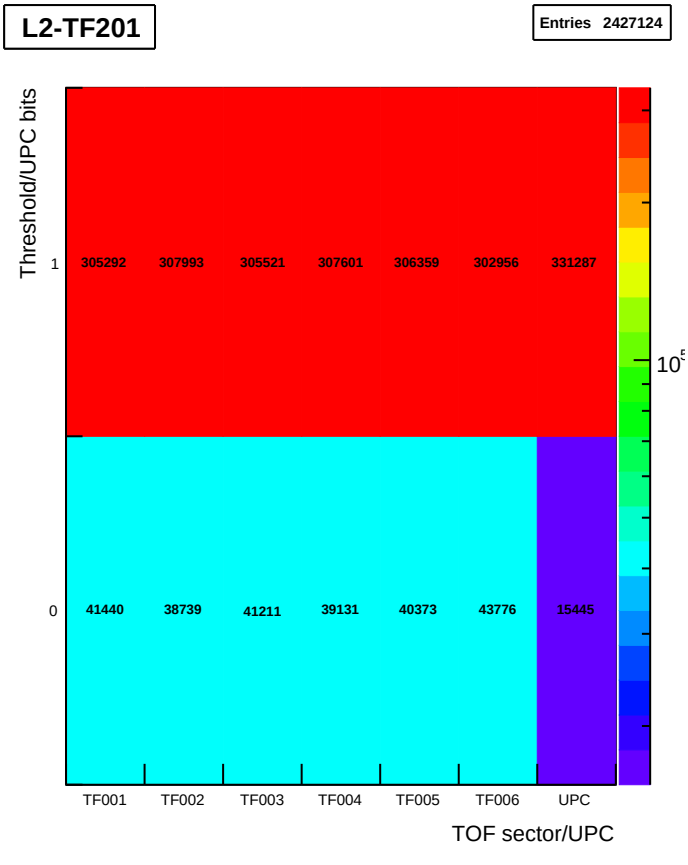

MIX-TF101
Entries 109367
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

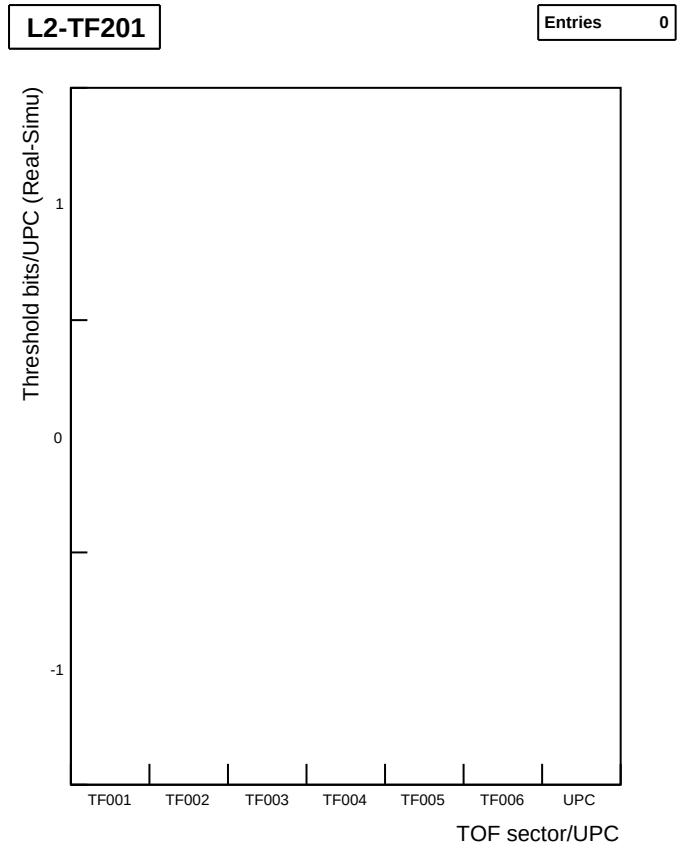

MIX-TF101
Entries 2080392
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

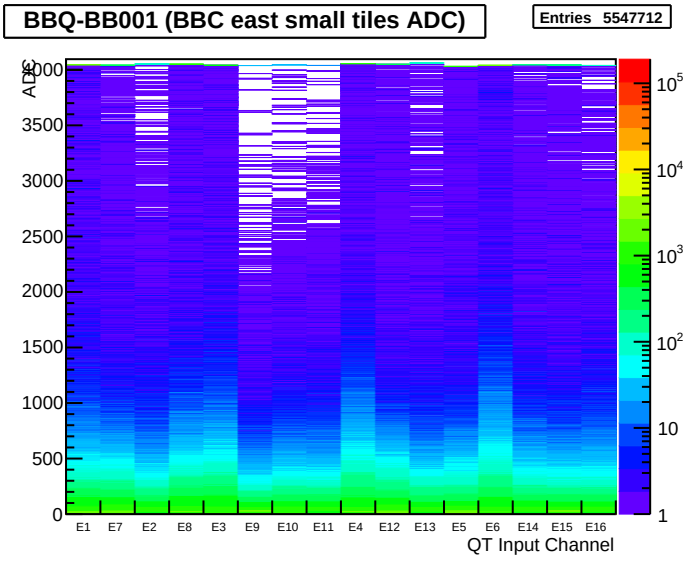

MIX-TF101
Entries 221817
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

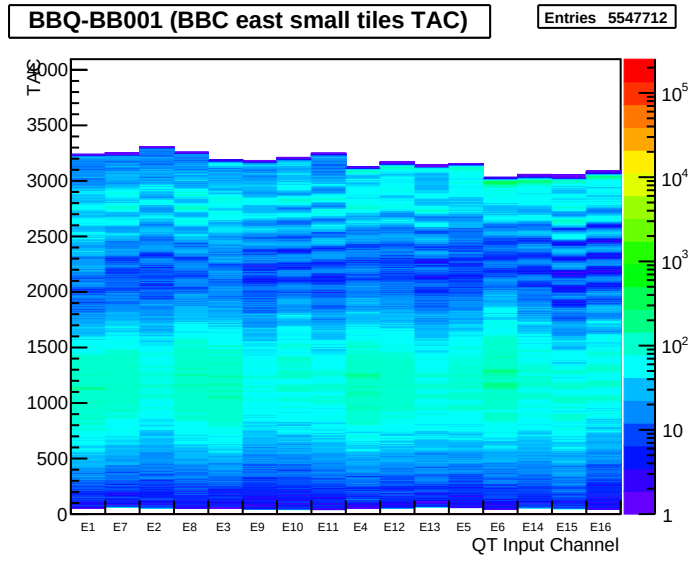

L2-TF201
Entries 346732
TOF total mult

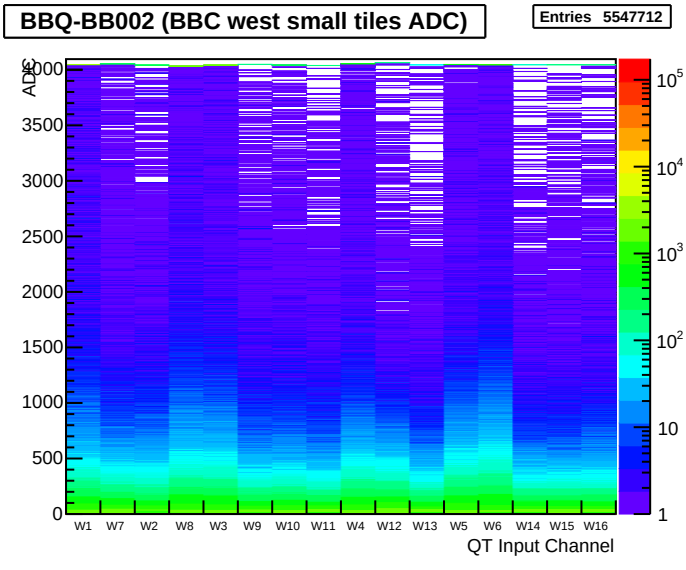

L2-TF201
Entries 0
TOF total mult(Real-Simu)

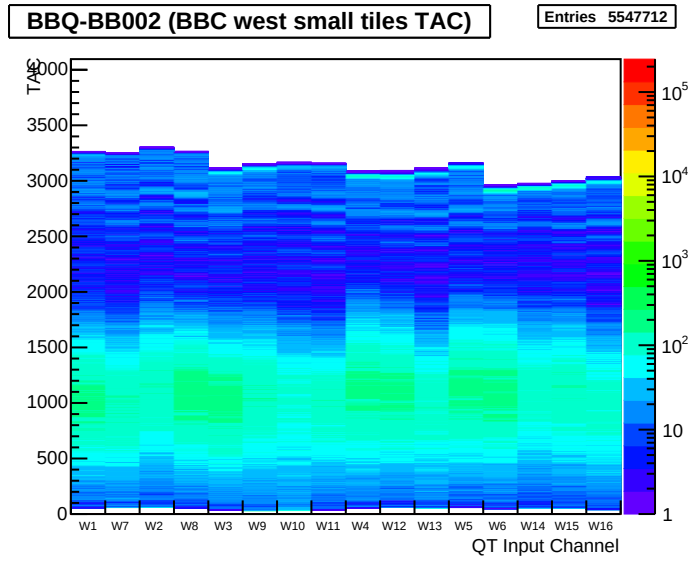

L2-TF201
Entries 2427124
Threshold/UPC bits
305292
307993
305521
307601
306359
302956
331287
41440
38739
41211
39131
40373
43776
15445
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

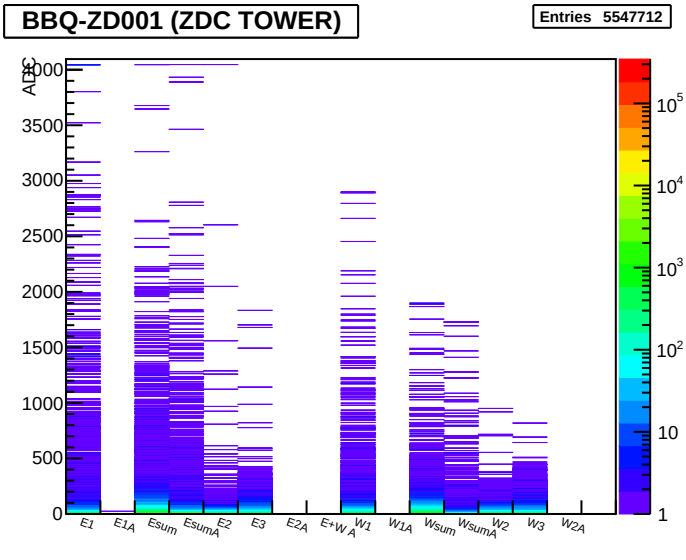

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

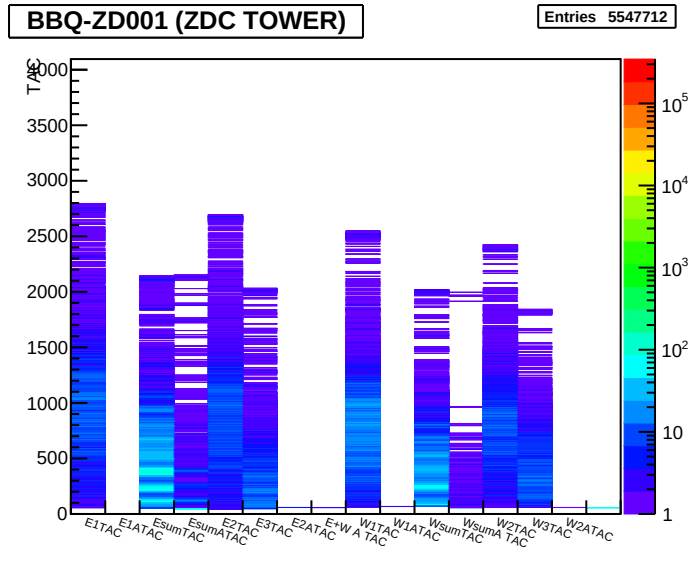

BBQ-BB001 (BBC east small tiles ADC)
Entries 5547712
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

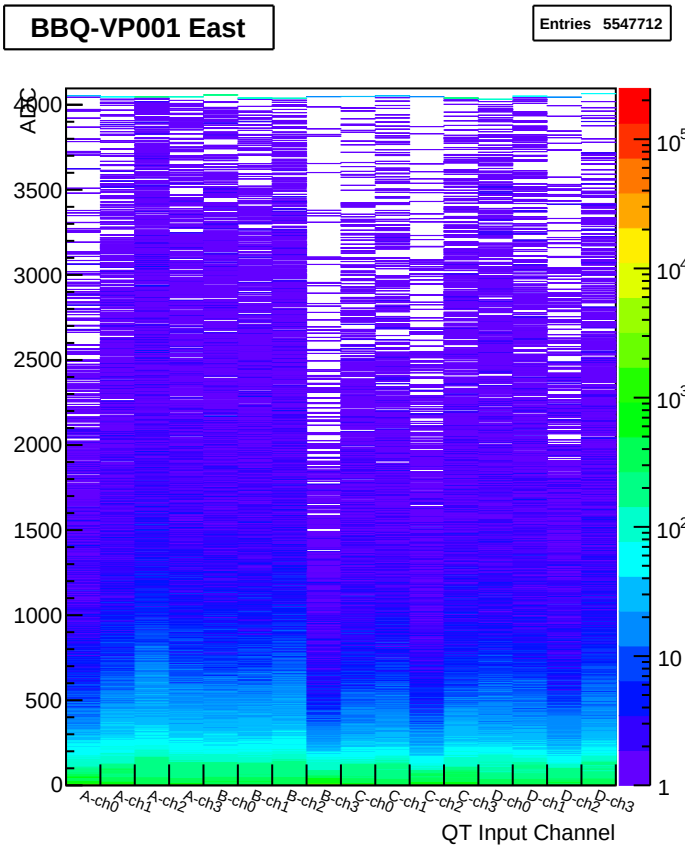

BBQ-BB001 (BBC east small tiles TAC)
Entries 5547712
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

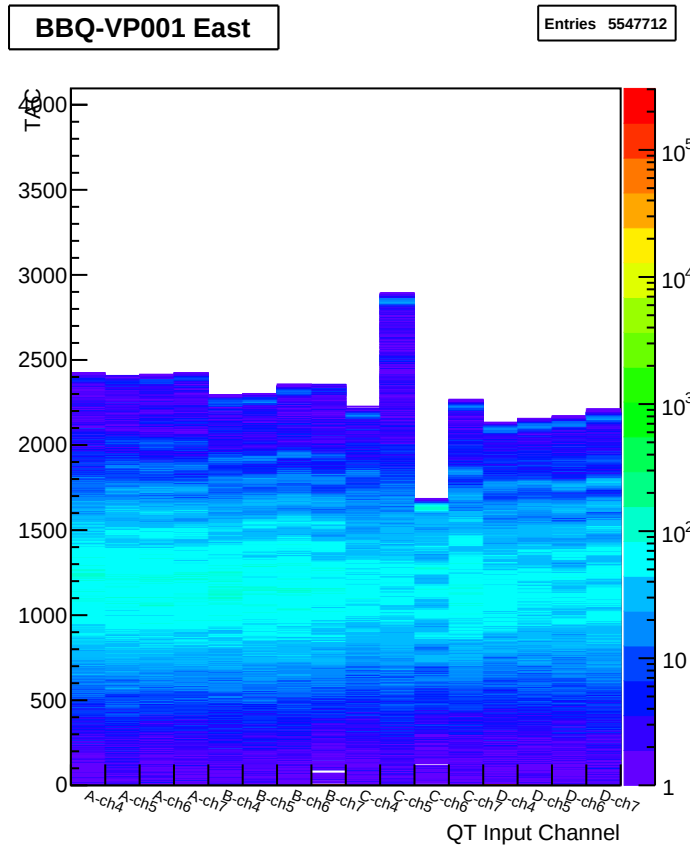

BBQ-BB002 (BBC west small tiles ADC)
Entries 5547712
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

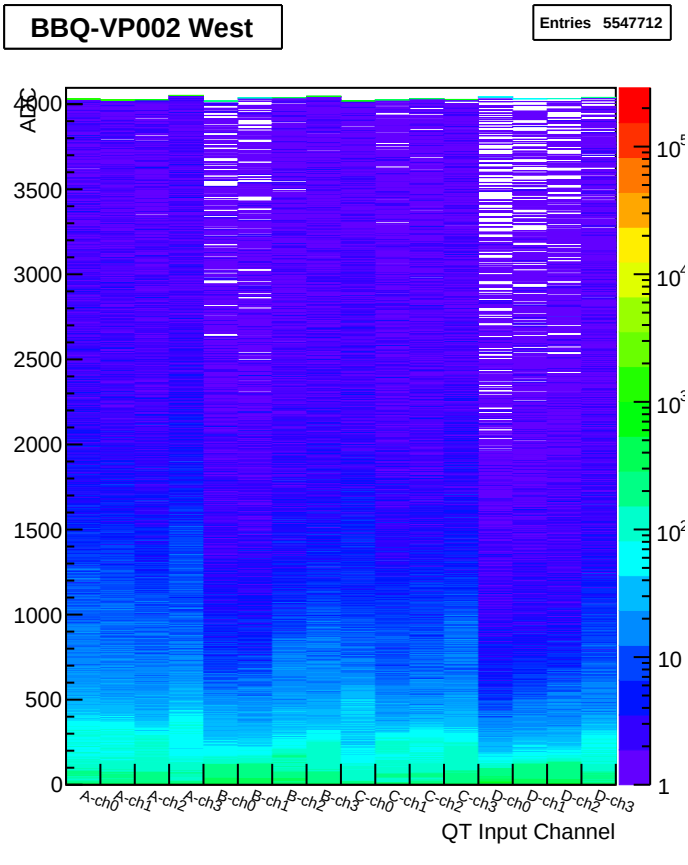

BBQ-BB002 (BBC west small tiles TAC)
Entries 5547712
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

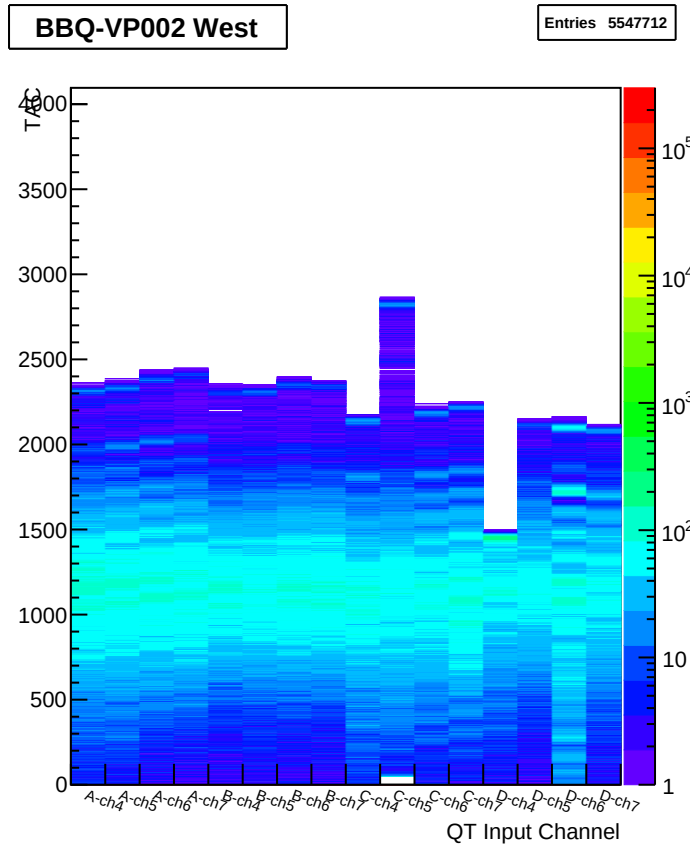

BBQ-ZD001 (ZDC TOWER)
Entries 5547712
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

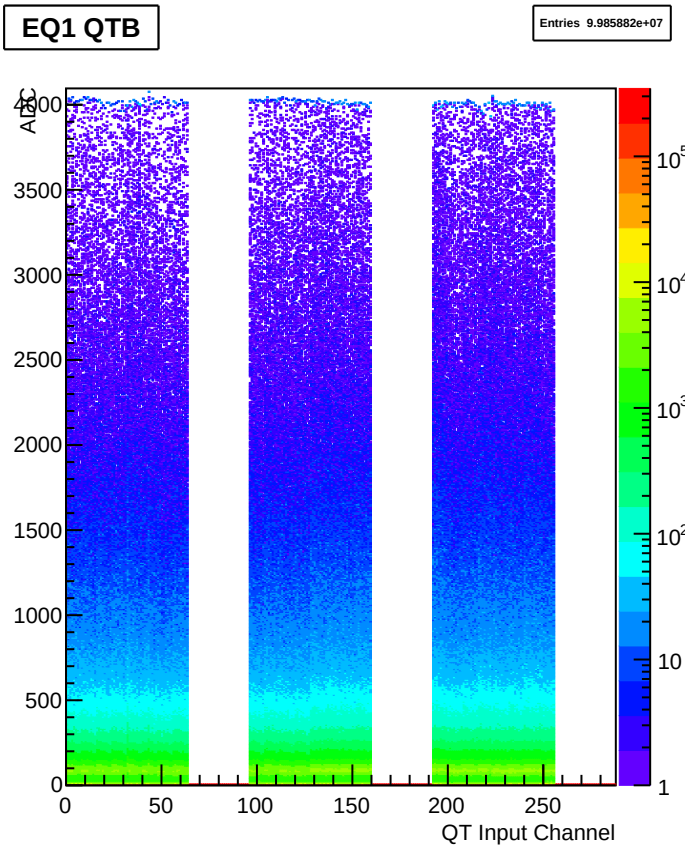

BBQ-ZD001 (ZDC TOWER)
Entries 5547712
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

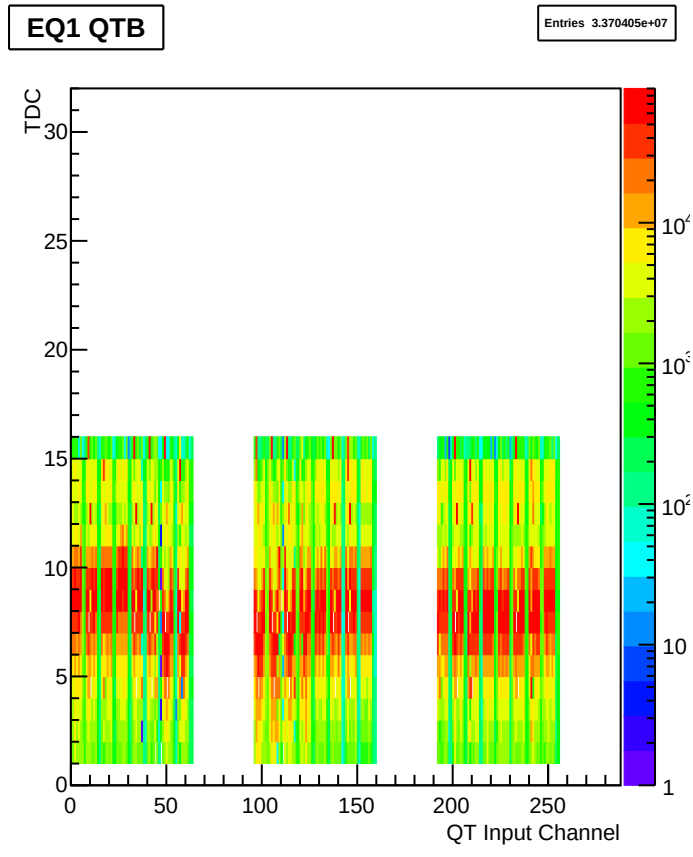

BBQ-VP001 East
Entries 5547712
ADC
QT Input Channel

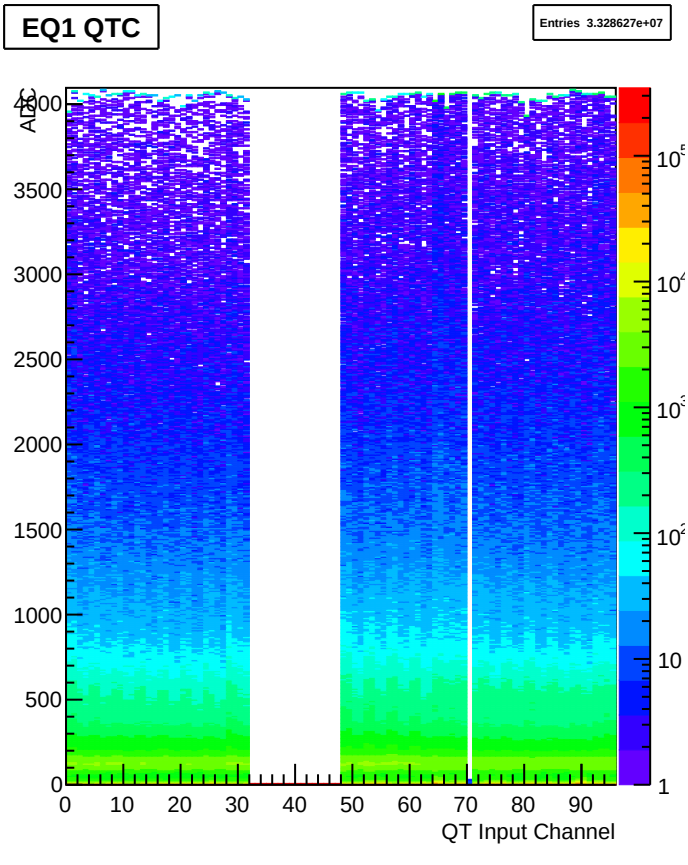

BBQ-VP001 East
Entries 5547712
TADC
QT Input Channel

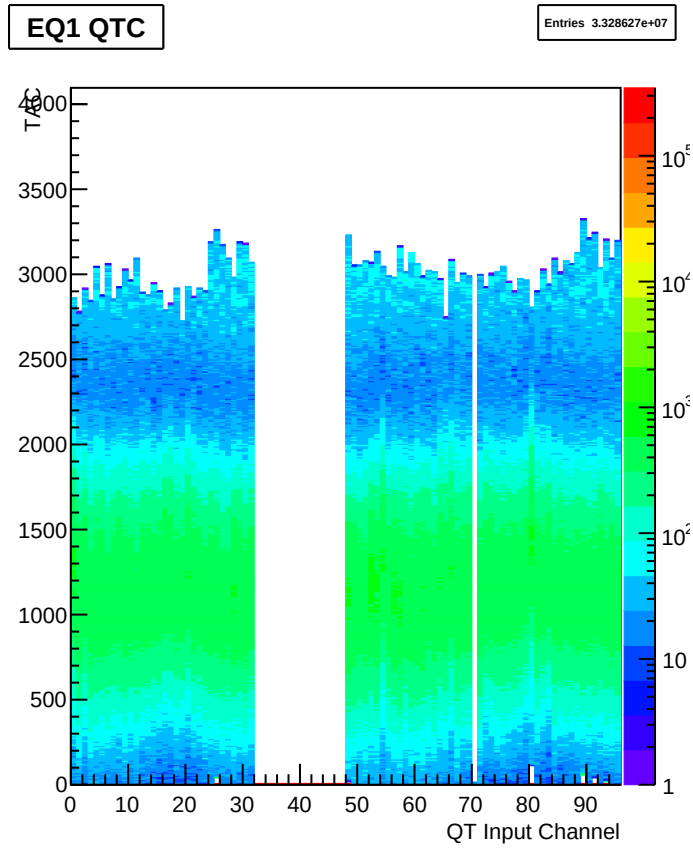

BBQ-VP002 West
Entries 5547712
ADC
QT Input Channel

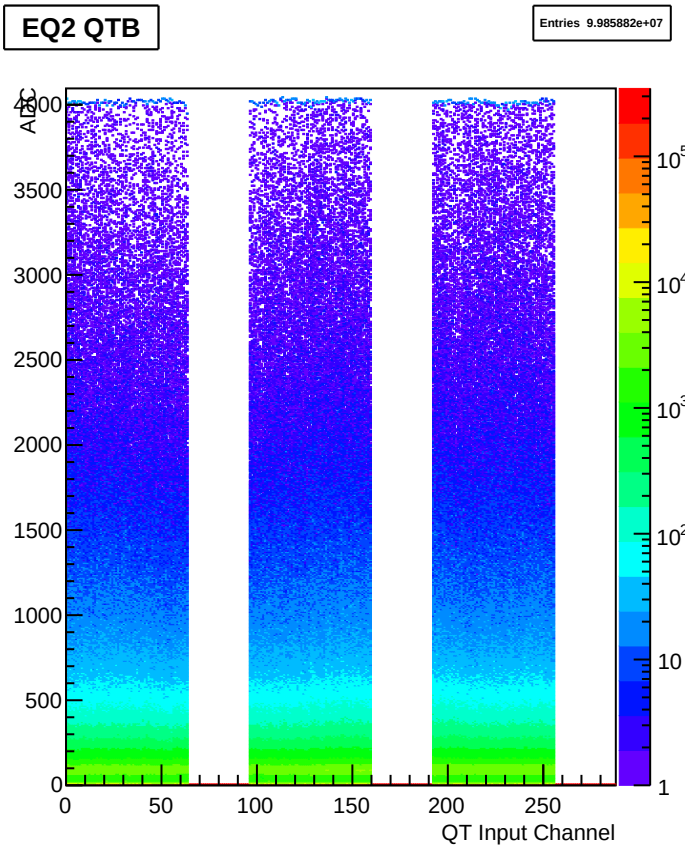

BBQ-VP002 West
Entries 5547712
TADC
QT Input Channel

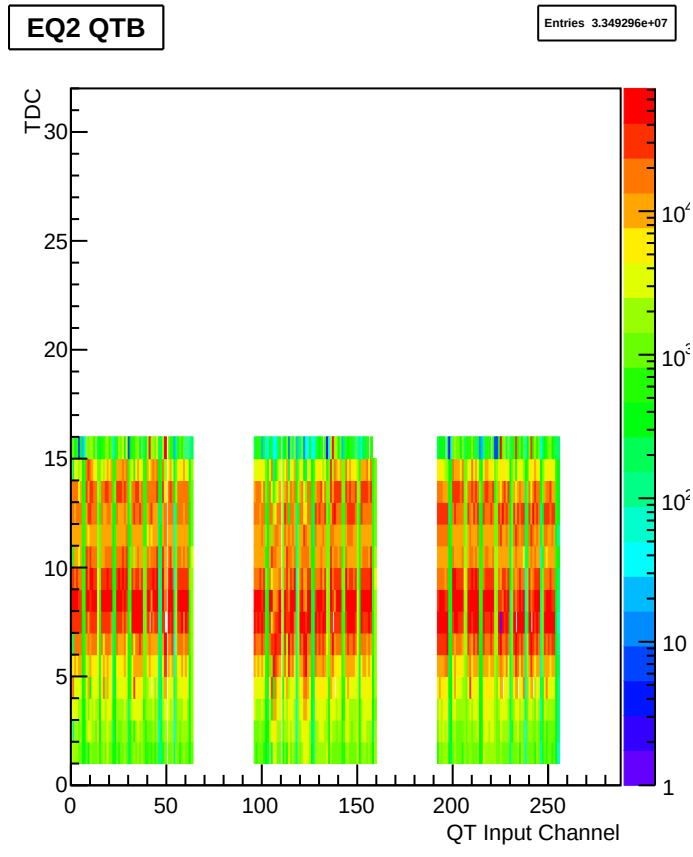

EQ1 QTB
Entries 9.985882e+07
ADC
QT Input Channel

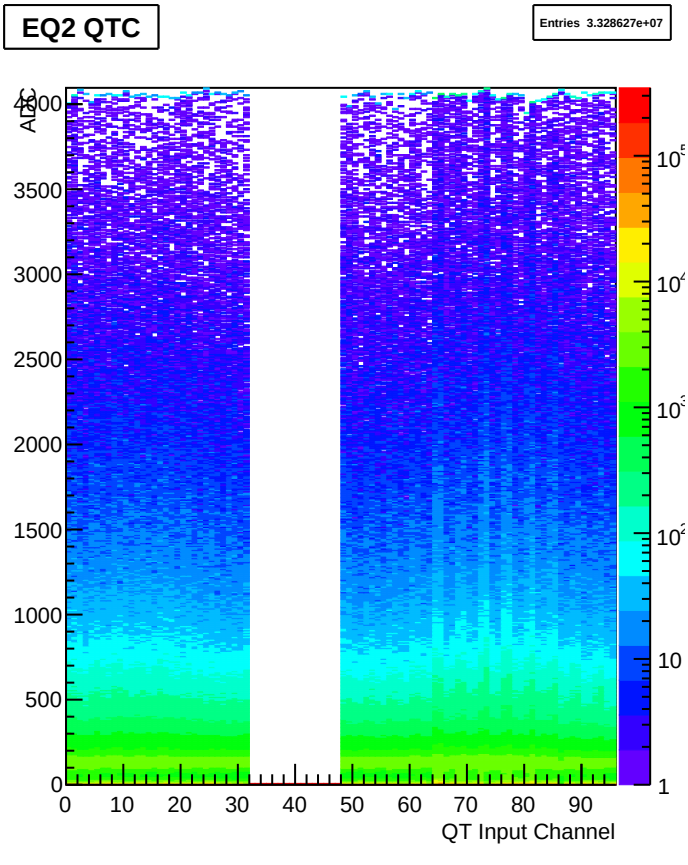

EQ1 QTB
Entries 3.370405e+07
TDC
QT Input Channel

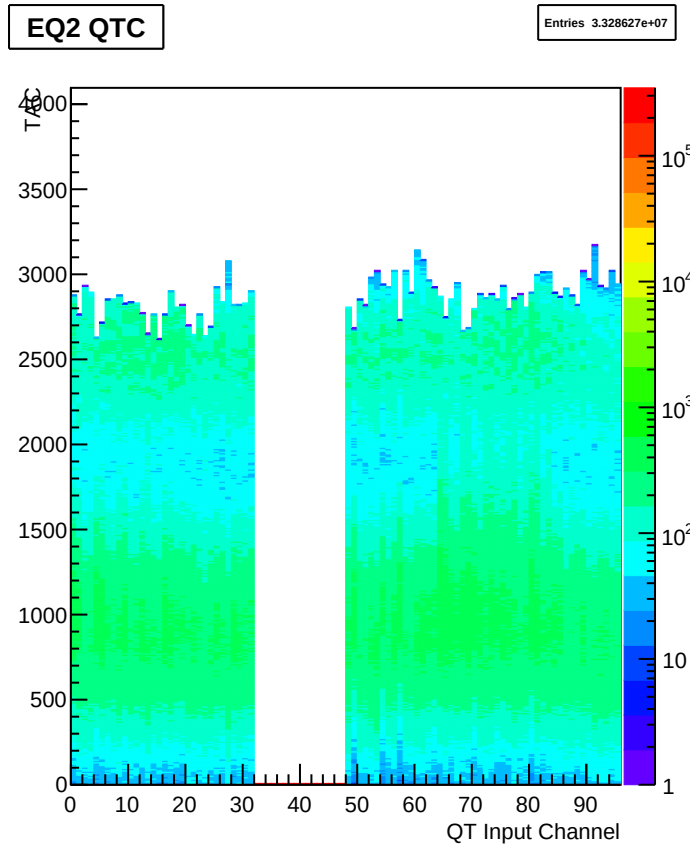

EQ1 QTC
Entries 3.328627e+07
ADC
QT Input Channel

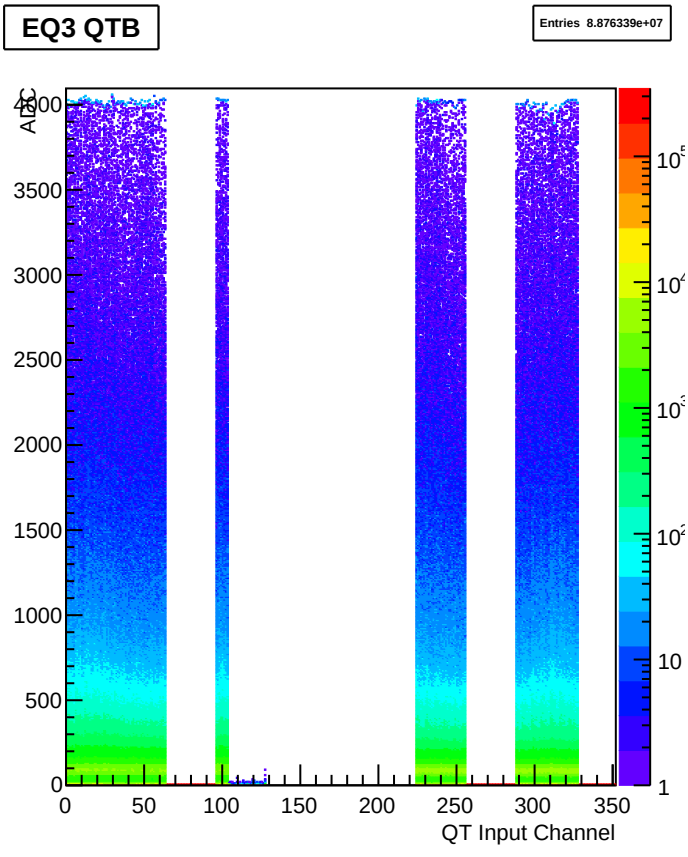

EQ1 QTC
Entries 3.328627e+07
TADC
QT Input Channel

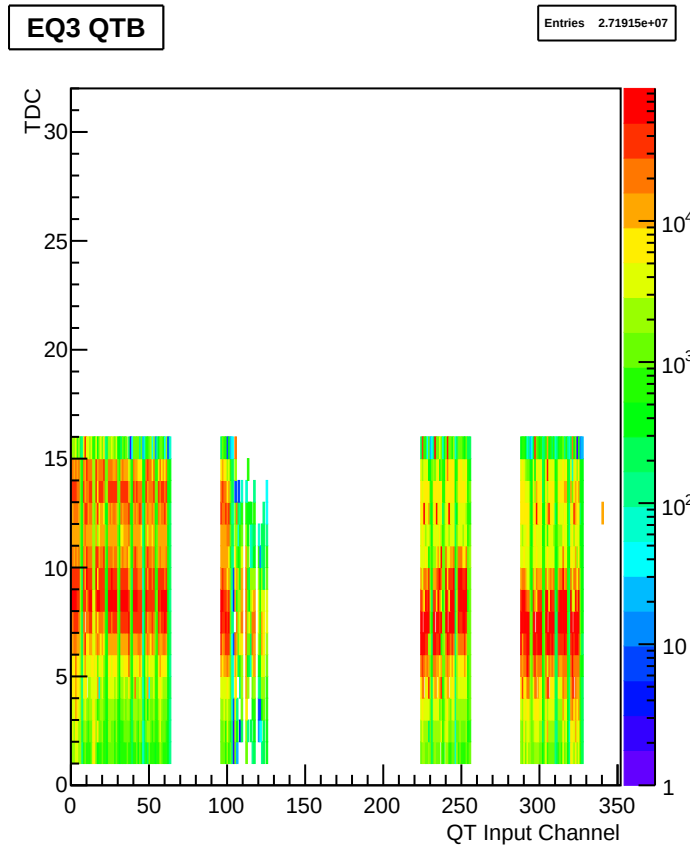

EQ2 QTB
Entries 9.985882e+07
ADC
QT Input Channel

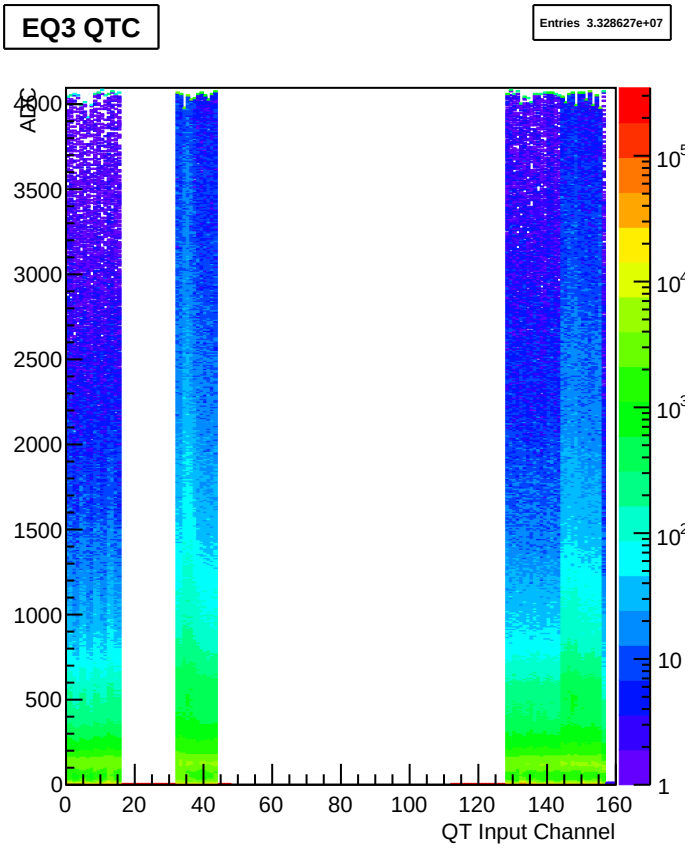

EQ2 QTB
Entries 3.349296e+07
TDC
QT Input Channel

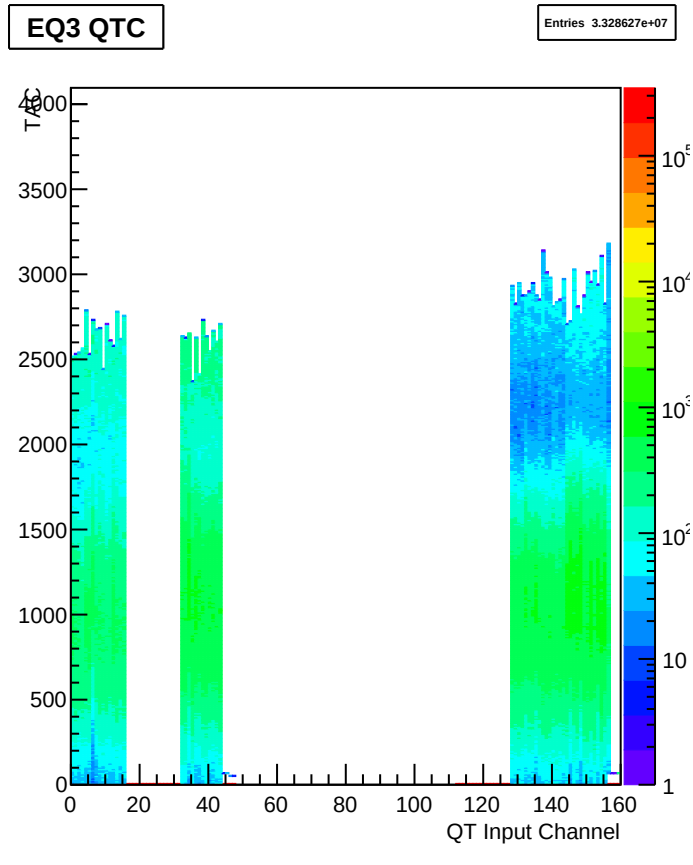

EQ2 QTC
Entries 3.328627e+07
ADC
QT Input Channel

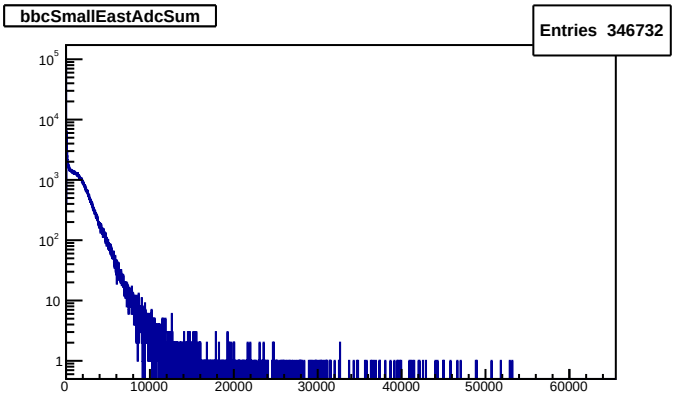

EQ2 QTC
Entries 3.328627e+07
TADC
QT Input Channel

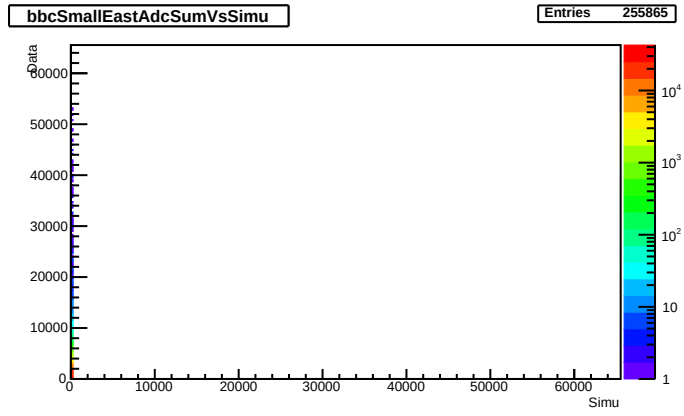

EQ3 QTB
Entries 8.876339e+07
ADC
QT Input Channel

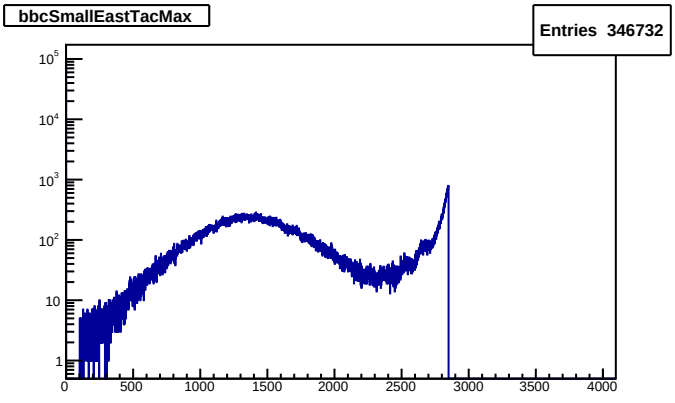

EQ3 QTB
Entries 2.71915e+07
TDC
QT Input Channel

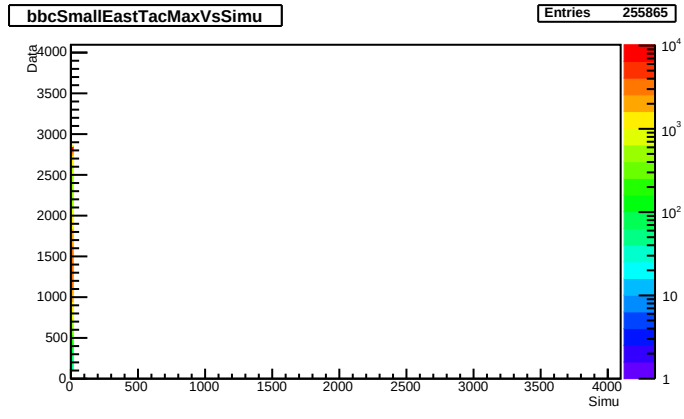

EQ3 QTC
Entries 3.328627e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.328627e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 346732


bbcSmallEastAdcSumVsSimu
Entries 255865
Data
Simu


bbcSmallEastTacMax
Entries 346732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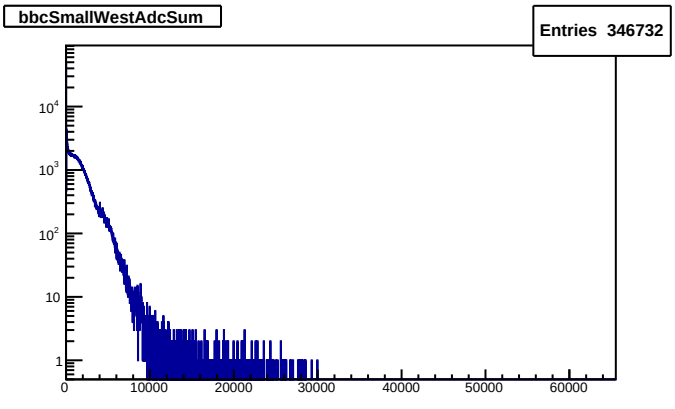
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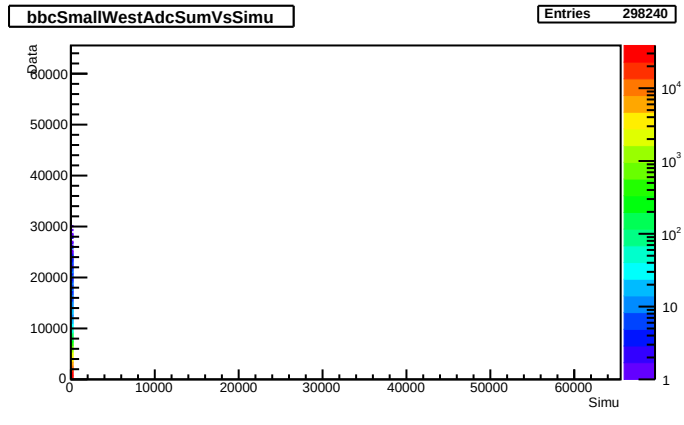
Entries 346732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Entries 298240
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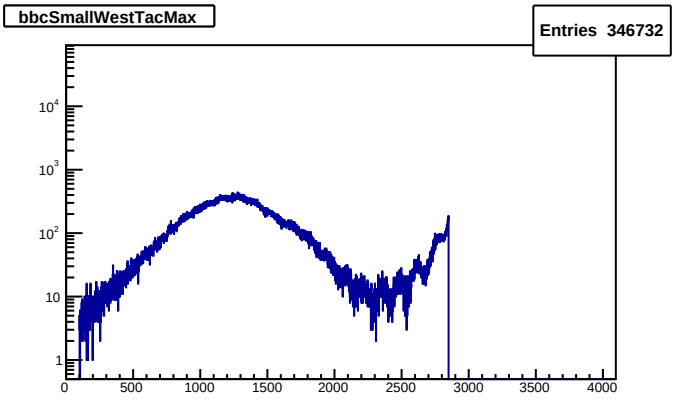
Simu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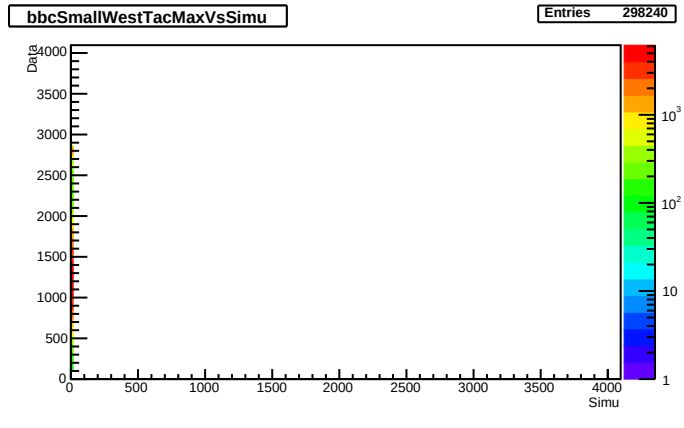
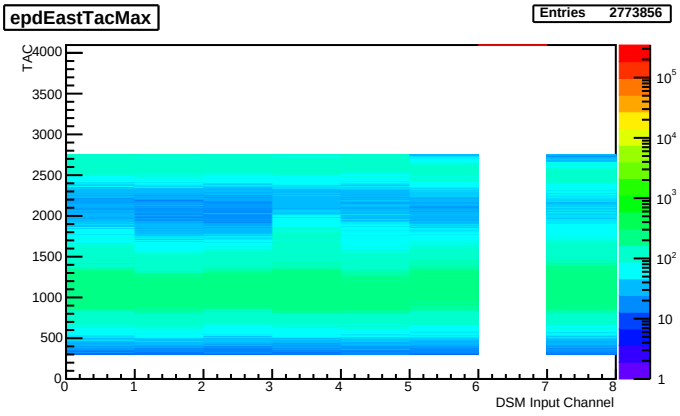
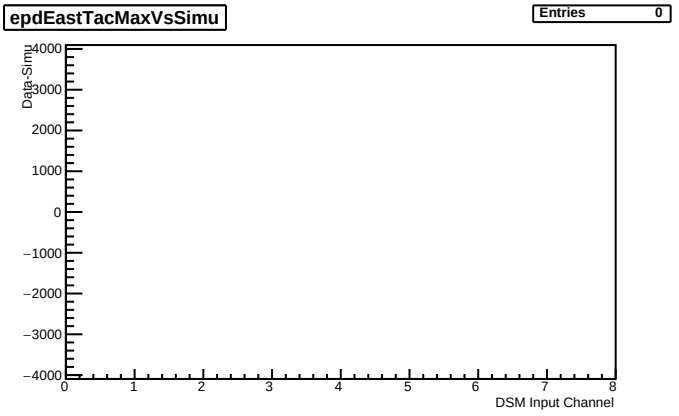

bbcSmallWestTacMaxVsSimu
Entries 298240
Data
Simu


epdEastTacMax
Entries 2773856
TAC
DSM Input Channel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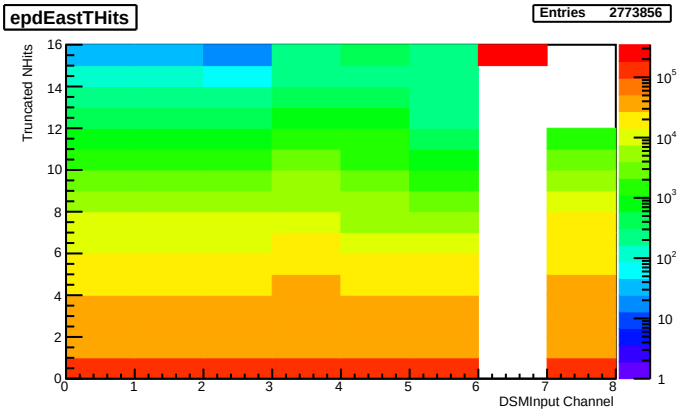
Entries 0
Data-Simu
DSM Input Channel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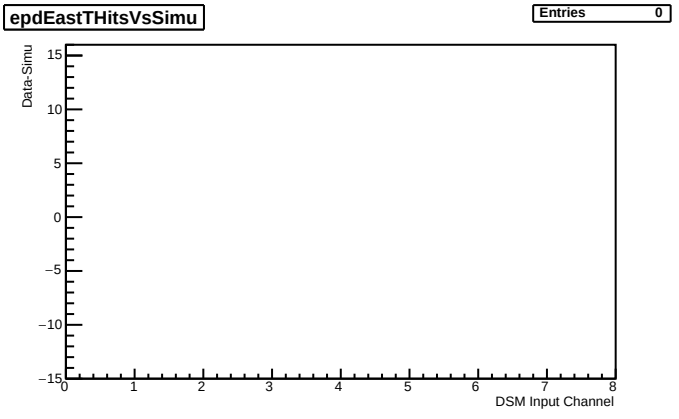
Entries 2773856
Truncated NHits
DSMInput Channel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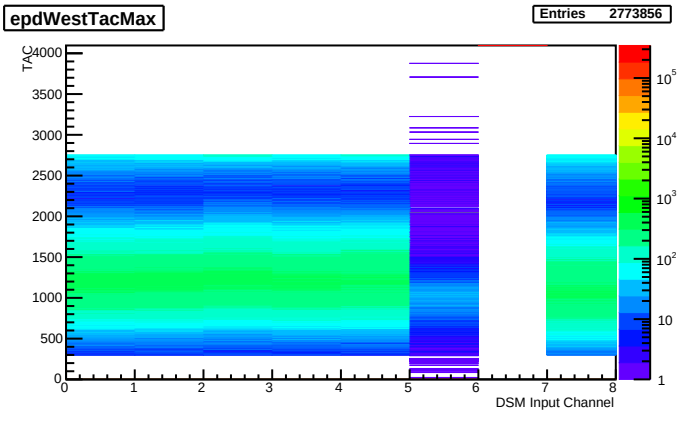
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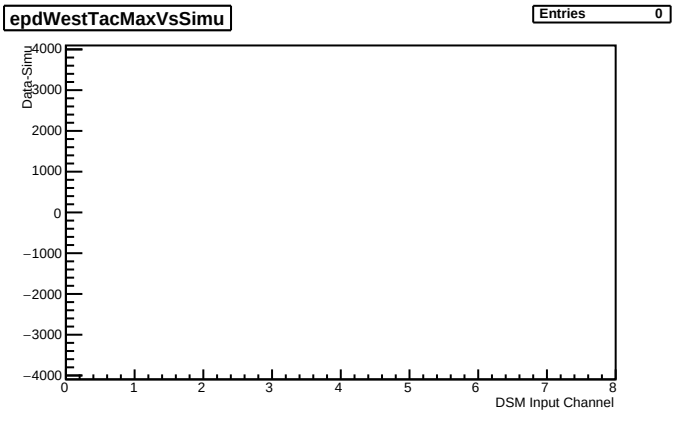
DSM Input Channel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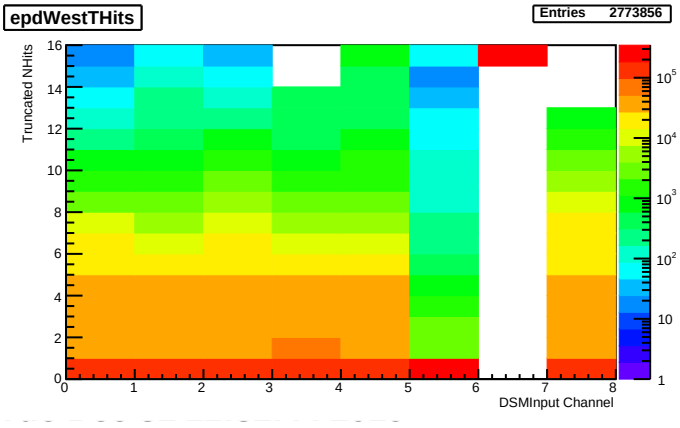
DSM Input Channel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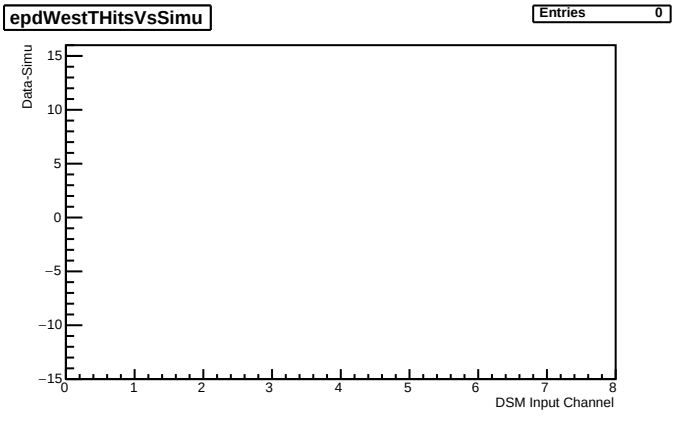
Entries 2773856
Truncated NHits
DSMInput Channel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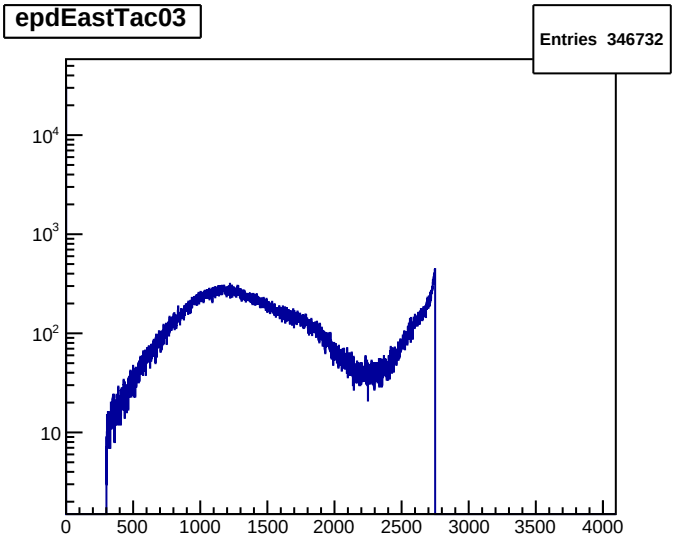
Data-Simu
DSM Input Channel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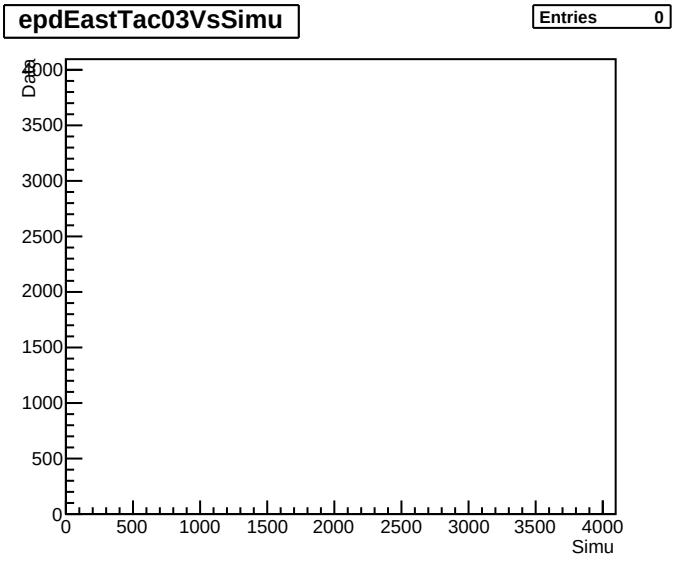
Entries 346732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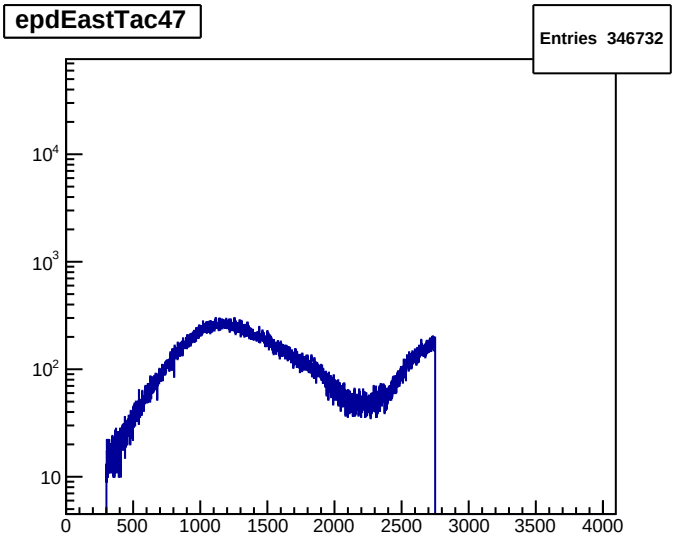
Entries 0
Data
Simu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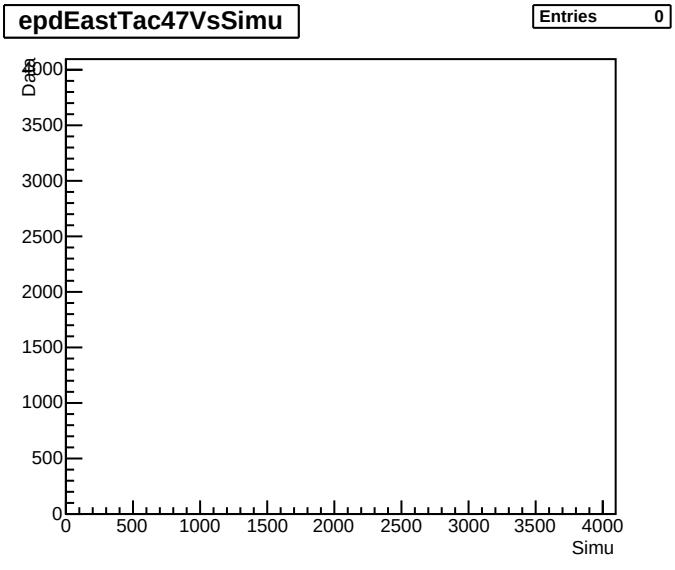
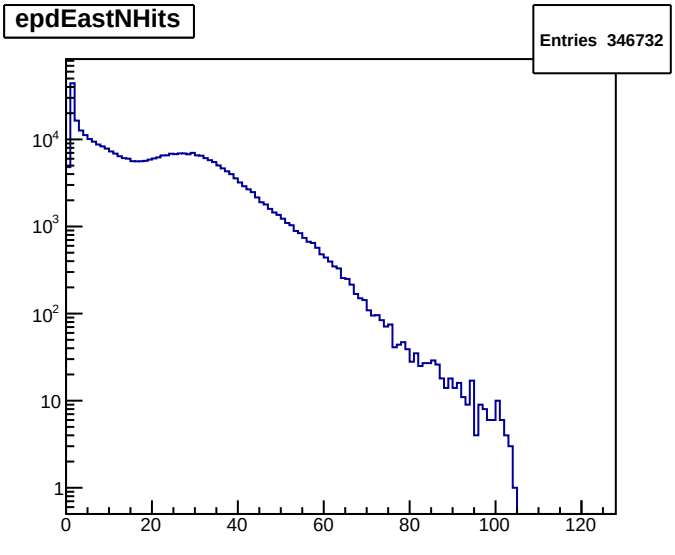
Entries 346732


epdEastTac47VsSimu
Entries 0
Data
Simu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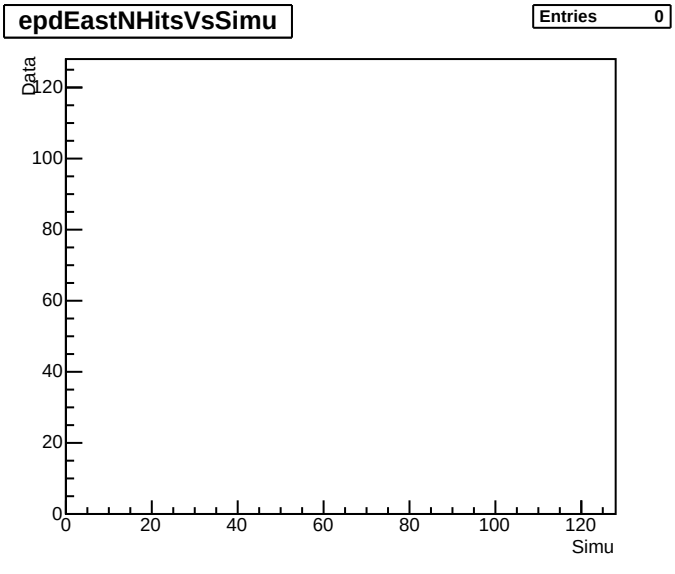
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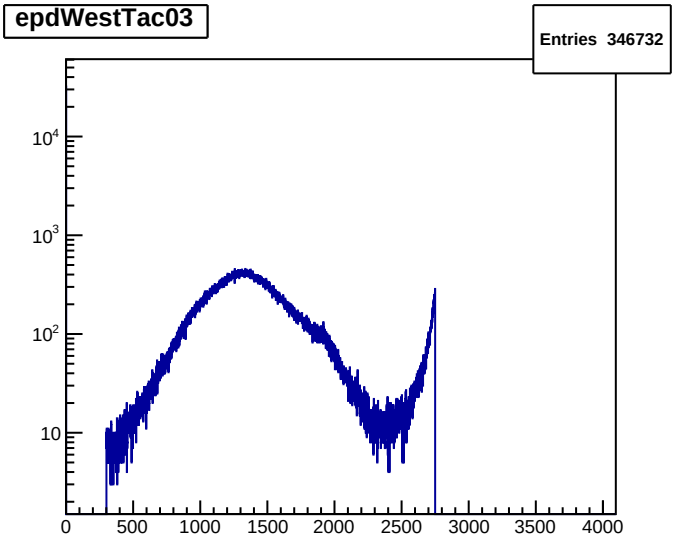
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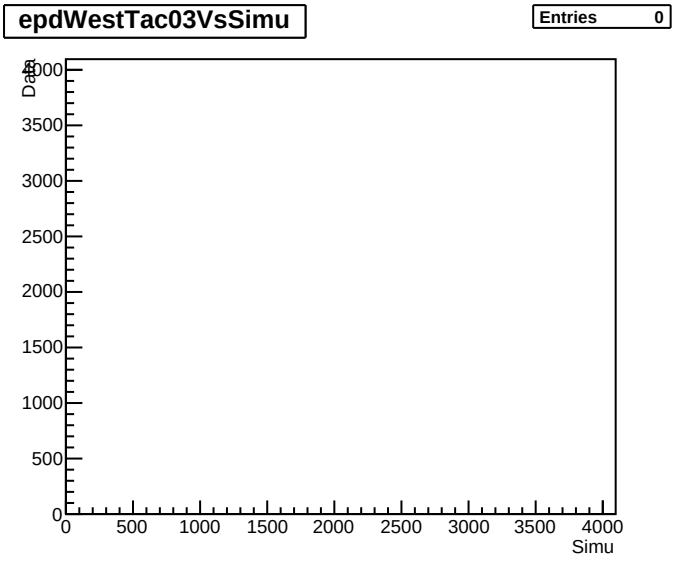
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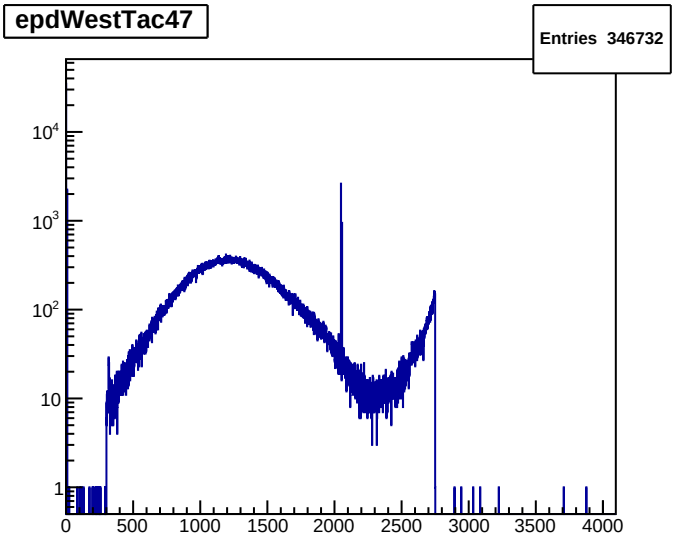
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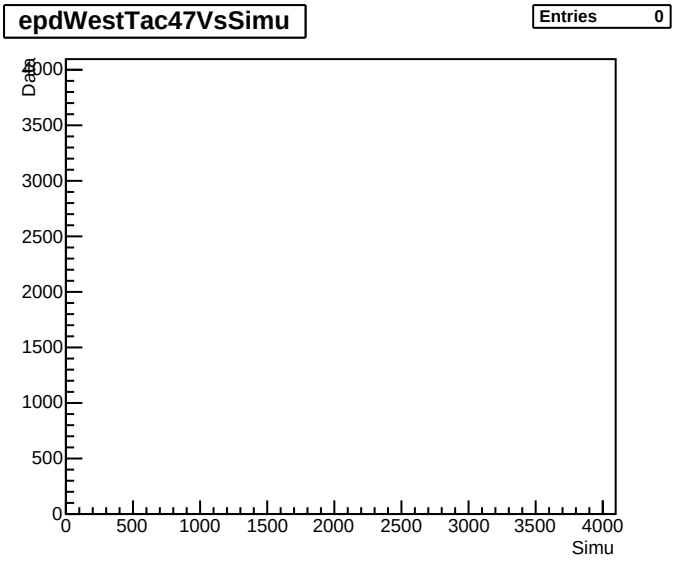
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Entries 0
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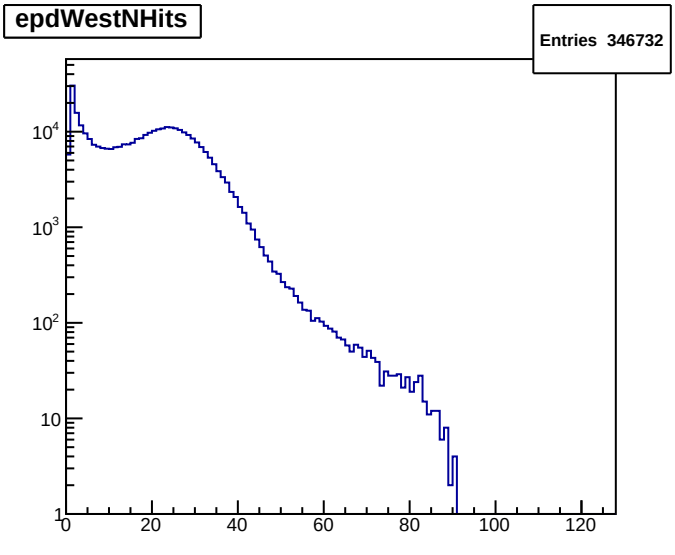
Simu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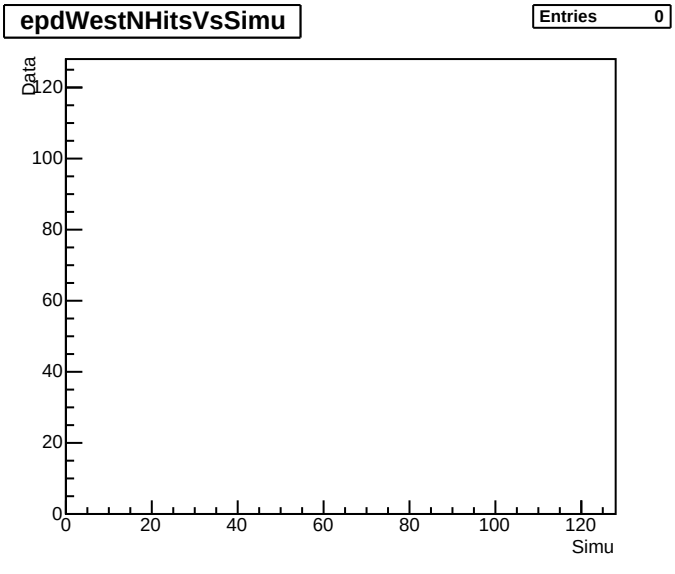
Entries 346732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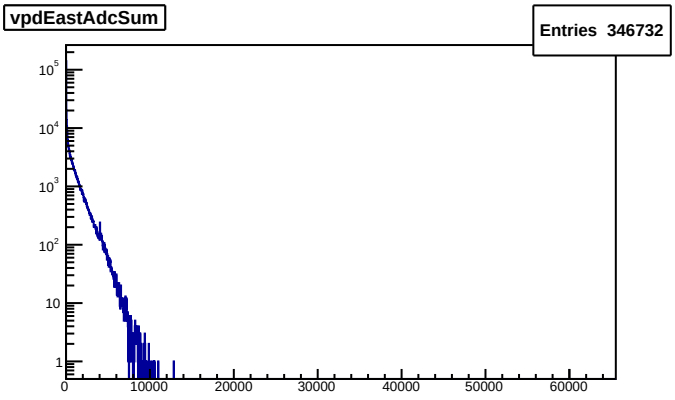
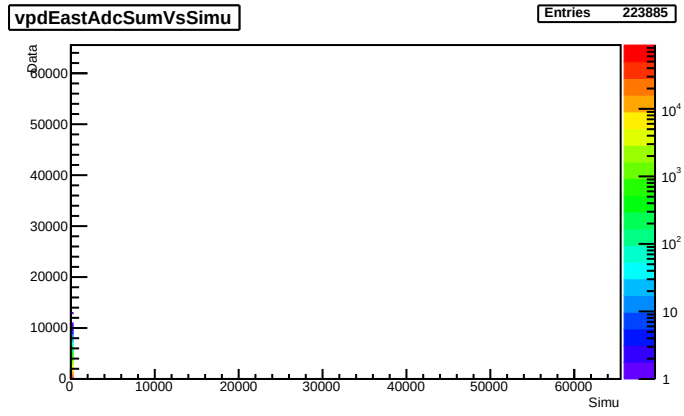
Entries 0
Data
Simu


vpdEastAdcSum
Entries 346732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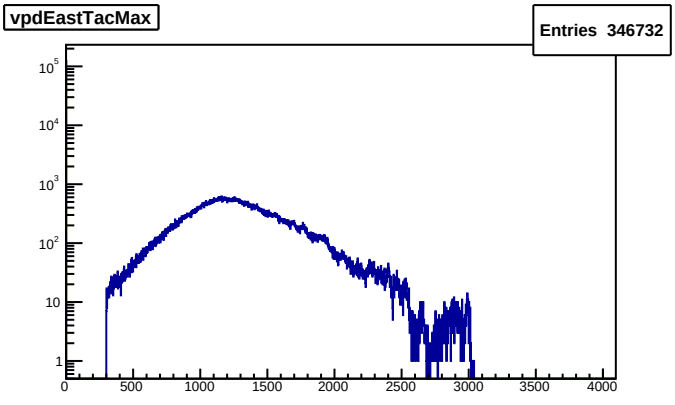
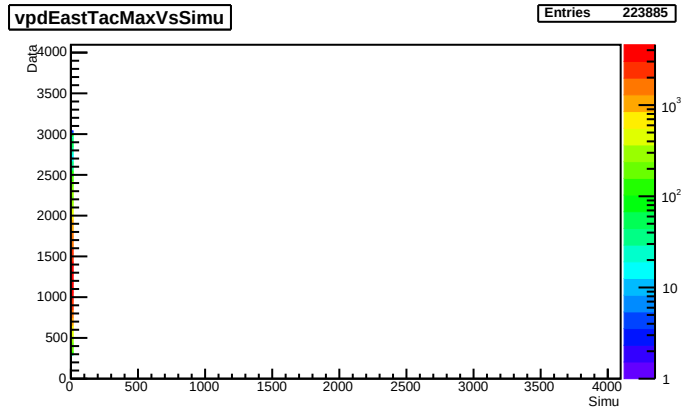
Entries 223885
Data
Simu


vpdEastTacMax
Entries 346732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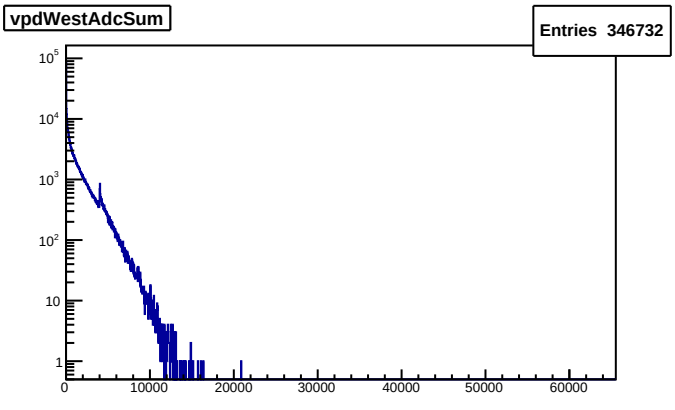
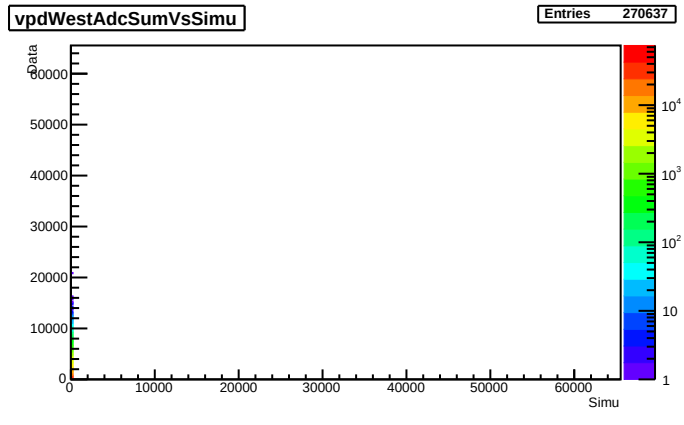
Entries 223885
Data
Simu


vpdWestAdcSum
Entries 346732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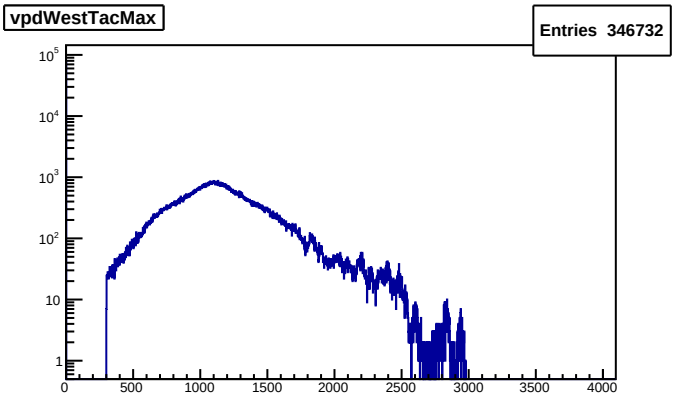
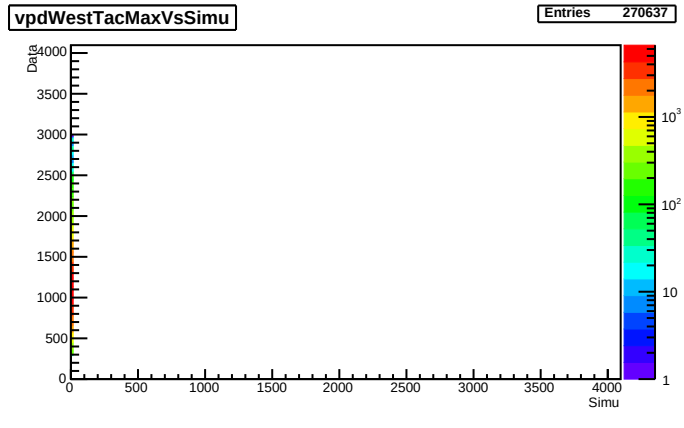
Entries 270637
Data
Simu


vpdWestTacMax
Entries 346732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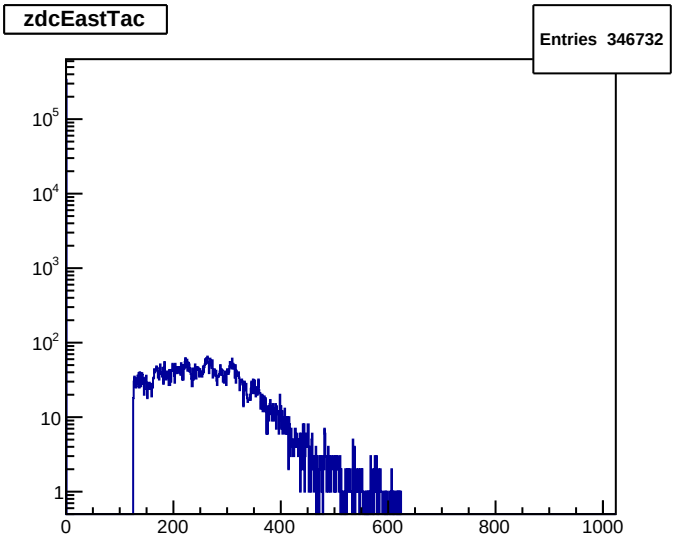
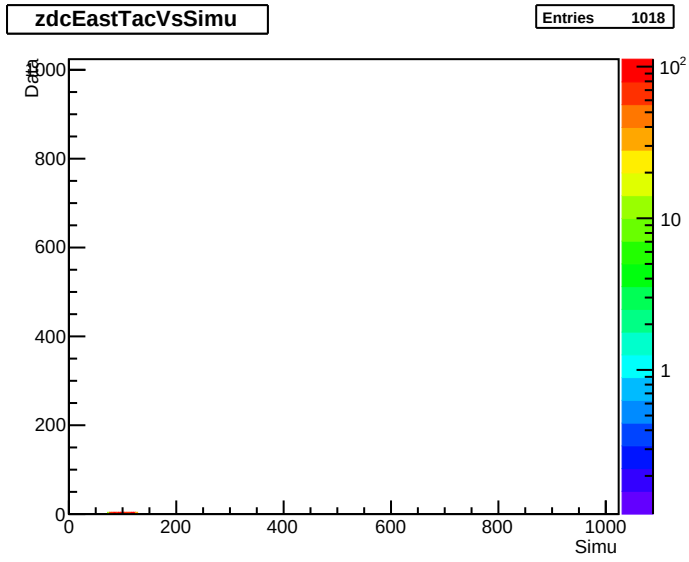
Entries 270637
Data
Simu


zdcEastTac
Entries 346732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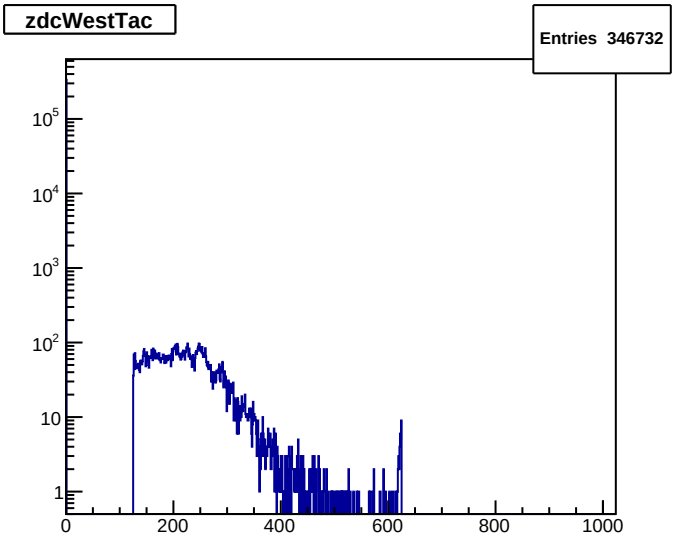
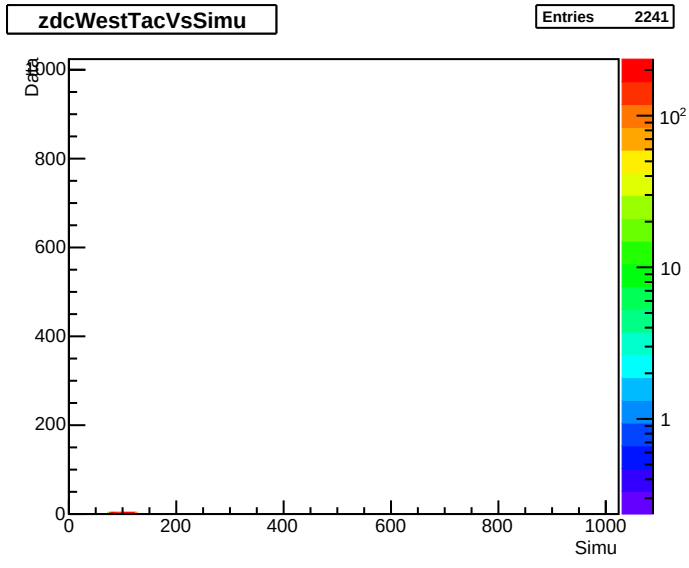
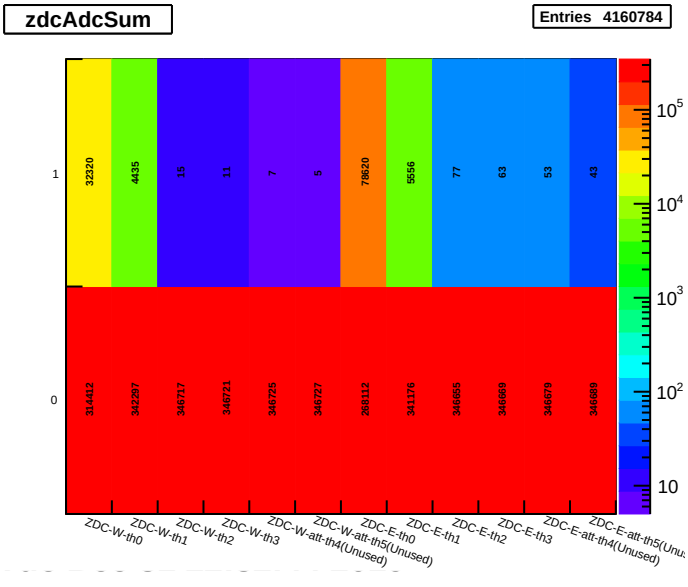
Entries 1018
Data
Simu


zdcWestTac
Entries 346732


zdcWestTacVsSimu
Entries 2241
Data
Simu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Entries 4160784
32320
4435
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11
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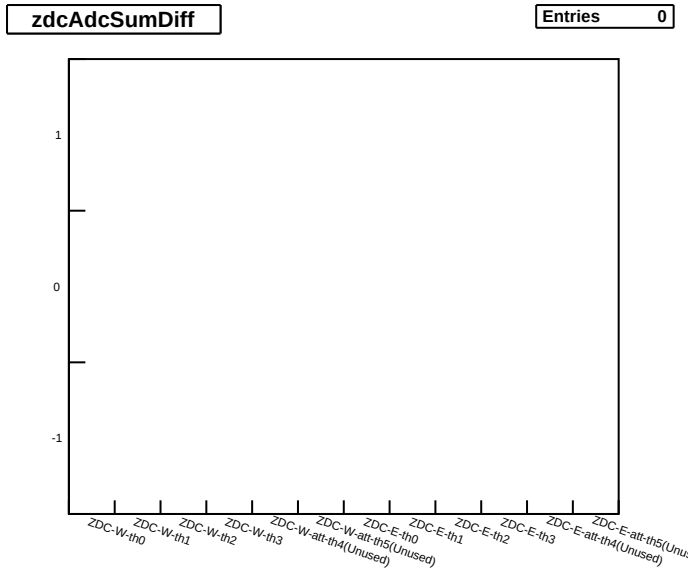
78620
5556
77
63
53
43
314412
342297
346717
346721
346725
346727
268112
341176
346655
346669
346670
346689
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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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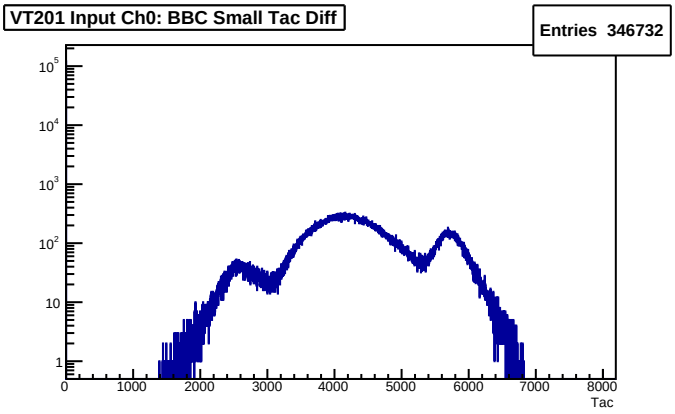
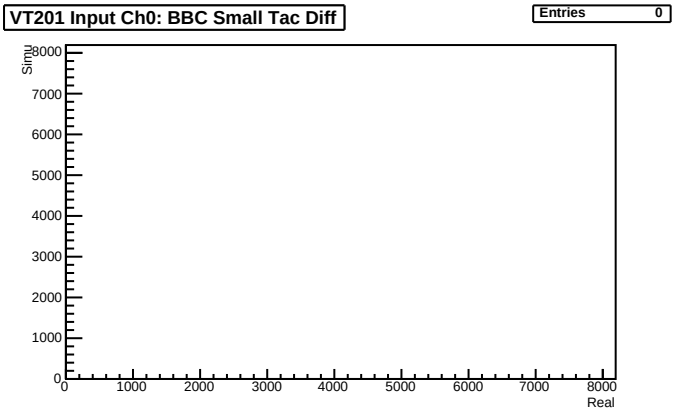
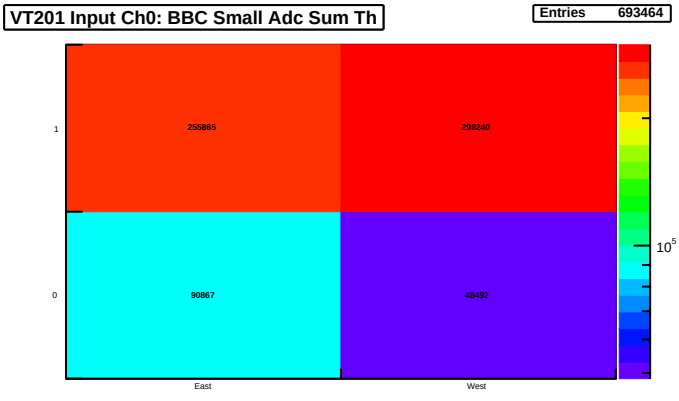
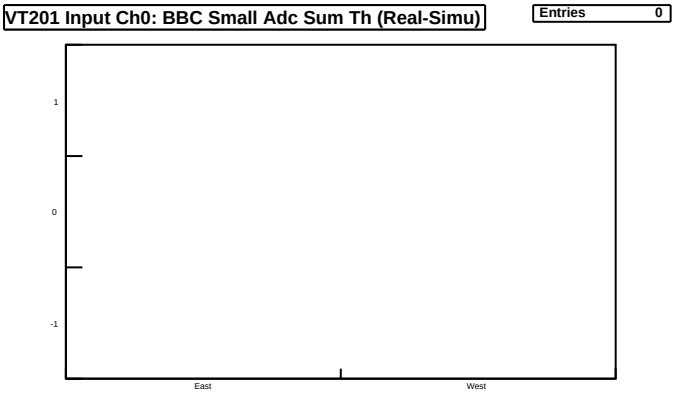
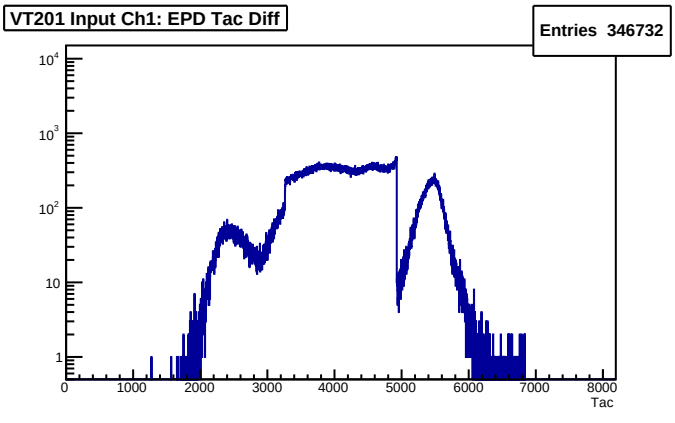
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

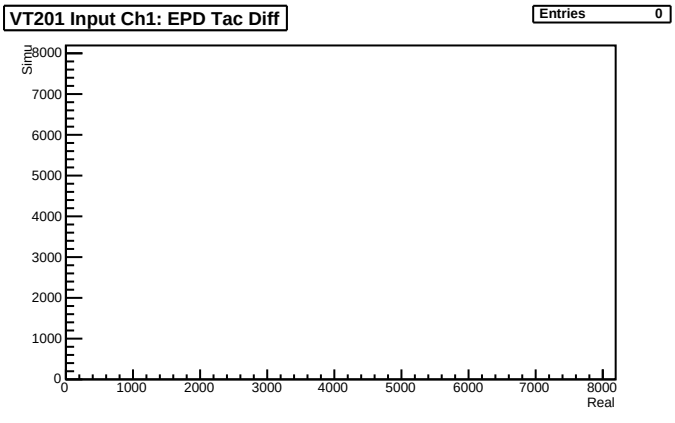

VT201 Input Ch0: BBC Small Tac Diff
Entries 346732
Tac

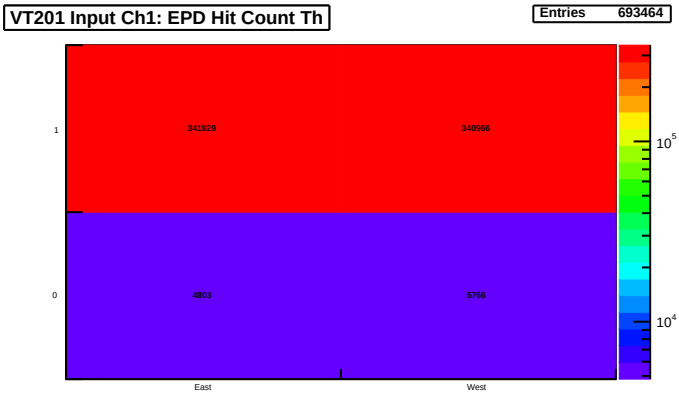

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

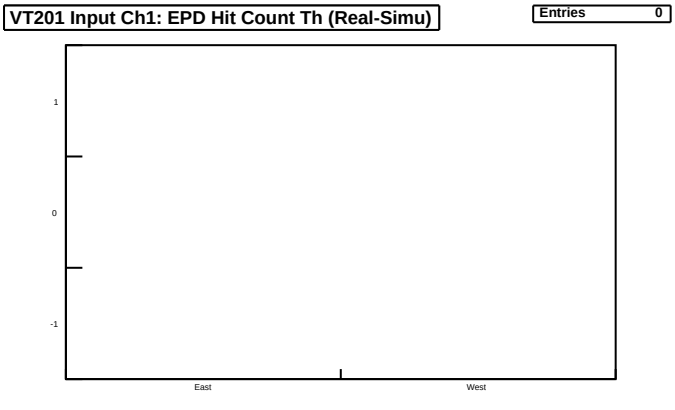

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 693464
255865
298240
90867
48492
East
West

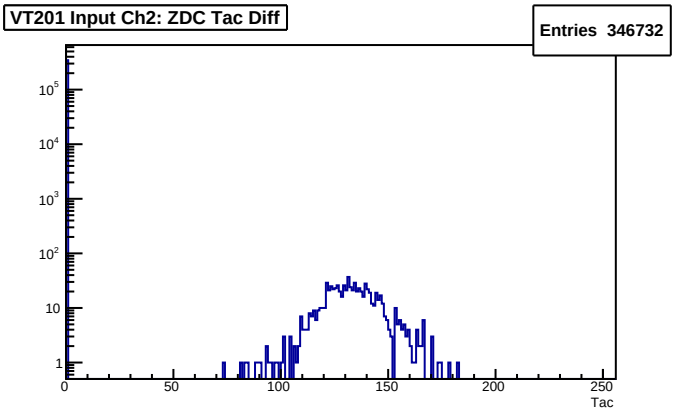

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

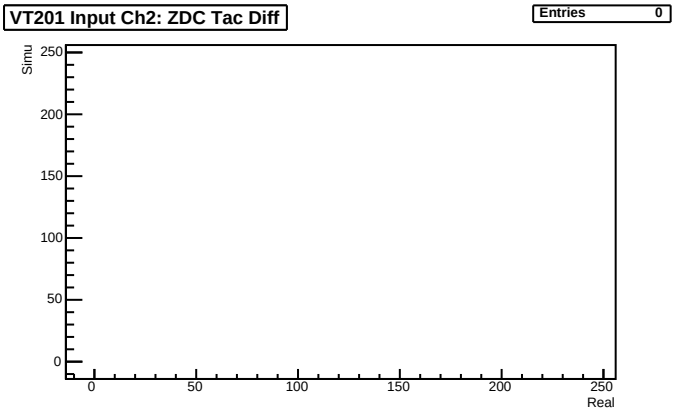

VT201 Input Ch1: EPD Tac Diff
Entries 346732
Tac

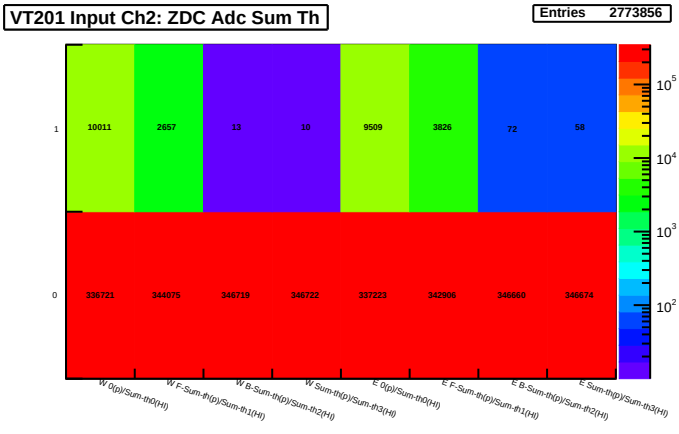

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

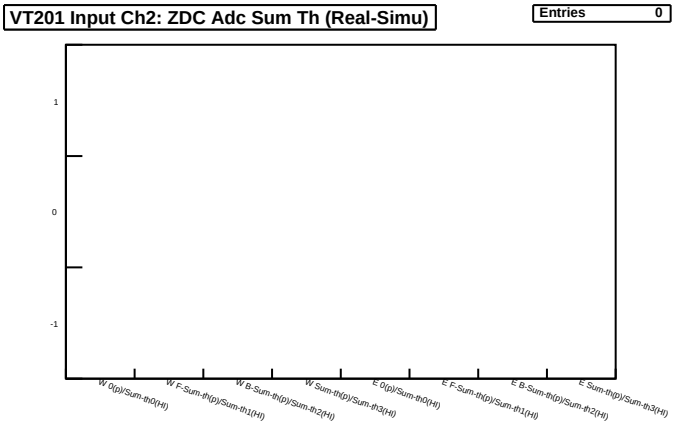

VT201 Input Ch1: EPD Hit Count Th
Entries 693464
341929
340966
4803
5766
East
West

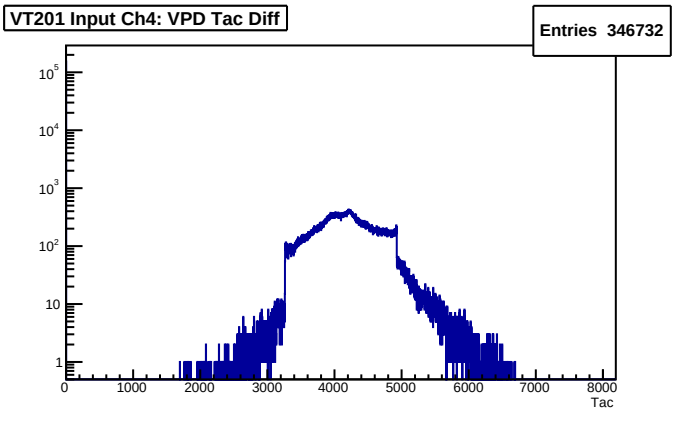

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

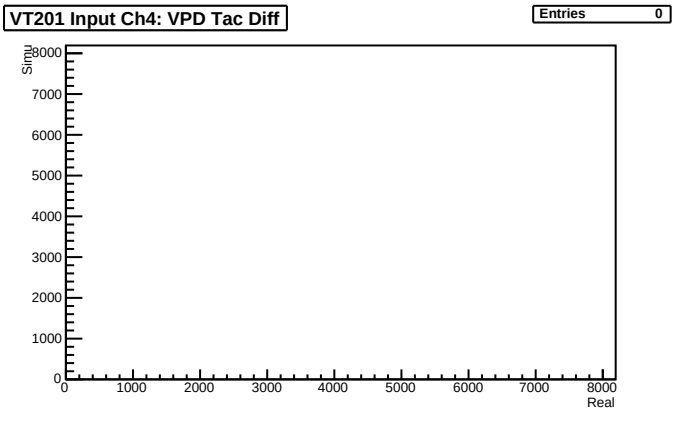

VT201 Input Ch2: ZDC Tac Diff
Entries 346732
Tac

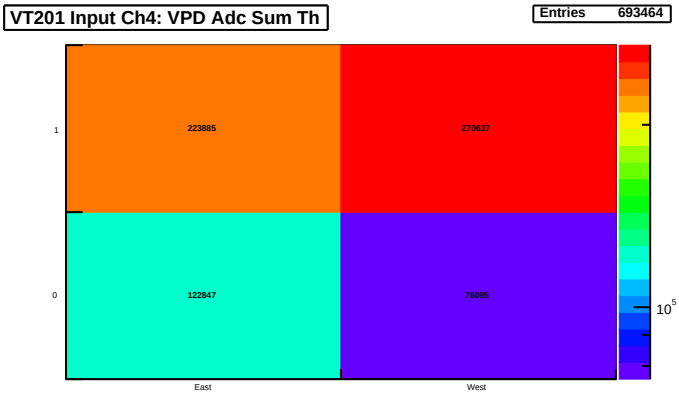

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

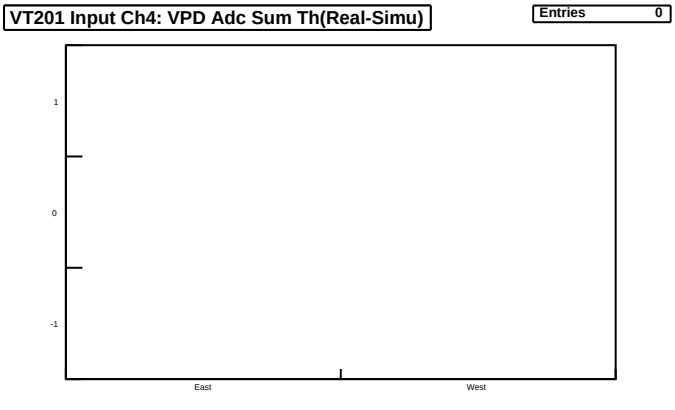

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2773856
10011
2657
13
10
9509
3826
72
58
336721
344075
346719
346722
337223
342906
346660
346674
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

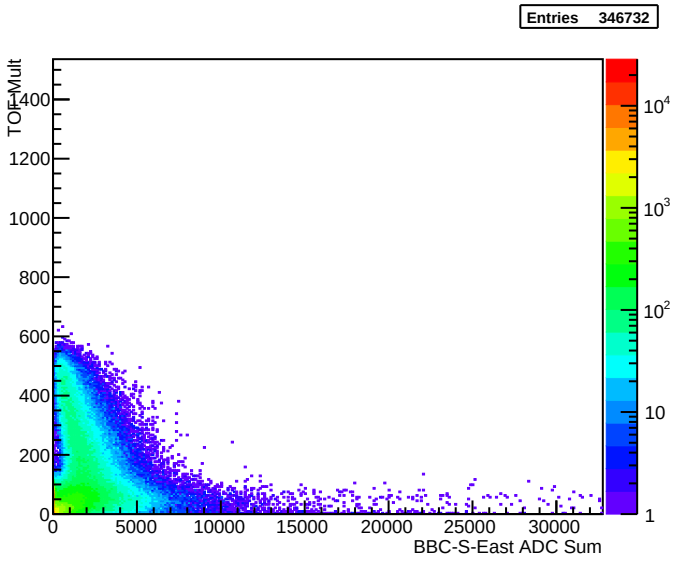

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

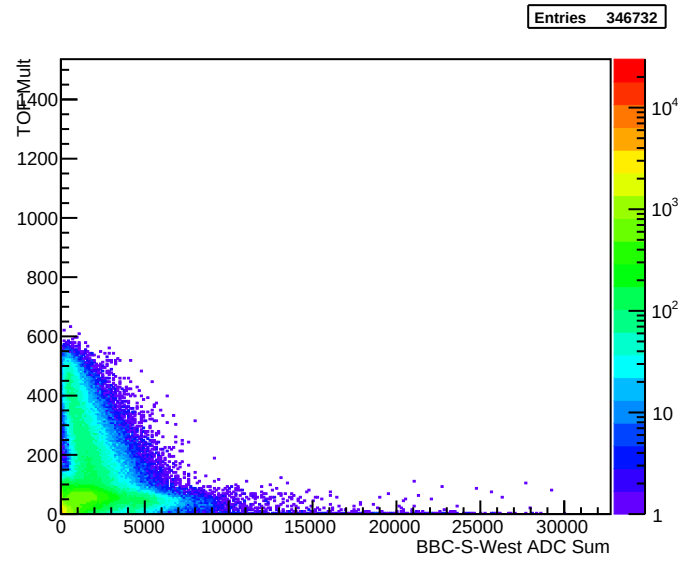

VT201 Input Ch4: VPD Tac Diff
Entries 346732
Tac

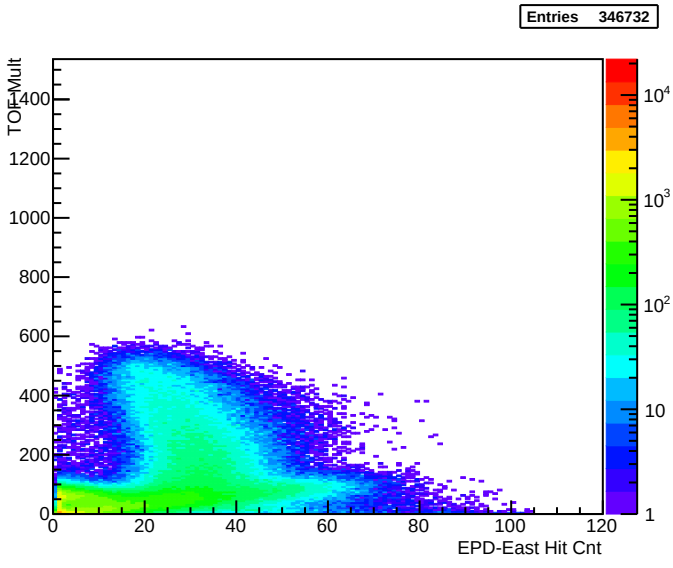

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

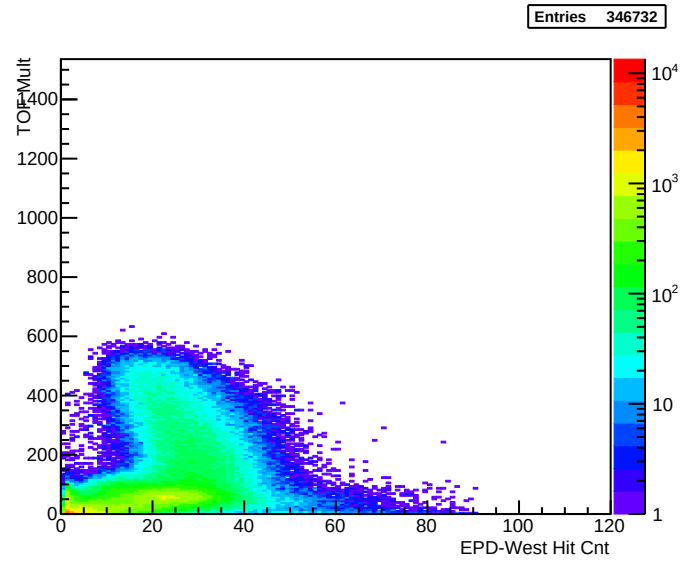

VT201 Input Ch4: VPD Adc Sum Th
Entries 693464
223885
270637
122847
76095
East
West

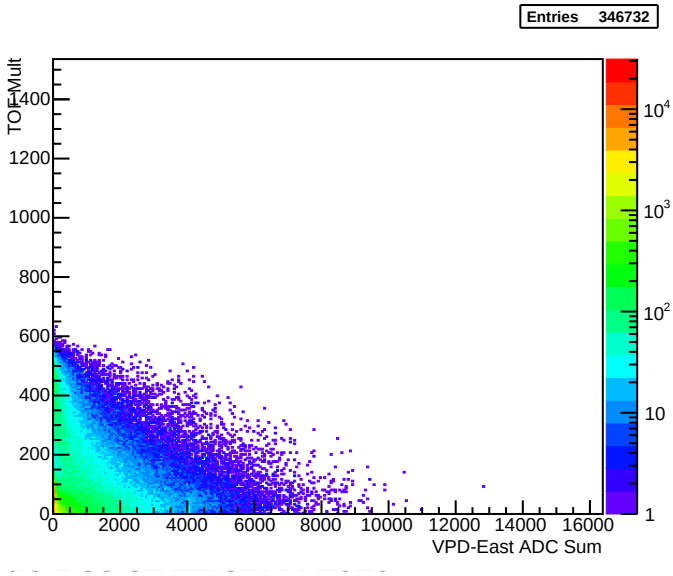

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

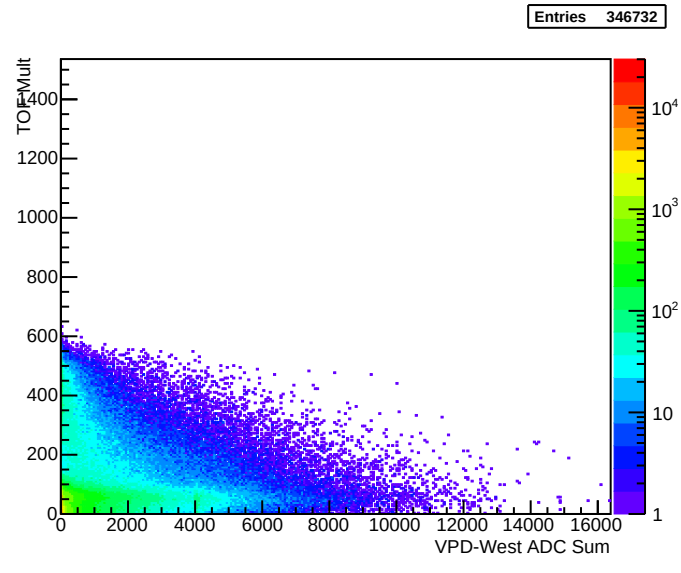

Entries 346732
TOF-Mult
BBC-S-East ADC Sum

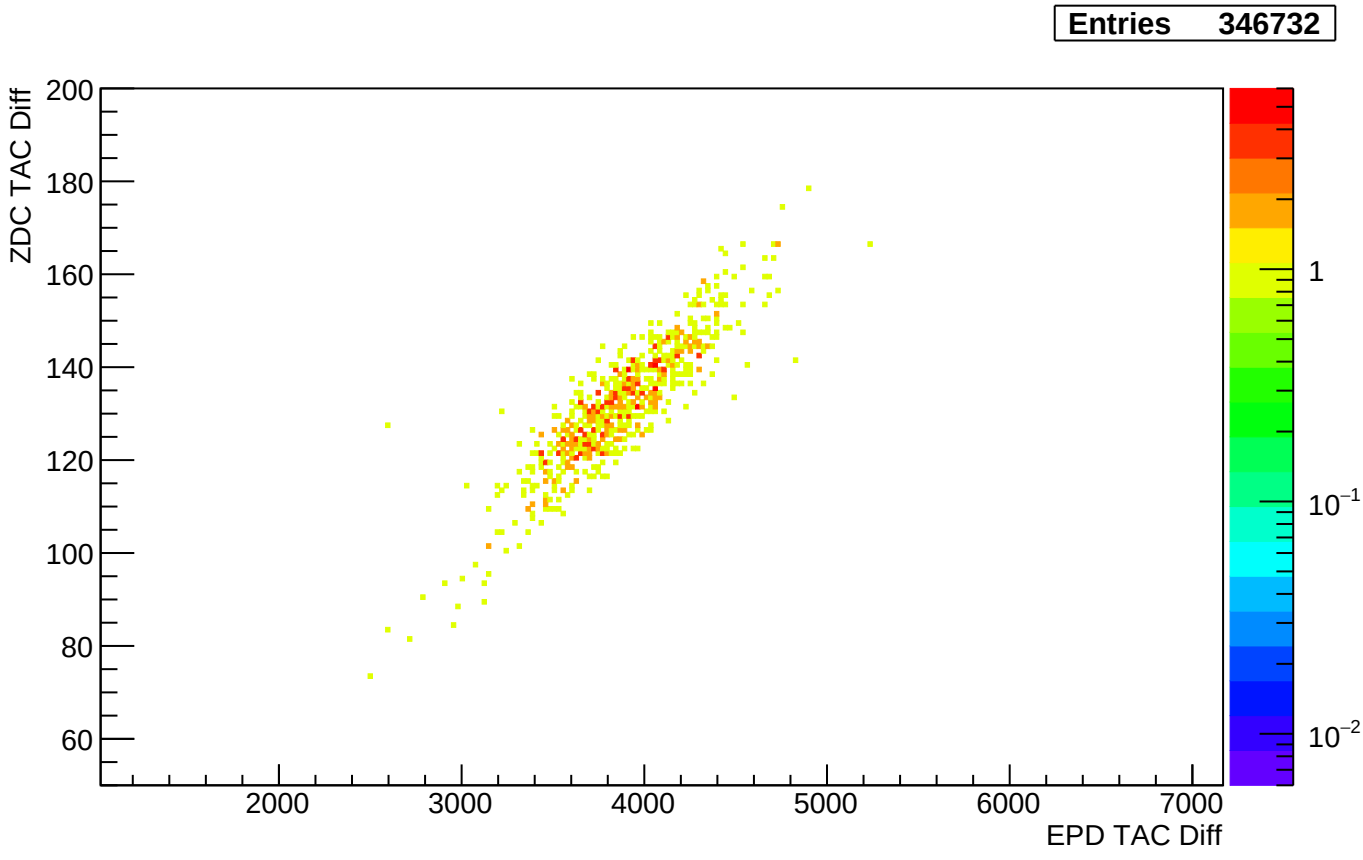

Entries 346732
TOF-Mult
BBC-S-West ADC Sum

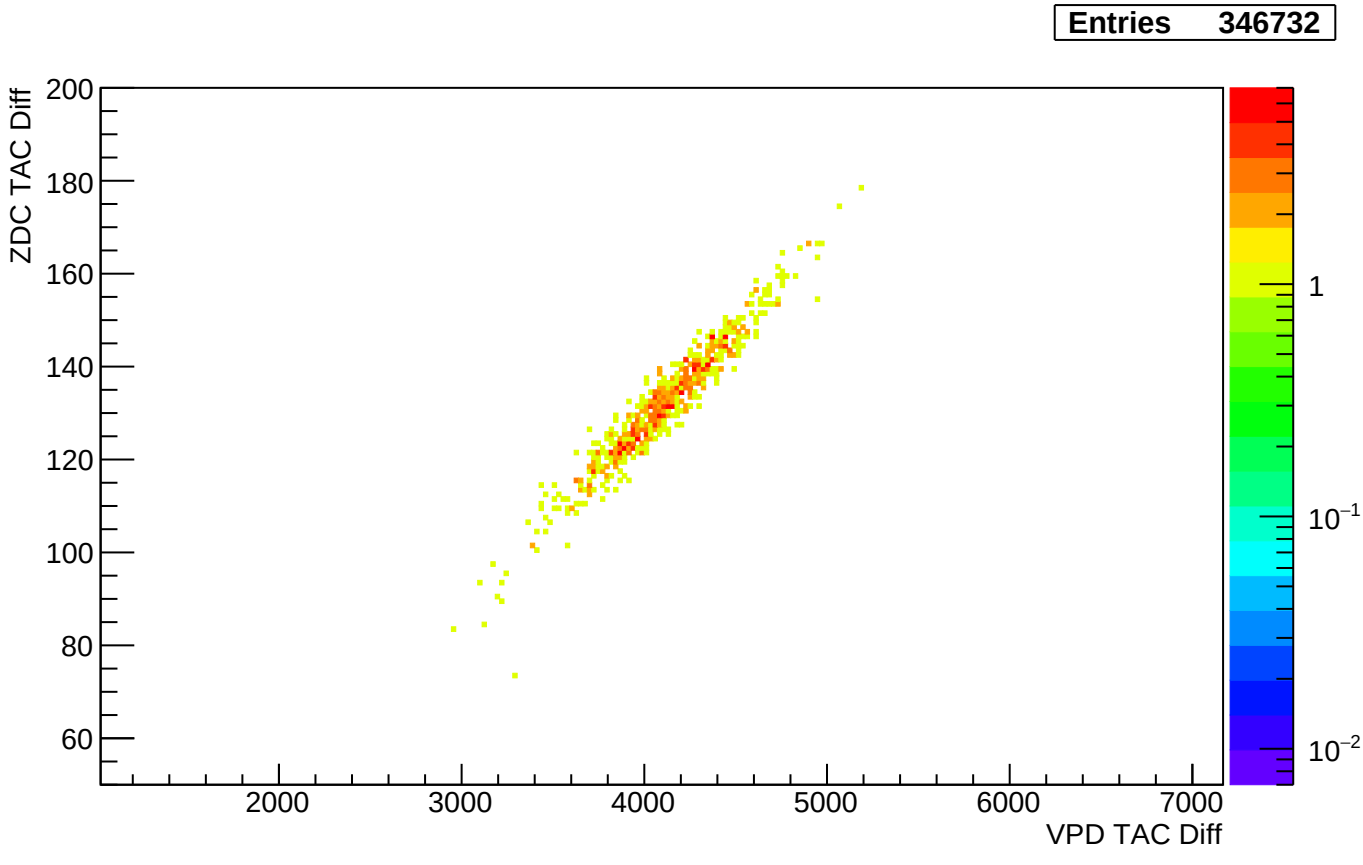

Entries 346732
TOF-Mult
EPD-East Hit Cnt

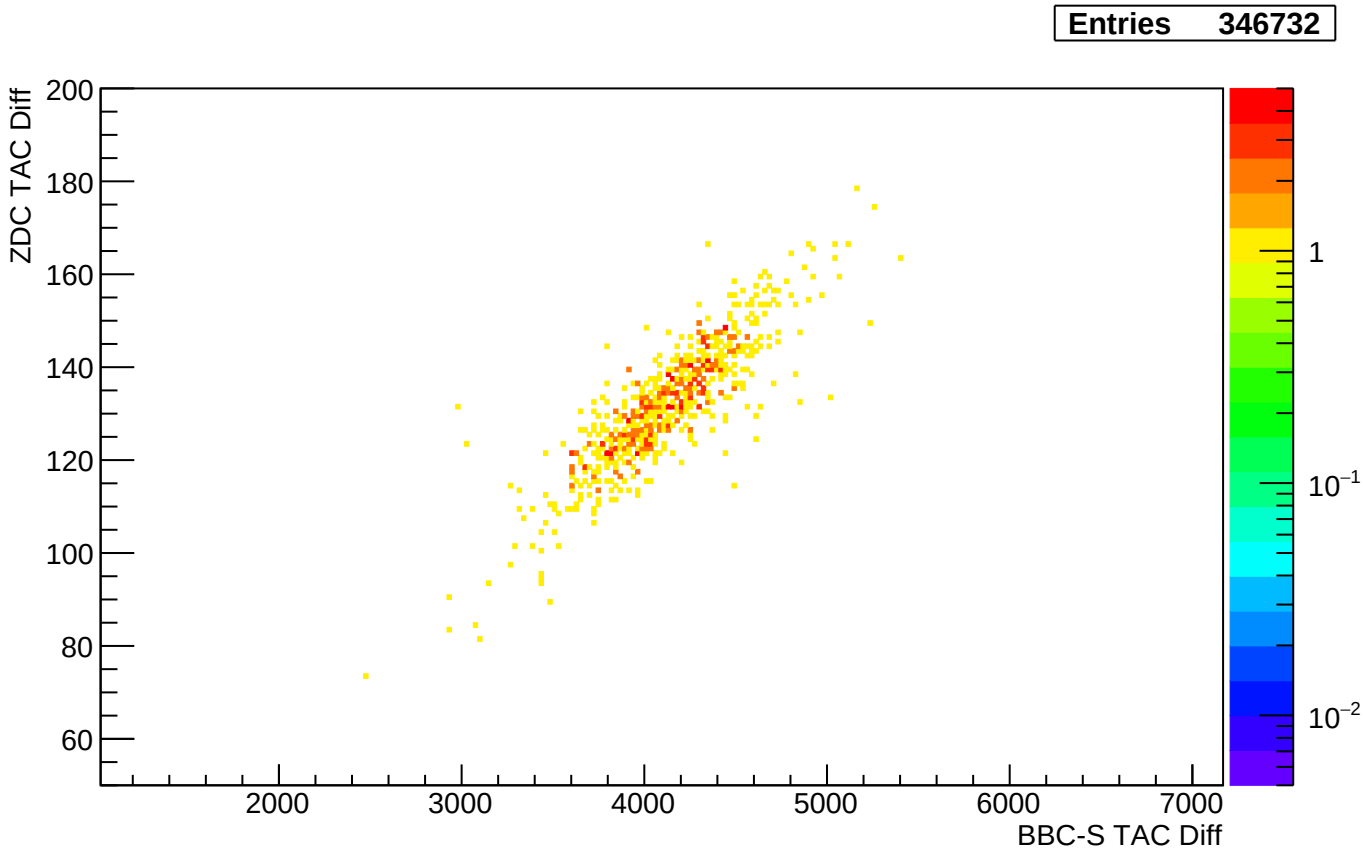

Entries 346732
TOF-Mult
EPD-West Hit Cnt

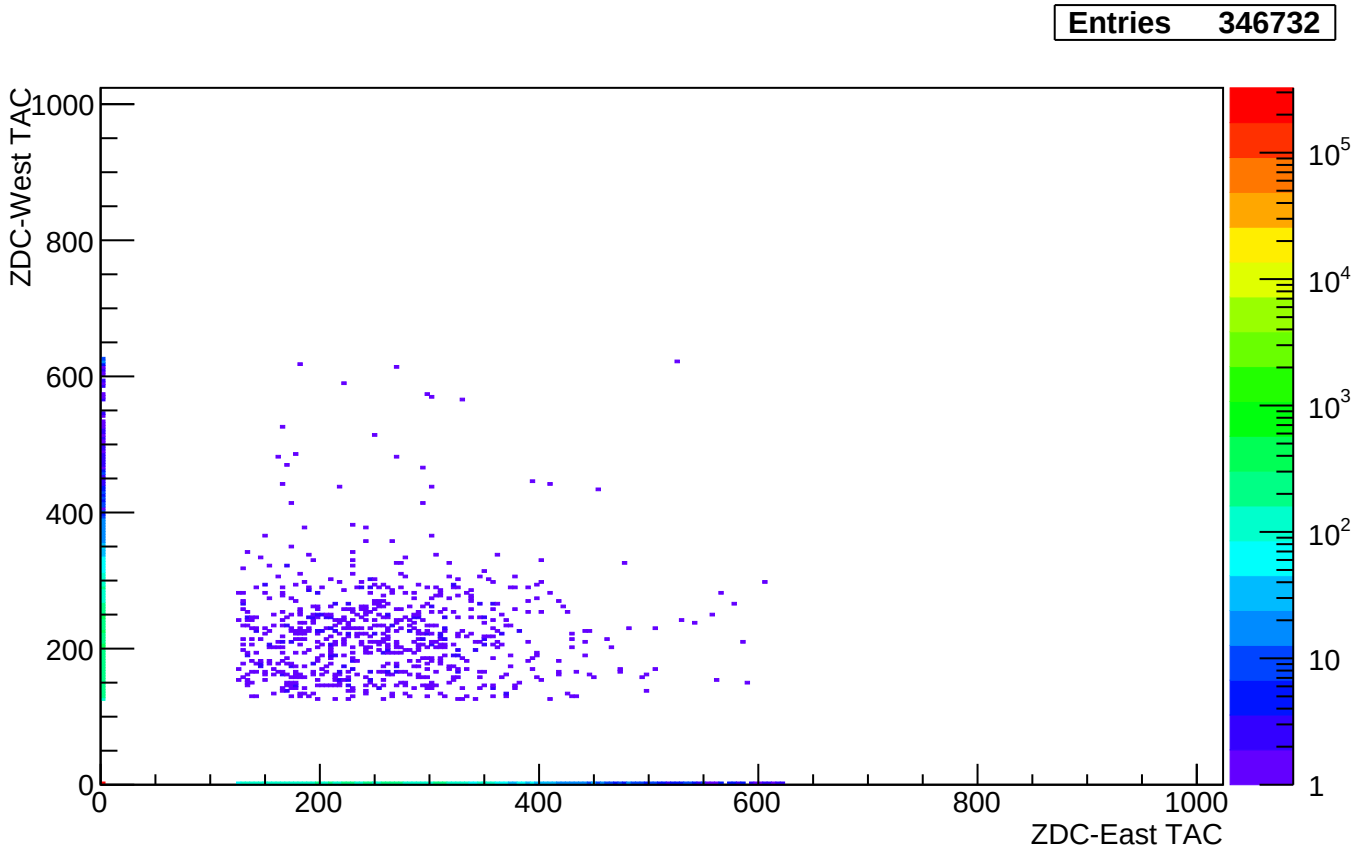

Entries 346732
TOF-Mult
VPD-East ADC Sum

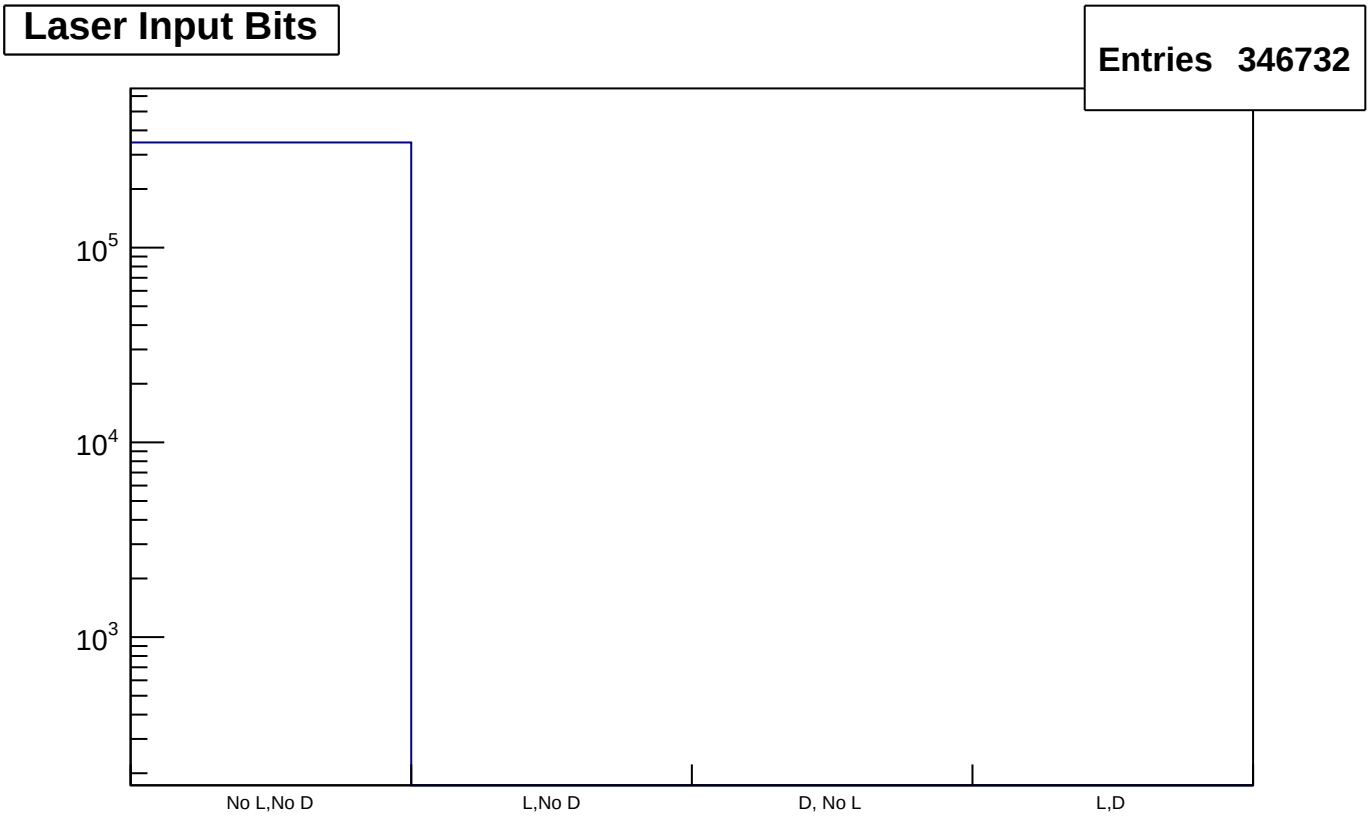

Entries 346732
TOF-Mult
VPD-West ADC Sum

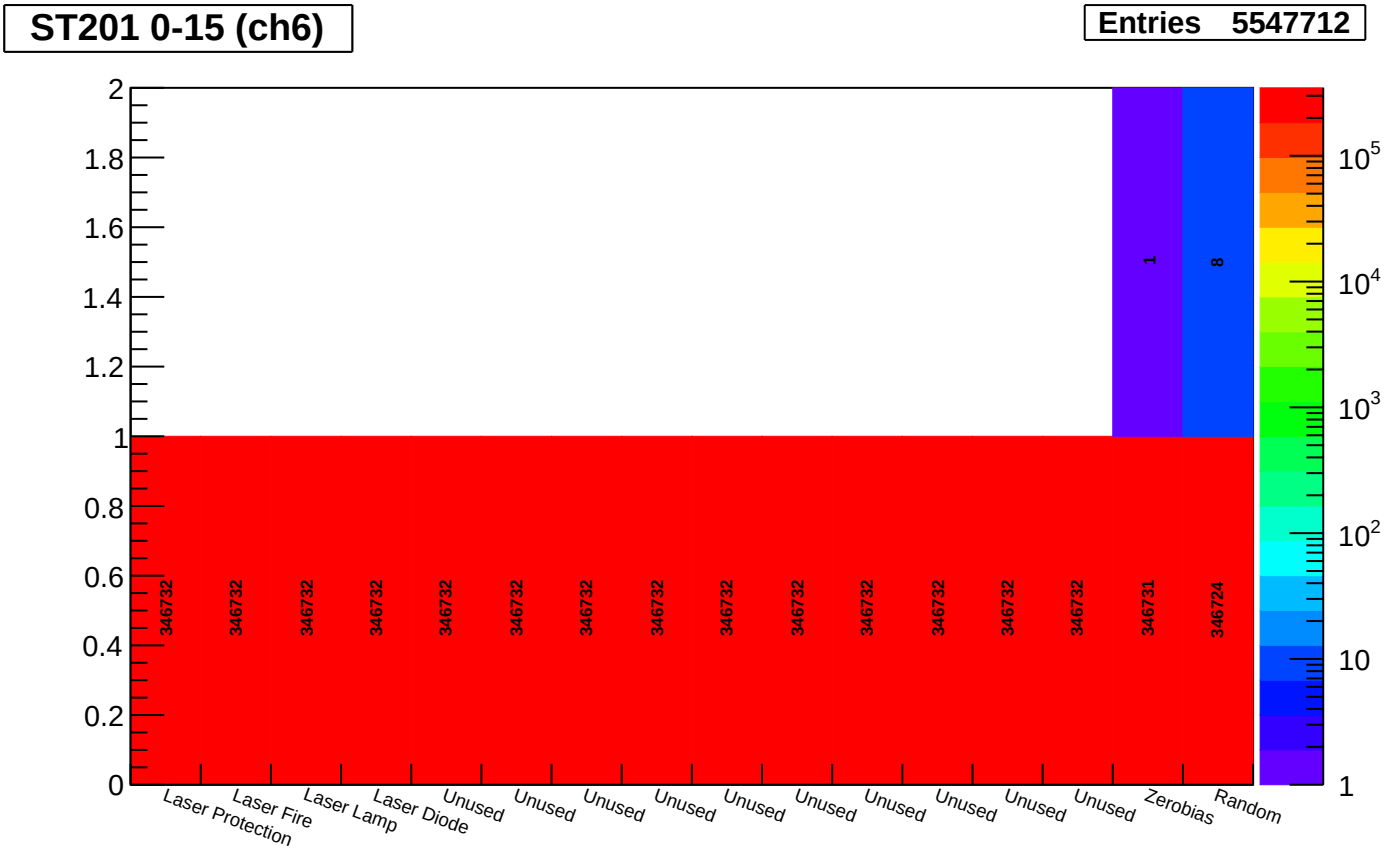

Entries 346732
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

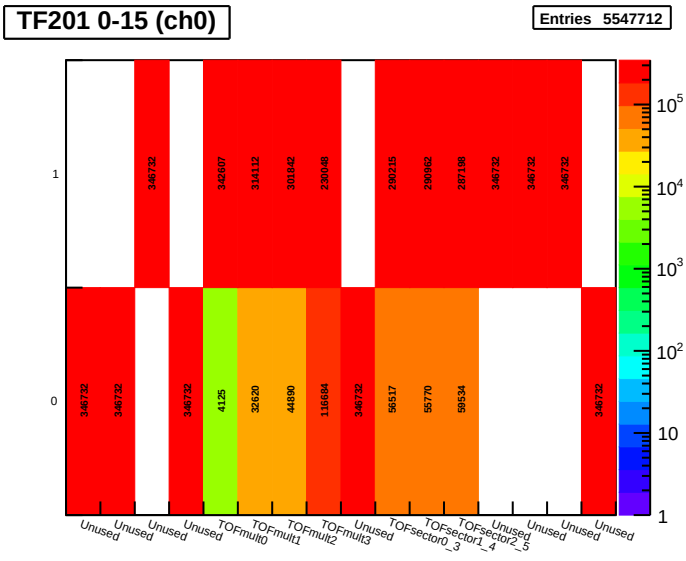

Entries 346732
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

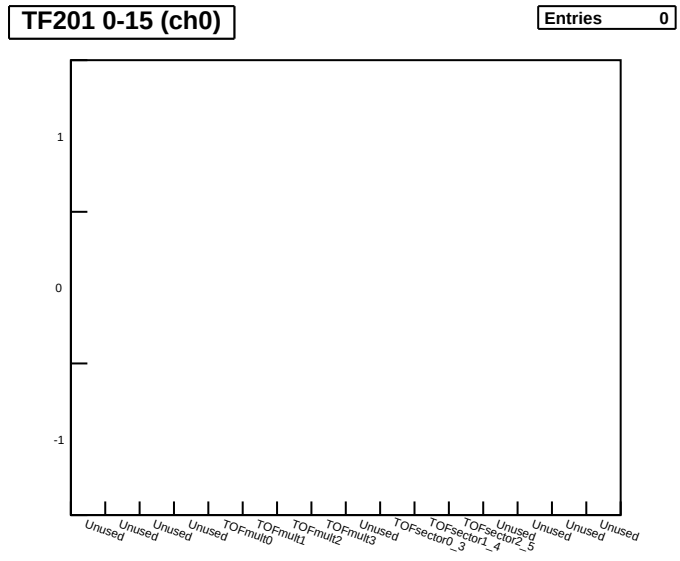

Entries 346732
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

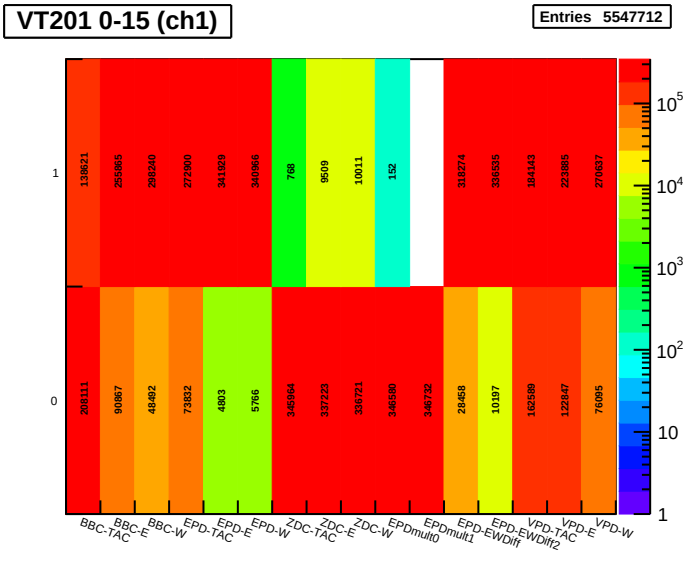

Entries 346732
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

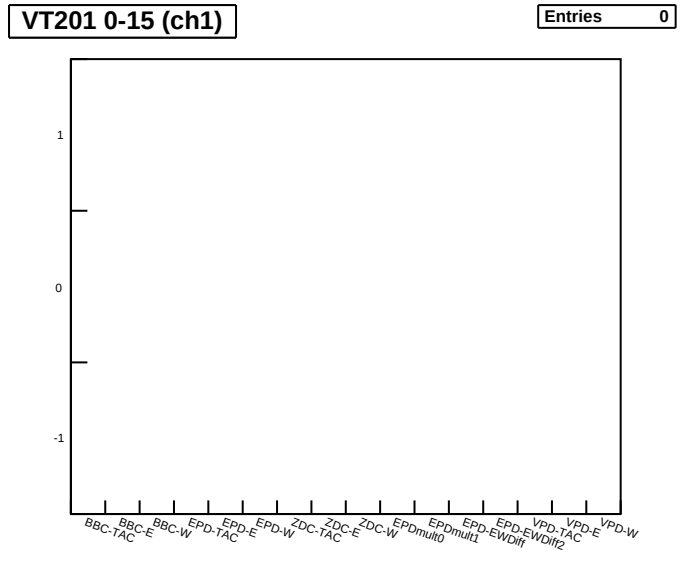

Laser Input Bits
Entries 346732
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

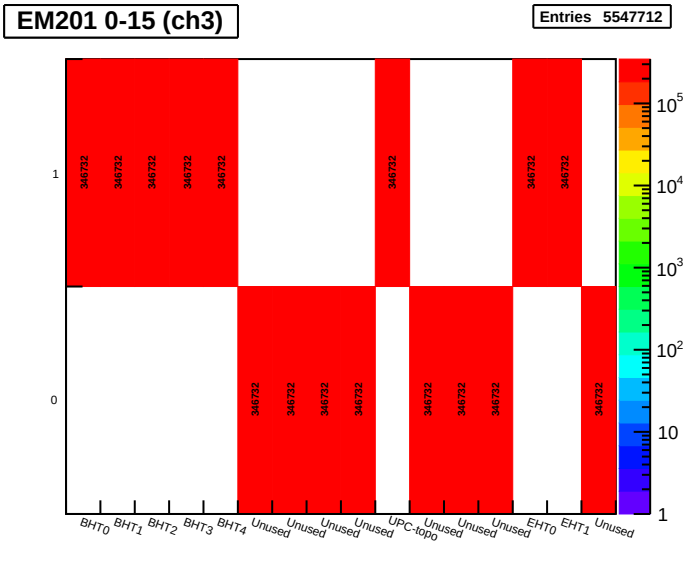

ST201 0-15 (ch6)
Entries 5547712
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
346732
346732
346732
346732
346732
346732
346732
346732
346732
346732
346732
346732
346732
346732
346731
346724
1
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

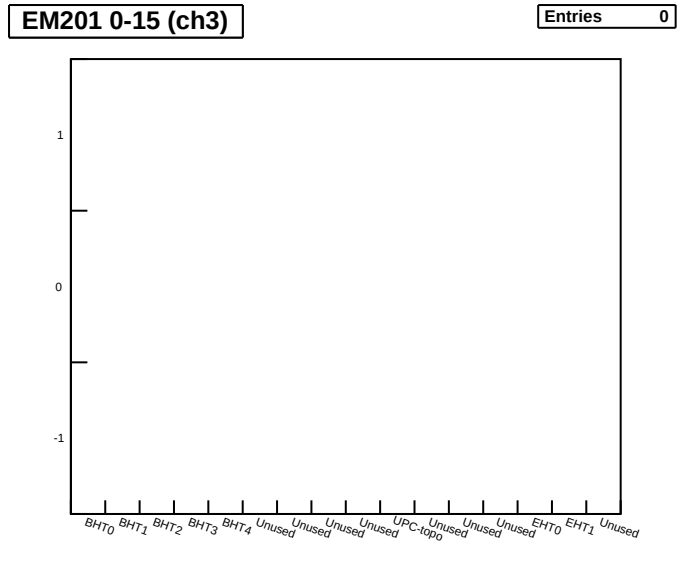

TF201 0-15 (ch0)
Entries 5547712
1
0
346732
342607
314112
301842
230048
290215
290962
287198
346732
346732
346732
346732
346732
4125
32620
44890
116684
346732
56517
55770
59534
346732
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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


VT201 0-15 (ch1)
Entries 5547712
1
0
138621
255855
298240
272900
341929
340956
768
9509
10011
152
318274
336535
184143
223885
270637
208111
90867
48492
73832
4803
5766
345964
337223
336721
346580
346732
28458
10197
162589
122847
76095
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 5547712
1
0
346732
346732
346732
346732
346732
346732
346732
346732
346732
346732
346732
346732
346732
346732
346732
346732
346732
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