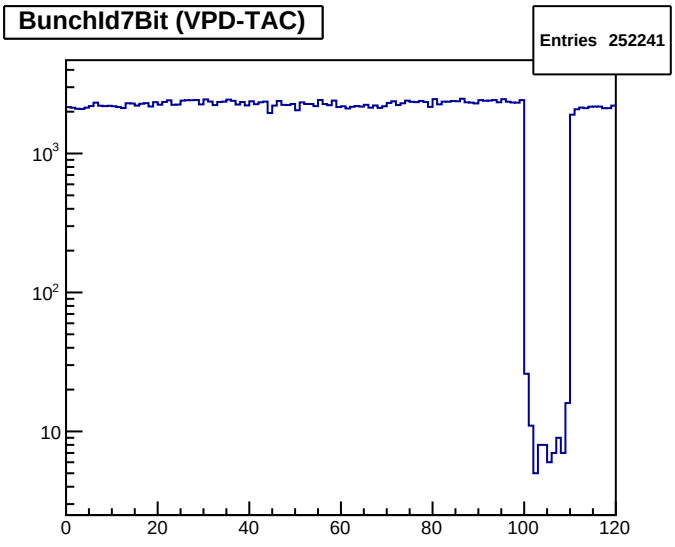
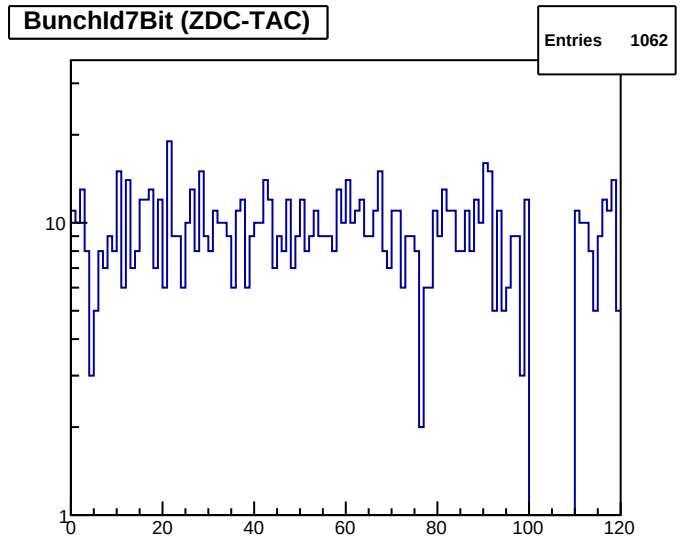
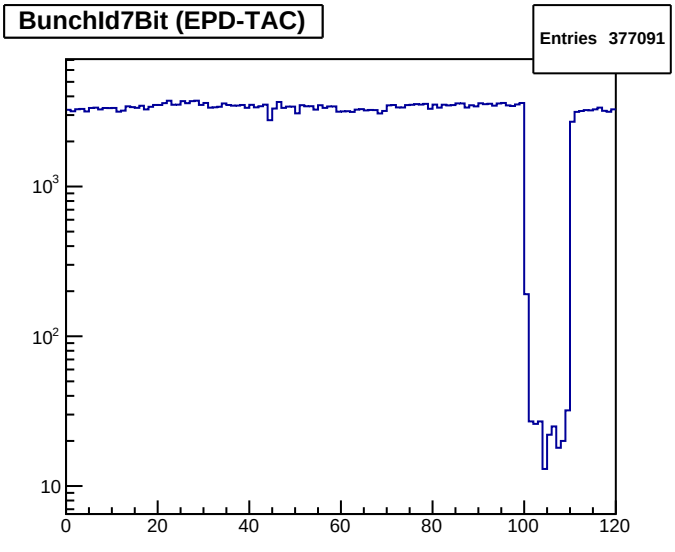
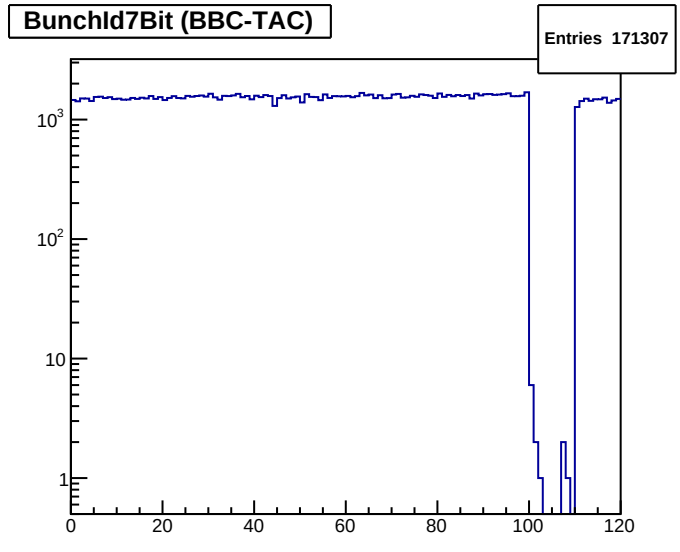
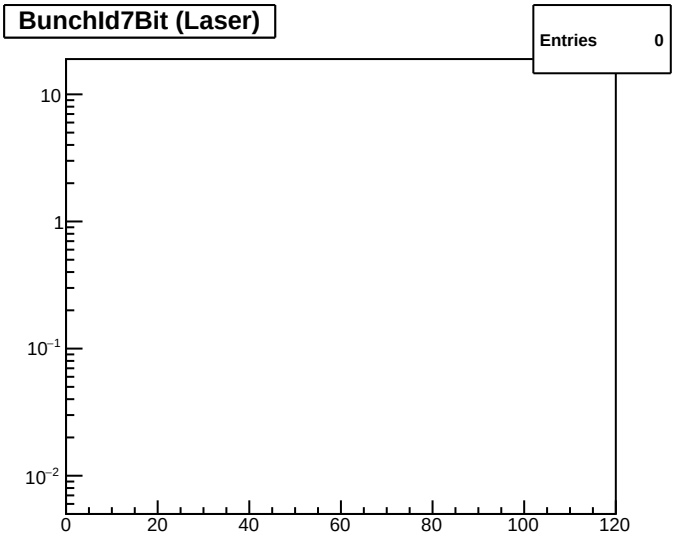
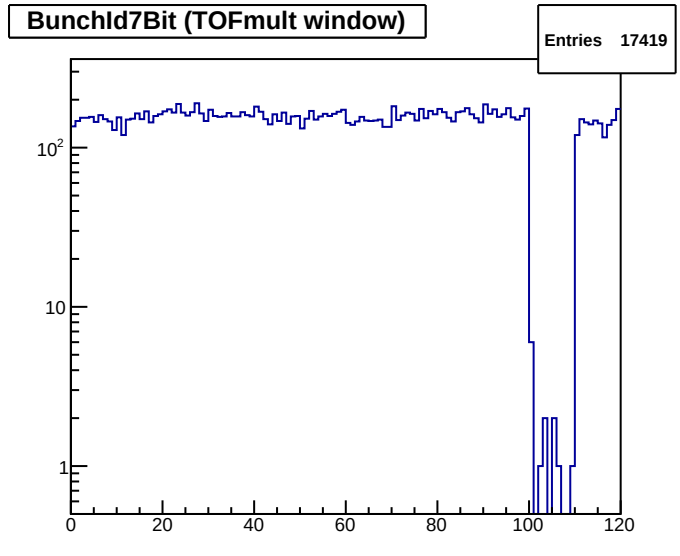

BunchId7Bit (VPD-TAC)
Entries 252241

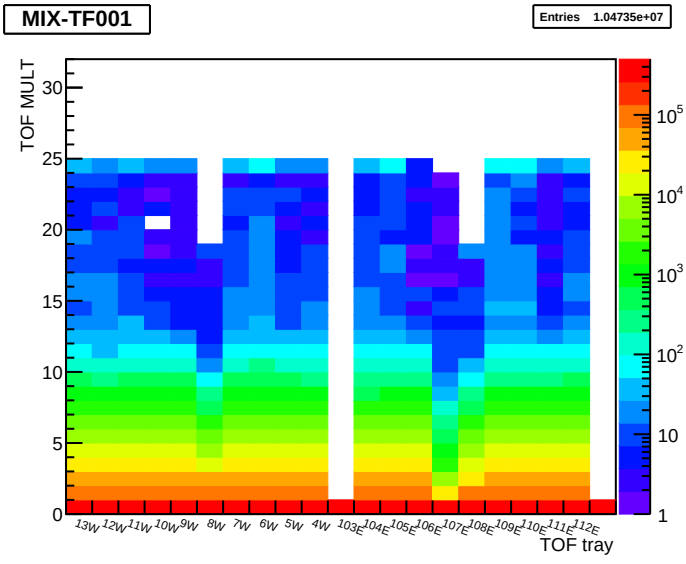

BunchId7Bit (ZDC-TAC)
Entries 1062

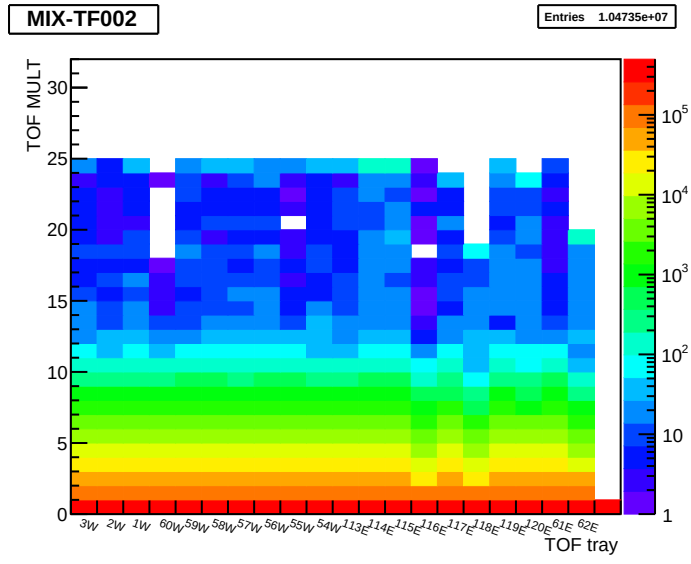

BunchId7Bit (EPD-TAC)
Entries 377091

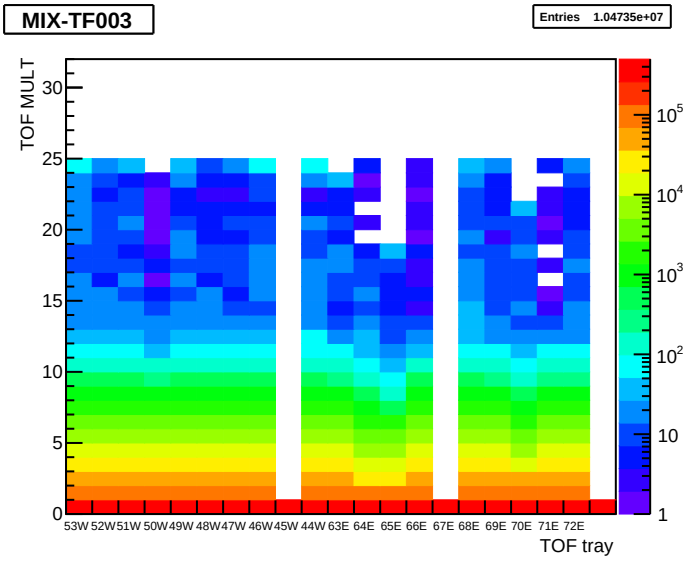

BunchId7Bit (BBC-TAC)
Entries 171307

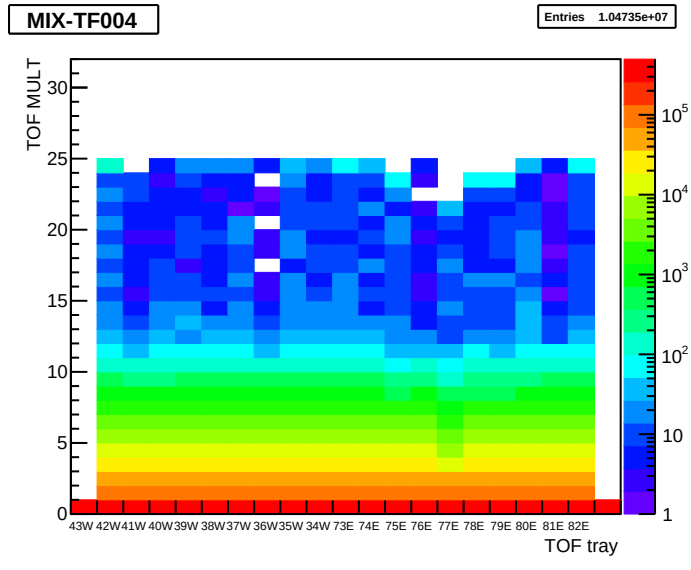

BunchId7Bit (Laser)
Entries 0

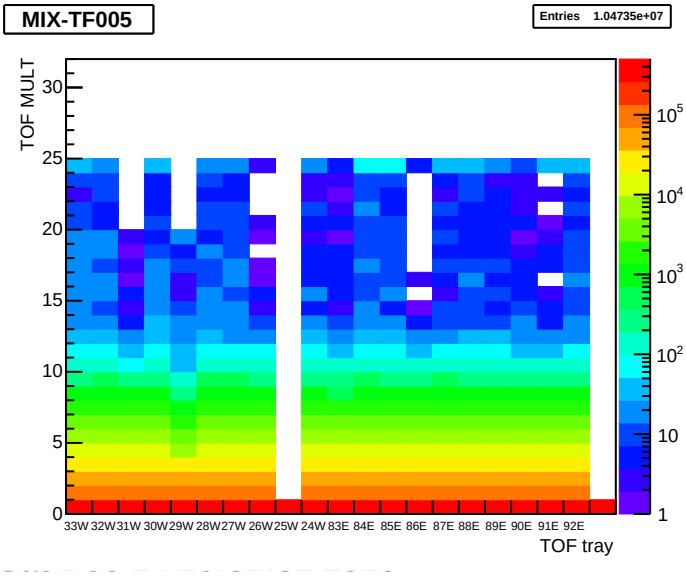

BunchId7Bit (TOFmult window)
Entries 17419

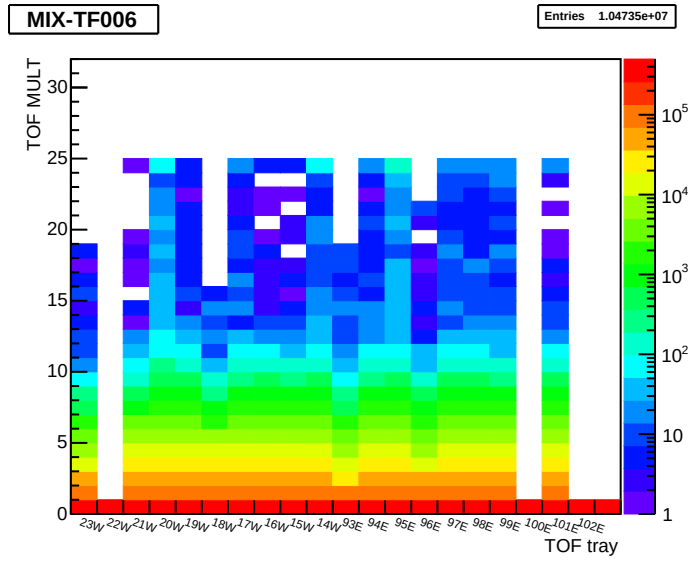

MIX-TF001
Entries 1.04735e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

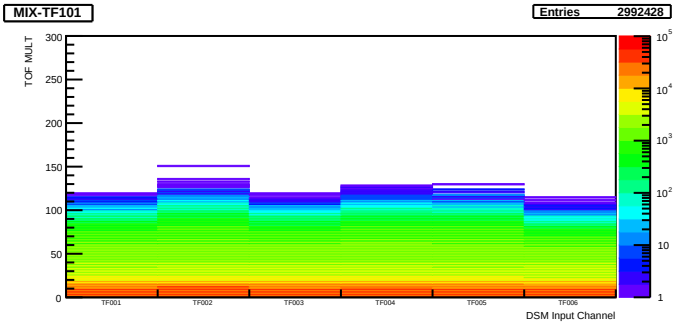

MIX-TF002
Entries 1.04735e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

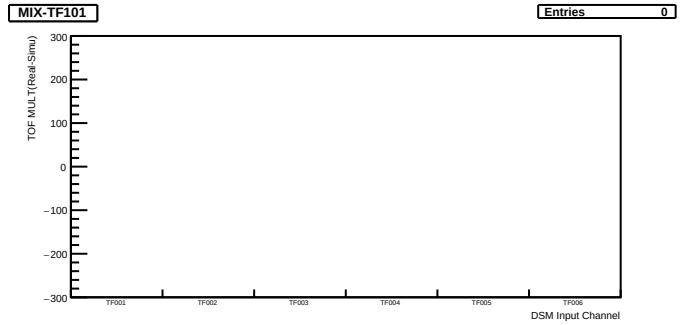

MIX-TF003
Entries 1.04735e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

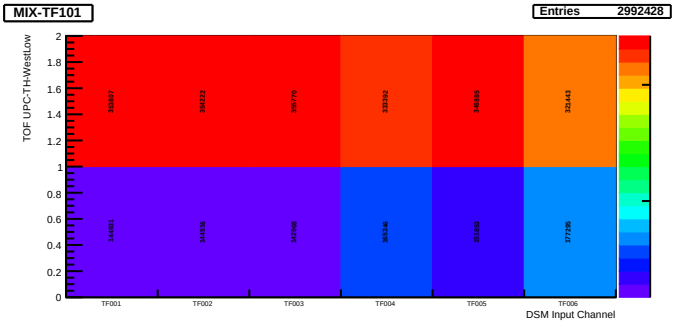

MIX-TF004
Entries 1.04735e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

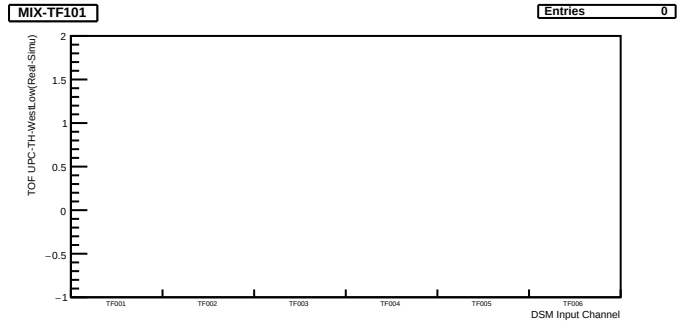

MIX-TF005
Entries 1.04735e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

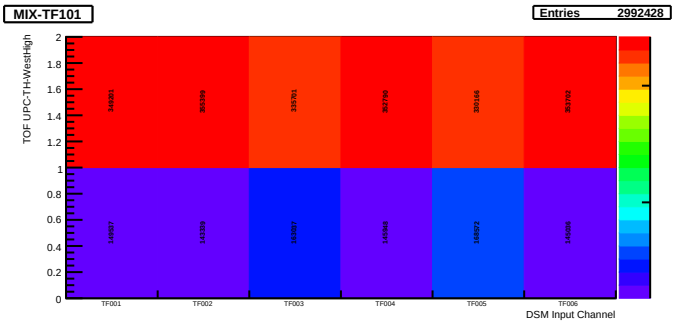

MIX-TF006
Entries 1.04735e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

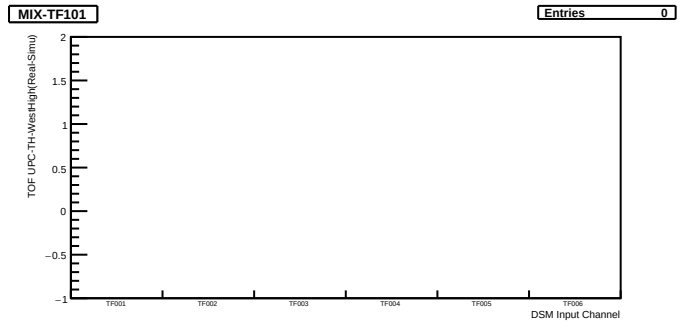

MIX-TF101
Entries 2992428
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

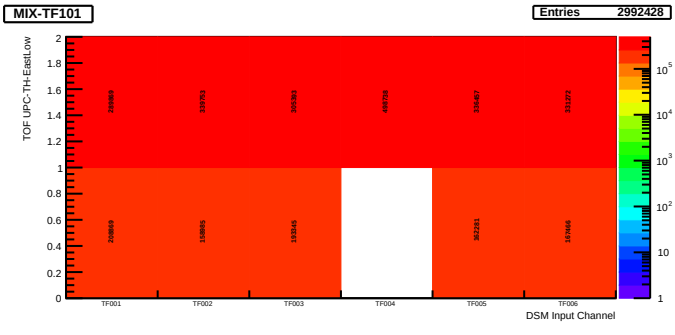

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

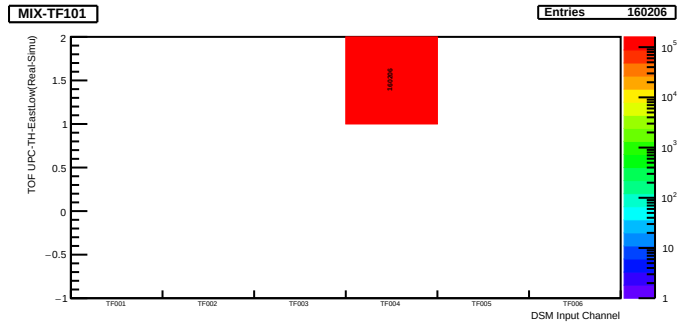

MIX-TF101
Entries 2992428
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

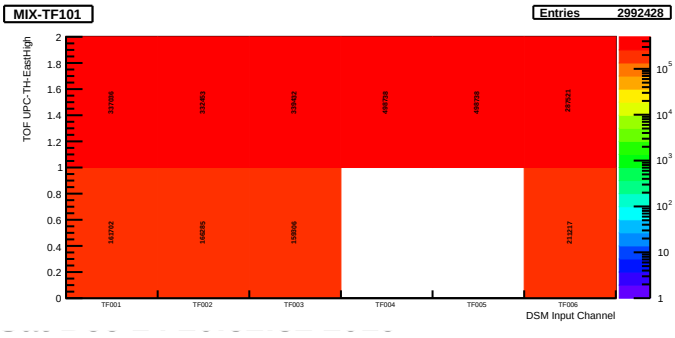

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

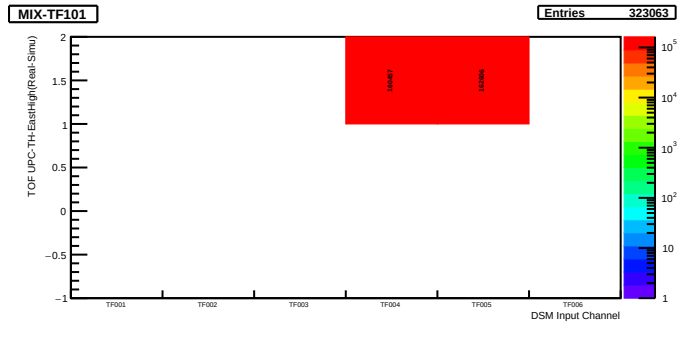

MIX-TF101
Entries 2992428
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

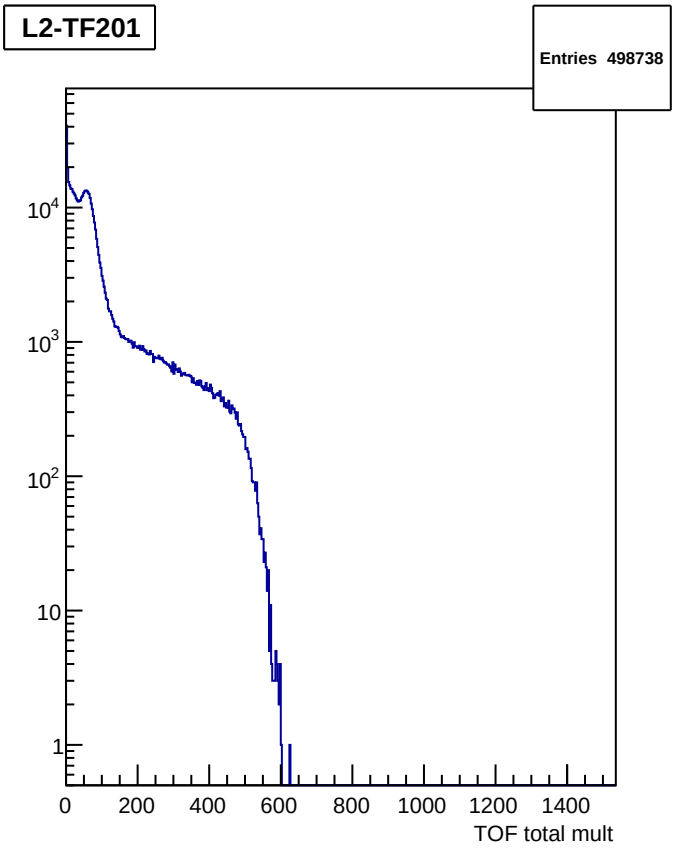

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

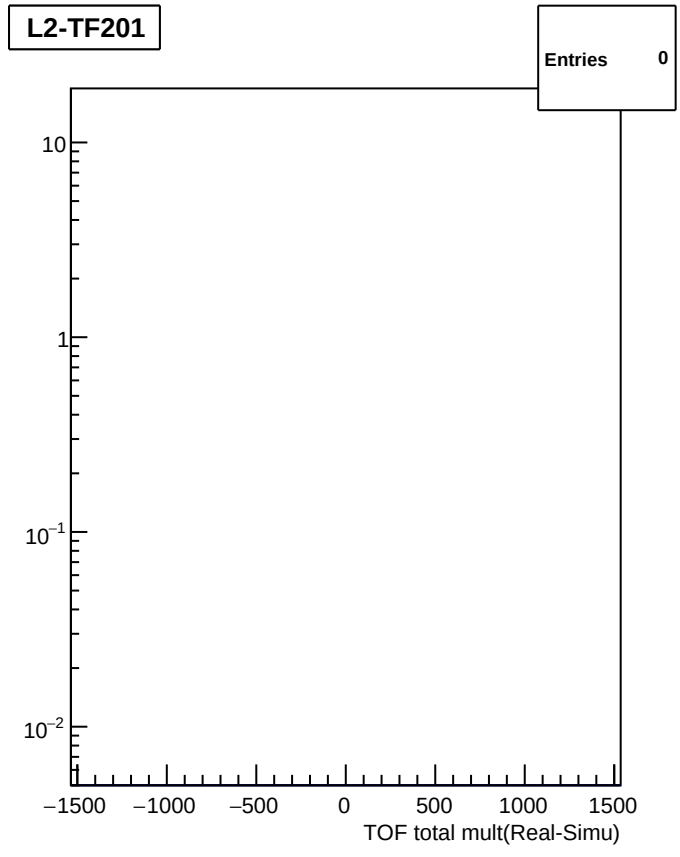

MIX-TF101
Entries 2992428
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

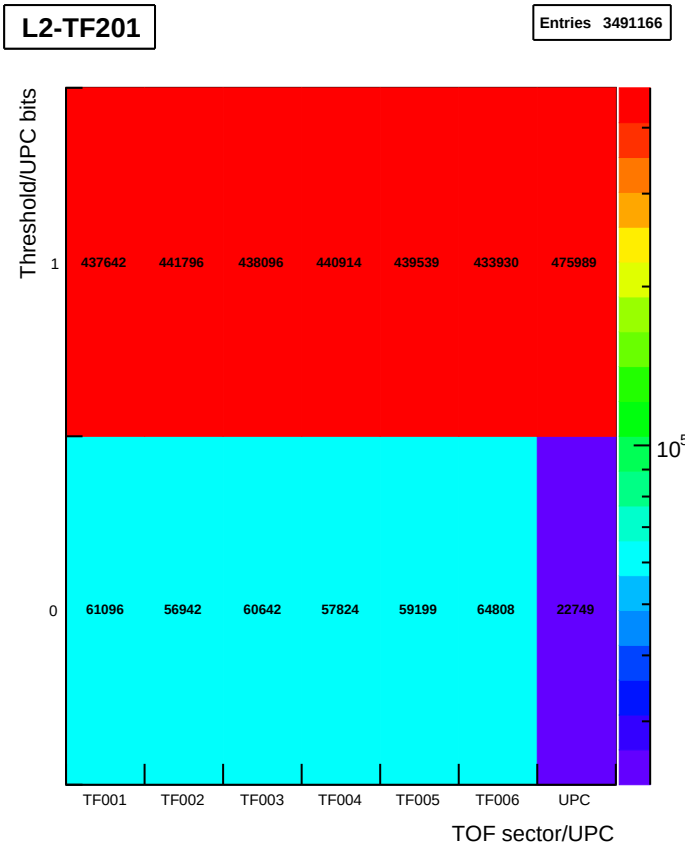

MIX-TF101
Entries 160206
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

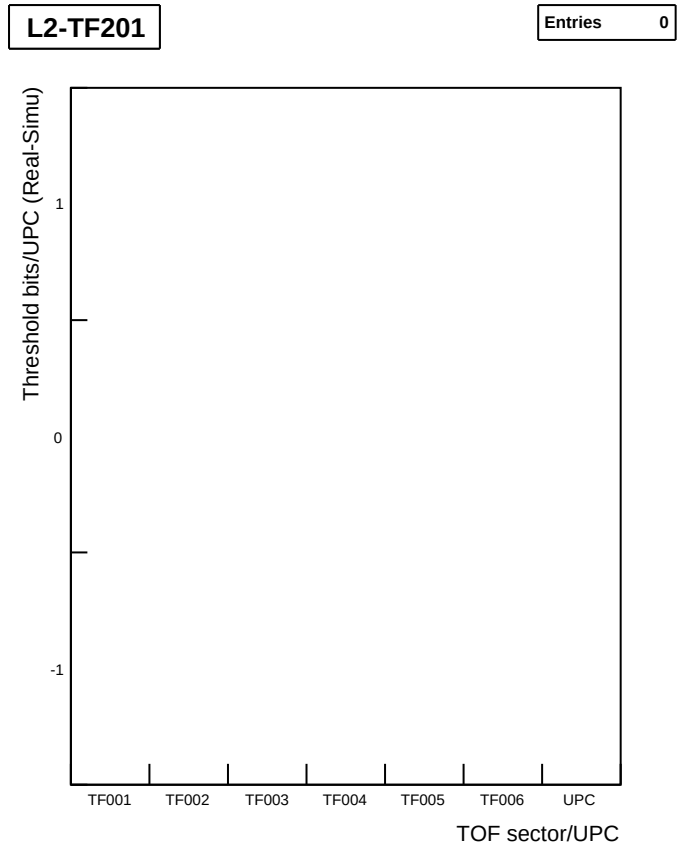

MIX-TF101
Entries 2992428
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

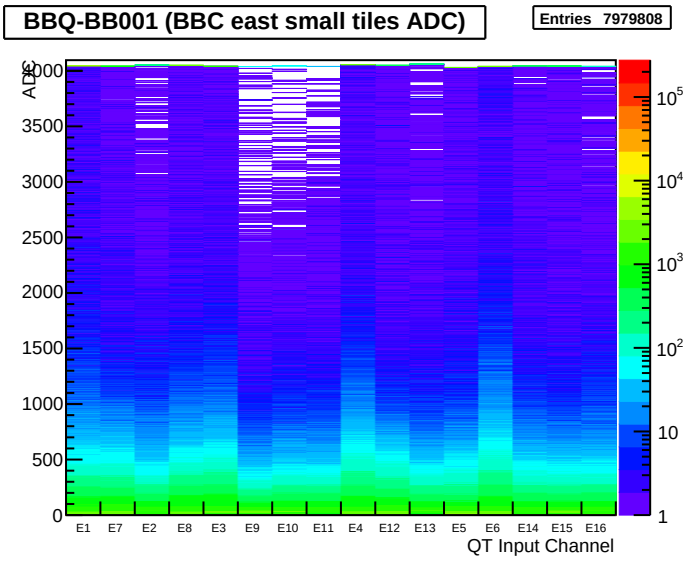

MIX-TF101
Entries 323063
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

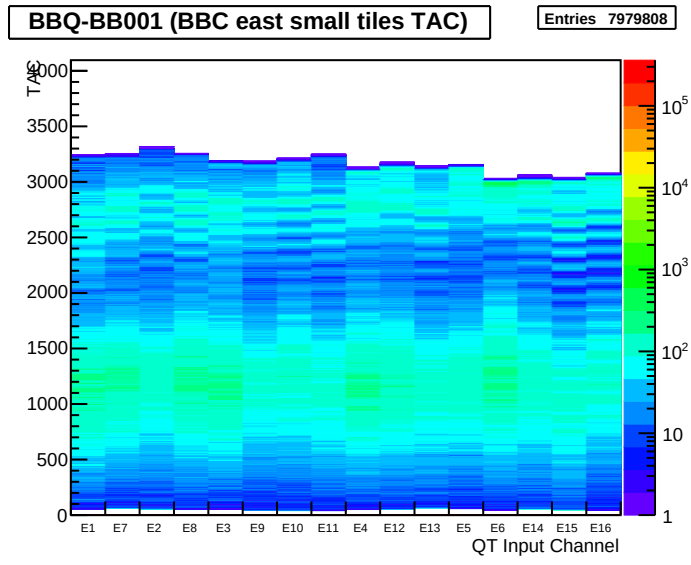

L2-TF201
Entries 498738
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

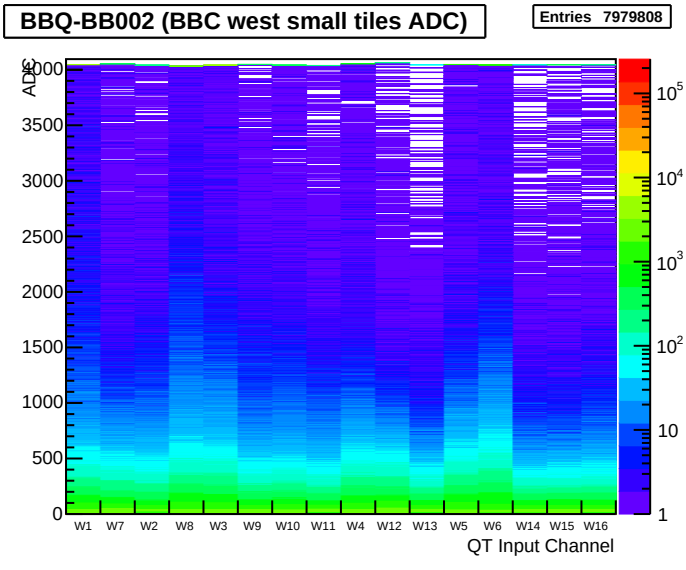

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

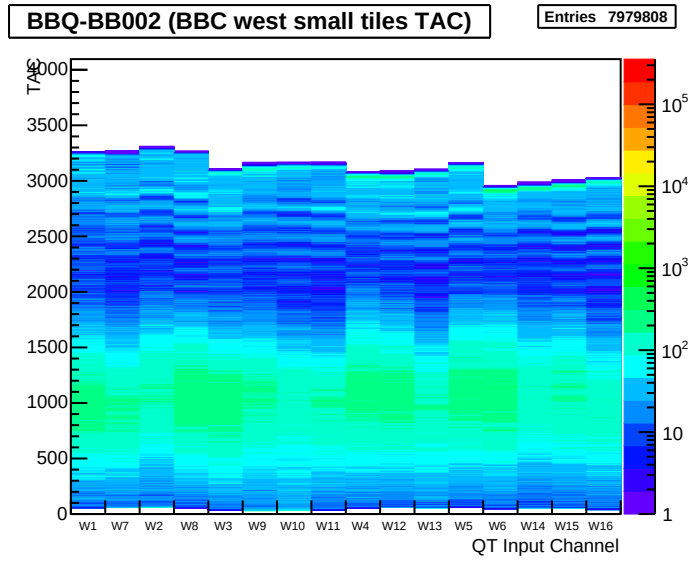

L2-TF201
Entries 3491166
Threshold/UPC bits
1
0
437642
441796
438096
440914
439539
433930
475989
61096
56942
60642
57824
59199
64808
22749
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

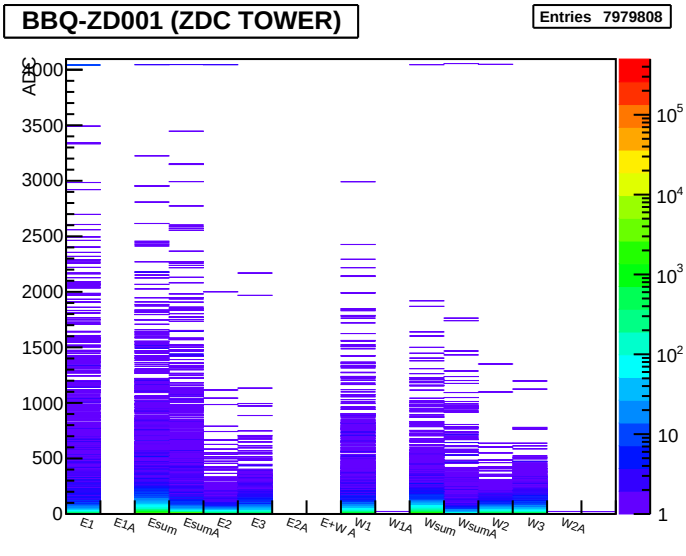

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

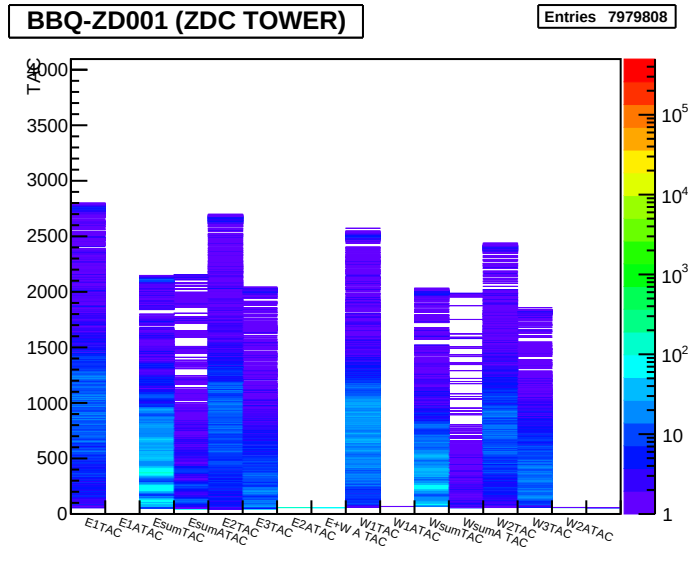

BBQ-BB001 (BBC east small tiles ADC)
Entries 7979808
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

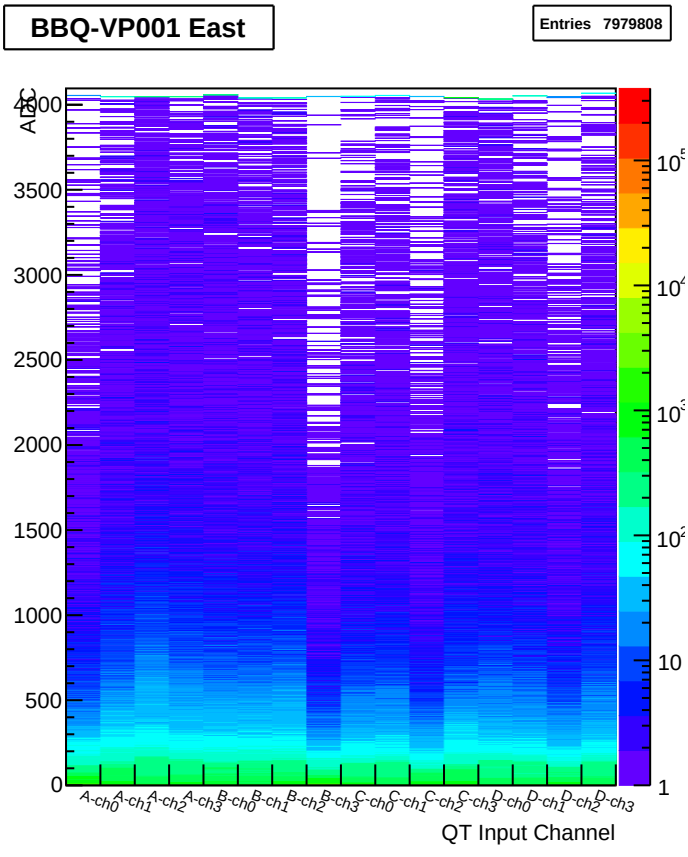

BBQ-BB001 (BBC east small tiles TAC)
Entries 7979808
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

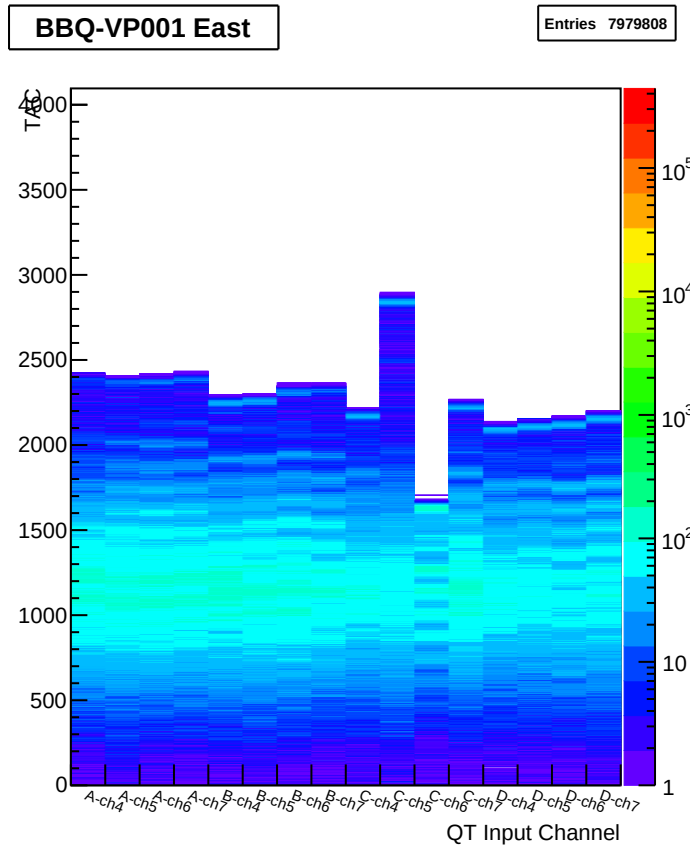

BBQ-BB002 (BBC west small tiles ADC)
Entries 7979808
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

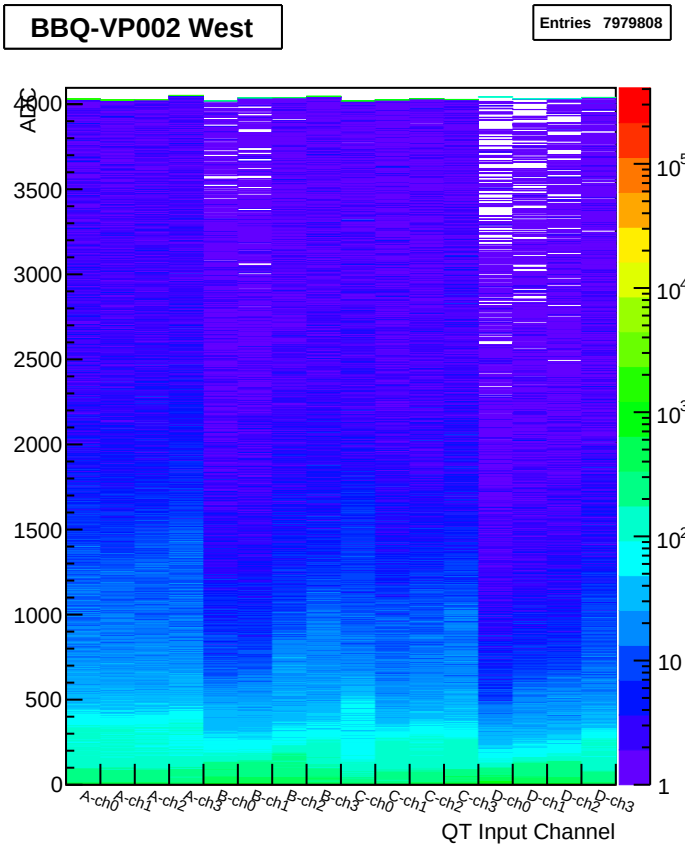

BBQ-BB002 (BBC west small tiles TAC)
Entries 7979808
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

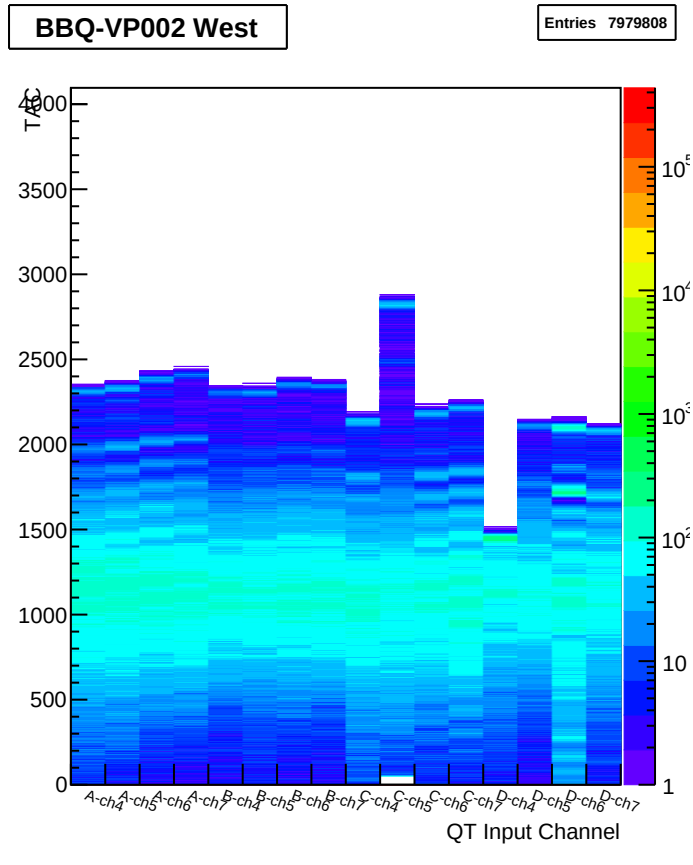

BBQ-ZD001 (ZDC TOWER)
Entries 7979808
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

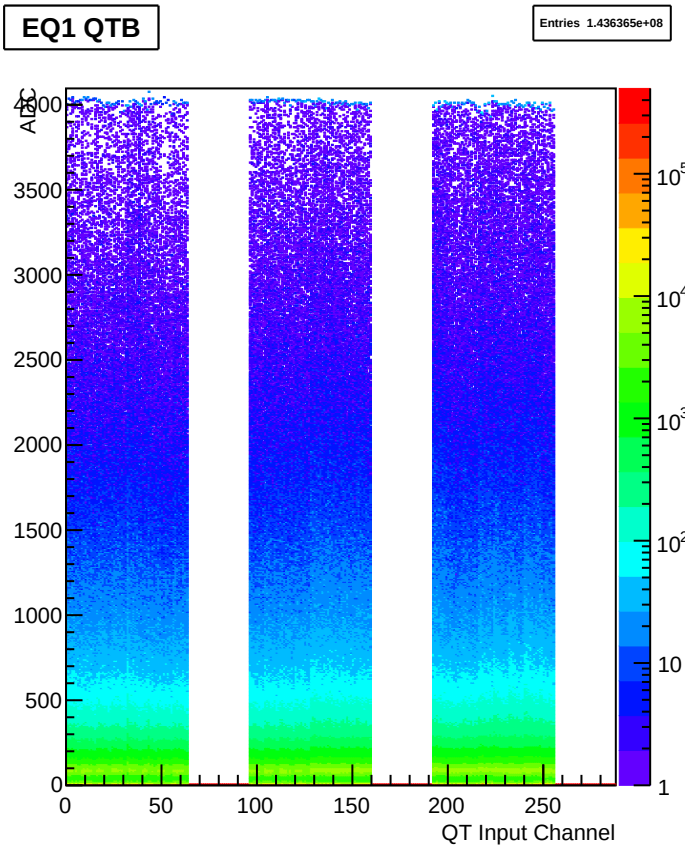

BBQ-ZD001 (ZDC TOWER)
Entries 7979808
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

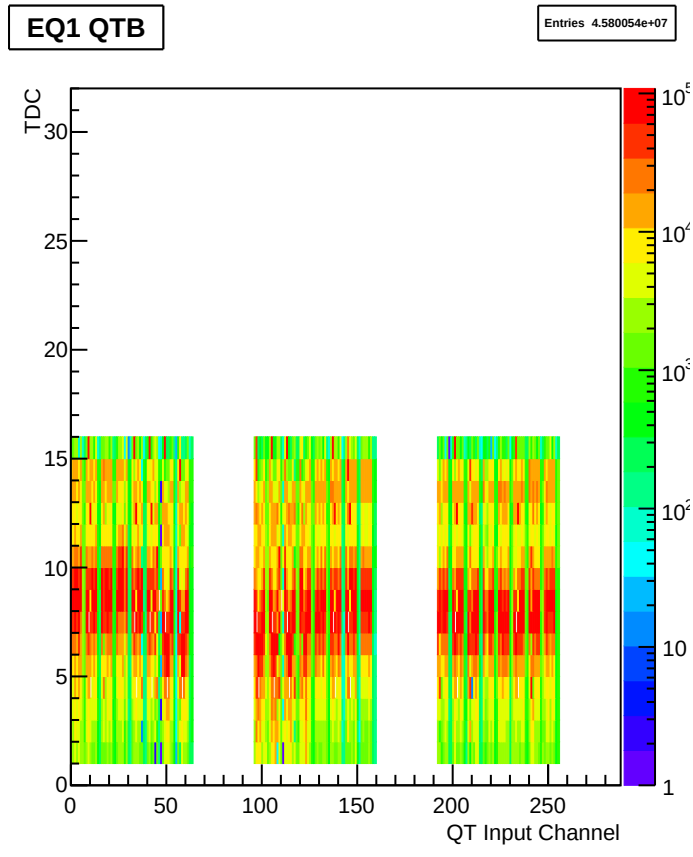

BBQ-VP001 East
Entries 7979808
ADC
QT Input Channel

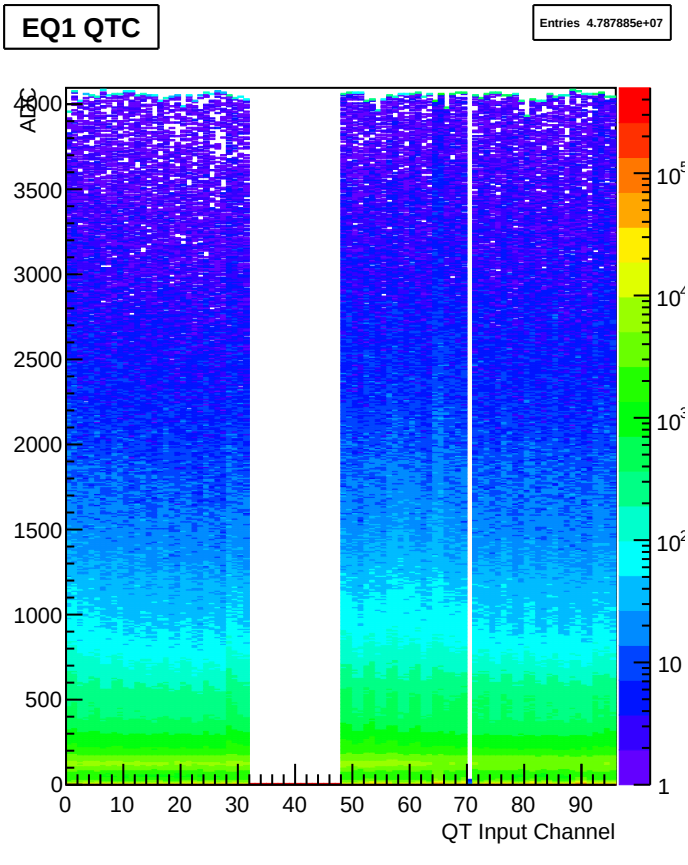

BBQ-VP001 East
Entries 7979808
TAC
QT Input Channel

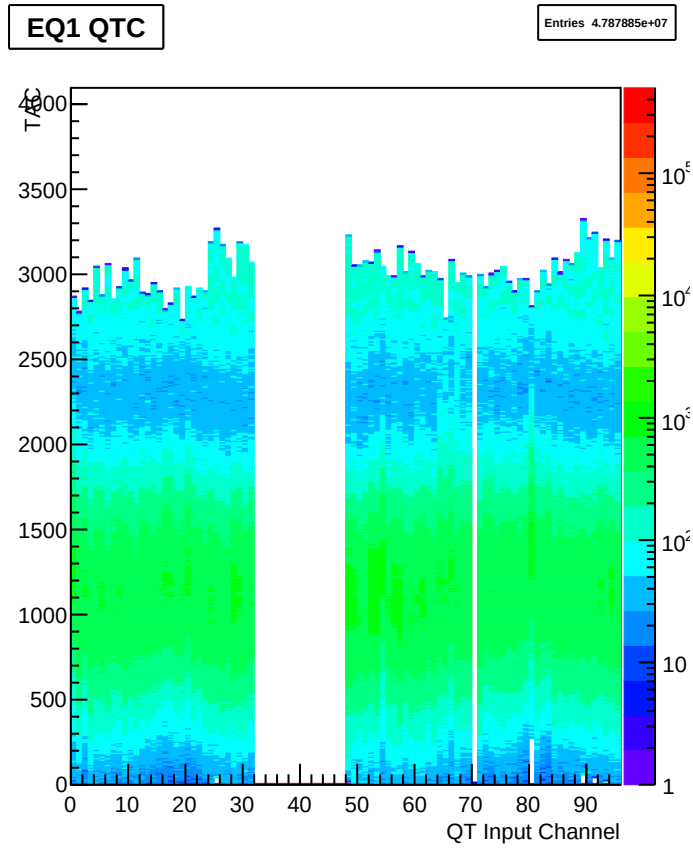

BBQ-VP002 West
Entries 7979808
ADC
QT Input Channel

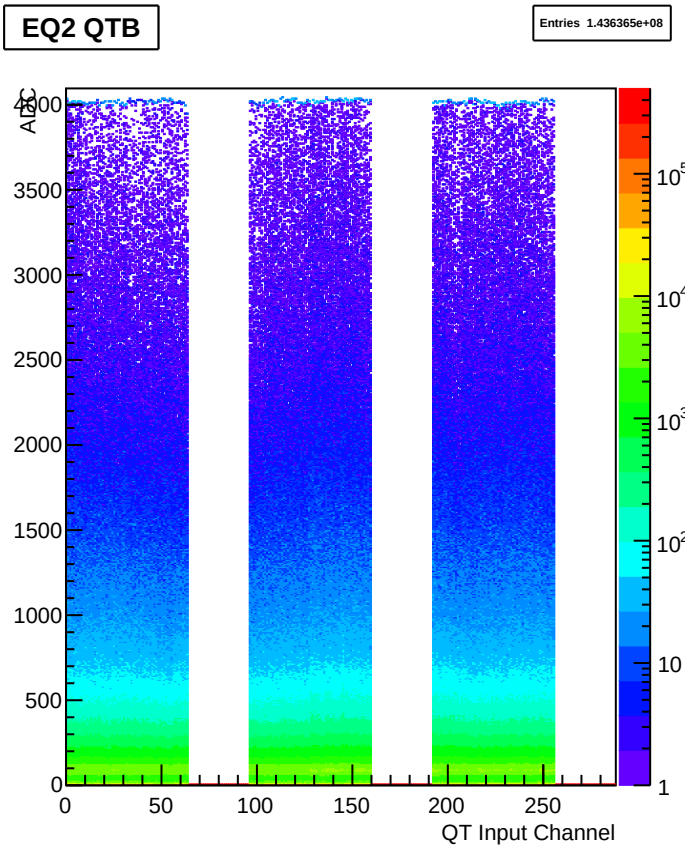

BBQ-VP002 West
Entries 7979808
TAC
QT Input Channel

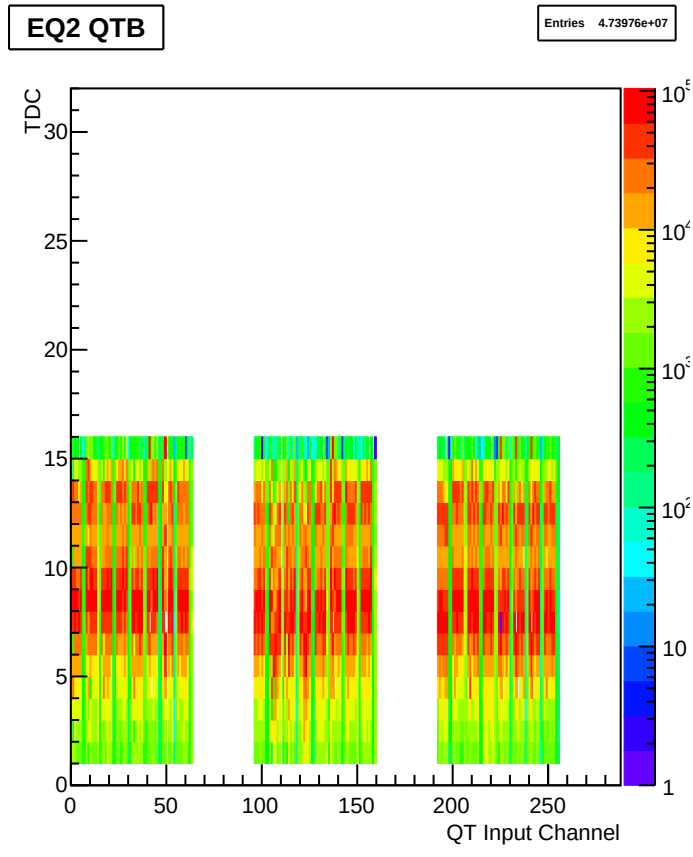

EQ1 QTB
Entries 1.436365e+08
ADC
QT Input Channel

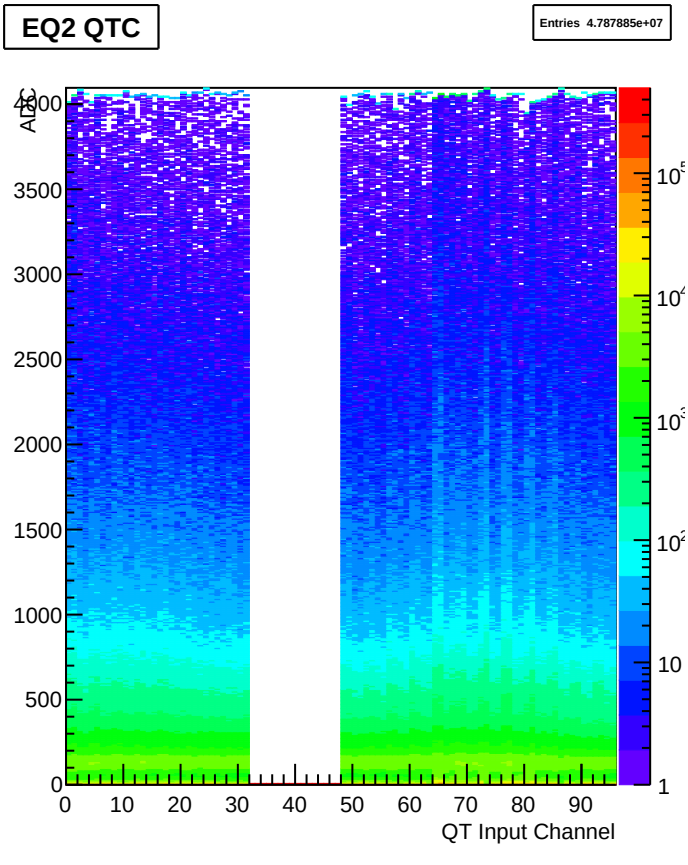

EQ1 QTB
Entries 4.580054e+07
TDC
QT Input Channel

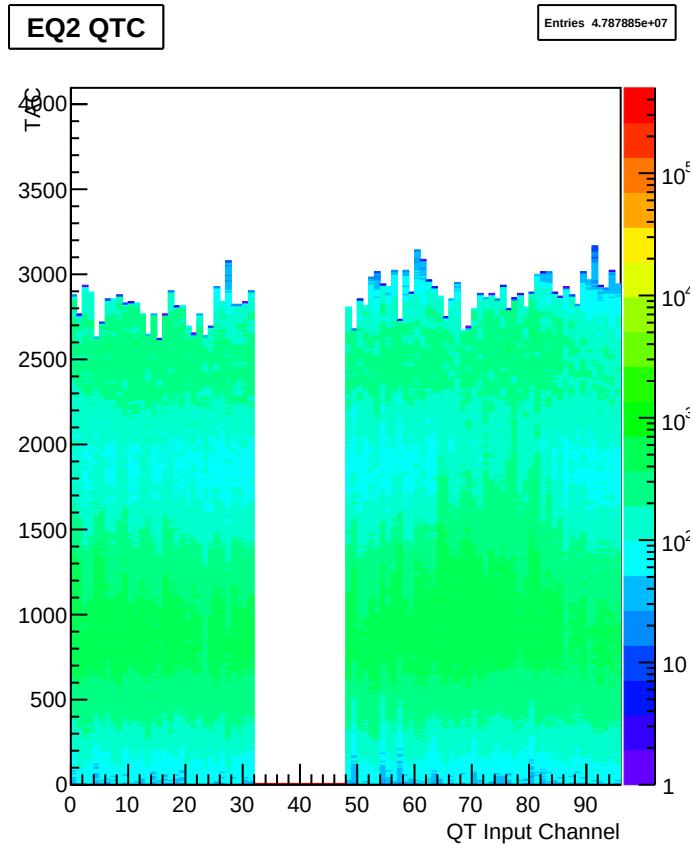

EQ1 QTC
Entries 4.787885e+07
ADC
QT Input Channel

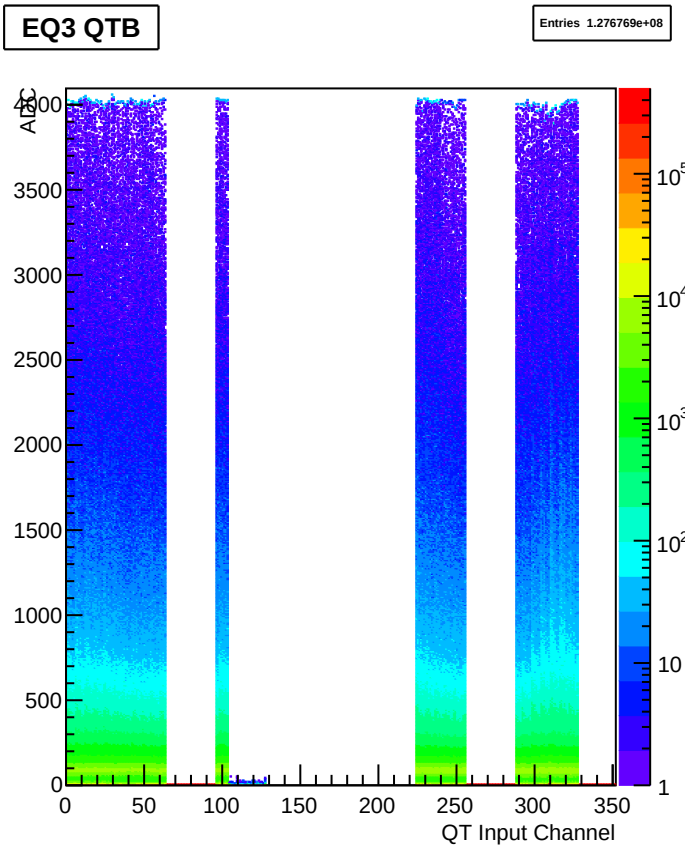

EQ1 QTC
Entries 4.787885e+07
TADC
QT Input Channel

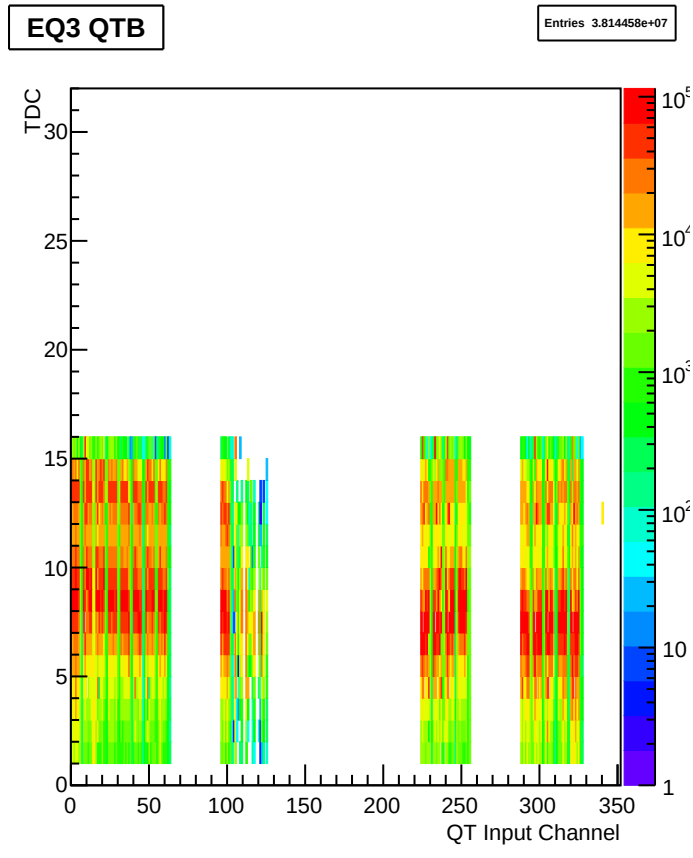

EQ2 QTB
Entries 1.436365e+08
ADC
QT Input Channel

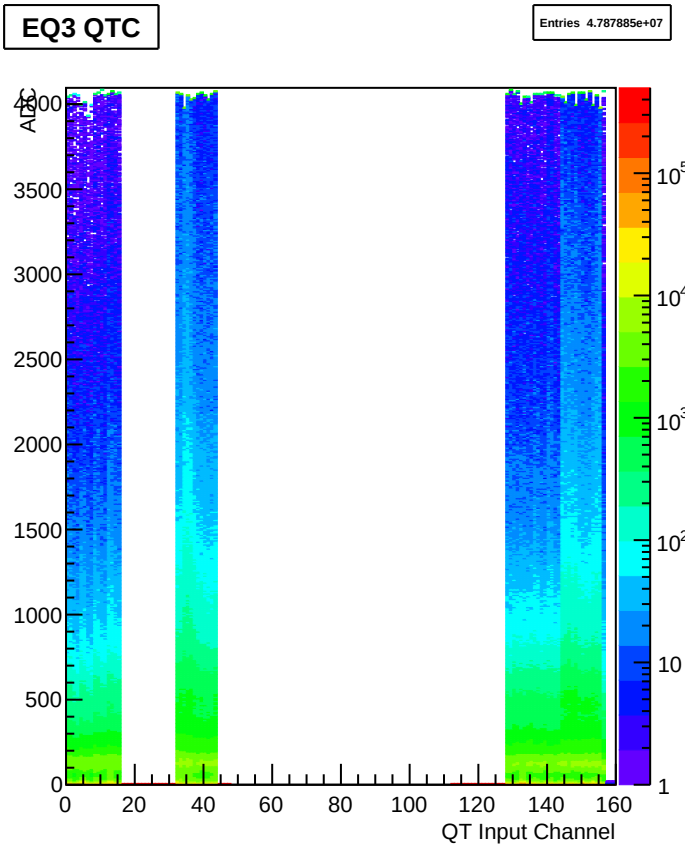

EQ2 QTB
Entries 4.73976e+07
TDC
QT Input Channel

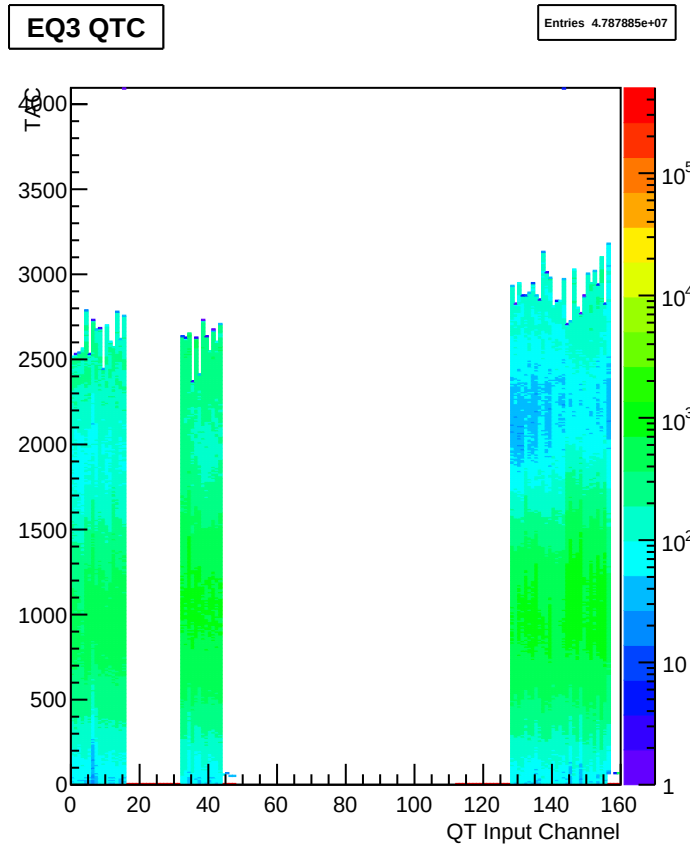

EQ2 QTC
Entries 4.787885e+07
ADC
QT Input Channel

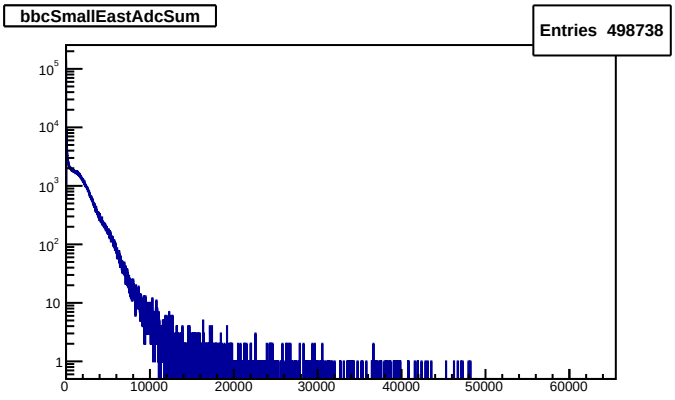

EQ2 QTC
Entries 4.787885e+07
TADC
QT Input Channel

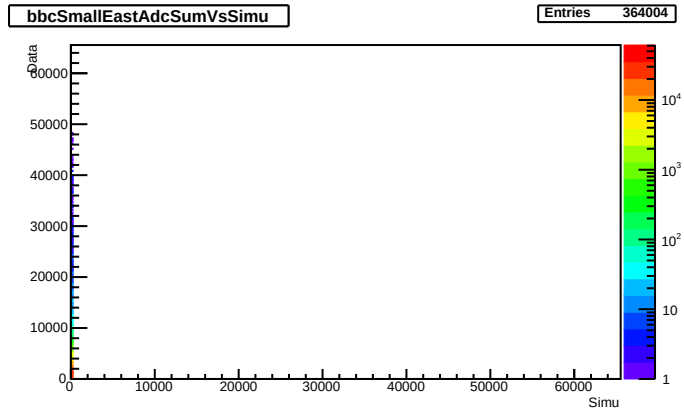

EQ3 QTB
Entries 1.276769e+08
ADC
QT Input Channel

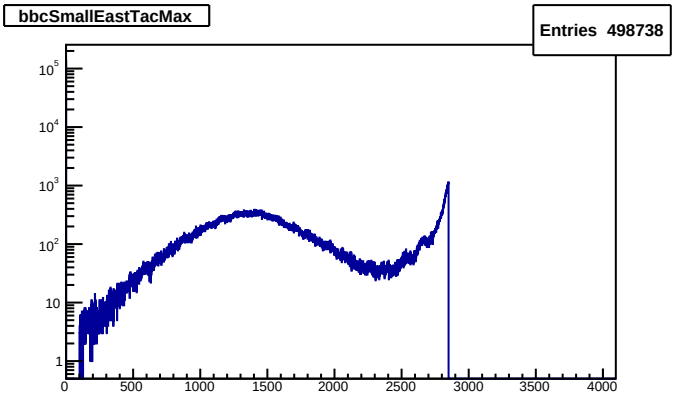

EQ3 QTB
Entries 3.814458e+07
TDC
QT Input Channel

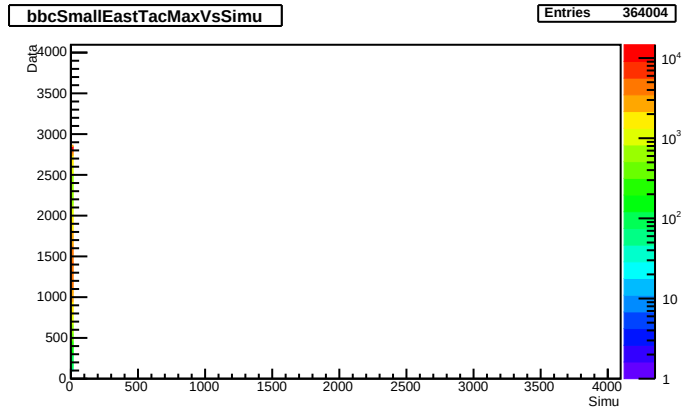

EQ3 QTC
Entries 4.787885e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.787885e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 498738


bbcSmallEastAdcSumVsSimu
Entries 364004
Data
Simu


bbcSmallEastTacMax
Entries 498738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Entries 364004
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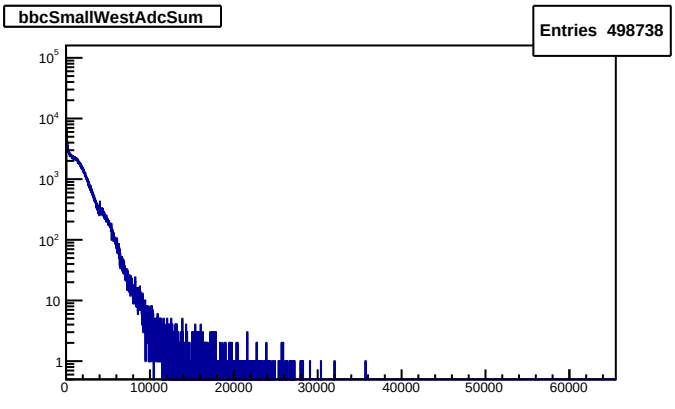
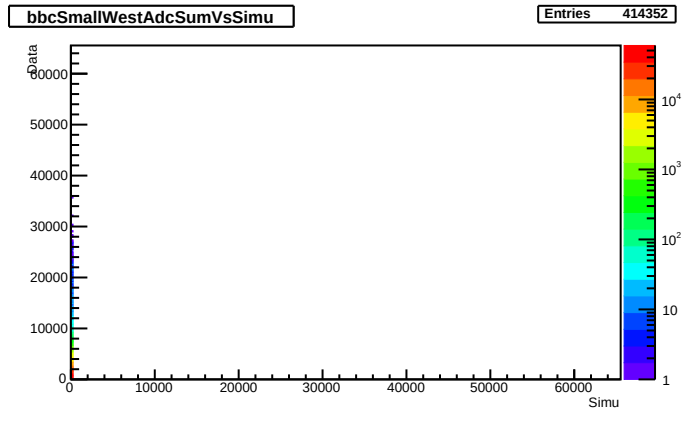

bbcSmallWestAdcSum
Entries 498738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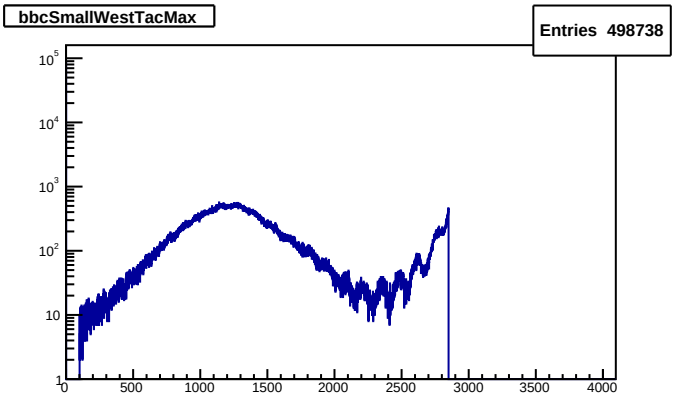
Entries 414352
Data
Simu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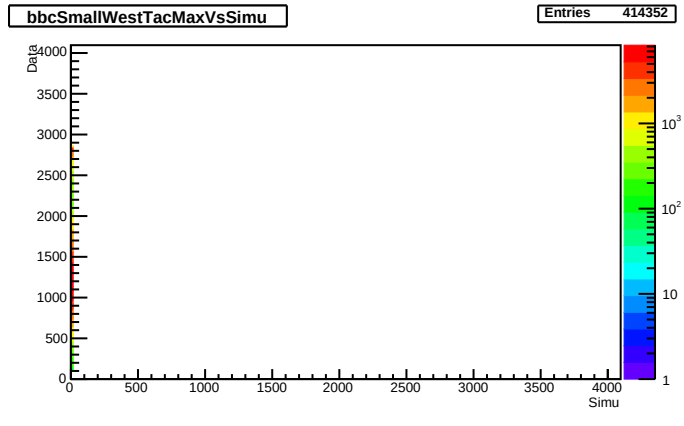
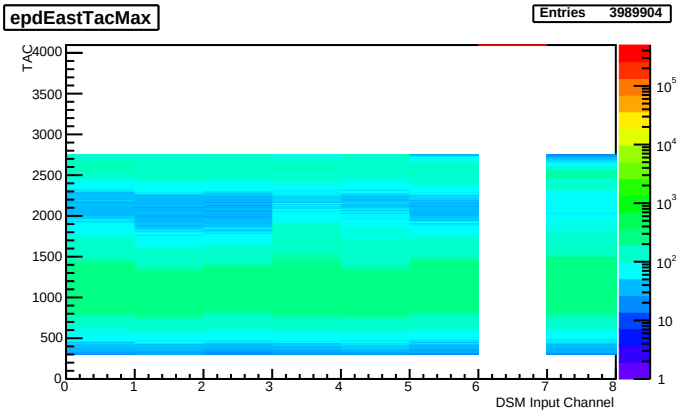
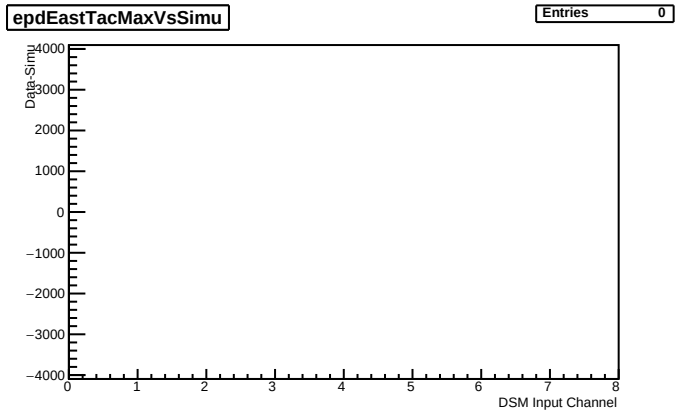
Entries 498738


bbcSmallWestTacMaxVsSimu
Entries 414352
Data
Simu


epdEastTacMax
Entries 3989904
TAC
DSM Input Channel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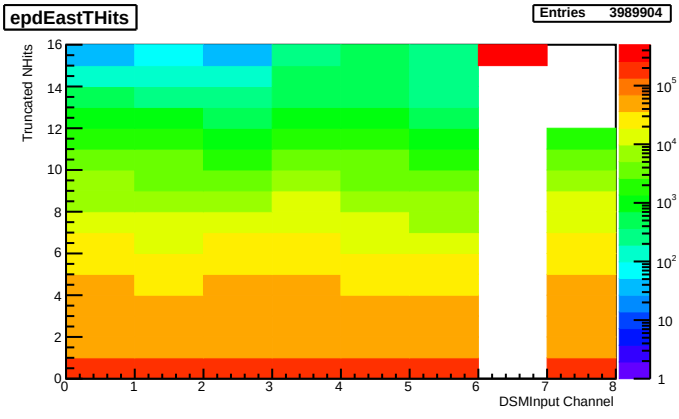
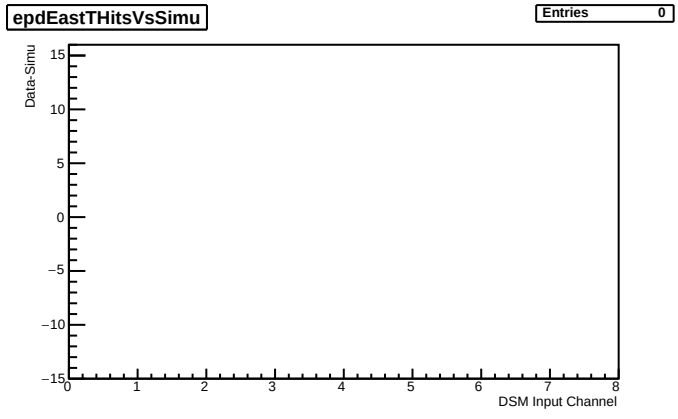
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3989904
Truncated NHits
DSMInput Channel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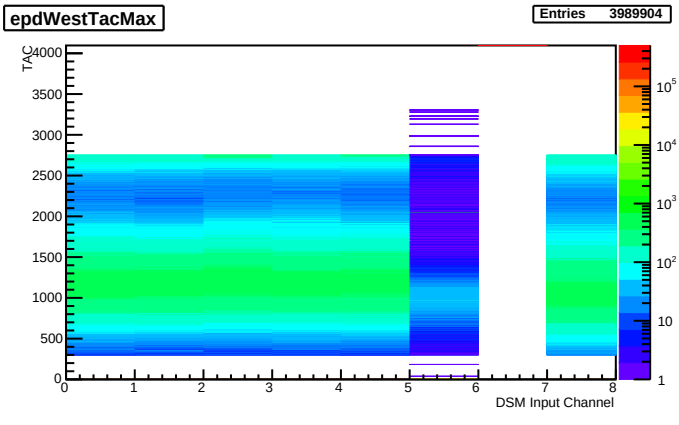
Data-Simu
DSM Input Channel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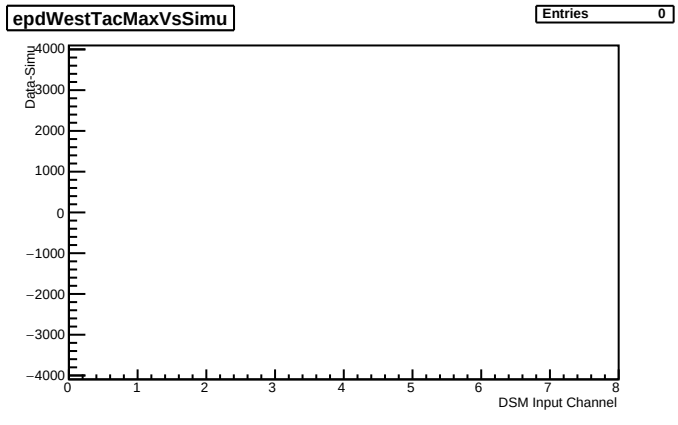
TAC
DSM Input Channel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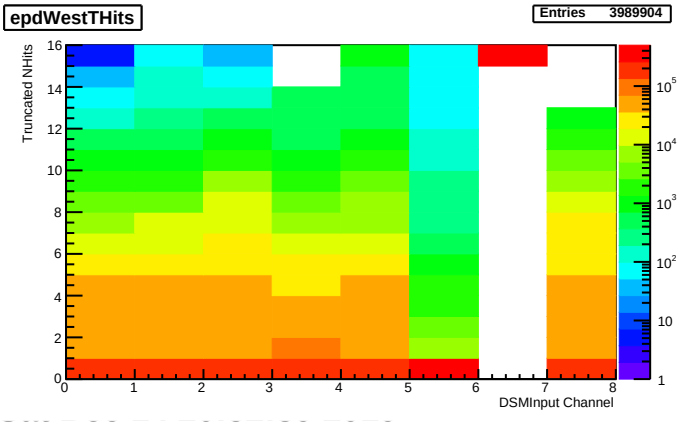
Data-Simu
DSM Input Channel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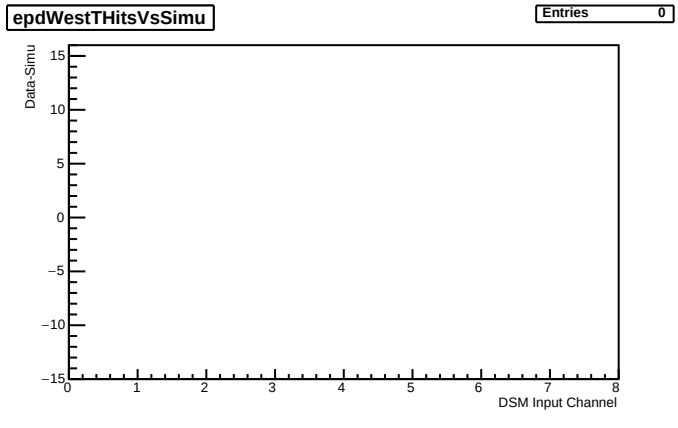
Entries 3989904
Truncated NHits
DSMInput Channel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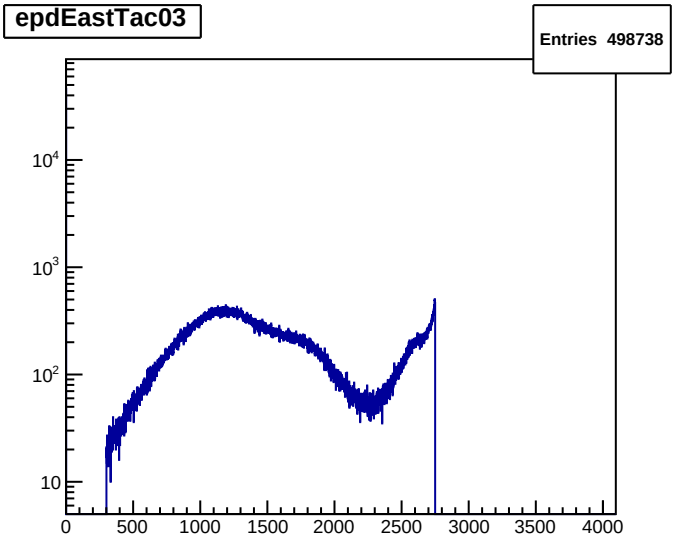
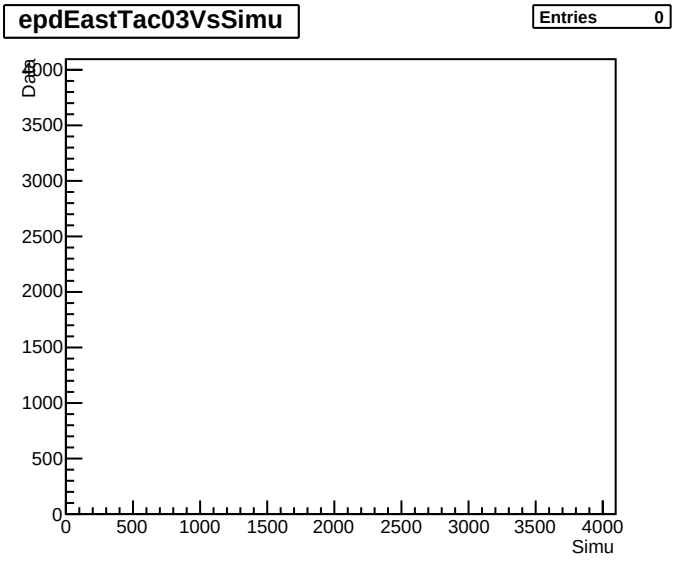
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 498738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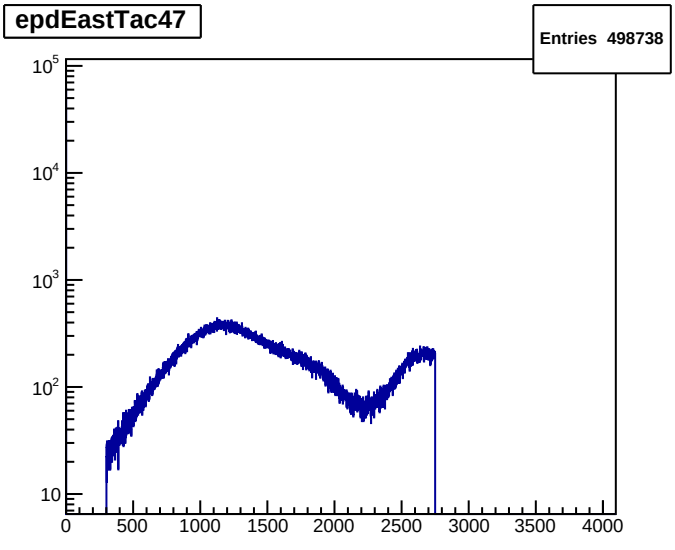
Entries 0
Data
Simu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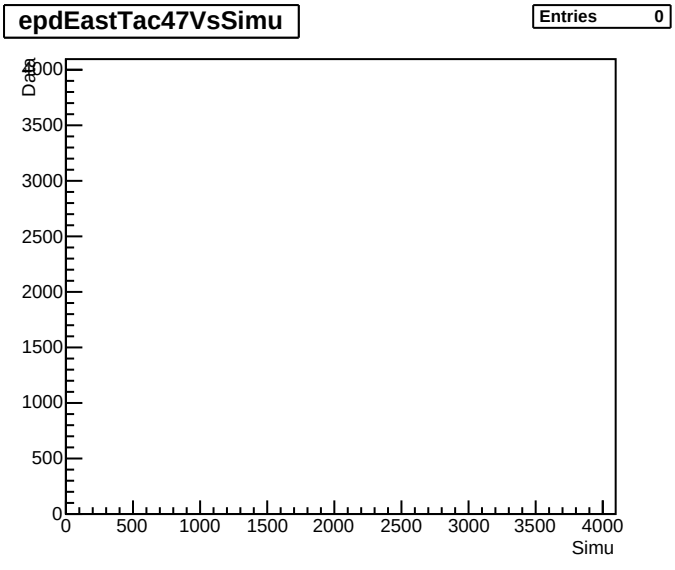
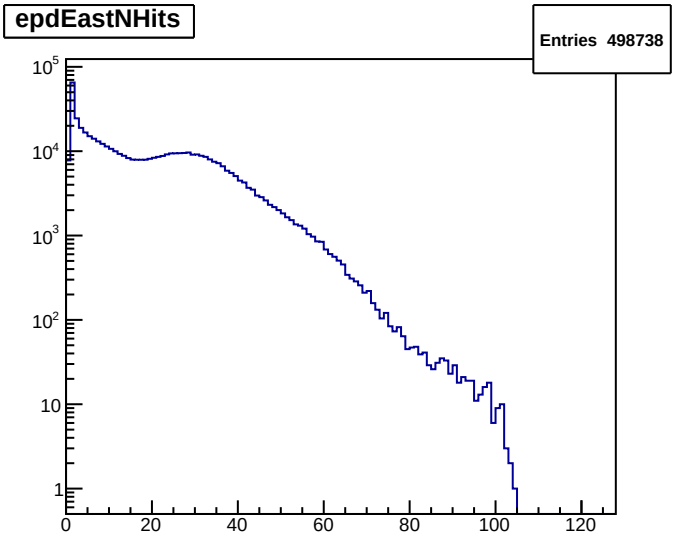
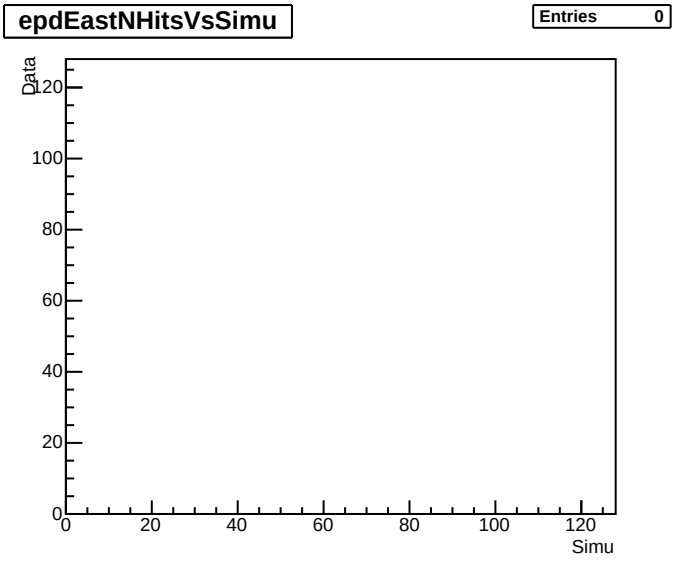
Entries 498738


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 498738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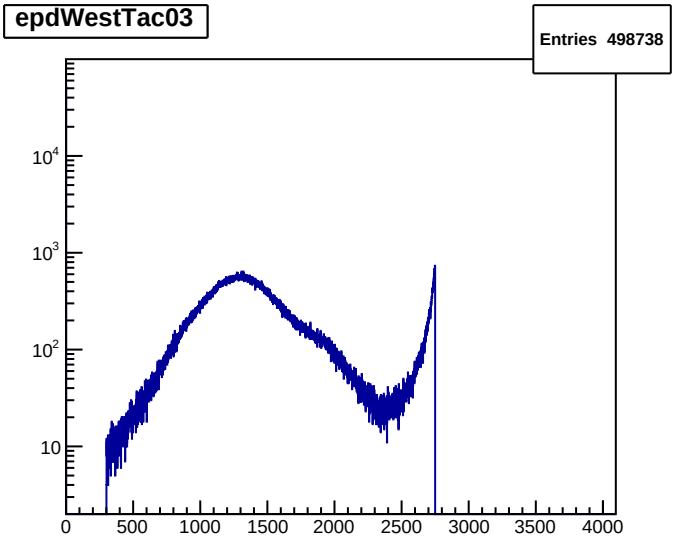
Entries 0
Data
Simu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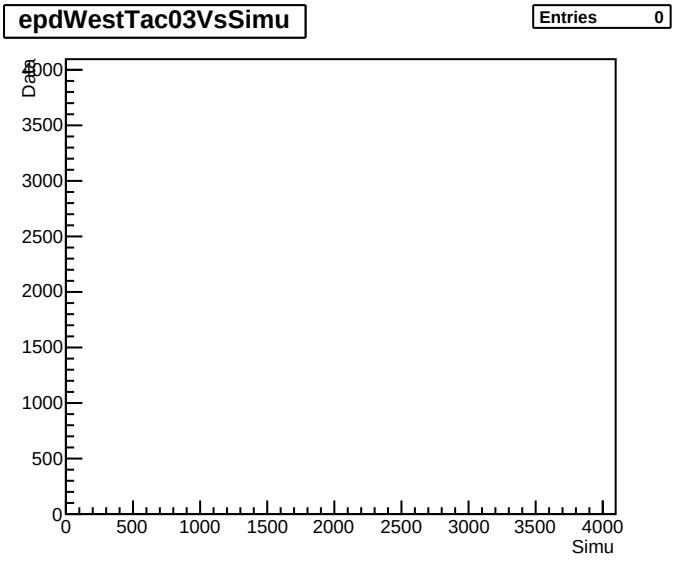
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Entries 0
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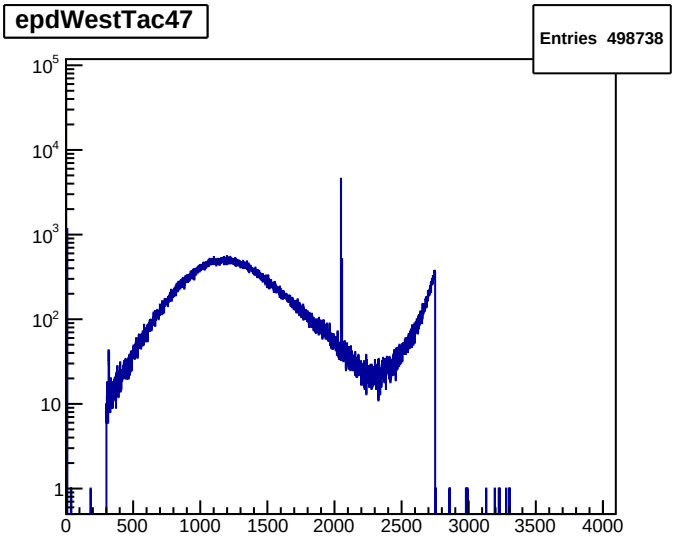
Simu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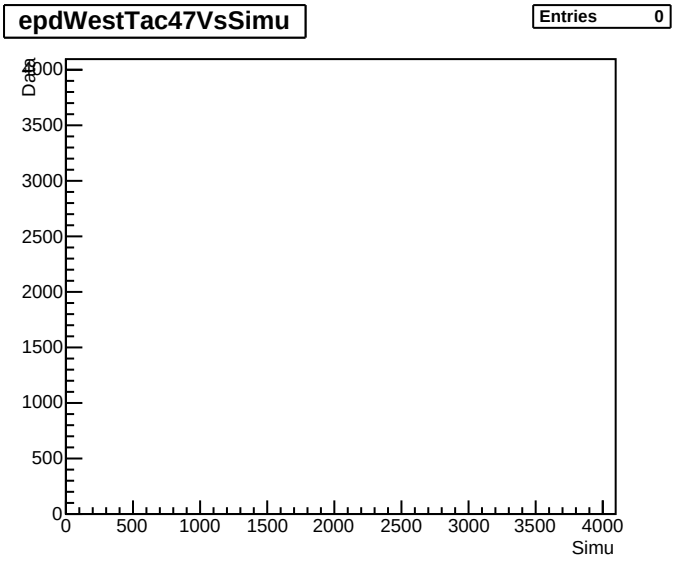
Entries 498738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Entries 0
Data
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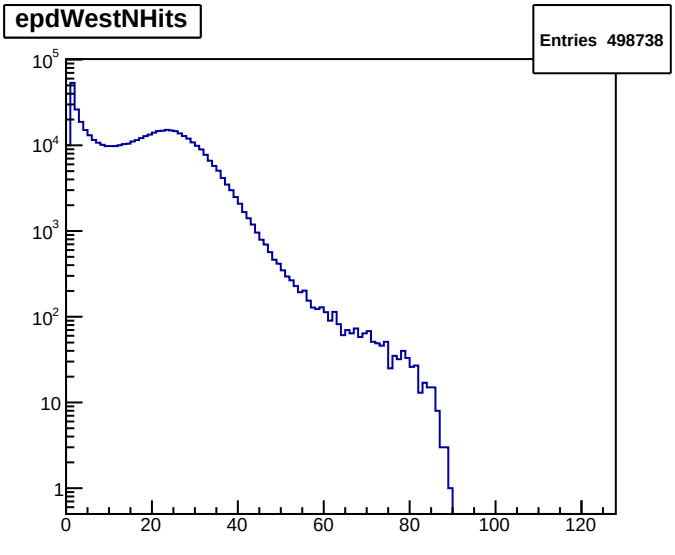
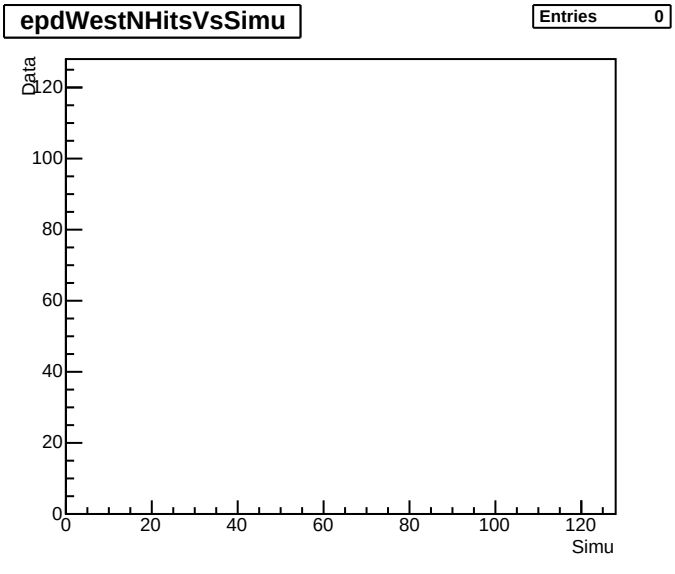

epdWestNHits
Entries 498738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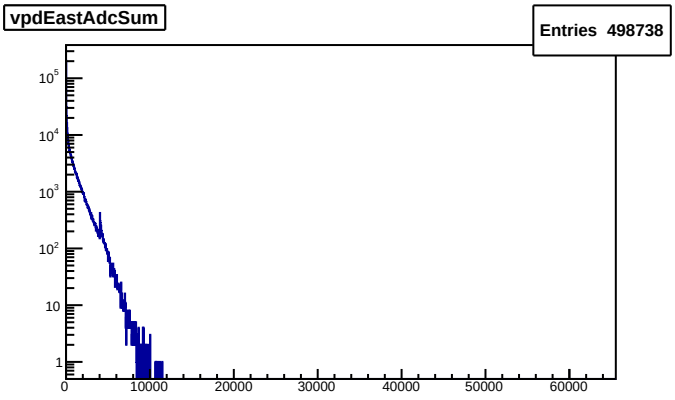
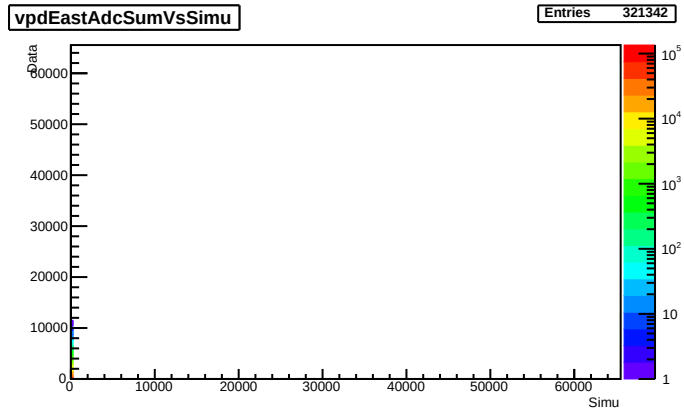
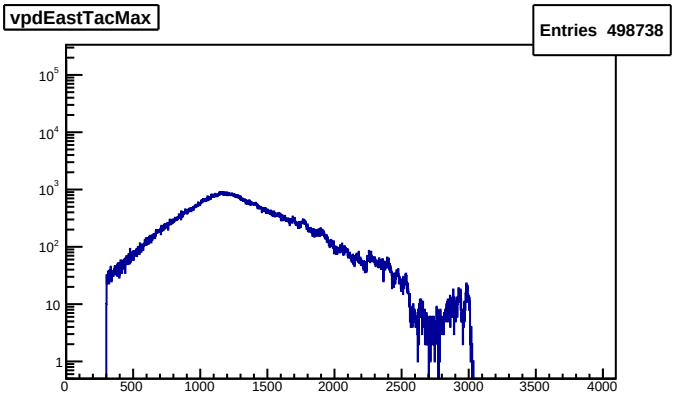
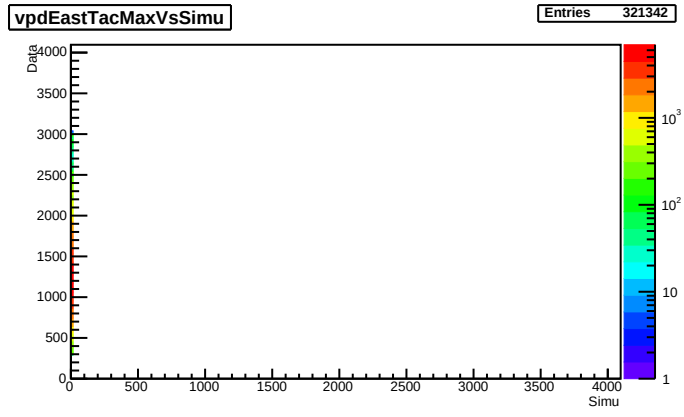
Entries 0
Data
Simu


vpdEastAdcSum
Entries 498738


vpdEastAdcSumVsSimu
Entries 321342
Data
Simu


vpdEastTacMax
Entries 498738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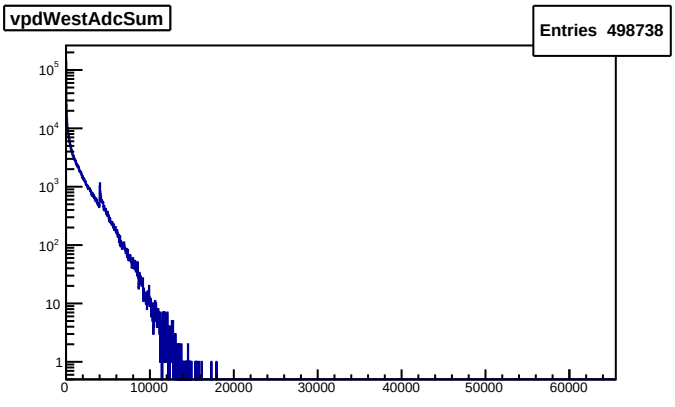
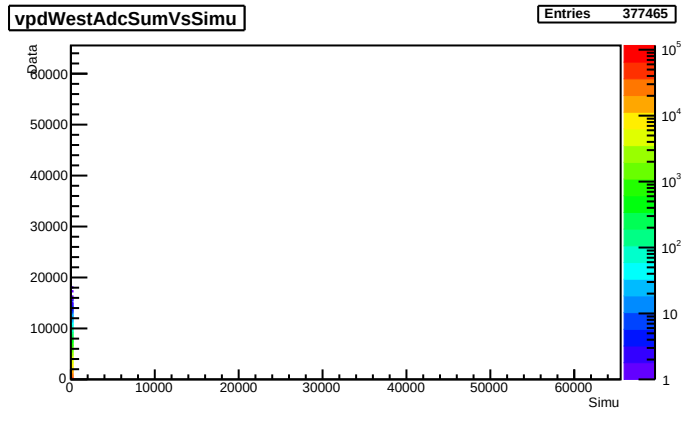
Entries 321342
Data
Simu


vpdWestAdcSum
Entries 498738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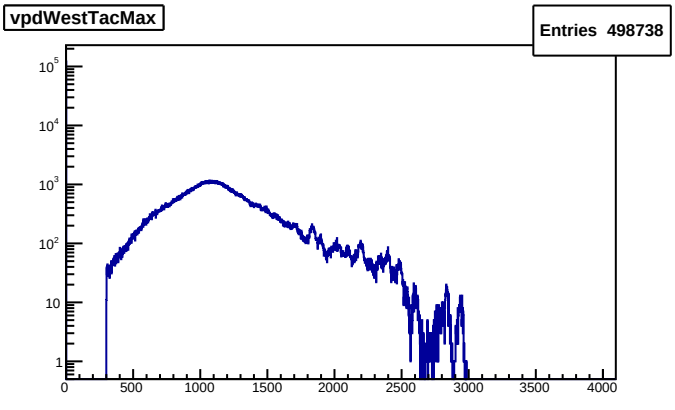
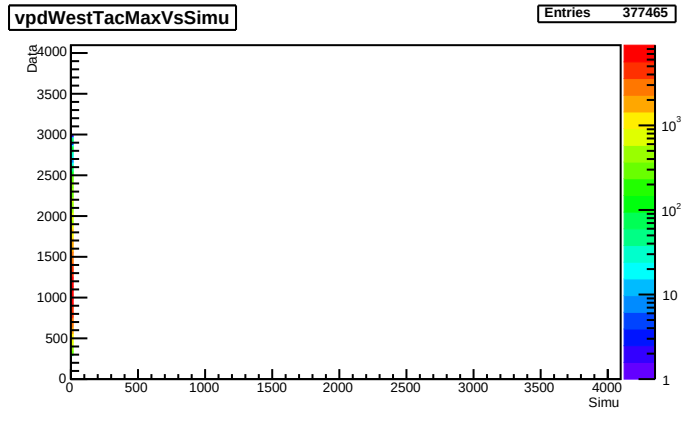
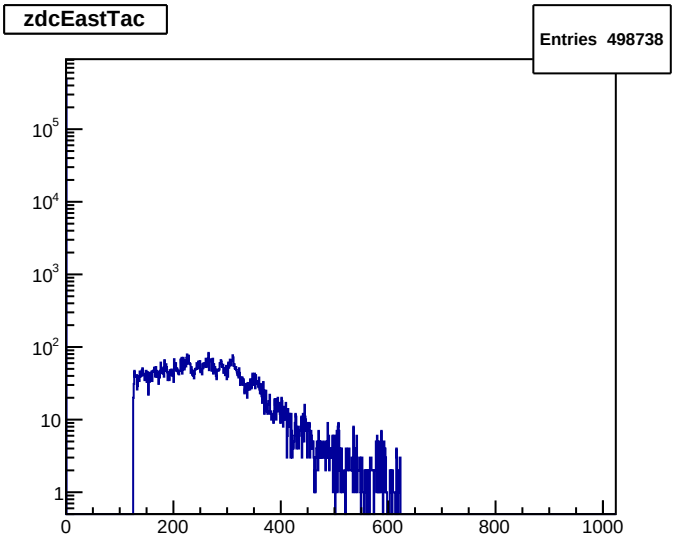
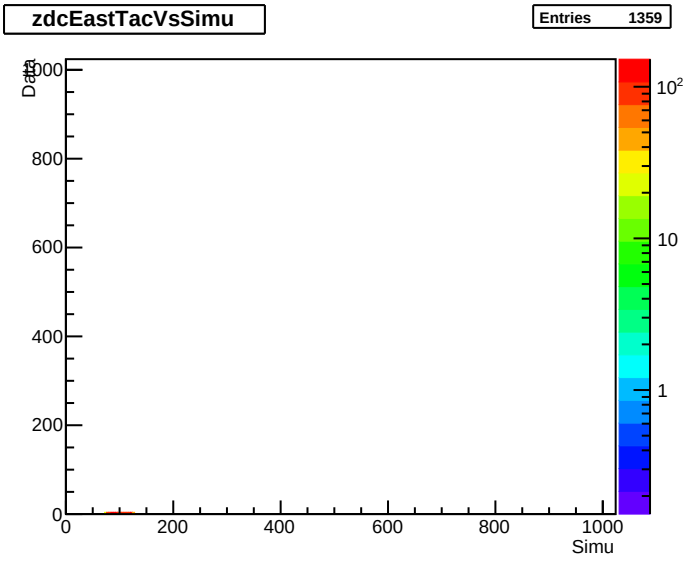
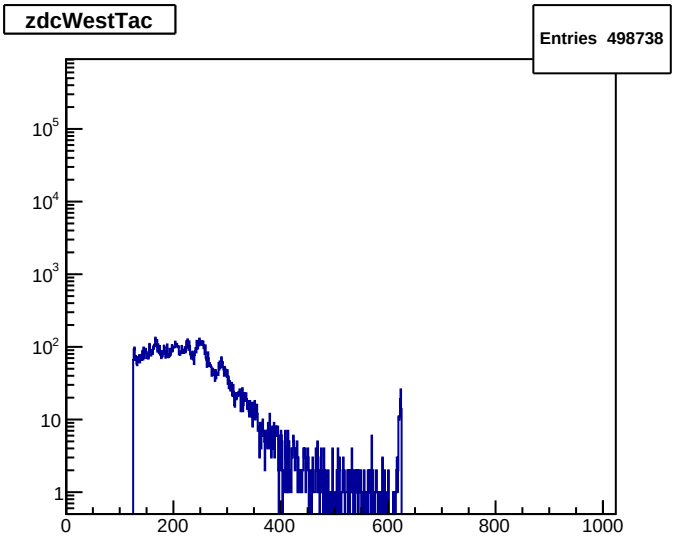
Entries 377465
Data
Simu

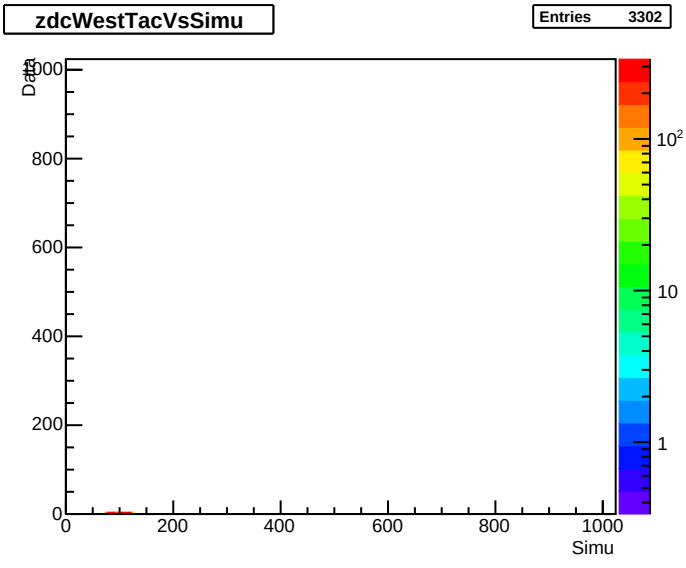

vpdWestTacMax
Entries 498738

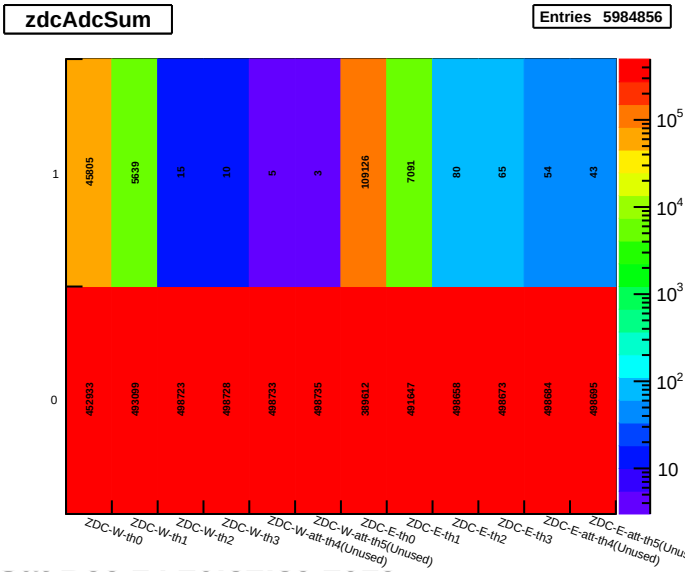

vpdWestTacMaxVsSimu
Entries 377465
Data
Simu

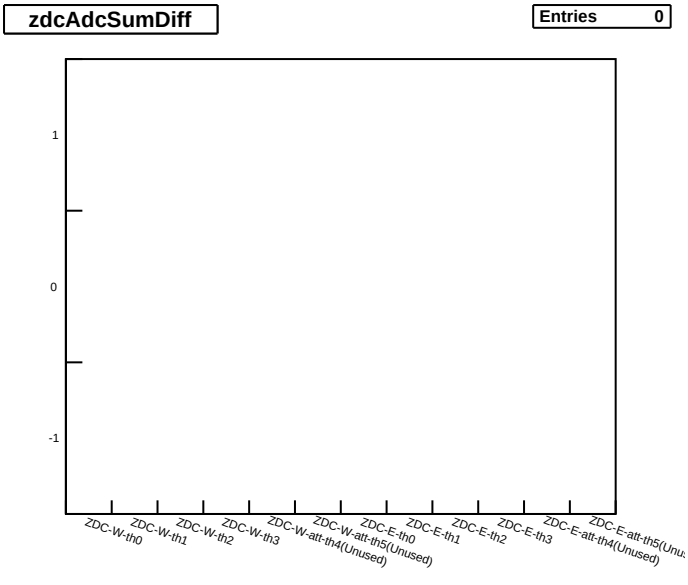

zdcEastTac
Entries 498738

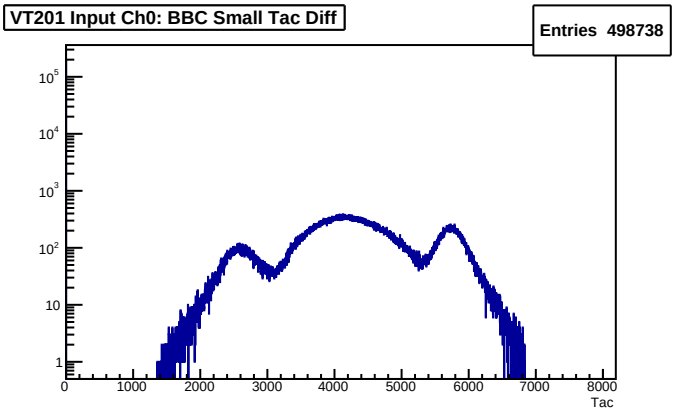

zdcEastTacVsSimu
Entries 1359
Data
Simu

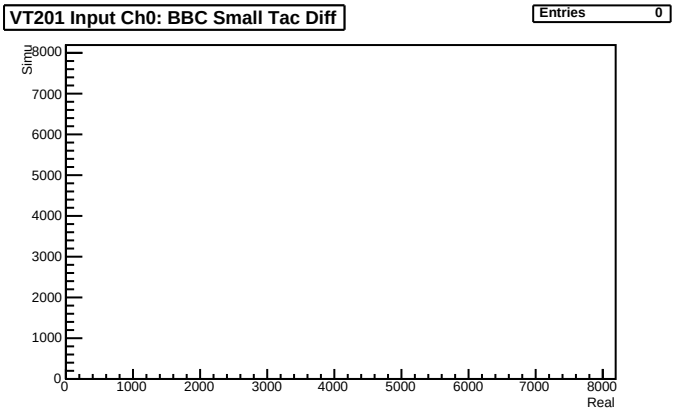

zdcWestTac
Entries 498738

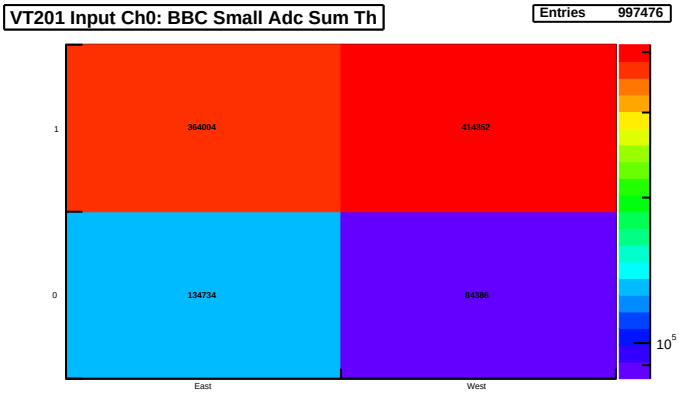

zdcWestTacVsSimu
Entries 3302
Data
Simu

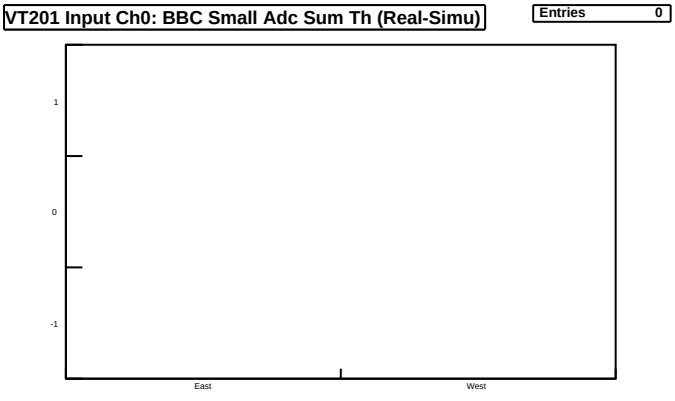

zdcAdcSum
Entries 5984856
45805
5639
15
10
5
3
109126
7091
80
65
54
43
452933
493099
498723
498728
498733
498735
389612
491647
498658
498673
498684
498695
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

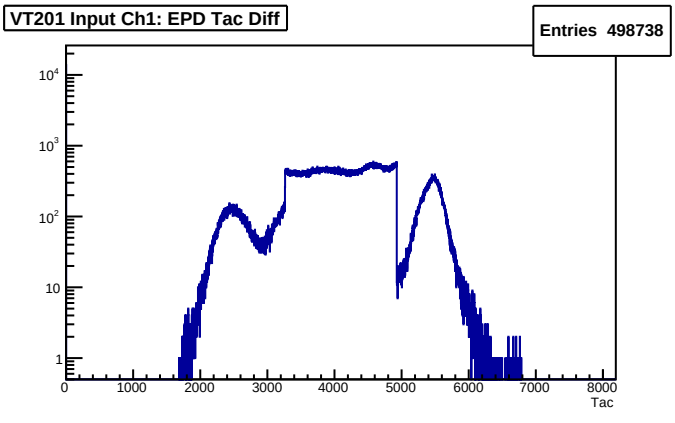

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

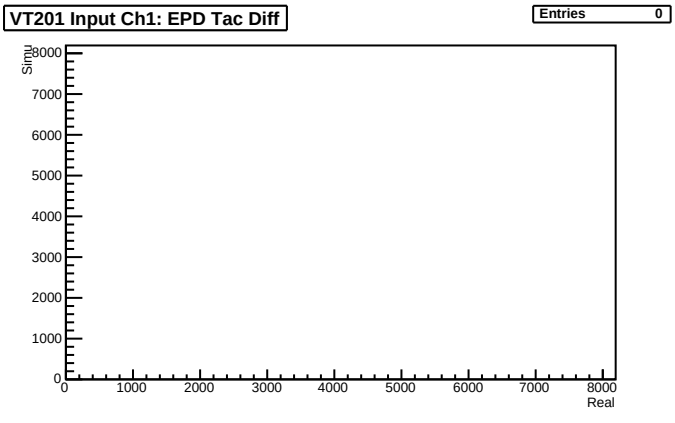

VT201 Input Ch0: BBC Small Tac Diff
Entries 498738
Tac

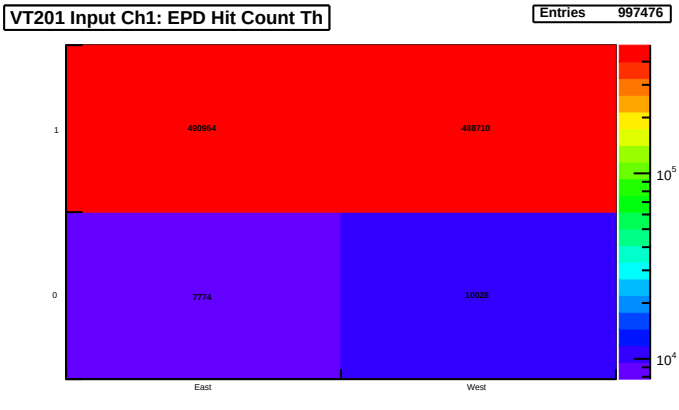

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

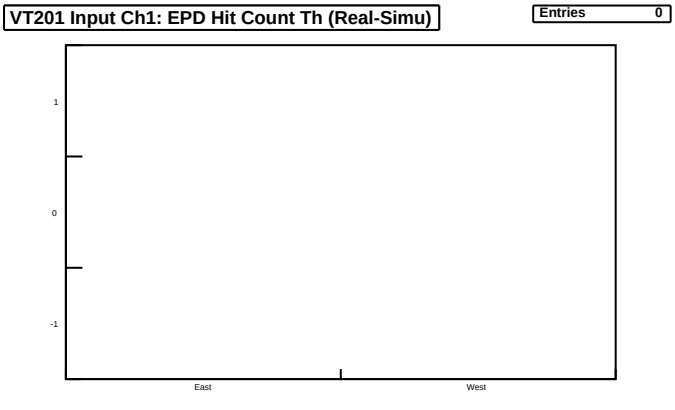

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 997476
364004
414352
134734
84386
East
West

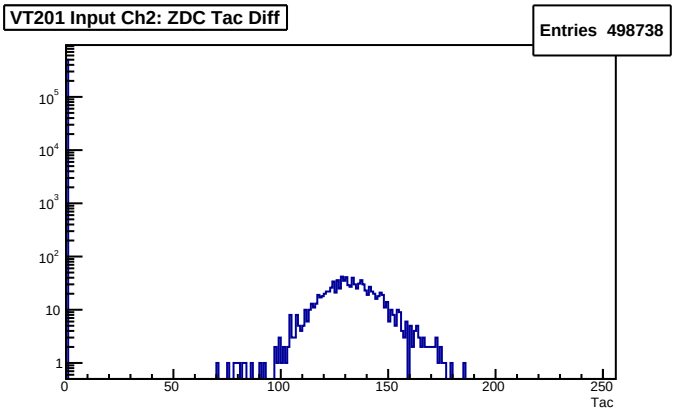

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

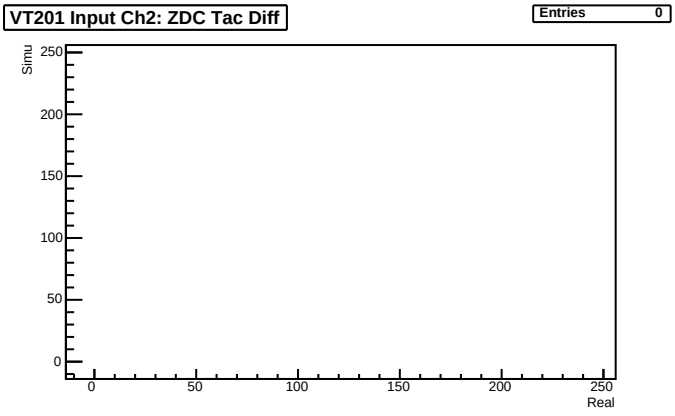

VT201 Input Ch1: EPD Tac Diff
Entries 498738
Tac

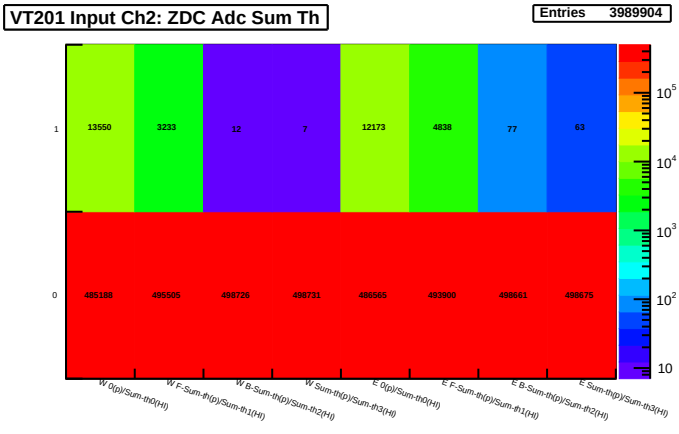

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

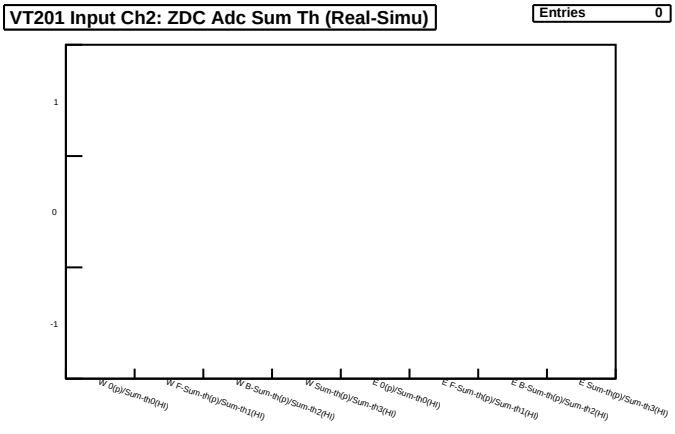

VT201 Input Ch1: EPD Hit Count Th
Entries 997476
490964
488710
7774
10028
East
West

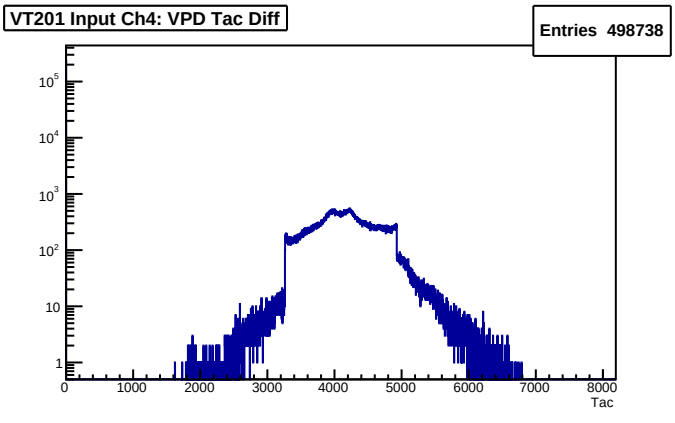

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

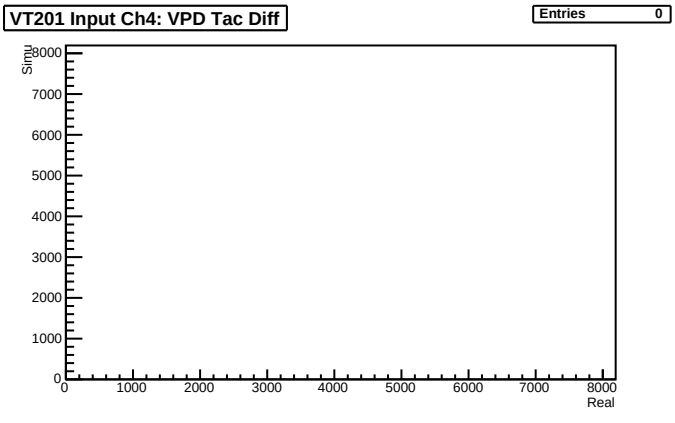

VT201 Input Ch2: ZDC Tac Diff
Entries 498738
Tac

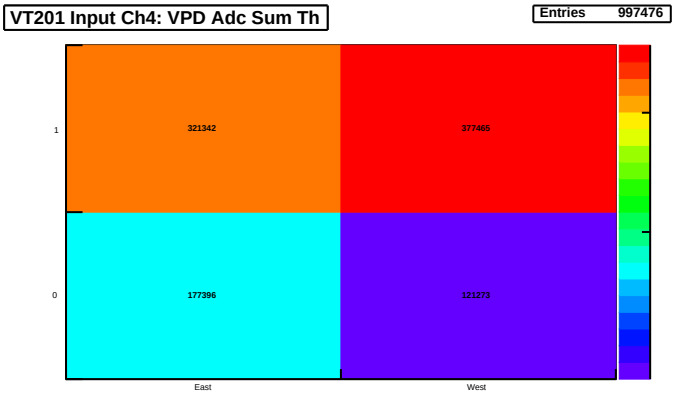

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

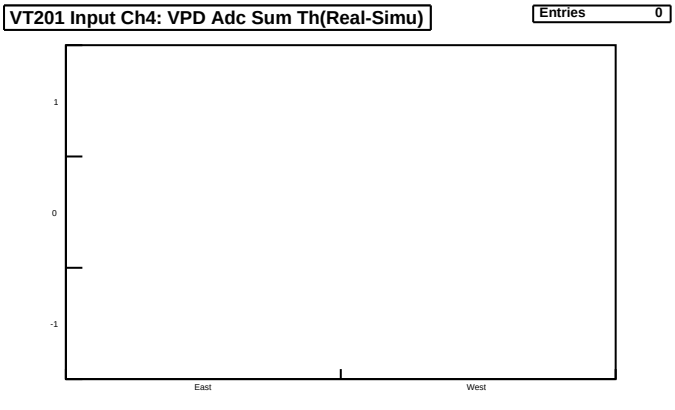

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3989904
13550
3233
12
7
12173
4838
77
63
485188
495505
498726
498731
486565
493900
498661
498675
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

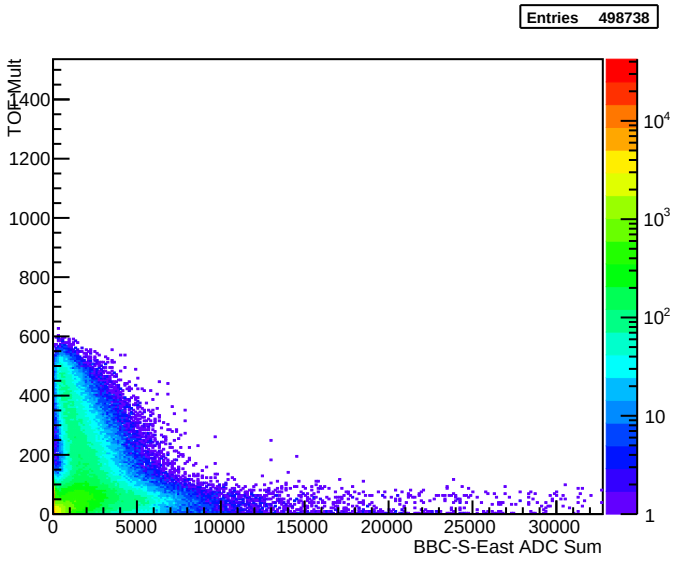

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

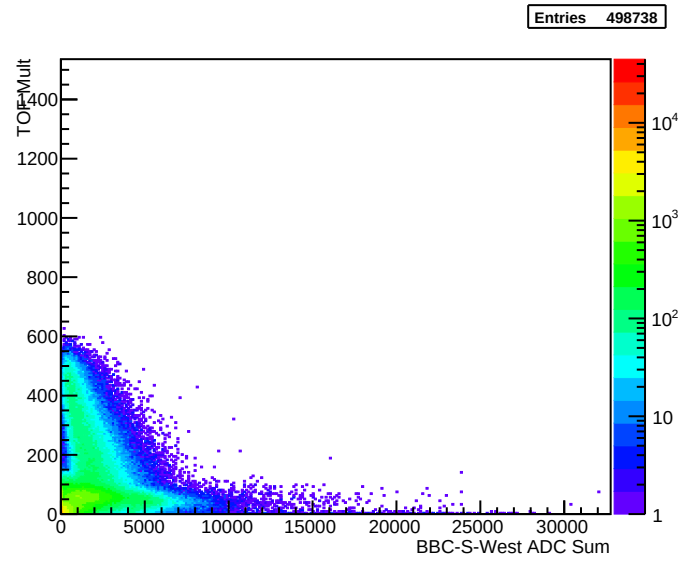

VT201 Input Ch4: VPD Tac Diff
Entries 498738
Tac

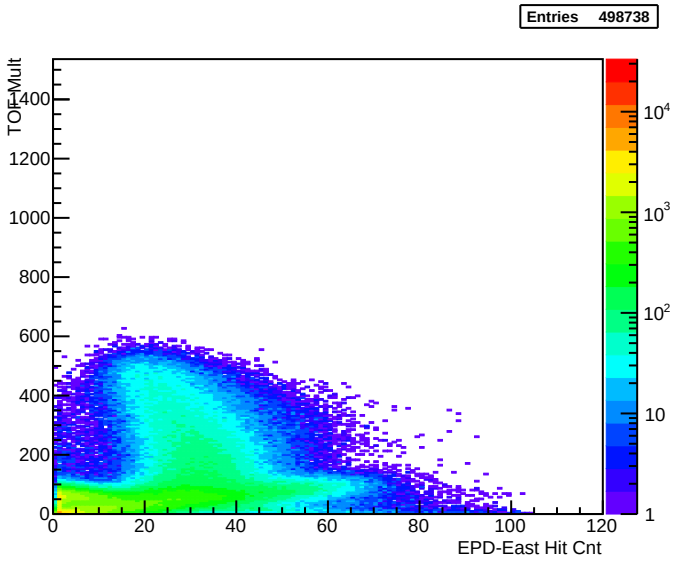

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

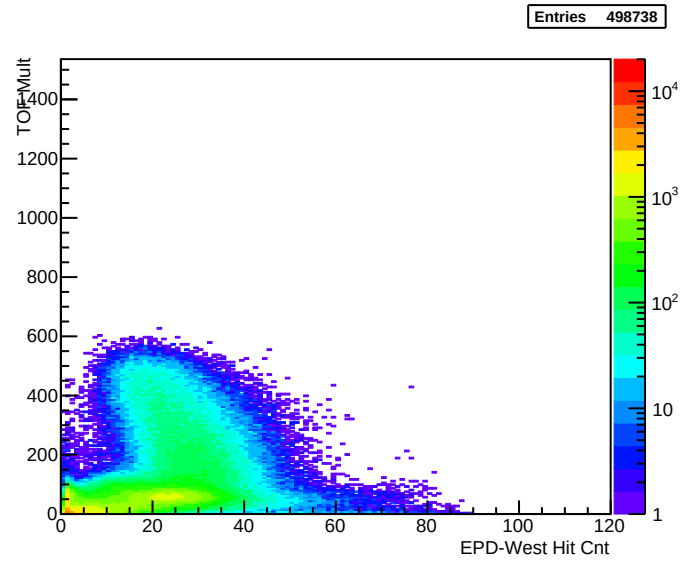

VT201 Input Ch4: VPD Adc Sum Th
Entries 997476
321342
377465
177396
121273
East
West

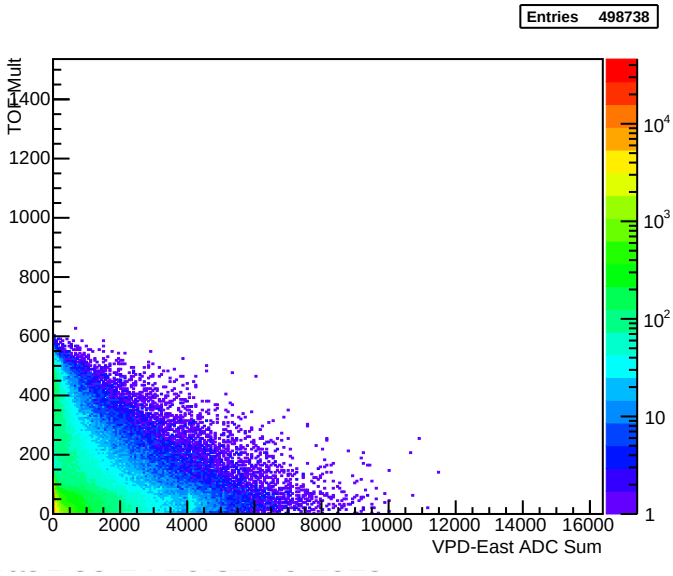

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

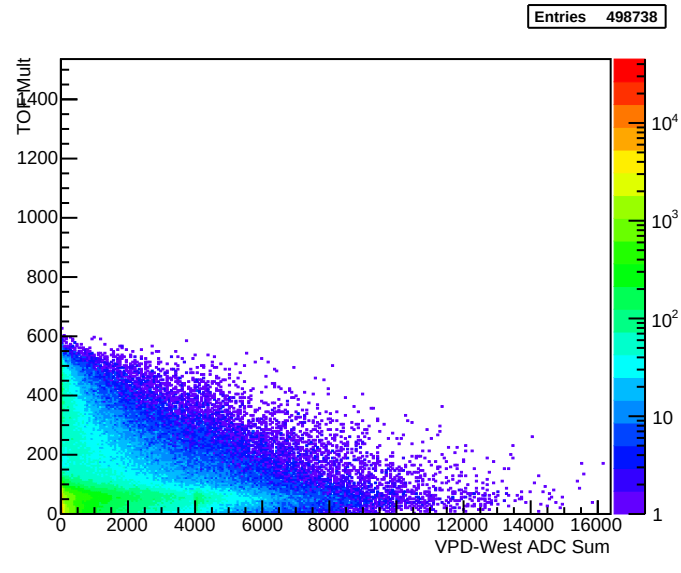

Entries 498738
TOF-Mult
BBC-S-East ADC Sum

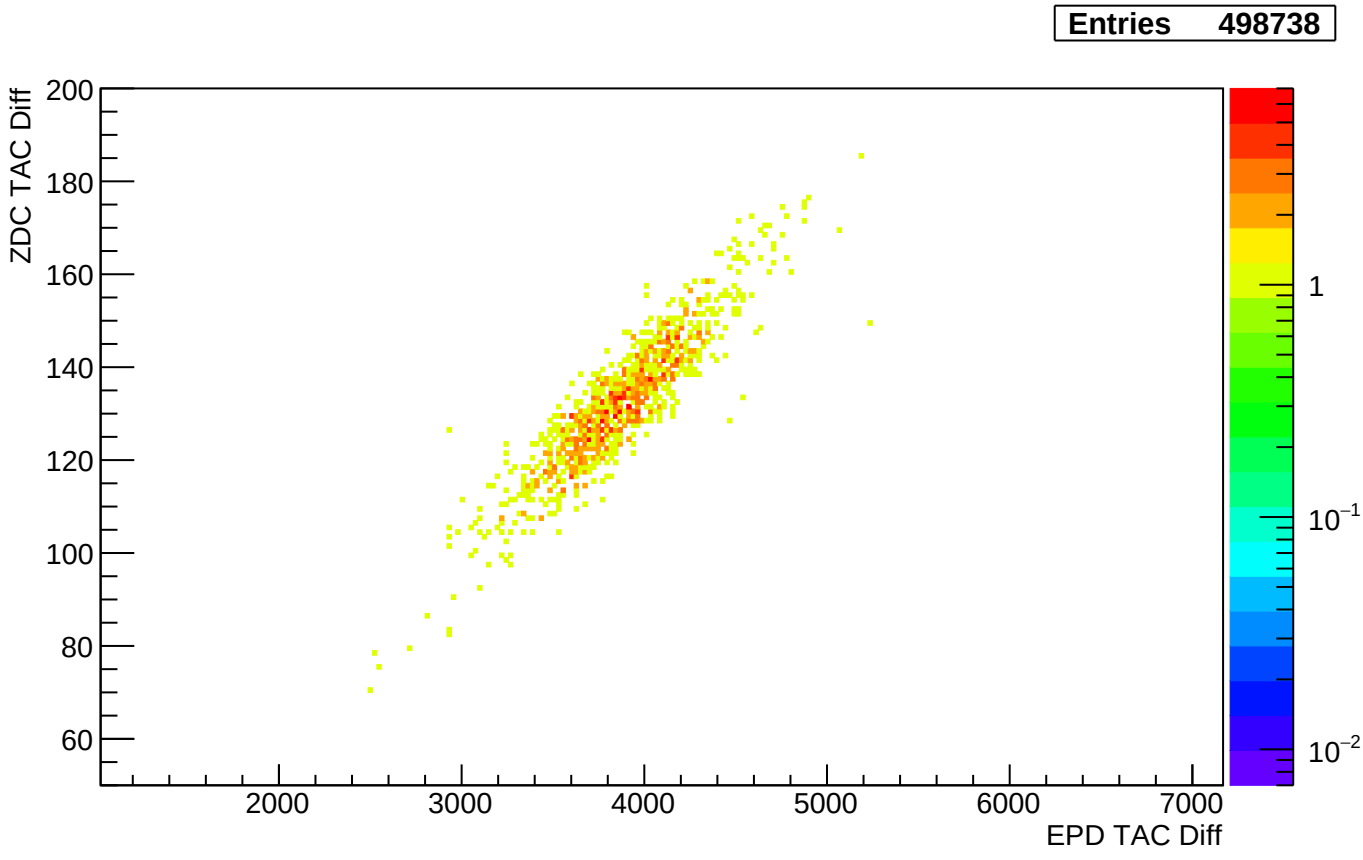

Entries 498738
TOF-Mult
BBC-S-West ADC Sum

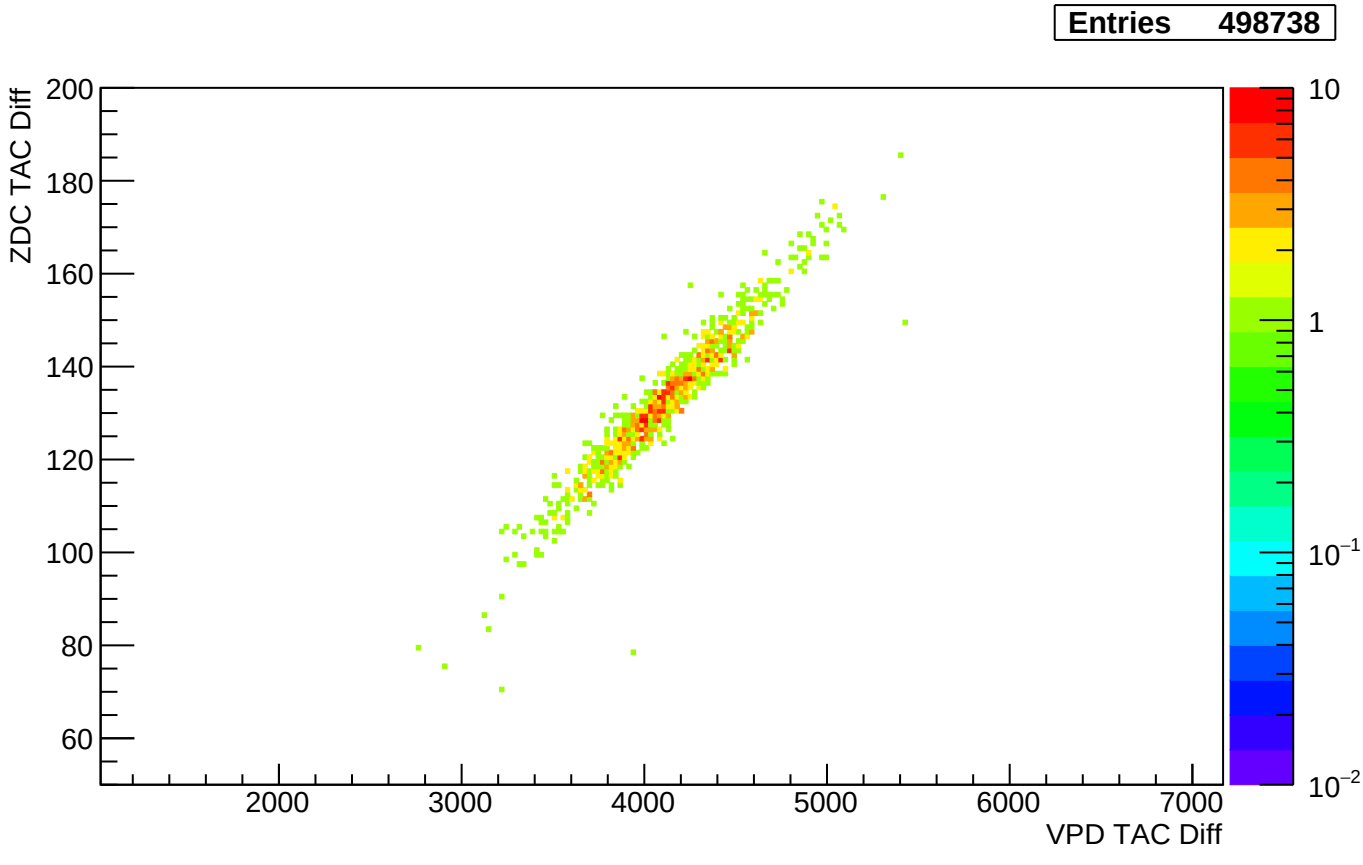

Entries 498738
TOF-Mult
EPD-East Hit Cnt

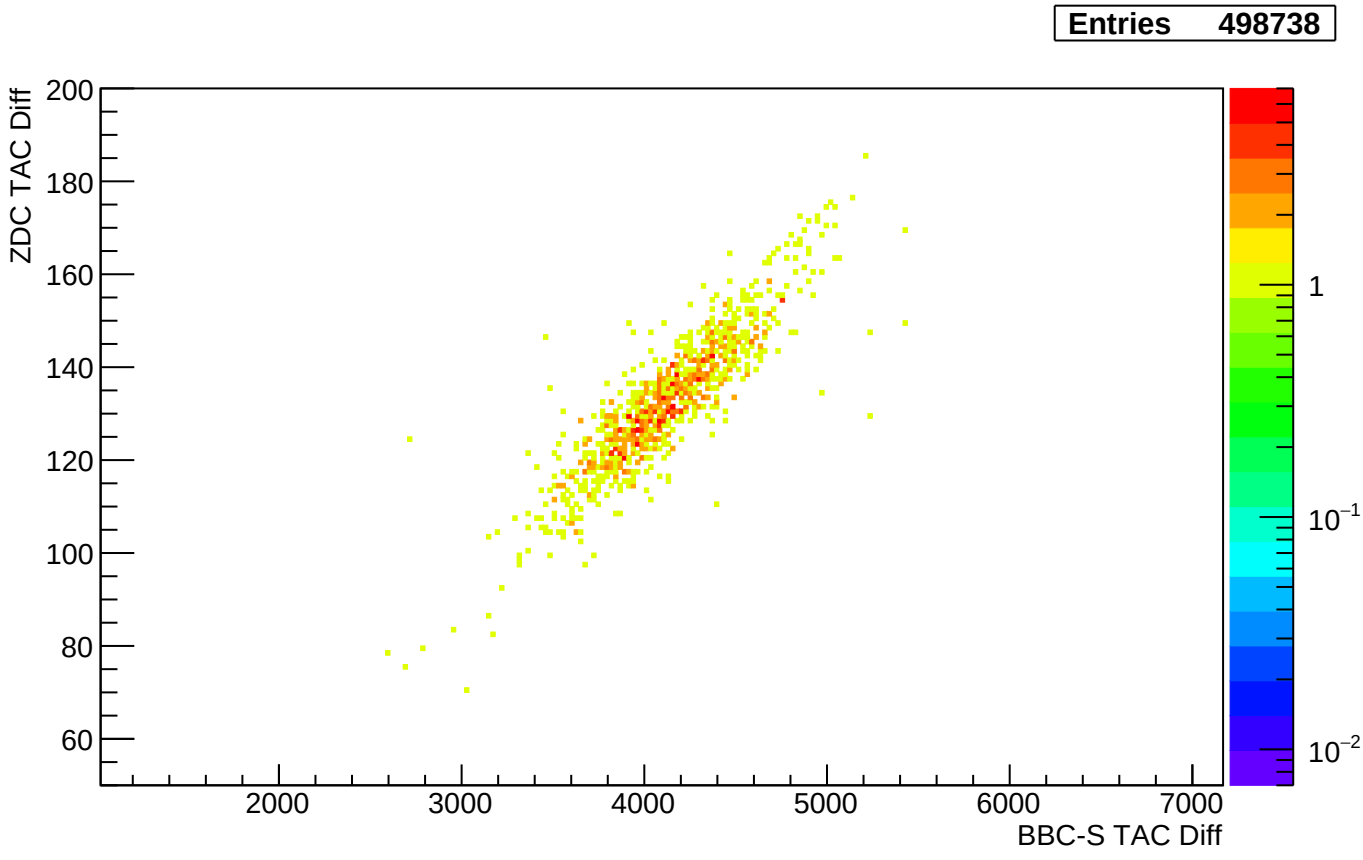

Entries 498738
TOF-Mult
EPD-West Hit Cnt

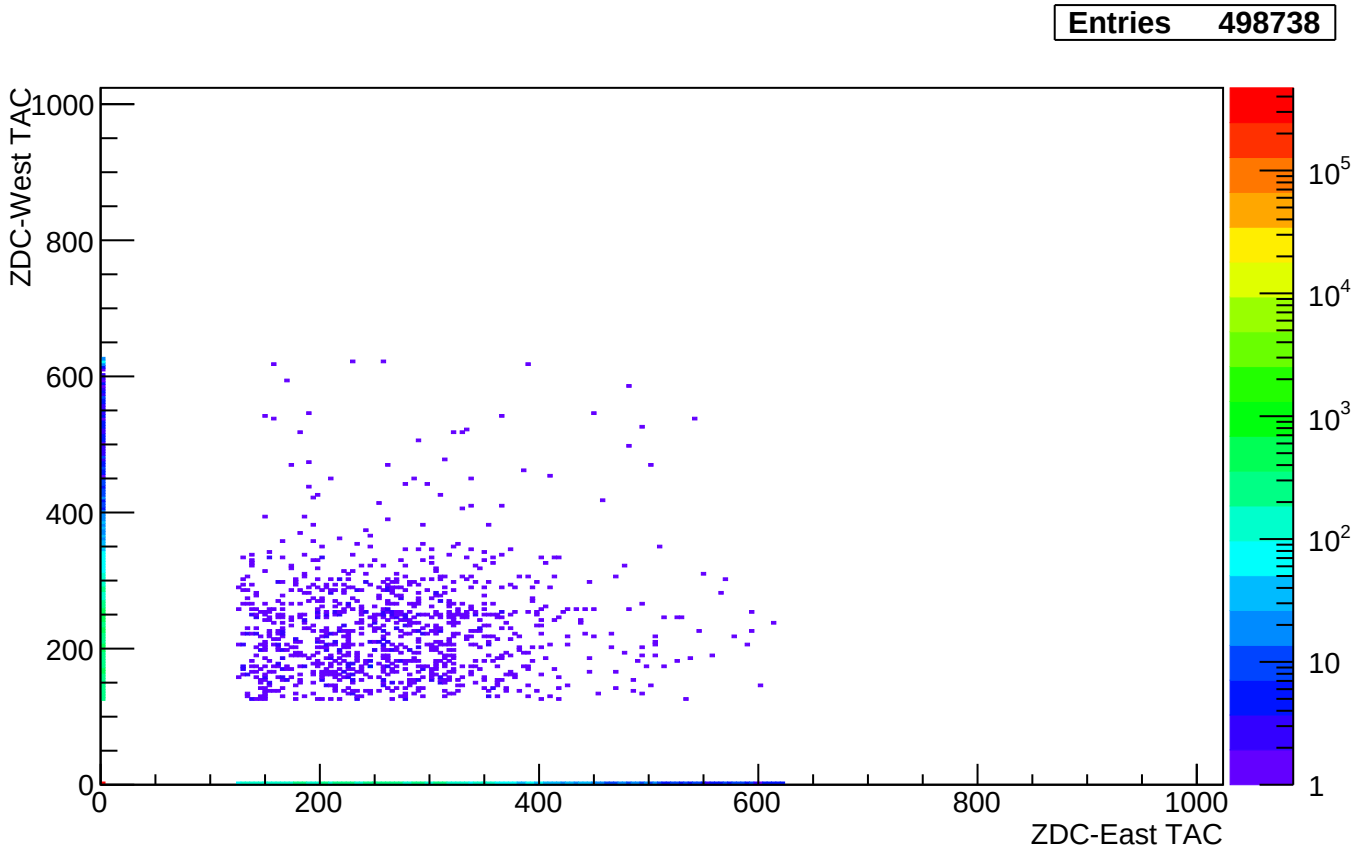

Entries 498738
TOF-Mult
VPD-East ADC Sum

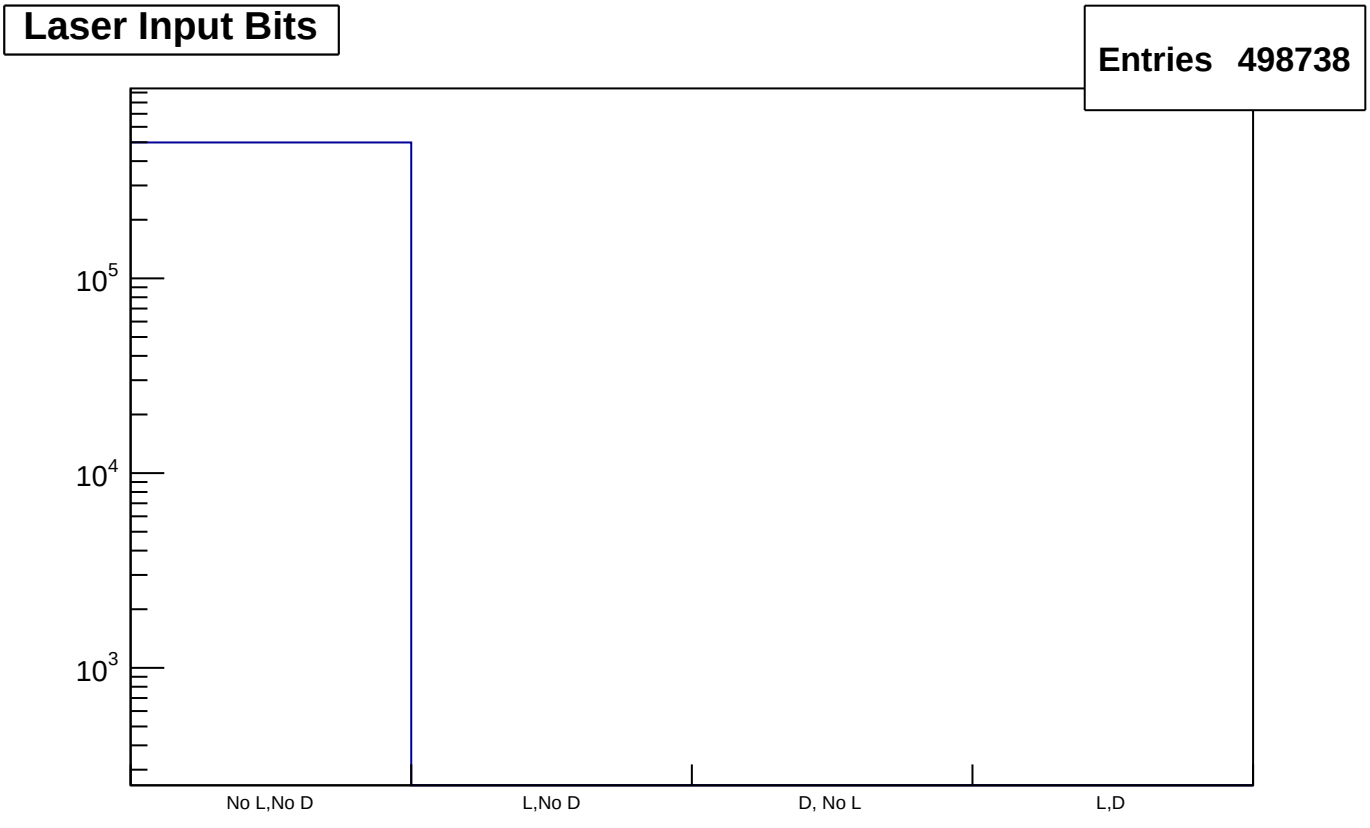

Entries 498738
TOF-Mult
VPD-West ADC Sum

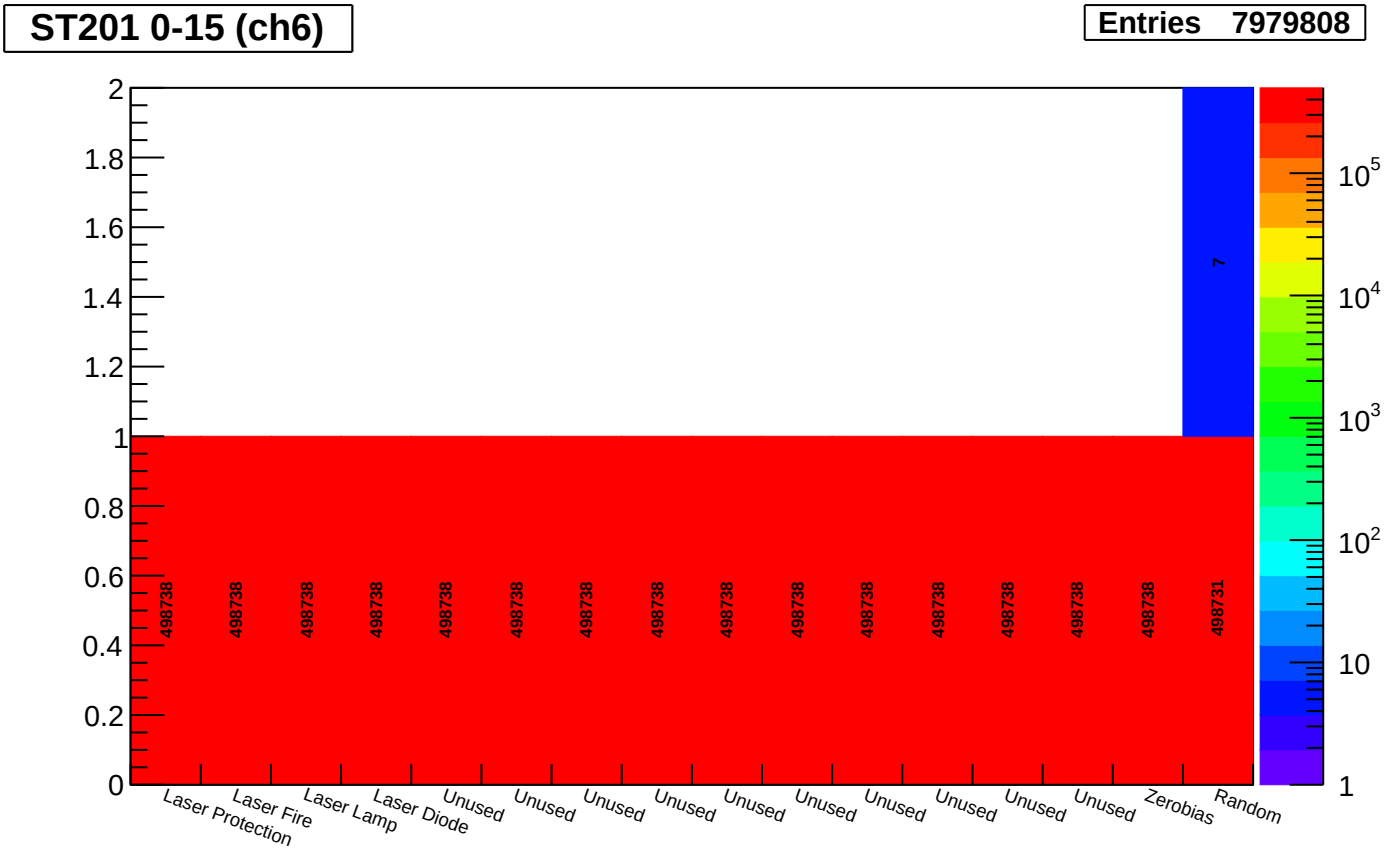

Entries 498738
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

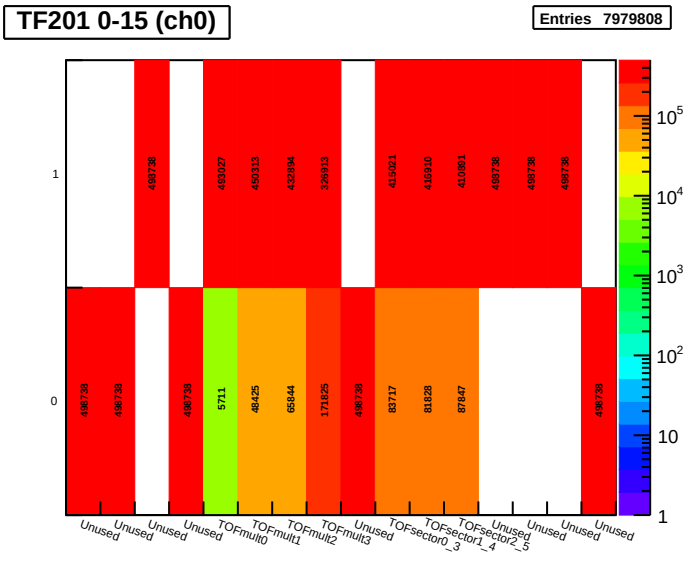

Entries 498738
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}
10^{-2}

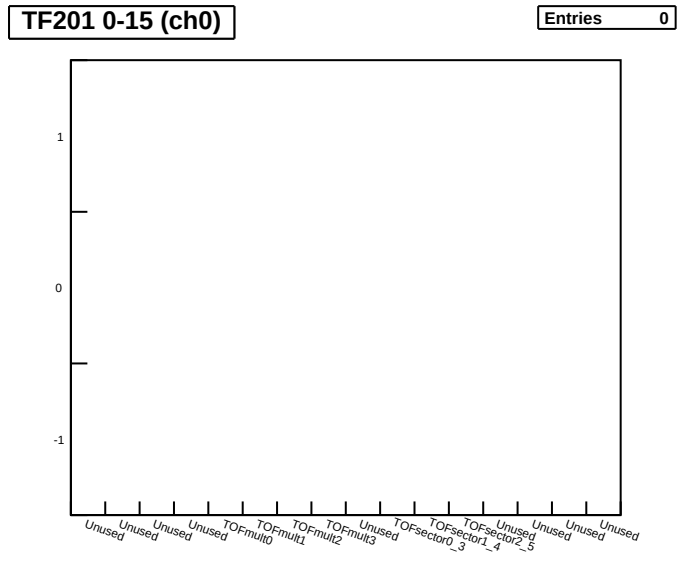

Entries 498738
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

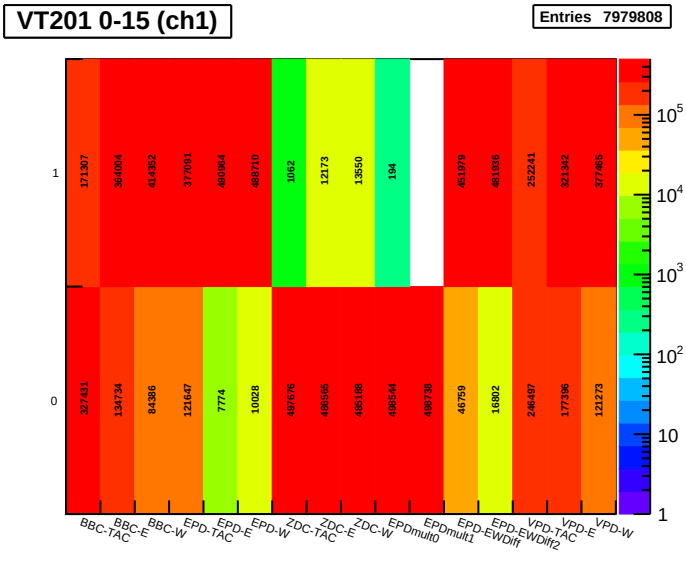

Entries 498738
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

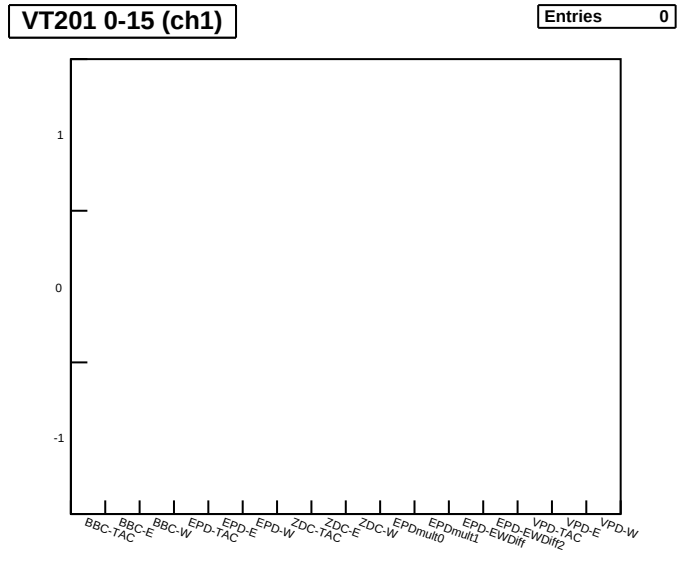

Laser Input Bits
Entries 498738
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

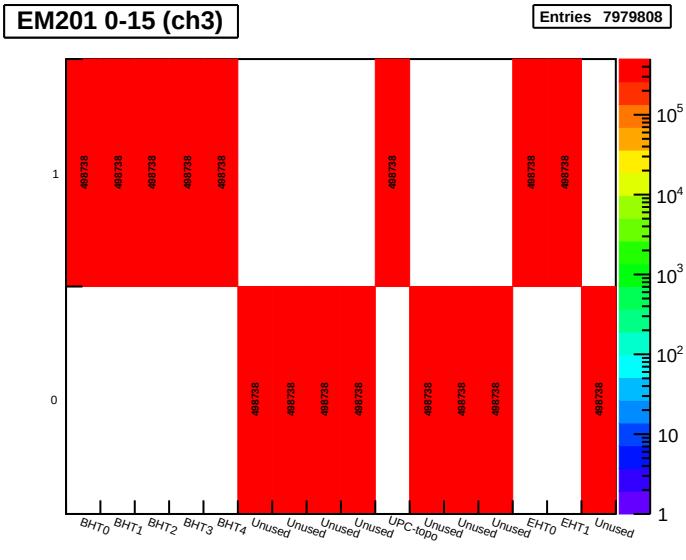

ST201 0-15 (ch6)
Entries 7979808
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
498738
498738
498738
498738
498738
498738
498738
498738
498738
498738
498738
498738
498738
498738
498731
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

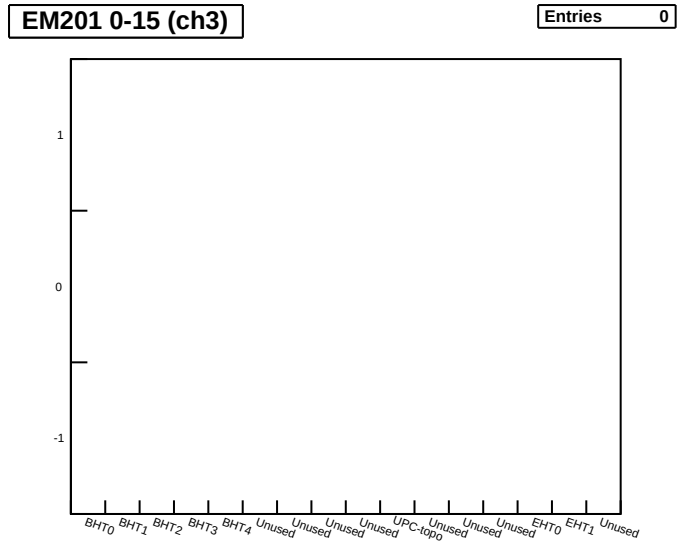

TF201 0-15 (ch0)
Entries 7979808
1
0
498738
453027
450313
432694
326913
415021
416910
410891
498738
498738
498738
498738
498738
498738
5711
48425
65844
171825
83717
81828
87847
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7979808
1
0
171307
364004
414352
370091
490964
488710
1062
12173
13550
194
451979
481936
252241
321342
377465
327431
134734
84386
121647
7774
10028
497676
486565
485188
498544
498738
46759
16802
246497
177396
121273
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 7979808
1
0
498738
498738
498738
498738
498738
498738
498738
498738
498738
498738
498738
498738
498738
498738
498738
498738
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1