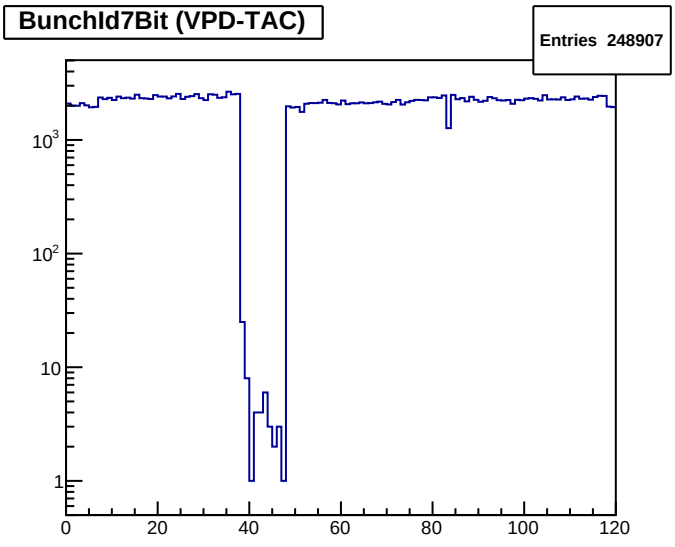
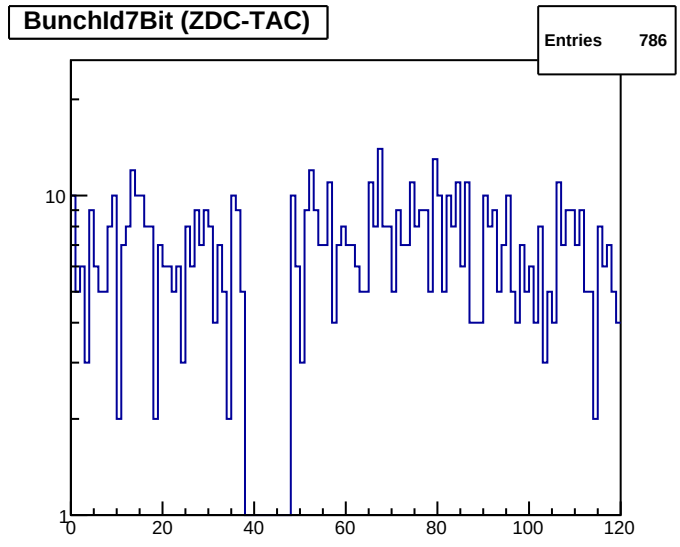
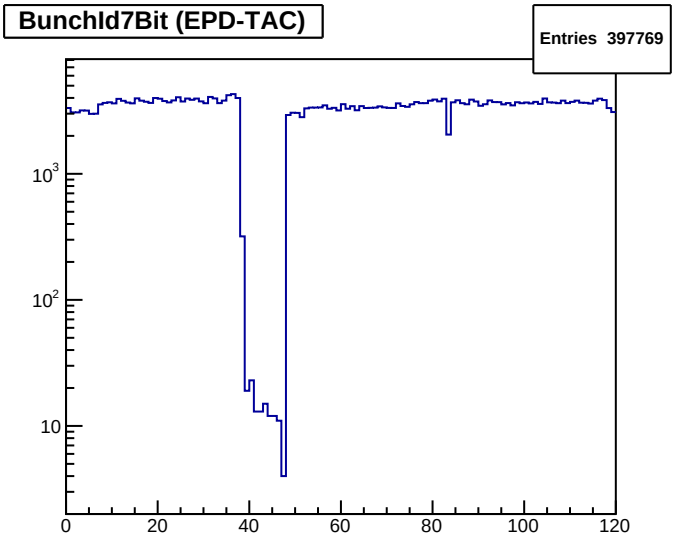
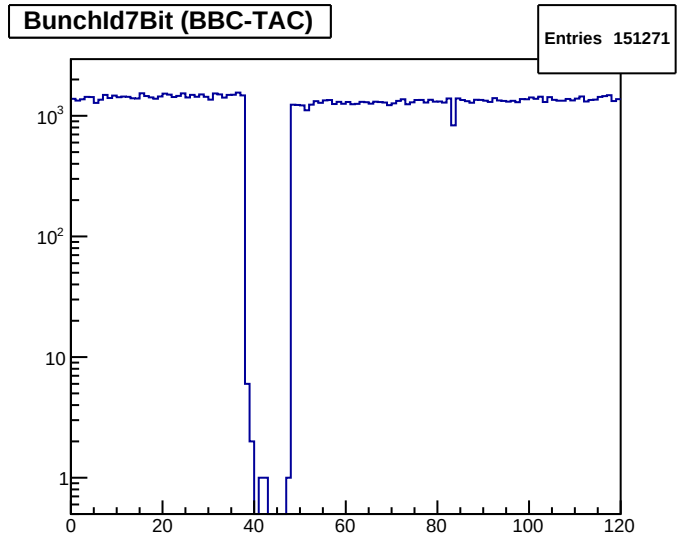
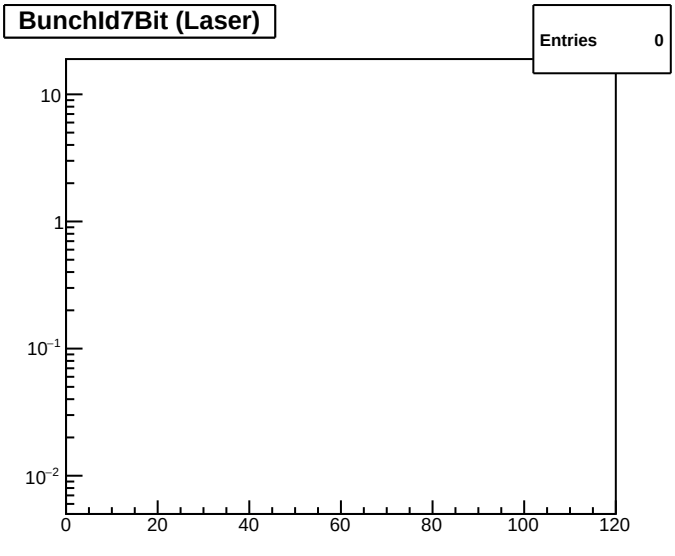
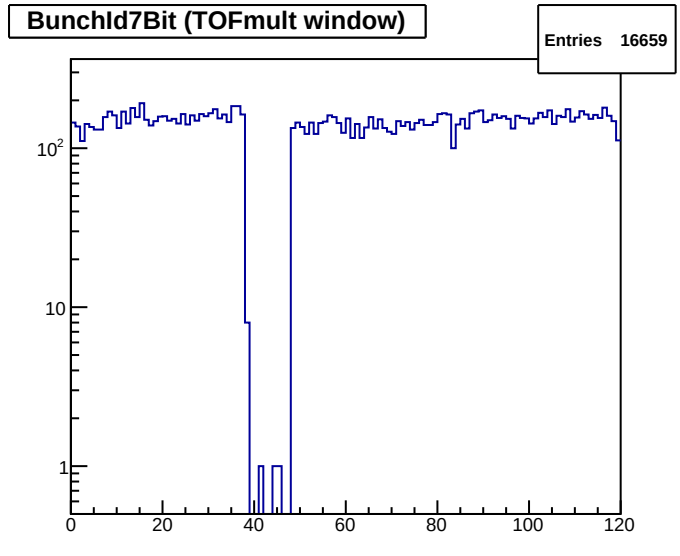

BunchId7Bit (VPD-TAC)
Entries 248907

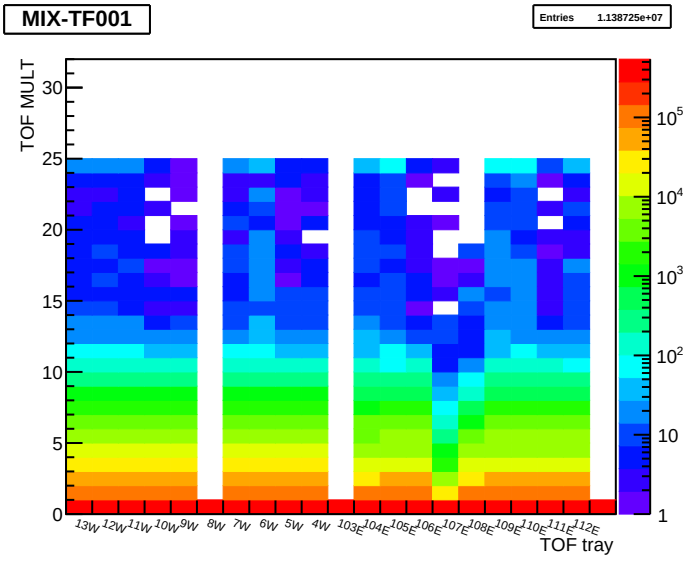

BunchId7Bit (ZDC-TAC)
Entries 786

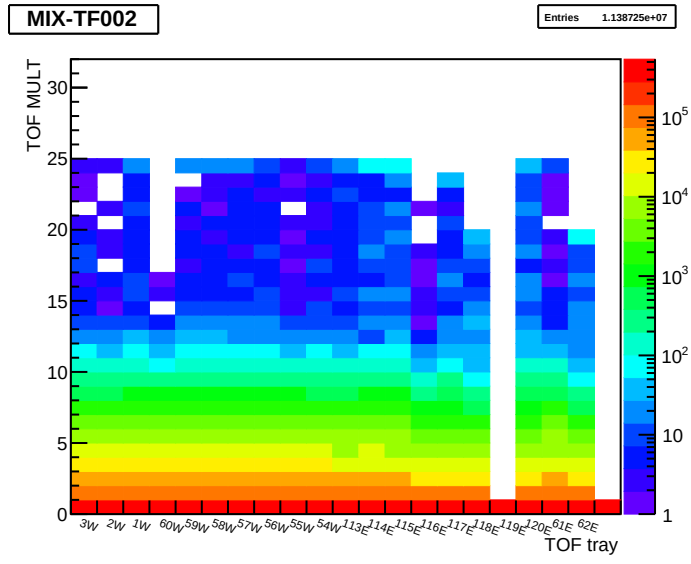

BunchId7Bit (EPD-TAC)
Entries 397769

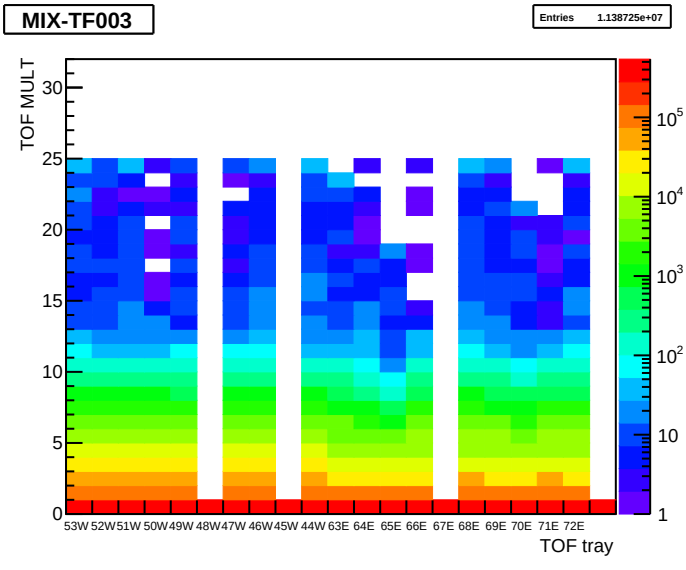

BunchId7Bit (BBC-TAC)
Entries 151271

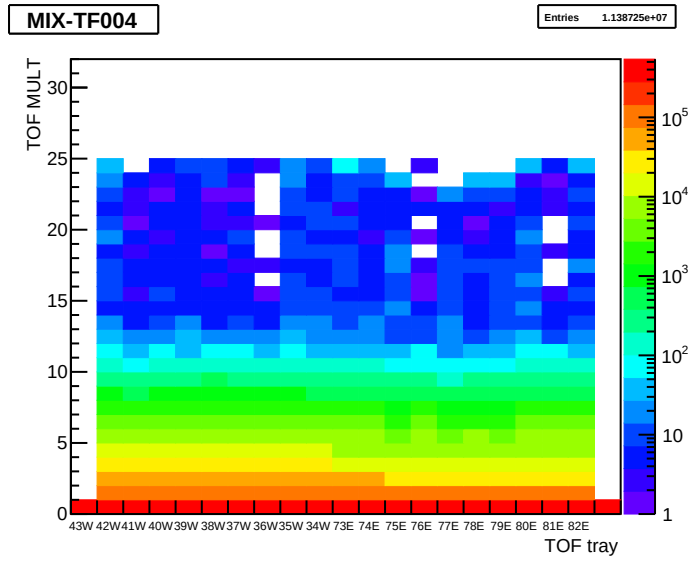

BunchId7Bit (Laser)
Entries 0

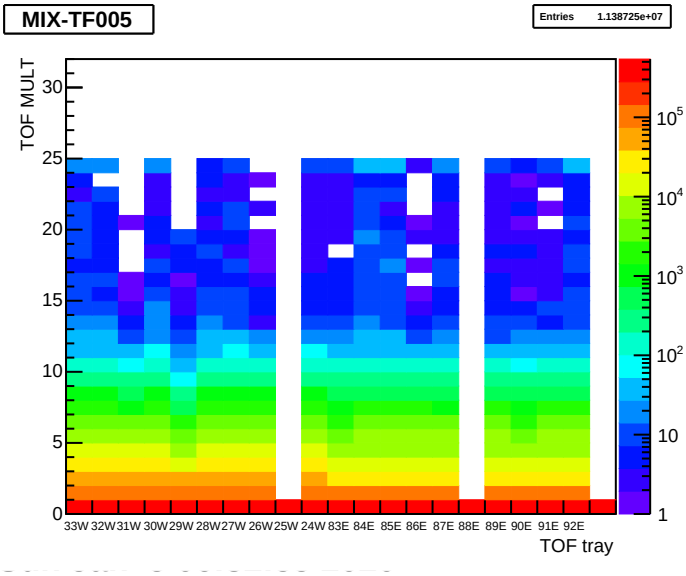

BunchId7Bit (TOFmult window)
Entries 16659

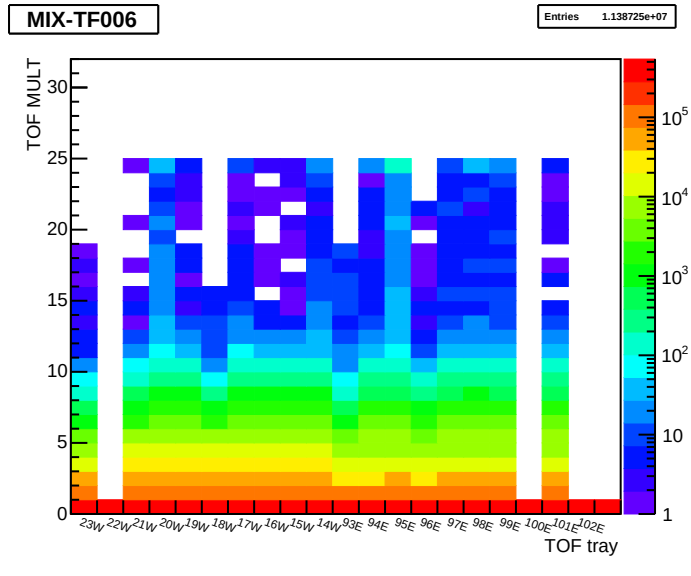

MIX-TF001
Entries 1.138725e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

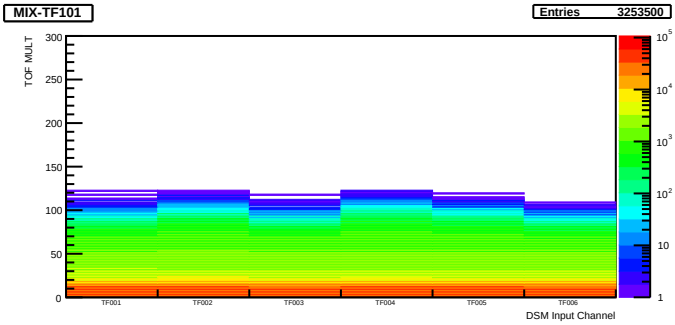

MIX-TF002
Entries 1.138725e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

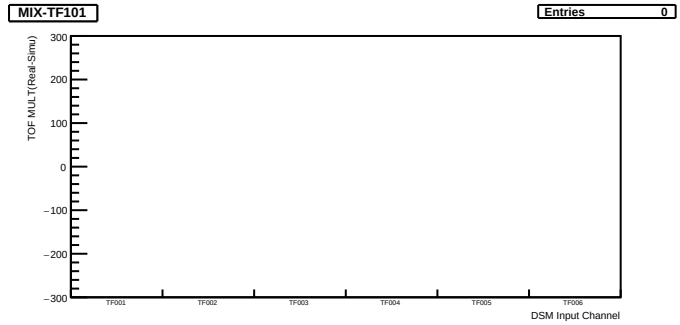

MIX-TF003
Entries 1.138725e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

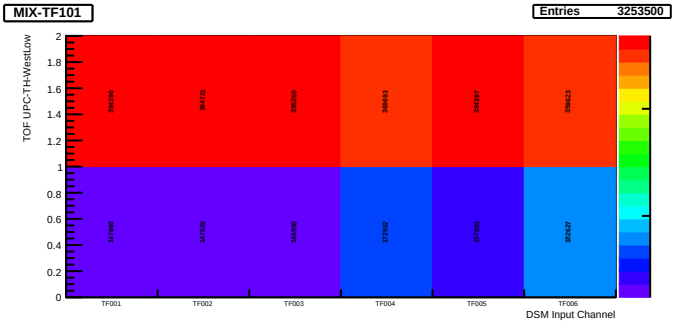

MIX-TF004
Entries 1.138725e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

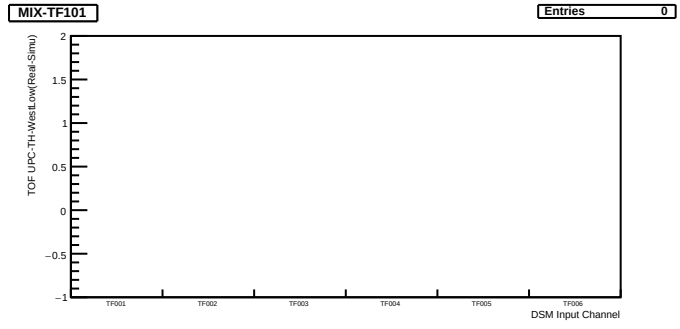

MIX-TF005
Entries 1.138725e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

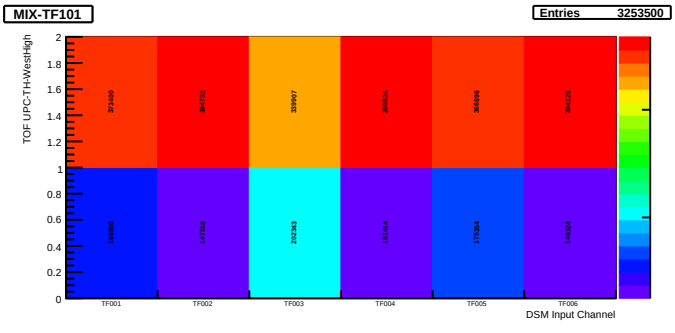

MIX-TF006
Entries 1.138725e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

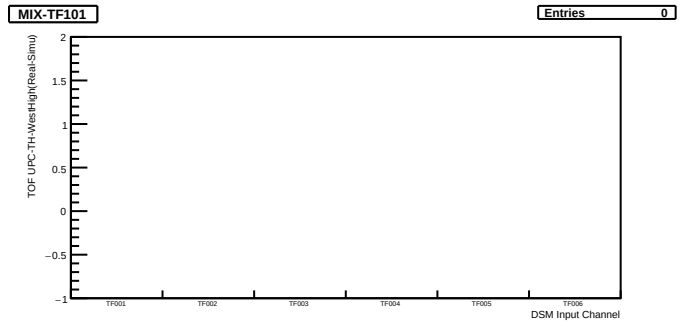

MIX-TF101
Entries 3253500
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

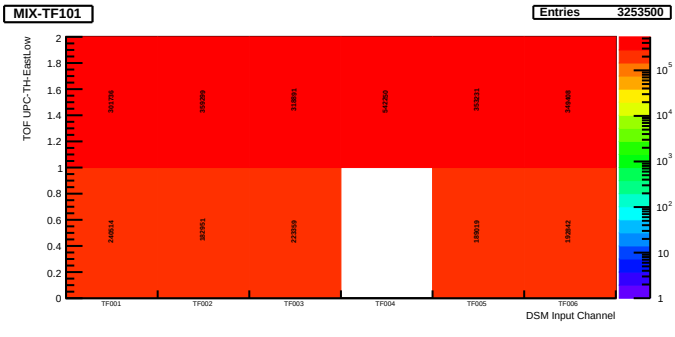

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

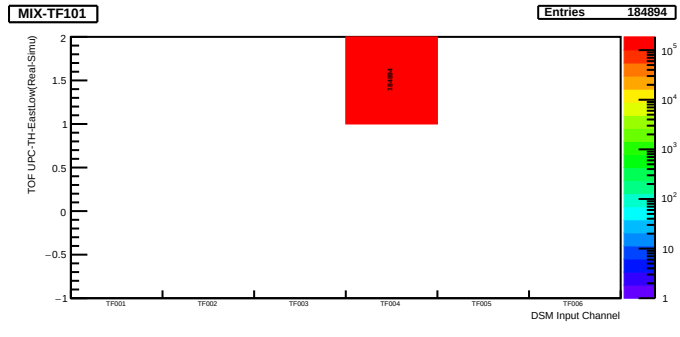

MIX-TF101
Entries 3253500
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

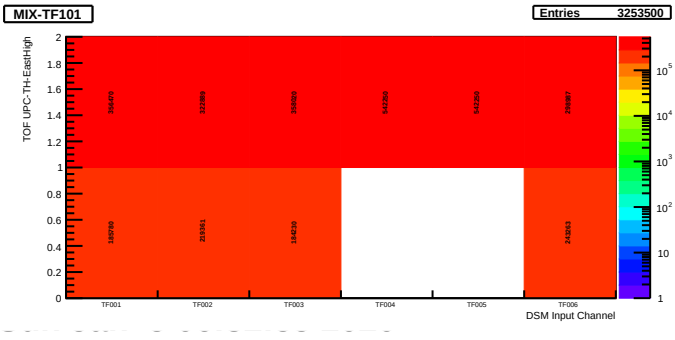

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

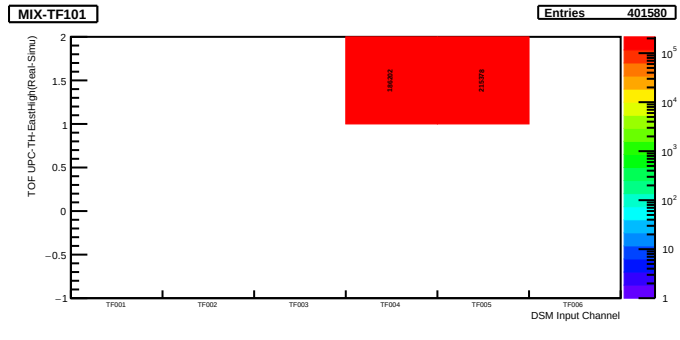

MIX-TF101
Entries 3253500
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

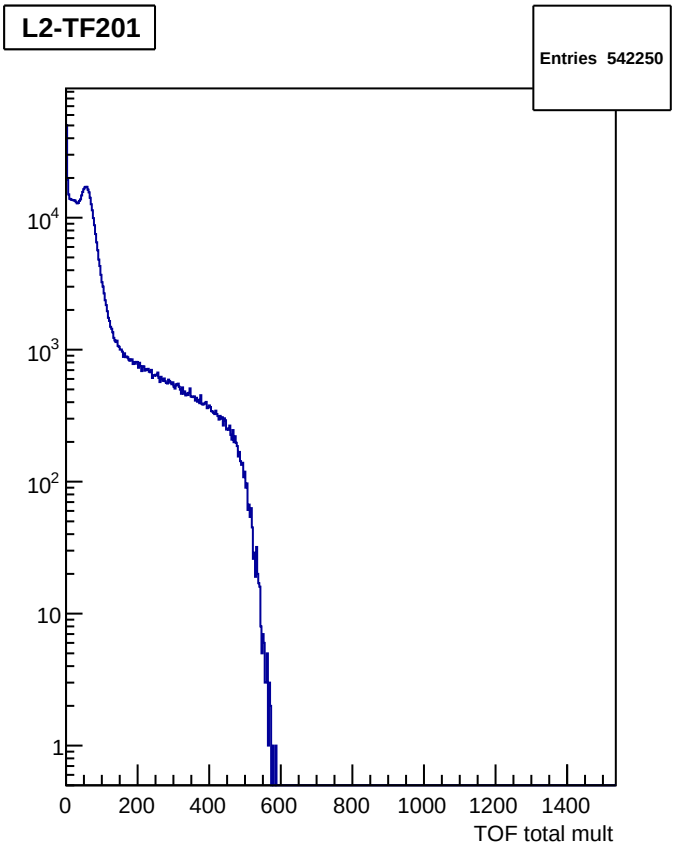

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

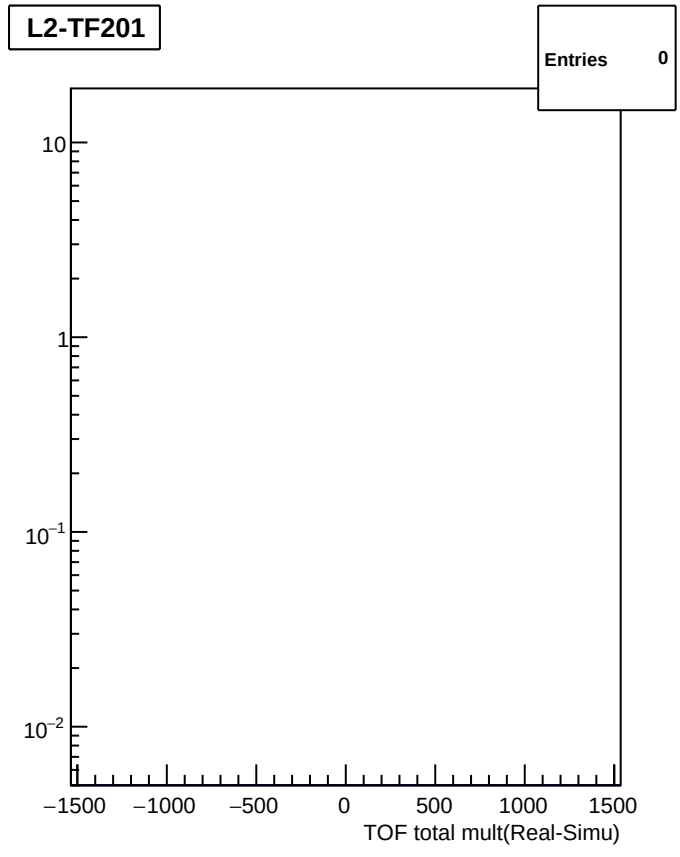

MIX-TF101
Entries 3253500
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

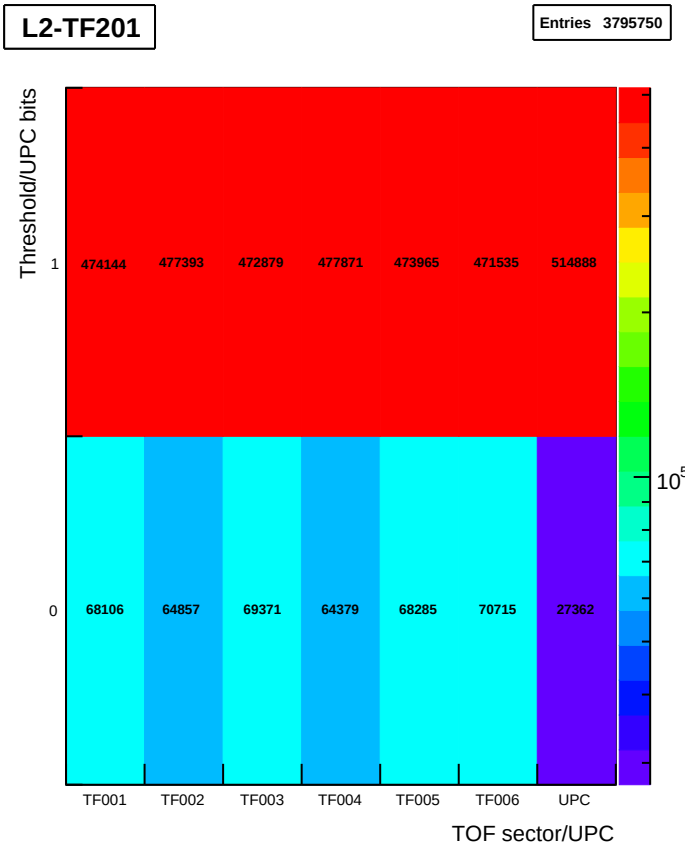

MIX-TF101
Entries 184894
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

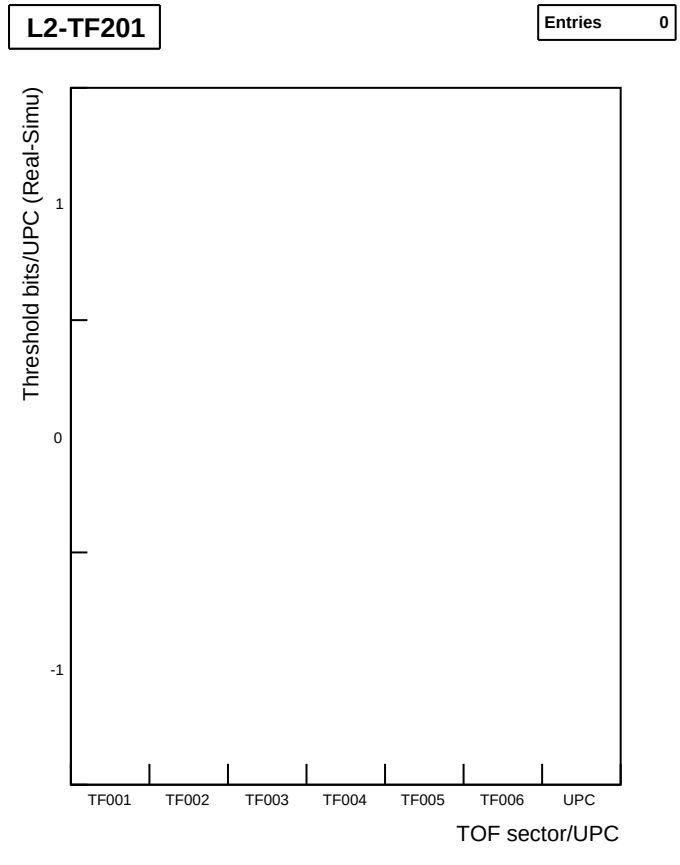

MIX-TF101
Entries 3253500
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

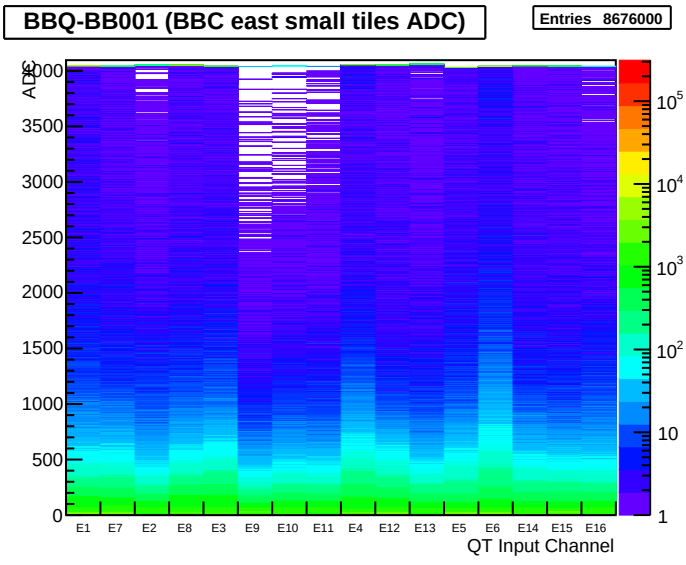

MIX-TF101
Entries 401580
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

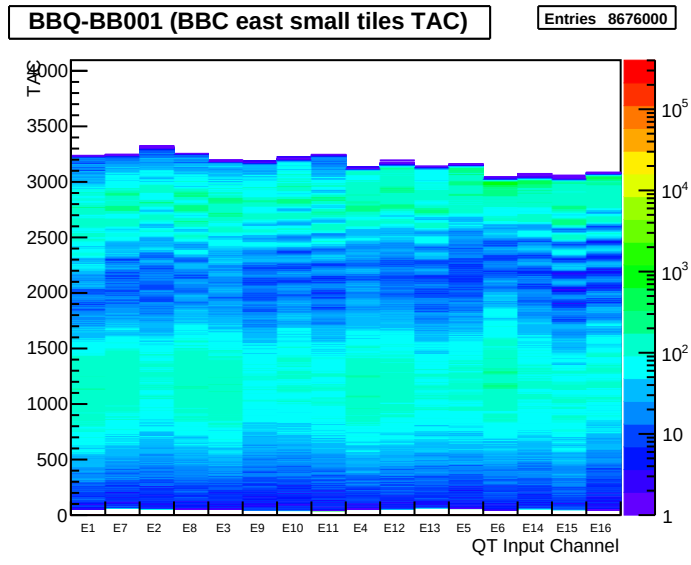

L2-TF201
Entries 542250
TOF total mult

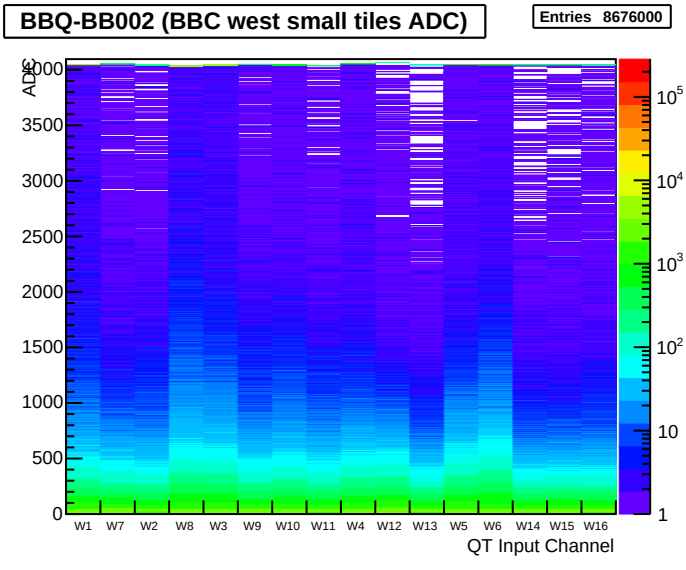

L2-TF201
Entries 0
TOF total mult(Real-Simu)

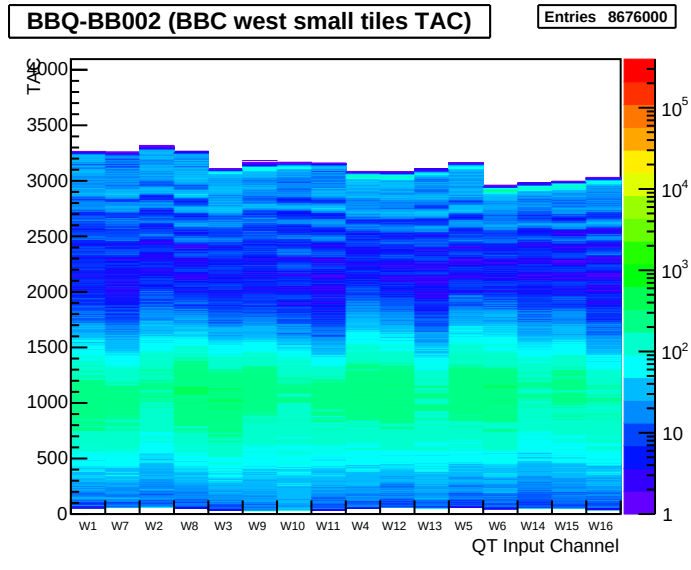

L2-TF201
Entries 3795750
Threshold/UPC bits
474144
477393
472879
477871
473965
471535
514888
68106
64857
69371
64379
68285
70715
27362
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

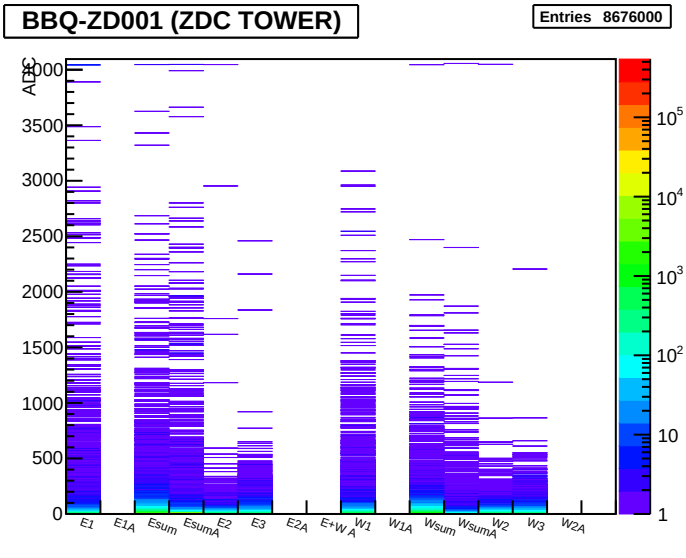

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

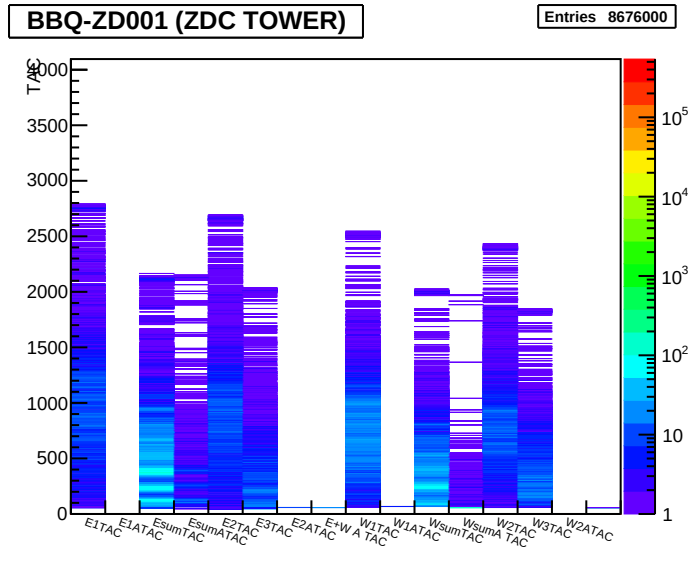

BBQ-BB001 (BBC east small tiles ADC)
Entries 8676000
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

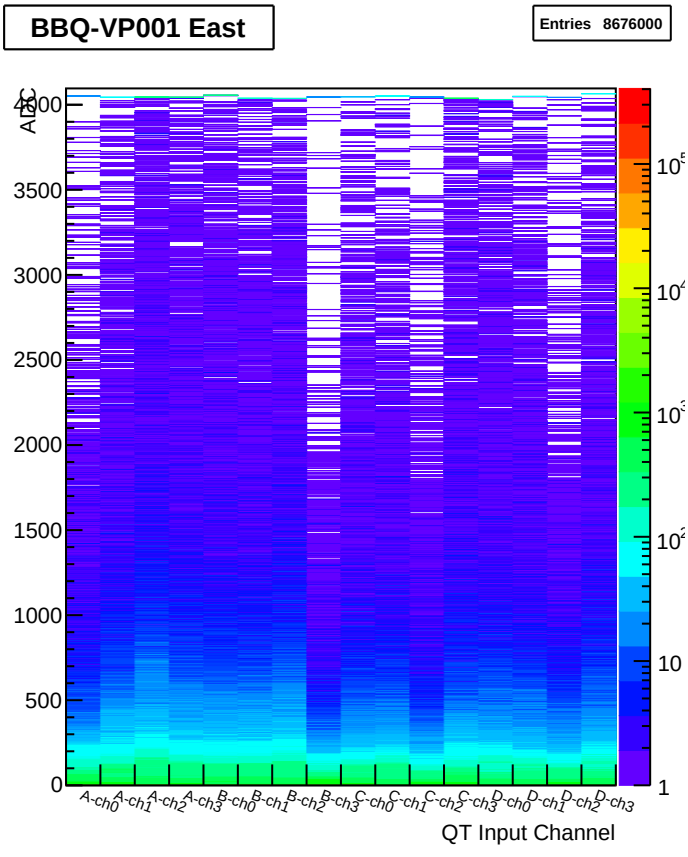

BBQ-BB001 (BBC east small tiles TAC)
Entries 8676000
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

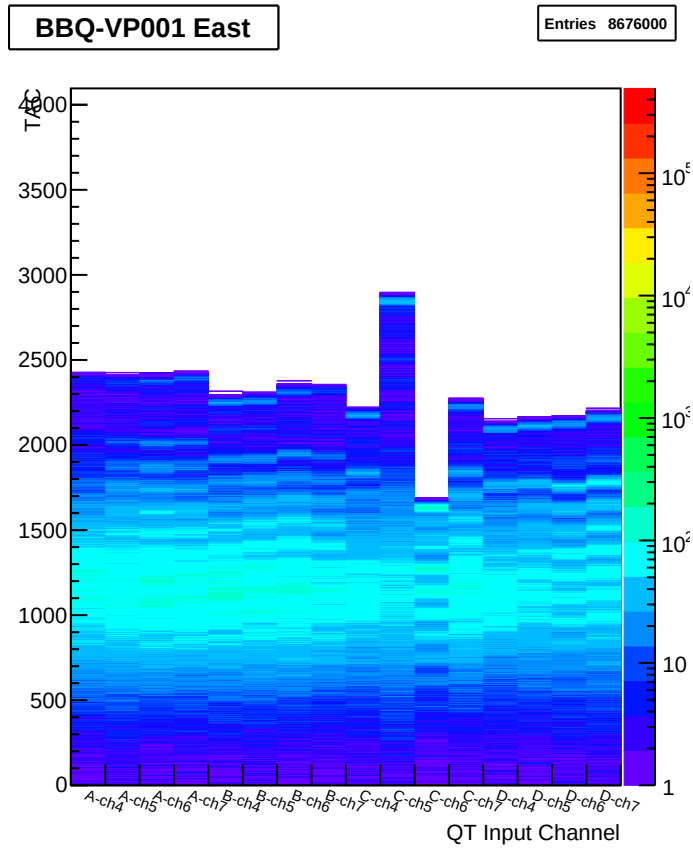

BBQ-BB002 (BBC west small tiles ADC)
Entries 8676000
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

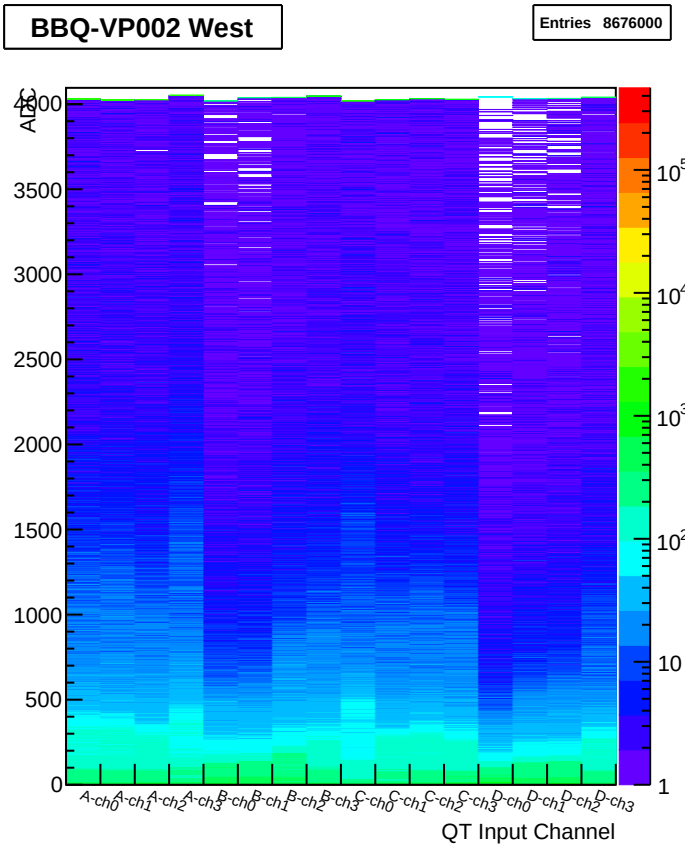

BBQ-BB002 (BBC west small tiles TAC)
Entries 8676000
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

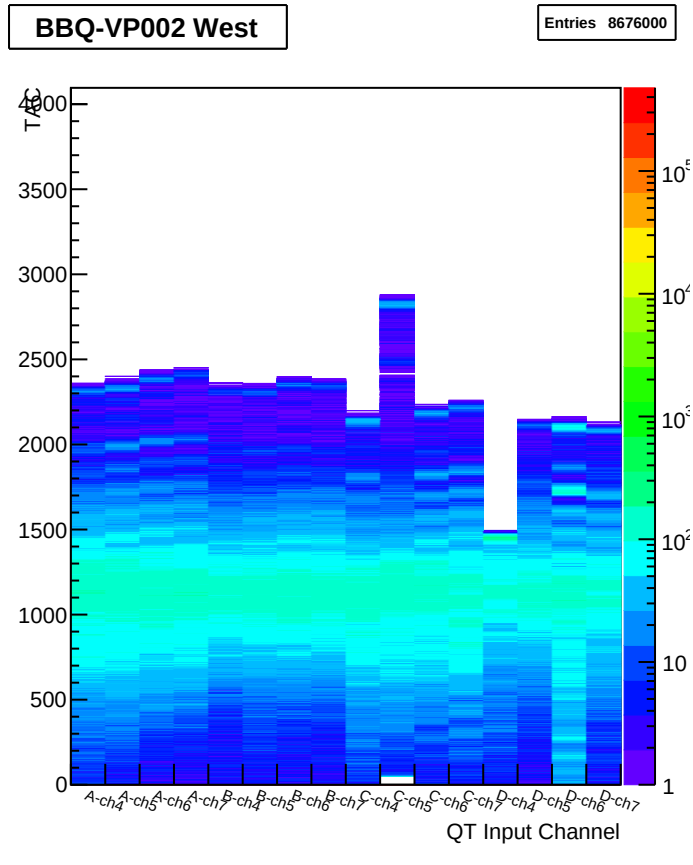

BBQ-ZD001 (ZDC TOWER)
Entries 8676000
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

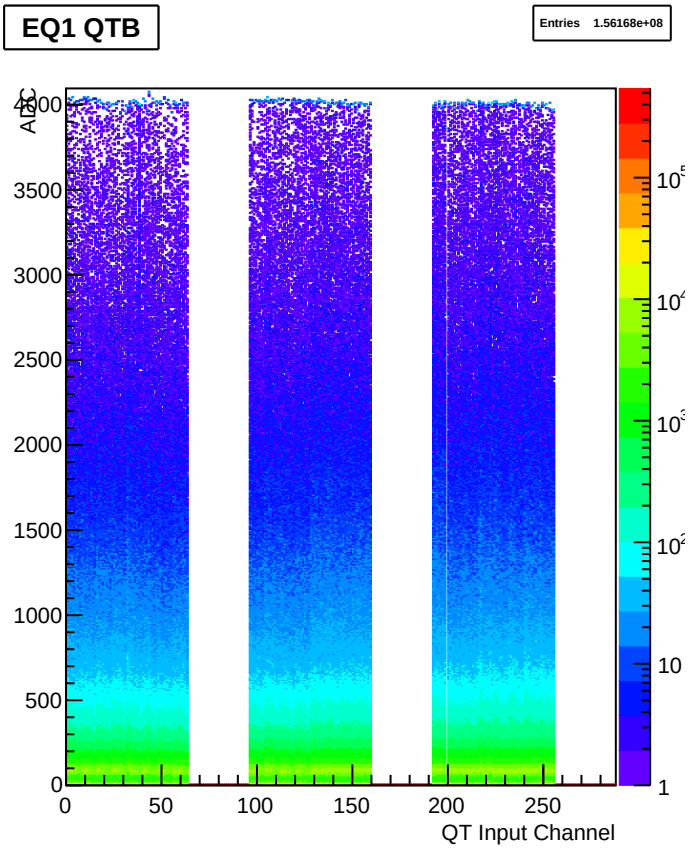

BBQ-ZD001 (ZDC TOWER)
Entries 8676000
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

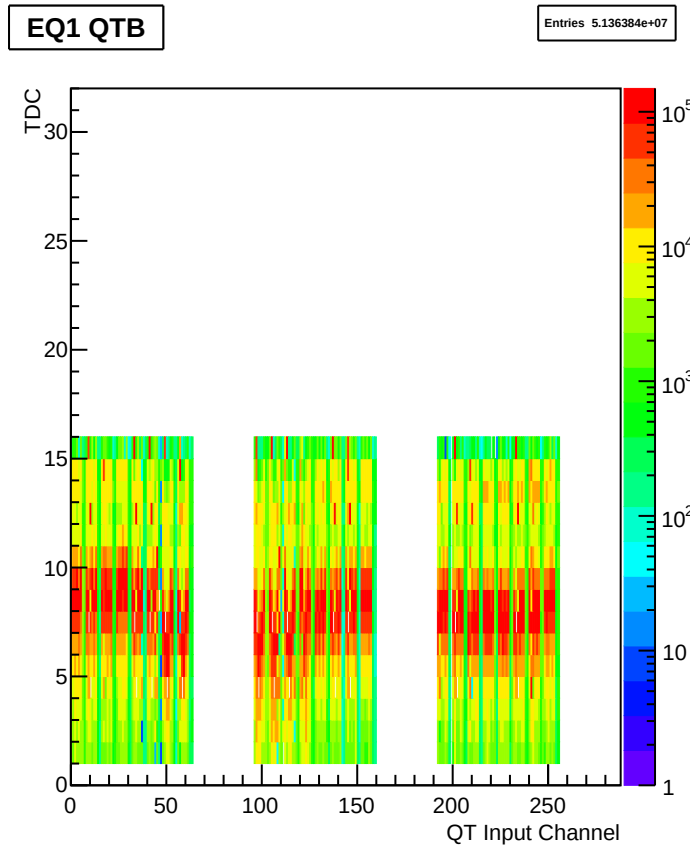

BBQ-VP001 East
Entries 8676000
ADC
QT Input Channel

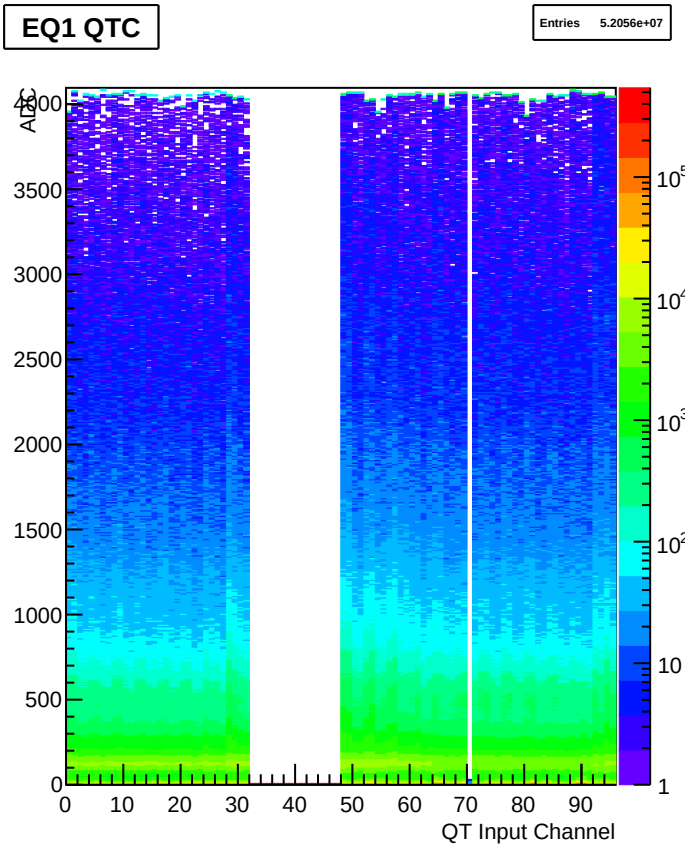

BBQ-VP001 East
Entries 8676000
TADC
QT Input Channel

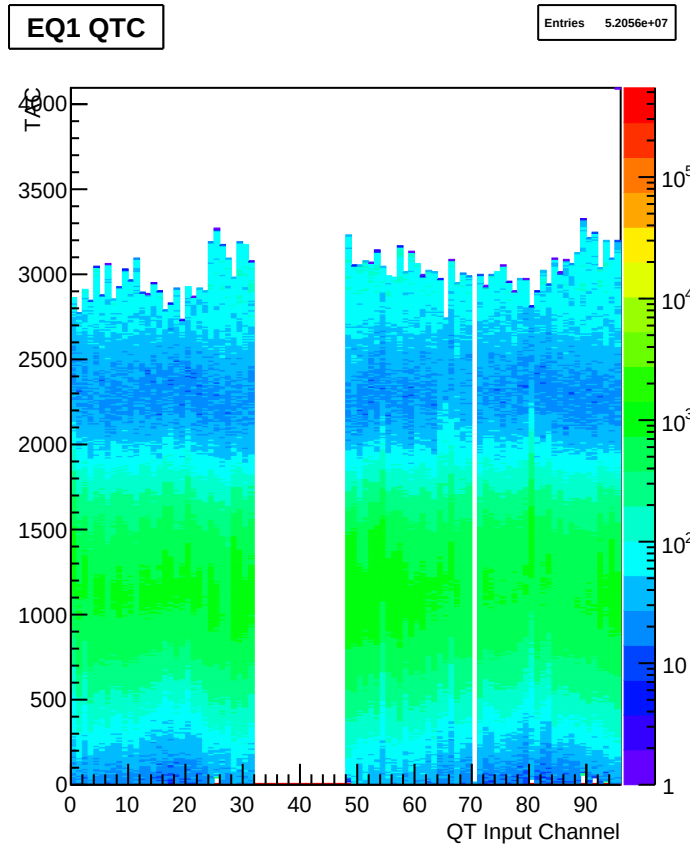

BBQ-VP002 West
Entries 8676000
ADC
QT Input Channel

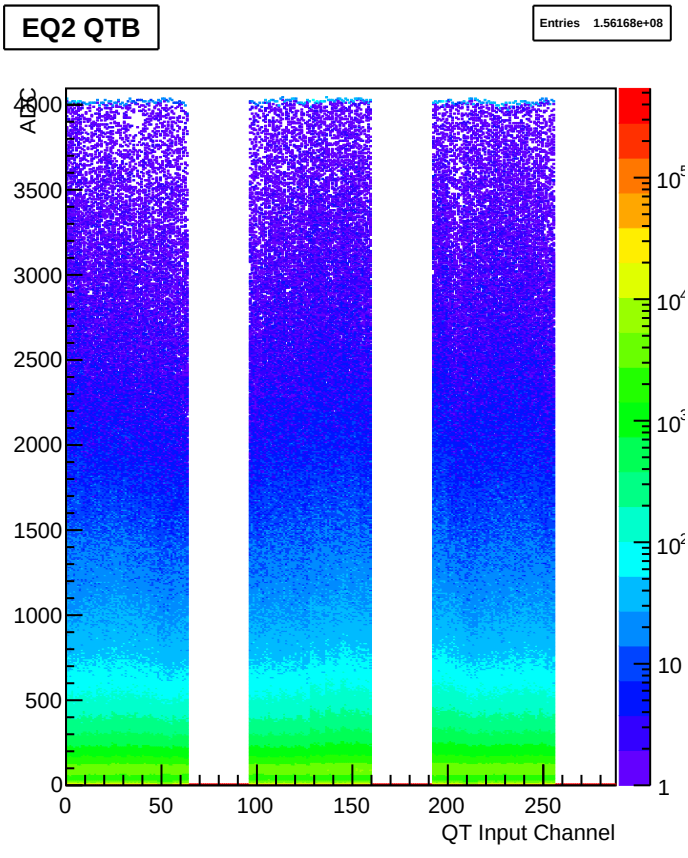

BBQ-VP002 West
Entries 8676000
TADC
QT Input Channel

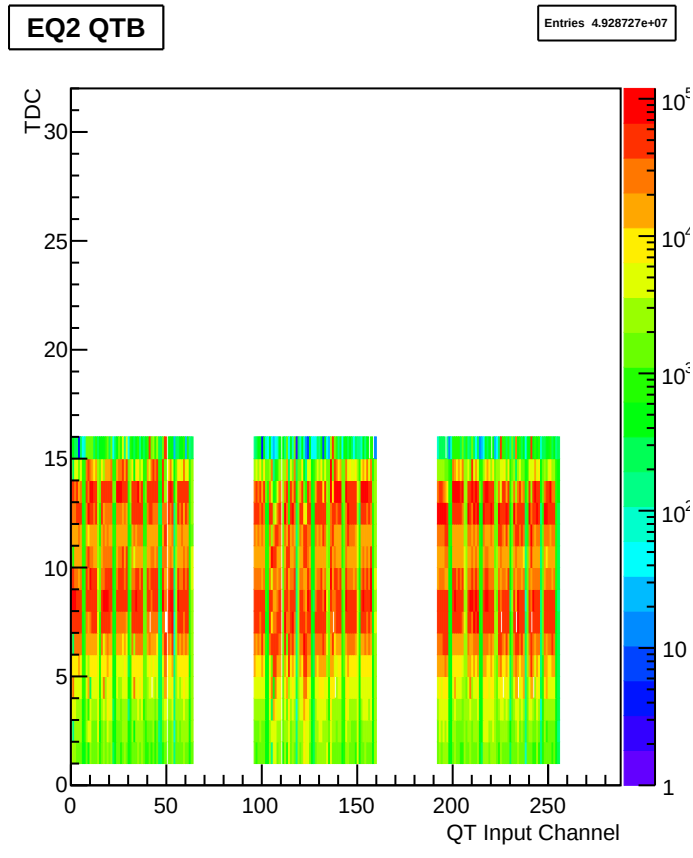

EQ1 QTB
Entries 1.56168e+08
ADC
QT Input Channel

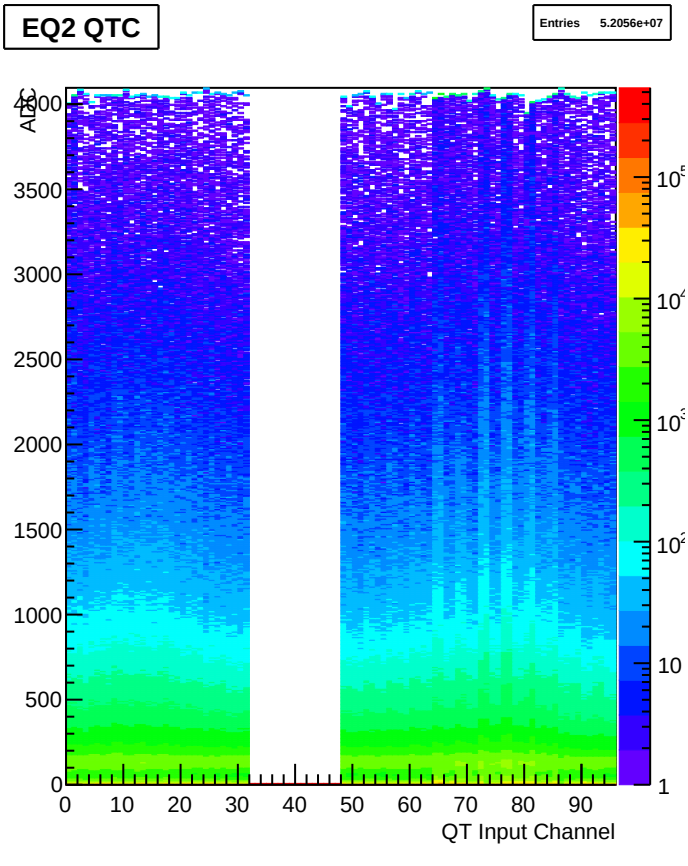

EQ1 QTB
Entries 5.136384e+07
TDC
QT Input Channel

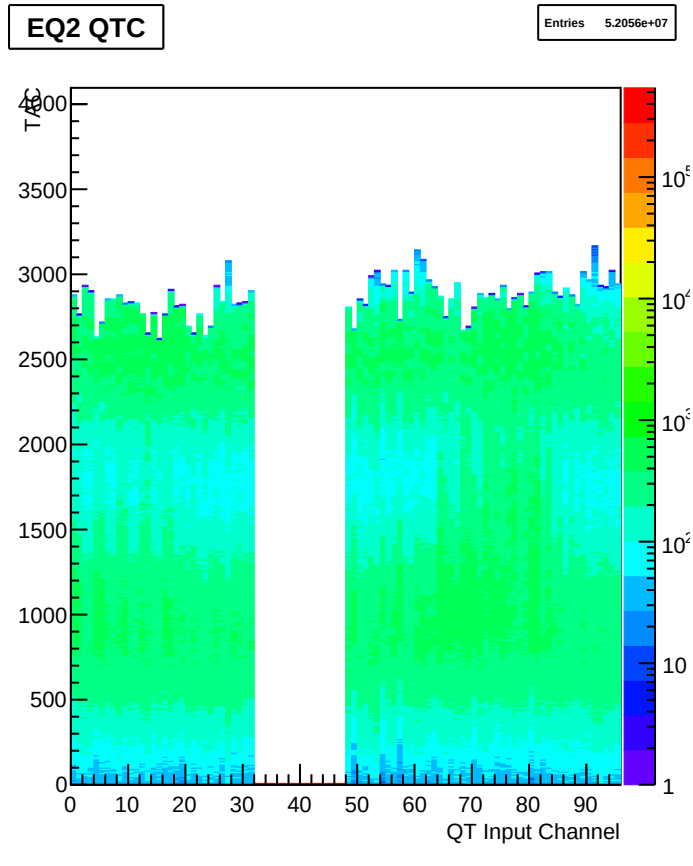

EQ1 QTC
Entries 5.2056e+07
ADC
QT Input Channel

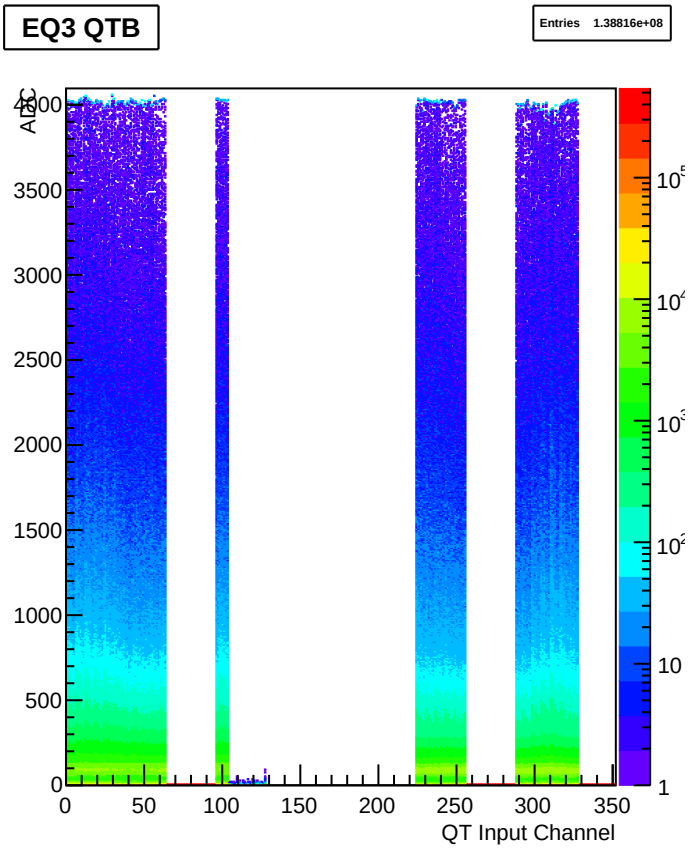

EQ1 QTC
Entries 5.2056e+07
TADC
QT Input Channel

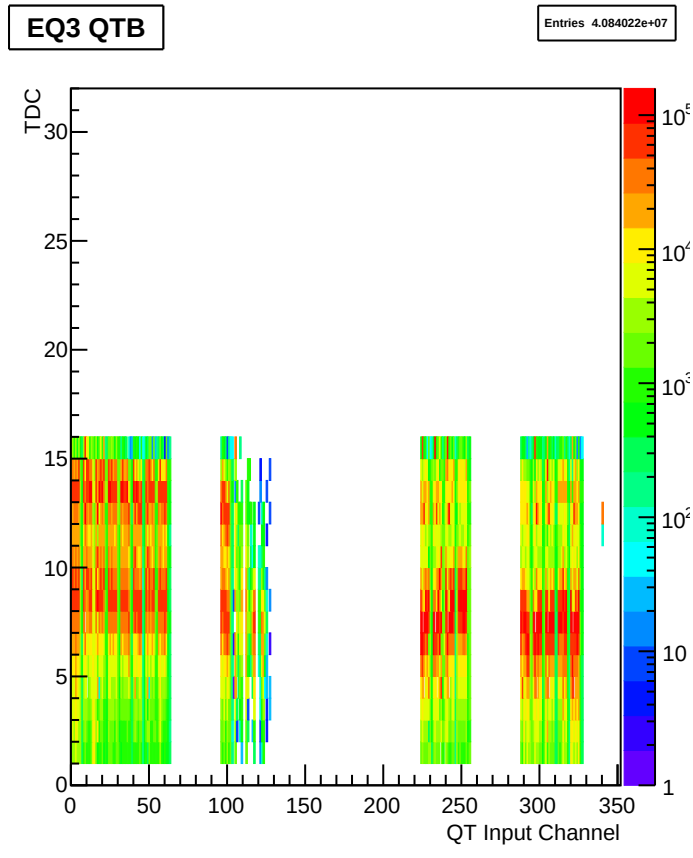

EQ2 QTB
Entries 1.56168e+08
ADC
QT Input Channel

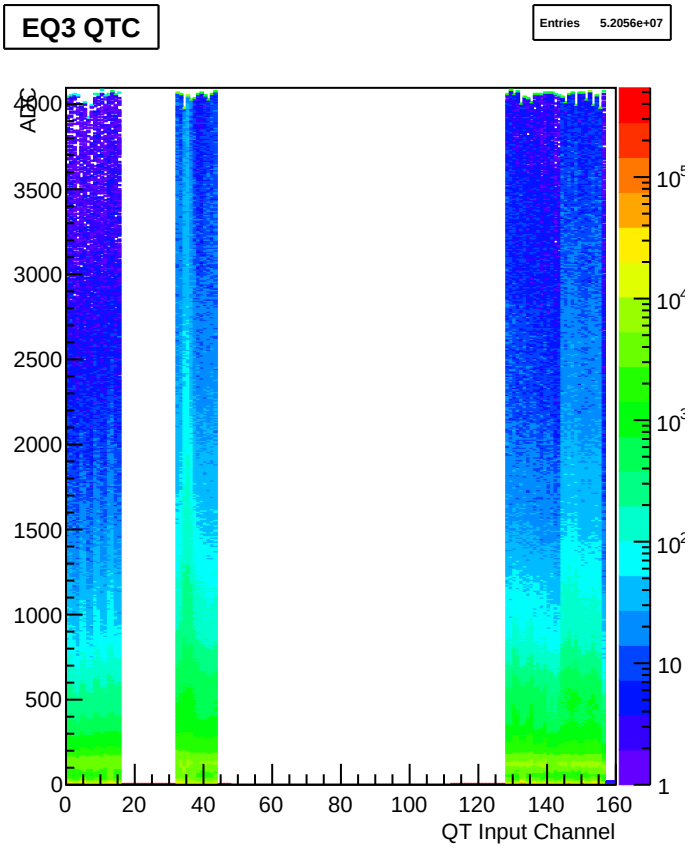

EQ2 QTB
Entries 4.928727e+07
TDC
QT Input Channel

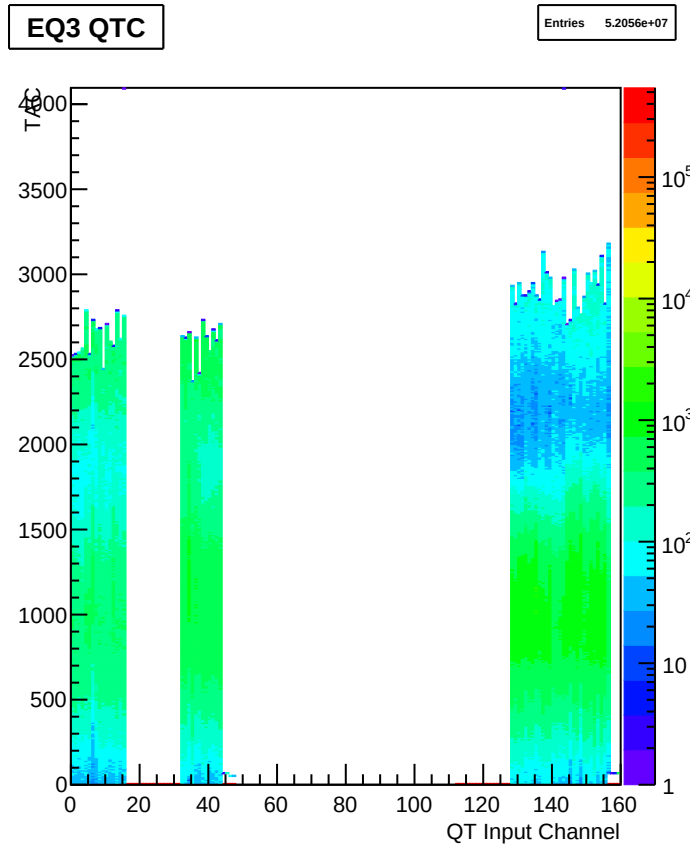

EQ2 QTC
Entries 5.2056e+07
ADC
QT Input Channel

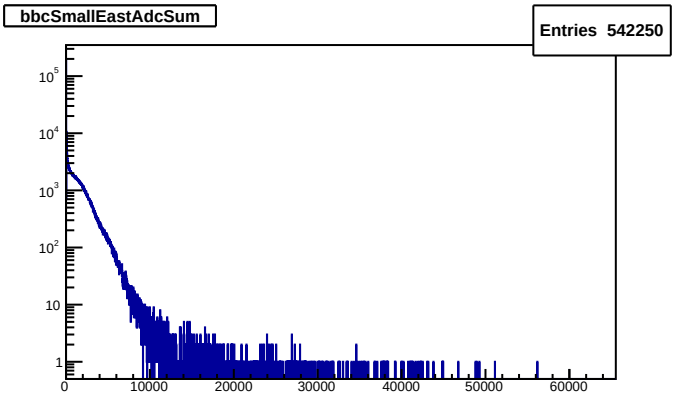

EQ2 QTC
Entries 5.2056e+07
TADC
QT Input Channel

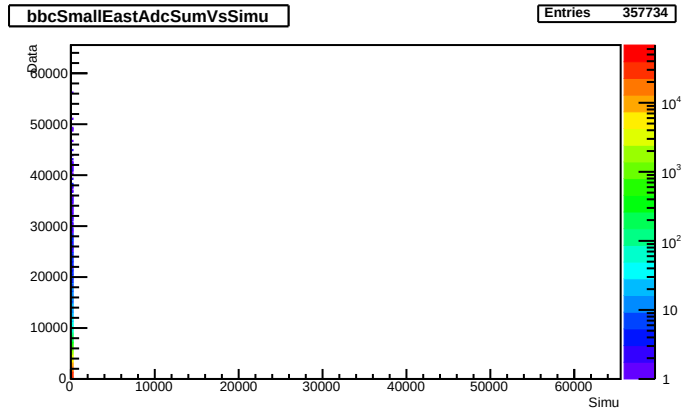

EQ3 QTB
Entries 1.38816e+08
ADC
QT Input Channel

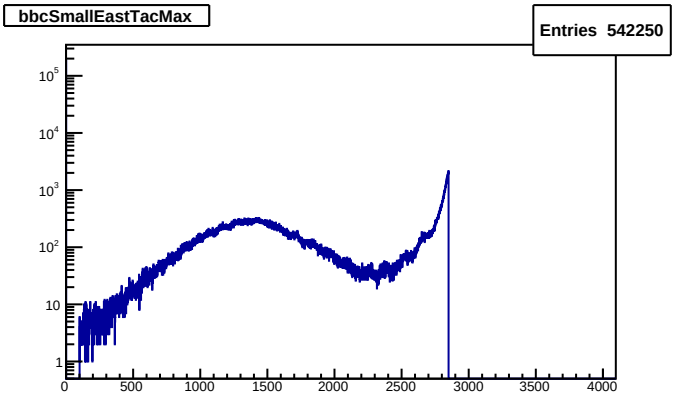

EQ3 QTB
Entries 4.084022e+07
TDC
QT Input Channel

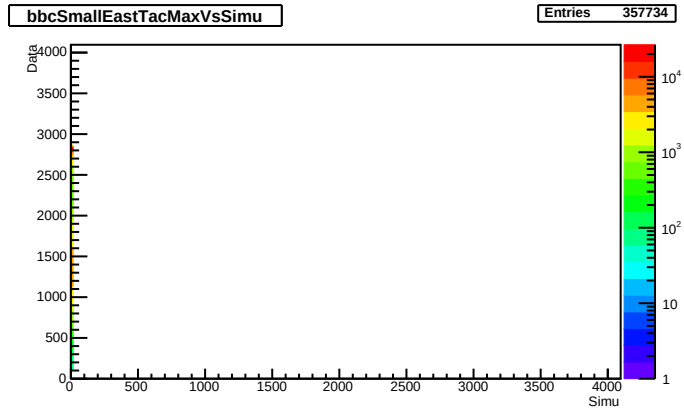

EQ3 QTC
Entries 5.2056e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.2056e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 542250


bbcSmallEastAdcSumVsSimu
Entries 357734
Data
Simu


bbcSmallEastTacMax
Entries 542250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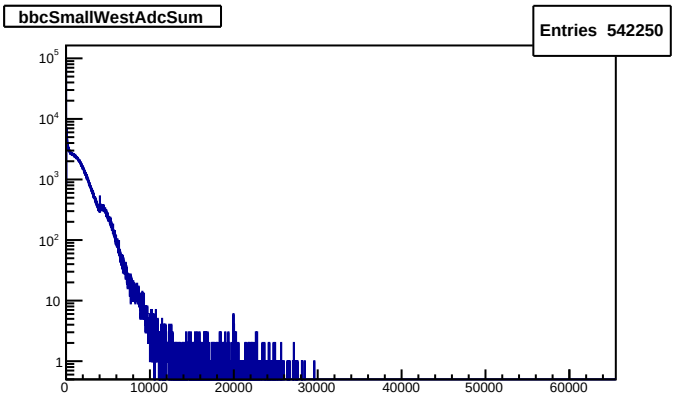
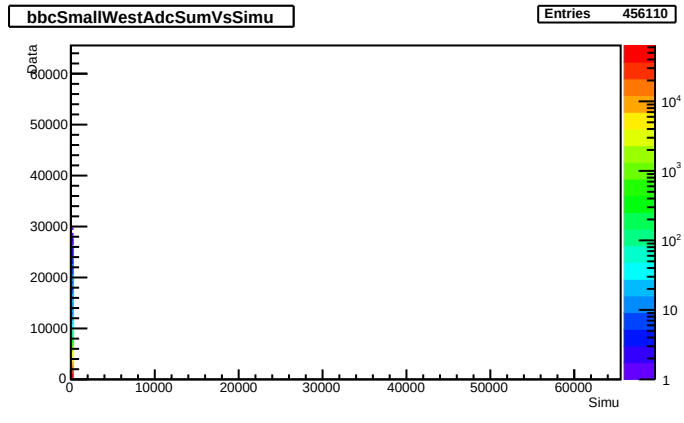

bbcSmallWestAdcSum
Entries 542250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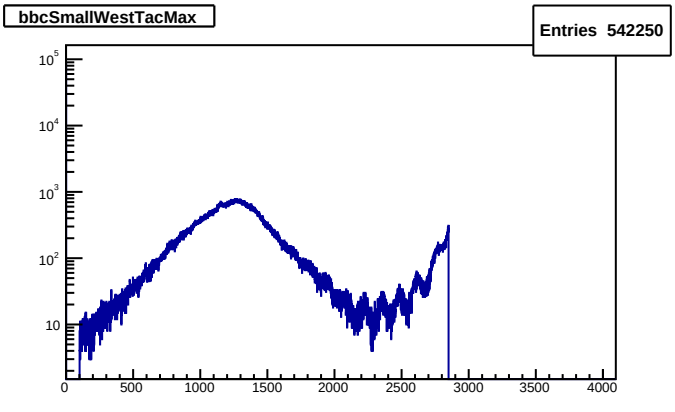
Entries 456110
Data
Simu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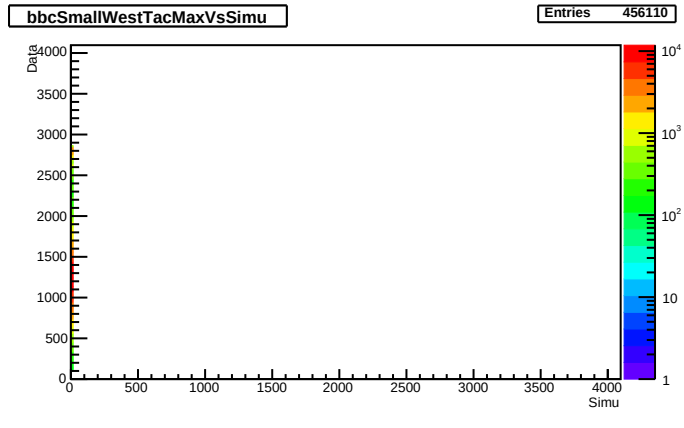
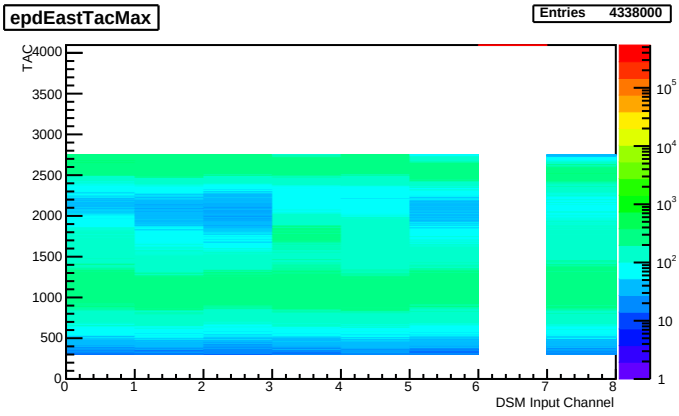
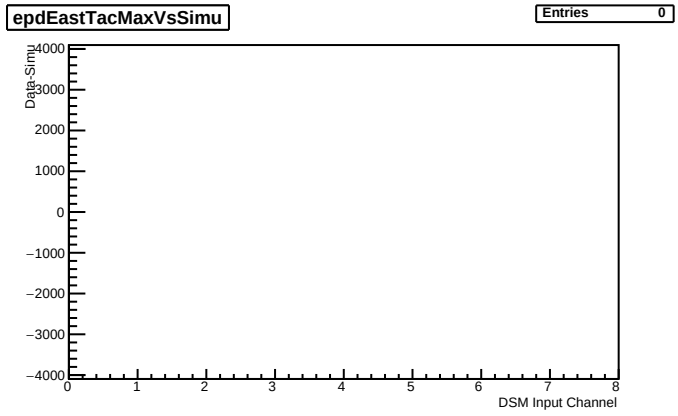
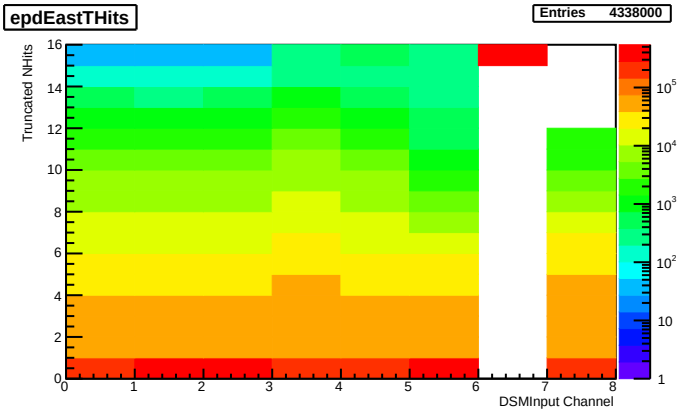

bbcSmallWestTacMaxVsSimu
Entries 456110
Data
Simu


epdEastTacMax
Entries 4338000
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 4338000
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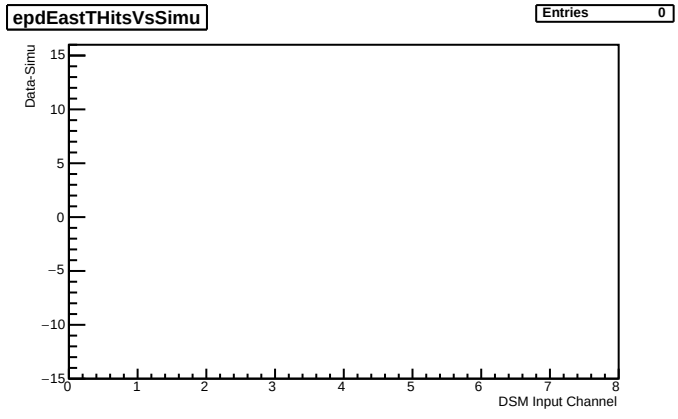
DSMInput Channel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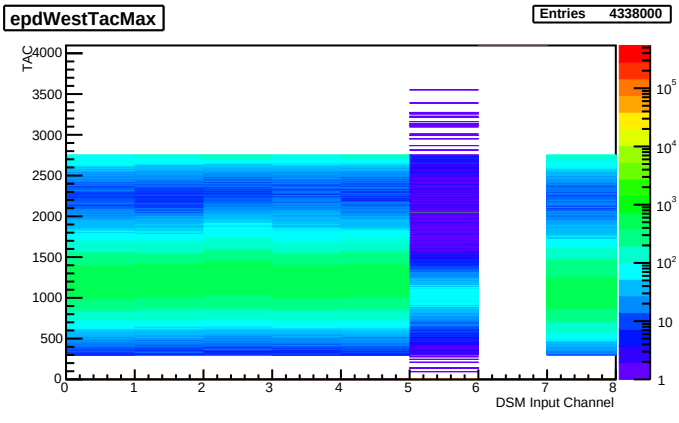
DSM Input Channel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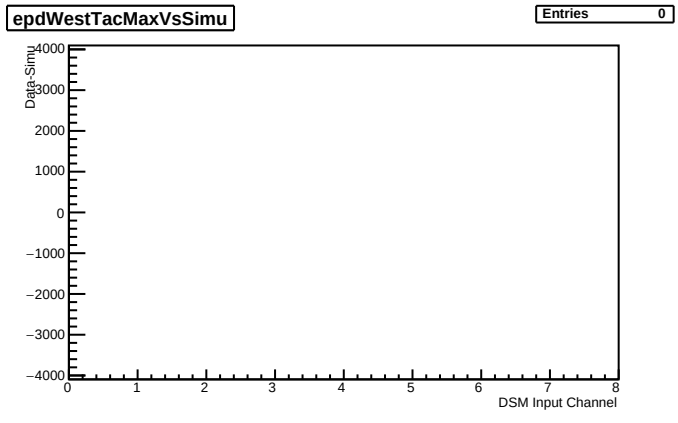
DSM Input Channel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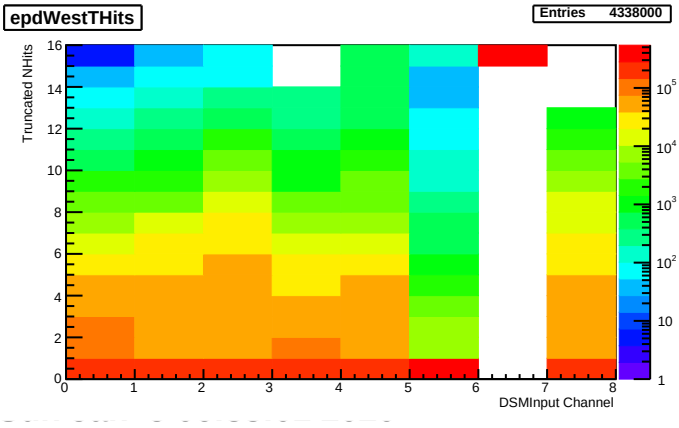
Data-Simu
DSM Input Channel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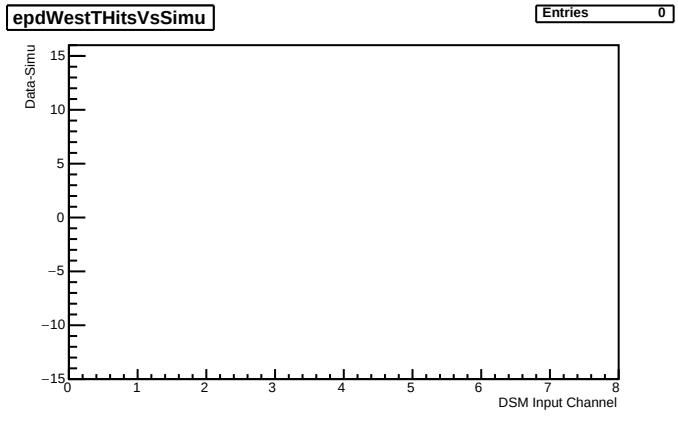
Entries 4338000
Truncated NHits
DSMInput Channel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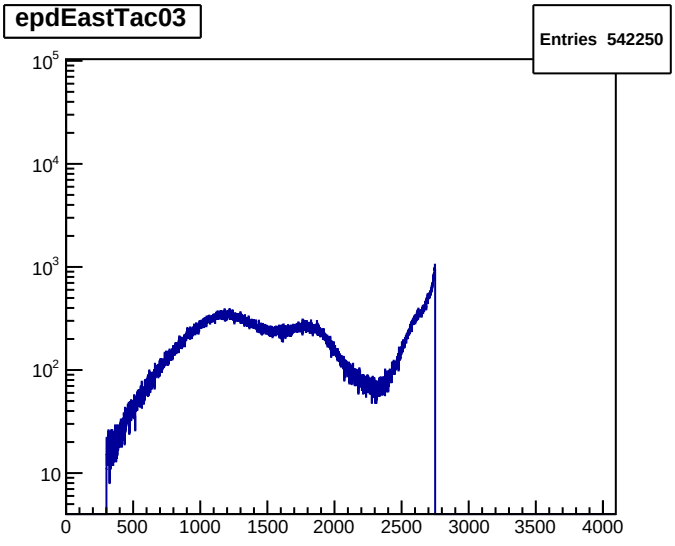
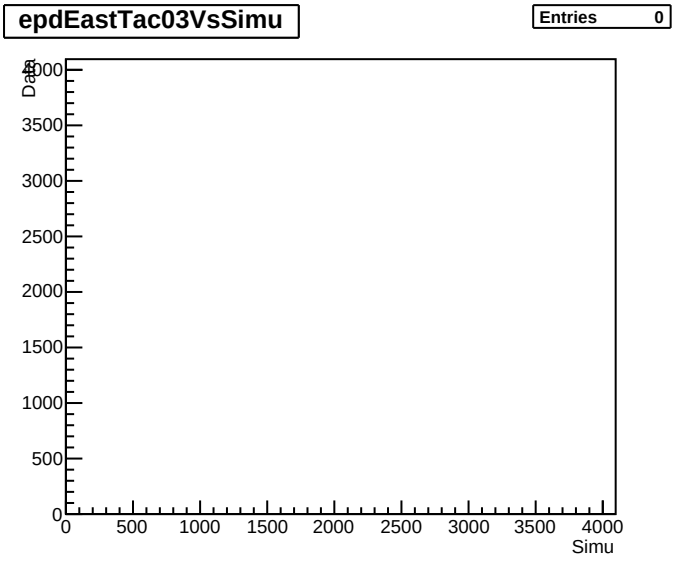
Data-Simu
DSM Input Channel


epdEastTac03
Entries 542250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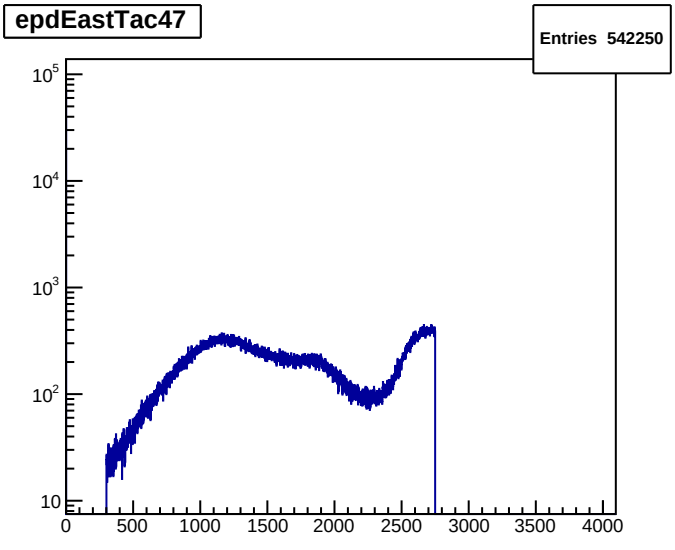
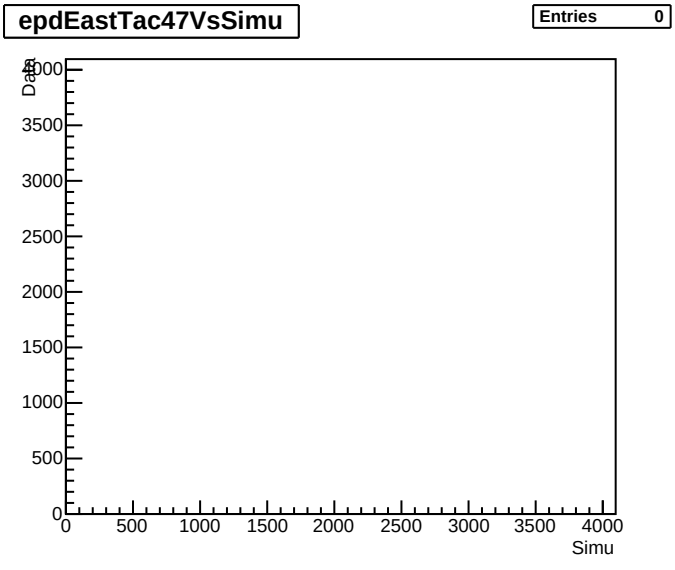
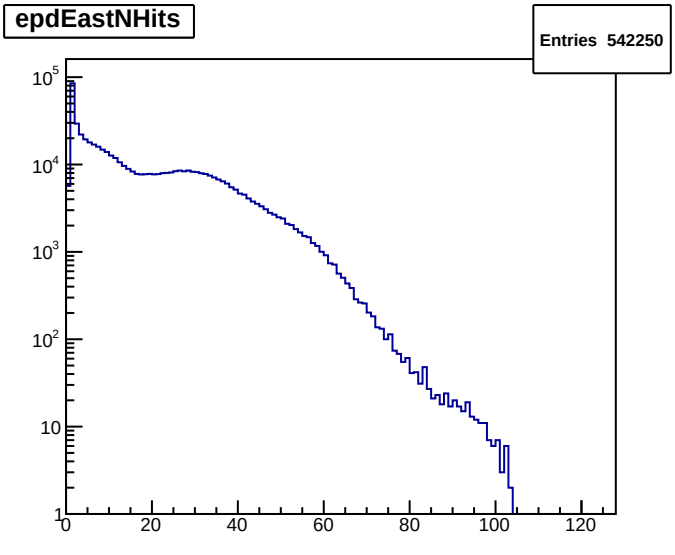
Entries 0
Data
Simu


epdEastTac47
Entries 542250


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
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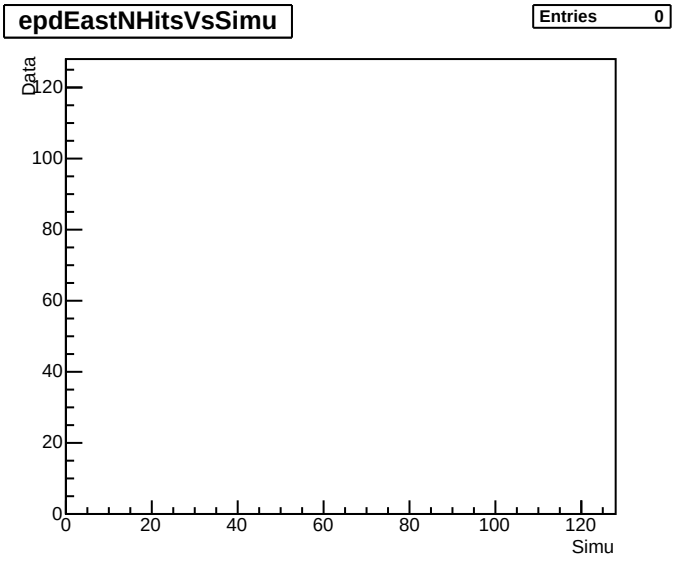
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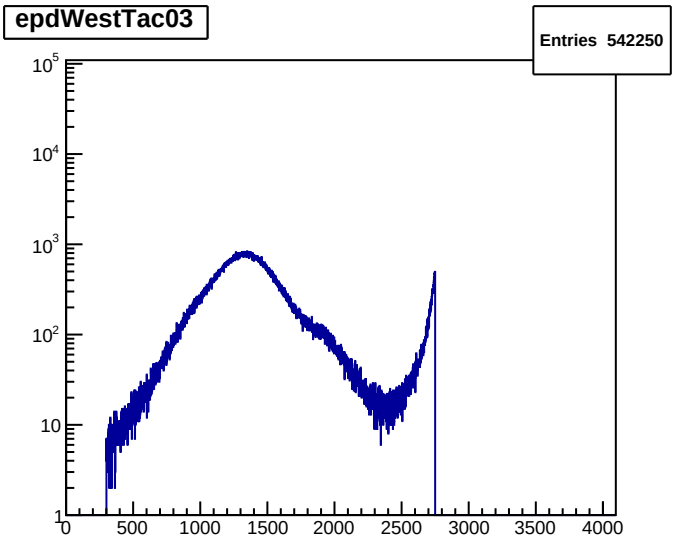
Simu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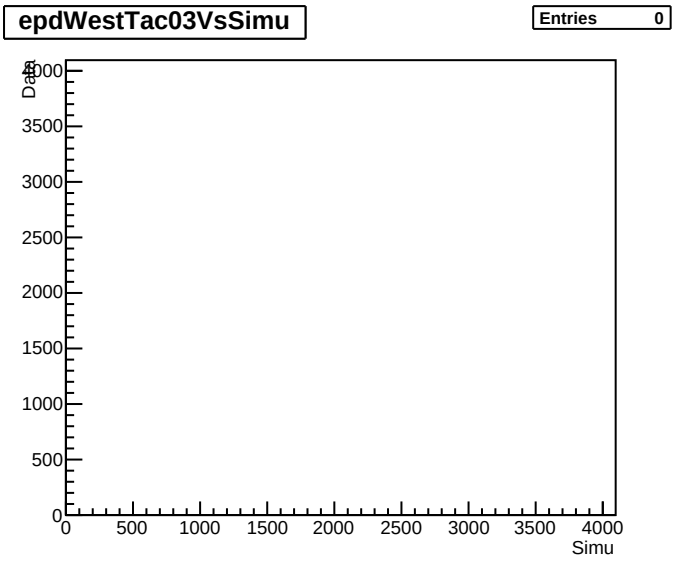
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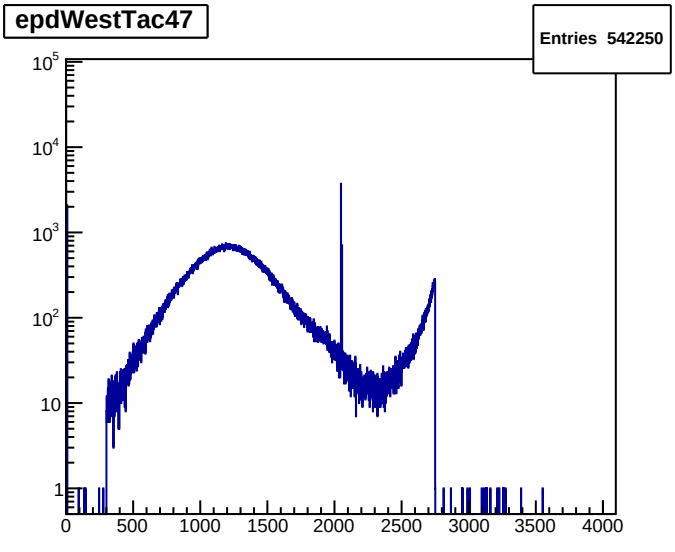
Data
Simu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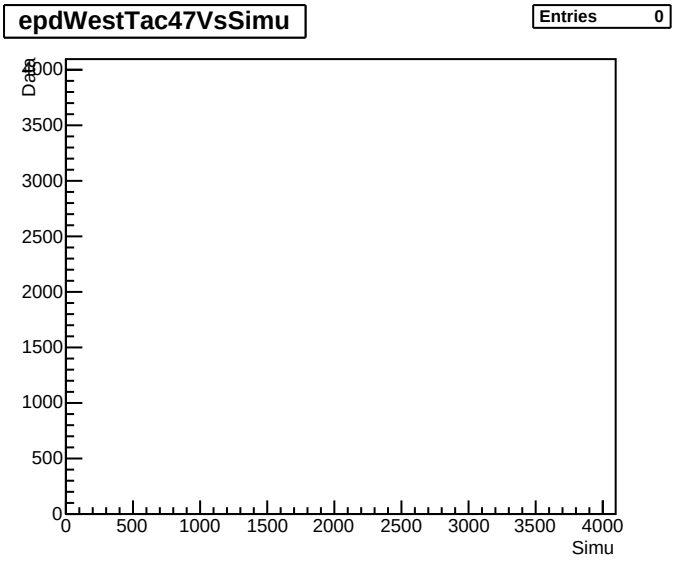
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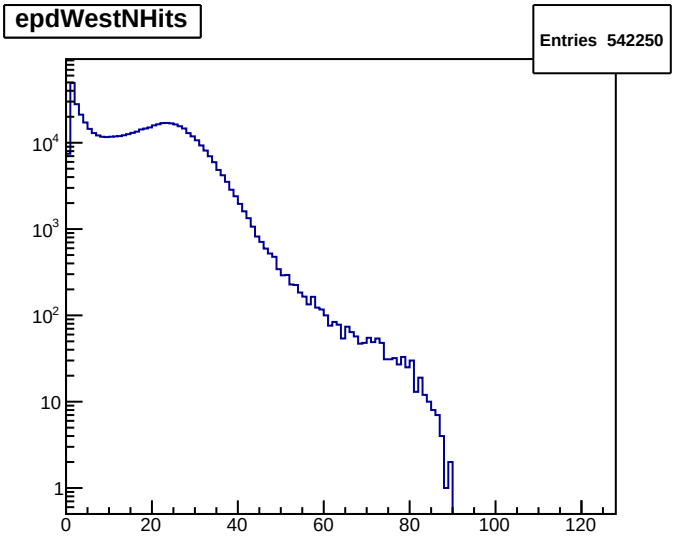
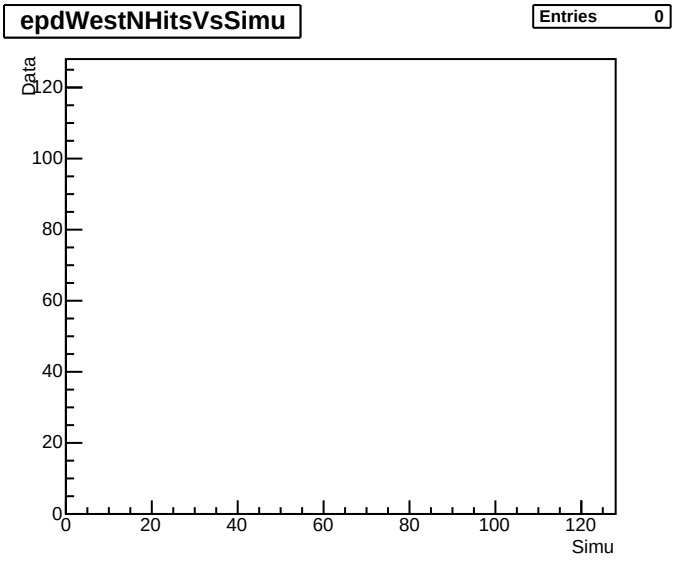
Simu


epdWestNHits
Entries 542250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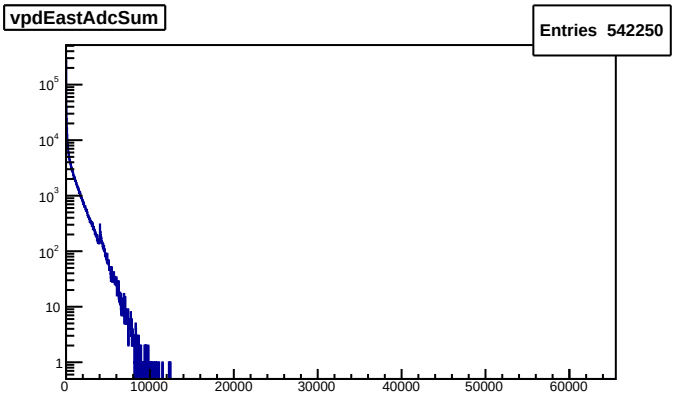
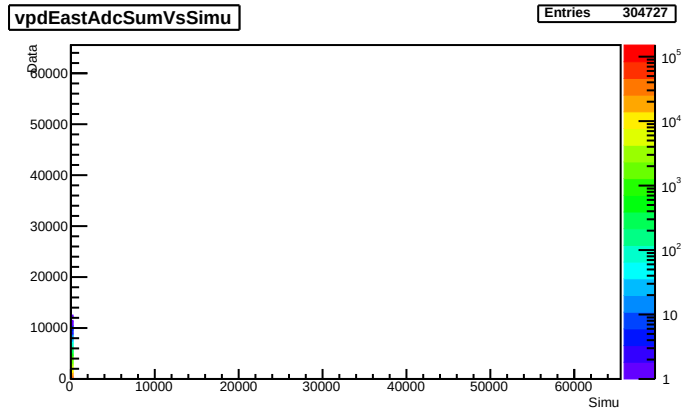
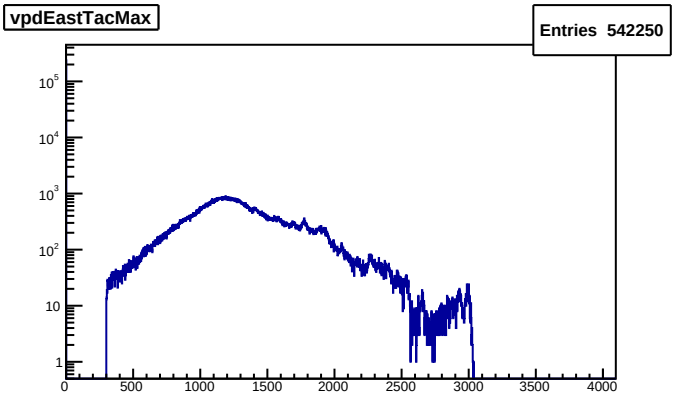
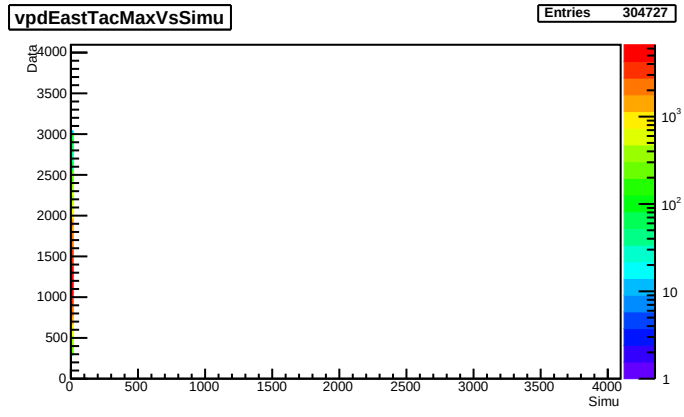
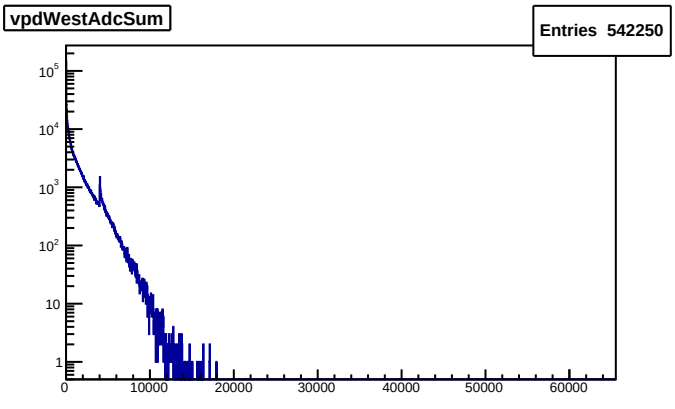
Entries 0
Data
Simu

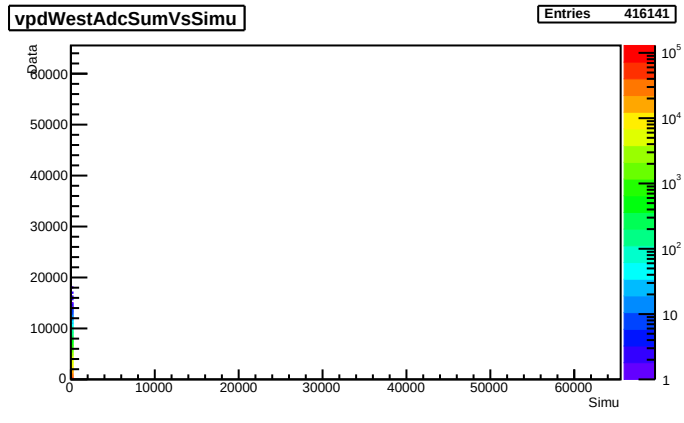

vpdEastAdcSum
Entries 542250

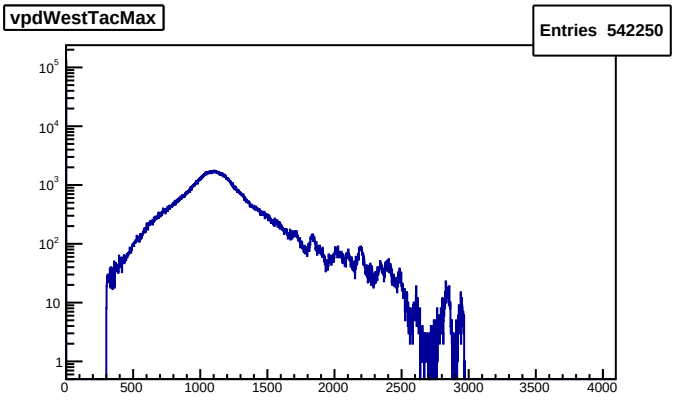

vpdEastAdcSumVsSimu
Entries 304727
Data
Simu

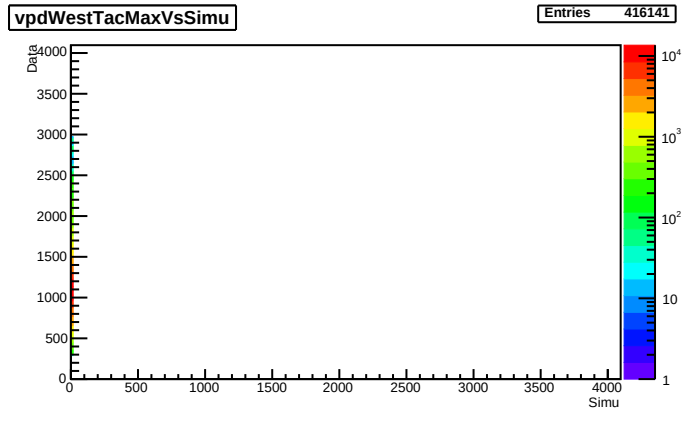

vpdEastTacMax
Entries 542250

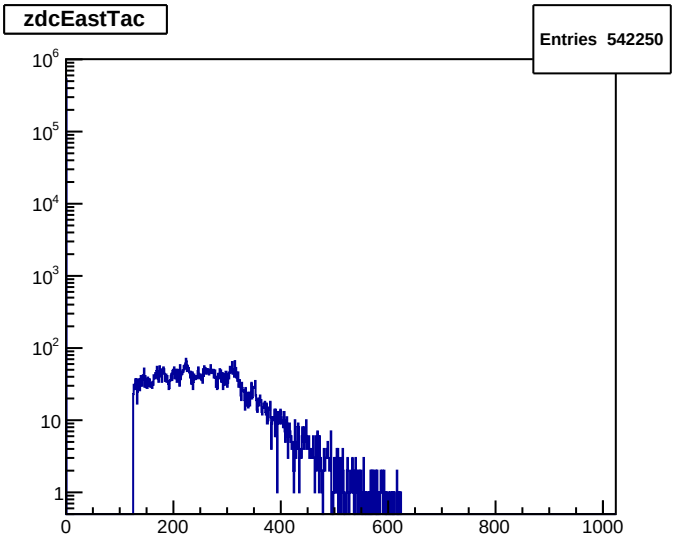

vpdEastTacMaxVsSimu
Entries 304727
Data
Simu

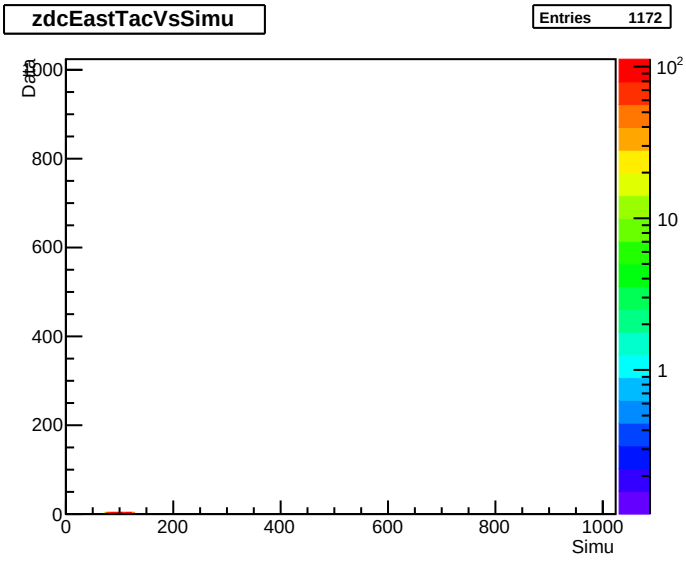

vpdWestAdcSum
Entries 542250

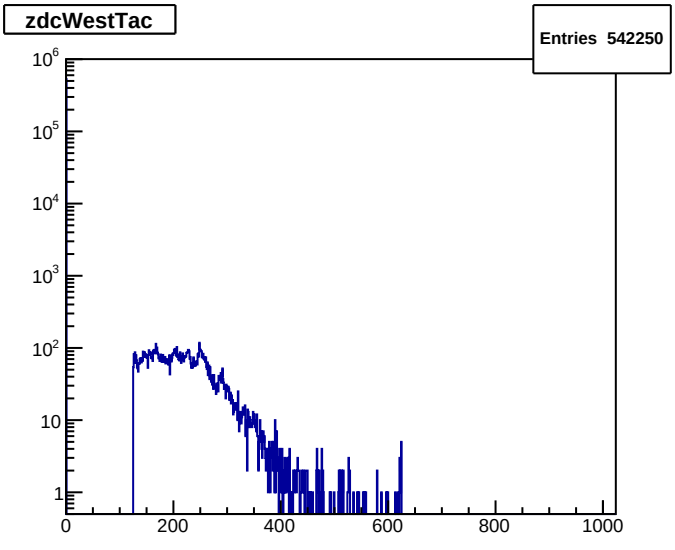

vpdWestAdcSumVsSimu
Entries 416141
Data
Simu

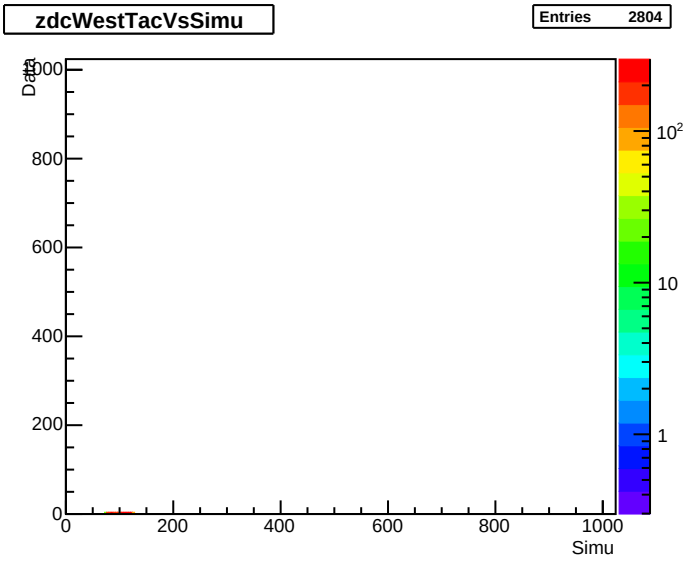

vpdWestTacMax
Entries 542250

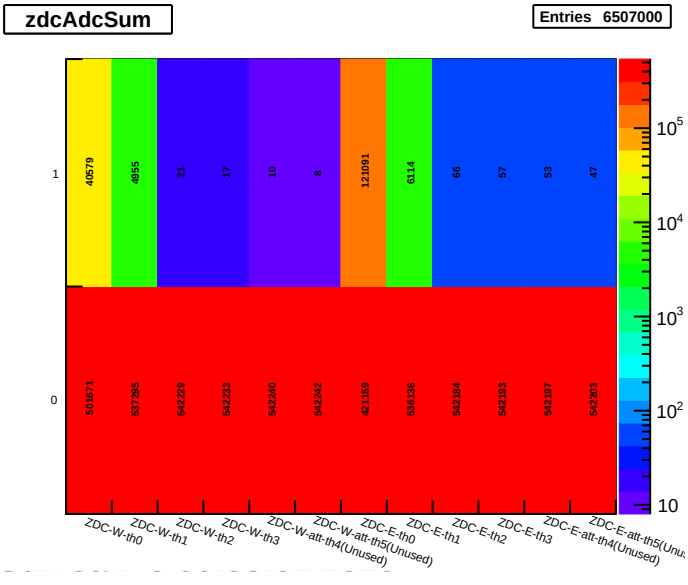

vpdWestTacMaxVsSimu
Entries 416141
Data
Simu

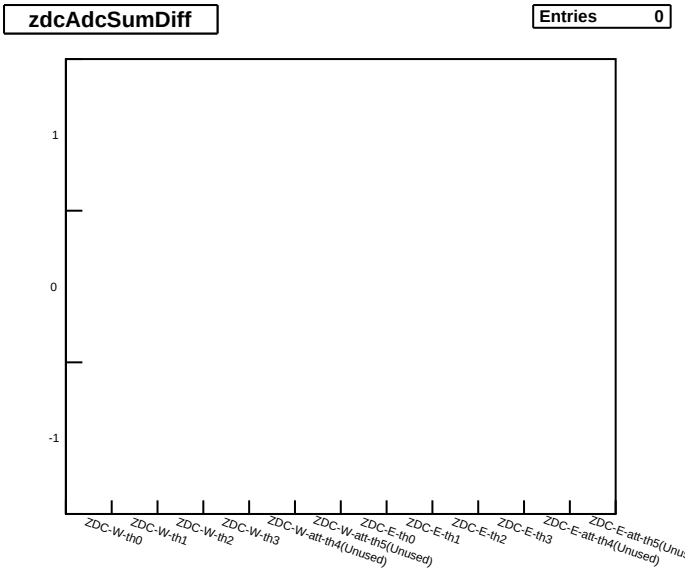

zdcEastTac
Entries 542250

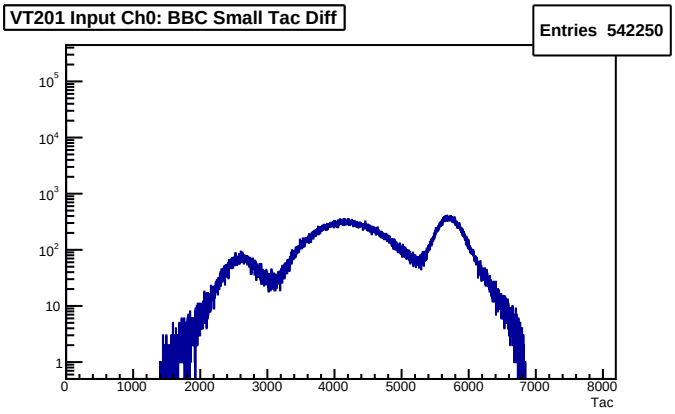

zdcEastTacVsSimu
Entries 1172
Data
Simu

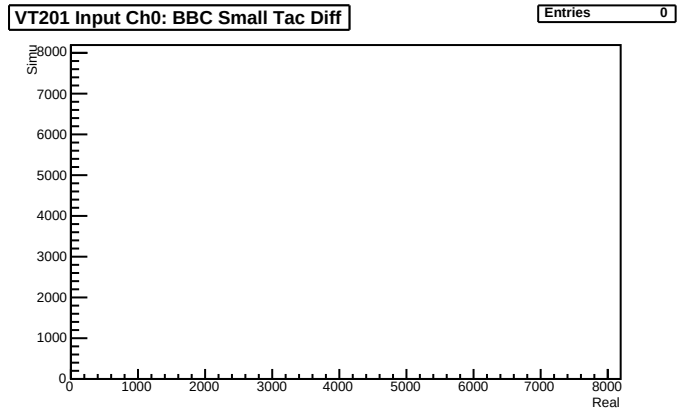

zdcWestTac
Entries 542250

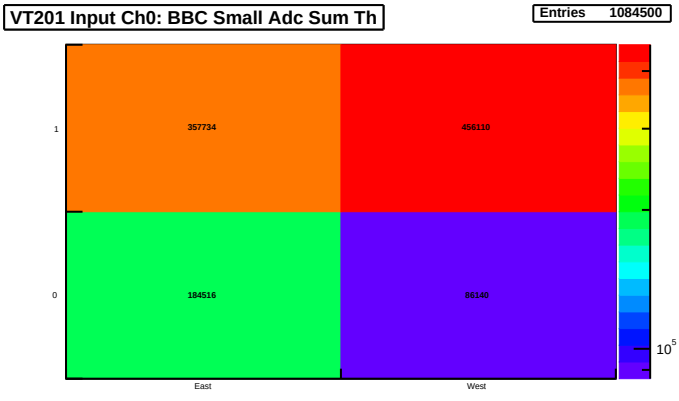

zdcWestTacVsSimu
Entries 2804
Data
Simu

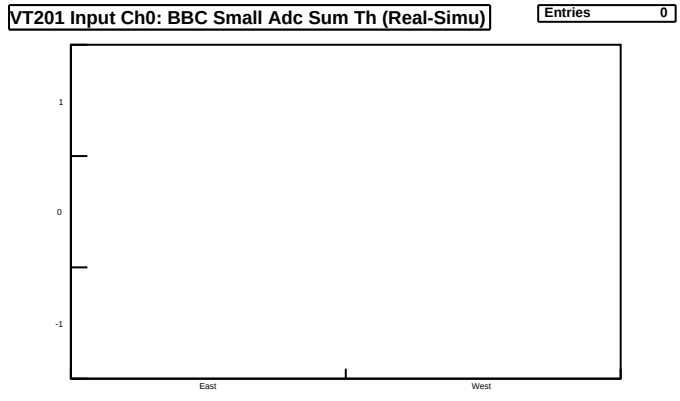

zdcAdcSum
Entries 6507000
40679
4955
21
17
10
8
121091
6114
66
57
53
47
501671
537295
542229
542233
542240
542242
421150
536136
542184
542193
542197
542203
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

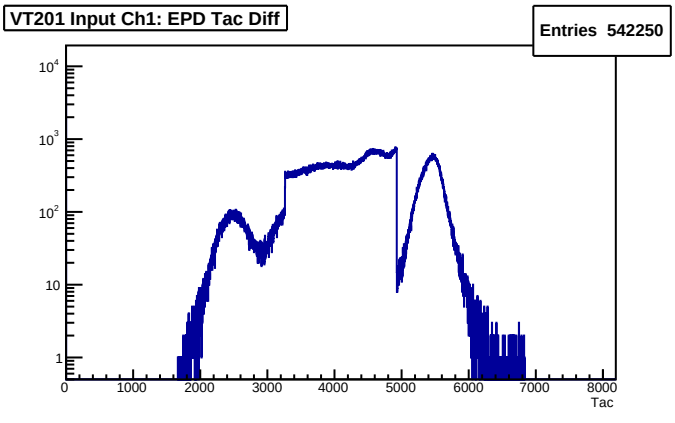

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

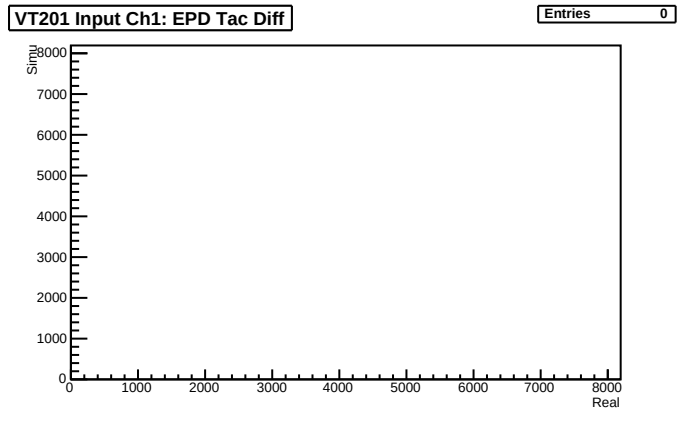

VT201 Input Ch0: BBC Small Tac Diff
Entries 542250
Tac

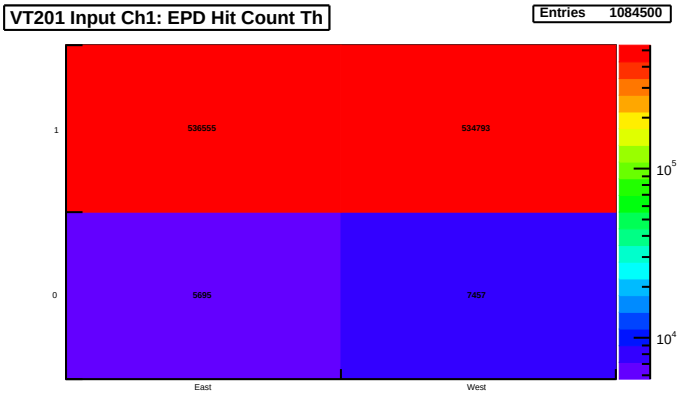

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

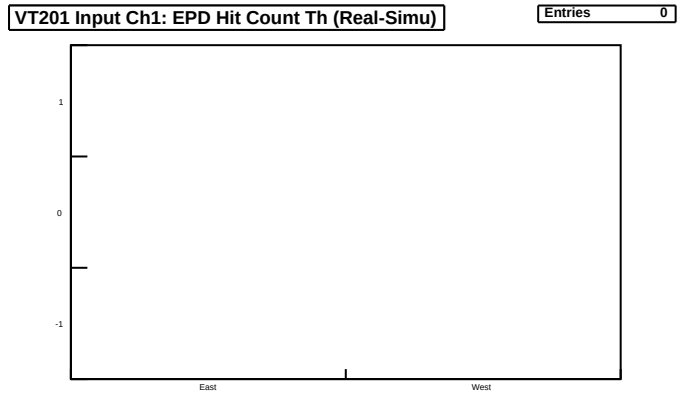

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1084500
357734
456110
184516
86140
East
West

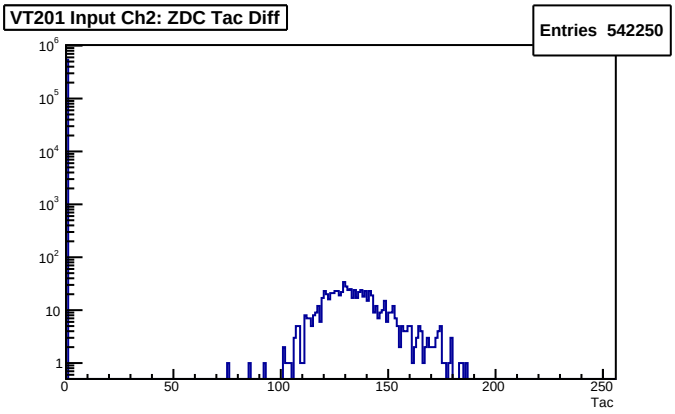

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

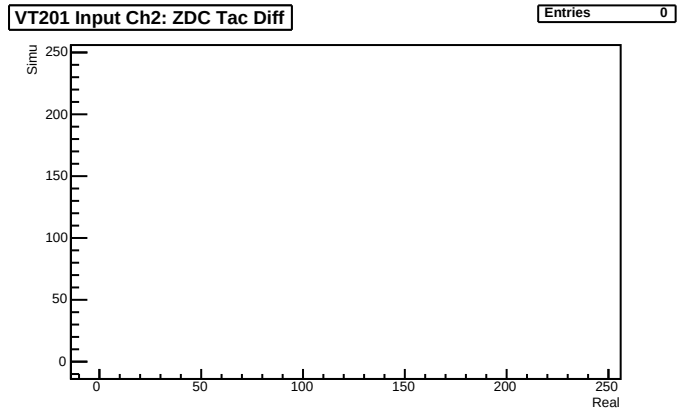

VT201 Input Ch1: EPD Tac Diff
Entries 542250
Tac

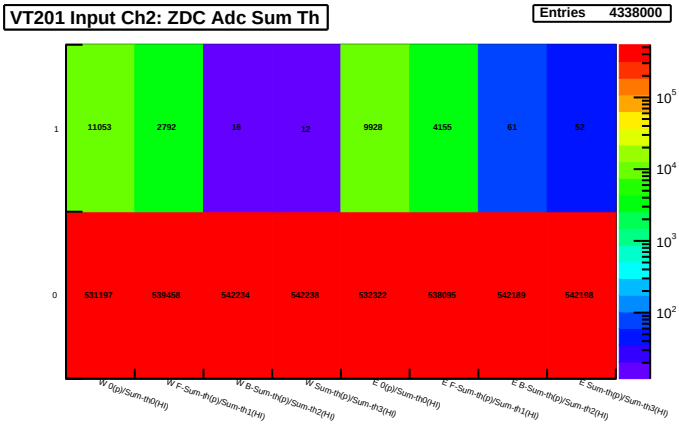

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

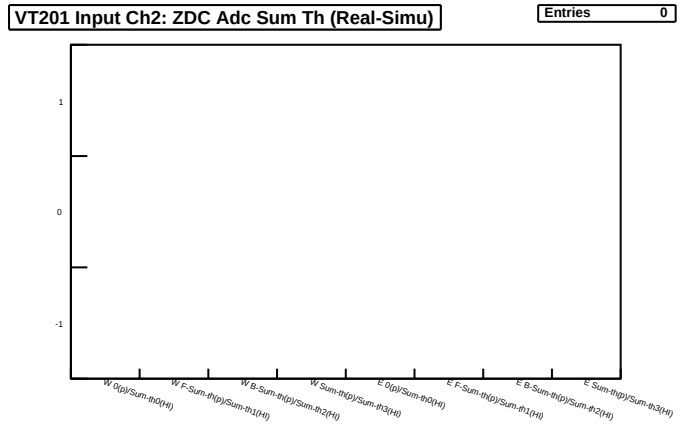

VT201 Input Ch1: EPD Hit Count Th
Entries 1084500
536555
534793
5695
7457
East
West

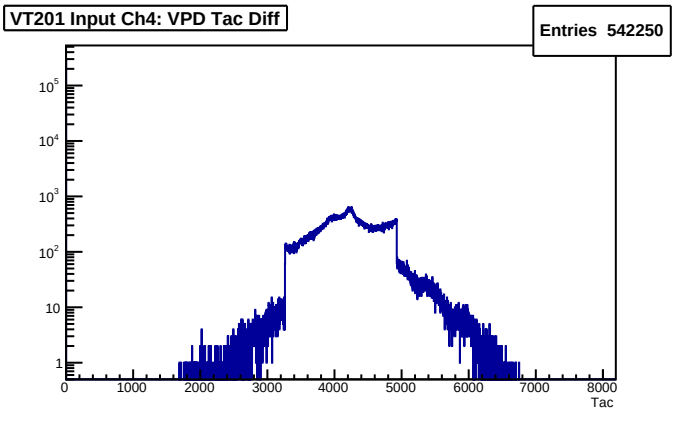

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

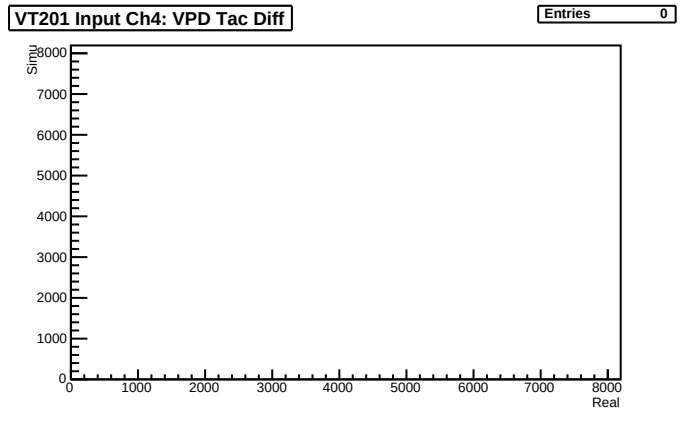

VT201 Input Ch2: ZDC Tac Diff
Entries 542250
Tac

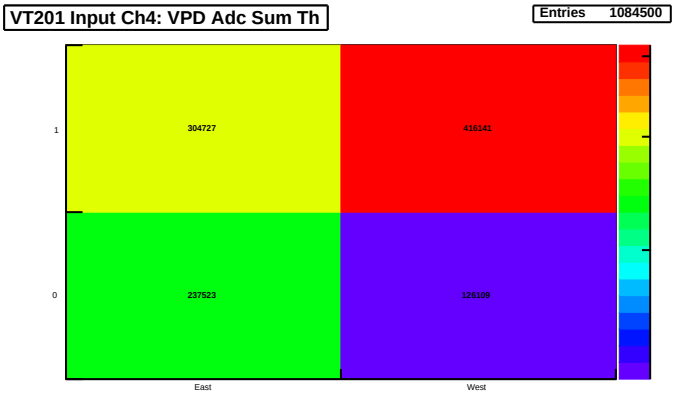

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

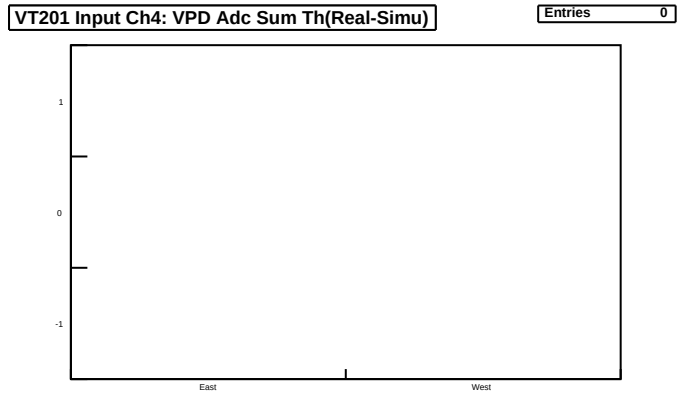

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4338000
11053
2792
16
12
9928
4155
61
52
531197
539458
542234
542238
532322
538095
542189
542198
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

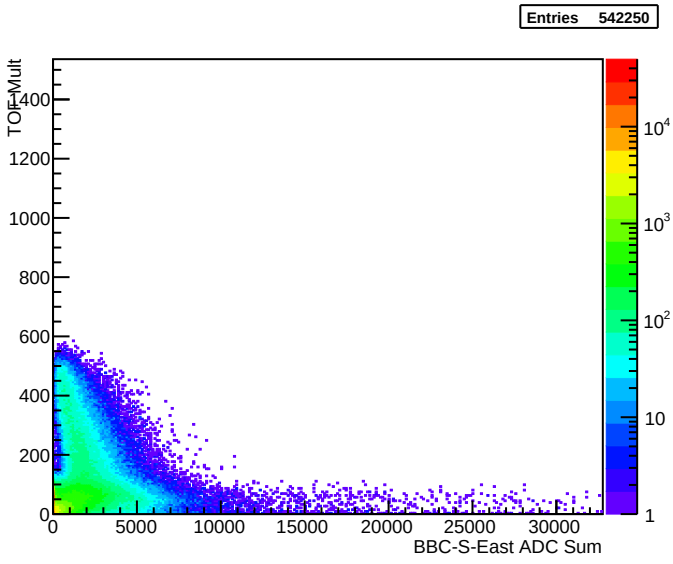

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

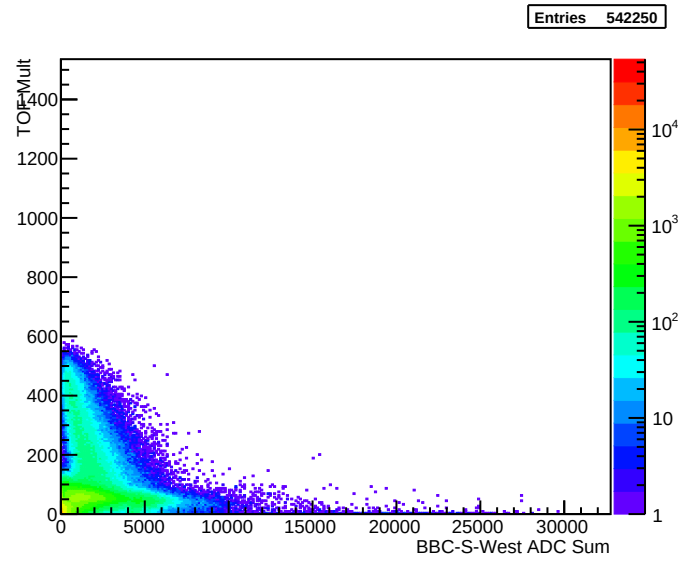

VT201 Input Ch4: VPD Tac Diff
Entries 542250
Tac

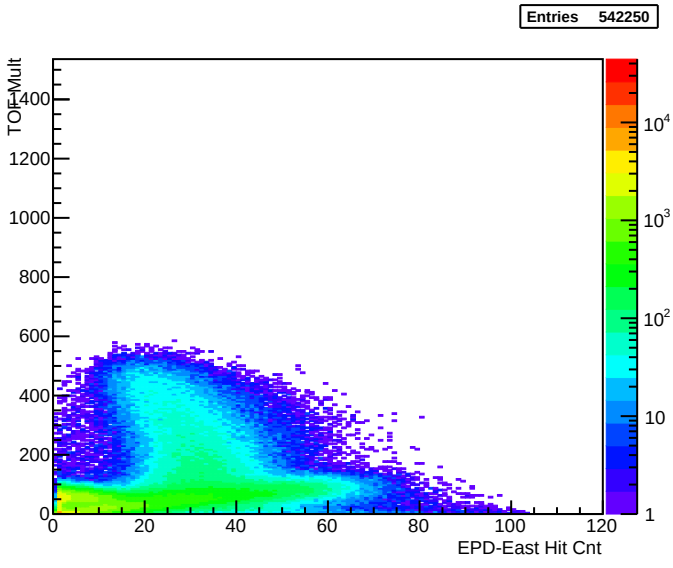

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

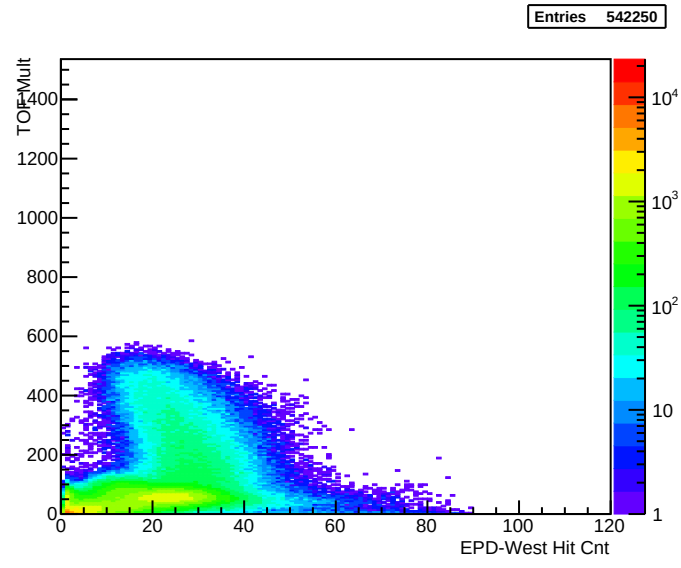

VT201 Input Ch4: VPD Adc Sum Th
Entries 1084500
304727
416141
237523
126109
East
West

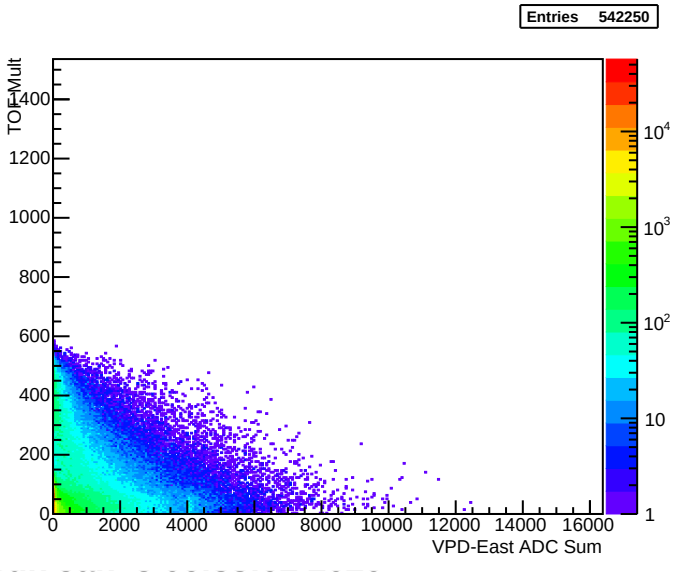

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

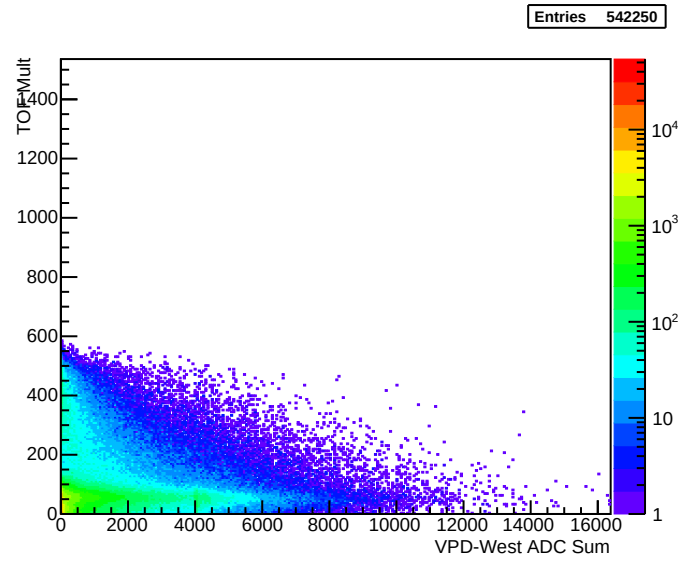

Entries 542250
TOF-Mult
BBC-S-East ADC Sum

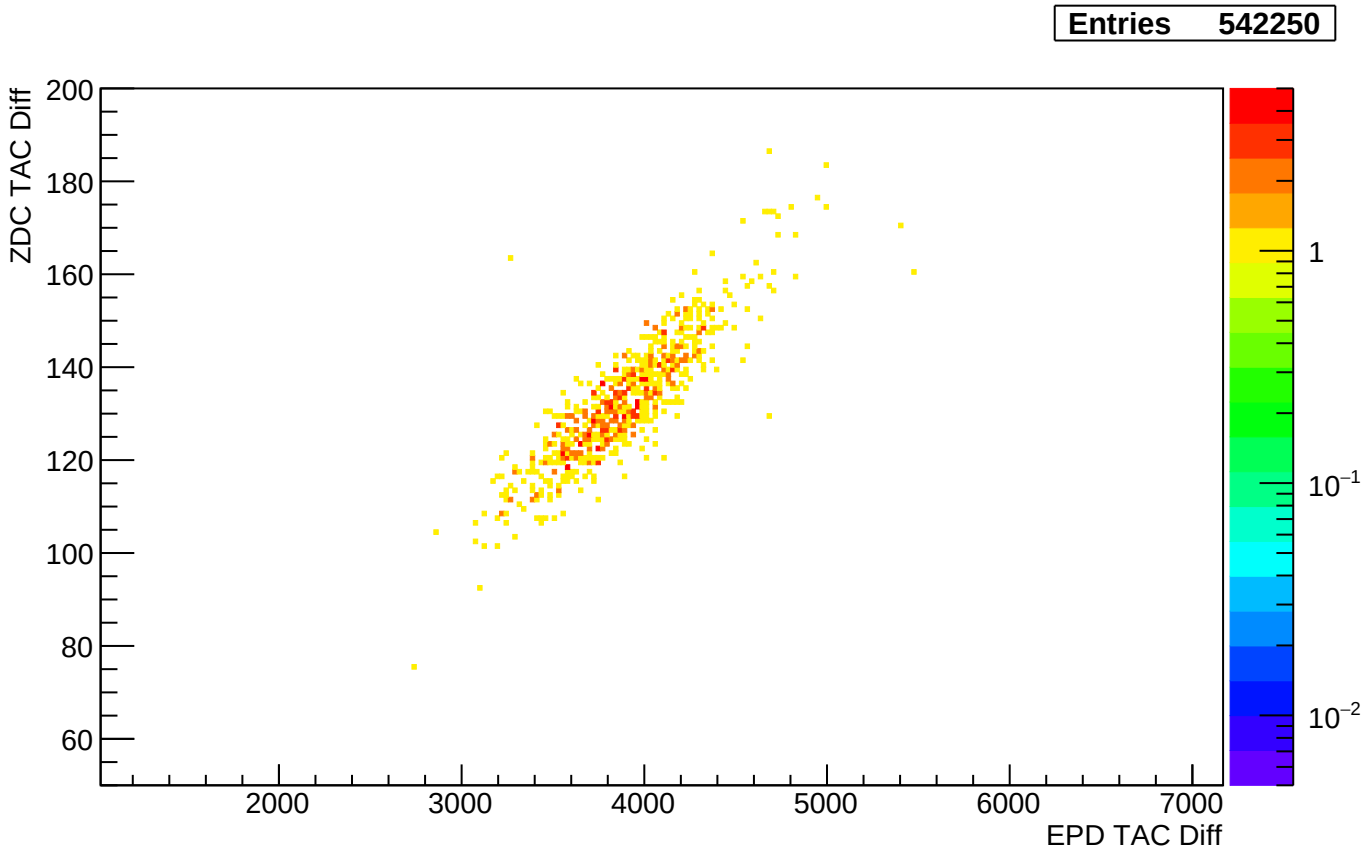

Entries 542250
TOF-Mult
BBC-S-West ADC Sum

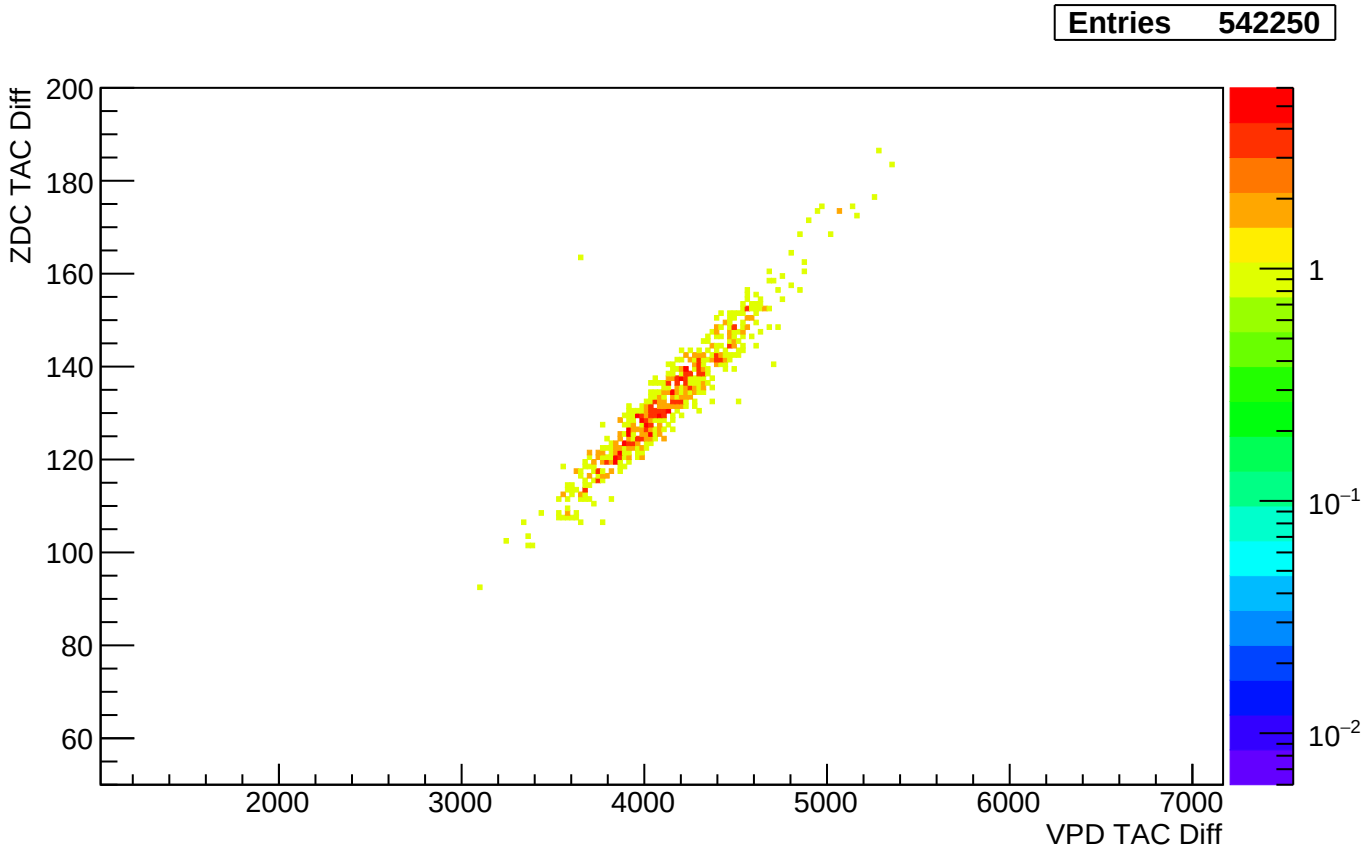

Entries 542250
TOF-Mult
EPD-East Hit Cnt

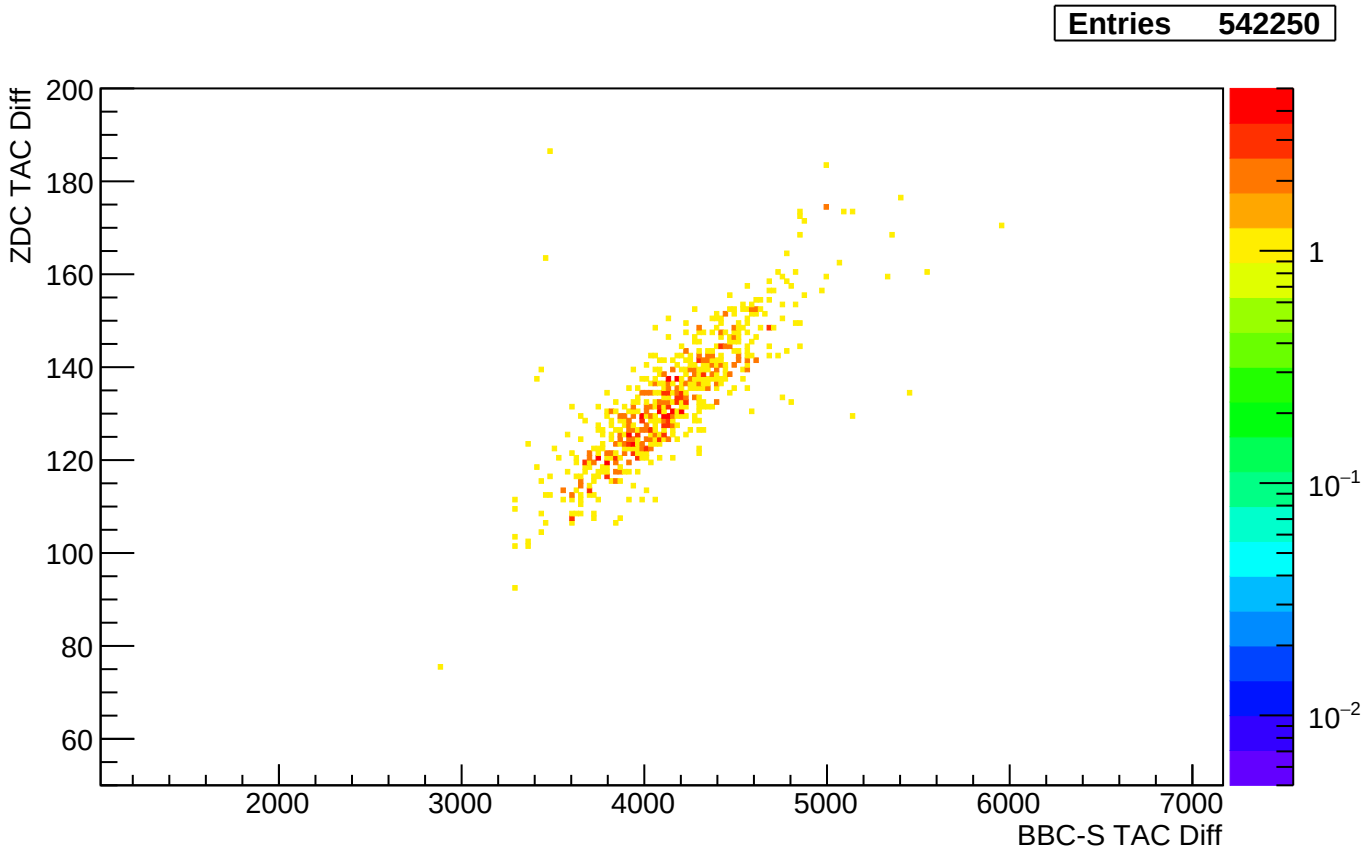

Entries 542250
TOF-Mult
EPD-West Hit Cnt

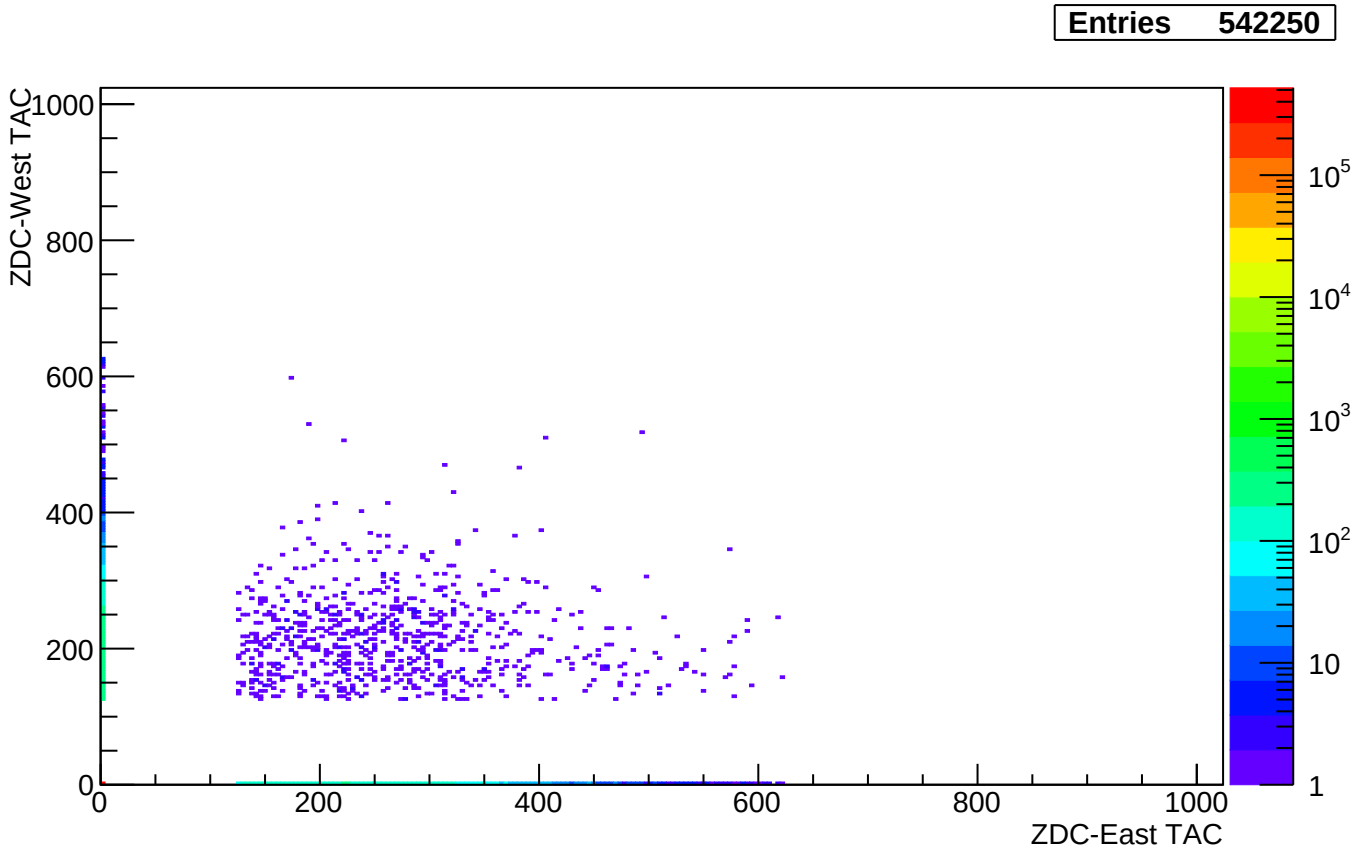

Entries 542250
TOF-Mult
VPD-East ADC Sum

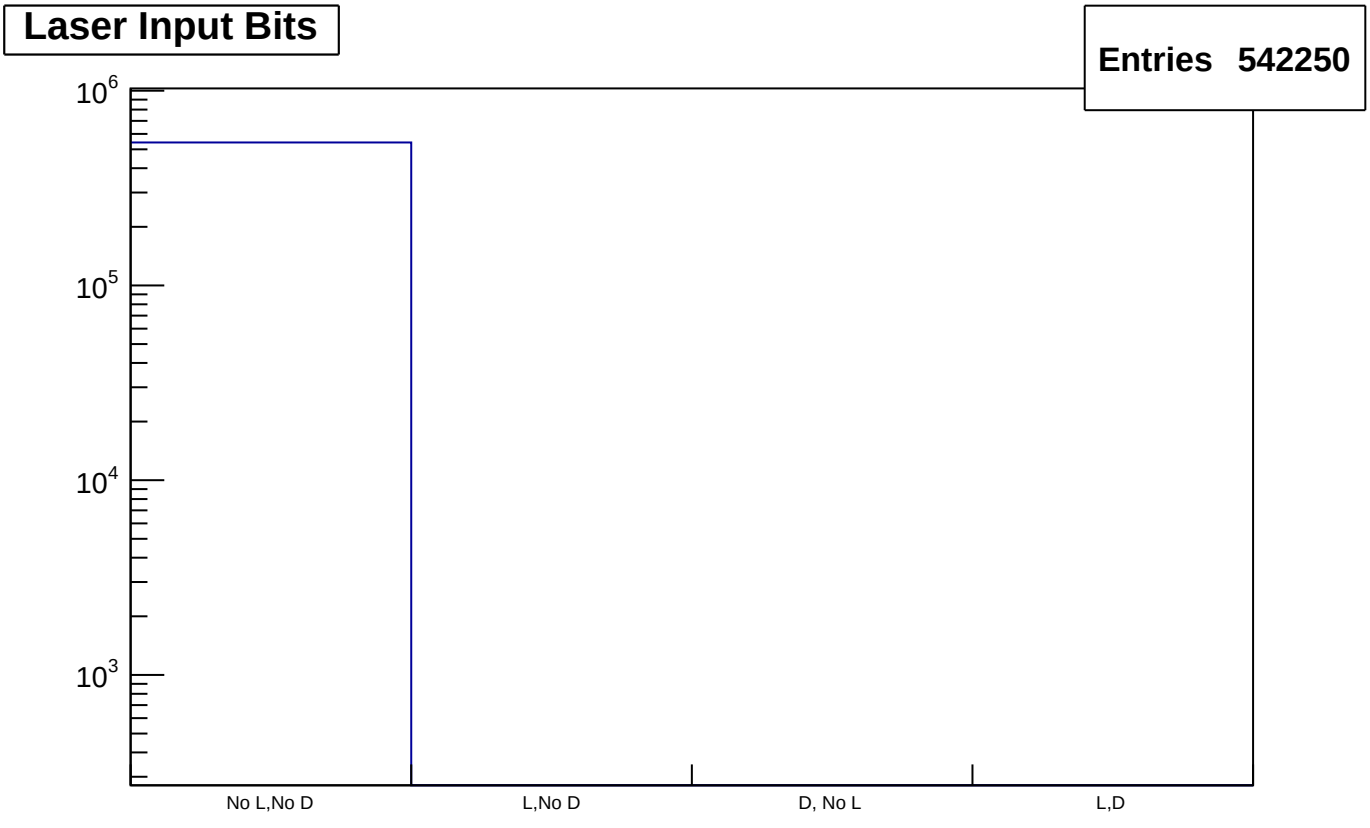

Entries 542250
TOF-Mult
VPD-West ADC Sum

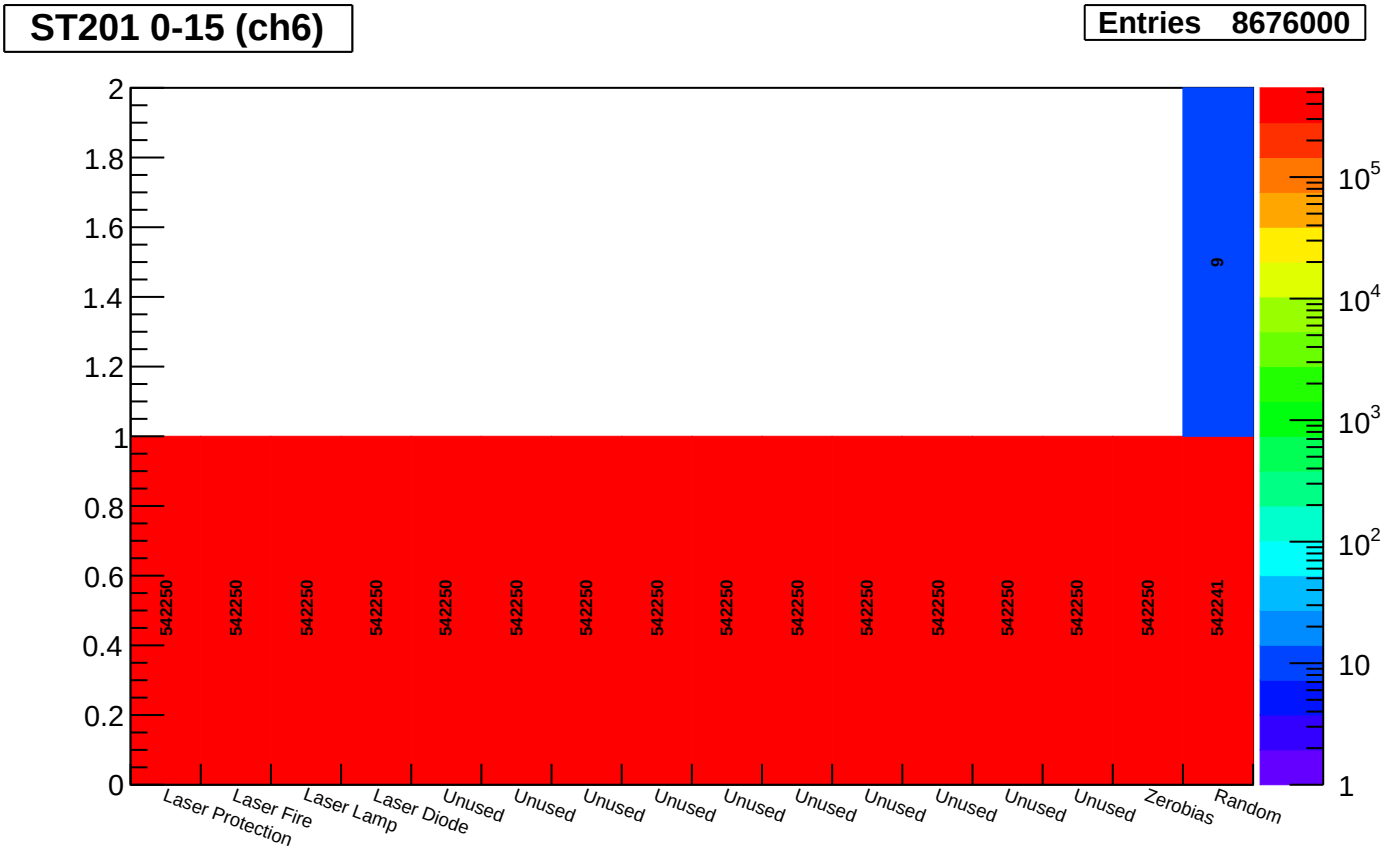

Entries 542250
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

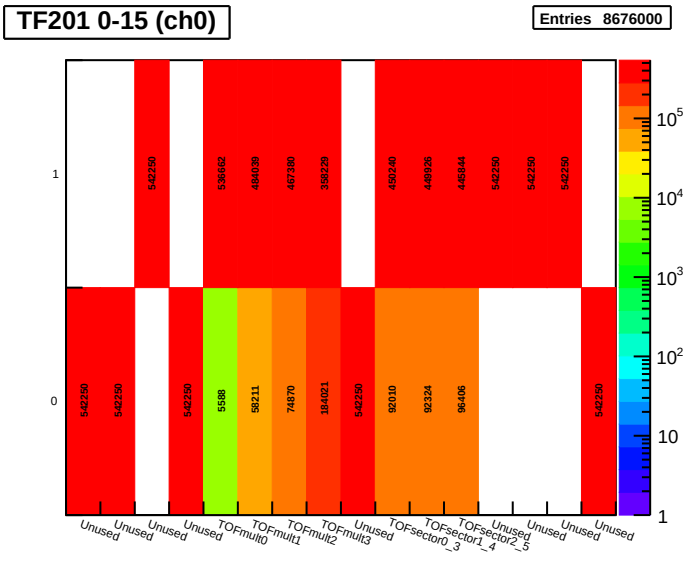

Entries 542250
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

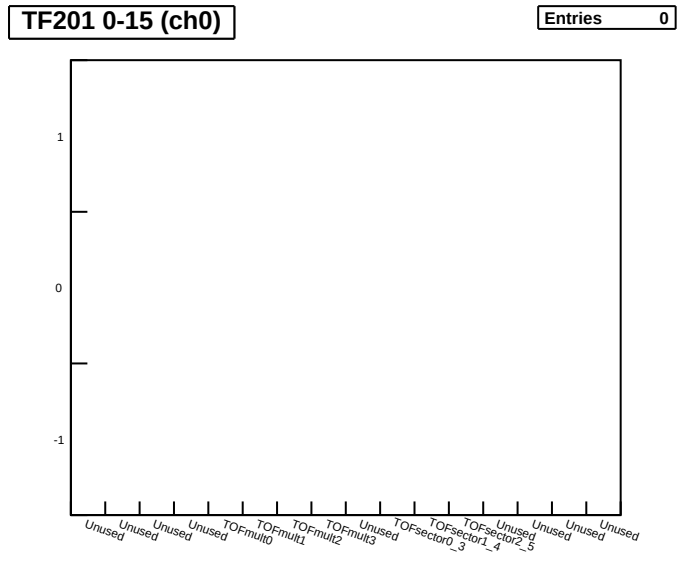

Entries 542250
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

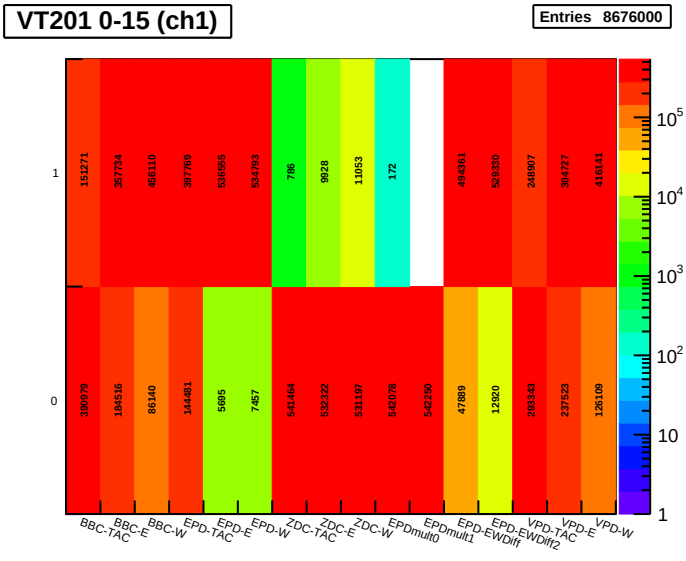

Entries 542250
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

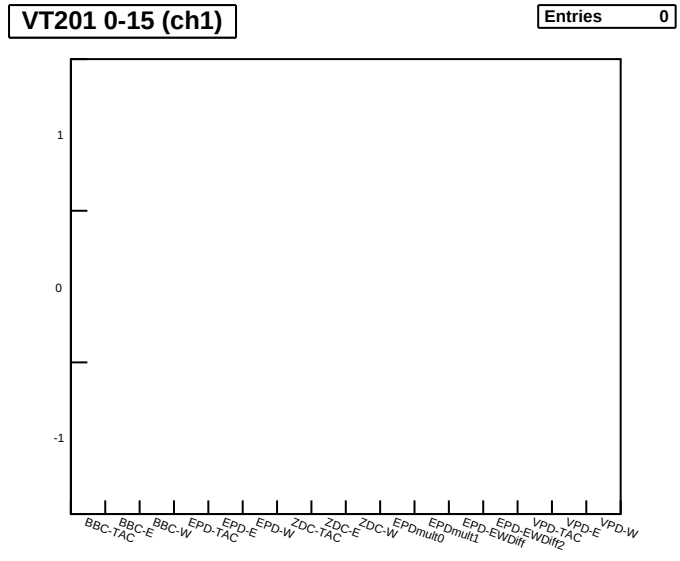

Laser Input Bits
Entries 542250
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

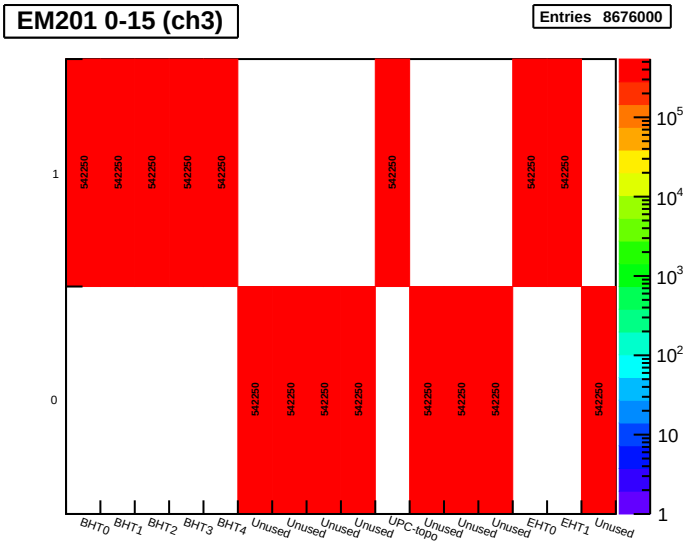

ST201 0-15 (ch6)
Entries 8676000
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
542250
542241
9
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

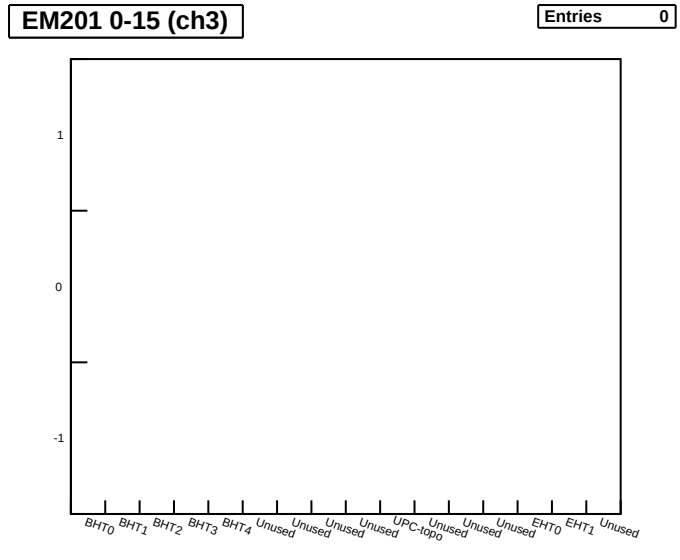

TF201 0-15 (ch0)
Entries 8676000
1
0
542250
536662
494039
467380
358229
450240
449926
445844
542250
542250
542250
542250
542250
542250
5588
58211
74870
184021
542250
92010
92324
96406
542250
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 8676000
1
0
151271
357734
456110
397769
536555
534793
786
9928
11053
172
494361
529330
248907
304727
416141
390979
184516
86140
144481
5695
7457
541464
532322
531197
542078
542250
47889
12920
293343
237523
126109
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 8676000
1
0
542250
542250
542250
542250
542250
542250
542250
542250
542250
542250
542250
542250
542250
542250
542250
542250
542250
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