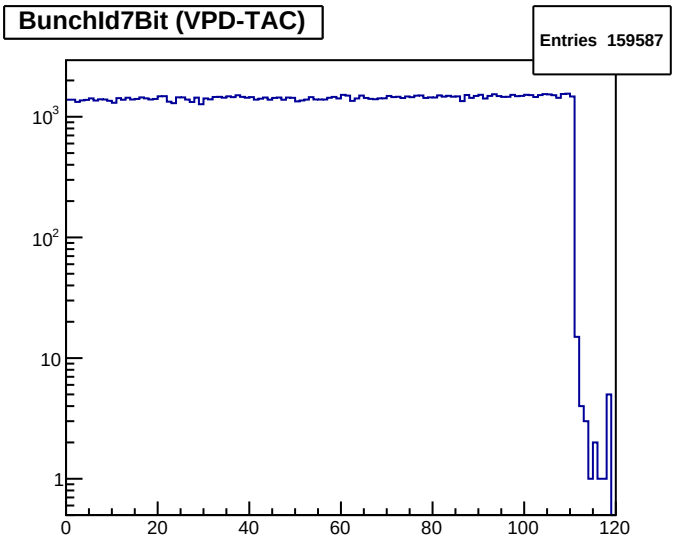
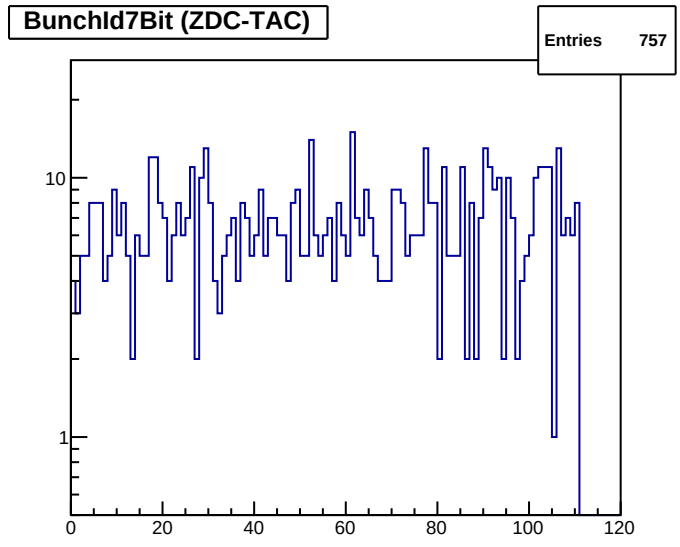
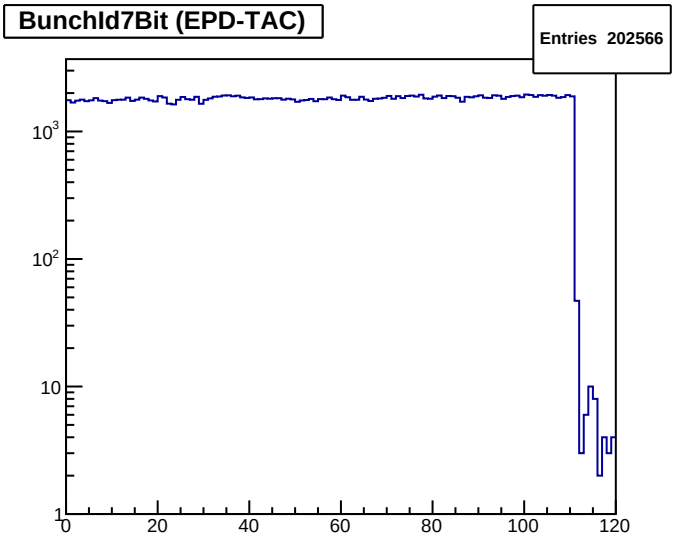
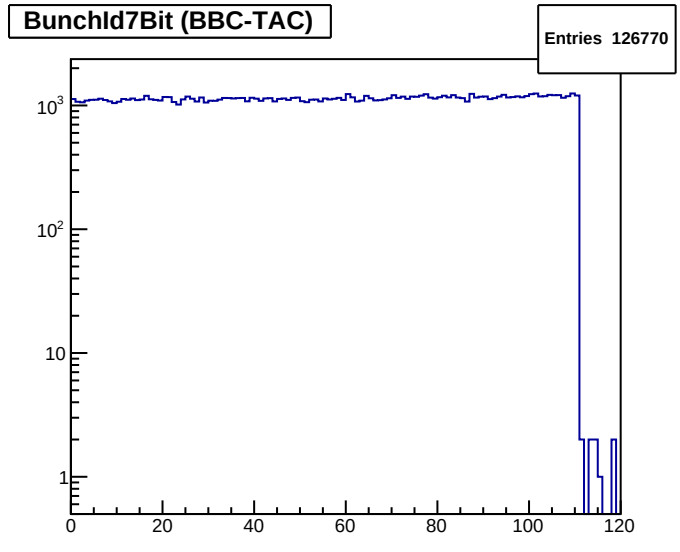
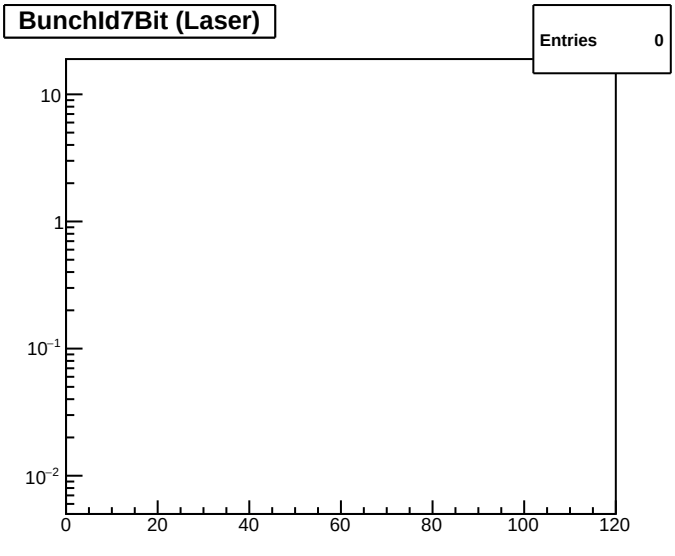
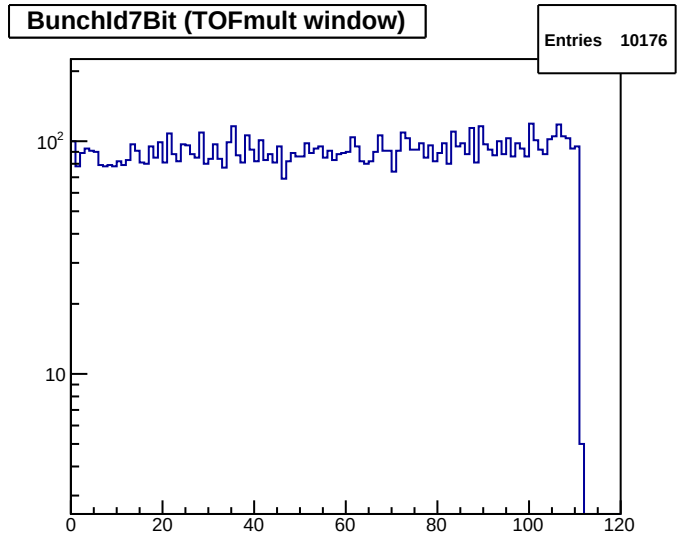

BunchId7Bit (VPD-TAC)
Entries 159587

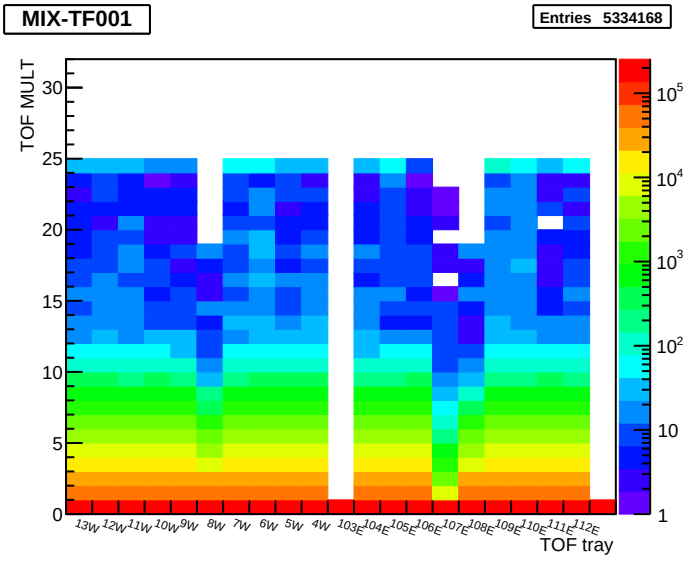

BunchId7Bit (ZDC-TAC)
Entries 757

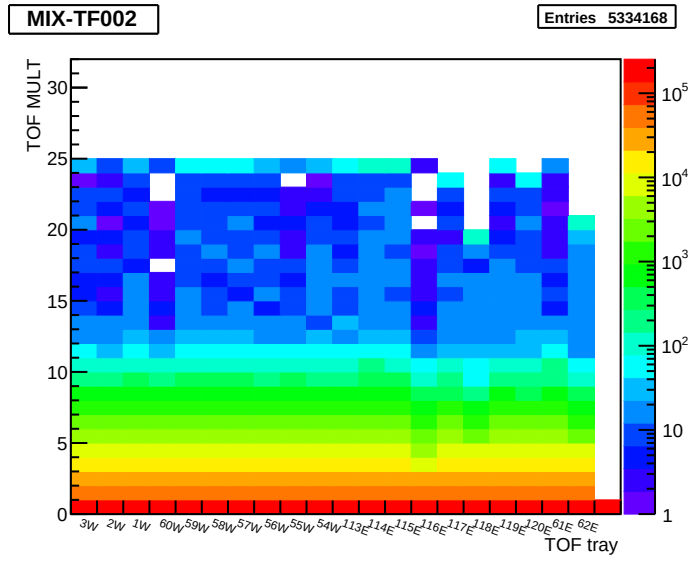

BunchId7Bit (EPD-TAC)
Entries 202566

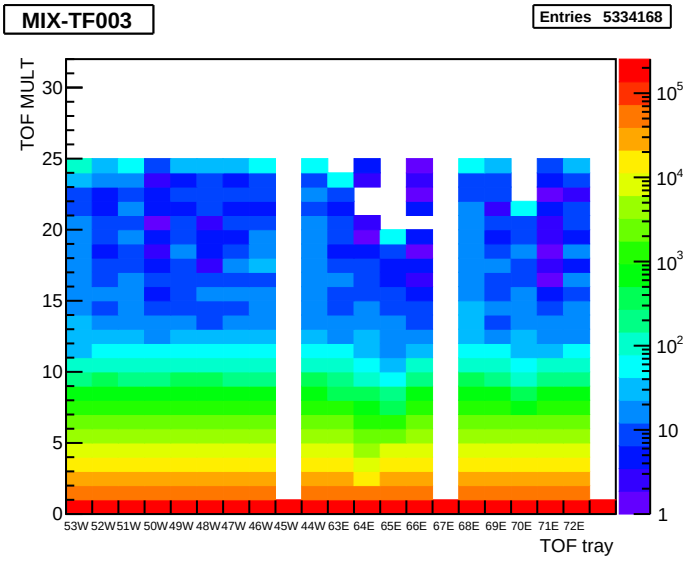

BunchId7Bit (BBC-TAC)
Entries 126770

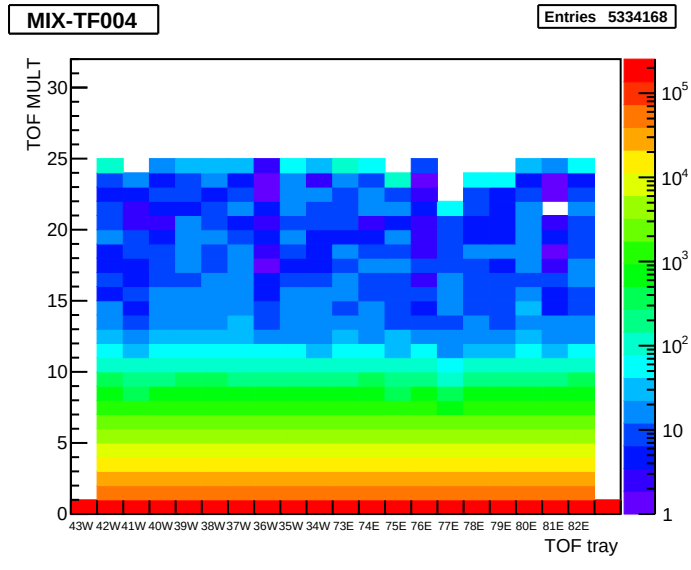

BunchId7Bit (Laser)
Entries 0

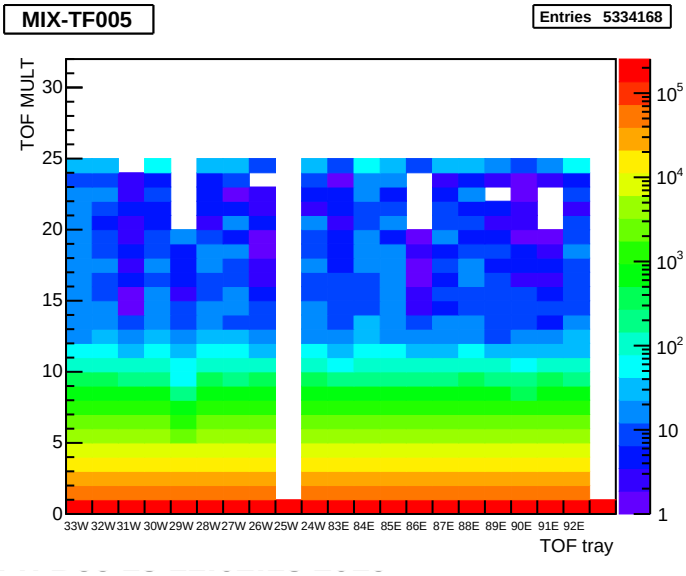

BunchId7Bit (TOFmult window)
Entries 10176

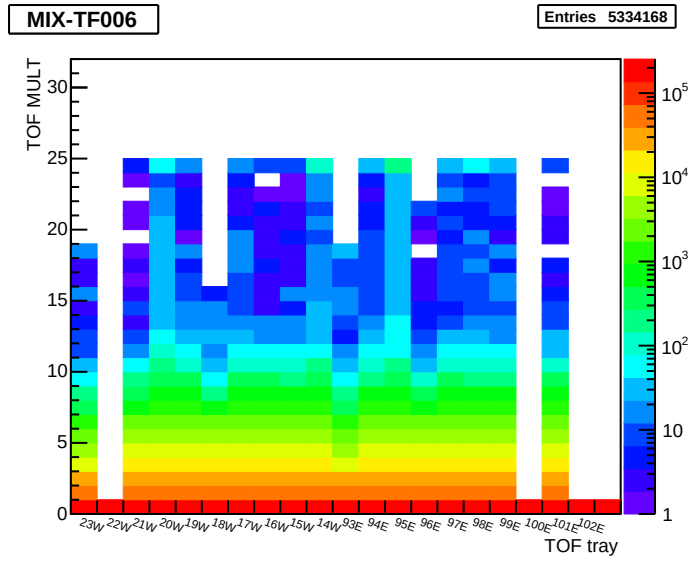

MIX-TF001
Entries 5334168
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

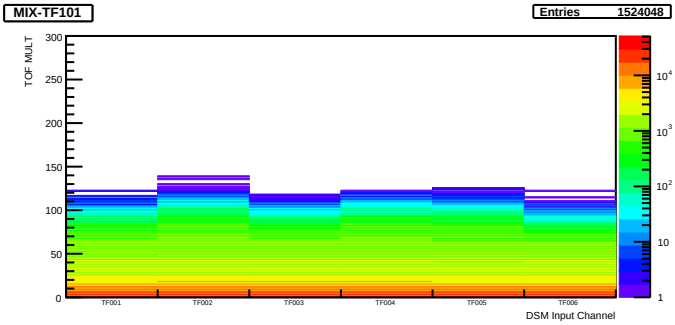

MIX-TF002
Entries 5334168
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

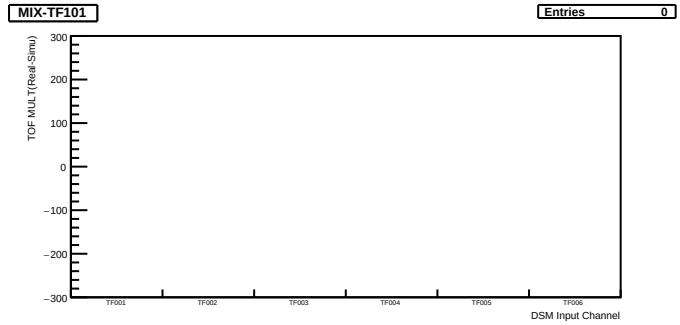

MIX-TF003
Entries 5334168
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

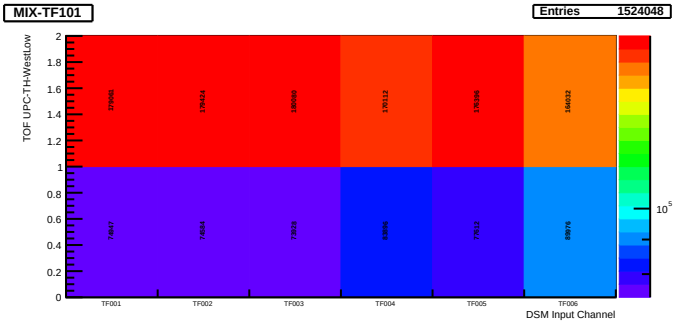

MIX-TF004
Entries 5334168
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

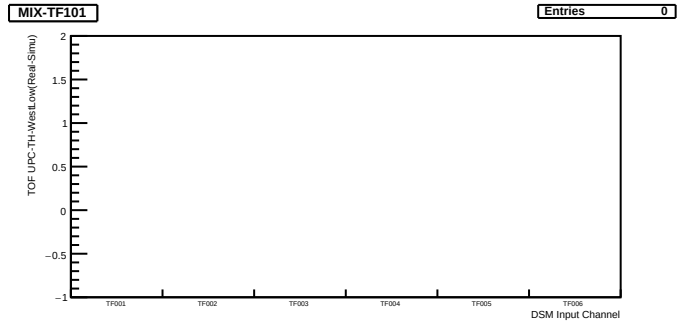

MIX-TF005
Entries 5334168
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

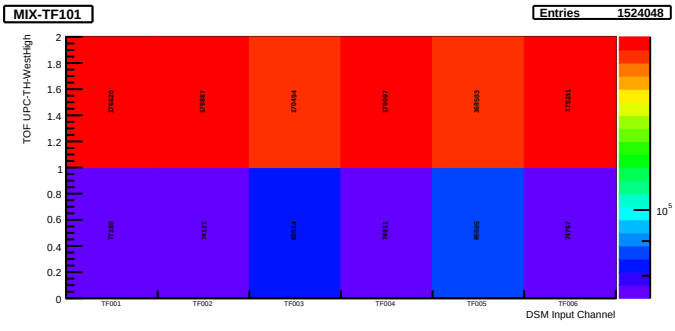

MIX-TF006
Entries 5334168
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

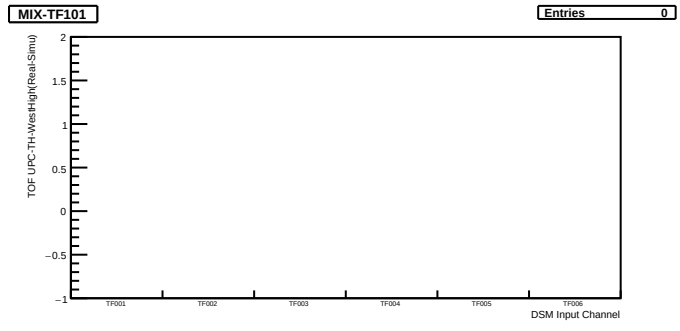

MIX-TF101
Entries 1524048
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

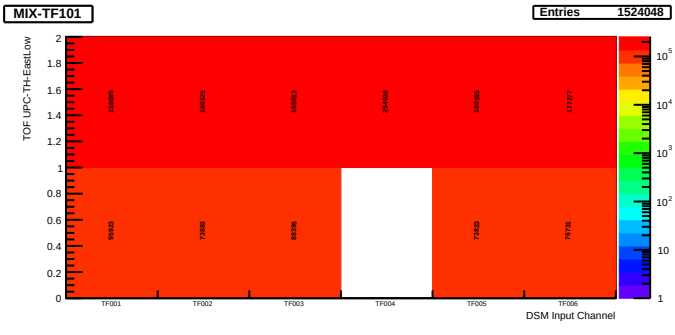

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

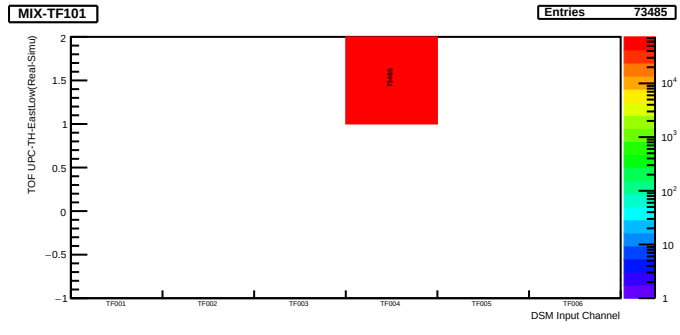

MIX-TF101
Entries 1524048
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

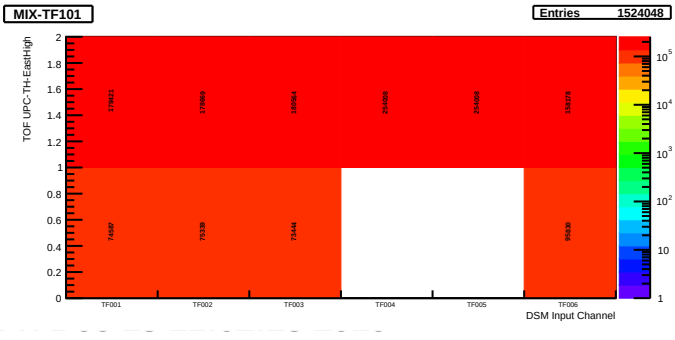

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

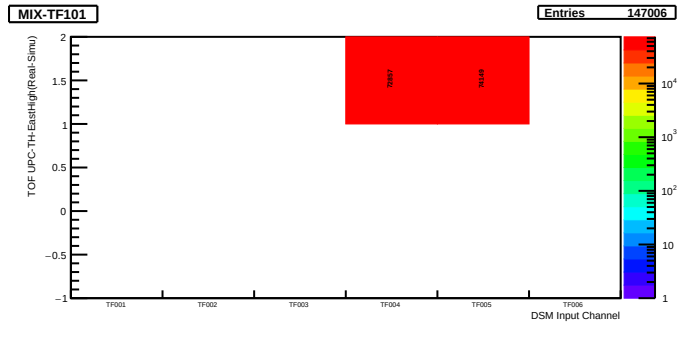

MIX-TF101
Entries 1524048
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

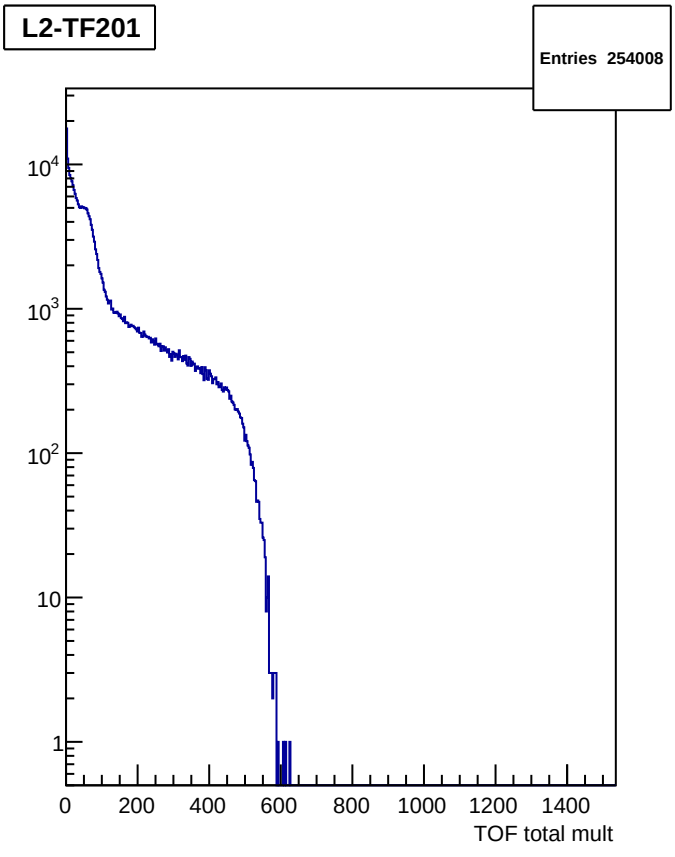

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

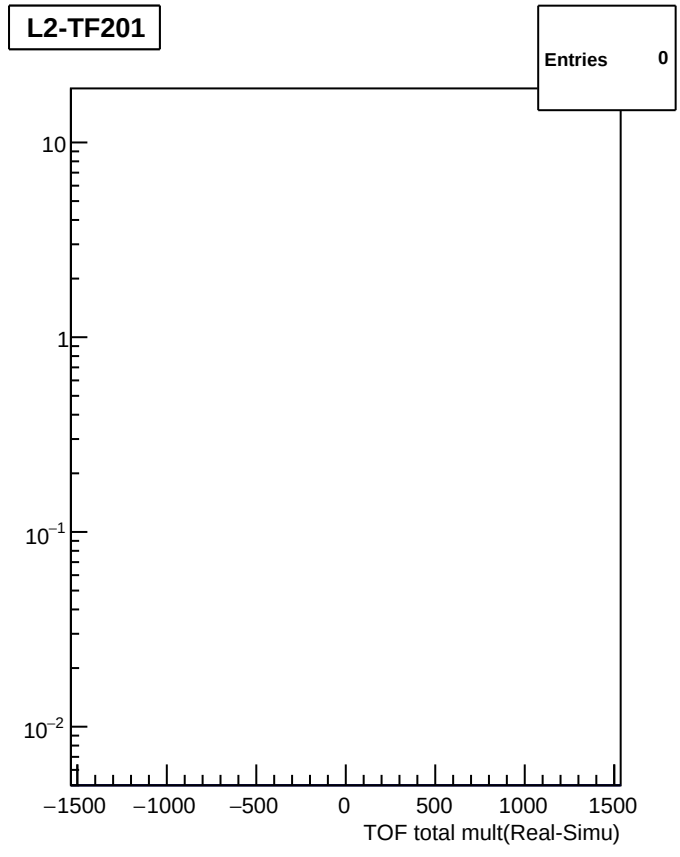

MIX-TF101
Entries 1524048
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

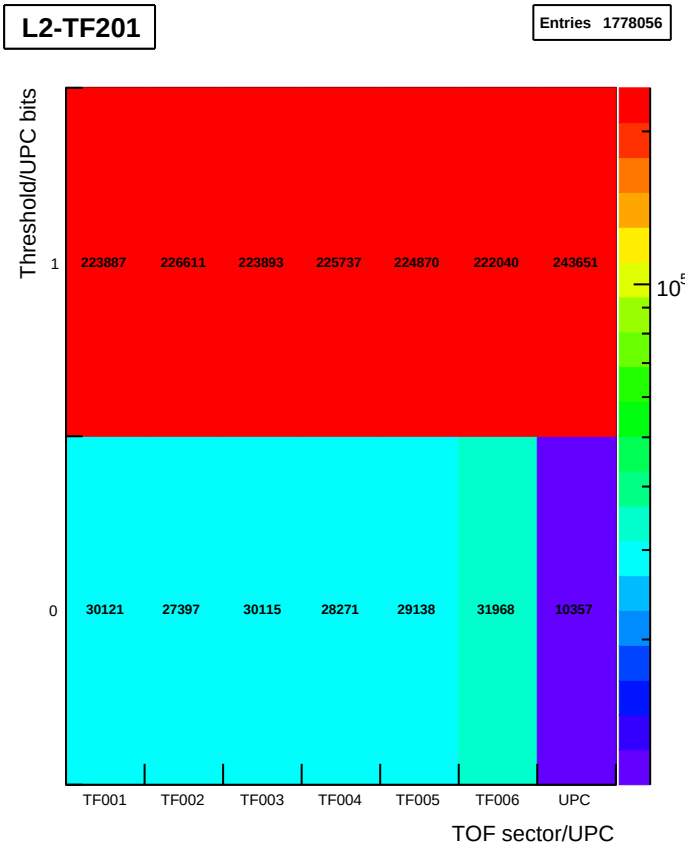

MIX-TF101
Entries 73485
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

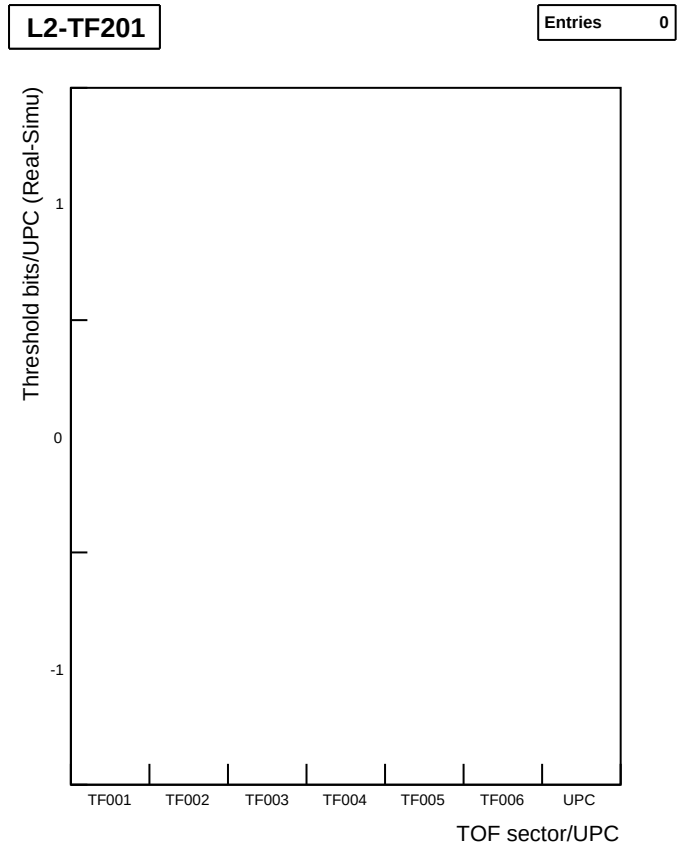

MIX-TF101
Entries 1524048
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

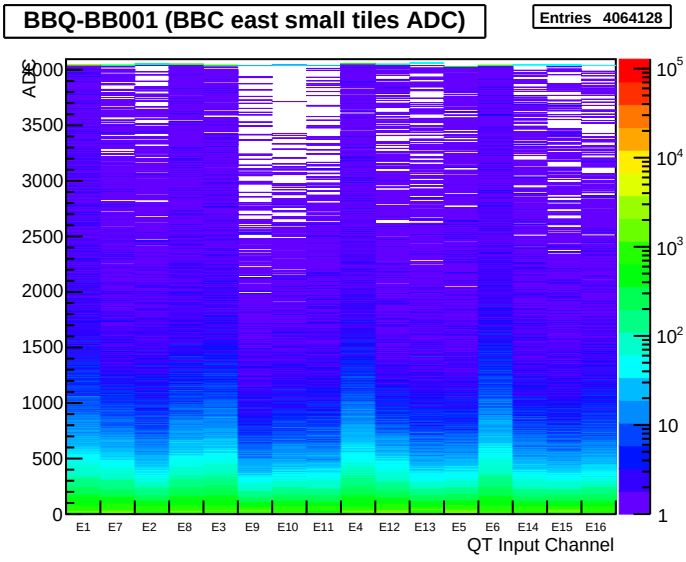

MIX-TF101
Entries 147006
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

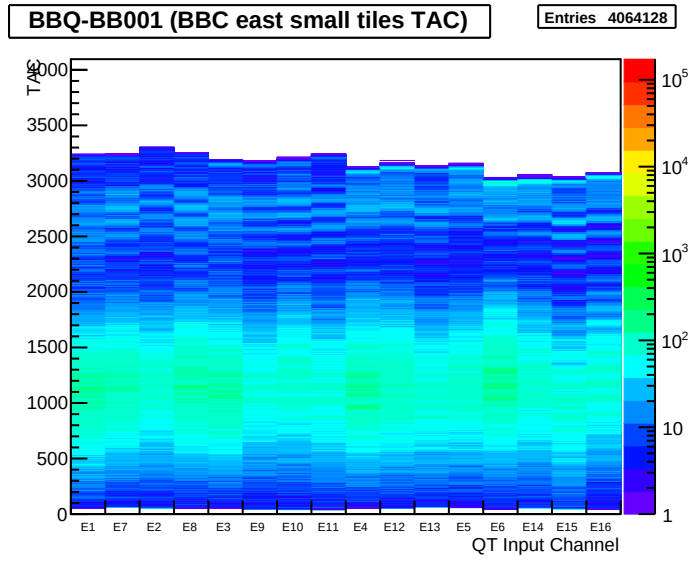

L2-TF201
Entries 254008
TOF total mult

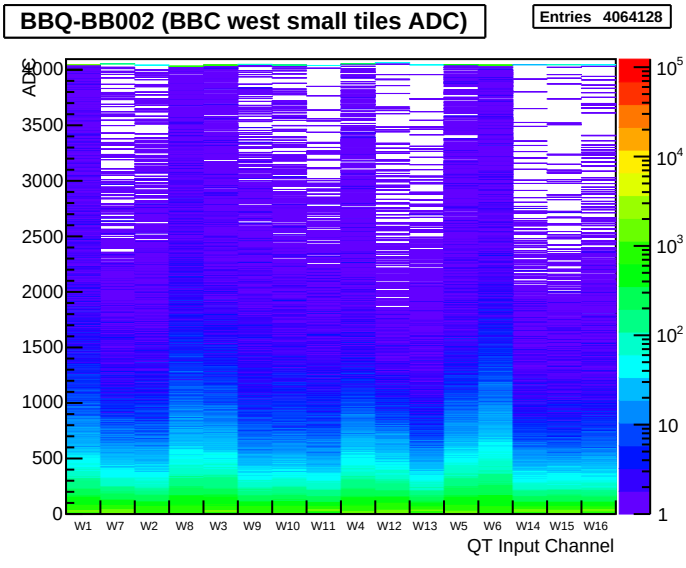

L2-TF201
Entries 0
TOF total mult(Real-Simu)

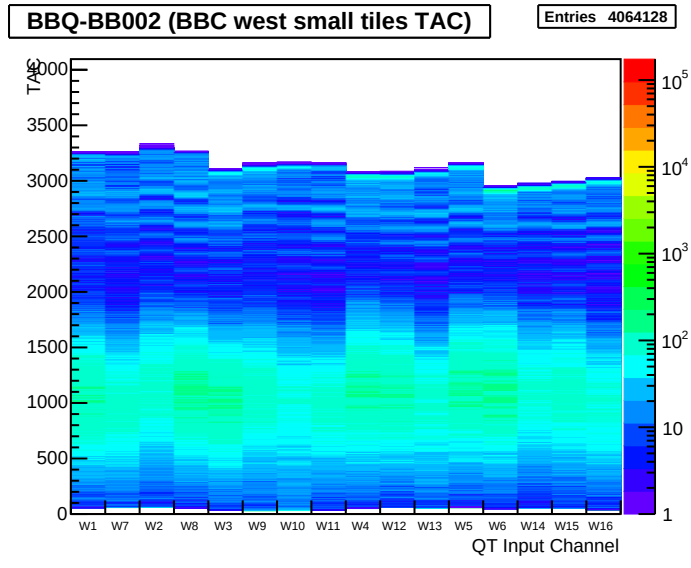

L2-TF201
Entries 1778056
Threshold/UPC bits
223887
226611
223893
225737
224870
222040
243651
30121
27397
30115
28271
29138
31968
10357
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

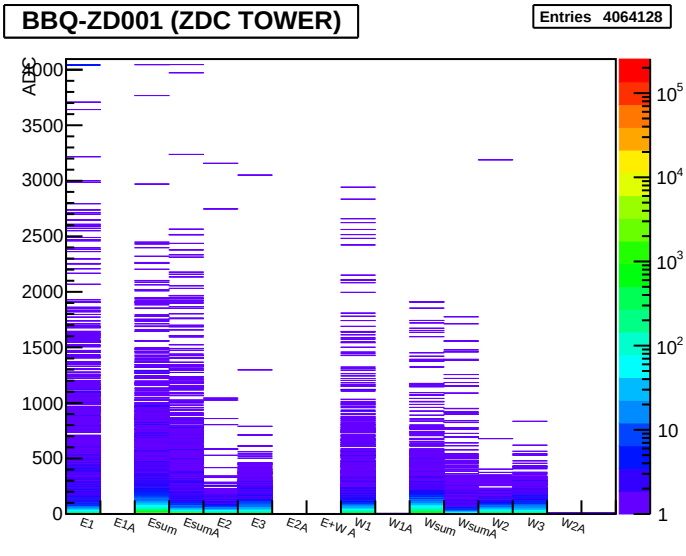

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

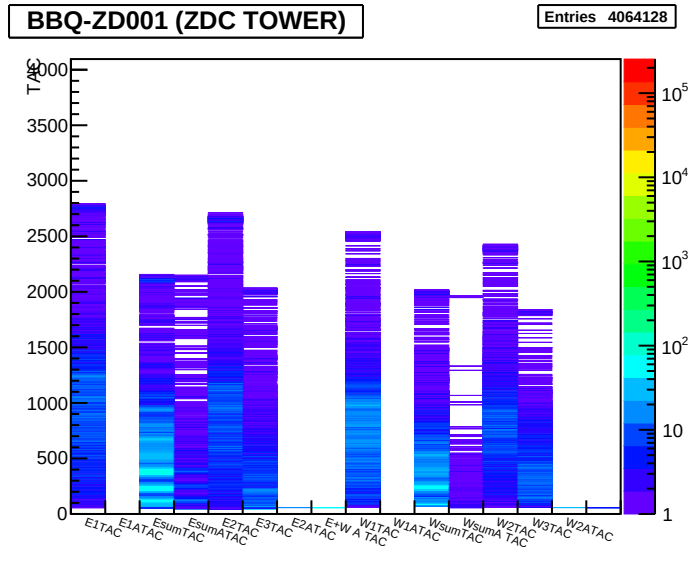

BBQ-BB001 (BBC east small tiles ADC)
Entries 4064128
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

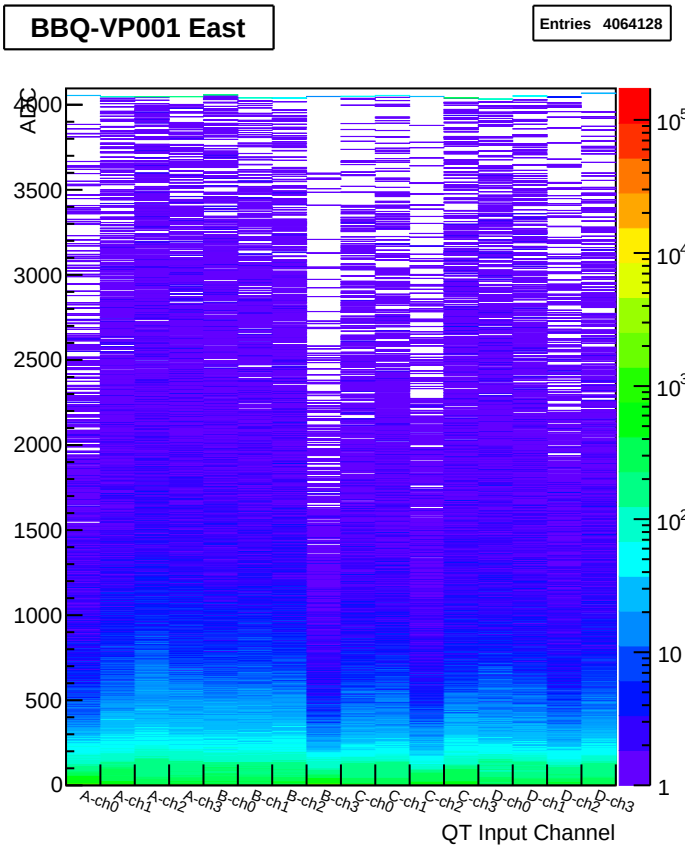

BBQ-BB001 (BBC east small tiles TAC)
Entries 4064128
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

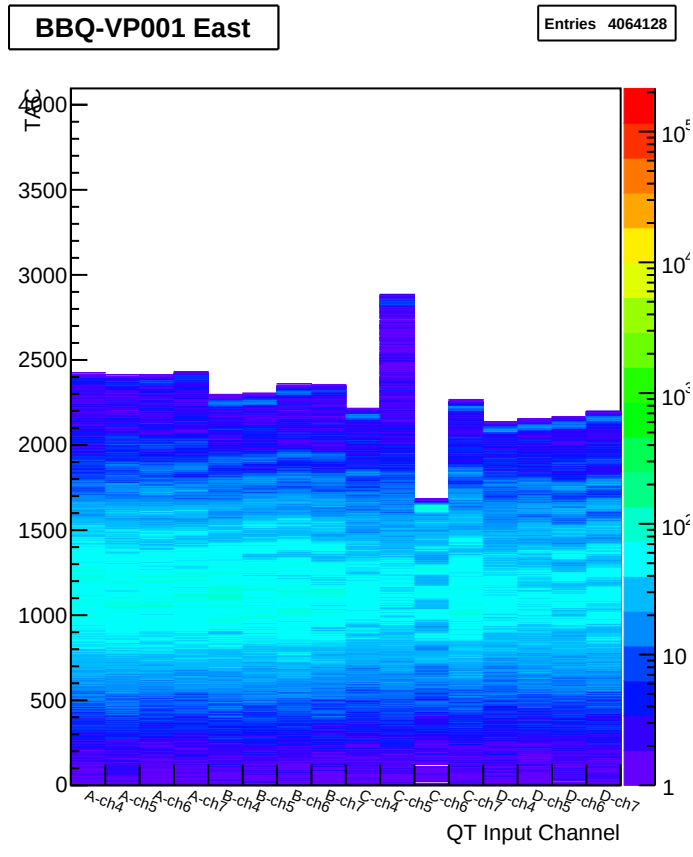

BBQ-BB002 (BBC west small tiles ADC)
Entries 4064128
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

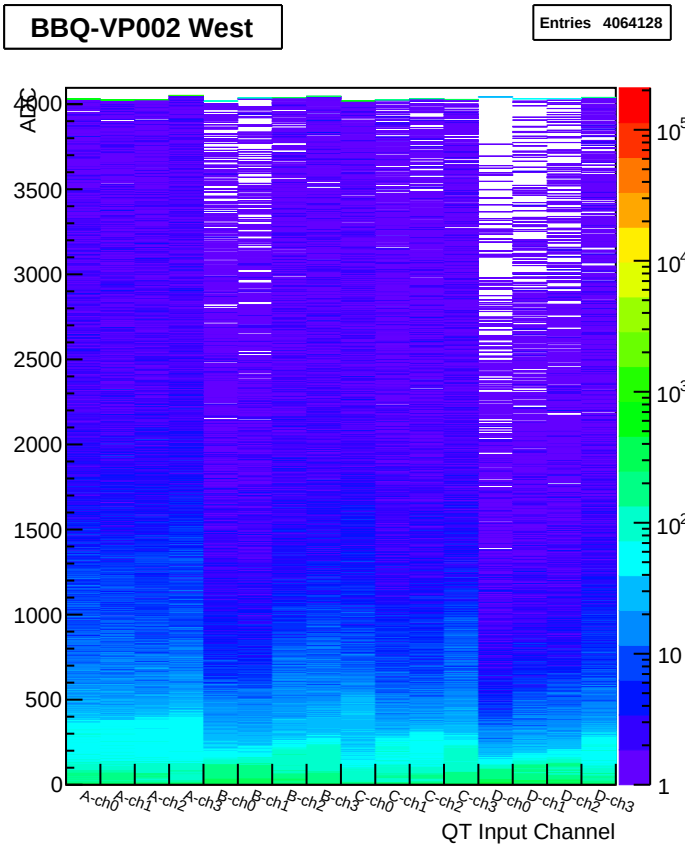

BBQ-BB002 (BBC west small tiles TAC)
Entries 4064128
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

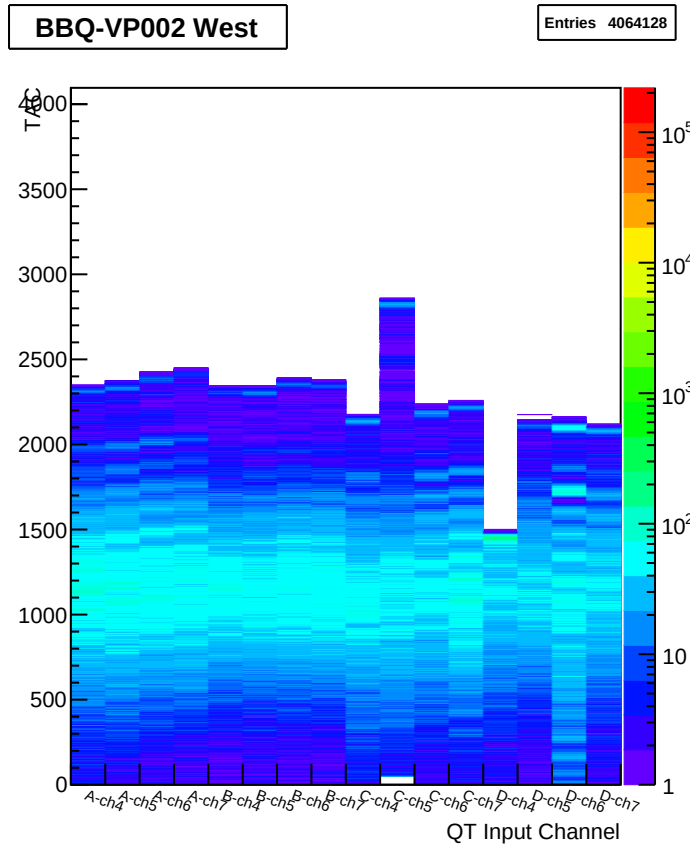

BBQ-ZD001 (ZDC TOWER)
Entries 4064128
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

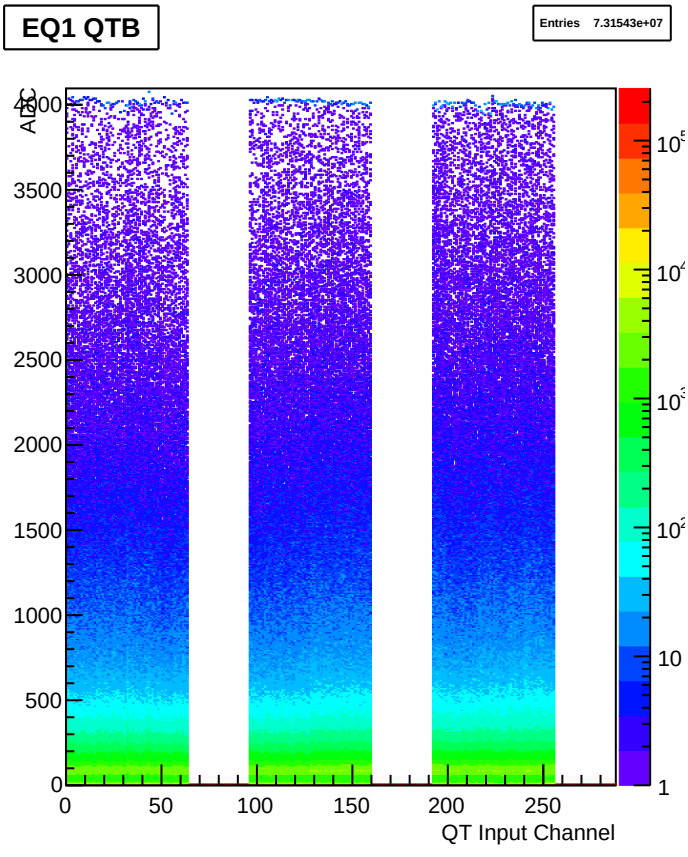

BBQ-ZD001 (ZDC TOWER)
Entries 4064128
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

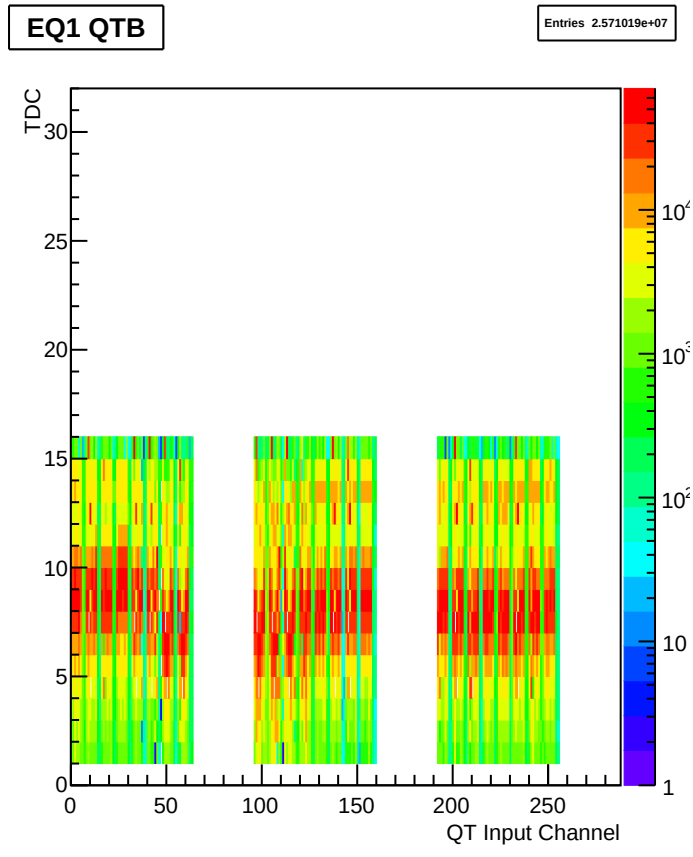

BBQ-VP001 East
Entries 4064128
ADC
QT Input Channel

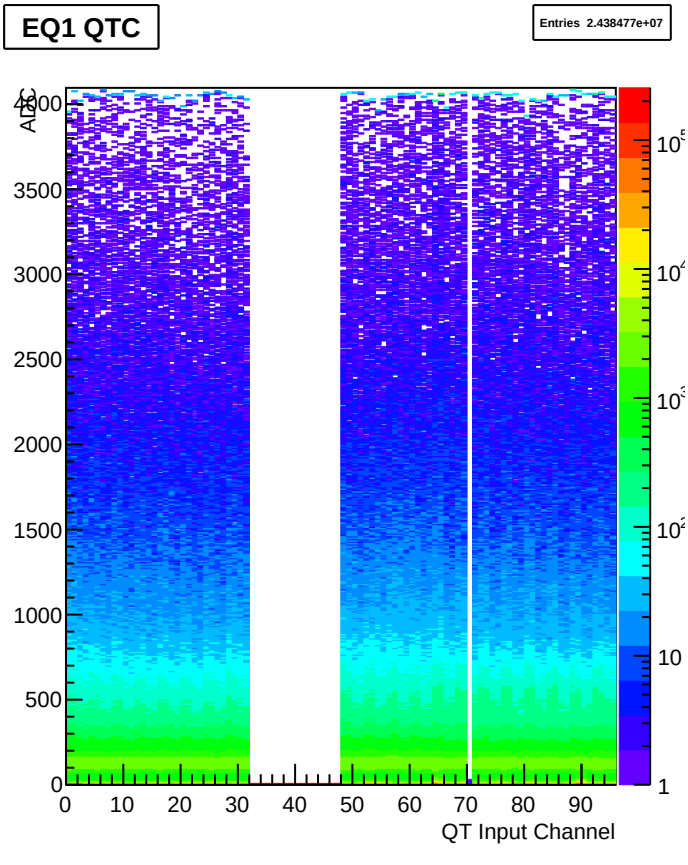

BBQ-VP001 East
Entries 4064128
TADC
QT Input Channel

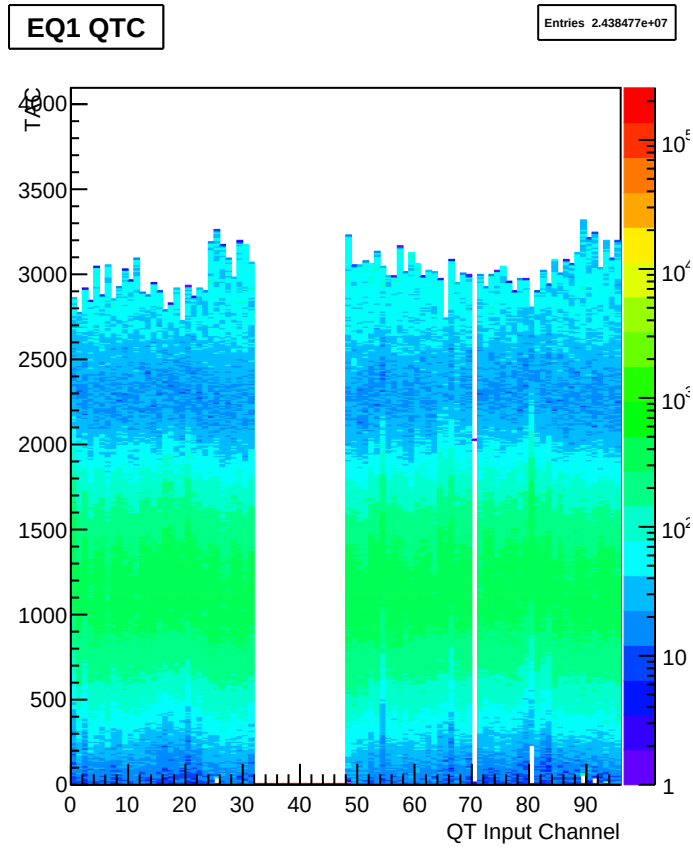

BBQ-VP002 West
Entries 4064128
ADC
QT Input Channel

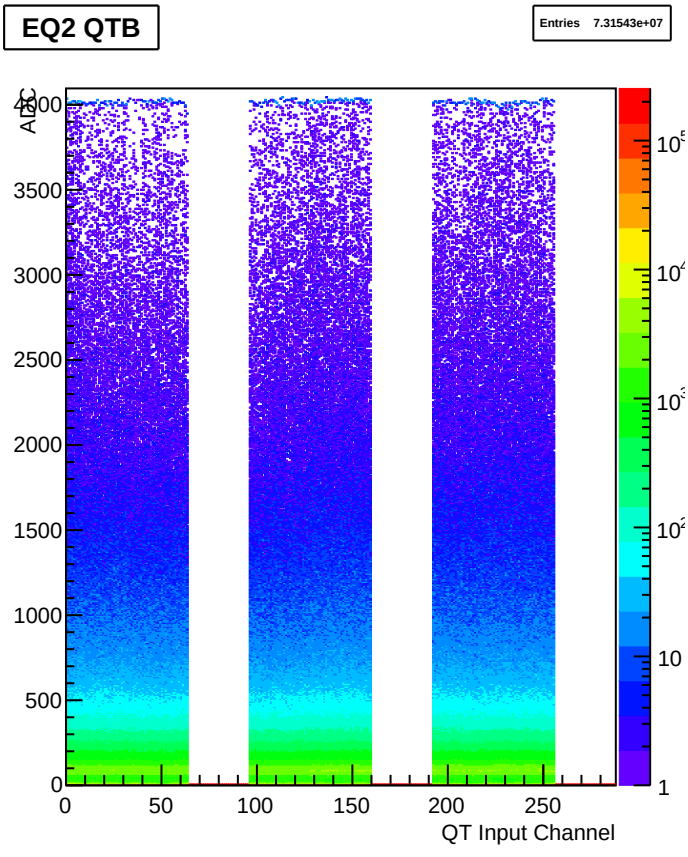

BBQ-VP002 West
Entries 4064128
TADC
QT Input Channel

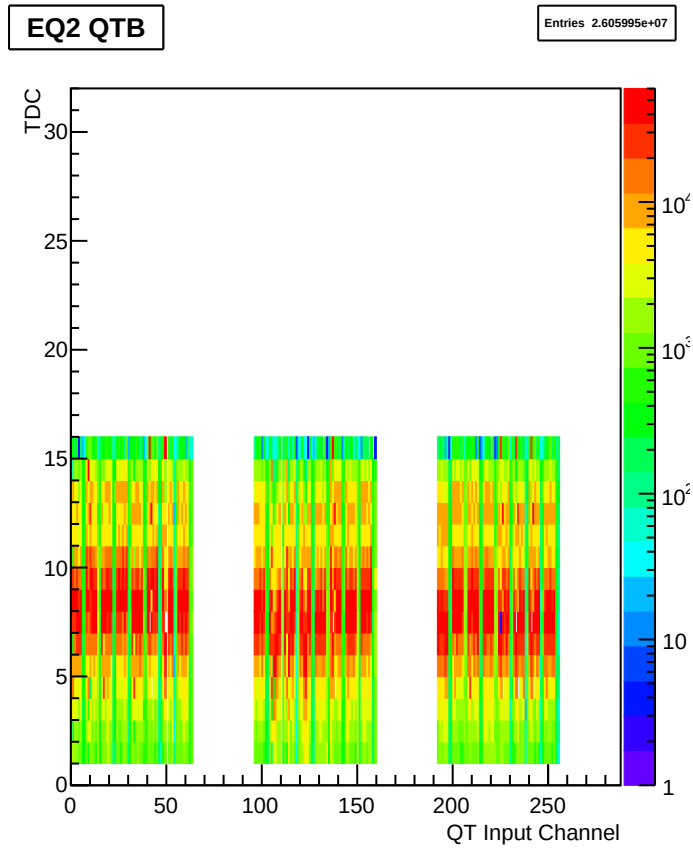

EQ1 QTB
Entries 7.31543e+07
ADC
QT Input Channel

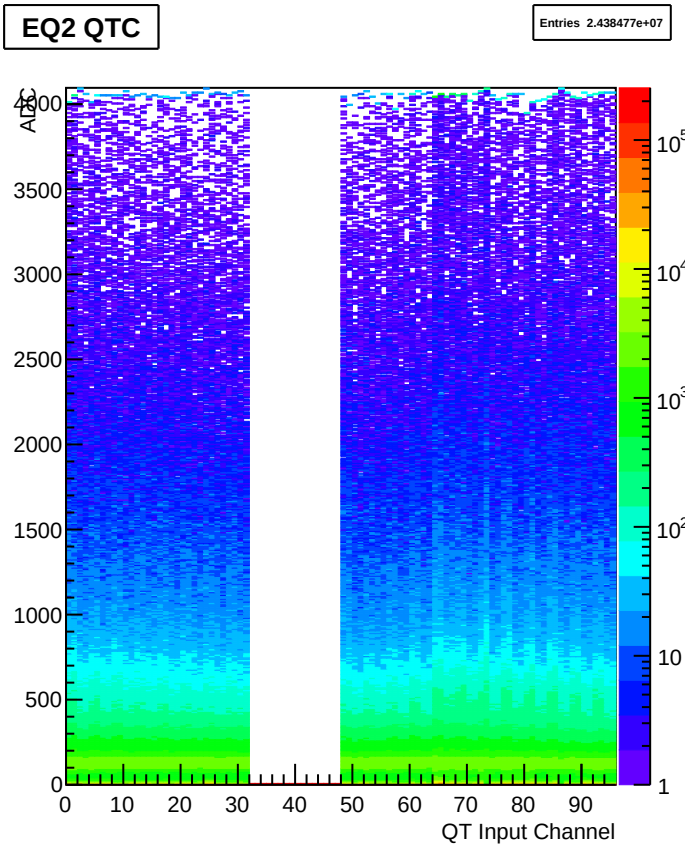

EQ1 QTB
Entries 2.571019e+07
TDC
QT Input Channel

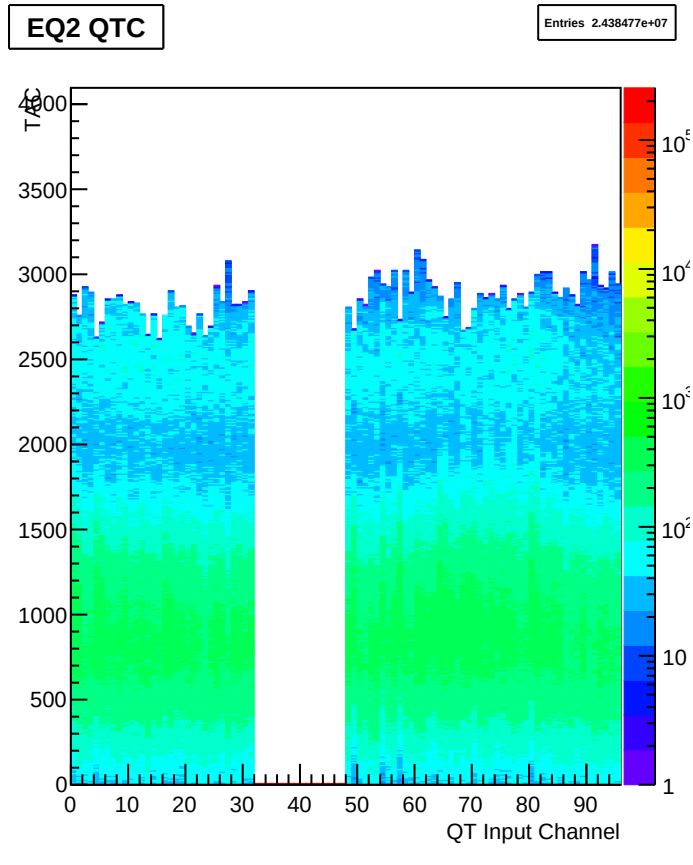

EQ1 QTC
Entries 2.438477e+07
ADC
QT Input Channel

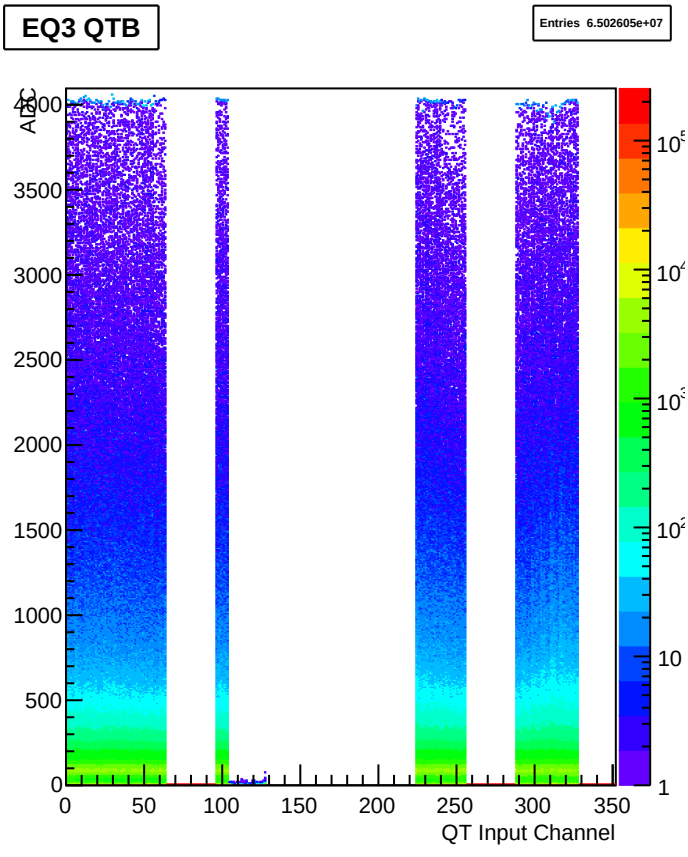

EQ1 QTC
Entries 2.438477e+07
TADC
QT Input Channel

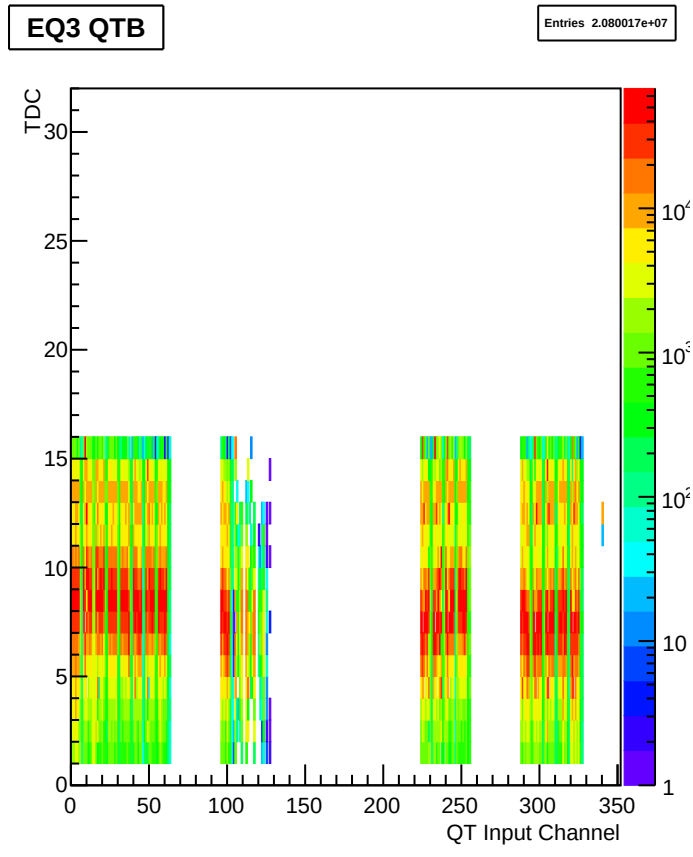

EQ2 QTB
Entries 7.31543e+07
ADC
QT Input Channel

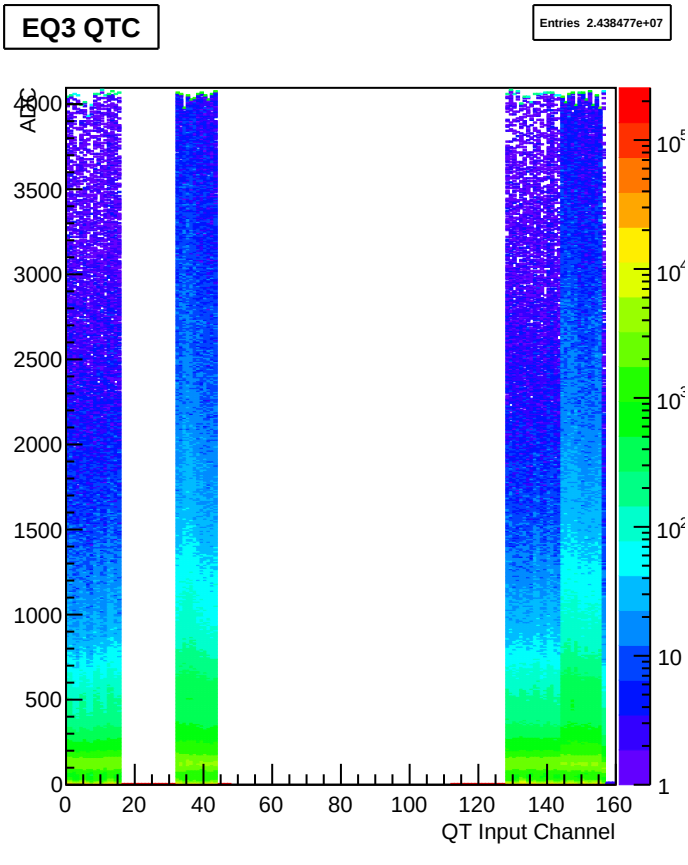

EQ2 QTB
Entries 2.605995e+07
TDC
QT Input Channel

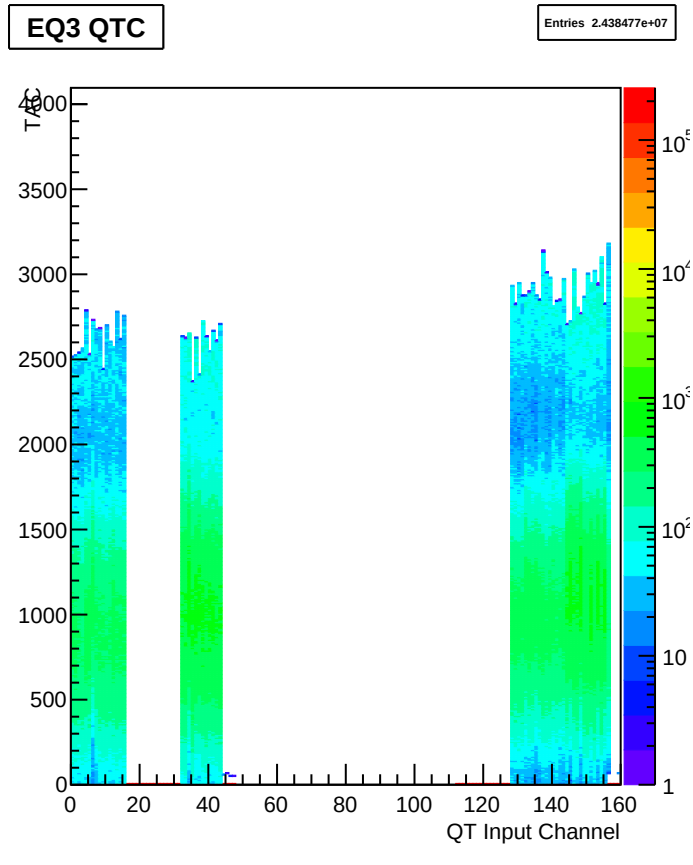

EQ2 QTC
Entries 2.438477e+07
ADC
QT Input Channel


EQ2 QTC
Entries 2.438477e+07
TADC
QT Input Channel


EQ3 QTB
Entries 6.502605e+07
ADC
QT Input Channel


EQ3 QTB
Entries 2.080017e+07
TDC
QT Input Channel


EQ3 QTC
Entries 2.438477e+07
ADC
QT Input Channel


EQ3 QTC
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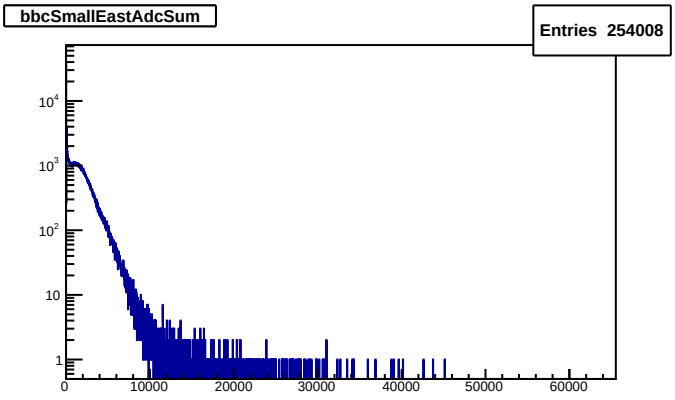
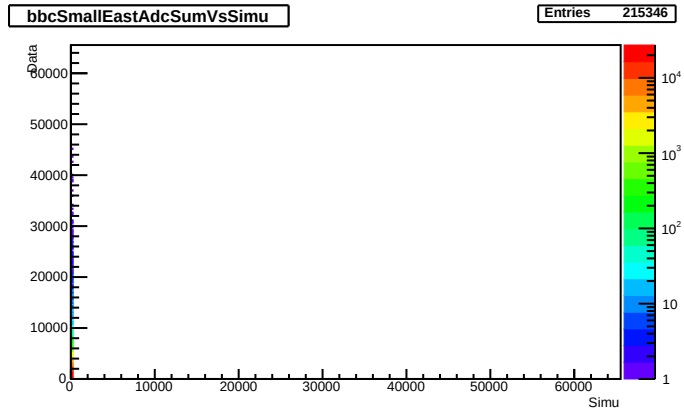
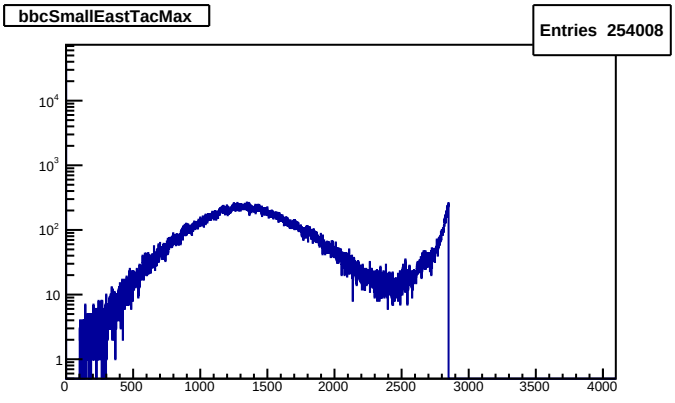
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 254008


bbcSmallEastAdcSumVsSimu
Entries 215346
Data
Simu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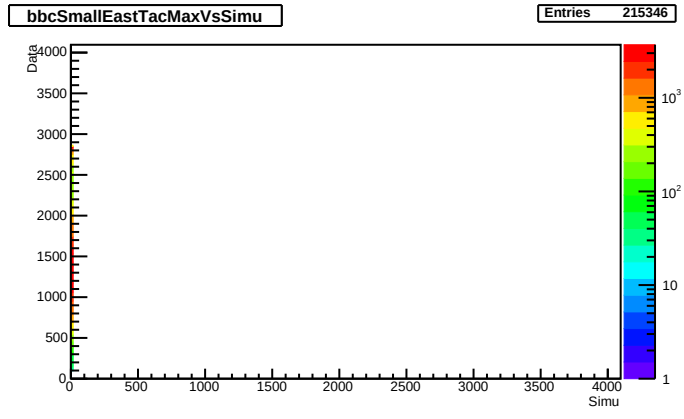
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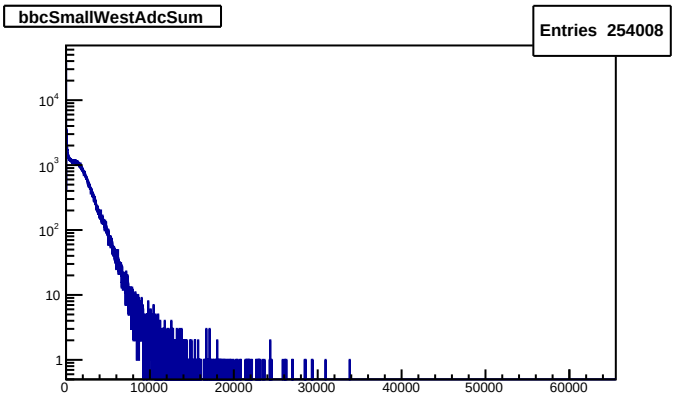
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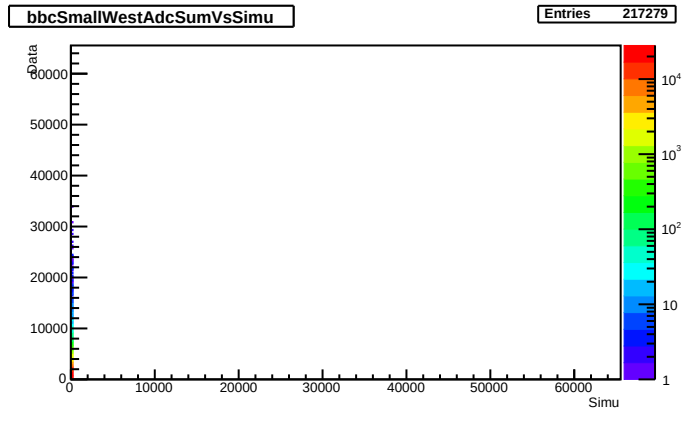
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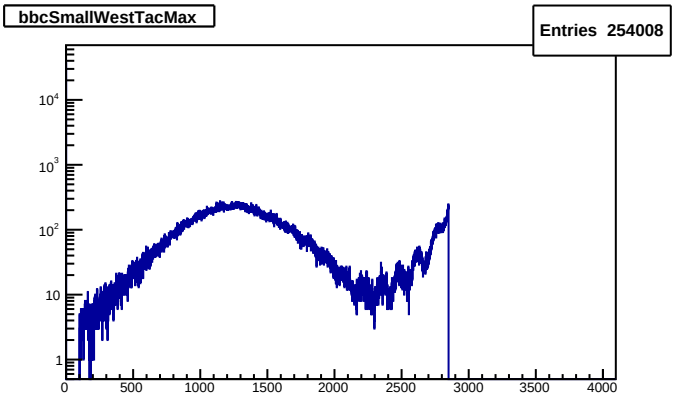
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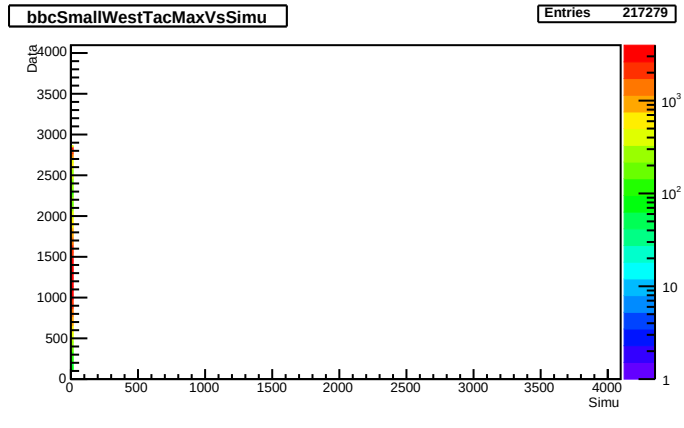
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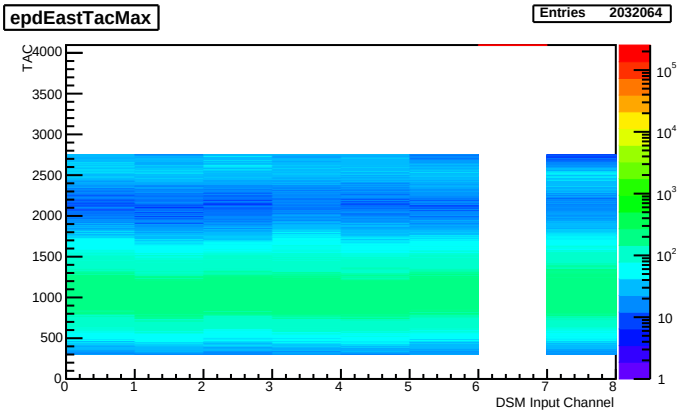
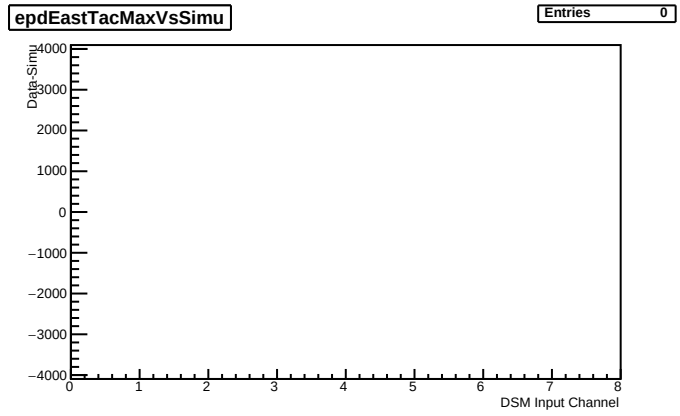
Entries 217279
Data
Simu


epdEastTacMax
Entries 2032064
TAC
DSM Input Channel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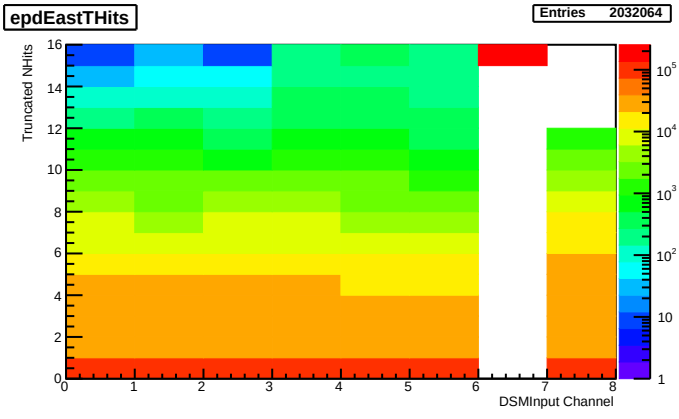
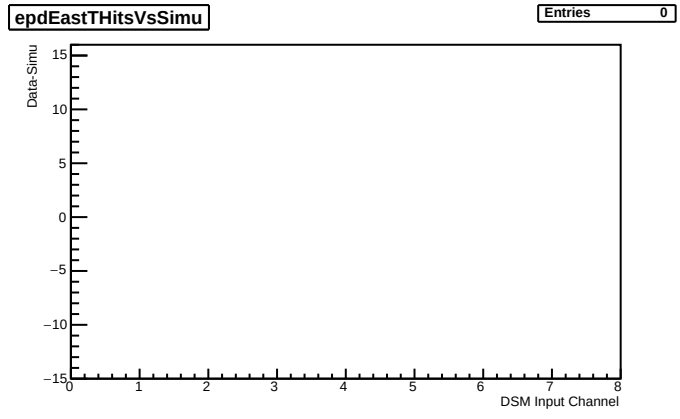
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2032064
Truncated NHits
DSMInput Channel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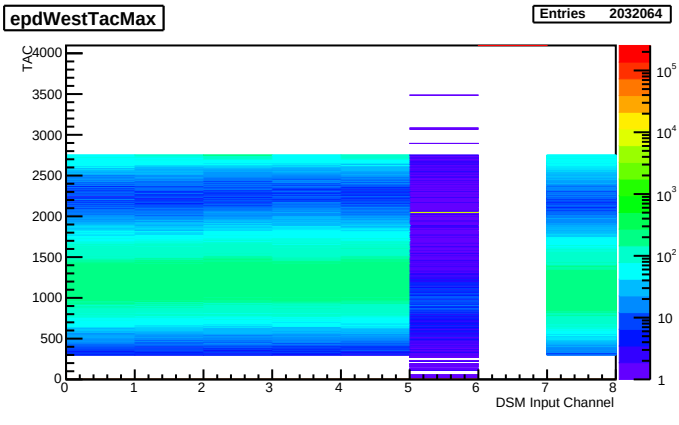
DSM Input Channel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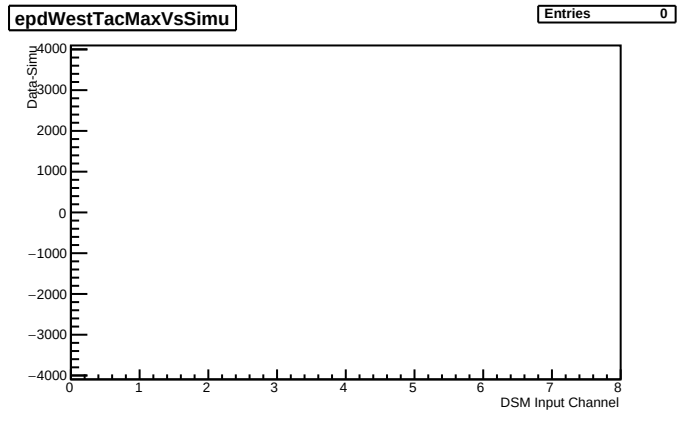
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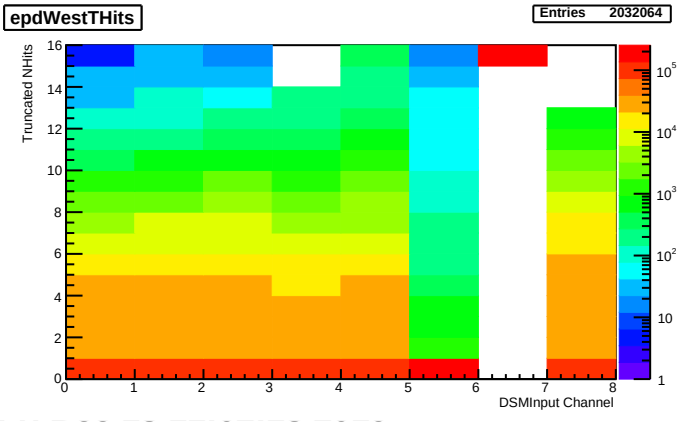
Data-Simu
DSM Input Channel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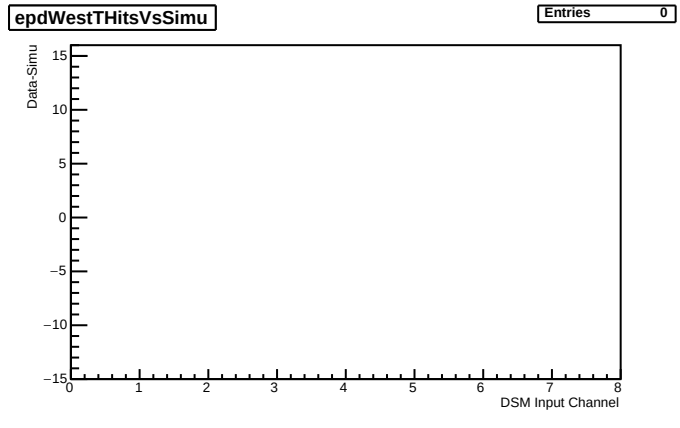
Truncated NHits
DSMInput Channel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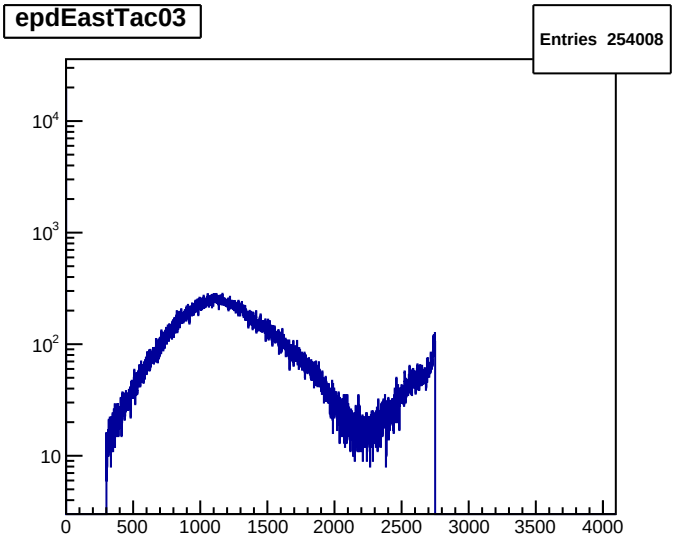
Entries 0
Data-Simu
DSM Input Channel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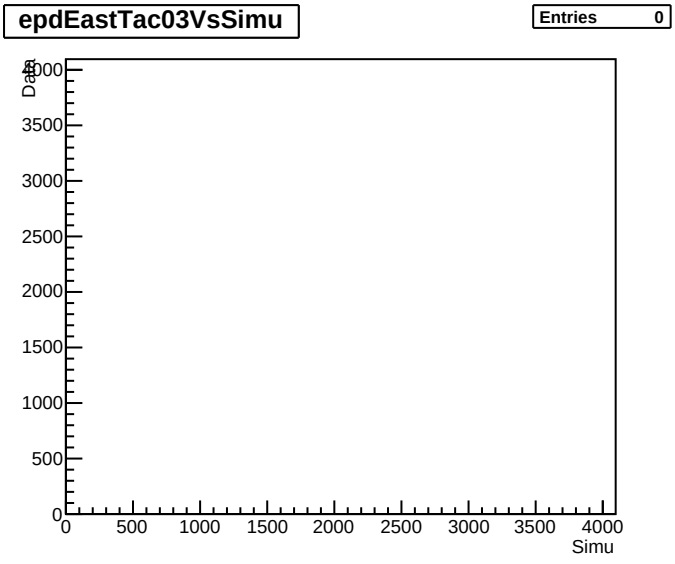
Entries 254008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Entries 0
Data
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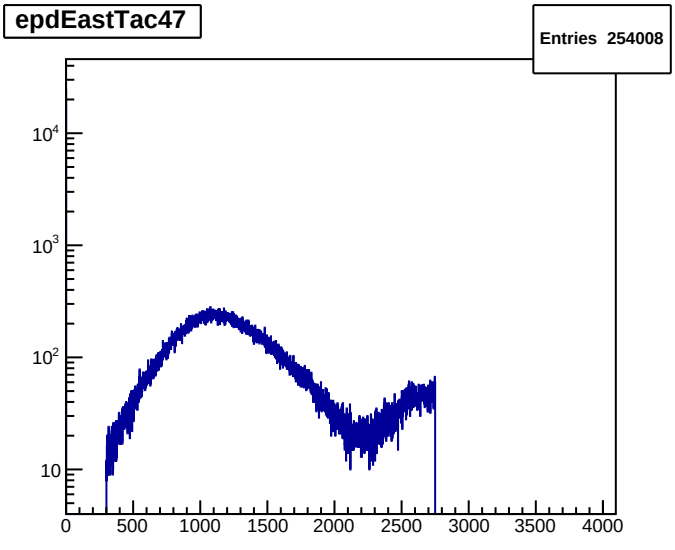
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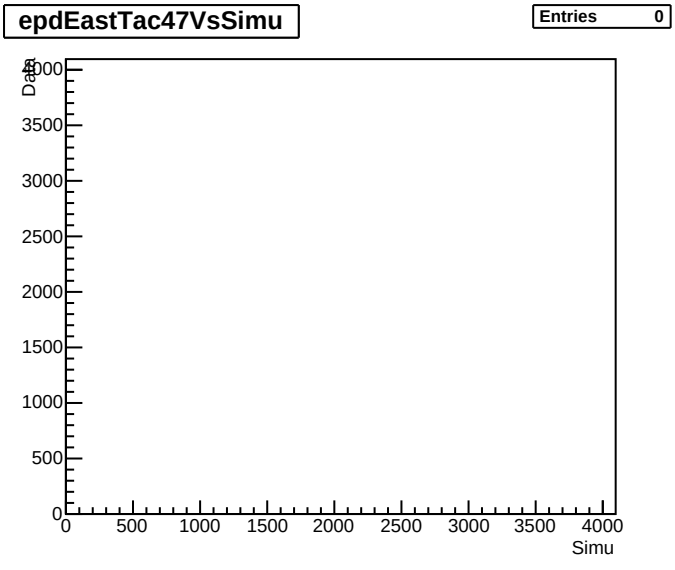
Entries 254008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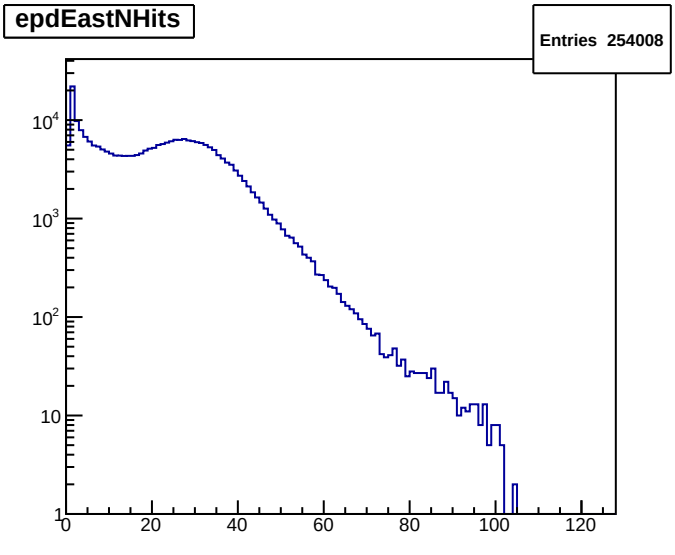
Entries 0
Data
Simu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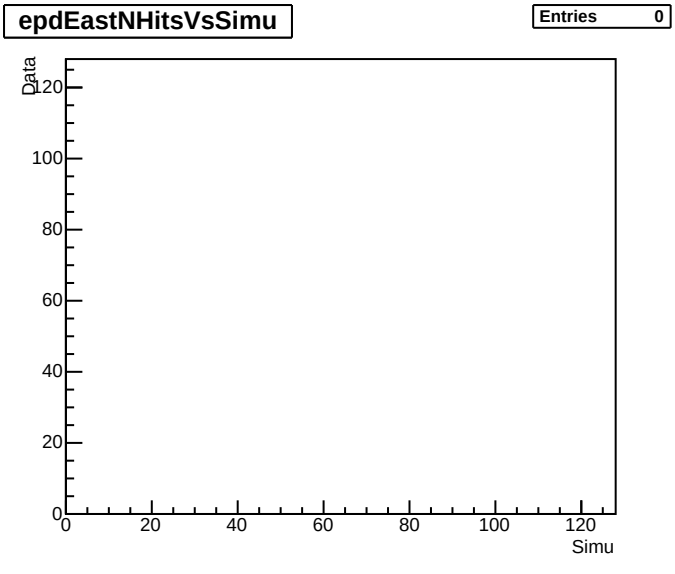
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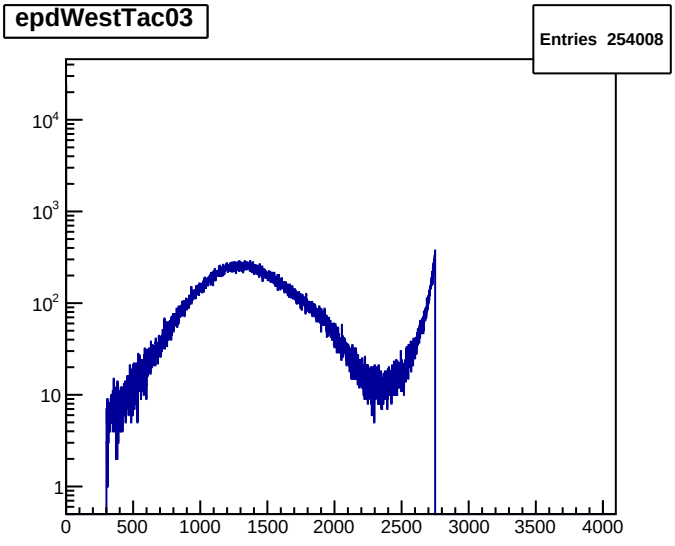
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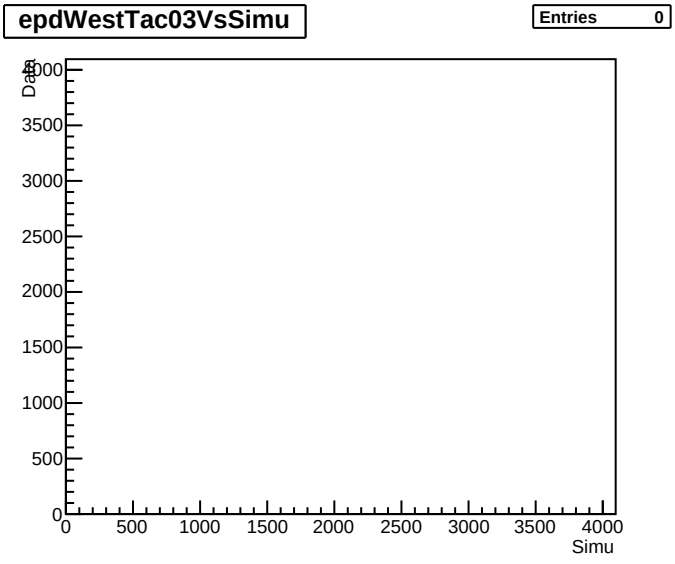
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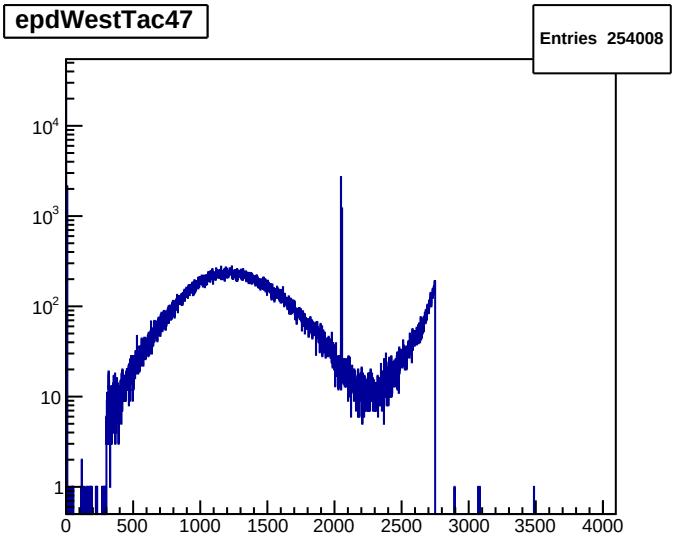
Simu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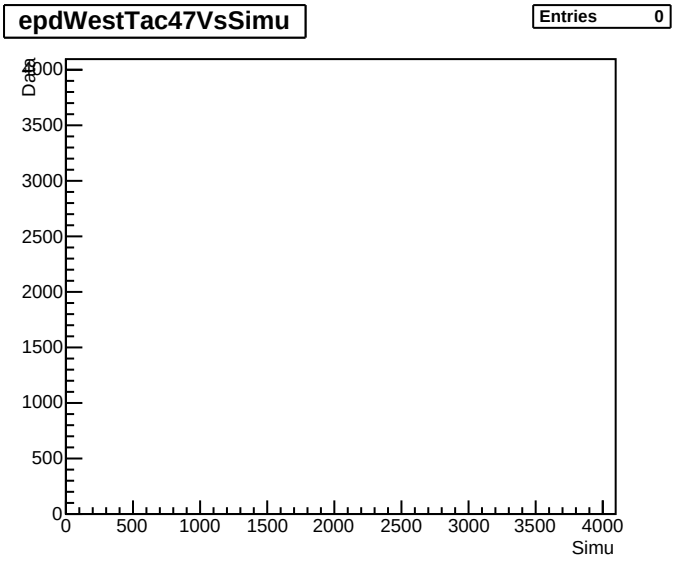
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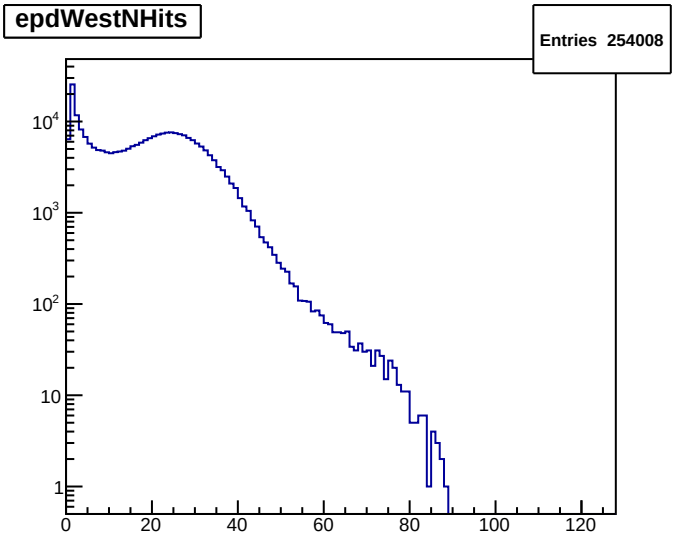
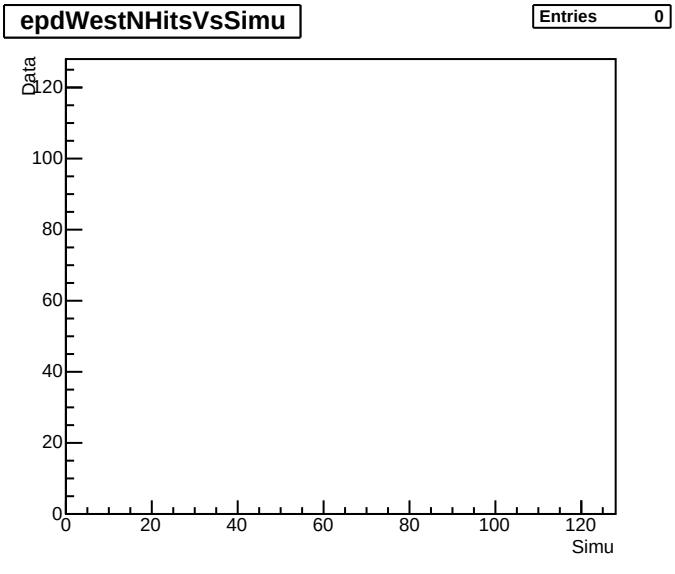
Entries 0
Data
Simu


epdWestNHits
Entries 254008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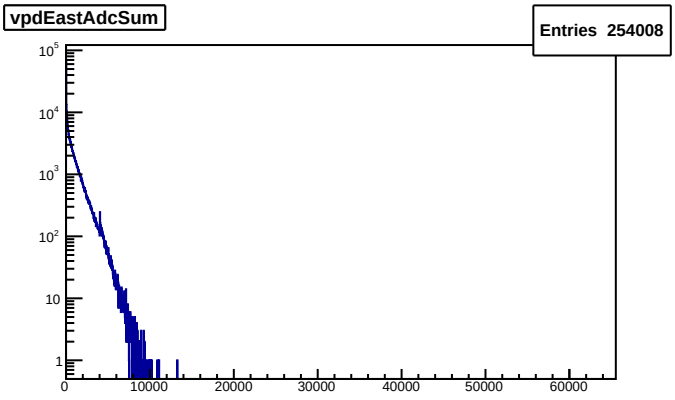
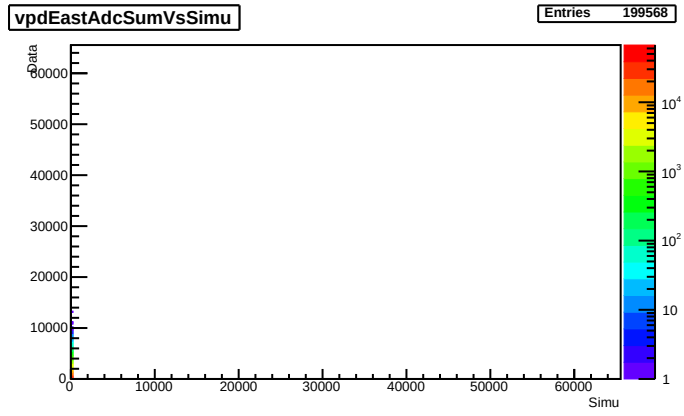
Entries 0
Data
Simu


vpdEastAdcSum
Entries 254008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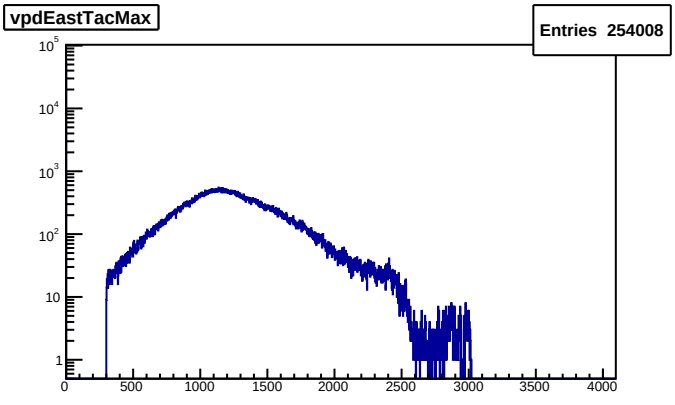
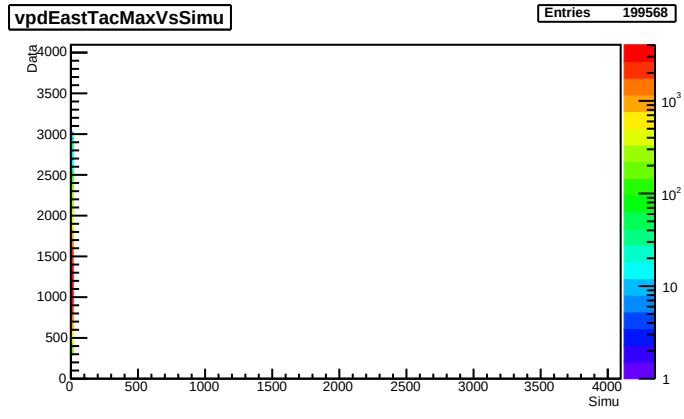
Entries 199568
Data
Simu


vpdEastTacMax
Entries 254008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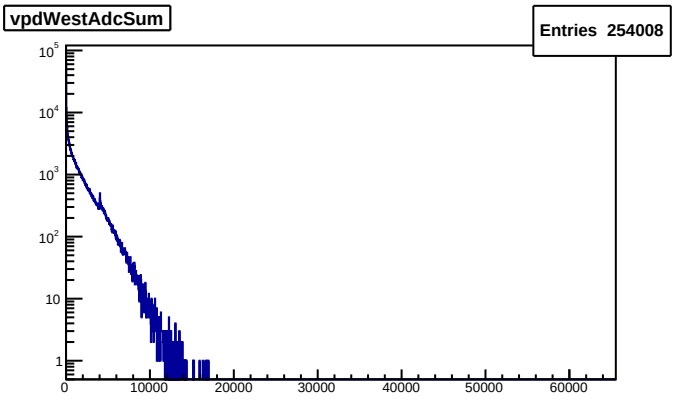
Data
Simu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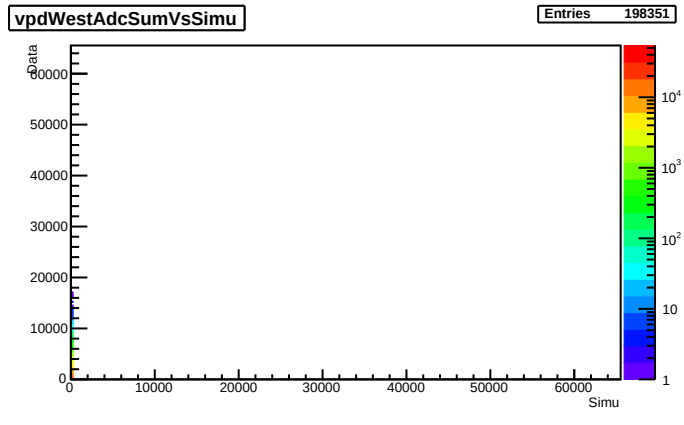
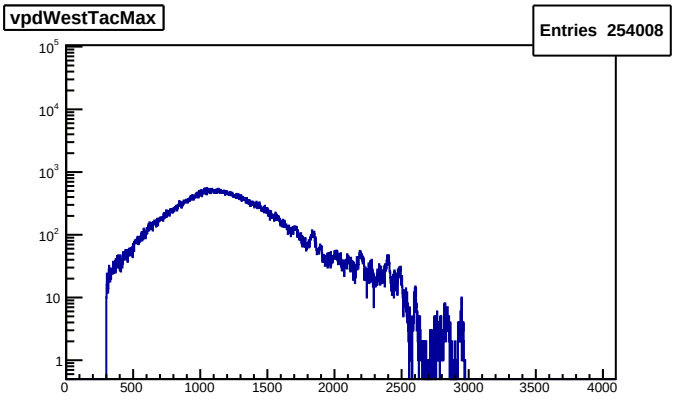
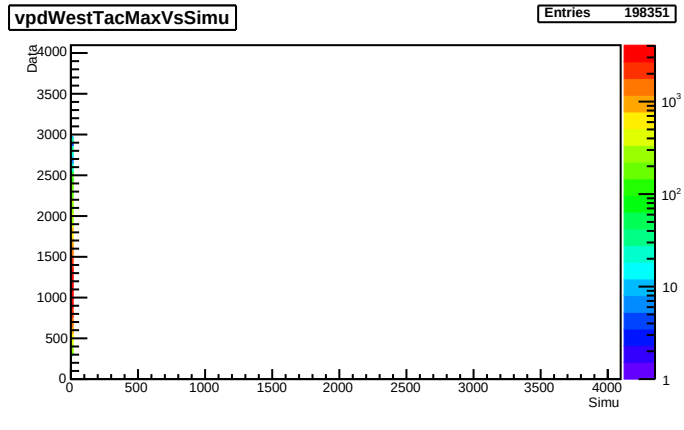
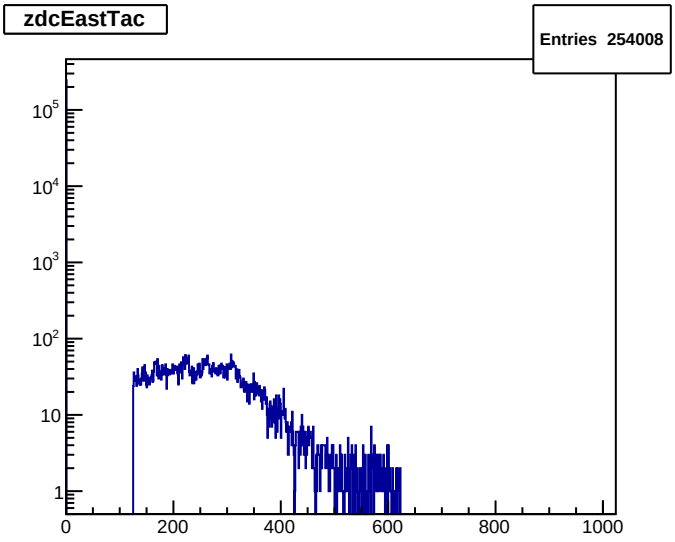
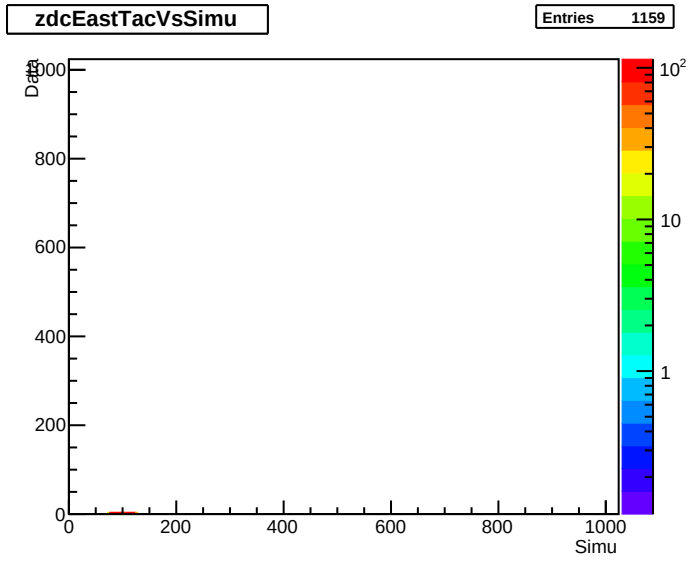
Entries 254008

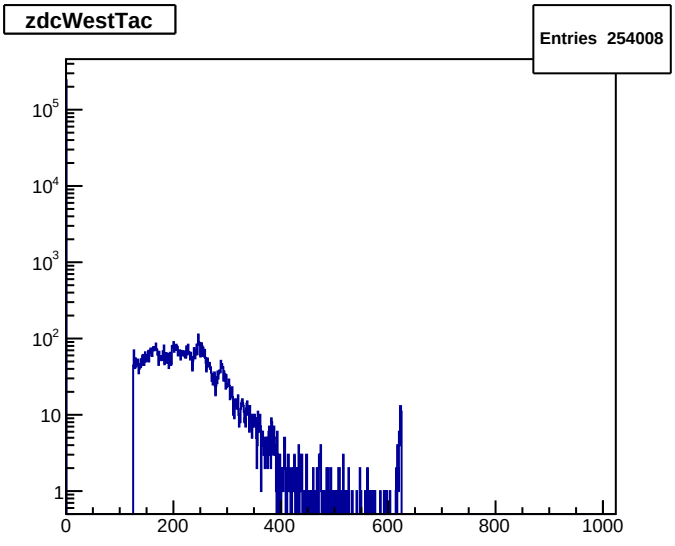

vpdWestAdcSumVsSimu
Entries 198351
Data
Simu

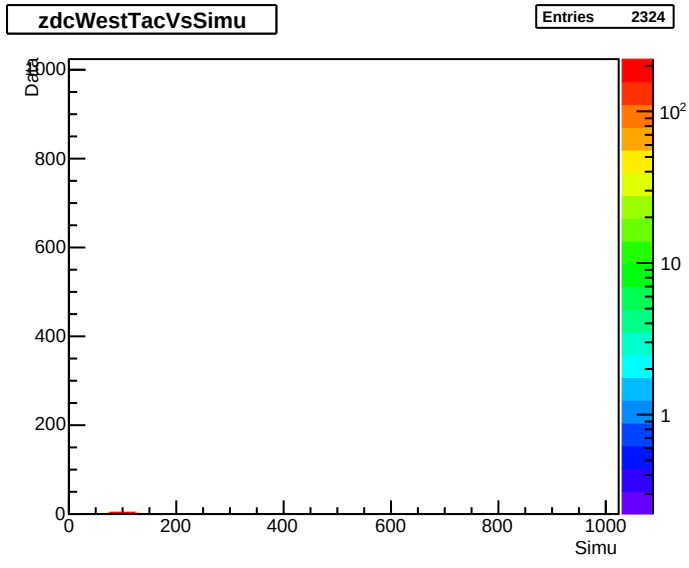

vpdWestTacMax
Entries 254008

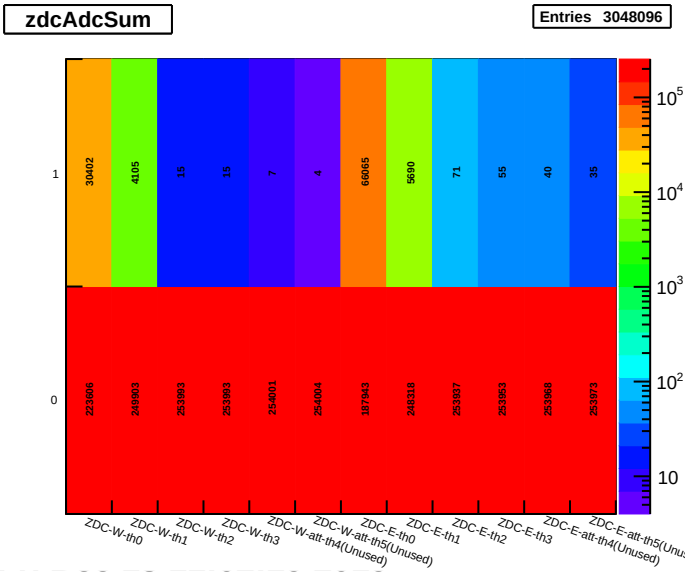

vpdWestTacMaxVsSimu
Entries 198351
Data
Simu

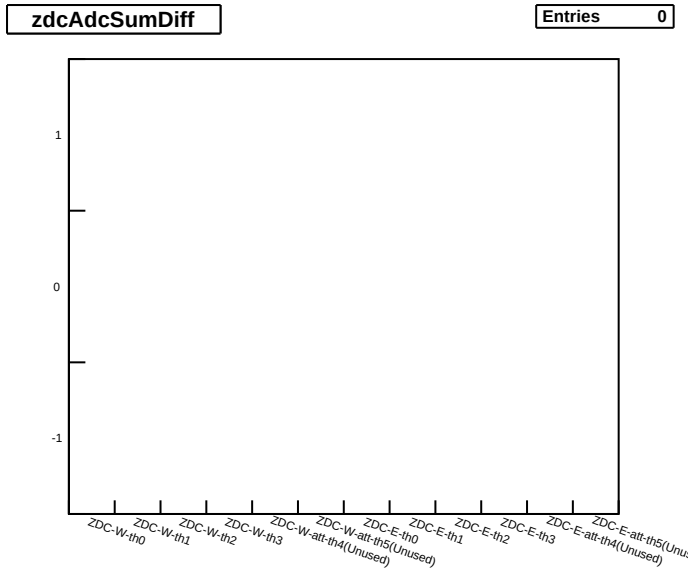

zdcEastTac
Entries 254008


zdcEastTacVsSimu
Entries 1159
Data
Simu


zdcWestTac
Entries 254008


zdcWestTacVsSimu
Entries 2324
Data
Simu


zdcAdcSum
Entries 3048096
30402
4105
15
15
7
4
66065
5690
71
55
40
35
223606
249903
253993
253993
254001
254004
187943
248316
253937
253953
253968
253973
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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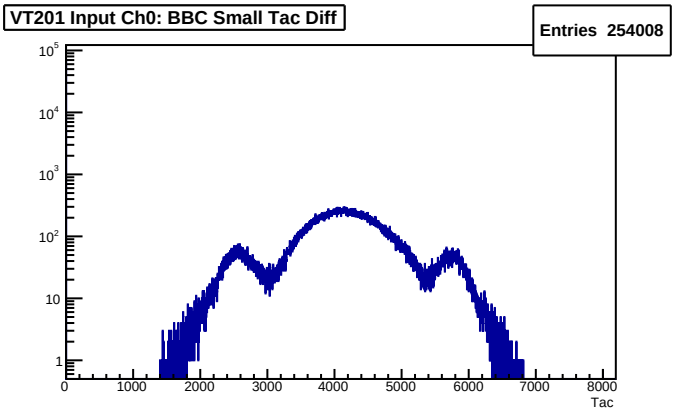
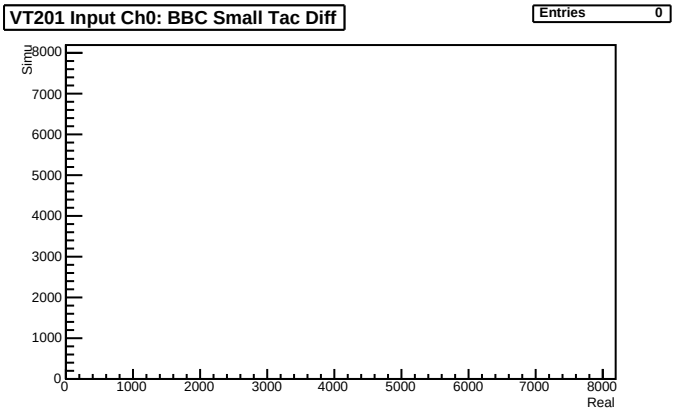
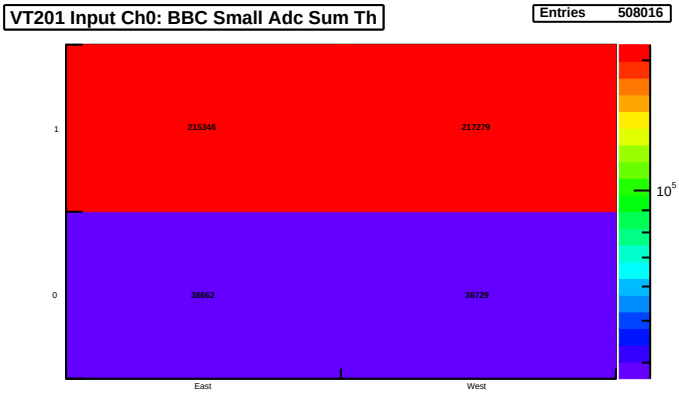
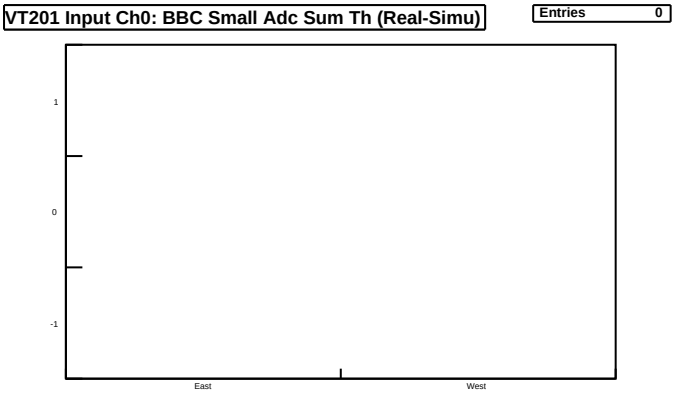
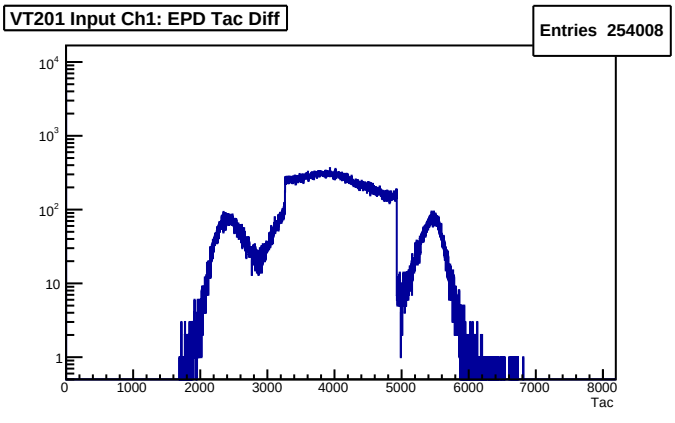
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

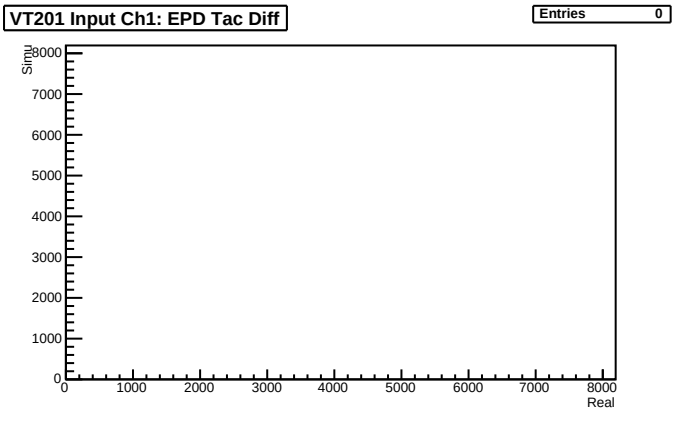

VT201 Input Ch0: BBC Small Tac Diff
Entries 254008
Tac

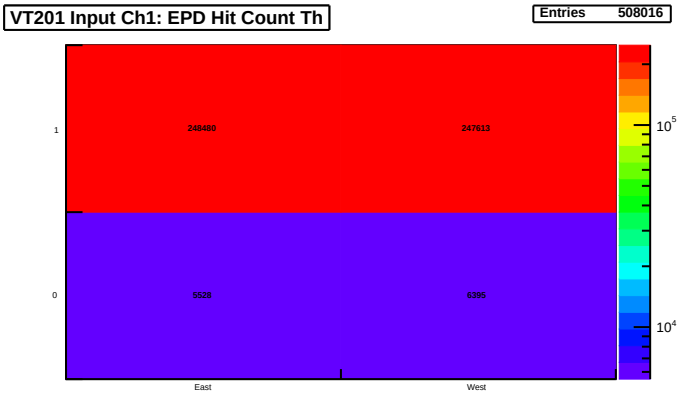

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

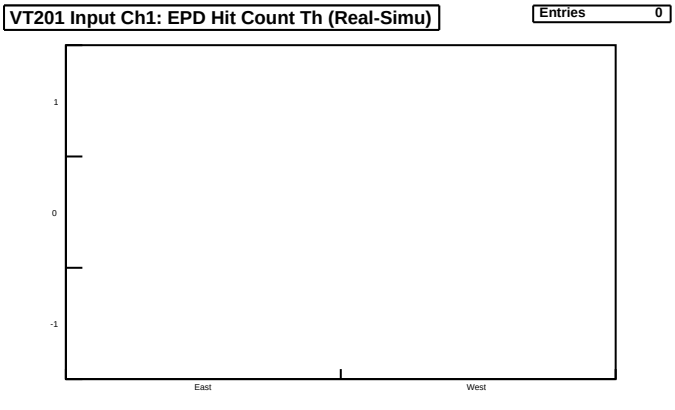

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 508016
215346
217279
38662
36729
East
West

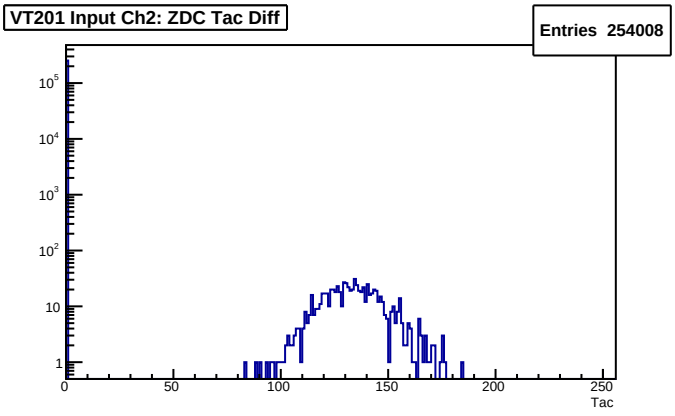

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

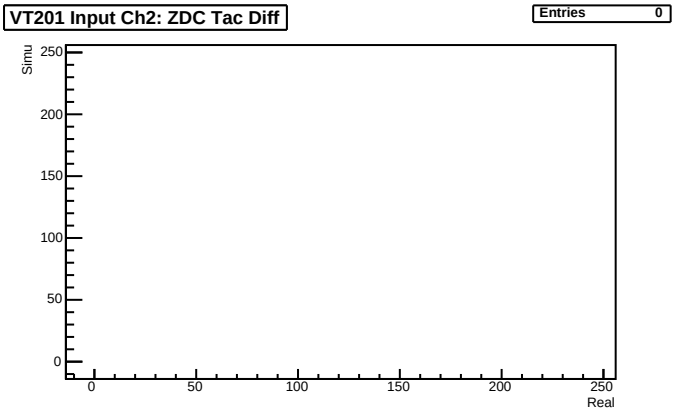

VT201 Input Ch1: EPD Tac Diff
Entries 254008
Tac

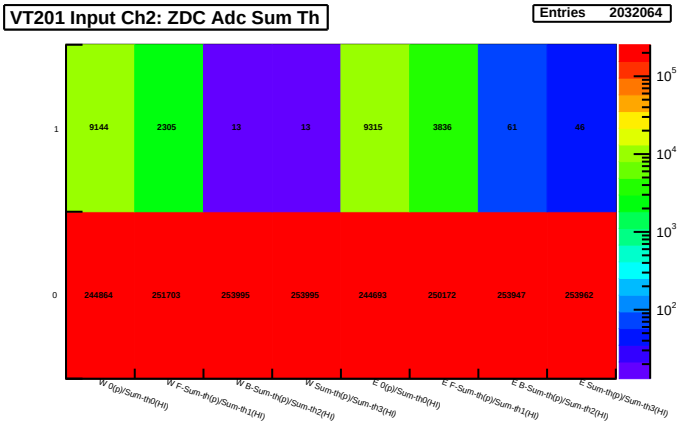

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

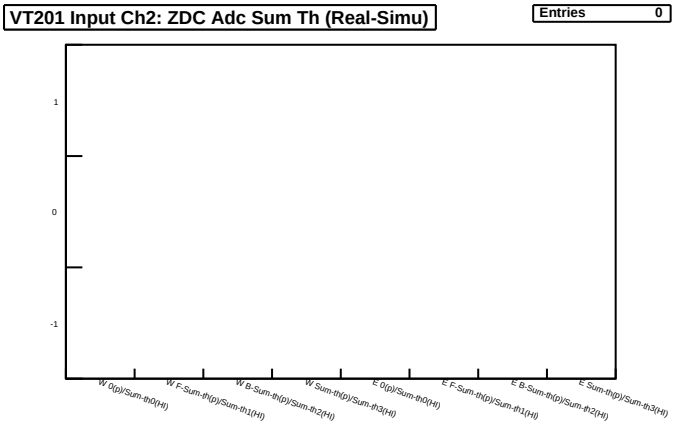

VT201 Input Ch1: EPD Hit Count Th
Entries 508016
248480
247613
5528
6395
East
West

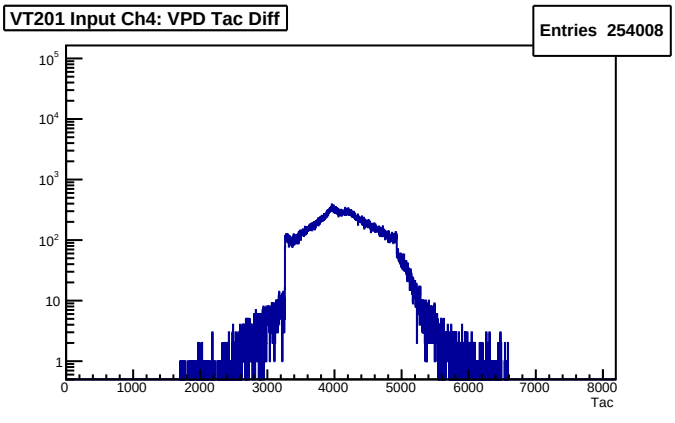

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

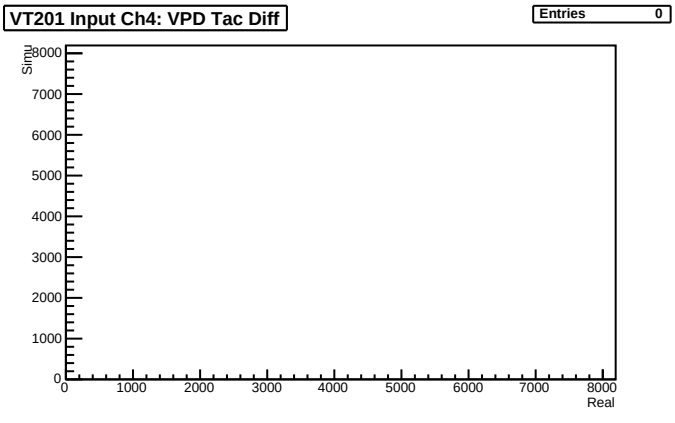

VT201 Input Ch2: ZDC Tac Diff
Entries 254008
Tac

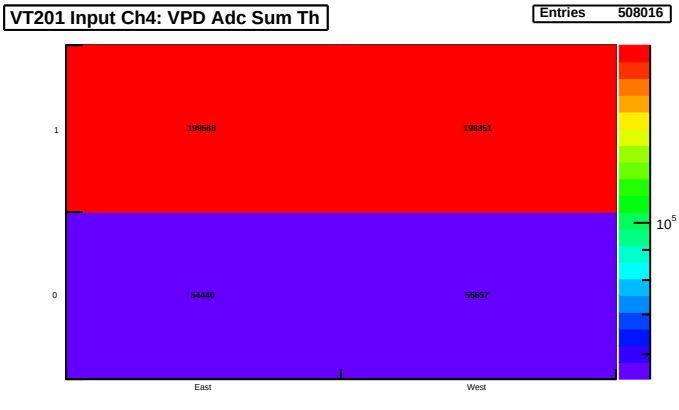

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

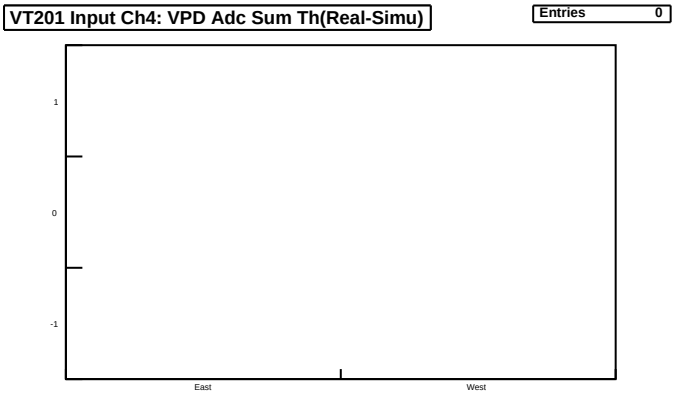

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2032064
9144
2305
13
13
9315
3836
61
46
244864
251703
253995
253995
244693
250172
253947
253962
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

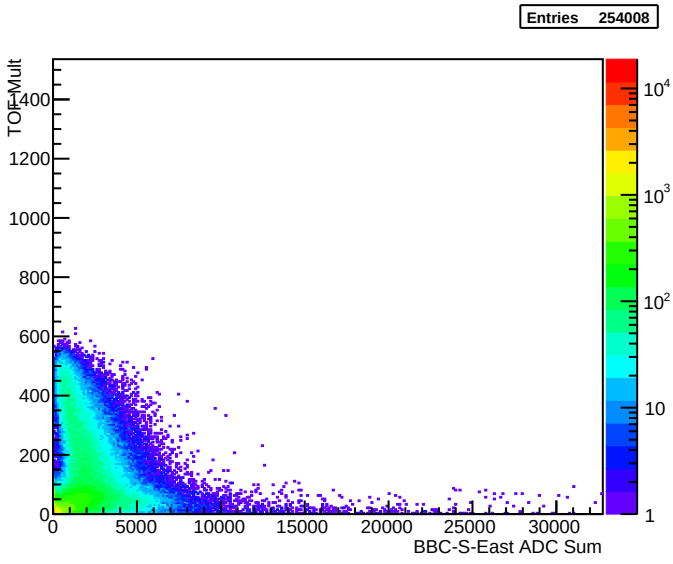

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

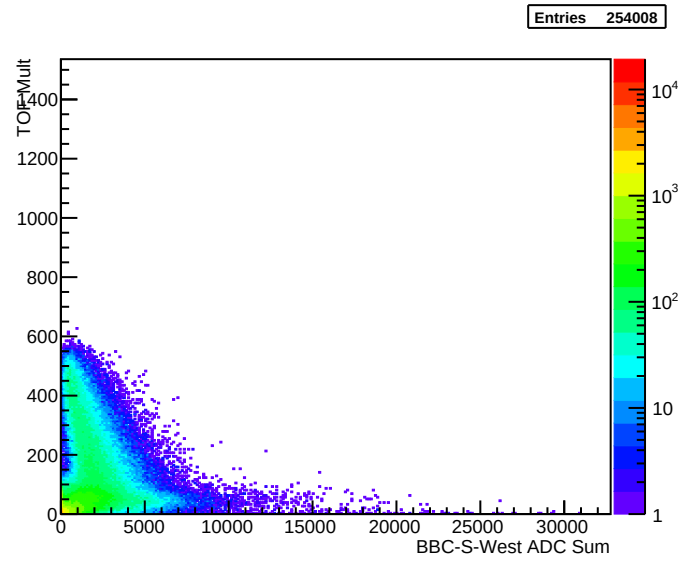

VT201 Input Ch4: VPD Tac Diff
Entries 254008
Tac

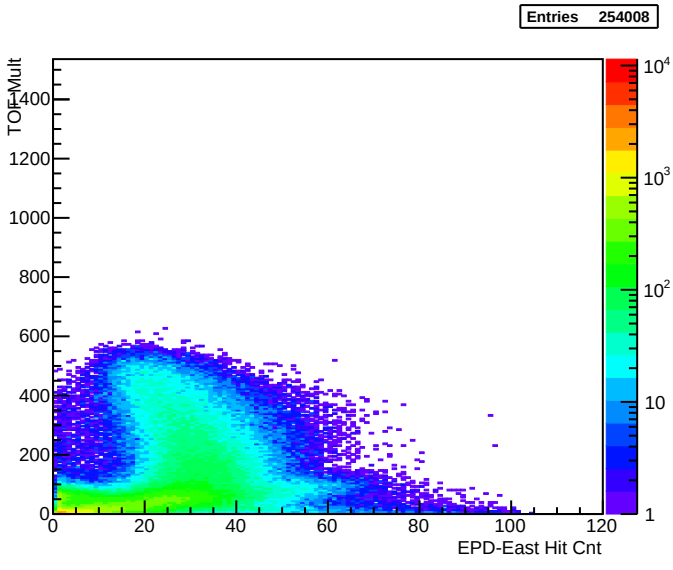

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

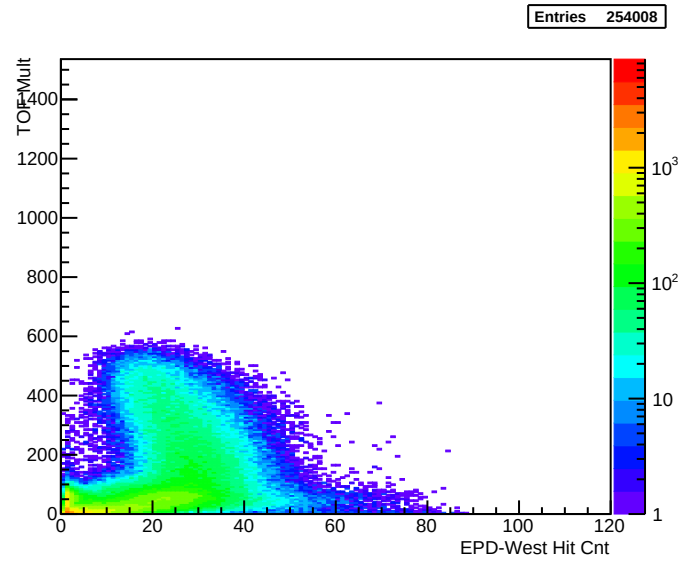

VT201 Input Ch4: VPD Adc Sum Th
Entries 508016
199568
198351
54440
55657
East
West

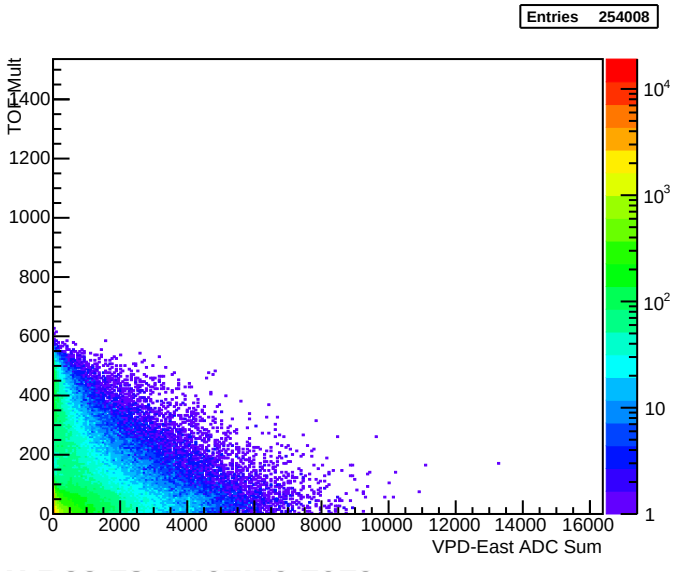

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

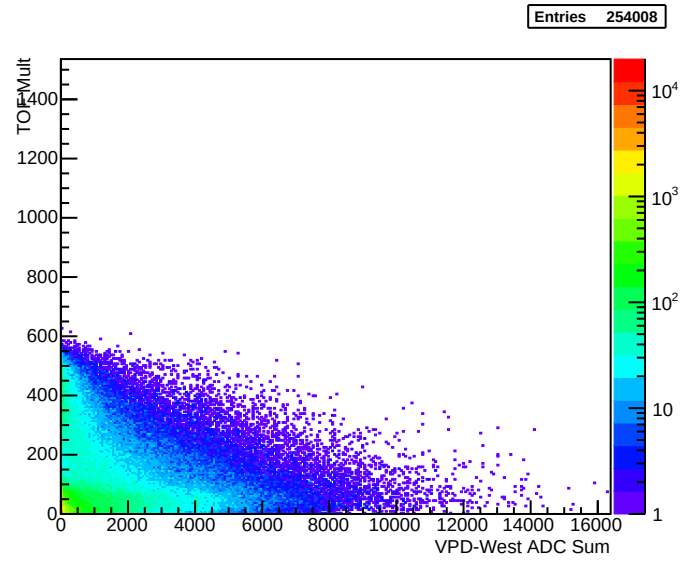

Entries 254008
TOF-Mult
BBC-S-East ADC Sum

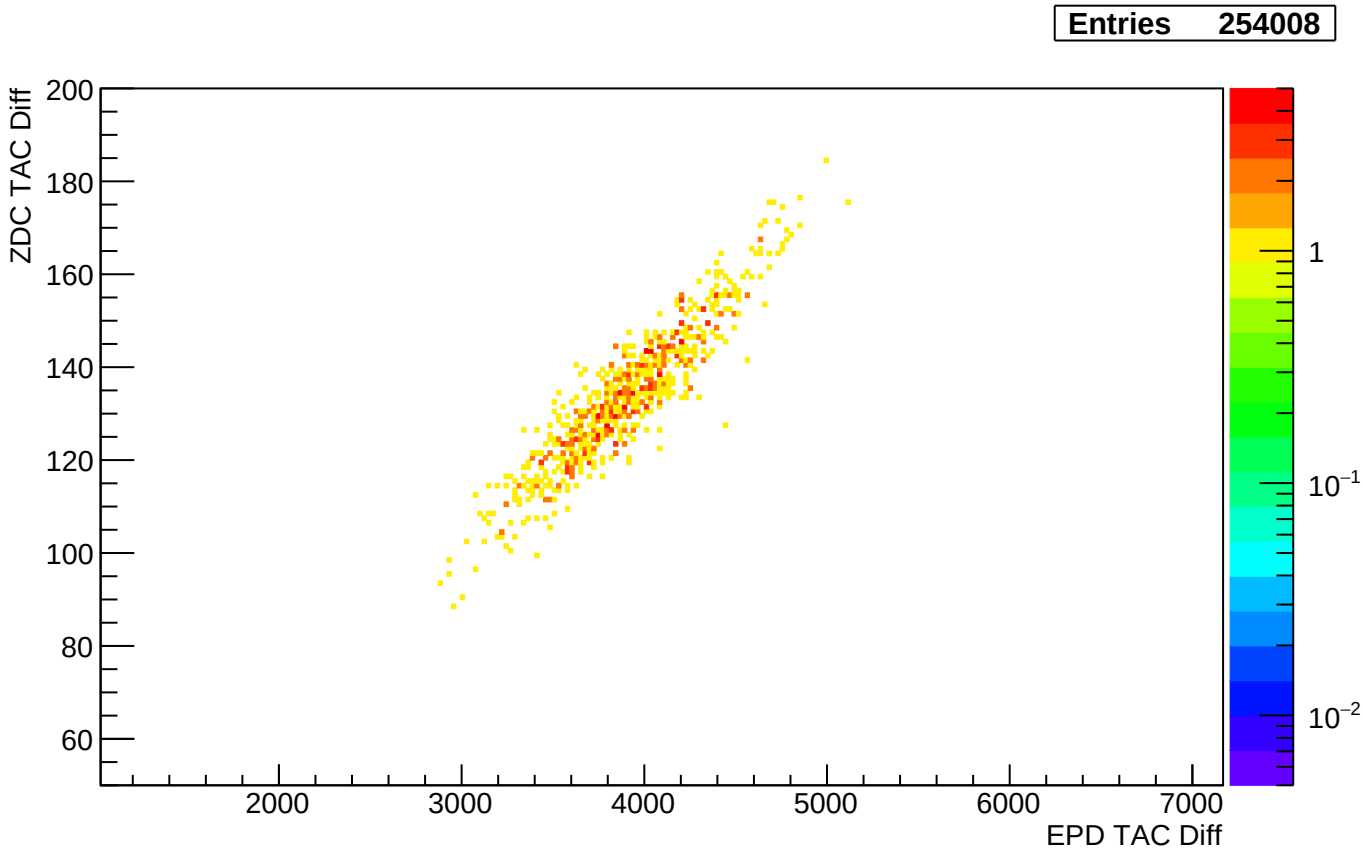

Entries 254008
TOF-Mult
BBC-S-West ADC Sum

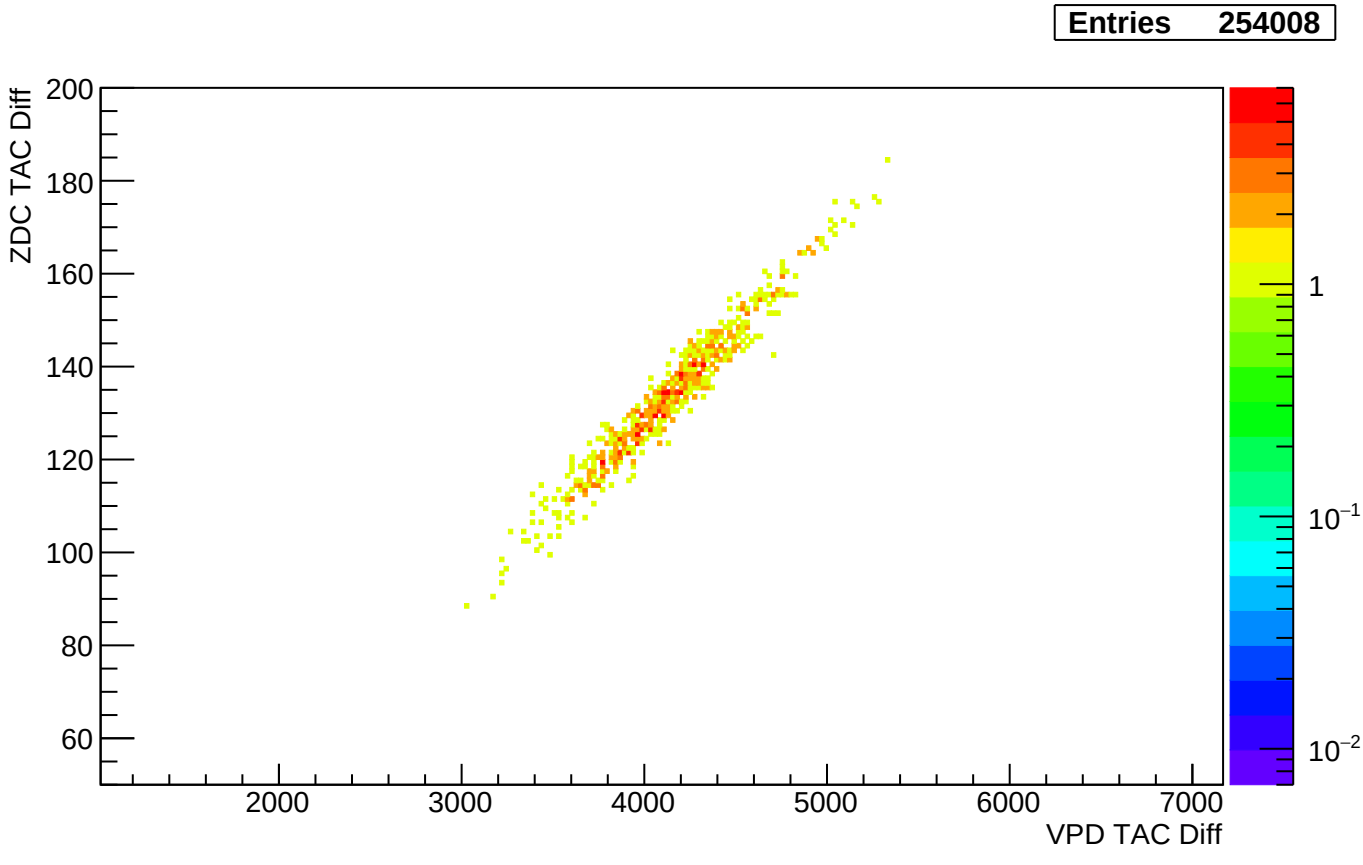

Entries 254008
TOF-Mult
EPD-East Hit Cnt

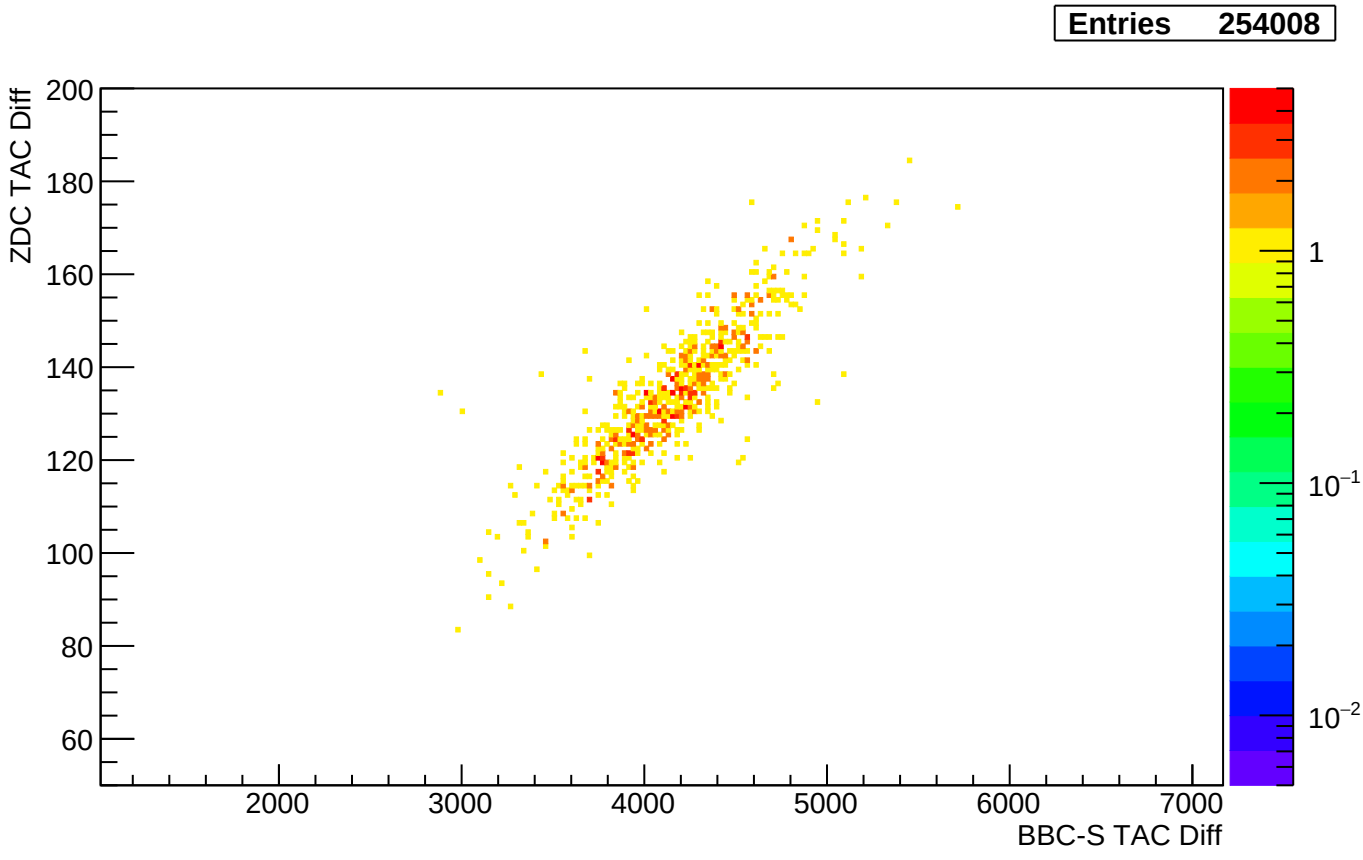

Entries 254008
TOF-Mult
EPD-West Hit Cnt

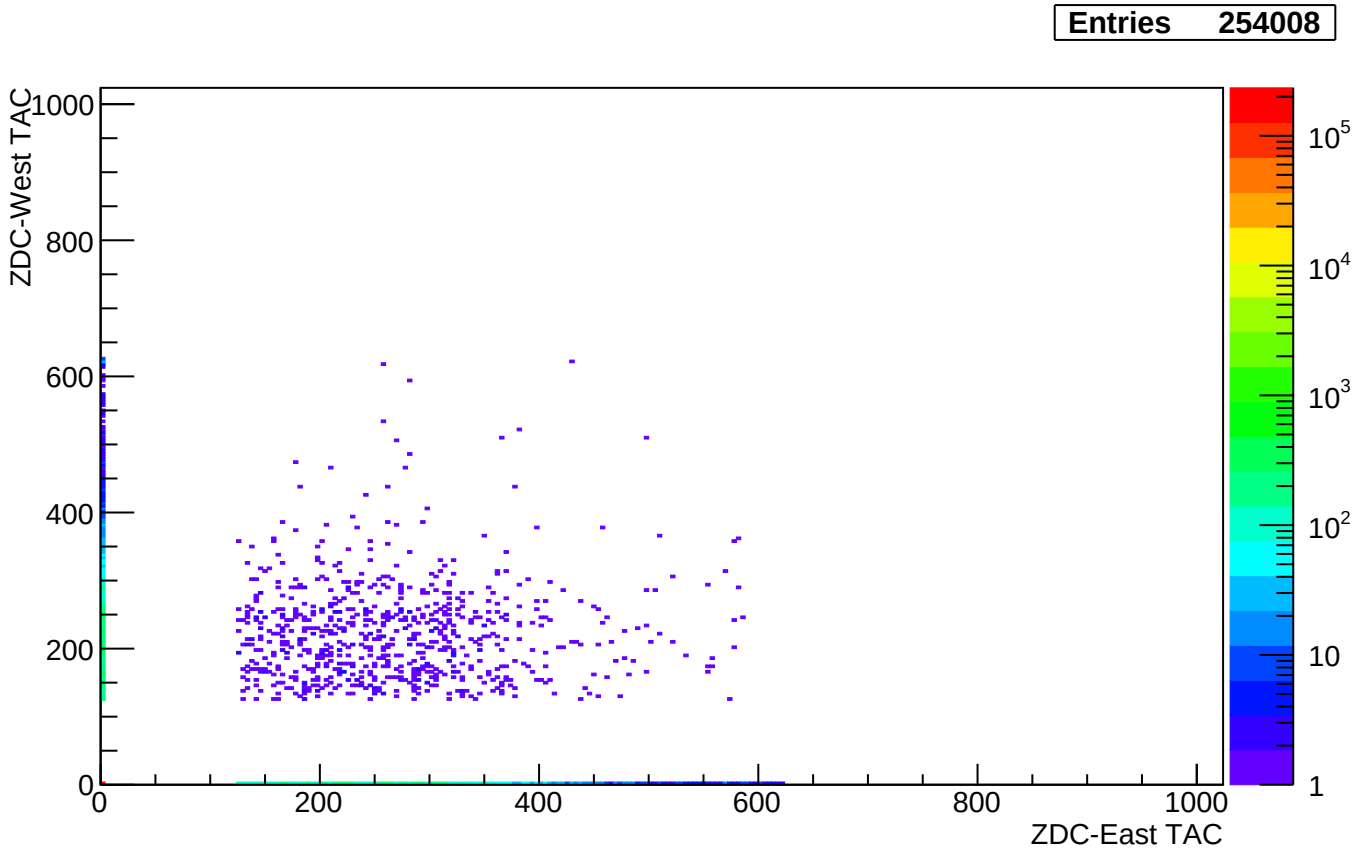

Entries 254008
TOF-Mult
VPD-East ADC Sum

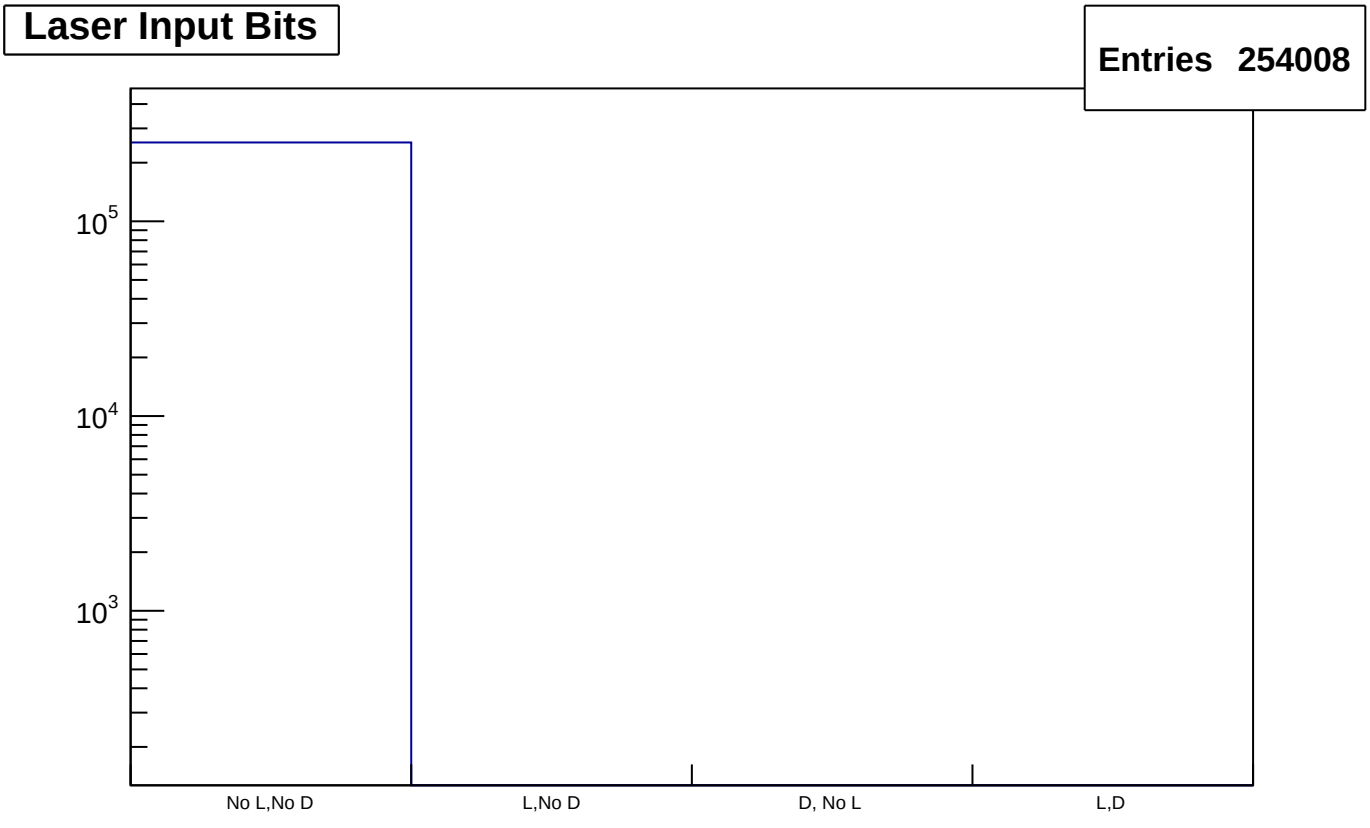

Entries 254008
TOF-Mult
VPD-West ADC Sum

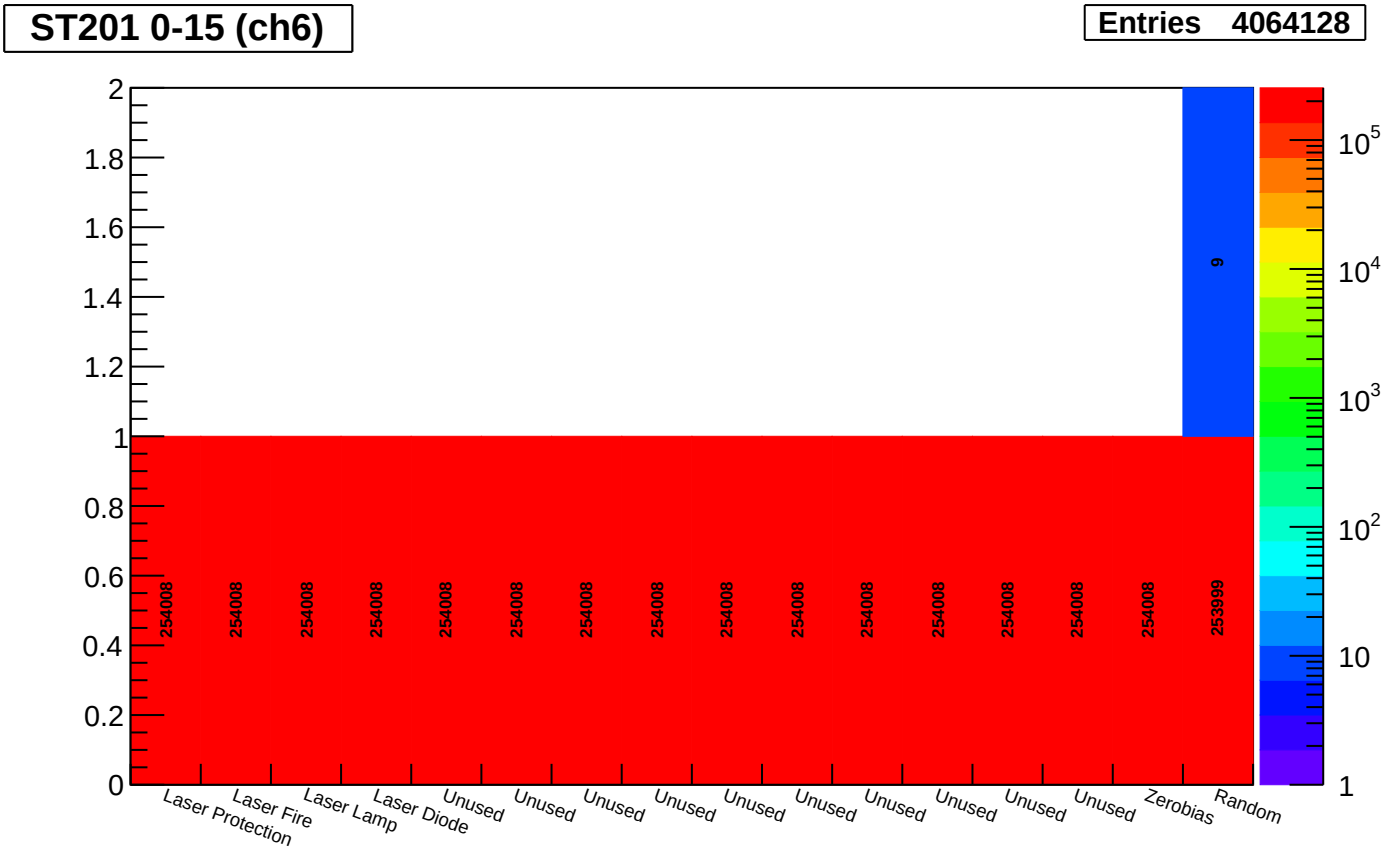

Entries 254008
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

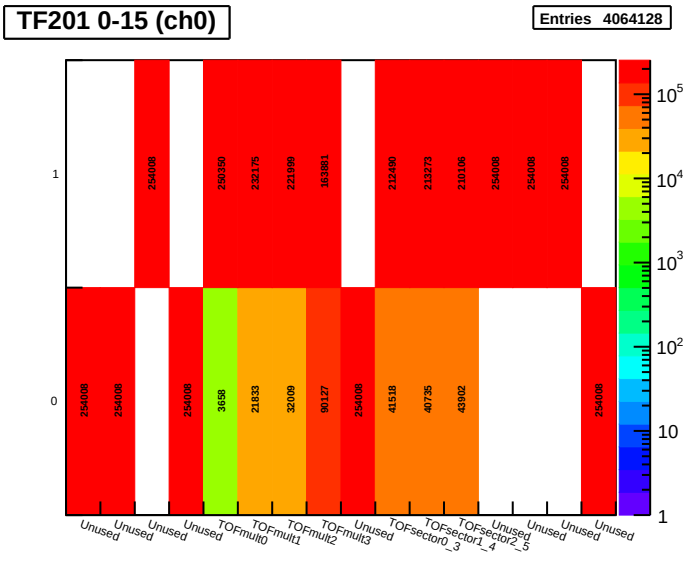

Entries 254008
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

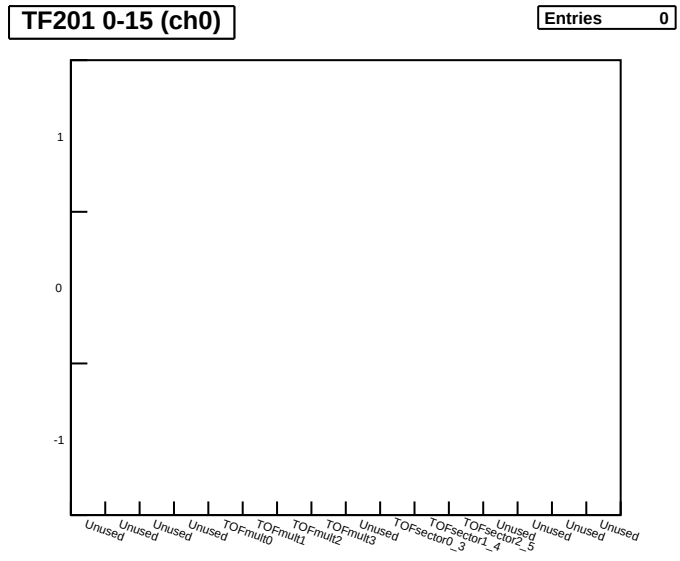

Entries 254008
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

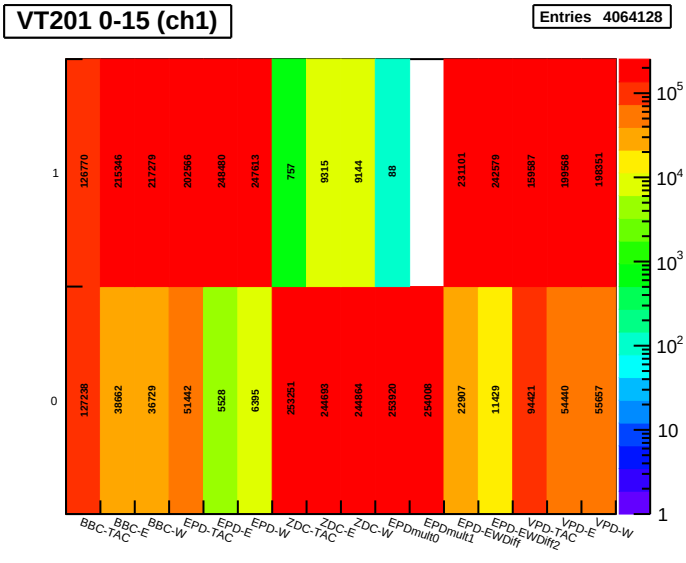

Entries 254008
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

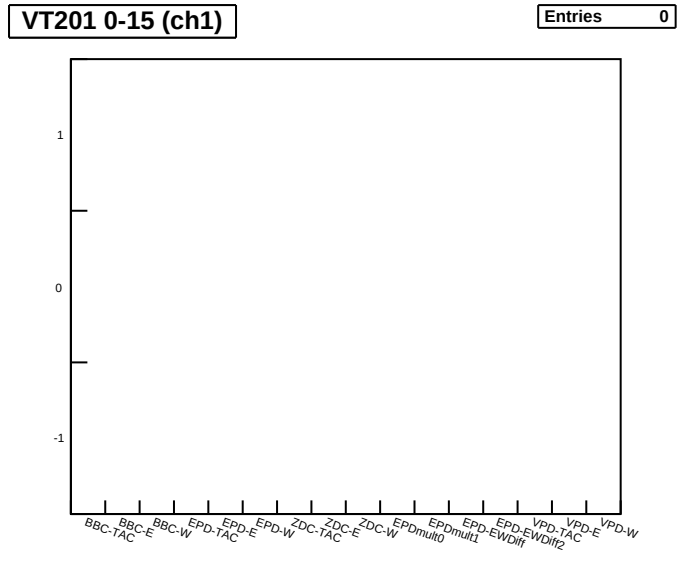

Laser Input Bits
Entries 254008
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

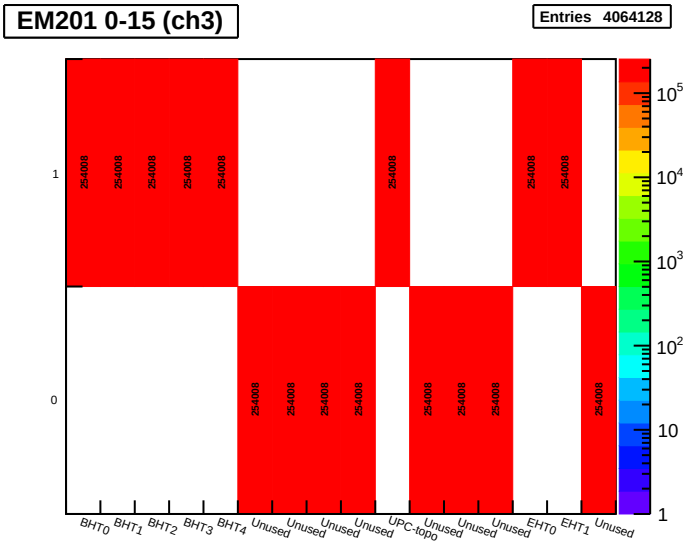

ST201 0-15 (ch6)
Entries 4064128
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10^5
10^4
10^3
10^2
10
1
254008
253999
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

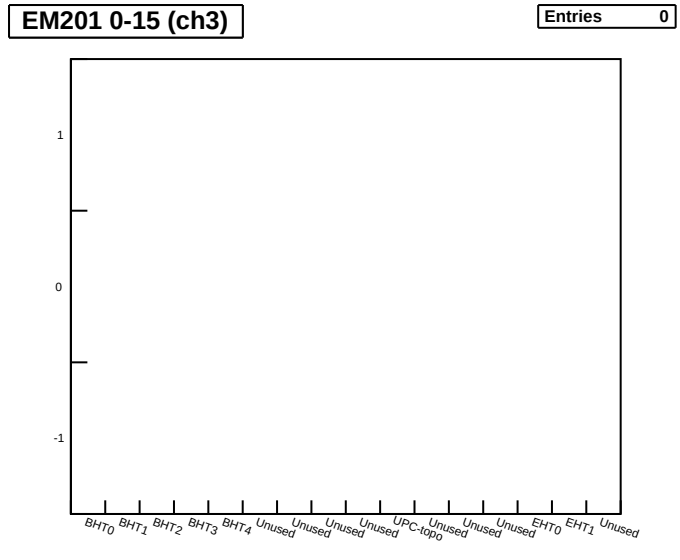

TF201 0-15 (ch0)
Entries 4064128
1
0
254008 254008 254008 254008 250350 232175 221999 163881 212490 213273 210106 254008 254008 254008
254008 254008 254008 3658 21833 32009 90127 254008 41518 40735 43902 254008
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 4064128
1
0
126770 215346 217279 202566 248480 247613 757 9315 9144 88 231101 242579 159587 199568 198351
127238 38662 36729 51442 5528 6395 253251 244693 244864 253920 254008 22907 11429 94421 54440 55657
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 4064128
1
0
254008 254008 254008 254008 254008 254008 254008 254008 254008
254008 254008 254008 254008 254008 254008 254008 254008
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