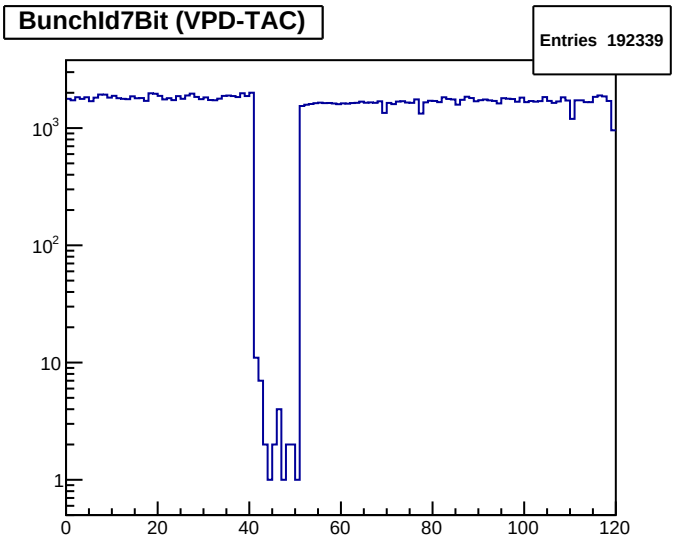
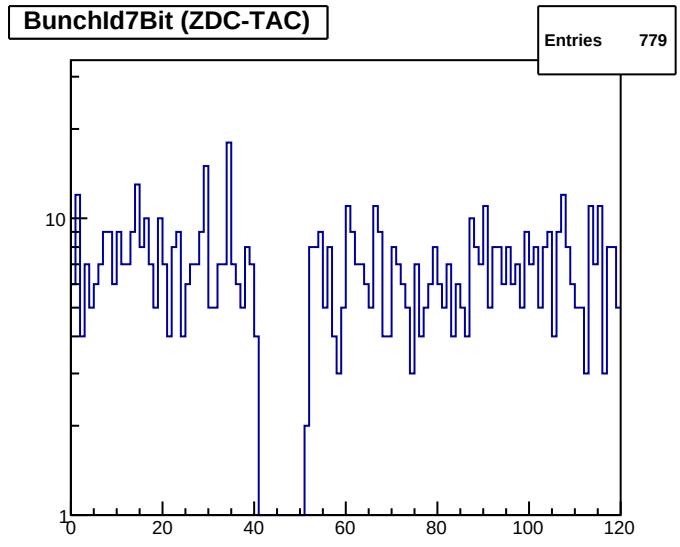
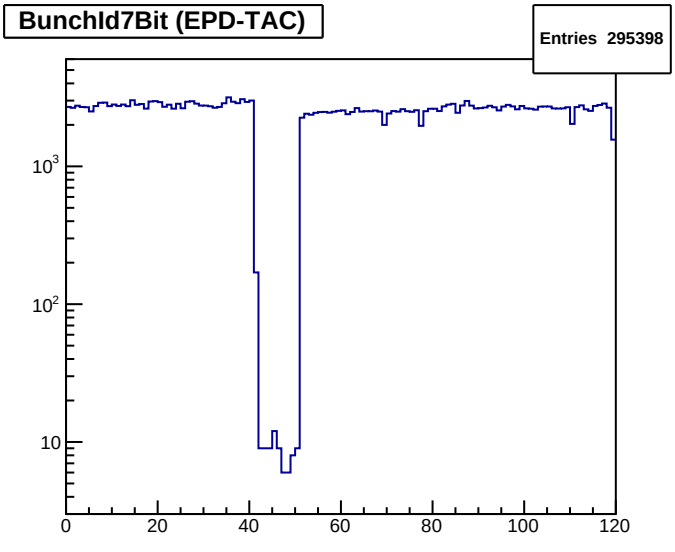
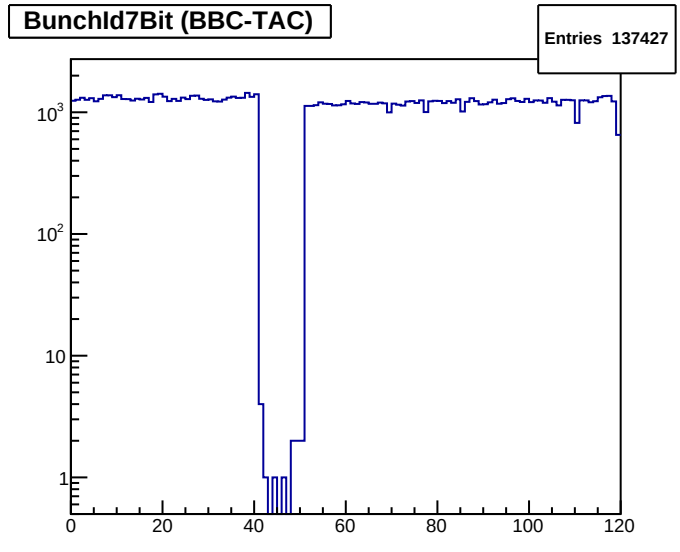
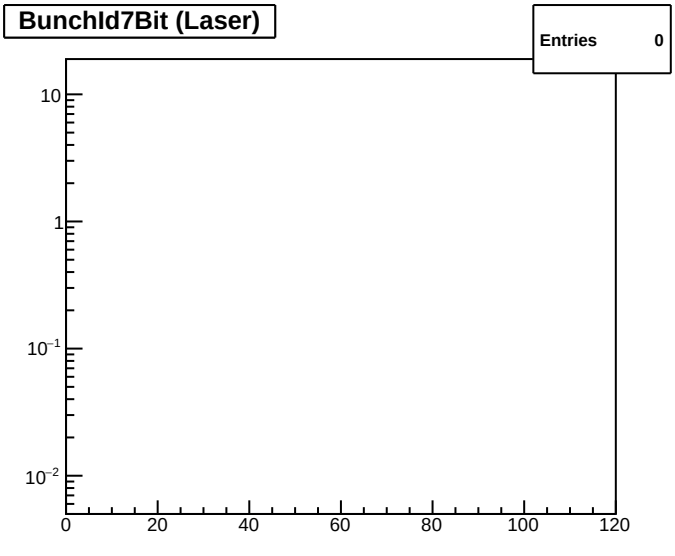
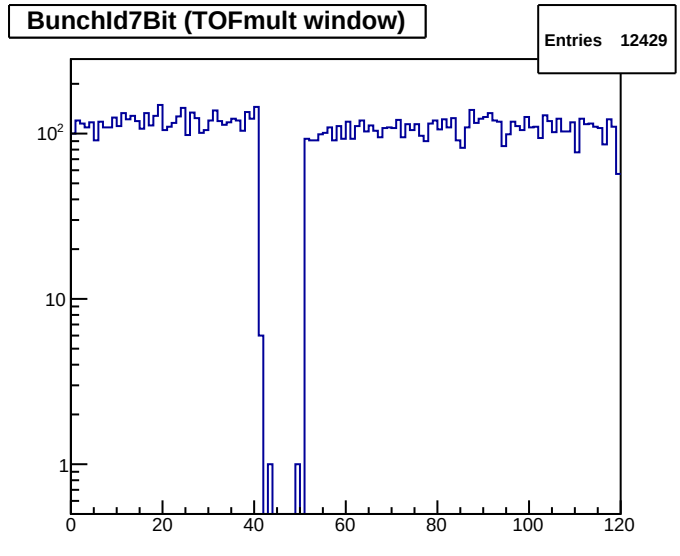

BunchId7Bit (VPD-TAC)
Entries 192339

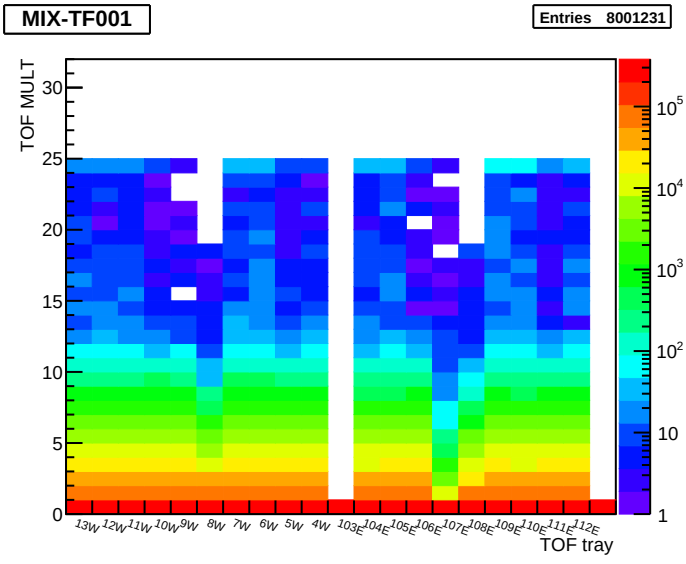

BunchId7Bit (ZDC-TAC)
Entries 779

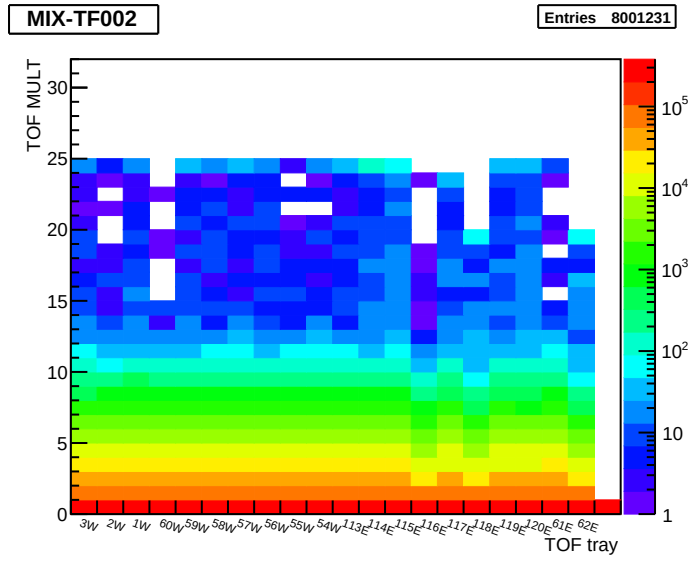

BunchId7Bit (EPD-TAC)
Entries 295398

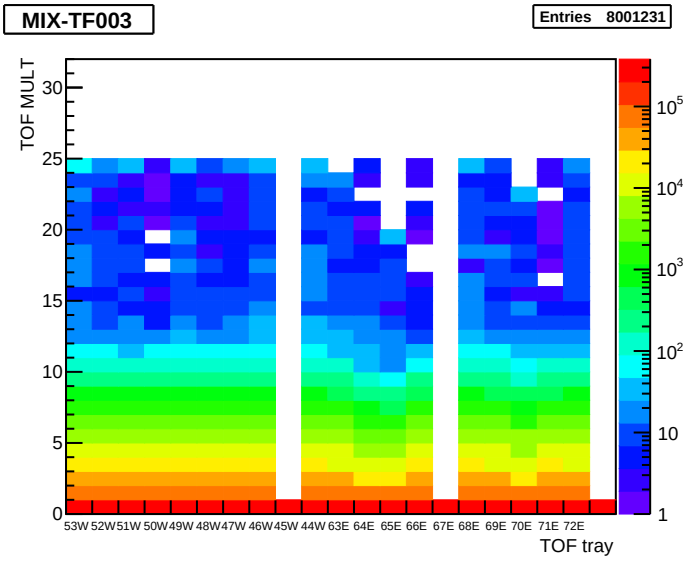

BunchId7Bit (BBC-TAC)
Entries 137427

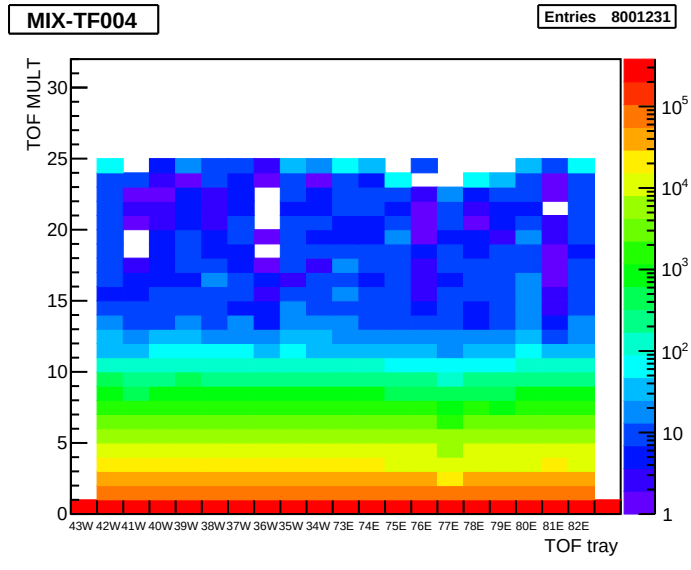

BunchId7Bit (Laser)
Entries 0

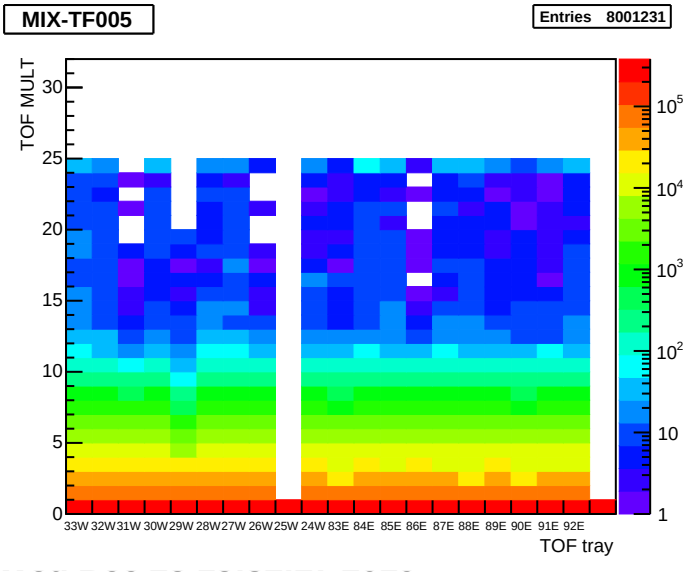

BunchId7Bit (TOFmult window)
Entries 12429

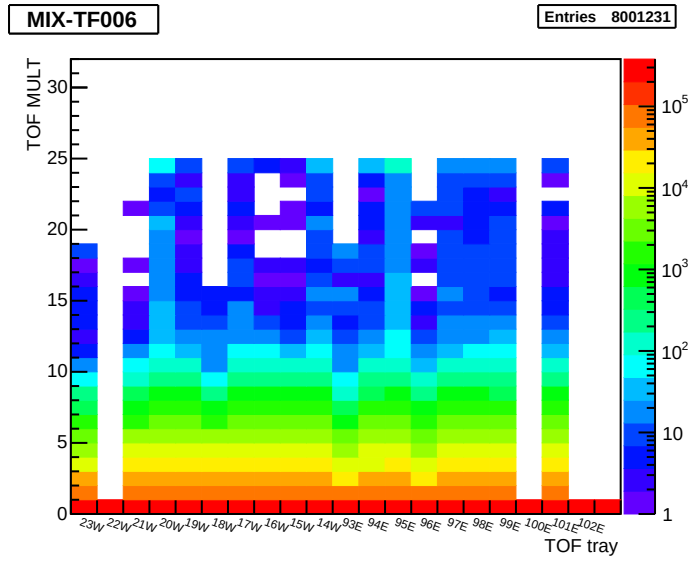

MIX-TF001
Entries 8001231
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

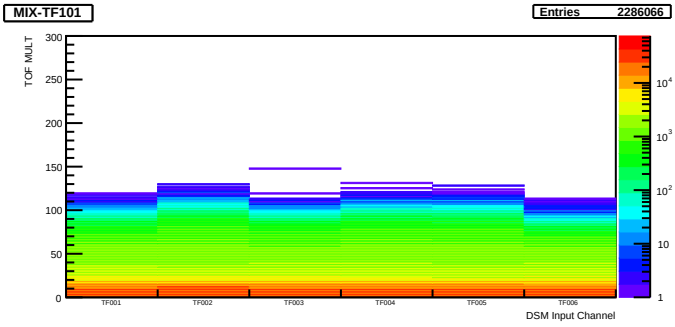

MIX-TF002
Entries 8001231
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

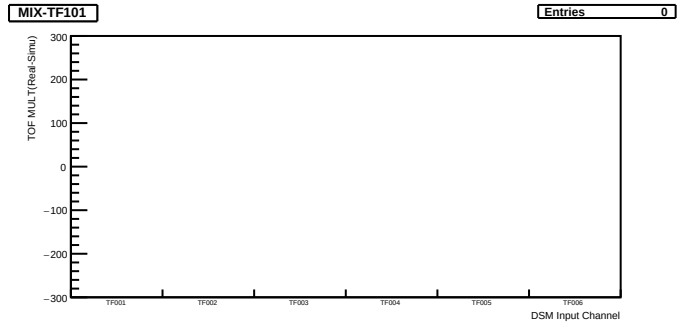

MIX-TF003
Entries 8001231
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

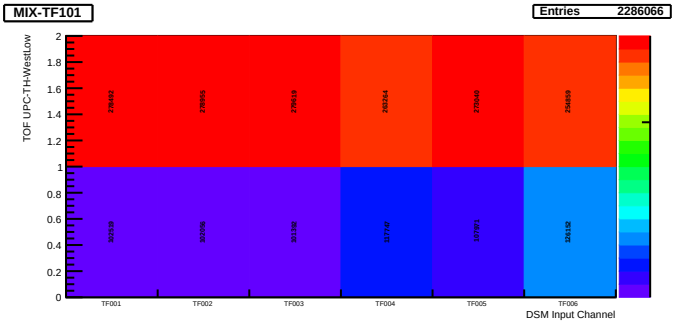

MIX-TF004
Entries 8001231
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

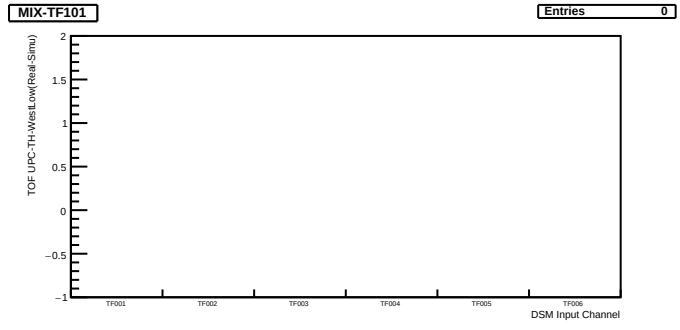

MIX-TF005
Entries 8001231
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

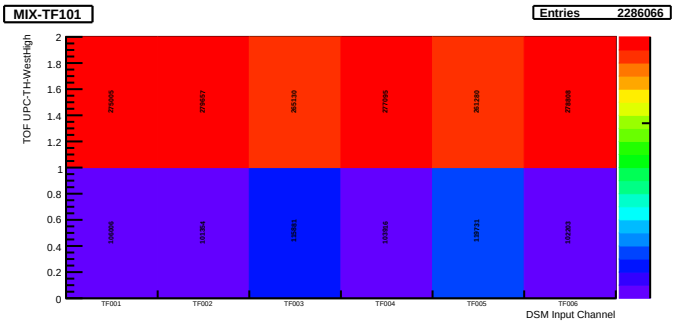

MIX-TF006
Entries 8001231
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

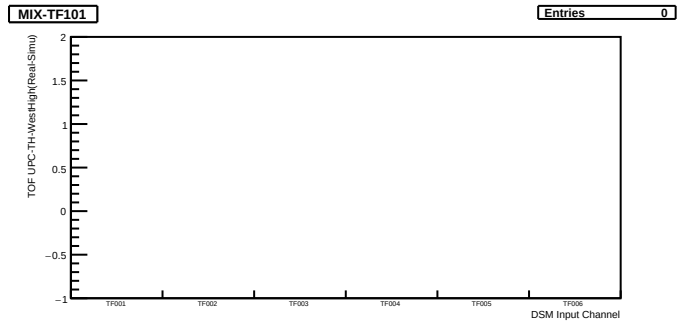

MIX-TF101
Entries 2286066
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

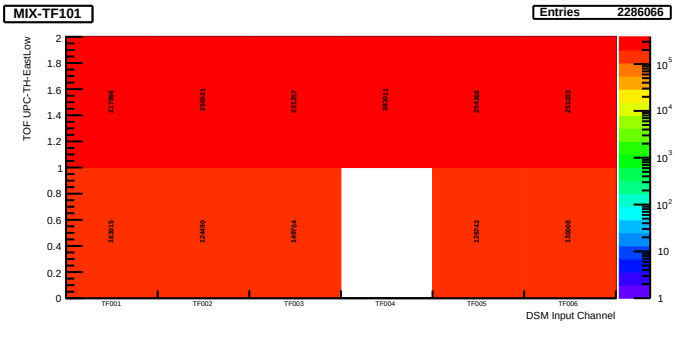

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

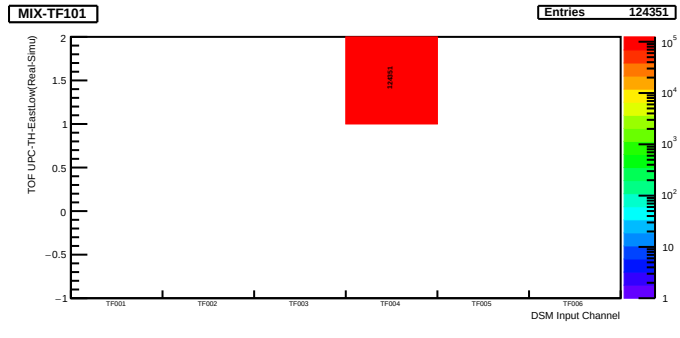

MIX-TF101
Entries 2286066
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

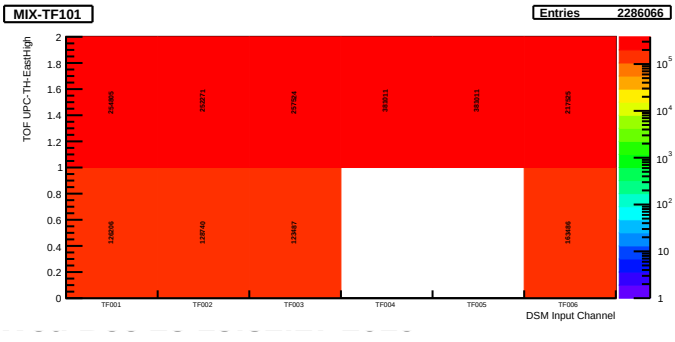

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

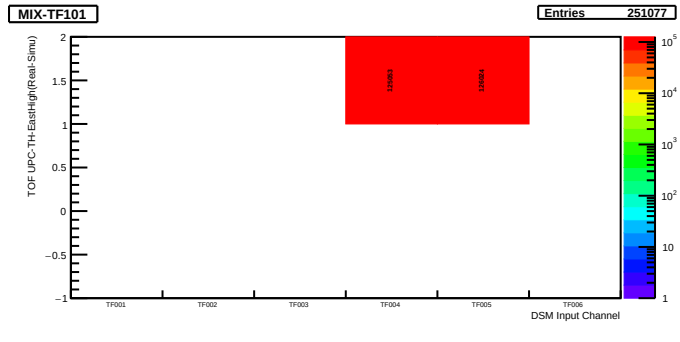

MIX-TF101
Entries 2286066
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

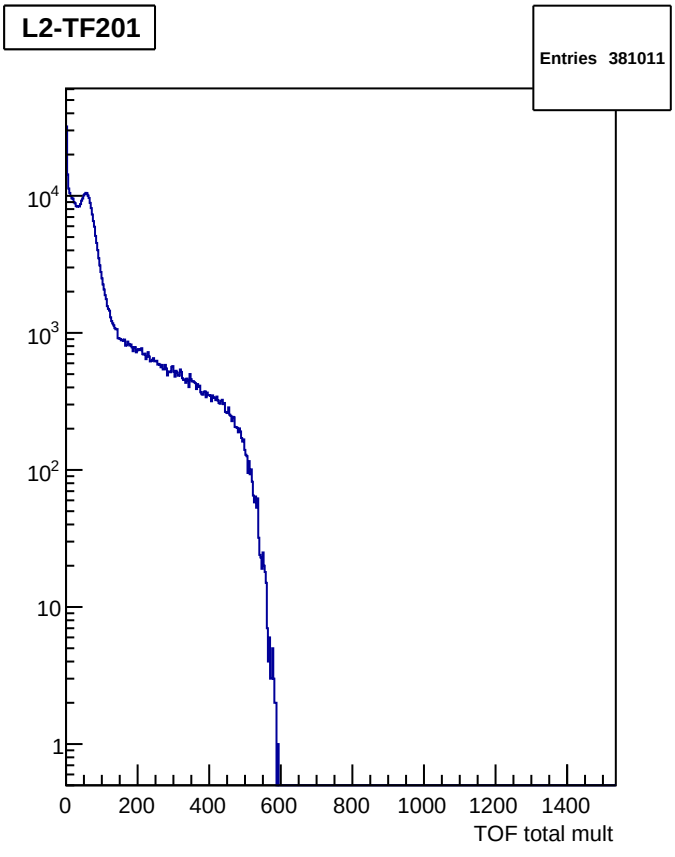

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

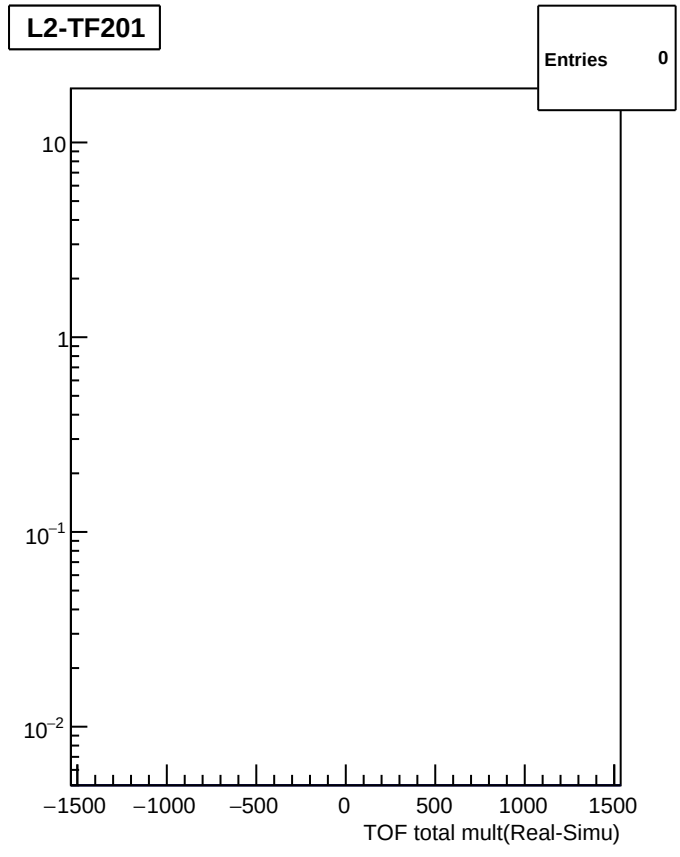

MIX-TF101
Entries 2286066
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

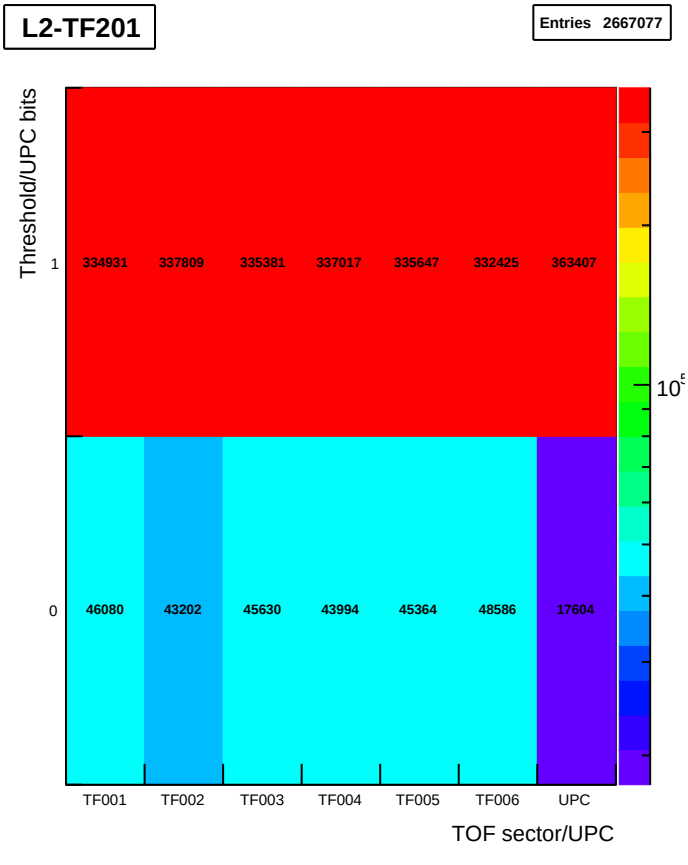

MIX-TF101
Entries 124351
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

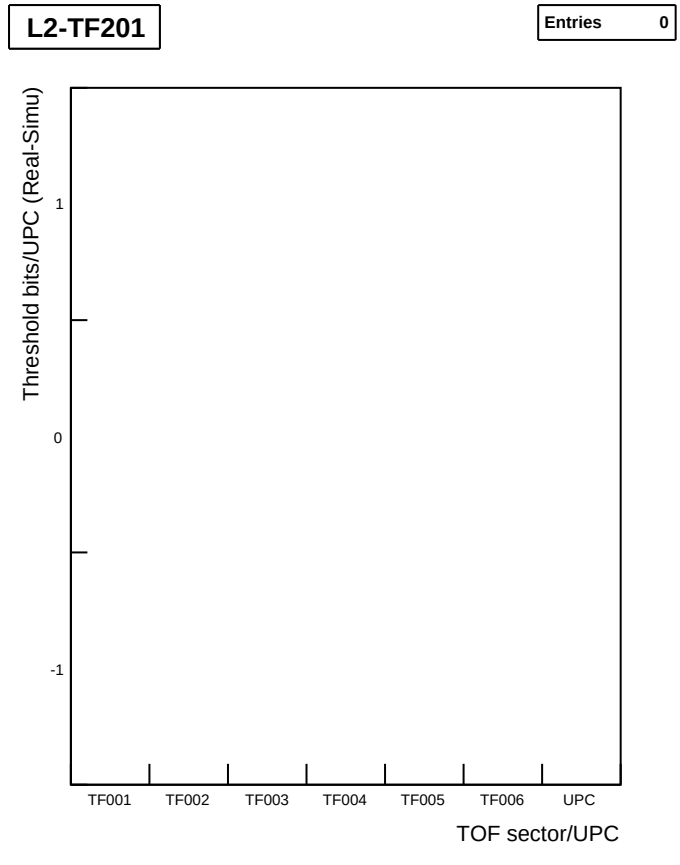

MIX-TF101
Entries 2286066
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

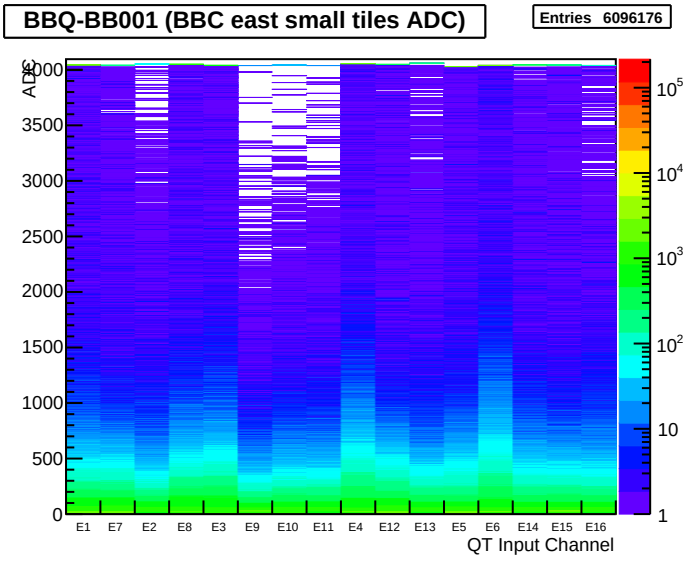

MIX-TF101
Entries 251077
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

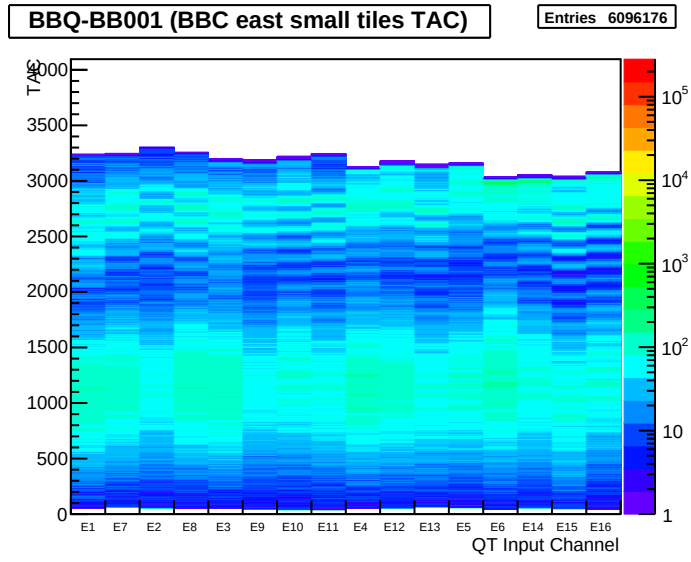

L2-TF201
Entries 381011
TOF total mult

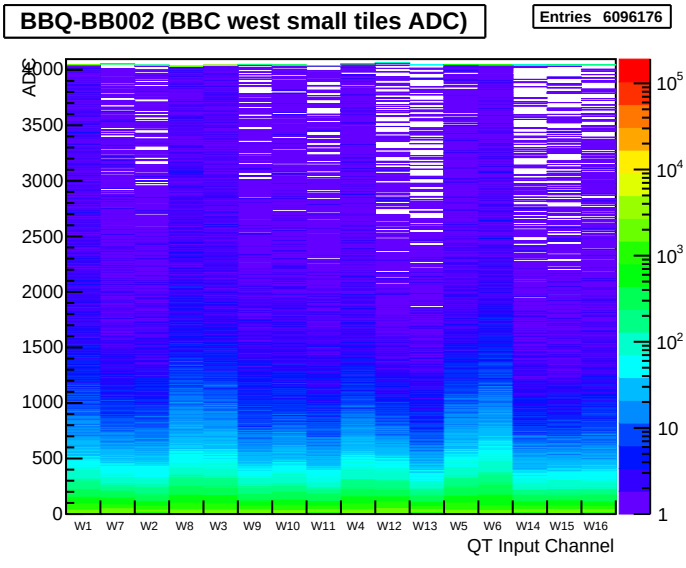

L2-TF201
Entries 0
TOF total mult(Real-Simu)

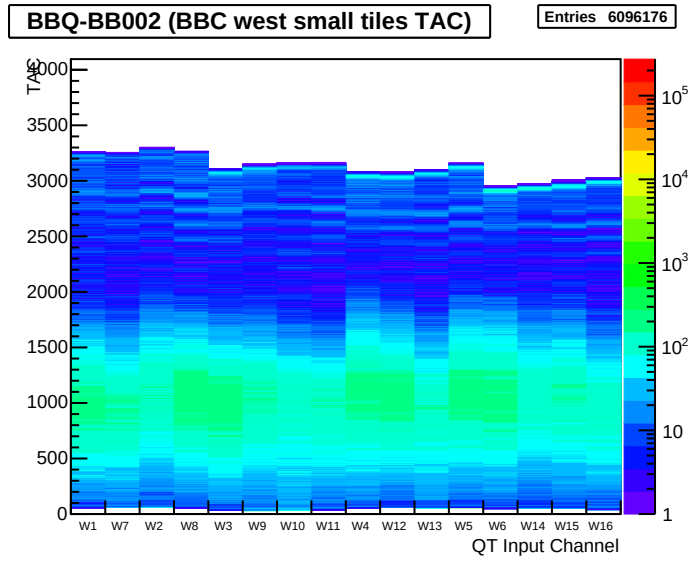

L2-TF201
Entries 2667077
Threshold/UPC bits
334931
337809
335381
337017
335647
332425
363407
46080
43202
45630
43994
45364
48586
17604
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

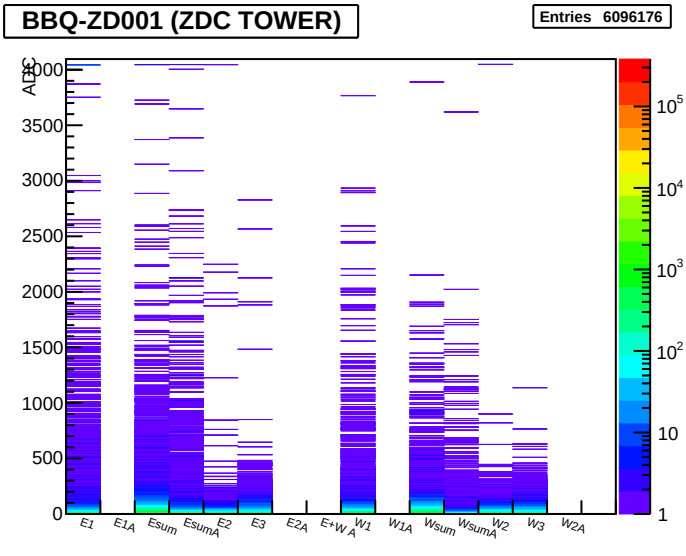

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

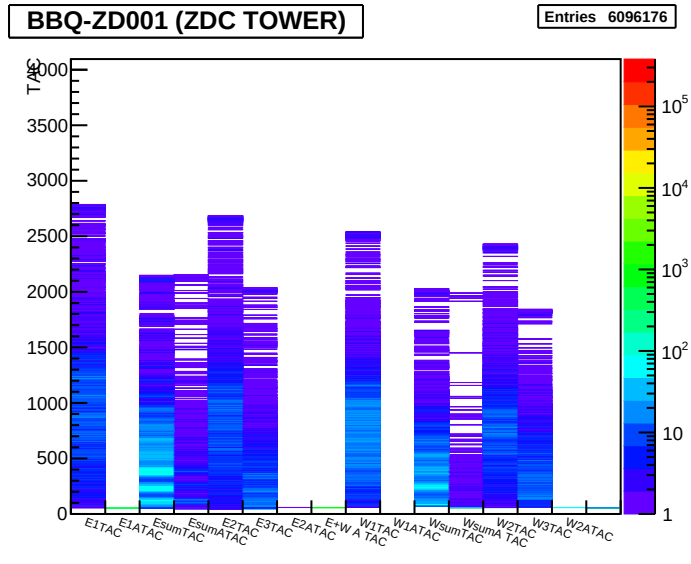

BBQ-BB001 (BBC east small tiles ADC)
Entries 6096176
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

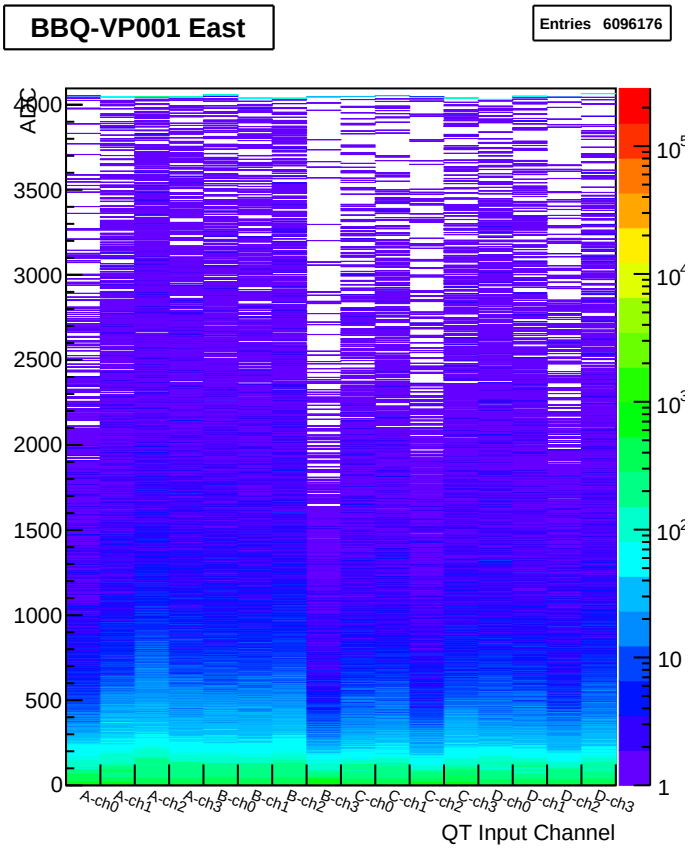

BBQ-BB001 (BBC east small tiles TAC)
Entries 6096176
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

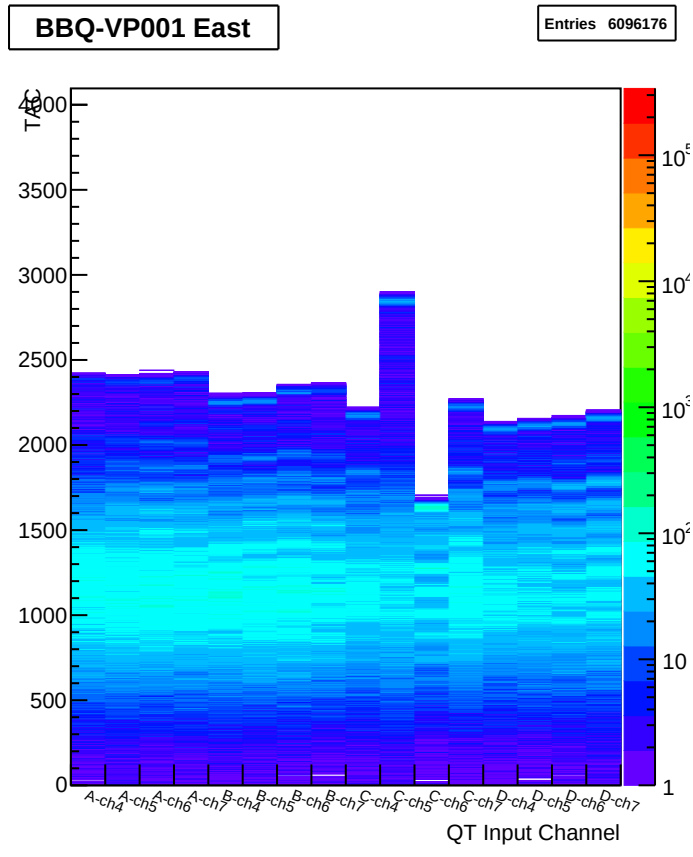

BBQ-BB002 (BBC west small tiles ADC)
Entries 6096176
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

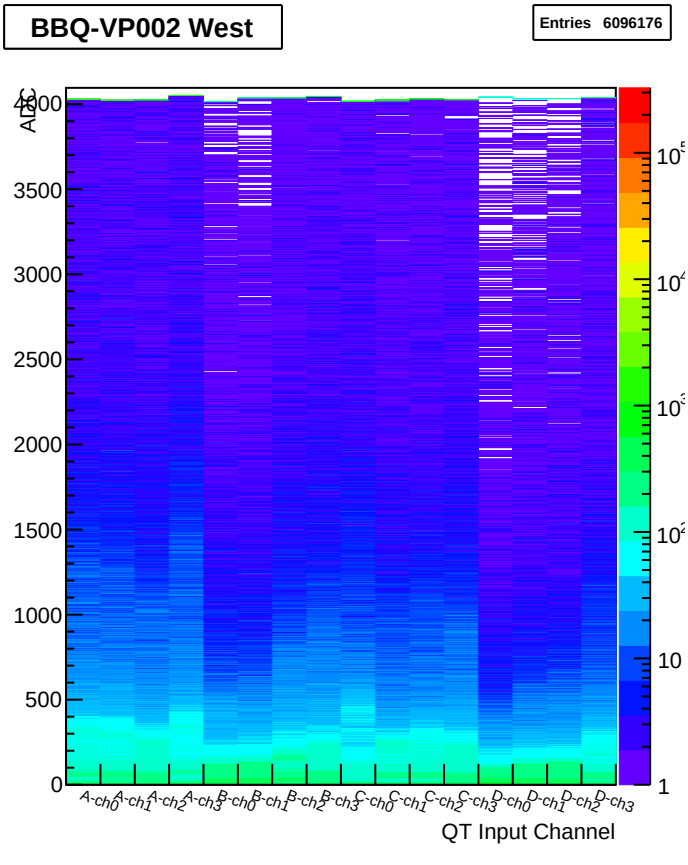

BBQ-BB002 (BBC west small tiles TAC)
Entries 6096176
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

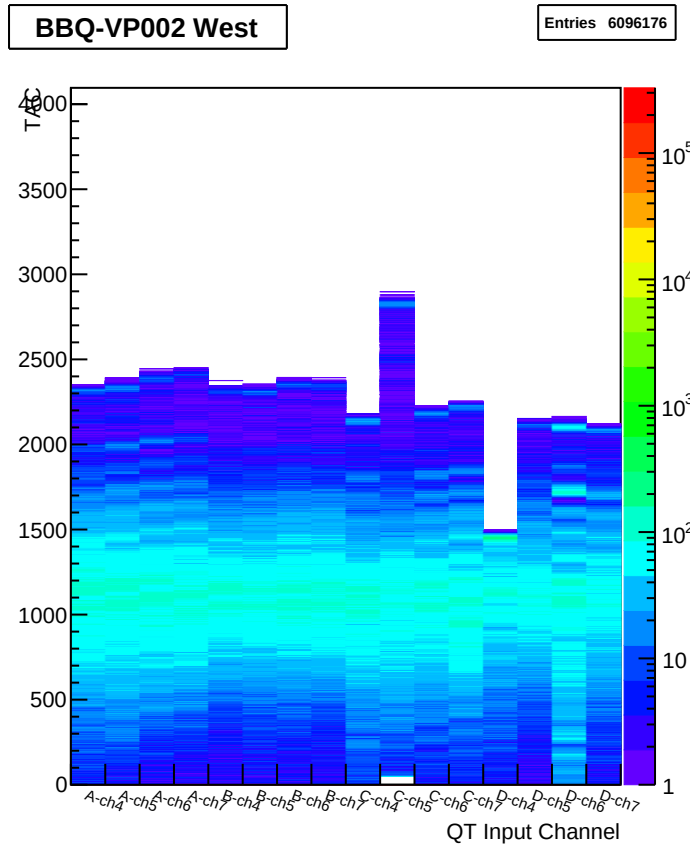

BBQ-ZD001 (ZDC TOWER)
Entries 6096176
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

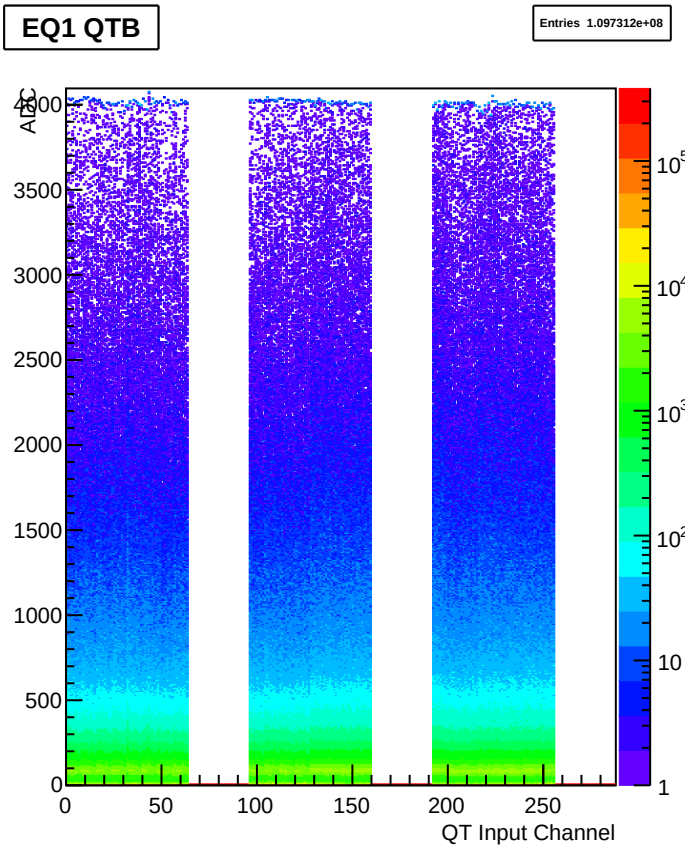

BBQ-ZD001 (ZDC TOWER)
Entries 6096176
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

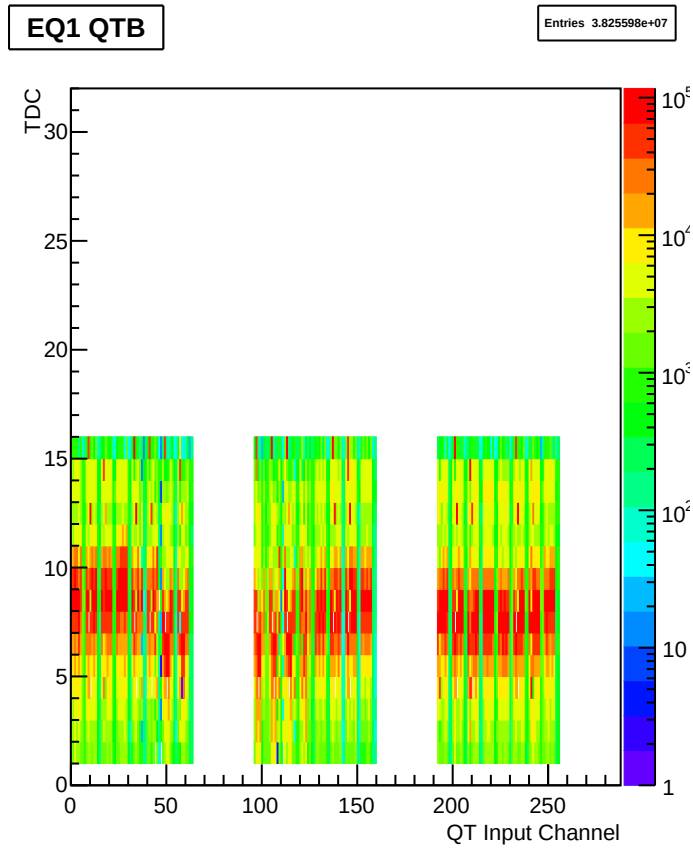

BBQ-VP001 East
Entries 6096176
ADC
QT Input Channel

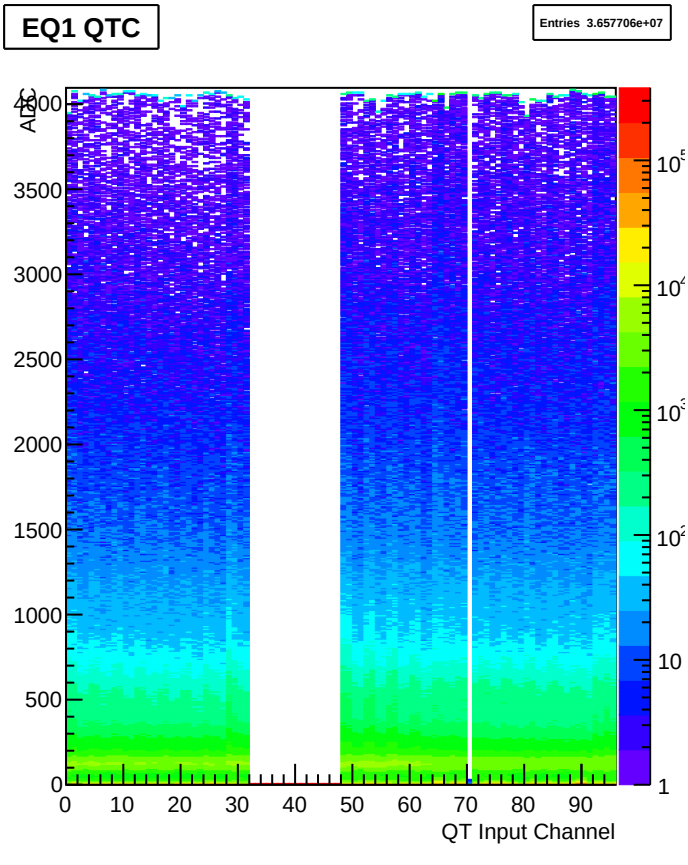

BBQ-VP001 East
Entries 6096176
ADC
QT Input Channel

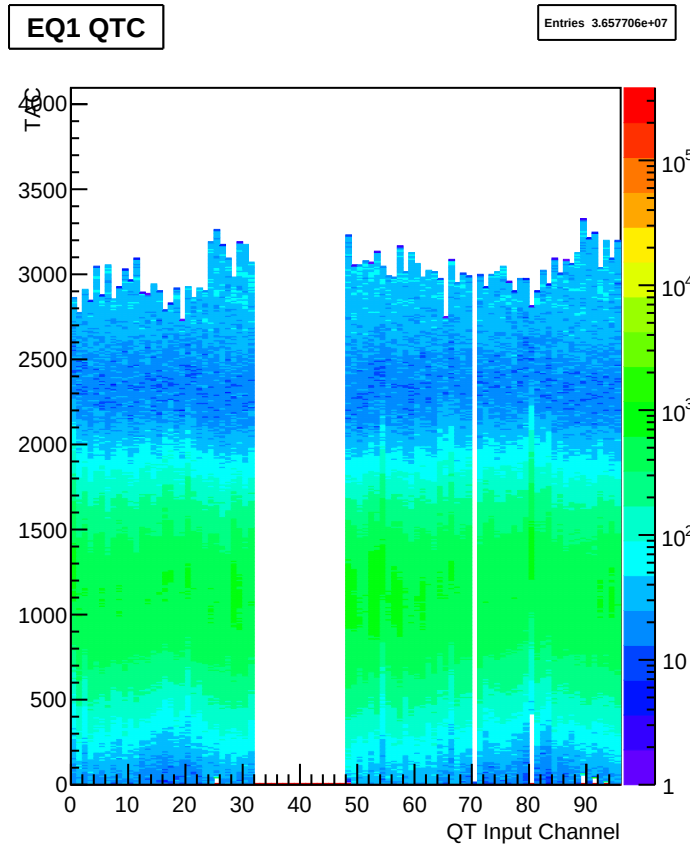

BBQ-VP002 West
Entries 6096176
ADC
QT Input Channel

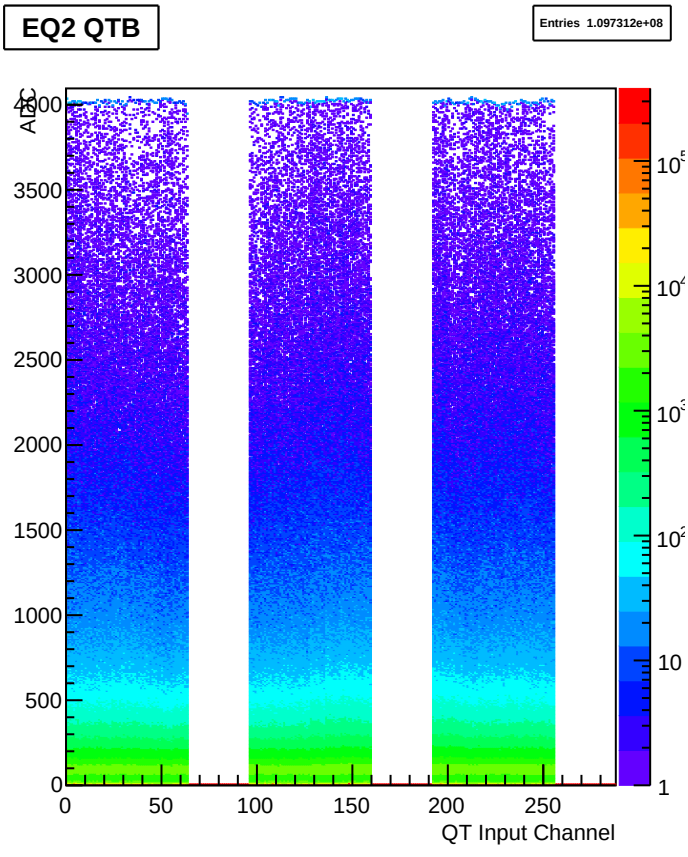

BBQ-VP002 West
Entries 6096176
ADC
QT Input Channel

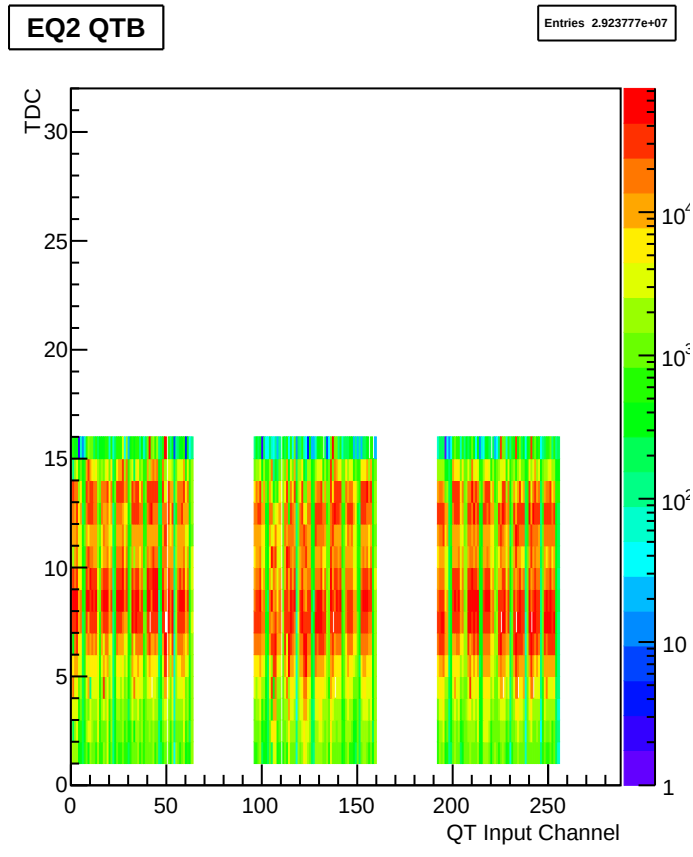

EQ1 QTB
Entries 1.097312e+08
ADC
QT Input Channel

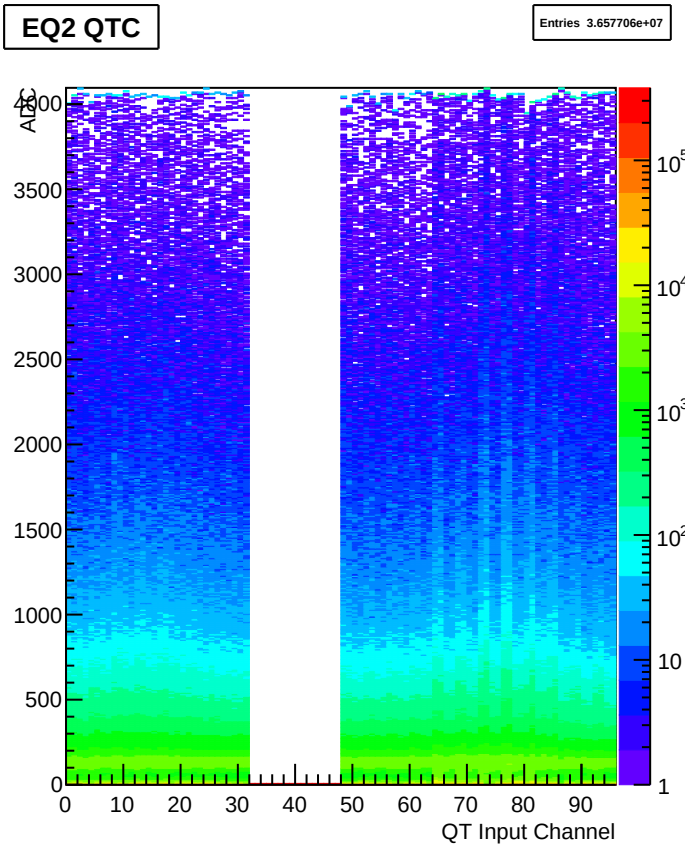

EQ1 QTB
Entries 3.825598e+07
TDC
QT Input Channel

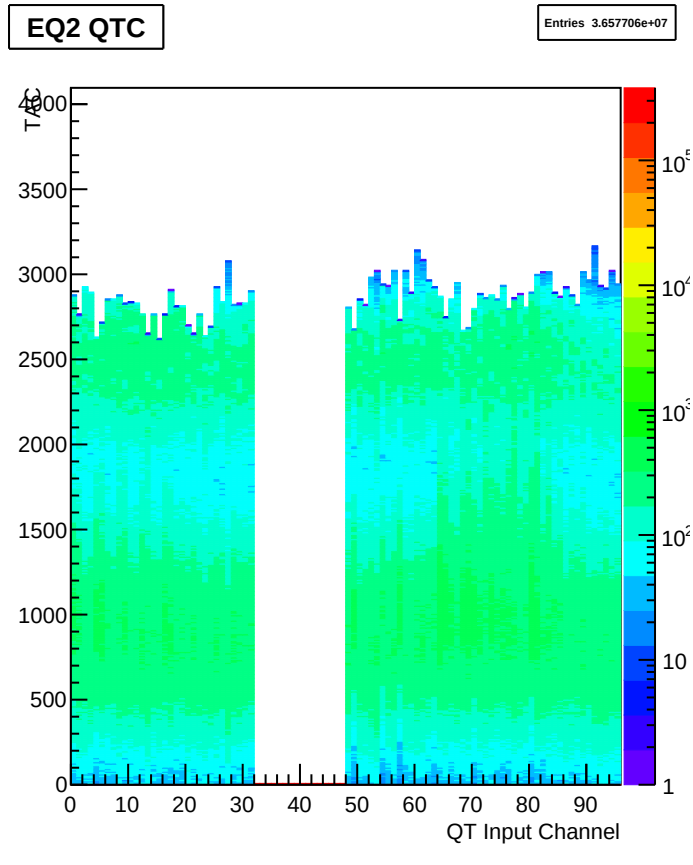

EQ1 QTC
Entries 3.657706e+07
ADC
QT Input Channel

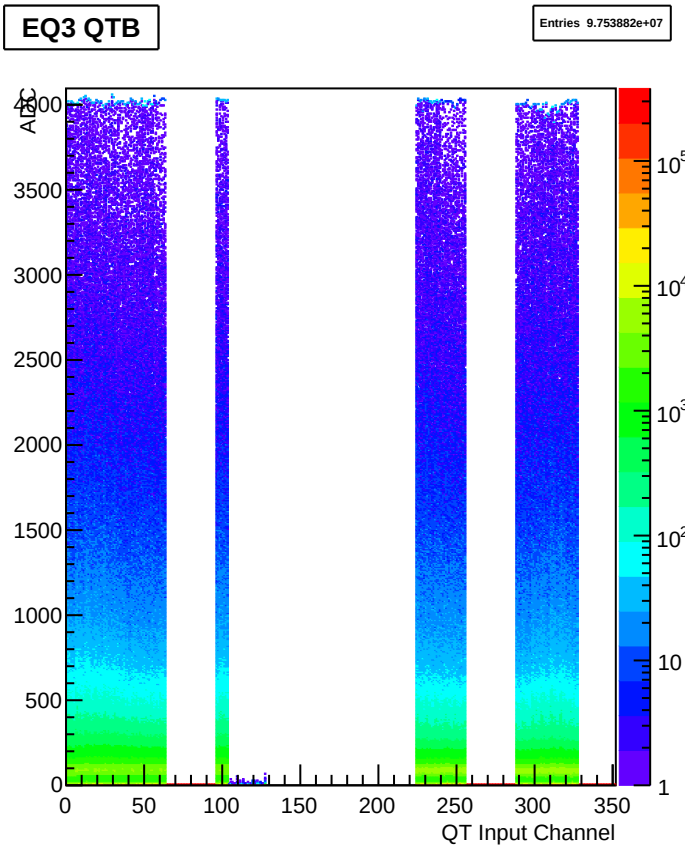

EQ1 QTC
Entries 3.657706e+07
TADC
QT Input Channel

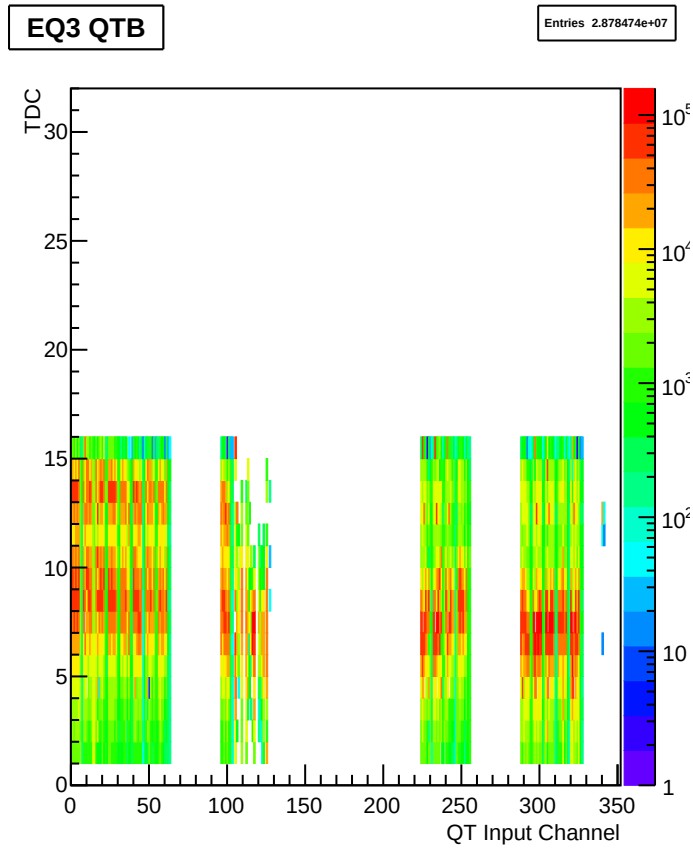

EQ2 QTB
Entries 1.097312e+08
ADC
QT Input Channel

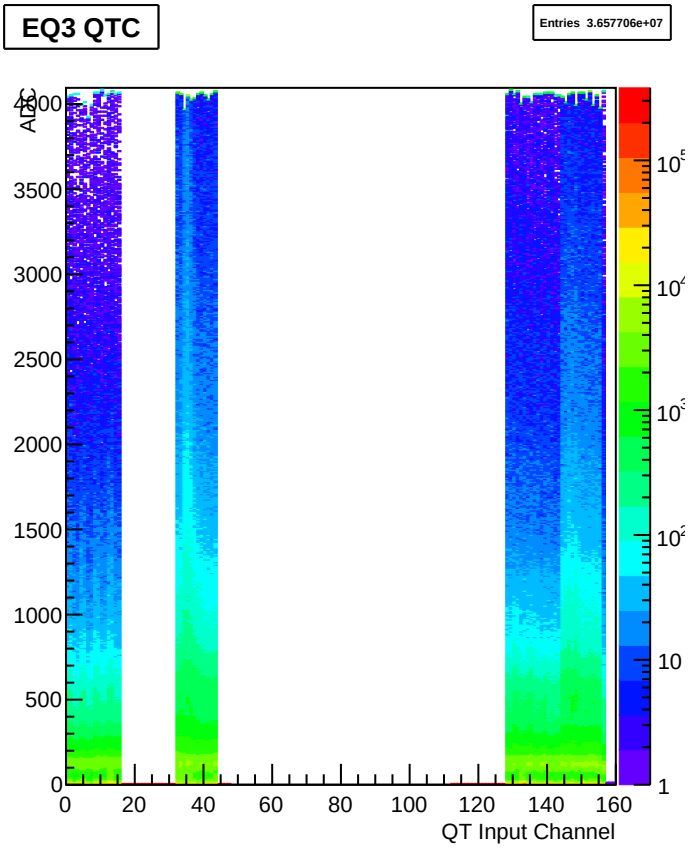

EQ2 QTB
Entries 2.923777e+07
TDC
QT Input Channel

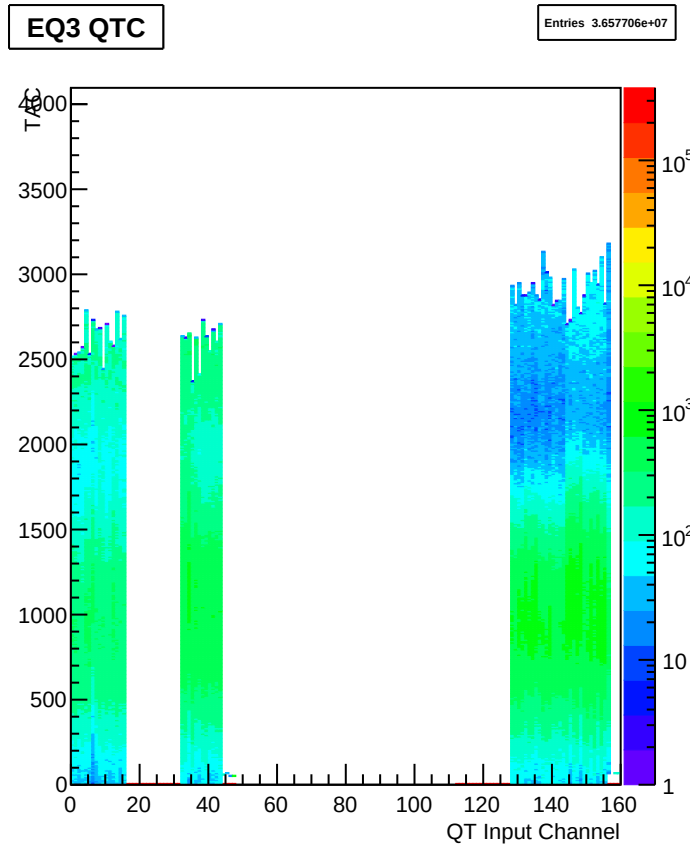

EQ2 QTC
Entries 3.657706e+07
ADC
QT Input Channel

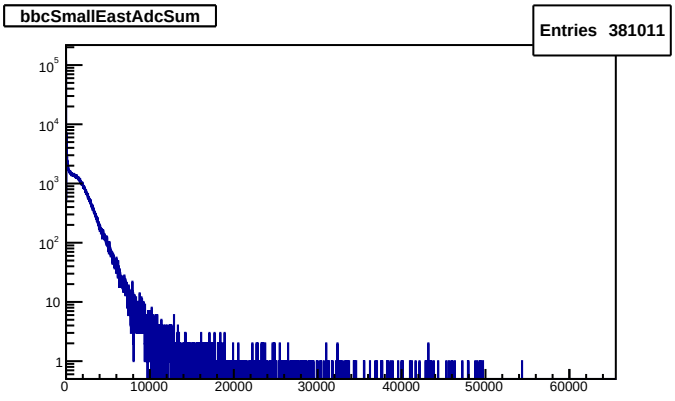

EQ2 QTC
Entries 3.657706e+07
TADC
QT Input Channel

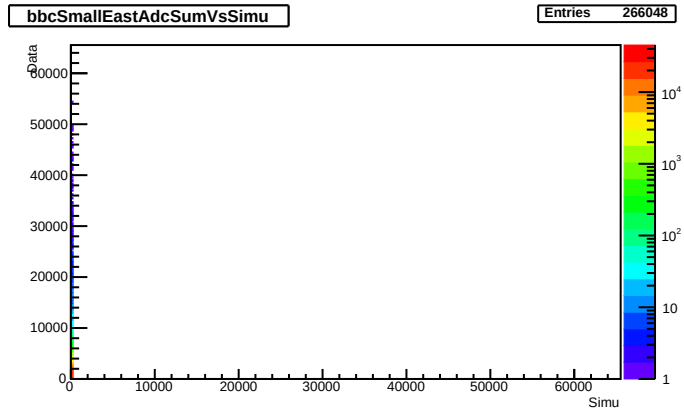

EQ3 QTB
Entries 9.753882e+07
ADC
QT Input Channel

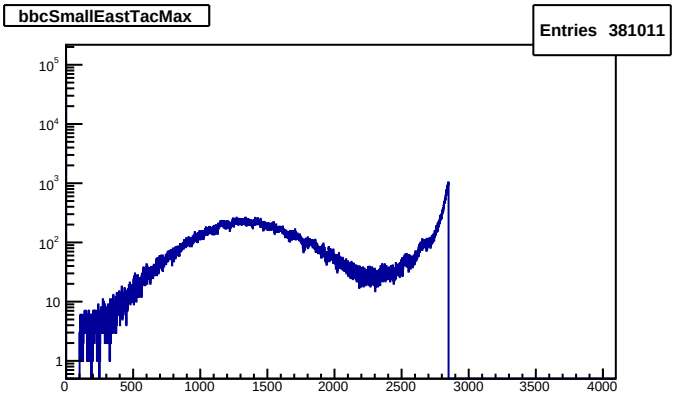

EQ3 QTB
Entries 2.878474e+07
TDC
QT Input Channel

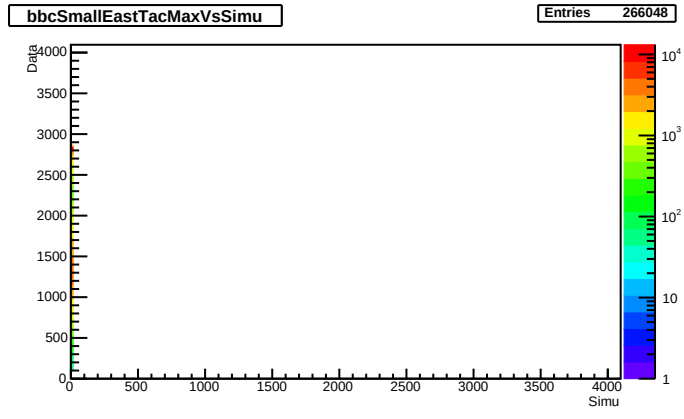

EQ3 QTC
Entries 3.657706e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.657706e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 381011


bbcSmallEastAdcSumVsSimu
Entries 266048
Data
Simu


bbcSmallEastTacMax
Entries 381011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Entries 266048
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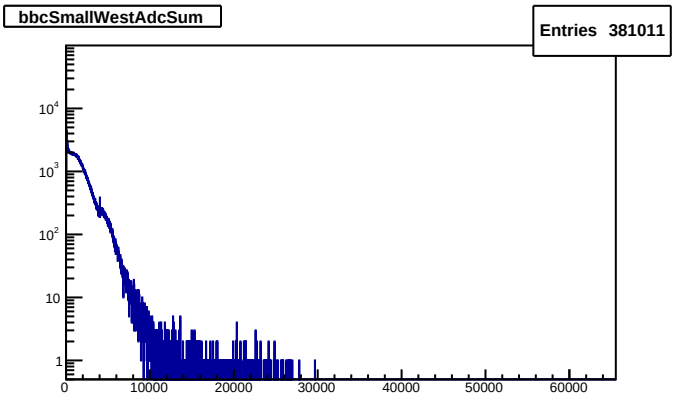
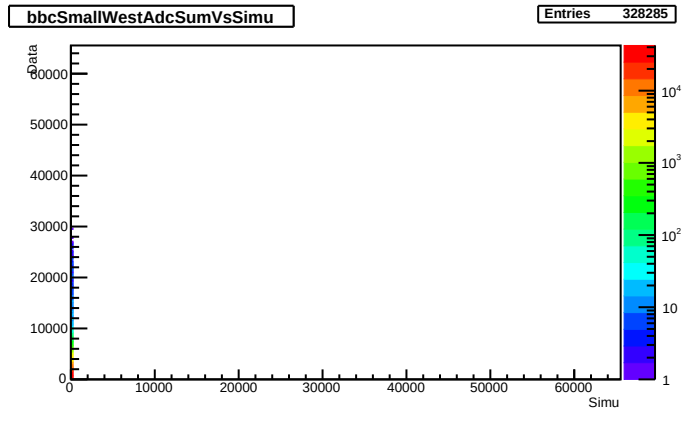

bbcSmallWestAdcSum
Entries 381011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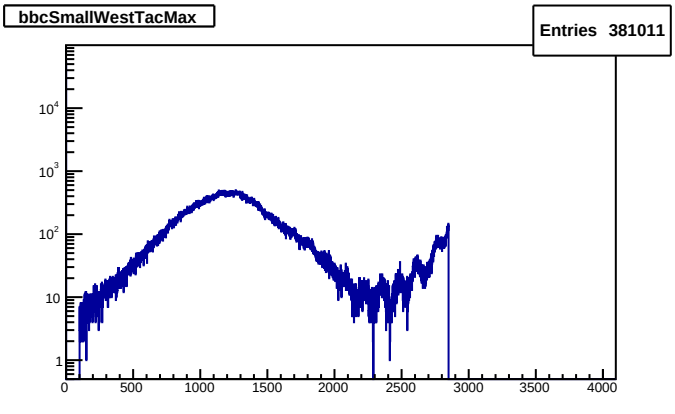
Entries 328285
Data
Simu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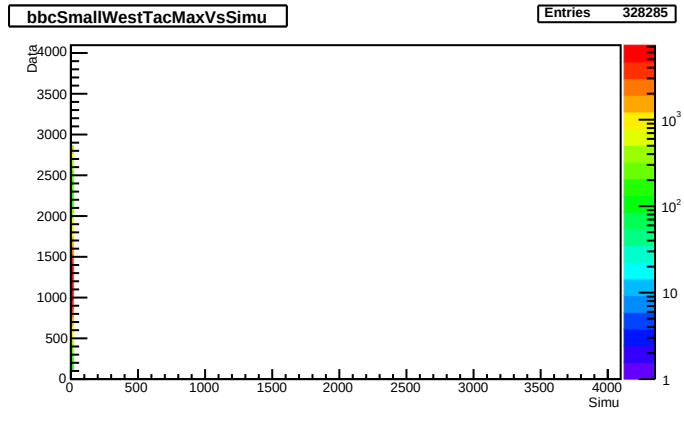
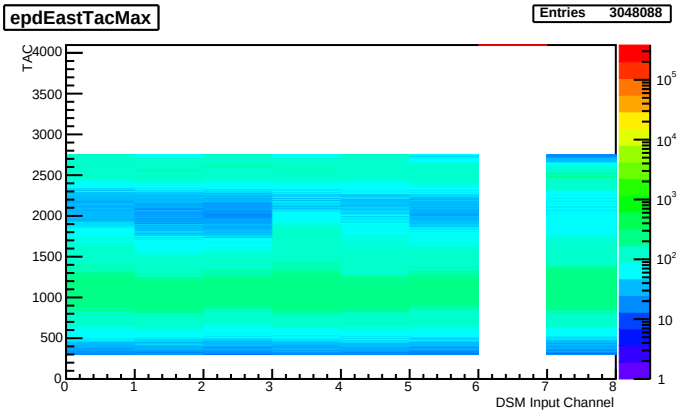
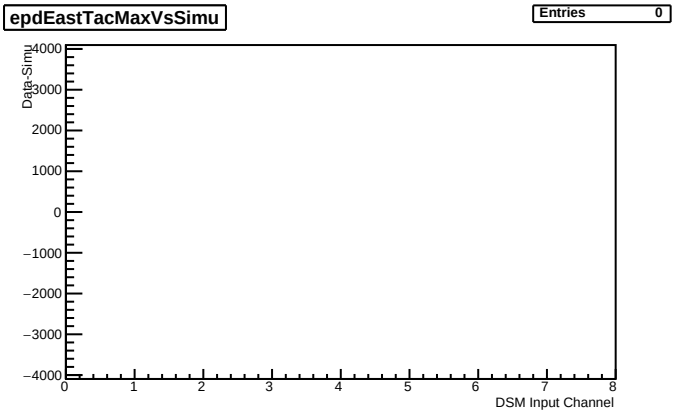
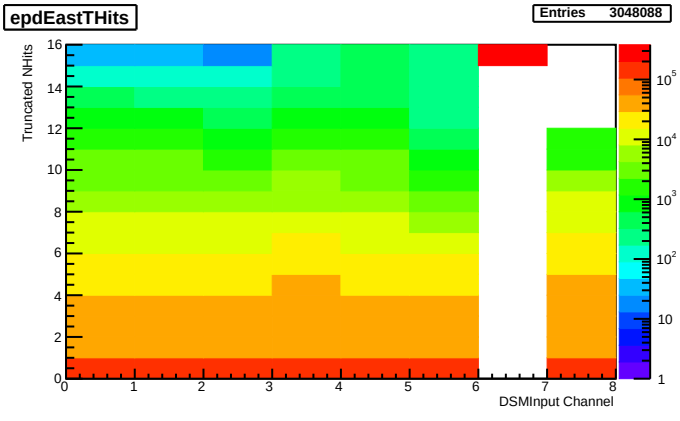
Entries 381011


bbcSmallWestTacMaxVsSimu
Entries 328285
Data
Simu


epdEastTacMax
Entries 3048088
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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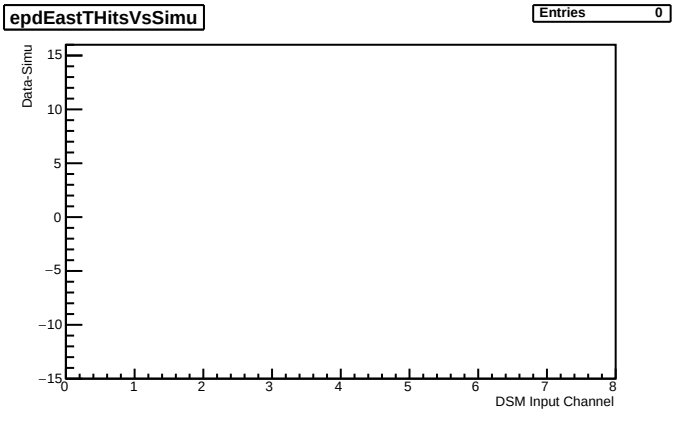
Entries 3048088
Truncated NHits
DSMInput Channel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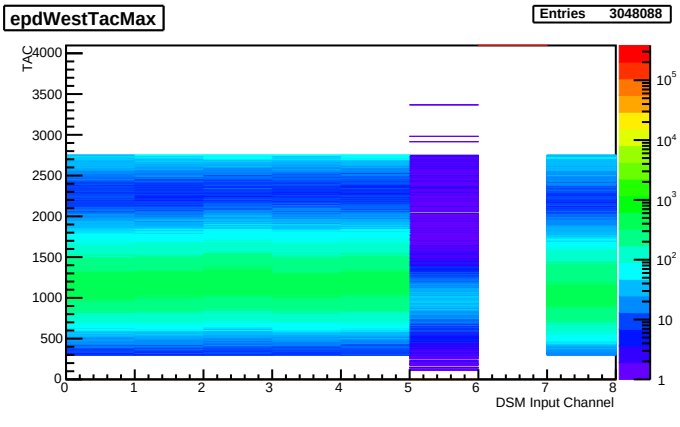
DSM Input Channel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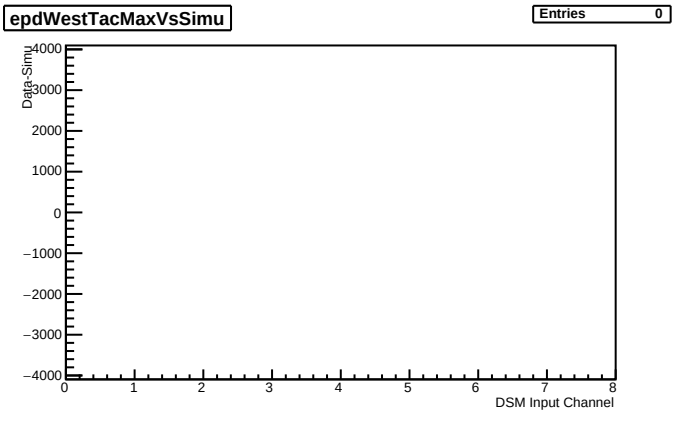
Entries 3048088
TAC
DSM Input Channel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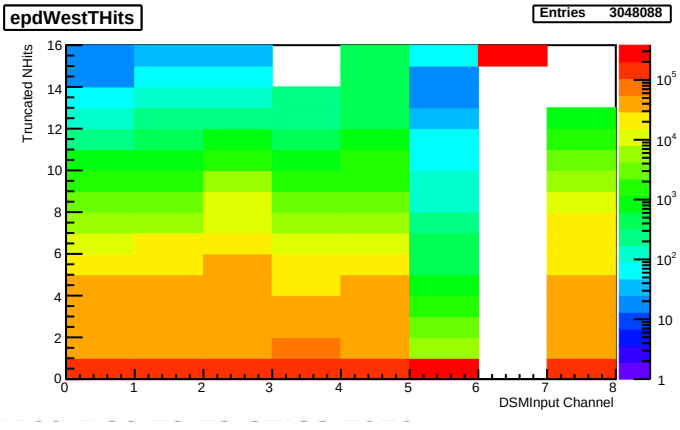
Data-Simu
DSM Input Channel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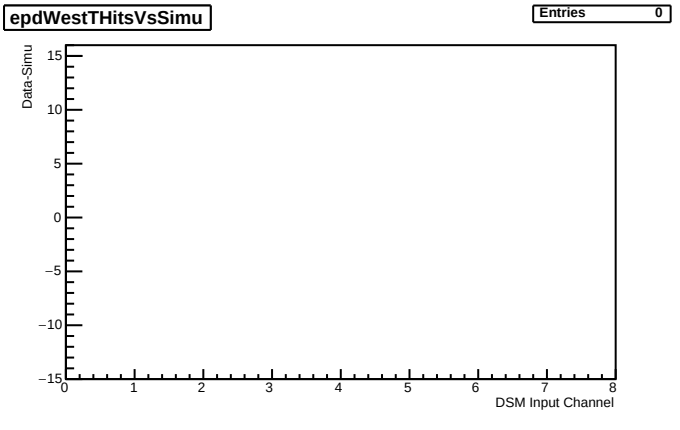
Entries 3048088
Truncated NHits
DSMInput Channel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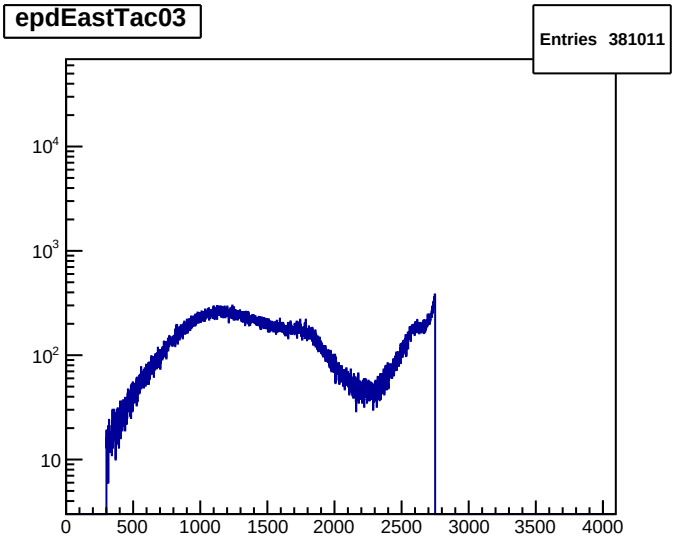
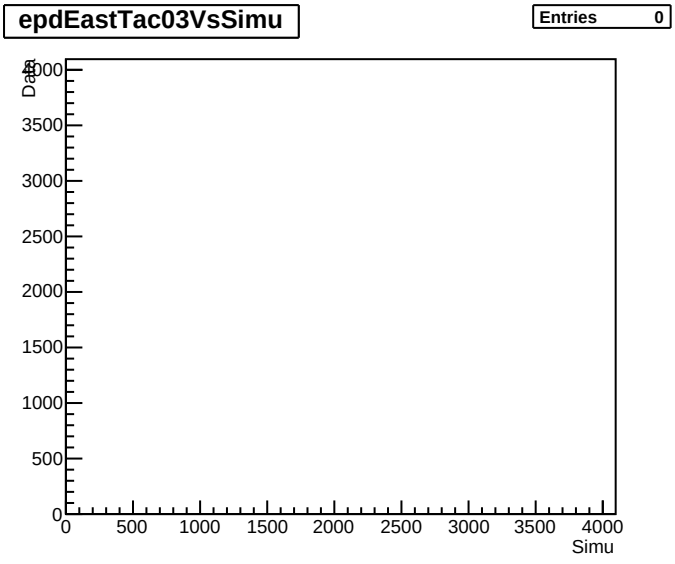
Data-Simu
DSM Input Channel


epdEastTac03
Entries 381011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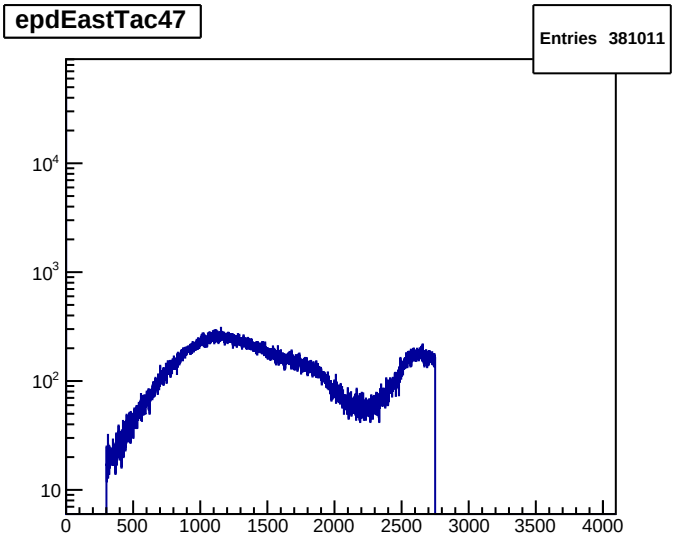
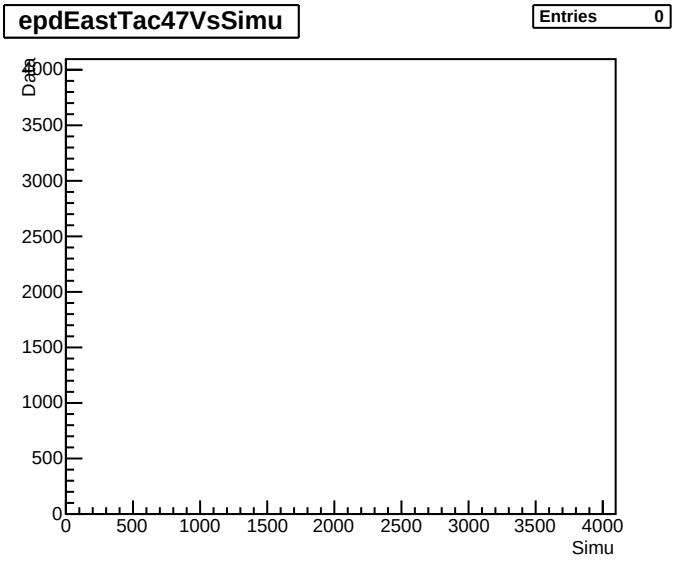
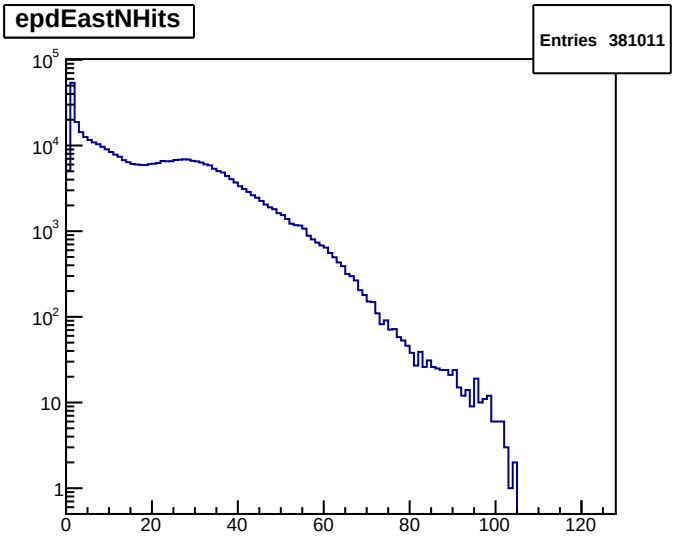
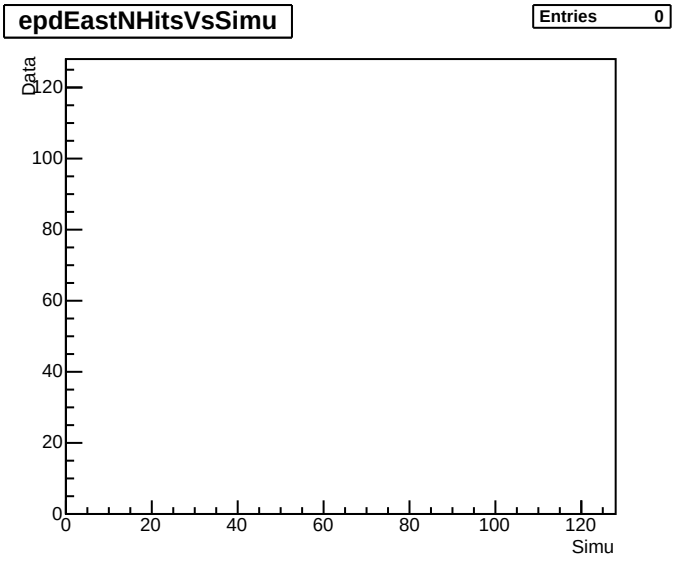
Entries 0
Data
Simu


epdEastTac47
Entries 381011


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 381011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Entries 0
Data
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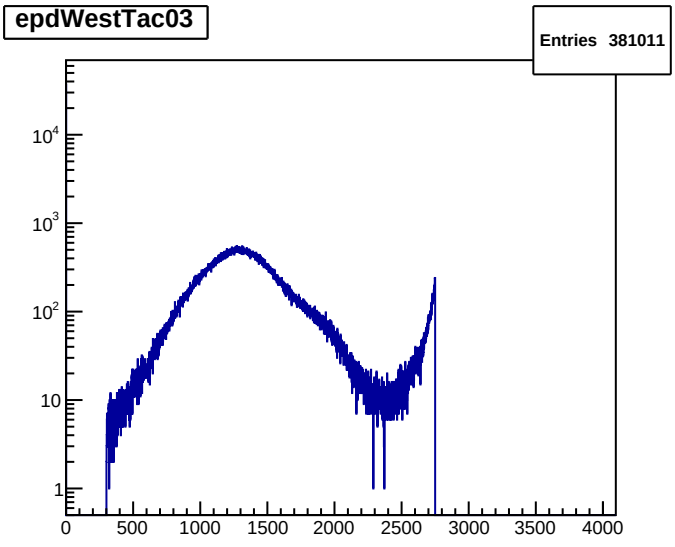
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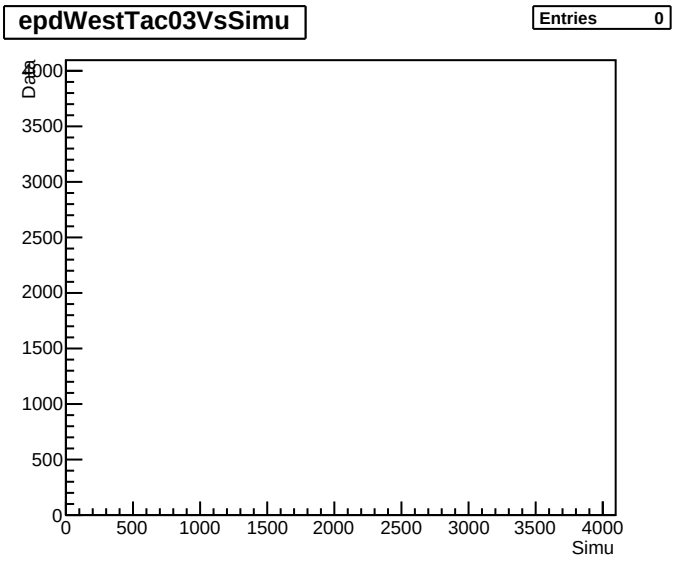
Entries 381011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Entries 0
Data
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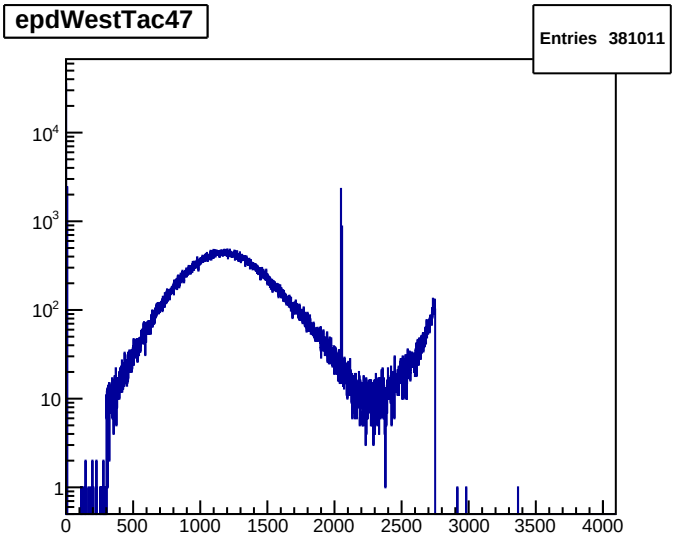
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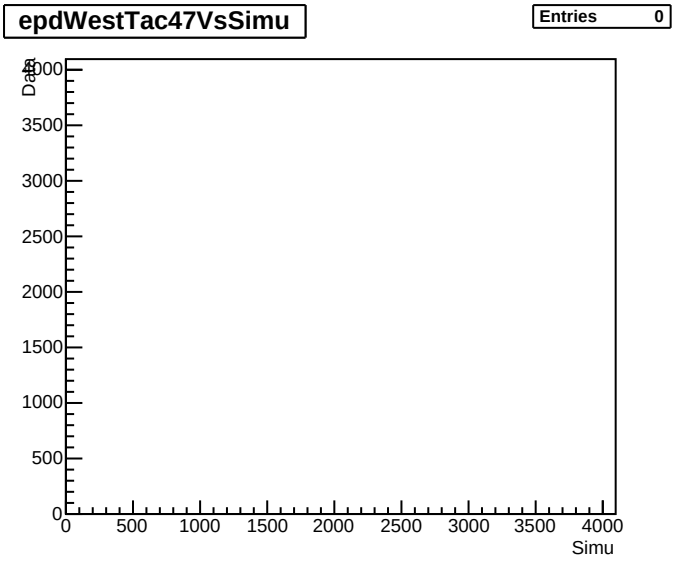
Entries 381011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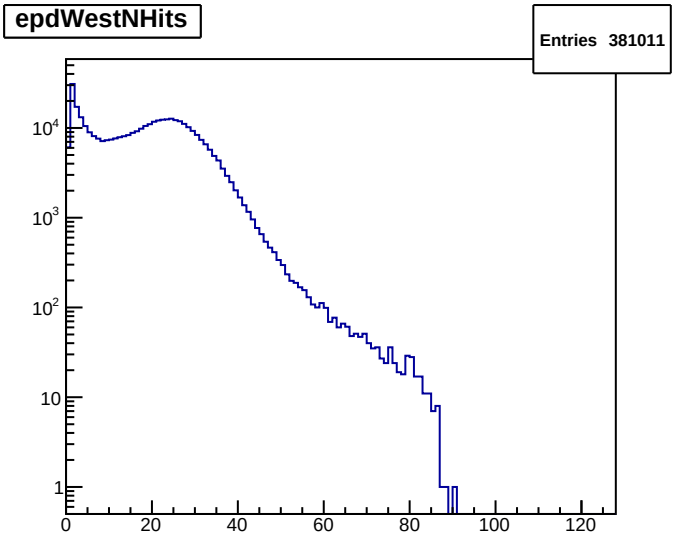
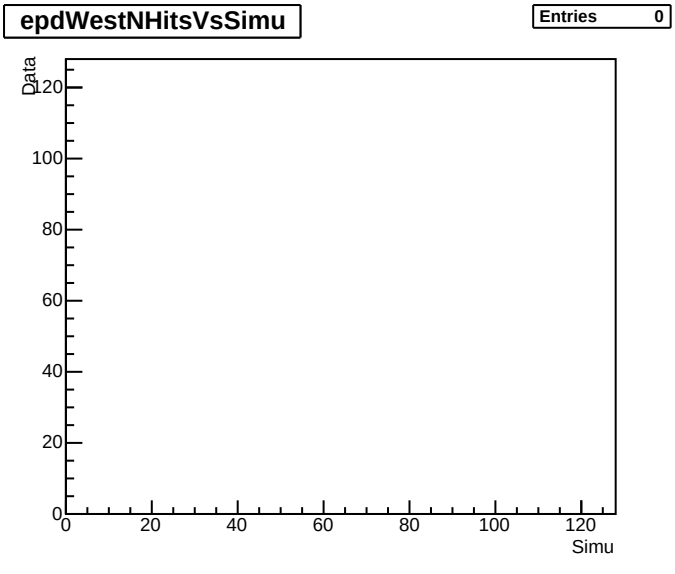
Entries 0
Data
Simu


epdWestNHits
Entries 381011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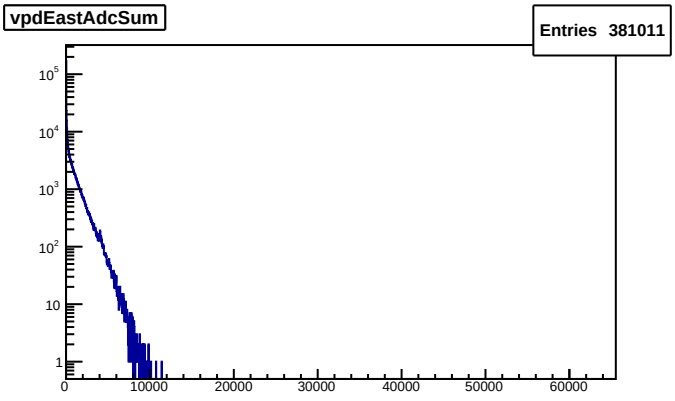
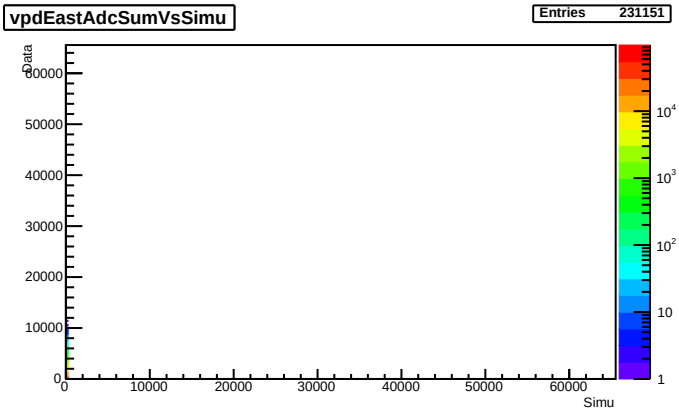
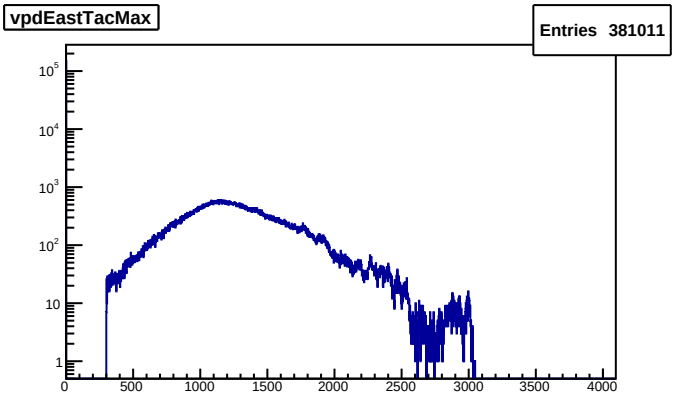
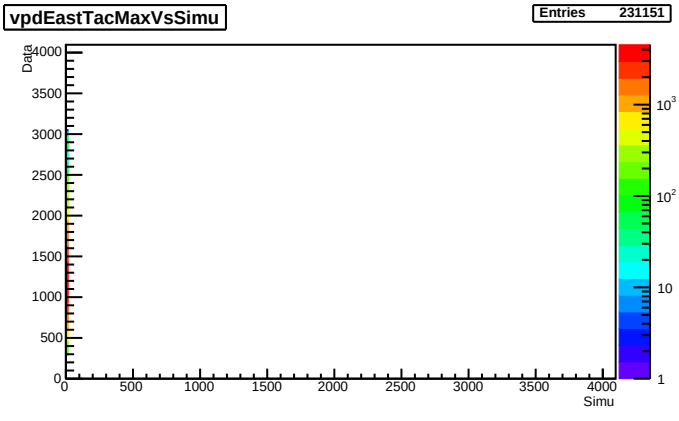
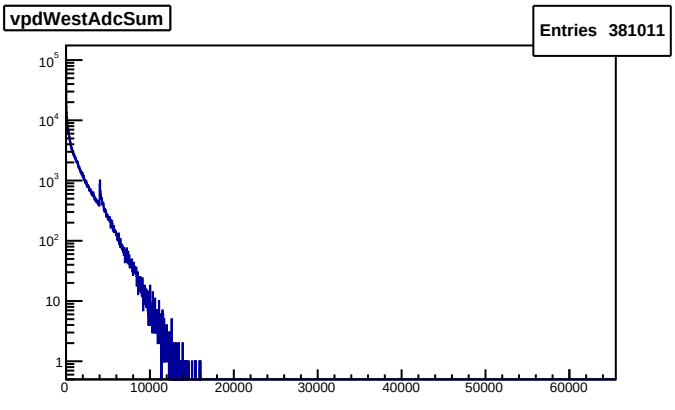
Entries 0
Data
Simu

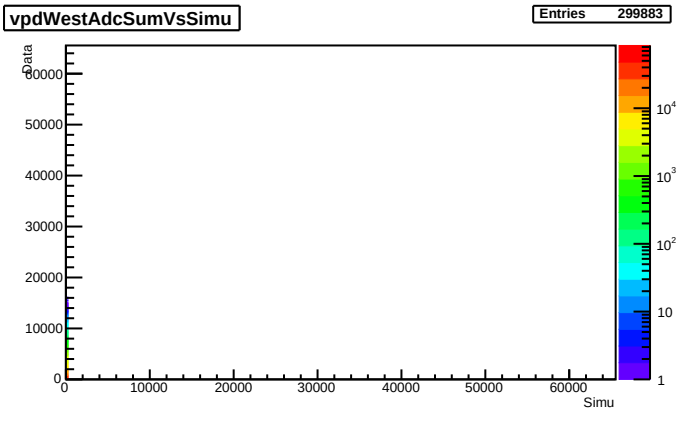

vpdEastAdcSum
Entries 381011

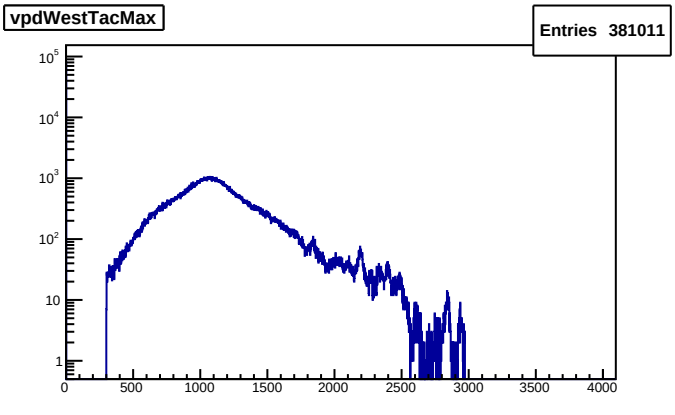

vpdEastAdcSumVsSimu
Entries 231151
Data
Simu

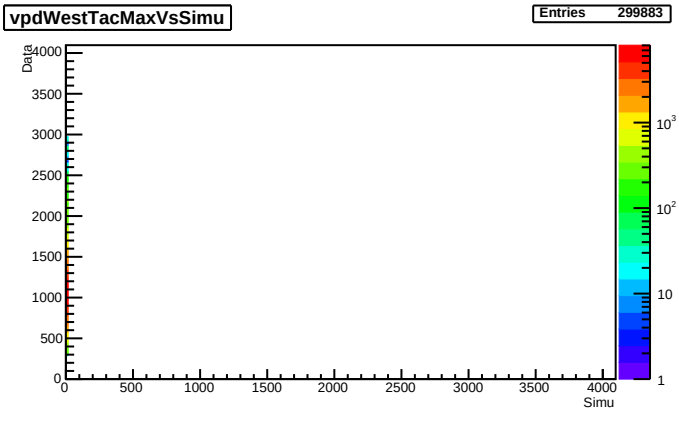

vpdEastTacMax
Entries 381011

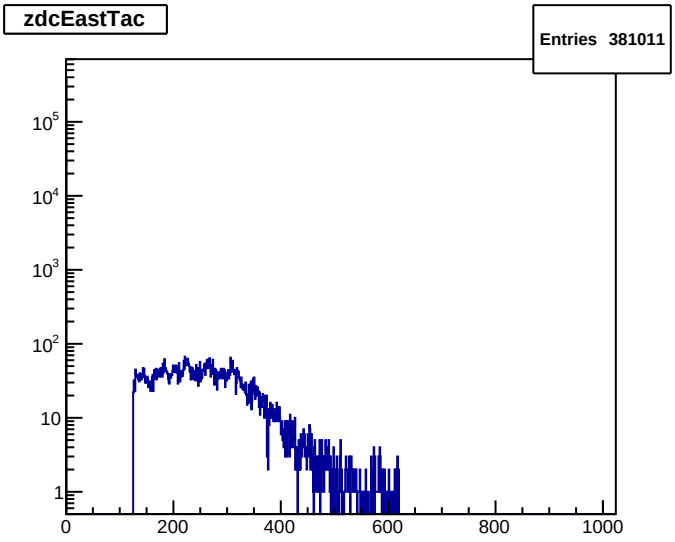

vpdEastTacMaxVsSimu
Entries 231151
Data
Simu

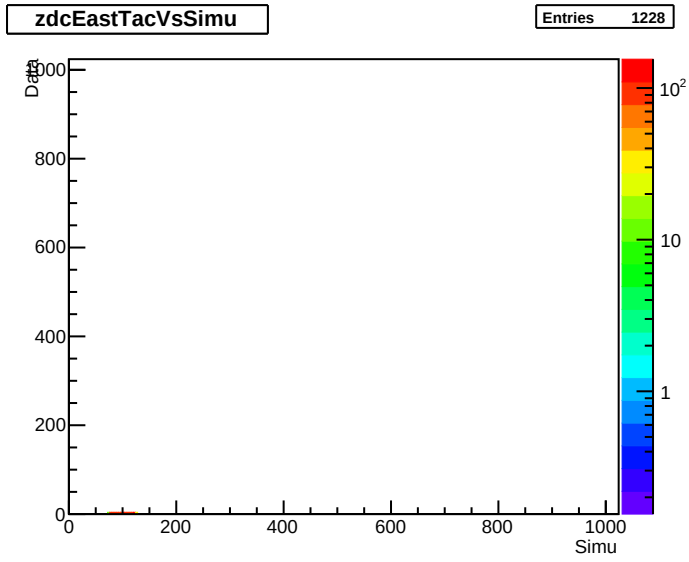

vpdWestAdcSum
Entries 381011

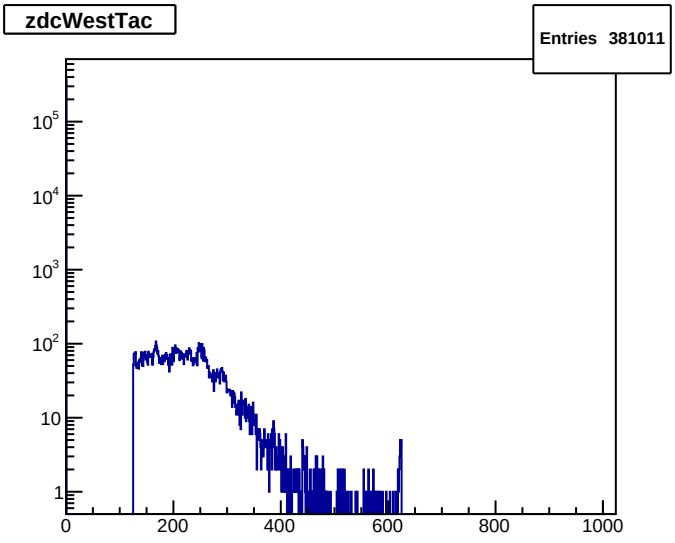

vpdWestAdcSumVsSimu
Entries 299883
Data
Simu

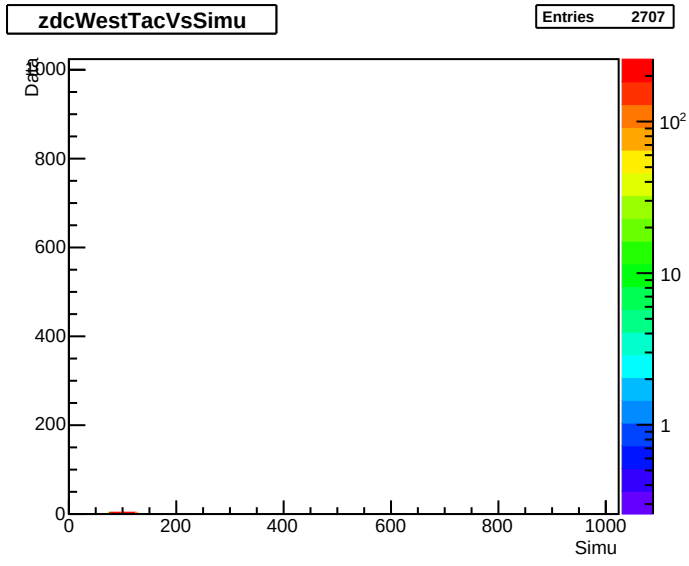

vpdWestTacMax
Entries 381011

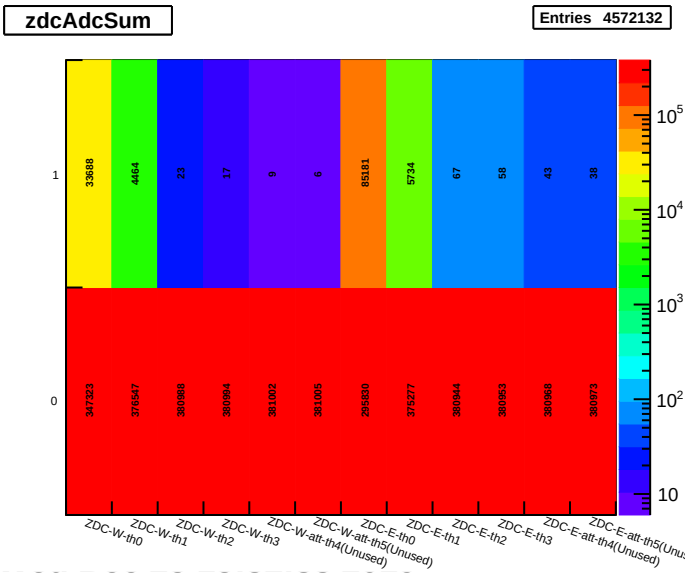

vpdWestTacMaxVsSimu
Entries 299883
Data
Simu

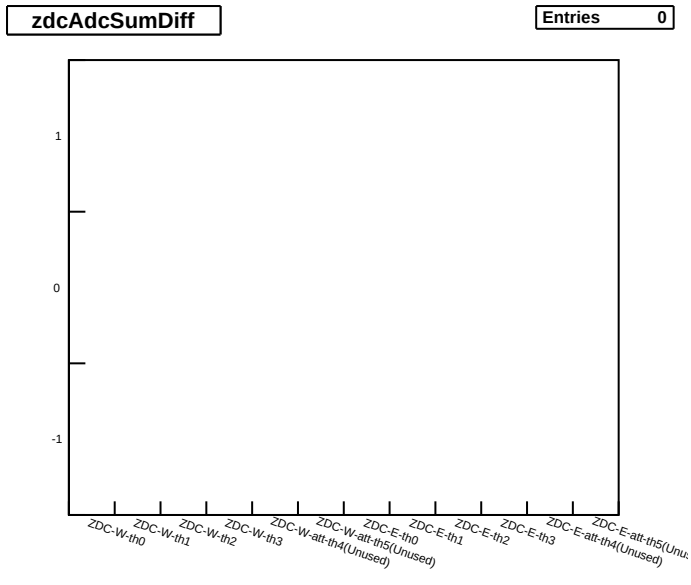

zdcEastTac
Entries 381011

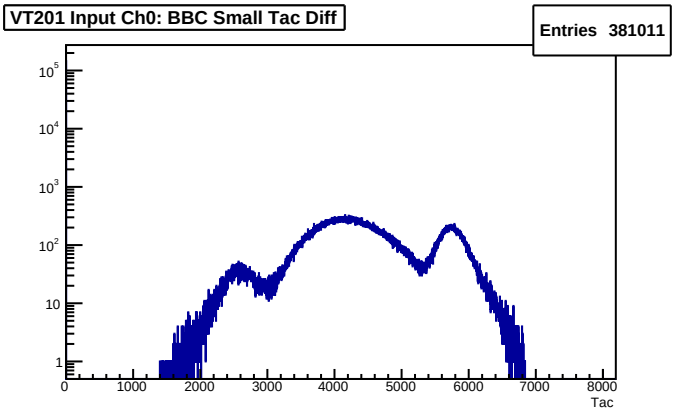

zdcEastTacVsSimu
Entries 1228
Data
Simu

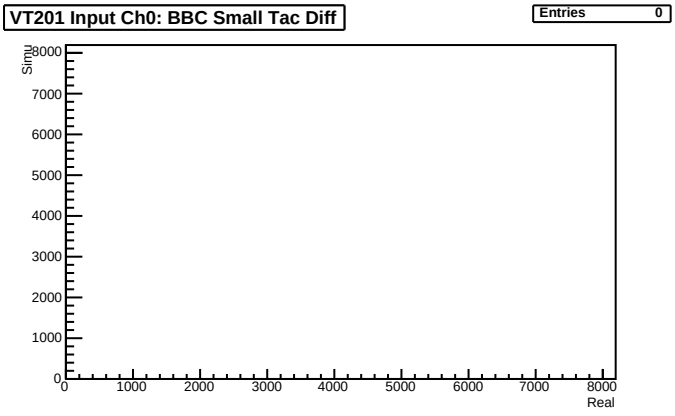

zdcWestTac
Entries 381011

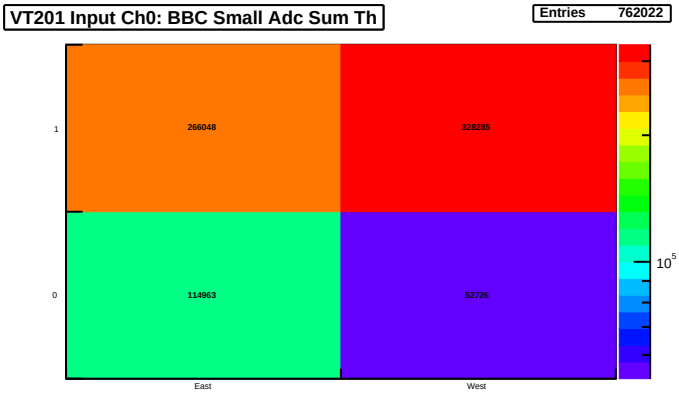

zdcWestTacVsSimu
Entries 2707
Data
Simu

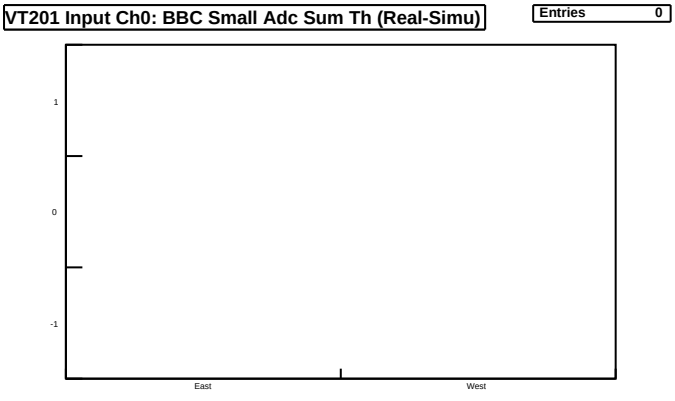

zdcAdcSum
Entries 4572132
33688
4464
23
17
9
6
85181
5734
67
58
43
38
347323
376547
380988
380994
381002
381005
295830
375277
380944
380953
380968
380973
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

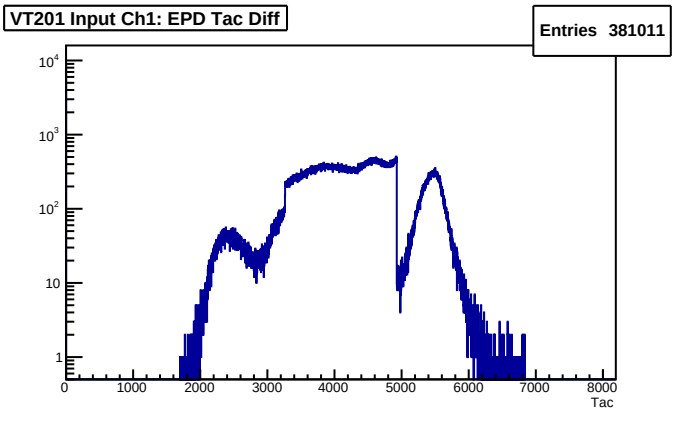

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

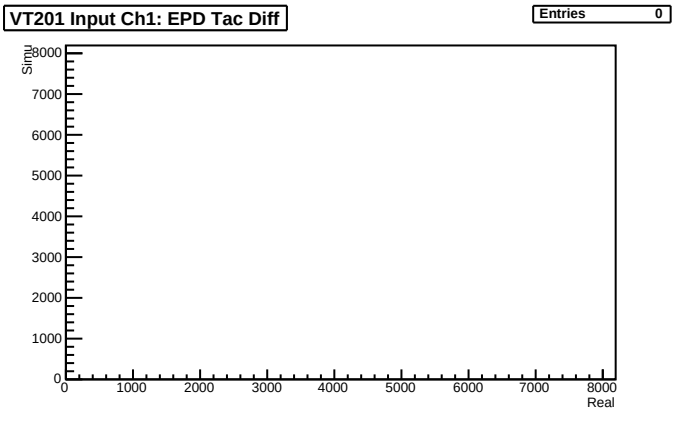

VT201 Input Ch0: BBC Small Tac Diff
Entries 381011
Tac

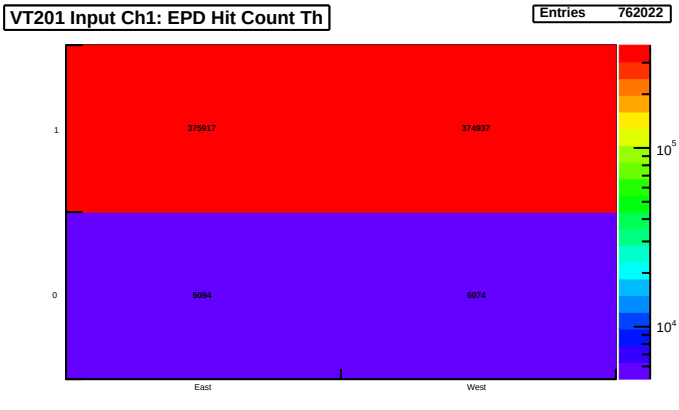

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

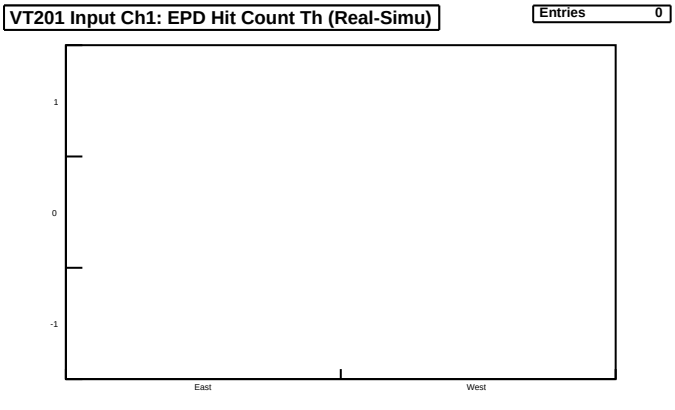

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 762022
266048
328285
114963
52726
East
West

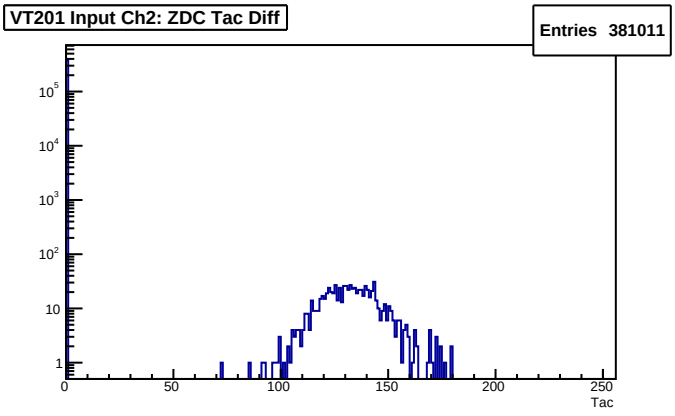

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

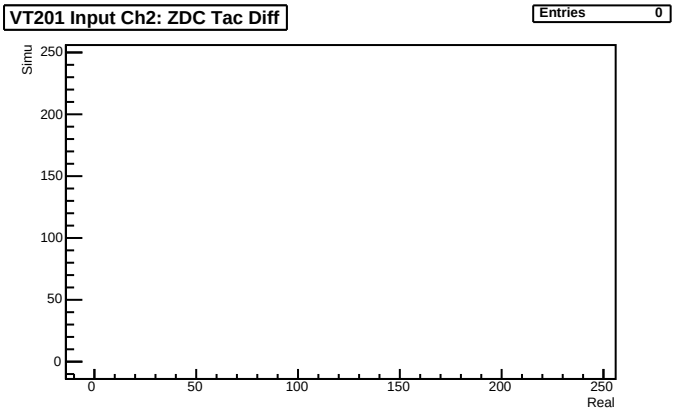

VT201 Input Ch1: EPD Tac Diff
Entries 381011
Tac

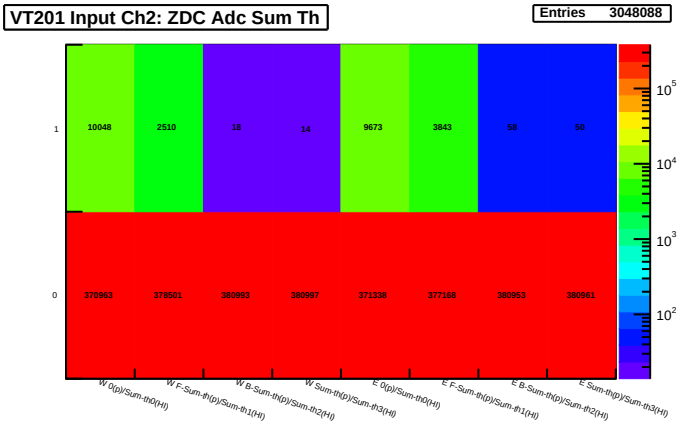

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

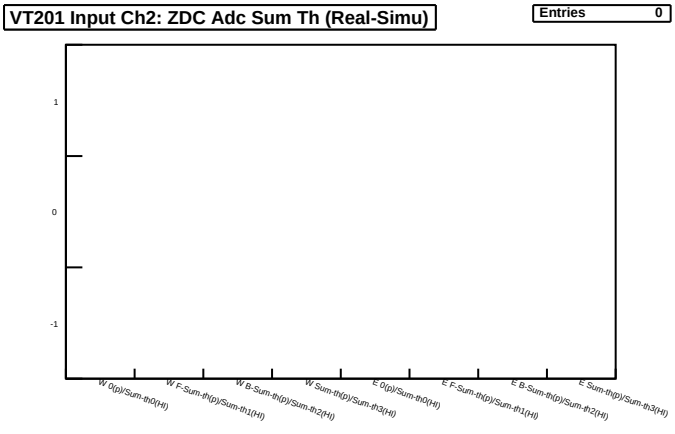

VT201 Input Ch1: EPD Hit Count Th
Entries 762022
375917
374937
5094
6074
East
West

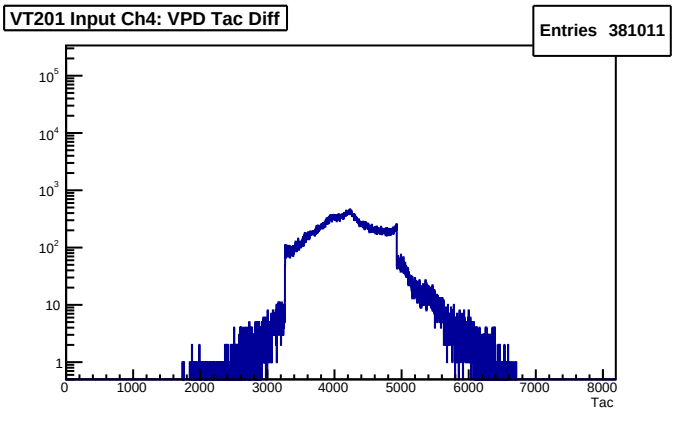

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

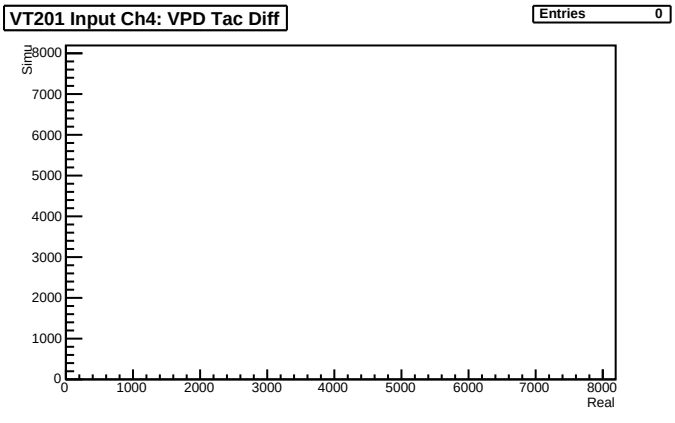

VT201 Input Ch2: ZDC Tac Diff
Entries 381011
Tac

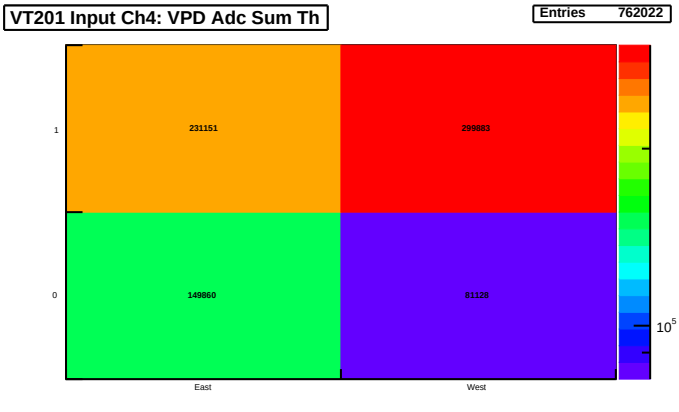

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

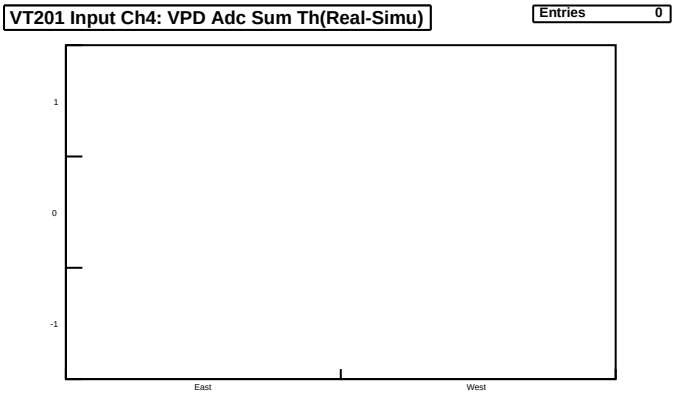

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3048088
10048
2510
18
14
9673
3843
58
50
370963
378501
380993
380997
371338
377168
380953
380961
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

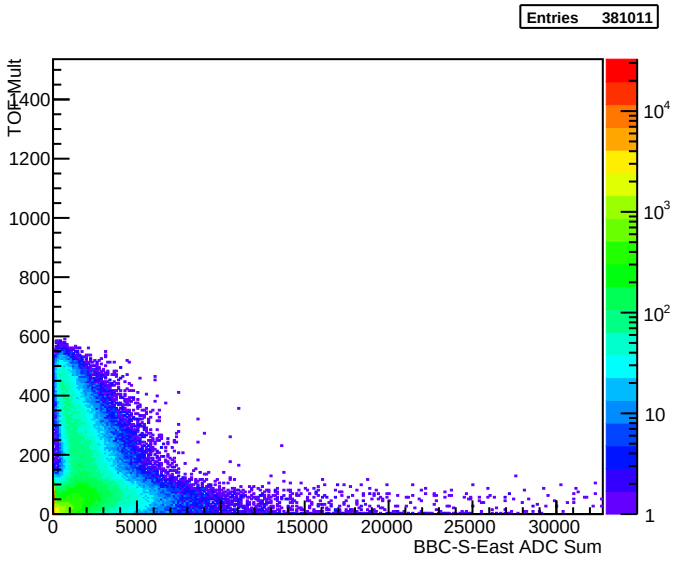

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

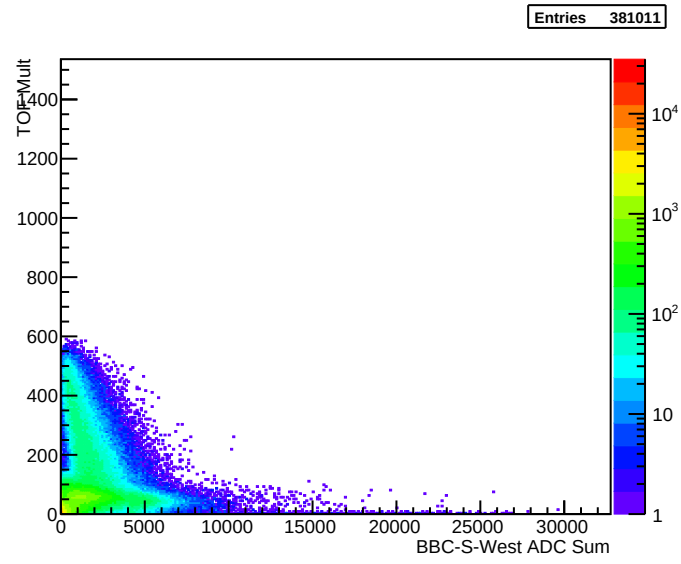

VT201 Input Ch4: VPD Tac Diff
Entries 381011
Tac

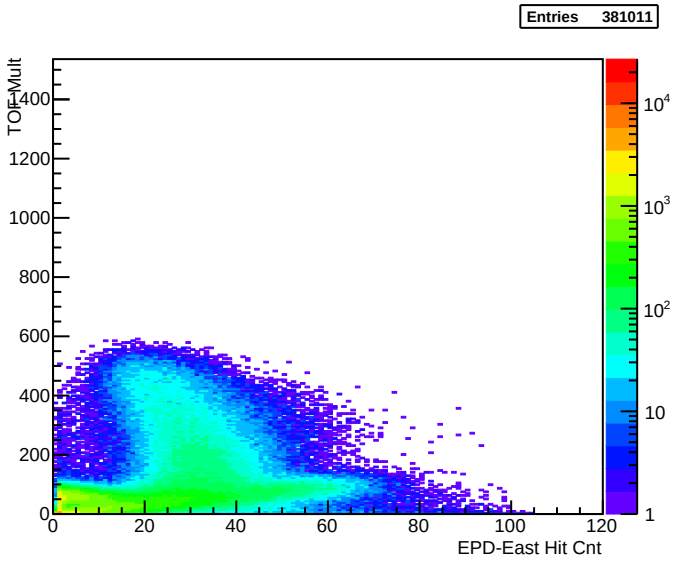

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

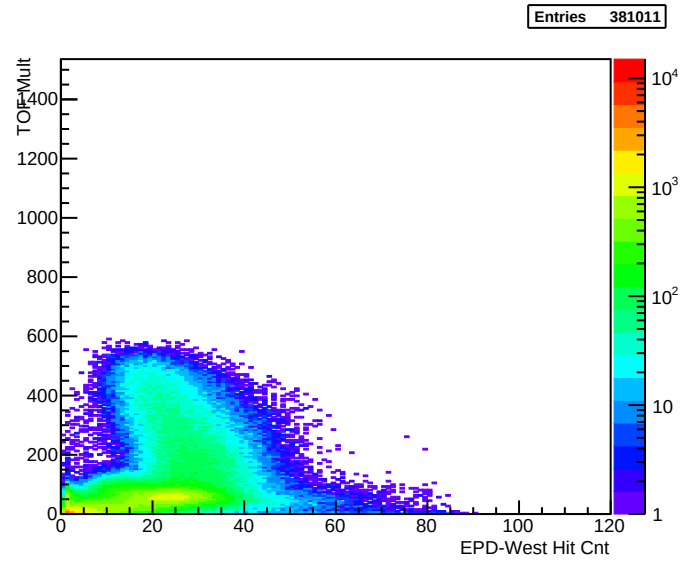

VT201 Input Ch4: VPD Adc Sum Th
Entries 762022
231151
299883
149860
81128
East
West

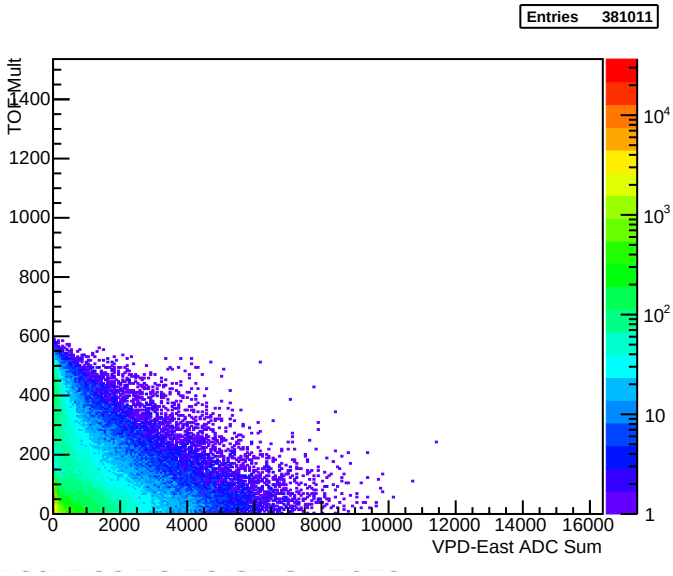

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

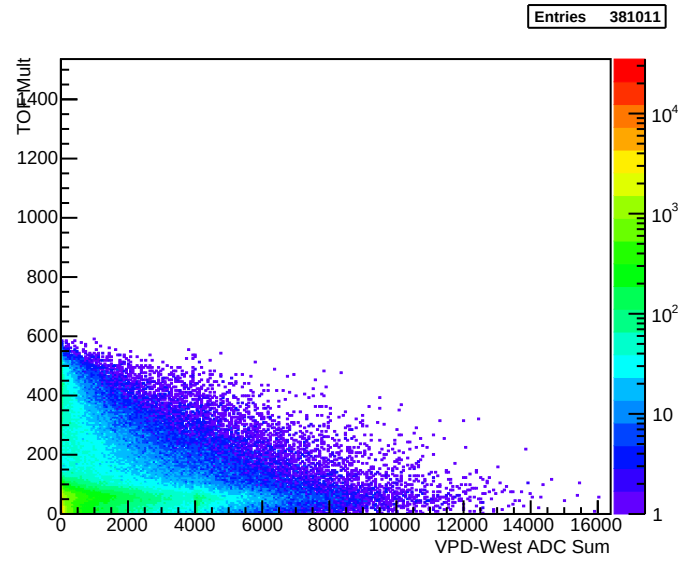

Entries 381011
TOF-Mult
BBC-S-East ADC Sum

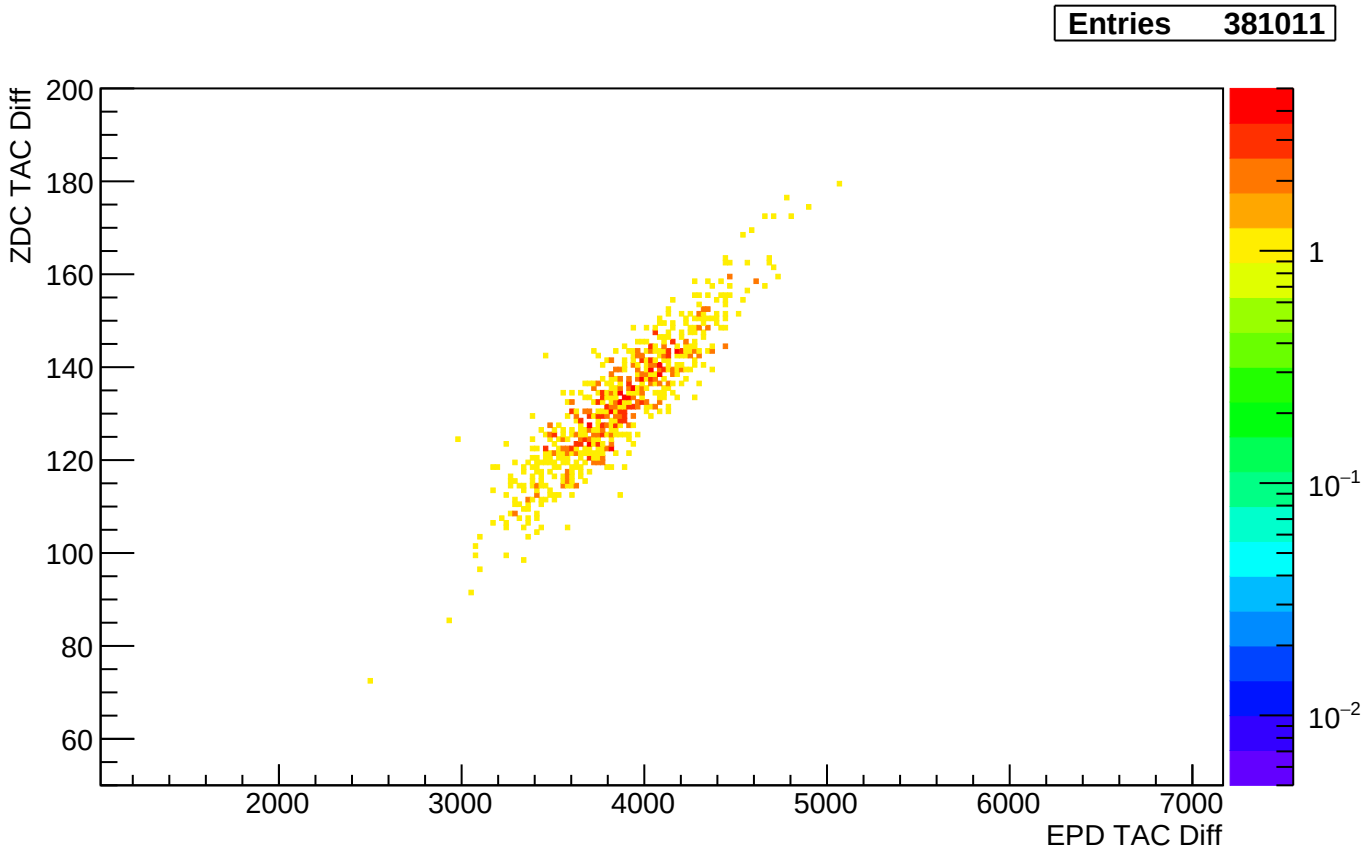

Entries 381011
TOF-Mult
BBC-S-West ADC Sum

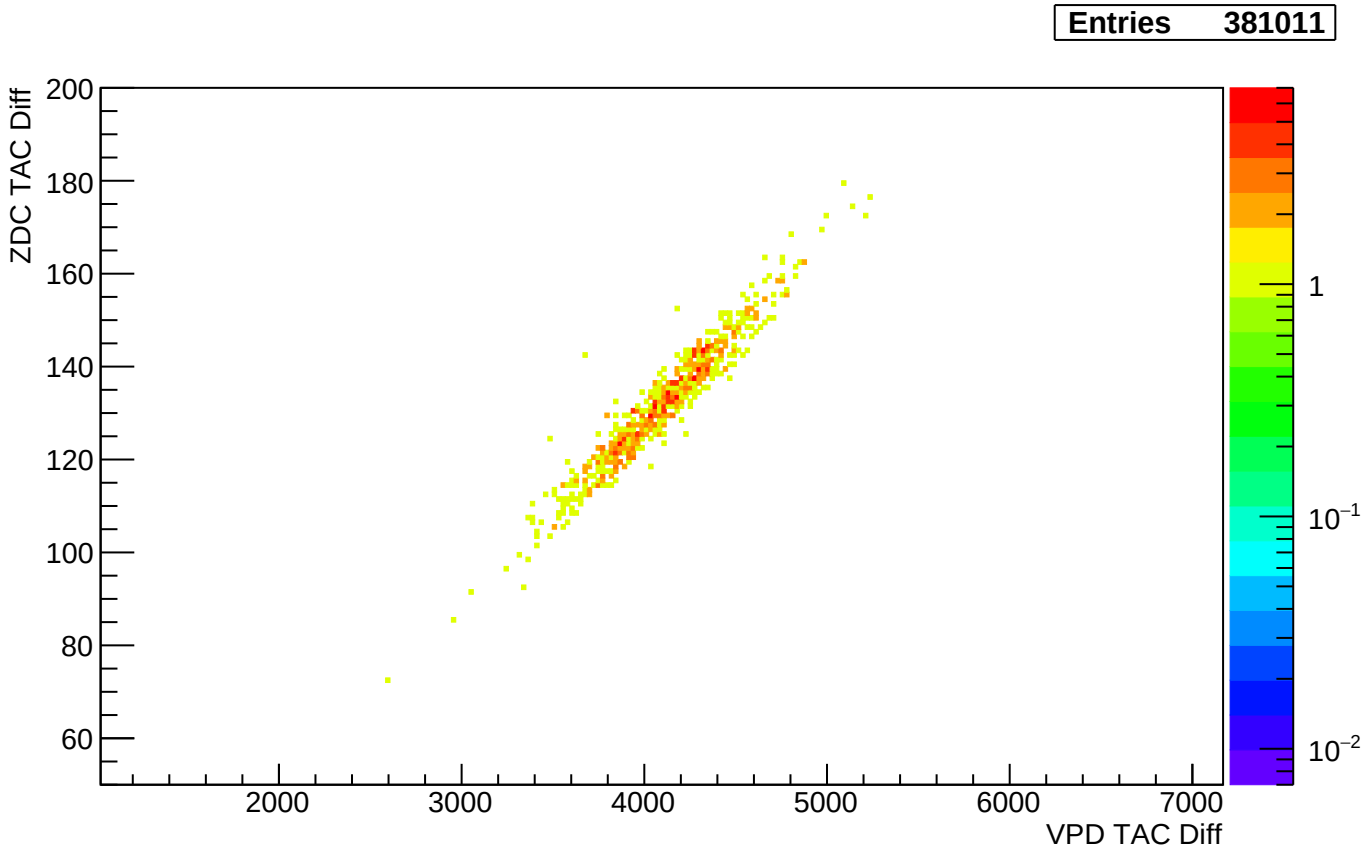

Entries 381011
TOF-Mult
EPD-East Hit Cnt

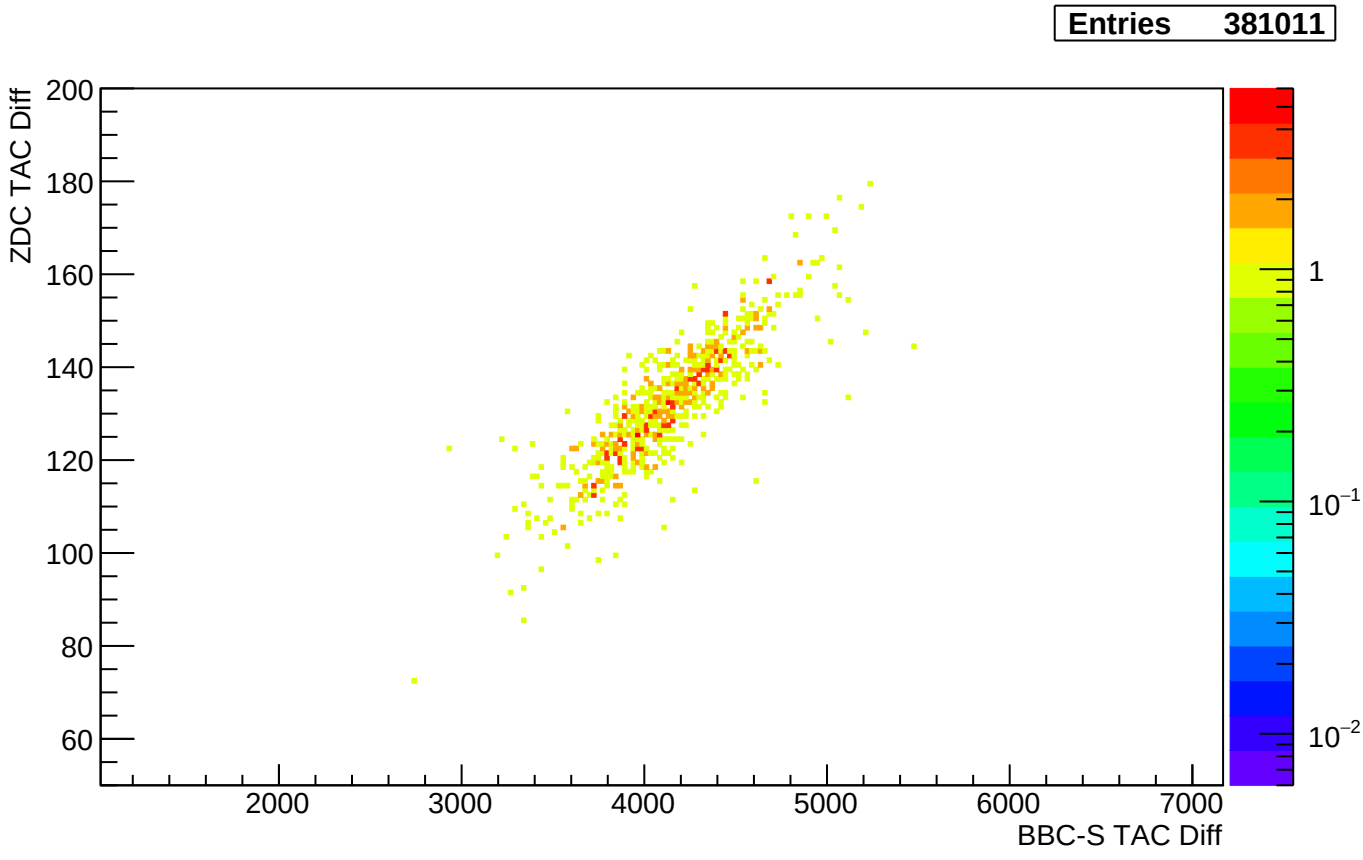

Entries 381011
TOF-Mult
EPD-West Hit Cnt

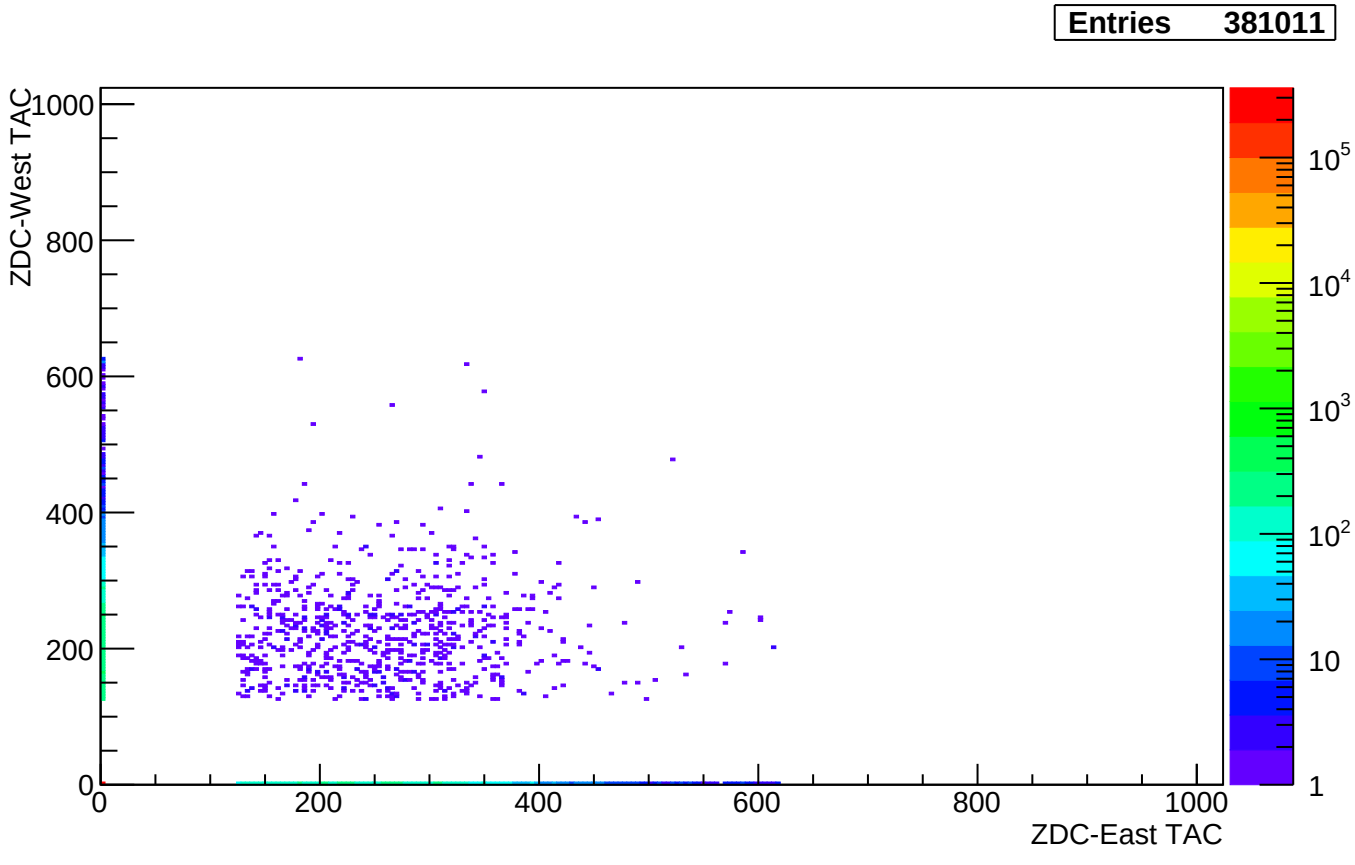

Entries 381011
TOF-Mult
VPD-East ADC Sum

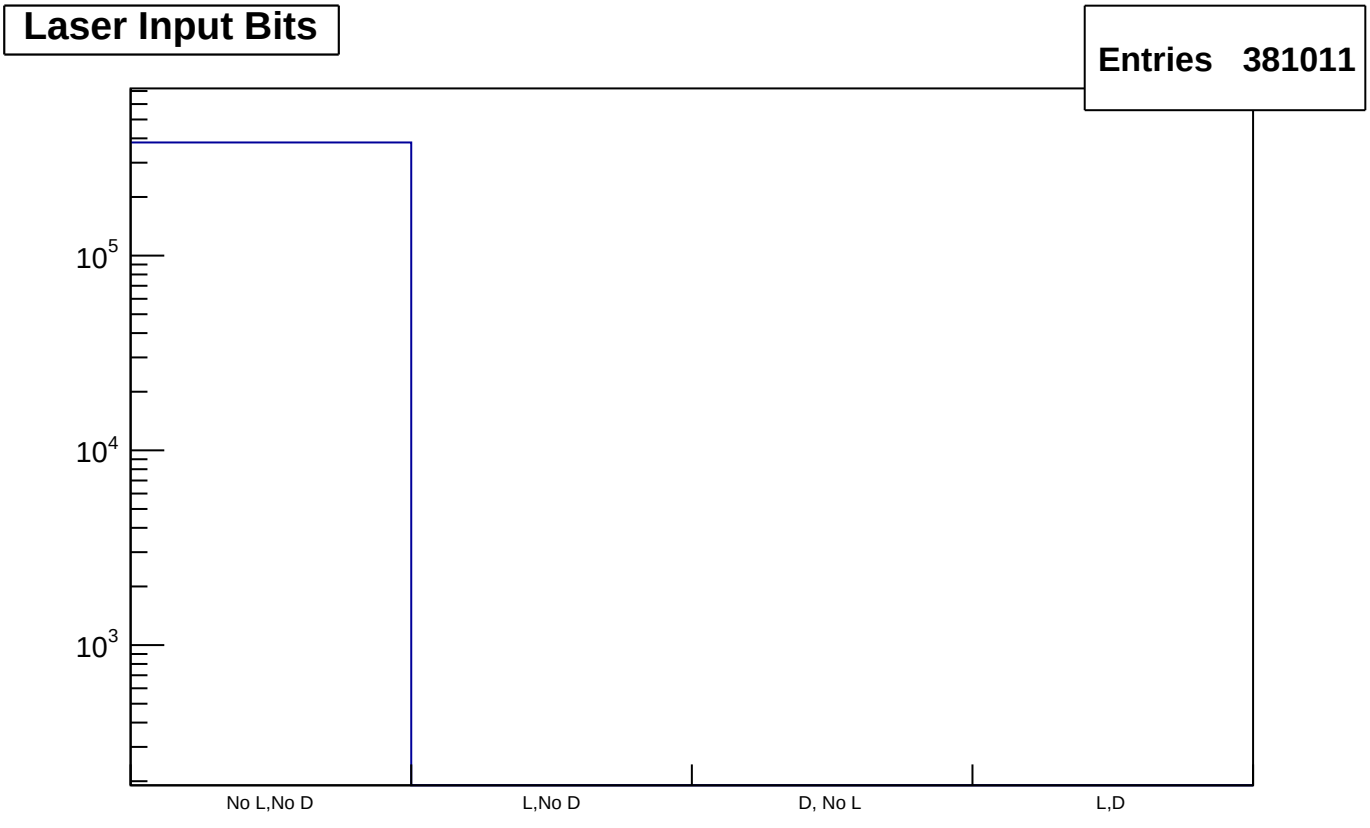

Entries 381011
TOF-Mult
VPD-West ADC Sum

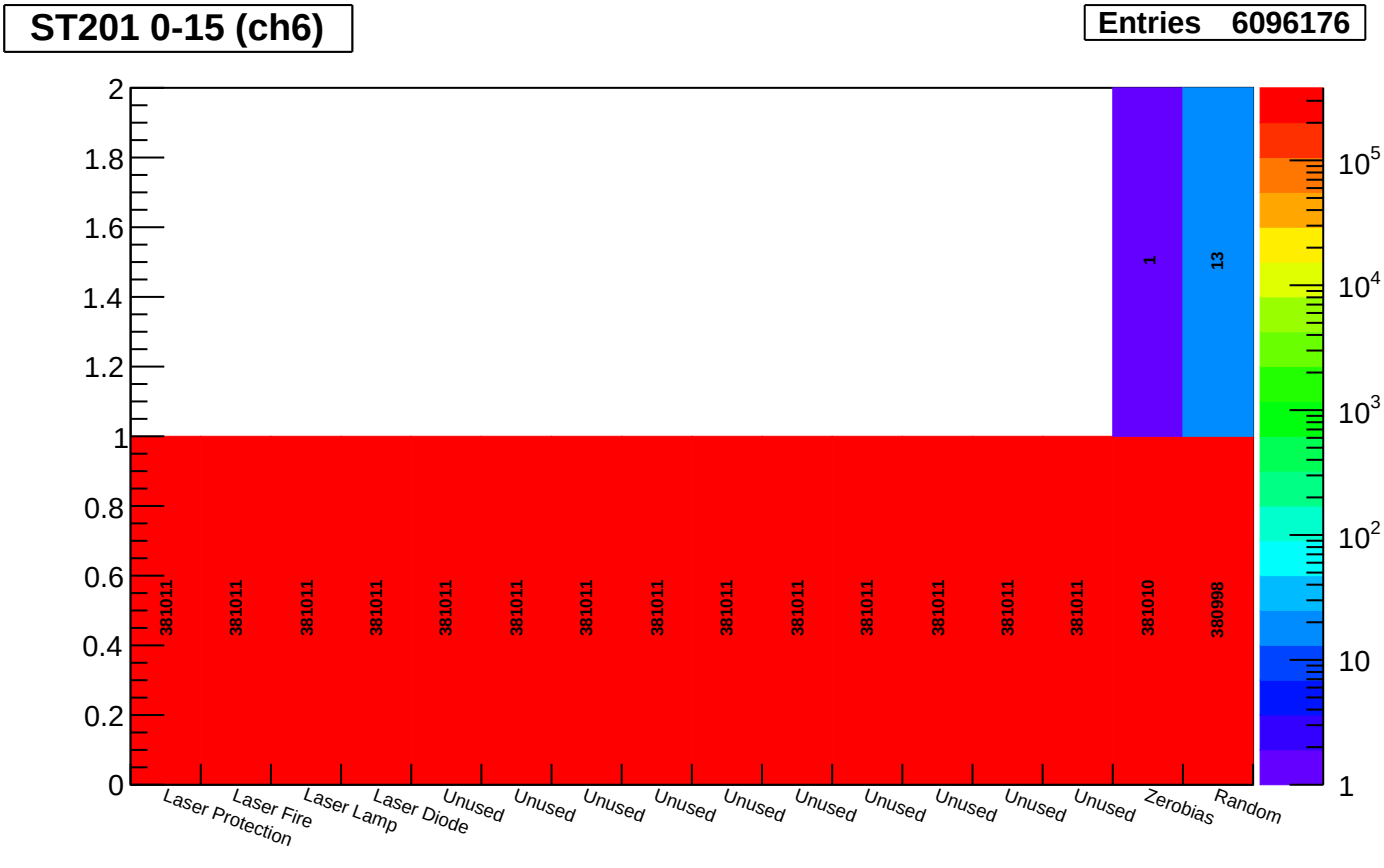

Entries 381011
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

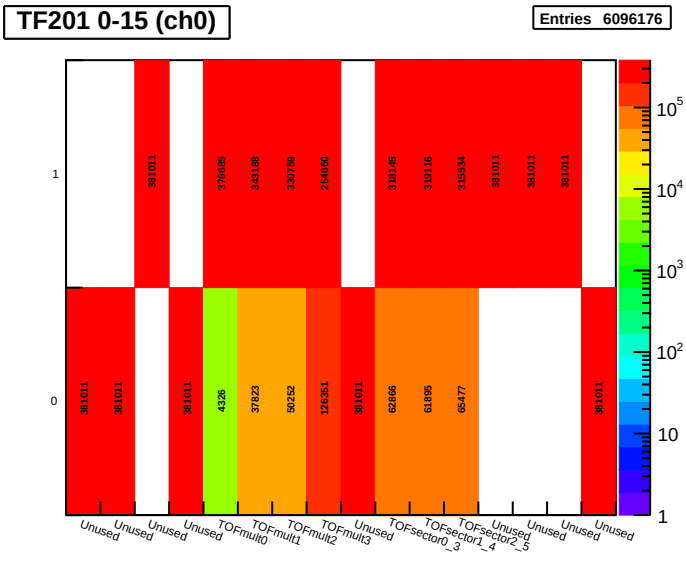

Entries 381011
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

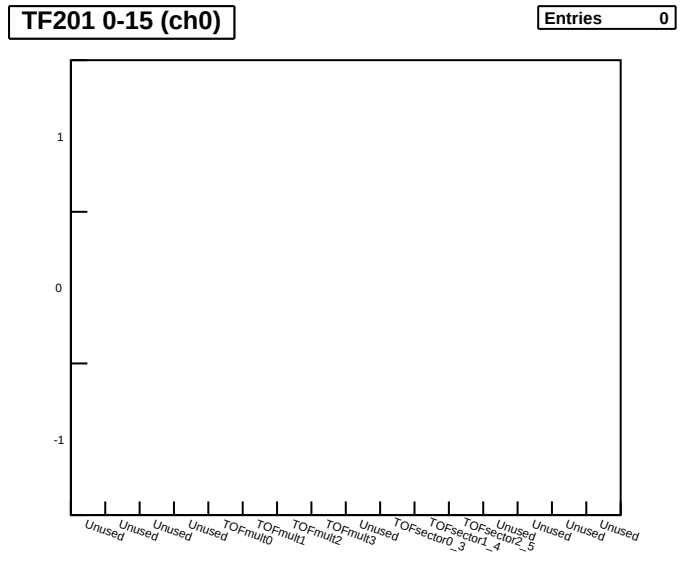

Entries 381011
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

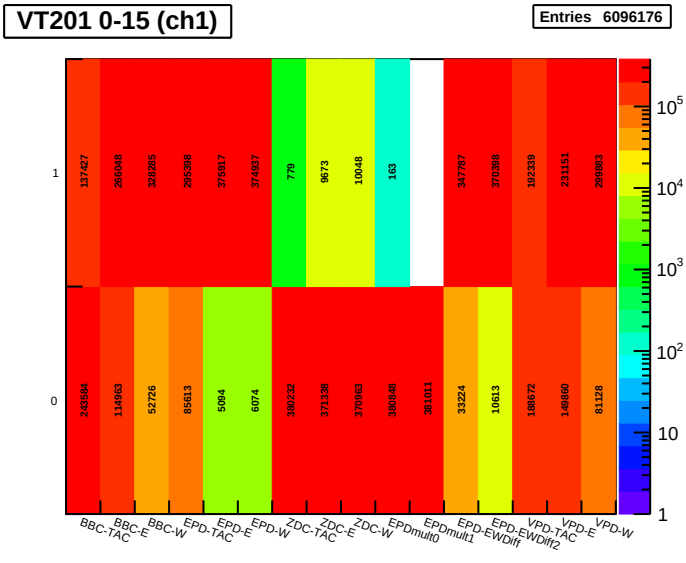

Entries 381011
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

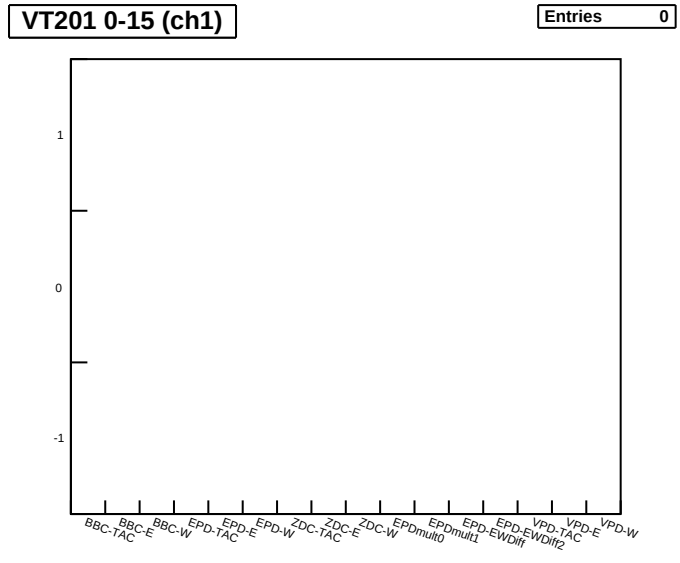

Laser Input Bits
Entries 381011
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

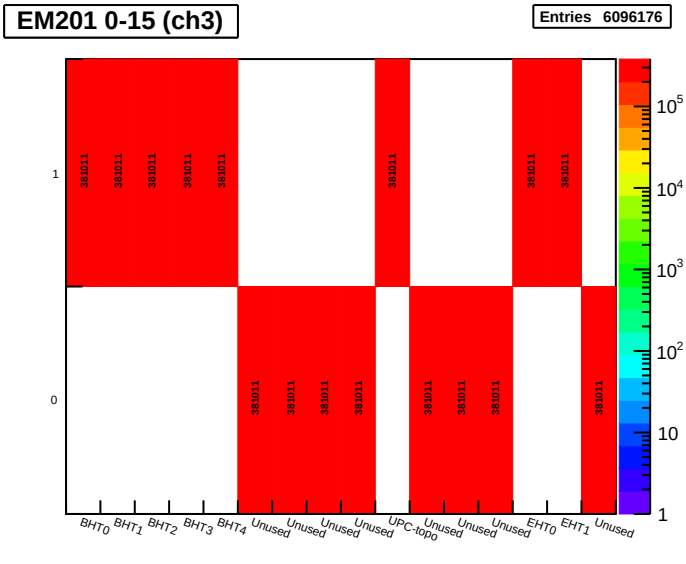

ST201 0-15 (ch6)
Entries 6096176
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
381011
381011
381011
381011
381011
381011
381011
381011
381011
381011
381011
381011
381011
381011
381010
380998
1
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

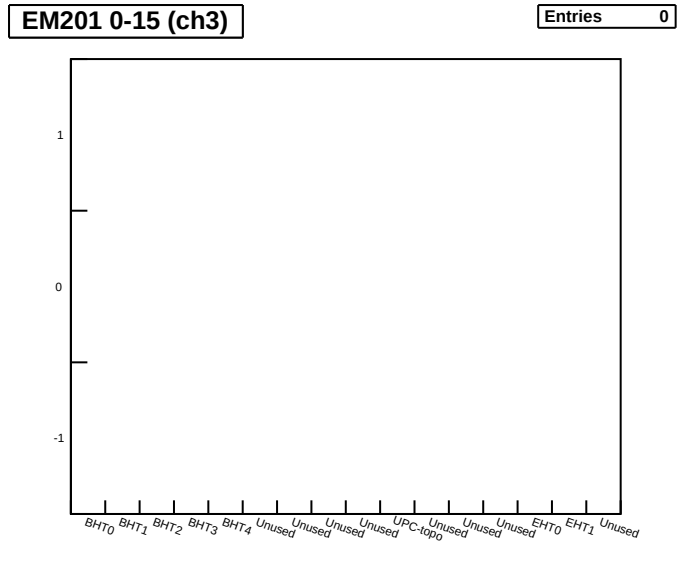

TF201 0-15 (ch0)
Entries 6096176
1
0
381011
376685
343188
330759
254660
318145
319116
315534
381011
381011
381011
381011
381011
4326
37823
50252
126351
381011
62866
61895
65477
381011
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 6096176
1
0
137427
266048
328285
295398
375917
374937
779
9673
10048
163
347767
370398
192359
231151
299883
243584
114963
52726
85613
5094
6074
380232
371338
370953
380848
381011
33224
10613
188672
149860
81128
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 6096176
1
0
381011
381011
381011
381011
381011
381011
381011
381011
381011
381011
381011
381011
381011
381011
381011
381011
381011
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