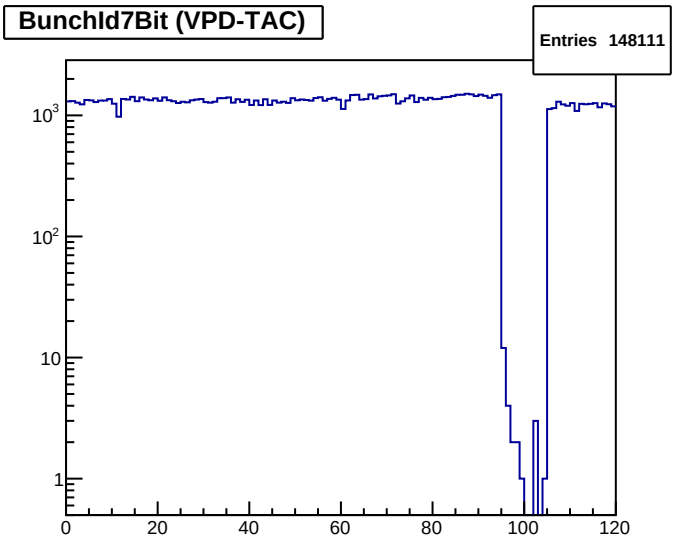
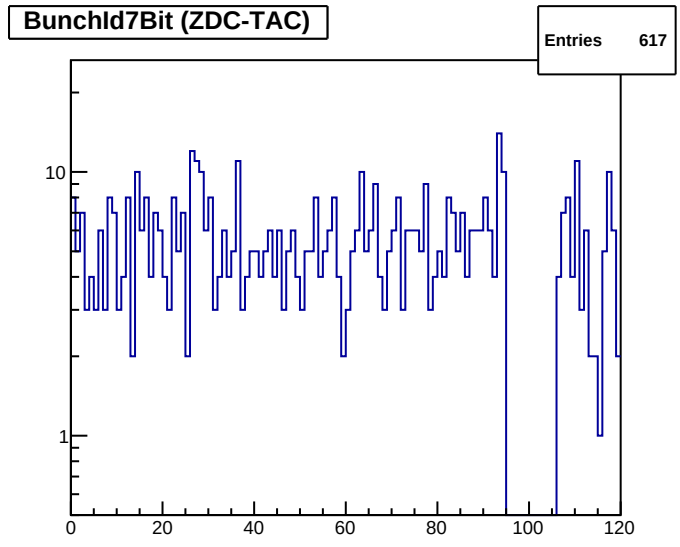
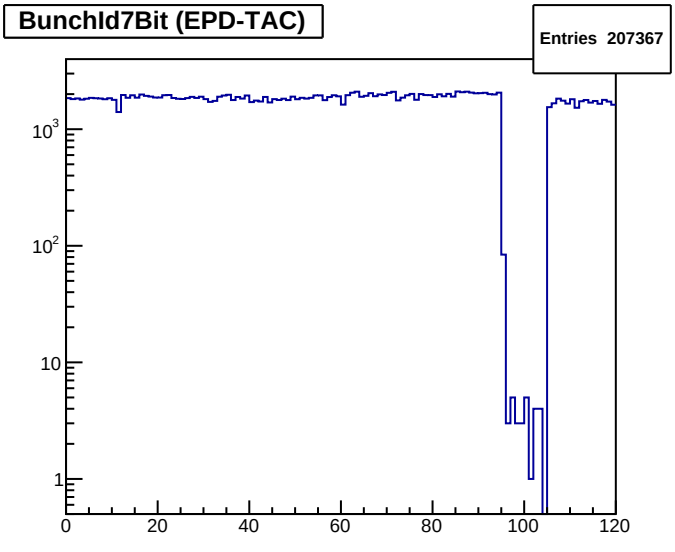
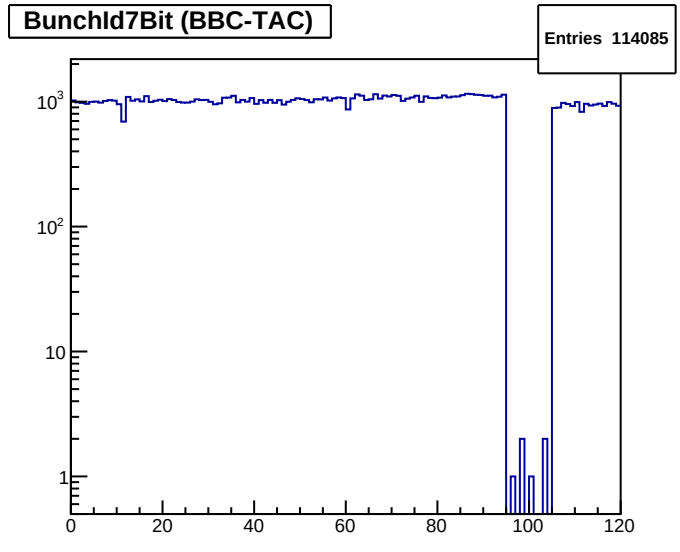
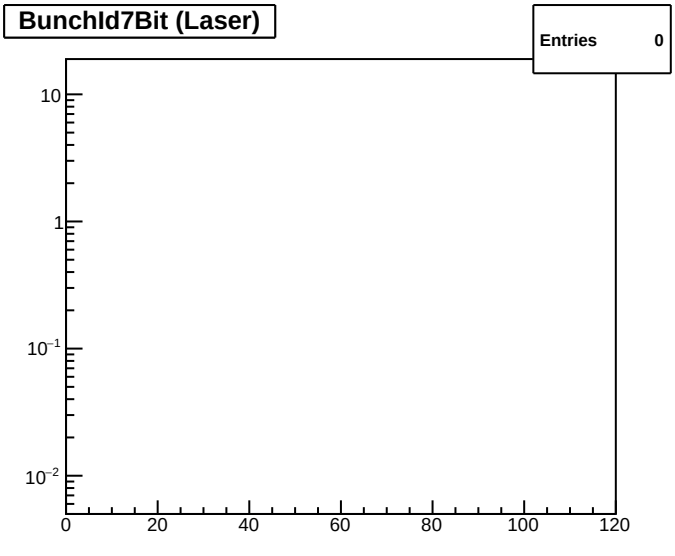
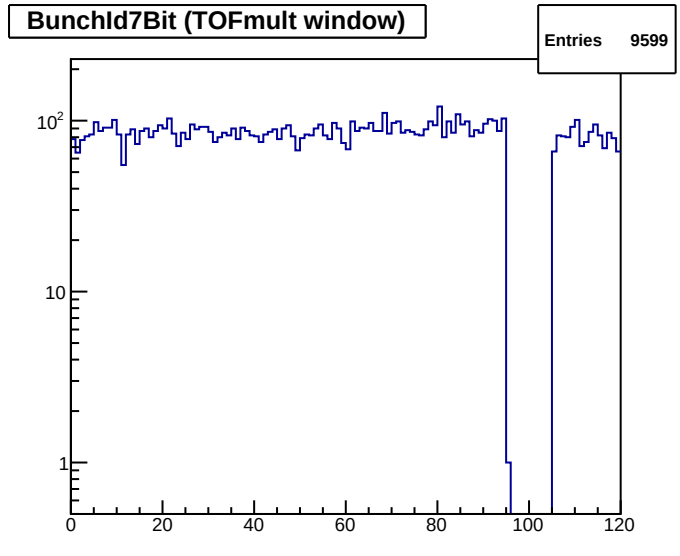

BunchId7Bit (VPD-TAC)
Entries 148111

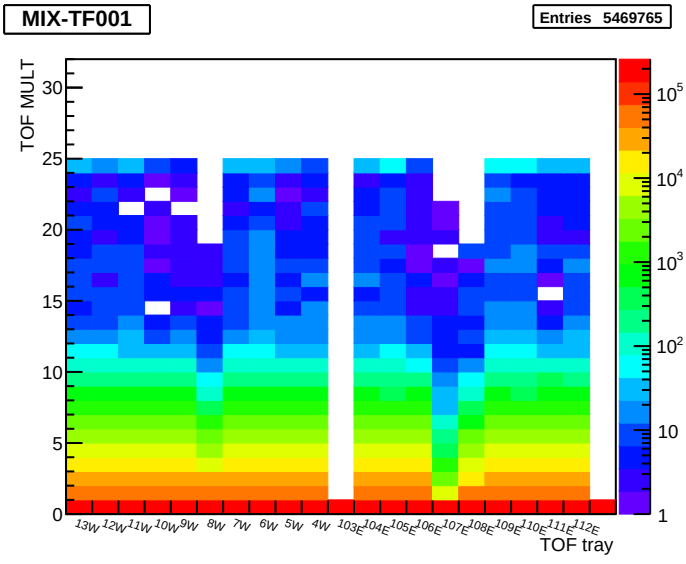

BunchId7Bit (ZDC-TAC)
Entries 617

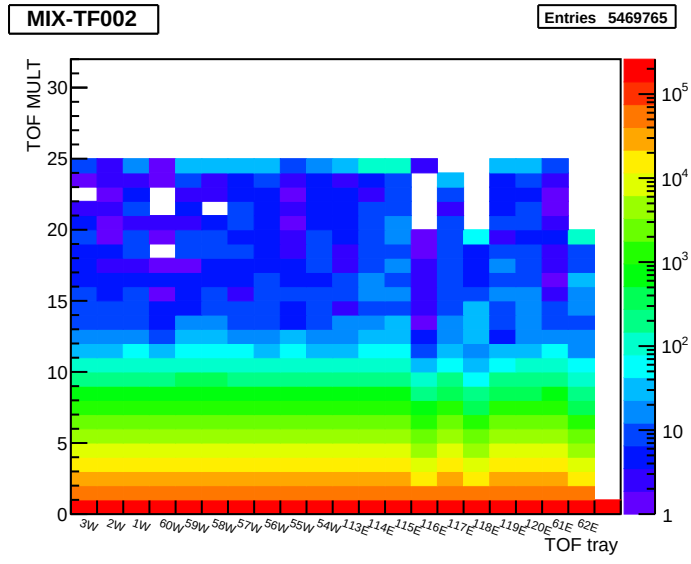

BunchId7Bit (EPD-TAC)
Entries 207367

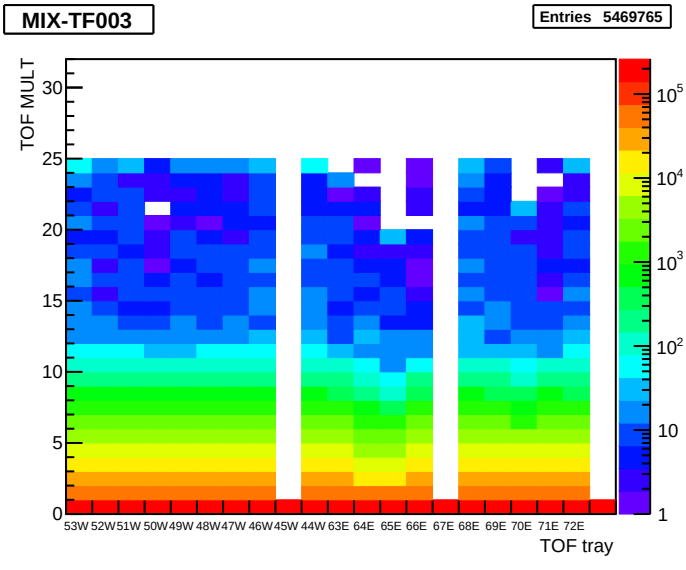

BunchId7Bit (BBC-TAC)
Entries 114085

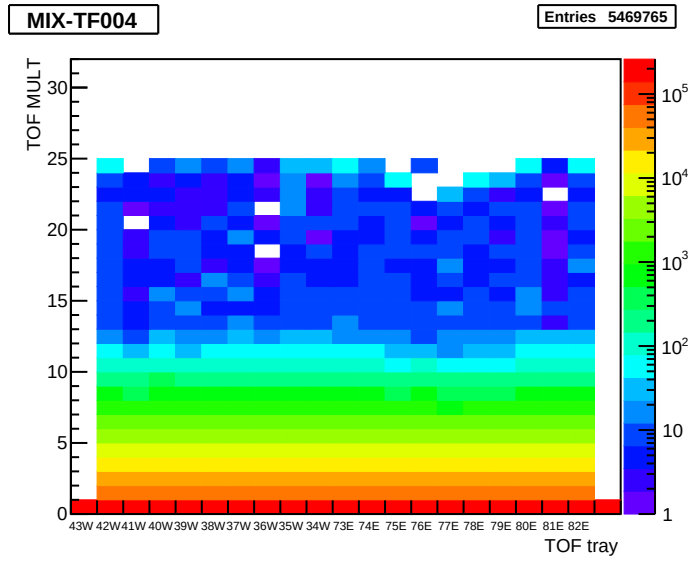

BunchId7Bit (Laser)
Entries 0

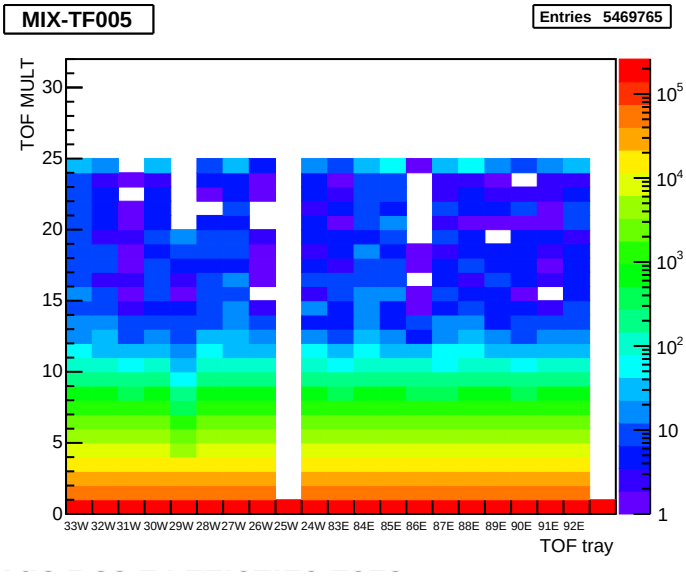

BunchId7Bit (TOFmult window)
Entries 9599

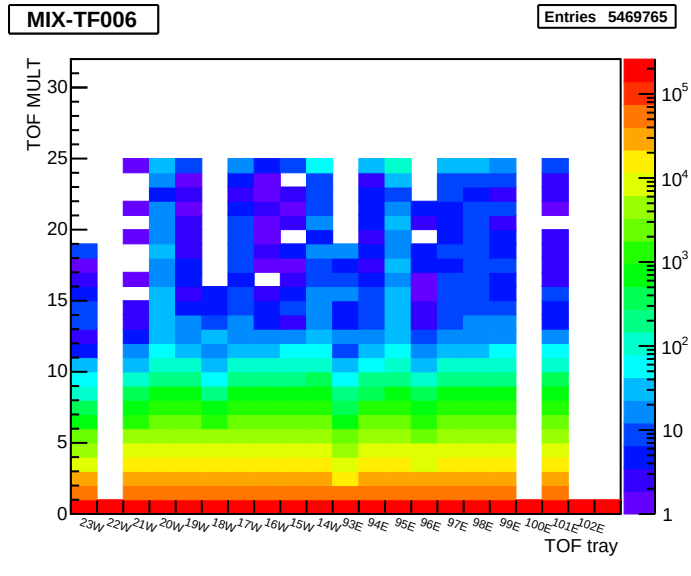

MIX-TF001
Entries 5469765
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

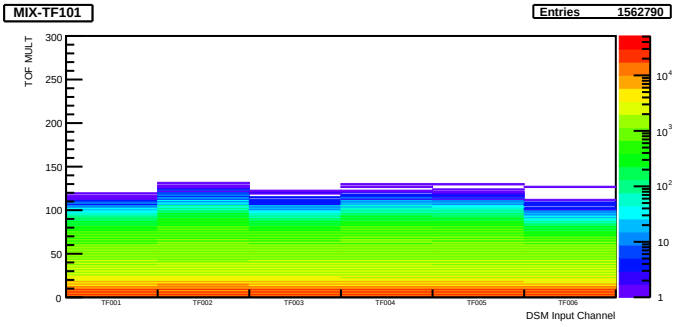

MIX-TF002
Entries 5469765
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

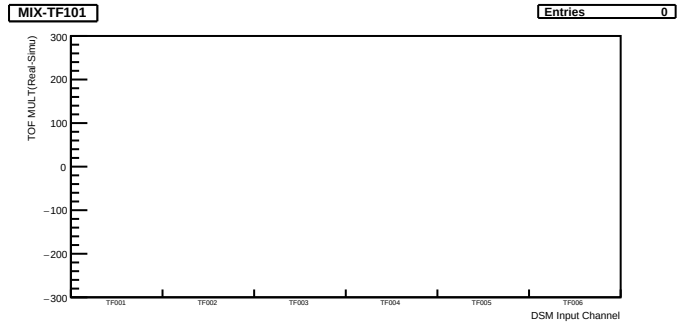

MIX-TF003
Entries 5469765
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

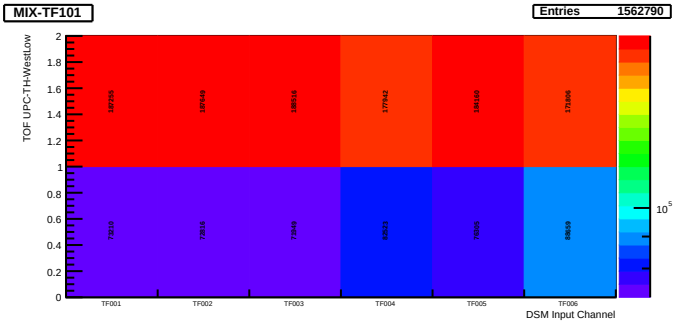

MIX-TF004
Entries 5469765
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

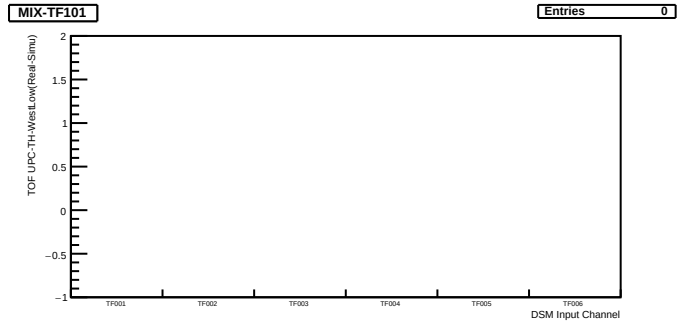

MIX-TF005
Entries 5469765
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

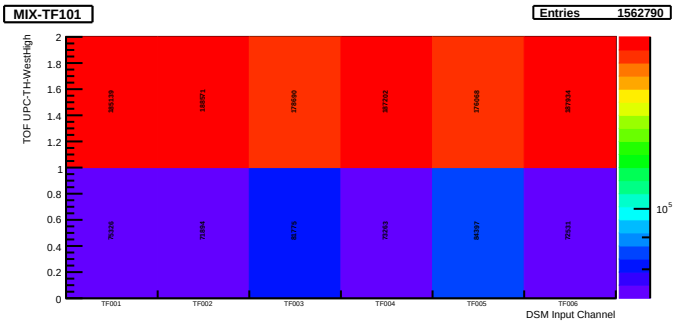

MIX-TF006
Entries 5469765
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

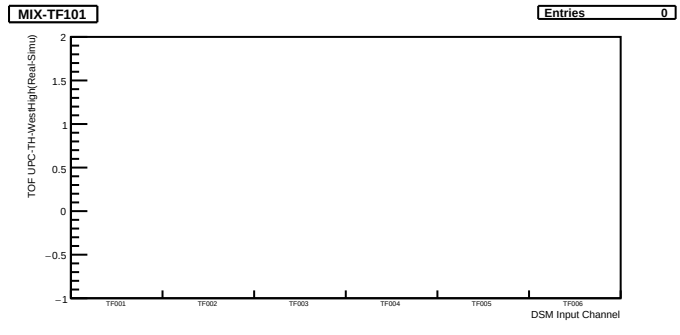

MIX-TF101
Entries 1562790
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

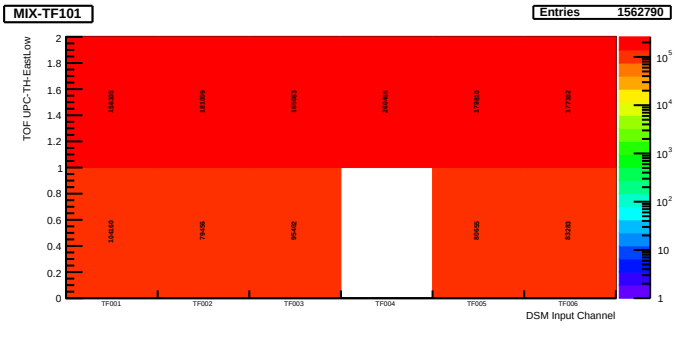

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

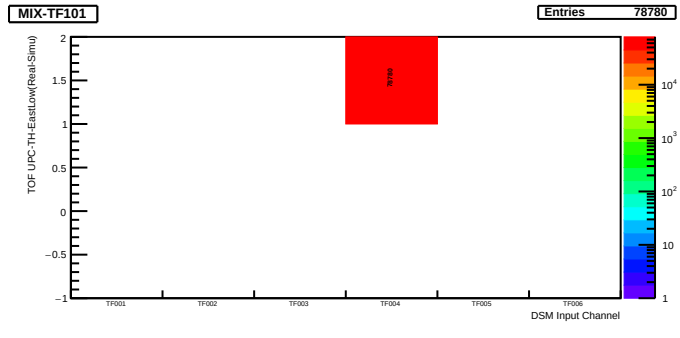

MIX-TF101
Entries 1562790
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

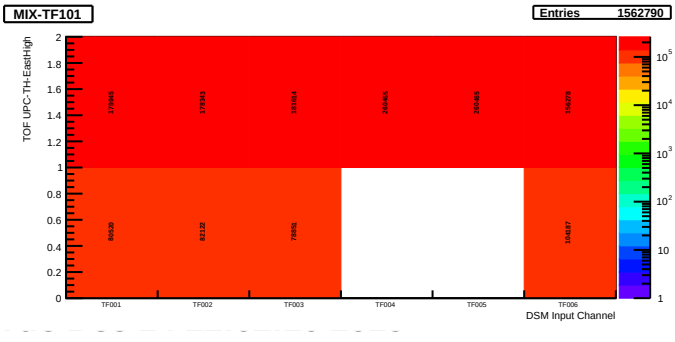

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

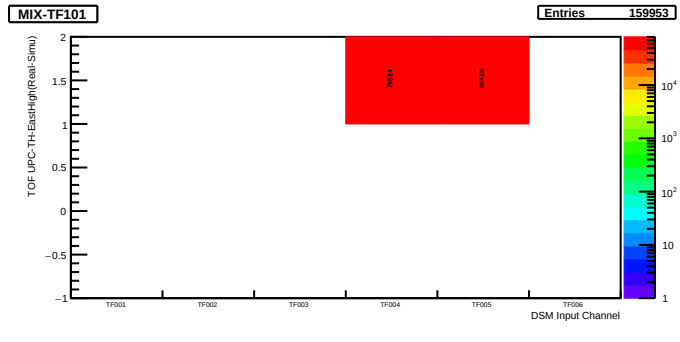

MIX-TF101
Entries 1562790
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

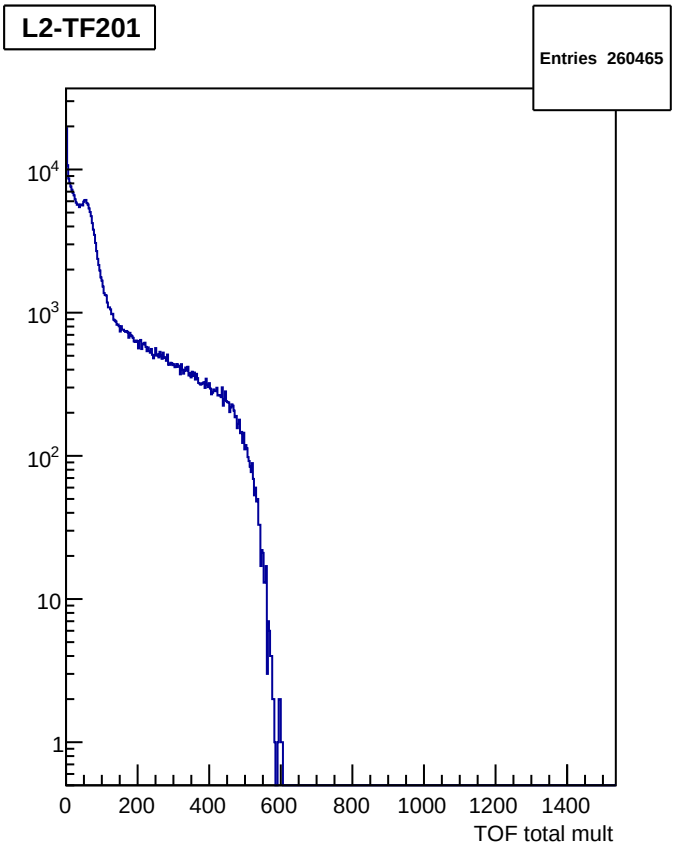

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

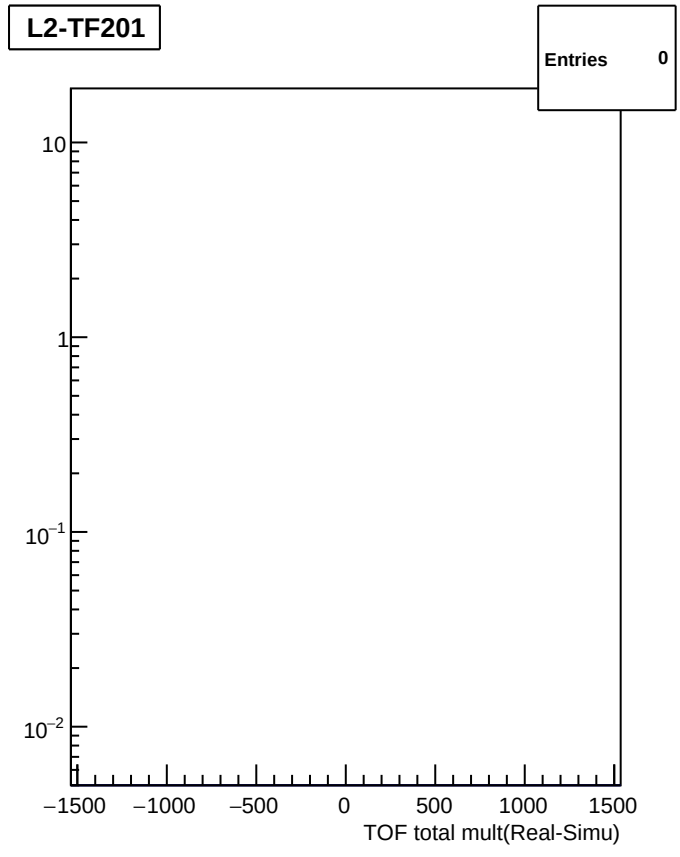

MIX-TF101
Entries 1562790
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

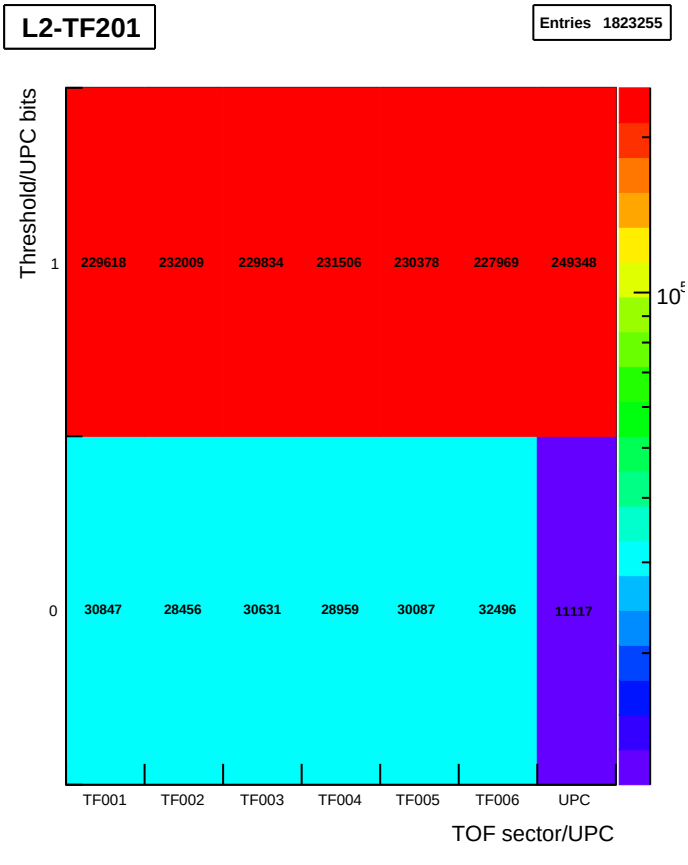

MIX-TF101
Entries 78780
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

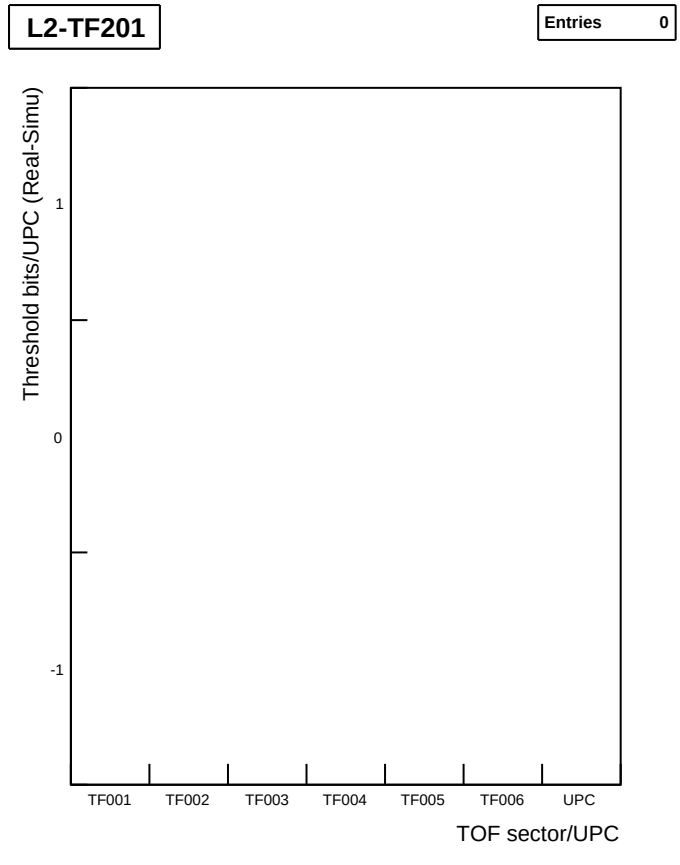

MIX-TF101
Entries 1562790
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

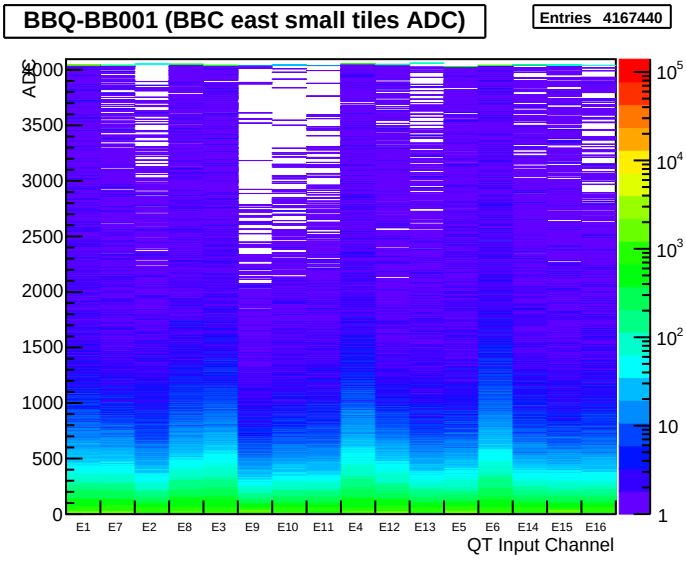

MIX-TF101
Entries 159953
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

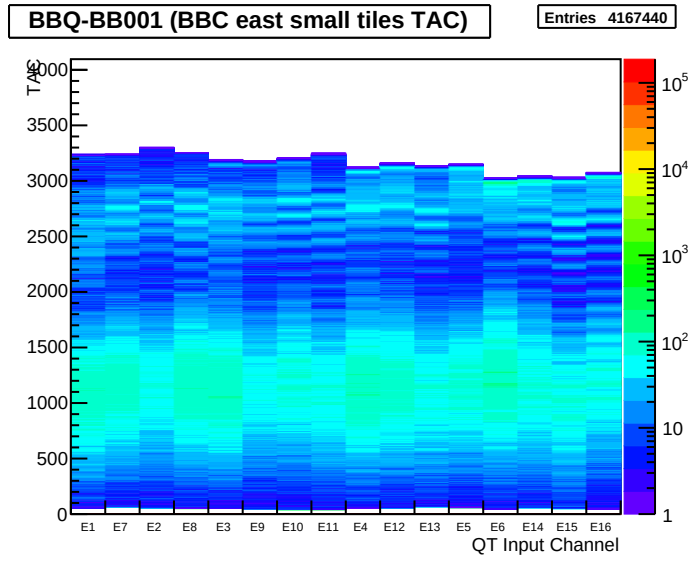

L2-TF201
Entries 260465
TOF total mult

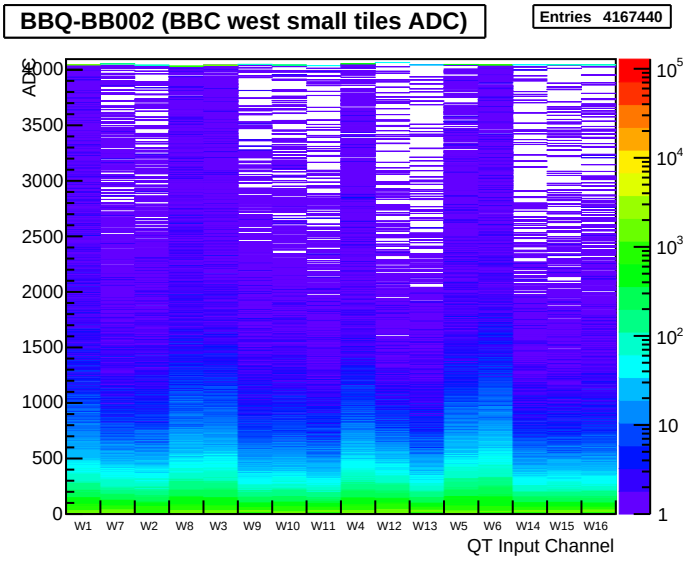

L2-TF201
Entries 0
TOF total mult(Real-Simu)

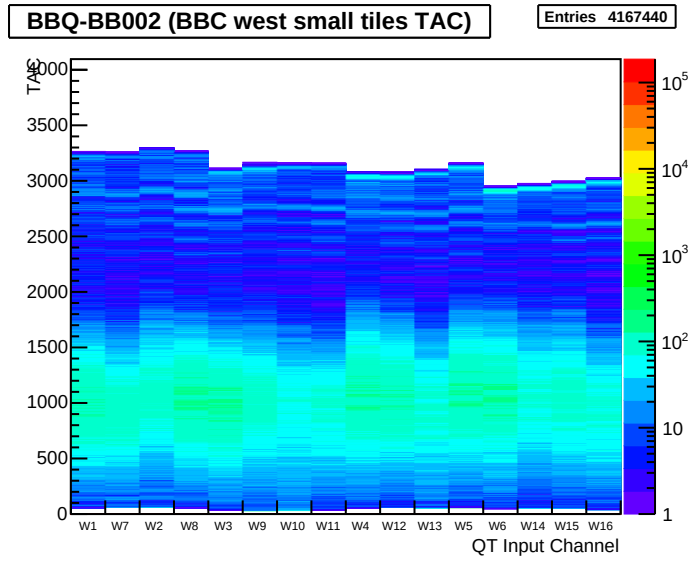

L2-TF201
Entries 1823255
Threshold/UPC bits
229618
232009
229834
231506
230378
227969
249348
30847
28456
30631
28959
30087
32496
11117
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

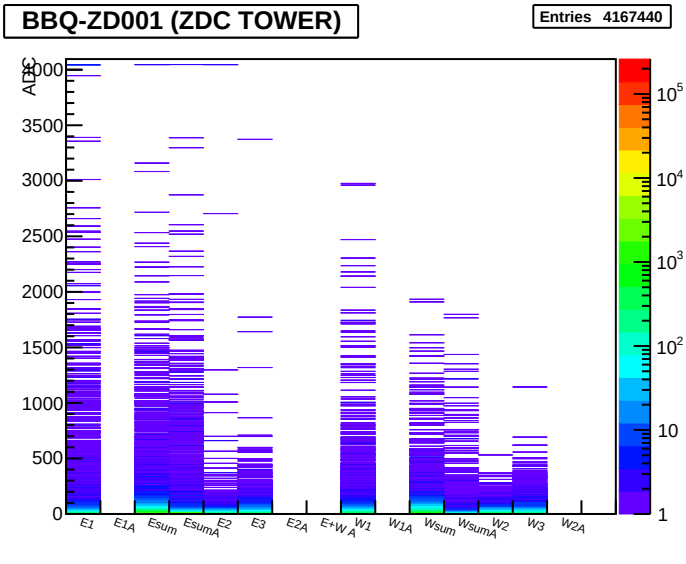

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

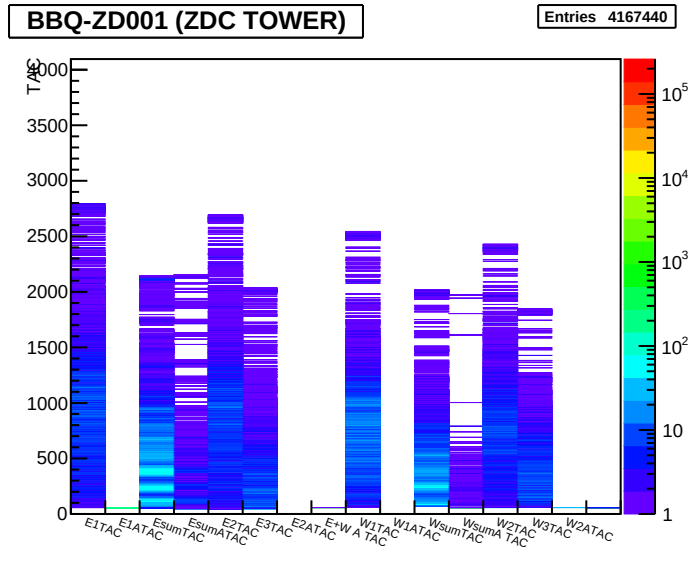

BBQ-BB001 (BBC east small tiles ADC)
Entries 4167440
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

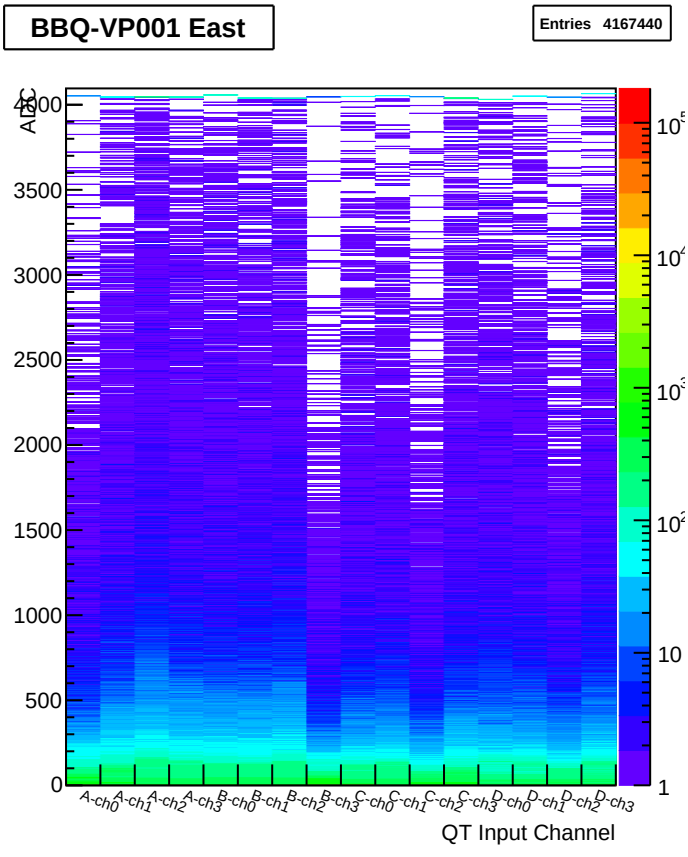

BBQ-BB001 (BBC east small tiles TAC)
Entries 4167440
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

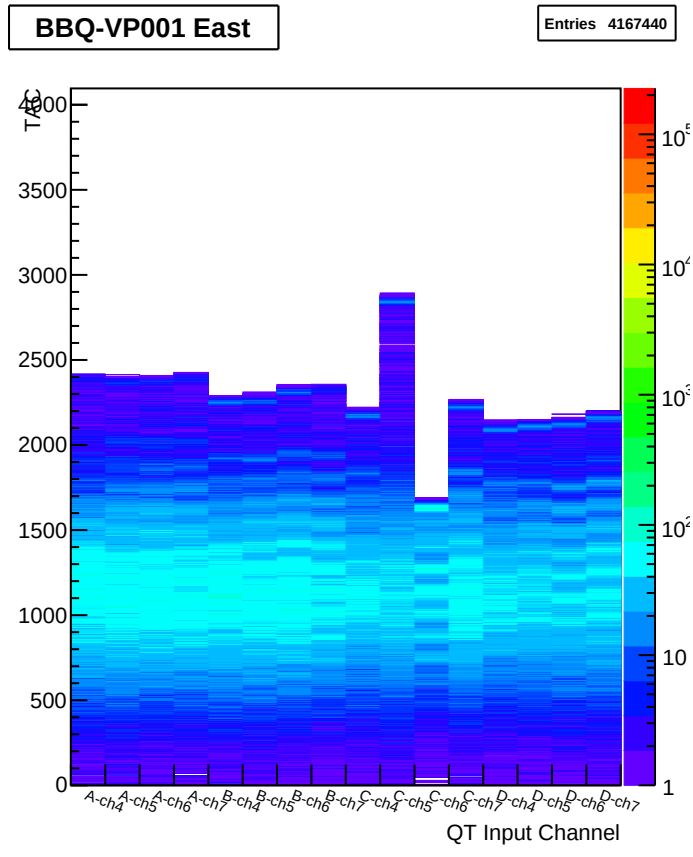

BBQ-BB002 (BBC west small tiles ADC)
Entries 4167440
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

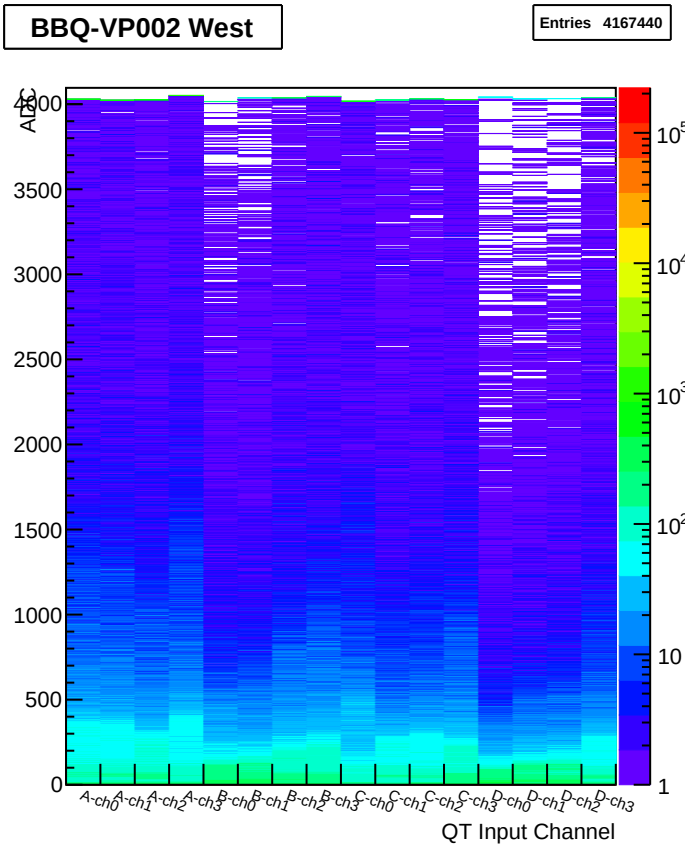

BBQ-BB002 (BBC west small tiles TAC)
Entries 4167440
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

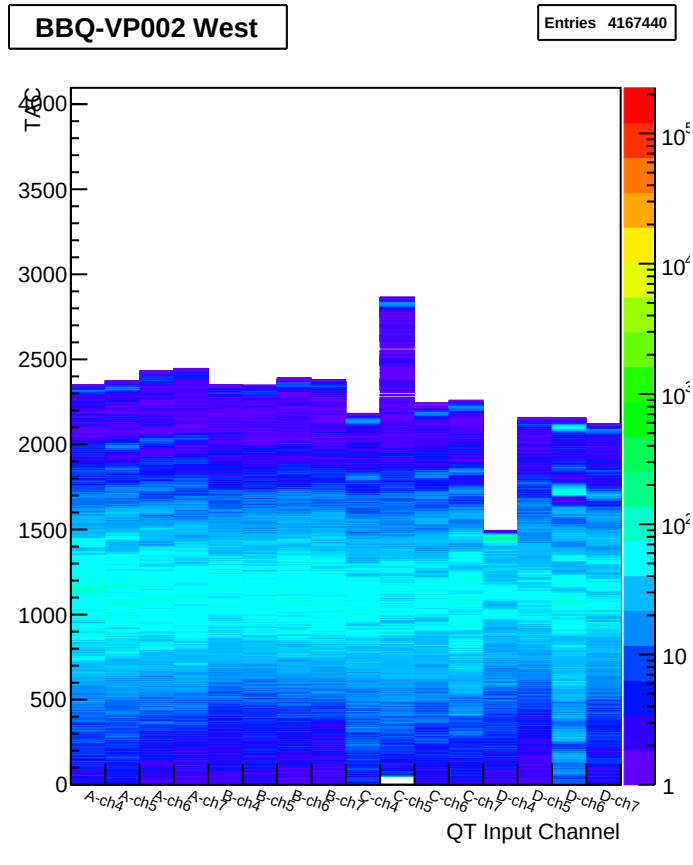

BBQ-ZD001 (ZDC TOWER)
Entries 4167440
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

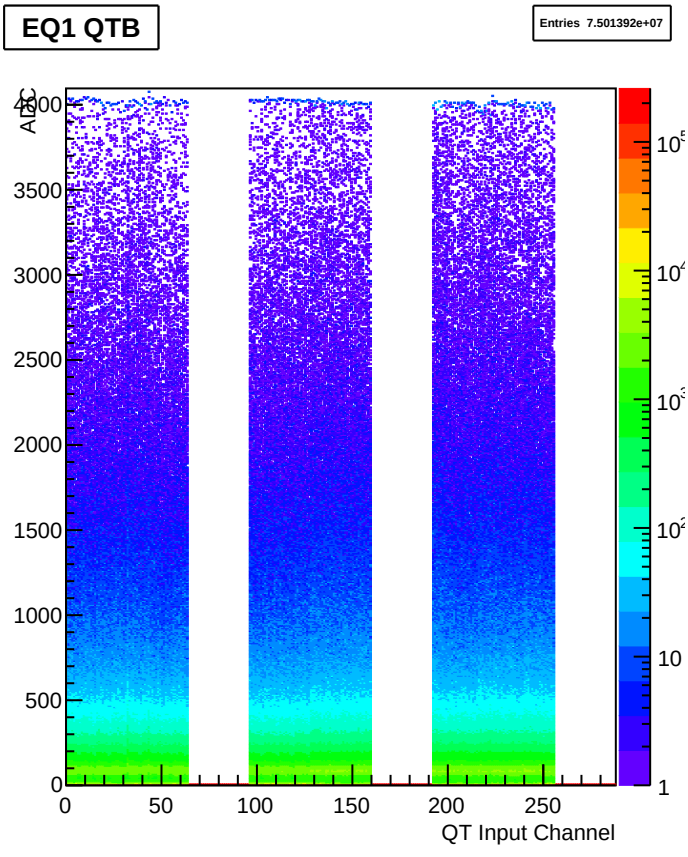

BBQ-ZD001 (ZDC TOWER)
Entries 4167440
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

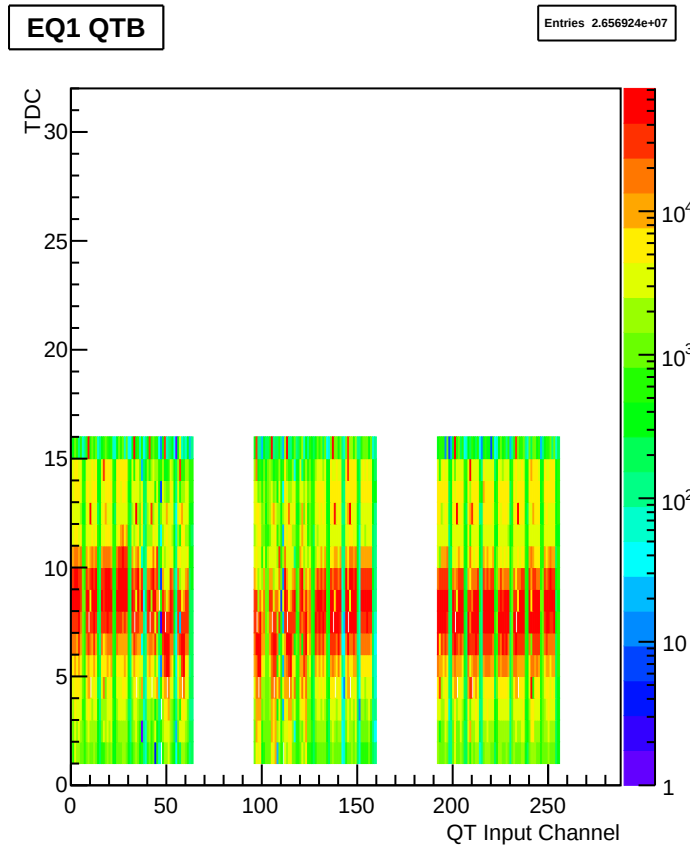

BBQ-VP001 East
Entries 4167440
ADC
QT Input Channel

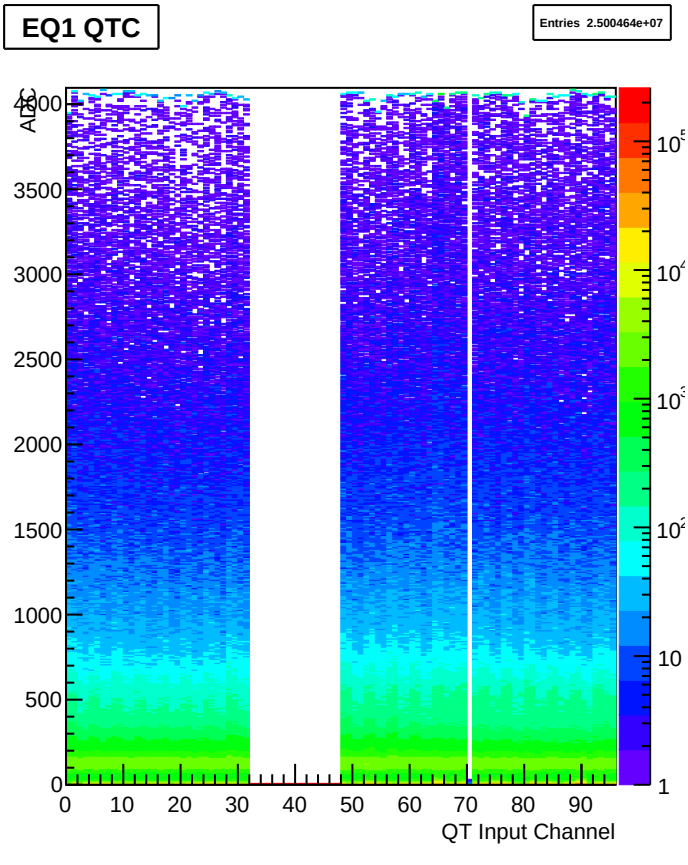

BBQ-VP001 East
Entries 4167440
TADC
QT Input Channel

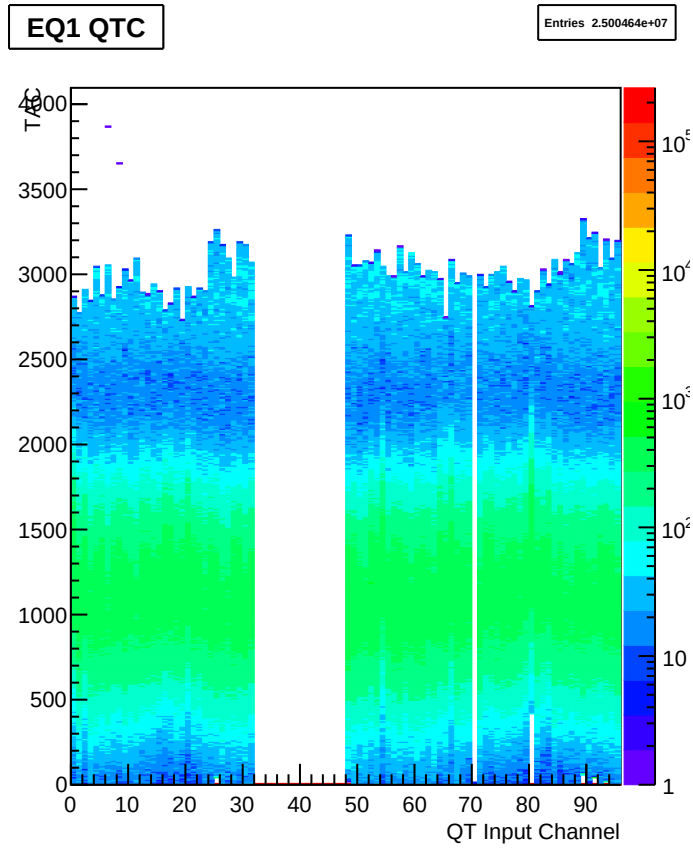

BBQ-VP002 West
Entries 4167440
ADC
QT Input Channel

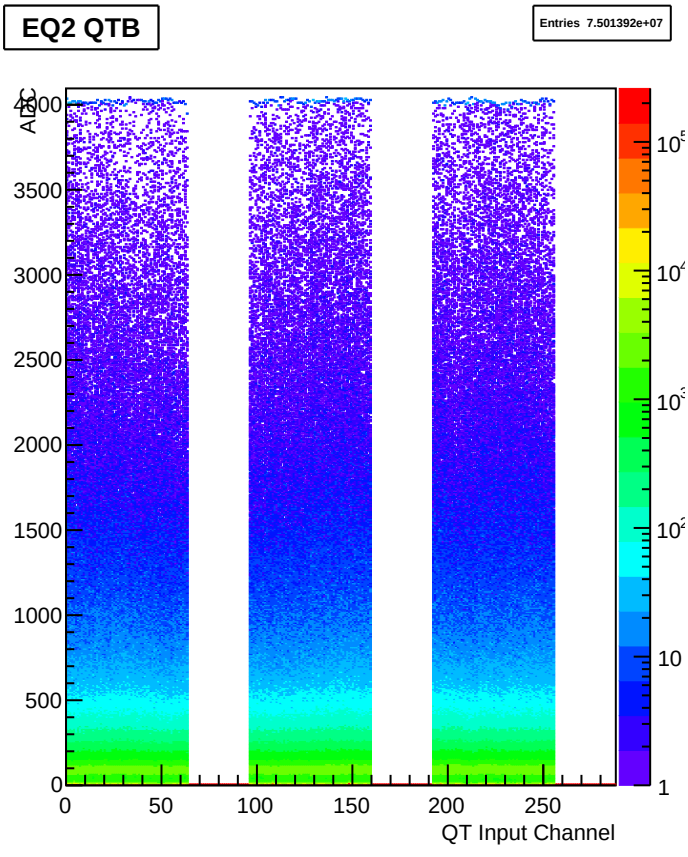

BBQ-VP002 West
Entries 4167440
TADC
QT Input Channel

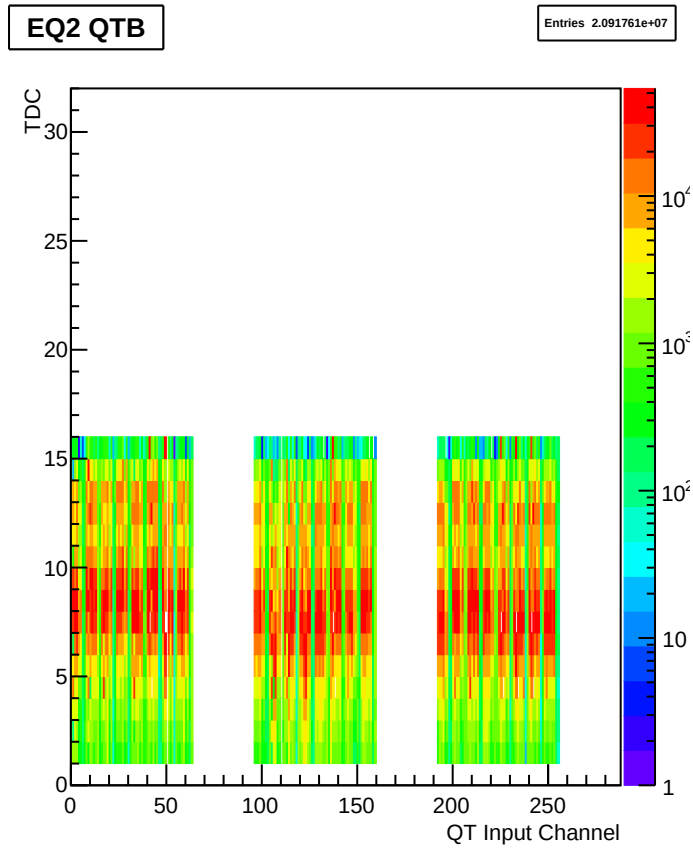

EQ1 QTB
Entries 7.501392e+07
ADC
QT Input Channel

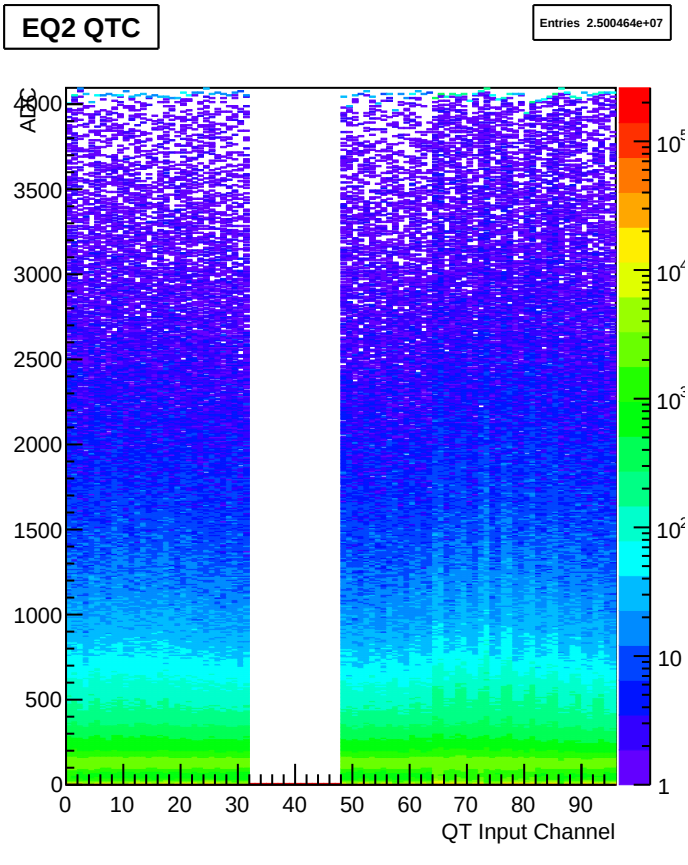

EQ1 QTB
Entries 2.656924e+07
TDC
QT Input Channel

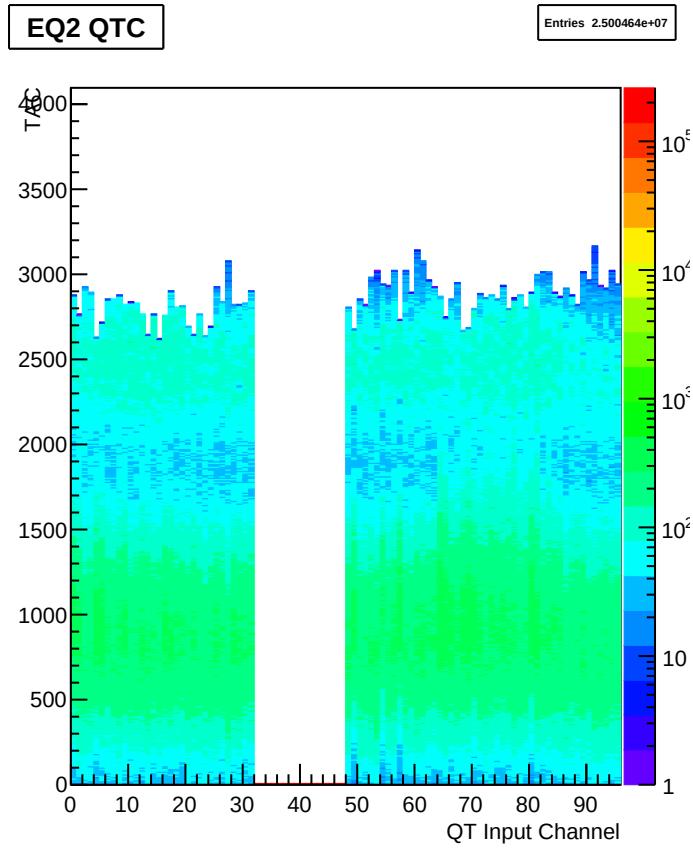

EQ1 QTC
Entries 2.500464e+07
ADC
QT Input Channel

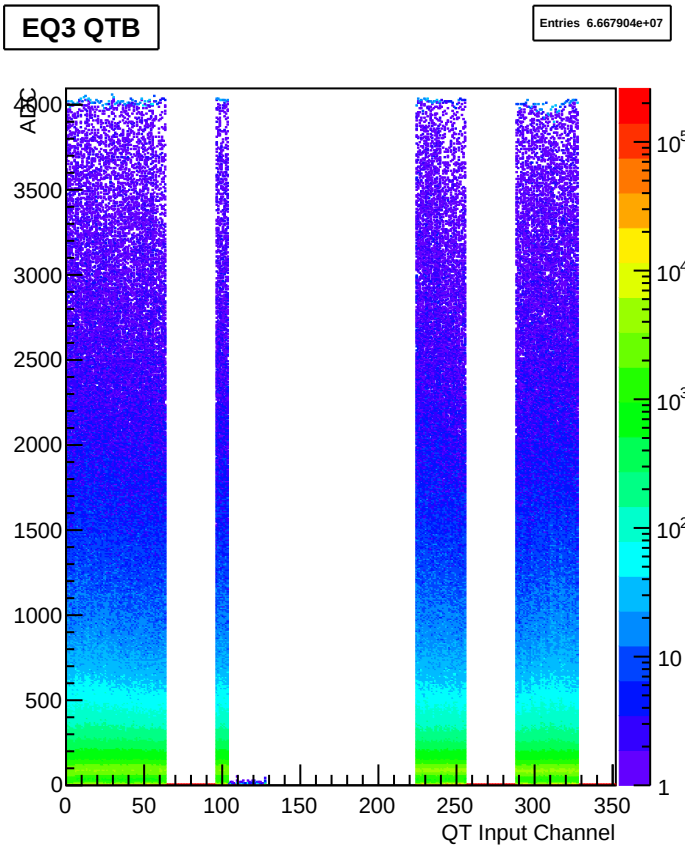

EQ1 QTC
Entries 2.500464e+07
TADC
QT Input Channel

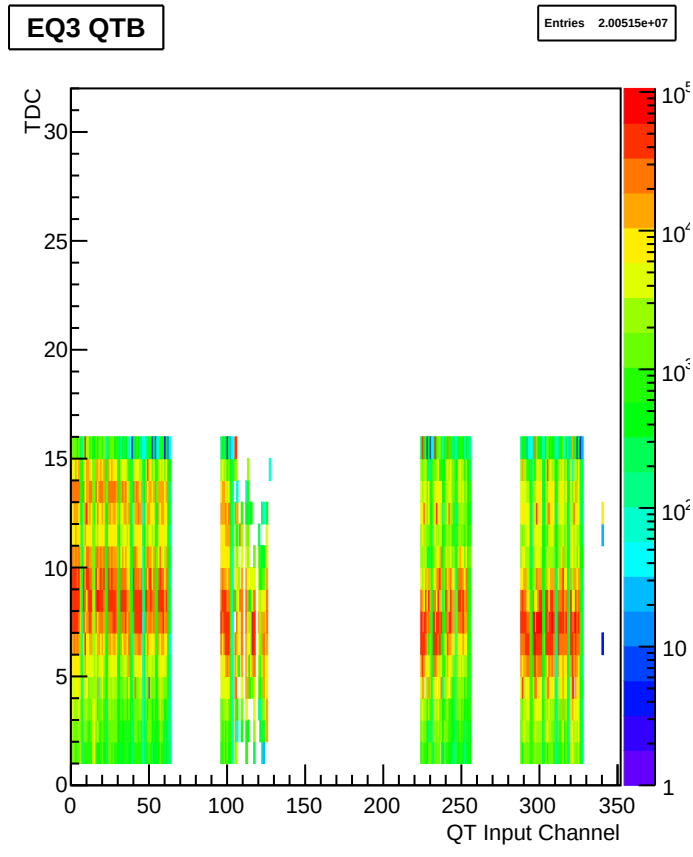

EQ2 QTB
Entries 7.501392e+07
ADC
QT Input Channel

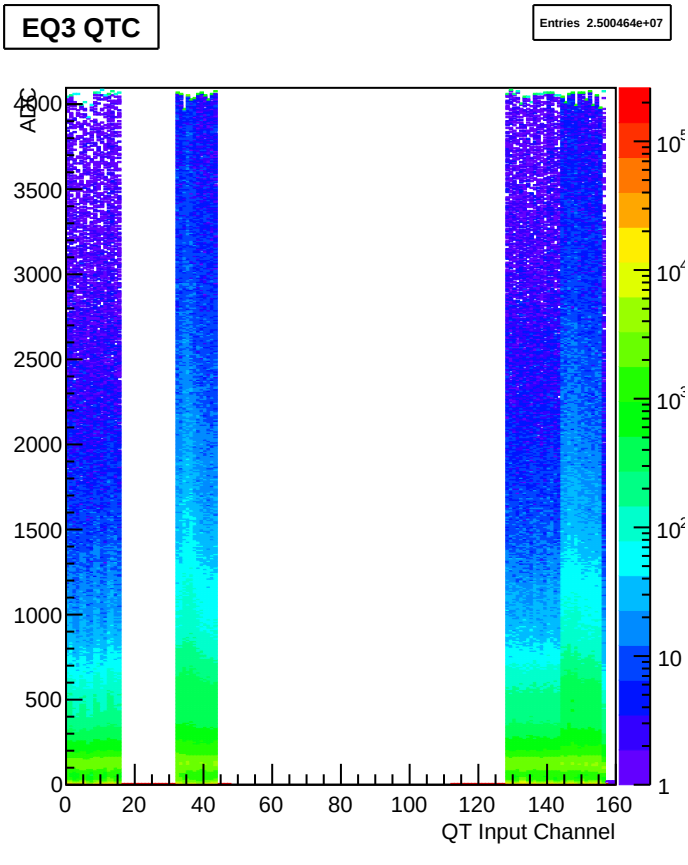

EQ2 QTB
Entries 2.091761e+07
TDC
QT Input Channel

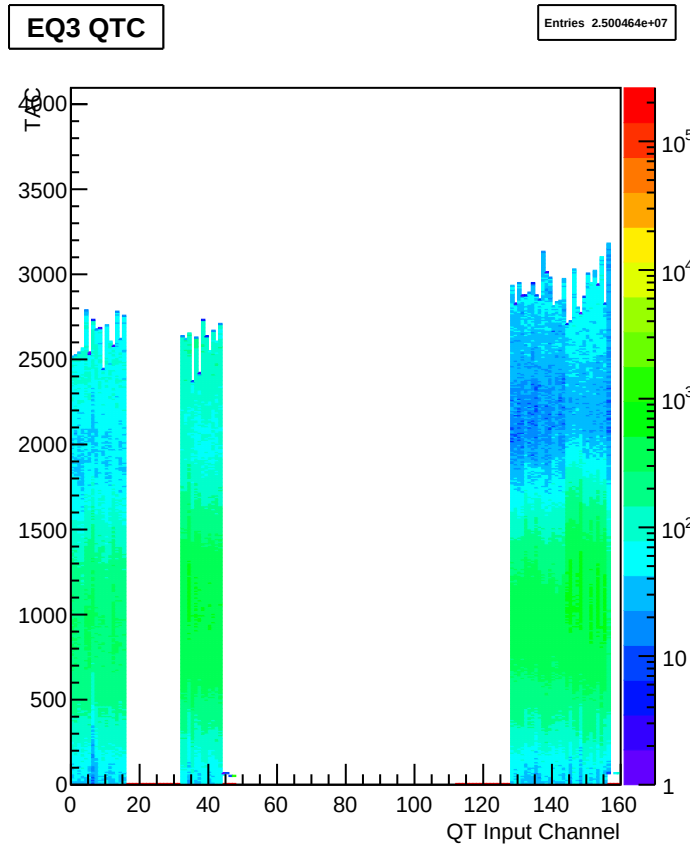

EQ2 QTC
Entries 2.500464e+07
ADC
QT Input Channel

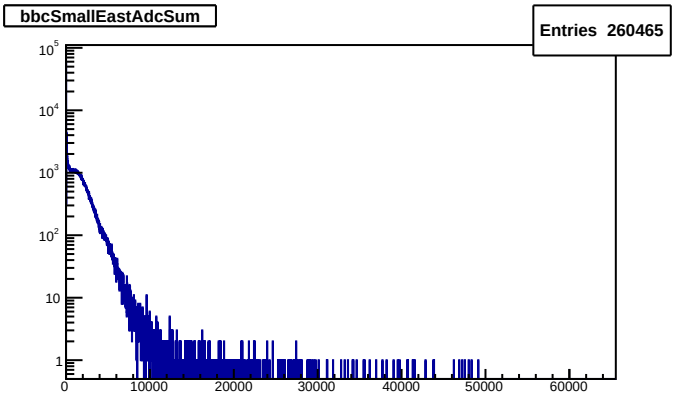

EQ2 QTC
Entries 2.500464e+07
TADC
QT Input Channel

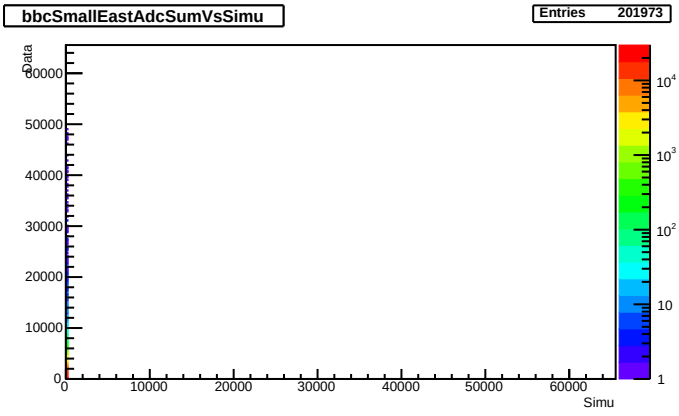

EQ3 QTB
Entries 6.667904e+07
ADC
QT Input Channel

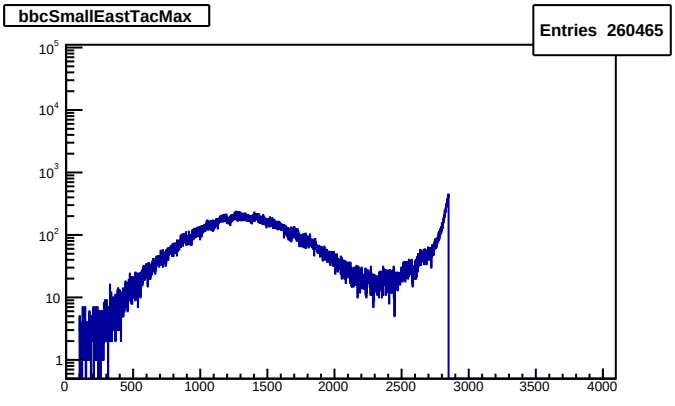

EQ3 QTB
Entries 2.00515e+07
TDC
QT Input Channel

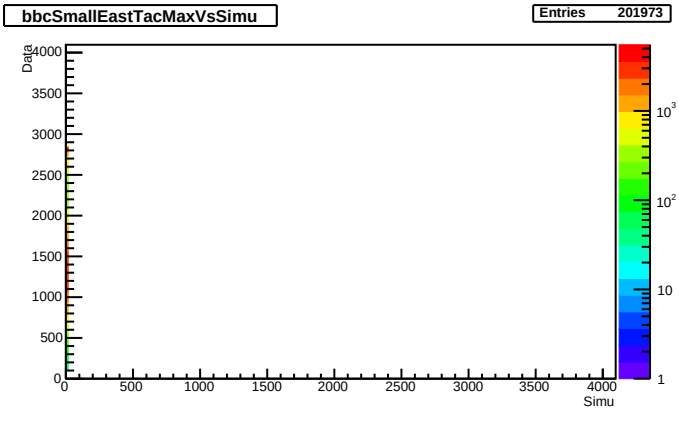

EQ3 QTC
Entries 2.500464e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.500464e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 260465


bbcSmallEastAdcSumVsSimu
Entries 201973
Data
Simu


bbcSmallEastTacMax
Entries 260465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Entries 201973
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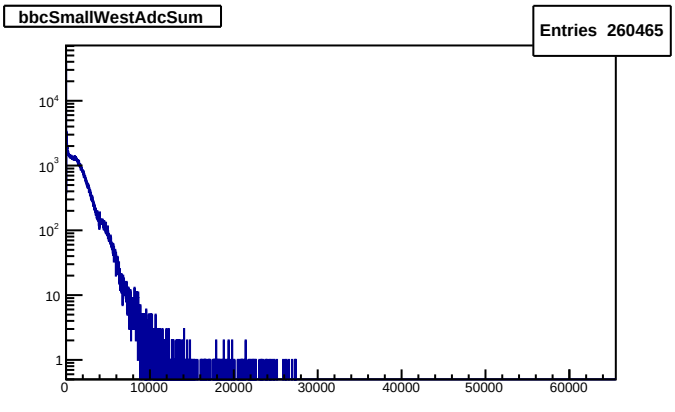
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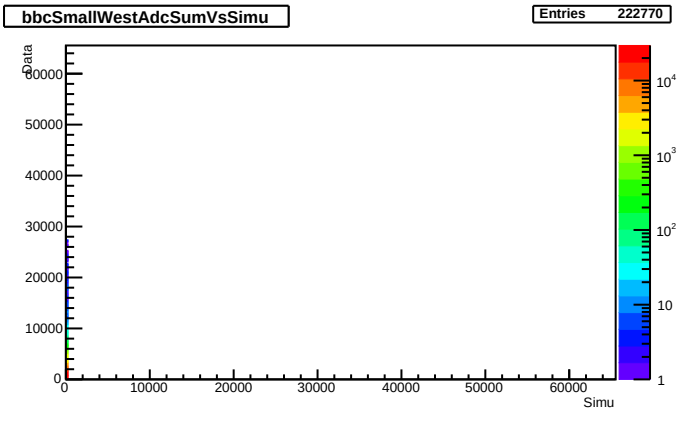
Entries 260465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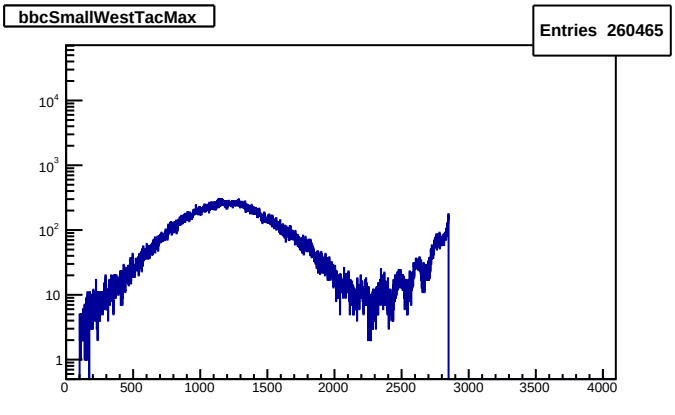
Entries 222770
Data
Simu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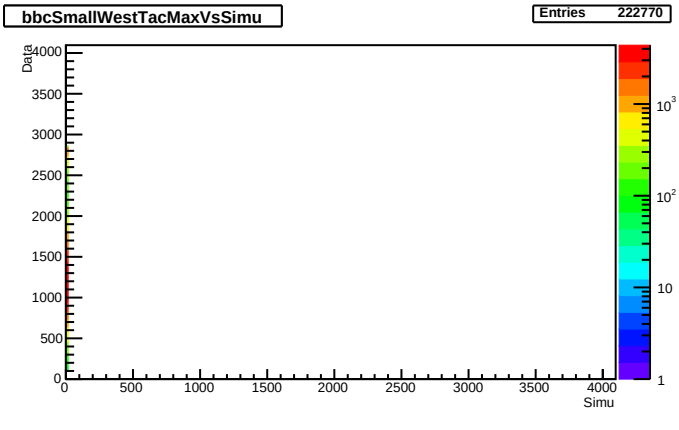
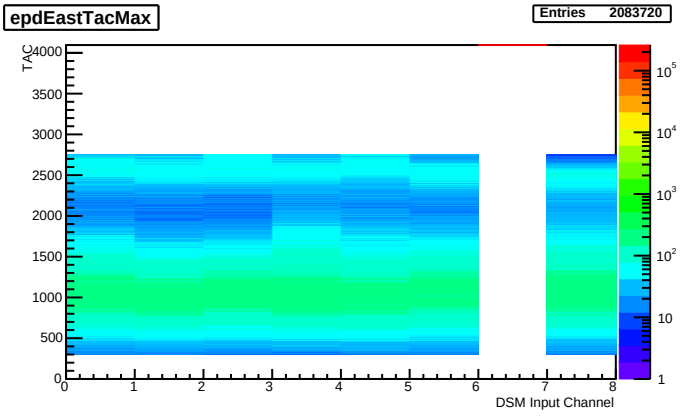
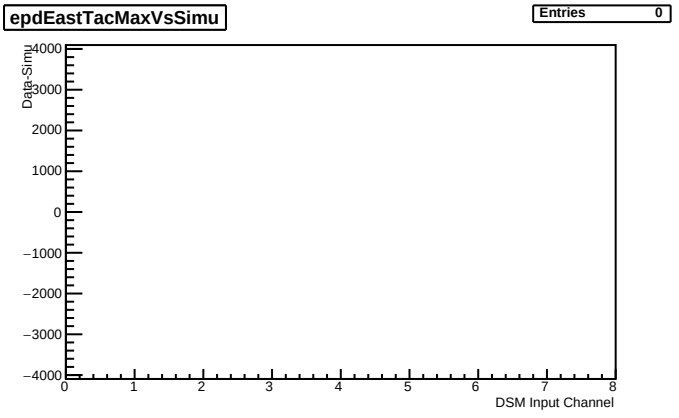
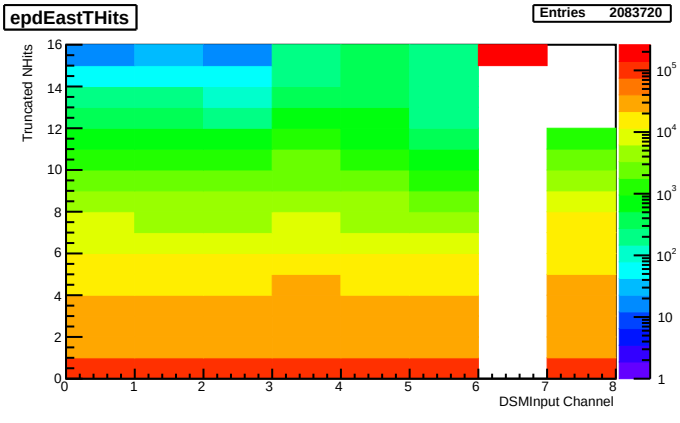
Entries 260465


bbcSmallWestTacMaxVsSimu
Entries 222770
Data
Simu


epdEastTacMax
Entries 2083720
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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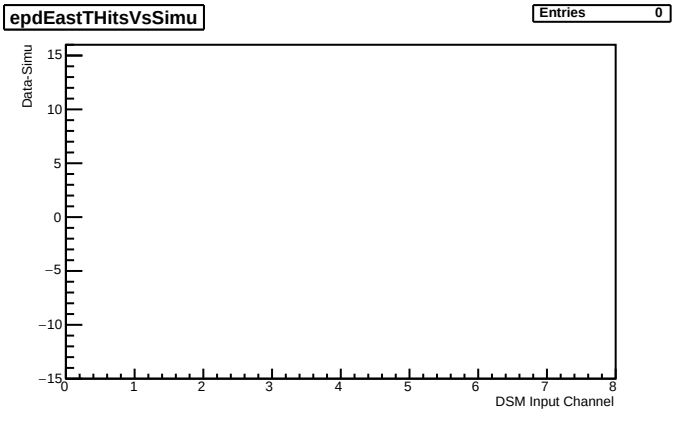
Entries 2083720
Truncated NHits
DSMInput Channel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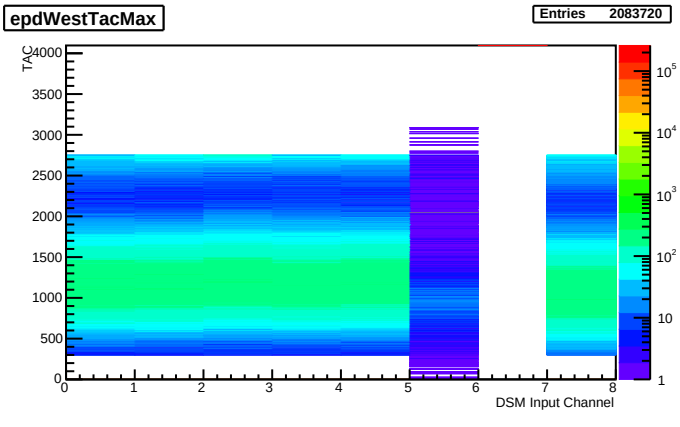
DSM Input Channel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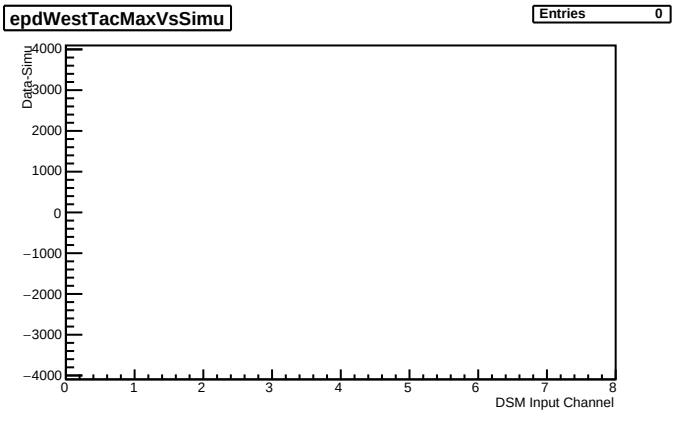
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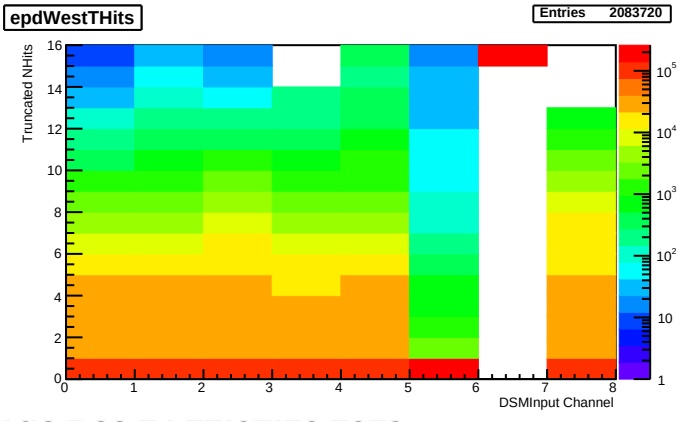
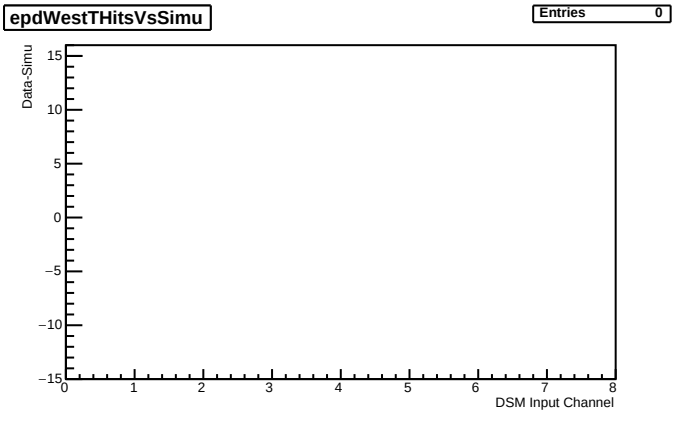
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2083720
Truncated NHits
DSMInput Channel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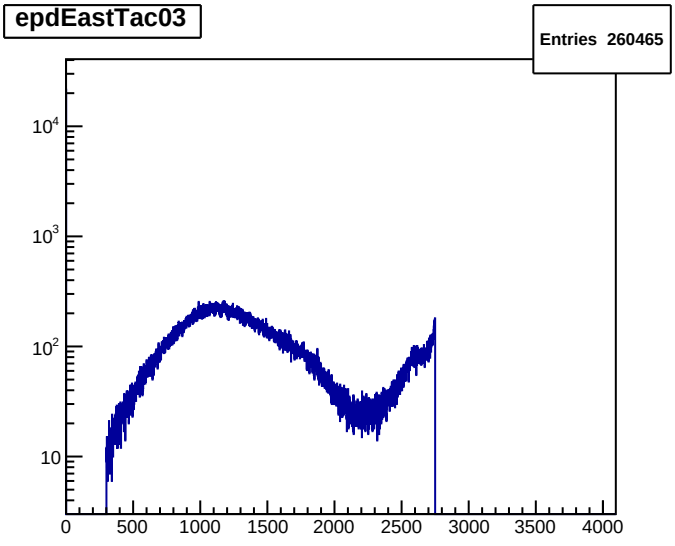
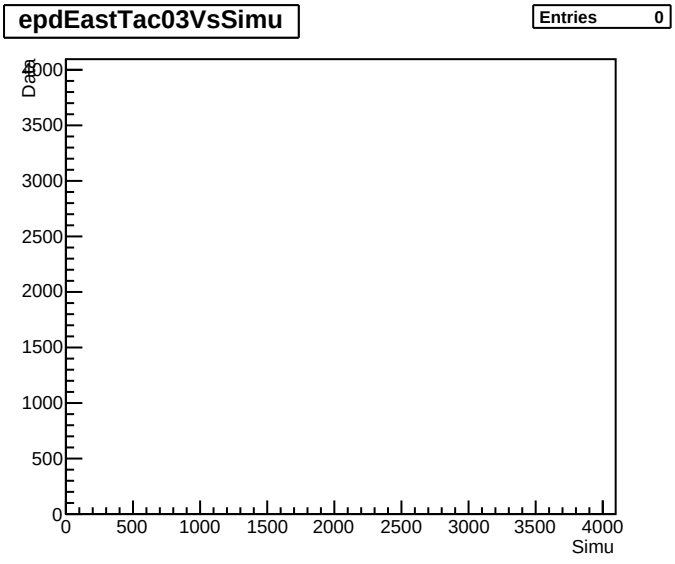
Data-Simu
DSM Input Channel


epdEastTac03
Entries 260465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Data
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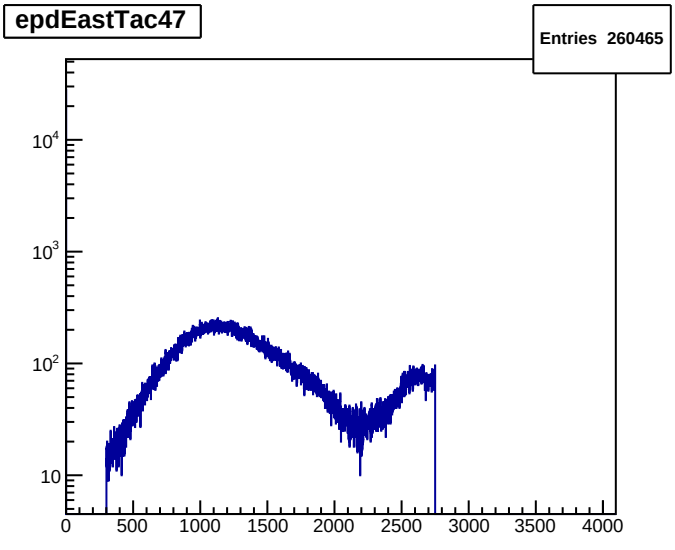
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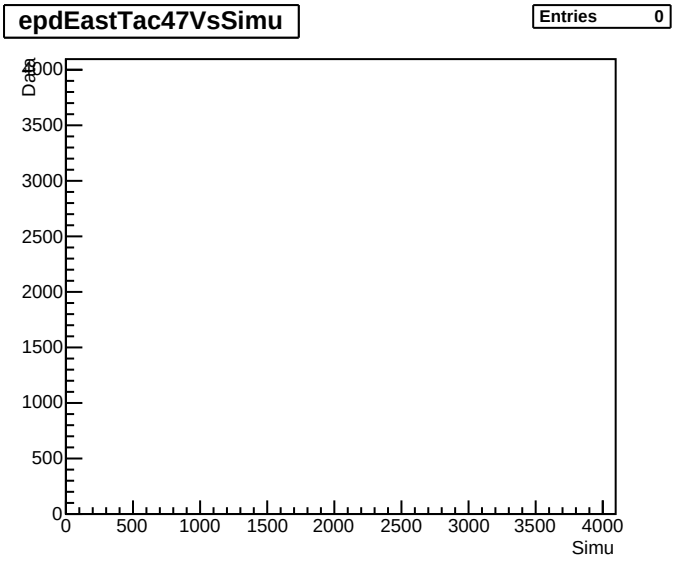
Entries 260465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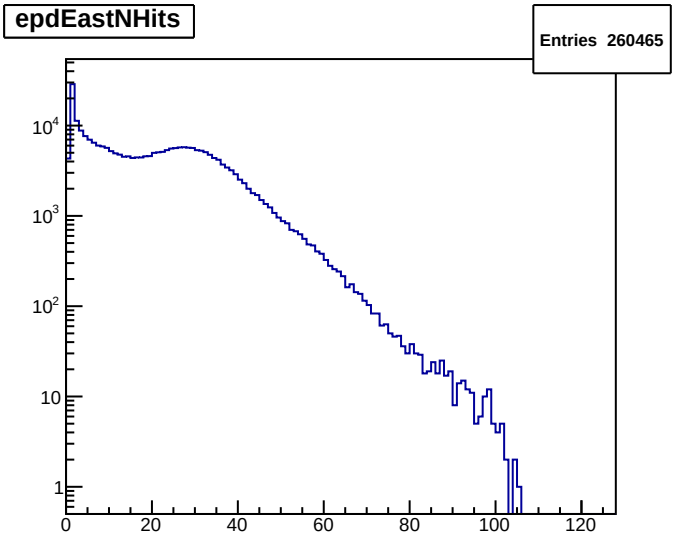
Entries 0
Data
Simu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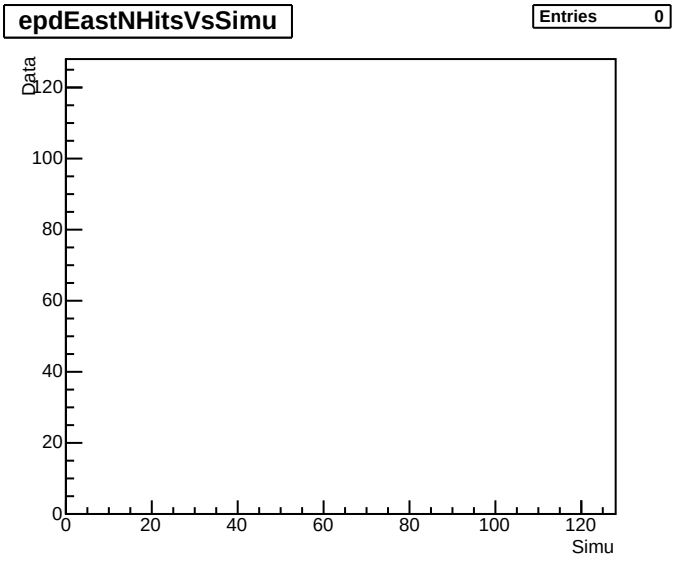
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Data
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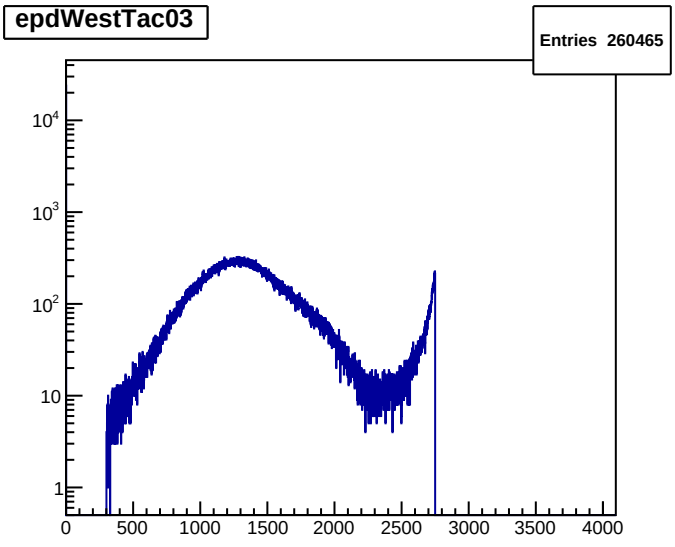
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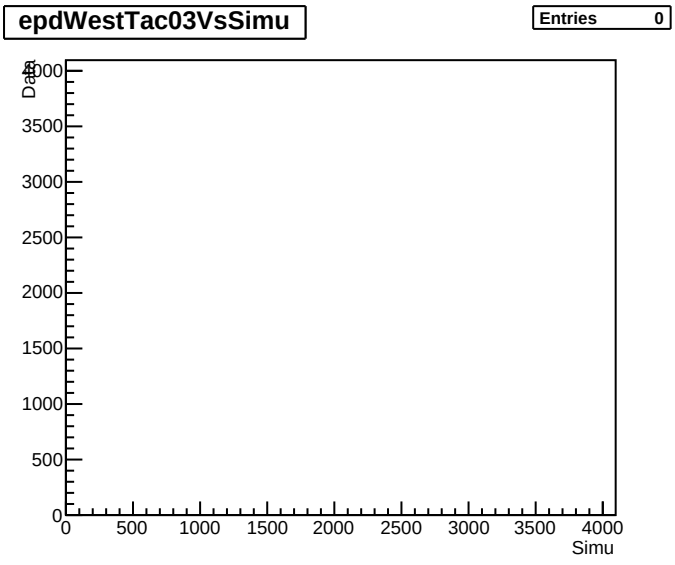
Entries 260465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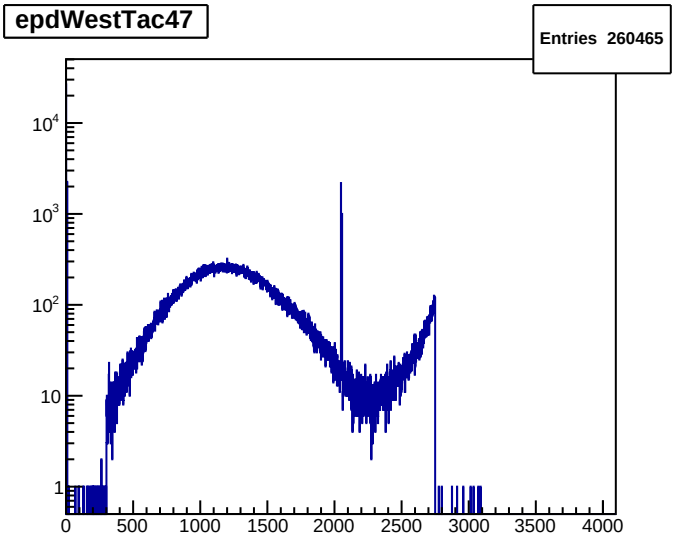
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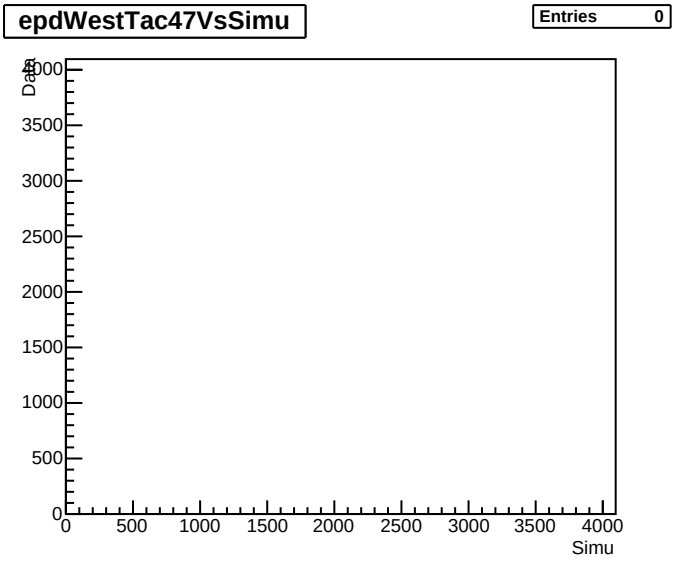
Entries 260465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Data
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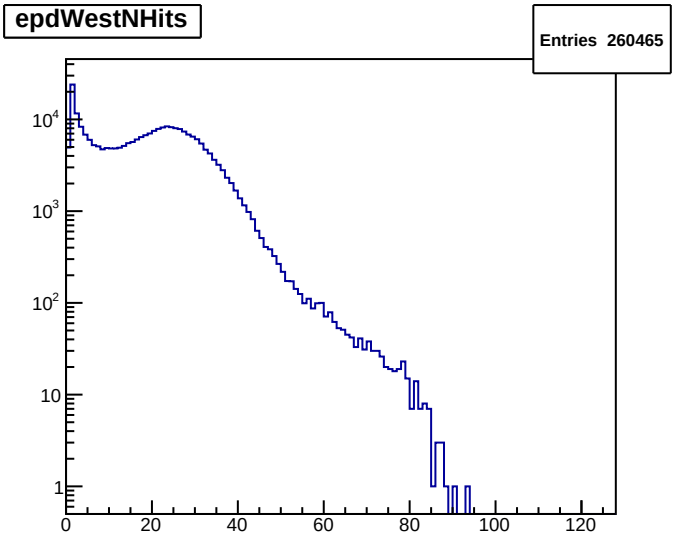
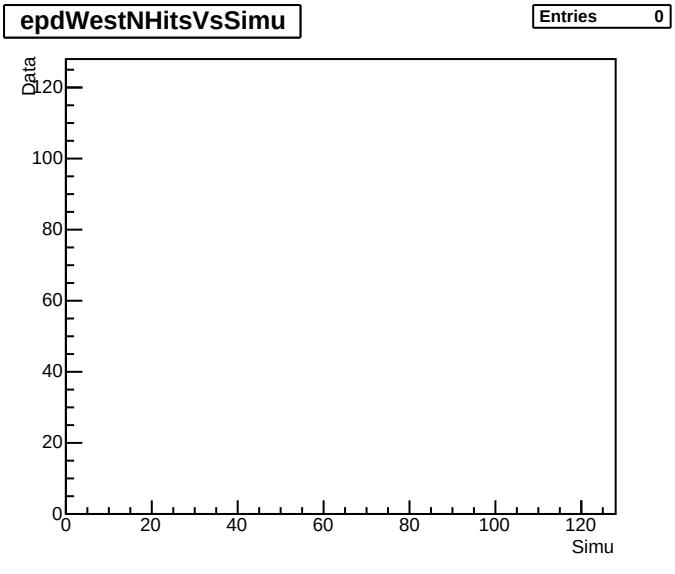

epdWestNHits
Entries 260465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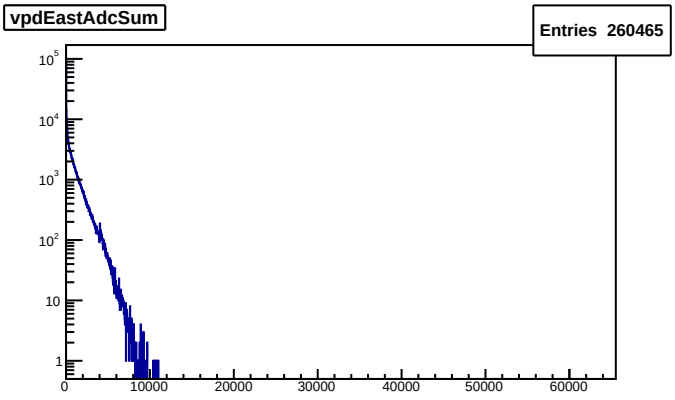
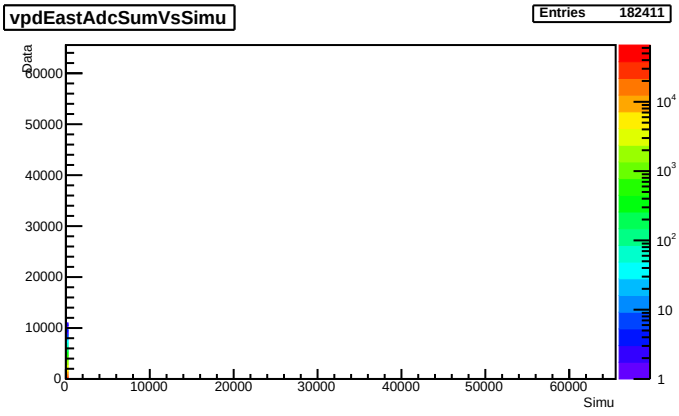
Entries 0
Data
Simu


vpdEastAdcSum
Entries 260465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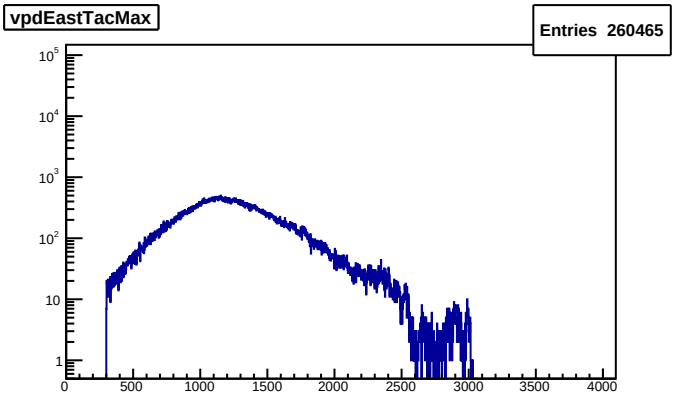
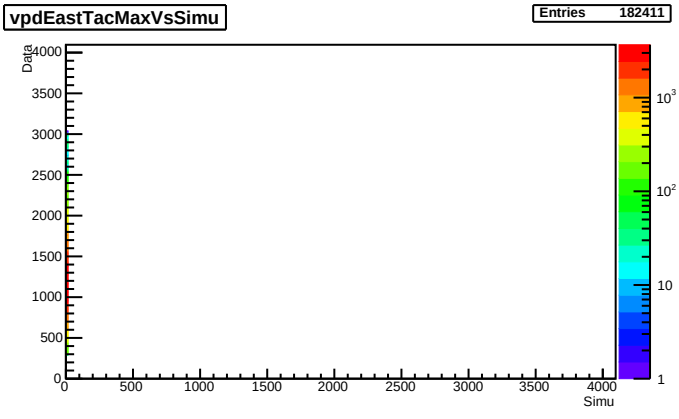
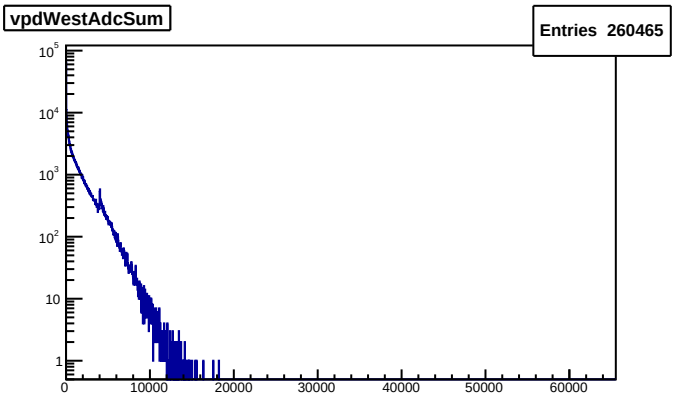
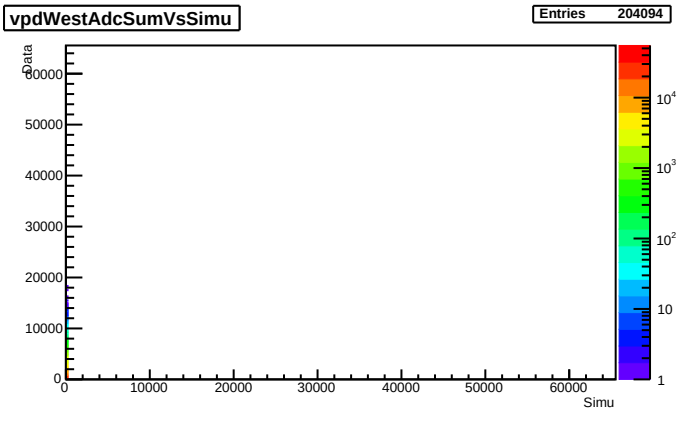
Entries 182411
Data
Simu


vpdEastTacMax
Entries 260465


vpdEastTacMaxVsSimu
Entries 182411
Data
Simu


vpdWestAdcSum
Entries 260465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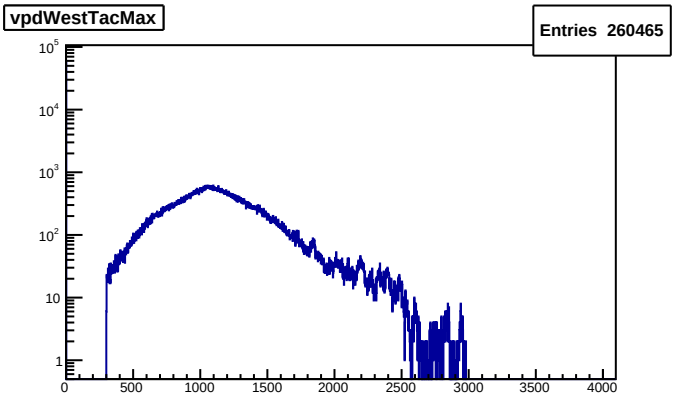
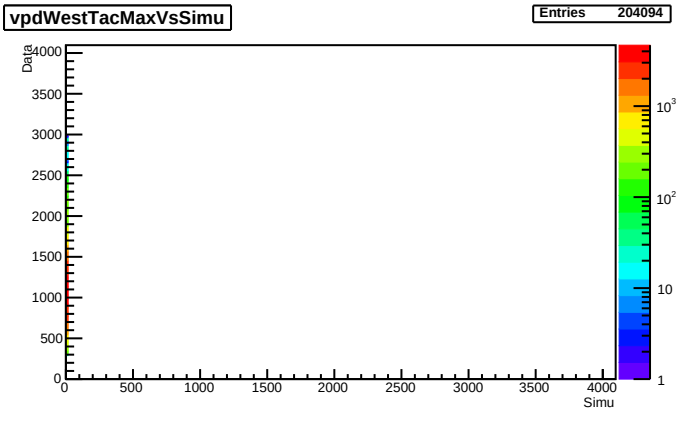
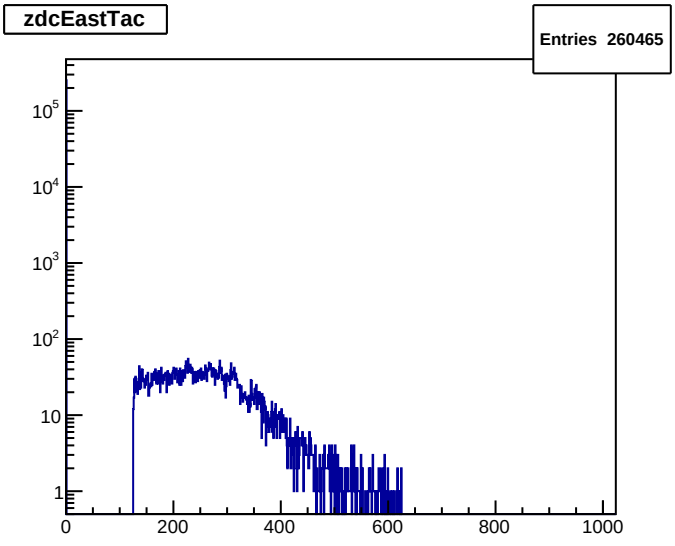
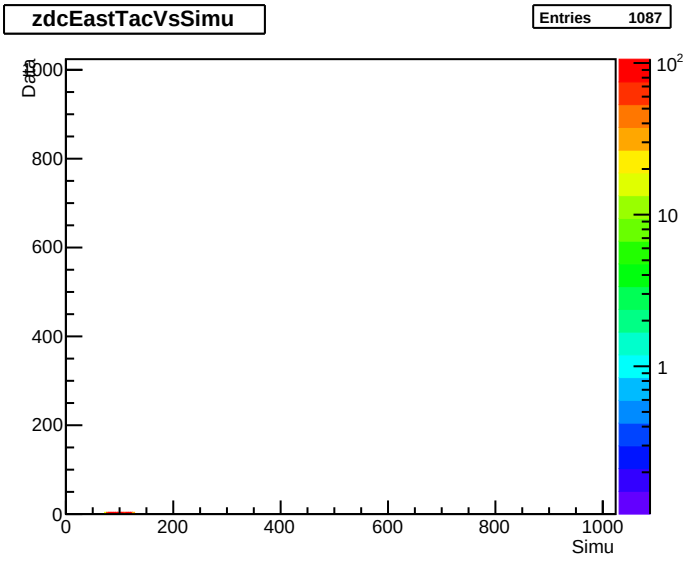
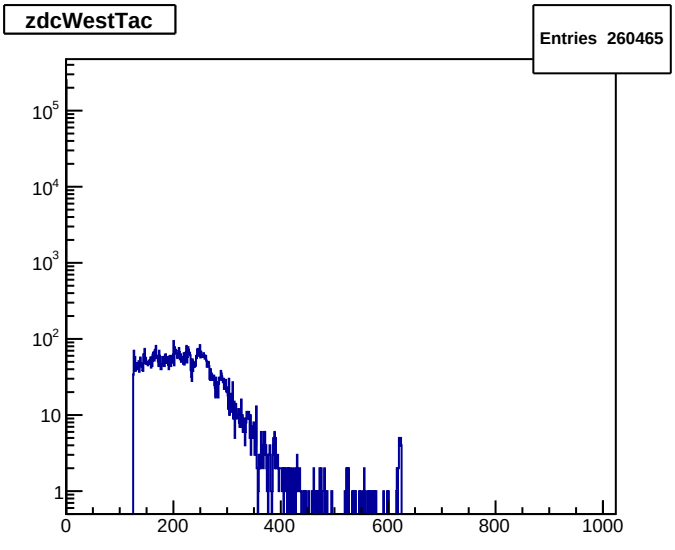
Entries 204094
Data
Simu

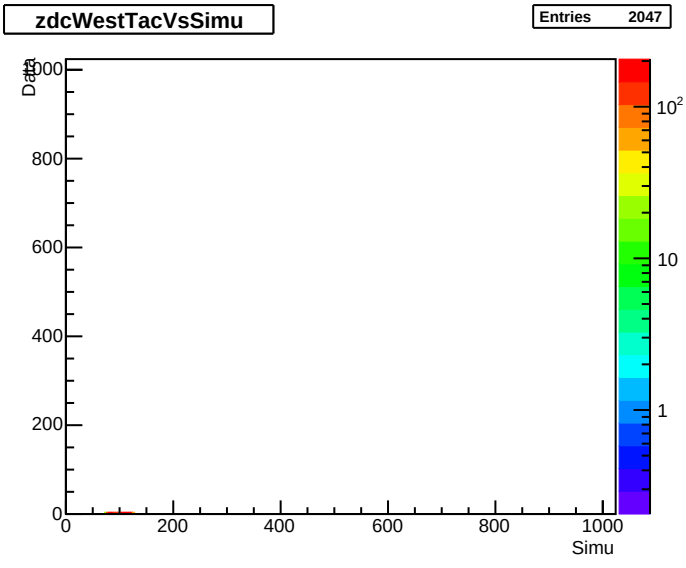

vpdWestTacMax
Entries 260465

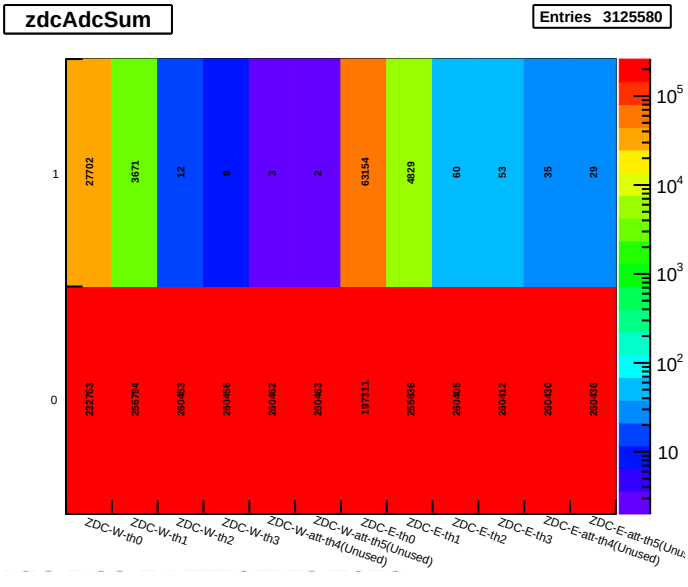

vpdWestTacMaxVsSimu
Entries 204094
Data
Simu

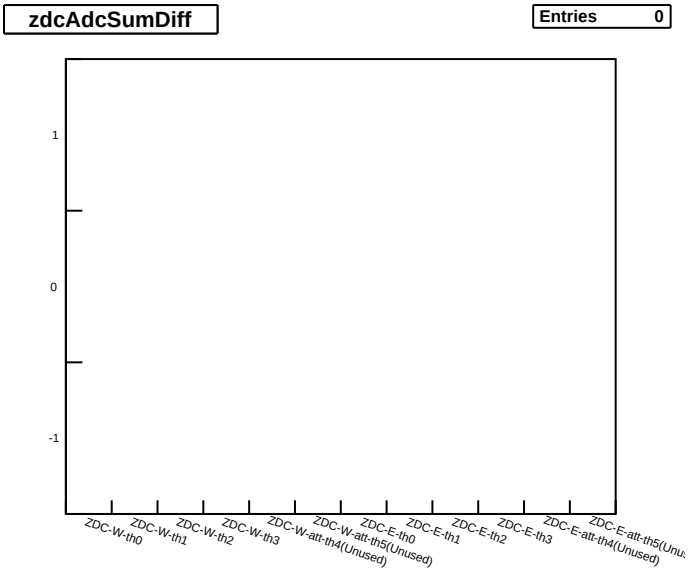

zdcEastTac
Entries 260465

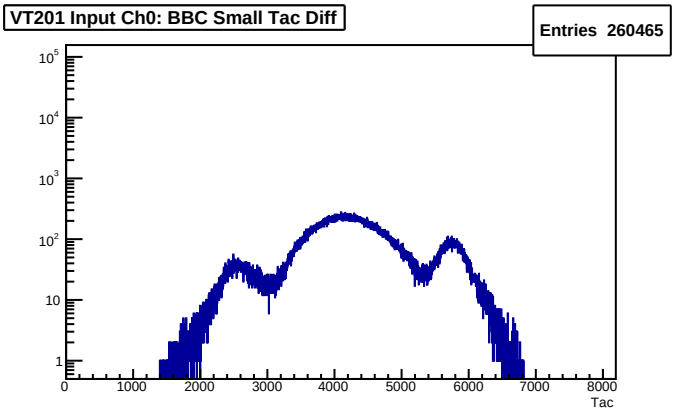

zdcEastTacVsSimu
Entries 1087
Data
Simu

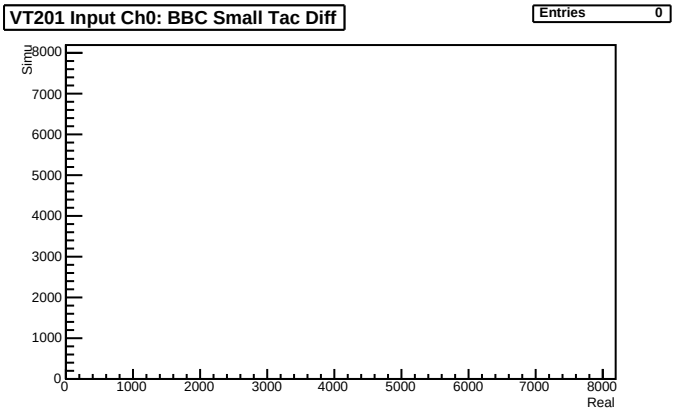

zdcWestTac
Entries 260465

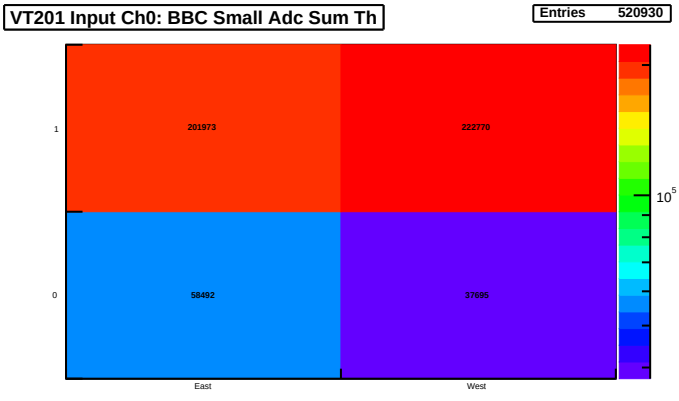

zdcWestTacVsSimu
Entries 2047
Data
Simu

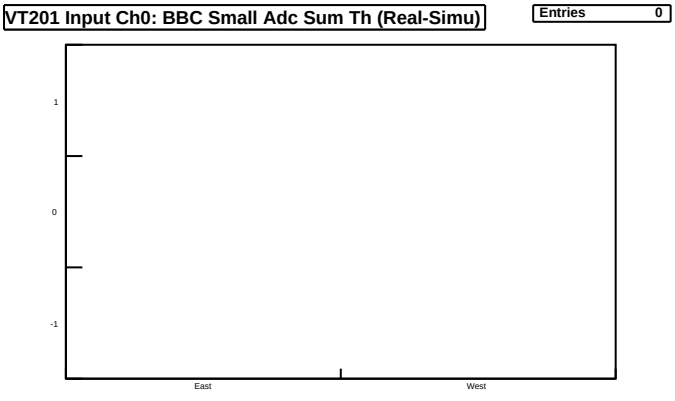

zdcAdcSum
Entries 3125580
27702
3671
12
9
3
2
63154
4829
60
53
35
29
232763
256794
260453
260456
260462
260463
197311
255636
260405
260412
260430
260436
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

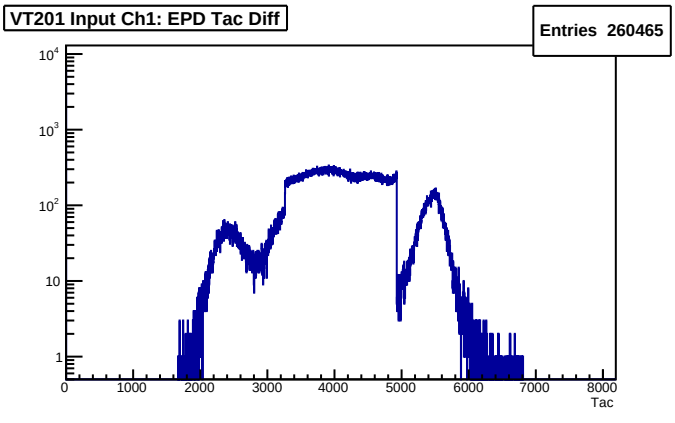

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

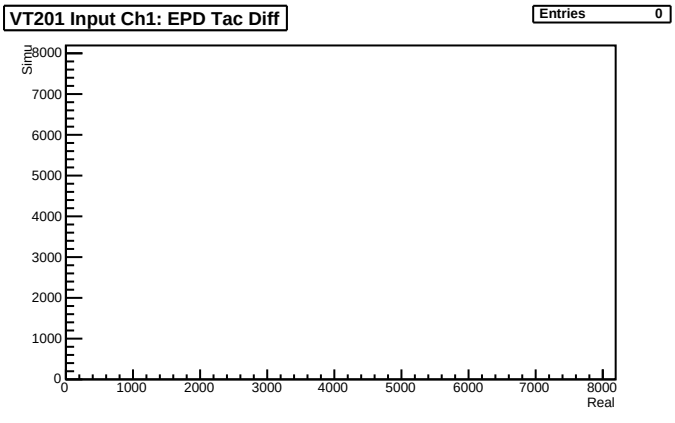

VT201 Input Ch0: BBC Small Tac Diff
Entries 260465
Tac

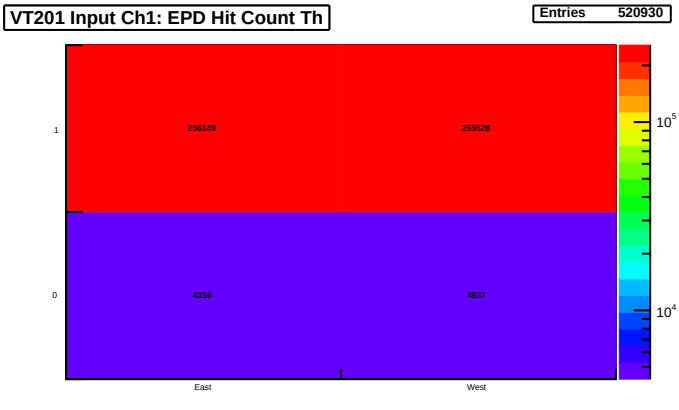

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

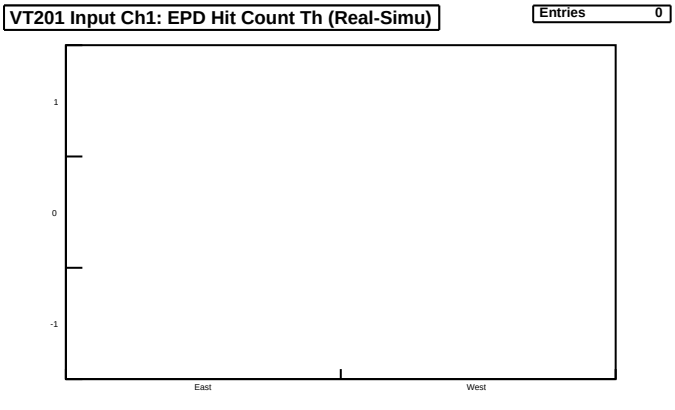

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 520930
201973
222770
58492
37695
East
West

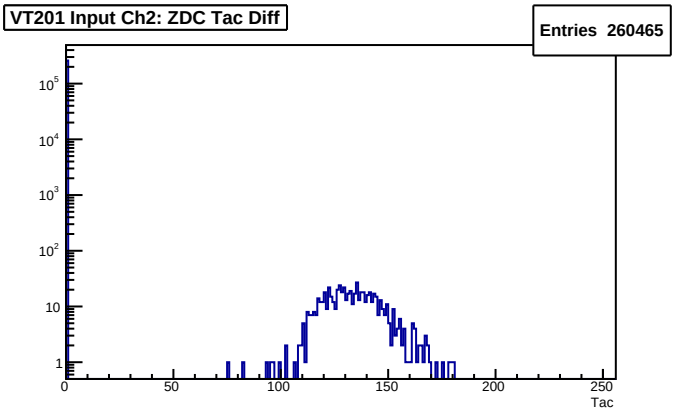

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

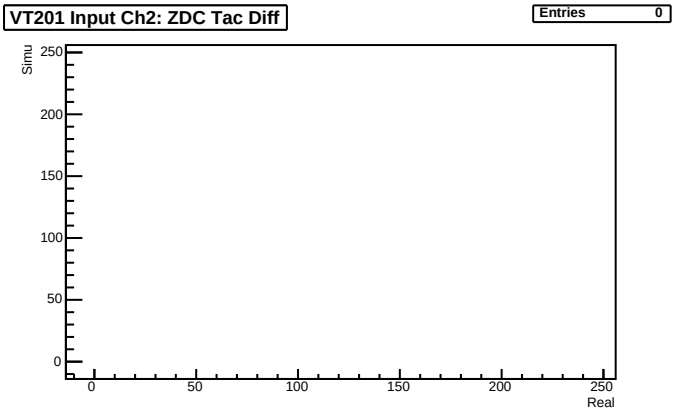

VT201 Input Ch1: EPD Tac Diff
Entries 260465
Tac

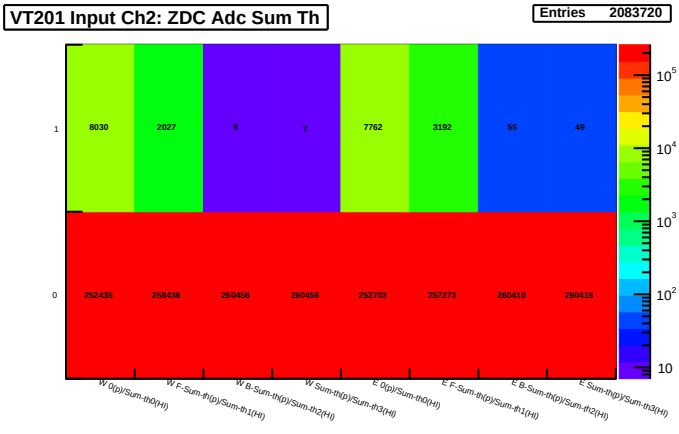

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

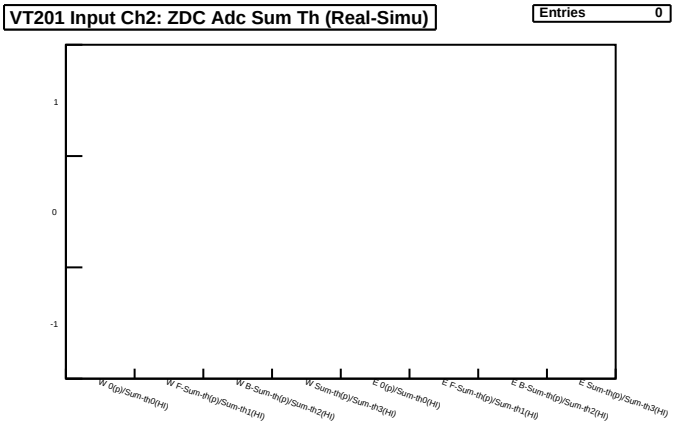

VT201 Input Ch1: EPD Hit Count Th
Entries 520930
256149
255528
4316
4937
East
West

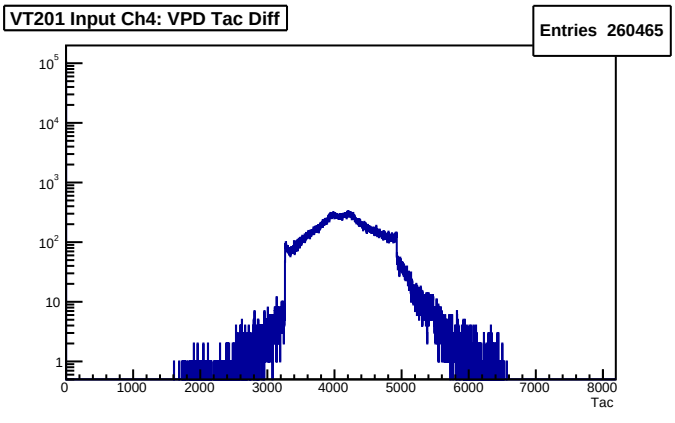

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

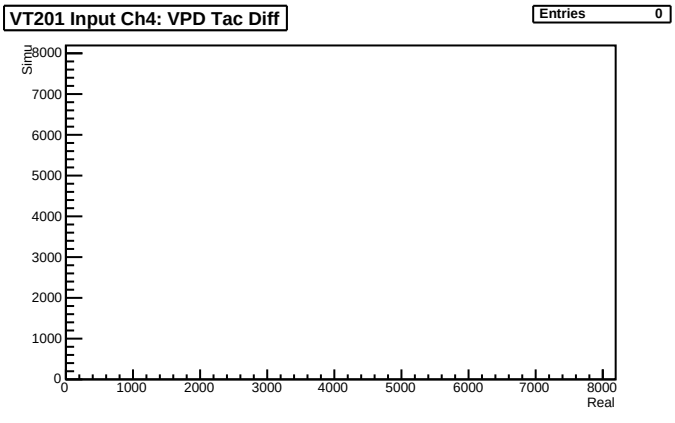

VT201 Input Ch2: ZDC Tac Diff
Entries 260465
Tac

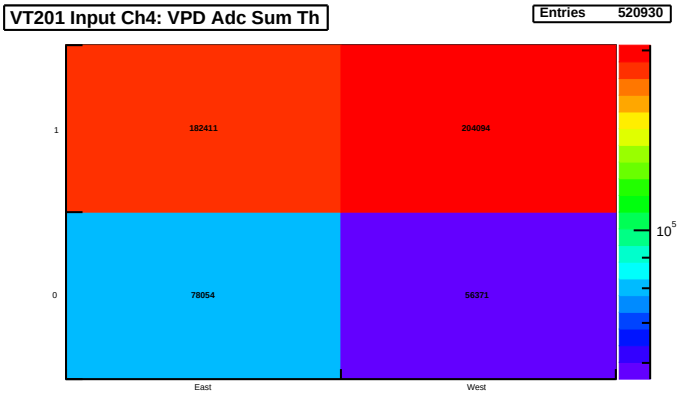

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

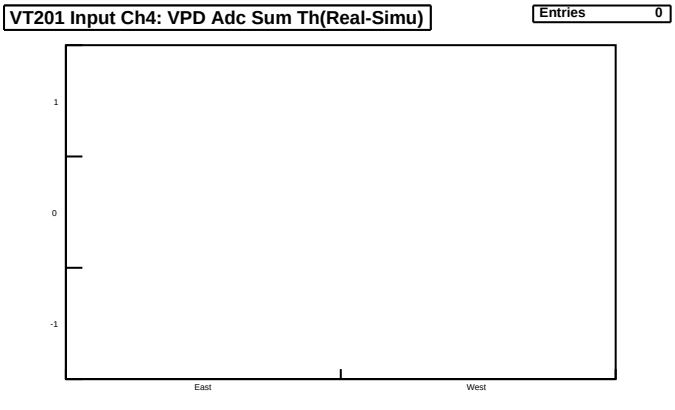

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2083720
8030
2027
9
7
7762
3192
55
49
252435
258438
260456
260458
252703
257273
260410
260416
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

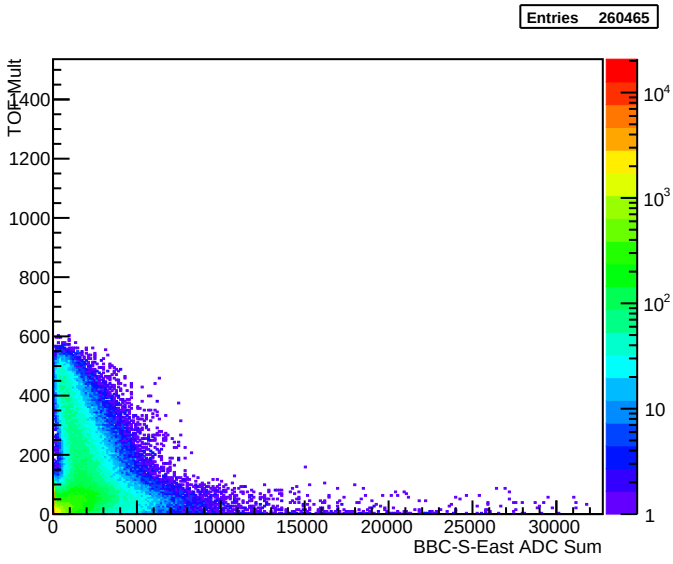

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

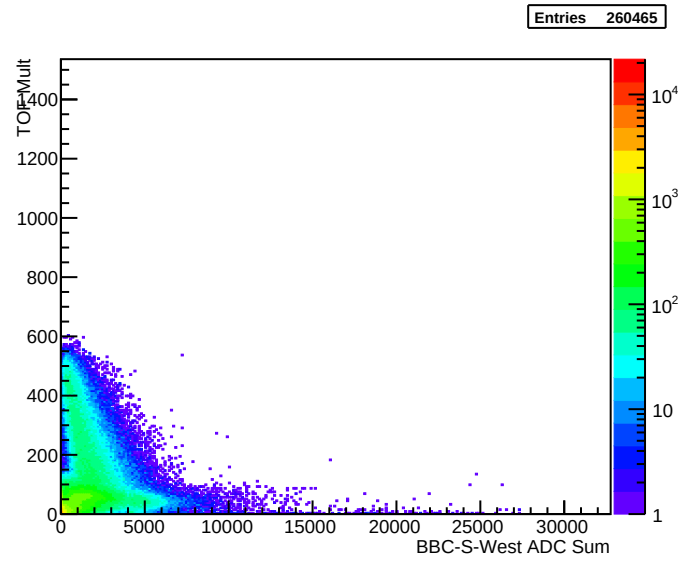

VT201 Input Ch4: VPD Tac Diff
Entries 260465
Tac

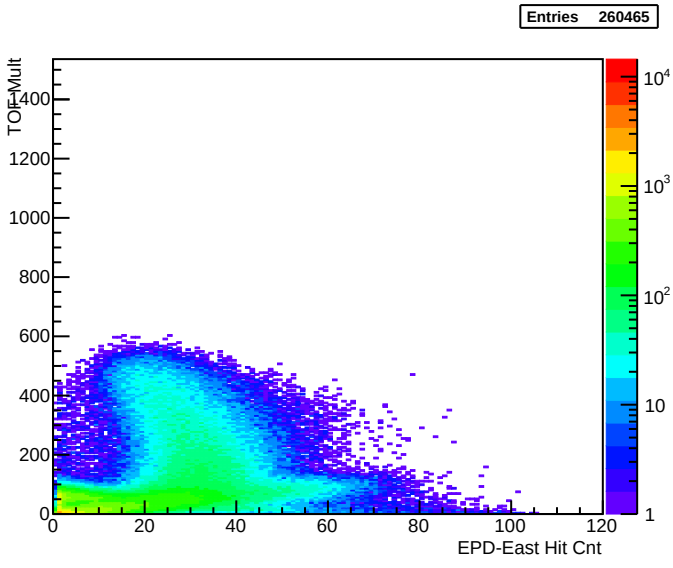

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

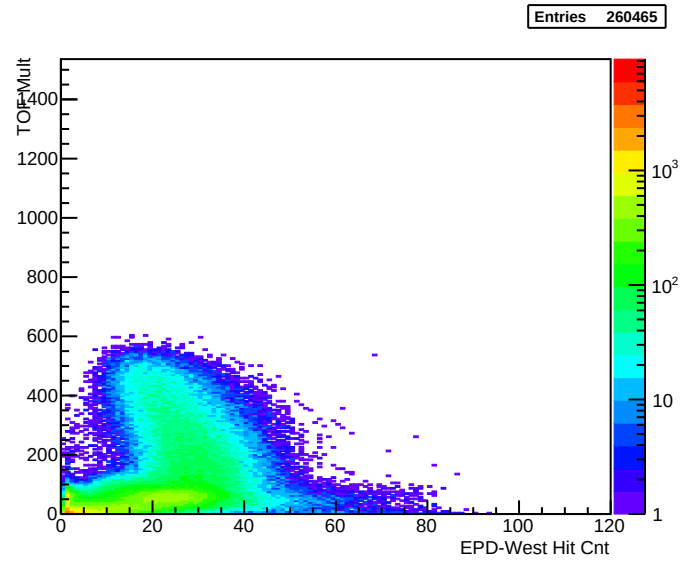

VT201 Input Ch4: VPD Adc Sum Th
Entries 520930
182411
204094
78054
56371
East
West

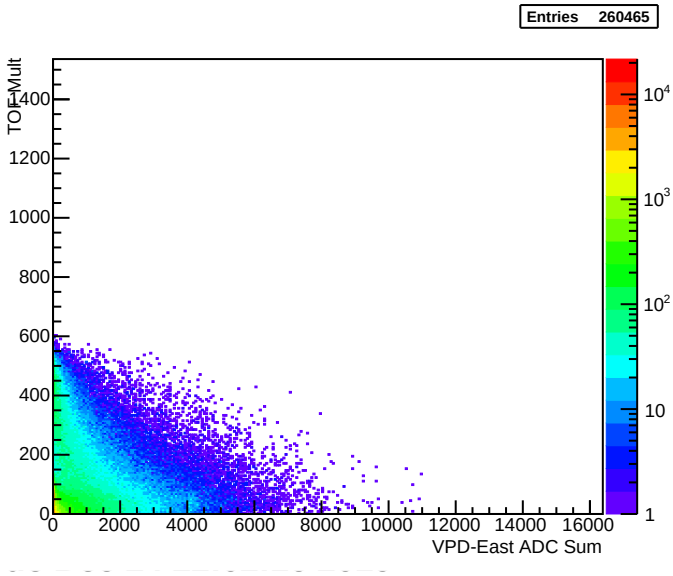

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

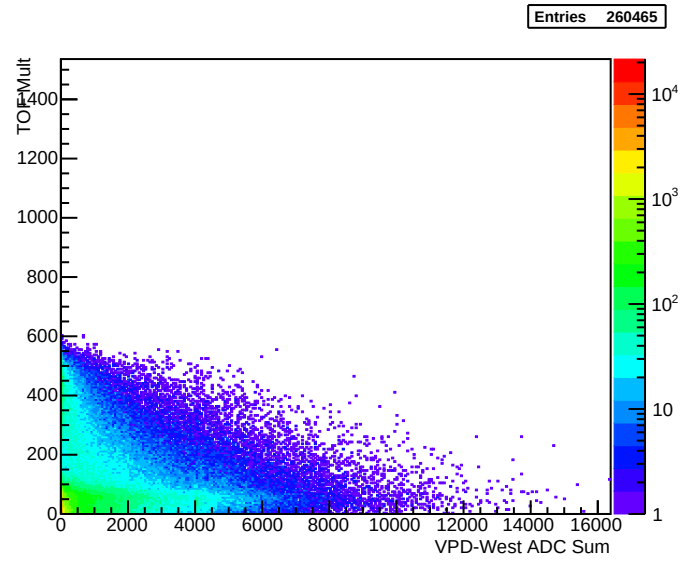

Entries 260465
TOF-Mult
BBC-S-East ADC Sum

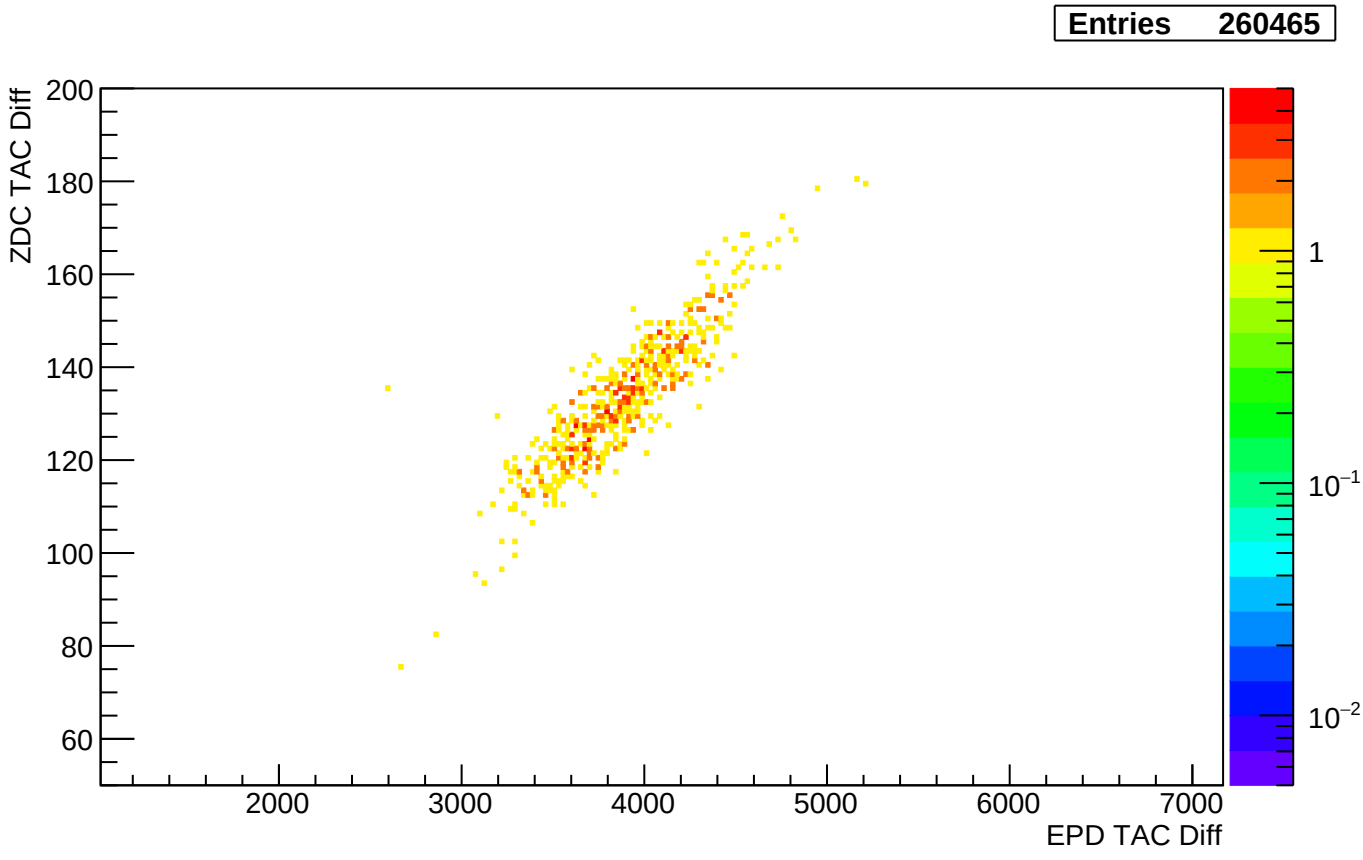

Entries 260465
TOF-Mult
BBC-S-West ADC Sum

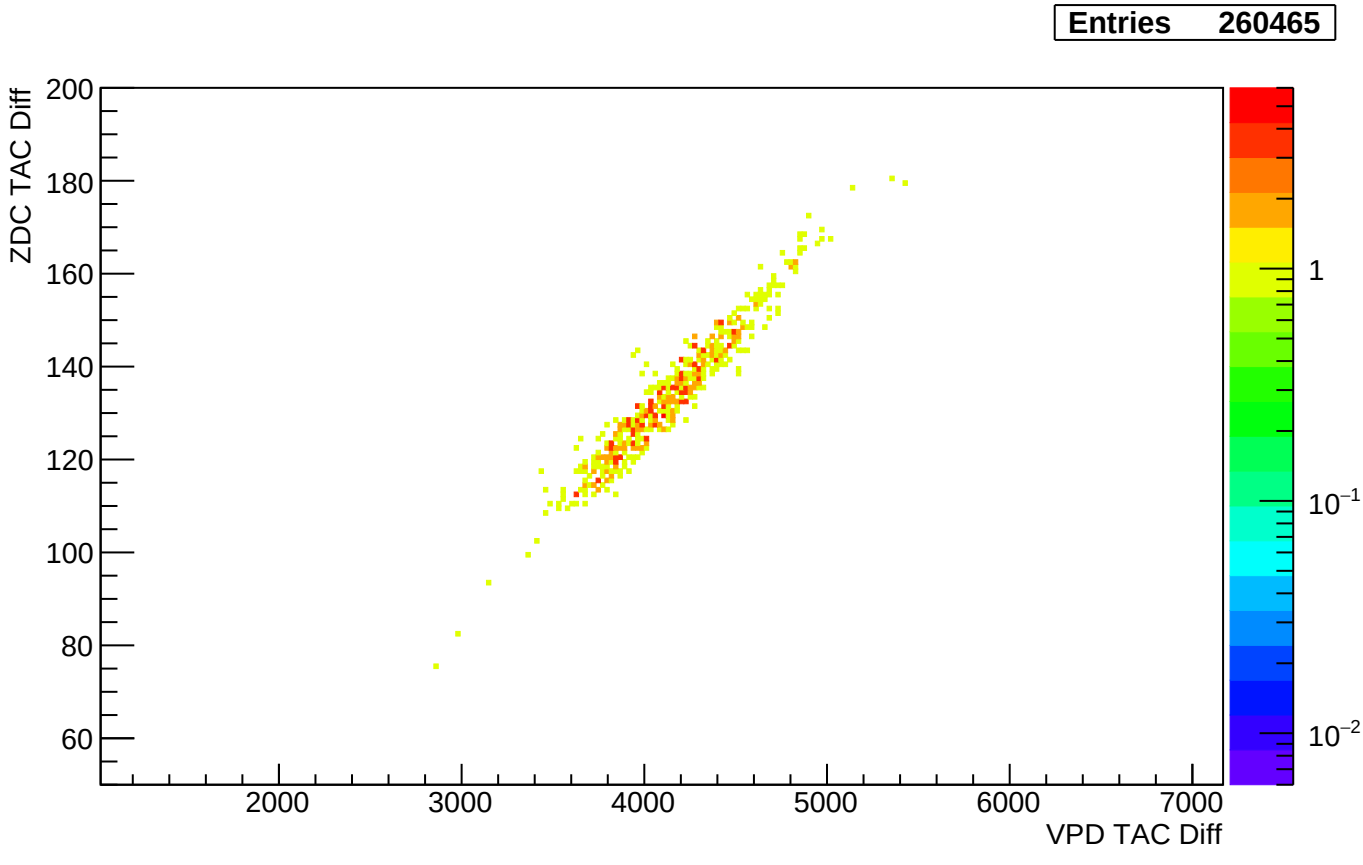

Entries 260465
TOF-Mult
EPD-East Hit Cnt

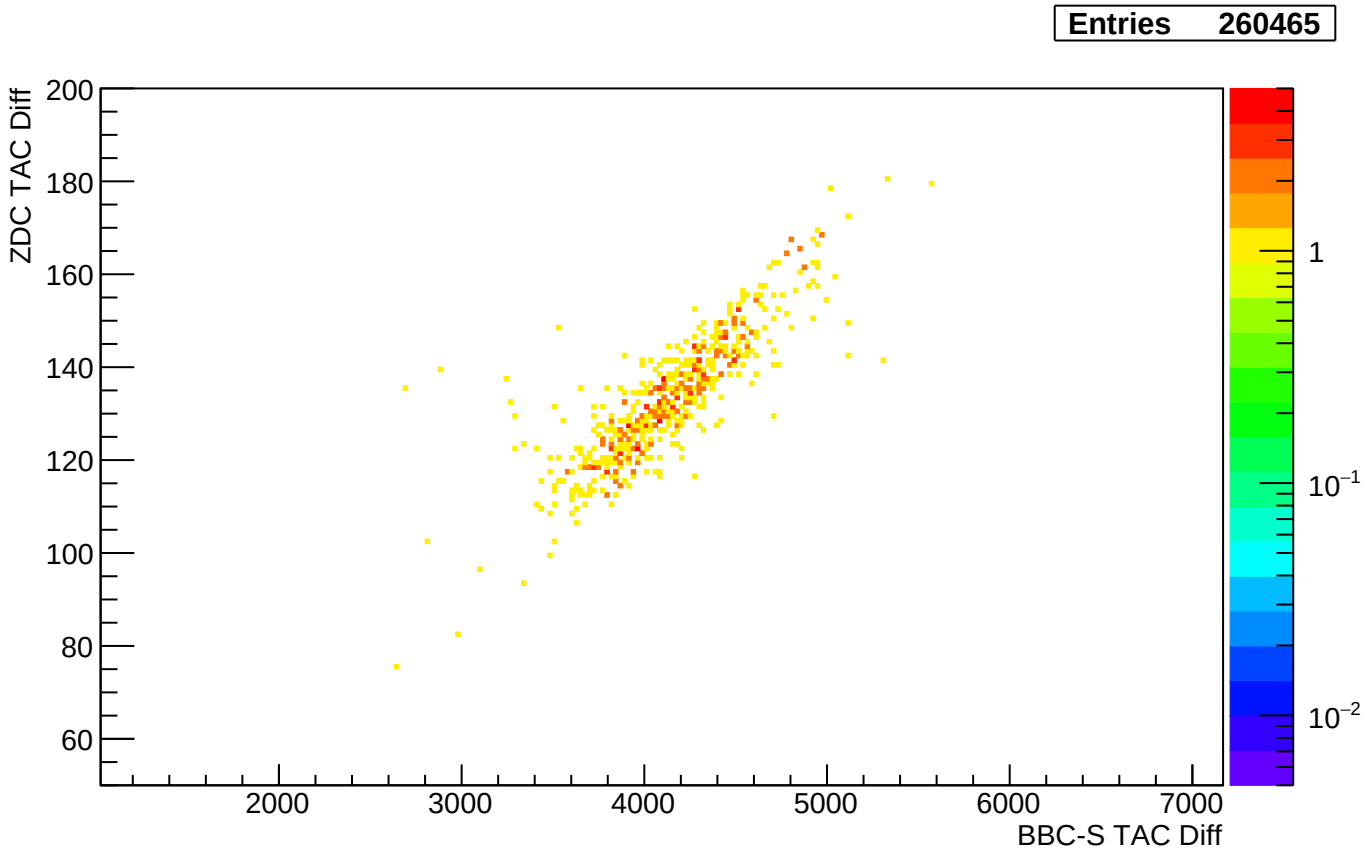

Entries 260465
TOF-Mult
EPD-West Hit Cnt

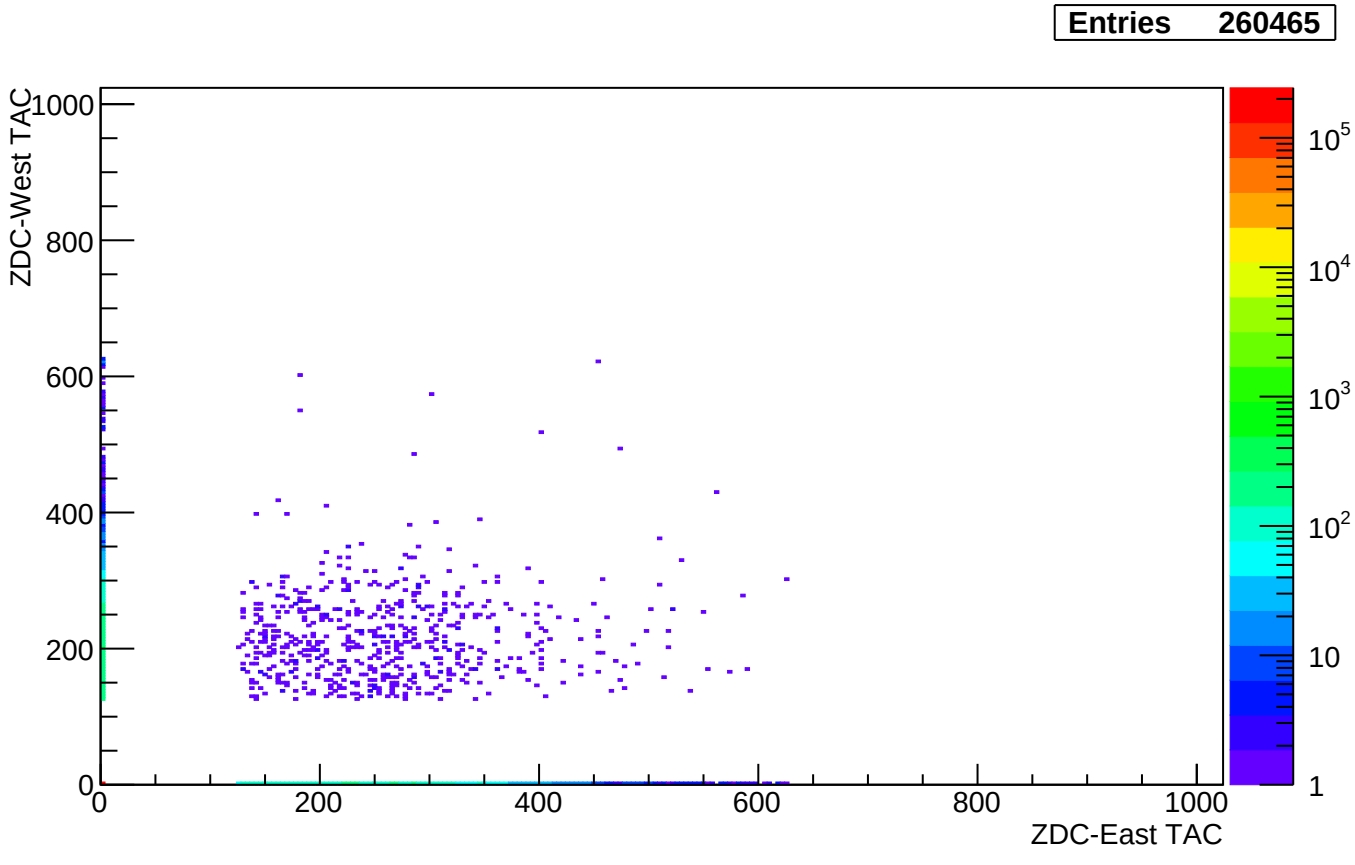

Entries 260465
TOF-Mult
VPD-East ADC Sum

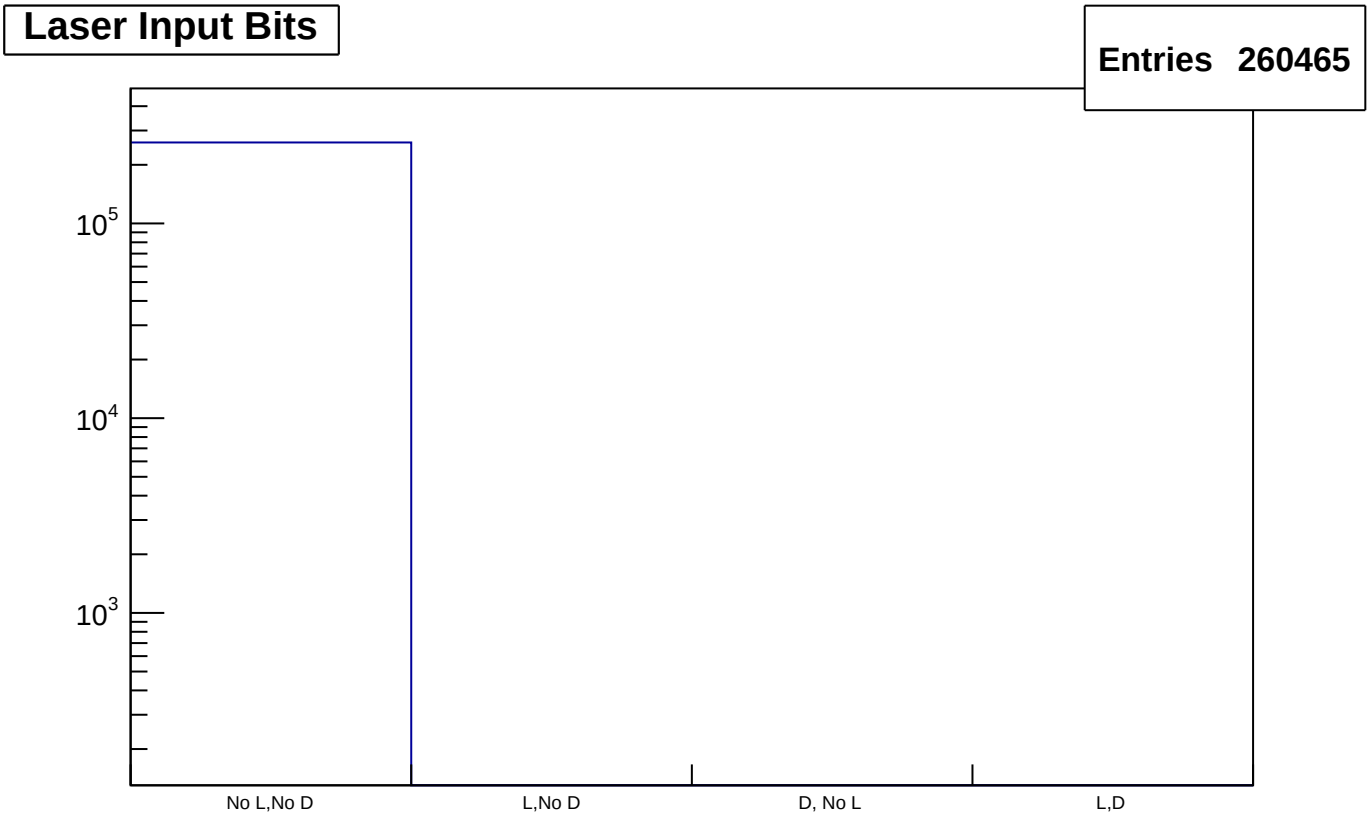

Entries 260465
TOF-Mult
VPD-West ADC Sum

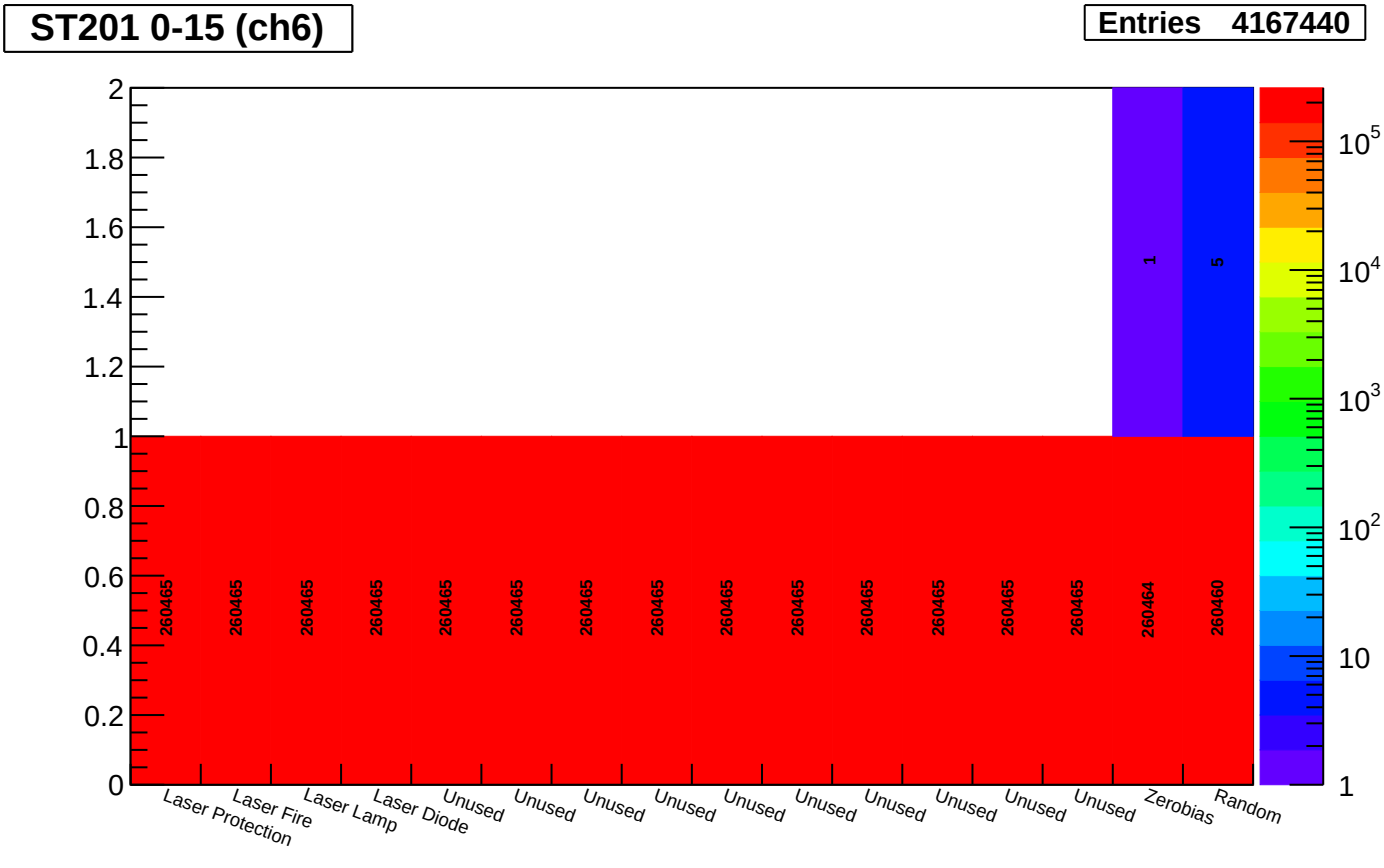

Entries 260465
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

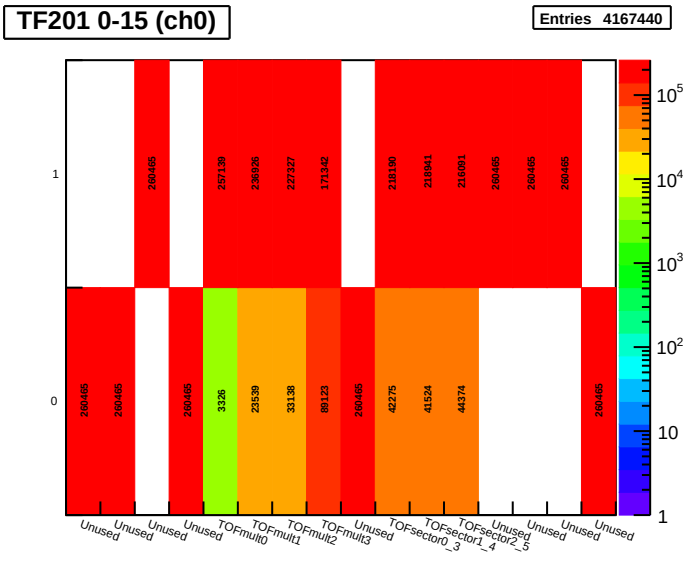

Entries 260465
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

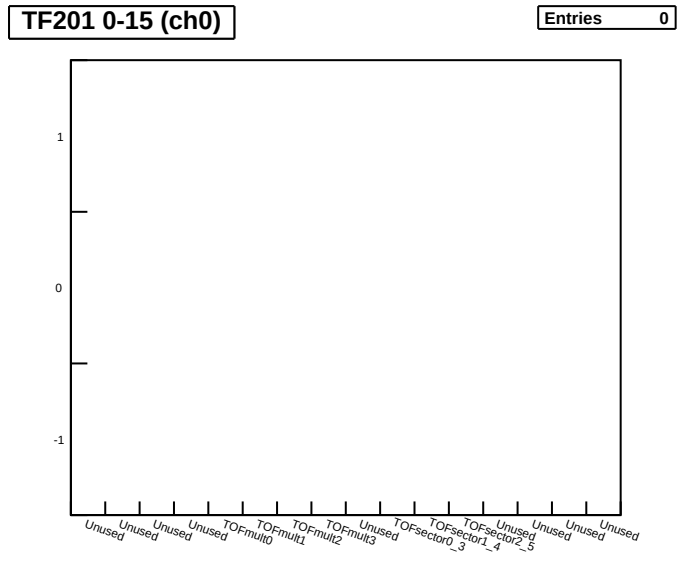

Entries 260465
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

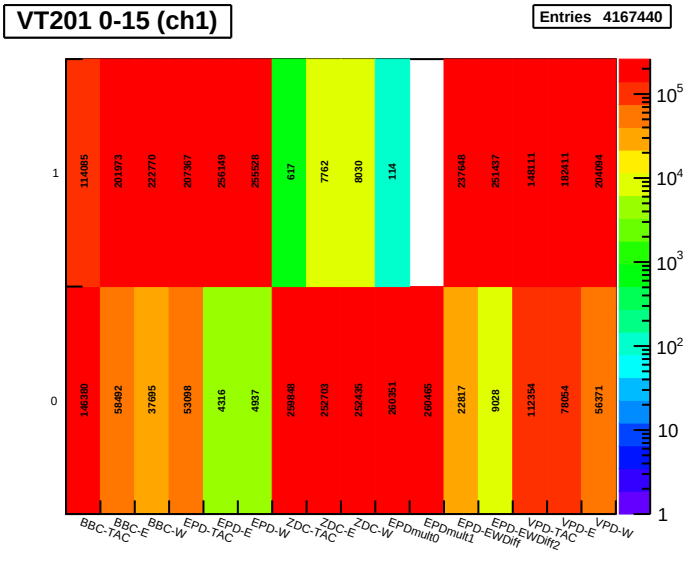

Entries 260465
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

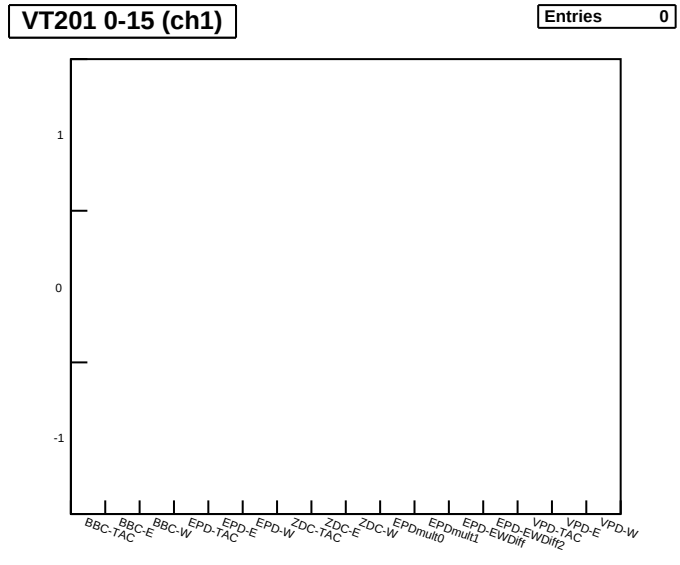

Laser Input Bits
Entries 260465
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

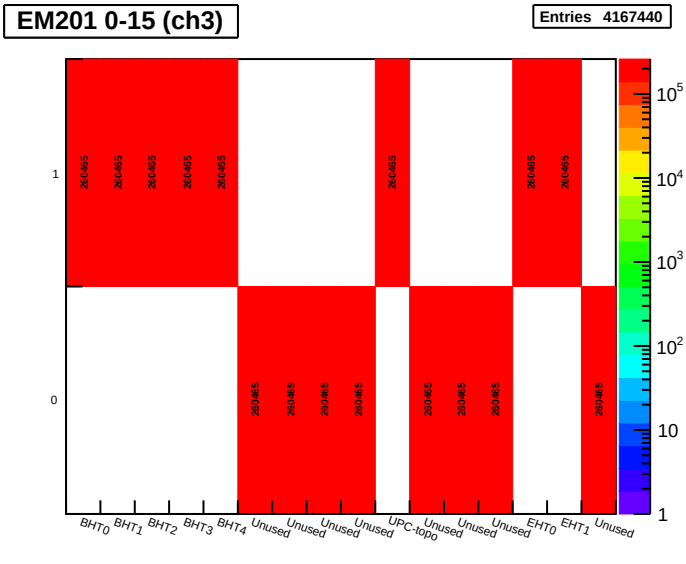

ST201 0-15 (ch6)
Entries 4167440
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
260465
260465
260465
260465
260465
260465
260465
260465
260465
260465
260465
260465
260465
260465
260464
260460
1
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

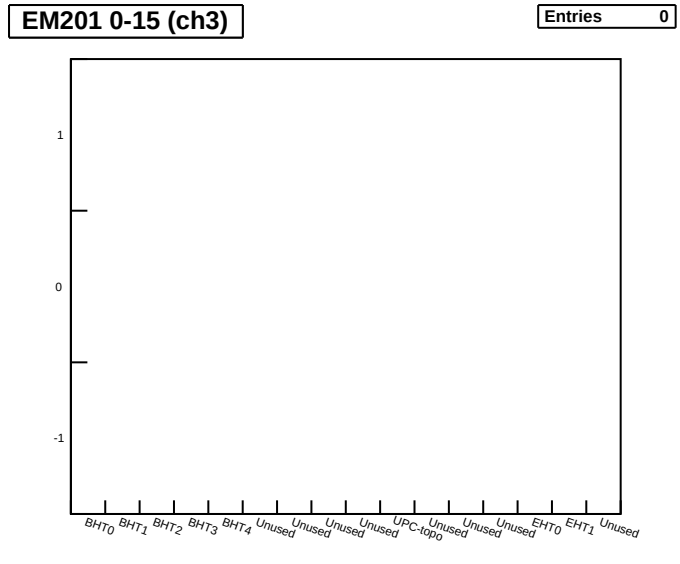

TF201 0-15 (ch0)
Entries 4167440
1
0
260465
257139
236926
227327
171342
218190
218941
216691
260465
260465
260465
260465
260465
3326
23539
33138
89123
260465
42275
41524
44374
260465
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 4167440
1
0
114085
201973
222770
207367
256149
255528
617
7762
8030
114
237648
251437
148111
182411
204094
146380
58492
37695
53098
4316
4937
259848
252703
252435
260351
260465
22817
9028
112354
78054
56371
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 4167440
1
0
260465
260465
260465
260465
260465
260465
260465
260465
260465
260465
260465
260465
260465
260465
260465
260465
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