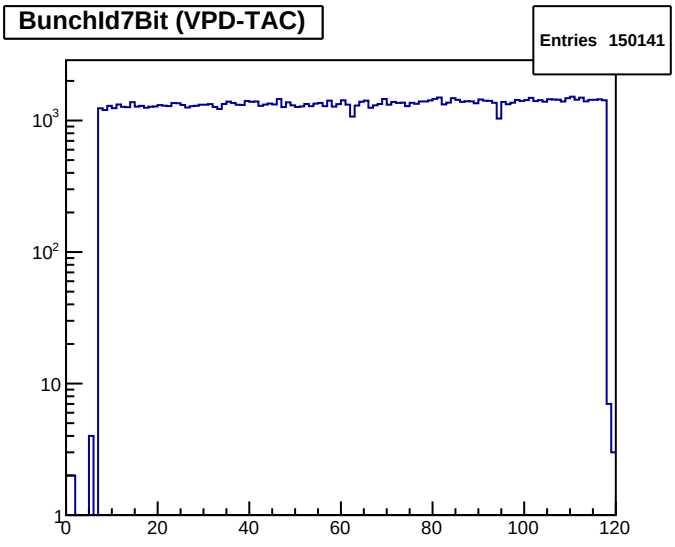
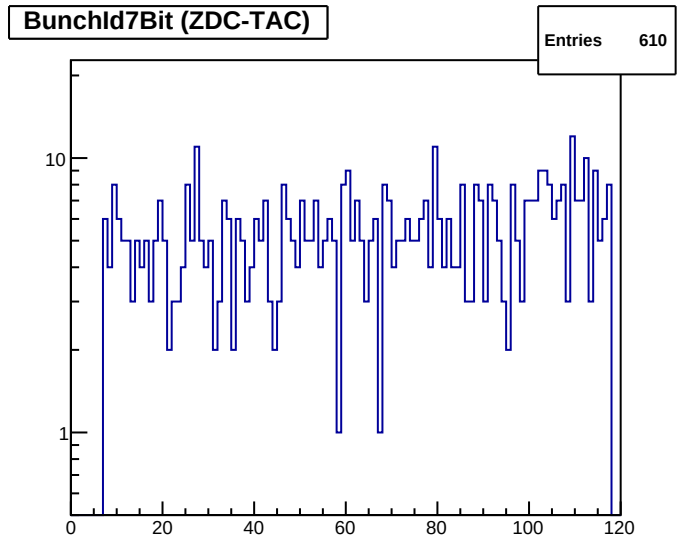
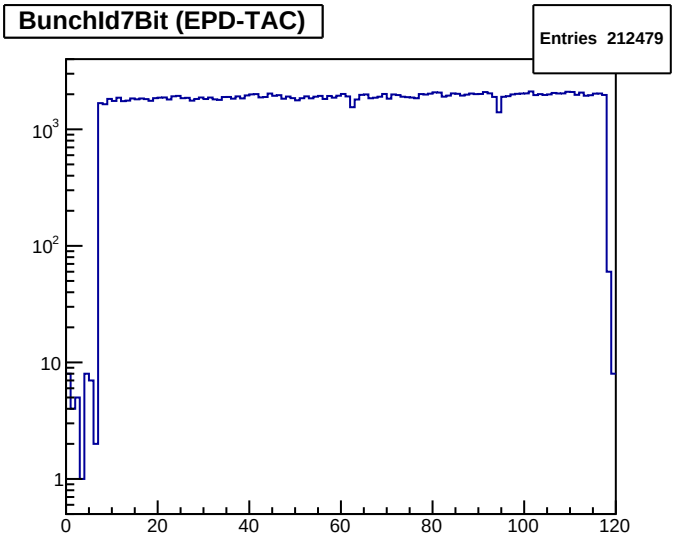
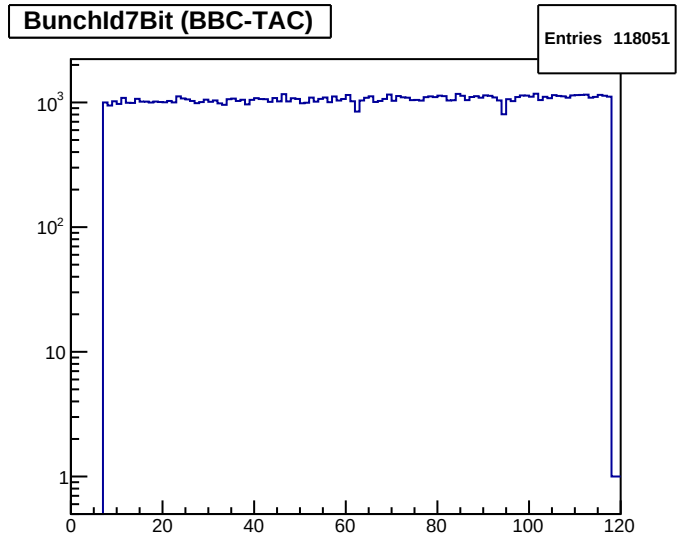
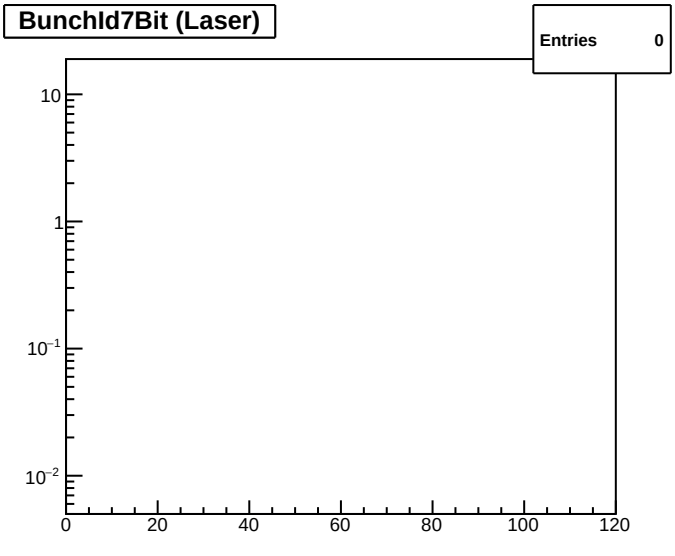
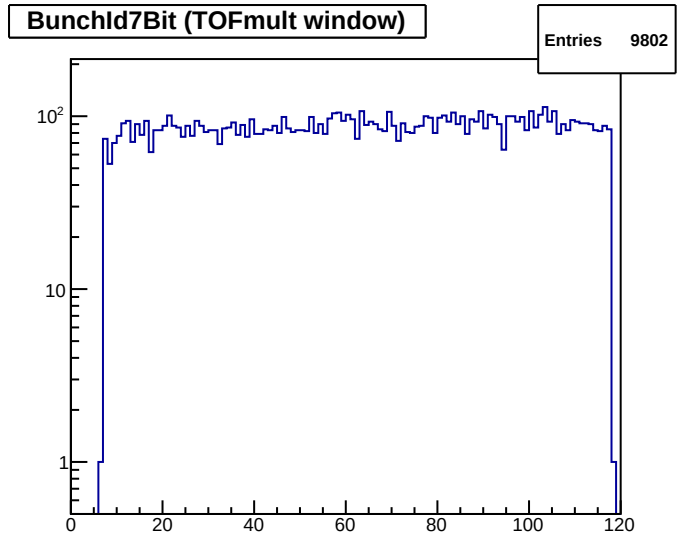

BunchId7Bit (VPD-TAC)
Entries 150141

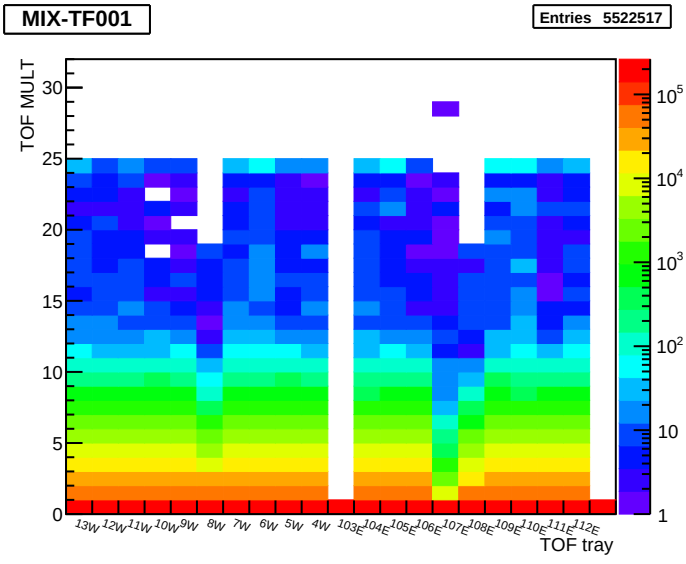

BunchId7Bit (ZDC-TAC)
Entries 610

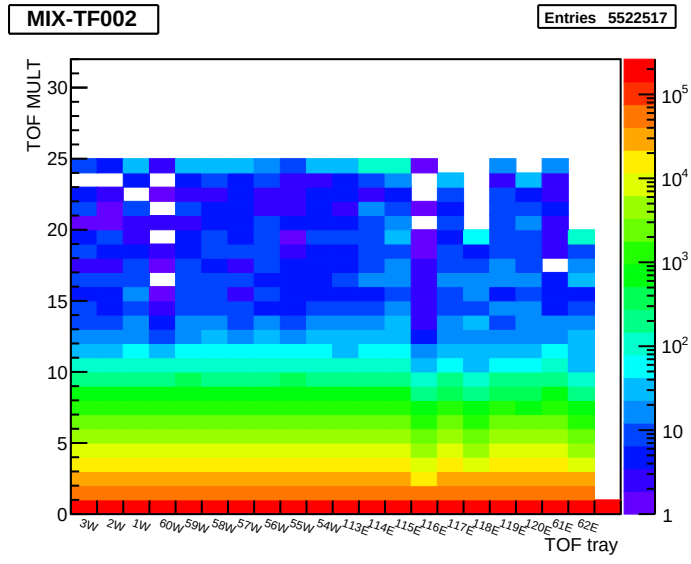

BunchId7Bit (EPD-TAC)
Entries 212479

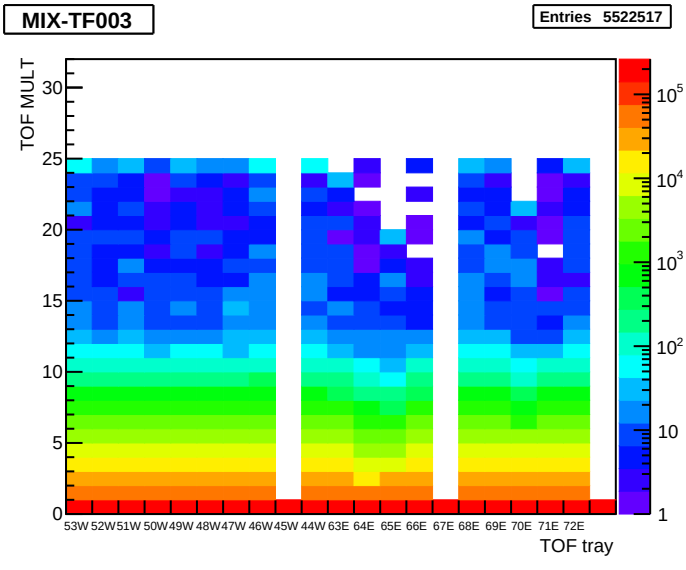

BunchId7Bit (BBC-TAC)
Entries 118051

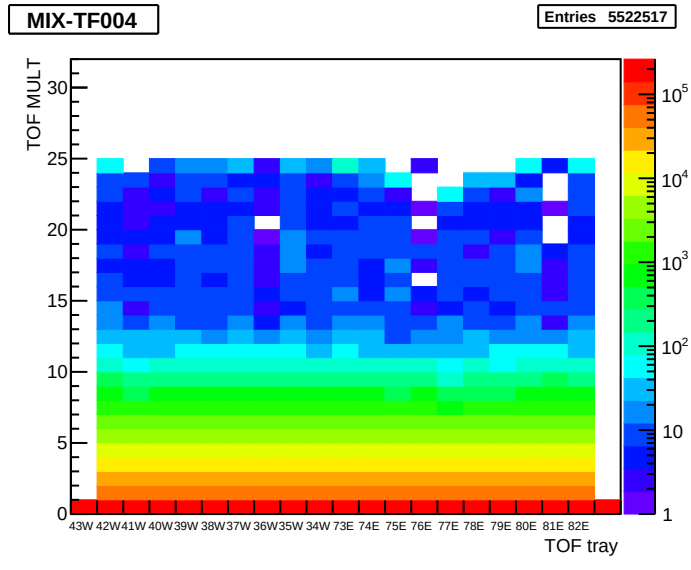

BunchId7Bit (Laser)
Entries 0

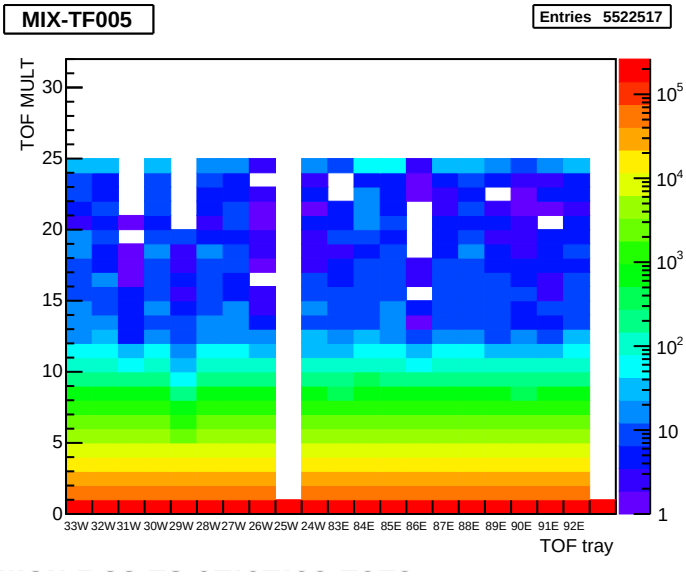

BunchId7Bit (TOFmult window)
Entries 9802

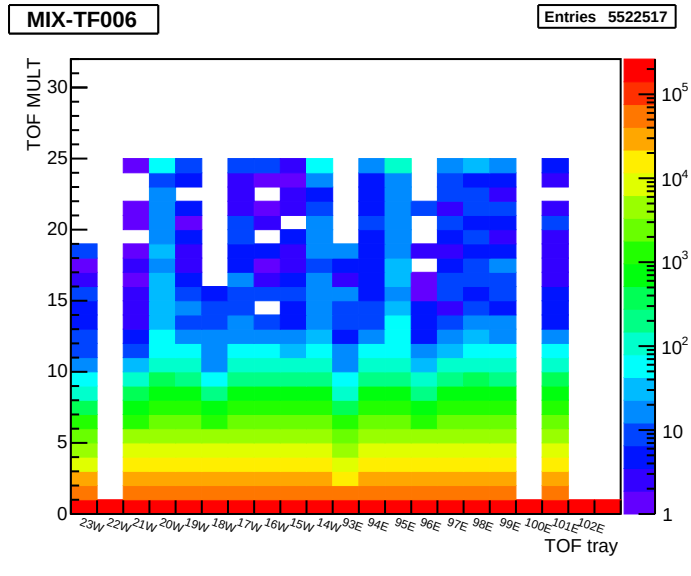

MIX-TF001
Entries 5522517
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

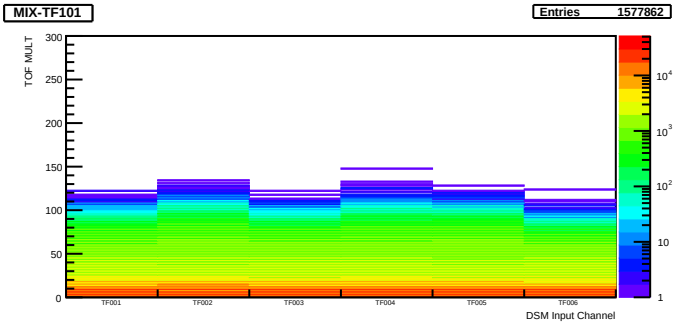

MIX-TF002
Entries 5522517
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

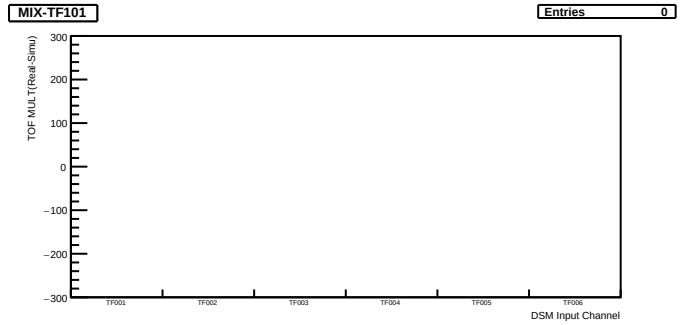

MIX-TF003
Entries 5522517
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

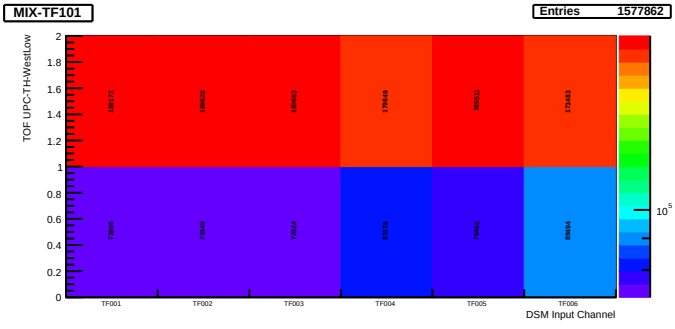

MIX-TF004
Entries 5522517
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

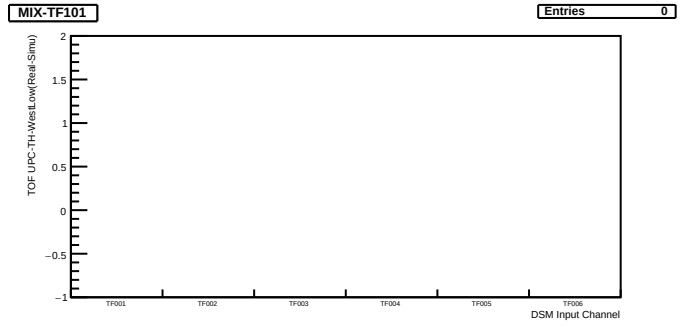

MIX-TF005
Entries 5522517
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

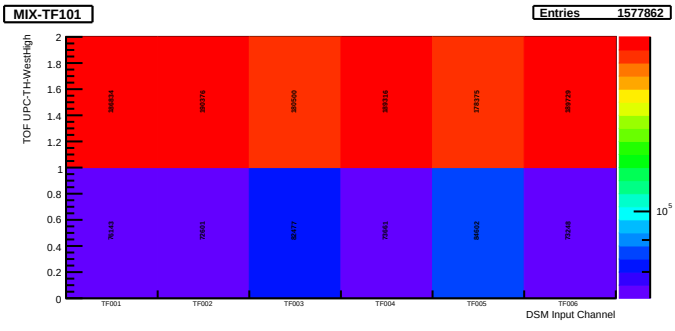

MIX-TF006
Entries 5522517
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

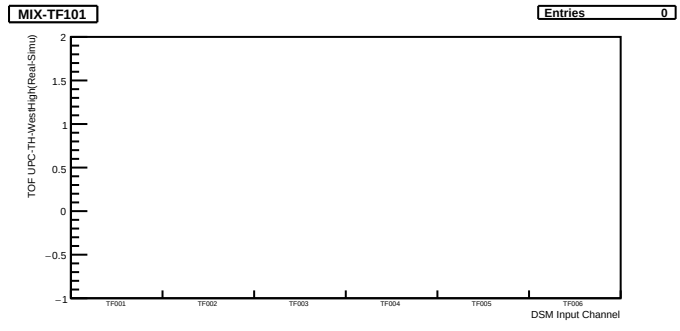

MIX-TF101
Entries 1577862
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

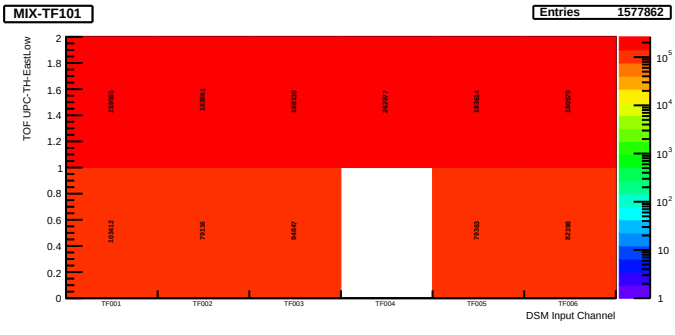

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

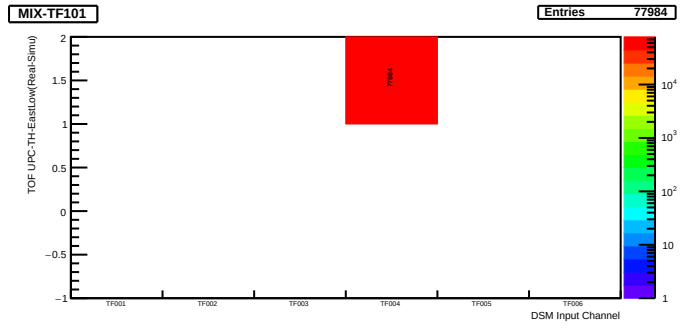

MIX-TF101
Entries 1577862
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

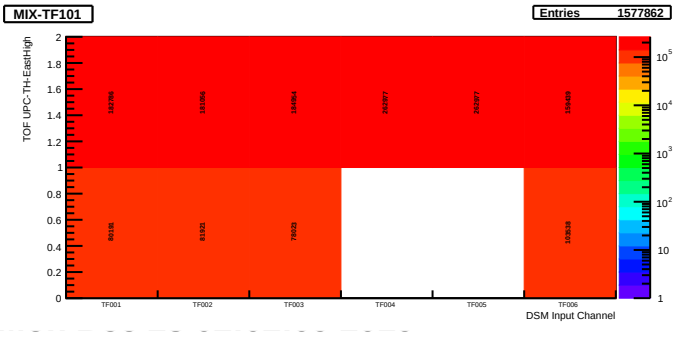

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

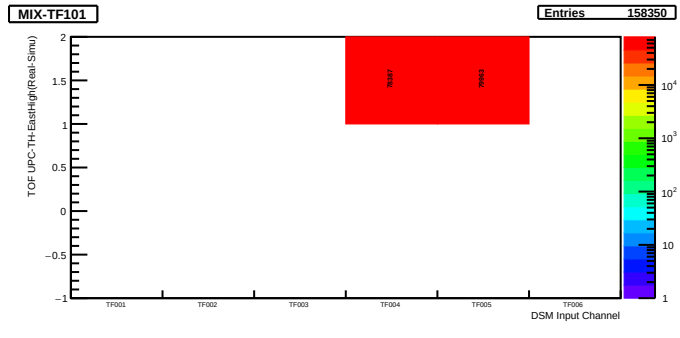

MIX-TF101
Entries 1577862
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

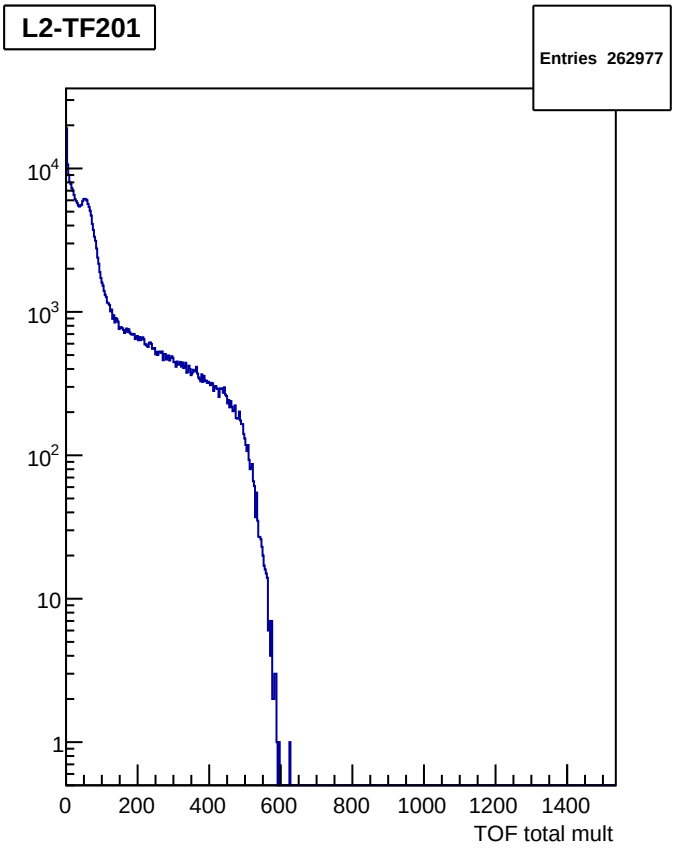

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

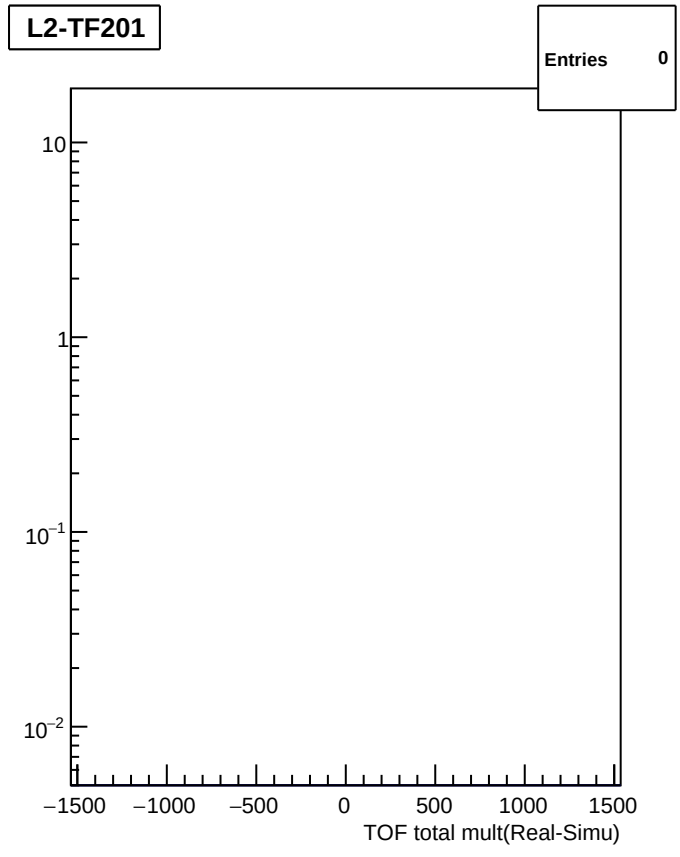

MIX-TF101
Entries 1577862
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

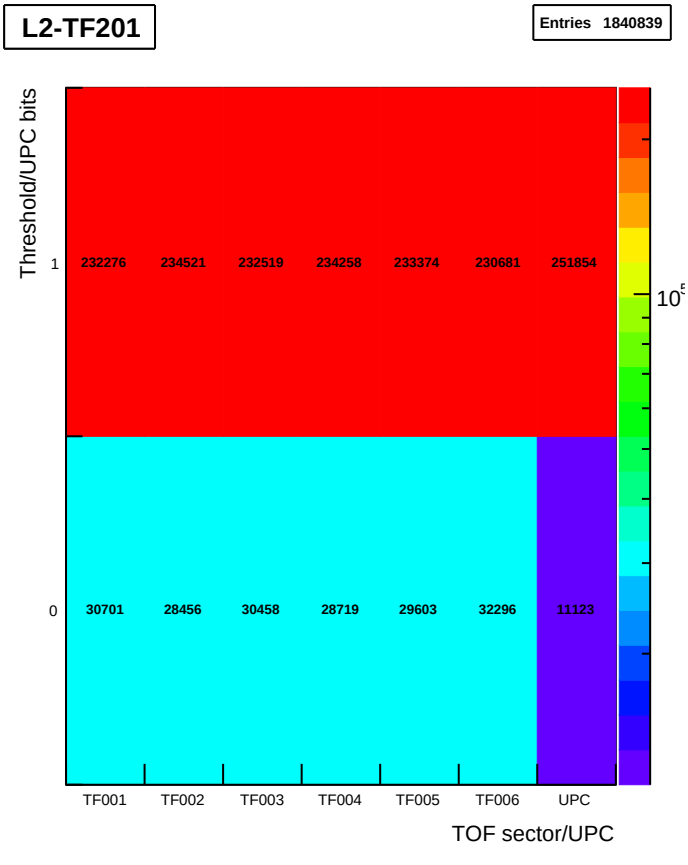

MIX-TF101
Entries 77984
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

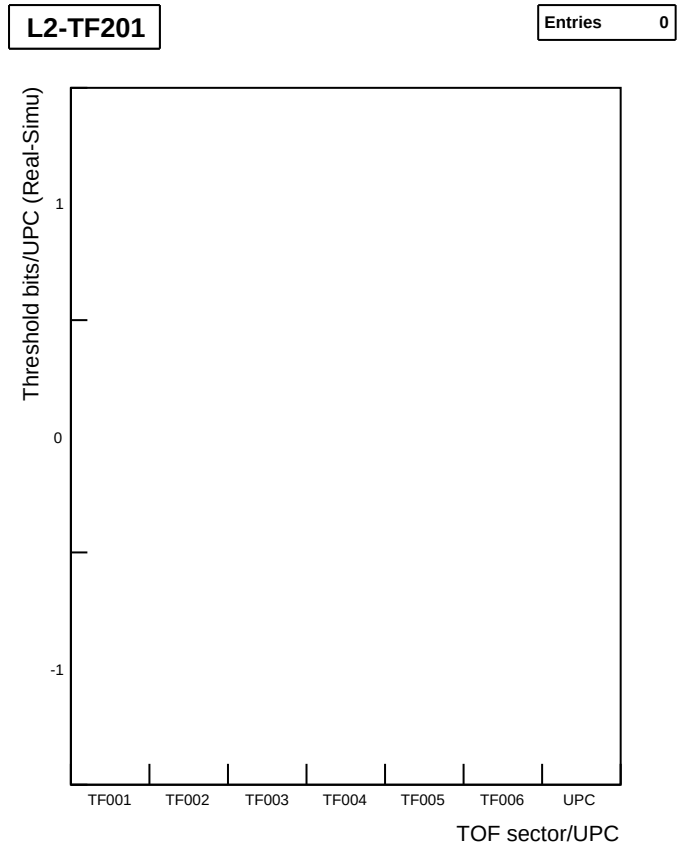

MIX-TF101
Entries 1577862
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

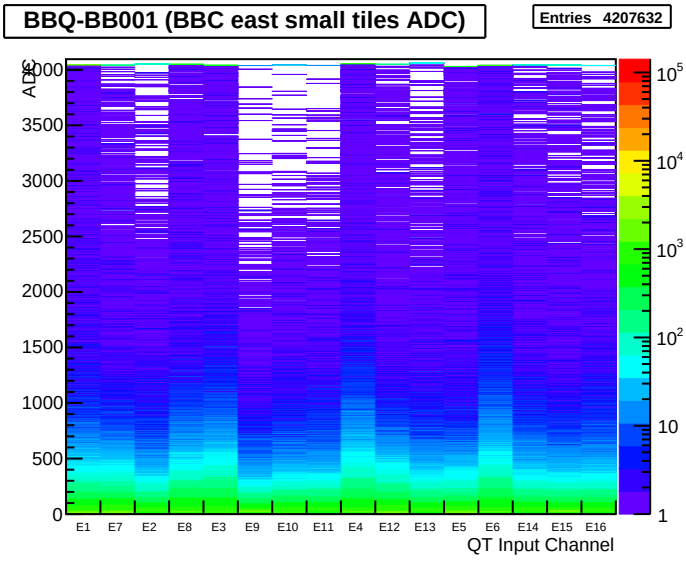

MIX-TF101
Entries 158350
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

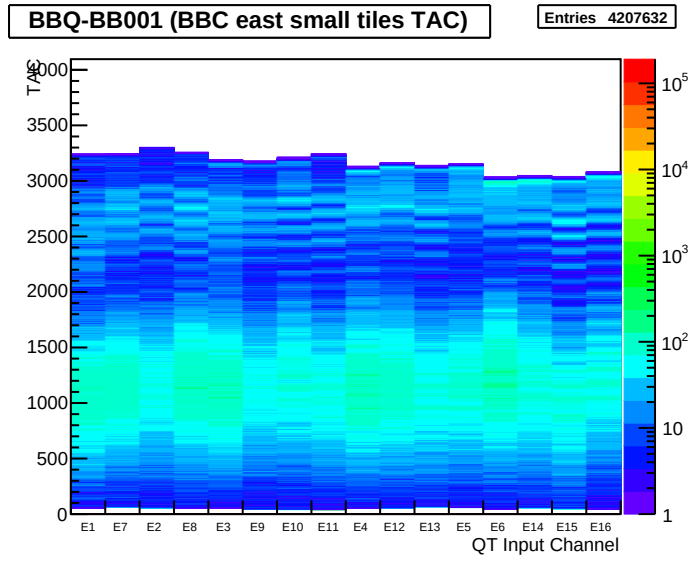

L2-TF201
Entries 262977
TOF total mult

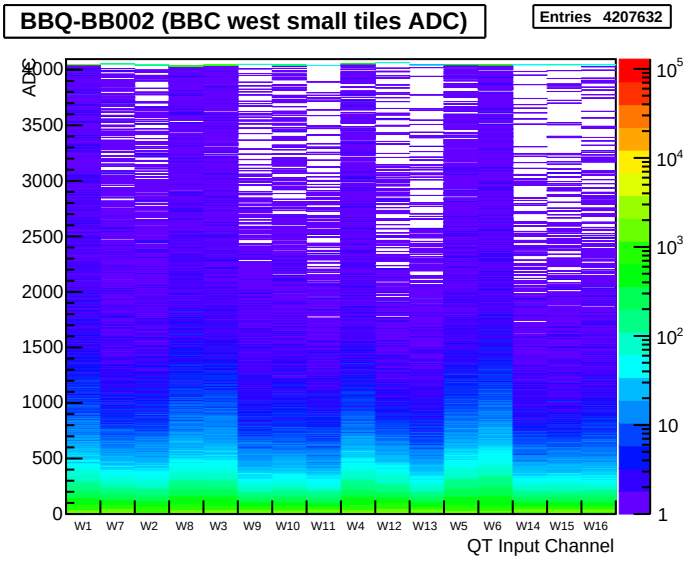

L2-TF201
Entries 0
TOF total mult(Real-Simu)

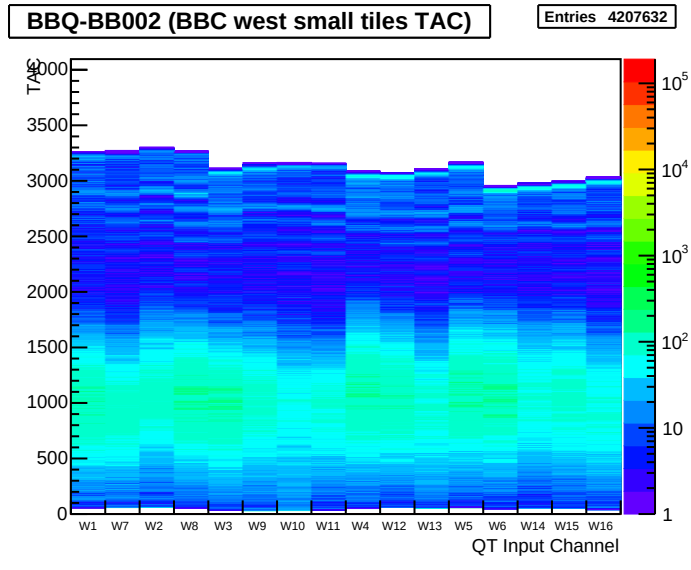

L2-TF201
Entries 1840839
Threshold/UPC bits
232276
234521
232519
234258
233374
230681
251854
30701
28456
30458
28719
29603
32296
11123
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

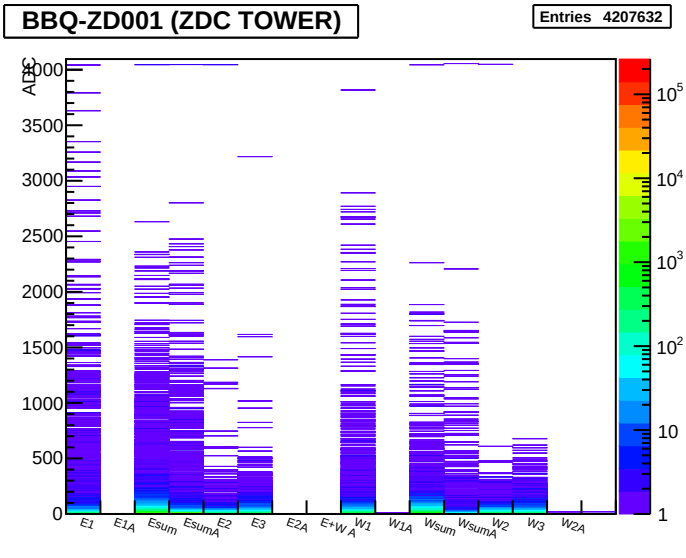

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

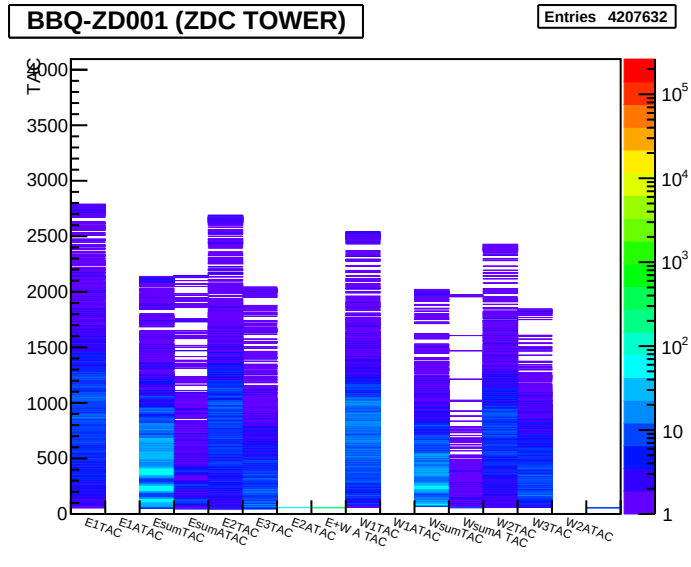

BBQ-BB001 (BBC east small tiles ADC)
Entries 4207632
ADC
QT Input Channel

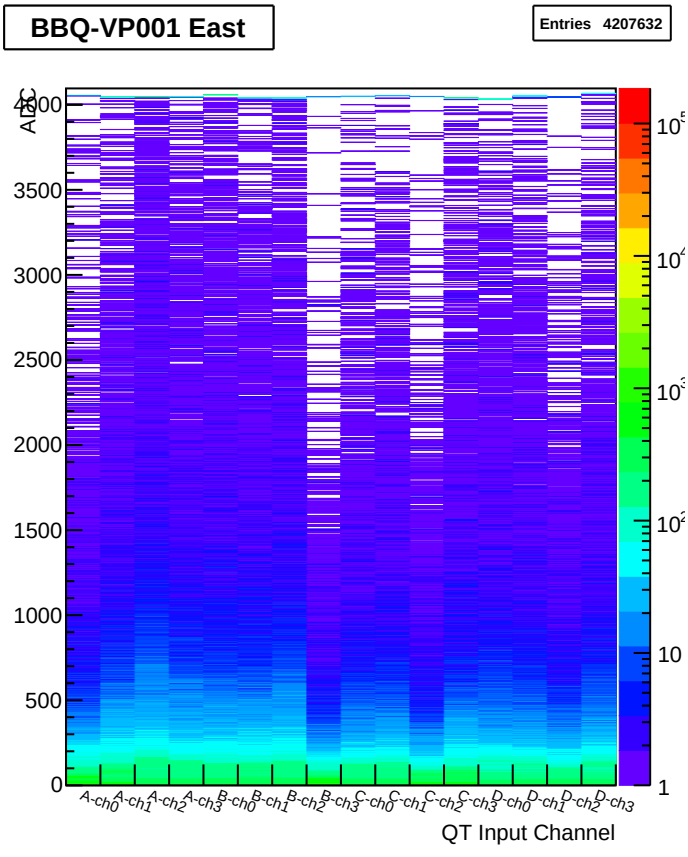

BBQ-BB001 (BBC east small tiles TAC)
Entries 4207632
TAC
QT Input Channel

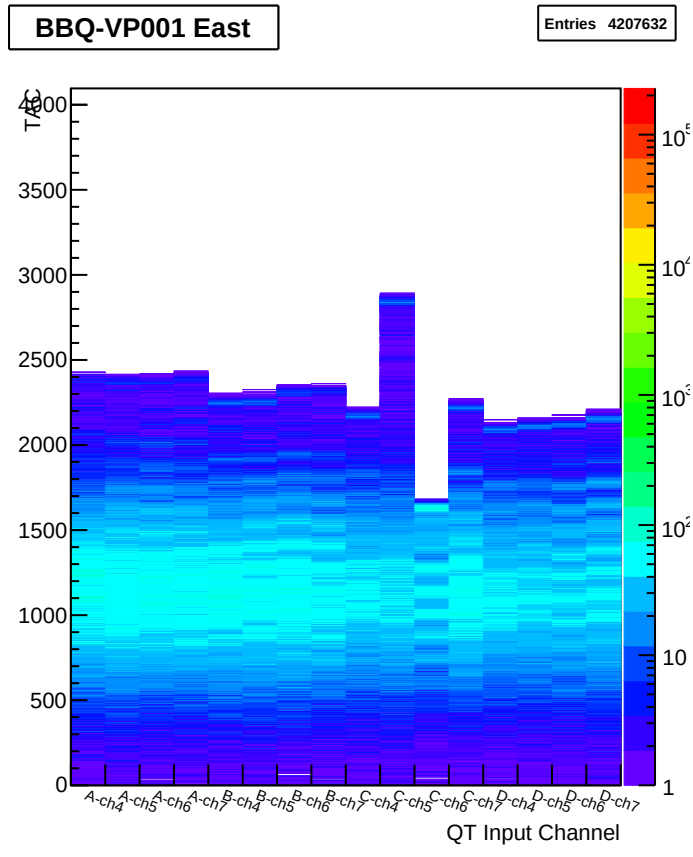

BBQ-BB002 (BBC west small tiles ADC)
Entries 4207632
ADC
QT Input Channel

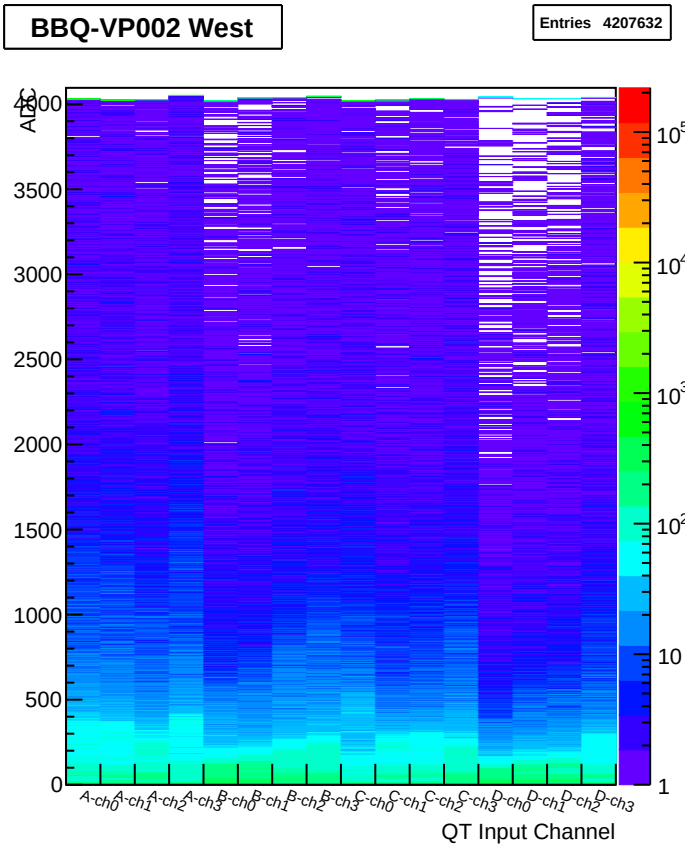

BBQ-BB002 (BBC west small tiles TAC)
Entries 4207632
TAC
QT Input Channel

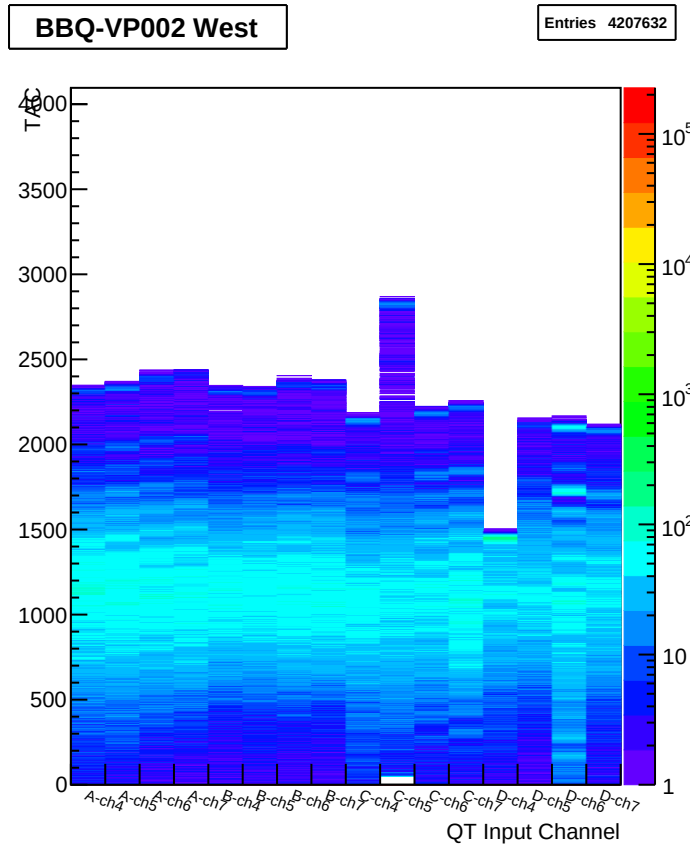

BBQ-ZD001 (ZDC TOWER)
Entries 4207632
ADC

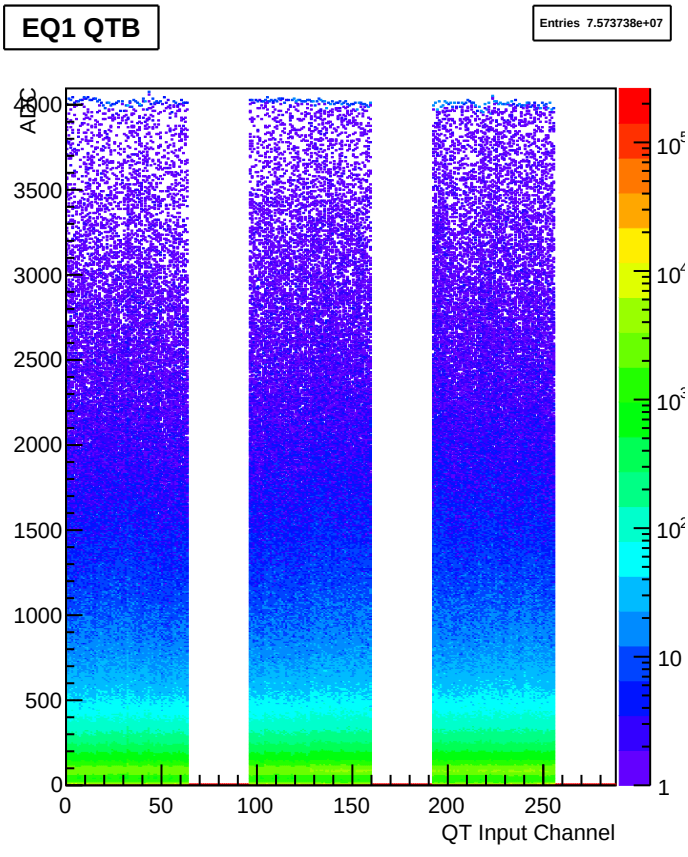

BBQ-ZD001 (ZDC TOWER)
Entries 4207632
TAC

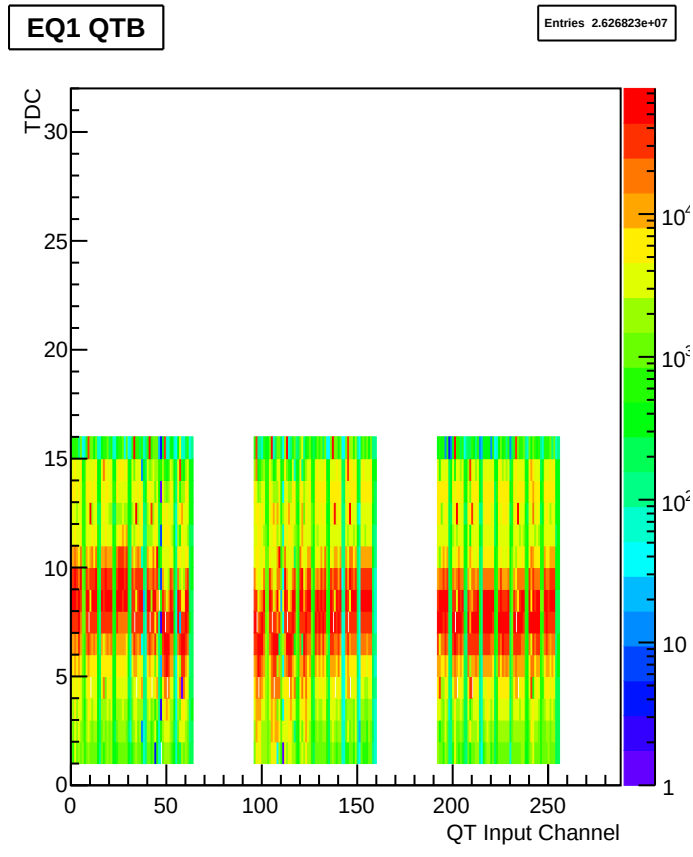

BBQ-VP001 East
Entries 4207632
ADC
QT Input Channel

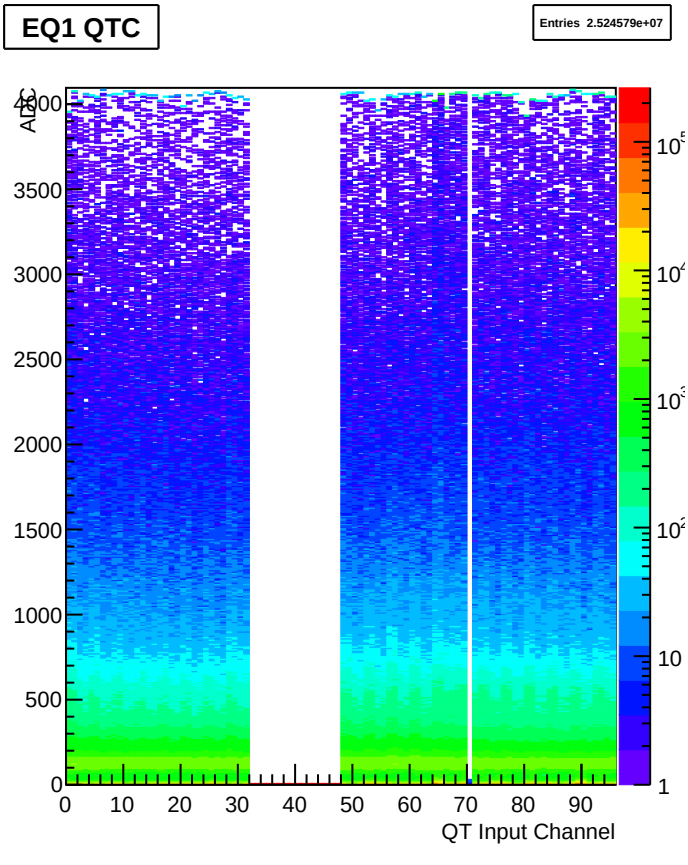

BBQ-VP001 East
Entries 4207632
TADC
QT Input Channel

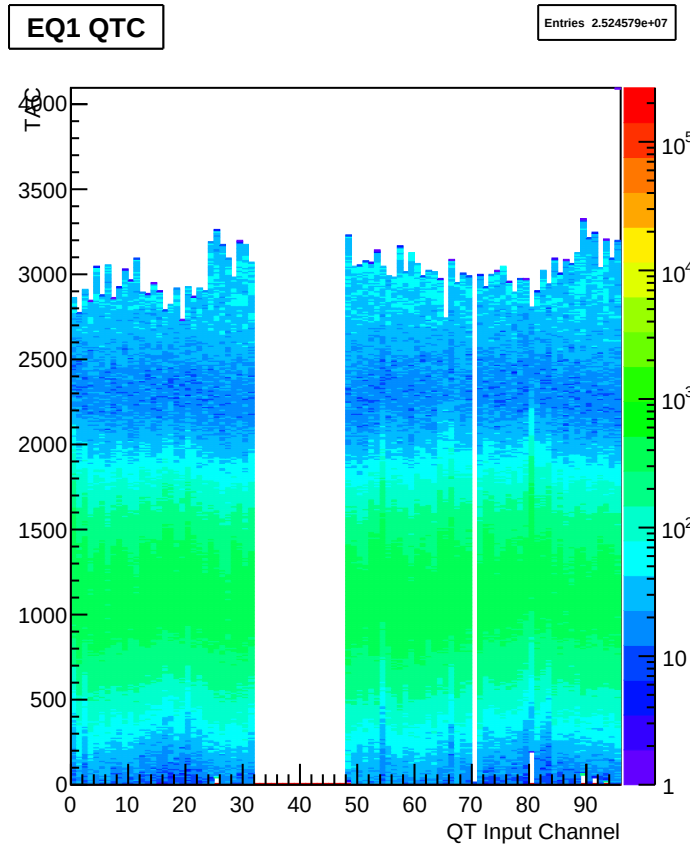

BBQ-VP002 West
Entries 4207632
ADC
QT Input Channel

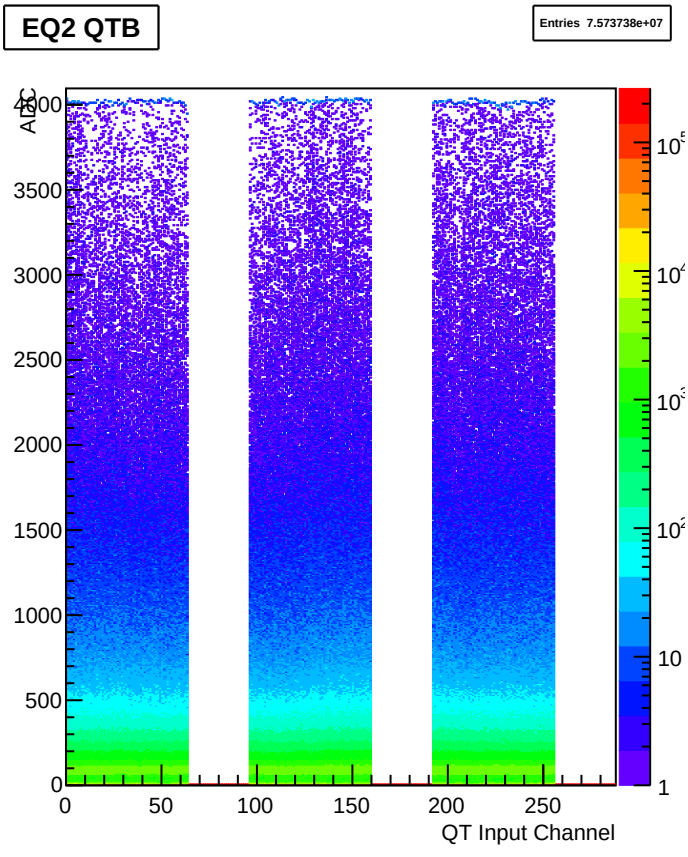

BBQ-VP002 West
Entries 4207632
TADC
QT Input Channel

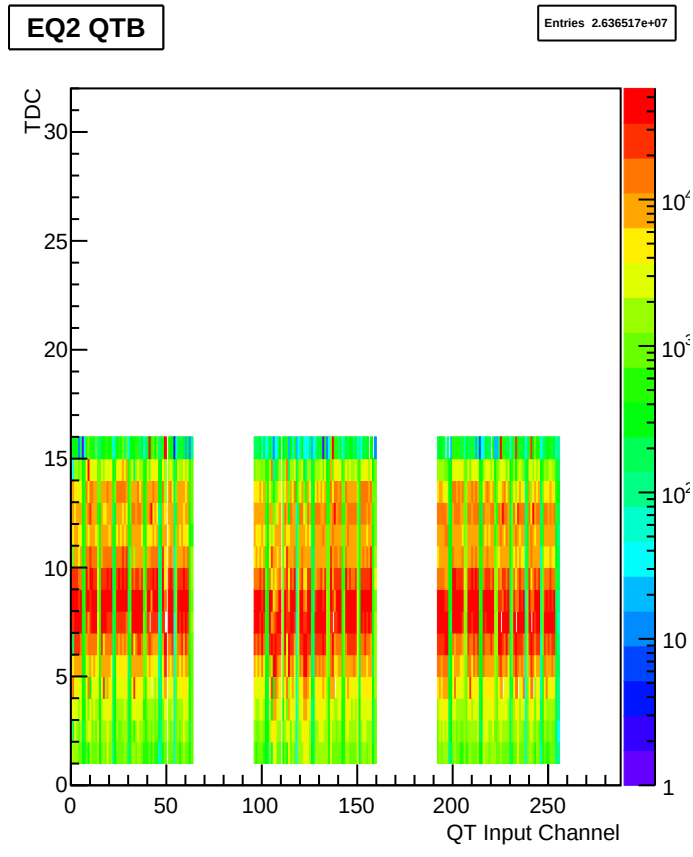

EQ1 QTB
Entries 7.573738e+07
ADC
QT Input Channel

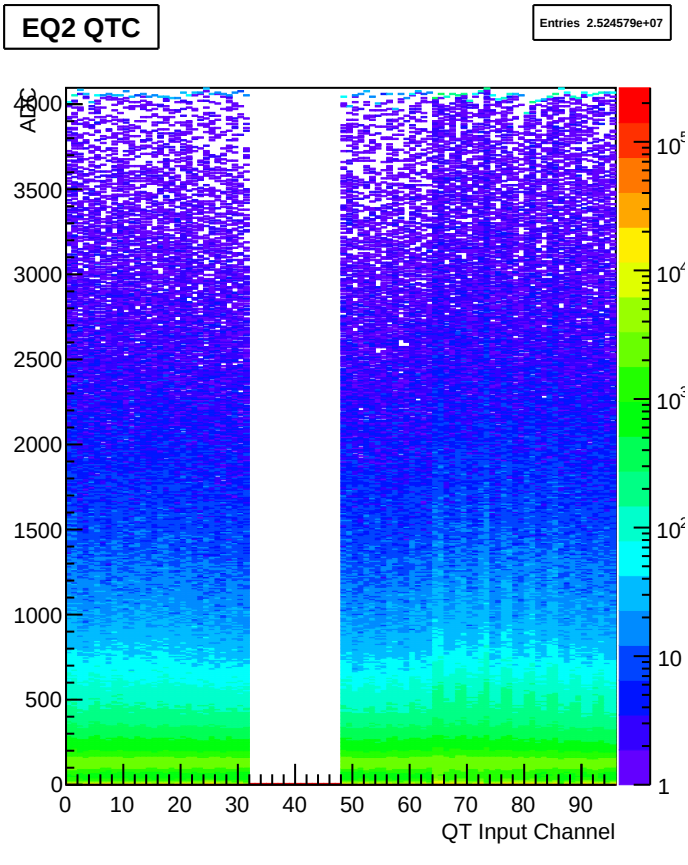

EQ1 QTB
Entries 2.626823e+07
TDC
QT Input Channel

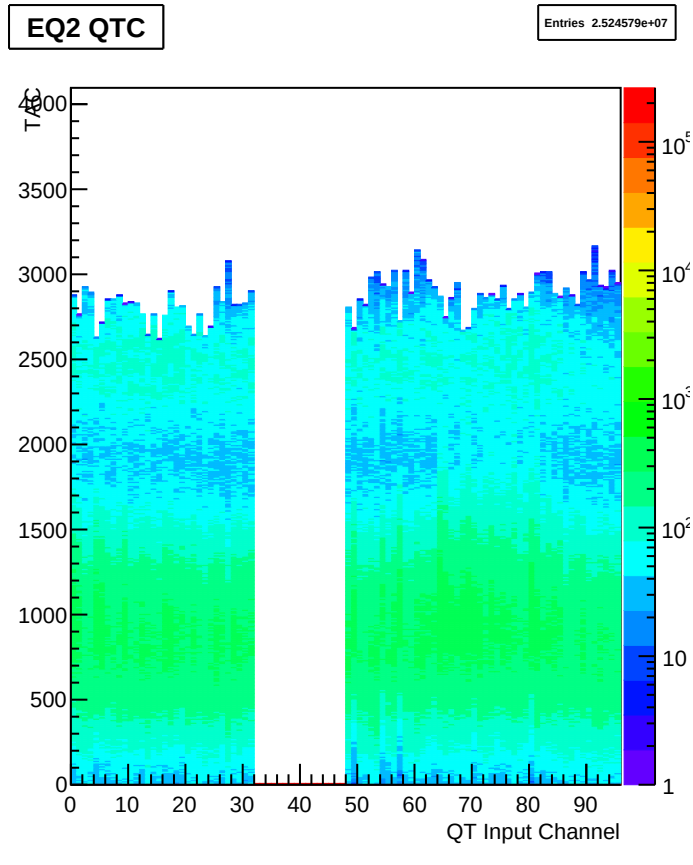

EQ1 QTC
Entries 2.524579e+07
ADC
QT Input Channel

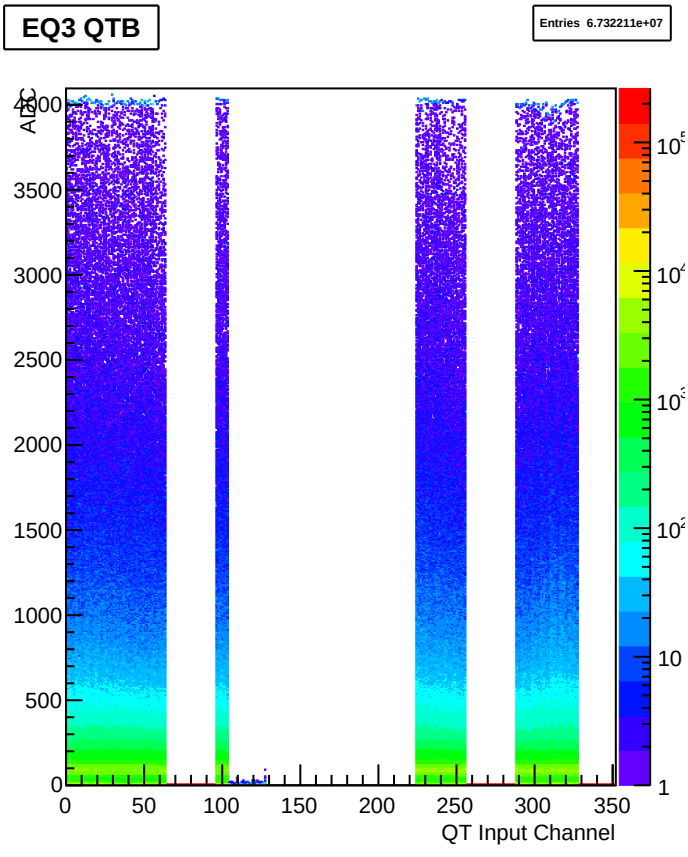

EQ1 QTC
Entries 2.524579e+07
TADC
QT Input Channel

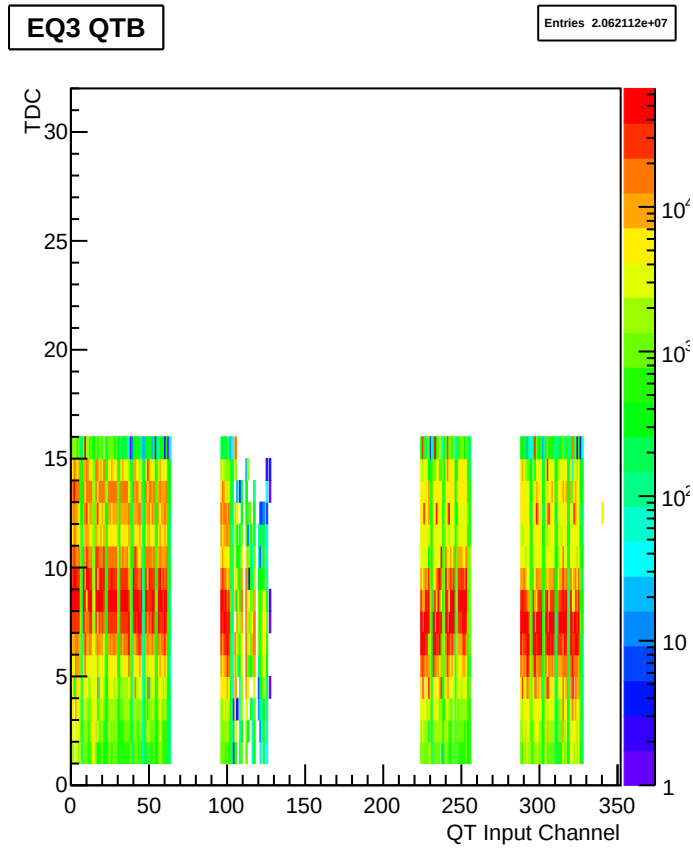

EQ2 QTB
Entries 7.573738e+07
ADC
QT Input Channel

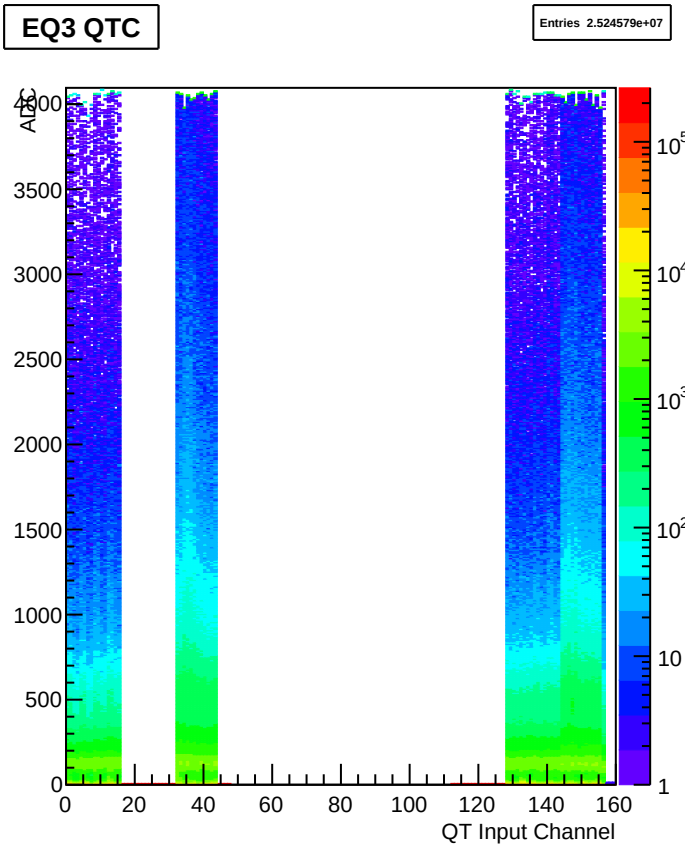

EQ2 QTB
Entries 2.636517e+07
TDC
QT Input Channel

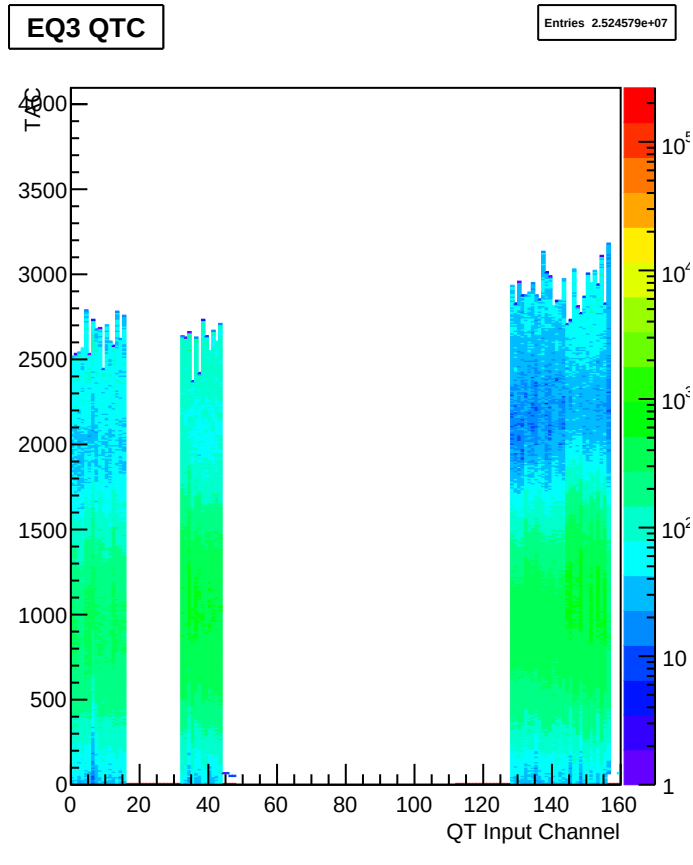

EQ2 QTC
Entries 2.524579e+07
ADC
QT Input Channel

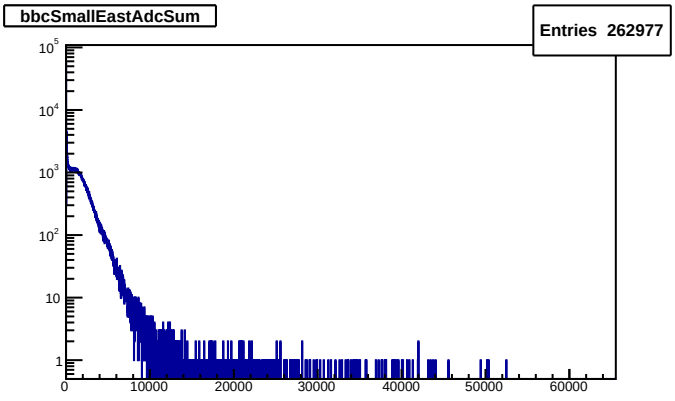

EQ2 QTC
Entries 2.524579e+07
TADC
QT Input Channel

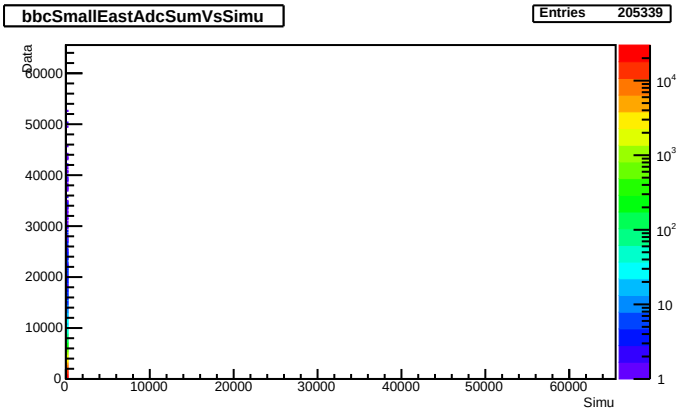

EQ3 QTB
Entries 6.732211e+07
ADC
QT Input Channel

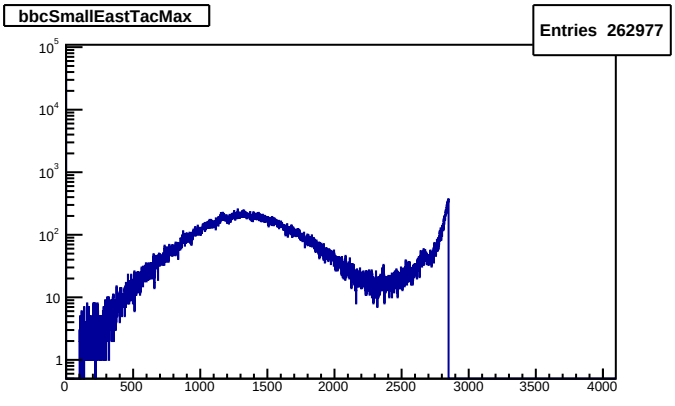

EQ3 QTB
Entries 2.062112e+07
TDC
QT Input Channel

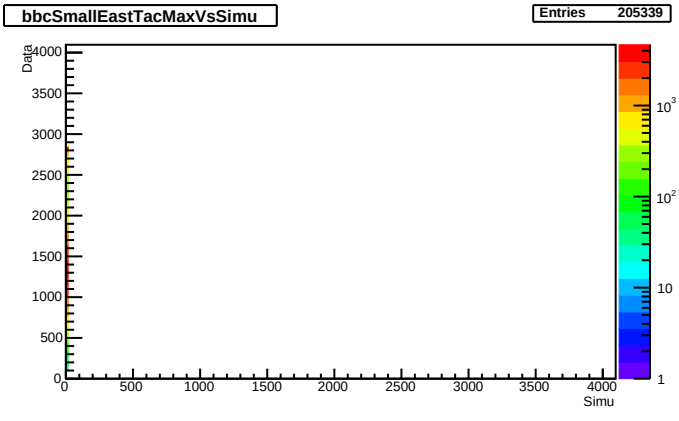

EQ3 QTC
Entries 2.524579e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.524579e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 262977


bbcSmallEastAdcSumVsSimu
Entries 205339
Data
Simu


bbcSmallEastTacMax
Entries 262977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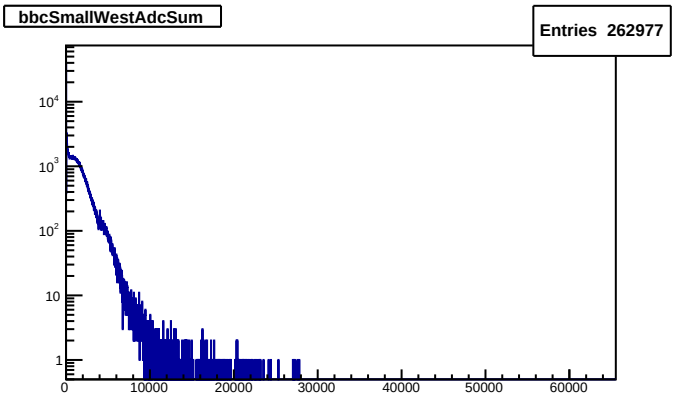
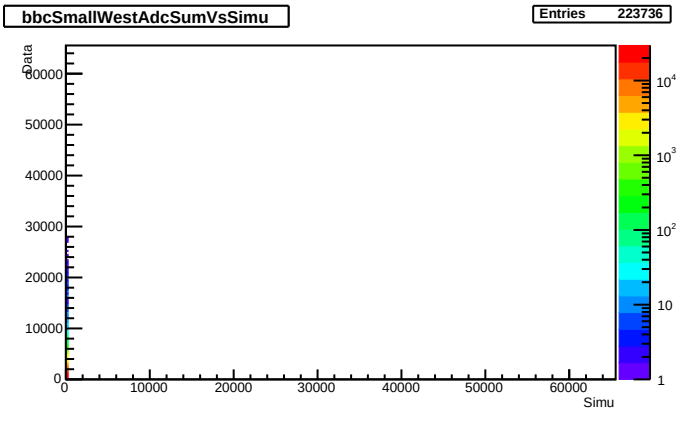
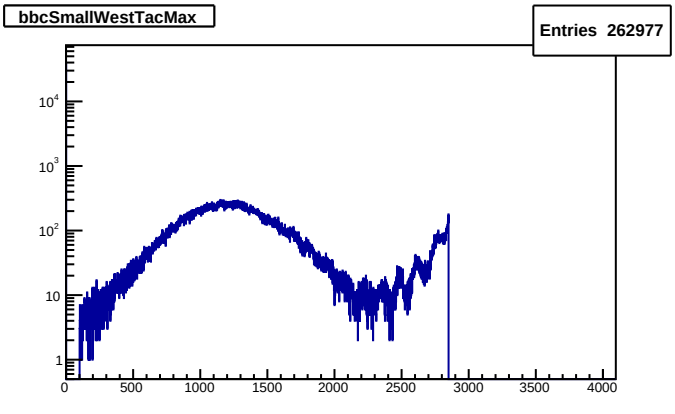
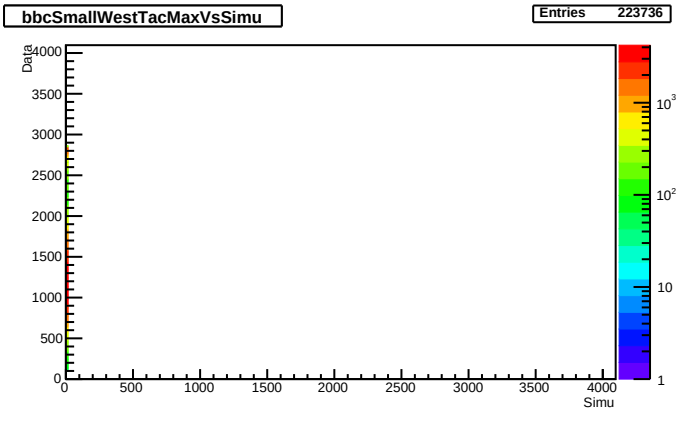
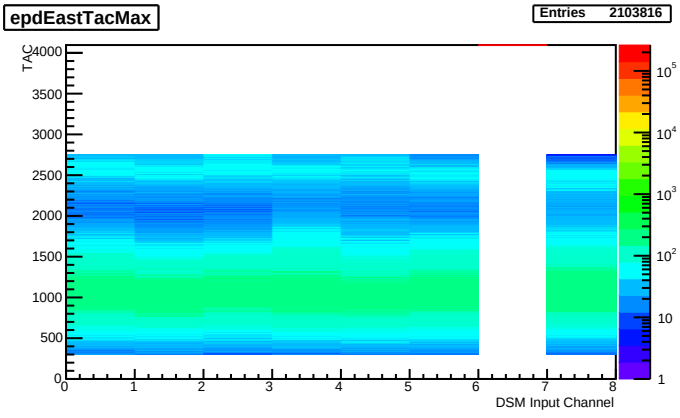
Entries 205339
Data
Simu

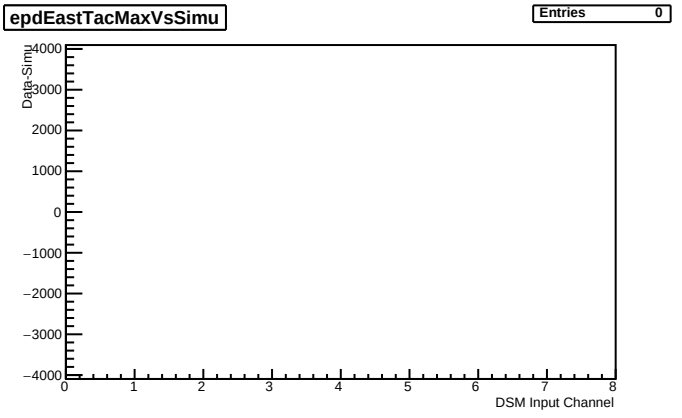

bbcSmallWestAdcSum
Entries 262977

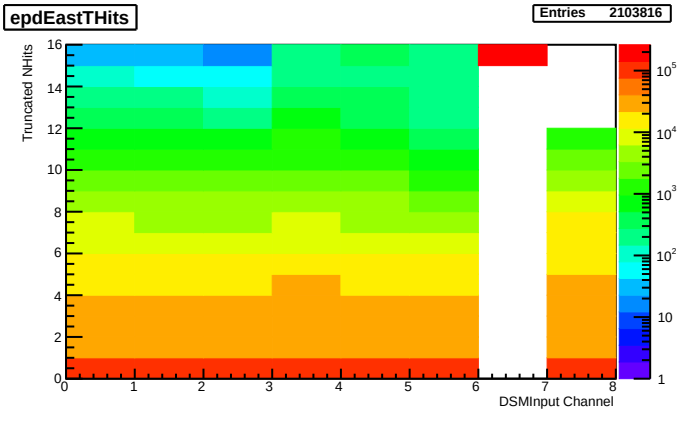

bbcSmallWestAdcSumVsSimu
Entries 223736
Data
Simu

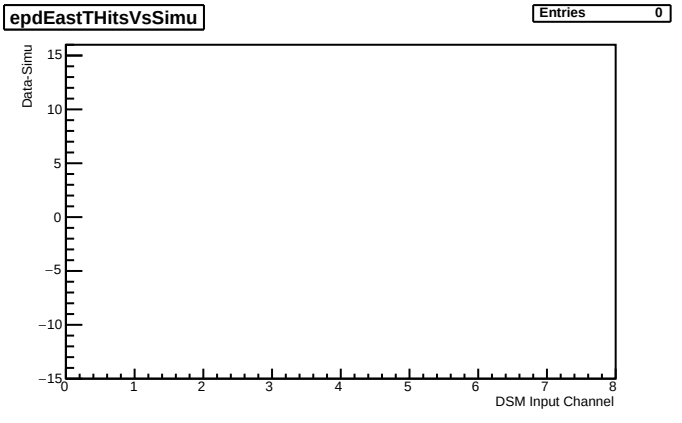

bbcSmallWestTacMax
Entries 262977

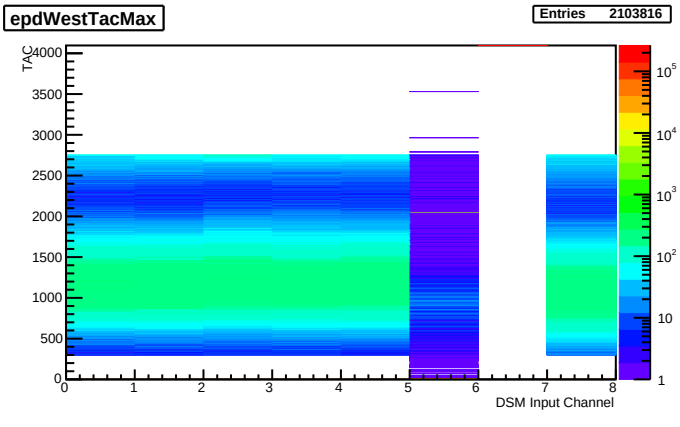

bbcSmallWestTacMaxVsSimu
Entries 223736
Data
Simu

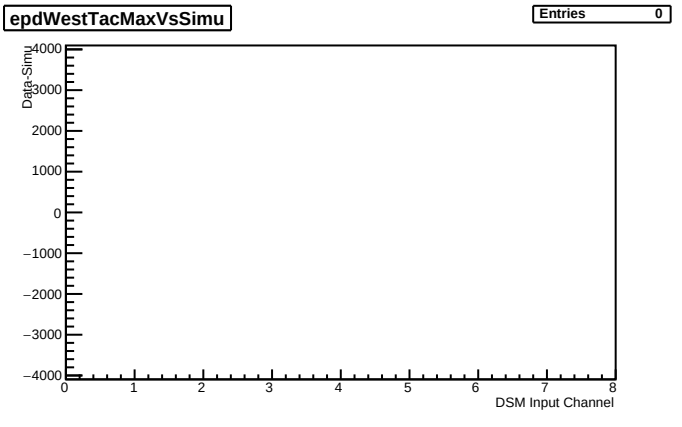

epdEastTacMax
Entries 2103816
TAC
DSM Input Channel

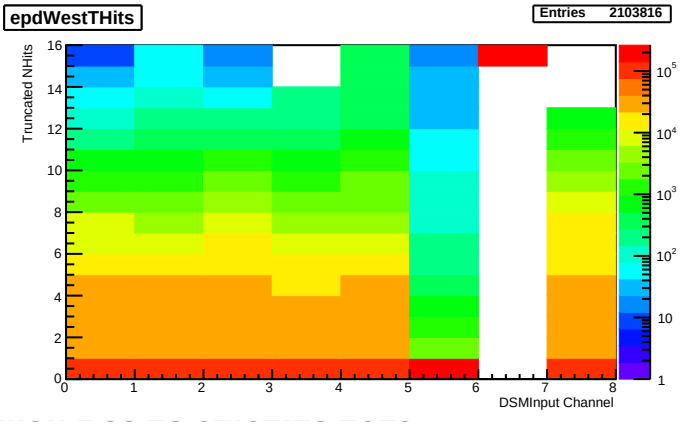

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

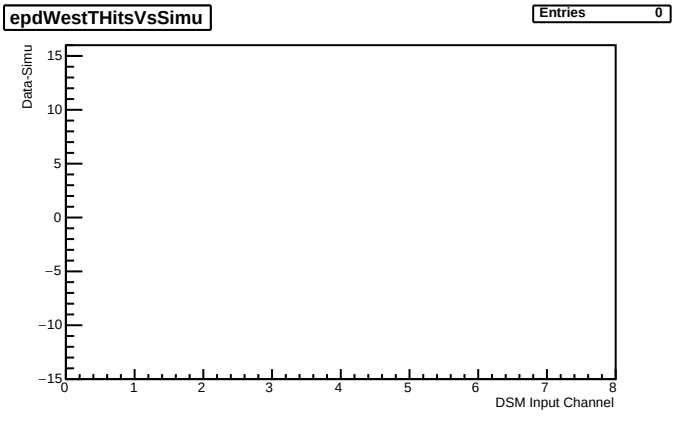

epdEastTHits
Entries 2103816
Truncated NHits
DSMInput Channel

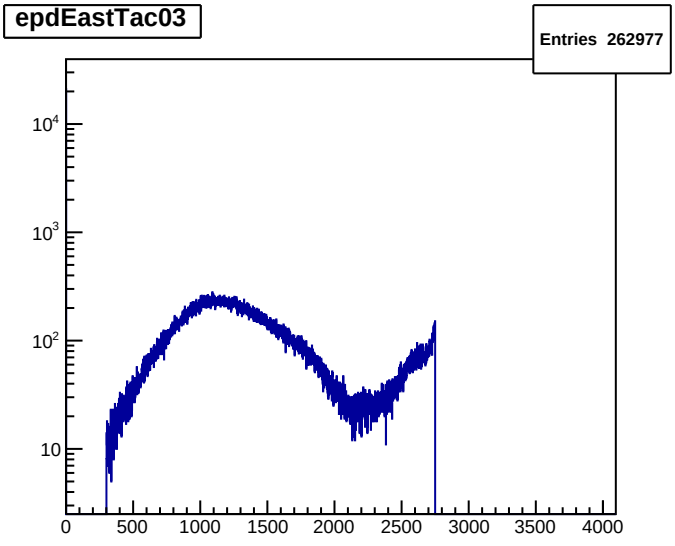

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

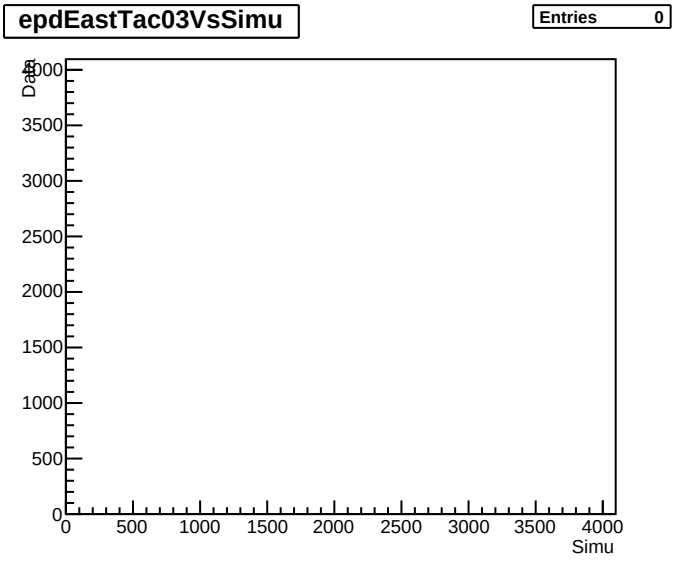

epdWestTacMax
Entries 2103816
TAC
DSM Input Channel

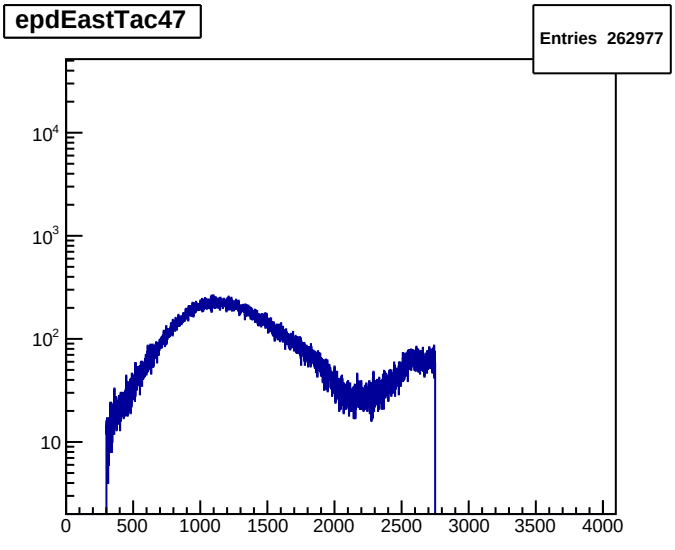

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

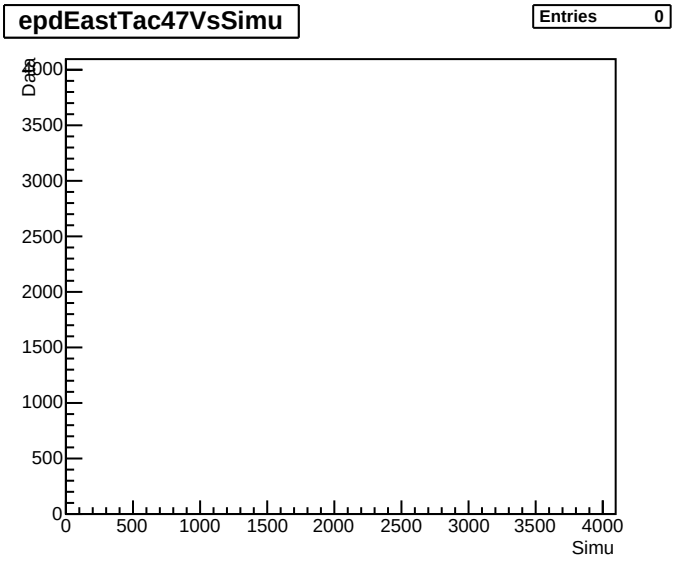

epdWestTHits
Entries 2103816
Truncated NHits
DSMInput Channel

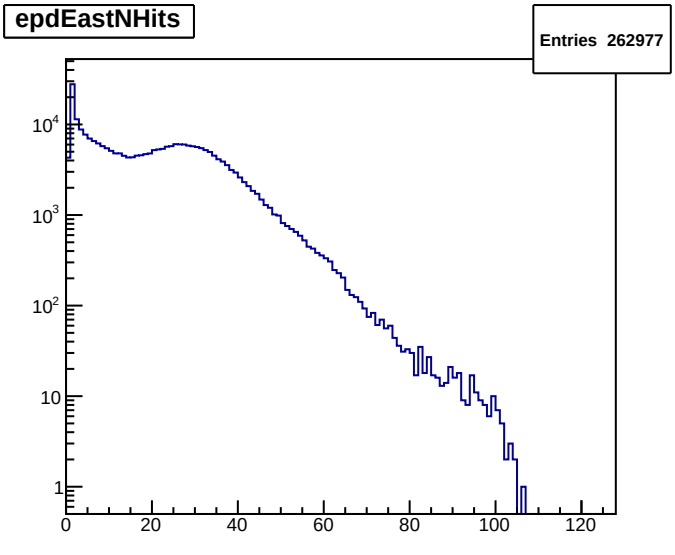

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

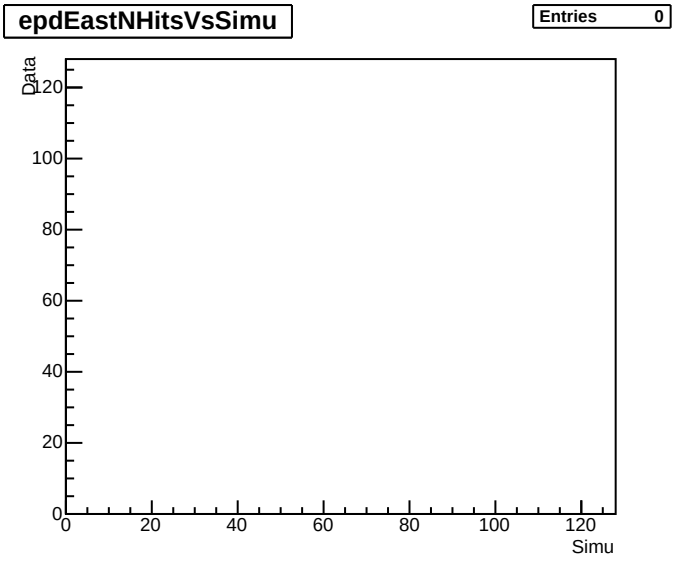

epdEastTac03
Entries 262977

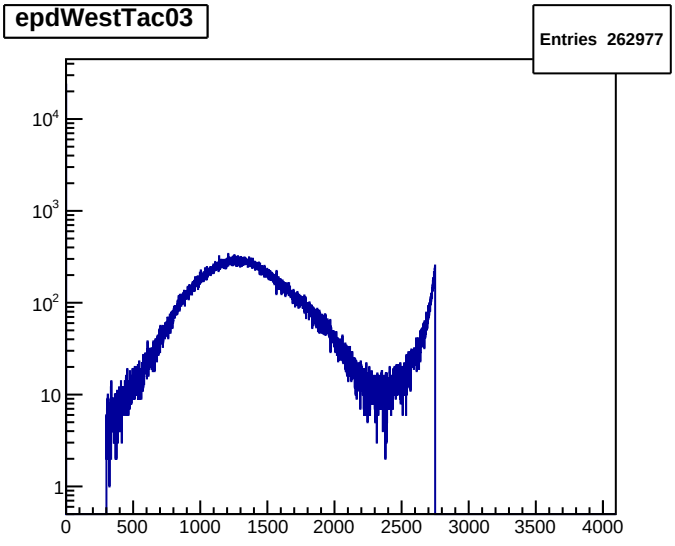

epdEastTac03VsSimu
Entries 0
Data
Simu

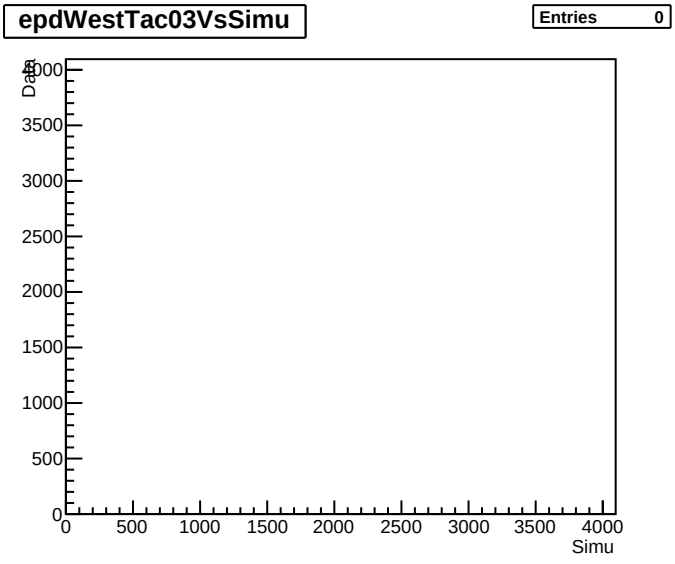

epdEastTac47
Entries 262977

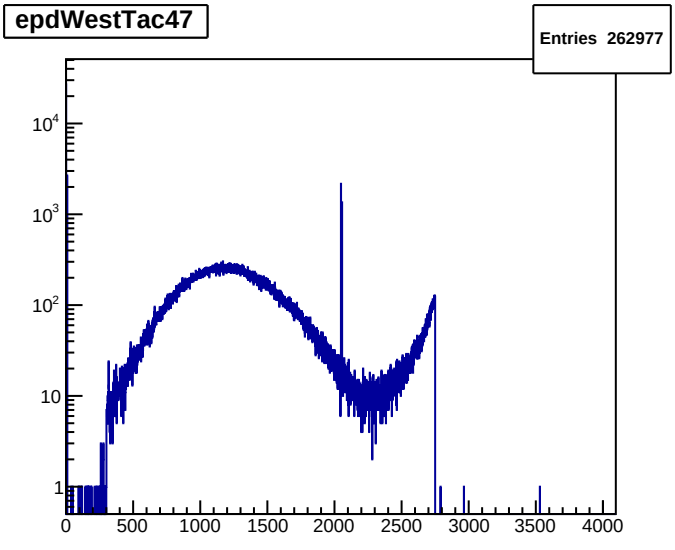

epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 262977


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 262977


epdWestTac03VsSimu
Entries 0
Data
Simu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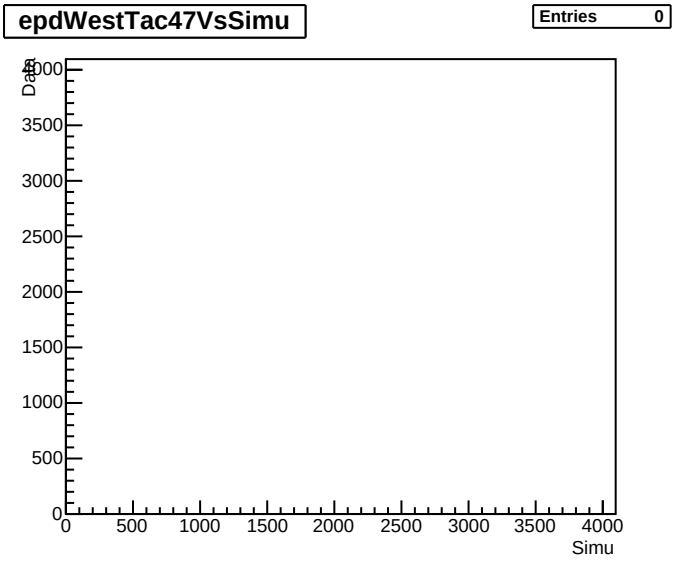
Entries 262977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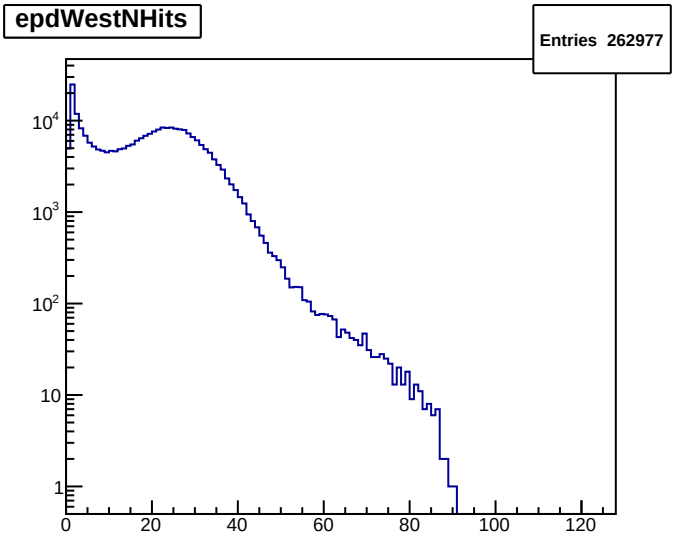
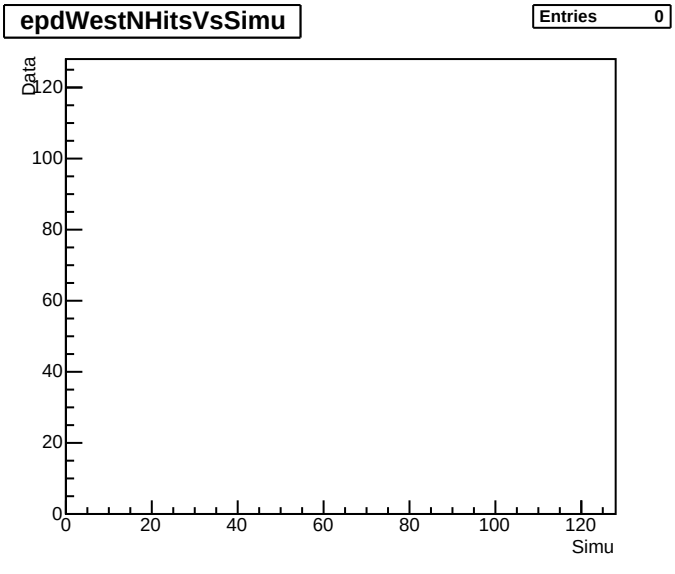
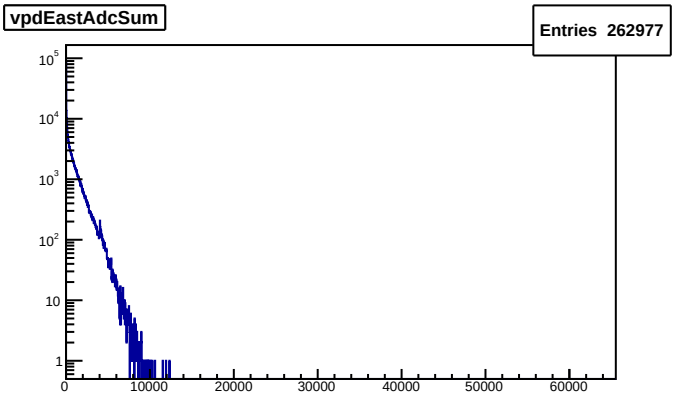
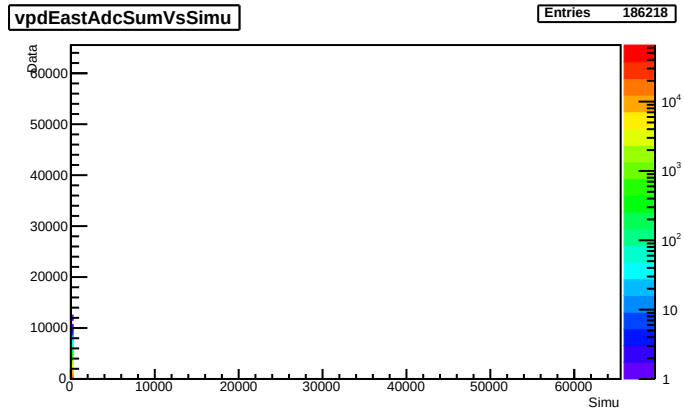
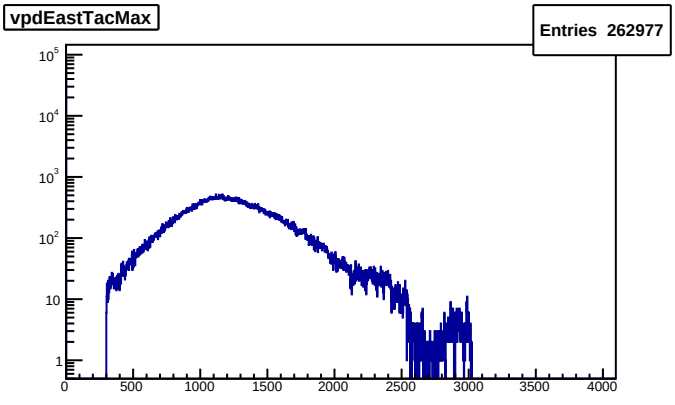
Entries 0
Data
Simu

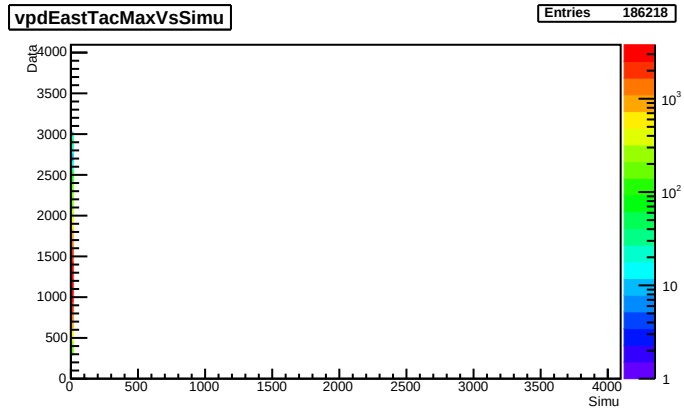

epdWestNHits
Entries 262977

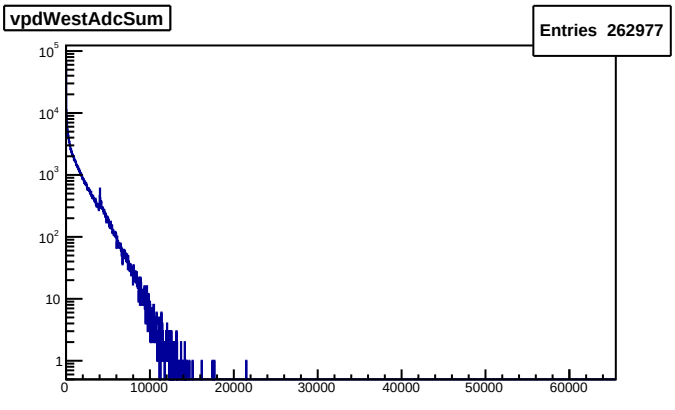

epdWestNHitsVsSimu
Entries 0
Data
Simu

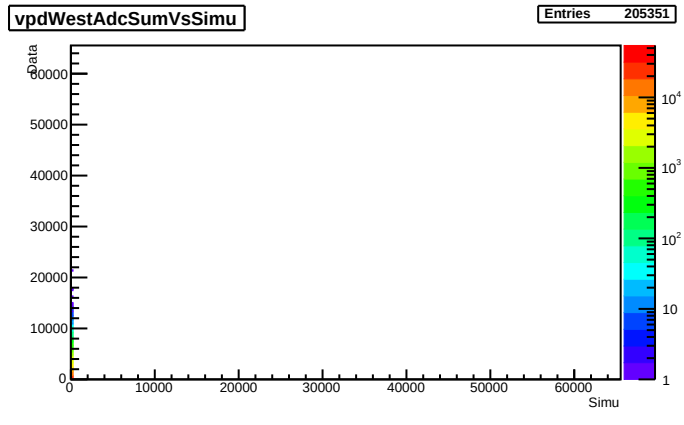

vpdEastAdcSum
Entries 262977

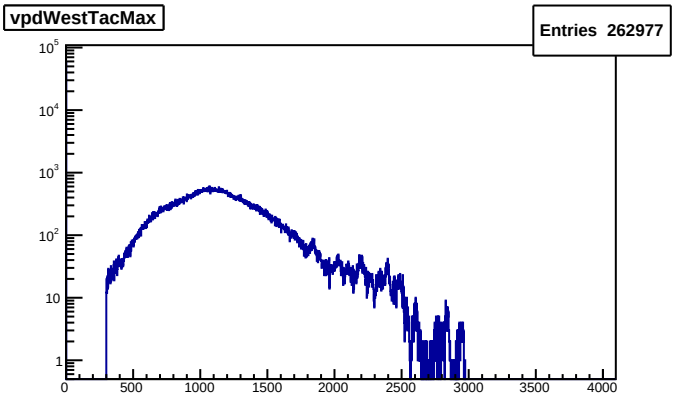

vpdEastAdcSumVsSimu
Entries 186218
Data
Simu

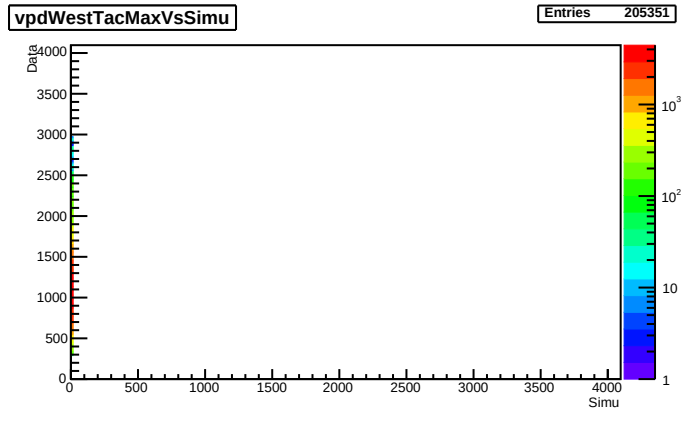

vpdEastTacMax
Entries 262977

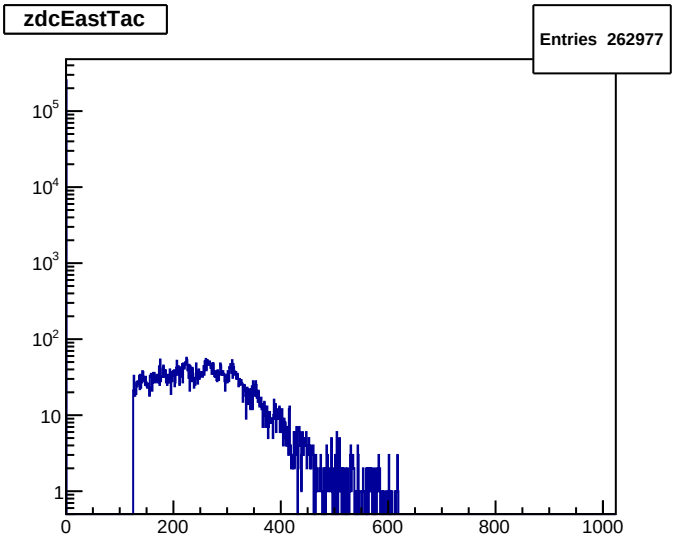

vpdEastTacMaxVsSimu
Entries 186218
Data
Simu

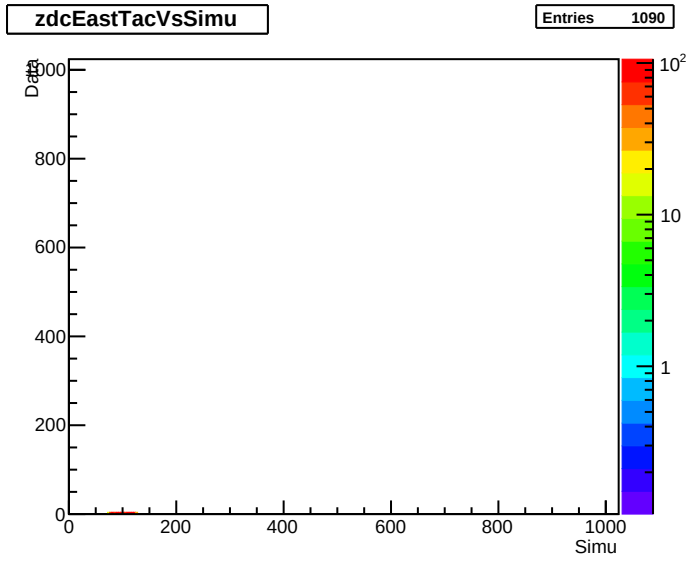

vpdWestAdcSum
Entries 262977

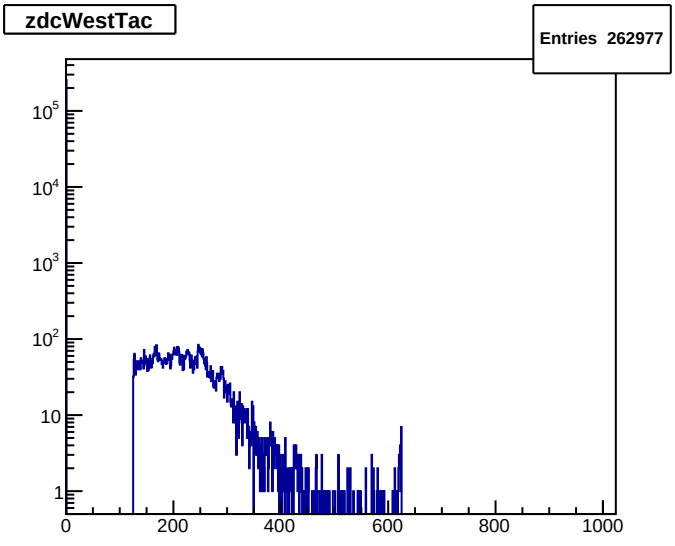

vpdWestAdcSumVsSimu
Entries 205351
Data
Simu

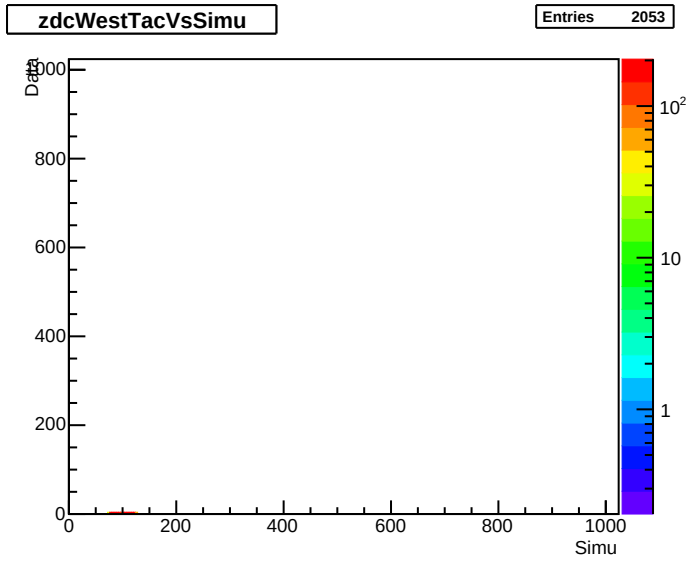

vpdWestTacMax
Entries 262977

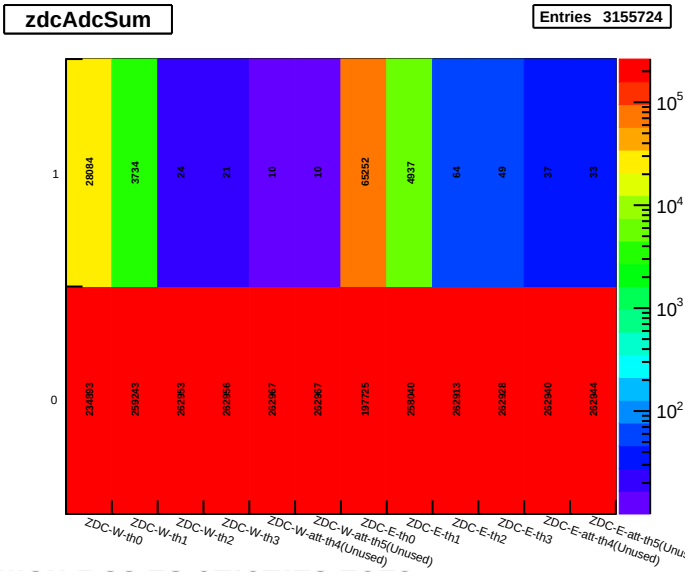

vpdWestTacMaxVsSimu
Entries 205351
Data
Simu

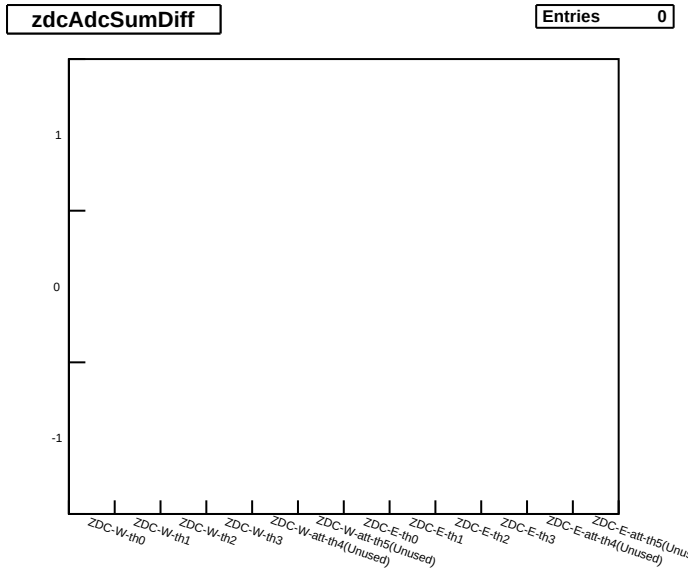

zdcEastTac
Entries 262977

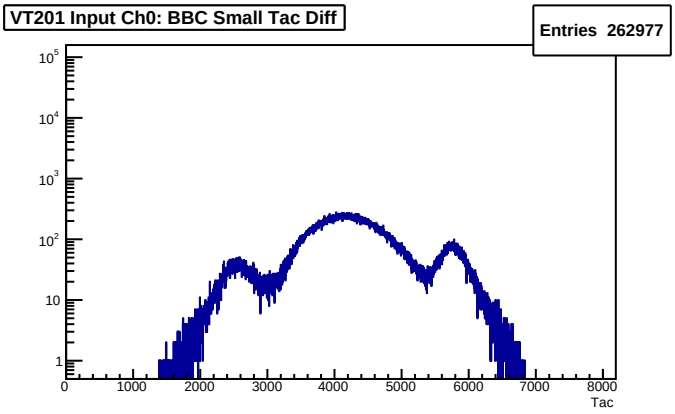

zdcEastTacVsSimu
Entries 1090
Data
Simu

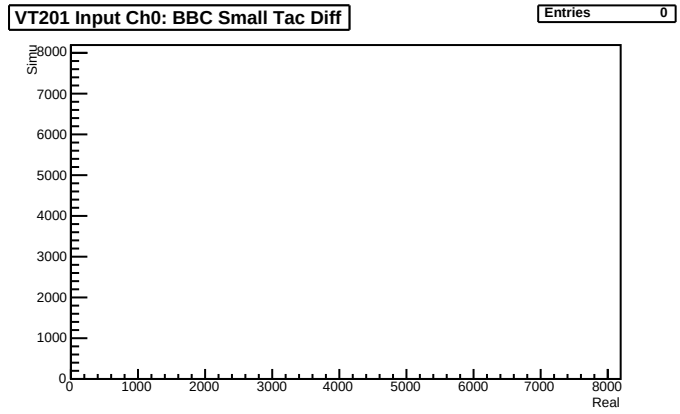

zdcWestTac
Entries 262977

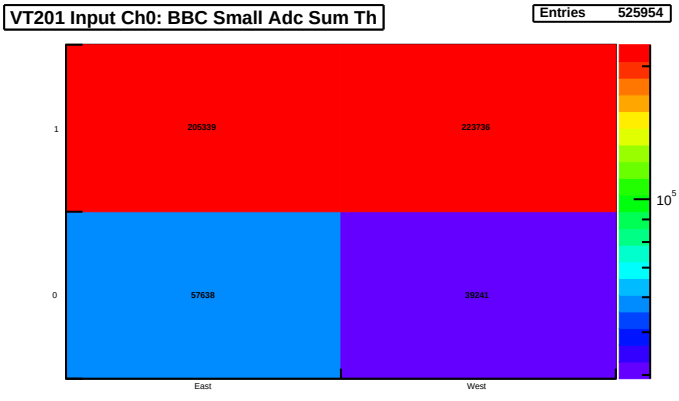

zdcWestTacVsSimu
Entries 2053
Data
Simu

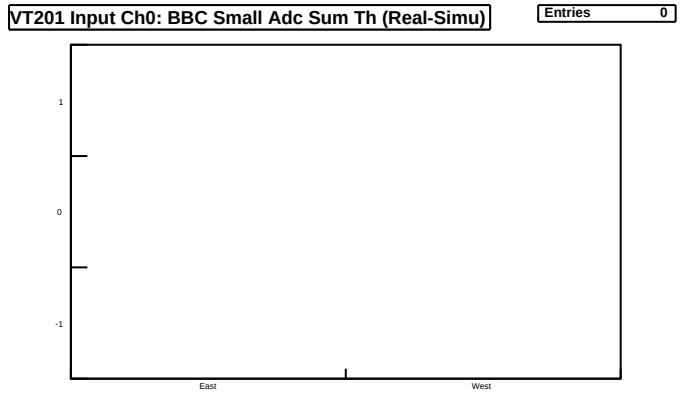

zdcAdcSum
Entries 3155724
28084
3734
24
21
10
10
65252
4937
64
49
37
33
234893
259243
262953
262956
262967
262967
197725
258040
262913
262928
262940
262944
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

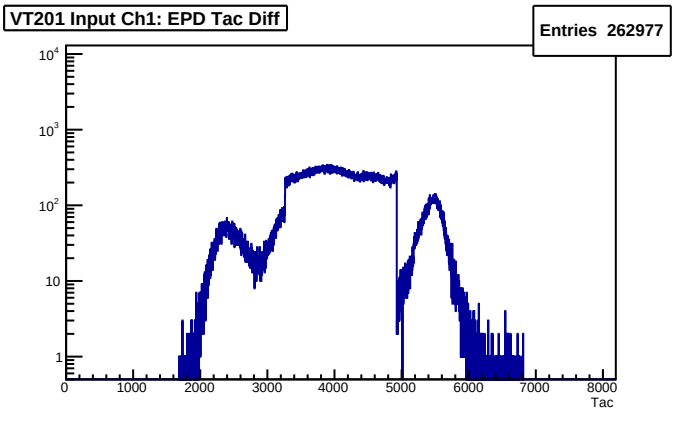

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

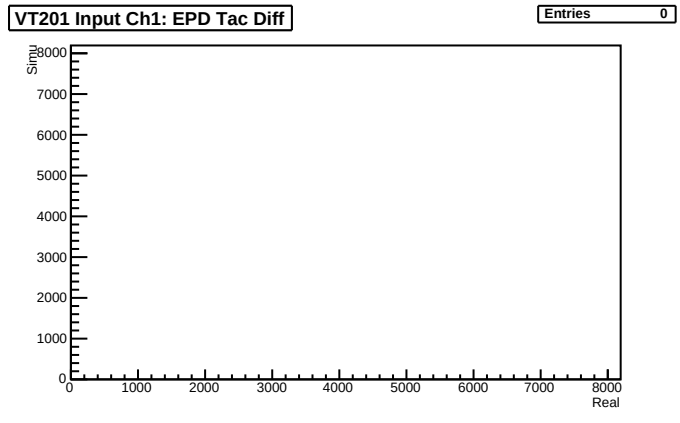

VT201 Input Ch0: BBC Small Tac Diff
Entries 262977
Tac

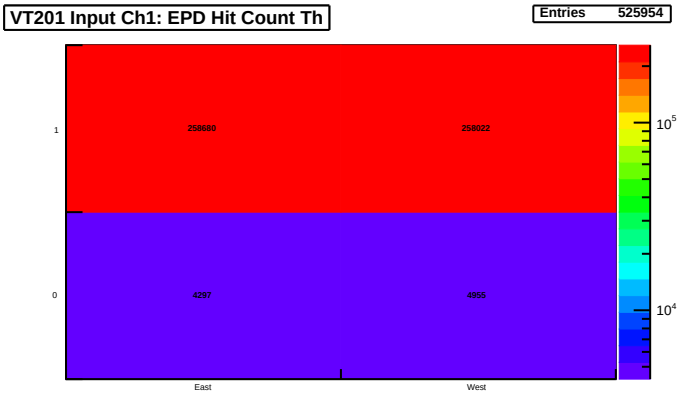

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

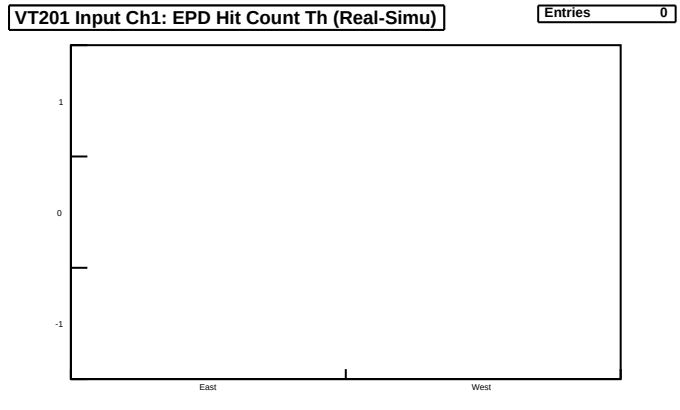

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 525954
205339
223736
57638
39241
East
West

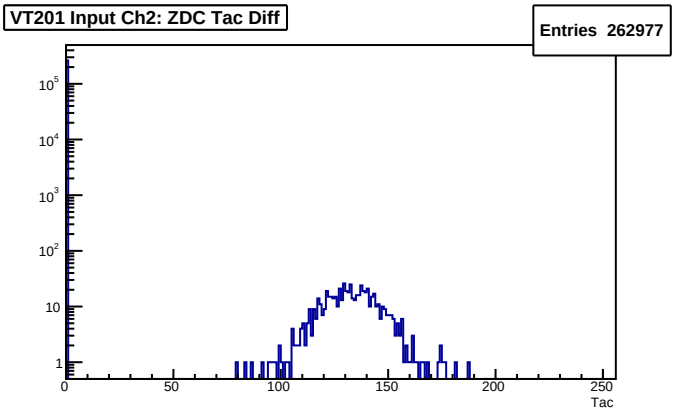

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

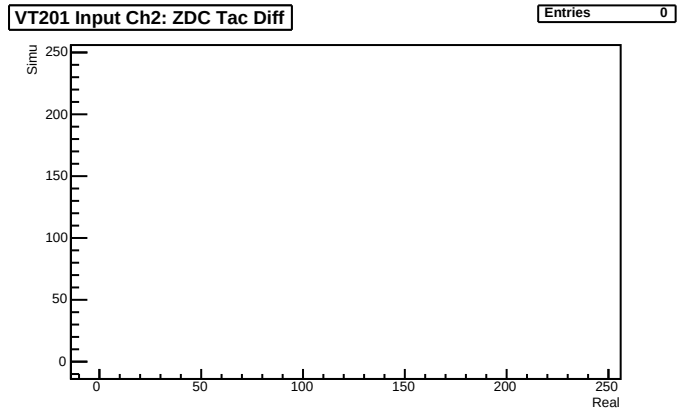

VT201 Input Ch1: EPD Tac Diff
Entries 262977
Tac

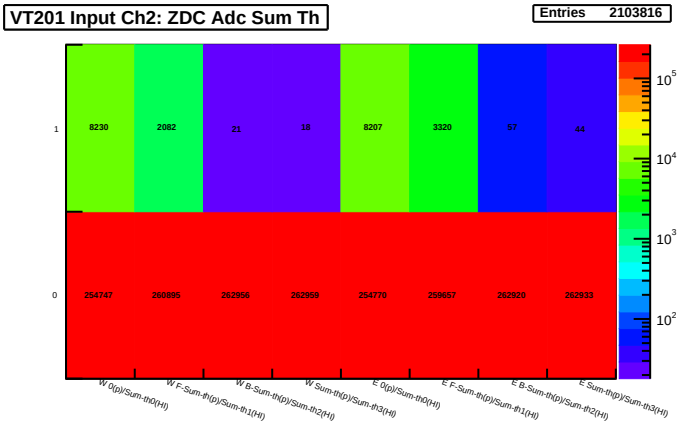

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

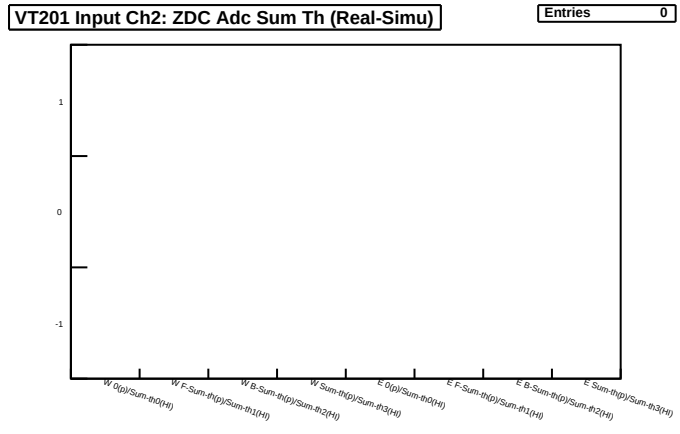

VT201 Input Ch1: EPD Hit Count Th
Entries 525954
258680
258022
4297
4955
East
West

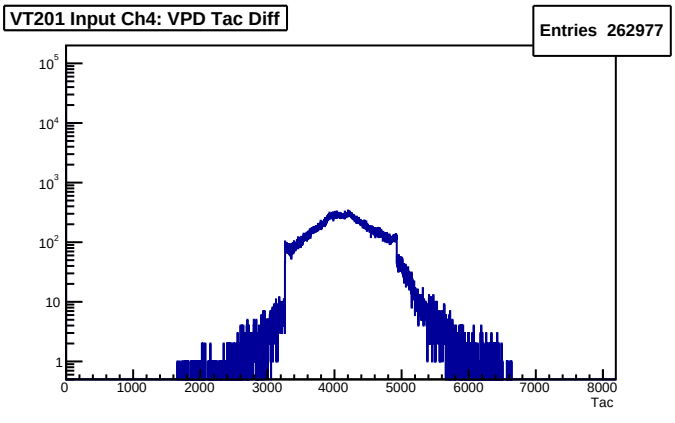

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

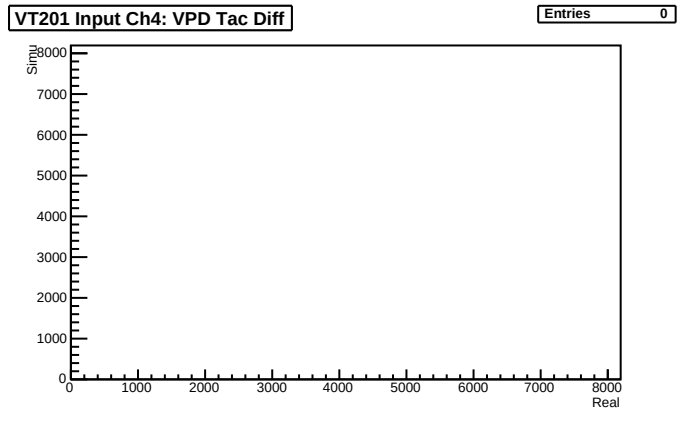

VT201 Input Ch2: ZDC Tac Diff
Entries 262977
Tac

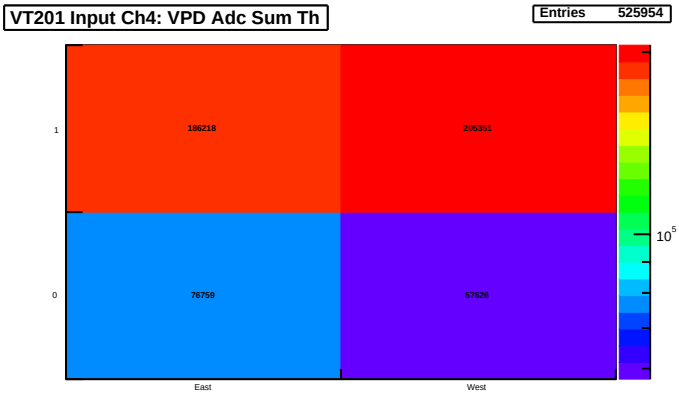

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

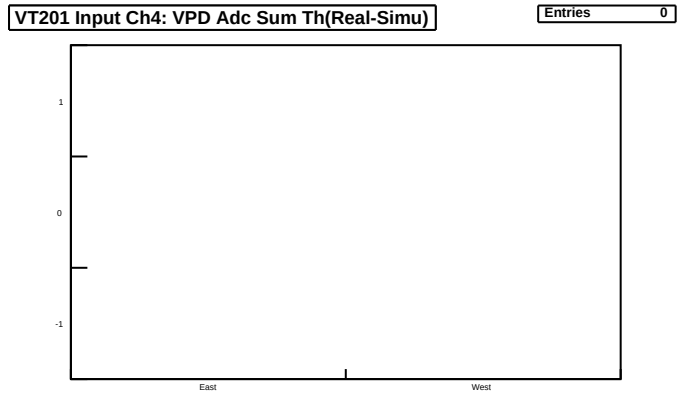

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2103816
8230
2082
21
18
8207
3320
57
44
254747
260895
262956
262959
254770
259657
262920
262933
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

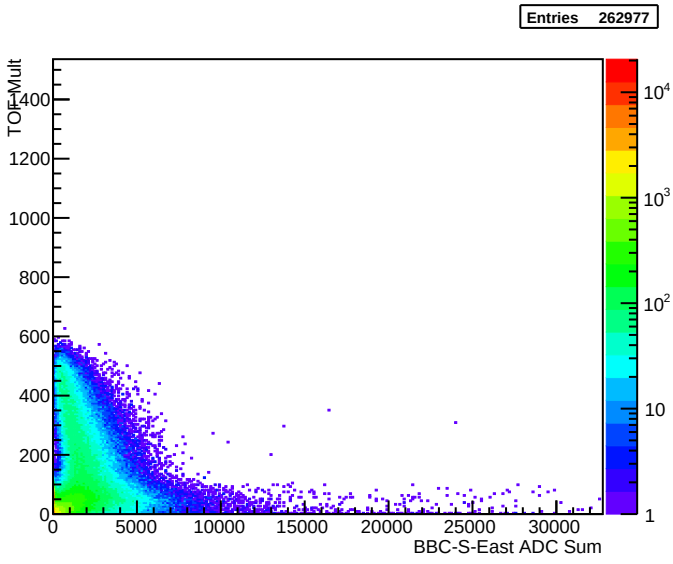

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

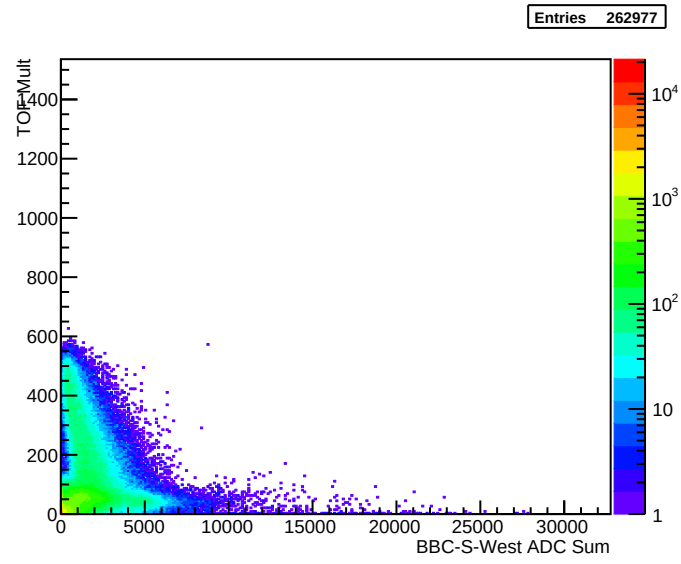

VT201 Input Ch4: VPD Tac Diff
Entries 262977
Tac

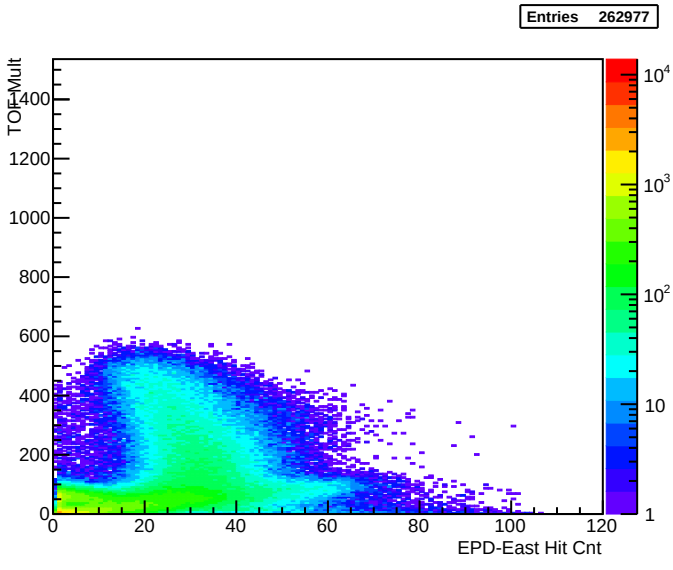

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

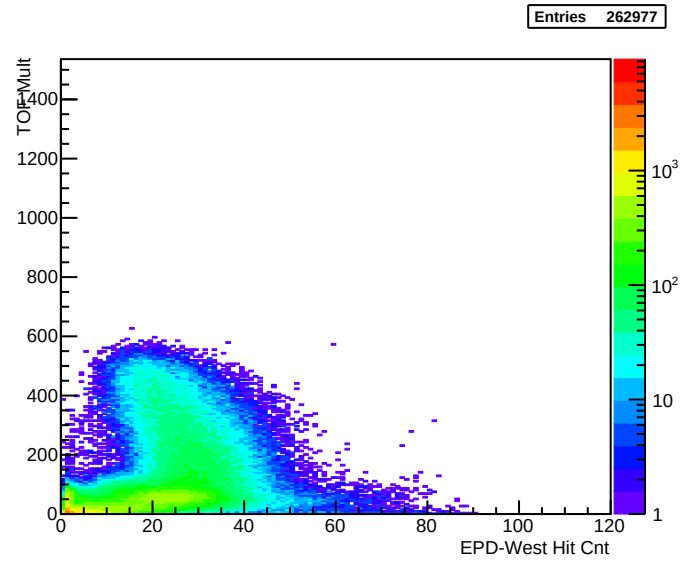

VT201 Input Ch4: VPD Adc Sum Th
Entries 525954
186218
205351
76759
57626
East
West

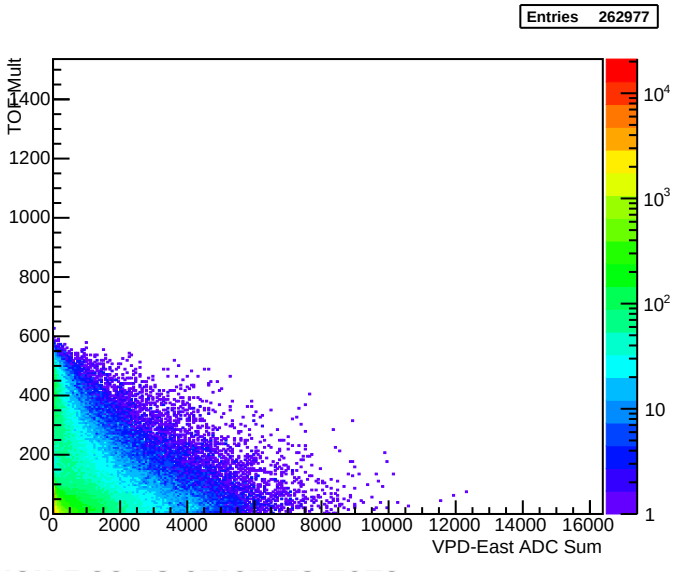

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

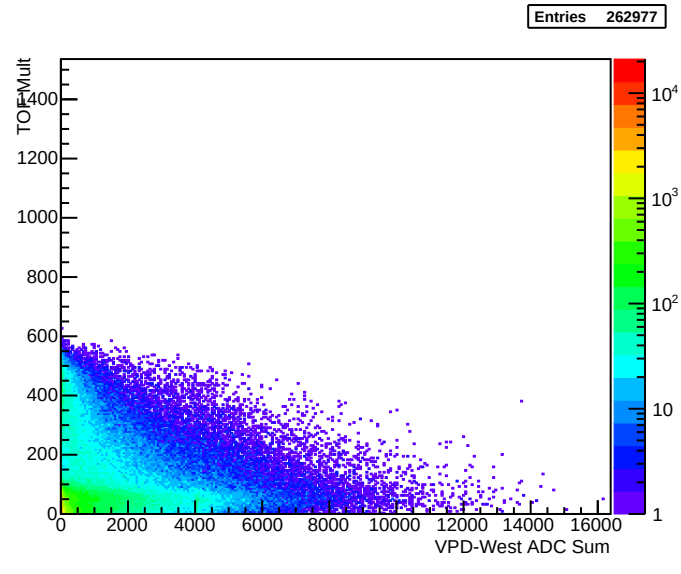

Entries 262977
TOF-Mult
BBC-S-East ADC Sum

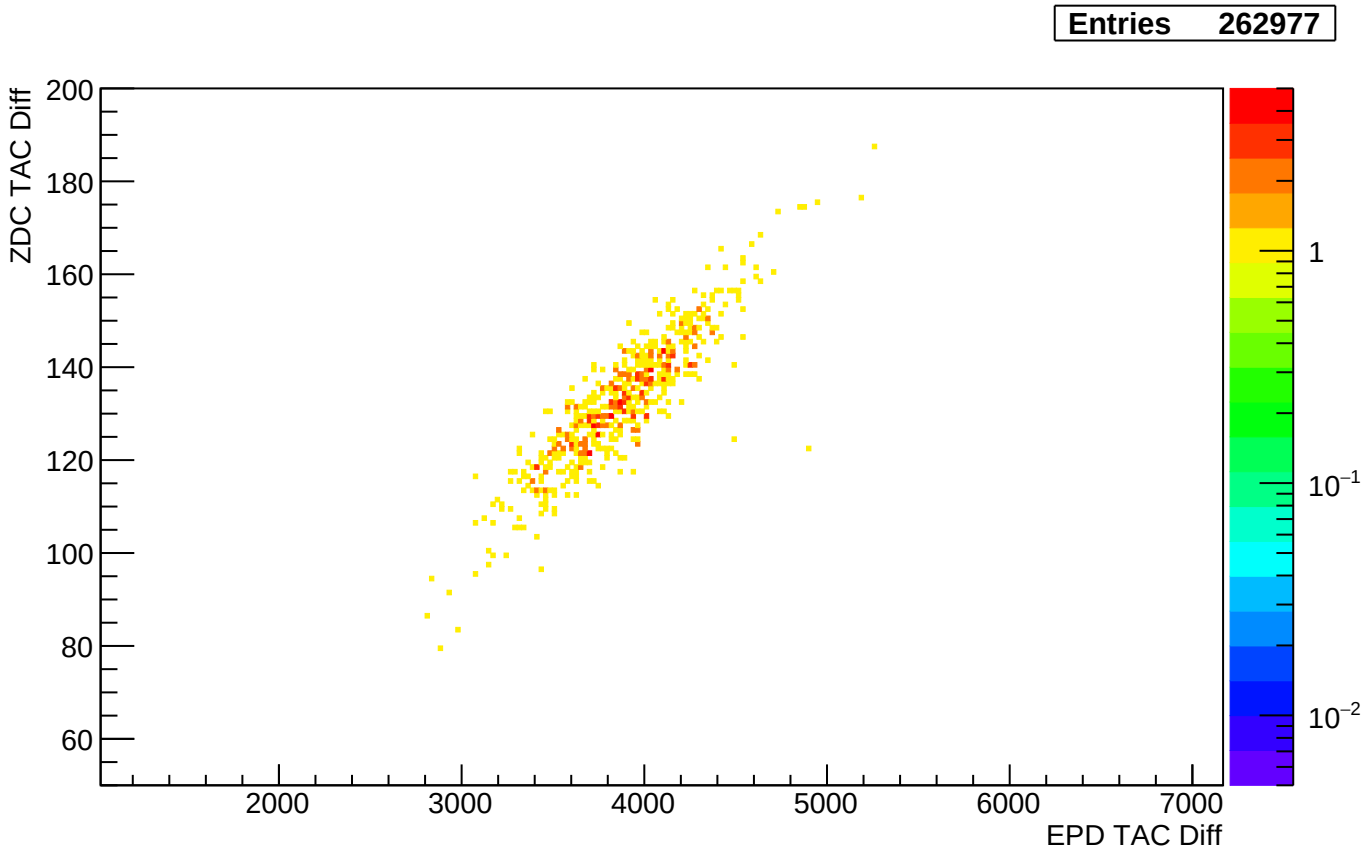

Entries 262977
TOF-Mult
BBC-S-West ADC Sum

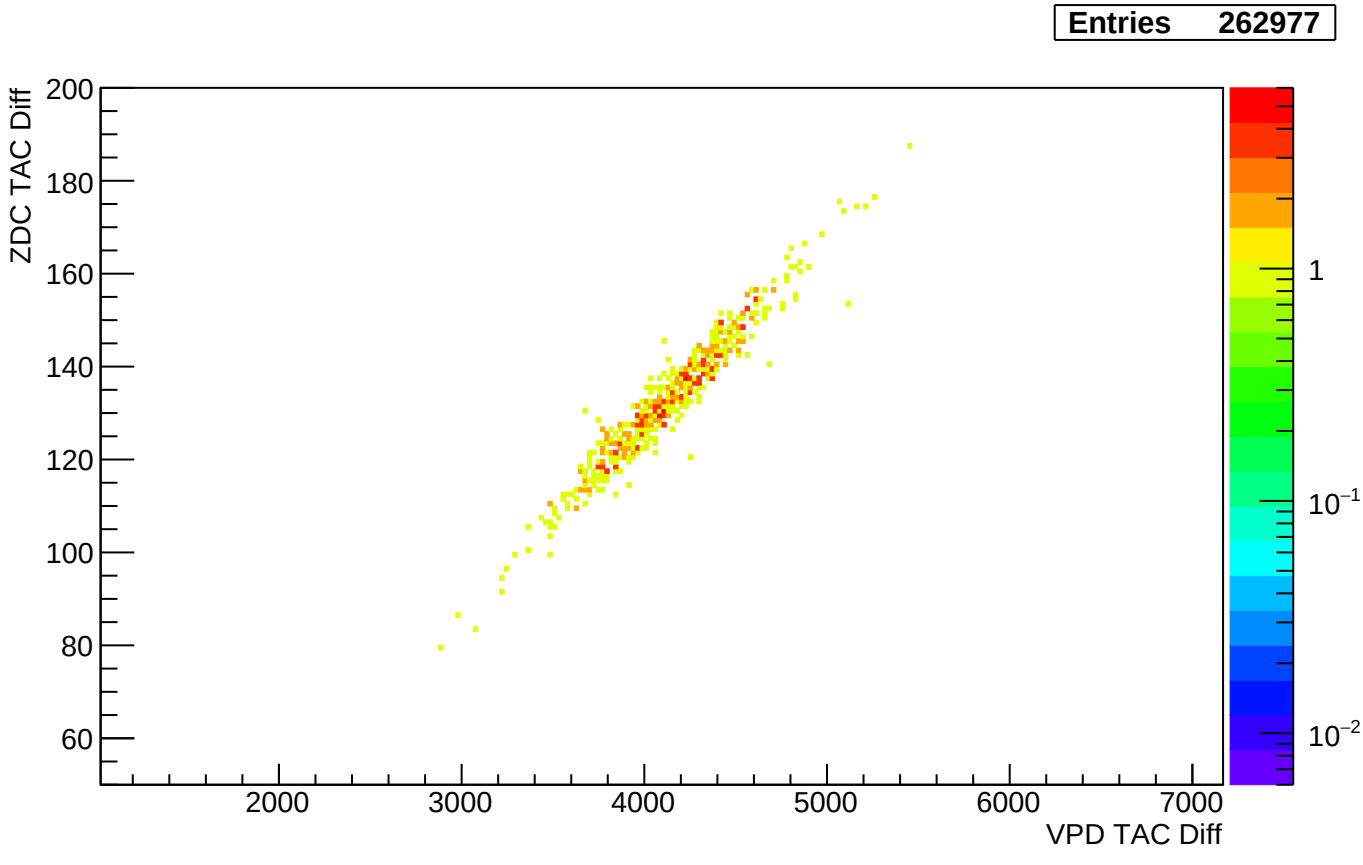

Entries 262977
TOF-Mult
EPD-East Hit Cnt

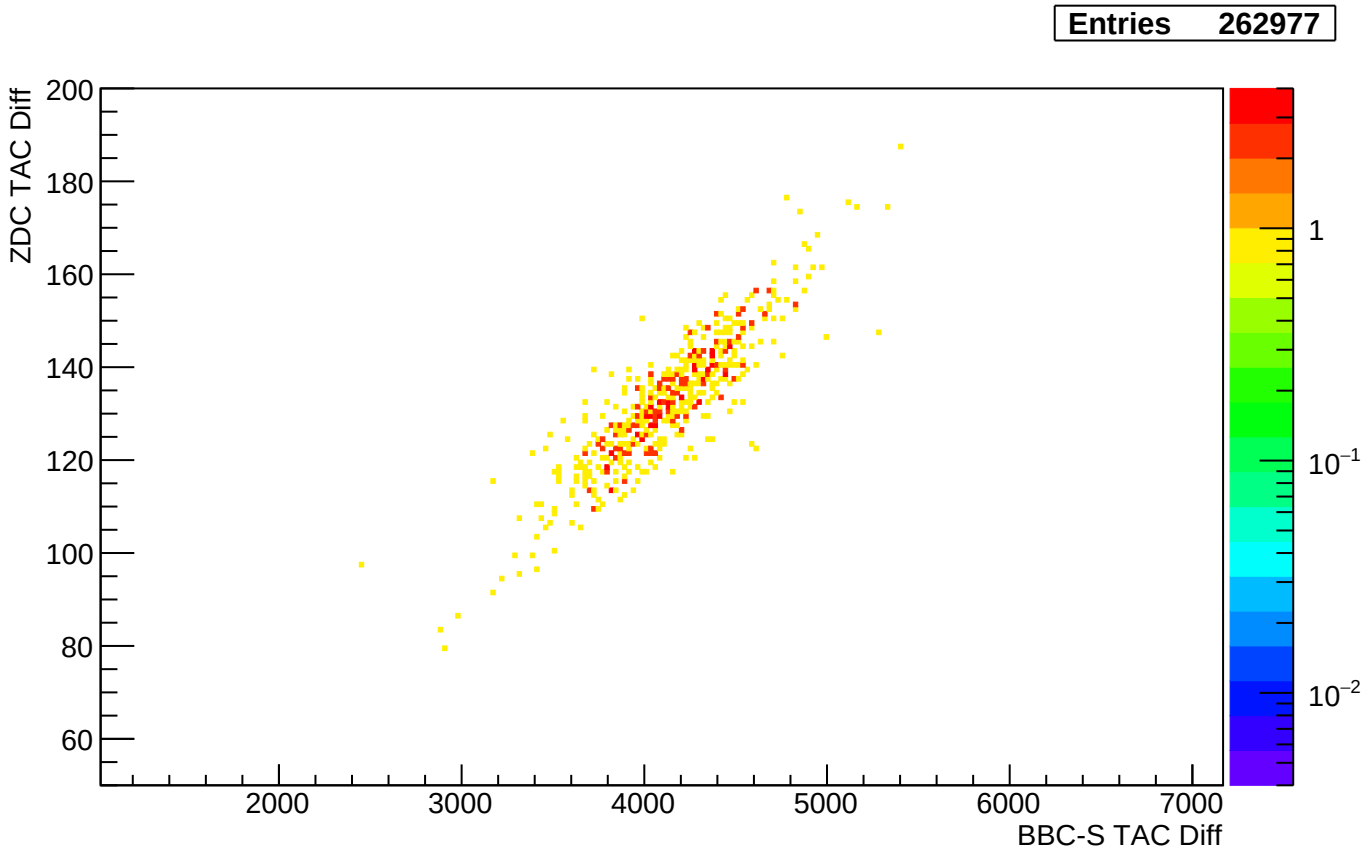

Entries 262977
TOF-Mult
EPD-West Hit Cnt

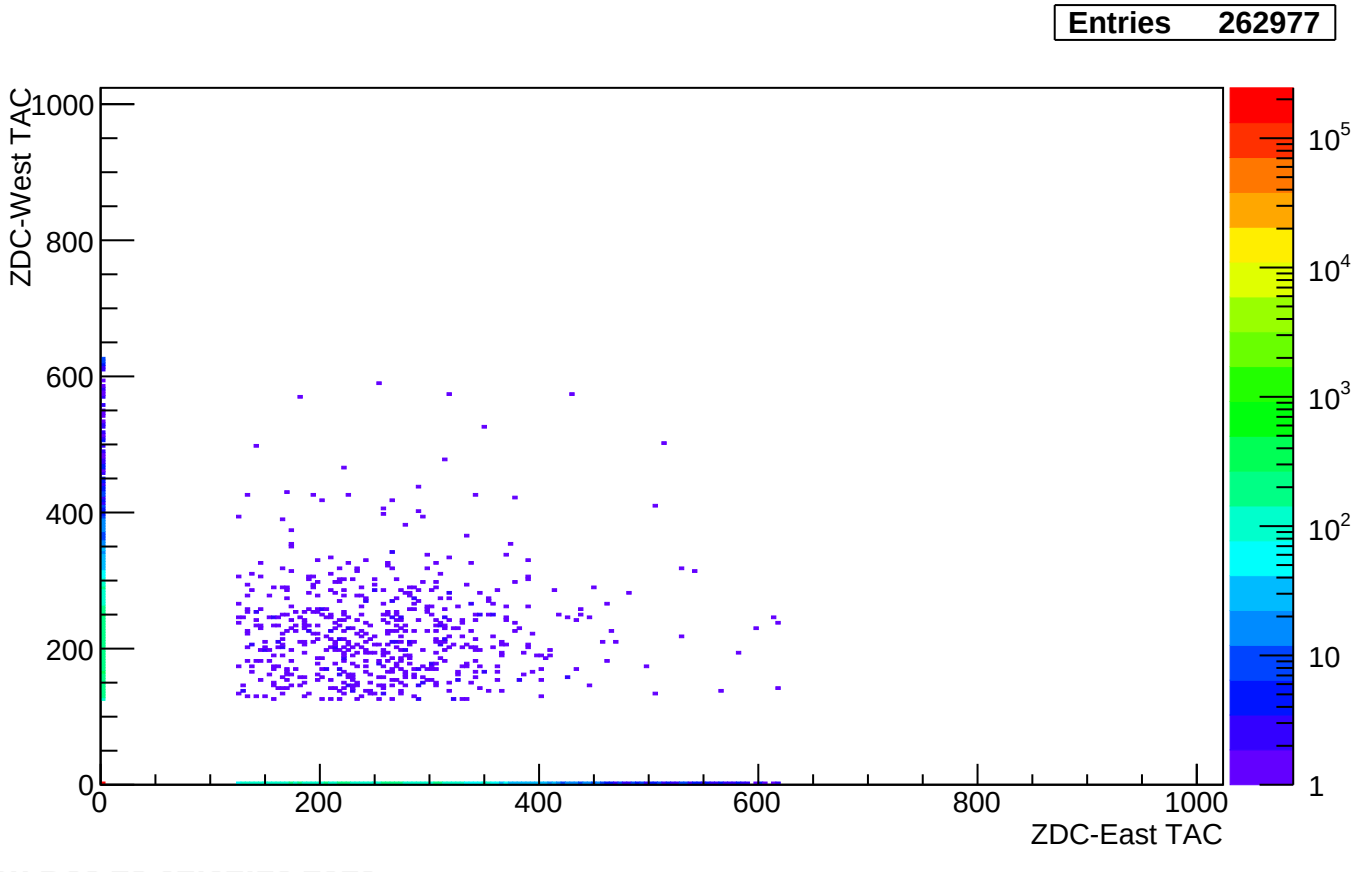

Entries 262977
TOF-Mult
VPD-East ADC Sum

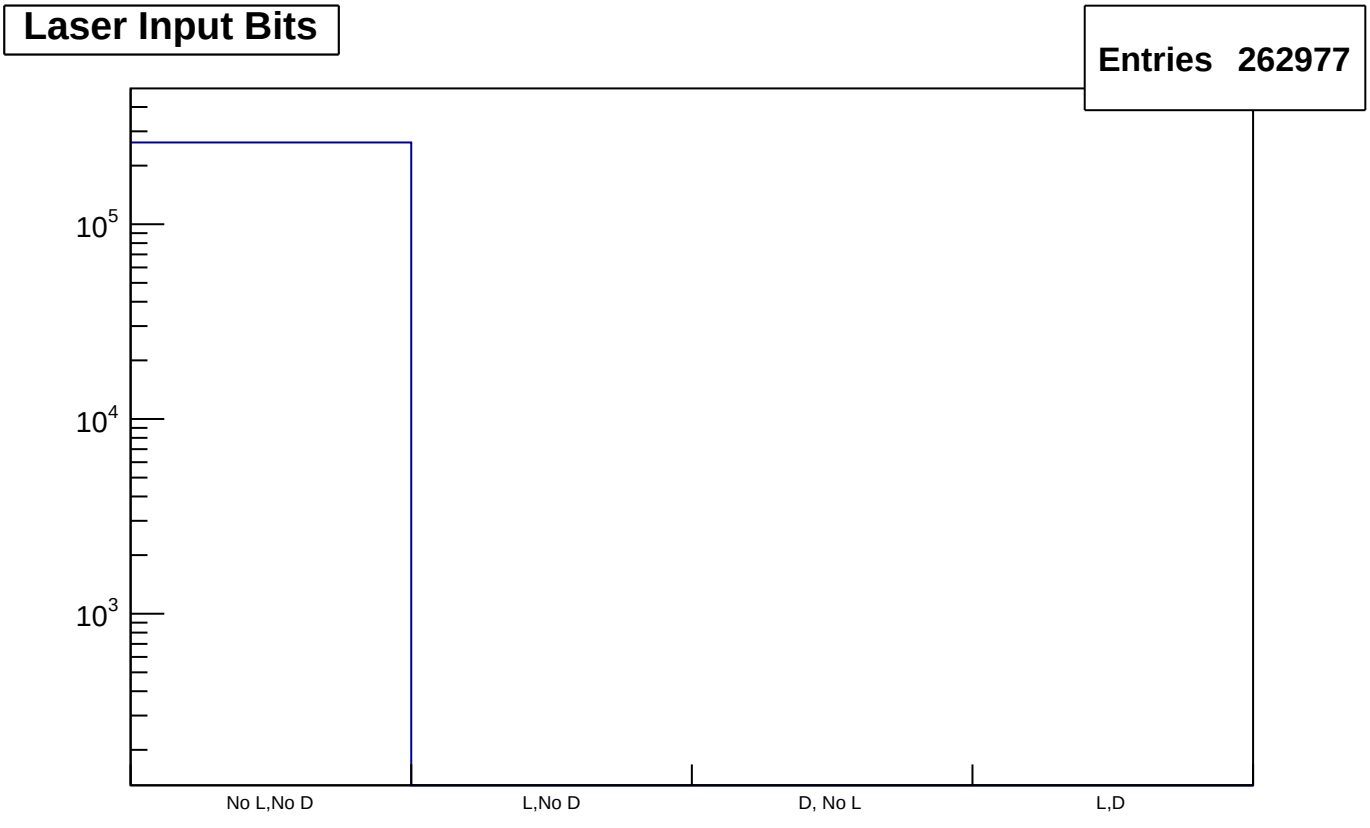

Entries 262977
TOF-Mult
VPD-West ADC Sum

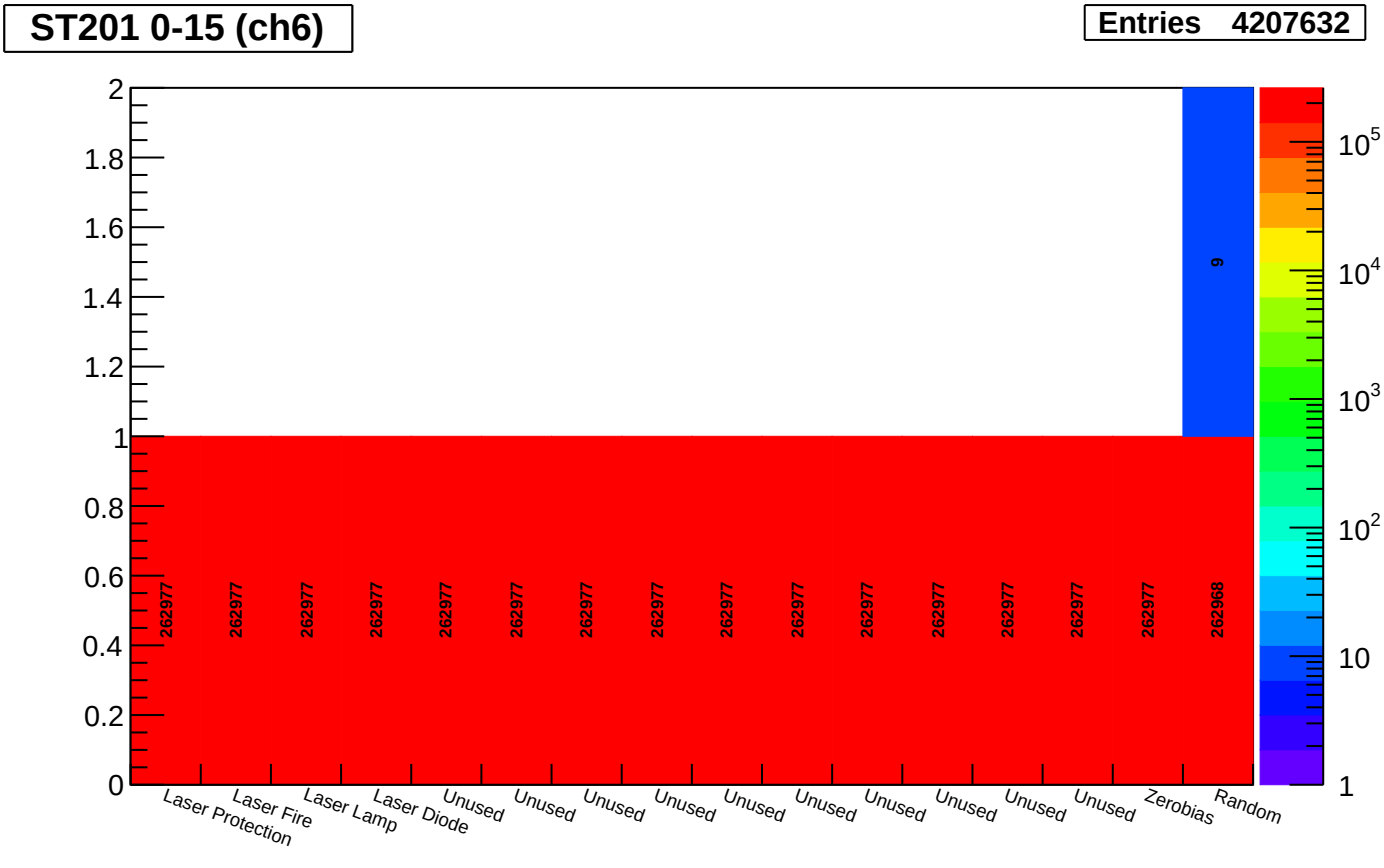

Entries 262977
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

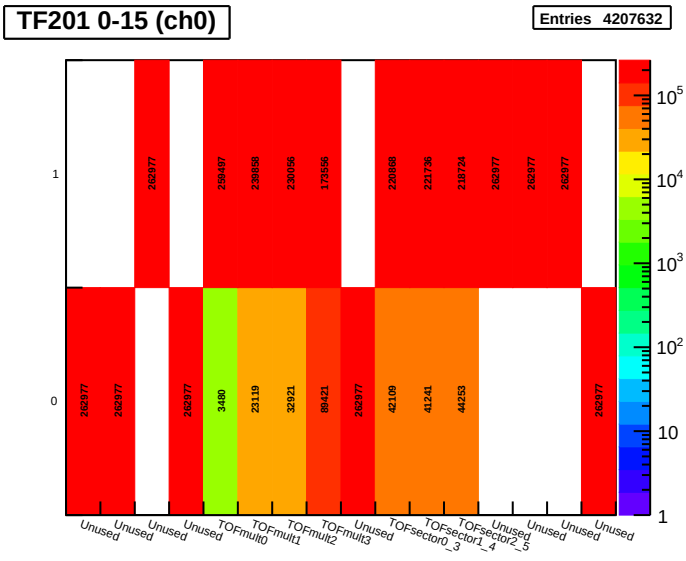

Entries 262977
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

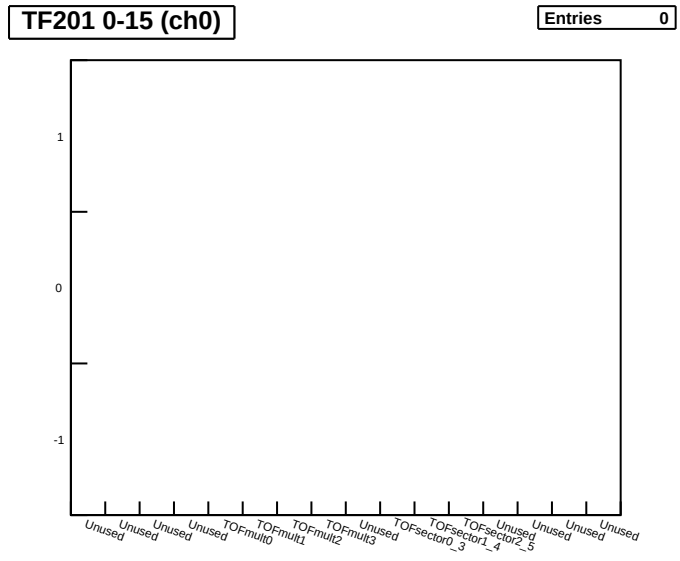

Entries 262977
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

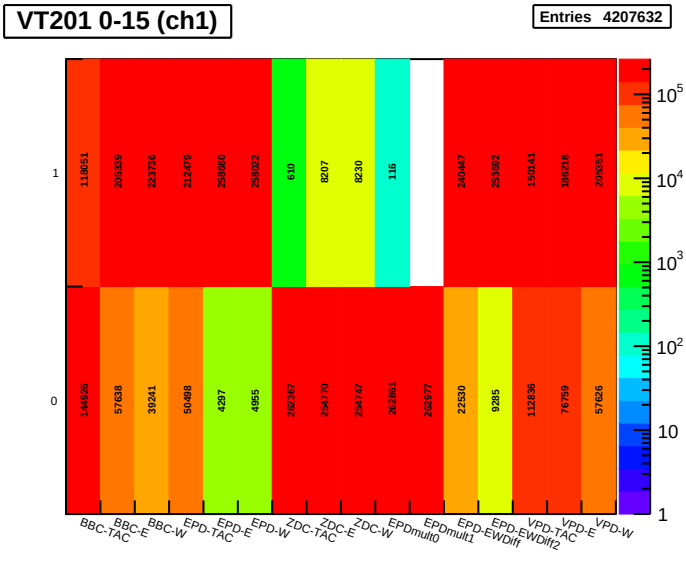

Entries 262977
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

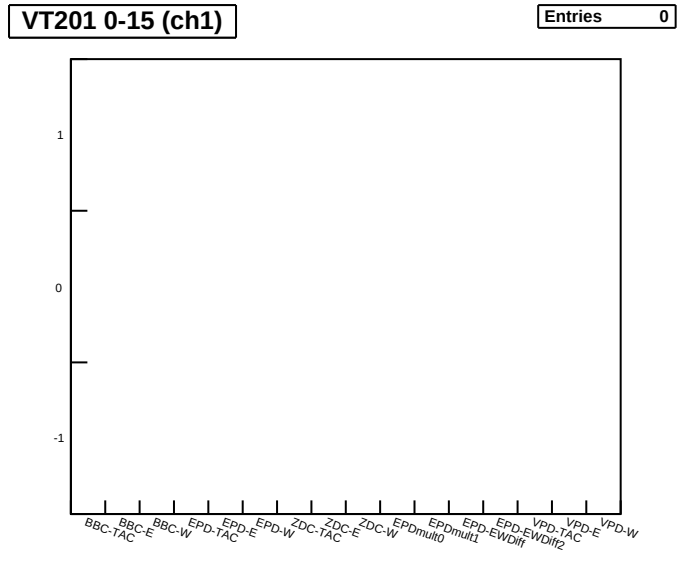

Laser Input Bits
Entries 262977
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

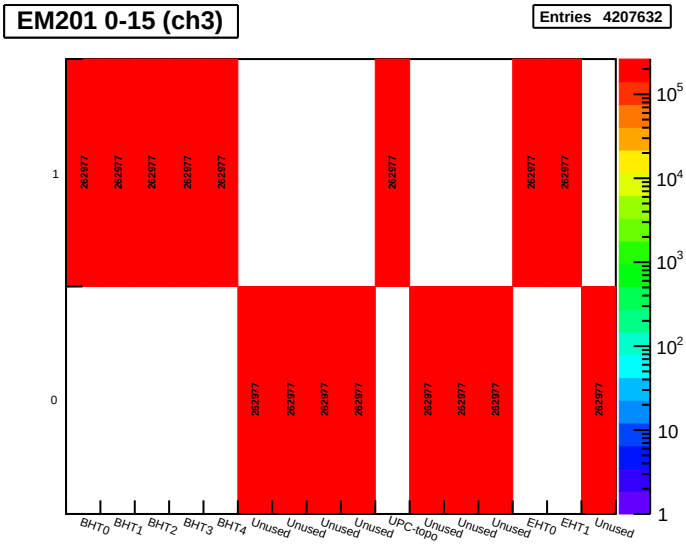

ST201 0-15 (ch6)
Entries 4207632
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
262977
262968
9
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random


TF201 0-15 (ch0)
Entries 4207632
1
0
262977
239497
239858
230065
173556
220868
221736
218724
262977
262977
262977
262977
262977
262977
3480
23119
32921
89421
262977
42109
41241
44253
262977
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 4207632
1
0
118051
205339
223736
212479
258680
258022
610
8207
8230
116
240447
253892
150141
186218
206351
144926
57638
39241
50498
4297
4955
262367
254770
254747
262861
262977
22530
9285
112836
76759
57626
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 4207632
1
0
262977
262977
262977
262977
262977
262977
262977
262977
262977
262977
262977
262977
262977
262977
262977
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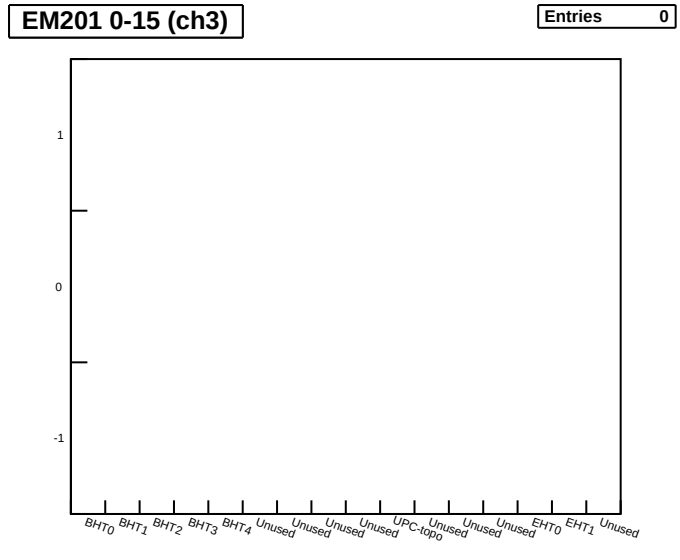
262977
262977
262977
262977
262977
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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