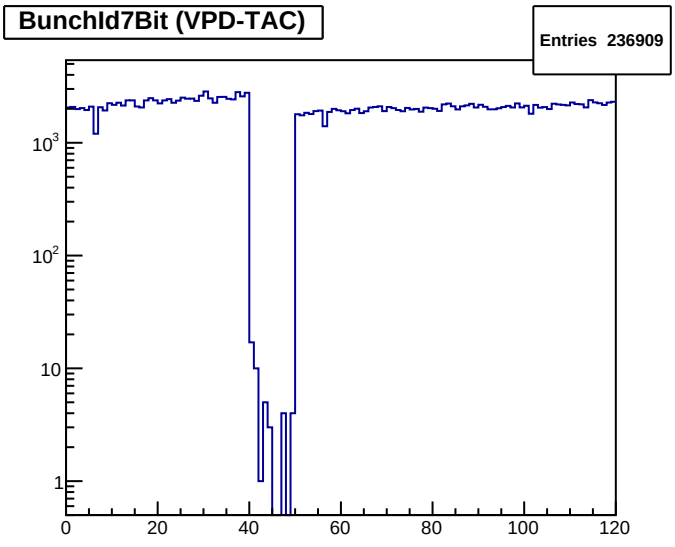
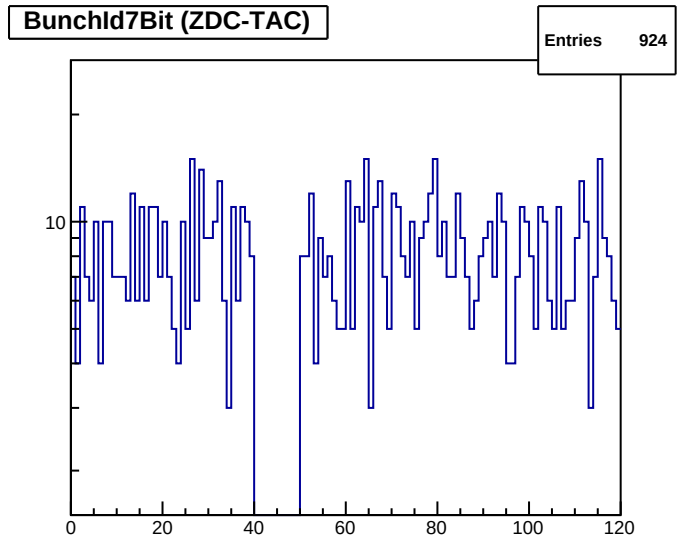
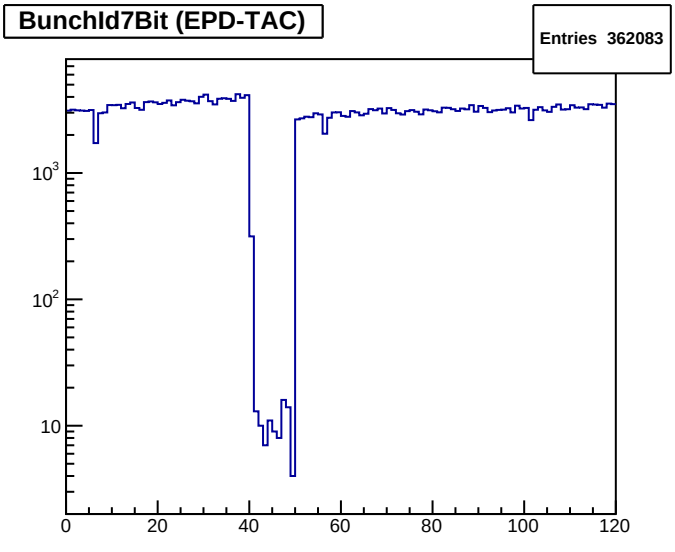
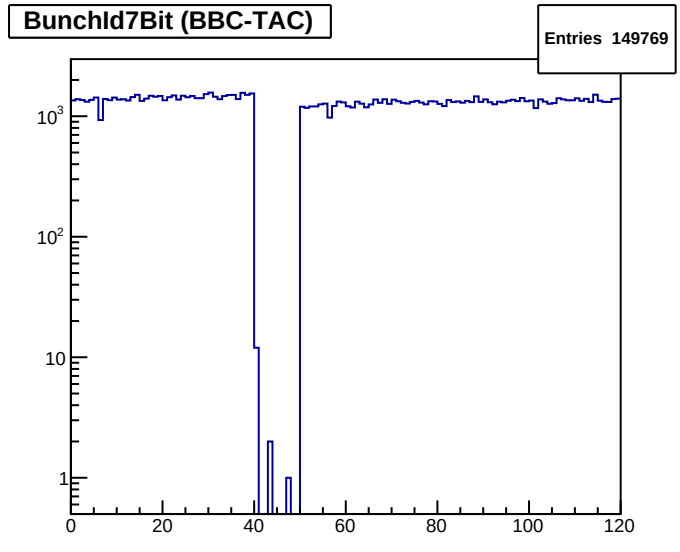
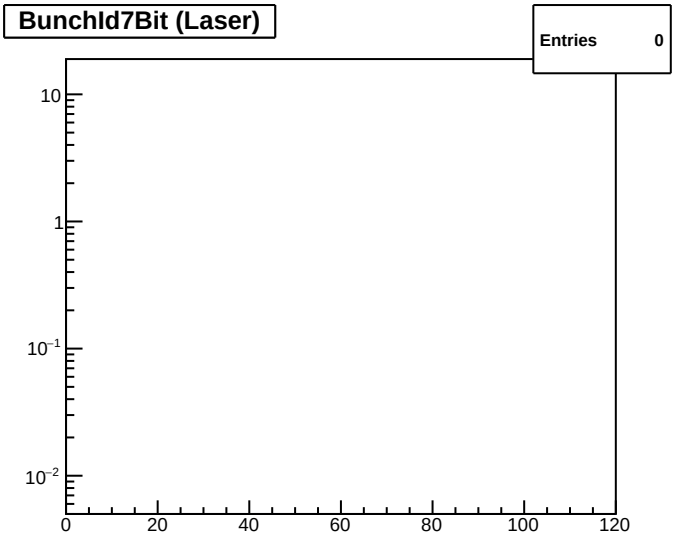
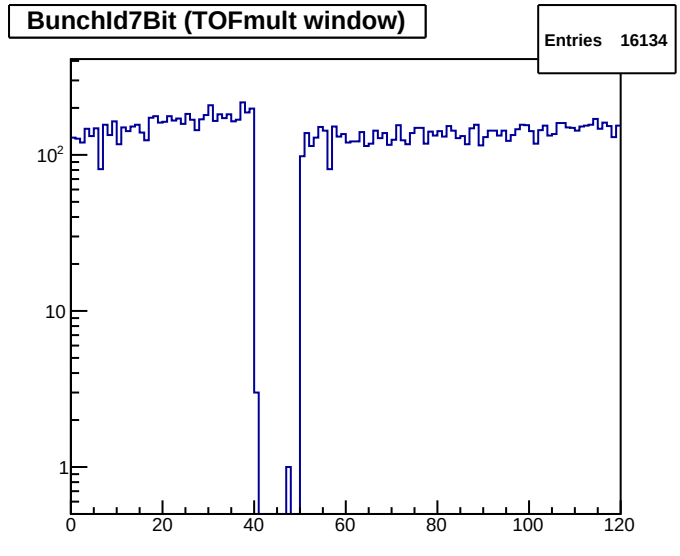

BunchId7Bit (VPD-TAC)
Entries 236909

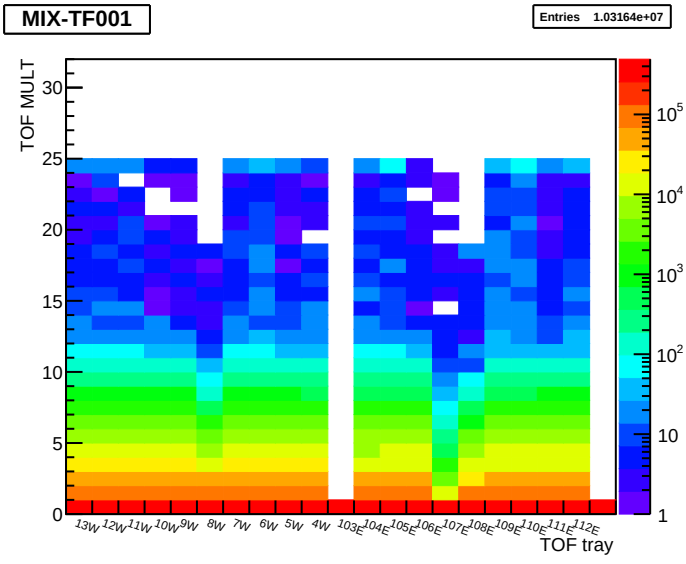

BunchId7Bit (ZDC-TAC)
Entries 924

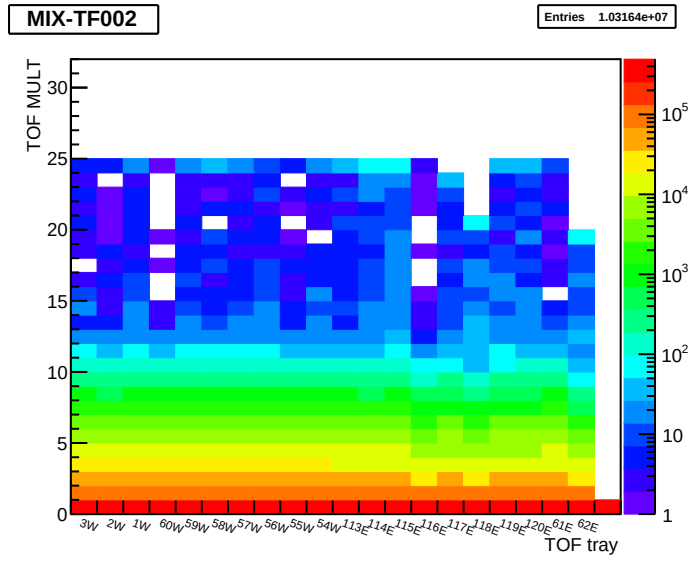

BunchId7Bit (EPD-TAC)
Entries 362083

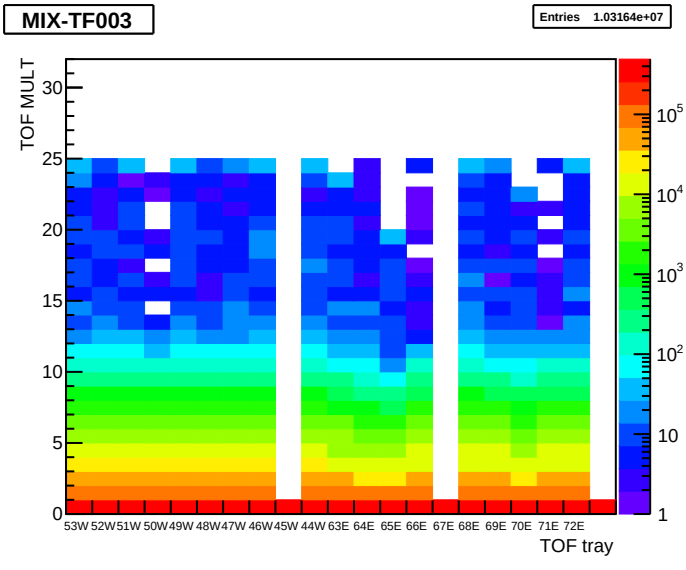

BunchId7Bit (BBC-TAC)
Entries 149769

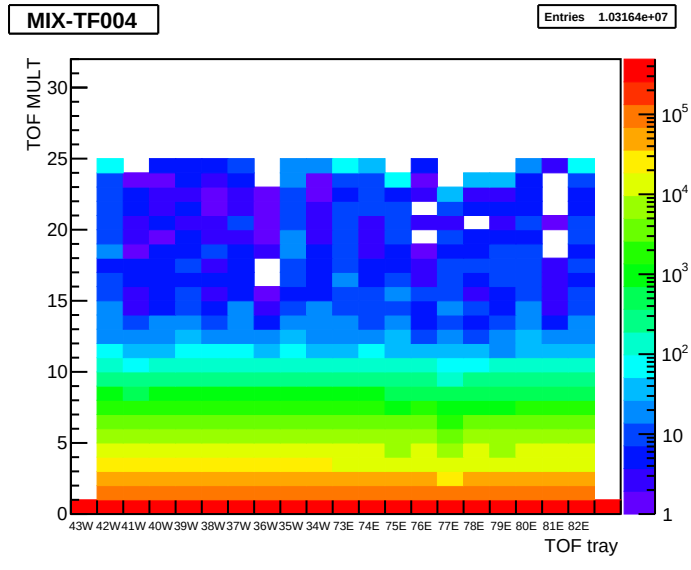

BunchId7Bit (Laser)
Entries 0

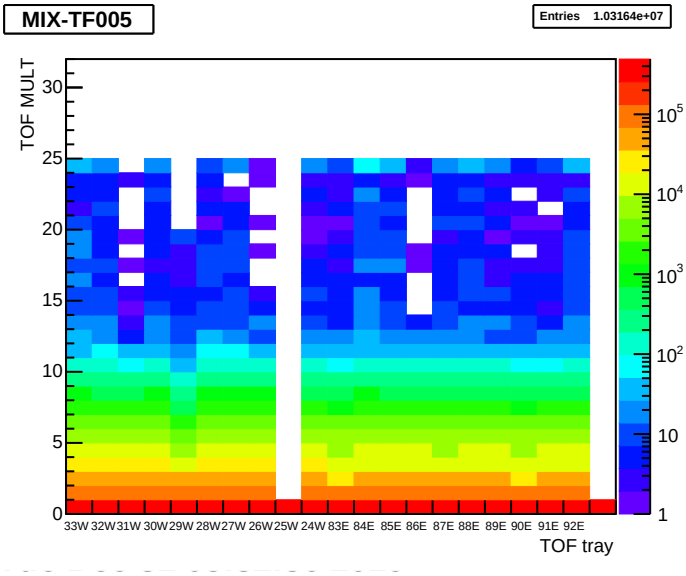

BunchId7Bit (TOFmult window)
Entries 16134

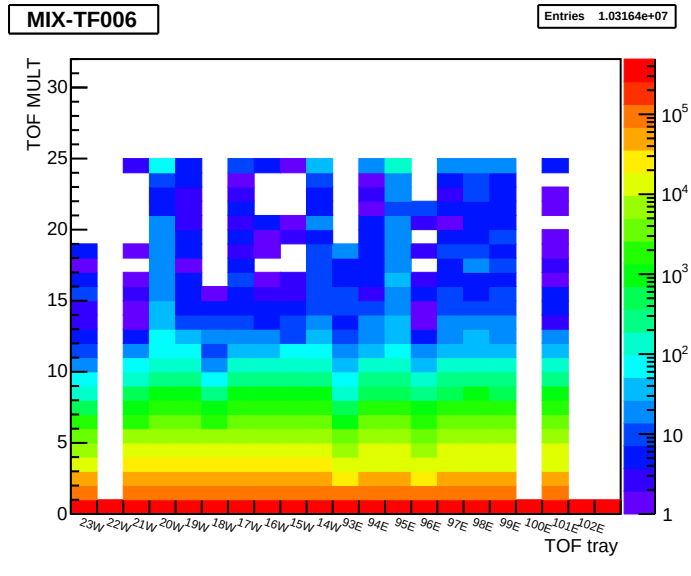

MIX-TF001
Entries 1.03164e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

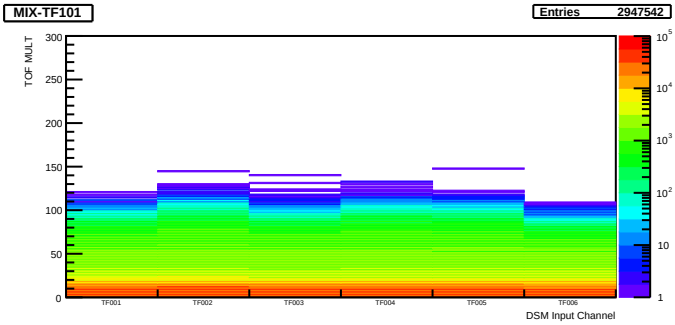

MIX-TF002
Entries 1.03164e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

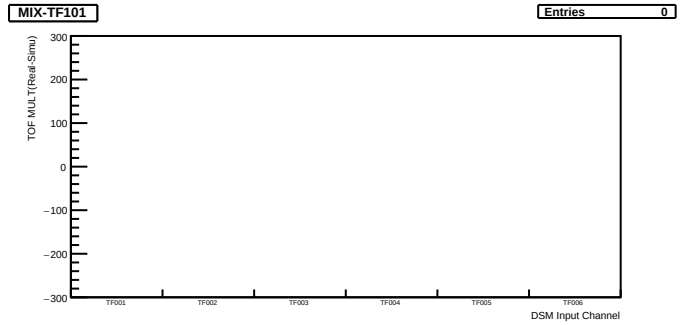

MIX-TF003
Entries 1.03164e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

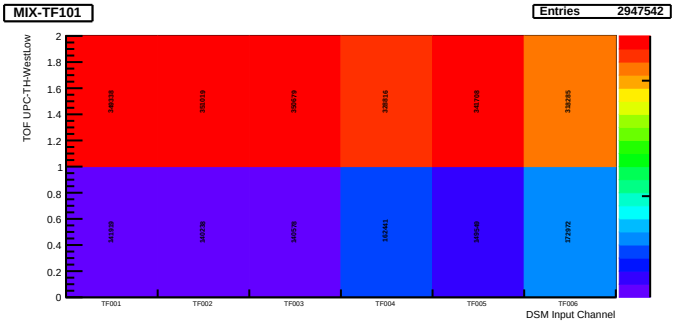

MIX-TF004
Entries 1.03164e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

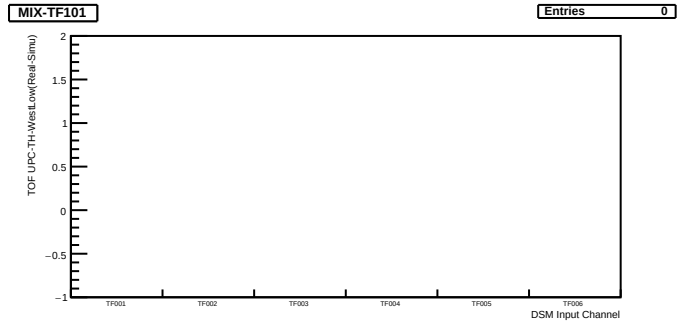

MIX-TF005
Entries 1.03164e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

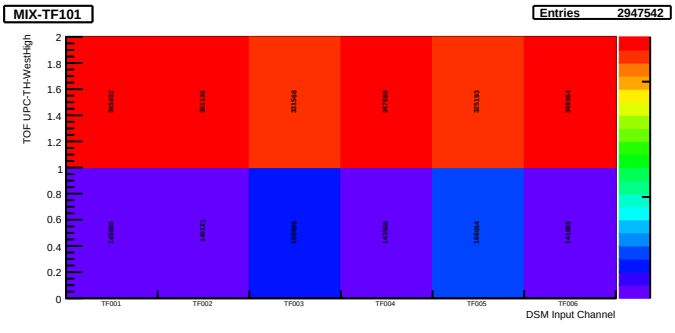

MIX-TF006
Entries 1.03164e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

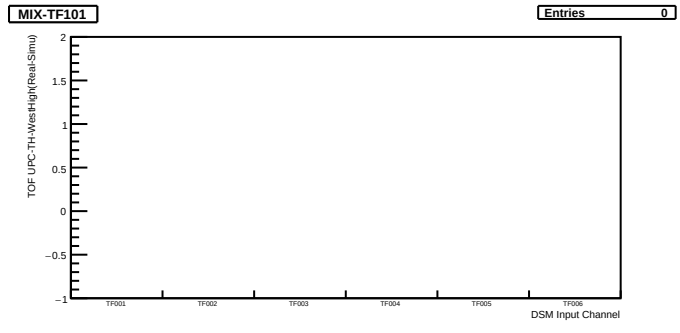

MIX-TF101
Entries 2947542
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

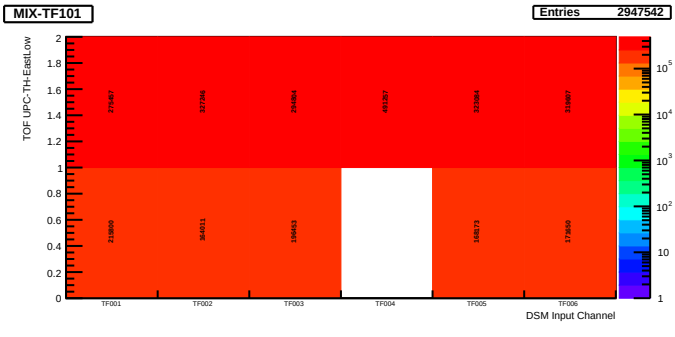

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

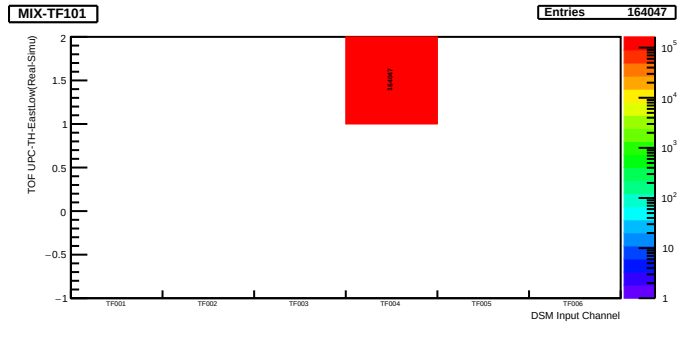

MIX-TF101
Entries 2947542
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

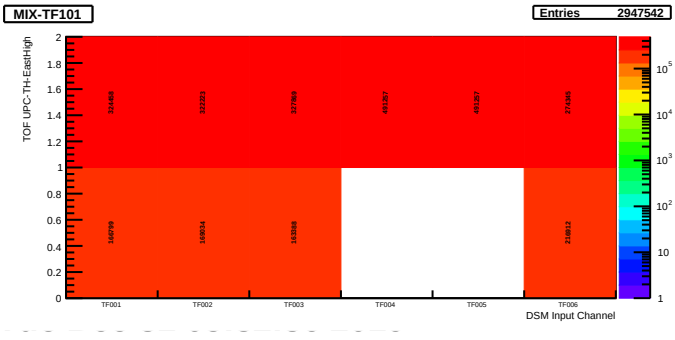

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

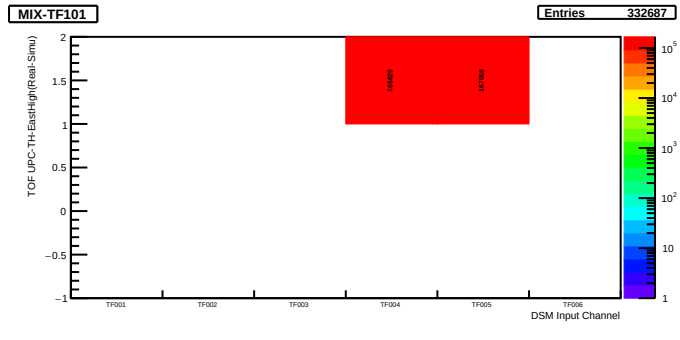

MIX-TF101
Entries 2947542
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

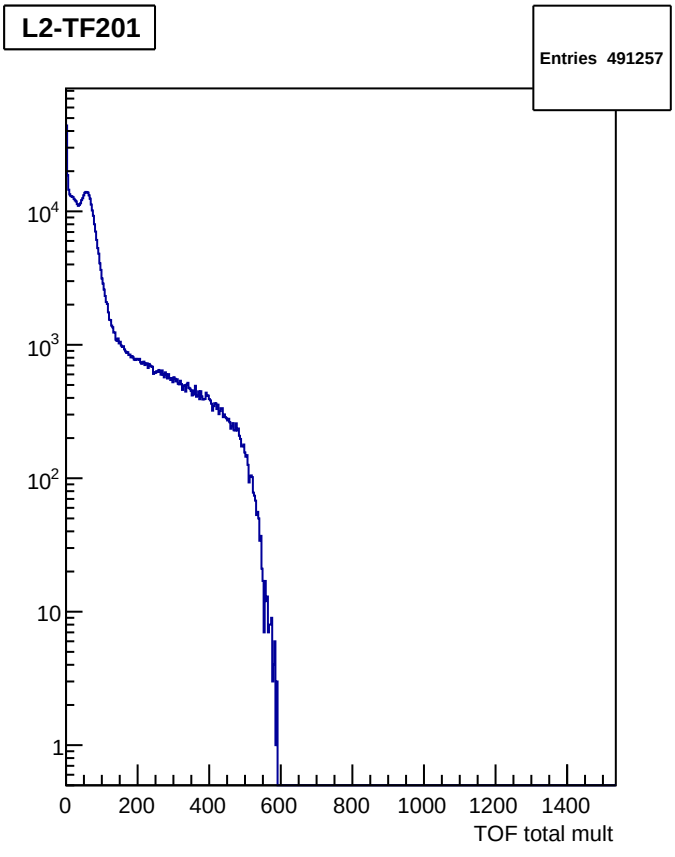

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

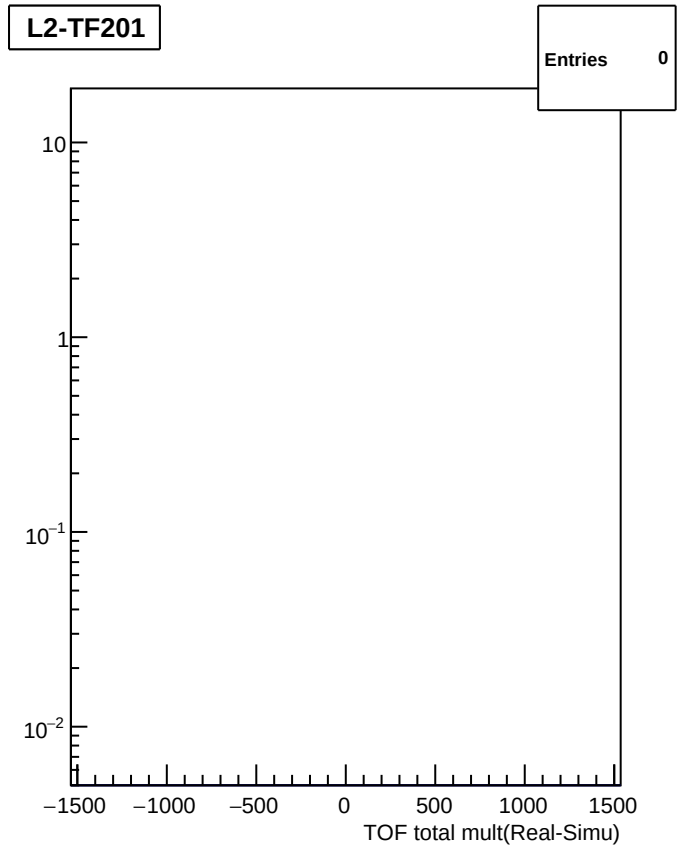

MIX-TF101
Entries 2947542
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

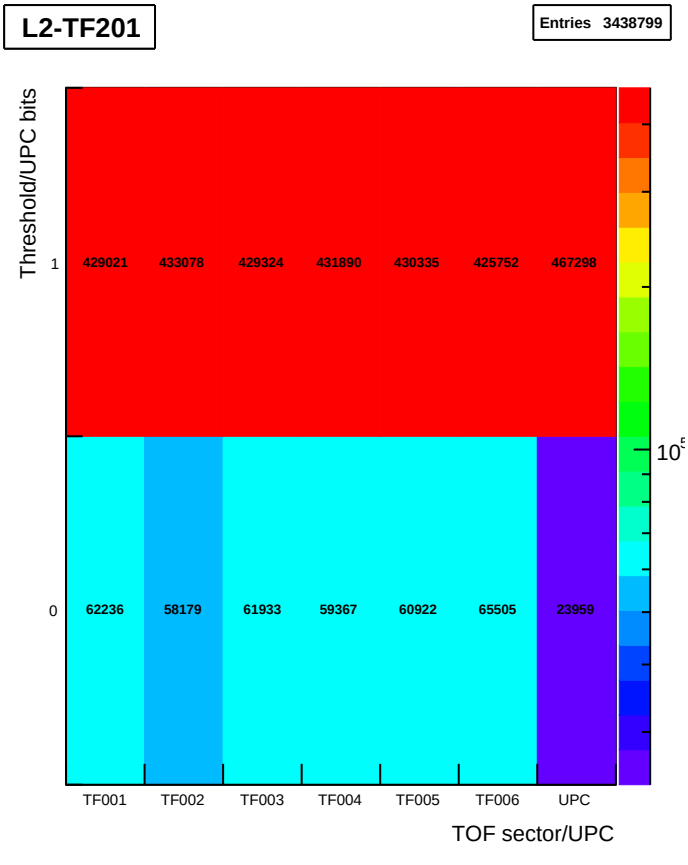

MIX-TF101
Entries 164047
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

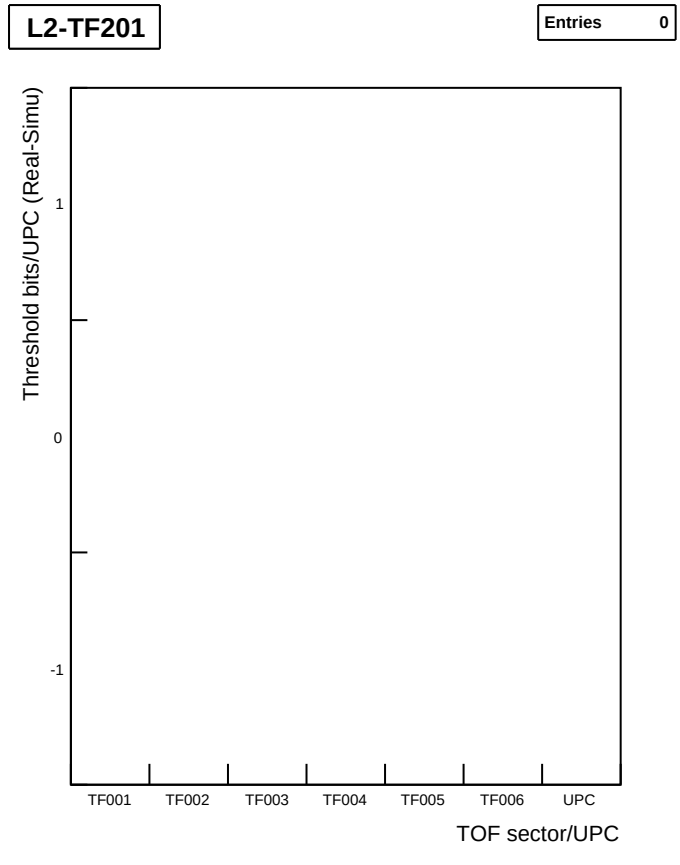

MIX-TF101
Entries 2947542
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

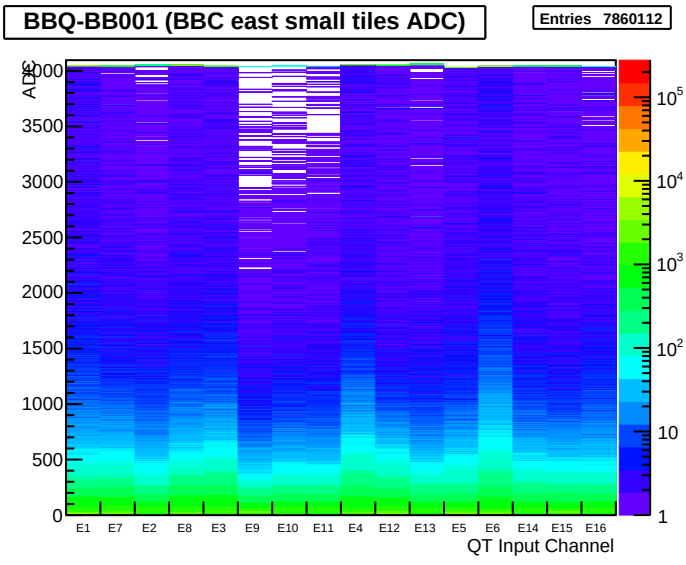

MIX-TF101
Entries 332687
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

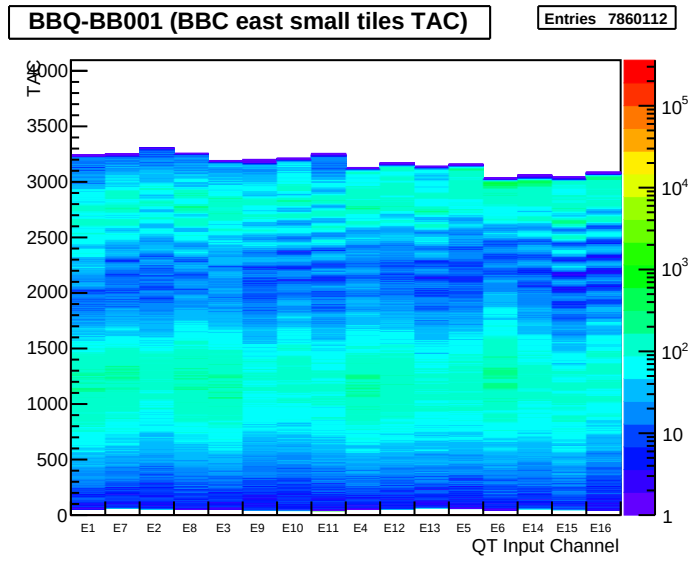

L2-TF201
Entries 491257
TOF total mult

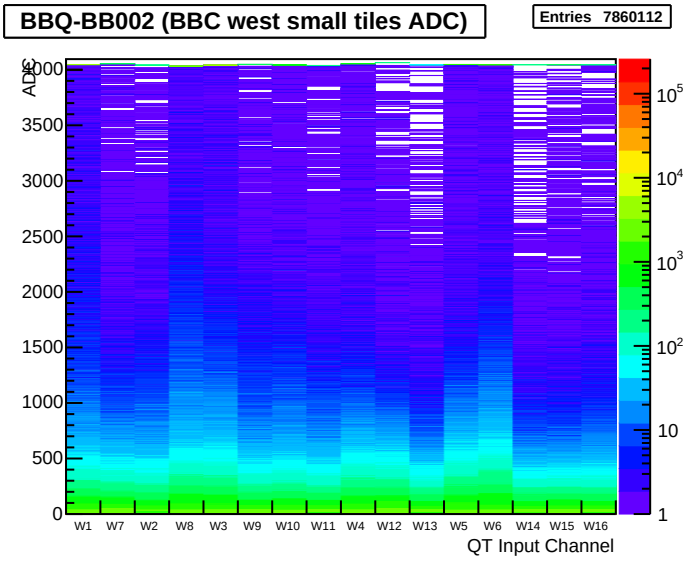

L2-TF201
Entries 0
TOF total mult(Real-Simu)

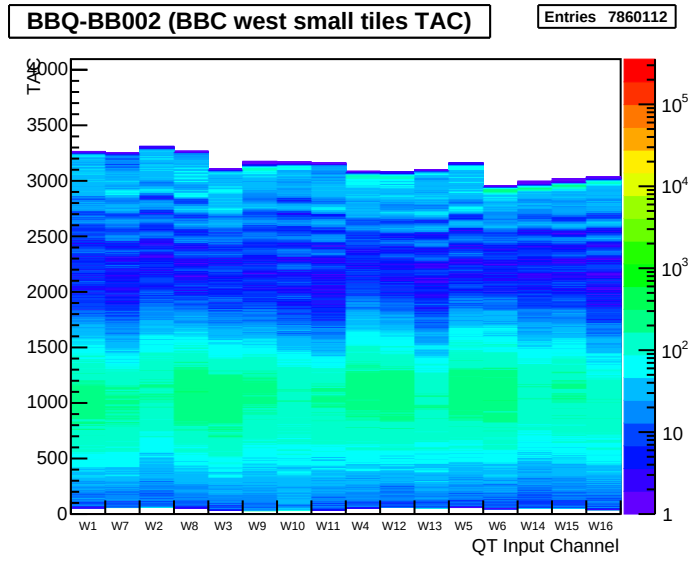

L2-TF201
Entries 3438799
Threshold/UPC bits
429021
433078
429324
431890
430335
425752
467298
62236
58179
61933
59367
60922
65505
23959
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

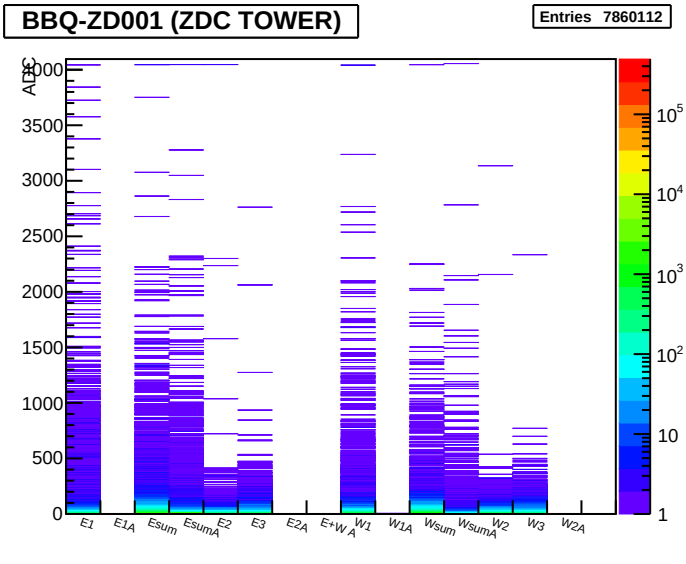

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

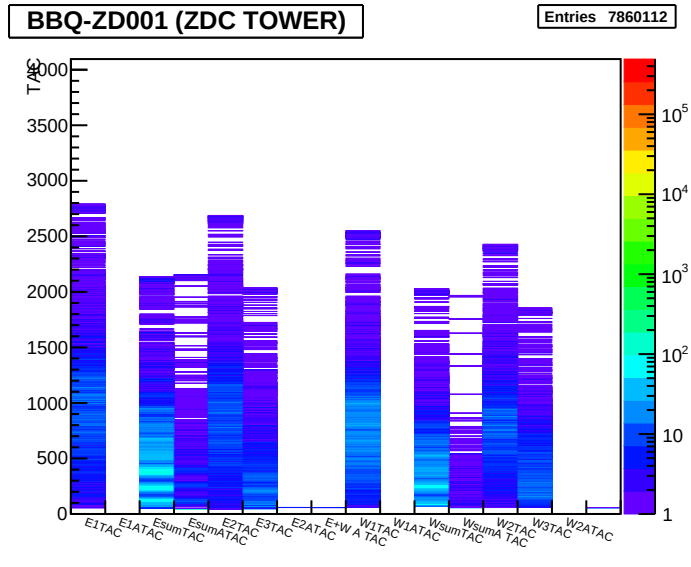

BBQ-BB001 (BBC east small tiles ADC)
Entries 7860112
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

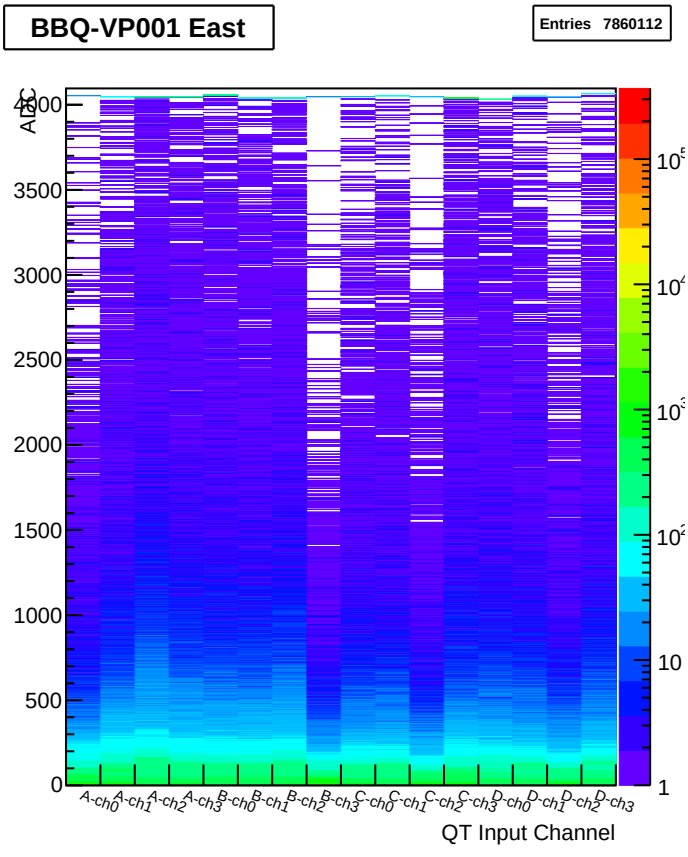

BBQ-BB001 (BBC east small tiles TAC)
Entries 7860112
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

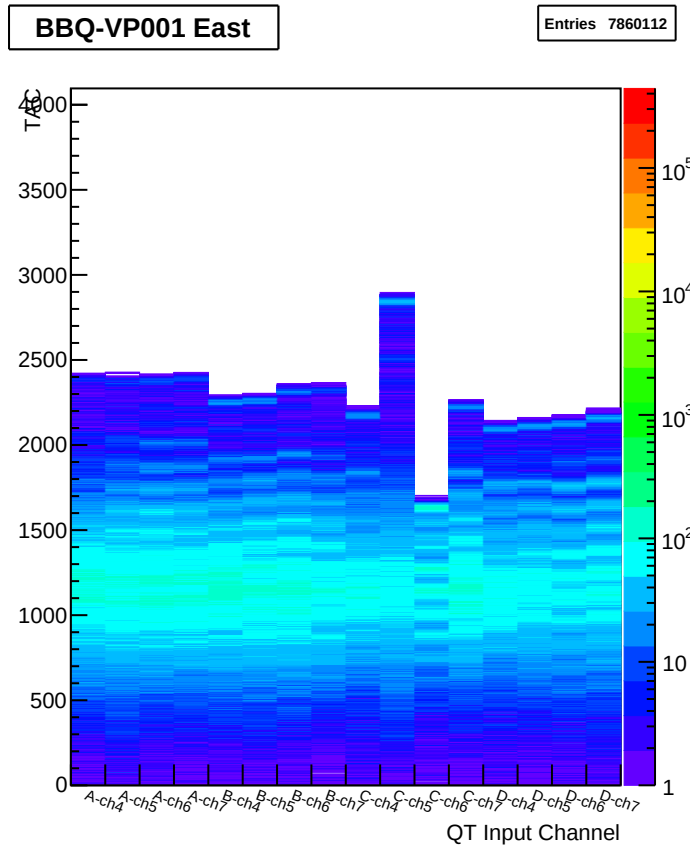

BBQ-BB002 (BBC west small tiles ADC)
Entries 7860112
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

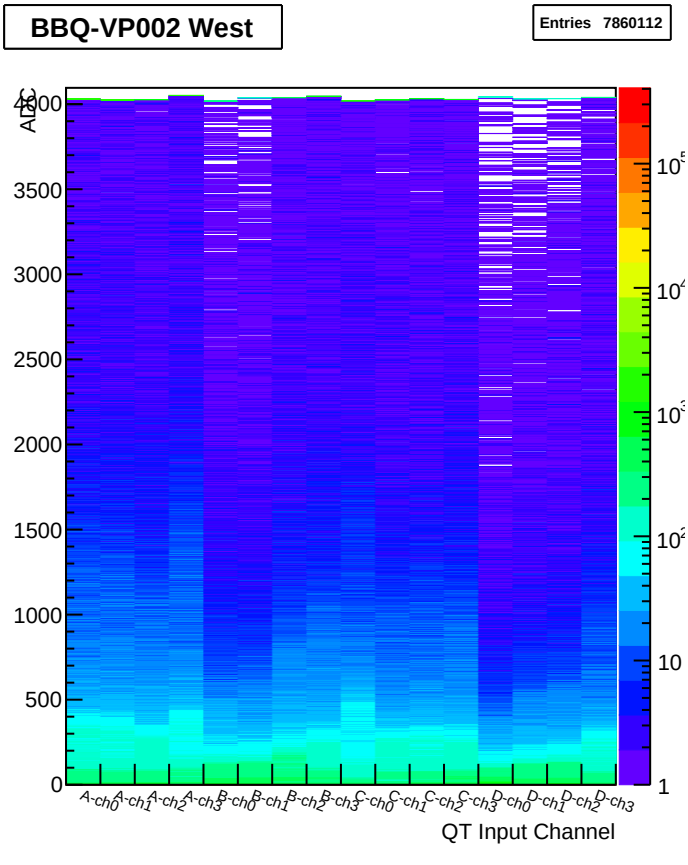

BBQ-BB002 (BBC west small tiles TAC)
Entries 7860112
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

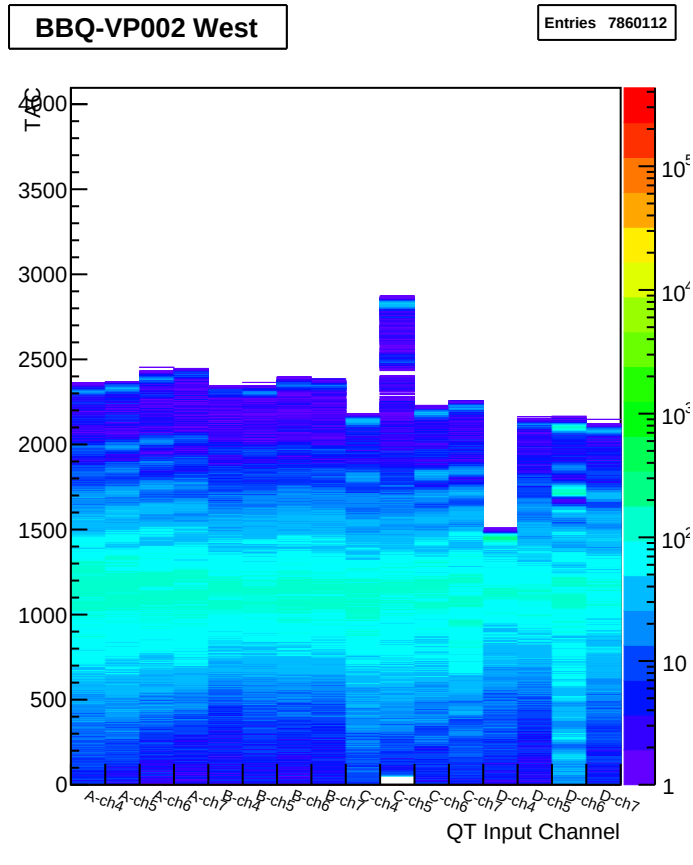

BBQ-ZD001 (ZDC TOWER)
Entries 7860112
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

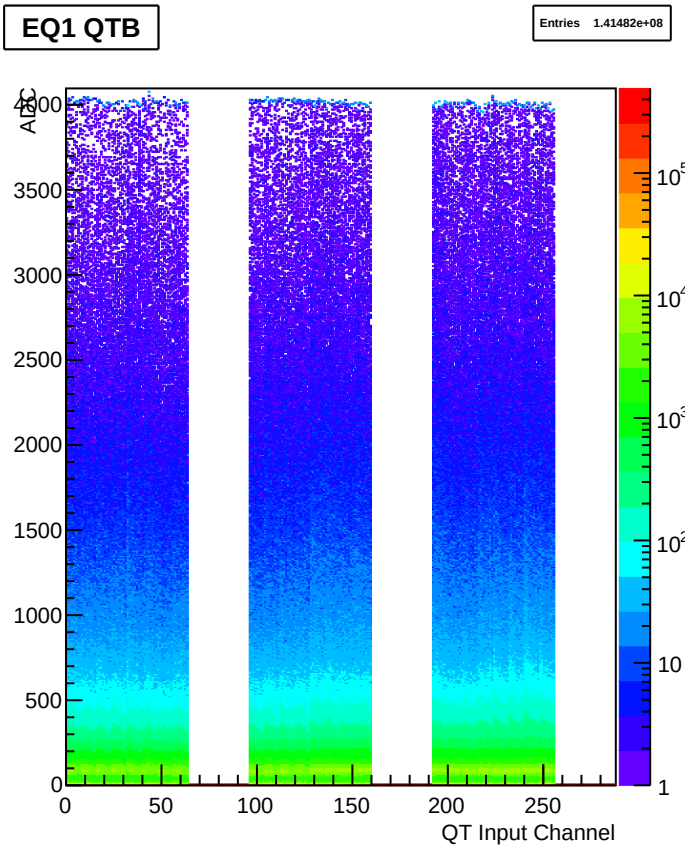

BBQ-ZD001 (ZDC TOWER)
Entries 7860112
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

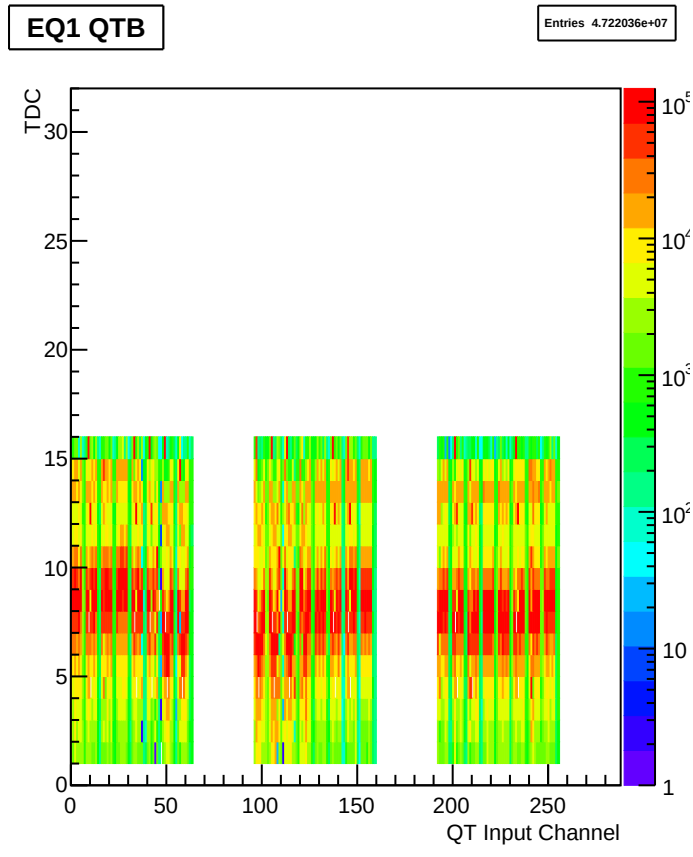

BBQ-VP001 East
Entries 7860112
ADC
QT Input Channel

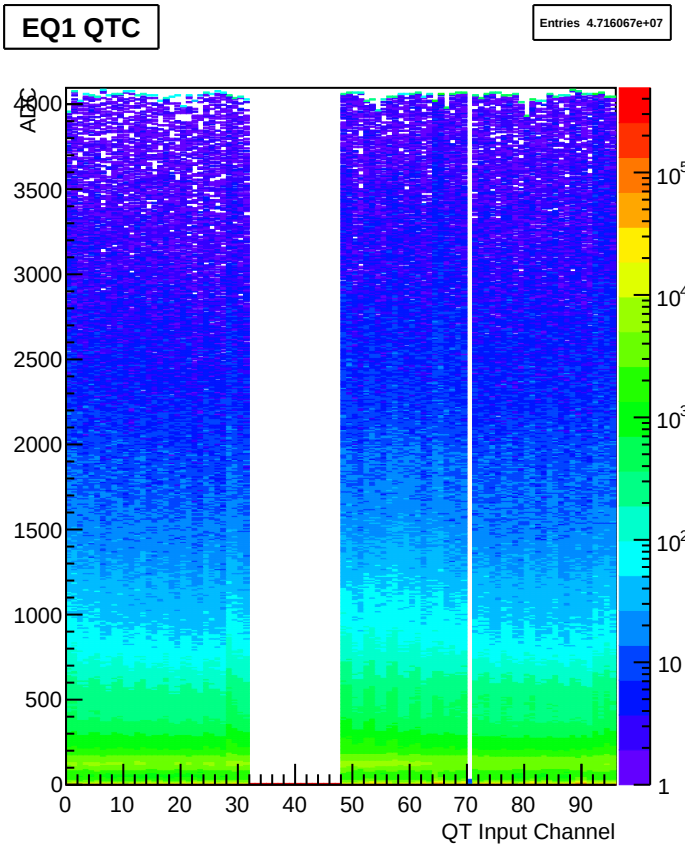

BBQ-VP001 East
Entries 7860112
ADC
QT Input Channel

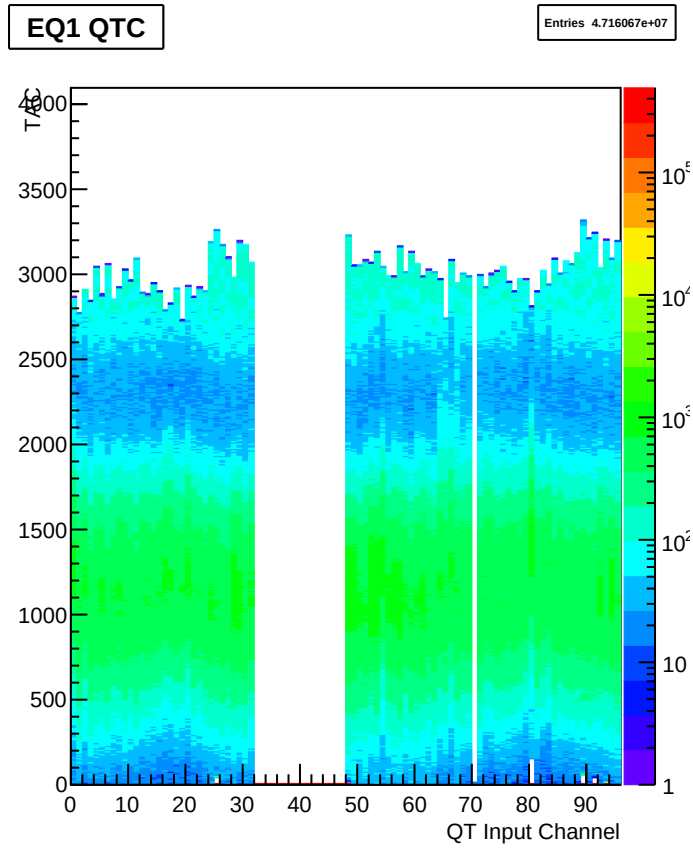

BBQ-VP002 West
Entries 7860112
ADC
QT Input Channel

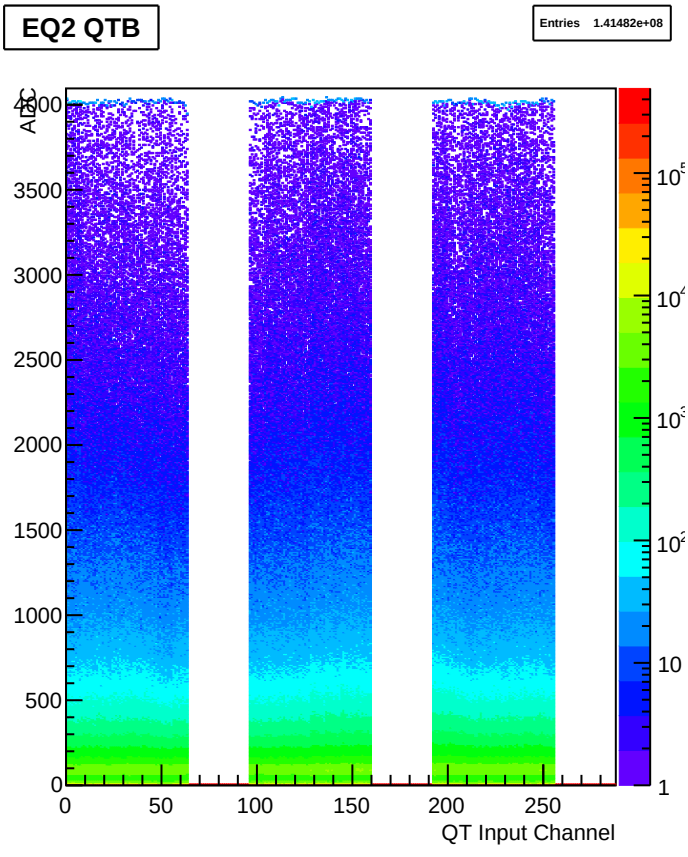

BBQ-VP002 West
Entries 7860112
ADC
QT Input Channel

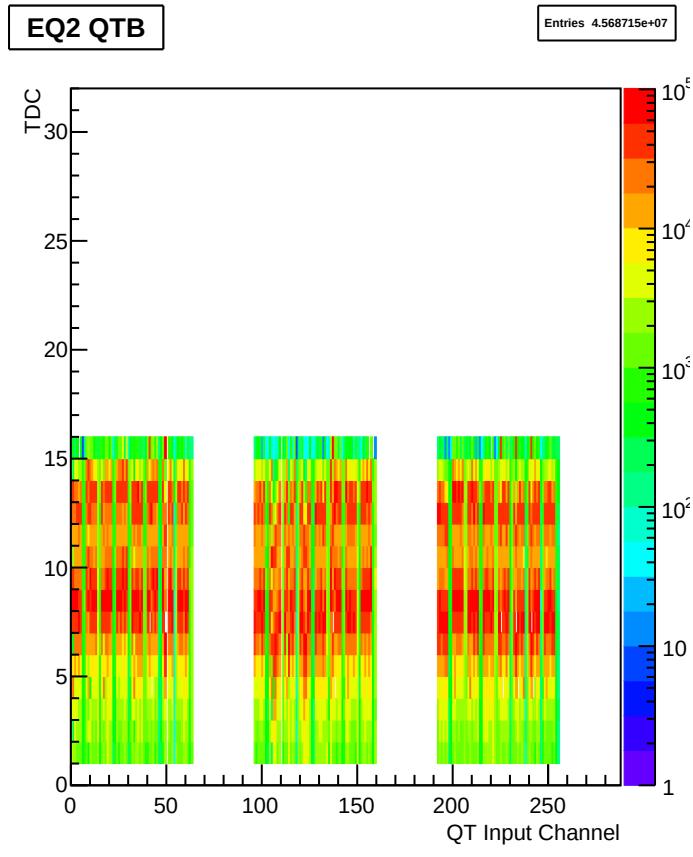

EQ1 QTB
Entries 1.41482e+08
ADC
QT Input Channel

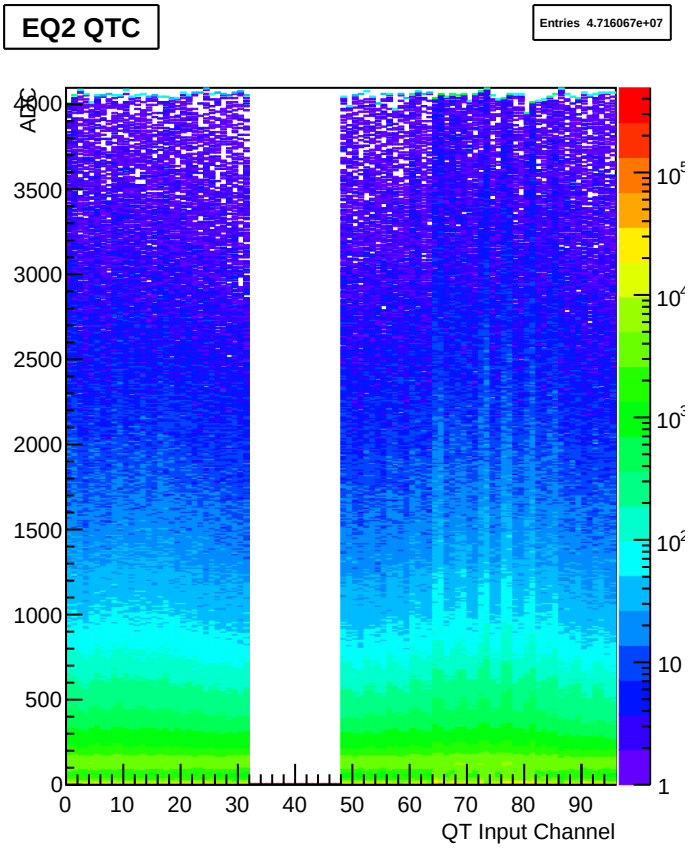

EQ1 QTB
Entries 4.722036e+07
TDC
QT Input Channel

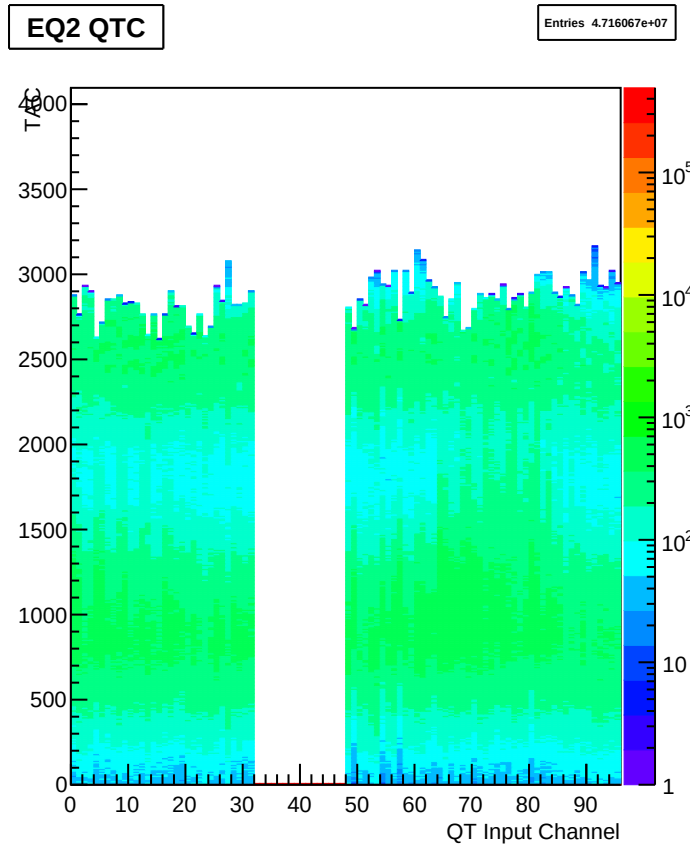

EQ1 QTC
Entries 4.716067e+07
ADC
QT Input Channel

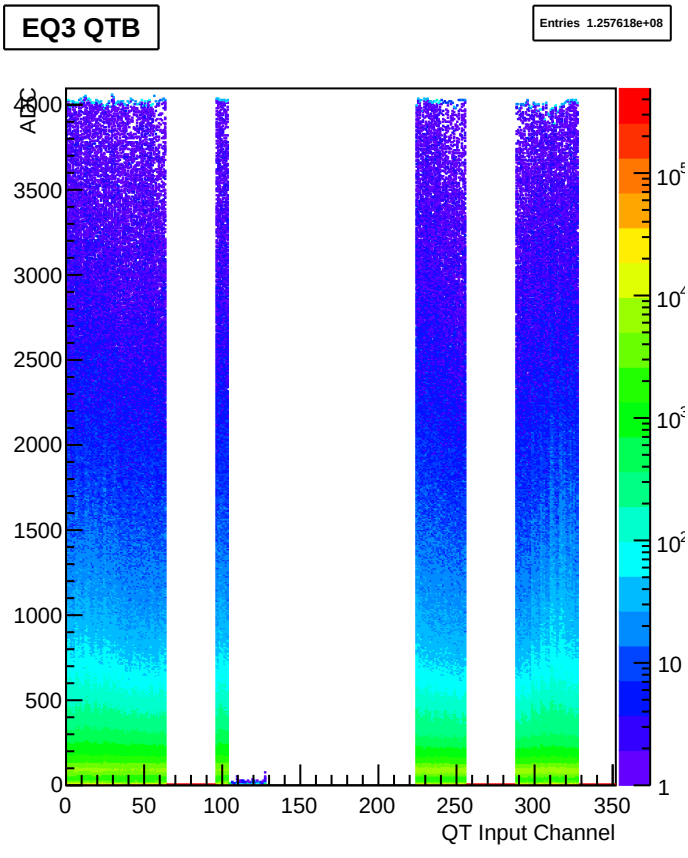

EQ1 QTC
Entries 4.716067e+07
TADC
QT Input Channel

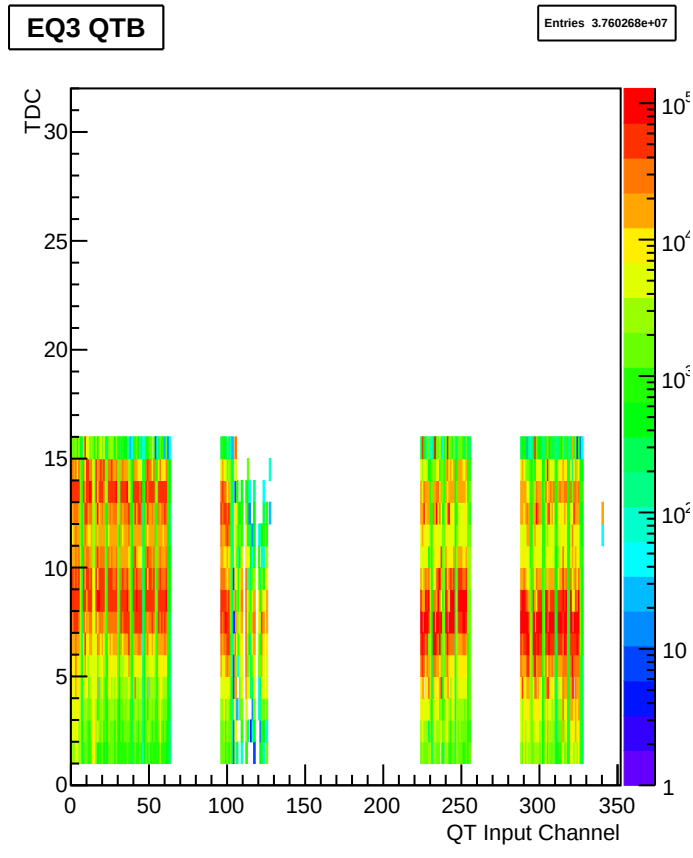

EQ2 QTB
Entries 1.41482e+08
ADC
QT Input Channel

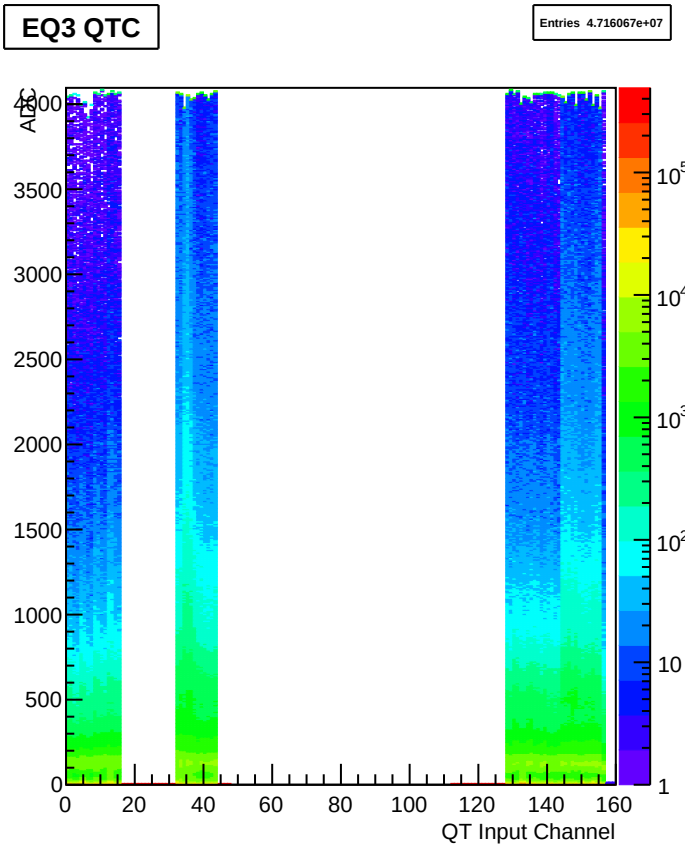

EQ2 QTB
Entries 4.568715e+07
TDC
QT Input Channel

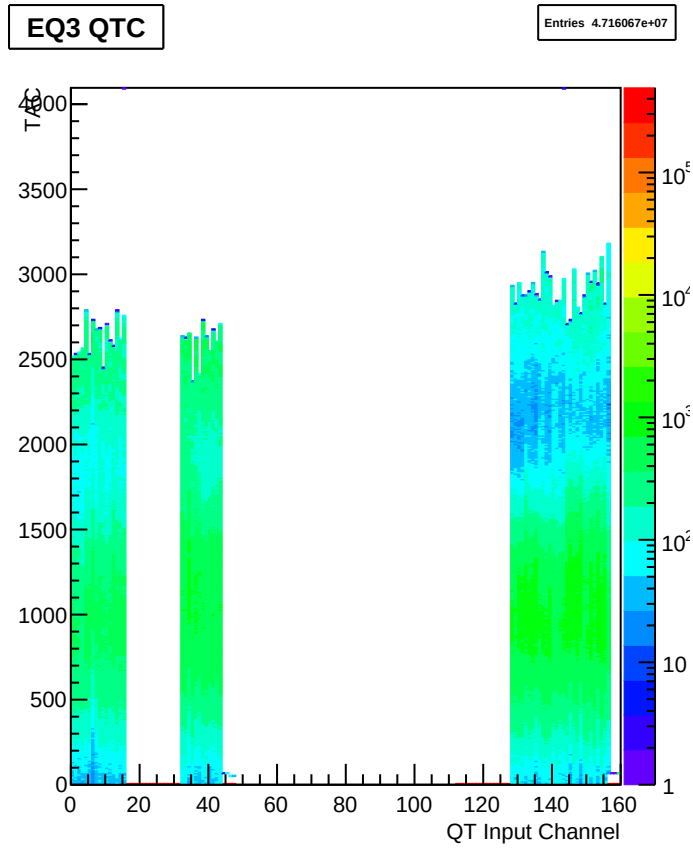

EQ2 QTC
Entries 4.716067e+07
ADC
QT Input Channel

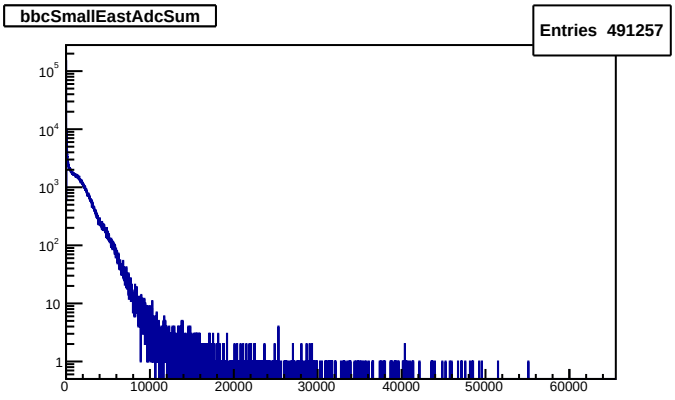

EQ2 QTC
Entries 4.716067e+07
TADC
QT Input Channel

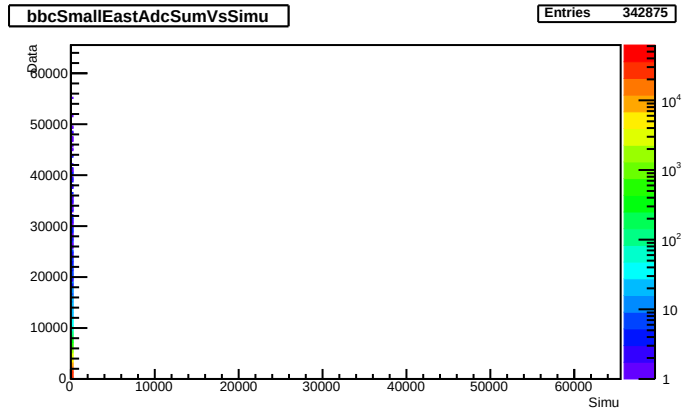

EQ3 QTB
Entries 1.257618e+08
ADC
QT Input Channel

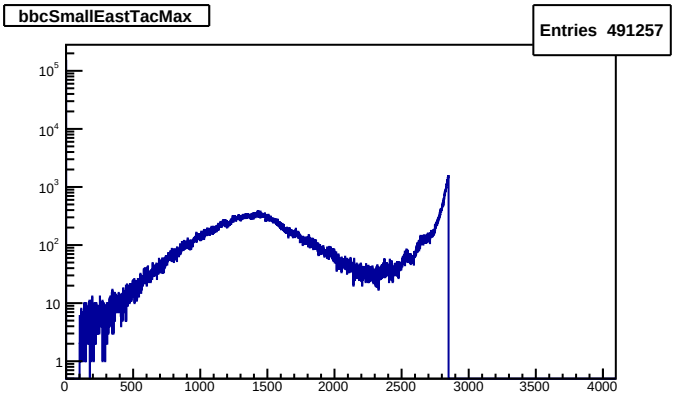

EQ3 QTB
Entries 3.760268e+07
TDC
QT Input Channel

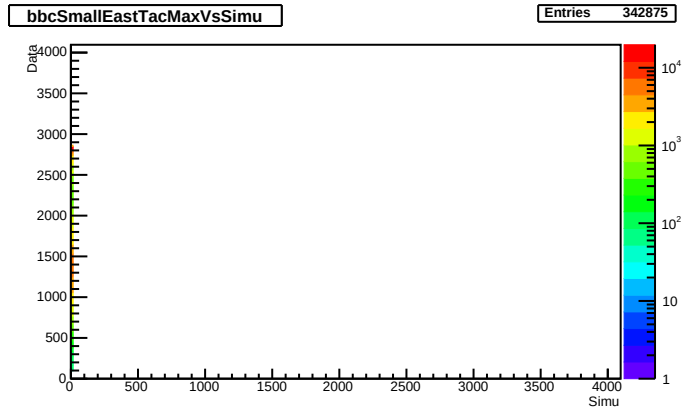

EQ3 QTC
Entries 4.716067e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.716067e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 491257


bbcSmallEastAdcSumVsSimu
Entries 342875
Data
Simu


bbcSmallEastTacMax
Entries 491257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Entries 342875
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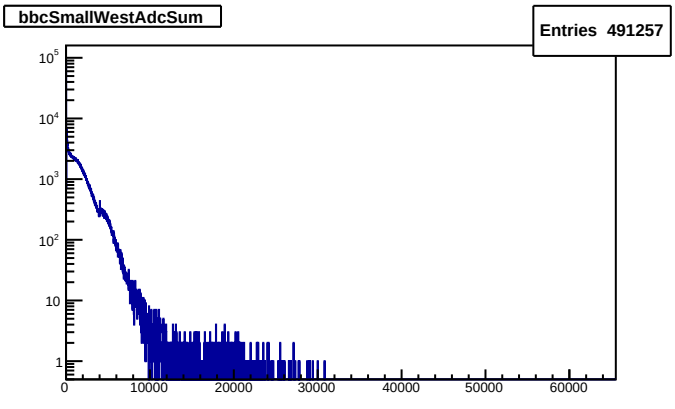
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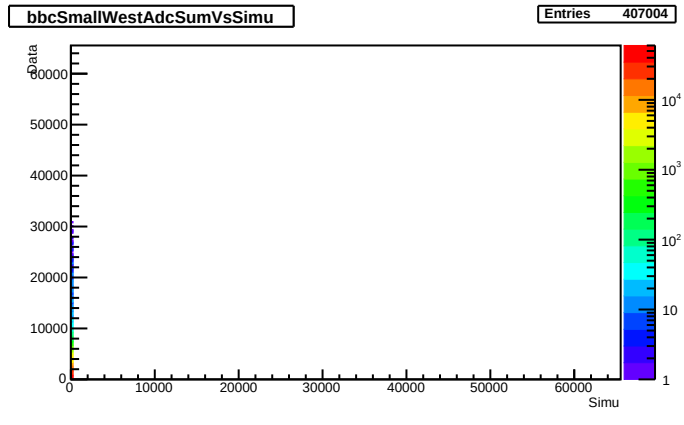
Entries 491257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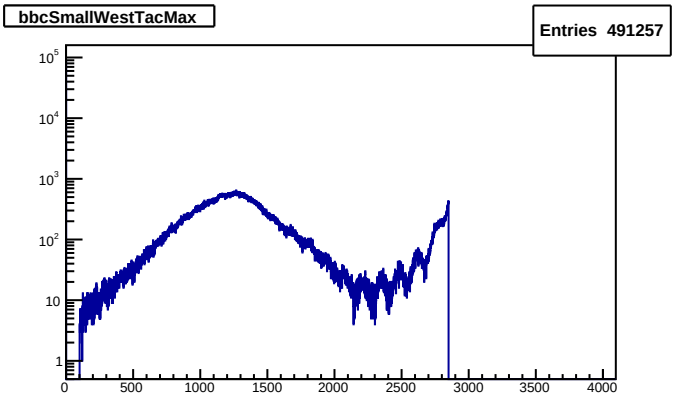
Entries 407004
Data
Simu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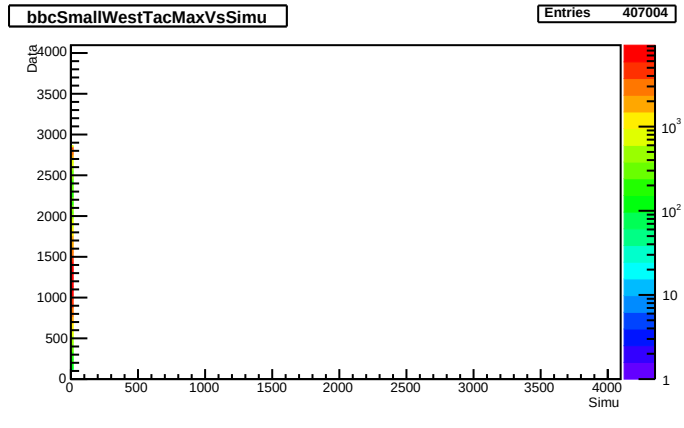
Entries 491257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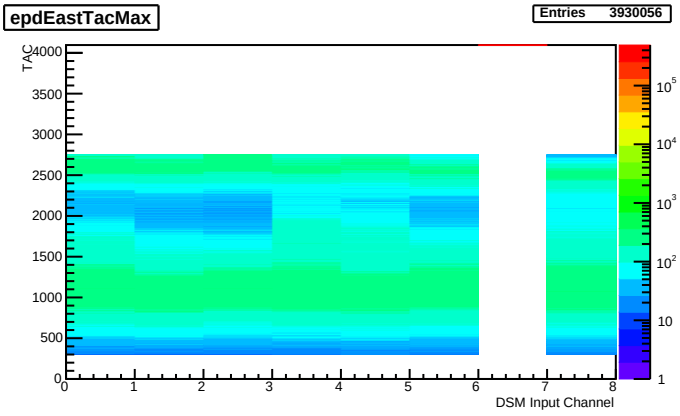
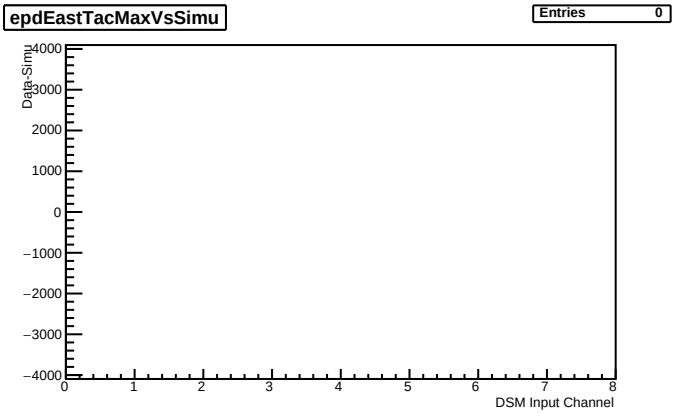
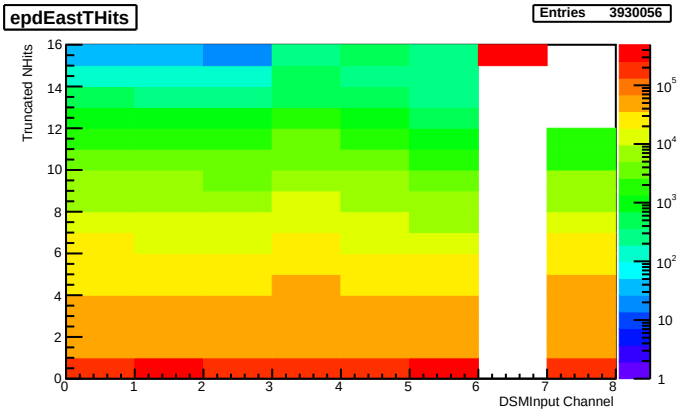
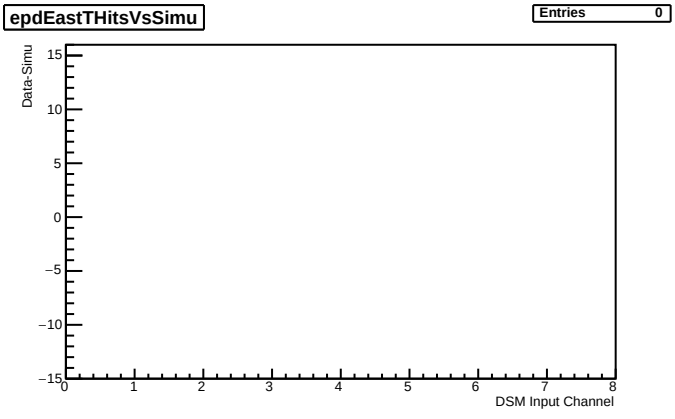
Entries 407004
Data
Simu


epdEastTacMax
Entries 3930056
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3930056
Truncated NHits
DSMInput Channel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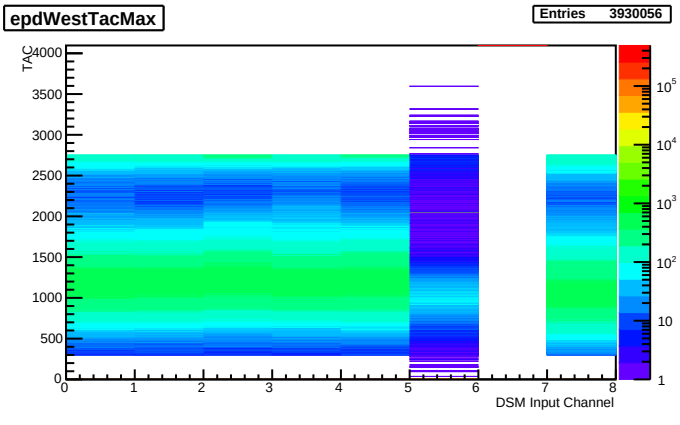
Data-Simu
DSM Input Channel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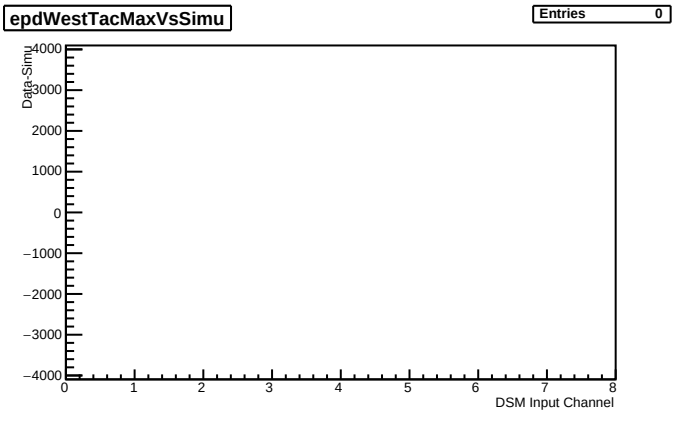
Entries 3930056
TAC
DSM Input Channel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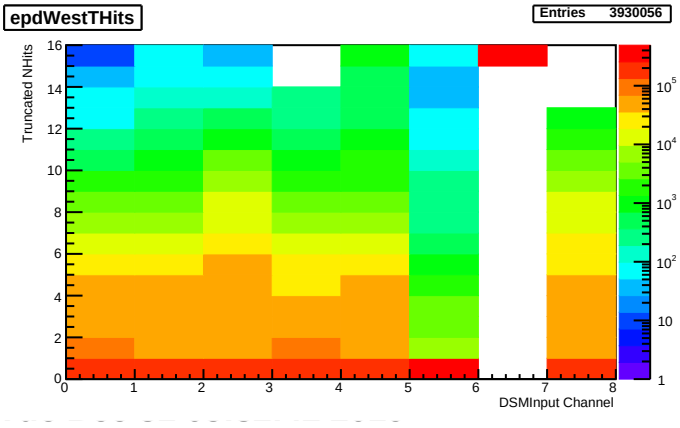
Data-Simu
DSM Input Channel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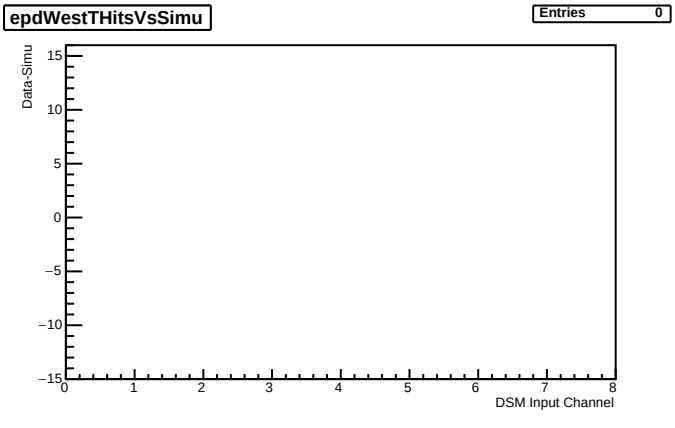
Entries 3930056
Truncated NHits
DSMInput Channel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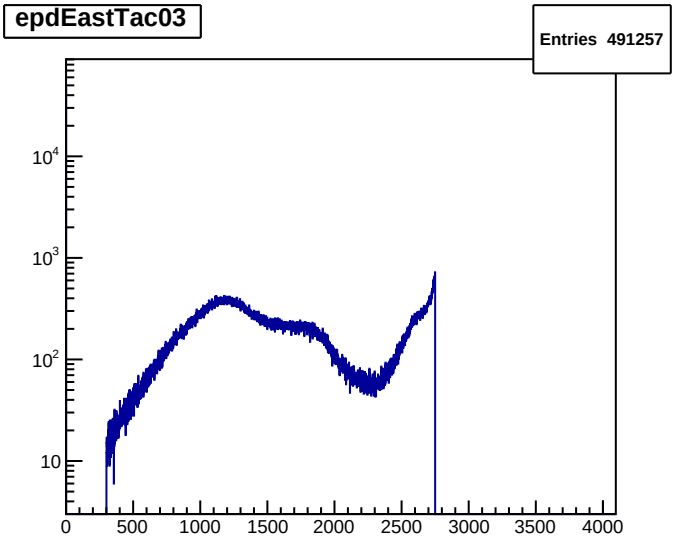
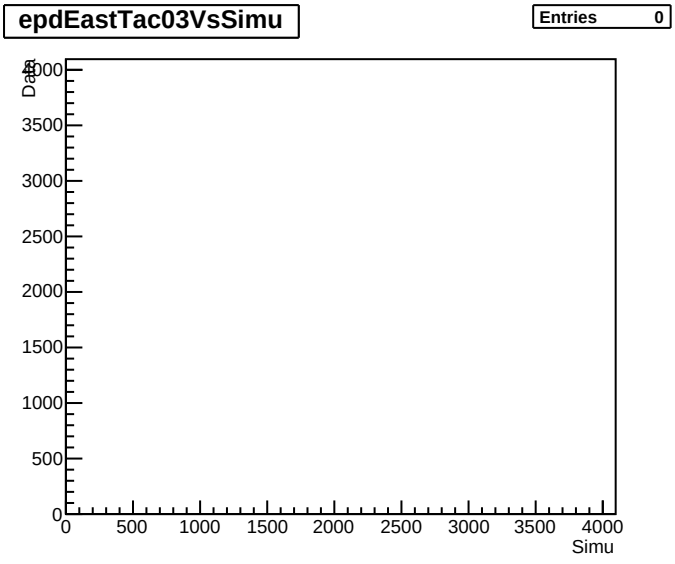
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 491257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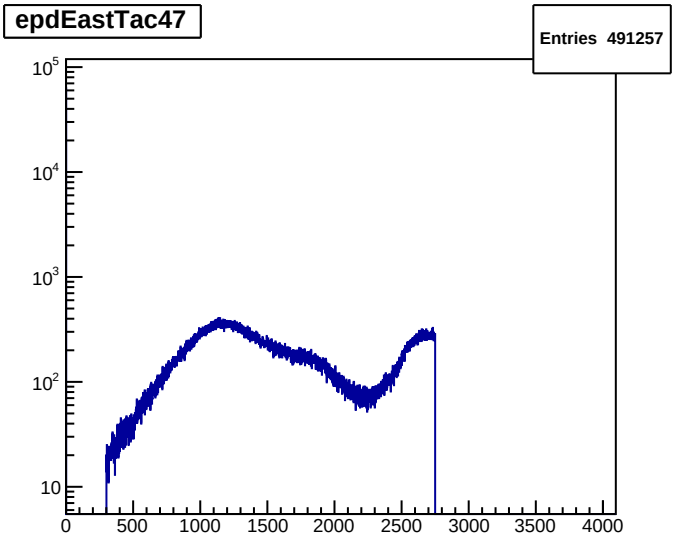
Entries 0
Data
Simu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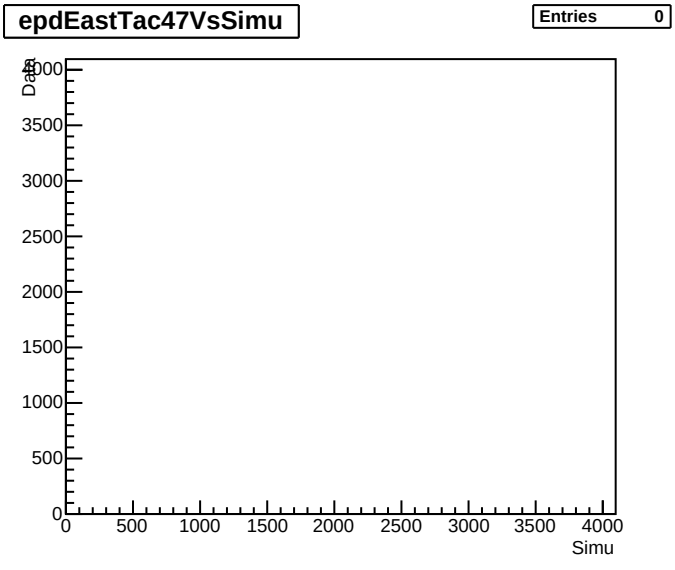
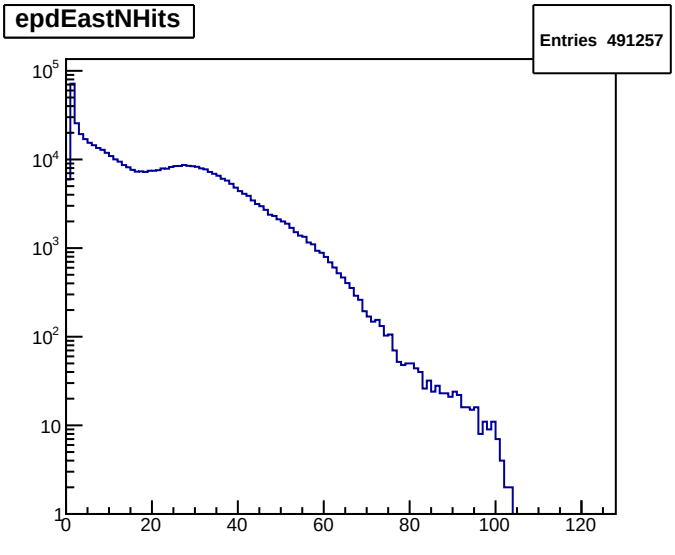
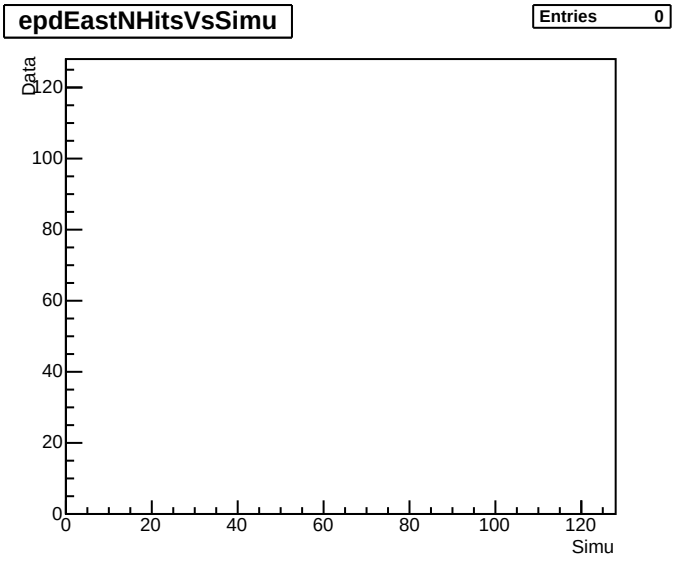
Entries 491257


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 491257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Data
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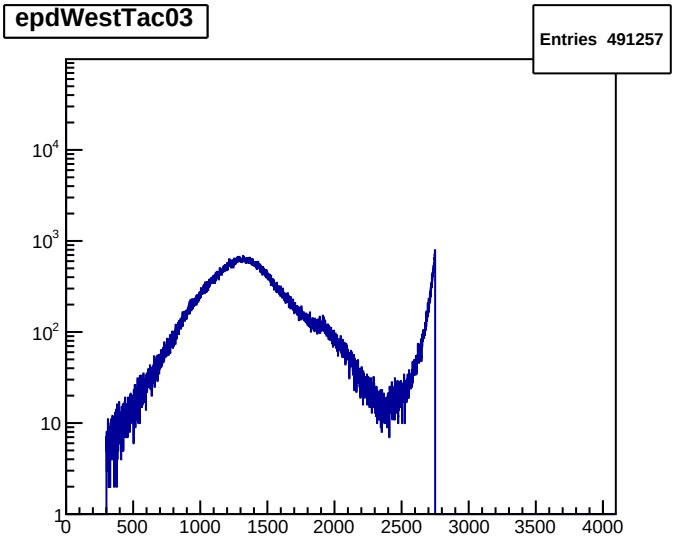
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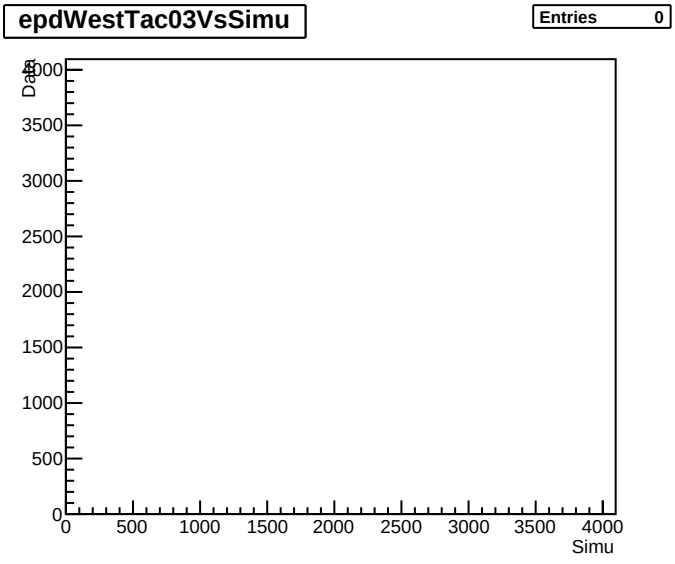
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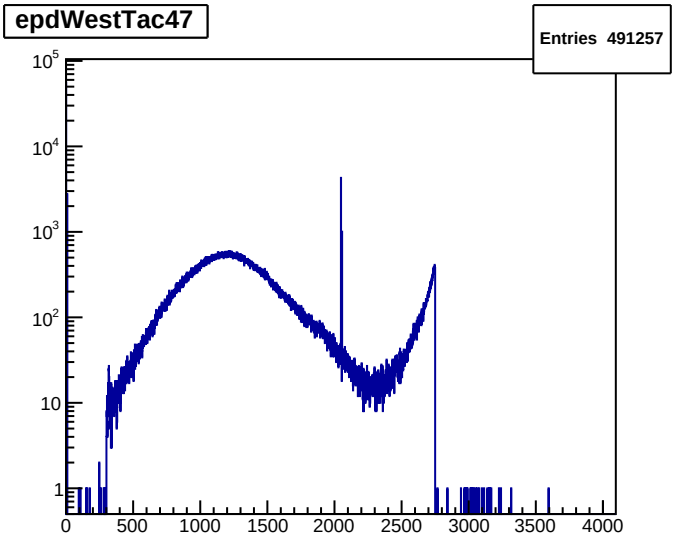
Entries 0
Data
Simu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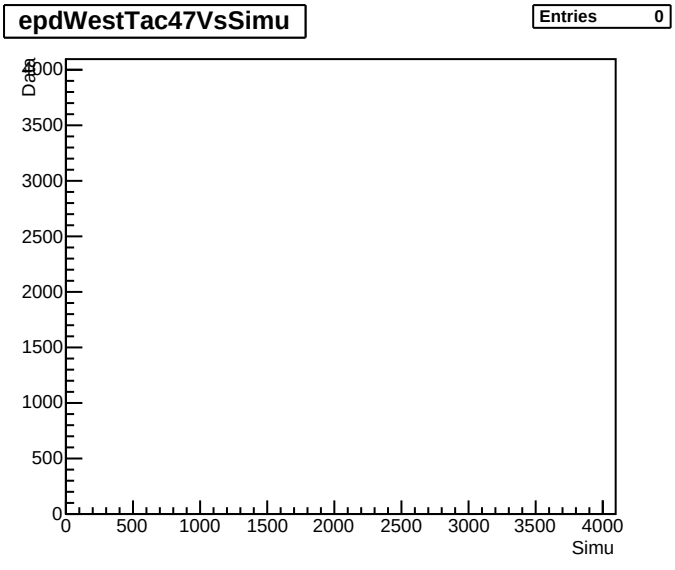
Entries 491257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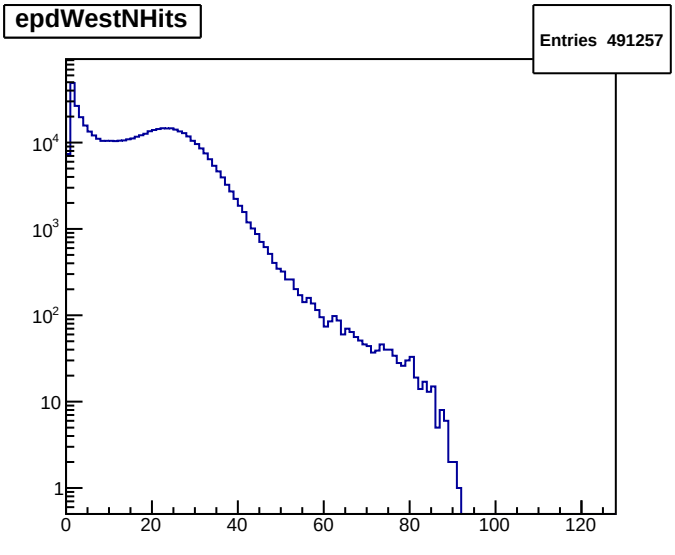
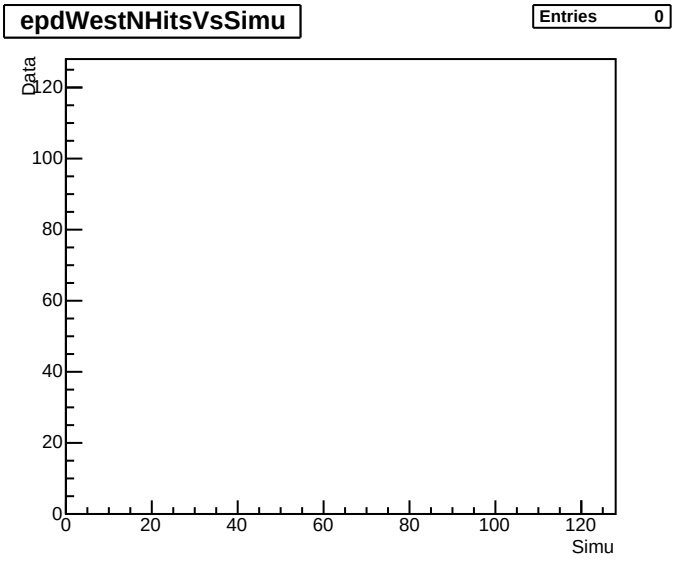
Entries 0
Data
Simu


epdWestNHits
Entries 491257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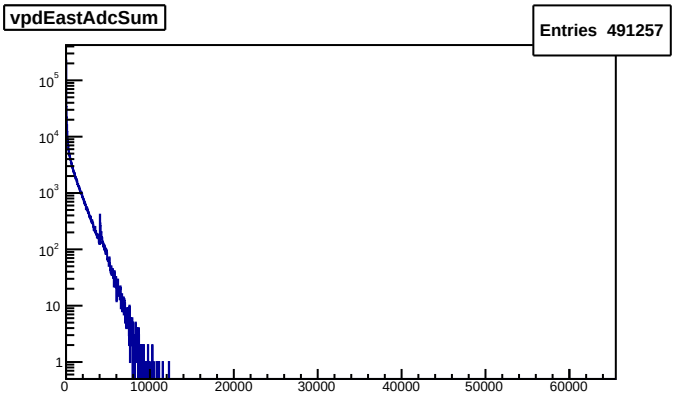
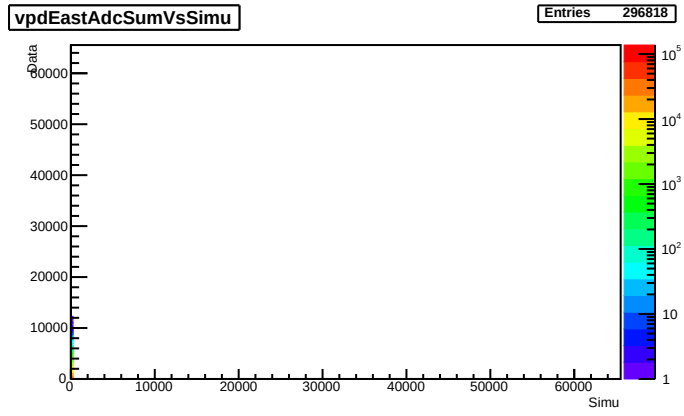
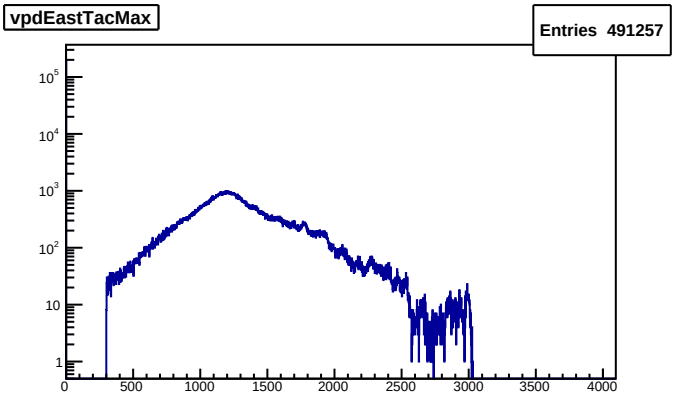
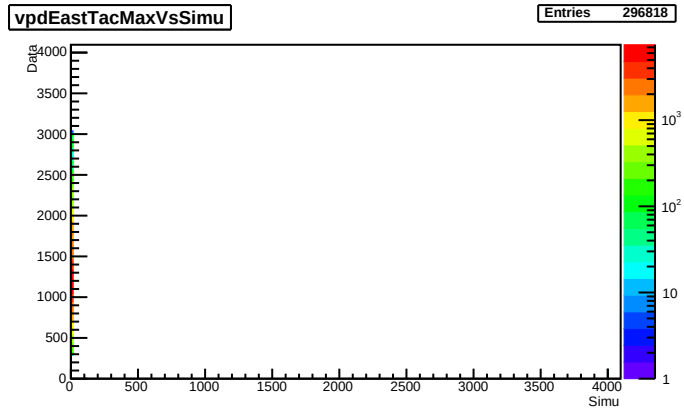
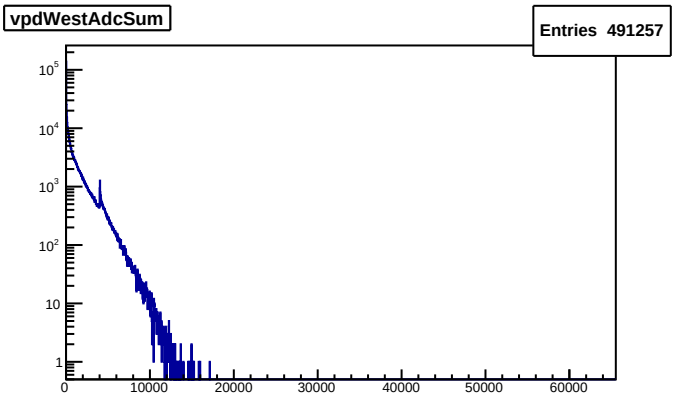
Entries 0
Data
Simu

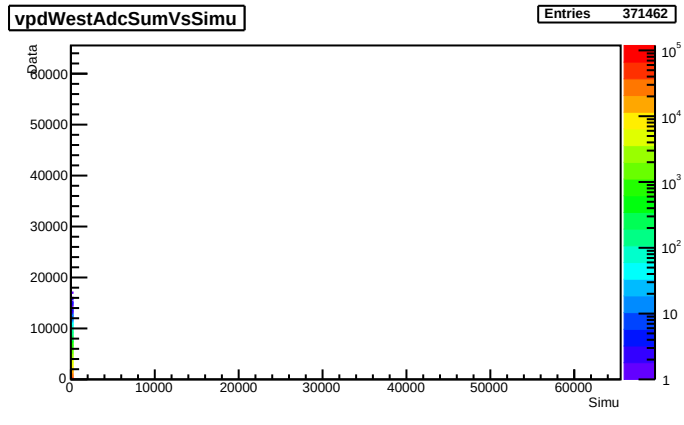

vpdEastAdcSum
Entries 491257

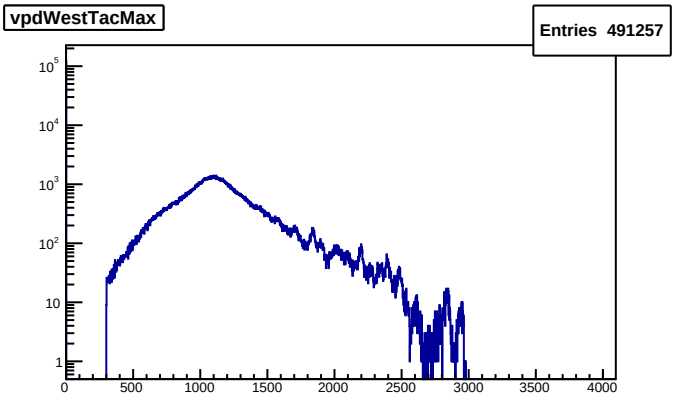

vpdEastAdcSumVsSimu
Entries 296818
Data
Simu

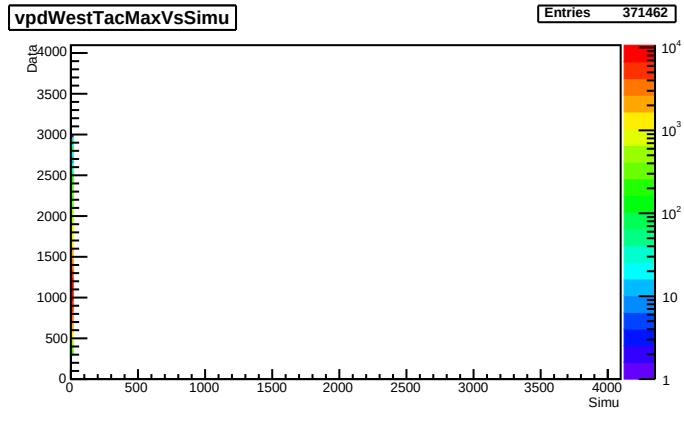

vpdEastTacMax
Entries 491257

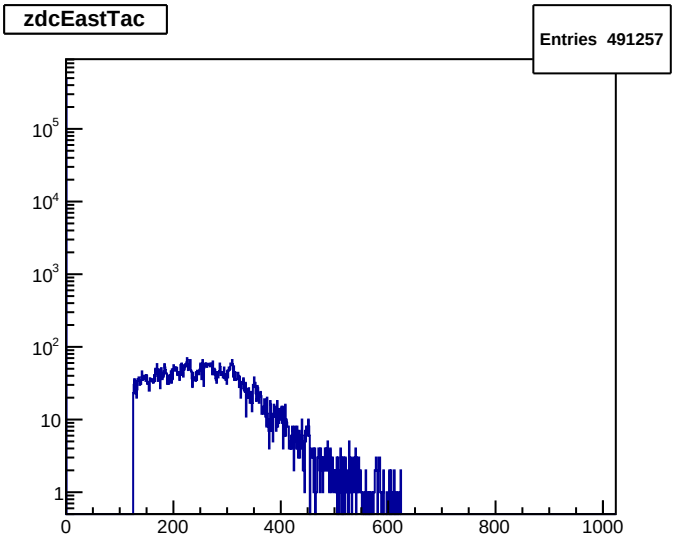

vpdEastTacMaxVsSimu
Entries 296818
Data
Simu

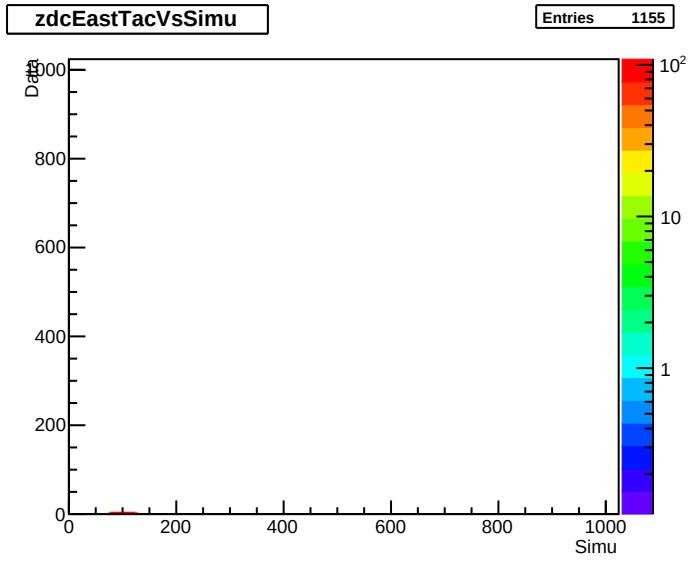

vpdWestAdcSum
Entries 491257

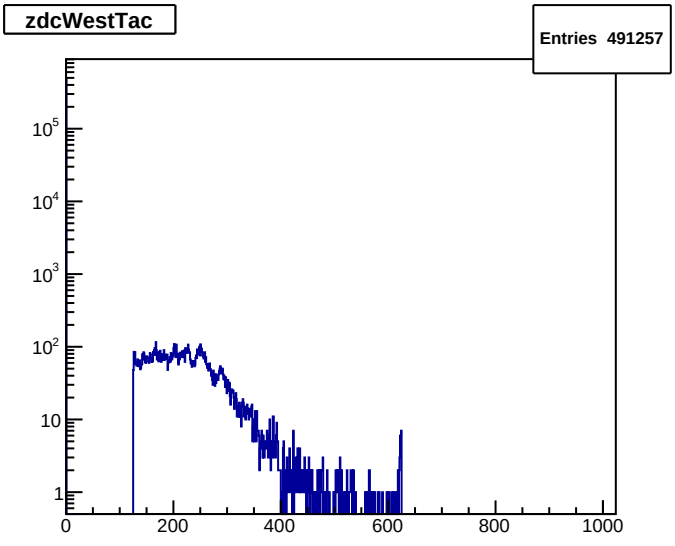

vpdWestAdcSumVsSimu
Entries 371462
Data
Simu

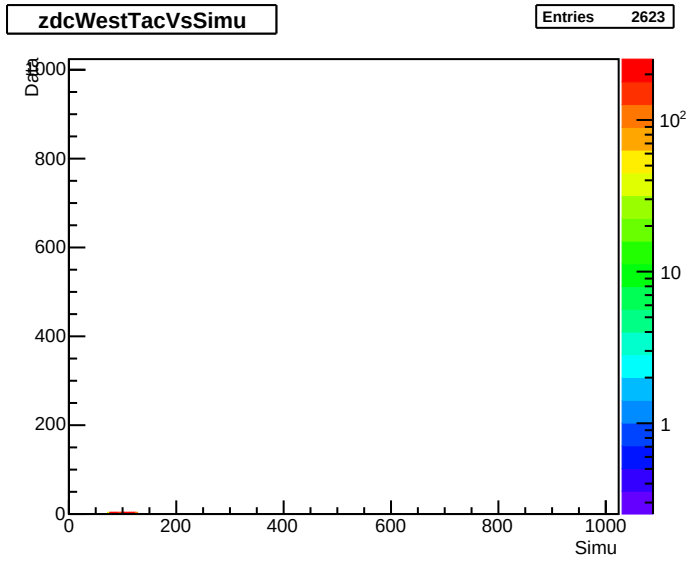

vpdWestTacMax
Entries 491257

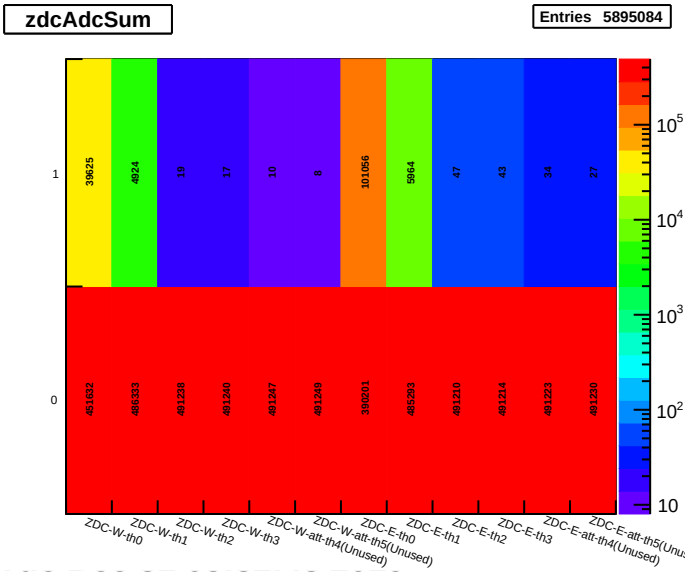

vpdWestTacMaxVsSimu
Entries 371462
Data
Simu

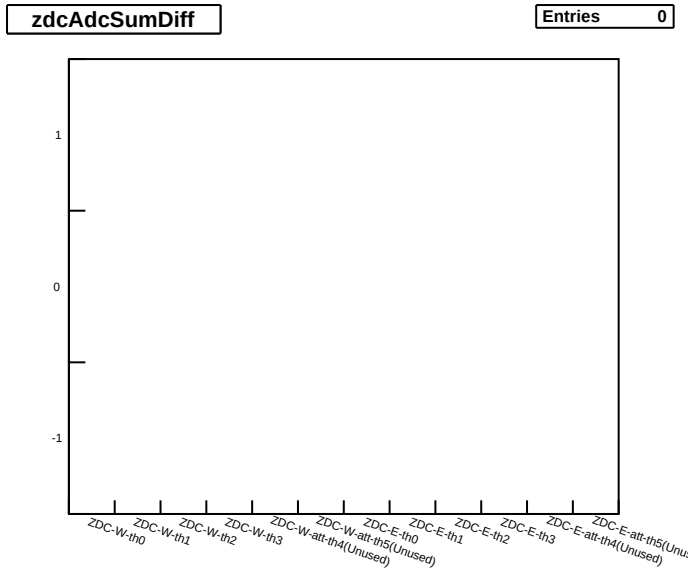

zdcEastTac
Entries 491257

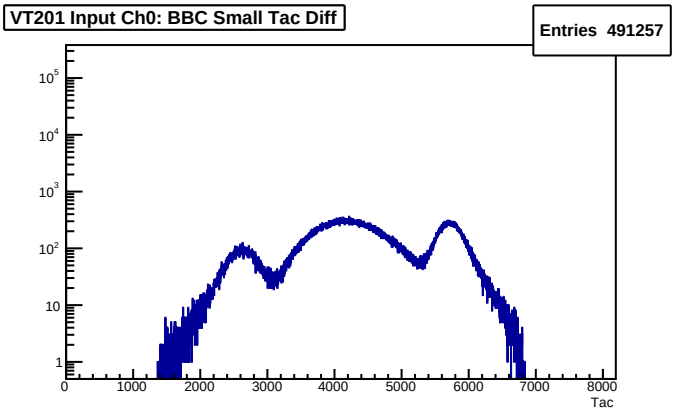

zdcEastTacVsSimu
Entries 1155
Data
Simu

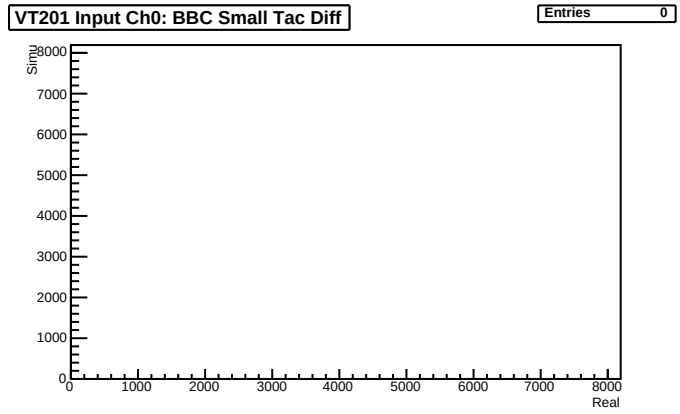

zdcWestTac
Entries 491257

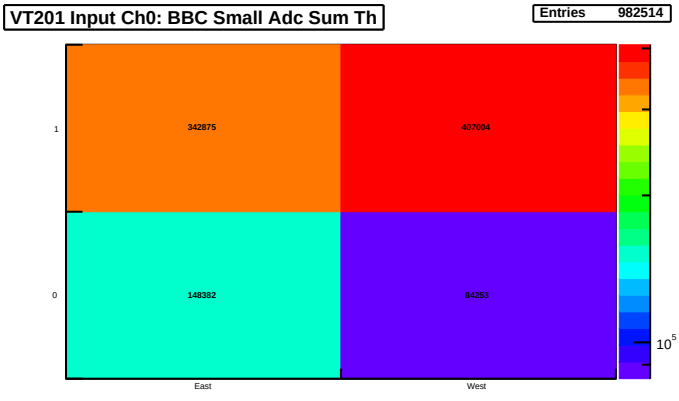

zdcWestTacVsSimu
Entries 2623
Data
Simu

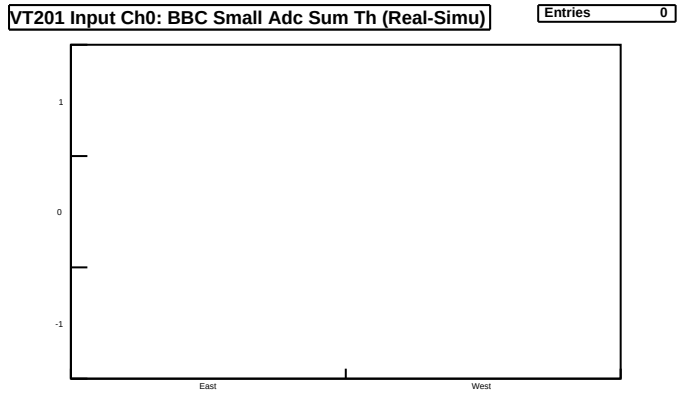

zdcAdcSum
Entries 5895084
39625
4924
19
17
10
8
101056
5964
47
43
34
27
451632
486333
491238
491240
491247
491249
390201
485293
491210
491214
491223
491230
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

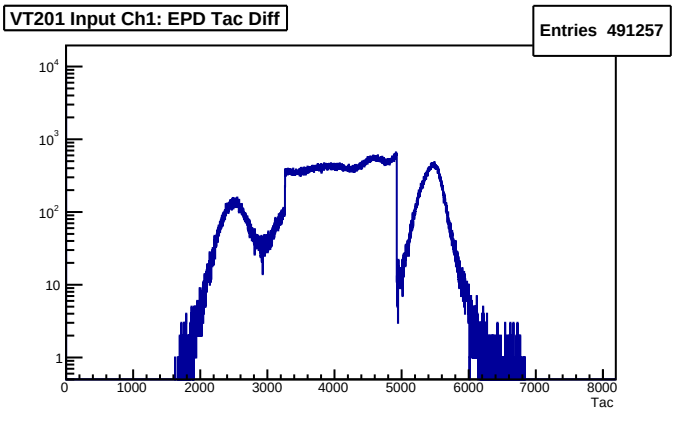

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

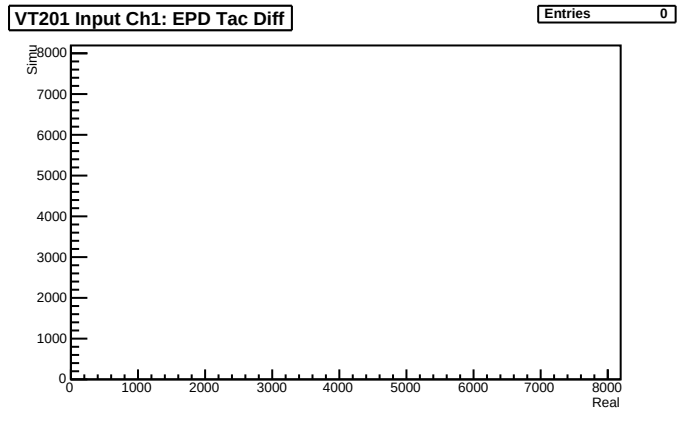

VT201 Input Ch0: BBC Small Tac Diff
Entries 491257
Tac

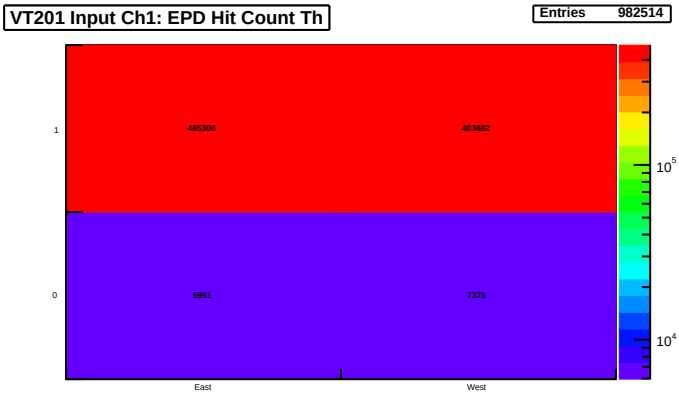

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

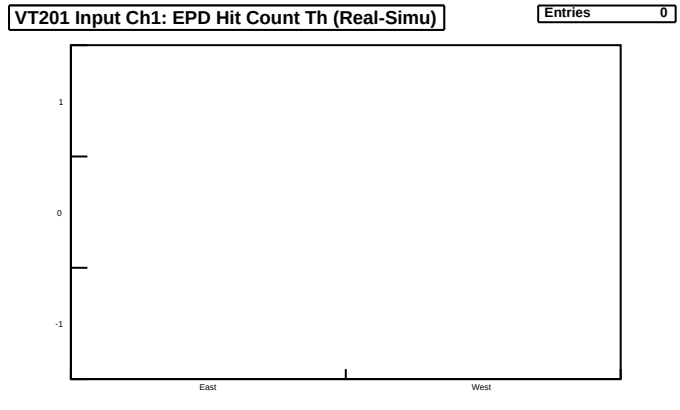

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 982514
342875
407004
148382
84253
East
West

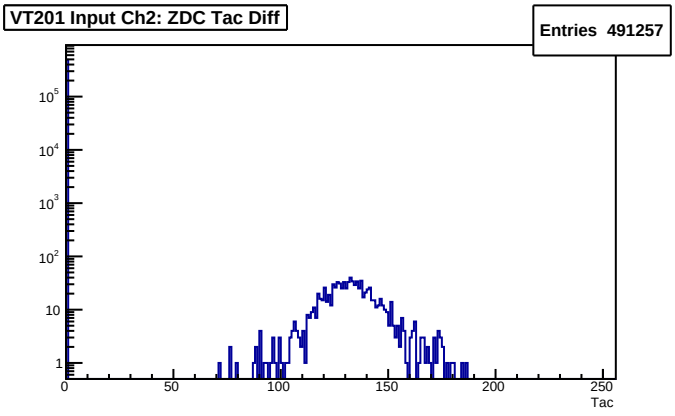

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

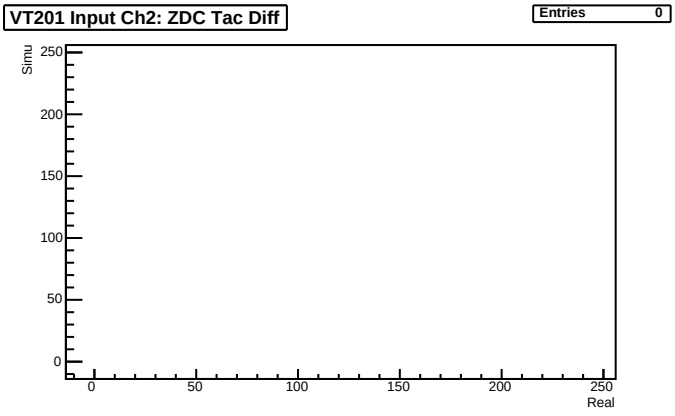

VT201 Input Ch1: EPD Tac Diff
Entries 491257
Tac

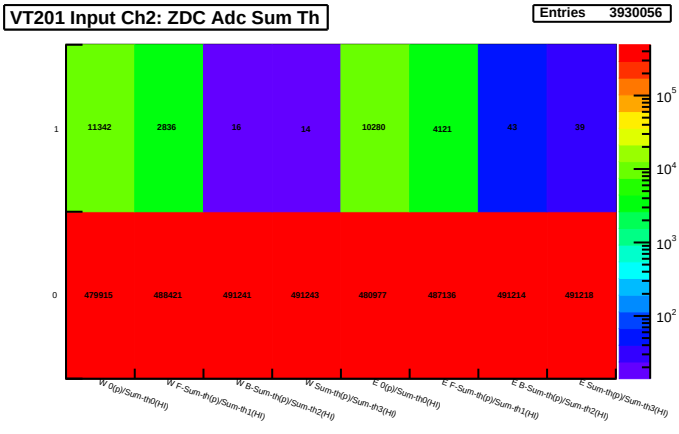

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

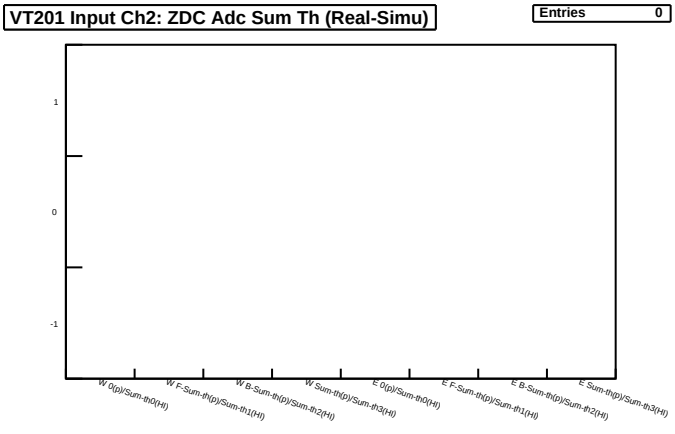

VT201 Input Ch1: EPD Hit Count Th
Entries 982514
485306
483882
5951
7375
East
West

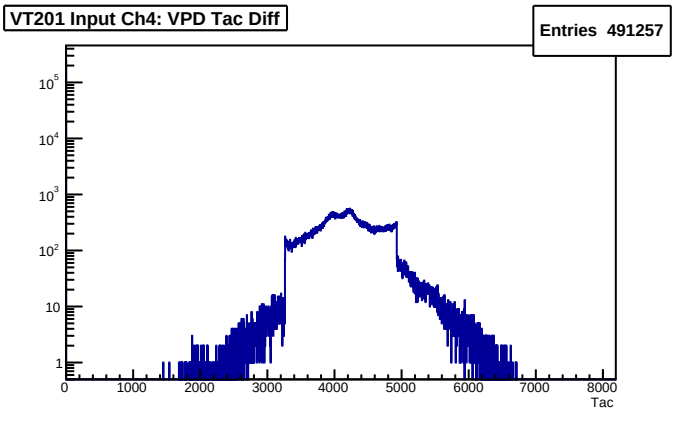

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

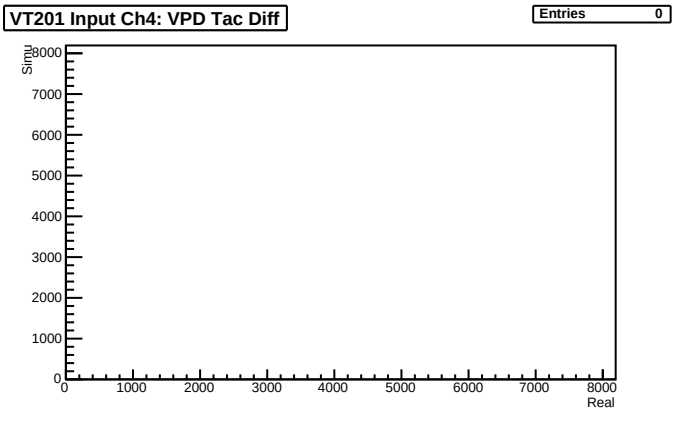

VT201 Input Ch2: ZDC Tac Diff
Entries 491257
Tac

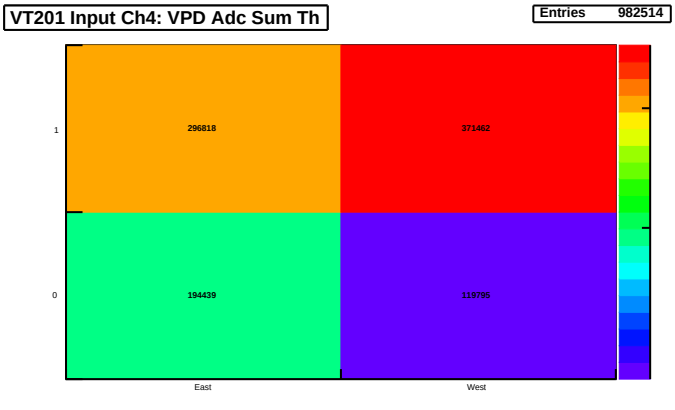

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

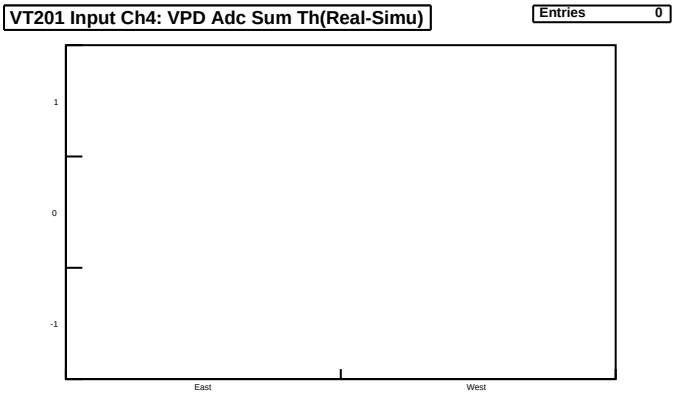

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3930056
11342
2836
16
14
10280
4121
43
39
479915
488421
491241
491243
480977
487136
491214
491218
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

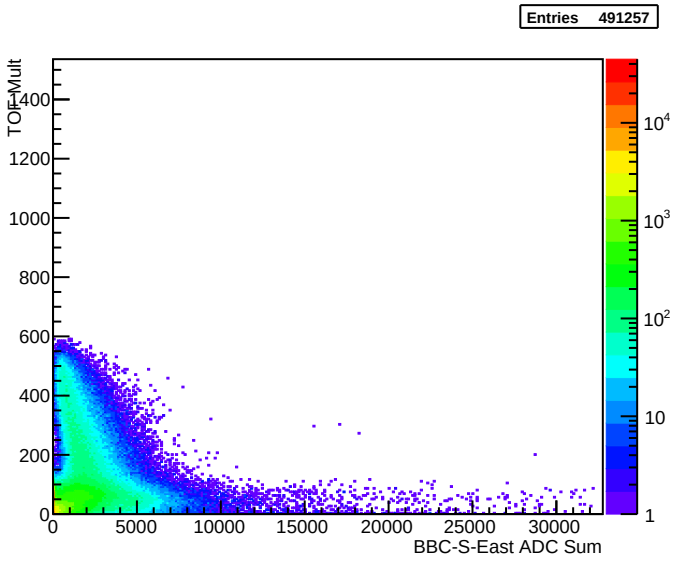

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

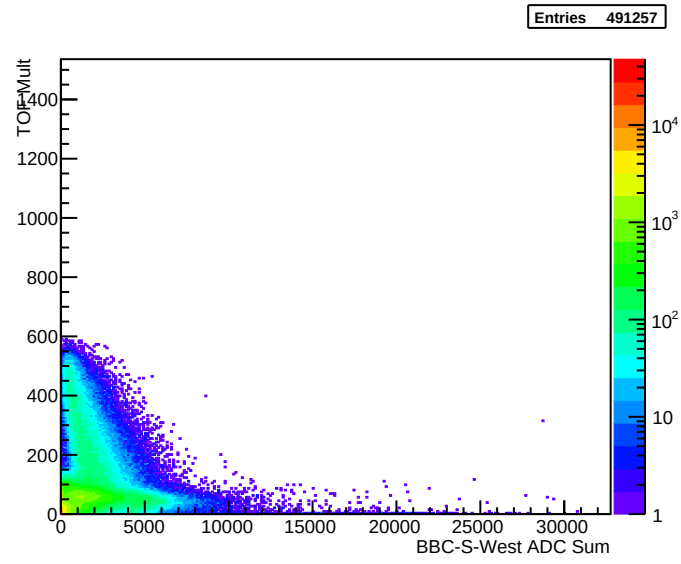

VT201 Input Ch4: VPD Tac Diff
Entries 491257
Tac

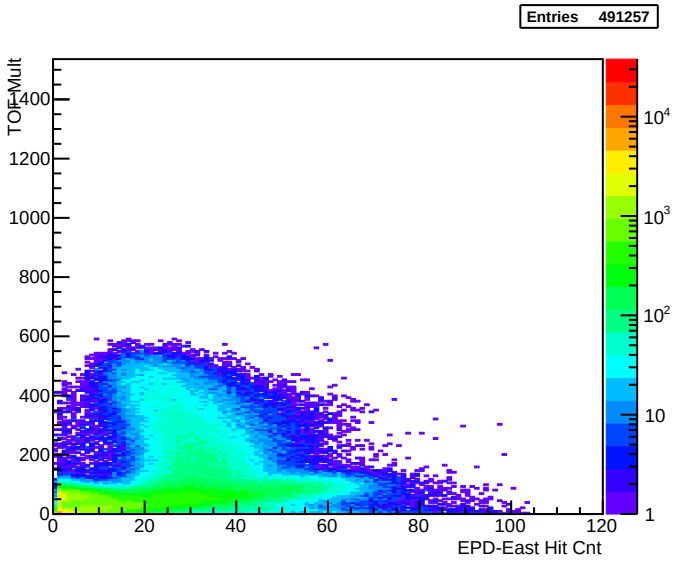

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

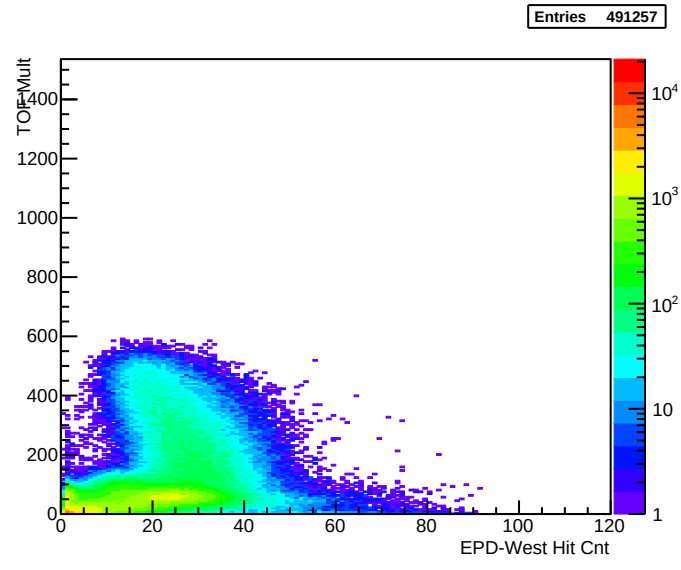

VT201 Input Ch4: VPD Adc Sum Th
Entries 982514
296818
371462
194439
119795
East
West

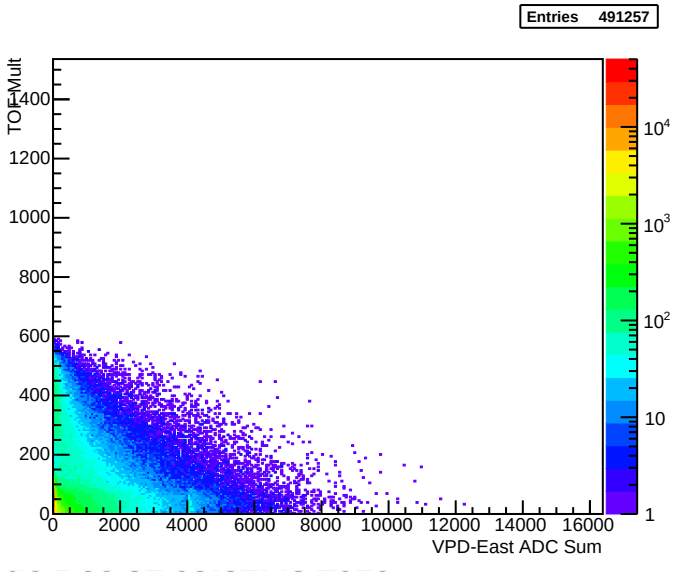

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

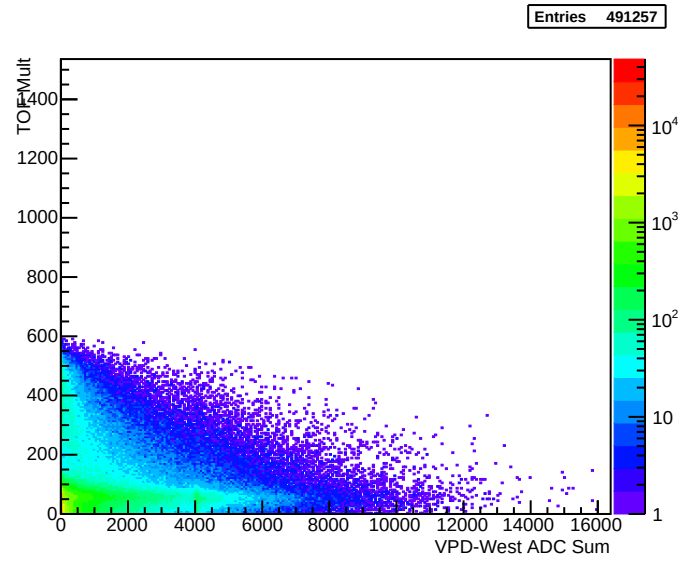

Entries 491257
TOF-Mult
BBC-S-East ADC Sum

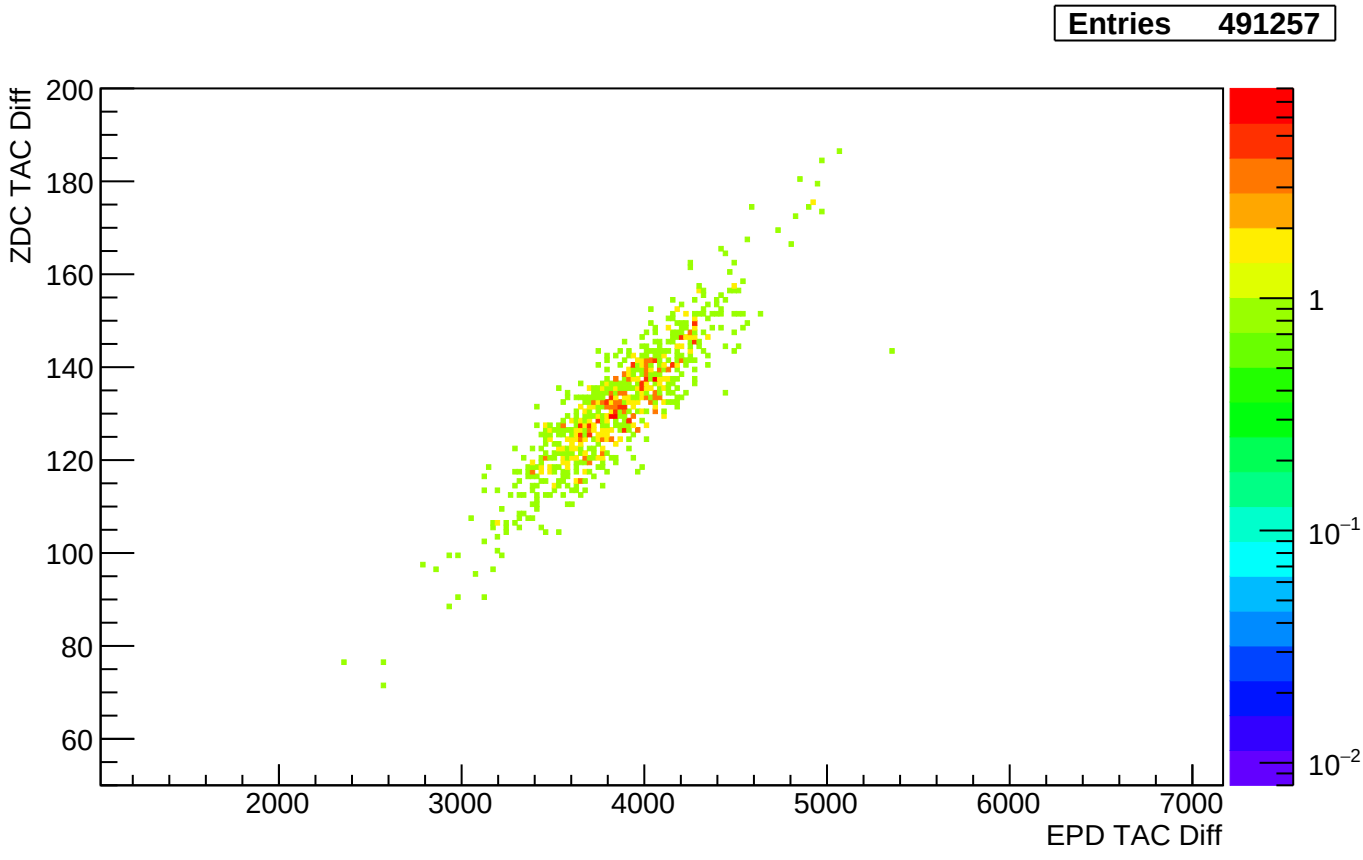

Entries 491257
TOF-Mult
BBC-S-West ADC Sum

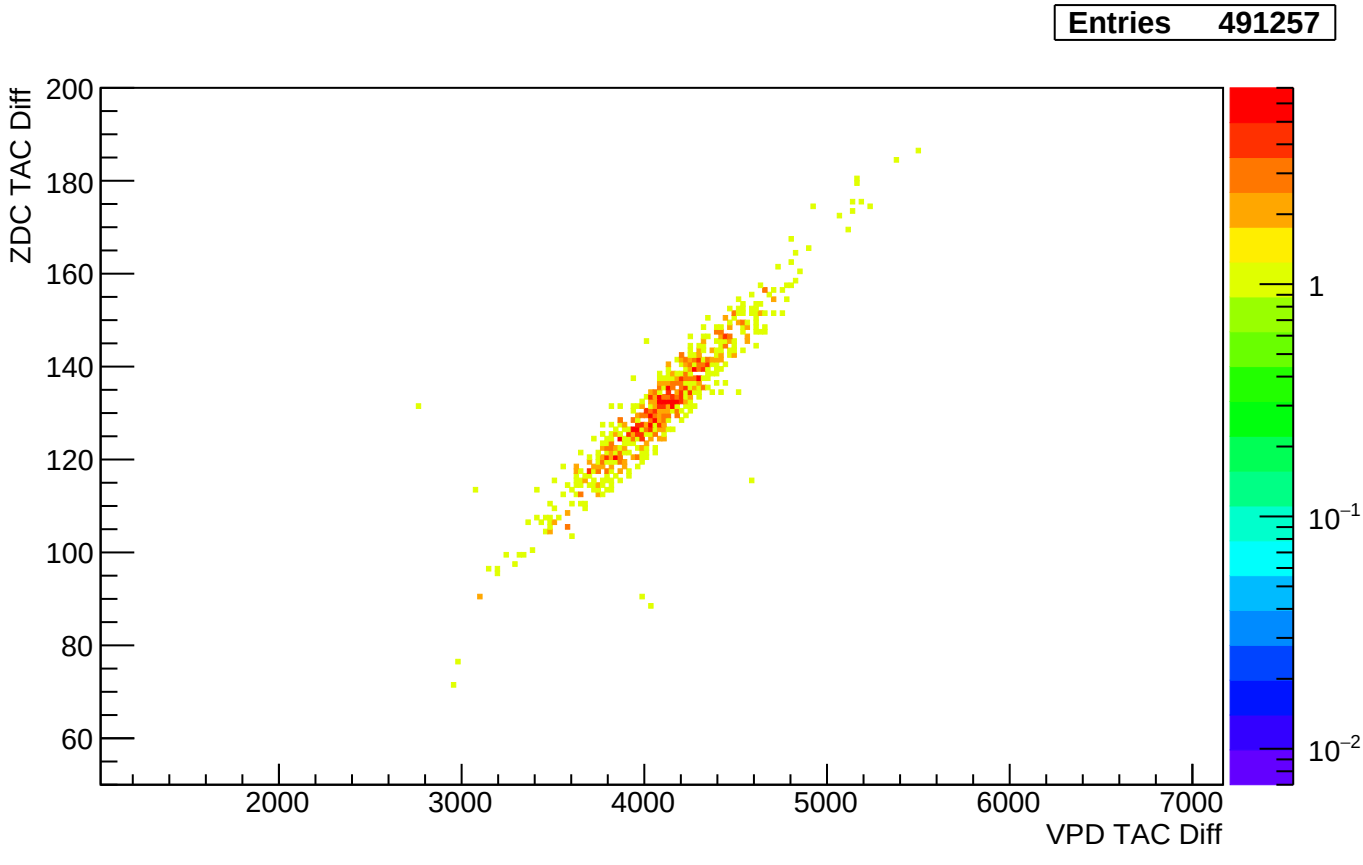

Entries 491257
TOF-Mult
EPD-East Hit Cnt

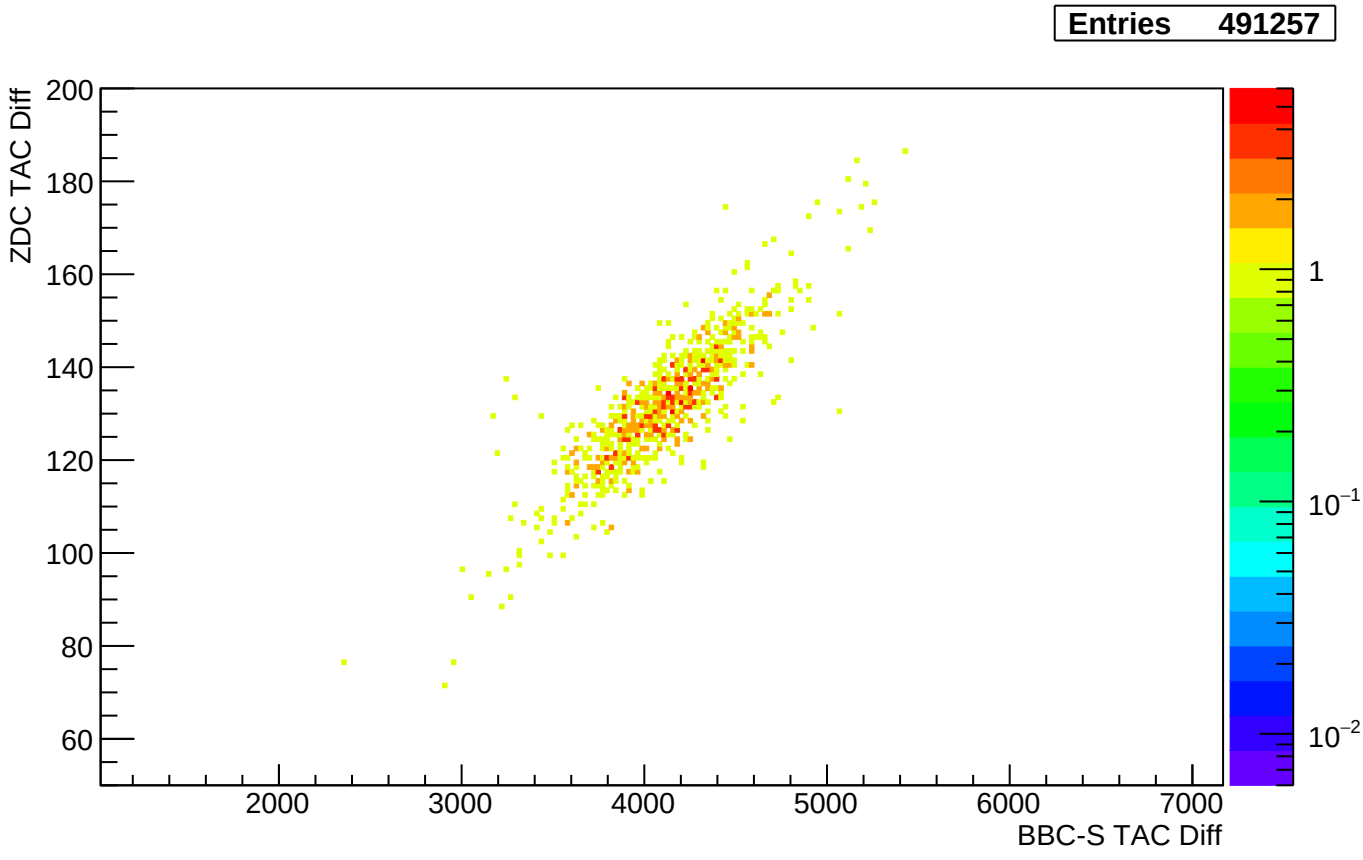

Entries 491257
TOF-Mult
EPD-West Hit Cnt

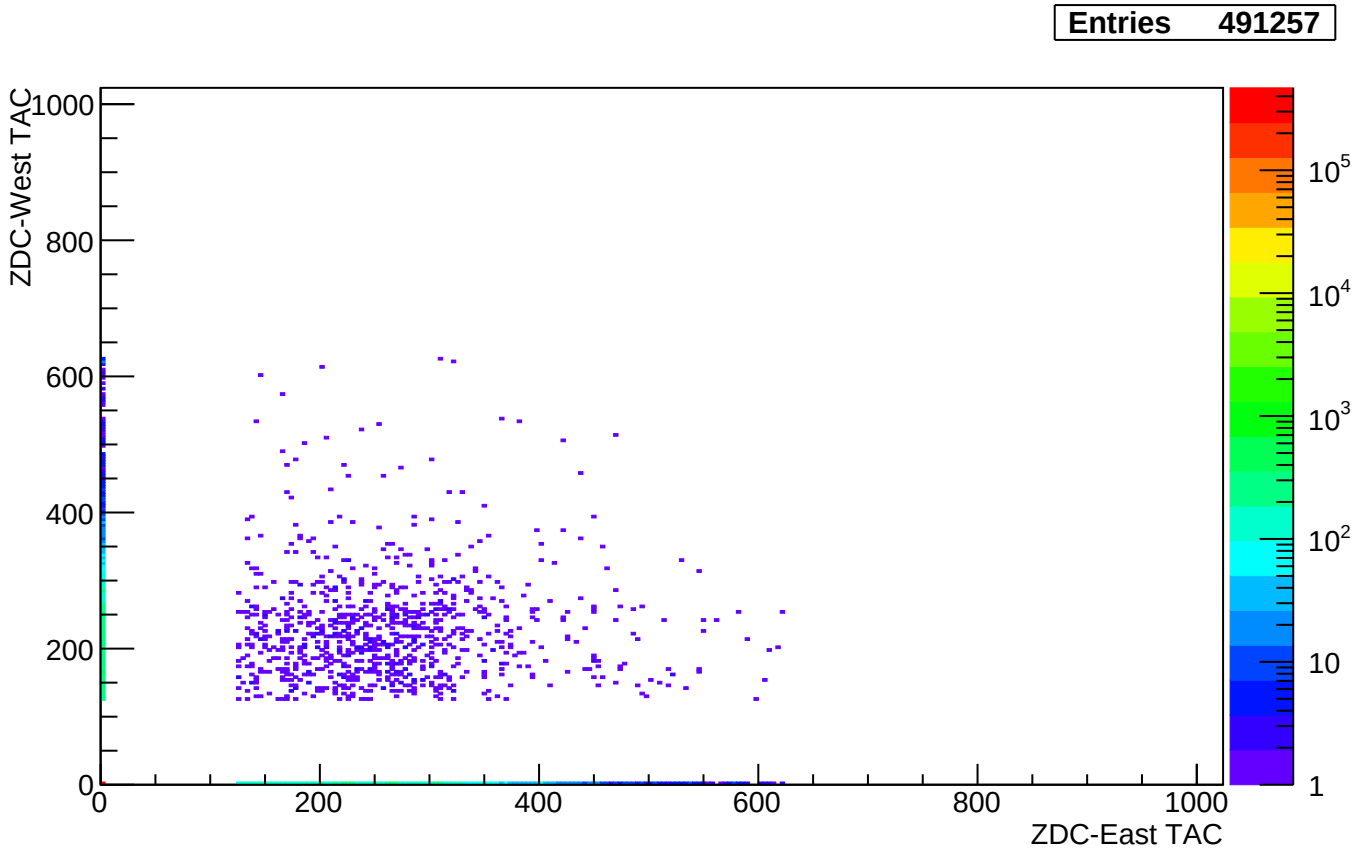

Entries 491257
TOF-Mult
VPD-East ADC Sum

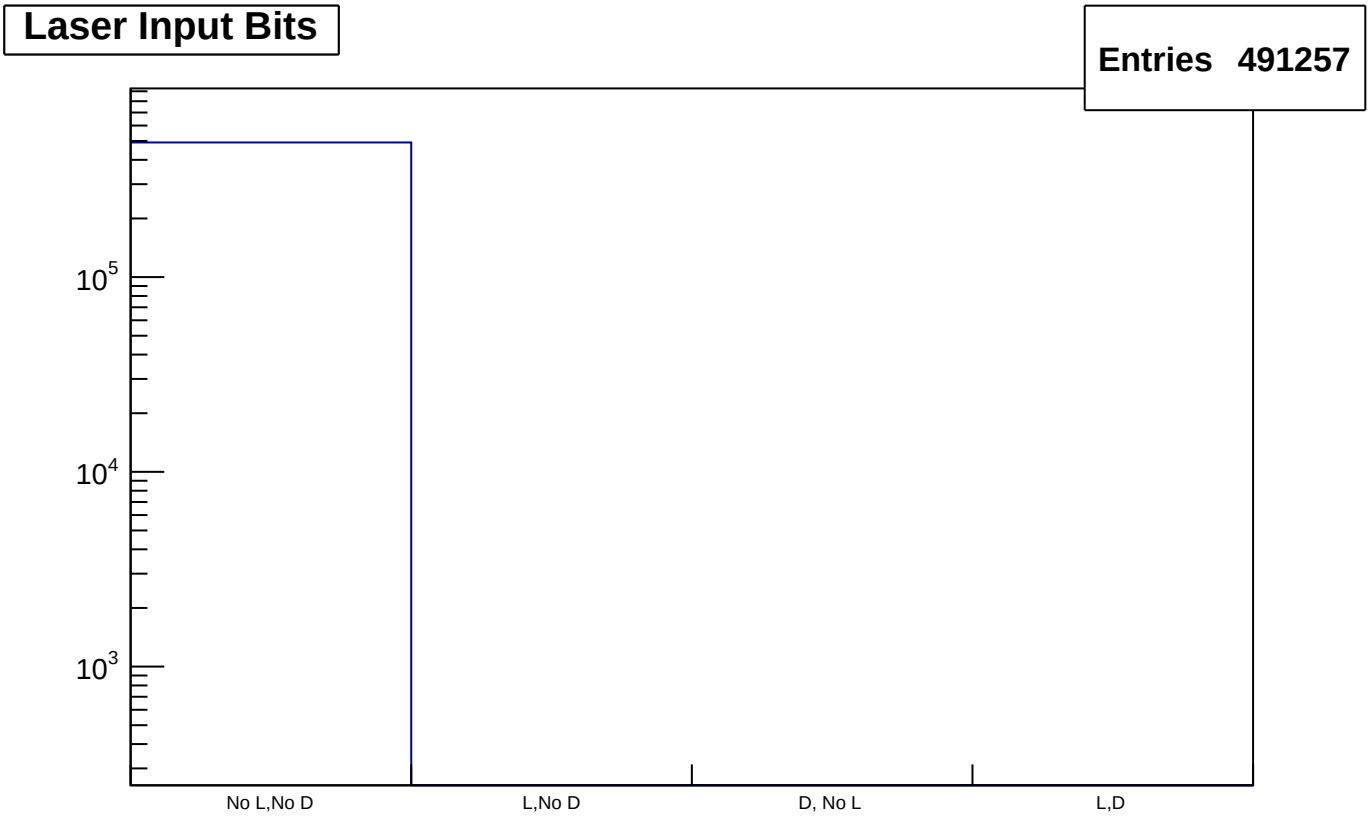

Entries 491257
TOF-Mult
VPD-West ADC Sum

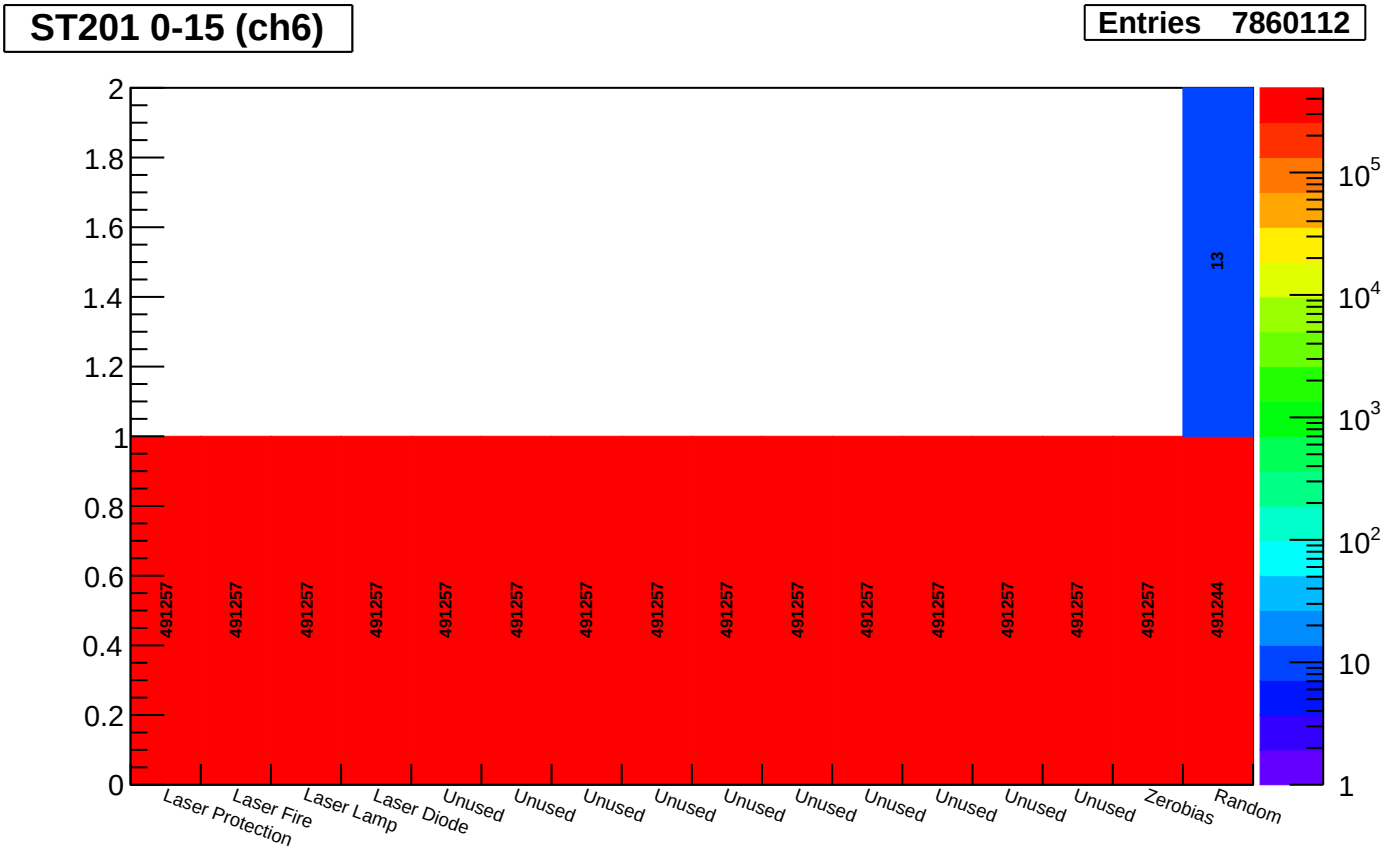

Entries 491257
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

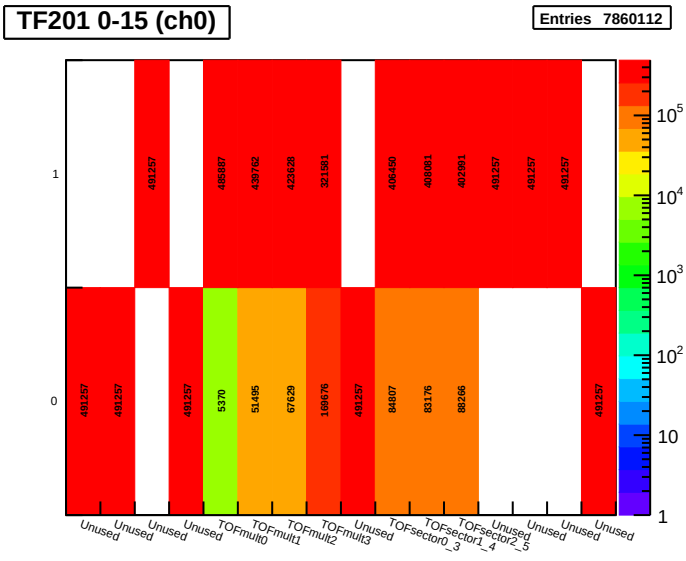

Entries 491257
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

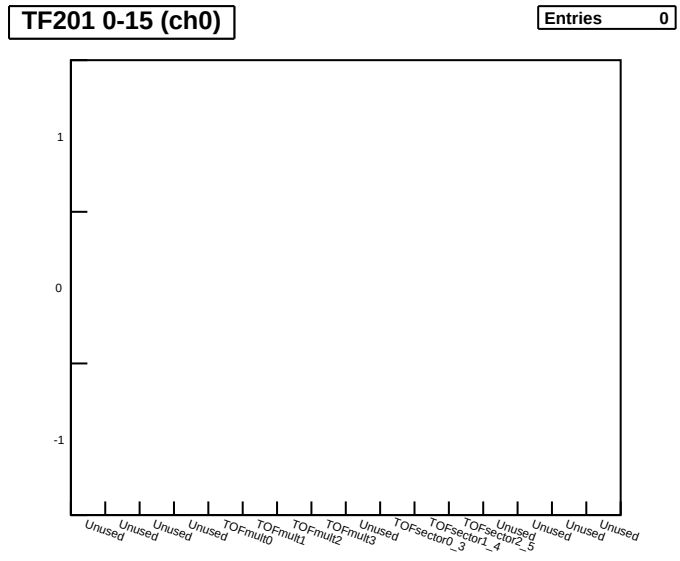

Entries 491257
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

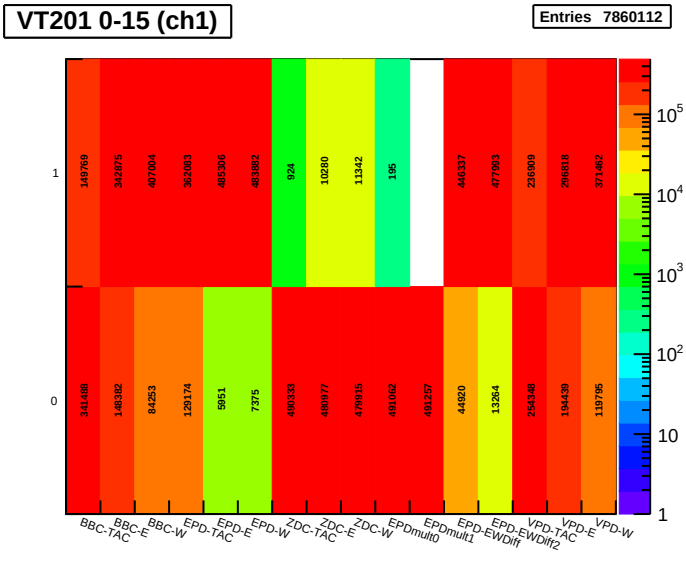

Entries 491257
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

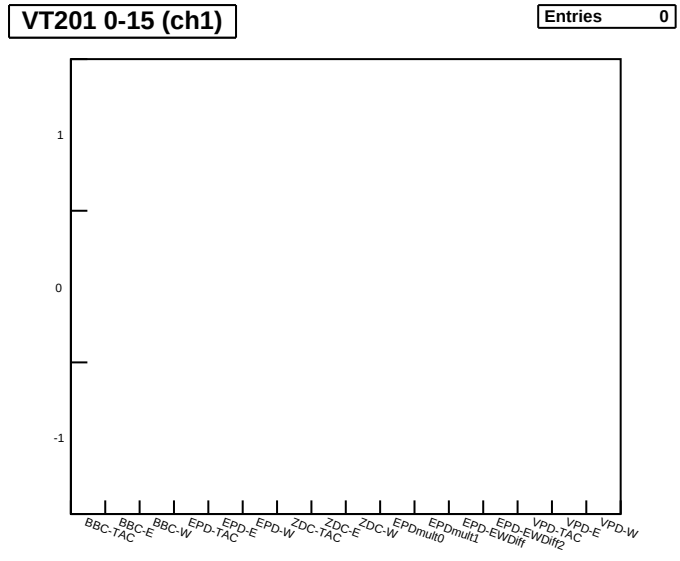

Laser Input Bits
Entries 491257
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

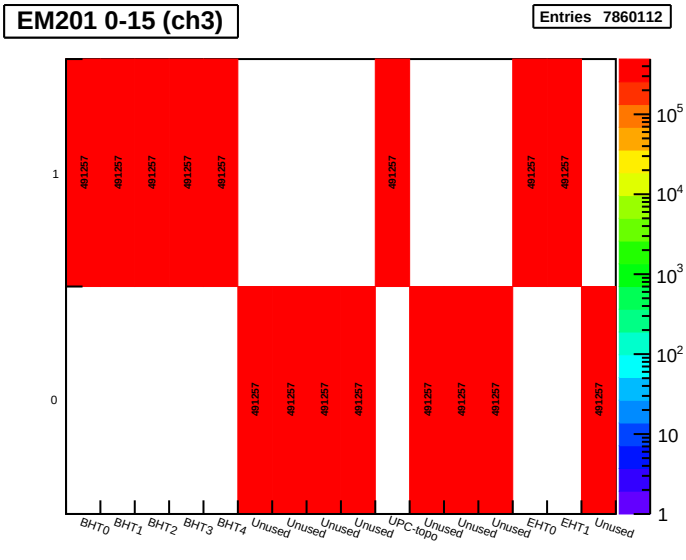

ST201 0-15 (ch6)
Entries 7860112
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13
491257
491244
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

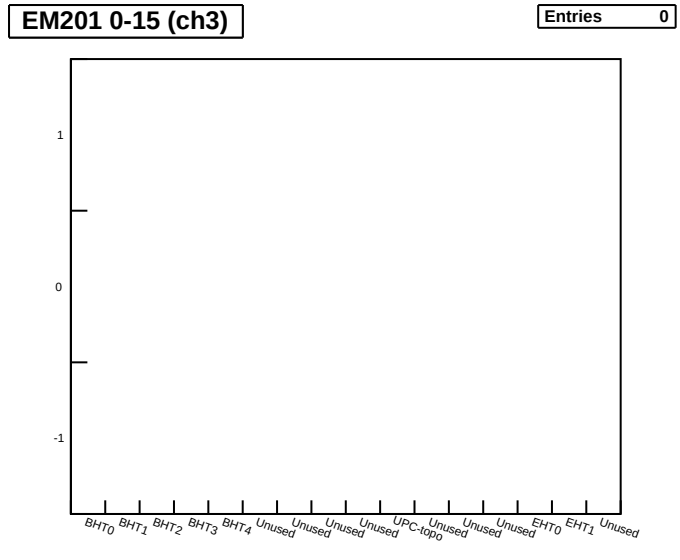

TF201 0-15 (ch0)
Entries 7860112
1
0
491257
485687
439762
423628
321931
406450
408081
402991
491257
491257
491257
491257
491257
5370
51495
67629
169676
491257
84807
83176
88266
491257
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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
Unused


VT201 0-15 (ch1)
Entries 7860112
1
0
149769
342875
407004
362083
485306
483882
924
10280
11342
195
446337
477993
236909
296818
371462
341488
148382
84253
129174
5951
7375
490333
480977
479915
491062
491257
44920
13264
254346
194439
119795
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 7860112
1
0
491257
491257
491257
491257
491257
491257
491257
491257
491257
491257
491257
491257
491257
491257
491257
491257
491257
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