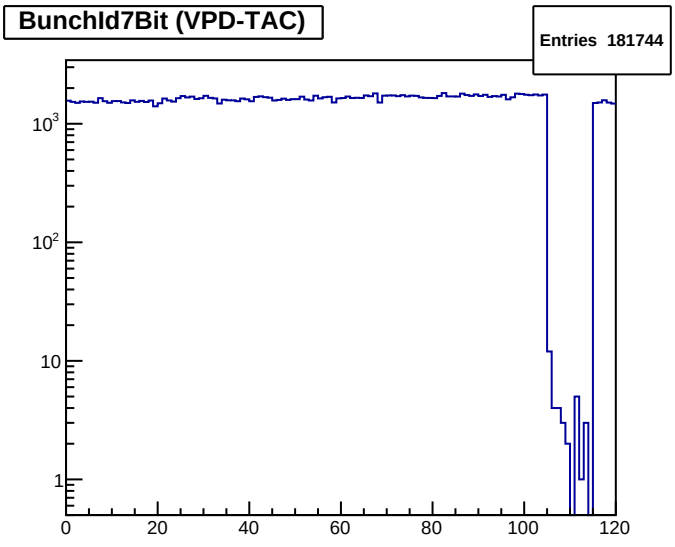
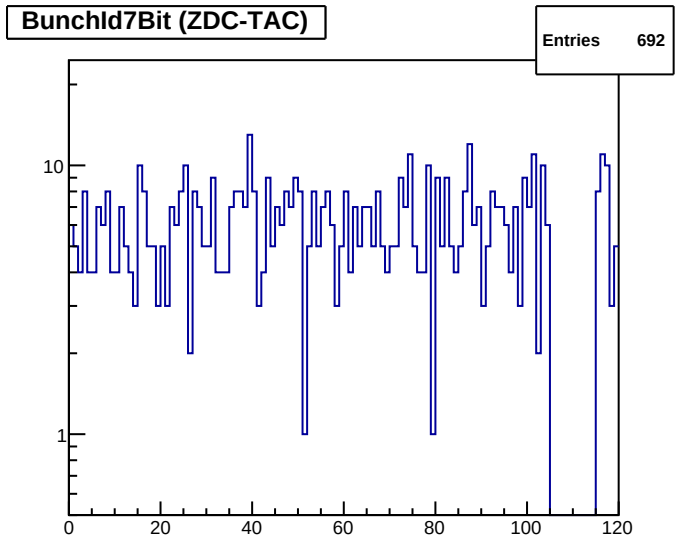
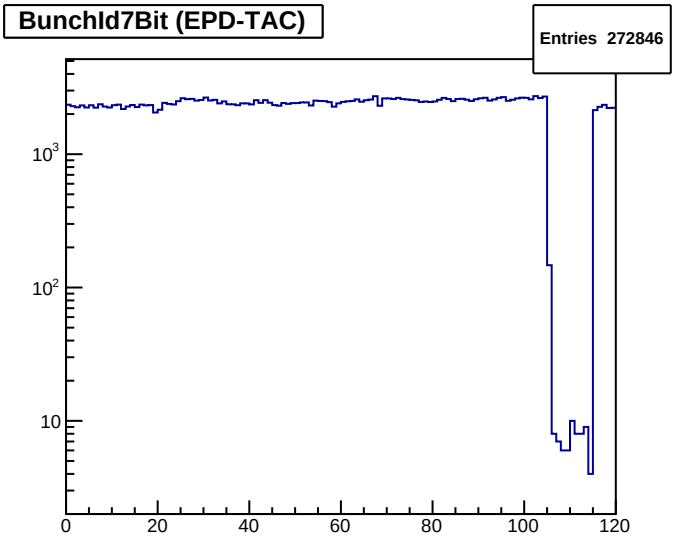
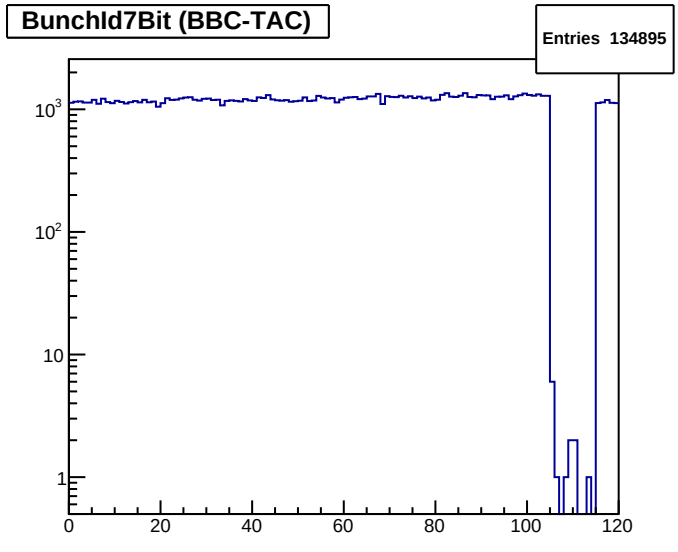
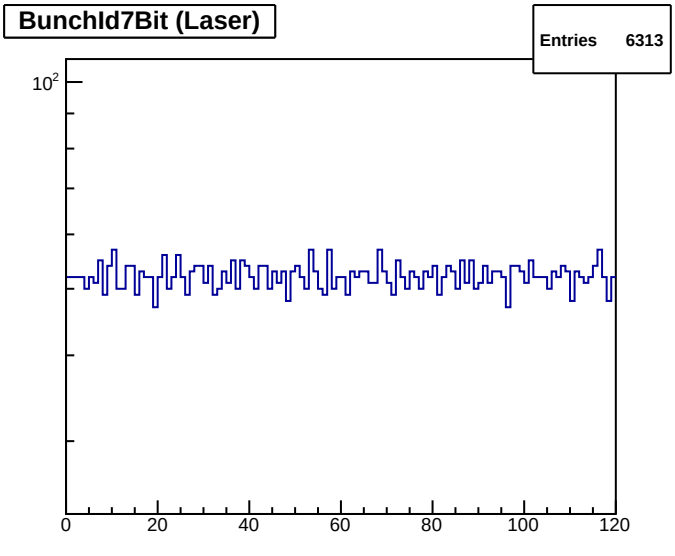
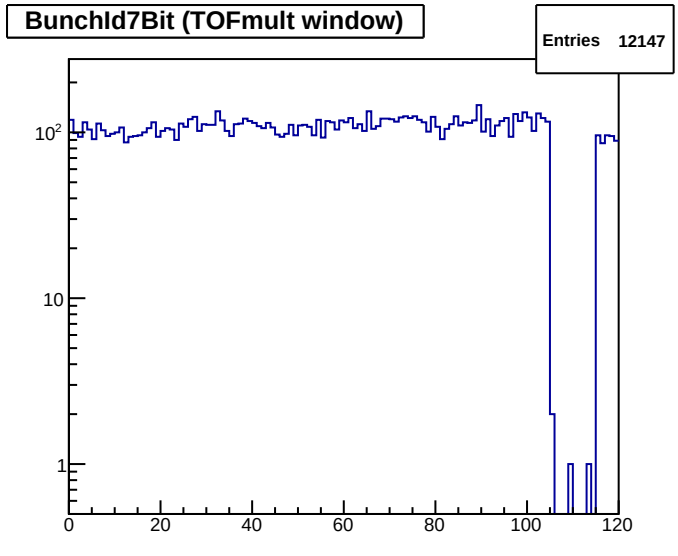

BunchId7Bit (VPD-TAC)
Entries 181744

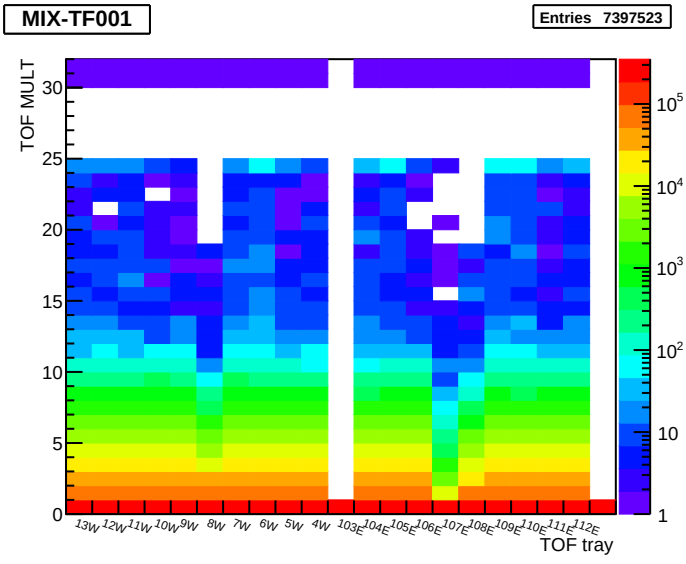

BunchId7Bit (ZDC-TAC)
Entries 692

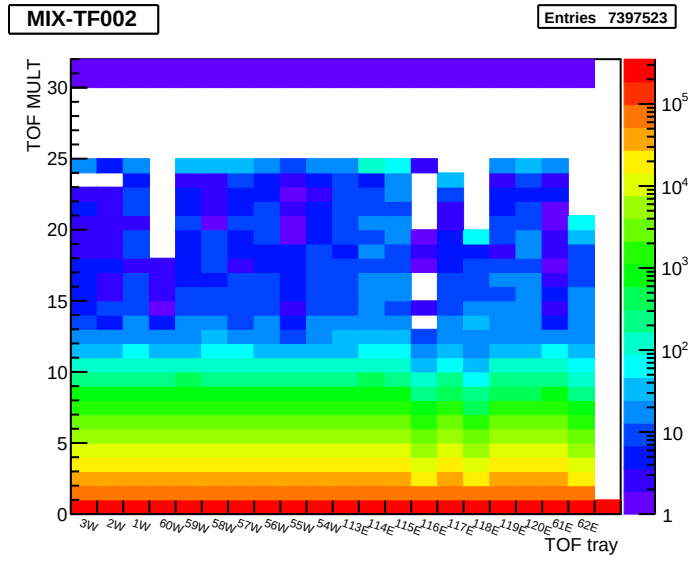

BunchId7Bit (EPD-TAC)
Entries 272846

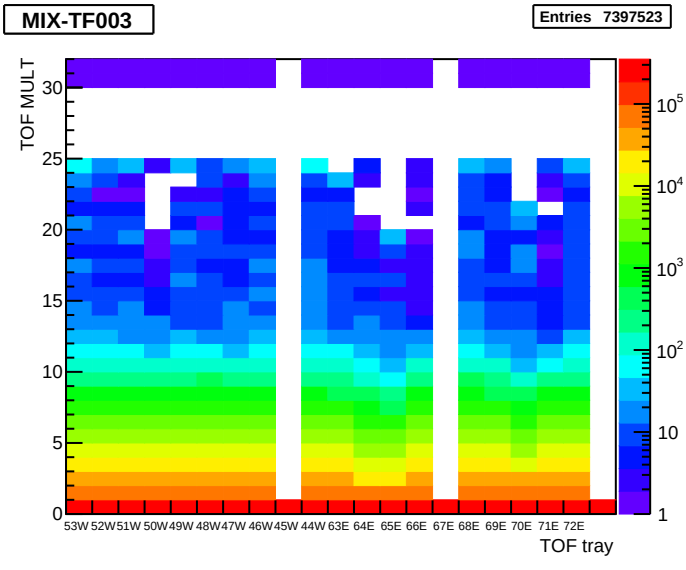

BunchId7Bit (BBC-TAC)
Entries 134895

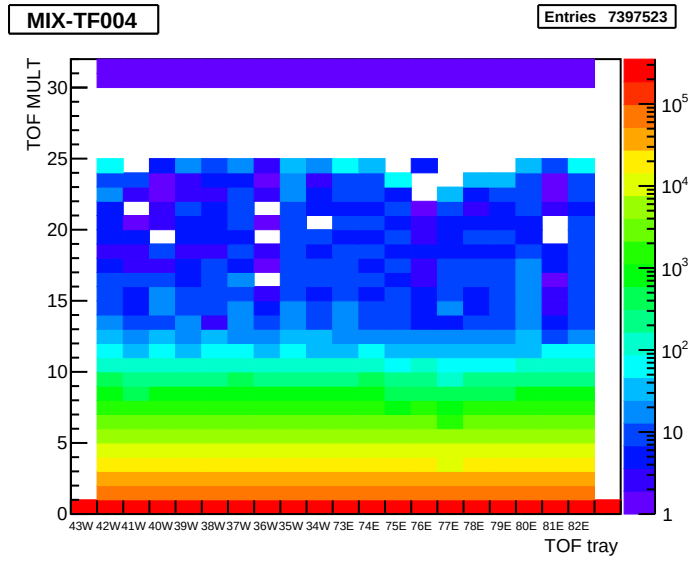

BunchId7Bit (Laser)
Entries 6313

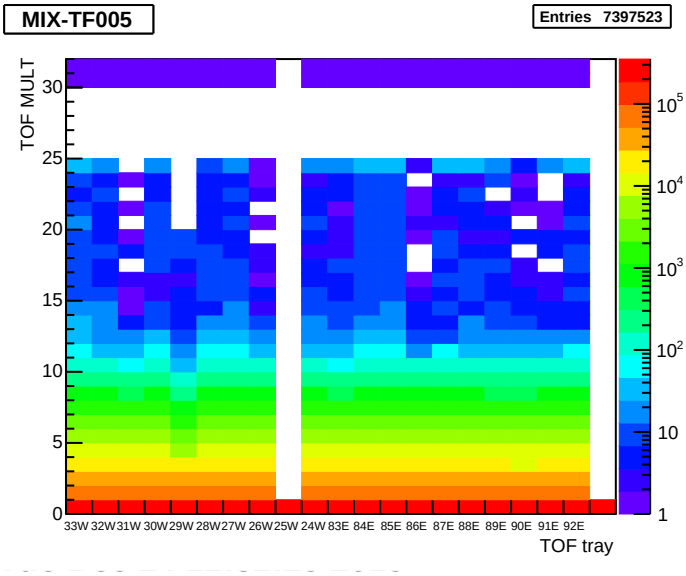

BunchId7Bit (TOFmult window)
Entries 12147

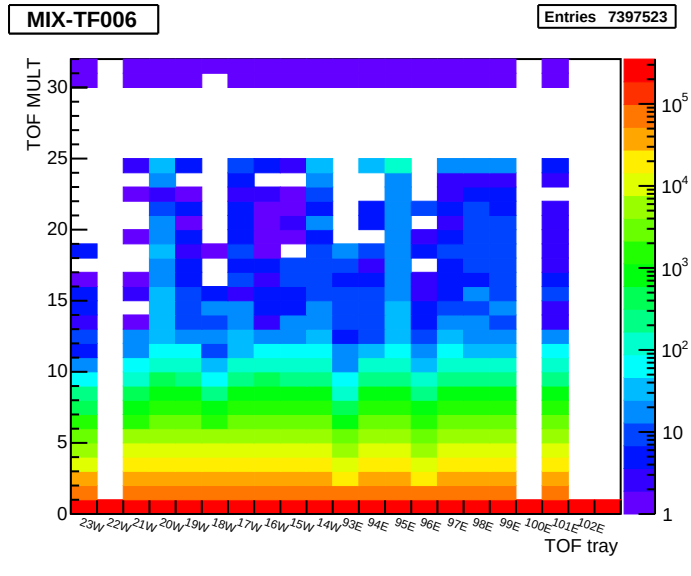

MIX-TF001
Entries 7397523
TOF MULT
TOF tray

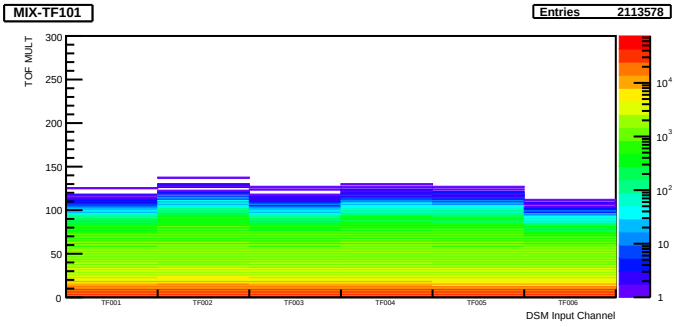

MIX-TF002
Entries 7397523
TOF MULT
TOF tray

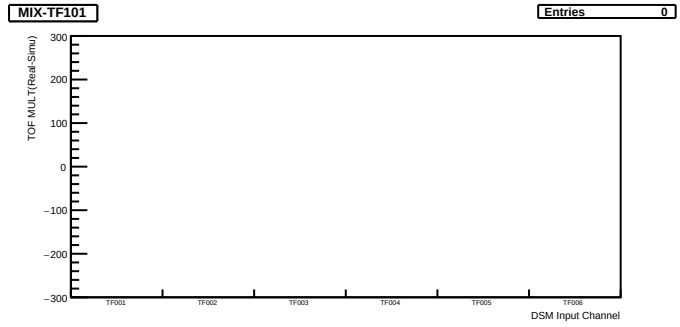

MIX-TF003
Entries 7397523
TOF MULT
TOF tray

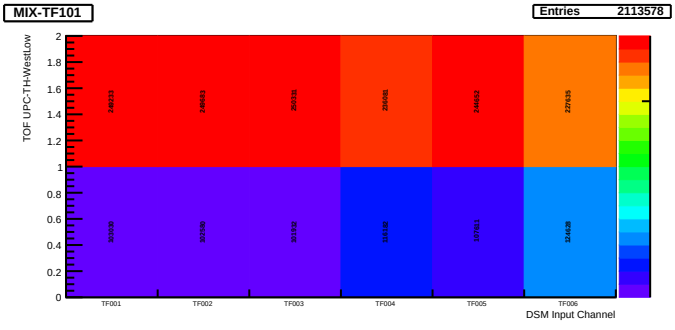

MIX-TF004
Entries 7397523
TOF MULT
TOF tray

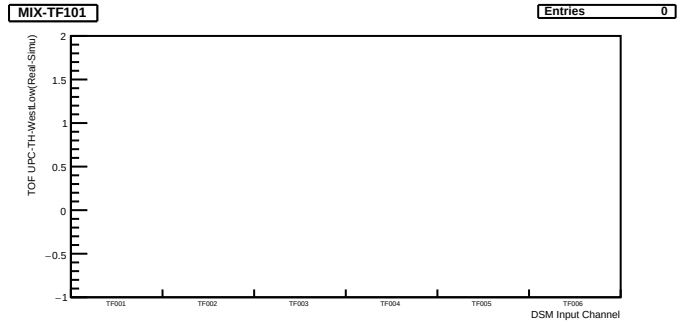

MIX-TF005
Entries 7397523
TOF MULT
TOF tray

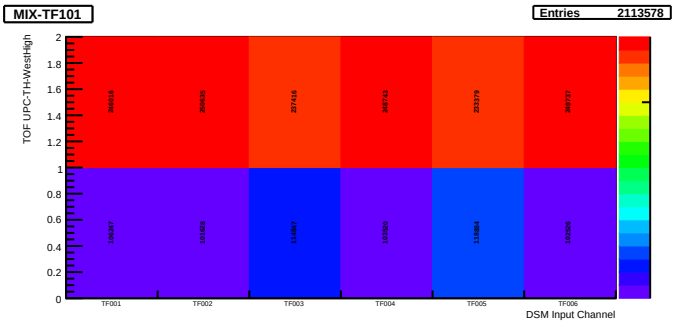

MIX-TF006
Entries 7397523
TOF MULT
TOF tray

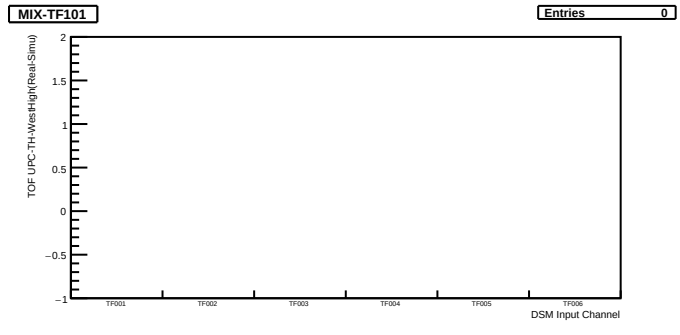

MIX-TF101
Entries 2113578
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

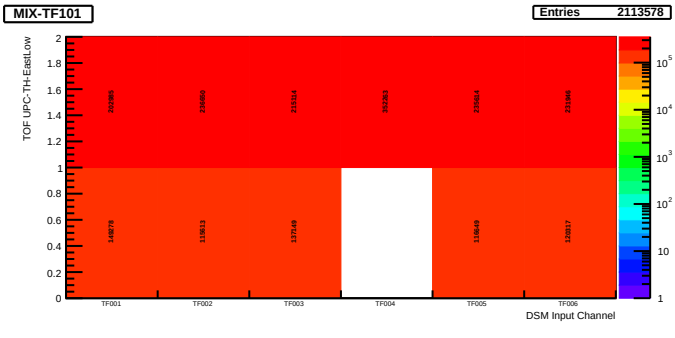

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

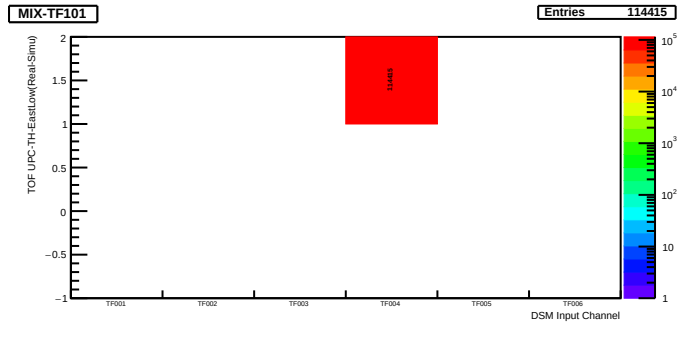

MIX-TF101
Entries 2113578
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

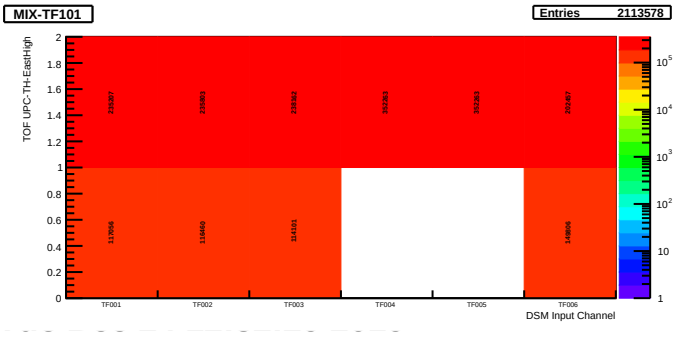

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

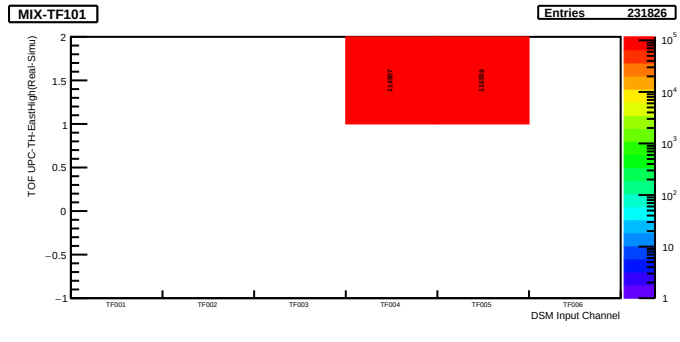

MIX-TF101
Entries 2113578
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

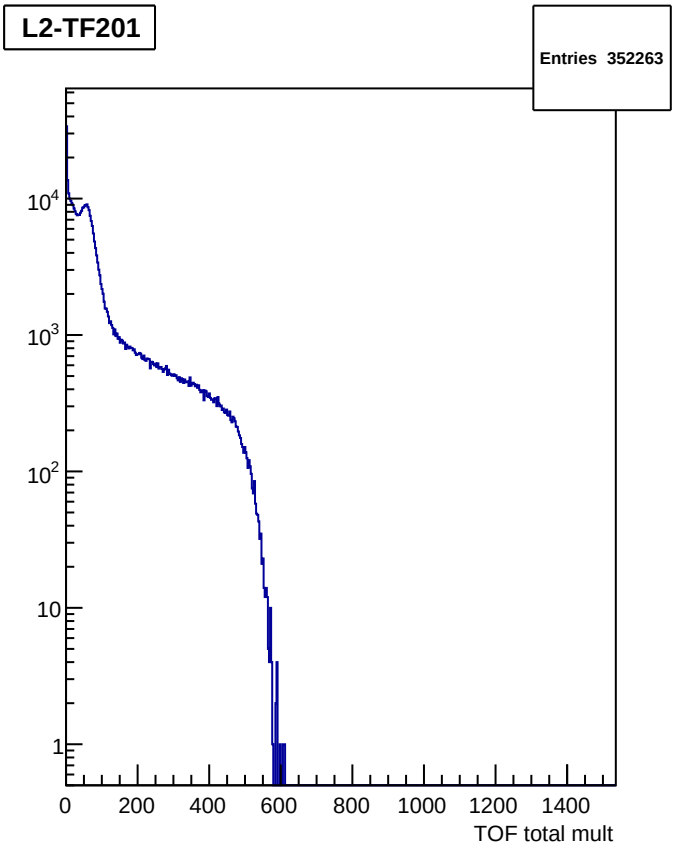

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

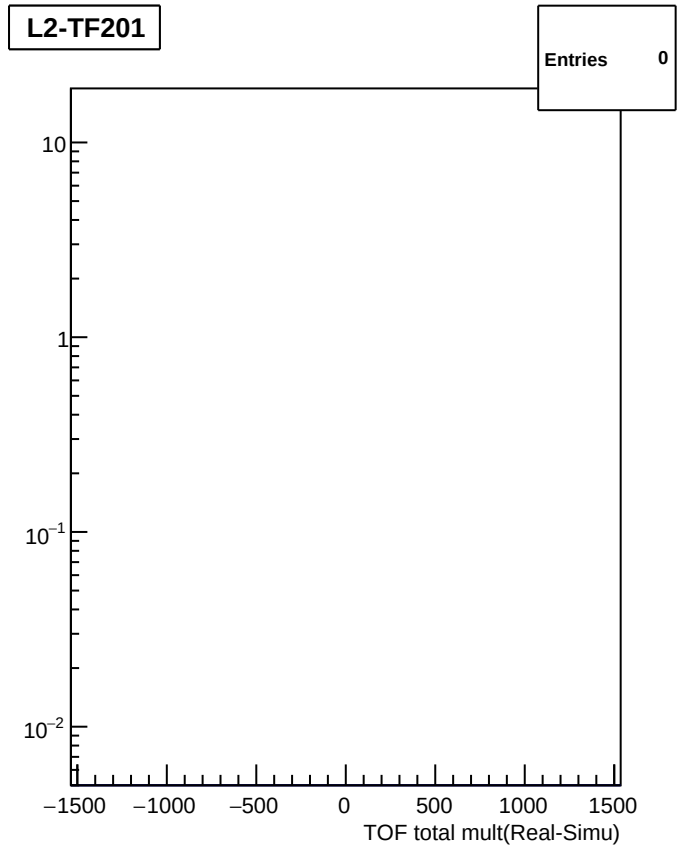

MIX-TF101
Entries 2113578
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

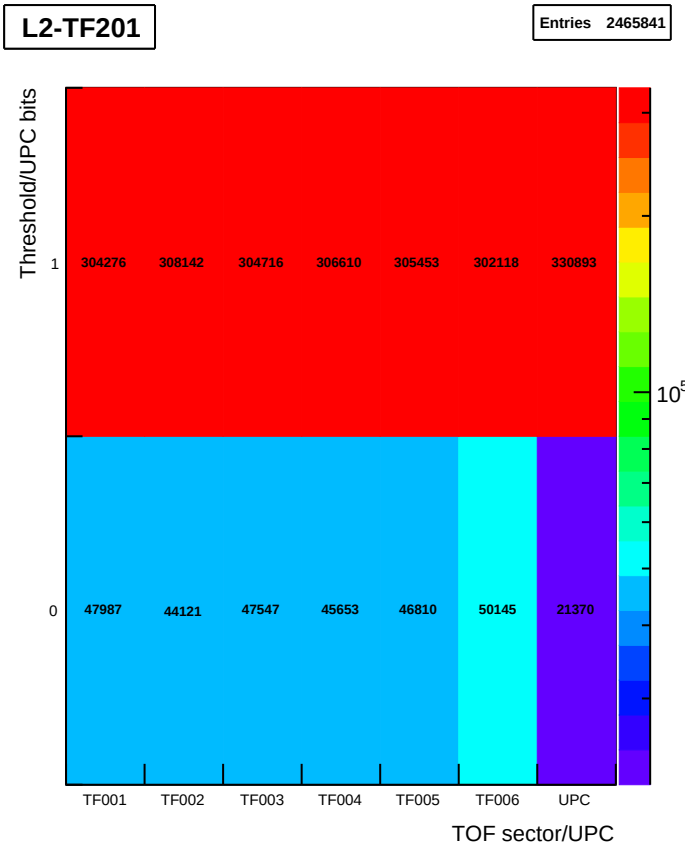

MIX-TF101
Entries 114415
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

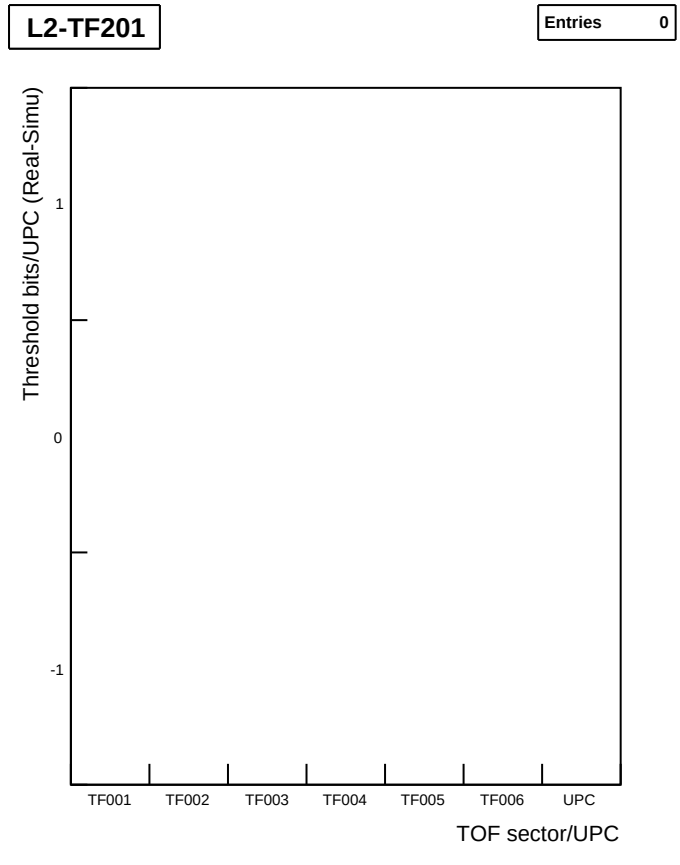

MIX-TF101
Entries 2113578
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

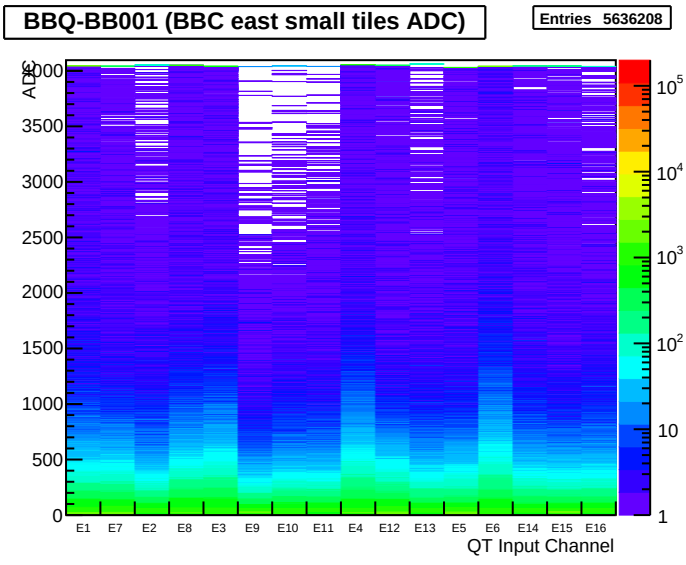

MIX-TF101
Entries 231826
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

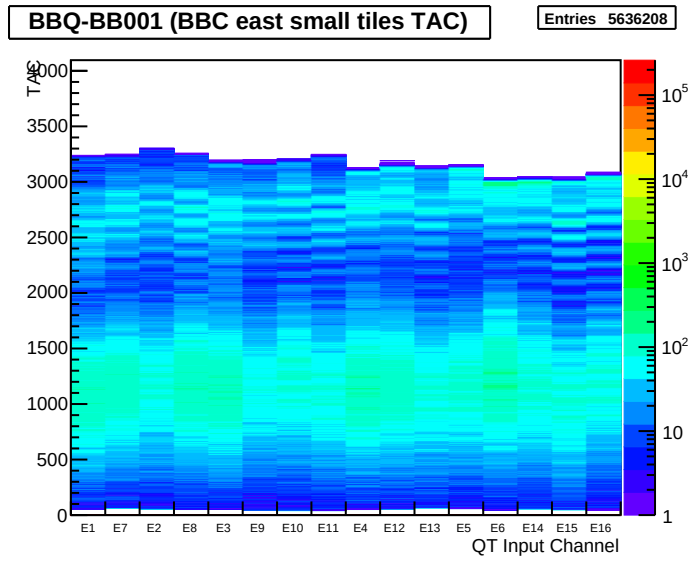

L2-TF201
Entries 352263
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

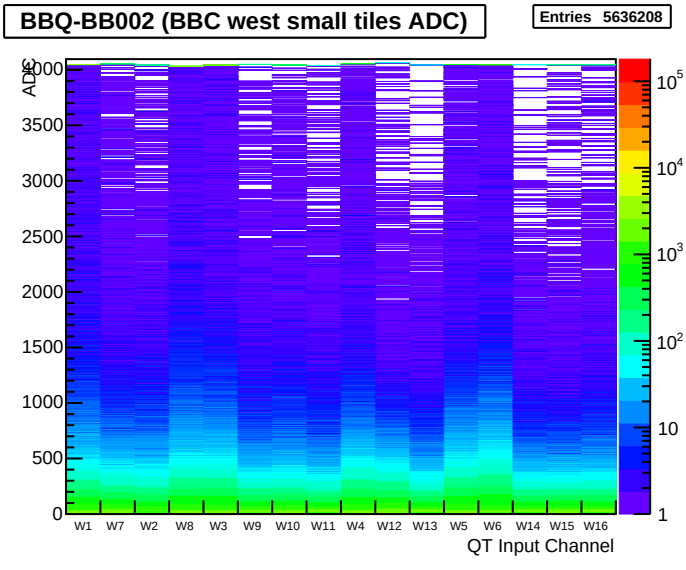

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

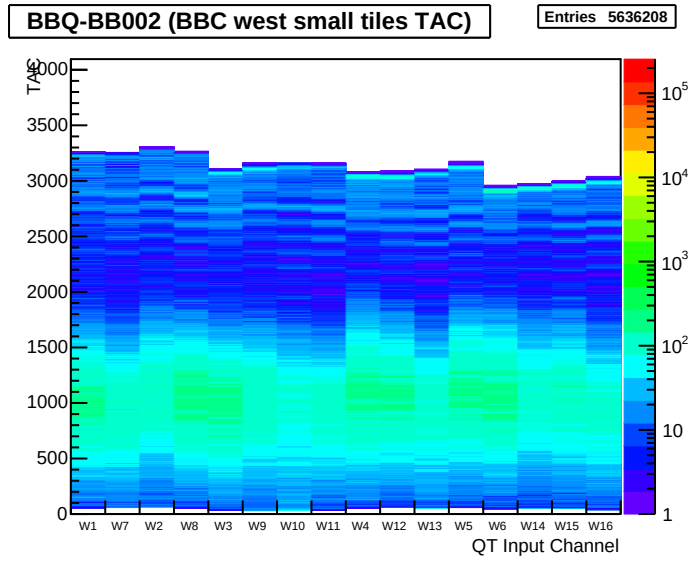

L2-TF201
Entries 2465841
Threshold/UPC bits
1
0
304276
308142
304716
306610
305453
302118
330893
47987
44121
47547
45653
46810
50145
21370
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

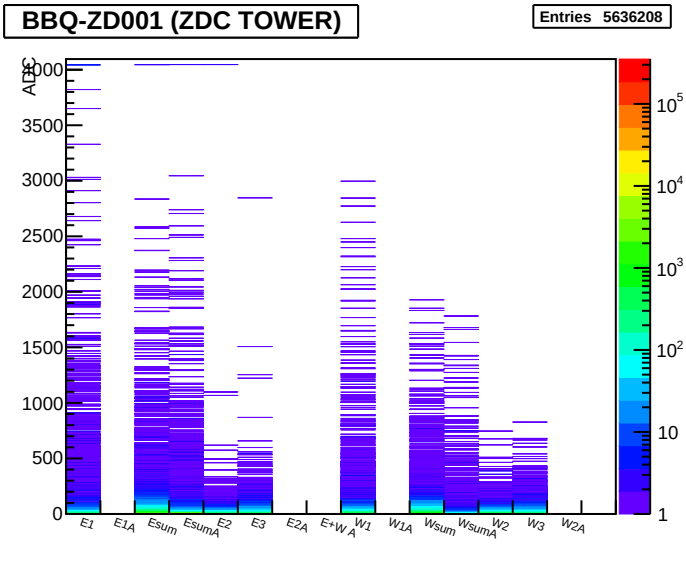

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

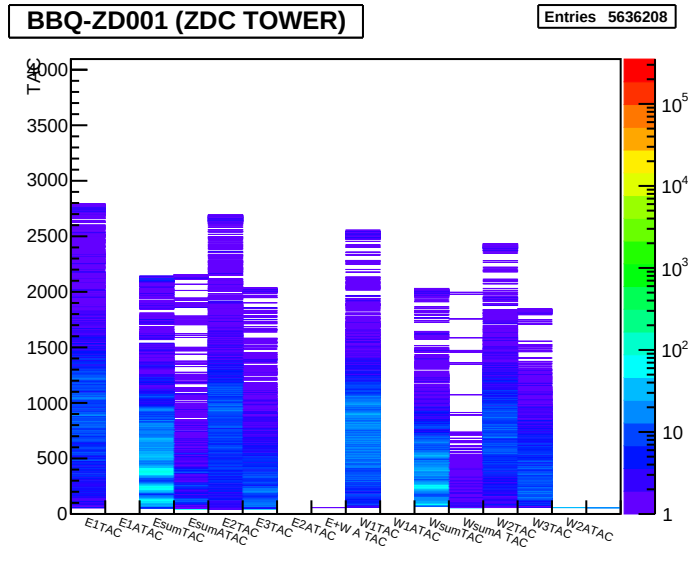

BBQ-BB001 (BBC east small tiles ADC)
Entries 5636208
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

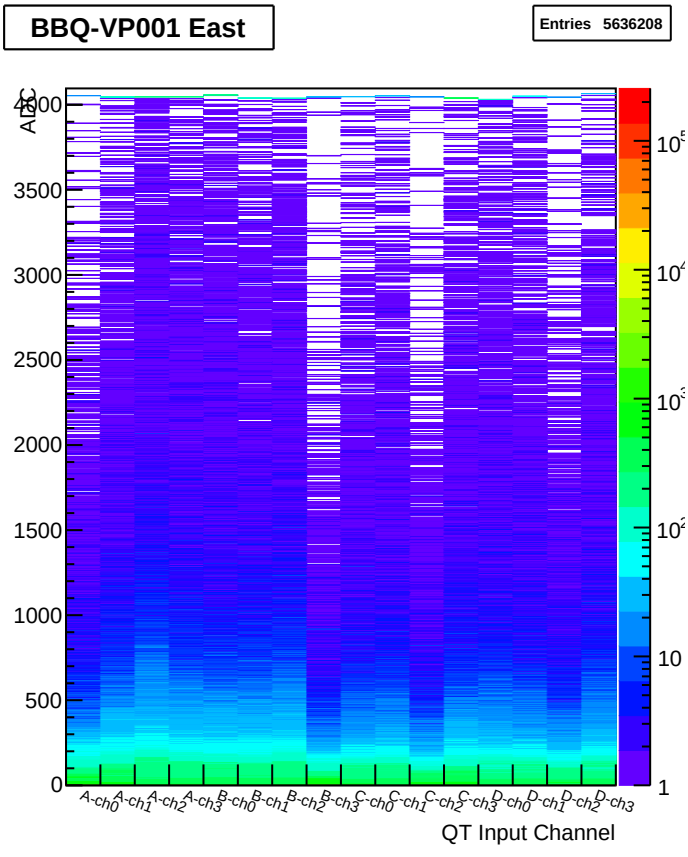

BBQ-BB001 (BBC east small tiles TAC)
Entries 5636208
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

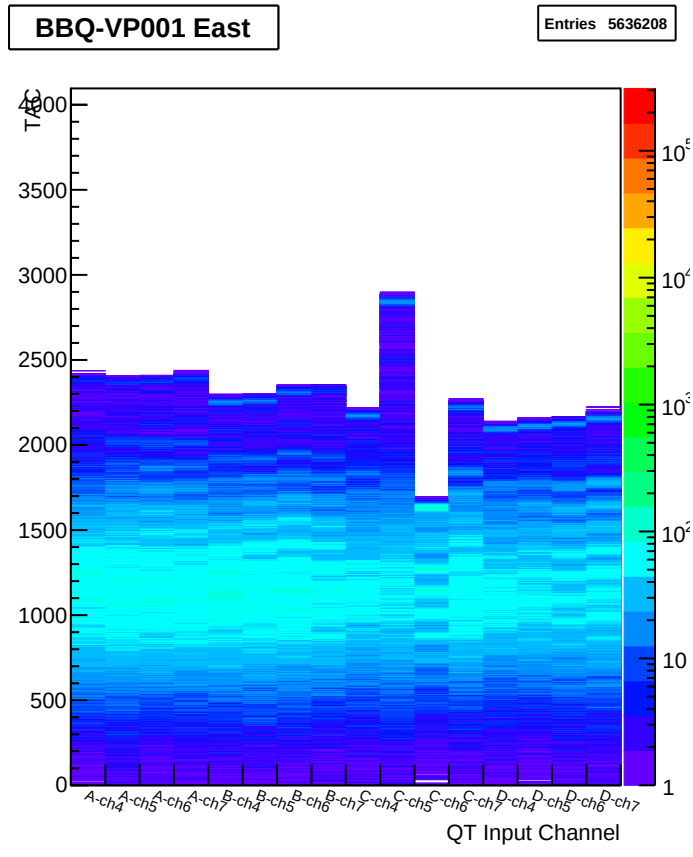

BBQ-BB002 (BBC west small tiles ADC)
Entries 5636208
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

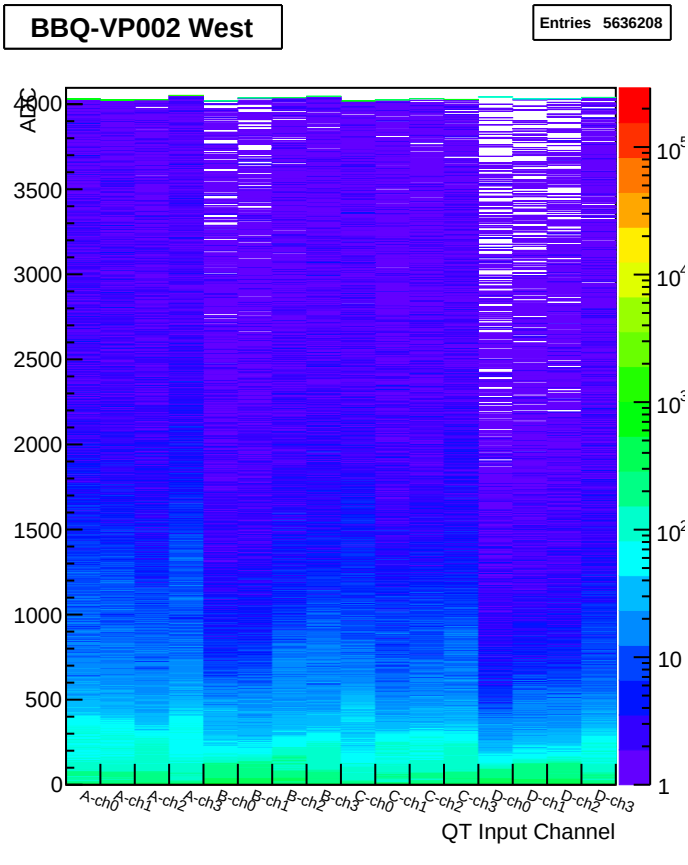

BBQ-BB002 (BBC west small tiles TAC)
Entries 5636208
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

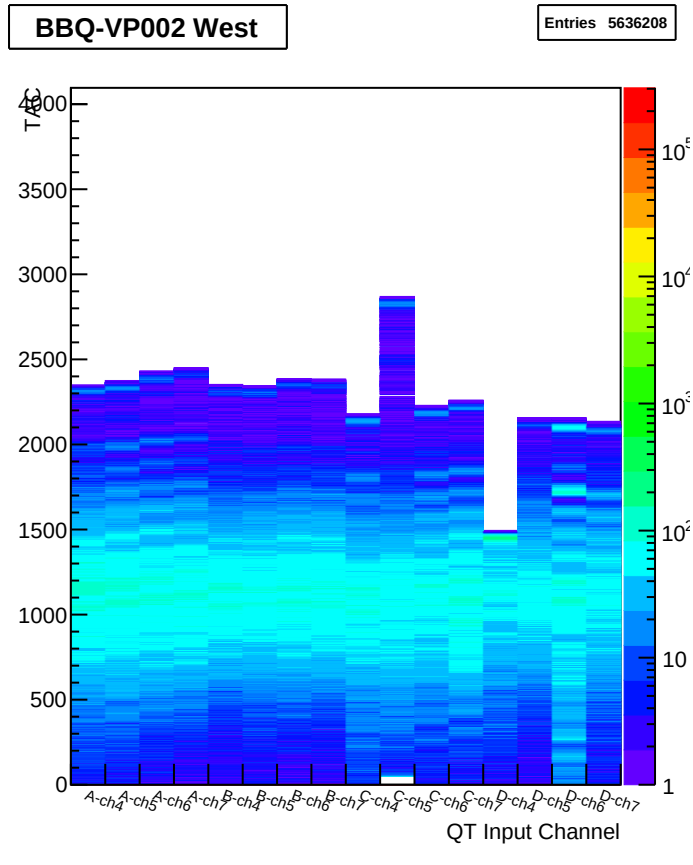

BBQ-ZD001 (ZDC TOWER)
Entries 5636208
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

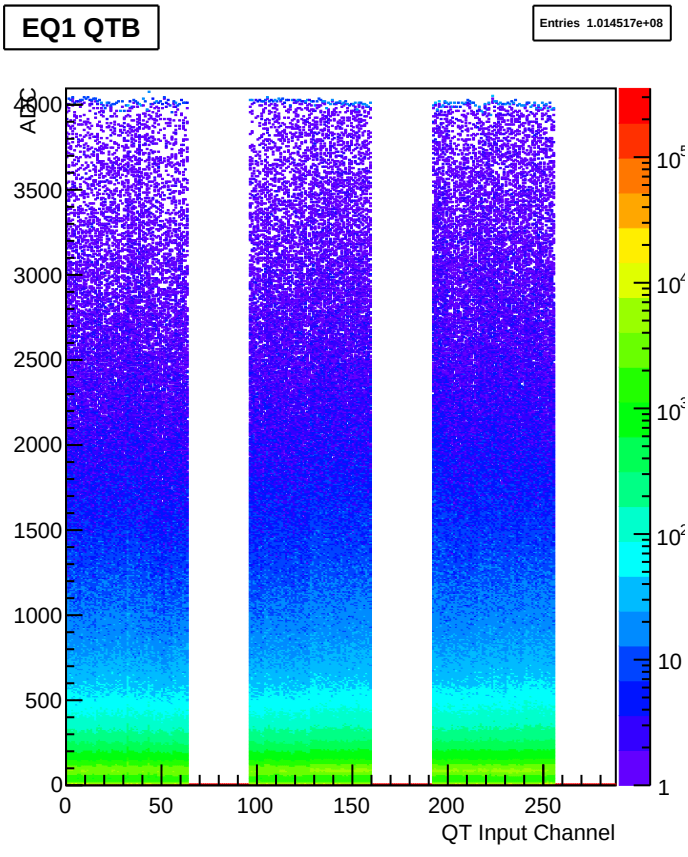

BBQ-ZD001 (ZDC TOWER)
Entries 5636208
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

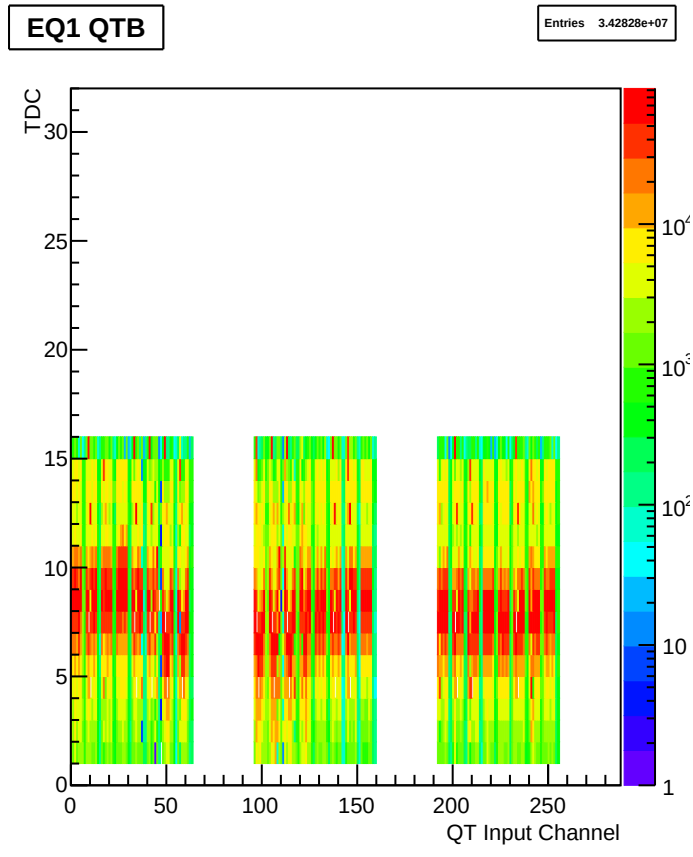

BBQ-VP001 East
Entries 5636208
ADC
QT Input Channel

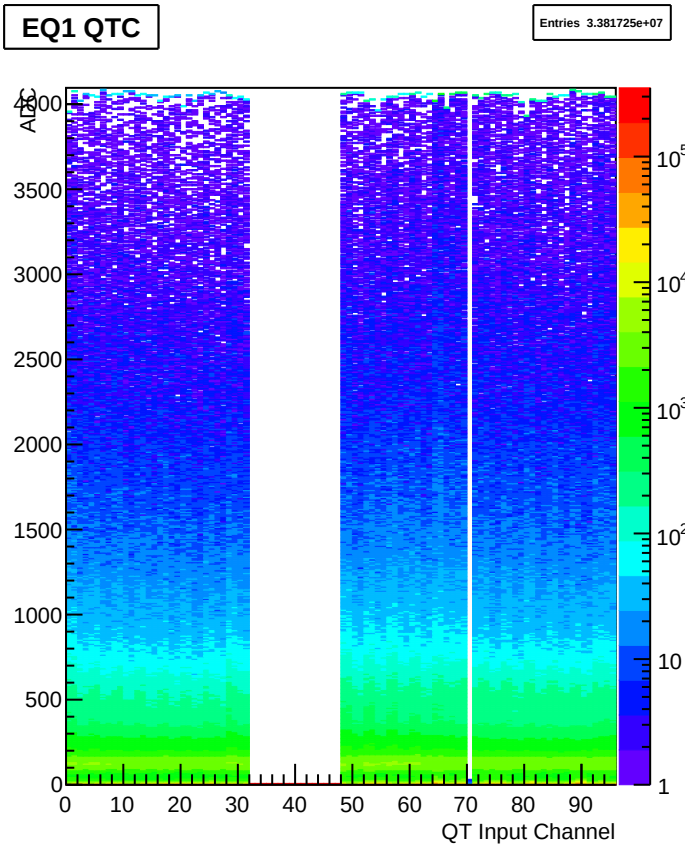

BBQ-VP001 East
Entries 5636208
TADC
QT Input Channel

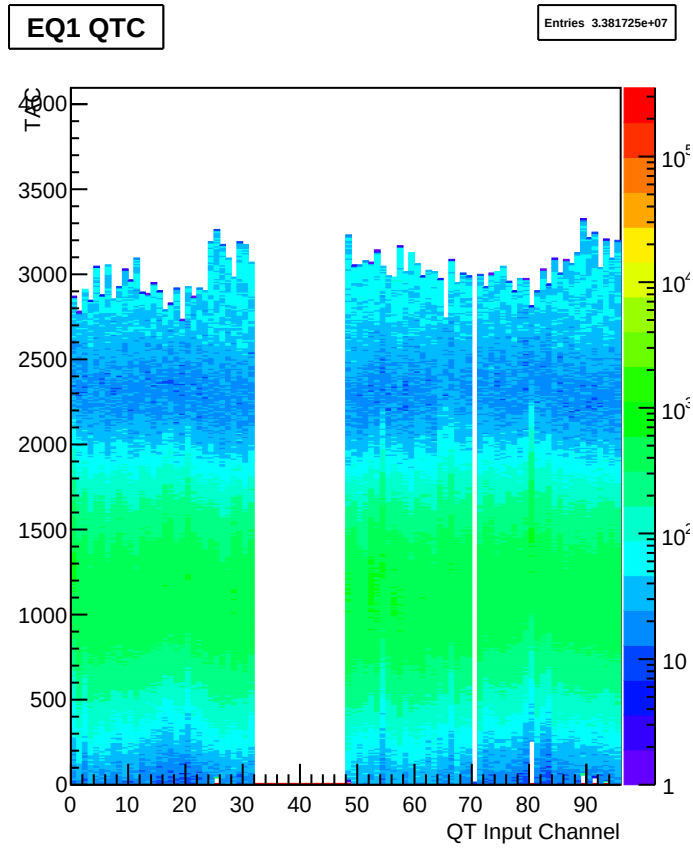

BBQ-VP002 West
Entries 5636208
ADC
QT Input Channel

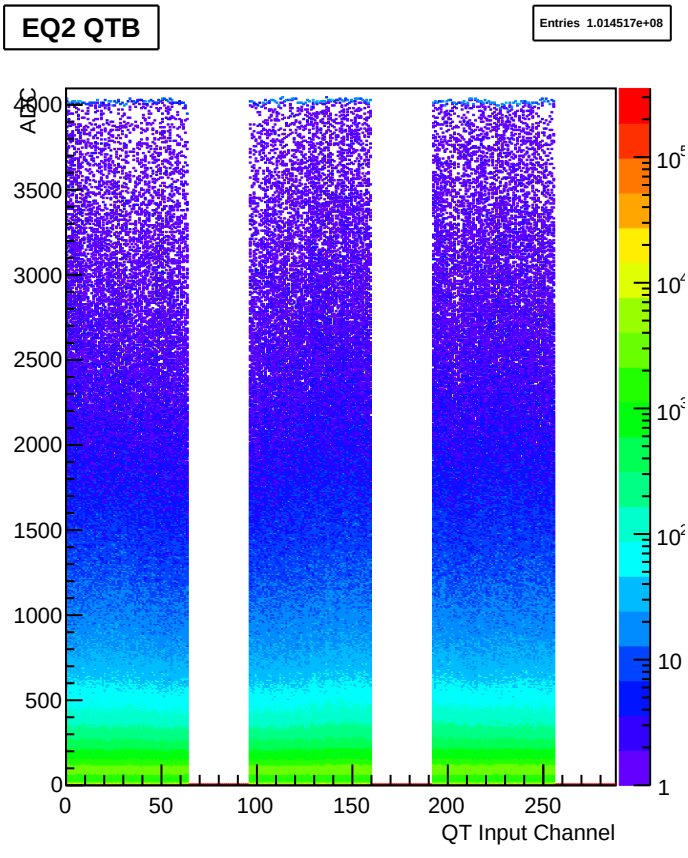

BBQ-VP002 West
Entries 5636208
TADC
QT Input Channel

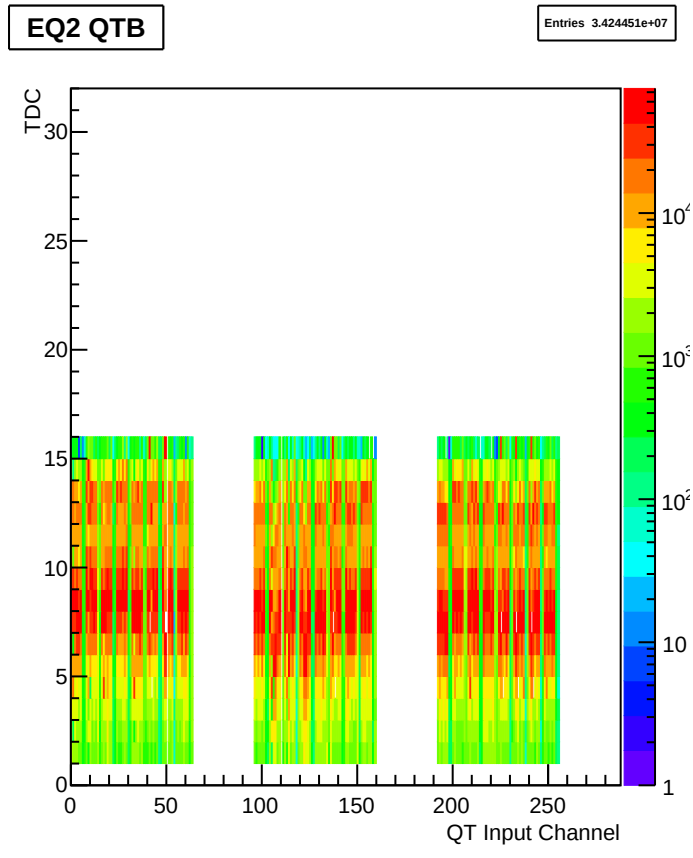

EQ1 QTB
Entries 1.014517e+08
ADC
QT Input Channel

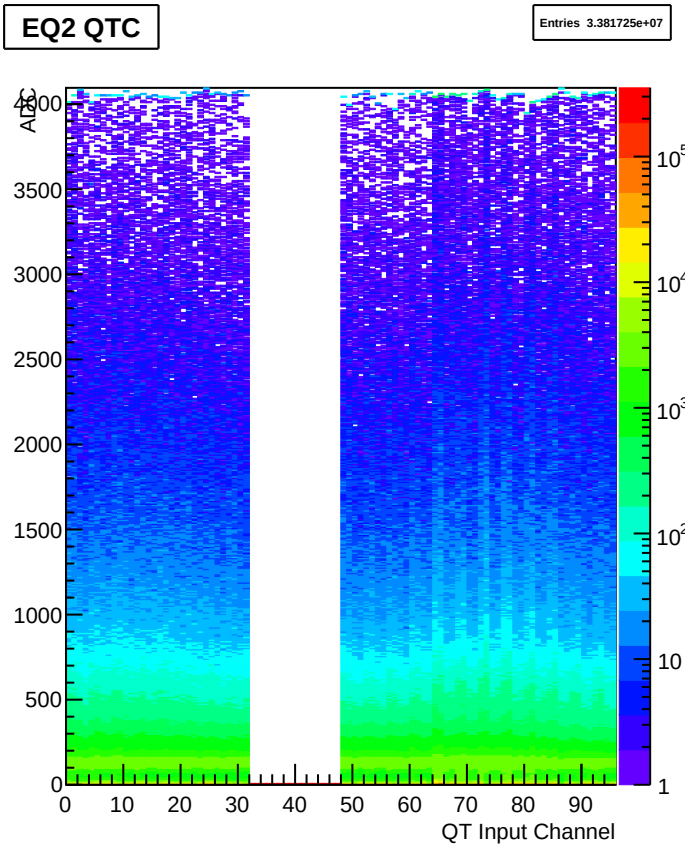

EQ1 QTB
Entries 3.42828e+07
TDC
QT Input Channel

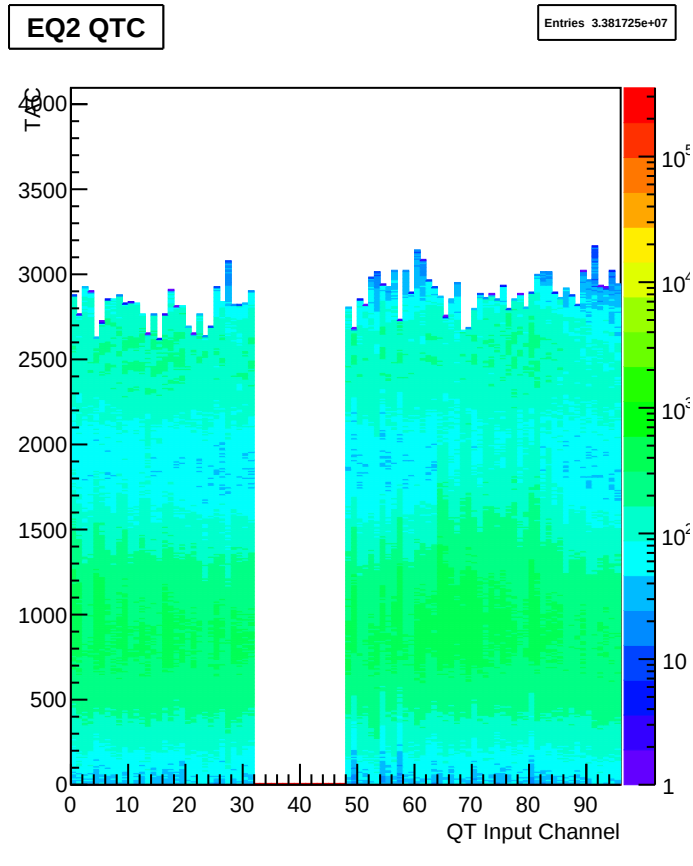

EQ1 QTC
Entries 3.381725e+07
ADC
QT Input Channel

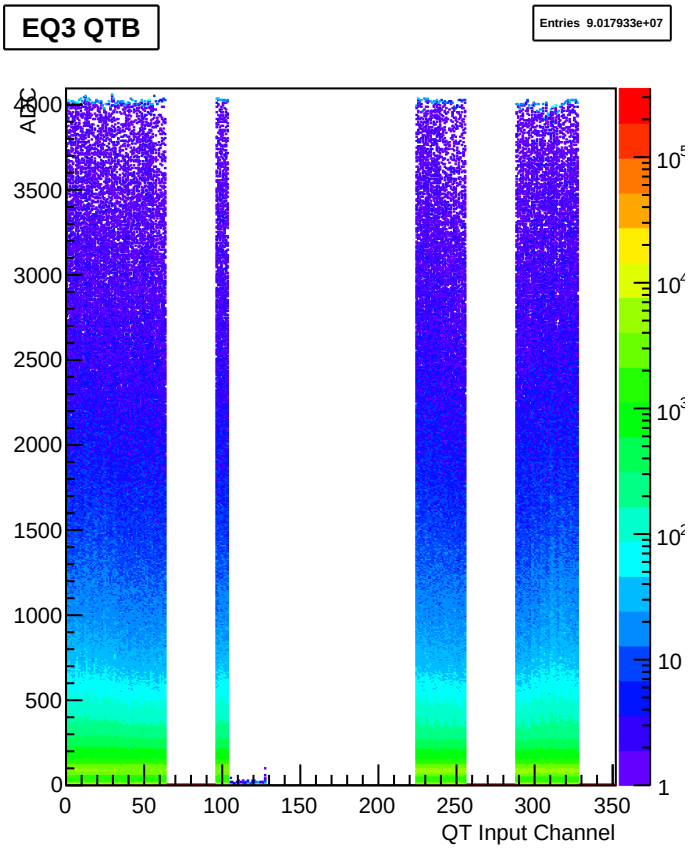

EQ1 QTC
Entries 3.381725e+07
TADC
QT Input Channel

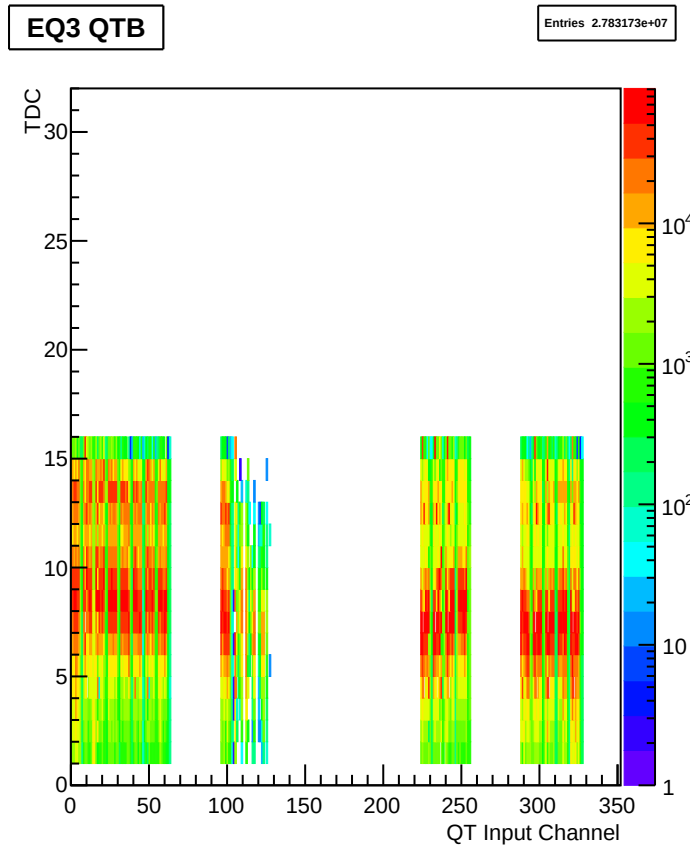

EQ2 QTB
Entries 1.014517e+08
ADC
QT Input Channel

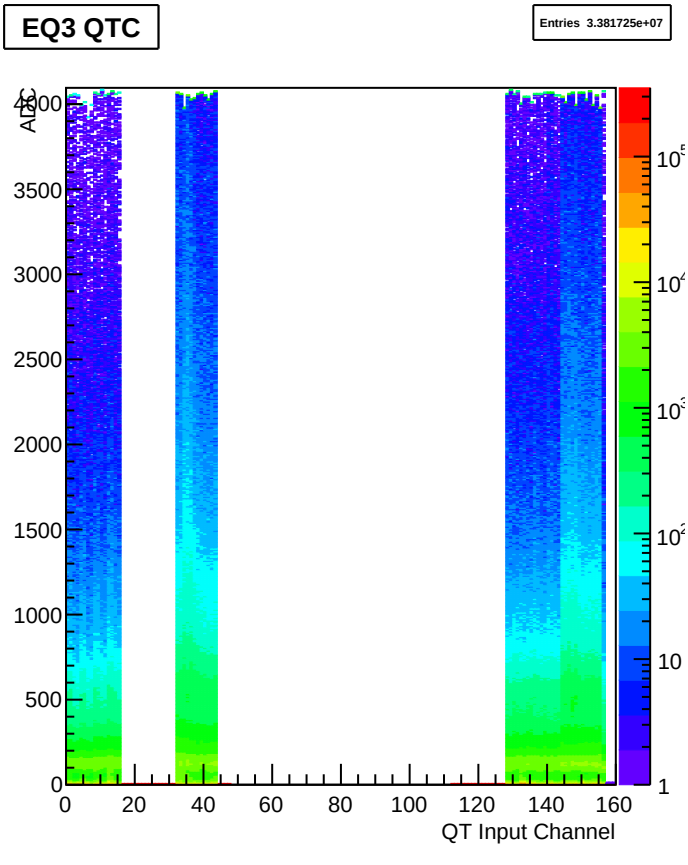

EQ2 QTB
Entries 3.424451e+07
TDC
QT Input Channel

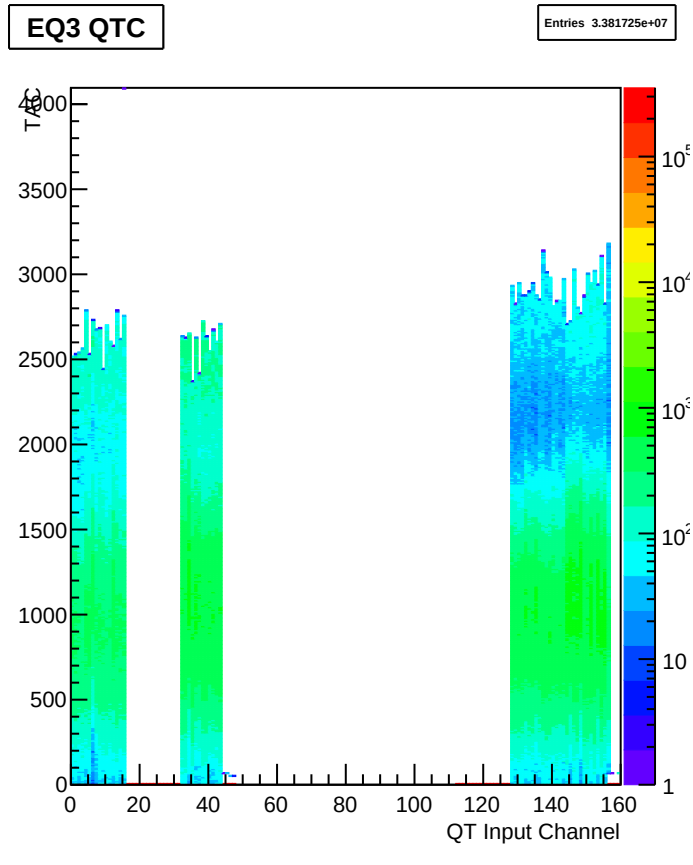

EQ2 QTC
Entries 3.381725e+07
ADC
QT Input Channel

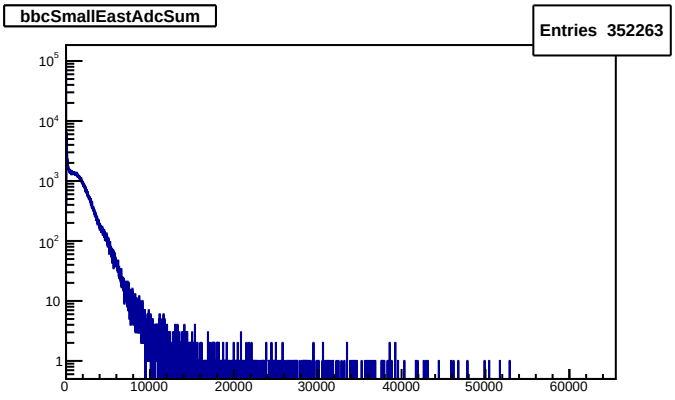

EQ2 QTC
Entries 3.381725e+07
TADC
QT Input Channel

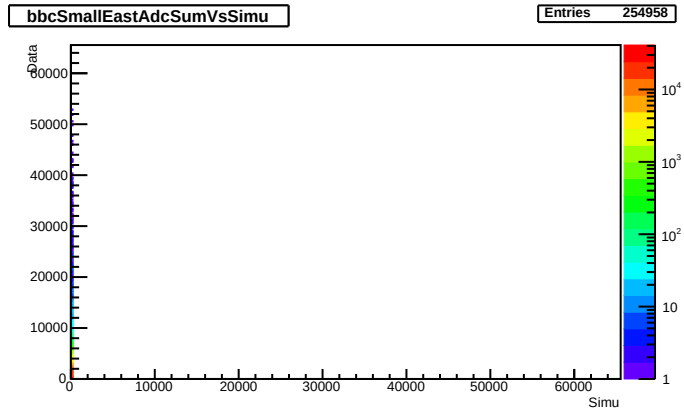

EQ3 QTB
Entries 9.017933e+07
ADC
QT Input Channel

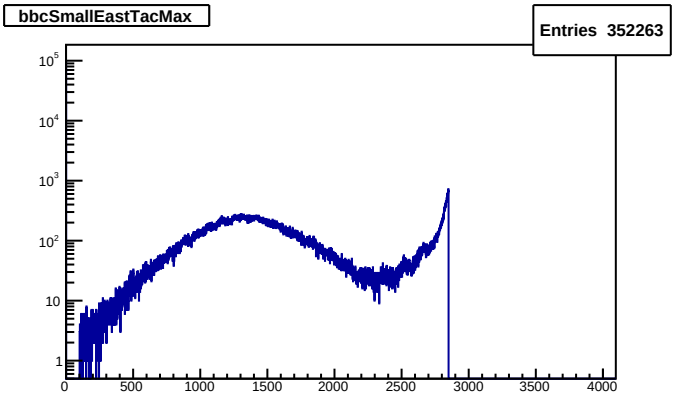

EQ3 QTB
Entries 2.783173e+07
TDC
QT Input Channel

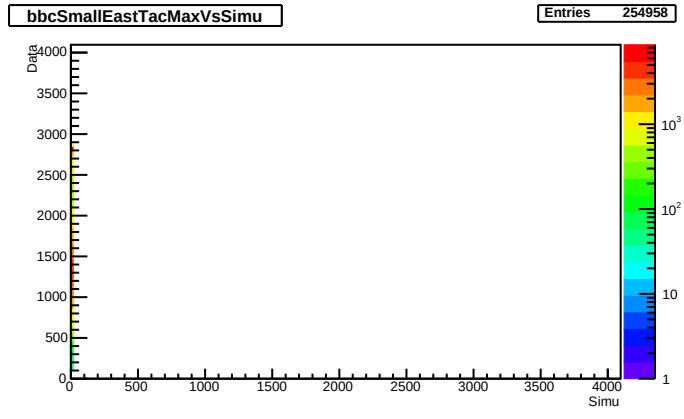

EQ3 QTC
Entries 3.381725e+07
ADC
QT Input Channel

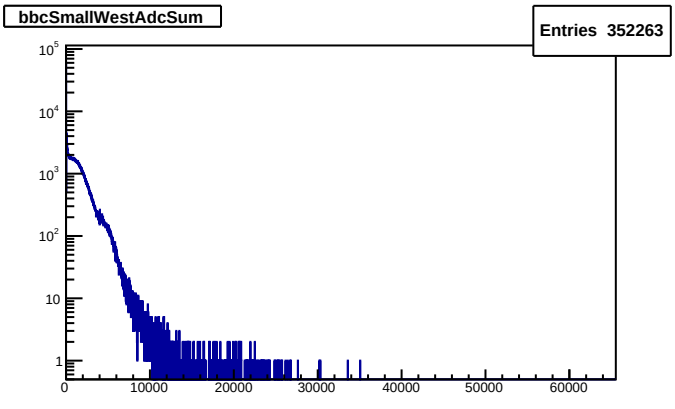

EQ3 QTC
Entries 3.381725e+07
TADC
QT Input Channel

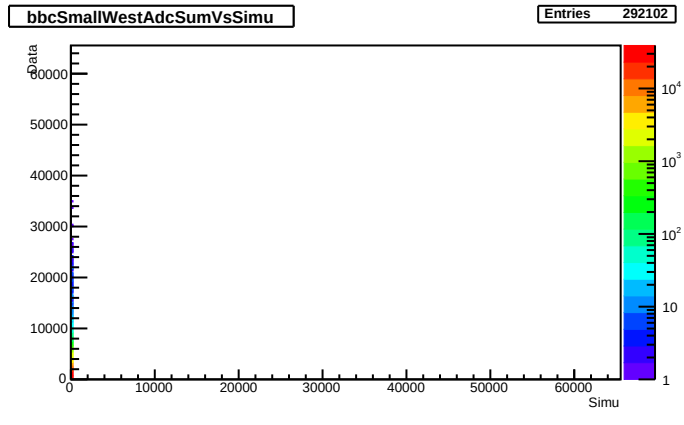

bbcSmallEastAdcSum
Entries 352263


bbcSmallEastAdcSumVsSimu
Entries 254958
Data
Simu


bbcSmallEastTacMax
Entries 352263


bbcSmallEastTacMaxVsSimu
Entries 254958
Data
Simu


bbcSmallWestAdcSum
Entries 352263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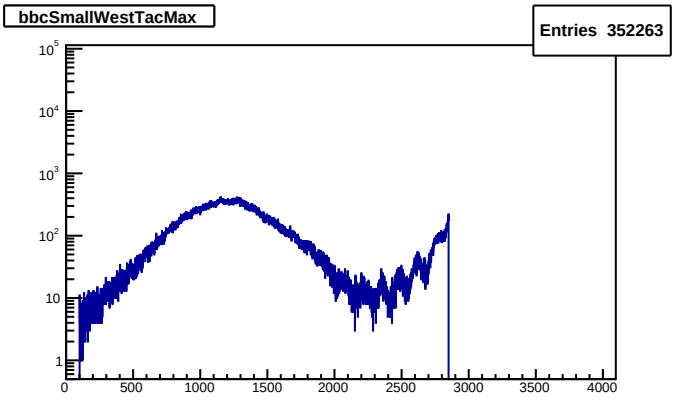
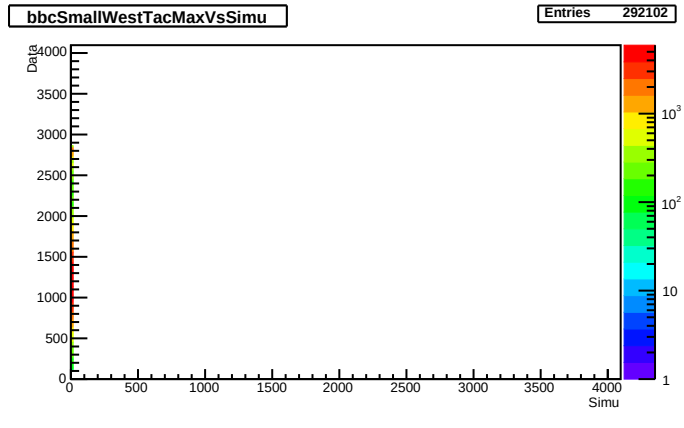
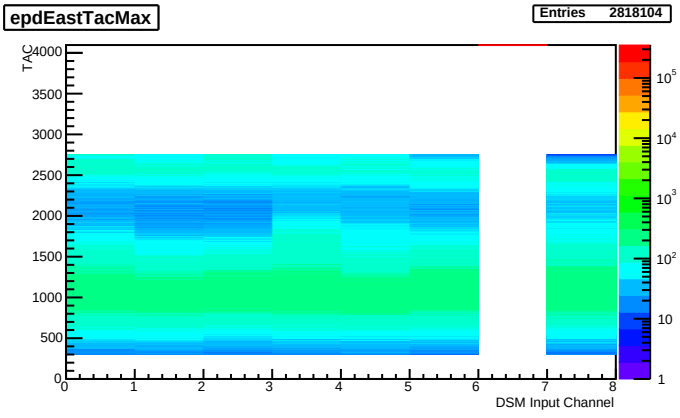
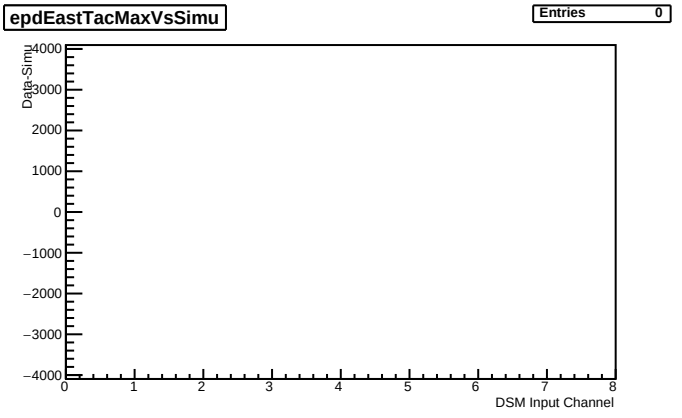
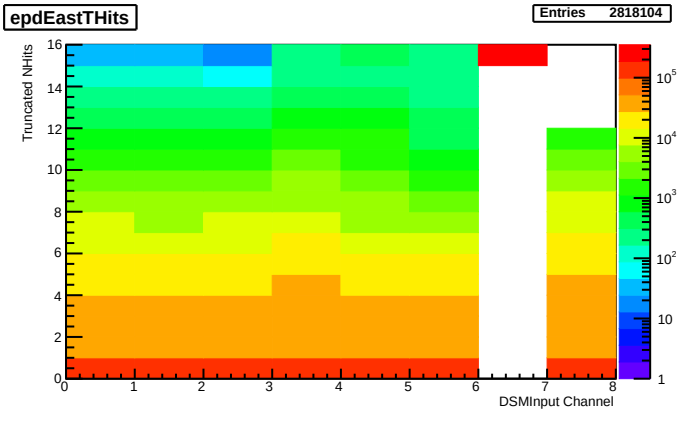
Entries 292102
Data
Simu

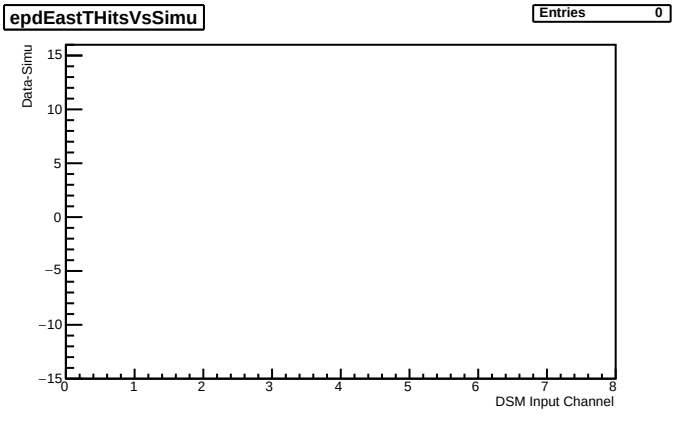

bbcSmallWestTacMax
Entries 352263


bbcSmallWestTacMaxVsSimu
Entries 292102
Data
Simu


epdEastTacMax
Entries 2818104
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2818104
Truncated NHits
DSMInput Channel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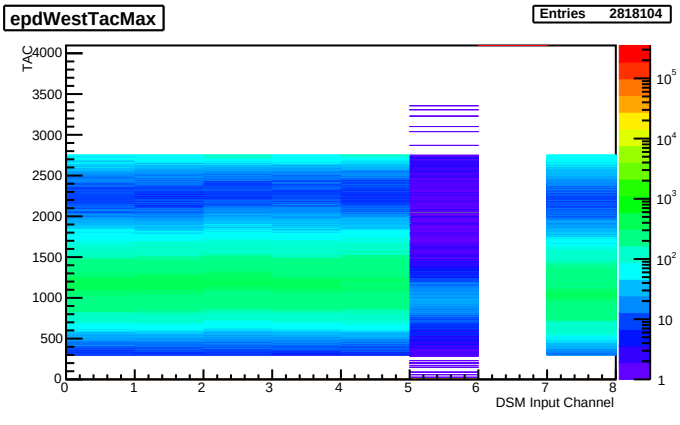
Entries 0
Data-Simu
DSM Input Channel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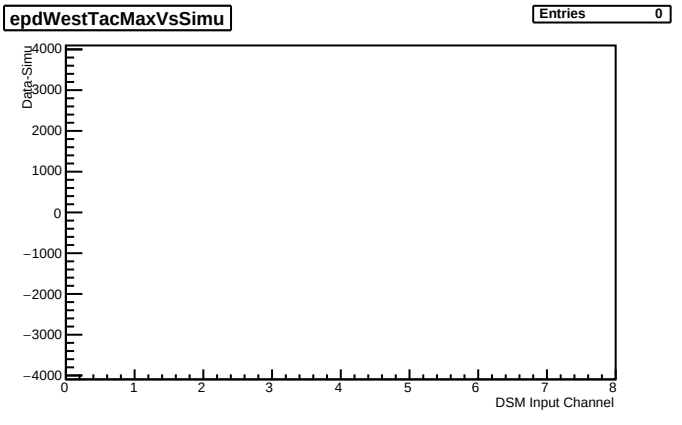
Entries 2818104
TAC
DSM Input Channel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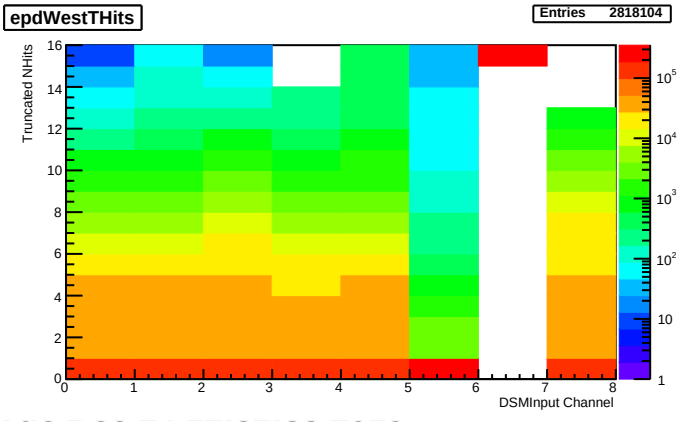
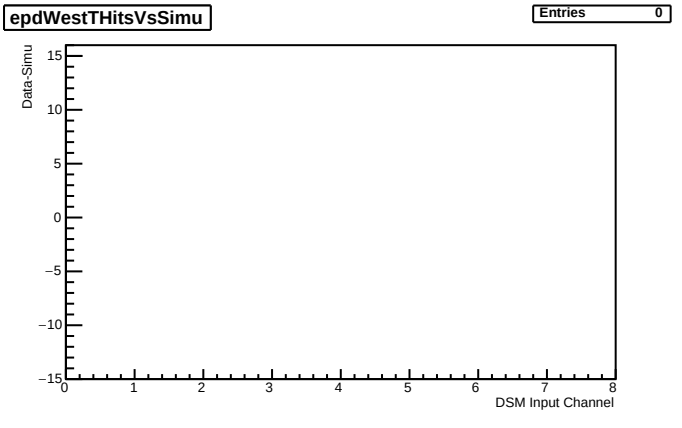
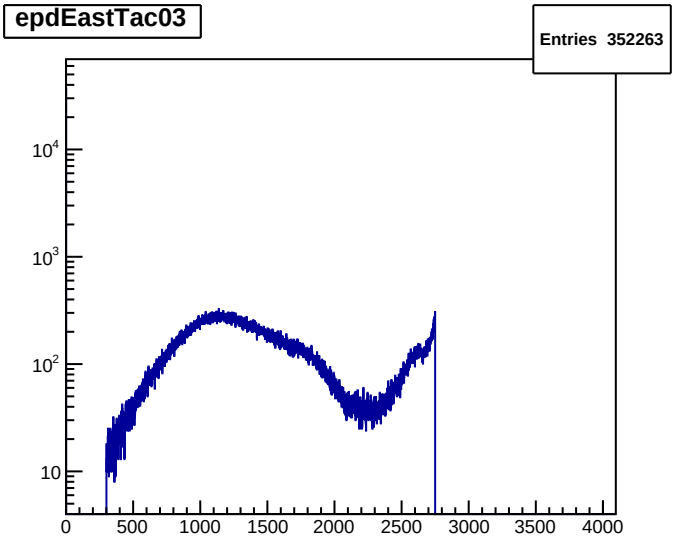
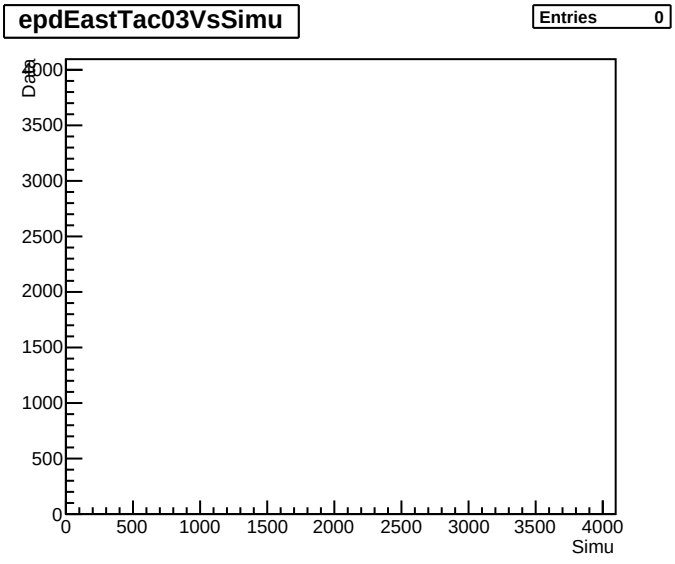
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2818104
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 352263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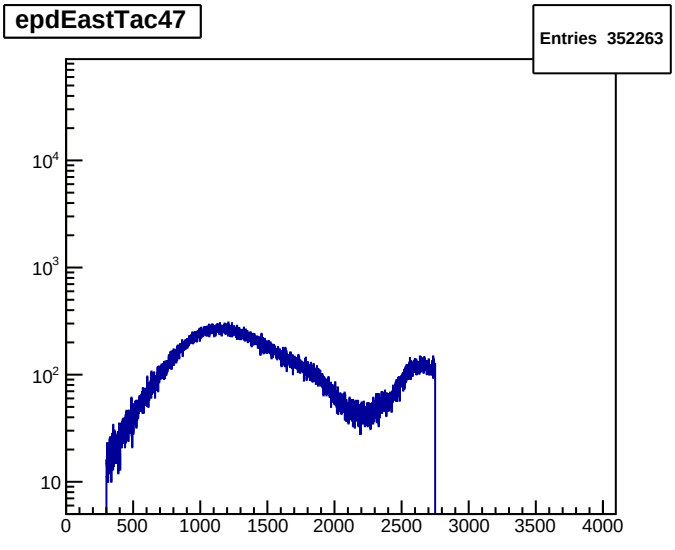
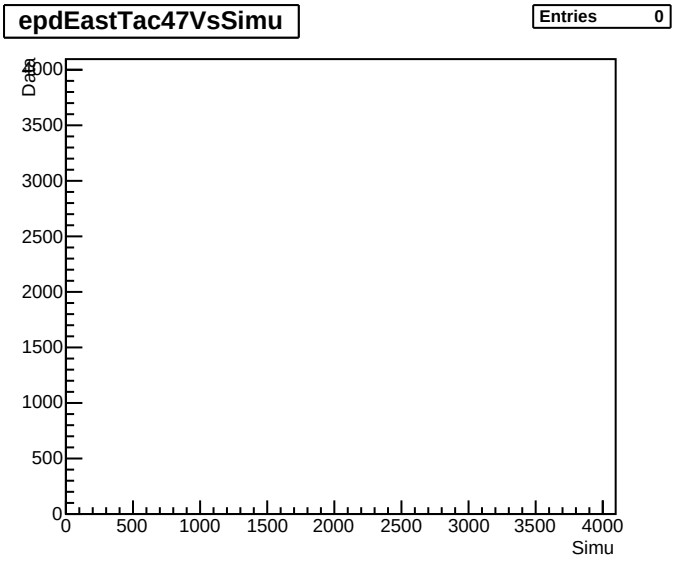
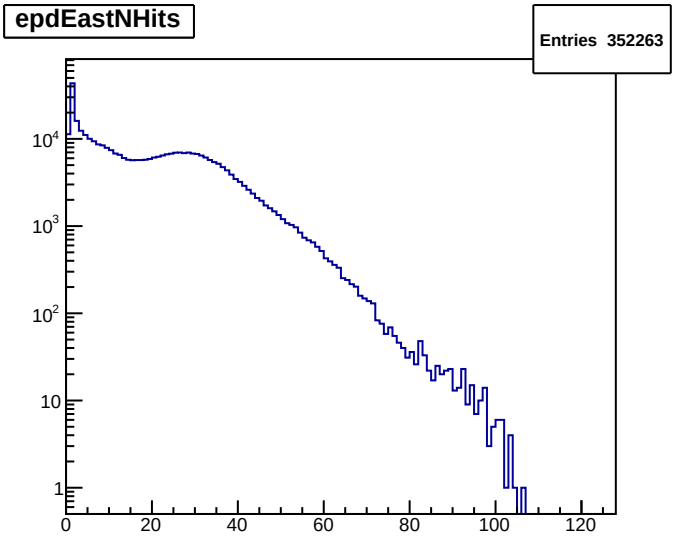
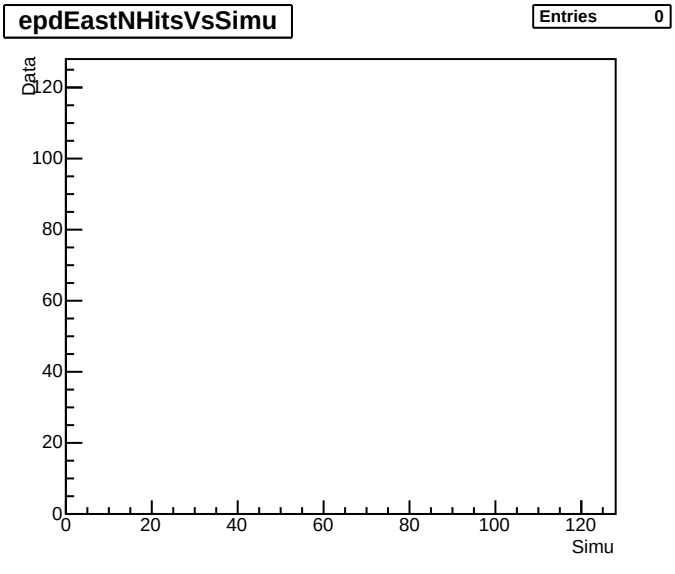
Entries 0
Data
Simu


epdEastTac47
Entries 352263


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 352263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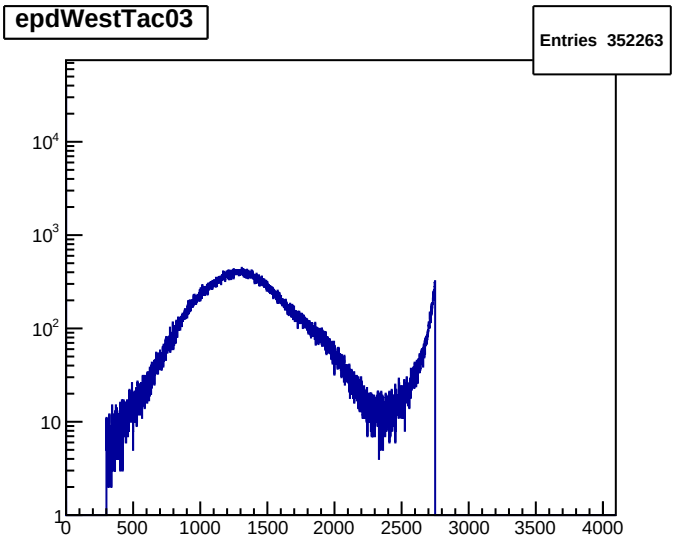
Entries 0
Data
Simu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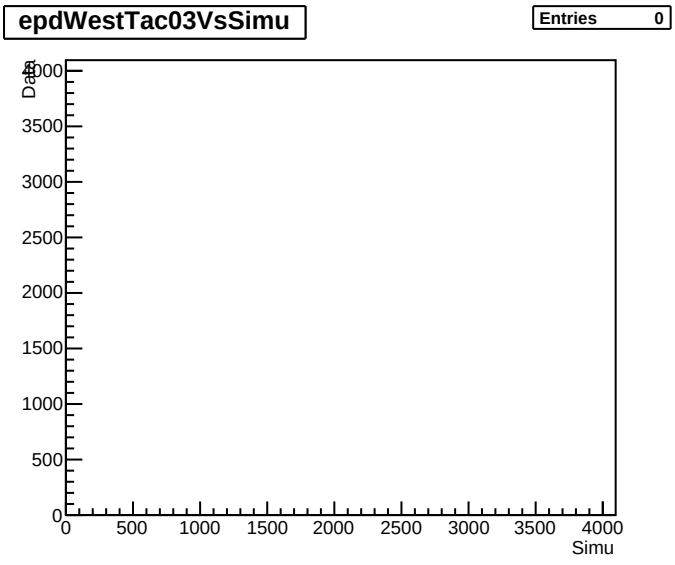
Entries 352263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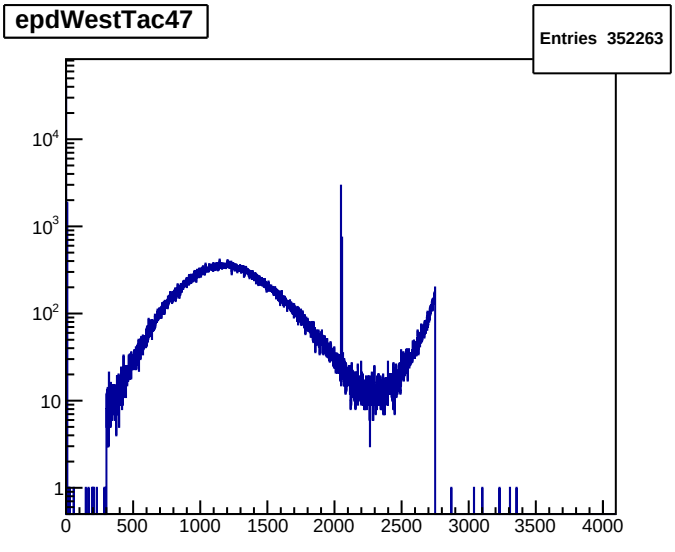
Entries 0
Data
Simu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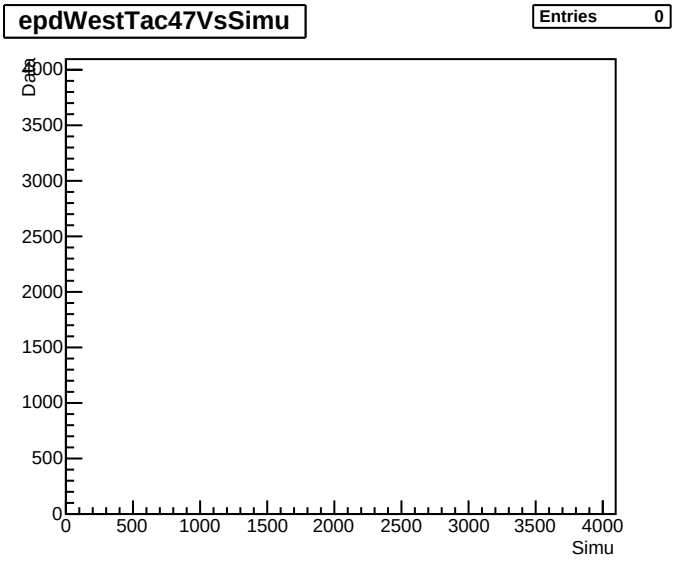
Entries 352263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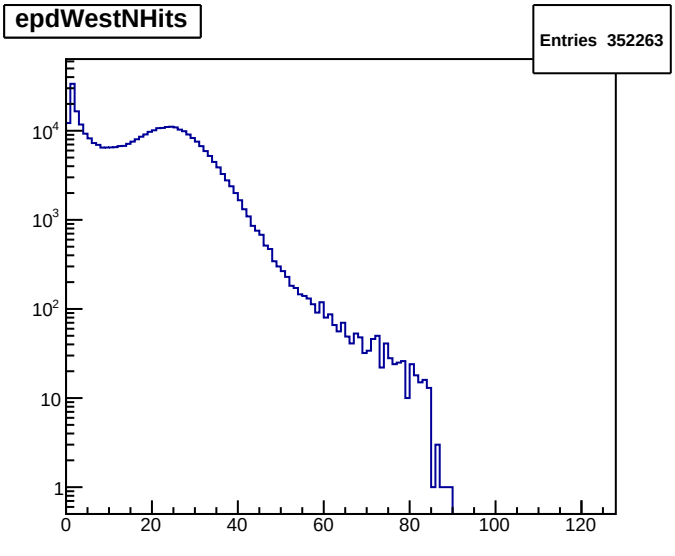
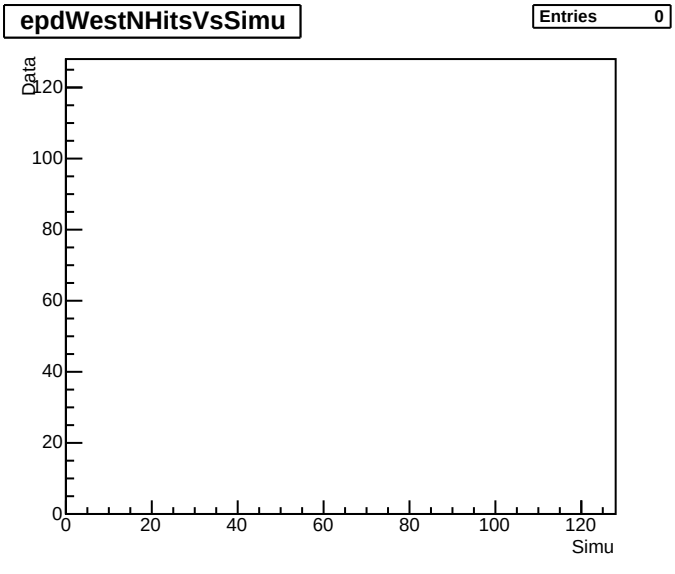
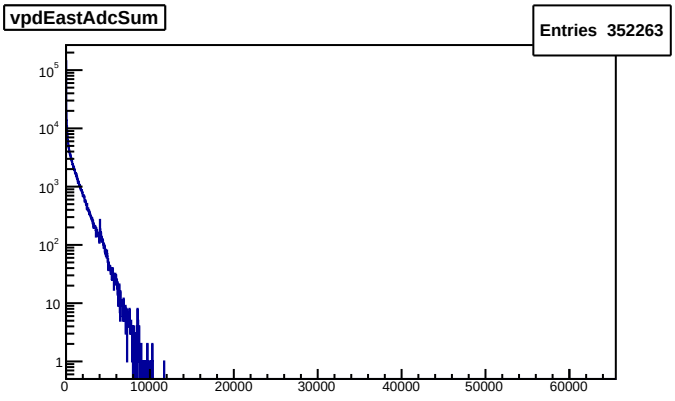
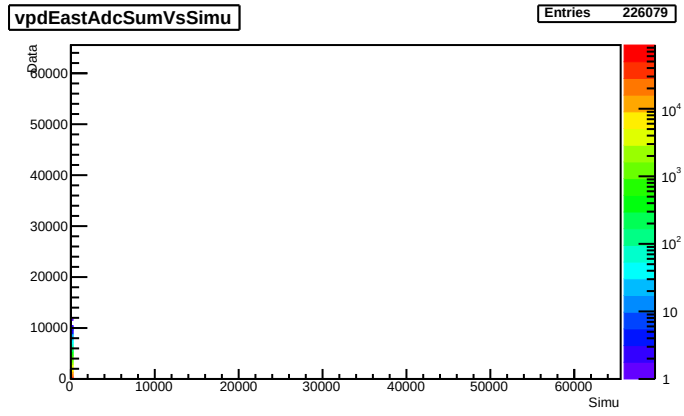
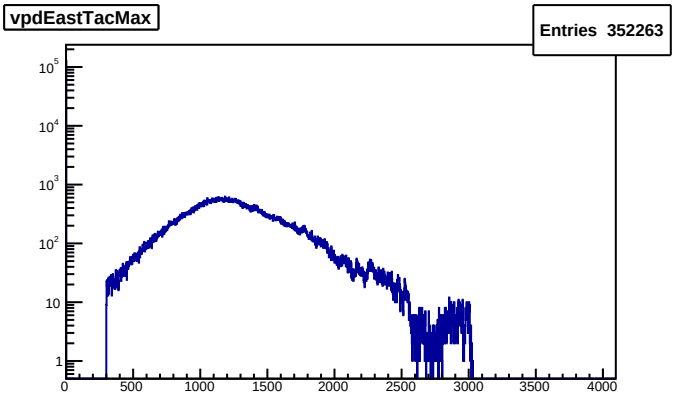
Entries 0
Data
Simu

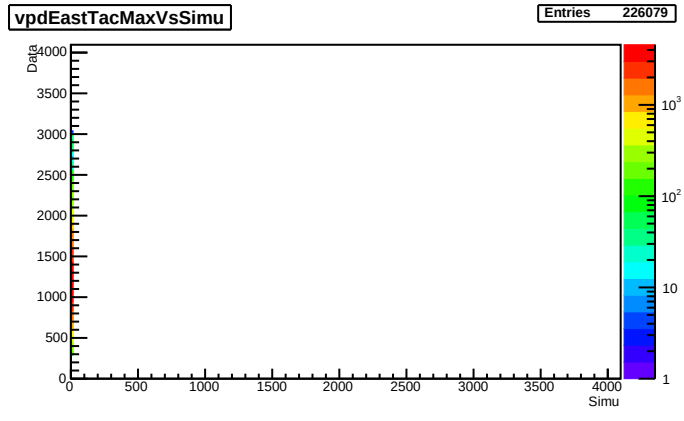

epdWestNHits
Entries 352263

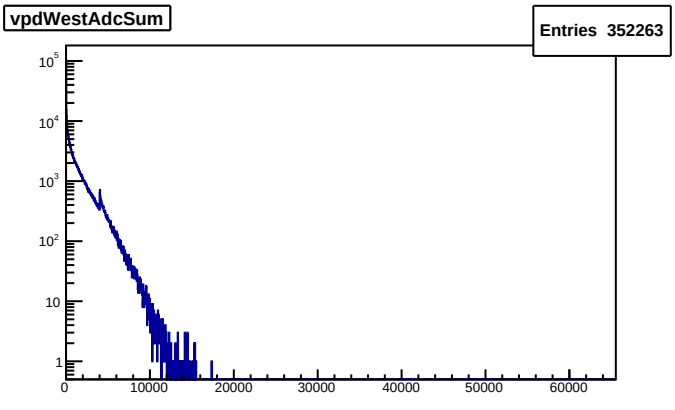

epdWestNHitsVsSimu
Entries 0
Data
Simu

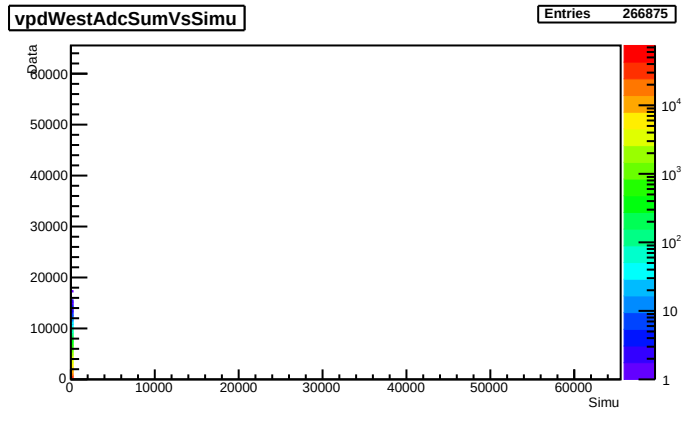

vpdEastAdcSum
Entries 352263

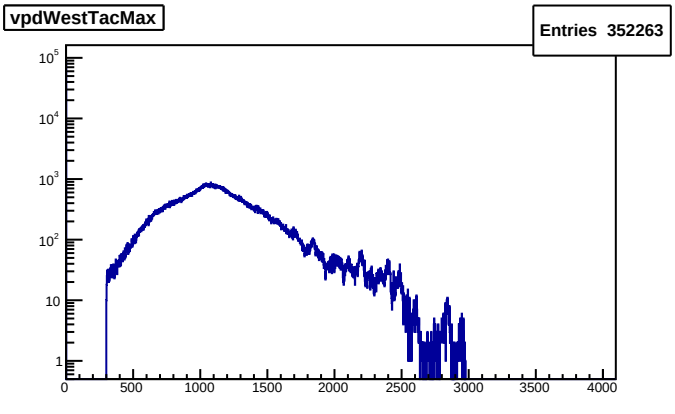

vpdEastAdcSumVsSimu
Entries 226079
Data
Simu

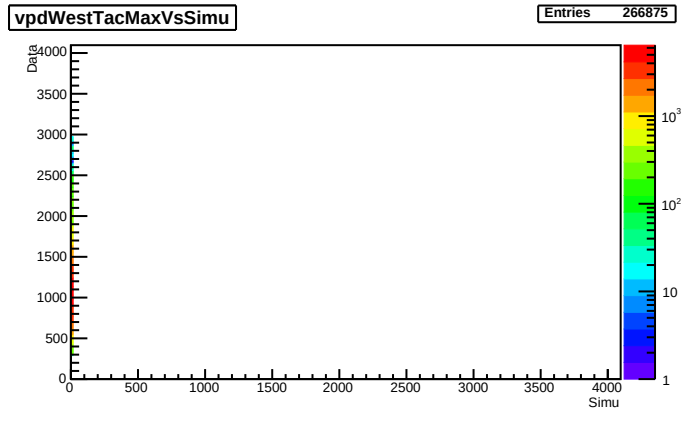

vpdEastTacMax
Entries 352263

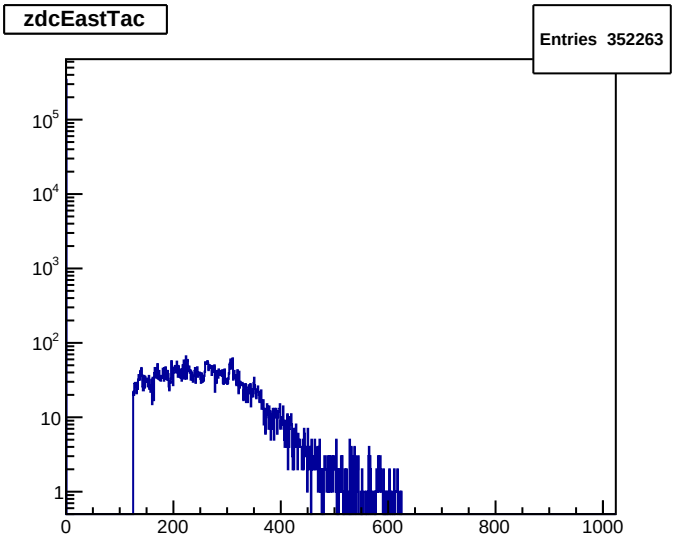

vpdEastTacMaxVsSimu
Entries 226079
Data
Simu

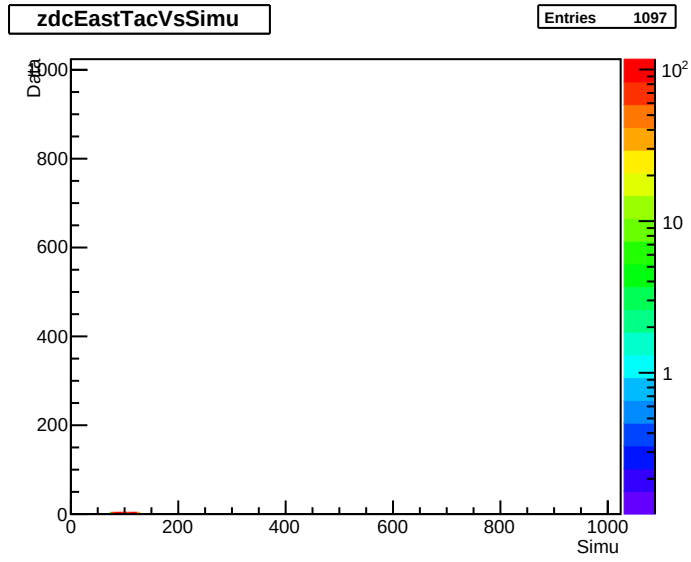

vpdWestAdcSum
Entries 352263

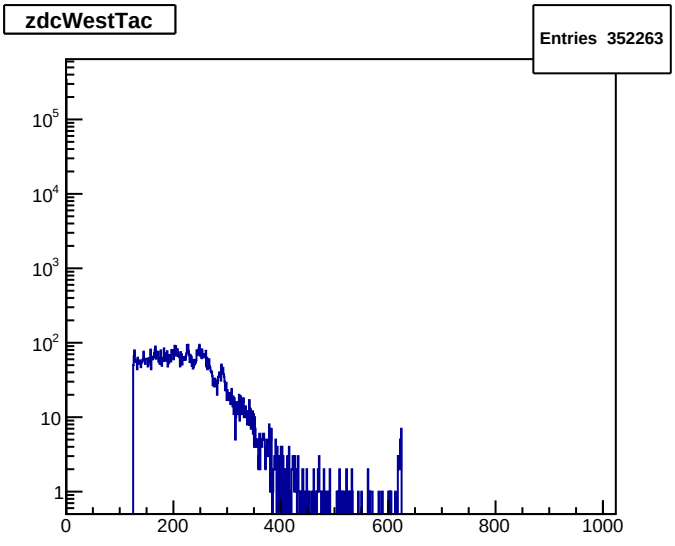

vpdWestAdcSumVsSimu
Entries 266875
Data
Simu

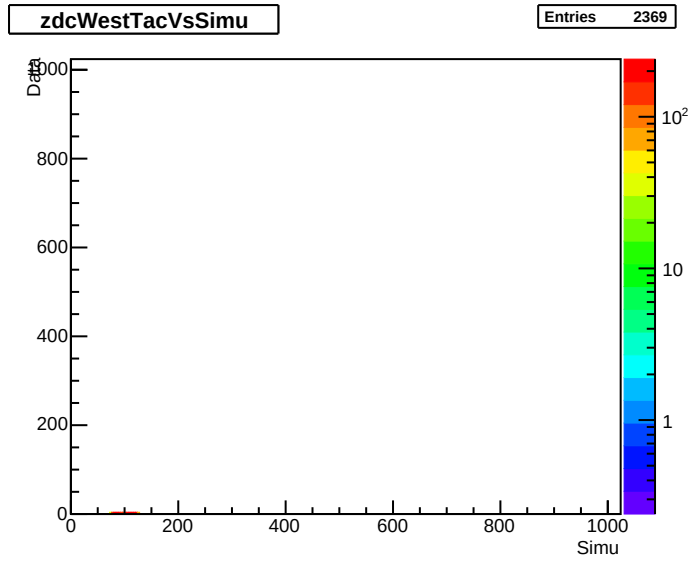

vpdWestTacMax
Entries 352263

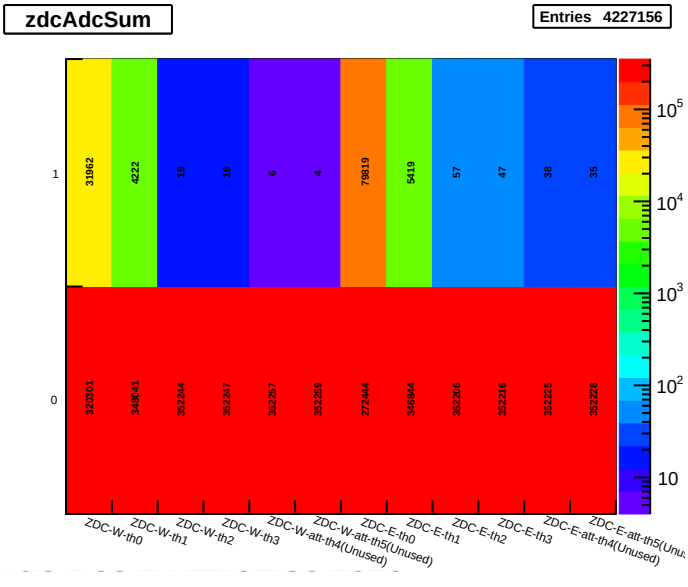

vpdWestTacMaxVsSimu
Entries 266875
Data
Simu

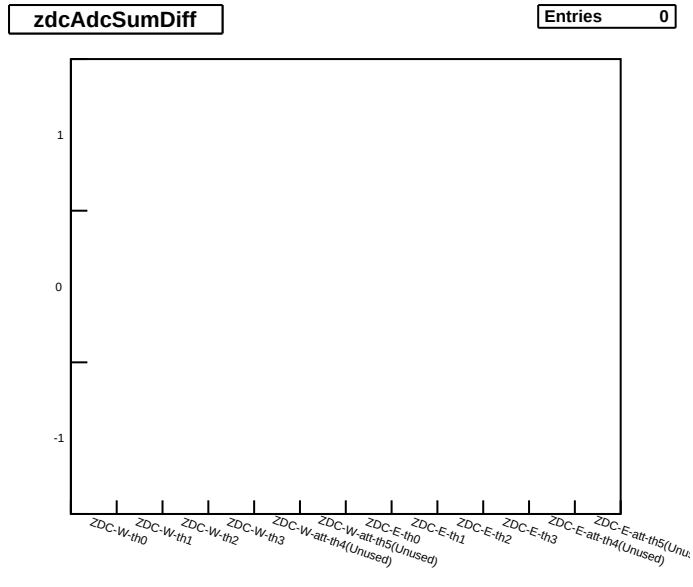

zdcEastTac
Entries 352263

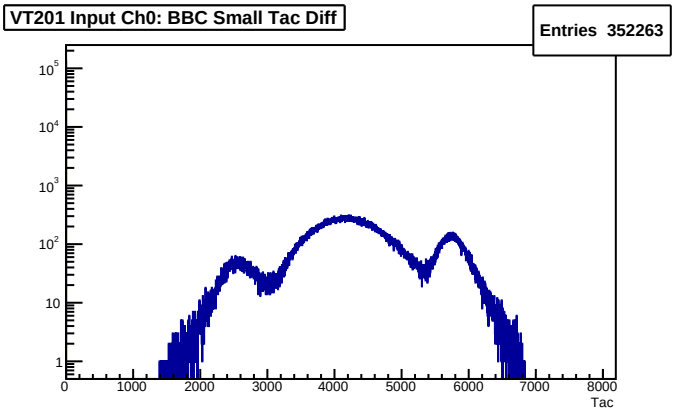

zdcEastTacVsSimu
Entries 1097
Data
Simu

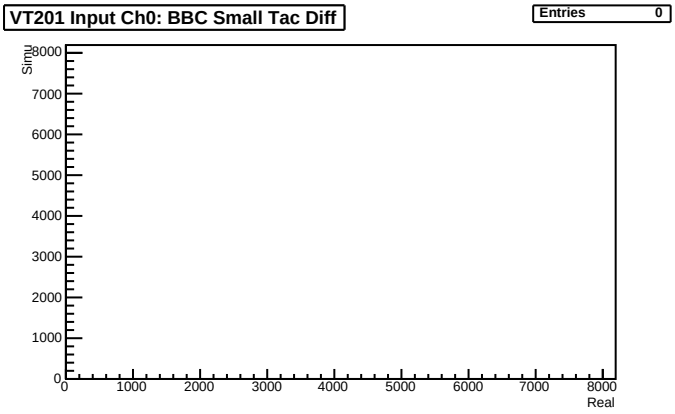

zdcWestTac
Entries 352263

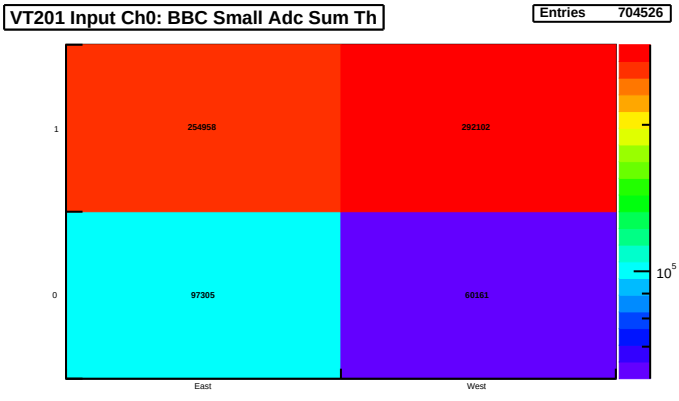

zdcWestTacVsSimu
Entries 2369
Data
Simu

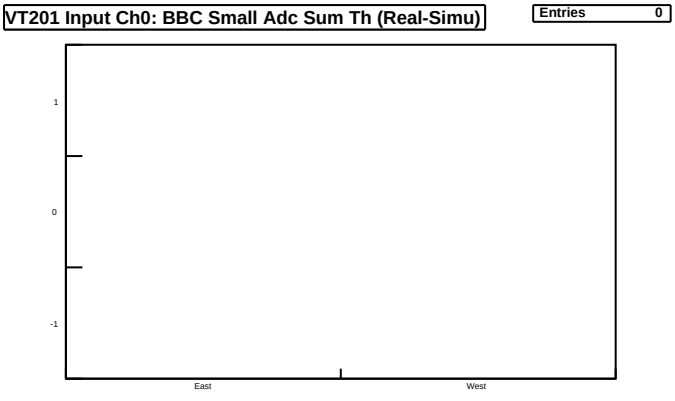

zdcAdcSum
Entries 4227156
31962
4222
19
16
6
4
79819
5419
57
47
38
35
320301
348041
352244
352247
352257
352259
272444
346844
352206
352216
352225
352228
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

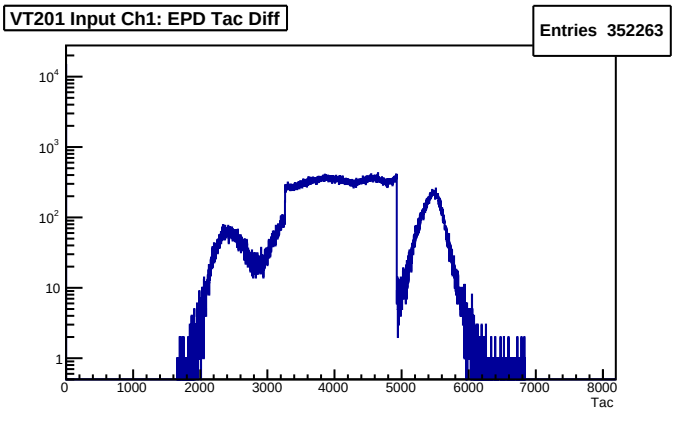

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

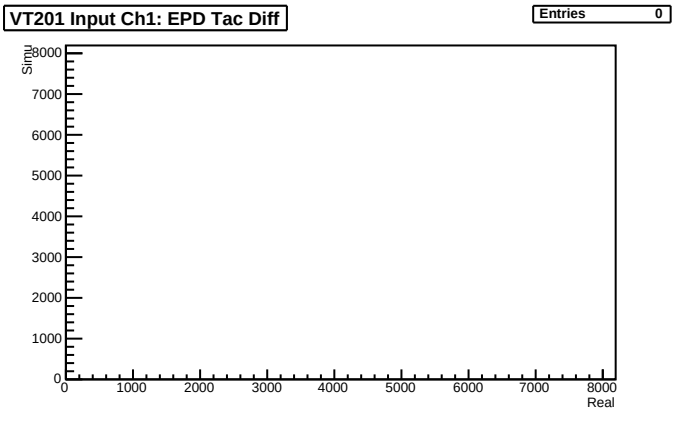

VT201 Input Ch0: BBC Small Tac Diff
Entries 352263
Tac

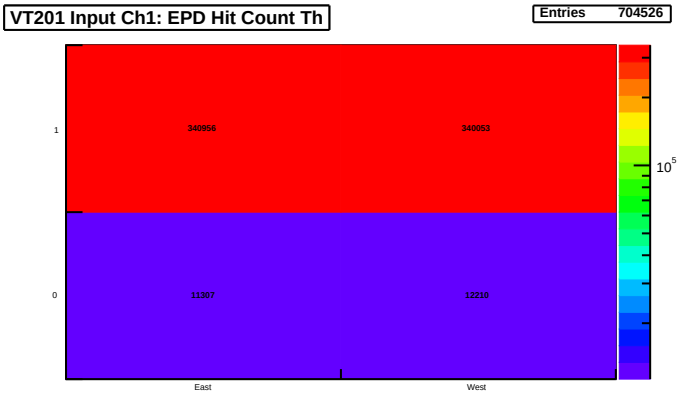

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

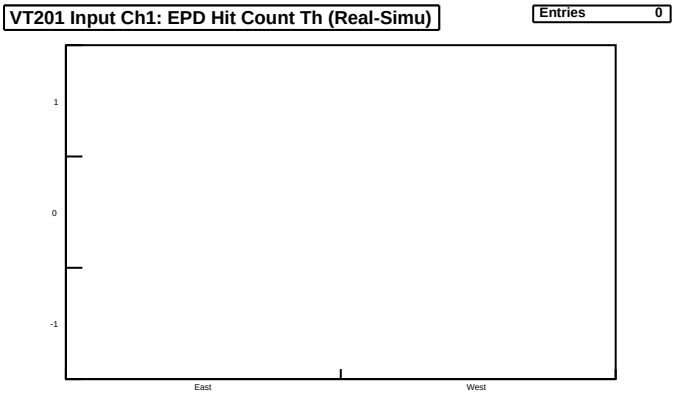

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 704526
254958
292102
97305
60161
East
West

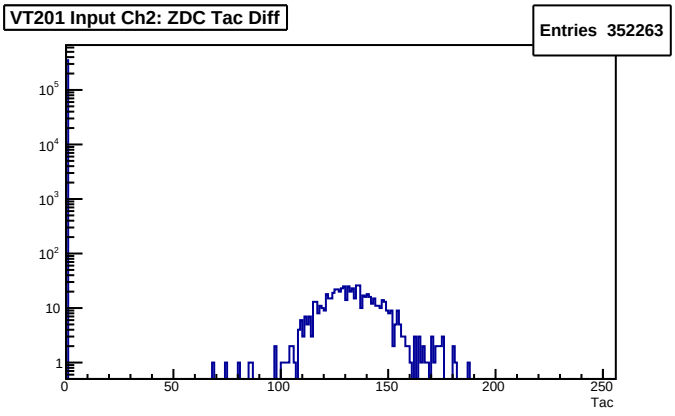

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

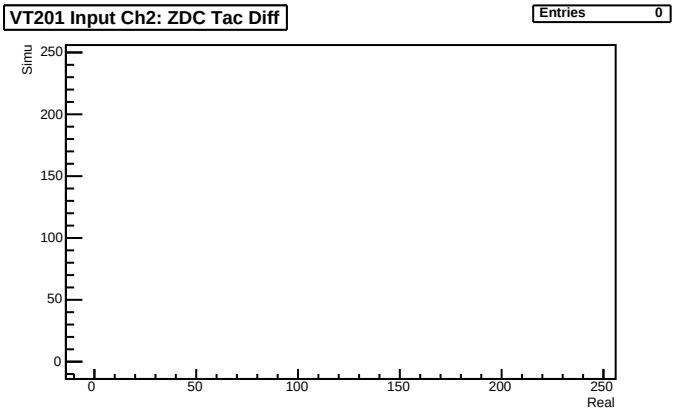

VT201 Input Ch1: EPD Tac Diff
Entries 352263
Tac

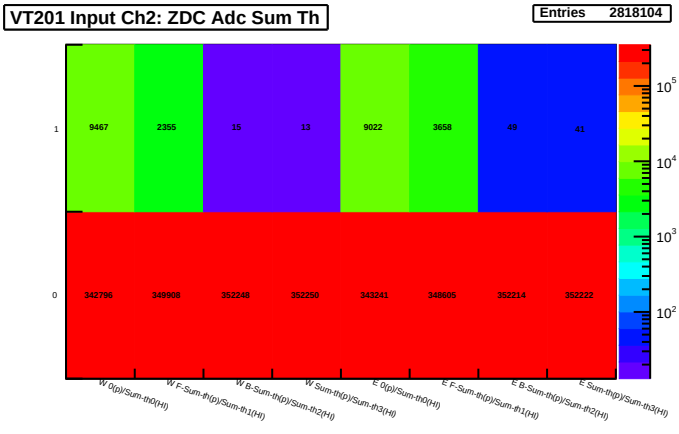

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

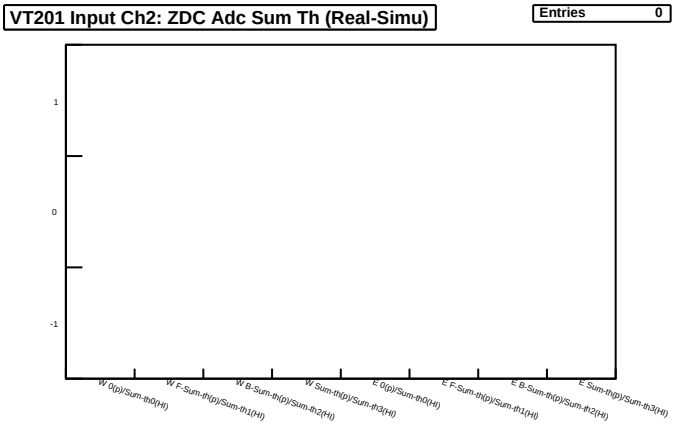

VT201 Input Ch1: EPD Hit Count Th
Entries 704526
340956
340053
11307
12210
East
West

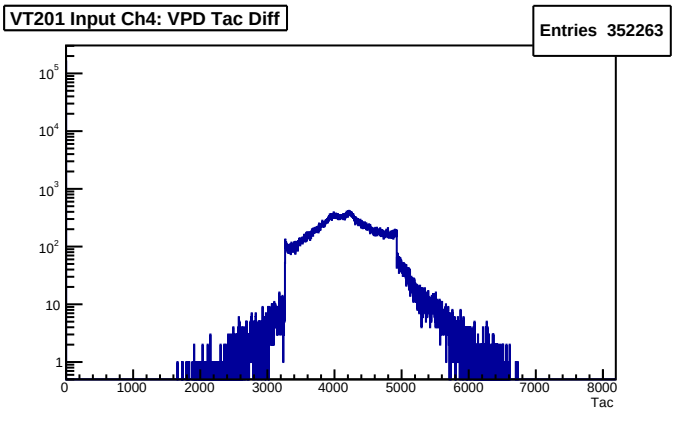

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

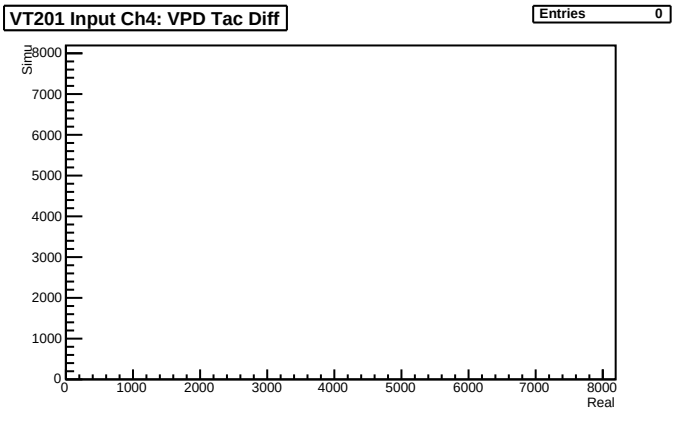

VT201 Input Ch2: ZDC Tac Diff
Entries 352263
Tac

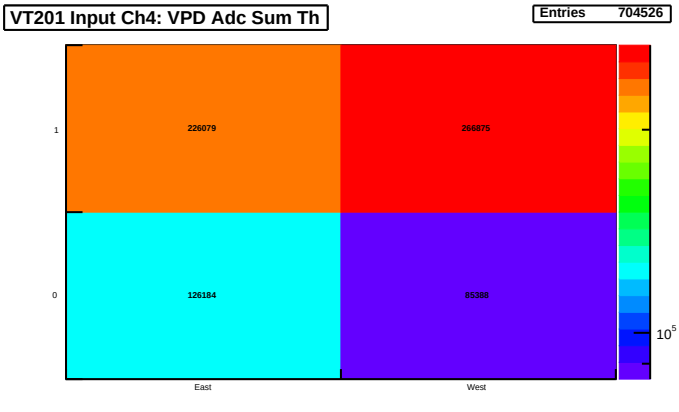

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

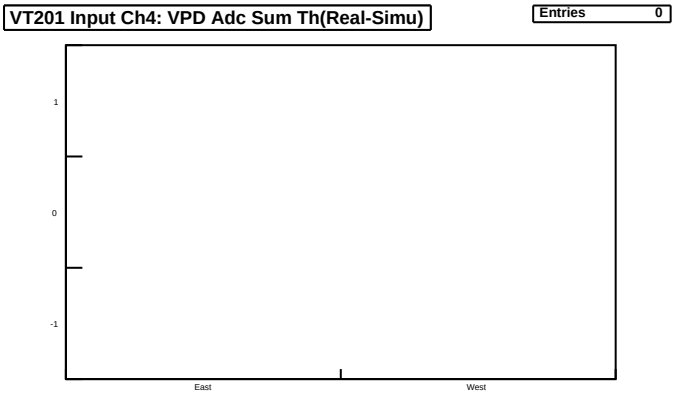

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2818104
9467
2355
15
13
9022
3658
49
41
342796
349908
352248
352250
343241
348605
352214
352222
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

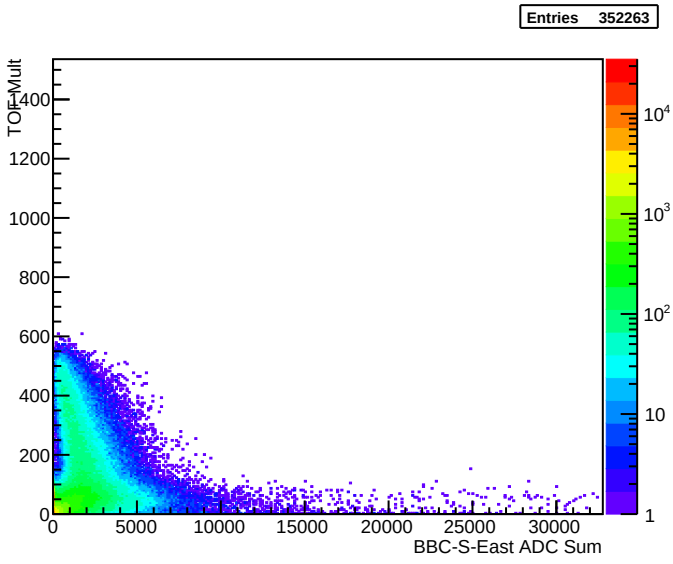

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

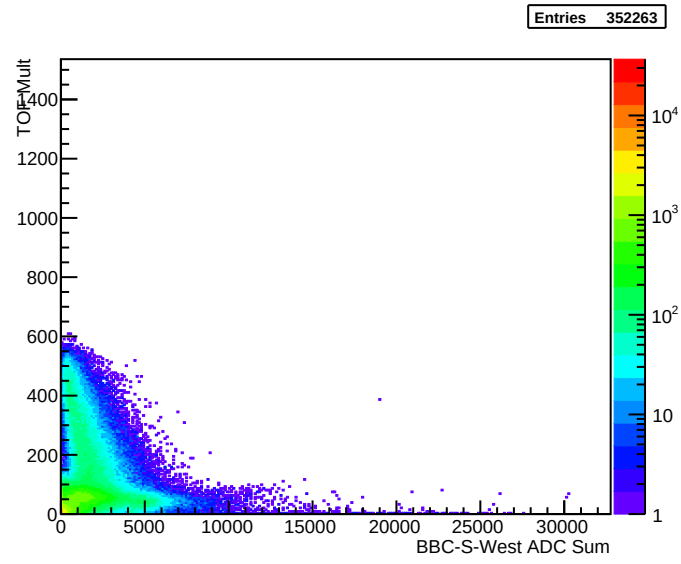

VT201 Input Ch4: VPD Tac Diff
Entries 352263
Tac

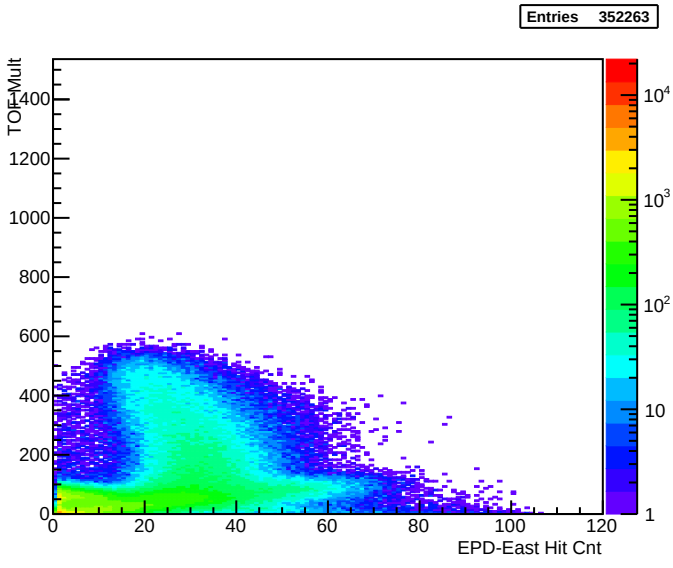

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

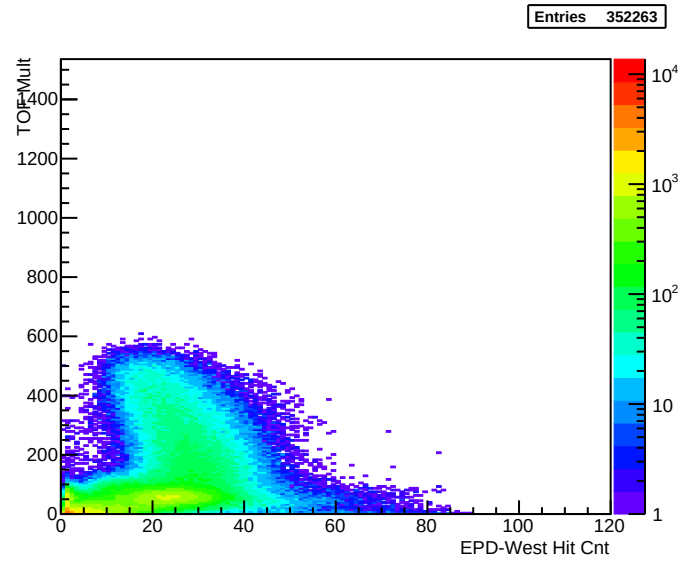

VT201 Input Ch4: VPD Adc Sum Th
Entries 704526
226079
266875
126184
85388
East
West

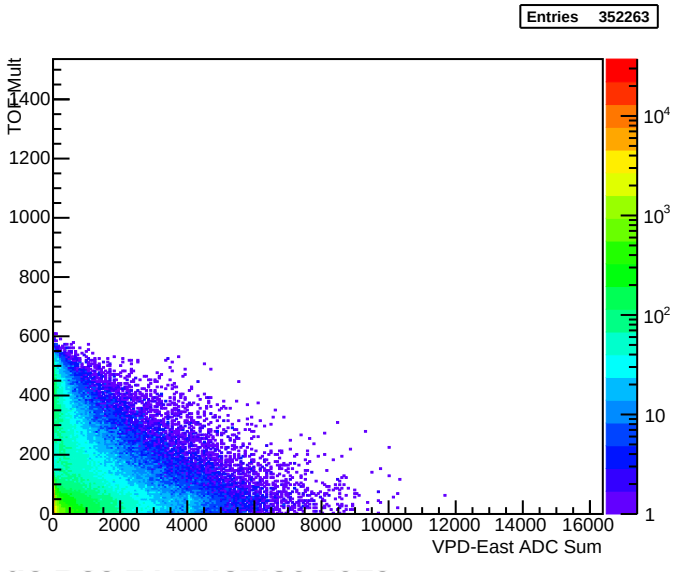

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

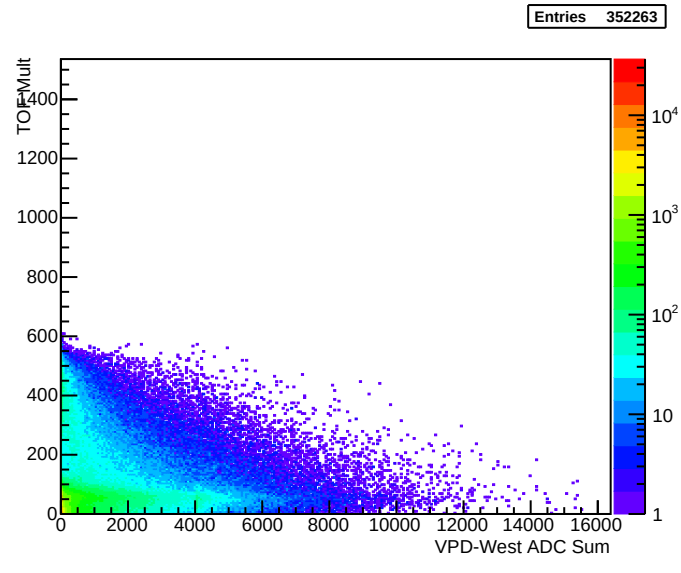

Entries 352263
TOF-Mult
BBC-S-East ADC Sum

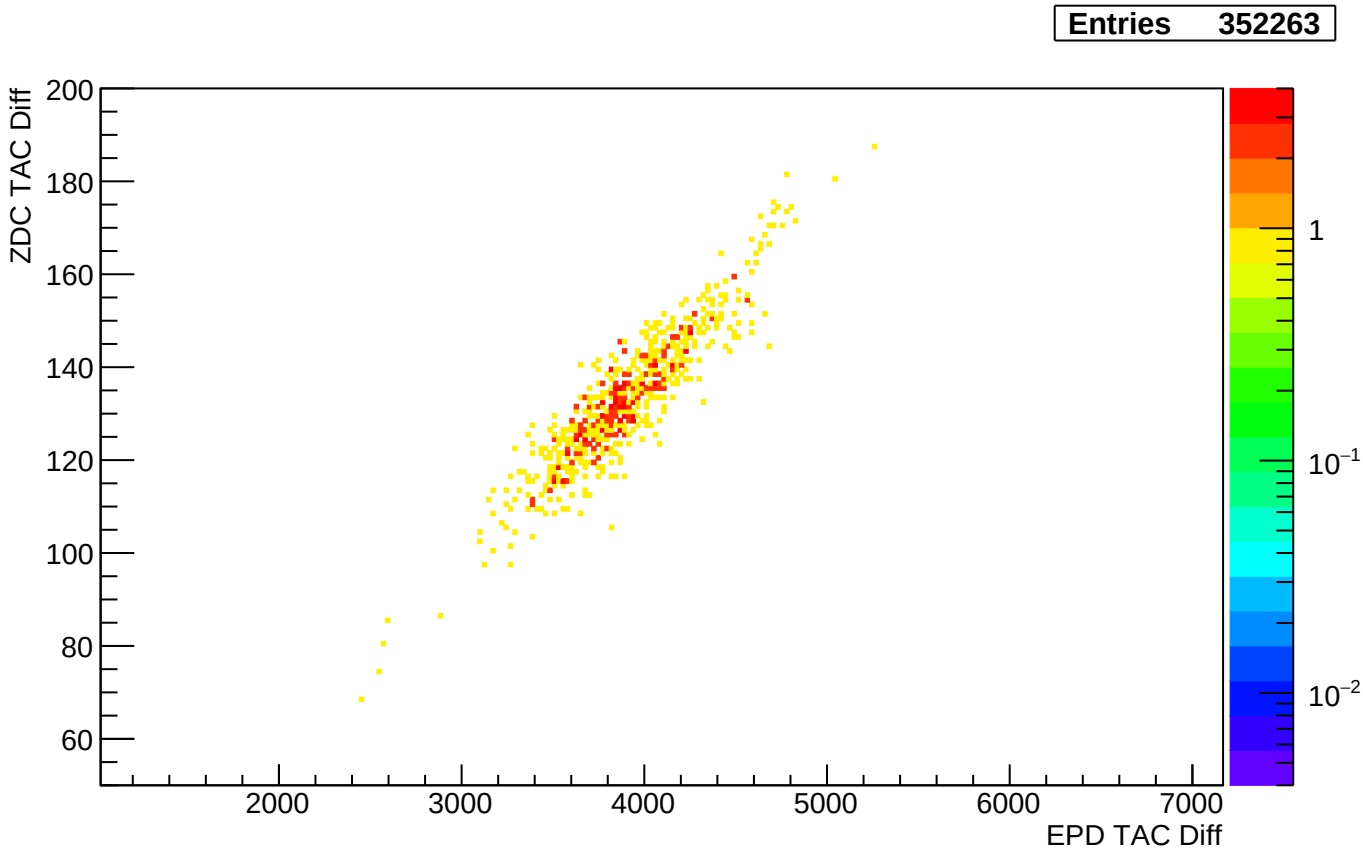

Entries 352263
TOF-Mult
BBC-S-West ADC Sum

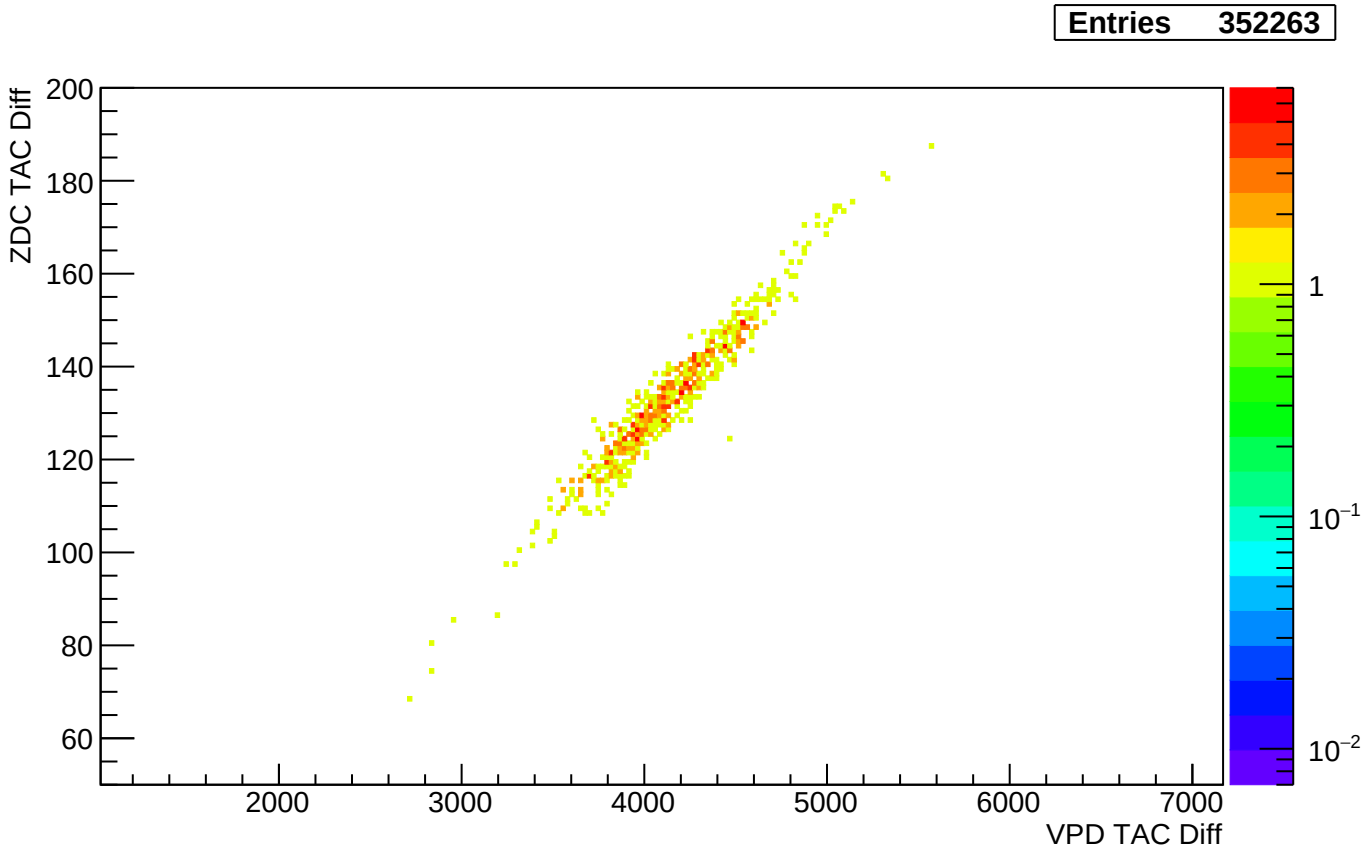

Entries 352263
TOF-Mult
EPD-East Hit Cnt

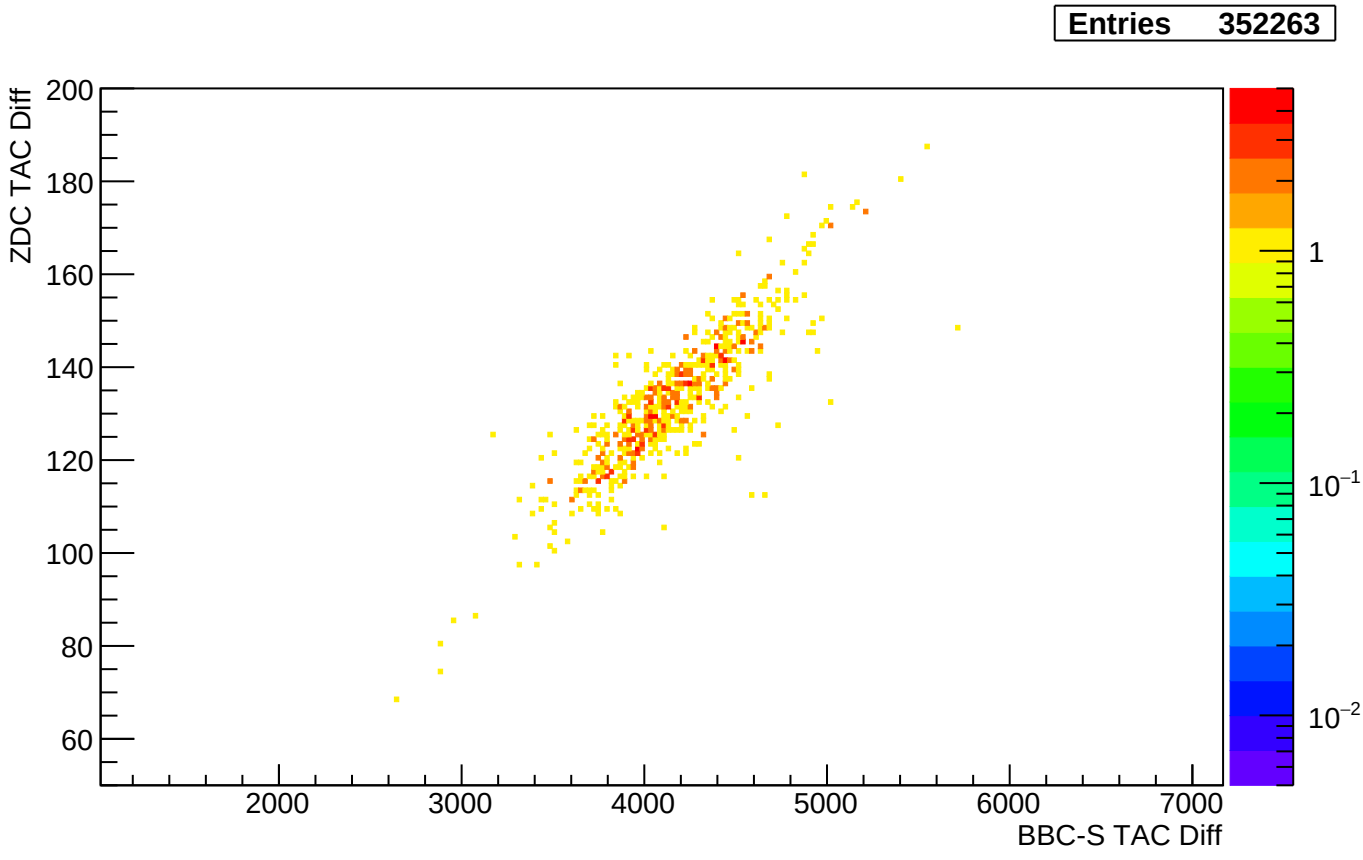

Entries 352263
TOF-Mult
EPD-West Hit Cnt

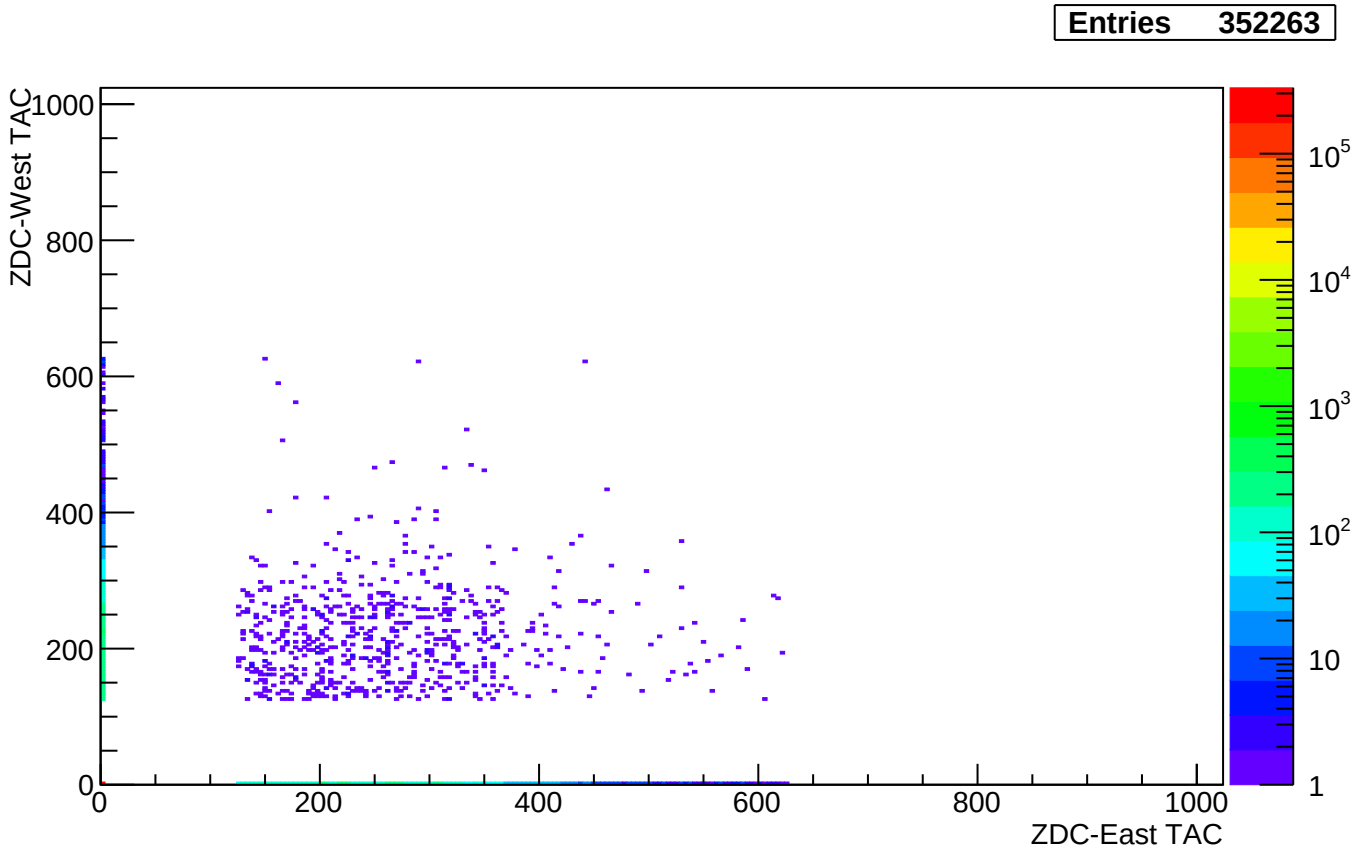

Entries 352263
TOF-Mult
VPD-East ADC Sum

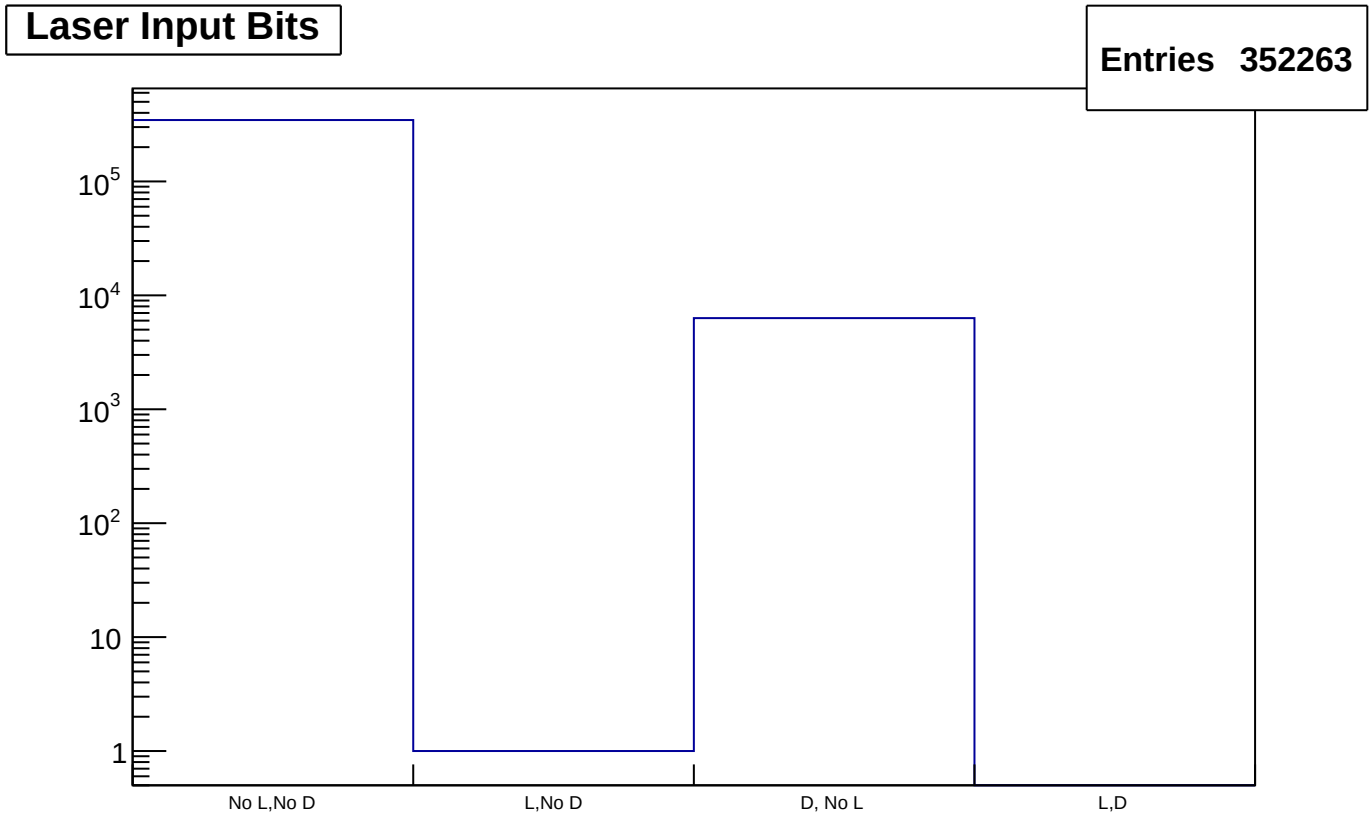

Entries 352263
TOF-Mult
VPD-West ADC Sum

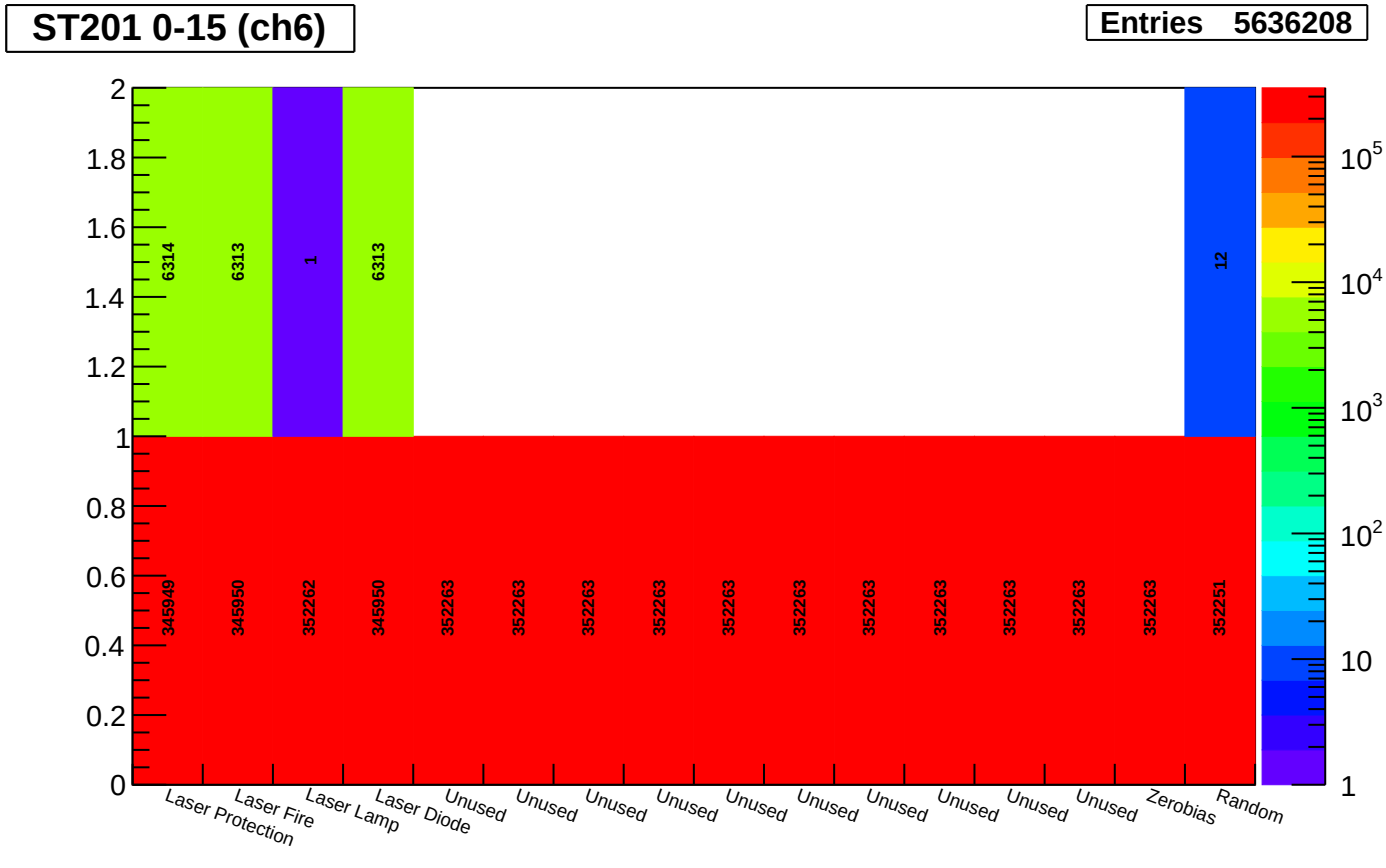

Entries 352263
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

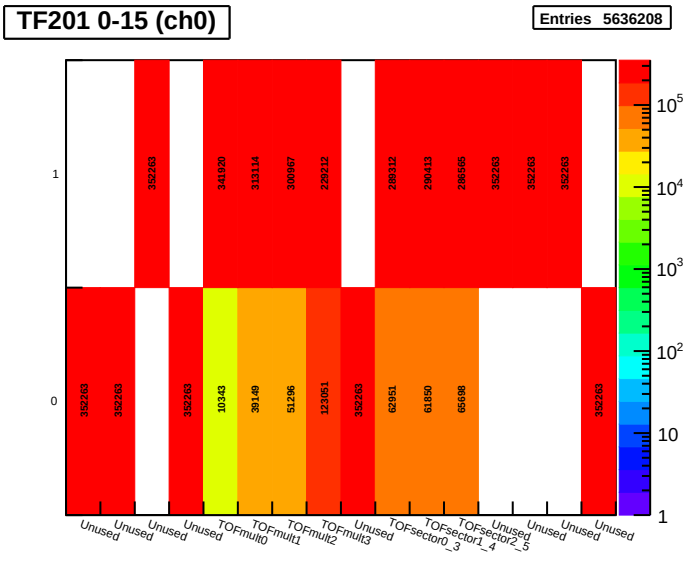

Entries 352263
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

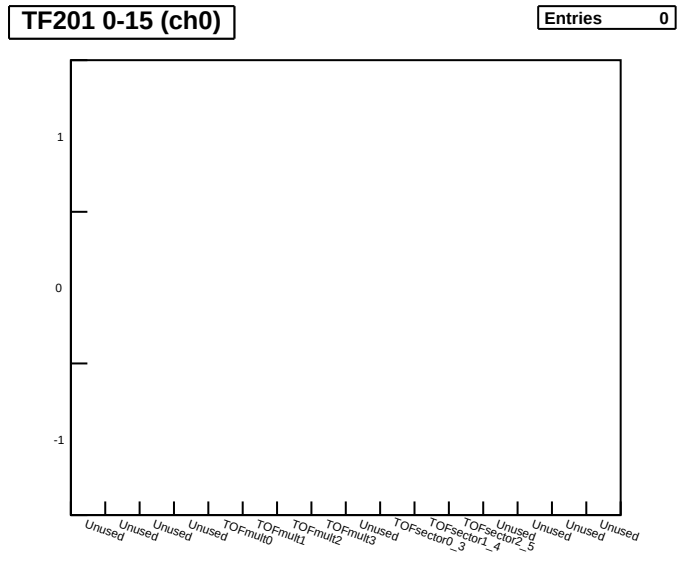

Entries 352263
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

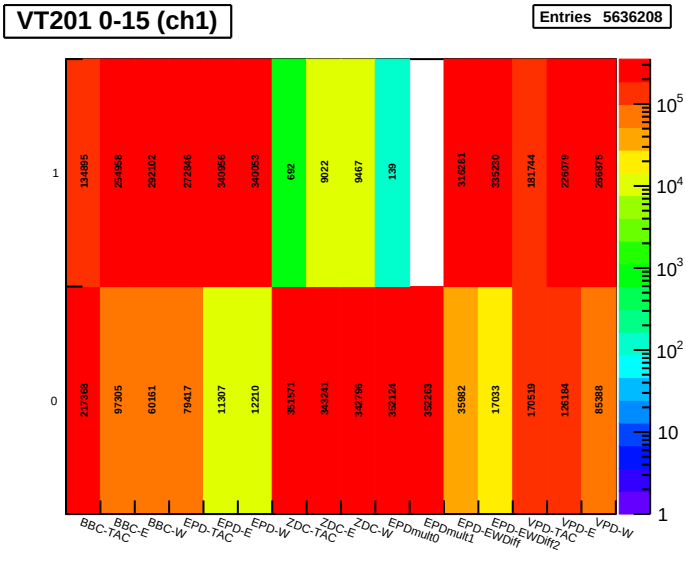

Entries 352263
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

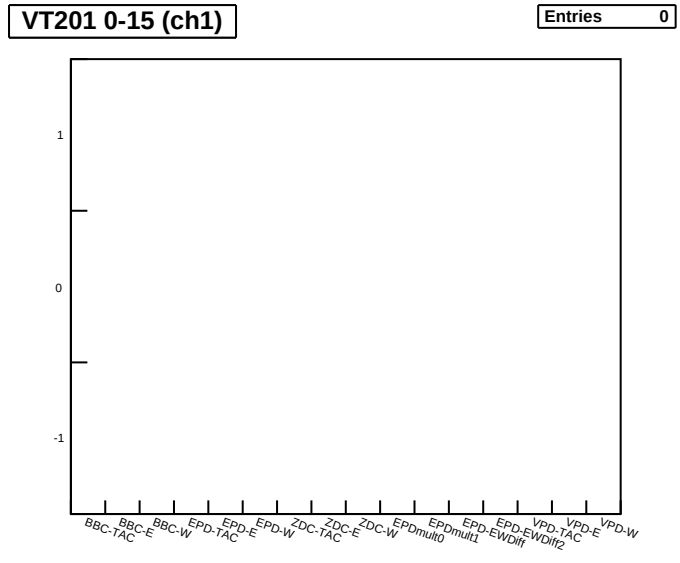

Laser Input Bits
Entries 352263
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

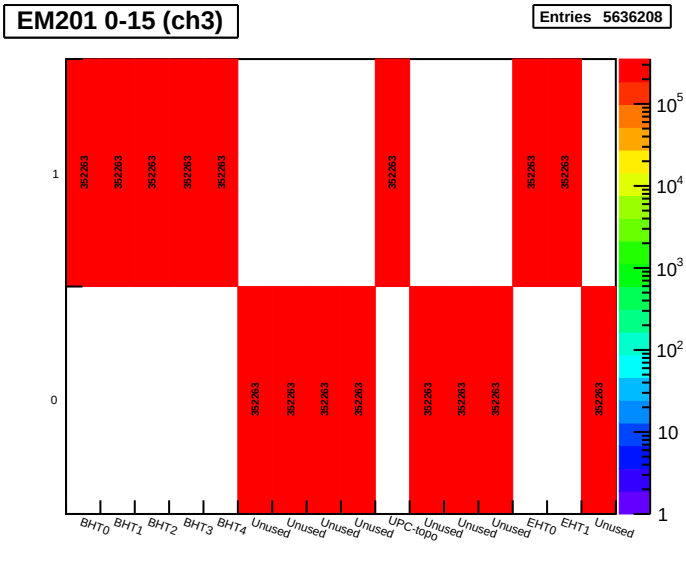

ST201 0-15 (ch6)
Entries 5636208
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
6314
6313
1
6313
12
345949
345950
352262
345950
352263
352263
352263
352263
352263
352263
352263
352263
352263
352263
352263
352251
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

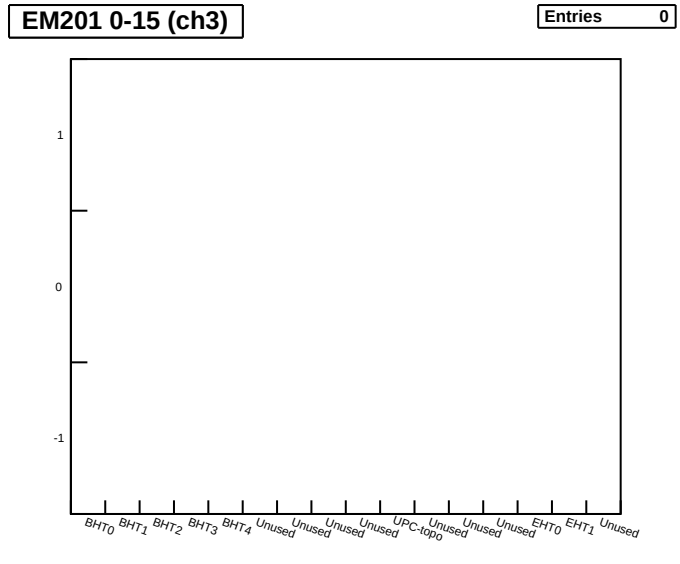

TF201 0-15 (ch0)
Entries 5636208
1
0
352263
341920
313114
300967
229212
289312
290413
286565
352263
352263
352263
352263
352263
352263
10343
39149
51296
123051
352263
62951
61850
65698
352263
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
1
10
10^2
10^3
10^4
10^5


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 5636208
1
0
134895
254958
292102
272846
340956
340053
692
9022
9467
139
316281
335230
181744
226079
266875
217368
97305
60161
79417
11307
12210
351571
343241
342796
352124
352263
35982
17033
170519
126184
85308
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
1
10
10^2
10^3
10^4
10^5


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 5636208
1
0
352263
352263
352263
352263
352263
352263
352263
352263
352263
352263
352263
352263
352263
352263
352263
352263
352263
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
1
10
10^2
10^3
10^4
10^5


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