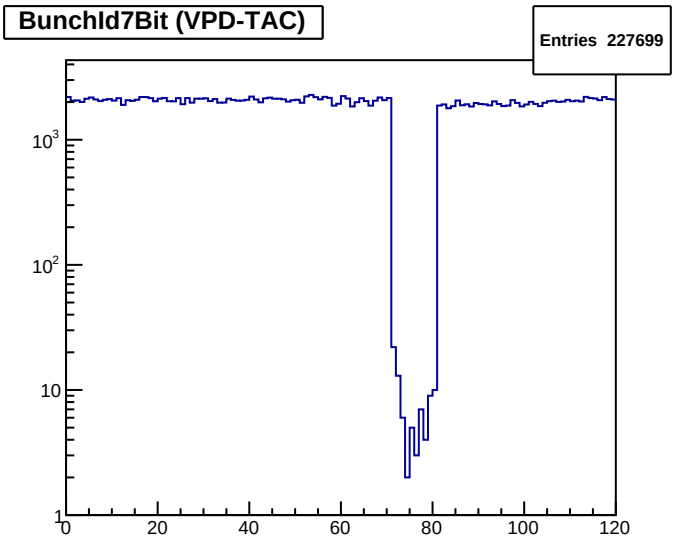
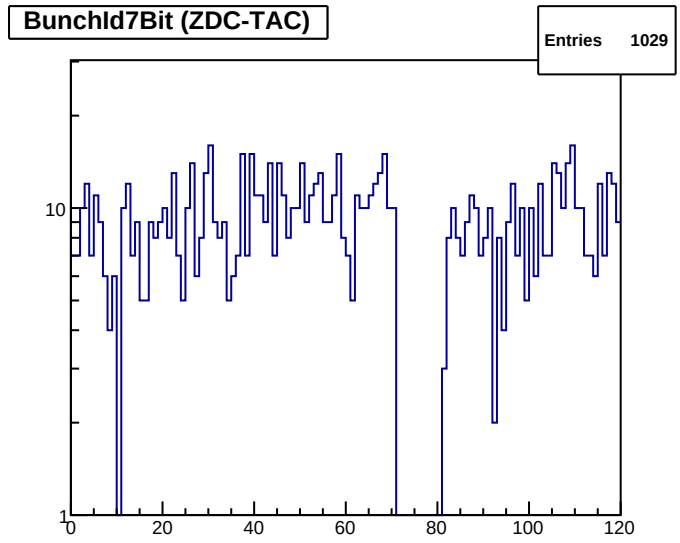
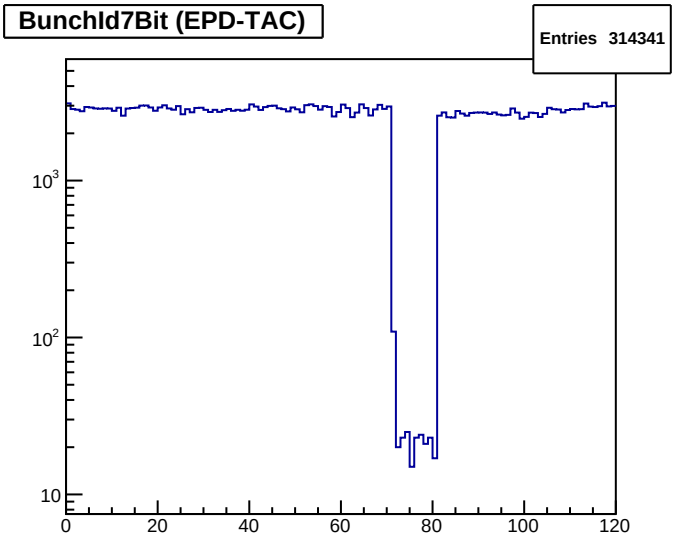
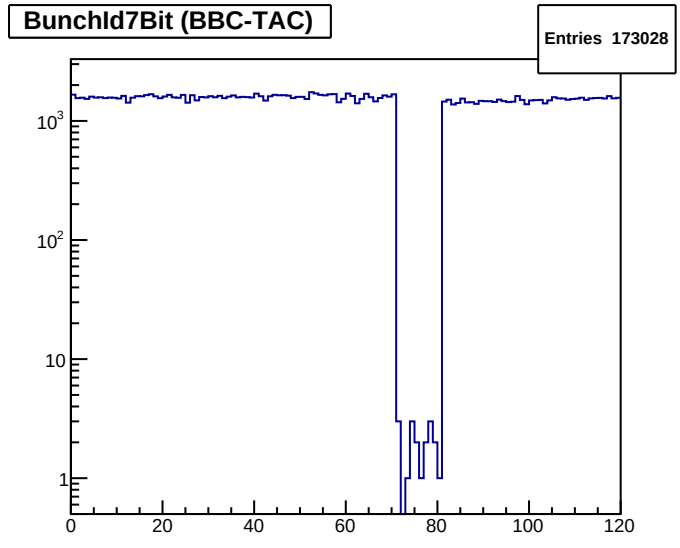
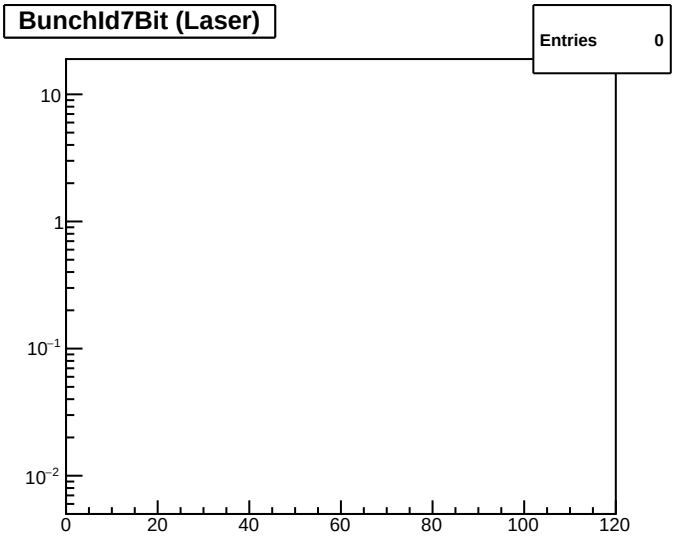
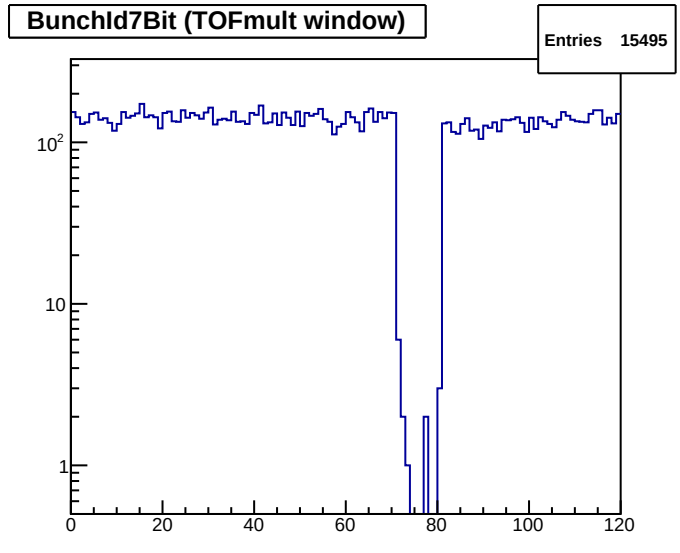

BunchId7Bit (VPD-TAC)
Entries 227699

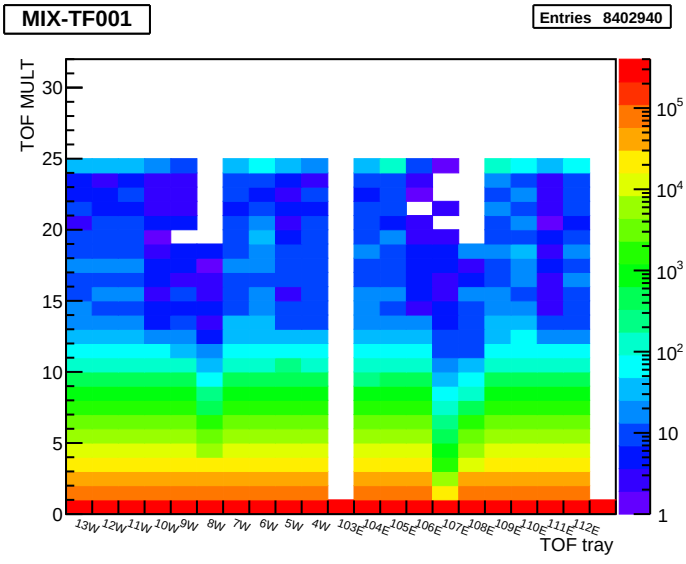

BunchId7Bit (ZDC-TAC)
Entries 1029

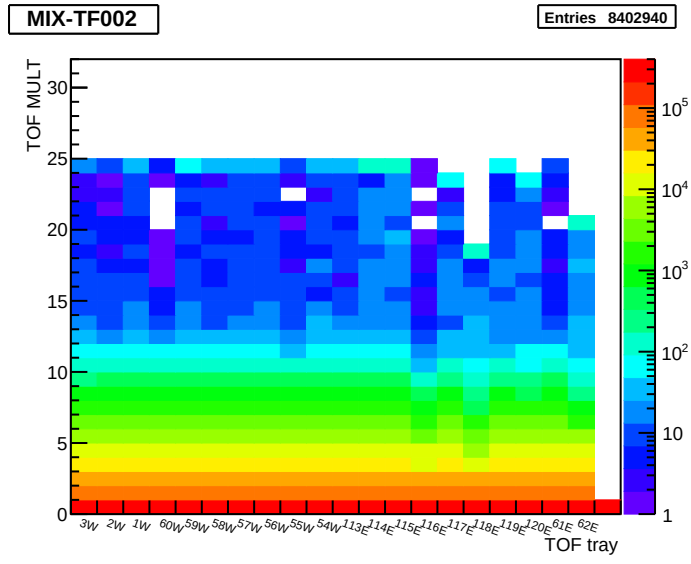

BunchId7Bit (EPD-TAC)
Entries 314341

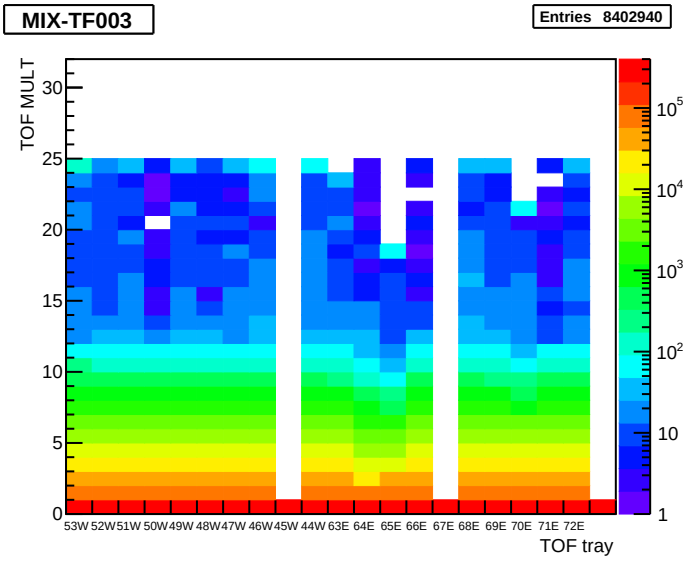

BunchId7Bit (BBC-TAC)
Entries 173028

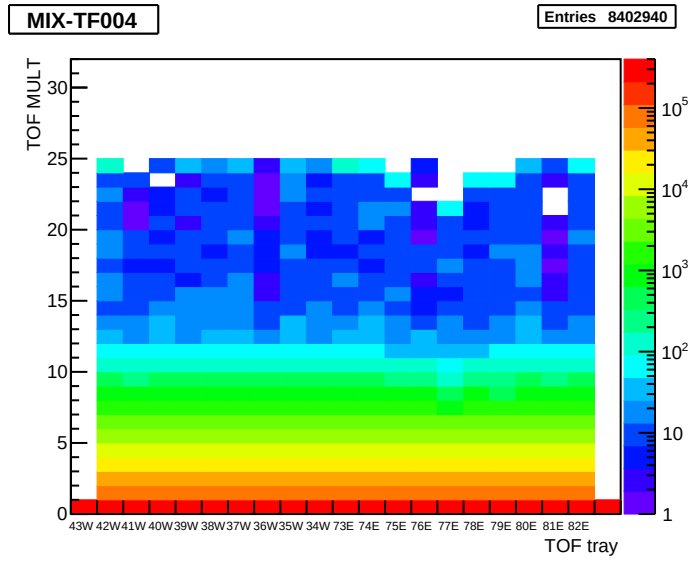

BunchId7Bit (Laser)
Entries 0

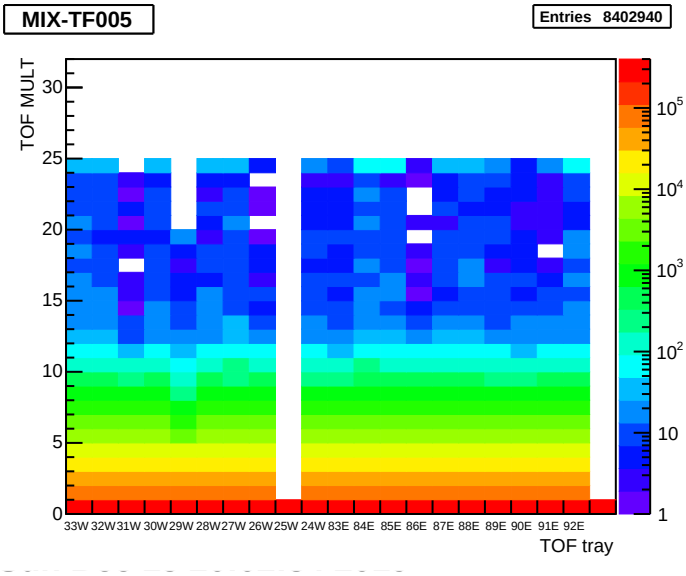

BunchId7Bit (TOFmult window)
Entries 15495

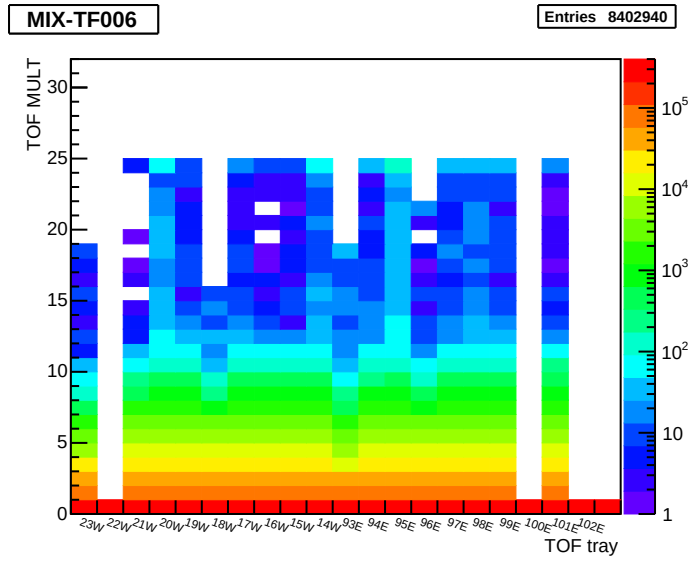

MIX-TF001
Entries 8402940
TOF MULT
TOF tray

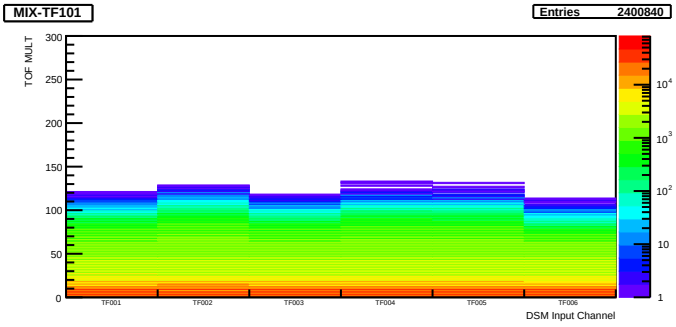

MIX-TF002
Entries 8402940
TOF MULT
TOF tray

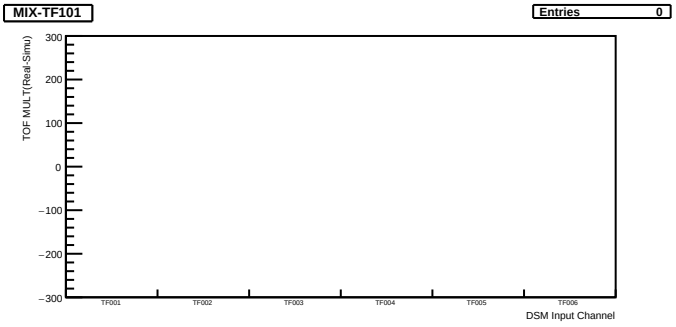

MIX-TF003
Entries 8402940
TOF MULT
TOF tray

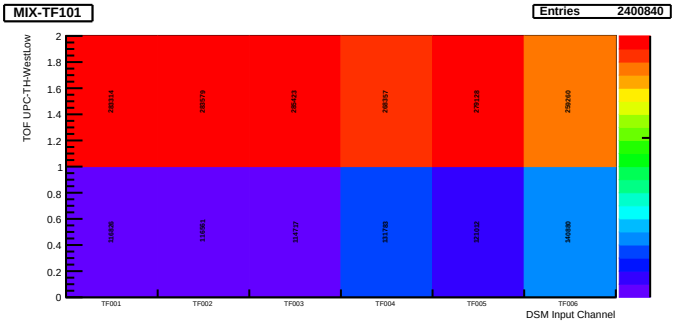

MIX-TF004
Entries 8402940
TOF MULT
TOF tray

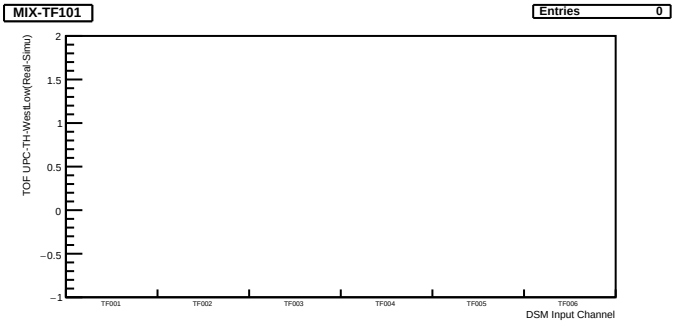

MIX-TF005
Entries 8402940
TOF MULT
TOF tray

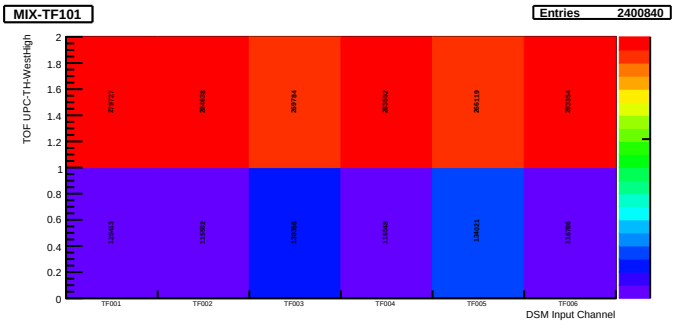

MIX-TF006
Entries 8402940
TOF MULT
TOF tray

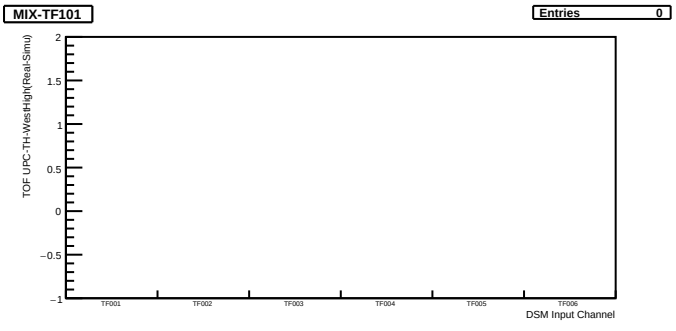

MIX-TF101
Entries 2400840
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

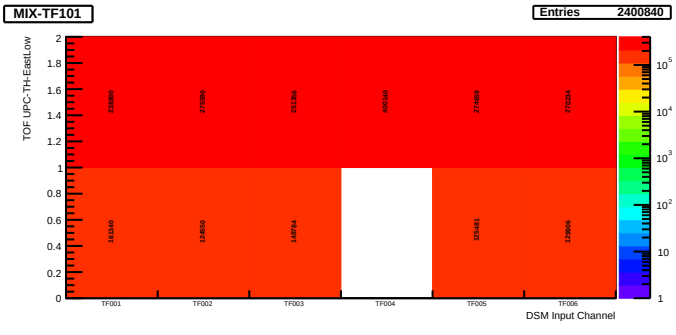

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

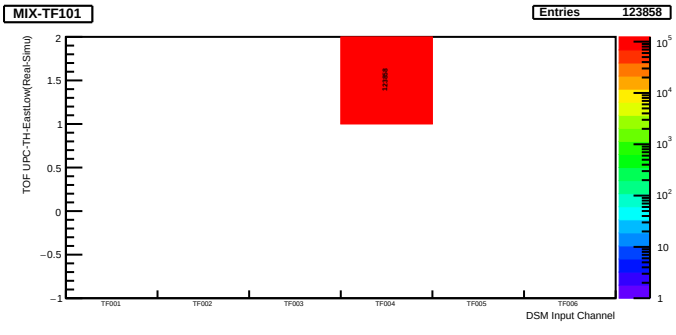

MIX-TF101
Entries 2400840
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

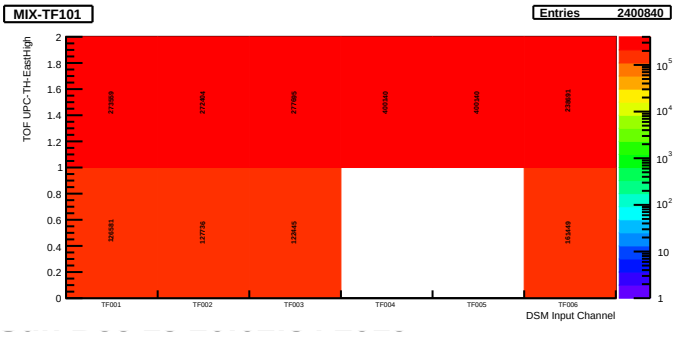

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

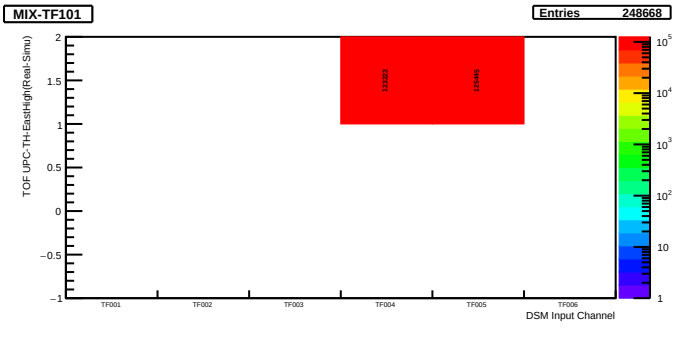

MIX-TF101
Entries 2400840
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

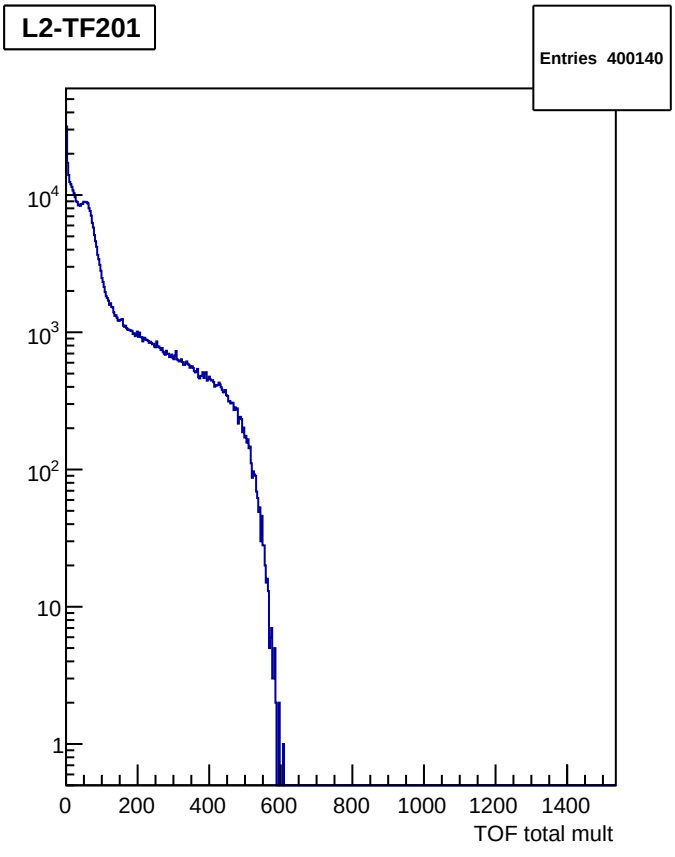

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

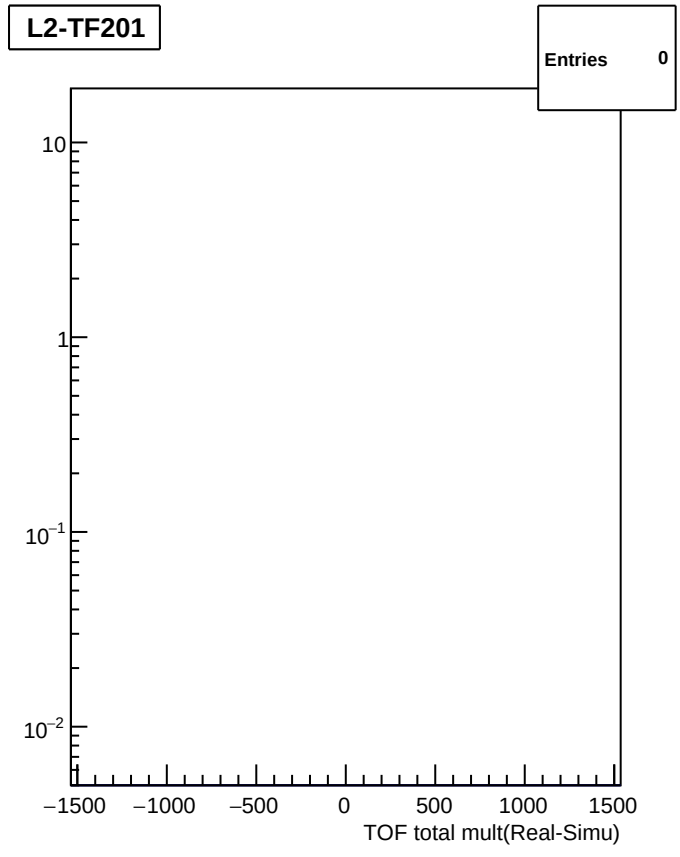

MIX-TF101
Entries 2400840
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

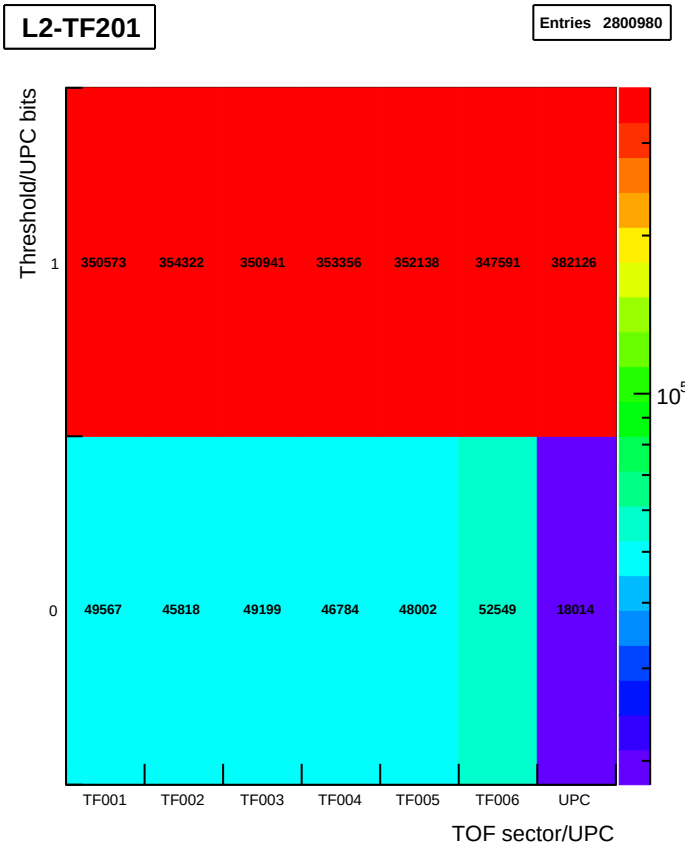

MIX-TF101
Entries 123858
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

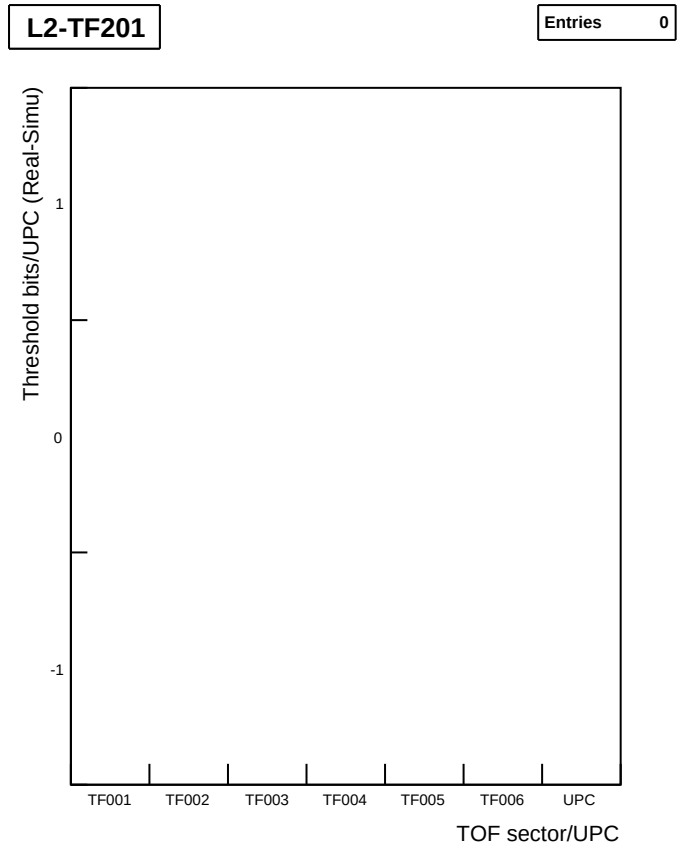

MIX-TF101
Entries 2400840
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

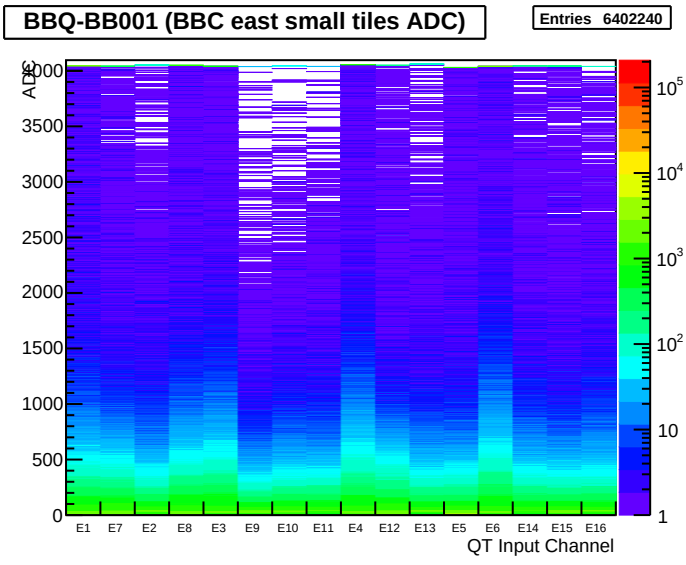

MIX-TF101
Entries 248668
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

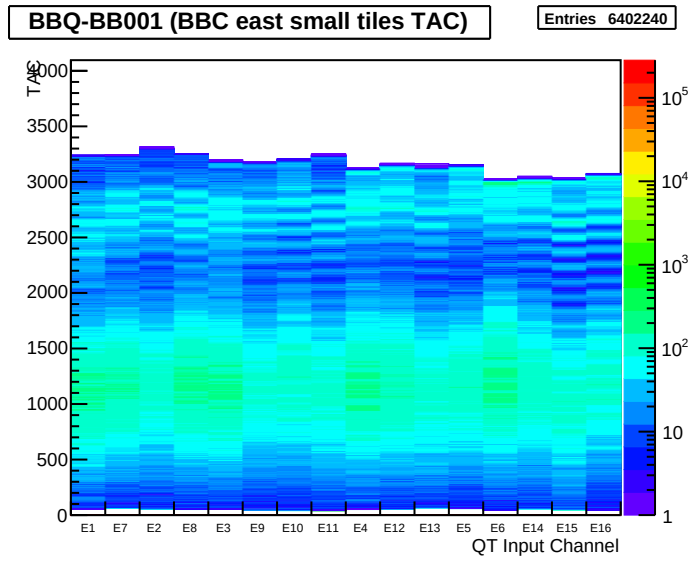

L2-TF201
Entries 400140
TOF total mult

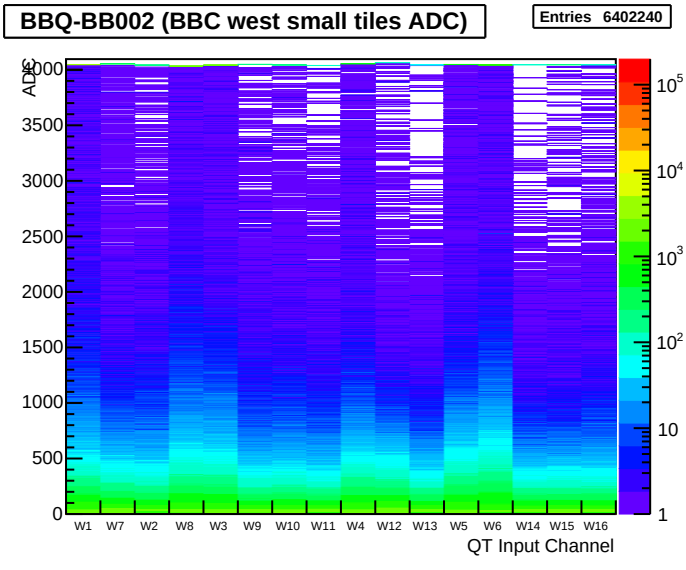

L2-TF201
Entries 0
TOF total mult(Real-Simu)

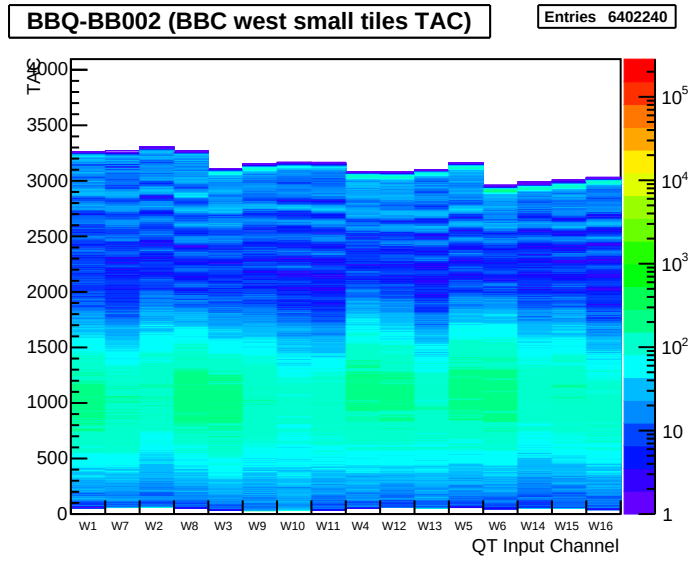

L2-TF201
Entries 2800980
Threshold/UPC bits
350573 354322 350941 353356 352138 347591 382126
49567 45818 49199 46784 48002 52549 18014
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

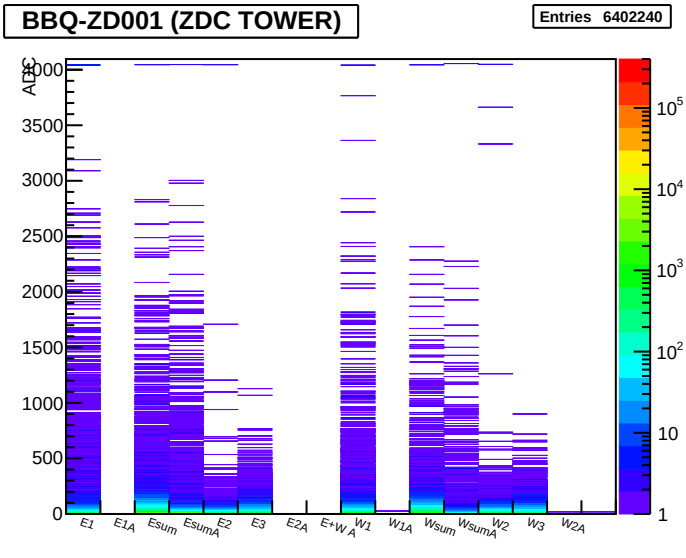

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

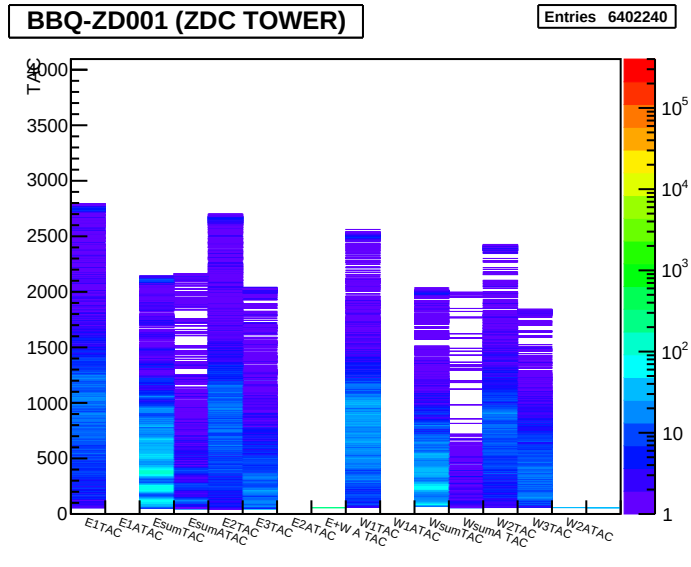

BBQ-BB001 (BBC east small tiles ADC)
Entries 6402240
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

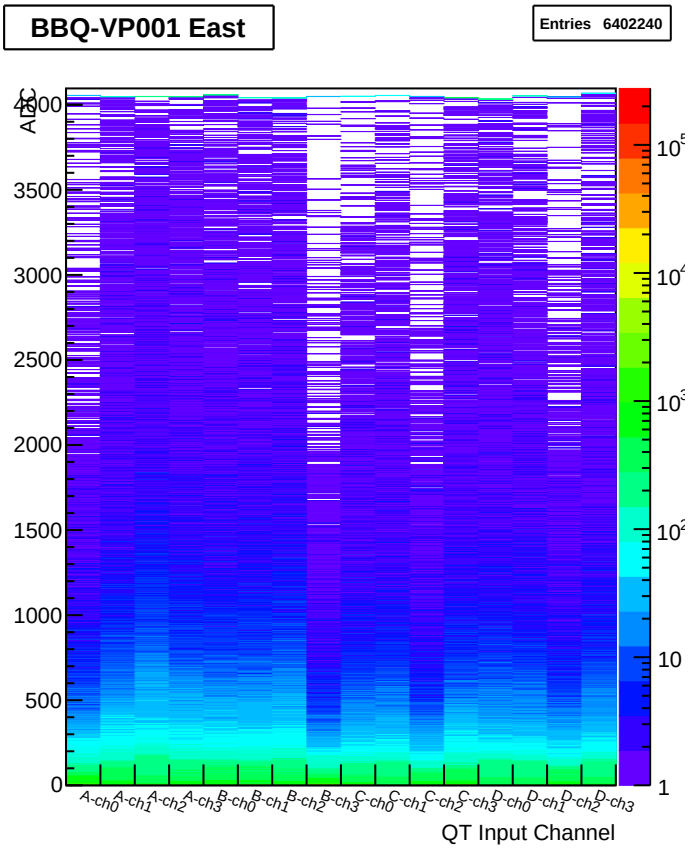

BBQ-BB001 (BBC east small tiles TAC)
Entries 6402240
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

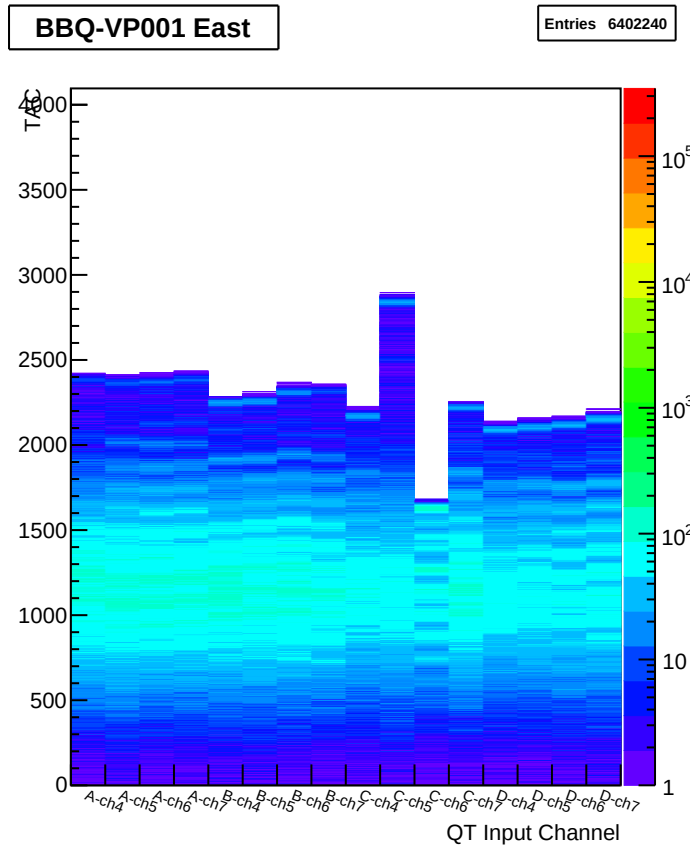

BBQ-BB002 (BBC west small tiles ADC)
Entries 6402240
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

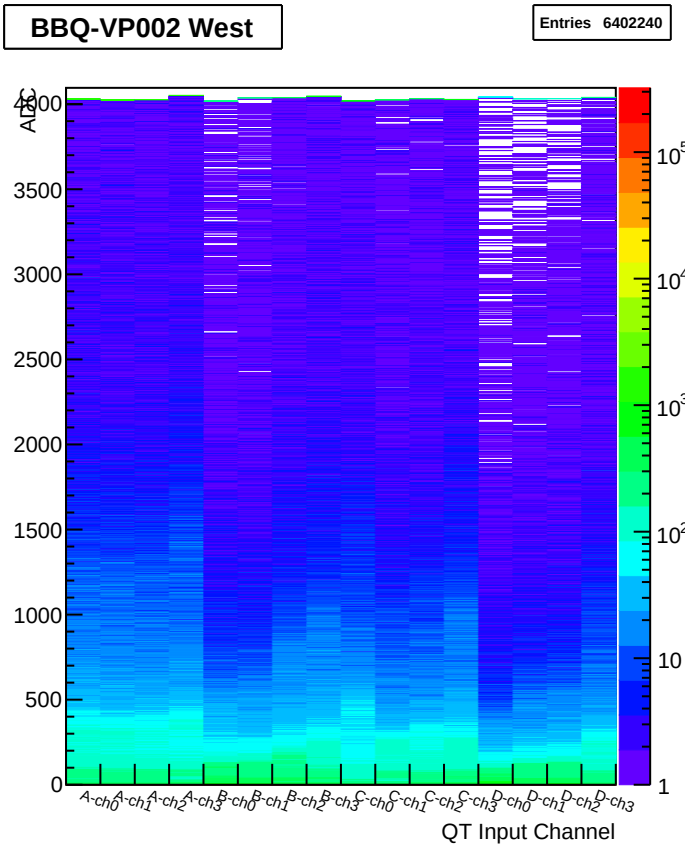

BBQ-BB002 (BBC west small tiles TAC)
Entries 6402240
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

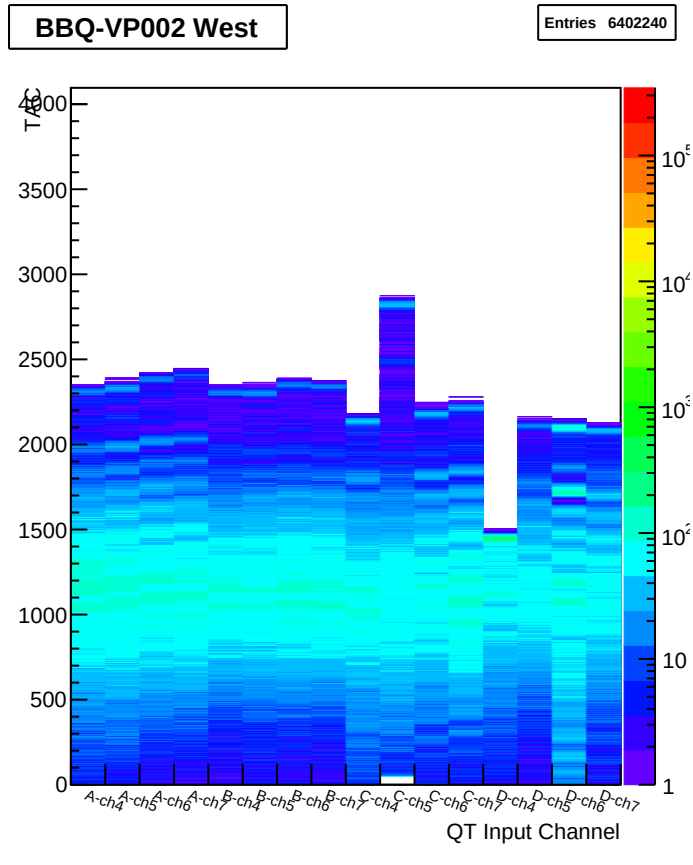

BBQ-ZD001 (ZDC TOWER)
Entries 6402240
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

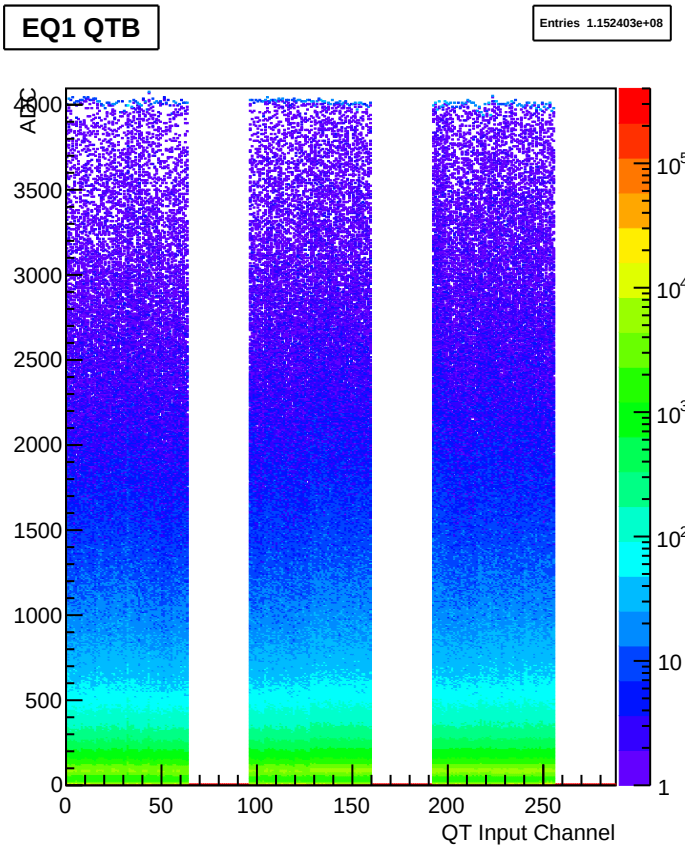

BBQ-ZD001 (ZDC TOWER)
Entries 6402240
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

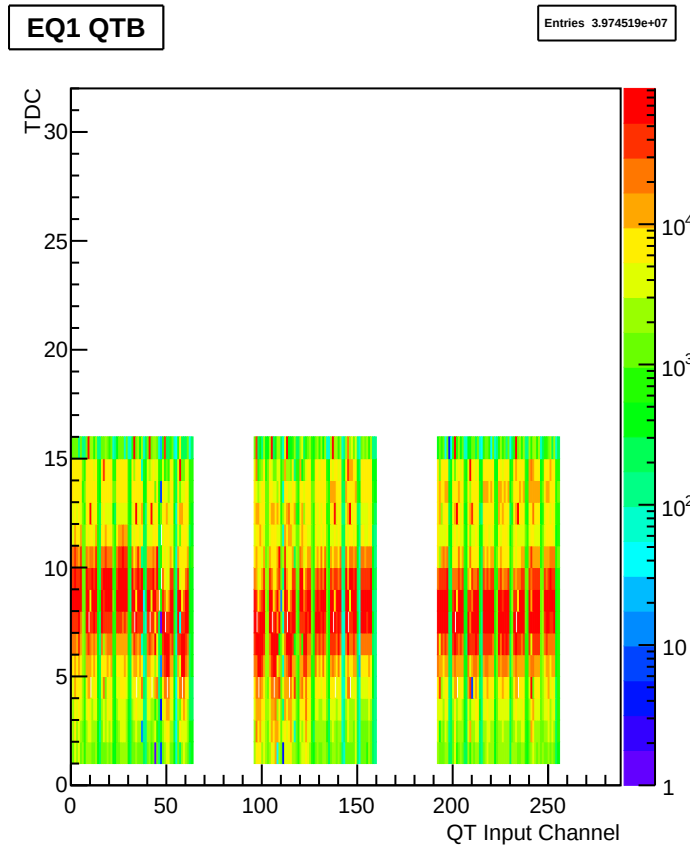

BBQ-VP001 East
Entries 6402240
ADC
QT Input Channel

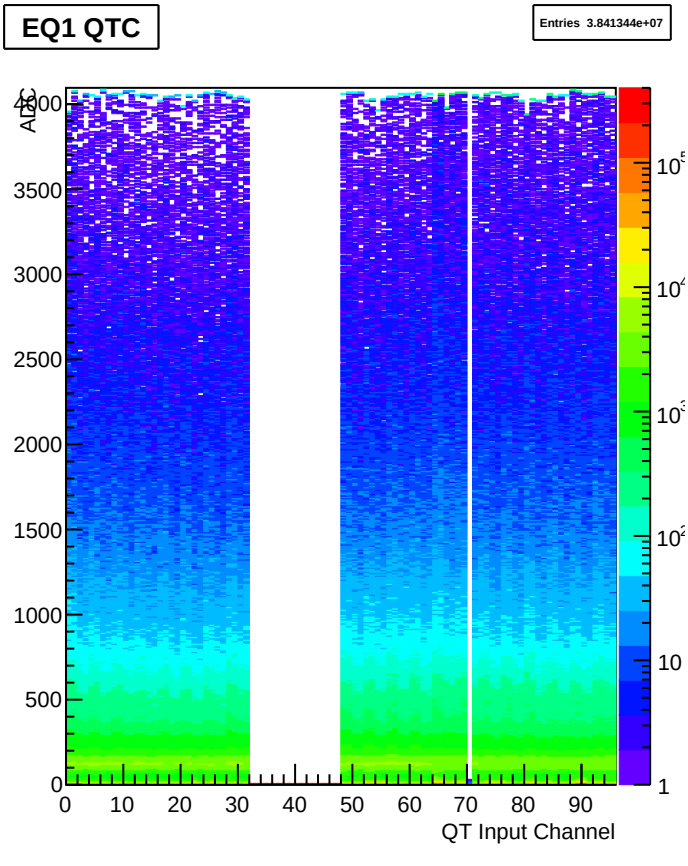

BBQ-VP001 East
Entries 6402240
ADC
QT Input Channel

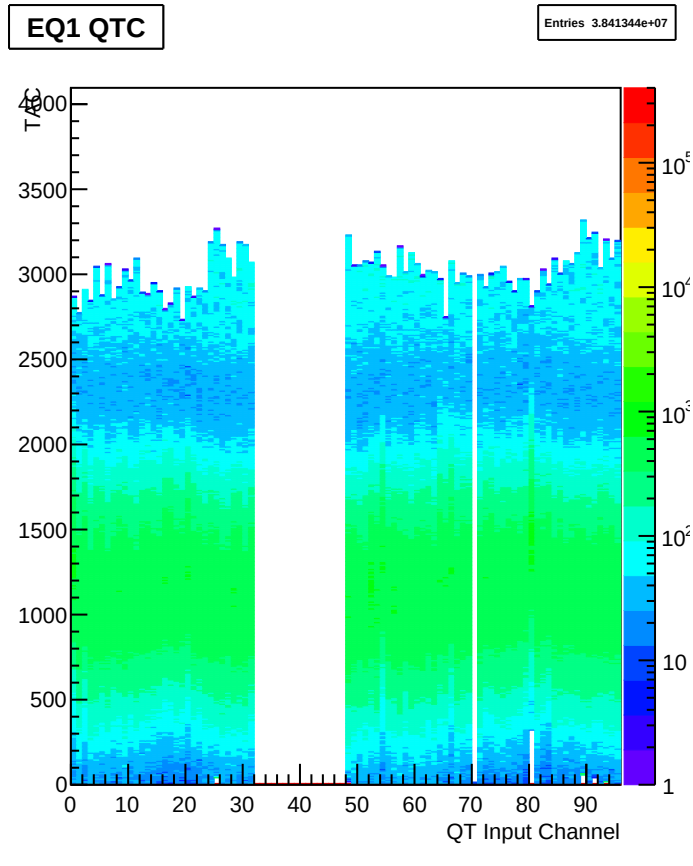

BBQ-VP002 West
Entries 6402240
ADC
QT Input Channel

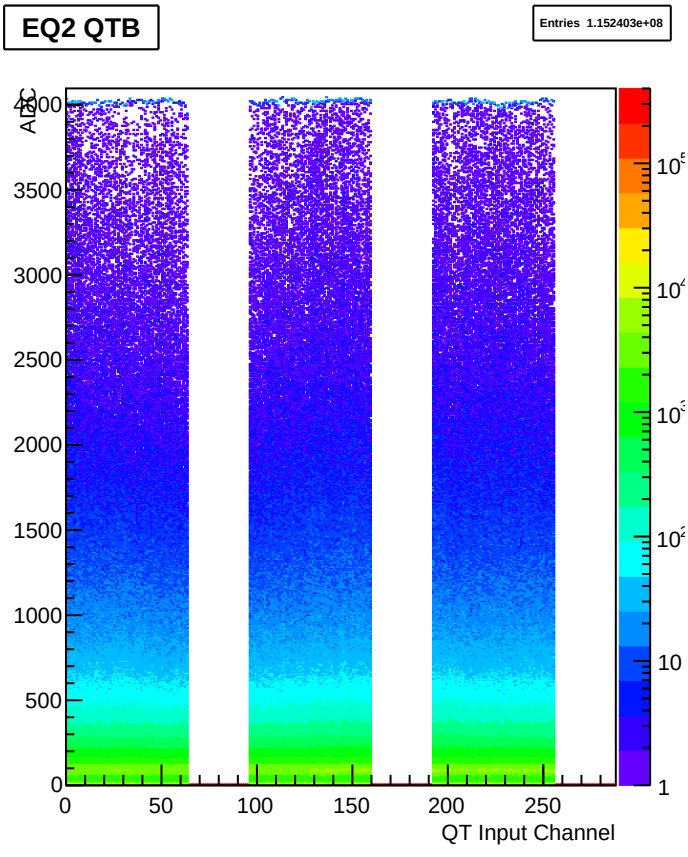

BBQ-VP002 West
Entries 6402240
ADC
QT Input Channel

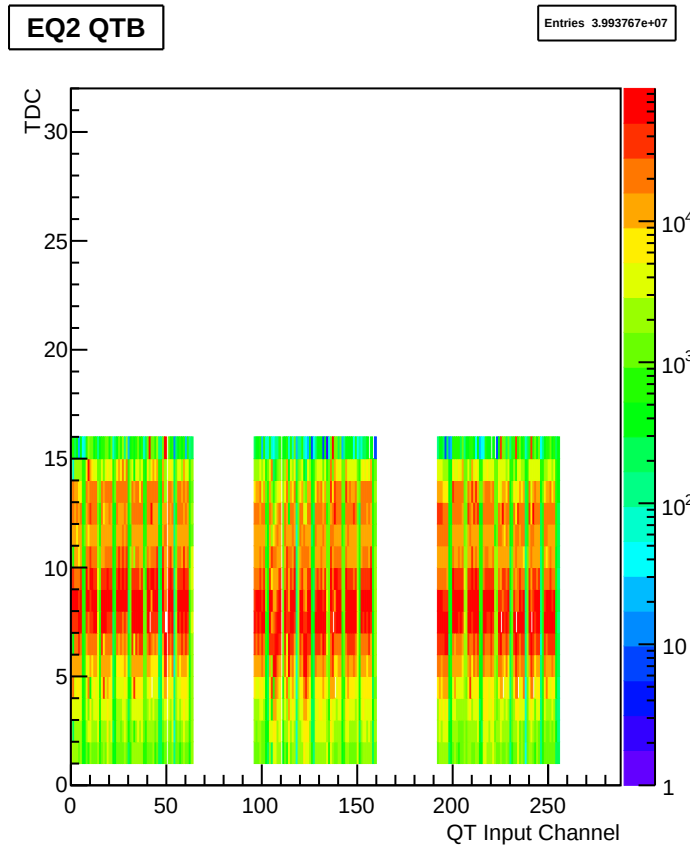

EQ1 QTB
Entries 1.152403e+08
ADC
QT Input Channel

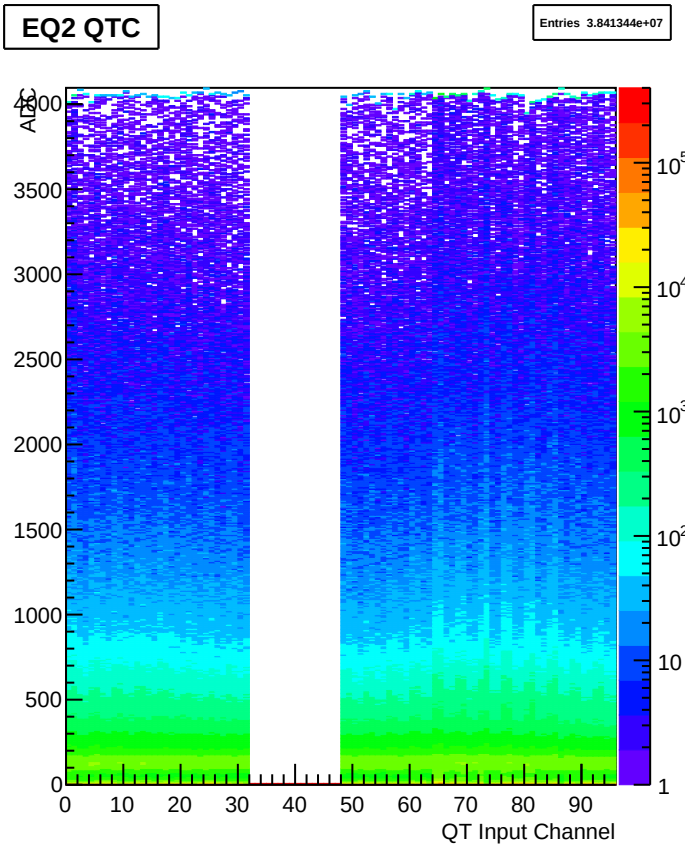

EQ1 QTB
Entries 3.974519e+07
TDC
QT Input Channel

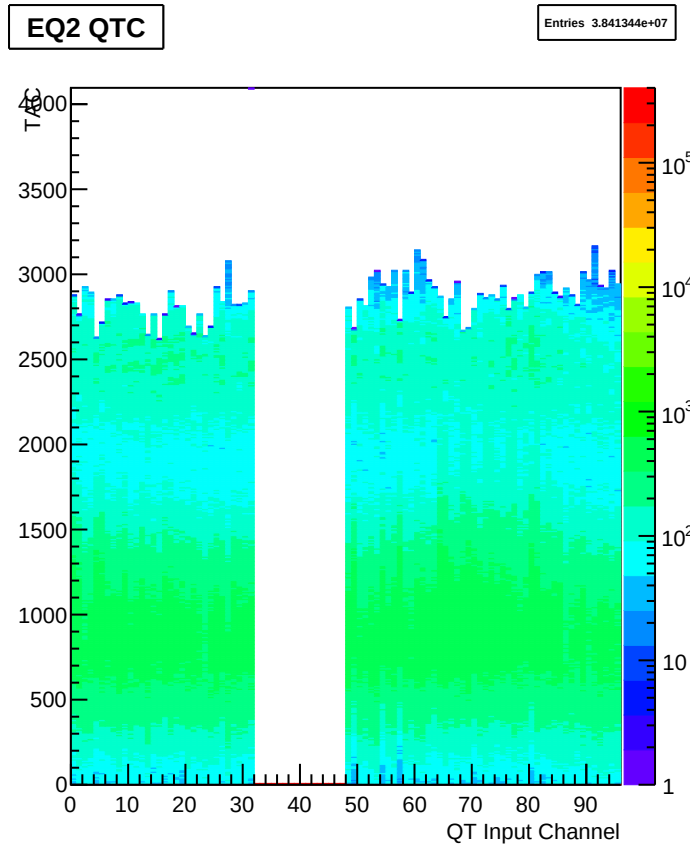

EQ1 QTC
Entries 3.841344e+07
ADC
QT Input Channel

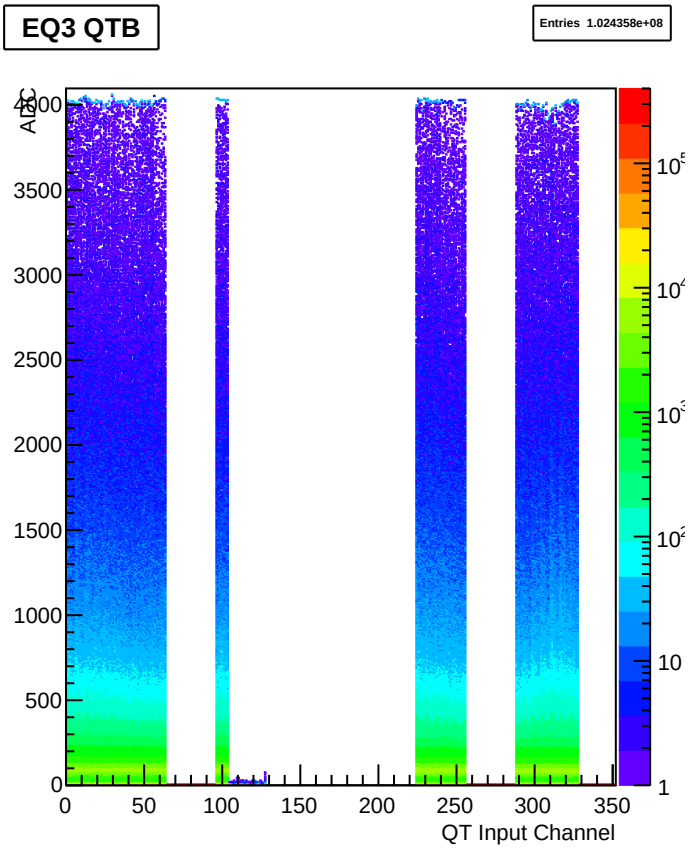

EQ1 QTC
Entries 3.841344e+07
TADC
QT Input Channel

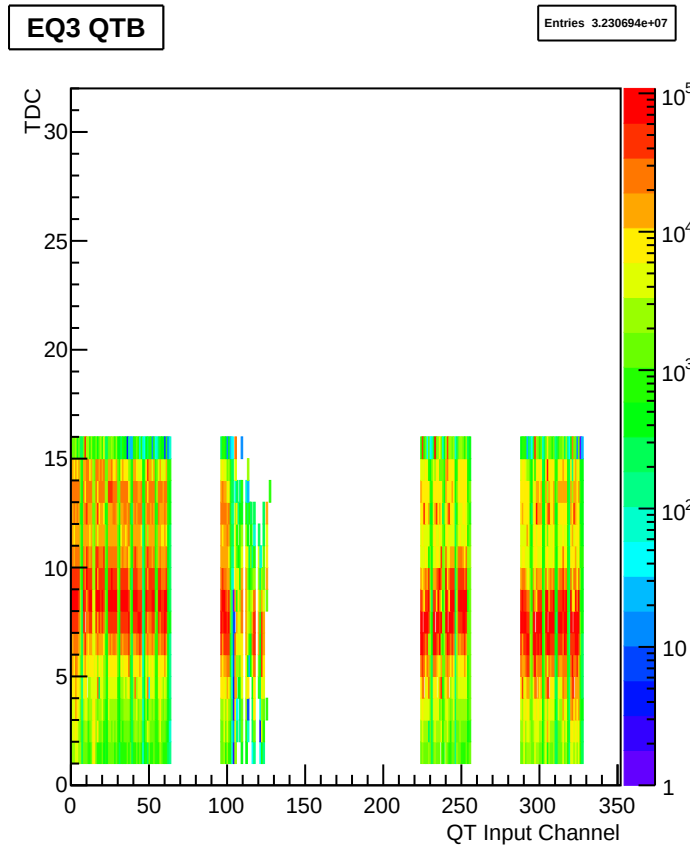

EQ2 QTB
Entries 1.152403e+08
ADC
QT Input Channel

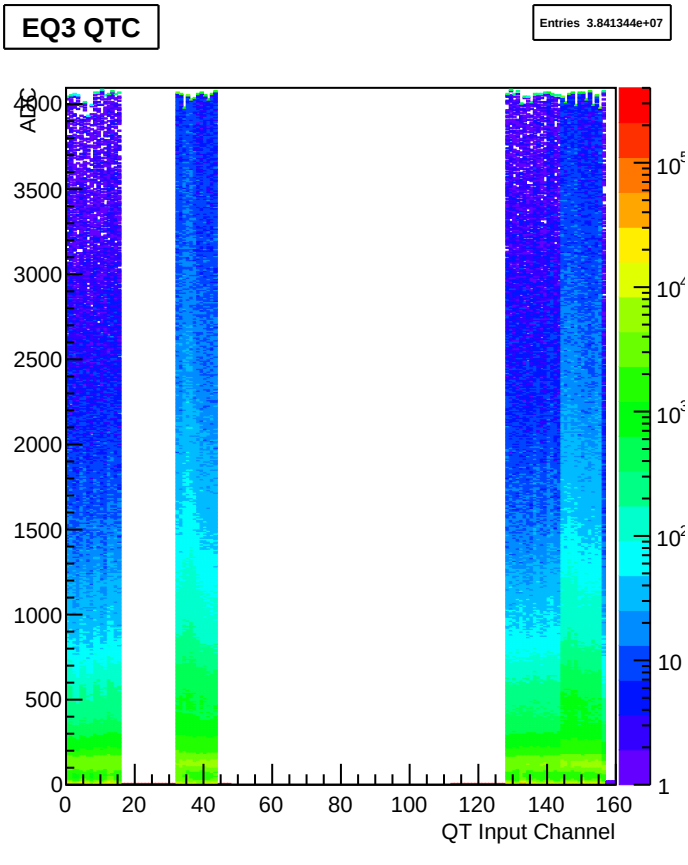

EQ2 QTB
Entries 3.993767e+07
TDC
QT Input Channel

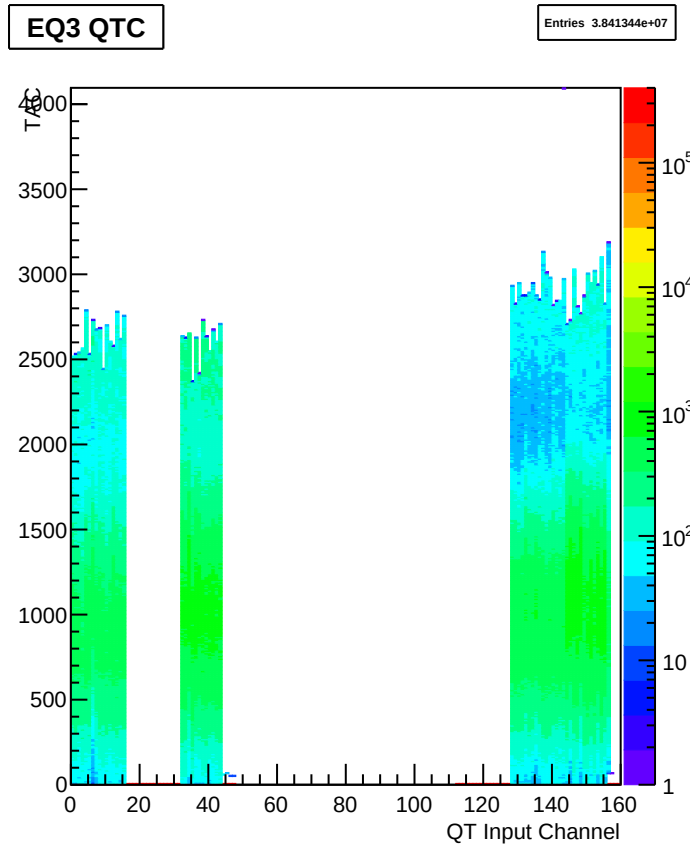

EQ2 QTC
Entries 3.841344e+07
ADC
QT Input Channel

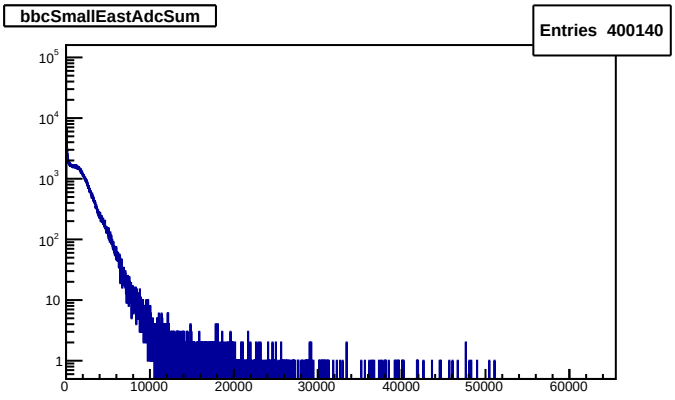

EQ2 QTC
Entries 3.841344e+07
TADC
QT Input Channel

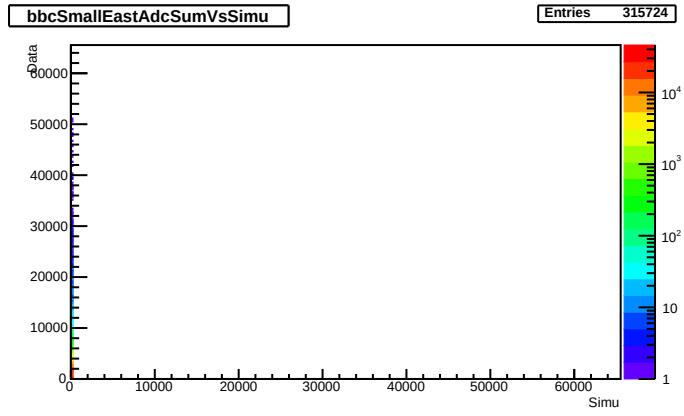

EQ3 QTB
Entries 1.024358e+08
ADC
QT Input Channel

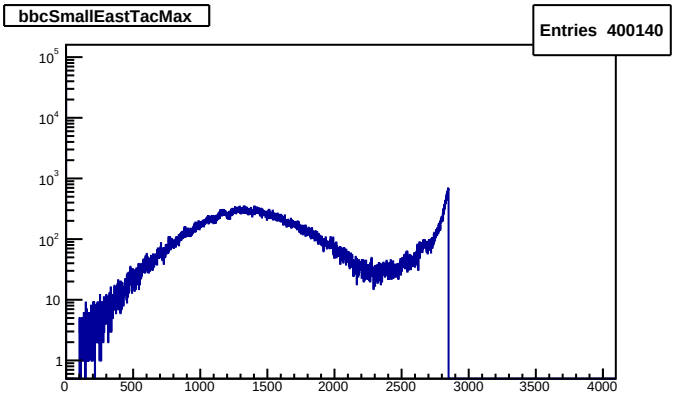

EQ3 QTB
Entries 3.230694e+07
TDC
QT Input Channel

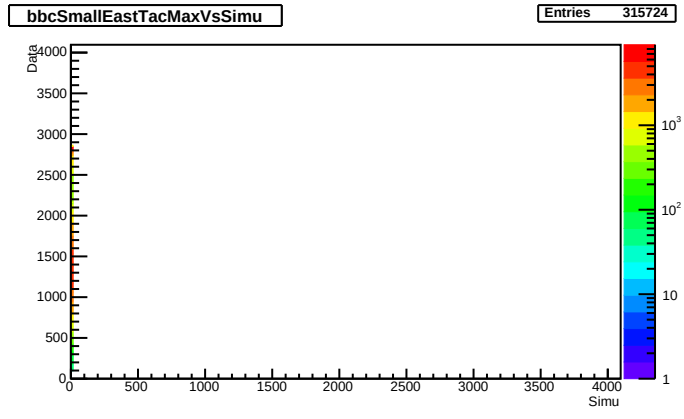

EQ3 QTC
Entries 3.841344e+07
ADC
QT Input Channel

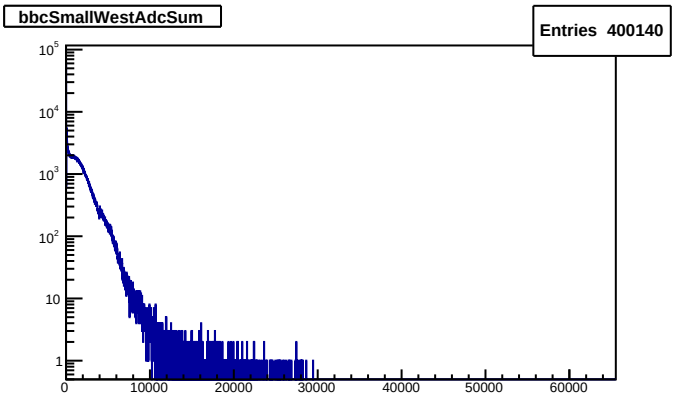

EQ3 QTC
Entries 3.841344e+07
TADC
QT Input Channel

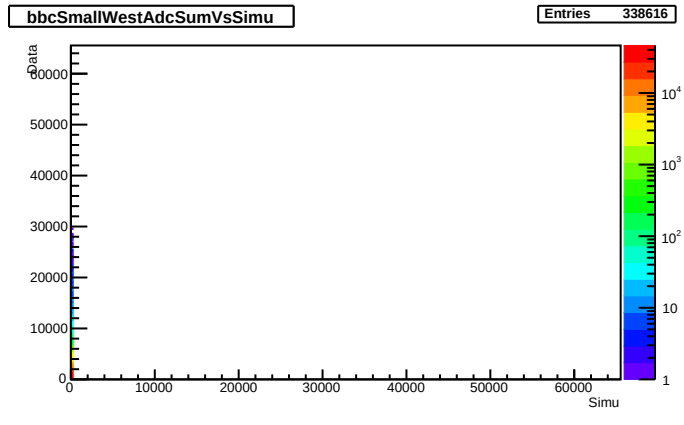

bbcSmallEastAdcSum
Entries 400140

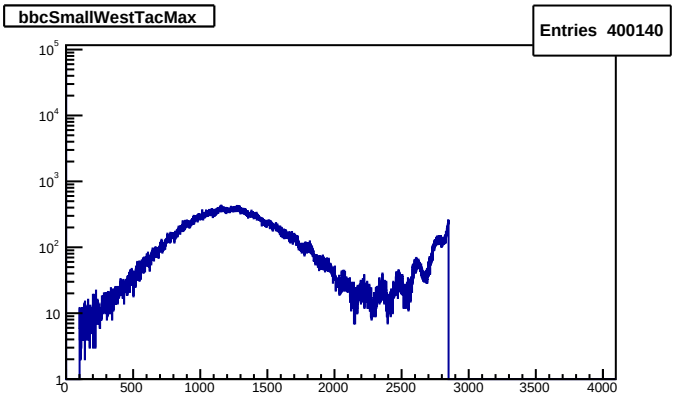

bbcSmallEastAdcSumVsSimu
Entries 315724
Data
Simu


bbcSmallEastTacMax
Entries 400140


bbcSmallEastTacMaxVsSimu
Entries 315724
Data
Simu


bbcSmallWestAdcSum
Entries 400140


bbcSmallWestAdcSumVsSimu
Entries 338616
Data
Simu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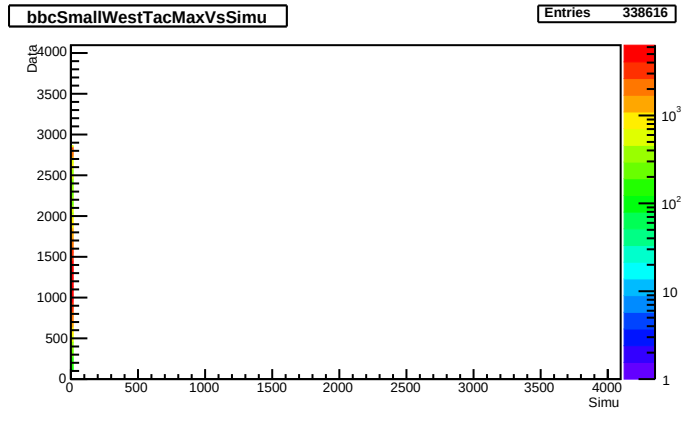
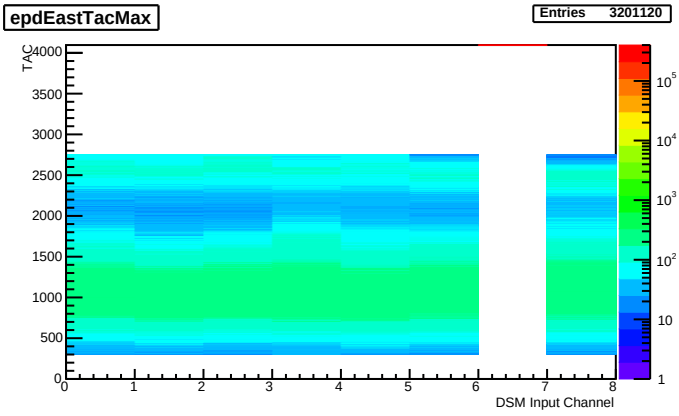
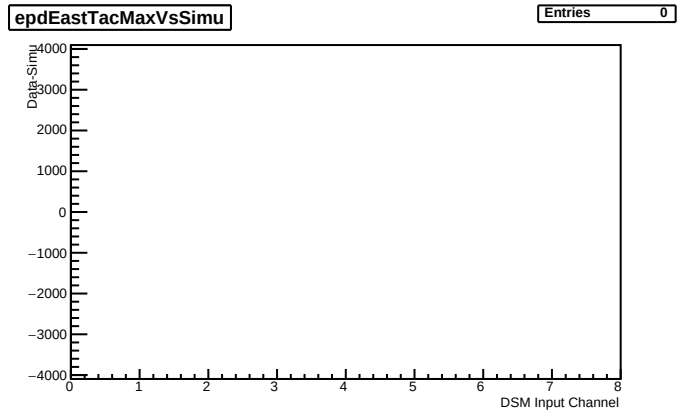
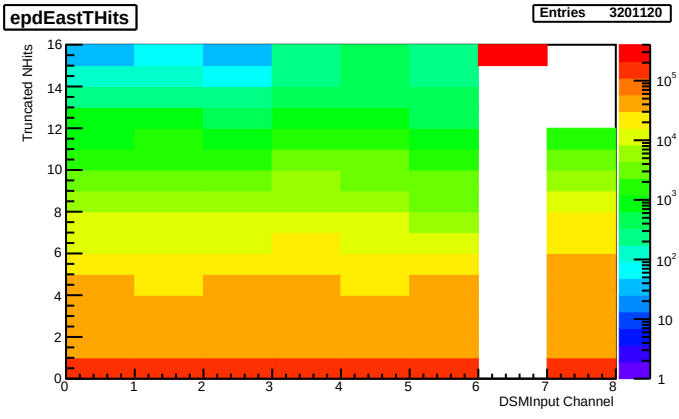
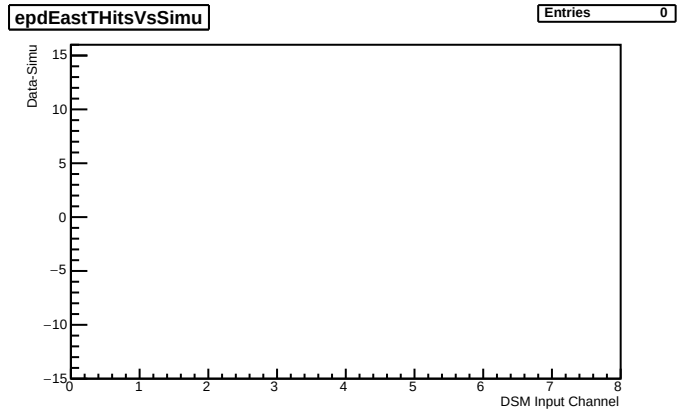
Entries 400140


bbcSmallWestTacMaxVsSimu
Entries 338616
Data
Simu


epdEastTacMax
Entries 3201120
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3201120
Truncated NHits
DSMInput Channel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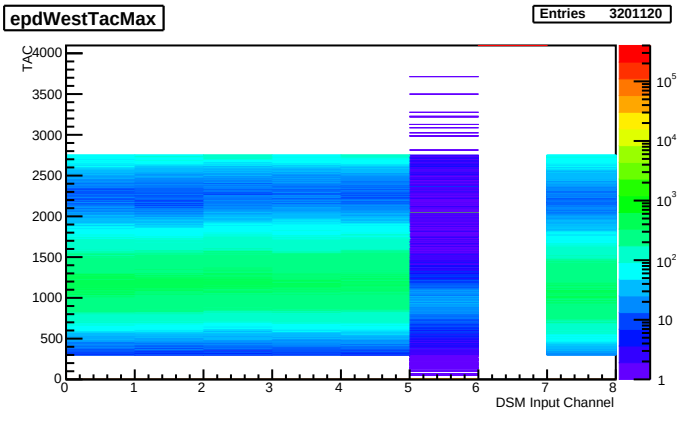
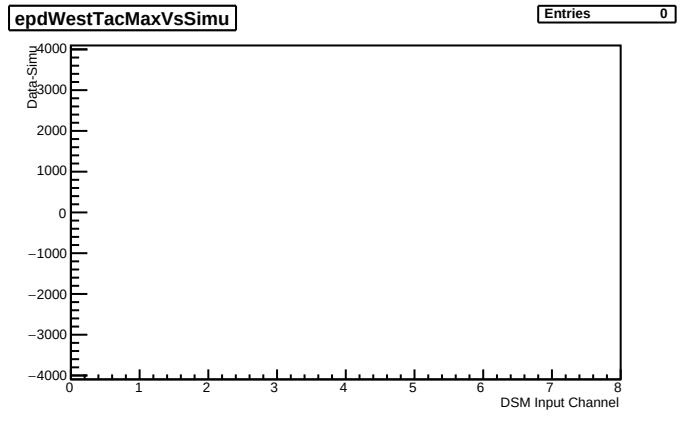
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3201120
TAC
DSM Input Channel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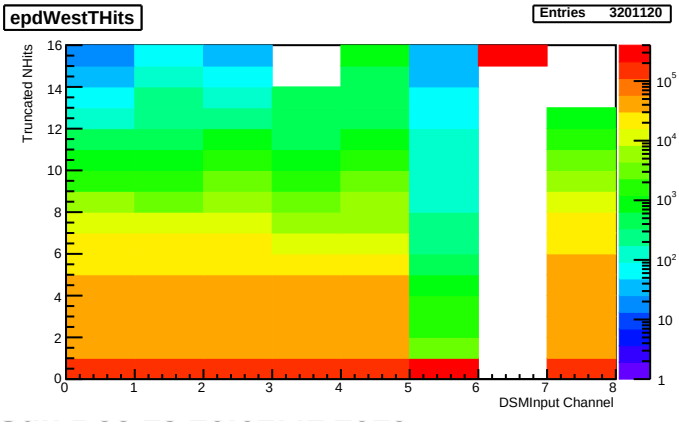
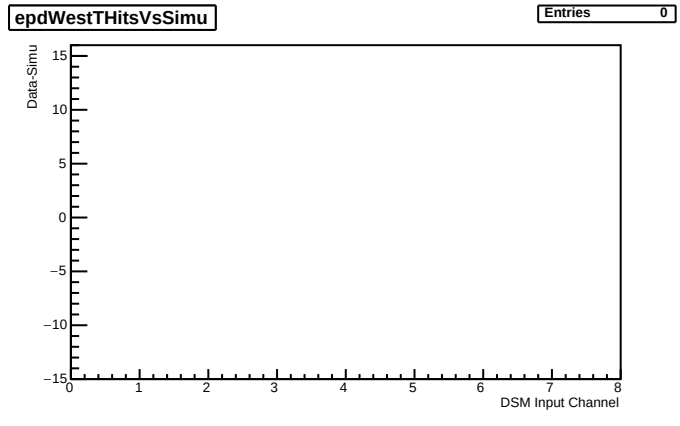
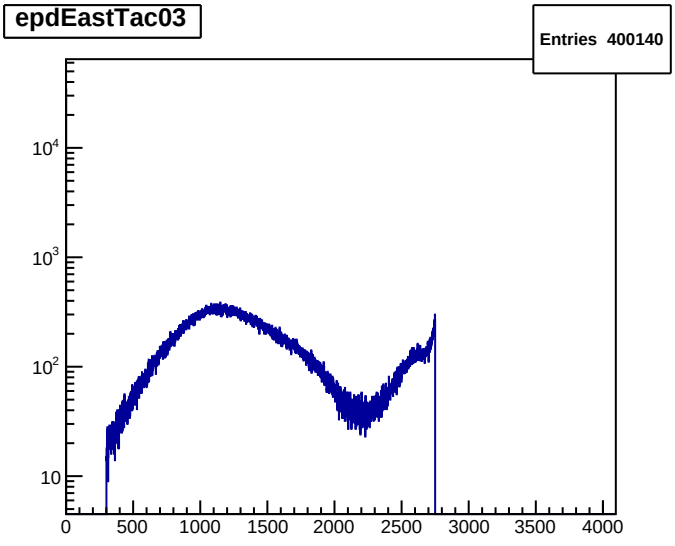
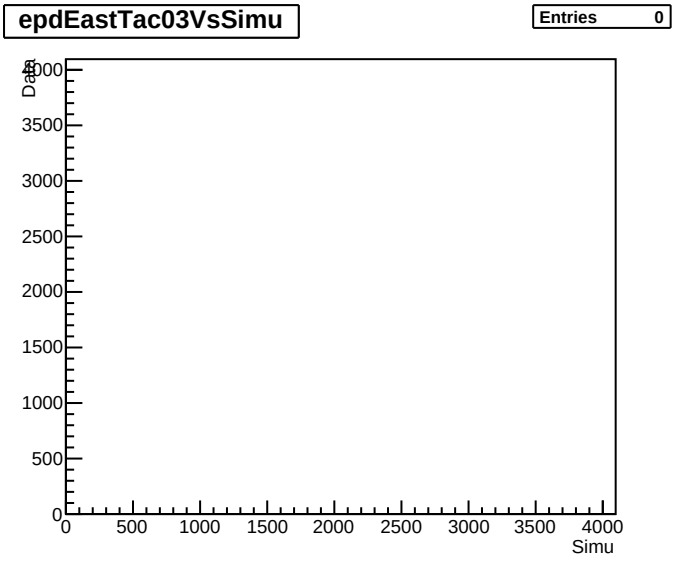
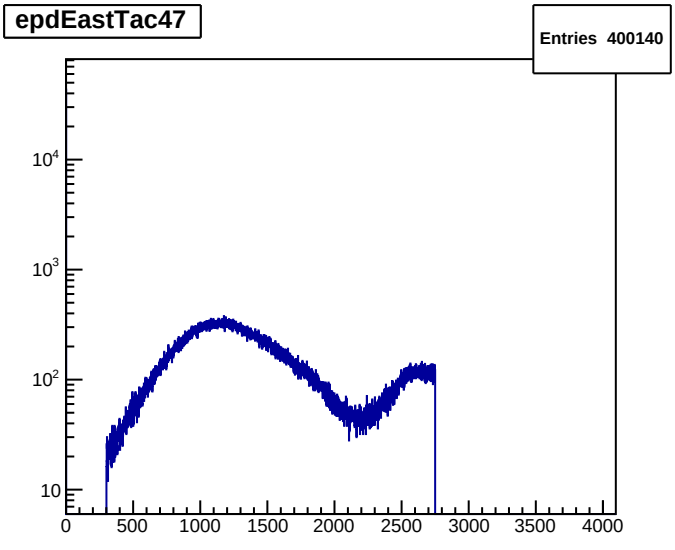
Entries 0
Data-Simu
DSM Input Channel

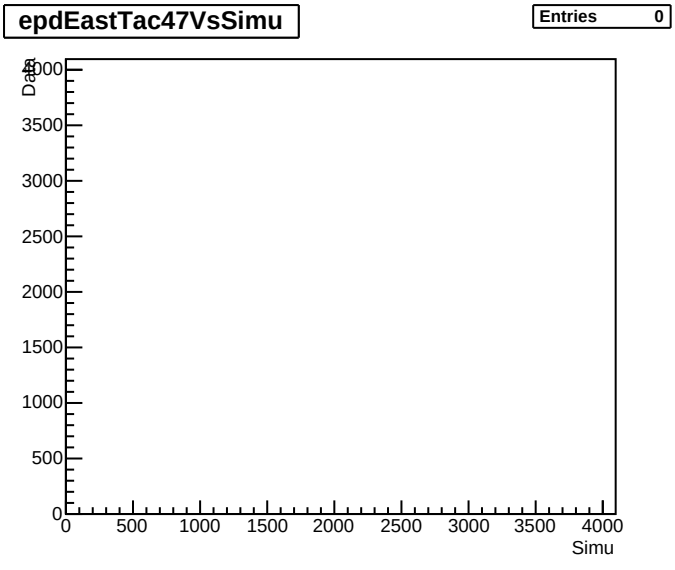

epdWestTHits
Entries 3201120
Truncated NHits
DSMInput Channel

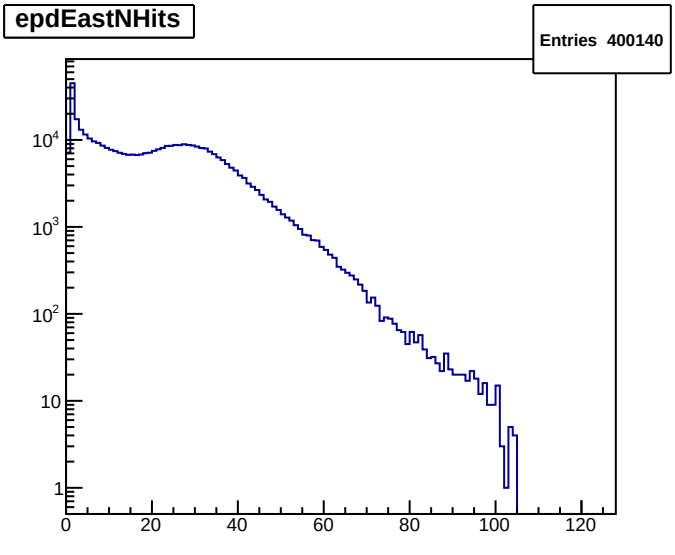

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

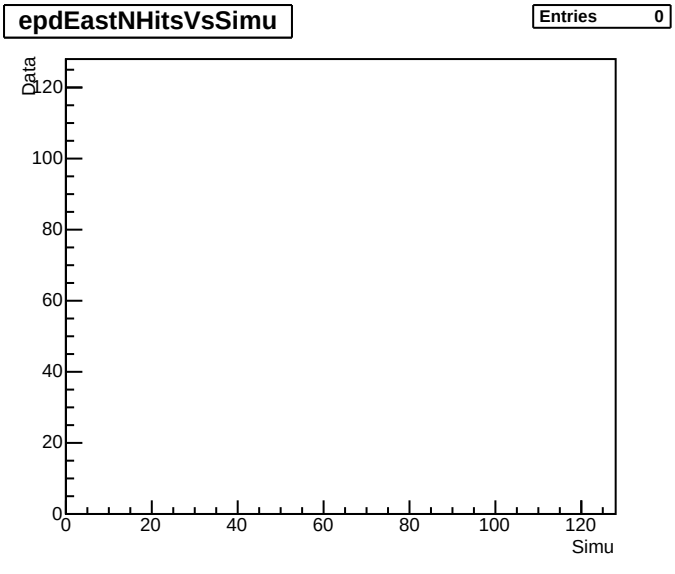

epdEastTac03
Entries 400140


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 400140


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 400140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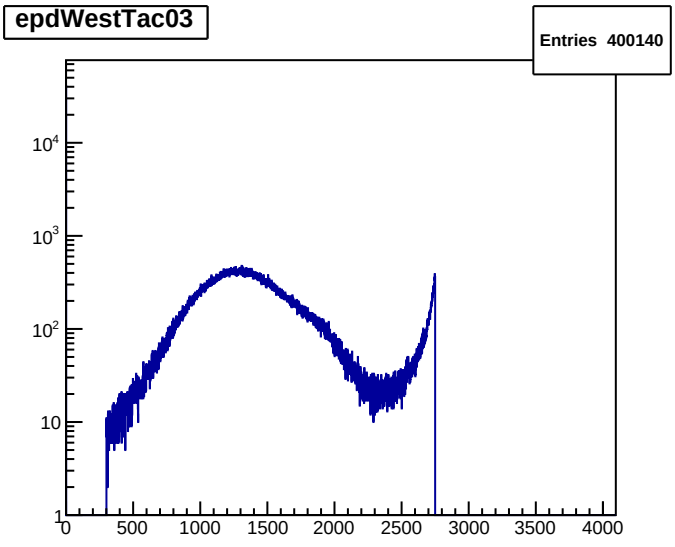
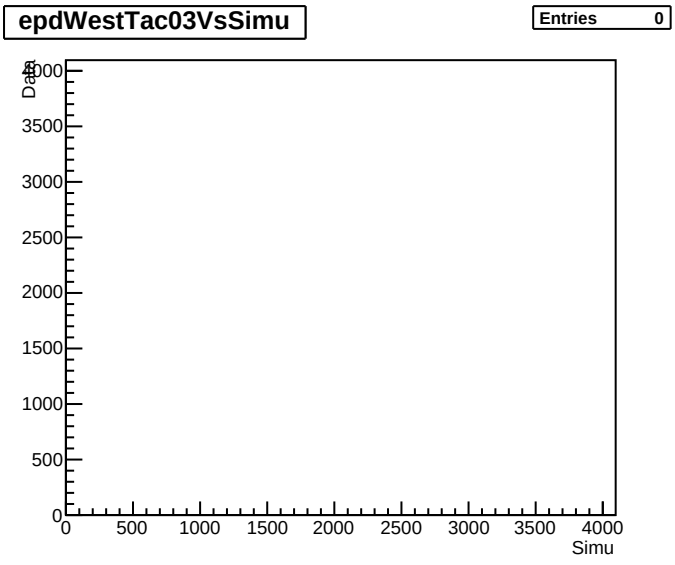
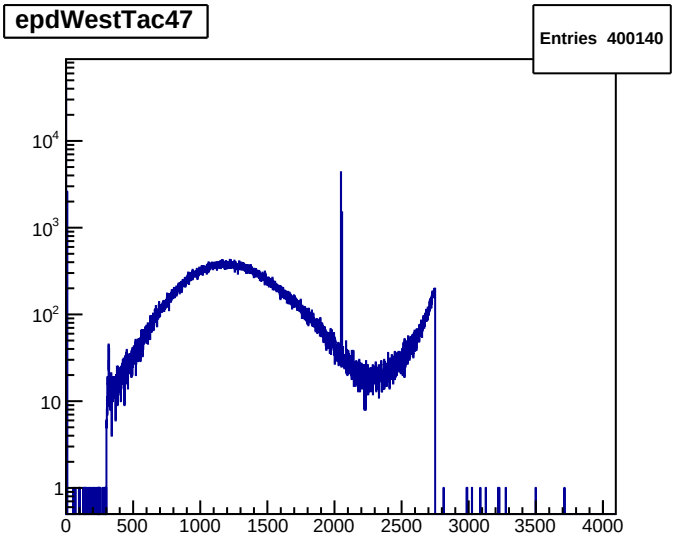
Entries 0
Data
Simu


epdWestTac03
Entries 400140


epdWestTac03VsSimu
Entries 0
Data
Simu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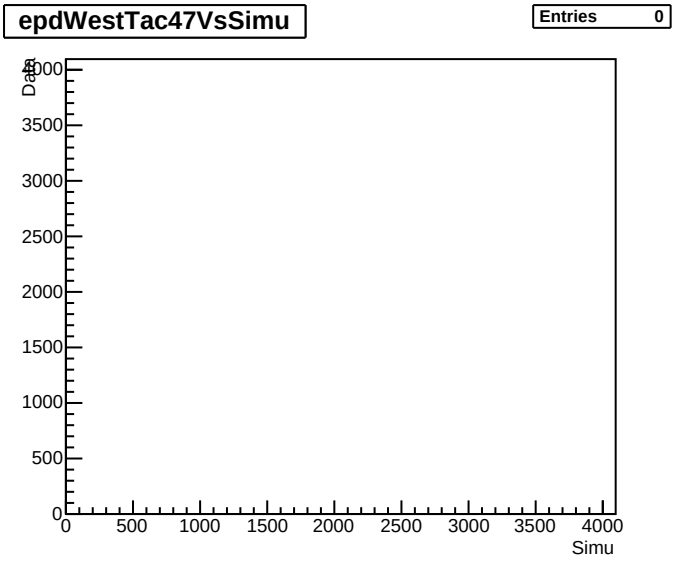
Entries 400140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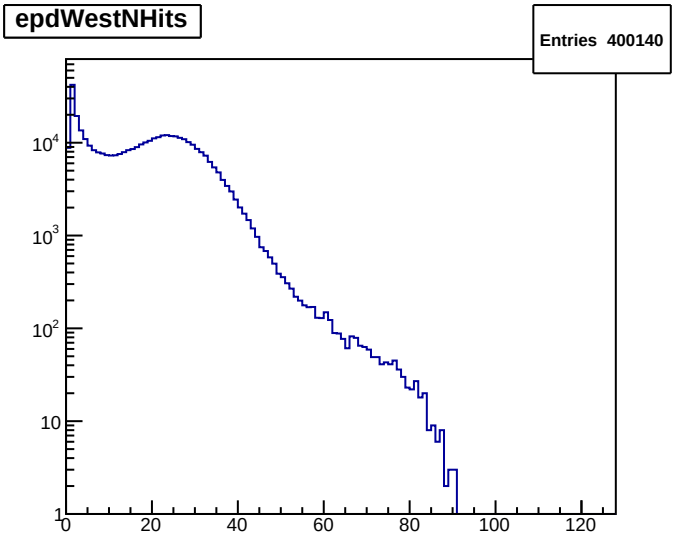
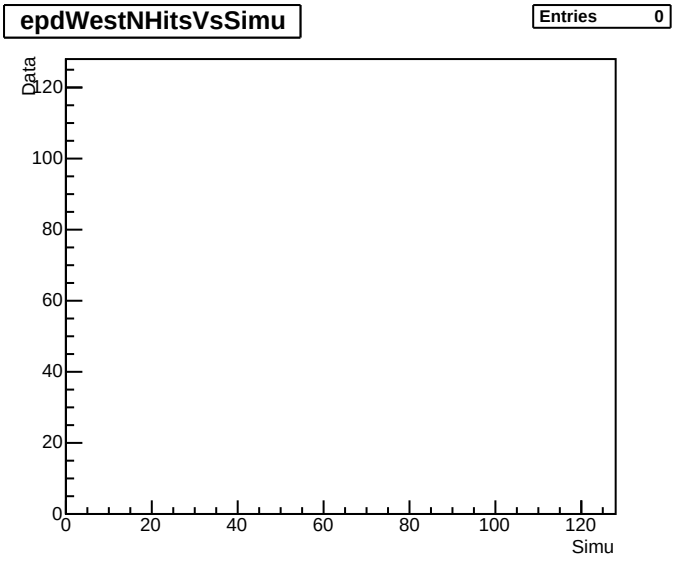
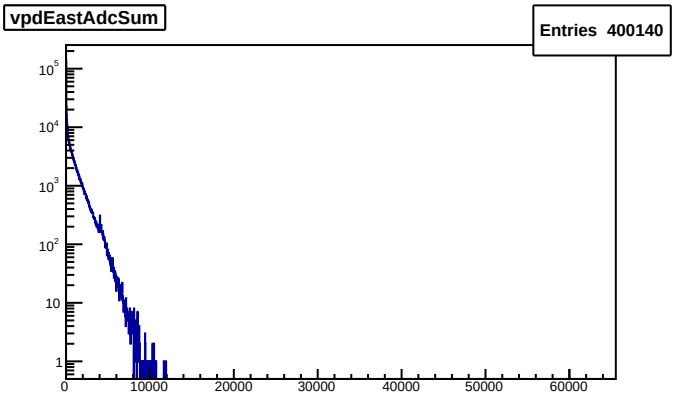
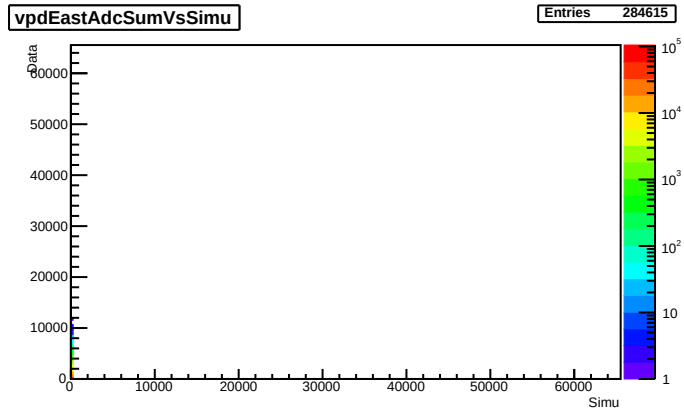
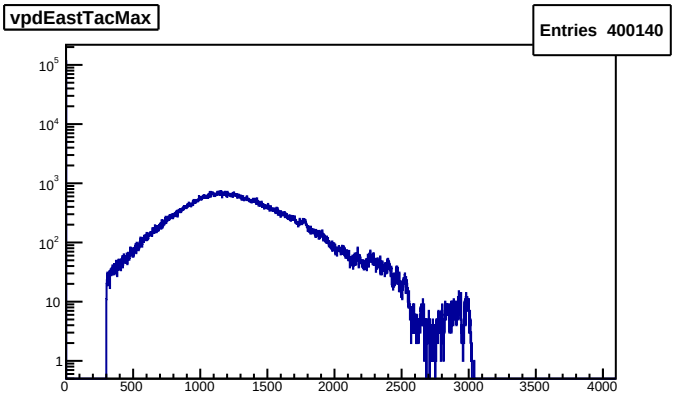
Entries 0
Data
Simu

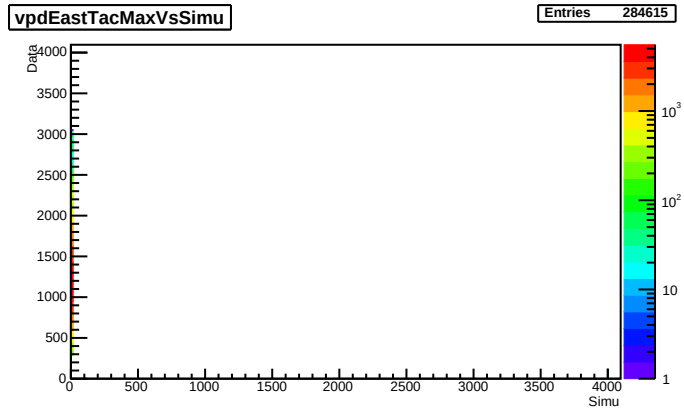

epdWestNHits
Entries 400140

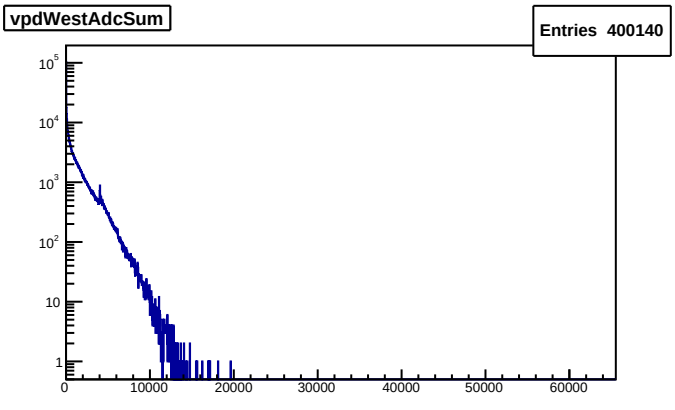

epdWestNHitsVsSimu
Entries 0
Data
Simu

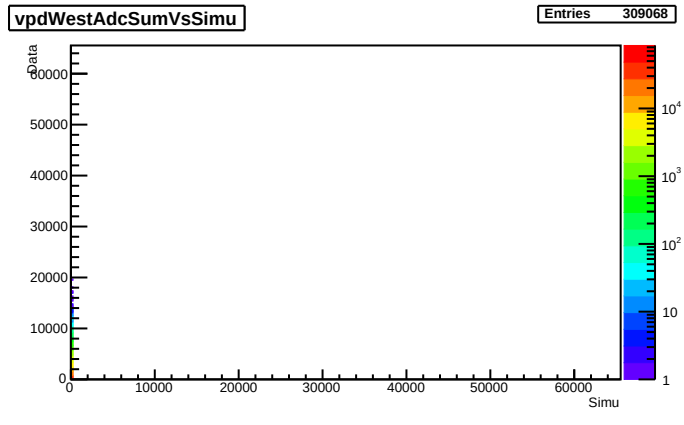

vpdEastAdcSum
Entries 400140

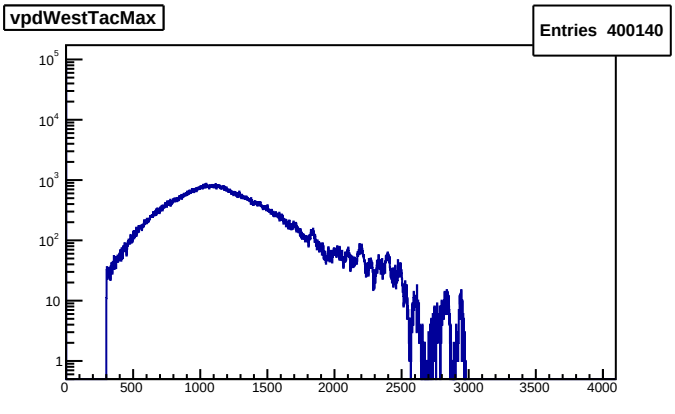

vpdEastAdcSumVsSimu
Entries 284615
Data
Simu

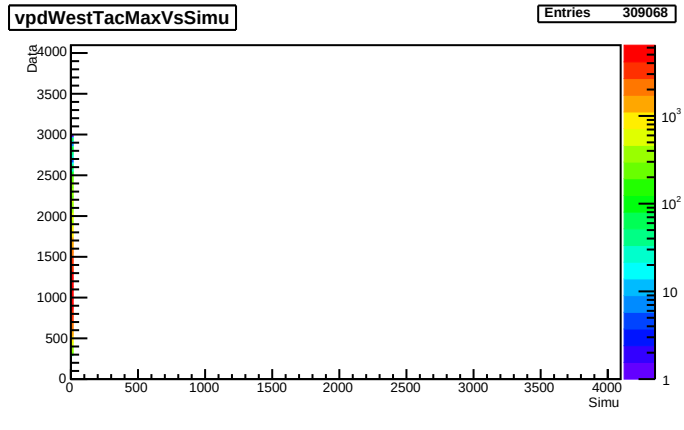

vpdEastTacMax
Entries 400140

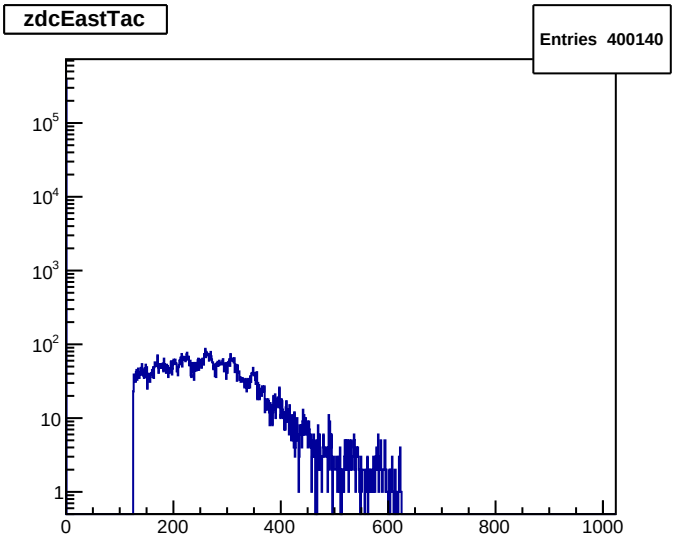

vpdEastTacMaxVsSimu
Entries 284615
Data
Simu

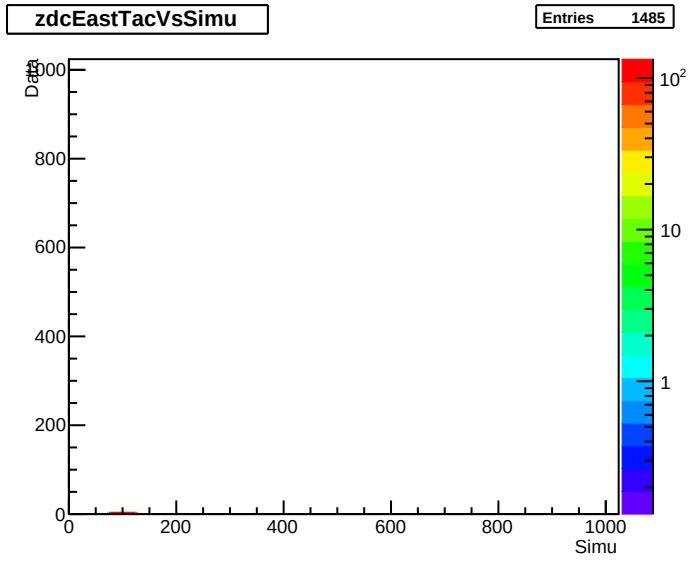

vpdWestAdcSum
Entries 400140

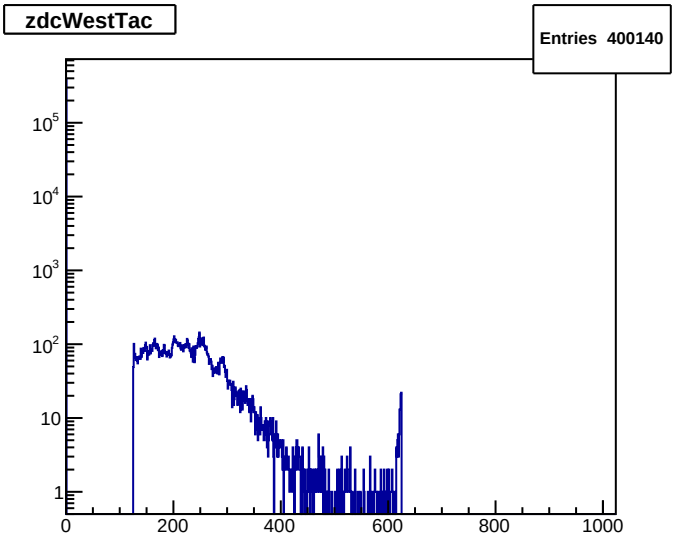

vpdWestAdcSumVsSimu
Entries 309068
Data
Simu

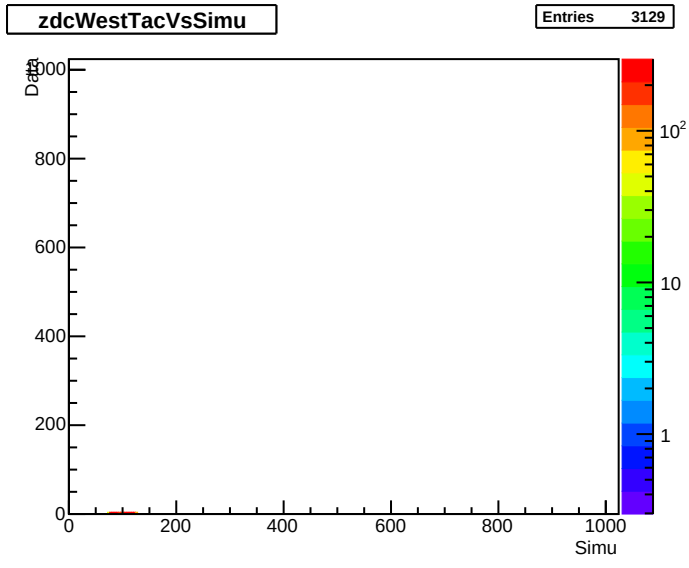

vpdWestTacMax
Entries 400140

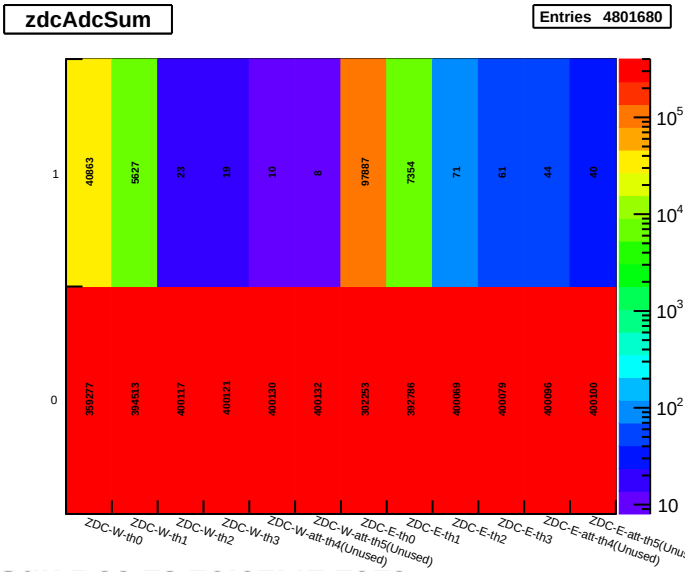

vpdWestTacMaxVsSimu
Entries 309068
Data
Simu

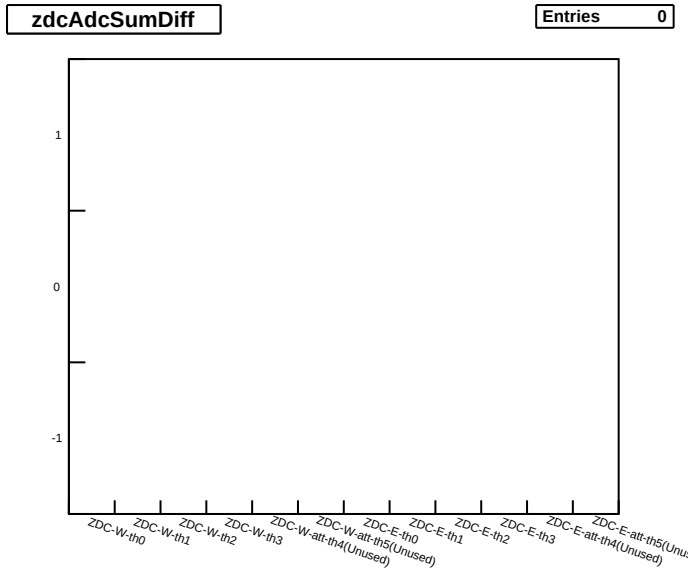

zdcEastTac
Entries 400140

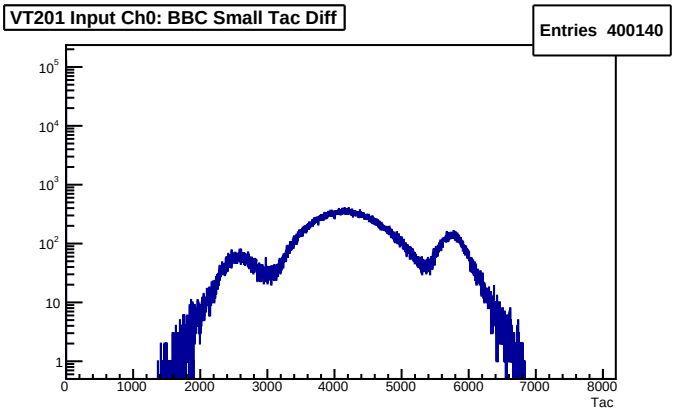

zdcEastTacVsSimu
Entries 1485
Data
Simu

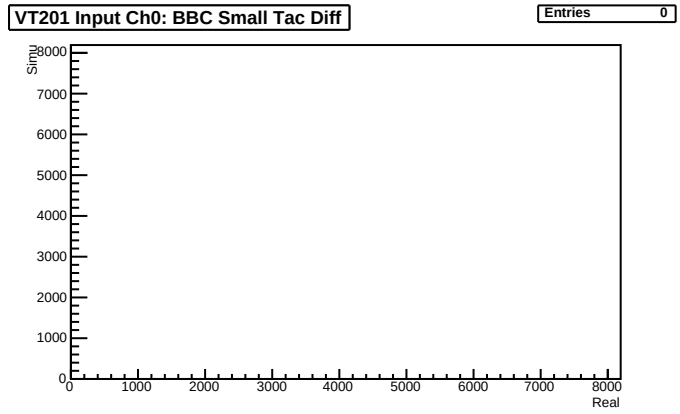

zdcWestTac
Entries 400140

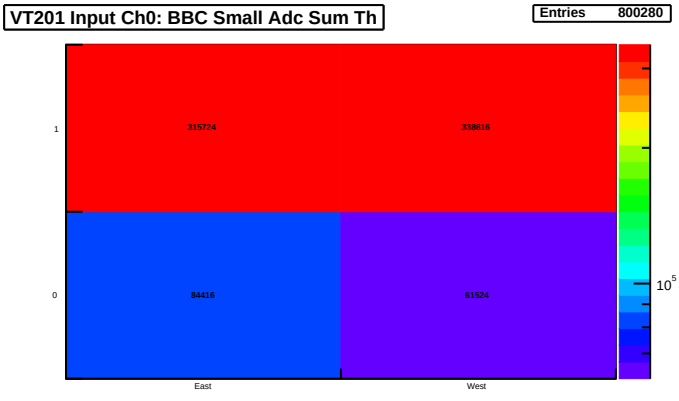

zdcWestTacVsSimu
Entries 3129
Data
Simu

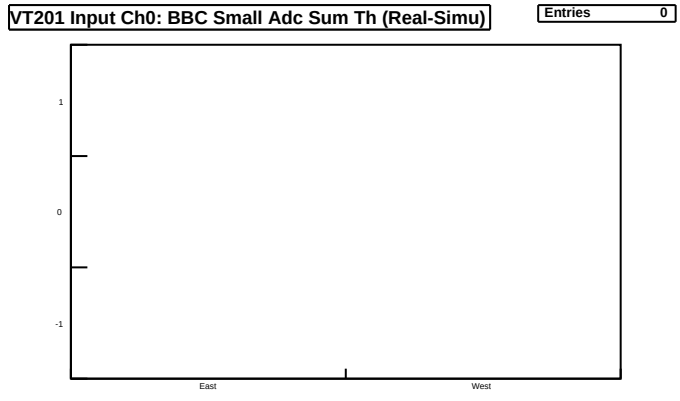

zdcAdcSum
Entries 4801680
40863
5627
23
19
10
8
97887
7354
71
61
44
40
359277
394513
400117
400121
400130
400132
302253
392786
400069
400079
400096
400100
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

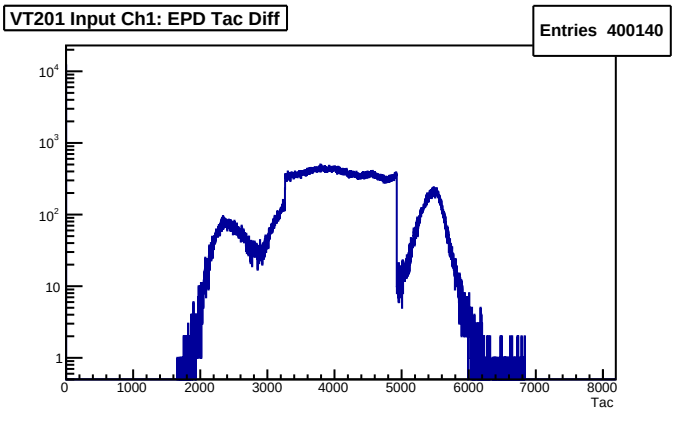

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

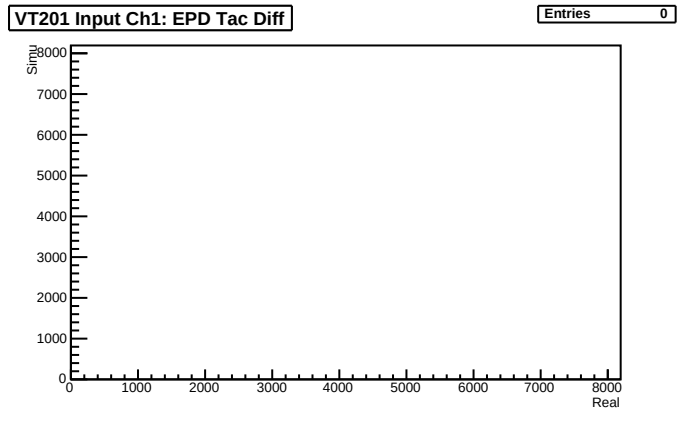

VT201 Input Ch0: BBC Small Tac Diff
Entries 400140
Tac

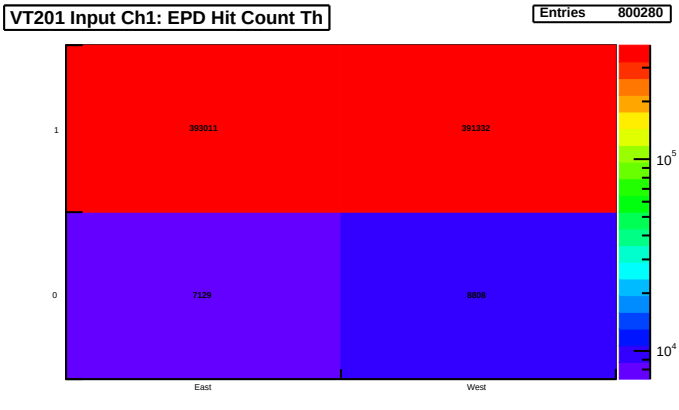

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

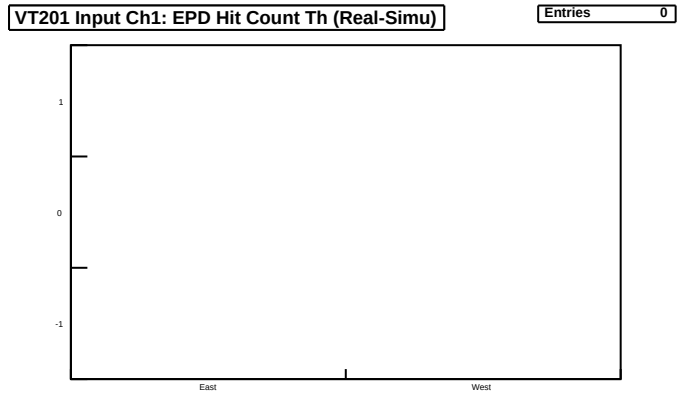

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 800280
315724
338616
84416
61524
East
West

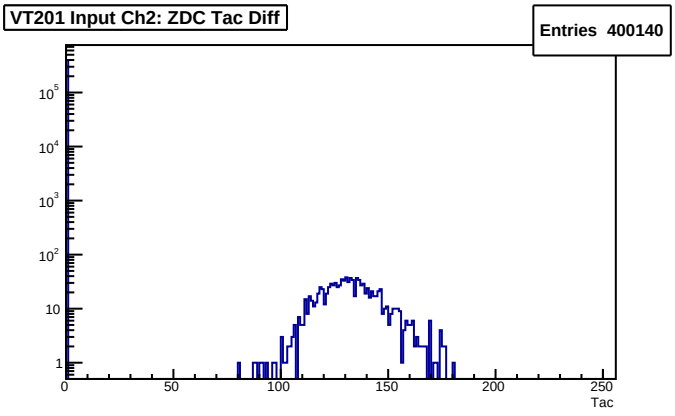

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

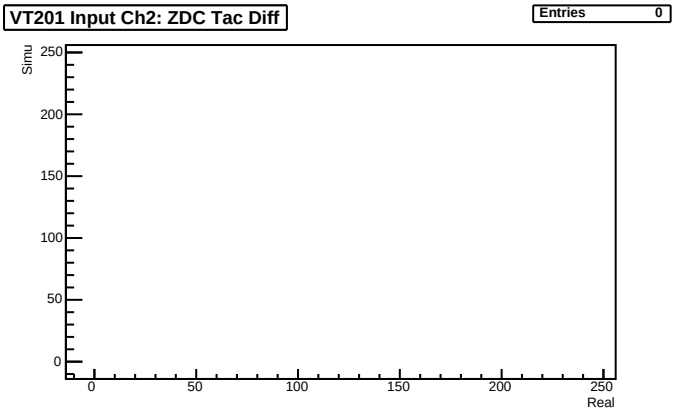

VT201 Input Ch1: EPD Tac Diff
Entries 400140
Tac

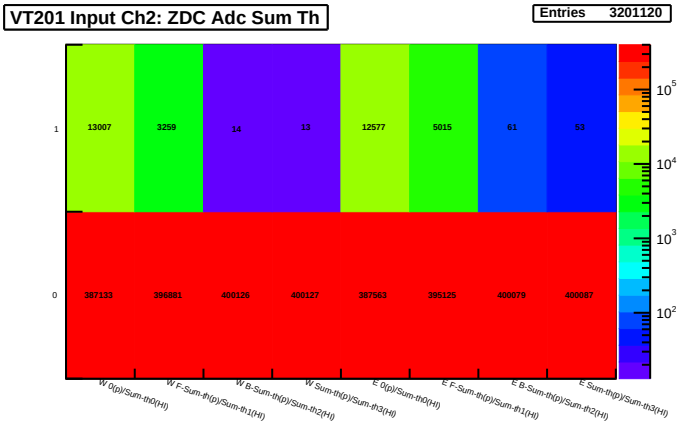

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

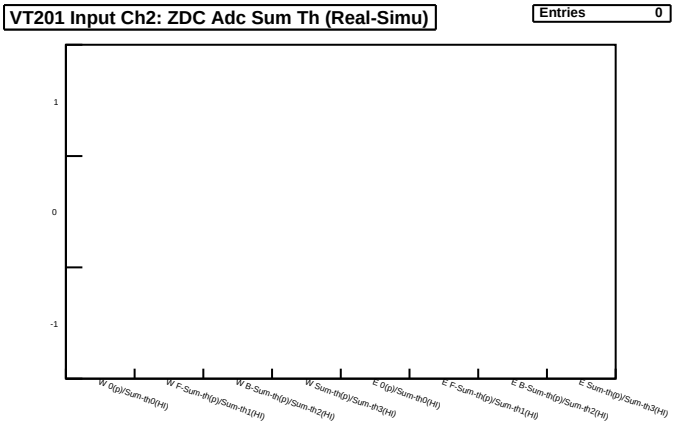

VT201 Input Ch1: EPD Hit Count Th
Entries 800280
393011
391332
7129
8808
East
West

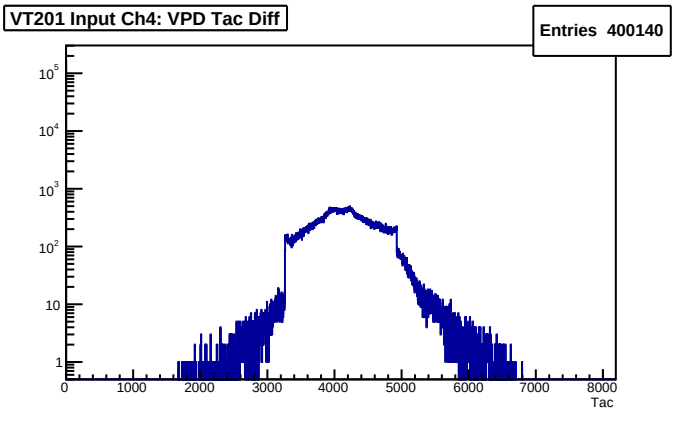

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

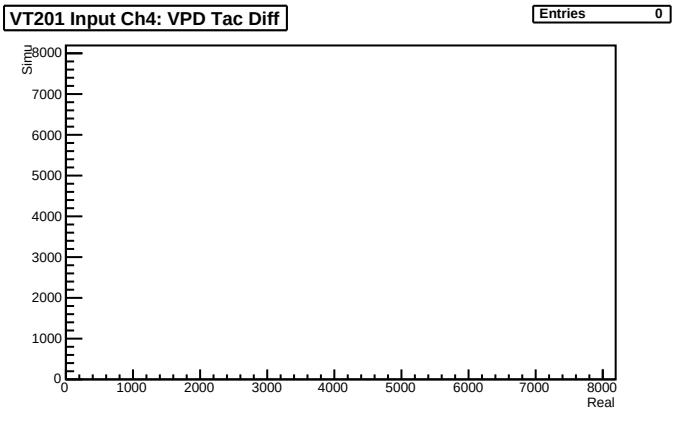

VT201 Input Ch2: ZDC Tac Diff
Entries 400140
Tac

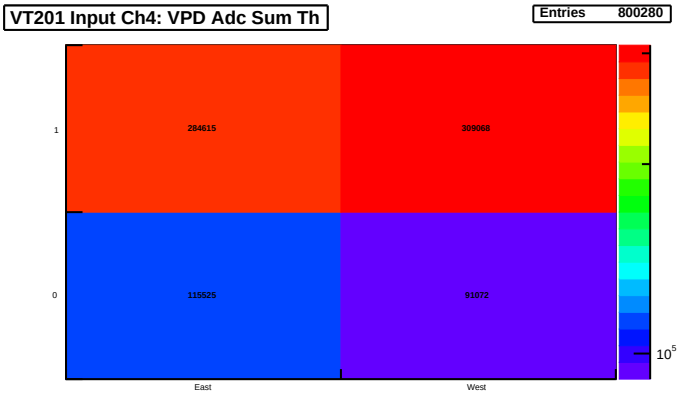

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

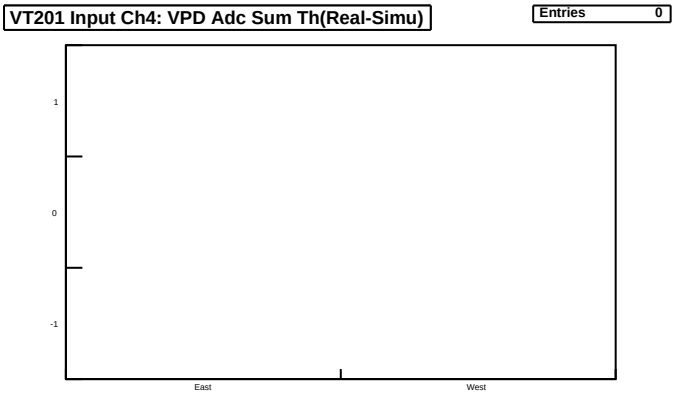

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3201120
13007
3259
14
13
12577
5015
61
53
387133
396881
400126
400127
387563
395125
400079
400087
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

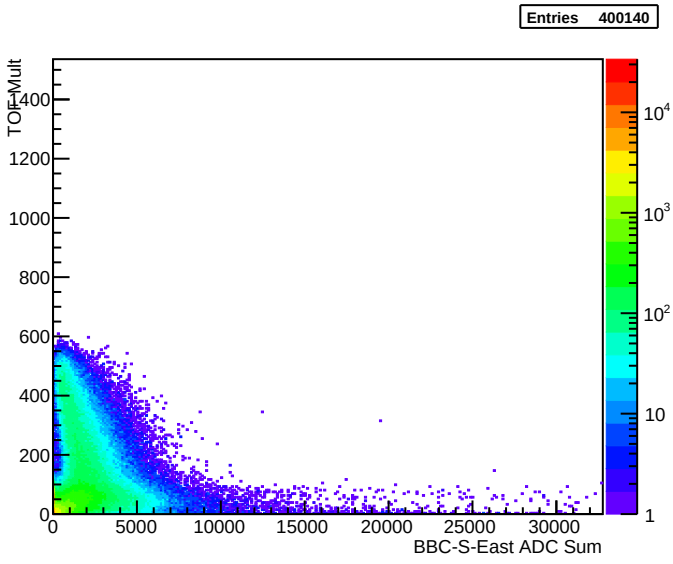

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

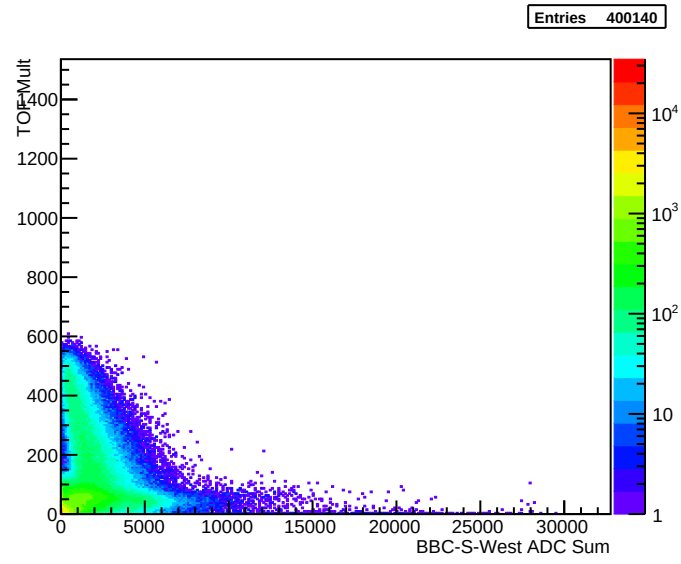

VT201 Input Ch4: VPD Tac Diff
Entries 400140
Tac

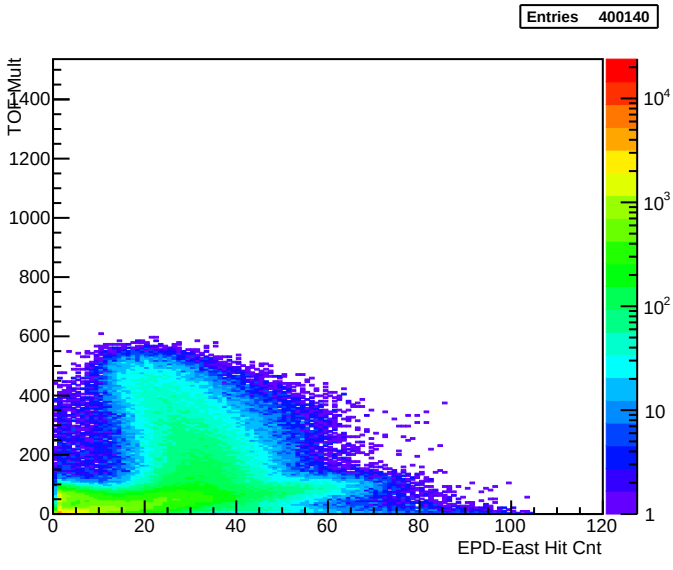

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

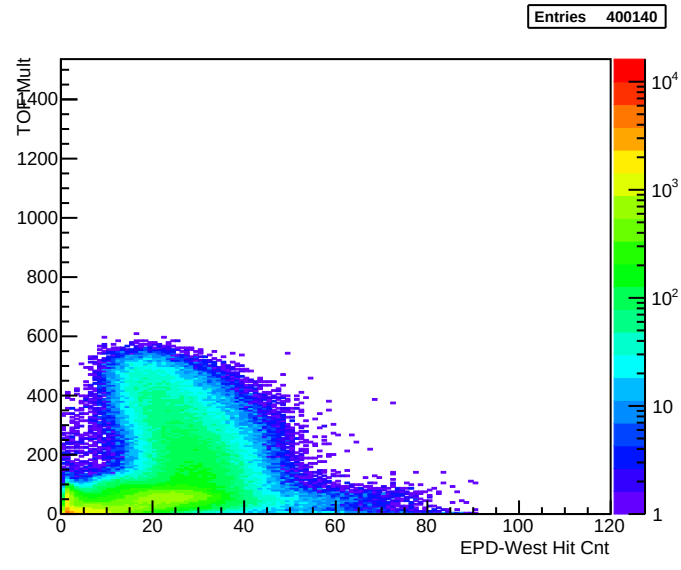

VT201 Input Ch4: VPD Adc Sum Th
Entries 800280
284615
309068
115525
91072
East
West

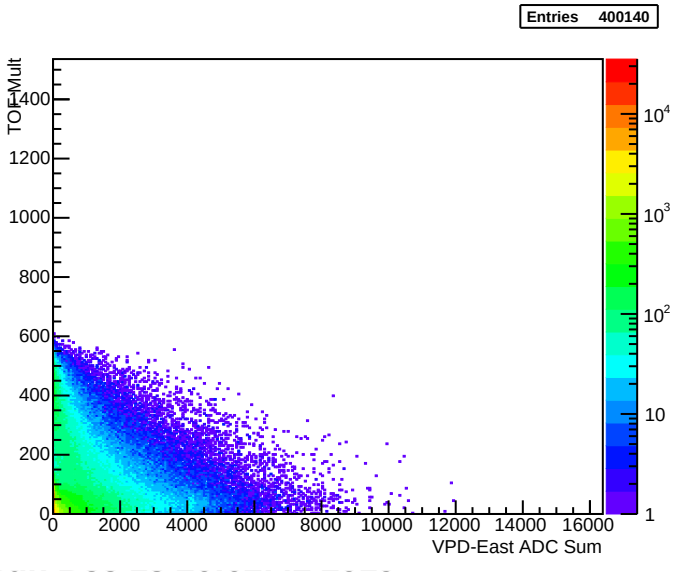

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

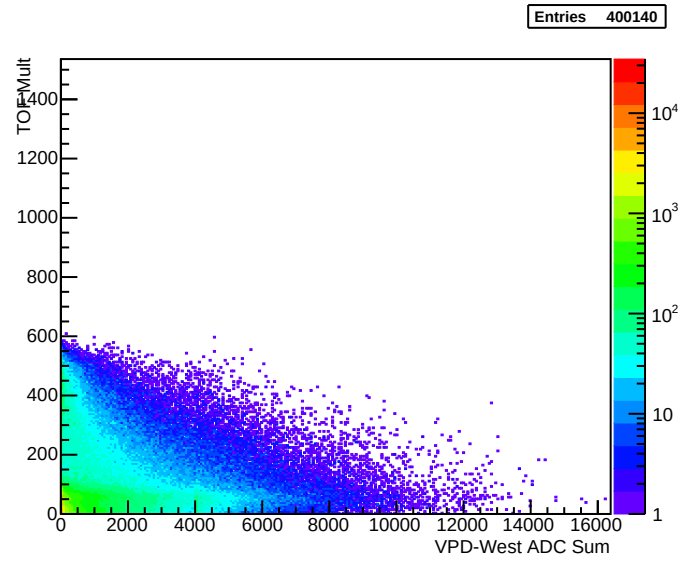

Entries 400140
TOF-Mult
BBC-S-East ADC Sum

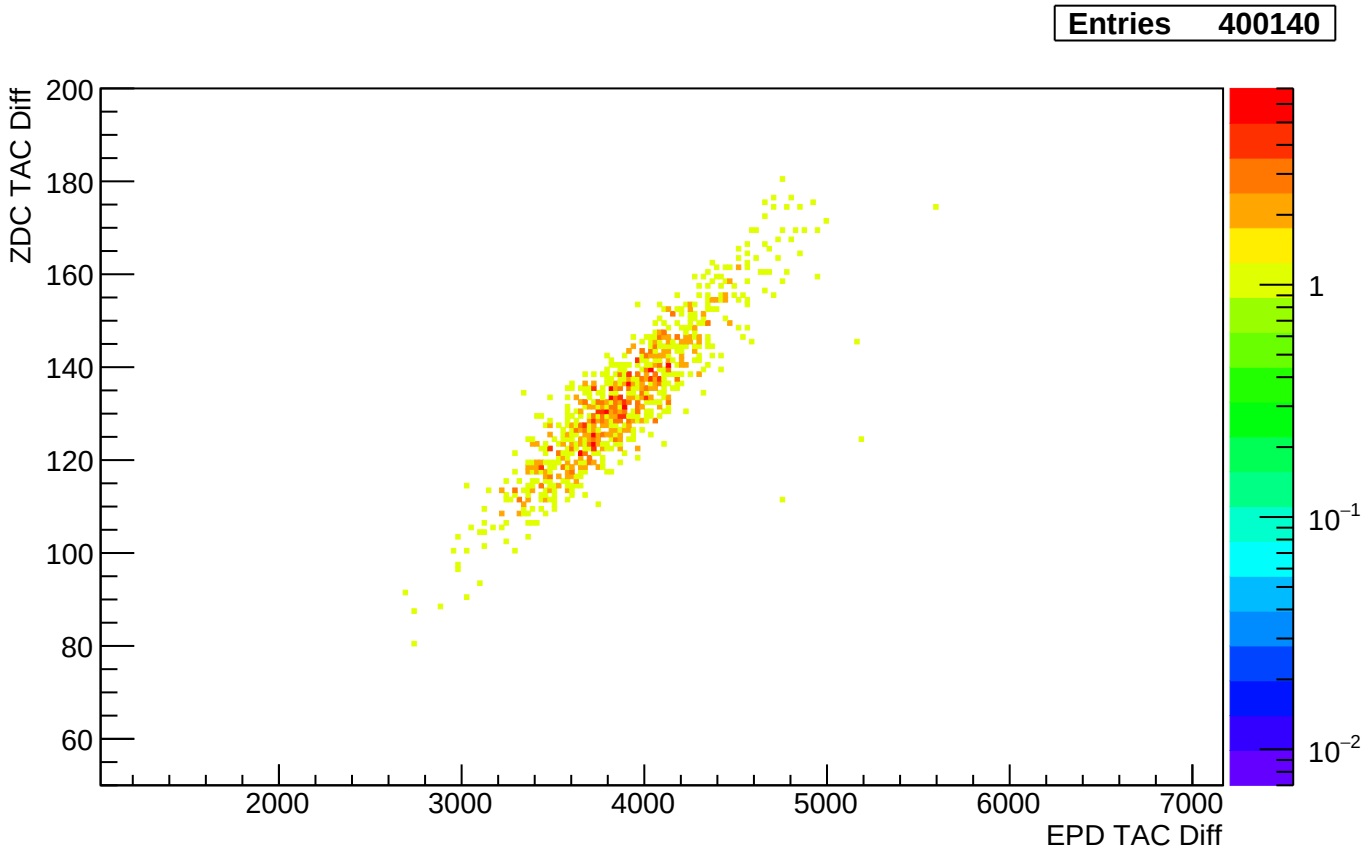

Entries 400140
TOF-Mult
BBC-S-West ADC Sum

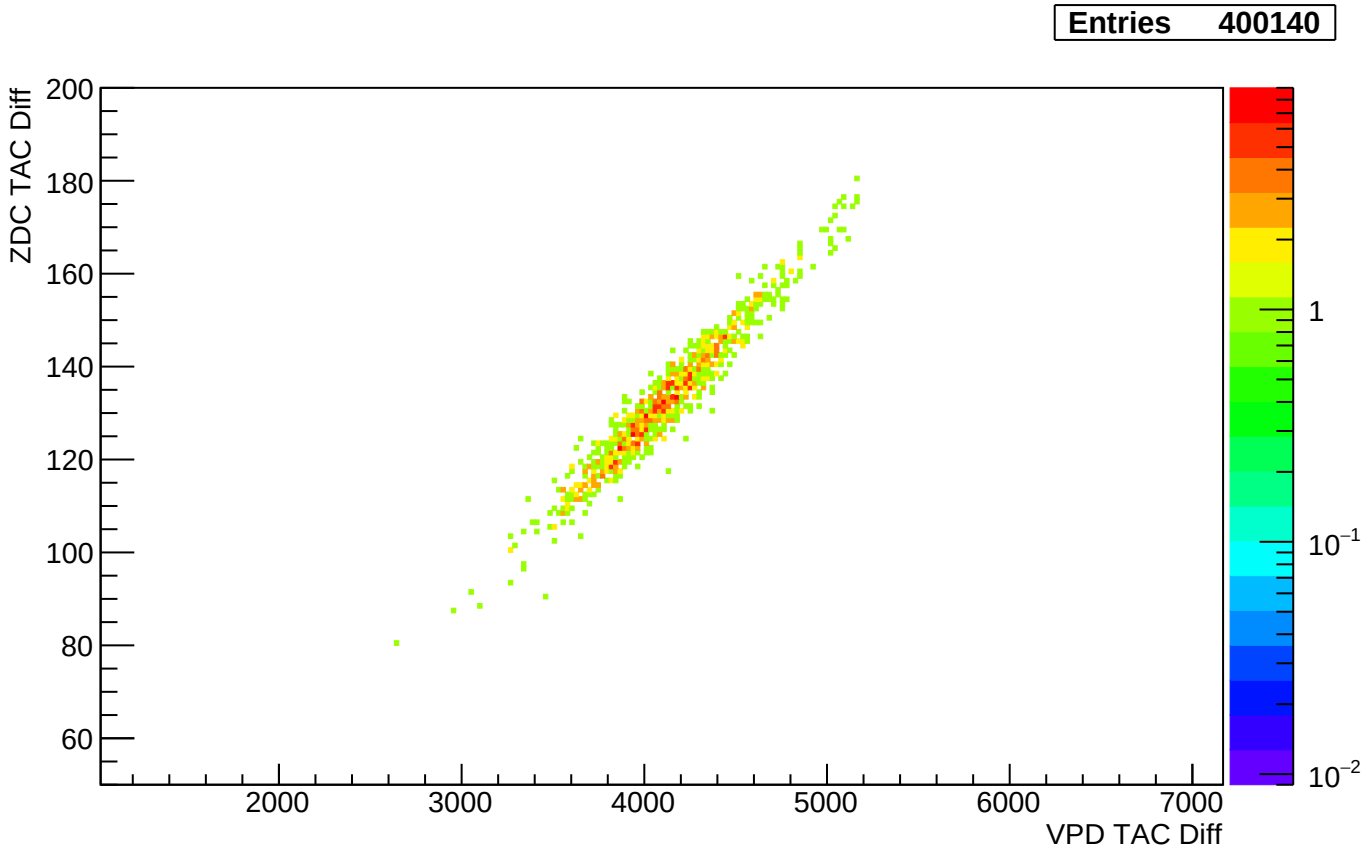

Entries 400140
TOF-Mult
EPD-East Hit Cnt

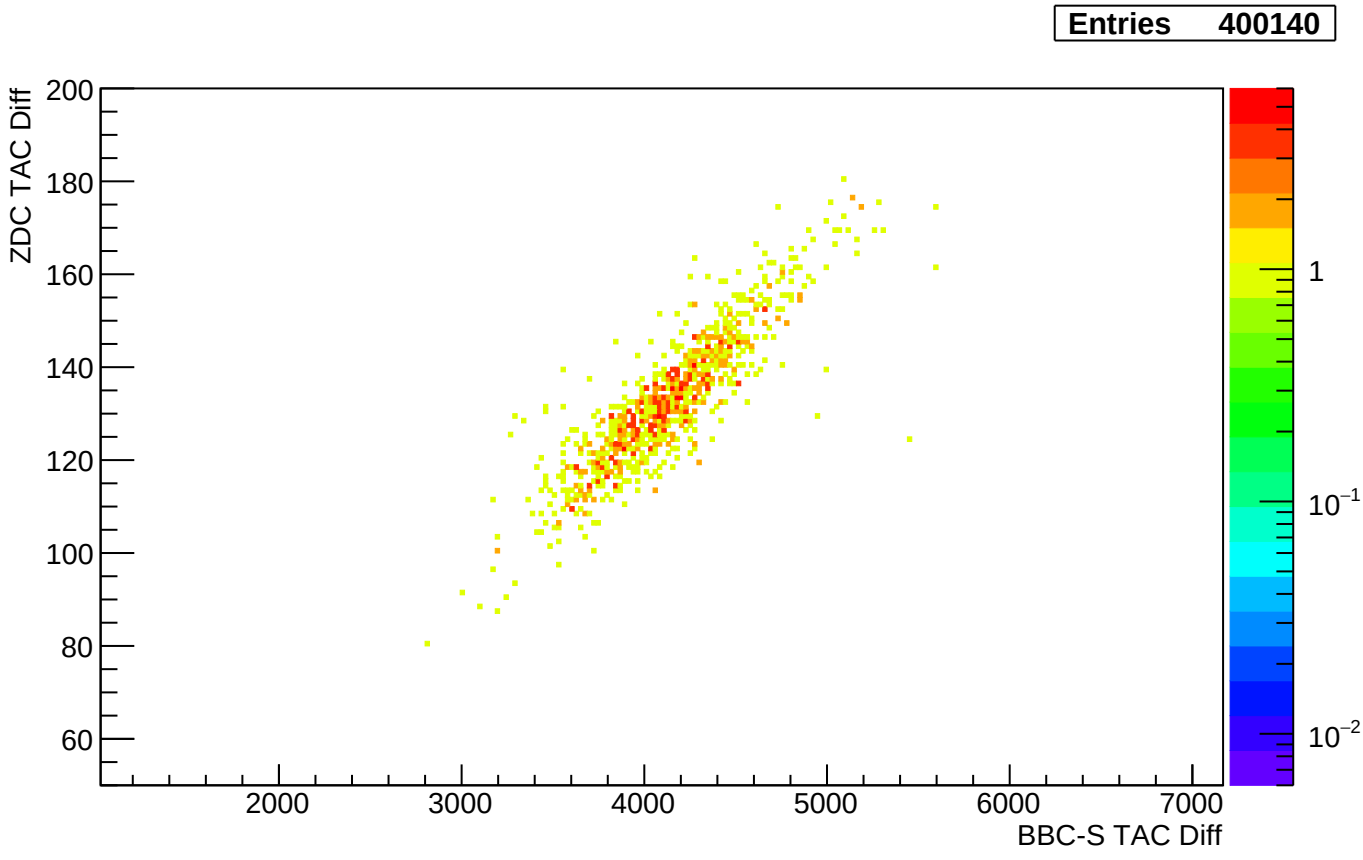

Entries 400140
TOF-Mult
EPD-West Hit Cnt

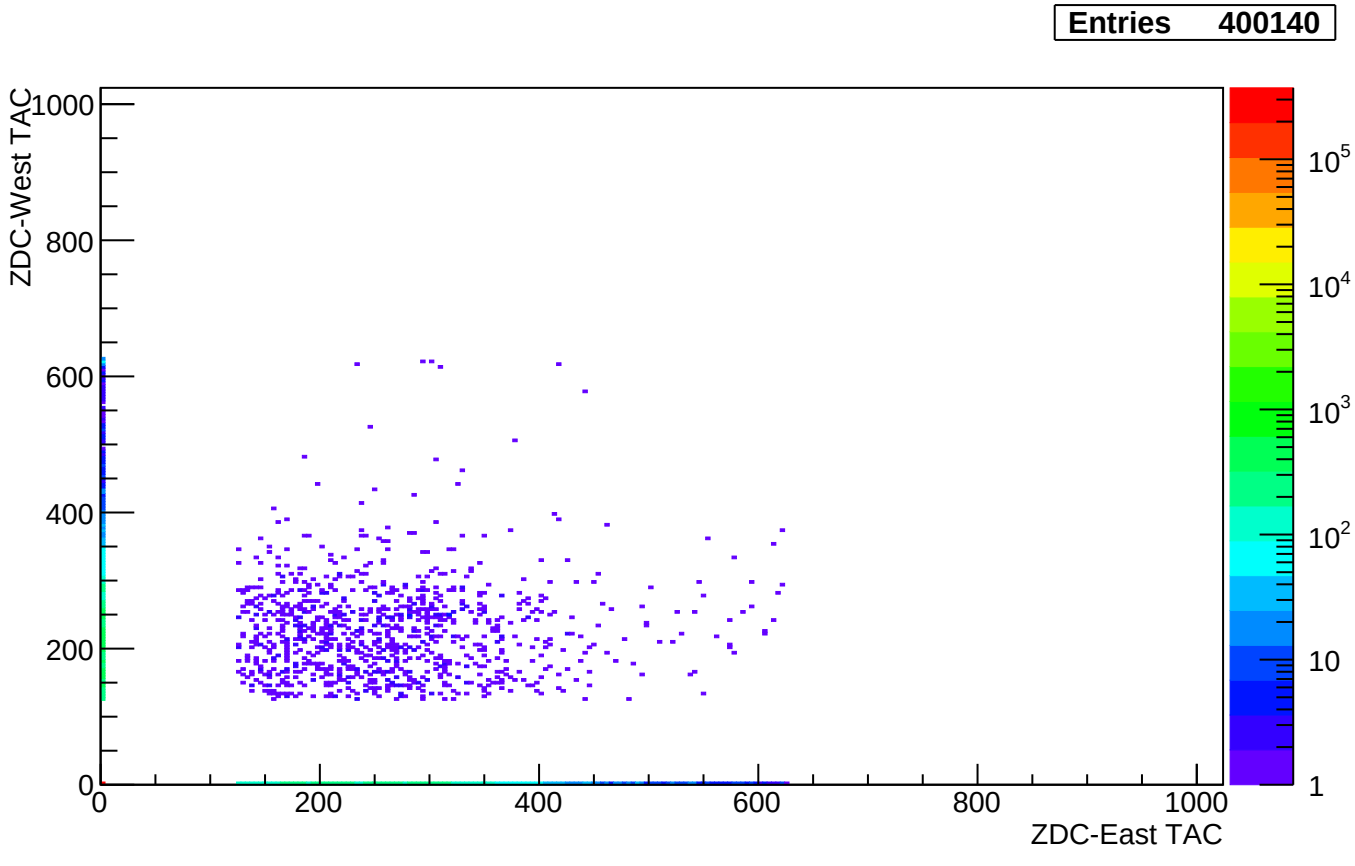

Entries 400140
TOF-Mult
VPD-East ADC Sum

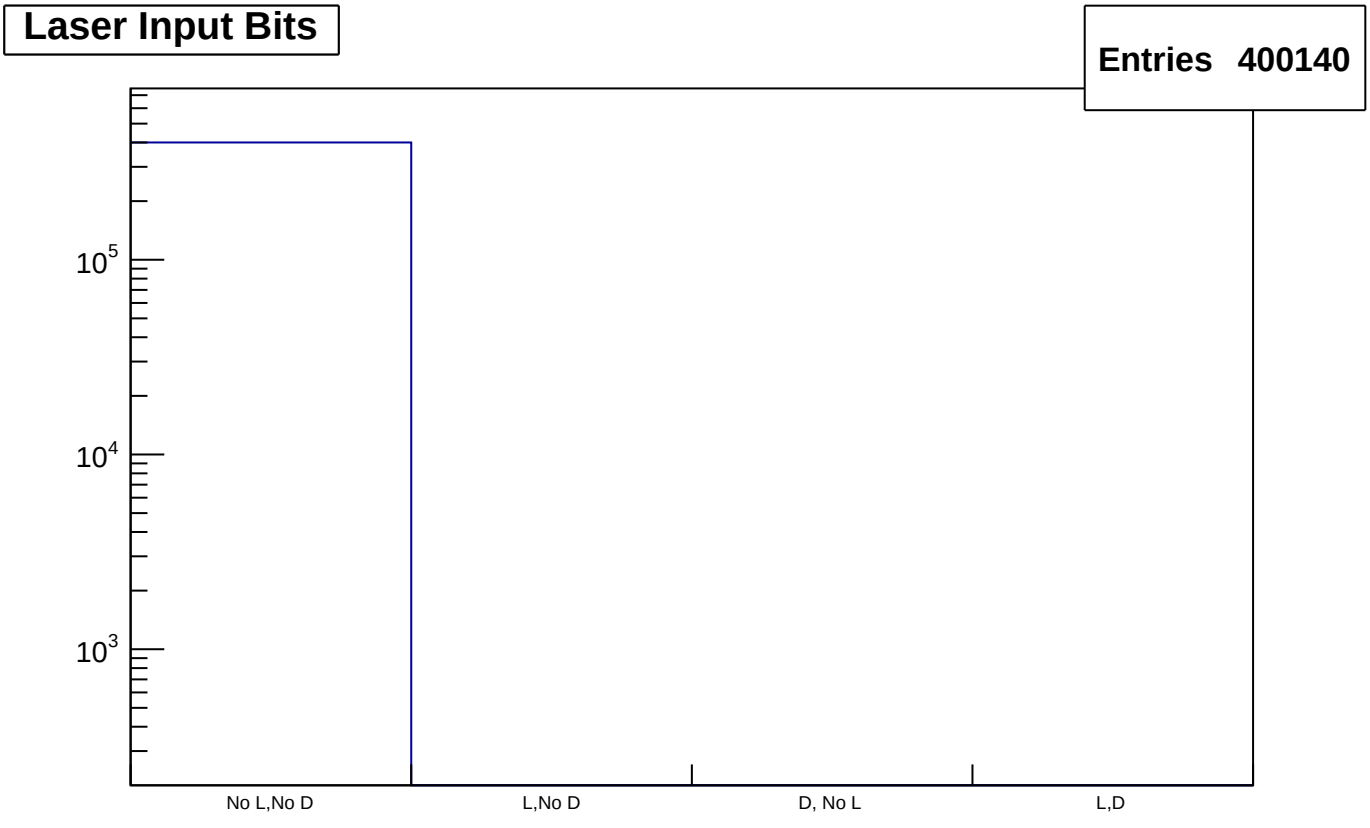

Entries 400140
TOF-Mult
VPD-West ADC Sum

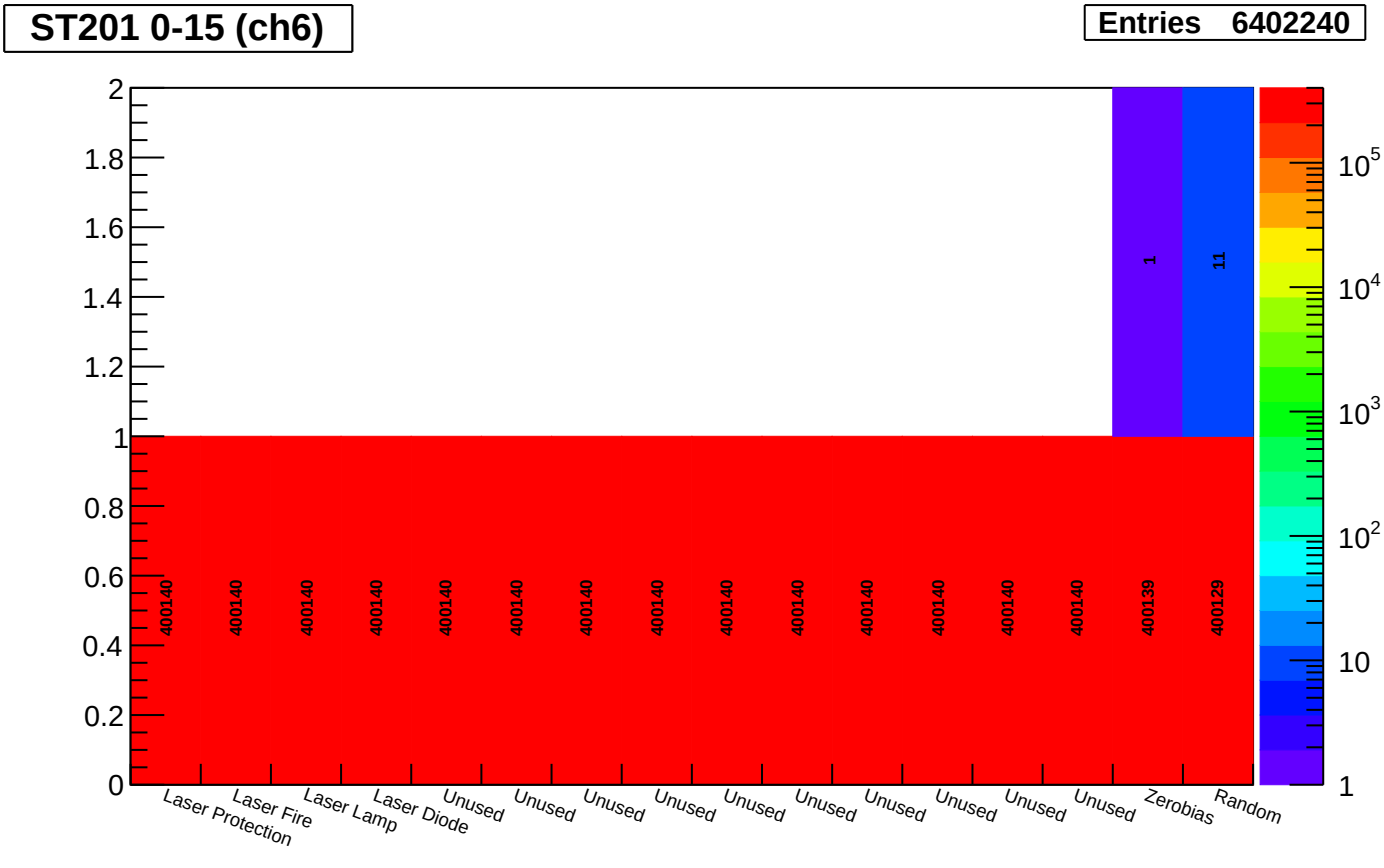

Entries 400140
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

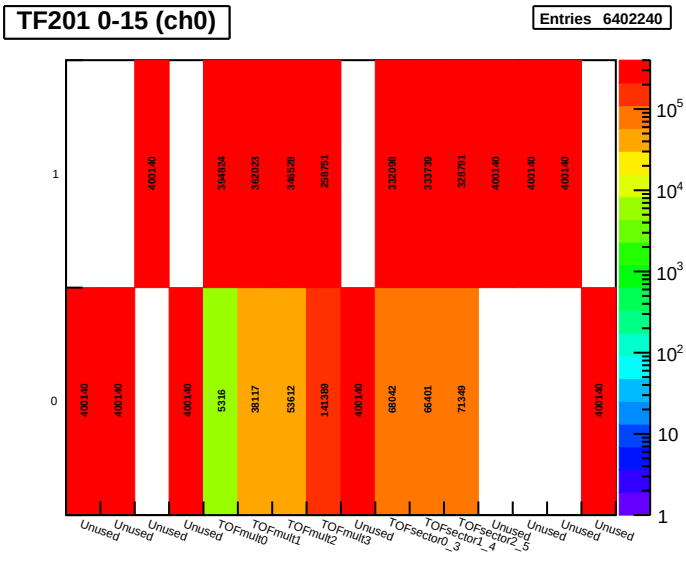

Entries 400140
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

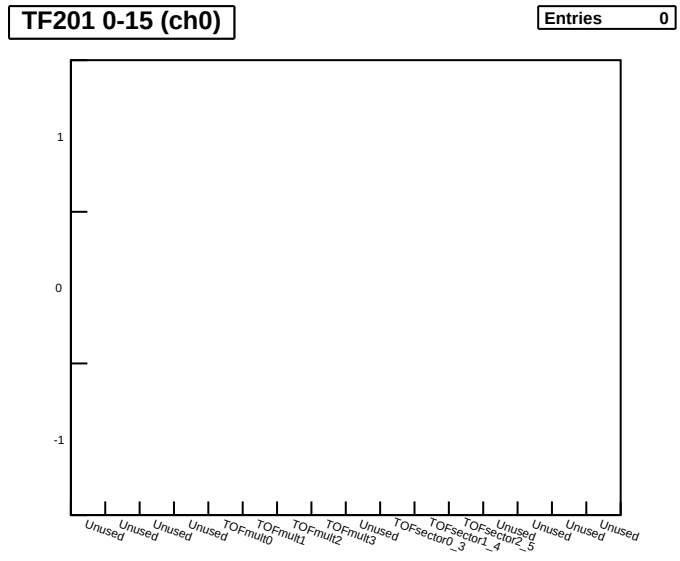

Entries 400140
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
$10^{-1}$
$10^{-2}$

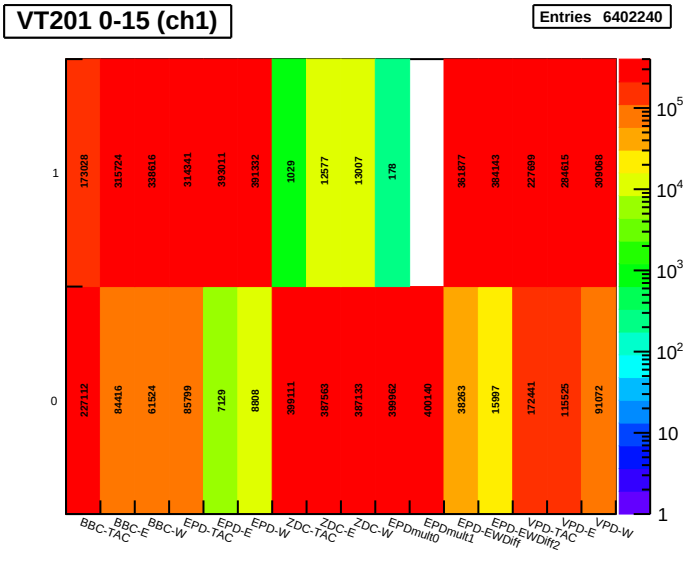

Entries 400140
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

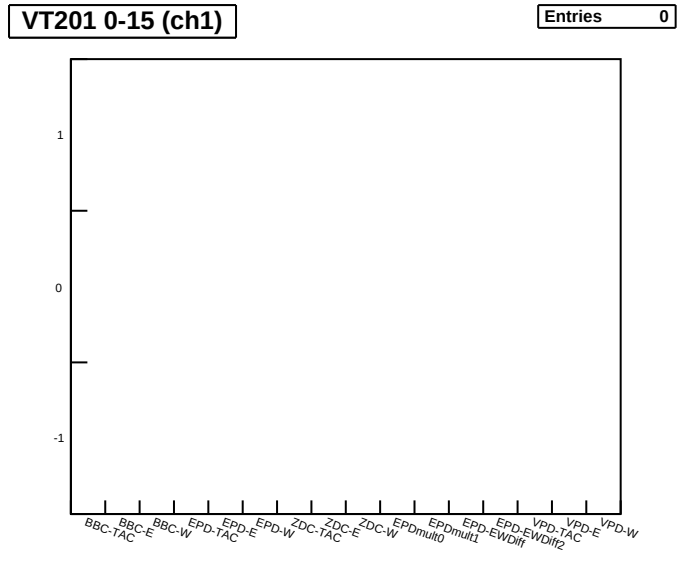

Laser Input Bits
Entries 400140
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

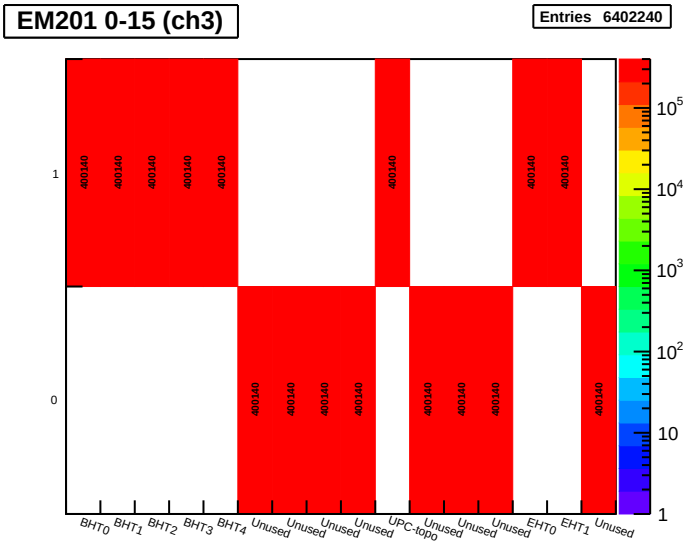

ST201 0-15 (ch6)
Entries 6402240
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
400140
400140
400140
400140
400140
400140
400140
400140
400140
400140
400140
400140
400140
400140
400139
400129
1
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

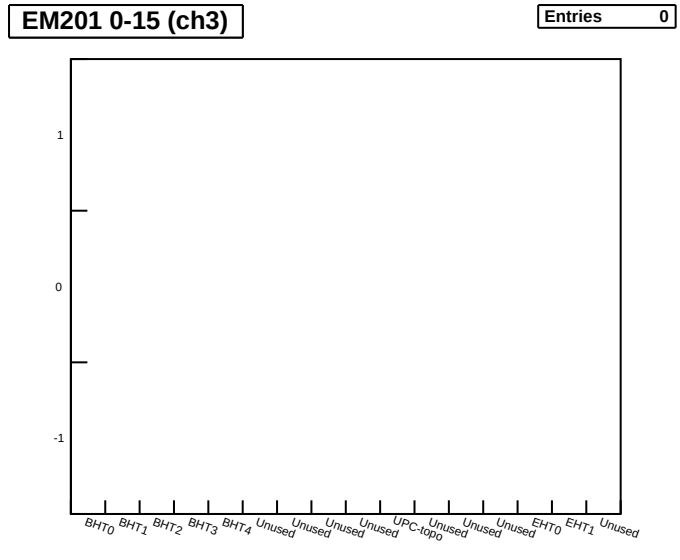

TF201 0-15 (ch0)
Entries 6402240
1
0
400140
394824
362023
346528
258751
332098
333739
328791
400140
400140
400140
400140
400140
5316
38117
53612
141389
400140
68042
66401
71349
400140
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 6402240
1
0
173028
315724
338616
314341
393011
391332
1029
12577
13007
178
361877
384143
227699
284615
309068
227112
84416
61524
85799
7129
8808
399111
387563
387133
399962
400140
38263
15997
172441
115525
91072
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 6402240
1
0
400140
400140
400140
400140
400140
400140
400140
400140
400140
400140
400140
400140
400140
400140
400140
400140
400140
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