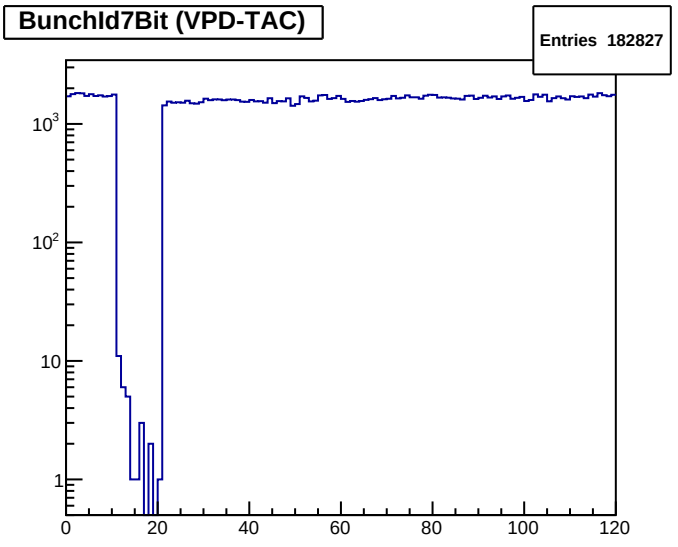
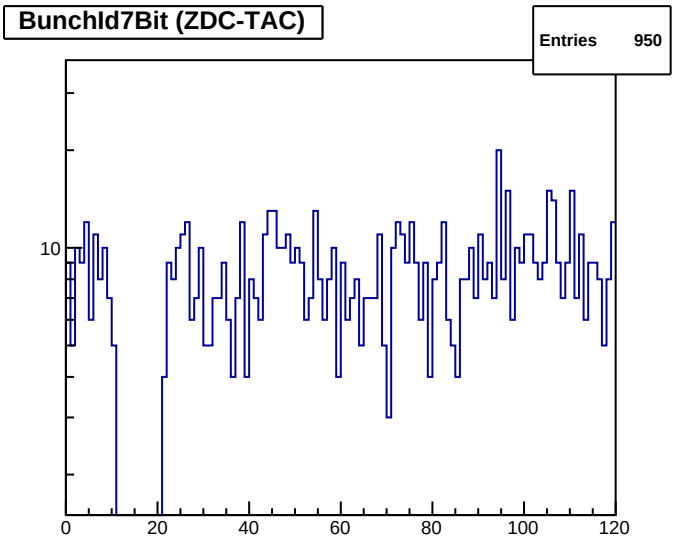
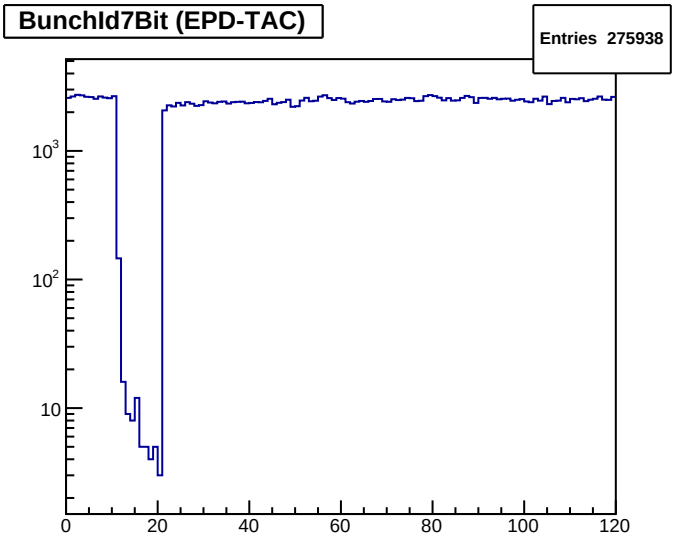
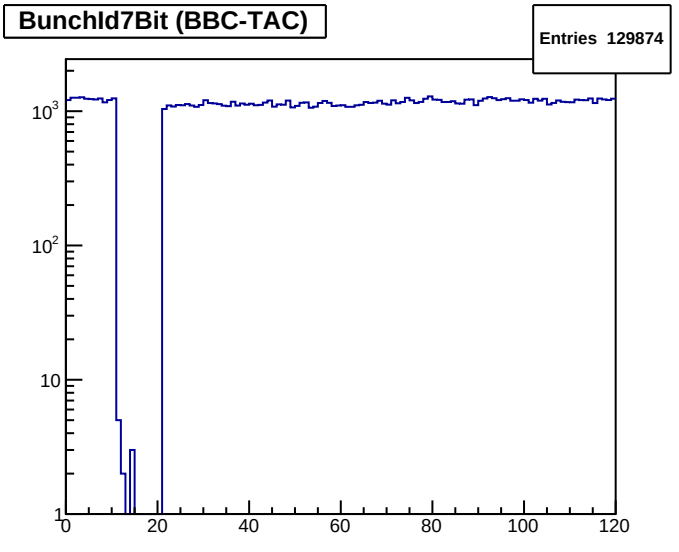
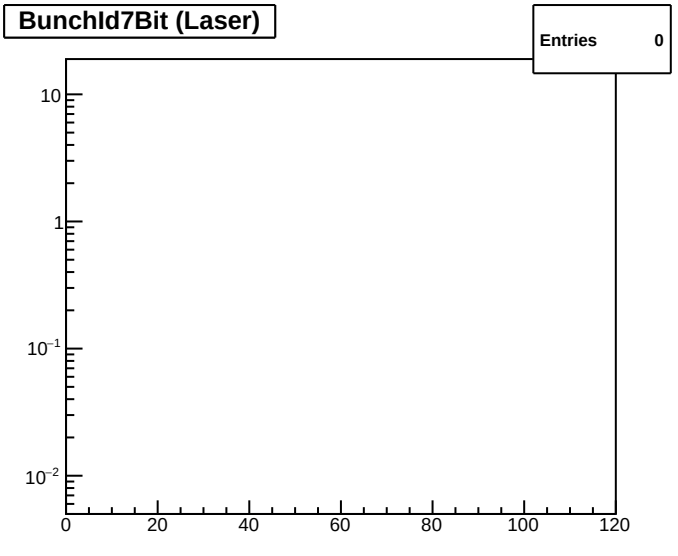
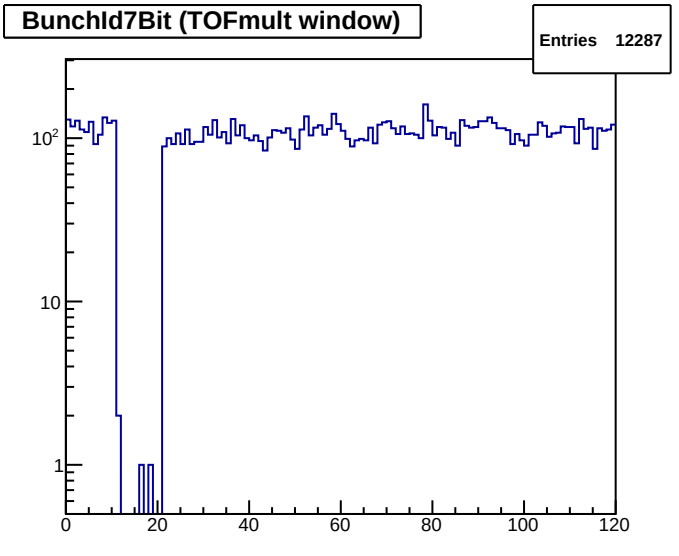

BunchId7Bit (VPD-TAC)
Entries 182827

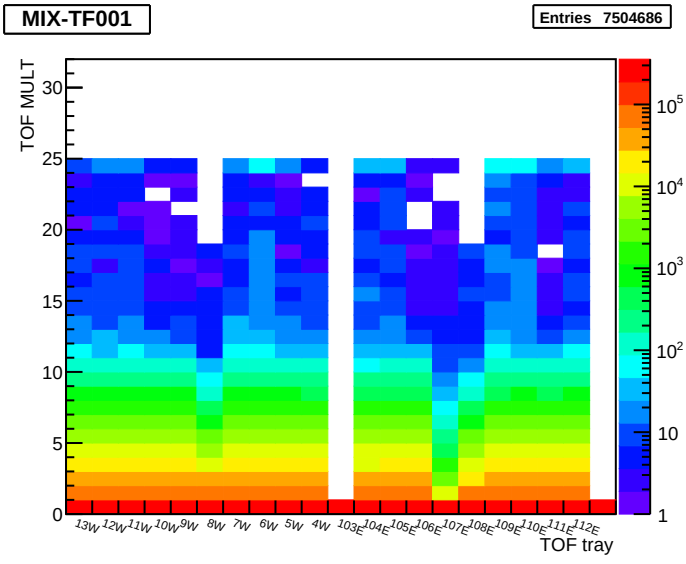

BunchId7Bit (ZDC-TAC)
Entries 950

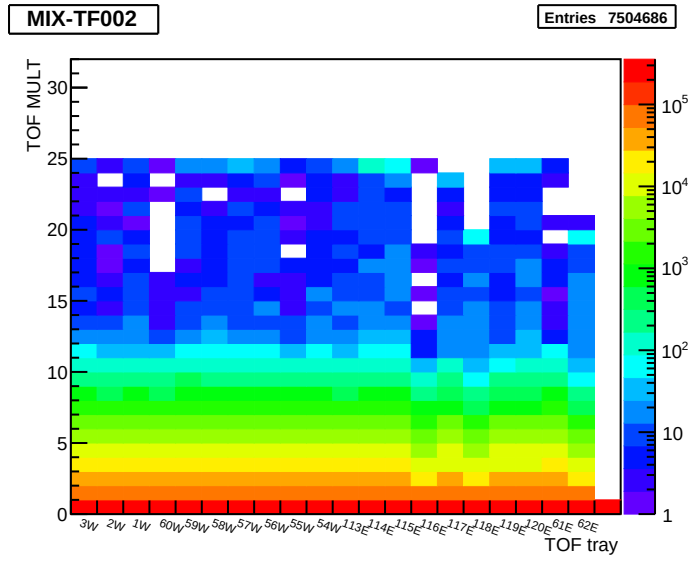

BunchId7Bit (EPD-TAC)
Entries 275938

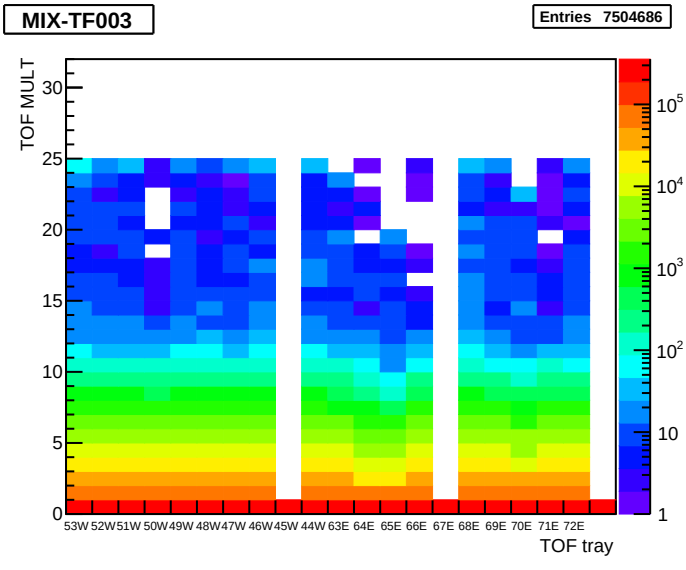

BunchId7Bit (BBC-TAC)
Entries 129874

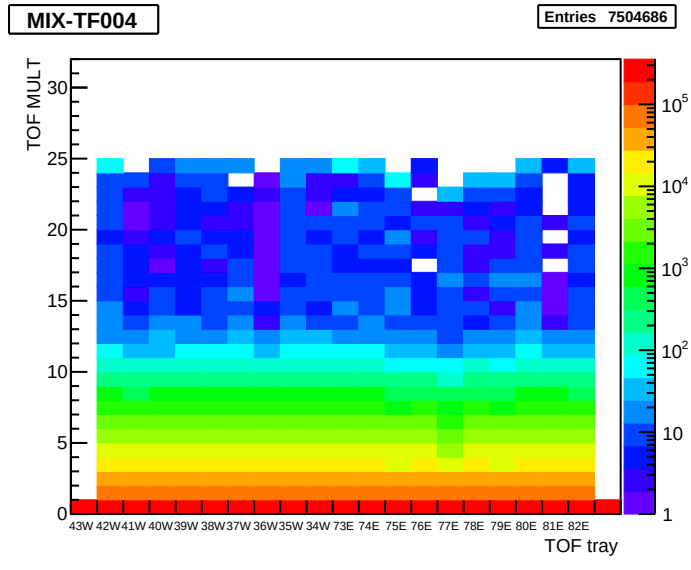

BunchId7Bit (Laser)
Entries 0

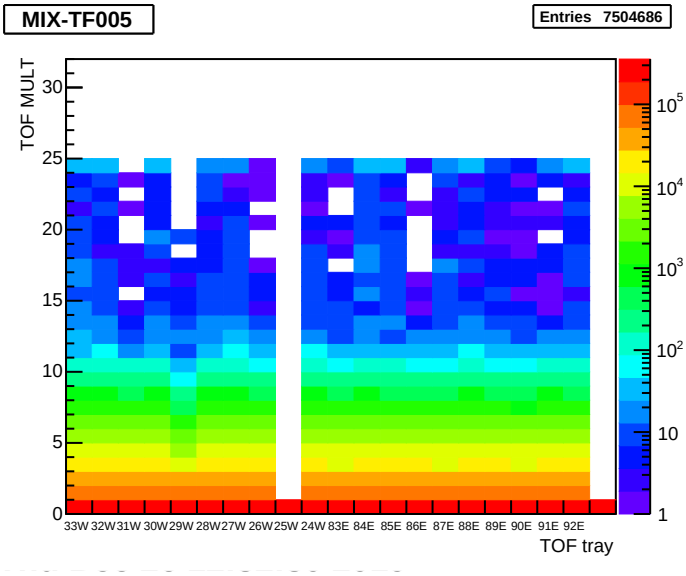

BunchId7Bit (TOFmult window)
Entries 12287

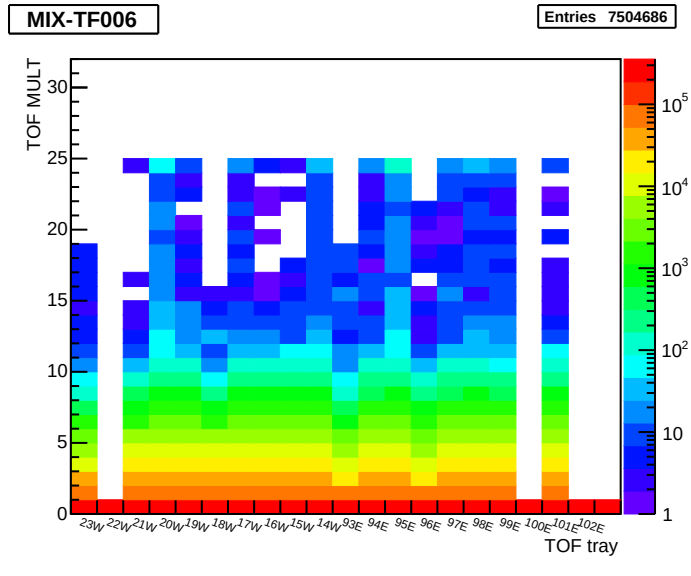

MIX-TF001
Entries 7504686
TOF MULT
TOF tray

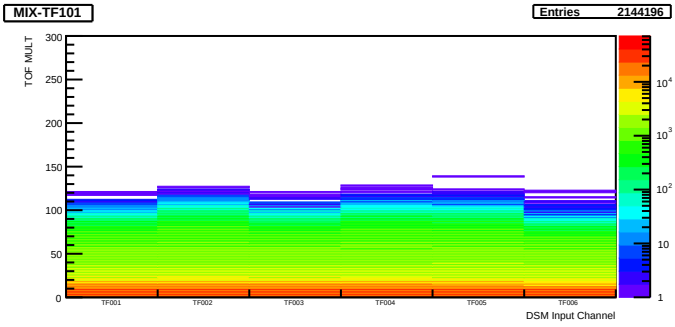

MIX-TF002
Entries 7504686
TOF MULT
TOF tray

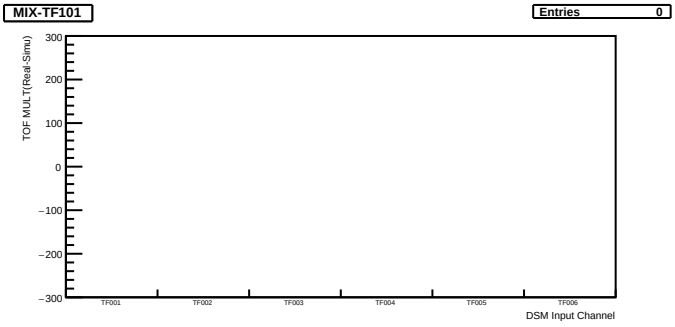

MIX-TF003
Entries 7504686
TOF MULT
TOF tray

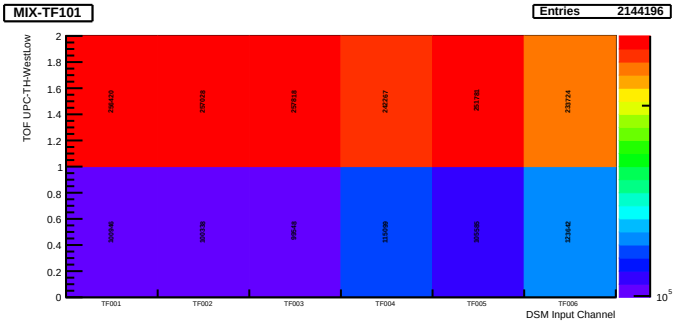

MIX-TF004
Entries 7504686
TOF MULT
TOF tray

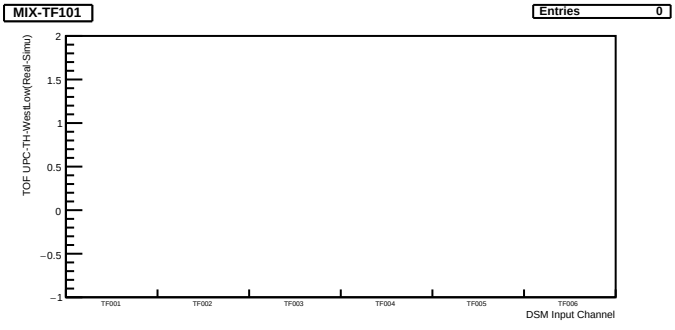

MIX-TF005
Entries 7504686
TOF MULT
TOF tray

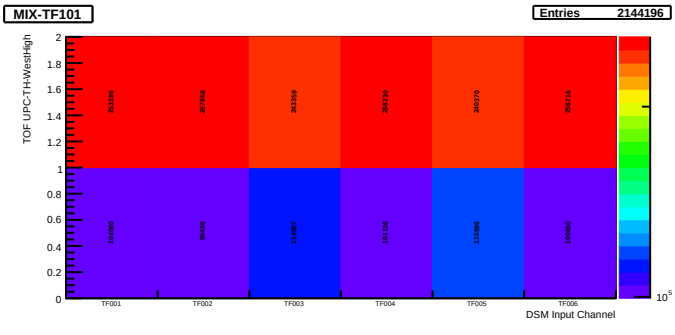

MIX-TF006
Entries 7504686
TOF MULT
TOF tray

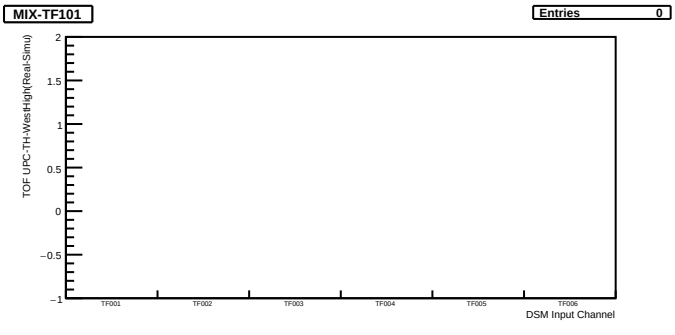

MIX-TF101
Entries 2144196
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

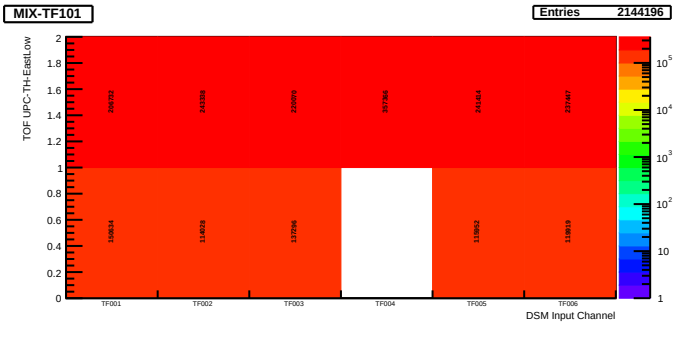

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

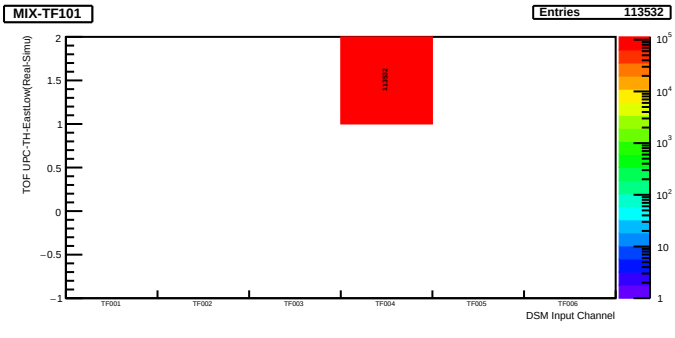

MIX-TF101
Entries 2144196
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

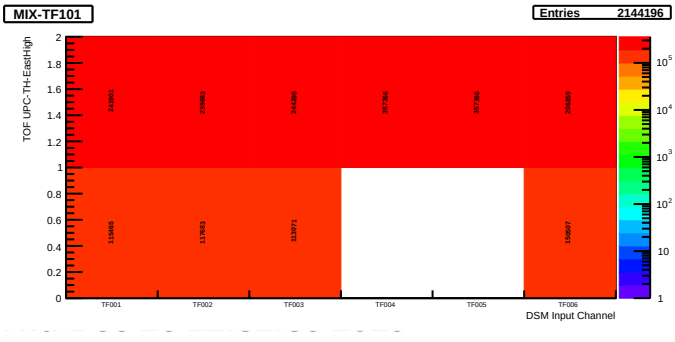

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

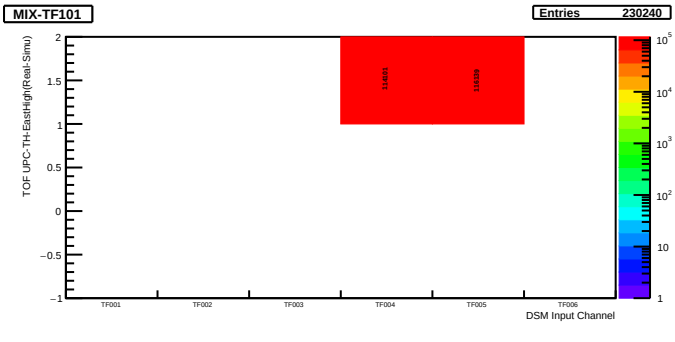

MIX-TF101
Entries 2144196
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

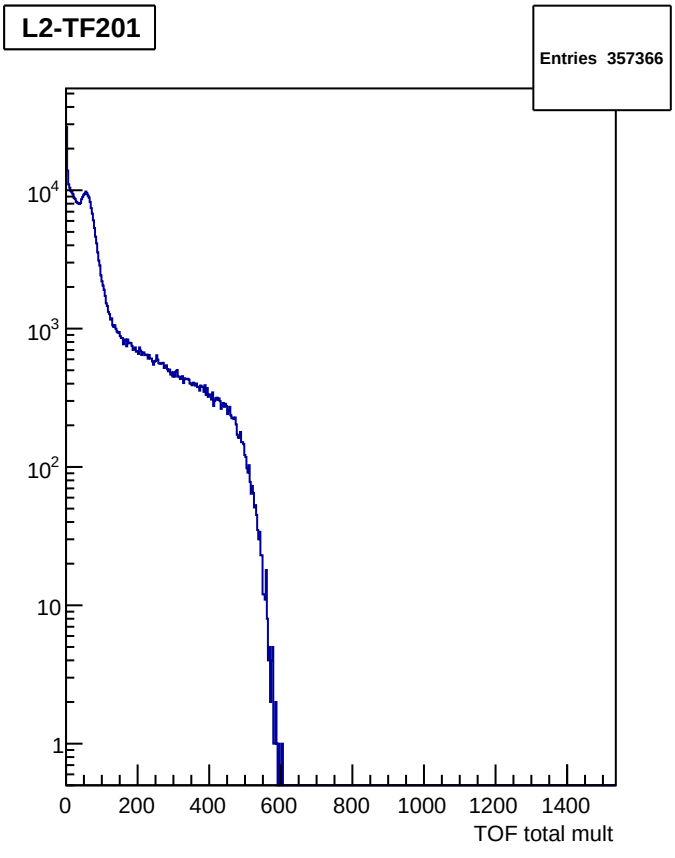

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

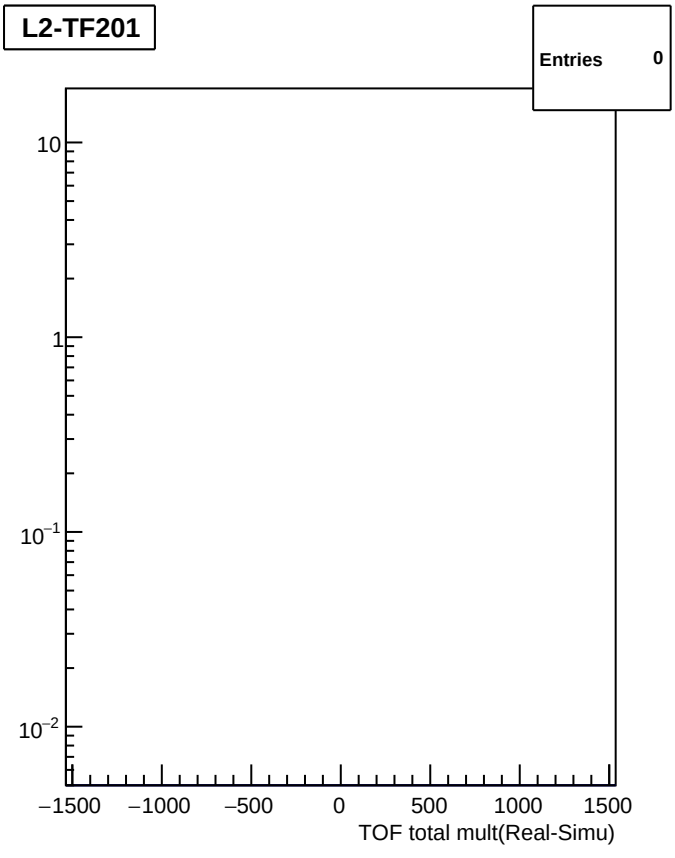

MIX-TF101
Entries 2144196
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

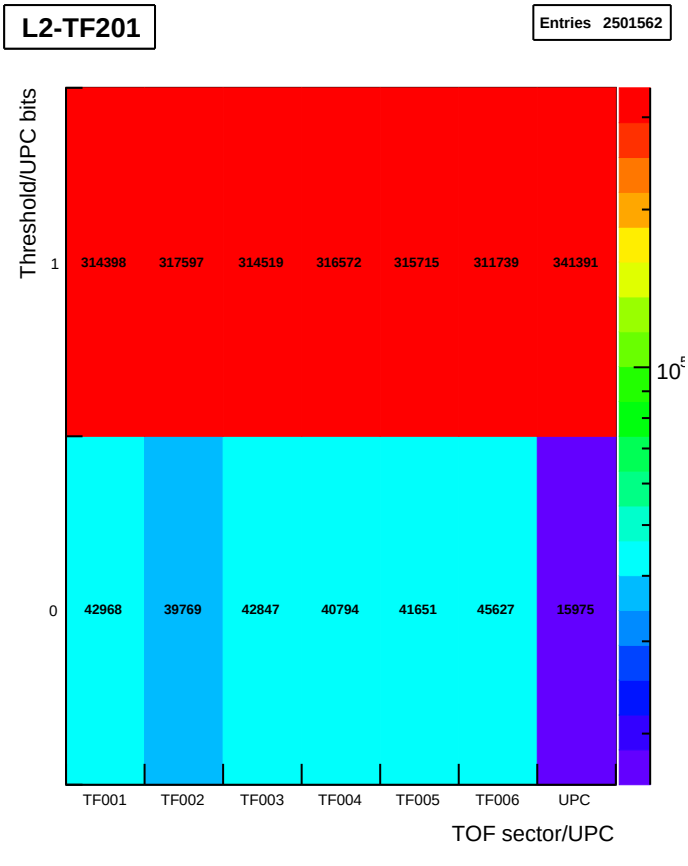

MIX-TF101
Entries 113532
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

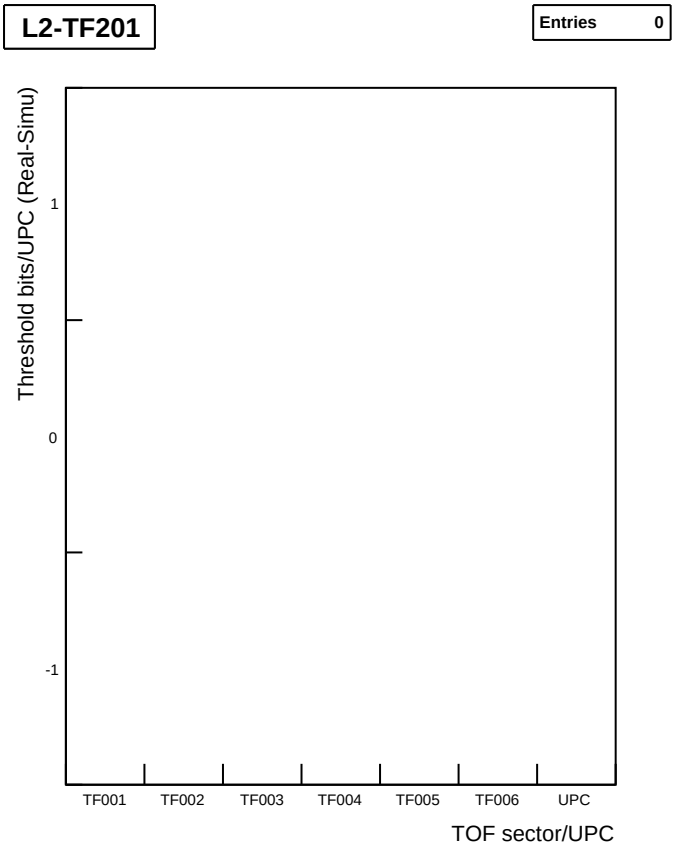

MIX-TF101
Entries 2144196
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

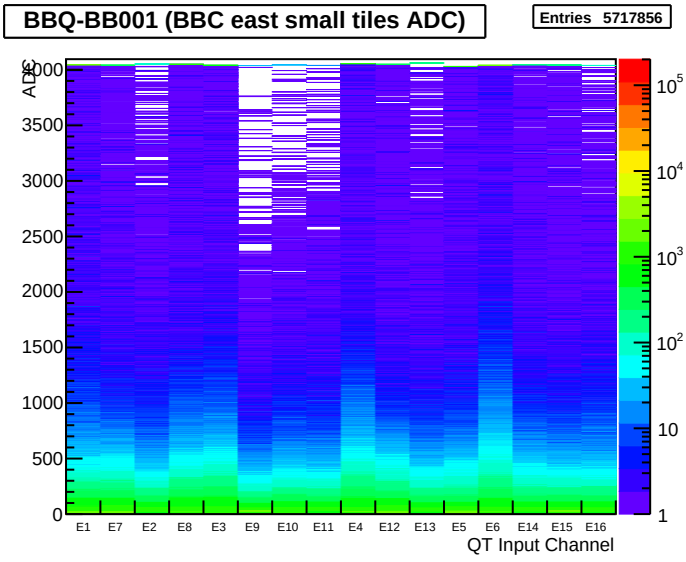

MIX-TF101
Entries 230240
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

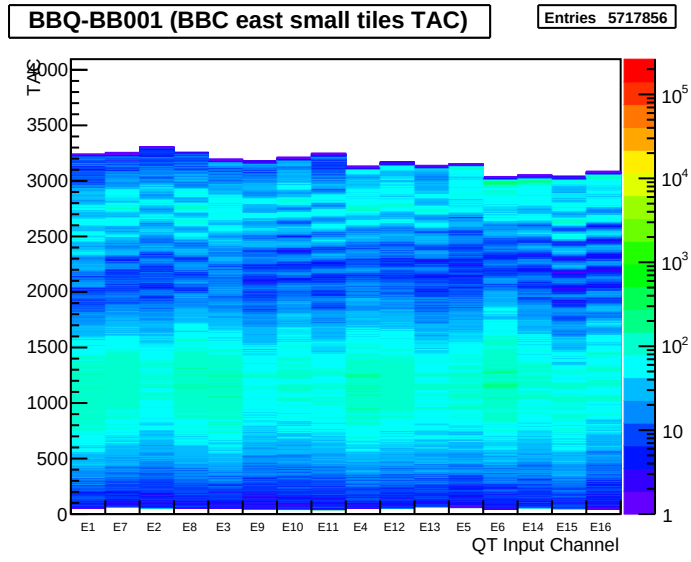

L2-TF201
Entries 357366
TOF total mult

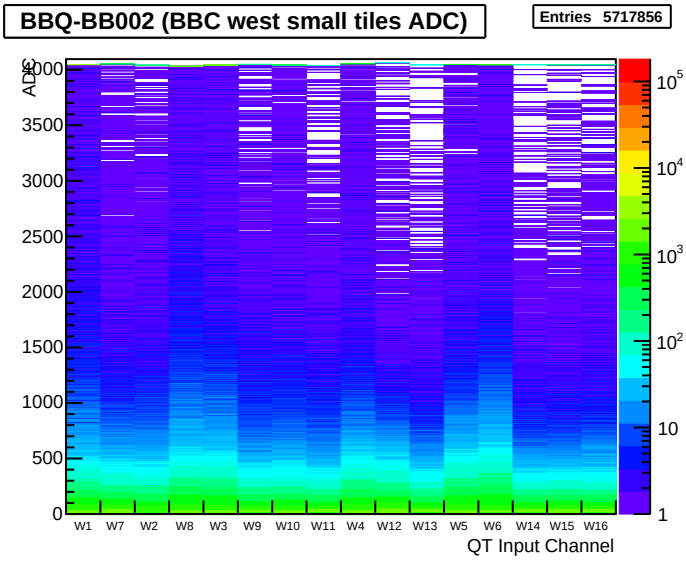

L2-TF201
Entries 0
TOF total mult(Real-Simu)

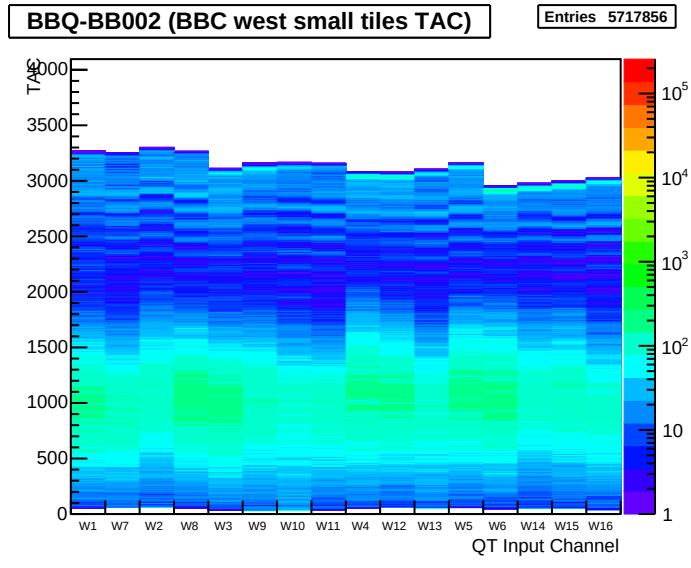

L2-TF201
Entries 2501562
Threshold/UPC bits
314398
317597
314519
316572
315715
311739
341391
42968
39769
42847
40794
41651
45627
15975
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

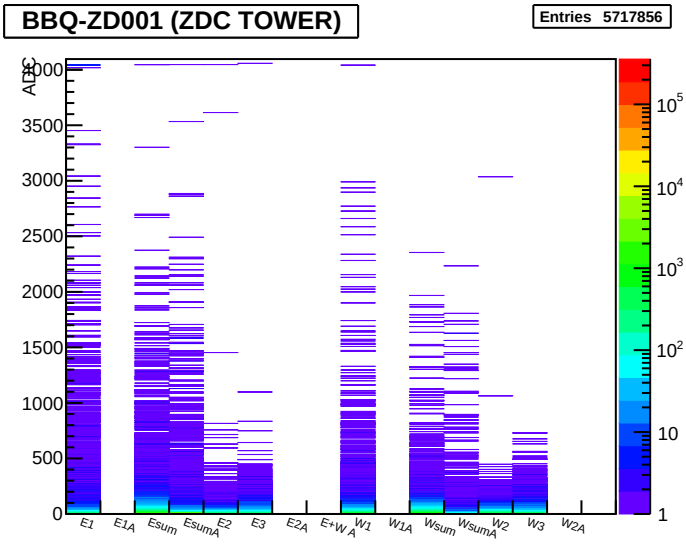

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

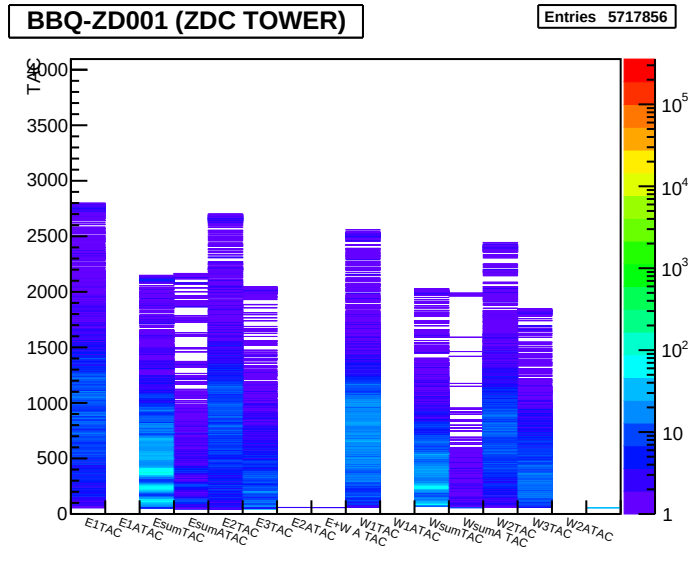

BBQ-BB001 (BBC east small tiles ADC)
Entries 5717856
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

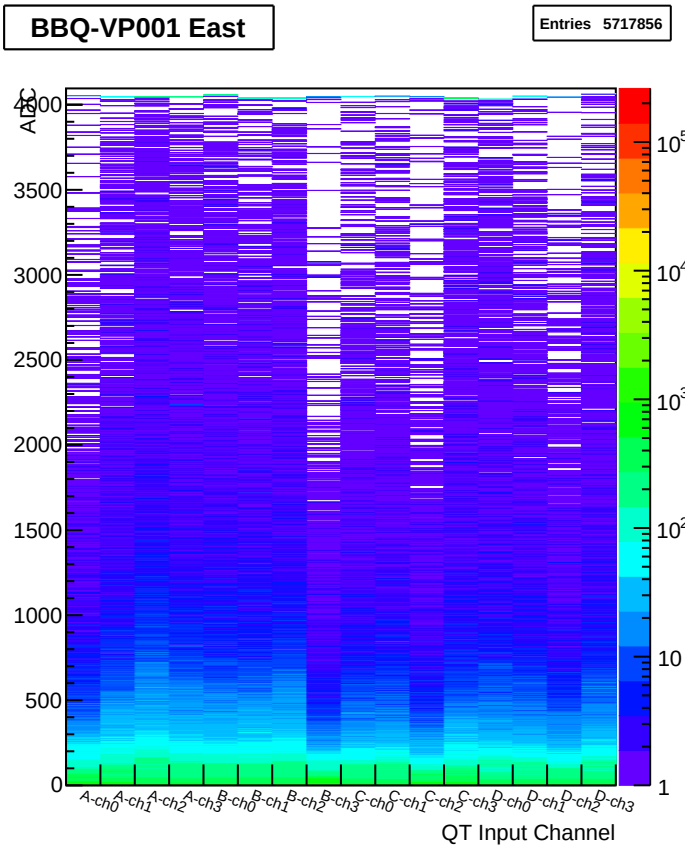

BBQ-BB001 (BBC east small tiles TAC)
Entries 5717856
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

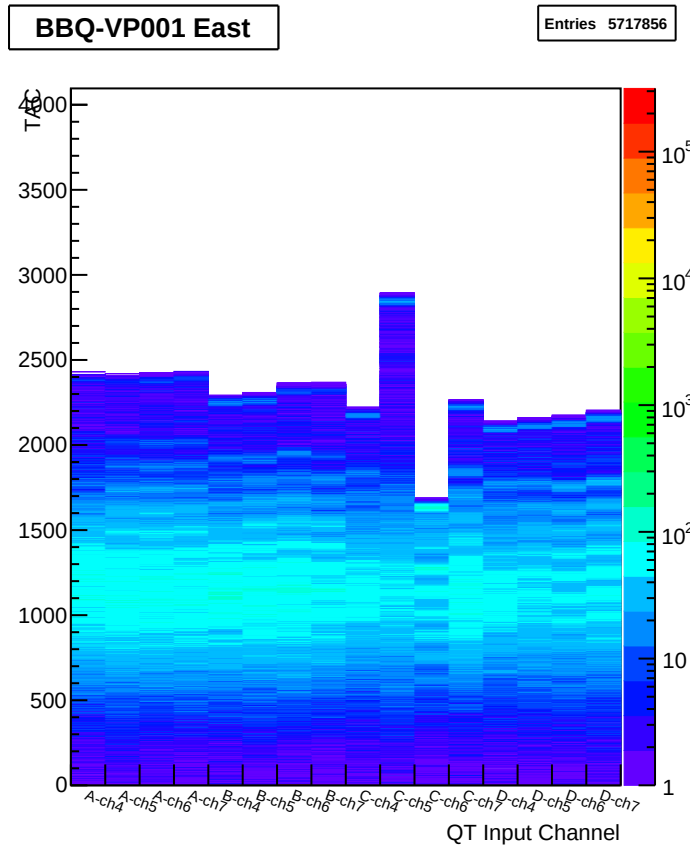

BBQ-BB002 (BBC west small tiles ADC)
Entries 5717856
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

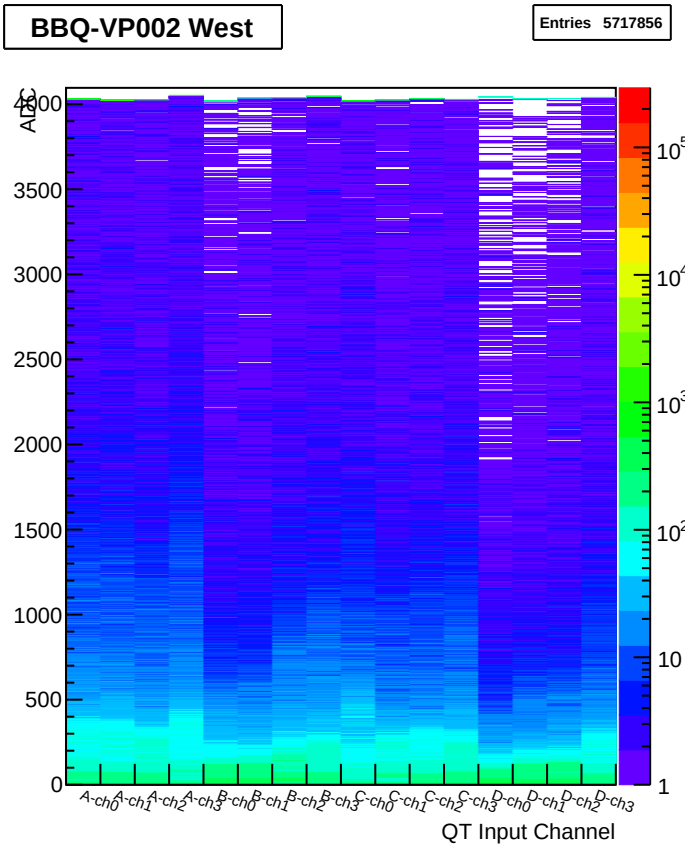

BBQ-BB002 (BBC west small tiles TAC)
Entries 5717856
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

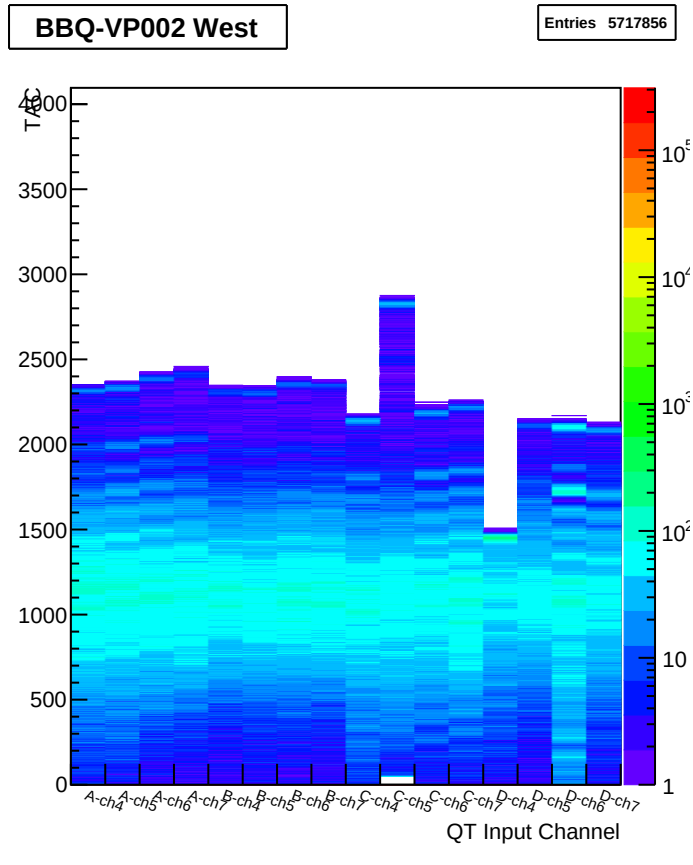

BBQ-ZD001 (ZDC TOWER)
Entries 5717856
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

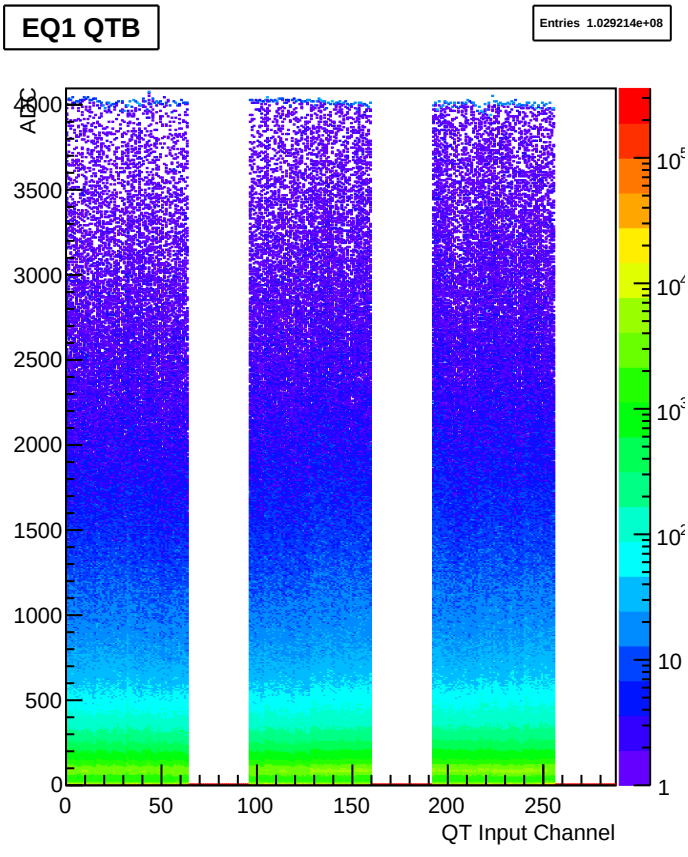

BBQ-ZD001 (ZDC TOWER)
Entries 5717856
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

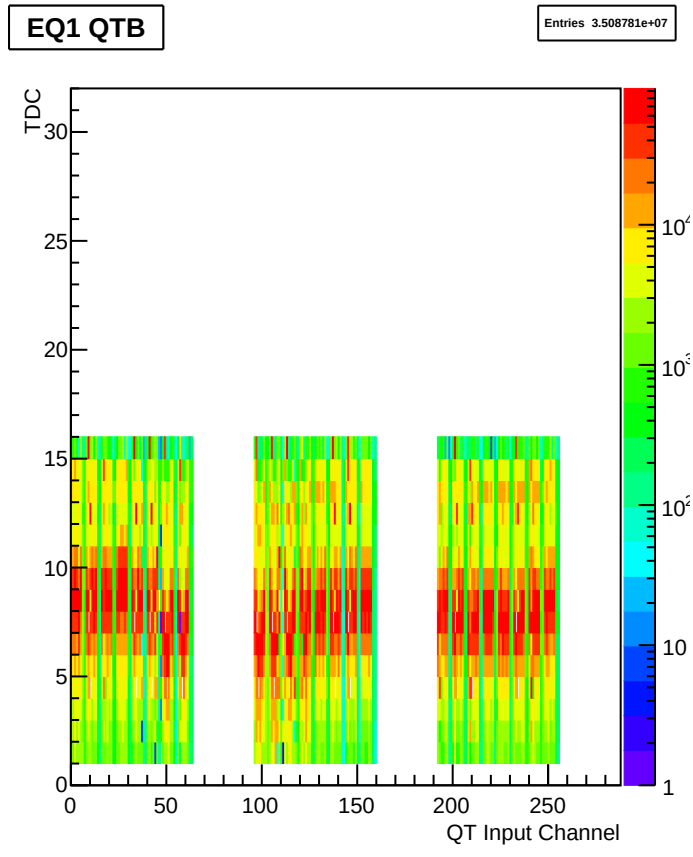

BBQ-VP001 East
Entries 5717856
ADC
QT Input Channel

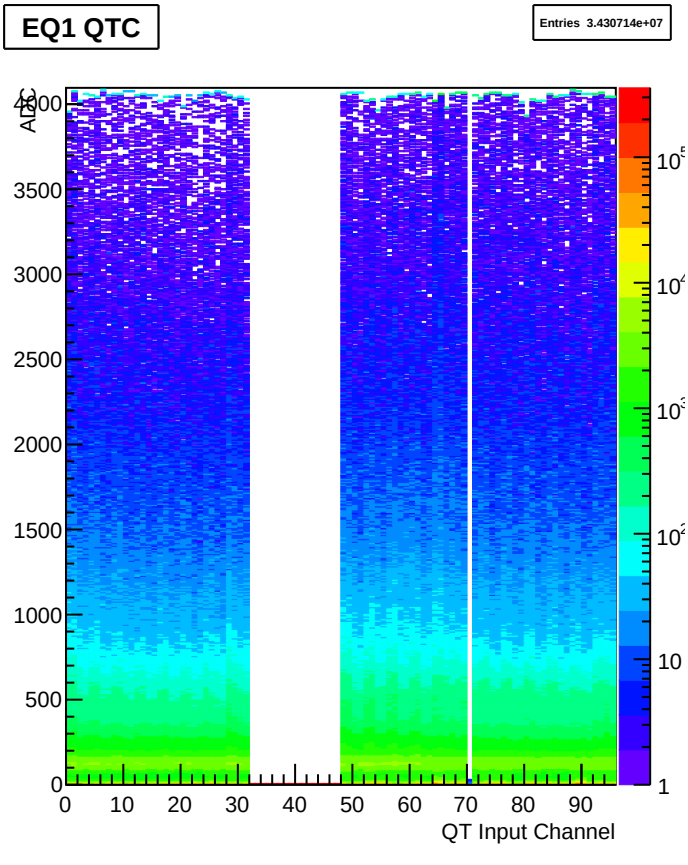

BBQ-VP001 East
Entries 5717856
TADC
QT Input Channel

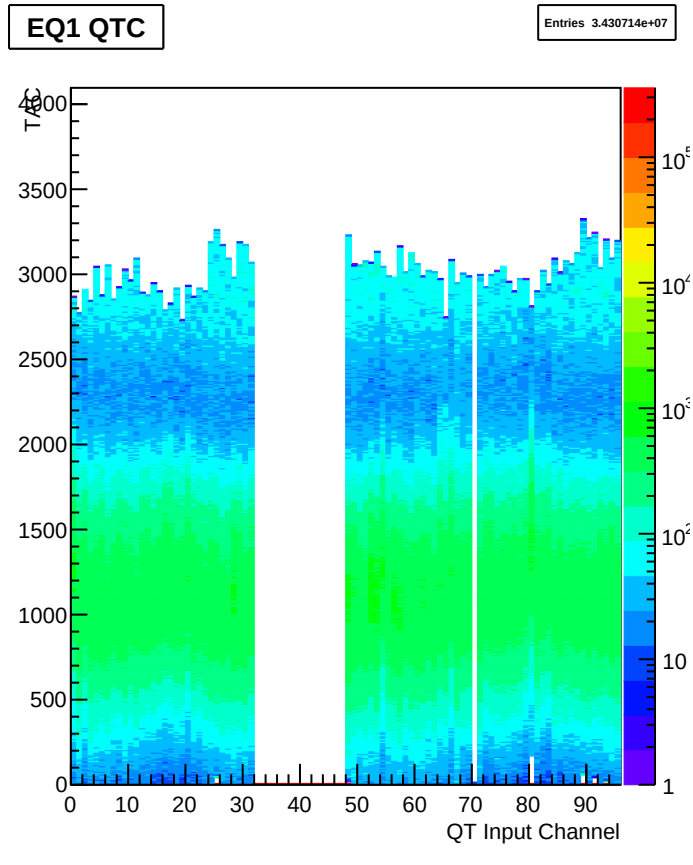

BBQ-VP002 West
Entries 5717856
ADC
QT Input Channel

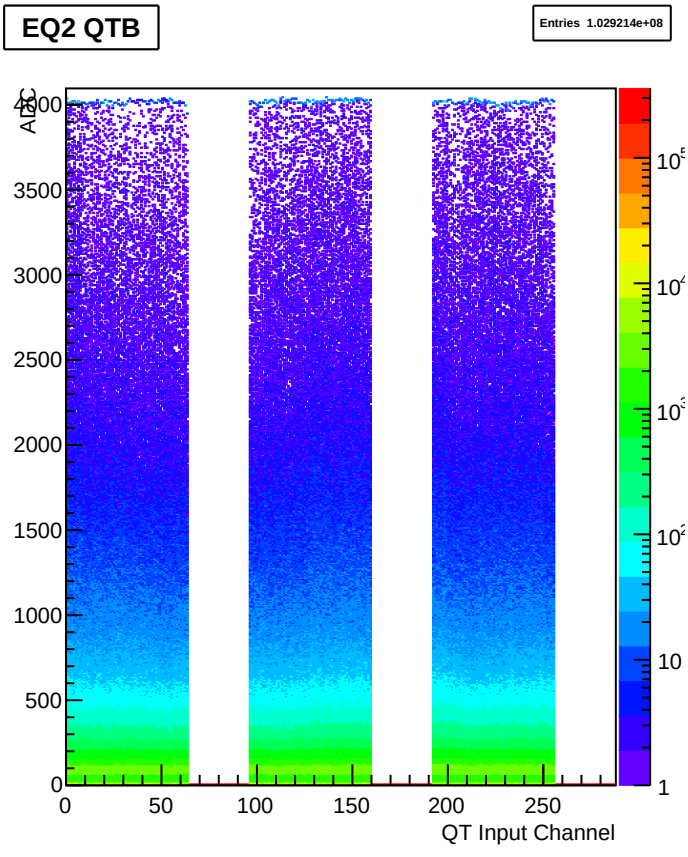

BBQ-VP002 West
Entries 5717856
TADC
QT Input Channel

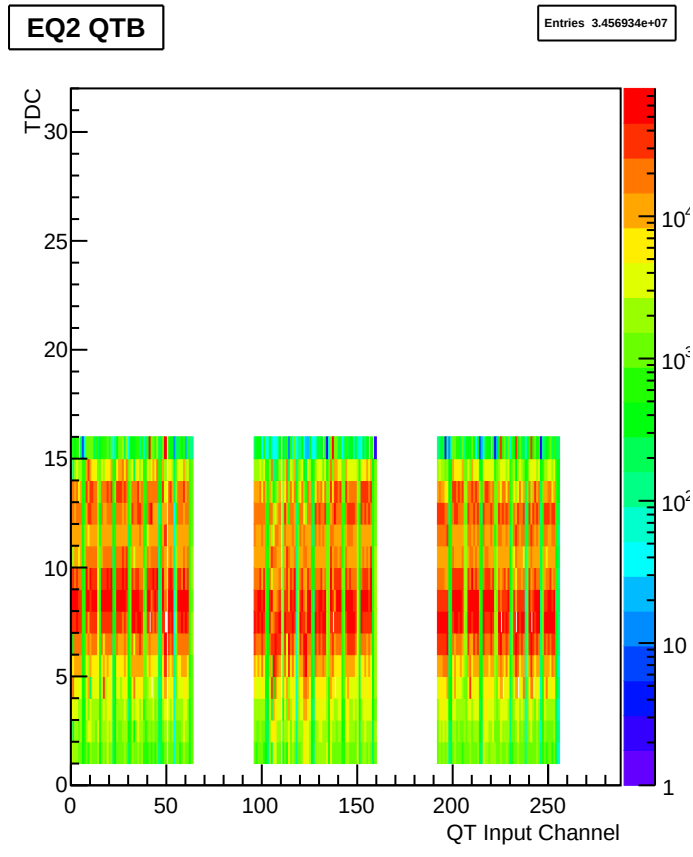

EQ1 QTB
Entries 1.029214e+08
ADC
QT Input Channel

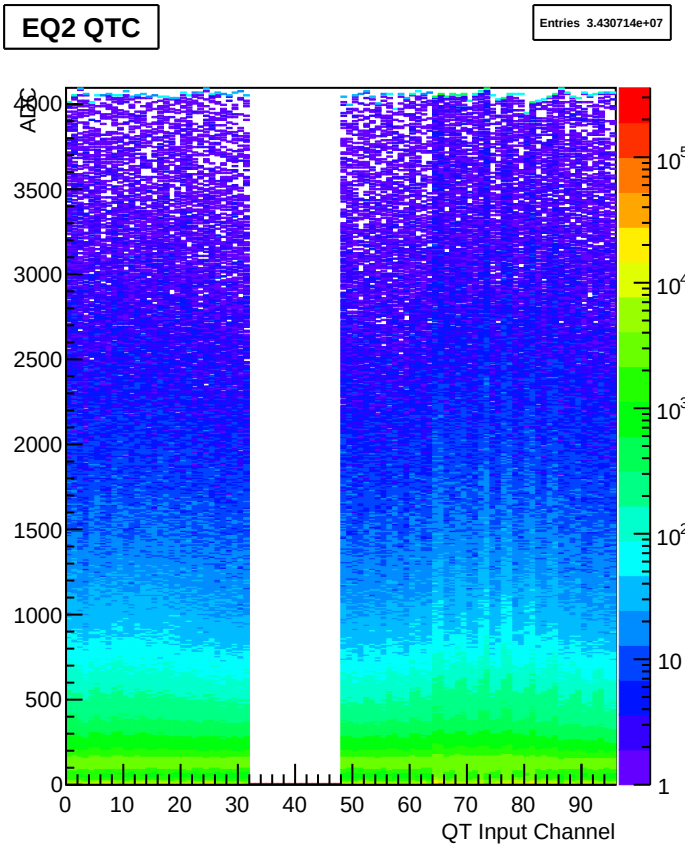

EQ1 QTB
Entries 3.508781e+07
TDC
QT Input Channel

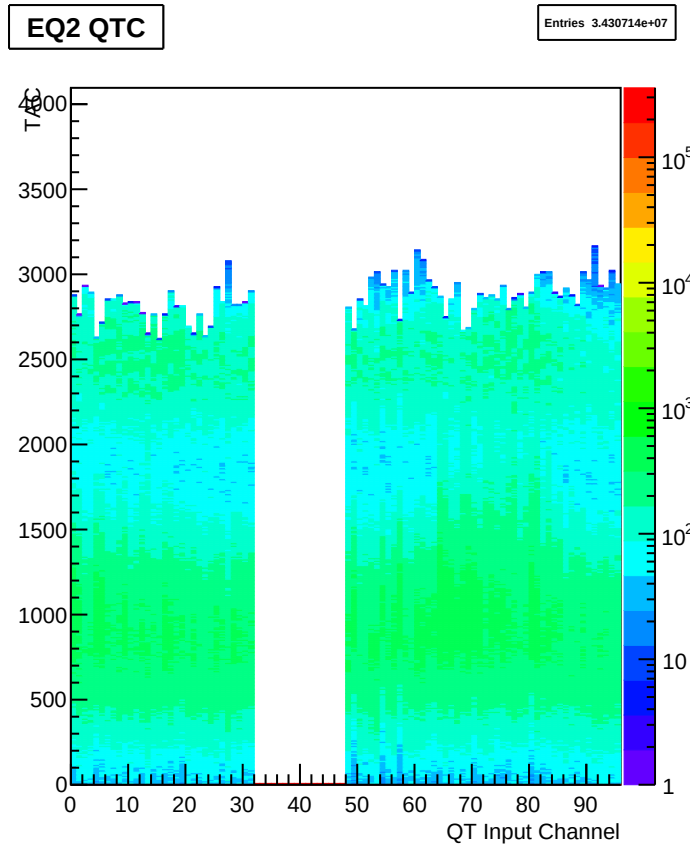

EQ1 QTC
Entries 3.430714e+07
ADC
QT Input Channel

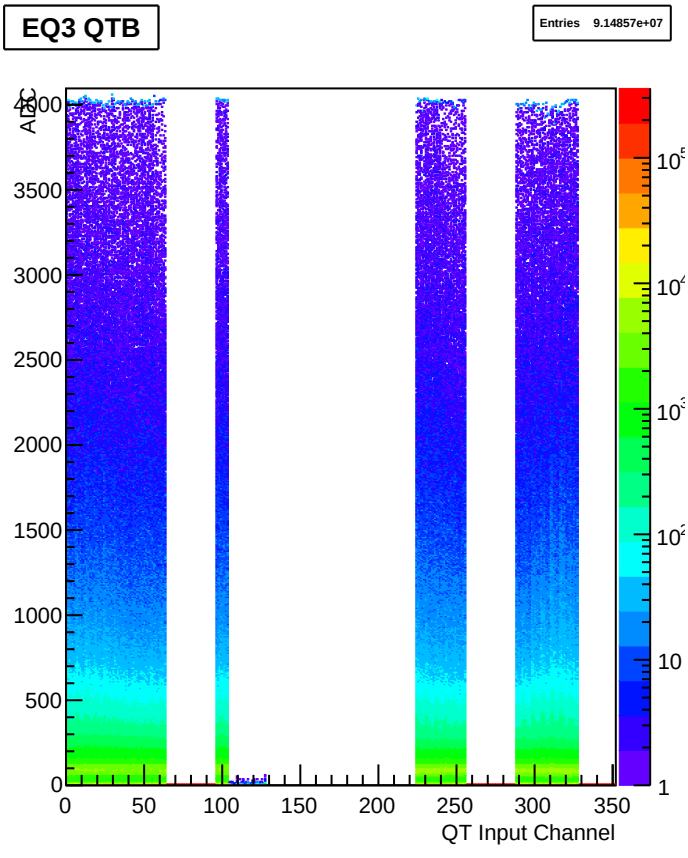

EQ1 QTC
Entries 3.430714e+07
TADC
QT Input Channel

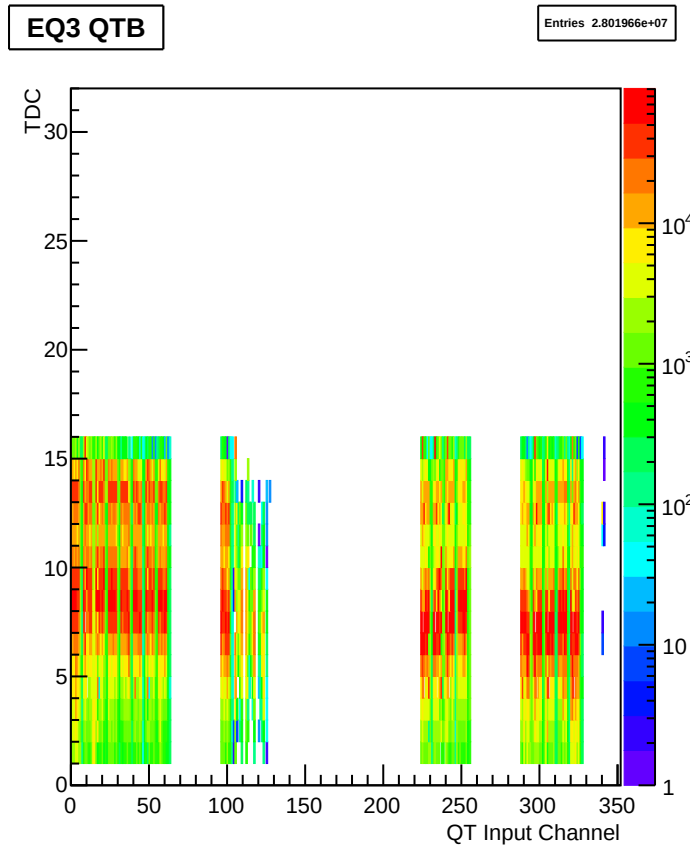

EQ2 QTB
Entries 1.029214e+08
ADC
QT Input Channel

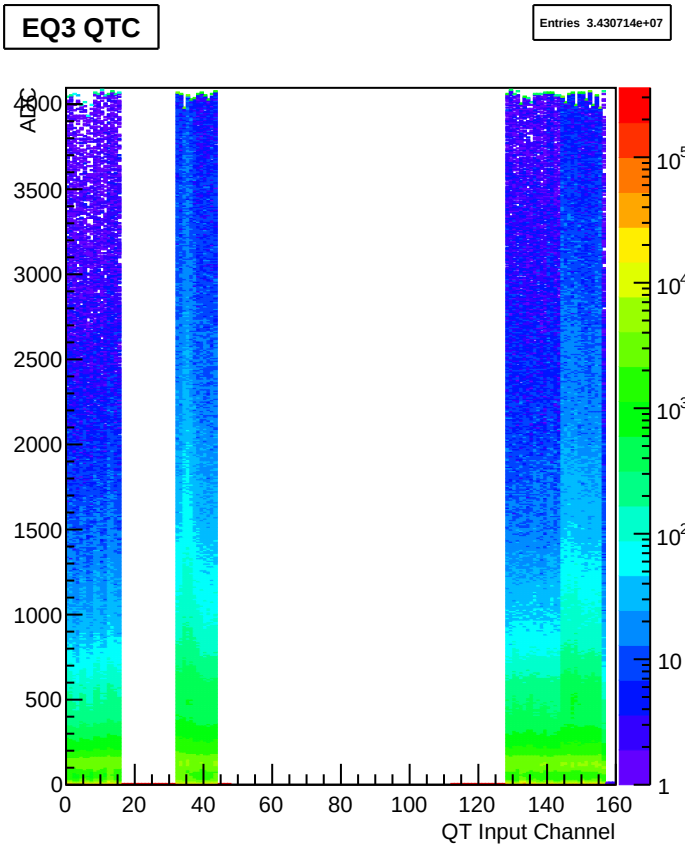

EQ2 QTB
Entries 3.456934e+07
TDC
QT Input Channel

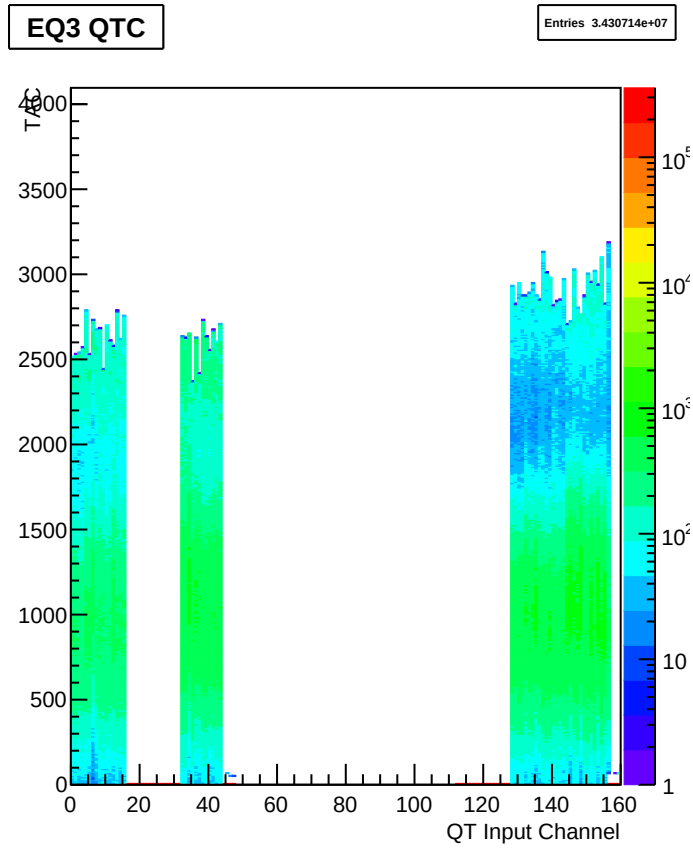

EQ2 QTC
Entries 3.430714e+07
ADC
QT Input Channel

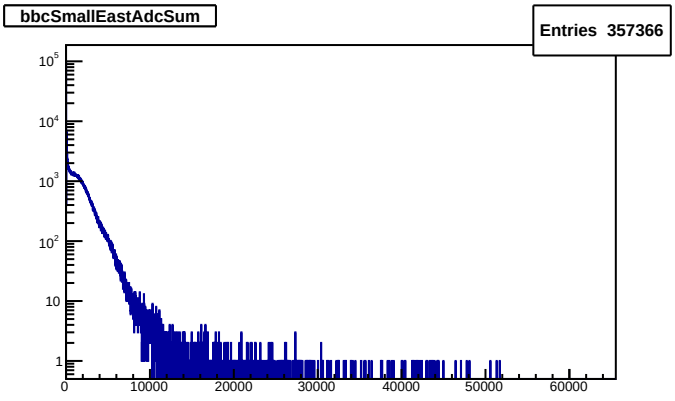

EQ2 QTC
Entries 3.430714e+07
TADC
QT Input Channel

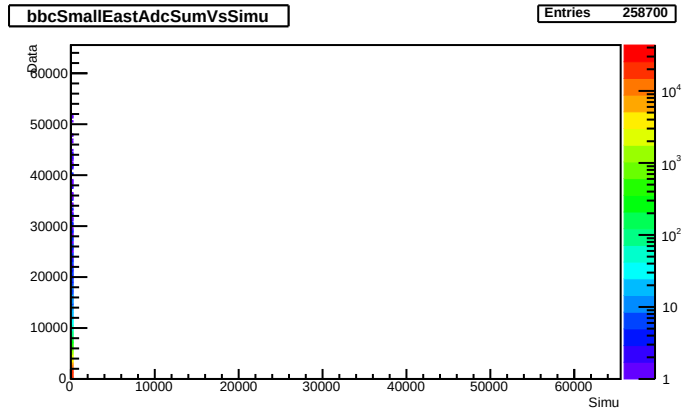

EQ3 QTB
Entries 9.14857e+07
ADC
QT Input Channel

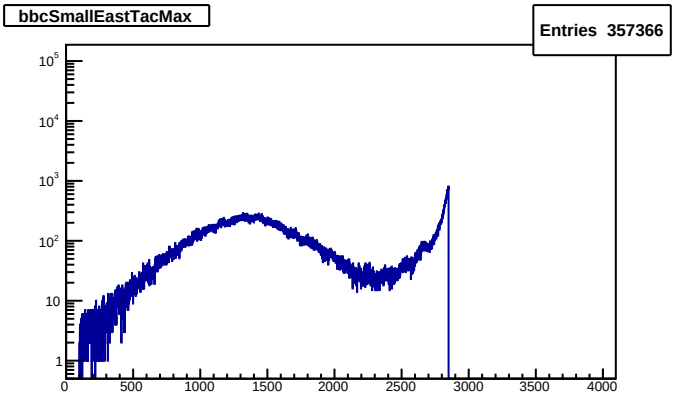

EQ3 QTB
Entries 2.801966e+07
TDC
QT Input Channel

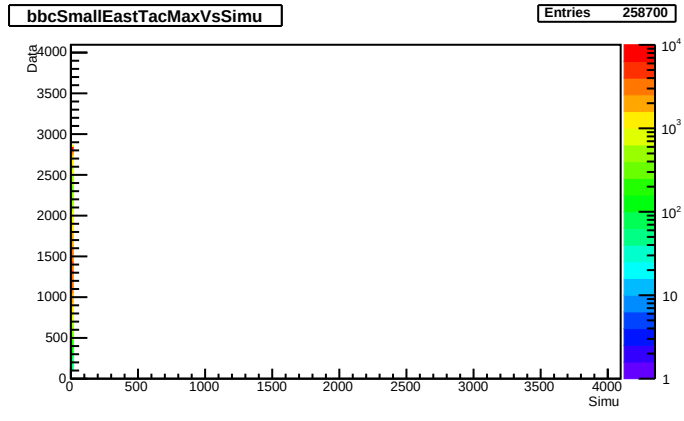

EQ3 QTC
Entries 3.430714e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.430714e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 357366


bbcSmallEastAdcSumVsSimu
Entries 258700
Data
Simu


bbcSmallEastTacMax
Entries 357366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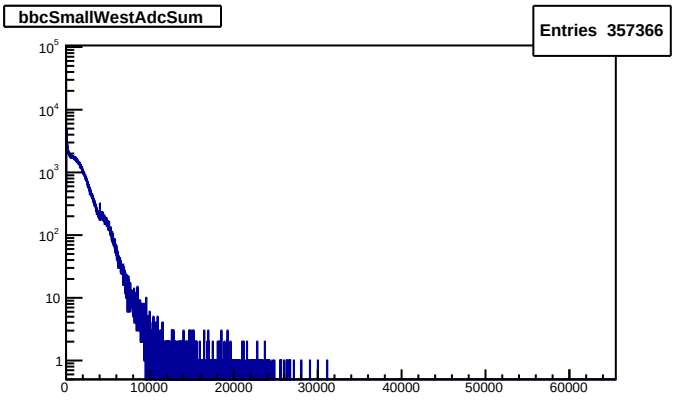
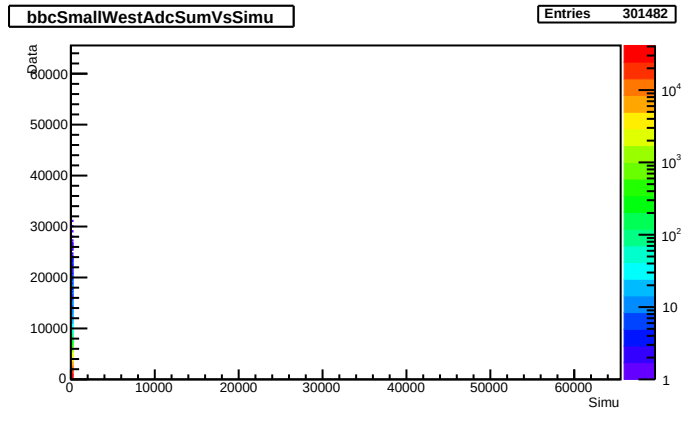
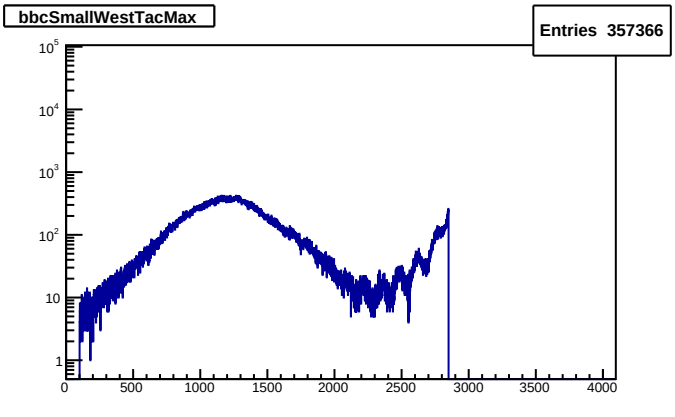
Entries 258700
Data
Simu


bbcSmallWestAdcSum
Entries 357366


bbcSmallWestAdcSumVsSimu
Entries 301482
Data
Simu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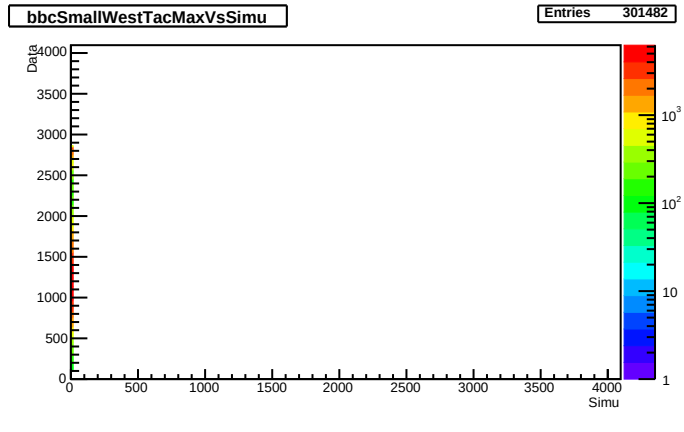
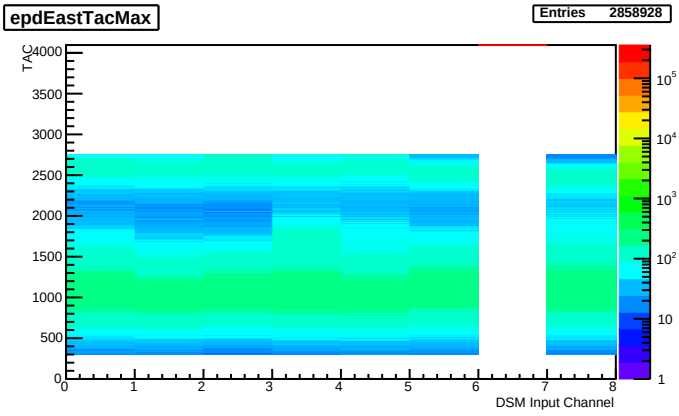
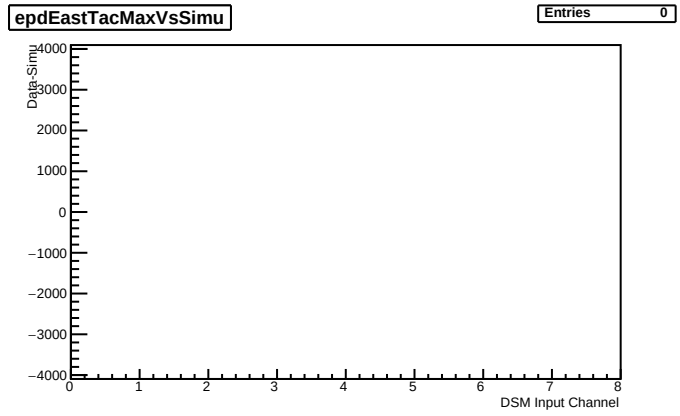
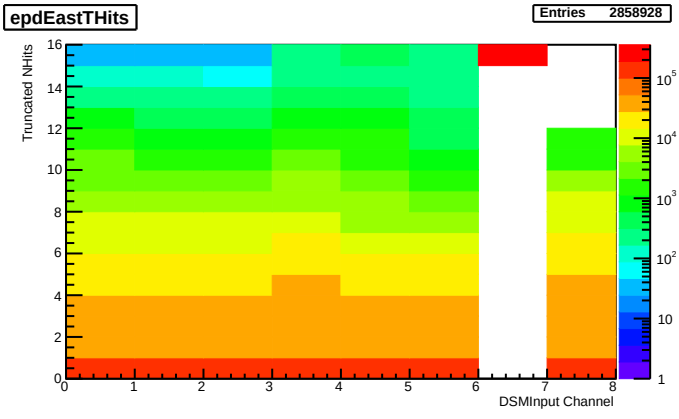
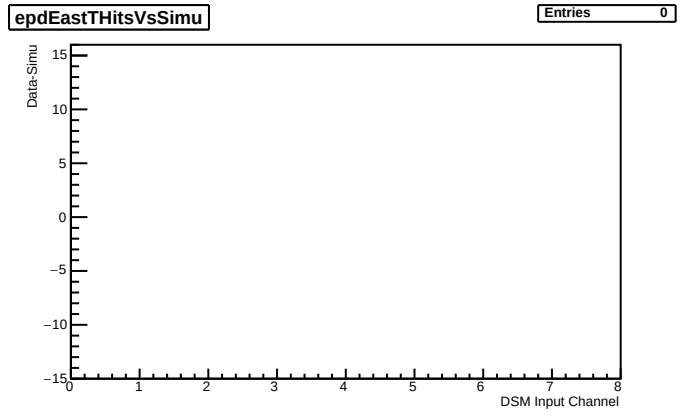
Entries 357366


bbcSmallWestTacMaxVsSimu
Entries 301482
Data
Simu


epdEastTacMax
Entries 2858928
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2858928
Truncated NHits
DSMInput Channel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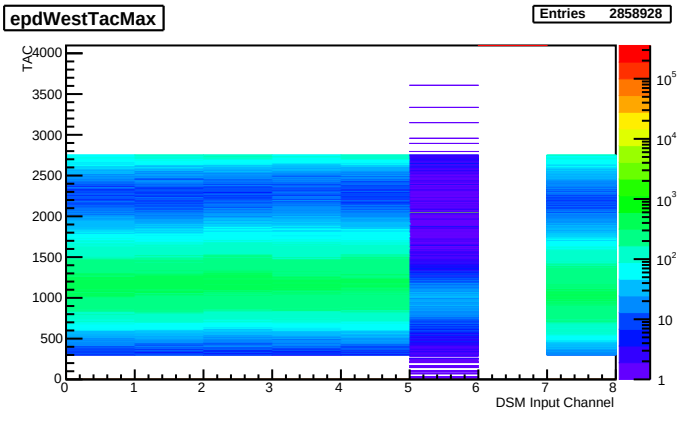
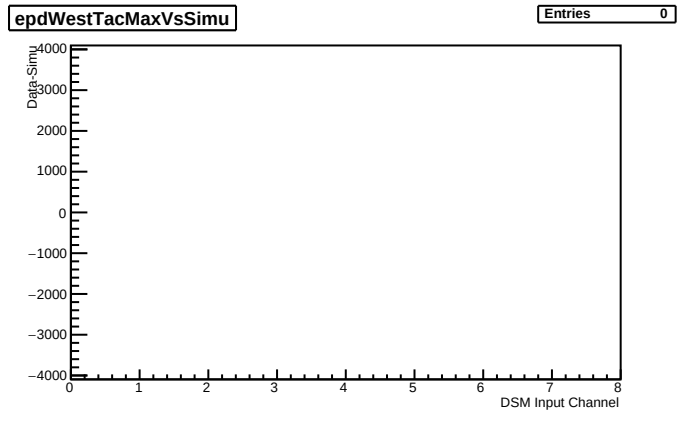
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2858928
TAC
DSM Input Channel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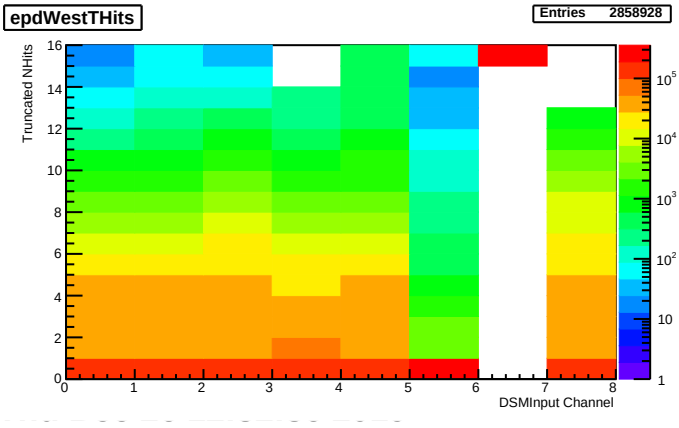
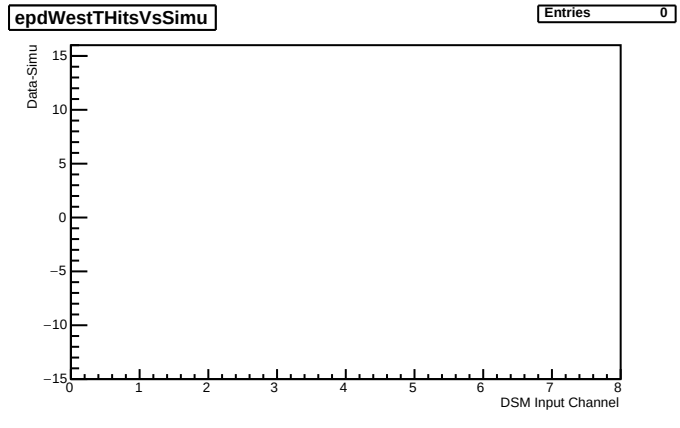
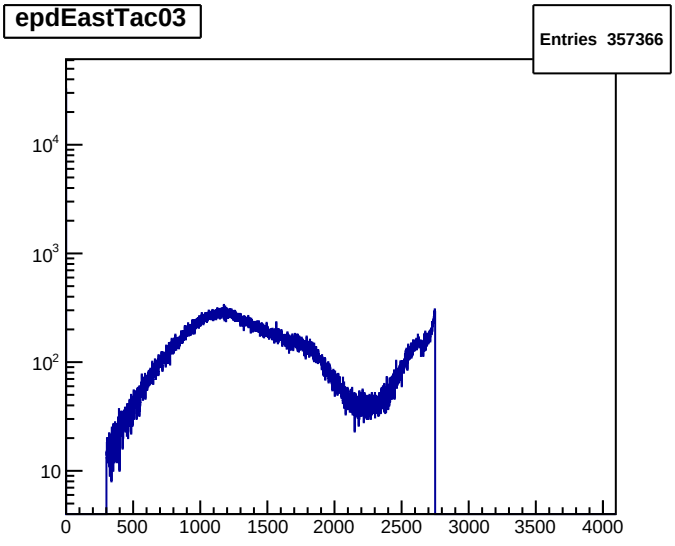
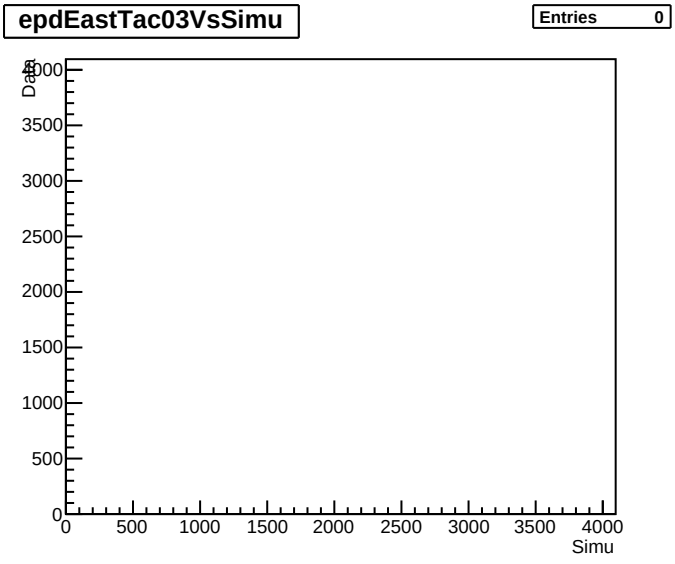
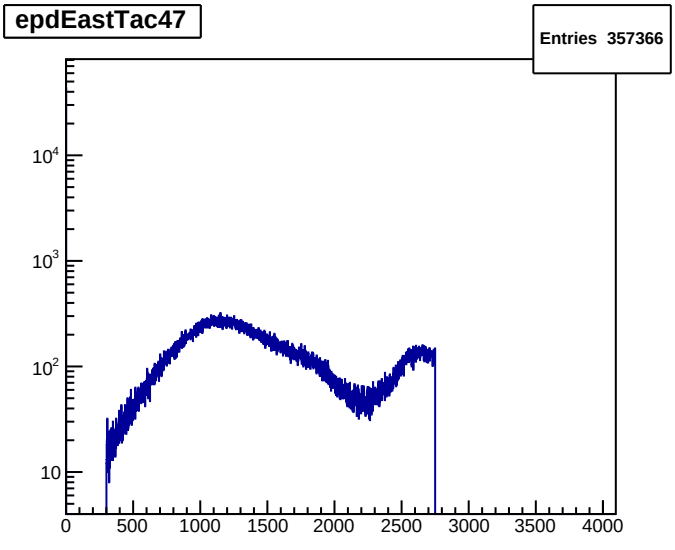
Entries 0
Data-Simu
DSM Input Channel

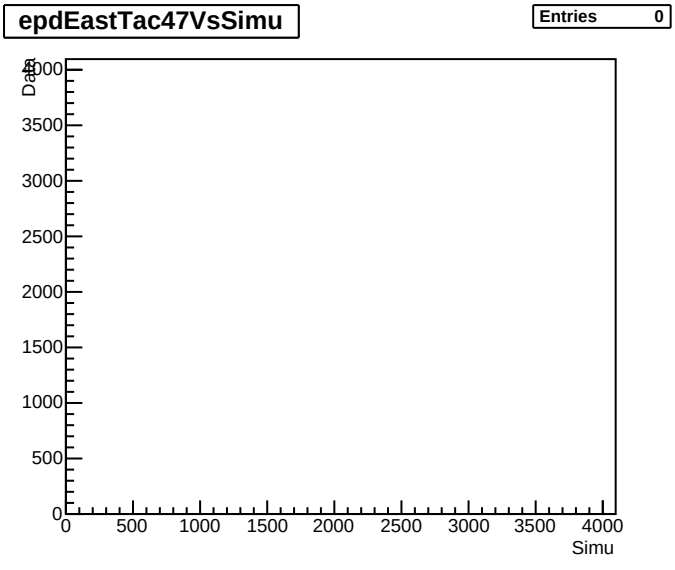

epdWestTHits
Entries 2858928
Truncated NHits
DSMInput Channel

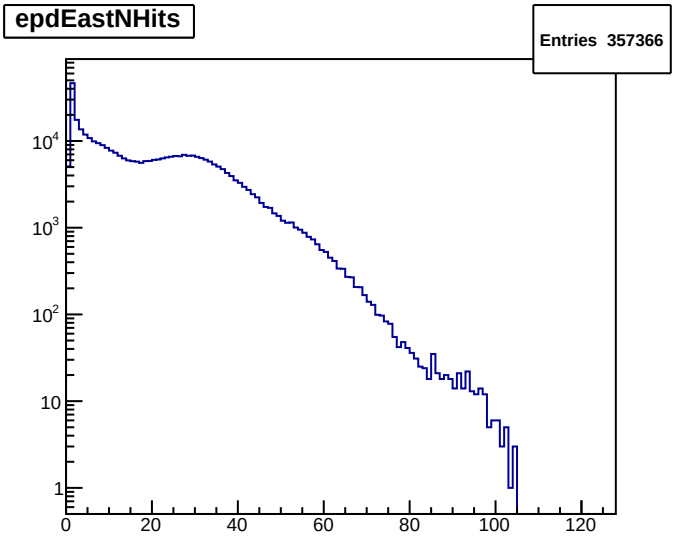

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

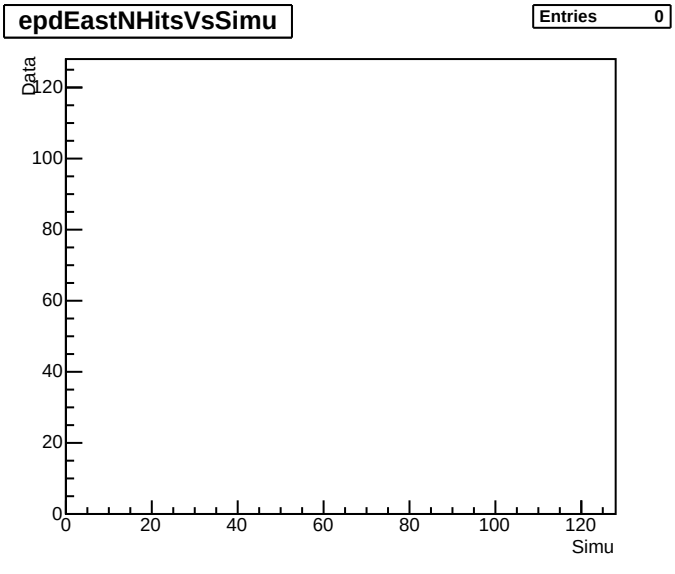

epdEastTac03
Entries 357366


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 357366


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 357366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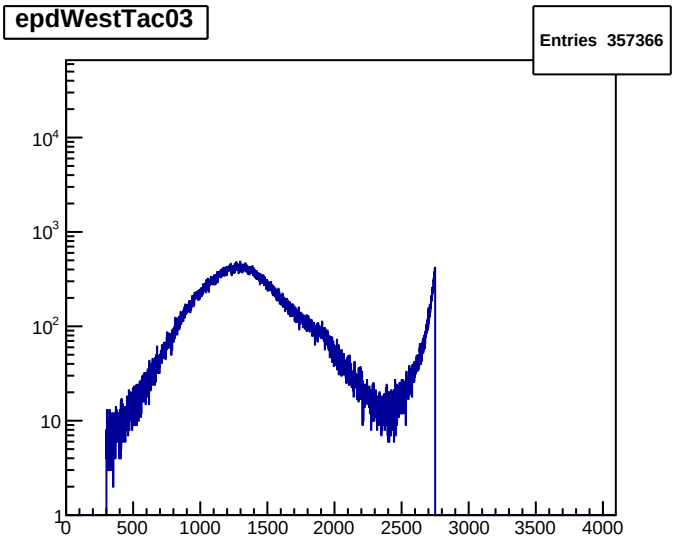
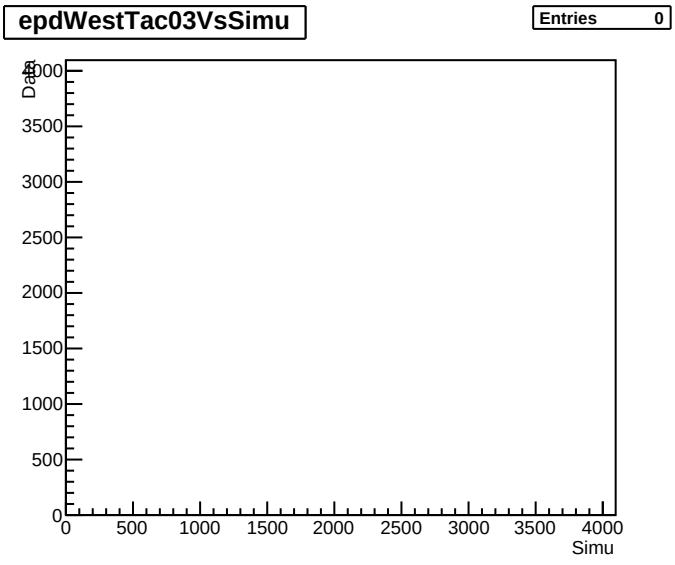
Entries 0
Data
Simu


epdWestTac03
Entries 357366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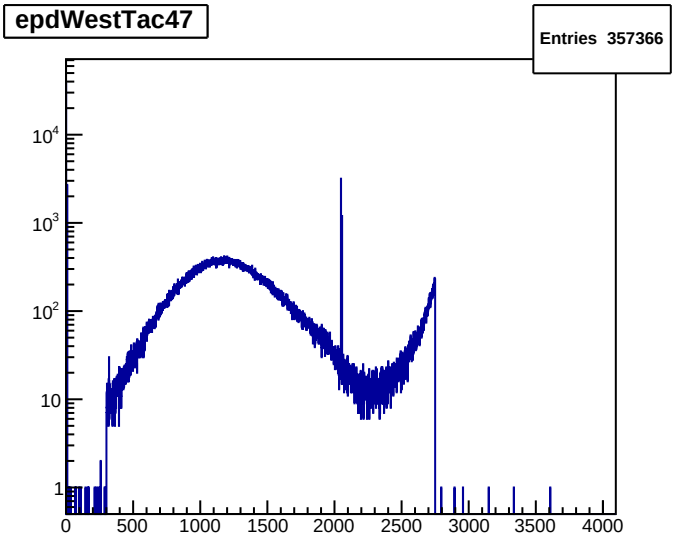
Entries 0
Data
Simu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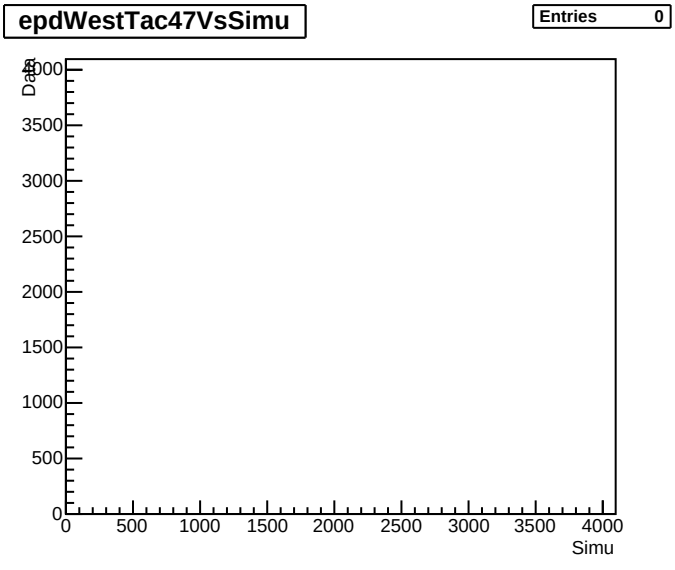
Entries 357366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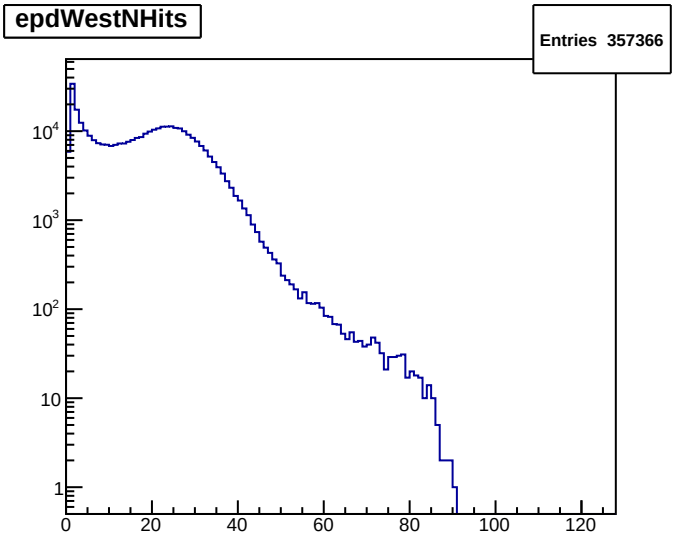
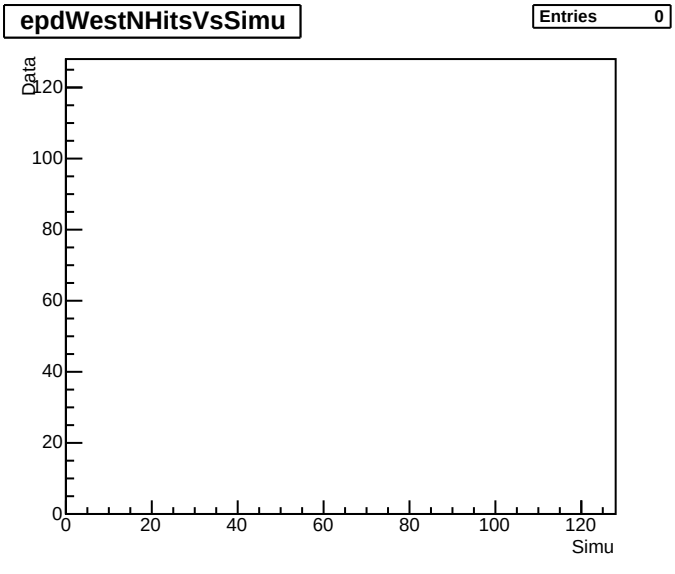
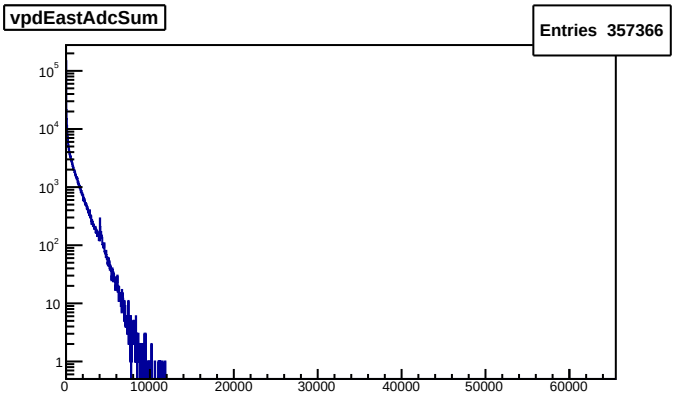
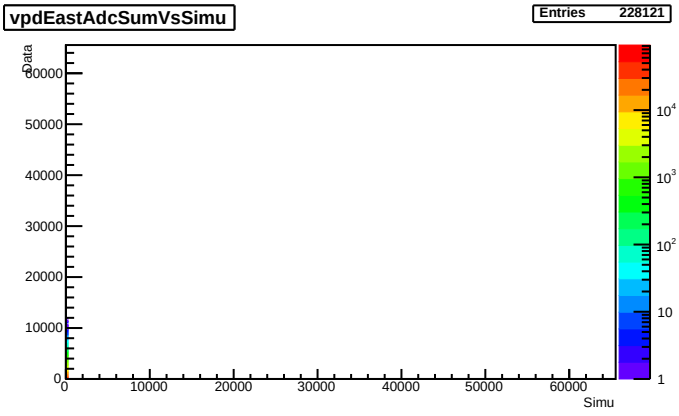
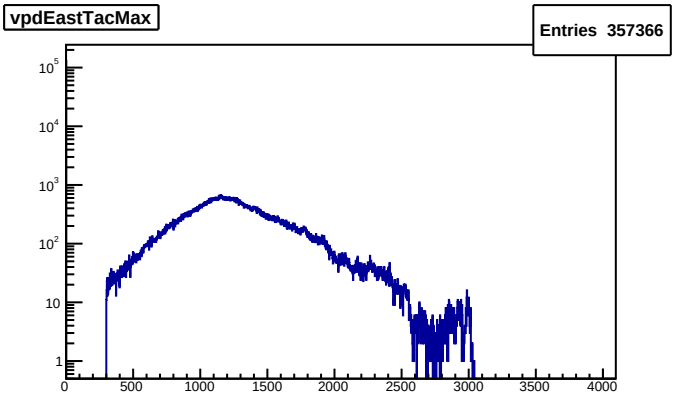
Entries 0
Data
Simu

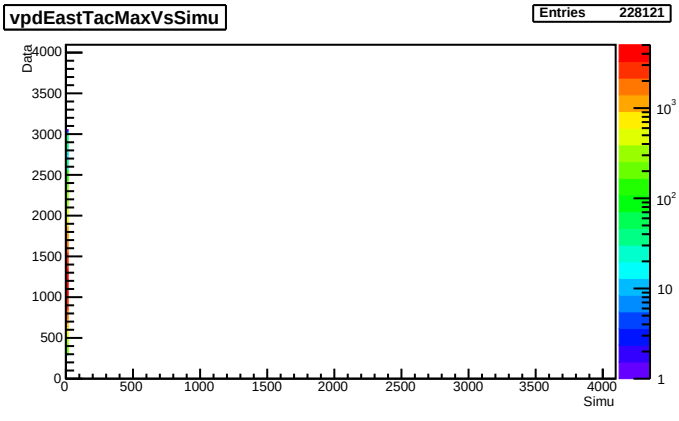

epdWestNHits
Entries 357366

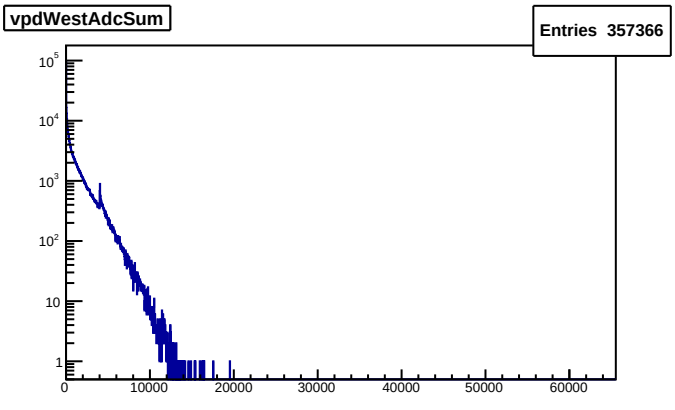

epdWestNHitsVsSimu
Entries 0
Data
Simu

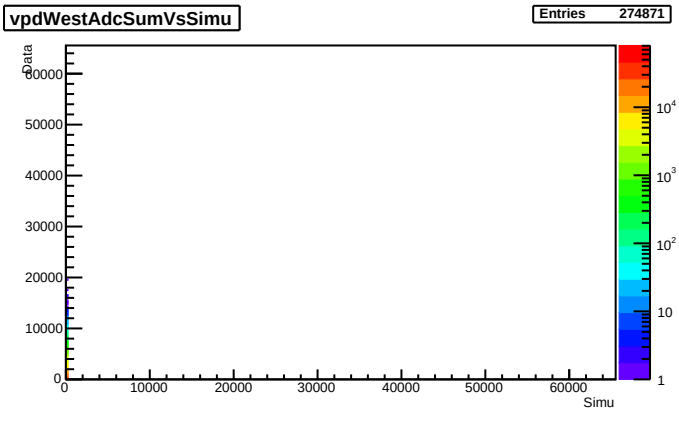

vpdEastAdcSum
Entries 357366

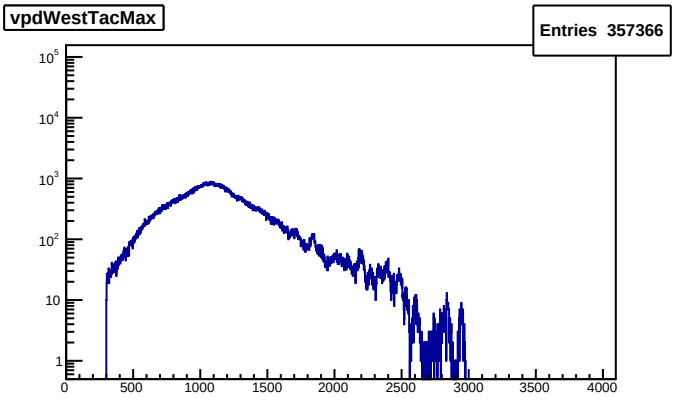

vpdEastAdcSumVsSimu
Entries 228121
Data
Simu

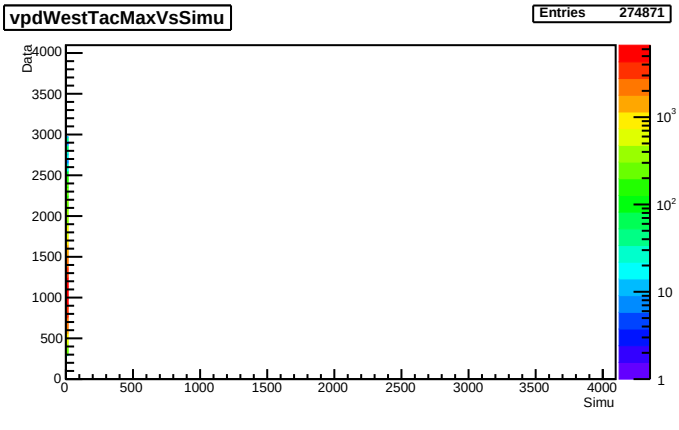

vpdEastTacMax
Entries 357366

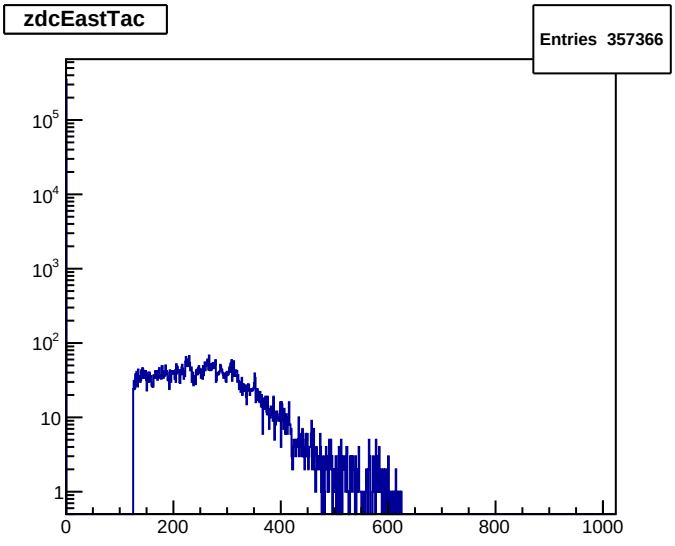

vpdEastTacMaxVsSimu
Entries 228121
Data
Simu

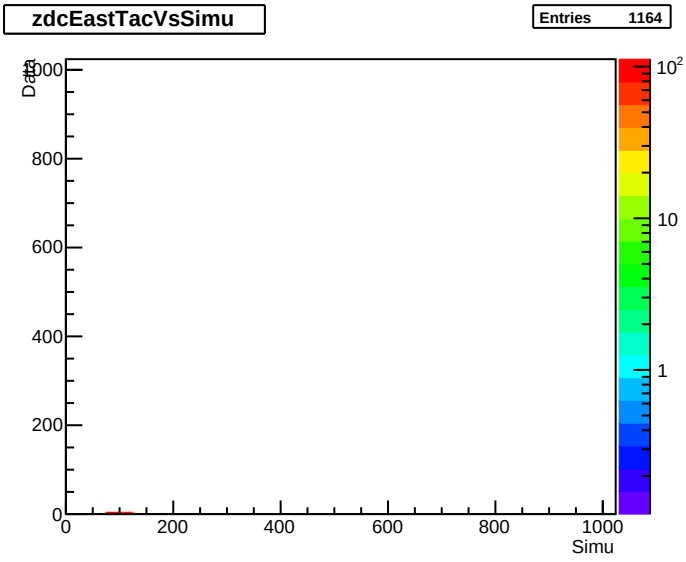

vpdWestAdcSum
Entries 357366

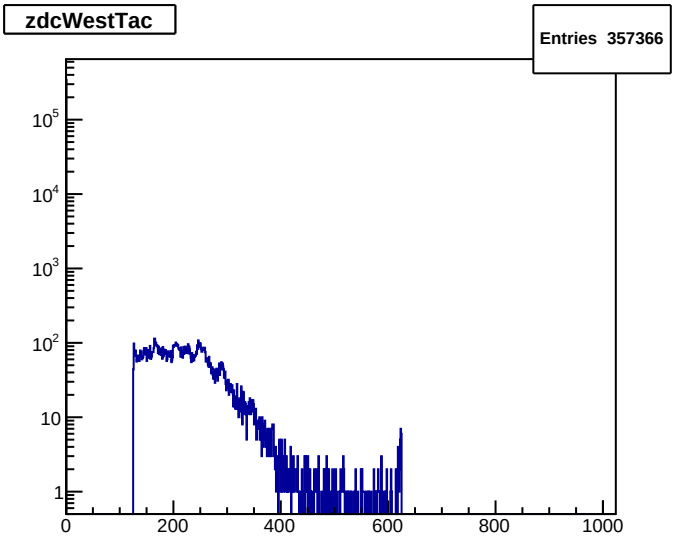

vpdWestAdcSumVsSimu
Entries 274871
Data
Simu

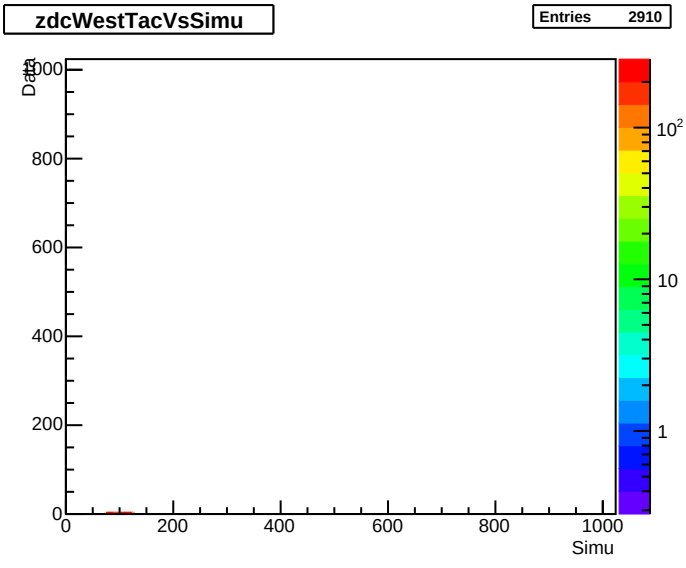

vpdWestTacMax
Entries 357366

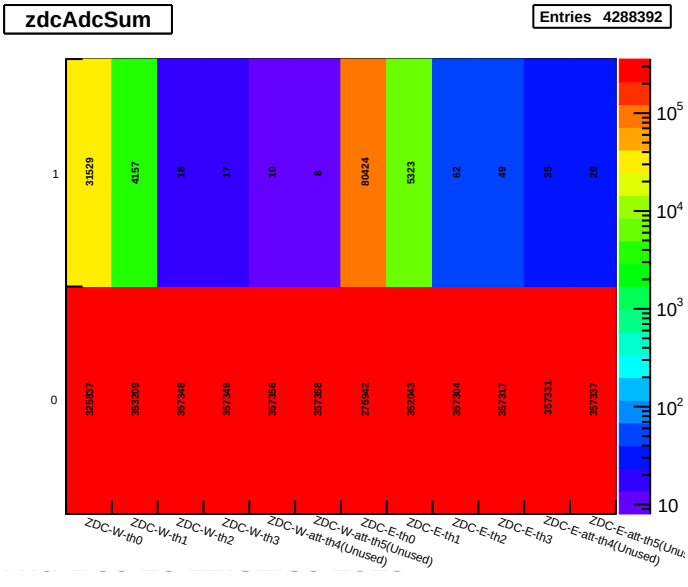

vpdWestTacMaxVsSimu
Entries 274871
Data
Simu

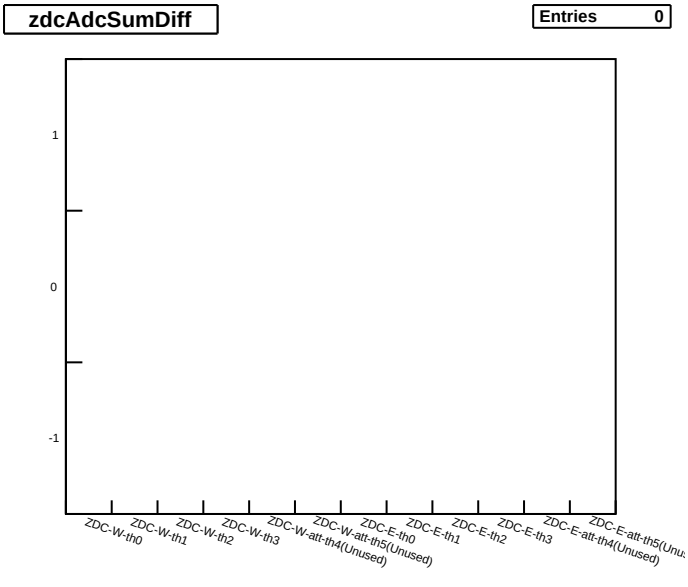

zdcEastTac
Entries 357366

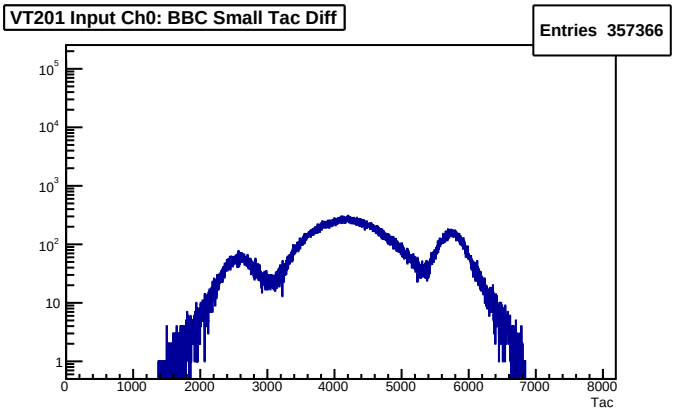

zdcEastTacVsSimu
Entries 1164
Data
Simu

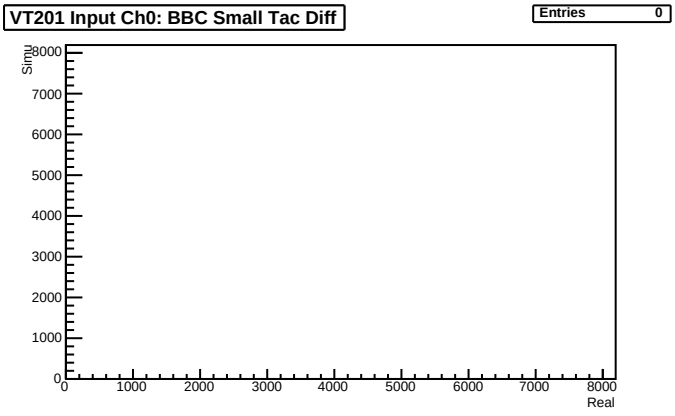

zdcWestTac
Entries 357366

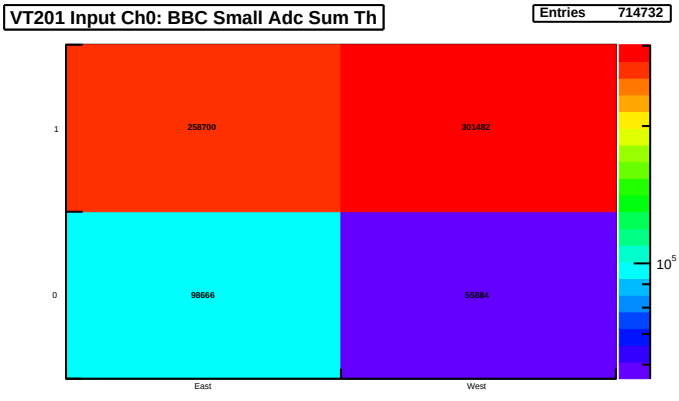

zdcWestTacVsSimu
Entries 2910
Data
Simu

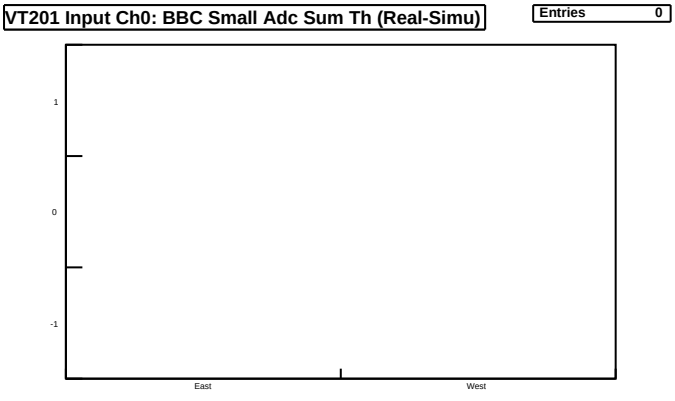

zdcAdcSum
Entries 4288392
31529
4157
18
17
10
8
80424
5323
62
49
35
29
325837
353209
357348
357349
357356
357358
276942
352043
357304
357317
357331
357337
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

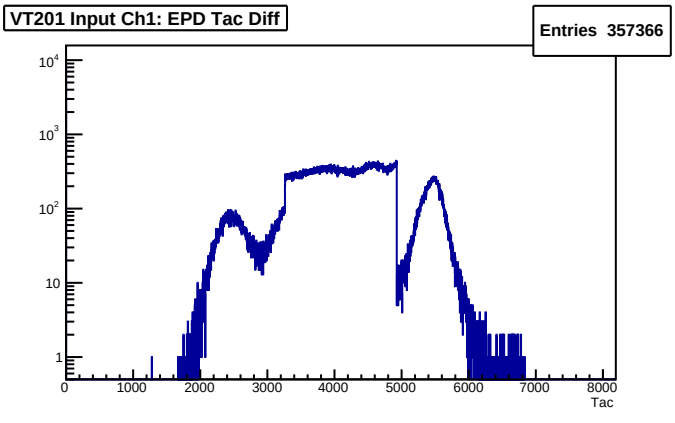

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

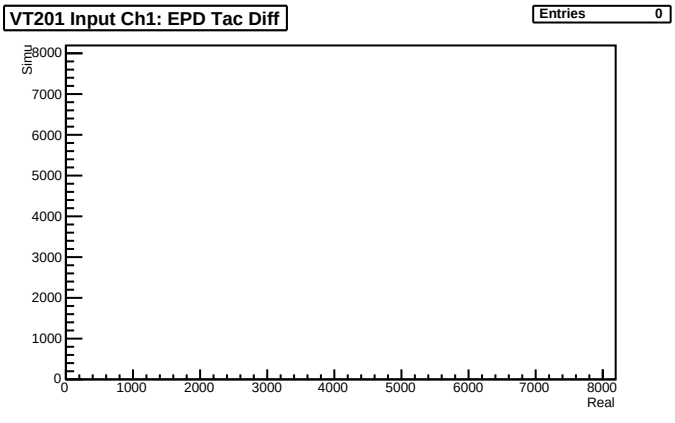

VT201 Input Ch0: BBC Small Tac Diff
Entries 357366
Tac

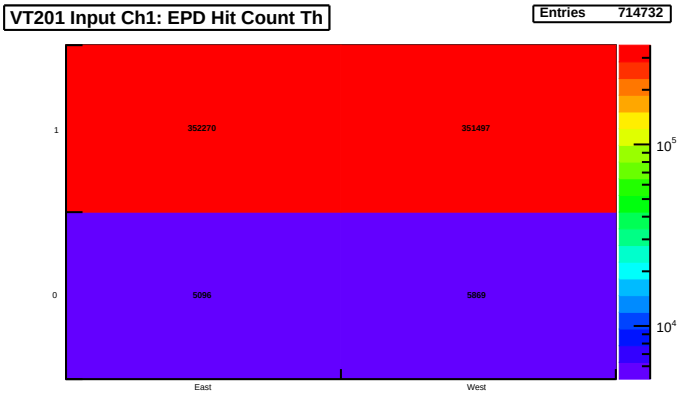

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

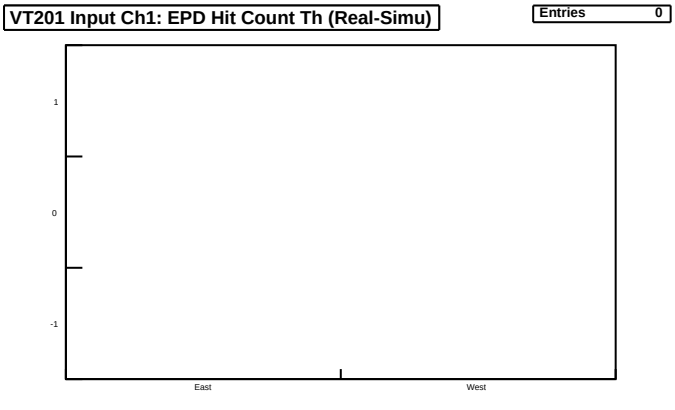

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 714732
258700
301482
98666
55884
East
West

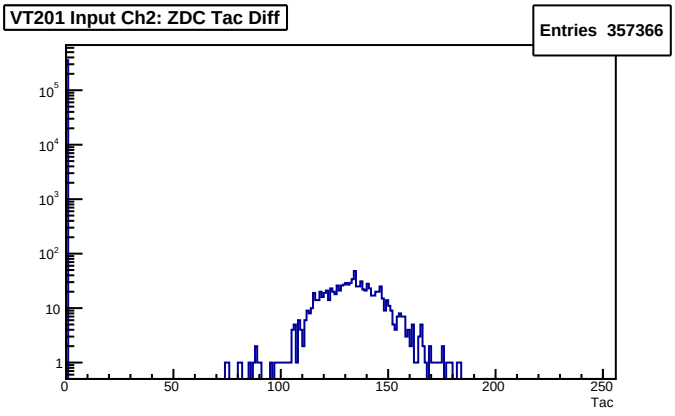

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

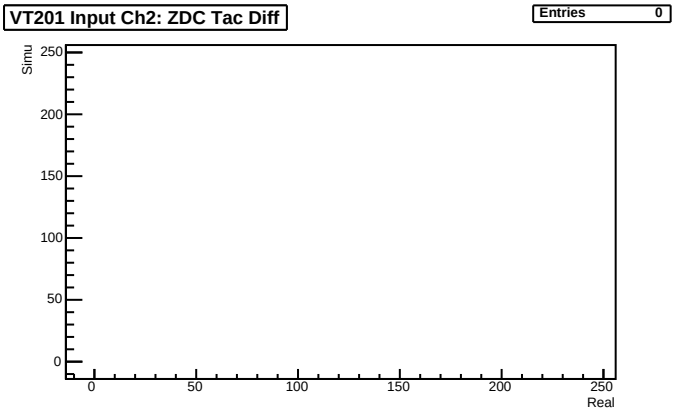

VT201 Input Ch1: EPD Tac Diff
Entries 357366
Tac

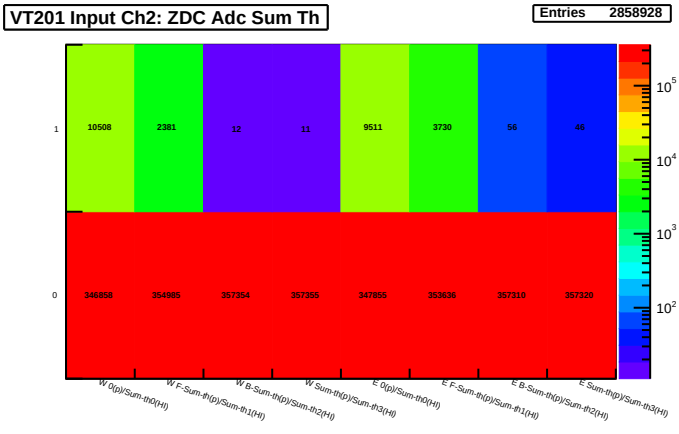

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

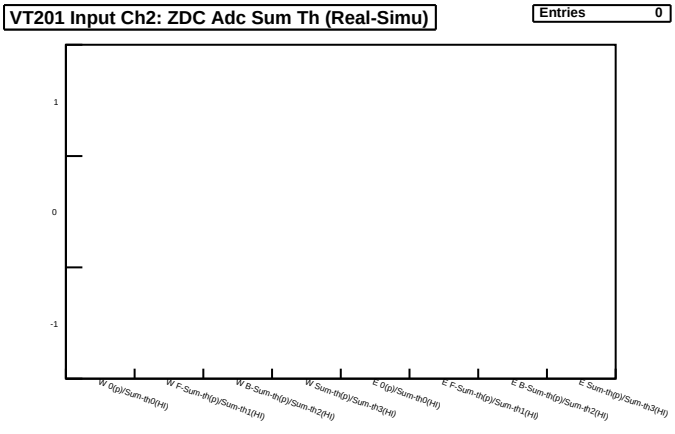

VT201 Input Ch1: EPD Hit Count Th
Entries 714732
352270
351497
5096
5869
East
West

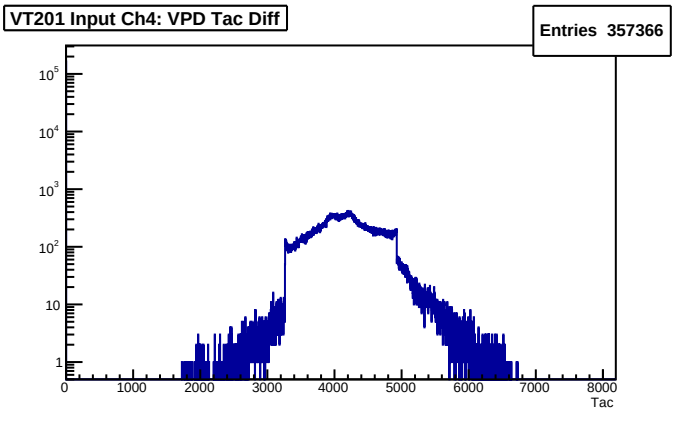

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

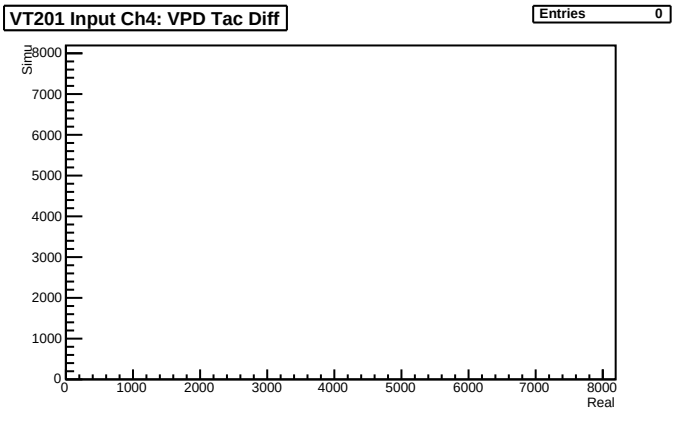

VT201 Input Ch2: ZDC Tac Diff
Entries 357366
Tac

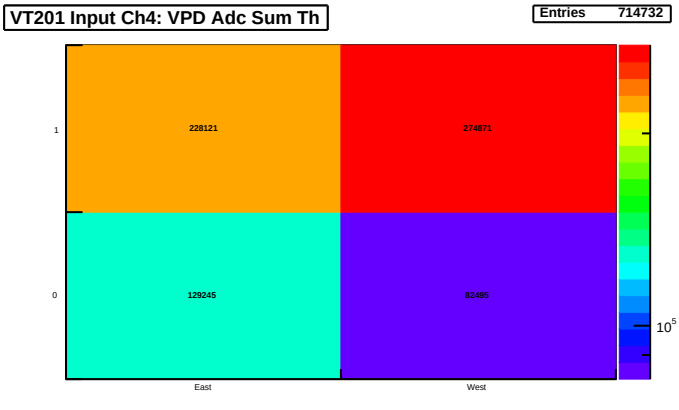

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

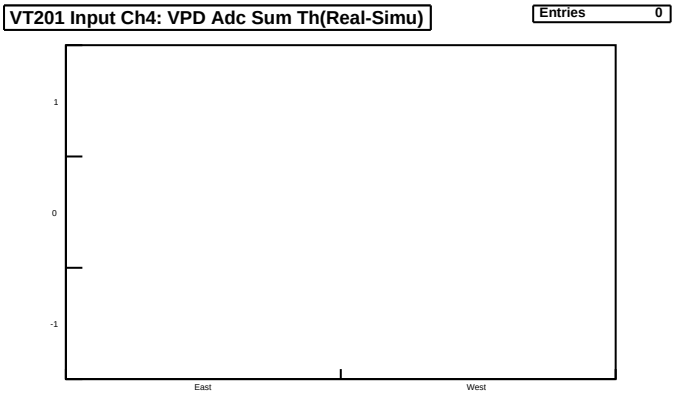

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2858928
10508
2381
12
11
9511
3730
56
46
346858
354985
357354
357355
347855
353636
357310
357320
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

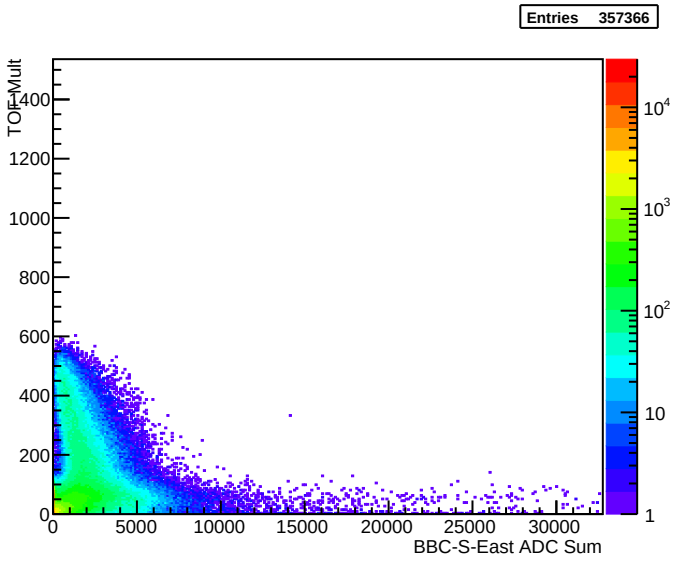

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

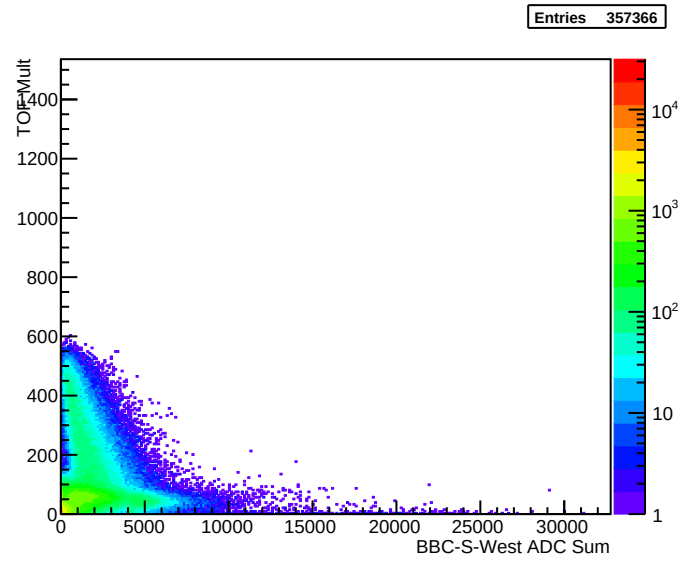

VT201 Input Ch4: VPD Tac Diff
Entries 357366
Tac

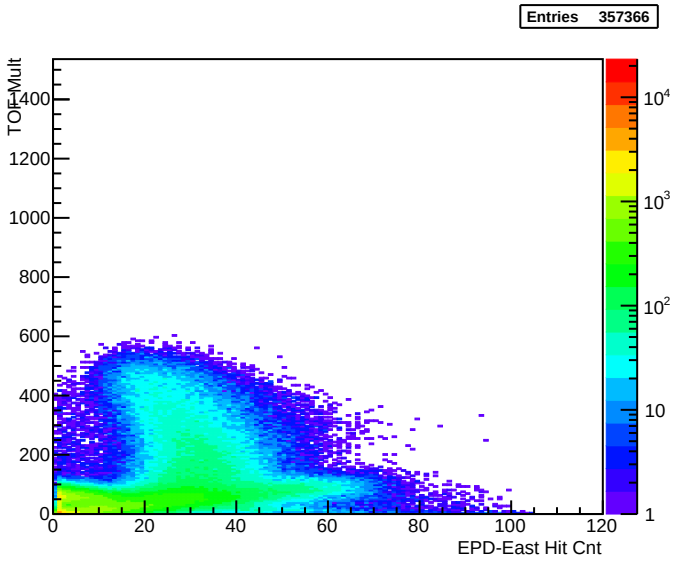

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

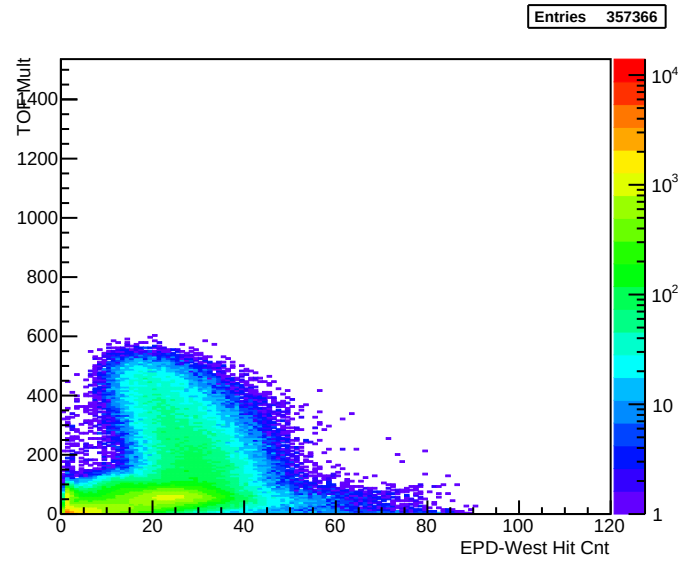

VT201 Input Ch4: VPD Adc Sum Th
Entries 714732
228121
274871
129245
82495
East
West

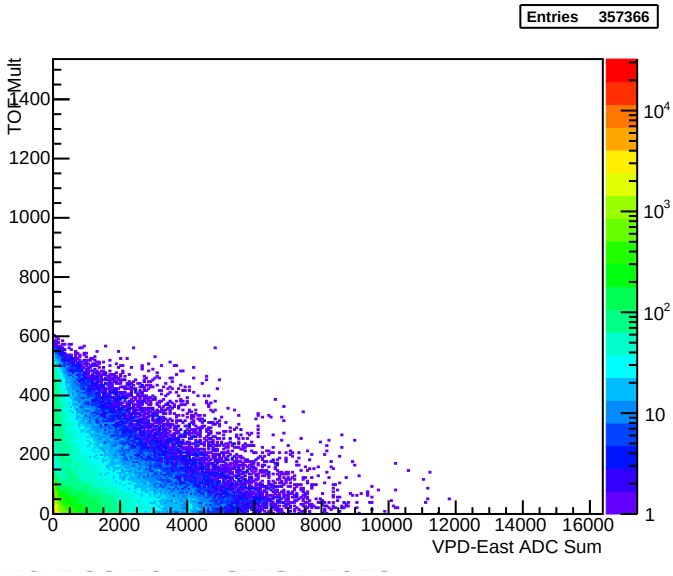

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

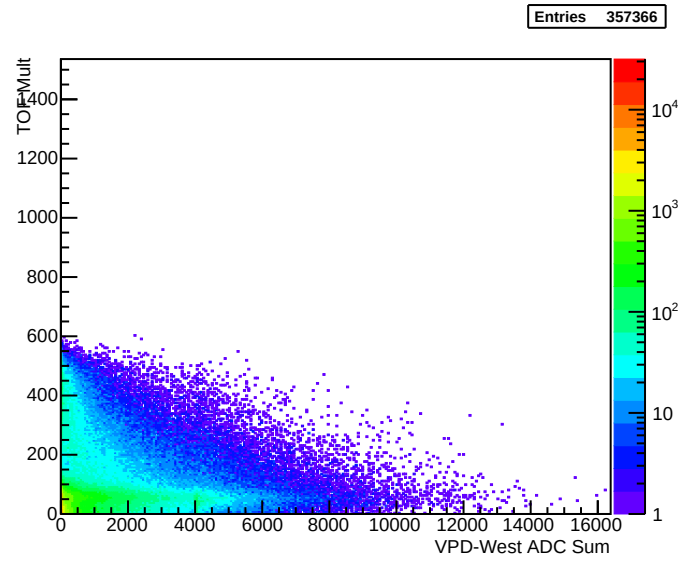

Entries 357366
TOF-Mult
BBC-S-East ADC Sum

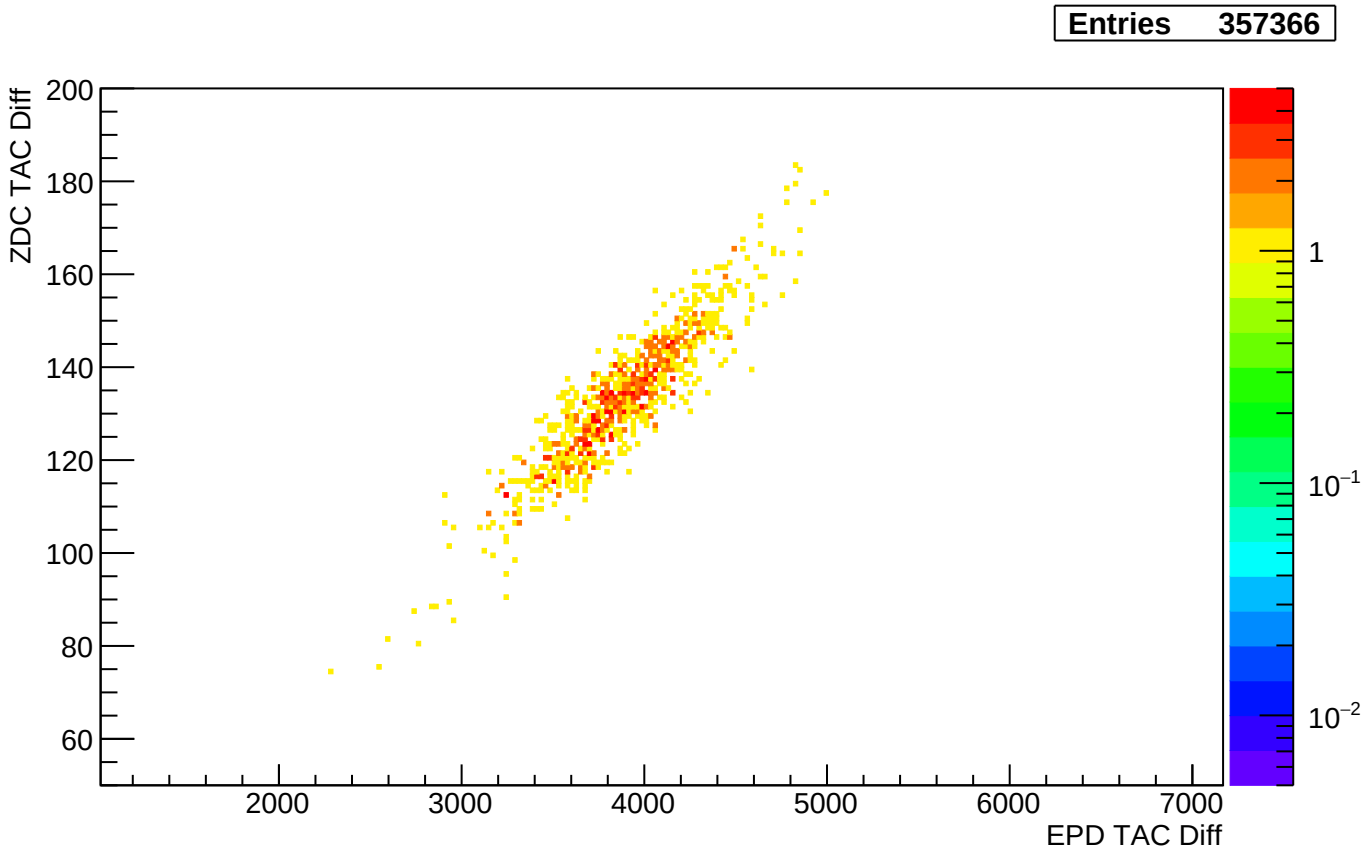

Entries 357366
TOF-Mult
BBC-S-West ADC Sum

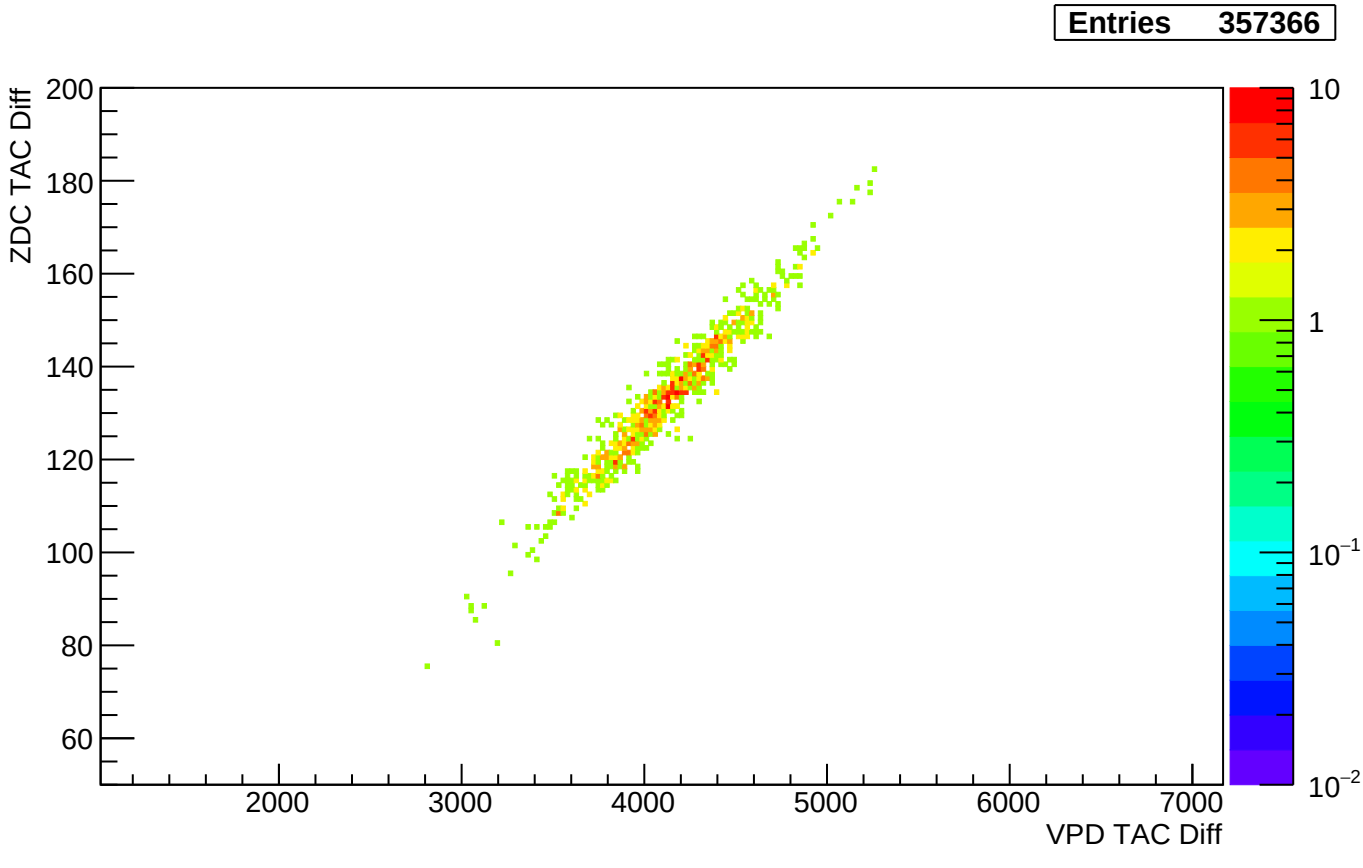

Entries 357366
TOF-Mult
EPD-East Hit Cnt

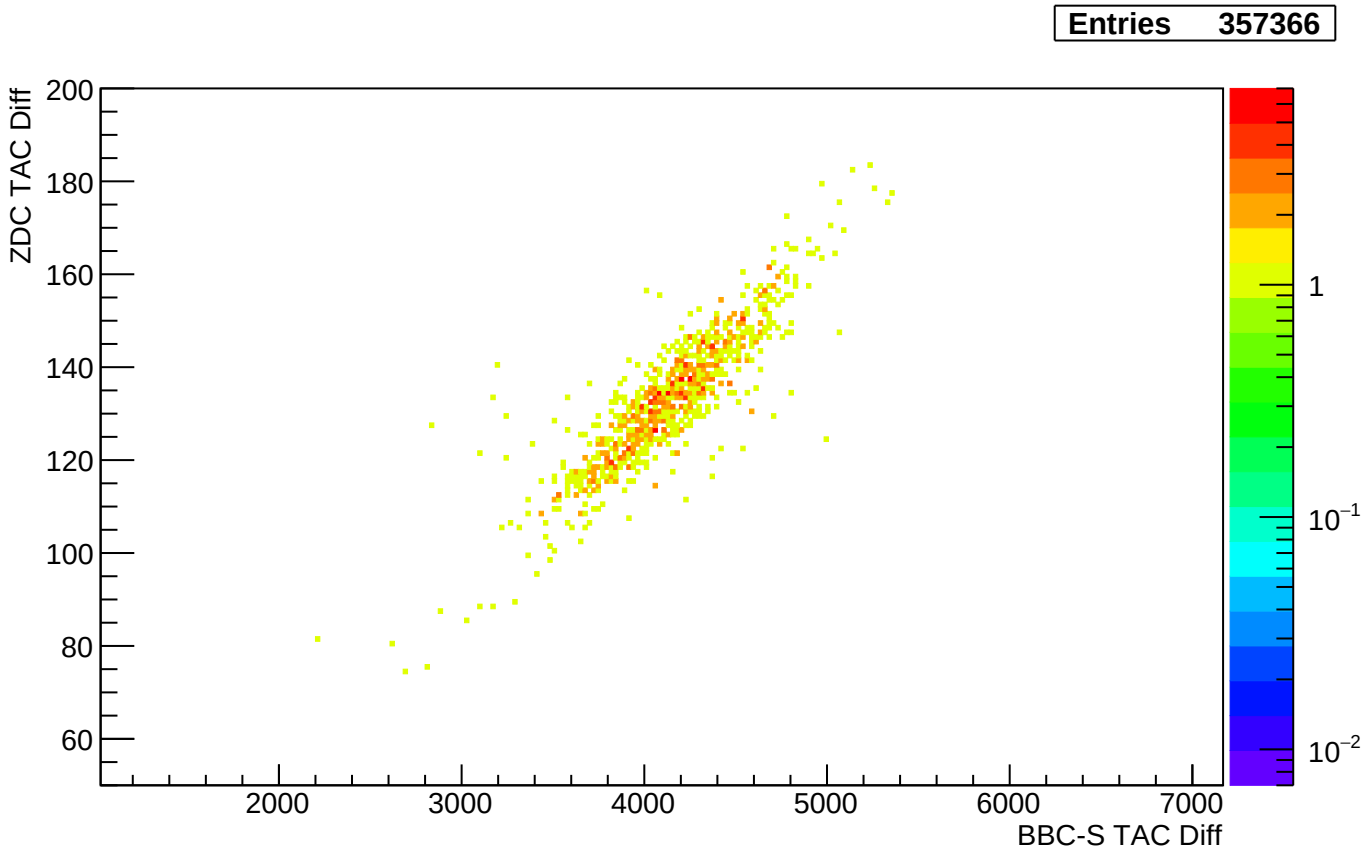

Entries 357366
TOF-Mult
EPD-West Hit Cnt

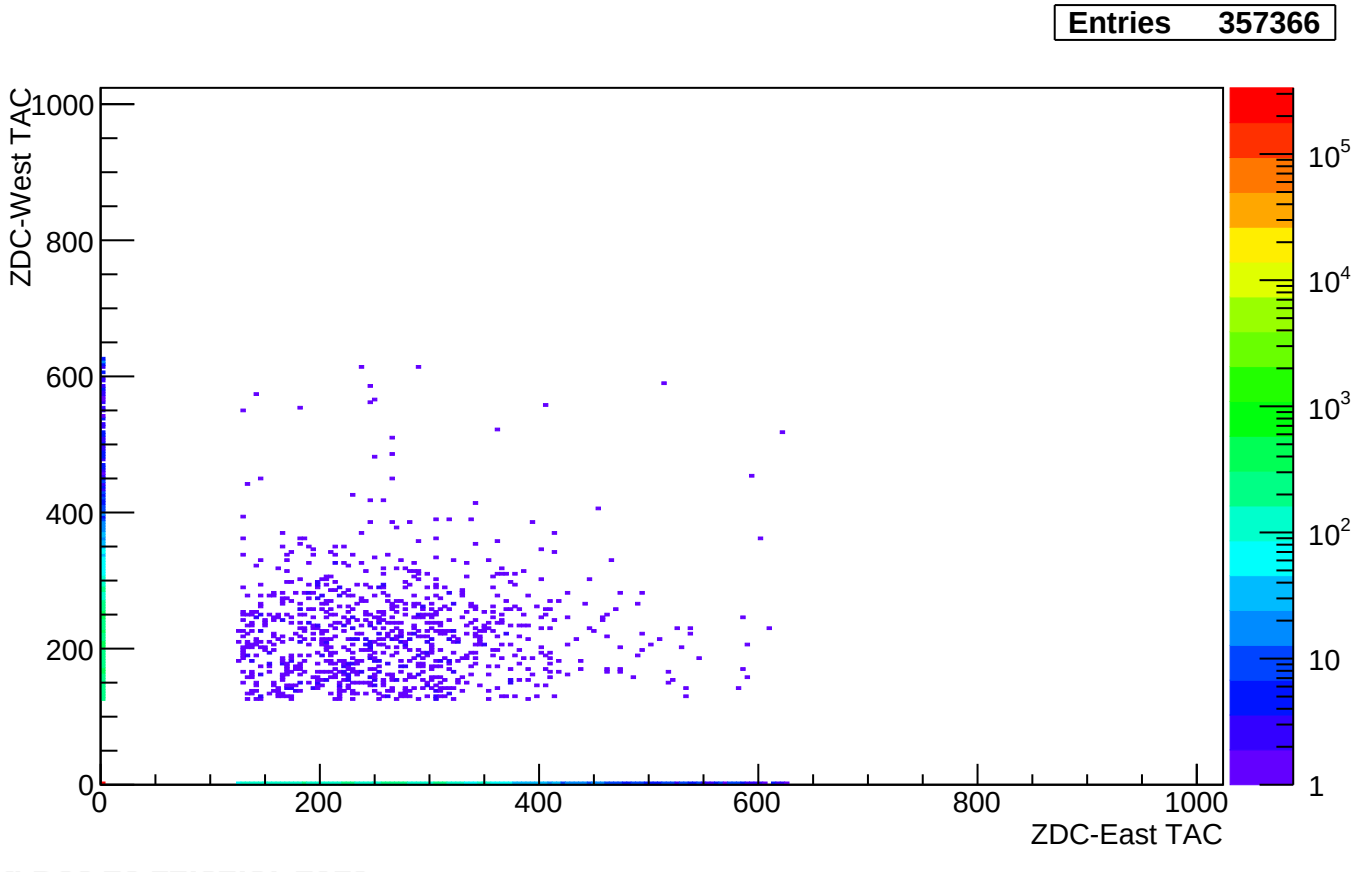

Entries 357366
TOF-Mult
VPD-East ADC Sum

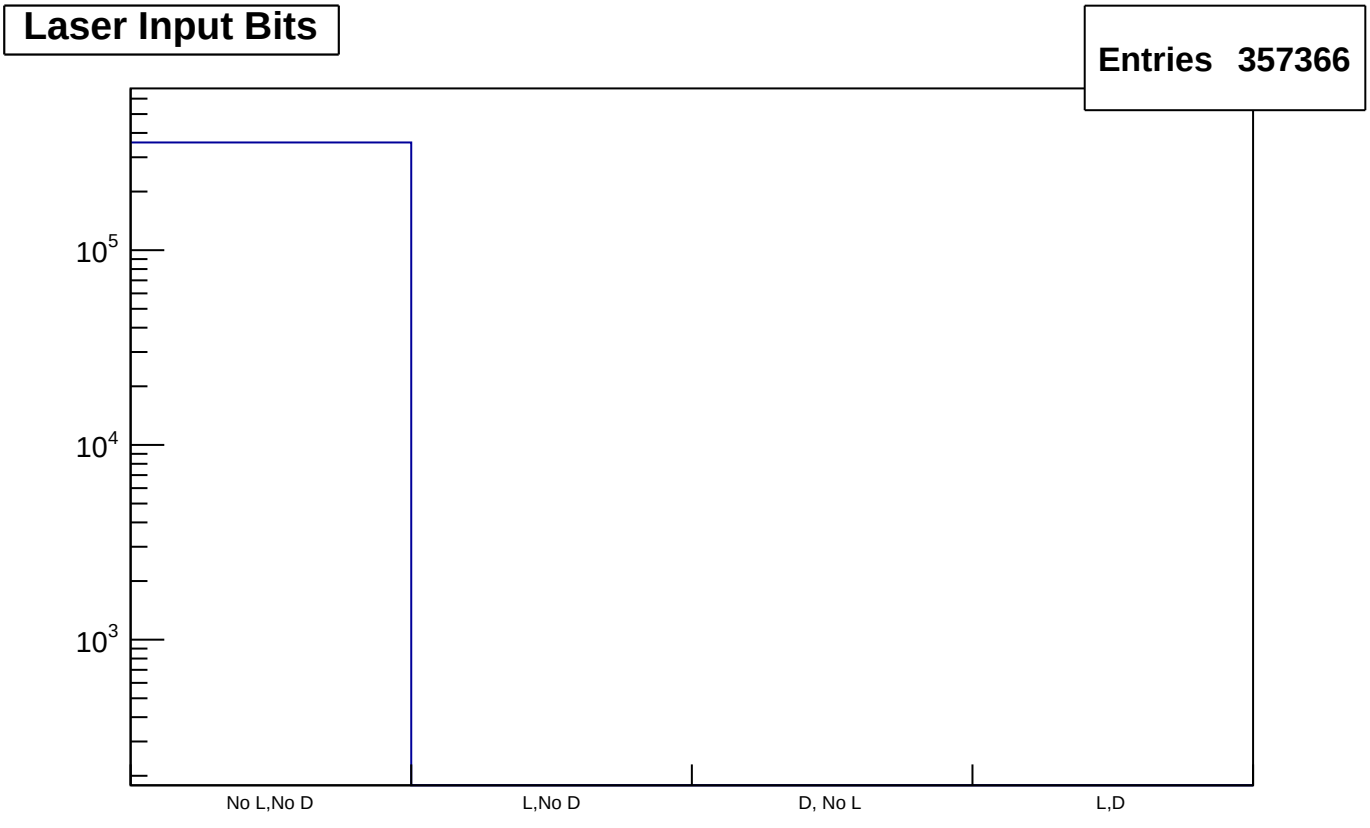

Entries 357366
TOF-Mult
VPD-West ADC Sum

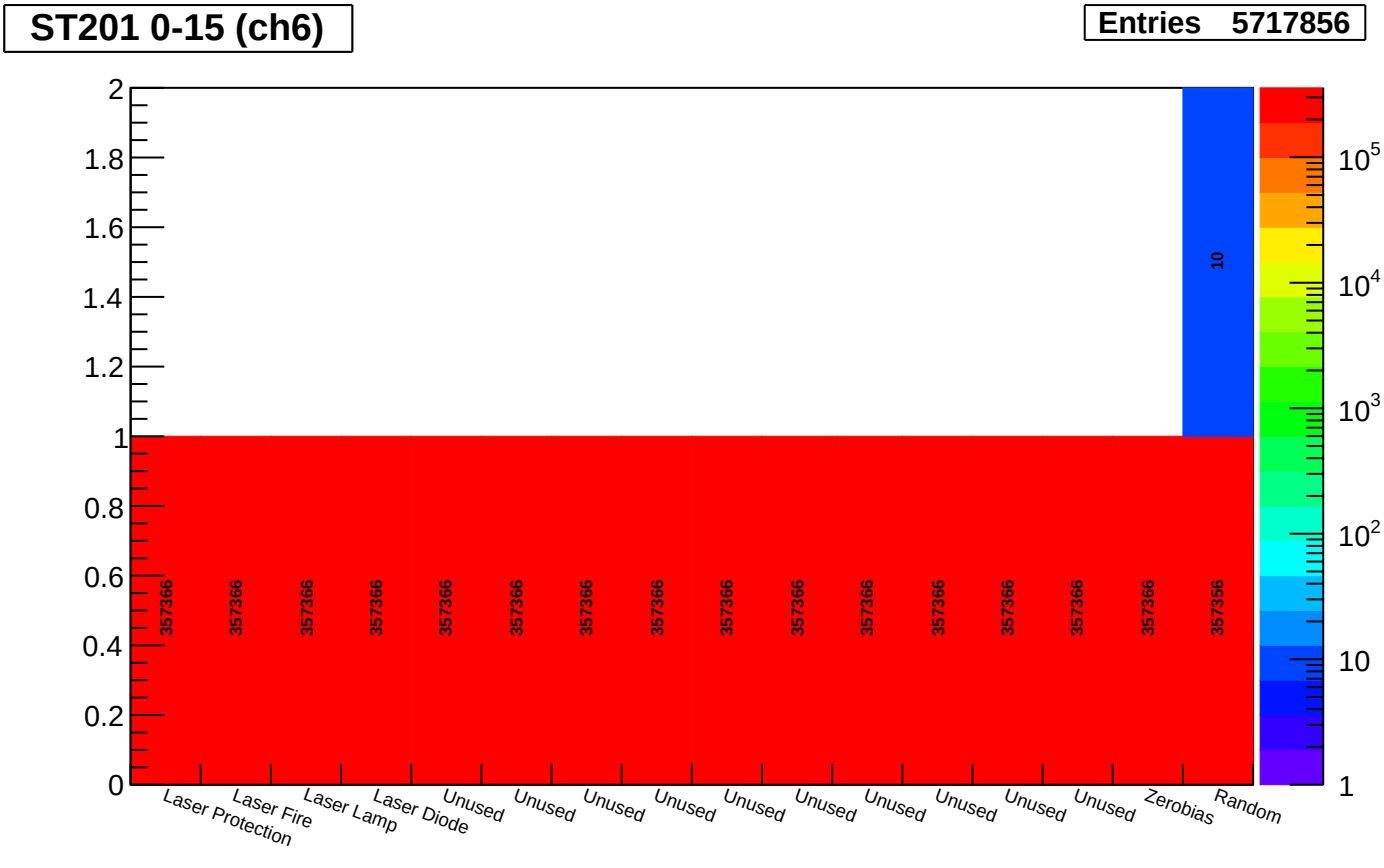

Entries 357366
ZDC TAC Diff
EPD TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

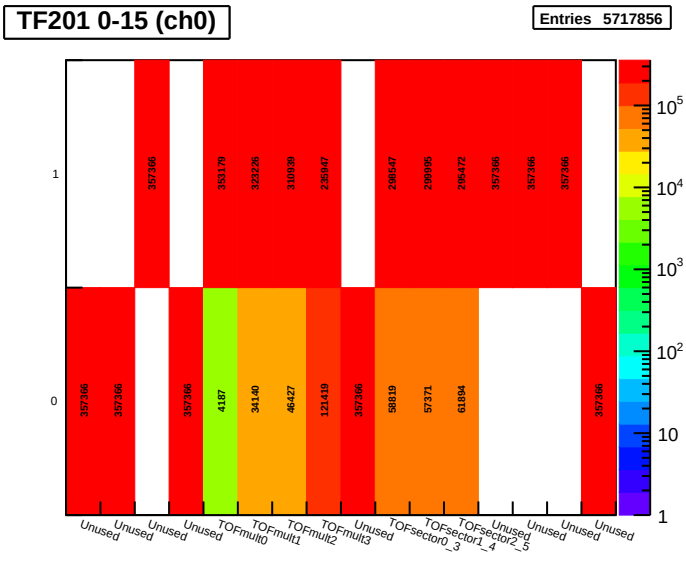

Entries 357366
ZDC TAC Diff
VPD TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
10
1
10^{-1}
10^{-2}

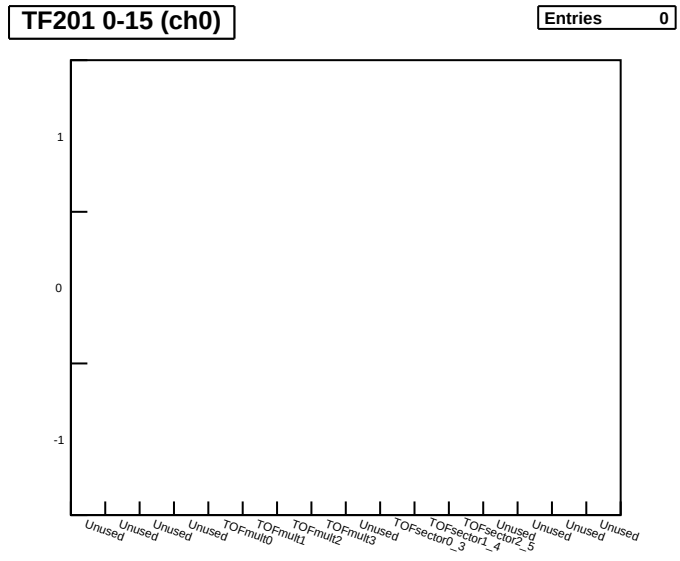

Entries 357366
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

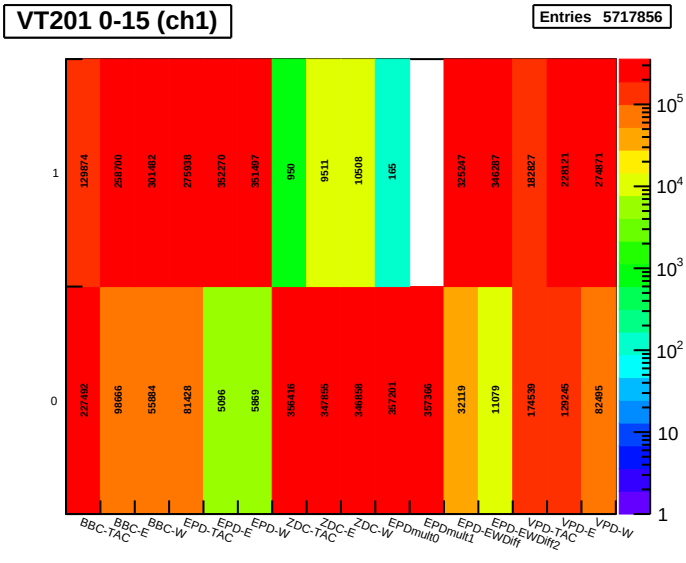

Entries 357366
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

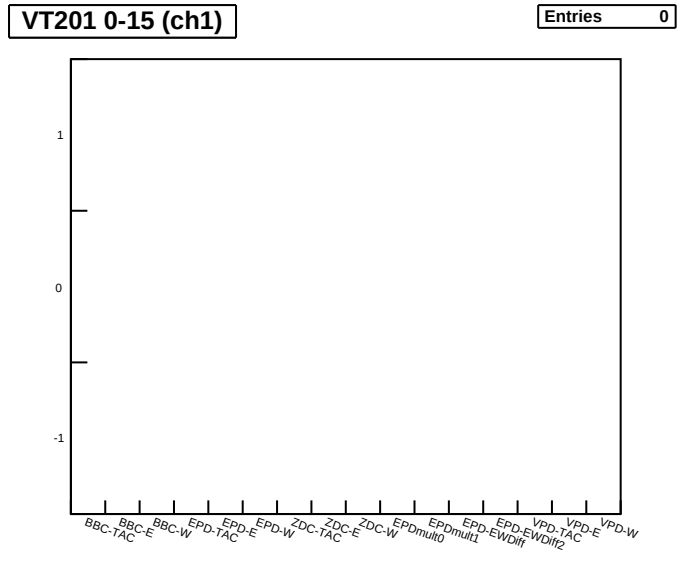

Laser Input Bits
Entries 357366
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

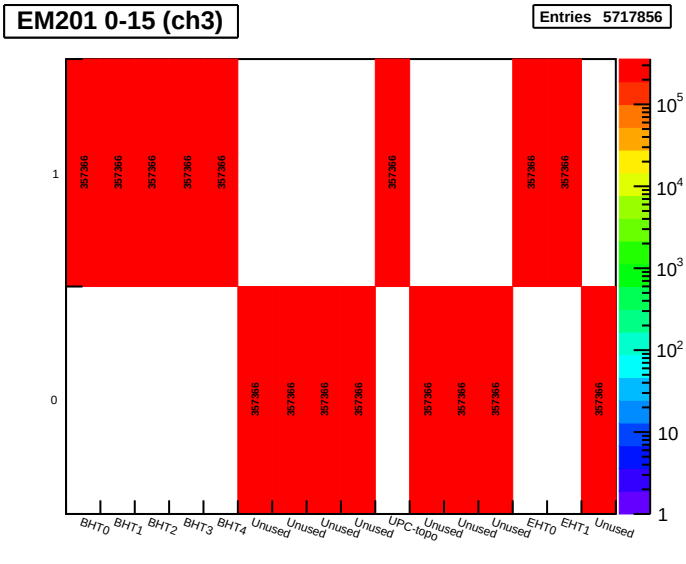

ST201 0-15 (ch6)
Entries 5717856
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
357366
357356
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

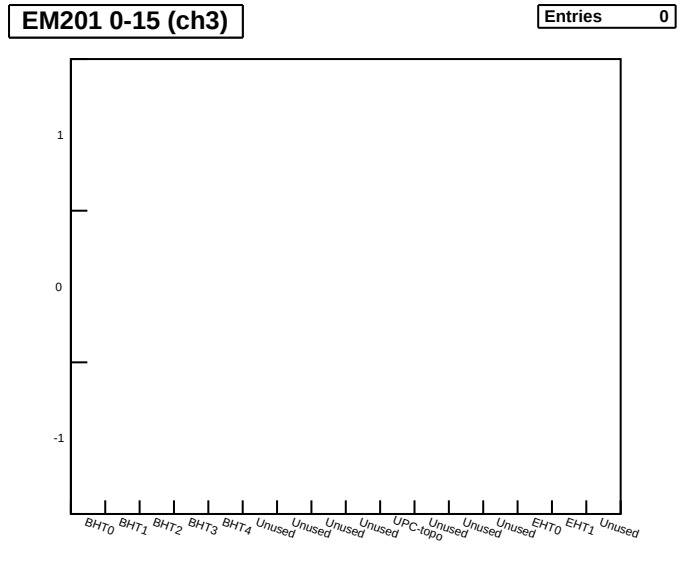

TF201 0-15 (ch0)
Entries 5717856
1
0
357366
353179
323226
310939
235947
298547
299995
295472
357366
357366
357366
357366
357366
357366
357366
4187
34140
46427
121419
357366
58819
57371
61894
357366
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 5717856
1
0
129874
258700
301482
275938
352270
351497
950
9511
10508
165
325247
346287
182827
228121
274871
227492
98666
55884
81428
5096
5869
356416
347855
346858
357201
357366
32119
11079
174539
129245
82495
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 5717856
1
0
357366
357366
357366
357366
357366
357366
357366
357366
357366
357366
357366
357366
357366
357366
357366
357366
357366
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