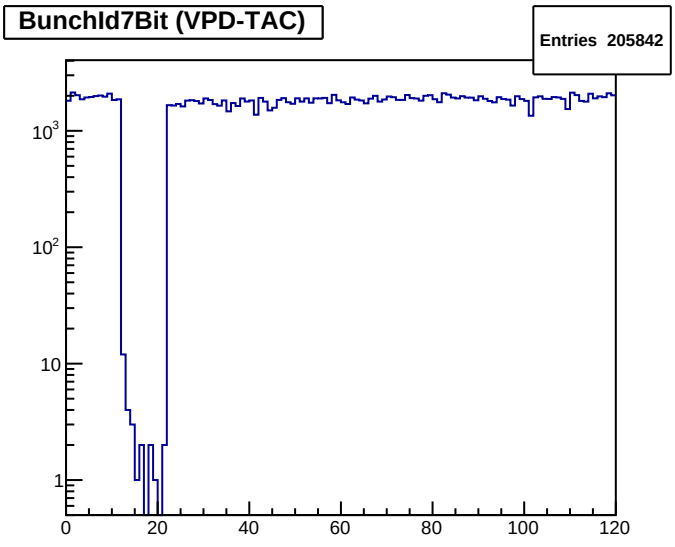
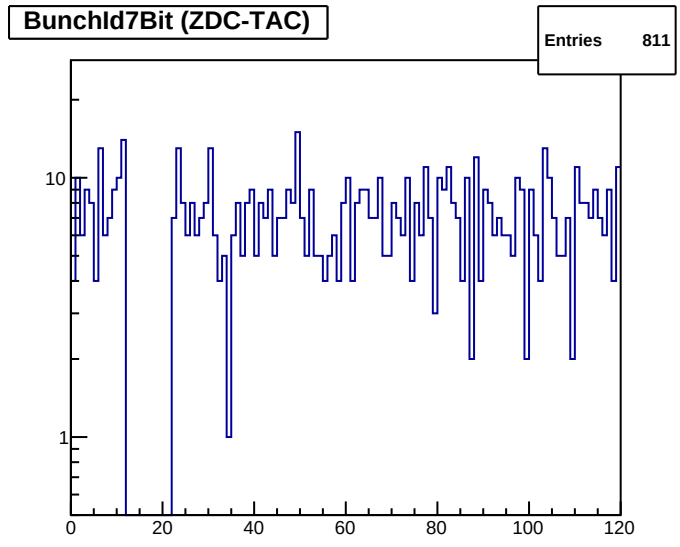
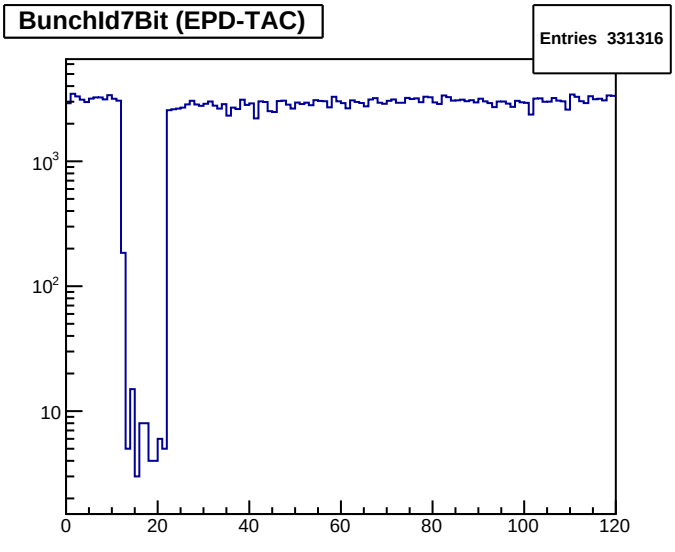
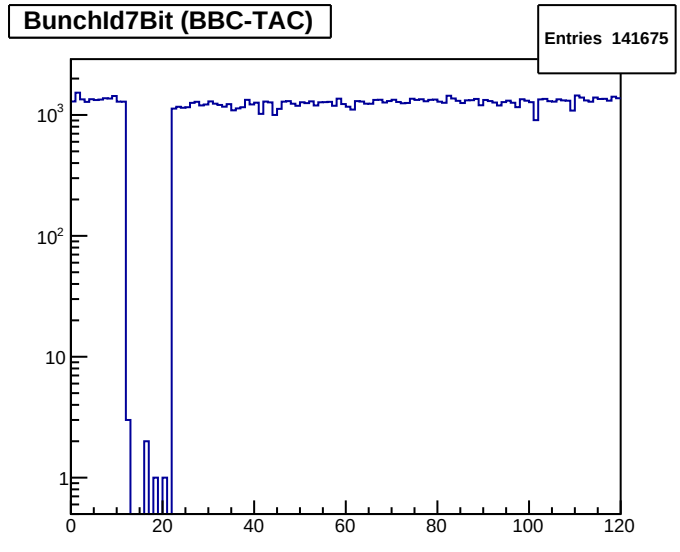
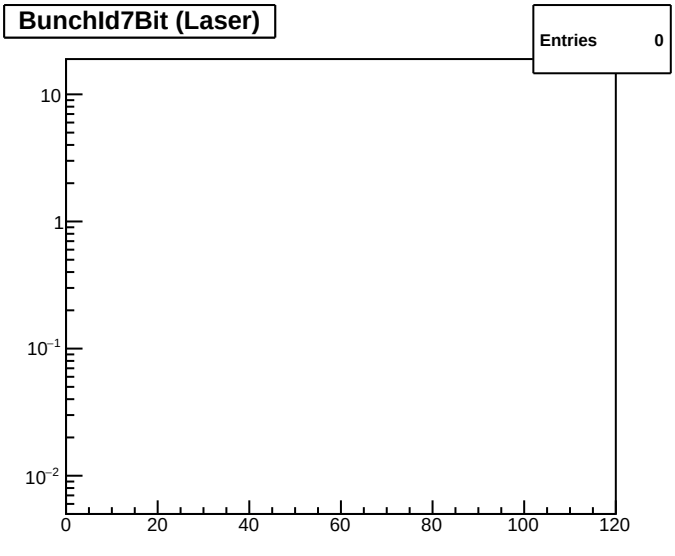
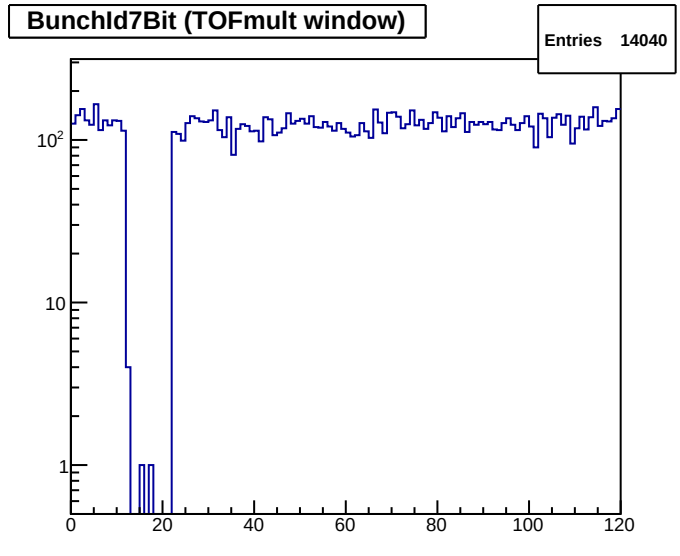

BunchId7Bit (VPD-TAC)
Entries 205842

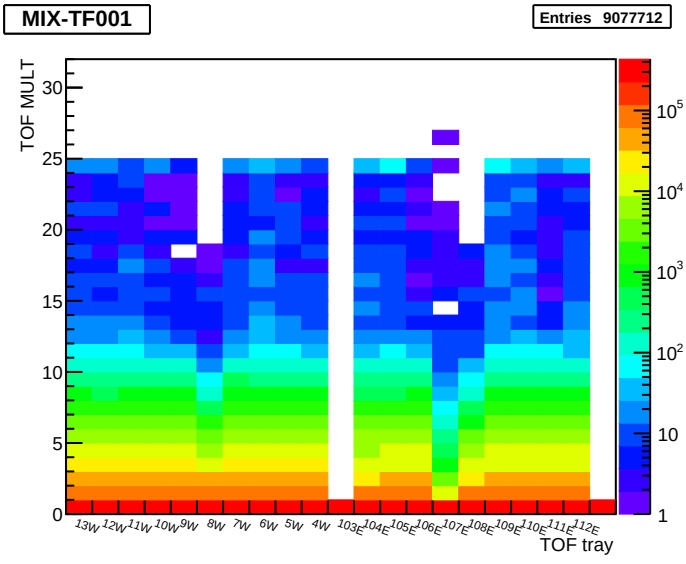

BunchId7Bit (ZDC-TAC)
Entries 811

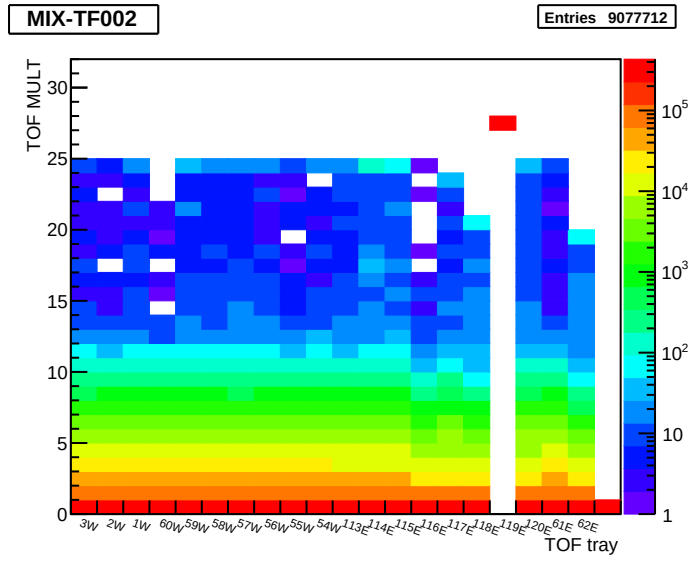

BunchId7Bit (EPD-TAC)
Entries 331316

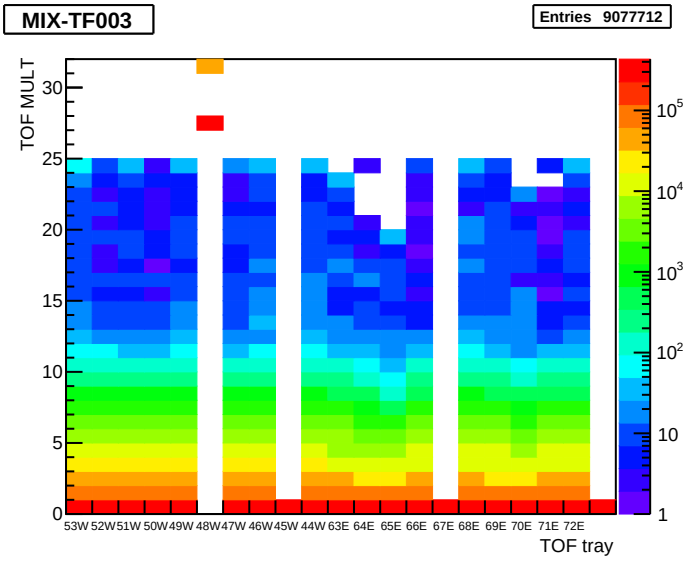

BunchId7Bit (BBC-TAC)
Entries 141675

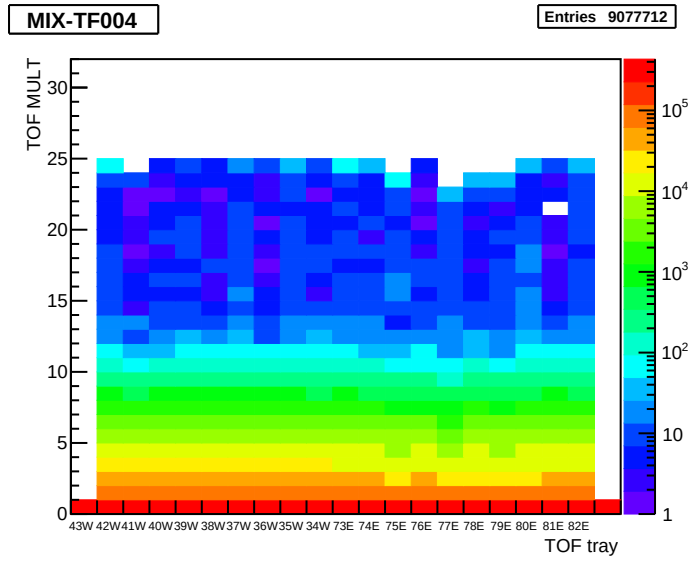

BunchId7Bit (Laser)
Entries 0

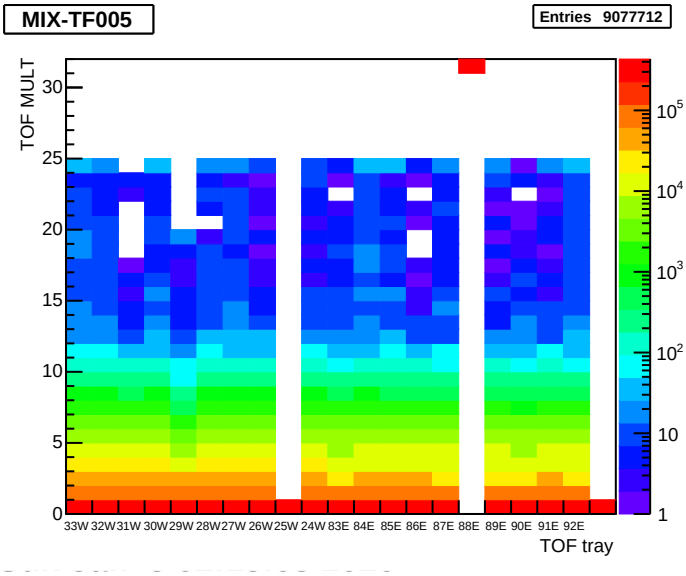

BunchId7Bit (TOFmult window)
Entries 14040

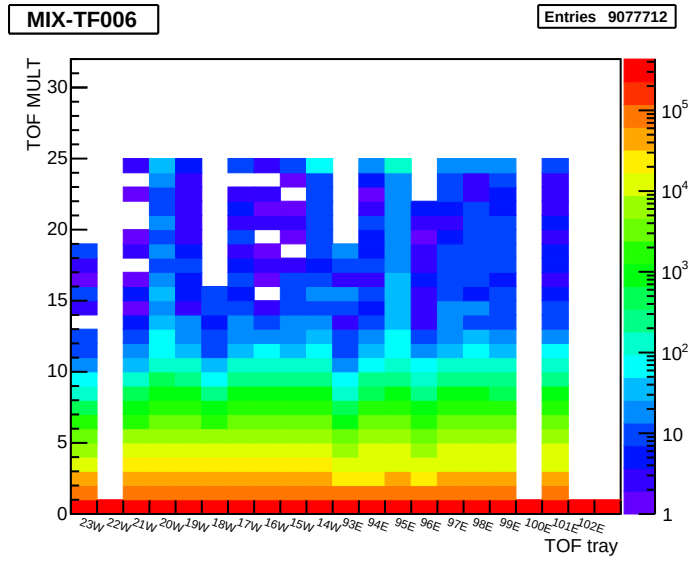

MIX-TF001
Entries 9077712
TOF MULT
TOF tray

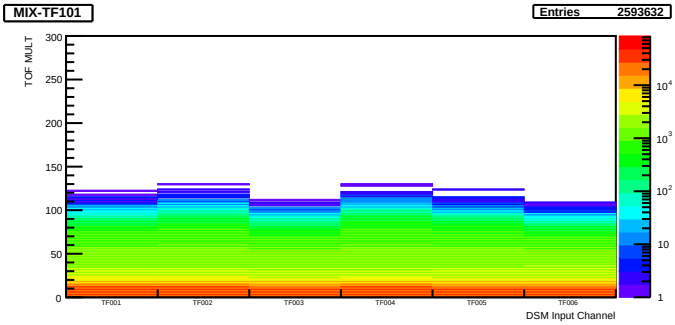

MIX-TF002
Entries 9077712
TOF MULT
TOF tray

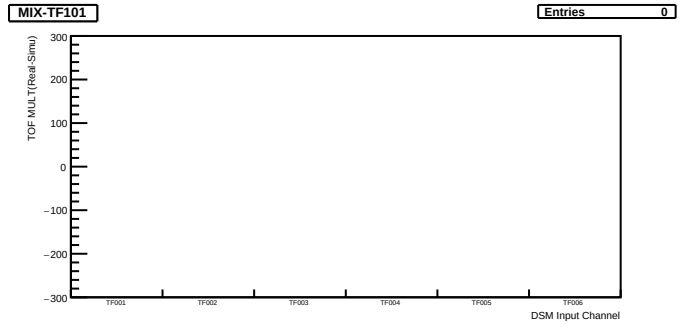

MIX-TF003
Entries 9077712
TOF MULT
TOF tray

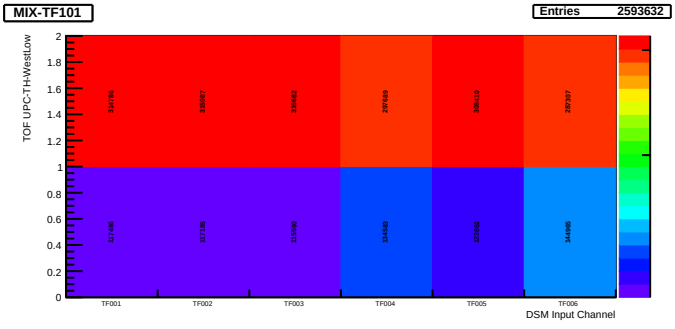

MIX-TF004
Entries 9077712
TOF MULT
TOF tray

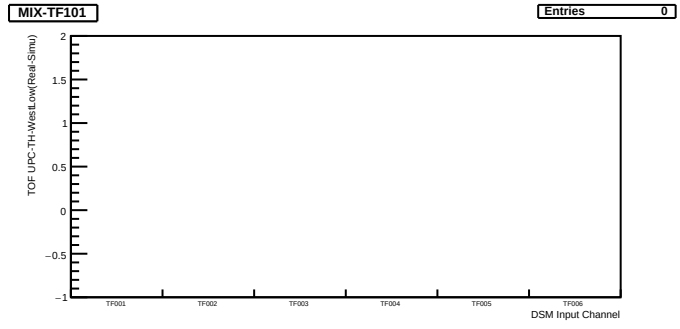

MIX-TF005
Entries 9077712
TOF MULT
TOF tray

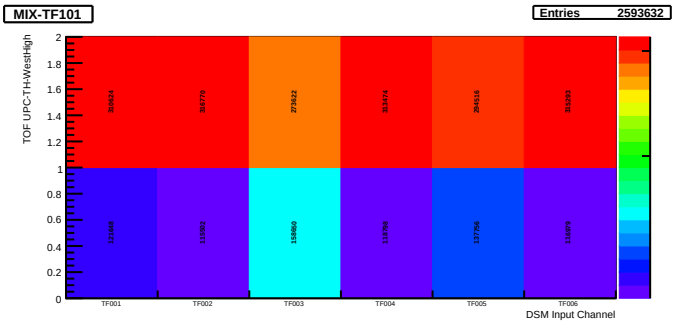

MIX-TF006
Entries 9077712
TOF MULT
TOF tray

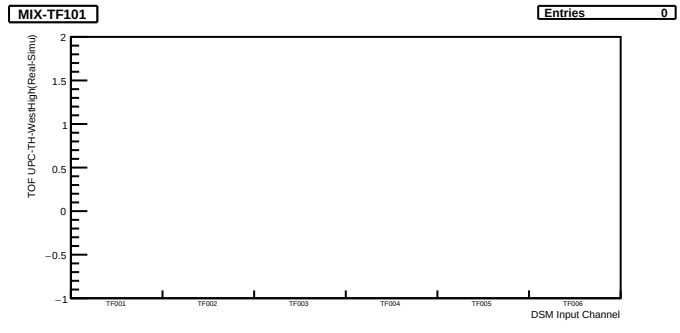

MIX-TF101
Entries 2593632
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

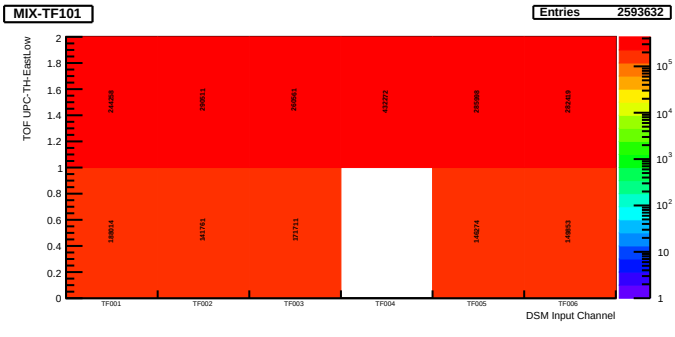

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

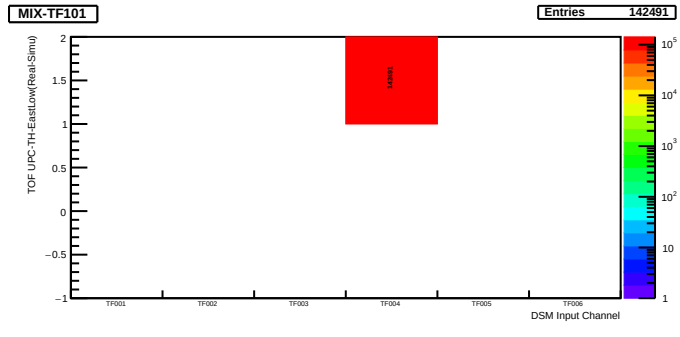

MIX-TF101
Entries 2593632
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

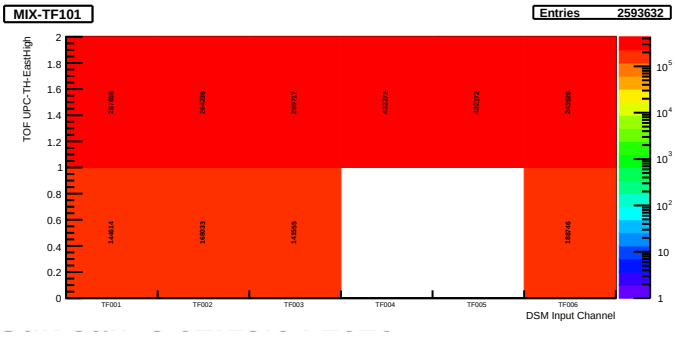

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

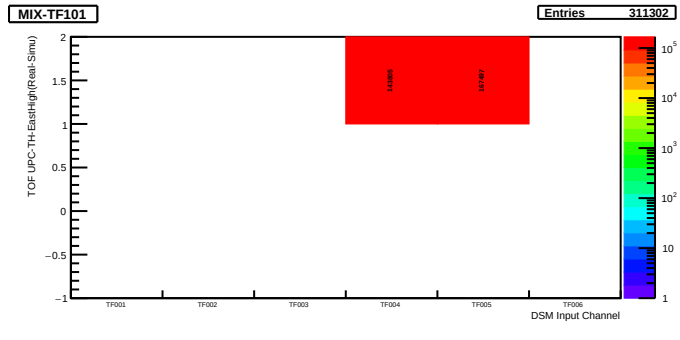

MIX-TF101
Entries 2593632
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

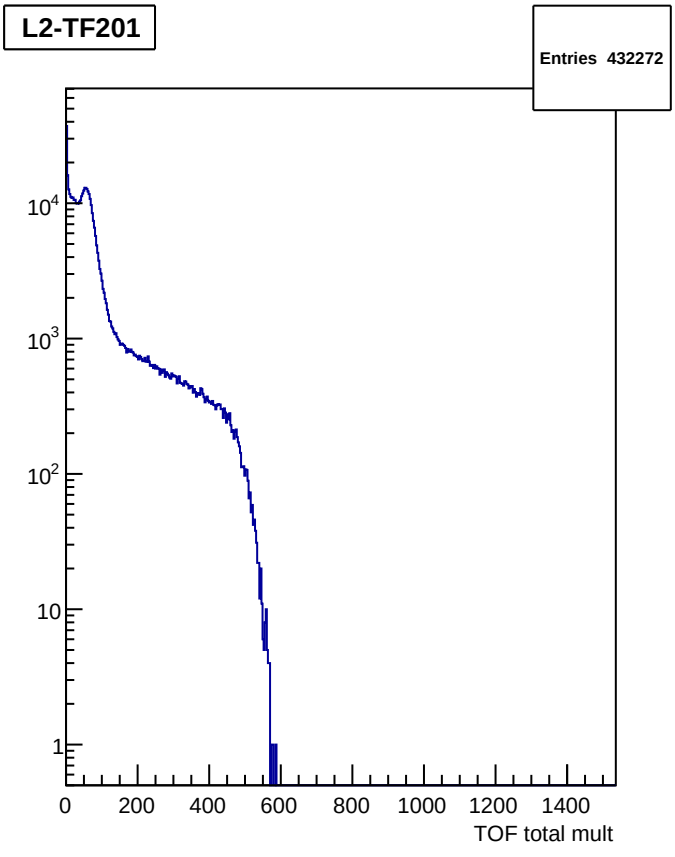

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

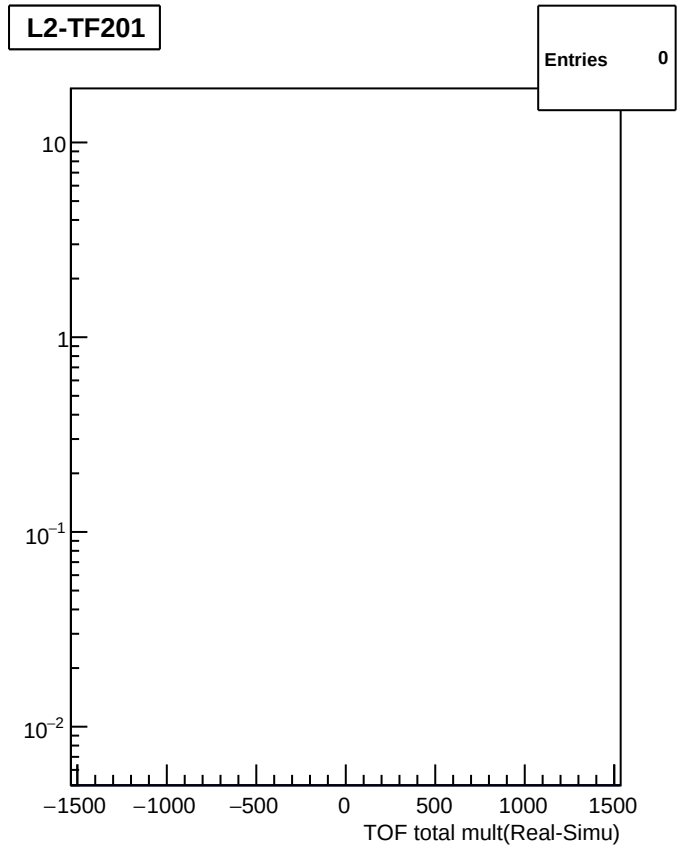

MIX-TF101
Entries 2593632
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

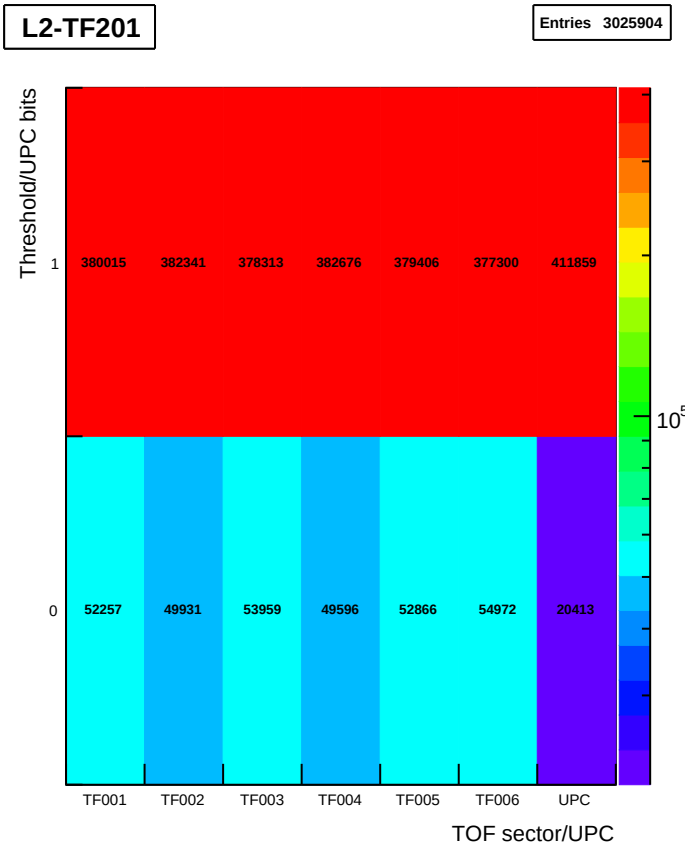

MIX-TF101
Entries 142491
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

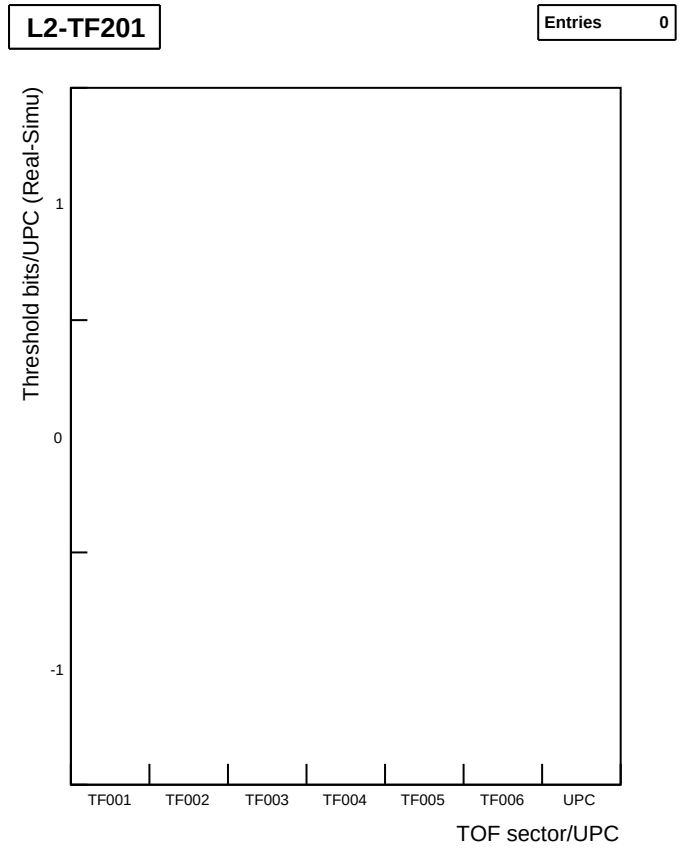

MIX-TF101
Entries 2593632
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

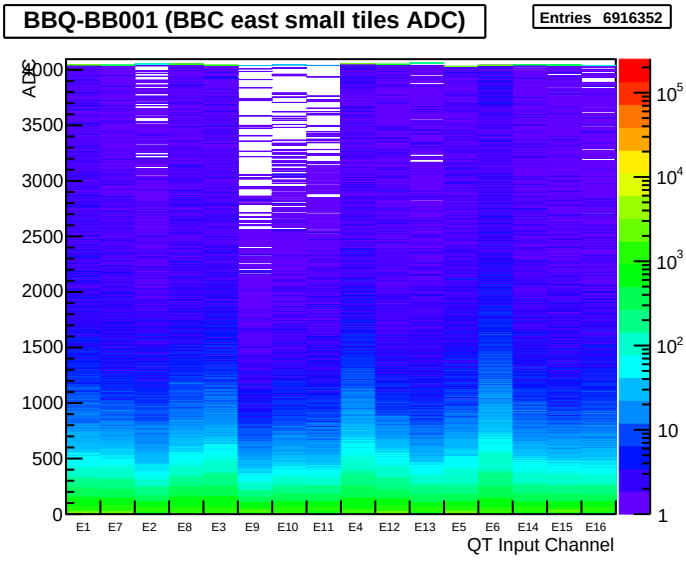

MIX-TF101
Entries 311302
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

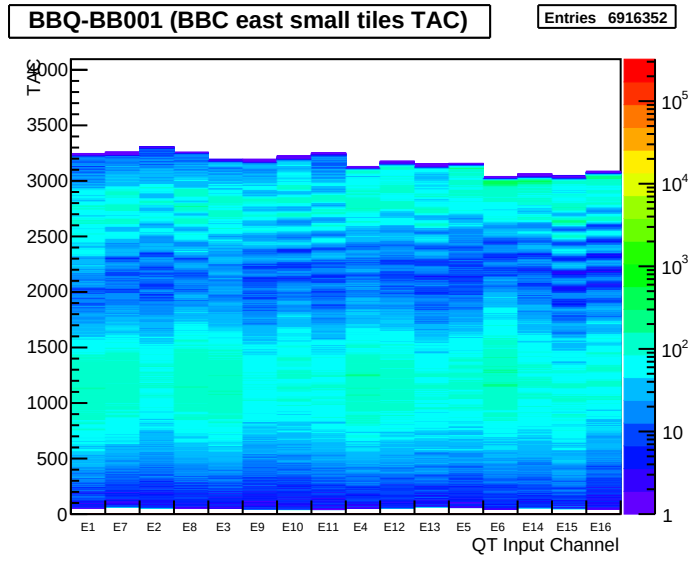

L2-TF201
Entries 432272
TOF total mult

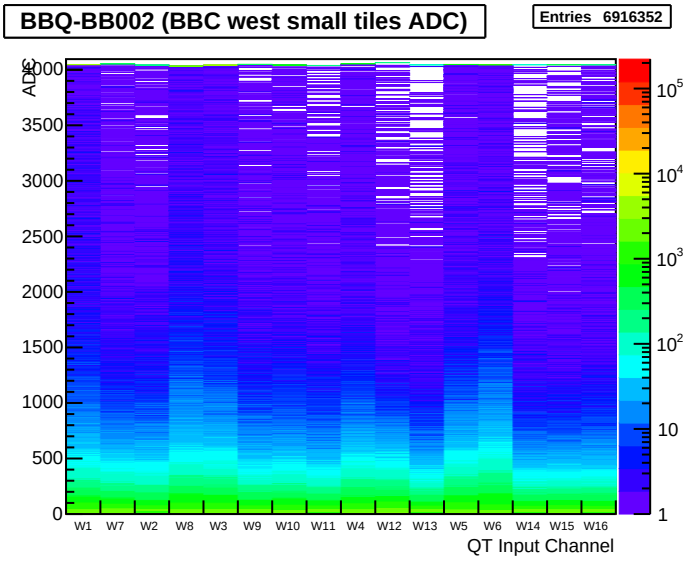

L2-TF201
Entries 0
TOF total mult(Real-Simu)

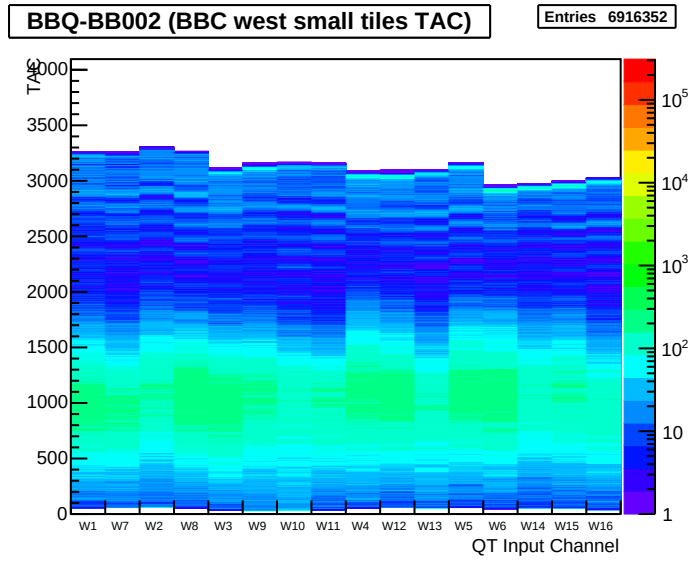

L2-TF201
Entries 3025904
Threshold/UPC bits
380015
382341
378313
382676
379406
377300
411859
52257
49931
53959
49596
52866
54972
20413
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

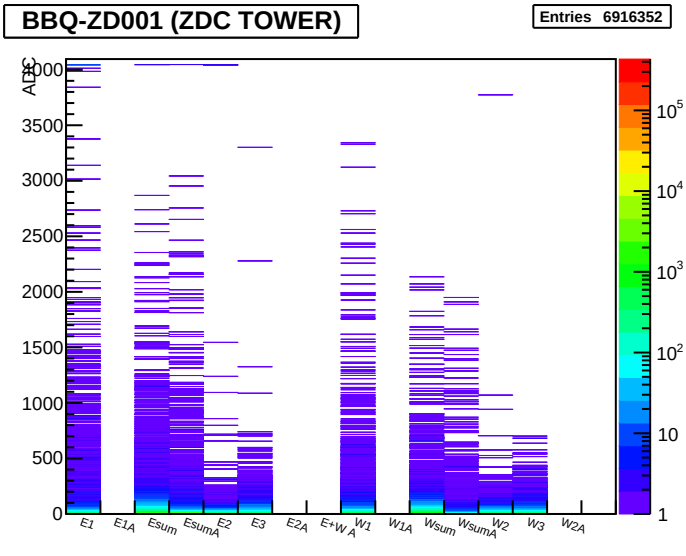

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

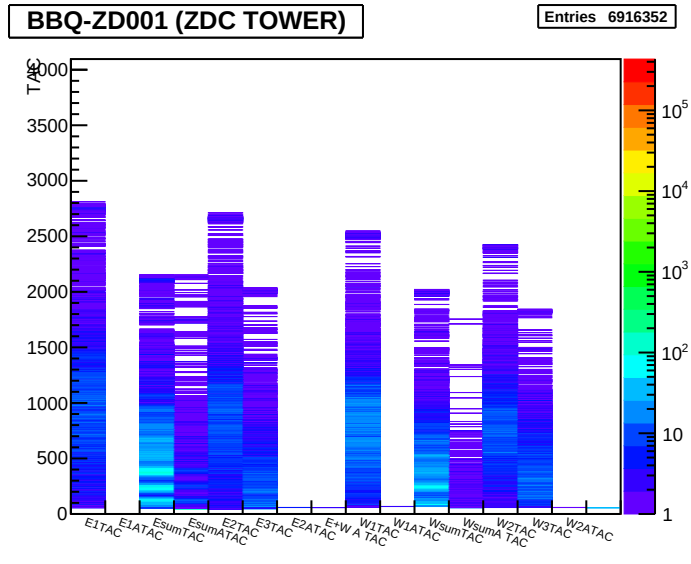

BBQ-BB001 (BBC east small tiles ADC)
Entries 6916352
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

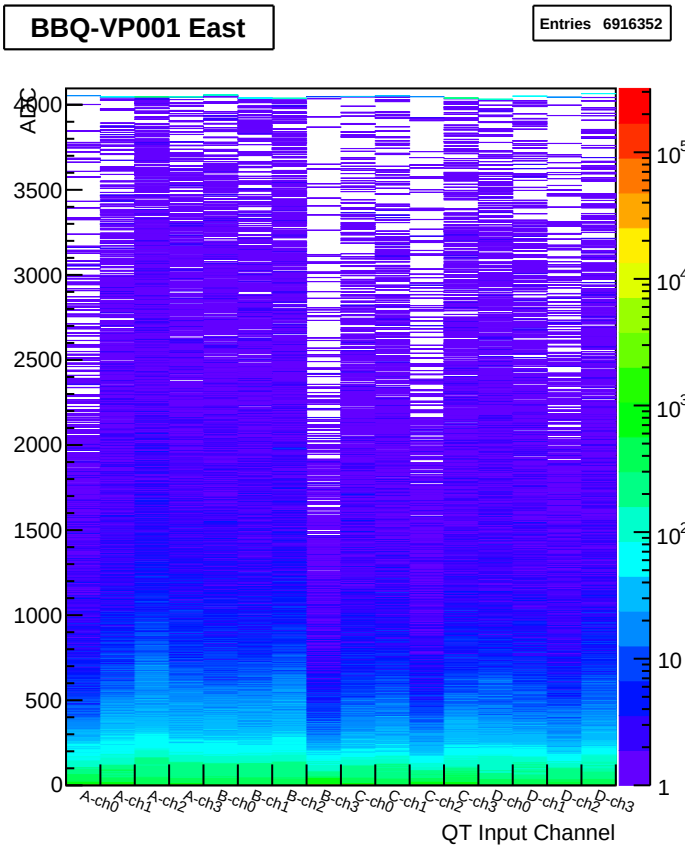

BBQ-BB001 (BBC east small tiles TAC)
Entries 6916352
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

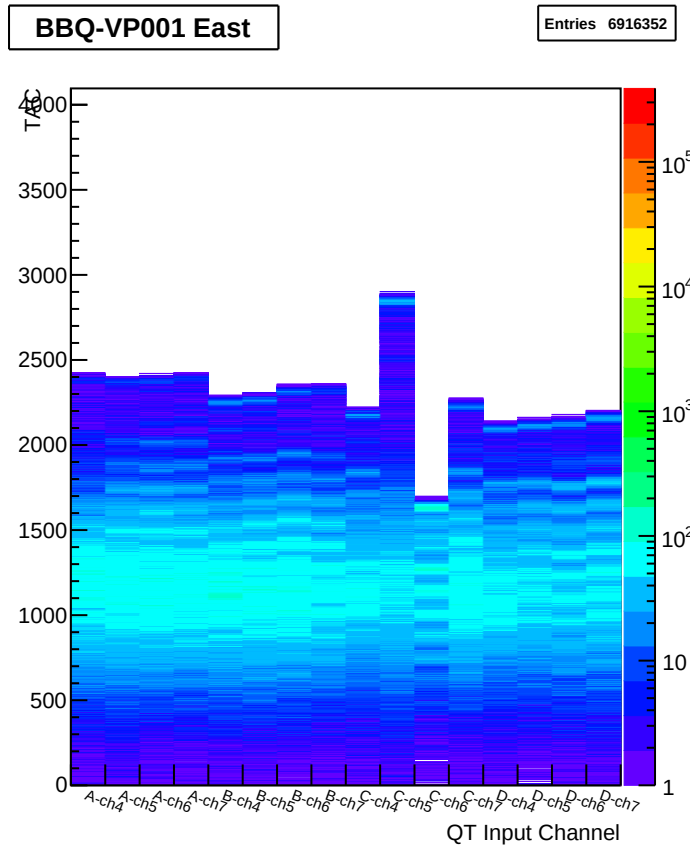

BBQ-BB002 (BBC west small tiles ADC)
Entries 6916352
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

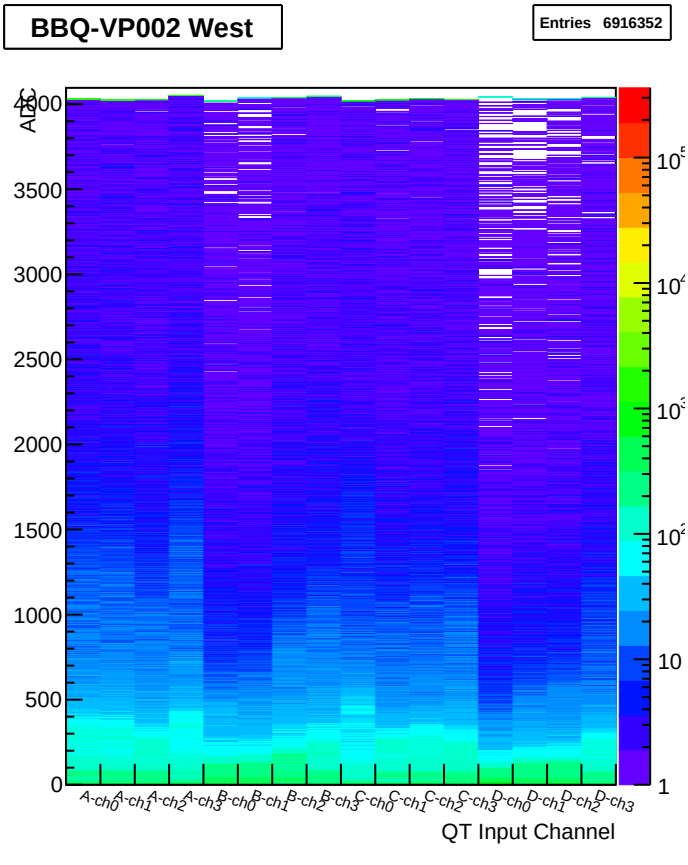

BBQ-BB002 (BBC west small tiles TAC)
Entries 6916352
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

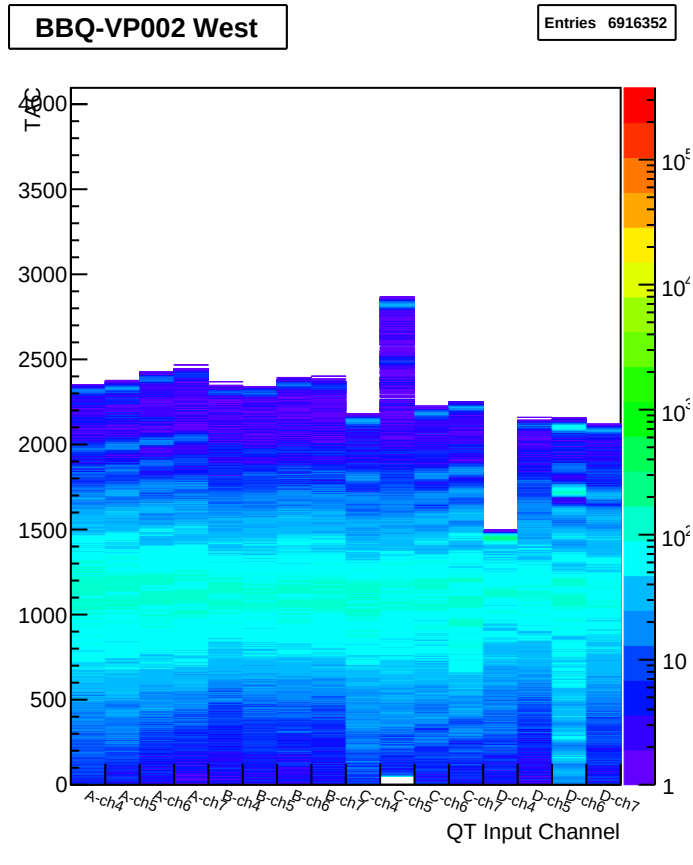

BBQ-ZD001 (ZDC TOWER)
Entries 6916352
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

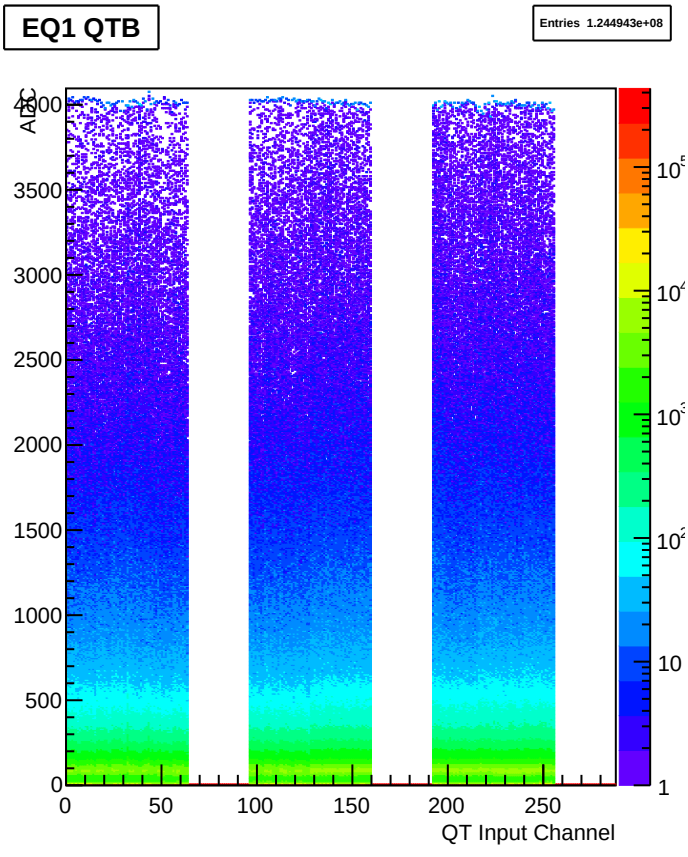

BBQ-ZD001 (ZDC TOWER)
Entries 6916352
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

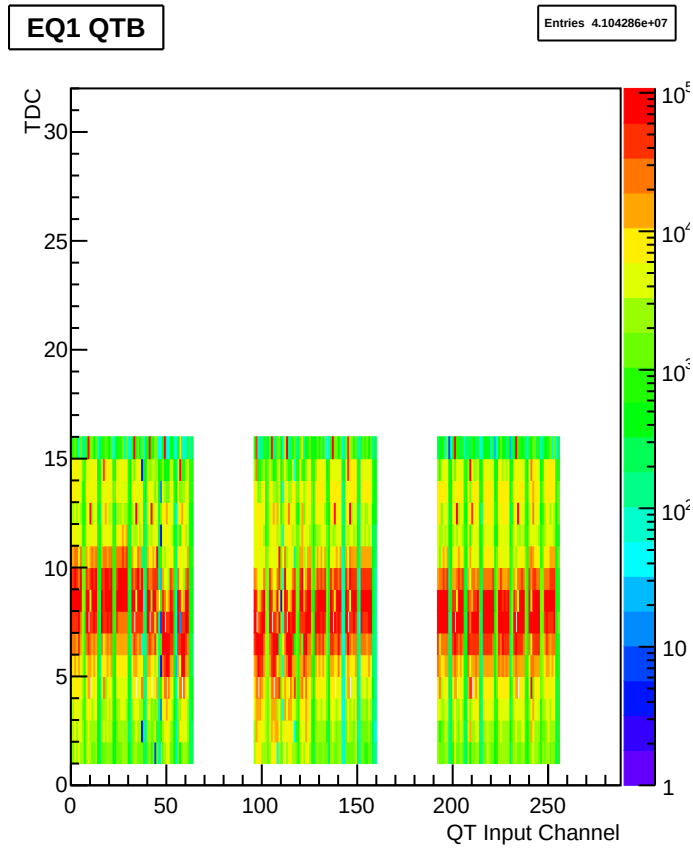

BBQ-VP001 East
Entries 6916352
ADC
QT Input Channel

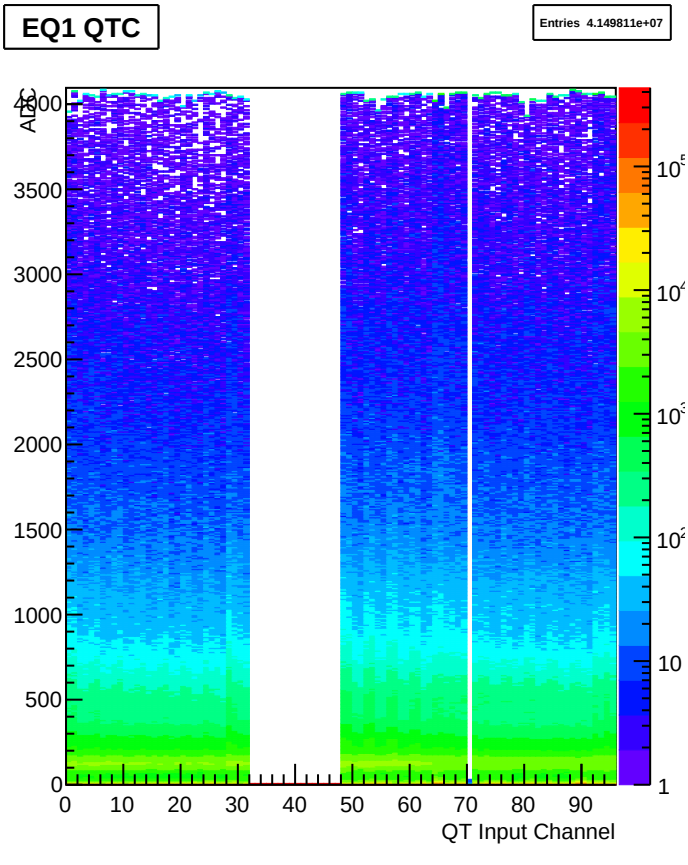

BBQ-VP001 East
Entries 6916352
TADC
QT Input Channel

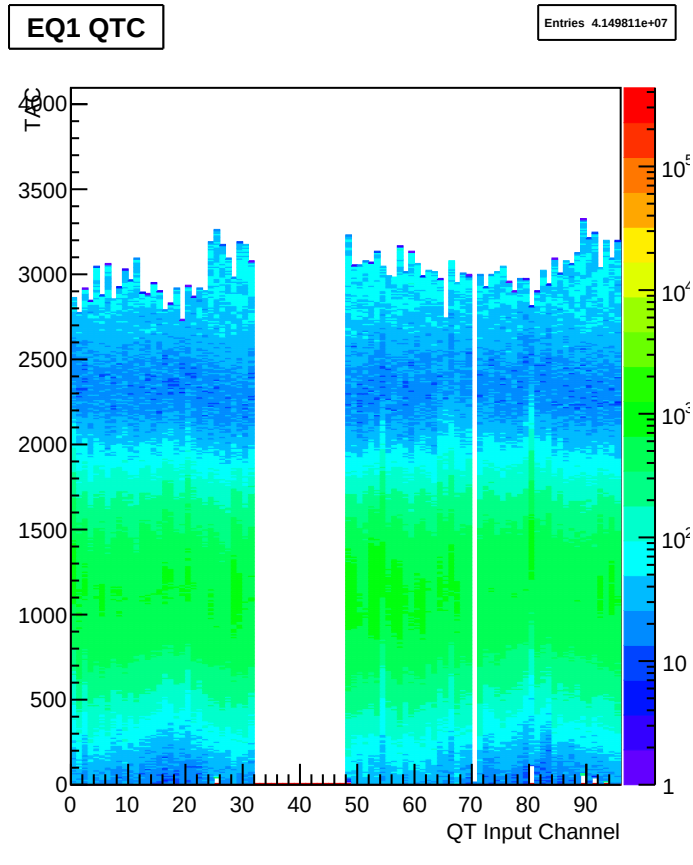

BBQ-VP002 West
Entries 6916352
ADC
QT Input Channel

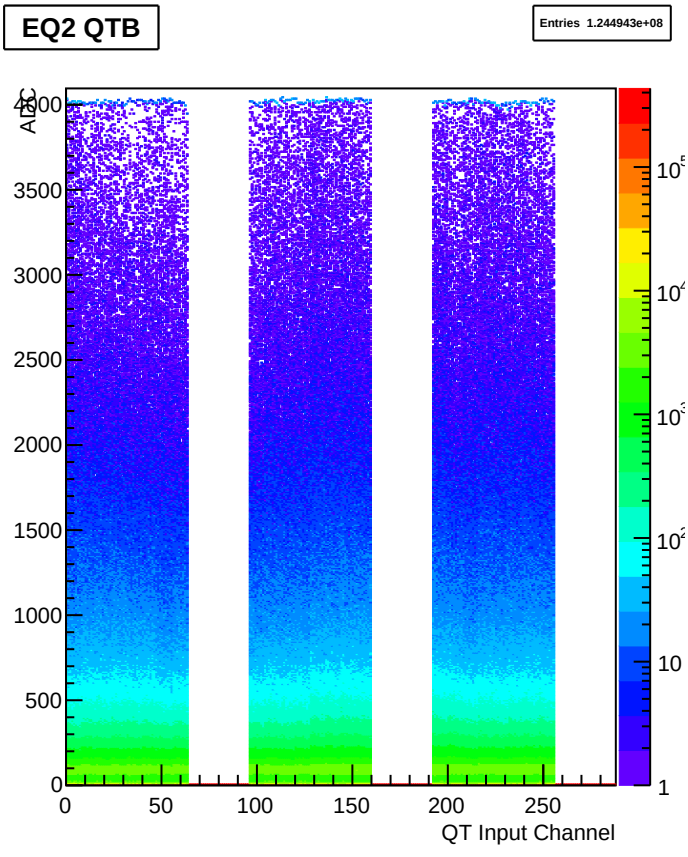

BBQ-VP002 West
Entries 6916352
TADC
QT Input Channel

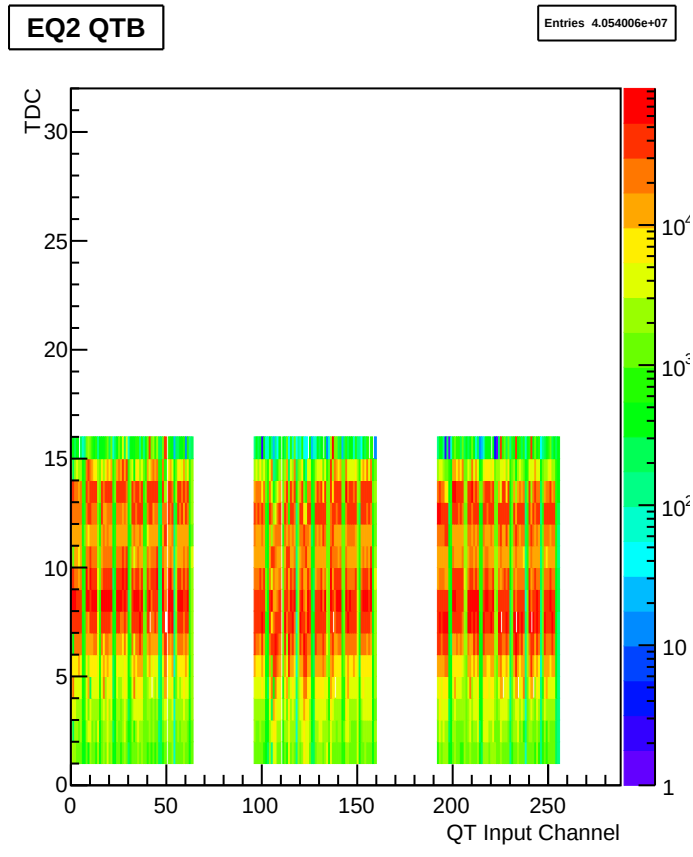

EQ1 QTB
Entries 1.244943e+08
ADC
QT Input Channel

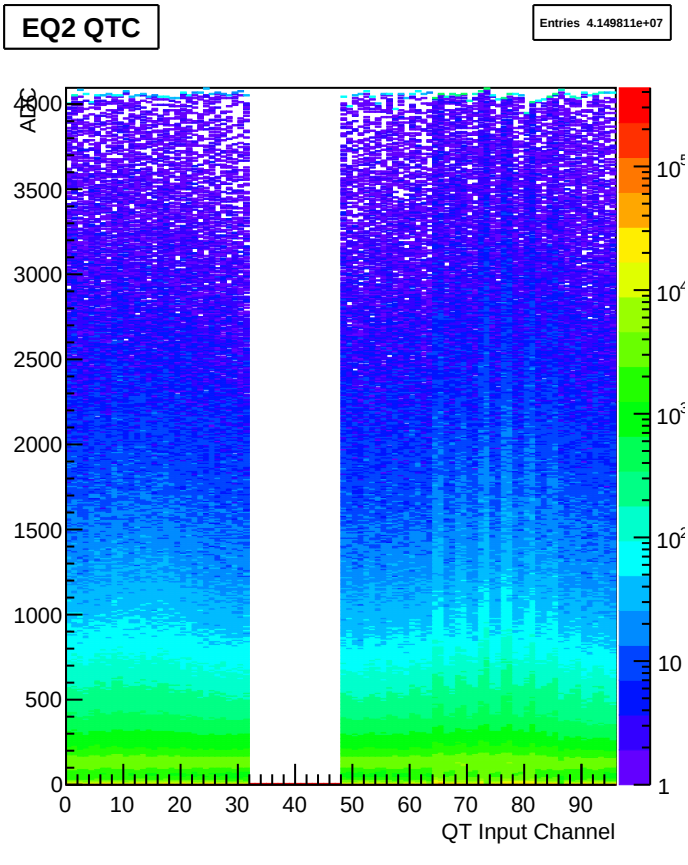

EQ1 QTB
Entries 4.104286e+07
TDC
QT Input Channel

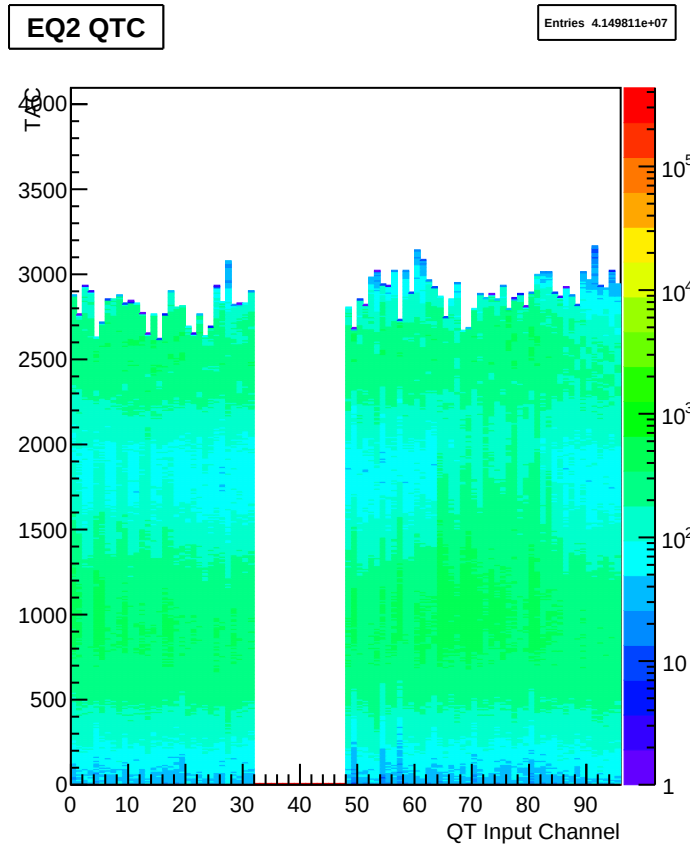

EQ1 QTC
Entries 4.149811e+07
ADC
QT Input Channel

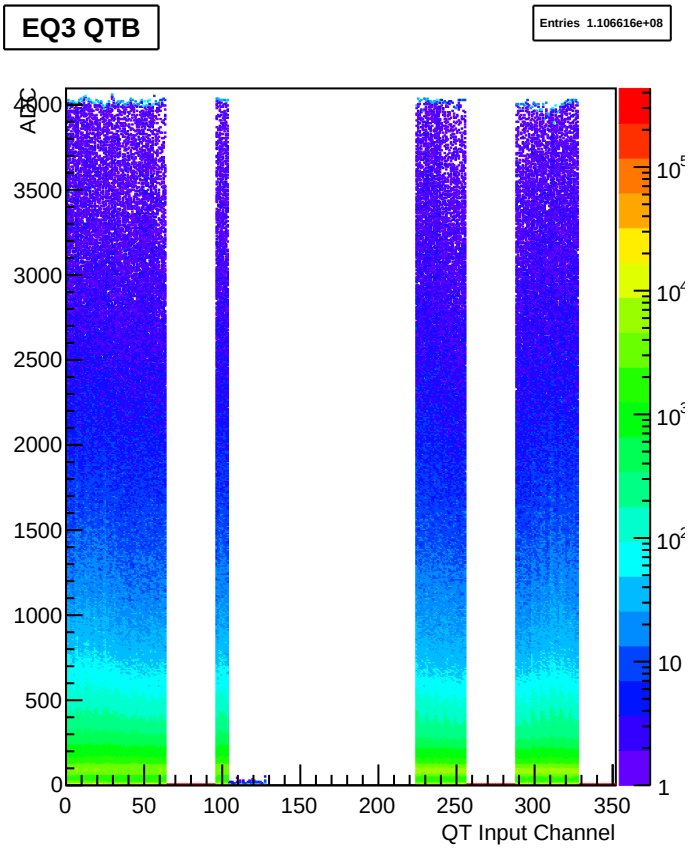

EQ1 QTC
Entries 4.149811e+07
TADC
QT Input Channel

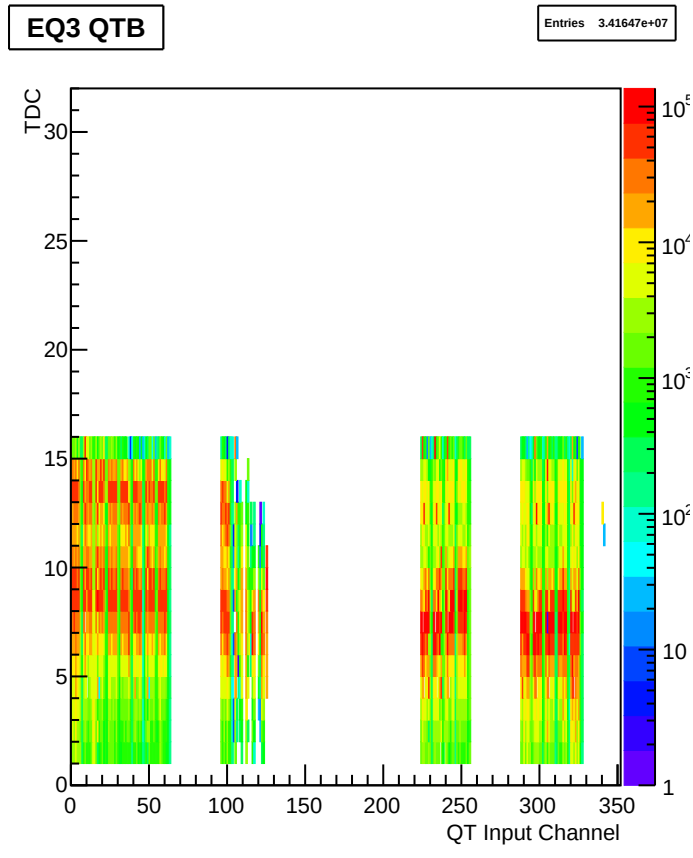

EQ2 QTB
Entries 1.244943e+08
ADC
QT Input Channel

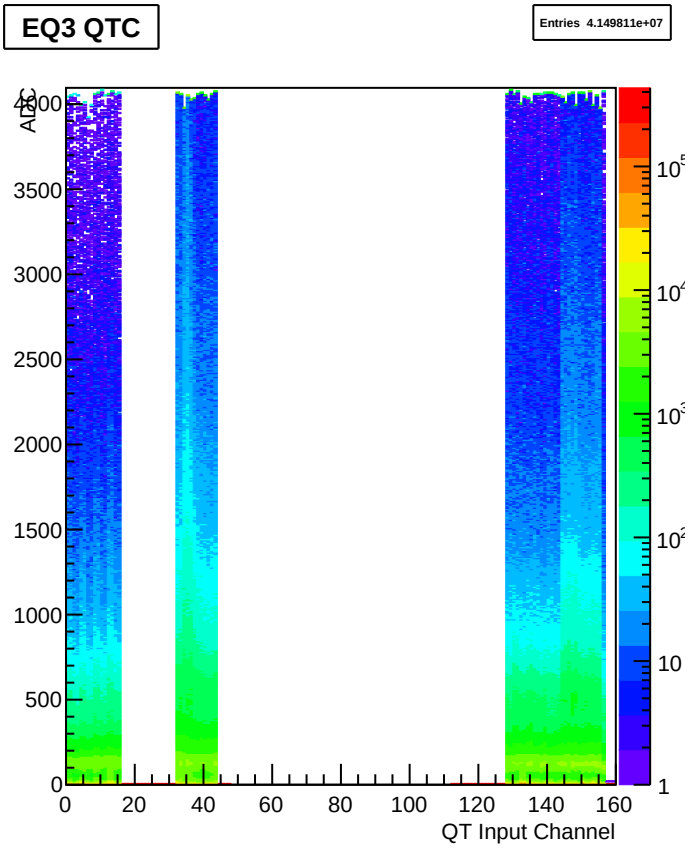

EQ2 QTB
Entries 4.054006e+07
TDC
QT Input Channel

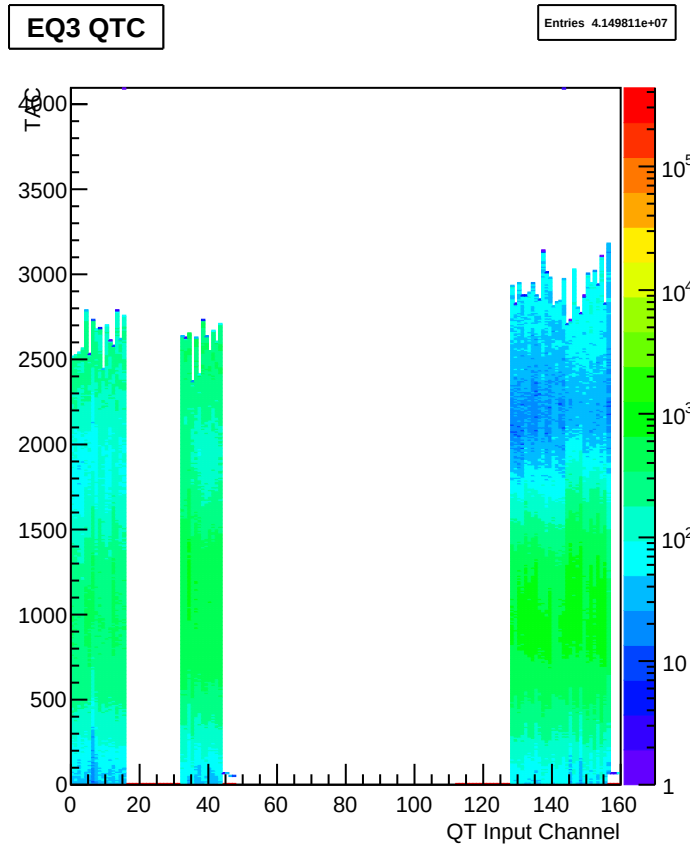

EQ2 QTC
Entries 4.149811e+07
ADC
QT Input Channel

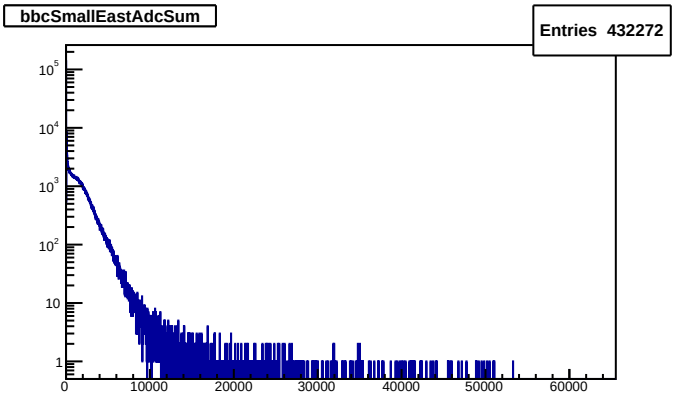

EQ2 QTC
Entries 4.149811e+07
TADC
QT Input Channel

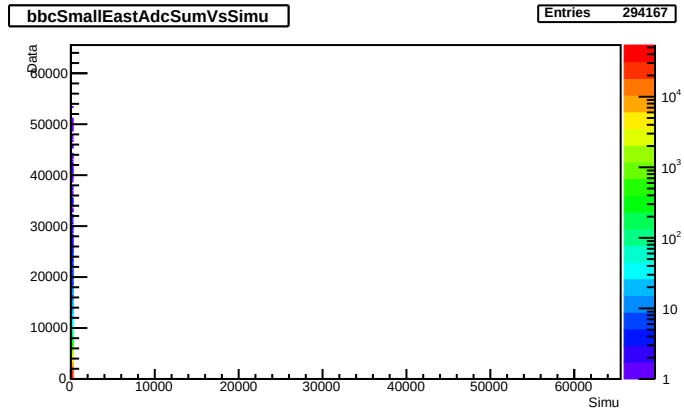

EQ3 QTB
Entries 1.106616e+08
ADC
QT Input Channel

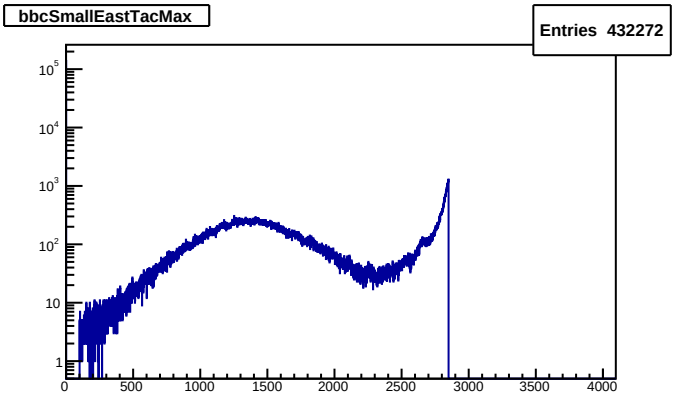

EQ3 QTB
Entries 3.41647e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.149811e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.149811e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 432272


bbcSmallEastAdcSumVsSimu
Entries 294167
Data
Simu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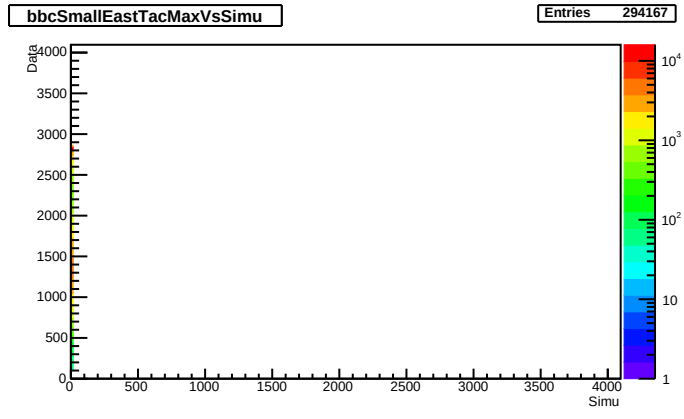
Entries 432272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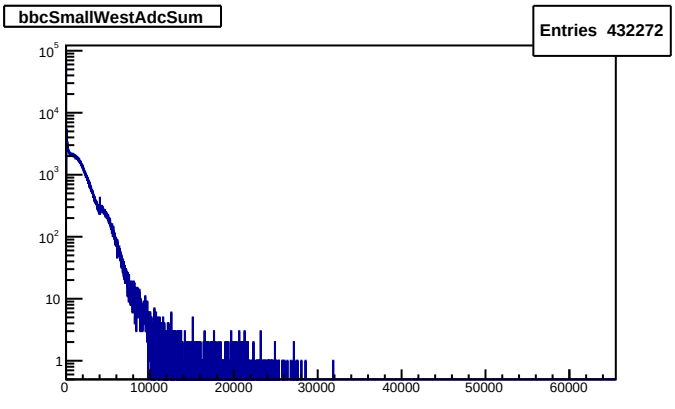
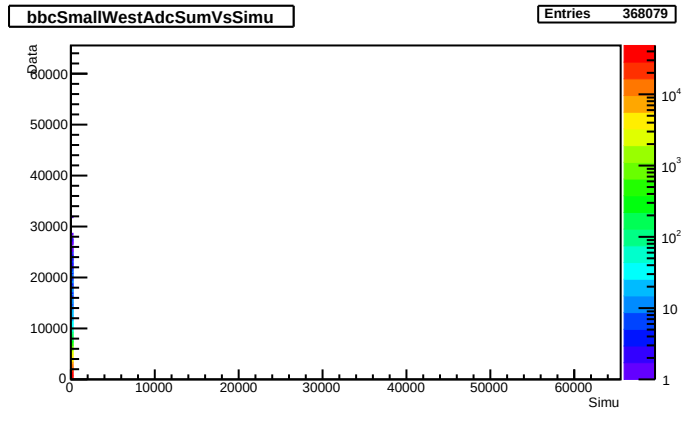

bbcSmallWestAdcSum
Entries 432272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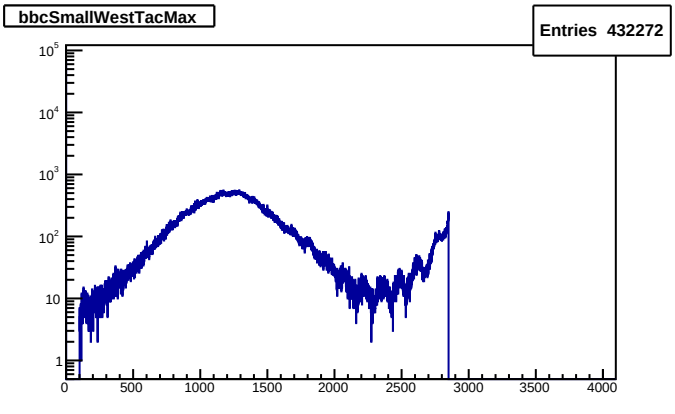
Entries 368079
Data
Simu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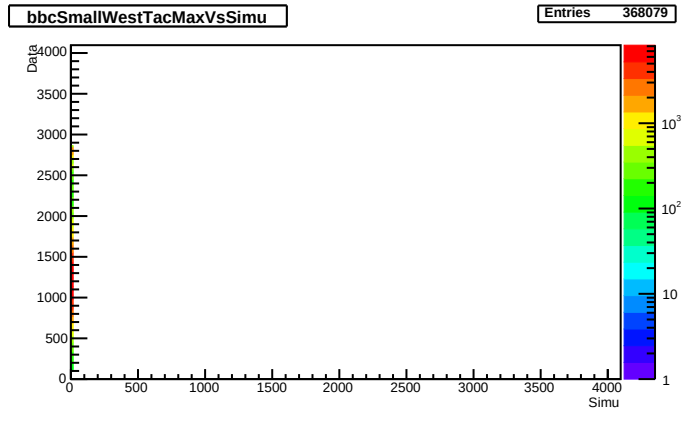
Entries 432272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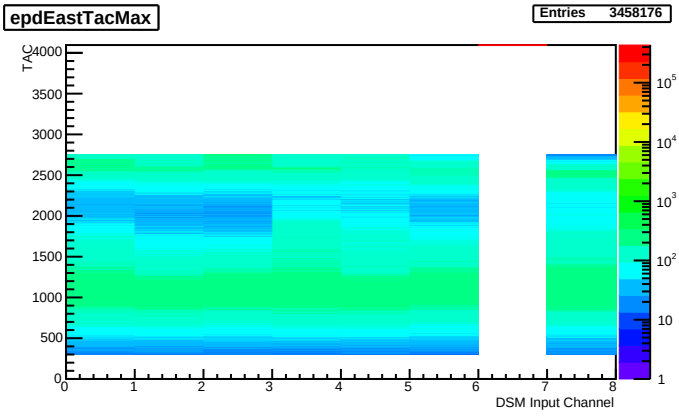
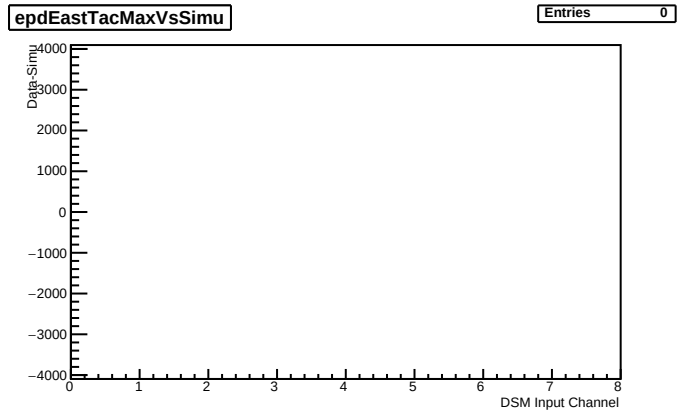
Entries 368079
Data
Simu


epdEastTacMax
Entries 3458176
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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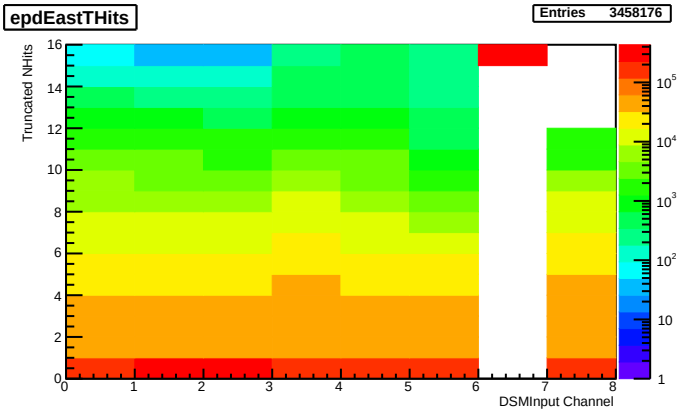
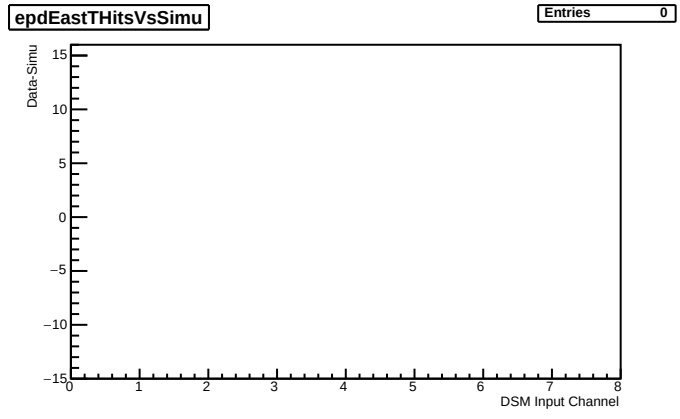

epdEastTHits
Entries 3458176
Truncated NHits
DSMInput Channel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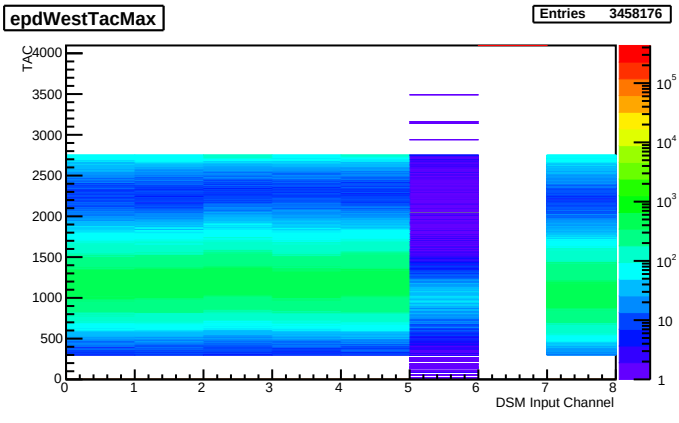
Data-Simu
DSM Input Channel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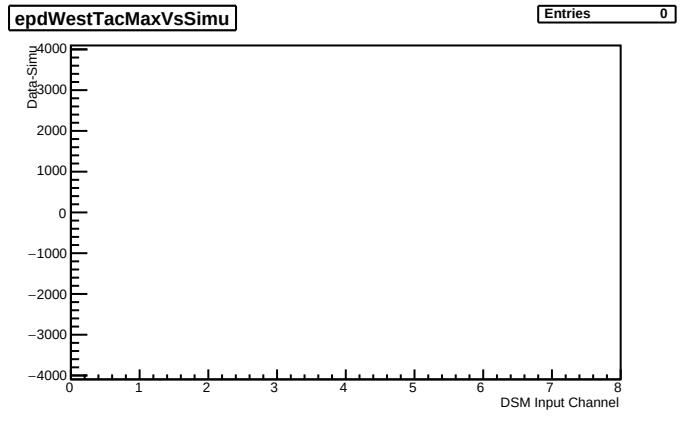
Entries 3458176
TAC
DSM Input Channel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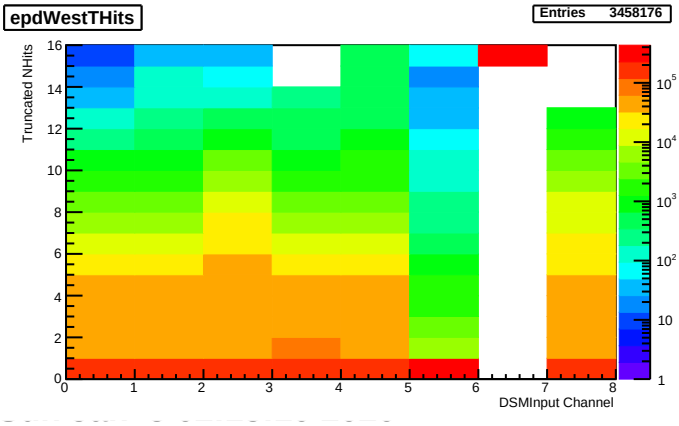
Entries 0
Data-Simu
DSM Input Channel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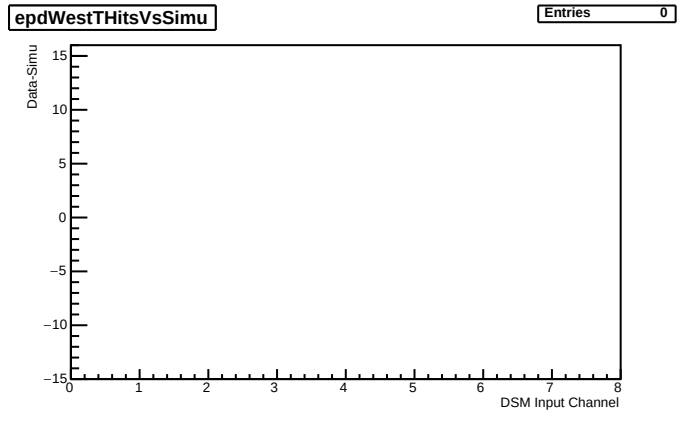
Entries 3458176
Truncated NHits
DSMInput Channel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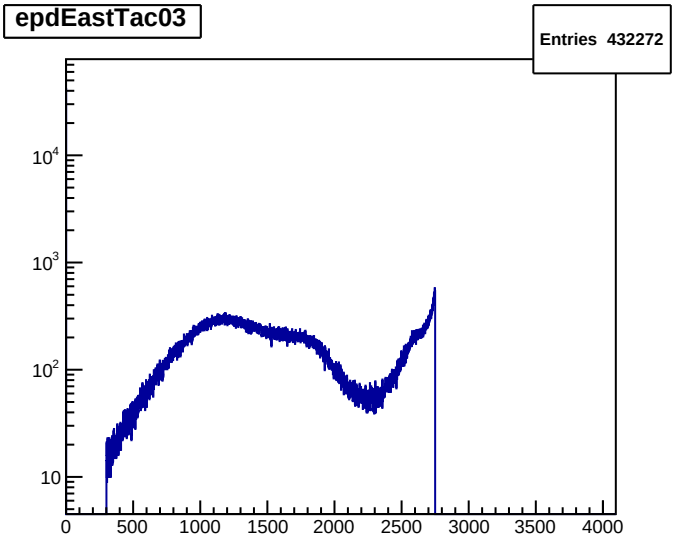
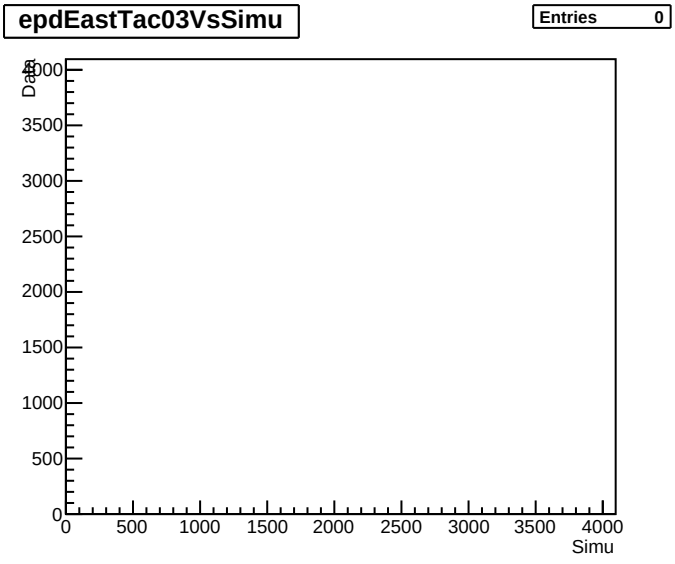
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 432272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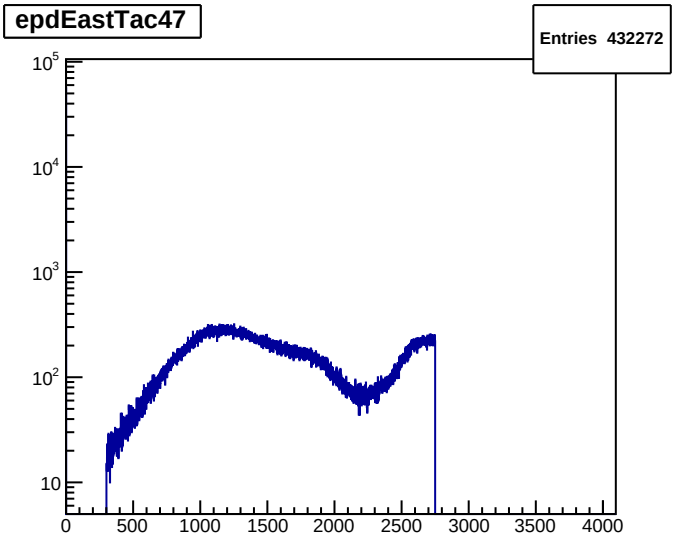
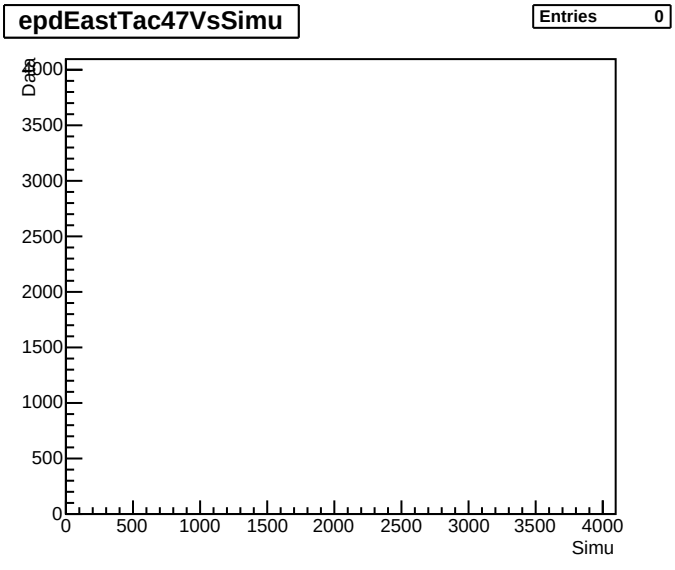
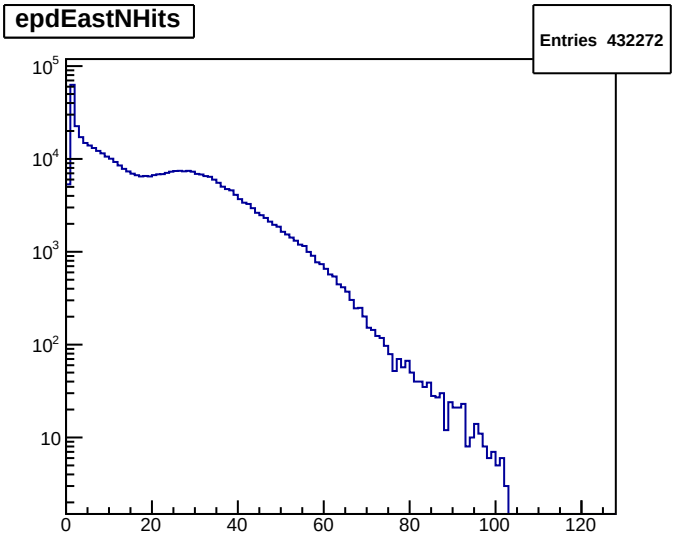
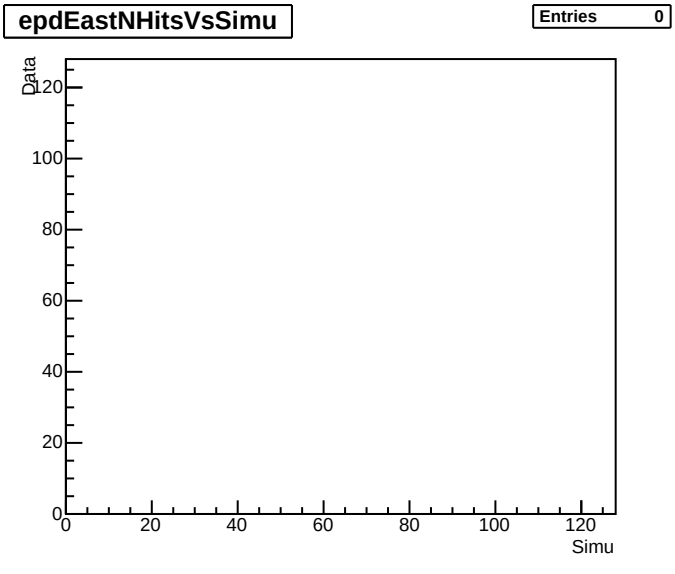
Entries 0
Data
Simu


epdEastTac47
Entries 432272


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 432272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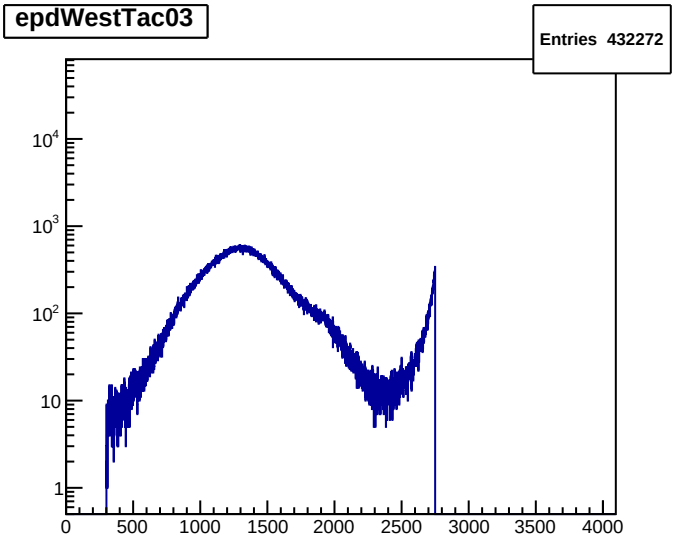
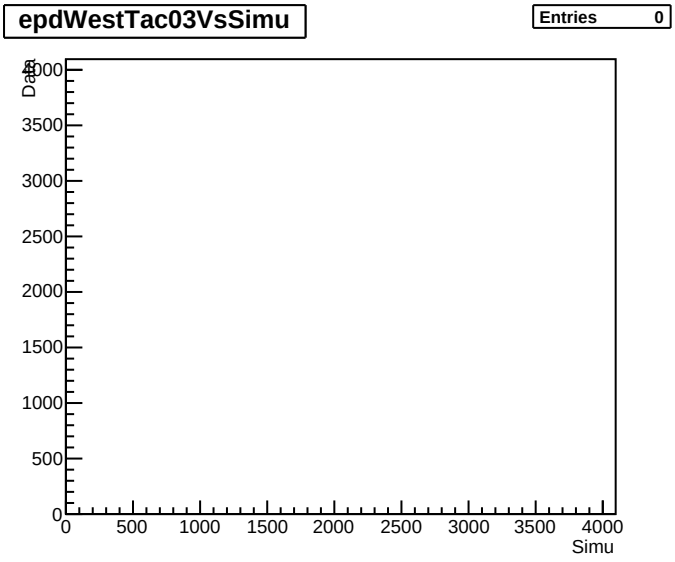
Entries 0
Data
Simu


epdWestTac03
Entries 432272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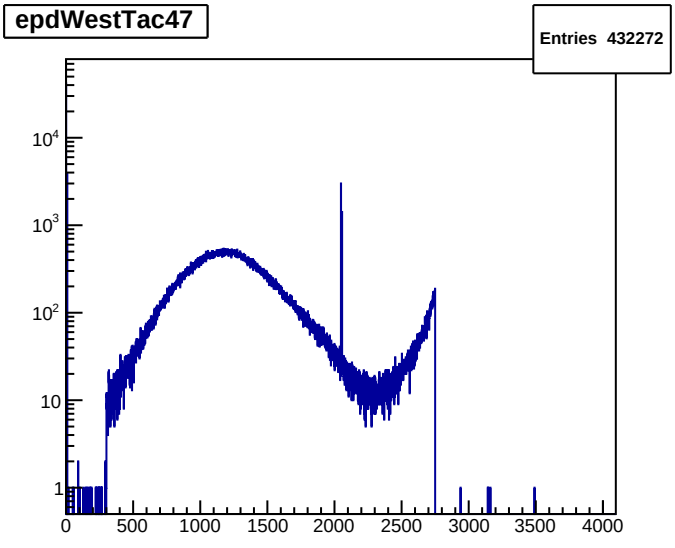
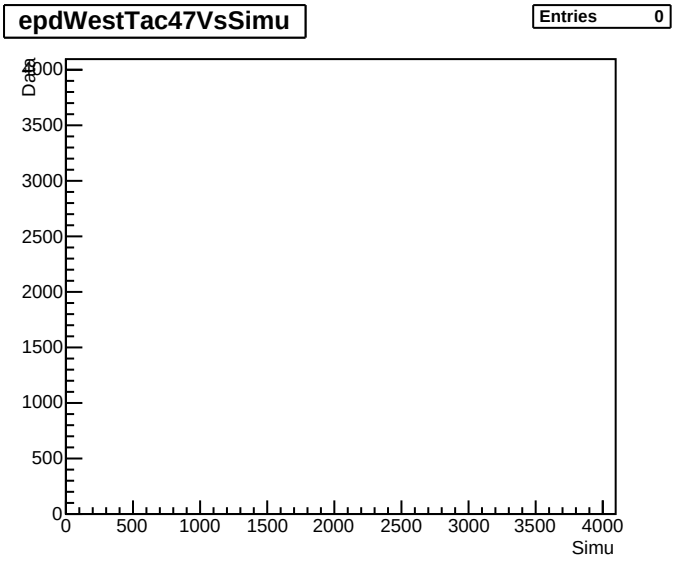
Entries 0
Data
Simu


epdWestTac47
Entries 432272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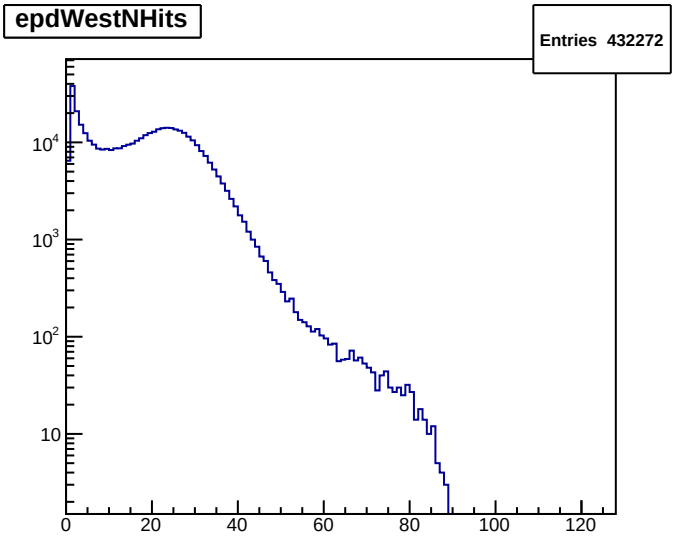
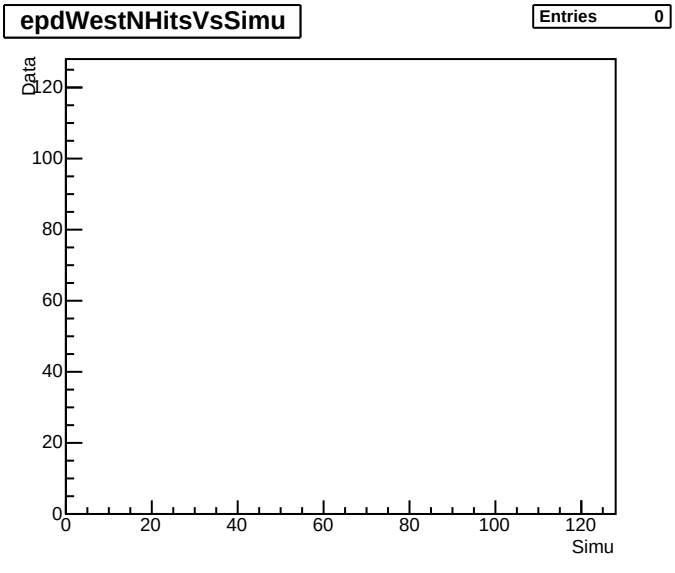
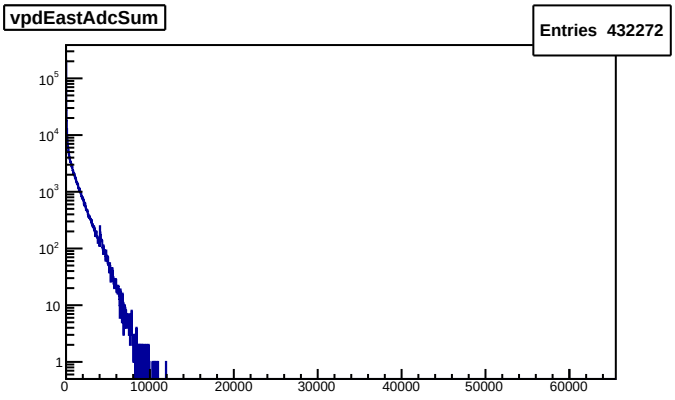
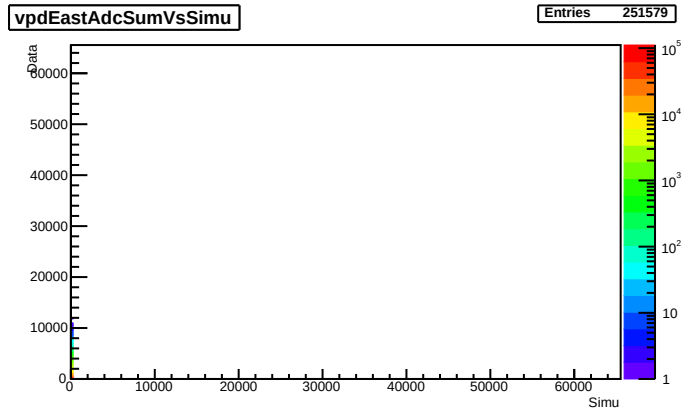
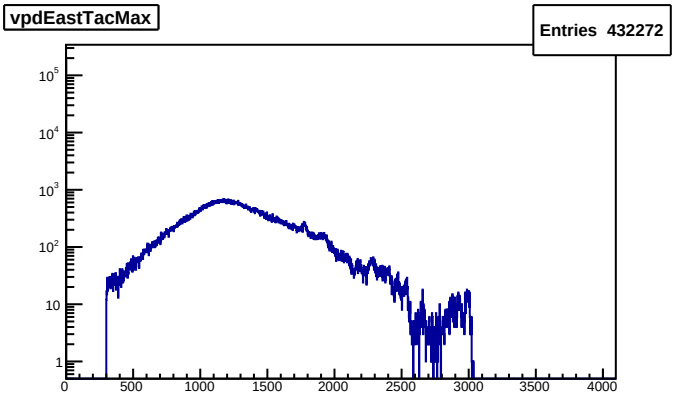
Entries 0
Data
Simu

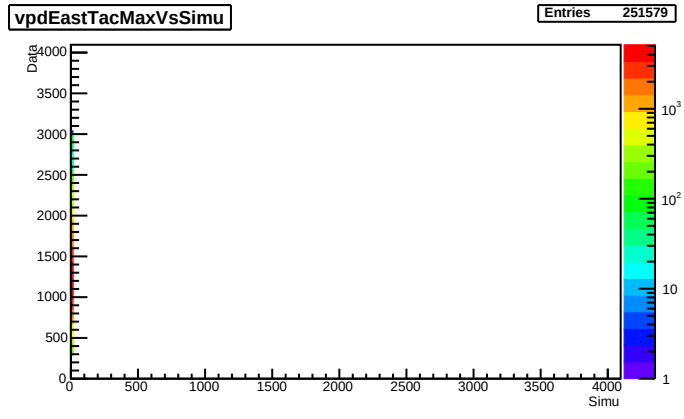

epdWestNHits
Entries 432272

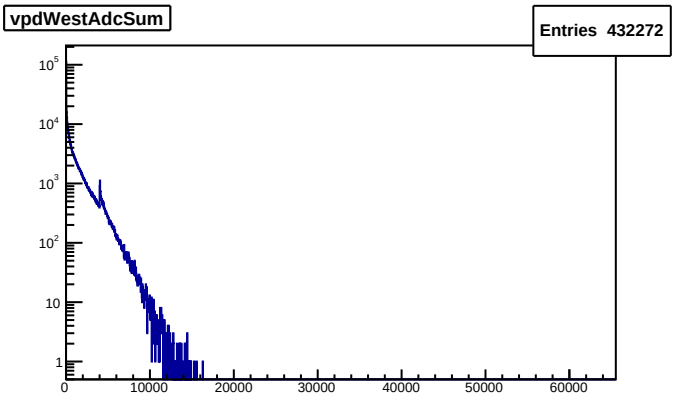

epdWestNHitsVsSimu
Entries 0
Data
Simu

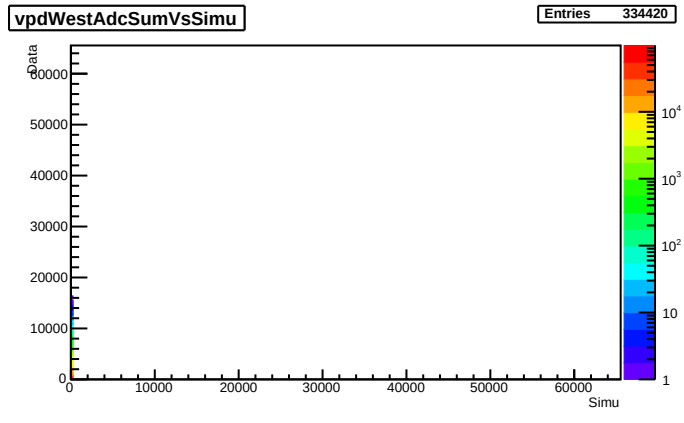

vpdEastAdcSum
Entries 432272

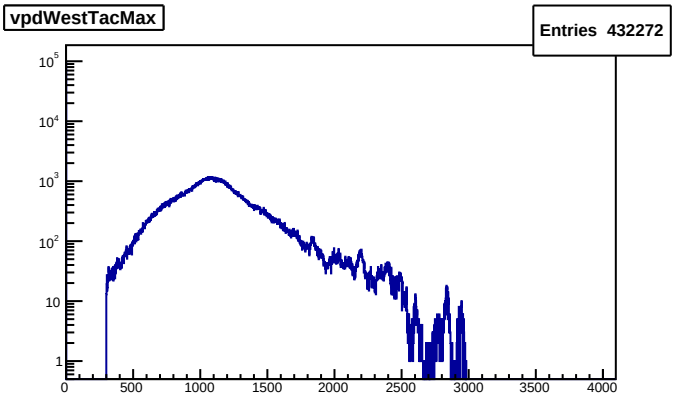

vpdEastAdcSumVsSimu
Entries 251579
Data
Simu

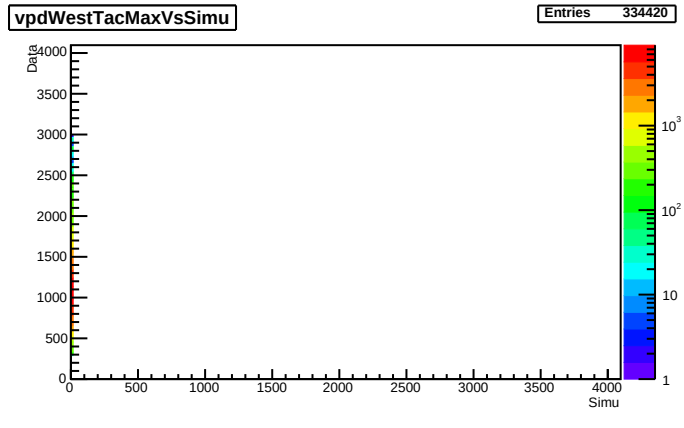

vpdEastTacMax
Entries 432272

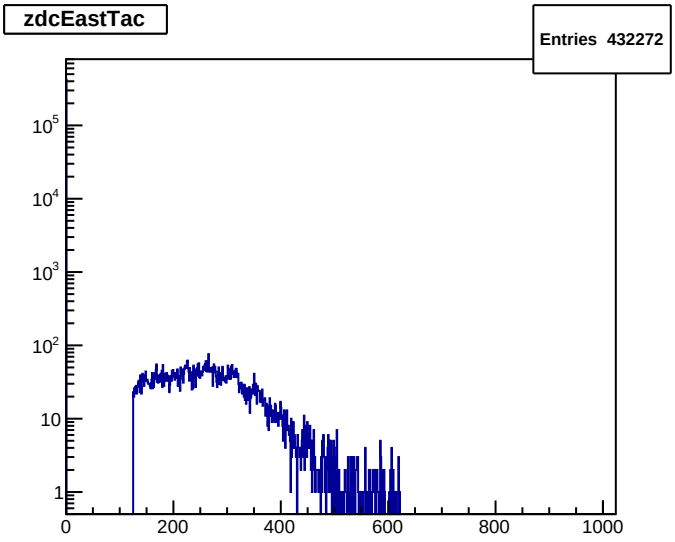

vpdEastTacMaxVsSimu
Entries 251579
Data
Simu

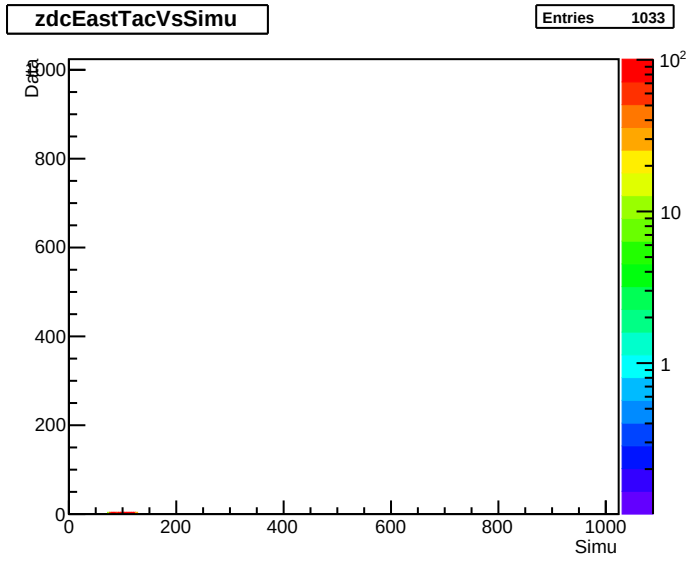

vpdWestAdcSum
Entries 432272

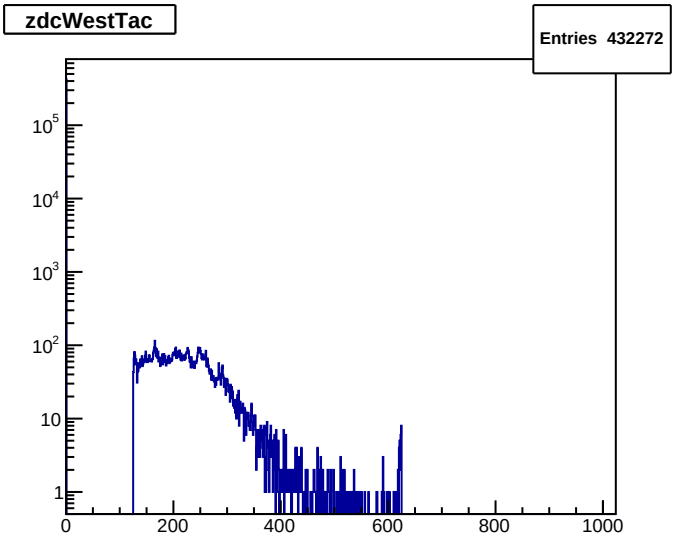

vpdWestAdcSumVsSimu
Entries 334420
Data
Simu

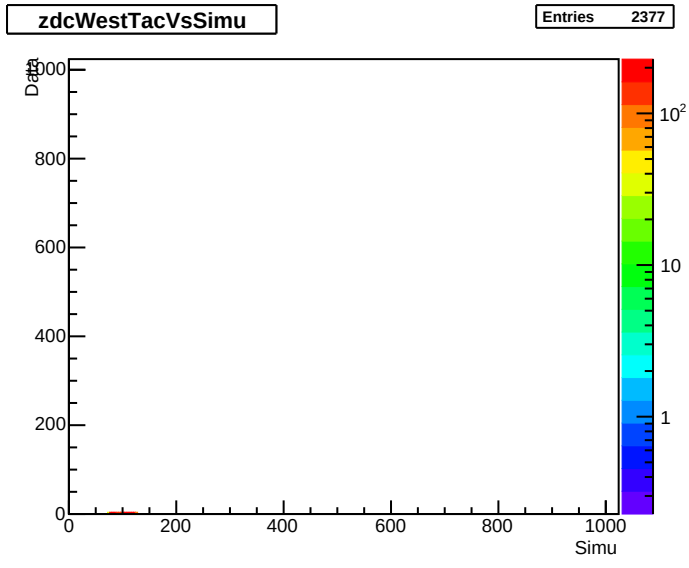

vpdWestTacMax
Entries 432272

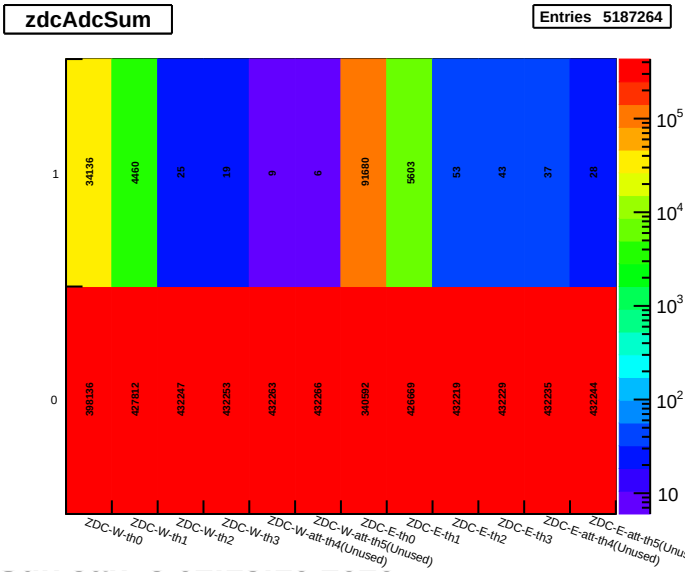

vpdWestTacMaxVsSimu
Entries 334420
Data
Simu

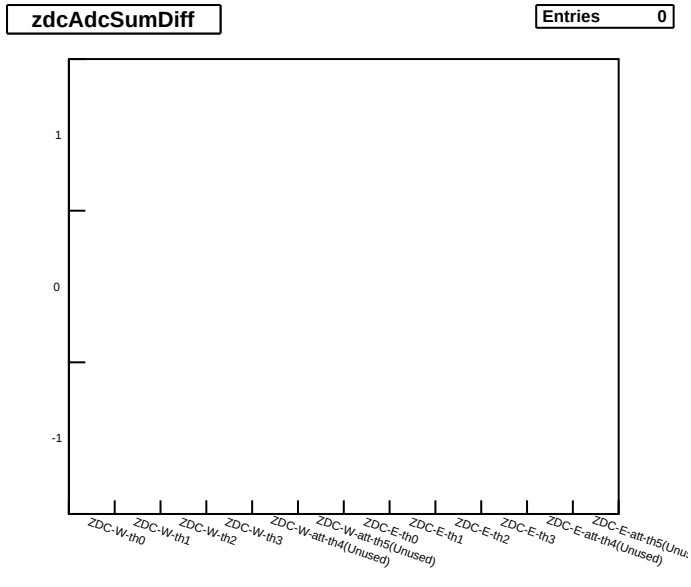

zdcEastTac
Entries 432272

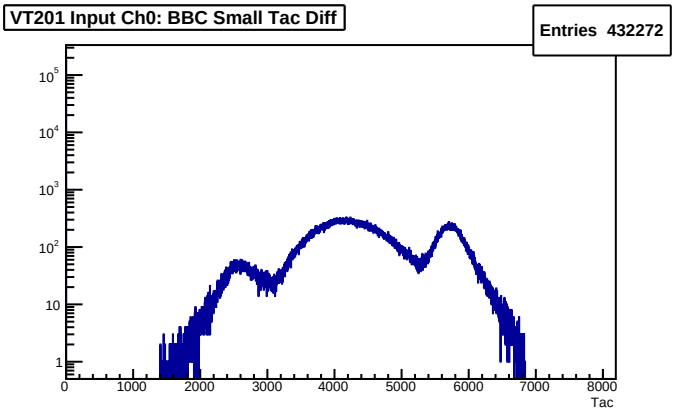

zdcEastTacVsSimu
Entries 1033
Data
Simu

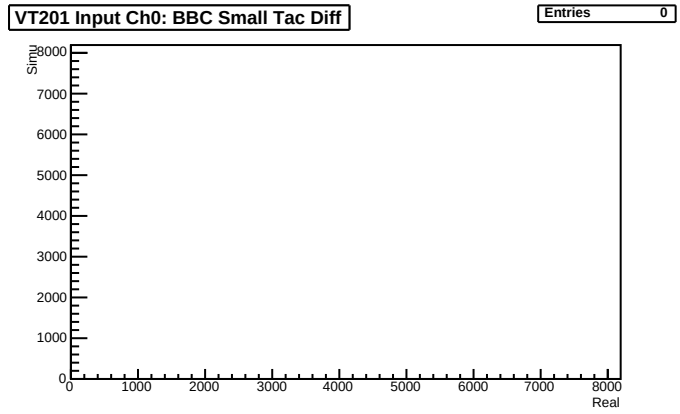

zdcWestTac
Entries 432272

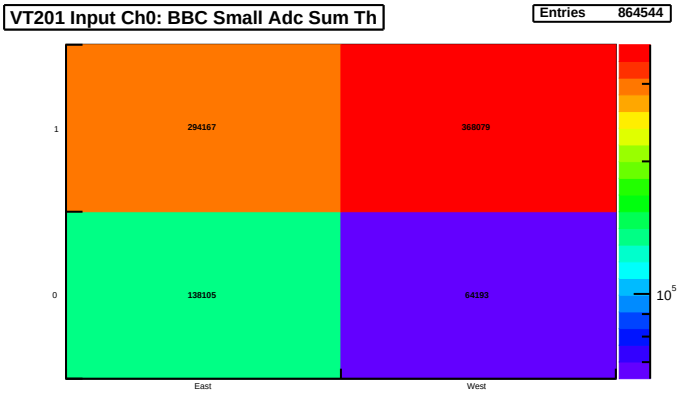

zdcWestTacVsSimu
Entries 2377
Data
Simu

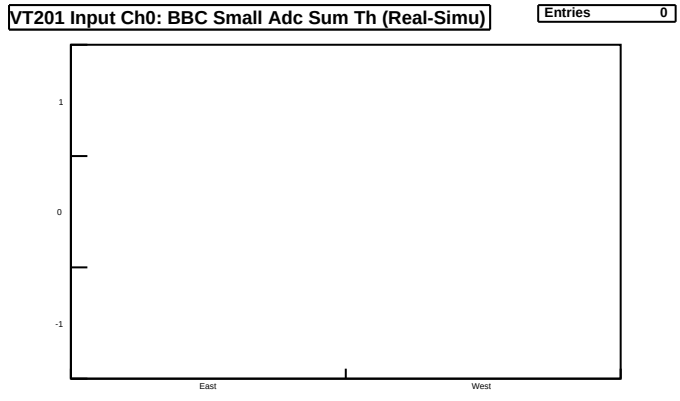

zdcAdcSum
Entries 5187264
34136
4460
25
19
9
6
91680
5603
53
43
37
28
398136
427812
432247
432253
432263
432266
340592
426669
432219
432229
432235
432244
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

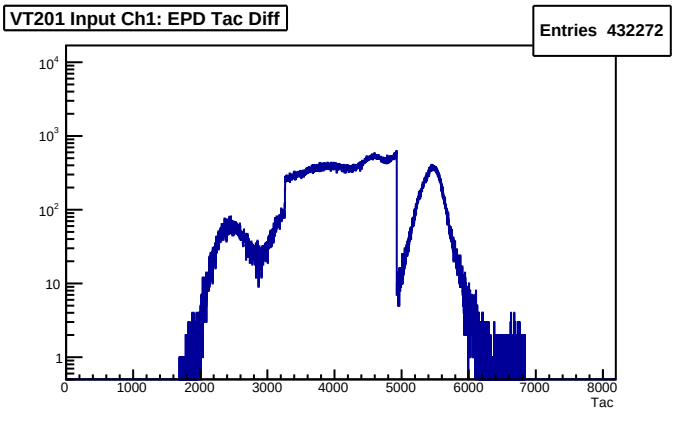

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

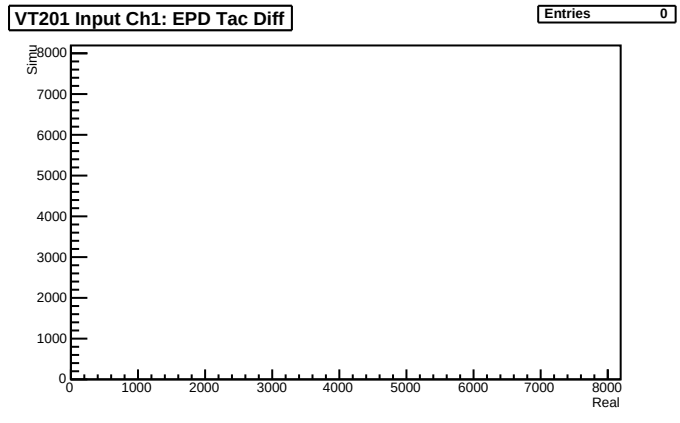

VT201 Input Ch0: BBC Small Tac Diff
Entries 432272
Tac

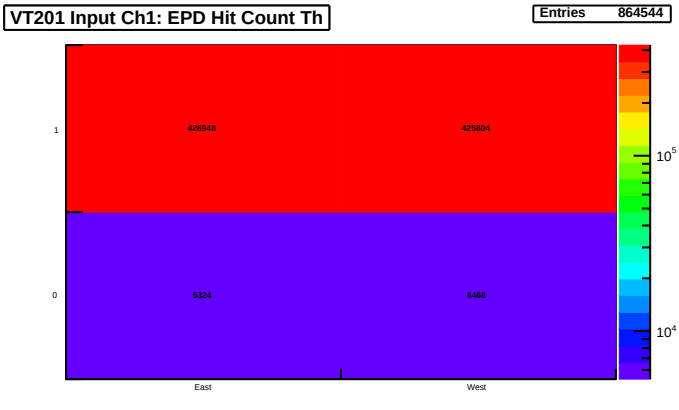

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

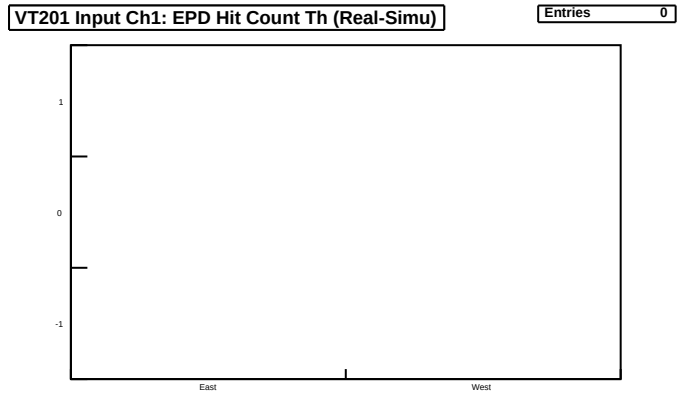

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 864544
294167
368079
138105
64193
East
West

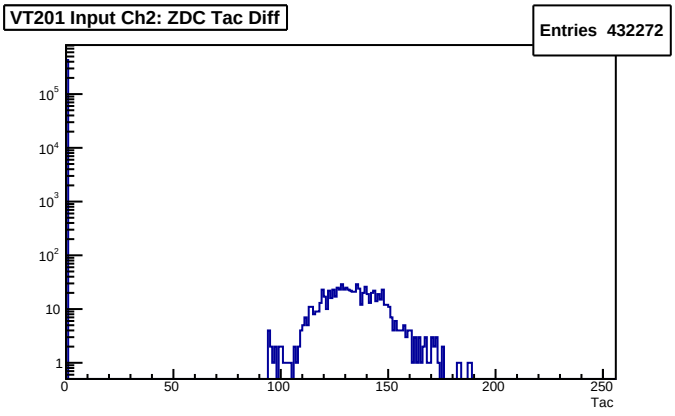

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

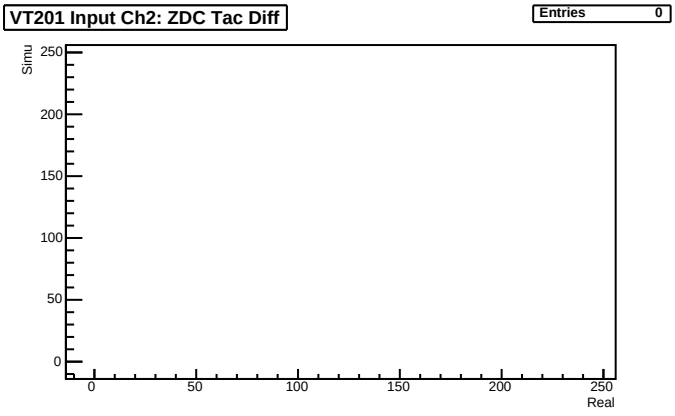

VT201 Input Ch1: EPD Tac Diff
Entries 432272
Tac

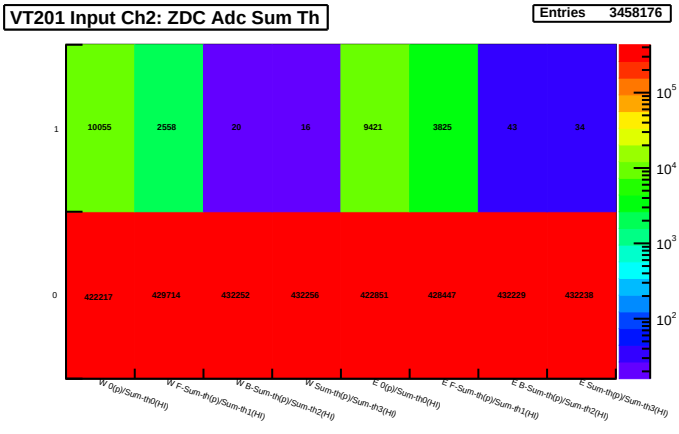

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

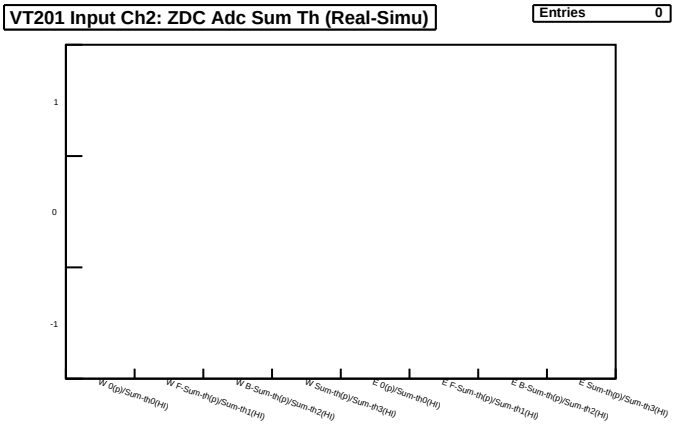

VT201 Input Ch1: EPD Hit Count Th
Entries 864544
426948
425804
5324
6468
East
West

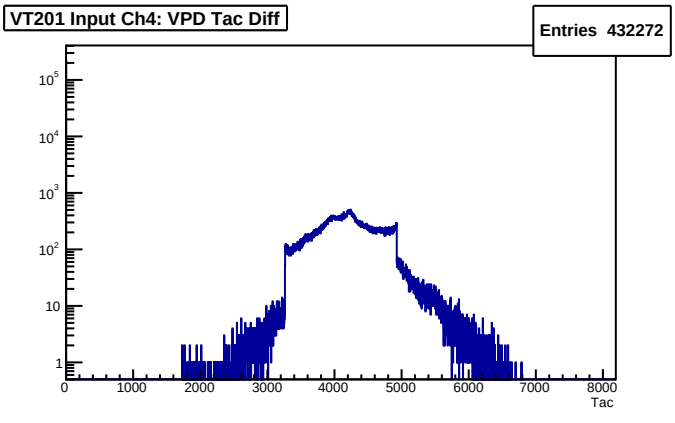

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

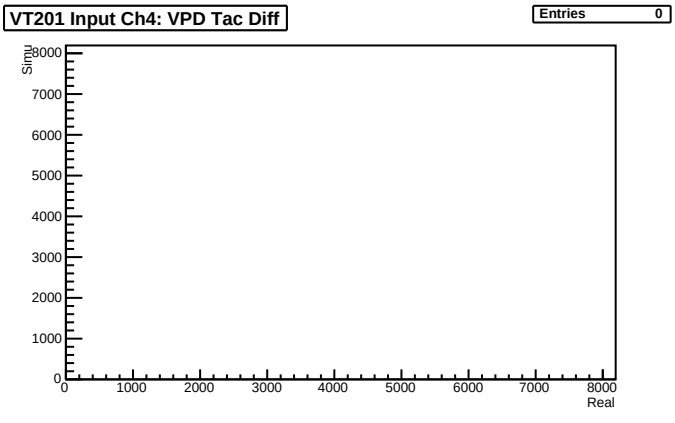

VT201 Input Ch2: ZDC Tac Diff
Entries 432272
Tac

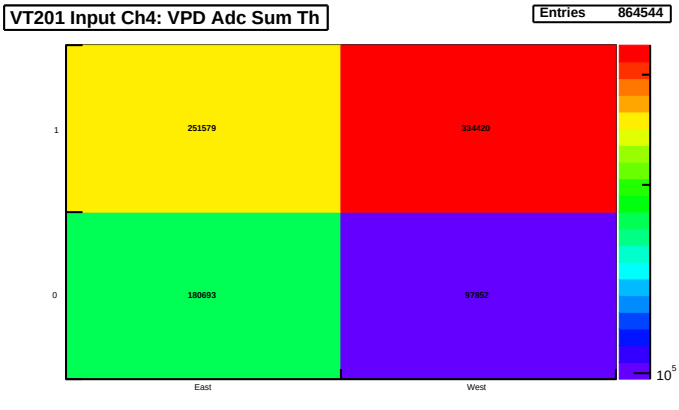

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

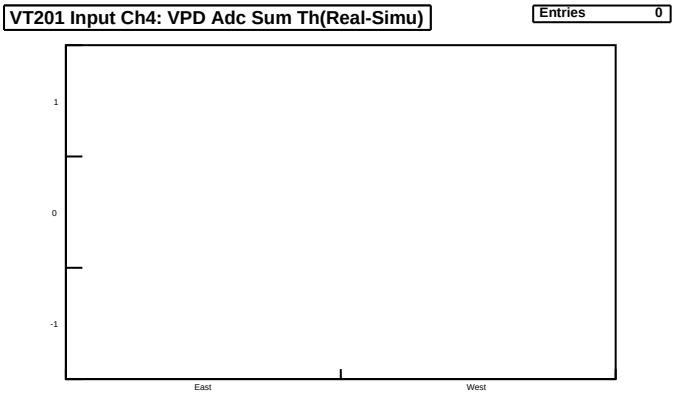

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3458176
10055
2558
20
16
9421
3825
43
34
422217
429714
432252
432256
422851
428447
432229
432238
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

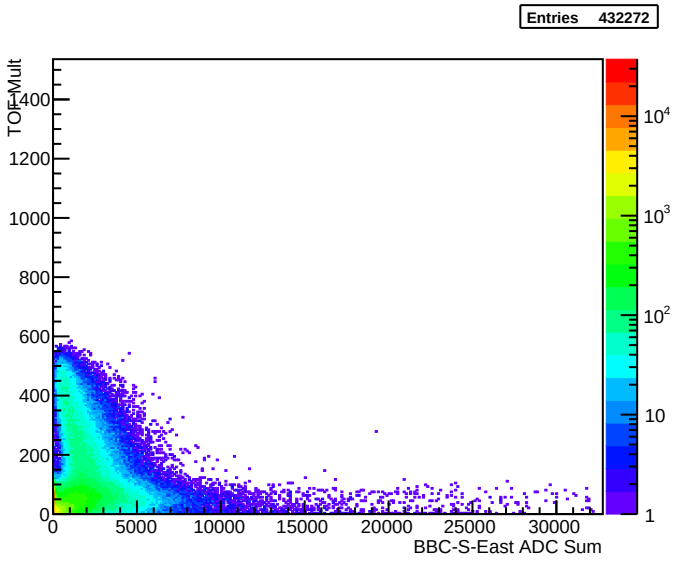

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

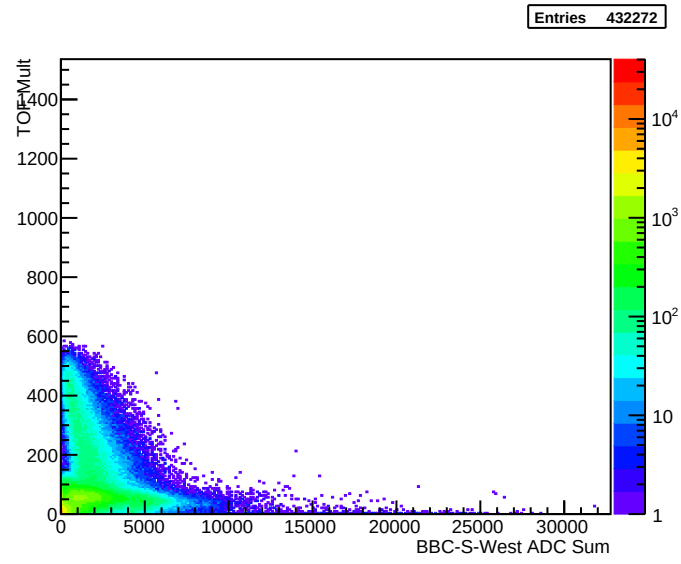

VT201 Input Ch4: VPD Tac Diff
Entries 432272
Tac

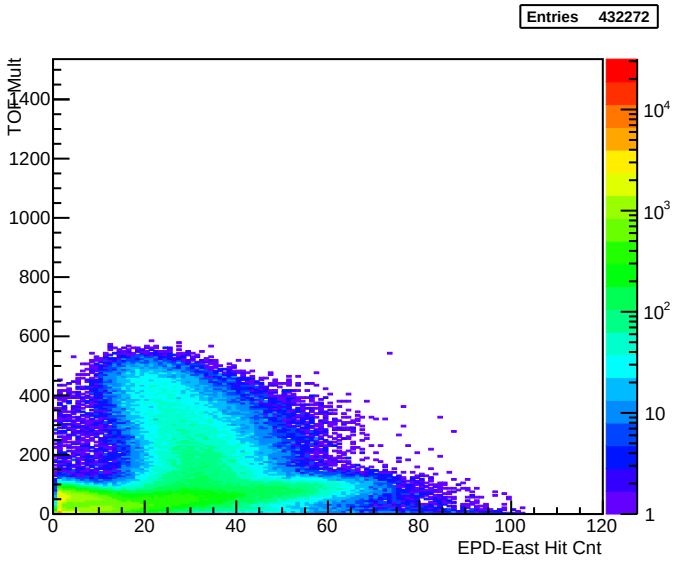

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

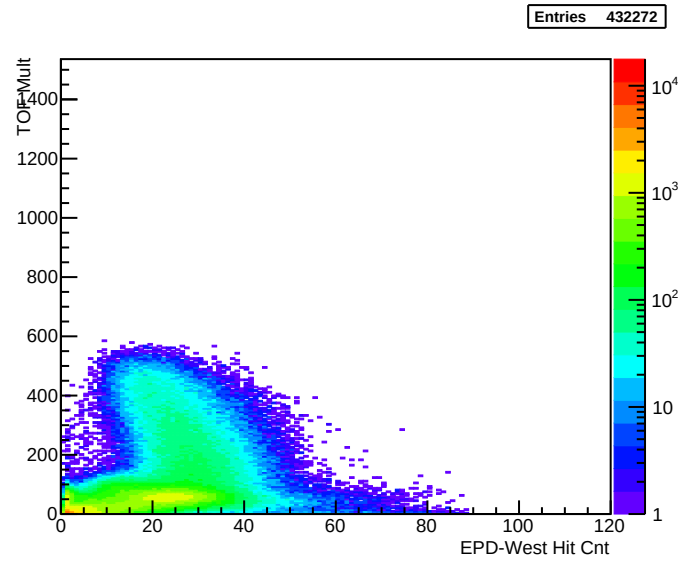

VT201 Input Ch4: VPD Adc Sum Th
Entries 864544
251579
334420
180693
97852
East
West

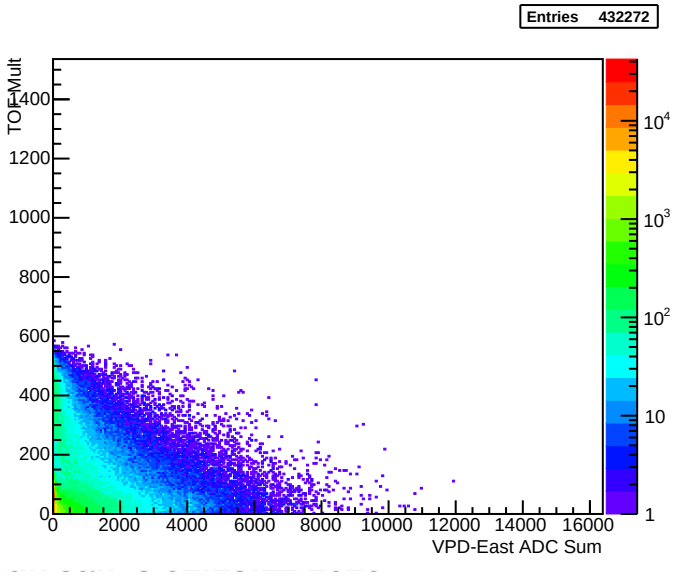

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

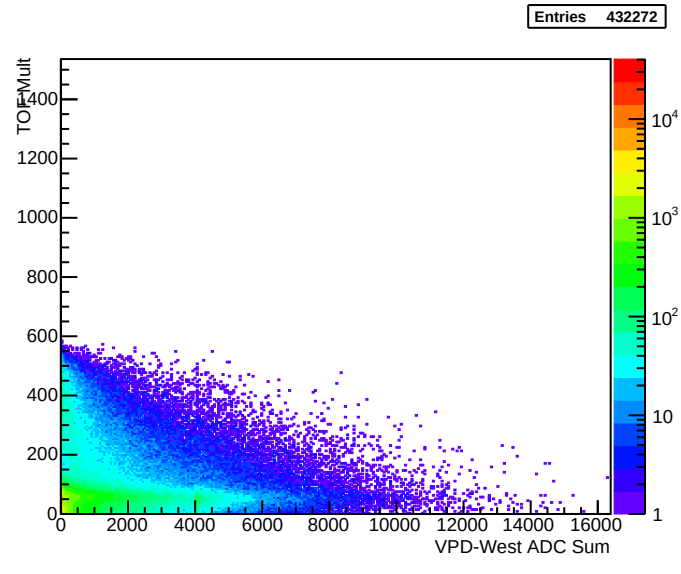

Entries 432272
TOF-Mult
BBC-S-East ADC Sum

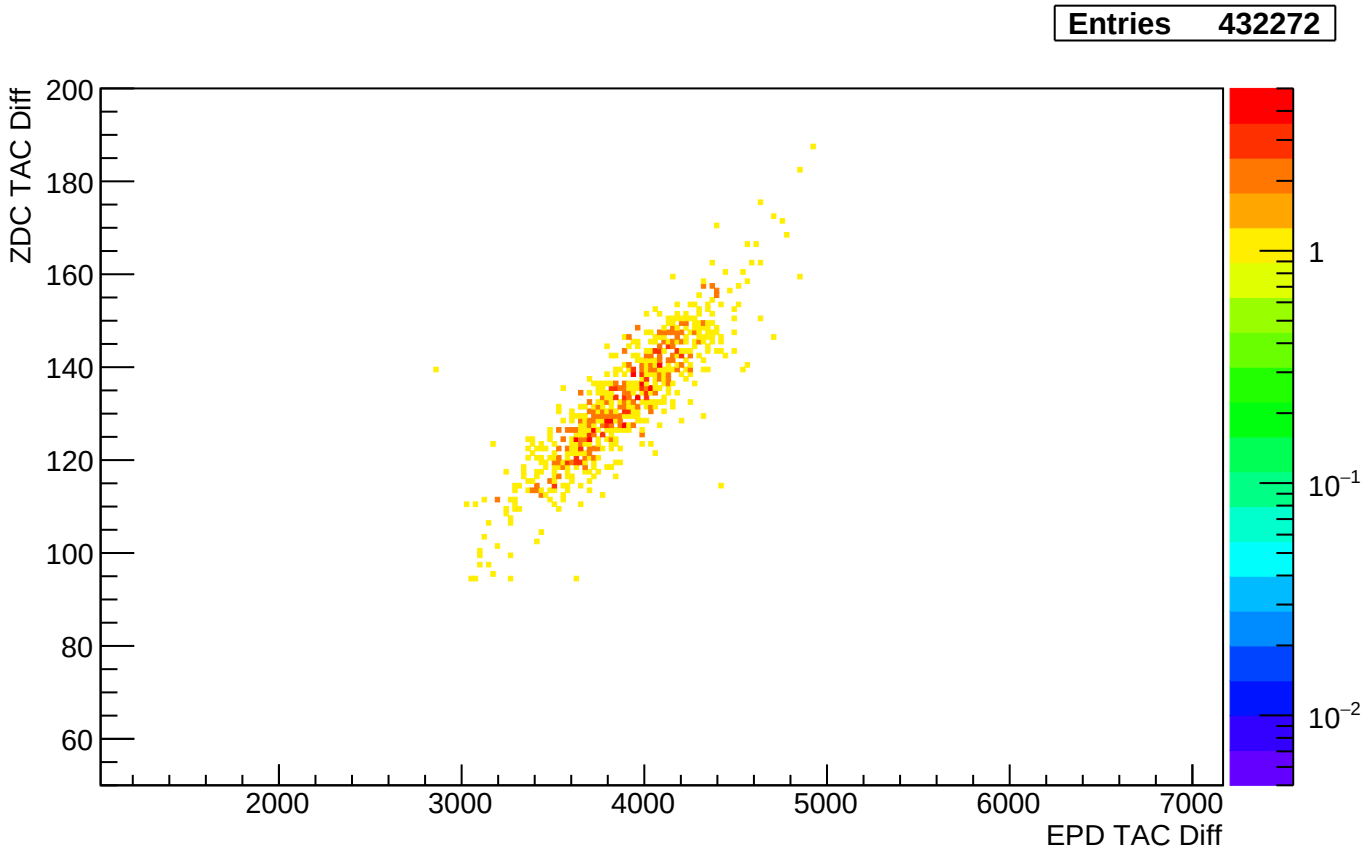

Entries 432272
TOF-Mult
BBC-S-West ADC Sum

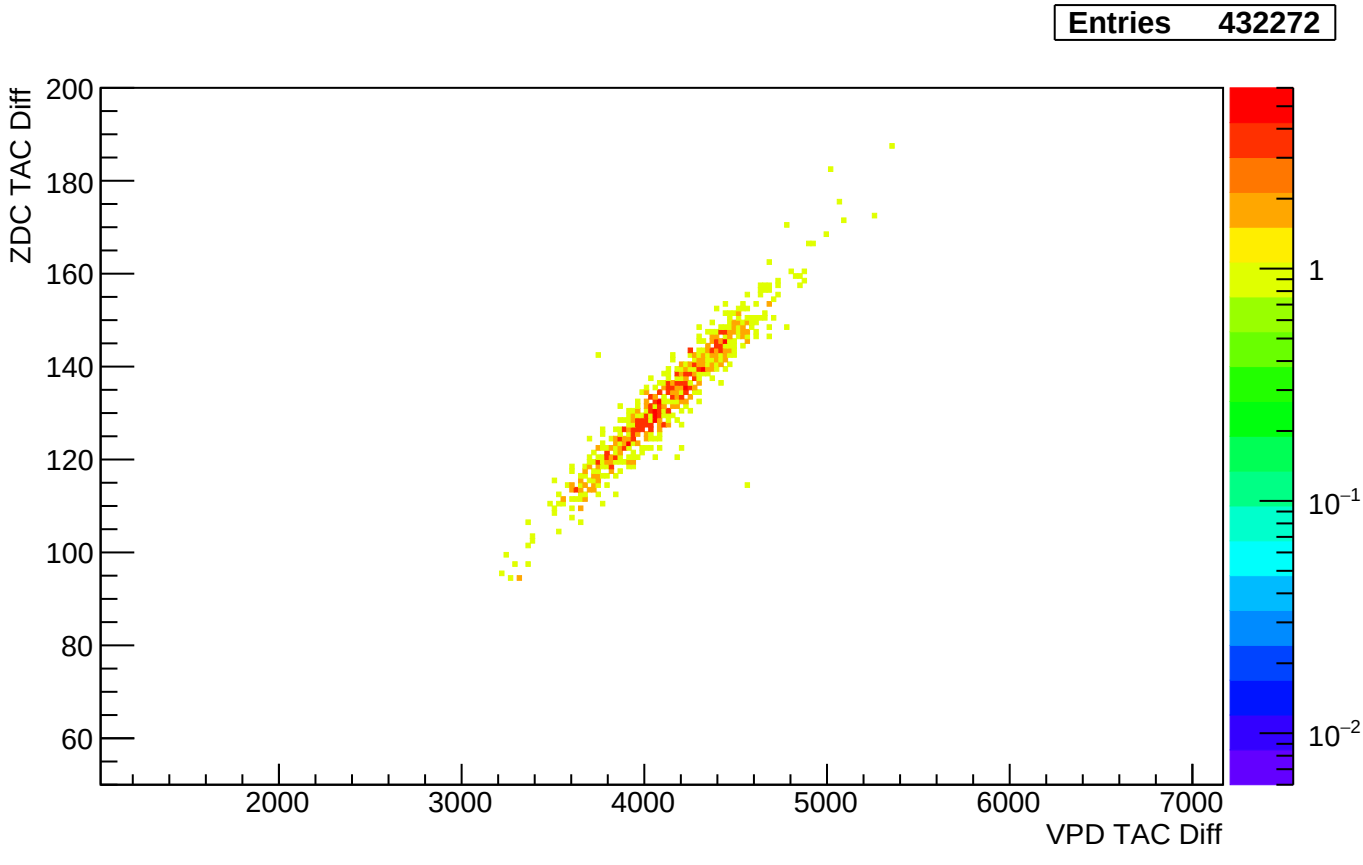

Entries 432272
TOF-Mult
EPD-East Hit Cnt

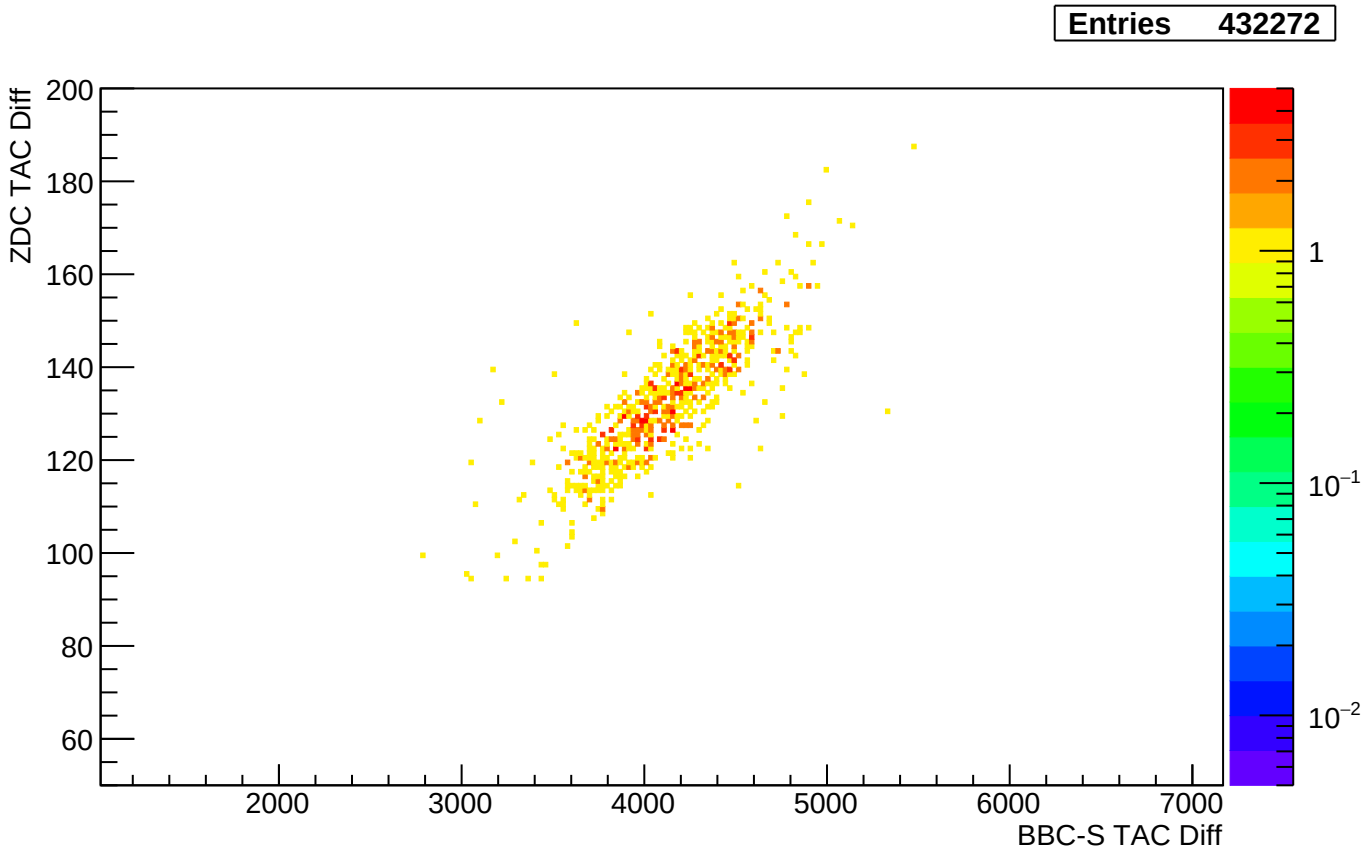

Entries 432272
TOF-Mult
EPD-West Hit Cnt

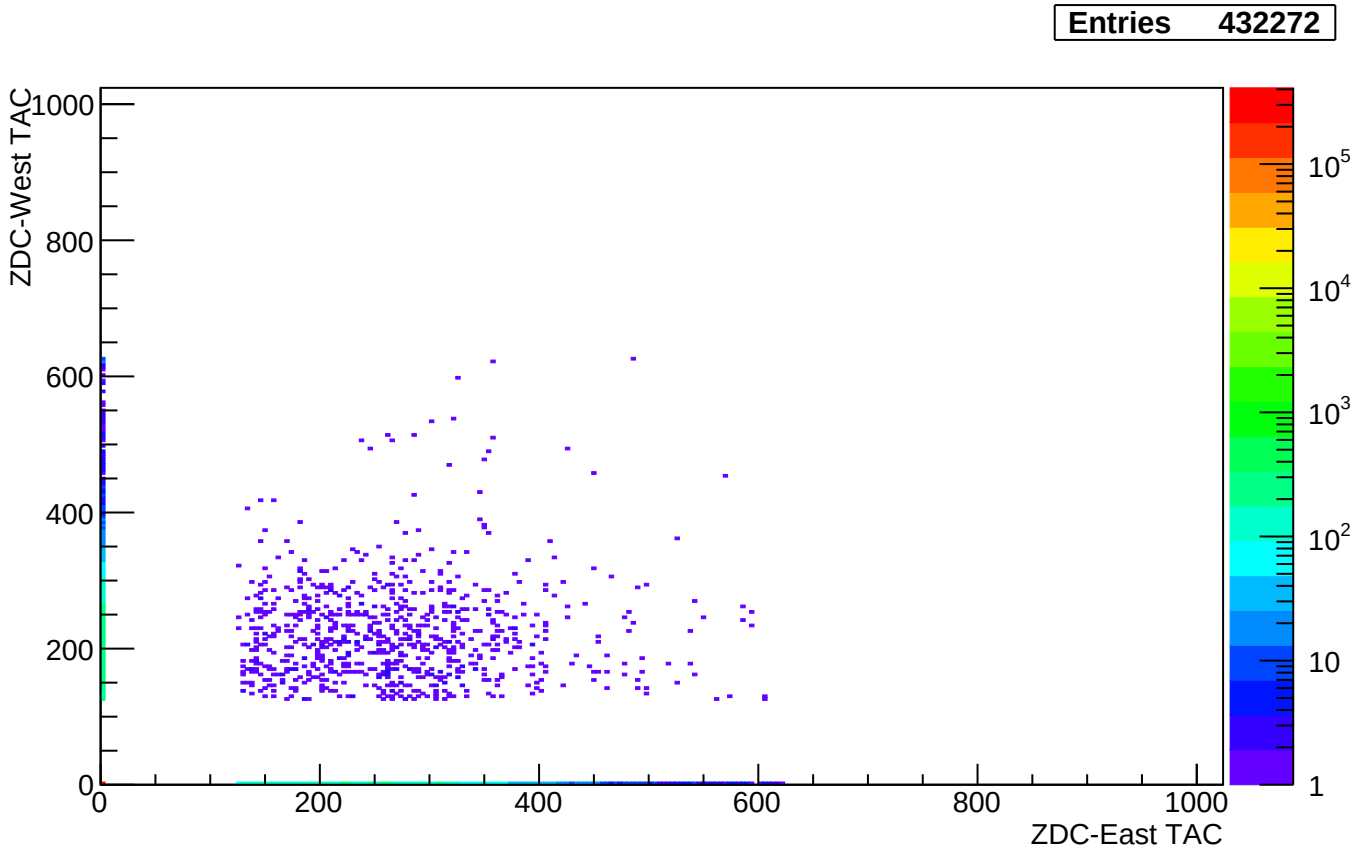

Entries 432272
TOF-Mult
VPD-East ADC Sum

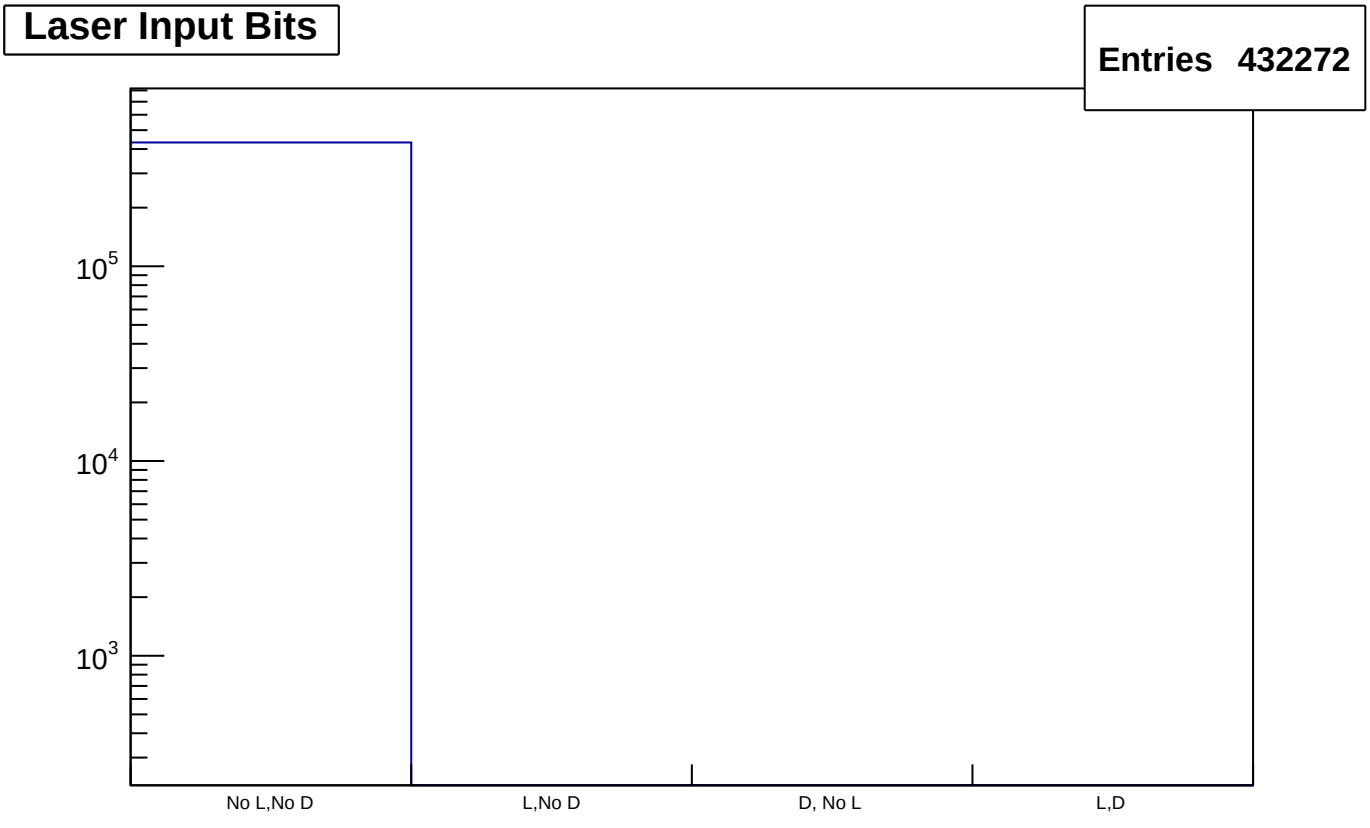

Entries 432272
TOF-Mult
VPD-West ADC Sum

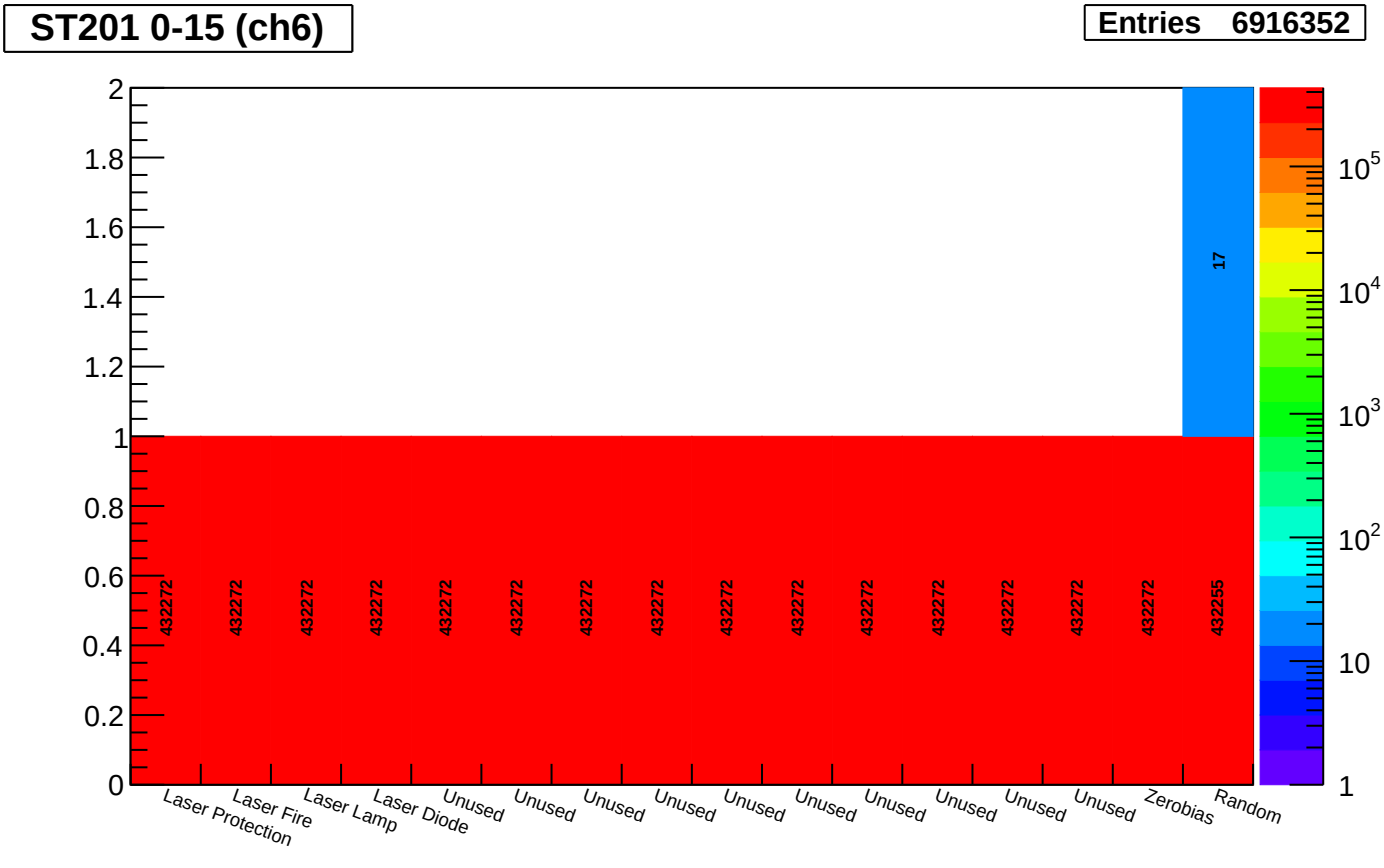

Entries 432272
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

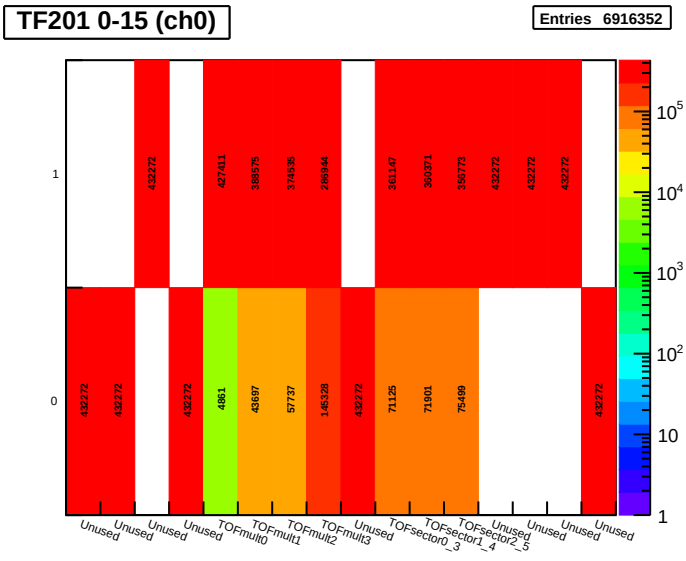

Entries 432272
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

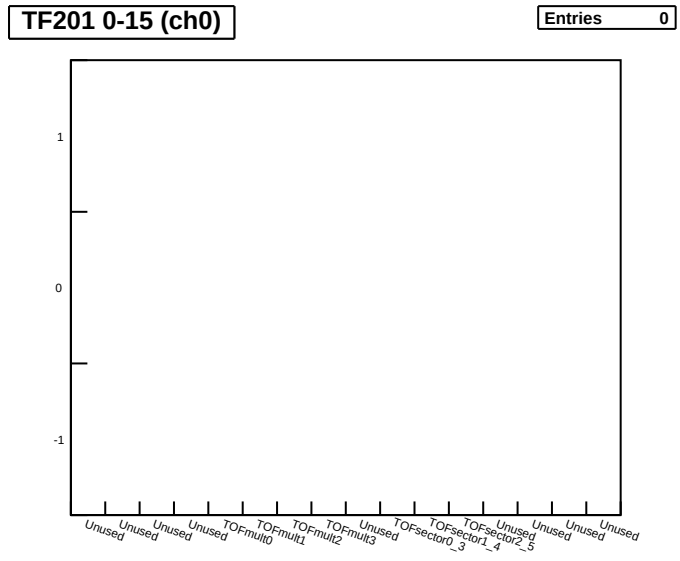

Entries 432272
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

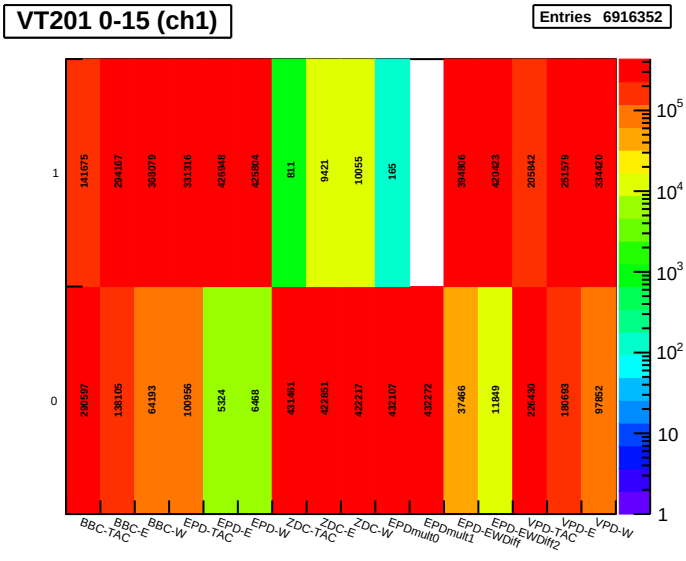

Entries 432272
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

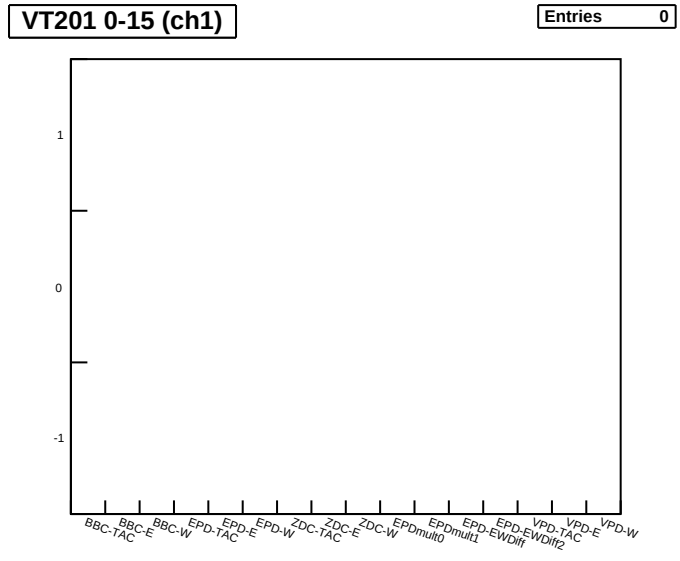

Laser Input Bits
Entries 432272
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

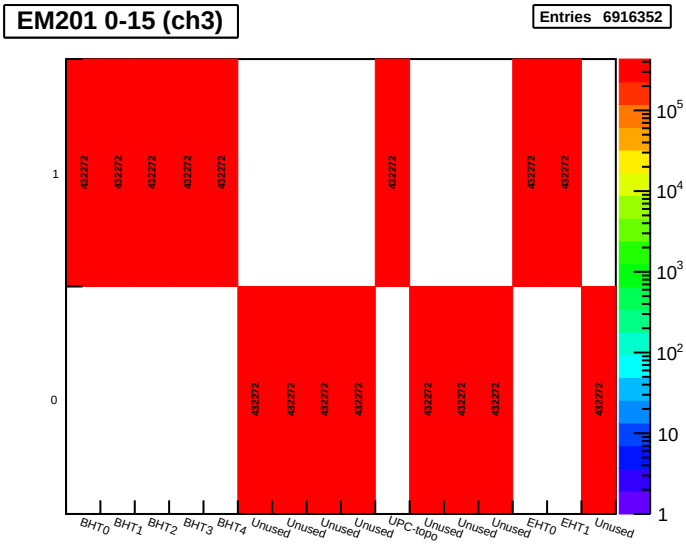

ST201 0-15 (ch6)
Entries 6916352
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
17
432272
432255
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

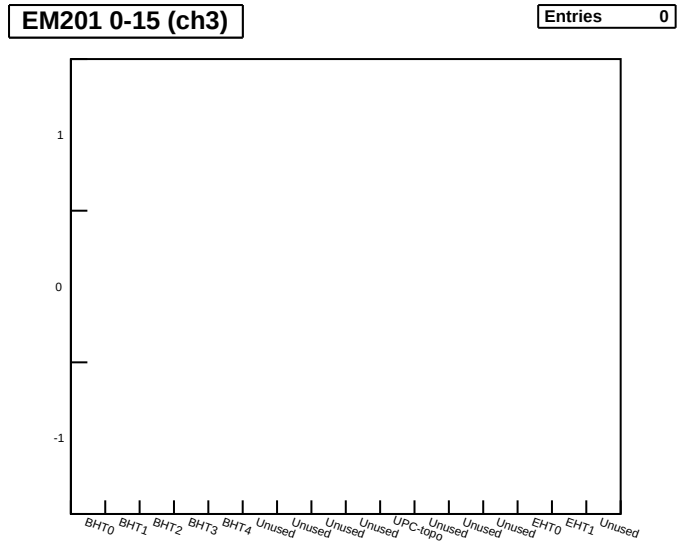

TF201 0-15 (ch0)
Entries 6916352
432272 427411 388575 374535 286944 361147 360371 356773 432272 432272 432272
432272 432272 432272 4861 45697 57737 146328 432272 71125 71901 75499 432272
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


TF201 0-15 (ch0)
Entries 0
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused


VT201 0-15 (ch1)
Entries 6916352
141675 294167 368079 331316 426948 425804 811 9421 10055 165 394896 420423 205842 251579 334420
230597 138105 64193 100956 5324 6468 431461 422851 422217 432107 432272 37466 11849 226430 180693 97852
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


VT201 0-15 (ch1)
Entries 0
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 6916352
432272 432272 432272 432272 432272 432272 432272 432272 432272
432272 432272 432272 432272 432272 432272 432272 432272
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused