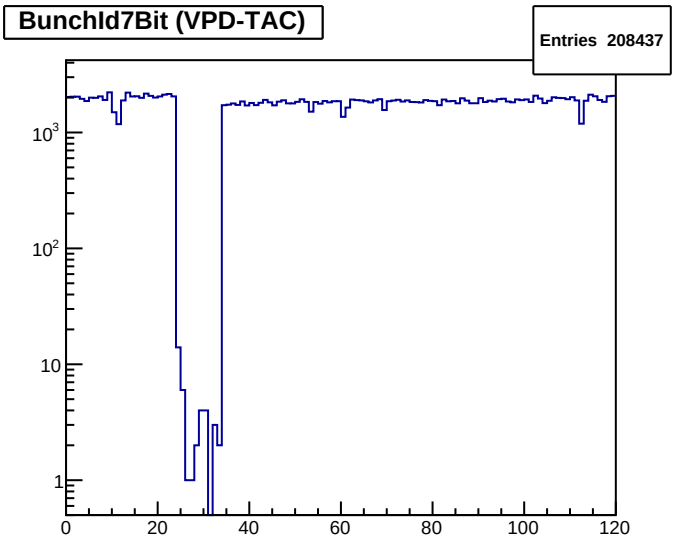
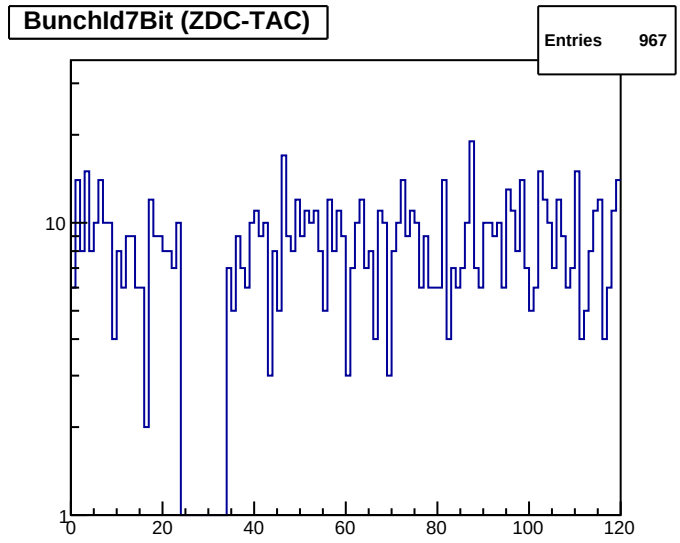
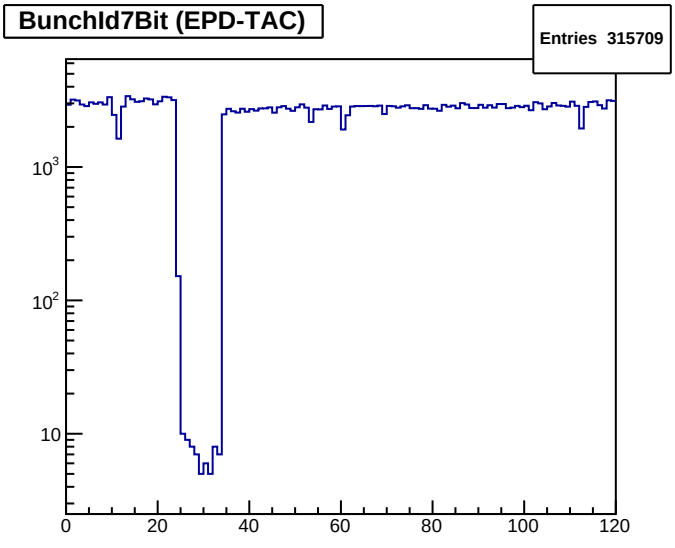
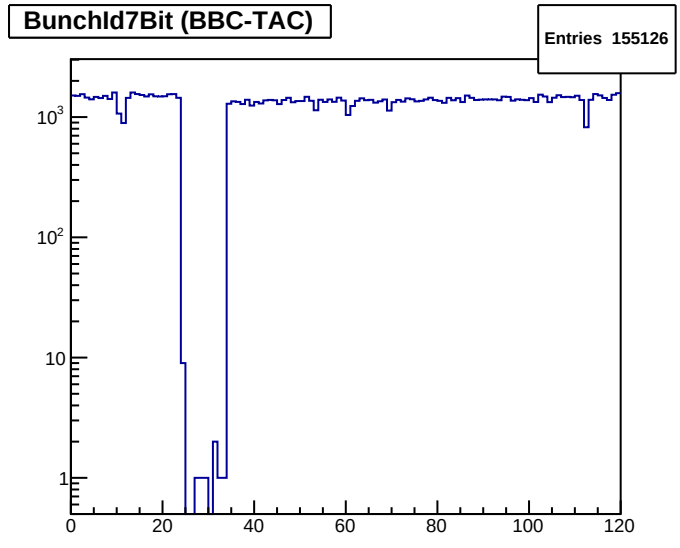
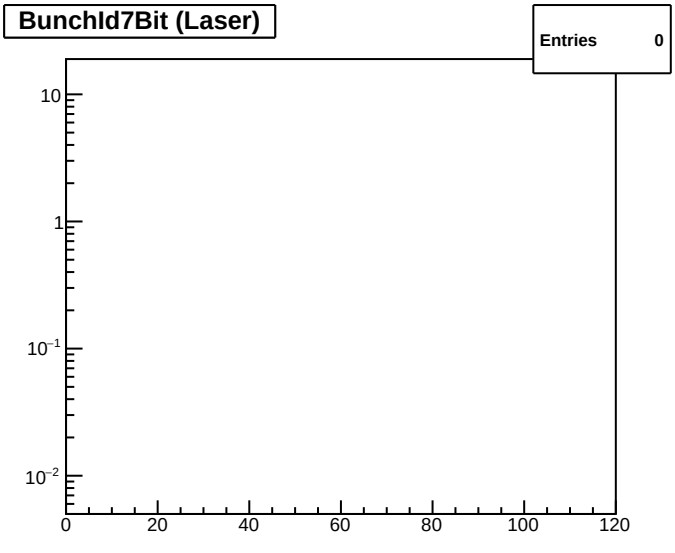
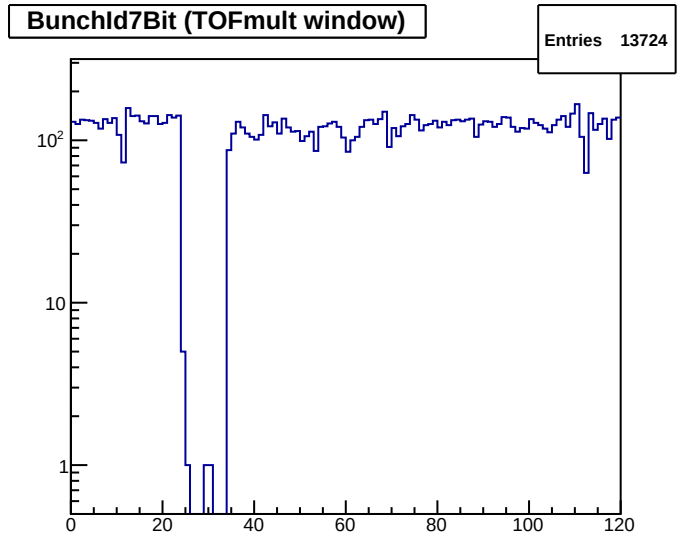

BunchId7Bit (VPD-TAC)
Entries 208437

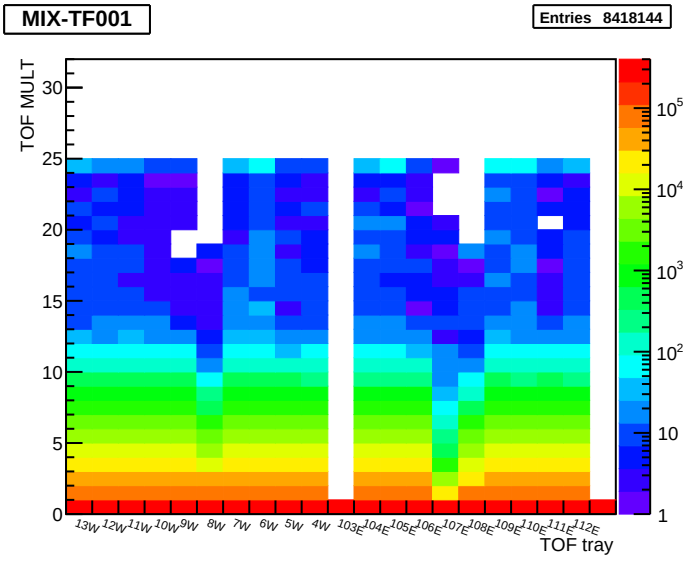

BunchId7Bit (ZDC-TAC)
Entries 967

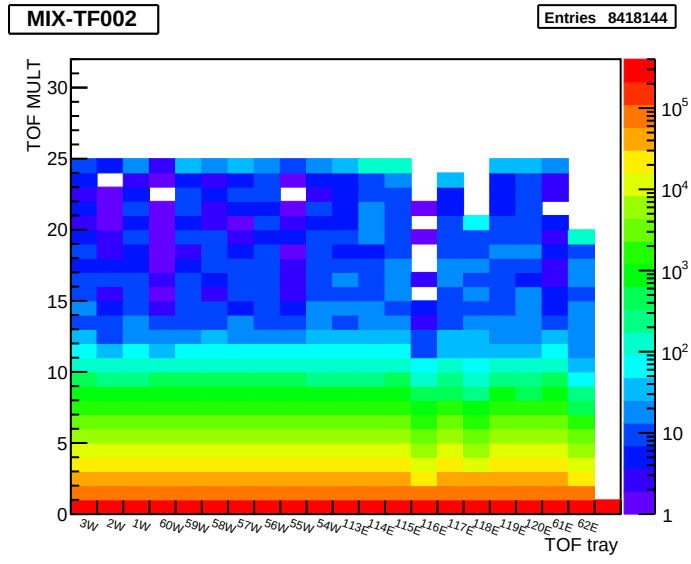

BunchId7Bit (EPD-TAC)
Entries 315709

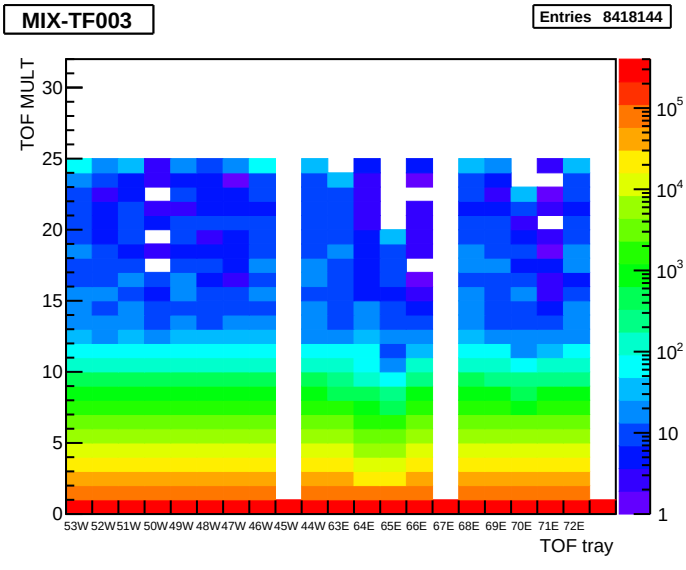

BunchId7Bit (BBC-TAC)
Entries 155126

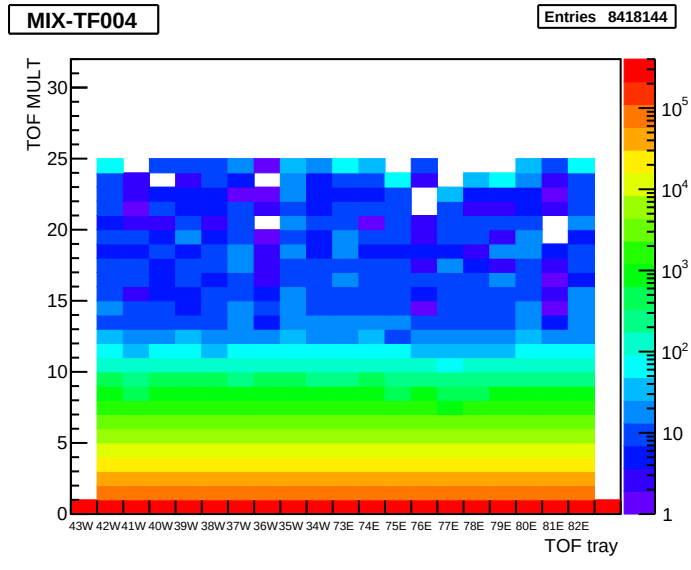

BunchId7Bit (Laser)
Entries 0

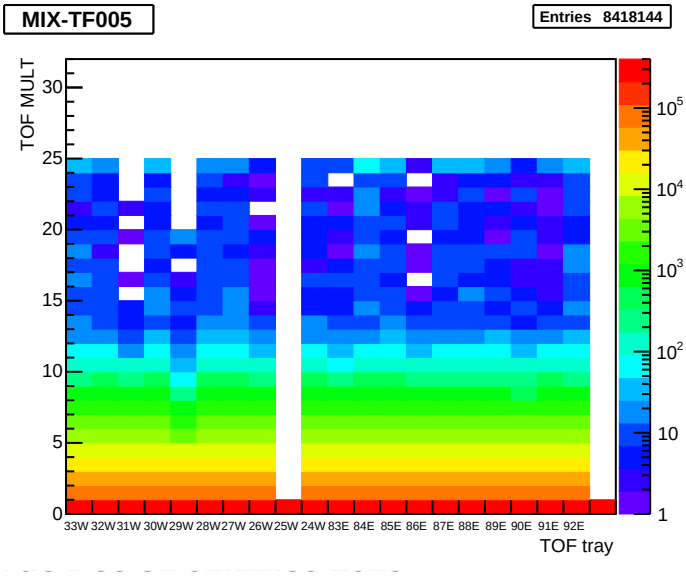

BunchId7Bit (TOFmult window)
Entries 13724

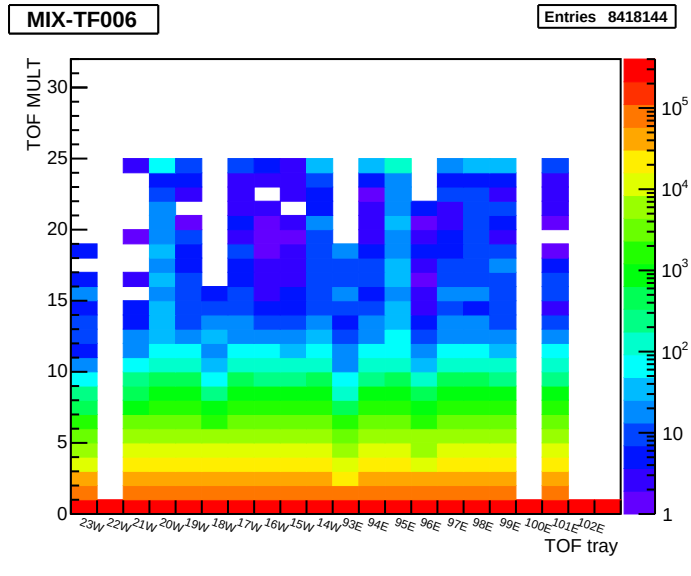

MIX-TF001
Entries 8418144
TOF MULT
TOF tray

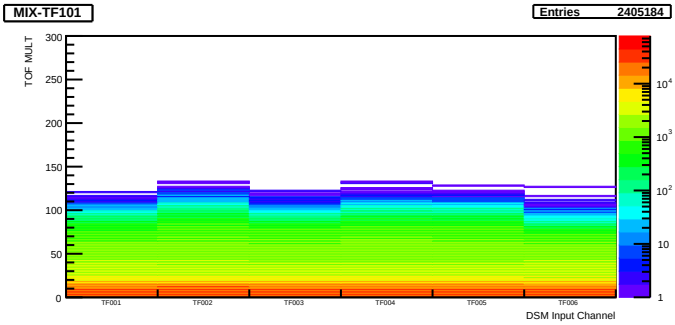

MIX-TF002
Entries 8418144
TOF MULT
TOF tray

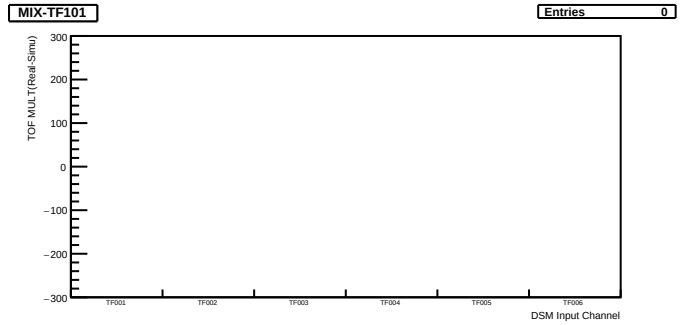

MIX-TF003
Entries 8418144
TOF MULT
TOF tray

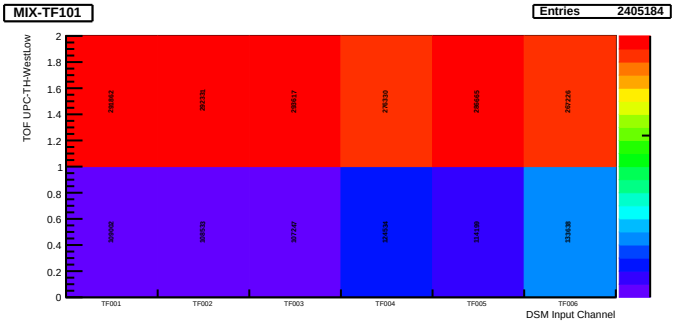

MIX-TF004
Entries 8418144
TOF MULT
TOF tray

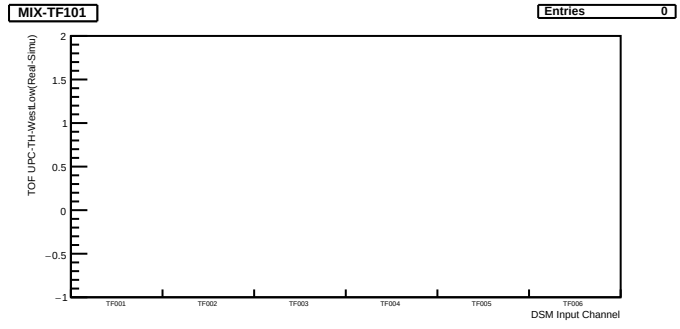

MIX-TF005
Entries 8418144
TOF MULT
TOF tray

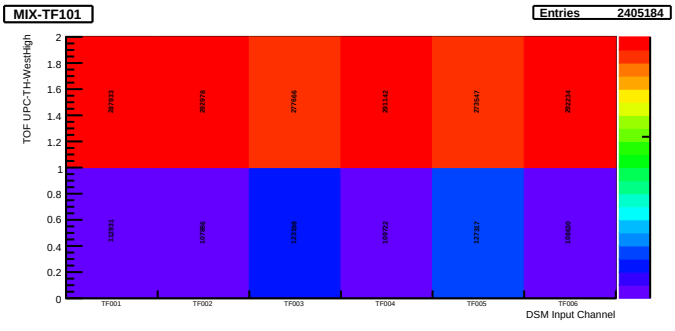

MIX-TF006
Entries 8418144
TOF MULT
TOF tray

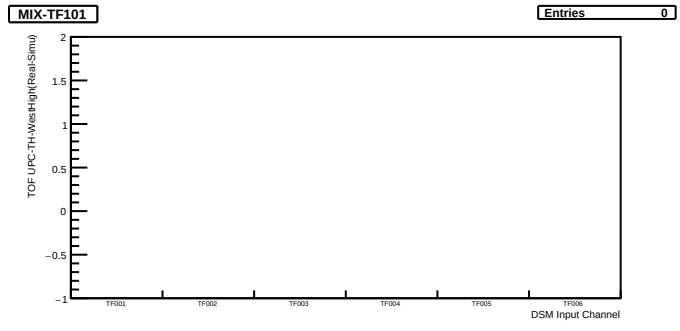

MIX-TF101
Entries 2405184
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

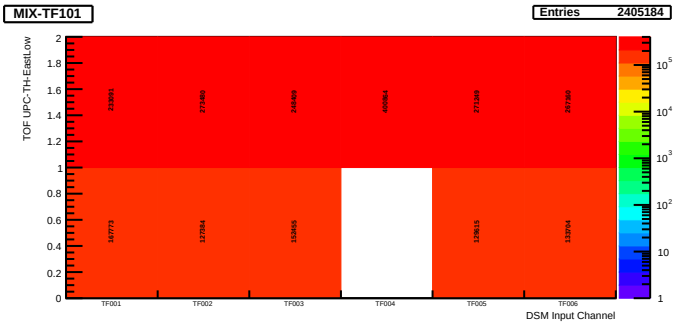

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

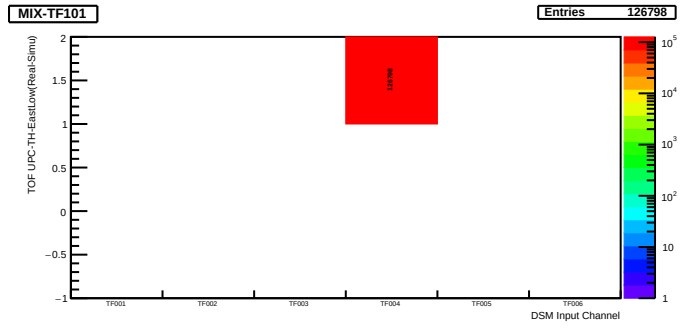

MIX-TF101
Entries 2405184
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

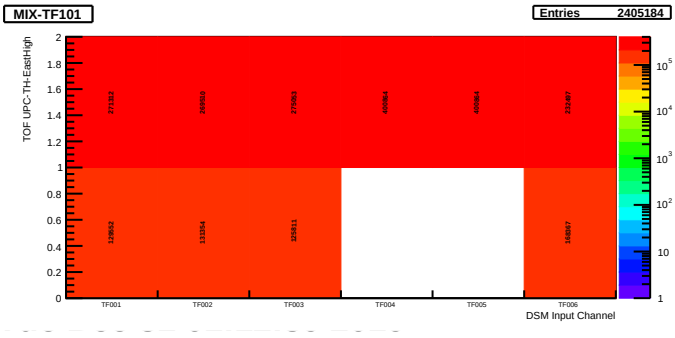

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

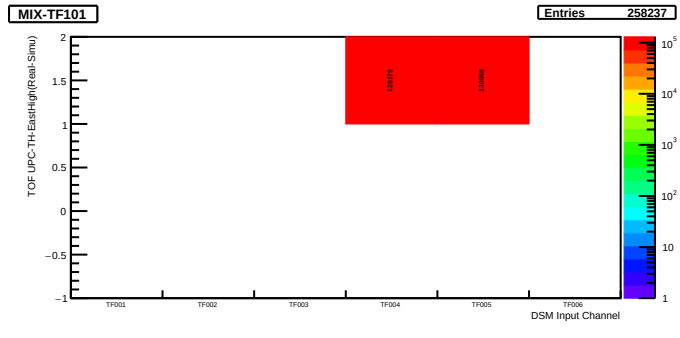

MIX-TF101
Entries 2405184
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

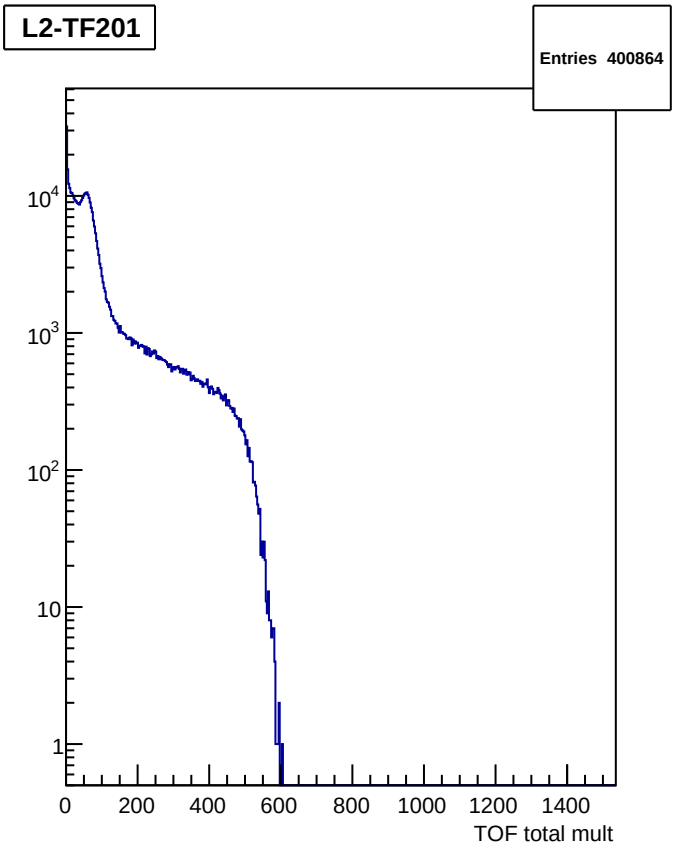

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

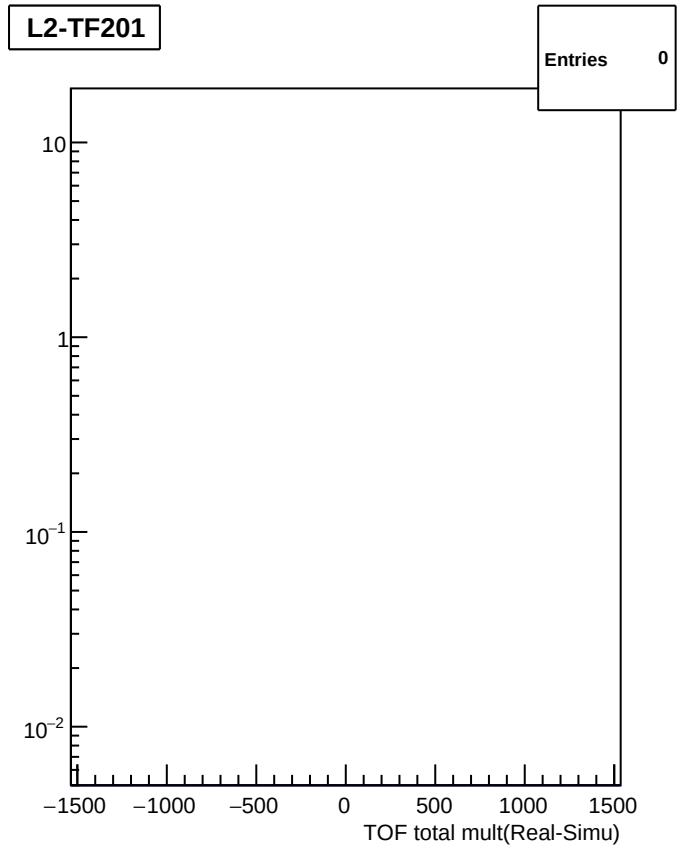

MIX-TF101
Entries 2405184
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

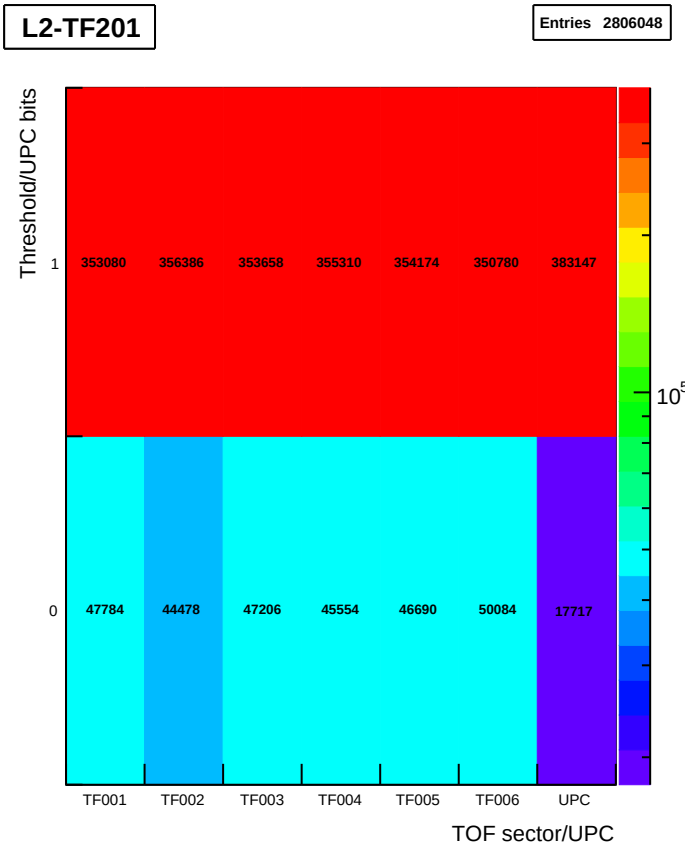

MIX-TF101
Entries 126798
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

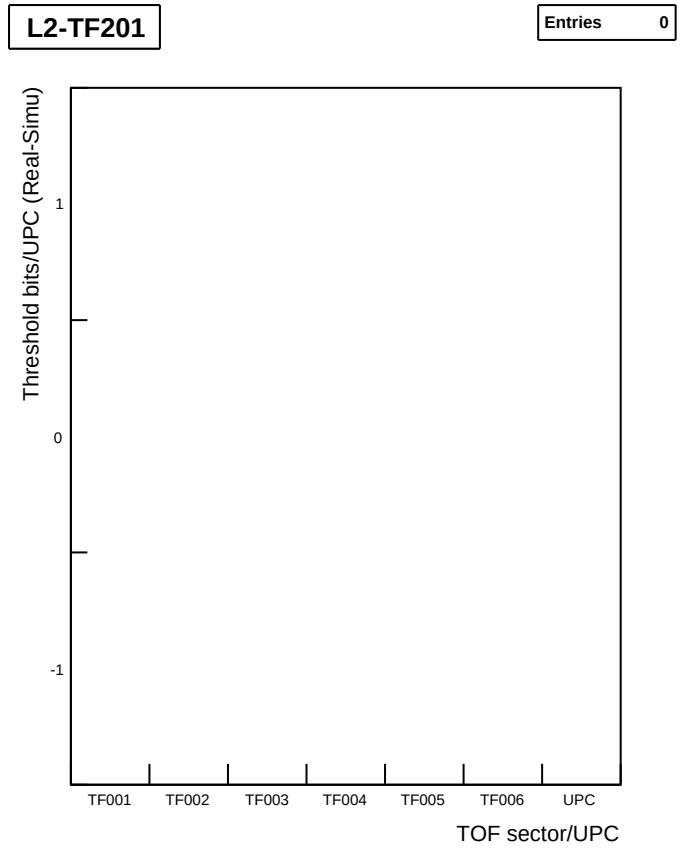

MIX-TF101
Entries 2405184
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

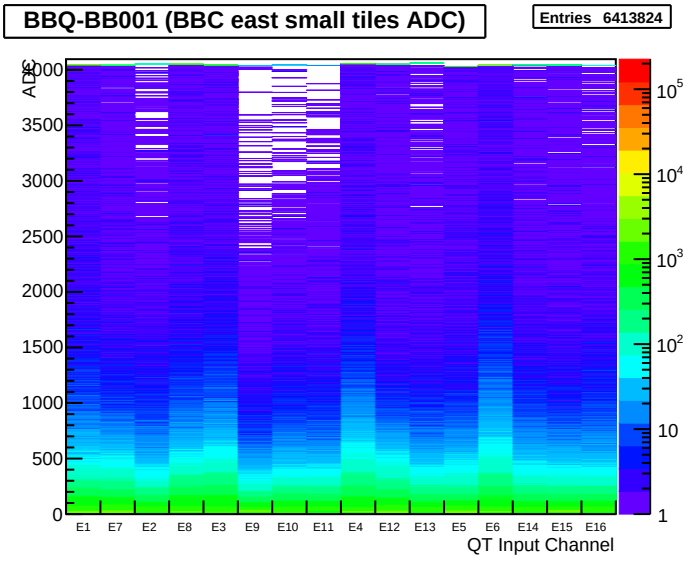

MIX-TF101
Entries 258237
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

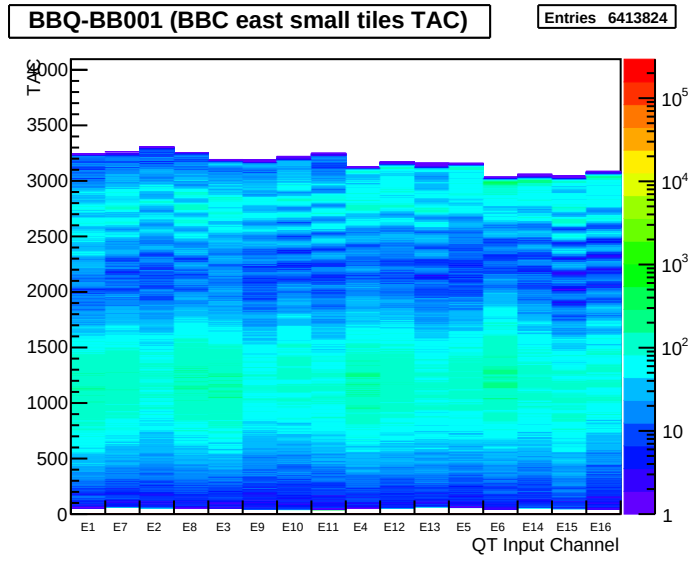

L2-TF201
Entries 400864
TOF total mult

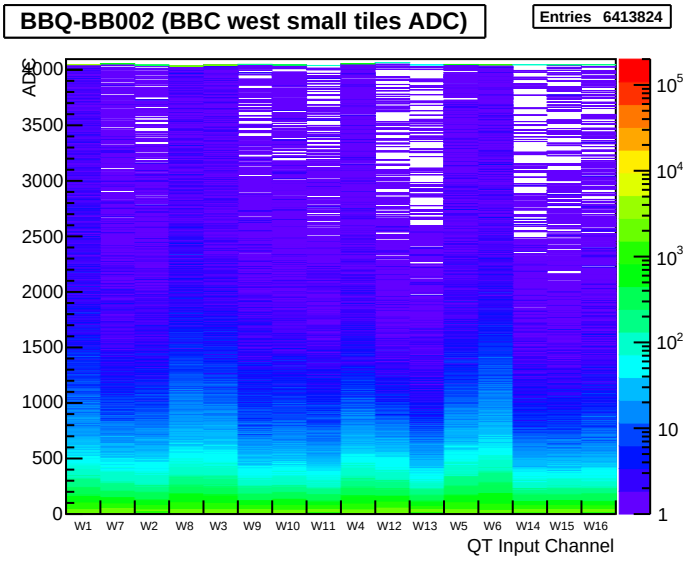

L2-TF201
Entries 0
TOF total mult(Real-Simu)

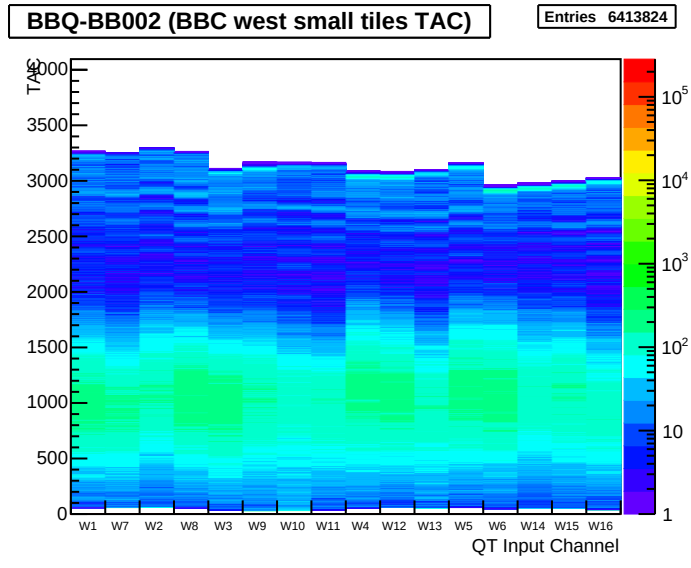

L2-TF201
Entries 2806048
Threshold/UPC bits
353080
356386
353658
355310
354174
350780
383147
47784
44478
47206
45554
46690
50084
17717
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

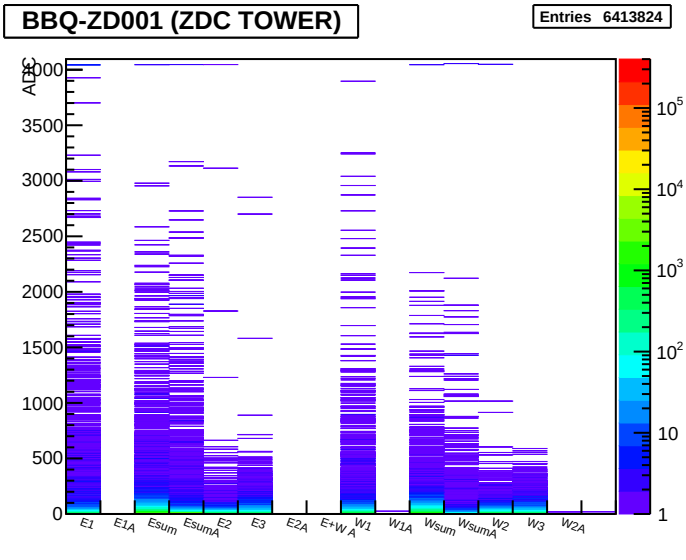

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

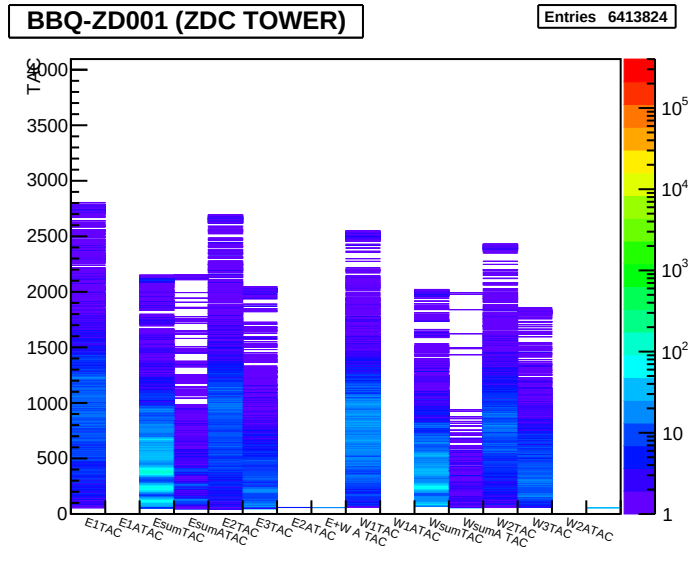

BBQ-BB001 (BBC east small tiles ADC)
Entries 6413824
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

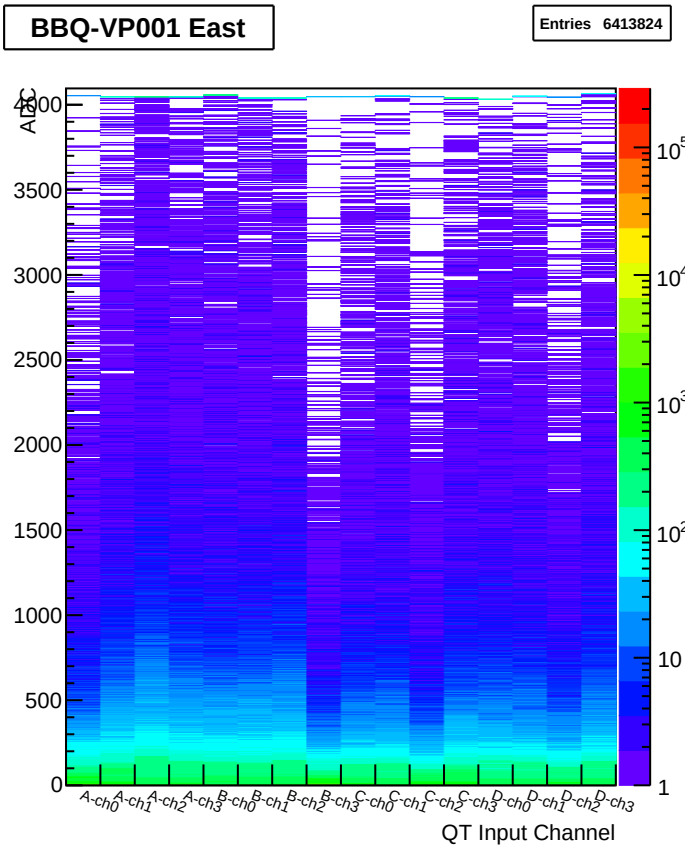

BBQ-BB001 (BBC east small tiles TAC)
Entries 6413824
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

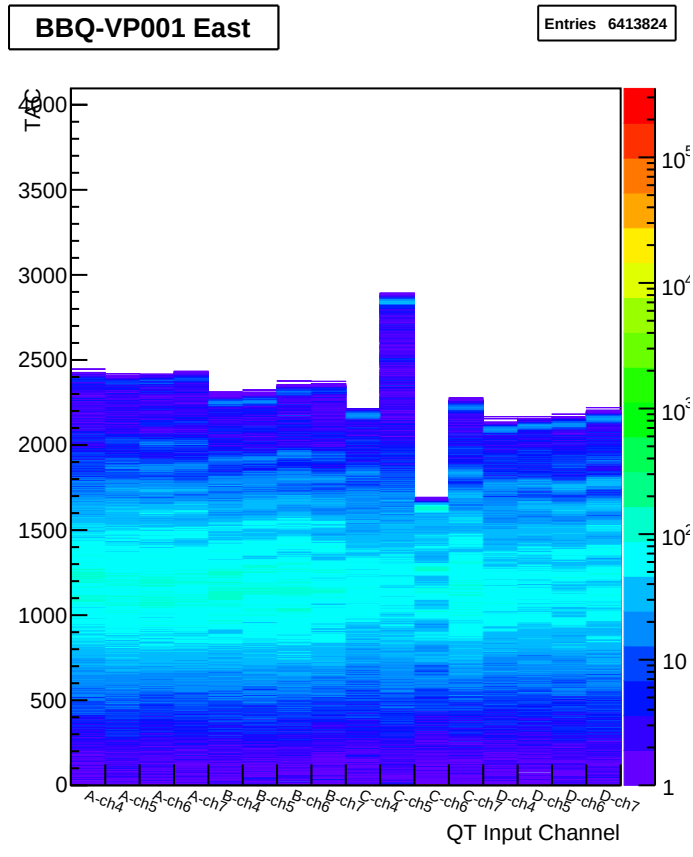

BBQ-BB002 (BBC west small tiles ADC)
Entries 6413824
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

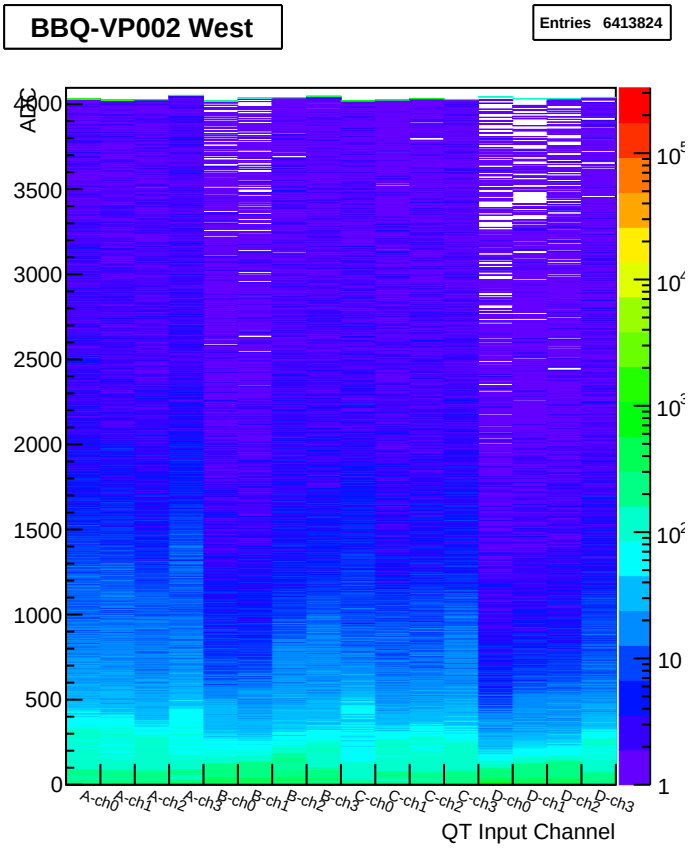

BBQ-BB002 (BBC west small tiles TAC)
Entries 6413824
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

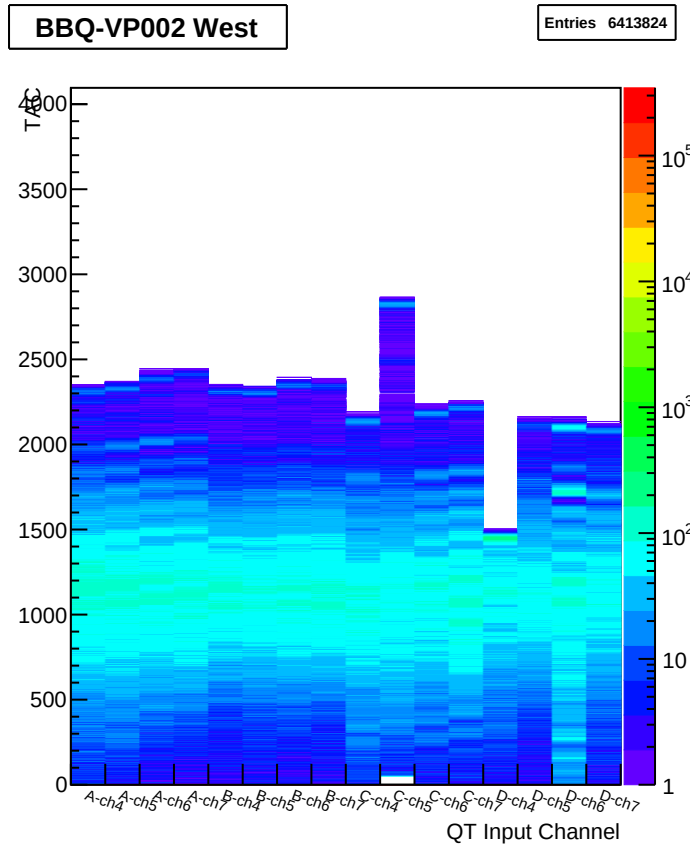

BBQ-ZD001 (ZDC TOWER)
Entries 6413824
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

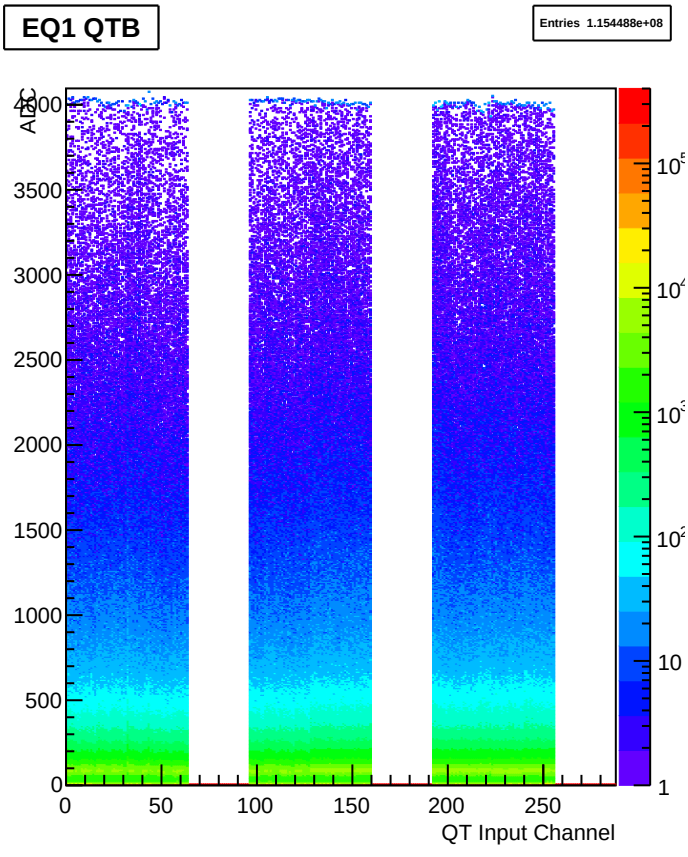

BBQ-ZD001 (ZDC TOWER)
Entries 6413824
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

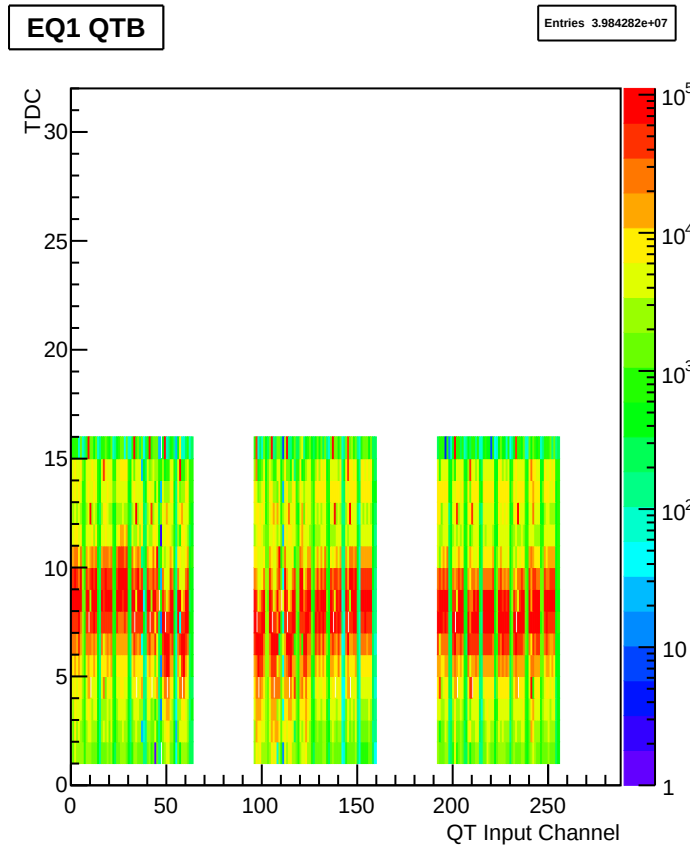

BBQ-VP001 East
Entries 6413824
ADC
QT Input Channel

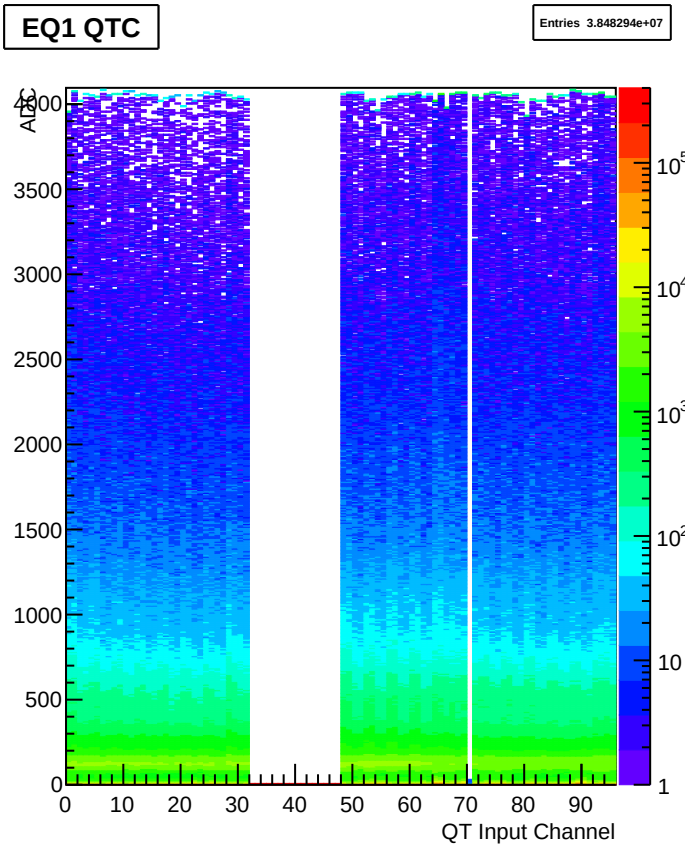

BBQ-VP001 East
Entries 6413824
ADC
QT Input Channel

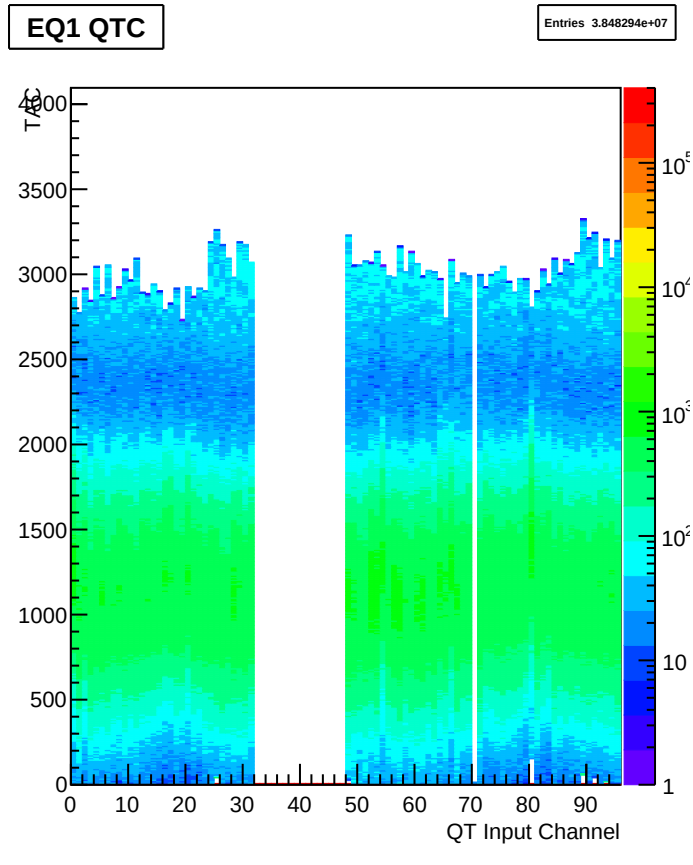

BBQ-VP002 West
Entries 6413824
ADC
QT Input Channel

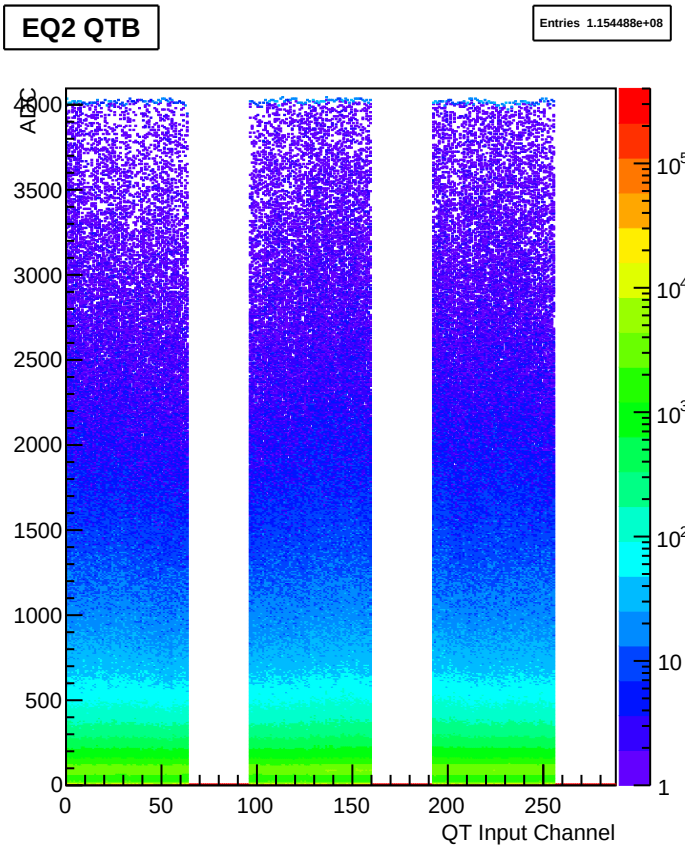

BBQ-VP002 West
Entries 6413824
ADC
QT Input Channel

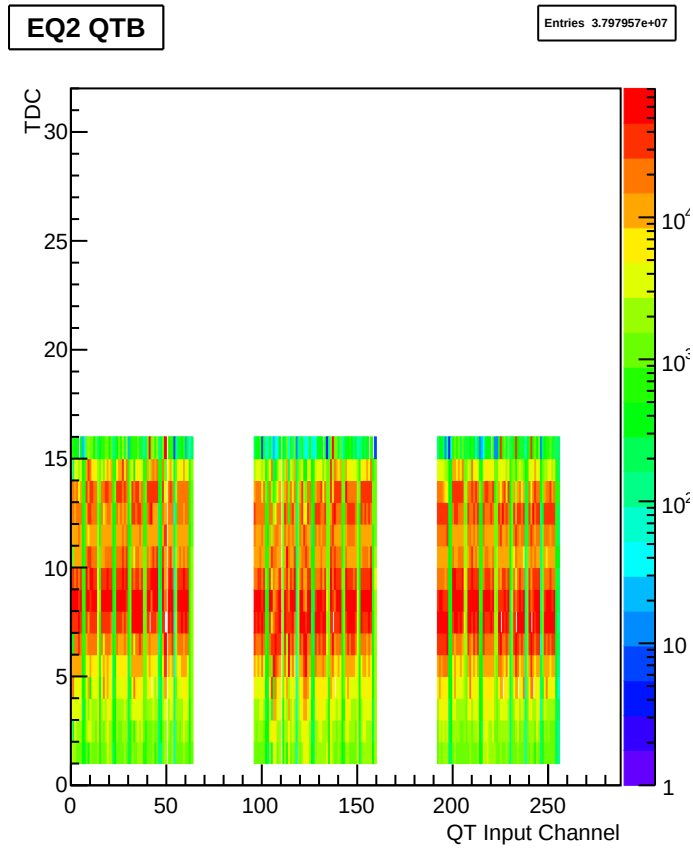

EQ1 QTB
Entries 1.154488e+08
ADC
QT Input Channel

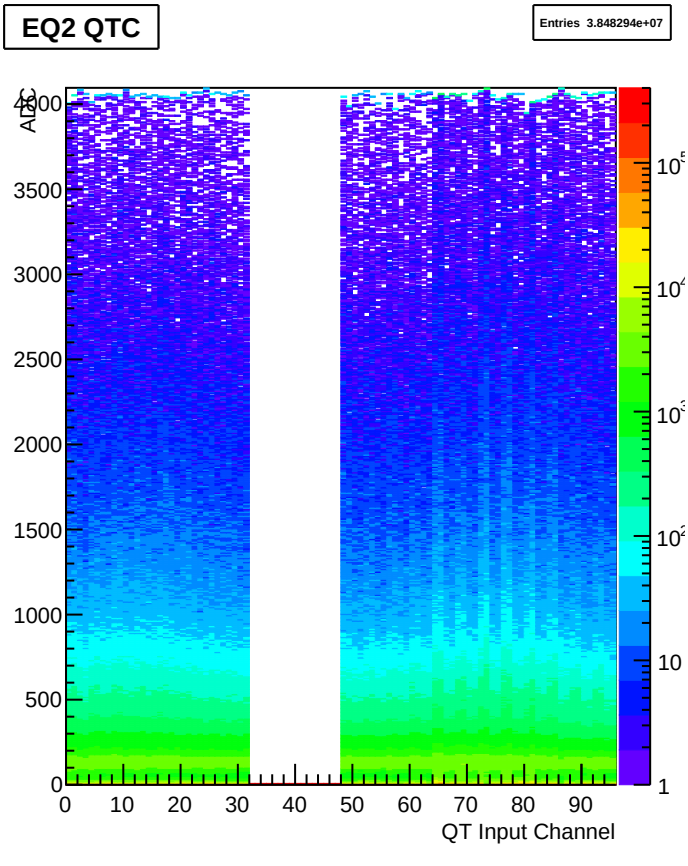

EQ1 QTB
Entries 3.984282e+07
TDC
QT Input Channel

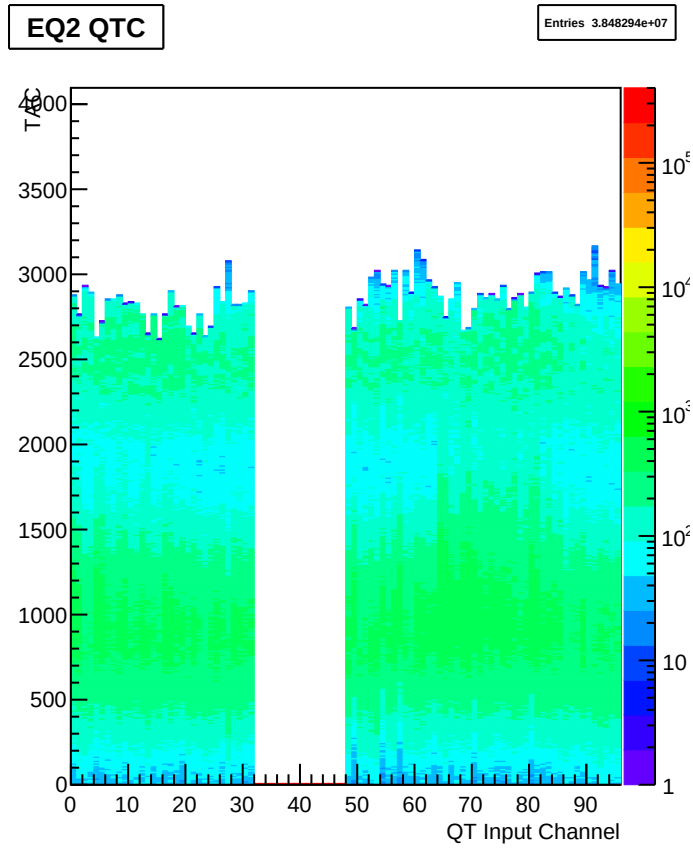

EQ1 QTC
Entries 3.848294e+07
ADC
QT Input Channel

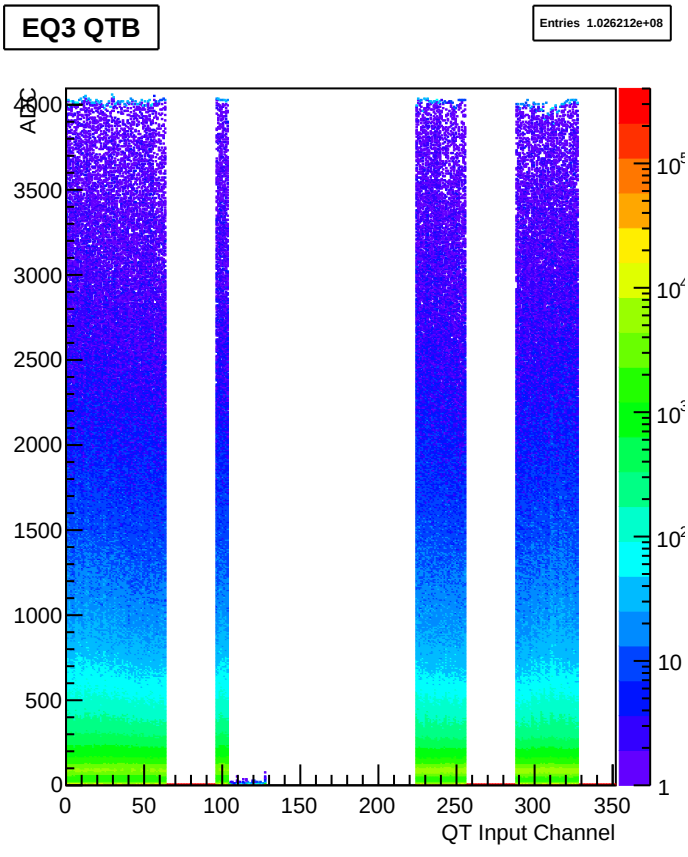

EQ1 QTC
Entries 3.848294e+07
TADC
QT Input Channel

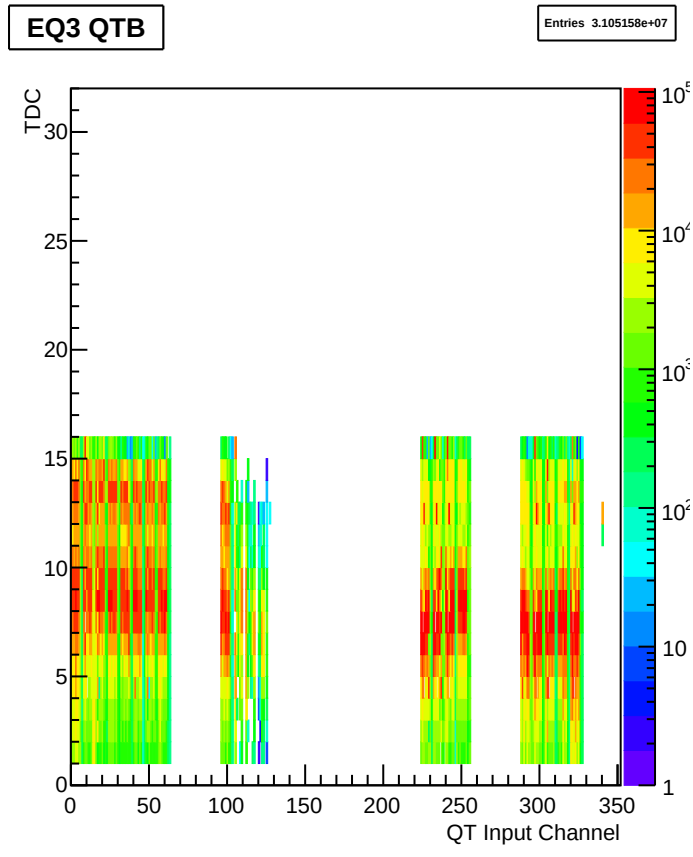

EQ2 QTB
Entries 1.154488e+08
ADC
QT Input Channel

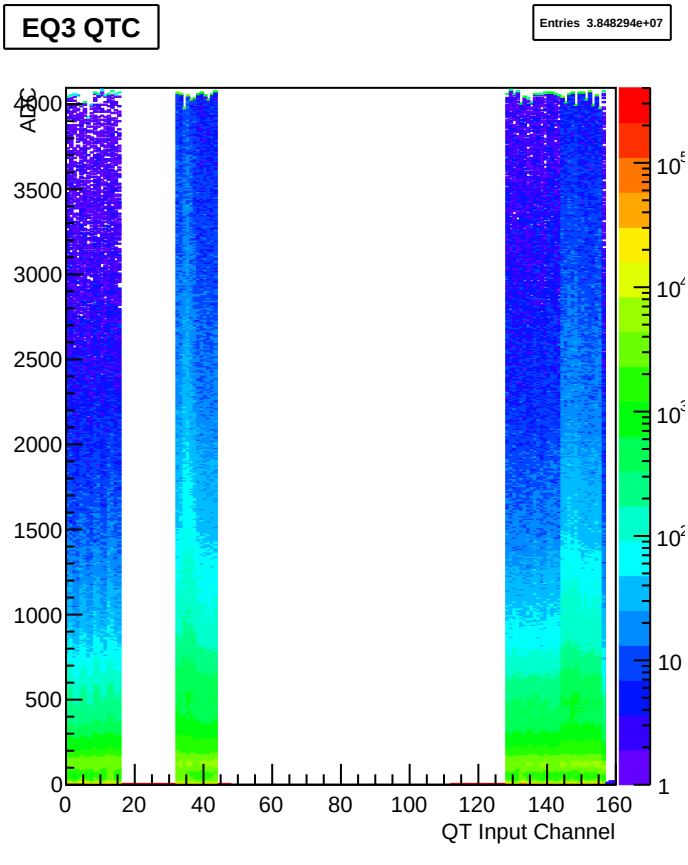

EQ2 QTB
Entries 3.797957e+07
TDC
QT Input Channel

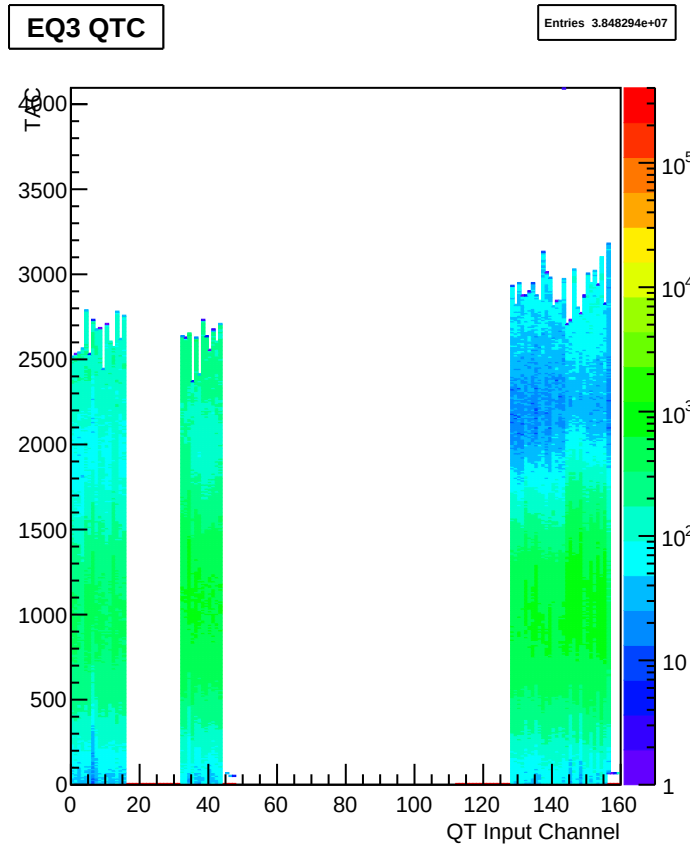

EQ2 QTC
Entries 3.848294e+07
ADC
QT Input Channel

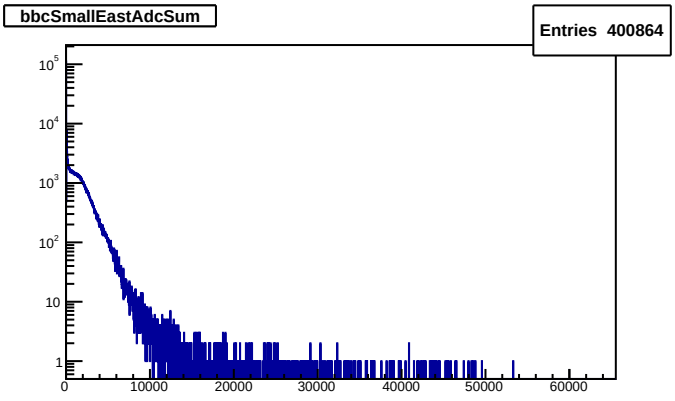

EQ2 QTC
Entries 3.848294e+07
TADC
QT Input Channel

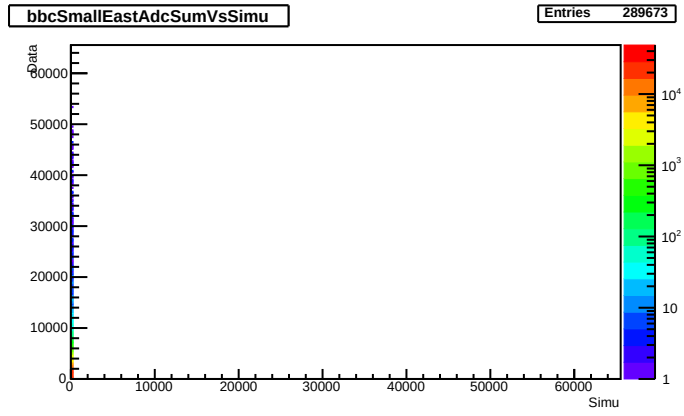

EQ3 QTB
Entries 1.026212e+08
ADC
QT Input Channel

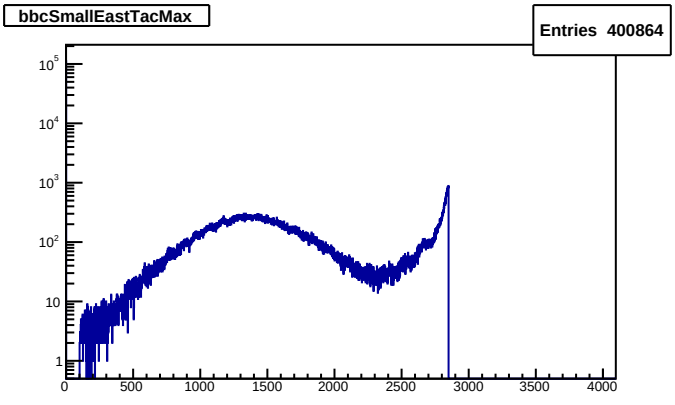

EQ3 QTB
Entries 3.105158e+07
TDC
QT Input Channel

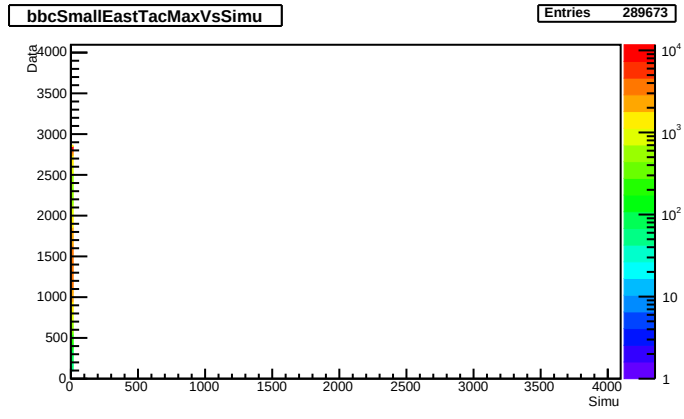

EQ3 QTC
Entries 3.848294e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.848294e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 400864


bbcSmallEastAdcSumVsSimu
Entries 289673
Data
Simu


bbcSmallEastTacMax
Entries 400864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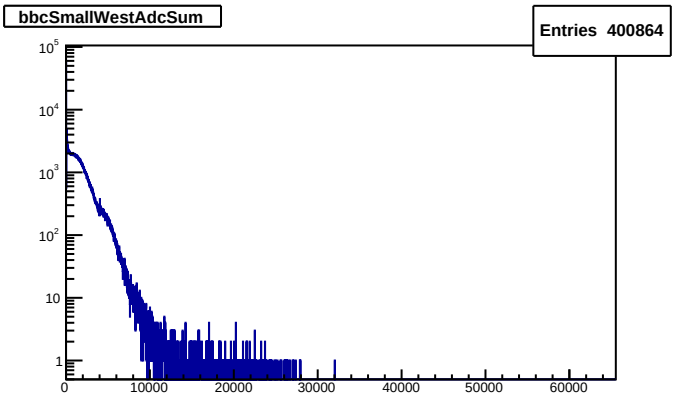
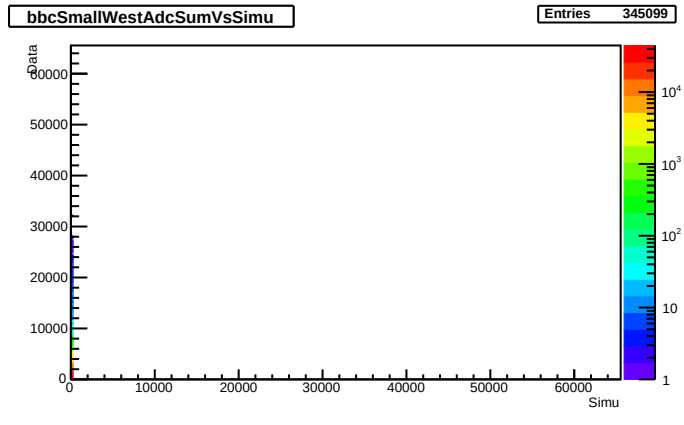
Entries 289673
Data
Simu


bbcSmallWestAdcSum
Entries 400864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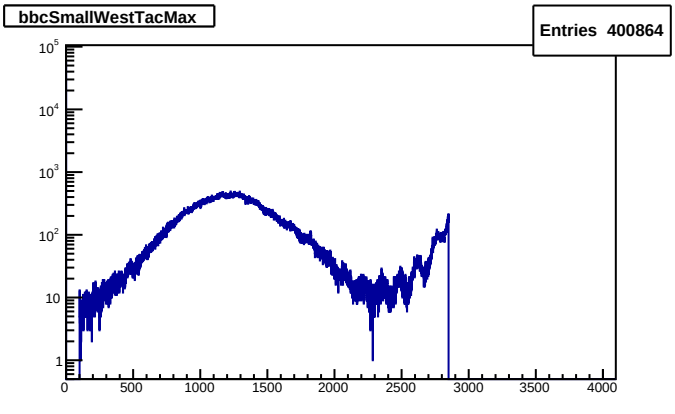
Entries 345099
Data
Simu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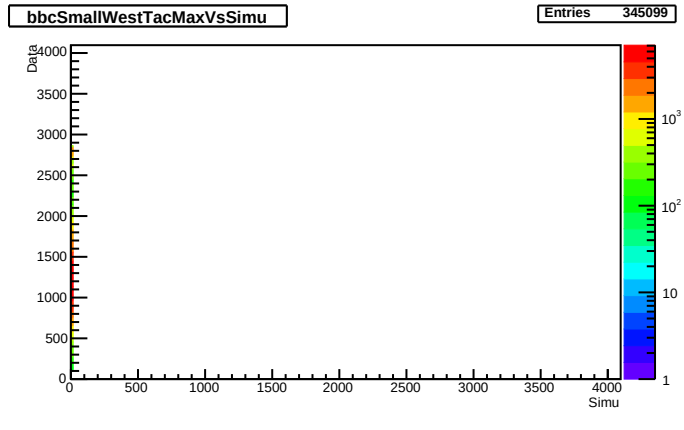
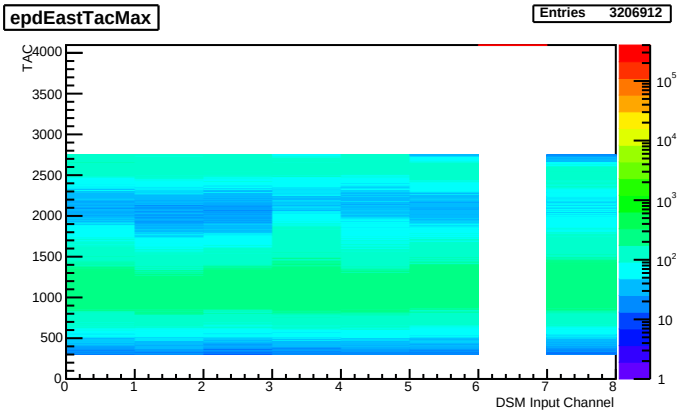
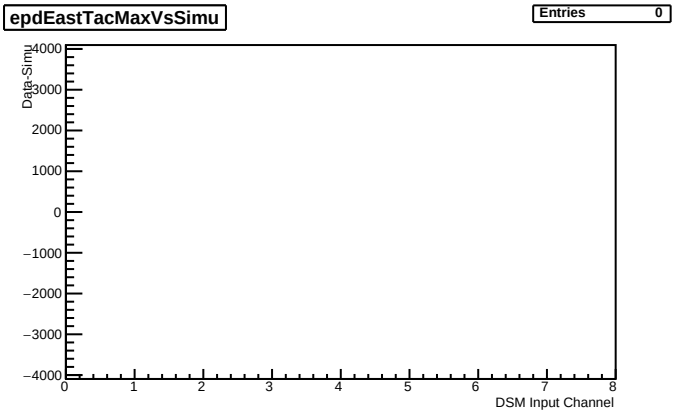
Entries 400864


bbcSmallWestTacMaxVsSimu
Entries 345099
Data
Simu


epdEastTacMax
Entries 3206912
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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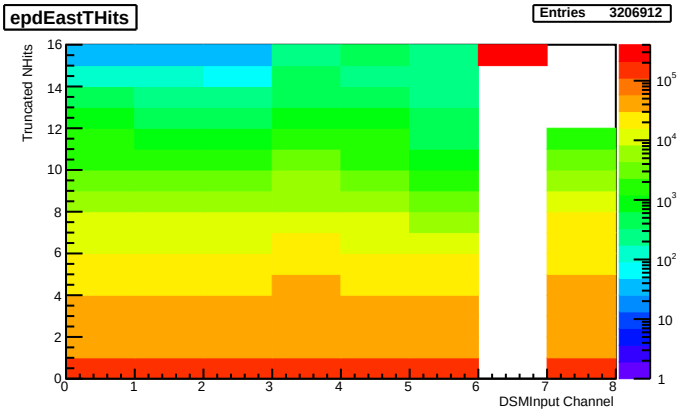
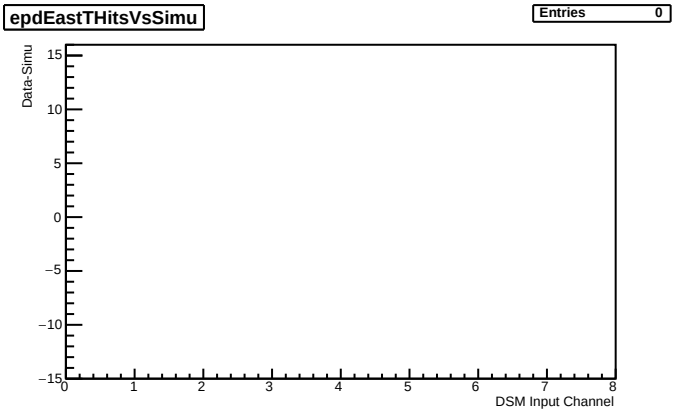

epdEastTHits
Entries 3206912
Truncated NHits
DSMInput Channel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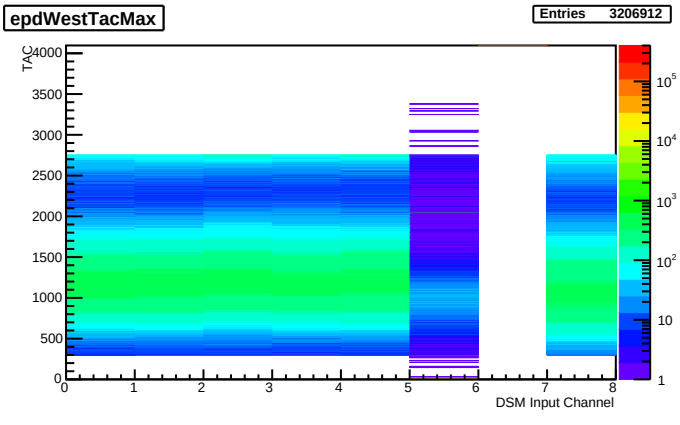
Data-Simu
DSM Input Channel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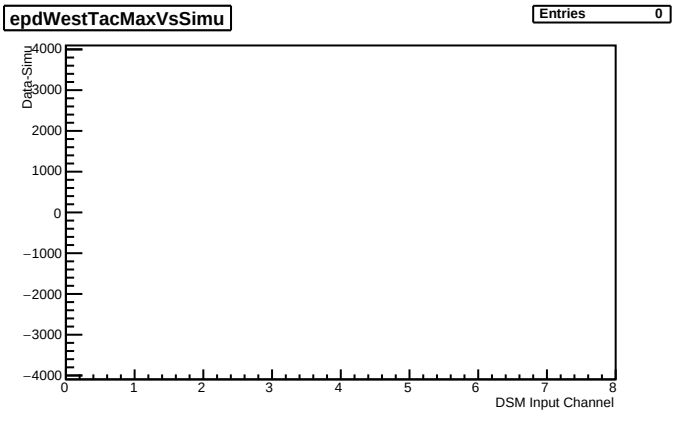
Entries 3206912
TAC
DSM Input Channel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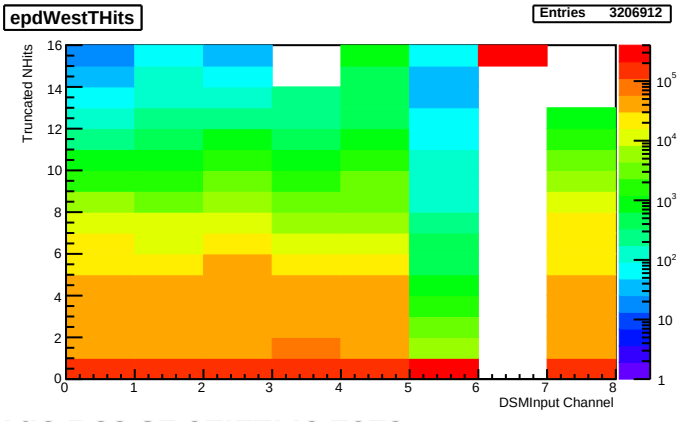
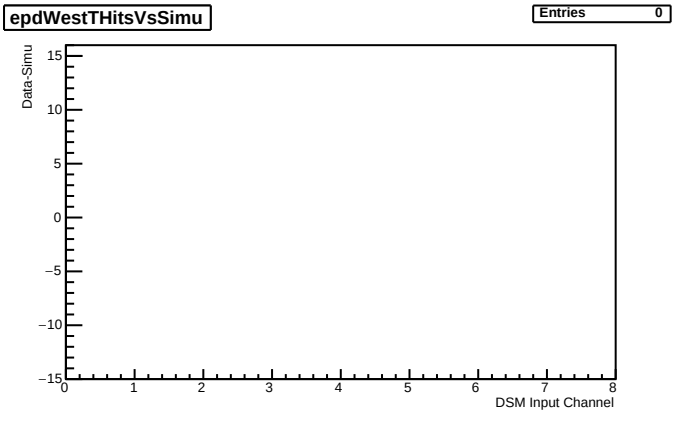
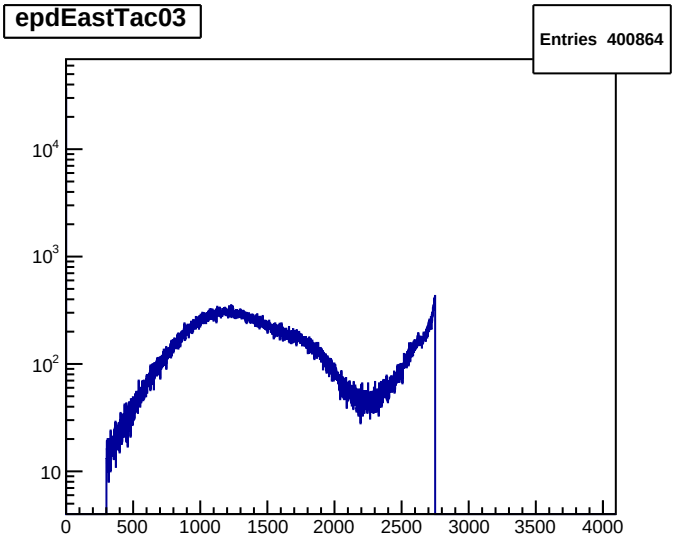
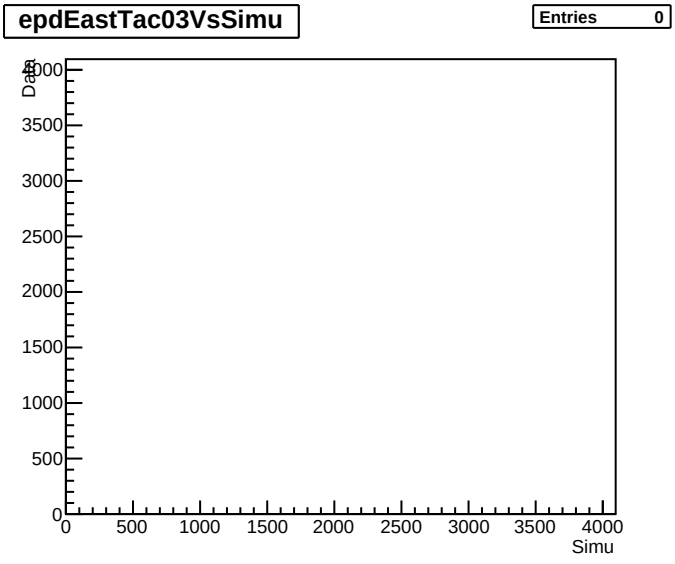
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3206912
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 400864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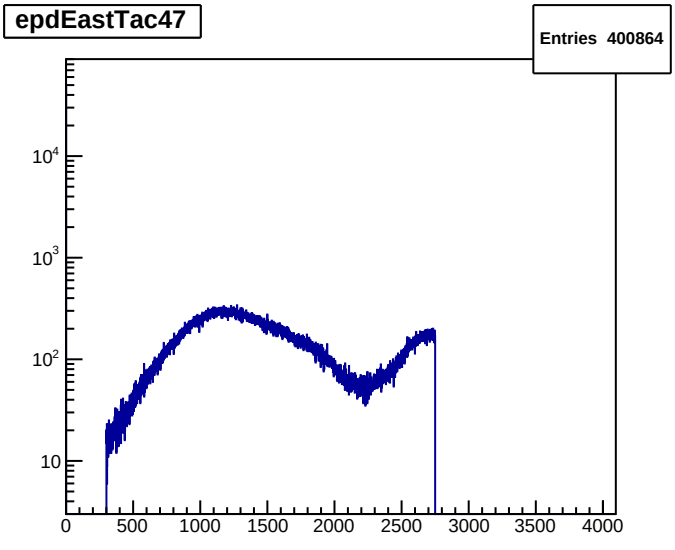
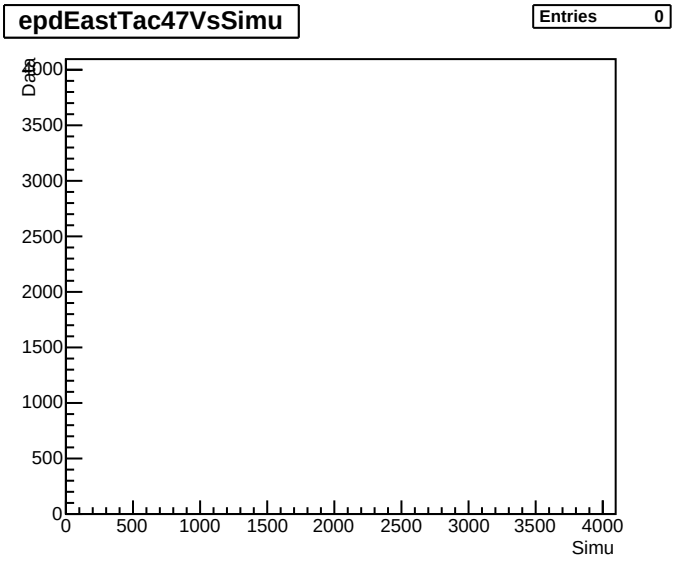
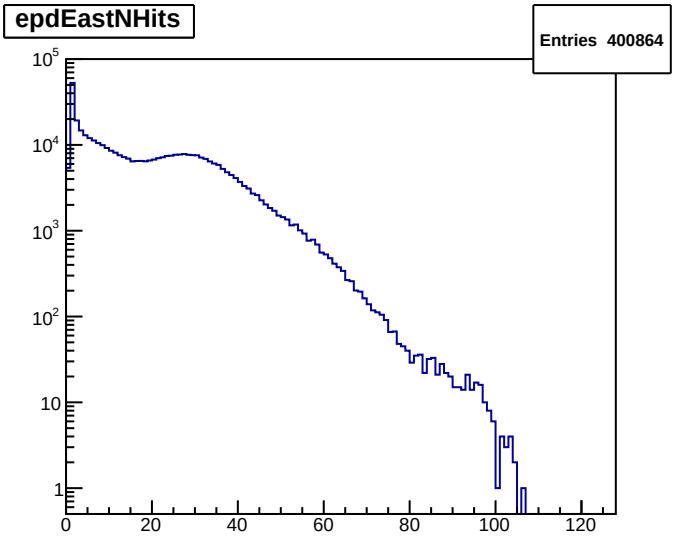
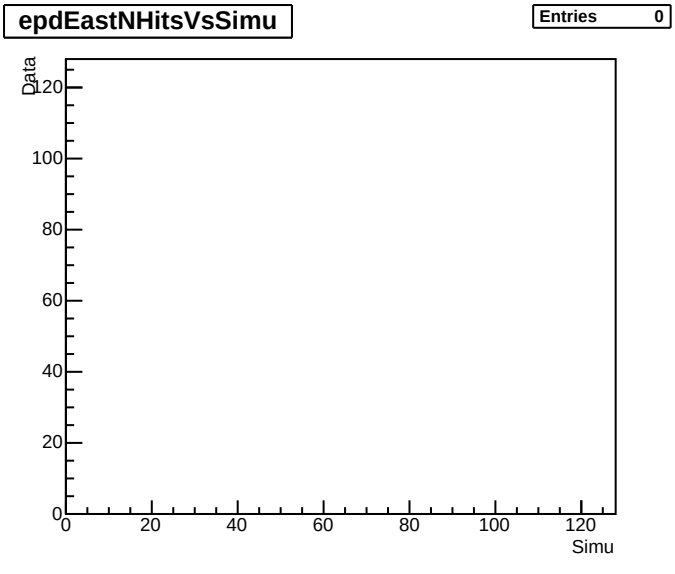
Entries 0
Data
Simu


epdEastTac47
Entries 400864


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 400864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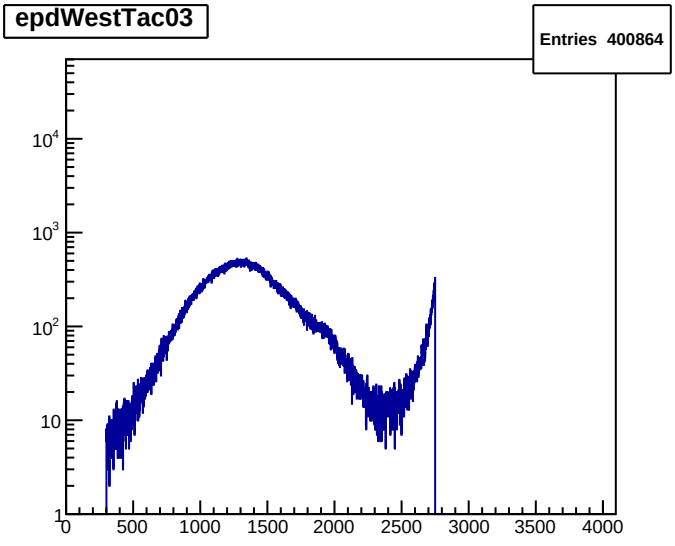
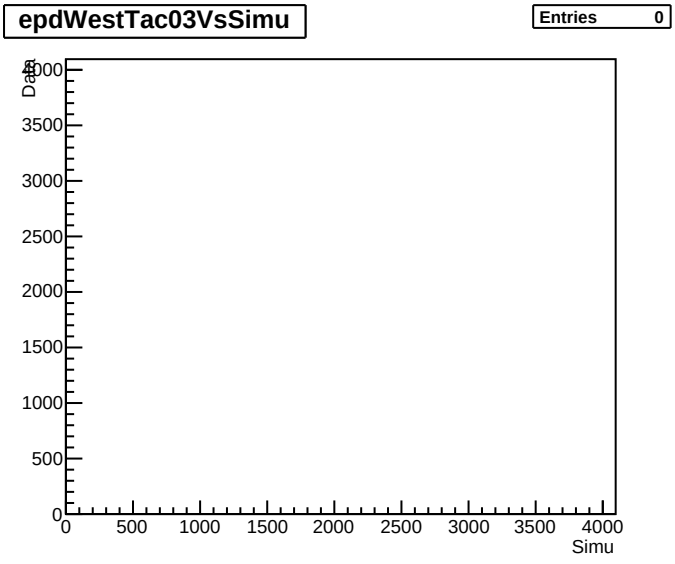
Entries 0
Data
Simu


epdWestTac03
Entries 400864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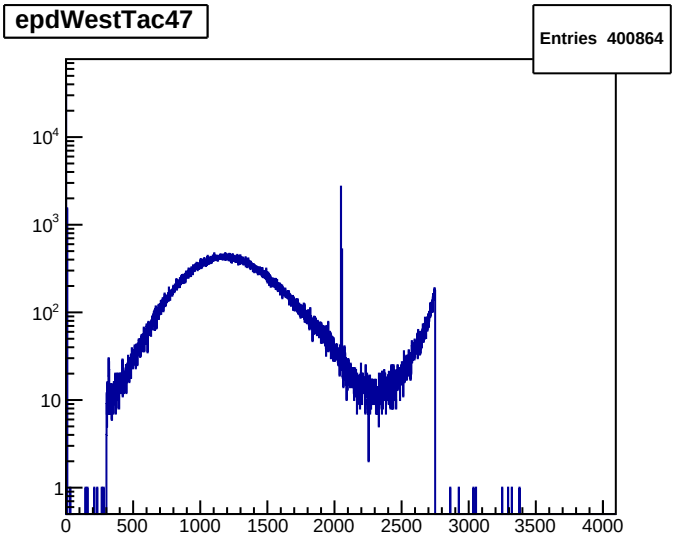
Entries 0
Data
Simu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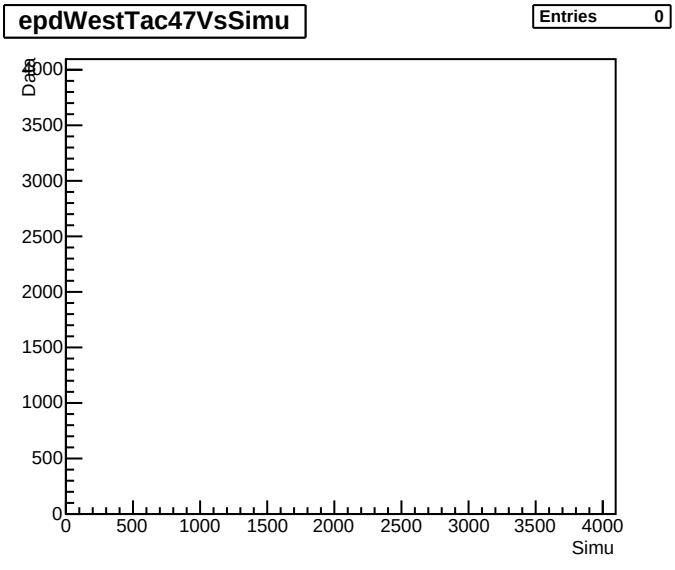
Entries 400864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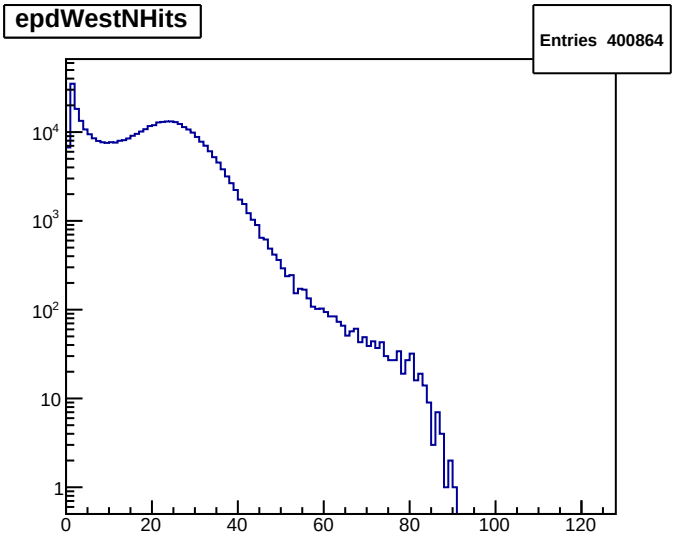
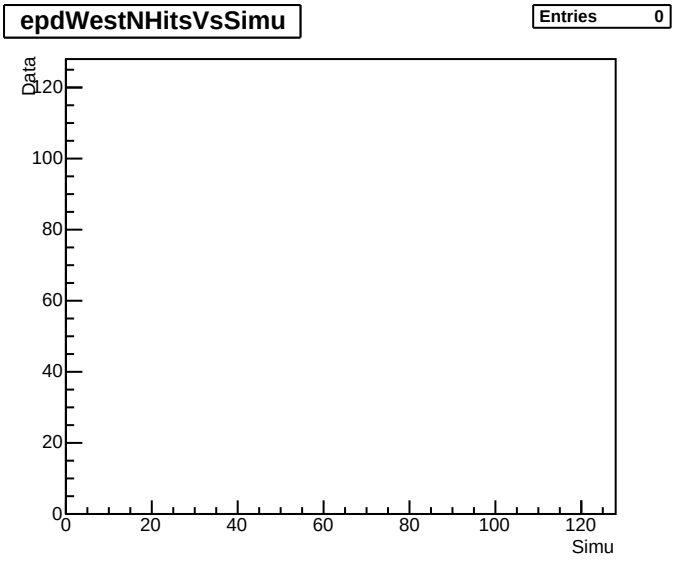
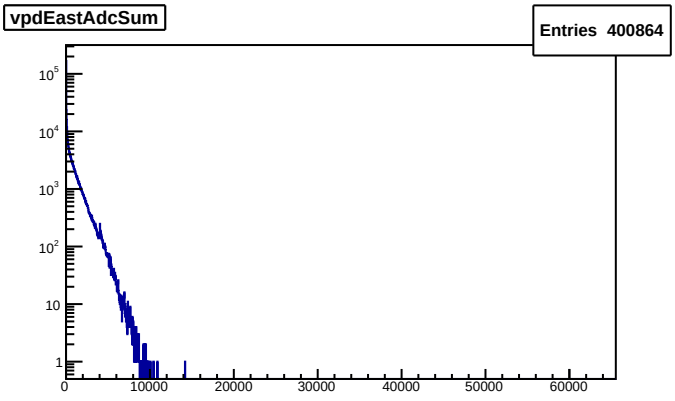
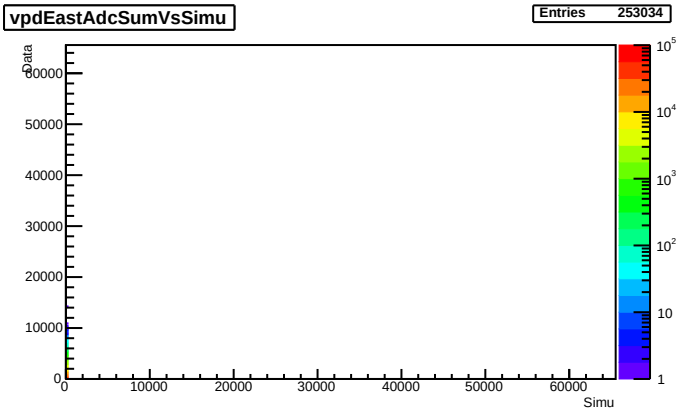
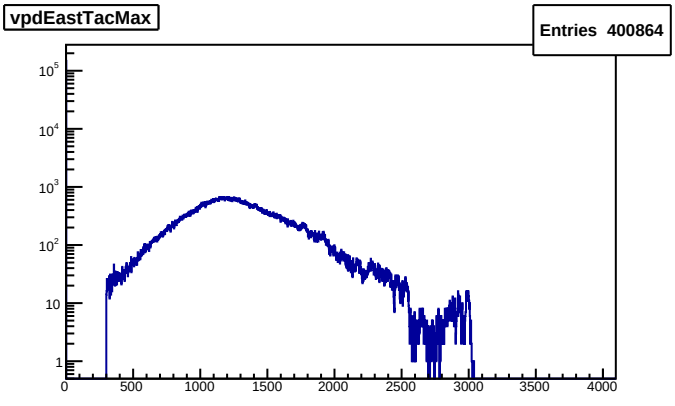
Entries 0
Data
Simu

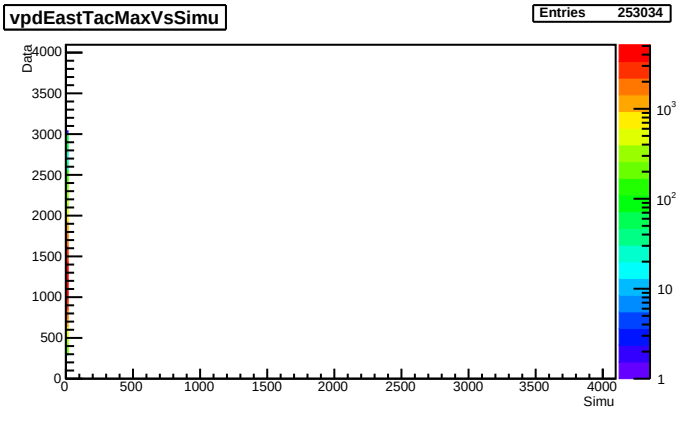

epdWestNHits
Entries 400864

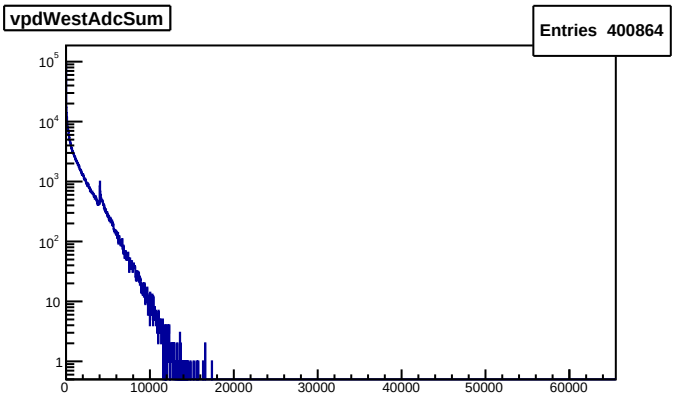

epdWestNHitsVsSimu
Entries 0
Data
Simu

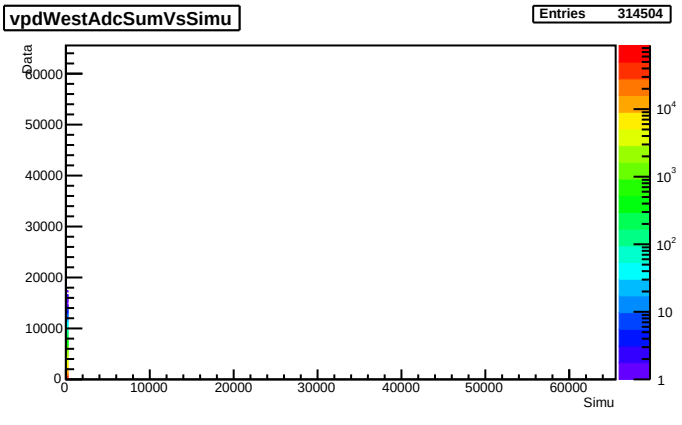

vpdEastAdcSum
Entries 400864

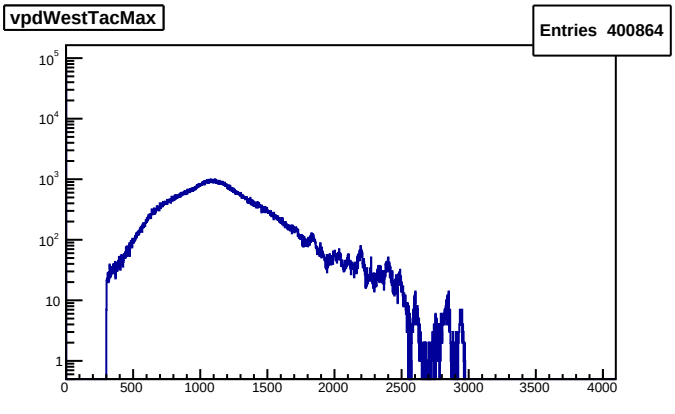

vpdEastAdcSumVsSimu
Entries 253034
Data
Simu

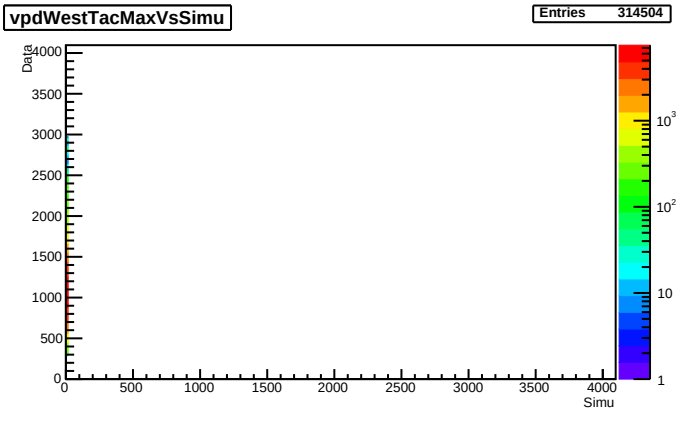

vpdEastTacMax
Entries 400864

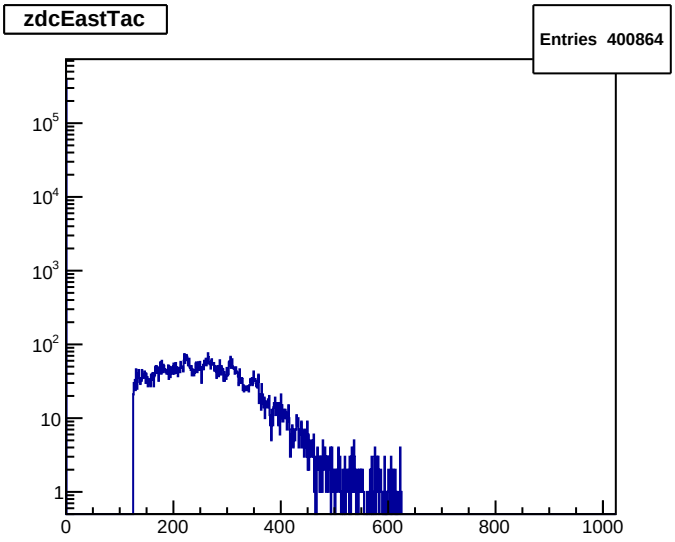

vpdEastTacMaxVsSimu
Entries 253034
Data
Simu

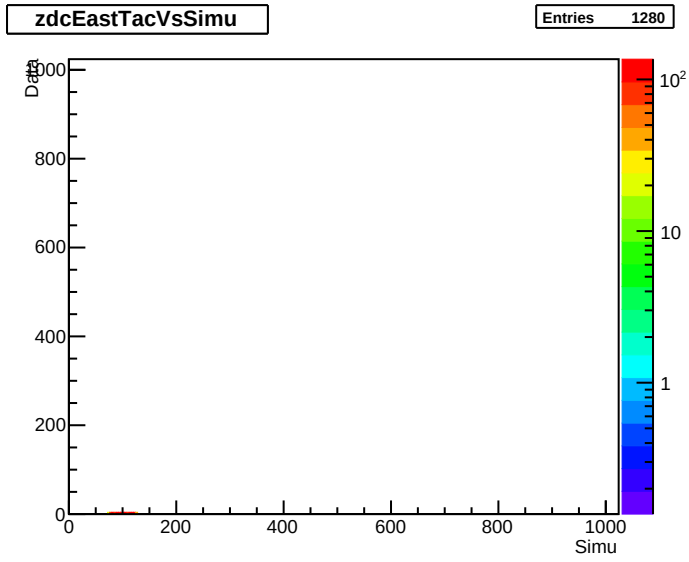

vpdWestAdcSum
Entries 400864

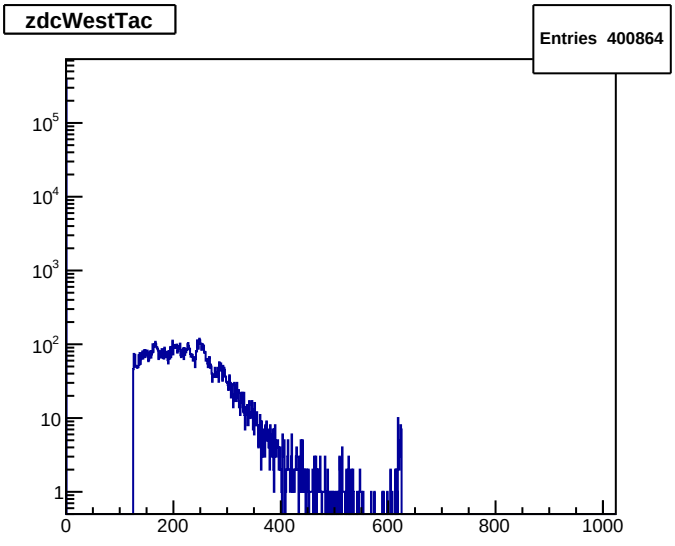

vpdWestAdcSumVsSimu
Entries 314504
Data
Simu

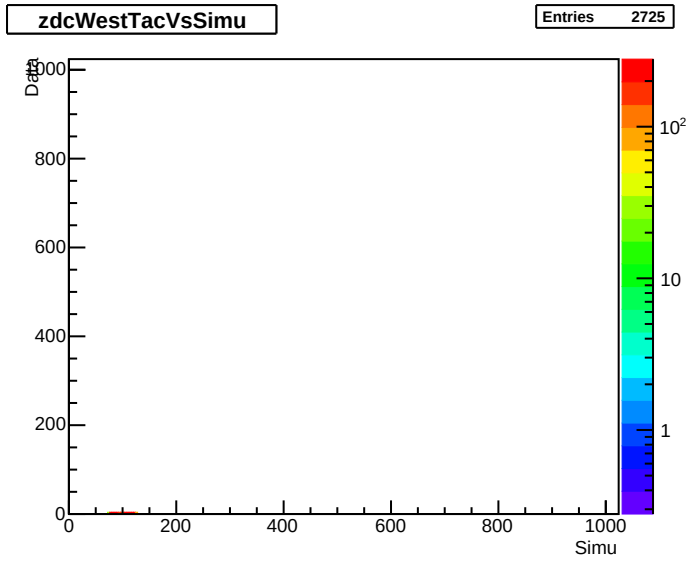

vpdWestTacMax
Entries 400864

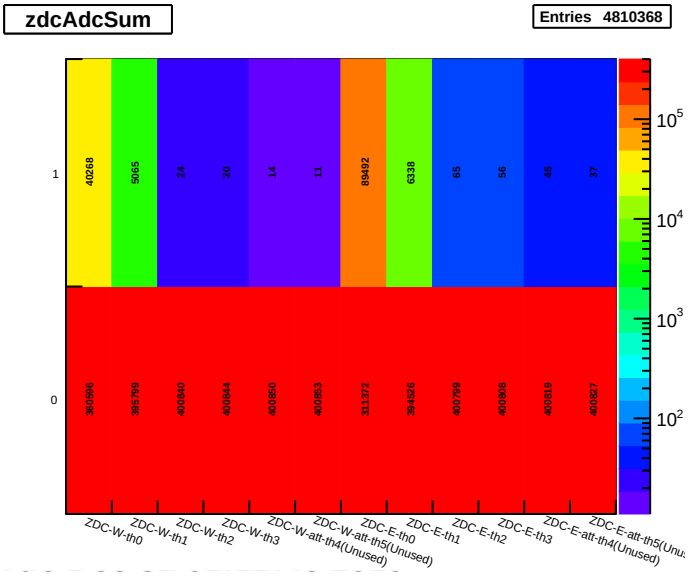

vpdWestTacMaxVsSimu
Entries 314504
Data
Simu

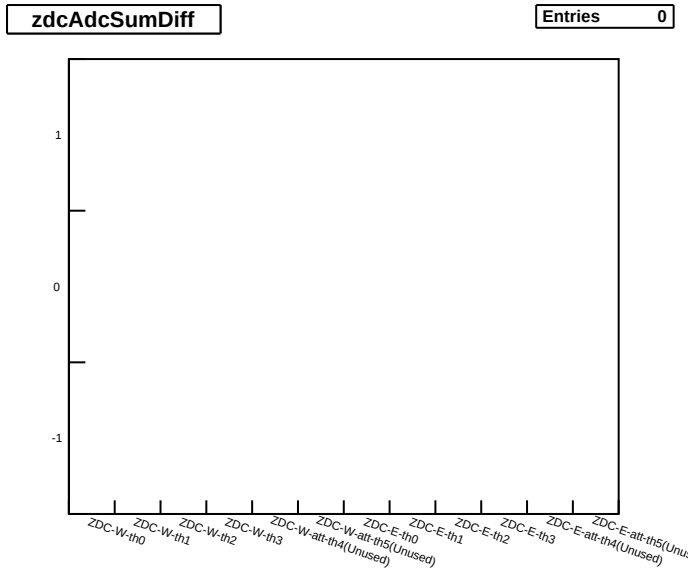

zdcEastTac
Entries 400864

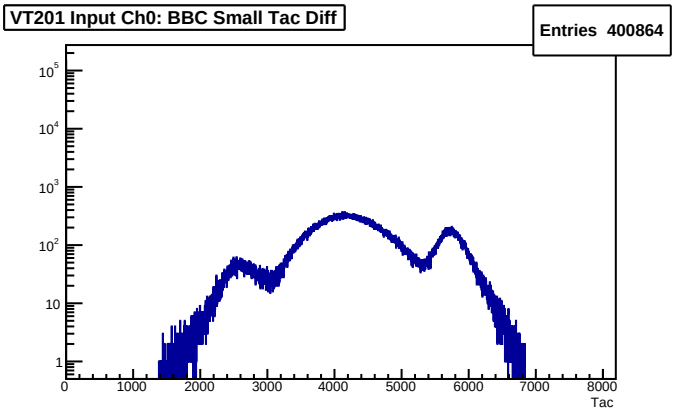

zdcEastTacVsSimu
Entries 1280
Data
Simu

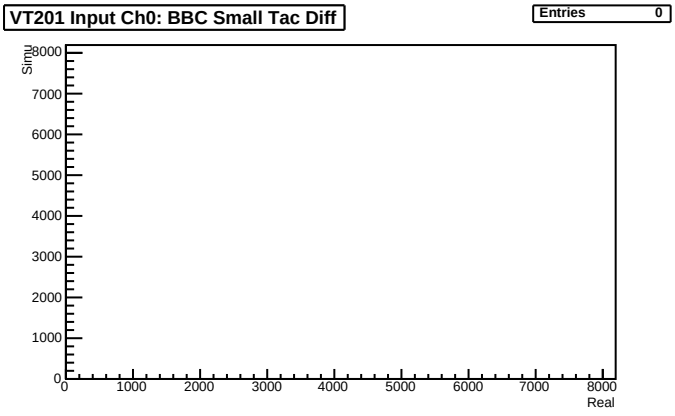

zdcWestTac
Entries 400864

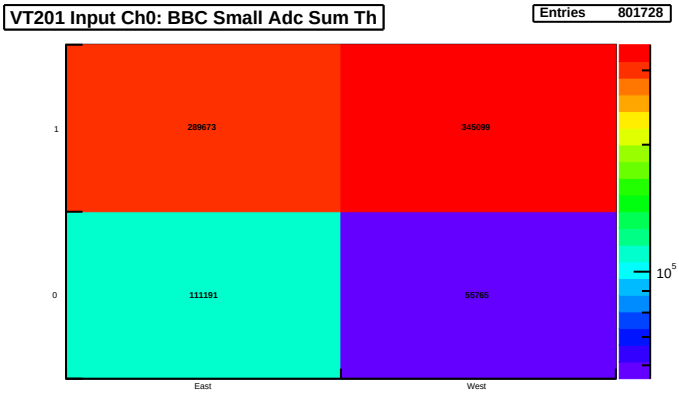

zdcWestTacVsSimu
Entries 2725
Data
Simu

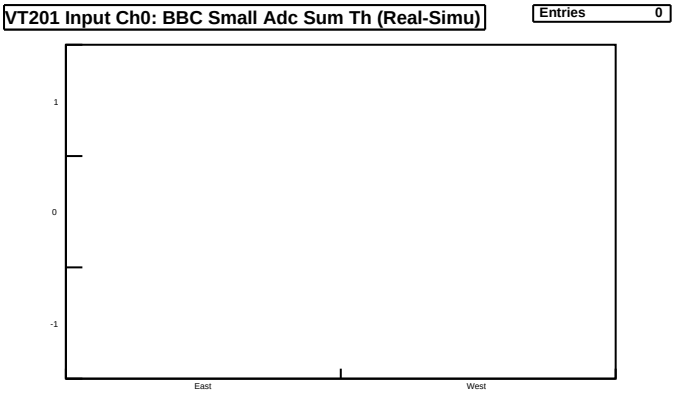

zdcAdcSum
Entries 4810368
40268
5065
24
20
14
11
89492
6338
65
56
45
37
360596
395799
400840
400844
400850
400853
311372
394526
400799
400808
400810
400827
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

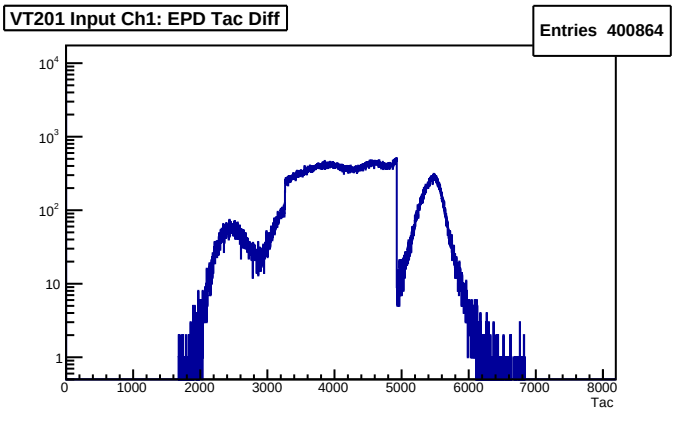

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

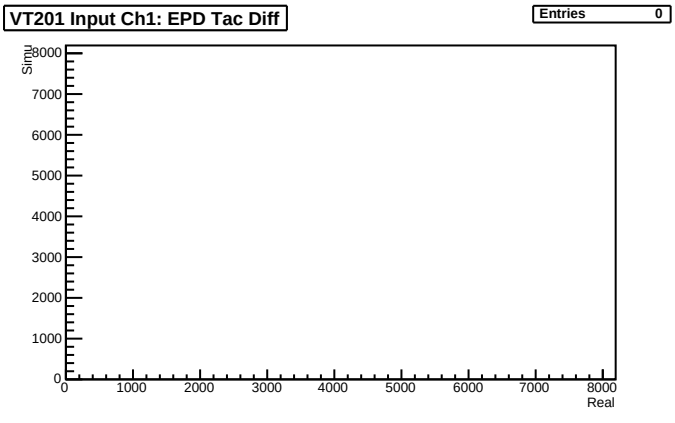

VT201 Input Ch0: BBC Small Tac Diff
Entries 400864
Tac

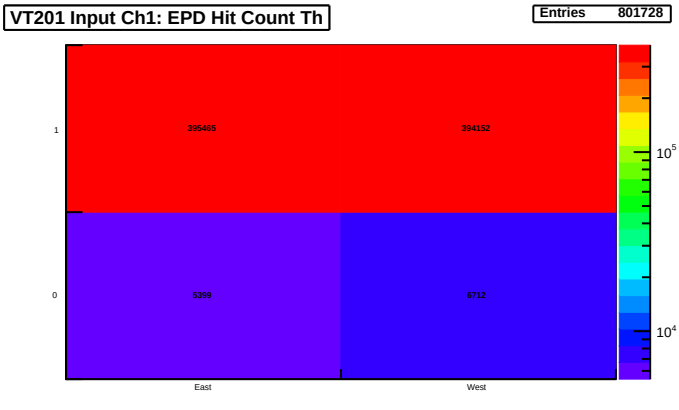

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

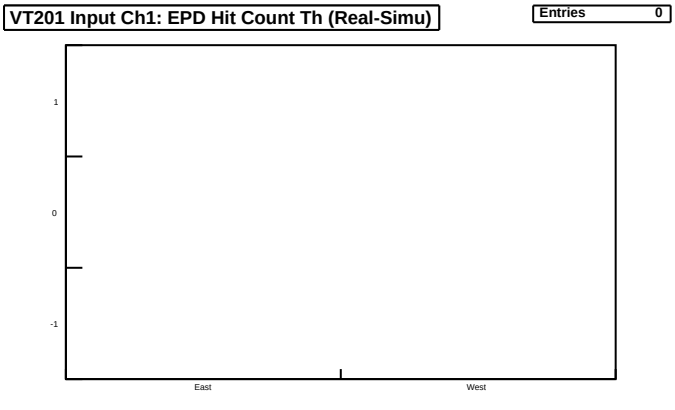

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 801728
289673
345099
111191
55765
East
West

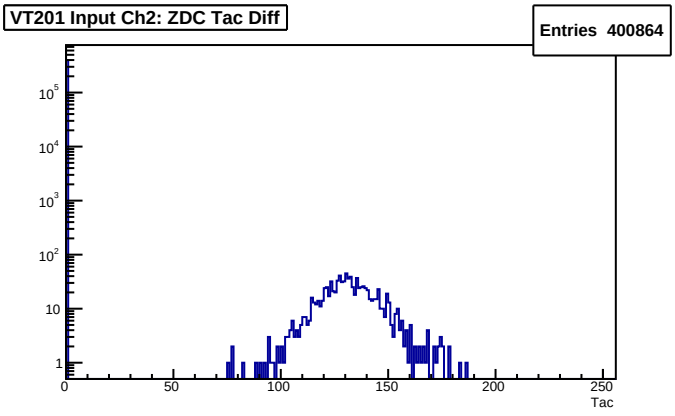

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

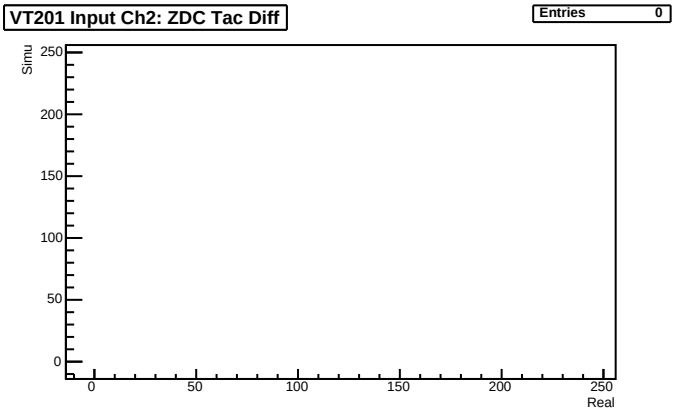

VT201 Input Ch1: EPD Tac Diff
Entries 400864
Tac

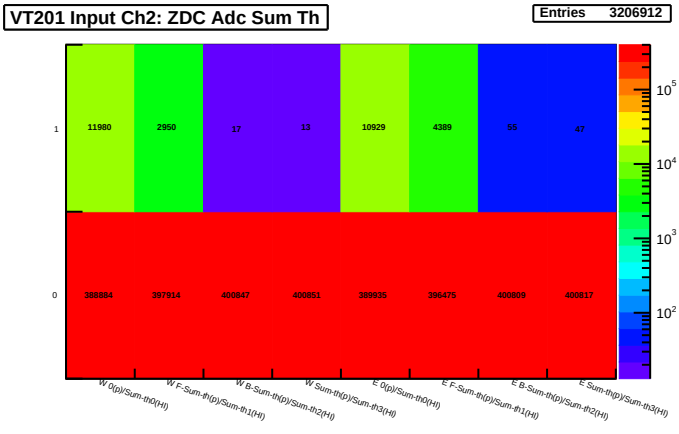

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

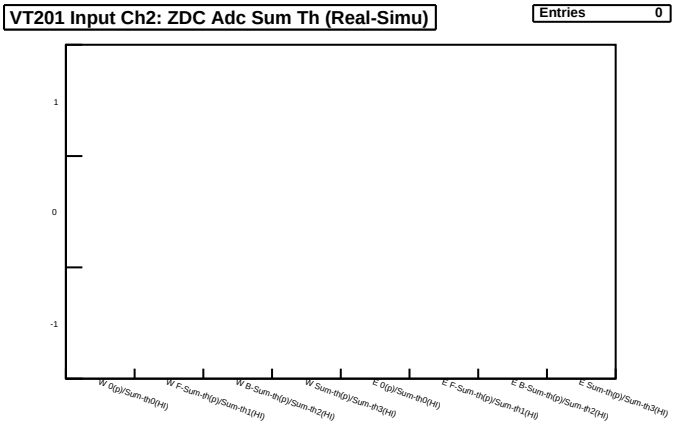

VT201 Input Ch1: EPD Hit Count Th
Entries 801728
395465
394152
5399
6712
East
West

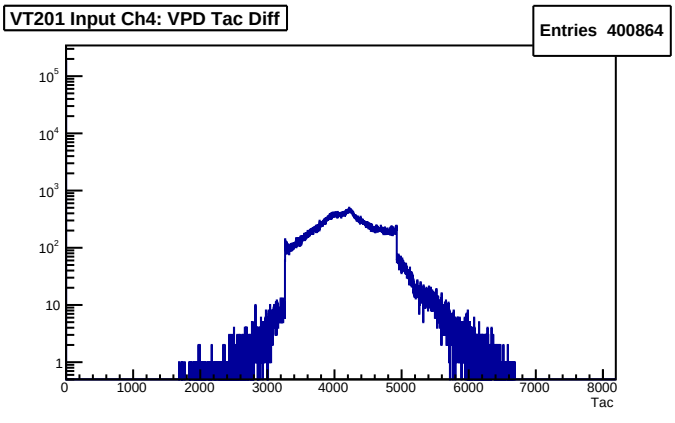

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

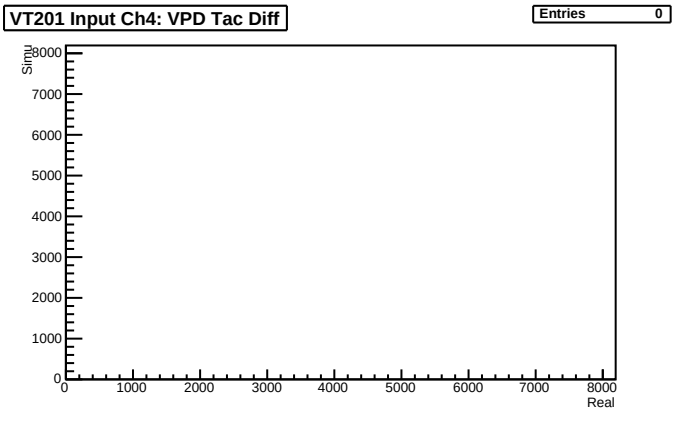

VT201 Input Ch2: ZDC Tac Diff
Entries 400864
Tac

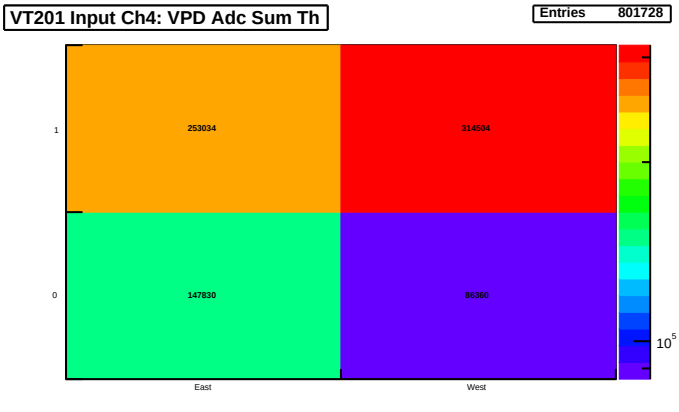

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

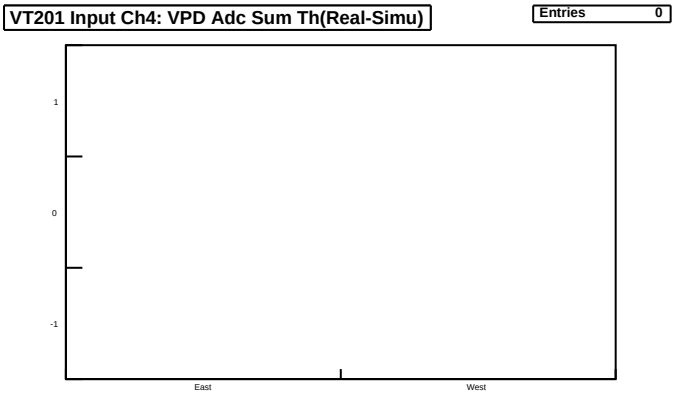

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3206912
11980
2950
17
13
10929
4389
55
47
388884
397914
400847
400851
389935
396475
400809
400817
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

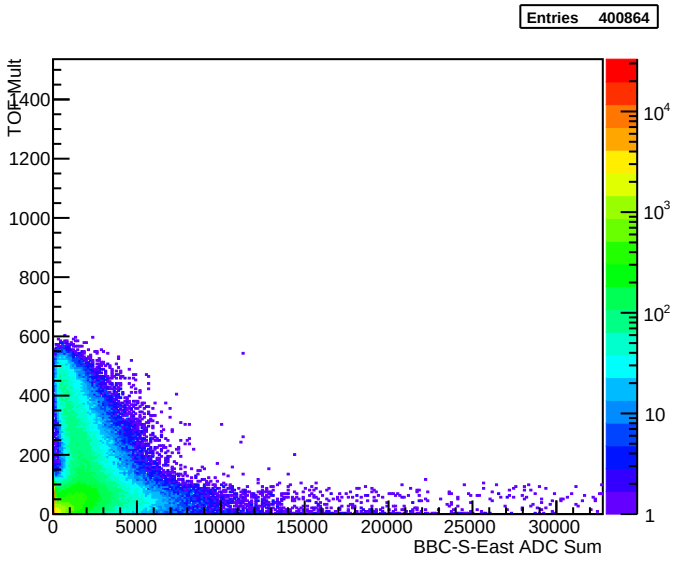

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

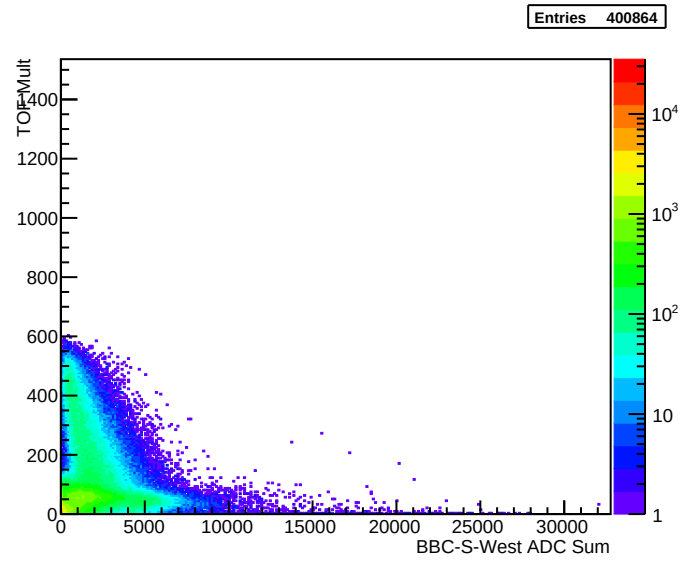

VT201 Input Ch4: VPD Tac Diff
Entries 400864
Tac

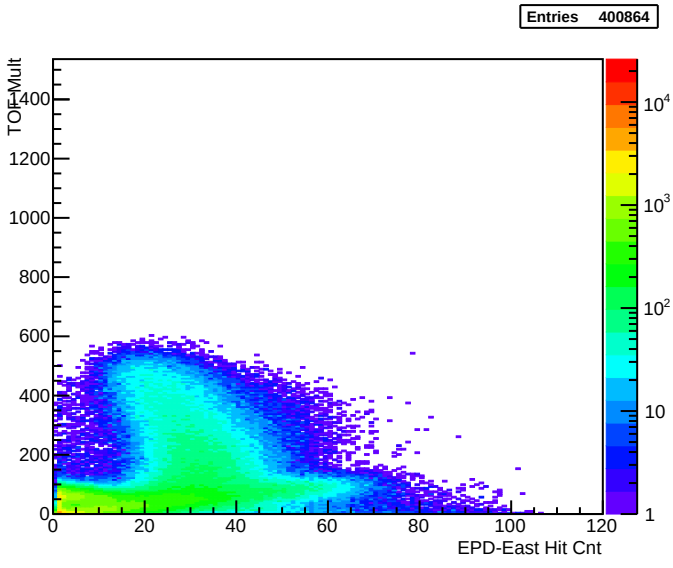

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

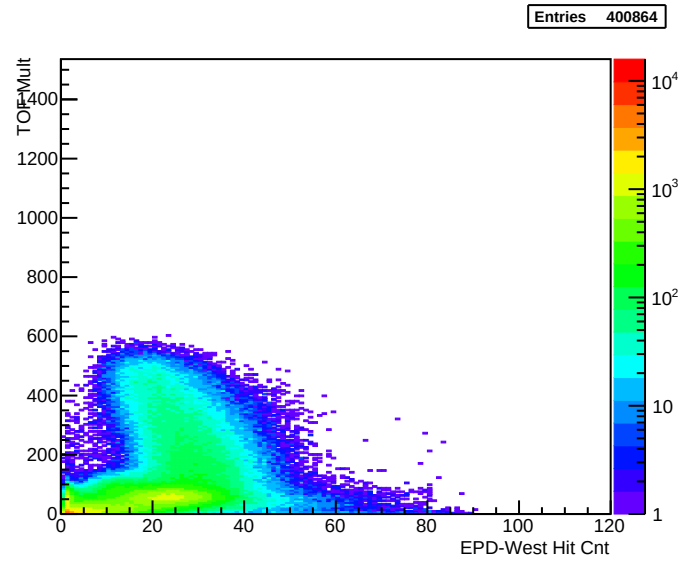

VT201 Input Ch4: VPD Adc Sum Th
Entries 801728
253034
314504
147830
86360
East
West

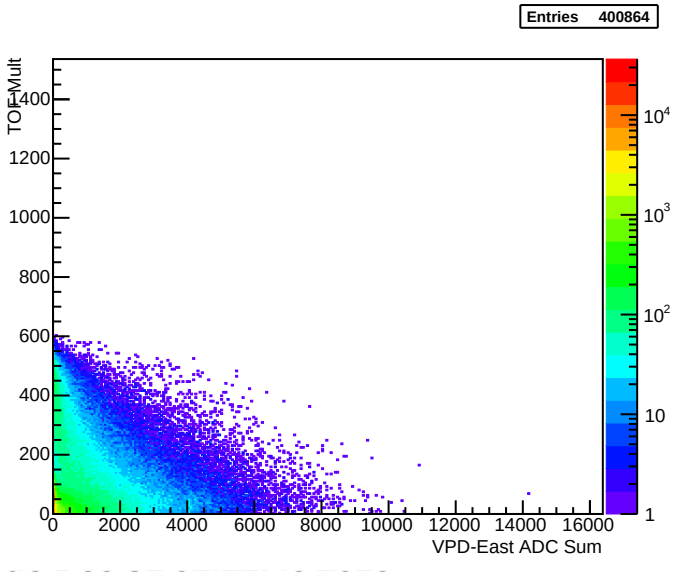

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

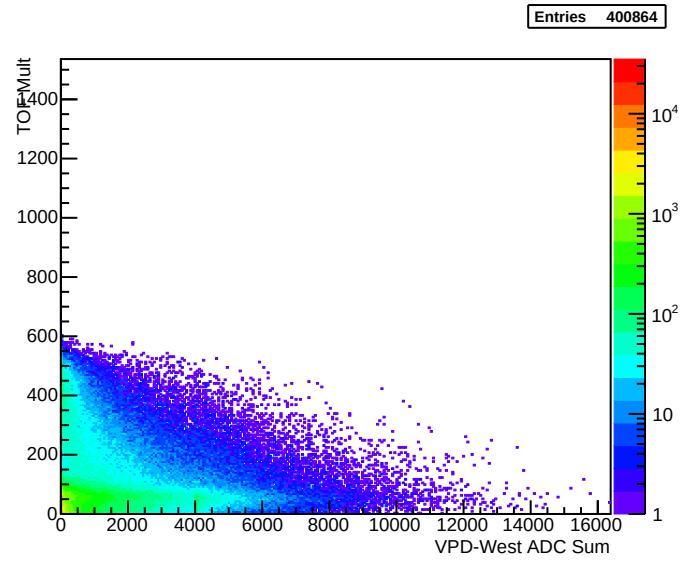

Entries 400864
TOF-Mult
BBC-S-East ADC Sum

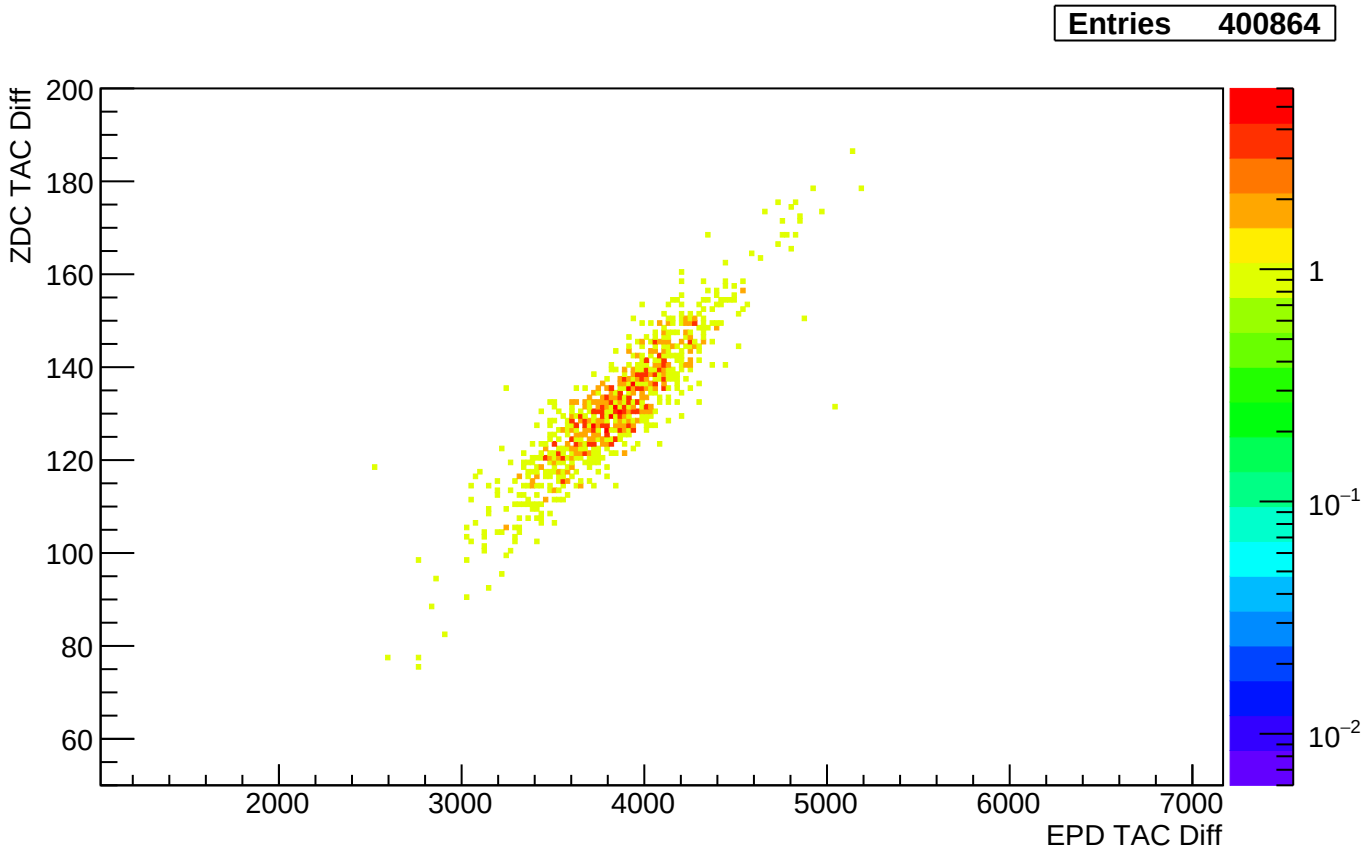

Entries 400864
TOF-Mult
BBC-S-West ADC Sum

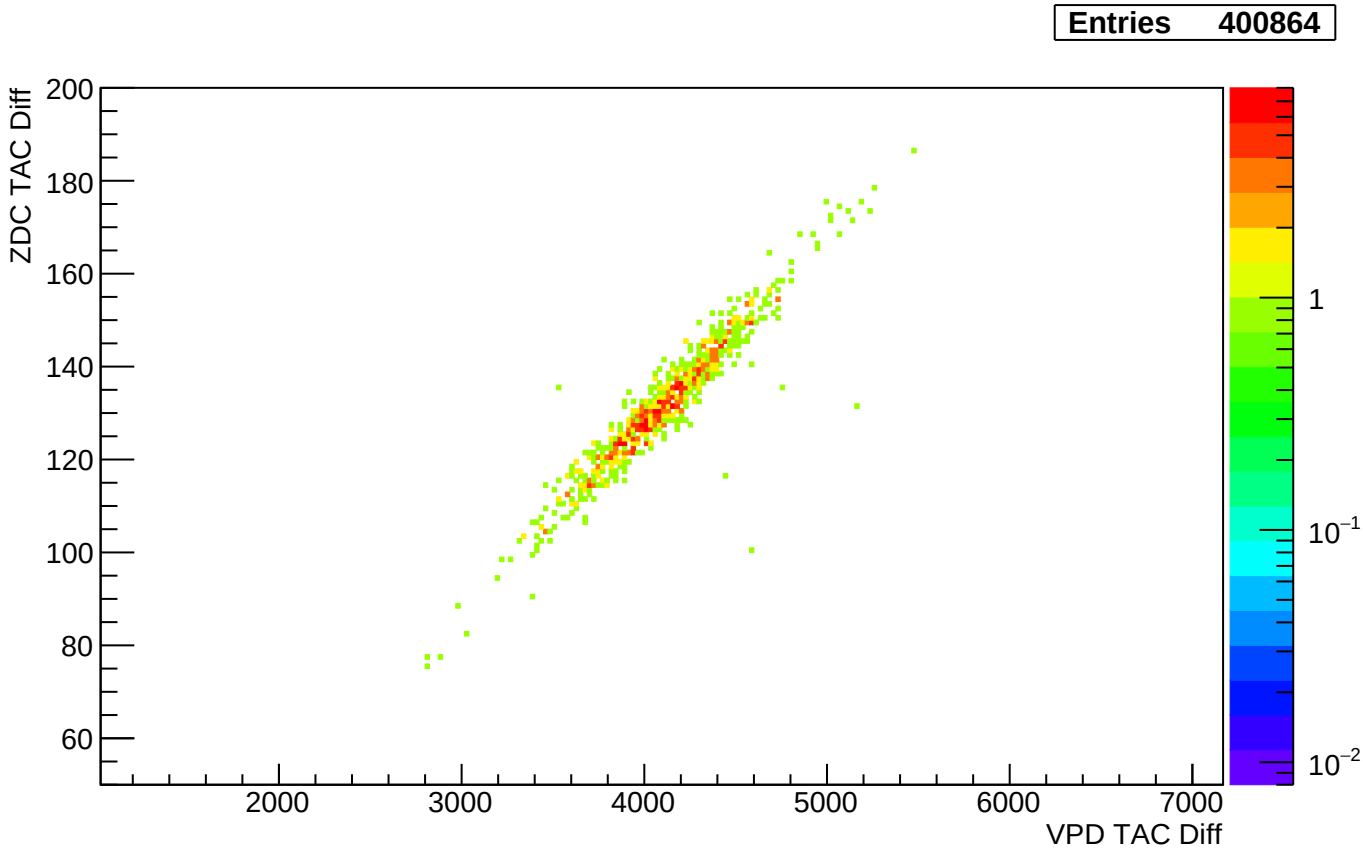

Entries 400864
TOF-Mult
EPD-East Hit Cnt

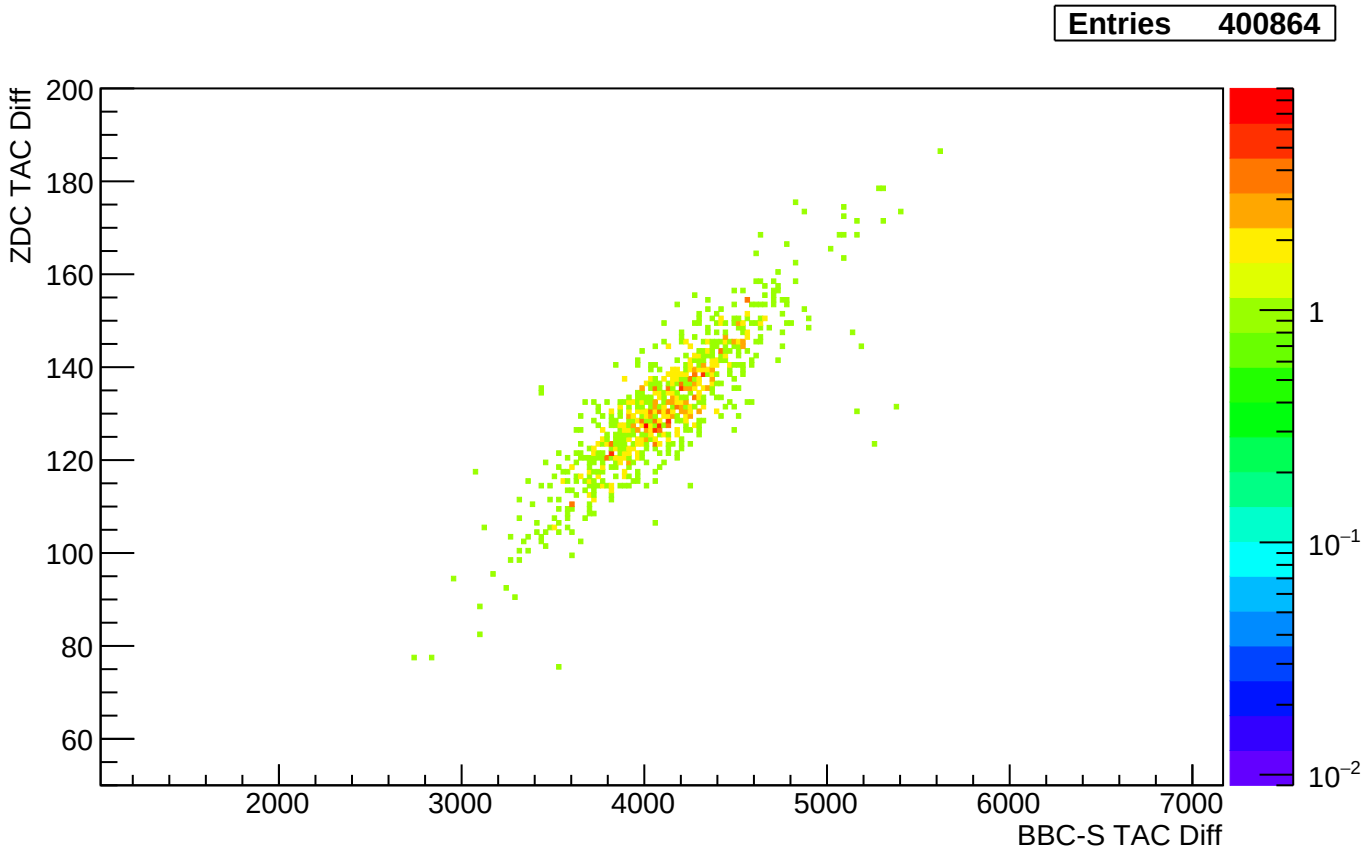

Entries 400864
TOF-Mult
EPD-West Hit Cnt

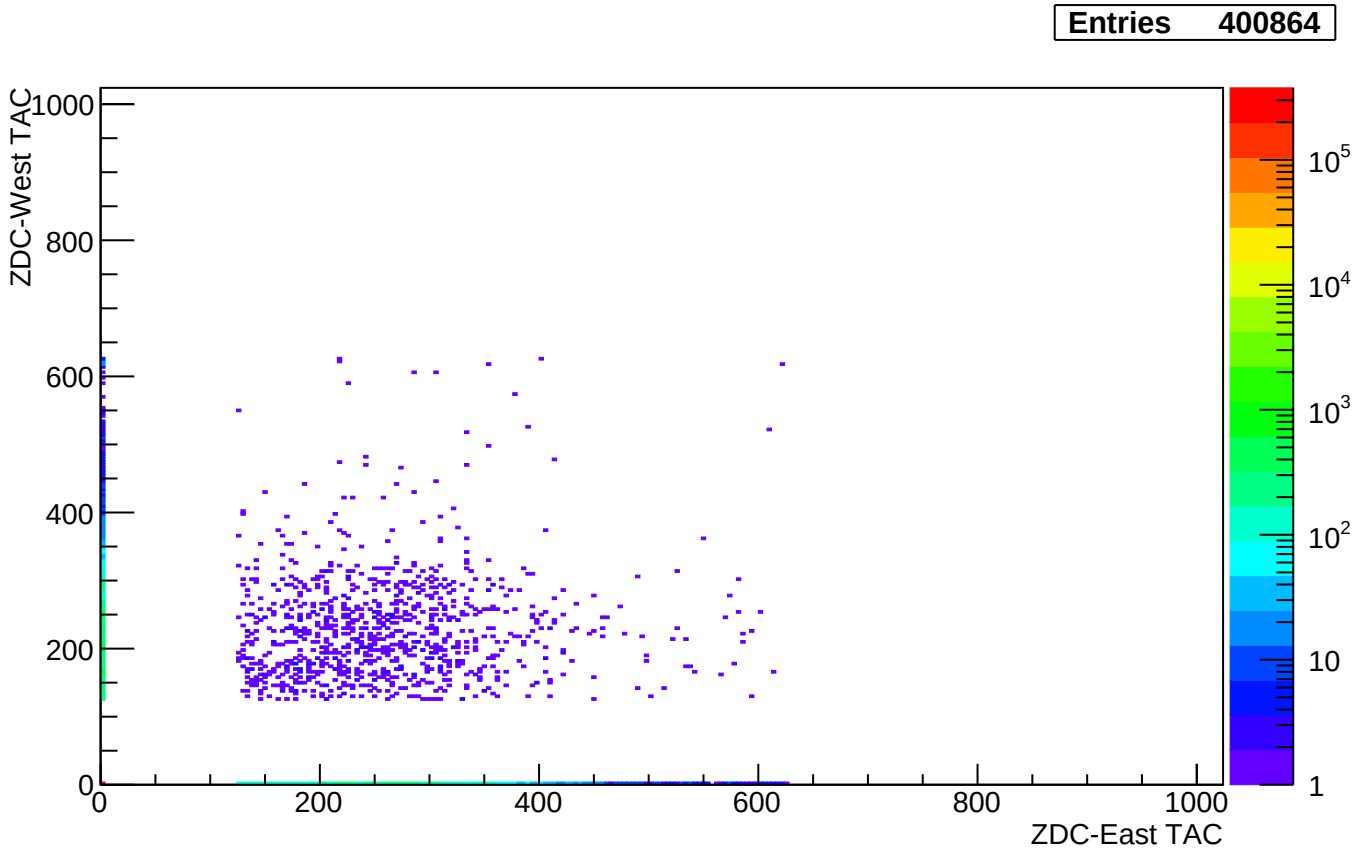

Entries 400864
TOF-Mult
VPD-East ADC Sum

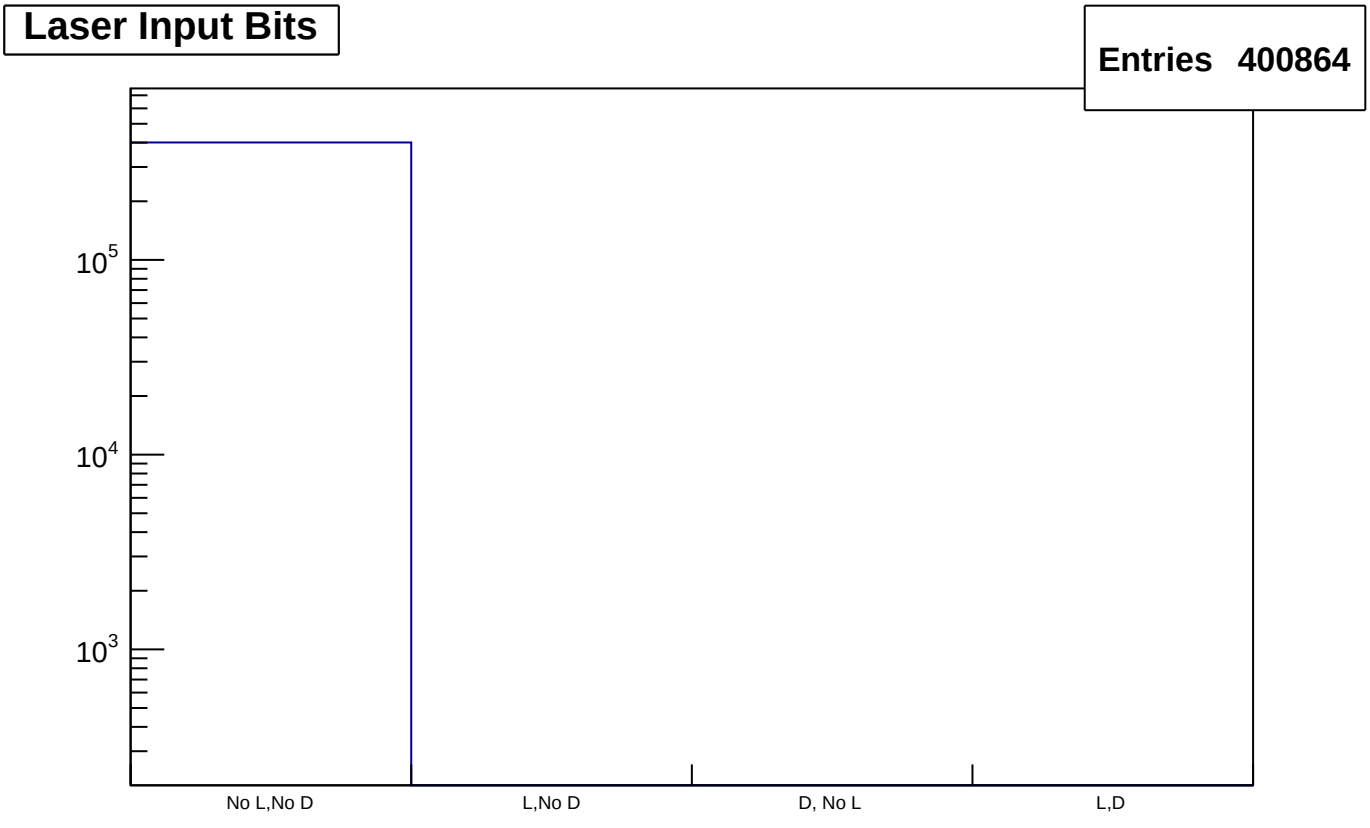

Entries 400864
TOF-Mult
VPD-West ADC Sum

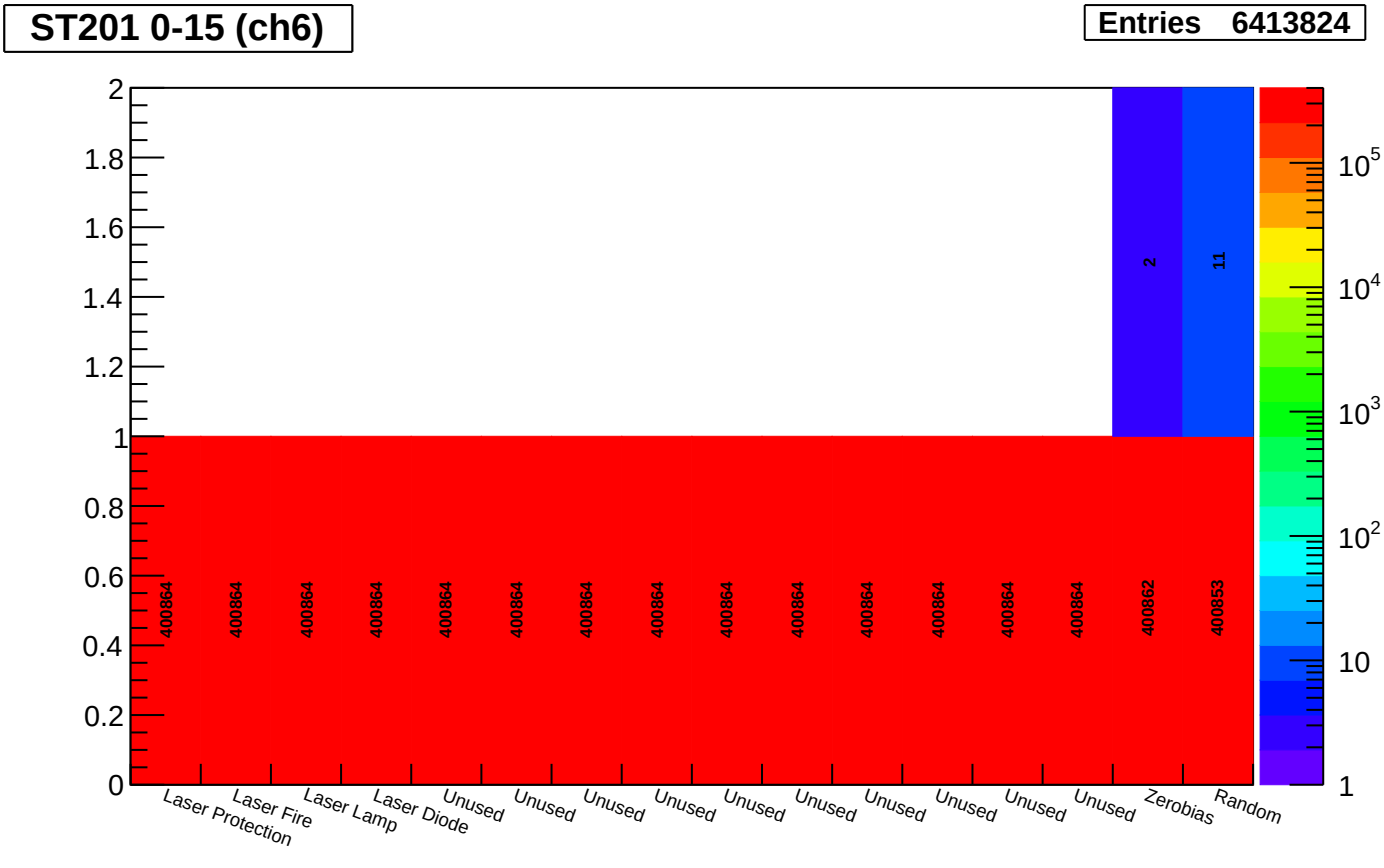

Entries 400864
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

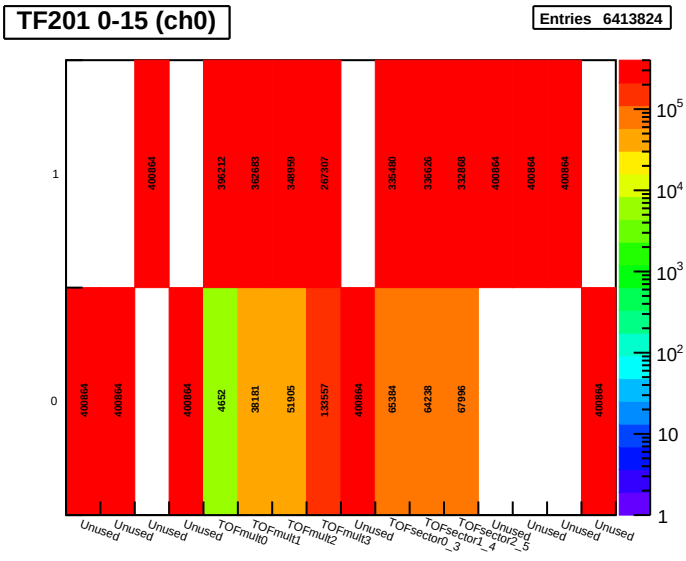

Entries 400864
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

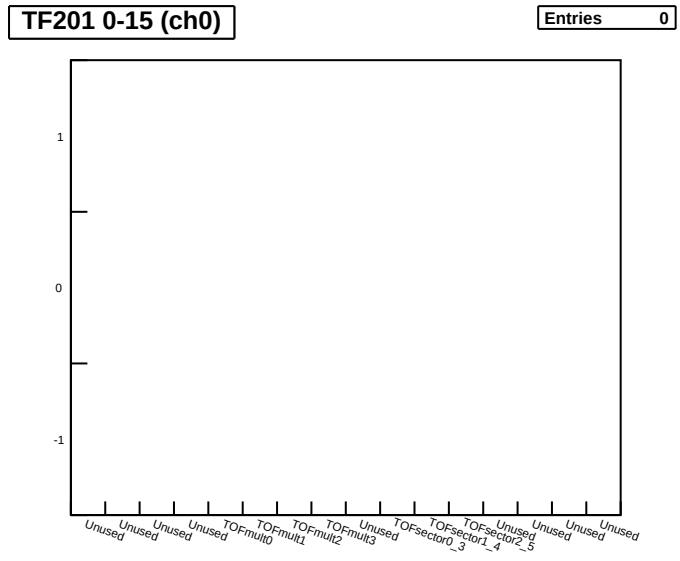

Entries 400864
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

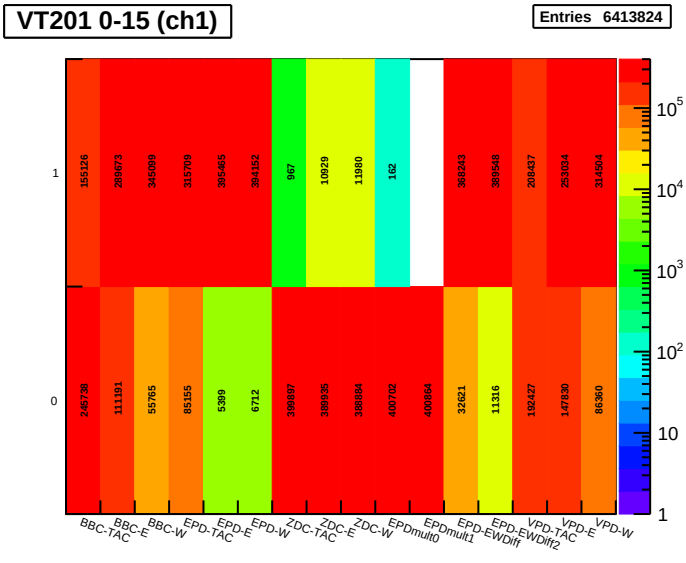

Entries 400864
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

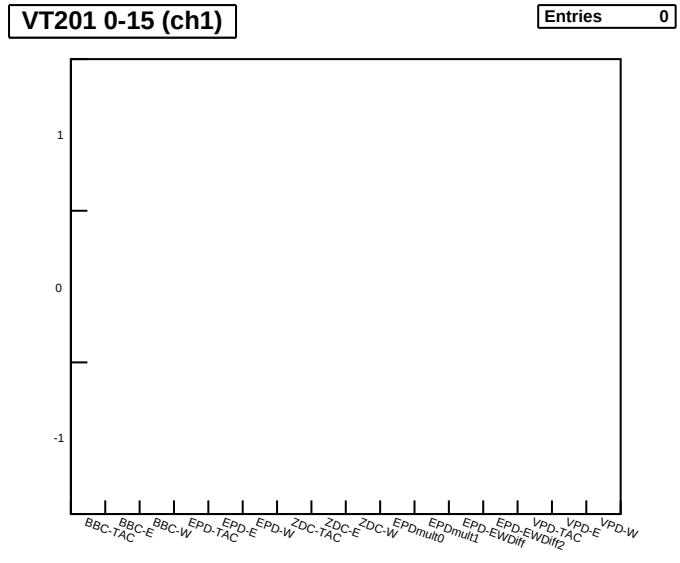

Laser Input Bits
Entries 400864
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

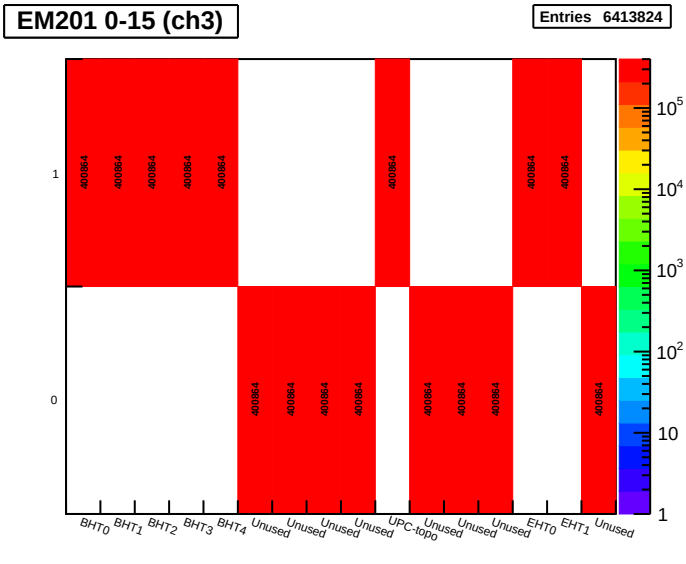

ST201 0-15 (ch6)
Entries 6413824
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
400864
400864
400864
400864
400864
400864
400864
400864
400864
400864
400864
400864
400864
400864
400862
400853
2
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

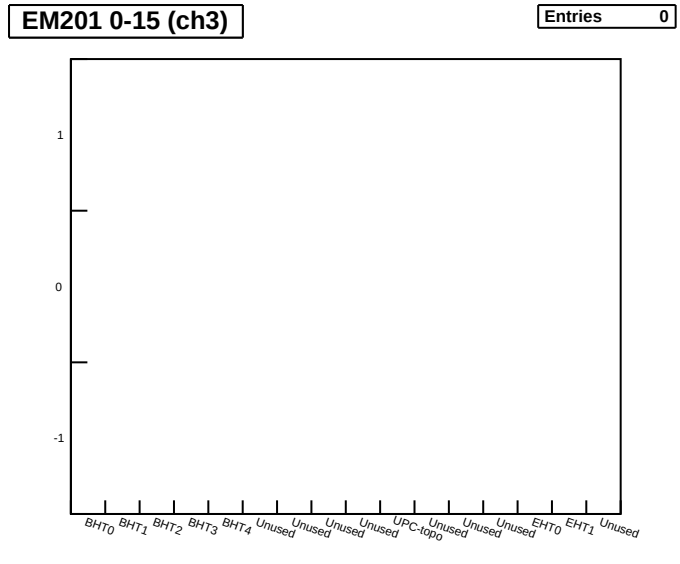

TF201 0-15 (ch0)
Entries 6413824
1
0
400864 400864 400864 400864 400864 336212 362683 348959 297307 335480 336626 323868 400864 400864 400864
400864 400864 400864 4652 38181 51905 133557 400864 65394 64238 67996 400864
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 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 6413824
1
0
155126 289673 345099 315709 395465 394152 967 10929 11980 162 368243 389548 208437 253034 314504
245738 111191 55765 85155 5399 6712 398897 389935 388834 400702 400864 32621 11316 192427 147830 86360
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 6413824
1
0
400864 400864 400864 400864 400864 400864 400864 400864
400864 400864 400864 400864 400864 400864 400864 400864
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