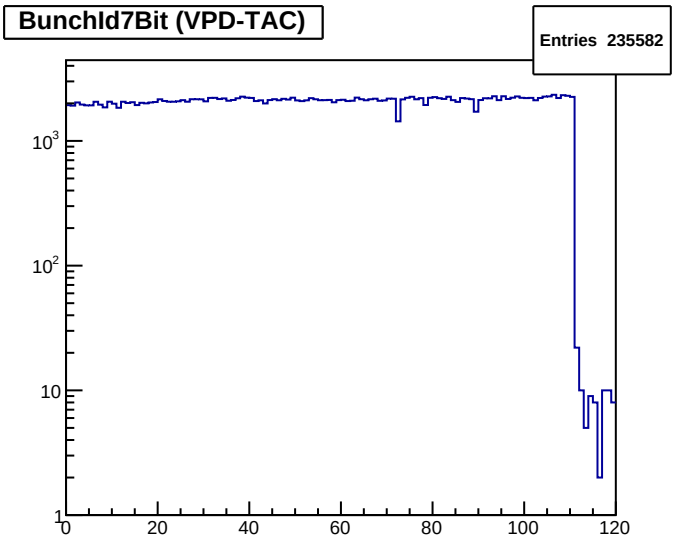
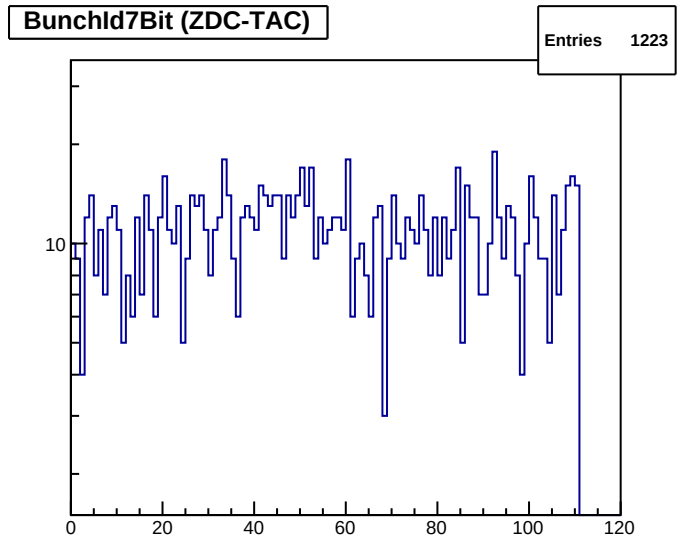
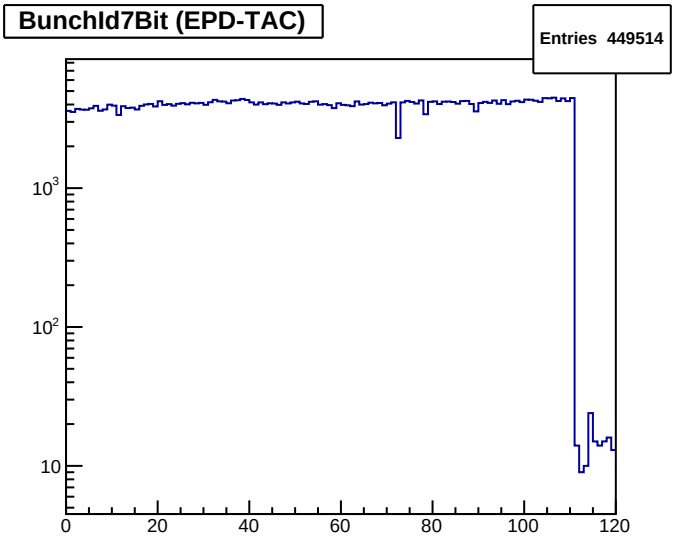
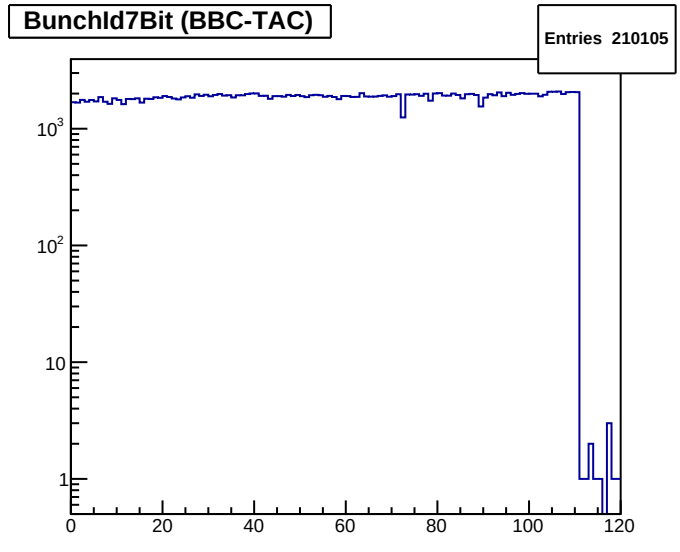
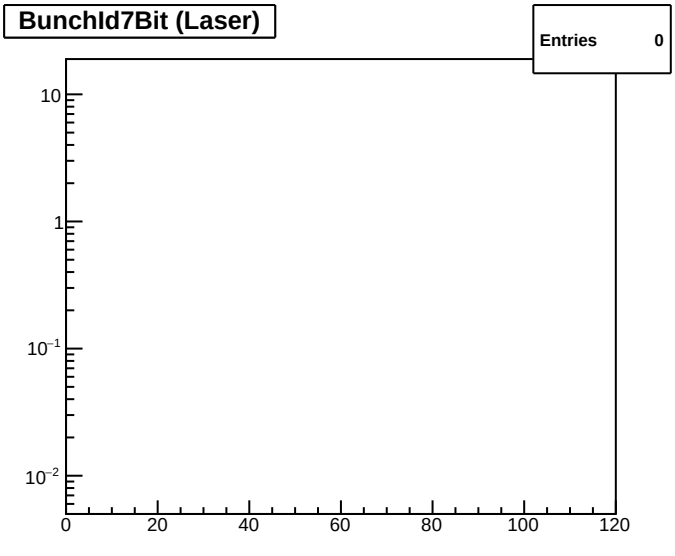
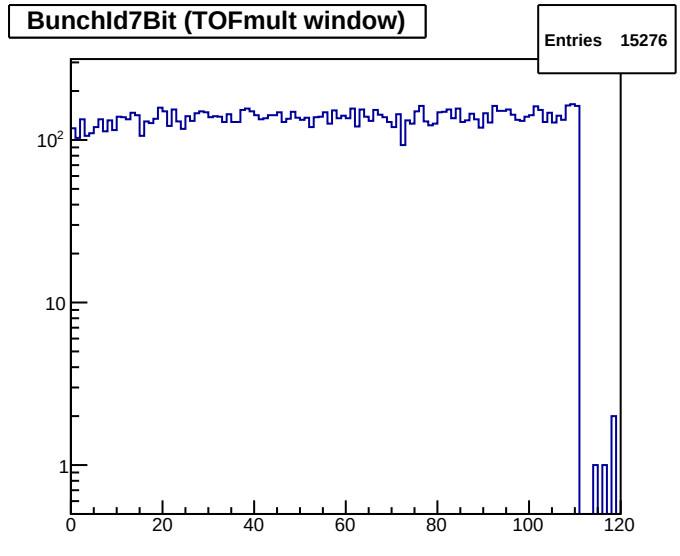

BunchId7Bit (VPD-TAC)
Entries 235582

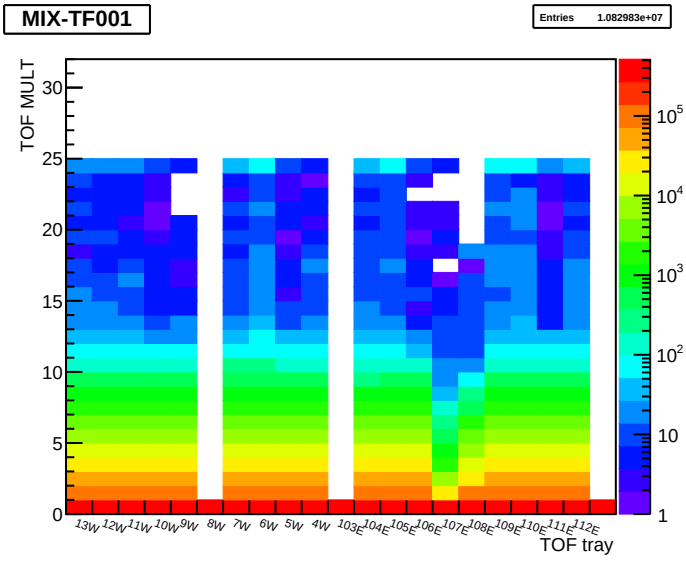

BunchId7Bit (ZDC-TAC)
Entries 1223

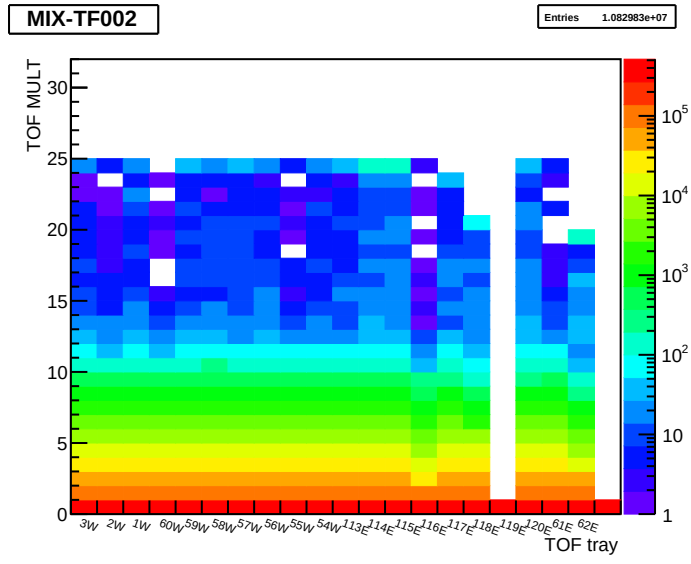

BunchId7Bit (EPD-TAC)
Entries 449514

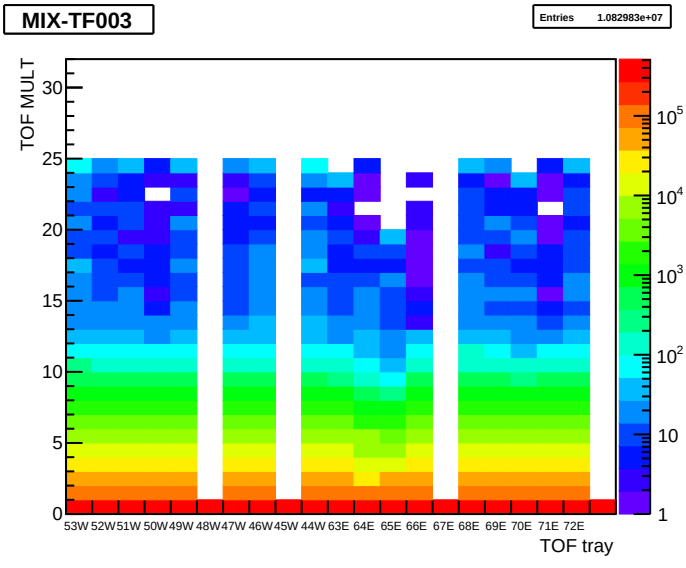

BunchId7Bit (BBC-TAC)
Entries 210105

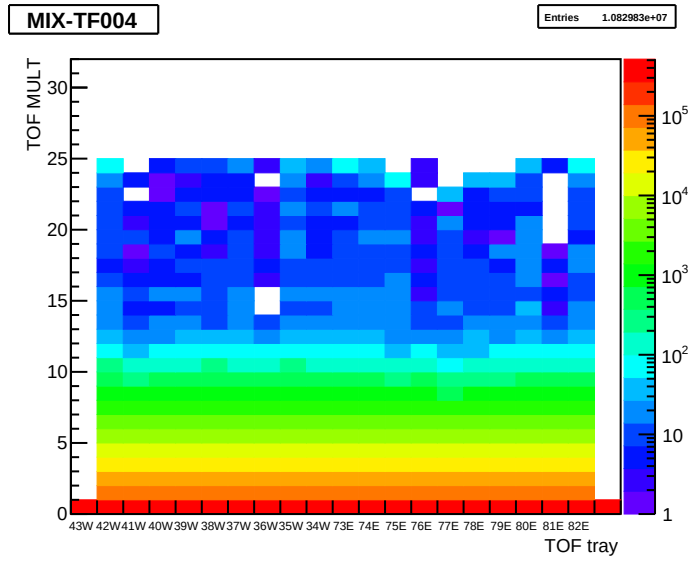

BunchId7Bit (Laser)
Entries 0

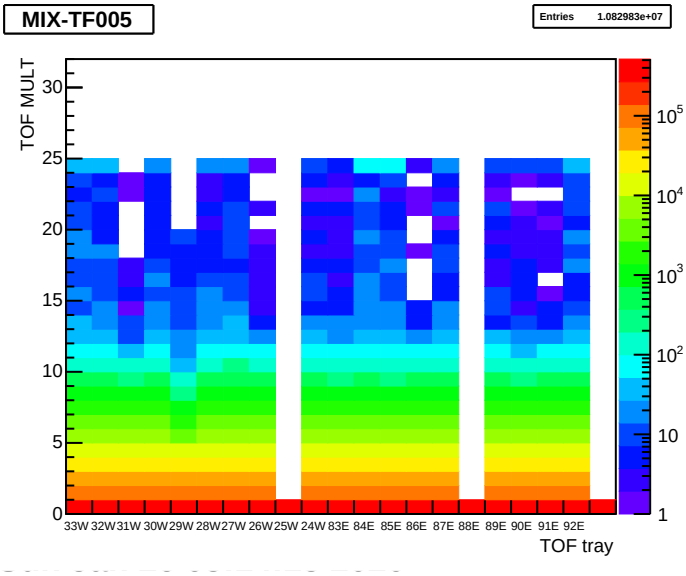

BunchId7Bit (TOFmult window)
Entries 15276

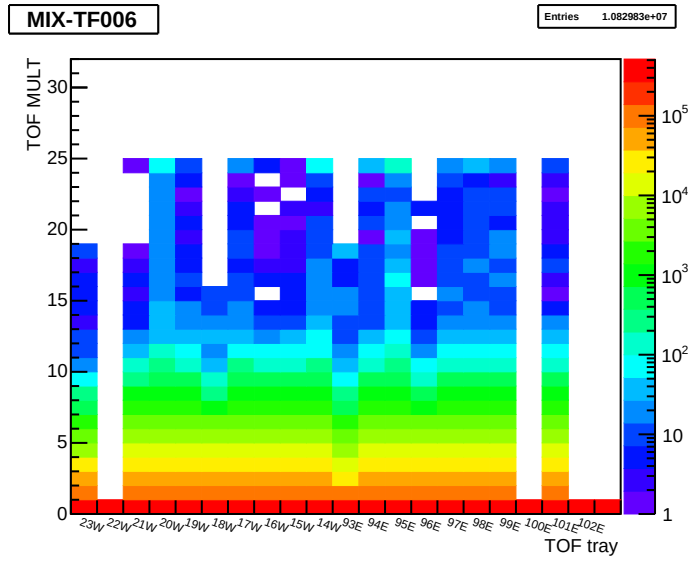

MIX-TF001
Entries 1.082983e+07
TOF MULT
TOF tray

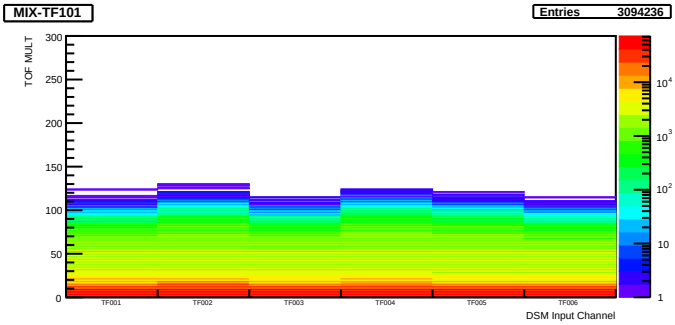

MIX-TF002
Entries 1.082983e+07
TOF MULT
TOF tray

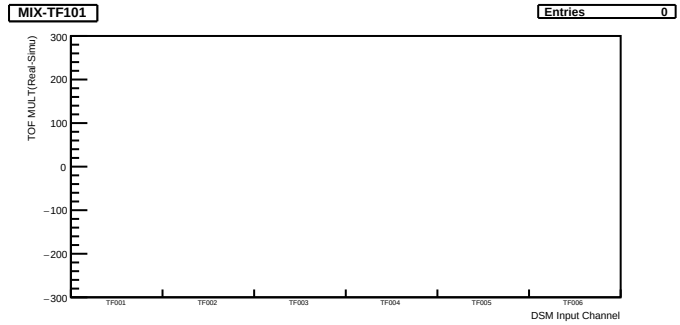

MIX-TF003
Entries 1.082983e+07
TOF MULT
TOF tray

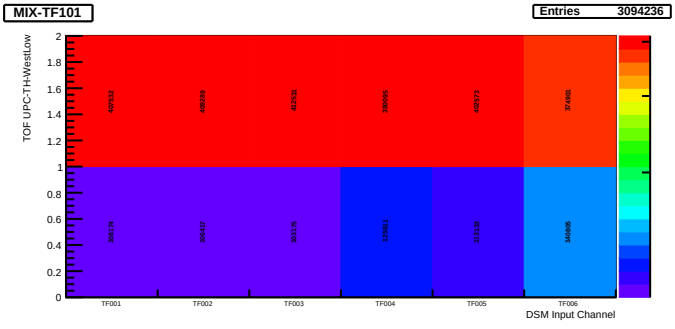

MIX-TF004
Entries 1.082983e+07
TOF MULT
TOF tray

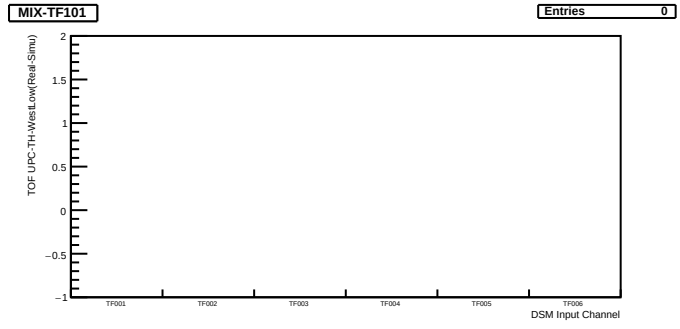

MIX-TF005
Entries 1.082983e+07
TOF MULT
TOF tray

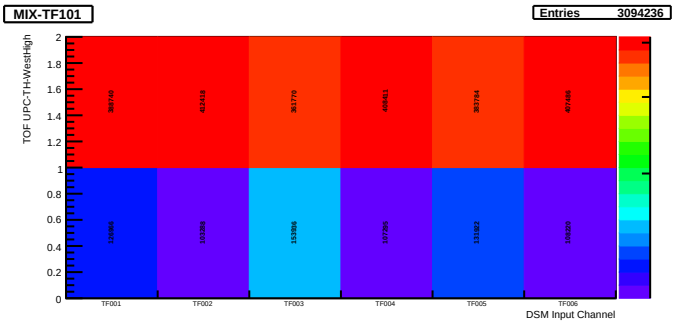

MIX-TF006
Entries 1.082983e+07
TOF MULT
TOF tray

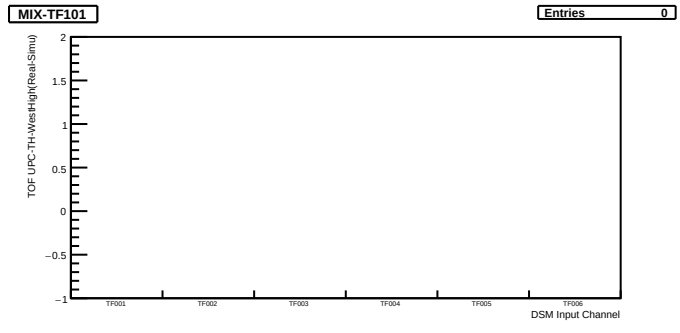

MIX-TF101
Entries 3094236
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

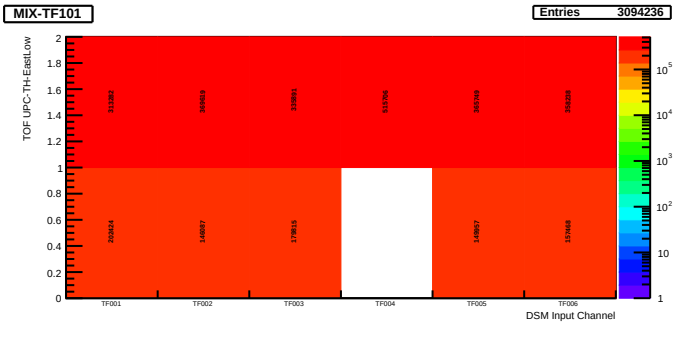

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

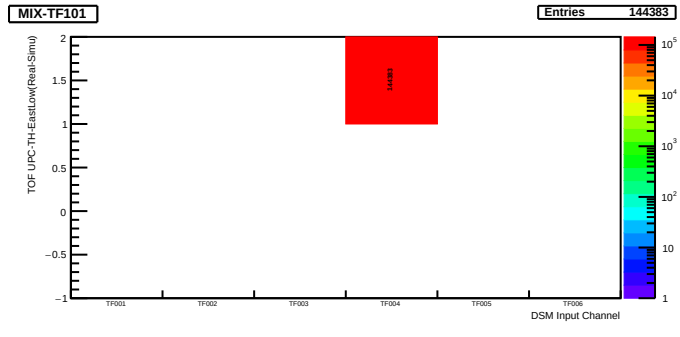

MIX-TF101
Entries 3094236
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

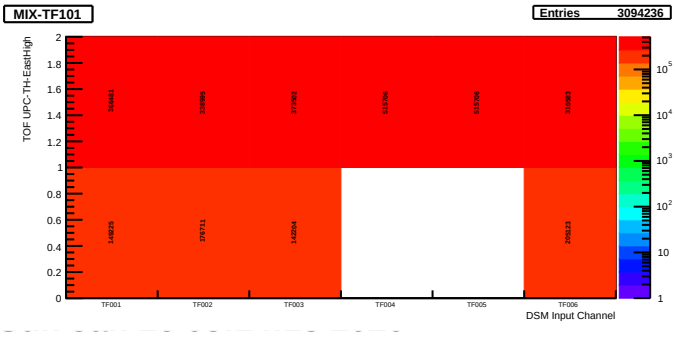

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

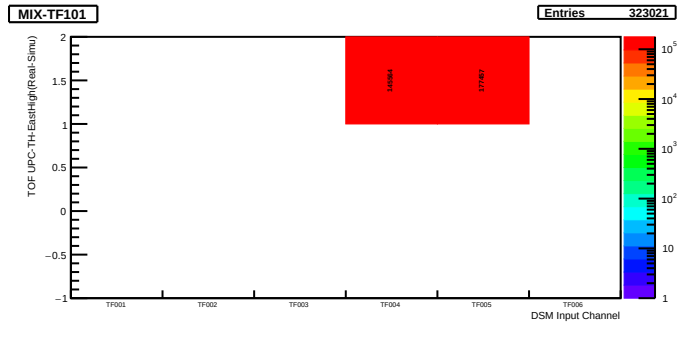

MIX-TF101
Entries 3094236
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

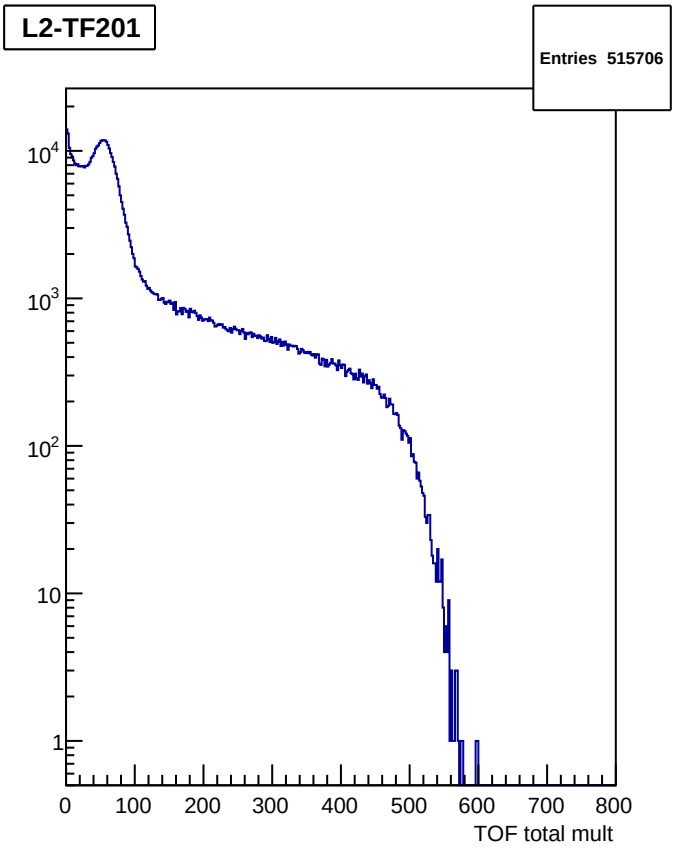

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

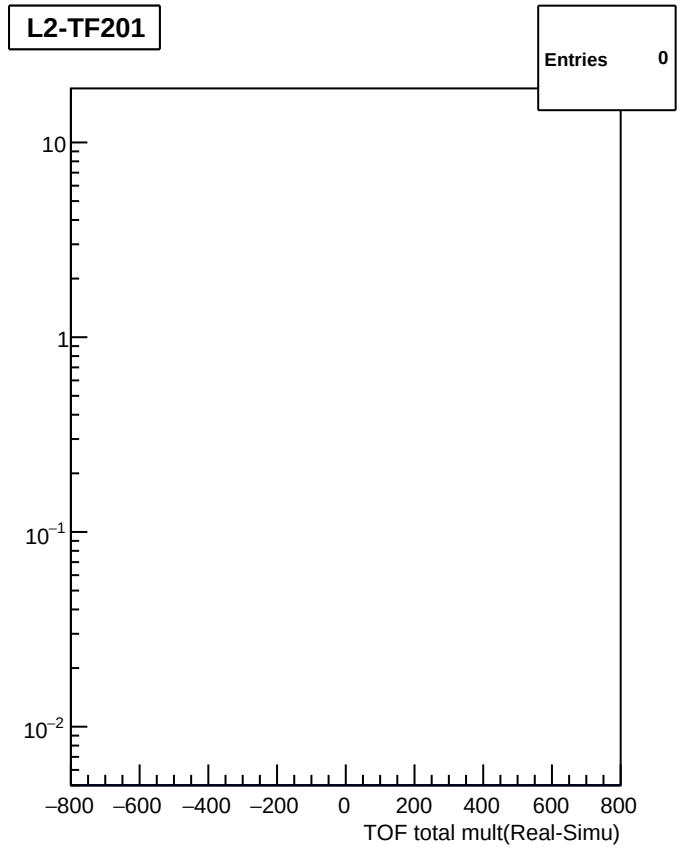

MIX-TF101
Entries 3094236
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

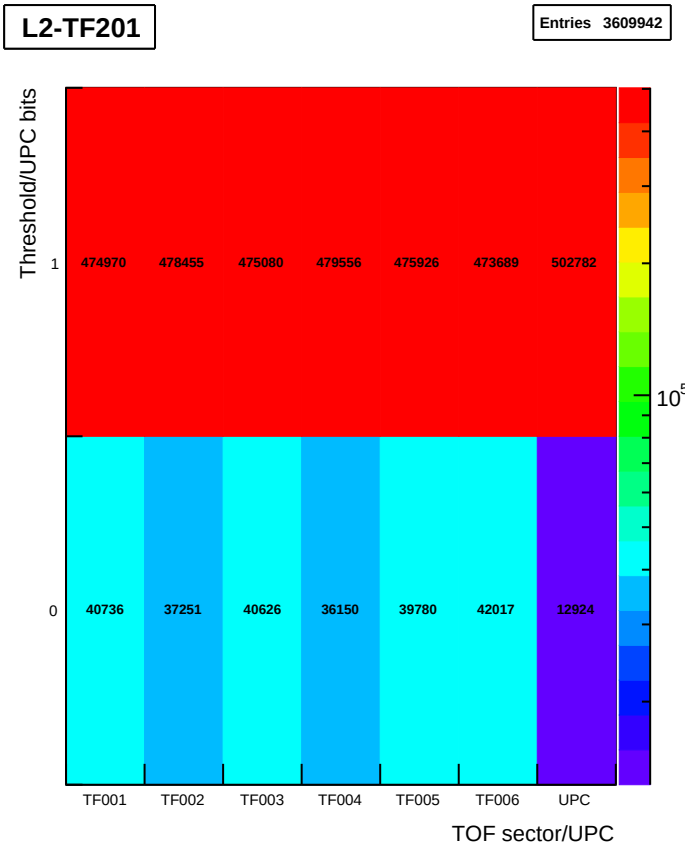

MIX-TF101
Entries 144383
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

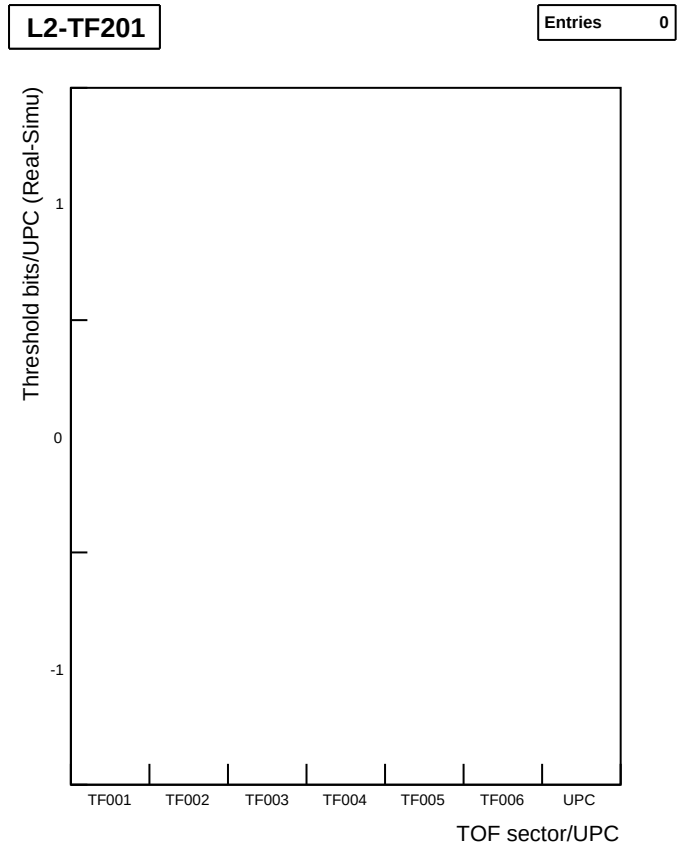

MIX-TF101
Entries 3094236
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

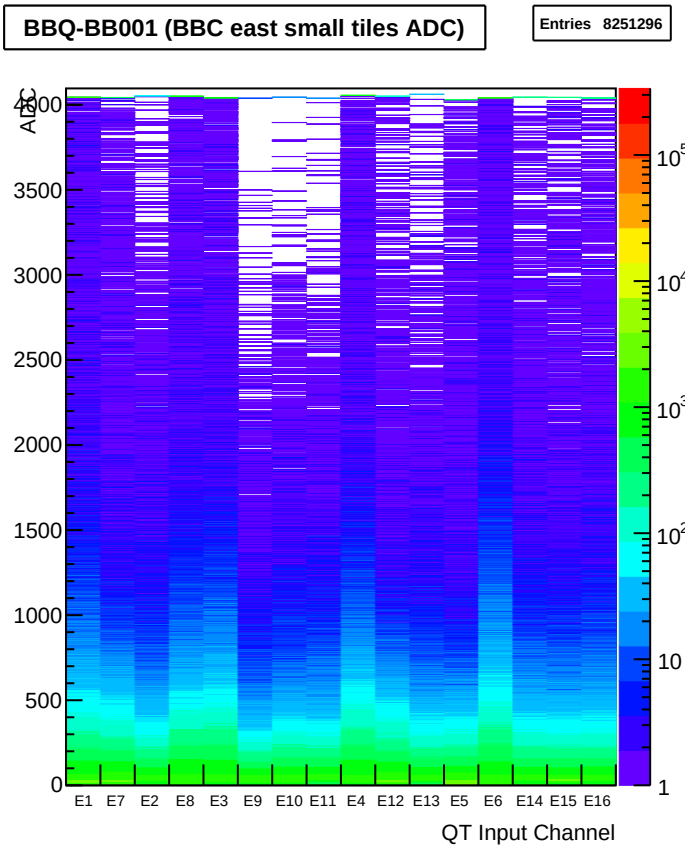

MIX-TF101
Entries 323021
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

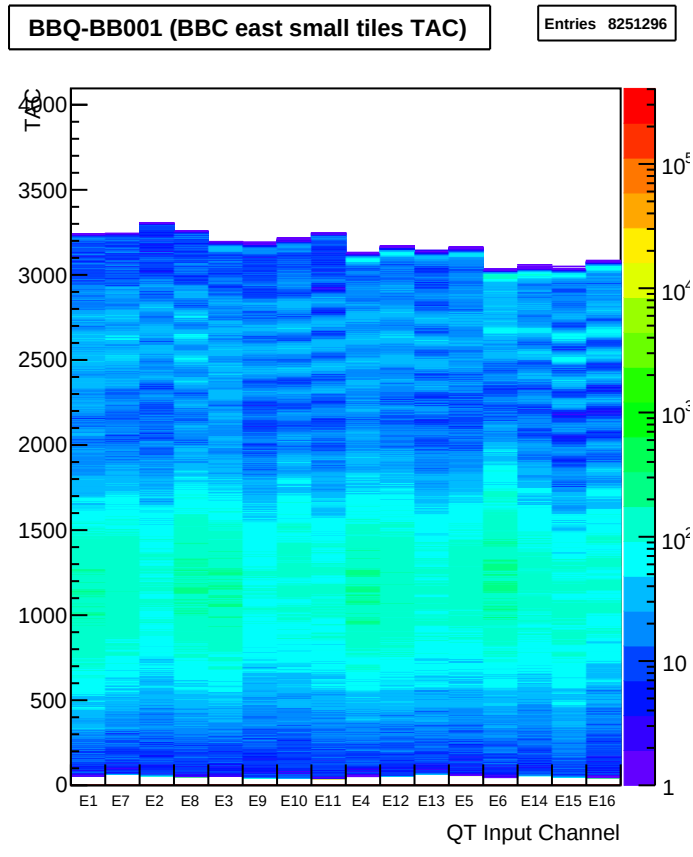

L2-TF201
Entries 515706
TOF total mult

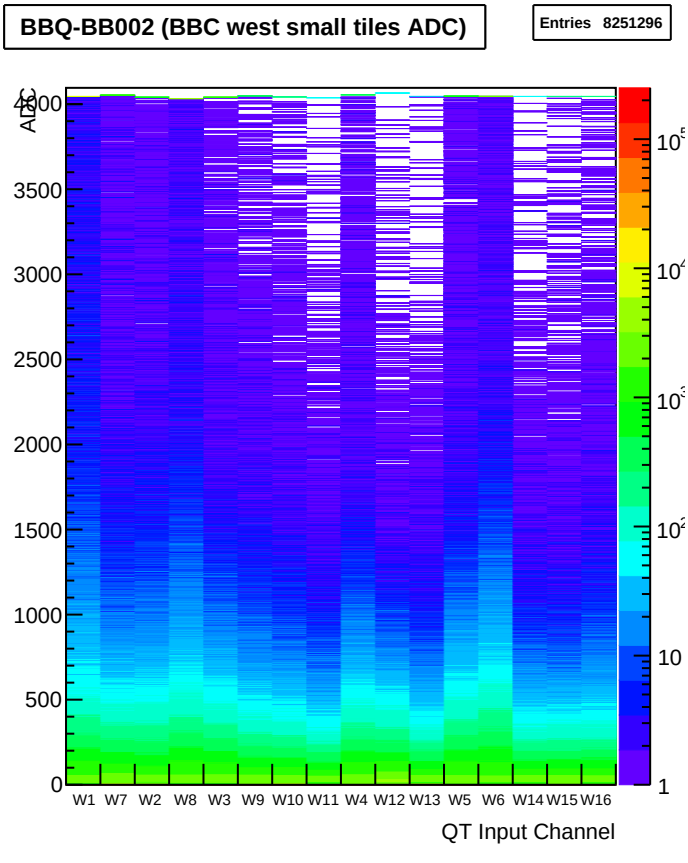

L2-TF201
Entries 0
TOF total mult(Real-Simu)

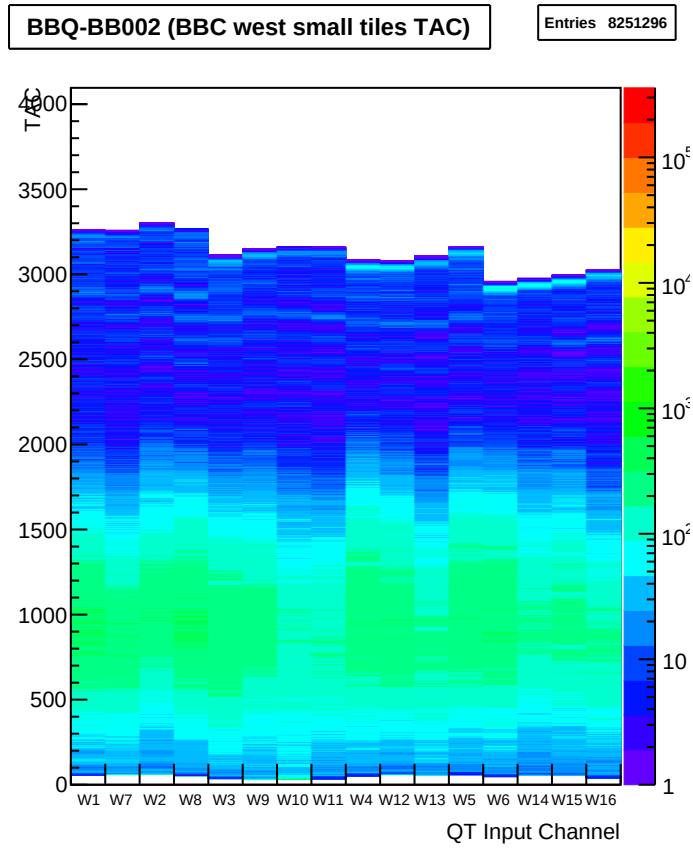

L2-TF201
Entries 3609942
Threshold/UPC bits
474970
478455
475080
479556
475926
473689
502782
40736
37251
40626
36150
39780
42017
12924
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

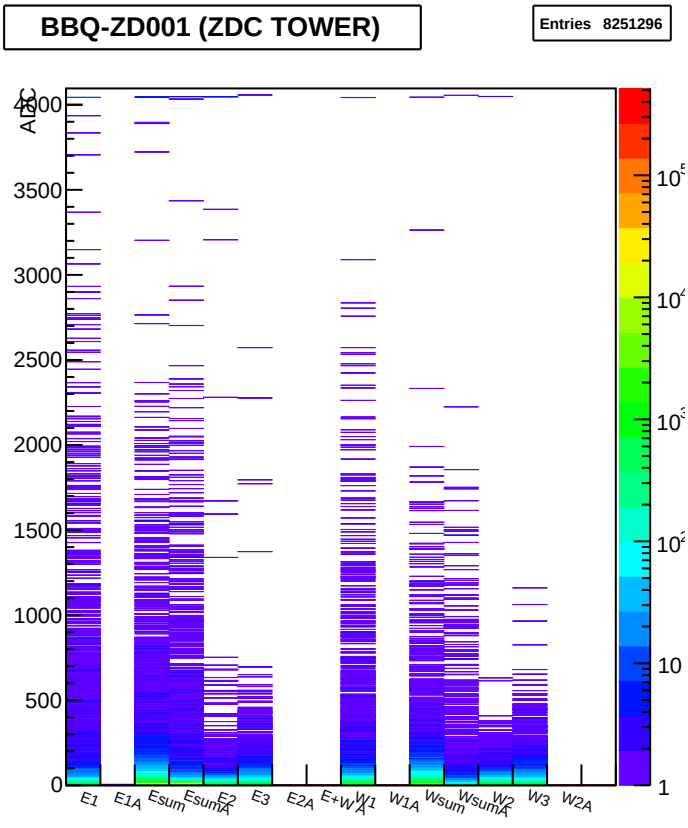

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

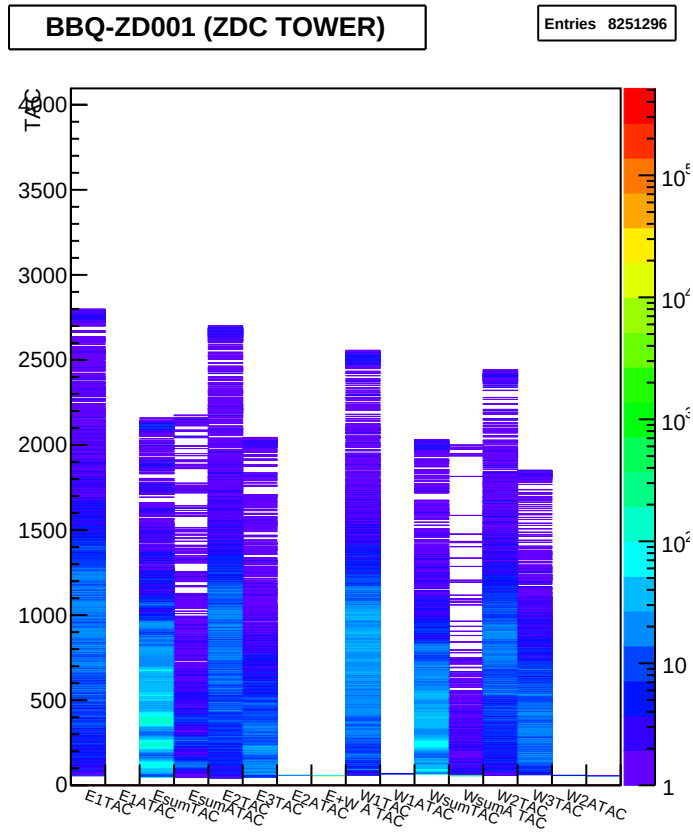

BBQ-BB001 (BBC east small tiles ADC)
Entries 8251296
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

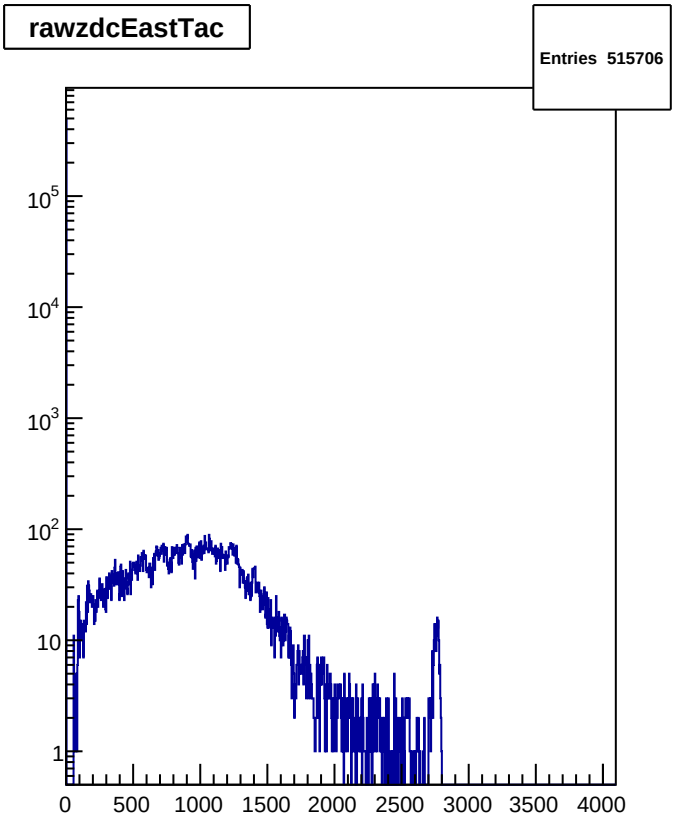

BBQ-BB001 (BBC east small tiles TAC)
Entries 8251296
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

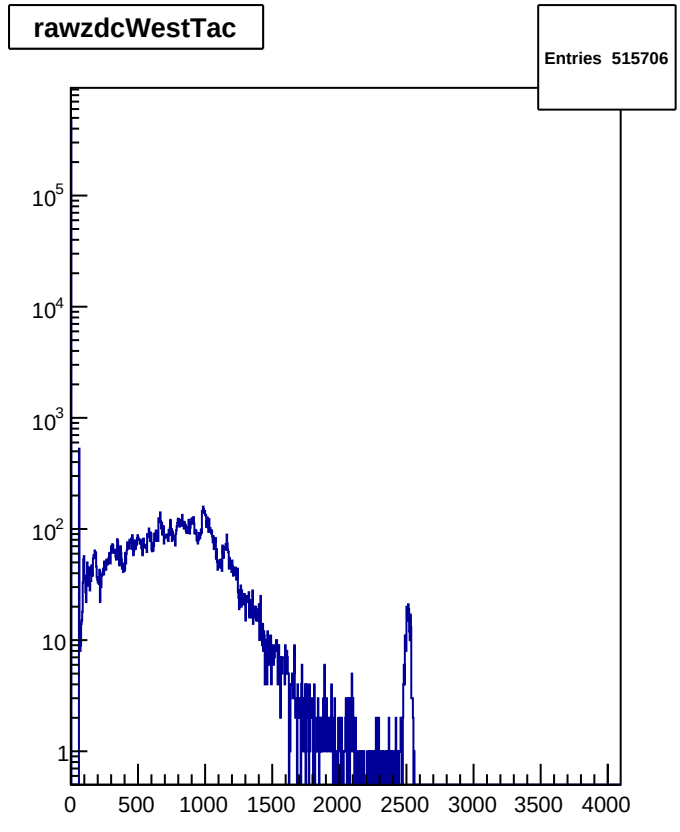

BBQ-BB002 (BBC west small tiles ADC)
Entries 8251296
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

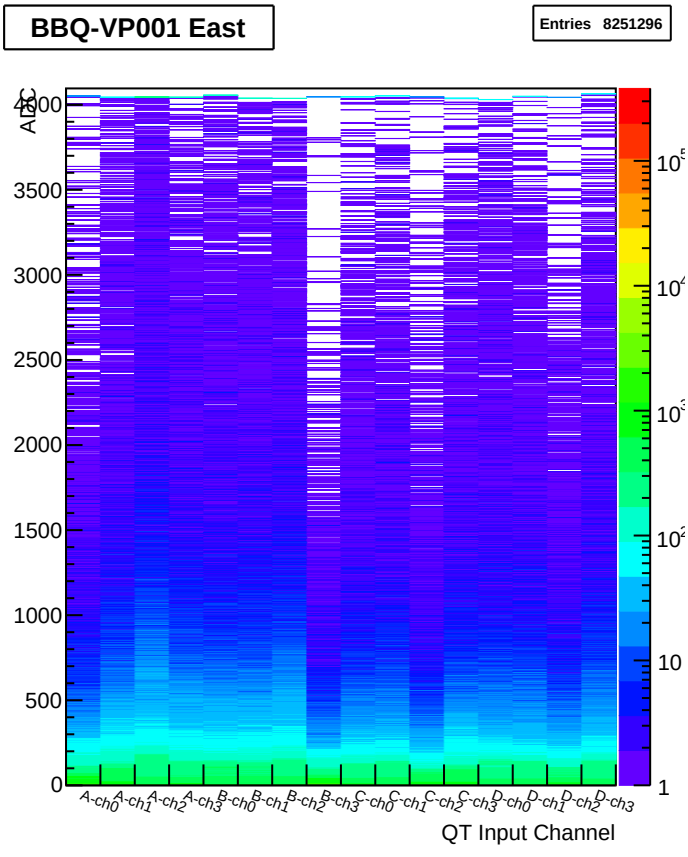

BBQ-BB002 (BBC west small tiles TAC)
Entries 8251296
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

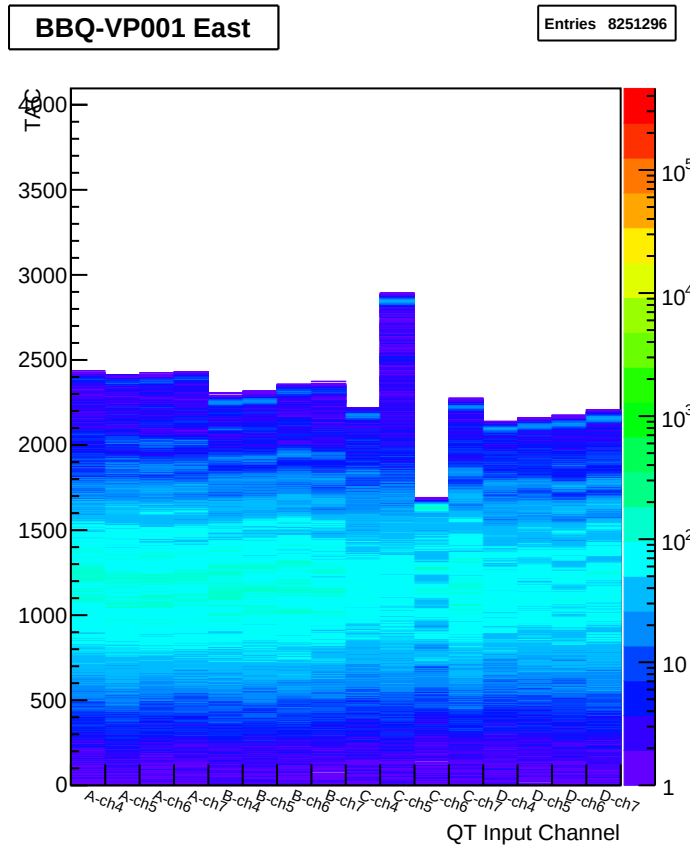

BBQ-ZD001 (ZDC TOWER)
Entries 8251296
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

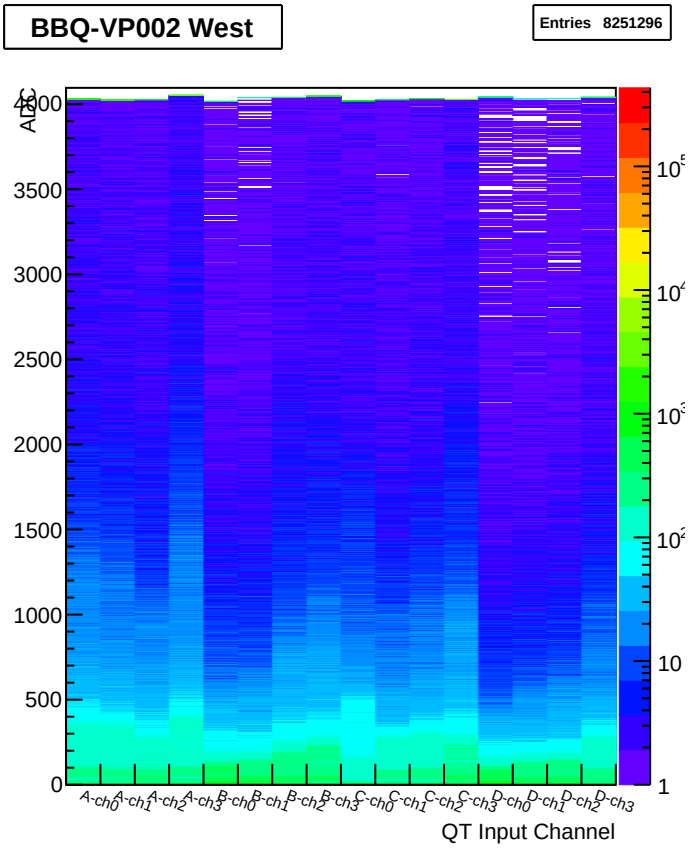

BBQ-ZD001 (ZDC TOWER)
Entries 8251296
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

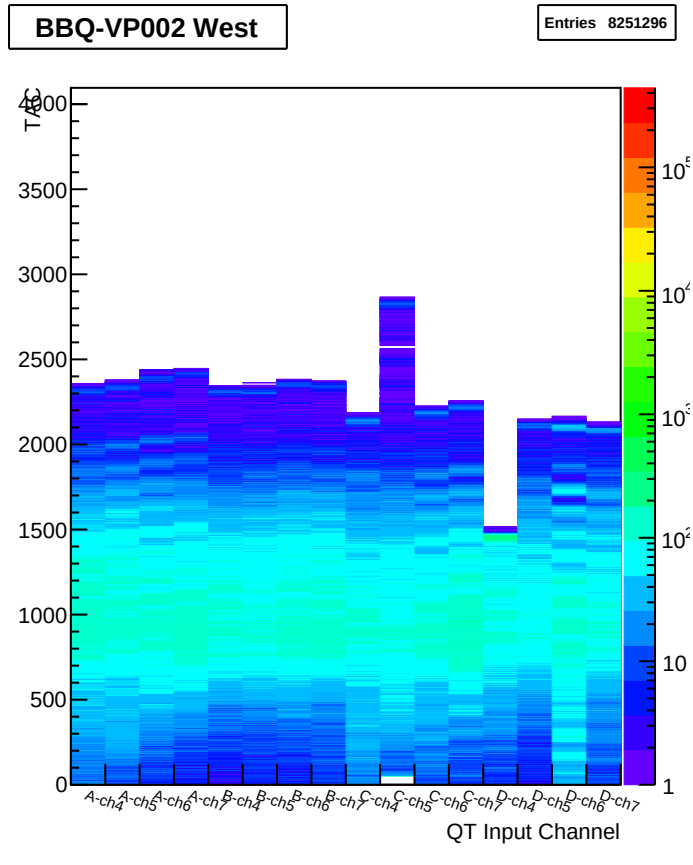

rawzdcEastTac
Entries 515706

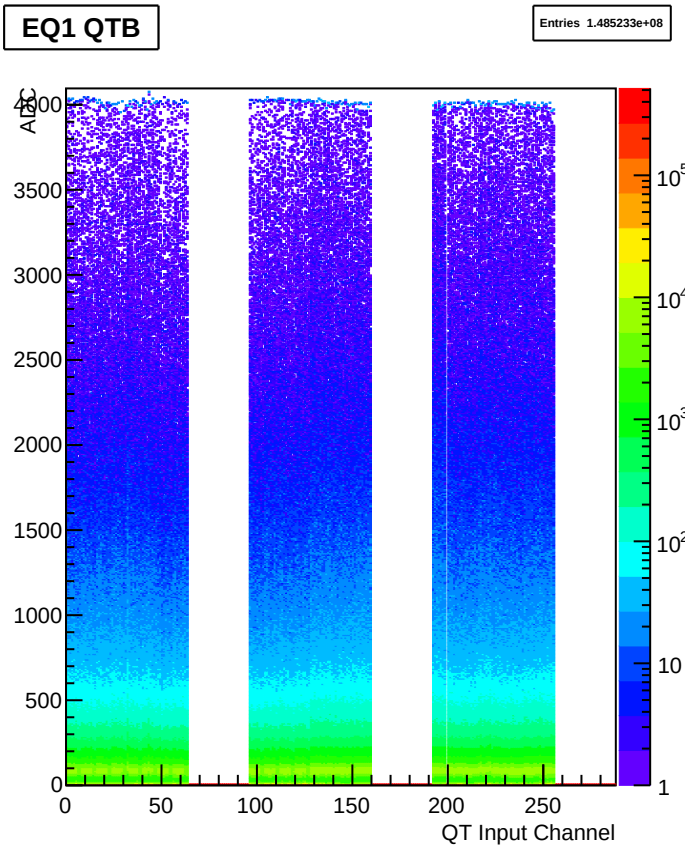

rawzdcWestTac
Entries 515706

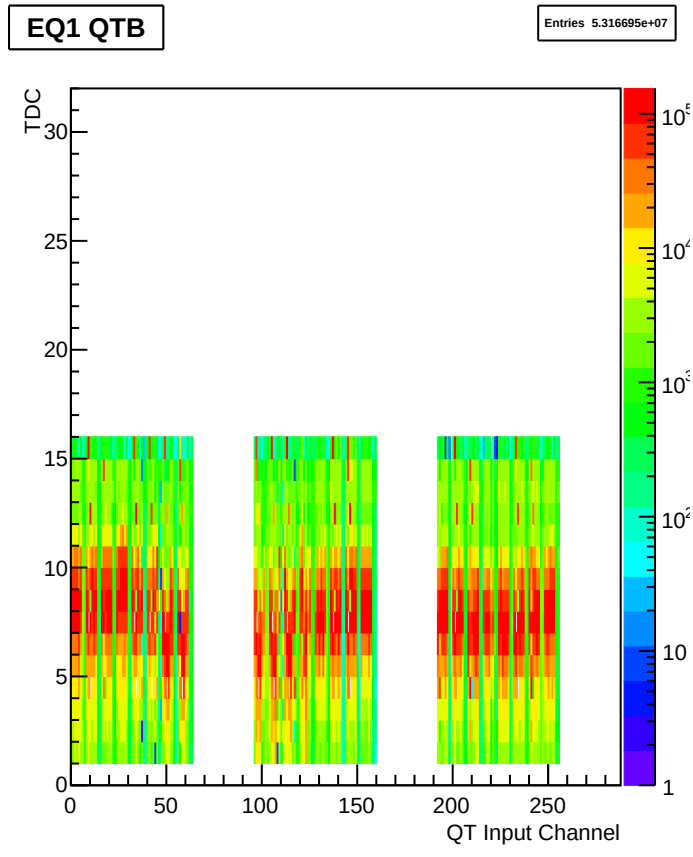

BBQ-VP001 East
Entries 8251296
ADC
QT Input Channel

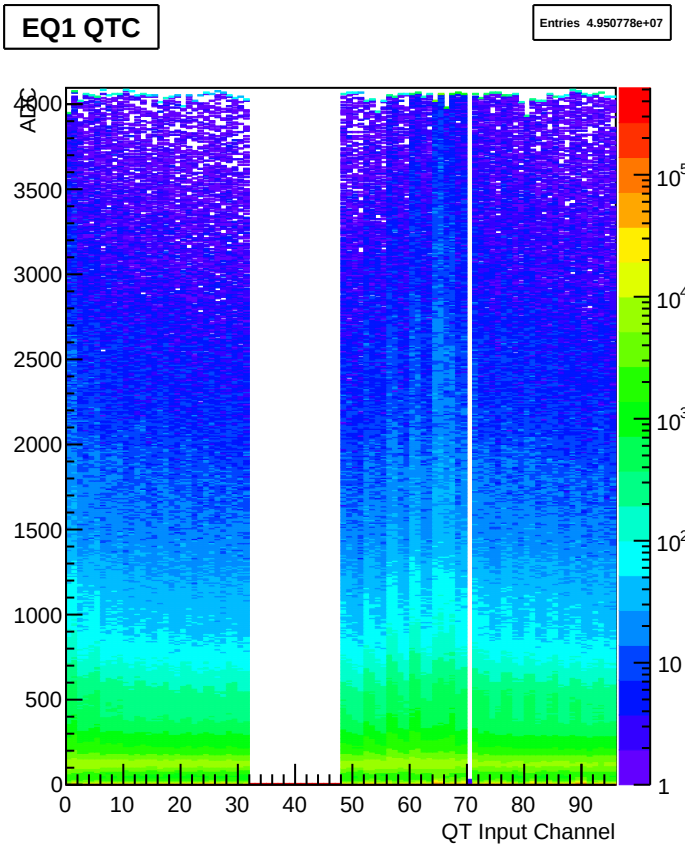

BBQ-VP001 East
Entries 8251296
TADC
QT Input Channel

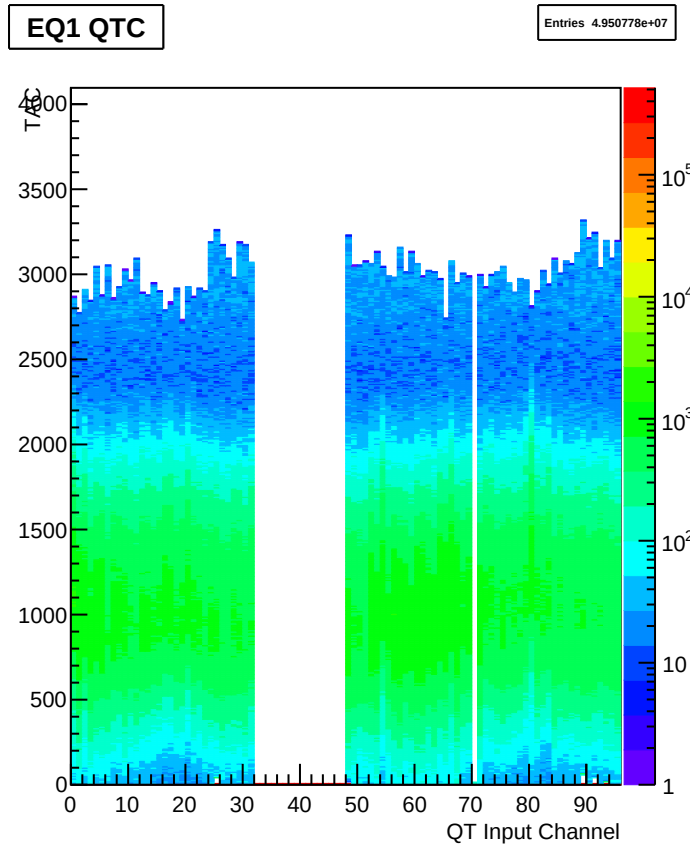

BBQ-VP002 West
Entries 8251296
ADC
QT Input Channel

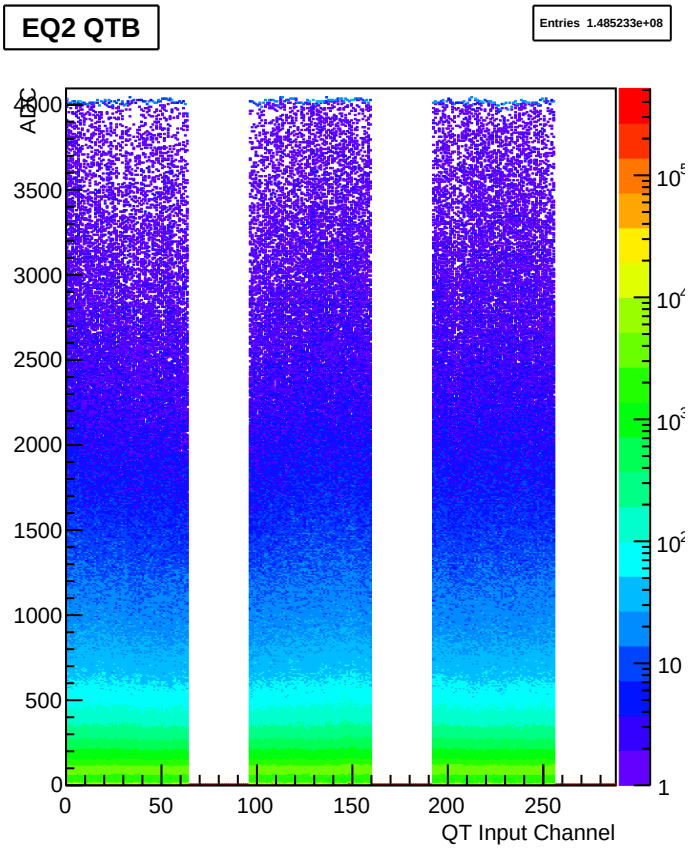

BBQ-VP002 West
Entries 8251296
TADC
QT Input Channel

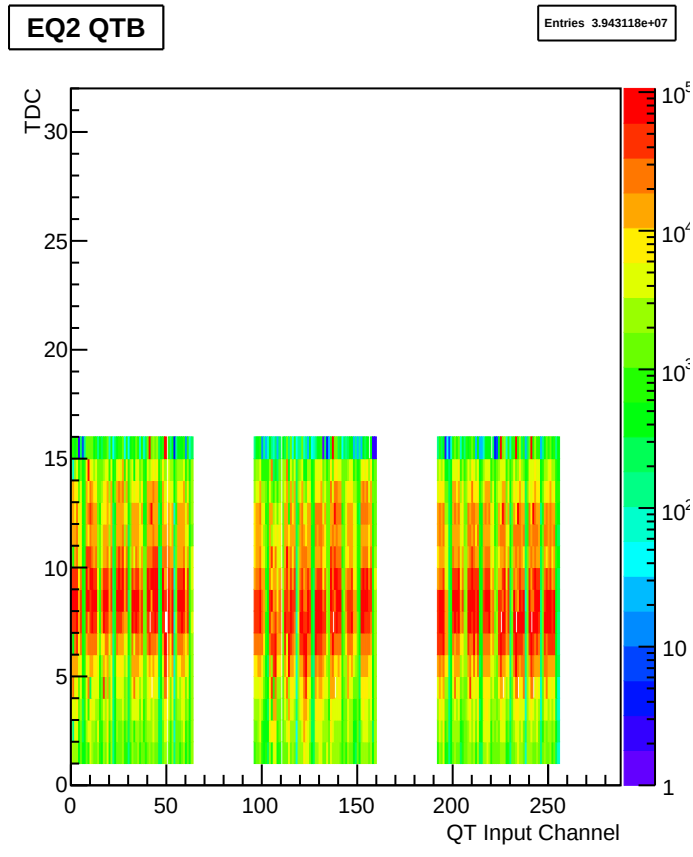

EQ1 QTB
Entries 1.485233e+08
ADC
QT Input Channel

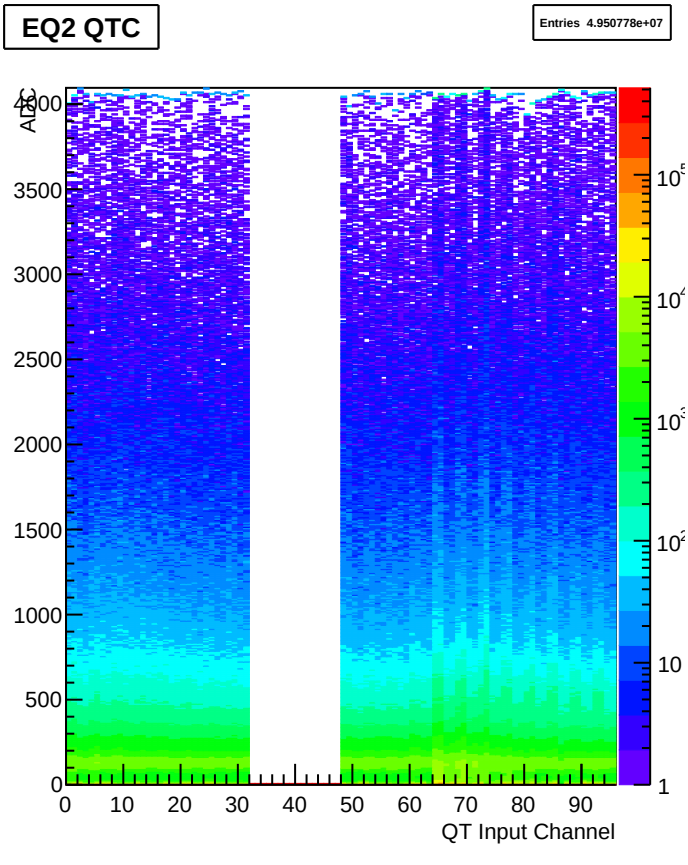

EQ1 QTB
Entries 5.316695e+07
TDC
QT Input Channel

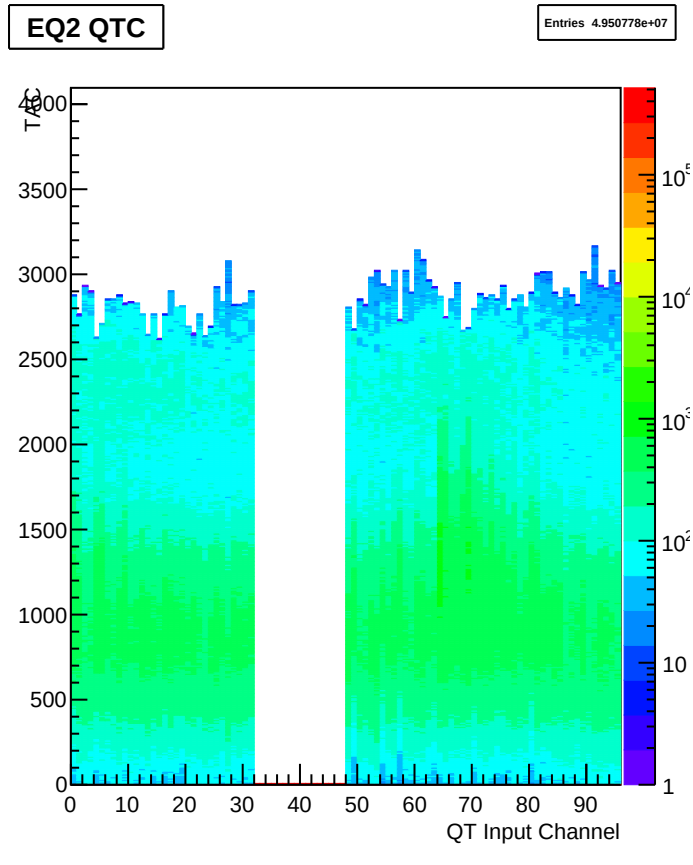

EQ1 QTC
Entries 4.950778e+07
ADC
QT Input Channel

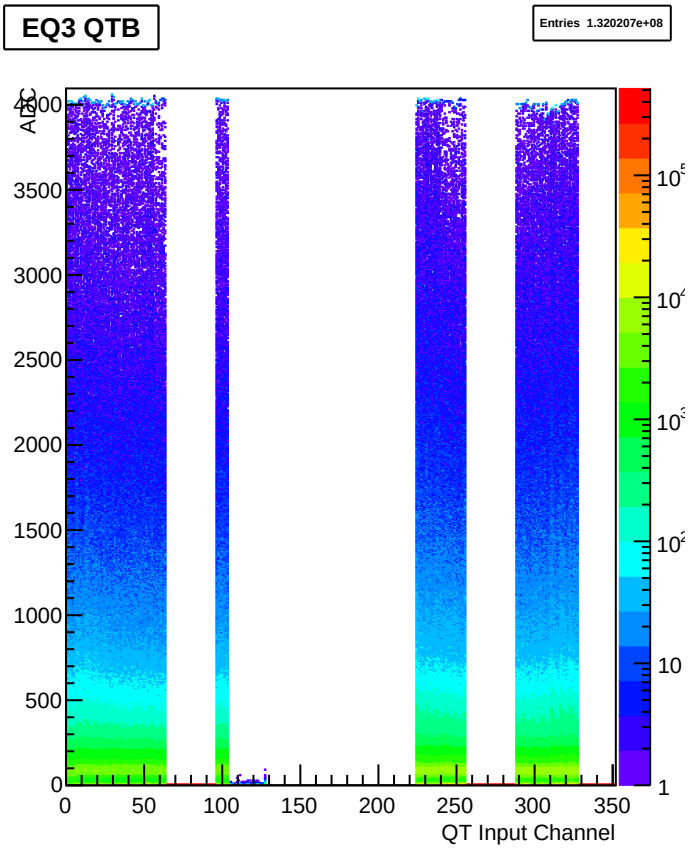

EQ1 QTC
Entries 4.950778e+07
TADC
QT Input Channel

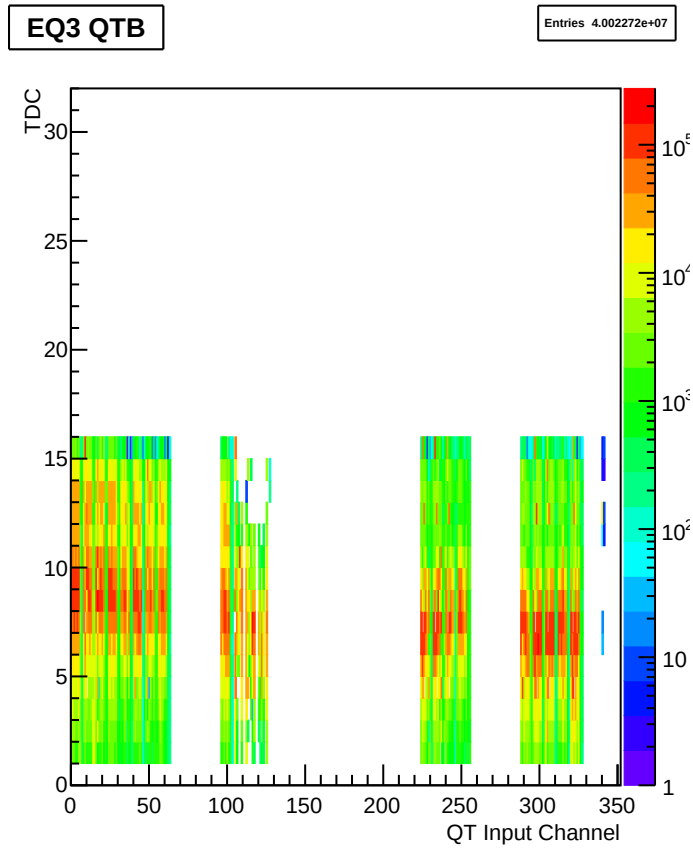

EQ2 QTB
Entries 1.485233e+08
ADC
QT Input Channel

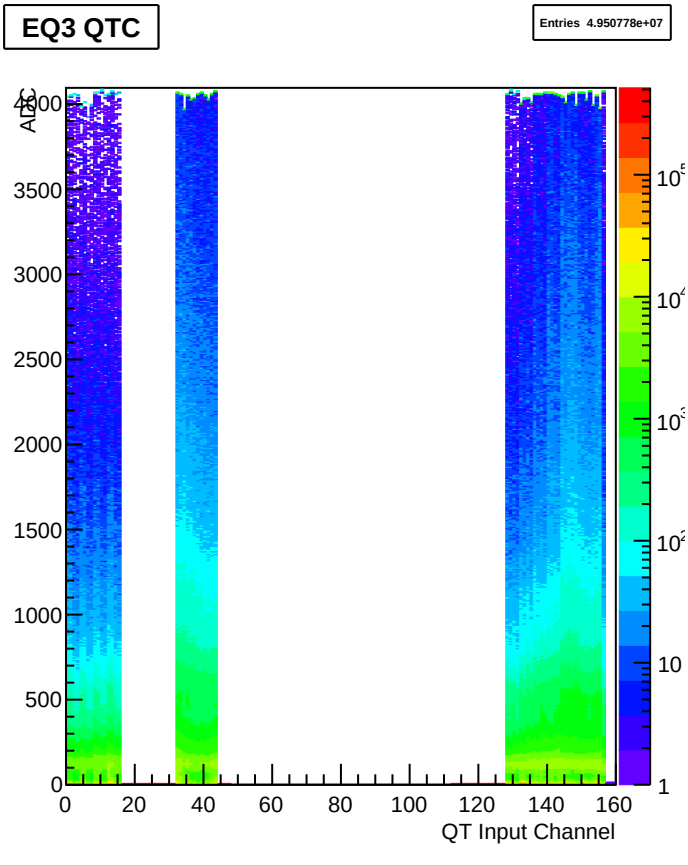

EQ2 QTB
Entries 3.943118e+07
TDC
QT Input Channel

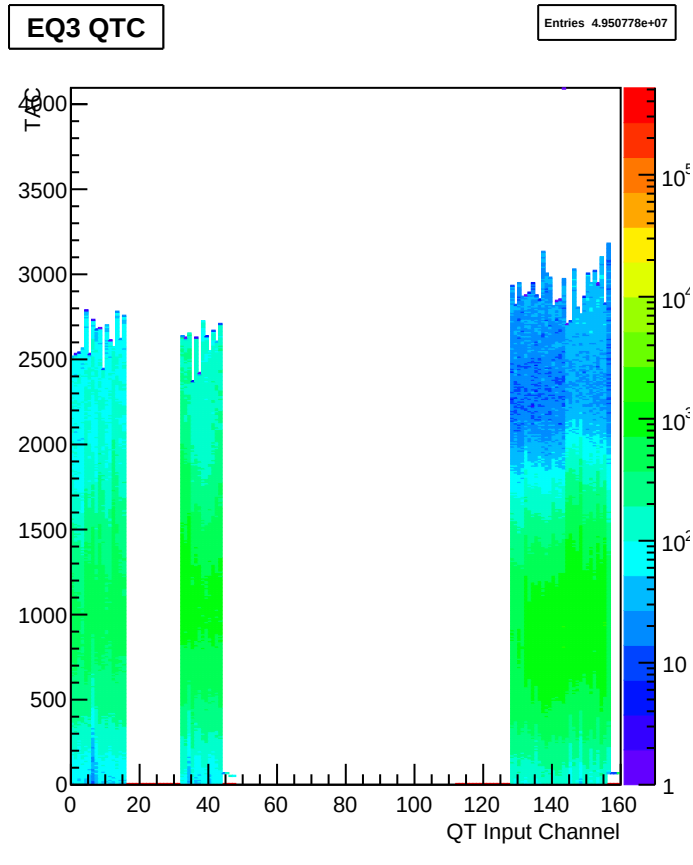

EQ2 QTC
Entries 4.950778e+07
ADC
QT Input Channel

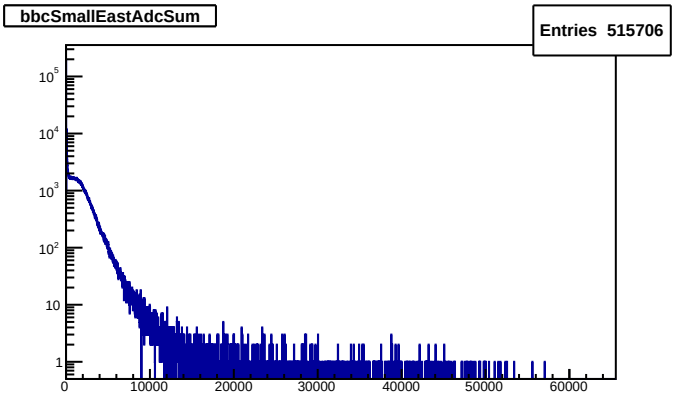

EQ2 QTC
Entries 4.950778e+07
TADC
QT Input Channel

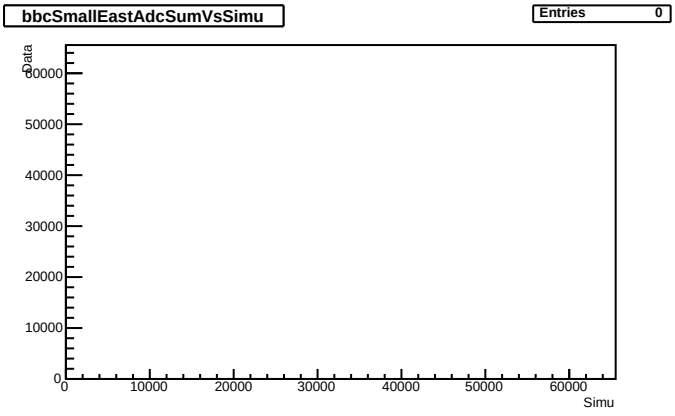

EQ3 QTB
Entries 1.320207e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.002272e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.950778e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.950778e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 515706


bbcSmallEastAdcSumVsSimu
Entries 0
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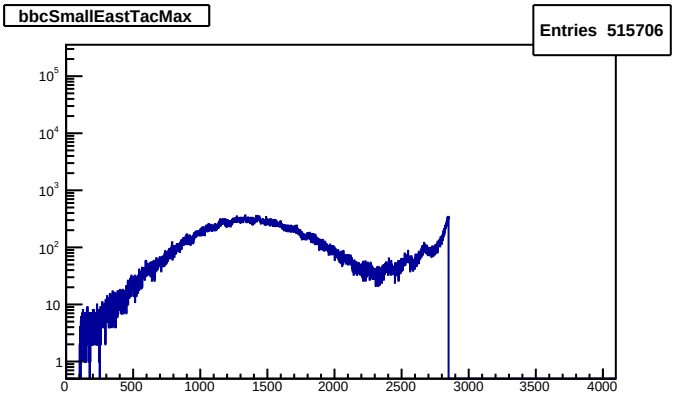
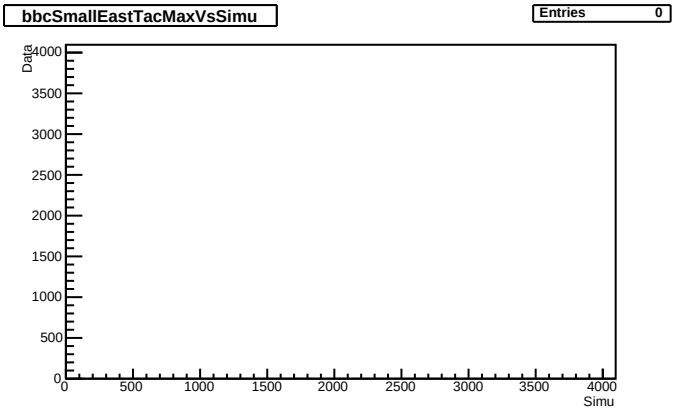
Simu


bbcSmallEastTacMax
Entries 515706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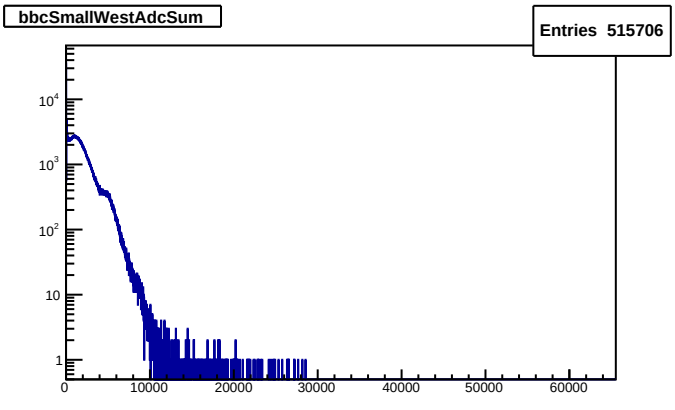
Data
Simu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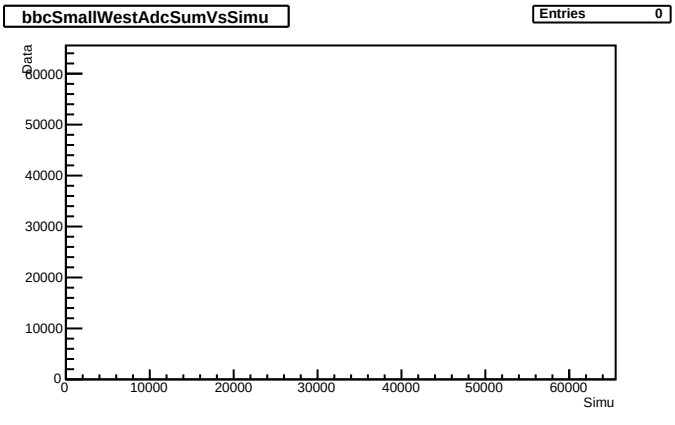
Entries 515706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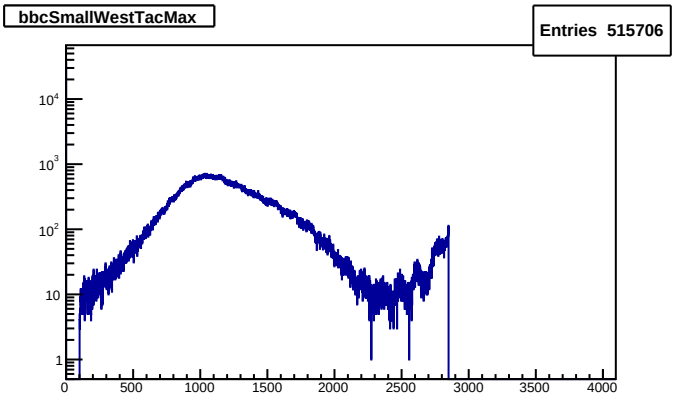
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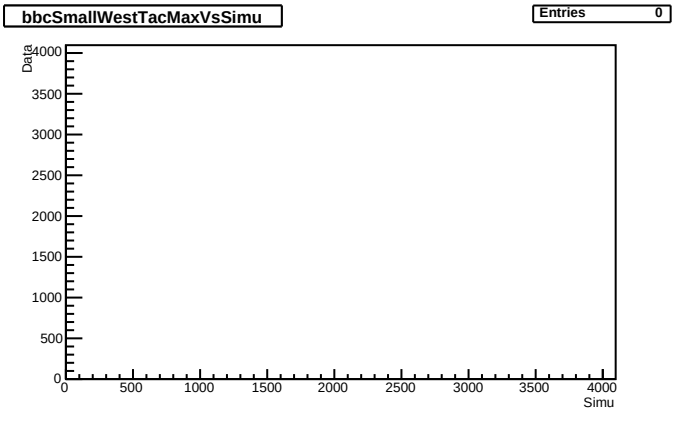
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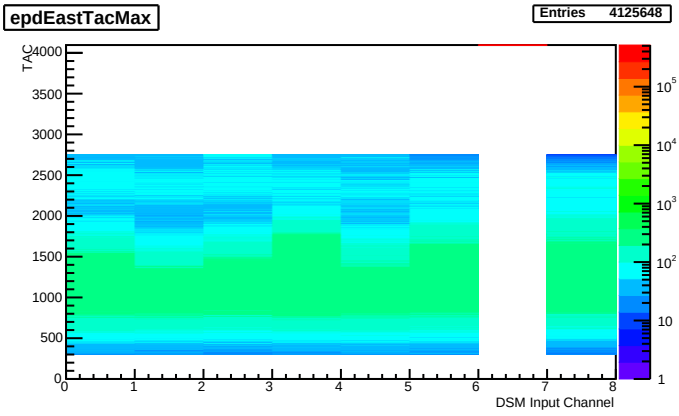
Entries 0
Data
Simu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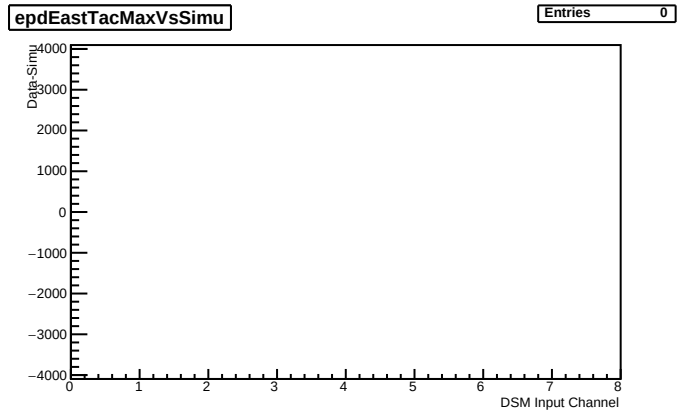
TAC
DSM Input Channel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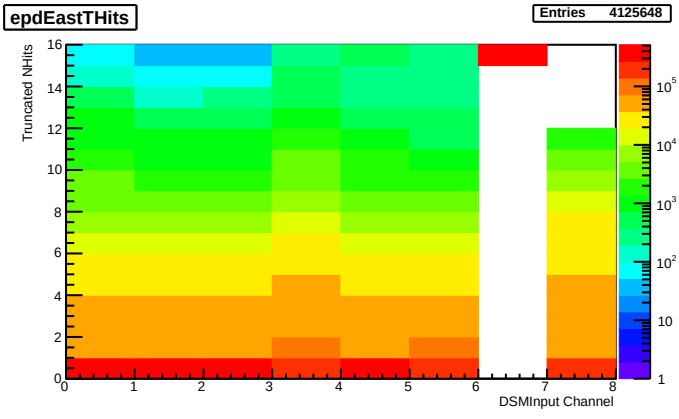
DSM Input Channel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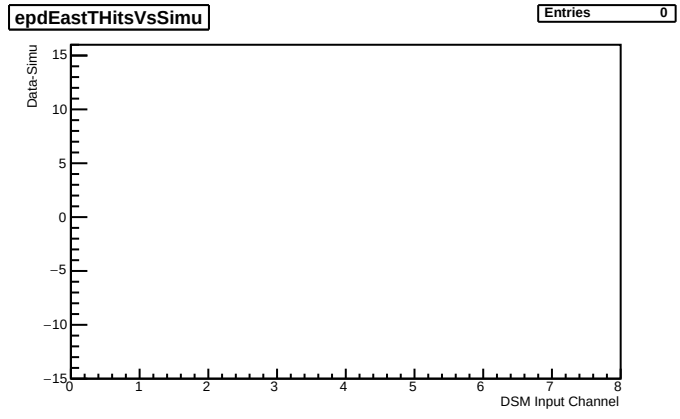
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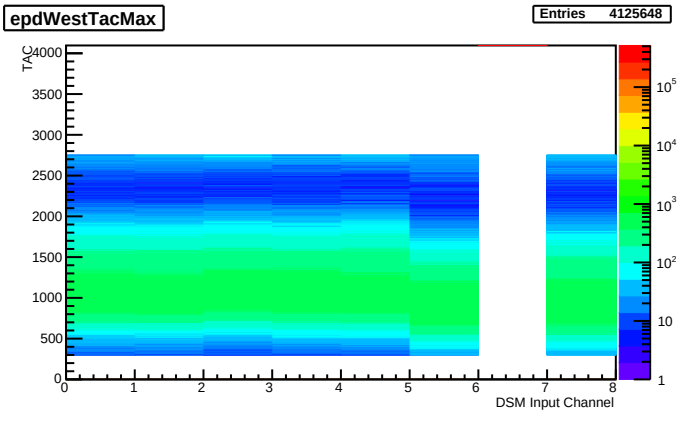
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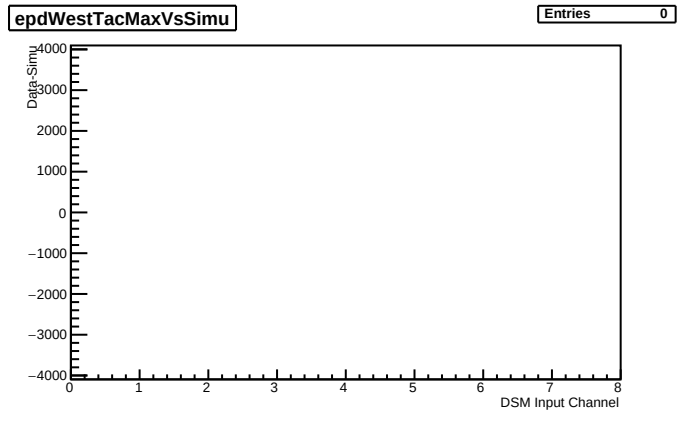
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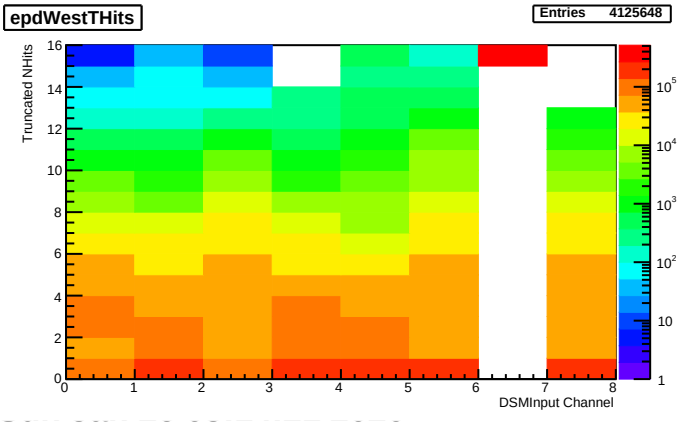
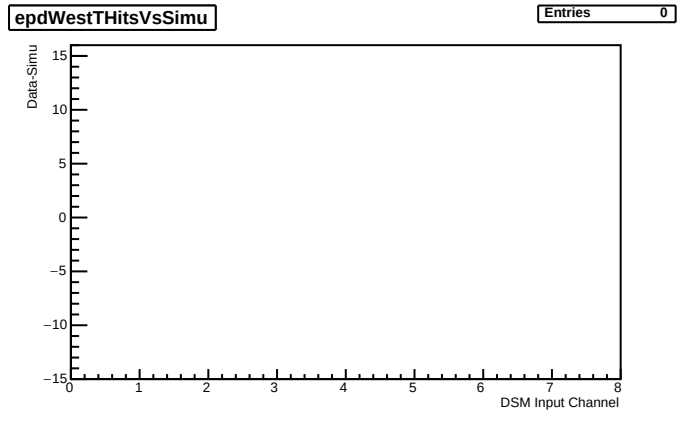
DSM Input Channel


epdWestTHits
Entries 4125648
Truncated NHits
DSMInput Channel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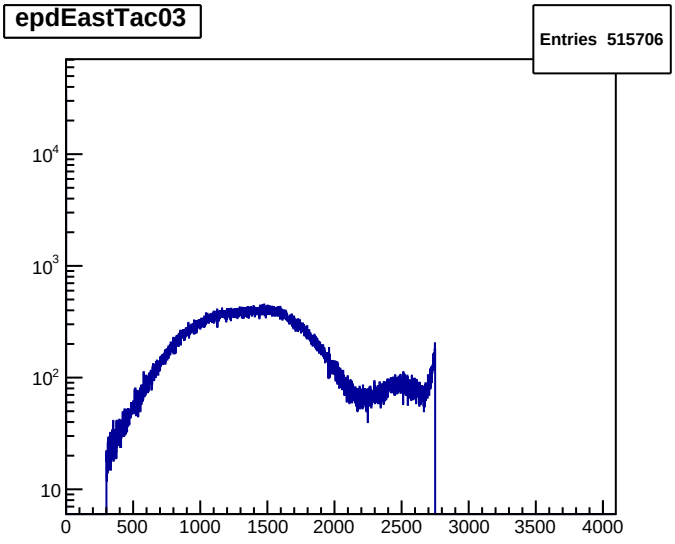
Entries 0
Data-Simu
DSM Input Channel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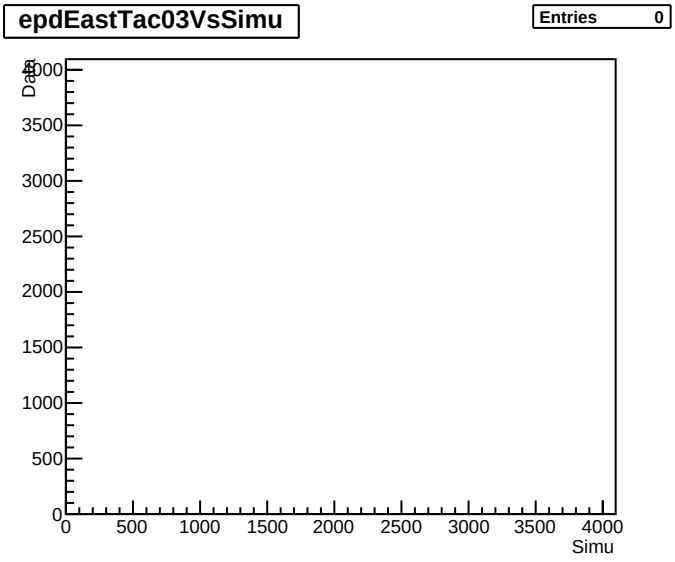
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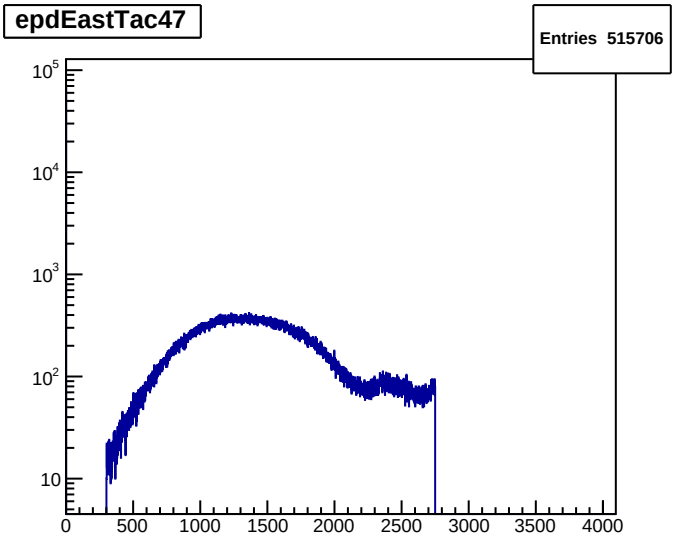
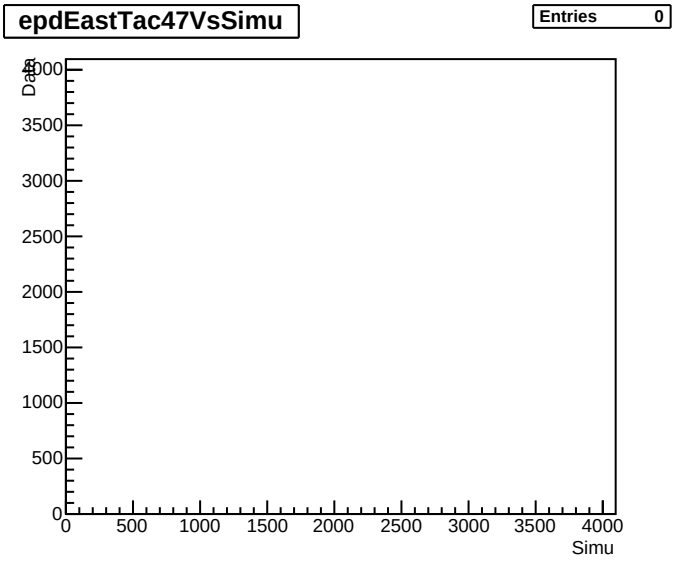
Entries 0
Data
Simu


epdEastTac47
Entries 515706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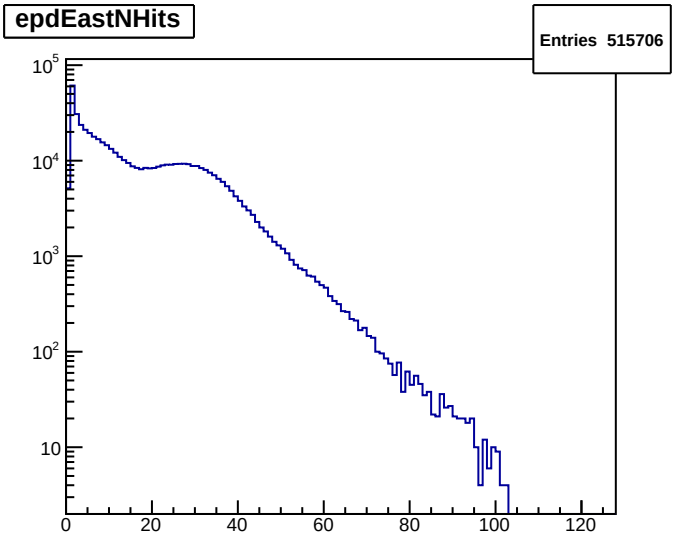
Entries 0
Data
Simu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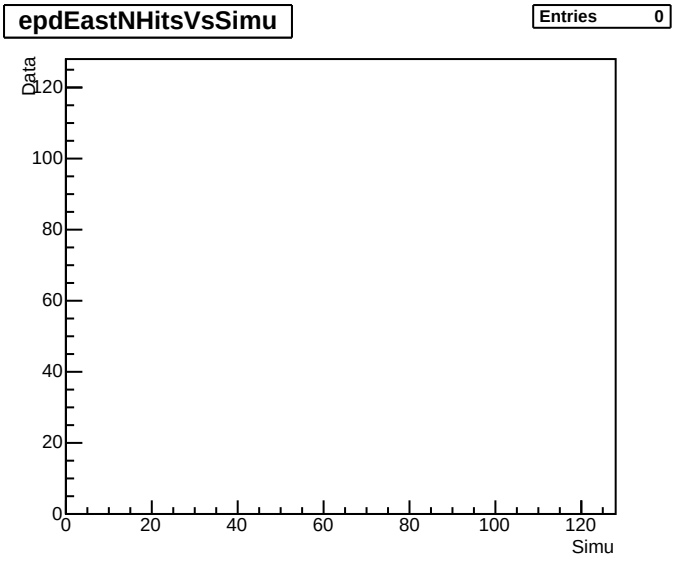
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Data
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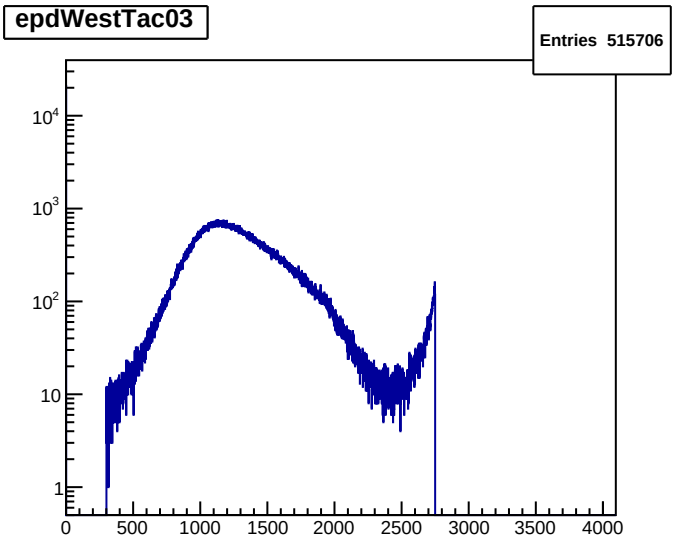
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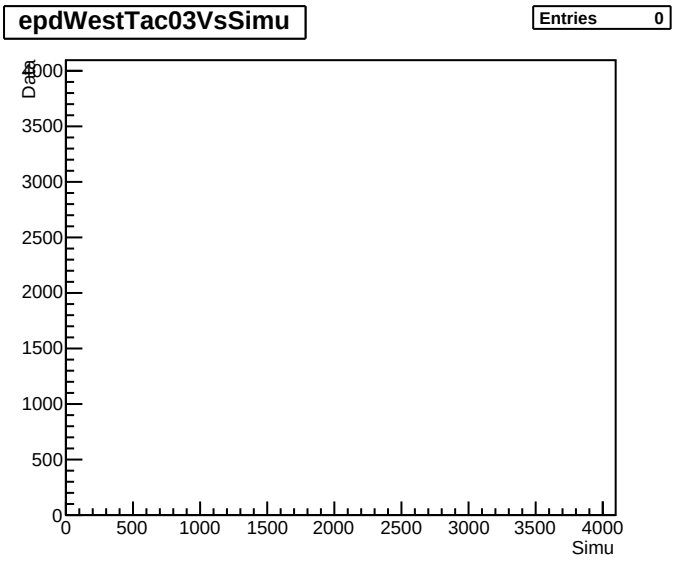
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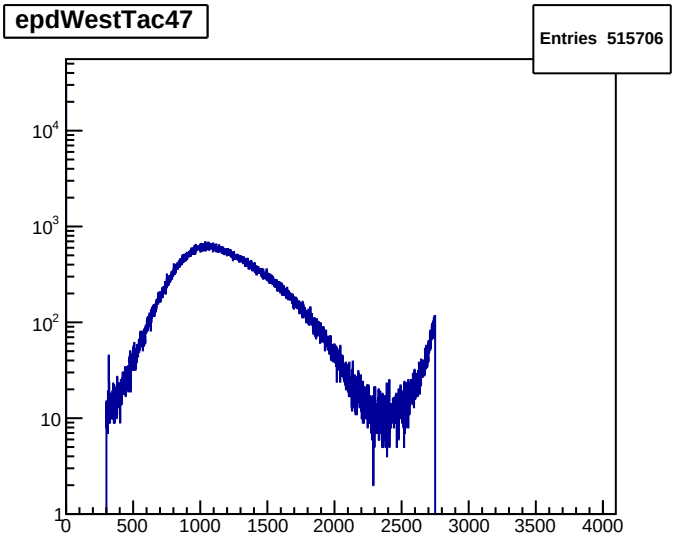
Entries 0
Data
Simu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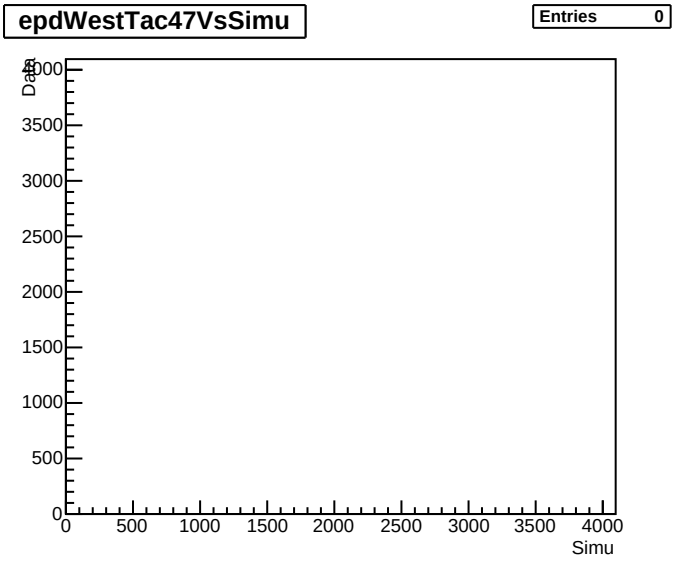
Entries 515706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Data
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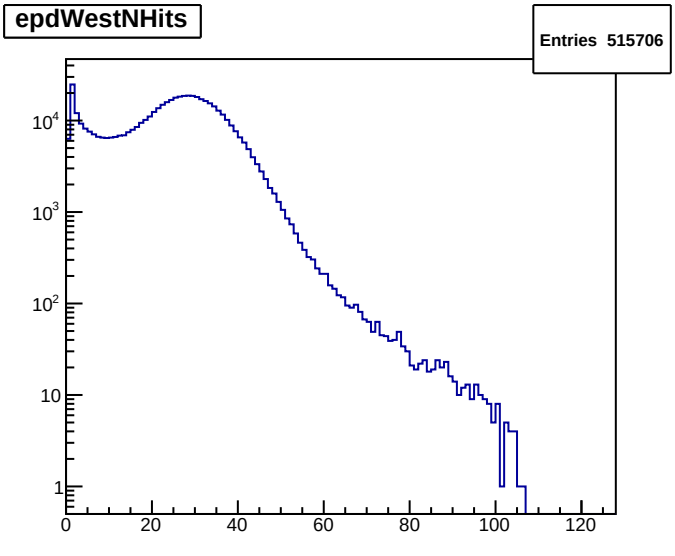
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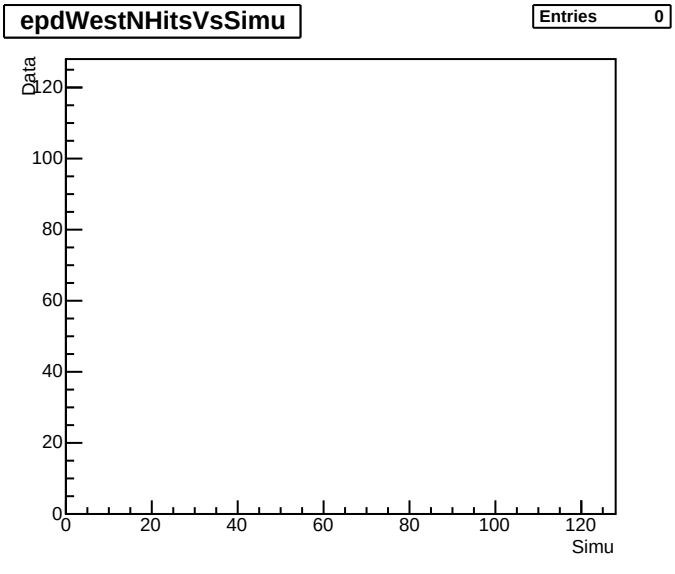
Entries 515706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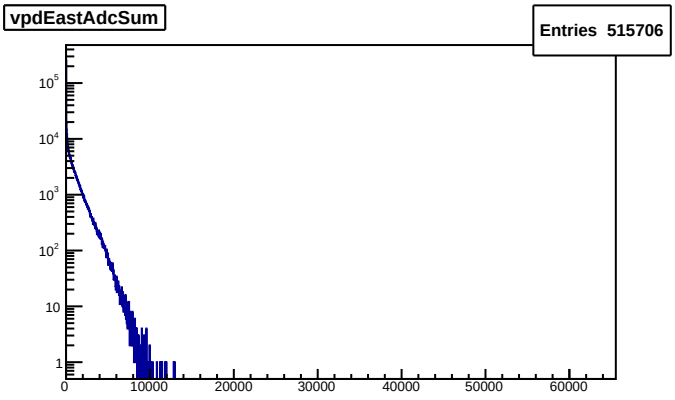
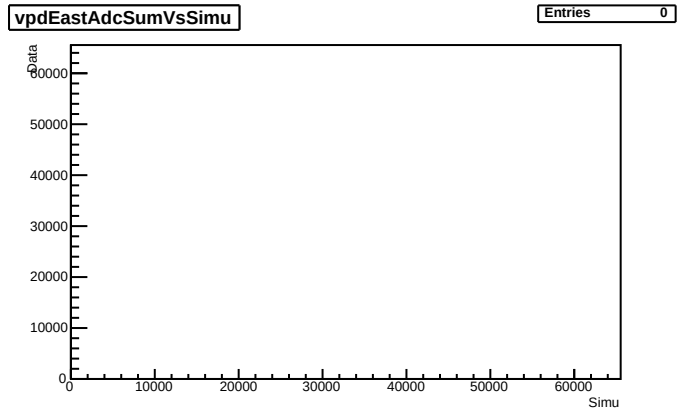
Entries 0
Data
Simu


vpdEastAdcSum
Entries 515706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Entries 0
Data
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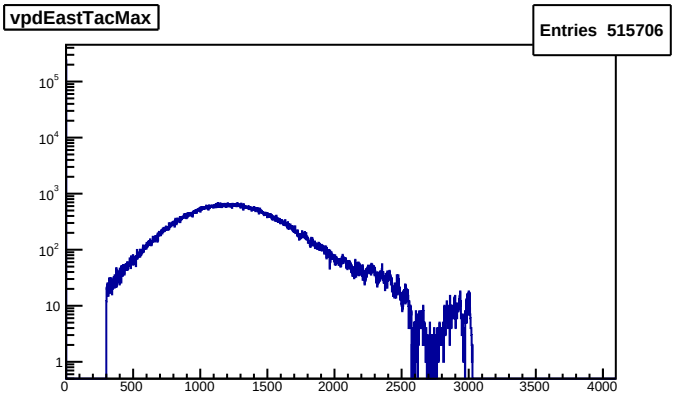
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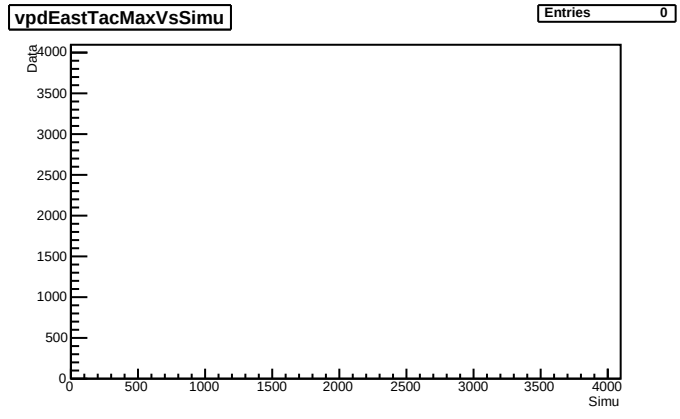
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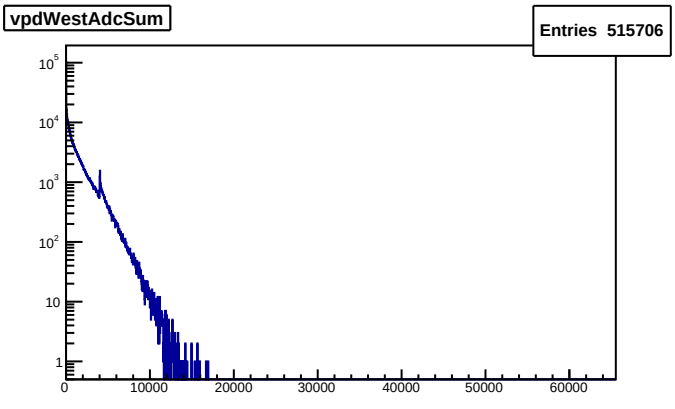
Entries 0
Data
Simu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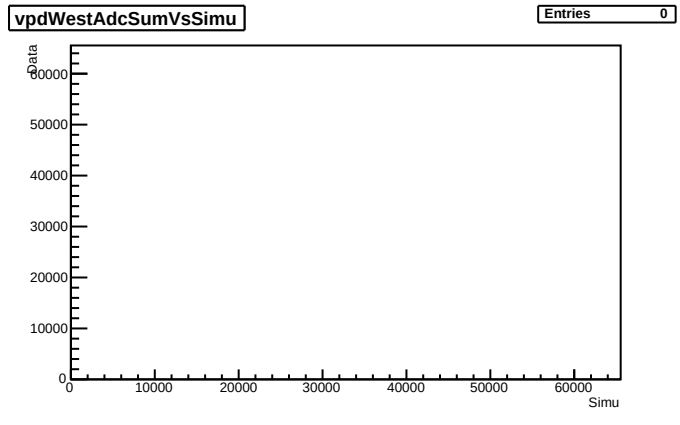
Entries 515706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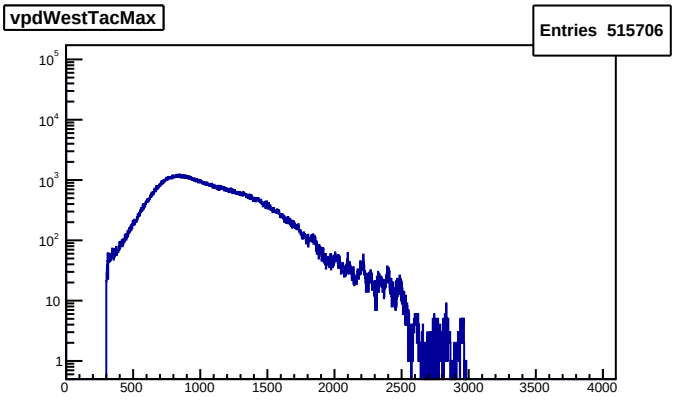
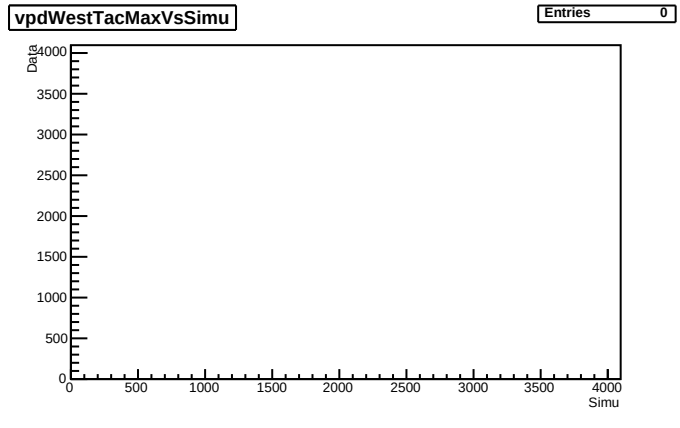
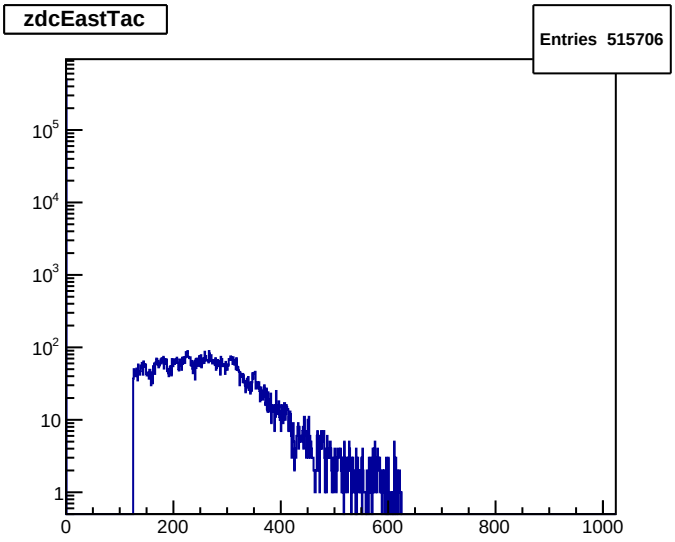
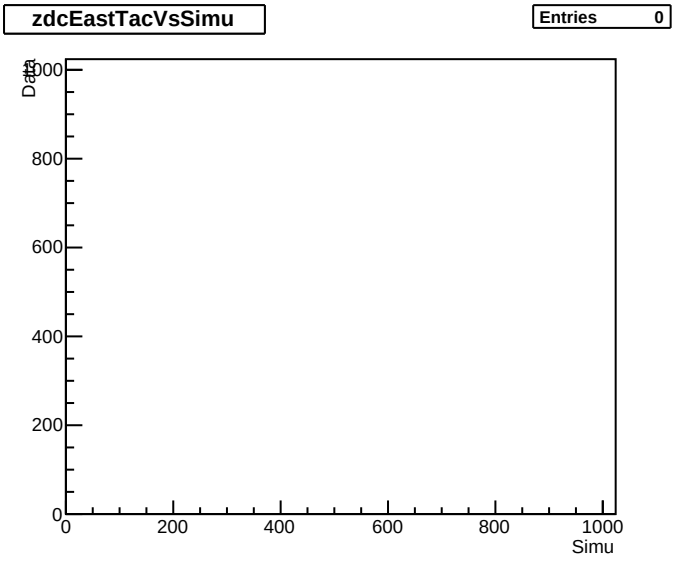
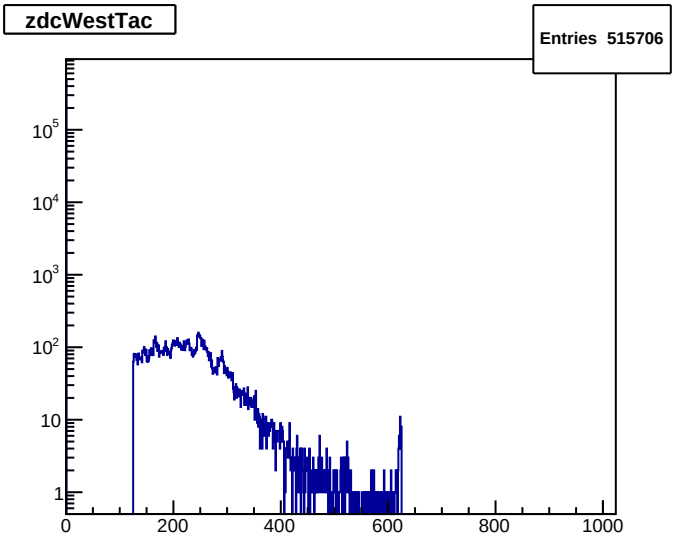
Entries 0
Data
Simu

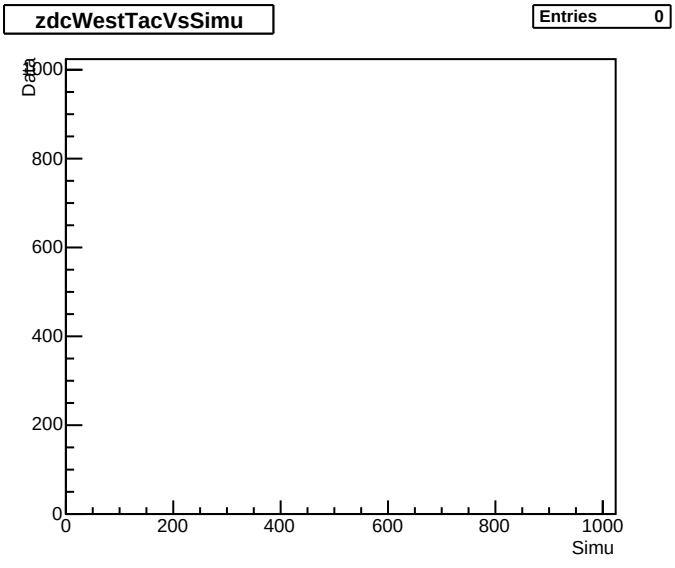

vpdWestTacMax
Entries 515706

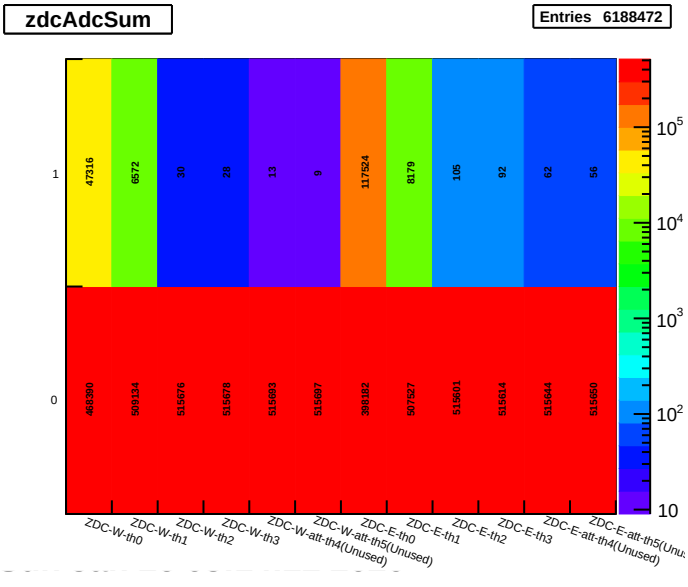

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

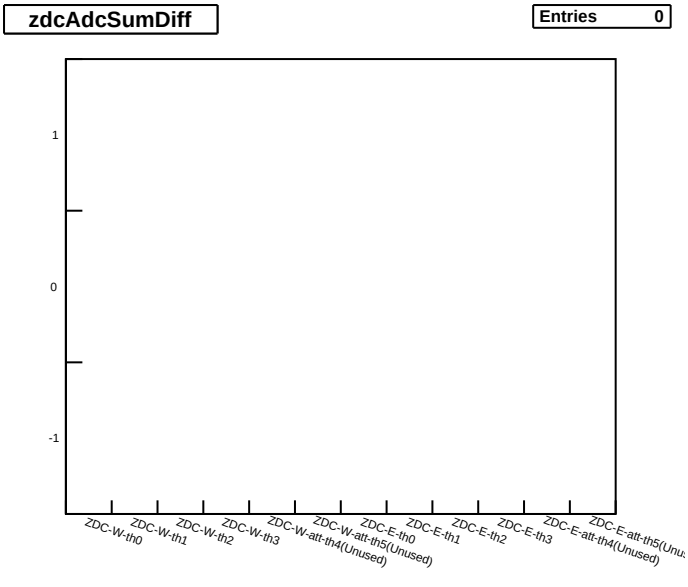

zdcEastTac
Entries 515706
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

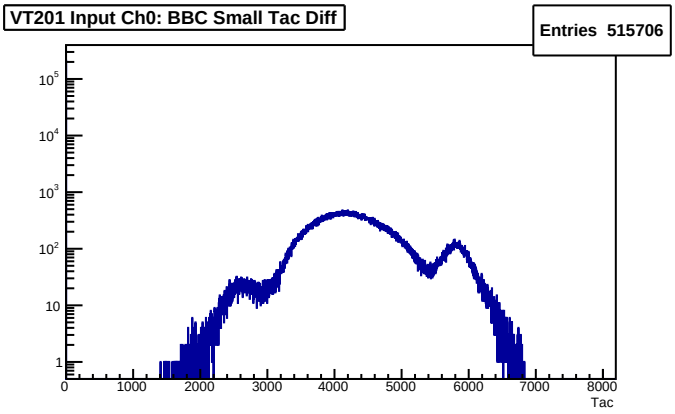

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

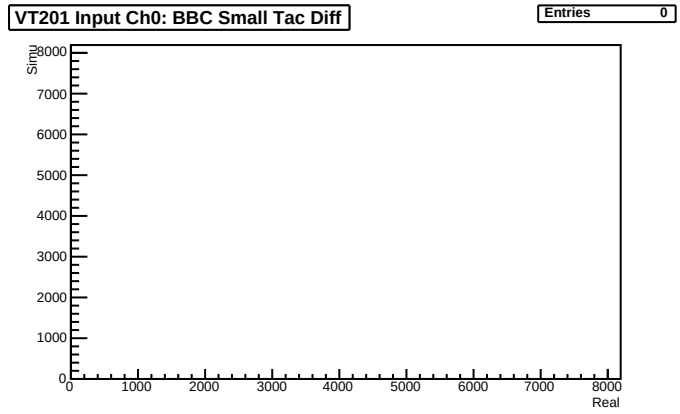

zdcWestTac
Entries 515706
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

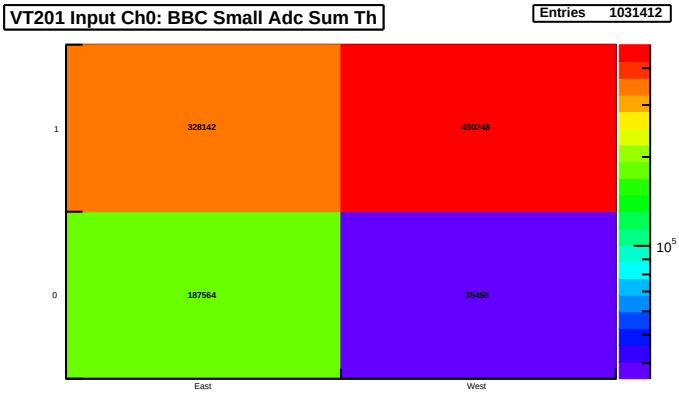

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

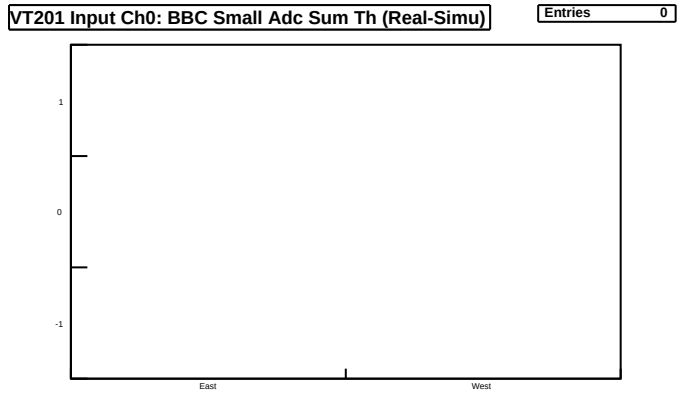

zdcAdcSum
Entries 6188472
1
0
47316
6572
30
28
13
9
117524
8179
105
92
62
56
468390
509134
515676
515678
515693
515697
398182
507527
515601
515614
515644
515660
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

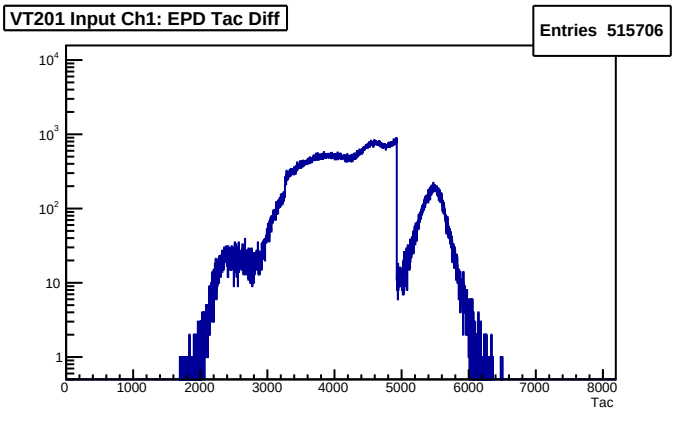

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

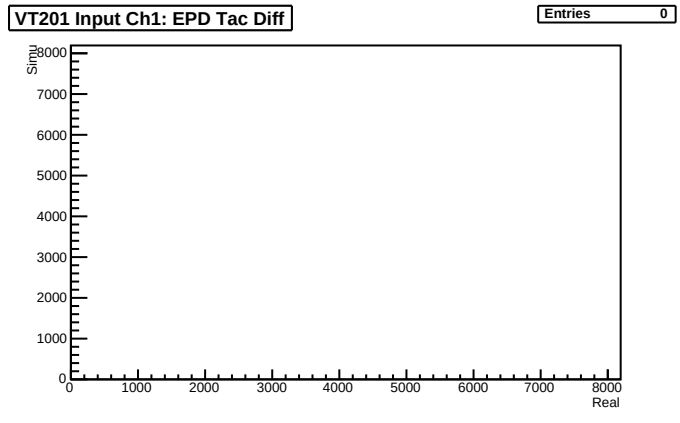

VT201 Input Ch0: BBC Small Tac Diff
Entries 515706
Tac

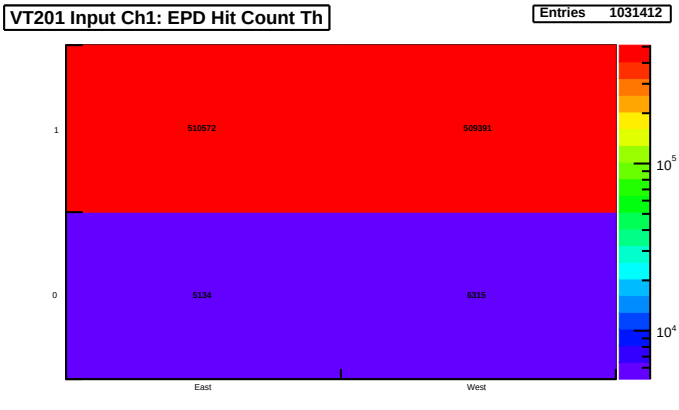

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

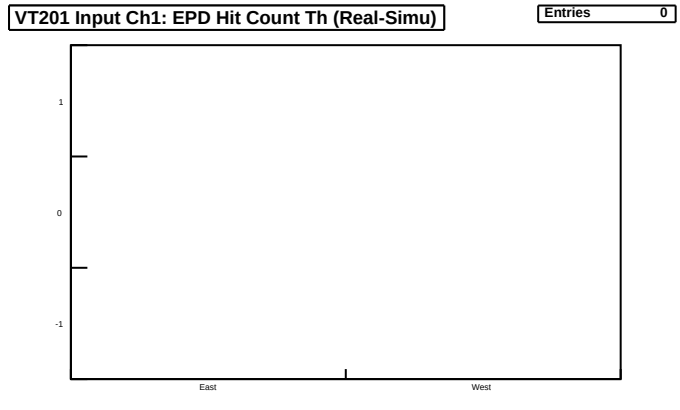

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1031412
328142
480248
187564
35458
East
West

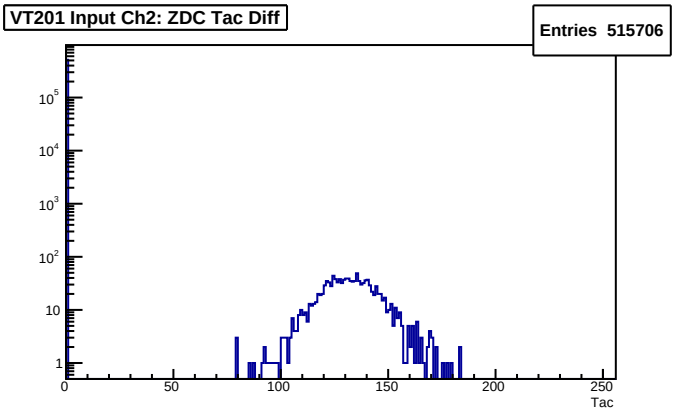

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

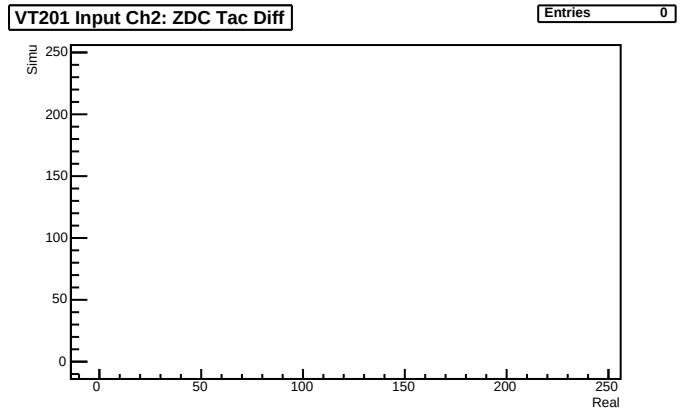

VT201 Input Ch1: EPD Tac Diff
Entries 515706
Tac

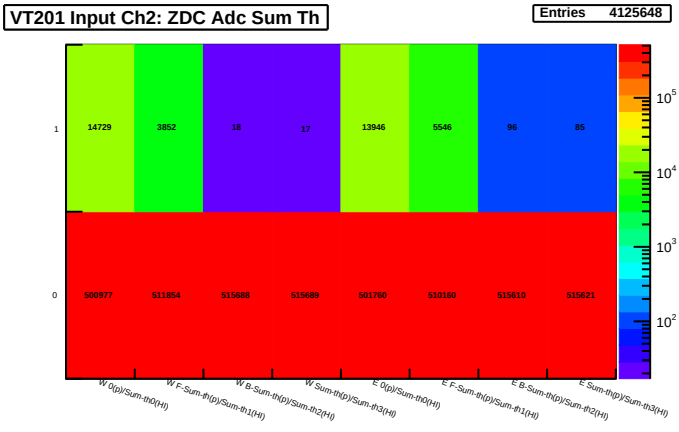

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

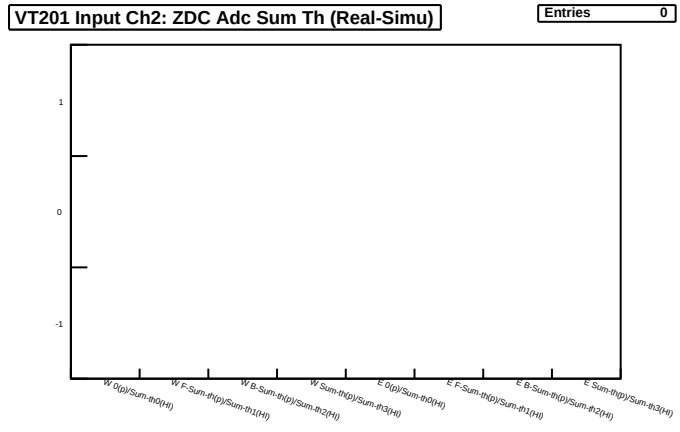

VT201 Input Ch1: EPD Hit Count Th
Entries 1031412
510572
509391
5134
6315
East
West

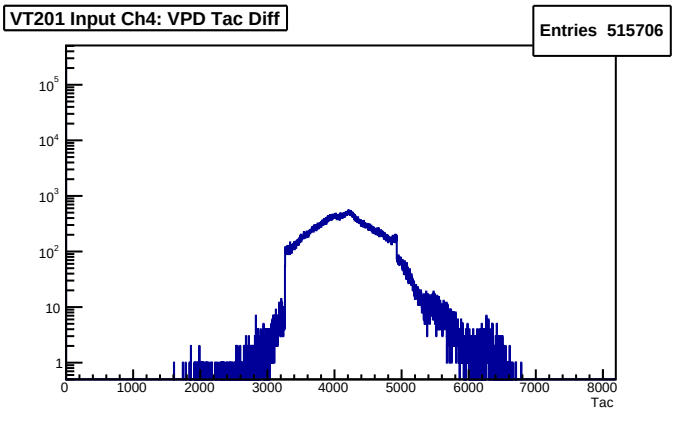

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

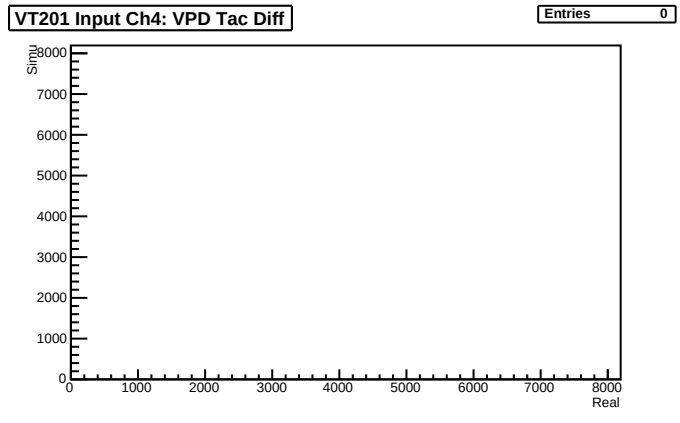

VT201 Input Ch2: ZDC Tac Diff
Entries 515706
Tac

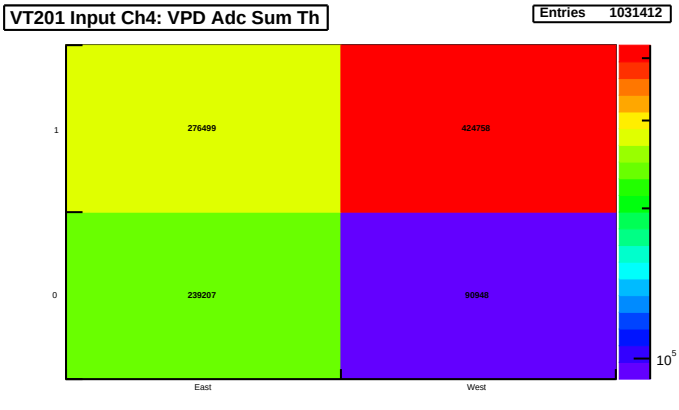

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

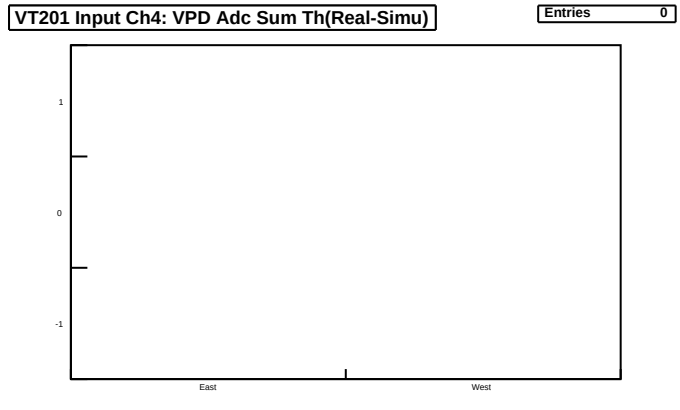

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4125648
14729
3852
18
17
13946
5546
96
85
500977
511854
515688
515689
501760
510160
515610
515621
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

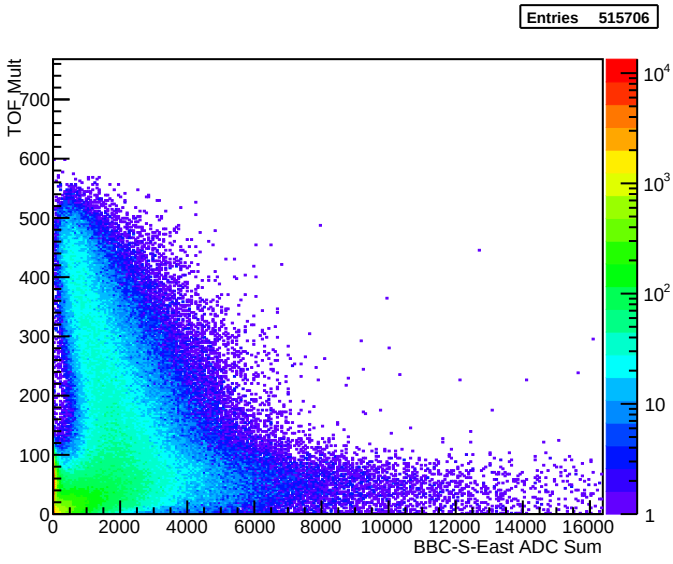

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

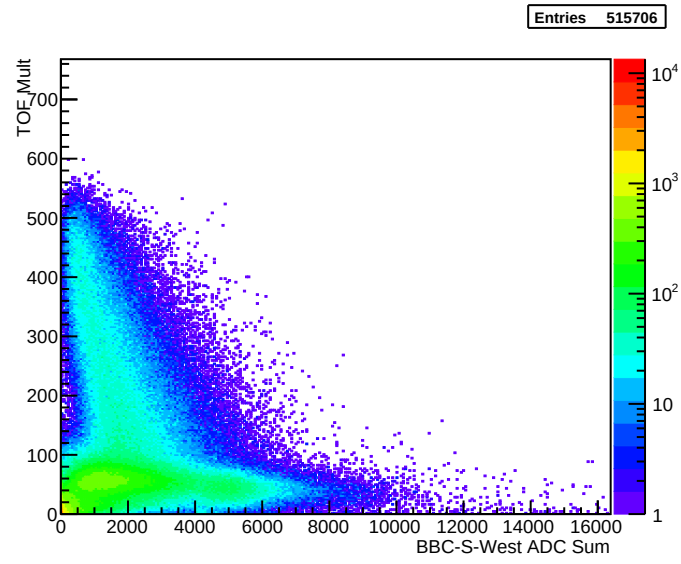

VT201 Input Ch4: VPD Tac Diff
Entries 515706
Tac

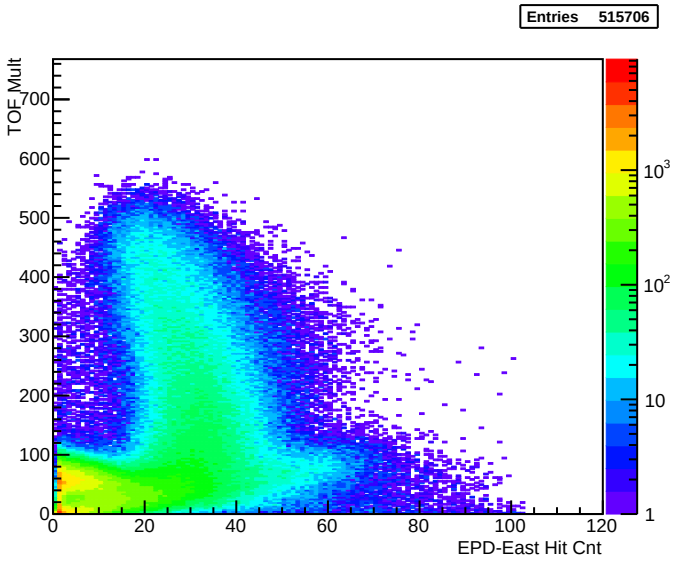

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

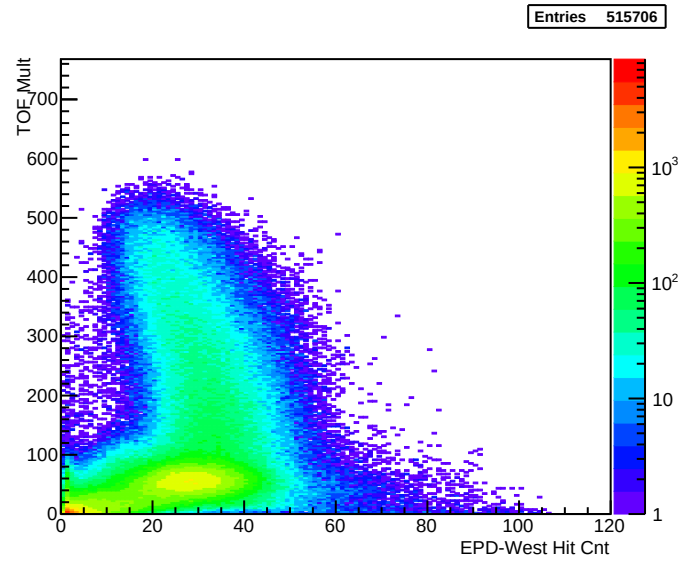

VT201 Input Ch4: VPD Adc Sum Th
Entries 1031412
276499
424758
239207
90948
East
West

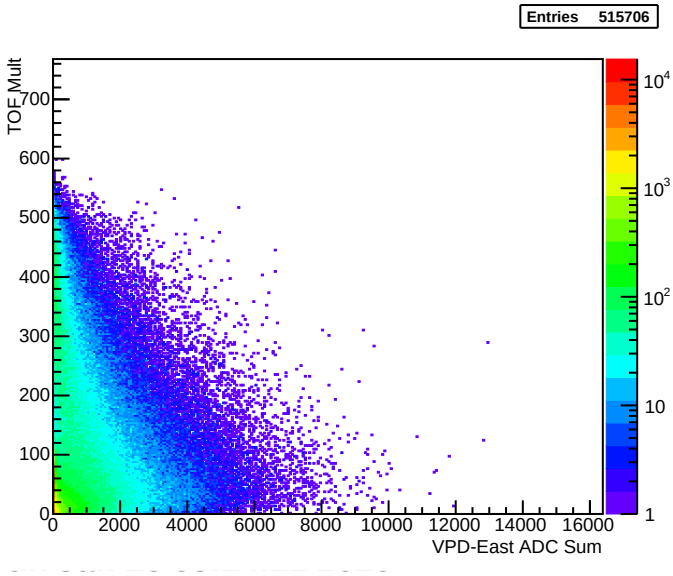

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

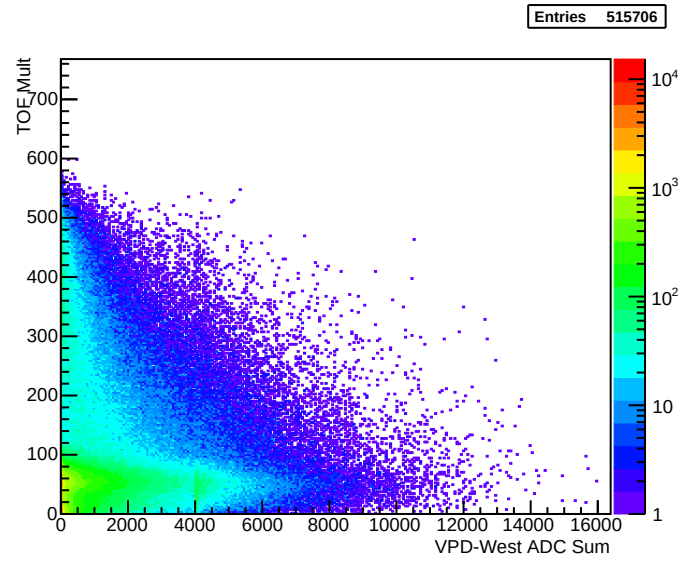

Entries 515706
TOF_Mult
BBC-S-East ADC Sum

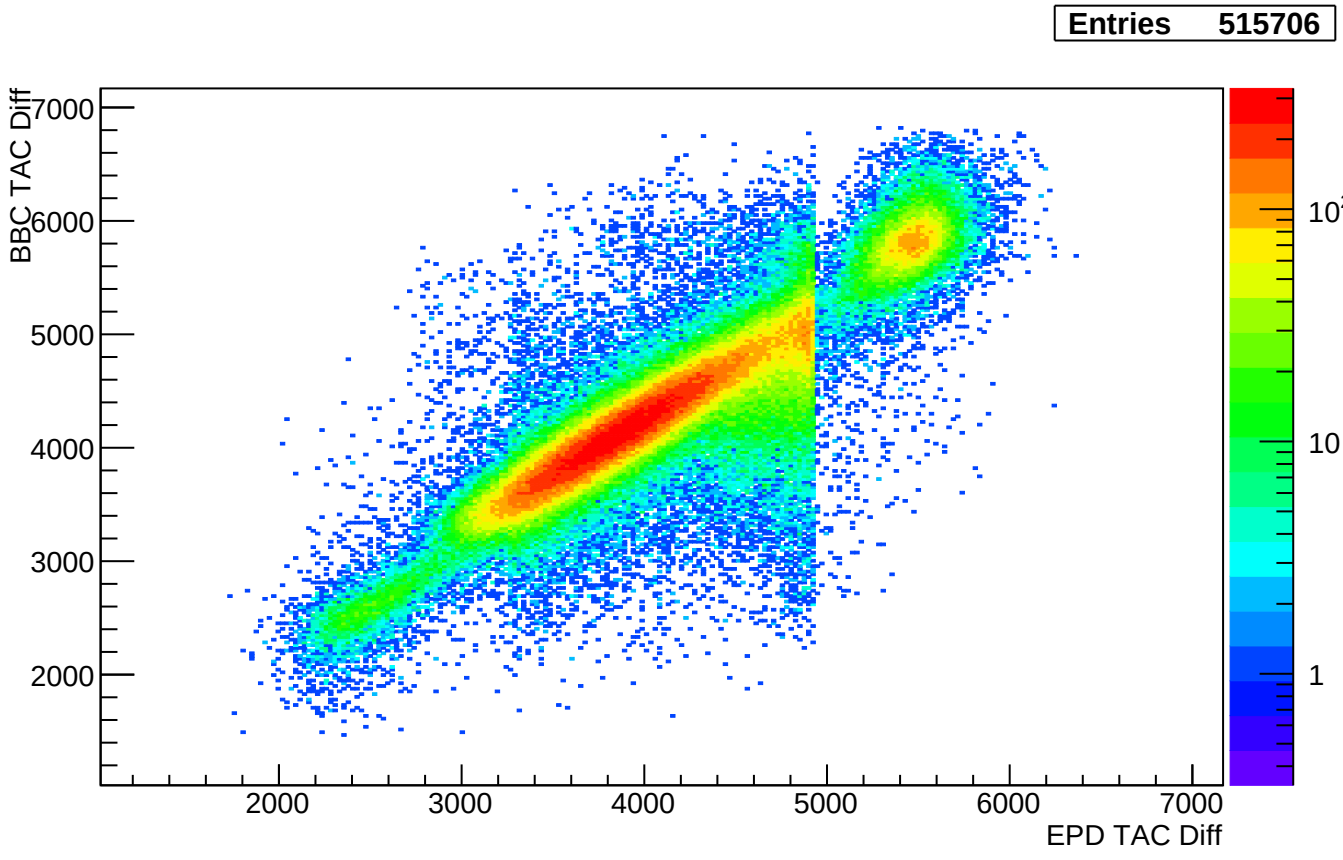

Entries 515706
TOF_Mult
BBC-S-West ADC Sum

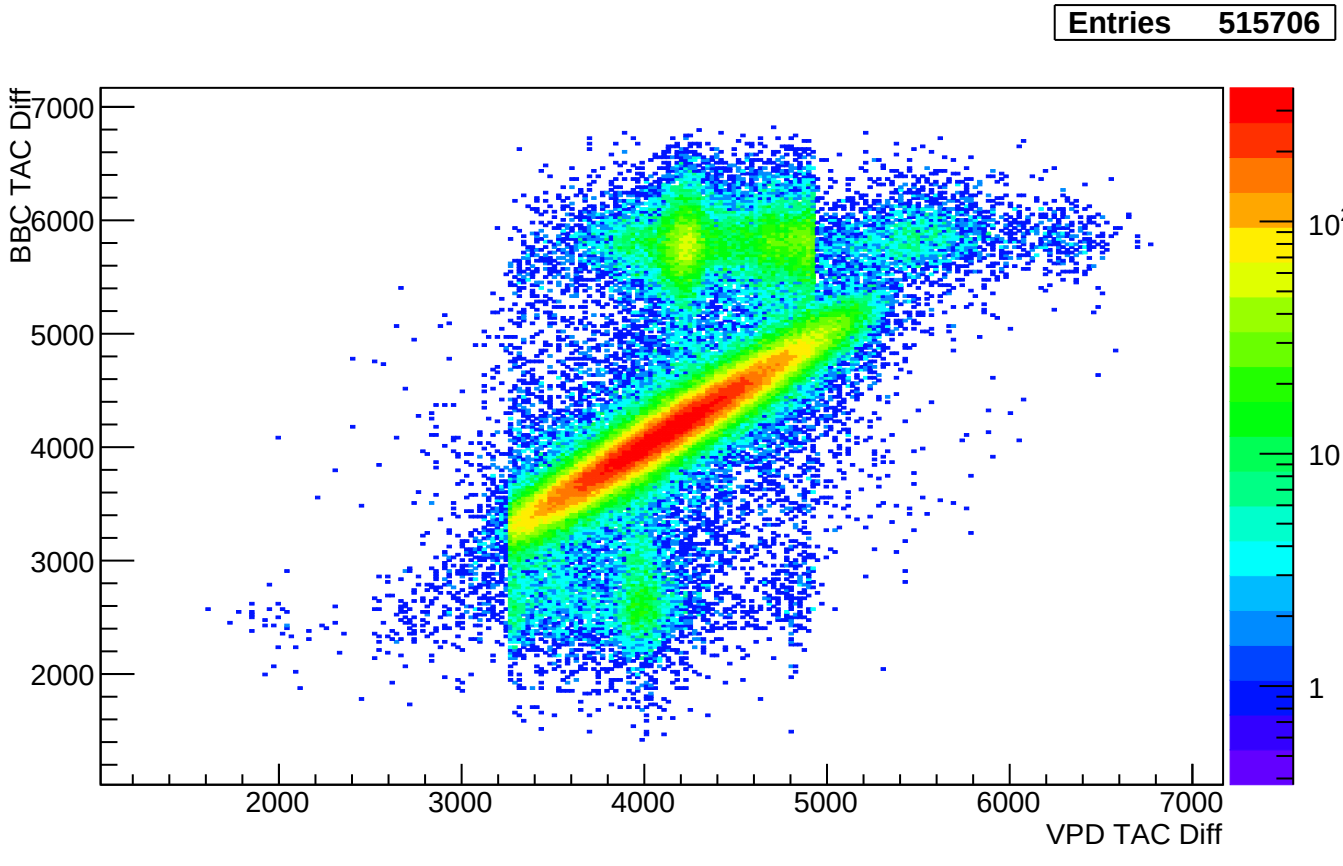

Entries 515706
TOF_Mult
EPD-East Hit Cnt

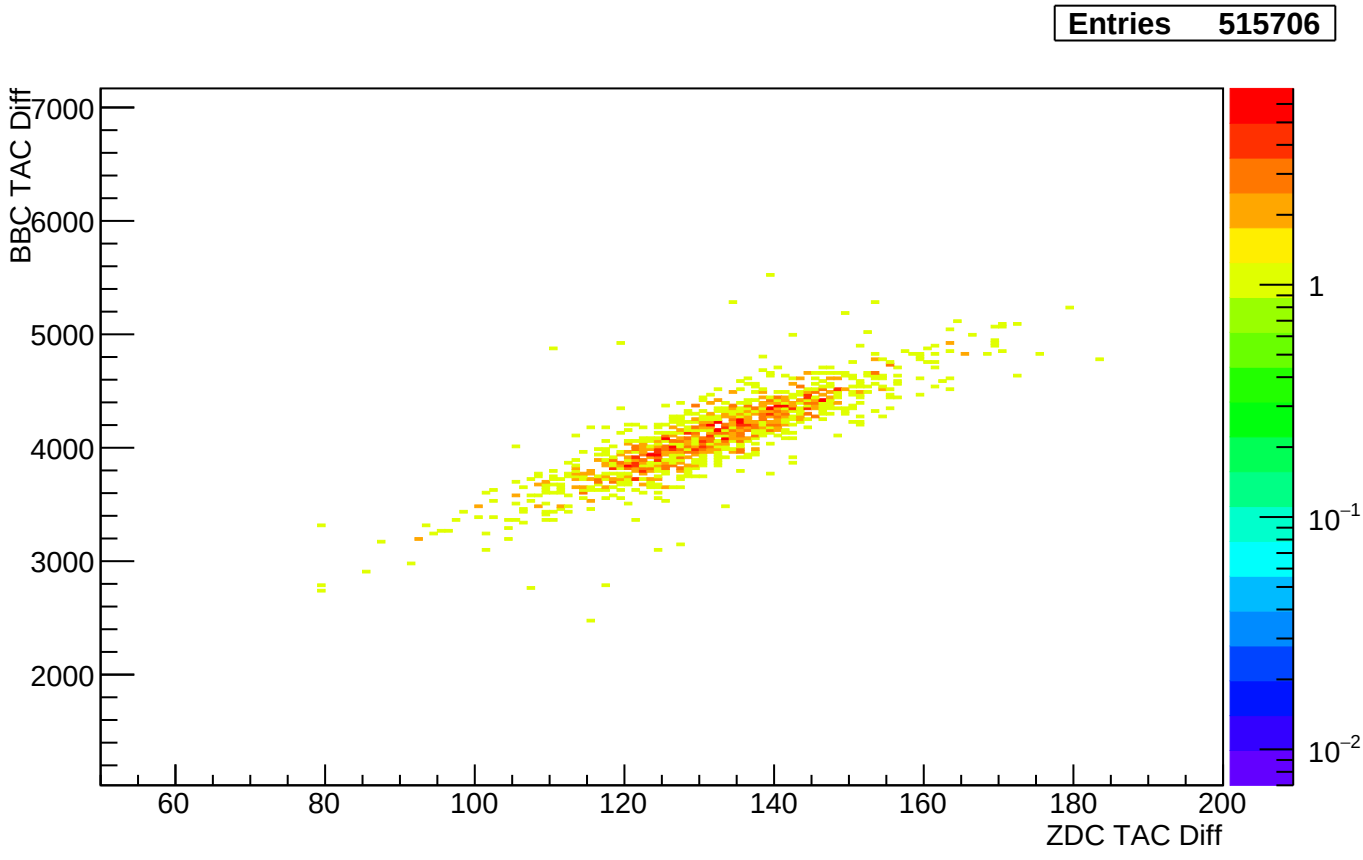

Entries 515706
TOF_Mult
EPD-West Hit Cnt

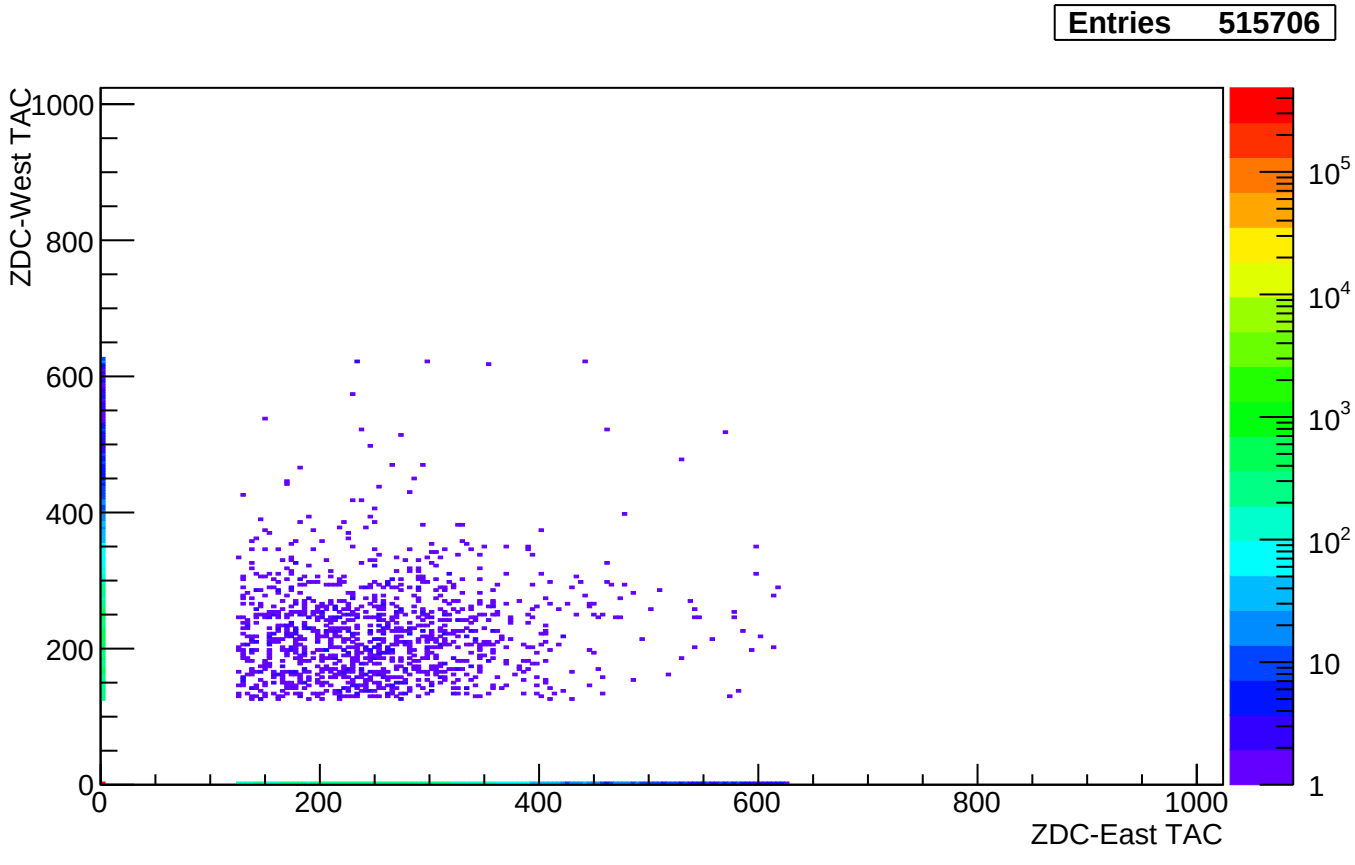

Entries 515706
TOF_Mult
VPD-East ADC Sum

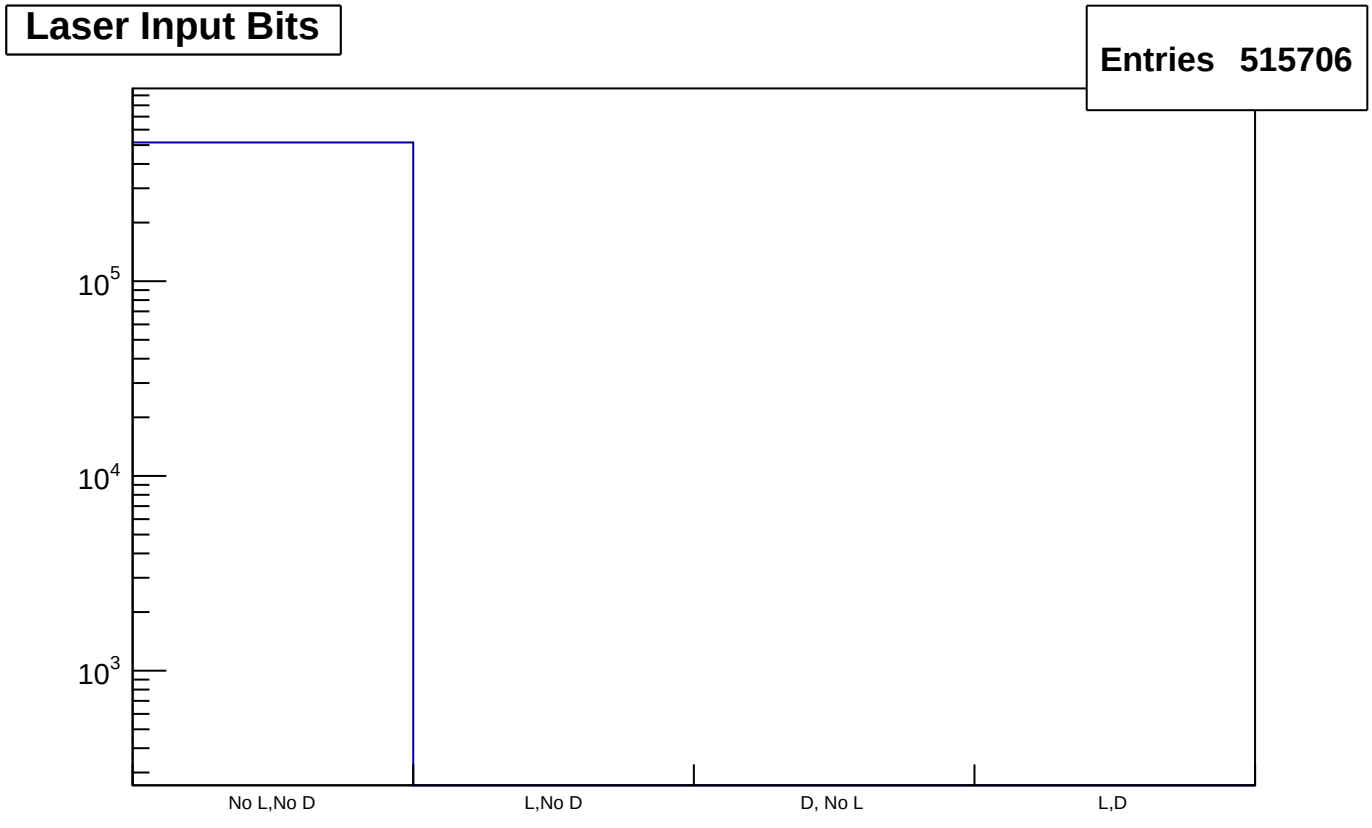

Entries 515706
TOF_Mult
VPD-West ADC Sum

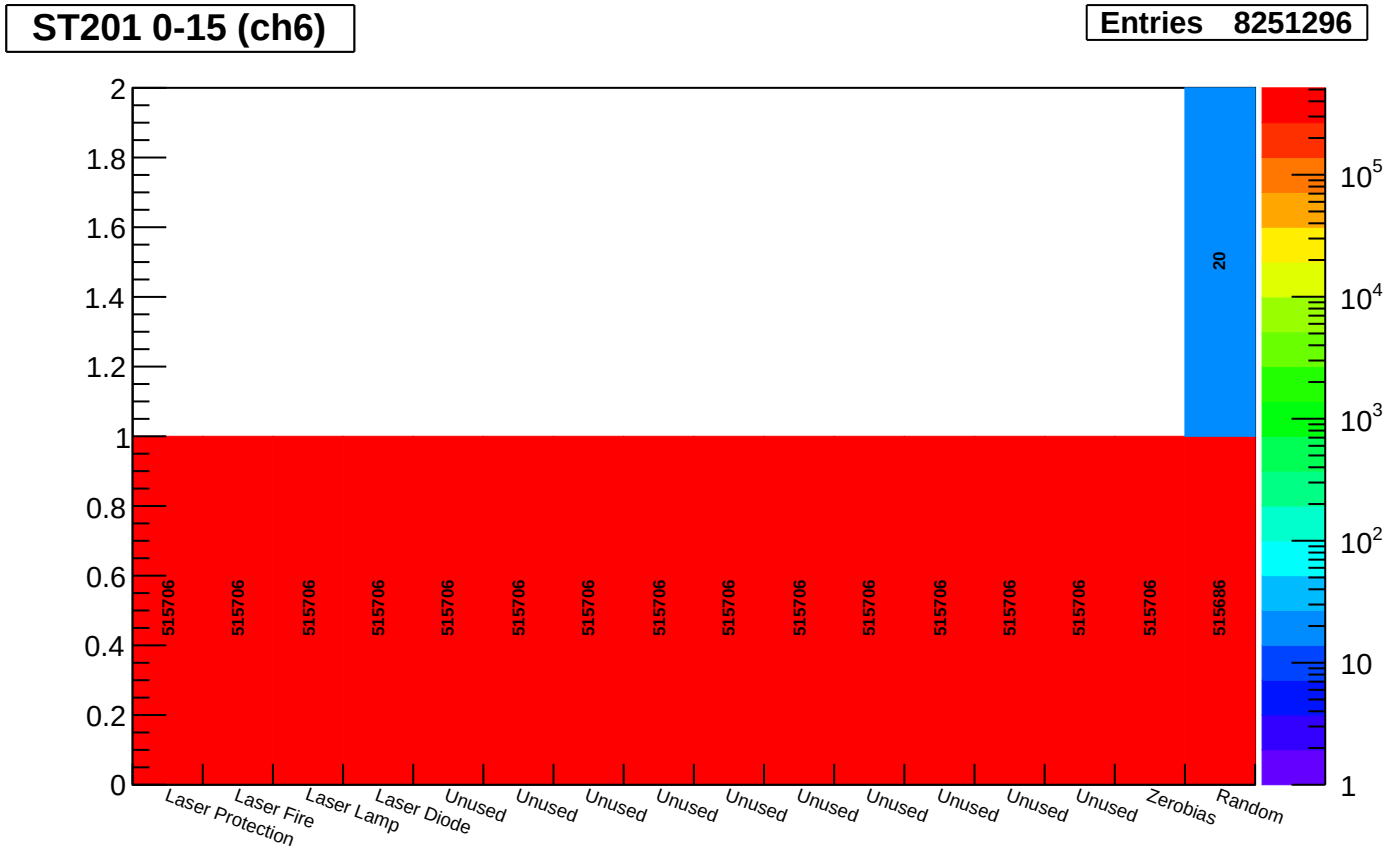

Entries 515706
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

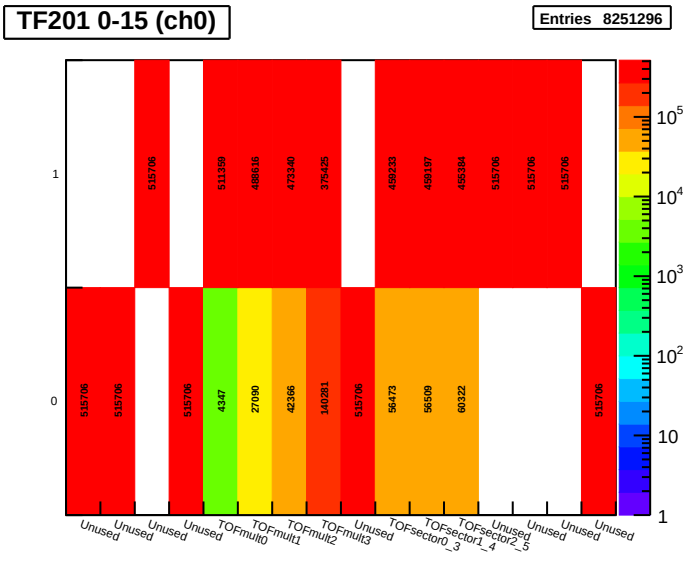

Entries 515706
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

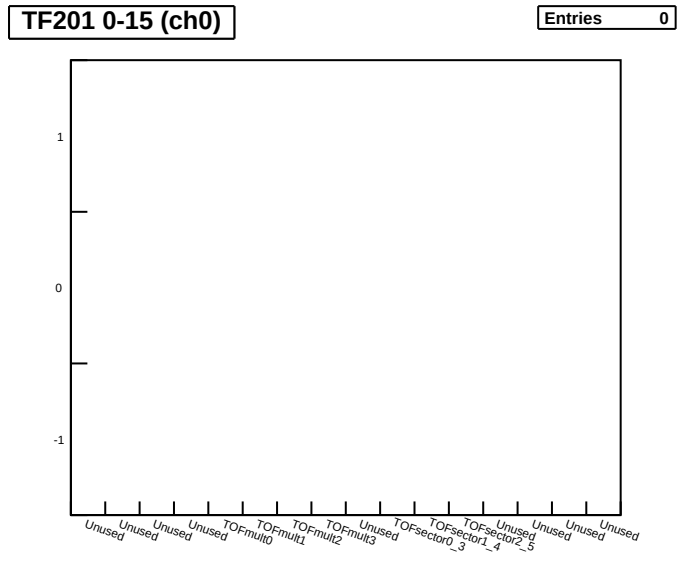

Entries 515706
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

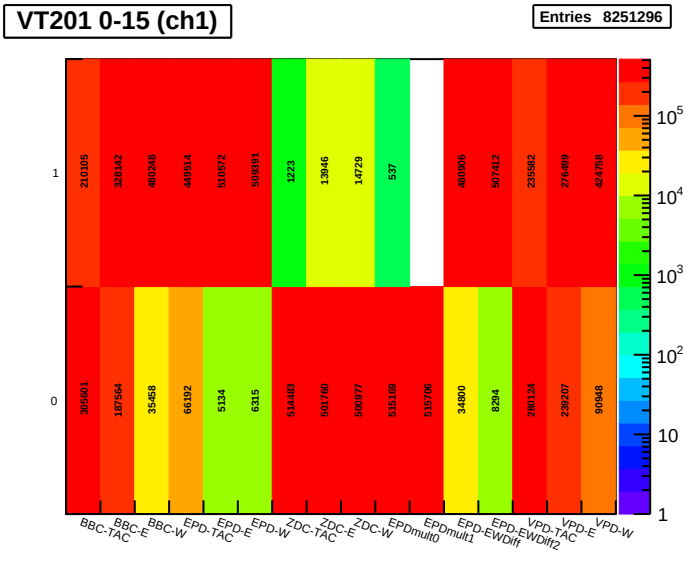

Entries 515706
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

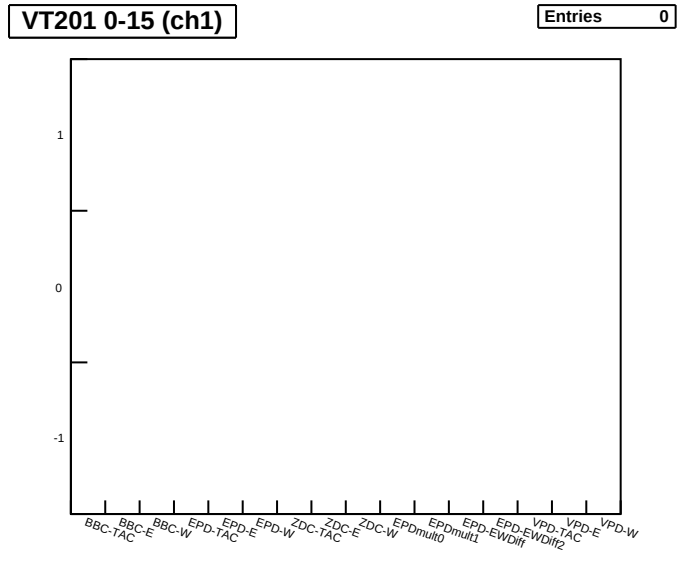

Laser Input Bits
Entries 515706
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

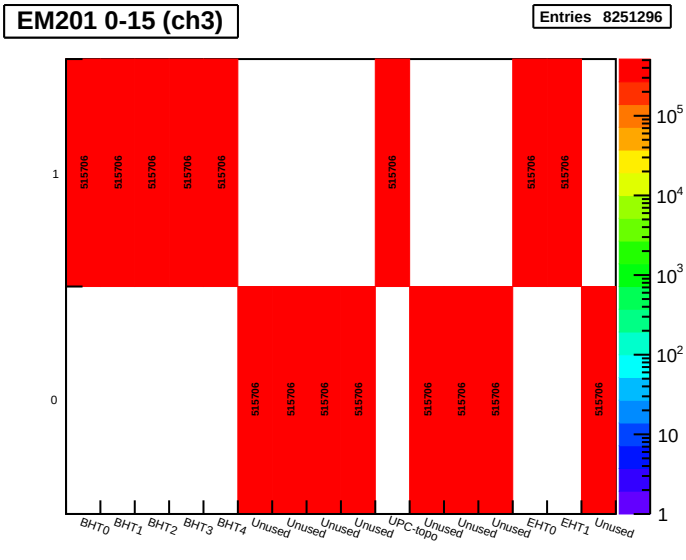

ST201 0-15 (ch6)
Entries 8251296
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
20
515706
515686
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

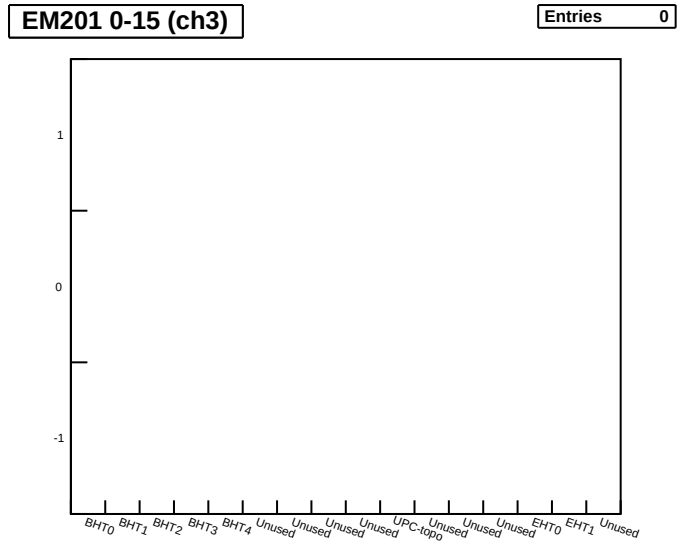

TF201 0-15 (ch0)
Entries 8251296
1
0
515706 511359 488616 473340 375425 459233 459197 455384 515706 515706 515706
515706 515706 515706 4347 27090 42366 140281 515706 56473 56509 60322 515706
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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


VT201 0-15 (ch1)
Entries 8251296
1
0
210105 328142 480248 449514 510572 509391 1223 13946 14729 537 480906 507412 235582 276499 424758
305601 187564 35458 66192 5134 6315 514483 501760 500977 515169 515706 34800 8294 288124 239207 90948
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 8251296
1
0
515706 515706 515706 515706 515706 515706 515706 515706
515706 515706 515706 515706 515706 515706 515706 515706
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