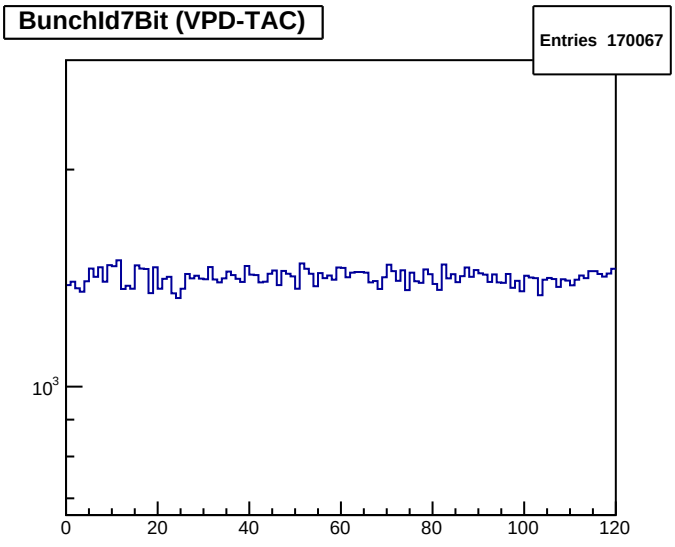
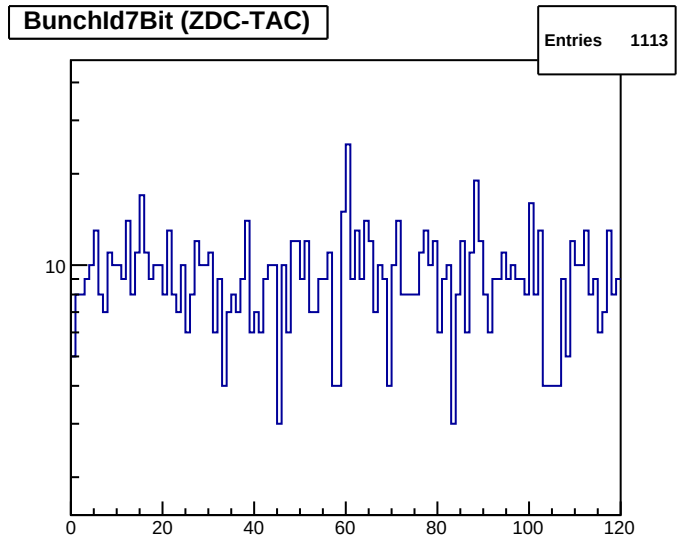
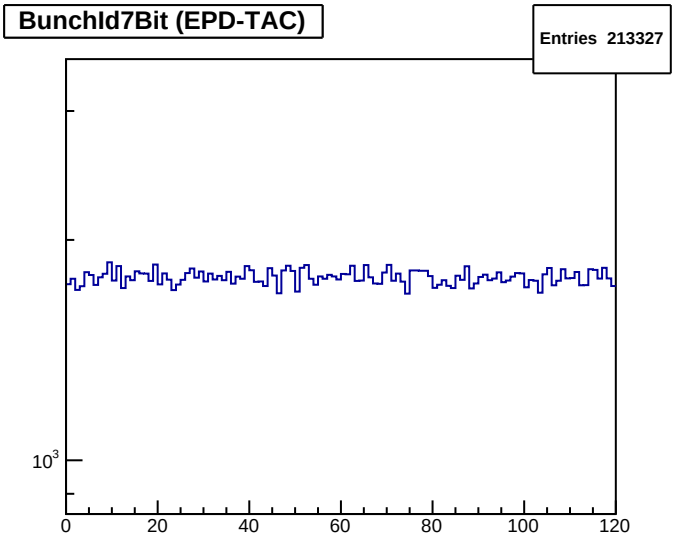
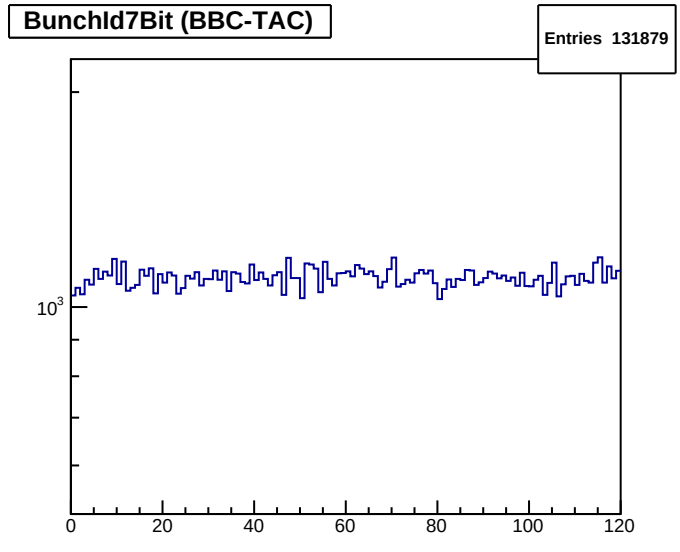
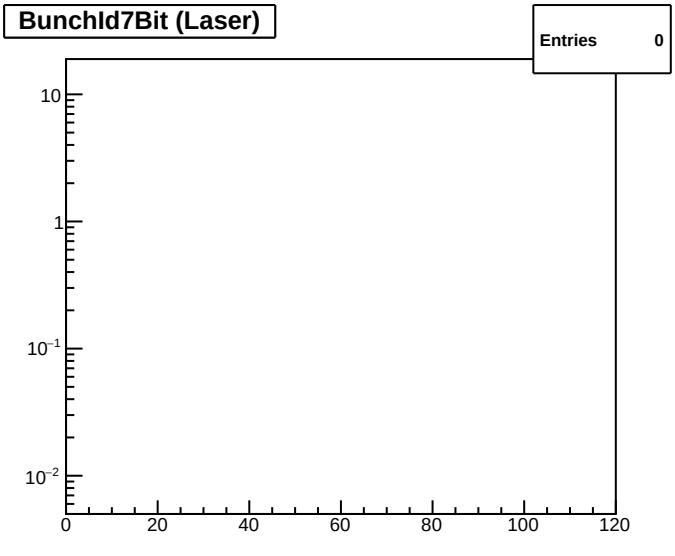
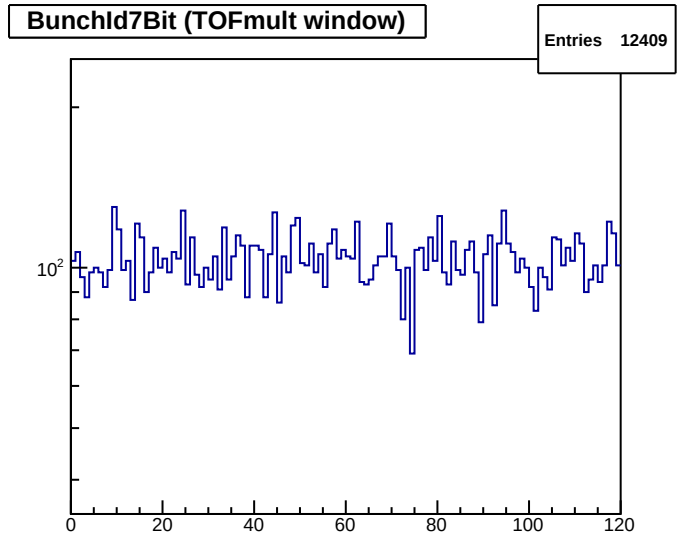

BunchId7Bit (VPD-TAC)
Entries 170067
10^3
0 20 40 60 80 100 120

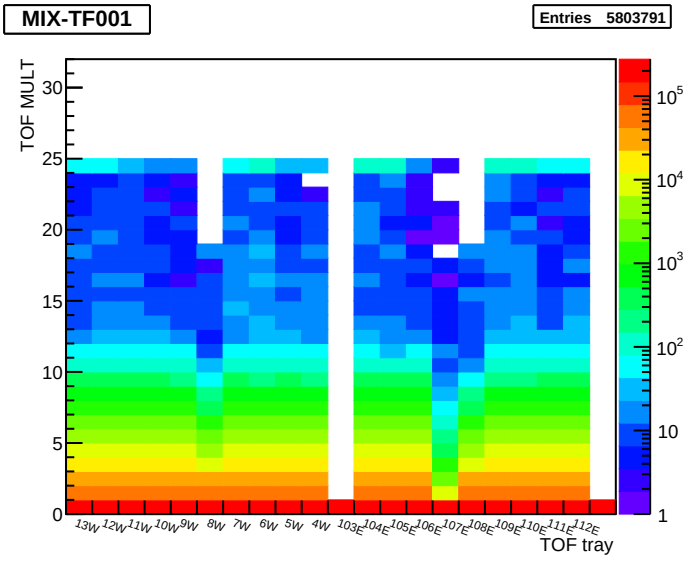

BunchId7Bit (ZDC-TAC)
Entries 1113
10
0 20 40 60 80 100 120

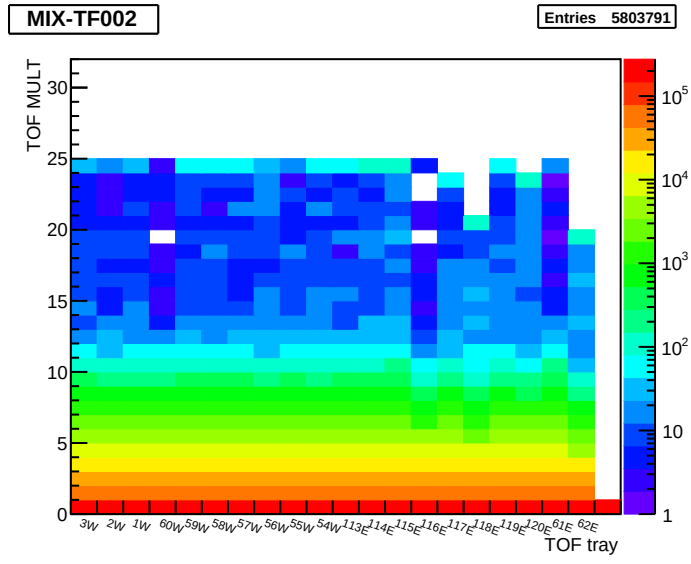

BunchId7Bit (EPD-TAC)
Entries 213327
10^3
0 20 40 60 80 100 120

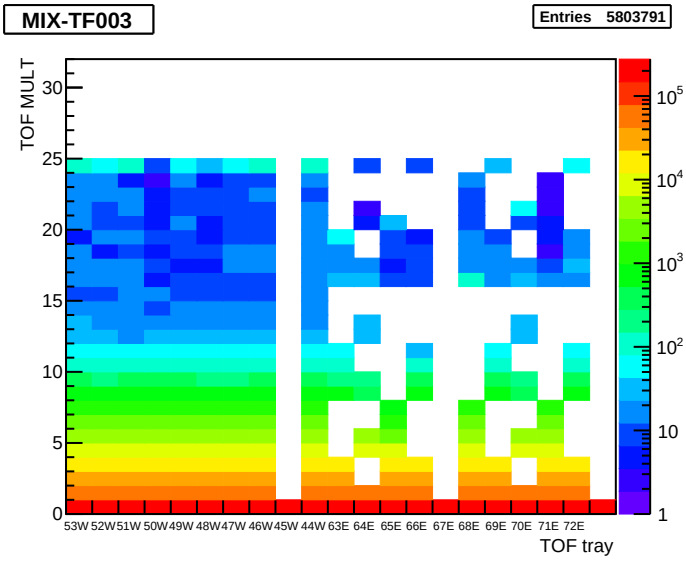

BunchId7Bit (BBC-TAC)
Entries 131879
10^3
0 20 40 60 80 100 120

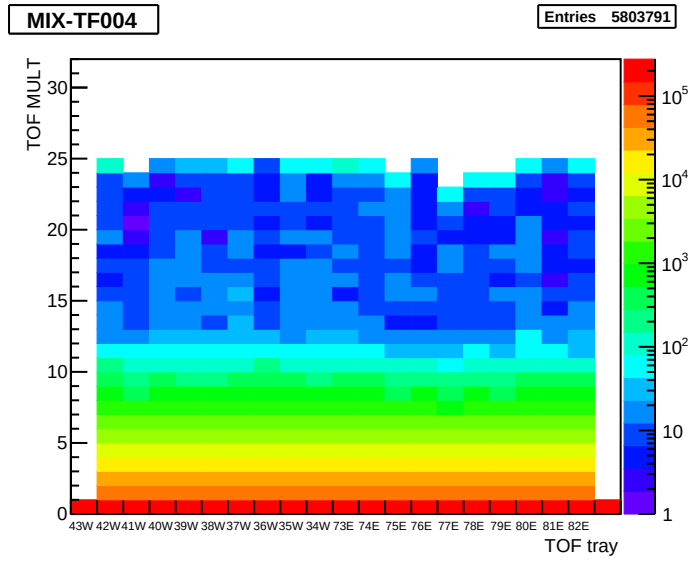

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

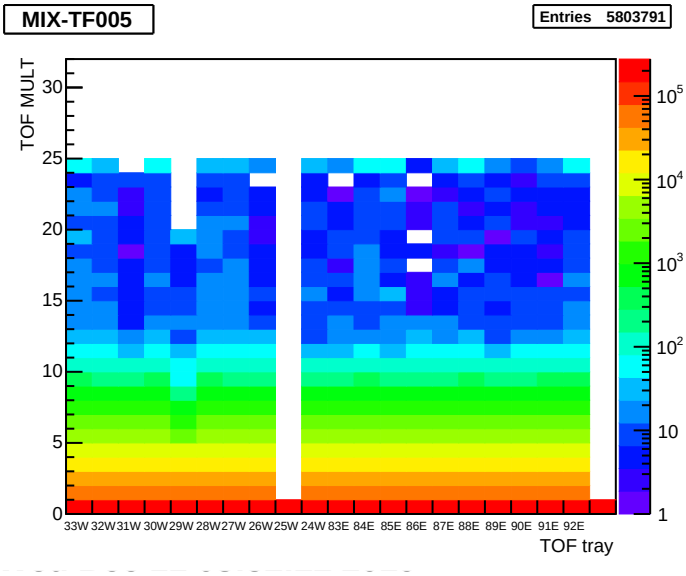

BunchId7Bit (TOFmult window)
Entries 12409
10^2
0 20 40 60 80 100 120

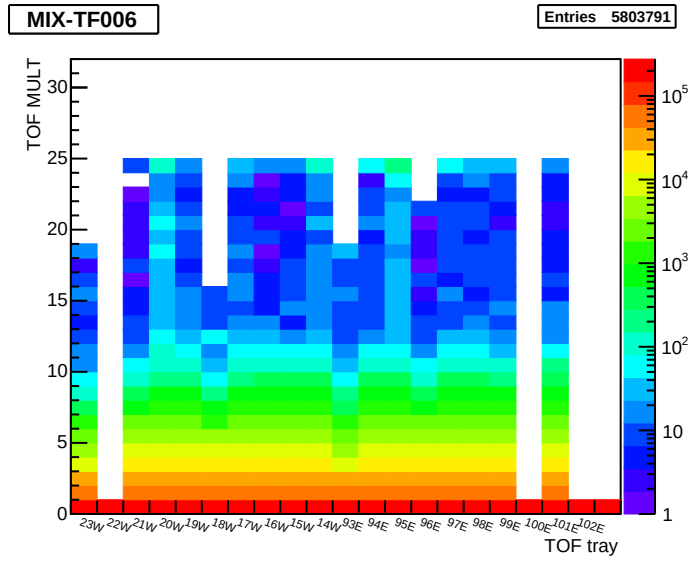

MIX-TF001
Entries 5803791
TOF MULT
TOF tray

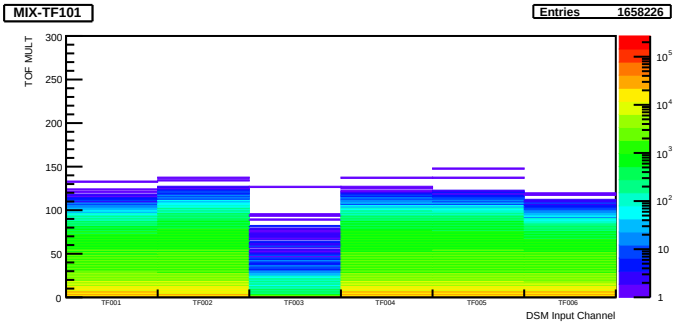

MIX-TF002
Entries 5803791
TOF MULT
TOF tray

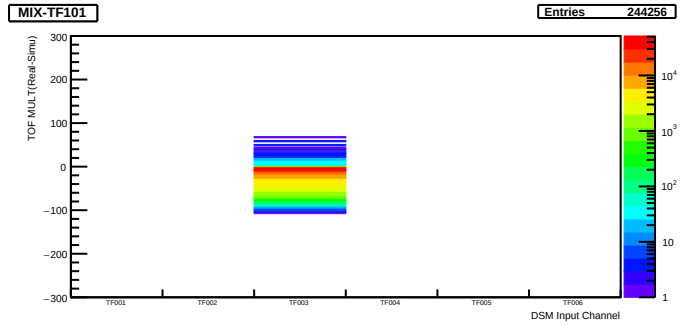

MIX-TF003
Entries 5803791
TOF MULT
TOF tray

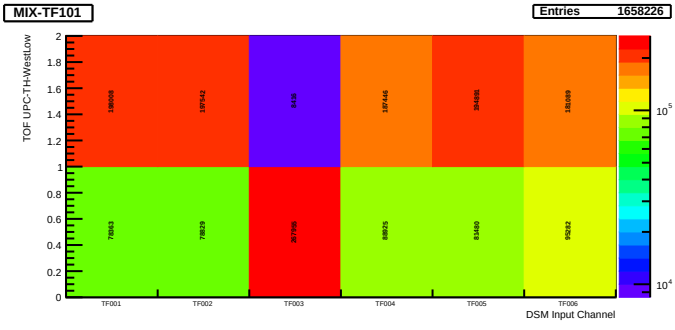

MIX-TF004
Entries 5803791
TOF MULT
TOF tray

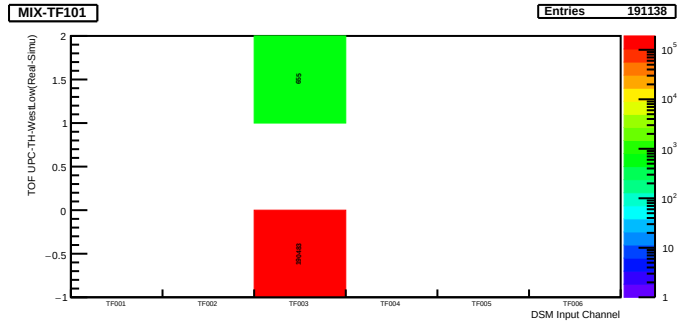

MIX-TF005
Entries 5803791
TOF MULT
TOF tray

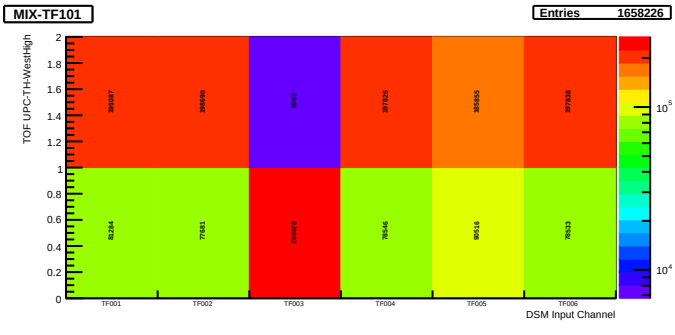

MIX-TF006
Entries 5803791
TOF MULT
TOF tray

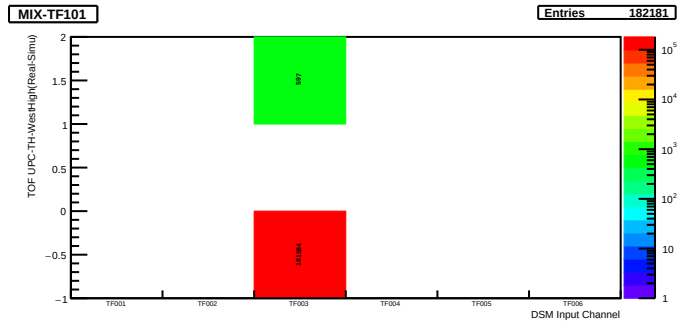

MIX-TF101
Entries 1658226
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

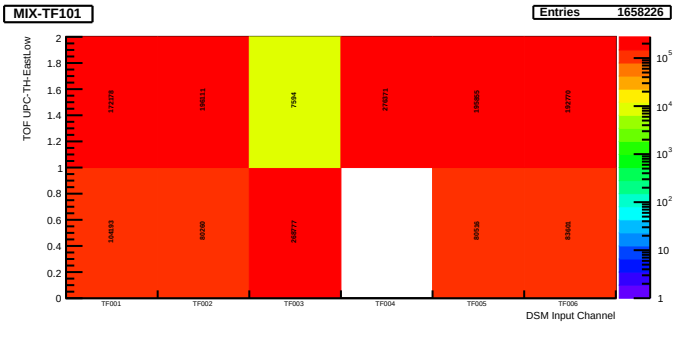

MIX-TF101
Entries 244256
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

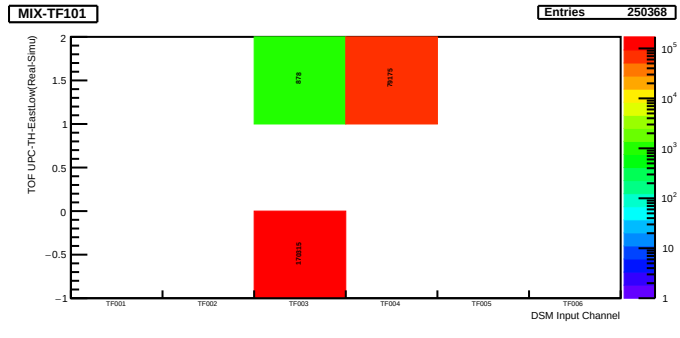

MIX-TF101
Entries 1658226
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

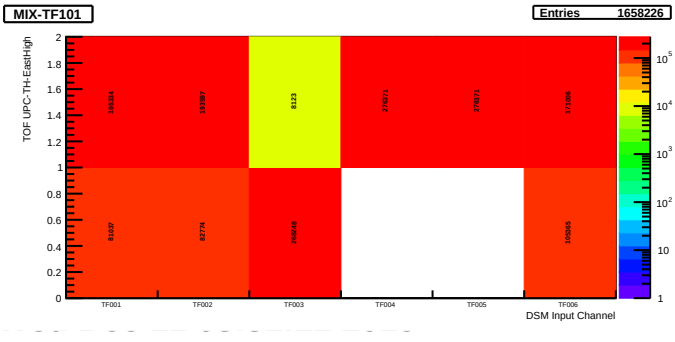

MIX-TF101
Entries 191138
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

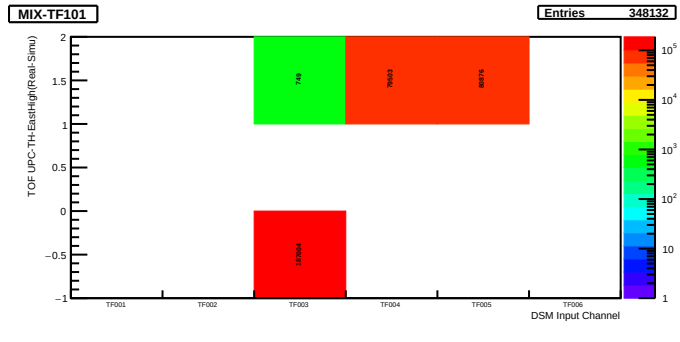

MIX-TF101
Entries 1658226
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

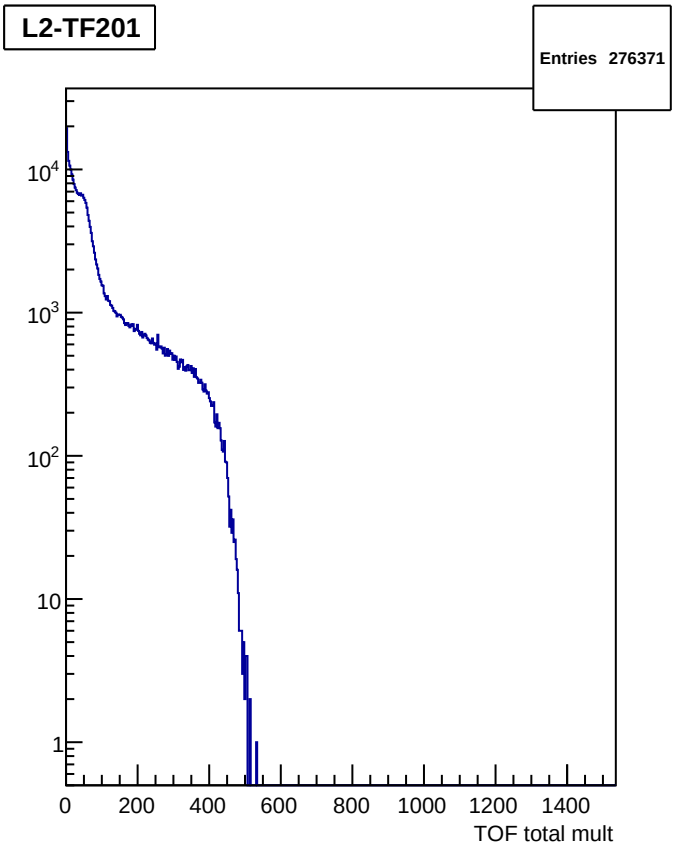

MIX-TF101
Entries 182181
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

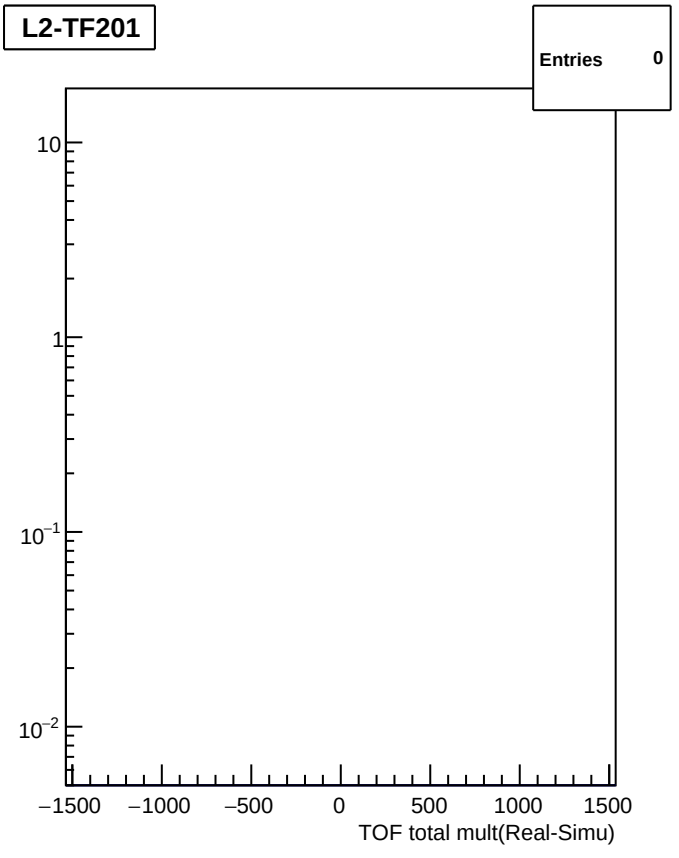

MIX-TF101
Entries 1658226
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

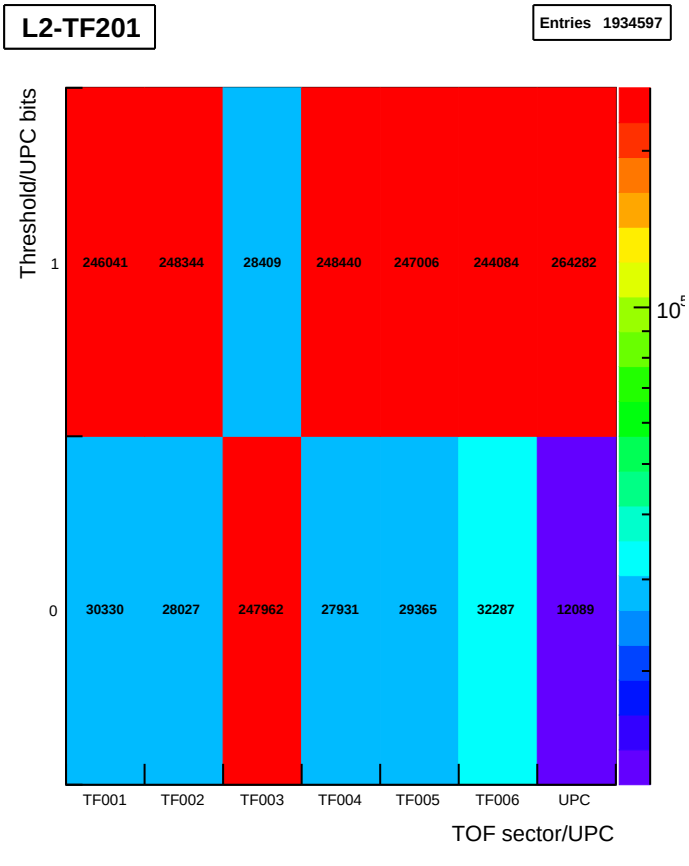

MIX-TF101
Entries 250368
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

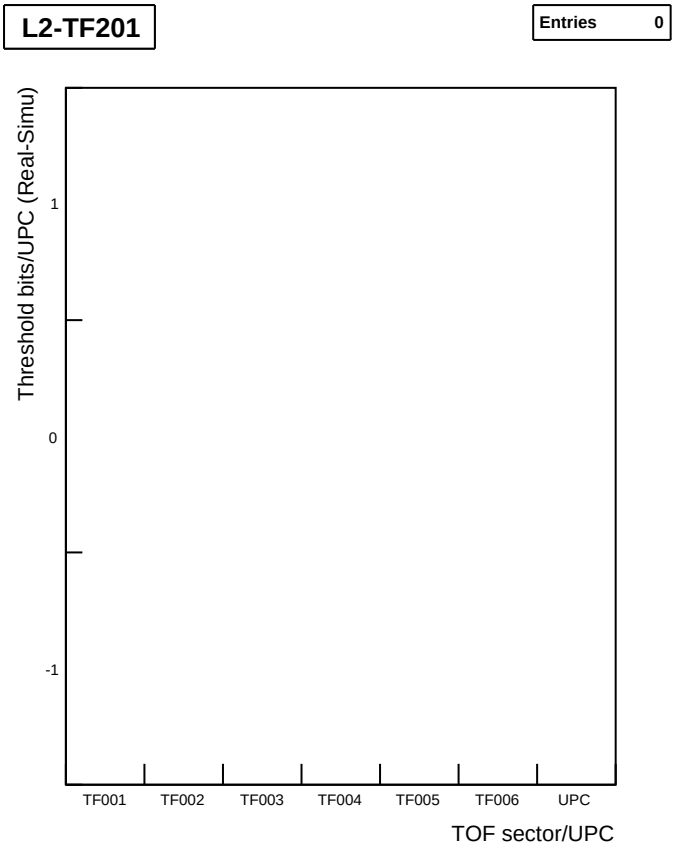

MIX-TF101
Entries 1658226
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

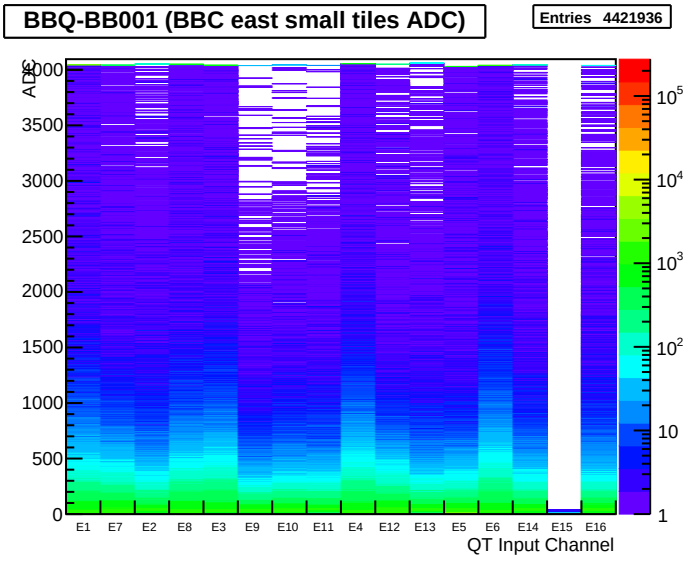

MIX-TF101
Entries 348132
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

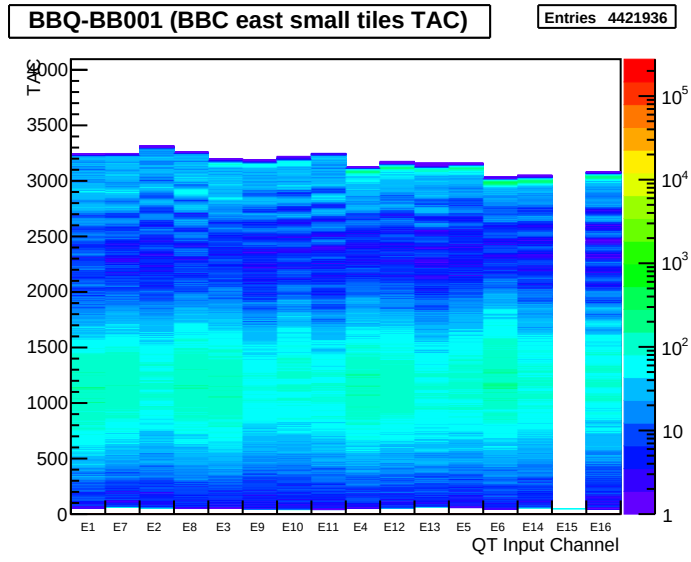

L2-TF201
Entries 276371
TOF total mult

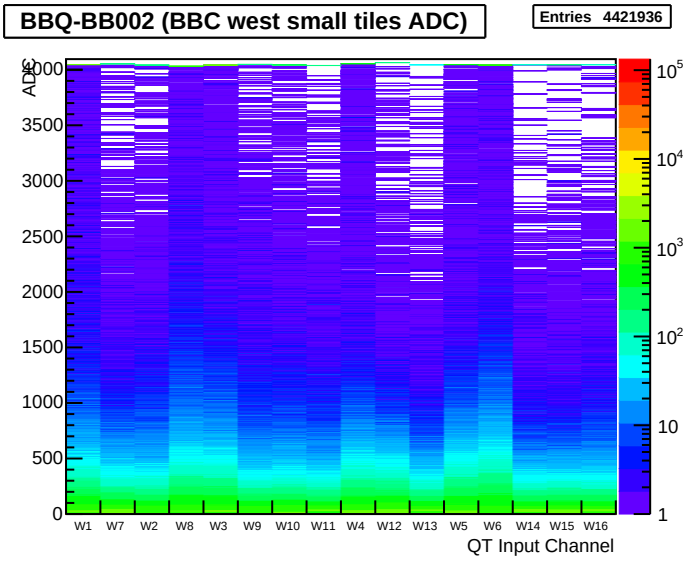

L2-TF201
Entries 0
TOF total mult(Real-Simu)

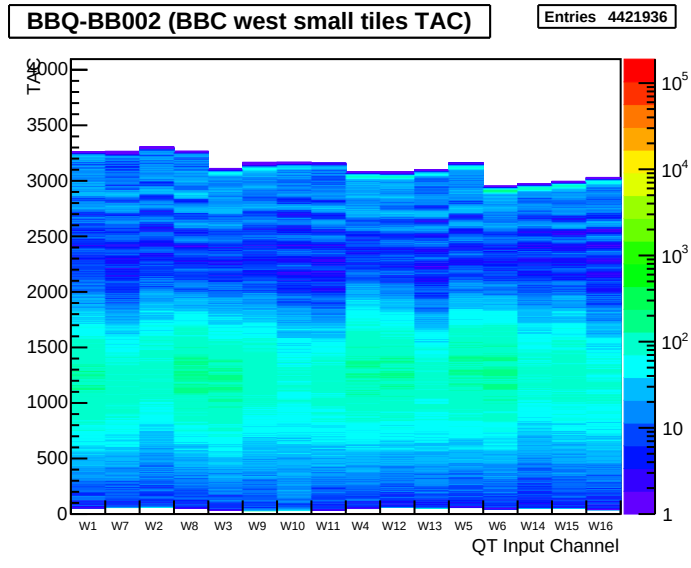

L2-TF201
Entries 1934597
Threshold/UPC bits
246041
248344
28409
248440
247006
244084
264282
30330
28027
247962
27931
29365
32287
12089
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

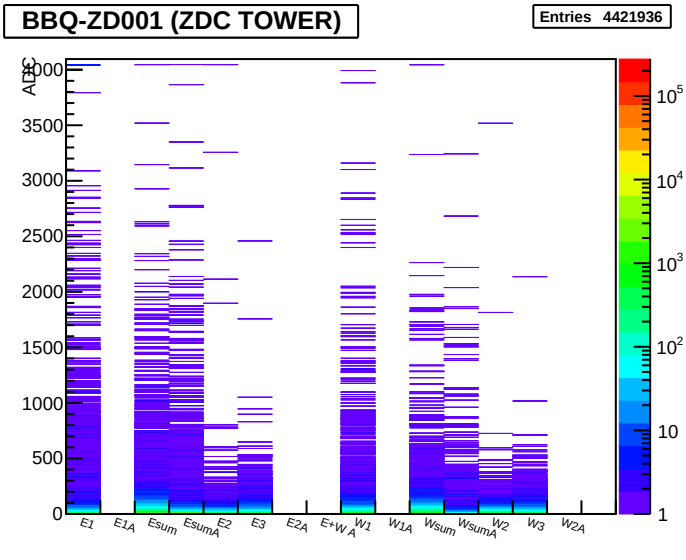

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

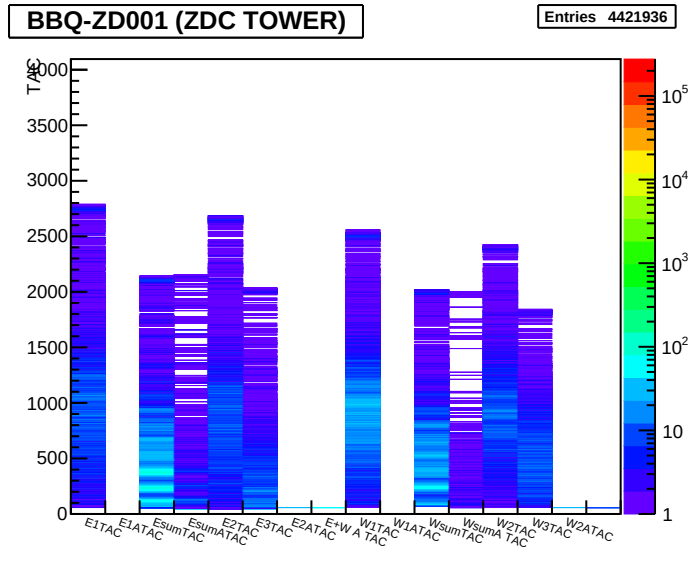

BBQ-BB001 (BBC east small tiles ADC)
Entries 4421936
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

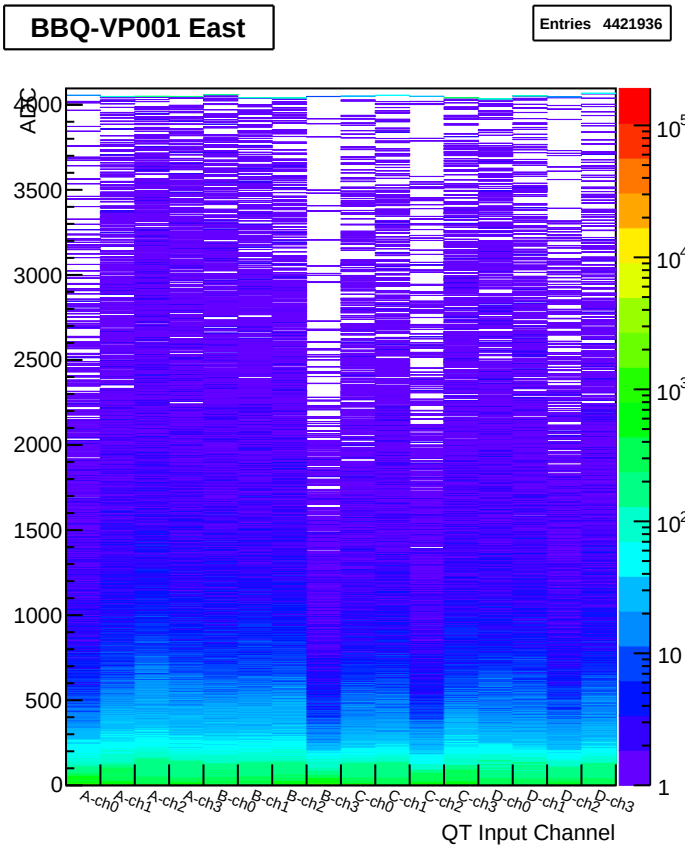

BBQ-BB001 (BBC east small tiles TAC)
Entries 4421936
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

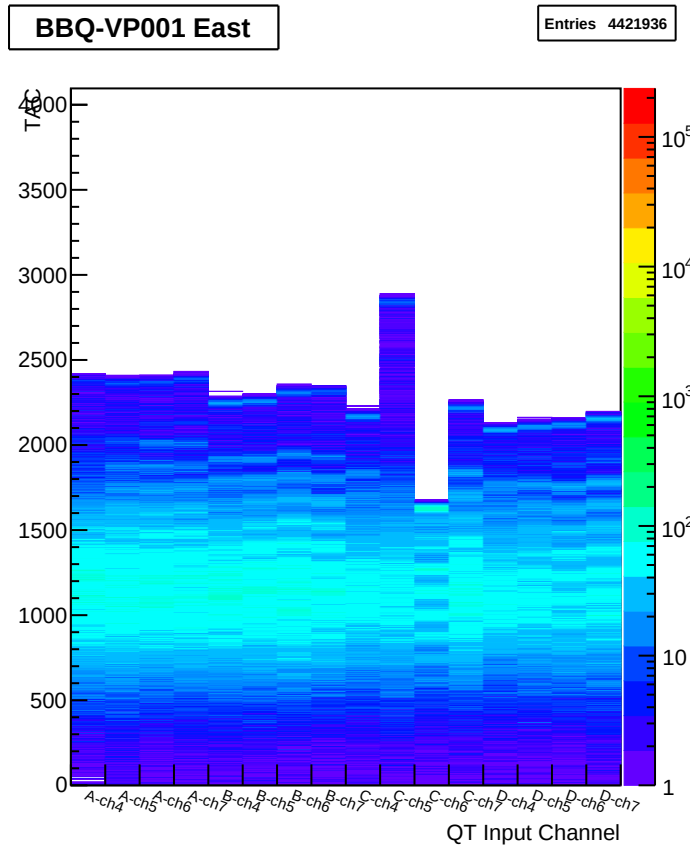

BBQ-BB002 (BBC west small tiles ADC)
Entries 4421936
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

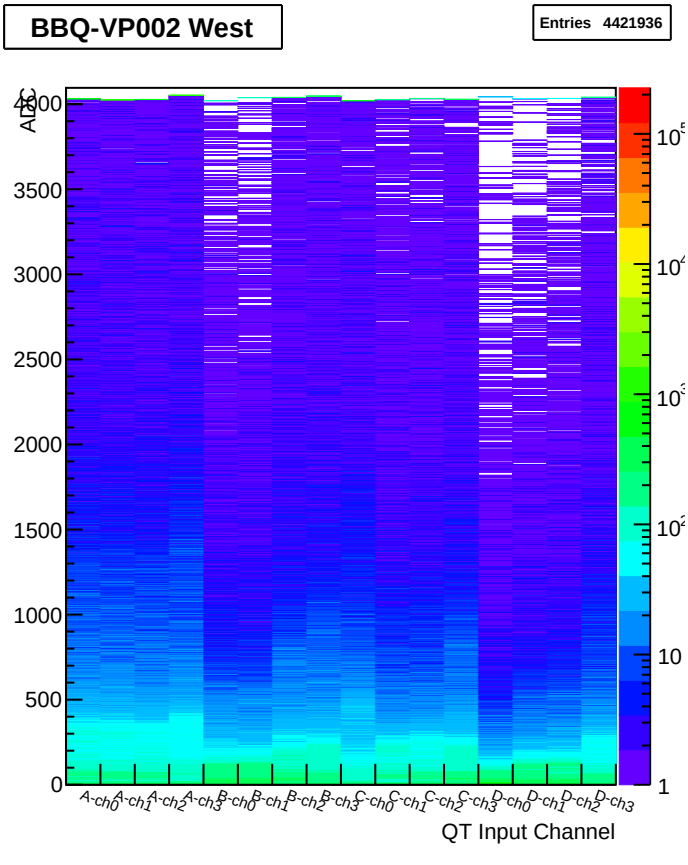

BBQ-BB002 (BBC west small tiles TAC)
Entries 4421936
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

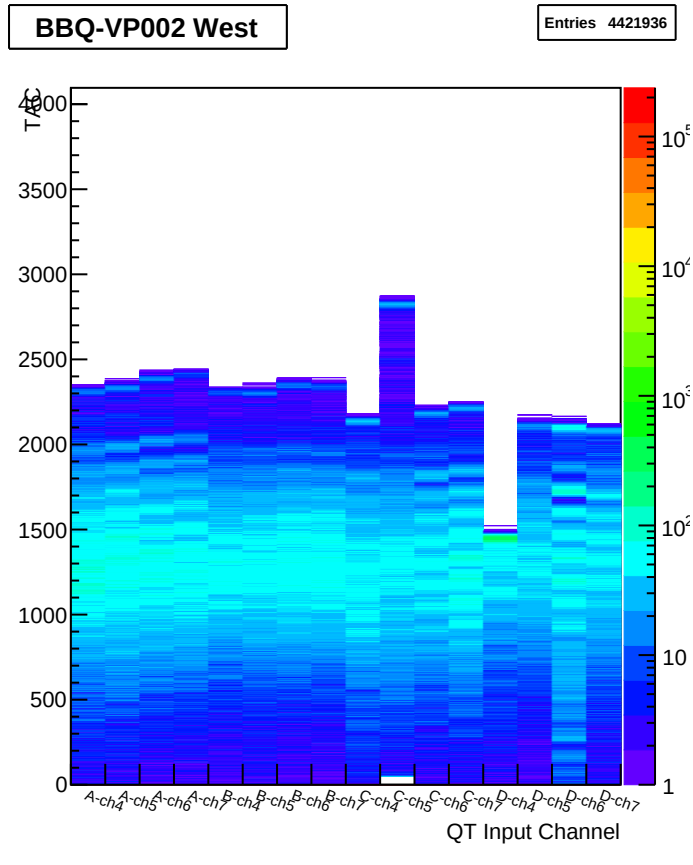

BBQ-ZD001 (ZDC TOWER)
Entries 4421936
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

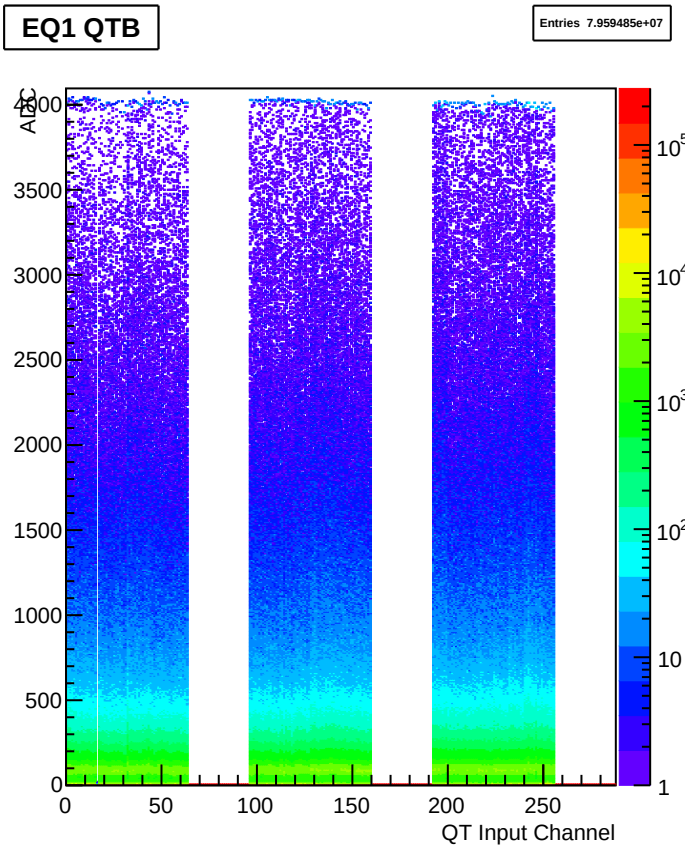

BBQ-ZD001 (ZDC TOWER)
Entries 4421936
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

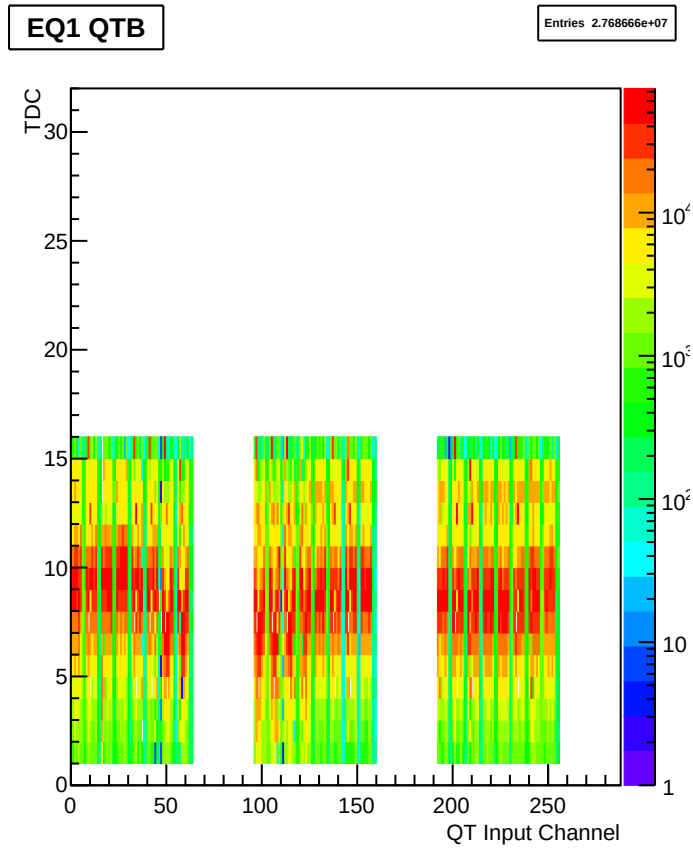

BBQ-VP001 East
Entries 4421936
ADC
QT Input Channel

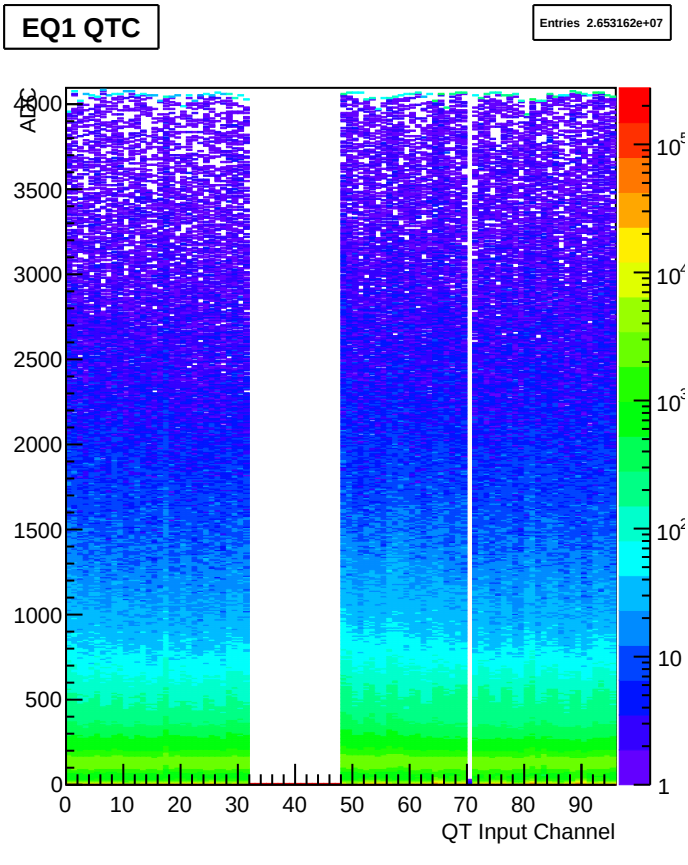

BBQ-VP001 East
Entries 4421936
ADC
QT Input Channel

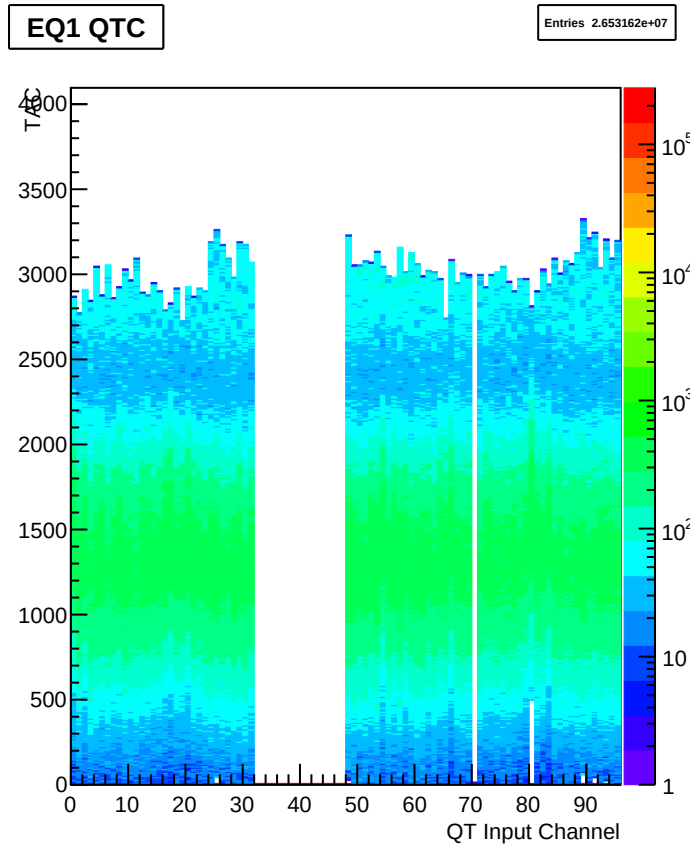

BBQ-VP002 West
Entries 4421936
ADC
QT Input Channel

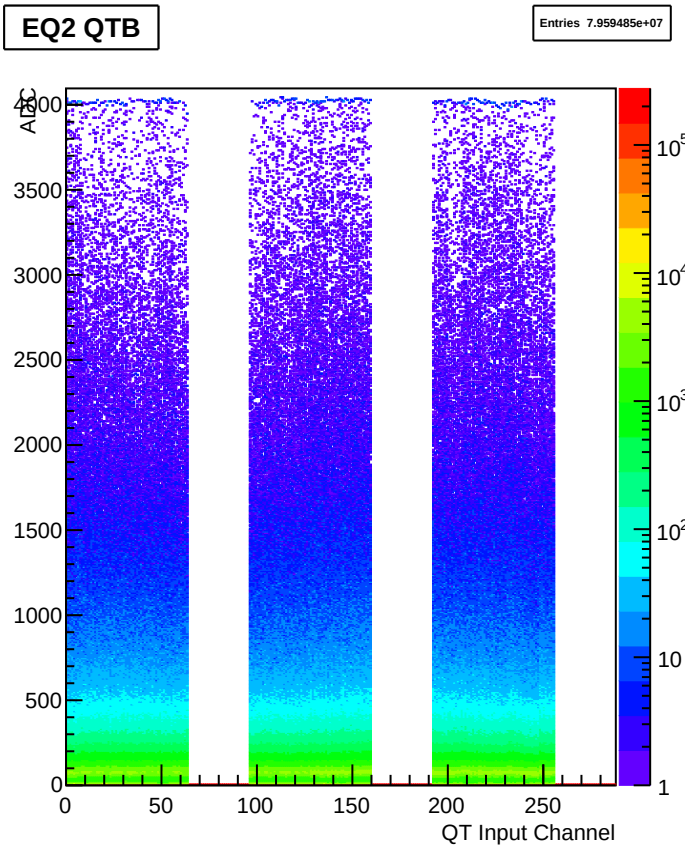

BBQ-VP002 West
Entries 4421936
ADC
QT Input Channel

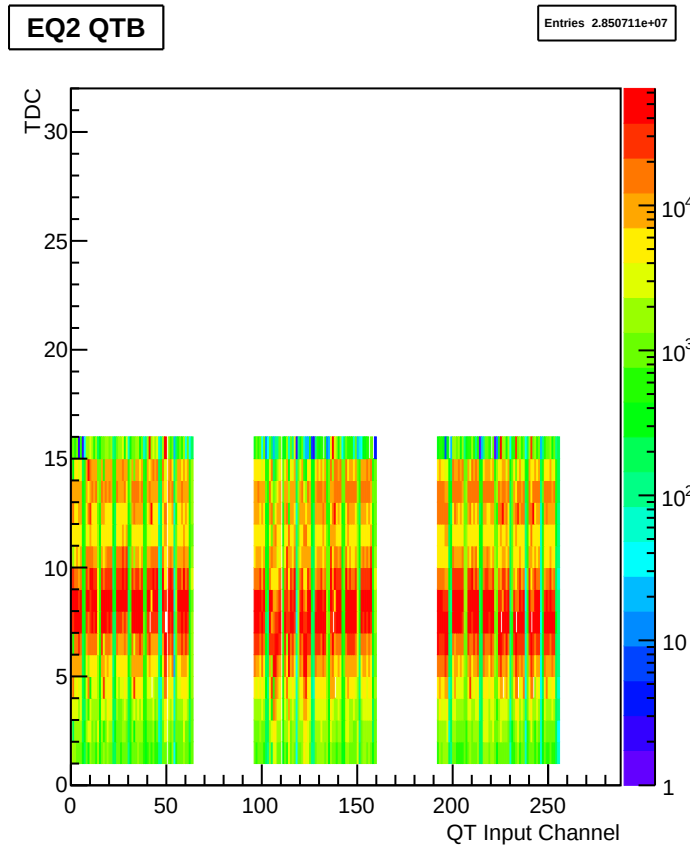

EQ1 QTB
Entries 7.959485e+07
ADC
QT Input Channel

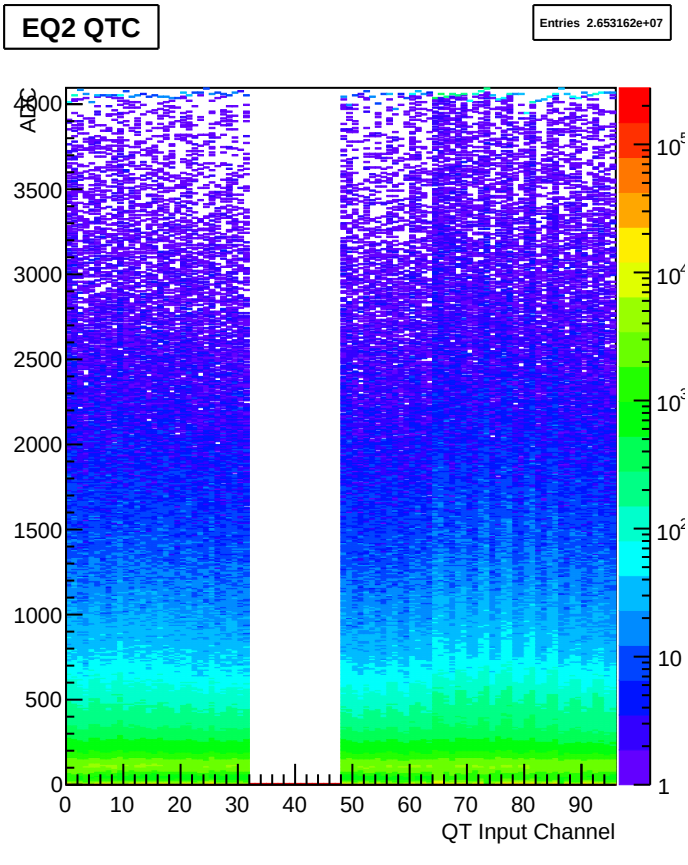

EQ1 QTB
Entries 2.768666e+07
TDC
QT Input Channel

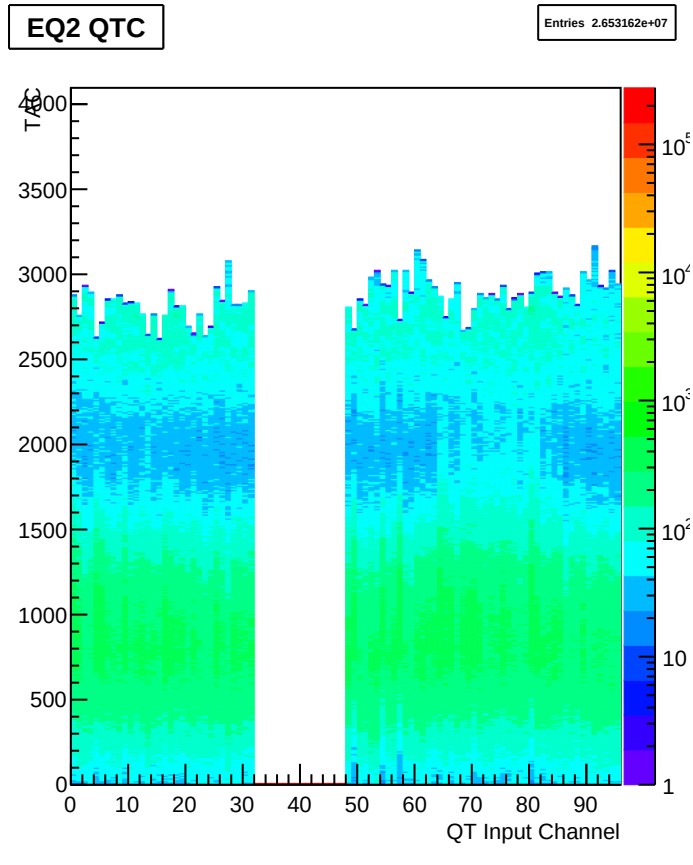

EQ1 QTC
Entries 2.653162e+07
ADC
QT Input Channel

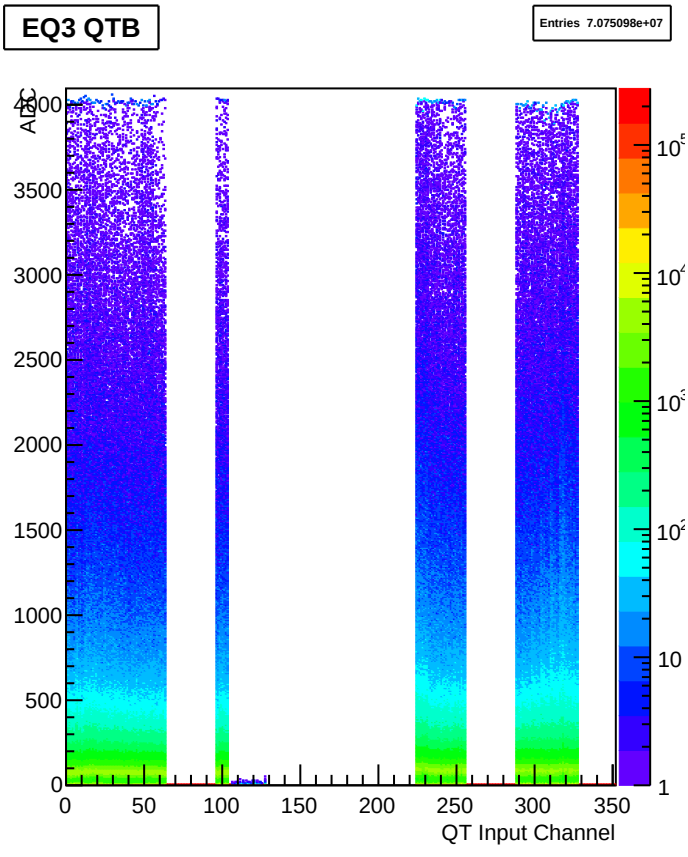

EQ1 QTC
Entries 2.653162e+07
TADC
QT Input Channel

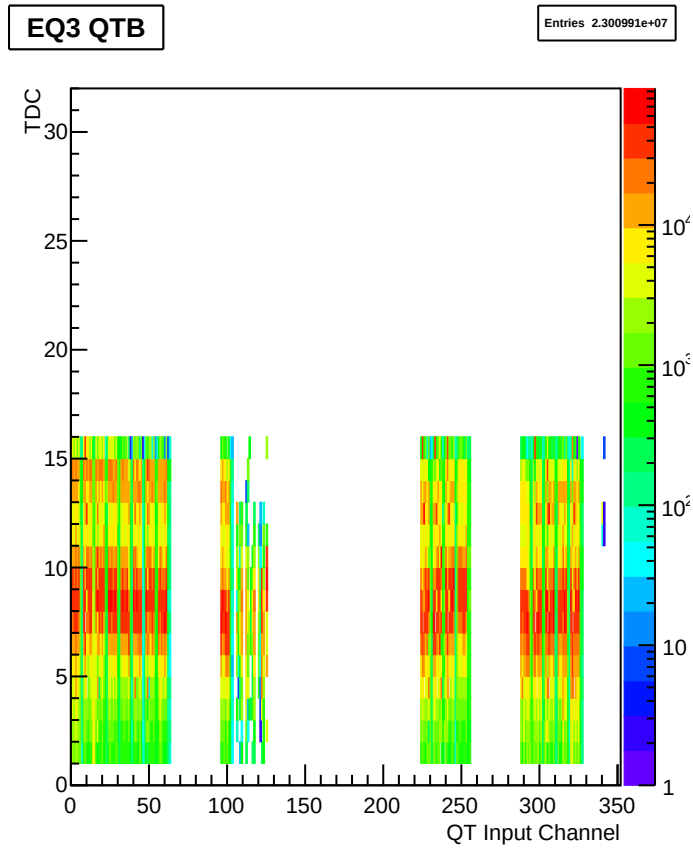

EQ2 QTB
Entries 7.959485e+07
ADC
QT Input Channel

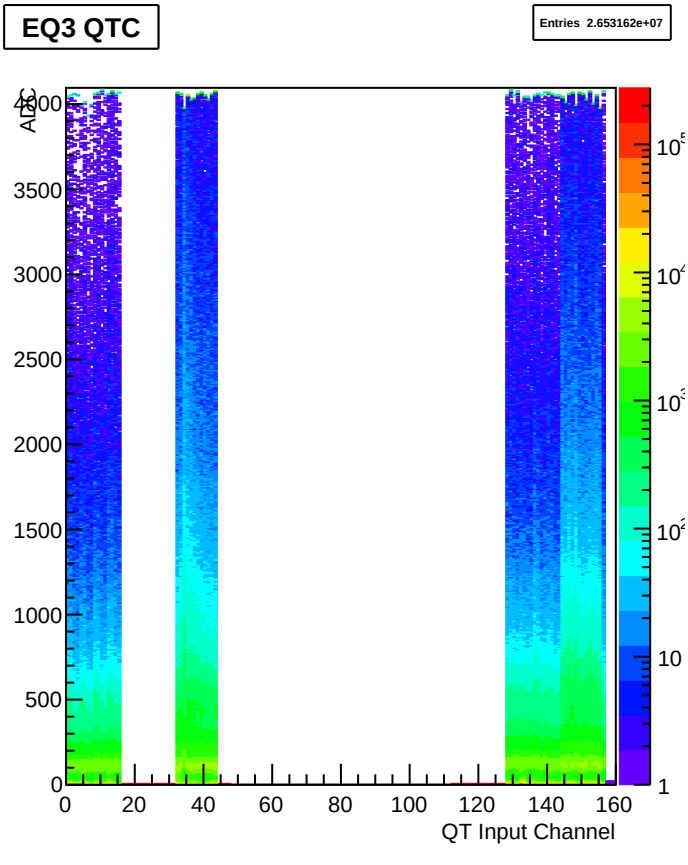

EQ2 QTB
Entries 2.850711e+07
TDC
QT Input Channel

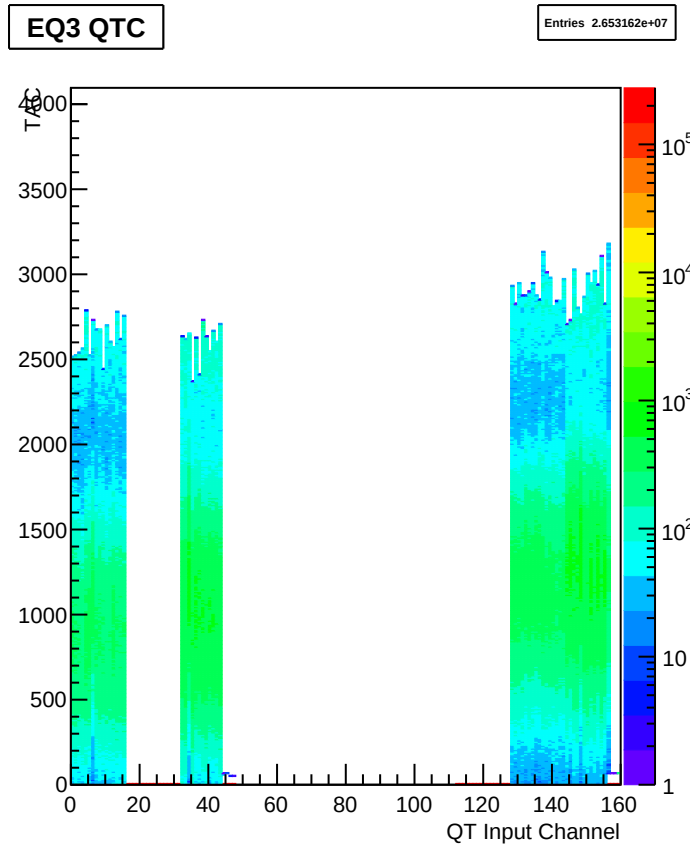

EQ2 QTC
Entries 2.653162e+07
ADC
QT Input Channel

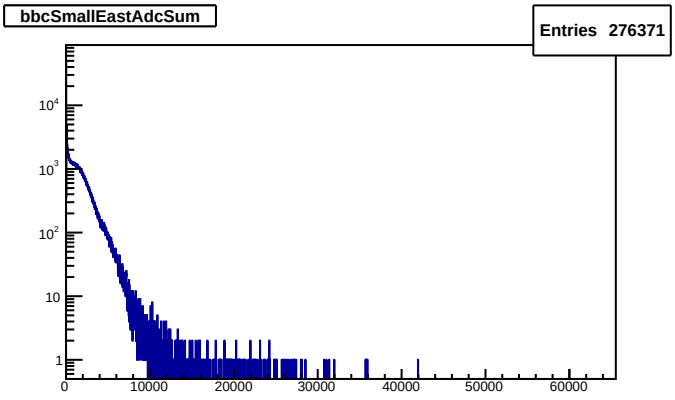

EQ2 QTC
Entries 2.653162e+07
TADC
QT Input Channel

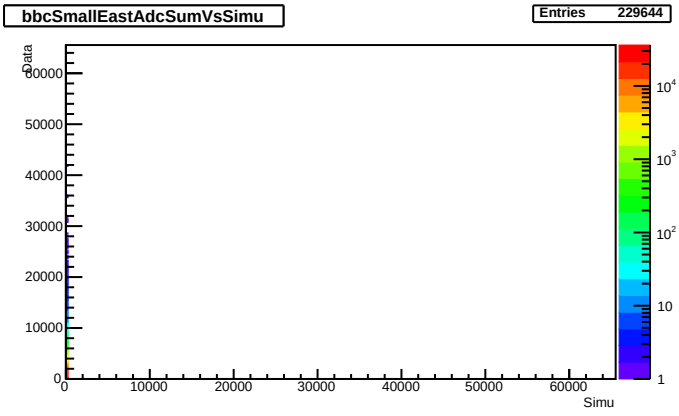

EQ3 QTB
Entries 7.075098e+07
ADC
QT Input Channel

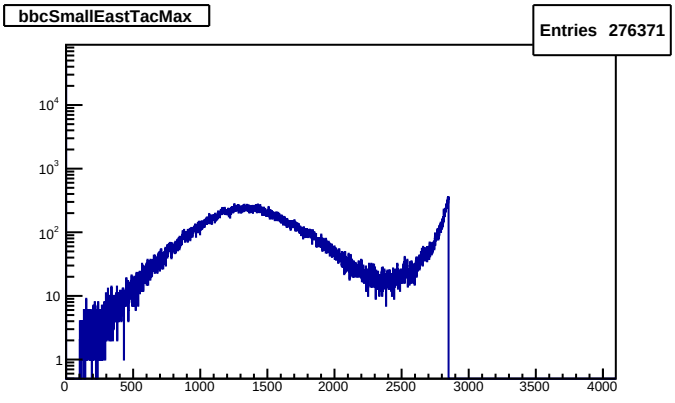

EQ3 QTB
Entries 2.300991e+07
TDC
QT Input Channel

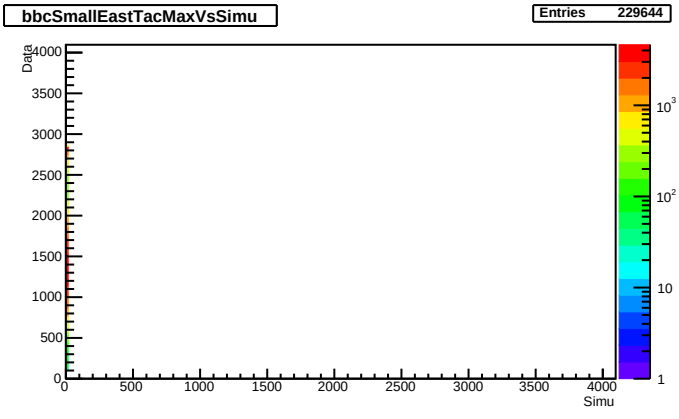

EQ3 QTC
Entries 2.653162e+07
ADC
QT Input Channel

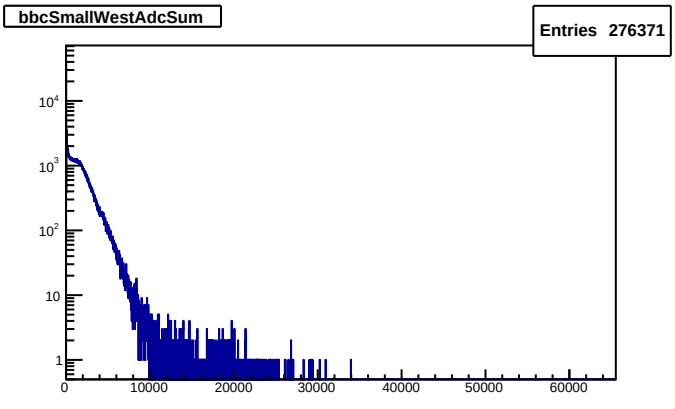

EQ3 QTC
Entries 2.653162e+07
TADC
QT Input Channel

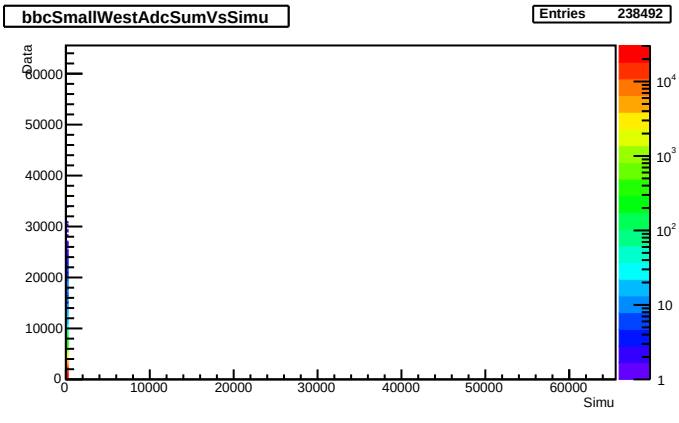

bbcSmallEastAdcSum
Entries 276371

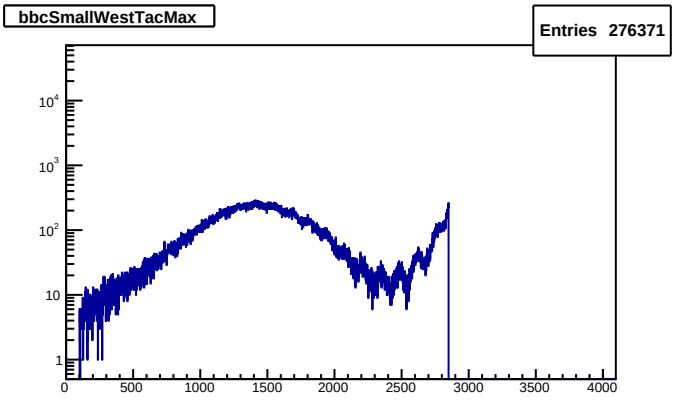

bbcSmallEastAdcSumVsSimu
Entries 229644
Data
Simu

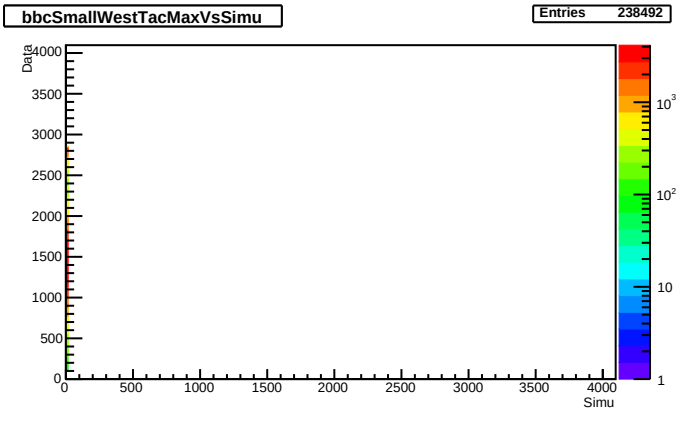

bbcSmallEastTacMax
Entries 276371

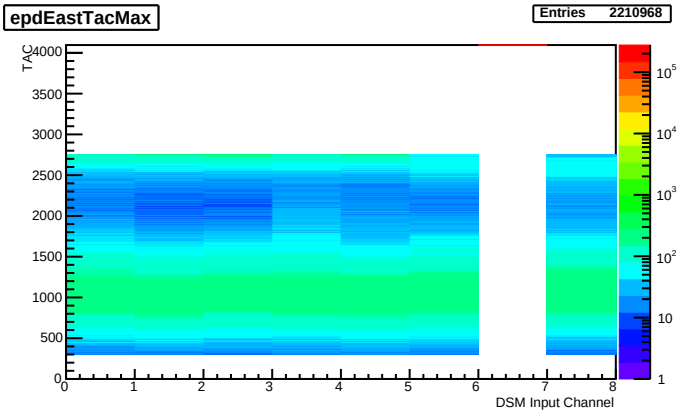

bbcSmallEastTacMaxVsSimu
Entries 229644
Data
Simu

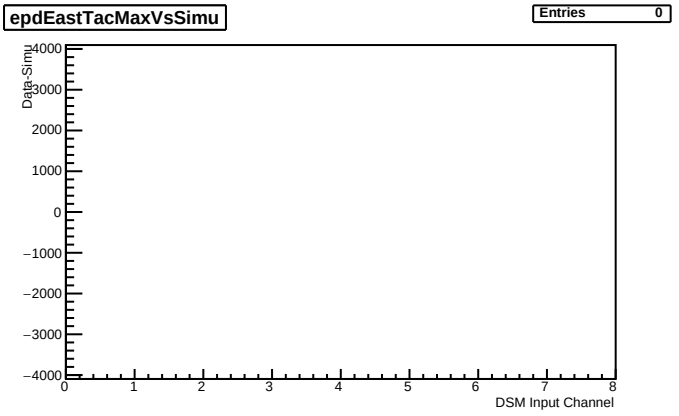

bbcSmallWestAdcSum
Entries 276371

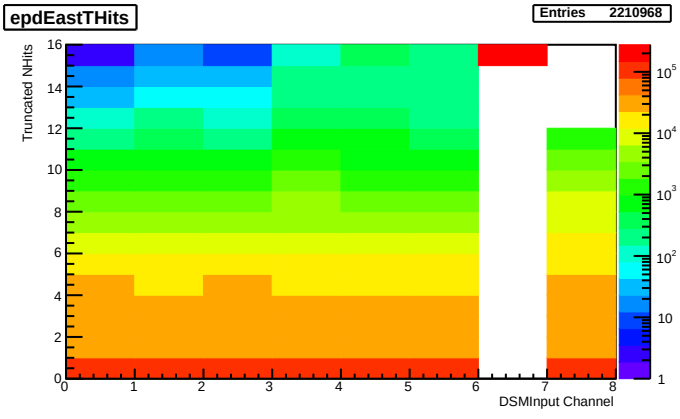

bbcSmallWestAdcSumVsSimu
Entries 238492
Data
Simu

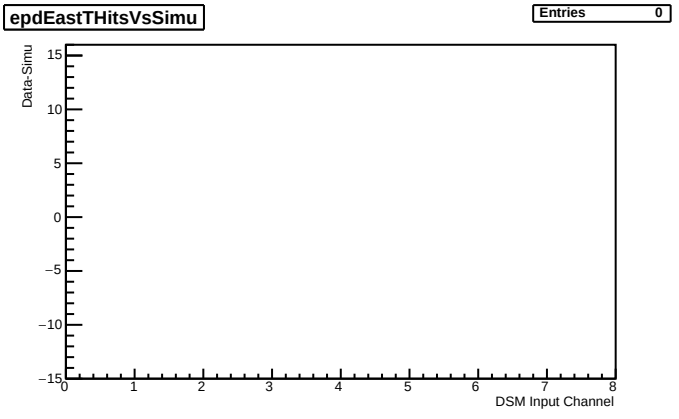

bbcSmallWestTacMax
Entries 276371


bbcSmallWestTacMaxVsSimu
Entries 238492
Data
Simu


epdEastTacMax
Entries 2210968
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2210968
Truncated NHits
DSMInput Channel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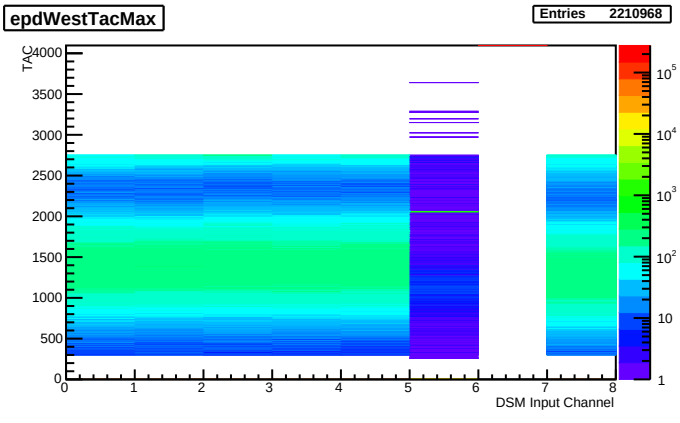
Data-Simu
DSM Input Channel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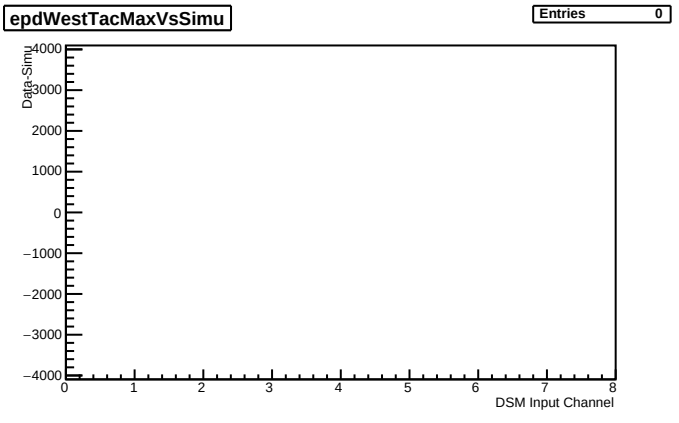
Entries 2210968
TAC
DSM Input Channel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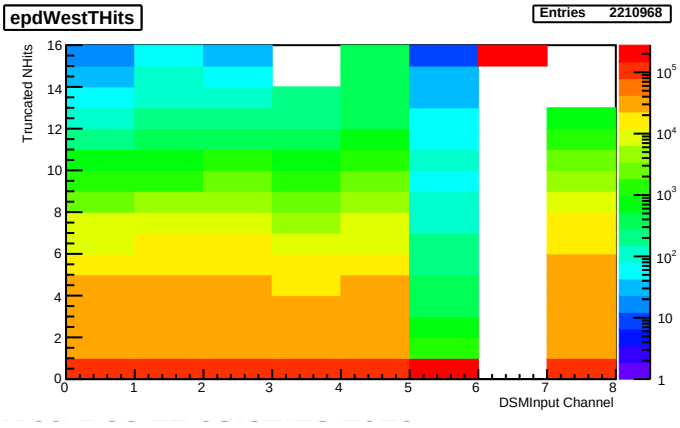
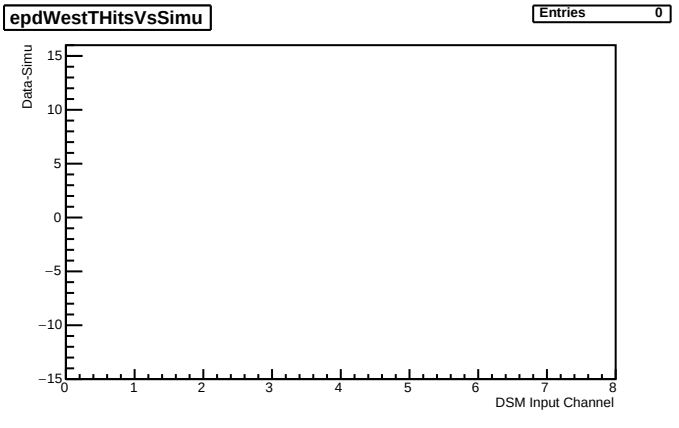
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2210968
Truncated NHits
DSMInput Channel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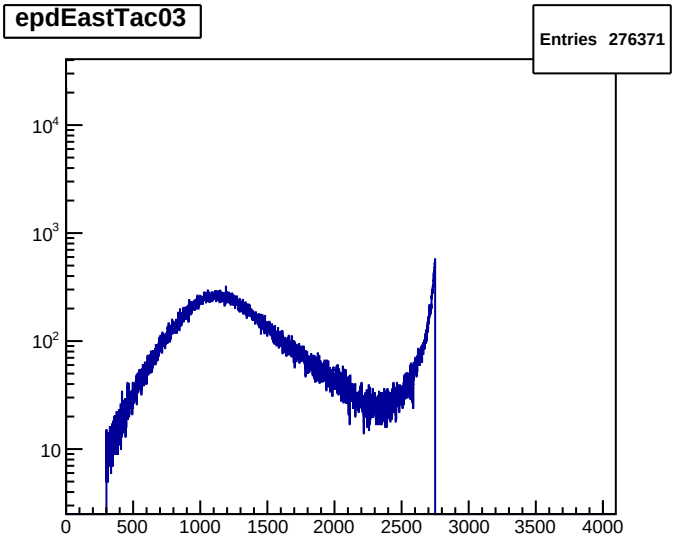
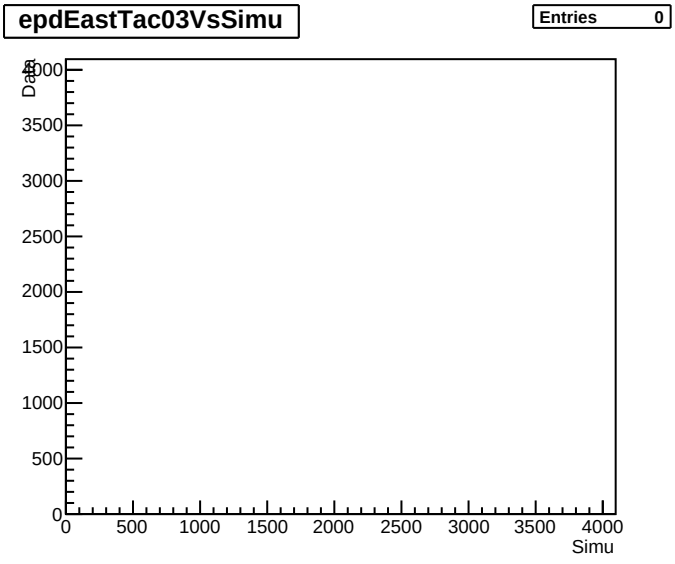
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 276371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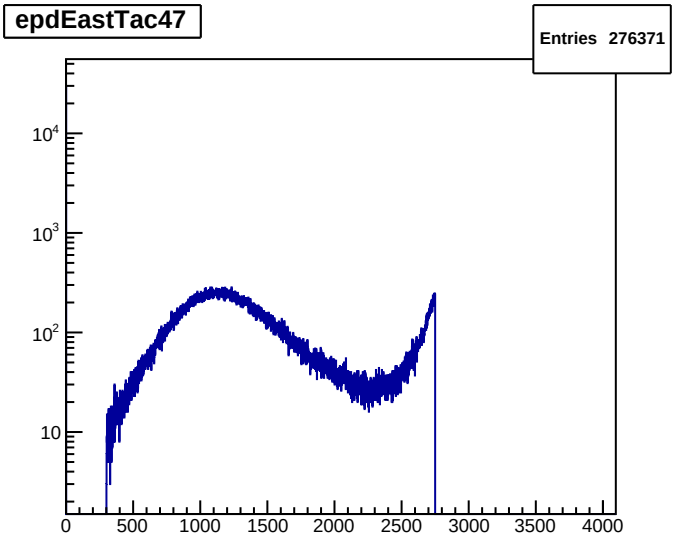
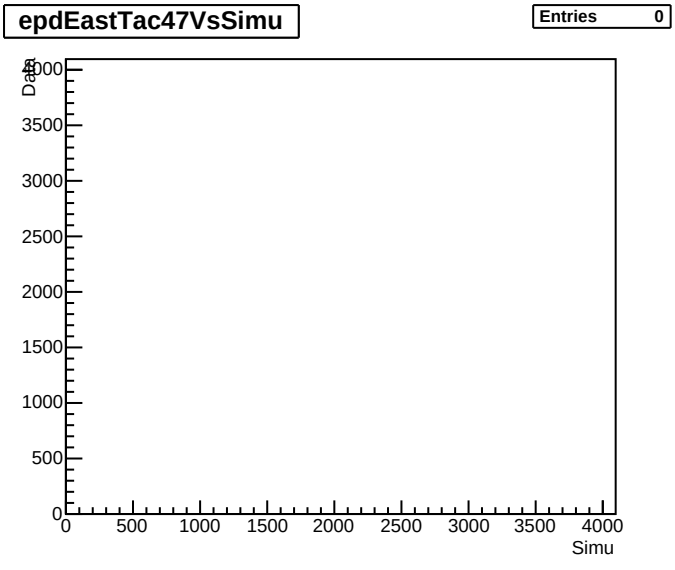
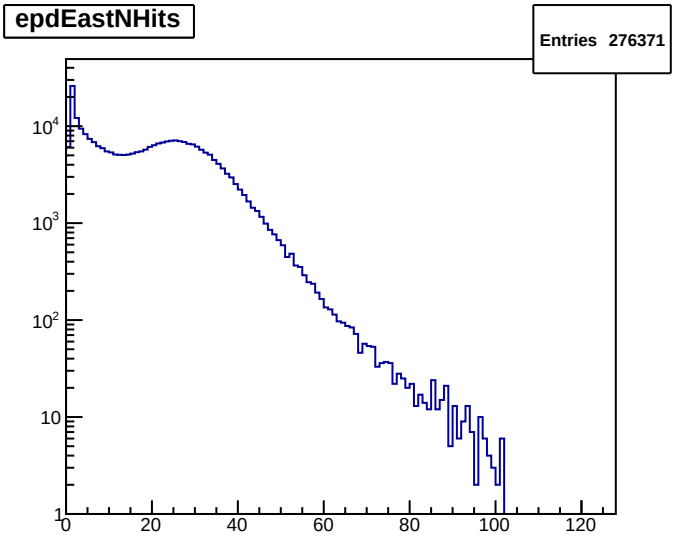
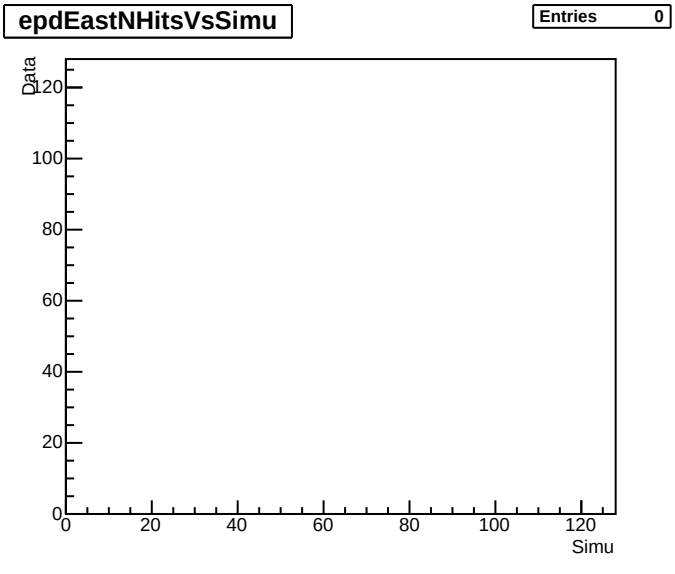
Entries 0
Data
Simu


epdEastTac47
Entries 276371


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 276371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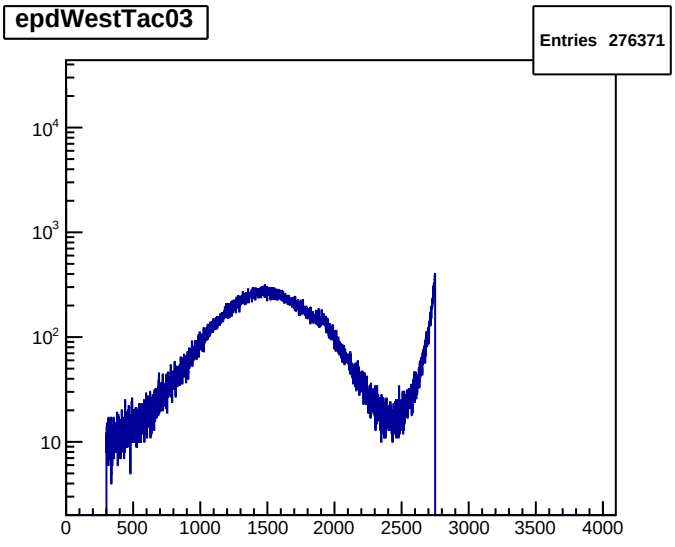
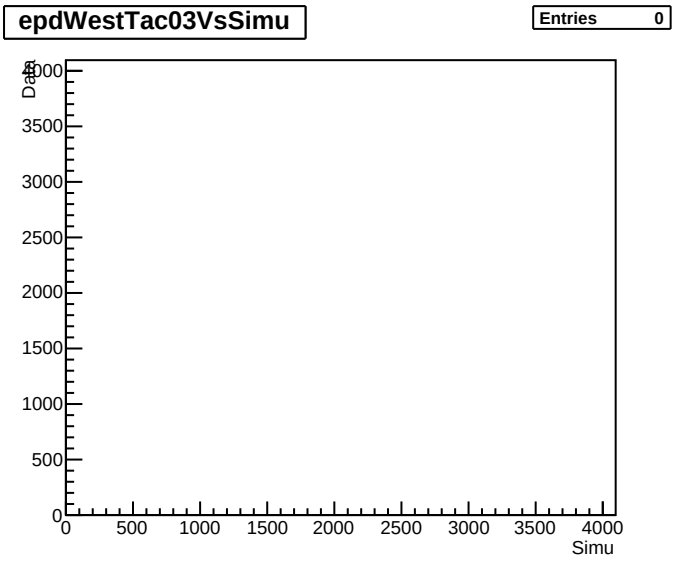
Entries 0
Data
Simu


epdWestTac03
Entries 276371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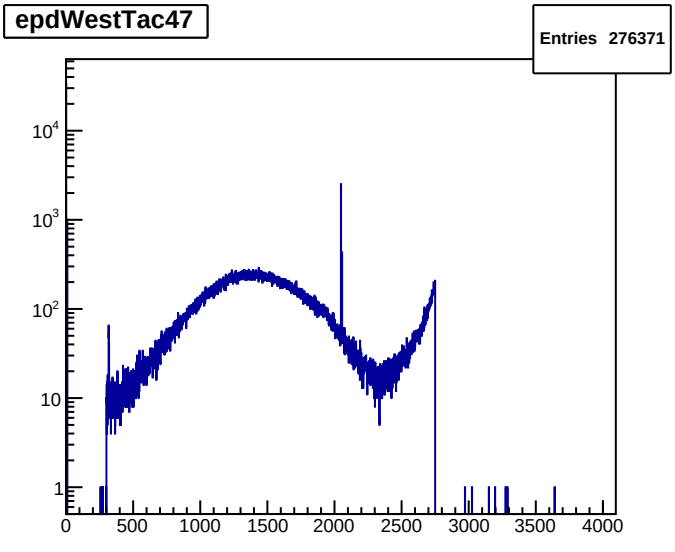
Entries 0
Data
Simu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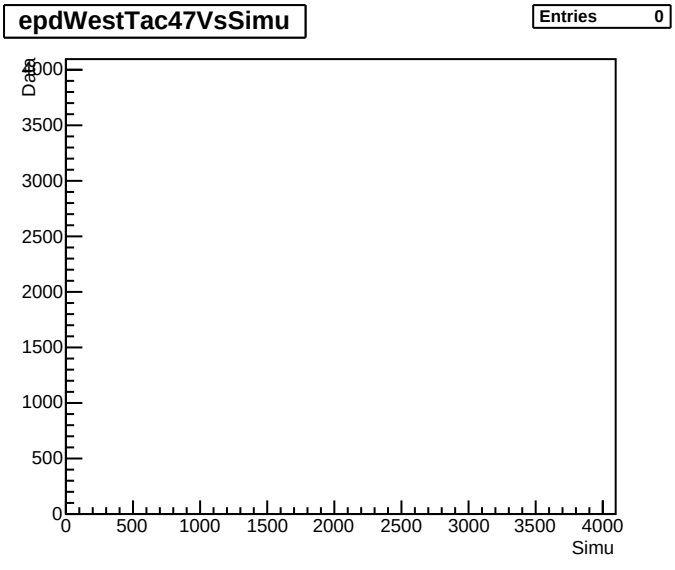
Entries 276371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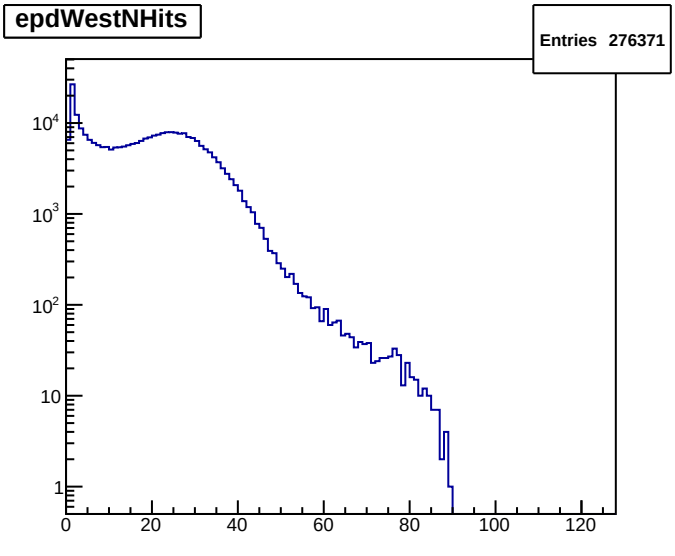
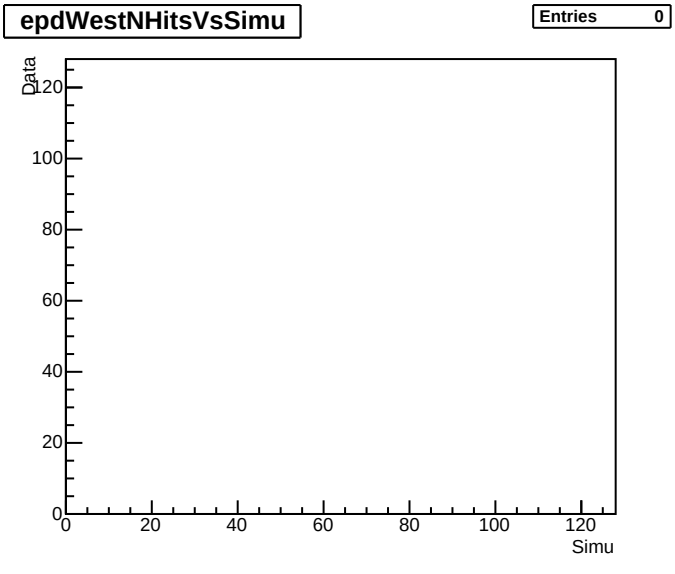
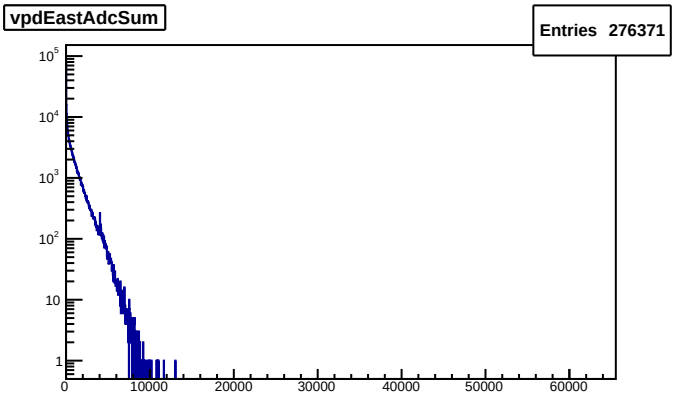
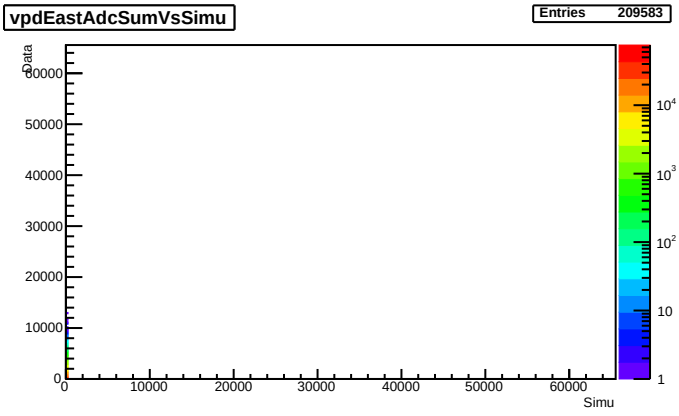
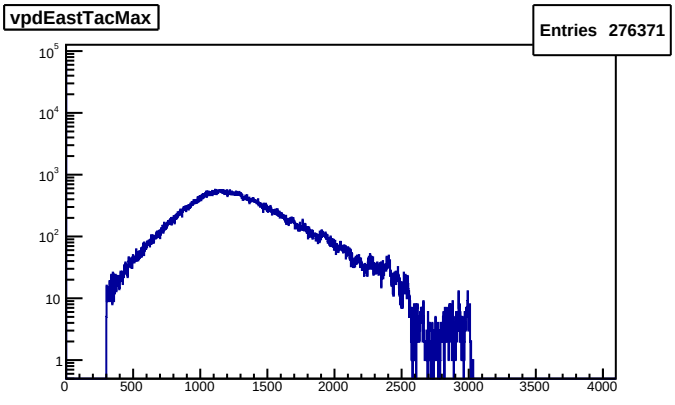
Entries 0
Data
Simu

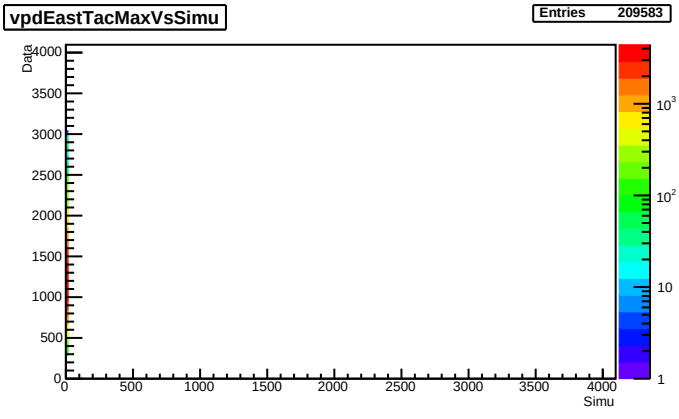

epdWestNHits
Entries 276371

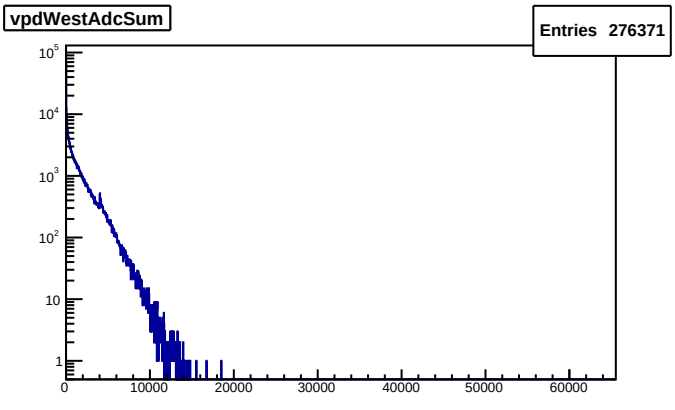

epdWestNHitsVsSimu
Entries 0
Data
Simu

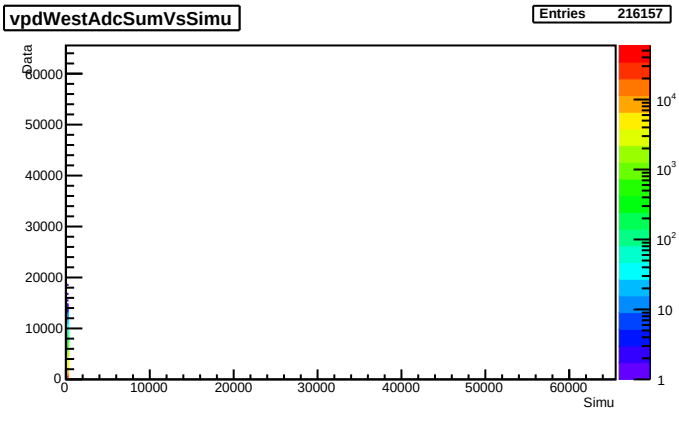

vpdEastAdcSum
Entries 276371

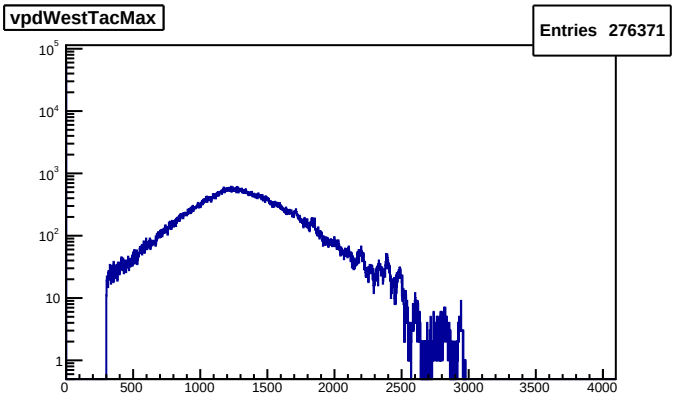

vpdEastAdcSumVsSimu
Entries 209583
Data
Simu

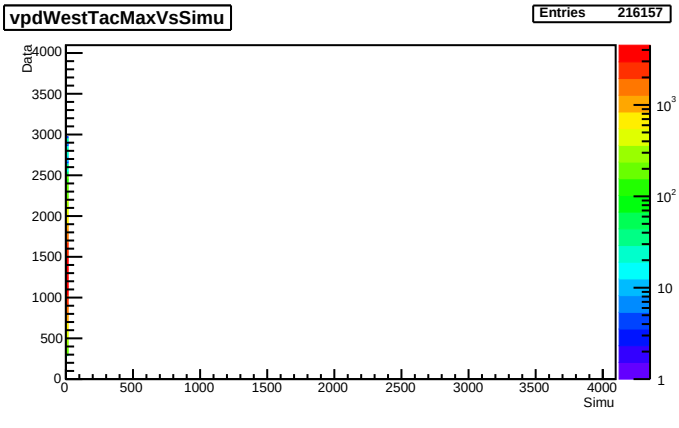

vpdEastTacMax
Entries 276371

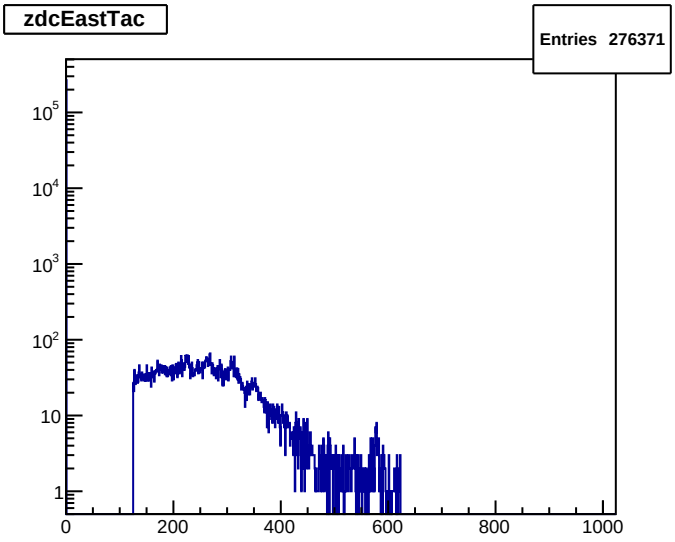

vpdEastTacMaxVsSimu
Entries 209583
Data
Simu

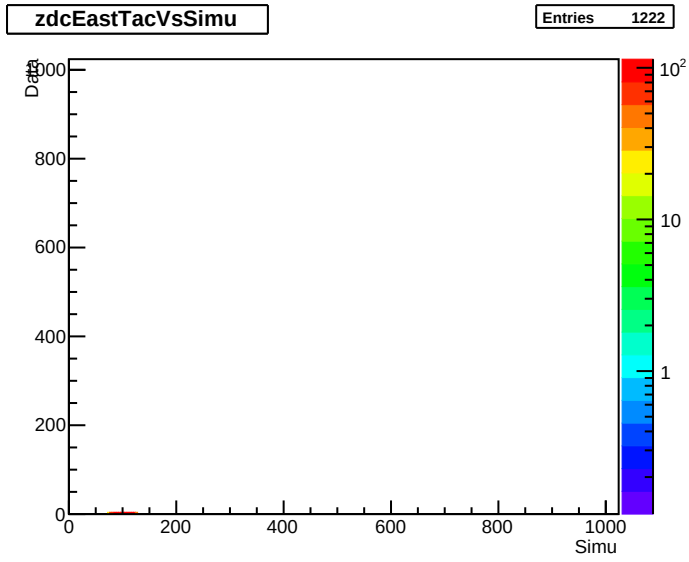

vpdWestAdcSum
Entries 276371

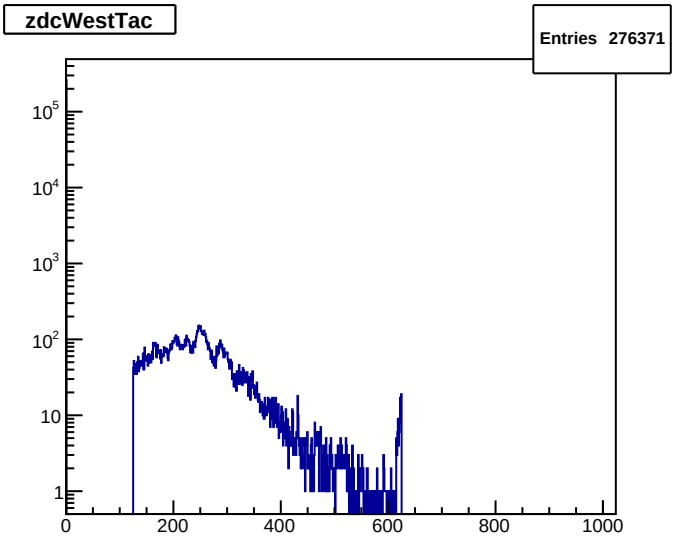

vpdWestAdcSumVsSimu
Entries 216157
Data
Simu

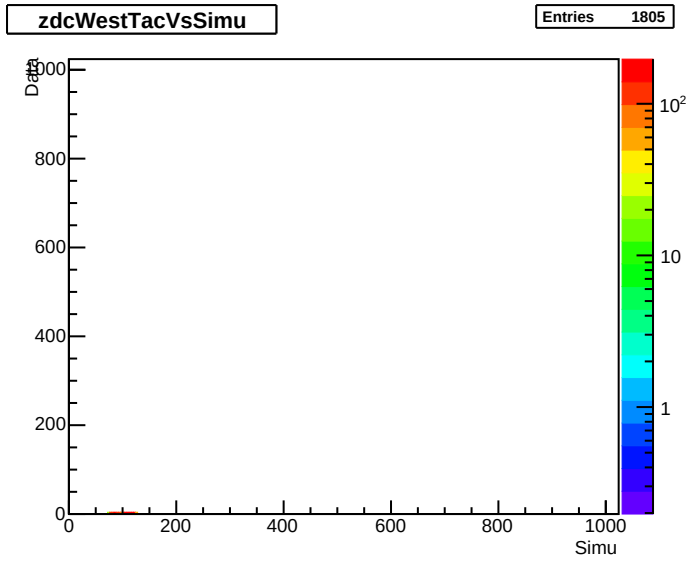

vpdWestTacMax
Entries 276371

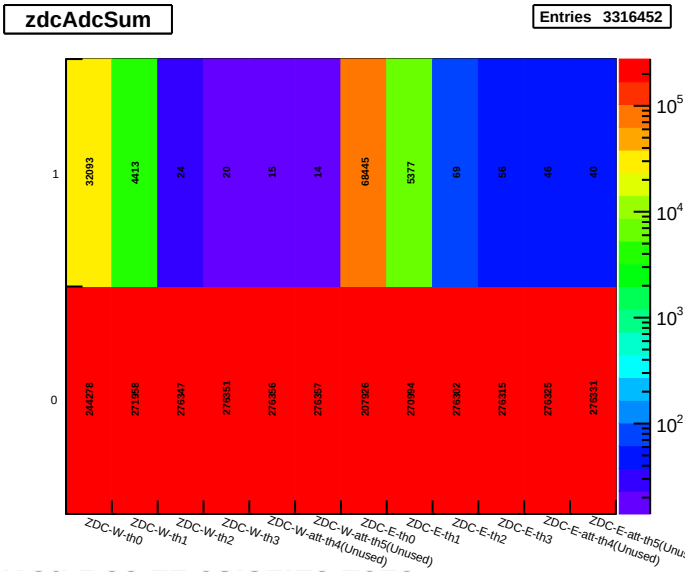

vpdWestTacMaxVsSimu
Entries 216157
Data
Simu

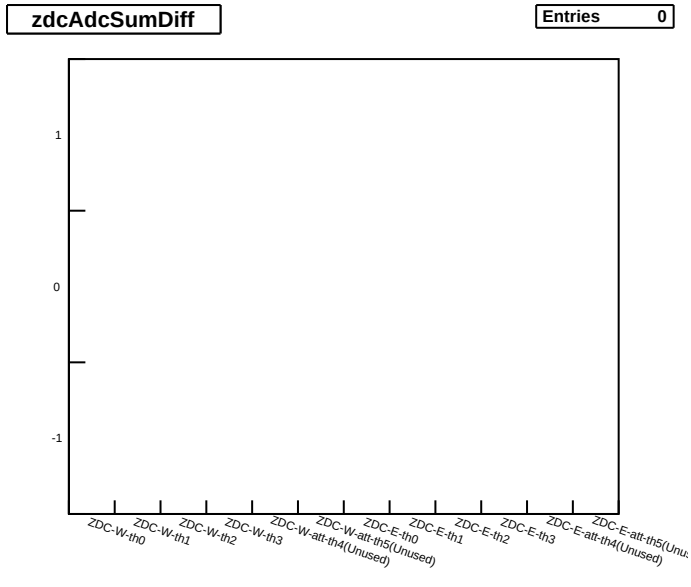

zdcEastTac
Entries 276371


zdcEastTacVsSimu
Entries 1222
Data
Simu


zdcWestTac
Entries 276371


zdcWestTacVsSimu
Entries 1805
Data
Simu


zdcAdcSum
Entries 3316452
32093
4413
24
20
15
14
68445
5377
69
56
46
40
244278
271858
276347
276351
276356
276357
207926
270894
276302
276315
276325
276331
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)
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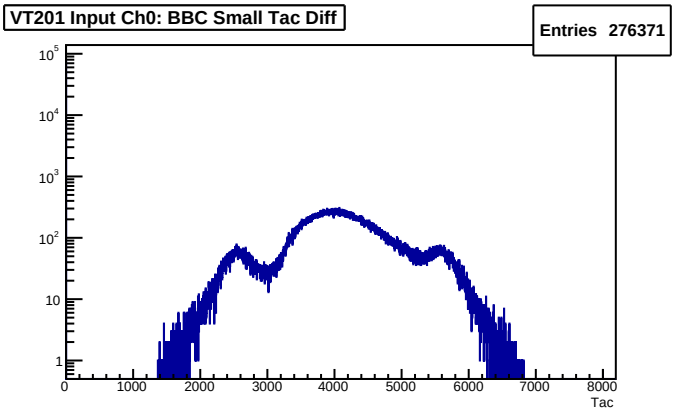
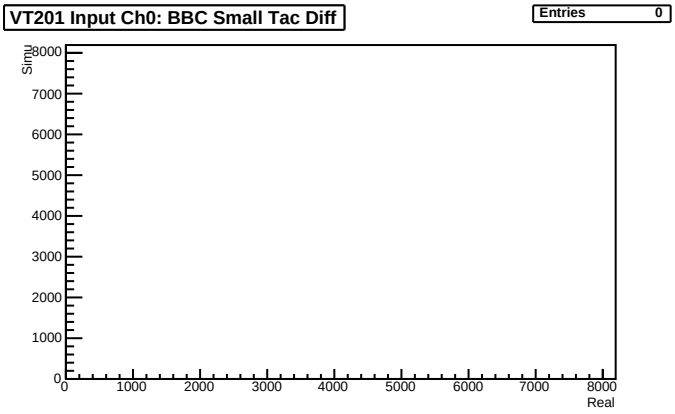
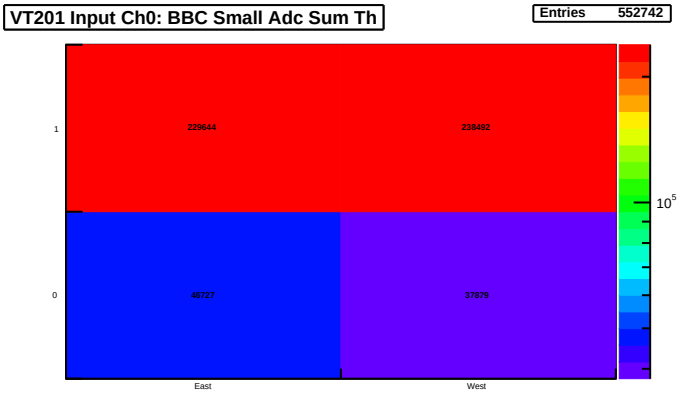
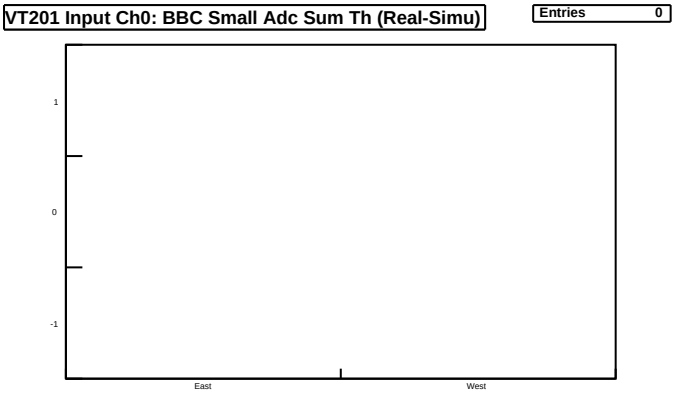
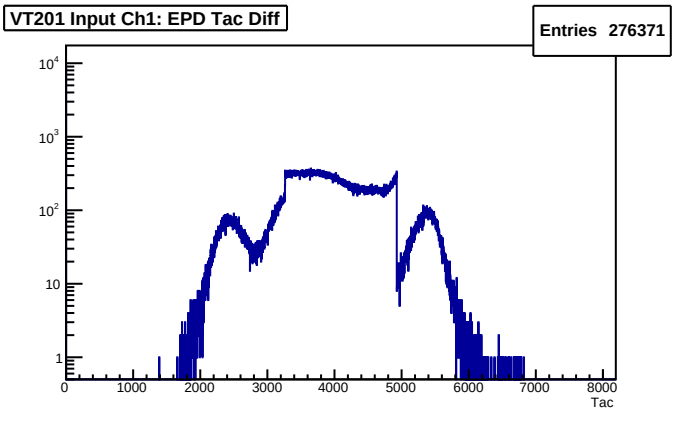
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

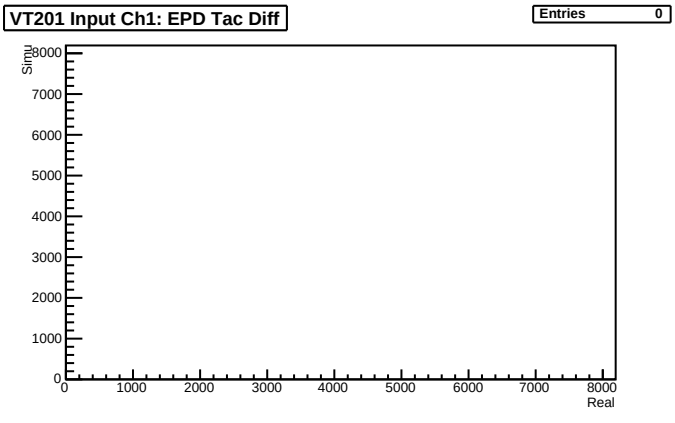

VT201 Input Ch0: BBC Small Tac Diff
Entries 276371
Tac

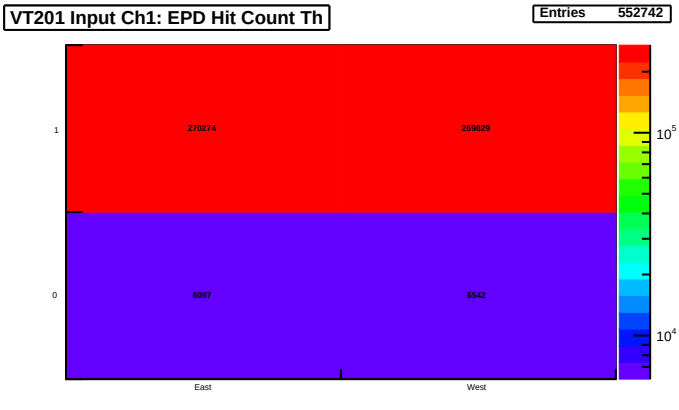

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

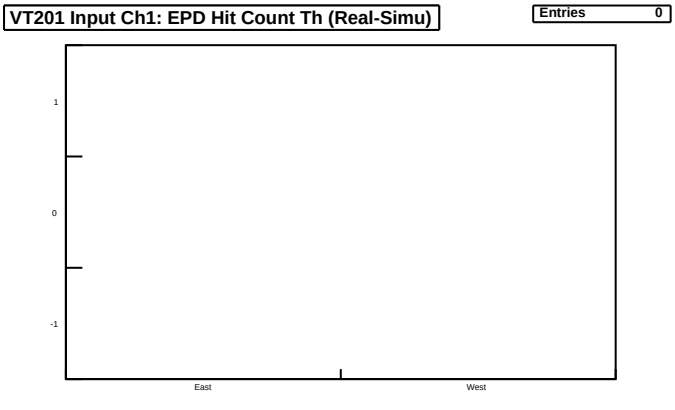

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 552742
229644
238492
46727
37879
East
West

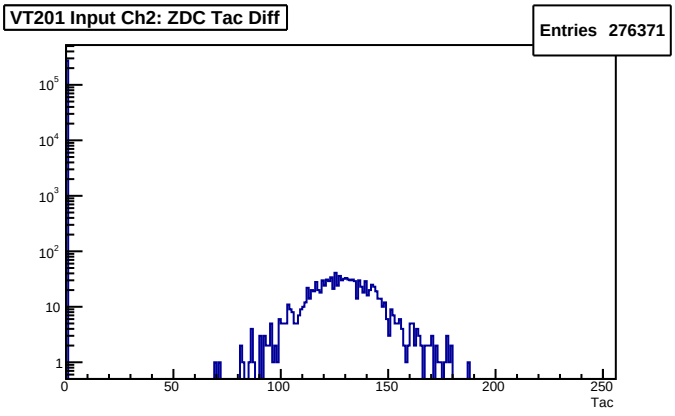

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

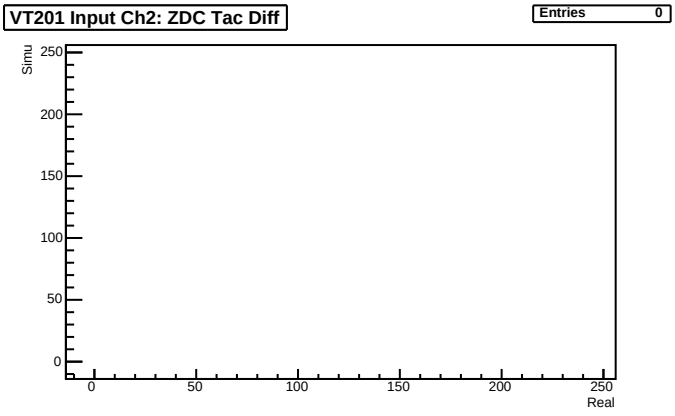

VT201 Input Ch1: EPD Tac Diff
Entries 276371
Tac

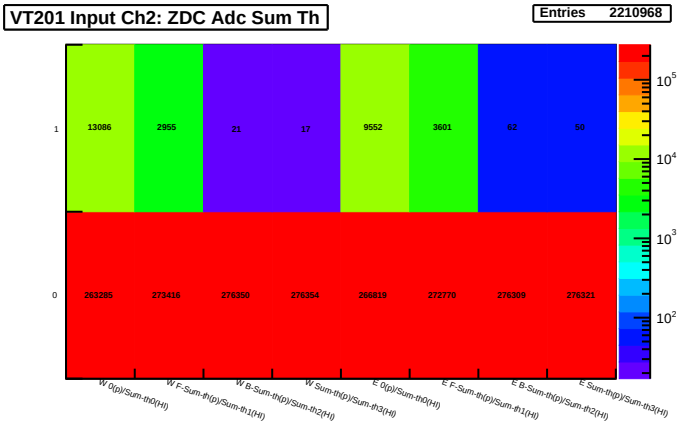

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

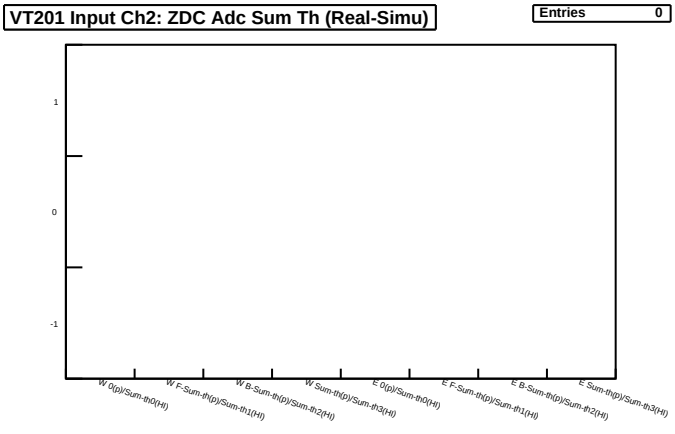

VT201 Input Ch1: EPD Hit Count Th
Entries 552742
270274
269829
6097
6542
East
West

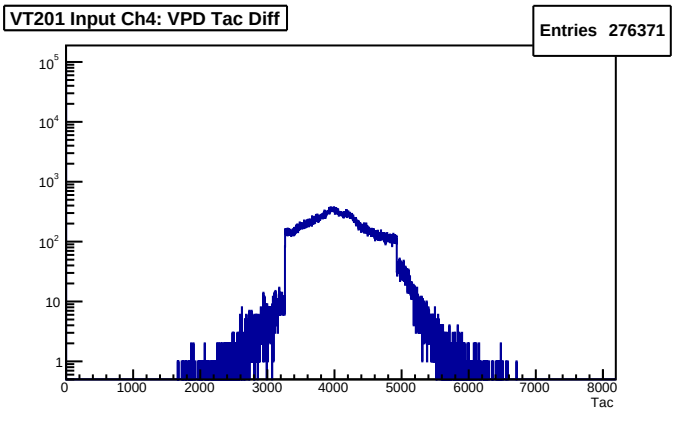

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

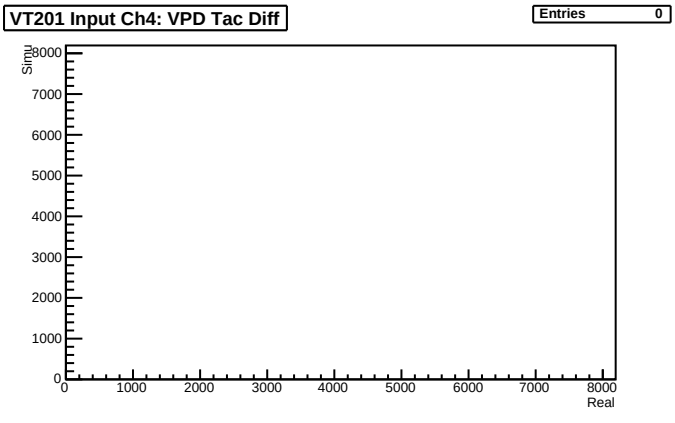

VT201 Input Ch2: ZDC Tac Diff
Entries 276371
Tac

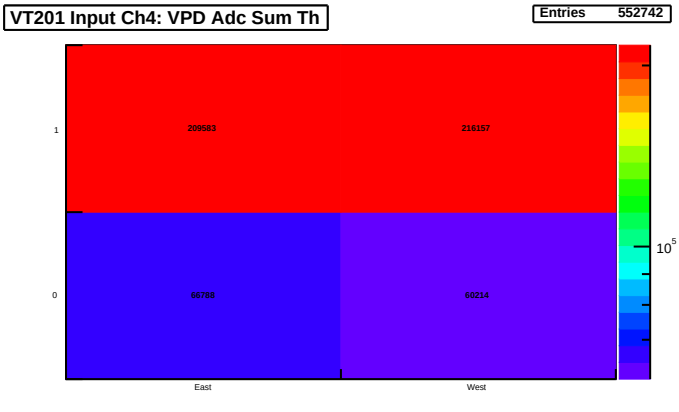

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

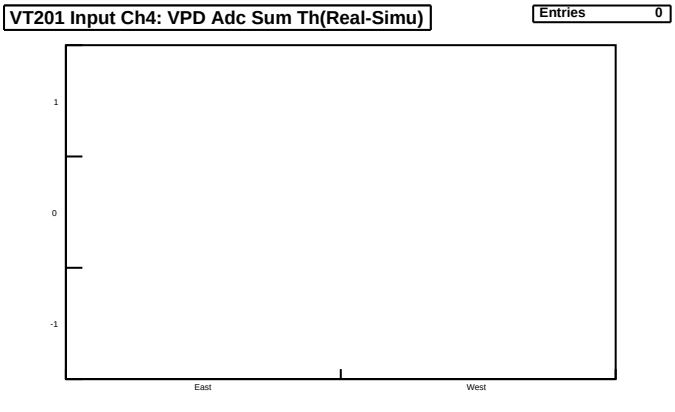

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2210968
13086
2955
21
17
9552
3601
62
50
263285
273416
276350
276354
266819
272770
276309
276321
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

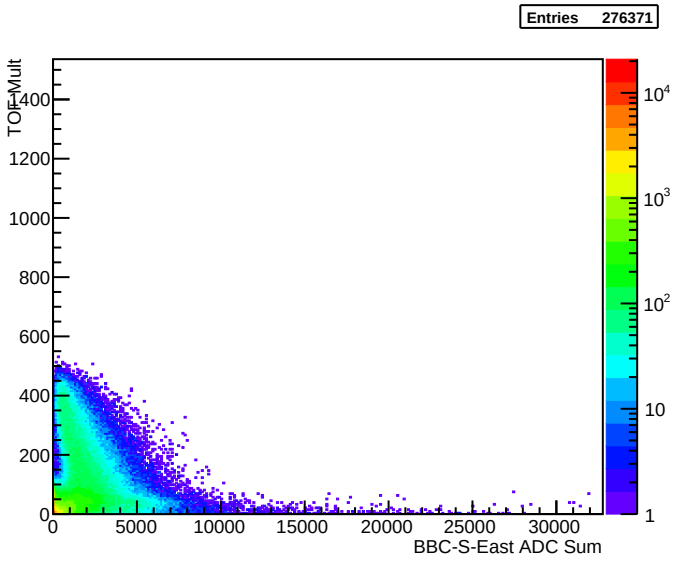

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

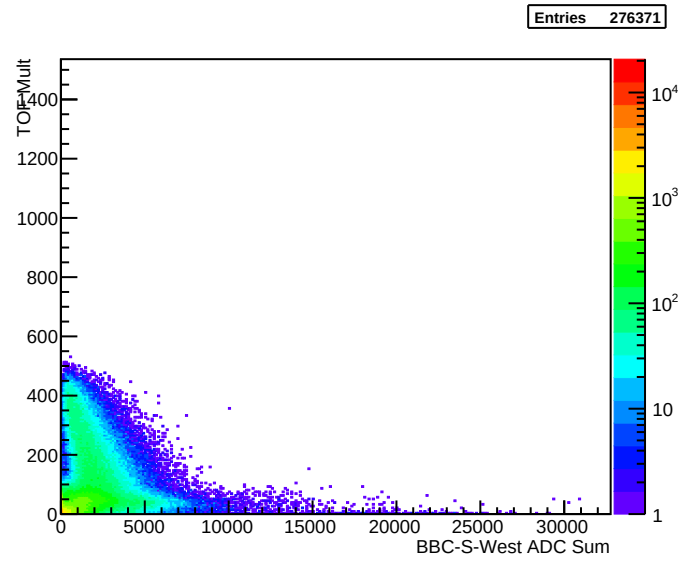

VT201 Input Ch4: VPD Tac Diff
Entries 276371
Tac

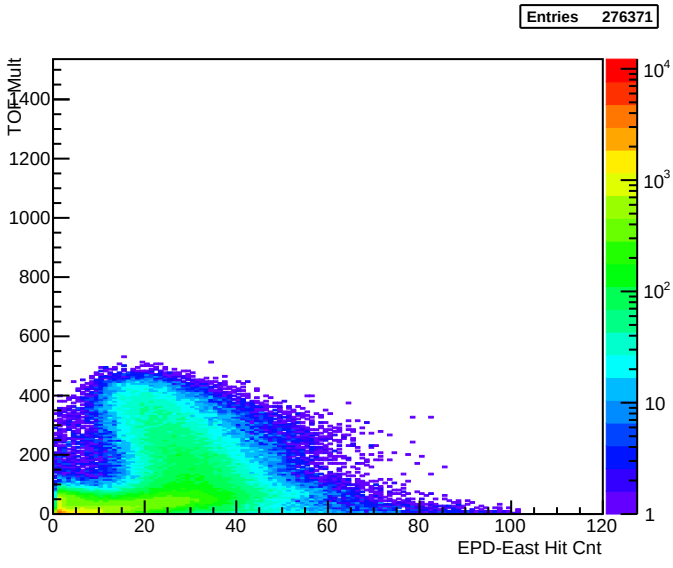

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

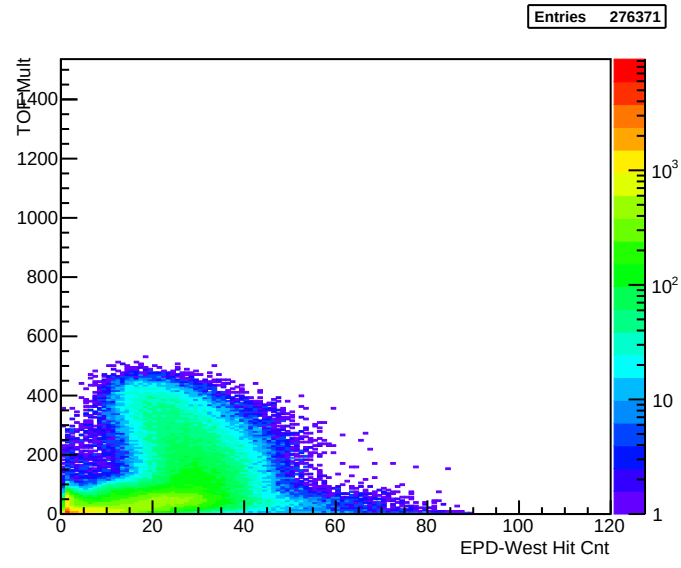

VT201 Input Ch4: VPD Adc Sum Th
Entries 552742
209583
216157
66788
60214
East
West

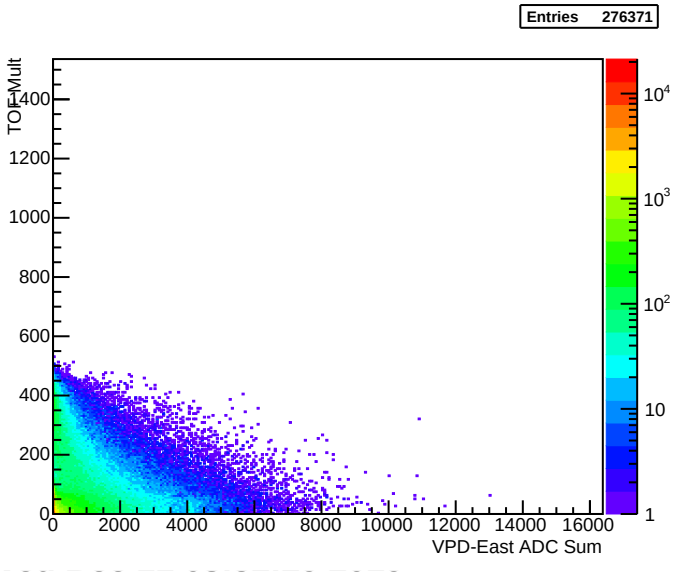

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

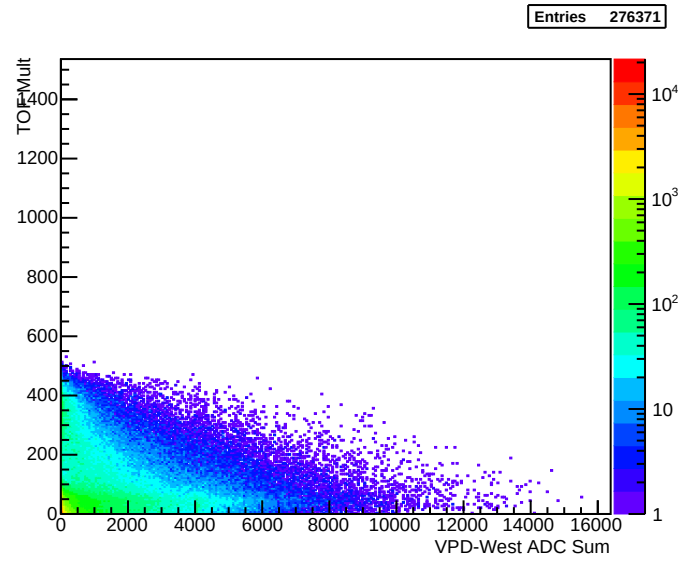

Entries 276371
TOF-Mult
BBC-S-East ADC Sum

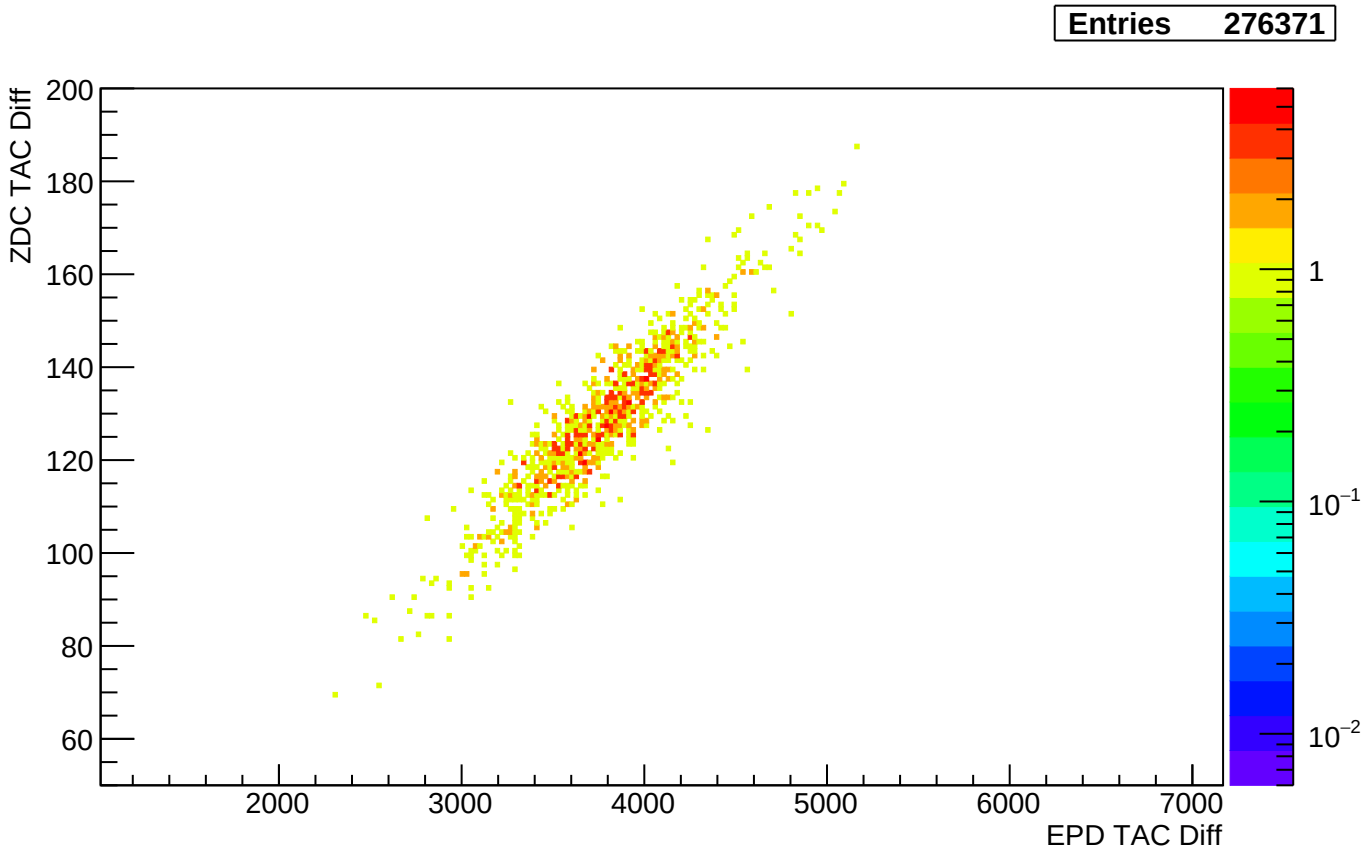

Entries 276371
TOF-Mult
BBC-S-West ADC Sum

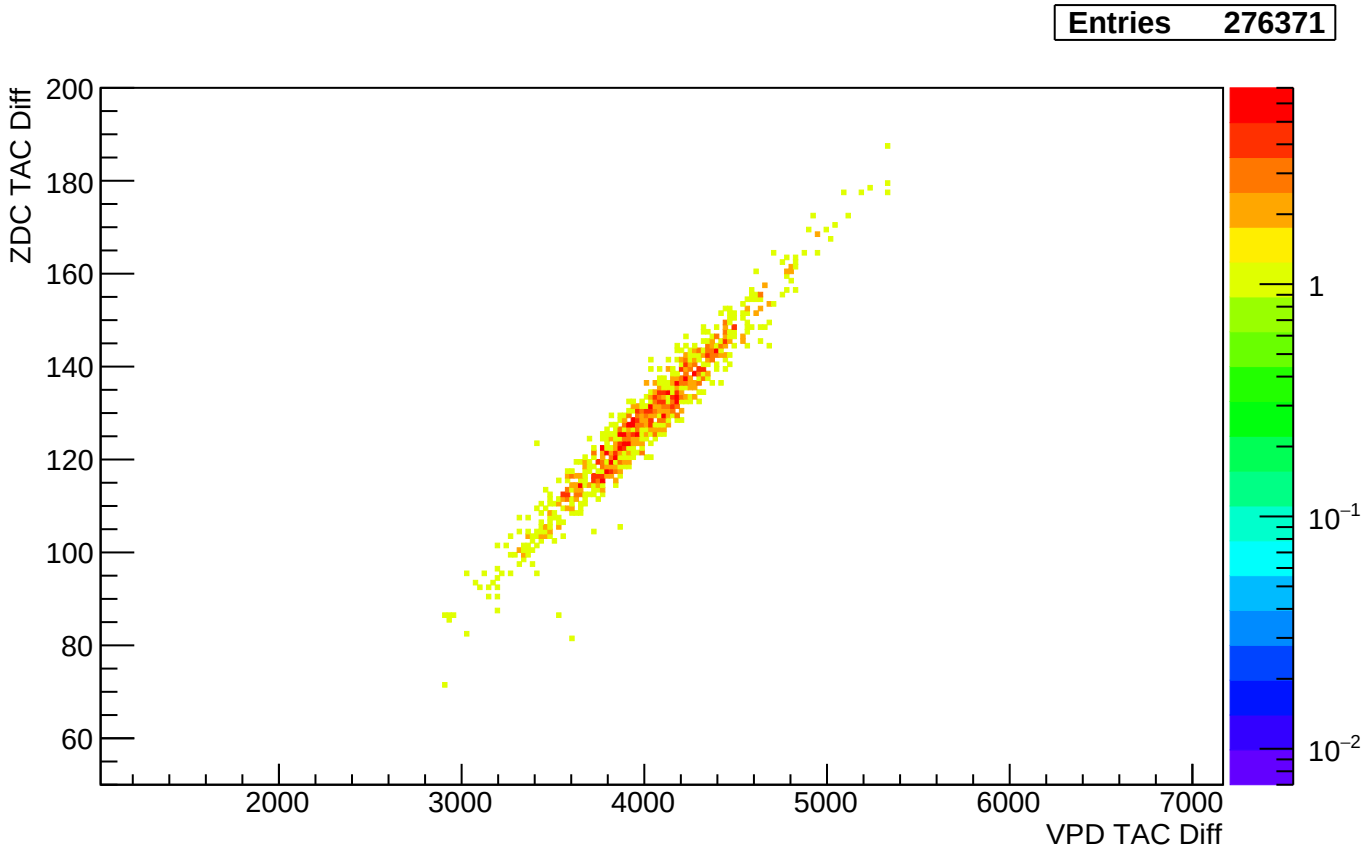

Entries 276371
TOF-Mult
EPD-East Hit Cnt

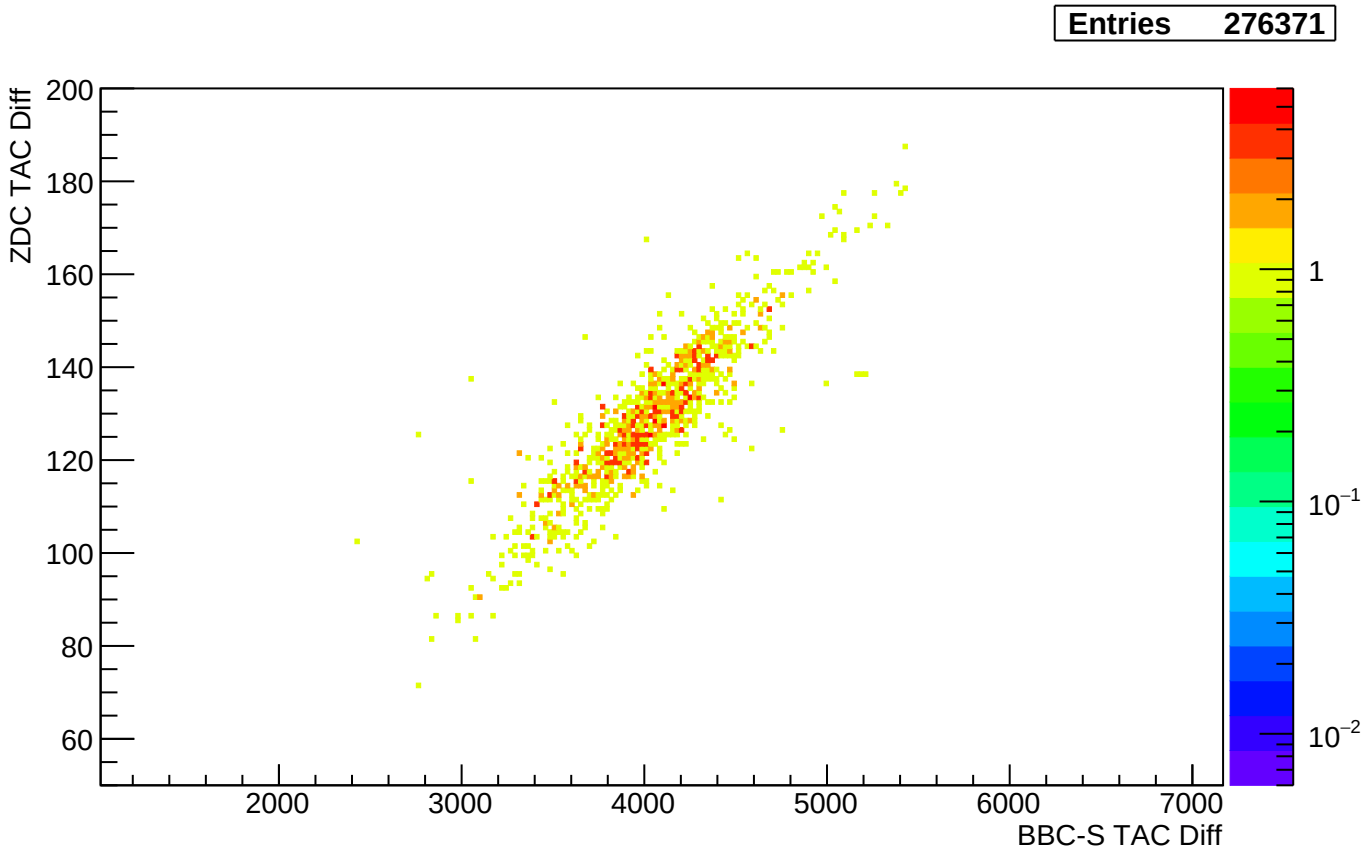

Entries 276371
TOF-Mult
EPD-West Hit Cnt

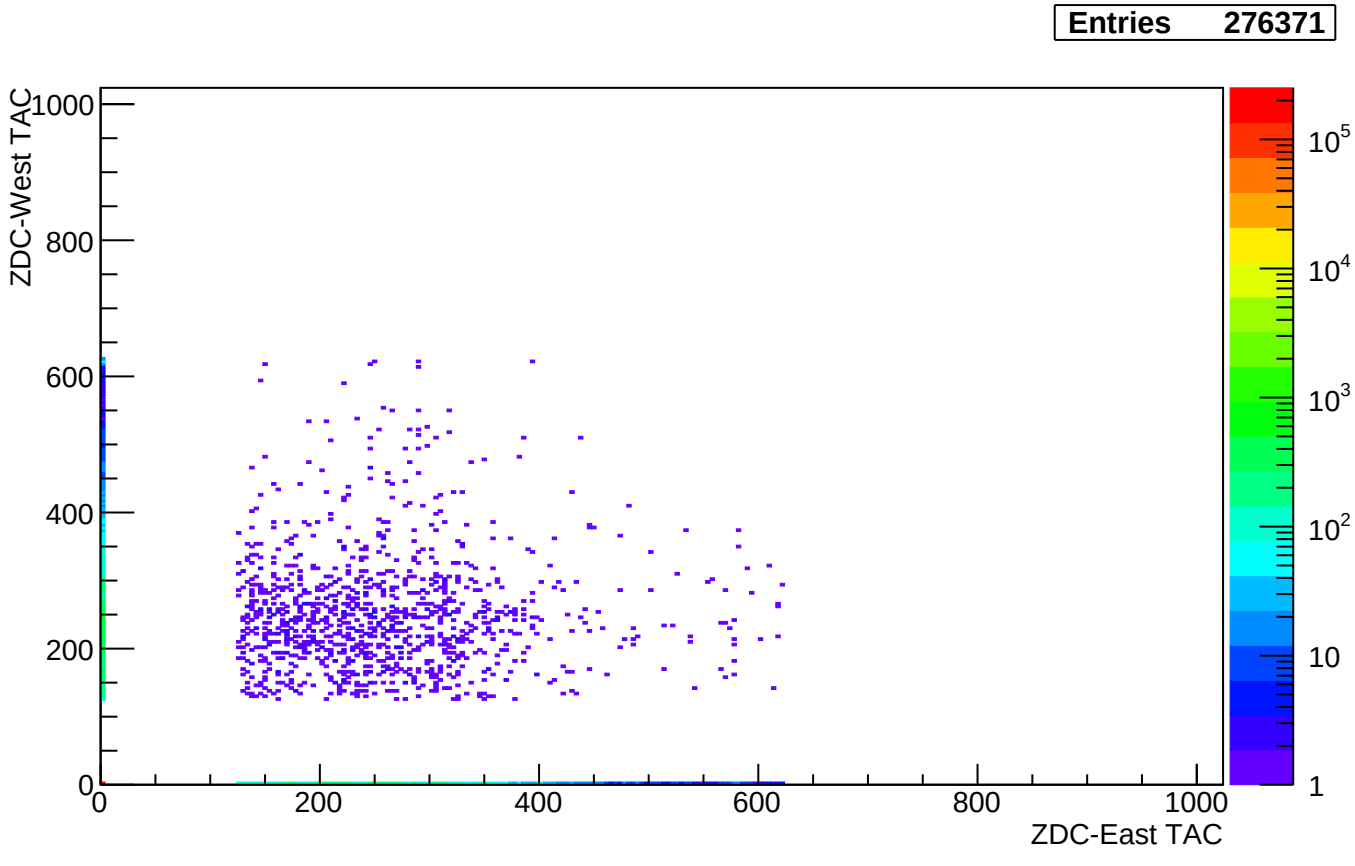

Entries 276371
TOF-Mult
VPD-East ADC Sum

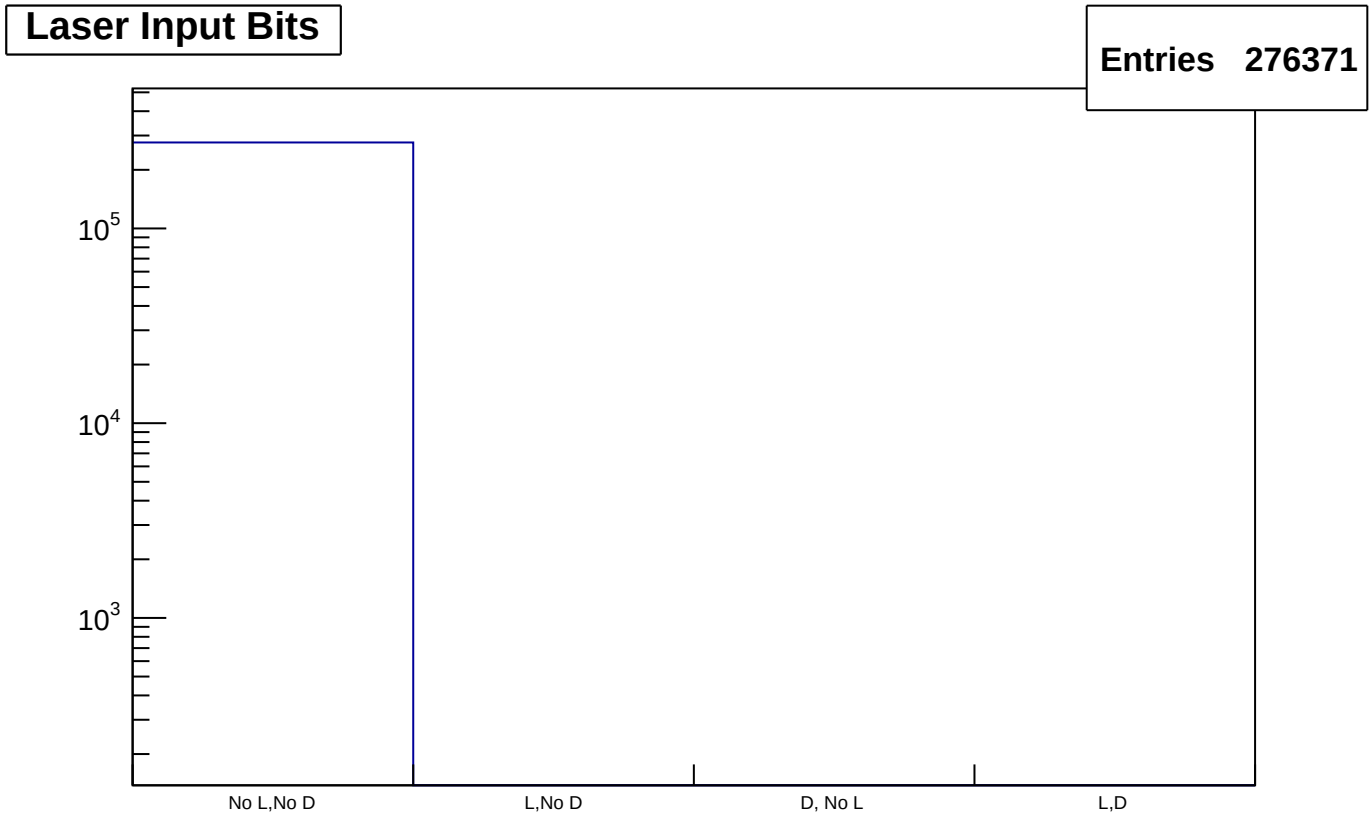

Entries 276371
TOF-Mult
VPD-West ADC Sum

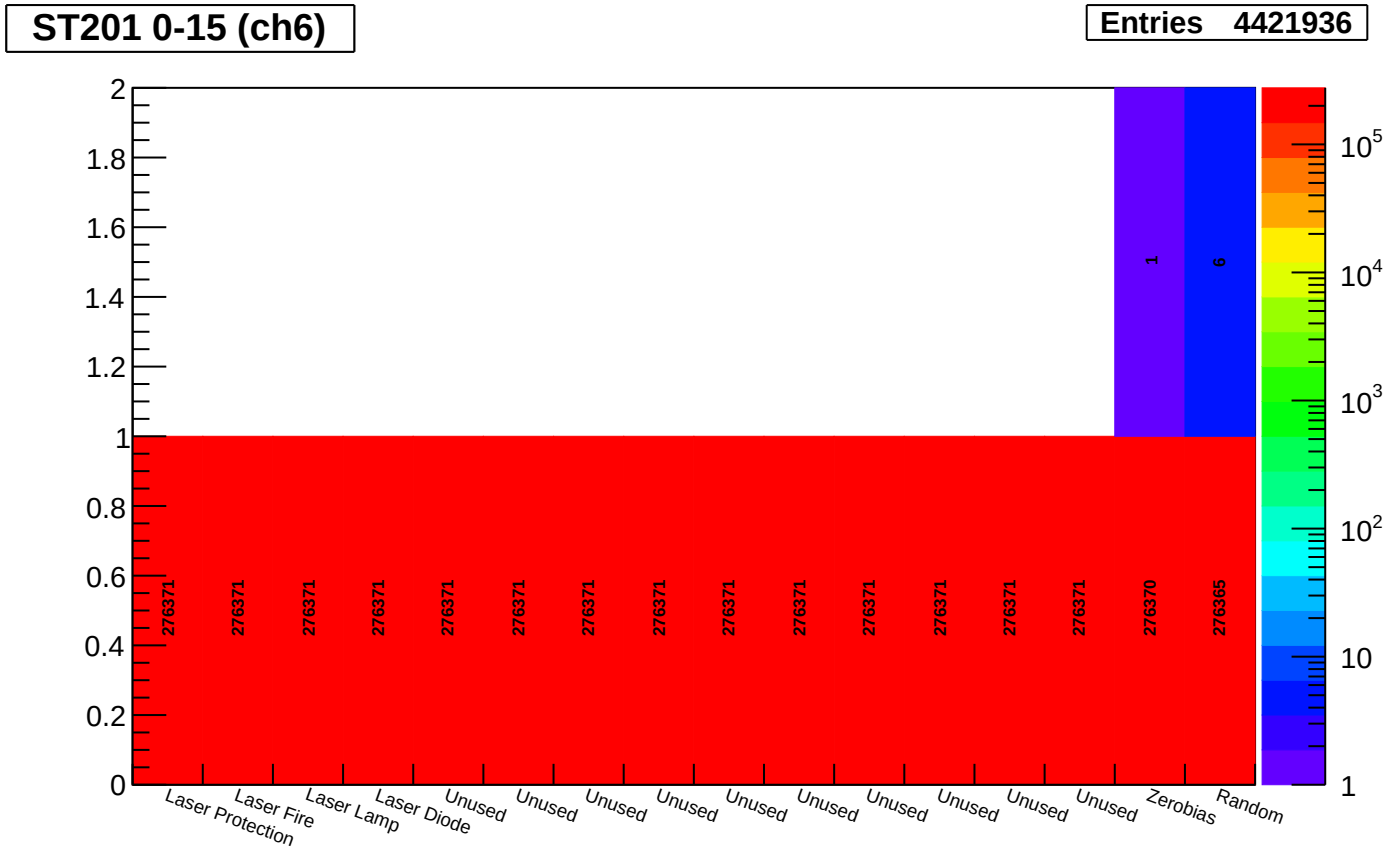

Entries 276371
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 276371
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 276371
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}

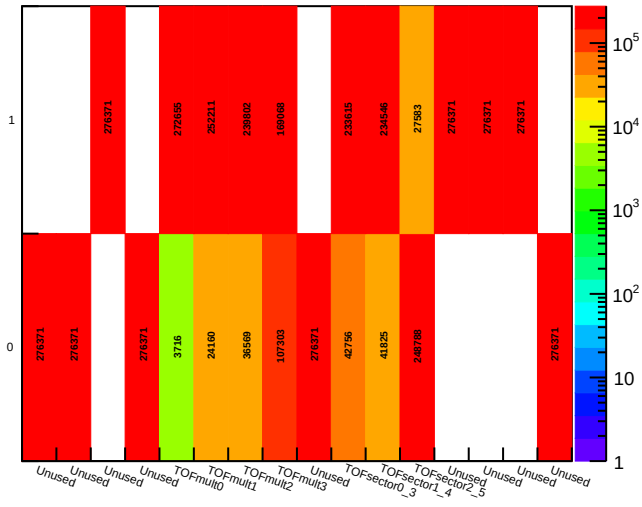

Entries 276371
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1


Laser Input Bits
Entries 276371
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 4421936
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
276371
276371
276371
276371
276371
276371
276371
276371
276371
276371
276371
276371
276371
276371
276370
276365
1
6
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

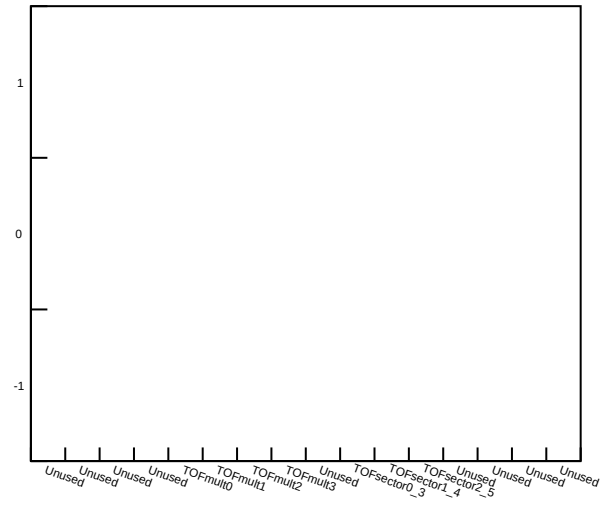
TF201 0-15 (ch0)

Entries 4421936



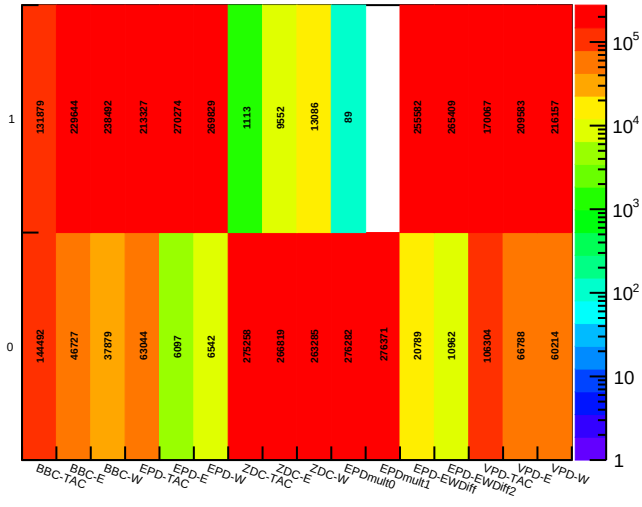
TF201 0-15 (ch0)

Entries 0



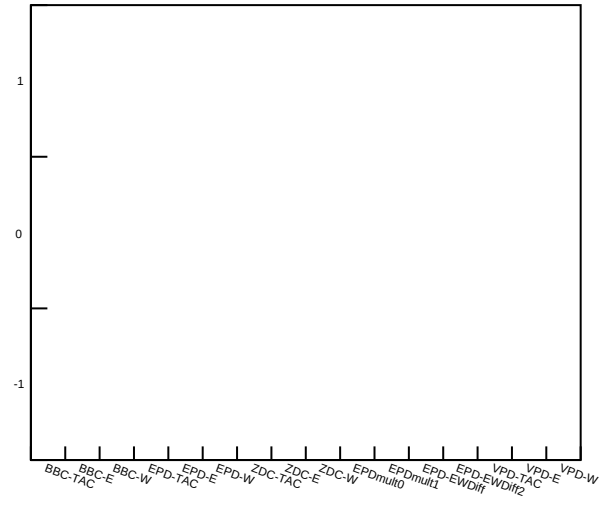
VT201 0-15 (ch1)

Entries 4421936



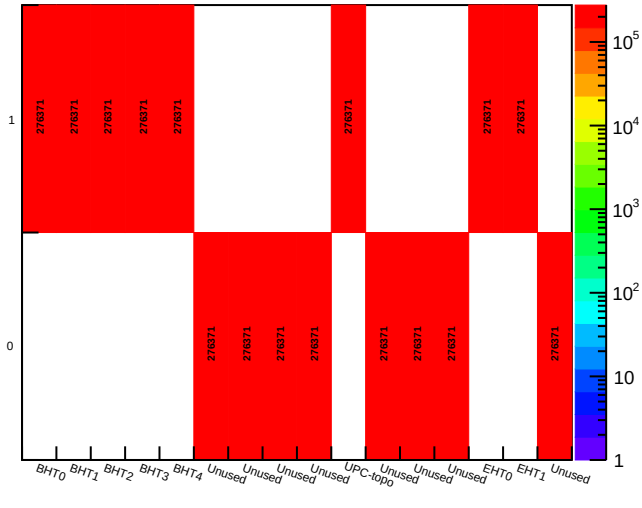
VT201 0-15 (ch1)

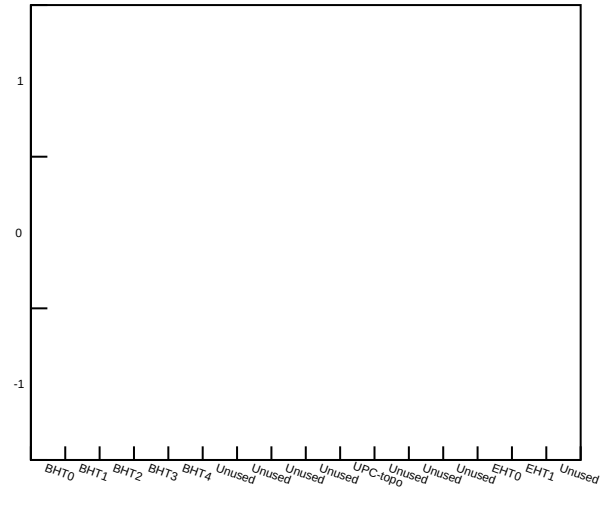
Entries 0



EM201 0-15 (ch3)

Entries 4421936



EM201 0-15 (ch3)

Entries 0