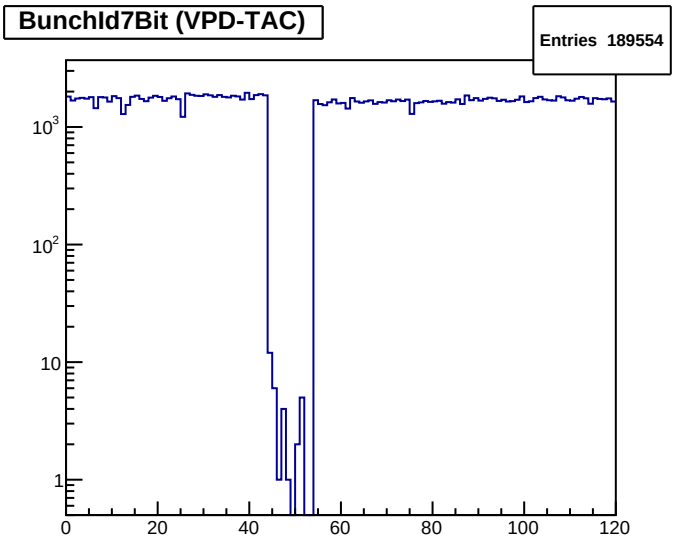
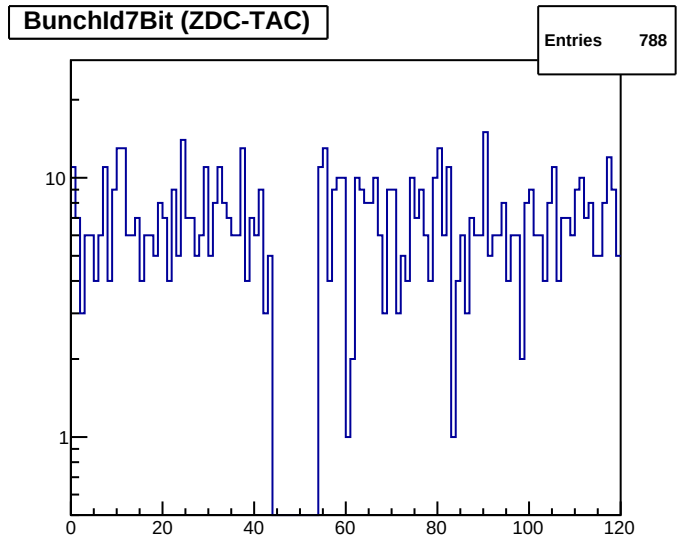
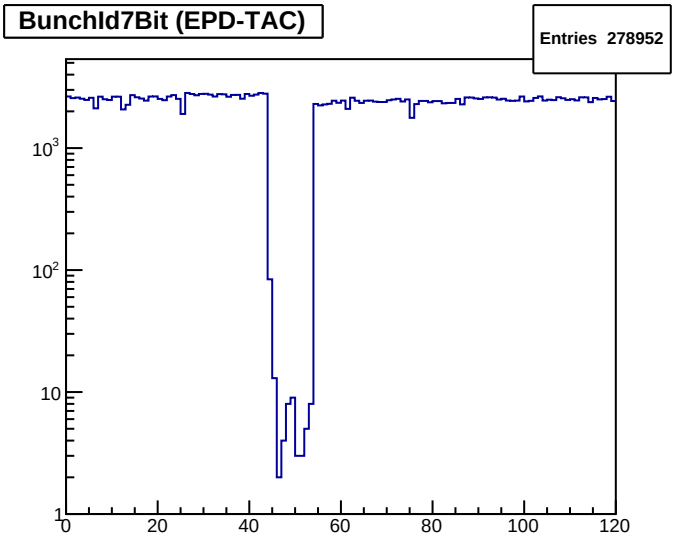
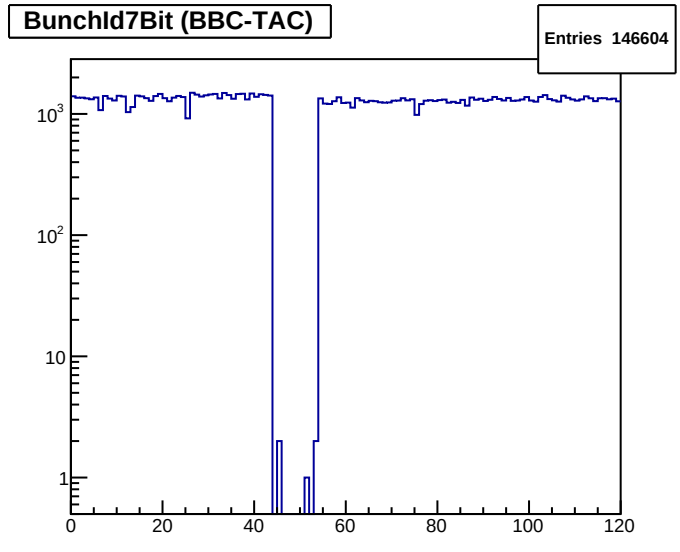
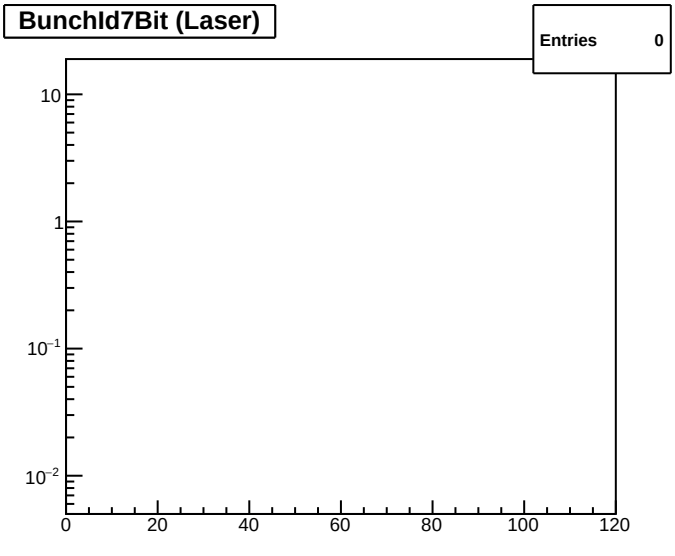
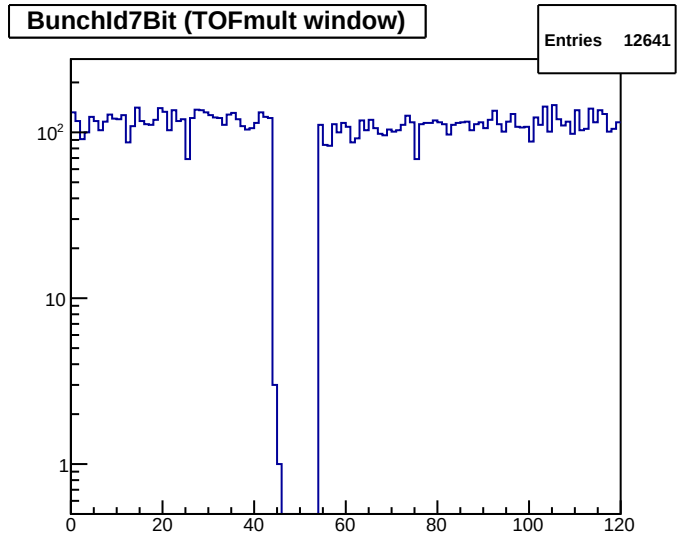

BunchId7Bit (VPD-TAC)
Entries 189554

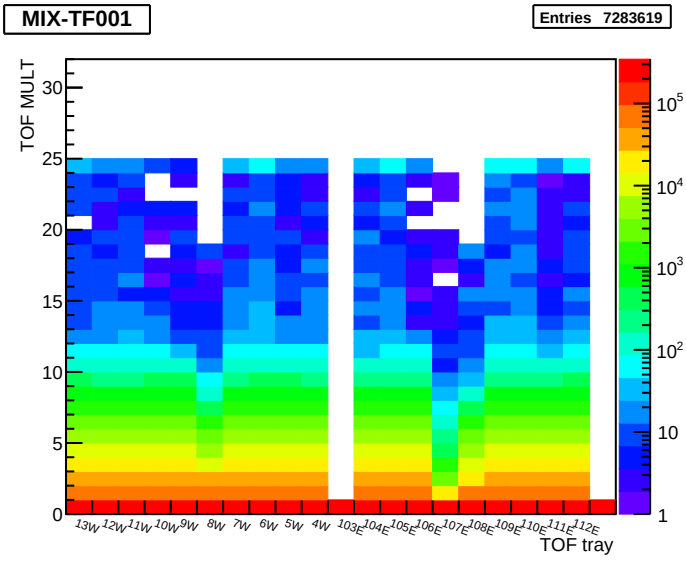

BunchId7Bit (ZDC-TAC)
Entries 788

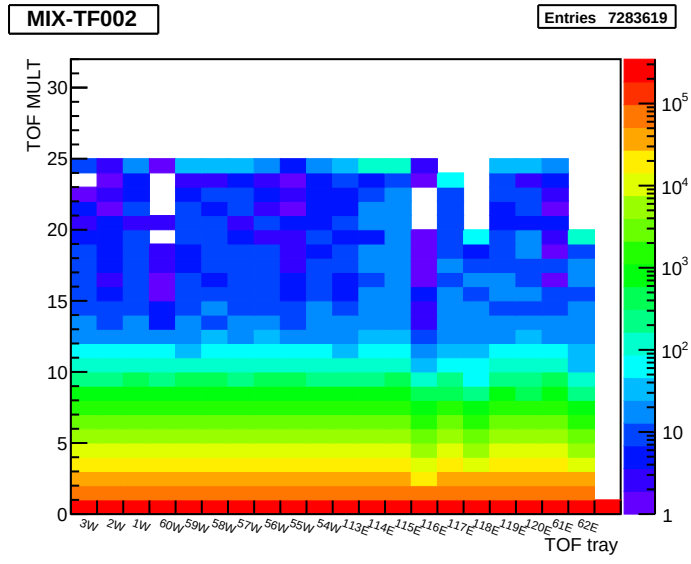

BunchId7Bit (EPD-TAC)
Entries 278952

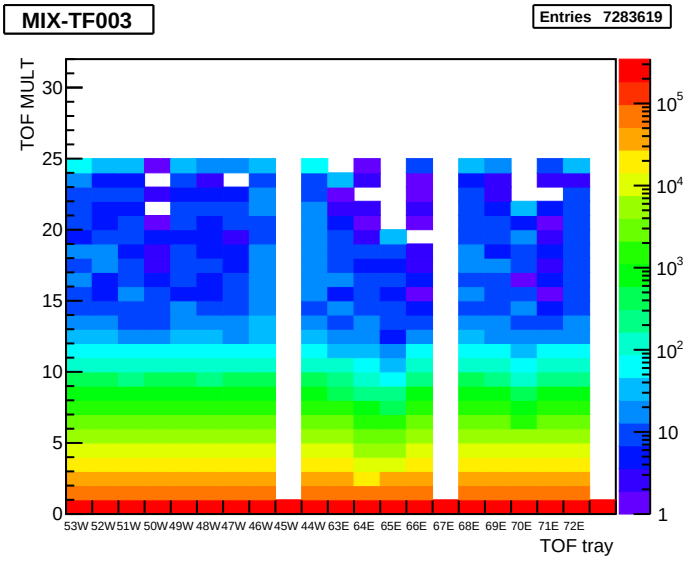

BunchId7Bit (BBC-TAC)
Entries 146604

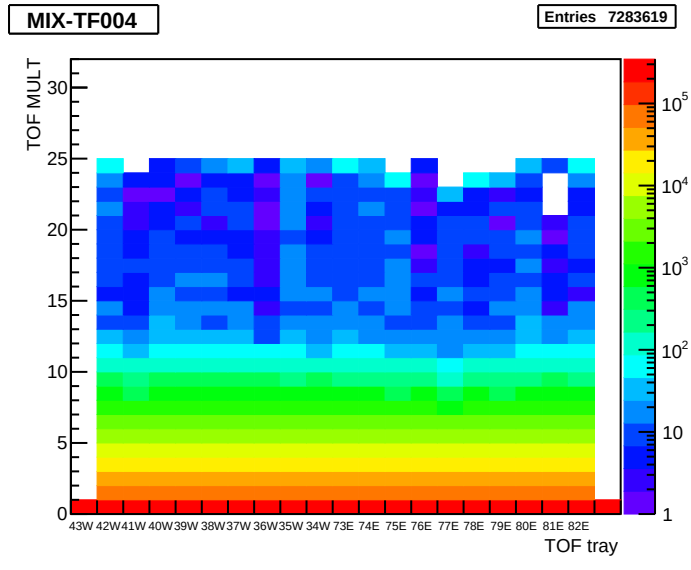

BunchId7Bit (Laser)
Entries 0

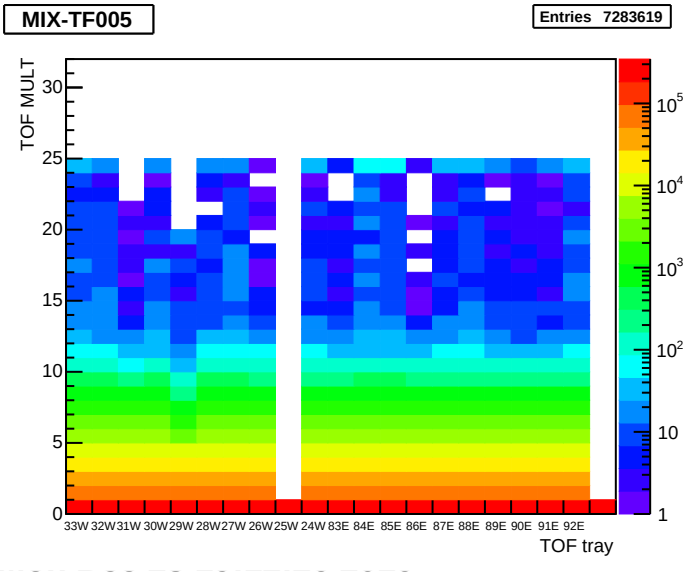

BunchId7Bit (TOFmult window)
Entries 12641

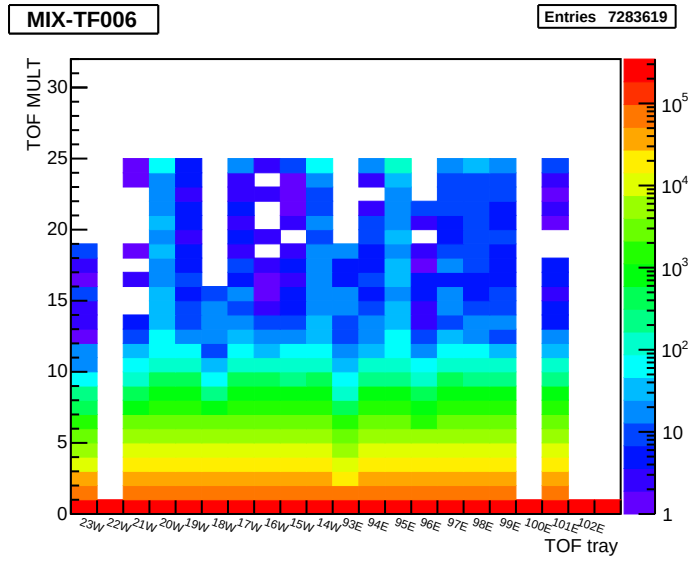

MIX-TF001
Entries 7283619
TOF MULT
TOF tray

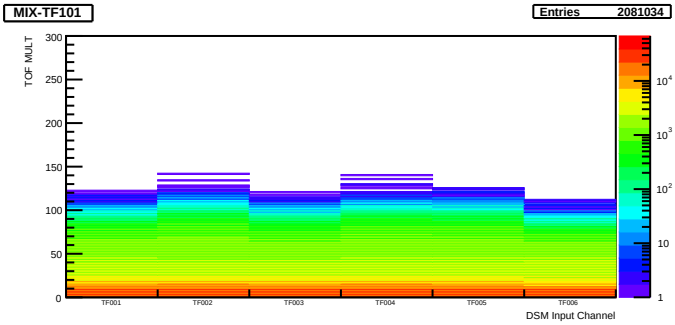

MIX-TF002
Entries 7283619
TOF MULT
TOF tray

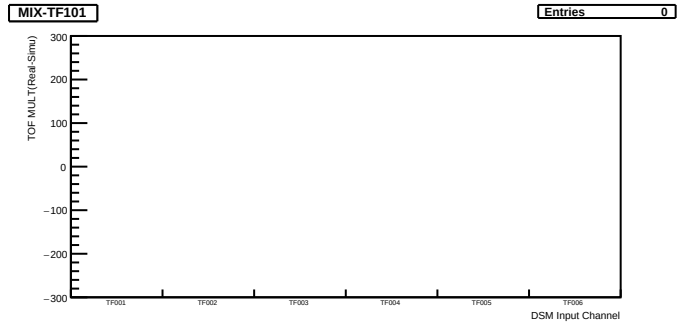

MIX-TF003
Entries 7283619
TOF MULT
TOF tray

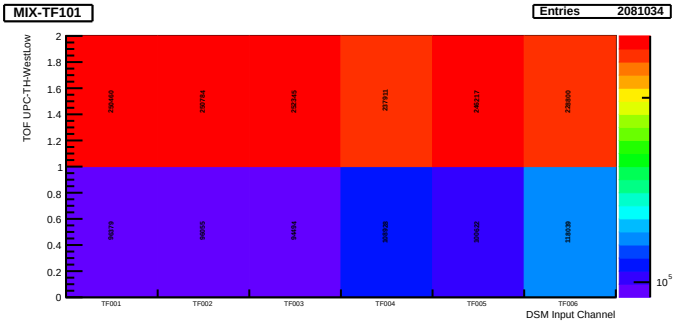

MIX-TF004
Entries 7283619
TOF MULT
TOF tray

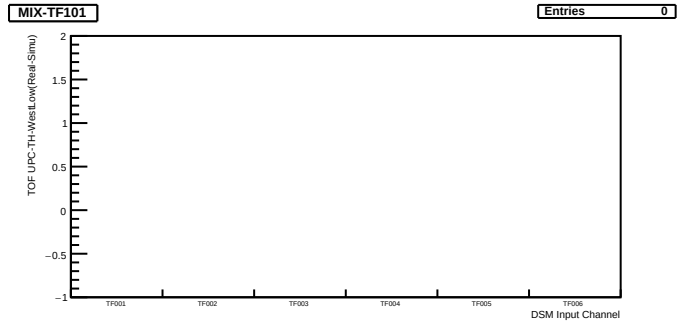

MIX-TF005
Entries 7283619
TOF MULT
TOF tray

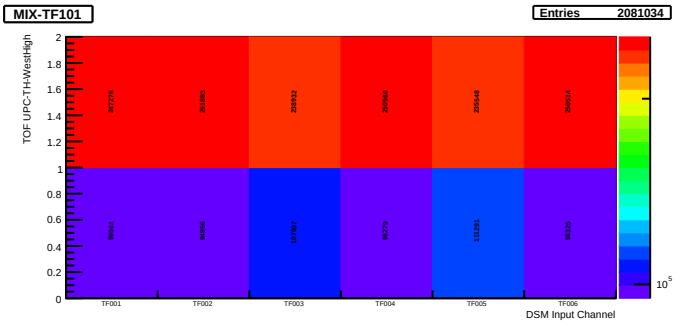

MIX-TF006
Entries 7283619
TOF MULT
TOF tray

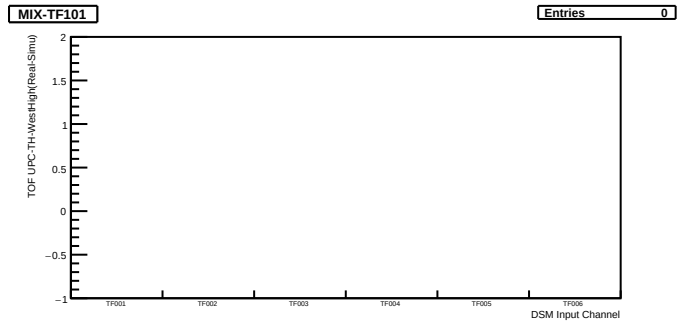

MIX-TF101
Entries 2081034
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

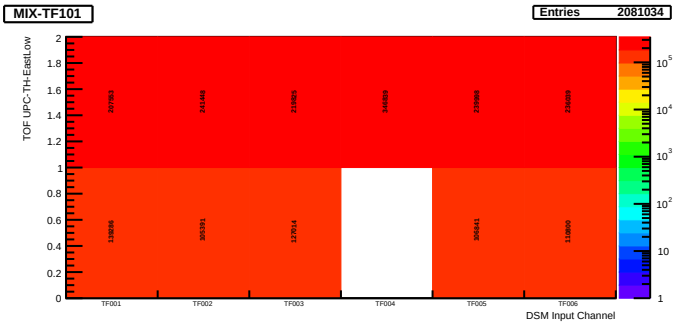

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

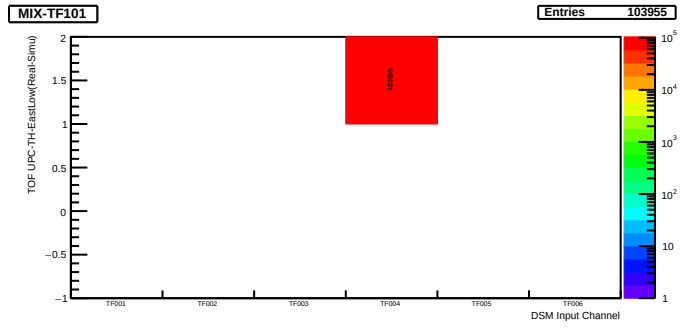

MIX-TF101
Entries 2081034
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

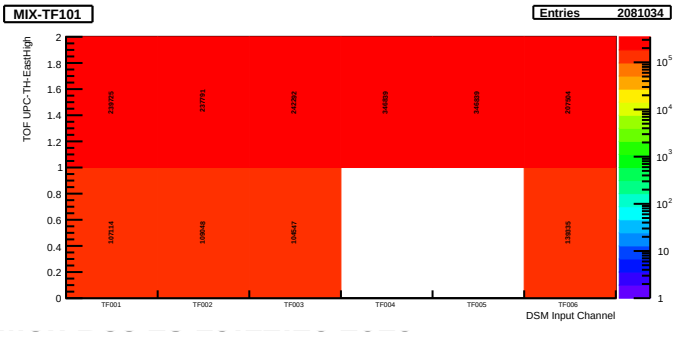

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

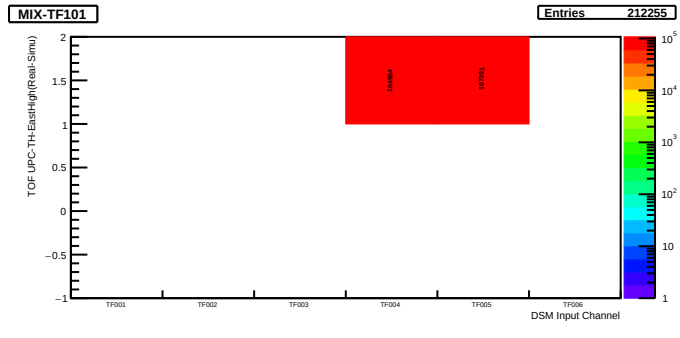

MIX-TF101
Entries 2081034
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

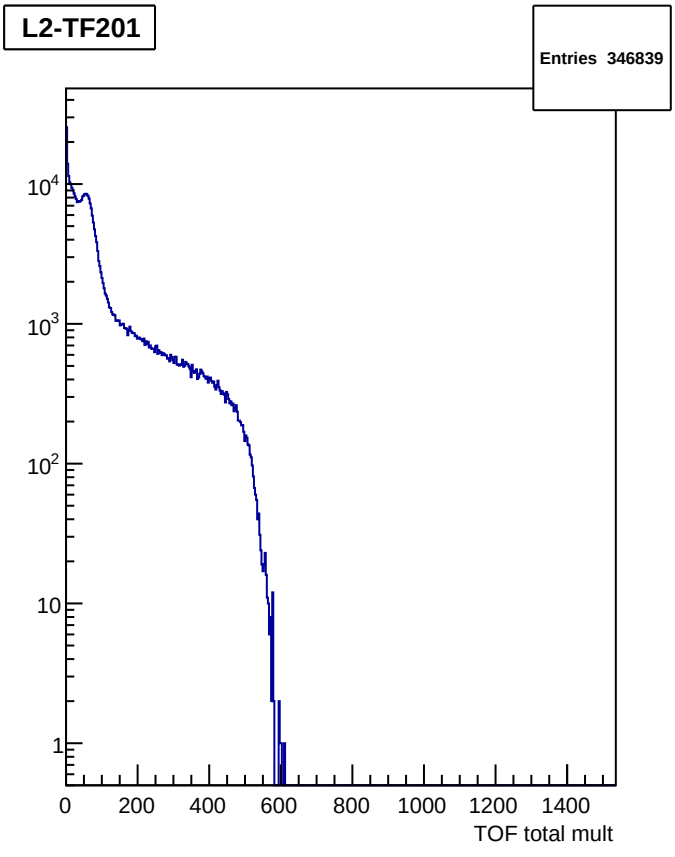

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

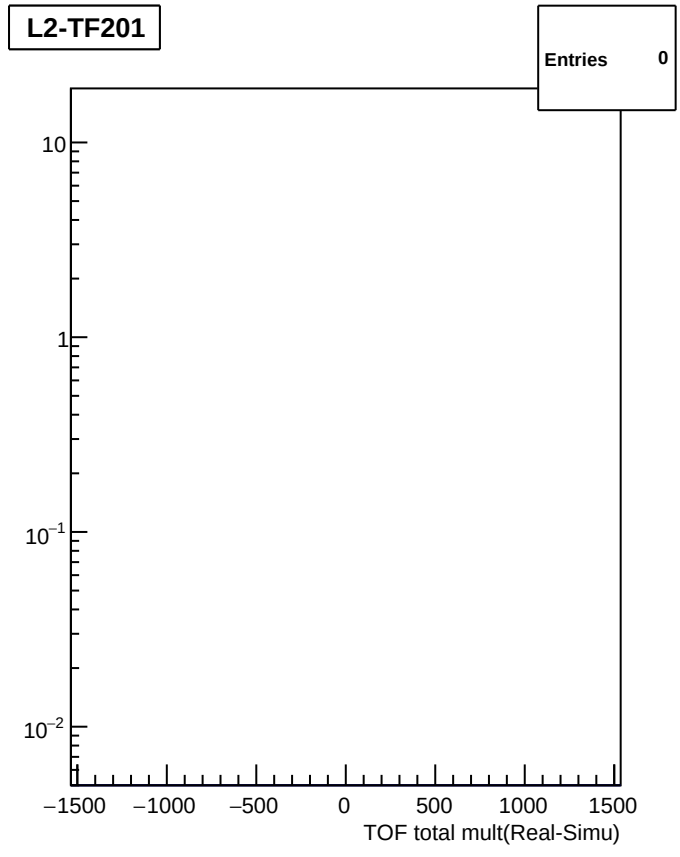

MIX-TF101
Entries 2081034
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

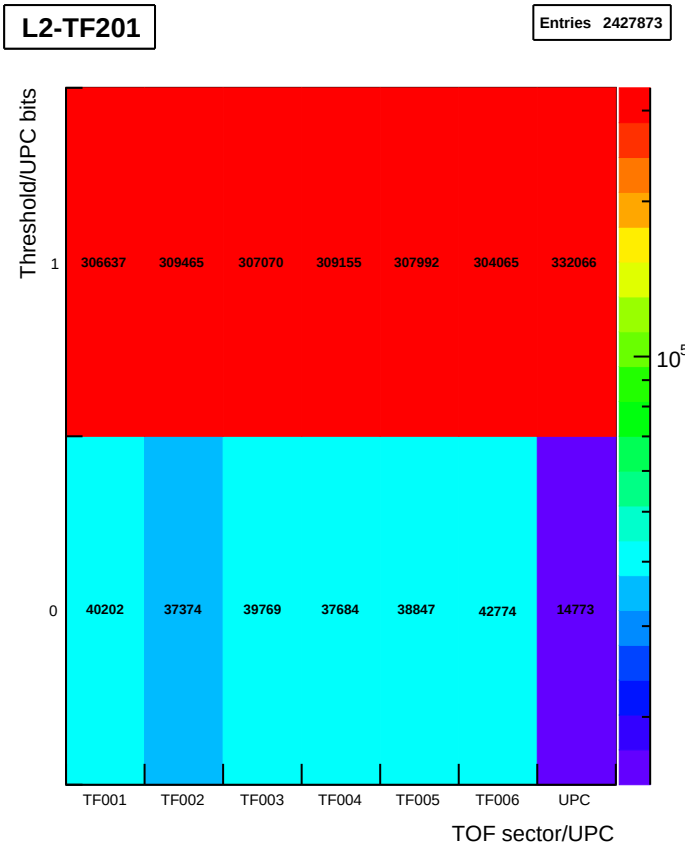

MIX-TF101
Entries 103955
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

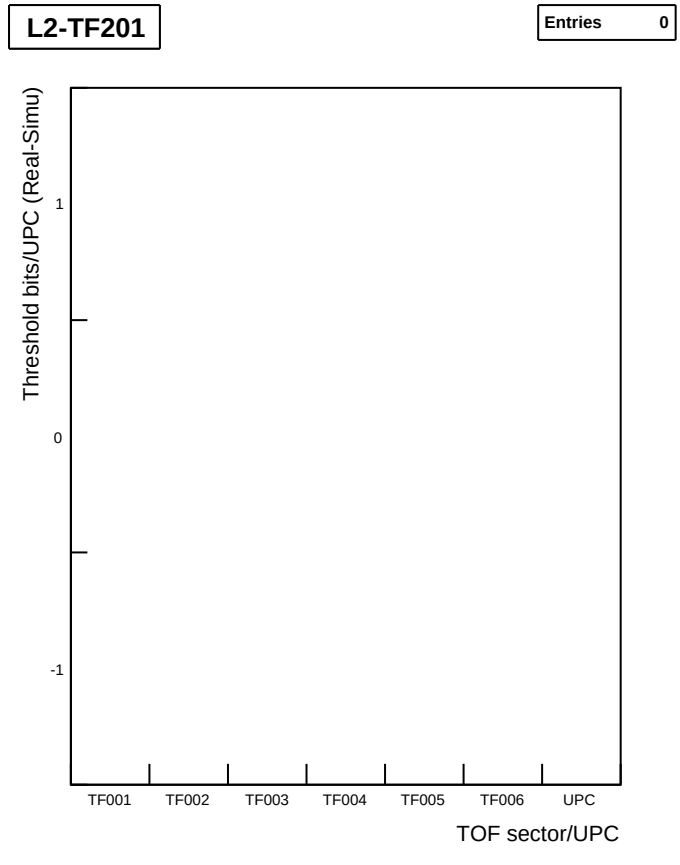

MIX-TF101
Entries 2081034
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

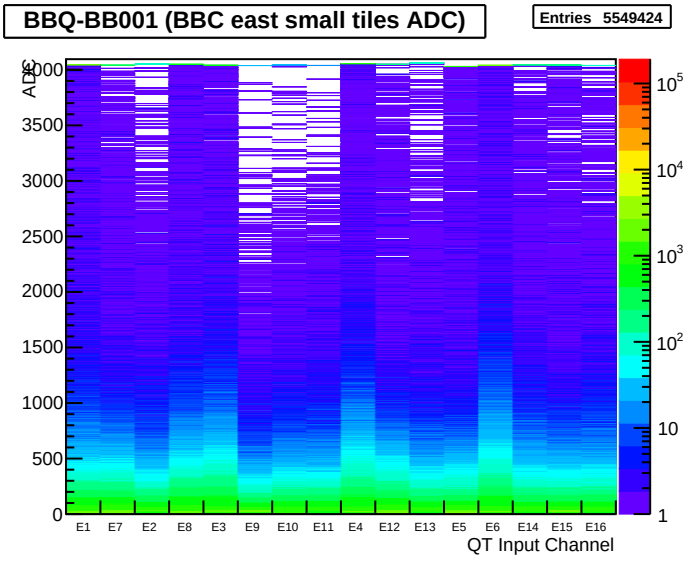

MIX-TF101
Entries 212255
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

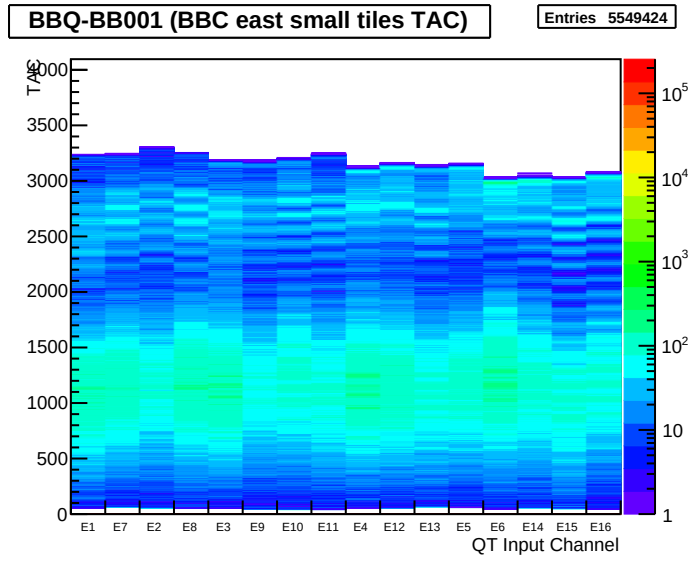

L2-TF201
Entries 346839
TOF total mult

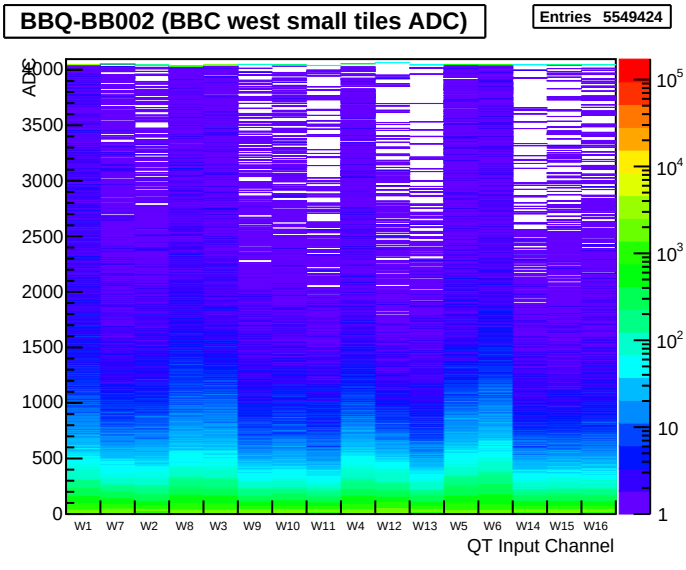

L2-TF201
Entries 0
TOF total mult(Real-Simu)

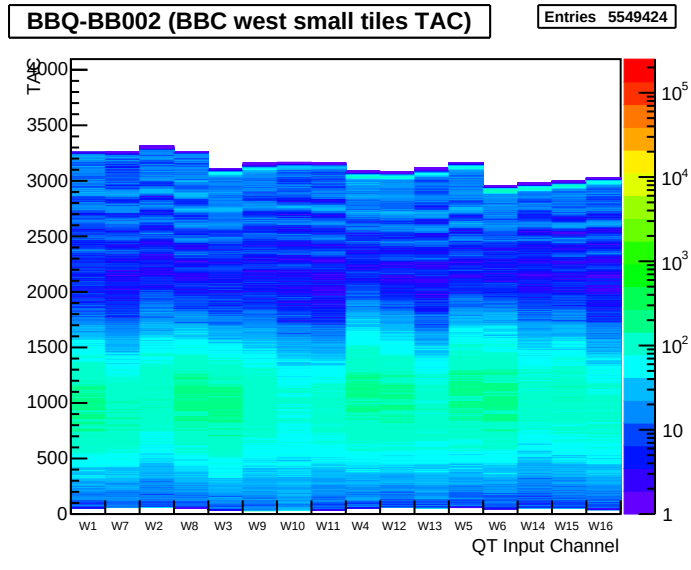

L2-TF201
Entries 2427873
Threshold/UPC bits
306637
309465
307070
309155
307992
304065
332066
40202
37374
39769
37684
38847
42774
14773
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

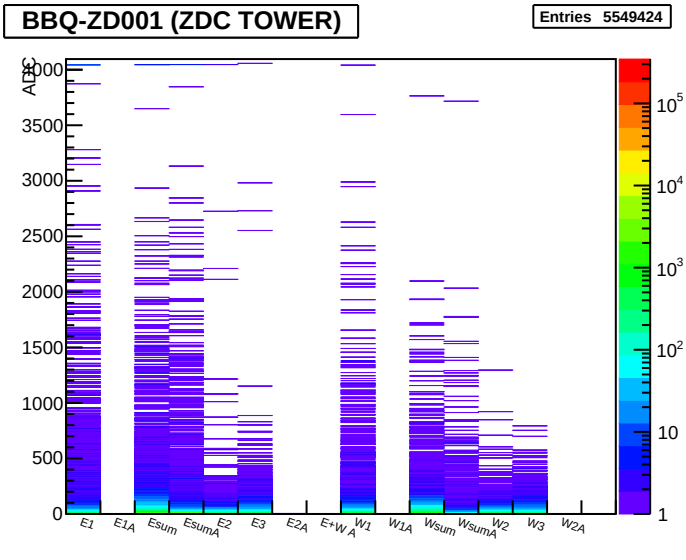

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

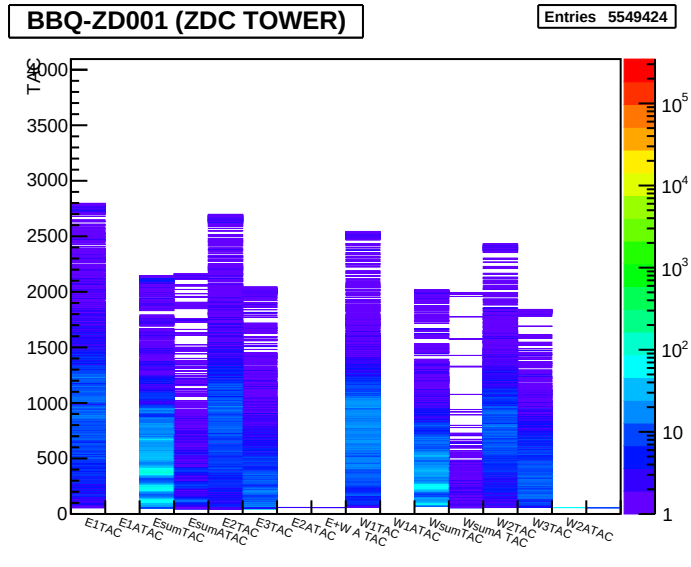

BBQ-BB001 (BBC east small tiles ADC)
Entries 5549424
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

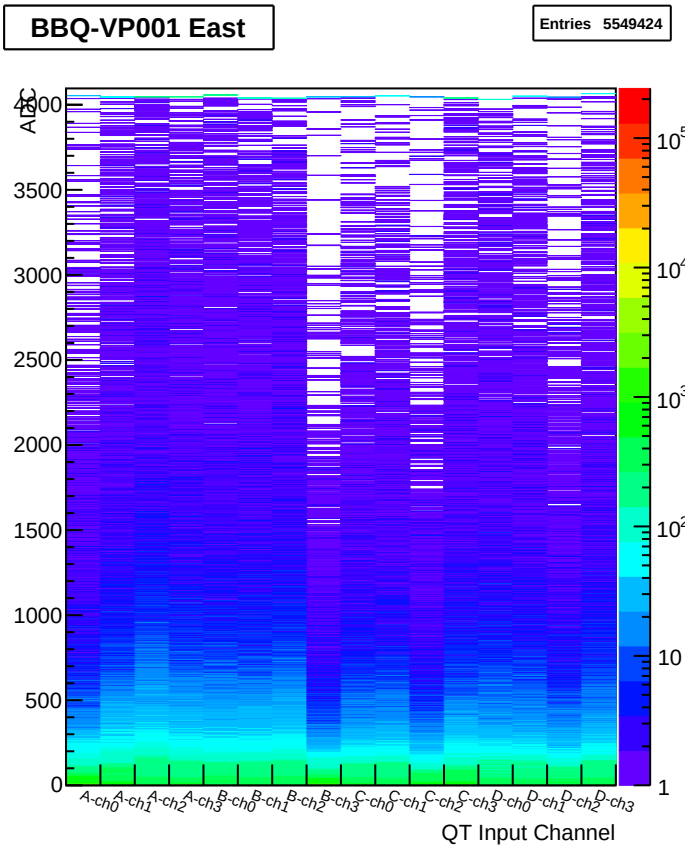

BBQ-BB001 (BBC east small tiles TAC)
Entries 5549424
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

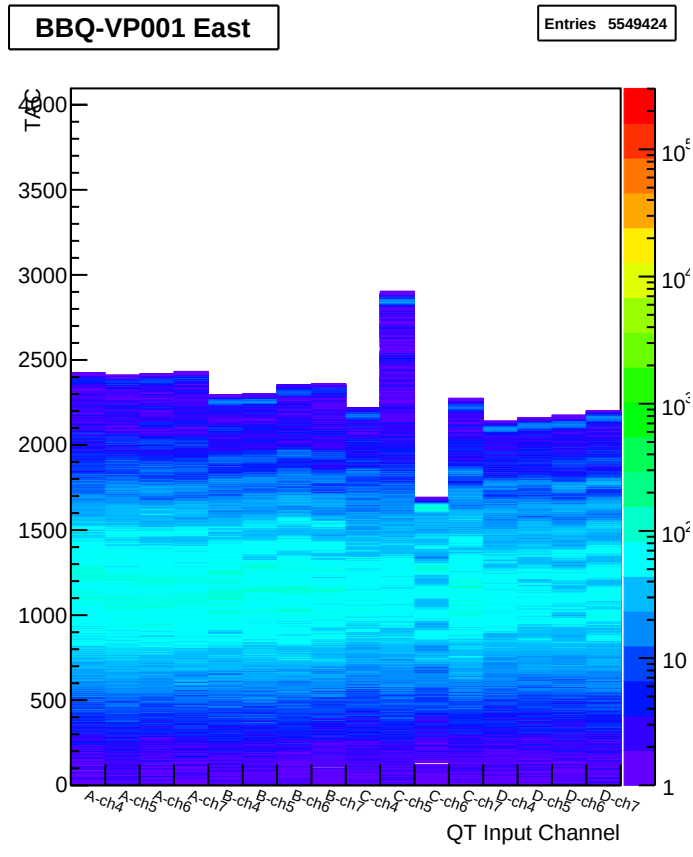

BBQ-BB002 (BBC west small tiles ADC)
Entries 5549424
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

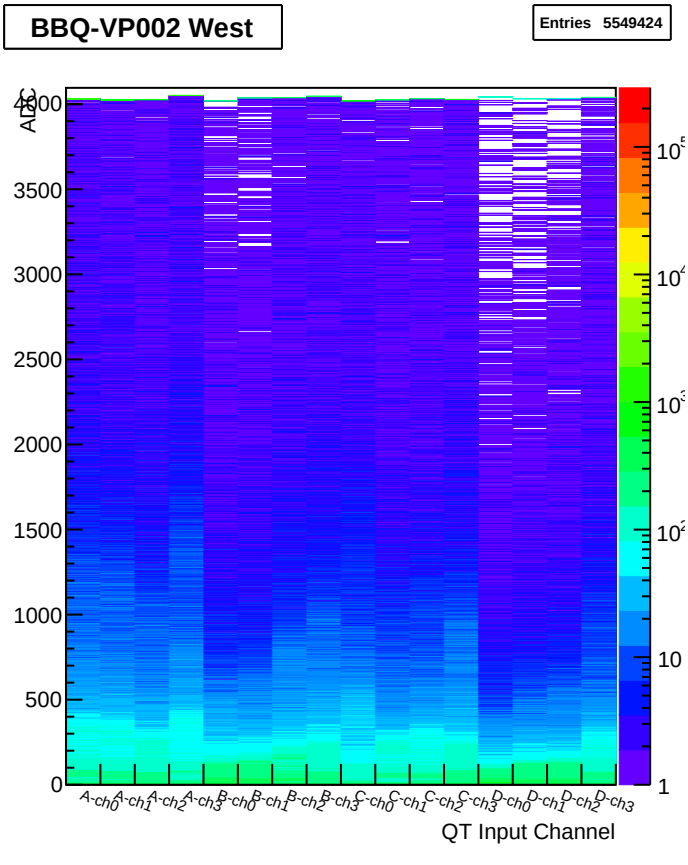

BBQ-BB002 (BBC west small tiles TAC)
Entries 5549424
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

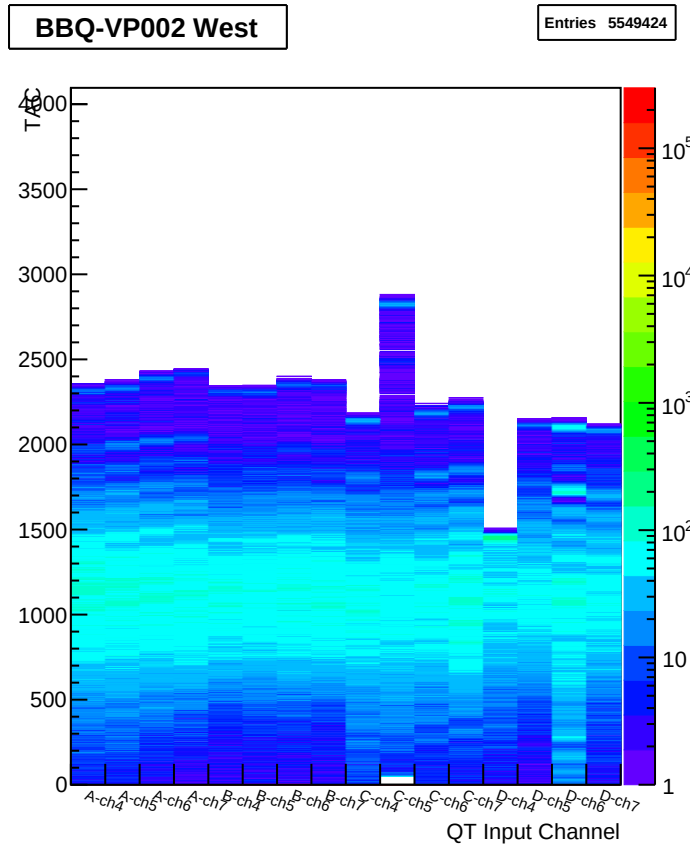

BBQ-ZD001 (ZDC TOWER)
Entries 5549424
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

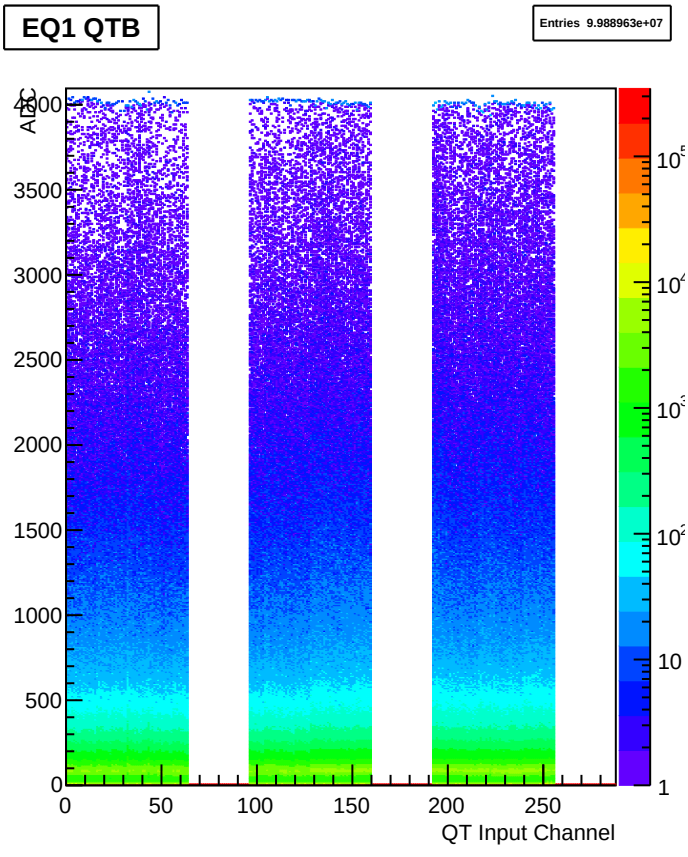

BBQ-ZD001 (ZDC TOWER)
Entries 5549424
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

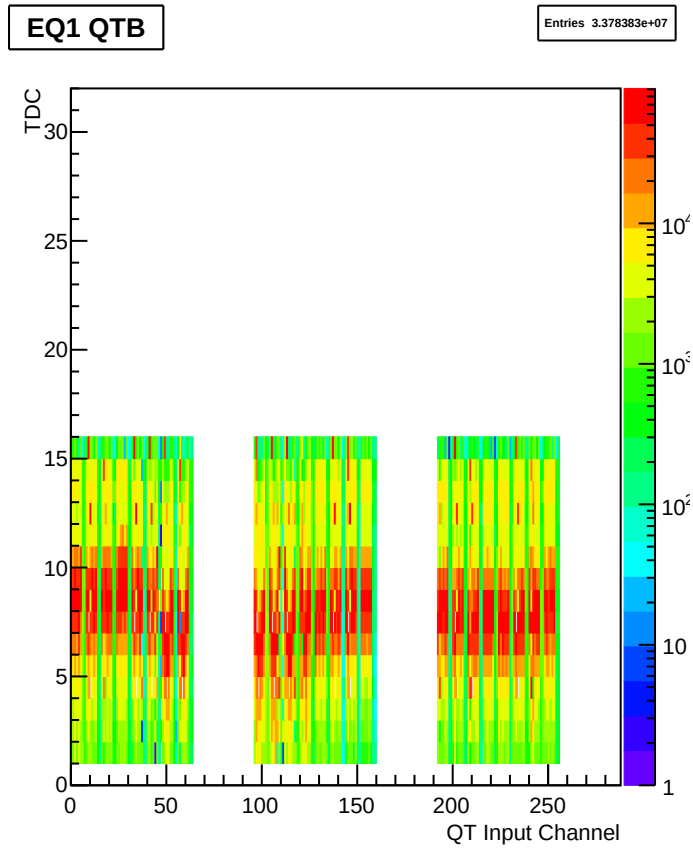

BBQ-VP001 East
Entries 5549424
ADC
QT Input Channel

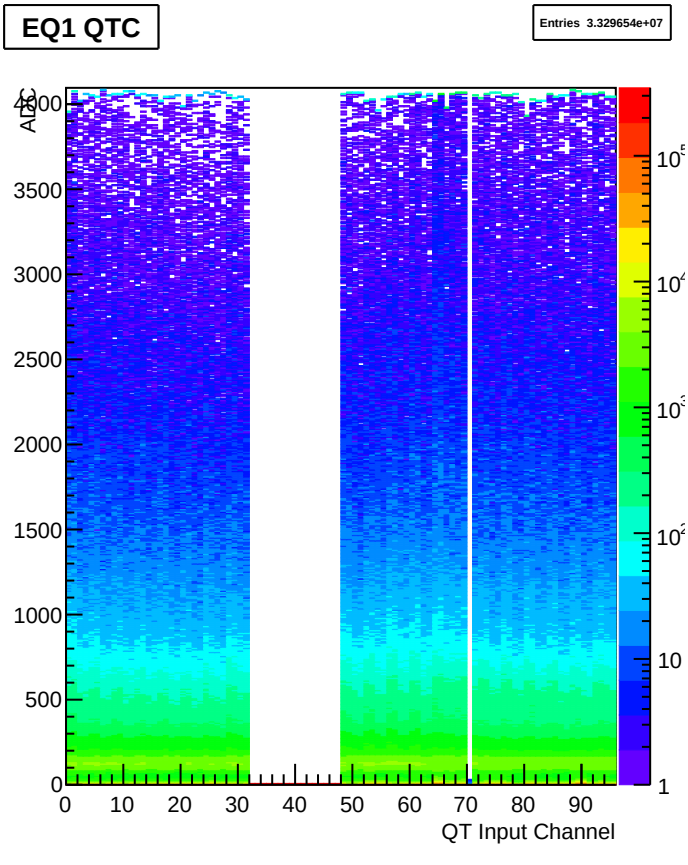

BBQ-VP001 East
Entries 5549424
TADC
QT Input Channel

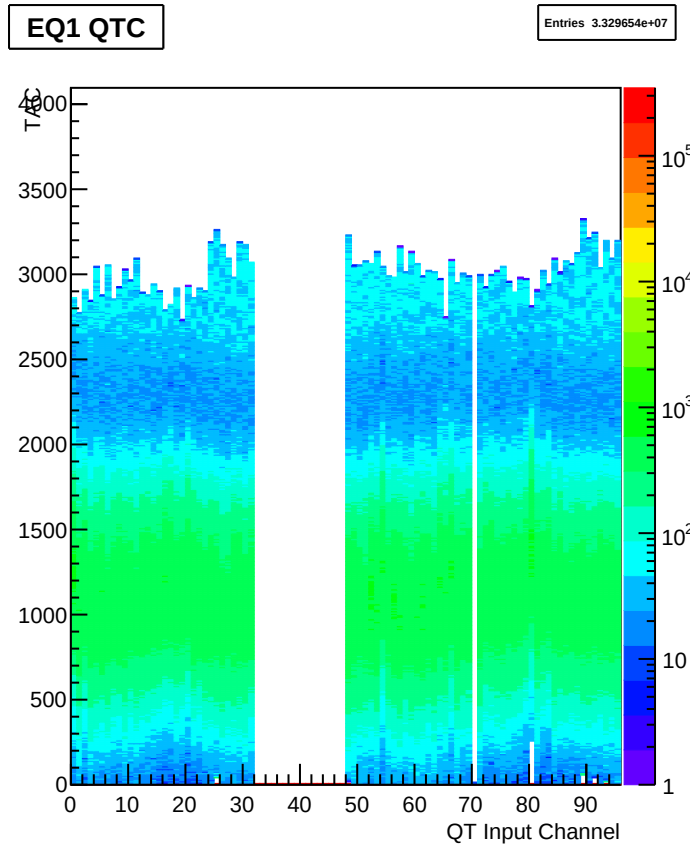

BBQ-VP002 West
Entries 5549424
ADC
QT Input Channel

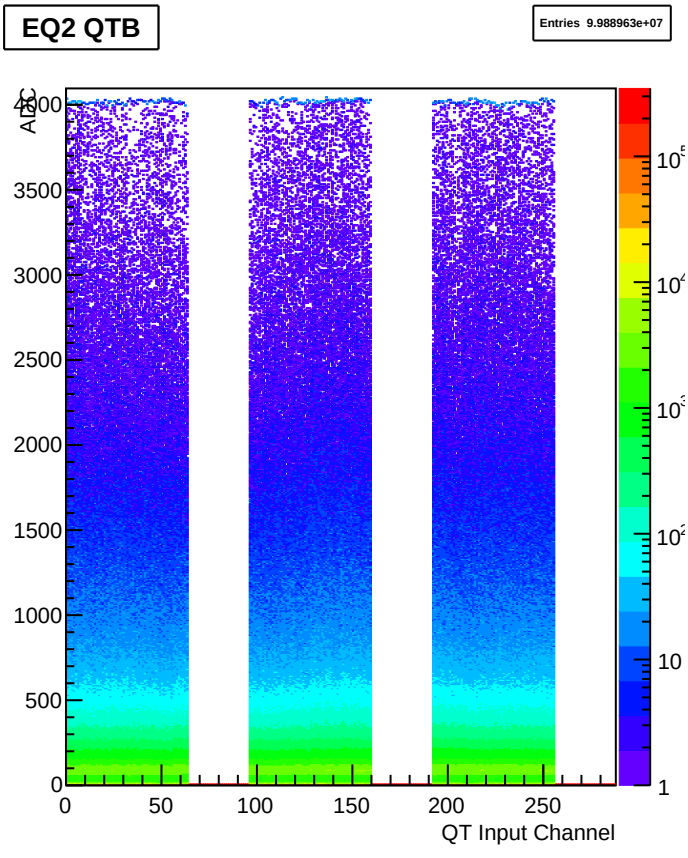

BBQ-VP002 West
Entries 5549424
TADC
QT Input Channel

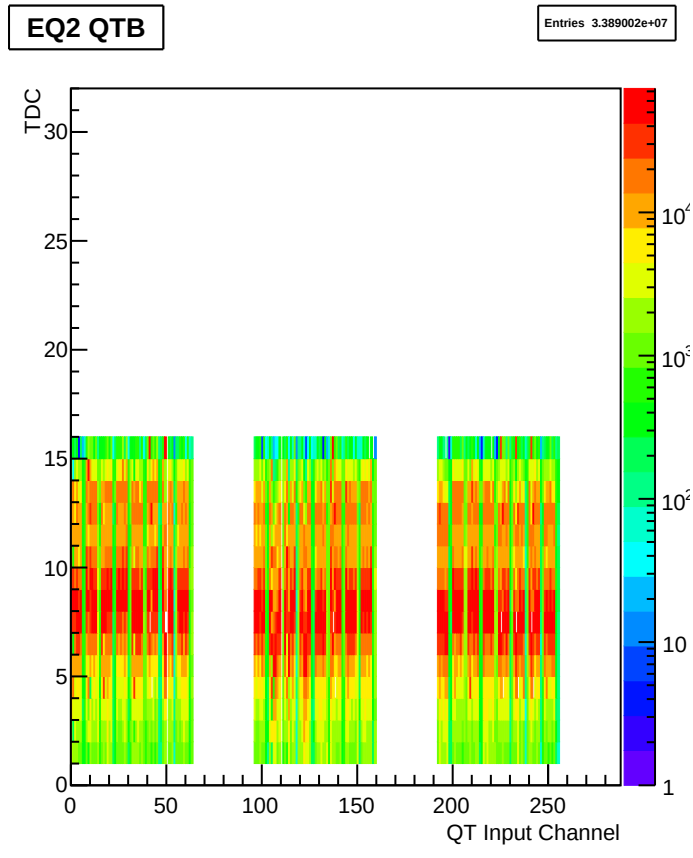

EQ1 QTB
Entries 9.988963e+07
ADC
QT Input Channel

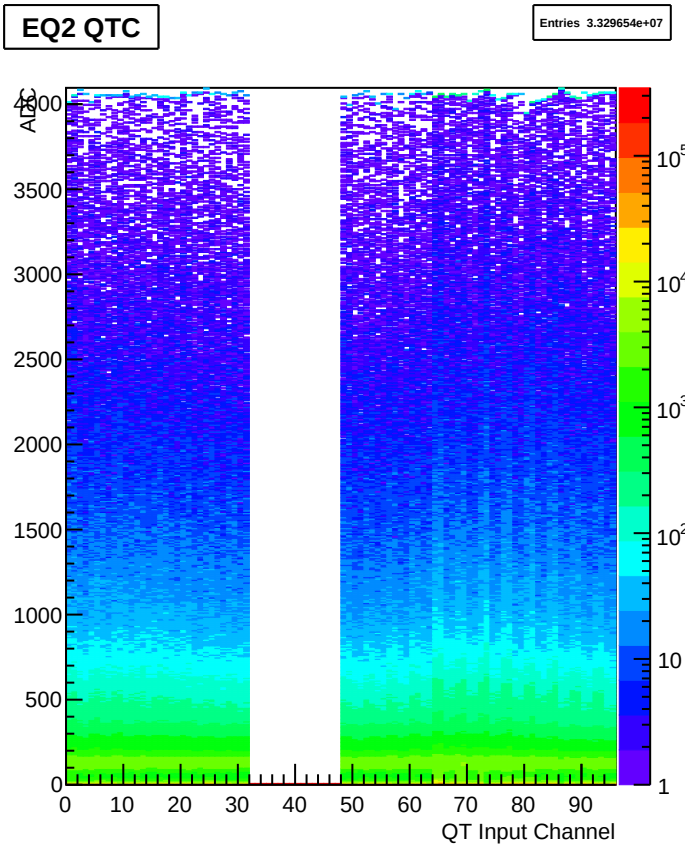

EQ1 QTB
Entries 3.378383e+07
TDC
QT Input Channel

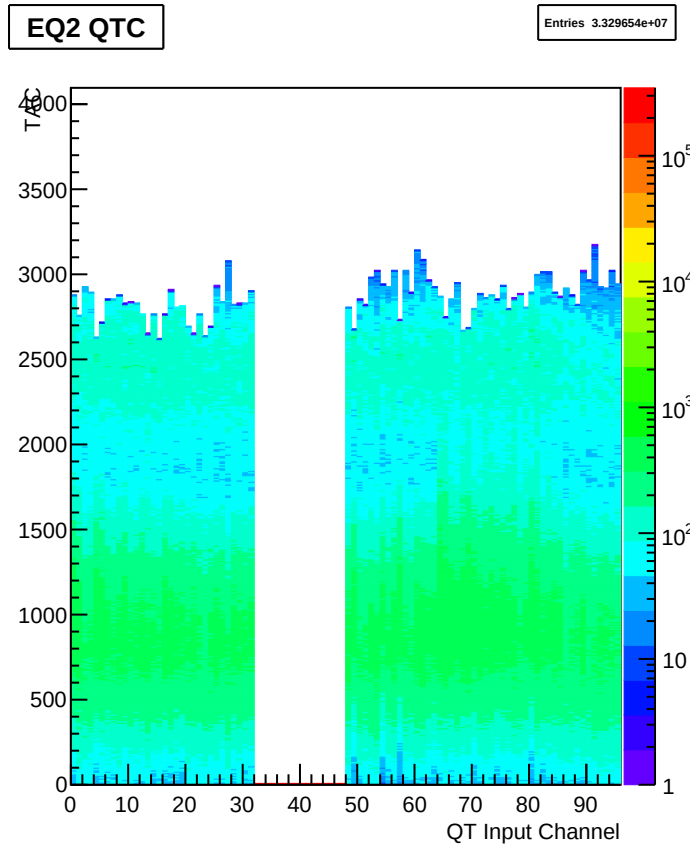

EQ1 QTC
Entries 3.329654e+07
ADC
QT Input Channel

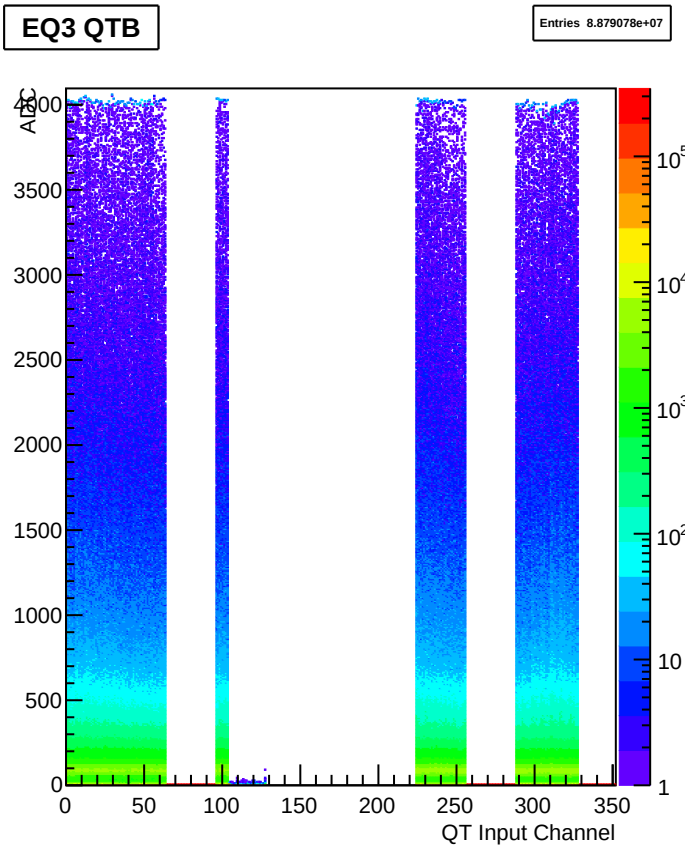

EQ1 QTC
Entries 3.329654e+07
TADC
QT Input Channel

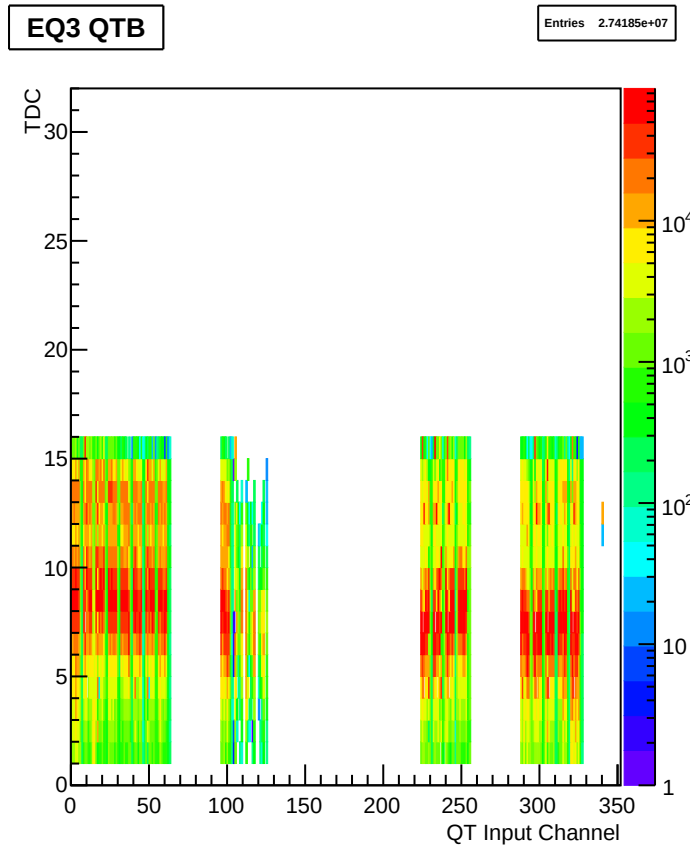

EQ2 QTB
Entries 9.988963e+07
ADC
QT Input Channel

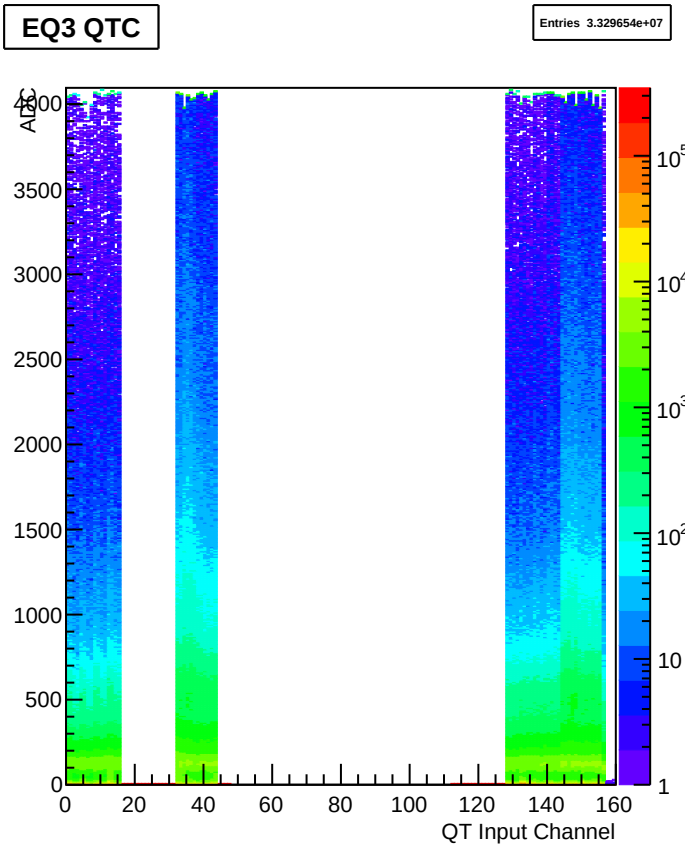

EQ2 QTB
Entries 3.389002e+07
TDC
QT Input Channel

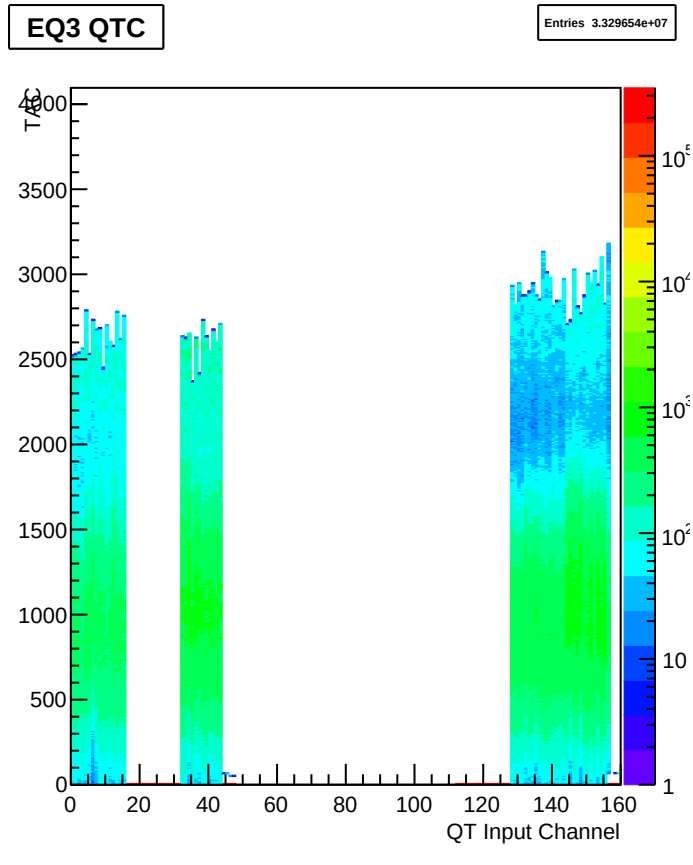

EQ2 QTC
Entries 3.329654e+07
ADC
QT Input Channel

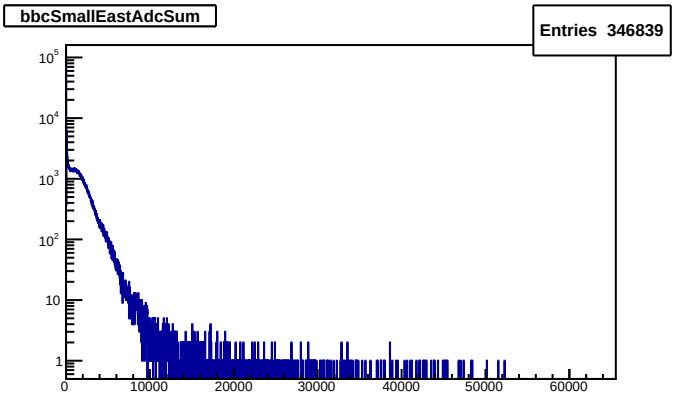

EQ2 QTC
Entries 3.329654e+07
TADC
QT Input Channel

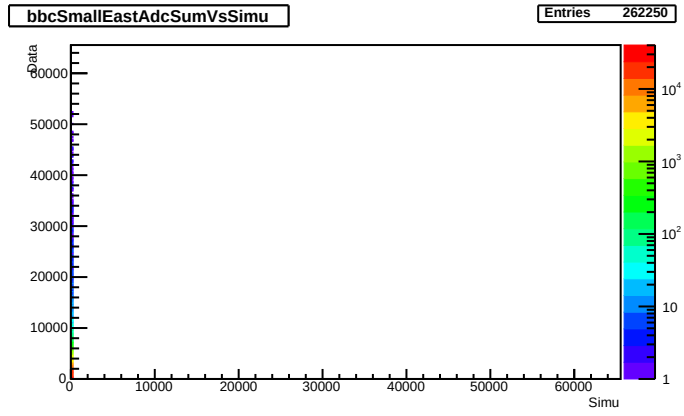

EQ3 QTB
Entries 8.879078e+07
ADC
QT Input Channel

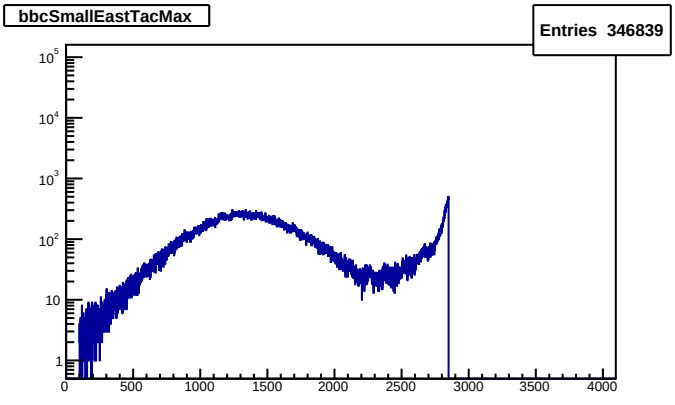

EQ3 QTB
Entries 2.74185e+07
TDC
QT Input Channel

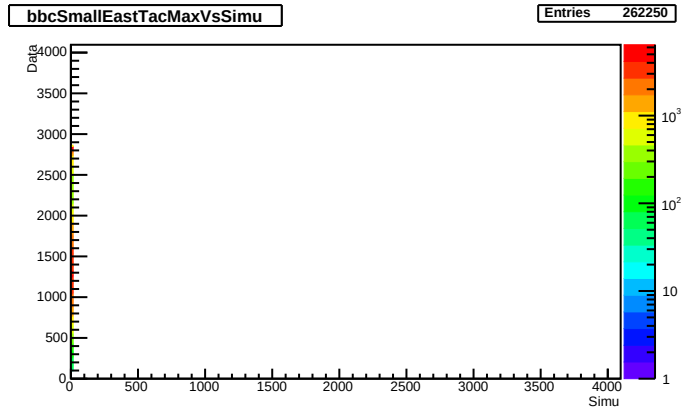

EQ3 QTC
Entries 3.329654e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.329654e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 346839


bbcSmallEastAdcSumVsSimu
Entries 262250
Data
Simu


bbcSmallEastTacMax
Entries 346839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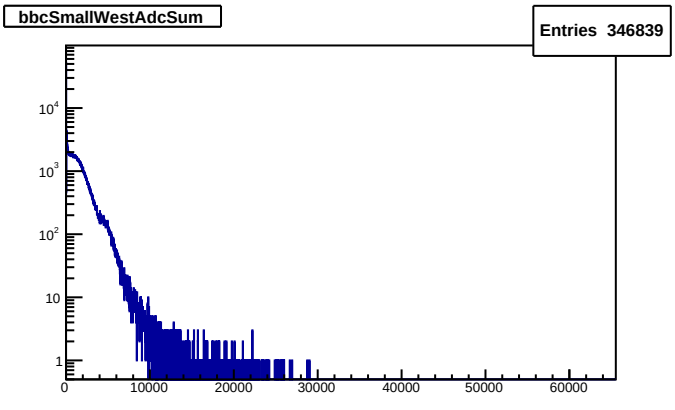
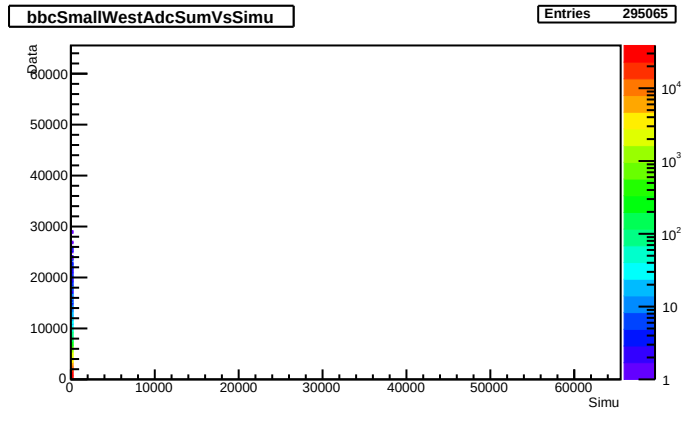
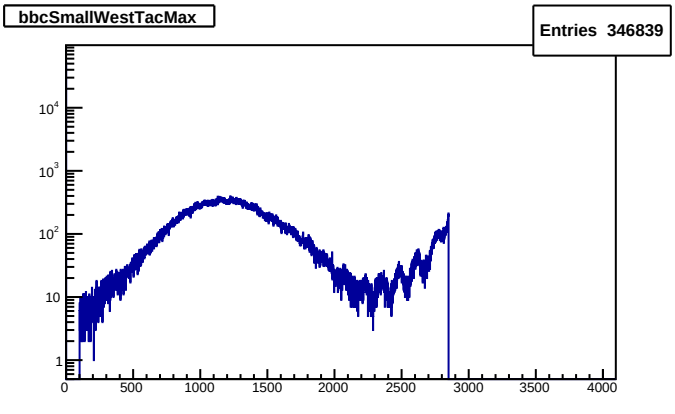
Entries 262250
Data
Simu


bbcSmallWestAdcSum
Entries 346839


bbcSmallWestAdcSumVsSimu
Entries 295065
Data
Simu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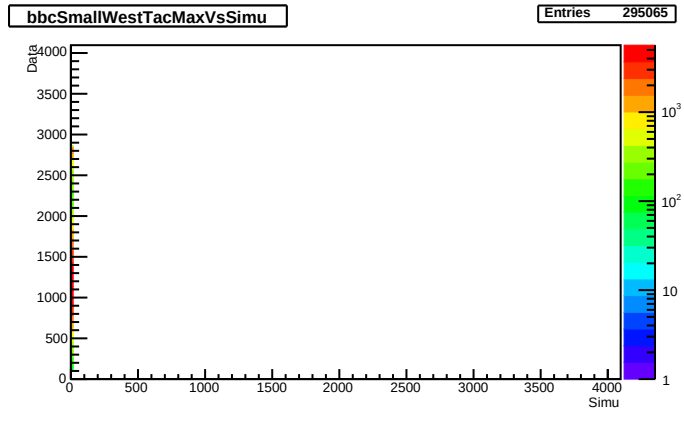
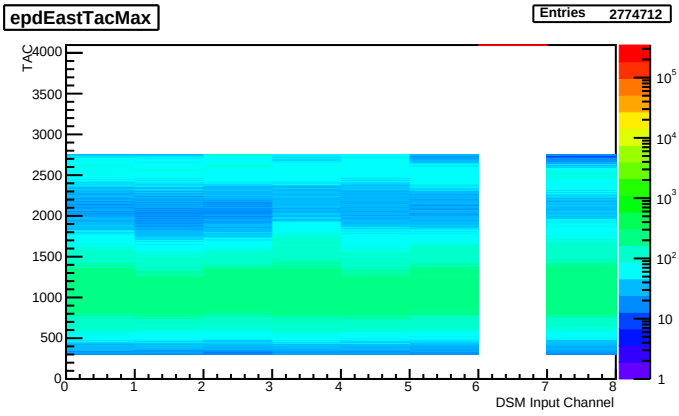
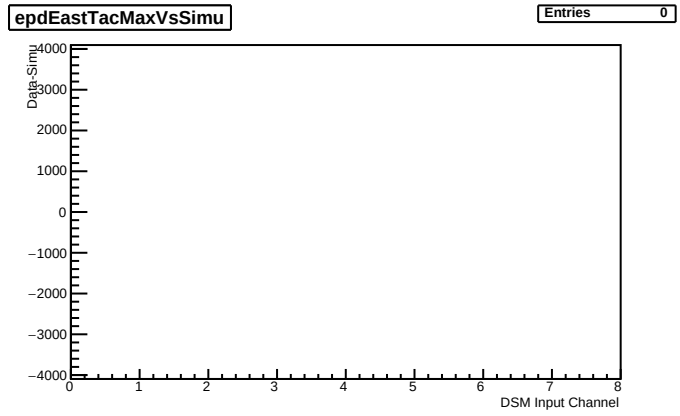
Entries 346839


bbcSmallWestTacMaxVsSimu
Entries 295065
Data
Simu


epdEastTacMax
Entries 2774712
TAC
DSM Input Channel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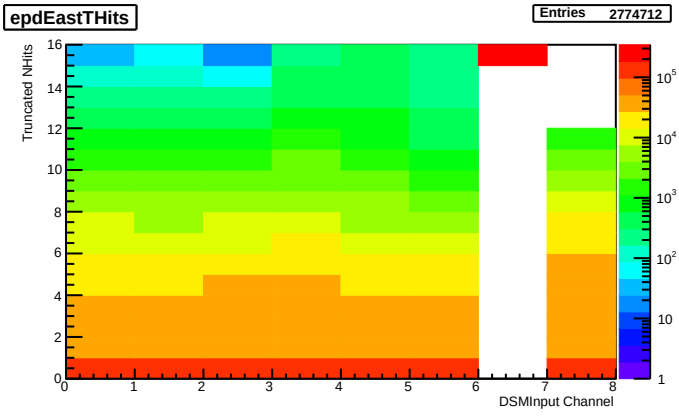
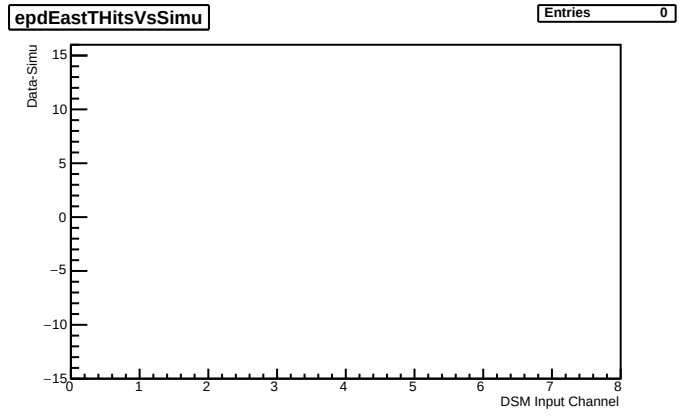
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2774712
Truncated NHits
DSMInput Channel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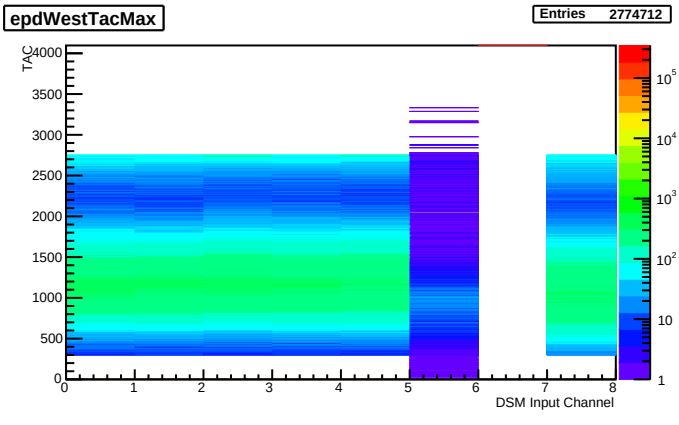
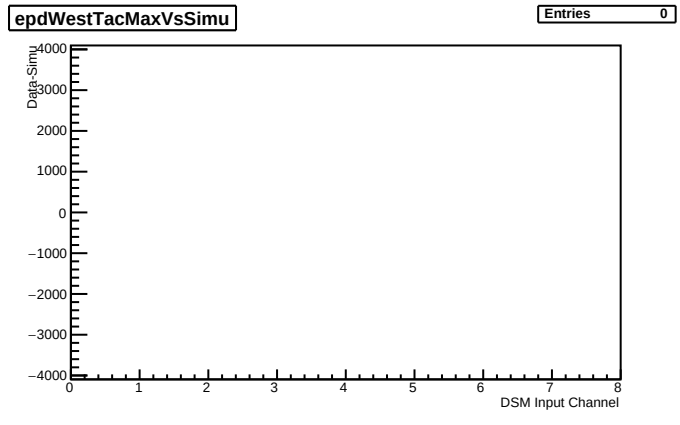
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2774712
TAC
DSM Input Channel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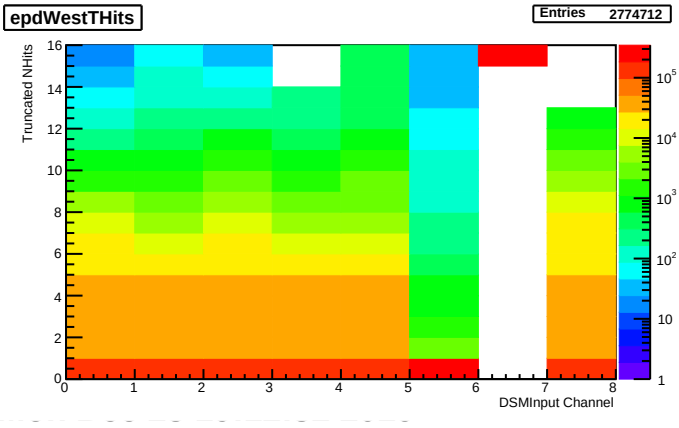
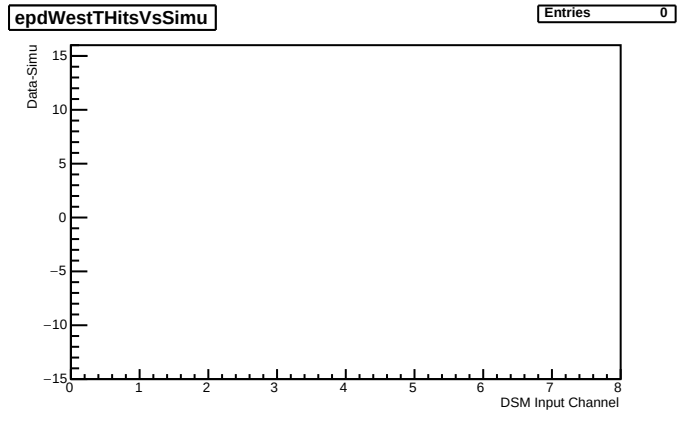
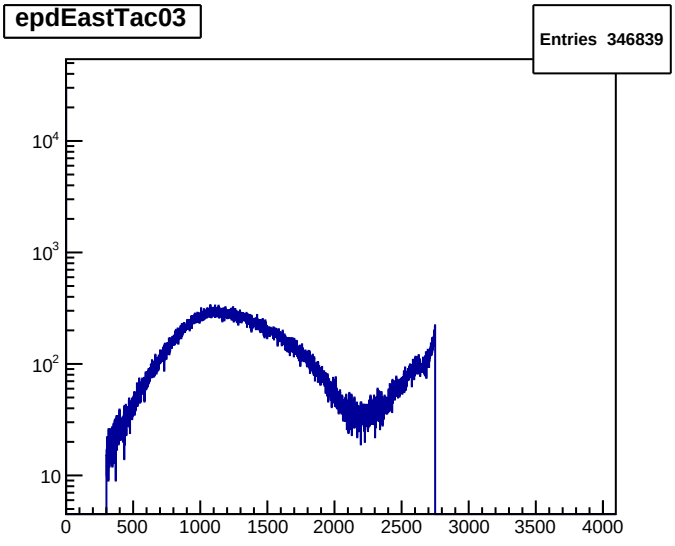
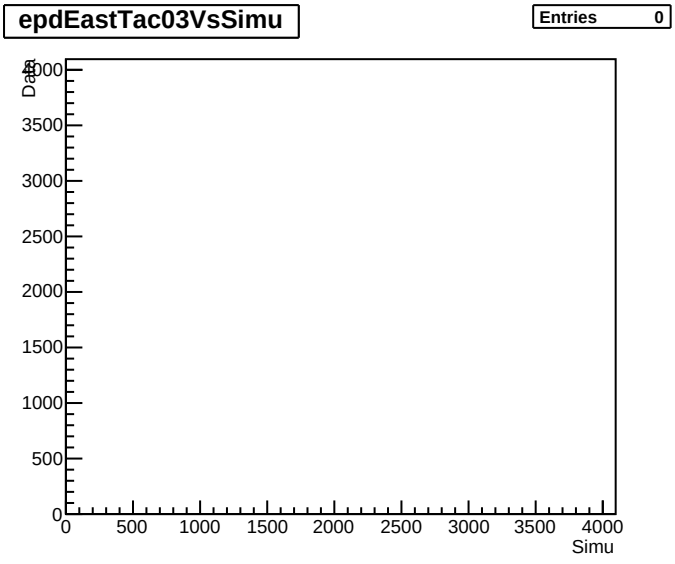
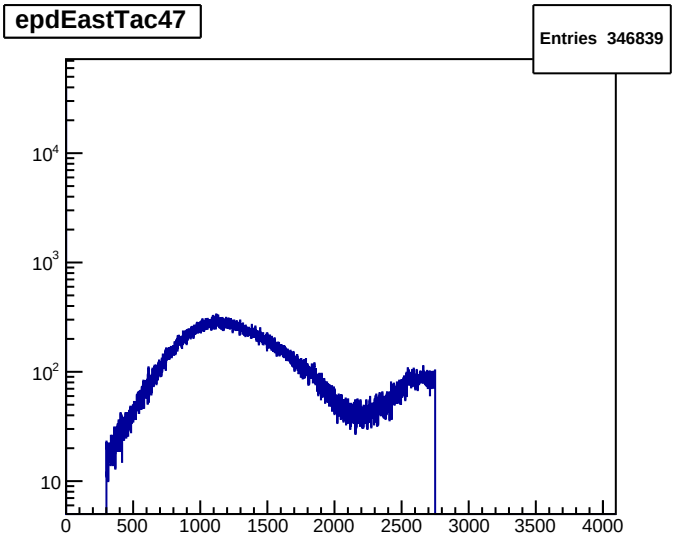
Entries 0
Data-Simu
DSM Input Channel

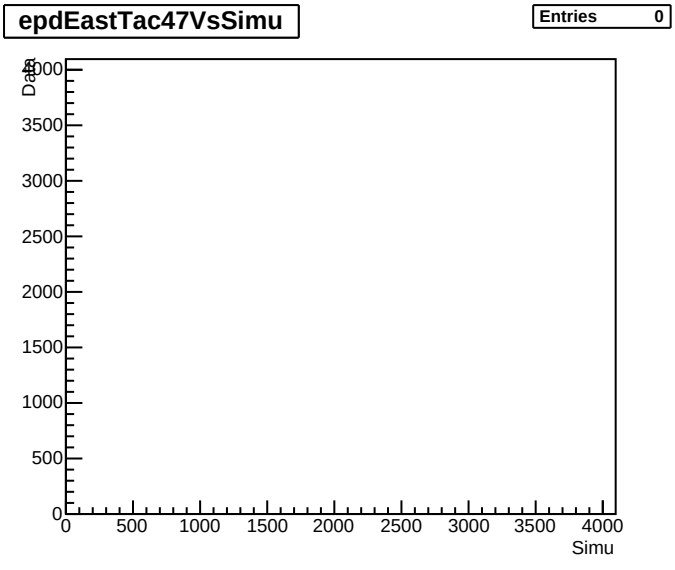

epdWestTHits
Entries 2774712
Truncated NHits
DSMInput Channel

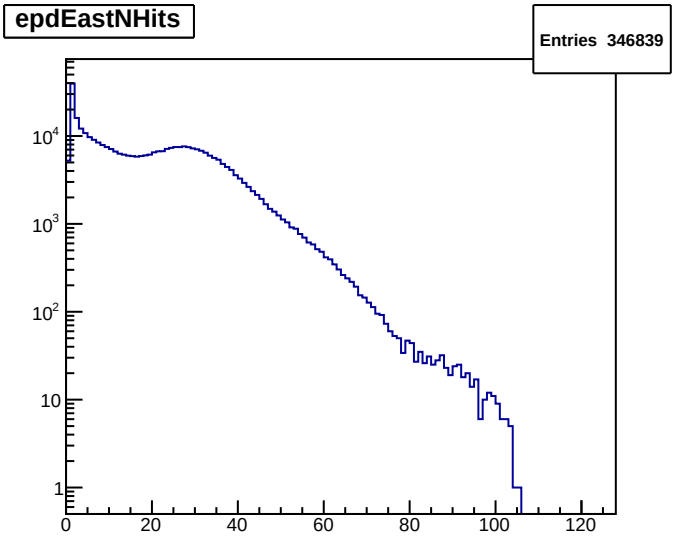

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

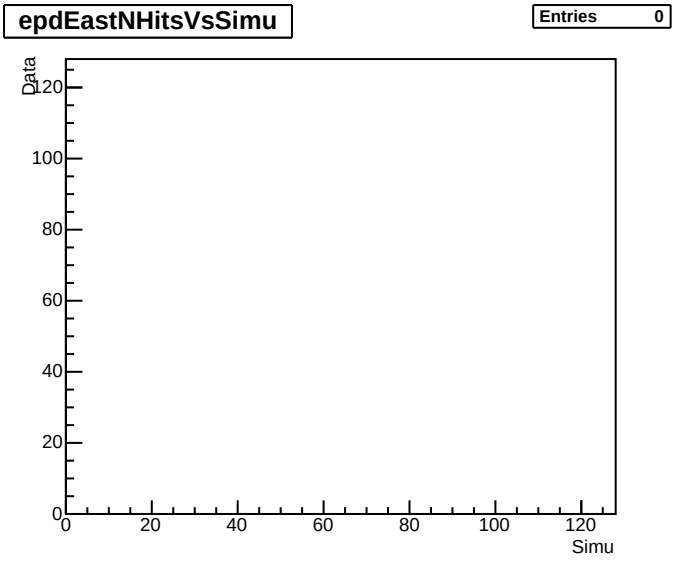

epdEastTac03
Entries 346839


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 346839


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 346839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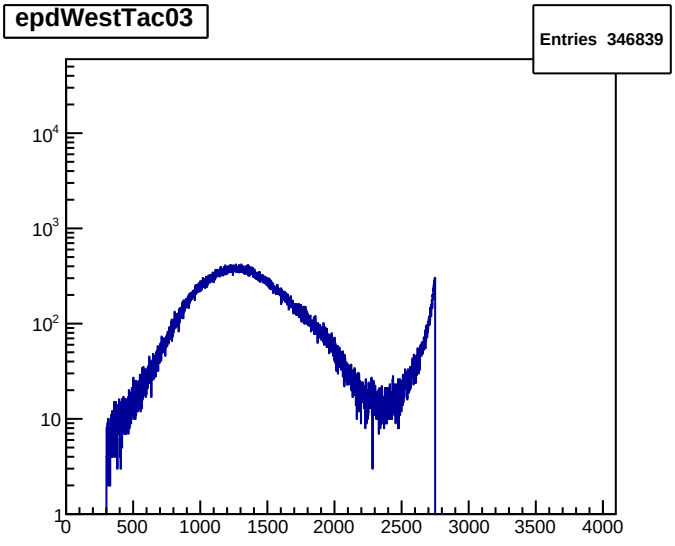
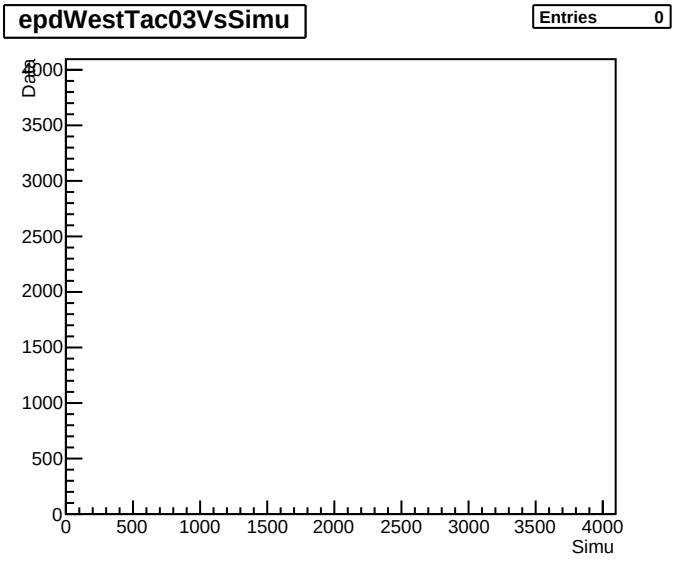
Entries 0
Data
Simu


epdWestTac03
Entries 346839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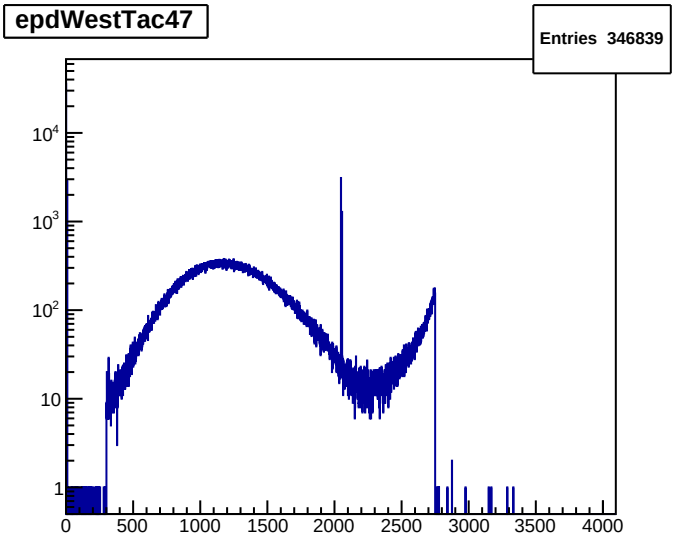
Entries 0
Data
Simu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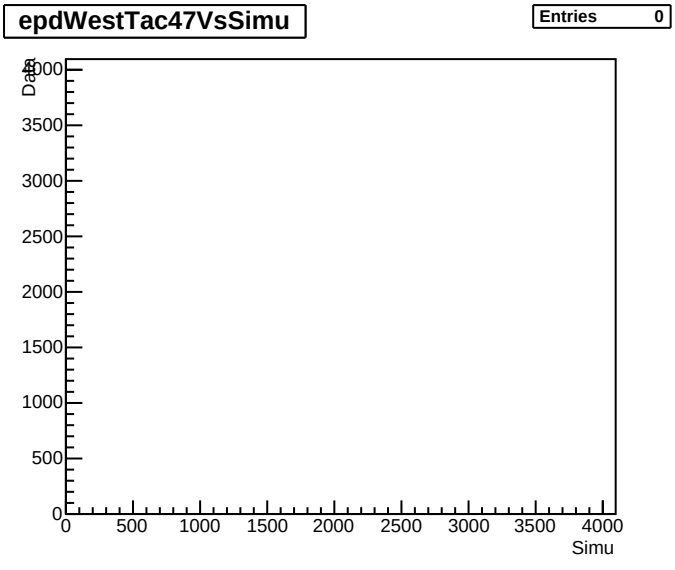
Entries 346839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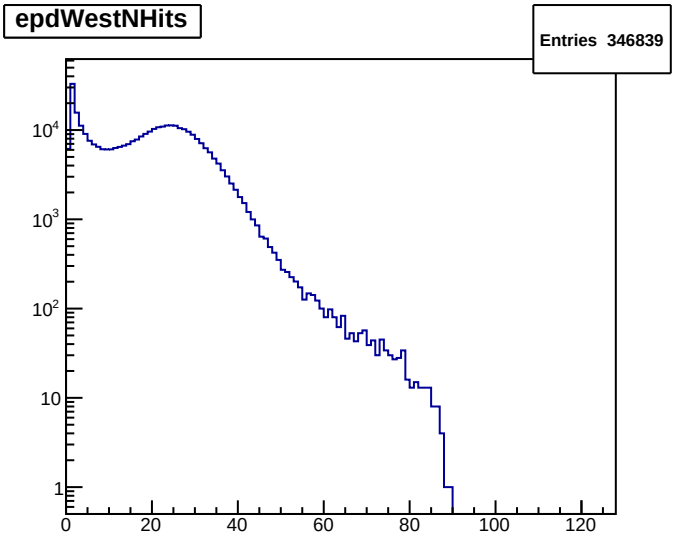
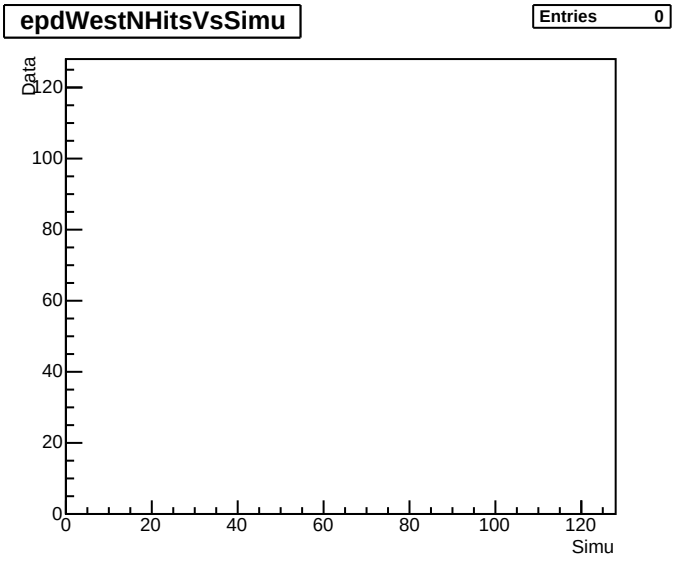
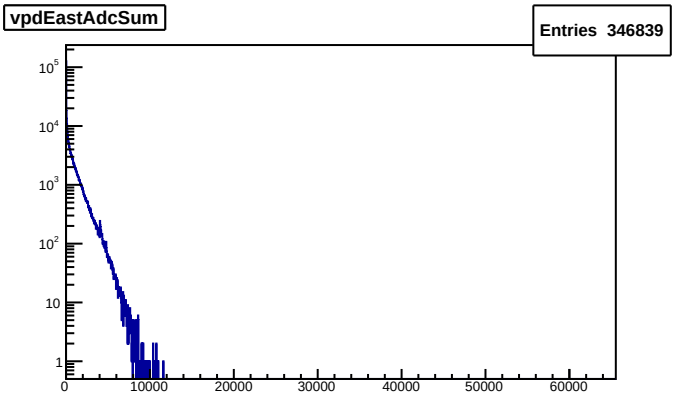
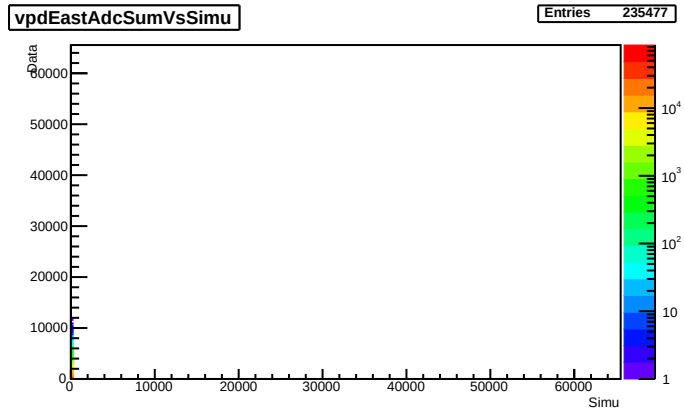
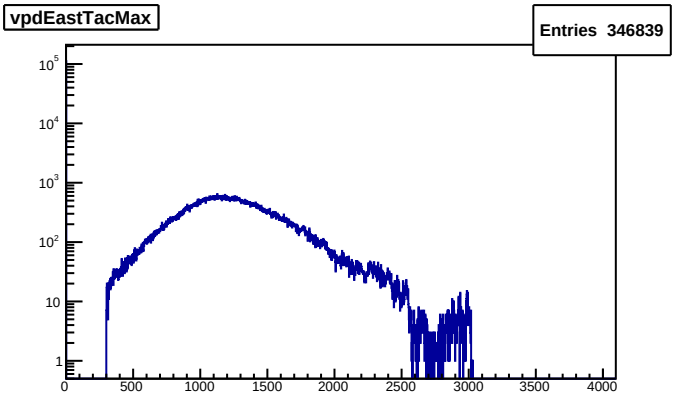
Entries 0
Data
Simu

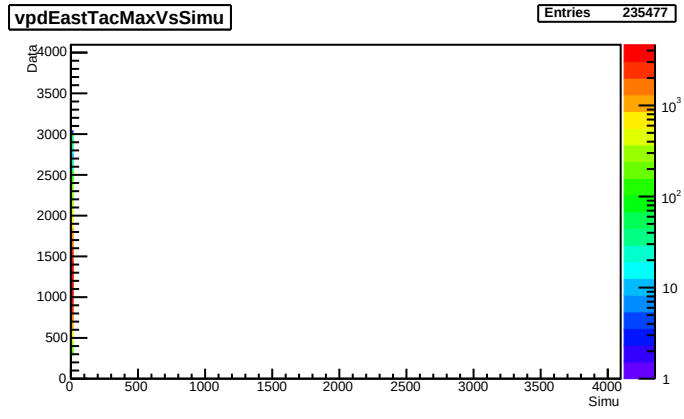

epdWestNHits
Entries 346839

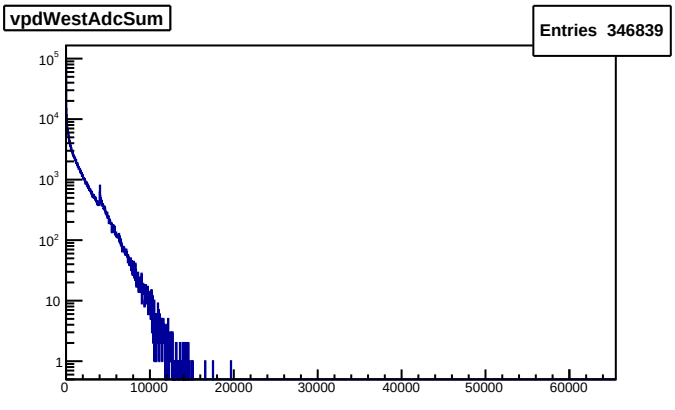

epdWestNHitsVsSimu
Entries 0
Data
Simu

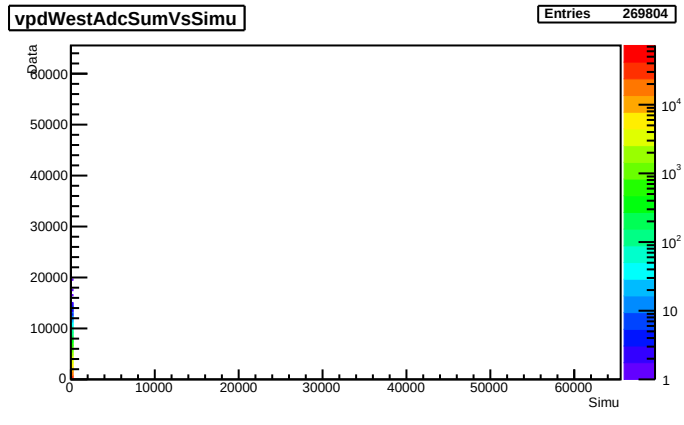

vpdEastAdcSum
Entries 346839

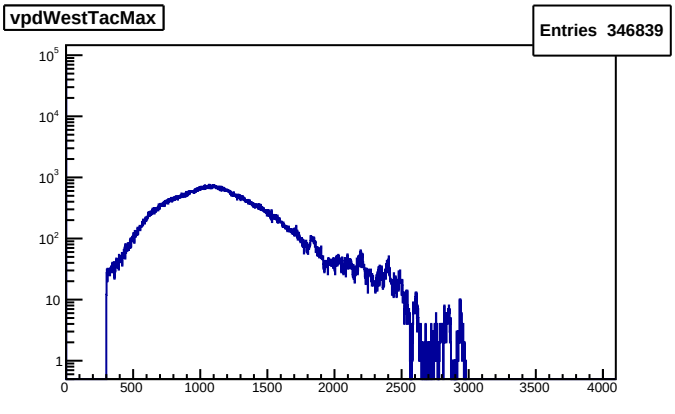

vpdEastAdcSumVsSimu
Entries 235477
Data
Simu

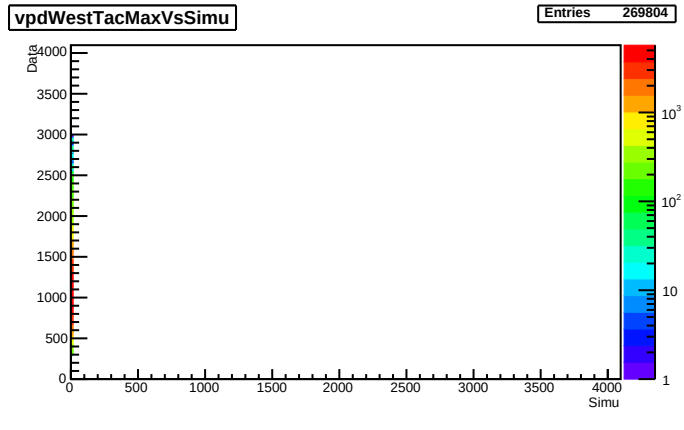

vpdEastTacMax
Entries 346839

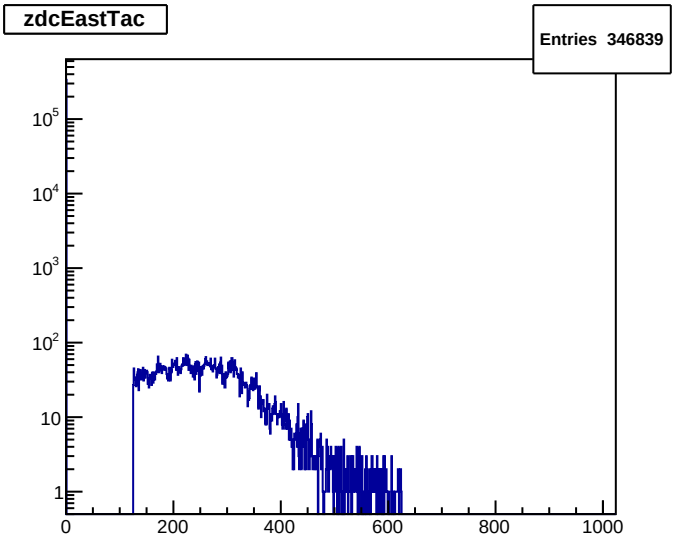

vpdEastTacMaxVsSimu
Entries 235477
Data
Simu

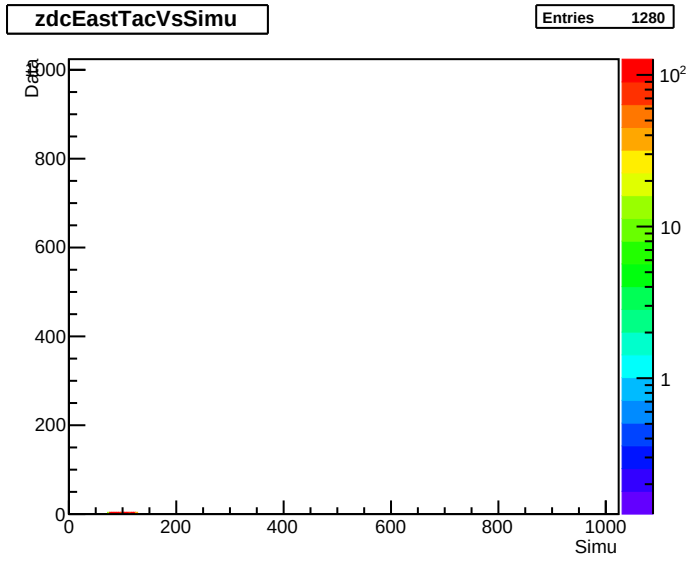

vpdWestAdcSum
Entries 346839

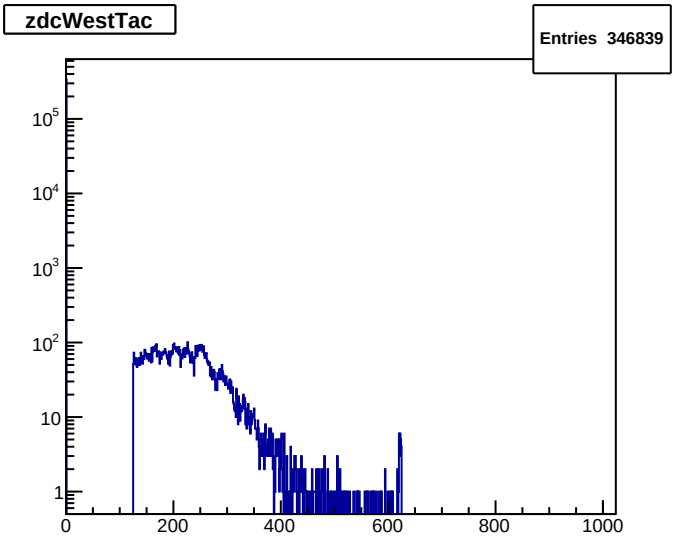

vpdWestAdcSumVsSimu
Entries 269804
Data
Simu

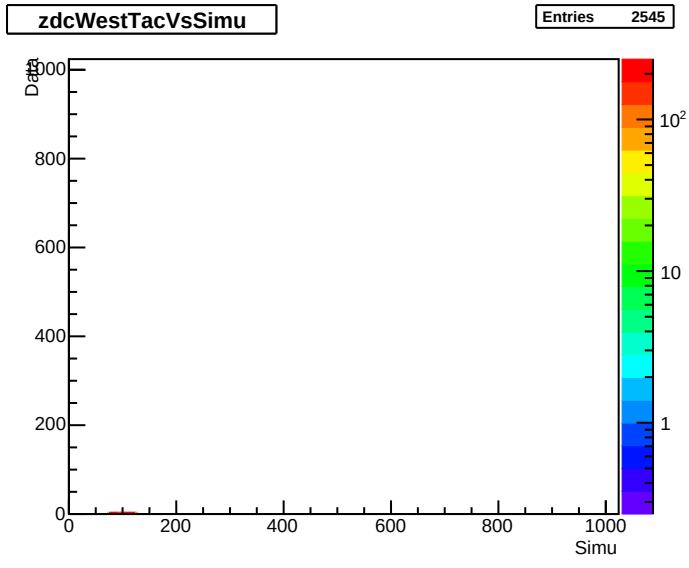

vpdWestTacMax
Entries 346839

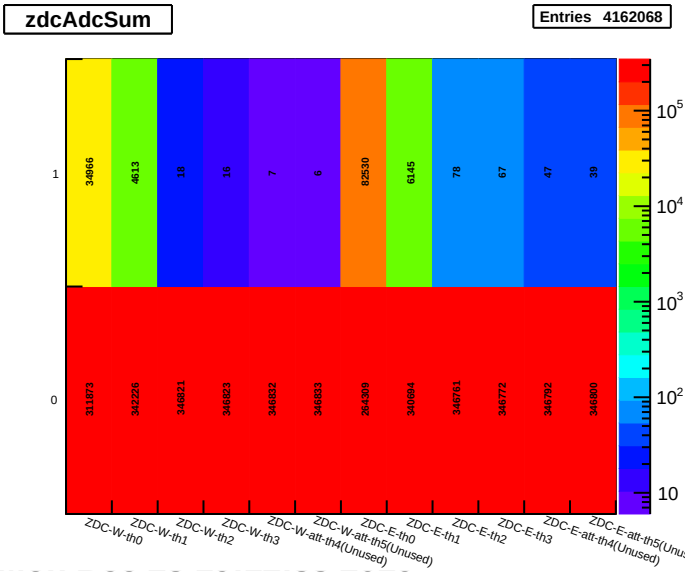

vpdWestTacMaxVsSimu
Entries 269804
Data
Simu

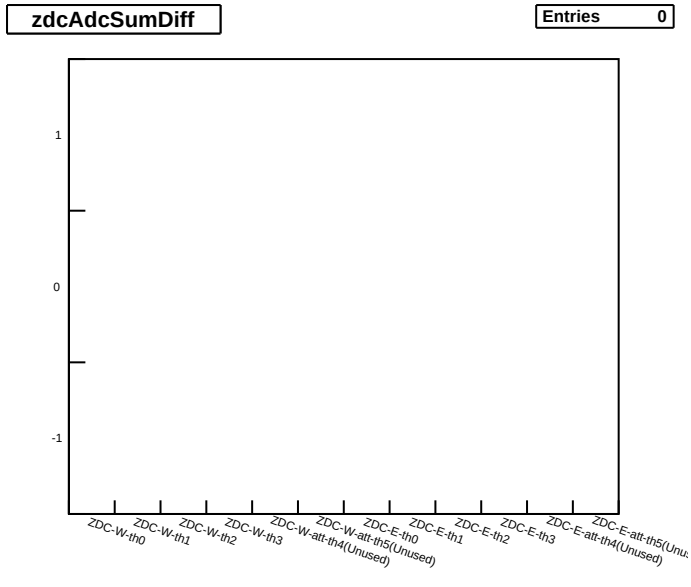

zdcEastTac
Entries 346839

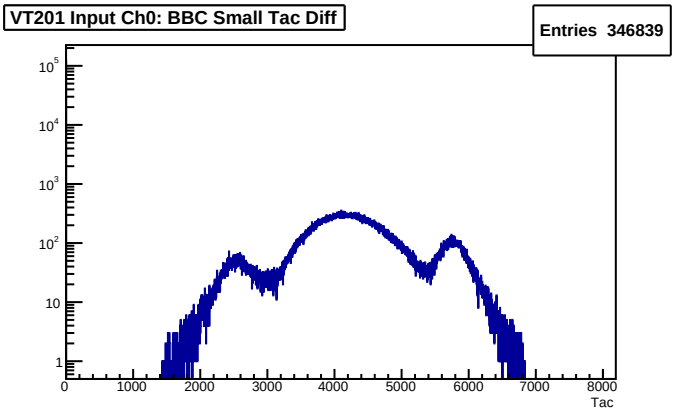

zdcEastTacVsSimu
Entries 1280
Data
Simu

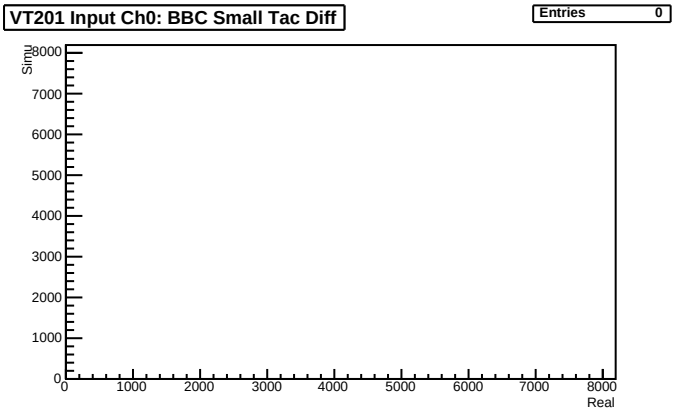

zdcWestTac
Entries 346839

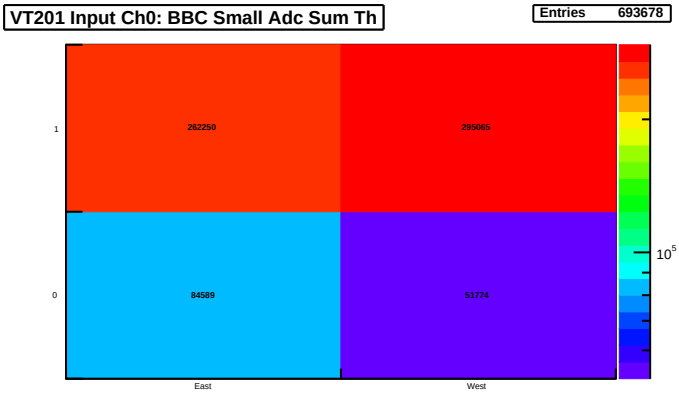

zdcWestTacVsSimu
Entries 2545
Data
Simu

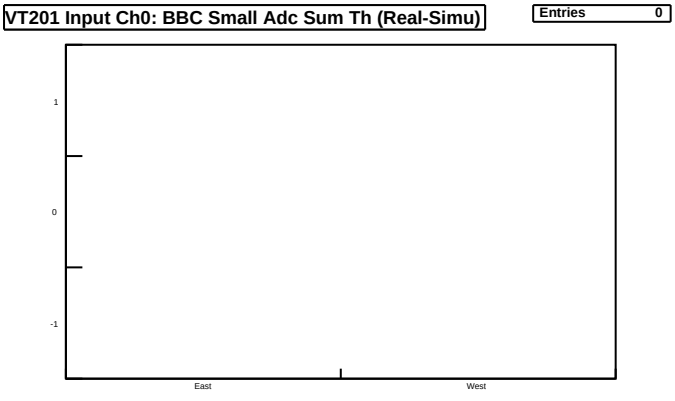

zdcAdcSum
Entries 4162068
34966
4613
18
16
7
6
82530
6145
78
67
47
39
311873
342226
346821
346823
346832
346833
264309
340694
346761
346772
346792
346800
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

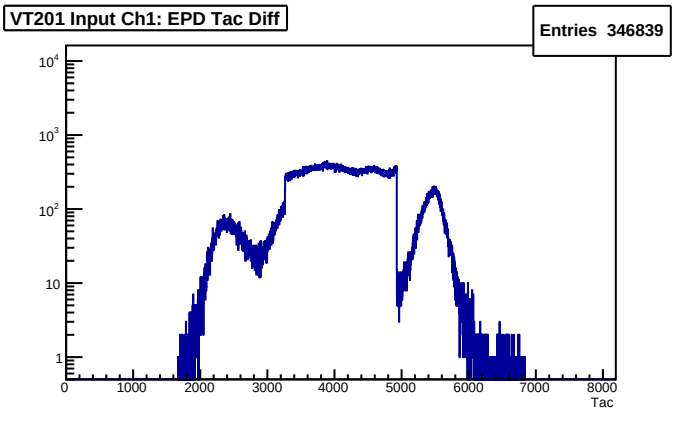

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

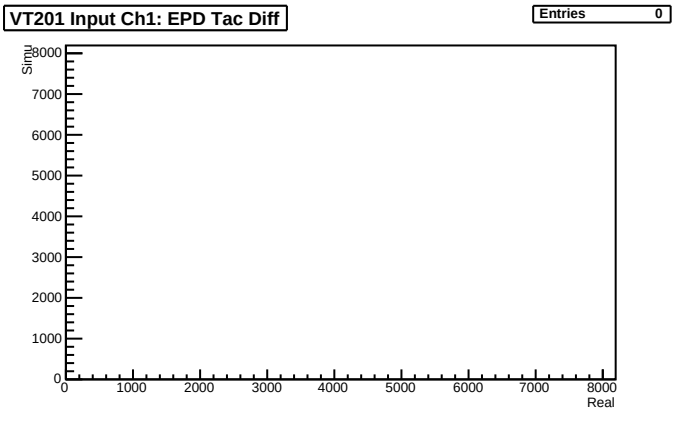

VT201 Input Ch0: BBC Small Tac Diff
Entries 346839
Tac

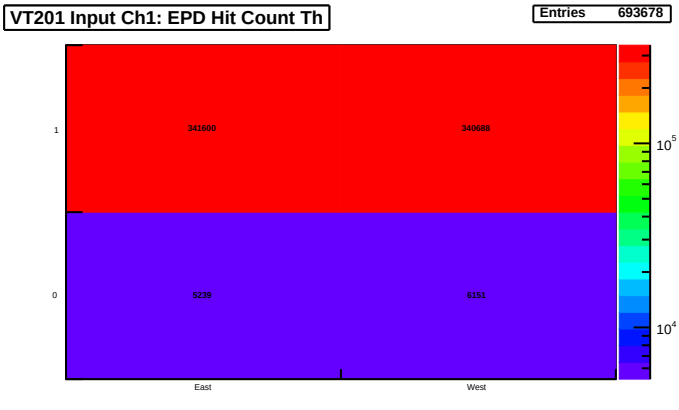

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

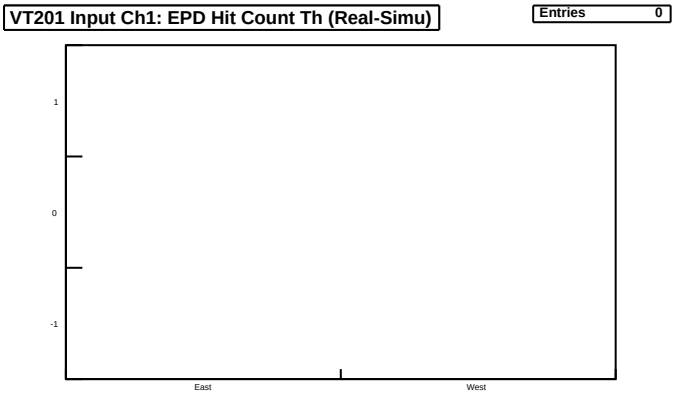

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 693678
262250
295065
84589
51774
East
West

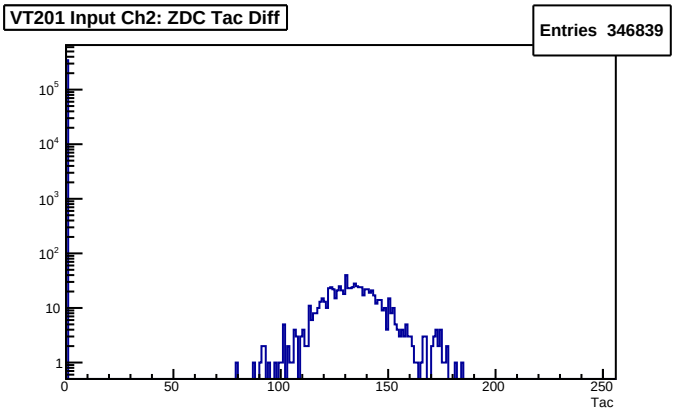

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

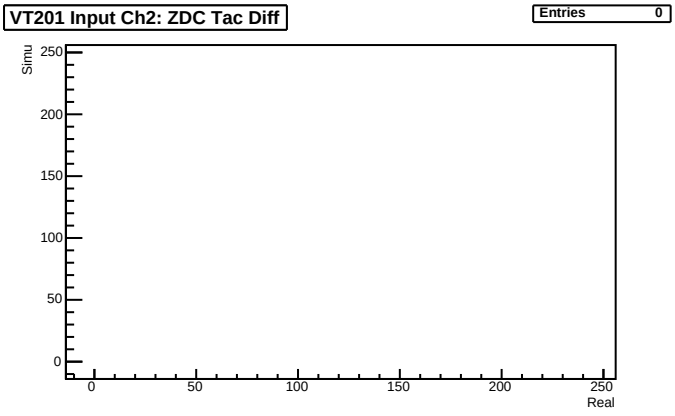

VT201 Input Ch1: EPD Tac Diff
Entries 346839
Tac

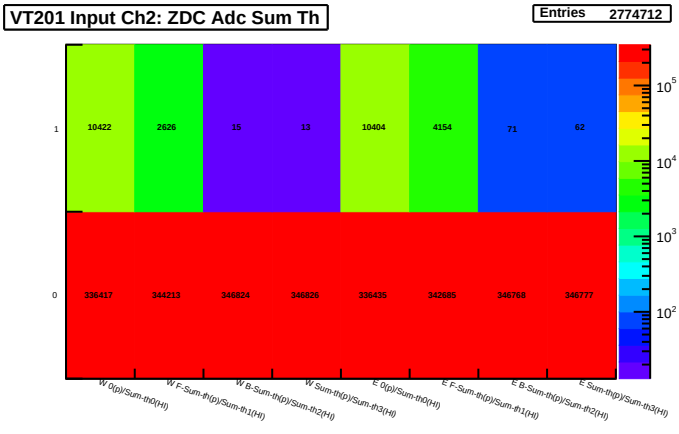

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

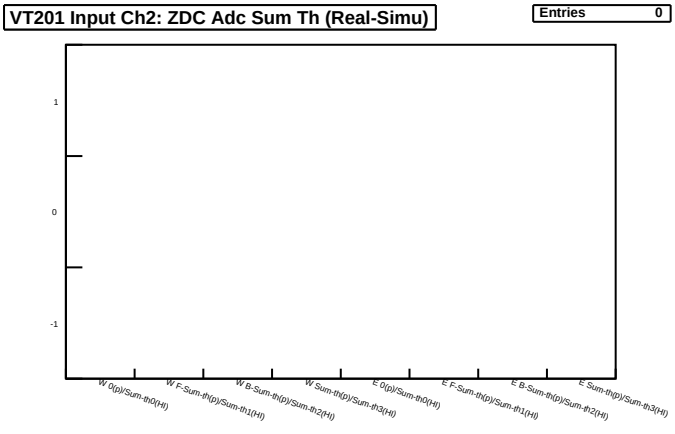

VT201 Input Ch1: EPD Hit Count Th
Entries 693678
341600
340688
5239
6151
East
West

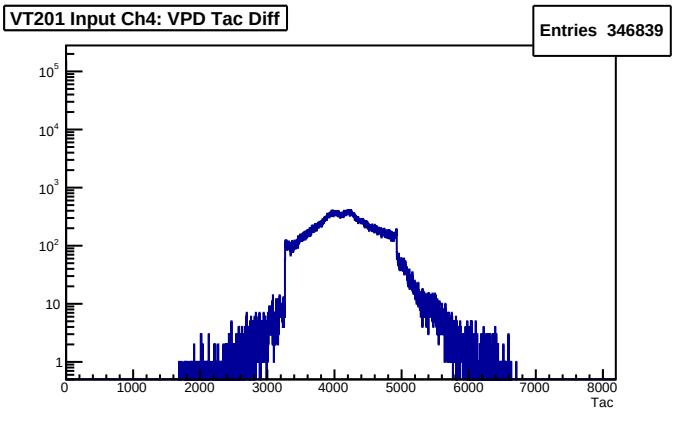

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

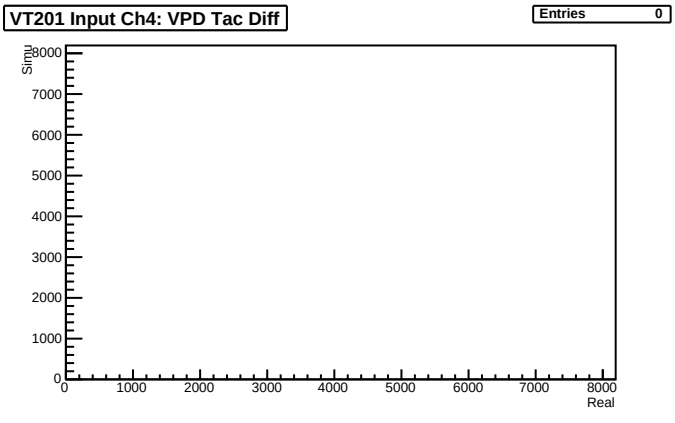

VT201 Input Ch2: ZDC Tac Diff
Entries 346839
Tac

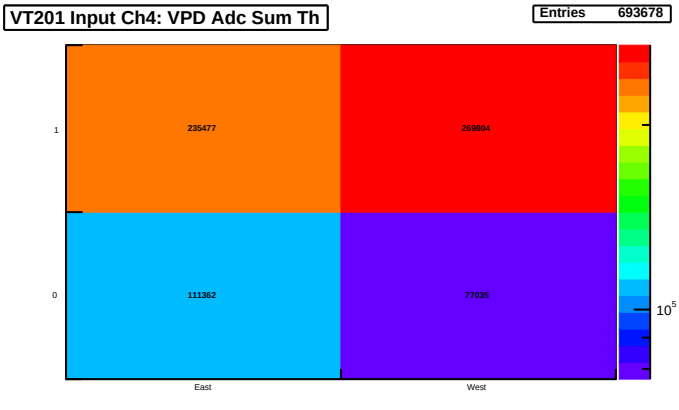

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

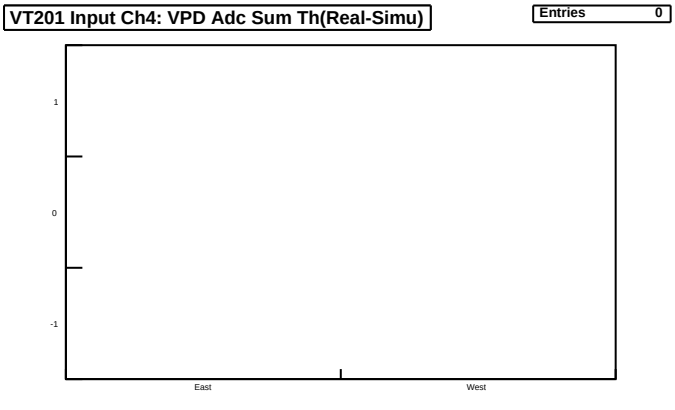

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2774712
10422
2626
15
13
10404
4154
71
62
336417
344213
346824
346826
336435
342685
346768
346777
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

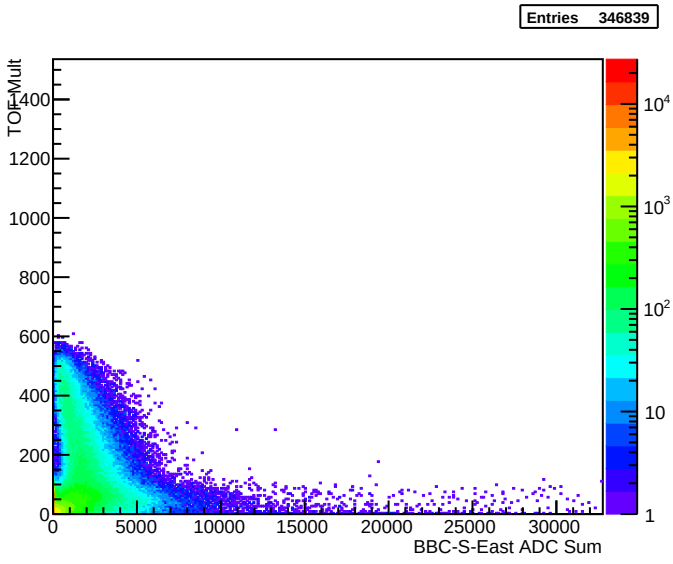

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

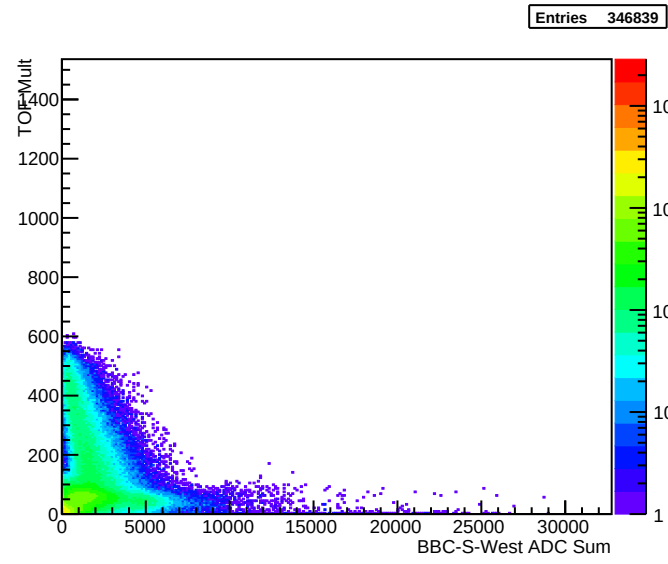

VT201 Input Ch4: VPD Tac Diff
Entries 346839
Tac

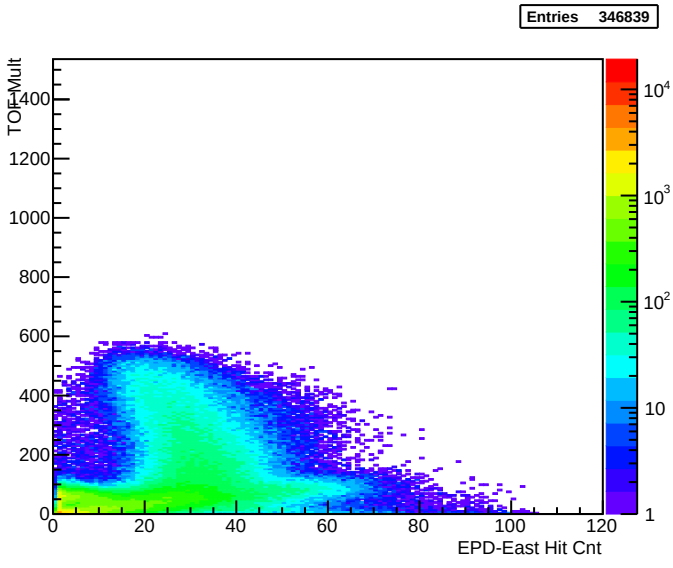

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

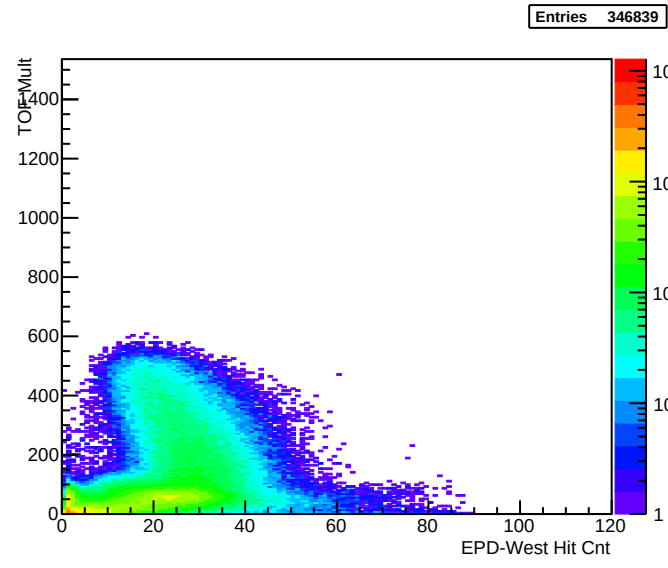

VT201 Input Ch4: VPD Adc Sum Th
Entries 693678
235477
269904
111362
77035
East
West

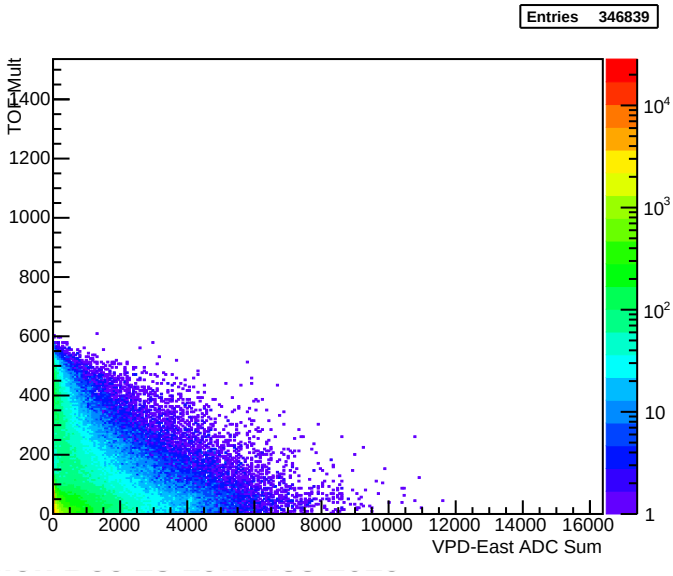

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

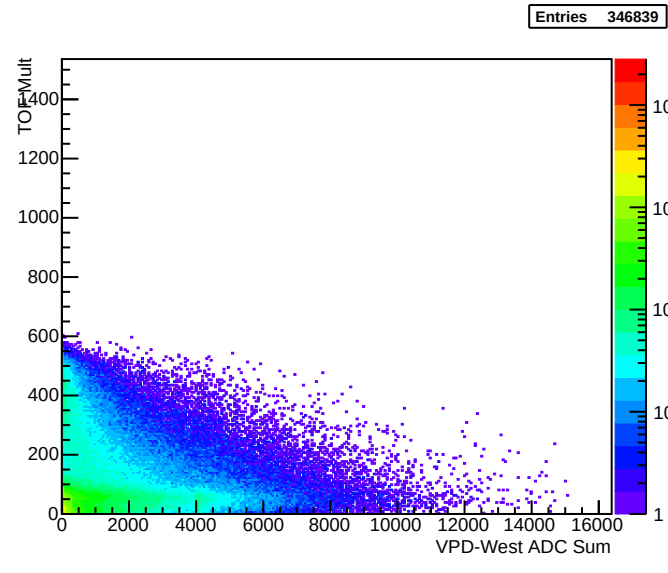

Entries 346839
TOF-Mult
BBC-S-East ADC Sum

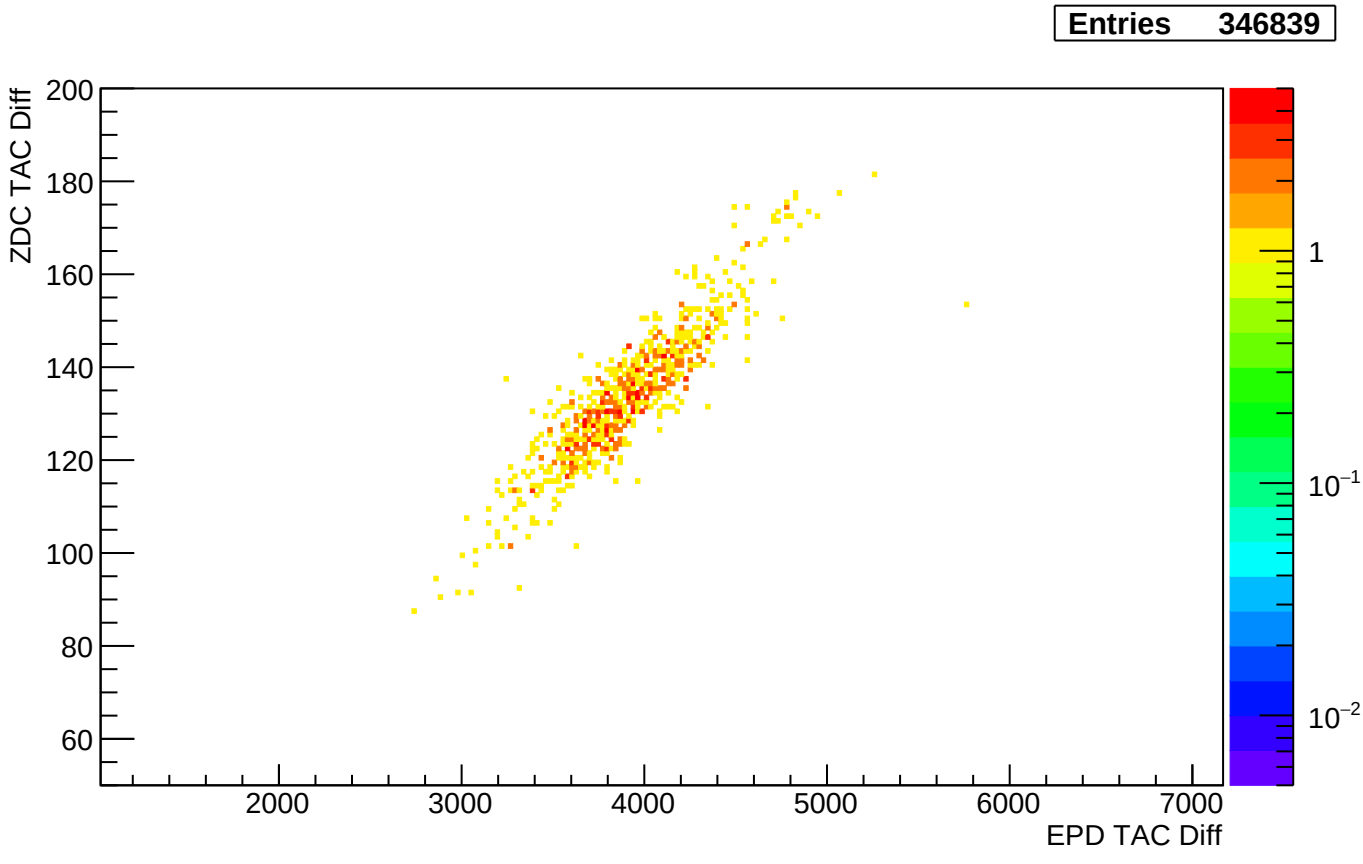

Entries 346839
TOF-Mult
BBC-S-West ADC Sum

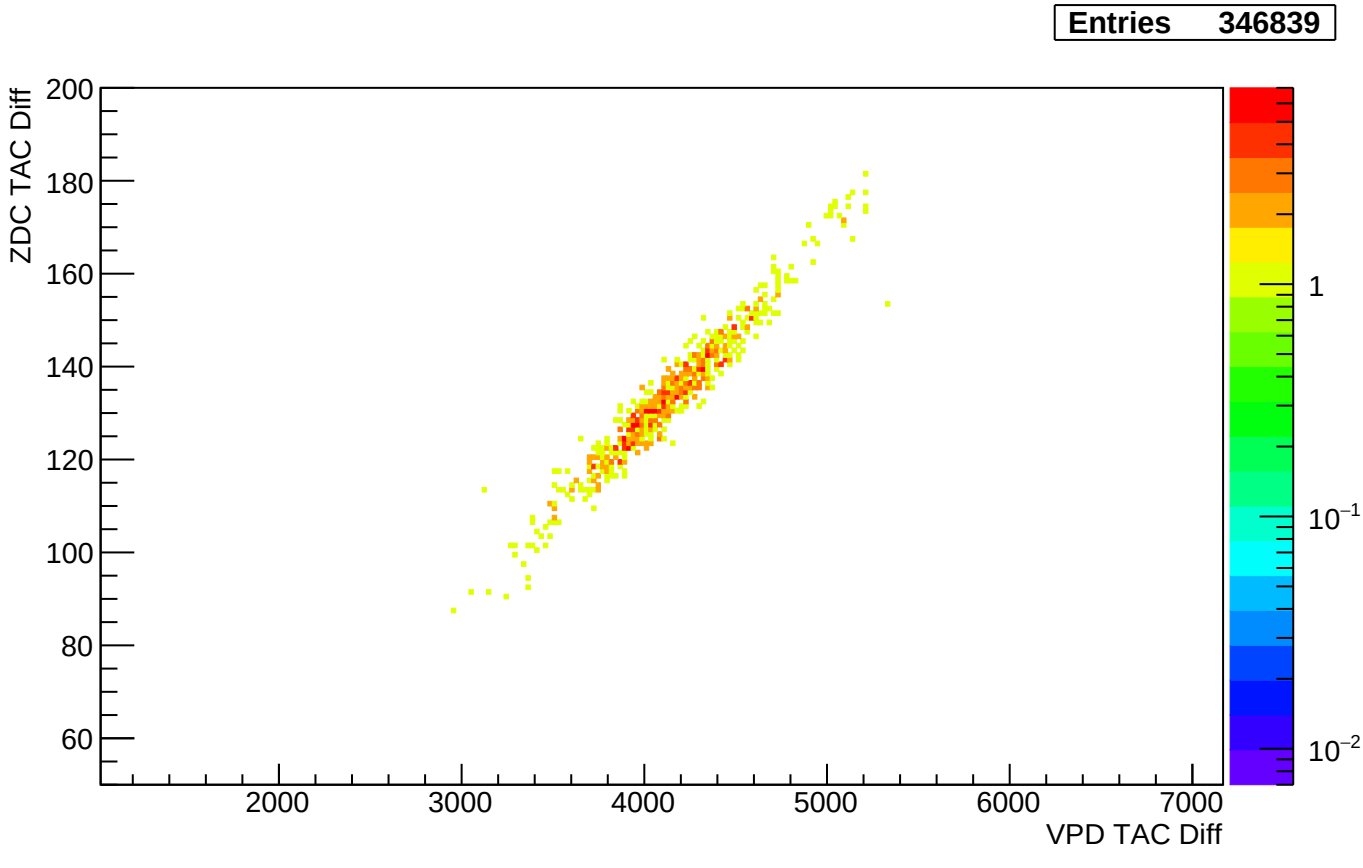

Entries 346839
TOF-Mult
EPD-East Hit Cnt

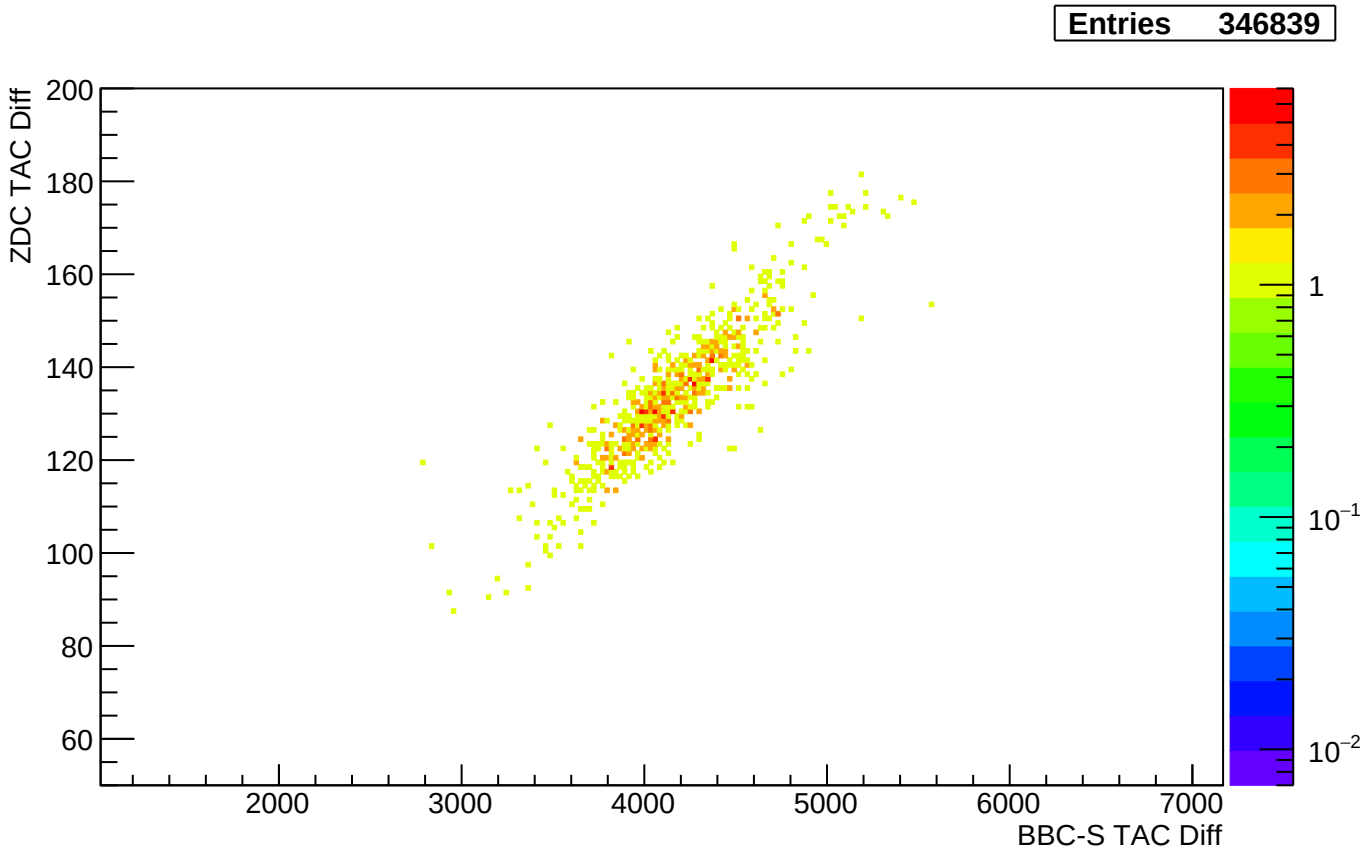

Entries 346839
TOF-Mult
EPD-West Hit Cnt

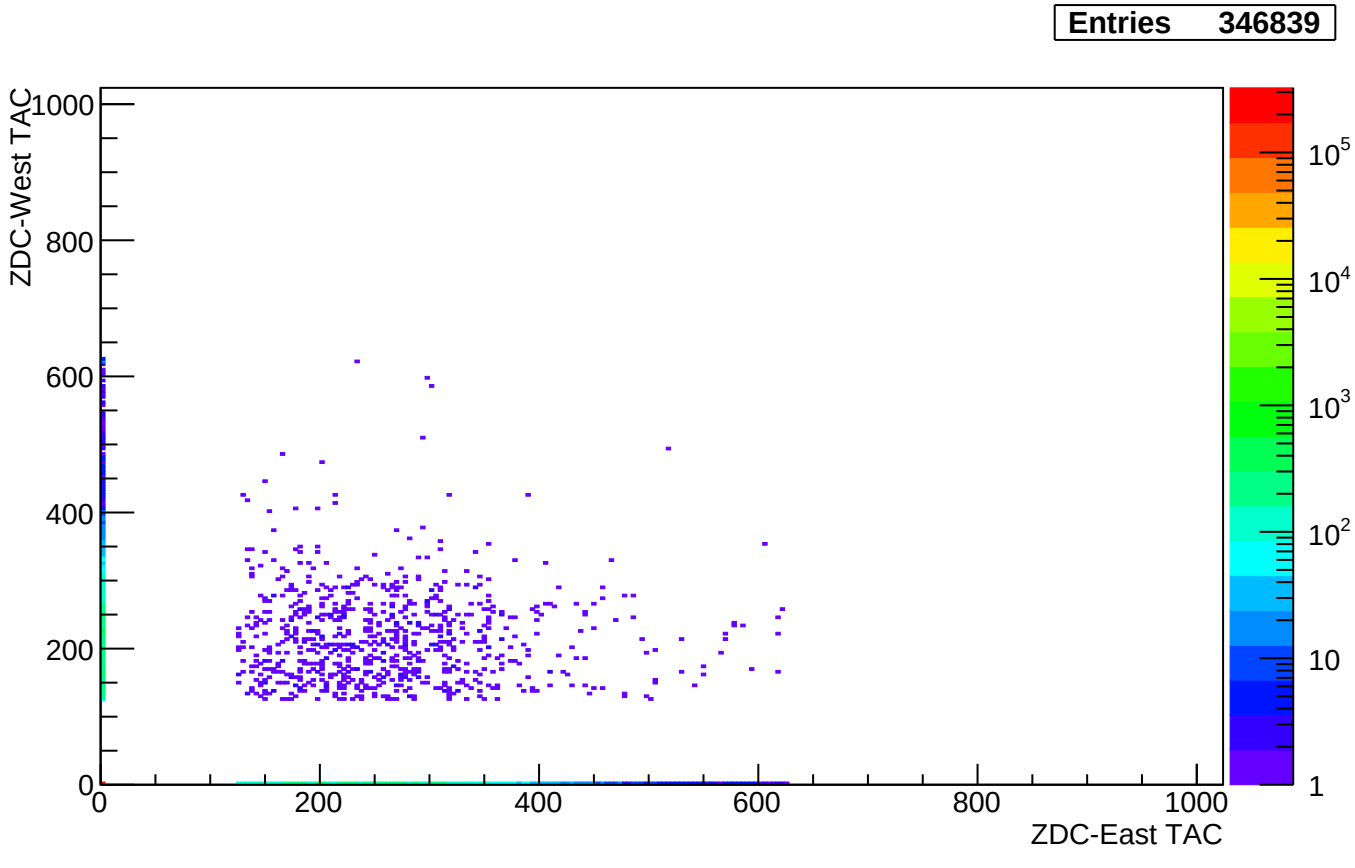

Entries 346839
TOF-Mult
VPD-East ADC Sum

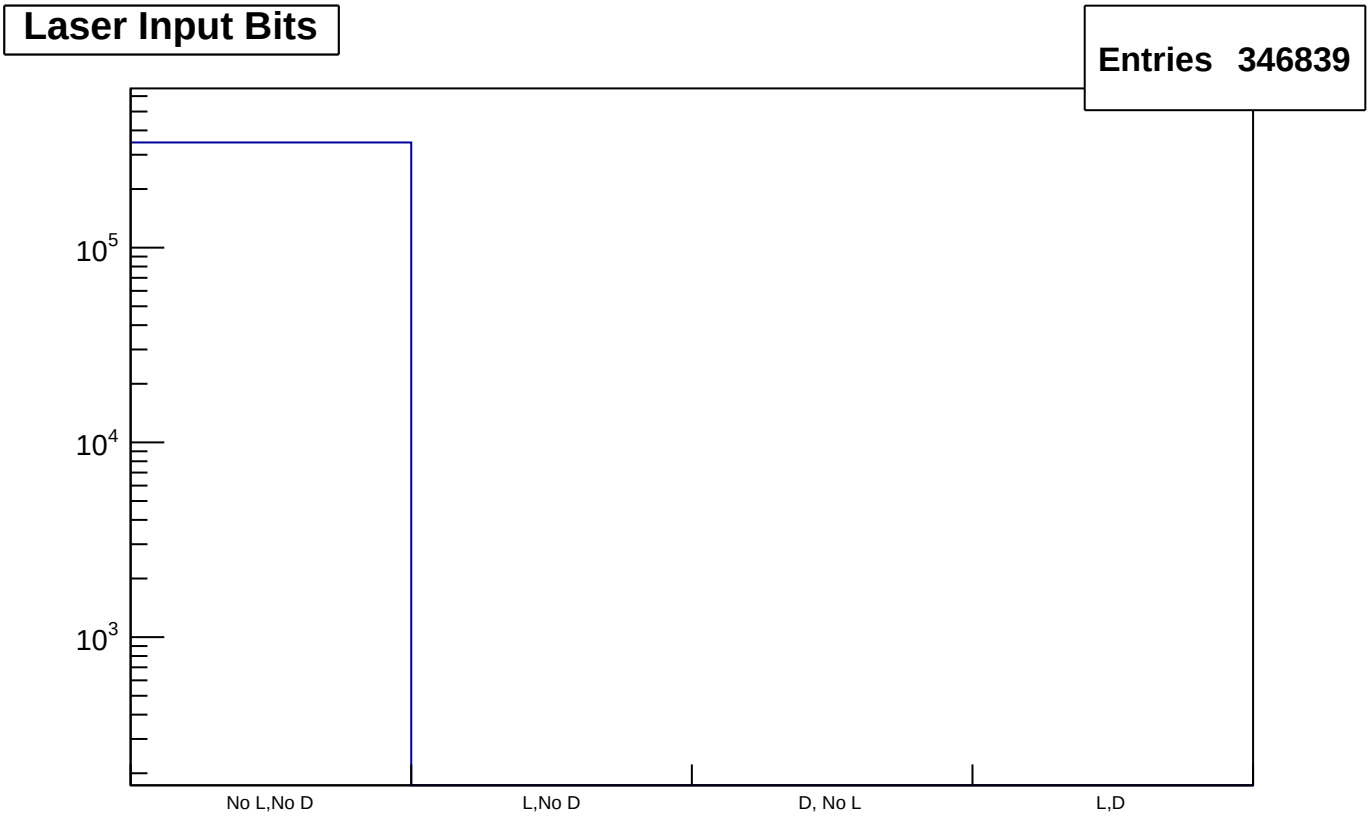

Entries 346839
TOF-Mult
VPD-West ADC Sum

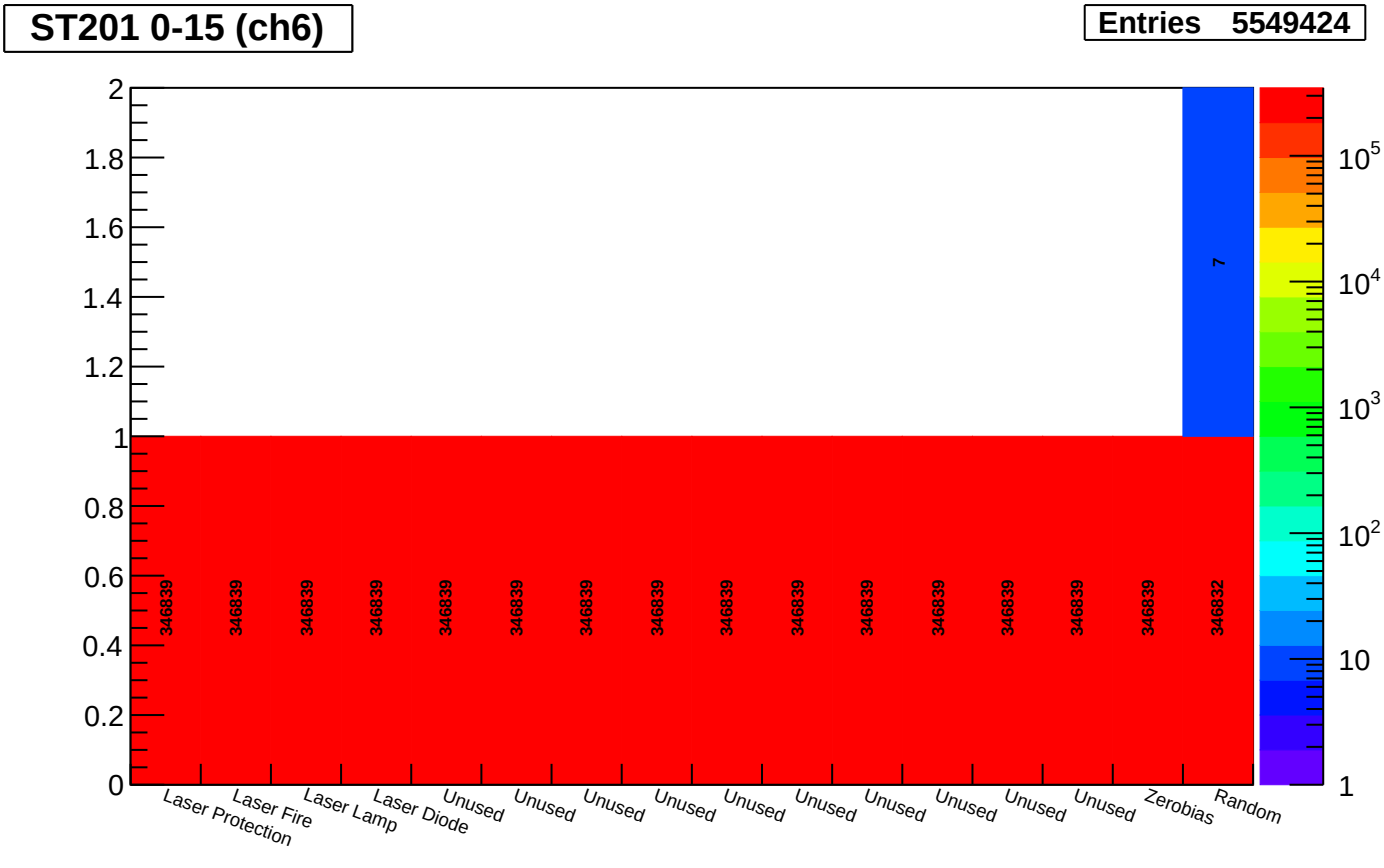

Entries 346839
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

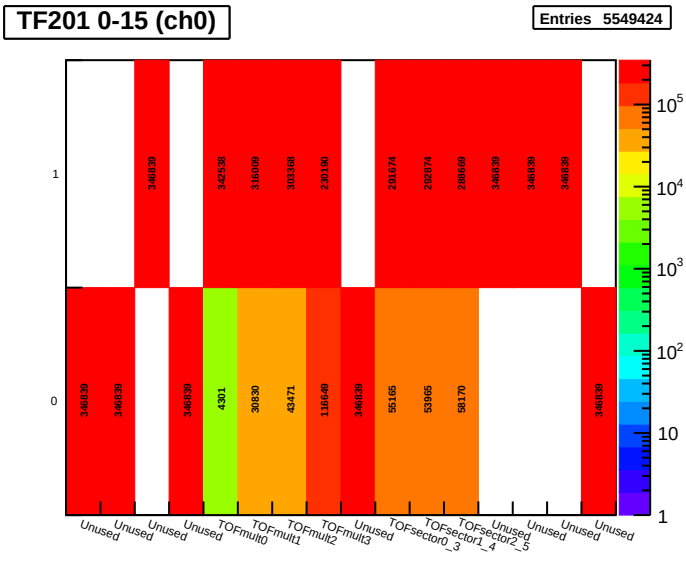

Entries 346839
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

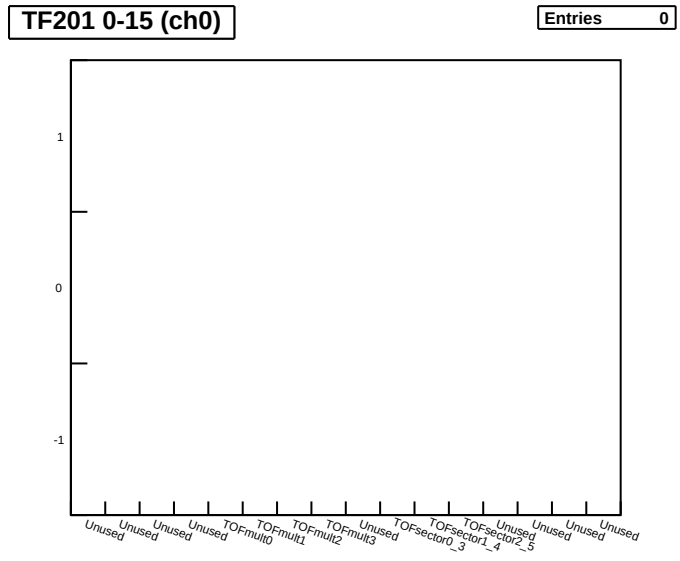

Entries 346839
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

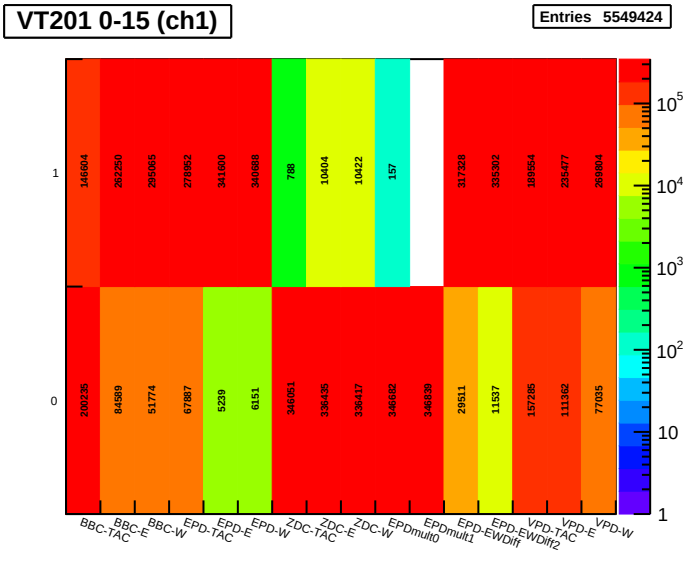

Entries 346839
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

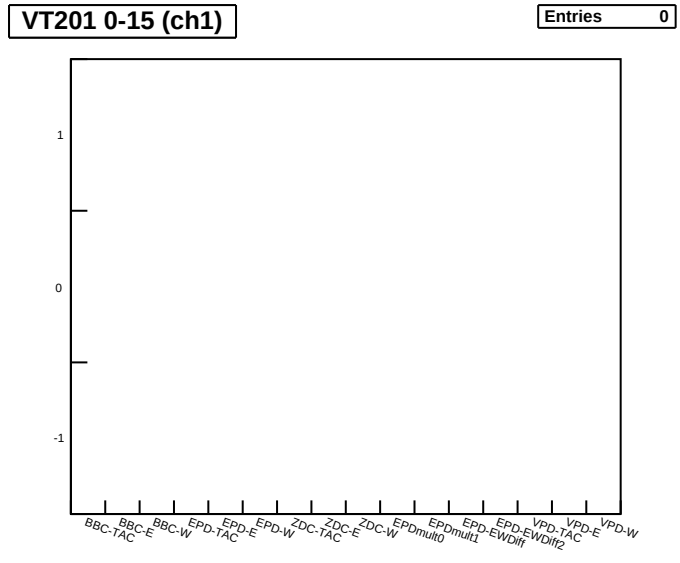

Laser Input Bits
Entries 346839
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

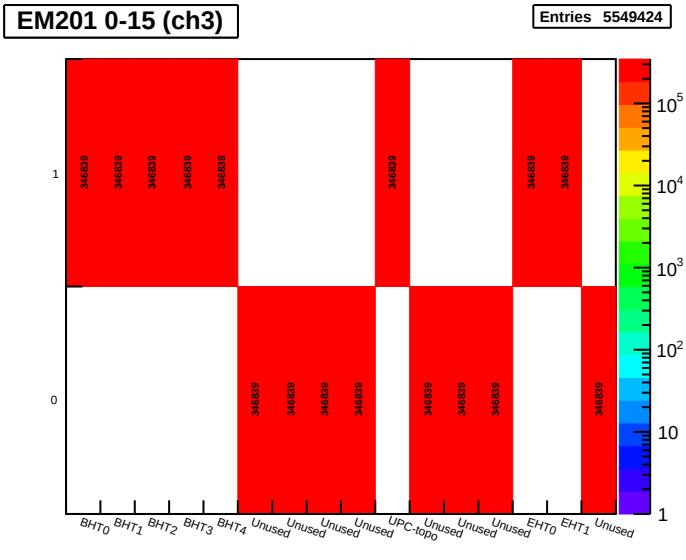

ST201 0-15 (ch6)
Entries 5549424
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
346839
346839
346839
346839
346839
346839
346839
346839
346839
346839
346839
346839
346839
346839
346839
346832
7
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

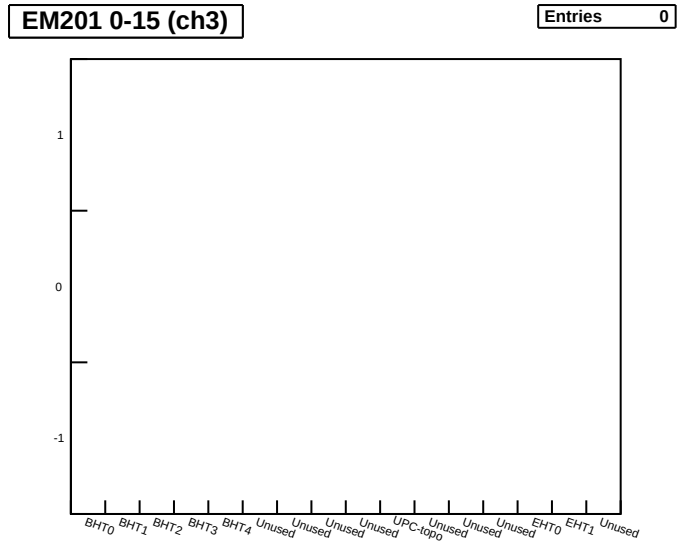

TF201 0-15 (ch0)
Entries 5549424
1
0
346839 346839 346839 346839 342538 316009 303368 230190 231674 292874 288669 346839 346839 346839
346839 346839 346839 4301 30830 43471 116649 346839 55165 53965 58170 346839
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 5549424
1
0
146604 262250 295065 278952 341600 340688 788 10404 10422 157 317328 335302 189554 235477 269804
200235 84589 51774 67887 5239 6151 346051 338435 336417 346682 346839 29511 11537 157285 111362 77035
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 5549424
1
0
346839 346839 346839 346839 346839 346839 346839 346839 346839
346839 346839 346839 346839 346839 346839 346839 346839
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