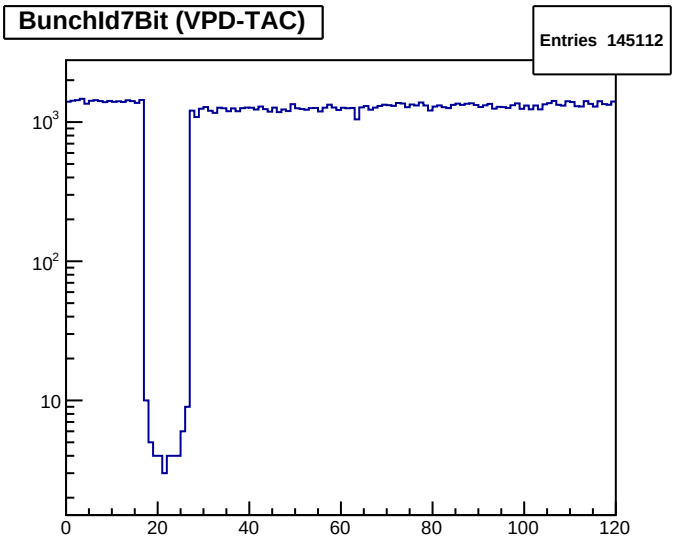
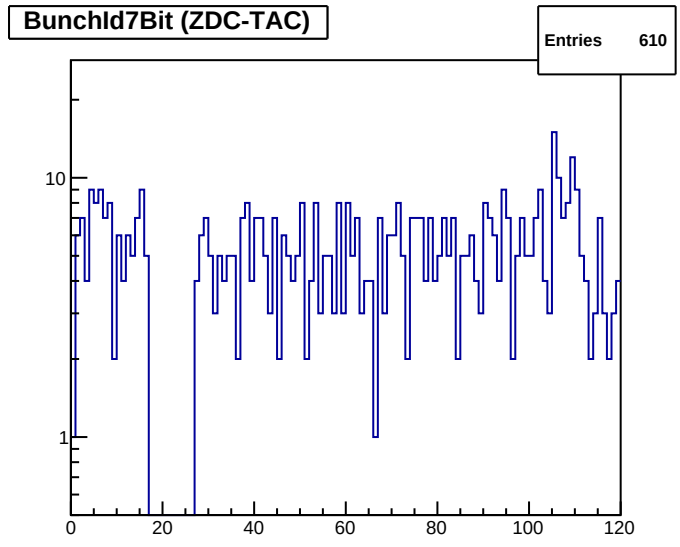
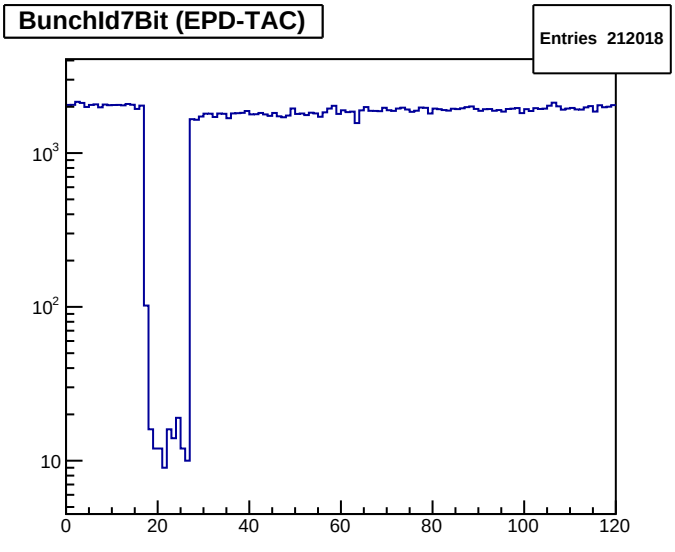
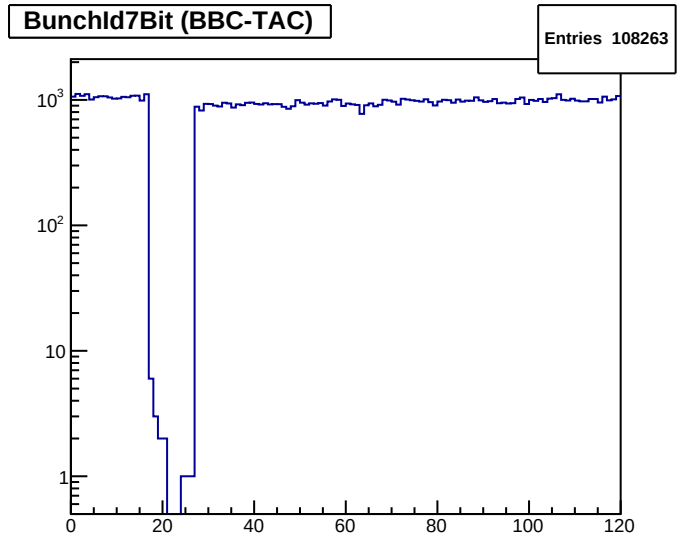
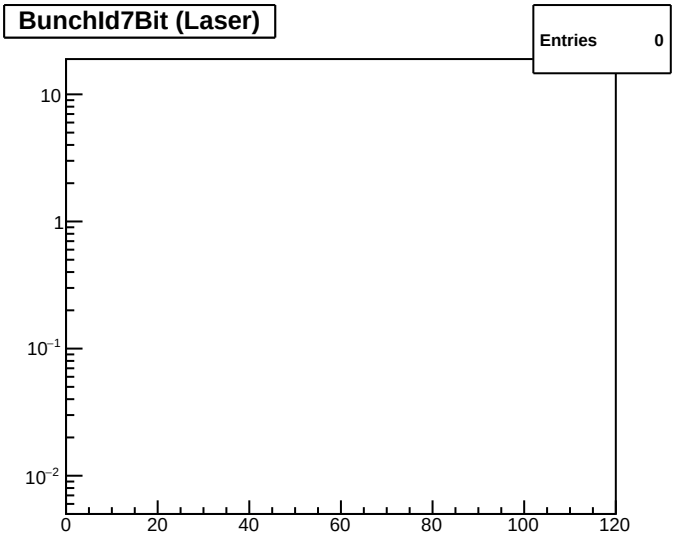
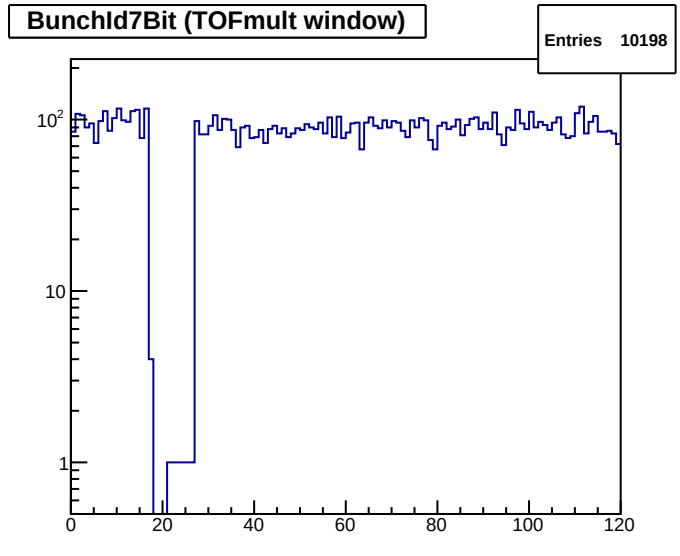

BunchId7Bit (VPD-TAC)
Entries 145112

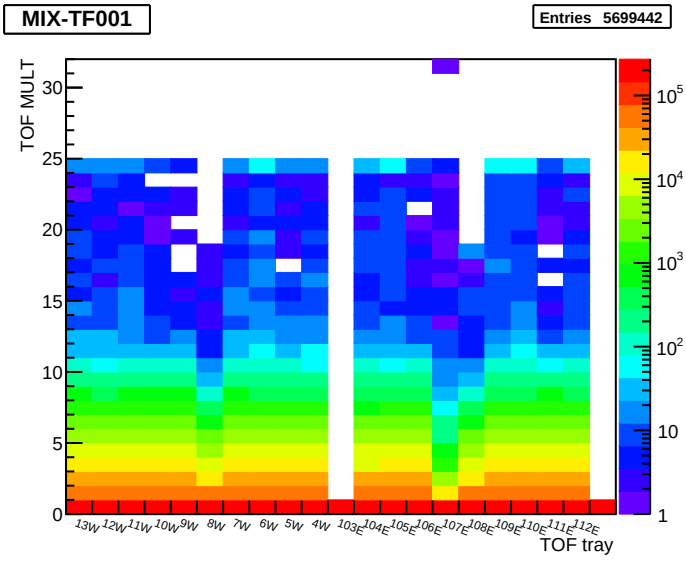

BunchId7Bit (ZDC-TAC)
Entries 610

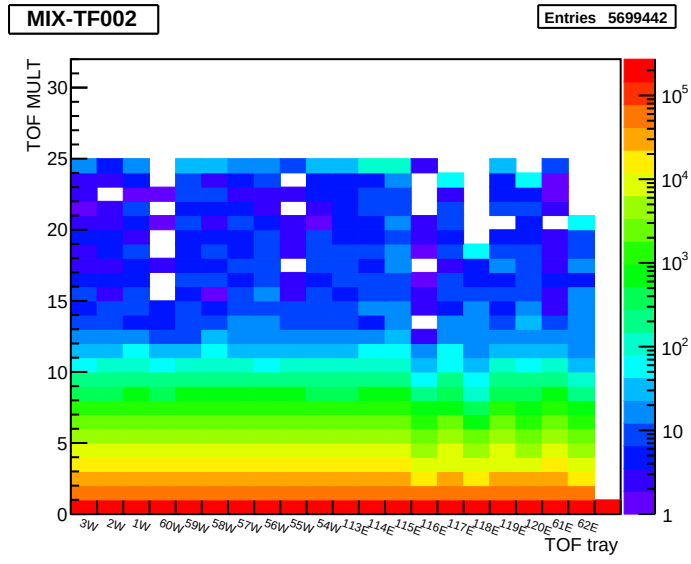

BunchId7Bit (EPD-TAC)
Entries 212018

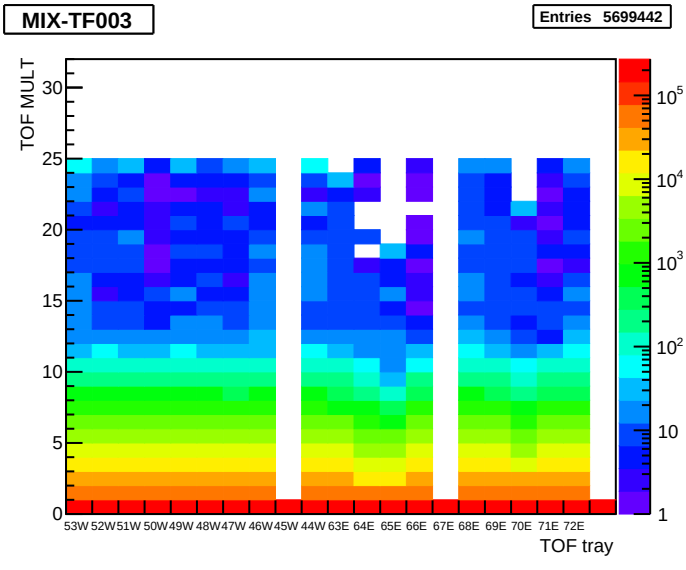

BunchId7Bit (BBC-TAC)
Entries 108263

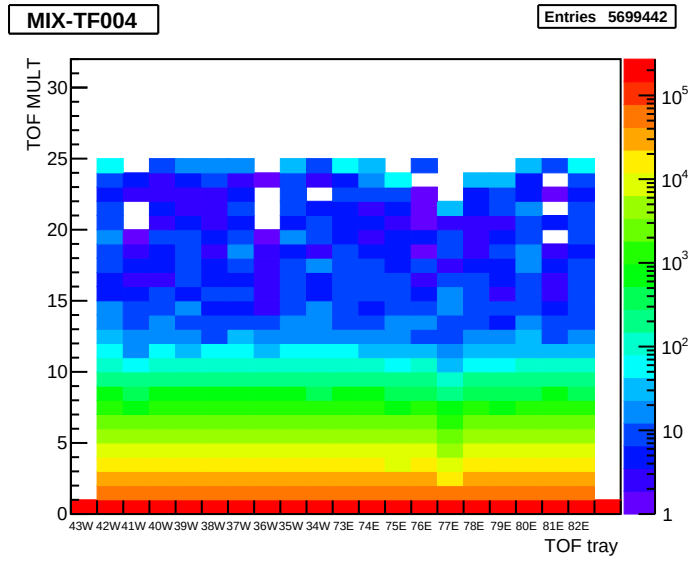

BunchId7Bit (Laser)
Entries 0

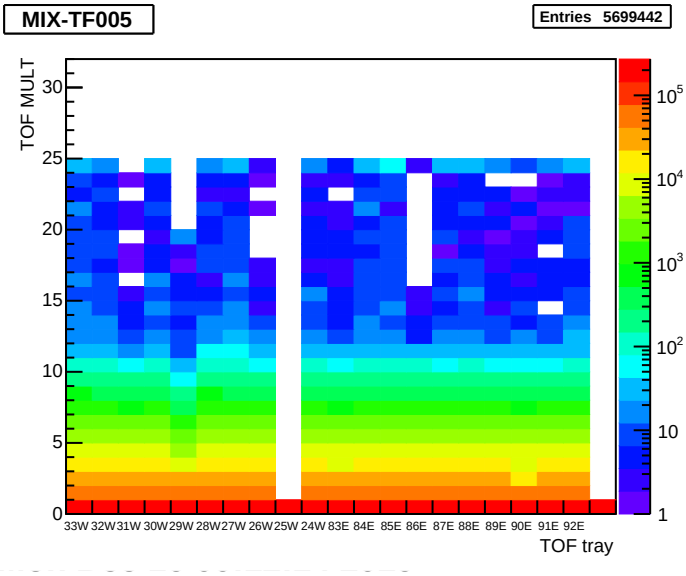

BunchId7Bit (TOFmult window)
Entries 10198

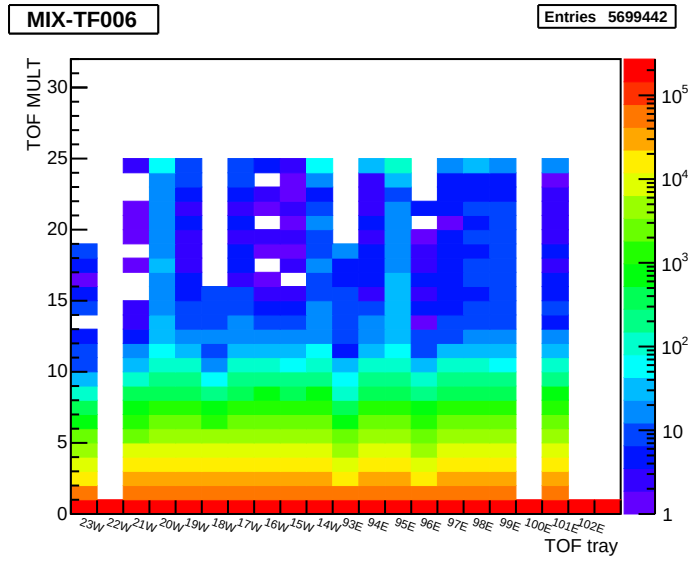

MIX-TF001
Entries 5699442
TOF MULT
TOF tray

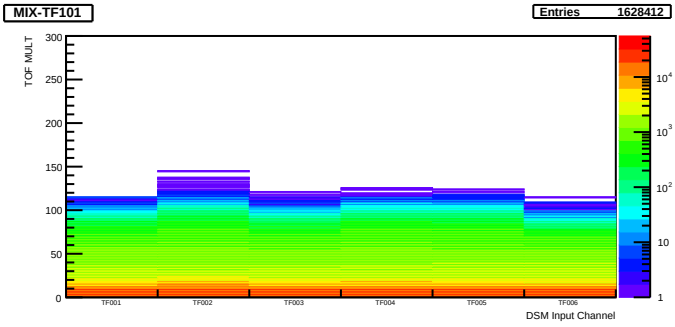

MIX-TF002
Entries 5699442
TOF MULT
TOF tray

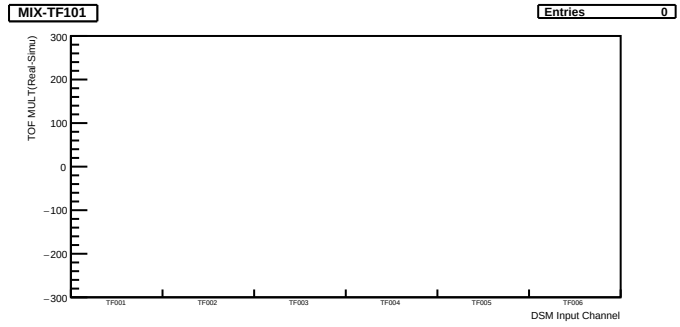

MIX-TF003
Entries 5699442
TOF MULT
TOF tray

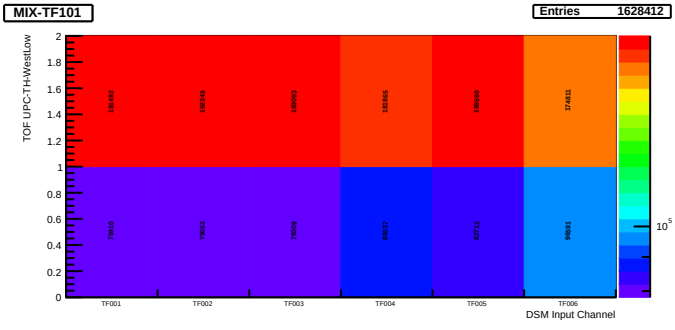

MIX-TF004
Entries 5699442
TOF MULT
TOF tray

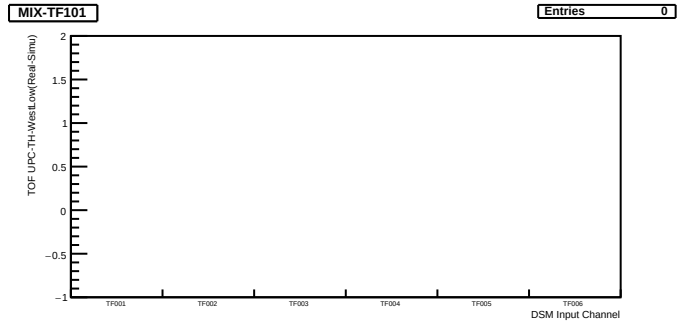

MIX-TF005
Entries 5699442
TOF MULT
TOF tray

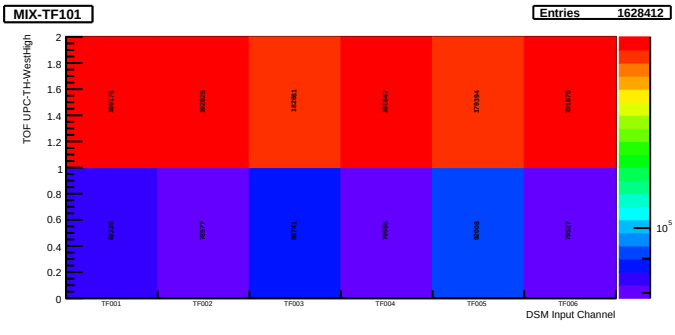

MIX-TF006
Entries 5699442
TOF MULT
TOF tray

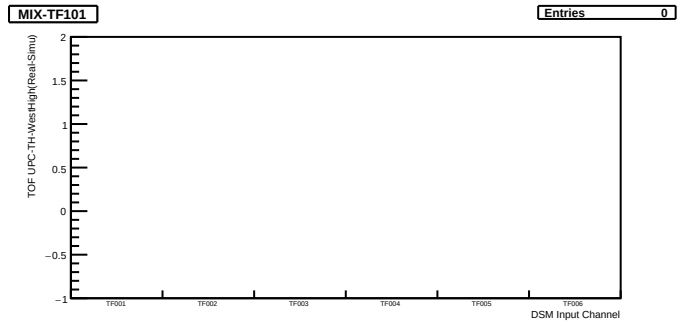

MIX-TF101
Entries 1628412
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

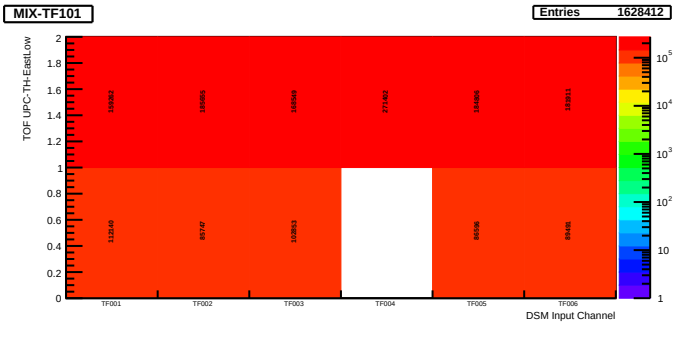

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

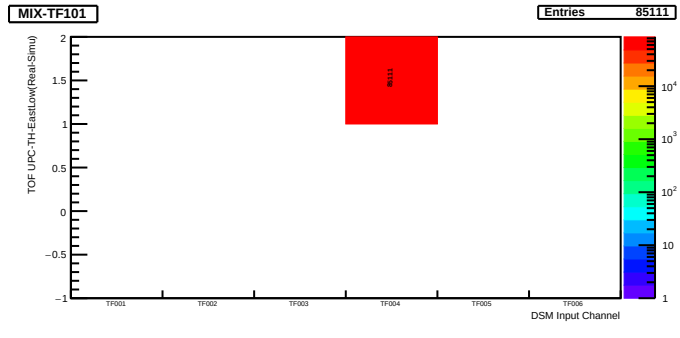

MIX-TF101
Entries 1628412
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

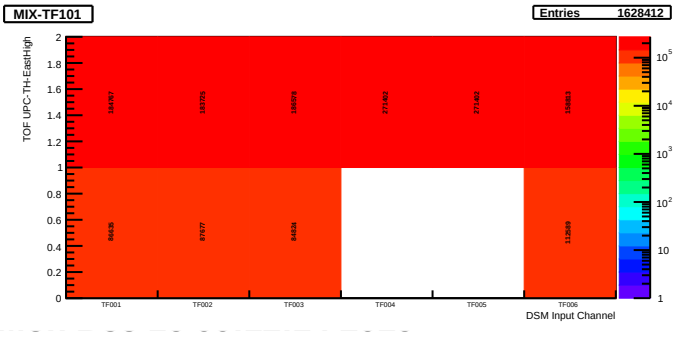

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

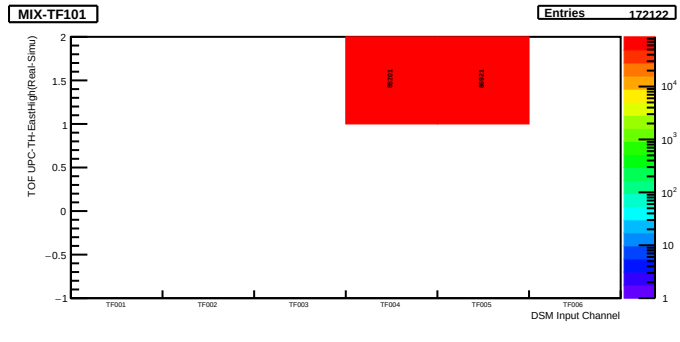

MIX-TF101
Entries 1628412
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

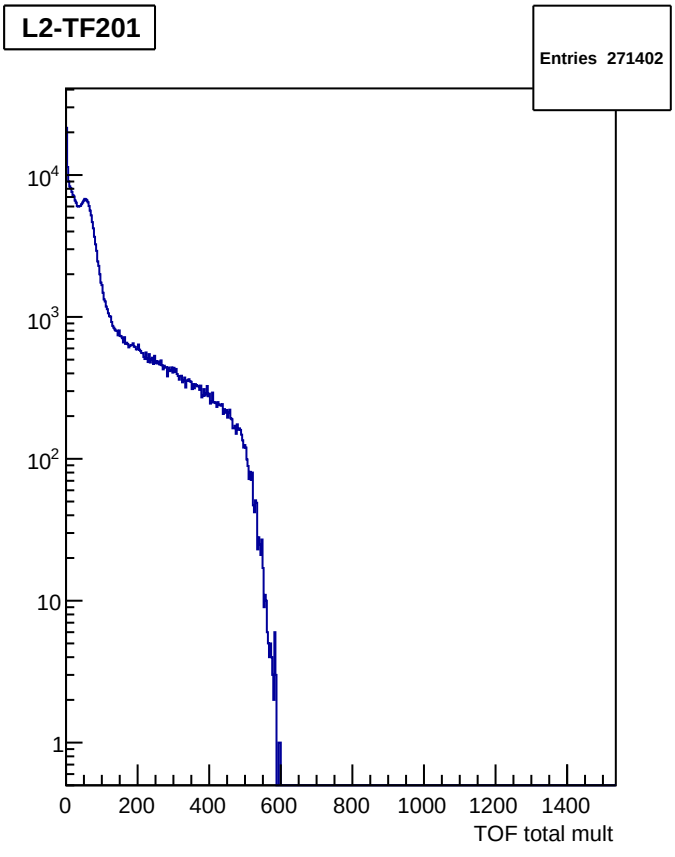

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

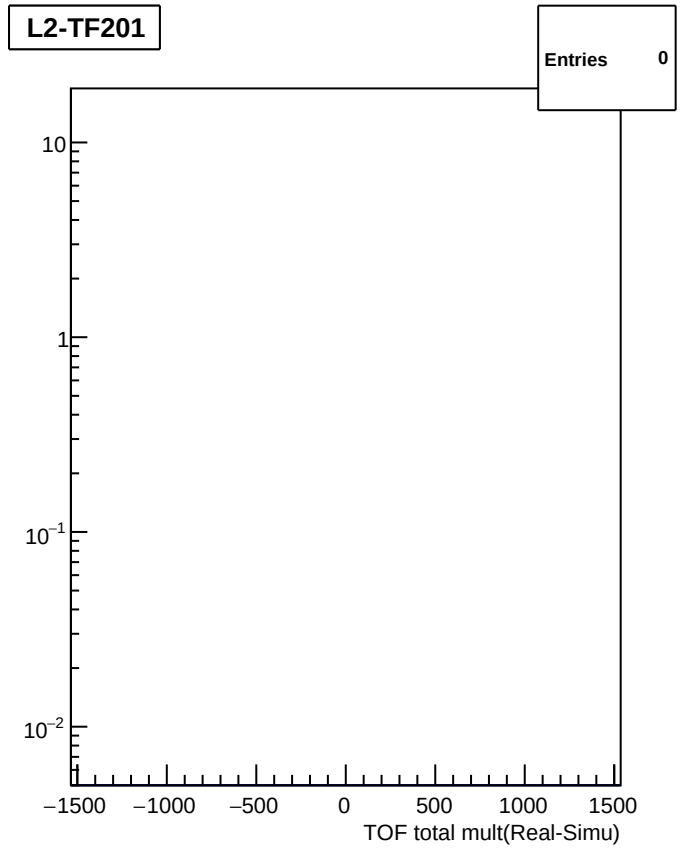

MIX-TF101
Entries 1628412
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

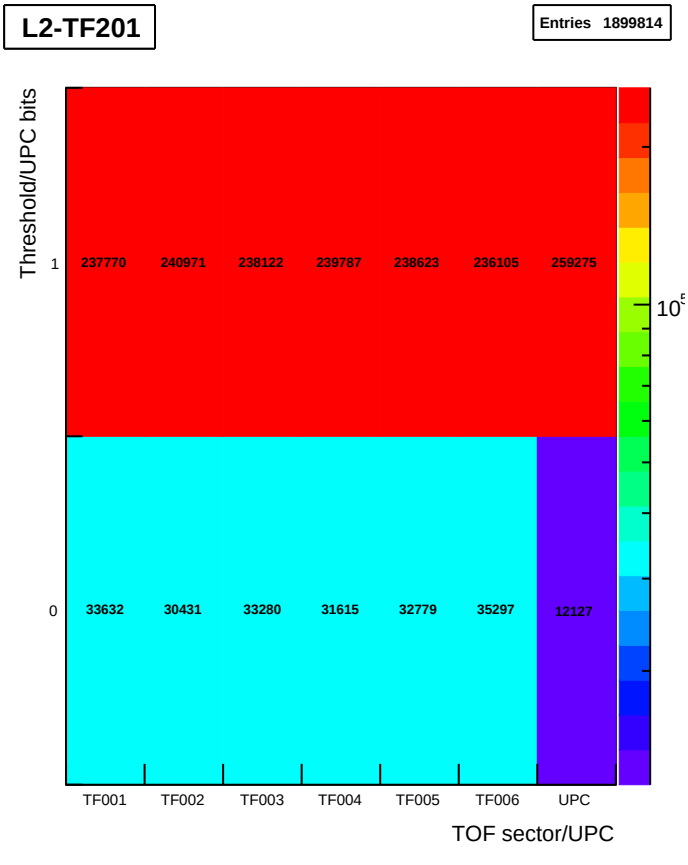

MIX-TF101
Entries 85111
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

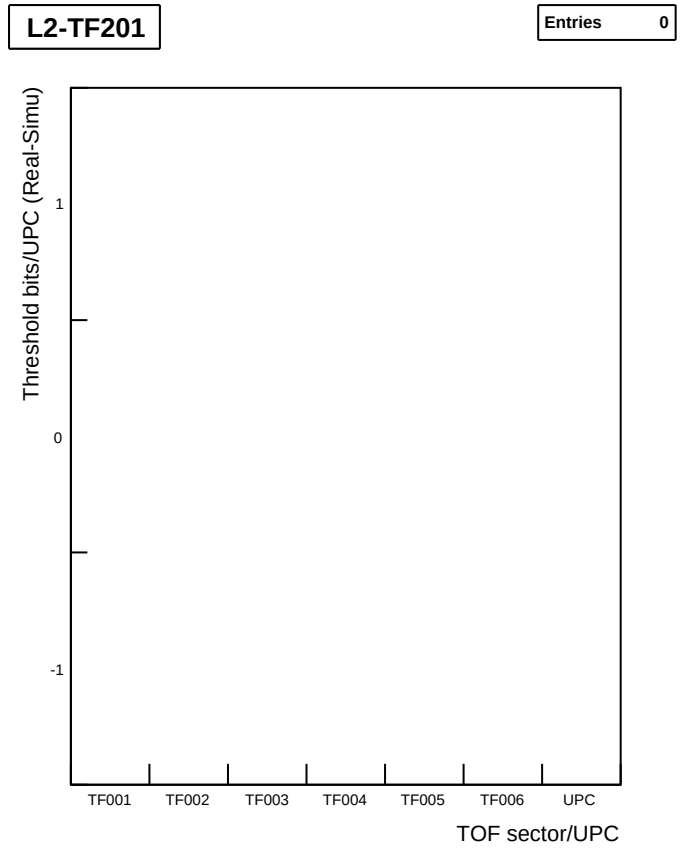

MIX-TF101
Entries 1628412
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

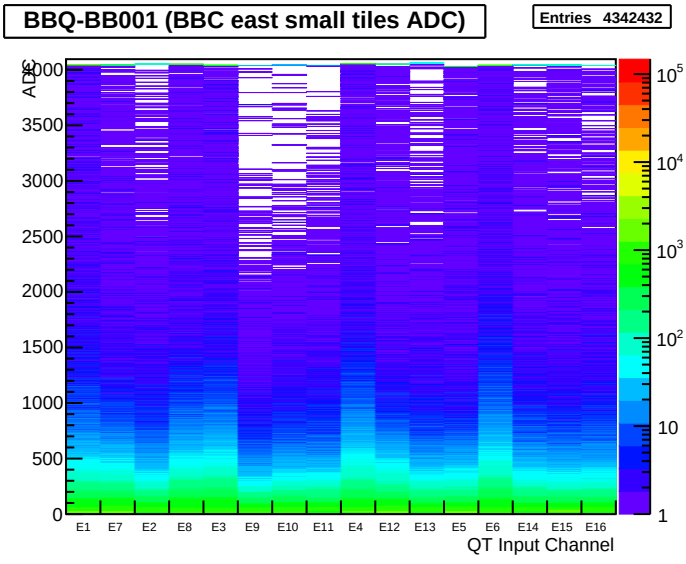

MIX-TF101
Entries 172122
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

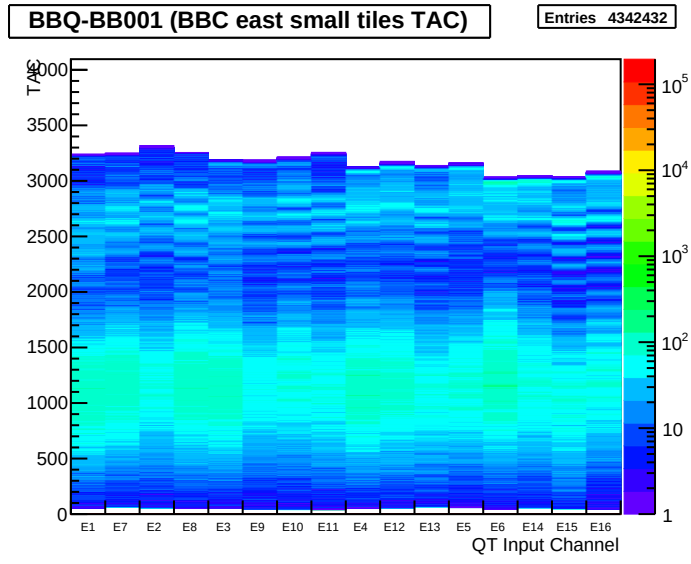

L2-TF201
Entries 271402
TOF total mult

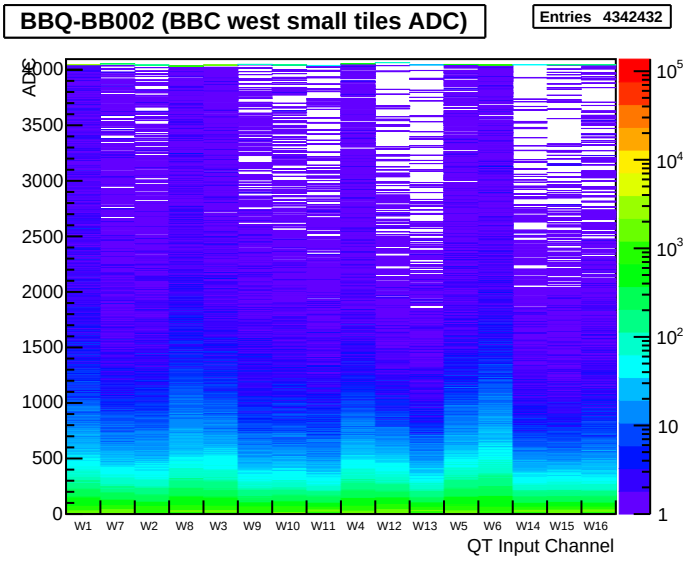

L2-TF201
Entries 0
TOF total mult(Real-Simu)

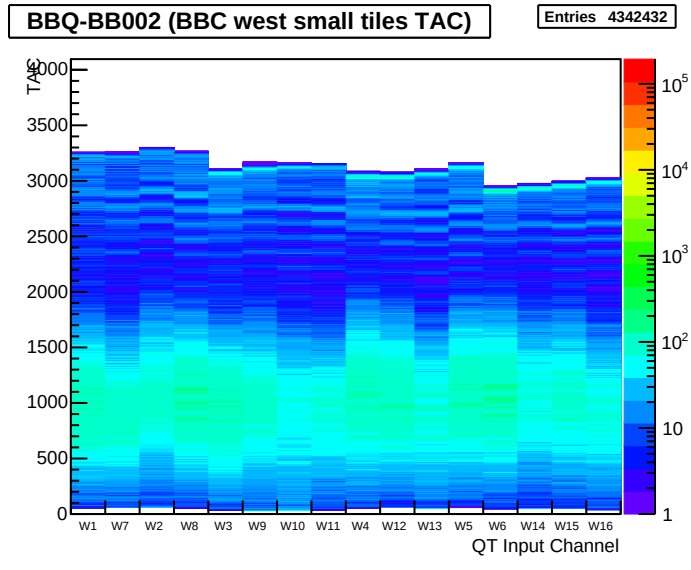

L2-TF201
Entries 1899814
Threshold/UPC bits
237770
240971
238122
239787
238623
236105
259275
33632
30431
33280
31615
32779
35297
12127
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

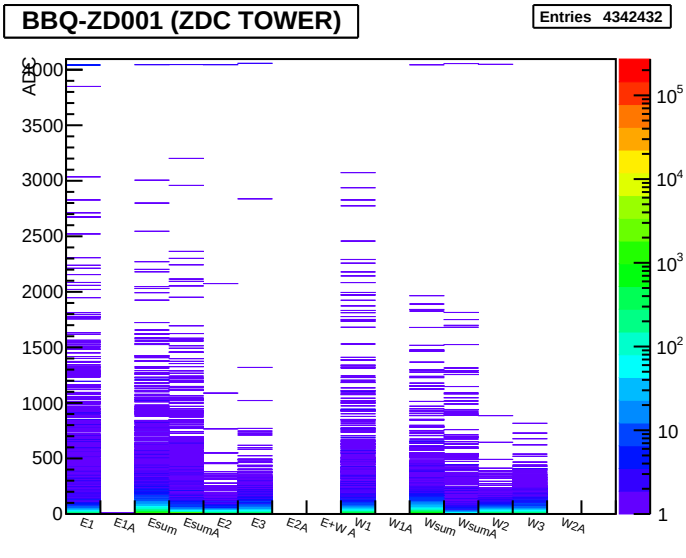

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

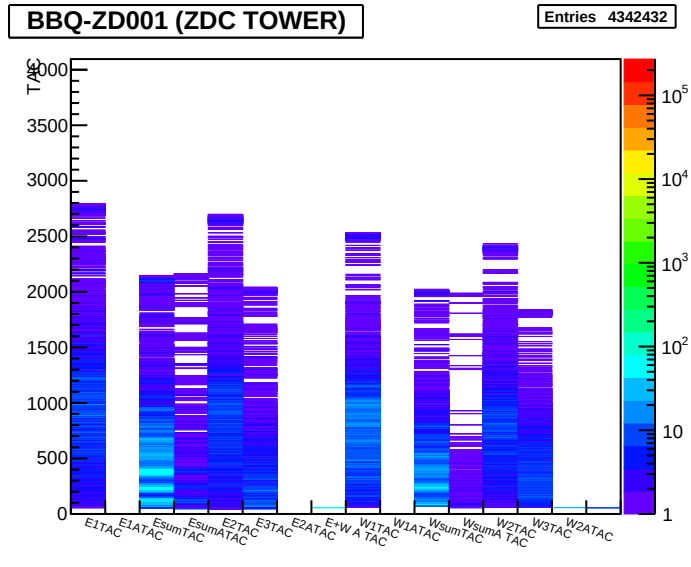

BBQ-BB001 (BBC east small tiles ADC)
Entries 4342432
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

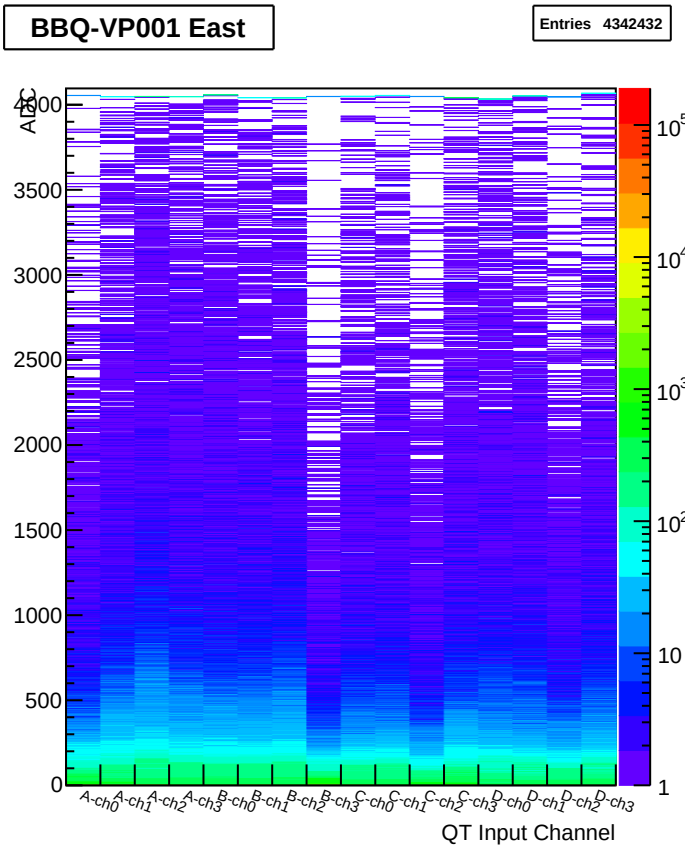

BBQ-BB001 (BBC east small tiles TAC)
Entries 4342432
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

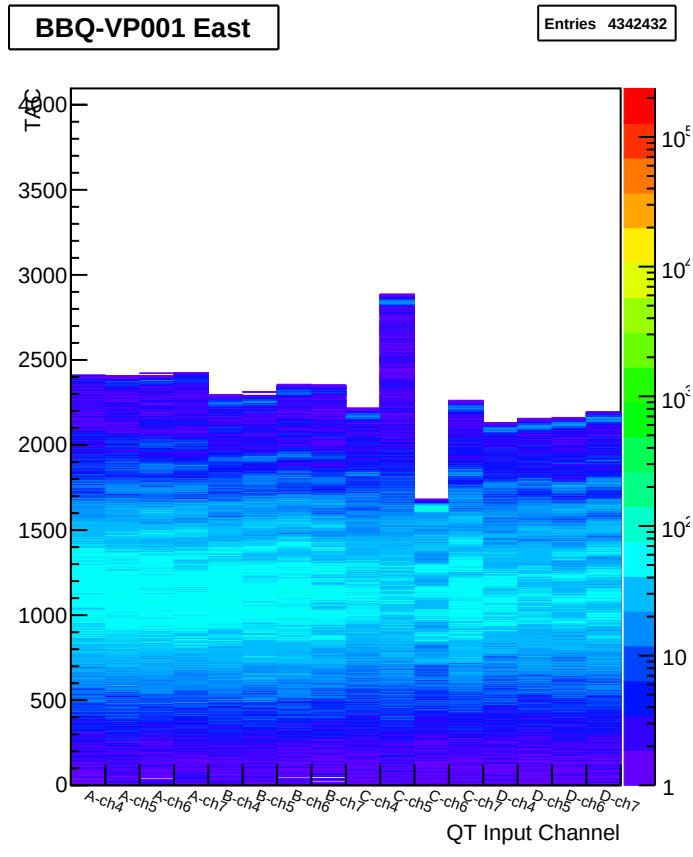

BBQ-BB002 (BBC west small tiles ADC)
Entries 4342432
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

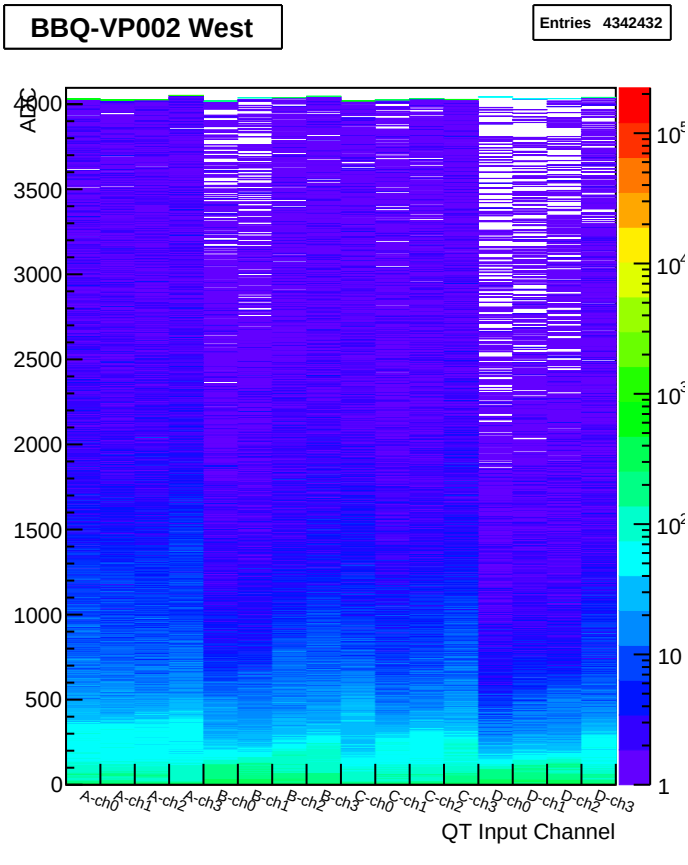

BBQ-BB002 (BBC west small tiles TAC)
Entries 4342432
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

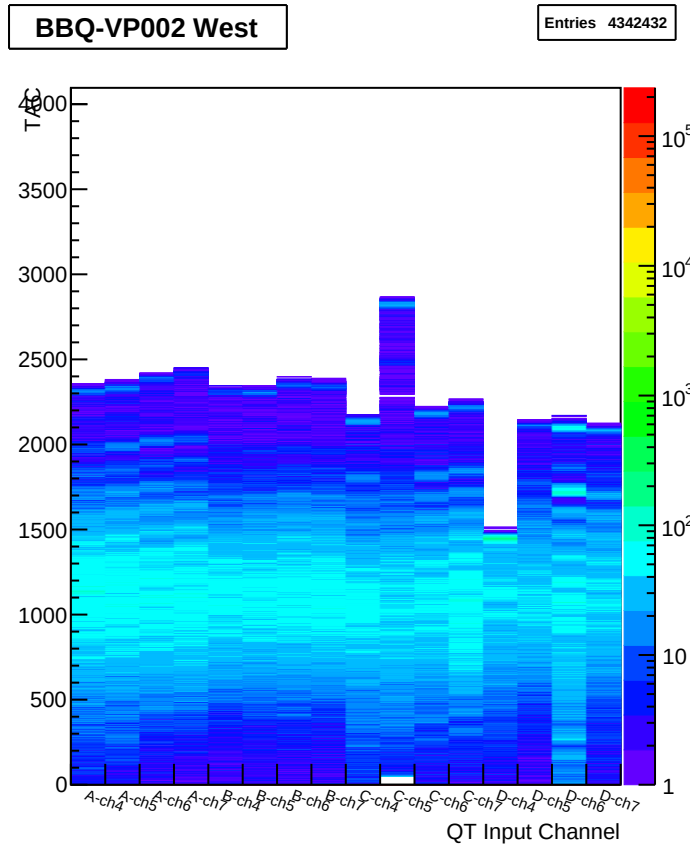

BBQ-ZD001 (ZDC TOWER)
Entries 4342432
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

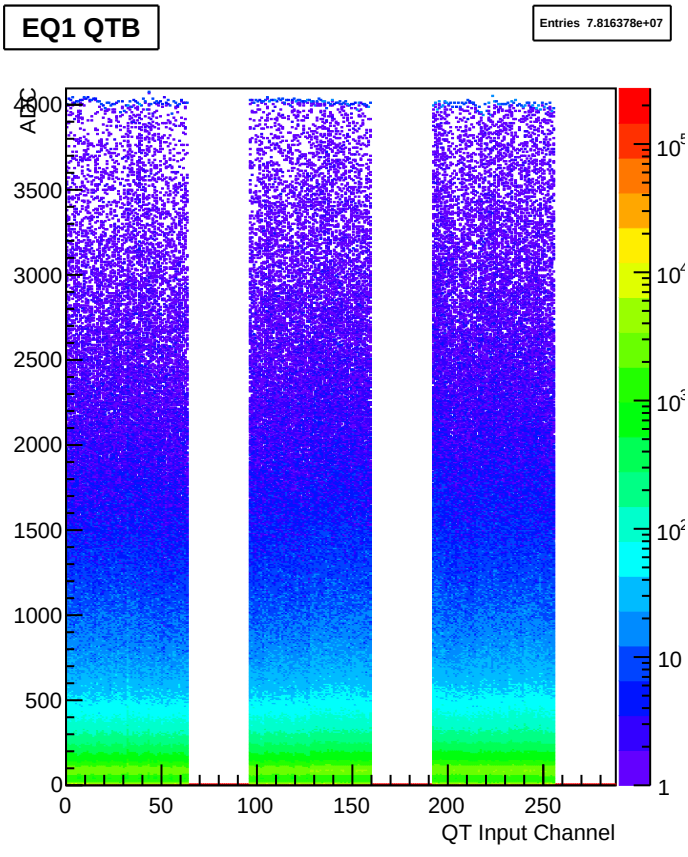

BBQ-ZD001 (ZDC TOWER)
Entries 4342432
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

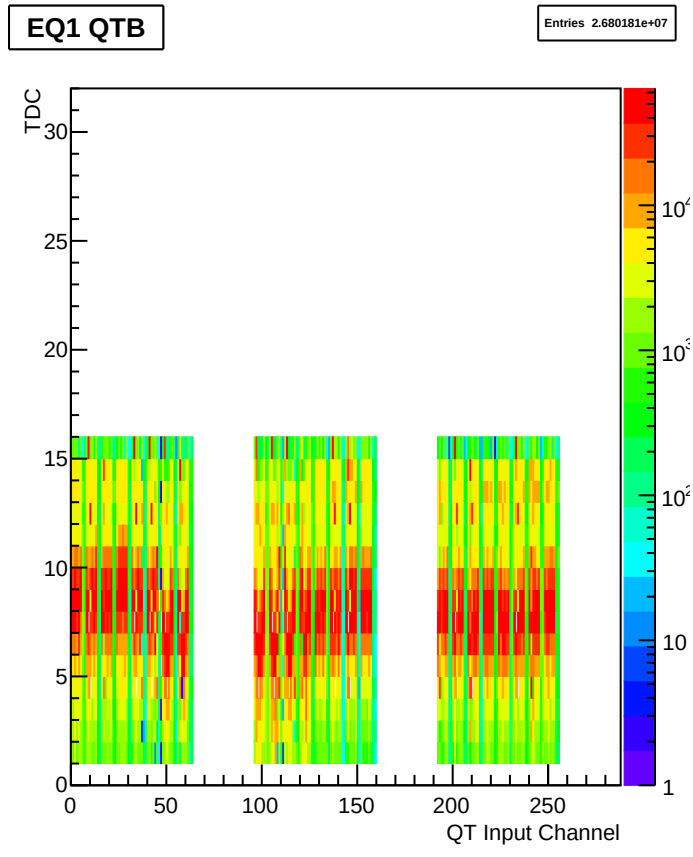

BBQ-VP001 East
Entries 4342432
ADC
QT Input Channel

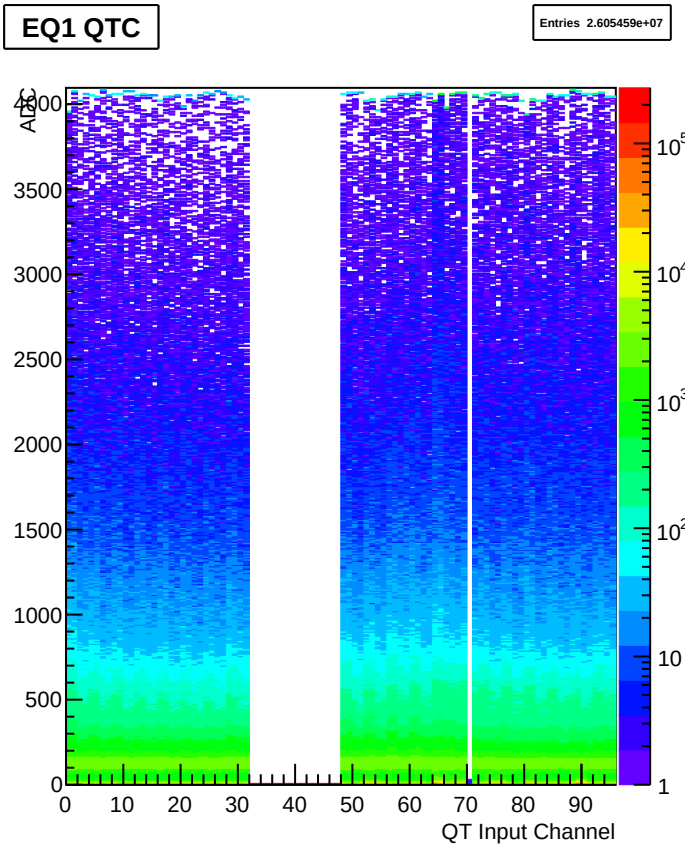

BBQ-VP001 East
Entries 4342432
TADC
QT Input Channel

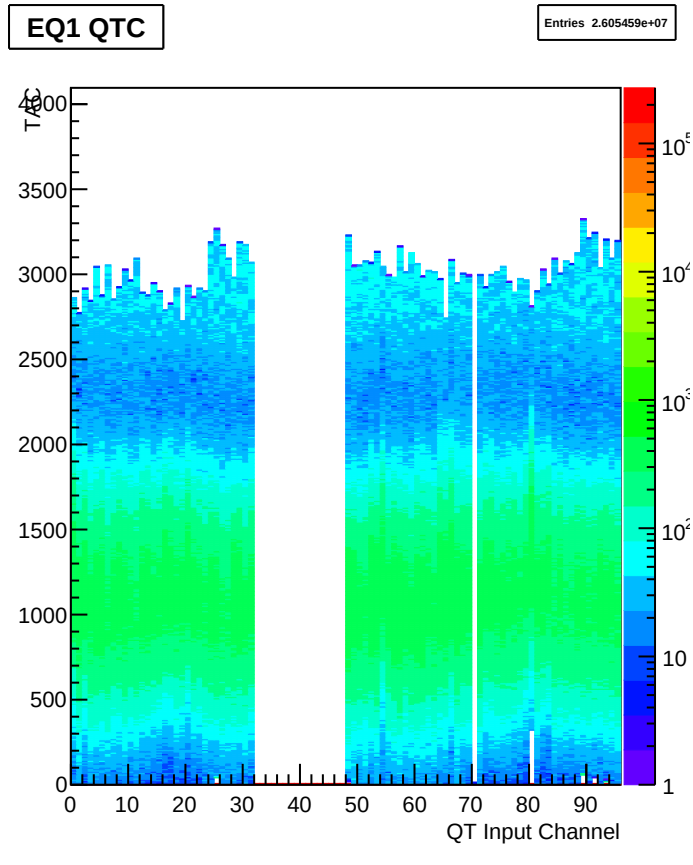

BBQ-VP002 West
Entries 4342432
ADC
QT Input Channel

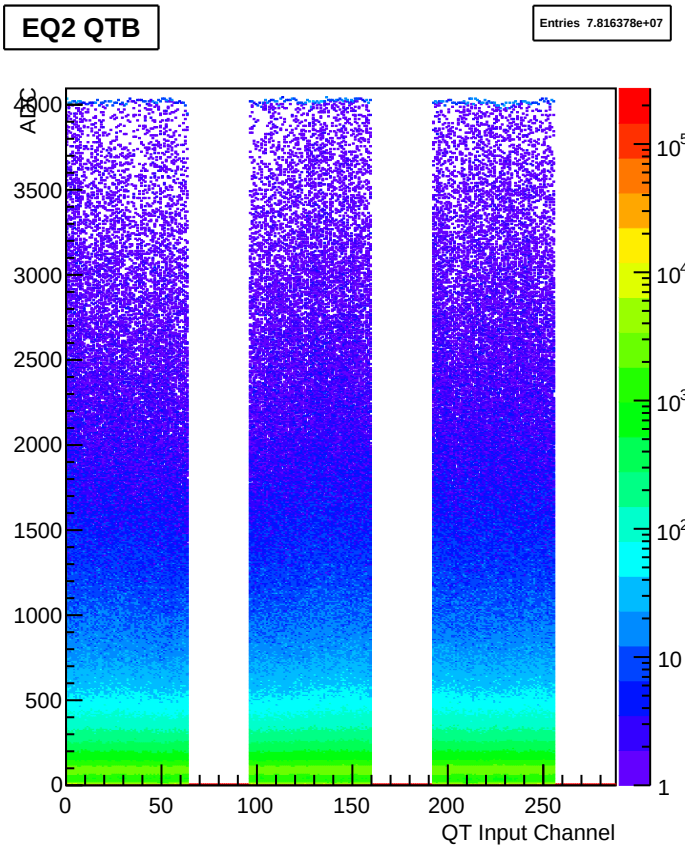

BBQ-VP002 West
Entries 4342432
TADC
QT Input Channel

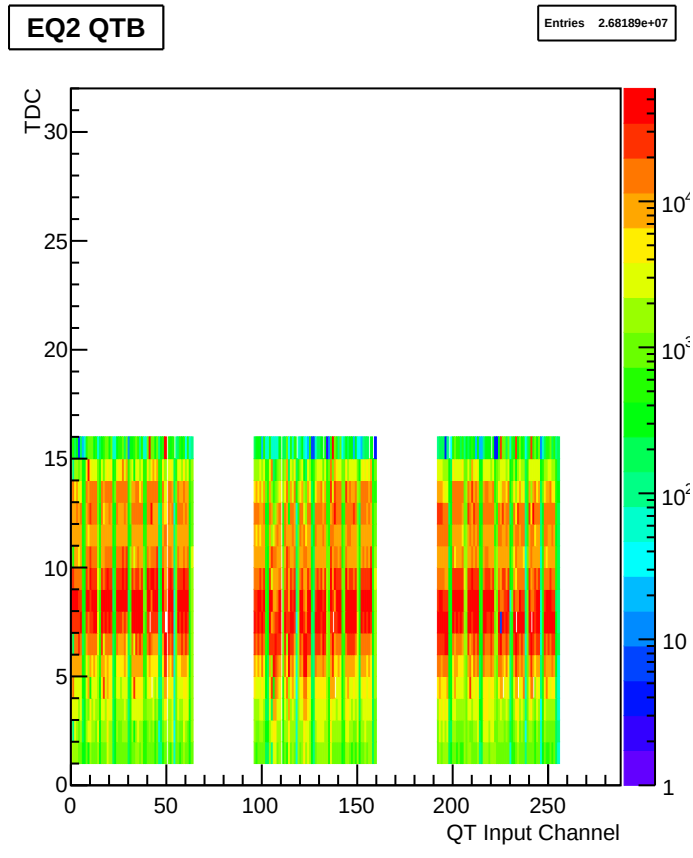

EQ1 QTB
Entries 7.816378e+07
ADC
QT Input Channel

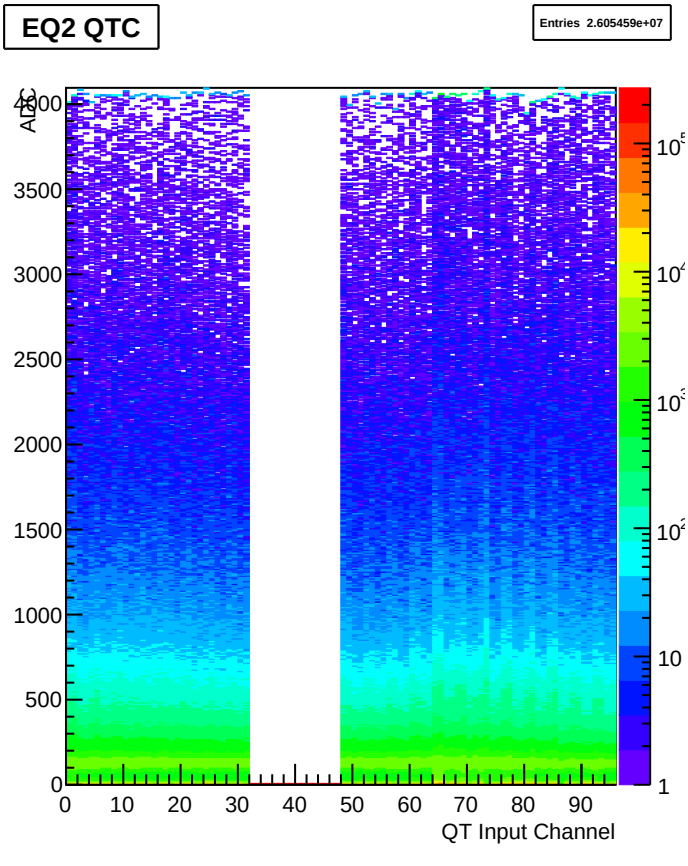

EQ1 QTB
Entries 2.680181e+07
TDC
QT Input Channel

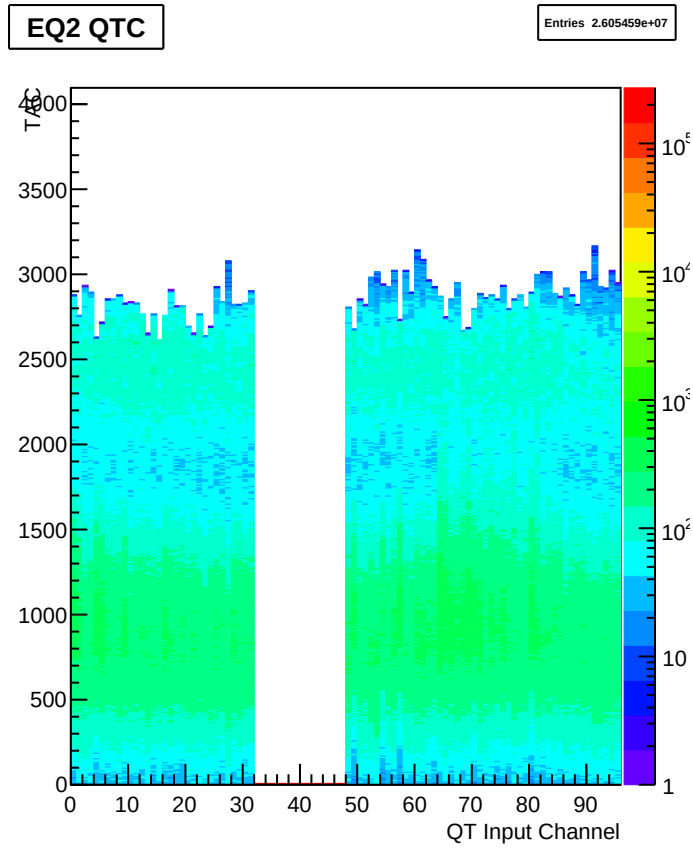

EQ1 QTC
Entries 2.605459e+07
ADC
QT Input Channel

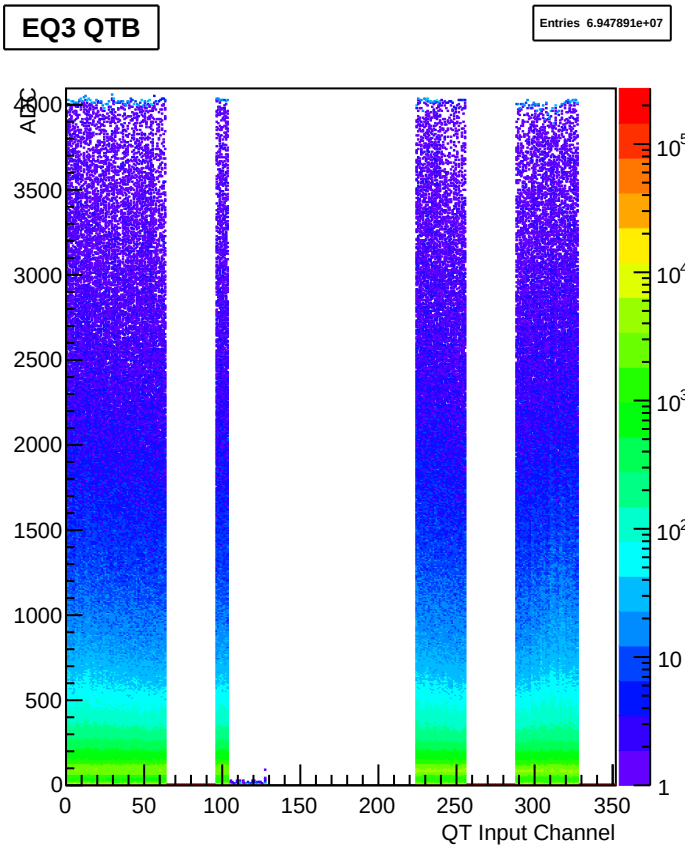

EQ1 QTC
Entries 2.605459e+07
TADC
QT Input Channel

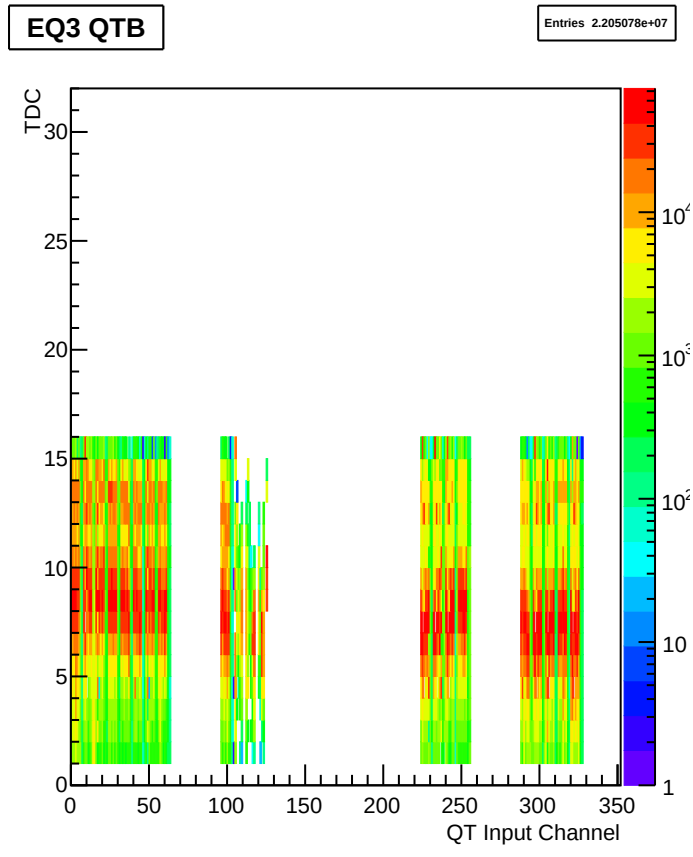

EQ2 QTB
Entries 7.816378e+07
ADC
QT Input Channel

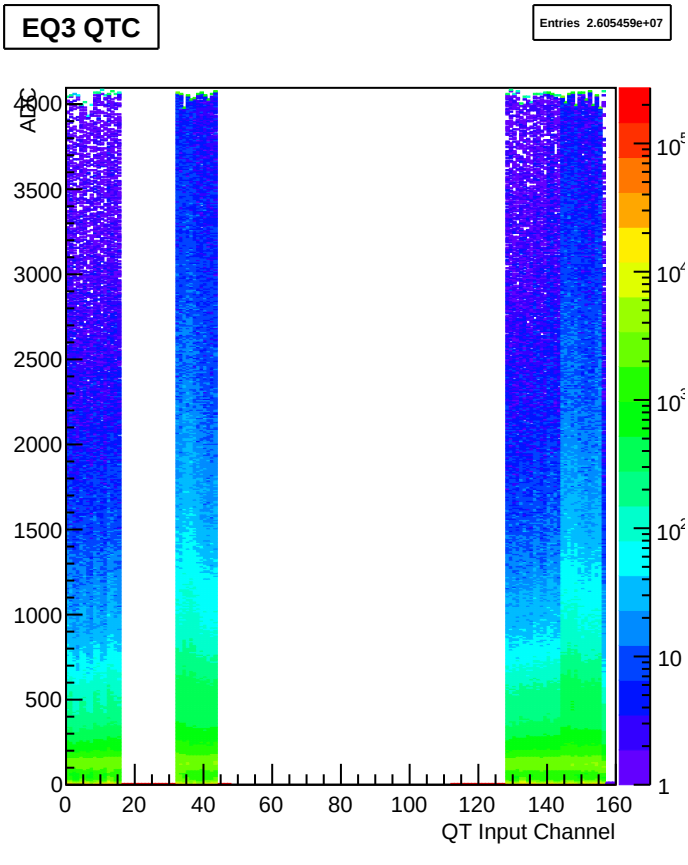

EQ2 QTB
Entries 2.68189e+07
TDC
QT Input Channel

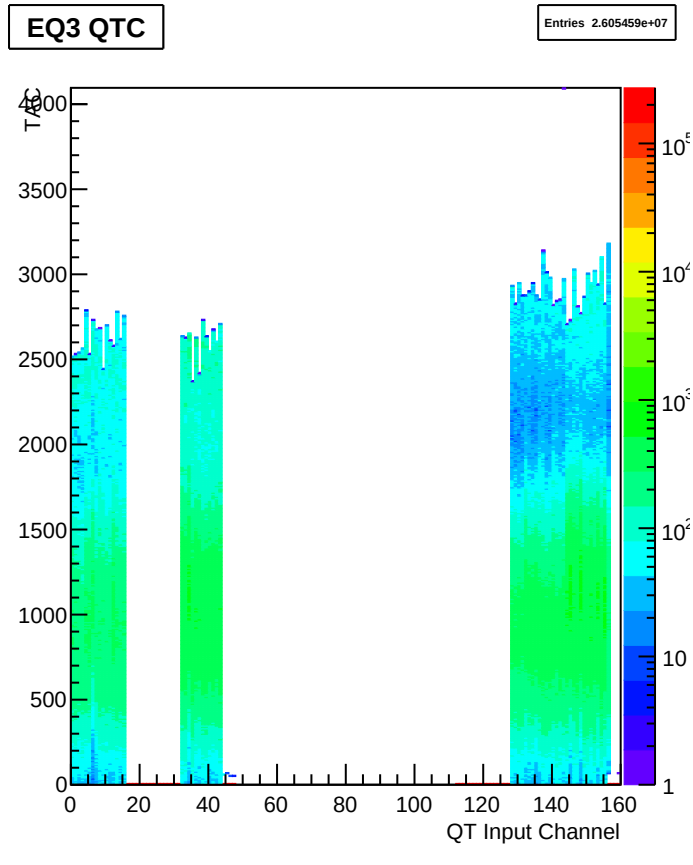

EQ2 QTC
Entries 2.605459e+07
ADC
QT Input Channel

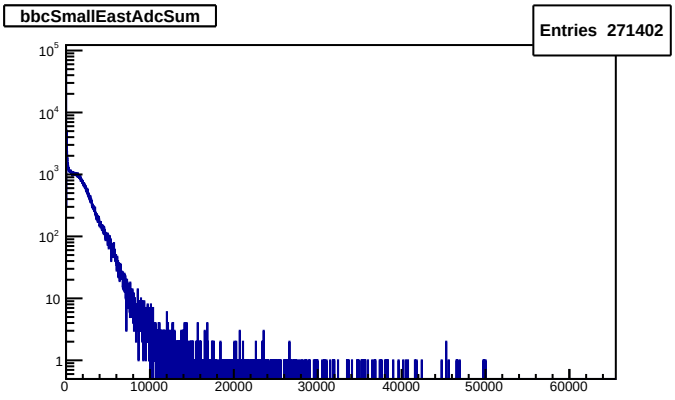

EQ2 QTC
Entries 2.605459e+07
TADC
QT Input Channel

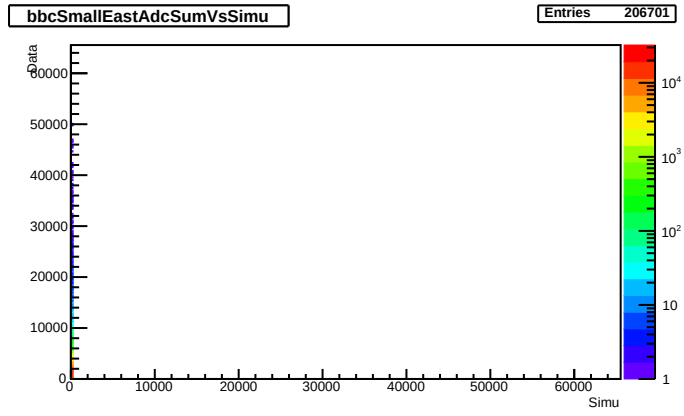

EQ3 QTB
Entries 6.947891e+07
ADC
QT Input Channel

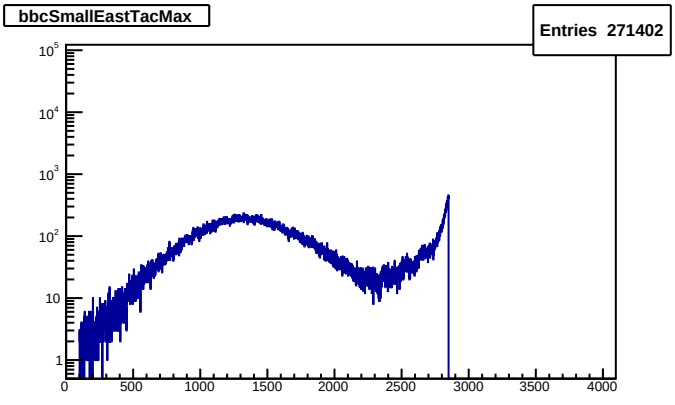

EQ3 QTB
Entries 2.205078e+07
TDC
QT Input Channel

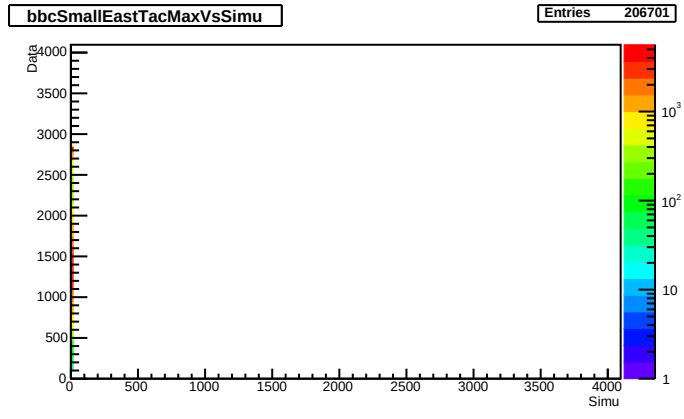

EQ3 QTC
Entries 2.605459e+07
ADC
QT Input Channel

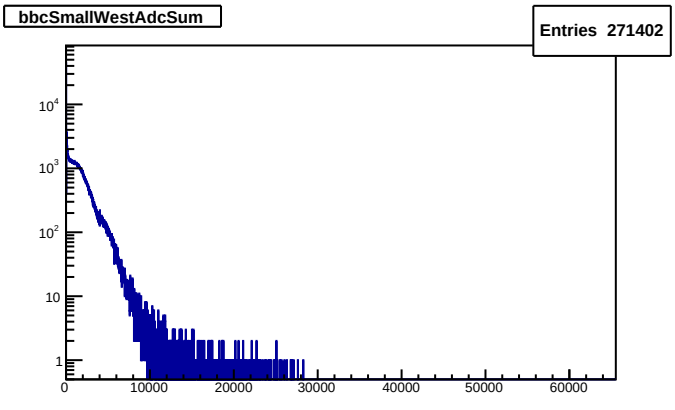

EQ3 QTC
Entries 2.605459e+07
TADC
QT Input Channel

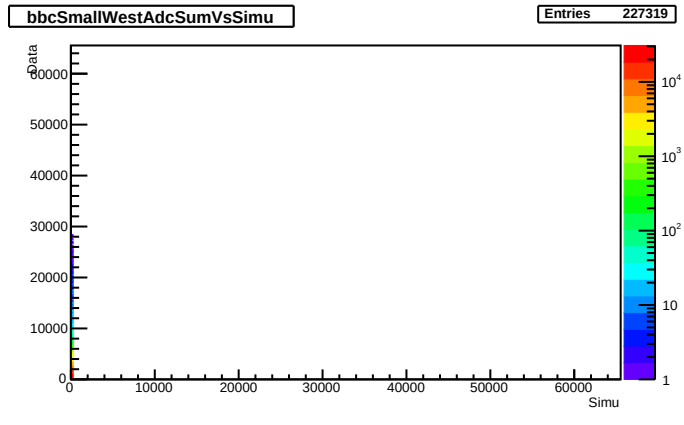

bbcSmallEastAdcSum
Entries 271402

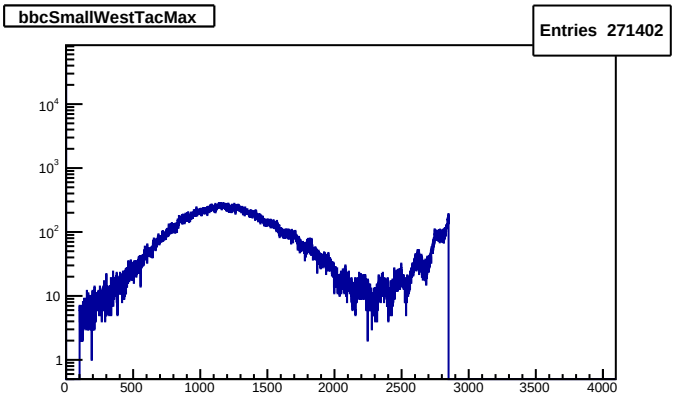

bbcSmallEastAdcSumVsSimu
Entries 206701
Data
Simu

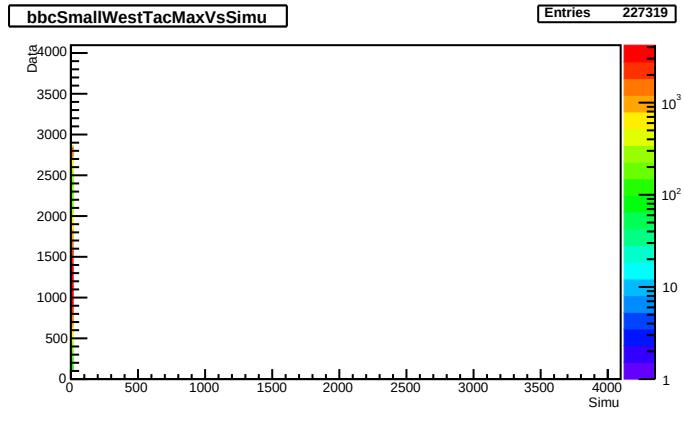

bbcSmallEastTacMax
Entries 271402

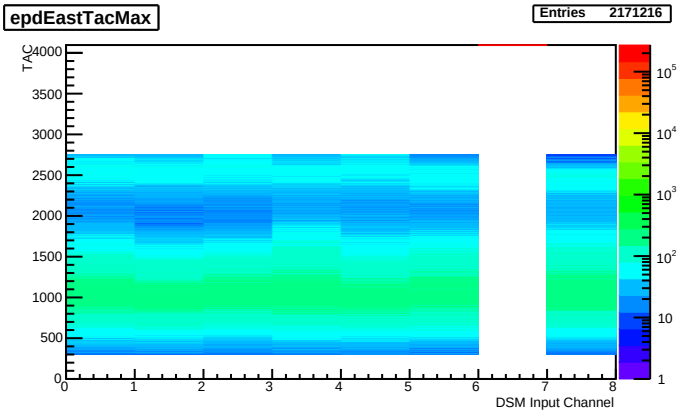

bbcSmallEastTacMaxVsSimu
Entries 206701
Data
Simu

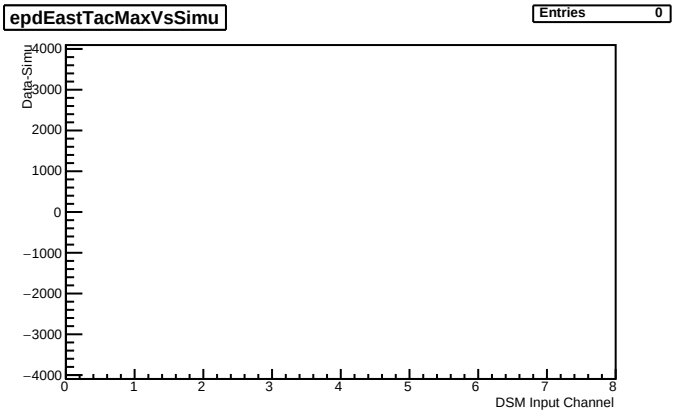

bbcSmallWestAdcSum
Entries 271402

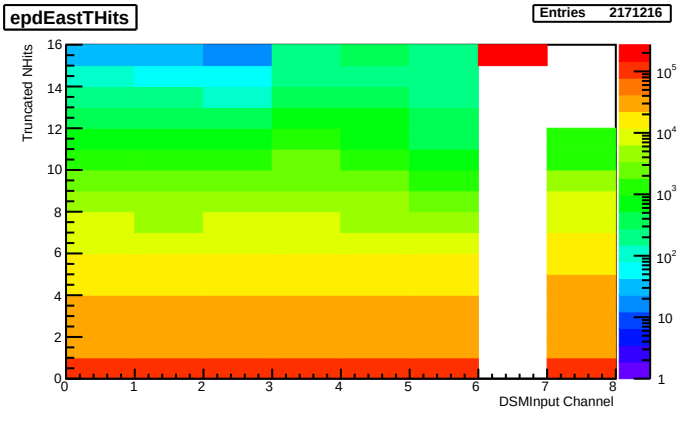

bbcSmallWestAdcSumVsSimu
Entries 227319
Data
Simu

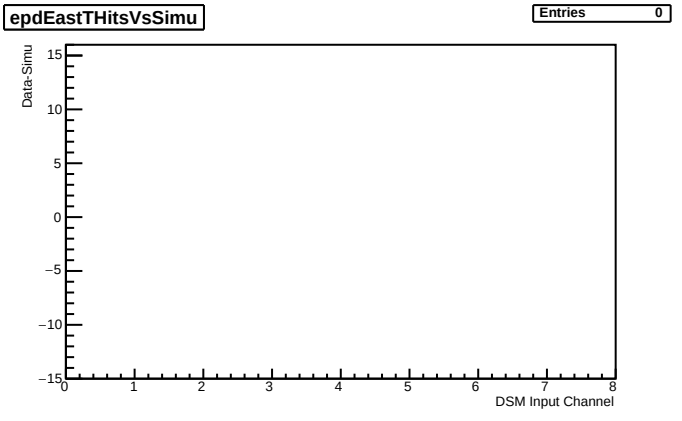

bbcSmallWestTacMax
Entries 271402


bbcSmallWestTacMaxVsSimu
Entries 227319
Data
Simu


epdEastTacMax
Entries 2171216
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2171216
Truncated NHits
DSMInput Channel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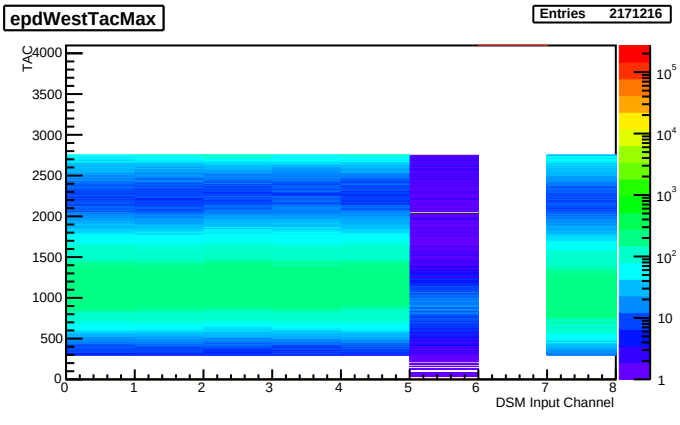
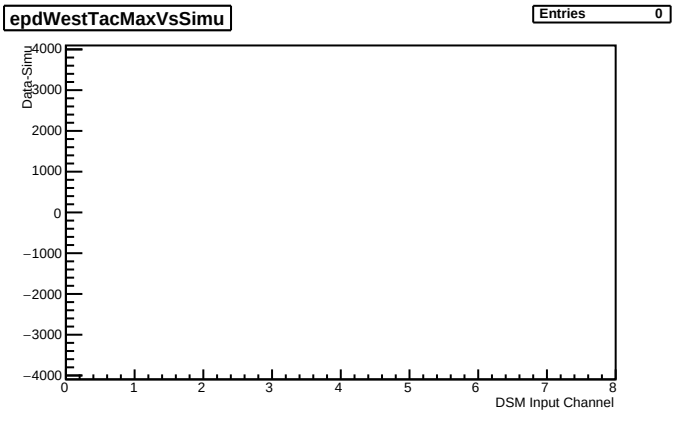
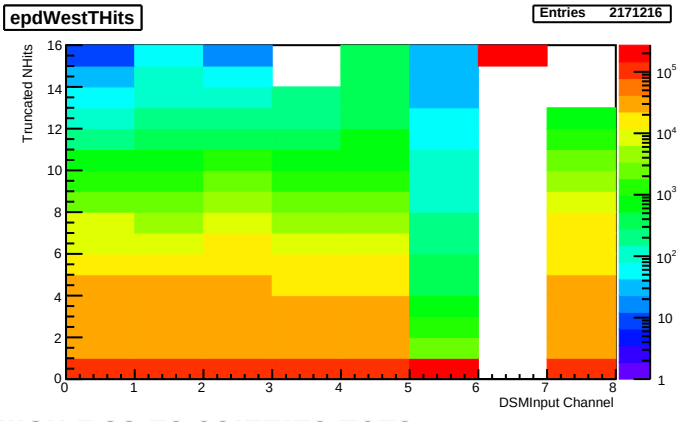
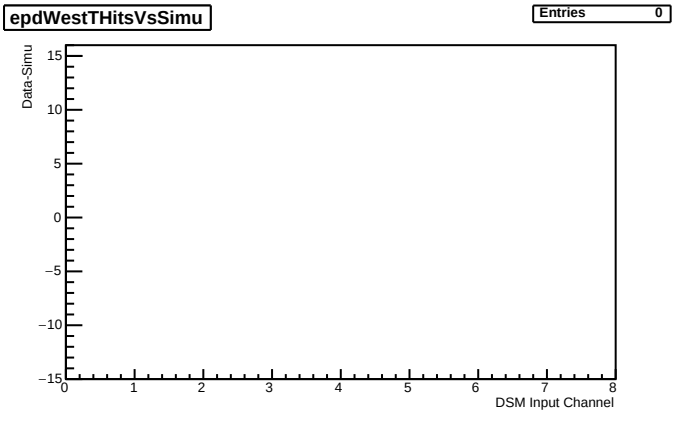
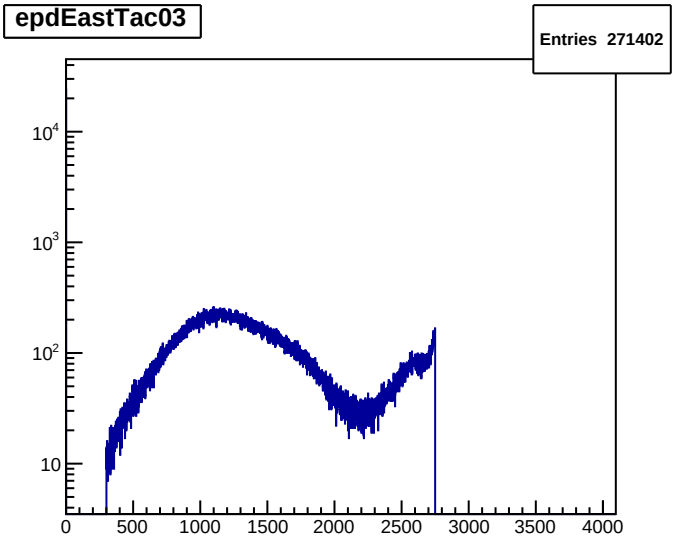
Data-Simu
DSM Input Channel

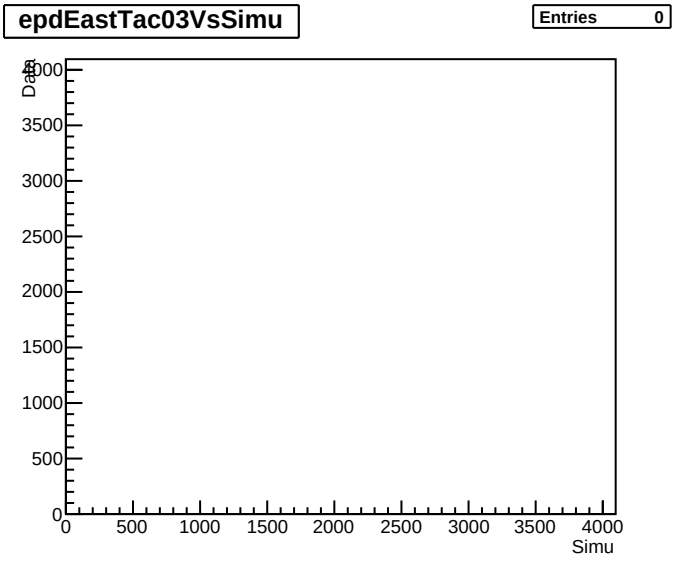

epdWestTacMax
Entries 2171216
TAC
DSM Input Channel

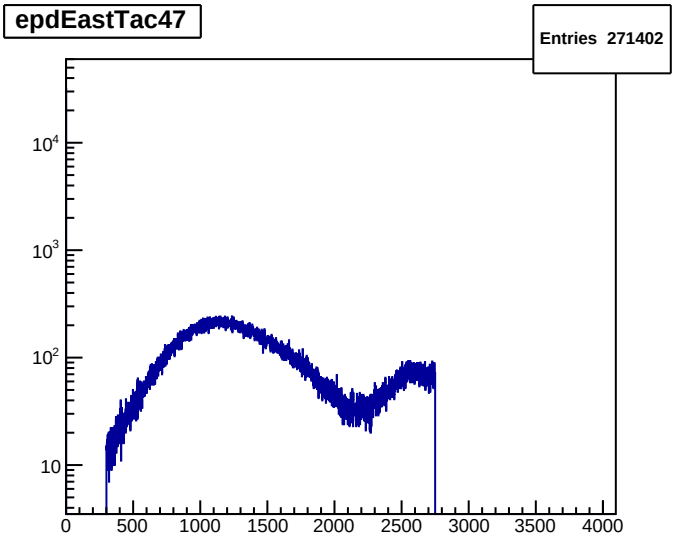

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

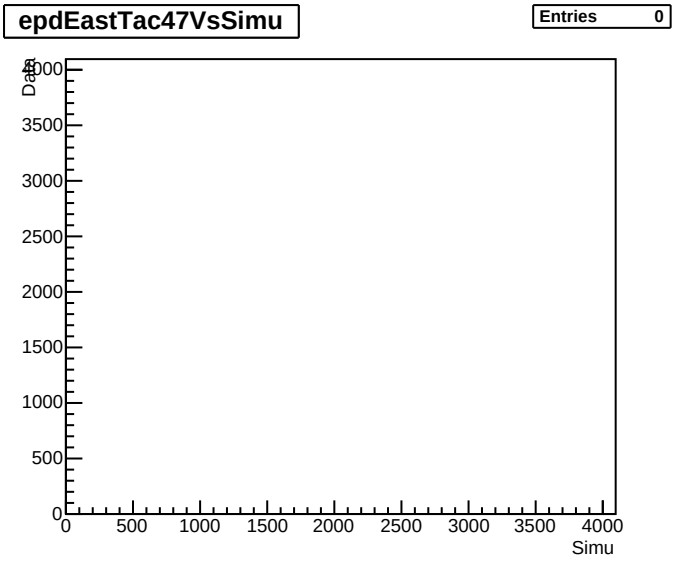

epdWestTHits
Entries 2171216
Truncated NHits
DSMInput Channel

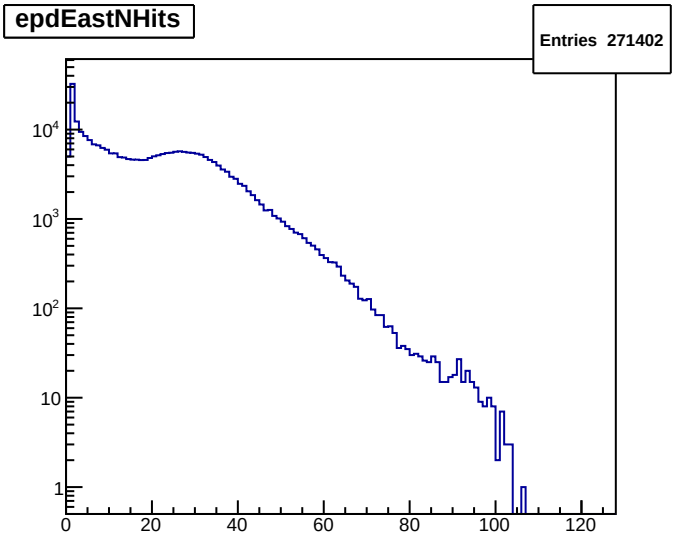

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

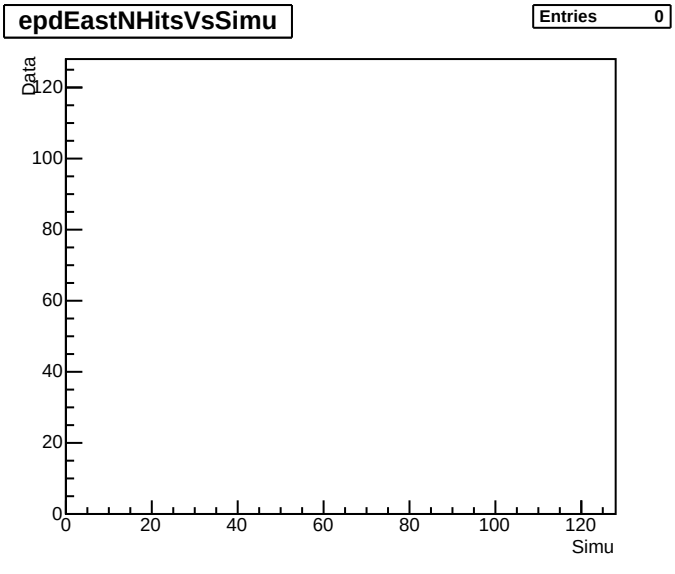

epdEastTac03
Entries 271402

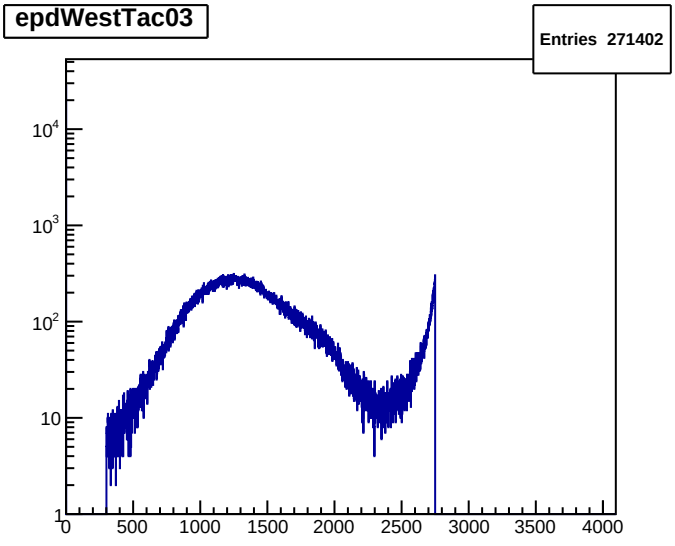

epdEastTac03VsSimu
Entries 0
Data
Simu

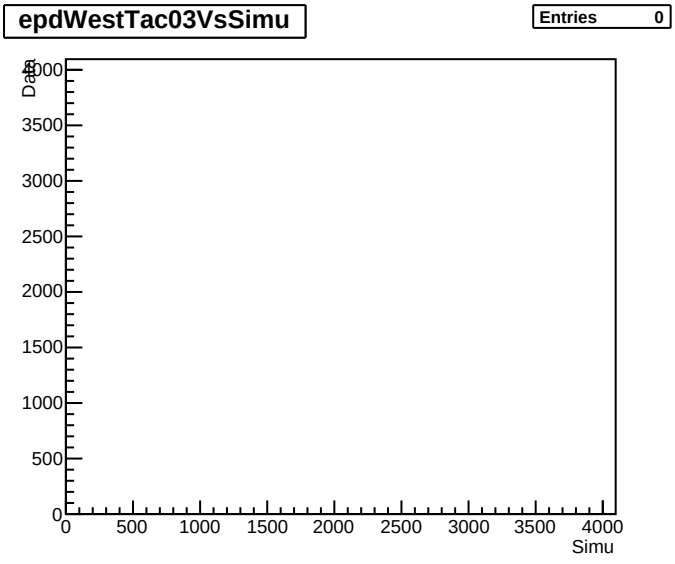

epdEastTac47
Entries 271402


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 271402


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 271402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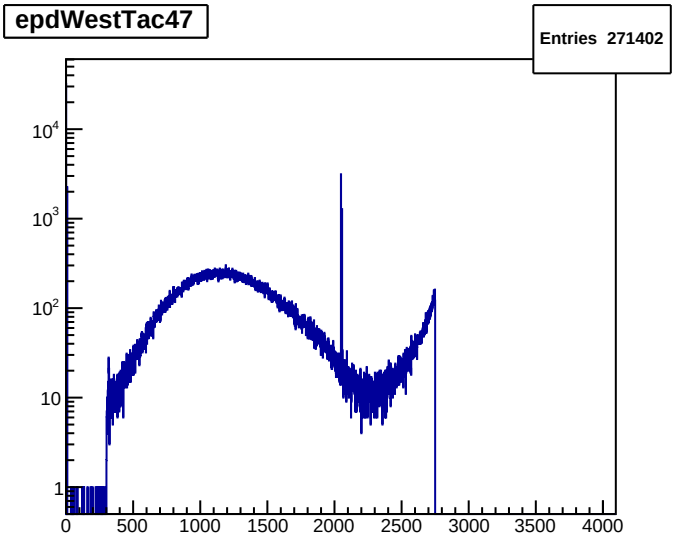
Entries 0
Data
Simu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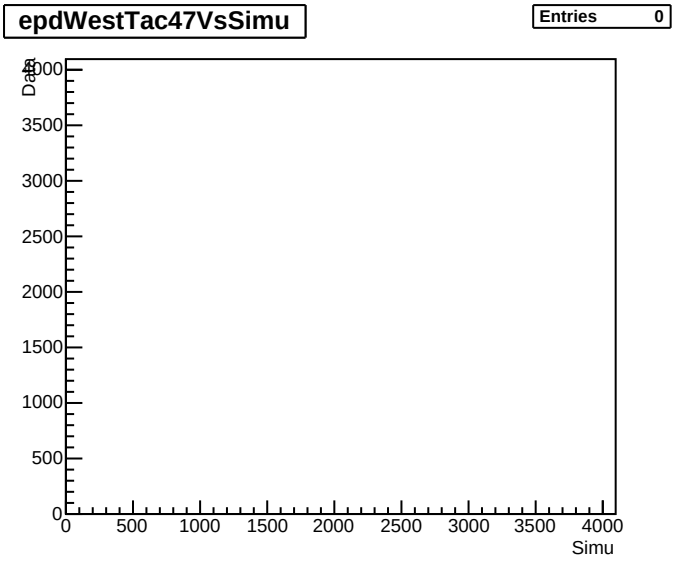
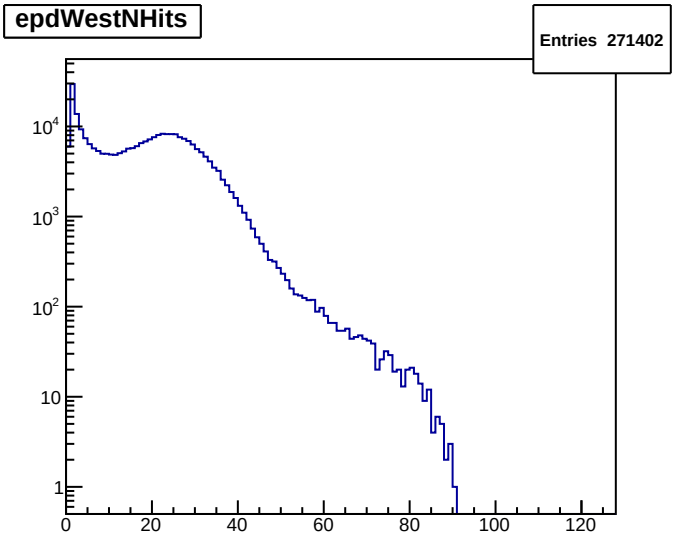
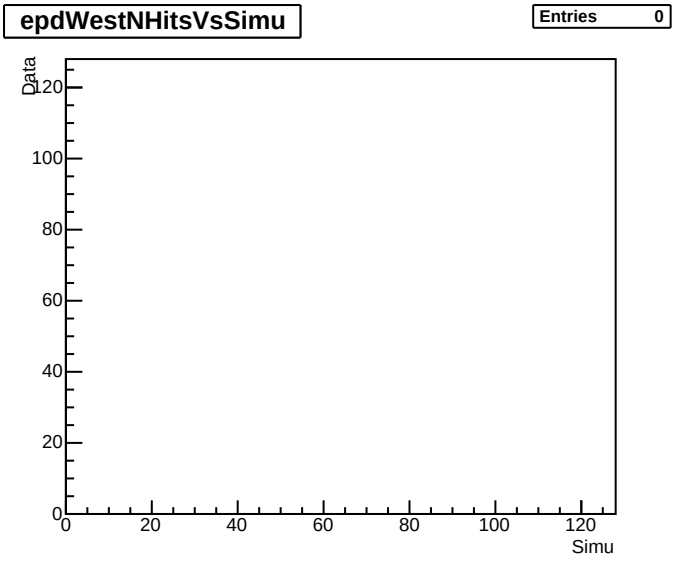
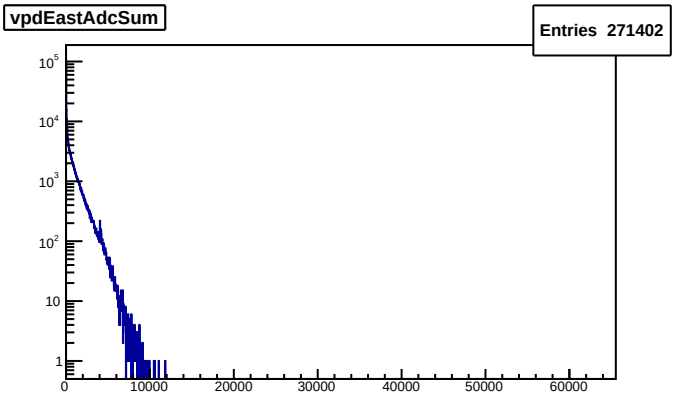
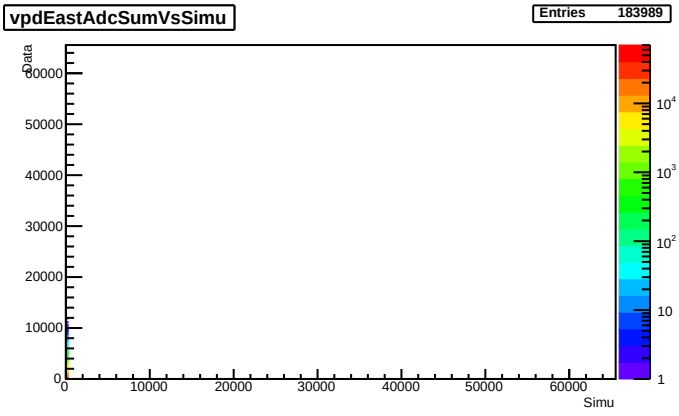
Entries 271402

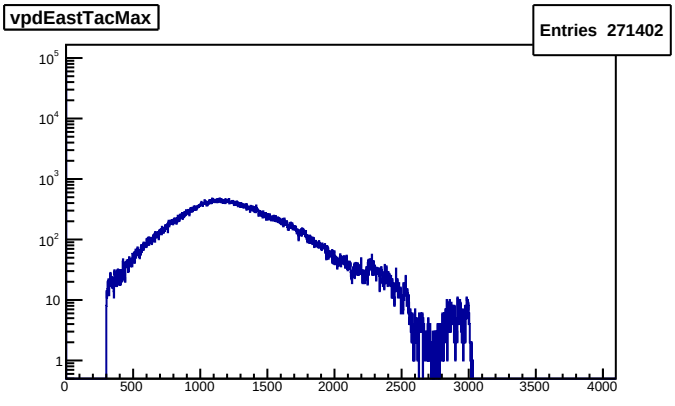

epdWestTac47VsSimu
Entries 0
Data
Simu

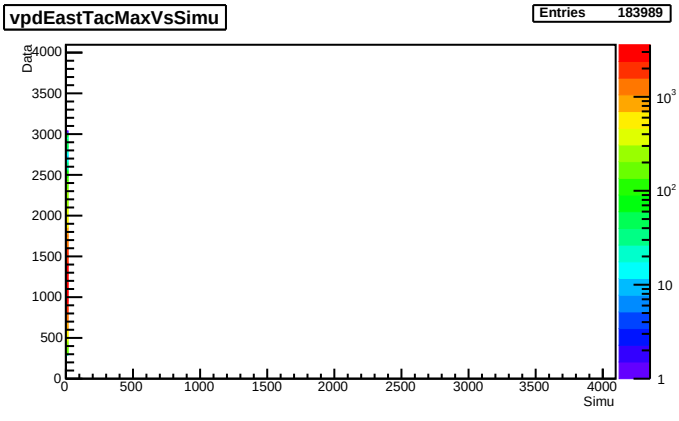

epdWestNHits
Entries 271402

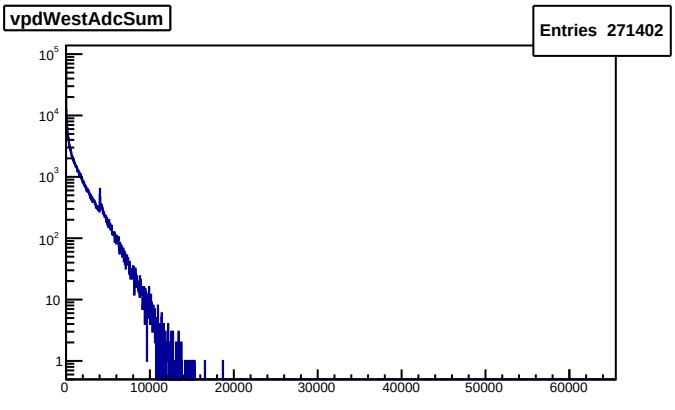

epdWestNHitsVsSimu
Entries 0
Data
Simu

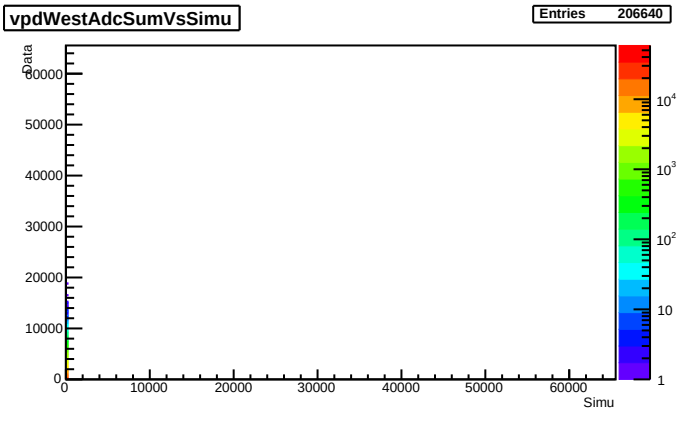

vpdEastAdcSum
Entries 271402

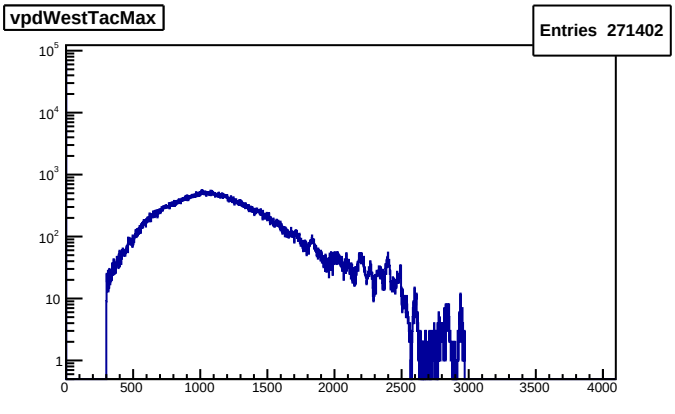

vpdEastAdcSumVsSimu
Entries 183989
Data
Simu

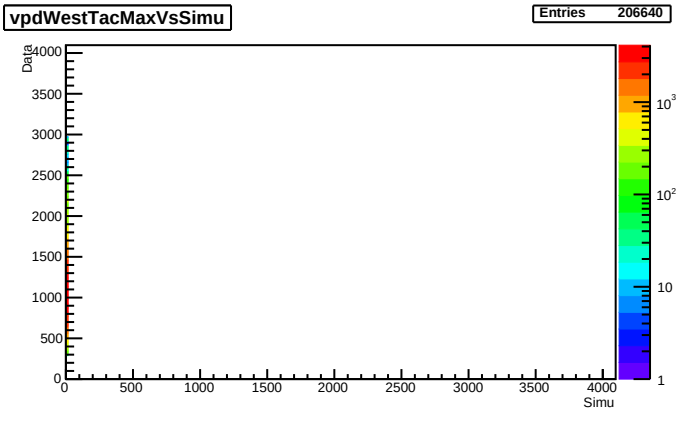

vpdEastTacMax
Entries 271402

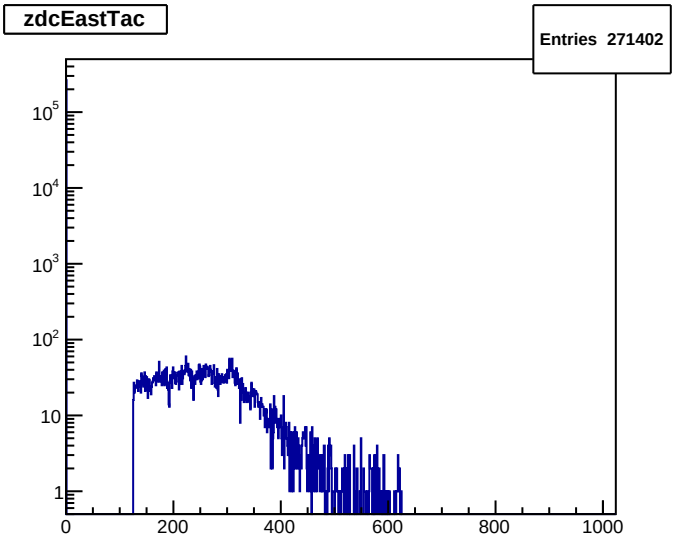

vpdEastTacMaxVsSimu
Entries 183989
Data
Simu

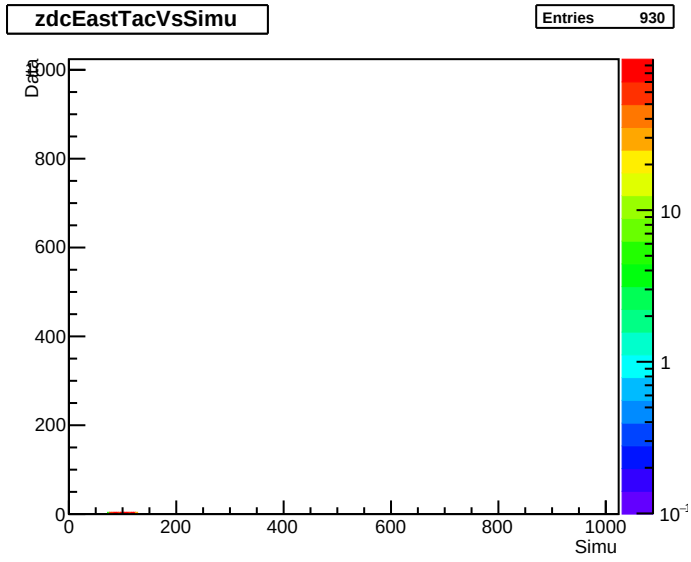

vpdWestAdcSum
Entries 271402

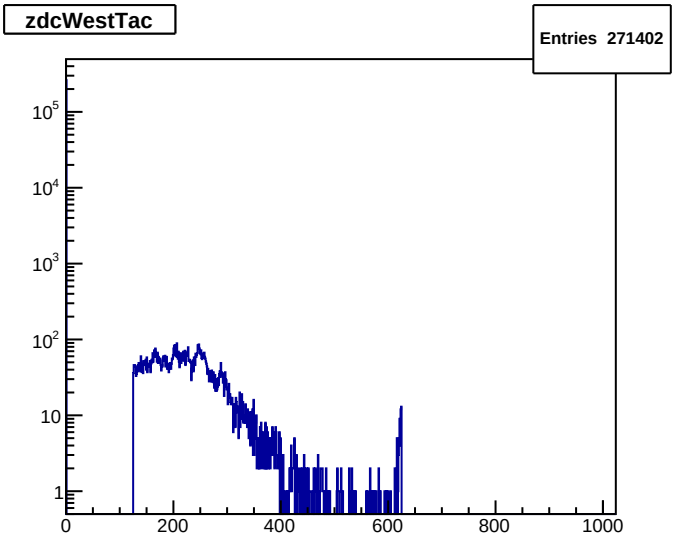

vpdWestAdcSumVsSimu
Entries 206640
Data
Simu

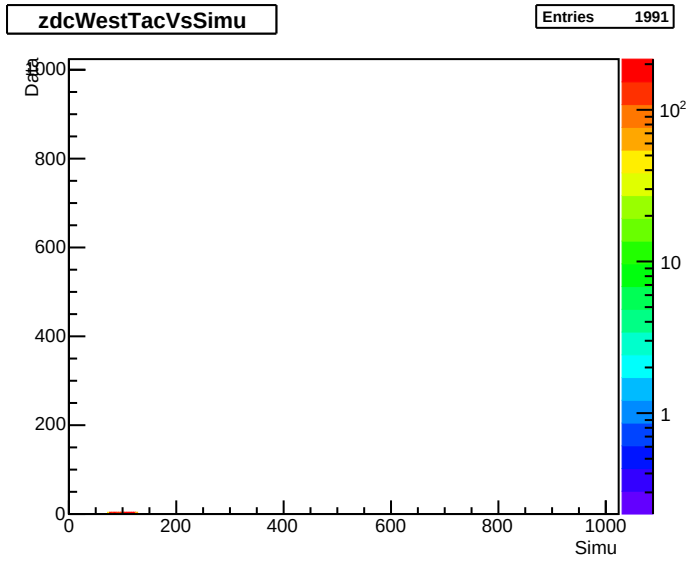

vpdWestTacMax
Entries 271402

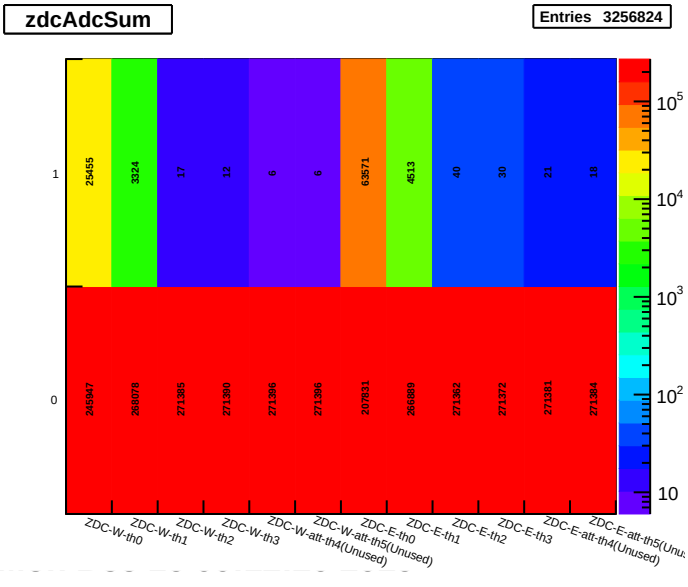

vpdWestTacMaxVsSimu
Entries 206640
Data
Simu

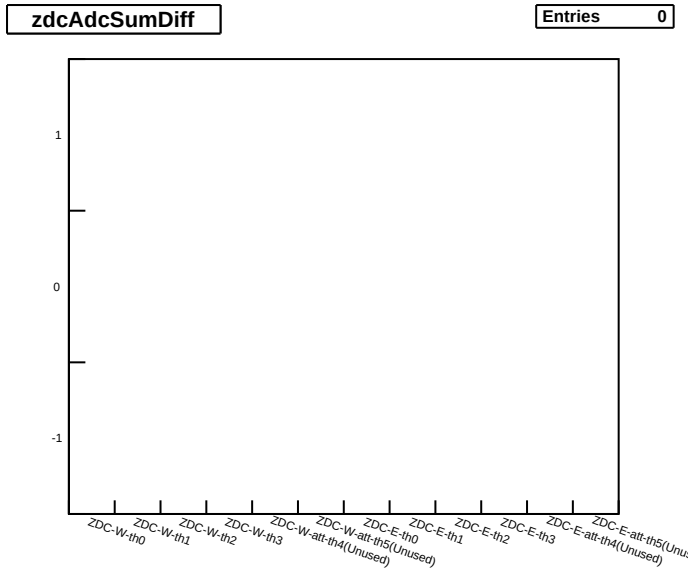

zdcEastTac
Entries 271402

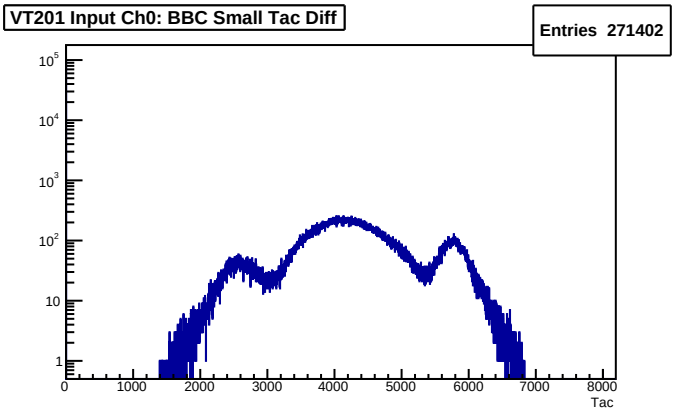

zdcEastTacVsSimu
Entries 930
Data
Simu

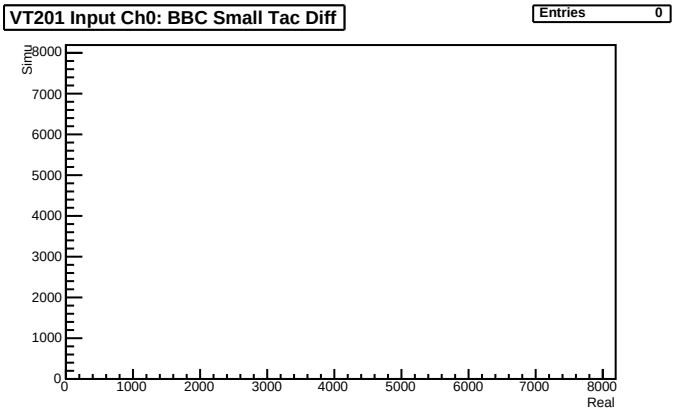

zdcWestTac
Entries 271402

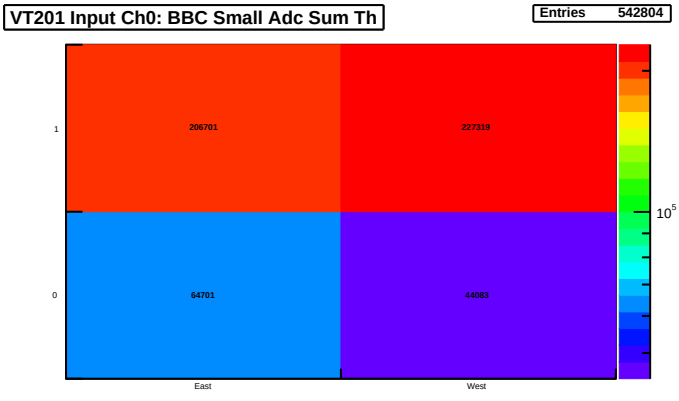

zdcWestTacVsSimu
Entries 1991
Data
Simu

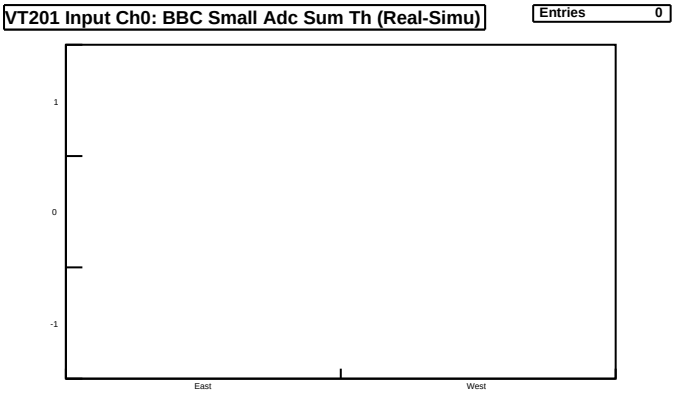

zdcAdcSum
Entries 3256824
25455
3324
17
12
6
6
63571
4513
40
30
21
18
245947
268078
271385
271390
271396
271396
207831
266889
271362
271372
271381
271384
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

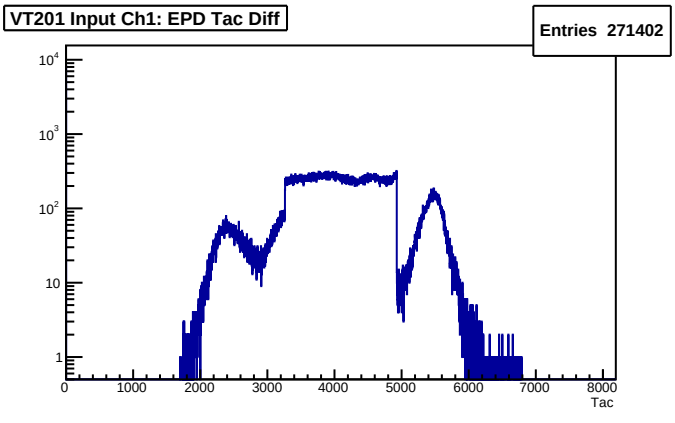

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

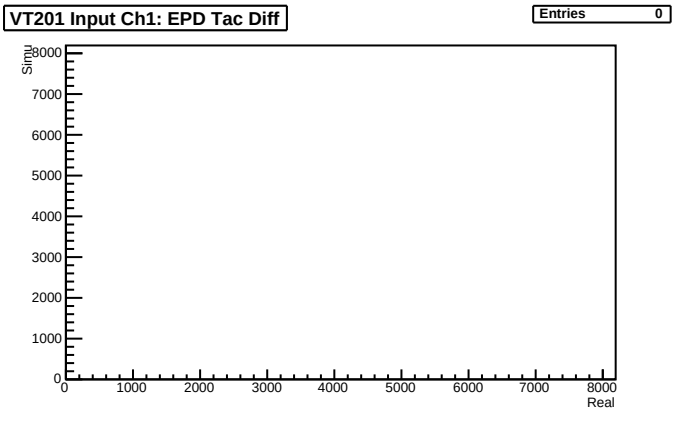

VT201 Input Ch0: BBC Small Tac Diff
Entries 271402
Tac

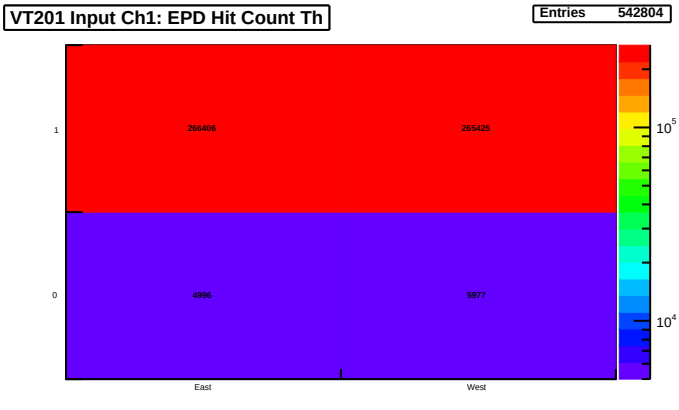

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

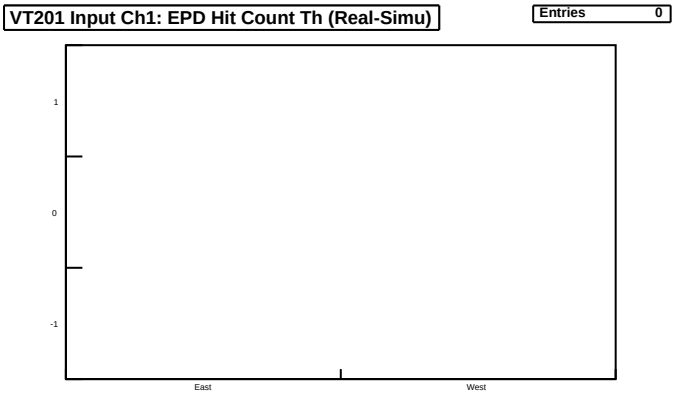

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 542804
206701
227319
64701
44083
East
West

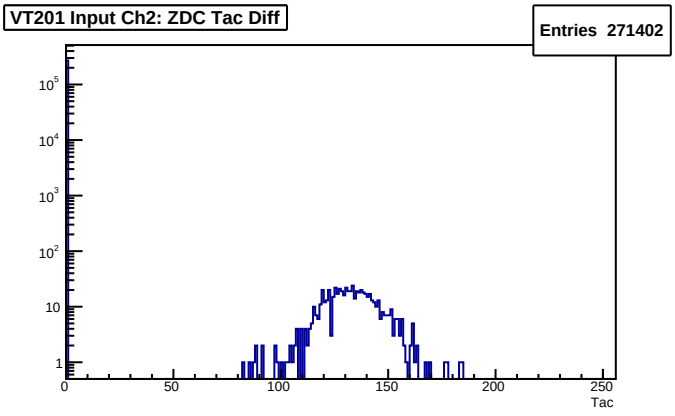

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

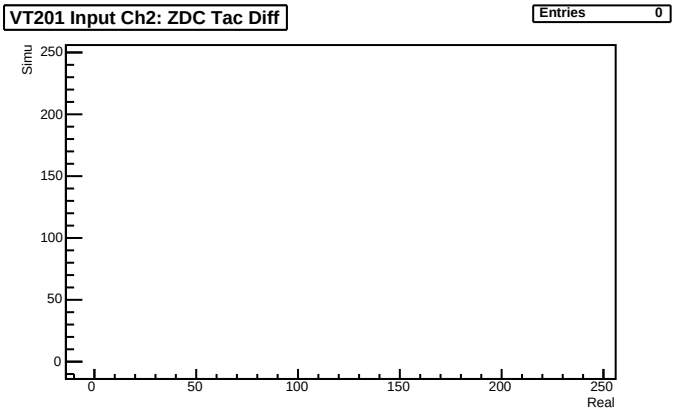

VT201 Input Ch1: EPD Tac Diff
Entries 271402
Tac

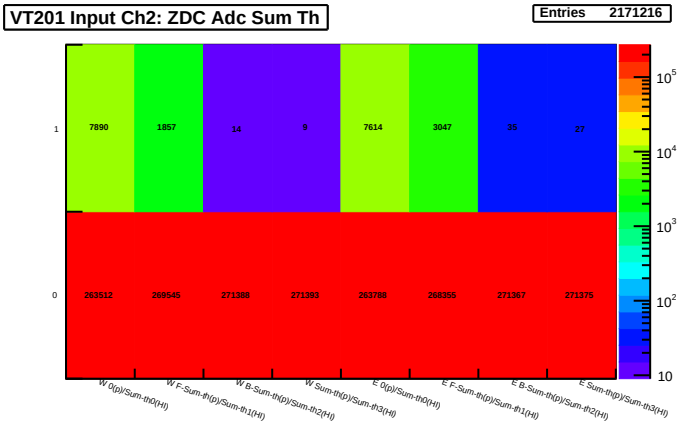

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

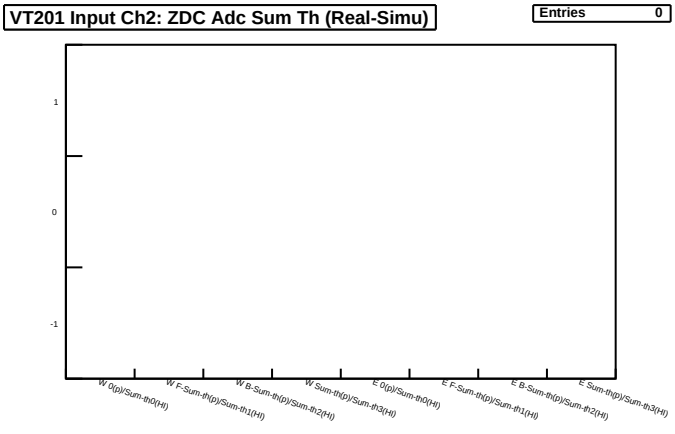

VT201 Input Ch1: EPD Hit Count Th
Entries 542804
266406
265425
4996
5977
East
West

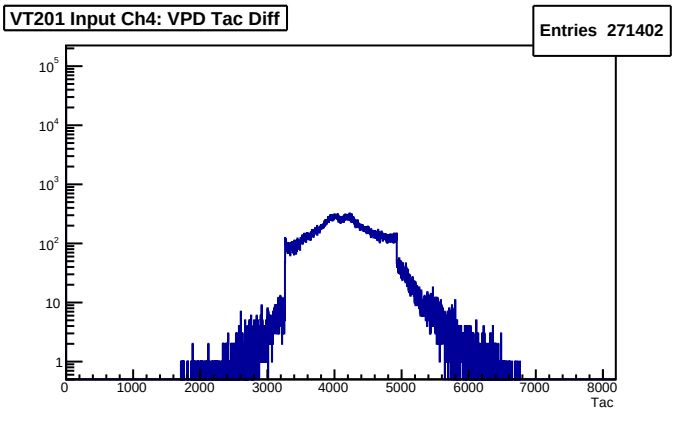

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

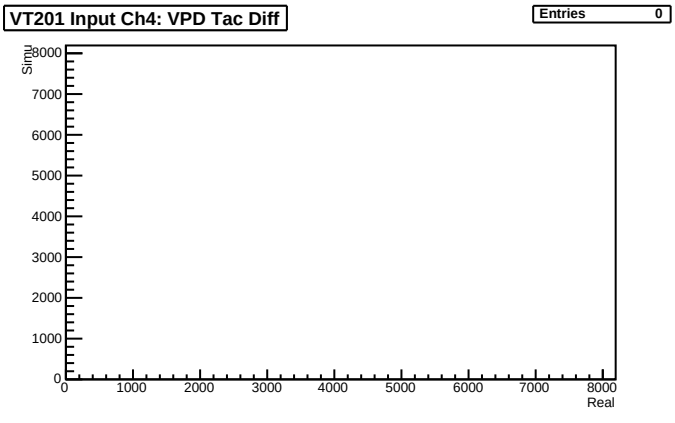

VT201 Input Ch2: ZDC Tac Diff
Entries 271402
Tac

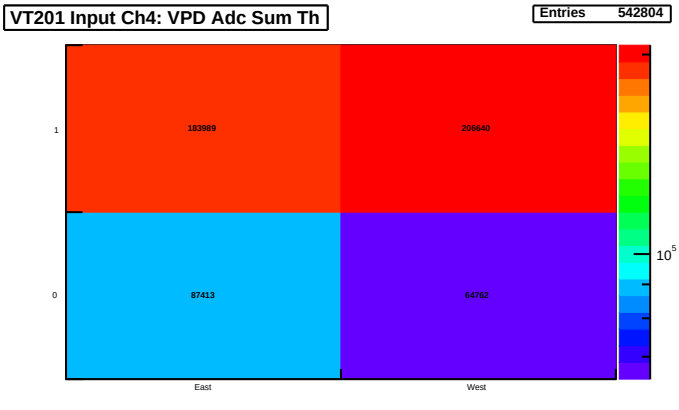

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

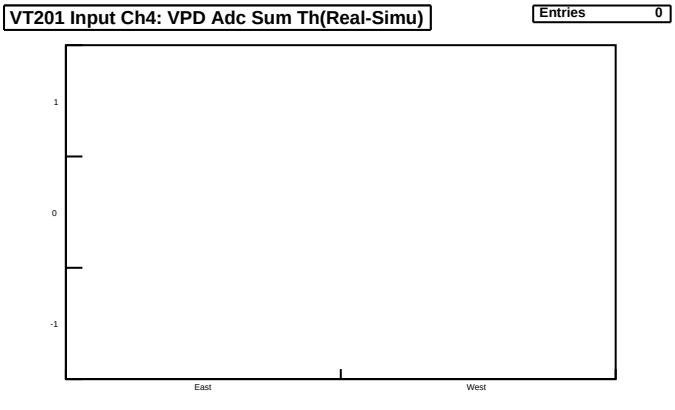

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2171216
7890
1857
14
9
7614
3047
35
27
263512
269545
271388
271393
263788
268355
271367
271375
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

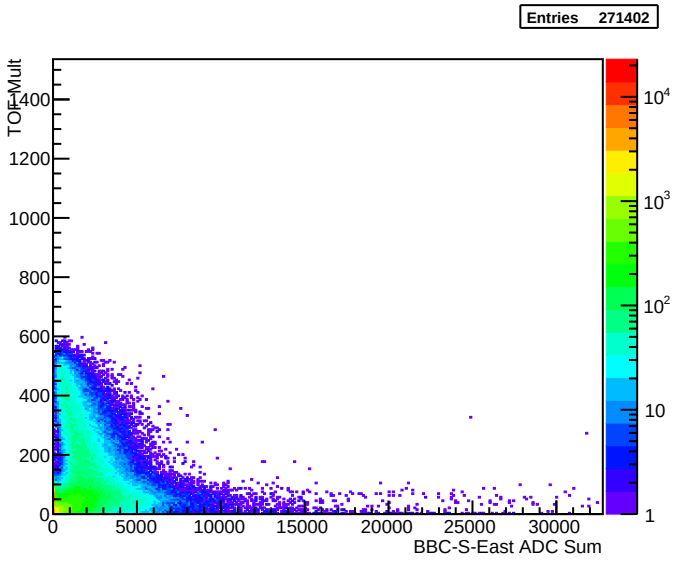

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

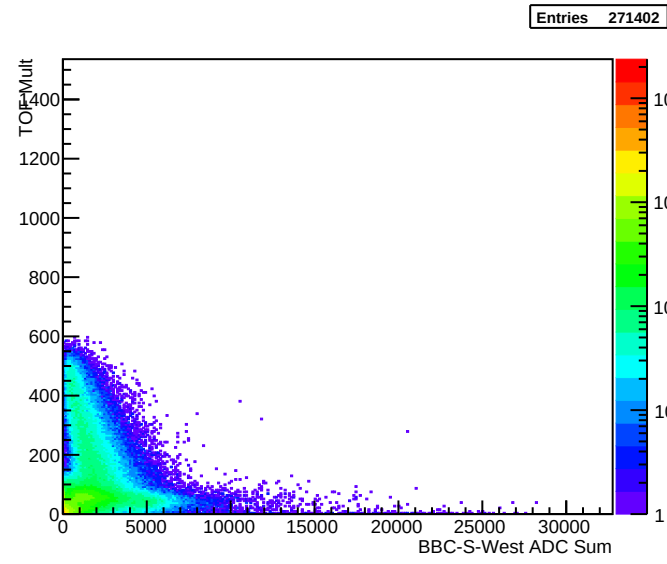

VT201 Input Ch4: VPD Tac Diff
Entries 271402
Tac

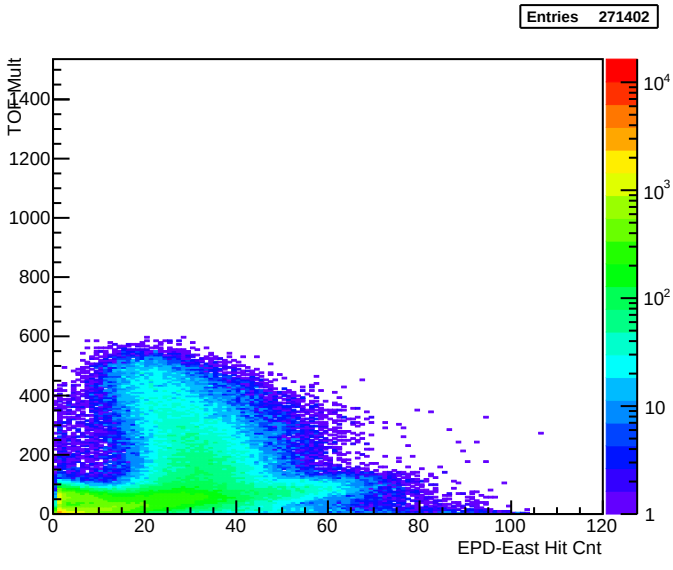

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

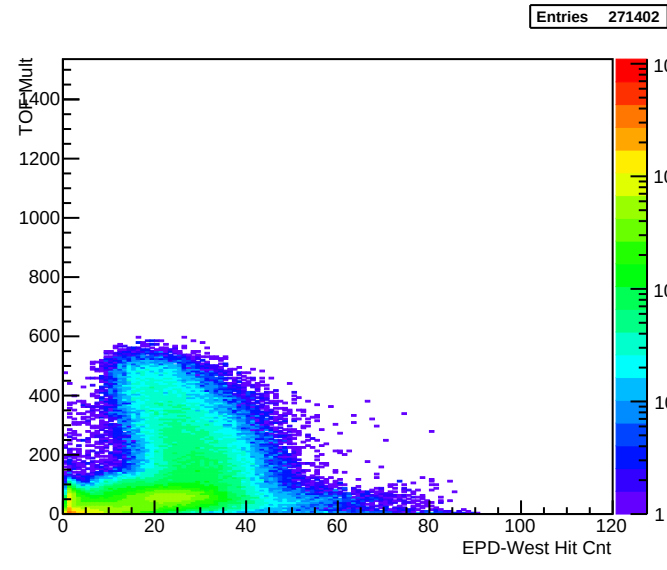

VT201 Input Ch4: VPD Adc Sum Th
Entries 542804
183989
206640
87413
64762
East
West

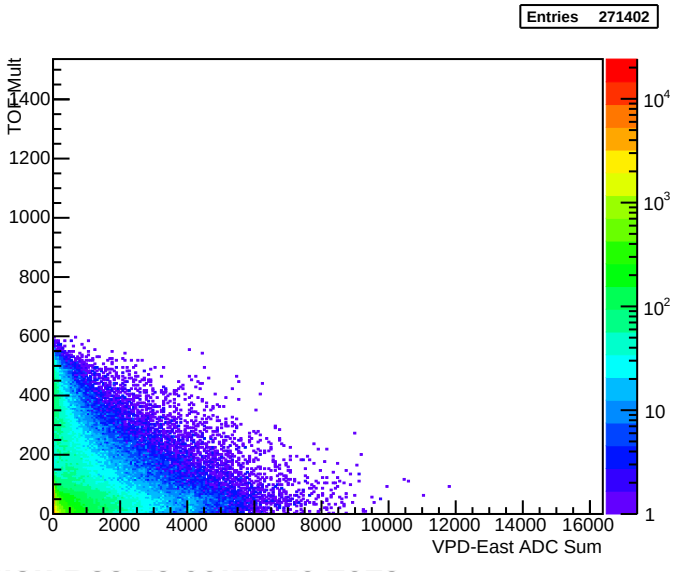

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

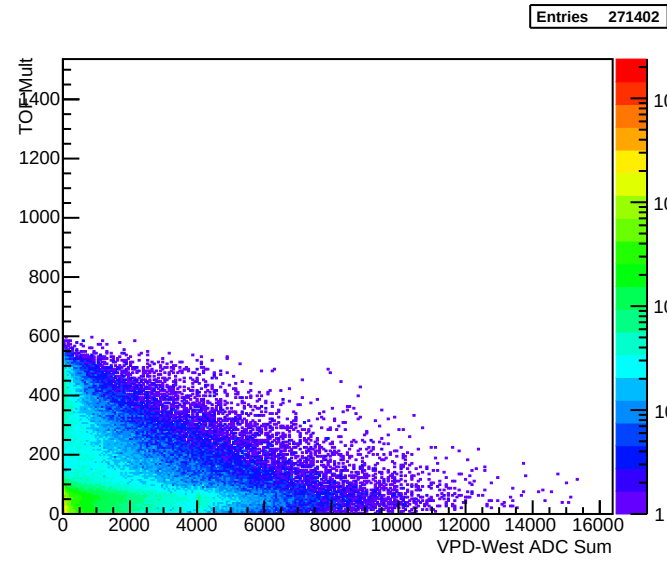

Entries 271402
TOF-Mult
BBC-S-East ADC Sum

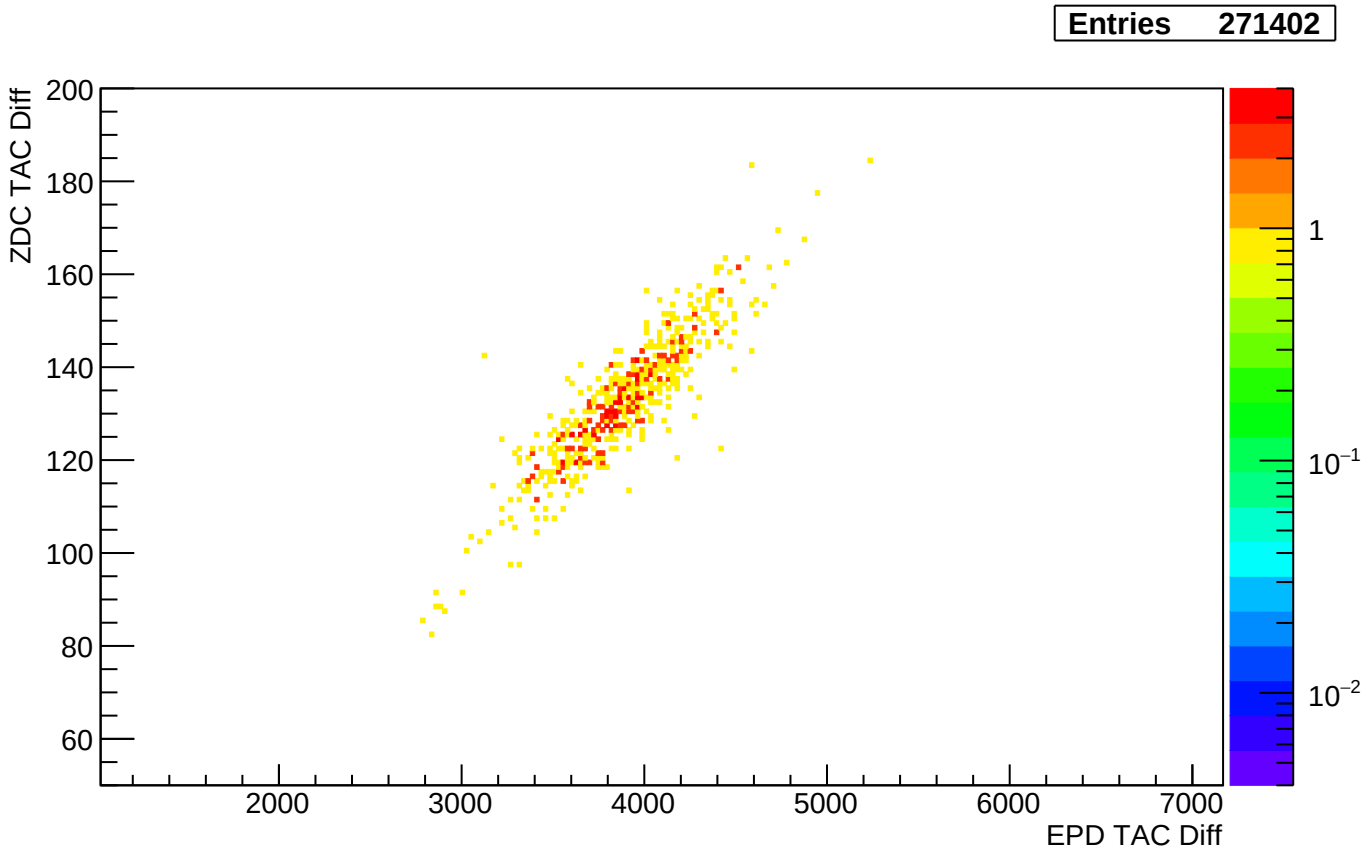

Entries 271402
TOF-Mult
BBC-S-West ADC Sum

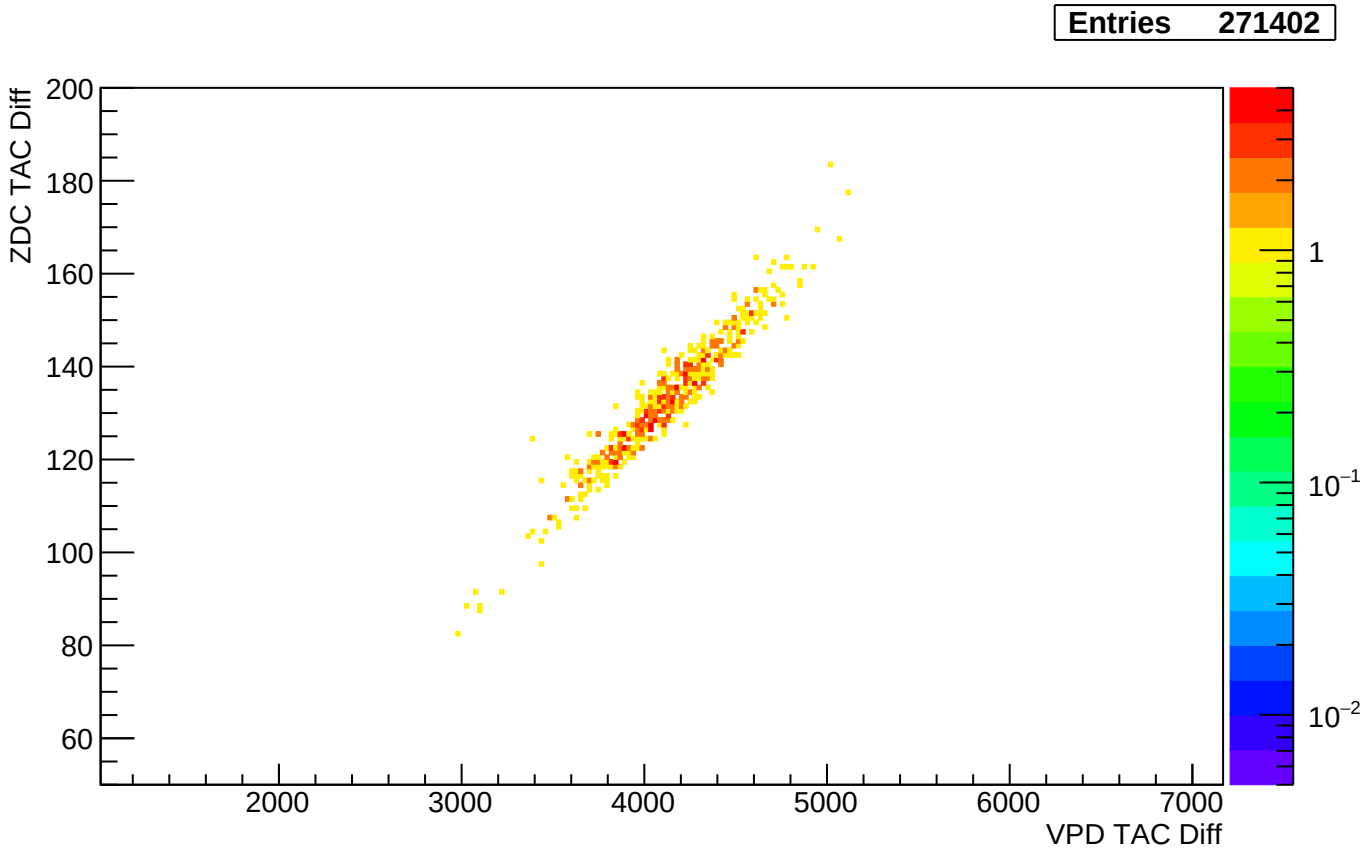

Entries 271402
TOF-Mult
EPD-East Hit Cnt

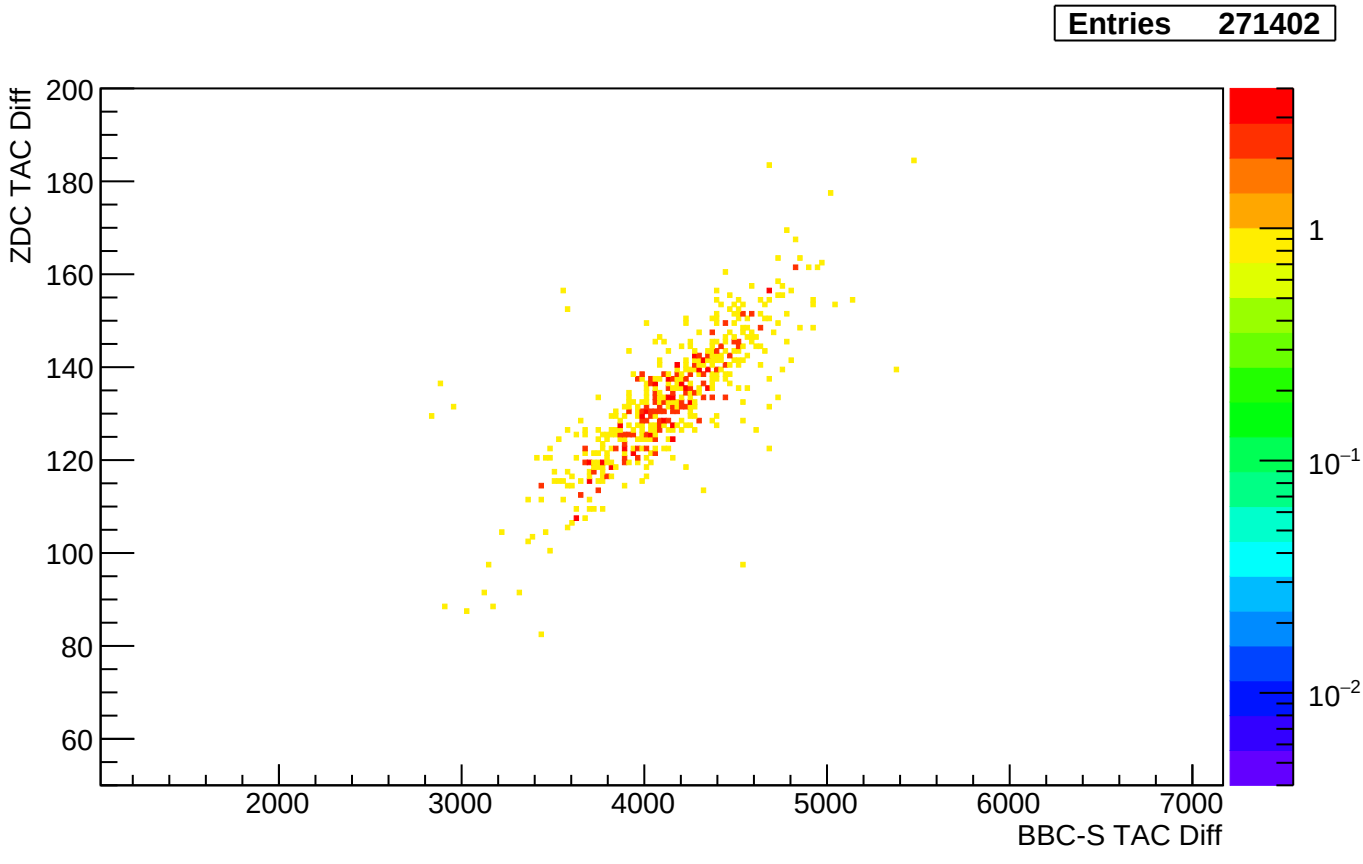

Entries 271402
TOF-Mult
EPD-West Hit Cnt

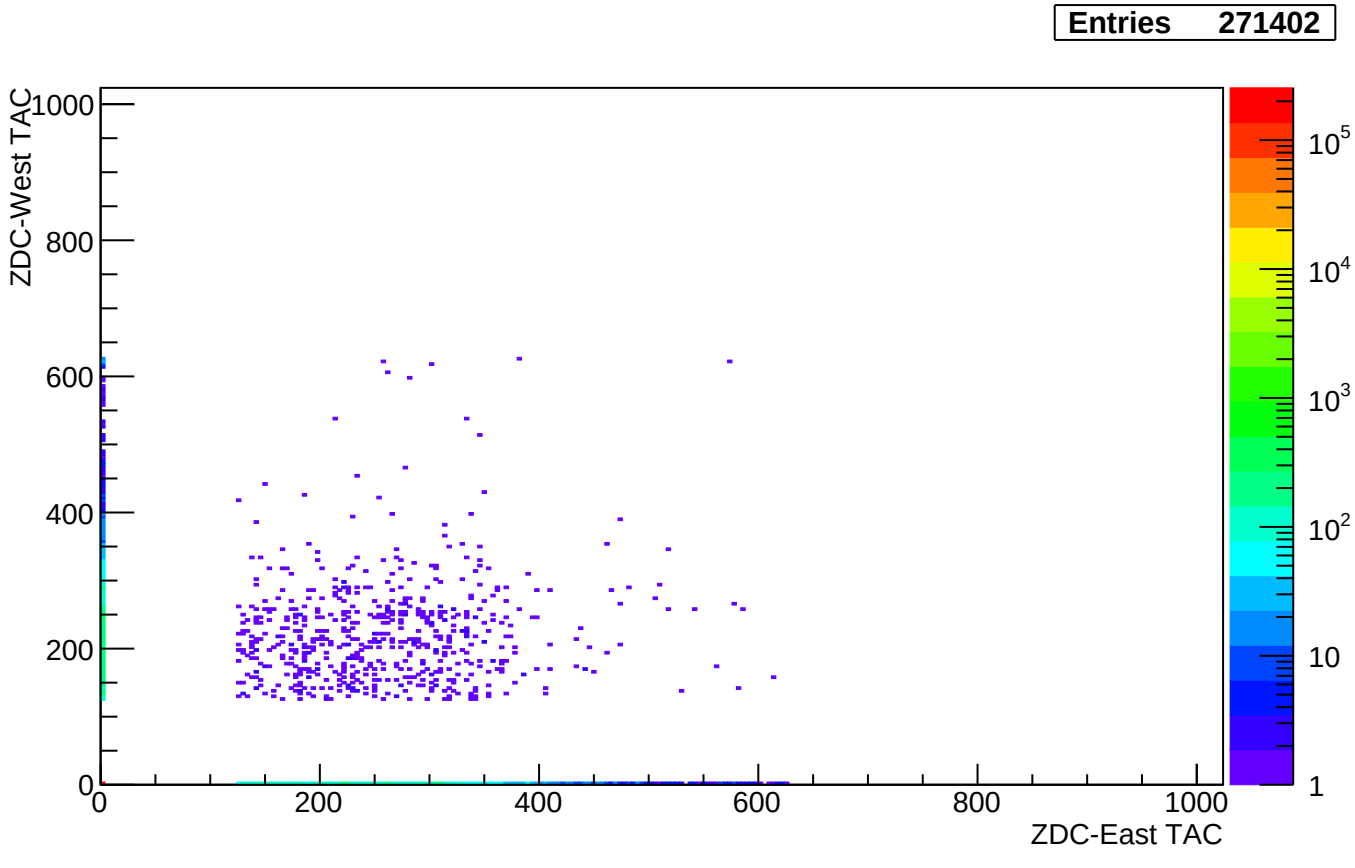

Entries 271402
TOF-Mult
VPD-East ADC Sum

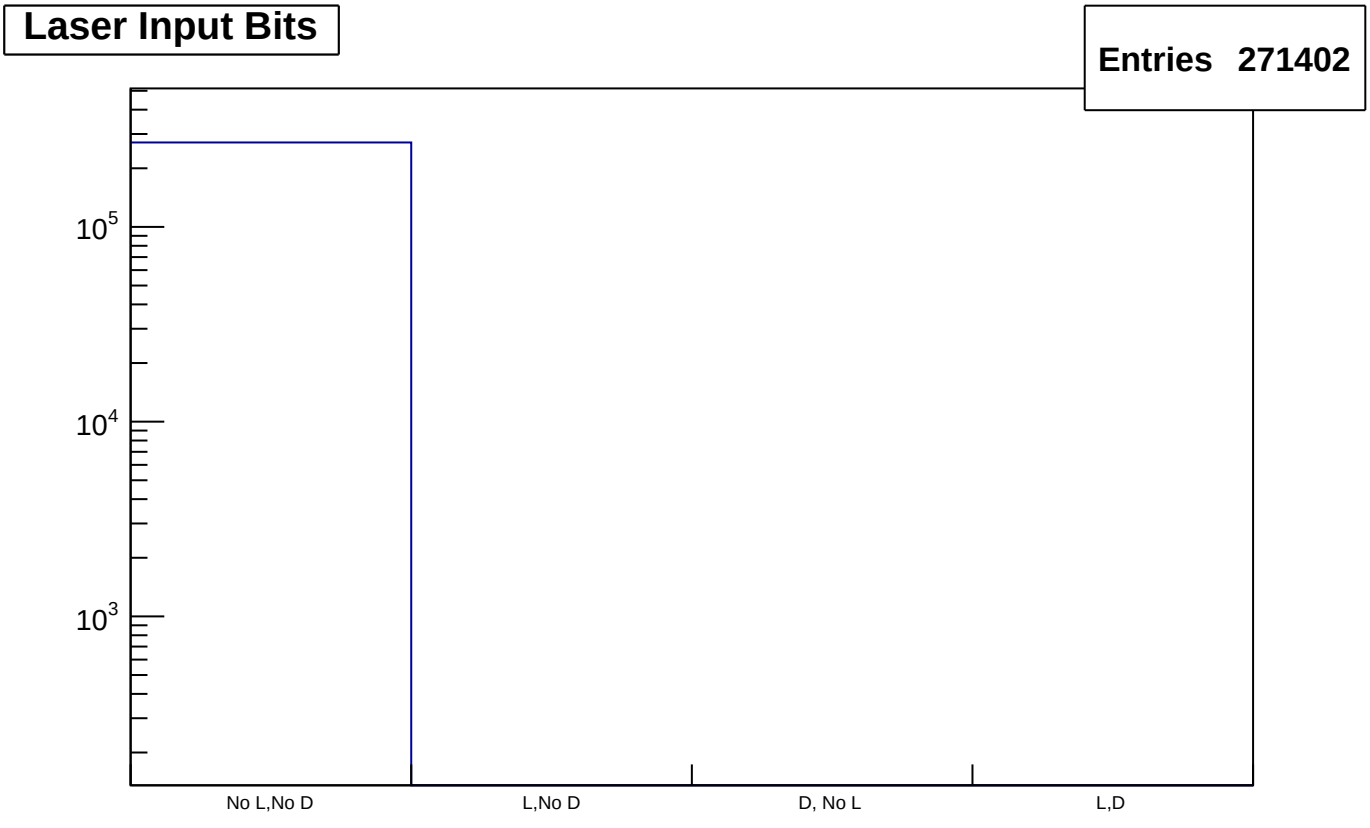

Entries 271402
TOF-Mult
VPD-West ADC Sum

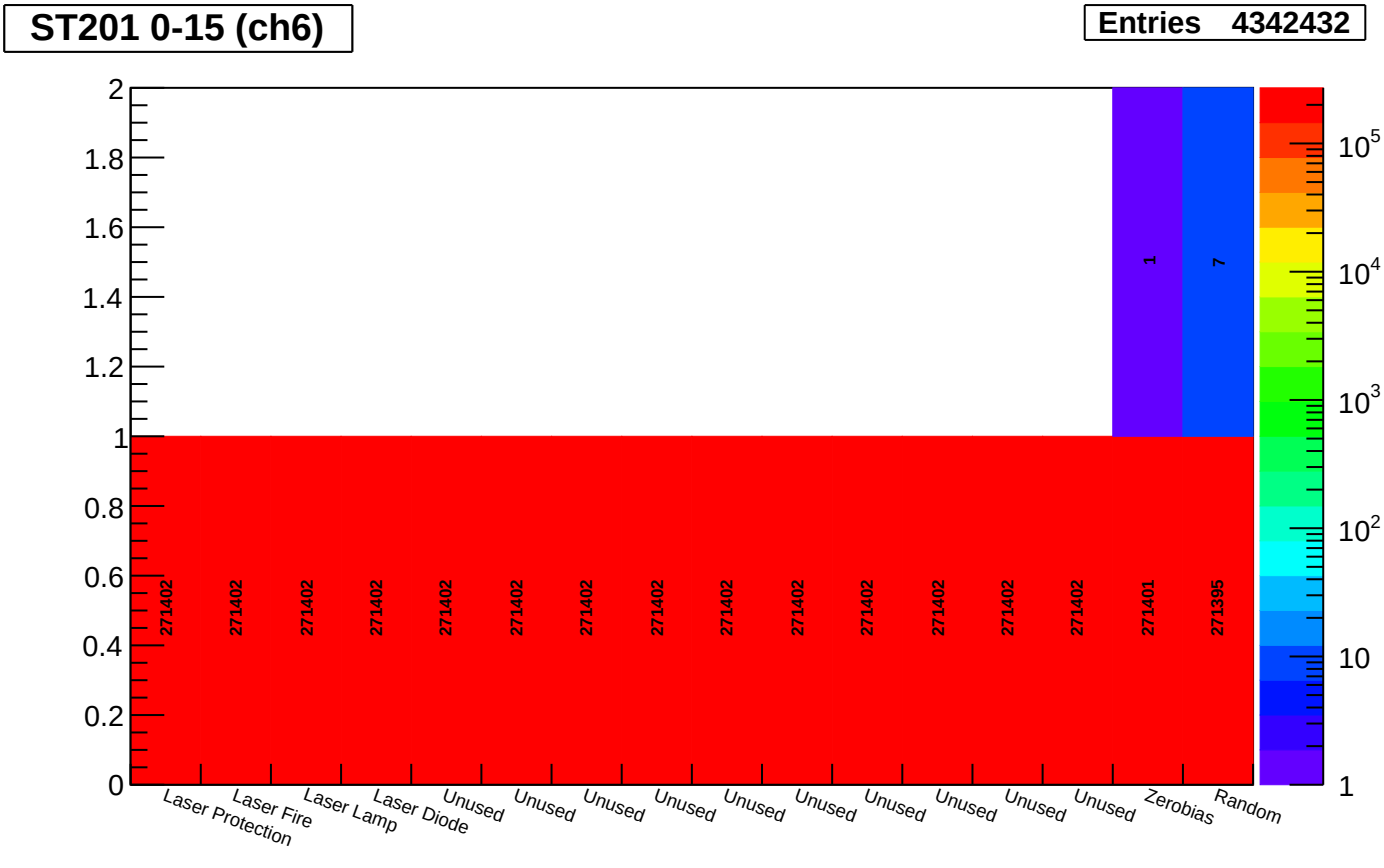

Entries 271402
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

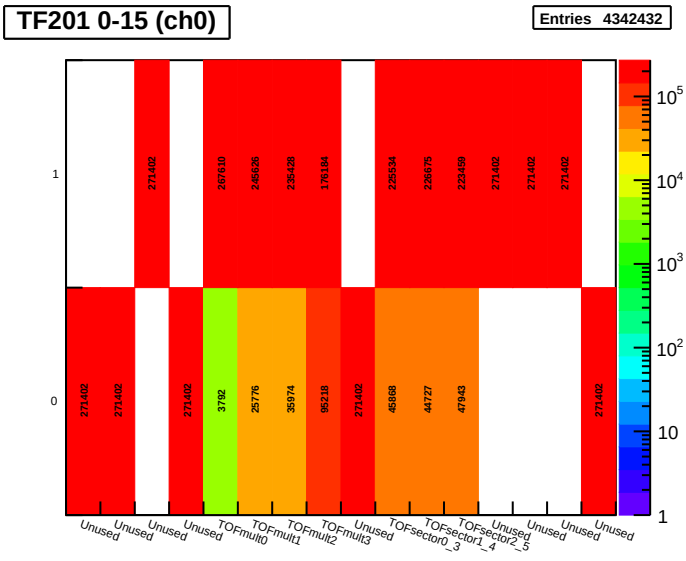

Entries 271402
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

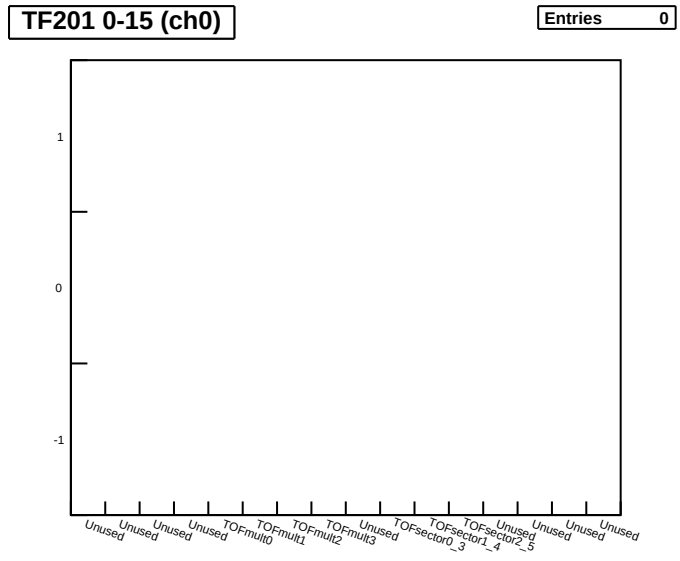

Entries 271402
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

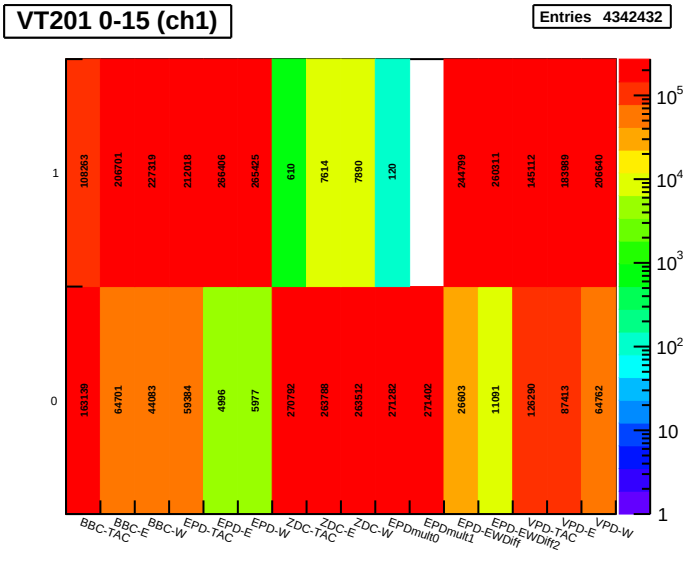

Entries 271402
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

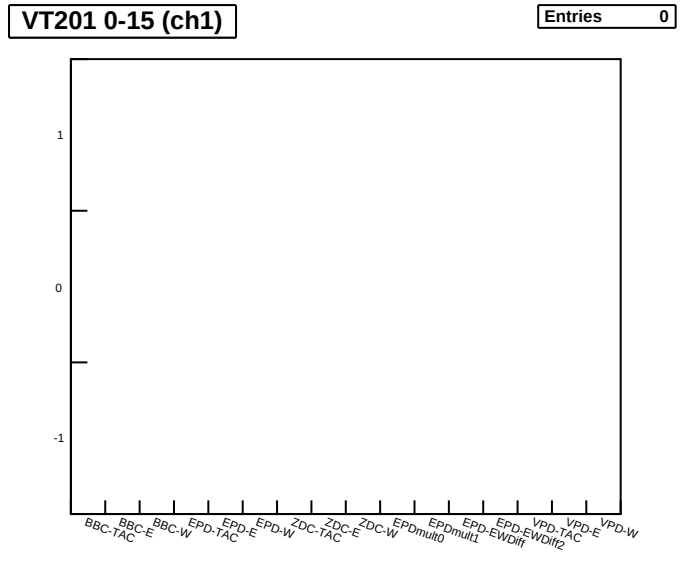

Laser Input Bits
Entries 271402
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

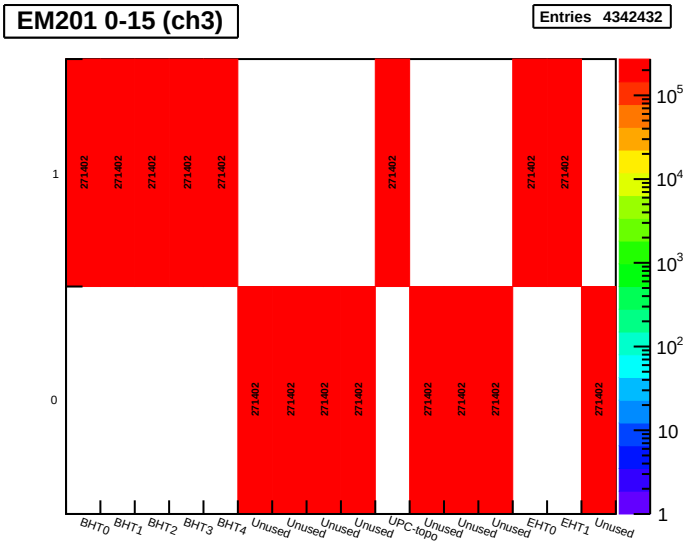

ST201 0-15 (ch6)
Entries 4342432
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
271402
271402
271402
271402
271402
271402
271402
271402
271402
271402
271402
271402
271402
271402
271401
271395
1
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

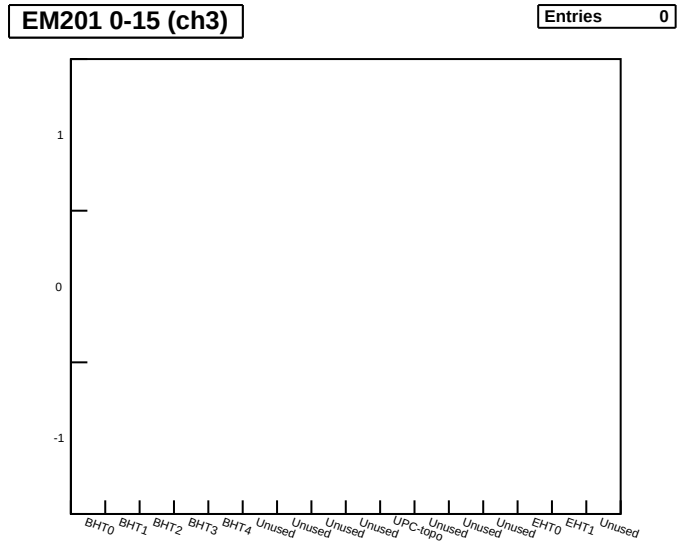

TF201 0-15 (ch0)
Entries 4342432
1
0
271402 267610 245626 235428 176184 225534 226675 223459 271402 271402 271402
271402 271402 271402 3792 25776 35974 95218 271402 45688 44727 47943 271402
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


VT201 0-15 (ch1)
Entries 4342432
1
0
108253 206701 227319 212018 265406 265425 610 7614 7890 120 244799 260311 145112 183989 206640
163139 64701 44083 59384 4996 5977 270792 263788 263512 271282 271402 26603 11091 126290 87413 64762
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 4342432
1
0
271402 271402 271402 271402 271402 271402 271402 271402
271402 271402 271402 271402 271402 271402 271402 271402
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