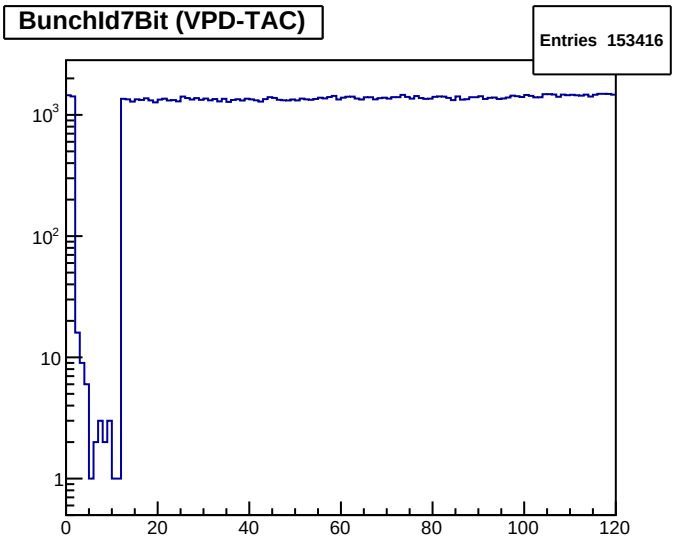
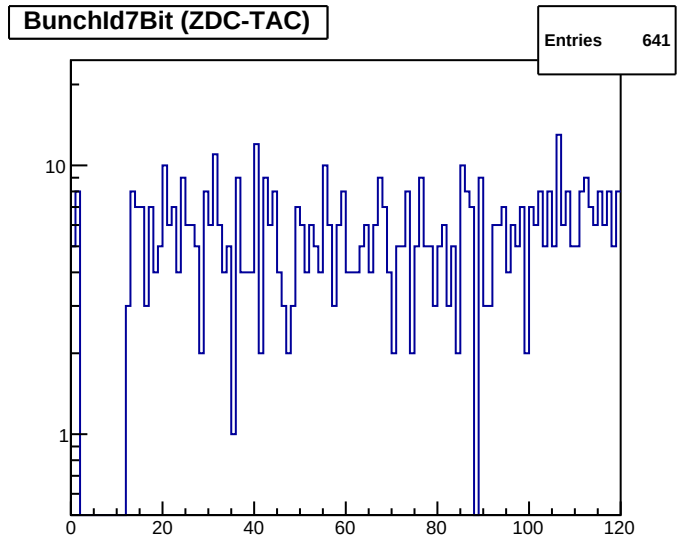
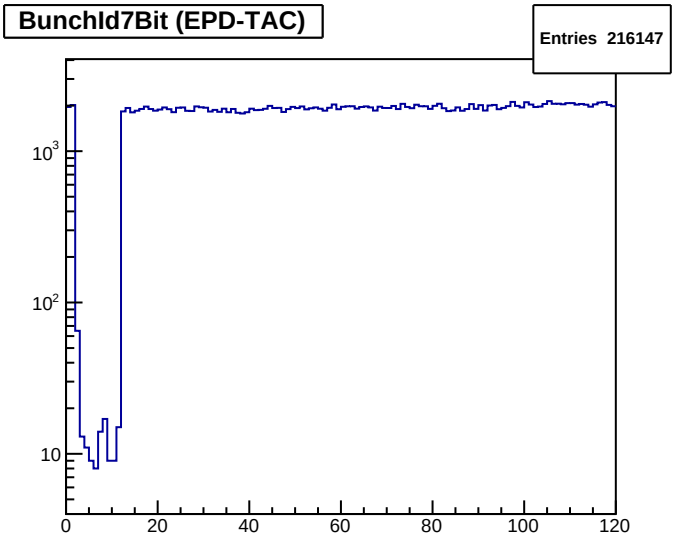
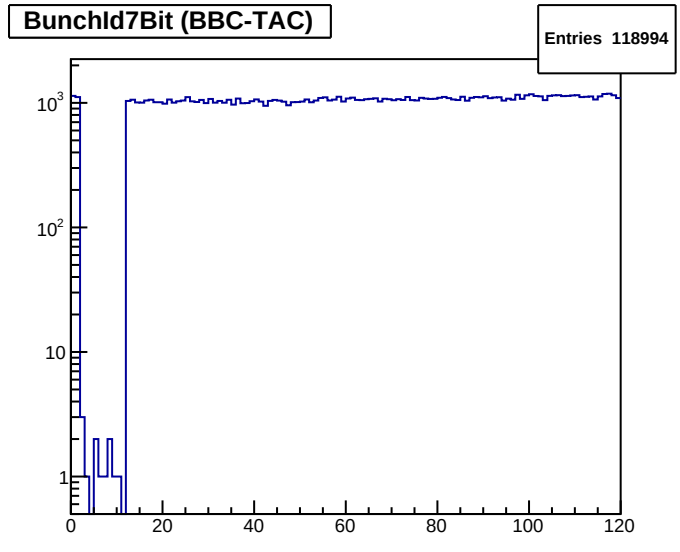
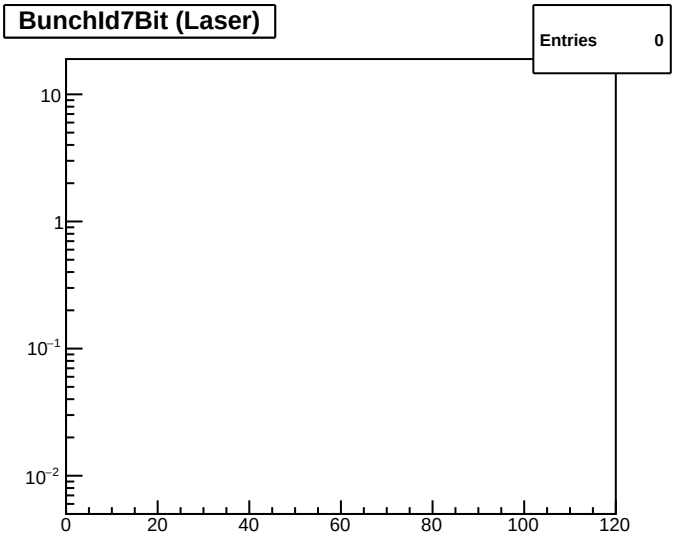
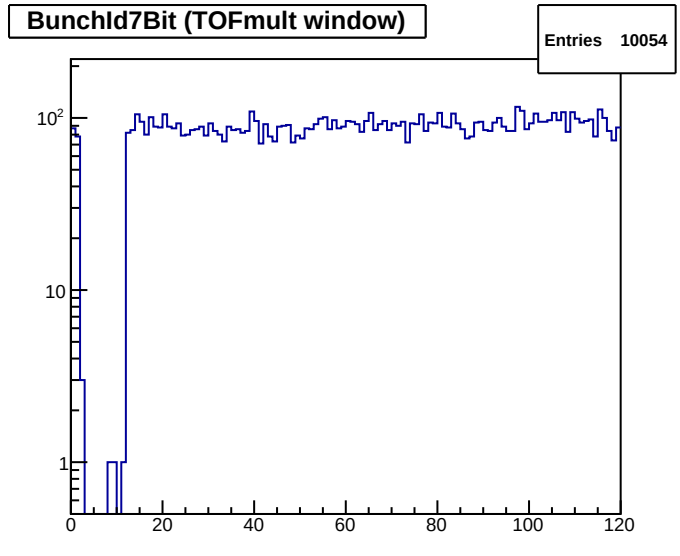

BunchId7Bit (VPD-TAC)
Entries 153416

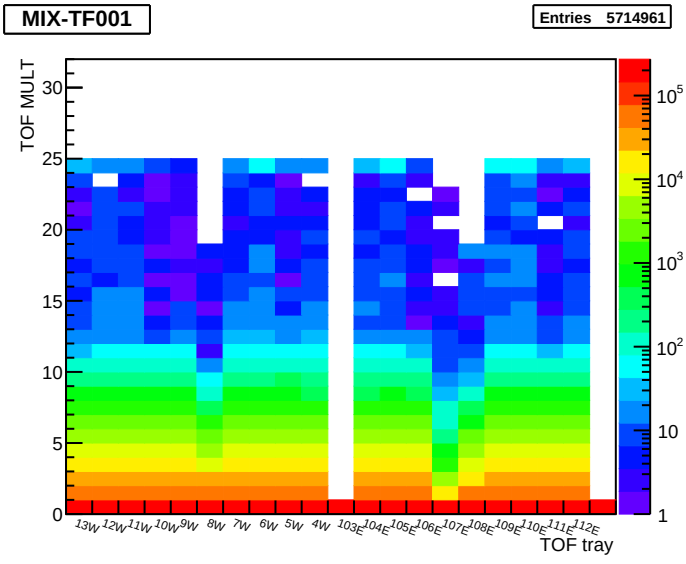

BunchId7Bit (ZDC-TAC)
Entries 641

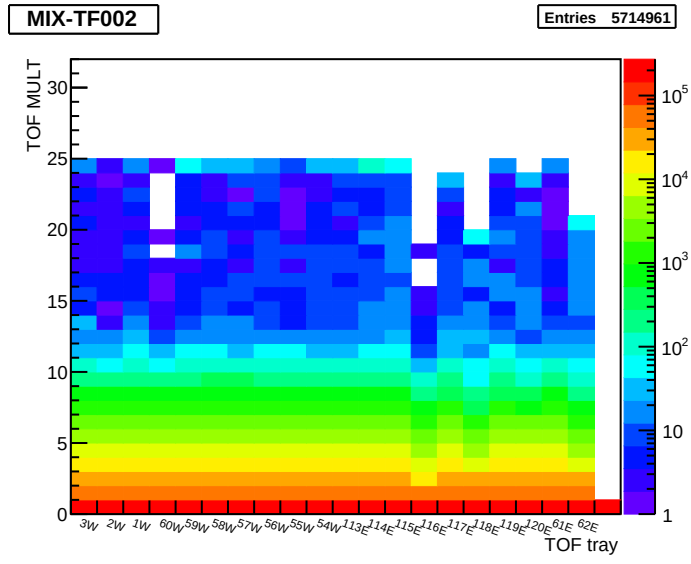

BunchId7Bit (EPD-TAC)
Entries 216147

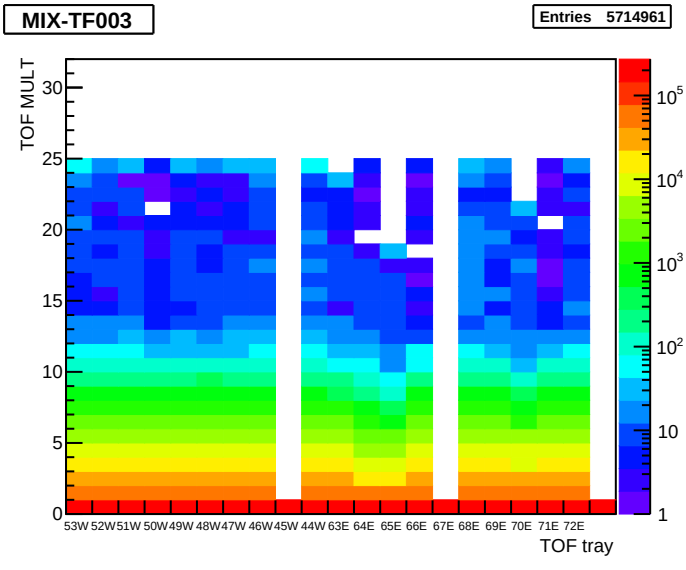

BunchId7Bit (BBC-TAC)
Entries 118994

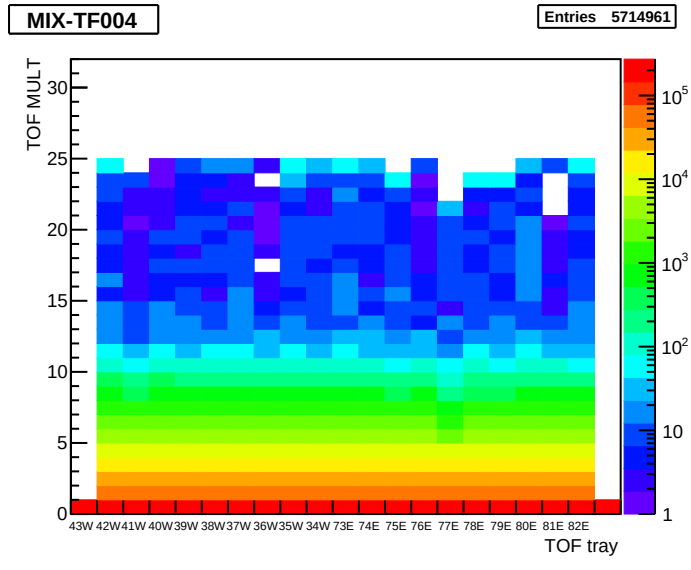

BunchId7Bit (Laser)
Entries 0

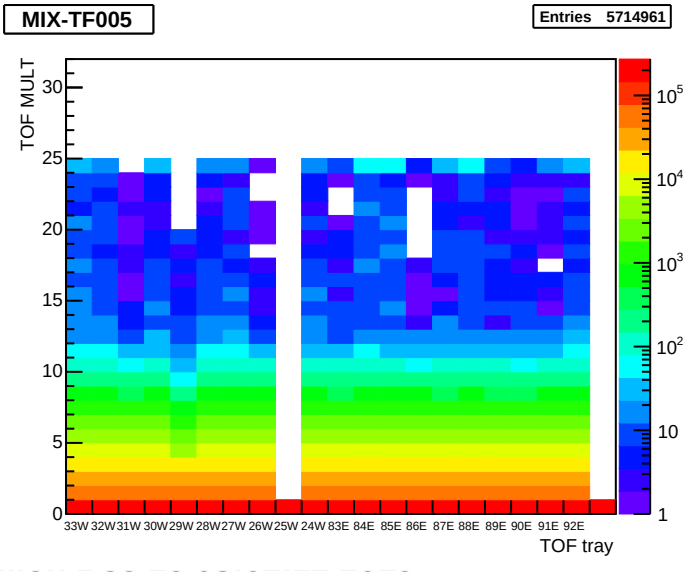

BunchId7Bit (TOFmult window)
Entries 10054

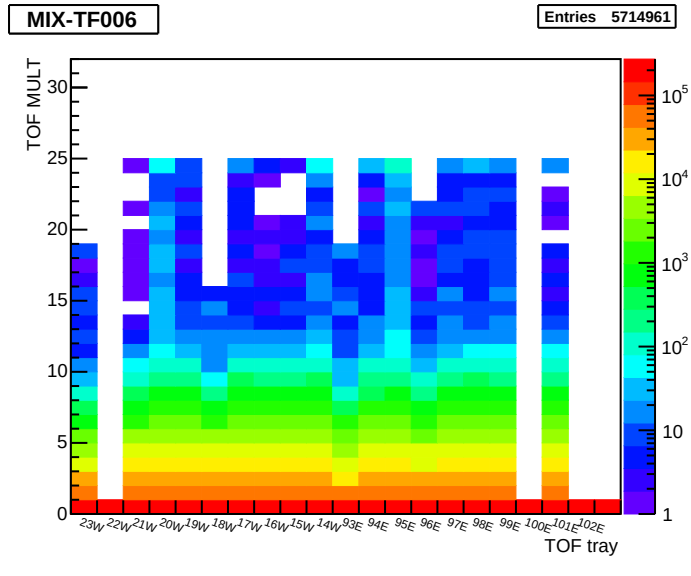

MIX-TF001
Entries 5714961
TOF MULT
TOF tray

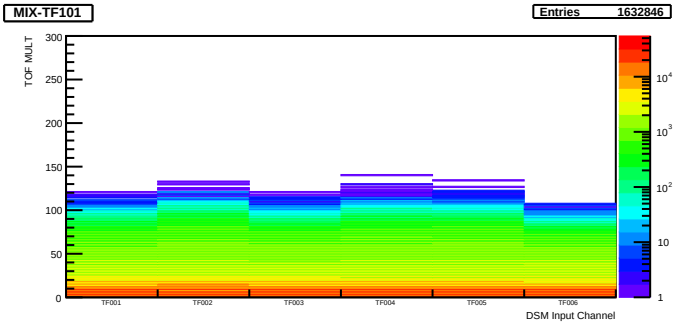

MIX-TF002
Entries 5714961
TOF MULT
TOF tray

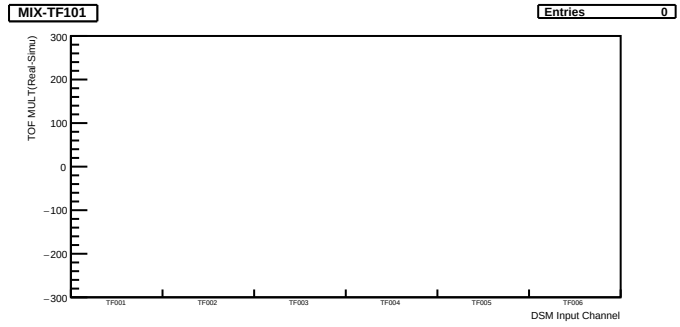

MIX-TF003
Entries 5714961
TOF MULT
TOF tray

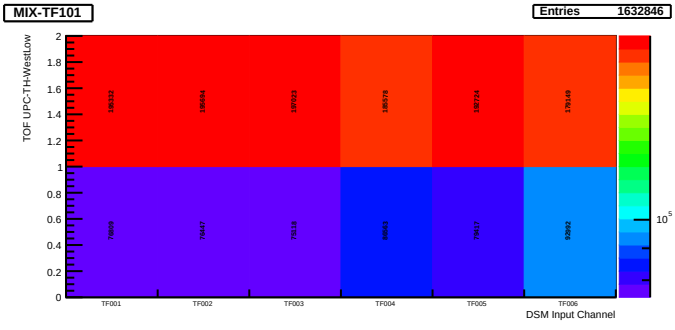

MIX-TF004
Entries 5714961
TOF MULT
TOF tray

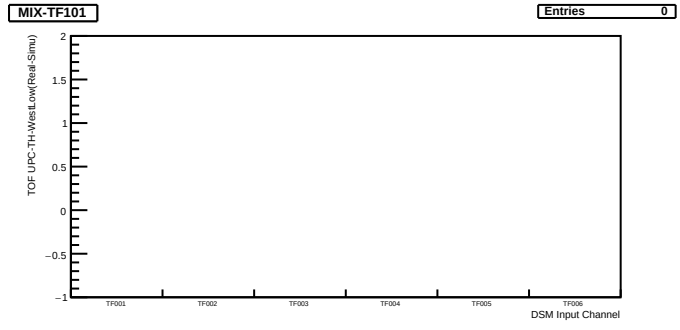

MIX-TF005
Entries 5714961
TOF MULT
TOF tray

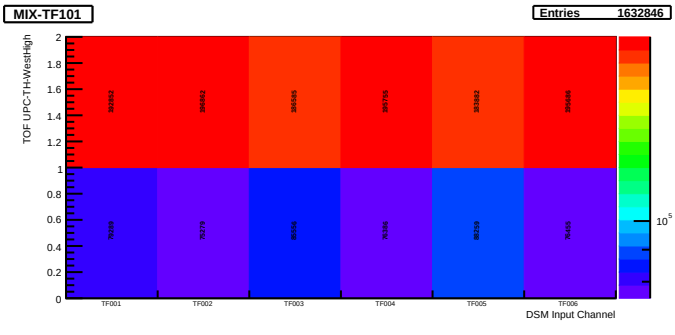

MIX-TF006
Entries 5714961
TOF MULT
TOF tray

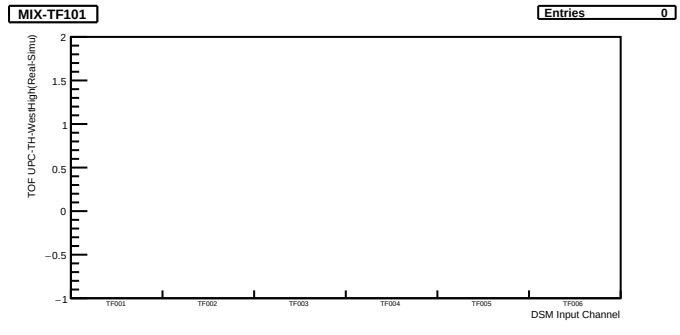

MIX-TF101
Entries 1632846
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

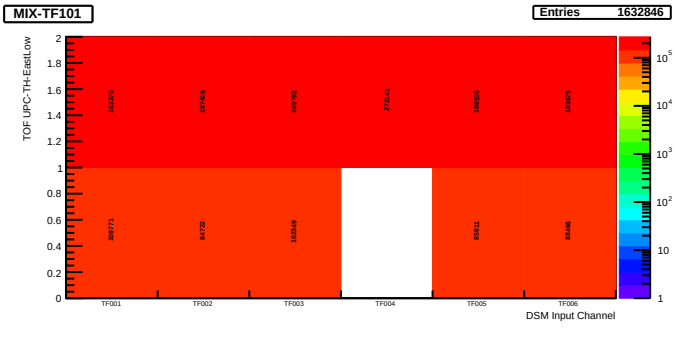

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

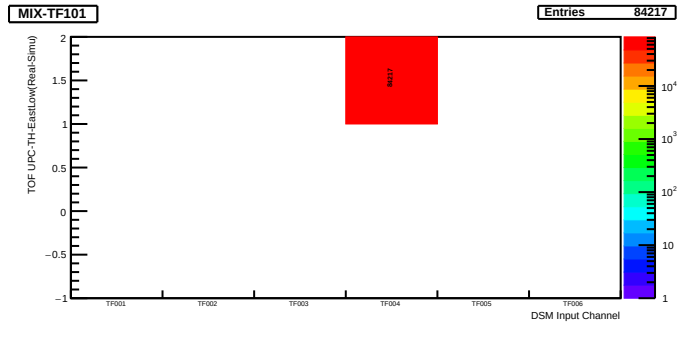

MIX-TF101
Entries 1632846
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

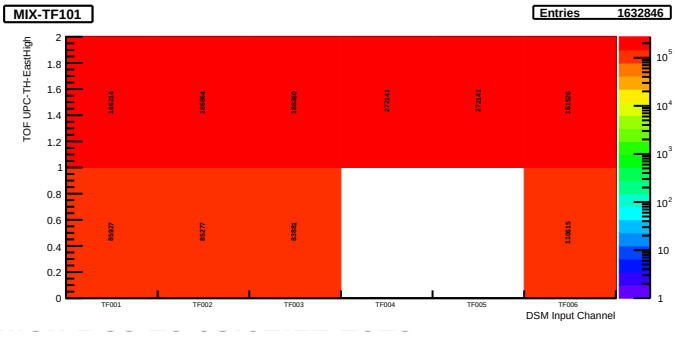

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

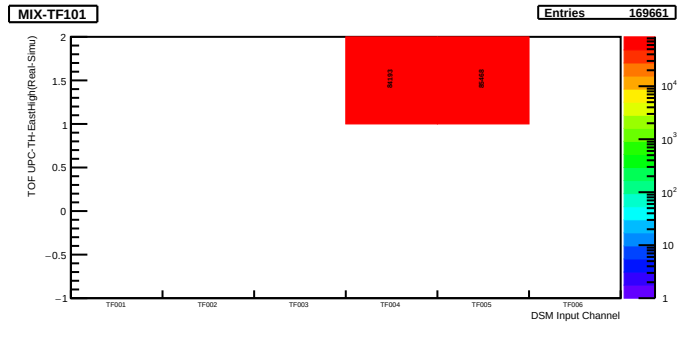

MIX-TF101
Entries 1632846
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

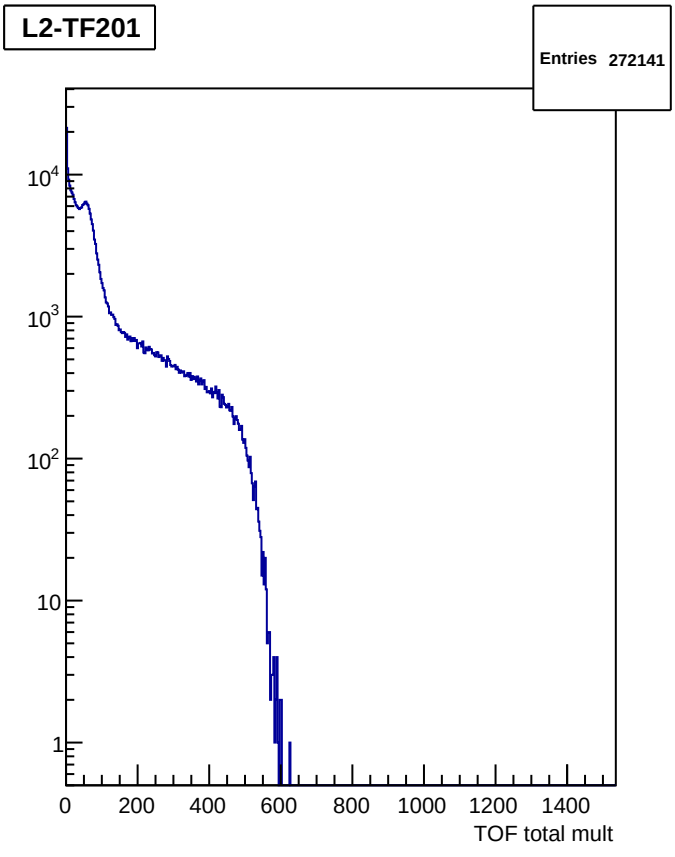

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

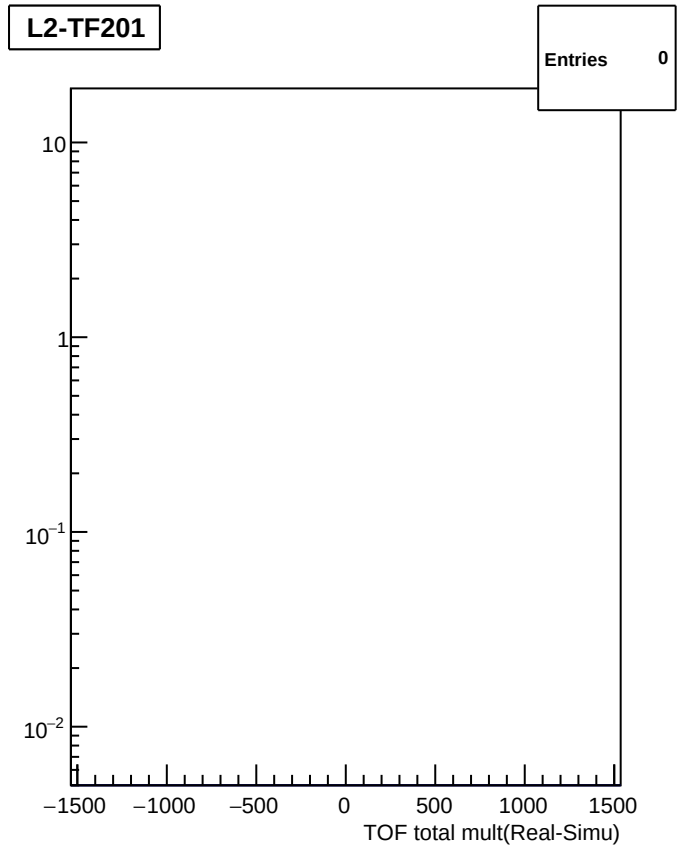

MIX-TF101
Entries 1632846
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

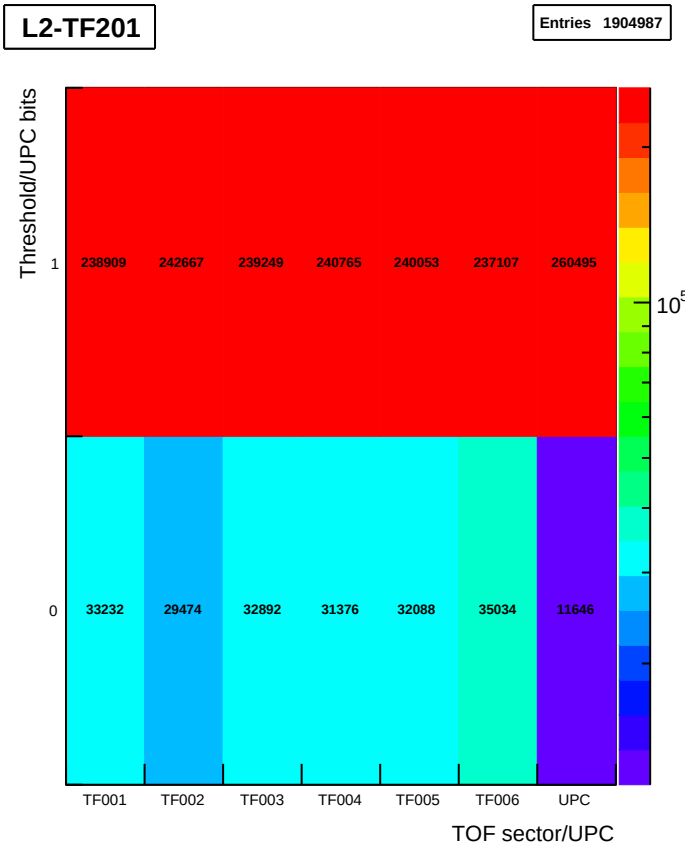

MIX-TF101
Entries 84217
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

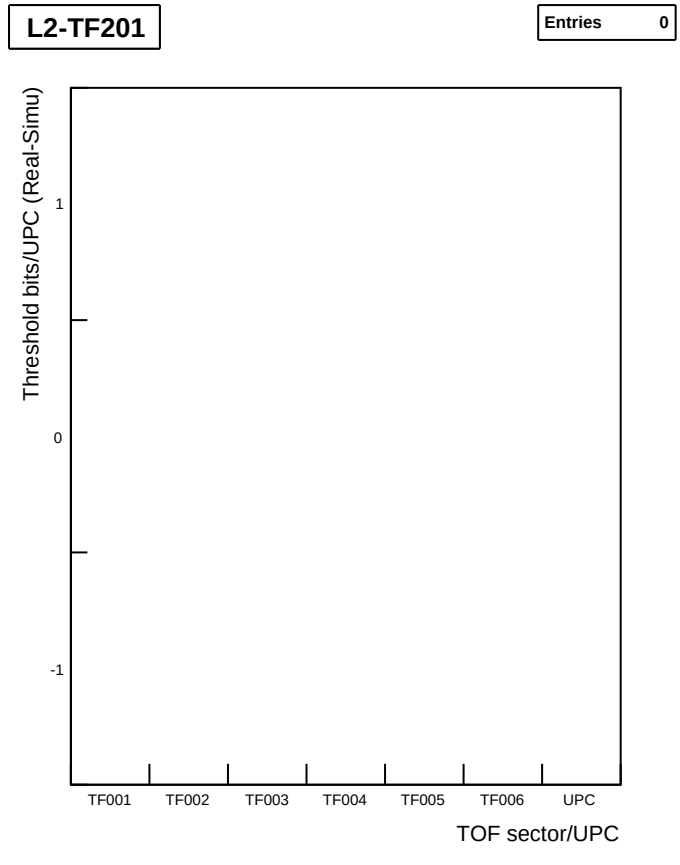

MIX-TF101
Entries 1632846
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

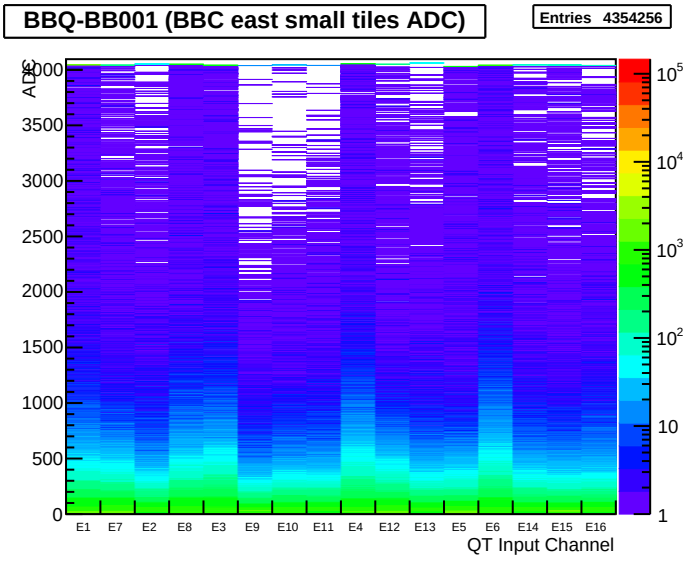

MIX-TF101
Entries 169661
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

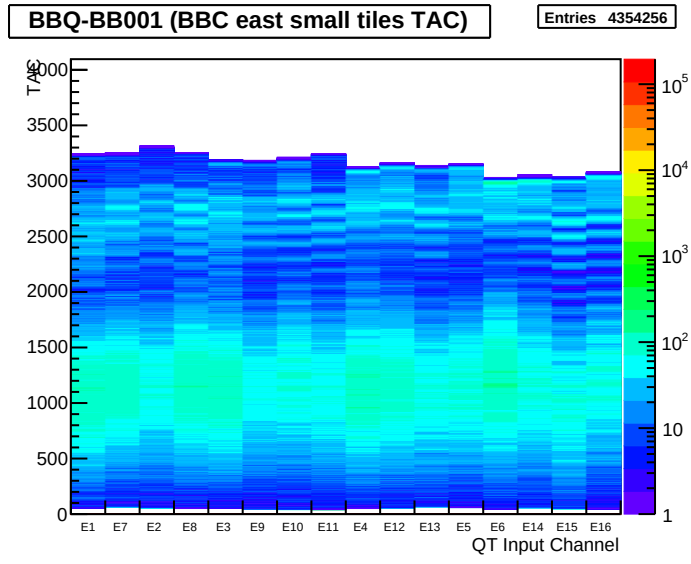

L2-TF201
Entries 272141
TOF total mult

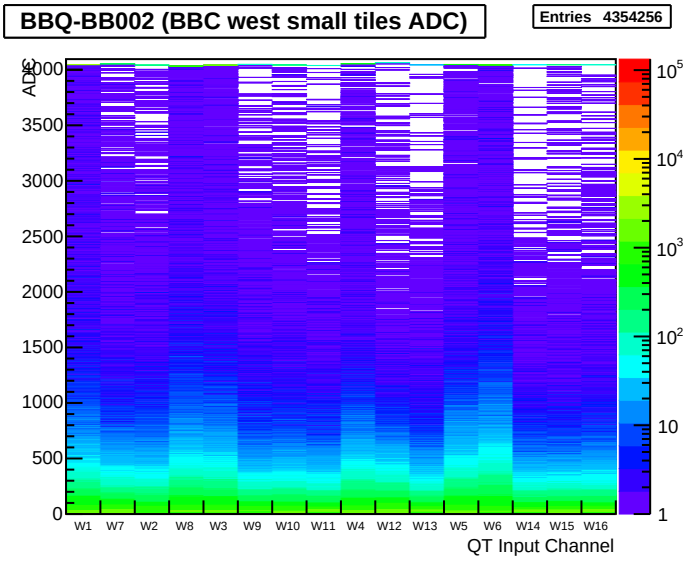

L2-TF201
Entries 0
TOF total mult(Real-Simu)

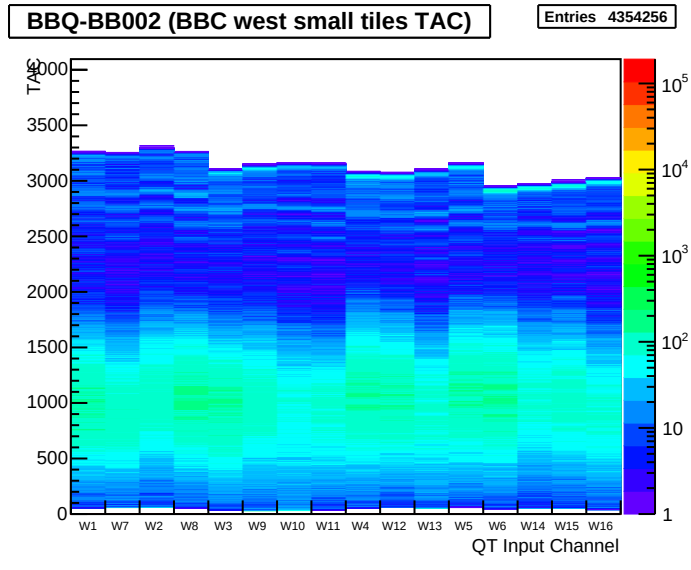

L2-TF201
Entries 1904987
Threshold/UPC bits
238909
242667
239249
240765
240053
237107
260495
33232
29474
32892
31376
32088
35034
11646
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

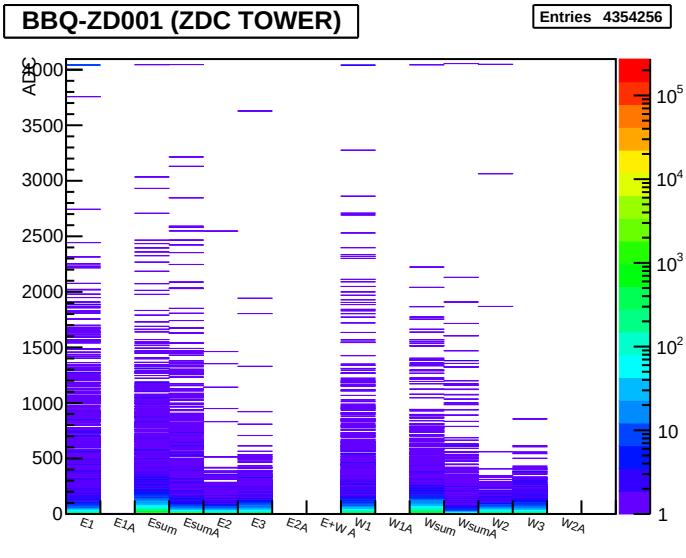

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

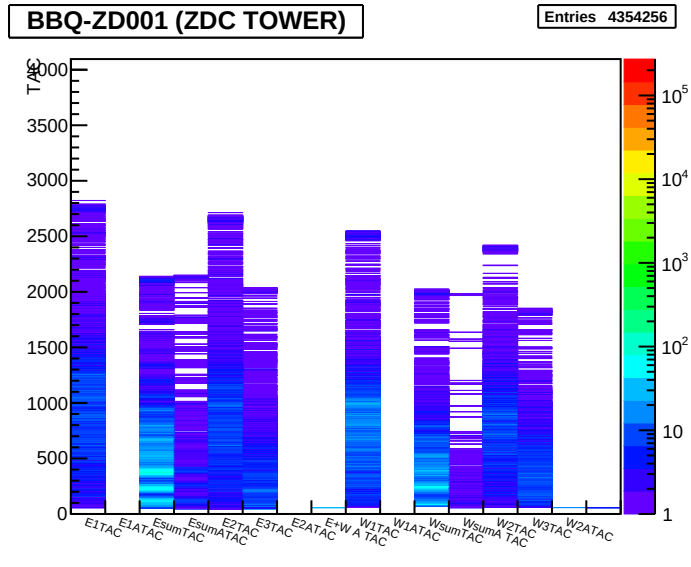

BBQ-BB001 (BBC east small tiles ADC)
Entries 4354256
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

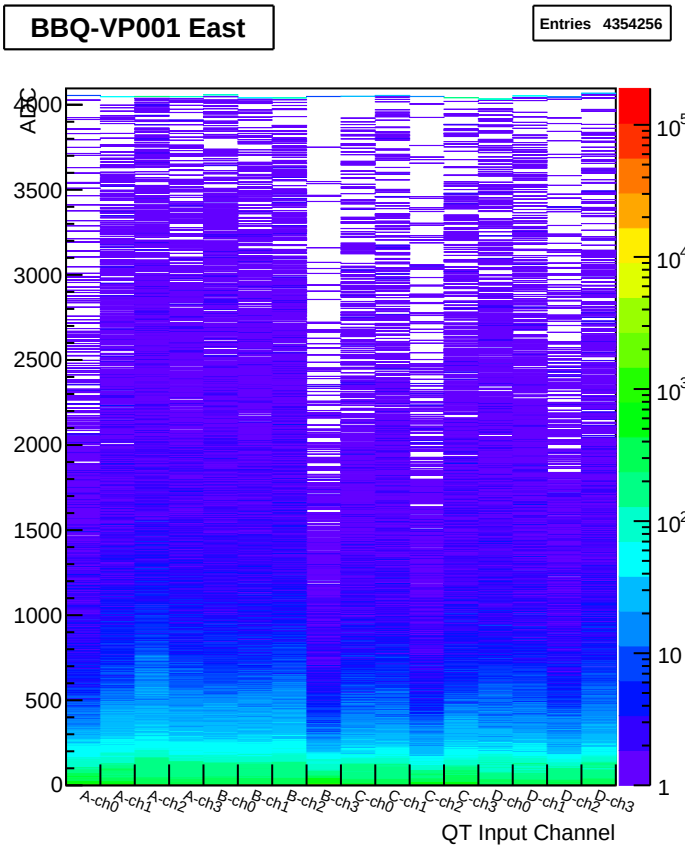

BBQ-BB001 (BBC east small tiles TAC)
Entries 4354256
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

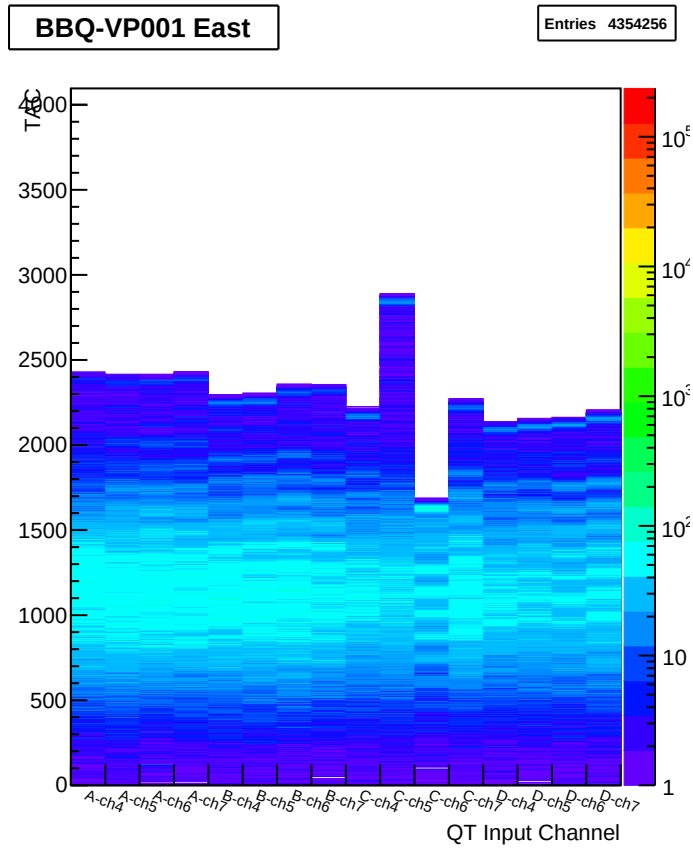

BBQ-BB002 (BBC west small tiles ADC)
Entries 4354256
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

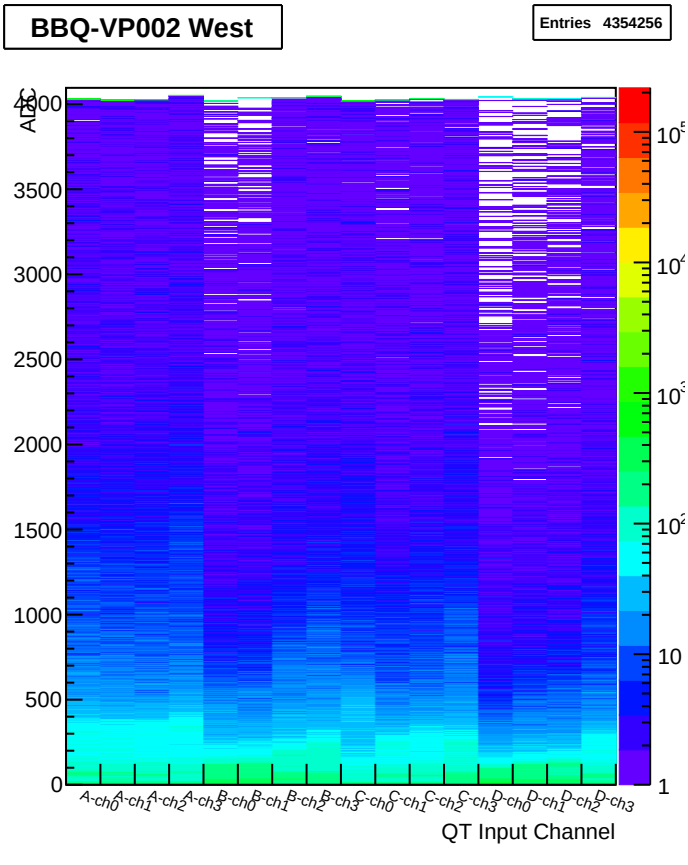

BBQ-BB002 (BBC west small tiles TAC)
Entries 4354256
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

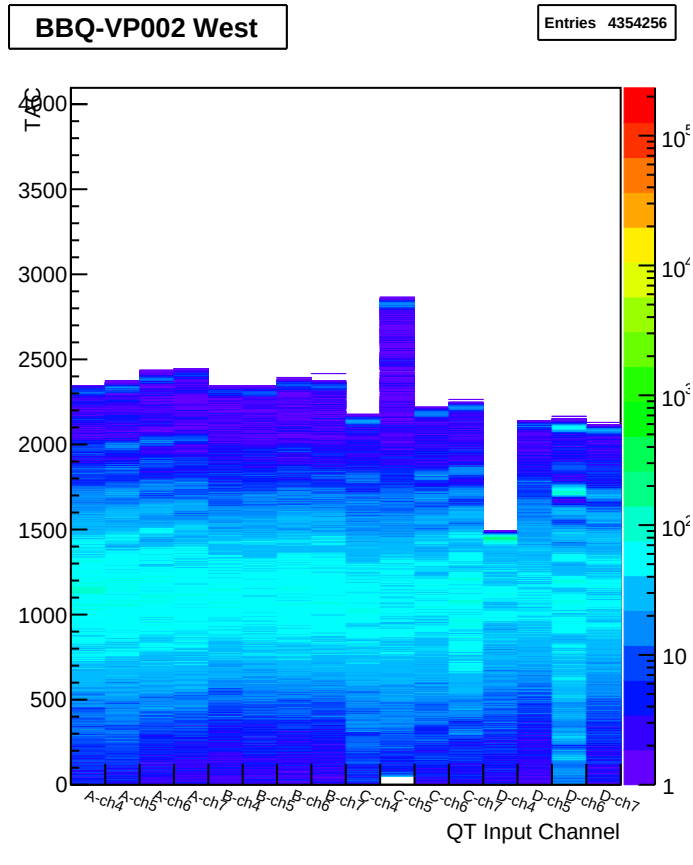

BBQ-ZD001 (ZDC TOWER)
Entries 4354256
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

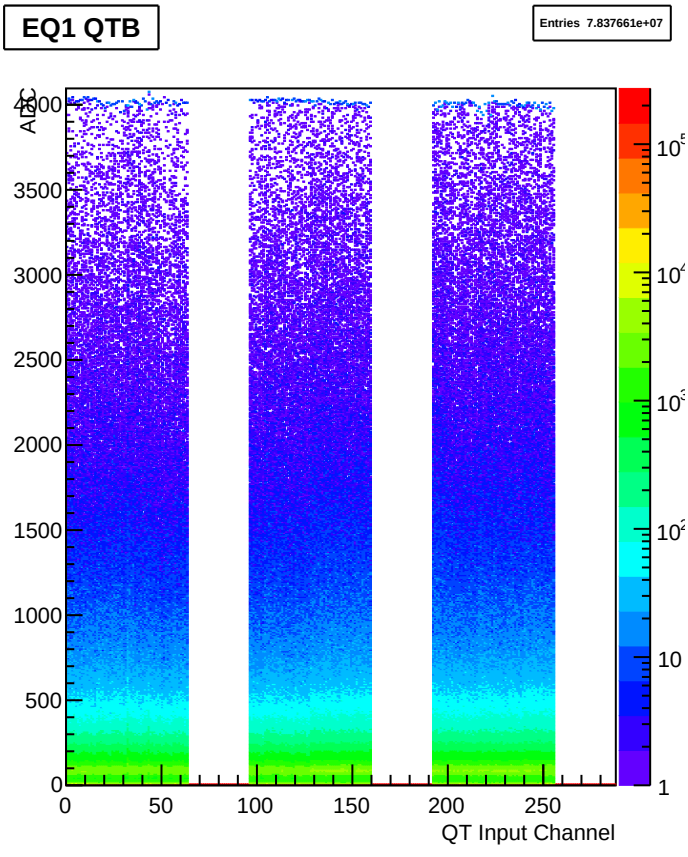

BBQ-ZD001 (ZDC TOWER)
Entries 4354256
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

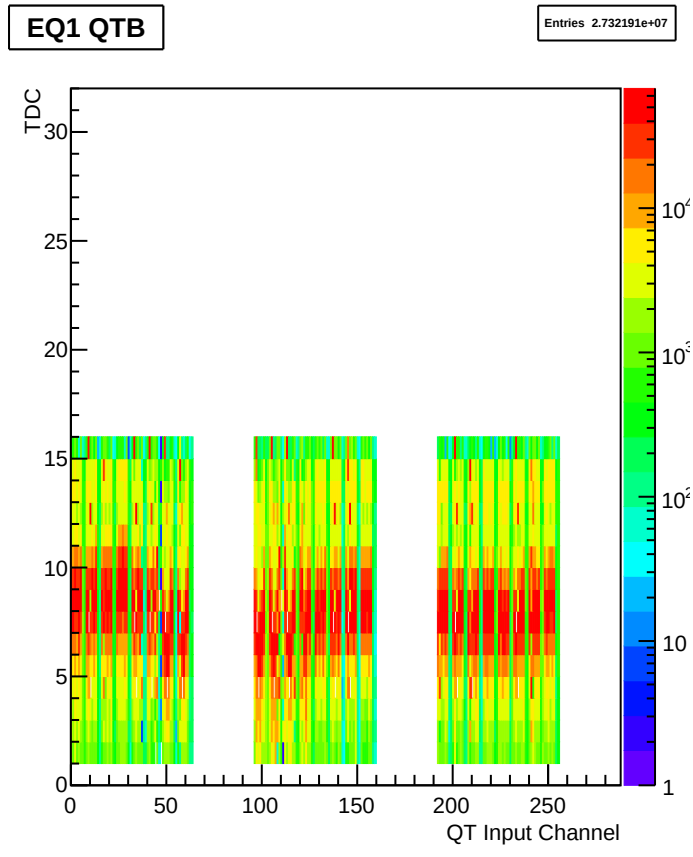

BBQ-VP001 East
Entries 4354256
ADC
QT Input Channel

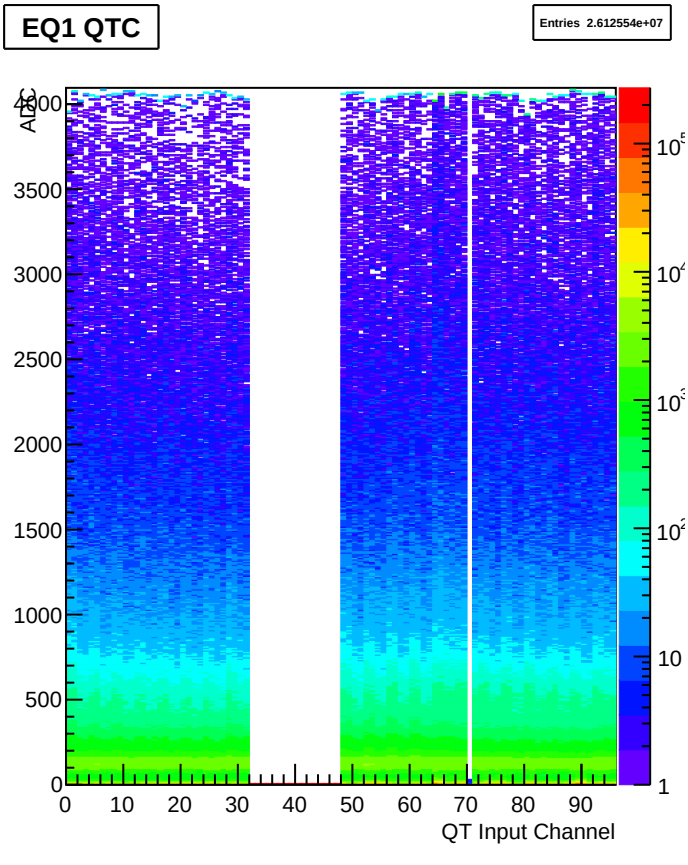

BBQ-VP001 East
Entries 4354256
ADC
QT Input Channel

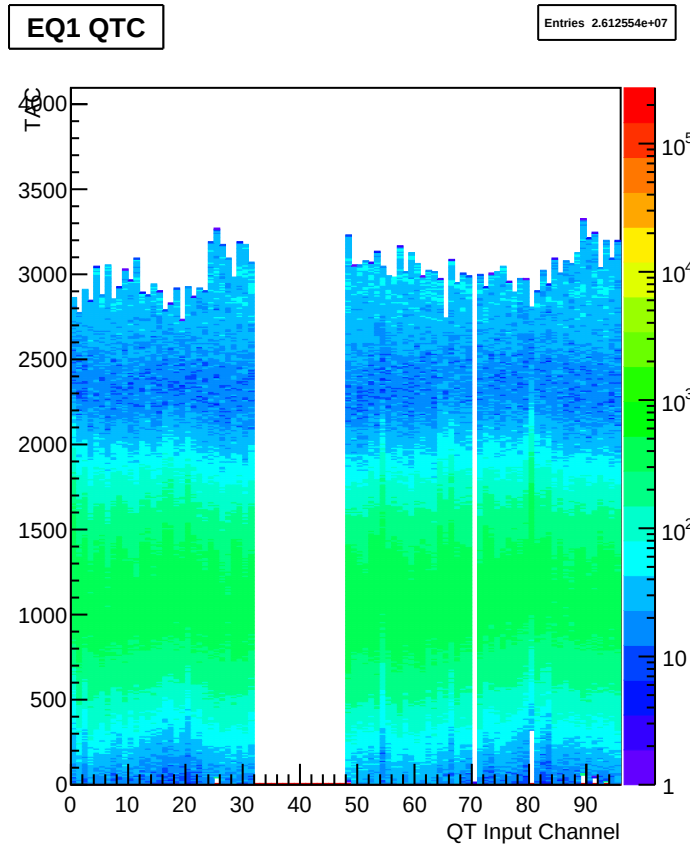

BBQ-VP002 West
Entries 4354256
ADC
QT Input Channel

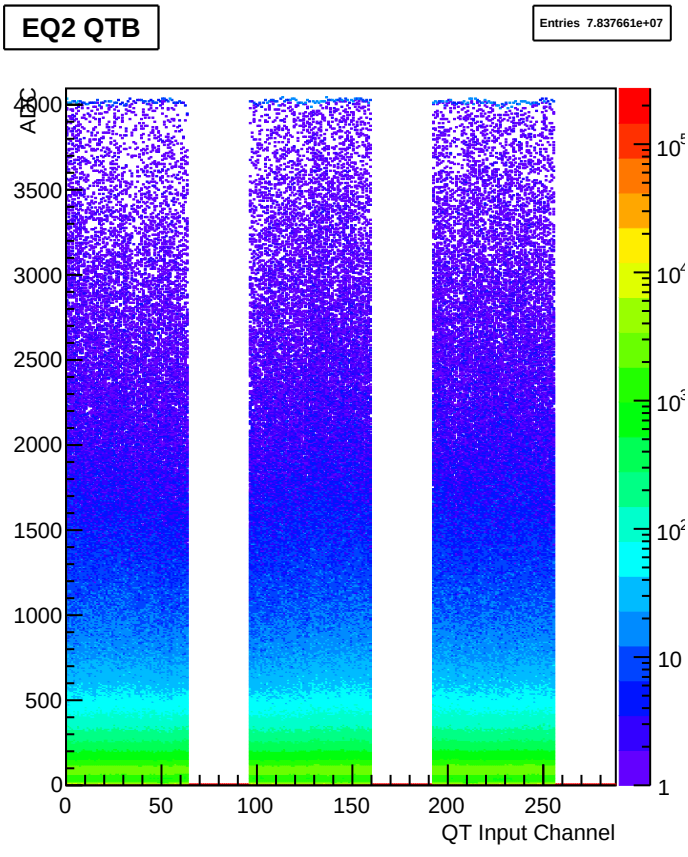

BBQ-VP002 West
Entries 4354256
ADC
QT Input Channel

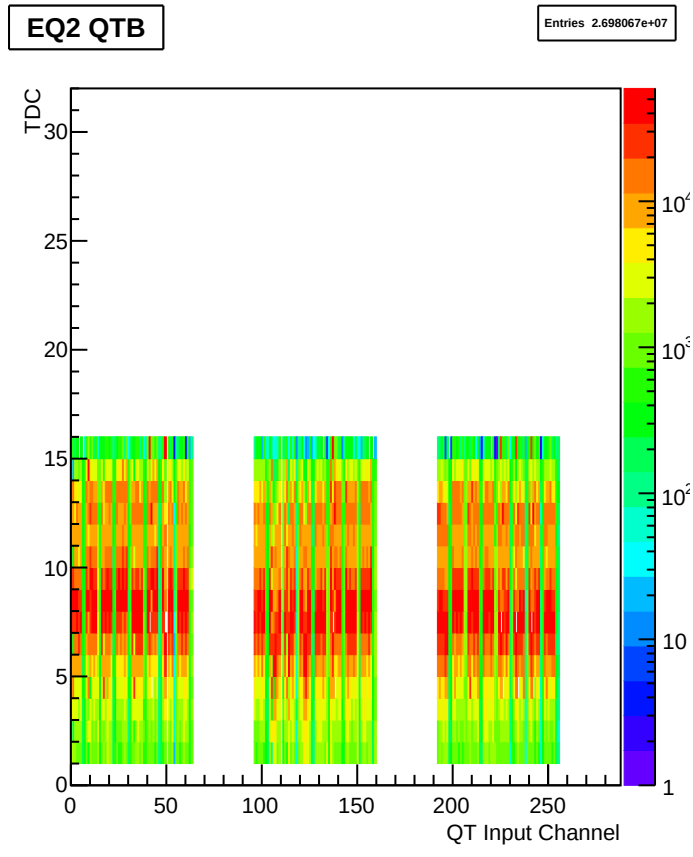

EQ1 QTB
Entries 7.837661e+07
ADC
QT Input Channel

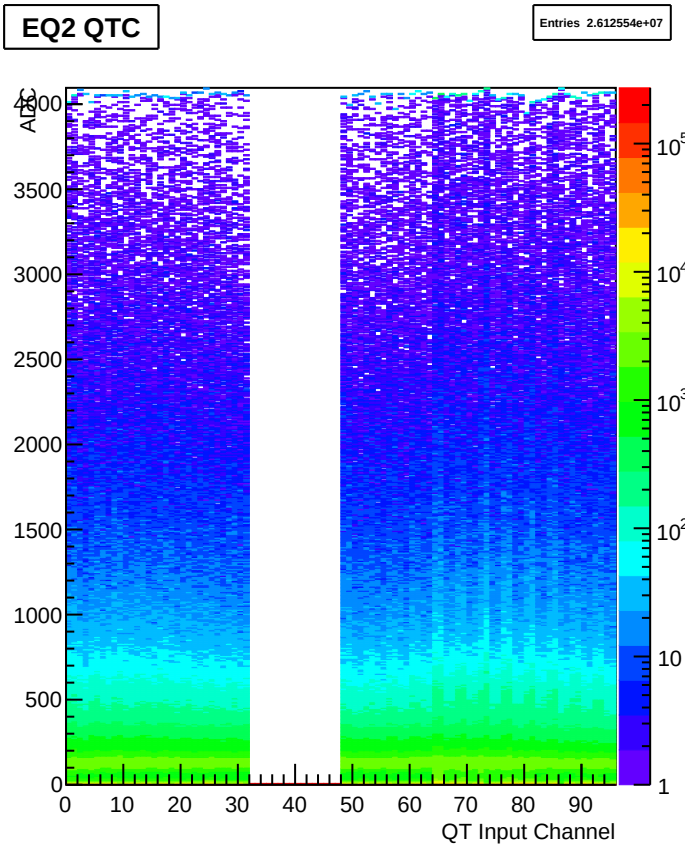

EQ1 QTB
Entries 2.732191e+07
TDC
QT Input Channel

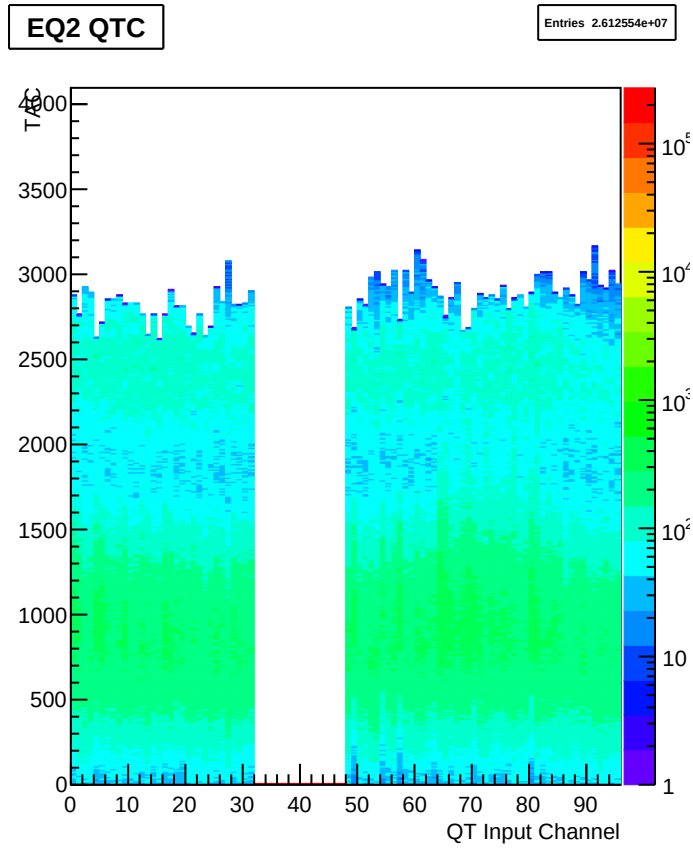

EQ1 QTC
Entries 2.612554e+07
ADC
QT Input Channel

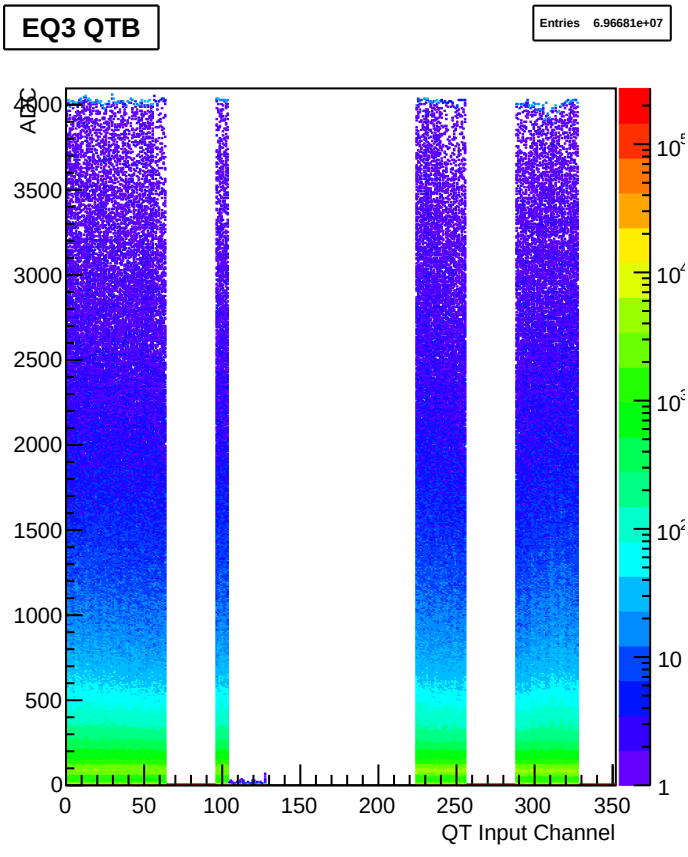

EQ1 QTC
Entries 2.612554e+07
TADC
QT Input Channel

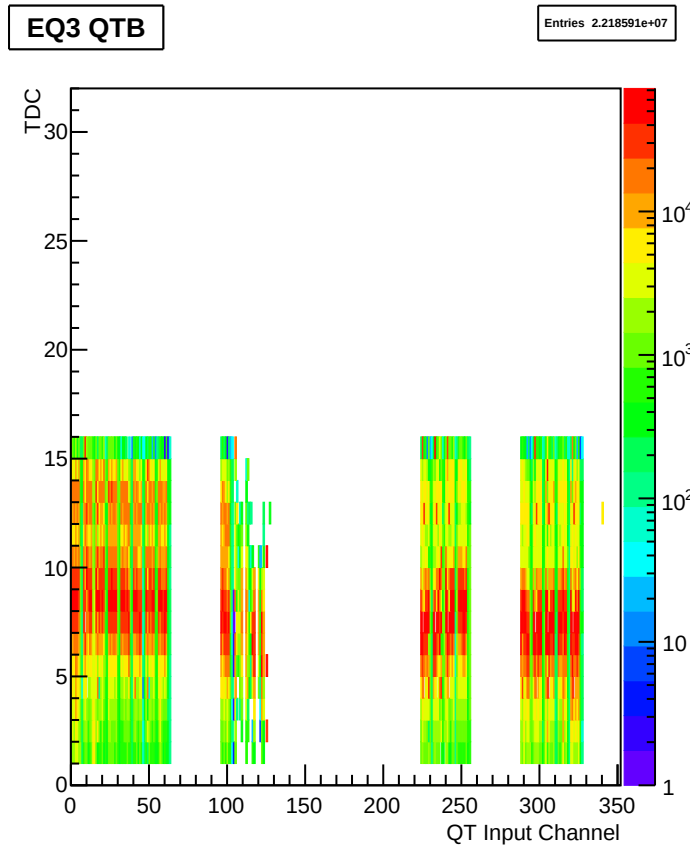

EQ2 QTB
Entries 7.837661e+07
ADC
QT Input Channel

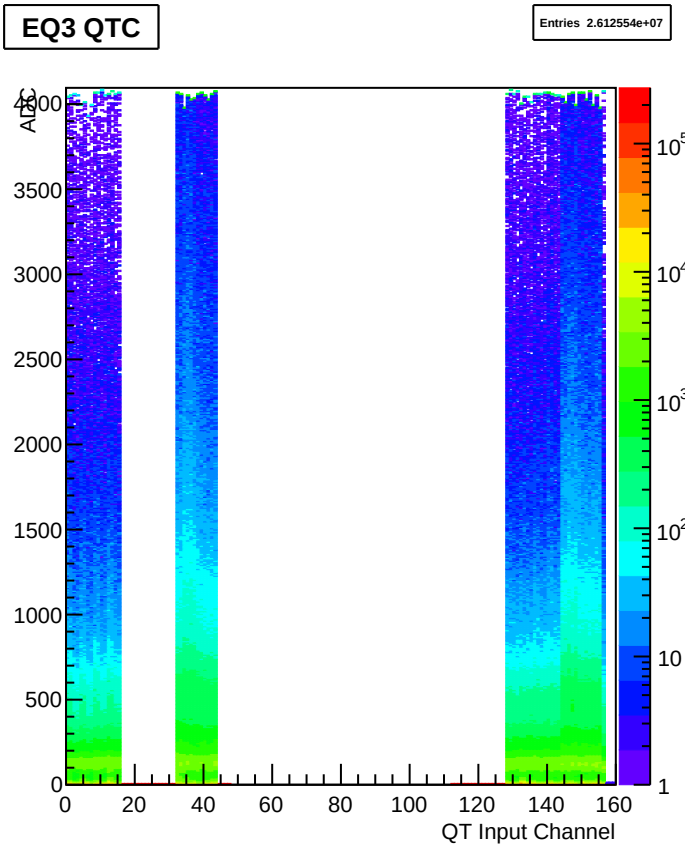

EQ2 QTB
Entries 2.698067e+07
TDC
QT Input Channel

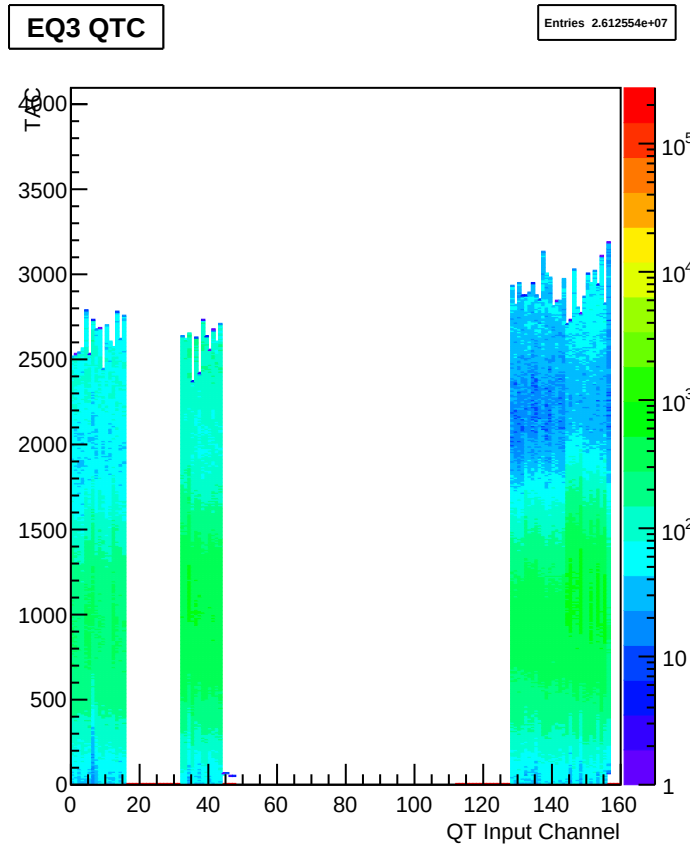

EQ2 QTC
Entries 2.612554e+07
ADC
QT Input Channel

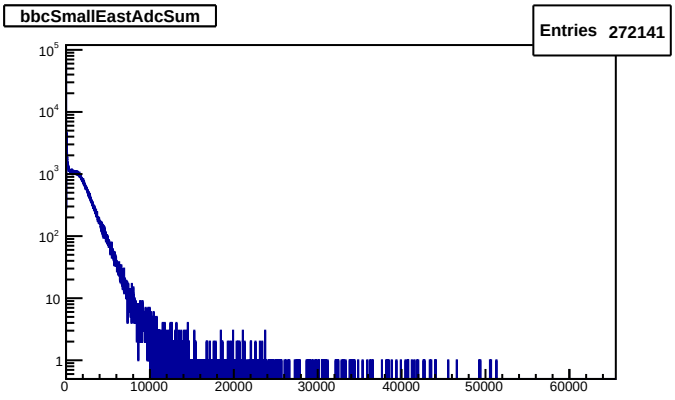

EQ2 QTC
Entries 2.612554e+07
TADC
QT Input Channel

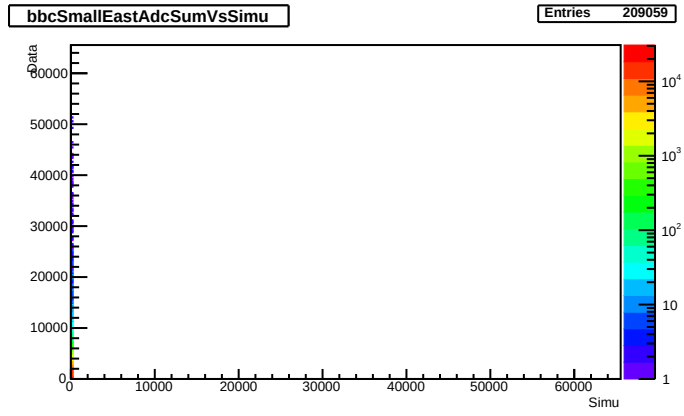

EQ3 QTB
Entries 6.96681e+07
ADC
QT Input Channel

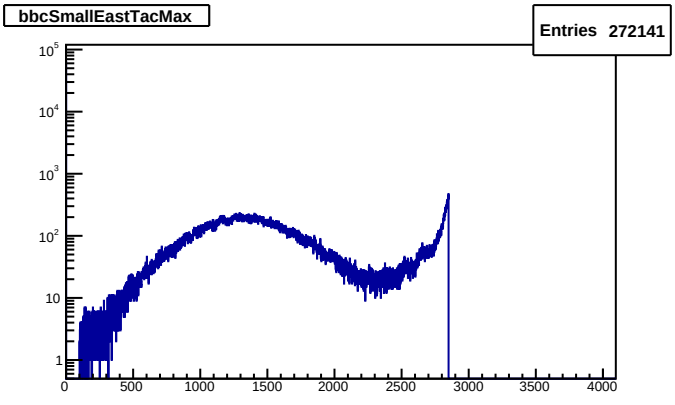

EQ3 QTB
Entries 2.218591e+07
TDC
QT Input Channel

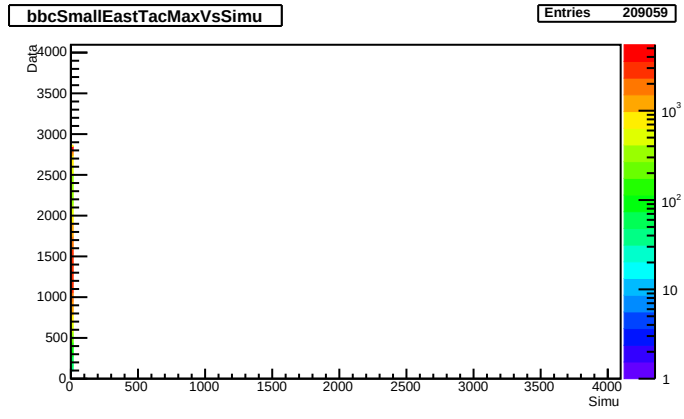

EQ3 QTC
Entries 2.612554e+07
ADC
QT Input Channel

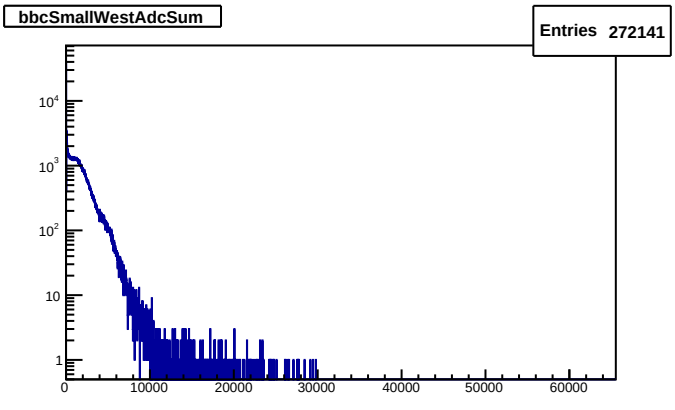

EQ3 QTC
Entries 2.612554e+07
TADC
QT Input Channel

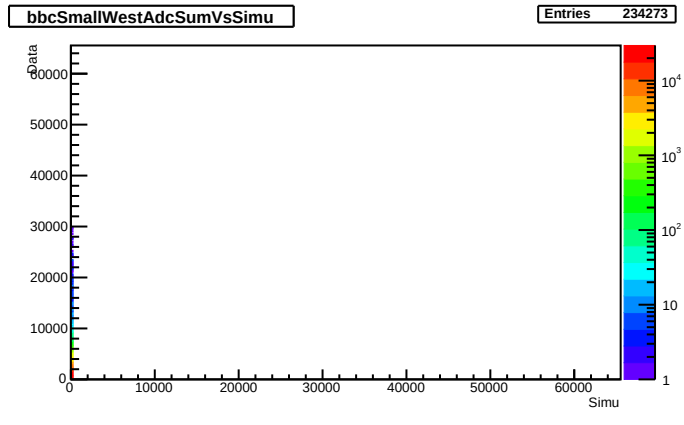

bbcSmallEastAdcSum
Entries 272141

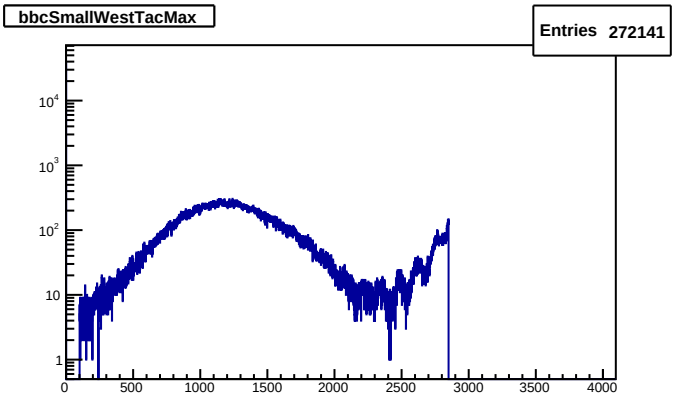

bbcSmallEastAdcSumVsSimu
Entries 209059
Data
Simu

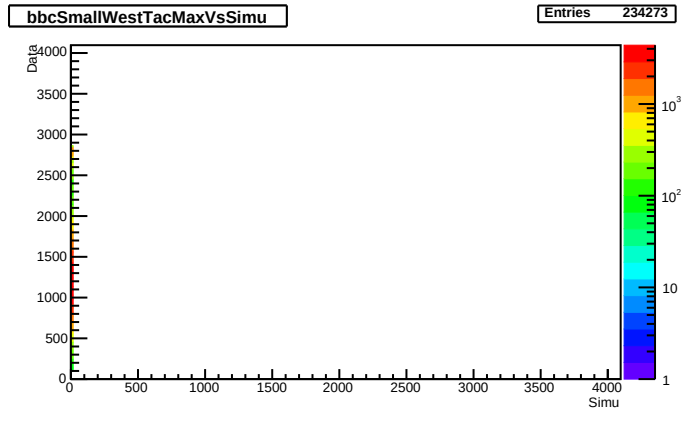

bbcSmallEastTacMax
Entries 272141

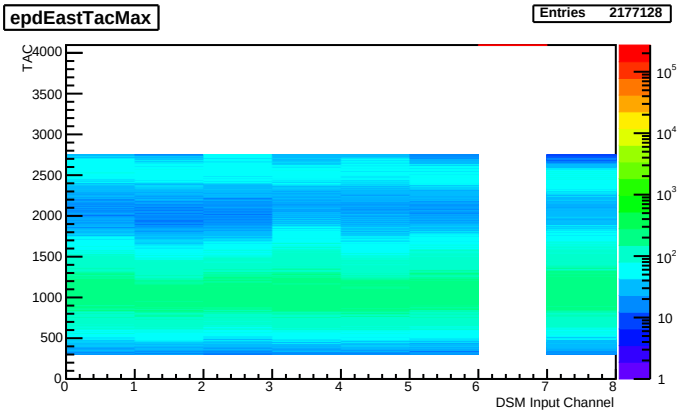

bbcSmallEastTacMaxVsSimu
Entries 209059
Data
Simu

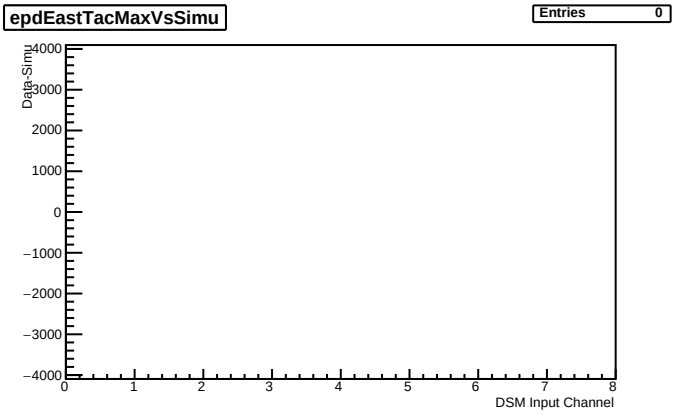

bbcSmallWestAdcSum
Entries 272141

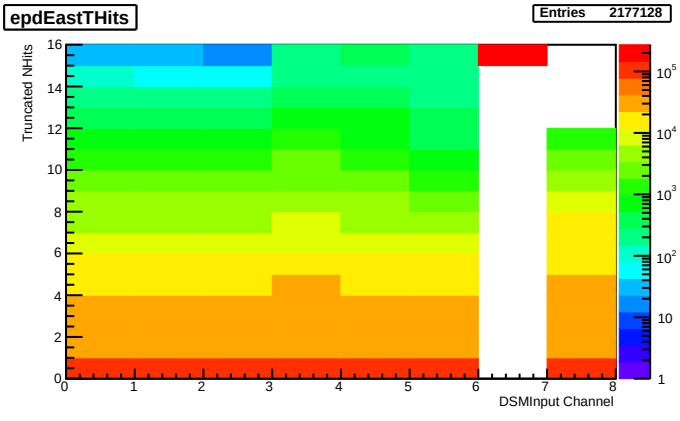

bbcSmallWestAdcSumVsSimu
Entries 234273
Data
Simu

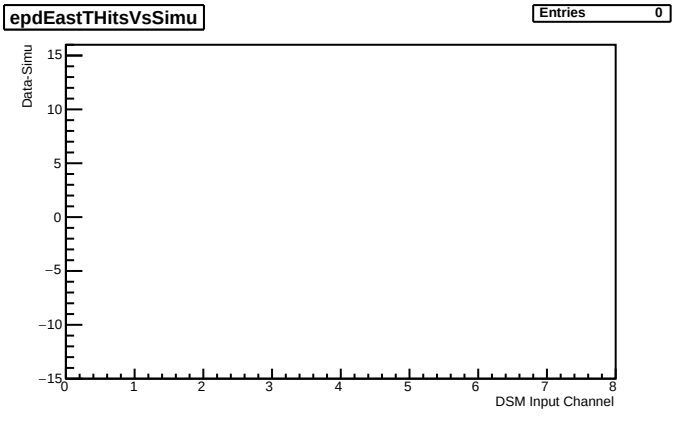

bbcSmallWestTacMax
Entries 272141

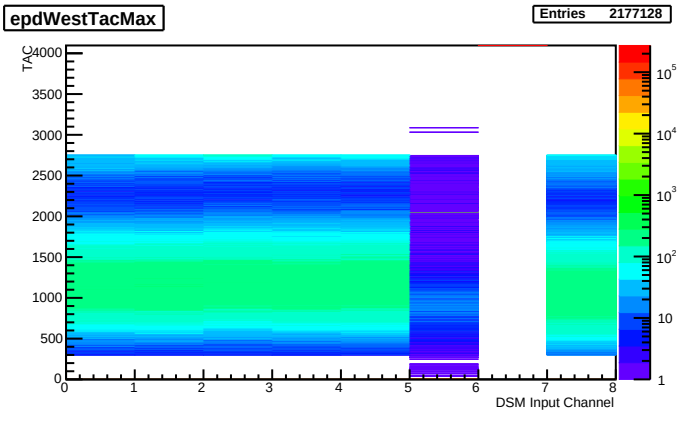

bbcSmallWestTacMaxVsSimu
Entries 234273
Data
Simu

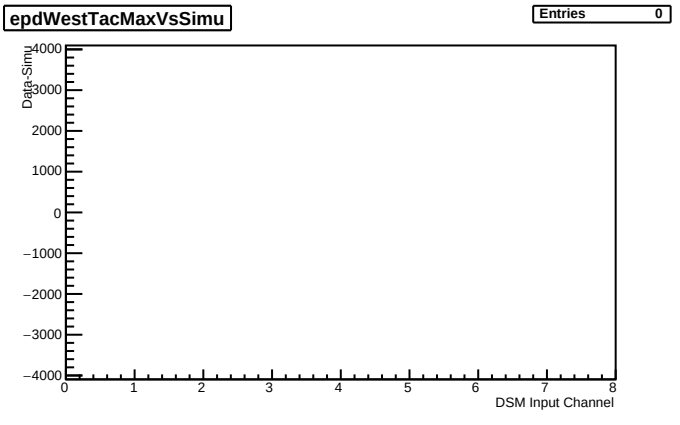

epdEastTacMax
Entries 2177128
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2177128
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2177128
TAC
DSM Input Channel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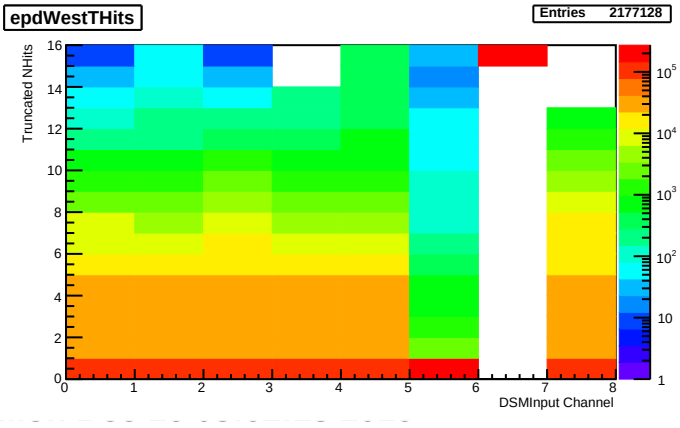
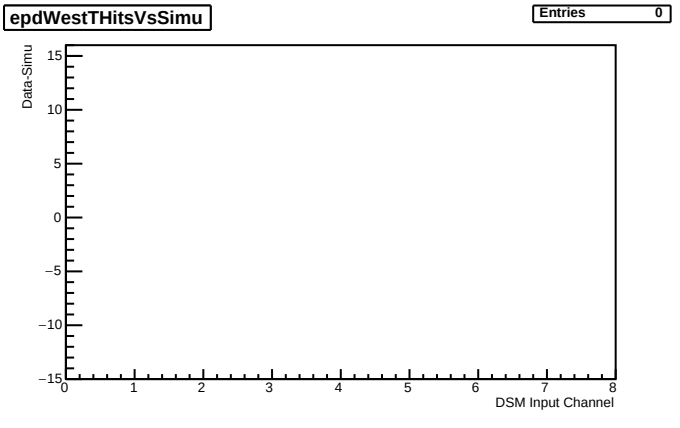
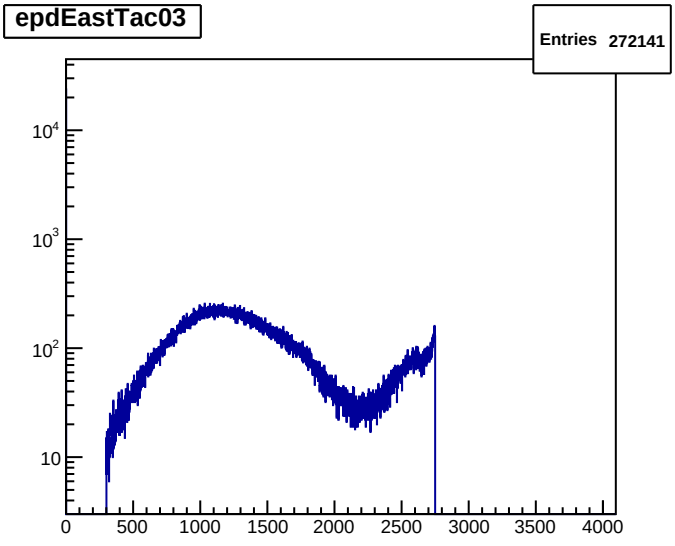
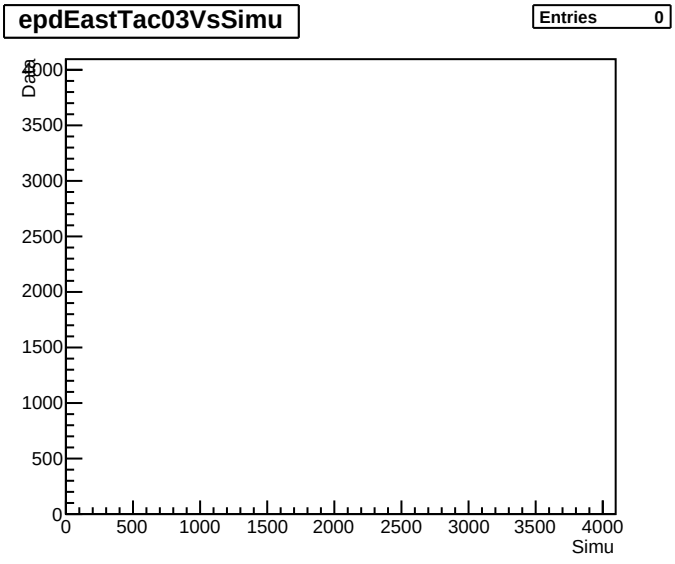
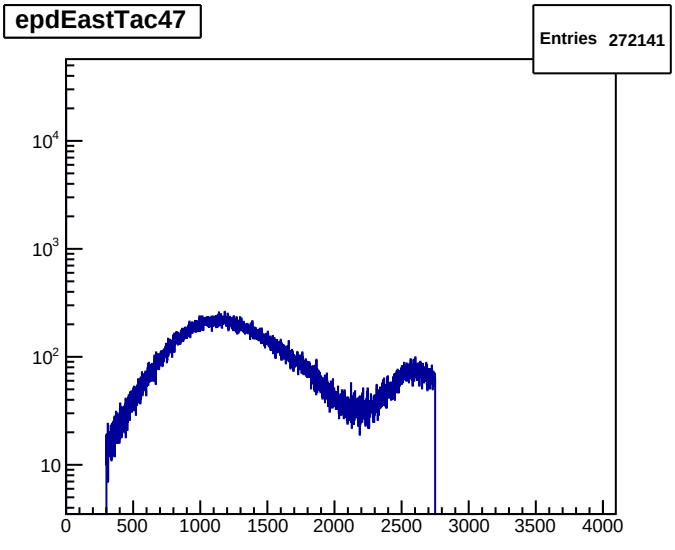
Entries 0
Data-Simu
DSM Input Channel

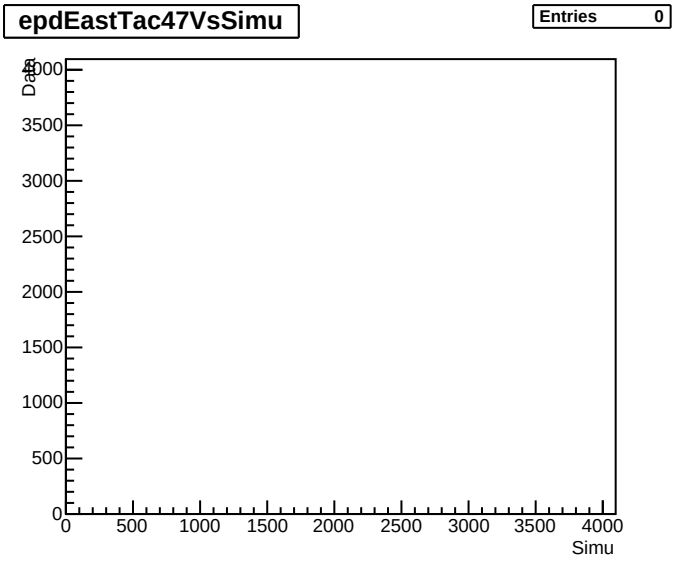

epdWestTHits
Entries 2177128
Truncated NHits
DSMInput Channel

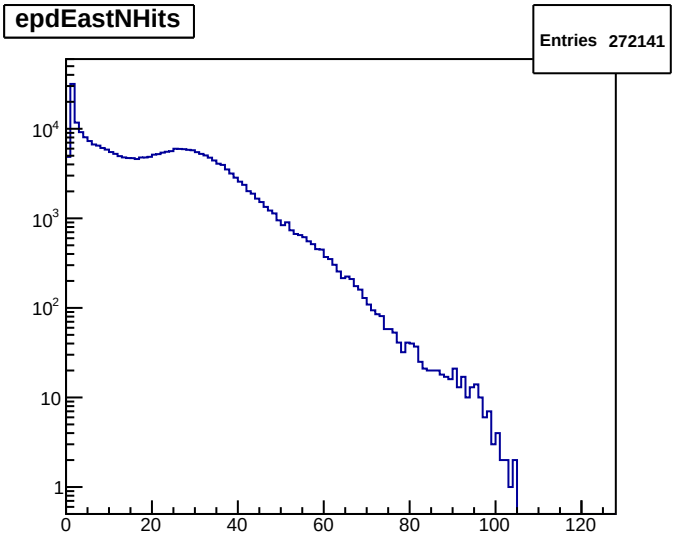

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

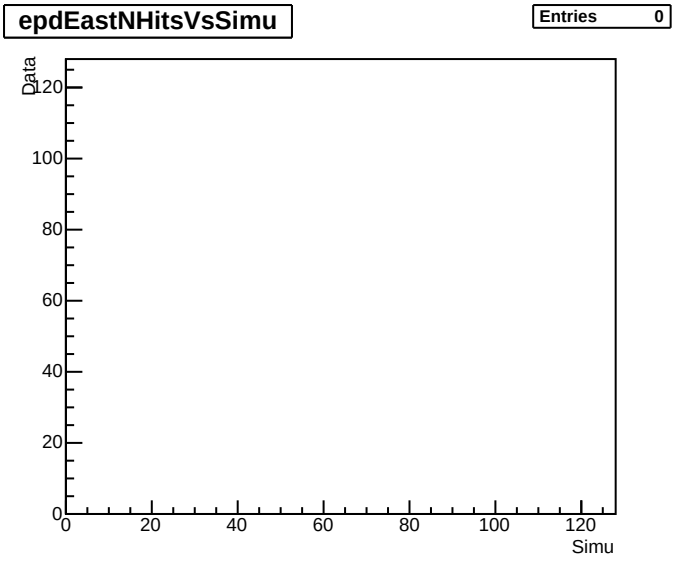

epdEastTac03
Entries 272141


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 272141


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 272141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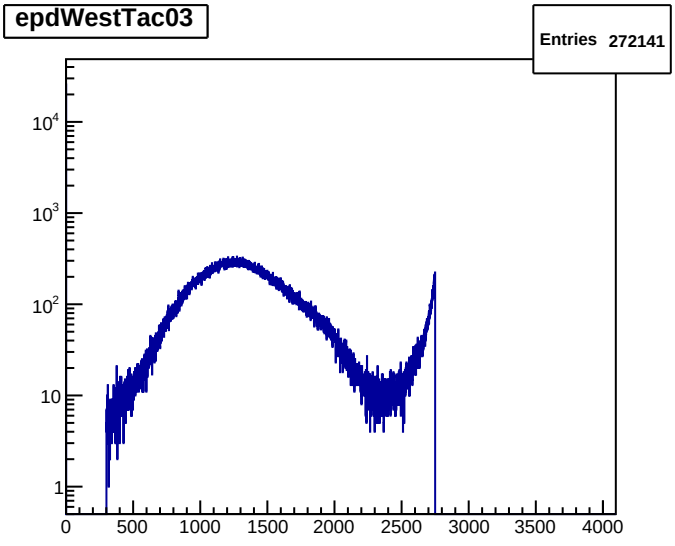
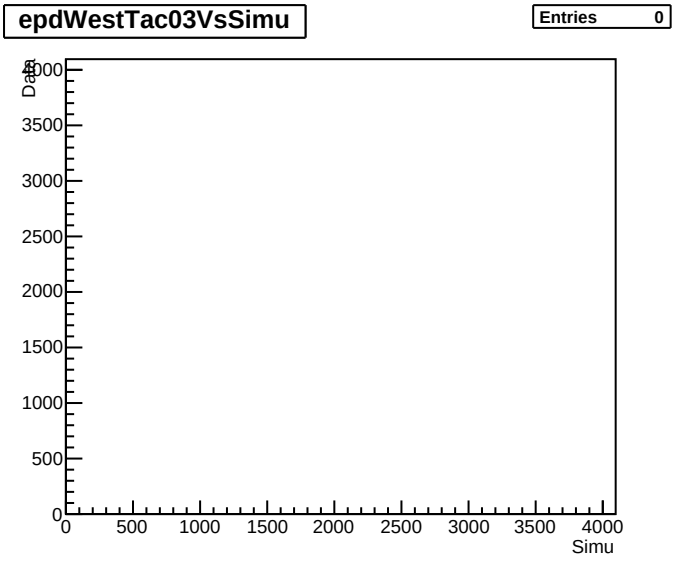
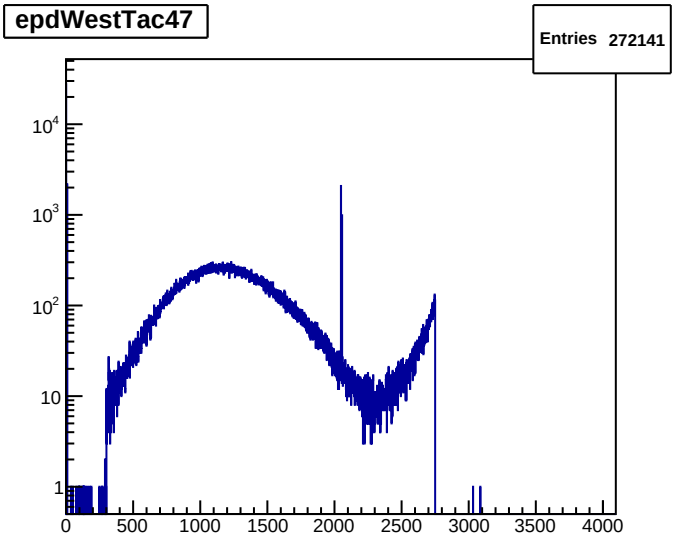
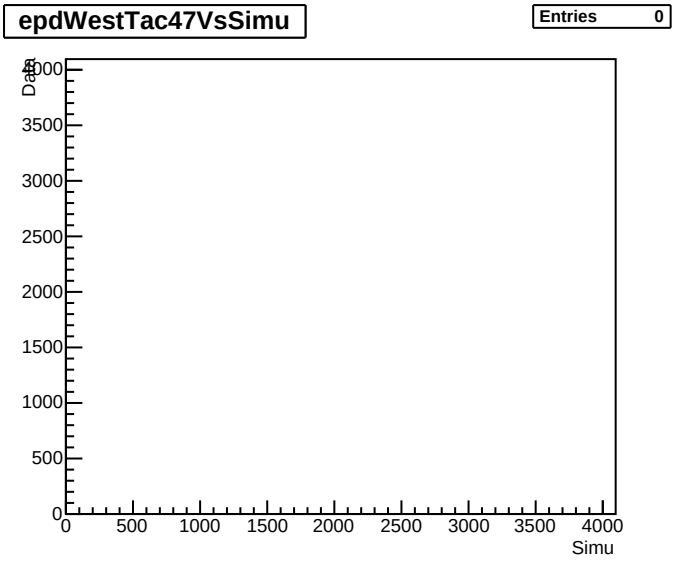
Entries 0
Data
Simu


epdWestTac03
Entries 272141


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 272141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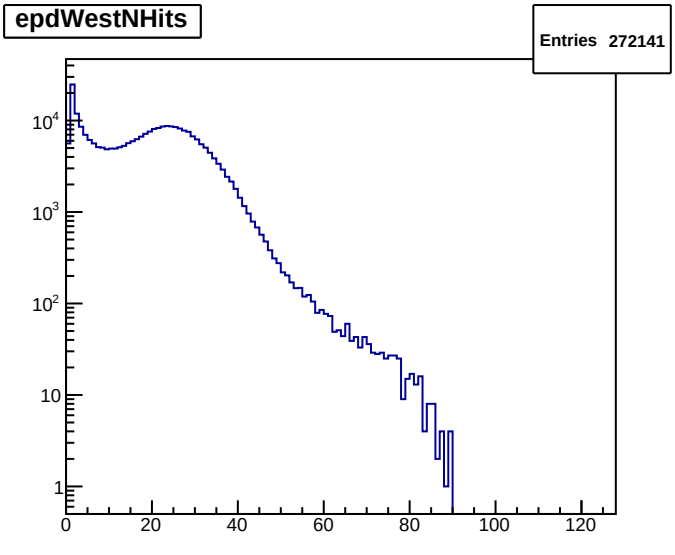
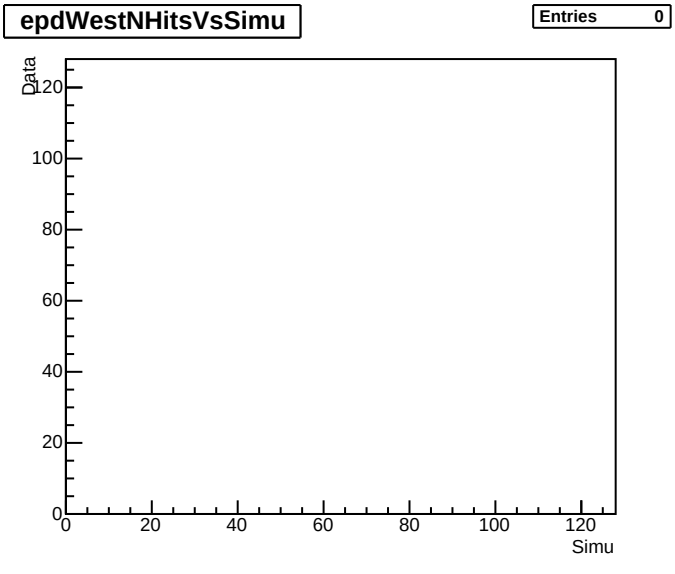
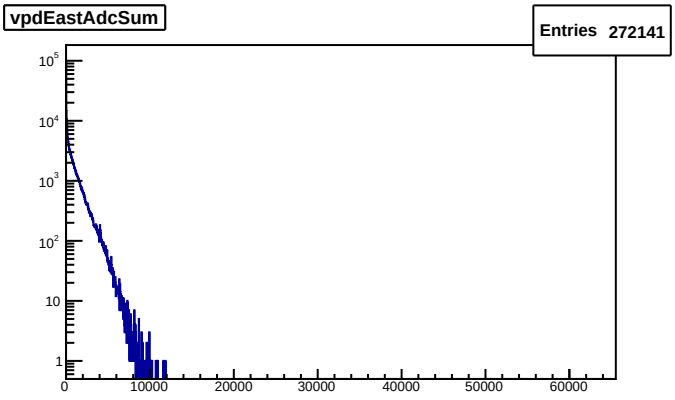
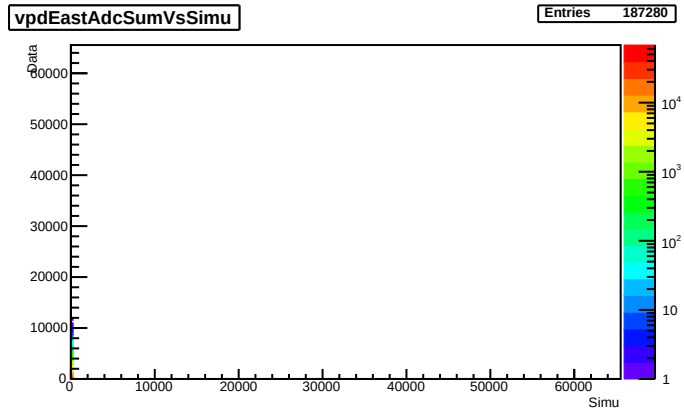
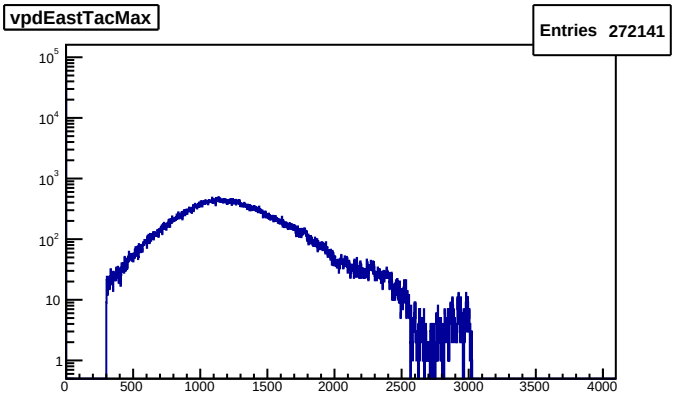
Entries 0
Data
Simu

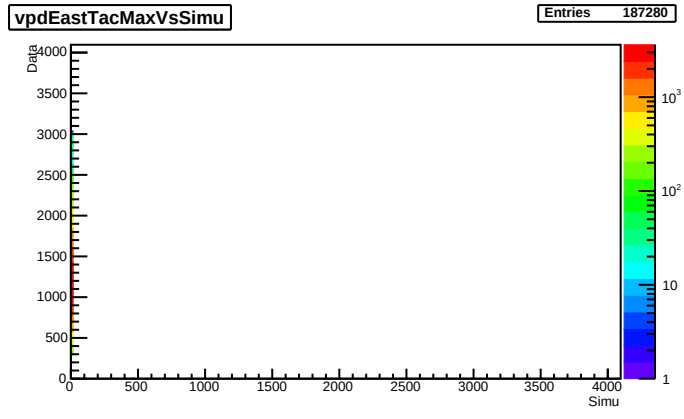

epdWestNHits
Entries 272141

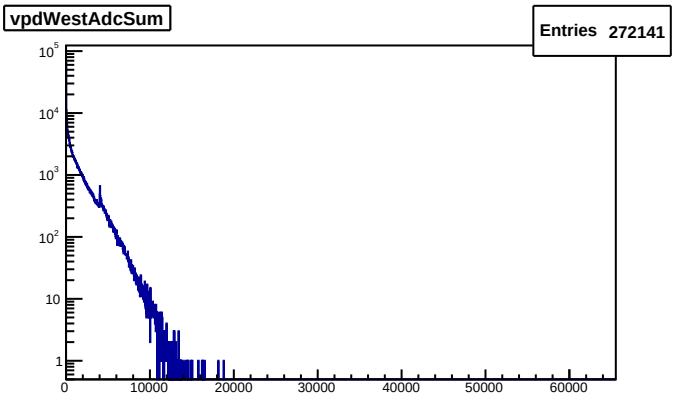

epdWestNHitsVsSimu
Entries 0
Data
Simu

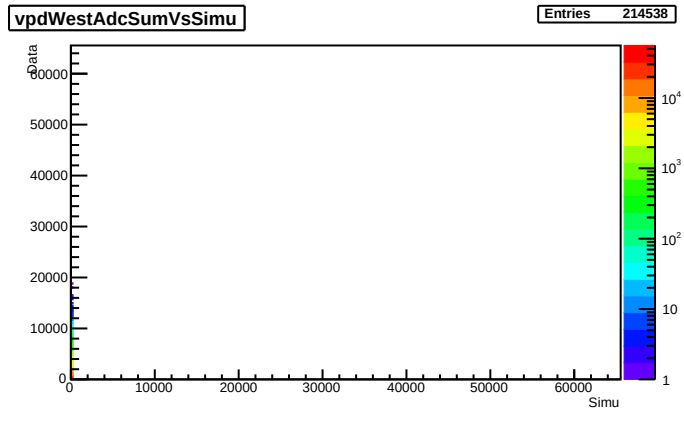

vpdEastAdcSum
Entries 272141

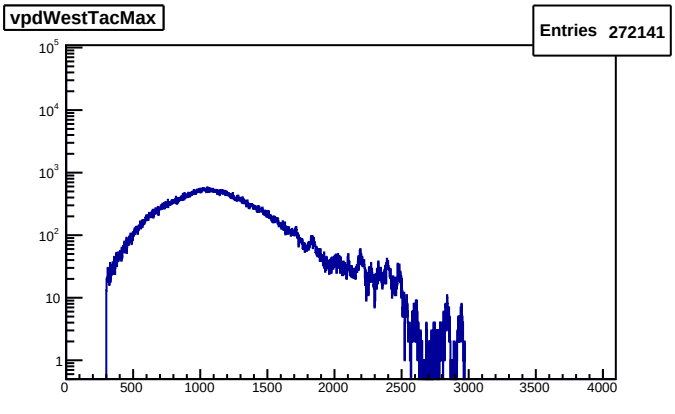

vpdEastAdcSumVsSimu
Entries 187280
Data
Simu

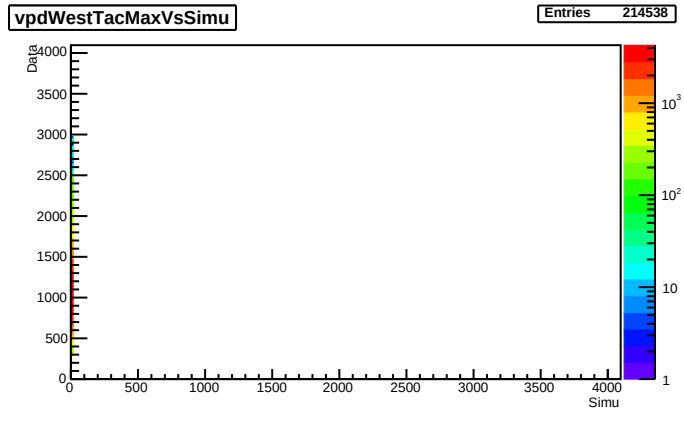

vpdEastTacMax
Entries 272141

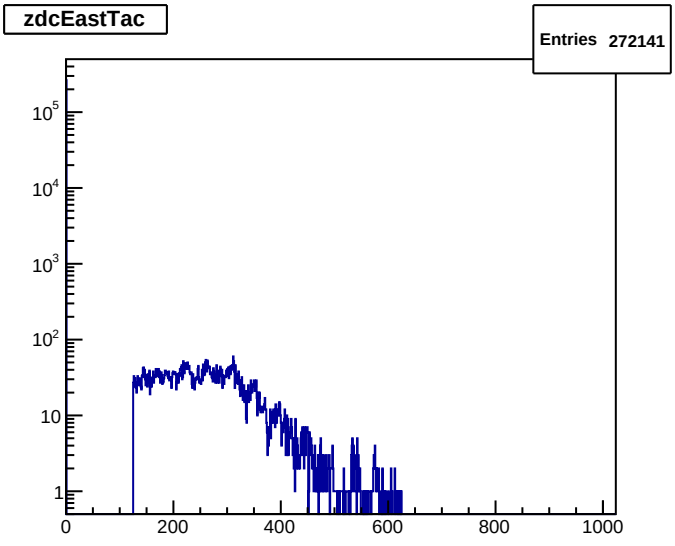

vpdEastTacMaxVsSimu
Entries 187280
Data
Simu

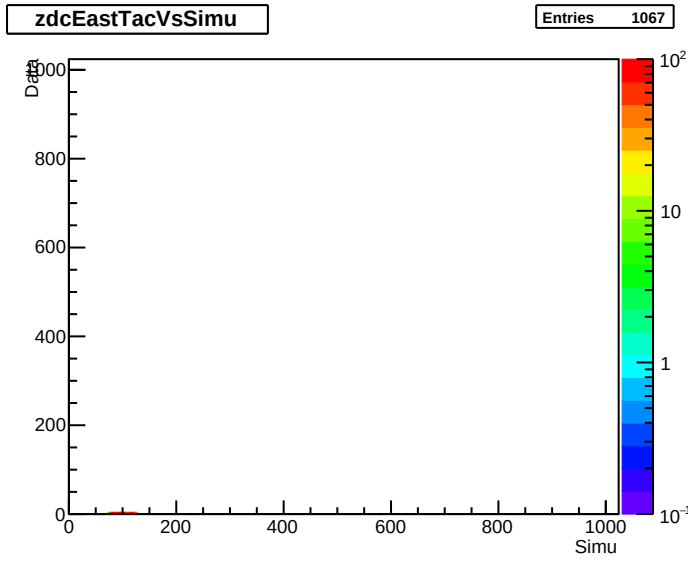

vpdWestAdcSum
Entries 272141

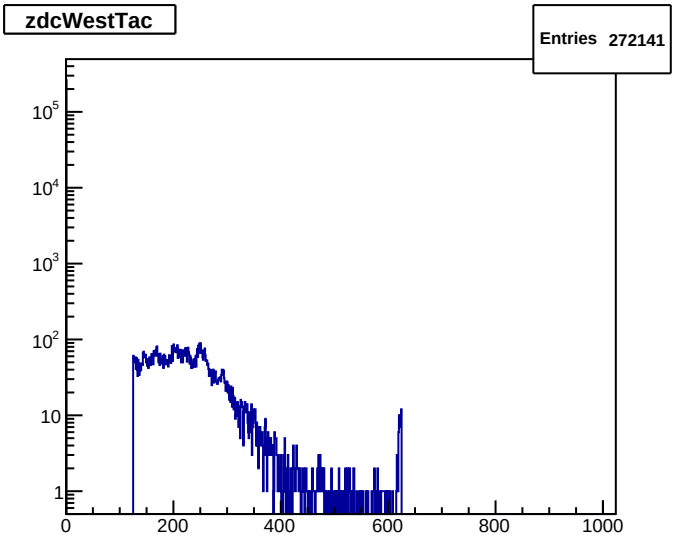

vpdWestAdcSumVsSimu
Entries 214538
Data
Simu

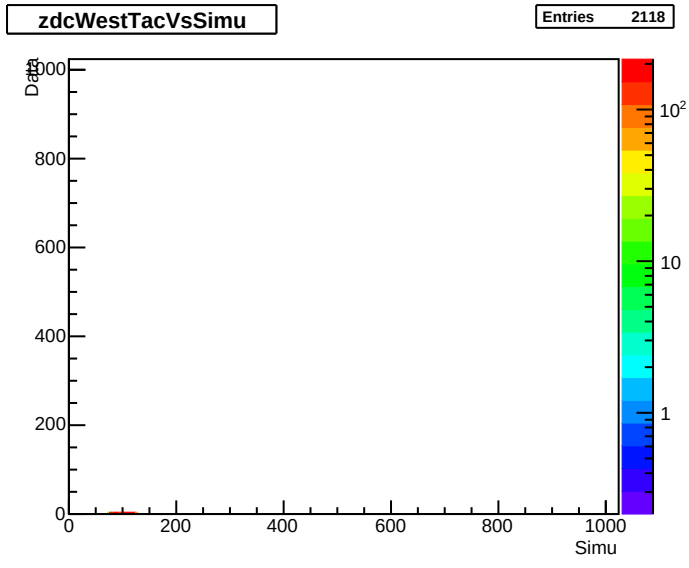

vpdWestTacMax
Entries 272141

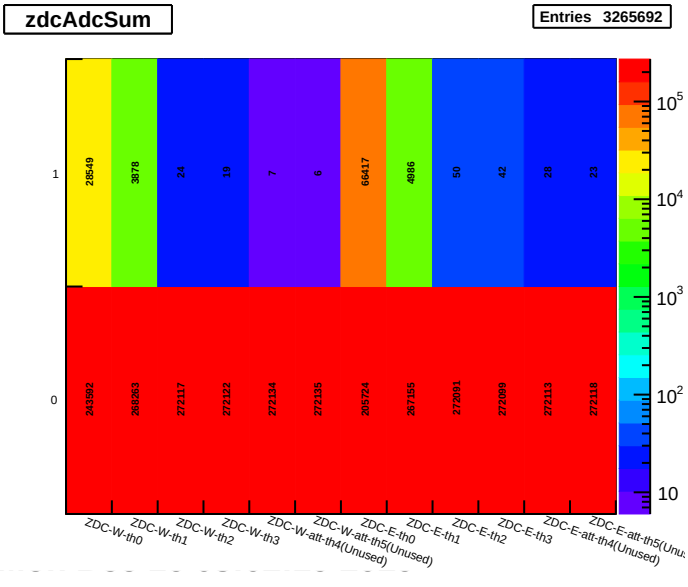

vpdWestTacMaxVsSimu
Entries 214538
Data
Simu

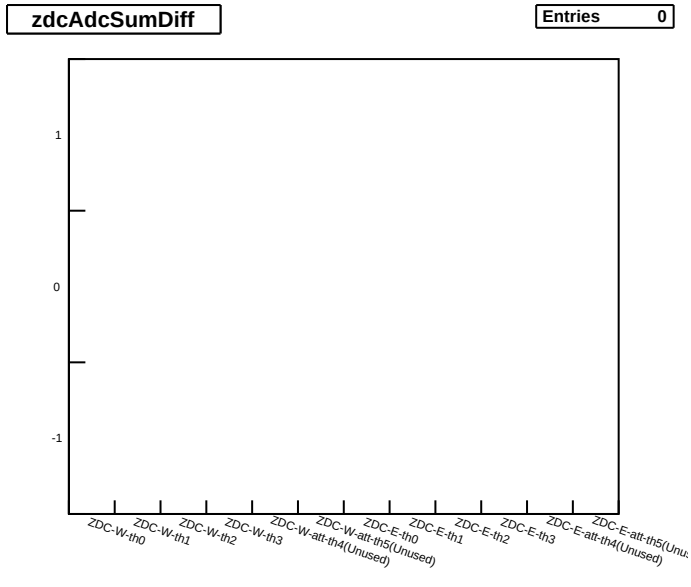

zdcEastTac
Entries 272141

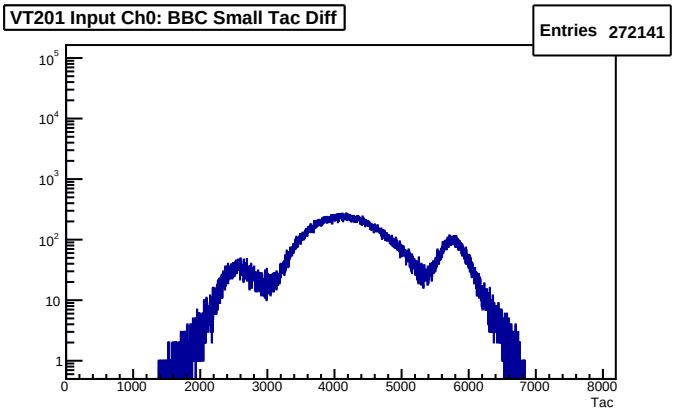

zdcEastTacVsSimu
Entries 1067
Data
Simu

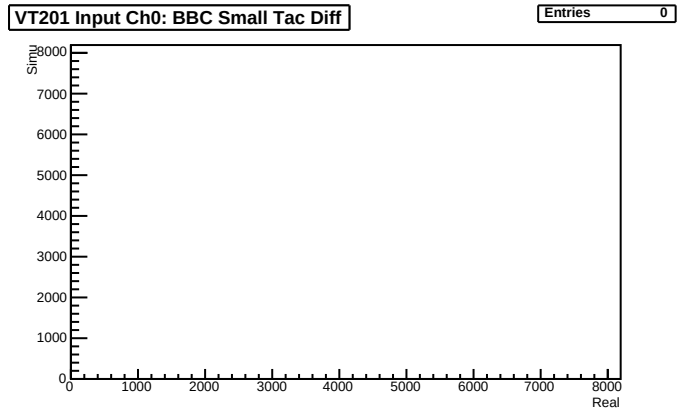

zdcWestTac
Entries 272141

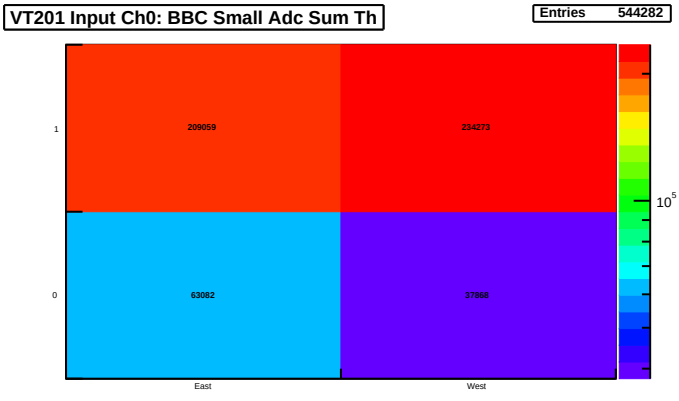

zdcWestTacVsSimu
Entries 2118
Data
Simu

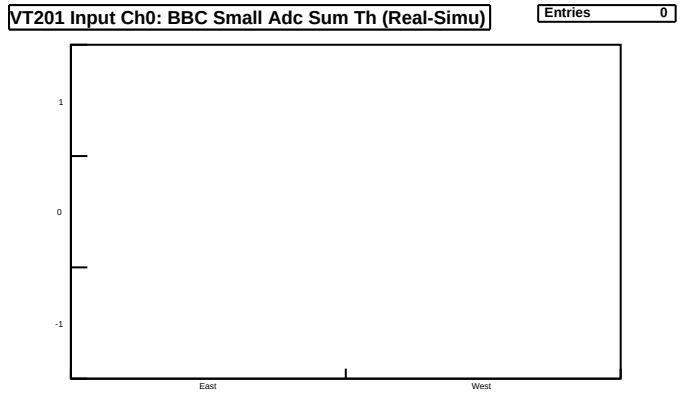

zdcAdcSum
Entries 3265692
28549
3878
24
19
7
6
66417
4986
50
42
28
23
243592
268263
272117
272122
272134
272135
205724
267155
272091
272099
272113
272118
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

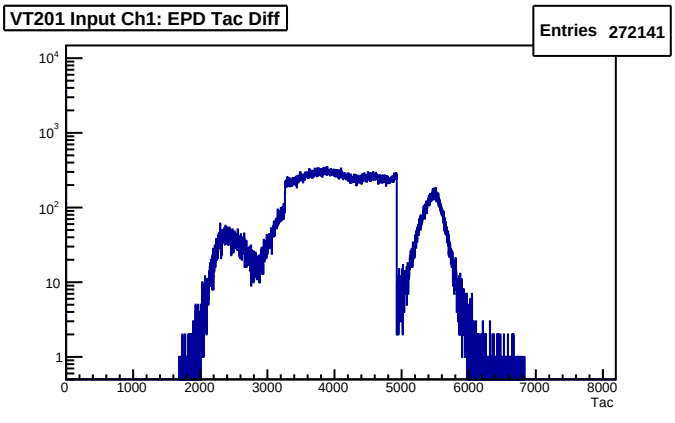

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

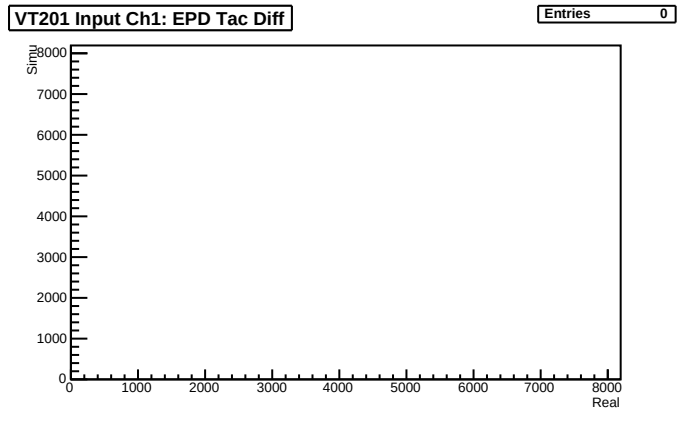

VT201 Input Ch0: BBC Small Tac Diff
Entries 272141
Tac

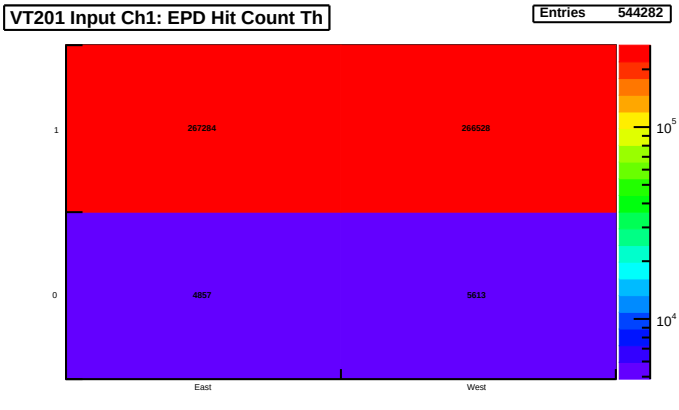

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

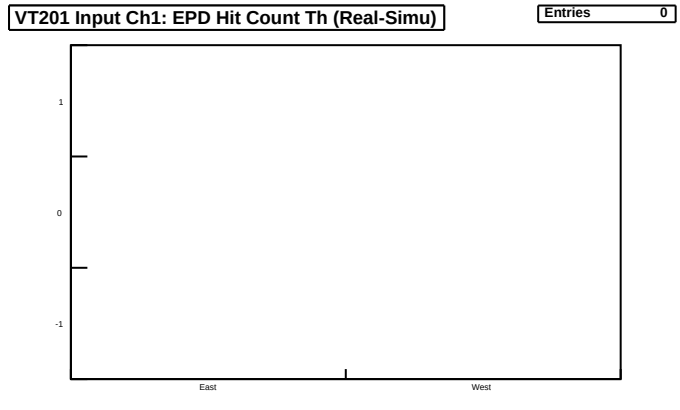

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 544282
209059
234273
63082
37868
East
West

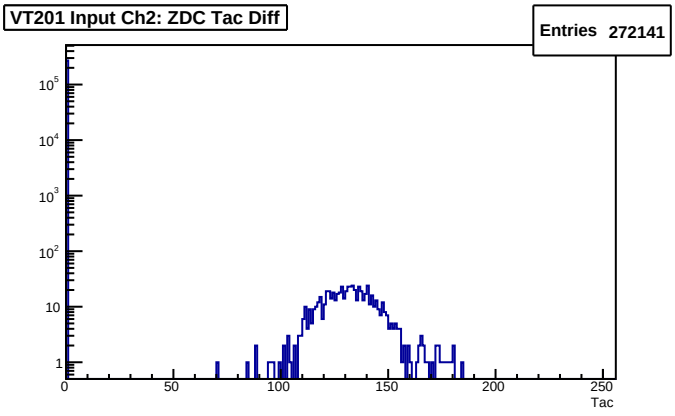

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

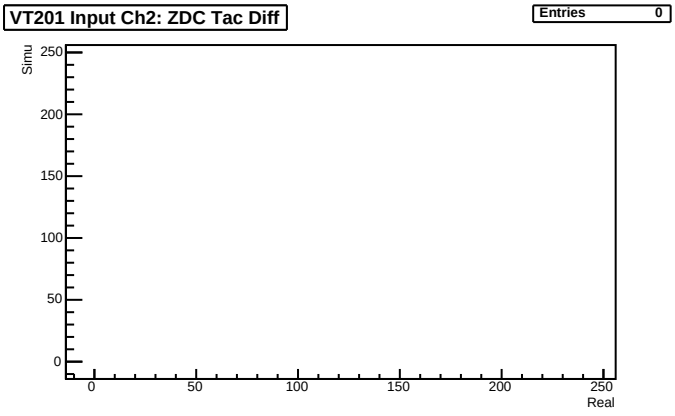

VT201 Input Ch1: EPD Tac Diff
Entries 272141
Tac

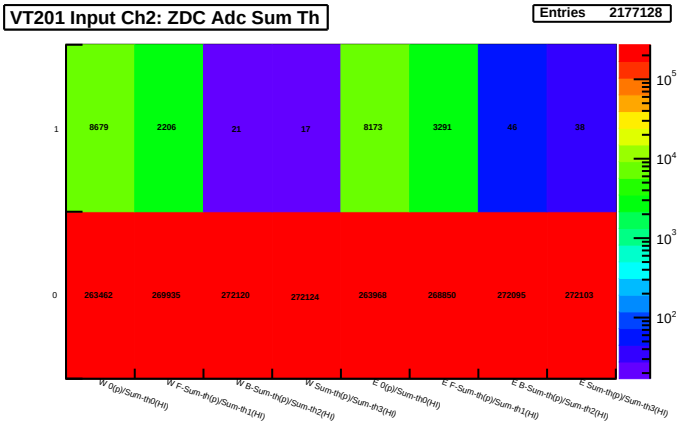

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

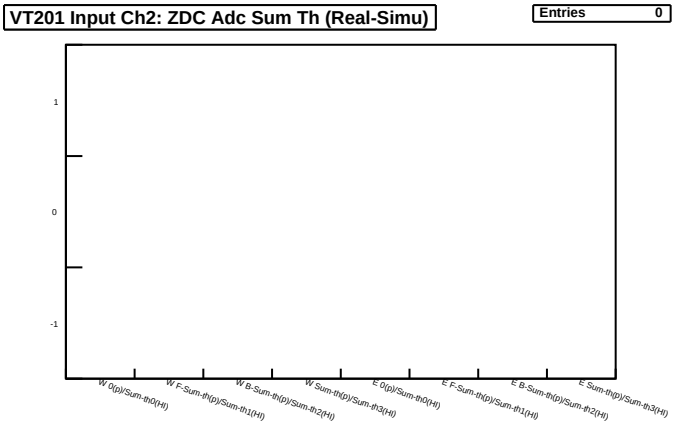

VT201 Input Ch1: EPD Hit Count Th
Entries 544282
267284
266528
4857
5613
East
West

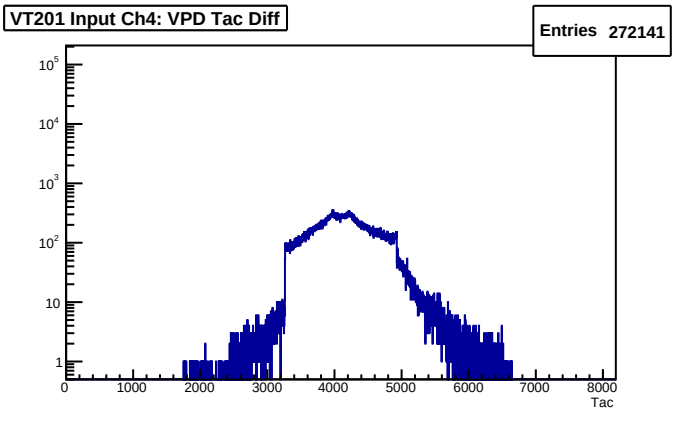

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

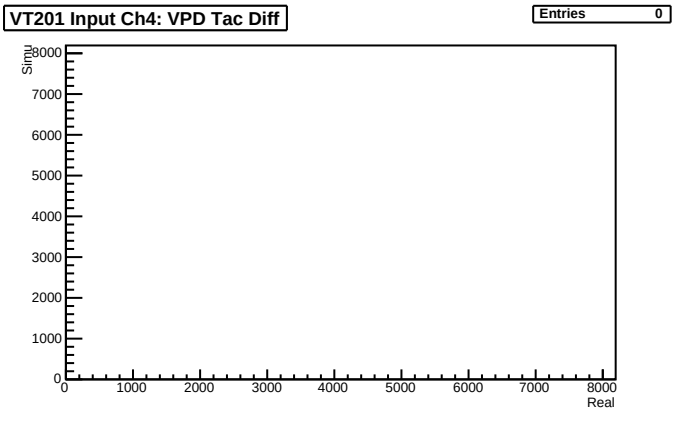

VT201 Input Ch2: ZDC Tac Diff
Entries 272141
Tac

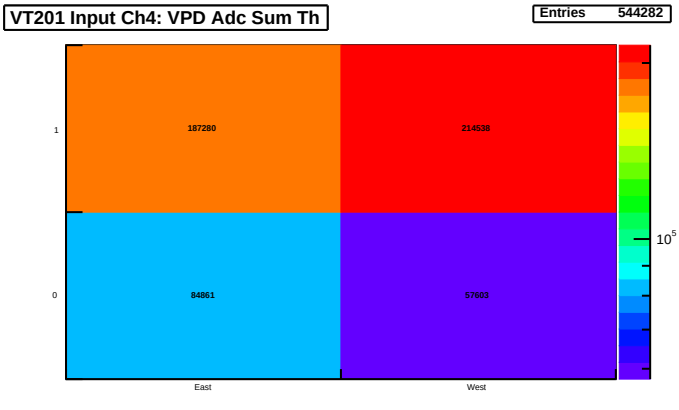

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

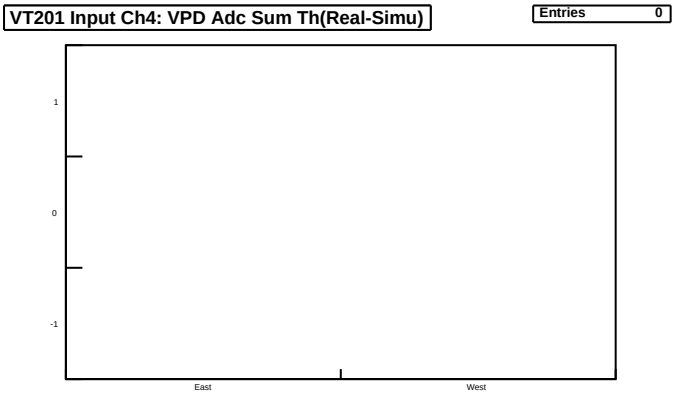

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2177128
8679
2206
21
17
8173
3291
46
38
263462
269935
272120
272124
263968
268850
272095
272103
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

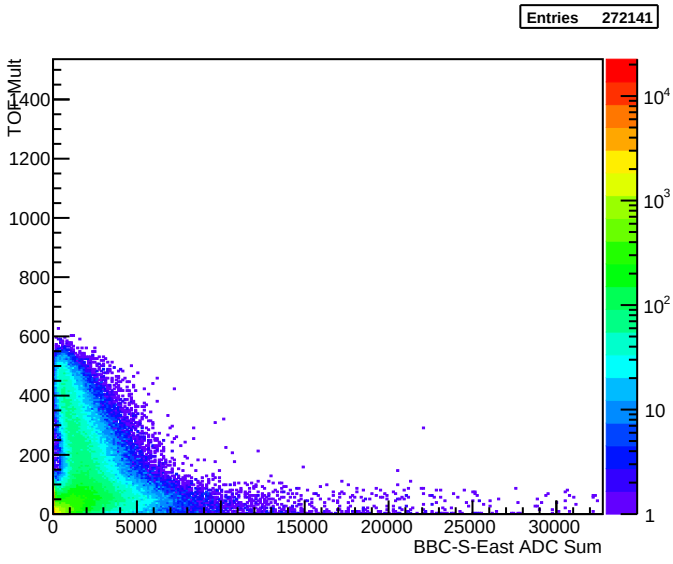

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

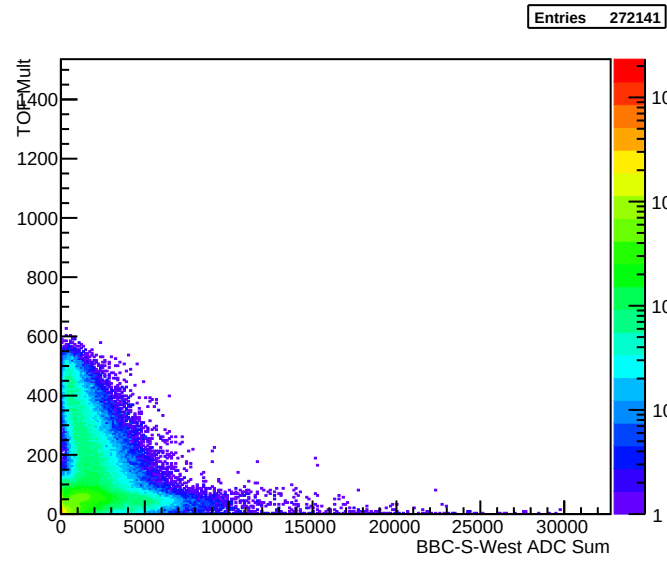

VT201 Input Ch4: VPD Tac Diff
Entries 272141
Tac

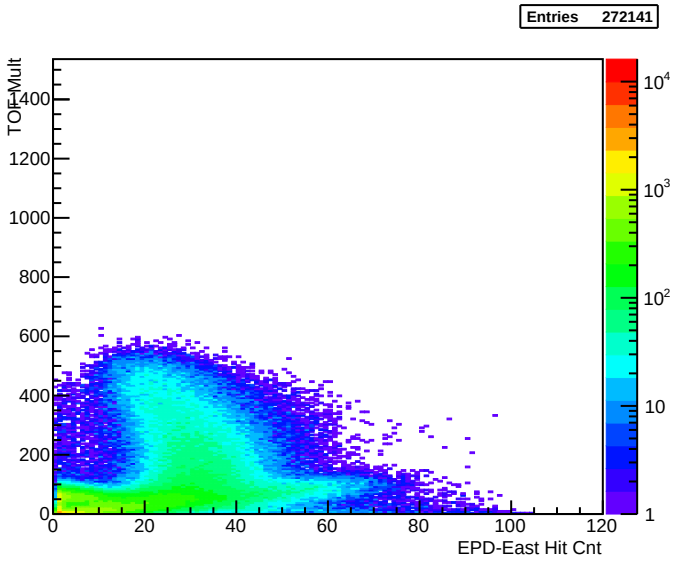

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

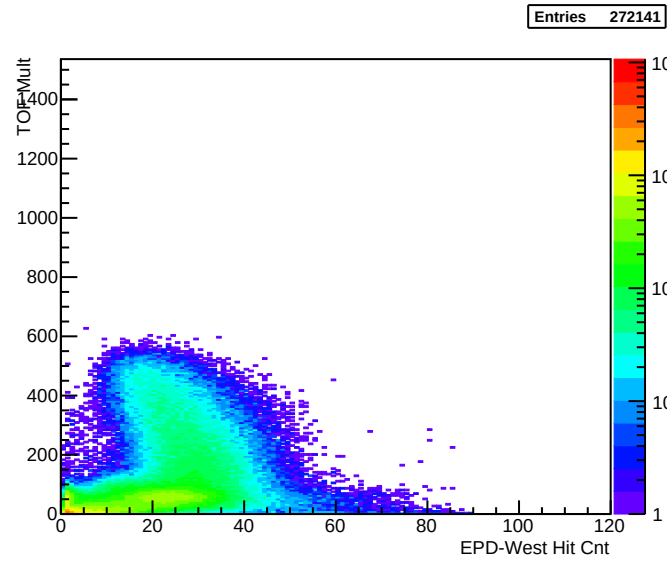

VT201 Input Ch4: VPD Adc Sum Th
Entries 544282
187280
214538
84861
57603
East
West

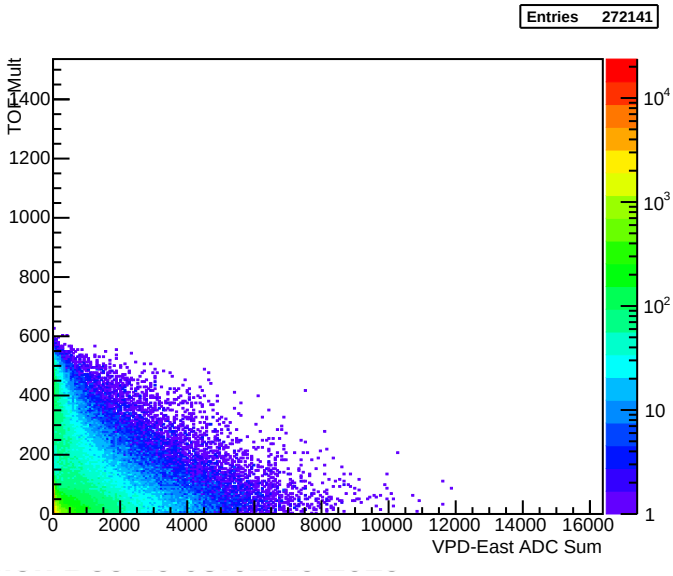

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

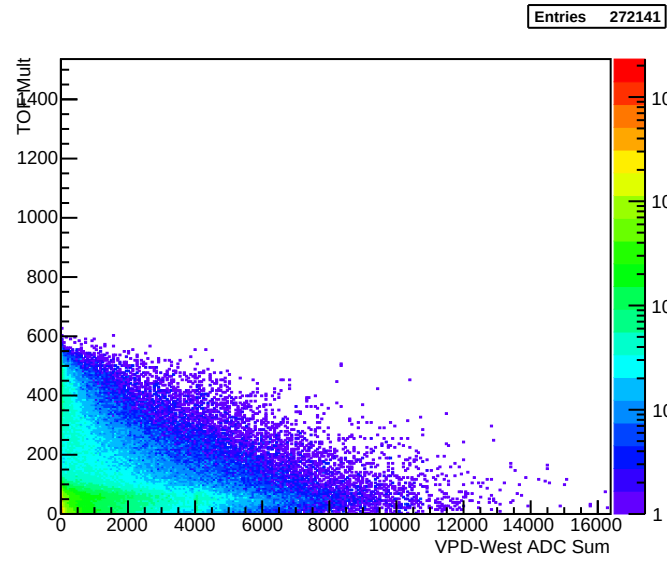

Entries 272141
TOF-Mult
BBC-S-East ADC Sum

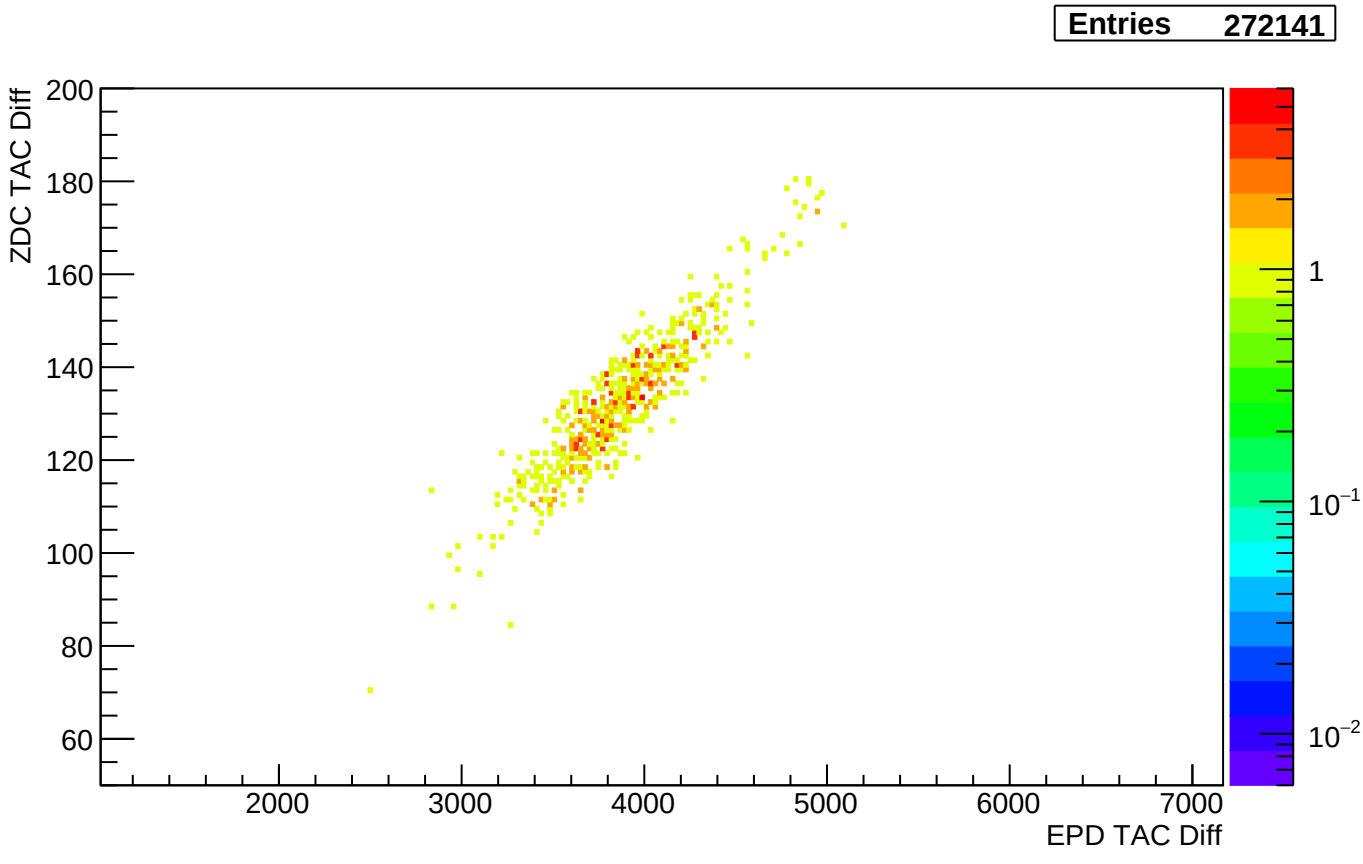

Entries 272141
TOF-Mult
BBC-S-West ADC Sum

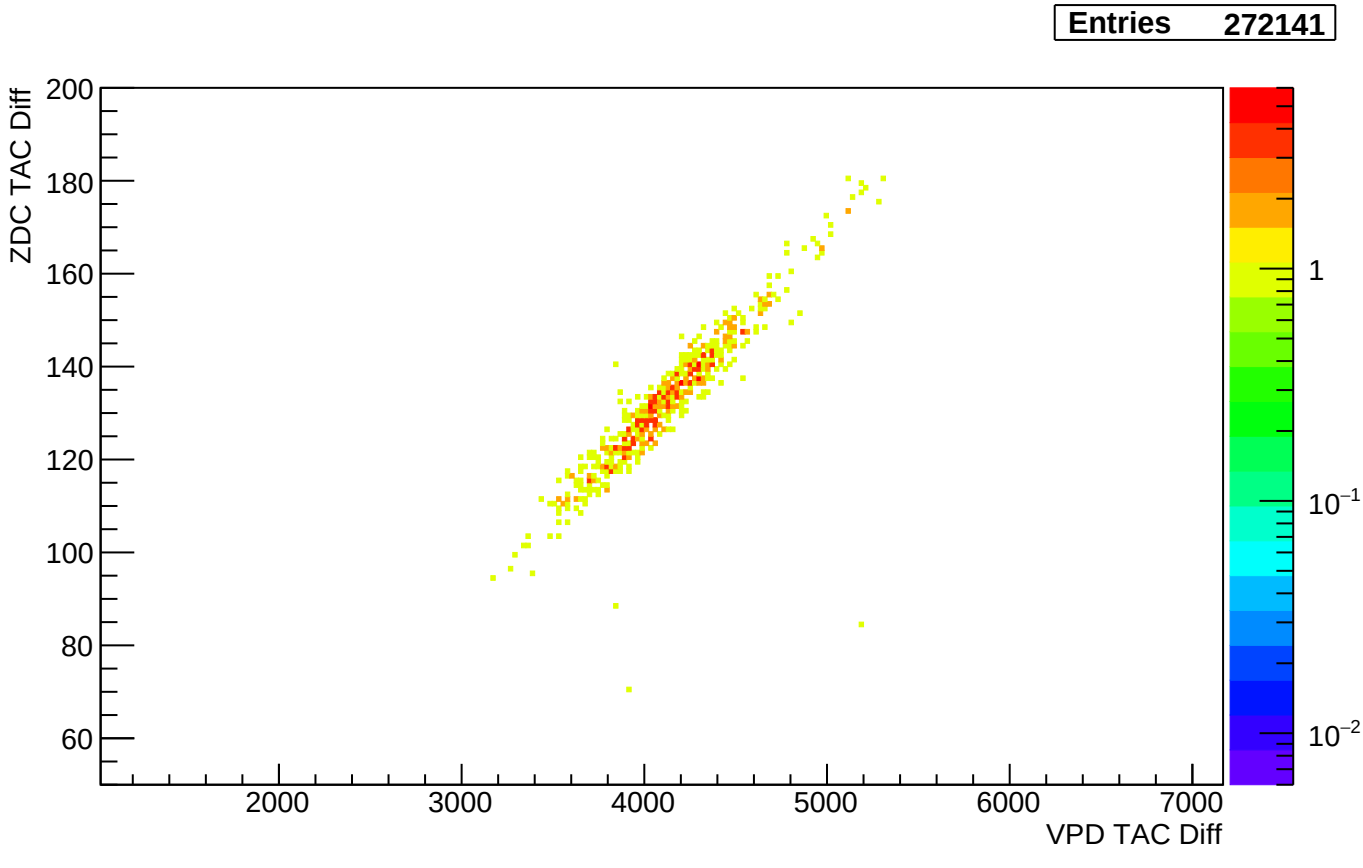

Entries 272141
TOF-Mult
EPD-East Hit Cnt

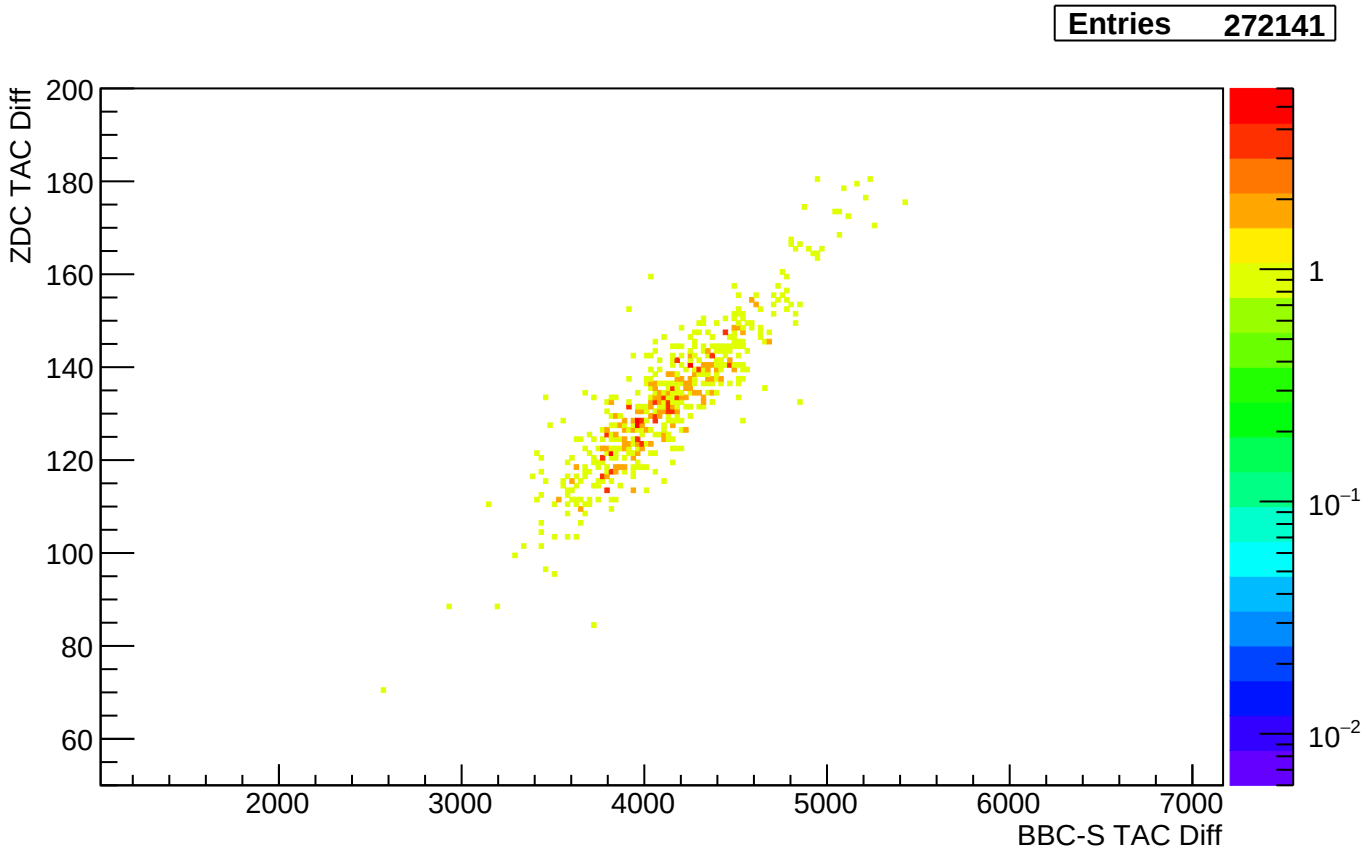

Entries 272141
TOF-Mult
EPD-West Hit Cnt

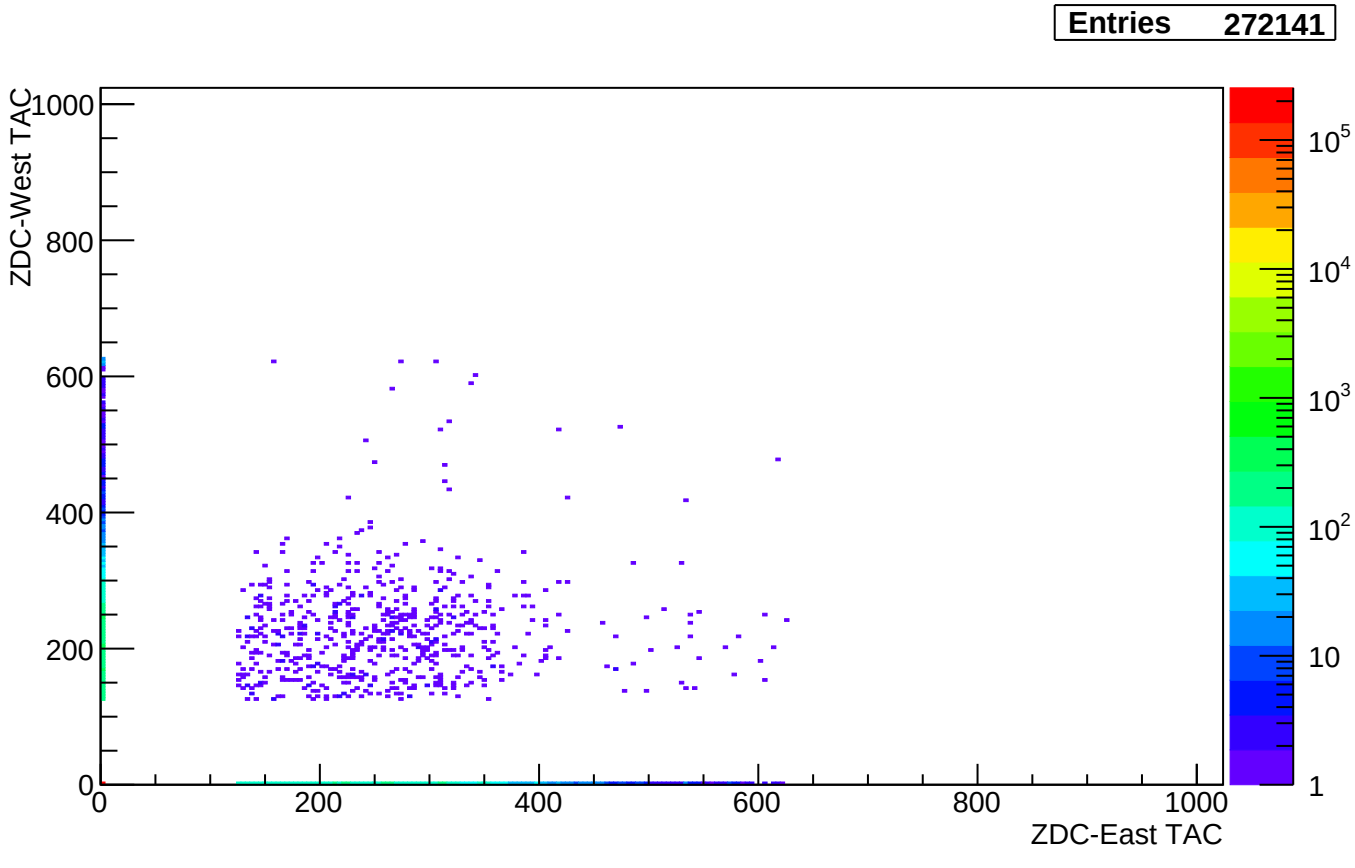

Entries 272141
TOF-Mult
VPD-East ADC Sum

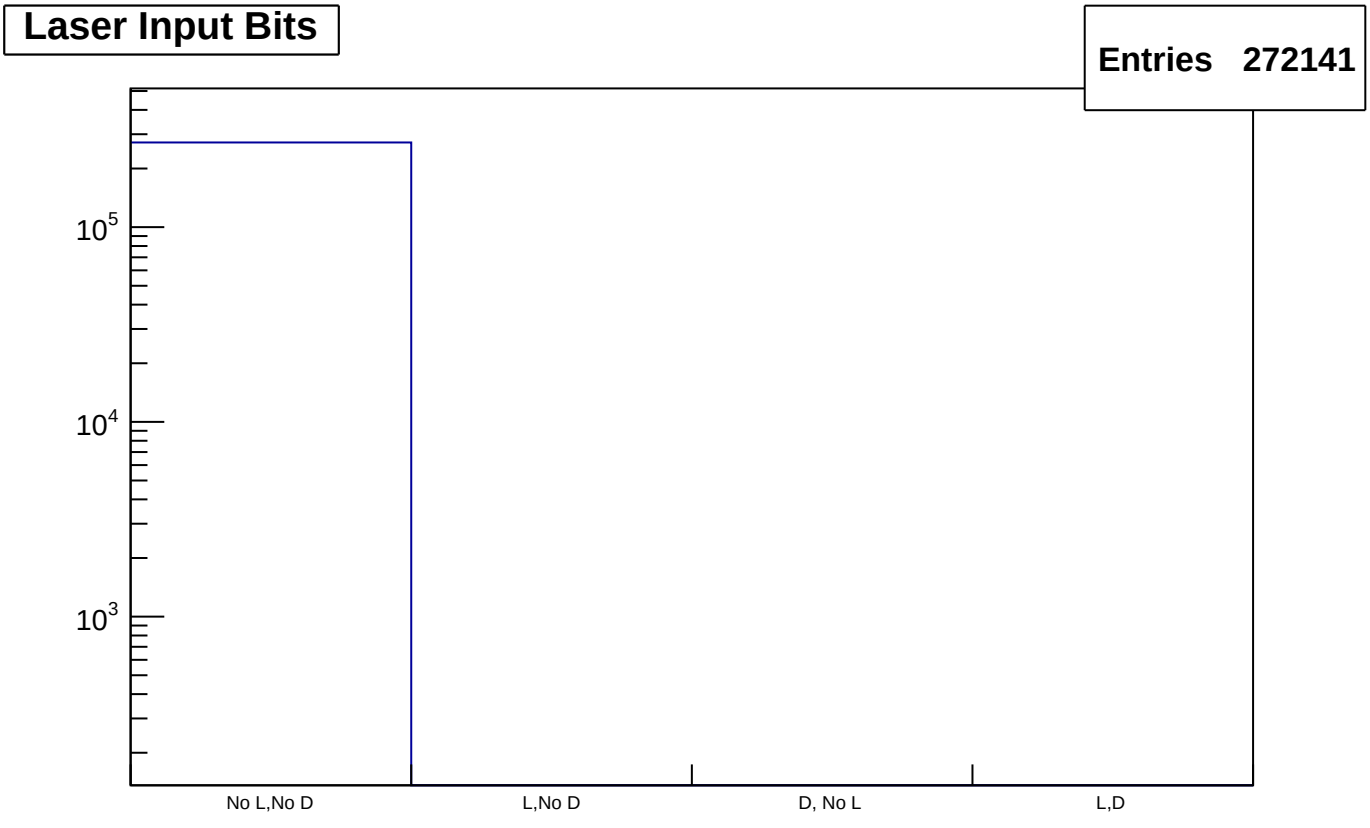

Entries 272141
TOF-Mult
VPD-West ADC Sum

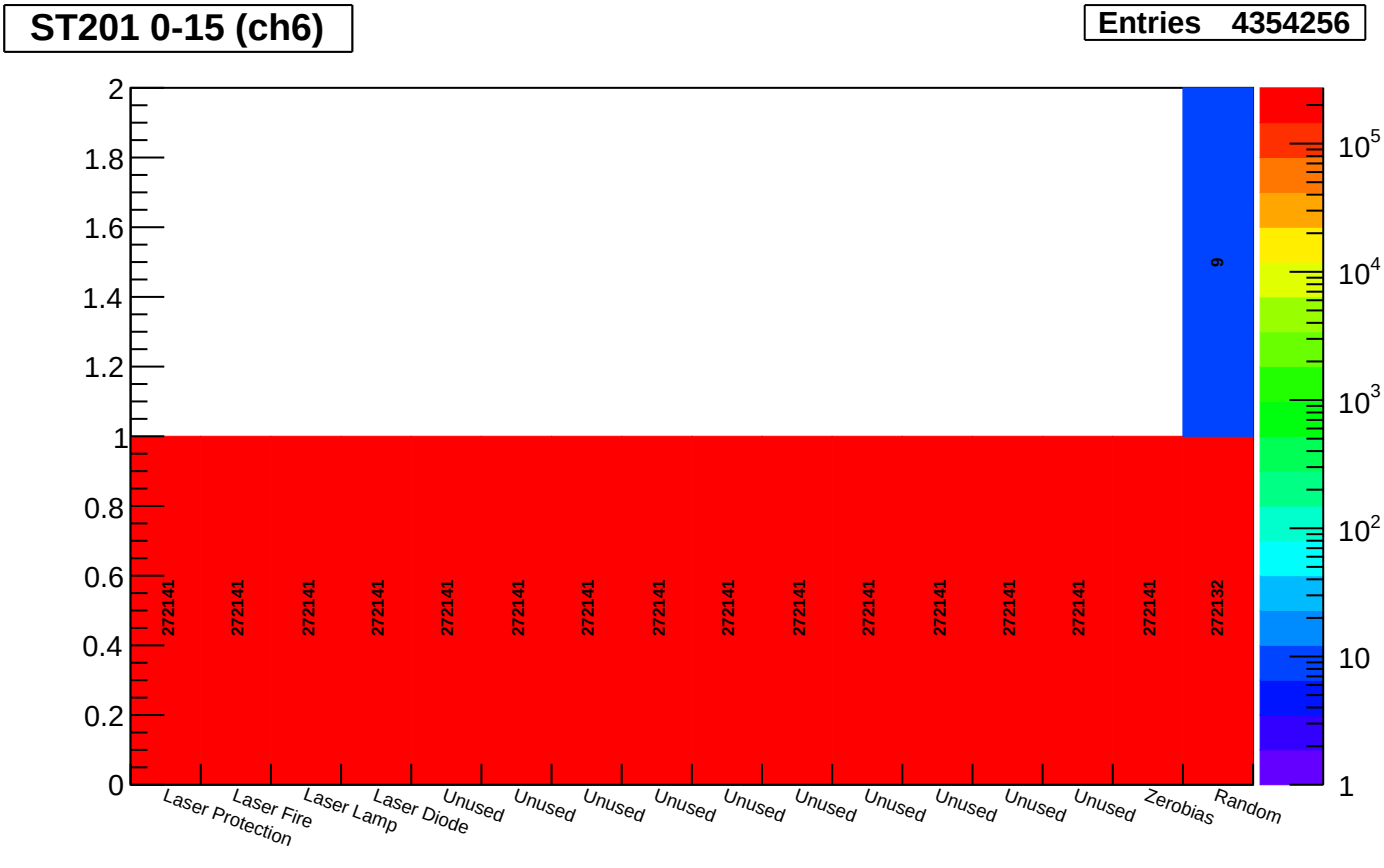

Entries 272141
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

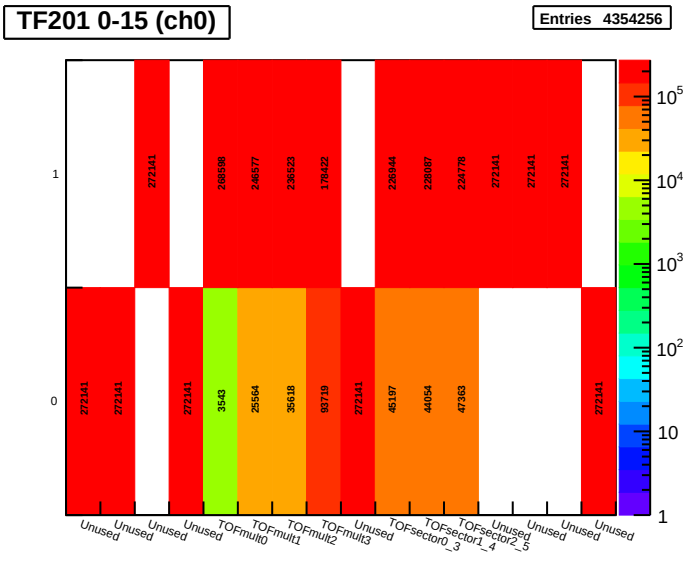

Entries 272141
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

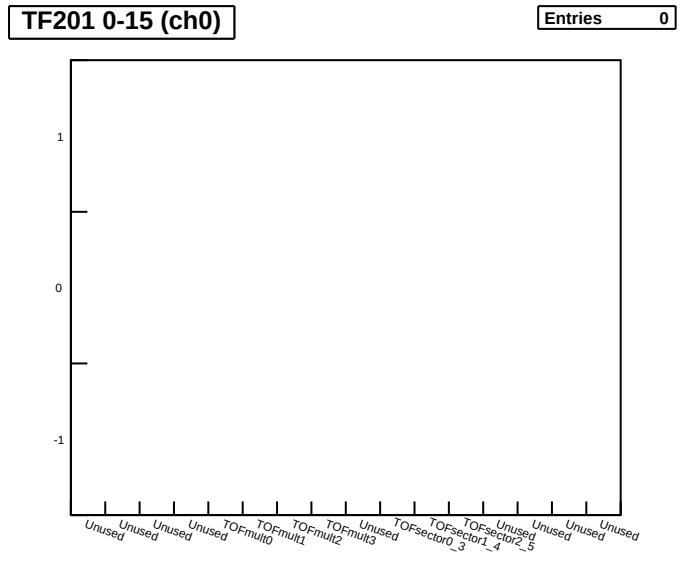

Entries 272141
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

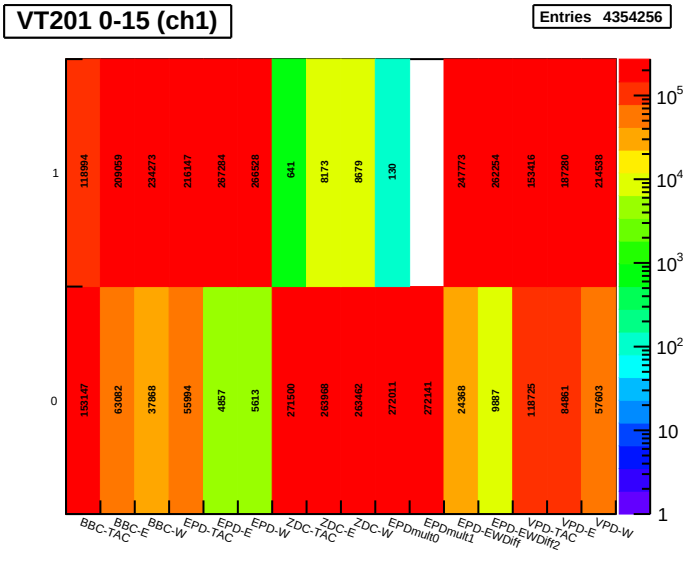

Entries 272141
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

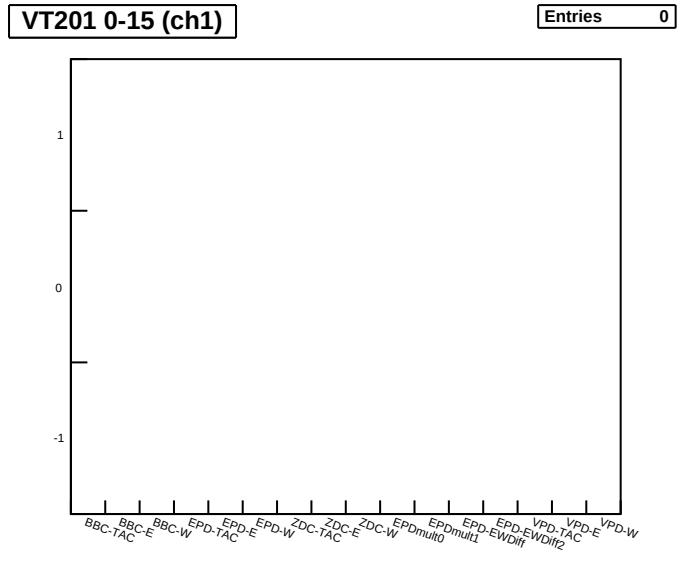

Laser Input Bits
Entries 272141
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

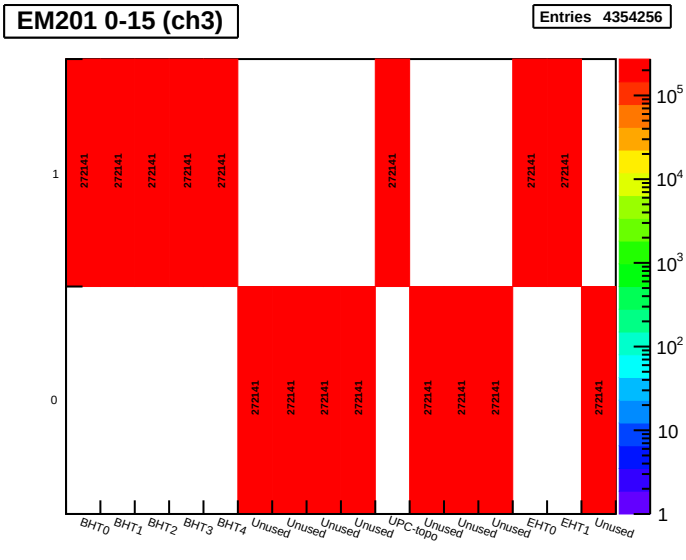

ST201 0-15 (ch6)
Entries 4354256
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
272141
272132
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

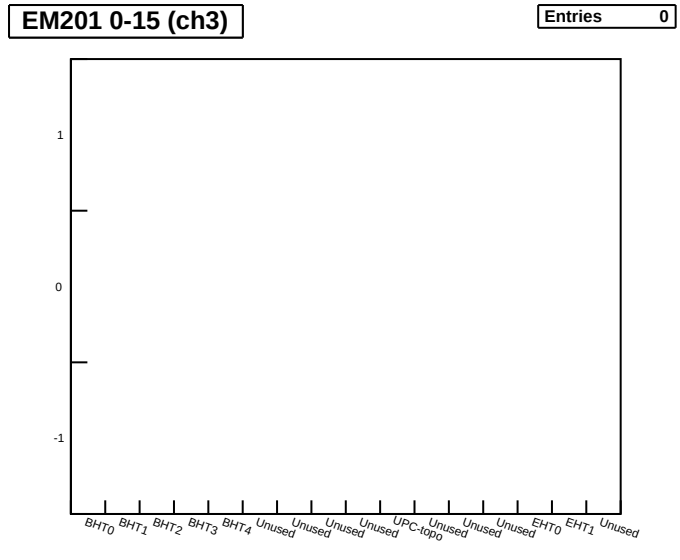

TF201 0-15 (ch0)
Entries 4354256
1
0
272141 272141 272141 272141 272141 272141 272141 272141 272141 272141 272141 272141 272141 272141 272141 272141
3543 25564 35618 93719 45197 44054 47363
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 4354256
1
0
118994 209059 234273 216147 267284 266528 641 8173 8679 130 247773 262254 153416 187280 214538
153147 63082 37868 55994 4857 5613 271500 263968 263462 272011 272141 24368 9887 118725 84861 57603
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 4354256
1
0
272141 272141 272141 272141 272141 272141 272141 272141 272141 272141 272141 272141 272141 272141 272141 272141
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