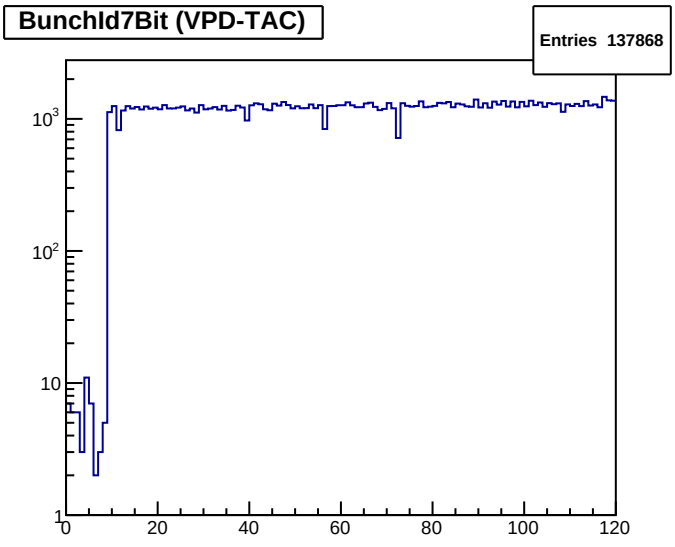
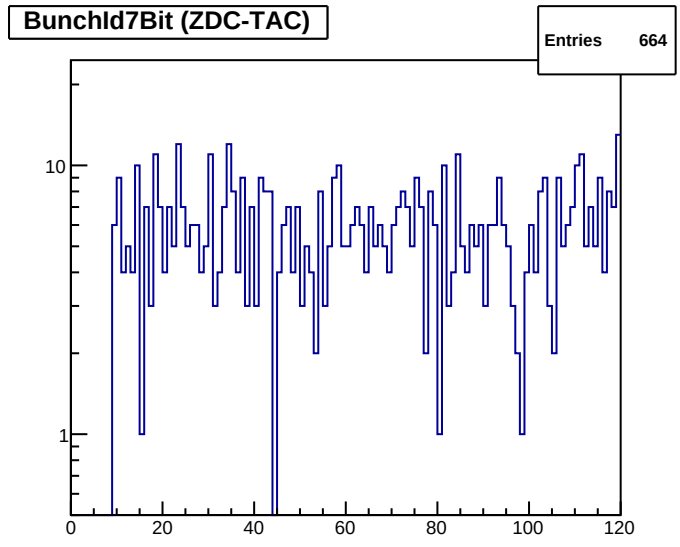
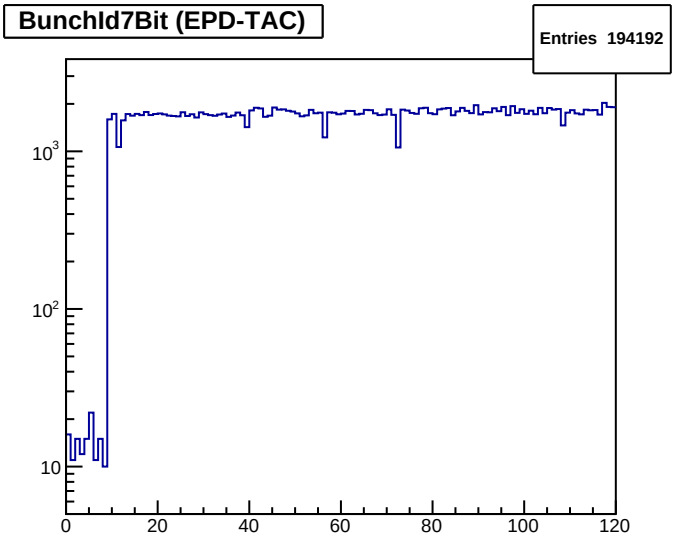
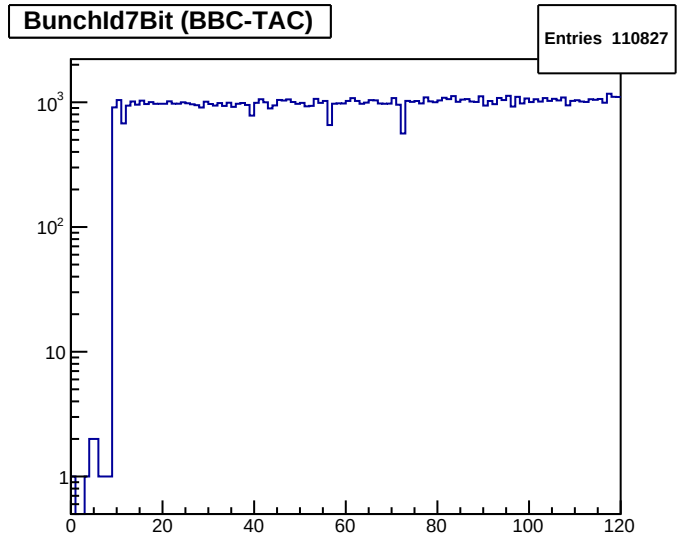
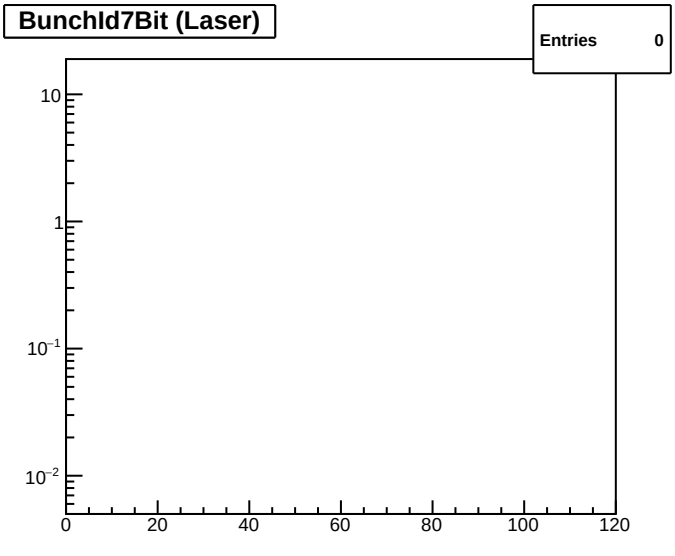
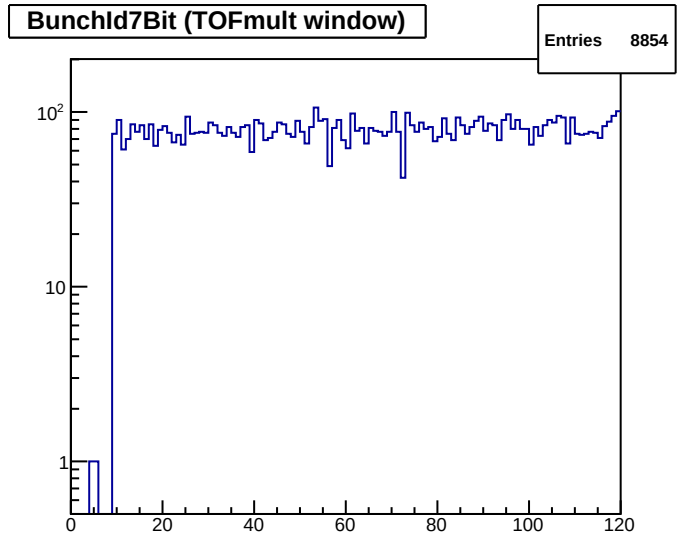

BunchId7Bit (VPD-TAC)
Entries 137868

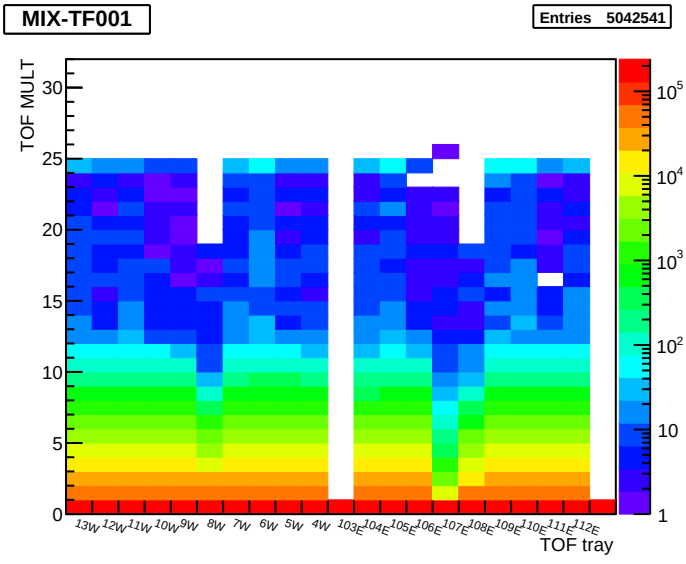

BunchId7Bit (ZDC-TAC)
Entries 664

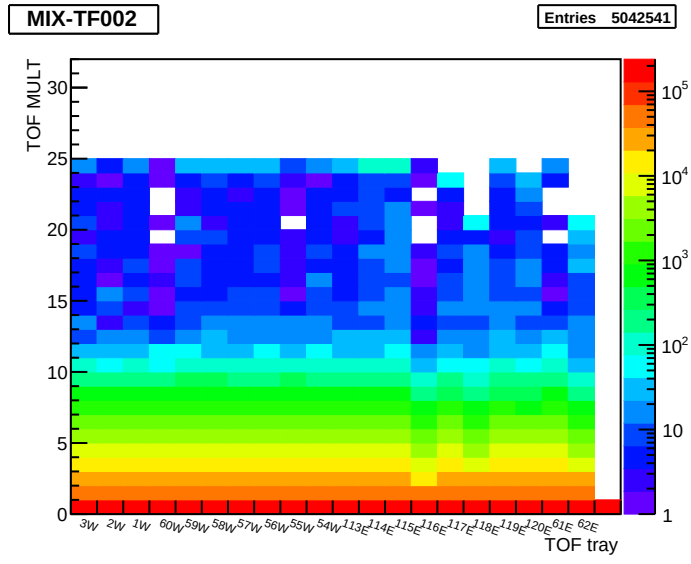

BunchId7Bit (EPD-TAC)
Entries 194192

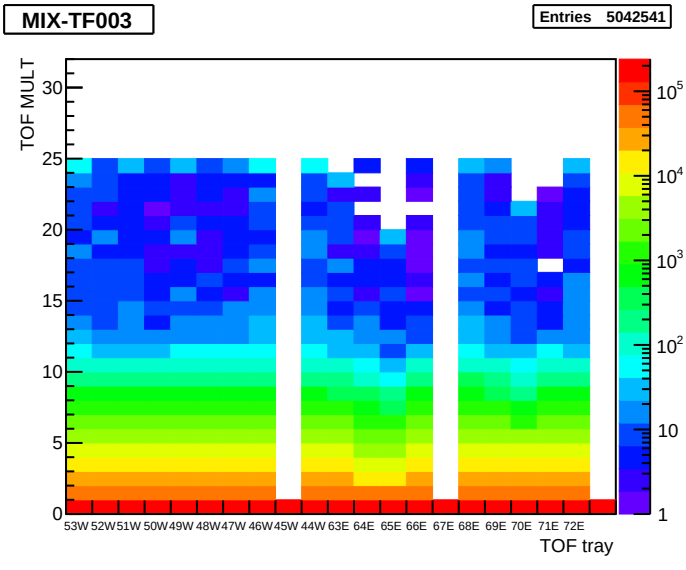

BunchId7Bit (BBC-TAC)
Entries 110827

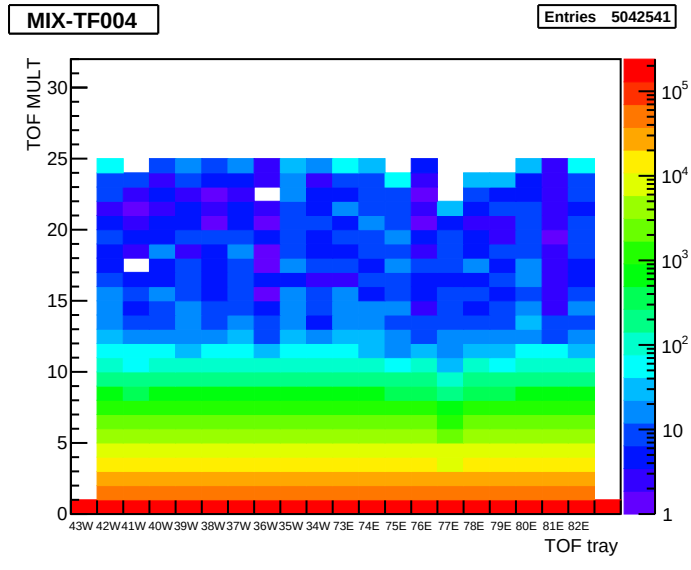

BunchId7Bit (Laser)
Entries 0

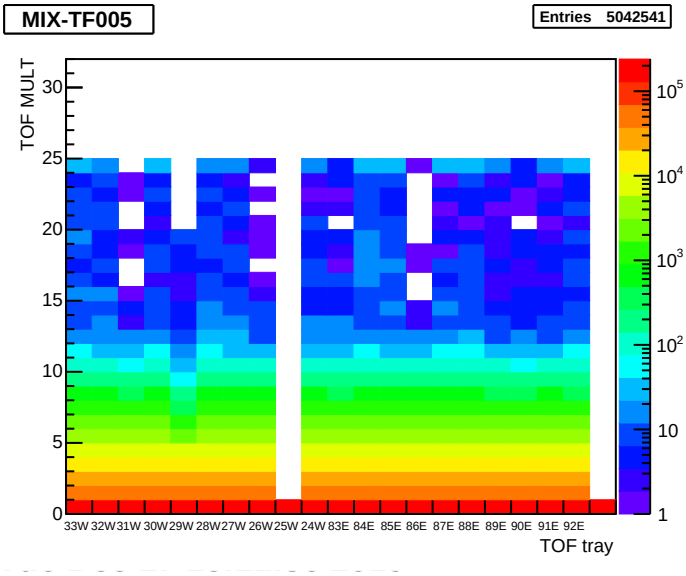

BunchId7Bit (TOFmult window)
Entries 8854

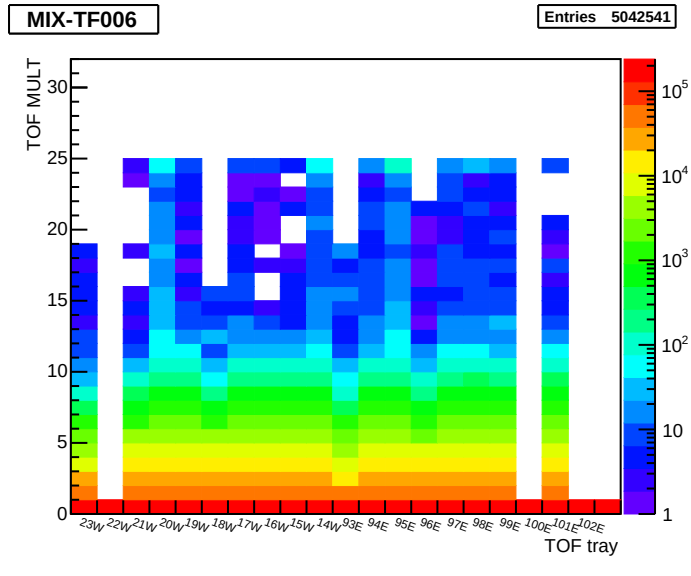

MIX-TF001
Entries 5042541
TOF MULT
TOF tray

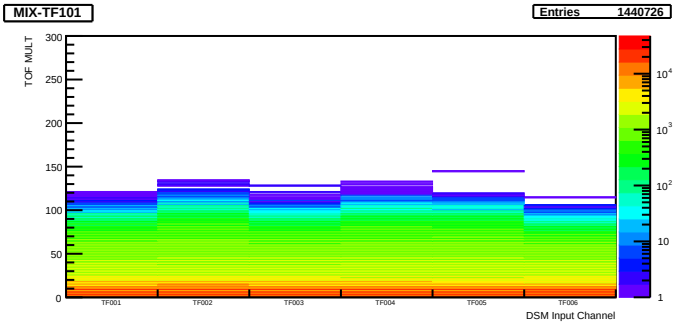

MIX-TF002
Entries 5042541
TOF MULT
TOF tray

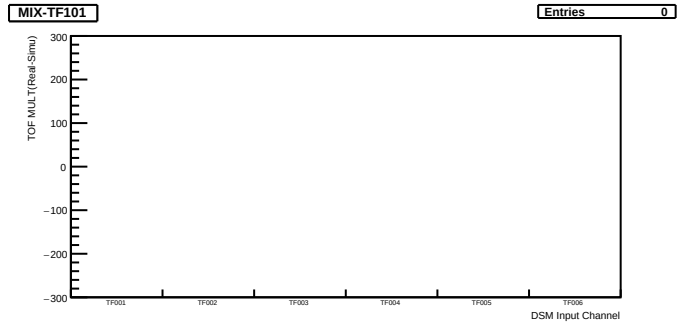

MIX-TF003
Entries 5042541
TOF MULT
TOF tray

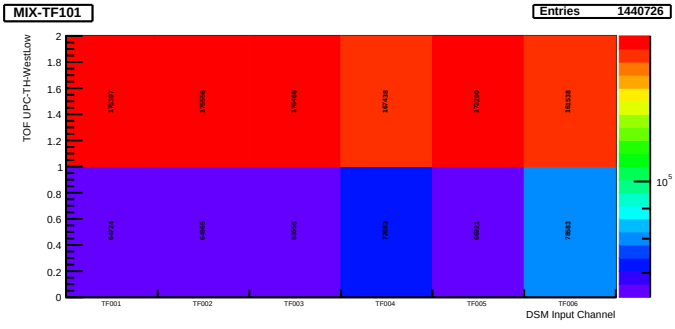

MIX-TF004
Entries 5042541
TOF MULT
TOF tray

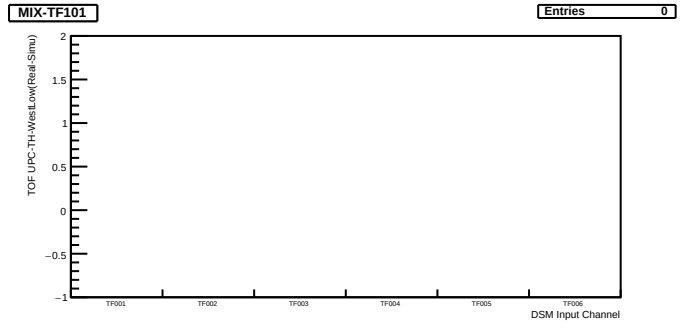

MIX-TF005
Entries 5042541
TOF MULT
TOF tray

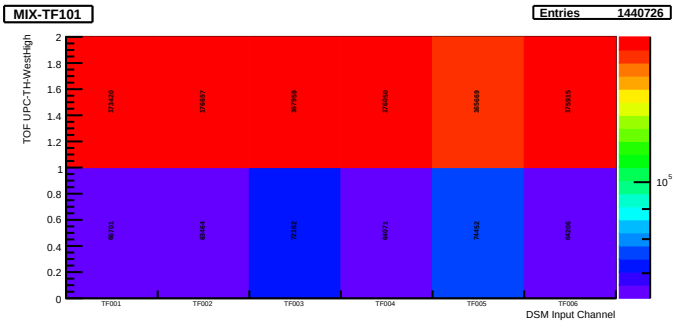

MIX-TF006
Entries 5042541
TOF MULT
TOF tray

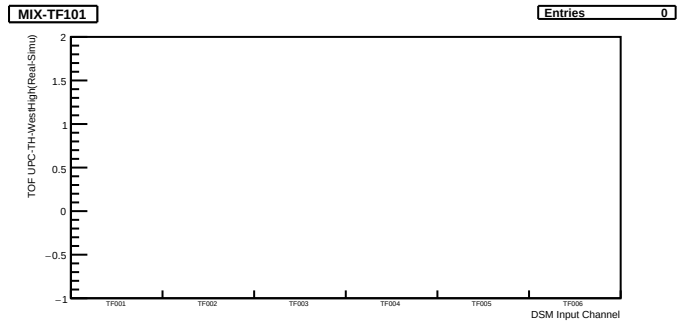

MIX-TF101
Entries 1440726
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

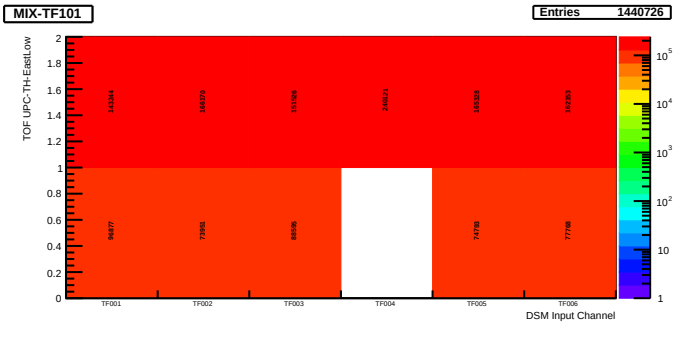

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

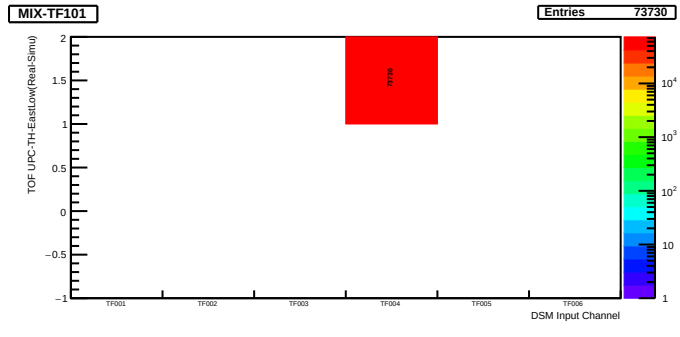

MIX-TF101
Entries 1440726
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

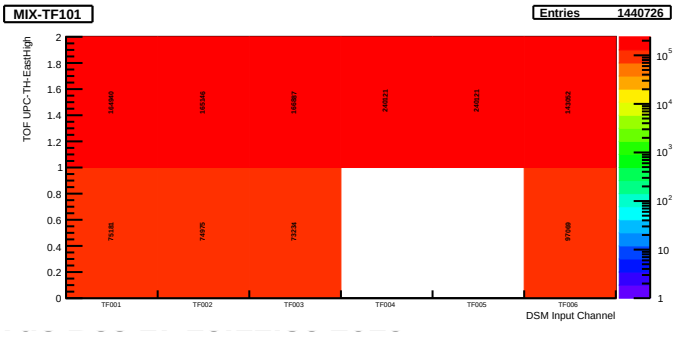

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

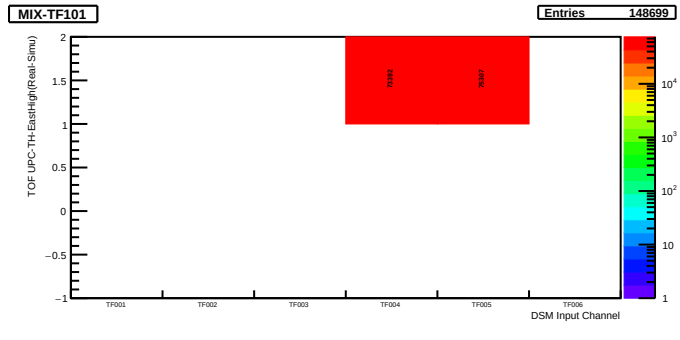

MIX-TF101
Entries 1440726
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

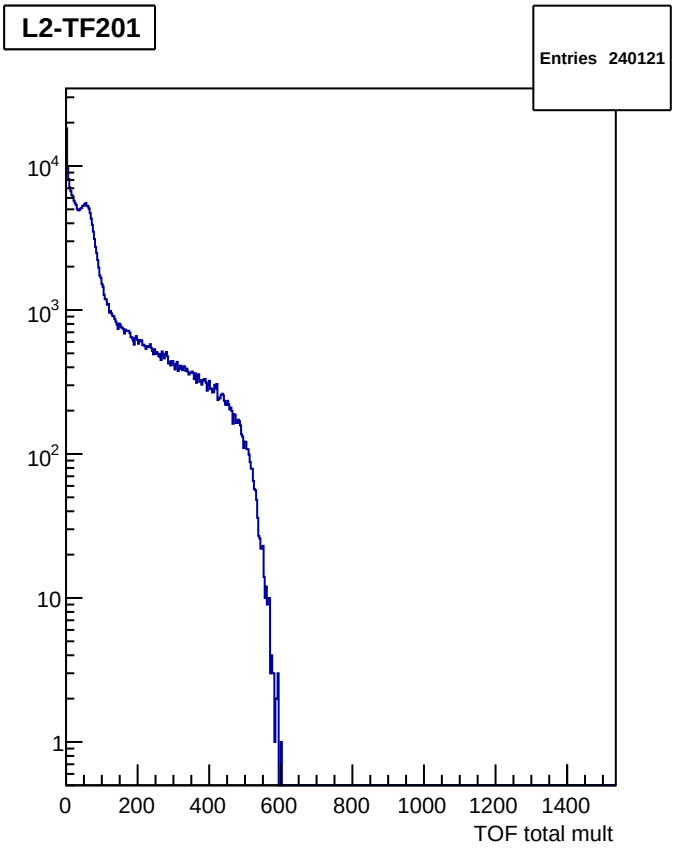

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

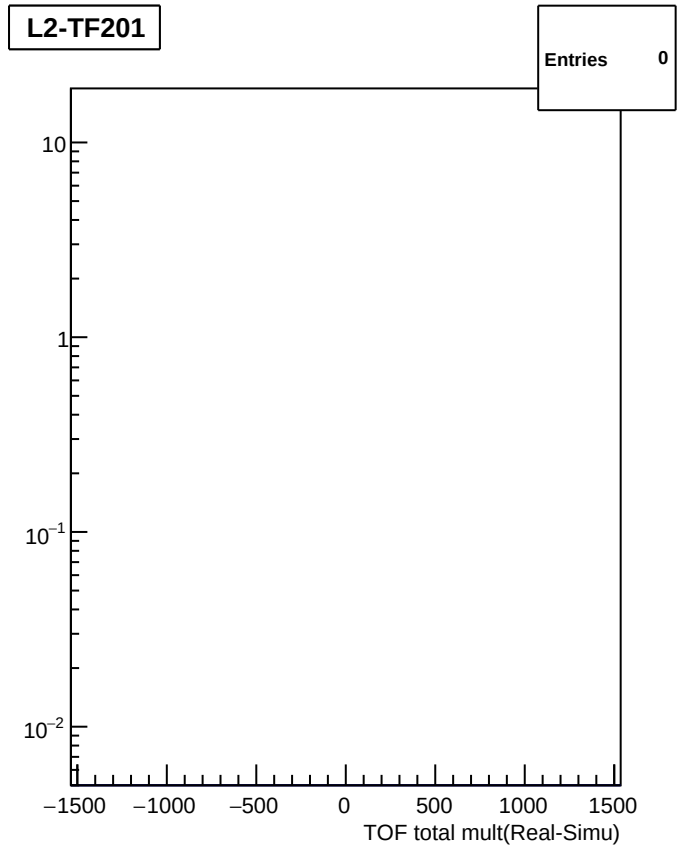

MIX-TF101
Entries 1440726
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

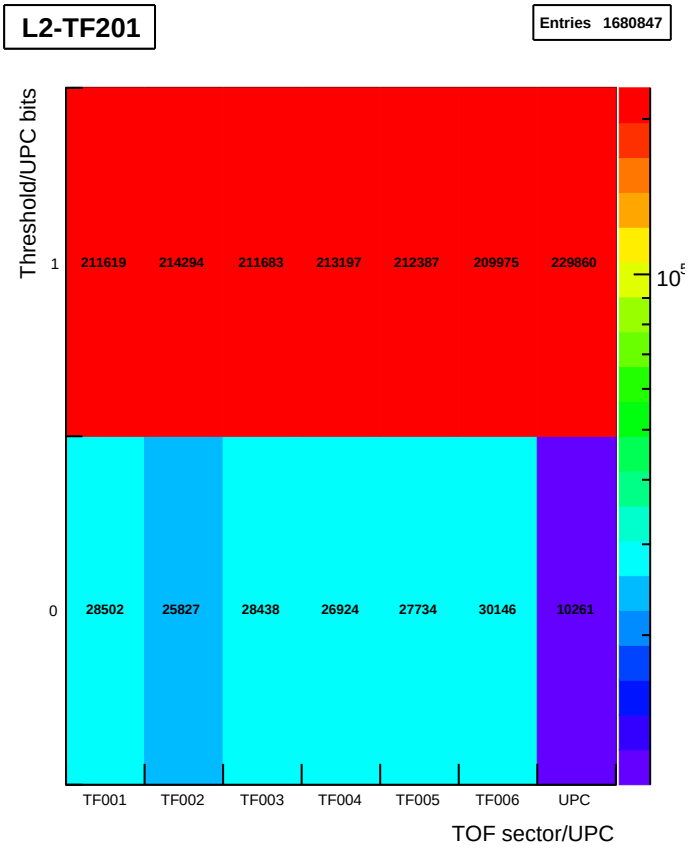

MIX-TF101
Entries 73730
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

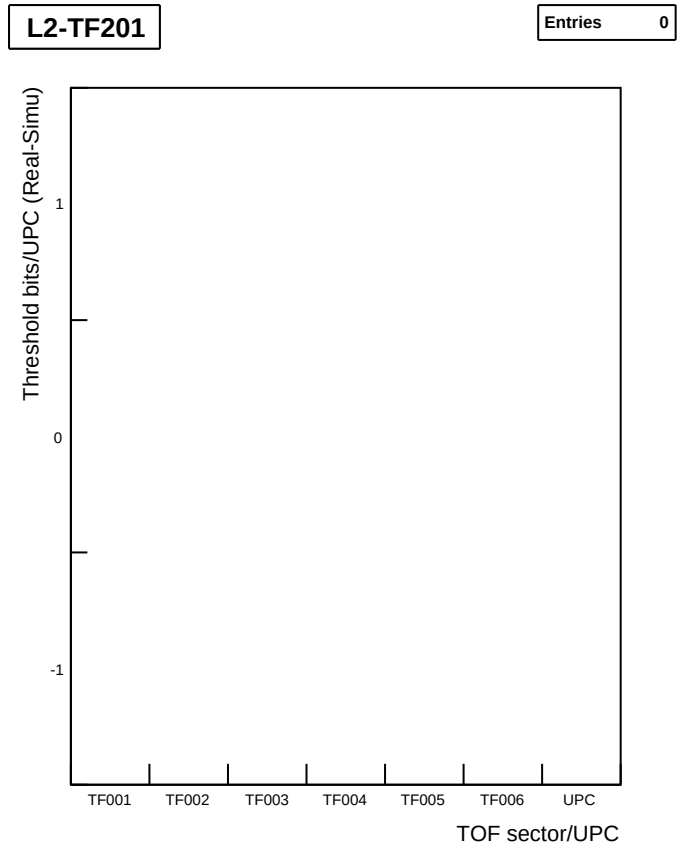

MIX-TF101
Entries 1440726
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

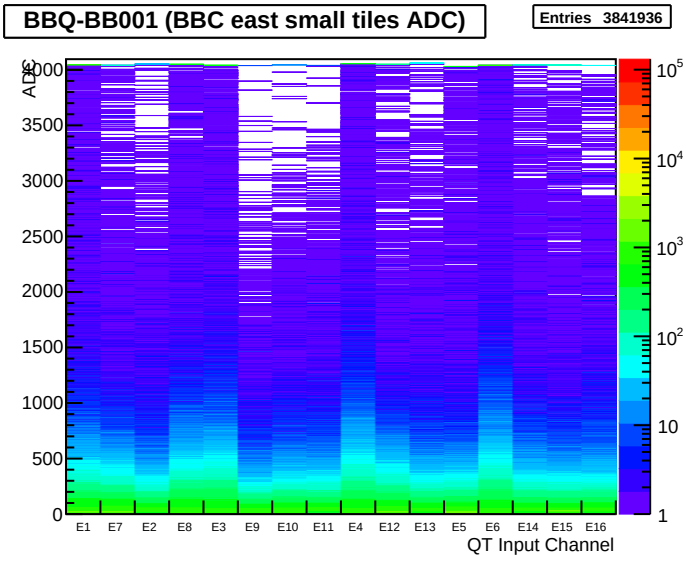

MIX-TF101
Entries 148699
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

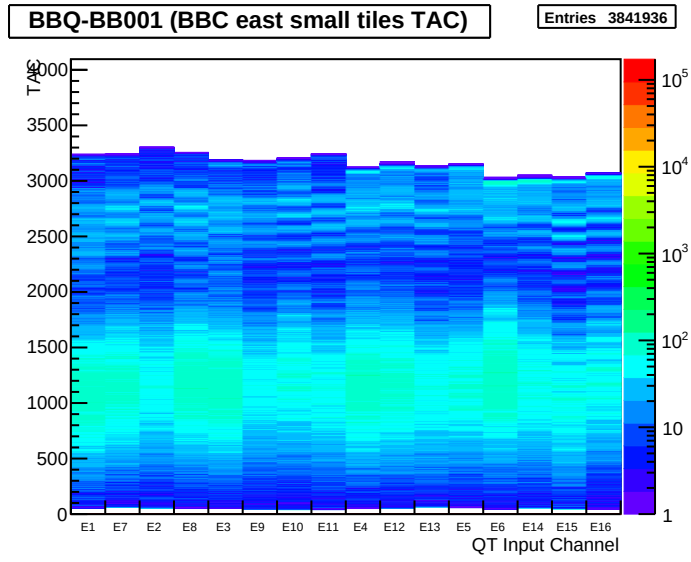

L2-TF201
Entries 240121
TOF total mult

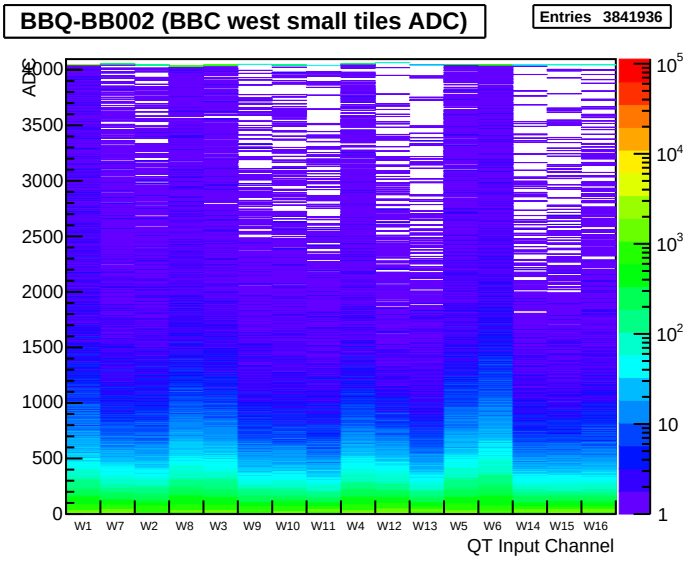

L2-TF201
Entries 0
TOF total mult(Real-Simu)

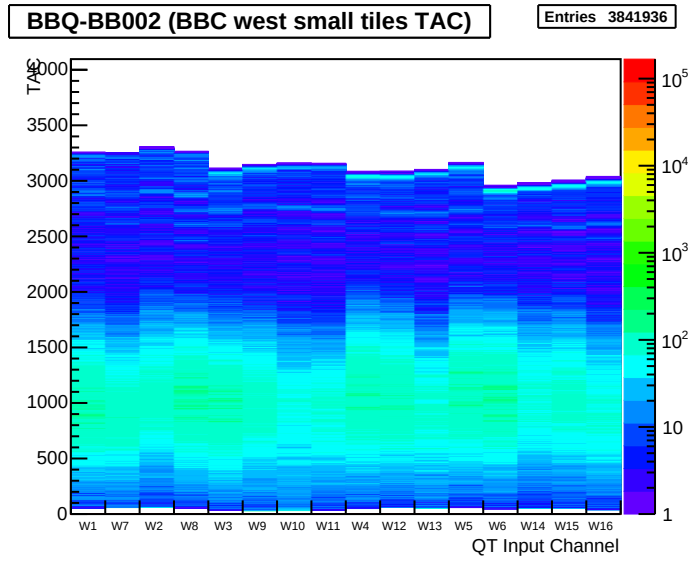

L2-TF201
Entries 1680847
Threshold/UPC bits
211619
214294
211683
213197
212387
209975
229860
28502
25827
28438
26924
27734
30146
10261
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

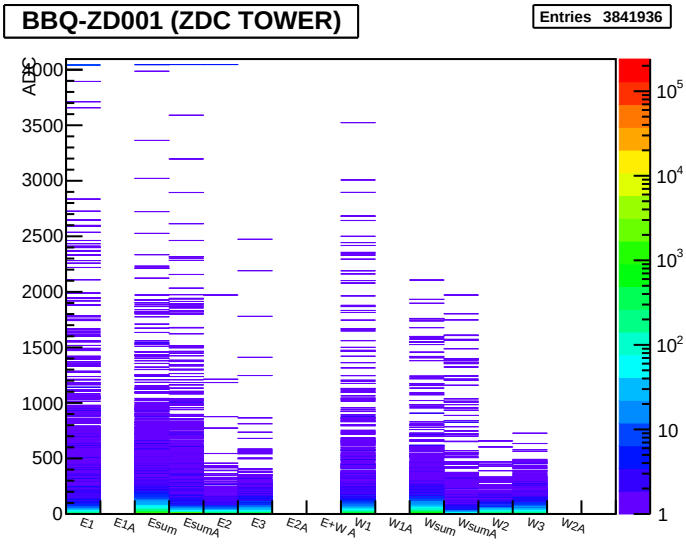

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

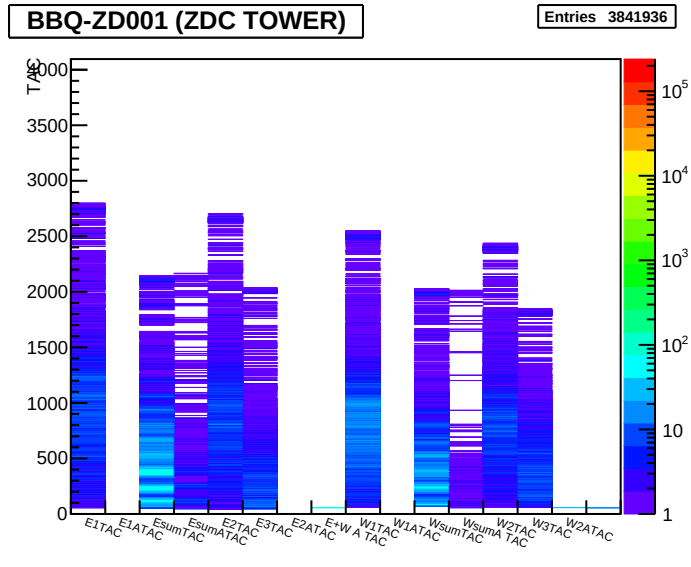

BBQ-BB001 (BBC east small tiles ADC)
Entries 3841936
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

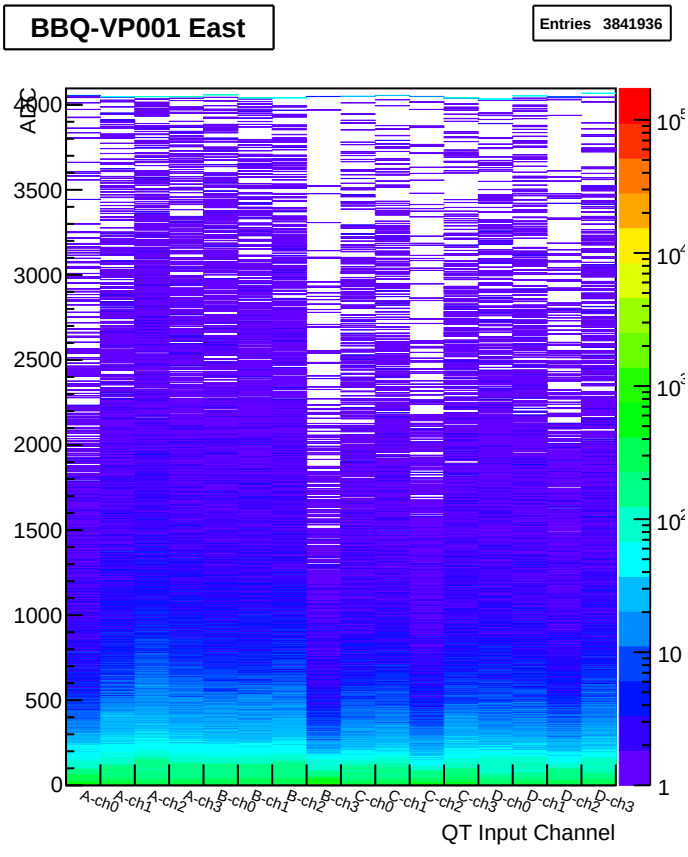

BBQ-BB001 (BBC east small tiles TAC)
Entries 3841936
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

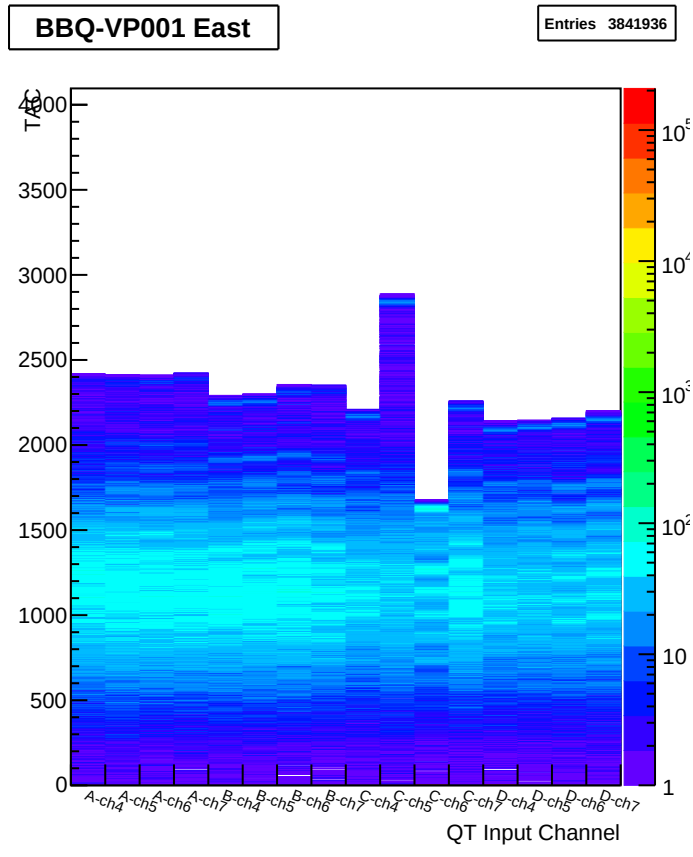

BBQ-BB002 (BBC west small tiles ADC)
Entries 3841936
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

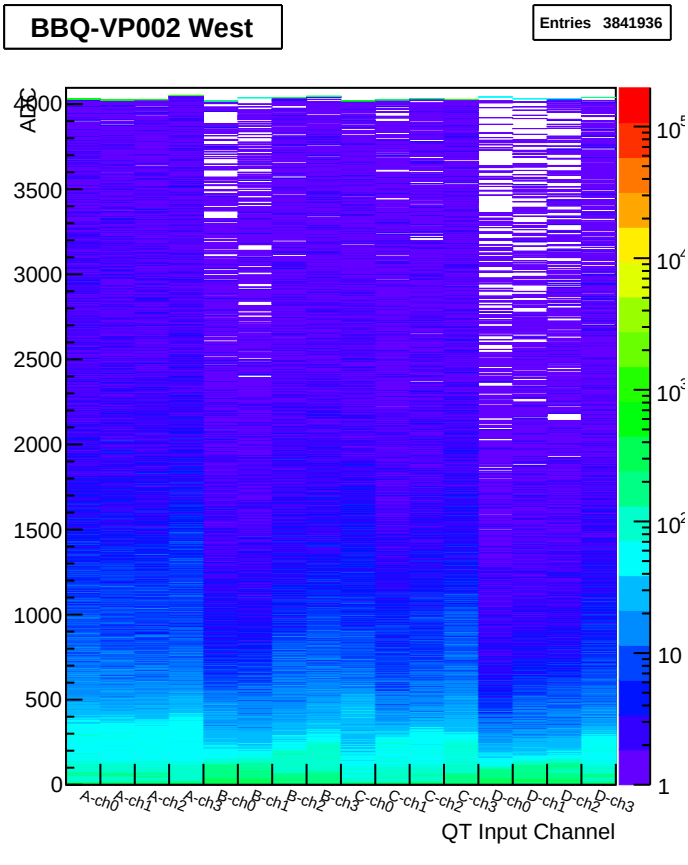

BBQ-BB002 (BBC west small tiles TAC)
Entries 3841936
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

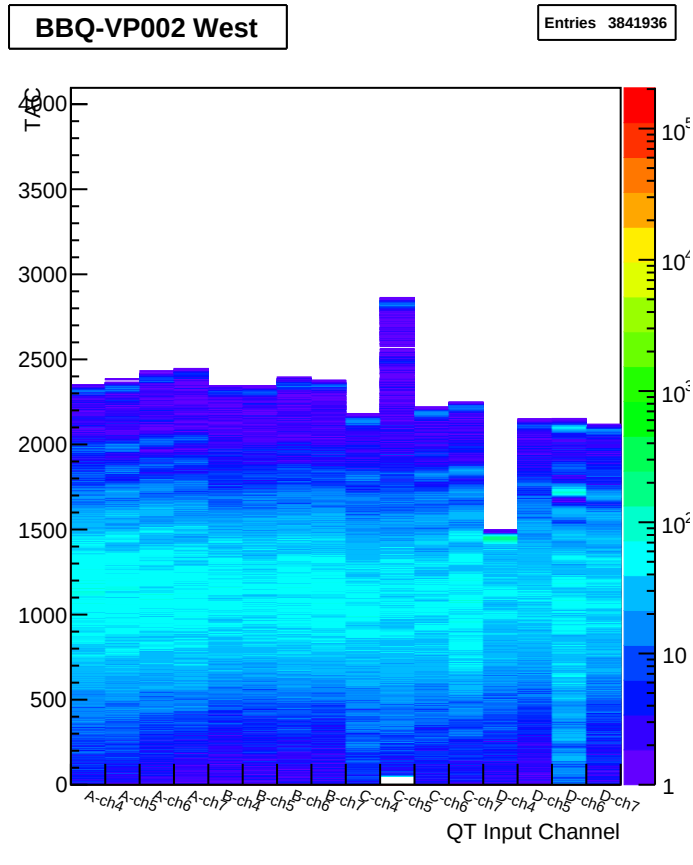

BBQ-ZD001 (ZDC TOWER)
Entries 3841936
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

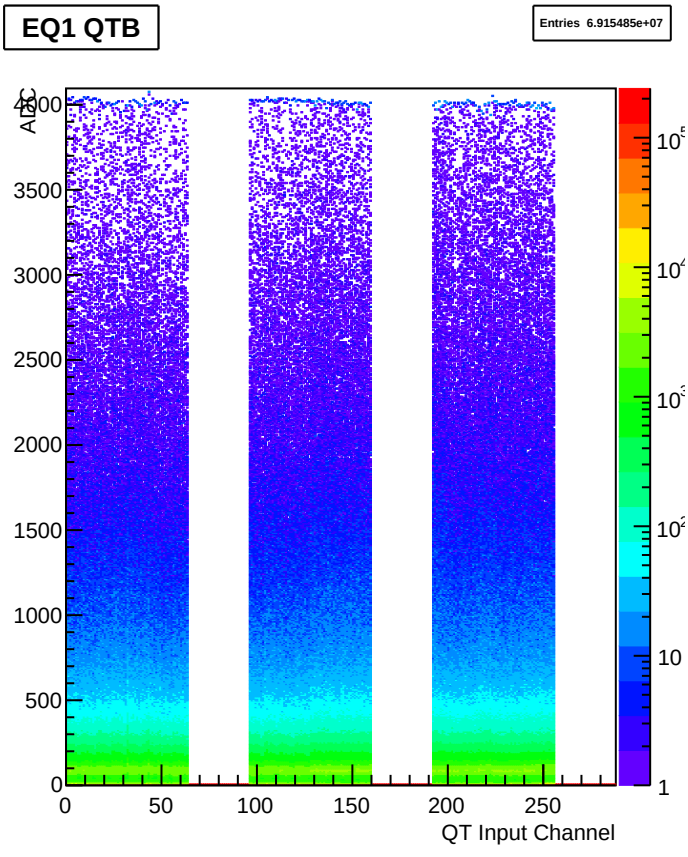

BBQ-ZD001 (ZDC TOWER)
Entries 3841936
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

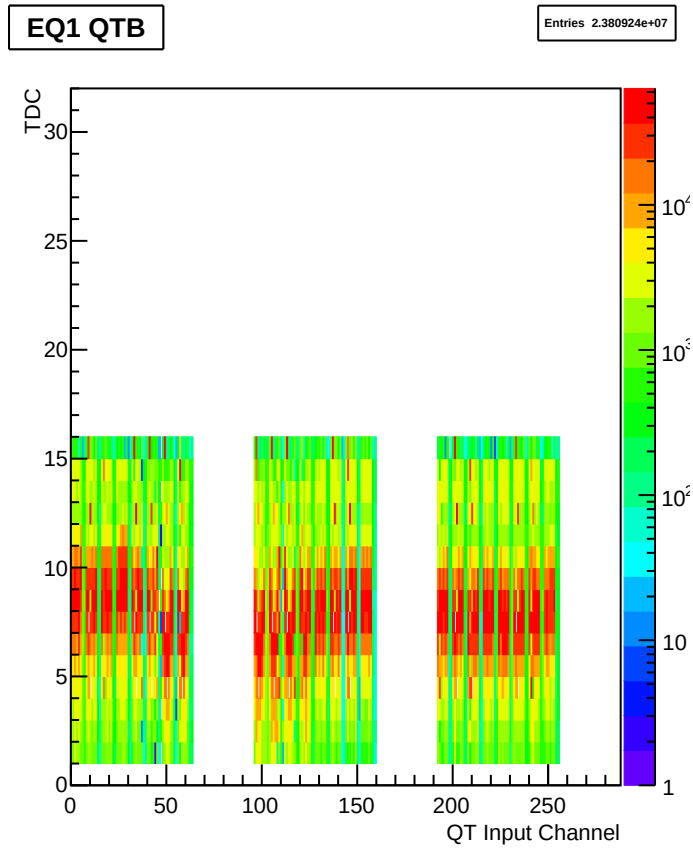

BBQ-VP001 East
Entries 3841936
ADC
QT Input Channel

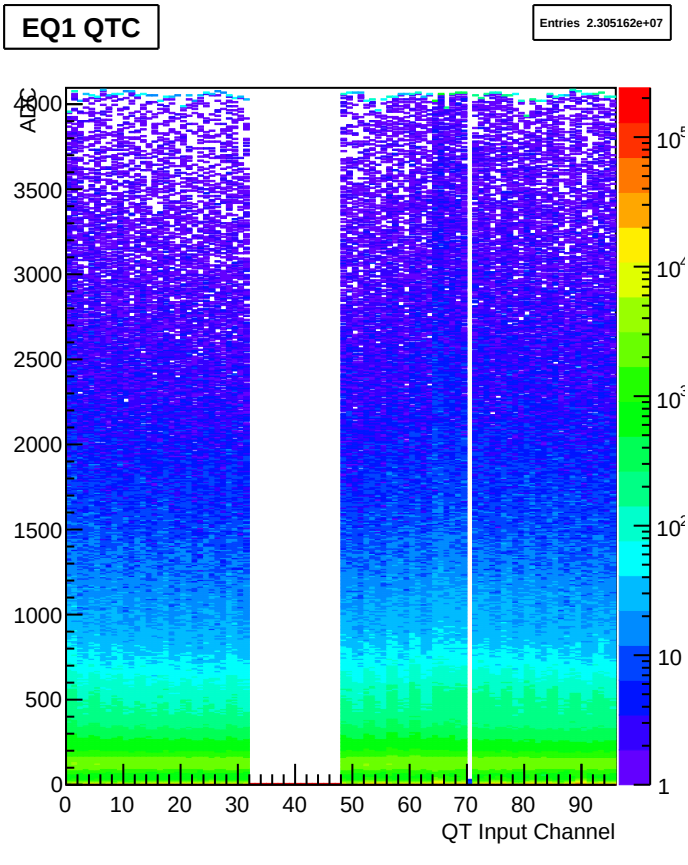

BBQ-VP001 East
Entries 3841936
TADC
QT Input Channel

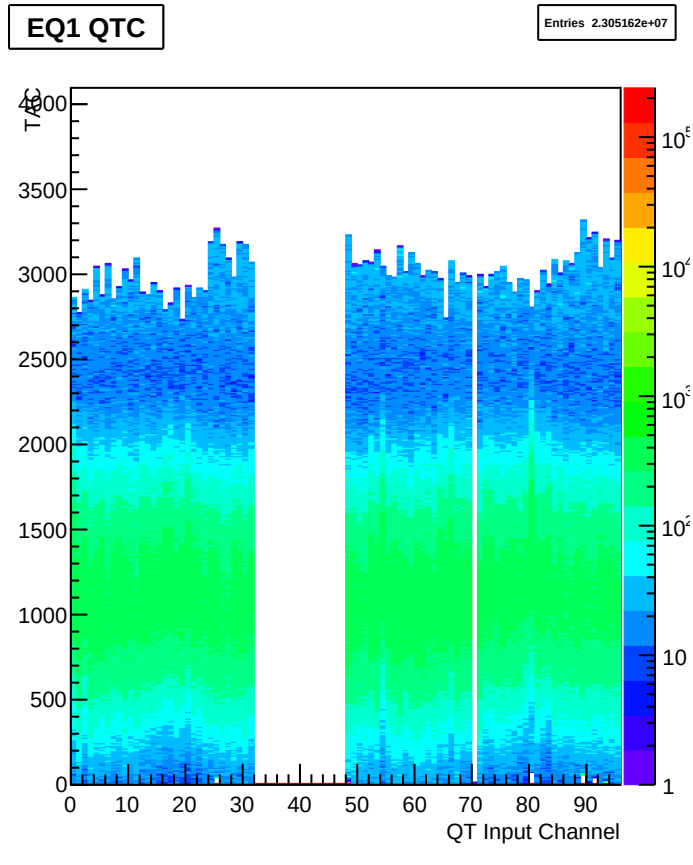

BBQ-VP002 West
Entries 3841936
ADC
QT Input Channel

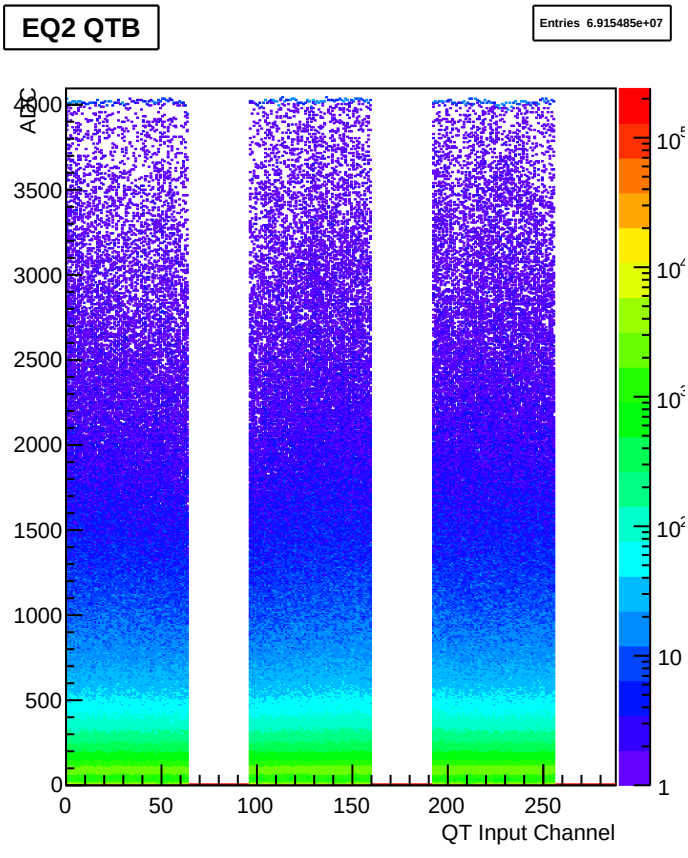

BBQ-VP002 West
Entries 3841936
TADC
QT Input Channel

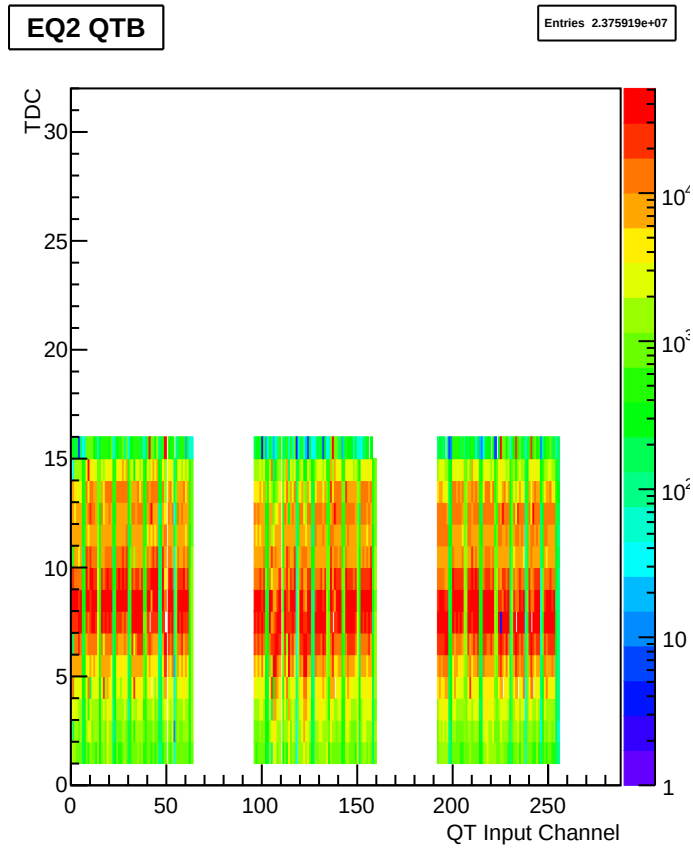

EQ1 QTB
Entries 6.915485e+07
ADC
QT Input Channel

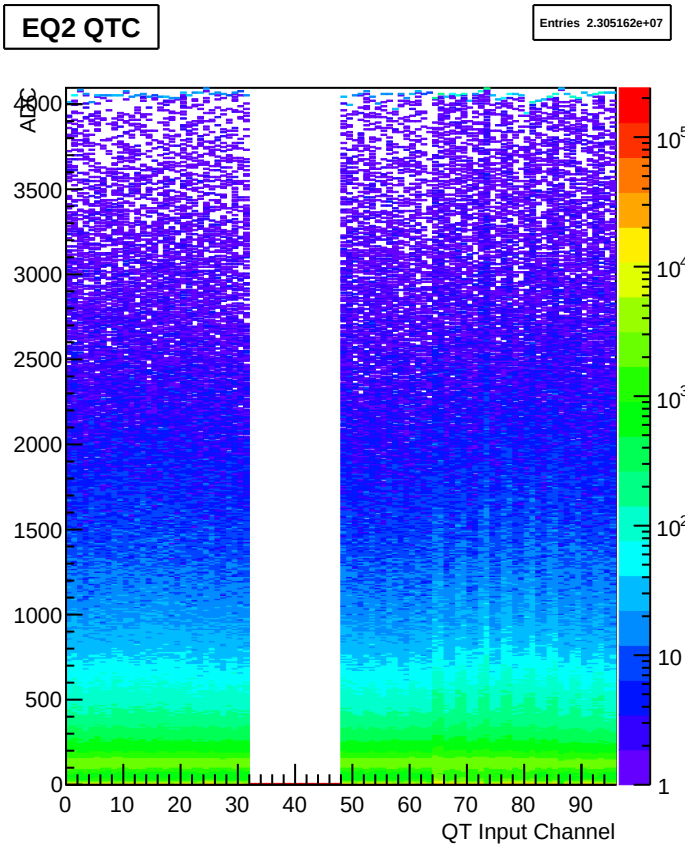

EQ1 QTB
Entries 2.380924e+07
TDC
QT Input Channel

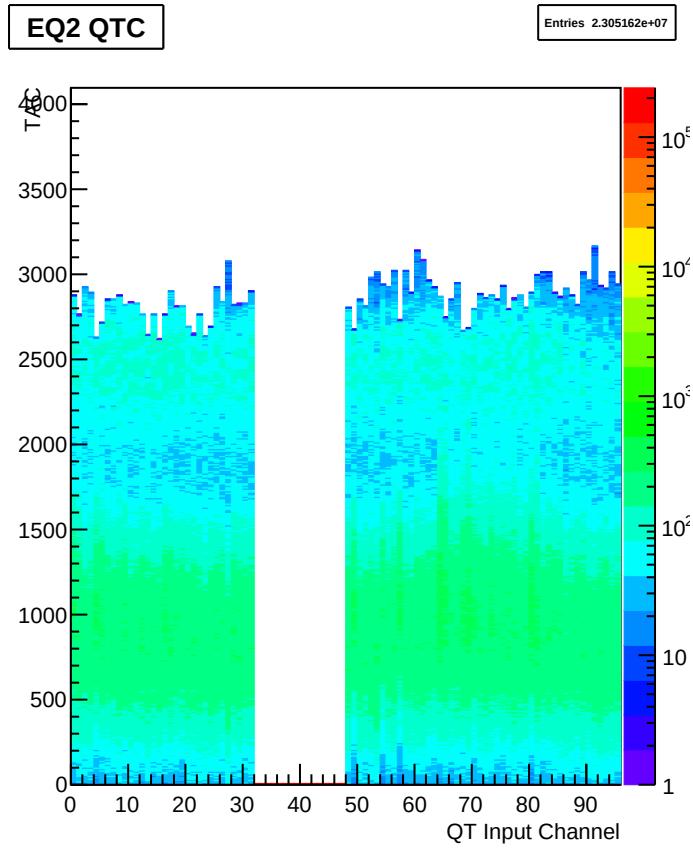

EQ1 QTC
Entries 2.305162e+07
ADC
QT Input Channel

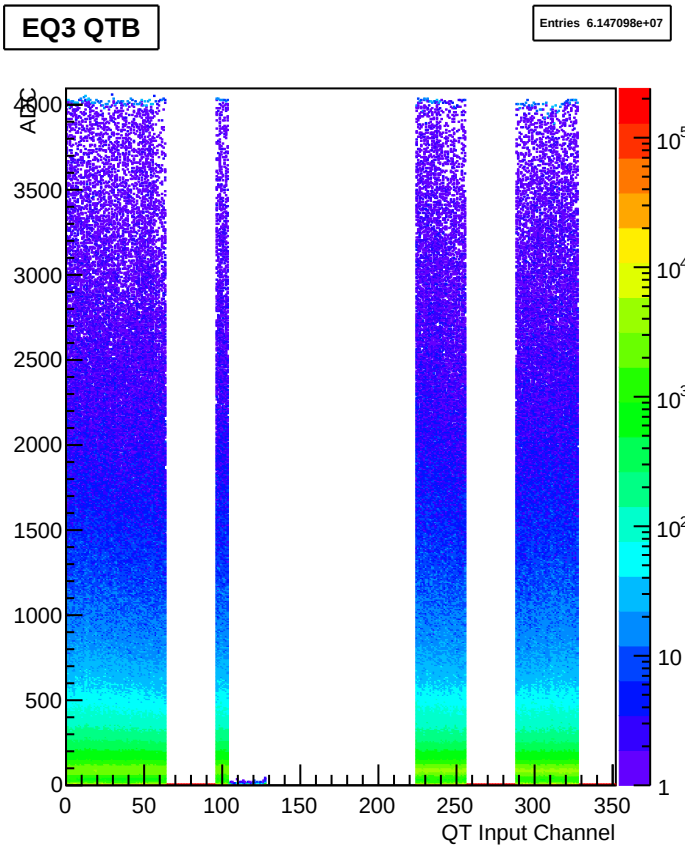

EQ1 QTC
Entries 2.305162e+07
TADC
QT Input Channel

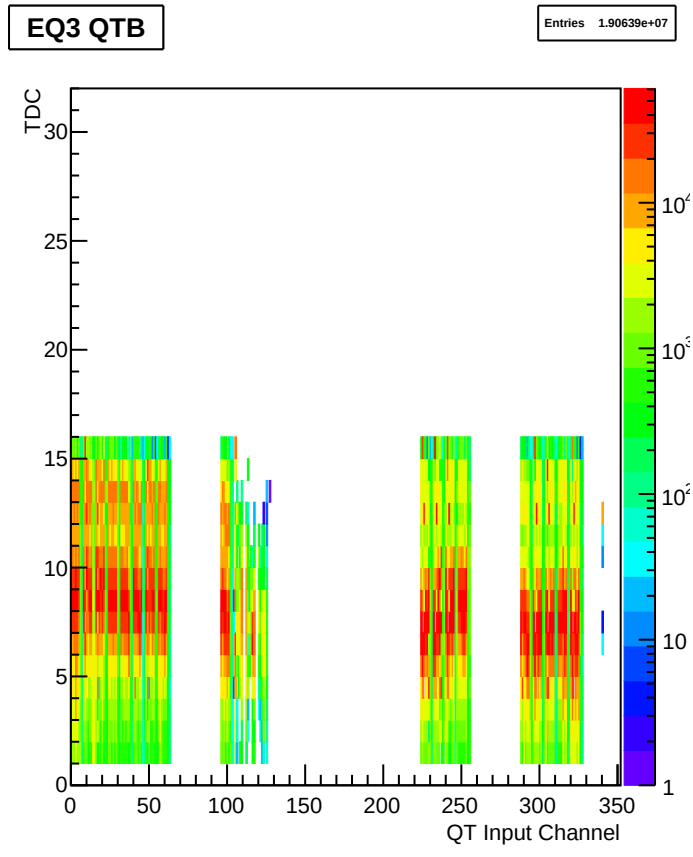

EQ2 QTB
Entries 6.915485e+07
ADC
QT Input Channel

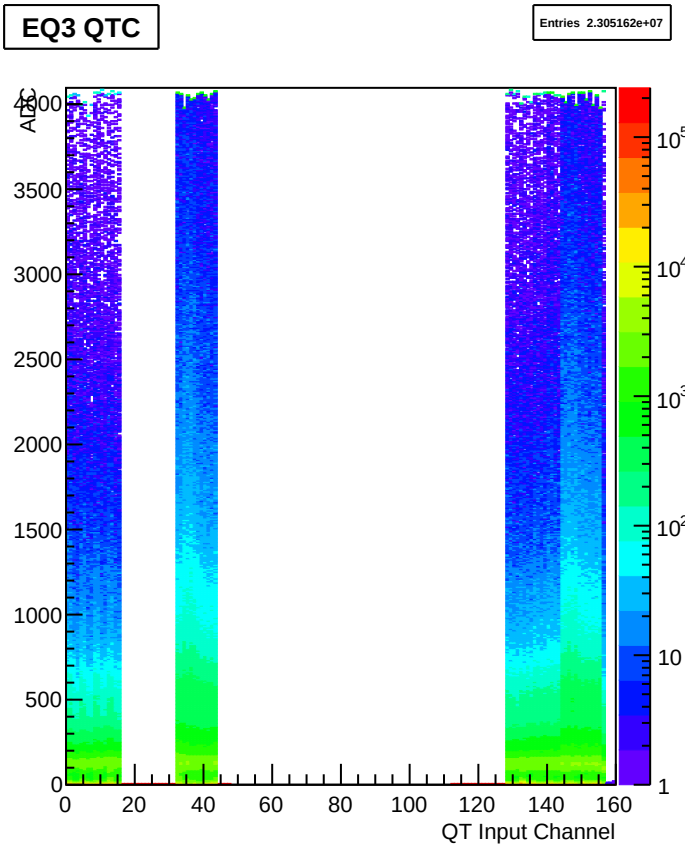

EQ2 QTB
Entries 2.375919e+07
TDC
QT Input Channel

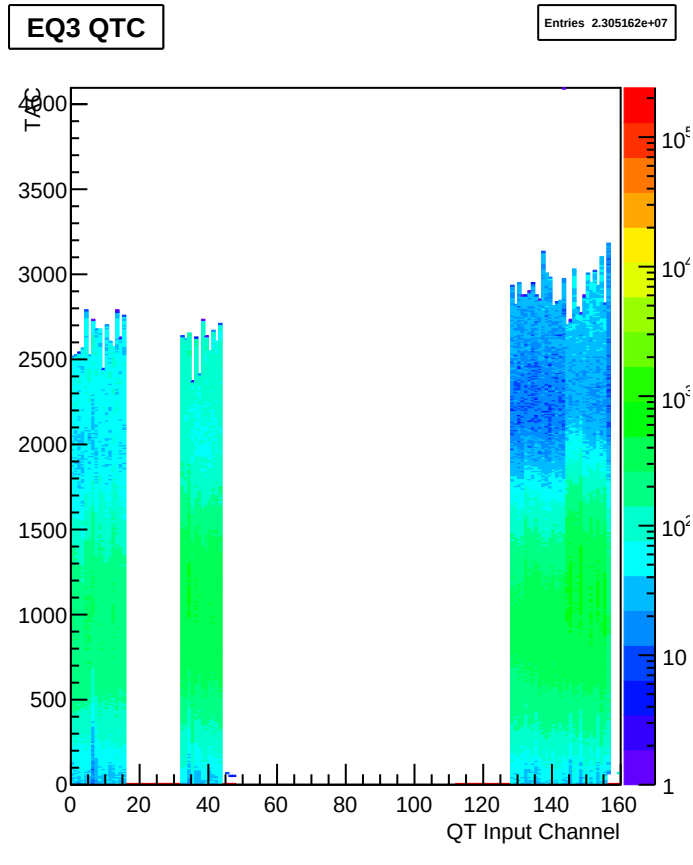

EQ2 QTC
Entries 2.305162e+07
ADC
QT Input Channel

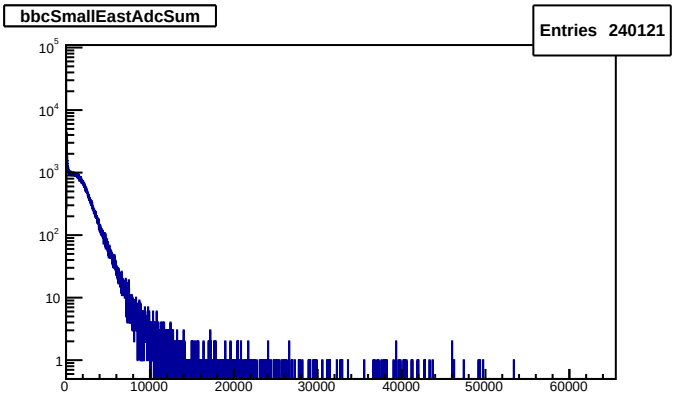

EQ2 QTC
Entries 2.305162e+07
TADC
QT Input Channel

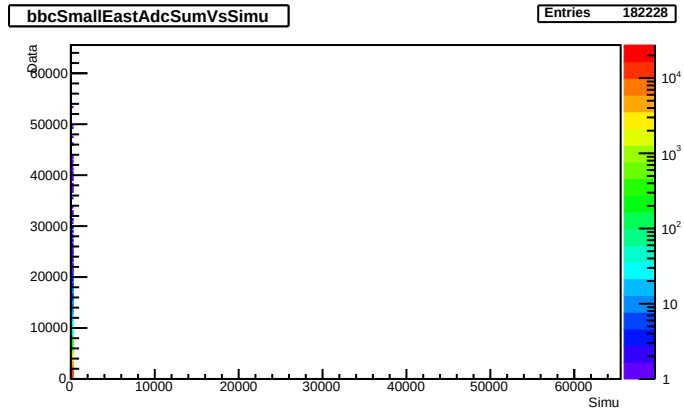

EQ3 QTB
Entries 6.147098e+07
ADC
QT Input Channel

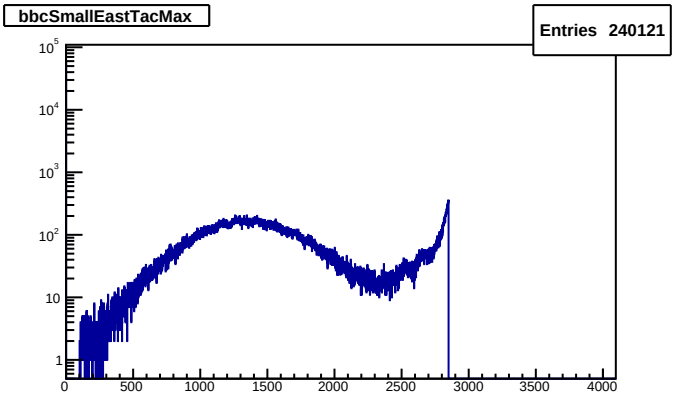

EQ3 QTB
Entries 1.90639e+07
TDC
QT Input Channel

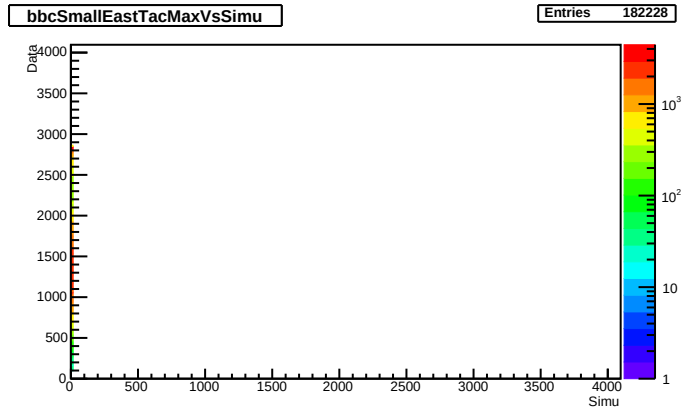

EQ3 QTC
Entries 2.305162e+07
ADC
QT Input Channel

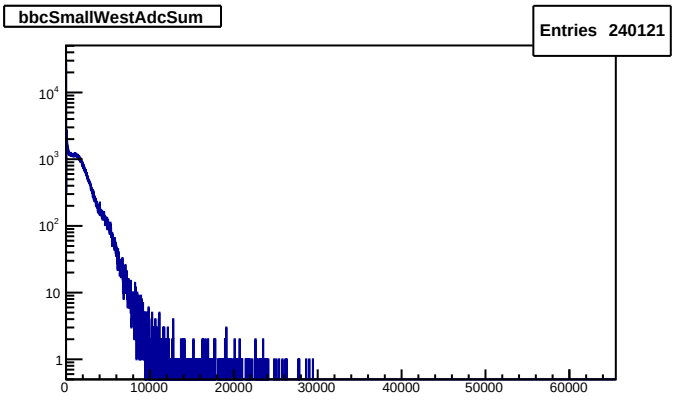

EQ3 QTC
Entries 2.305162e+07
TADC
QT Input Channel

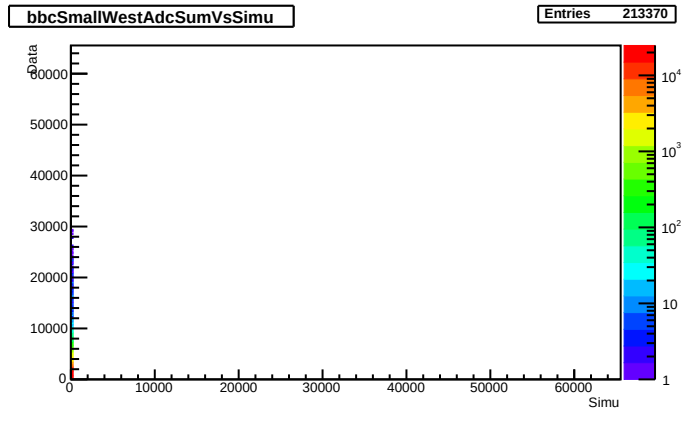

bbcSmallEastAdcSum
Entries 240121

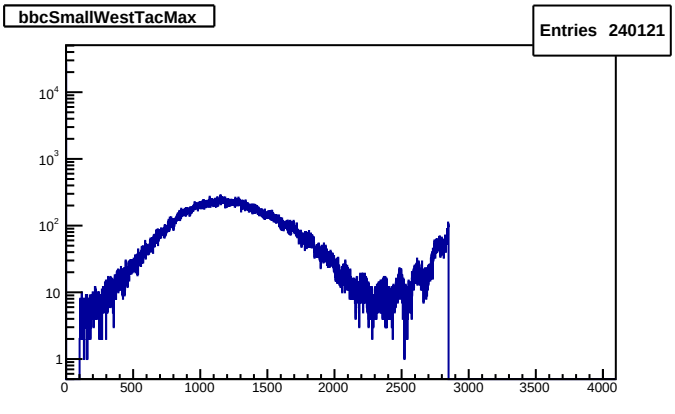

bbcSmallEastAdcSumVsSimu
Entries 182228
Data
Simu

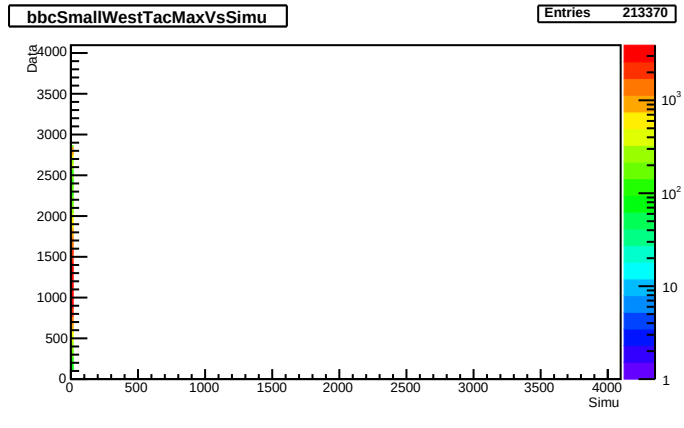

bbcSmallEastTacMax
Entries 240121

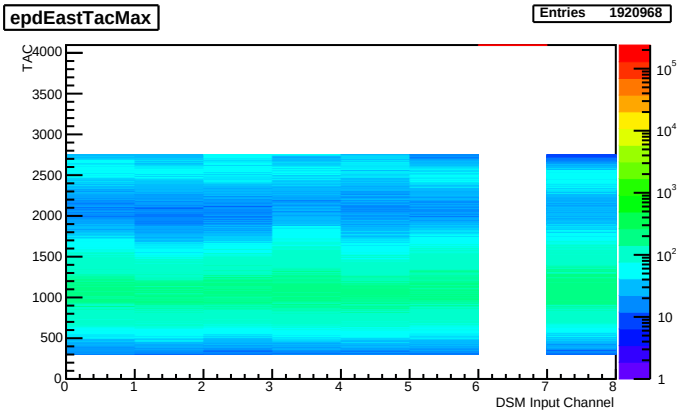

bbcSmallEastTacMaxVsSimu
Entries 182228
Data
Simu

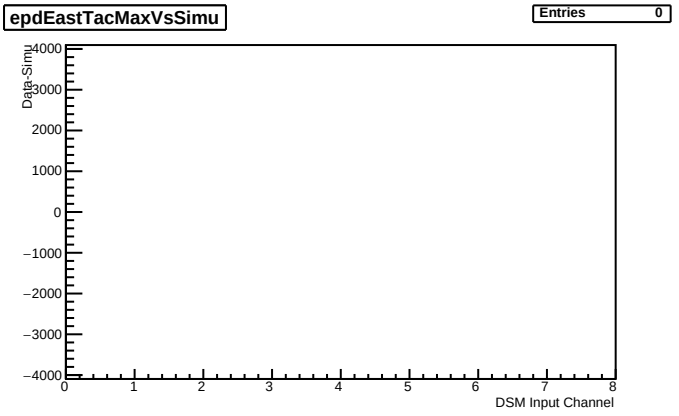

bbcSmallWestAdcSum
Entries 240121

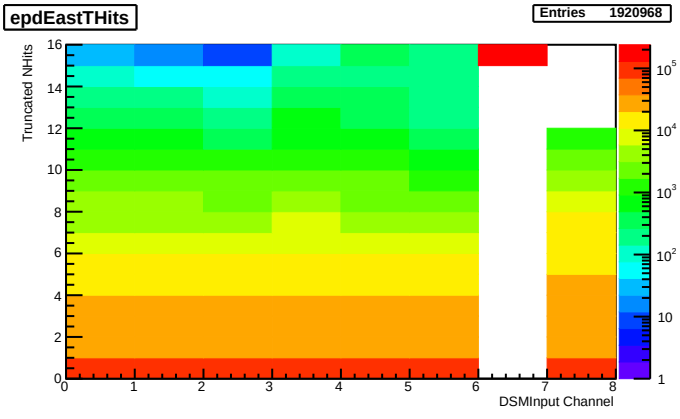

bbcSmallWestAdcSumVsSimu
Entries 213370
Data
Simu

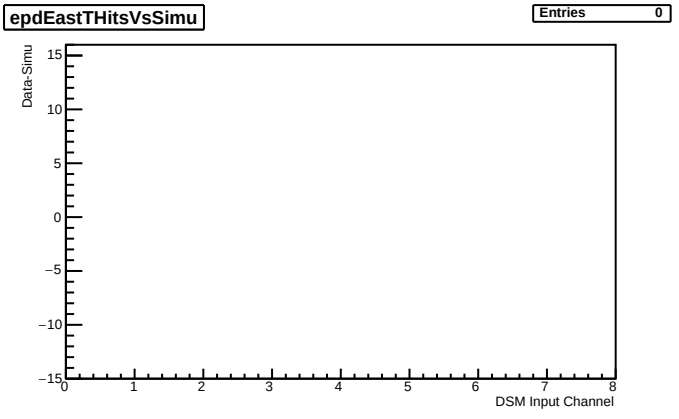

bbcSmallWestTacMax
Entries 240121


bbcSmallWestTacMaxVsSimu
Entries 213370
Data
Simu


epdEastTacMax
Entries 1920968
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1920968
Truncated NHits
DSMInput Channel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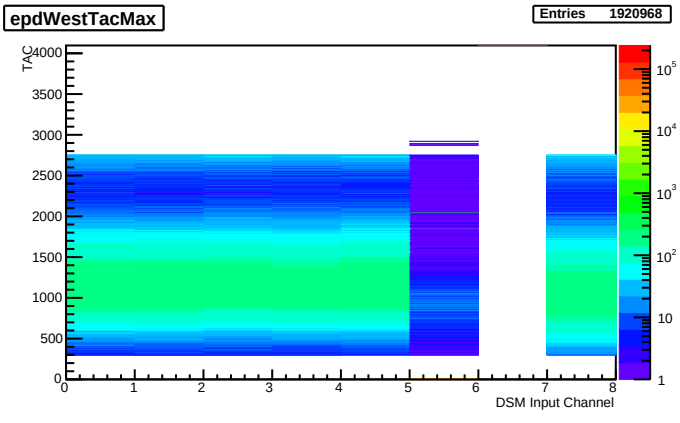
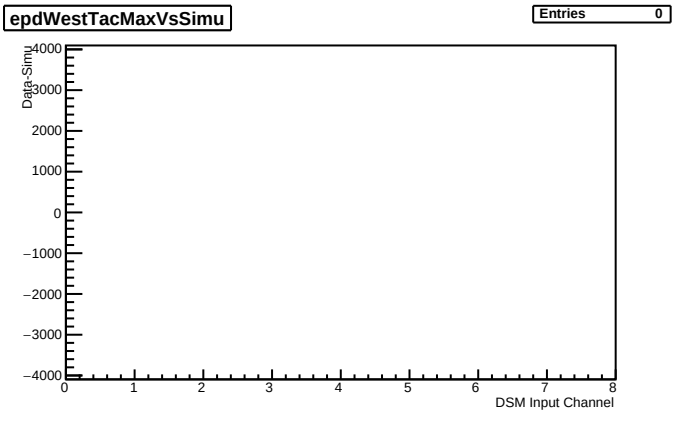
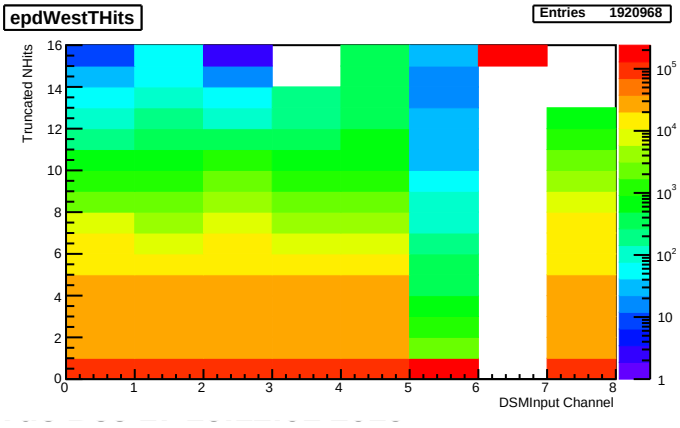
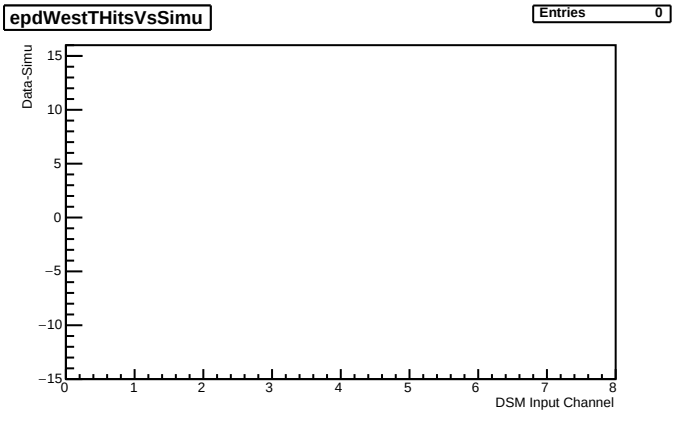
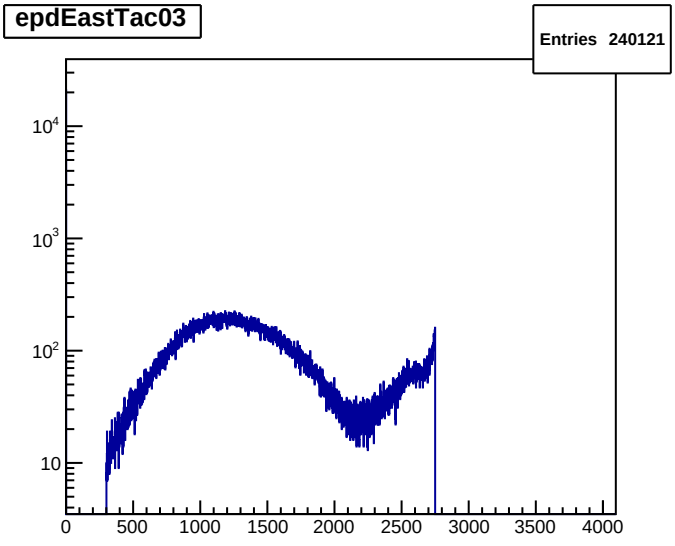
Entries 0
Data-Simu
DSM Input Channel

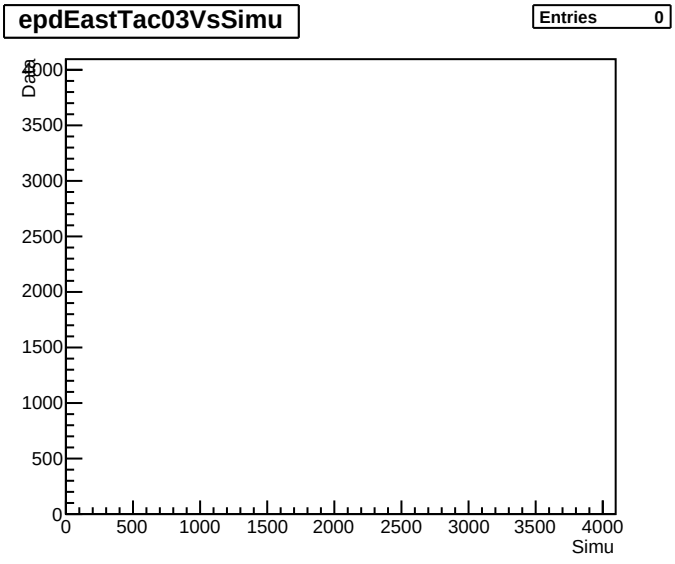

epdWestTacMax
Entries 1920968
TAC
DSM Input Channel

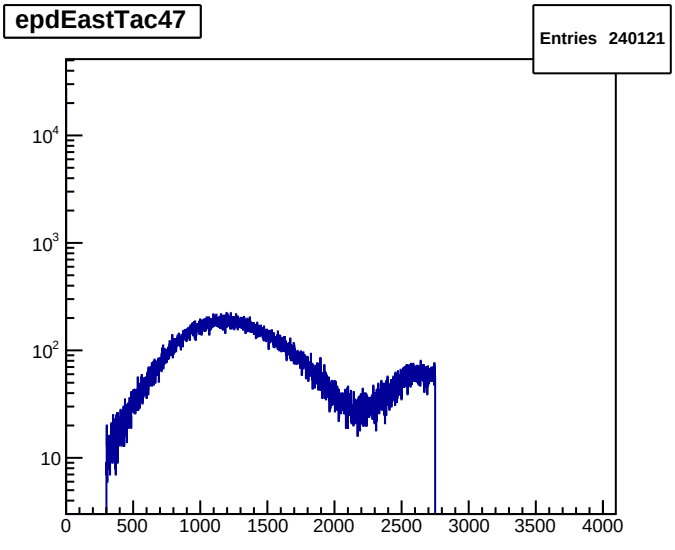

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

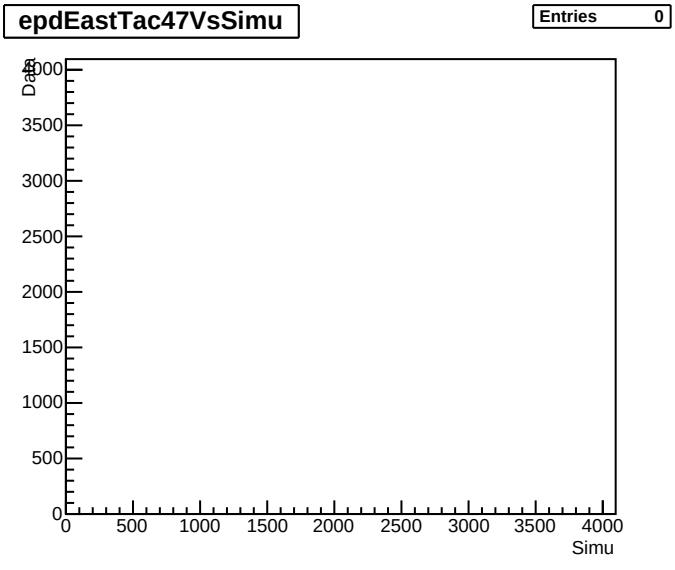

epdWestTHits
Entries 1920968
Truncated NHits
DSMInput Channel

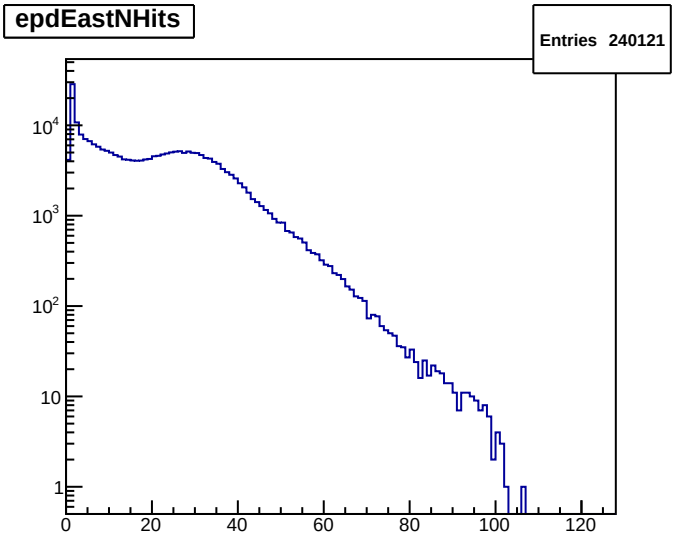

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

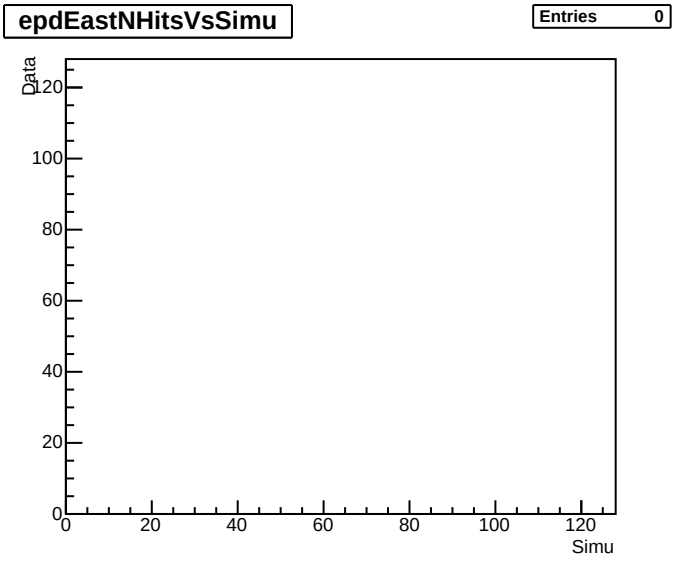

epdEastTac03
Entries 240121


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 240121


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 240121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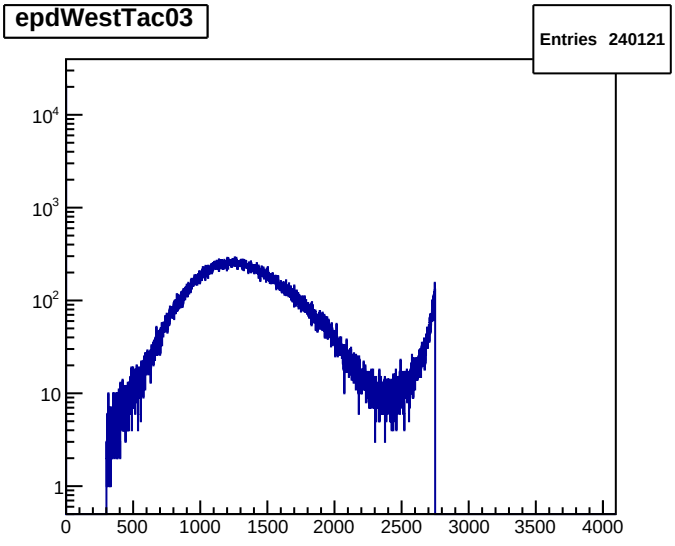
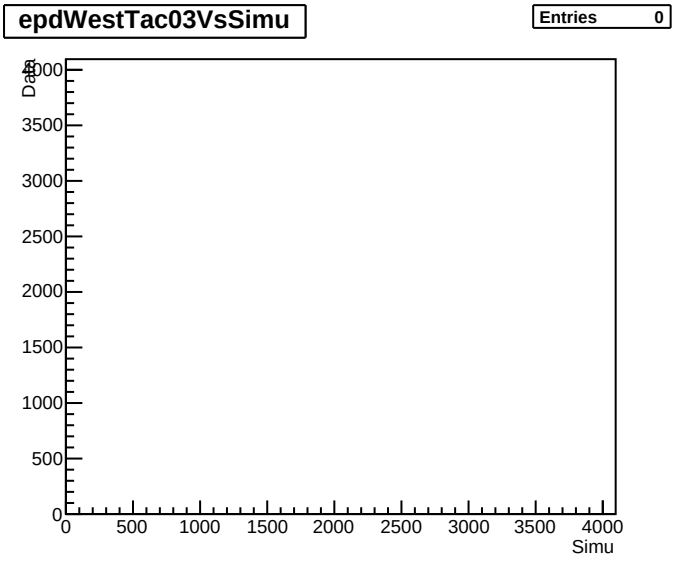
Entries 0
Data
Simu


epdWestTac03
Entries 240121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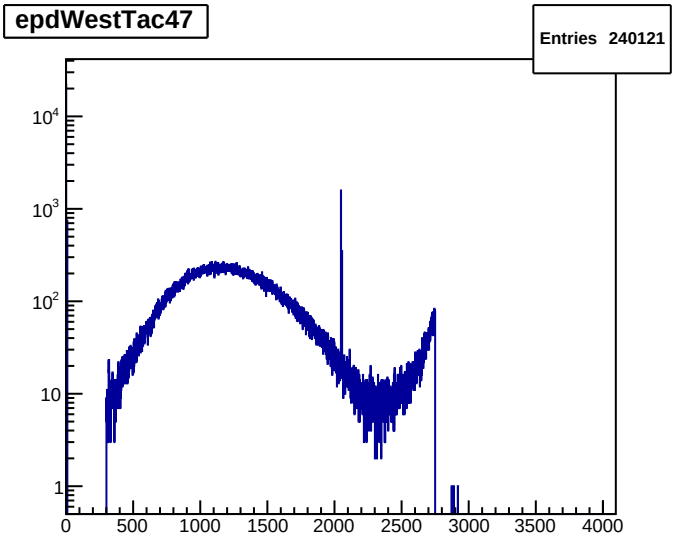
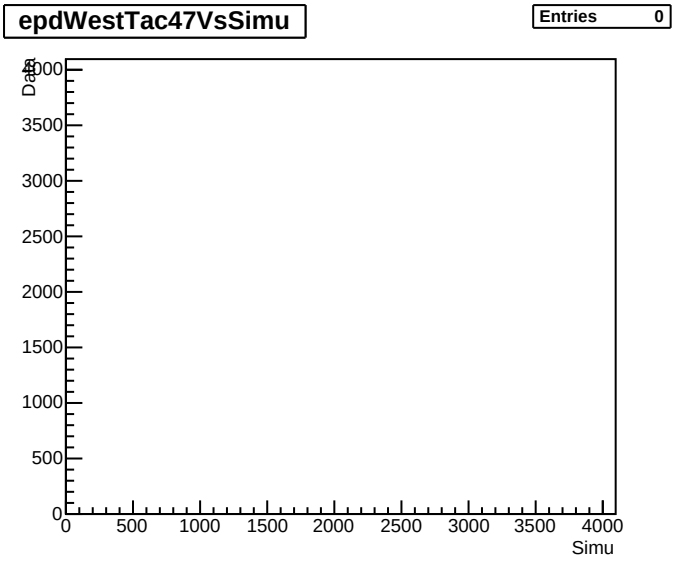
Entries 0
Data
Simu


epdWestTac47
Entries 240121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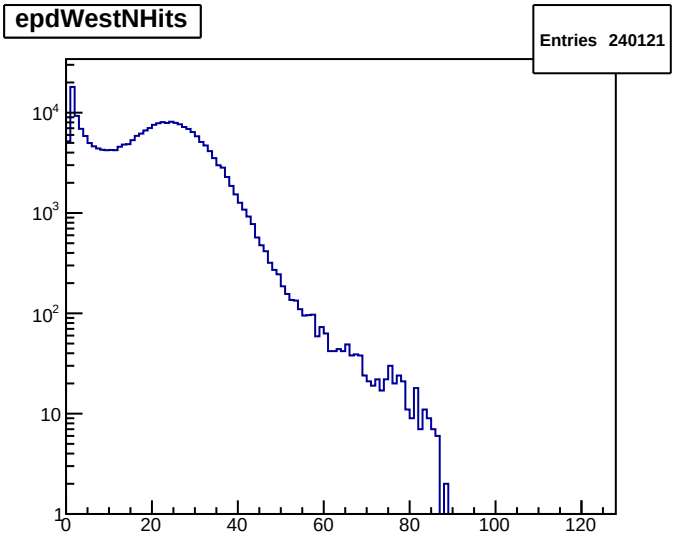
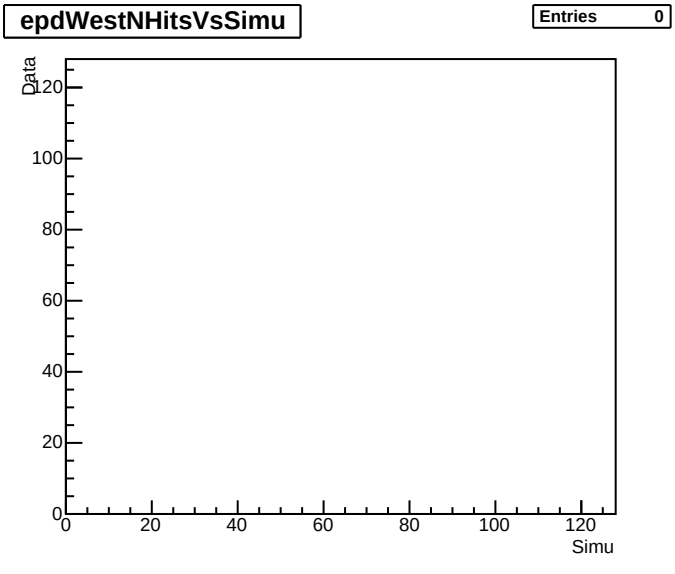
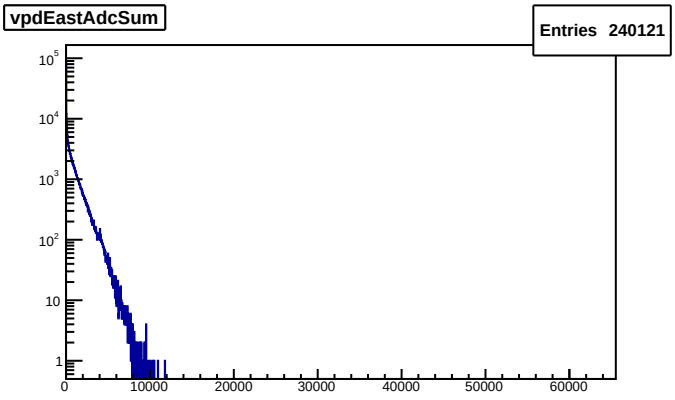
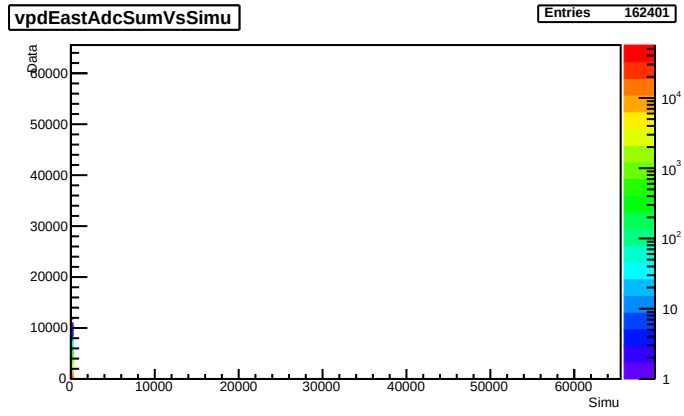
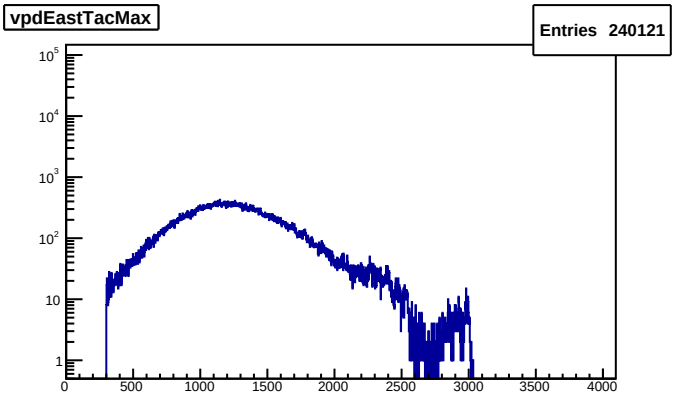
Entries 0
Data
Simu

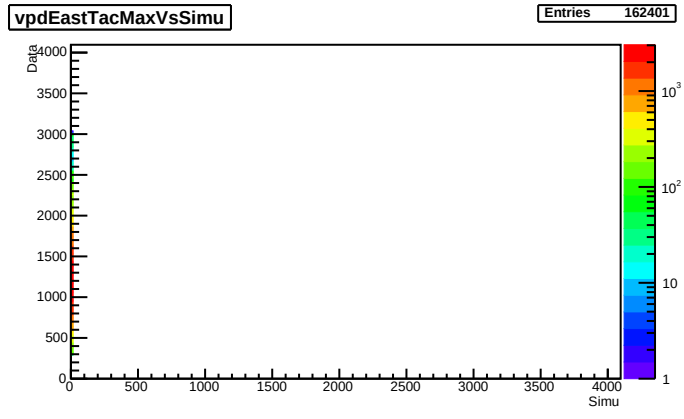

epdWestNHits
Entries 240121

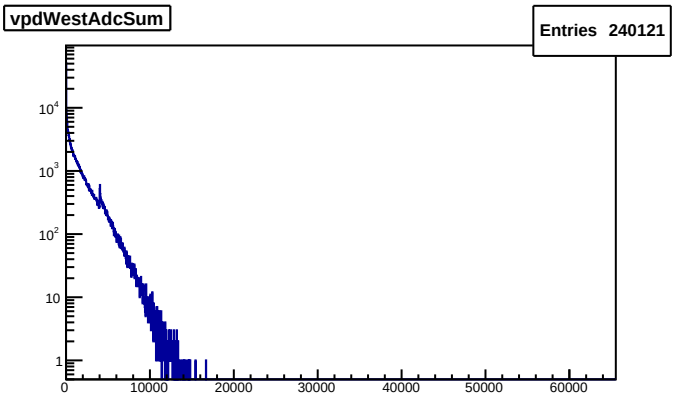

epdWestNHitsVsSimu
Entries 0
Data
Simu

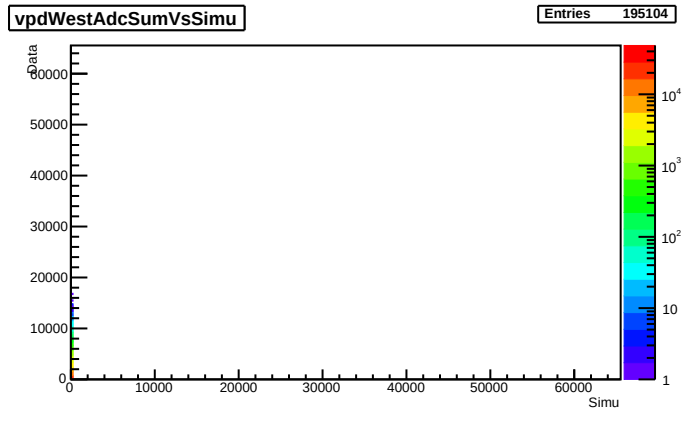

vpdEastAdcSum
Entries 240121

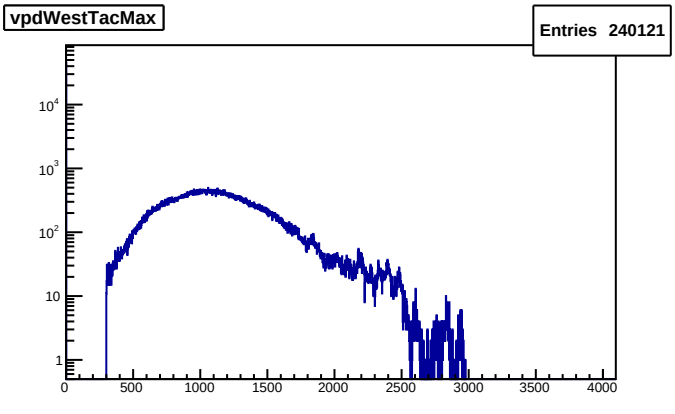

vpdEastAdcSumVsSimu
Entries 162401
Data
Simu

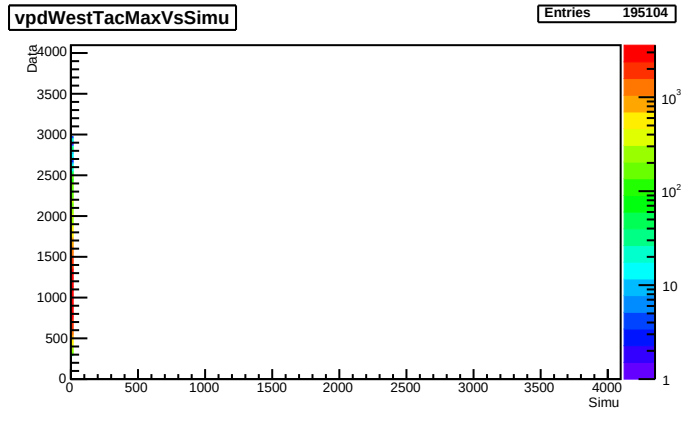

vpdEastTacMax
Entries 240121

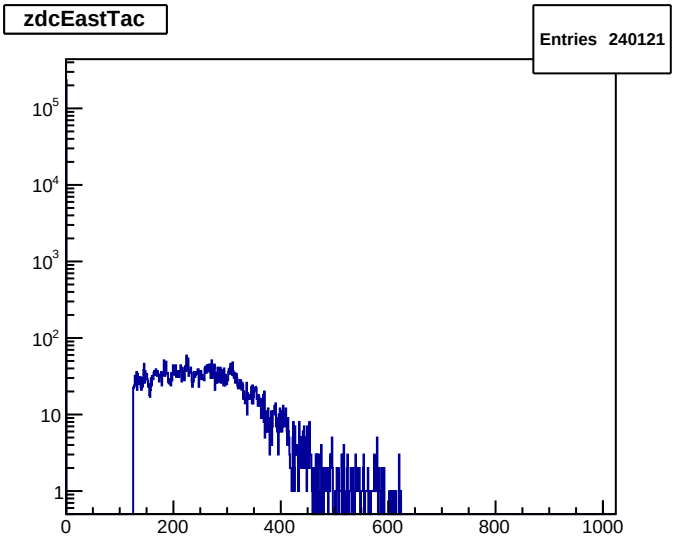

vpdEastTacMaxVsSimu
Entries 162401
Data
Simu

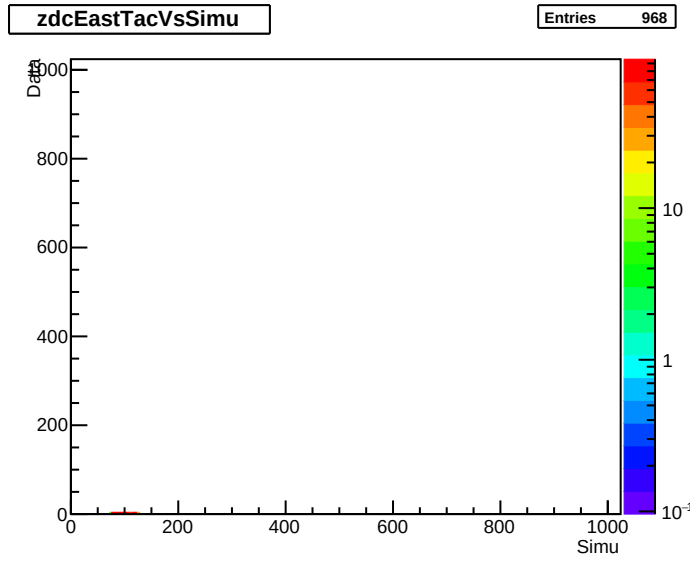

vpdWestAdcSum
Entries 240121

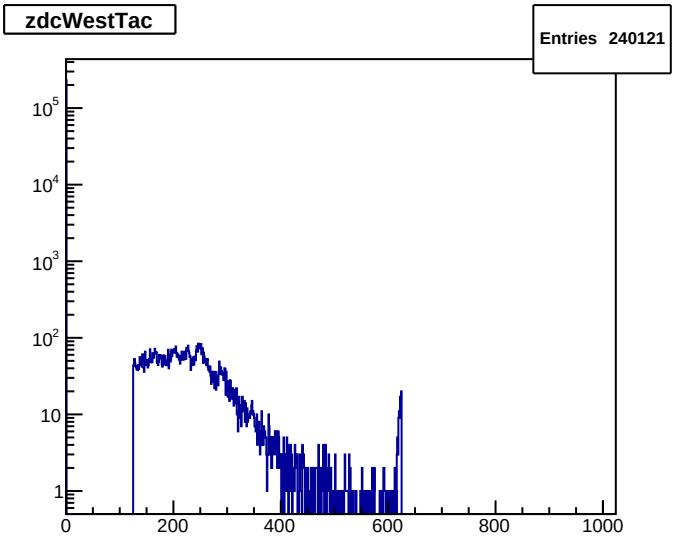

vpdWestAdcSumVsSimu
Entries 195104
Data
Simu

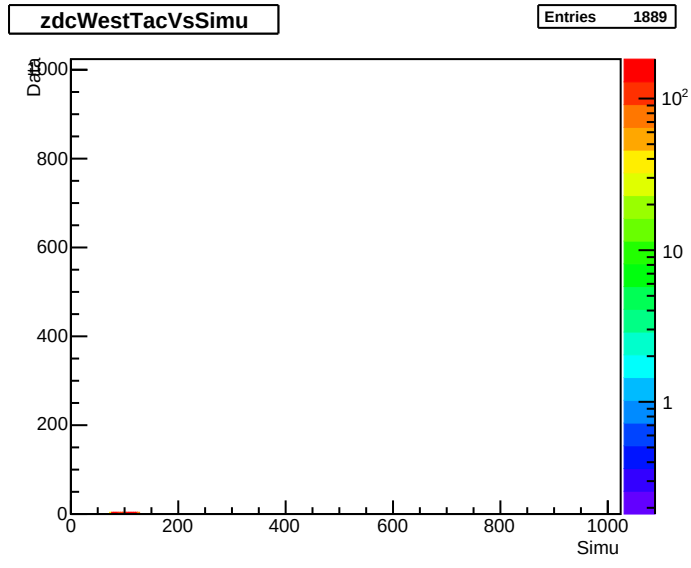

vpdWestTacMax
Entries 240121

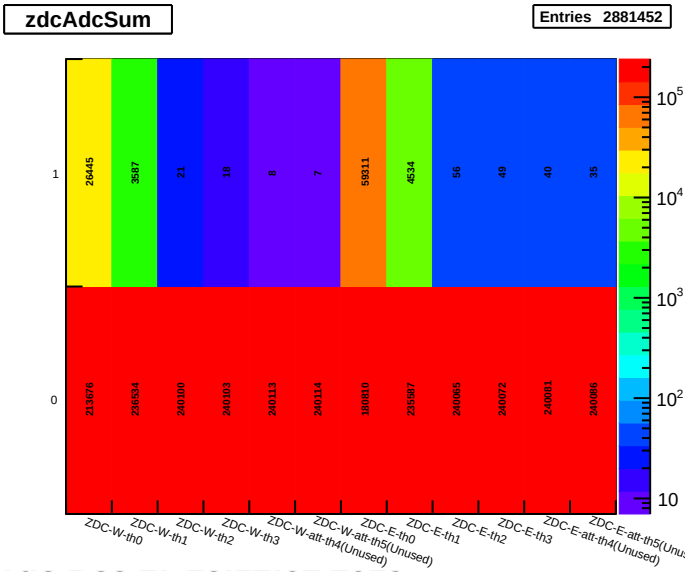

vpdWestTacMaxVsSimu
Entries 195104
Data
Simu

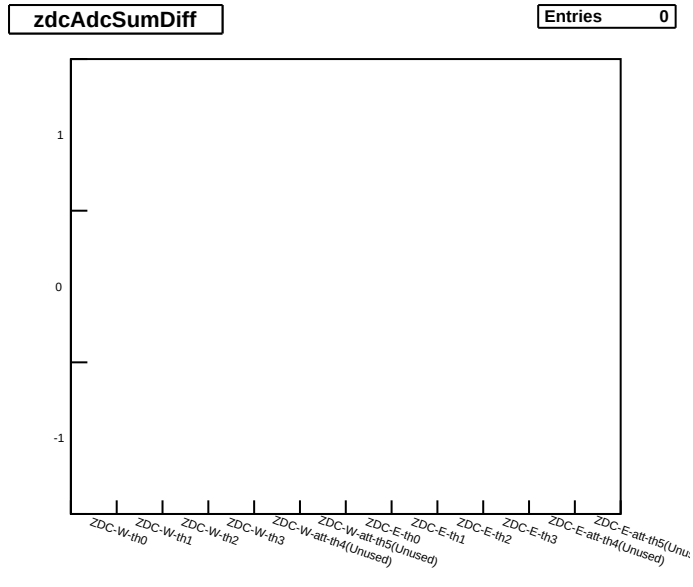

zdcEastTac
Entries 240121

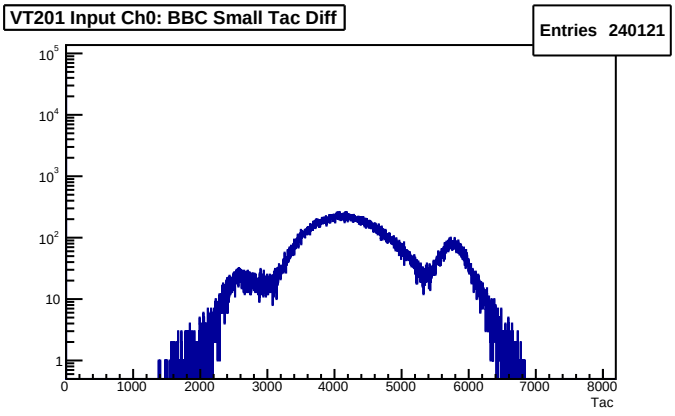

zdcEastTacVsSimu
Entries 968
Data
Simu

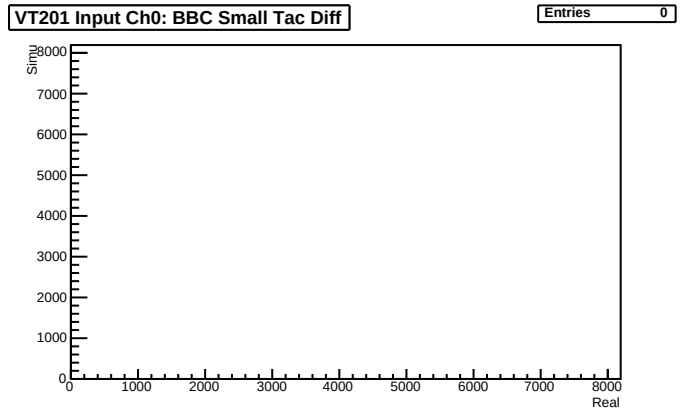

zdcWestTac
Entries 240121

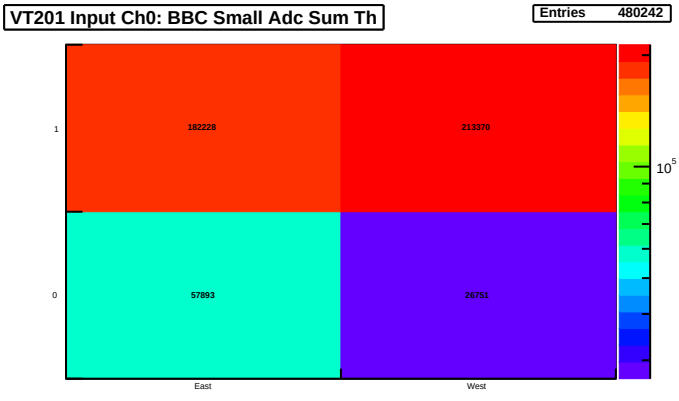

zdcWestTacVsSimu
Entries 1889
Data
Simu

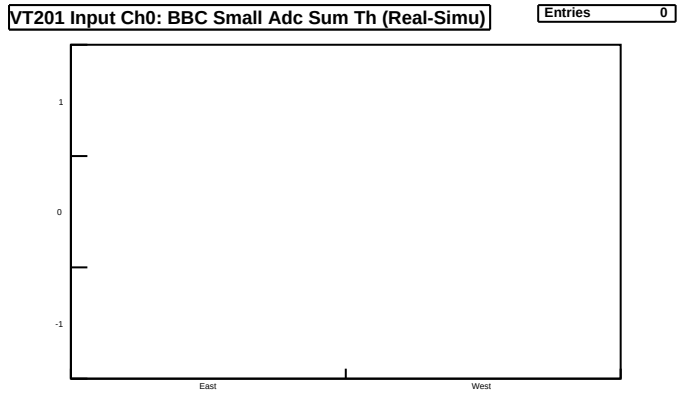

zdcAdcSum
Entries 2881452
26445
3587
21
18
8
7
59311
4534
56
49
40
35
213676
236534
240100
240103
240113
240114
180810
235587
240065
240072
240081
240086
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

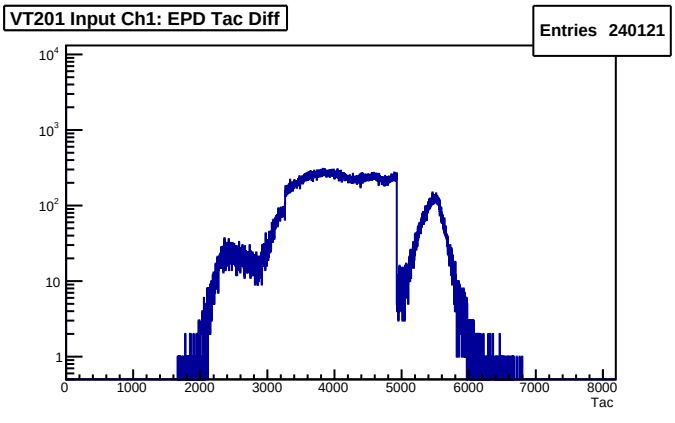

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

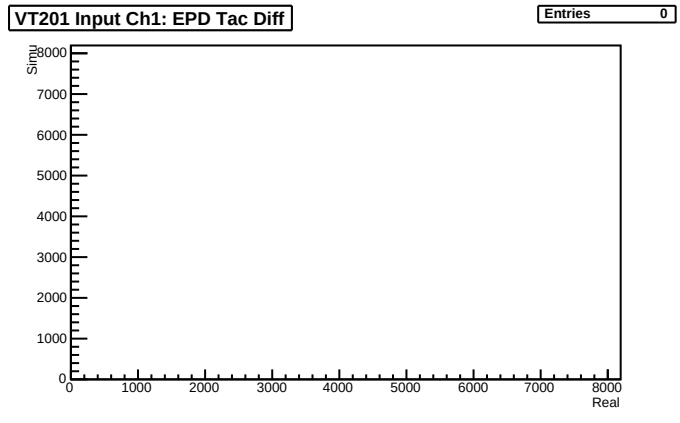

VT201 Input Ch0: BBC Small Tac Diff
Entries 240121
Tac

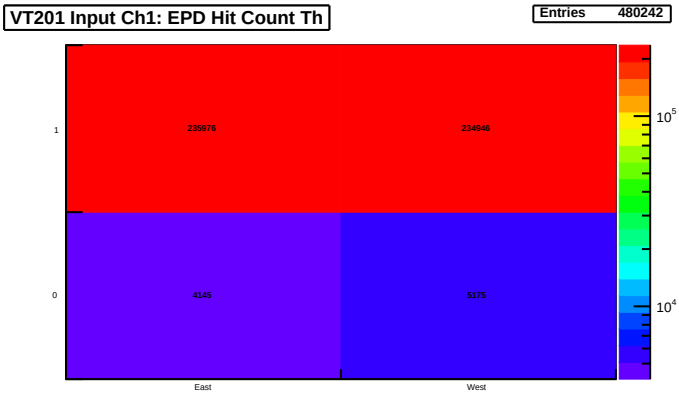

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

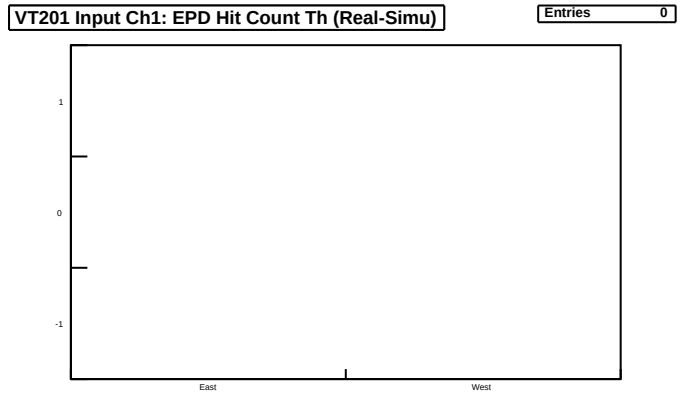

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 480242
182228
213370
57893
26751
East
West

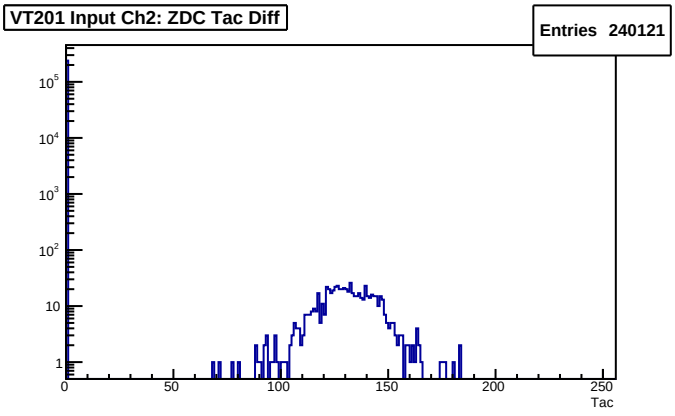

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

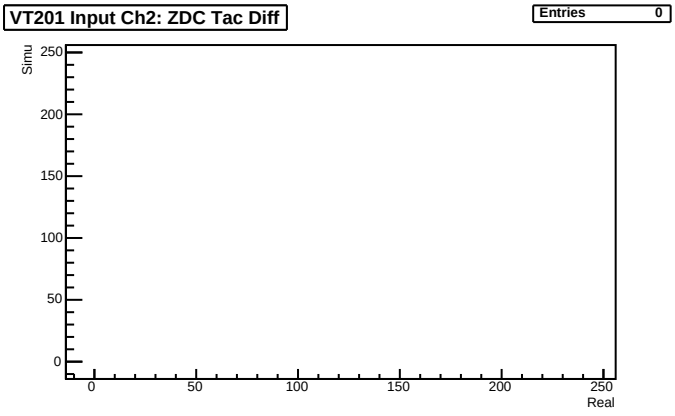

VT201 Input Ch1: EPD Tac Diff
Entries 240121
Tac

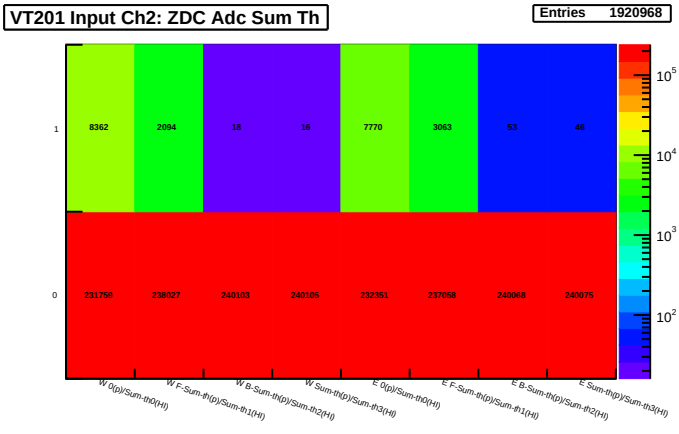

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

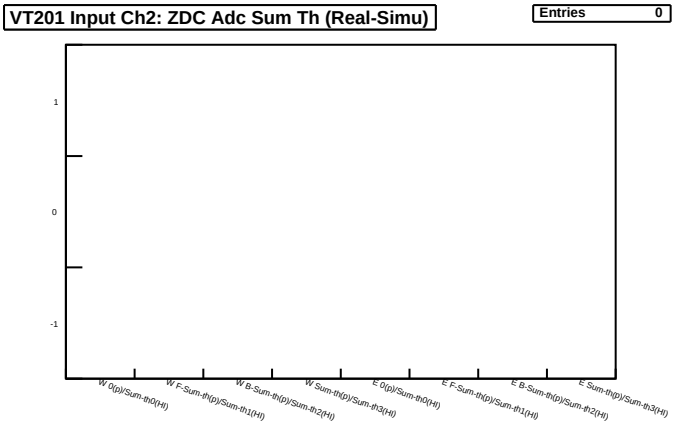

VT201 Input Ch1: EPD Hit Count Th
Entries 480242
235976
234946
4145
5175
East
West

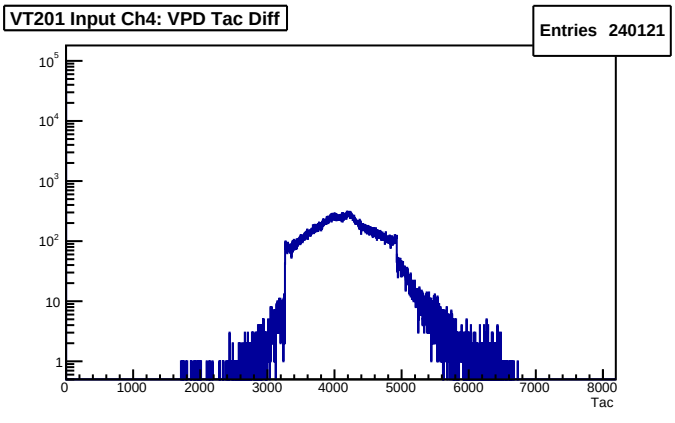

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

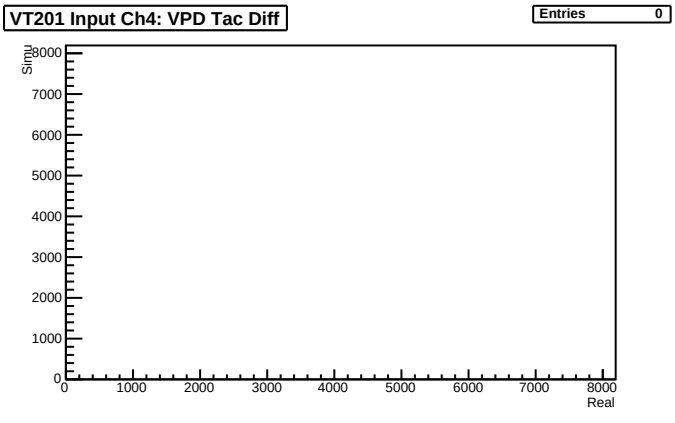

VT201 Input Ch2: ZDC Tac Diff
Entries 240121
Tac

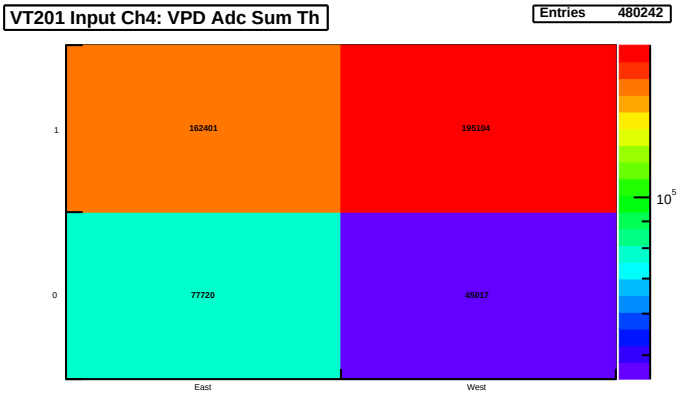

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

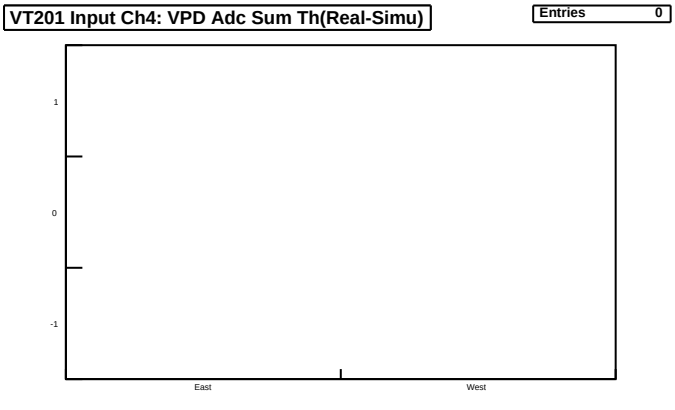

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1920968
8362
2094
18
16
7770
3063
53
46
231759
238027
240103
240105
232351
237058
240068
240075
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

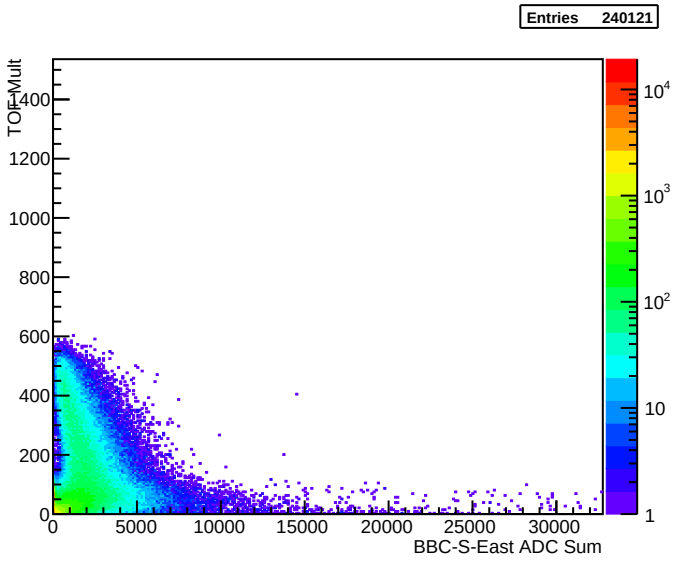

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

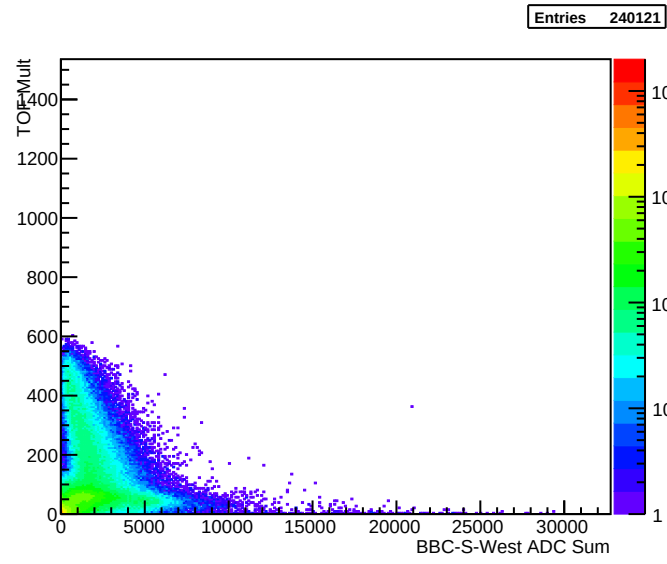

VT201 Input Ch4: VPD Tac Diff
Entries 240121
Tac

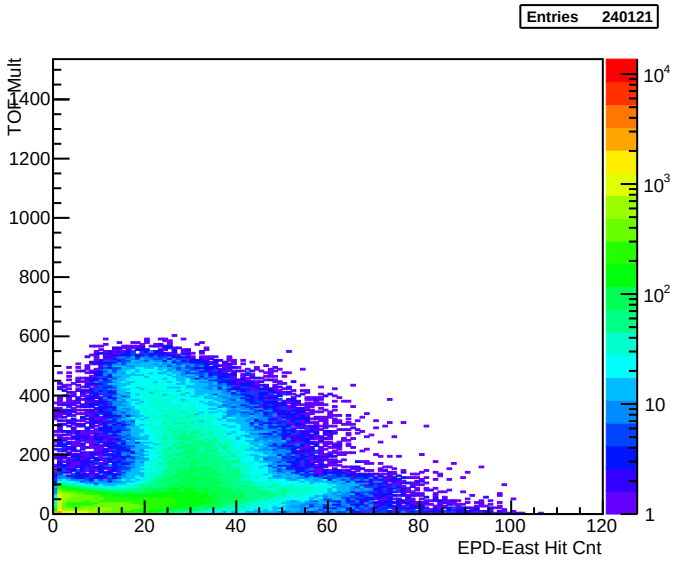

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

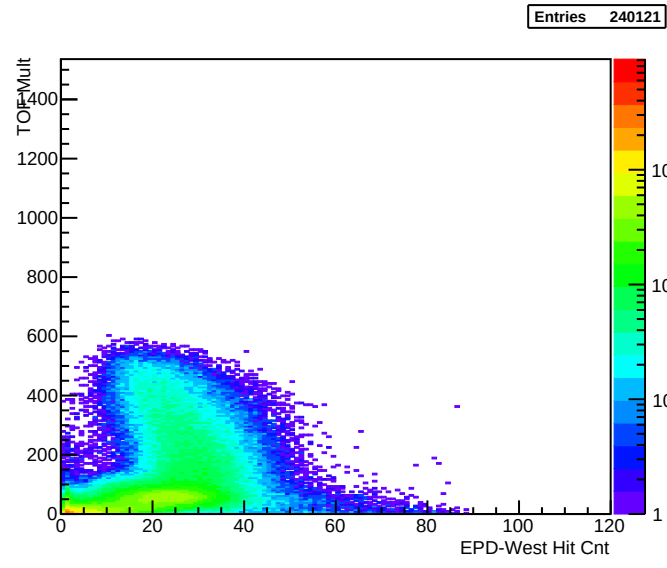

VT201 Input Ch4: VPD Adc Sum Th
Entries 480242
162401
195104
77720
45017
East
West

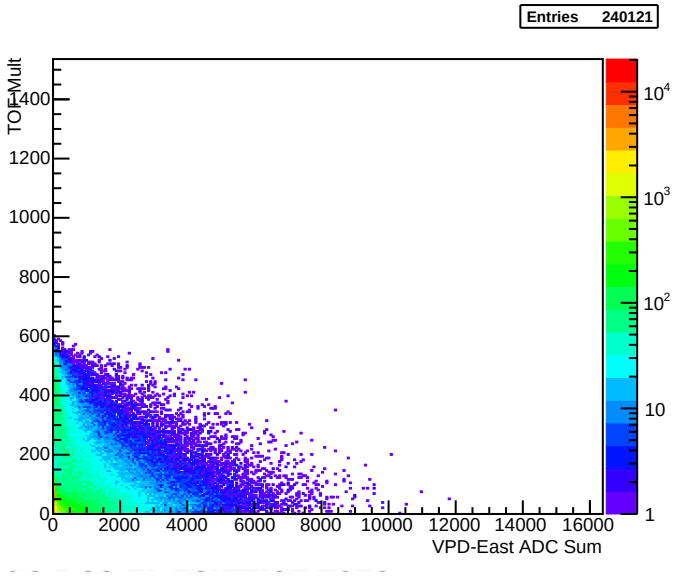

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

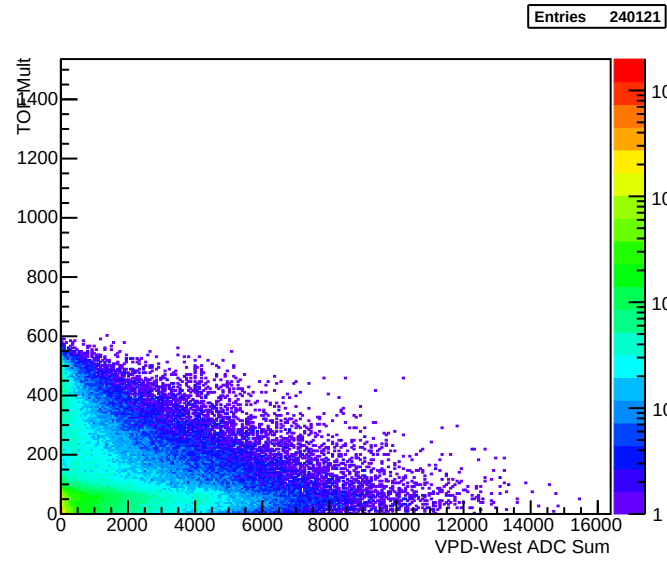

Entries 240121
TOF-Mult
BBC-S-East ADC Sum

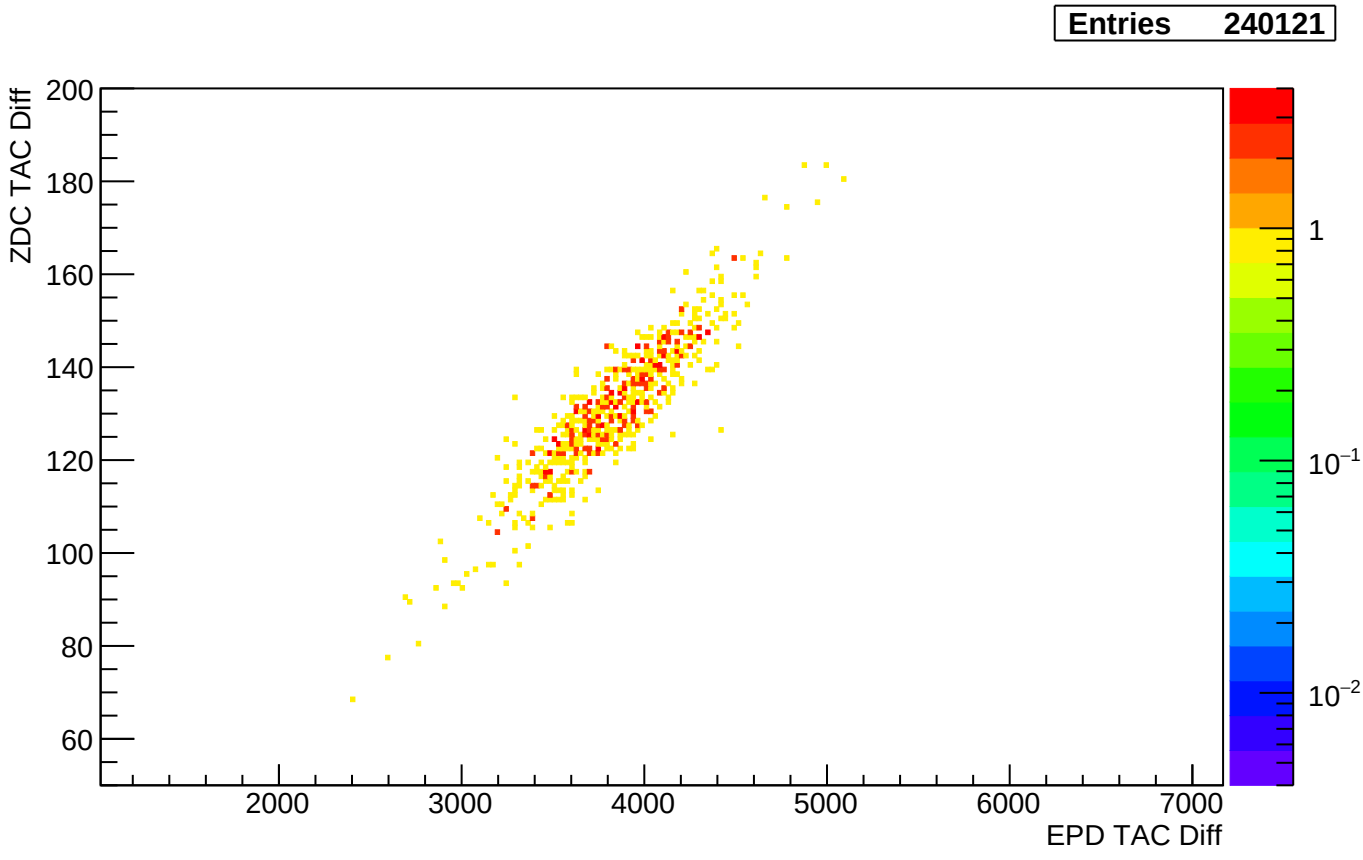

Entries 240121
TOF-Mult
BBC-S-West ADC Sum

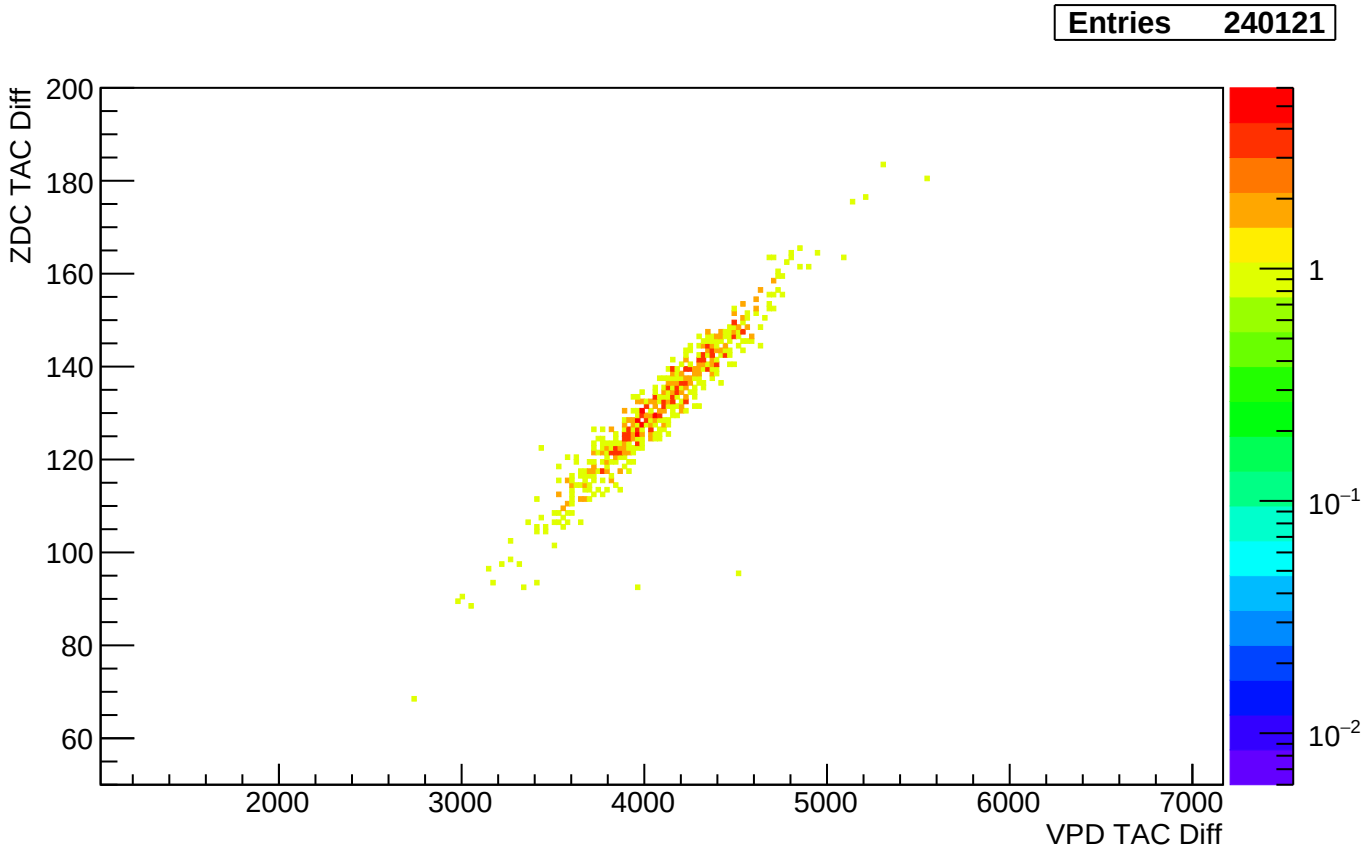

Entries 240121
TOF-Mult
EPD-East Hit Cnt

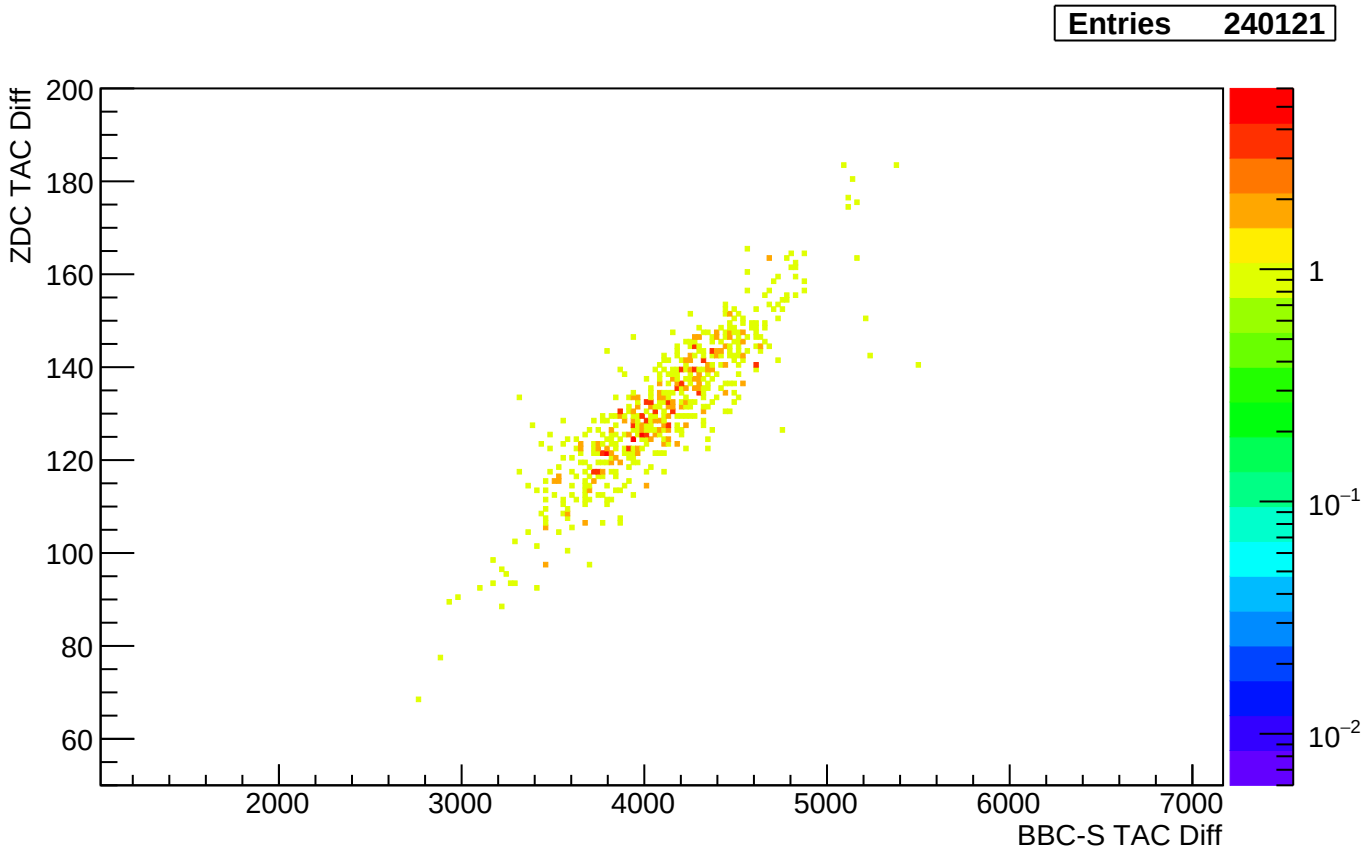

Entries 240121
TOF-Mult
EPD-West Hit Cnt

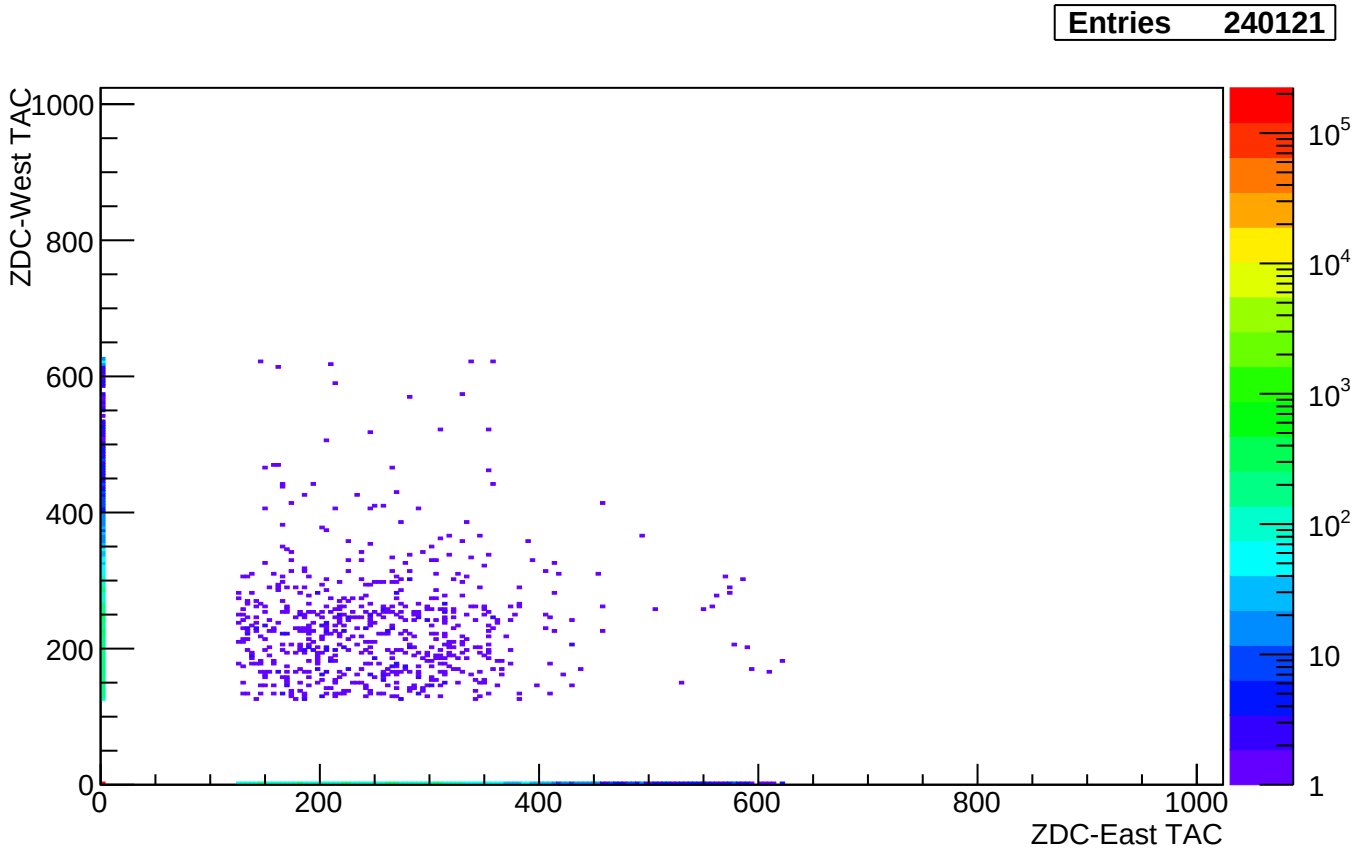

Entries 240121
TOF-Mult
VPD-East ADC Sum

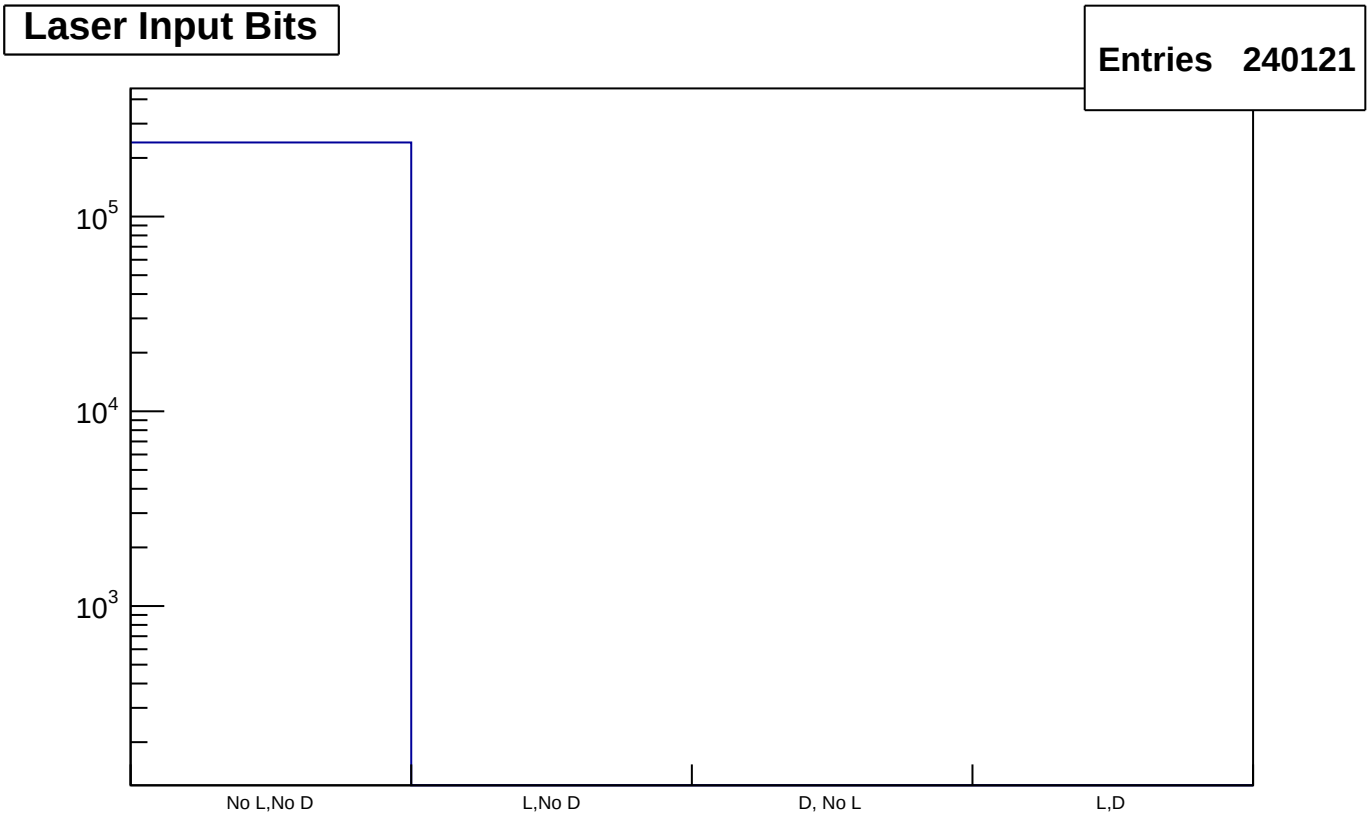

Entries 240121
TOF-Mult
VPD-West ADC Sum

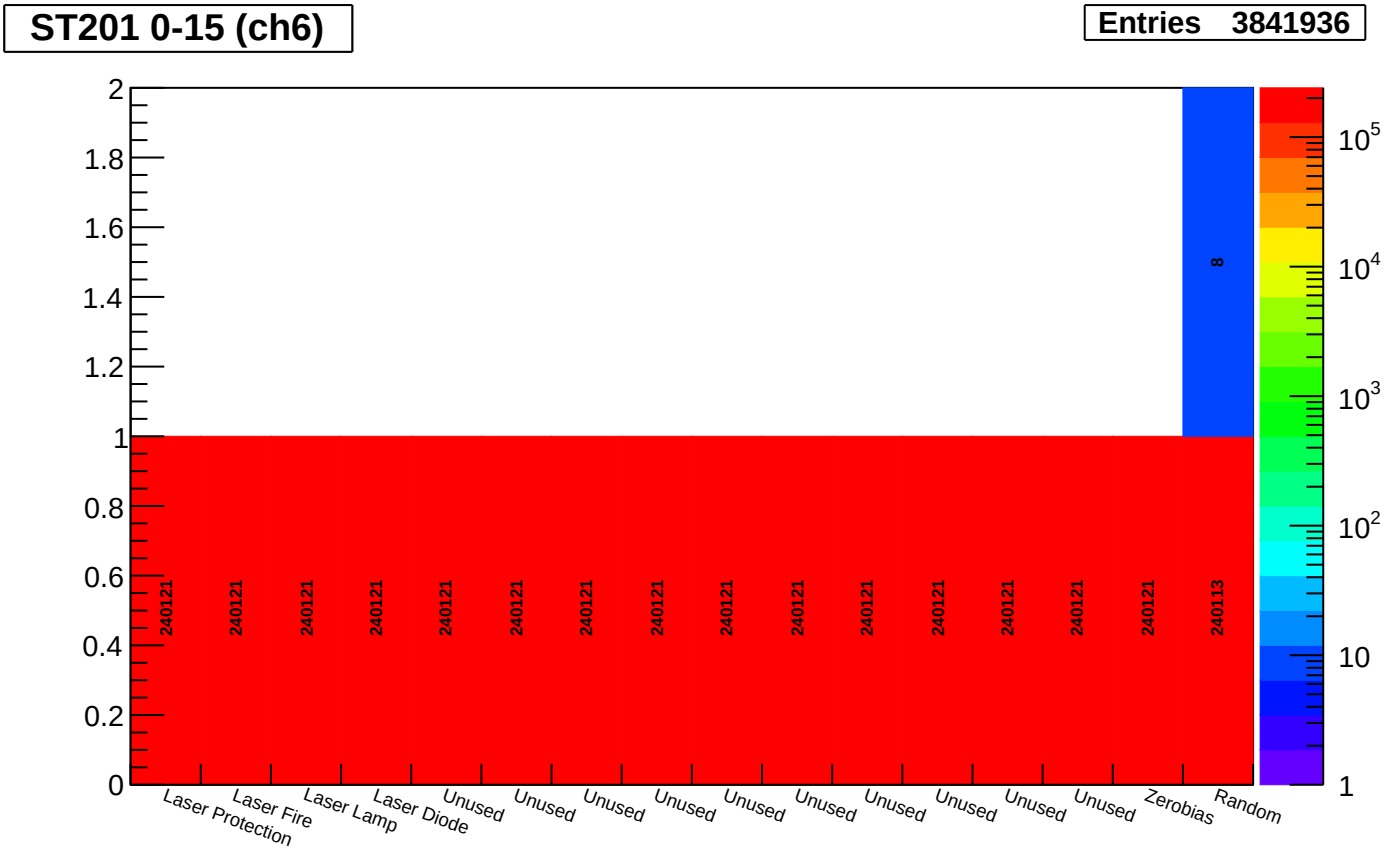

Entries 240121
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

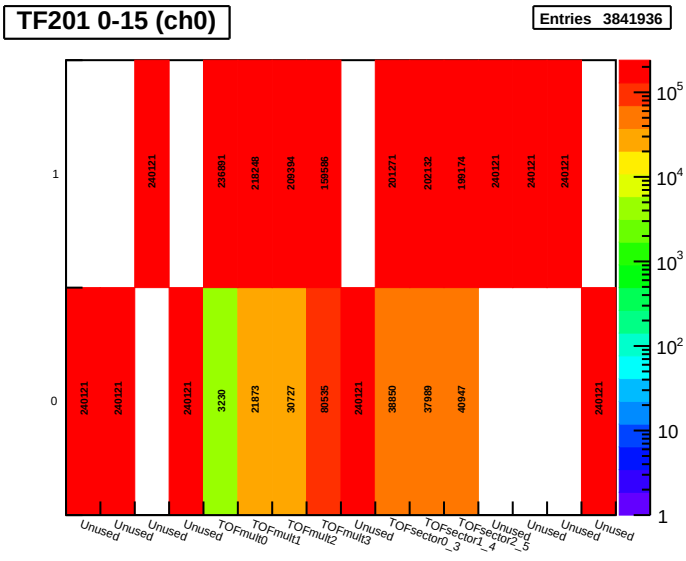

Entries 240121
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

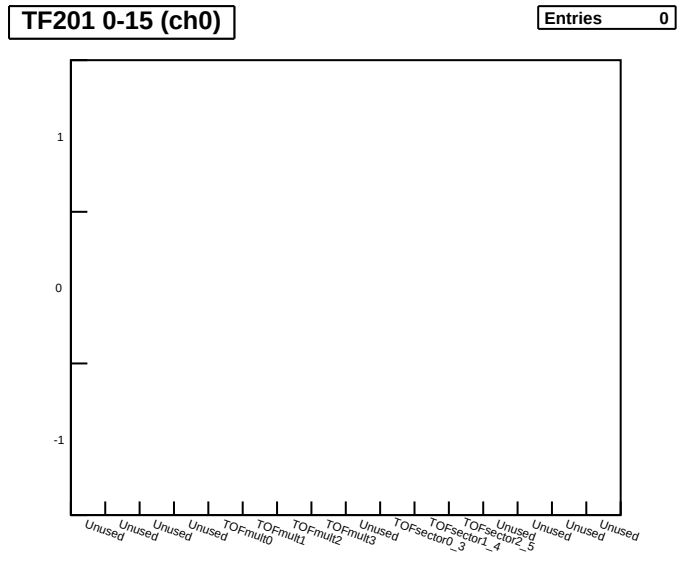

Entries 240121
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

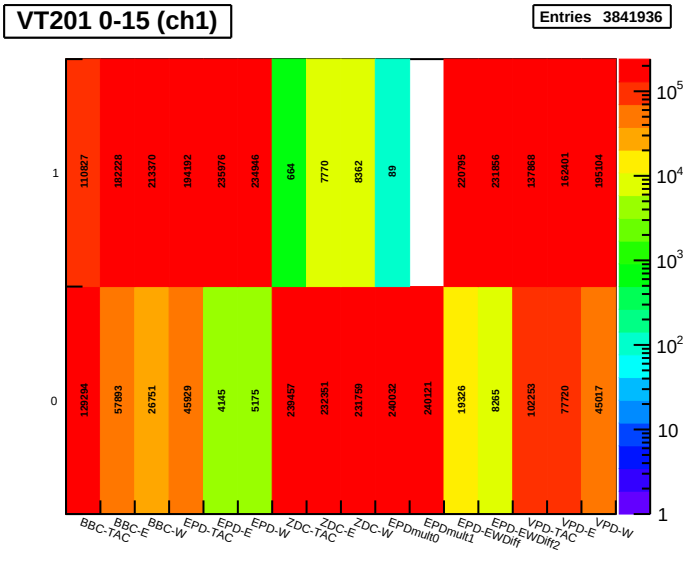

Entries 240121
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

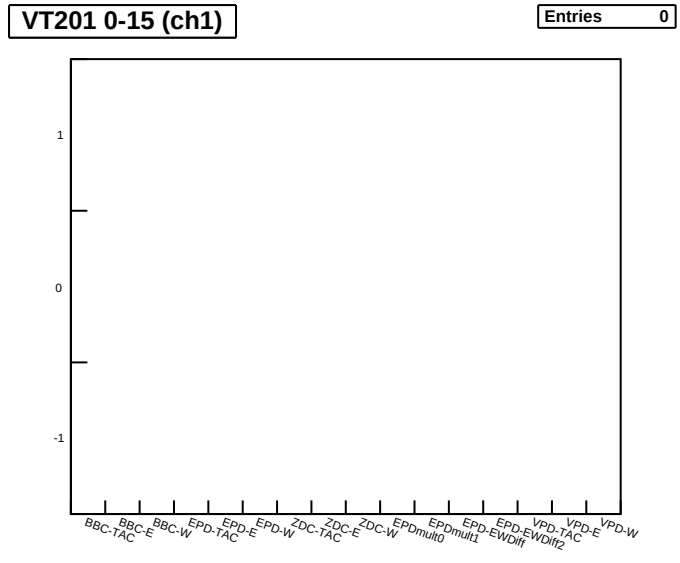

Laser Input Bits
Entries 240121
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

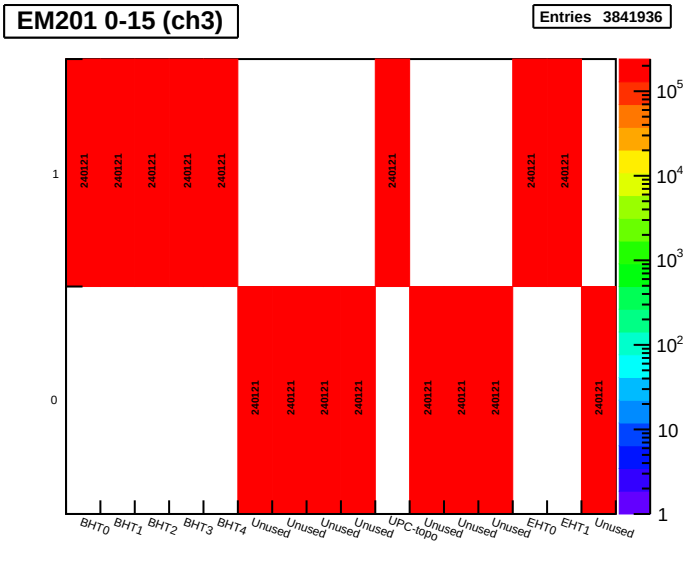

ST201 0-15 (ch6)
Entries 3841936
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
240121
240113
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

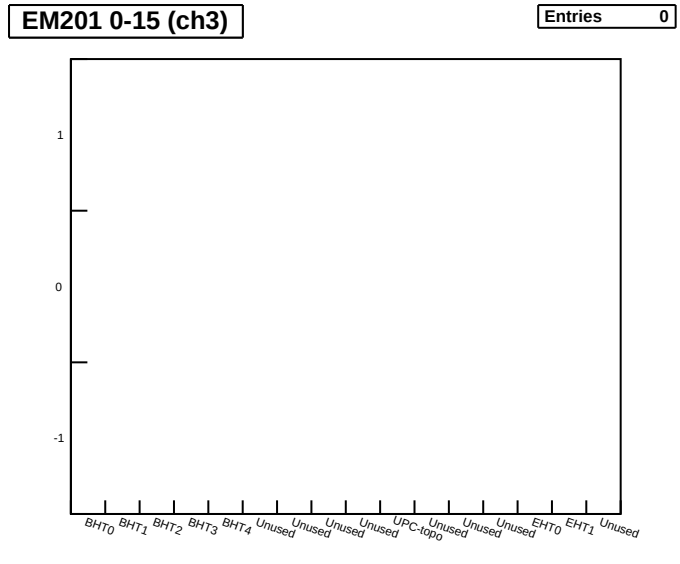

TF201 0-15 (ch0)
Entries 3841936
1
0
240121 240121 240121 240121 236691 218248 200394 199586 201271 202132 199174 240121 240121 240121
240121 240121 240121 3230 21873 30727 80535 240121 38850 37989 40947 240121
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 3841936
1
0
110827 182228 213370 194192 235976 234946 664 7770 8362 89 220795 231856 137868 162401 195104
129294 57893 26751 45929 4145 5175 239457 232351 231759 240032 240121 19326 8265 102253 77720 45017
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 3841936
1
0
240121 240121 240121 240121 240121 240121 240121 240121 240121
240121 240121 240121 240121 240121 240121 240121 240121
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