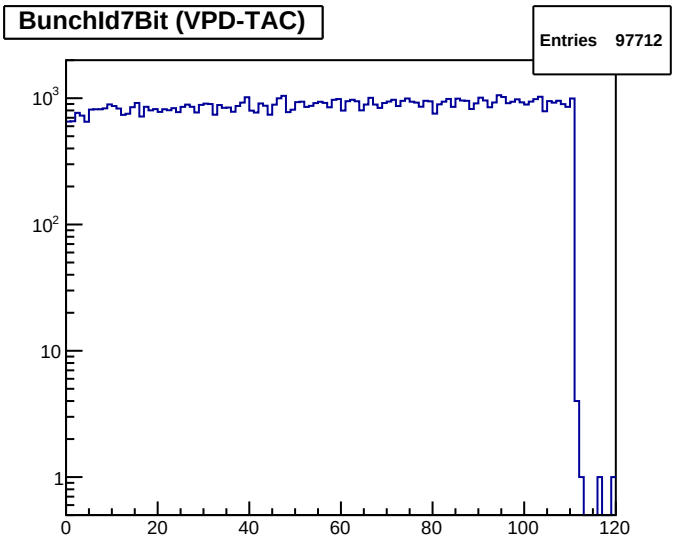
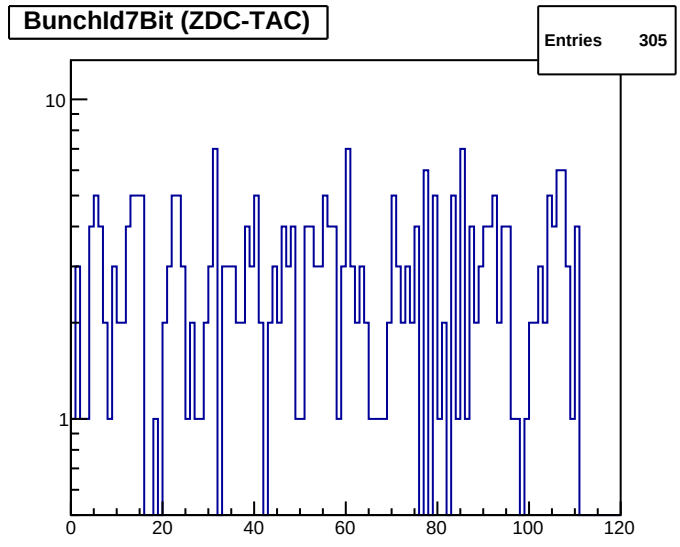
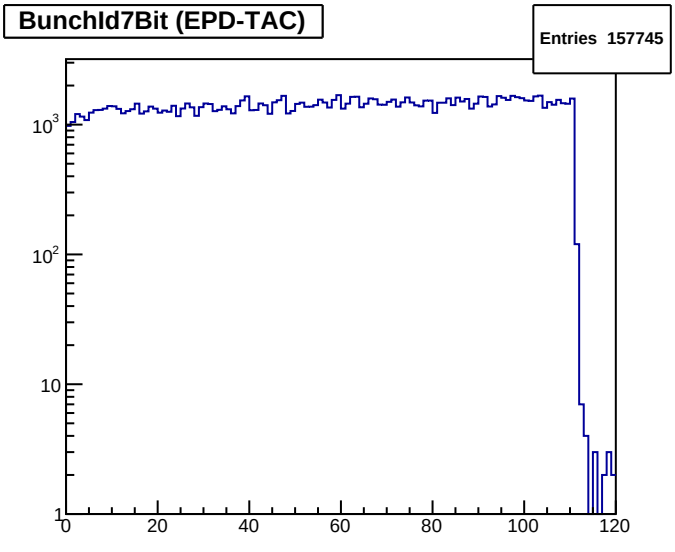
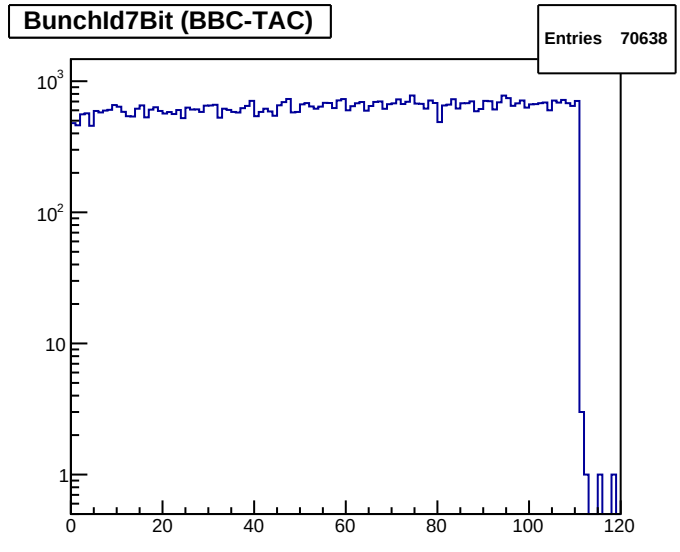
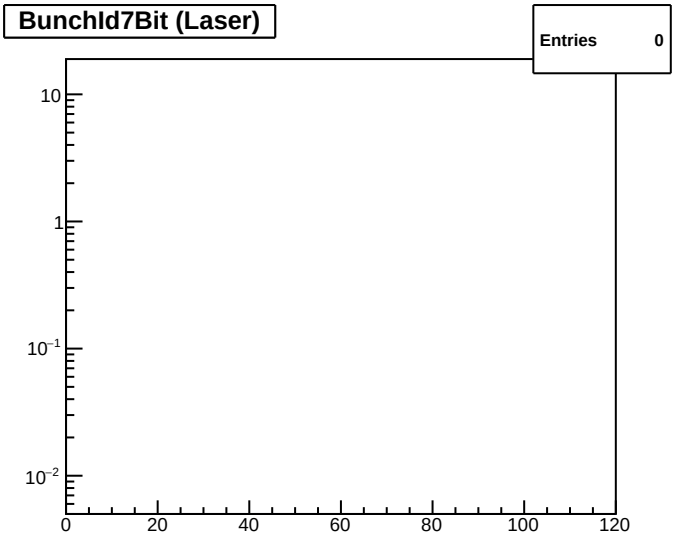
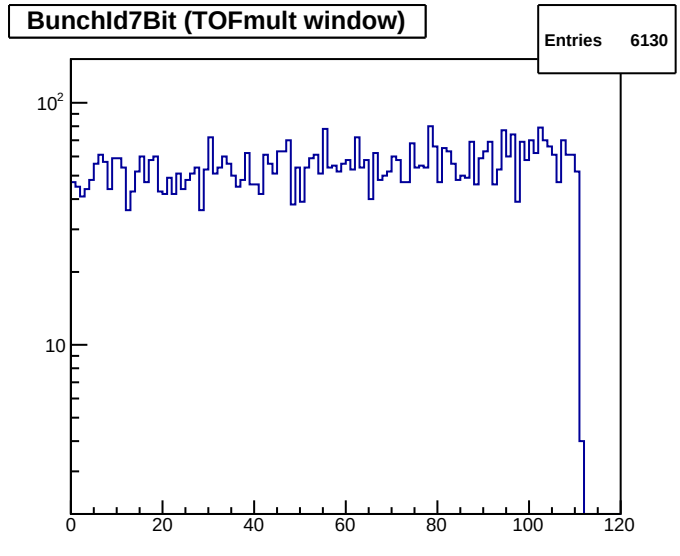

BunchId7Bit (VPD-TAC)
Entries 97712

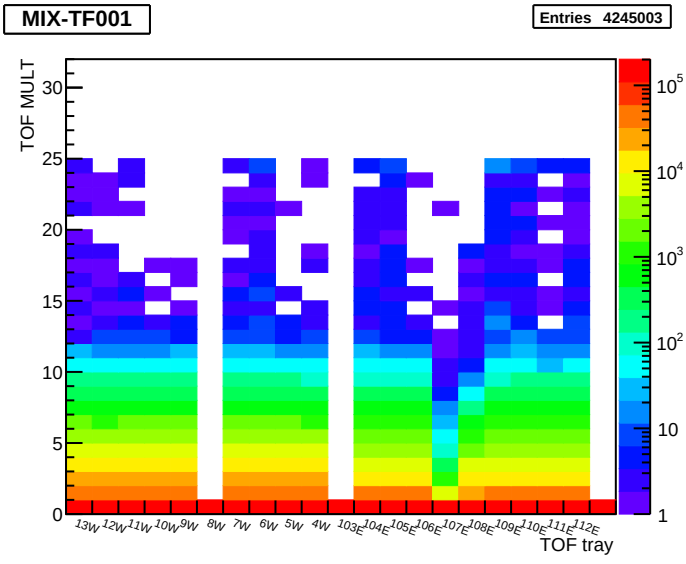

BunchId7Bit (ZDC-TAC)
Entries 305

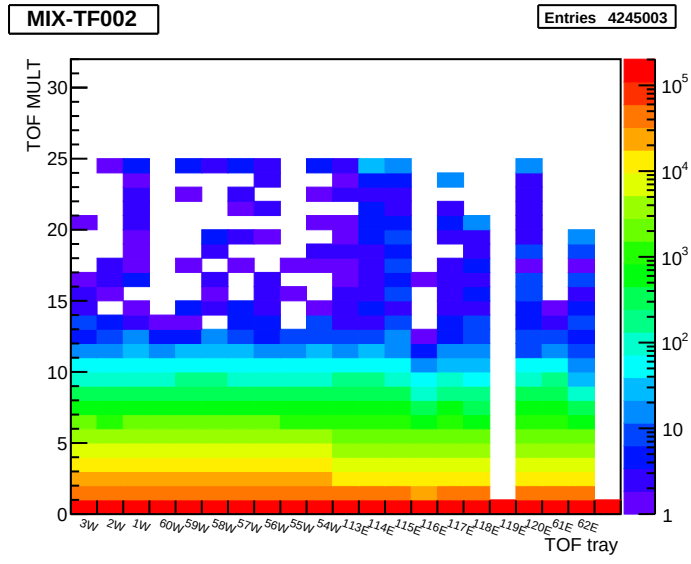

BunchId7Bit (EPD-TAC)
Entries 157745

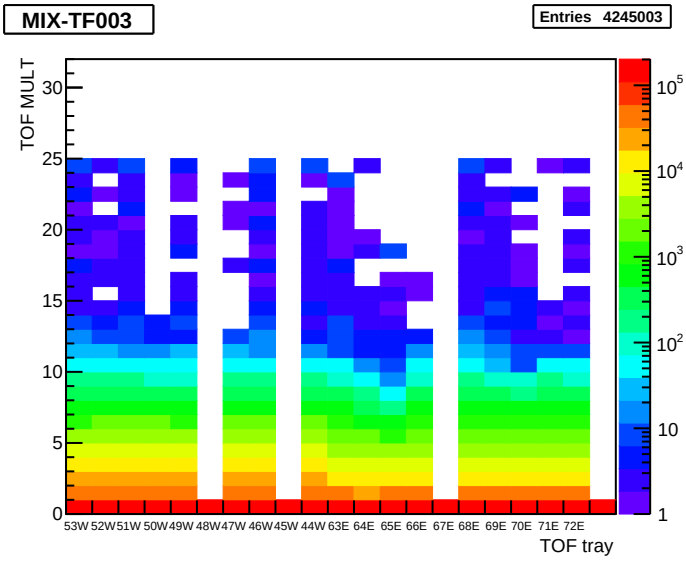

BunchId7Bit (BBC-TAC)
Entries 70638

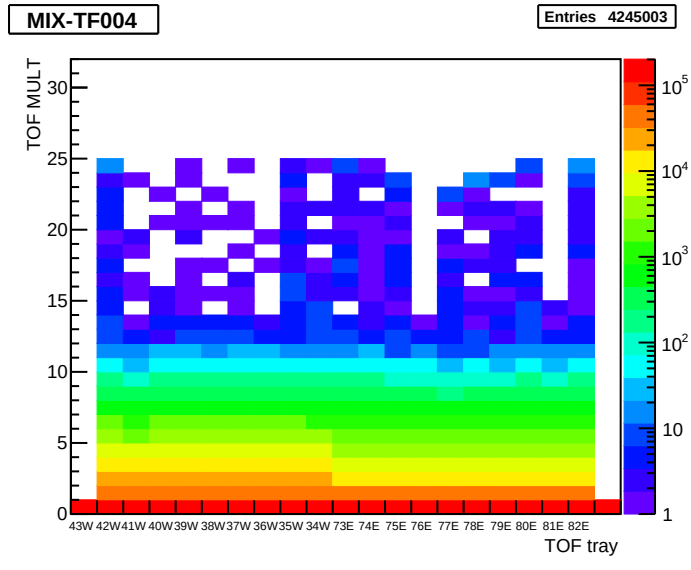

BunchId7Bit (Laser)
Entries 0

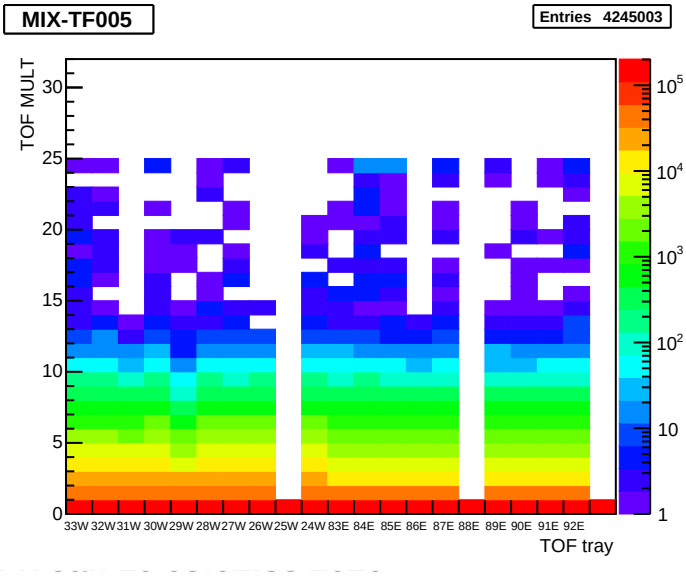

BunchId7Bit (TOFmult window)
Entries 6130

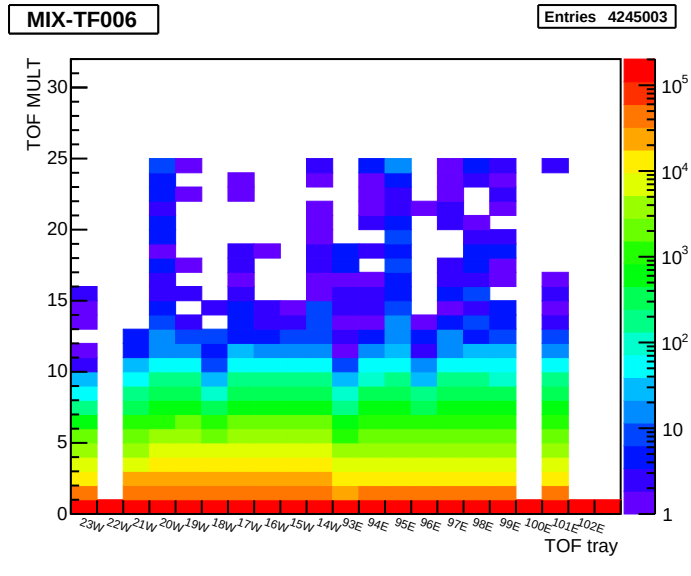

MIX-TF001
Entries 4245003
TOF MULT
TOF tray

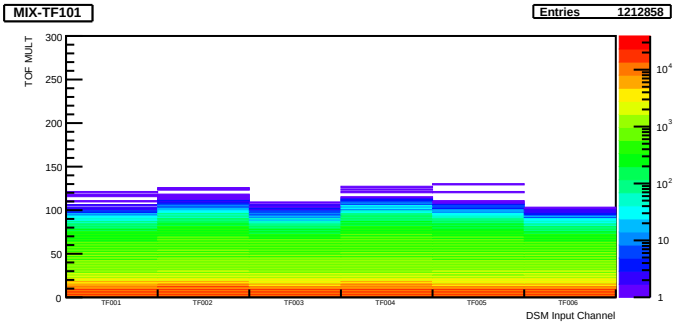

MIX-TF002
Entries 4245003
TOF MULT
TOF tray

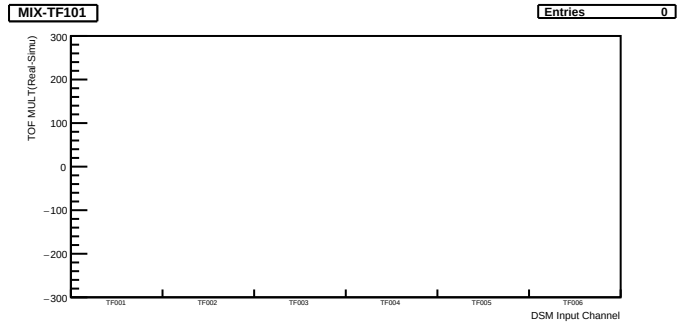

MIX-TF003
Entries 4245003
TOF MULT
TOF tray

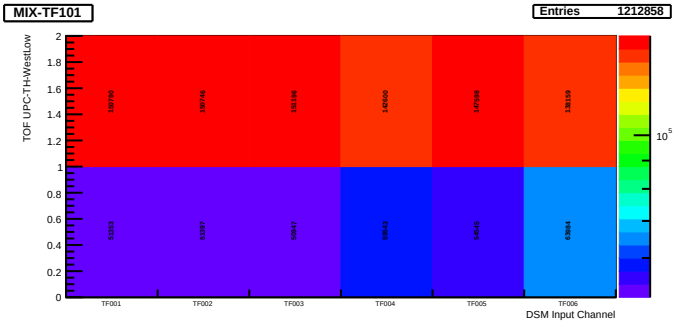

MIX-TF004
Entries 4245003
TOF MULT
TOF tray

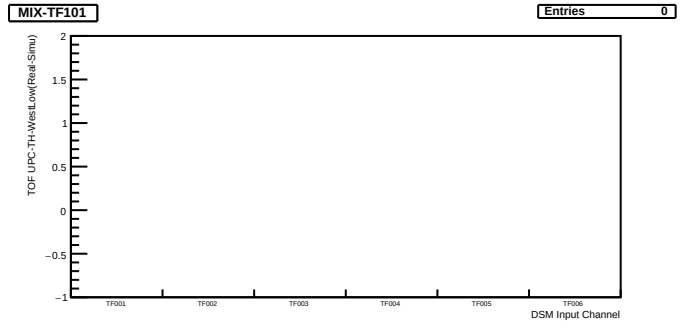

MIX-TF005
Entries 4245003
TOF MULT
TOF tray

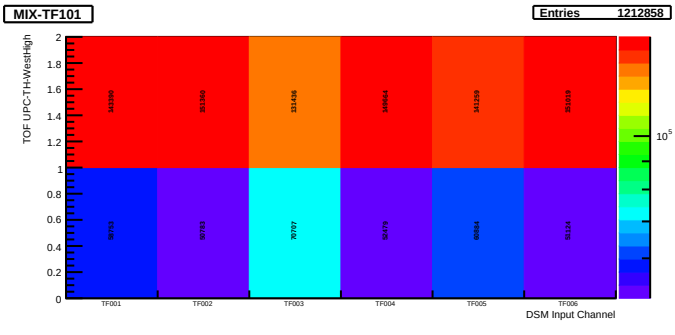

MIX-TF006
Entries 4245003
TOF MULT
TOF tray

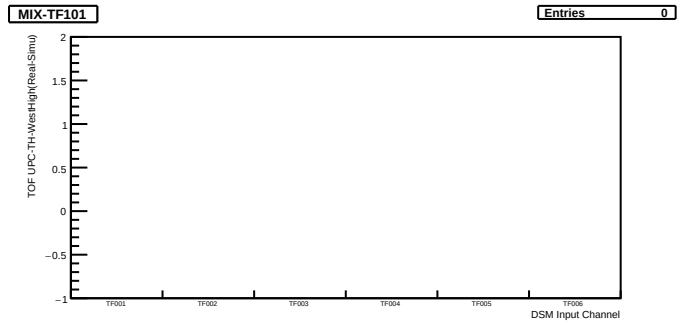

MIX-TF101
Entries 1212858
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

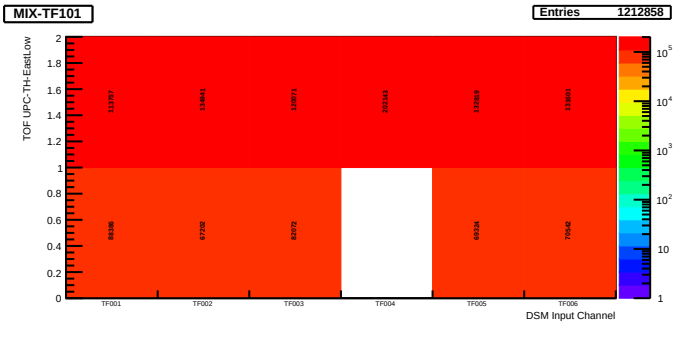

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

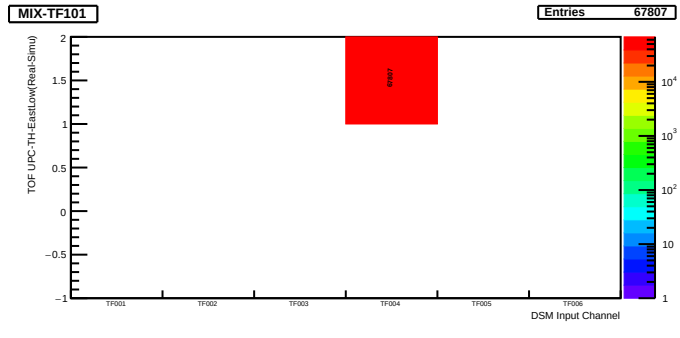

MIX-TF101
Entries 1212858
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

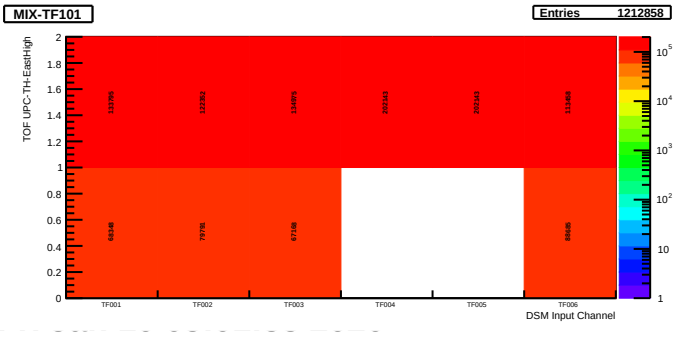

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

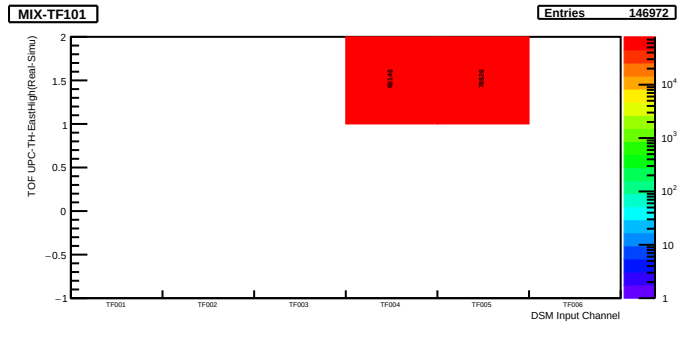

MIX-TF101
Entries 1212858
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

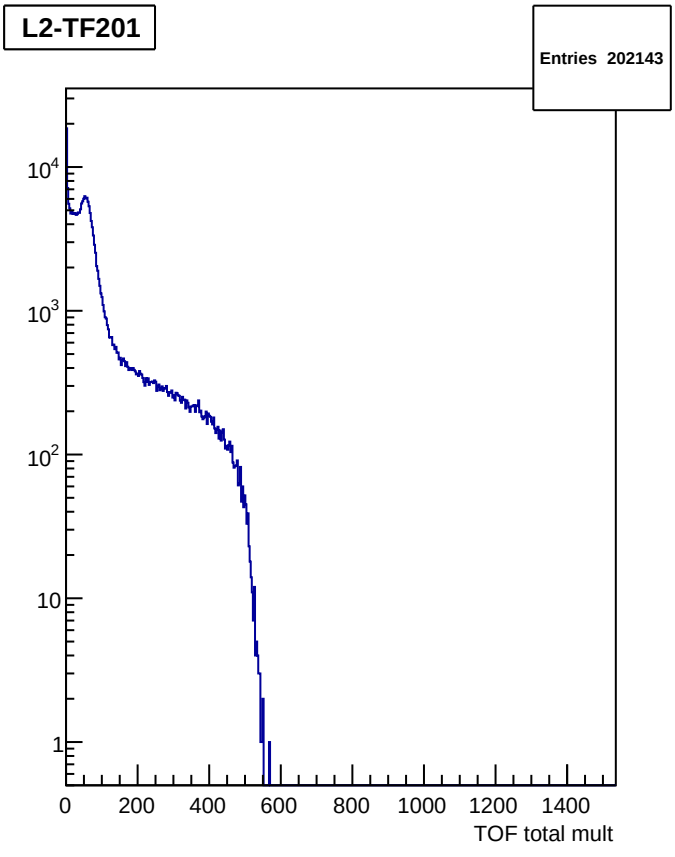

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

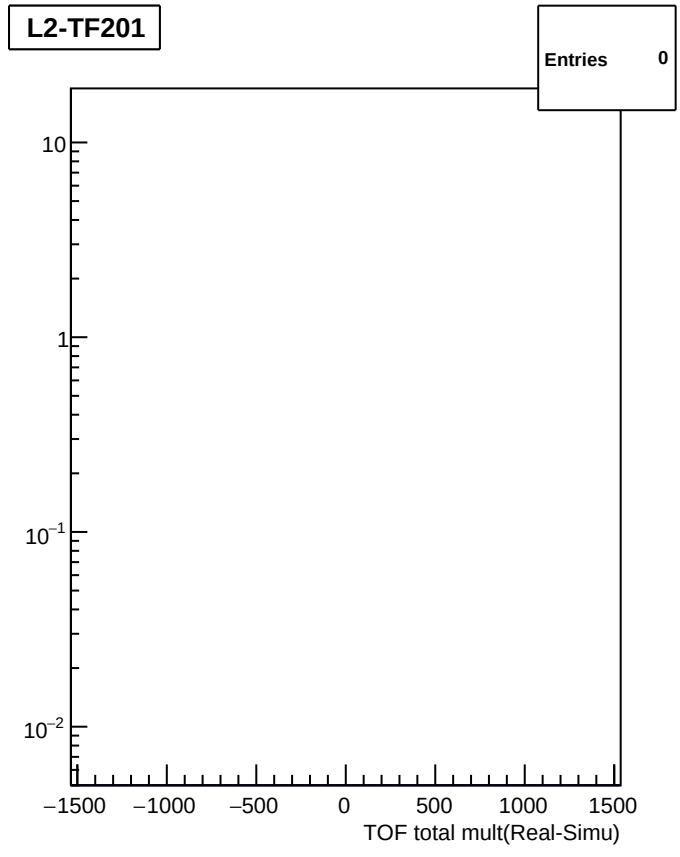

MIX-TF101
Entries 1212858
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

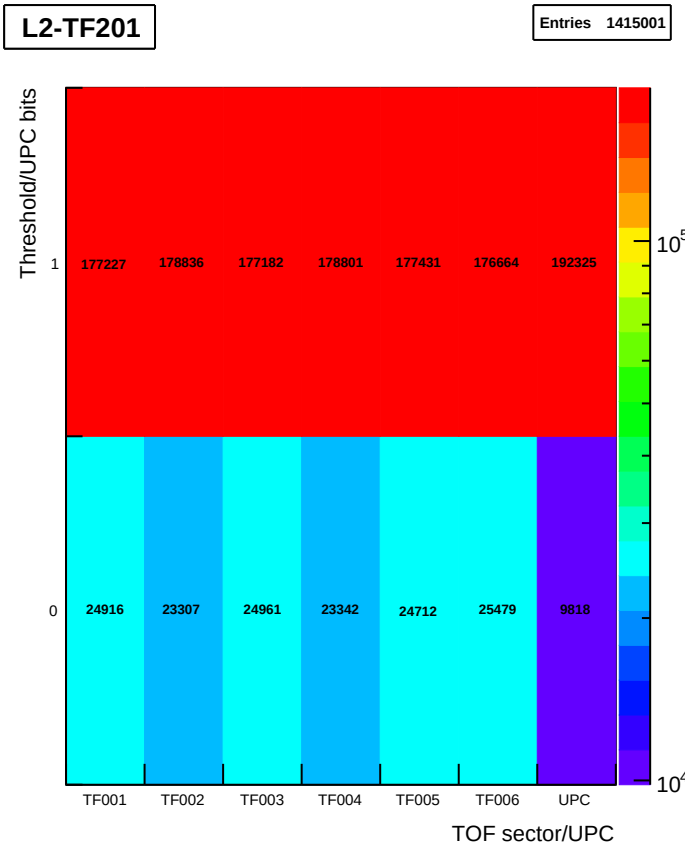

MIX-TF101
Entries 67807
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

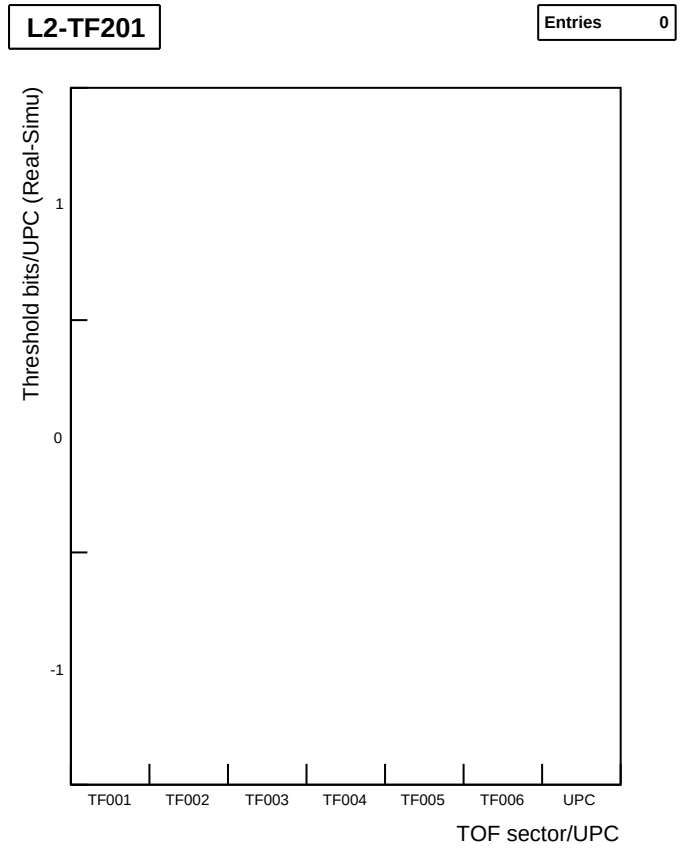

MIX-TF101
Entries 1212858
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

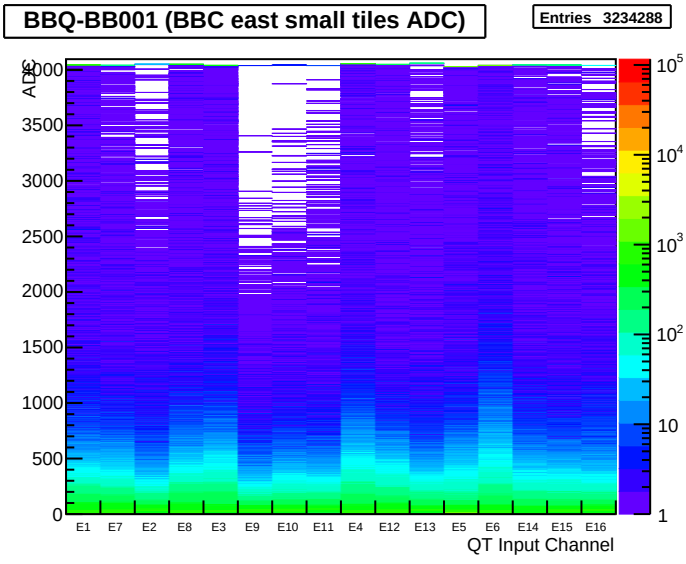

MIX-TF101
Entries 146972
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

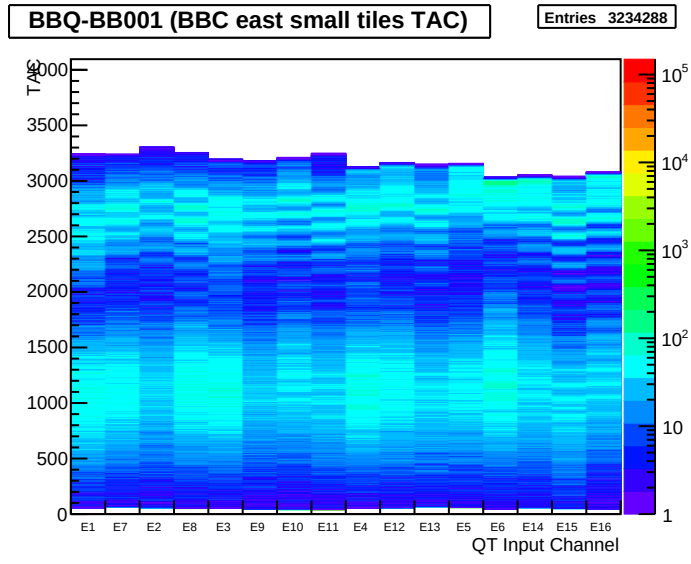

L2-TF201
Entries 202143
TOF total mult

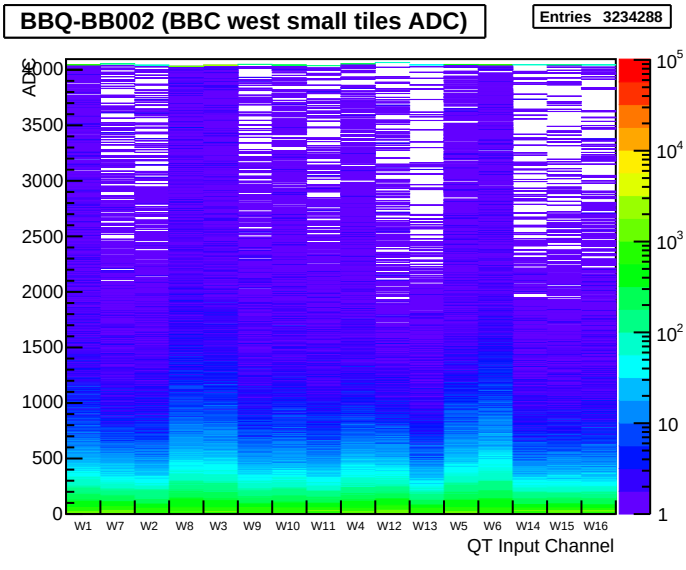

L2-TF201
Entries 0
TOF total mult(Real-Simu)

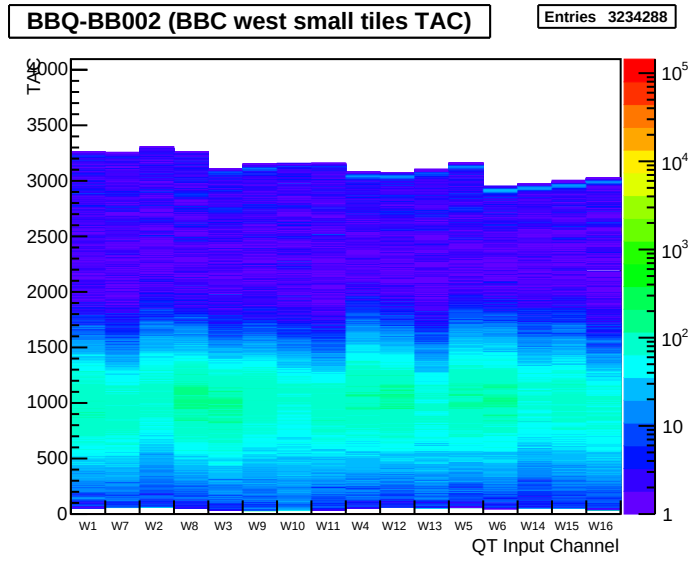

L2-TF201
Entries 1415001
Threshold/UPC bits
177227
178836
177182
178801
177431
176664
192325
24916
23307
24961
23342
24712
25479
9818
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

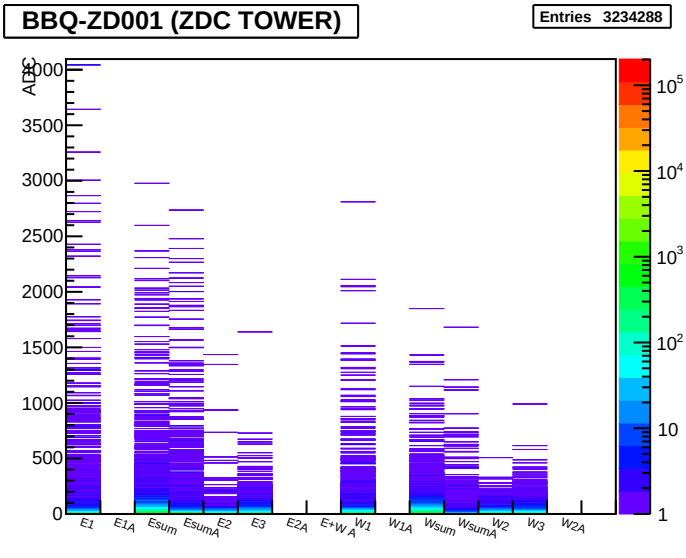

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

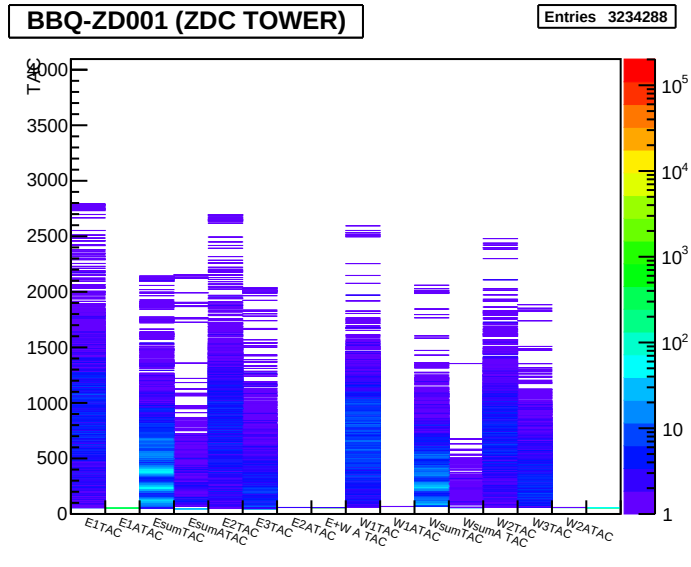

BBQ-BB001 (BBC east small tiles ADC)
Entries 3234288
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

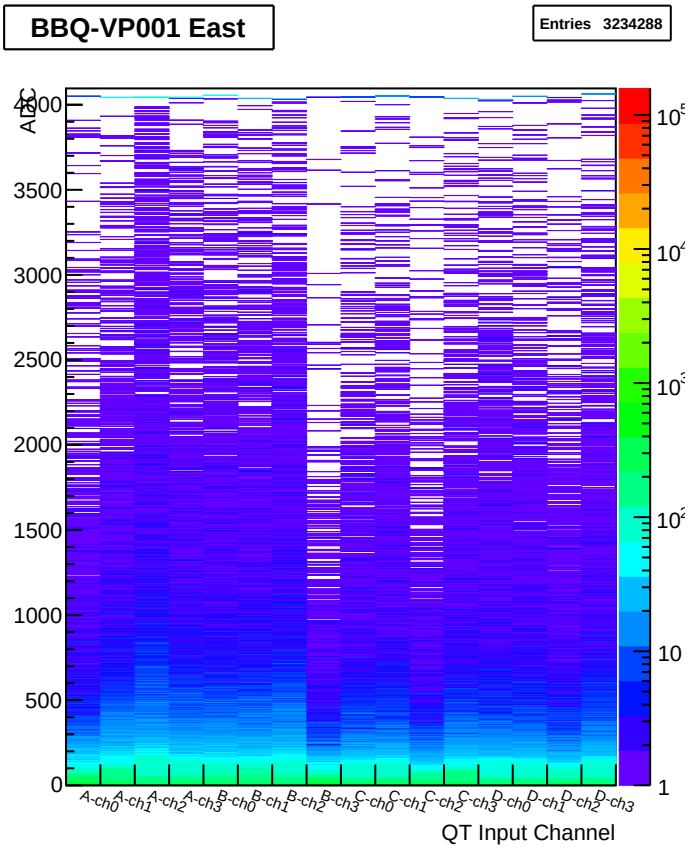

BBQ-BB001 (BBC east small tiles TAC)
Entries 3234288
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

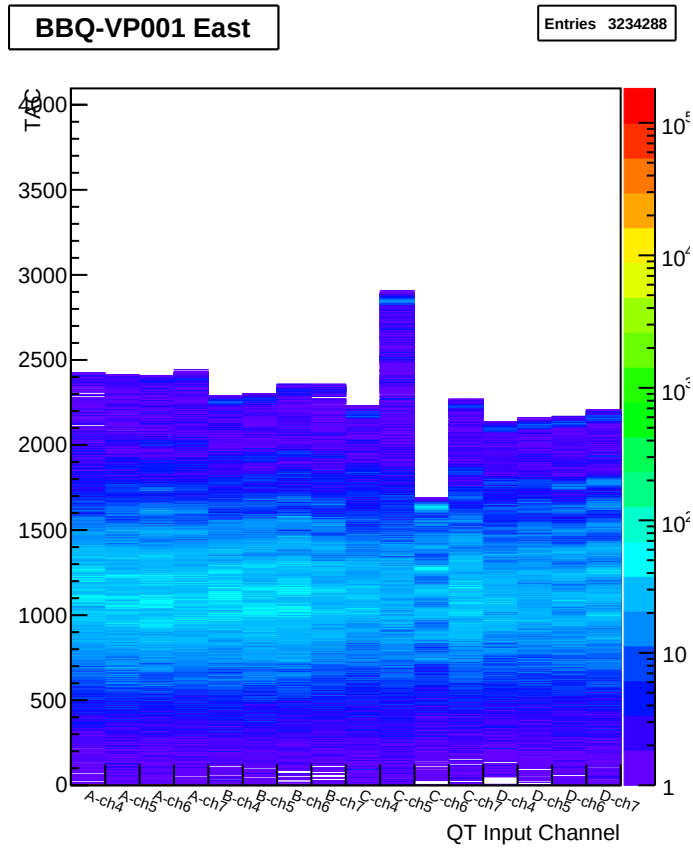

BBQ-BB002 (BBC west small tiles ADC)
Entries 3234288
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

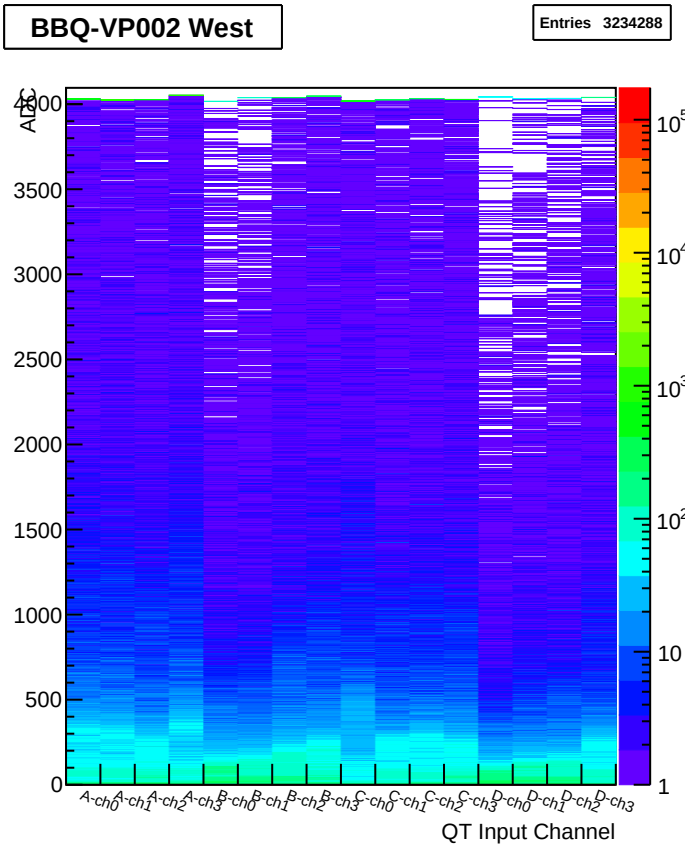

BBQ-BB002 (BBC west small tiles TAC)
Entries 3234288
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

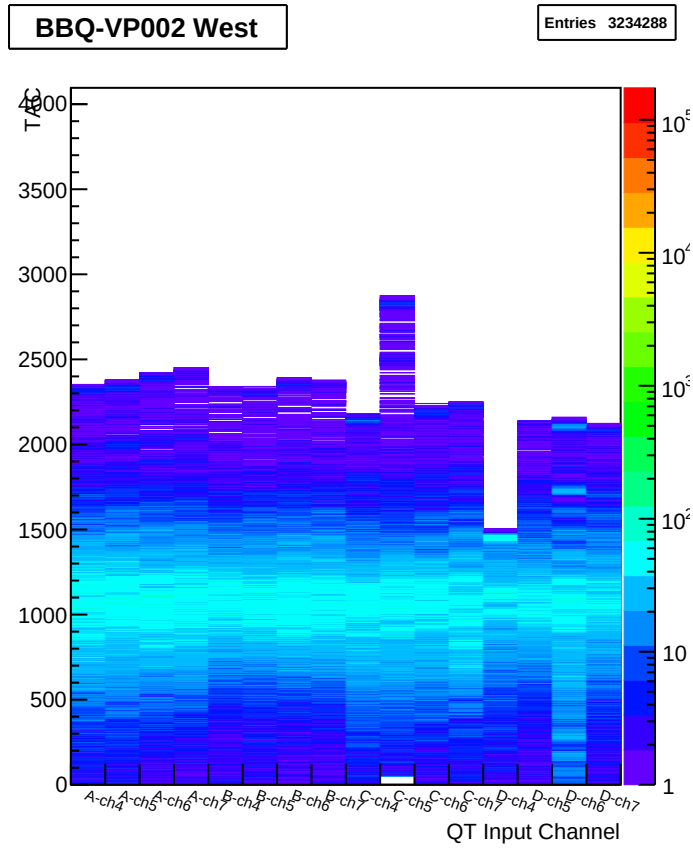

BBQ-ZD001 (ZDC TOWER)
Entries 3234288
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

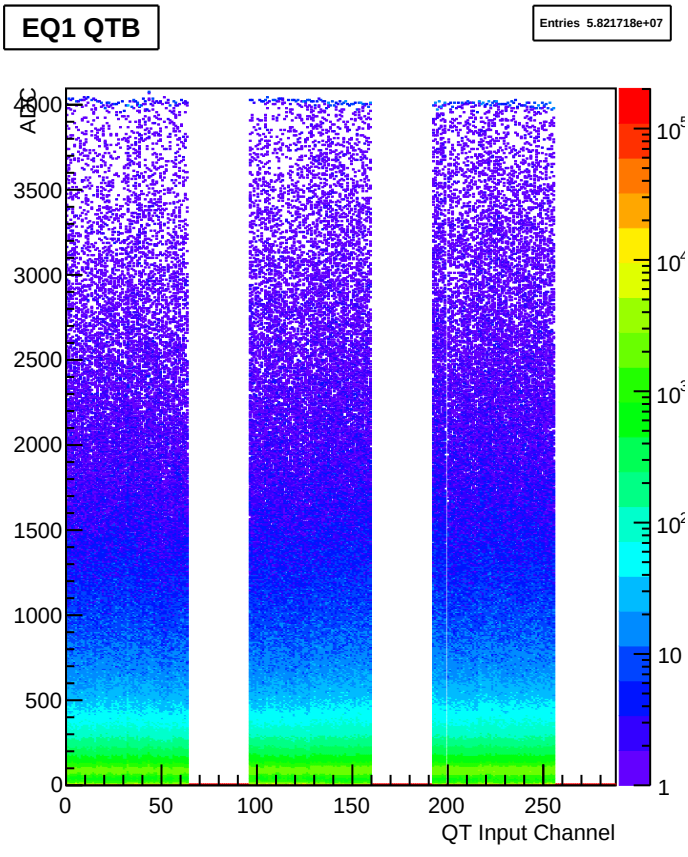

BBQ-ZD001 (ZDC TOWER)
Entries 3234288
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

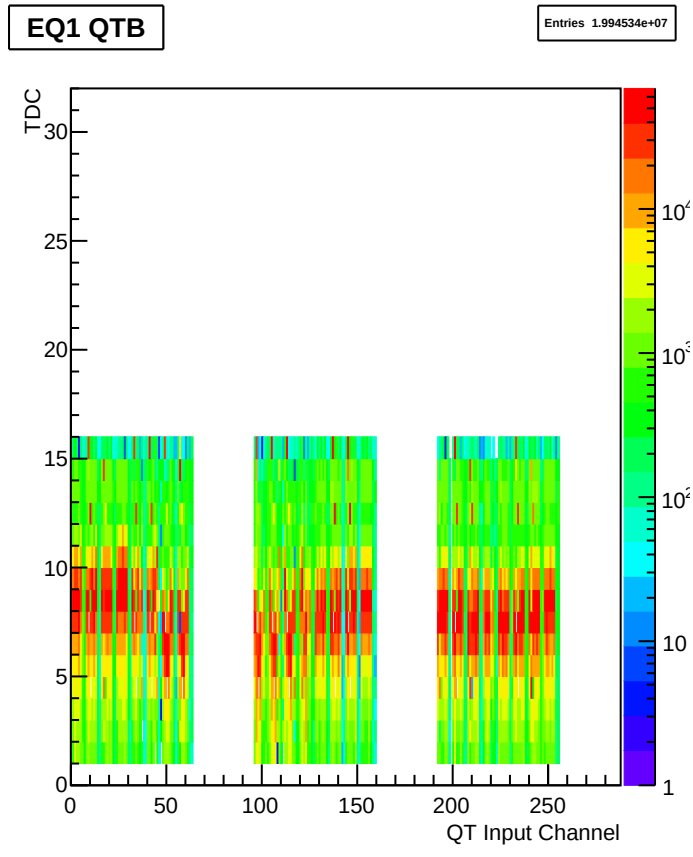

BBQ-VP001 East
Entries 3234288
ADC
QT Input Channel

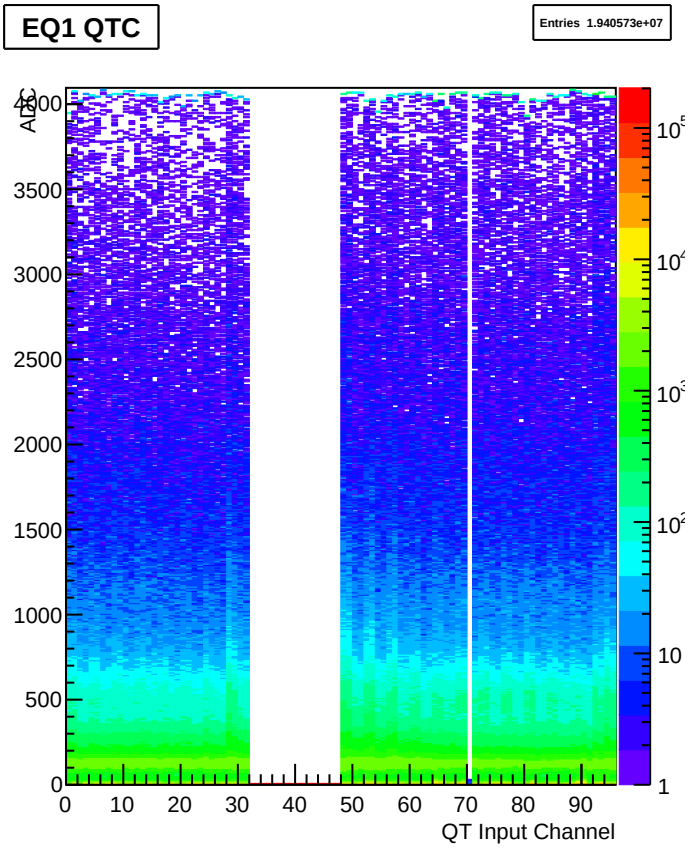

BBQ-VP001 East
Entries 3234288
ADC
QT Input Channel

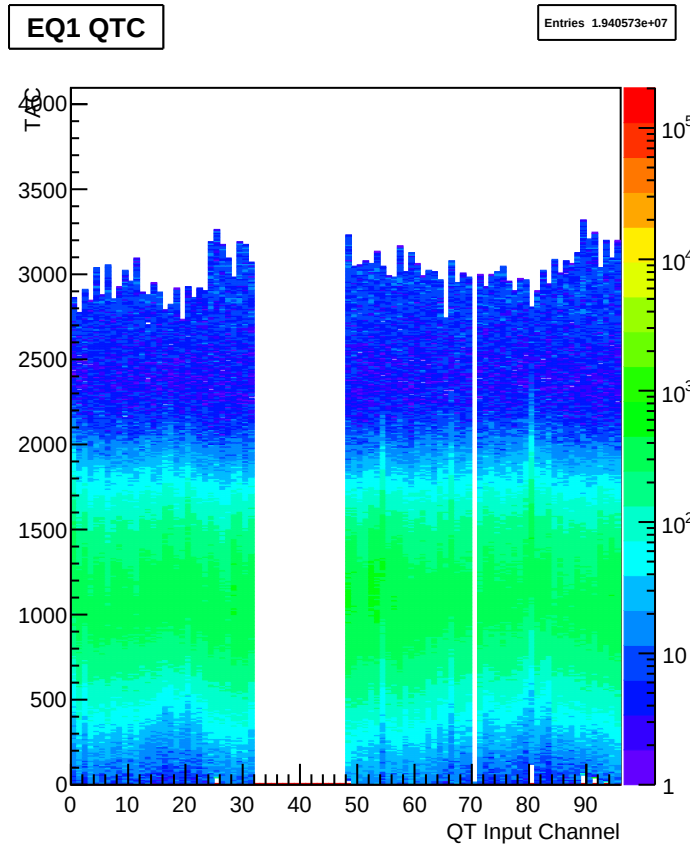

BBQ-VP002 West
Entries 3234288
ADC
QT Input Channel

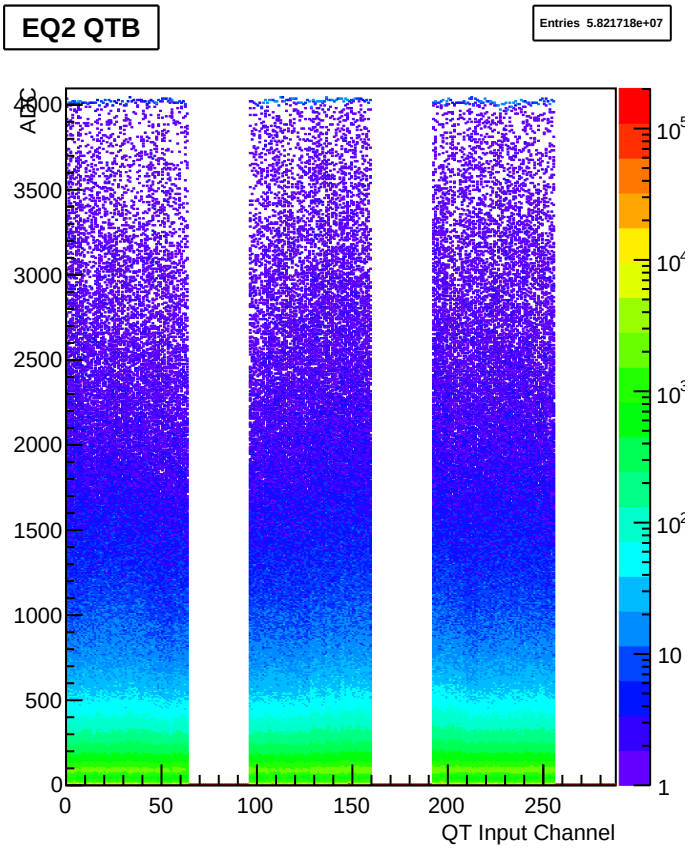

BBQ-VP002 West
Entries 3234288
ADC
QT Input Channel

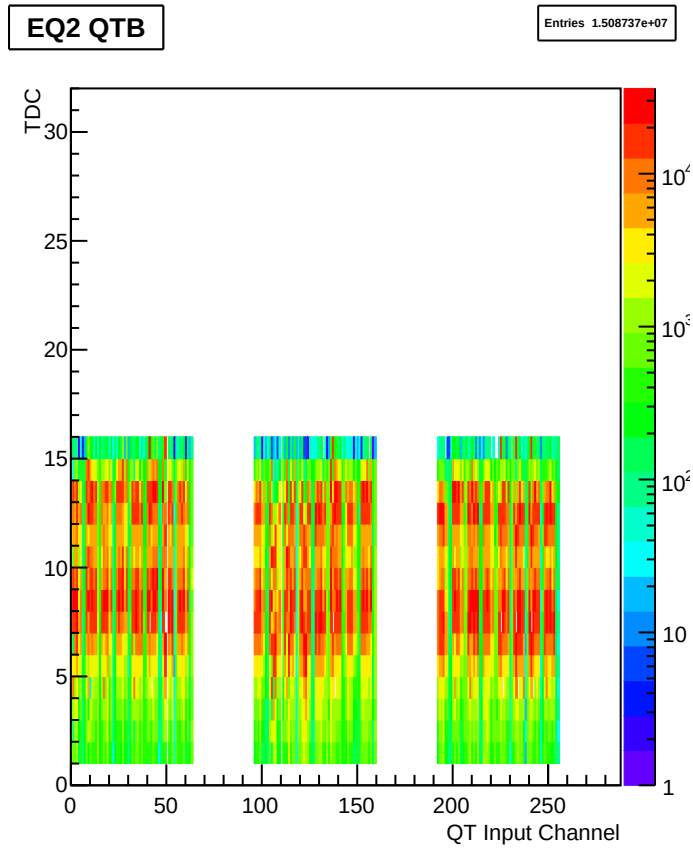

EQ1 QTB
Entries 5.821718e+07
ADC
QT Input Channel

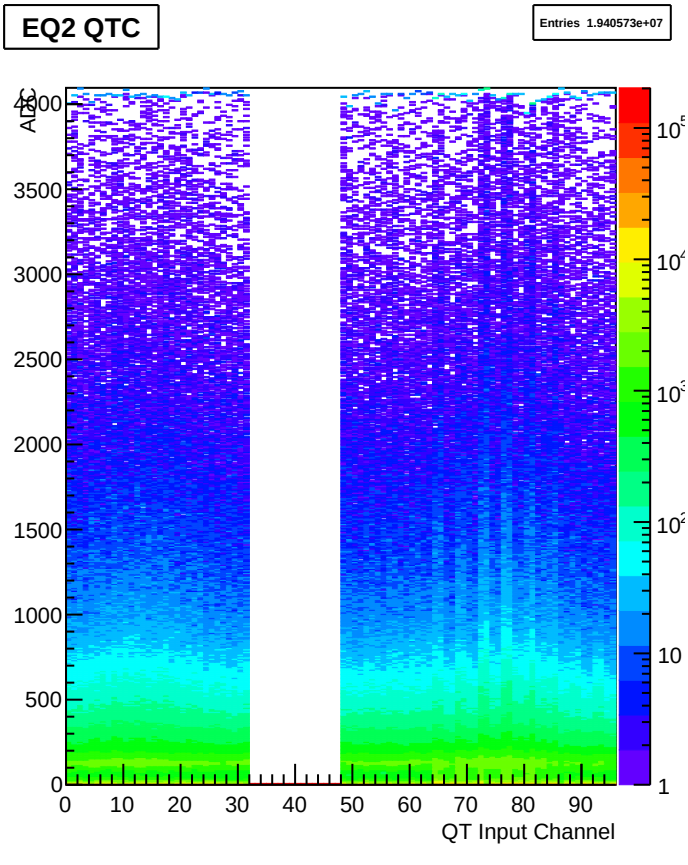

EQ1 QTB
Entries 1.994534e+07
TDC
QT Input Channel

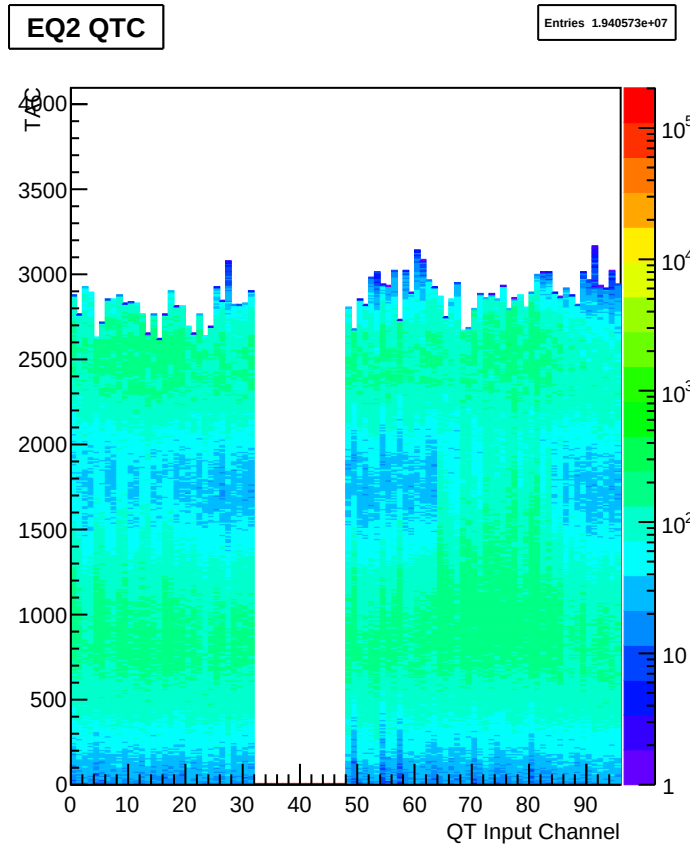

EQ1 QTC
Entries 1.940573e+07
ADC
QT Input Channel

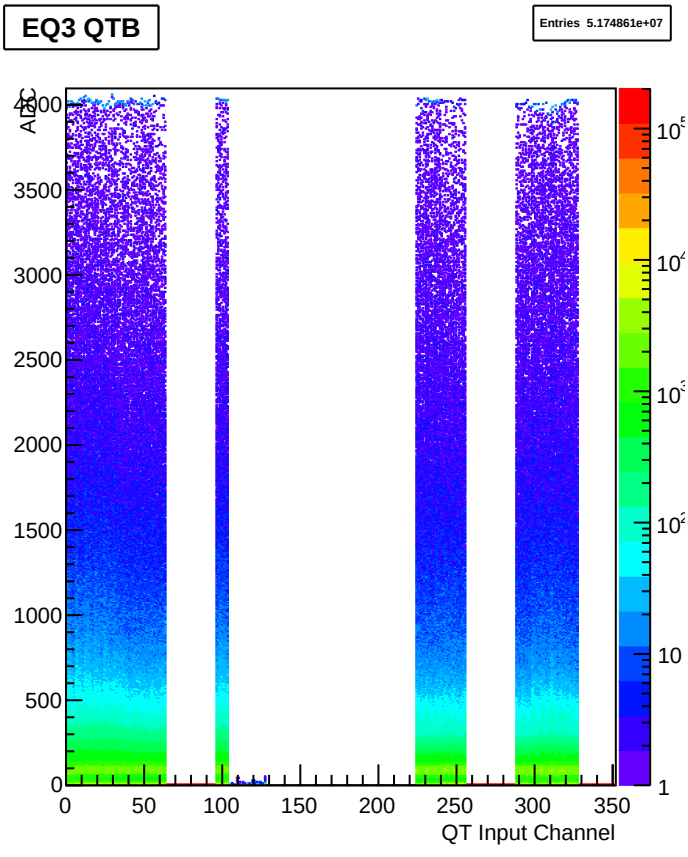

EQ1 QTC
Entries 1.940573e+07
TADC
QT Input Channel

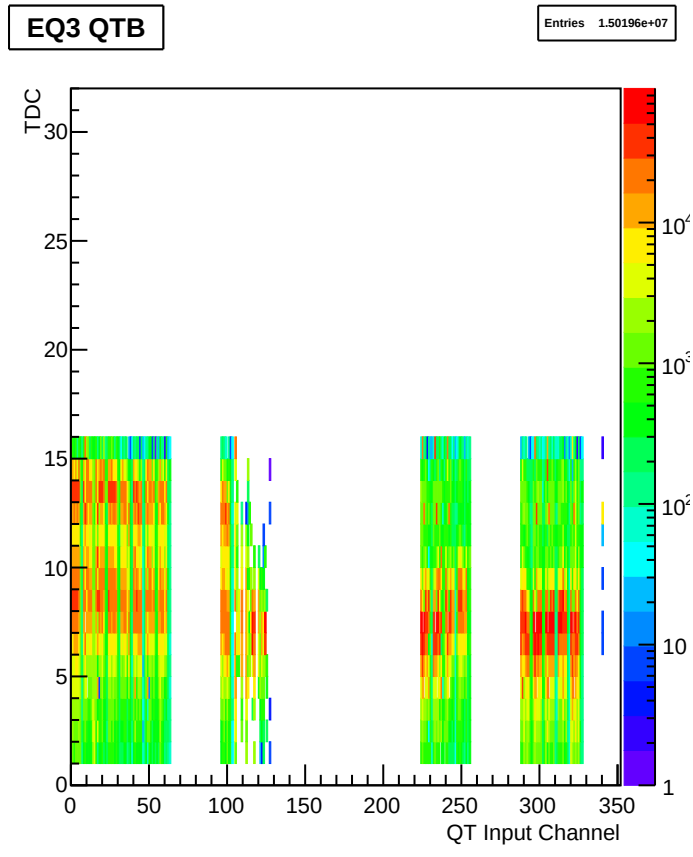

EQ2 QTB
Entries 5.821718e+07
ADC
QT Input Channel

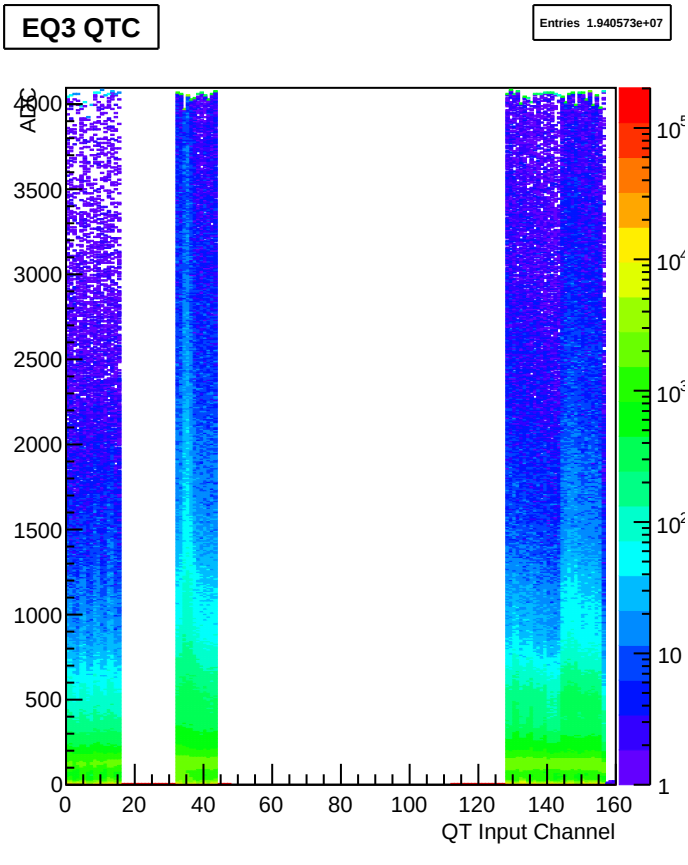

EQ2 QTB
Entries 1.508737e+07
TDC
QT Input Channel

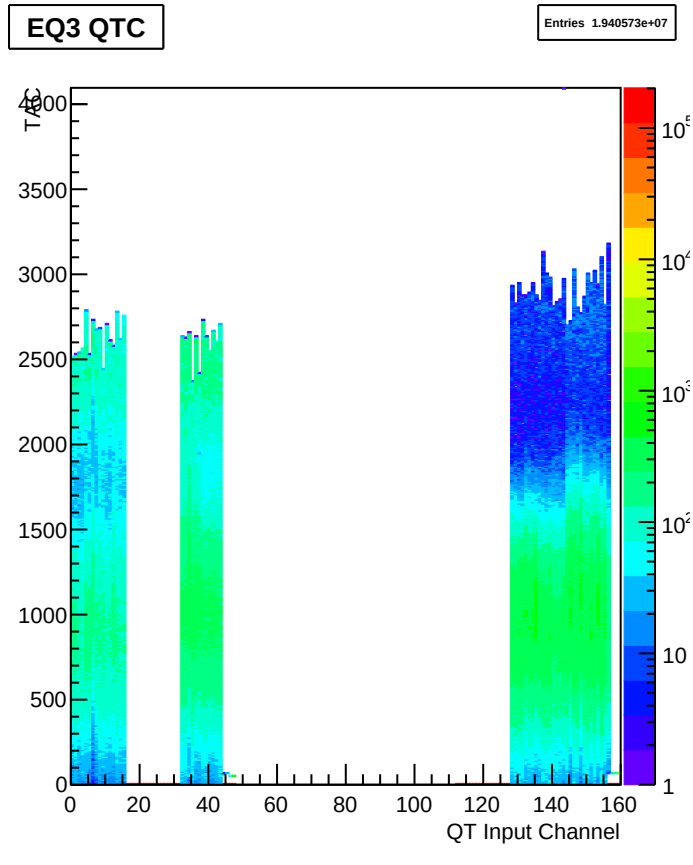

EQ2 QTC
Entries 1.940573e+07
ADC
QT Input Channel

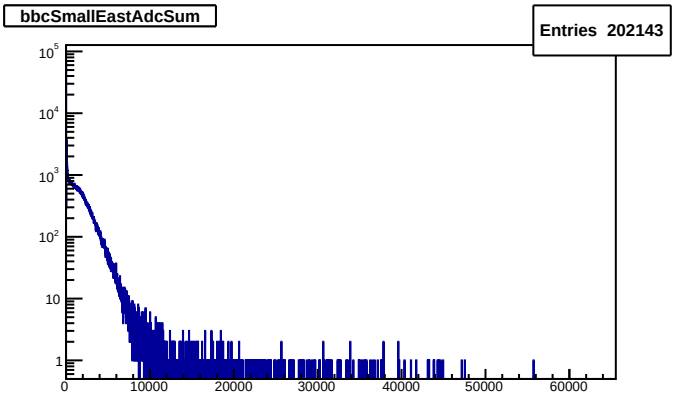

EQ2 QTC
Entries 1.940573e+07
TADC
QT Input Channel

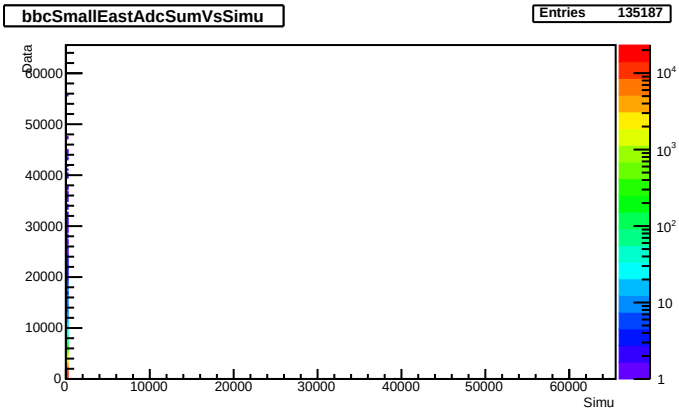

EQ3 QTB
Entries 5.174861e+07
ADC
QT Input Channel

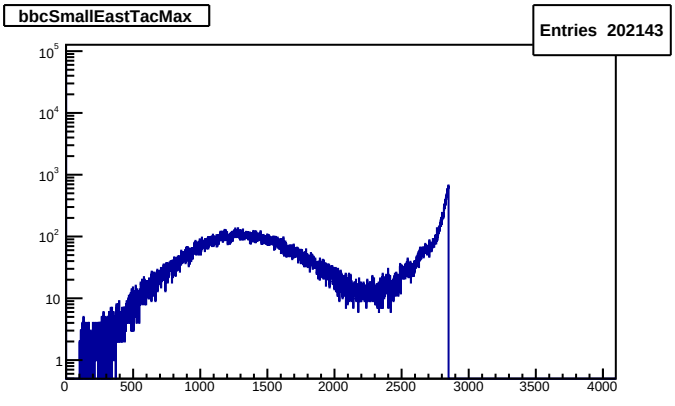

EQ3 QTB
Entries 1.50196e+07
TDC
QT Input Channel

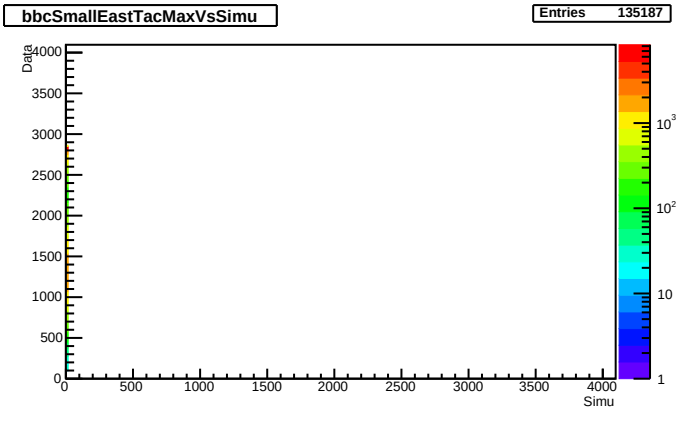

EQ3 QTC
Entries 1.940573e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.940573e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 202143


bbcSmallEastAdcSumVsSimu
Entries 135187
Data
Simu


bbcSmallEastTacMax
Entries 202143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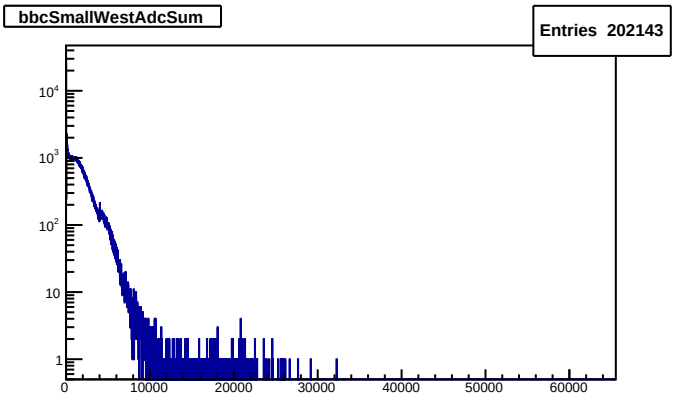
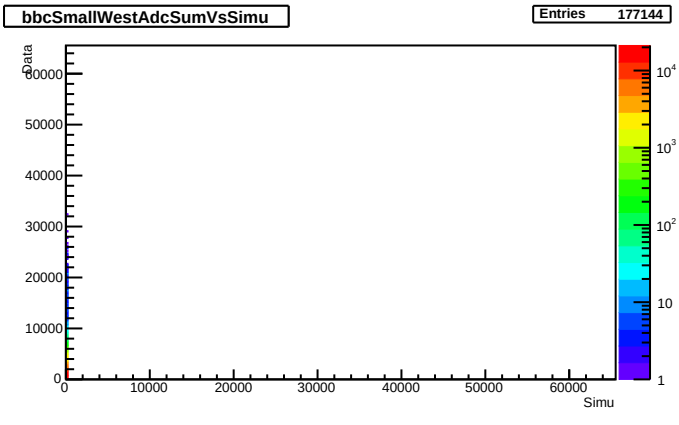
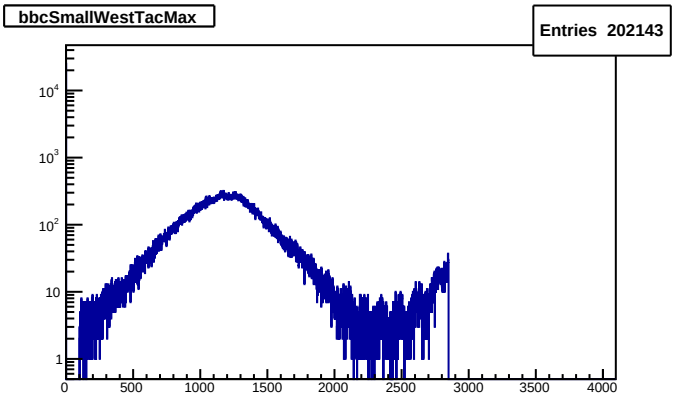
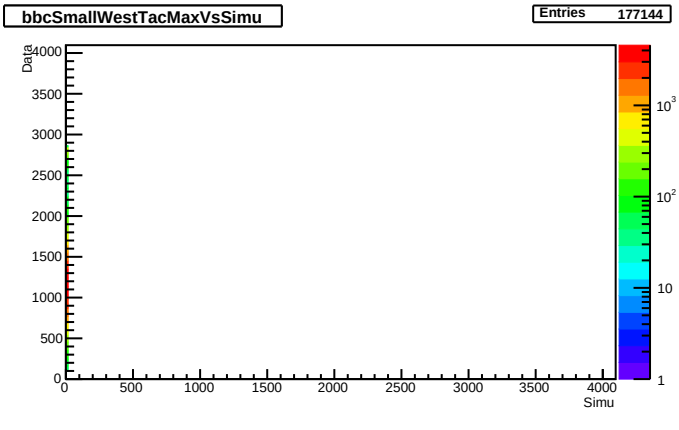
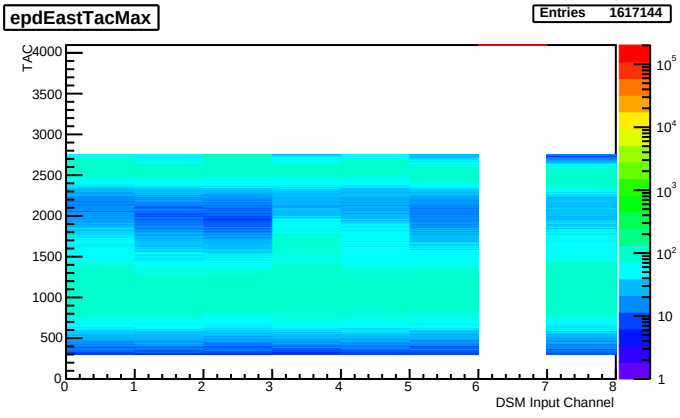
Entries 135187
Data
Simu

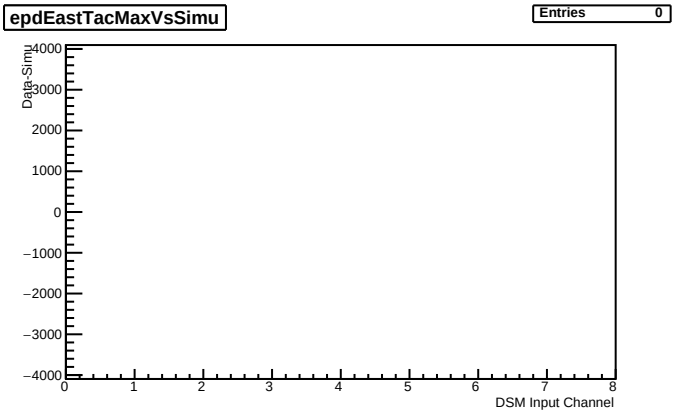

bbcSmallWestAdcSum
Entries 202143

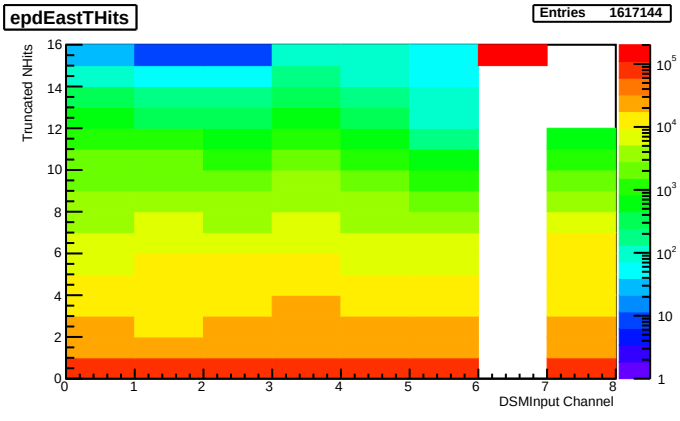

bbcSmallWestAdcSumVsSimu
Entries 177144
Data
Simu

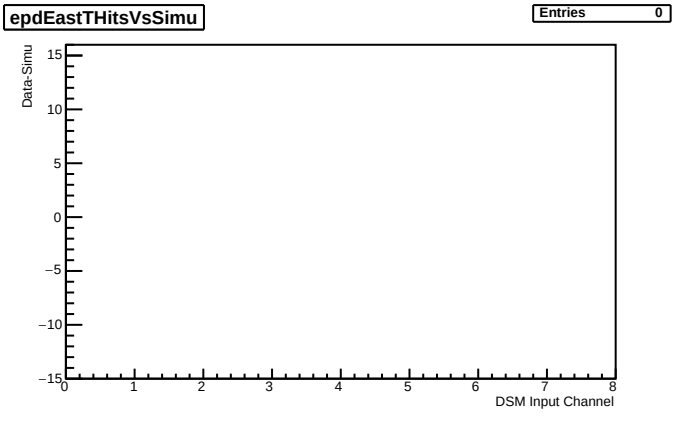

bbcSmallWestTacMax
Entries 202143


bbcSmallWestTacMaxVsSimu
Entries 177144
Data
Simu


epdEastTacMax
Entries 1617144
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1617144
Truncated NHits
DSMInput Channel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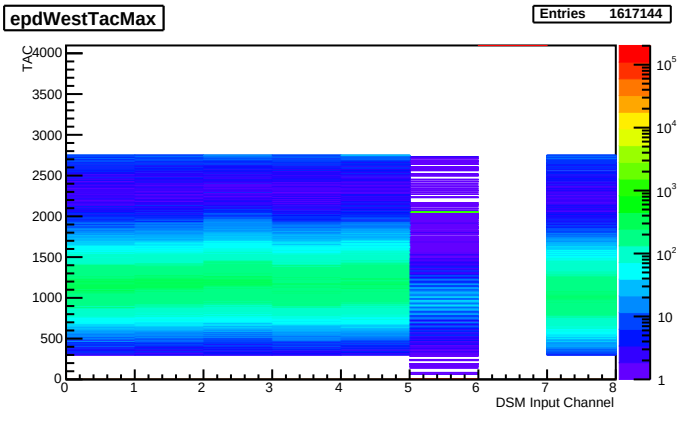
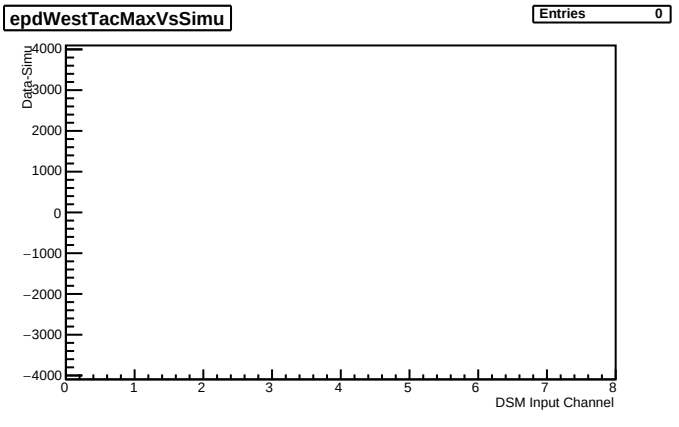
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1617144
TAC
DSM Input Channel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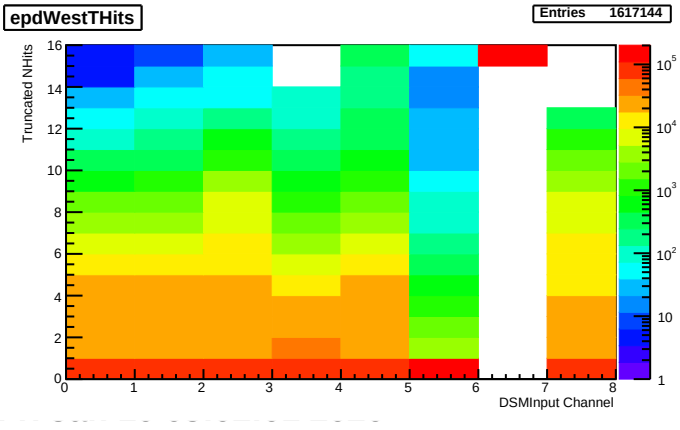
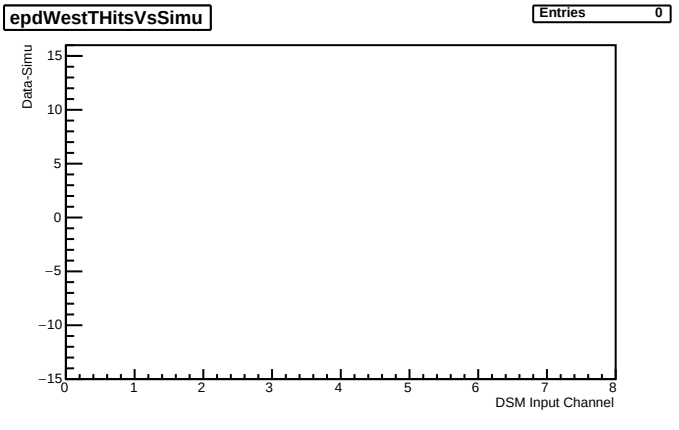
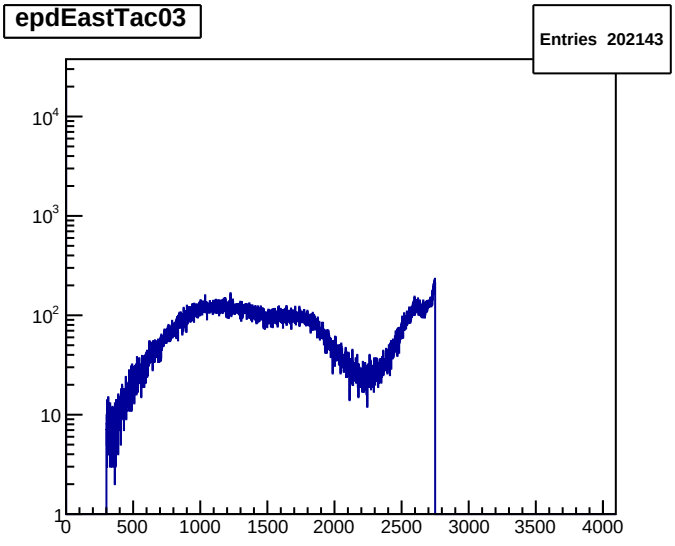
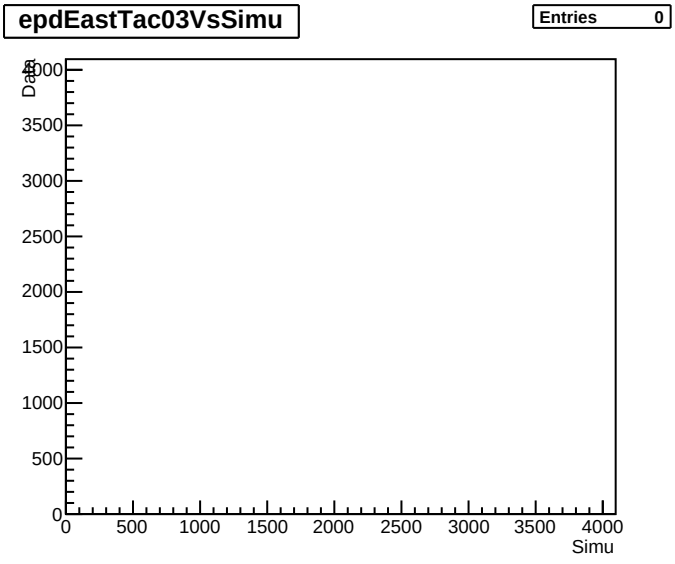
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1617144
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 202143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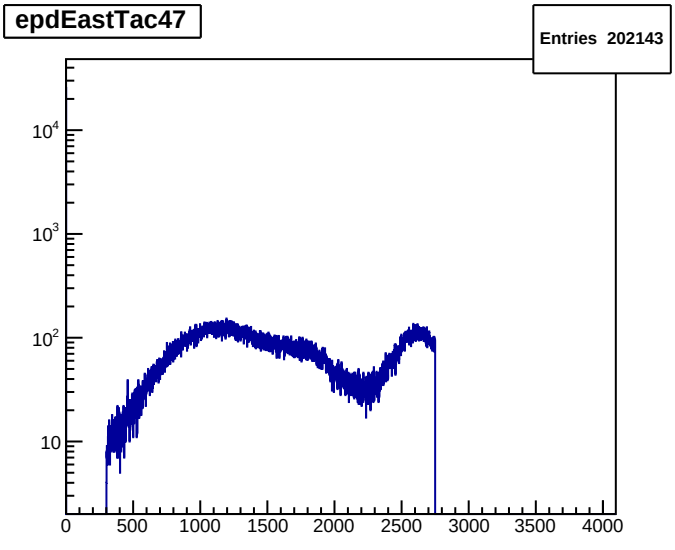
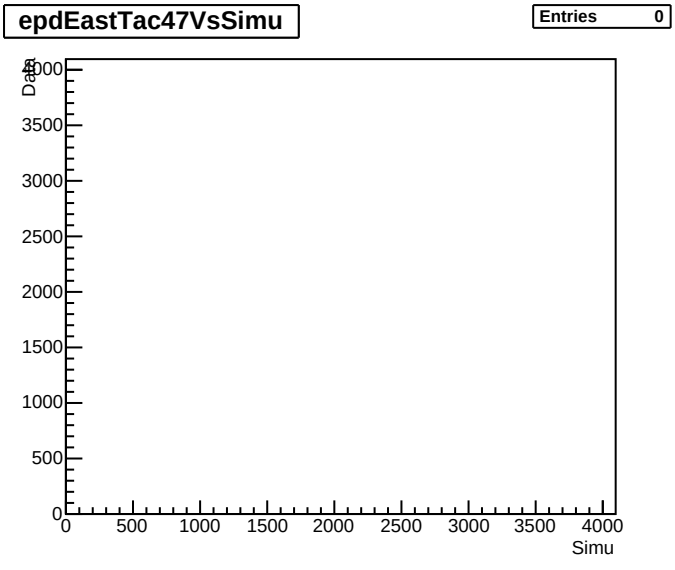
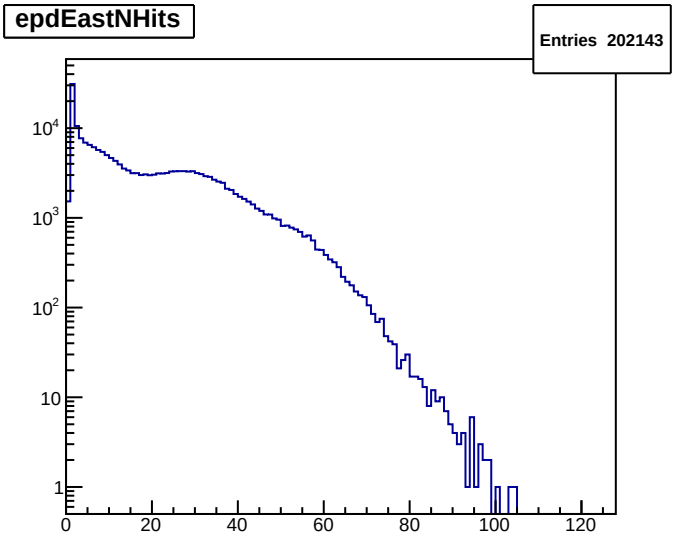
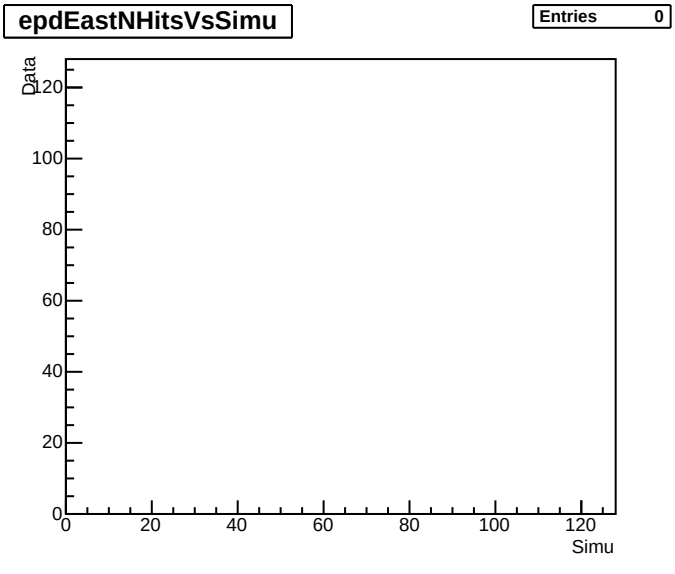
Entries 0
Data
Simu


epdEastTac47
Entries 202143


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 202143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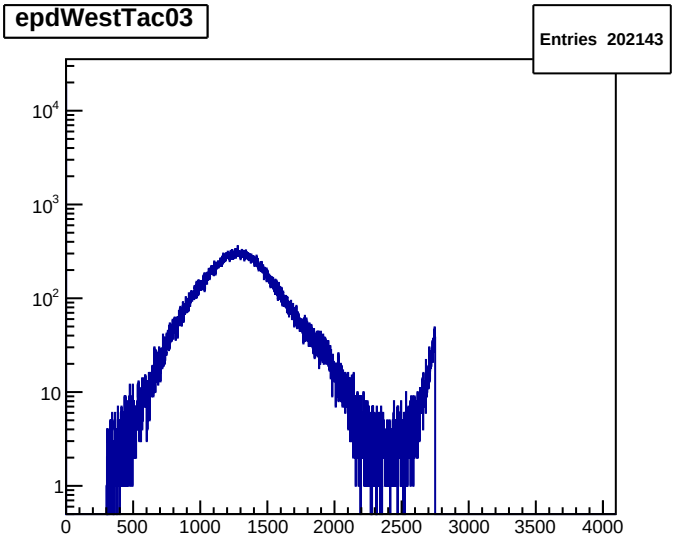
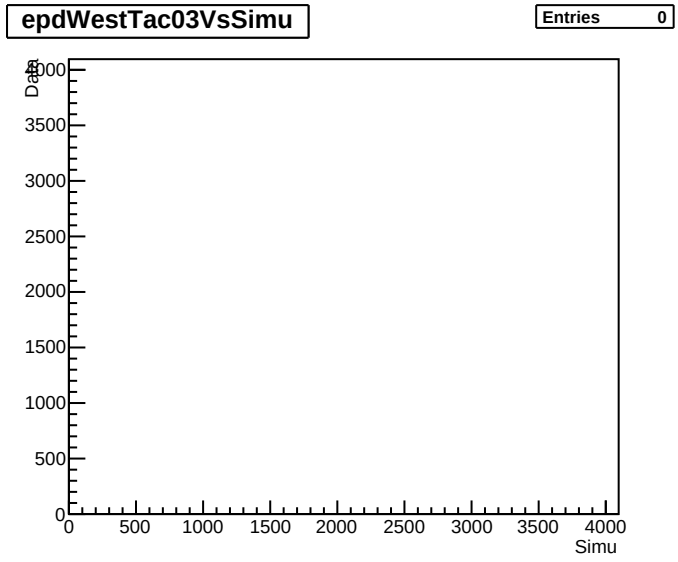
Entries 0
Data
Simu


epdWestTac03
Entries 202143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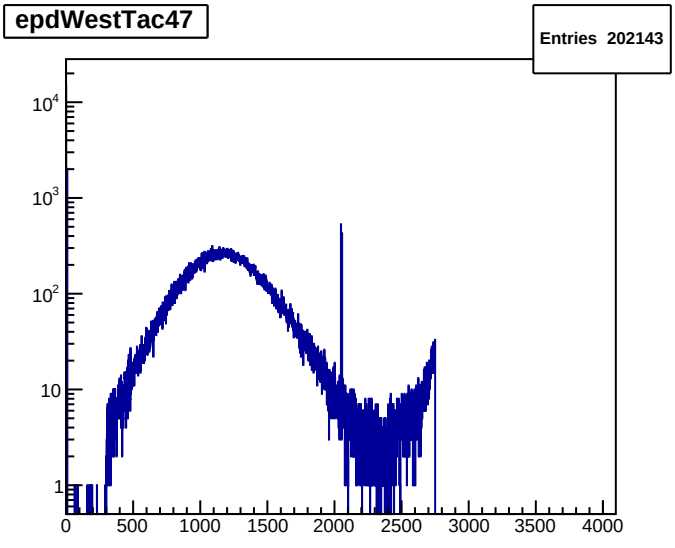
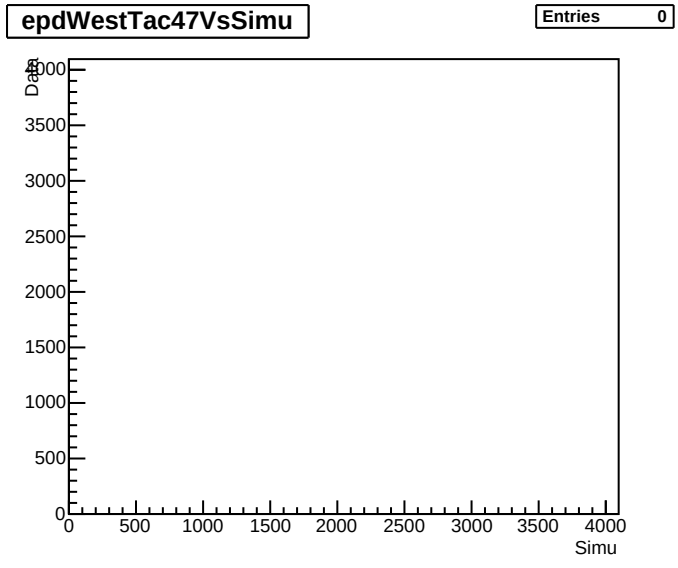
Entries 0
Data
Simu


epdWestTac47
Entries 202143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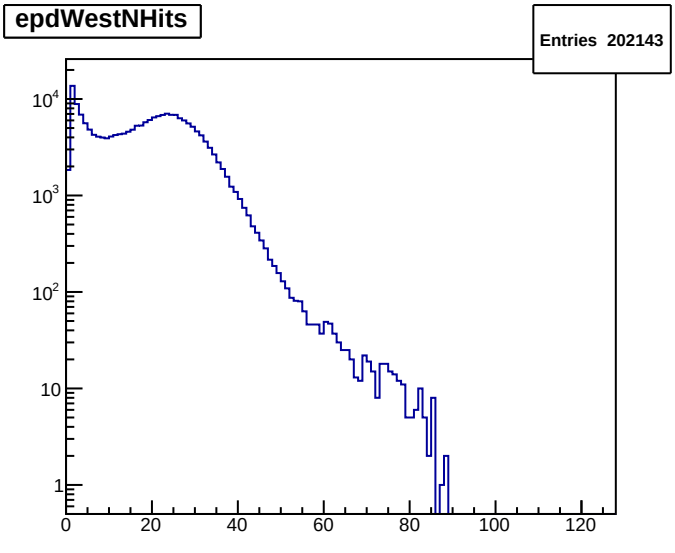
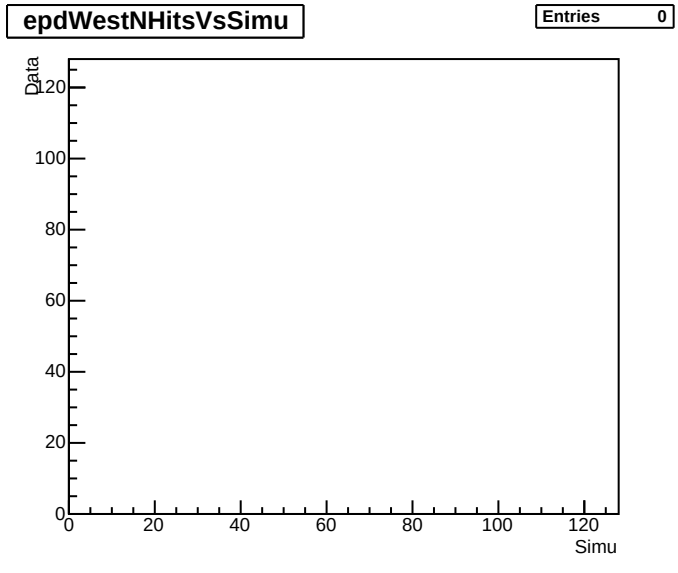
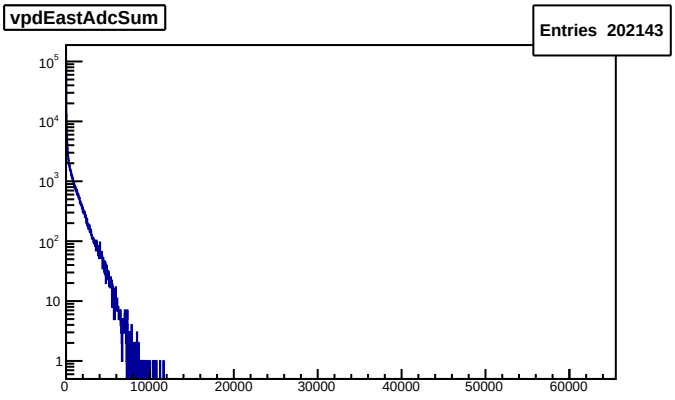
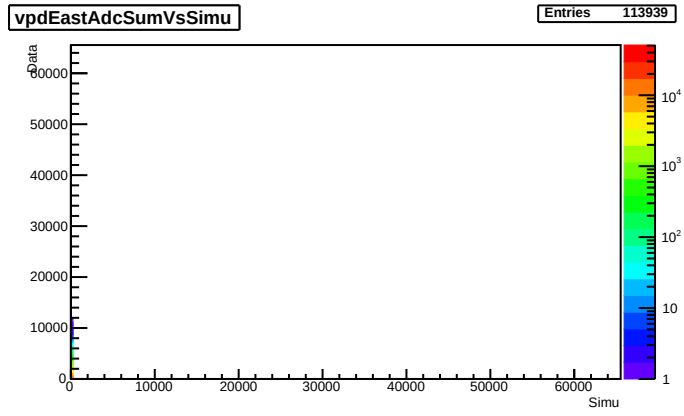
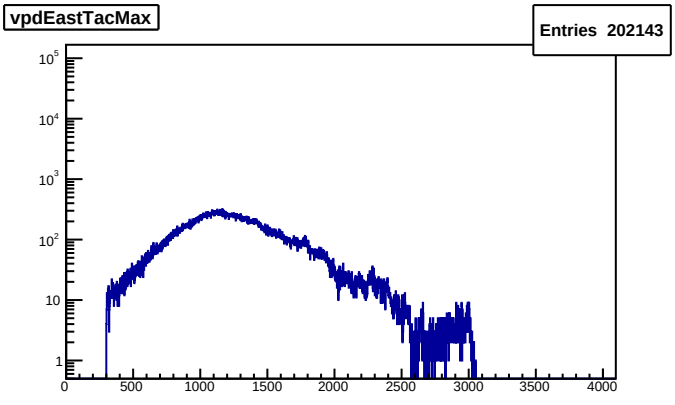
Entries 0
Data
Simu

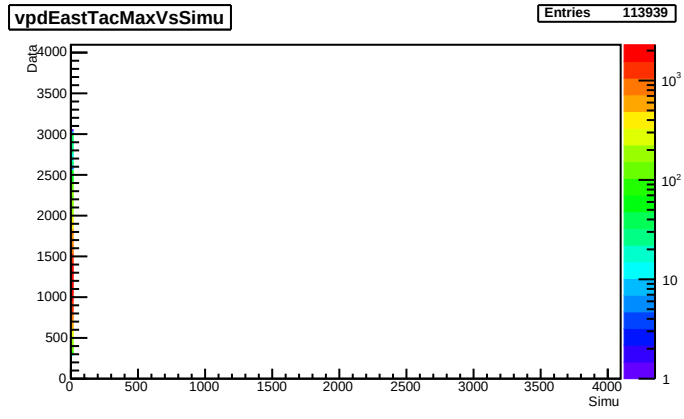

epdWestNHits
Entries 202143

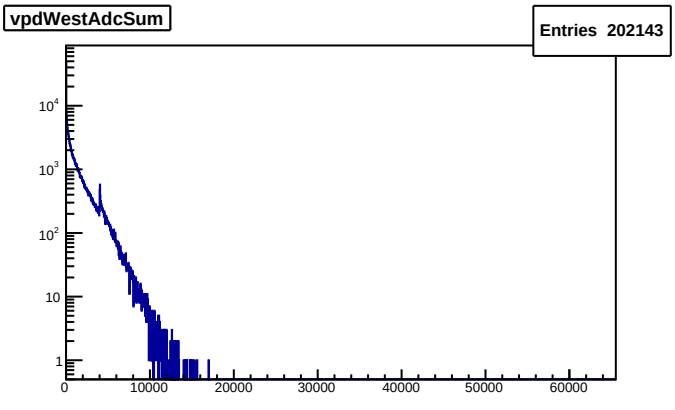

epdWestNHitsVsSimu
Entries 0
Data
Simu

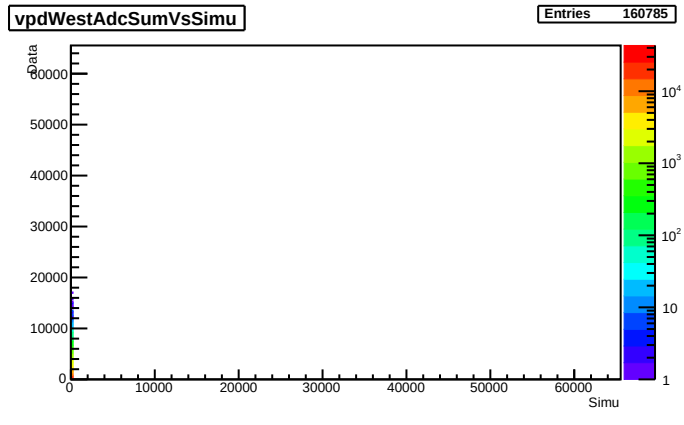

vpdEastAdcSum
Entries 202143

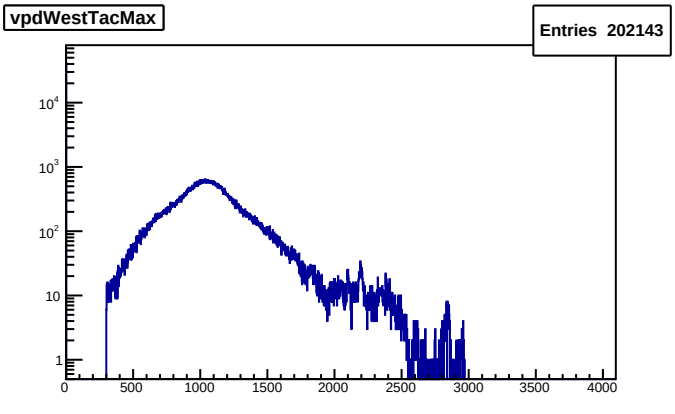

vpdEastAdcSumVsSimu
Entries 113939
Data
Simu

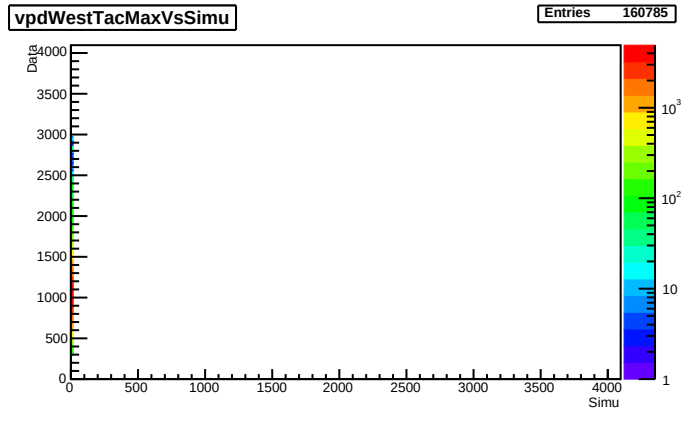

vpdEastTacMax
Entries 202143

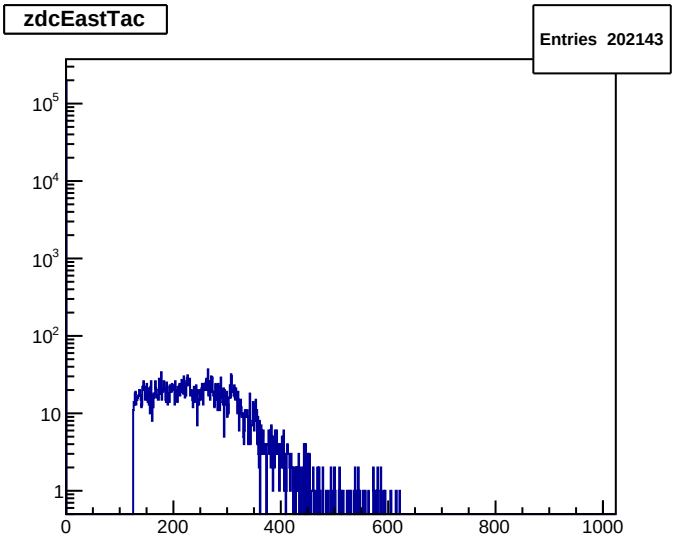

vpdEastTacMaxVsSimu
Entries 113939
Data
Simu

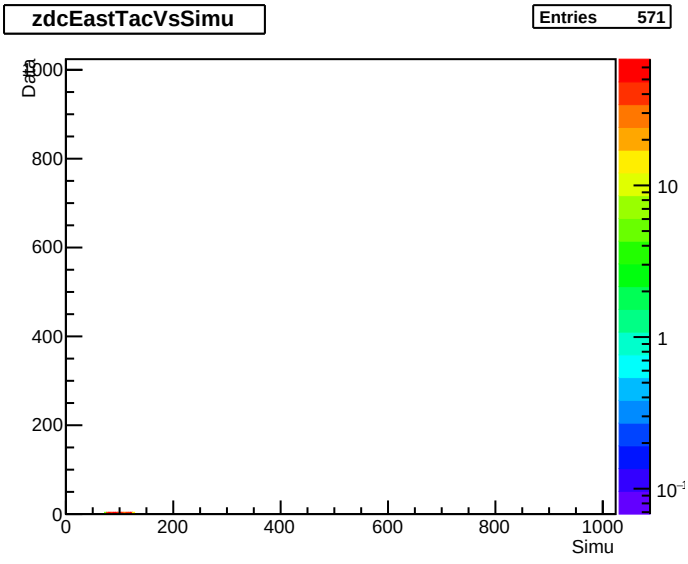

vpdWestAdcSum
Entries 202143

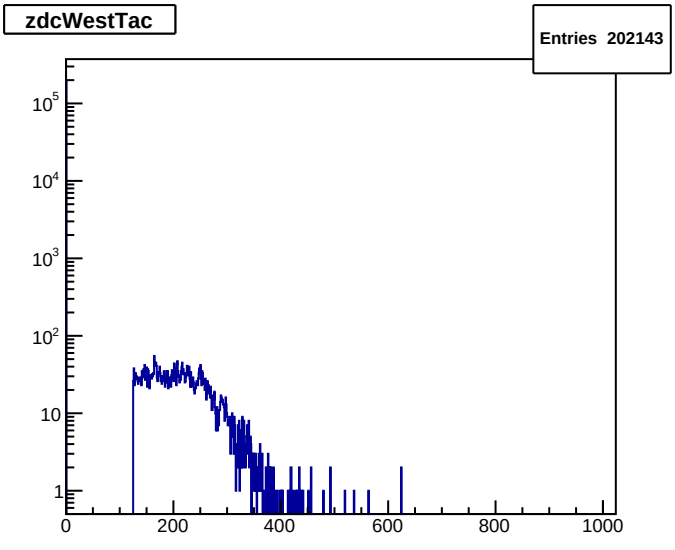

vpdWestAdcSumVsSimu
Entries 160785
Data
Simu

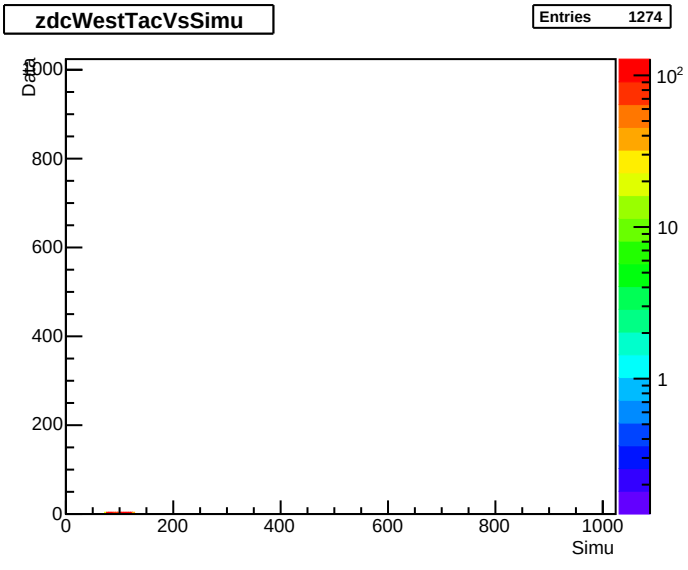

vpdWestTacMax
Entries 202143

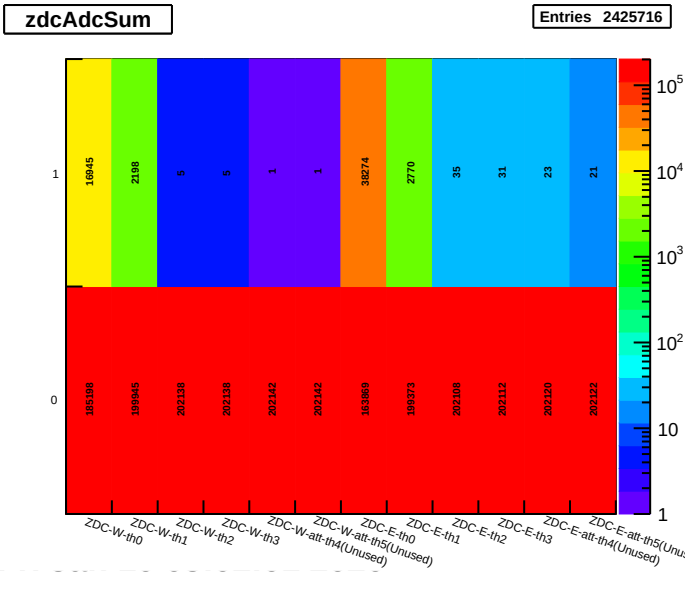

vpdWestTacMaxVsSimu
Entries 160785
Data
Simu

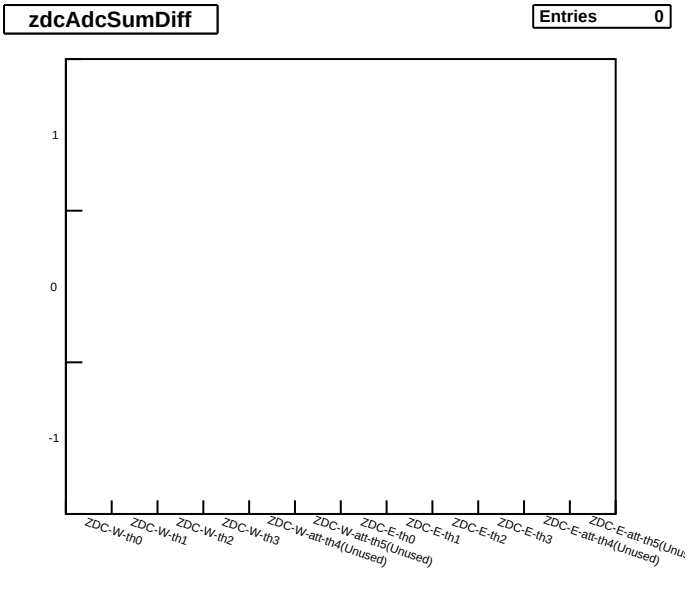

zdcEastTac
Entries 202143

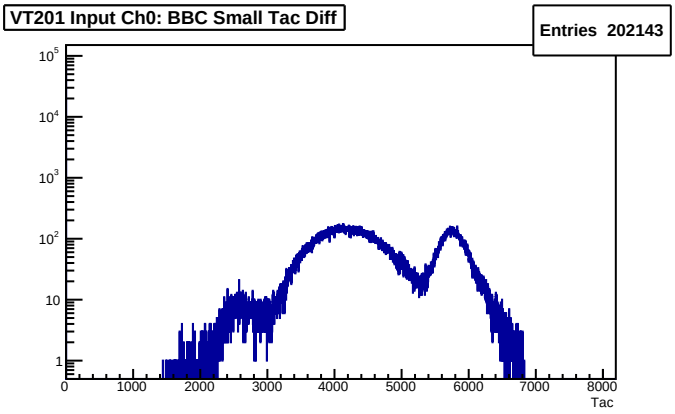

zdcEastTacVsSimu
Entries 571
Data
Simu

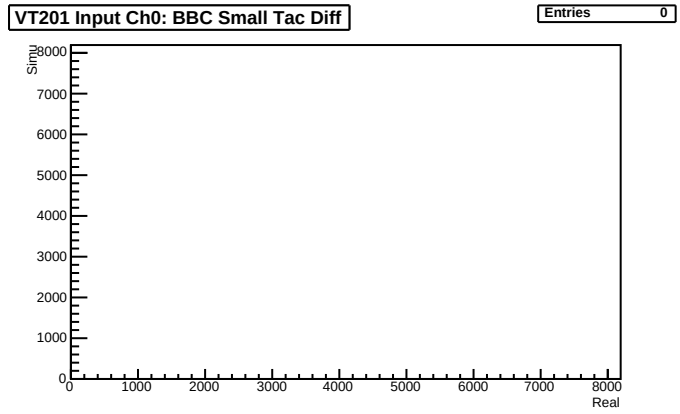

zdcWestTac
Entries 202143

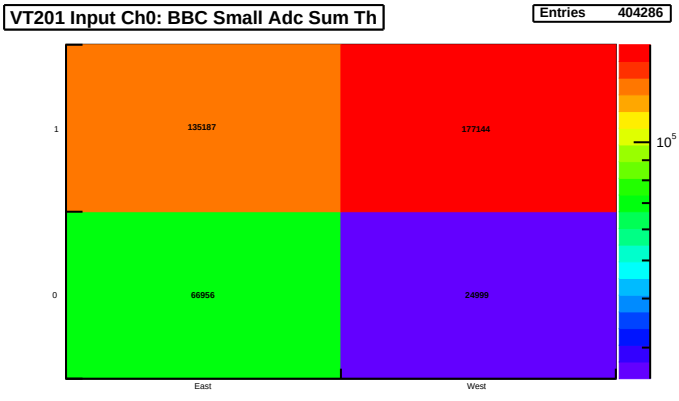

zdcWestTacVsSimu
Entries 1274
Data
Simu

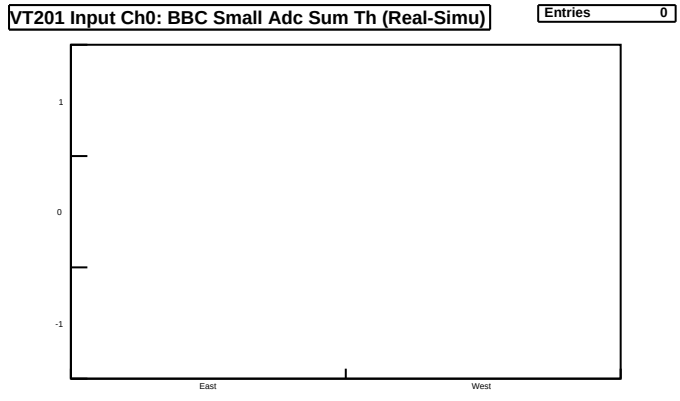

zdcAdcSum
Entries 2425716
16945
2198
5
5
1
1
38274
2770
35
31
23
21
185198
199945
202138
202138
202142
202142
163869
199373
202108
202112
202120
202122
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

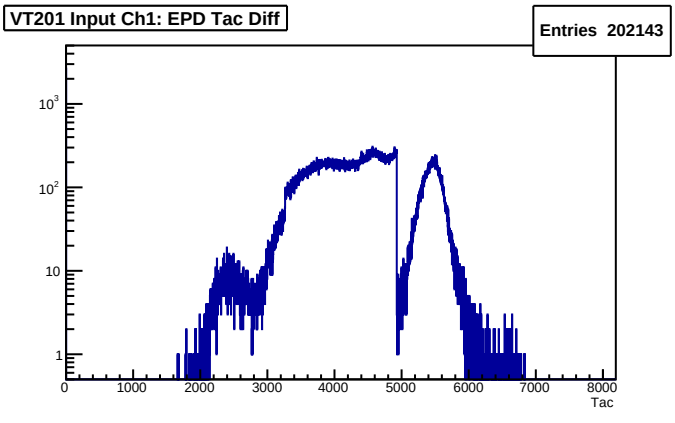

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

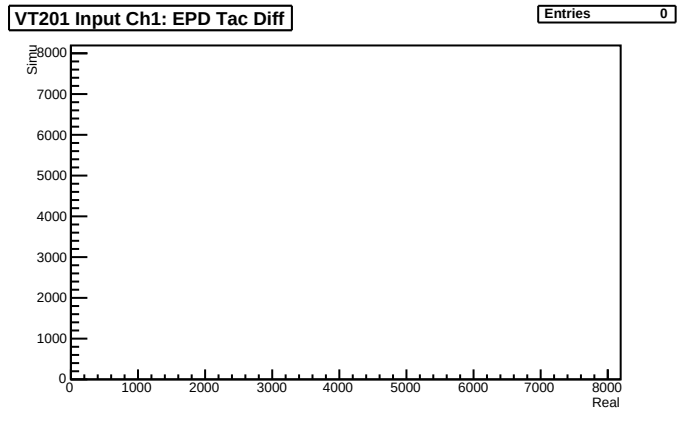

VT201 Input Ch0: BBC Small Tac Diff
Entries 202143
Tac

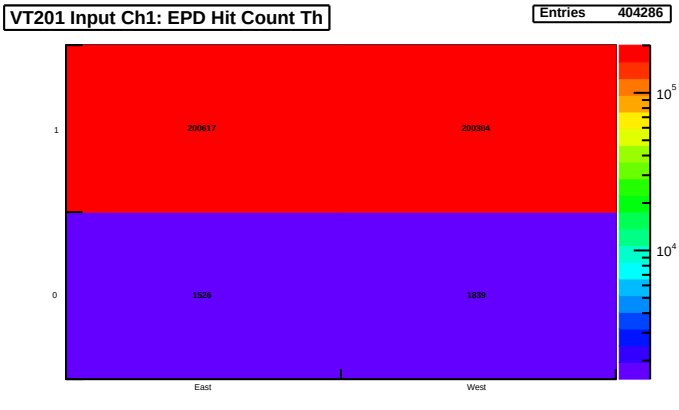

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

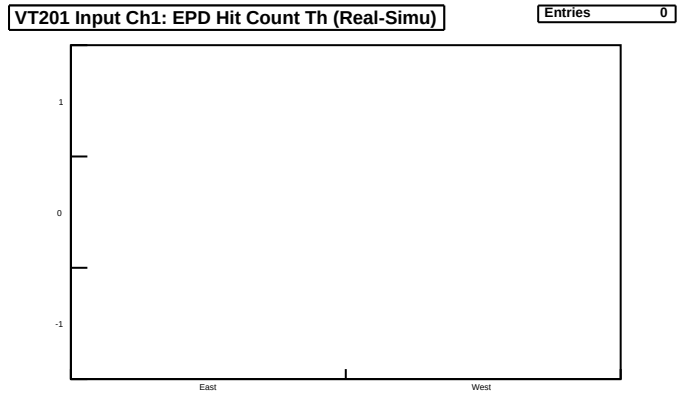

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 404286
135187
177144
66956
24999
East
West

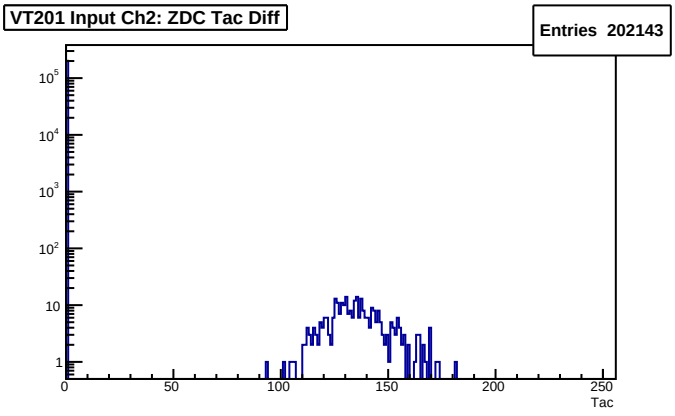

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

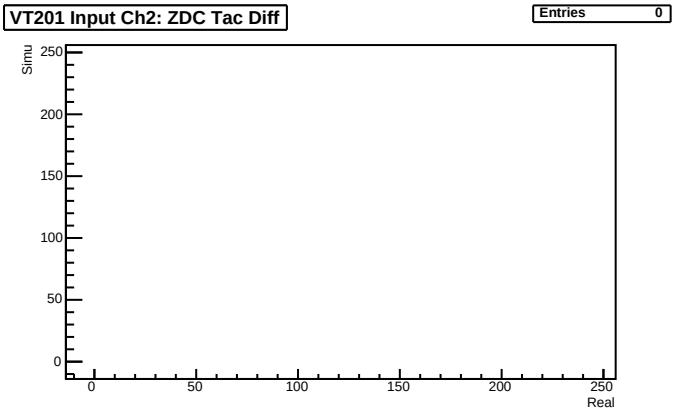

VT201 Input Ch1: EPD Tac Diff
Entries 202143
Tac

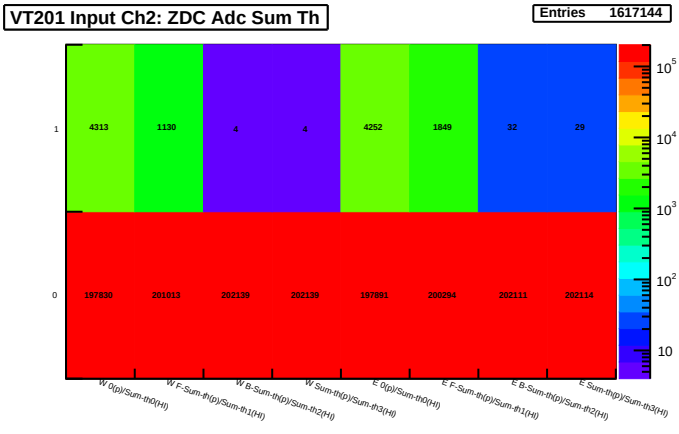

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

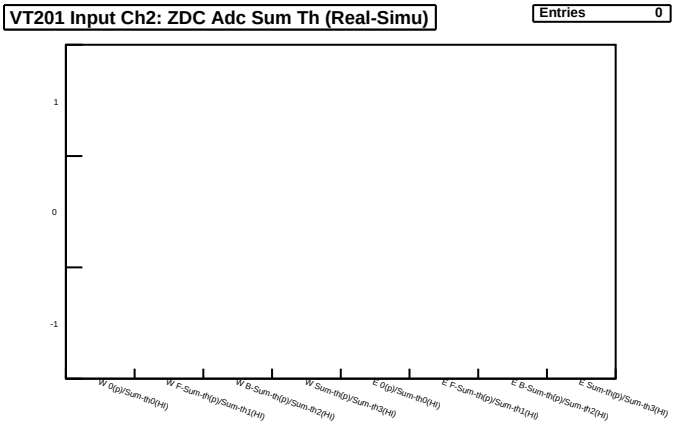

VT201 Input Ch1: EPD Hit Count Th
Entries 404286
200617
200304
1526
1839
East
West

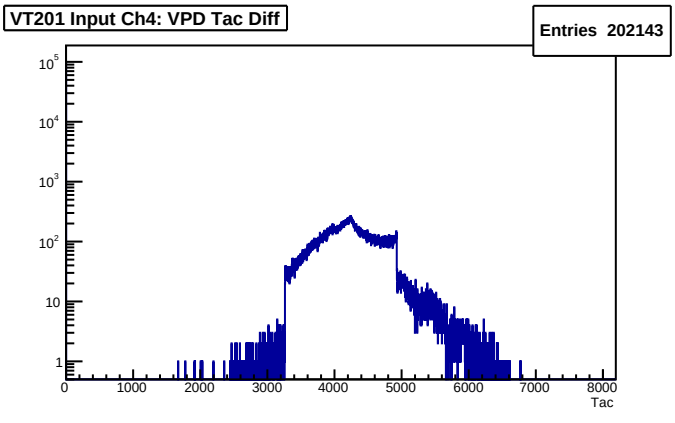

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

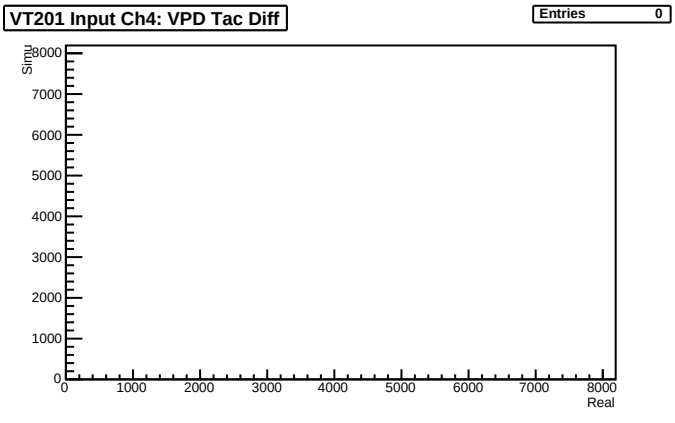

VT201 Input Ch2: ZDC Tac Diff
Entries 202143
Tac

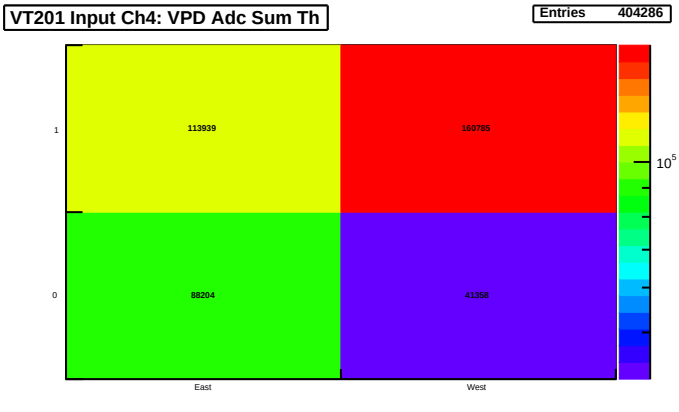

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

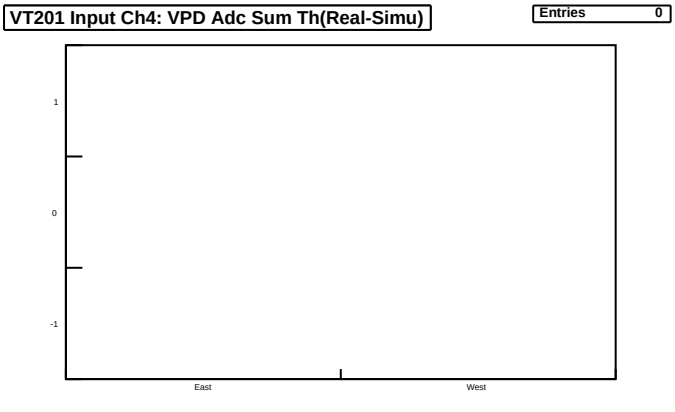

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1617144
4313
1130
4
4
4252
1849
32
29
197830
201013
202139
202139
197891
200294
202111
202114
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

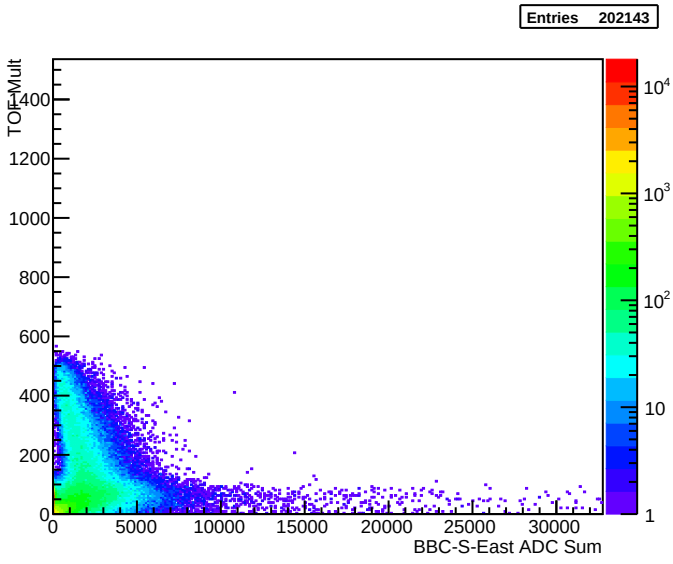

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

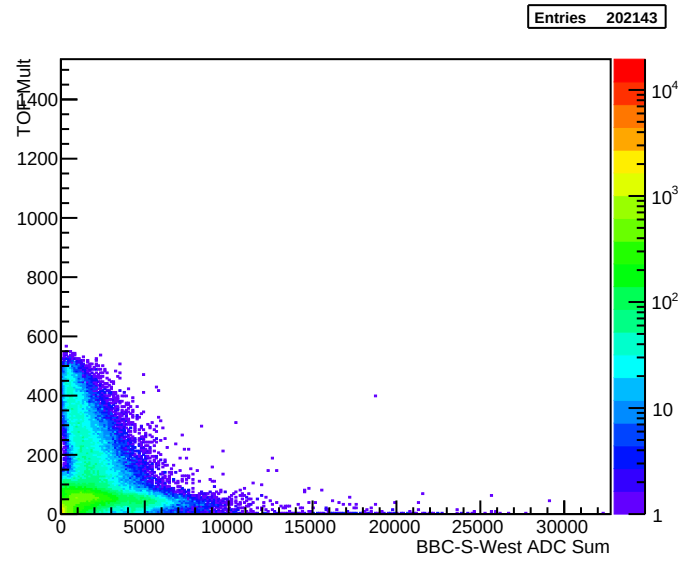

VT201 Input Ch4: VPD Tac Diff
Entries 202143
Tac

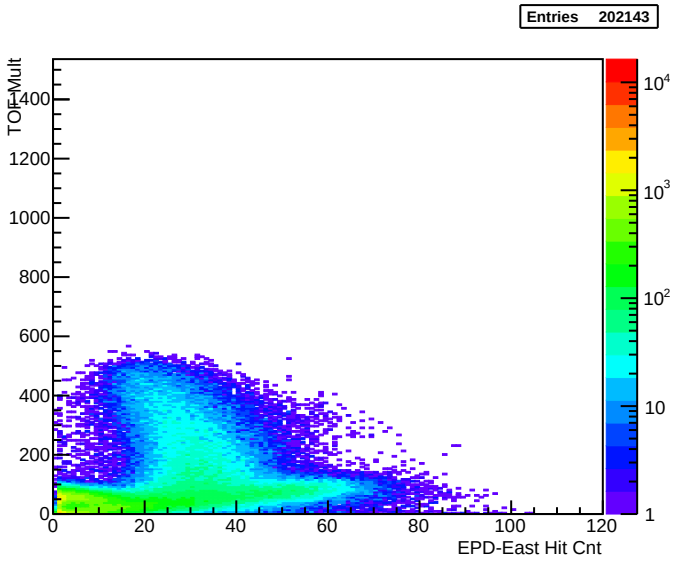

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

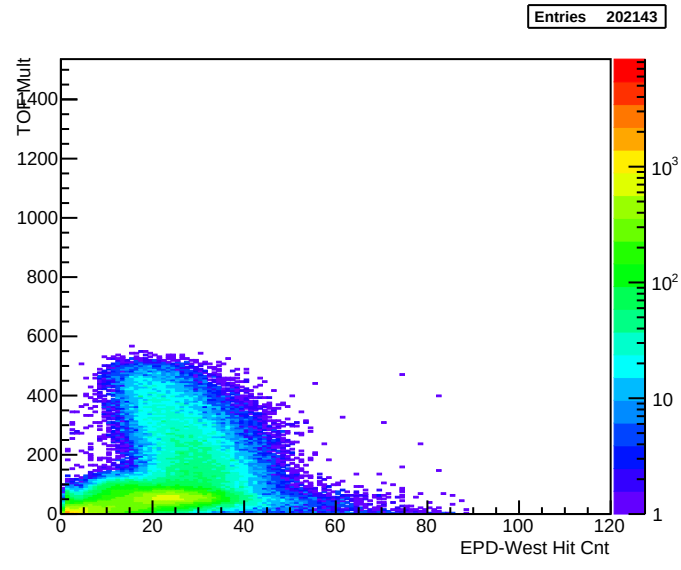

VT201 Input Ch4: VPD Adc Sum Th
Entries 404286
113939
160785
88204
41358
East
West

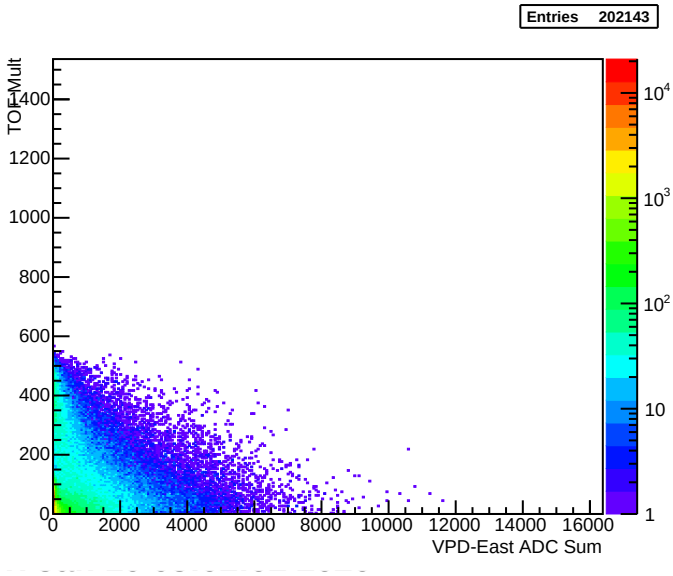

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

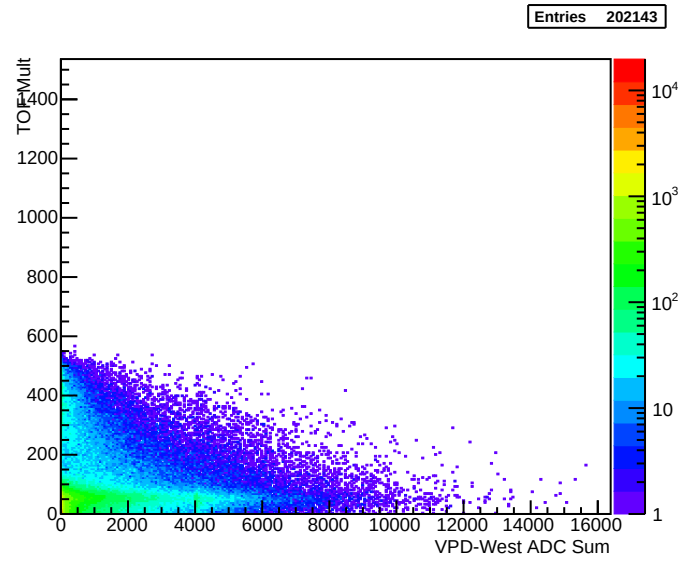

Entries 202143
TOF-Mult
BBC-S-East ADC Sum

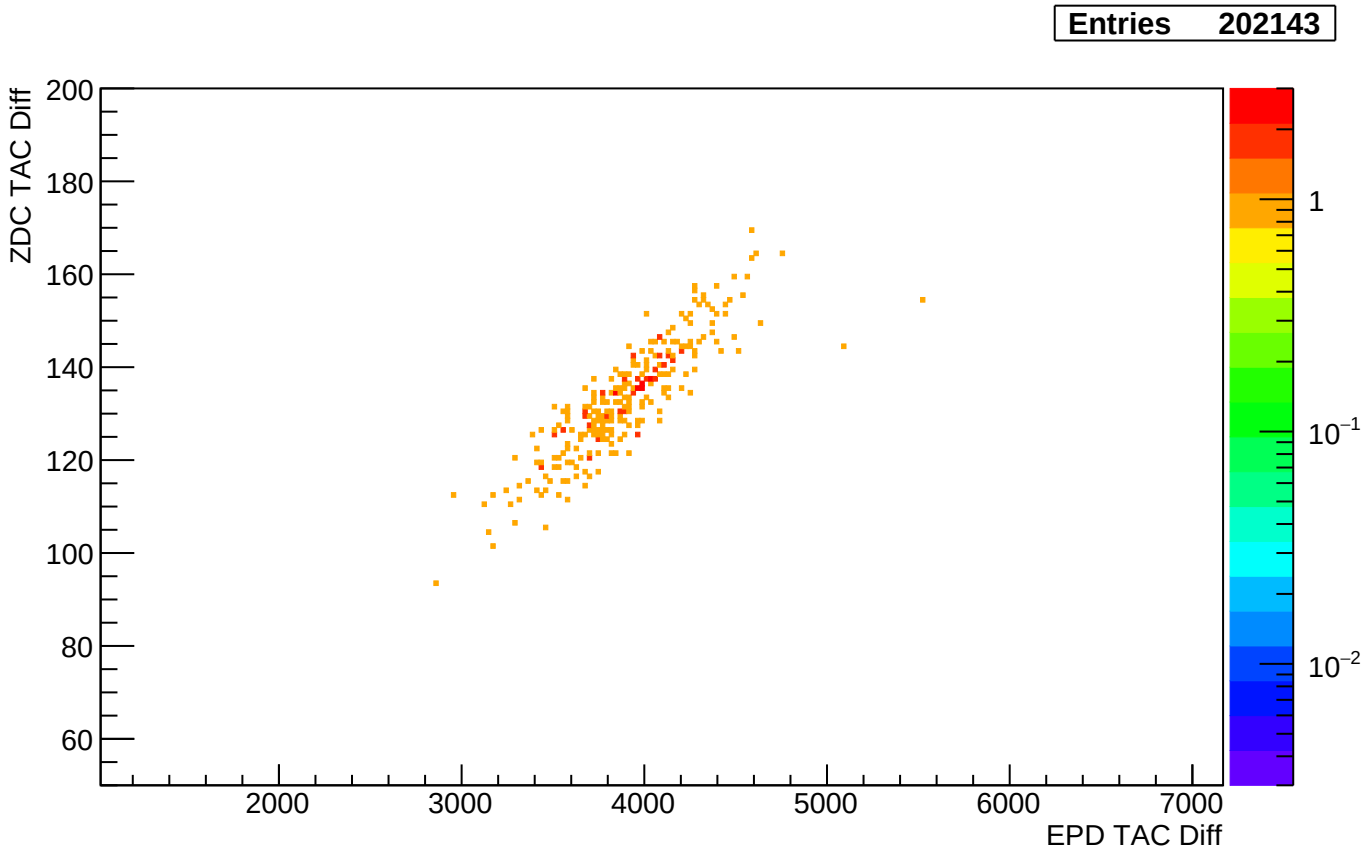

Entries 202143
TOF-Mult
BBC-S-West ADC Sum

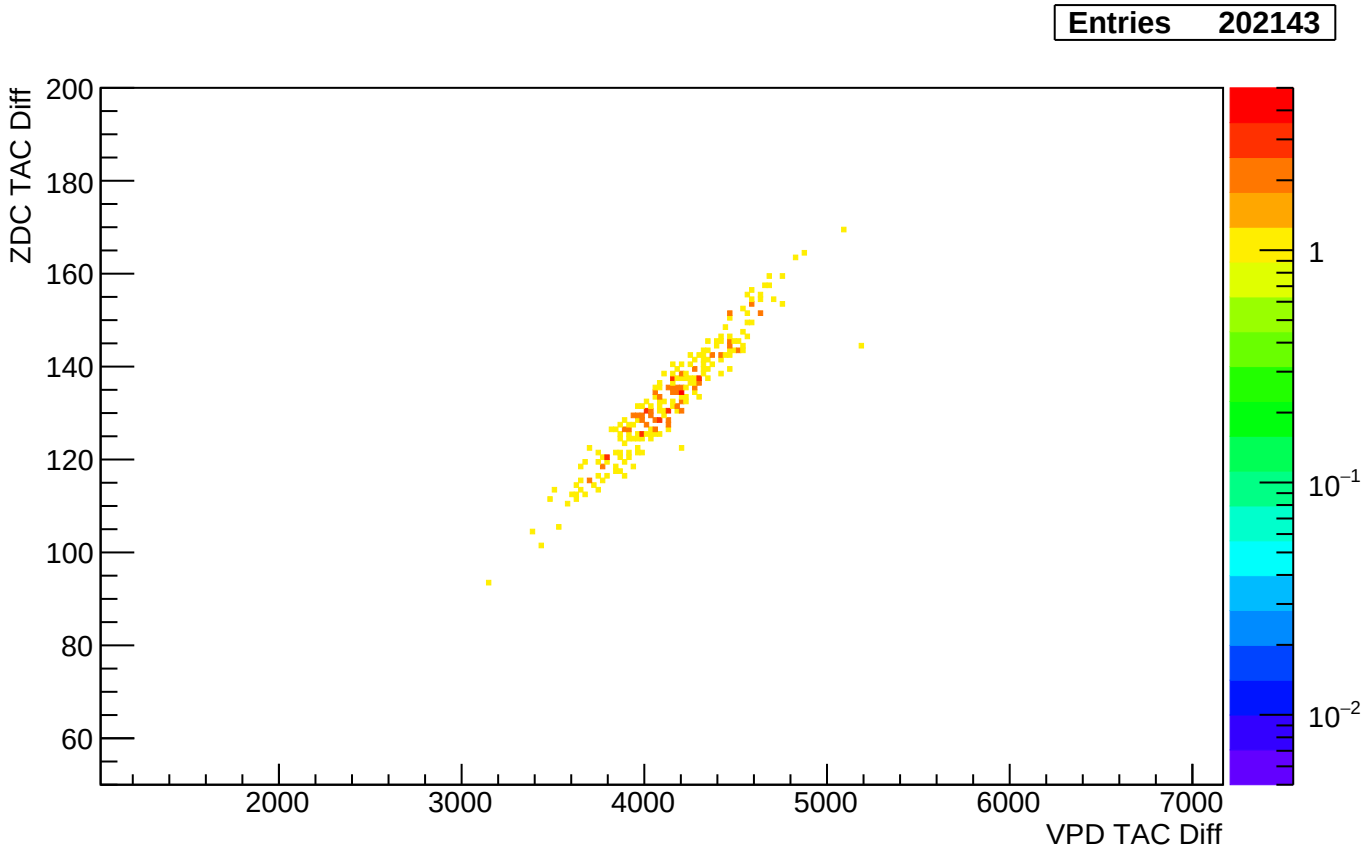

Entries 202143
TOF-Mult
EPD-East Hit Cnt

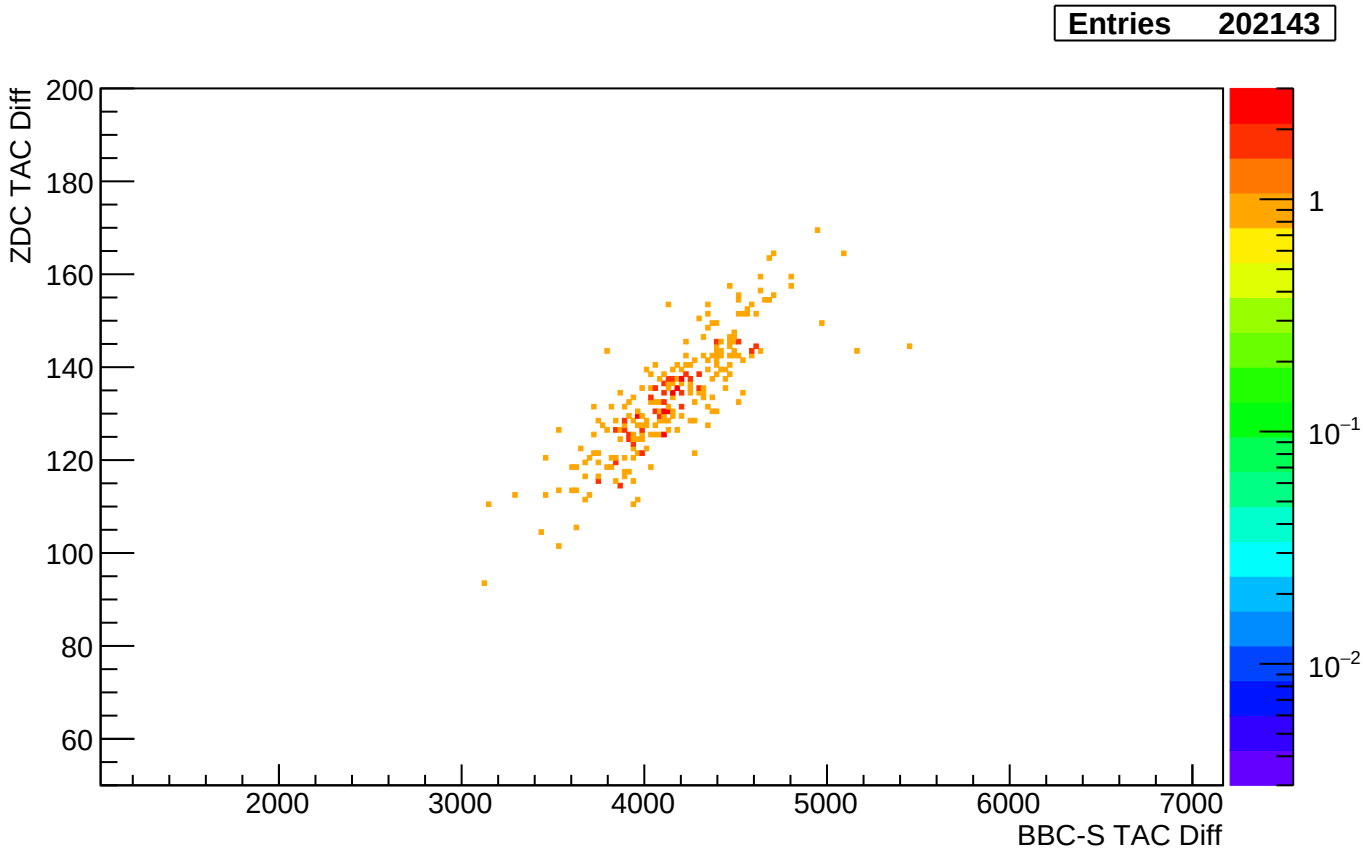

Entries 202143
TOF-Mult
EPD-West Hit Cnt

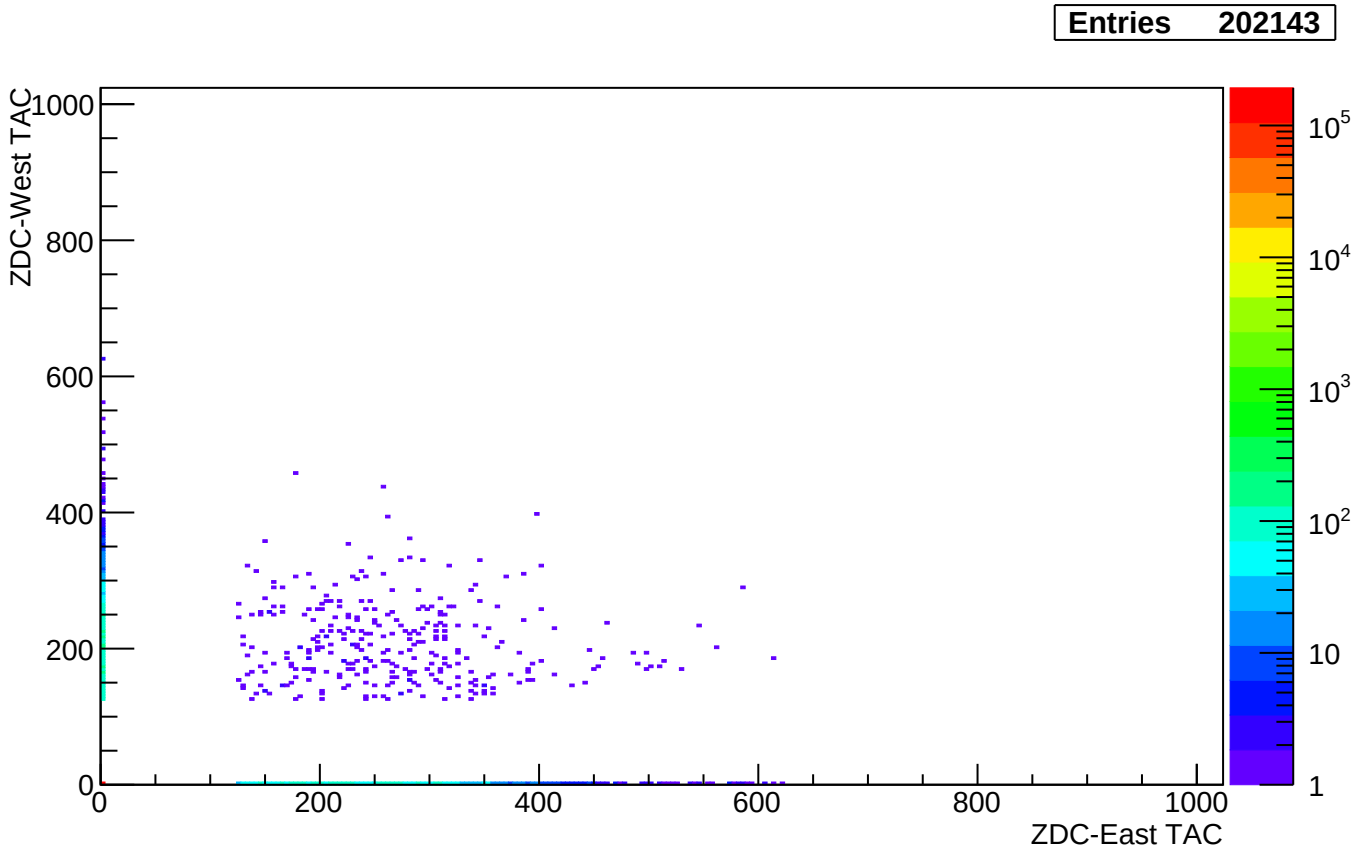

Entries 202143
TOF-Mult
VPD-East ADC Sum

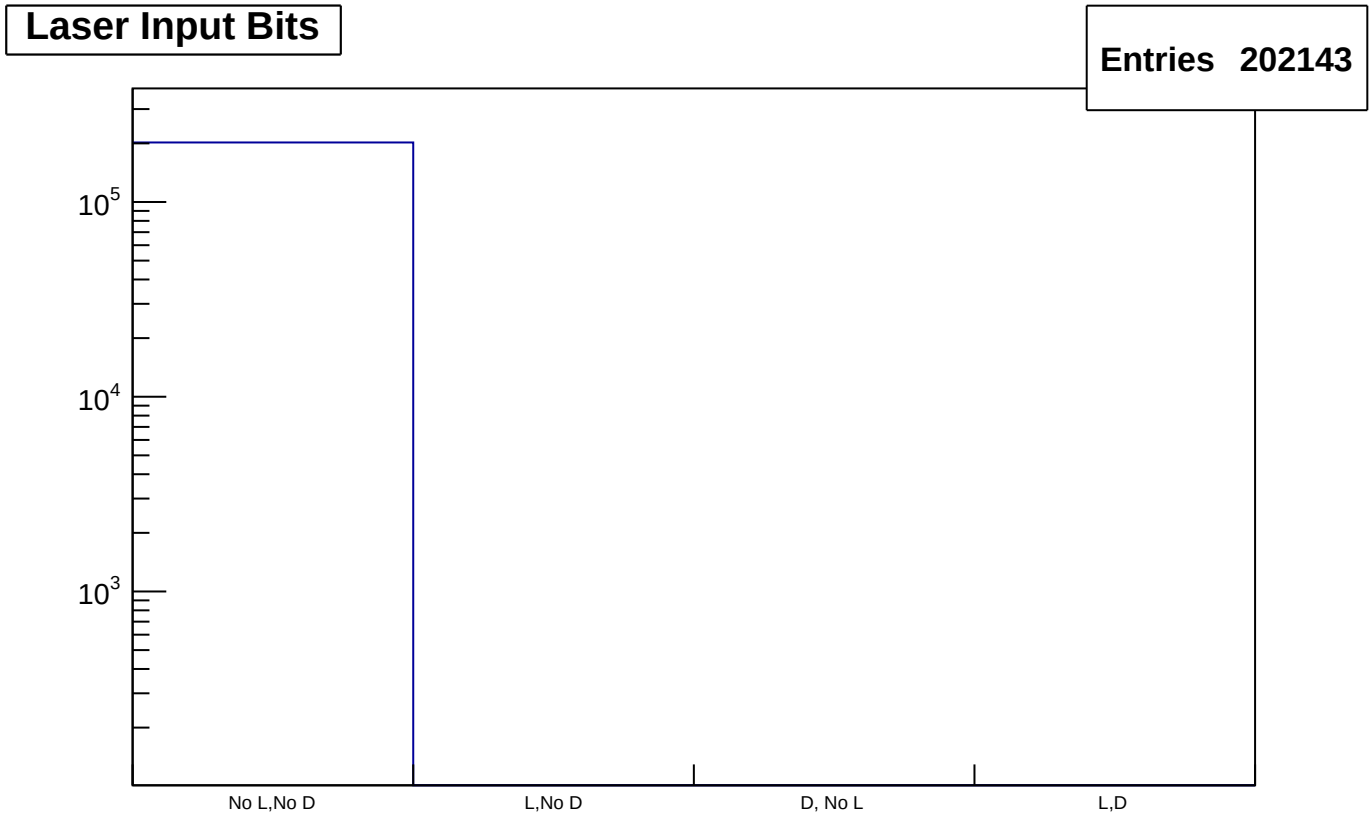

Entries 202143
TOF-Mult
VPD-West ADC Sum

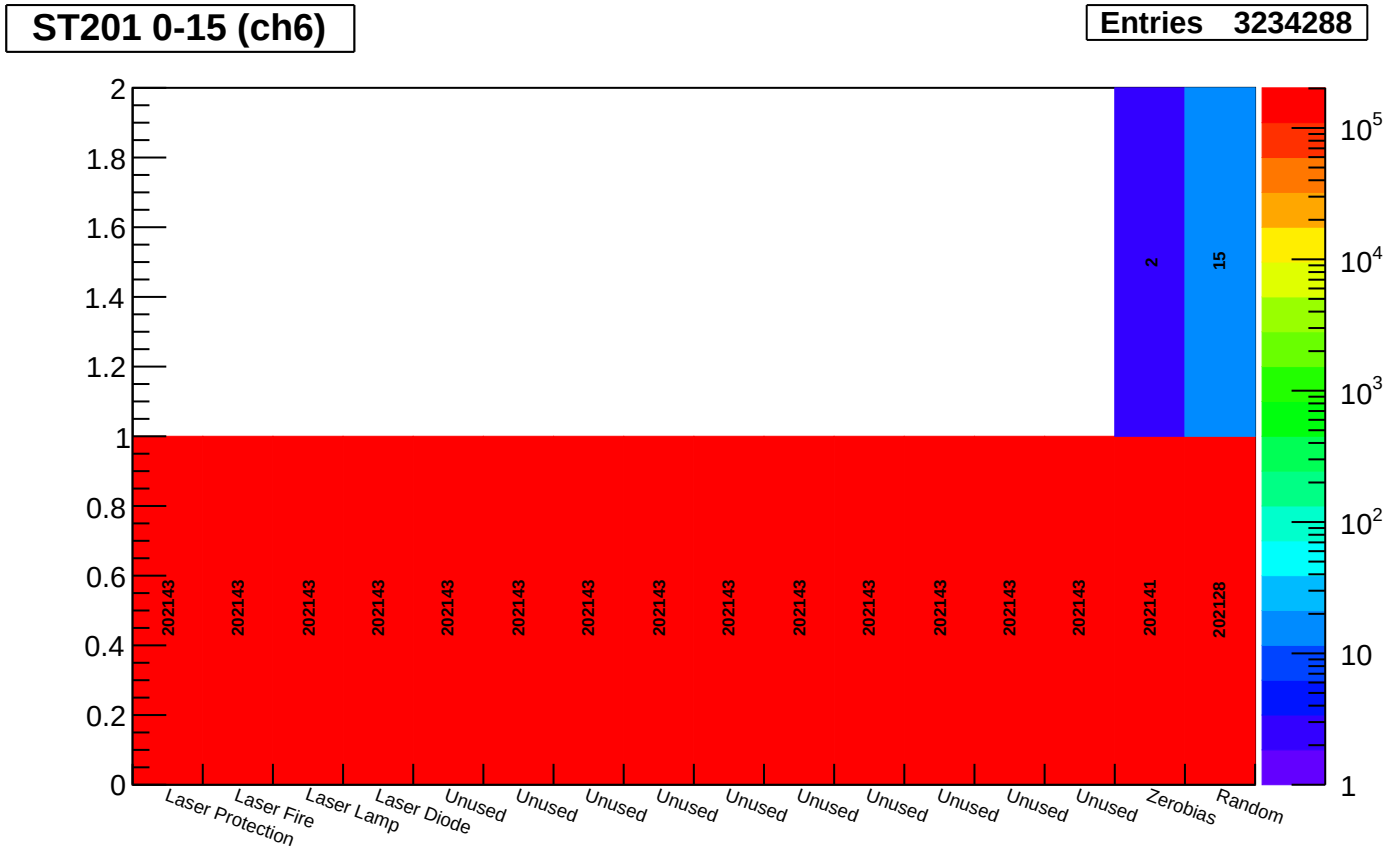

Entries 202143
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

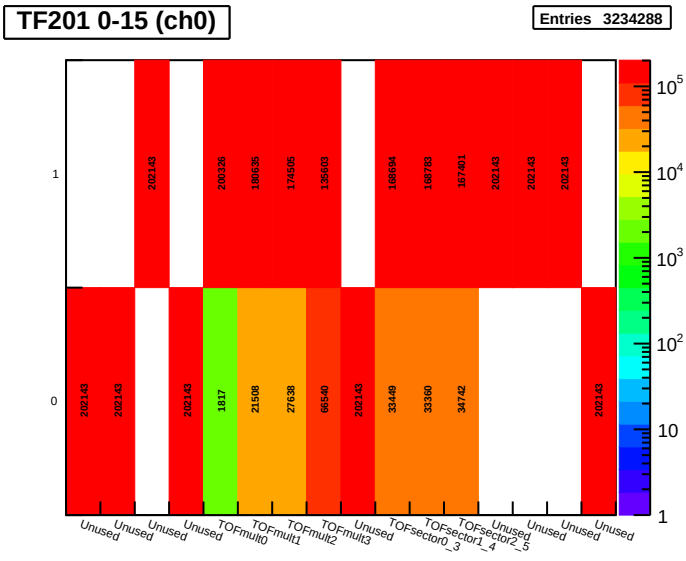

Entries 202143
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

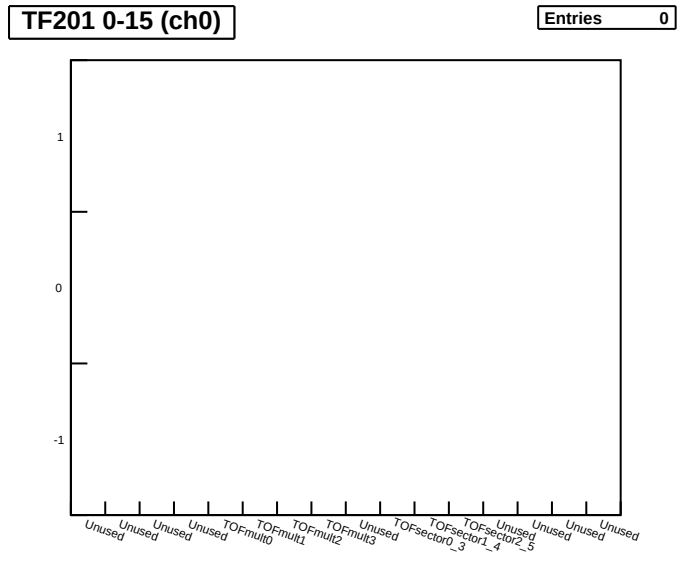

Entries 202143
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

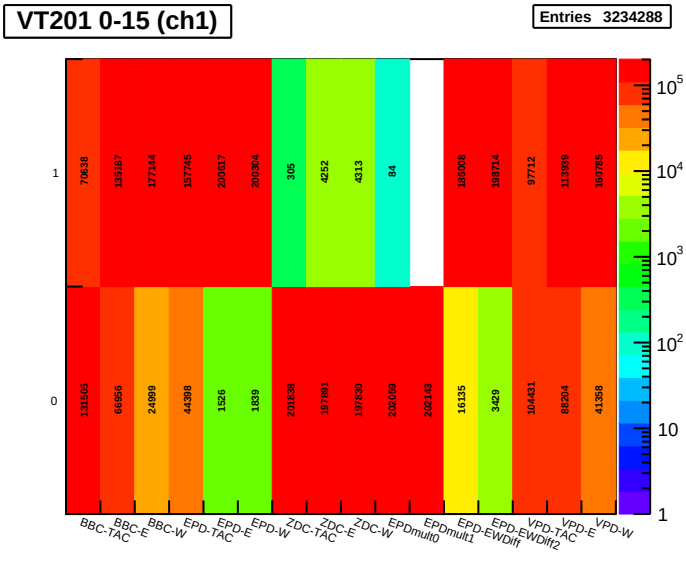

Entries 202143
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

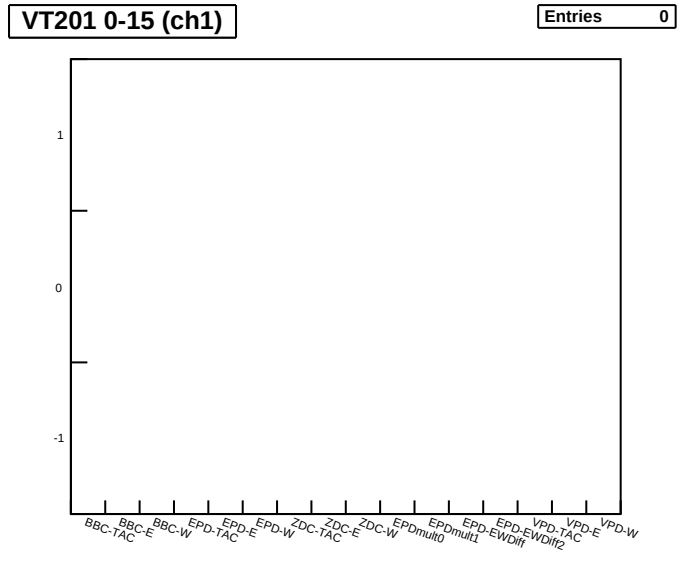

Laser Input Bits
Entries 202143
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

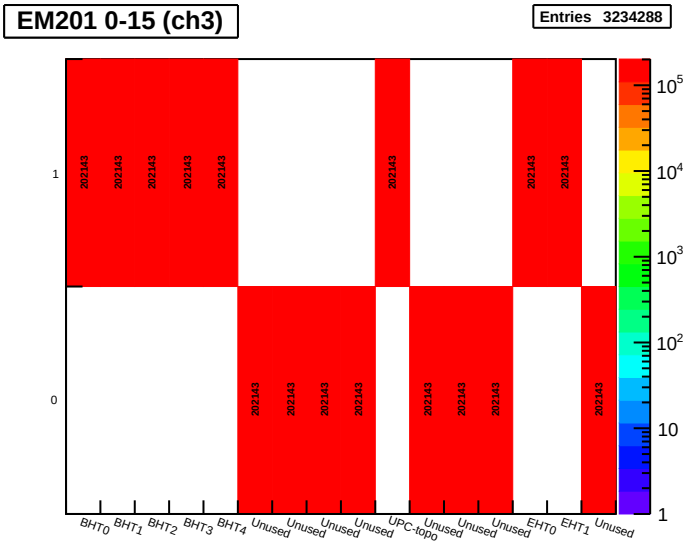

ST201 0-15 (ch6)
Entries 3234288
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
202143
202143
202143
202143
202143
202143
202143
202143
202143
202143
202143
202143
202143
202143
202141
202128
2
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

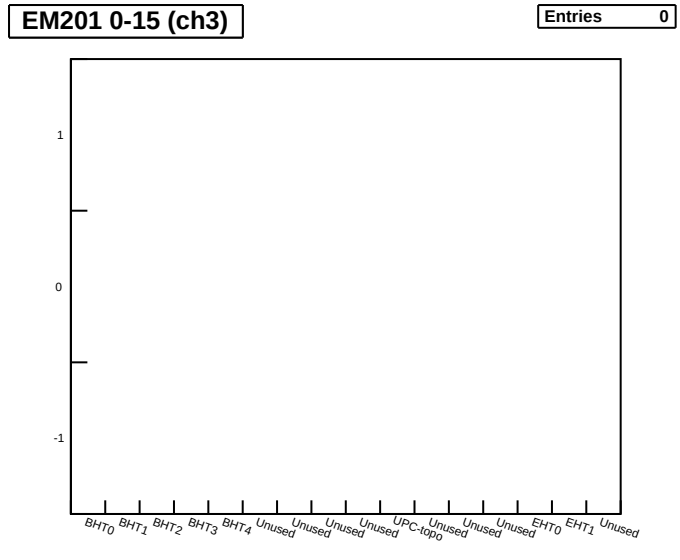

TF201 0-15 (ch0)
Entries 3234288
1
0
202143 202143 202143 200326 180635 174505 135603 168694 169783 167401 202143 202143 202143
202143 202143 202143 1817 21508 27638 66540 202143 33449 33360 34742 202143
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 3234288
1
0
70638 135187 177144 157745 200617 200304 305 4252 4313 84 186008 198714 97712 113939 160785
131505 66956 24999 44398 1526 1839 201838 197881 197830 202059 202143 16135 3429 104431 88204 41358
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 3234288
1
0
202143 202143 202143 202143 202143 202143 202143 202143
202143 202143 202143 202143 202143 202143 202143 202143
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