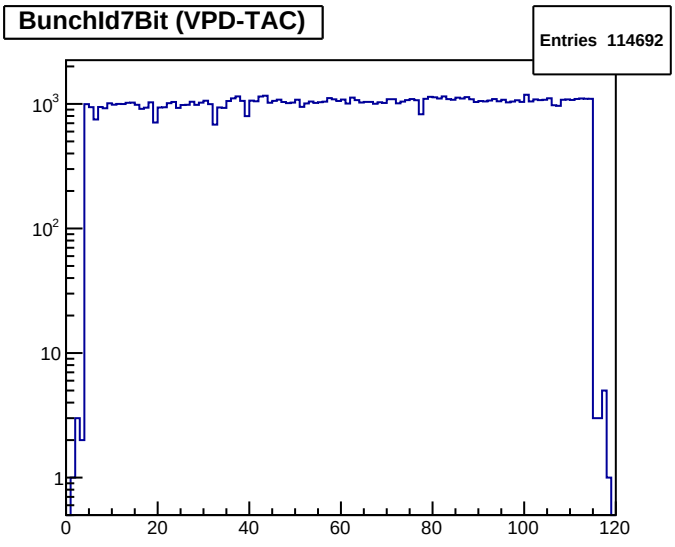
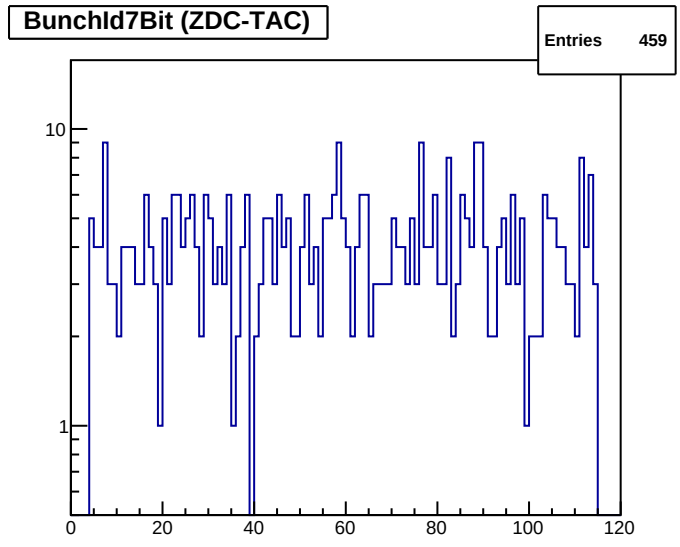
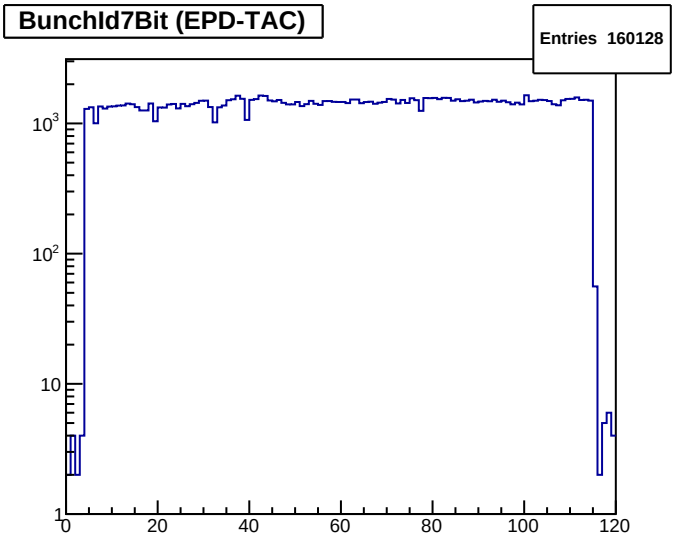
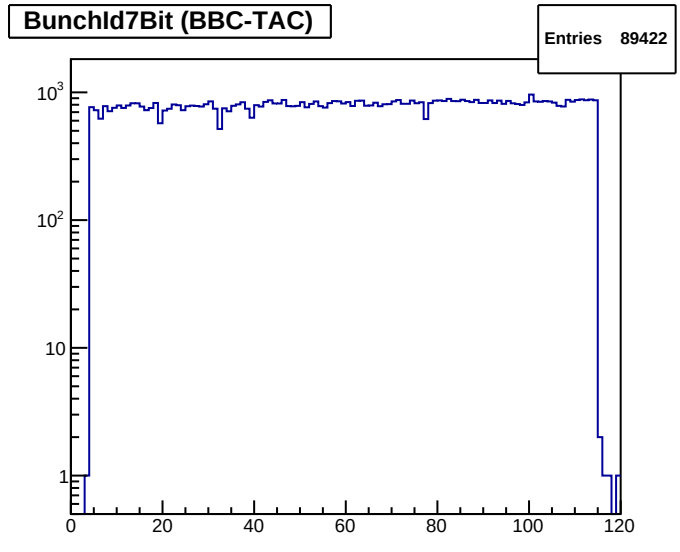
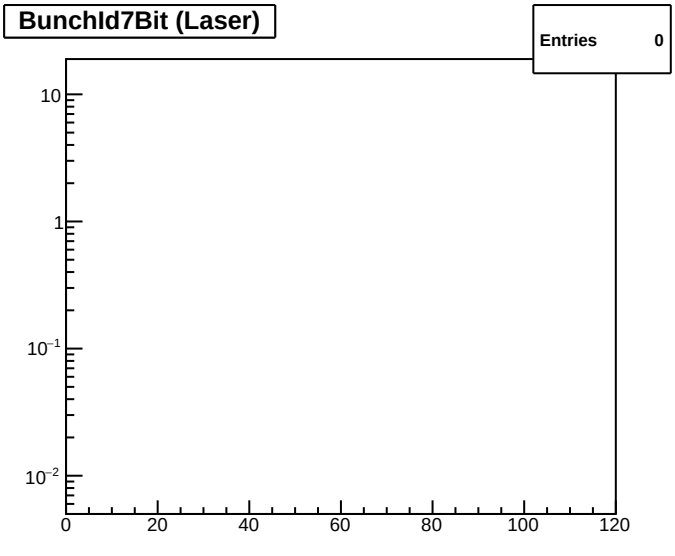
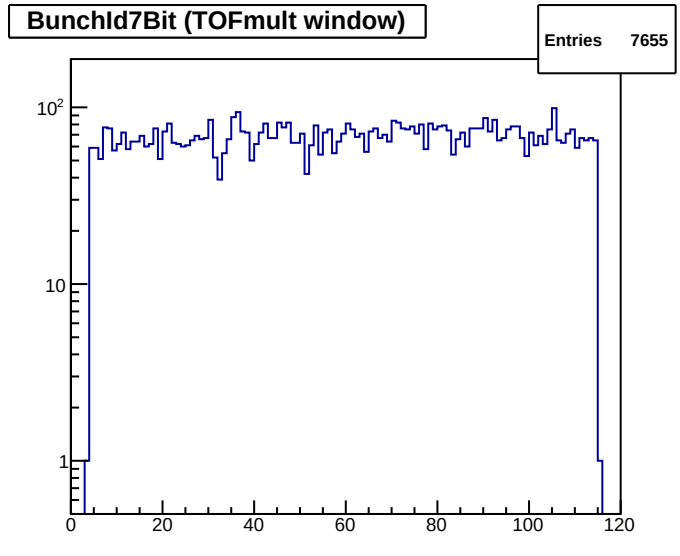

BunchId7Bit (VPD-TAC)
Entries 114692

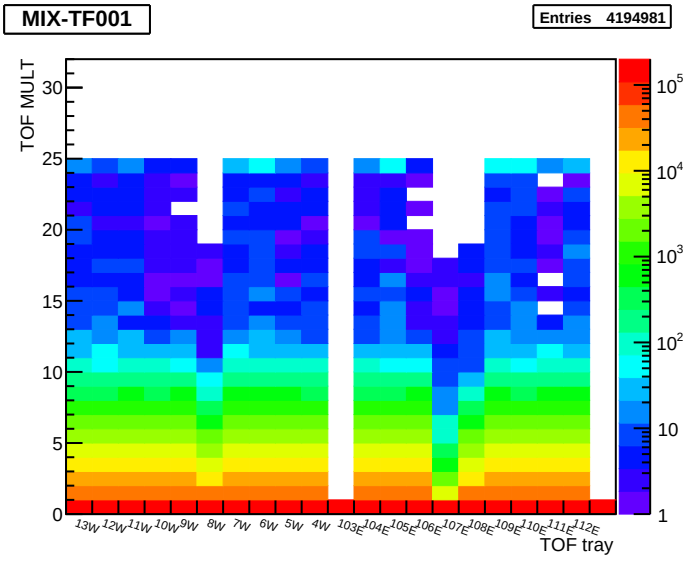

BunchId7Bit (ZDC-TAC)
Entries 459

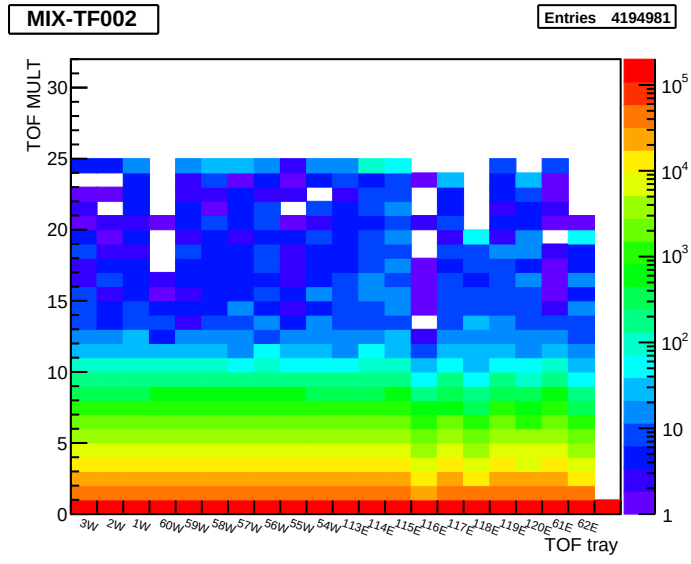

BunchId7Bit (EPD-TAC)
Entries 160128

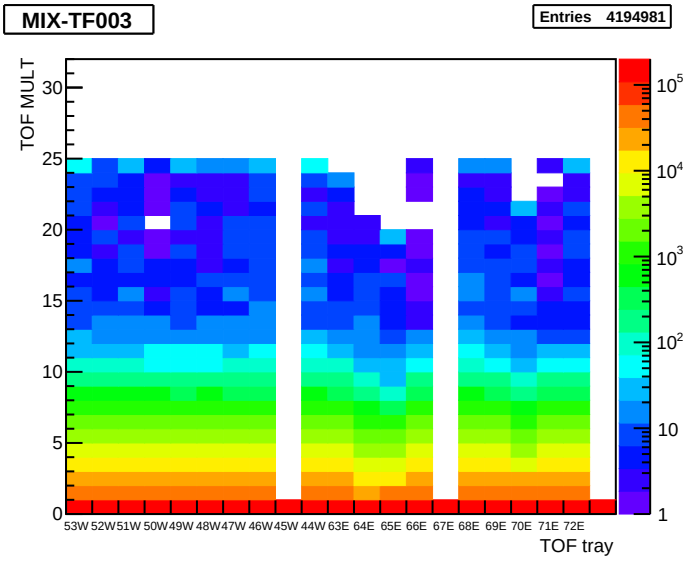

BunchId7Bit (BBC-TAC)
Entries 89422

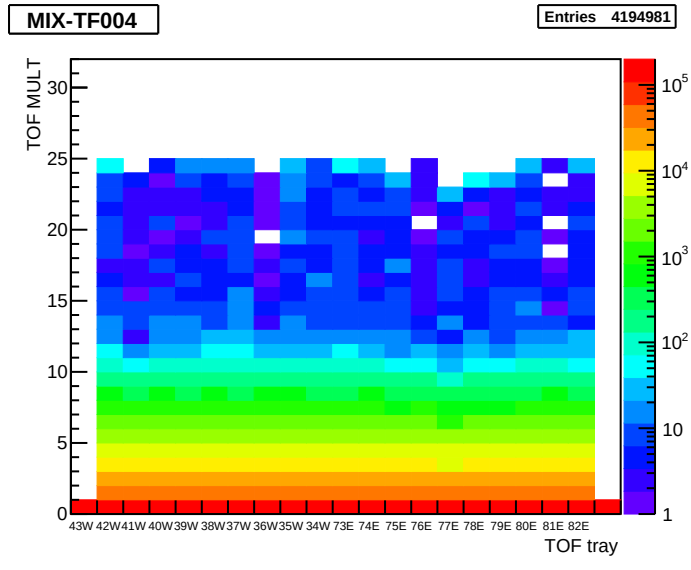

BunchId7Bit (Laser)
Entries 0

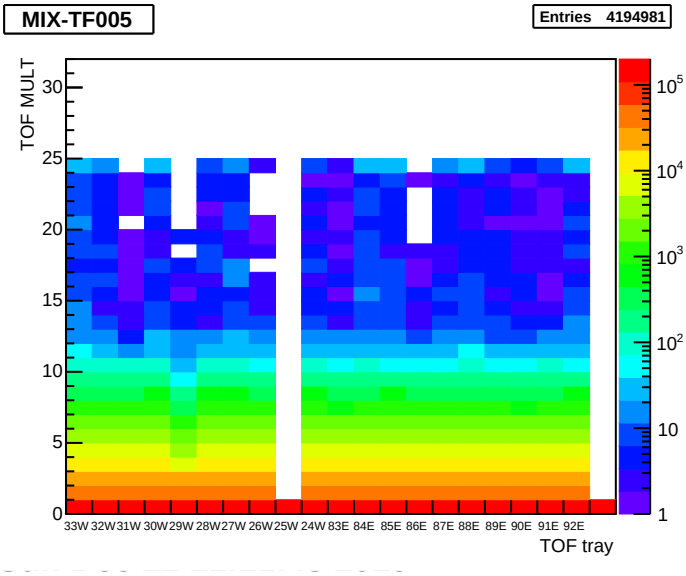

BunchId7Bit (TOFmult window)
Entries 7655

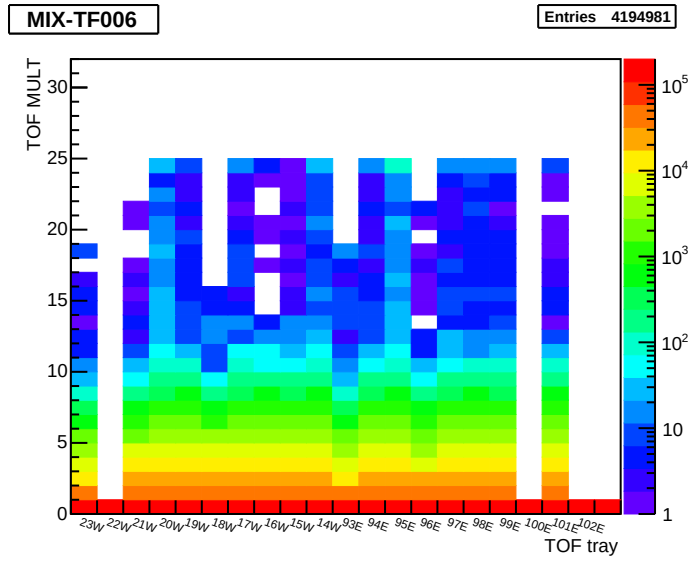

MIX-TF001
Entries 4194981
TOF MULT
TOF tray

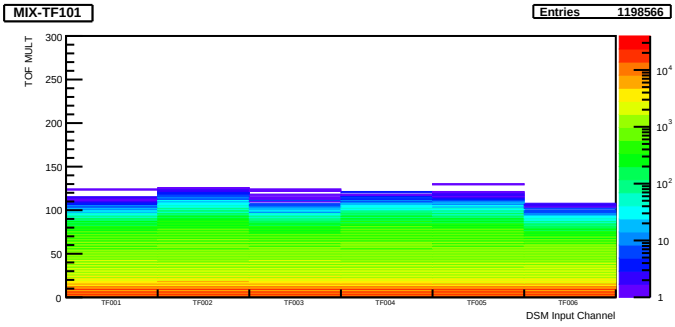

MIX-TF002
Entries 4194981
TOF MULT
TOF tray

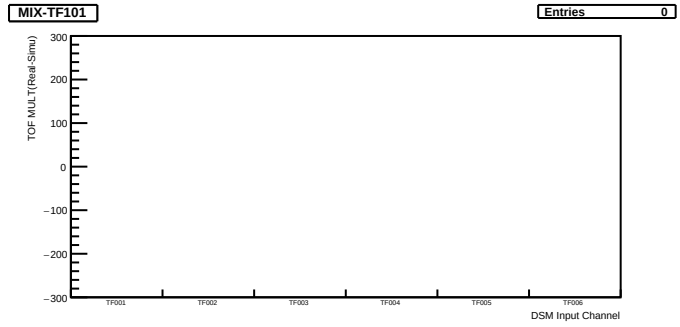

MIX-TF003
Entries 4194981
TOF MULT
TOF tray

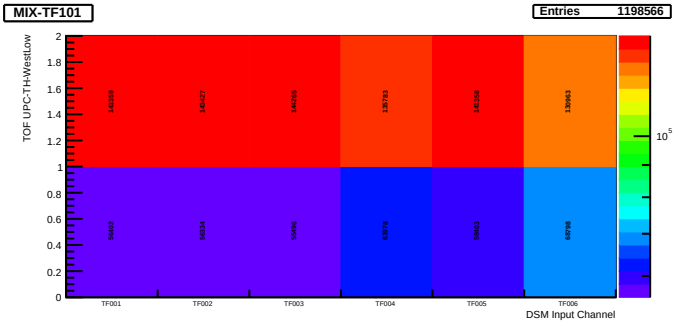

MIX-TF004
Entries 4194981
TOF MULT
TOF tray

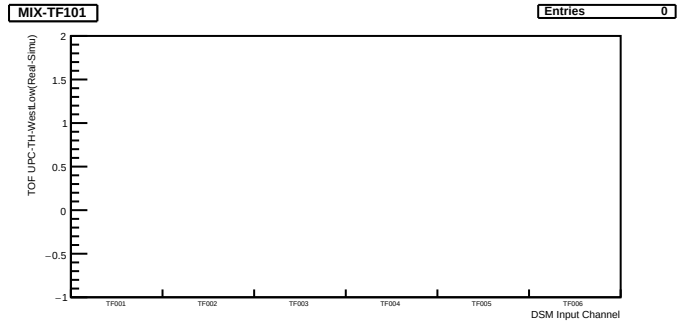

MIX-TF005
Entries 4194981
TOF MULT
TOF tray

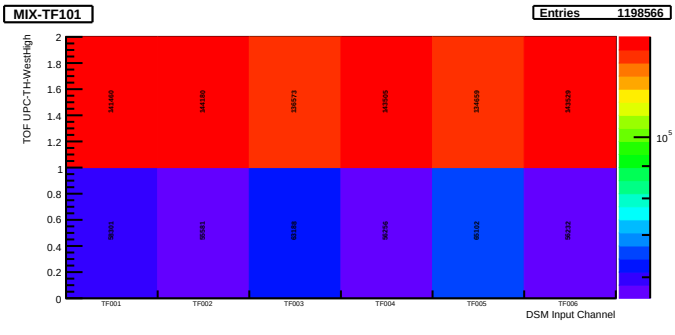

MIX-TF006
Entries 4194981
TOF MULT
TOF tray

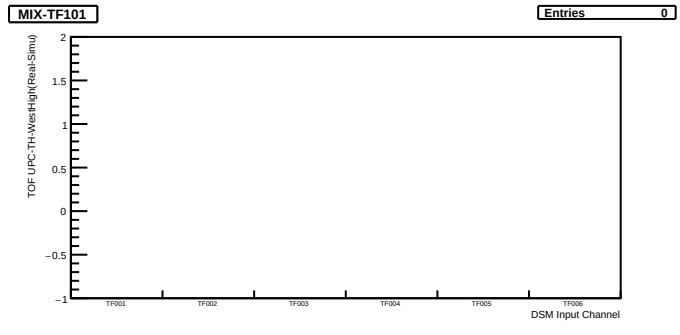

MIX-TF101
Entries 1198566
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

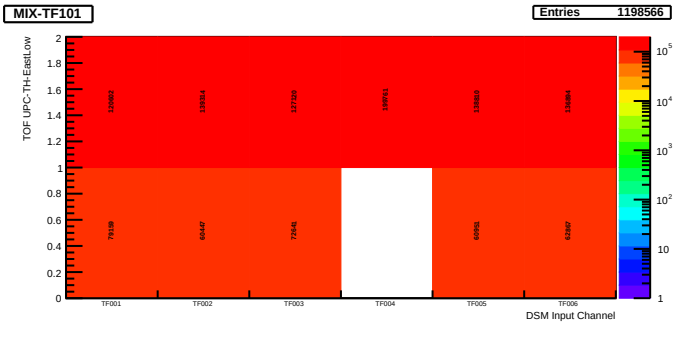

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

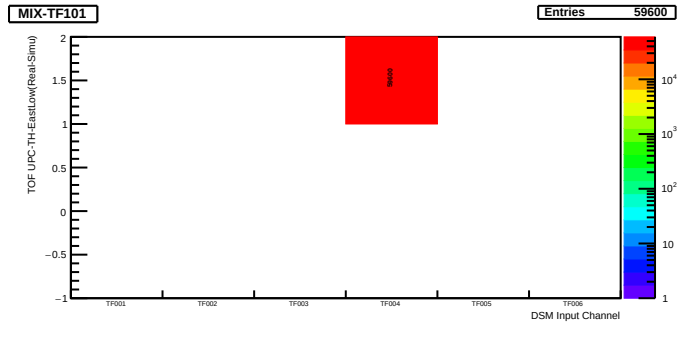

MIX-TF101
Entries 1198566
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

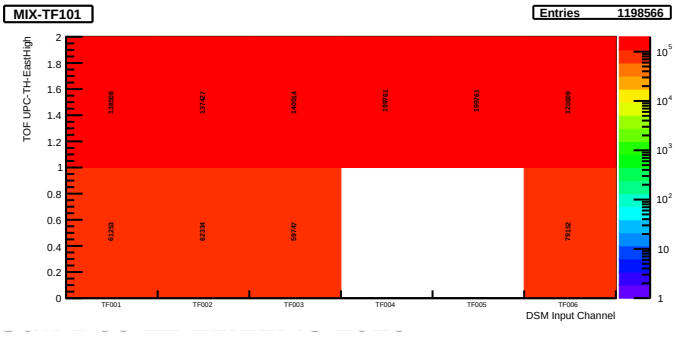

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

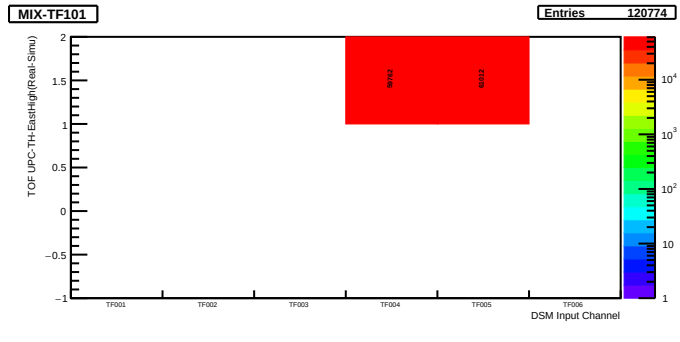

MIX-TF101
Entries 1198566
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

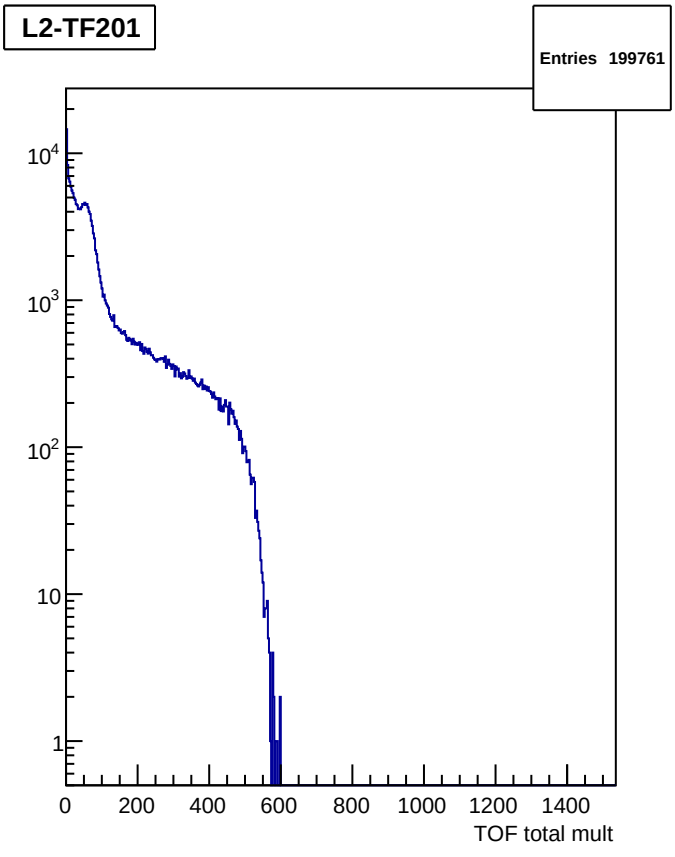

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

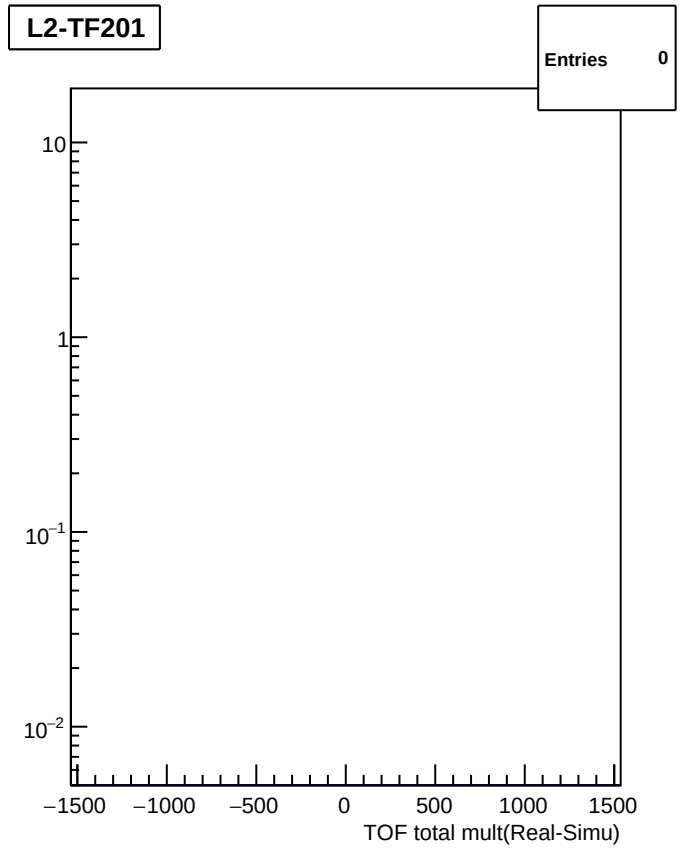

MIX-TF101
Entries 1198566
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

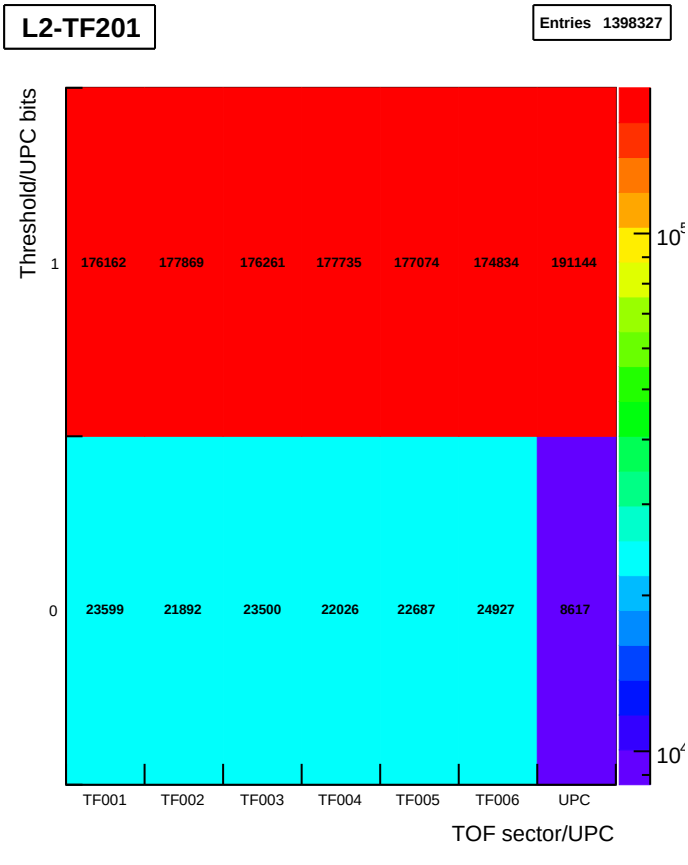

MIX-TF101
Entries 59600
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

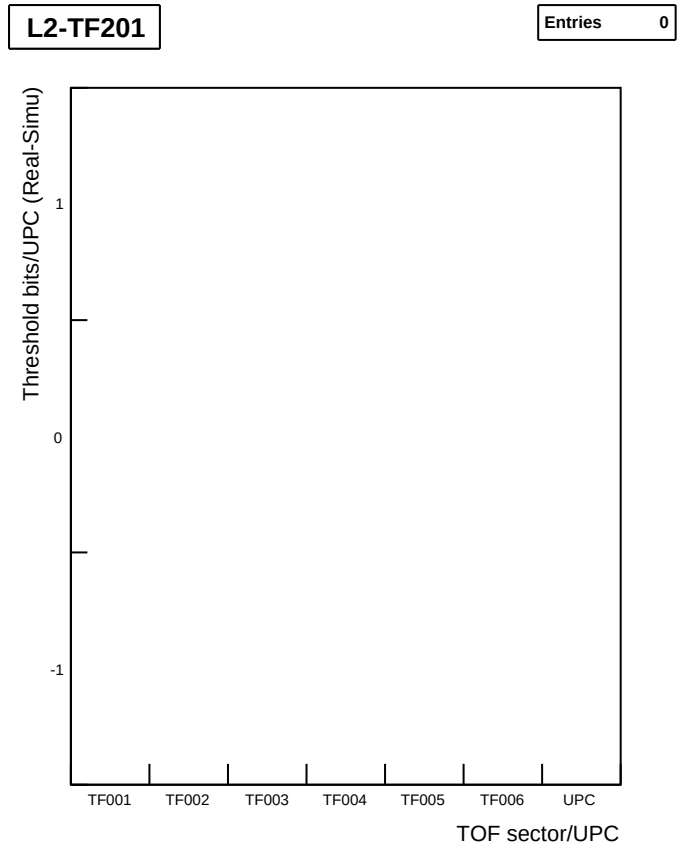

MIX-TF101
Entries 1198566
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

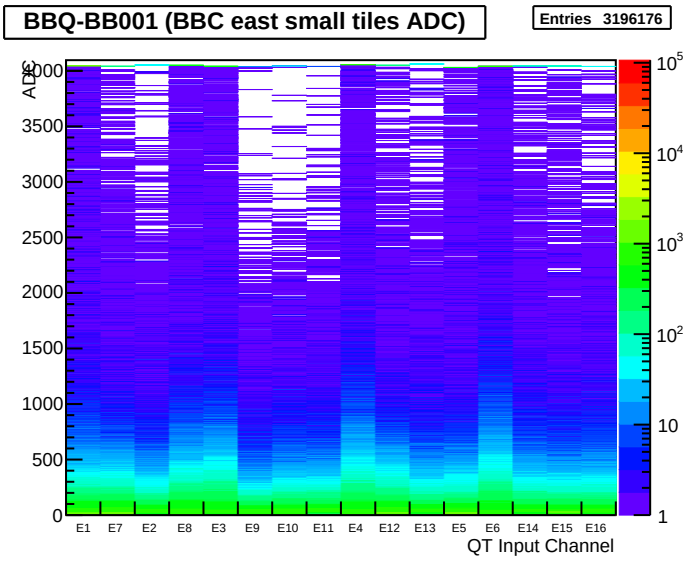

MIX-TF101
Entries 120774
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

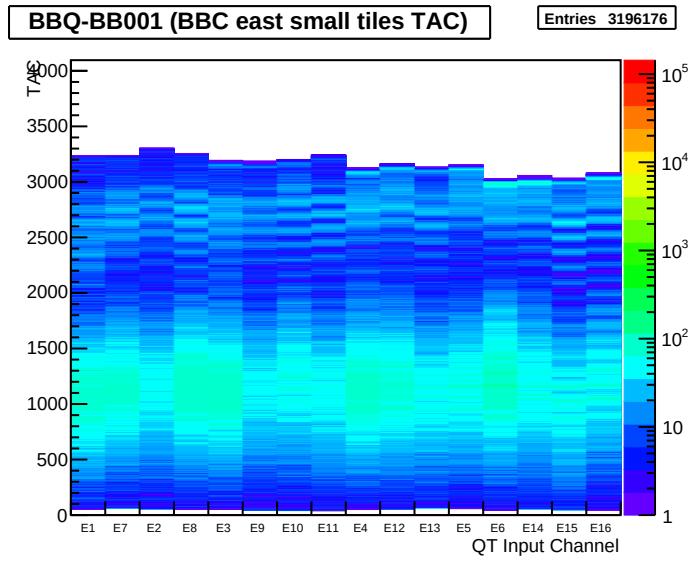

L2-TF201
Entries 199761
TOF total mult

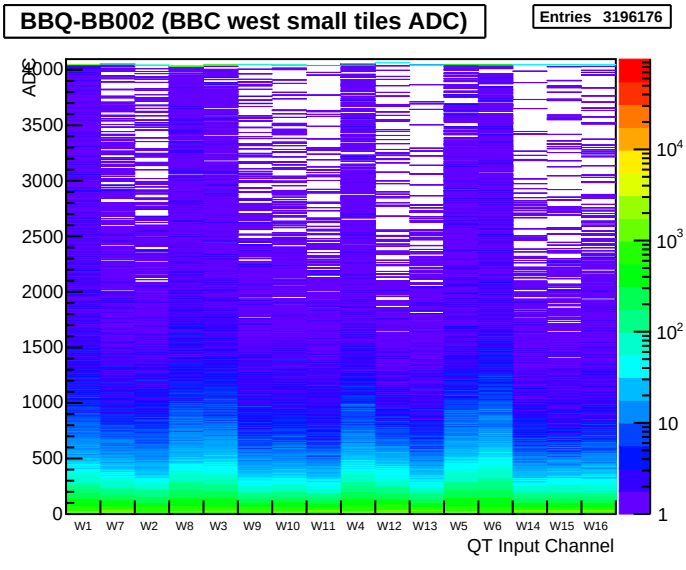

L2-TF201
Entries 0
TOF total mult(Real-Simu)

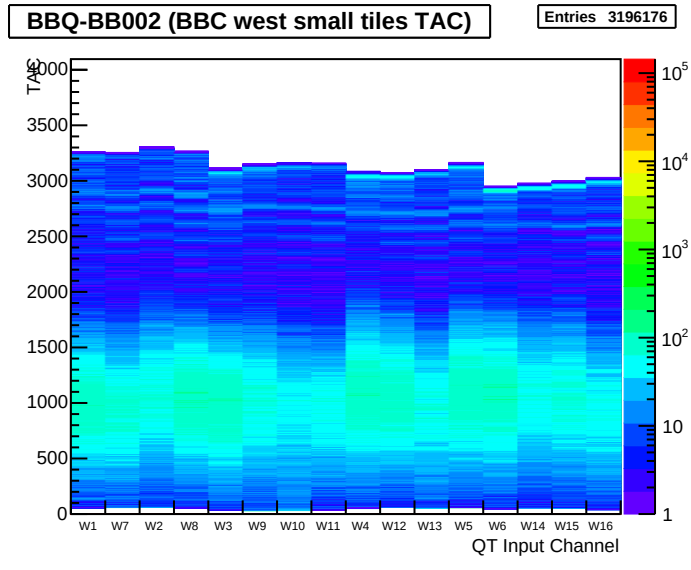

L2-TF201
Entries 1398327
Threshold/UPC bits
176162
177869
176261
177735
177074
174834
191144
23599
21892
23500
22026
22687
24927
8617
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

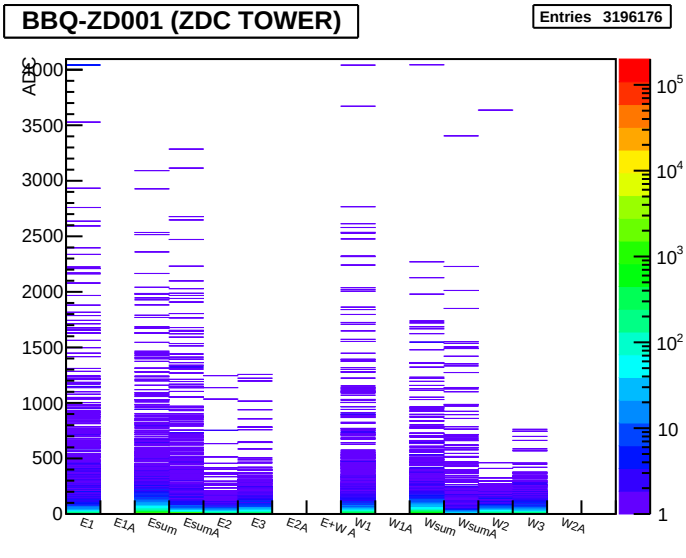

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

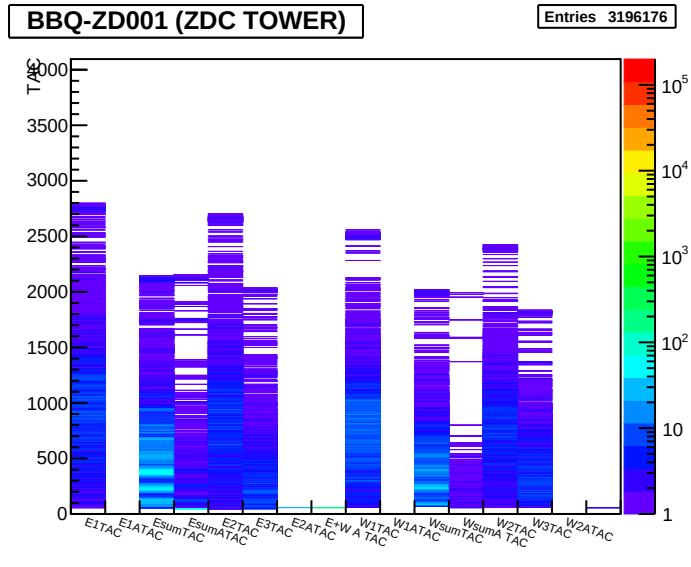

BBQ-BB001 (BBC east small tiles ADC)
Entries 3196176
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

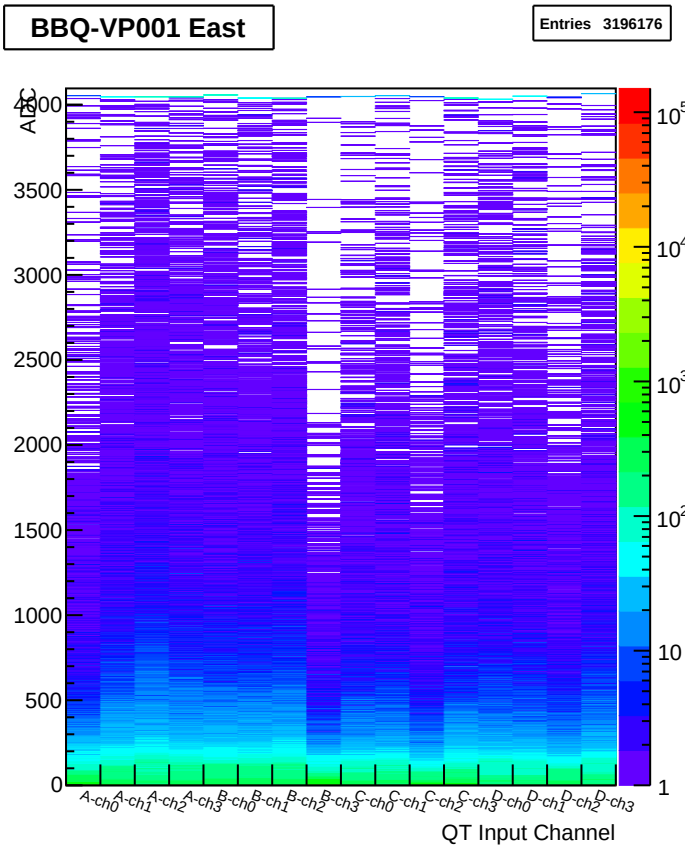

BBQ-BB001 (BBC east small tiles TAC)
Entries 3196176
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

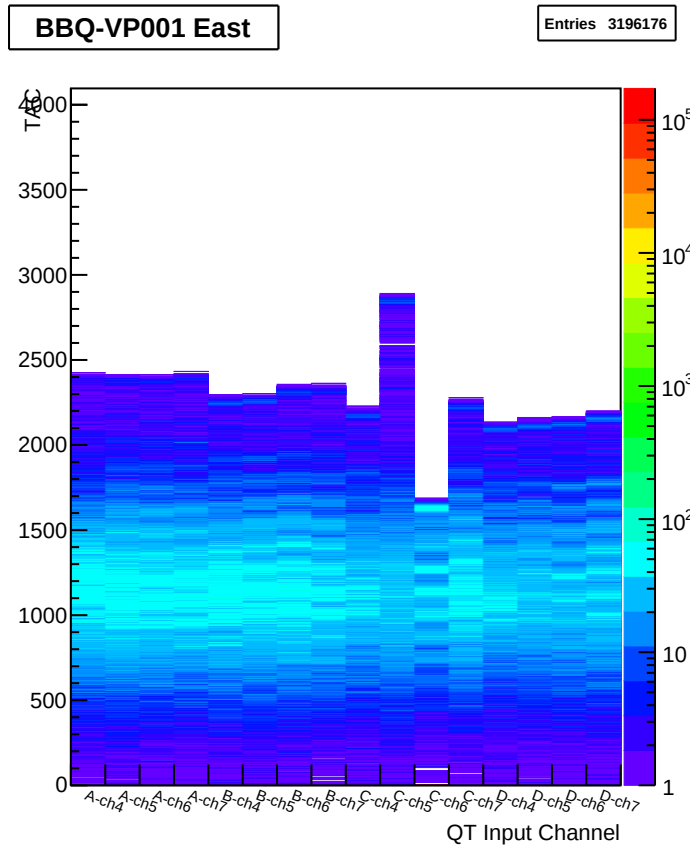

BBQ-BB002 (BBC west small tiles ADC)
Entries 3196176
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

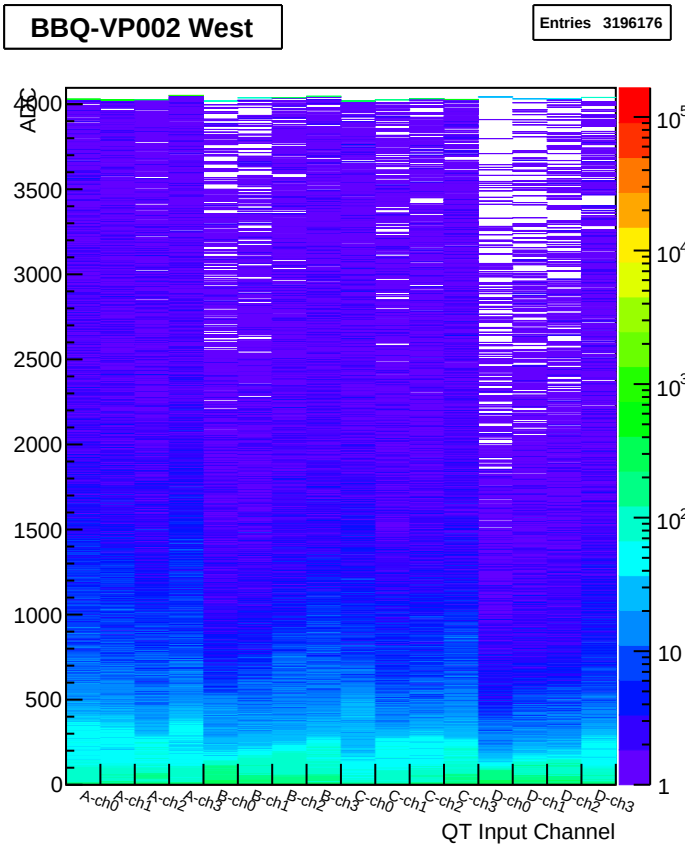

BBQ-BB002 (BBC west small tiles TAC)
Entries 3196176
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

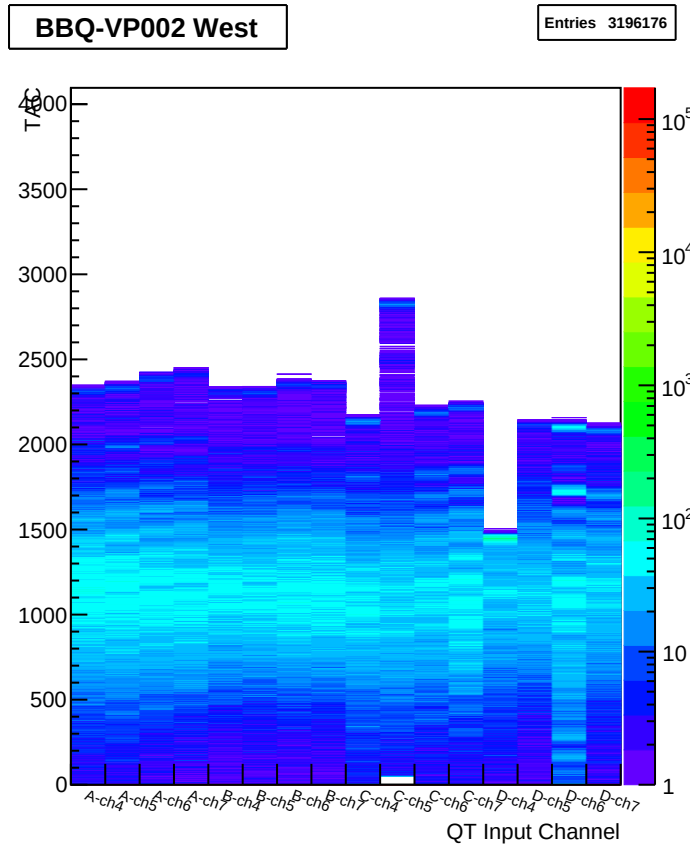

BBQ-ZD001 (ZDC TOWER)
Entries 3196176
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

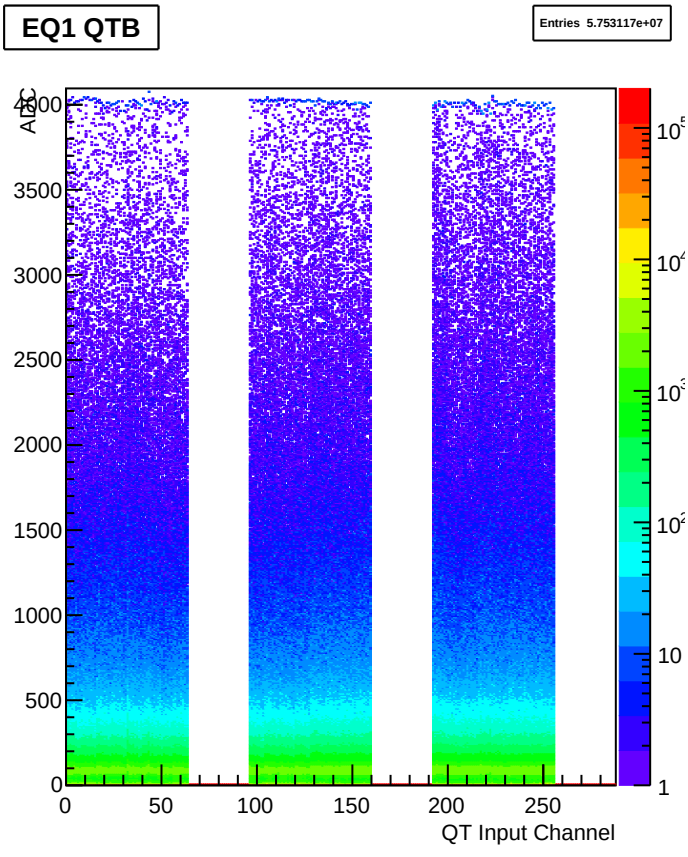

BBQ-ZD001 (ZDC TOWER)
Entries 3196176
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

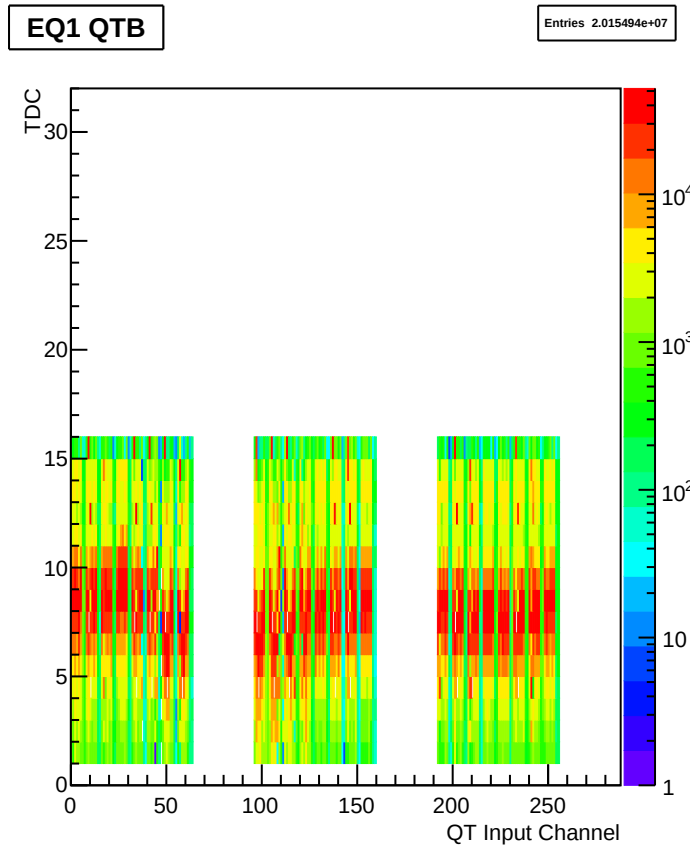

BBQ-VP001 East
Entries 3196176
ADC
QT Input Channel

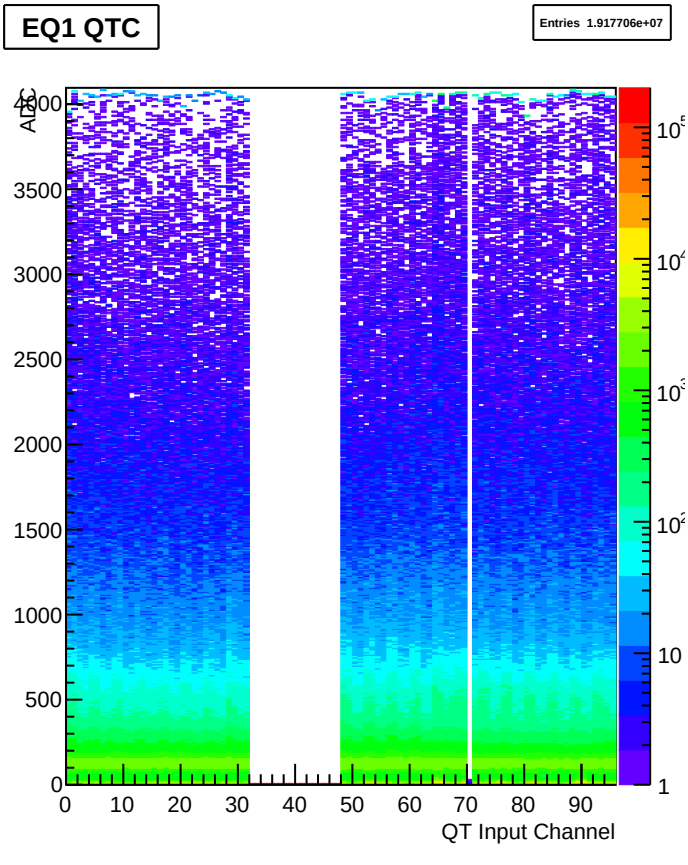

BBQ-VP001 East
Entries 3196176
ADC
QT Input Channel

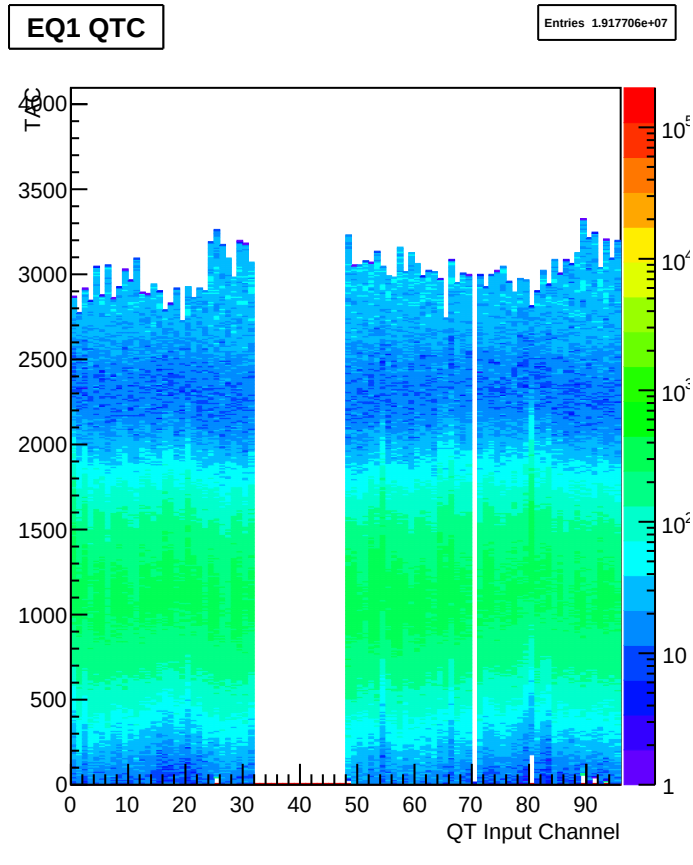

BBQ-VP002 West
Entries 3196176
ADC
QT Input Channel

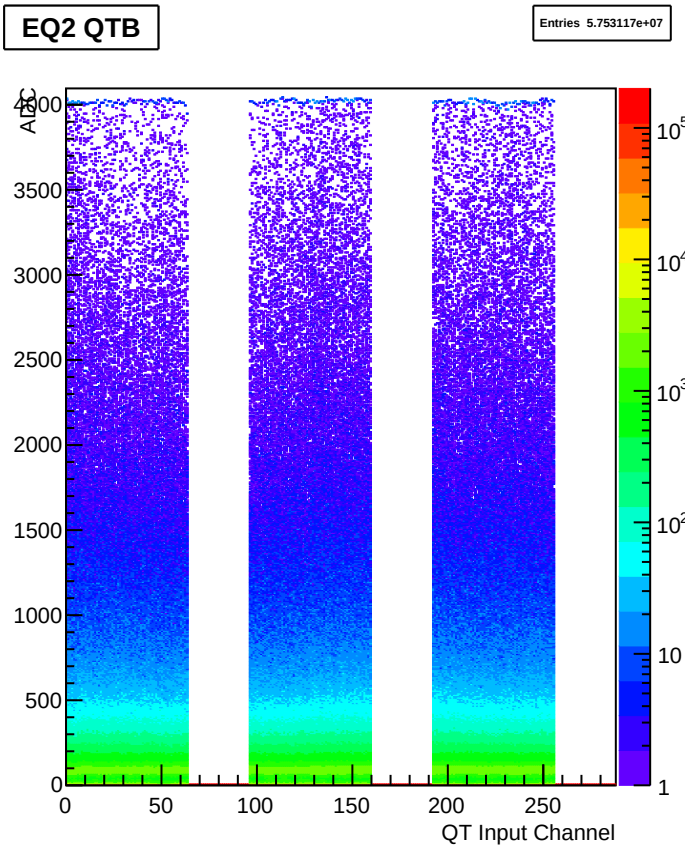

BBQ-VP002 West
Entries 3196176
ADC
QT Input Channel

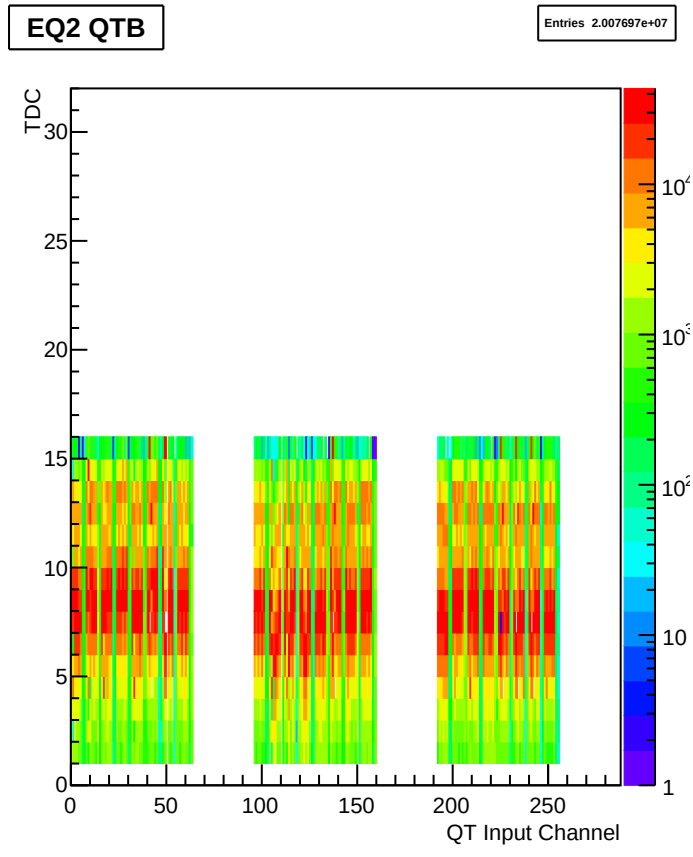

EQ1 QTB
Entries 5.753117e+07
ADC
QT Input Channel

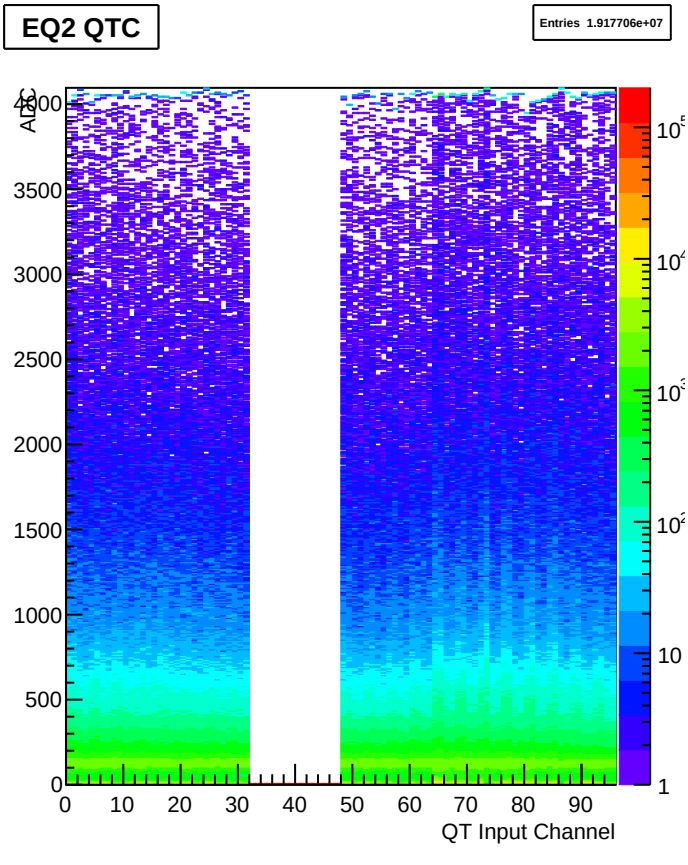

EQ1 QTB
Entries 2.015494e+07
TDC
QT Input Channel

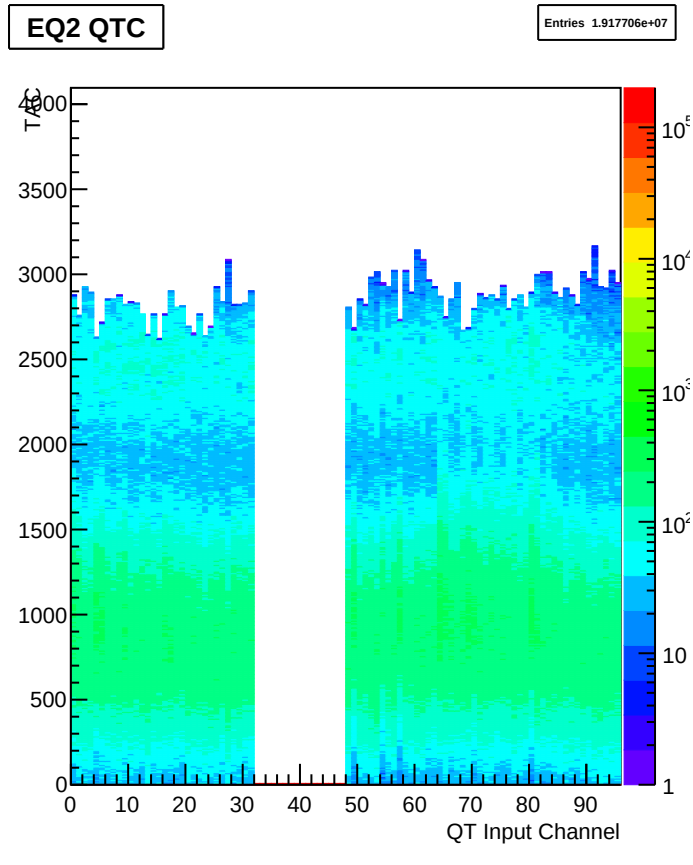

EQ1 QTC
Entries 1.917706e+07
ADC
QT Input Channel

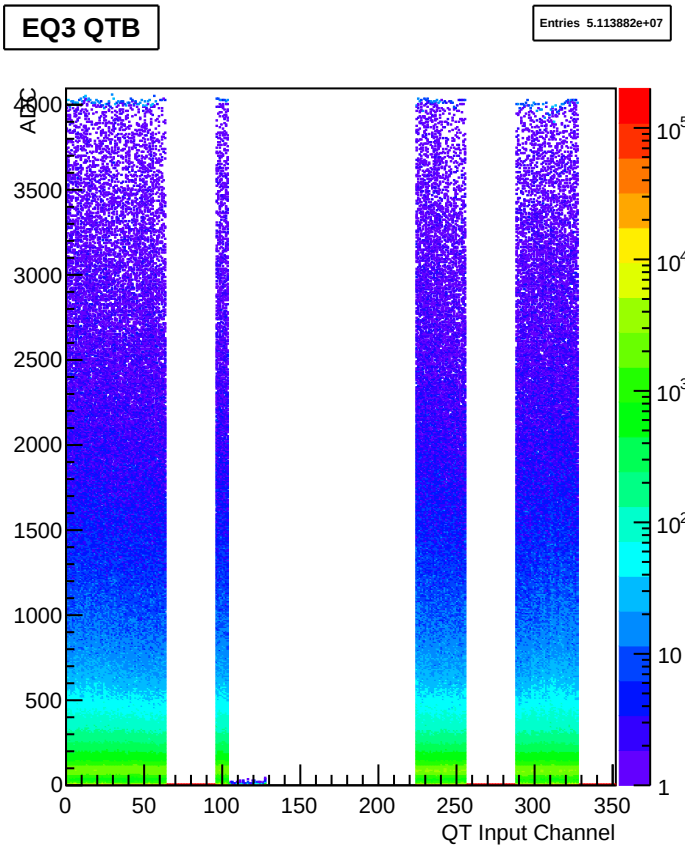

EQ1 QTC
Entries 1.917706e+07
TADC
QT Input Channel

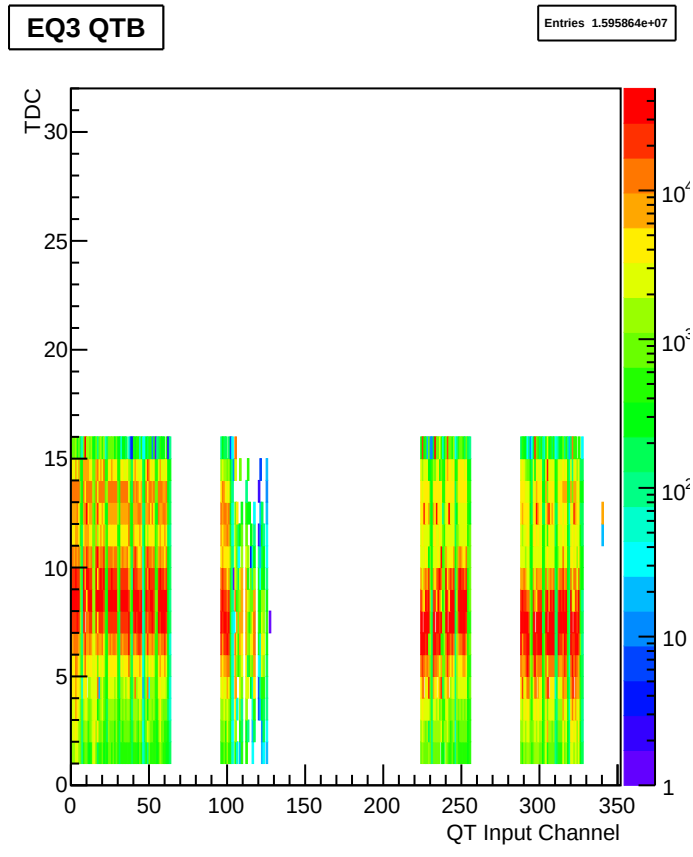

EQ2 QTB
Entries 5.753117e+07
ADC
QT Input Channel

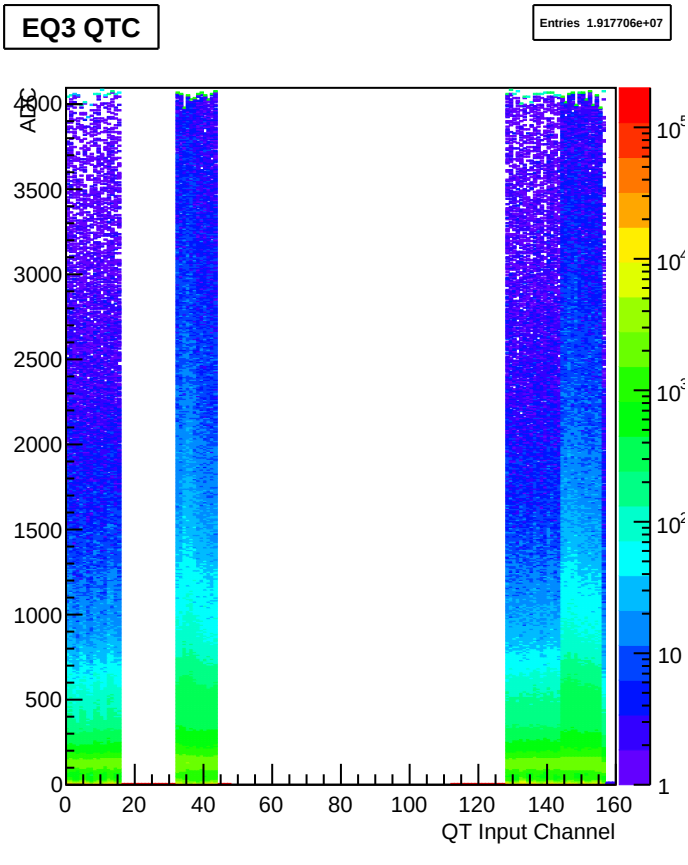

EQ2 QTB
Entries 2.007697e+07
TDC
QT Input Channel

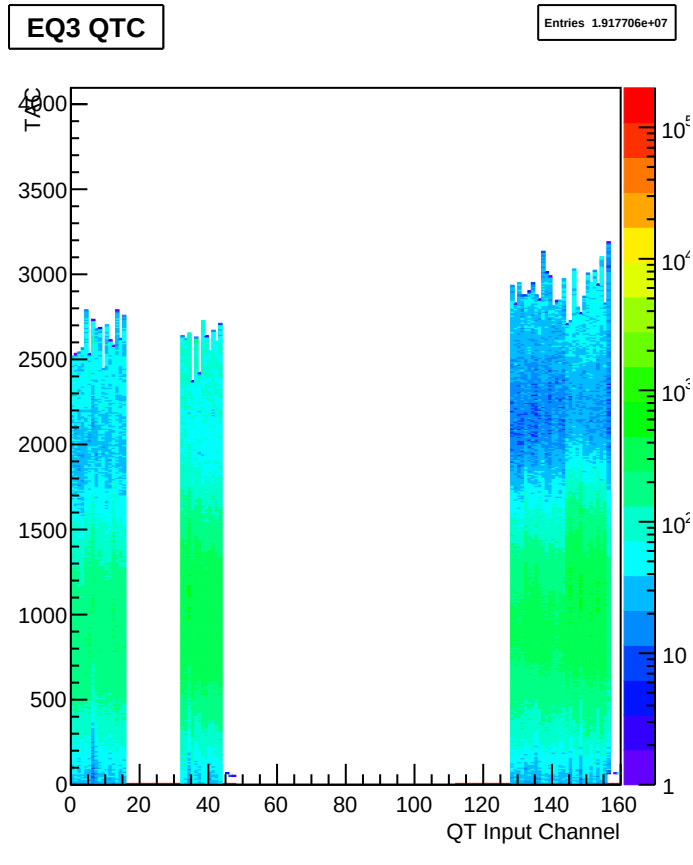

EQ2 QTC
Entries 1.917706e+07
ADC
QT Input Channel

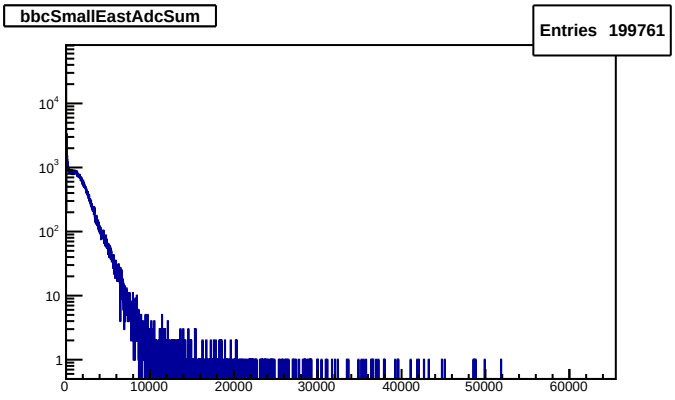

EQ2 QTC
Entries 1.917706e+07
TADC
QT Input Channel

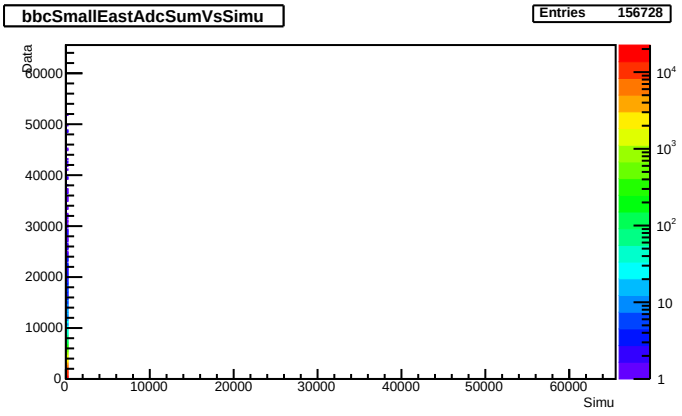

EQ3 QTB
Entries 5.113882e+07
ADC
QT Input Channel

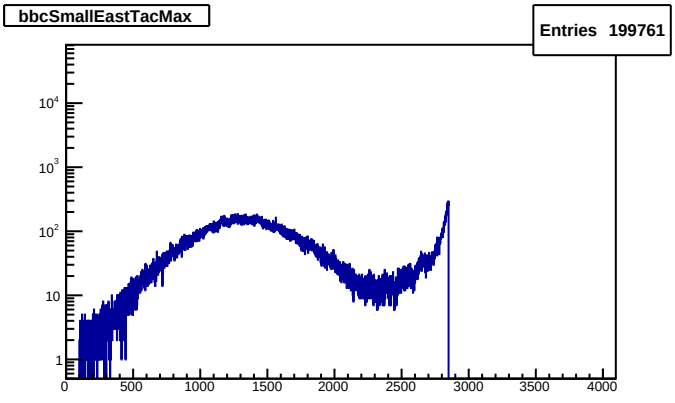

EQ3 QTB
Entries 1.595864e+07
TDC
QT Input Channel

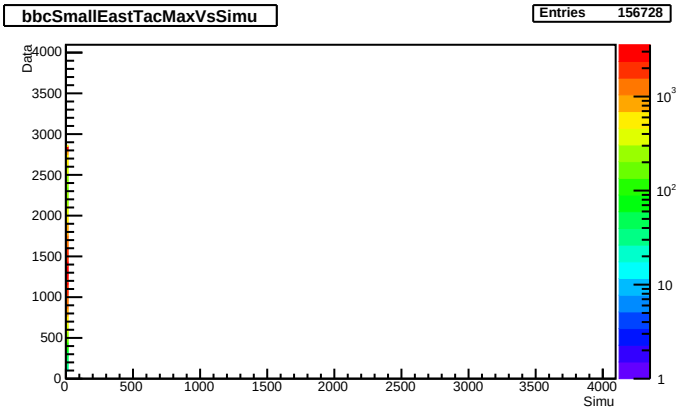

EQ3 QTC
Entries 1.917706e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.917706e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 199761


bbcSmallEastAdcSumVsSimu
Entries 156728
Data
Simu


bbcSmallEastTacMax
Entries 199761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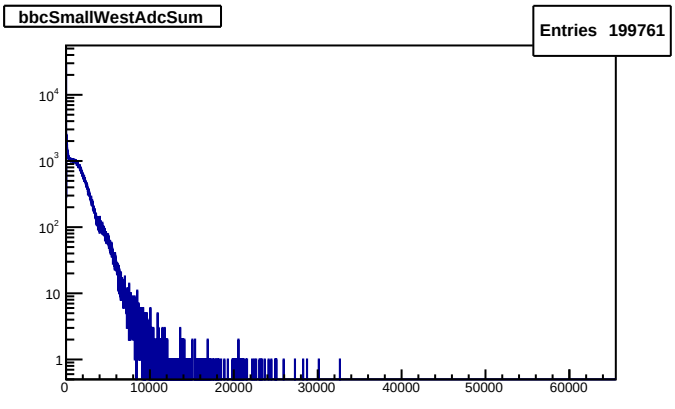
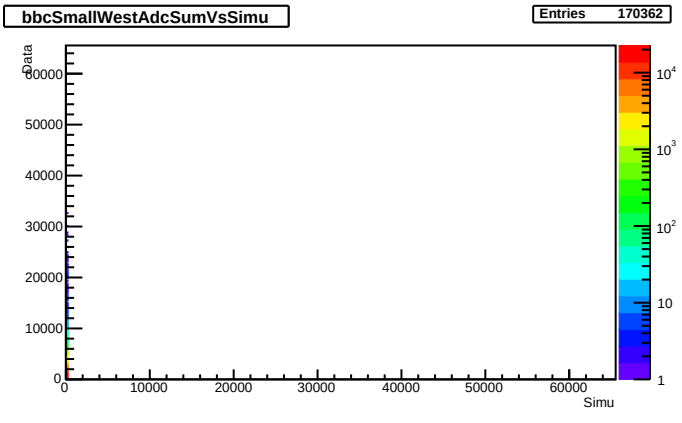
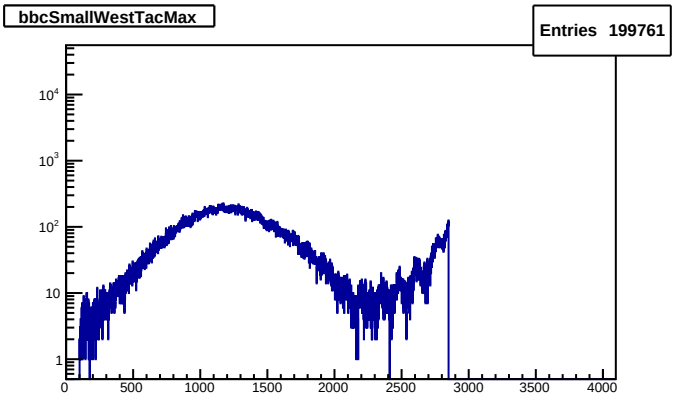
Entries 156728
Data
Simu


bbcSmallWestAdcSum
Entries 199761


bbcSmallWestAdcSumVsSimu
Entries 170362
Data
Simu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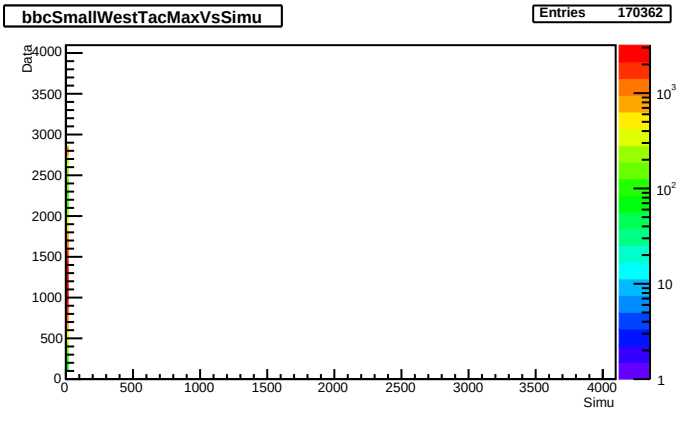
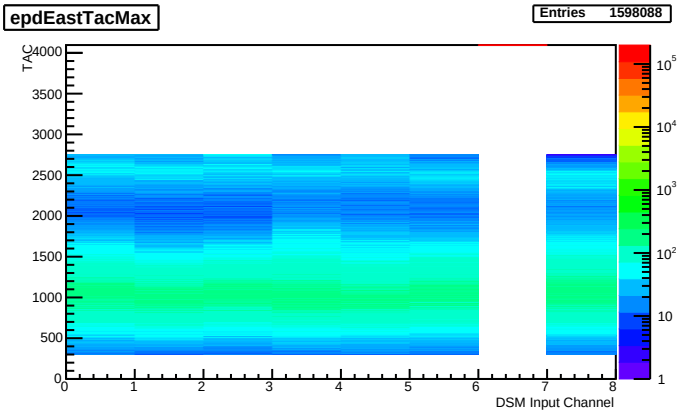
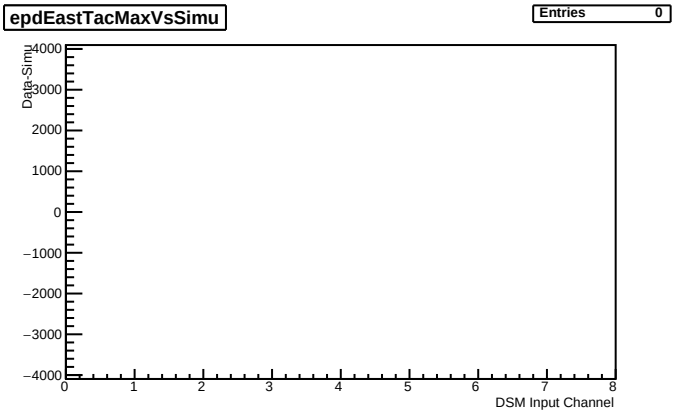
Entries 199761


bbcSmallWestTacMaxVsSimu
Entries 170362
Data
Simu


epdEastTacMax
Entries 1598088
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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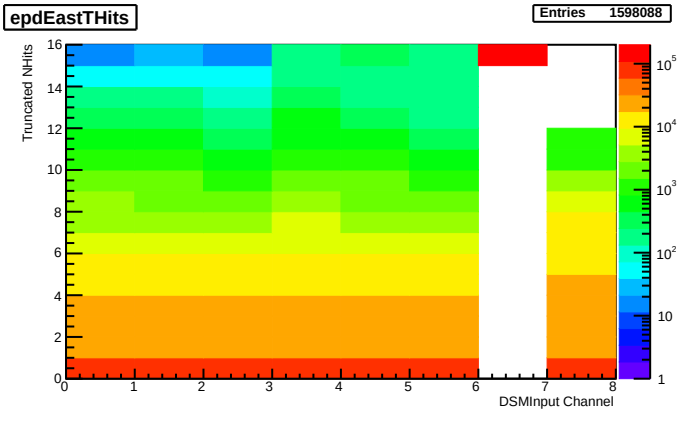
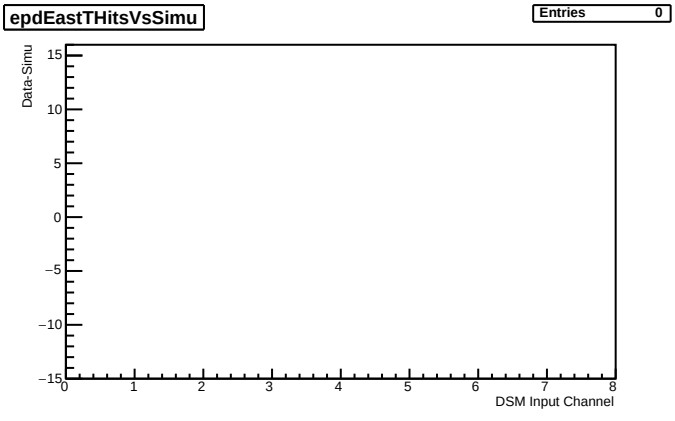

epdEastTHits
Entries 1598088
Truncated NHits
DSMInput Channel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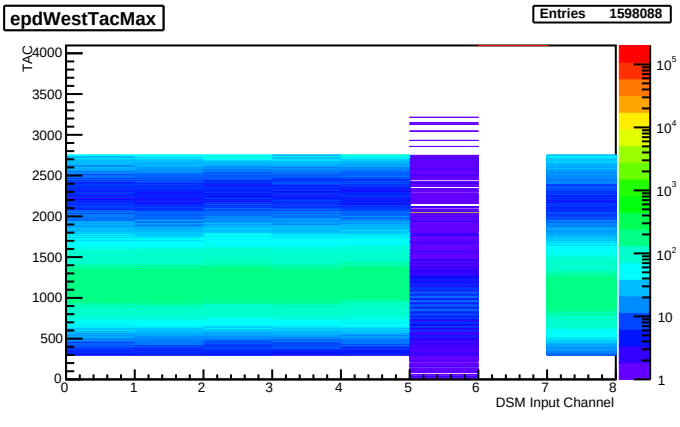
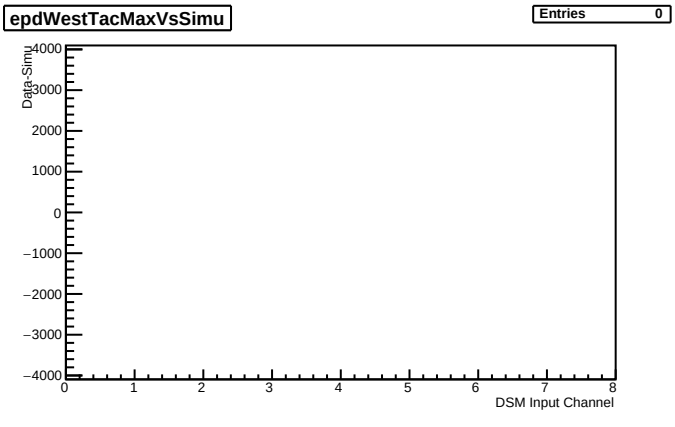
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1598088
TAC
DSM Input Channel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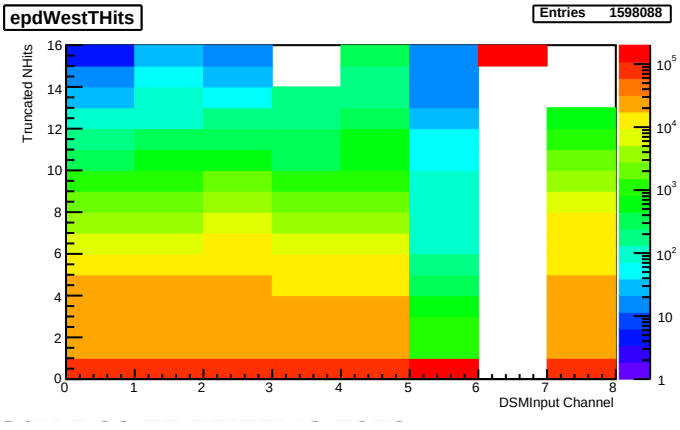
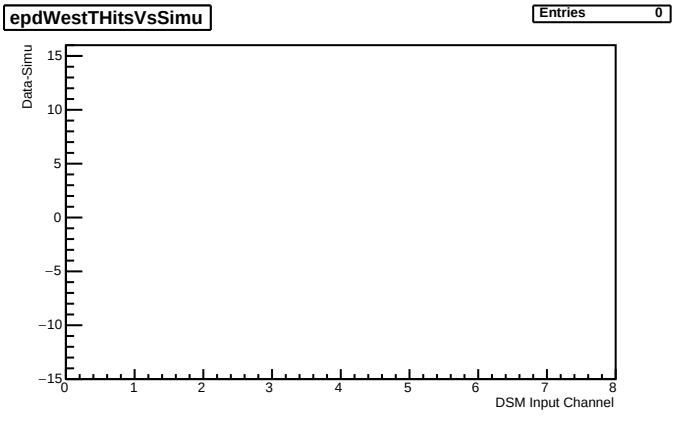
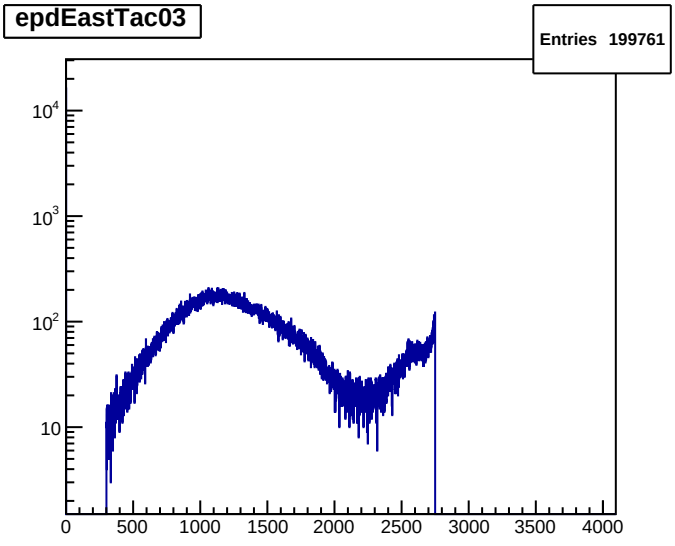
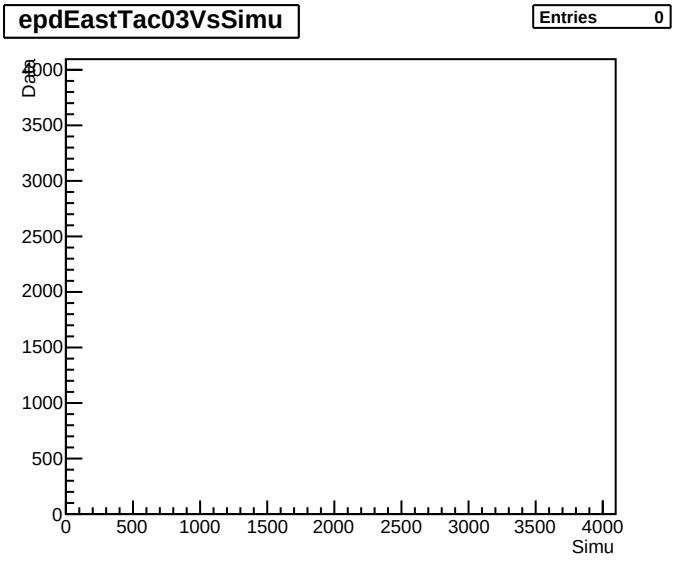
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1598088
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 199761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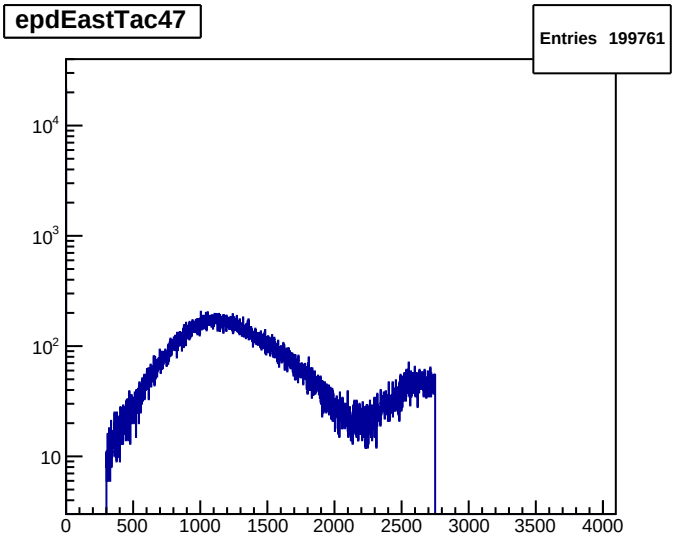
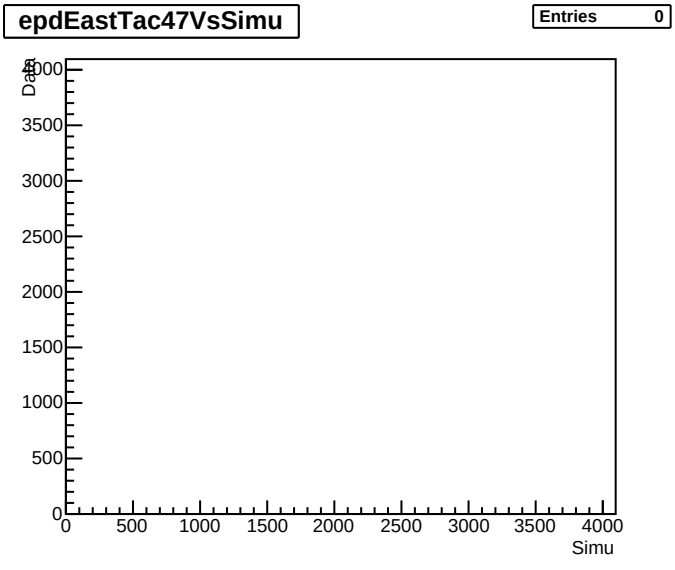
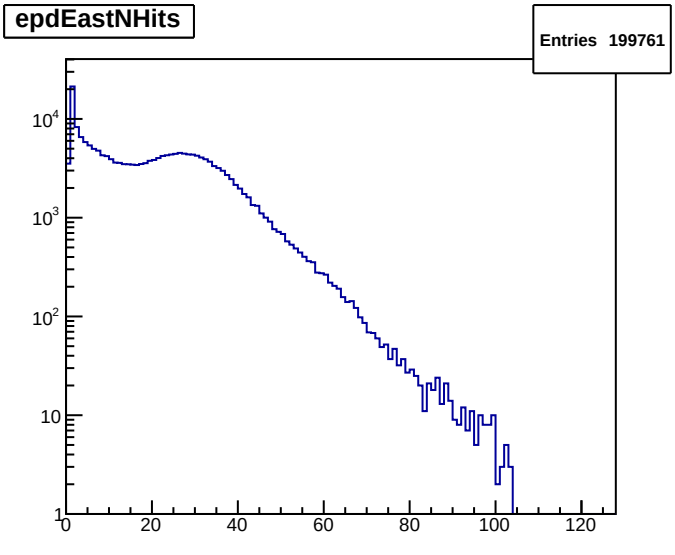
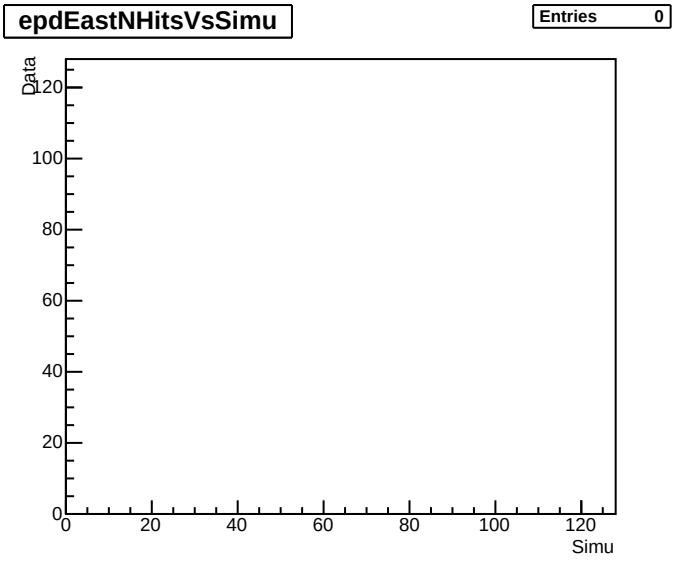
Entries 0
Data
Simu


epdEastTac47
Entries 199761


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 199761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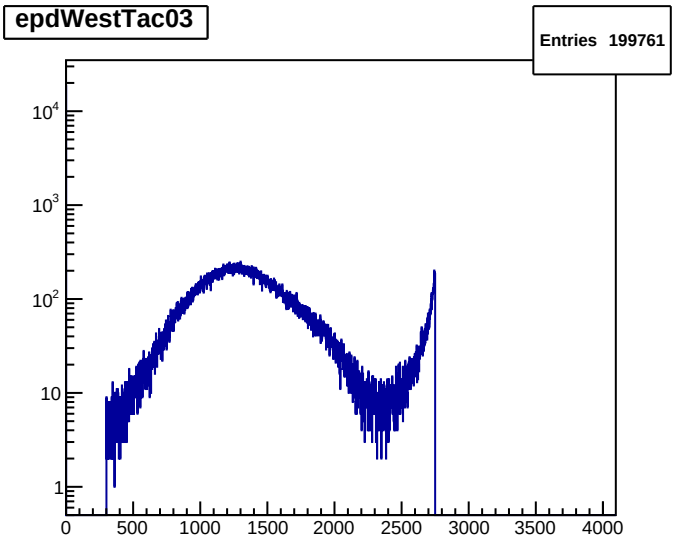
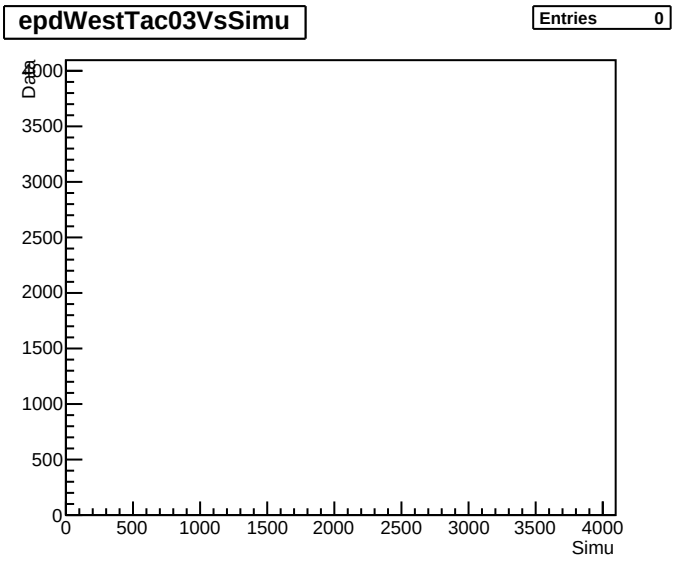
Entries 0
Data
Simu


epdWestTac03
Entries 199761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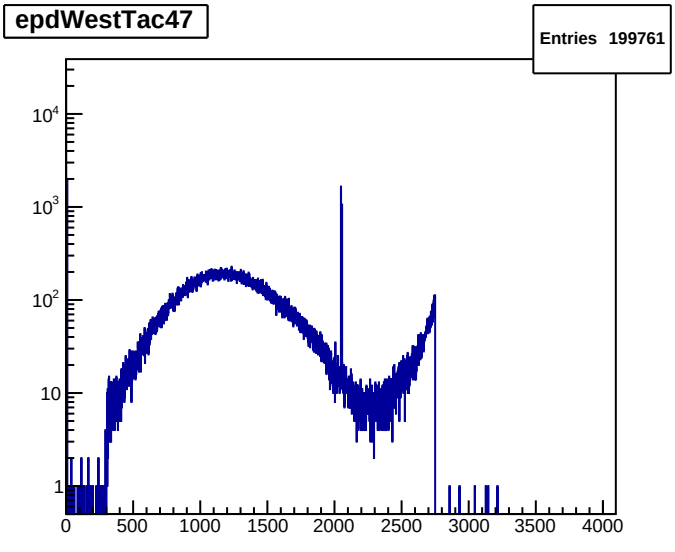
Entries 0
Data
Simu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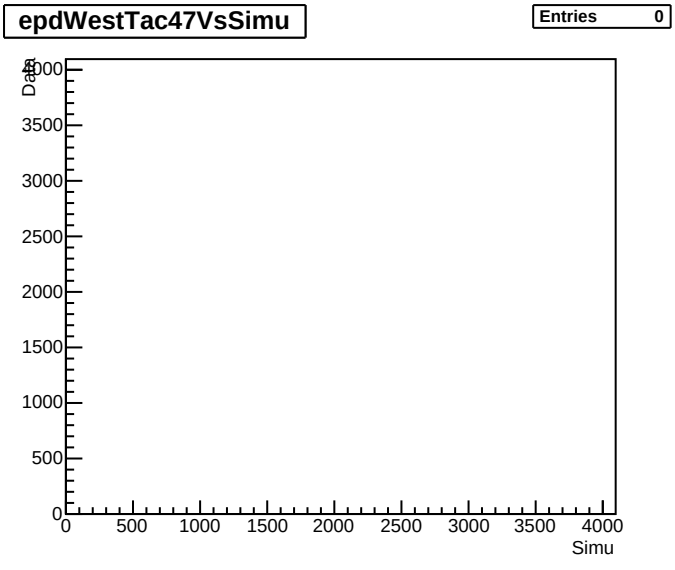
Entries 199761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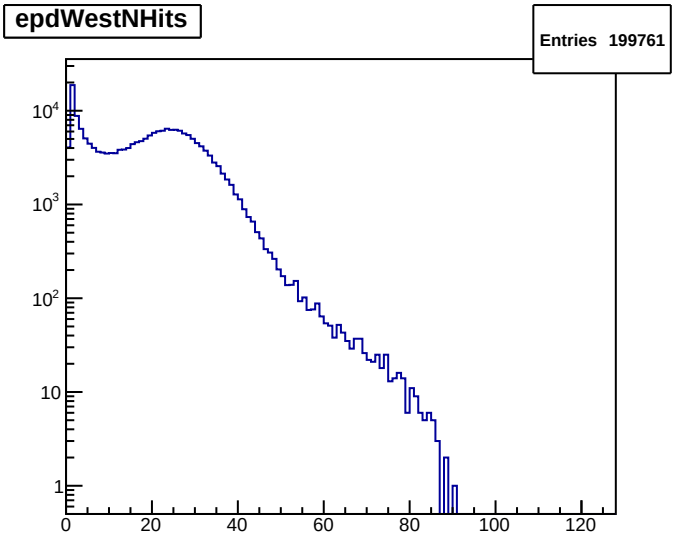
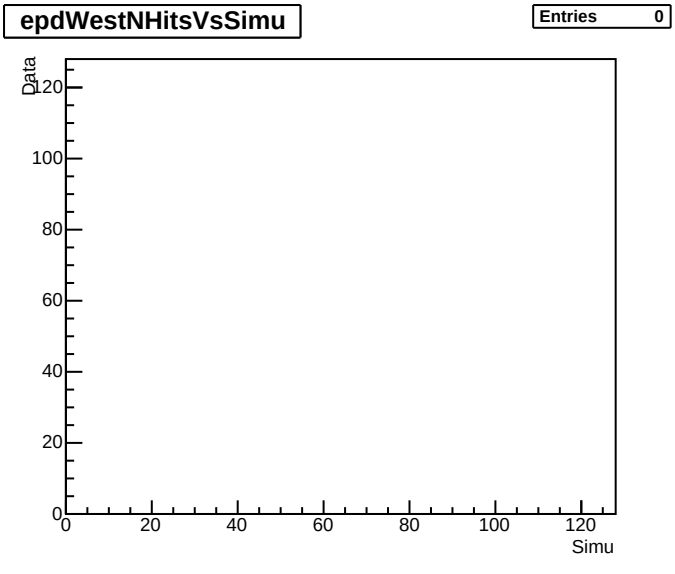
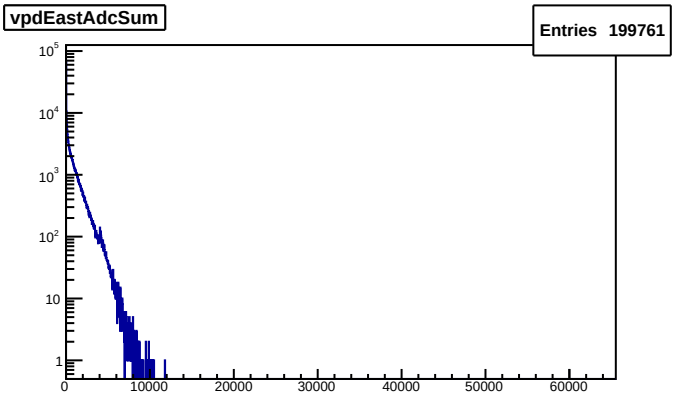
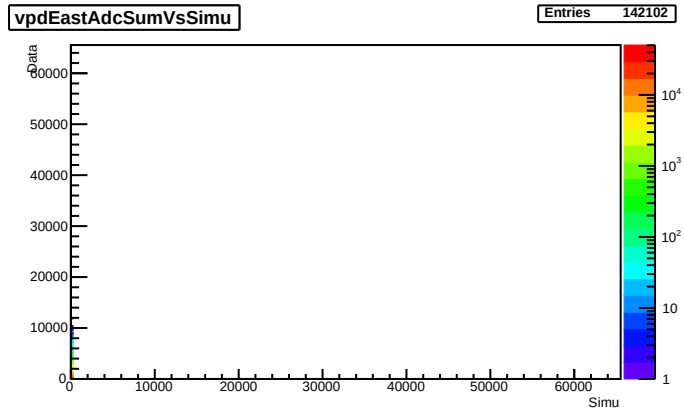
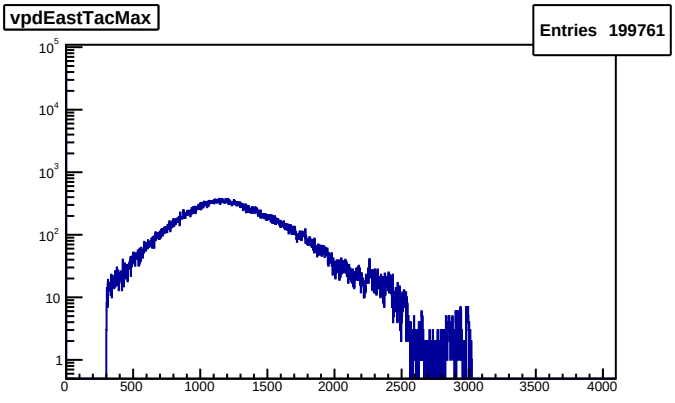
Entries 0
Data
Simu

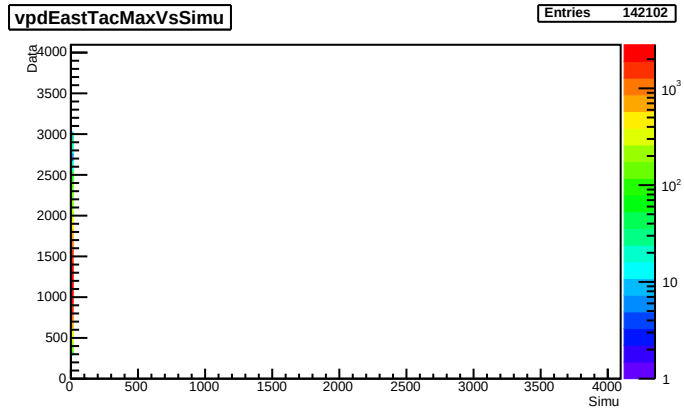

epdWestNHits
Entries 199761

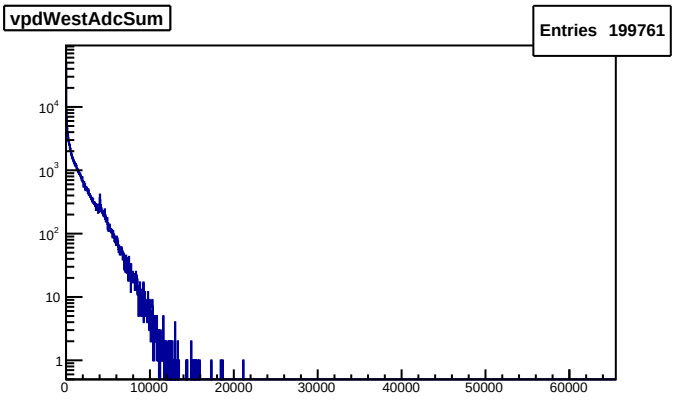

epdWestNHitsVsSimu
Entries 0
Data
Simu

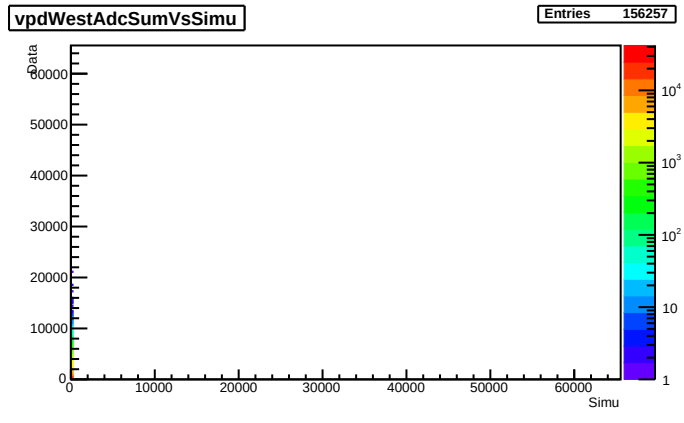

vpdEastAdcSum
Entries 199761

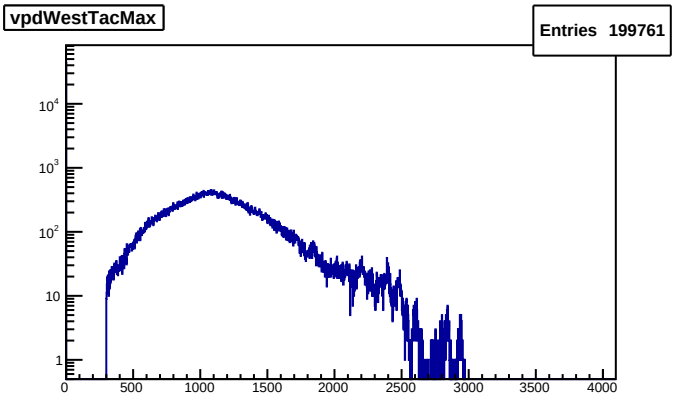

vpdEastAdcSumVsSimu
Entries 142102
Data
Simu

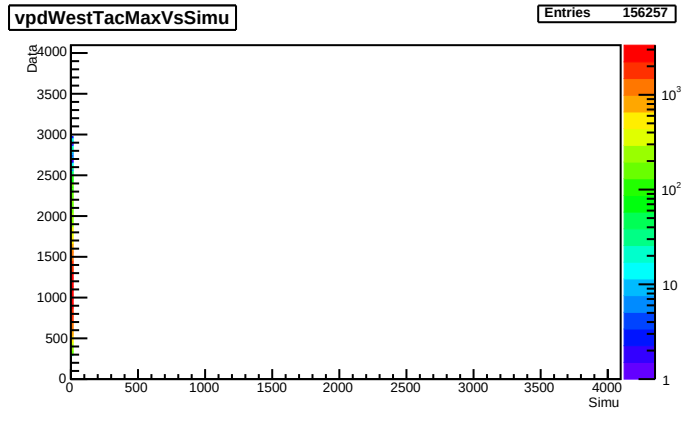

vpdEastTacMax
Entries 199761

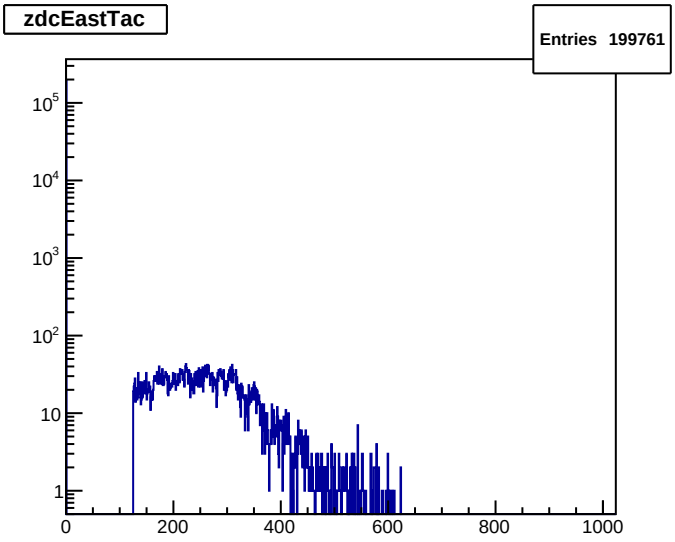

vpdEastTacMaxVsSimu
Entries 142102
Data
Simu

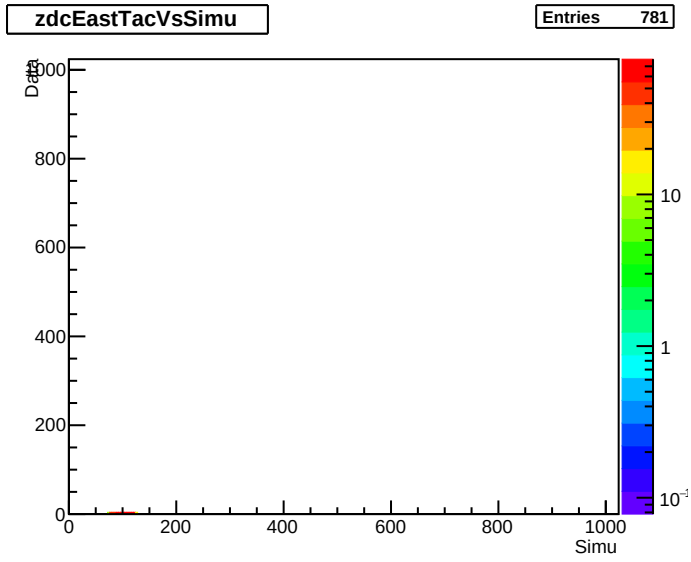

vpdWestAdcSum
Entries 199761

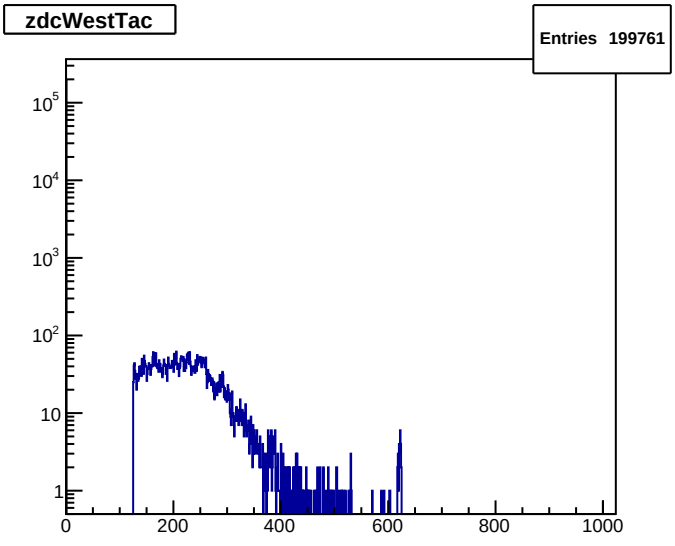

vpdWestAdcSumVsSimu
Entries 156257
Data
Simu

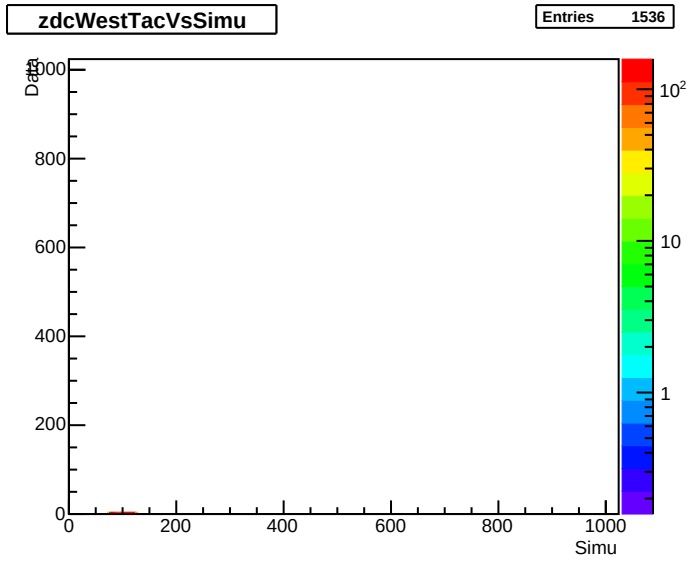

vpdWestTacMax
Entries 199761

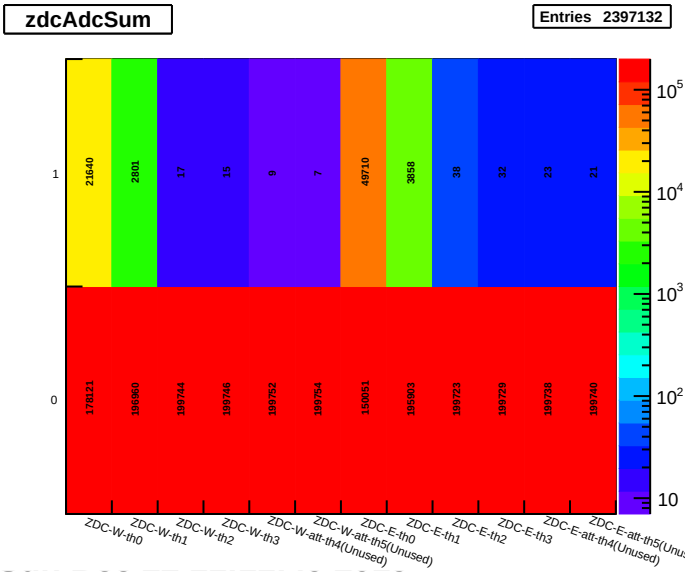

vpdWestTacMaxVsSimu
Entries 156257
Data
Simu

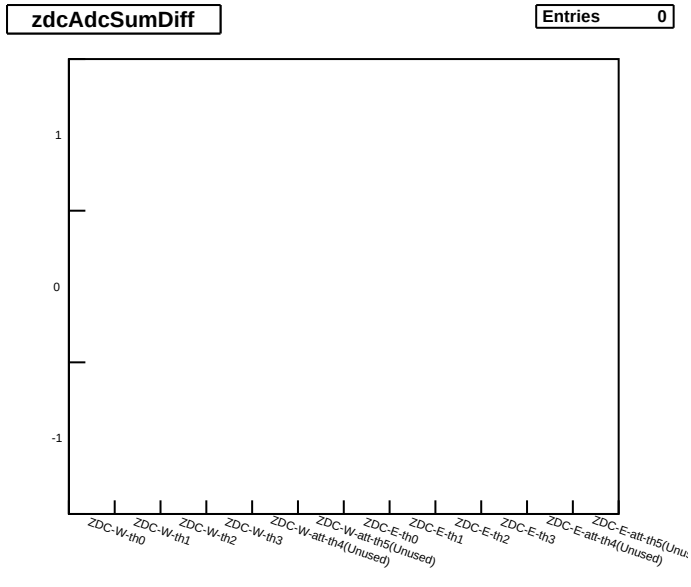

zdcEastTac
Entries 199761

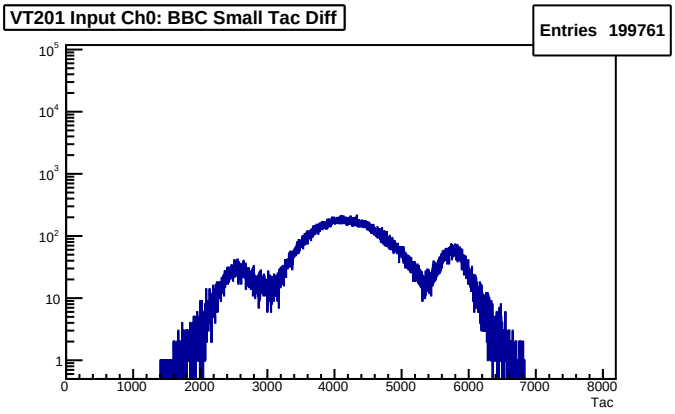

zdcEastTacVsSimu
Entries 781
Data
Simu

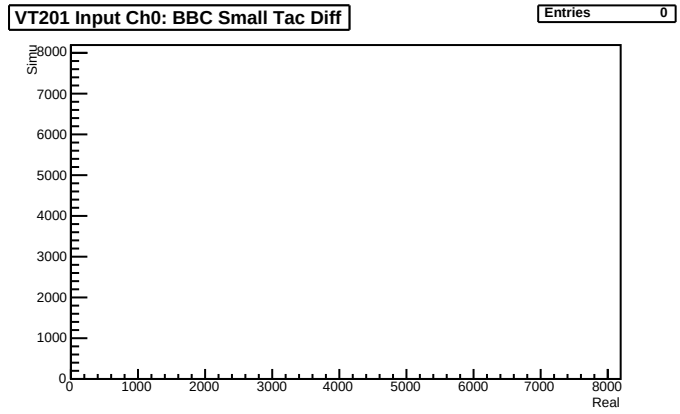

zdcWestTac
Entries 199761

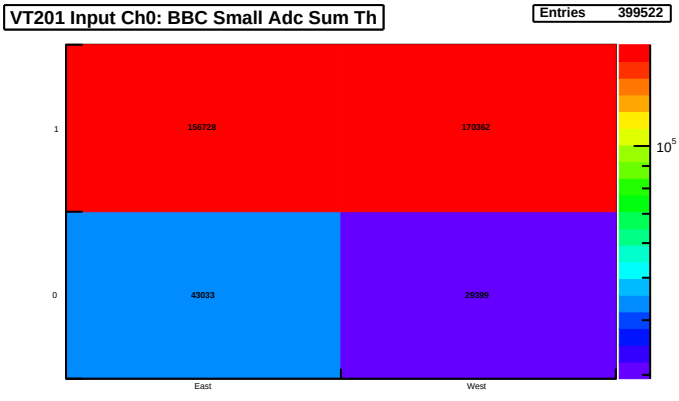

zdcWestTacVsSimu
Entries 1536
Data
Simu

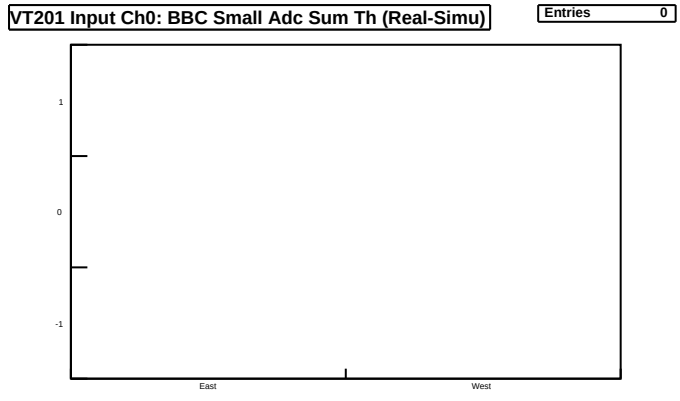

zdcAdcSum
Entries 2397132
21640
2801
17
15
9
7
49710
3858
38
32
23
21
178121
196860
199744
199746
199752
199754
150051
195903
199723
199729
199738
199740
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

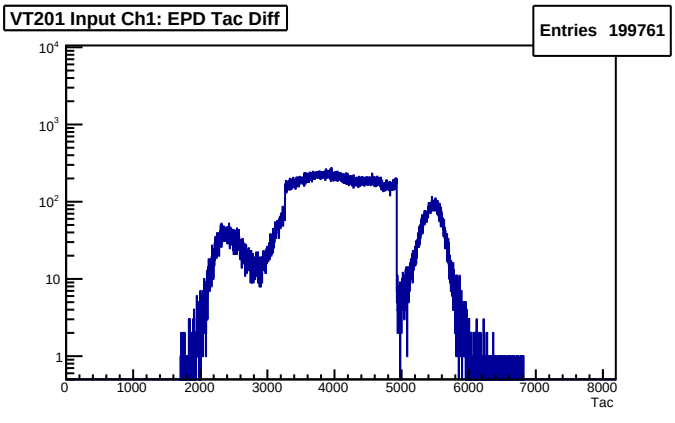

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

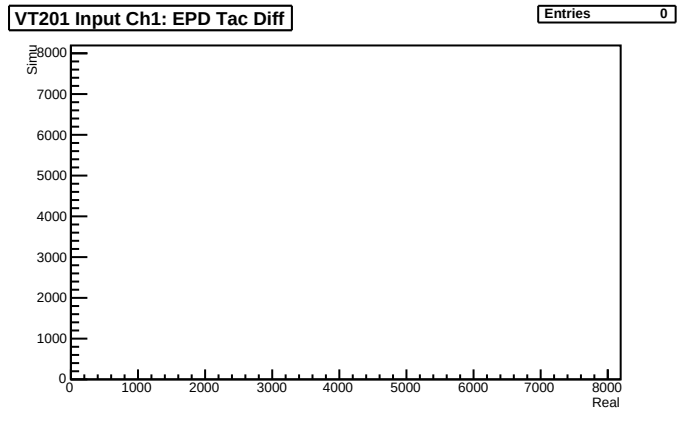

VT201 Input Ch0: BBC Small Tac Diff
Entries 199761
Tac

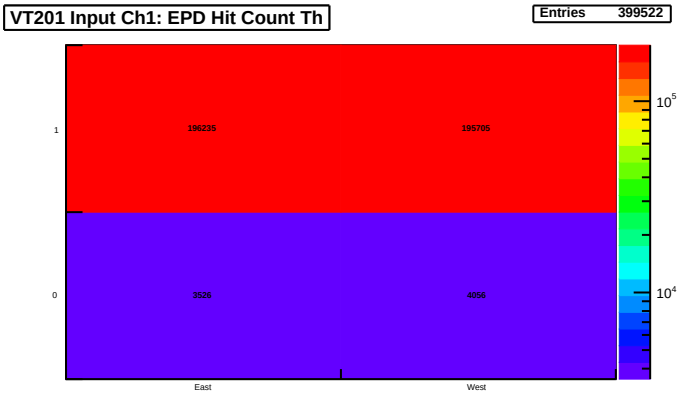

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

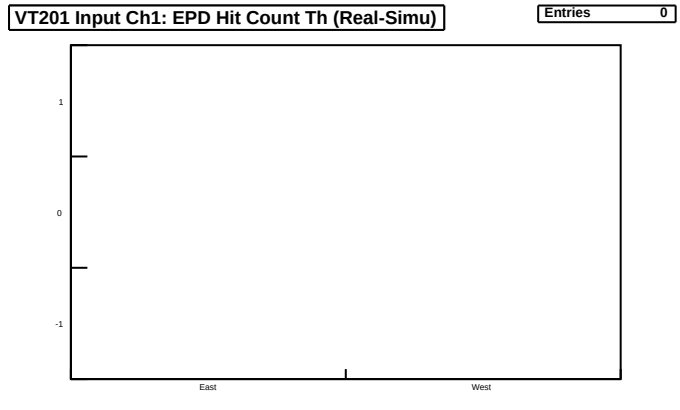

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 399522
156728
170362
43033
29399
East
West

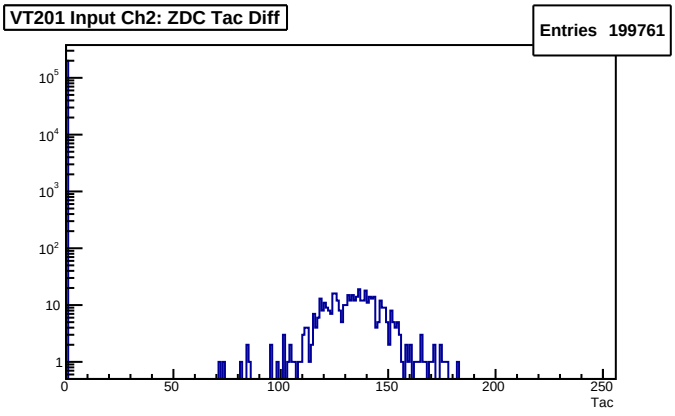

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

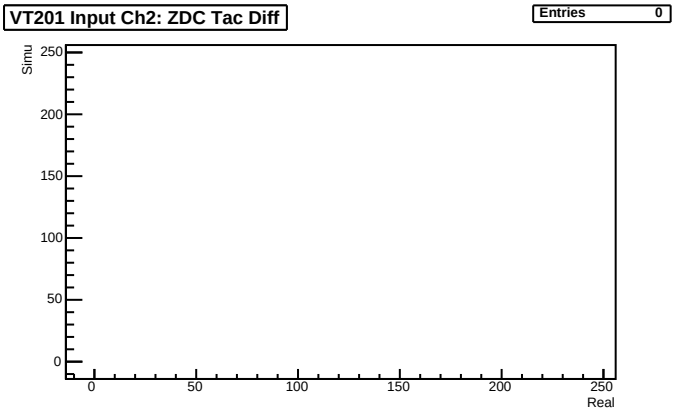

VT201 Input Ch1: EPD Tac Diff
Entries 199761
Tac

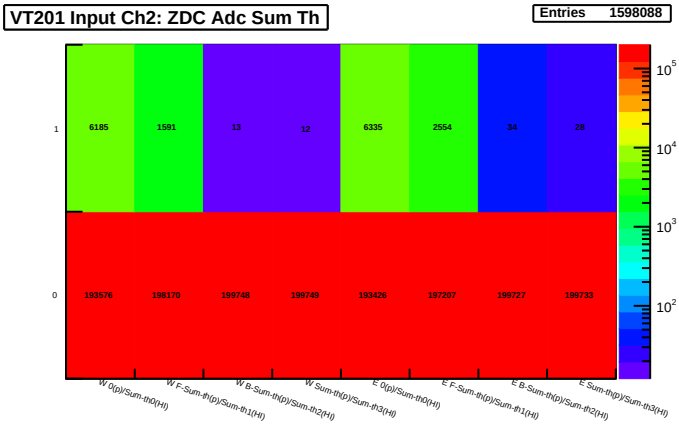

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

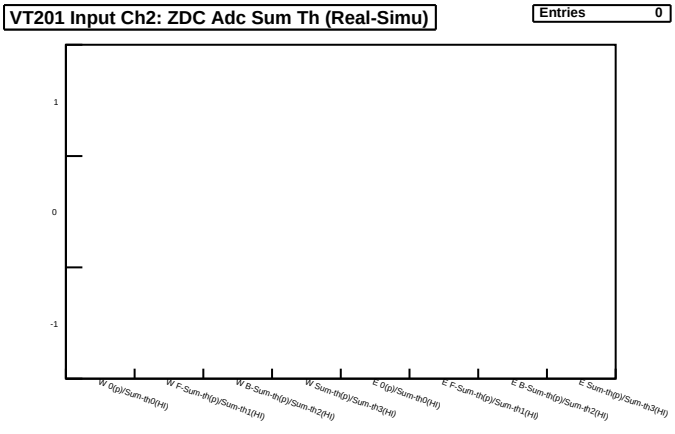

VT201 Input Ch1: EPD Hit Count Th
Entries 399522
196235
195705
3526
4056
East
West

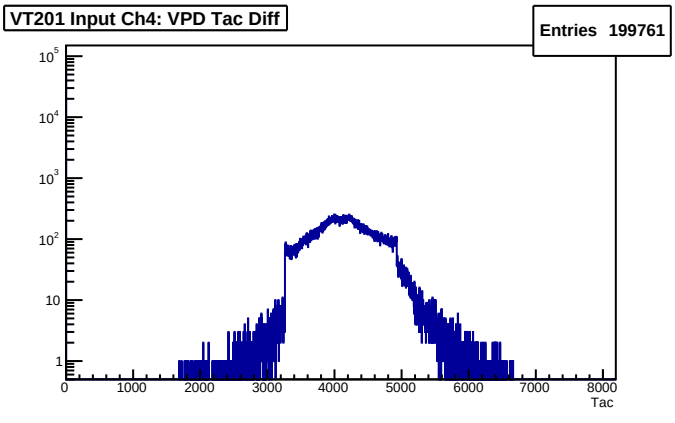

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

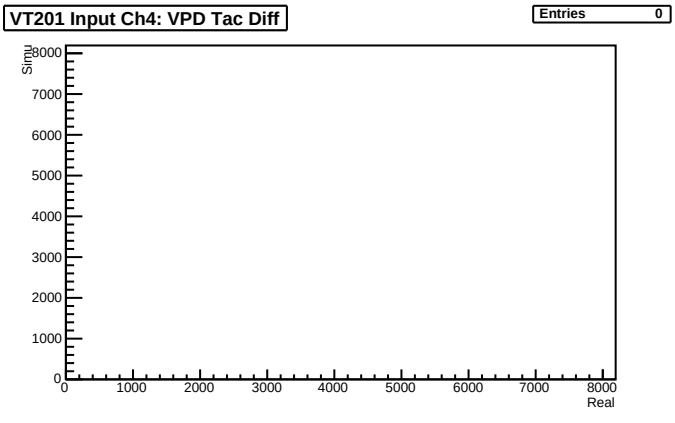

VT201 Input Ch2: ZDC Tac Diff
Entries 199761
Tac

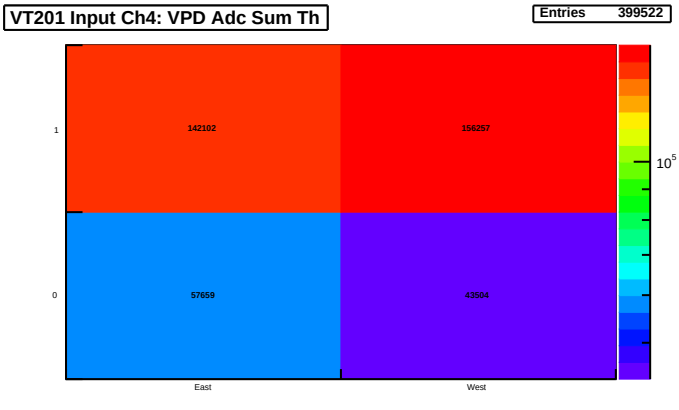

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

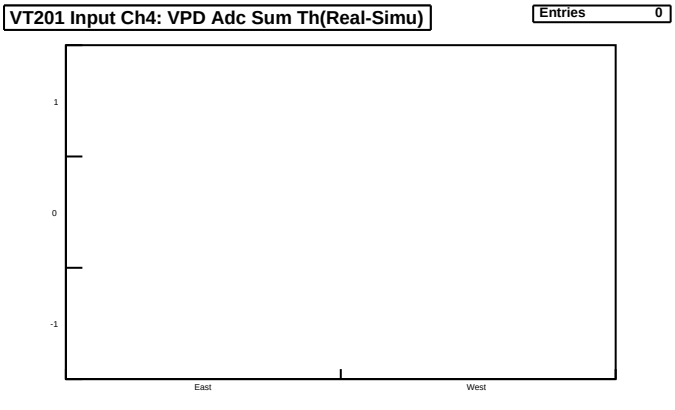

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1598088
6185
1591
13
12
6335
2554
34
28
193576
198170
199748
199749
193426
197207
199727
199733
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

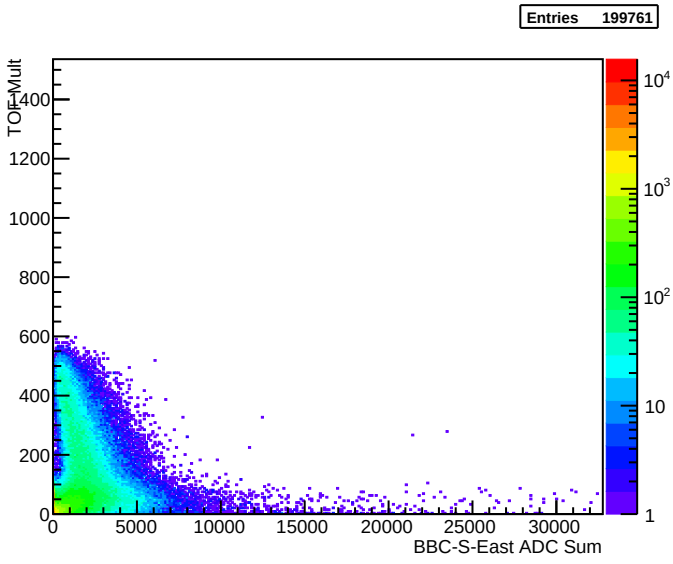

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

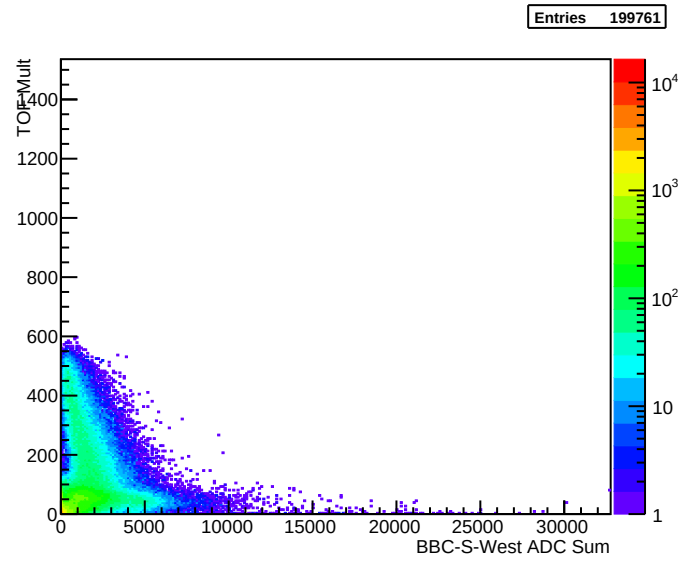

VT201 Input Ch4: VPD Tac Diff
Entries 199761
Tac

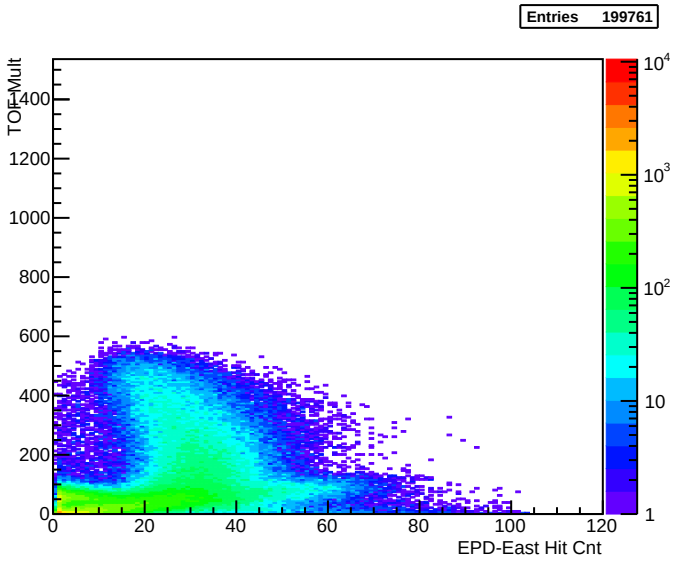

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

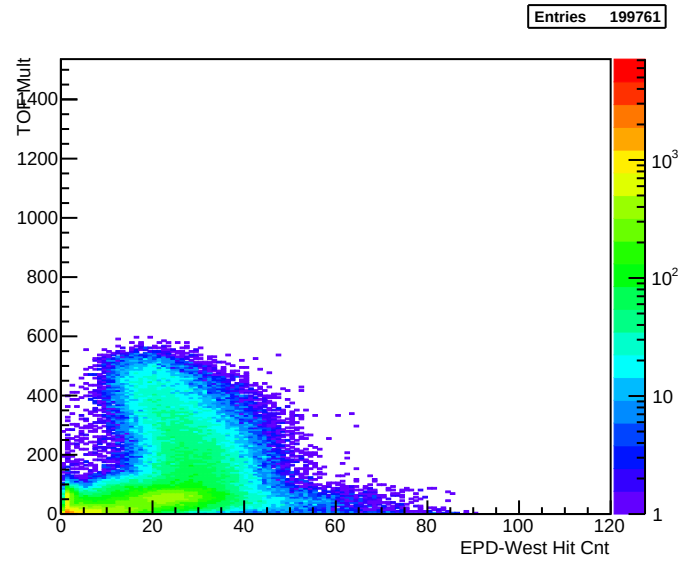

VT201 Input Ch4: VPD Adc Sum Th
Entries 399522
142102
150257
57659
43504
East
West

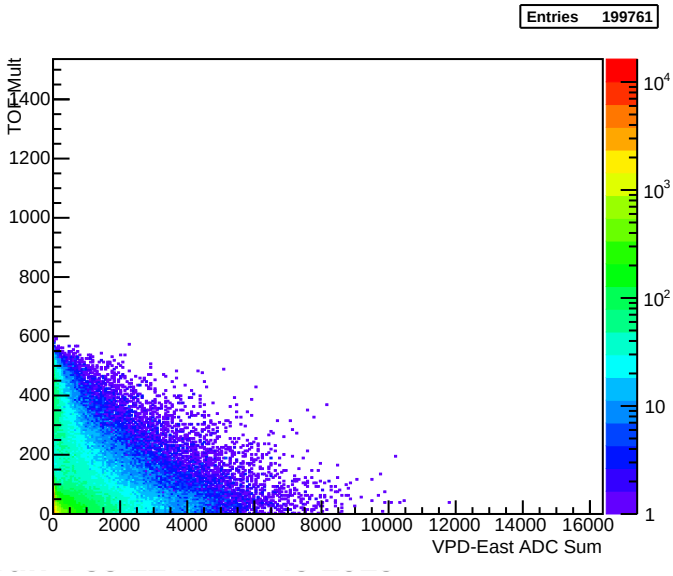

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

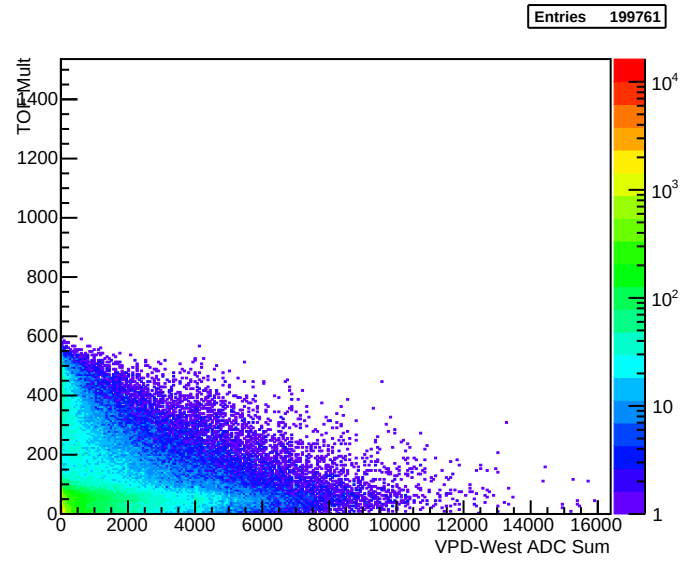

Entries 199761
TOF-Mult
BBC-S-East ADC Sum

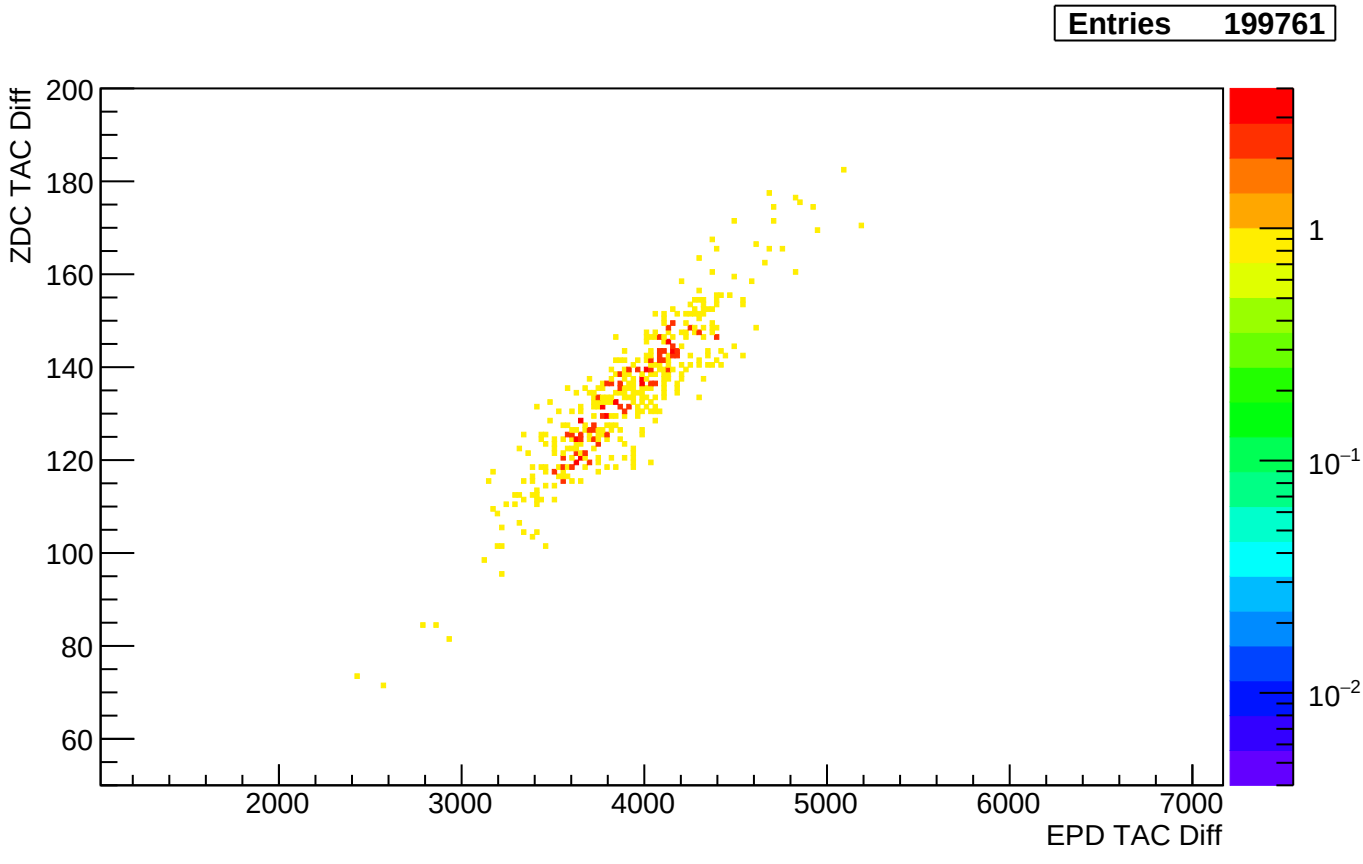

Entries 199761
TOF-Mult
BBC-S-West ADC Sum

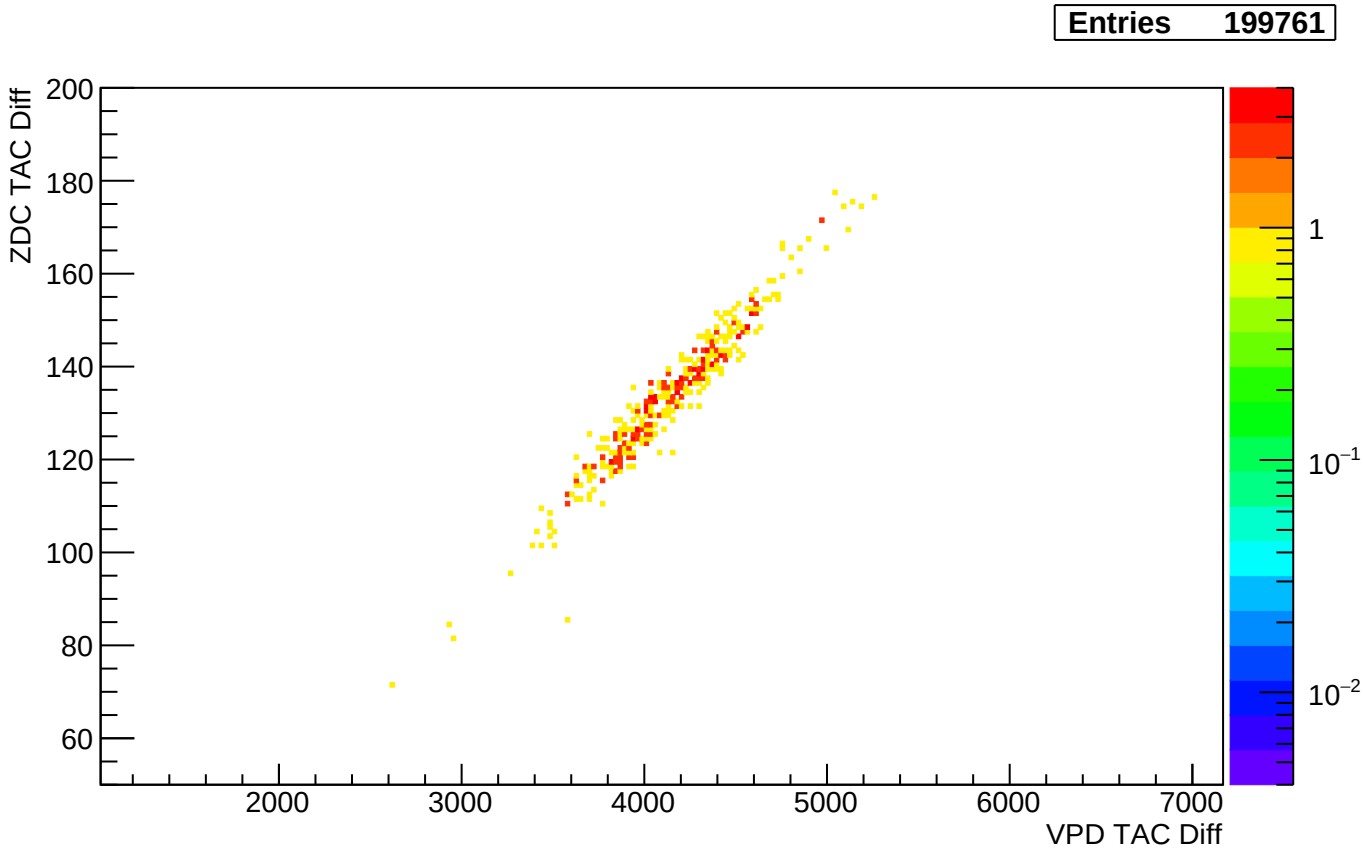

Entries 199761
TOF-Mult
EPD-East Hit Cnt

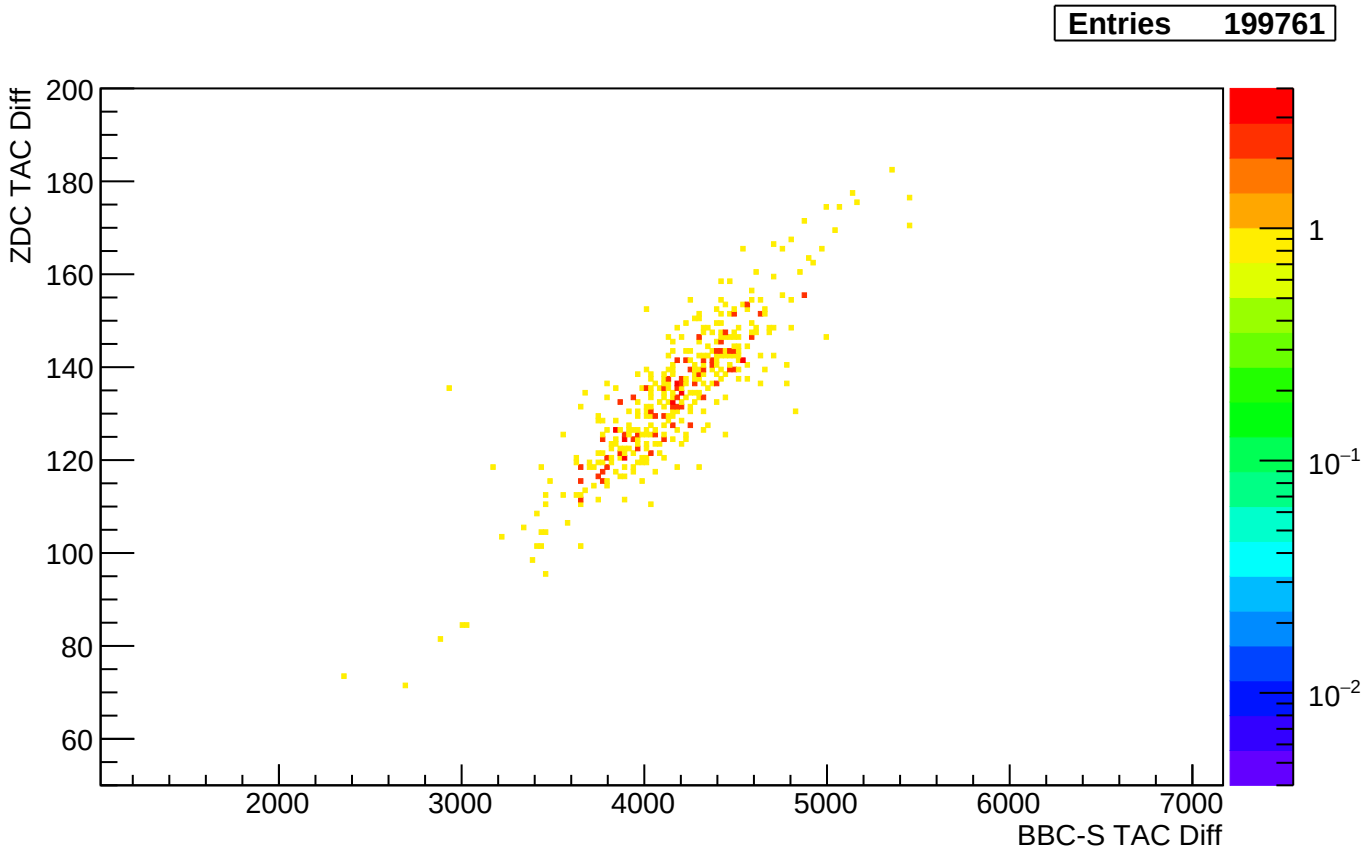

Entries 199761
TOF-Mult
EPD-West Hit Cnt

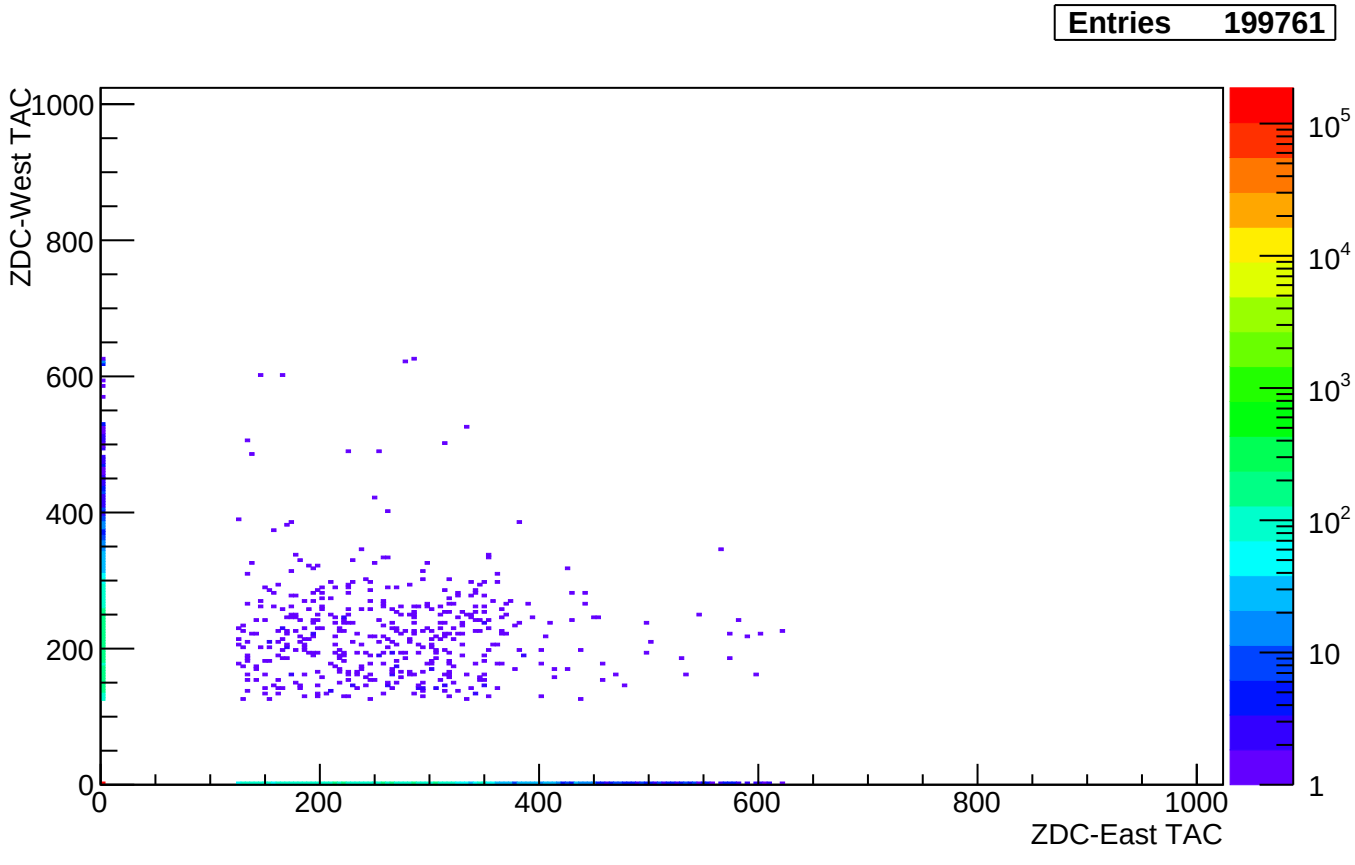

Entries 199761
TOF-Mult
VPD-East ADC Sum

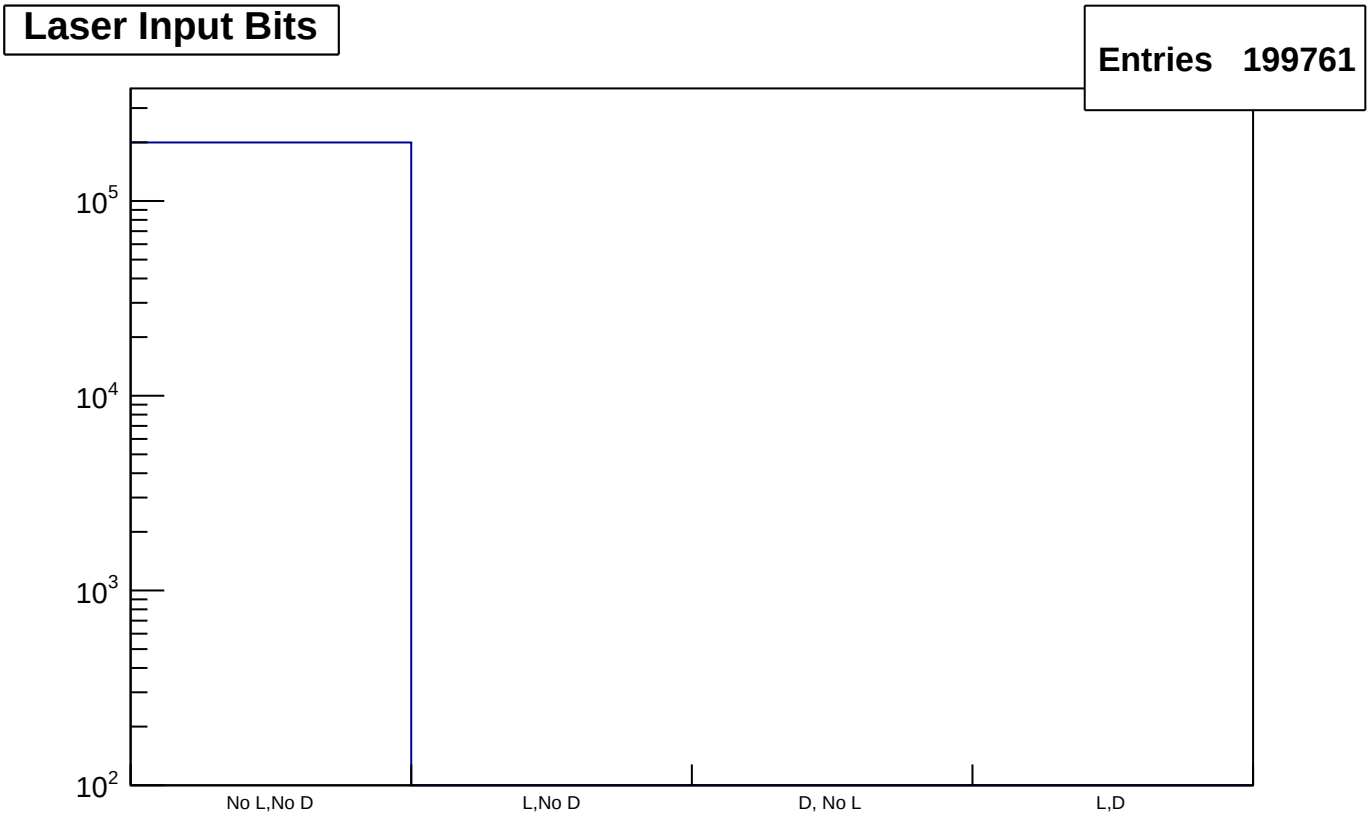

Entries 199761
TOF-Mult
VPD-West ADC Sum

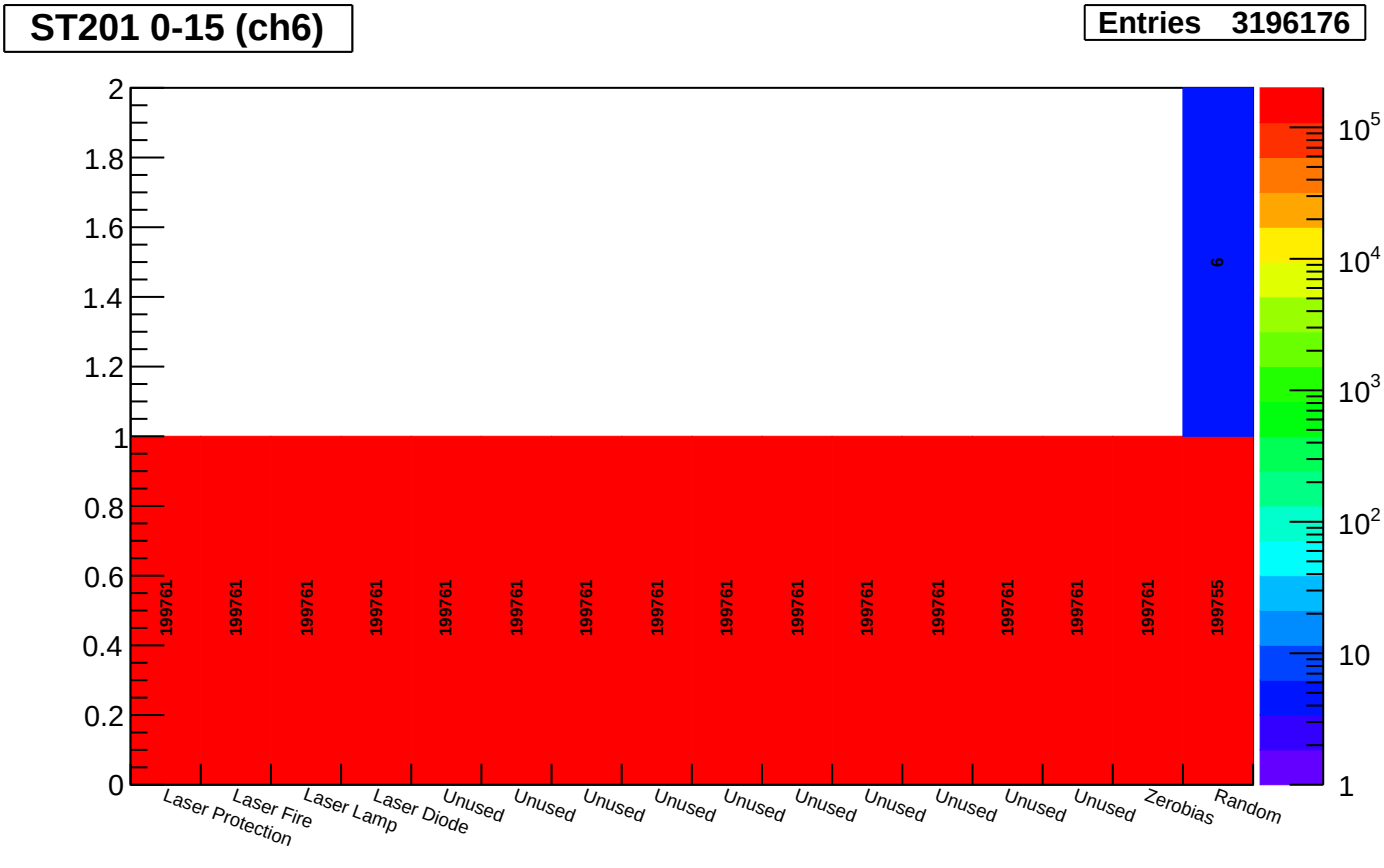

Entries 199761
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

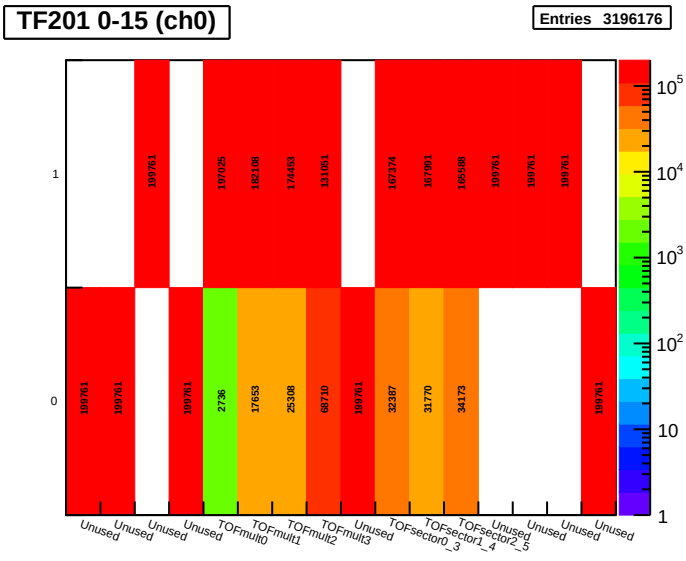

Entries 199761
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

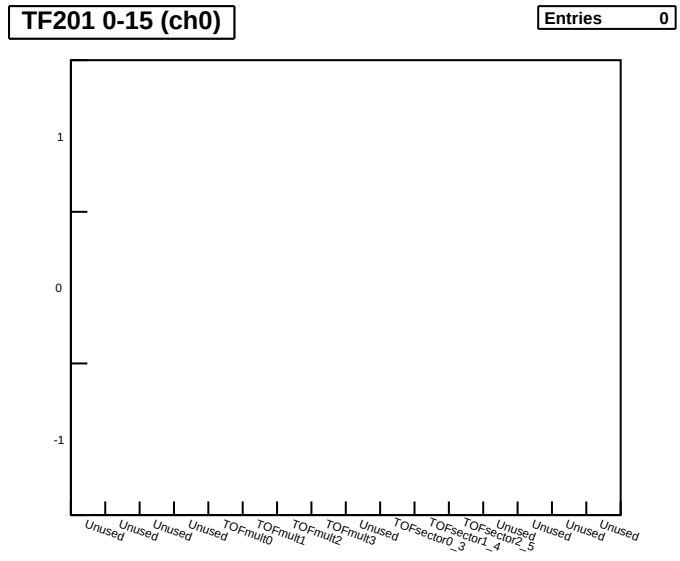

Entries 199761
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

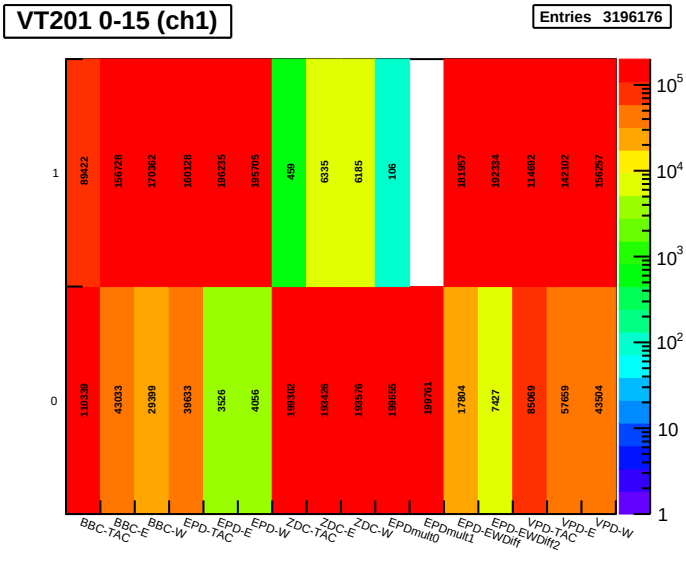

Entries 199761
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

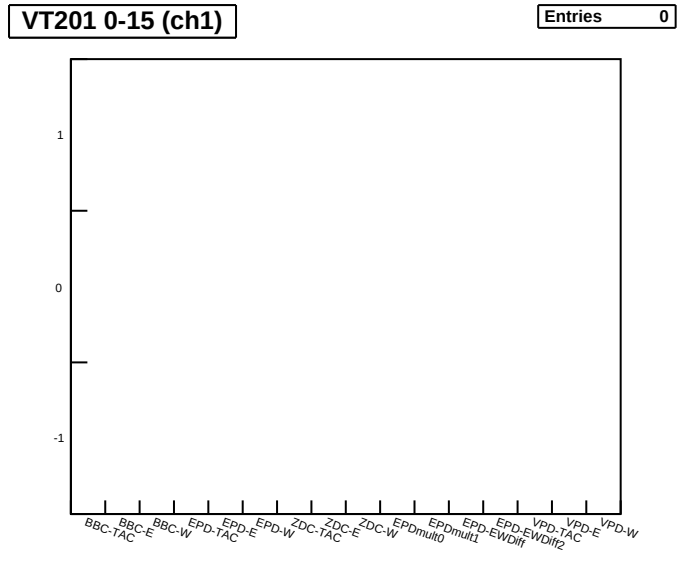

Laser Input Bits
Entries 199761
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

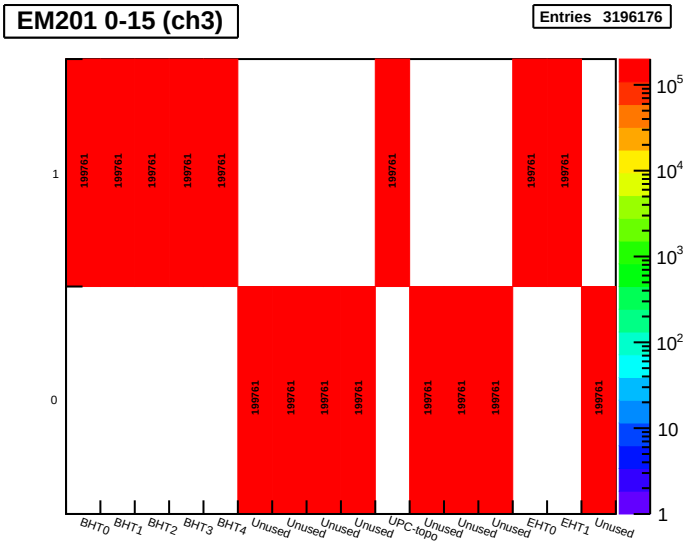

ST201 0-15 (ch6)
Entries 3196176
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
199761
199755
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

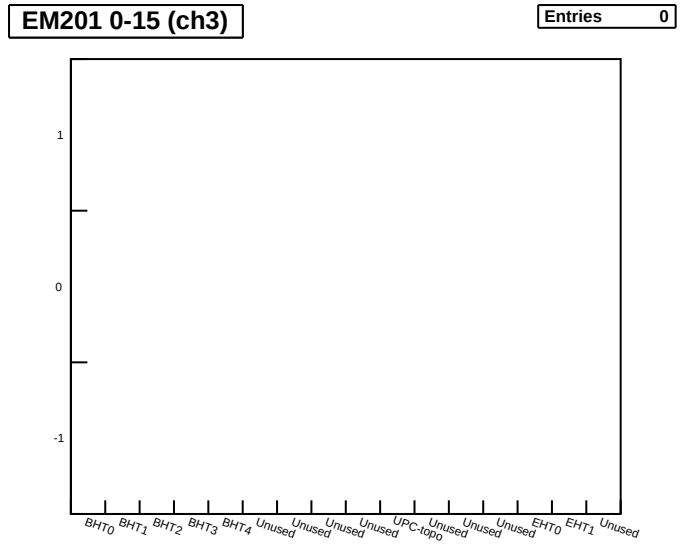

TF201 0-15 (ch0)
Entries 3196176
1
0
199761 199761 199761 2736 17653 25308 68710 199761 32387 31770 34173 199761
199761 197025 182108 174453 131051 167374 167991 165588 199761 199761 199761
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 3196176
1
0
110339 43033 29399 39633 3526 4056 199302 199426 199576 199655 199761 17004 7427 85069 57669 43504
83422 156728 170362 160128 196235 195705 459 6335 6185 106 181957 192334 114692 142102 156257
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 3196176
1
0
199761 199761 199761 199761 199761 199761 199761 199761 199761 199761 199761 199761 199761 199761 199761 199761
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