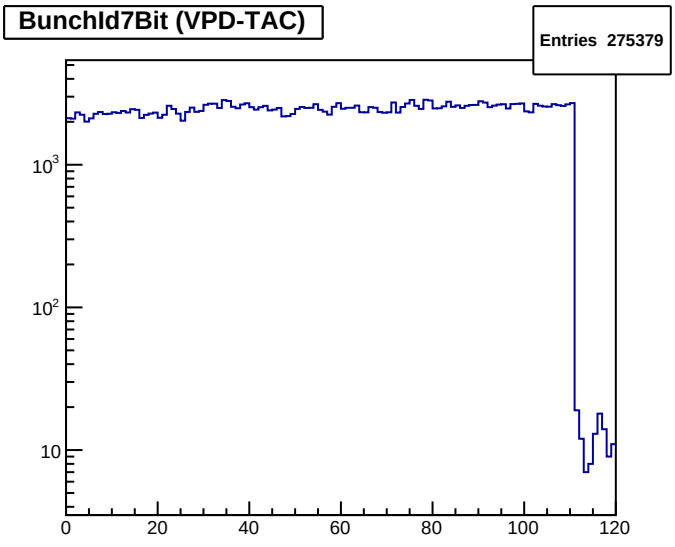
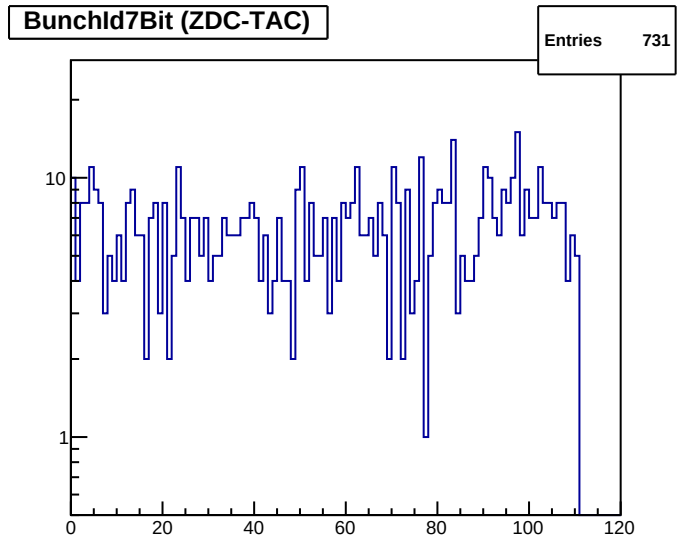
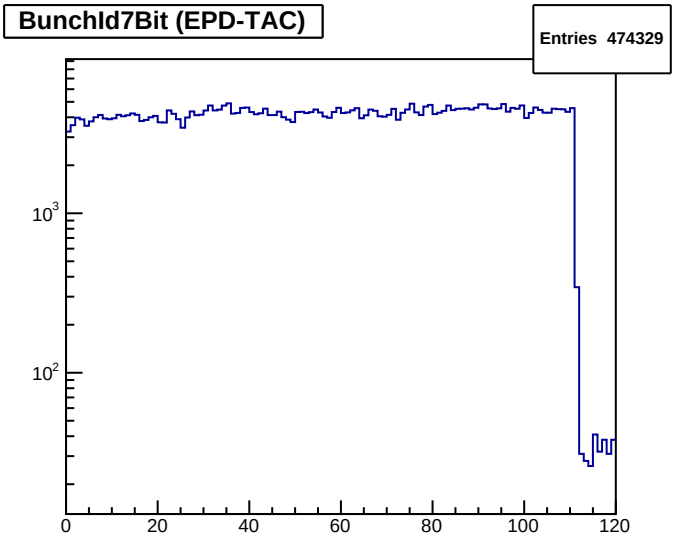
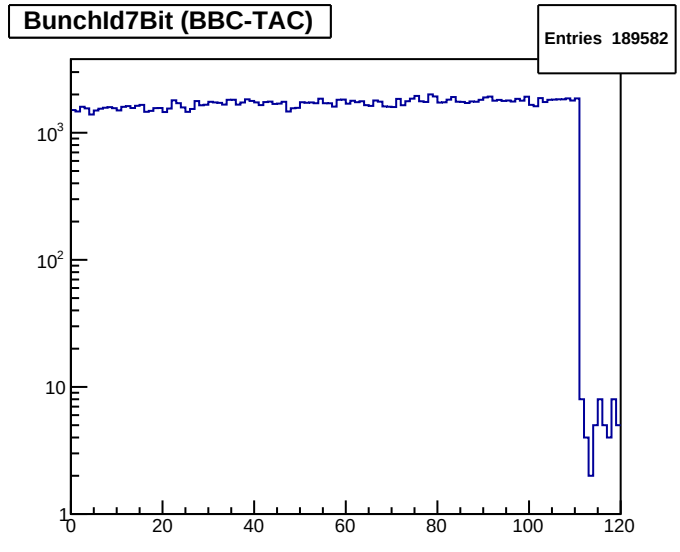
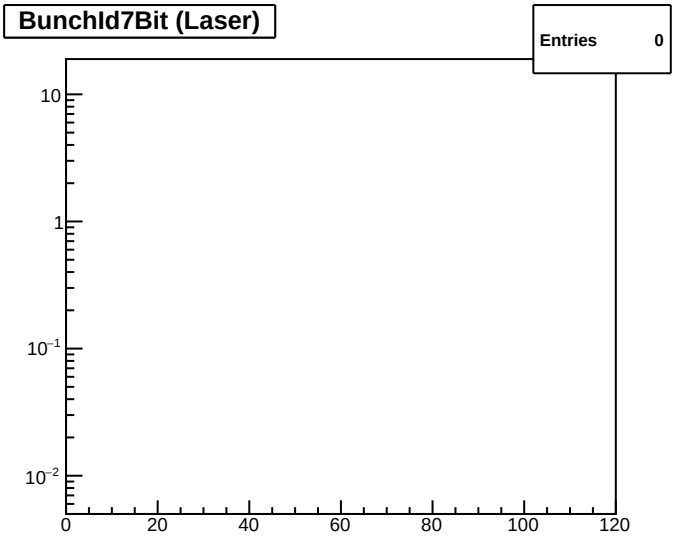
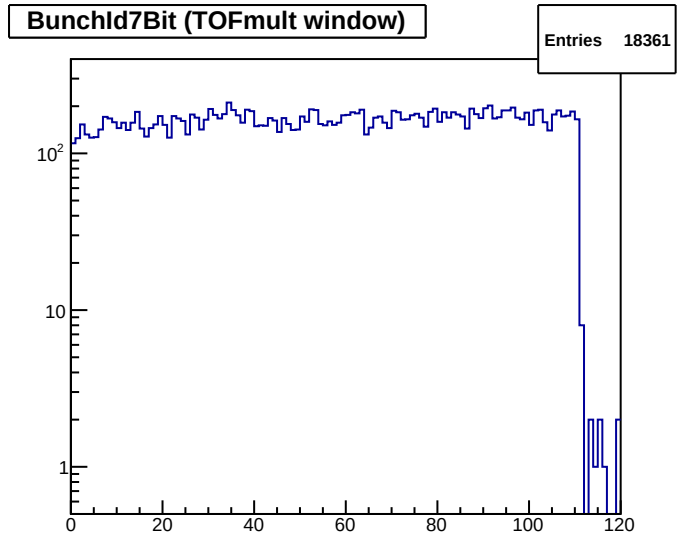

BunchId7Bit (VPD-TAC)
Entries 275379

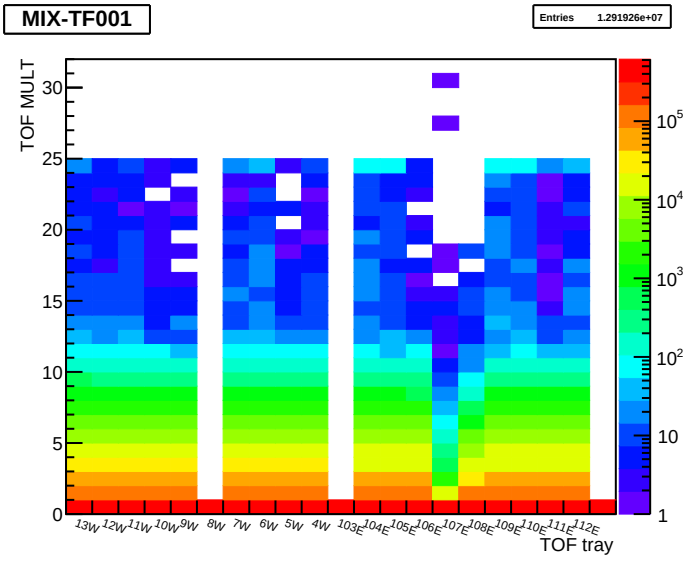

BunchId7Bit (ZDC-TAC)
Entries 731

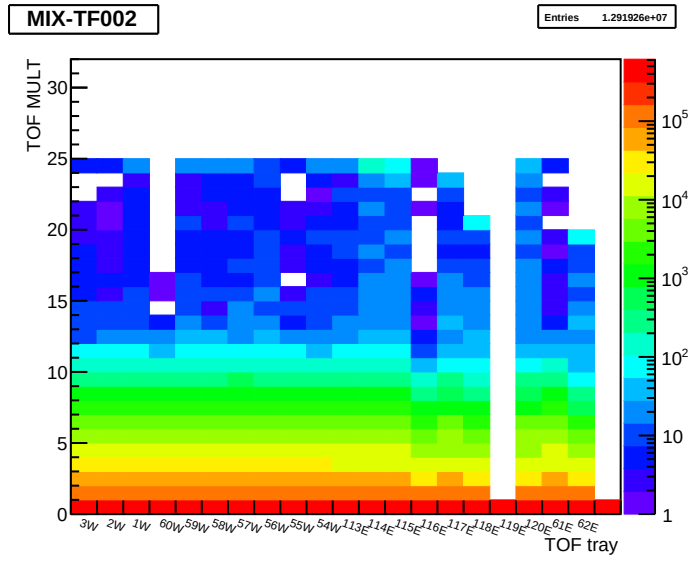

BunchId7Bit (EPD-TAC)
Entries 474329

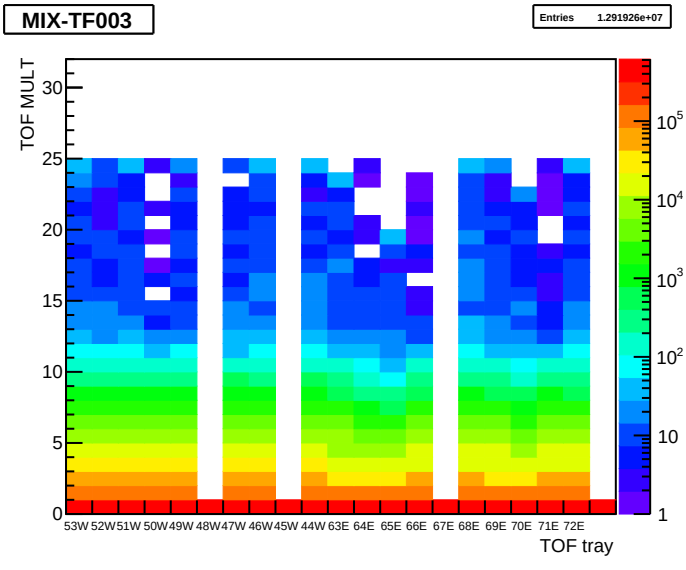

BunchId7Bit (BBC-TAC)
Entries 189582

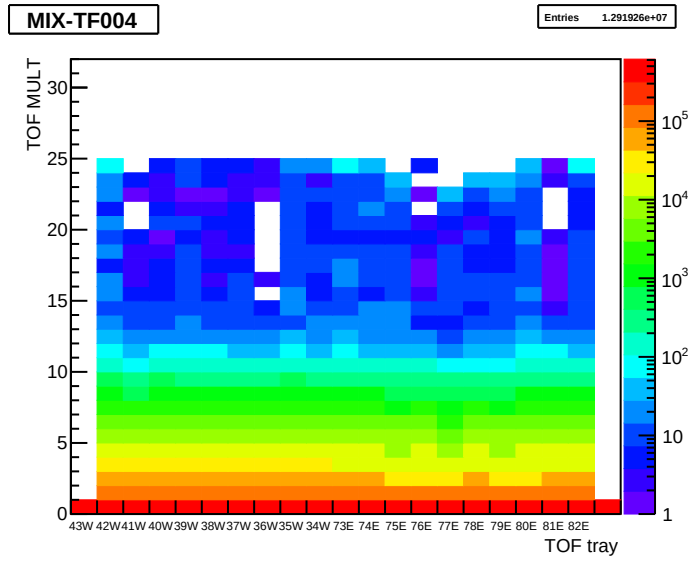

BunchId7Bit (Laser)
Entries 0

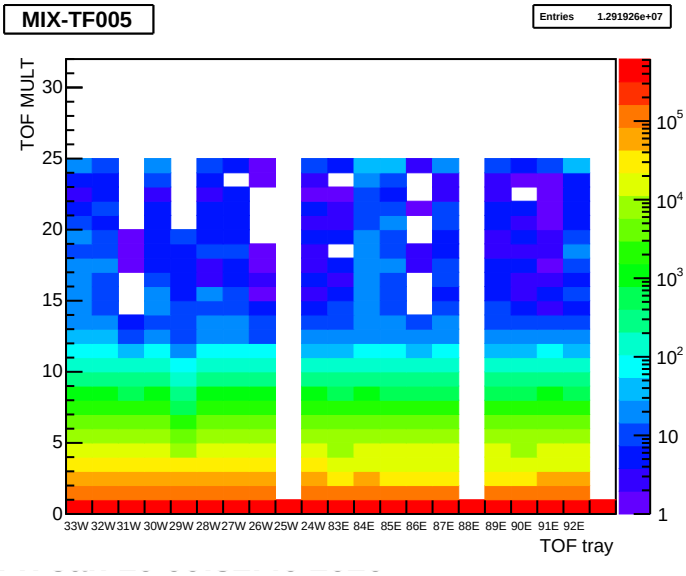

BunchId7Bit (TOFmult window)
Entries 18361

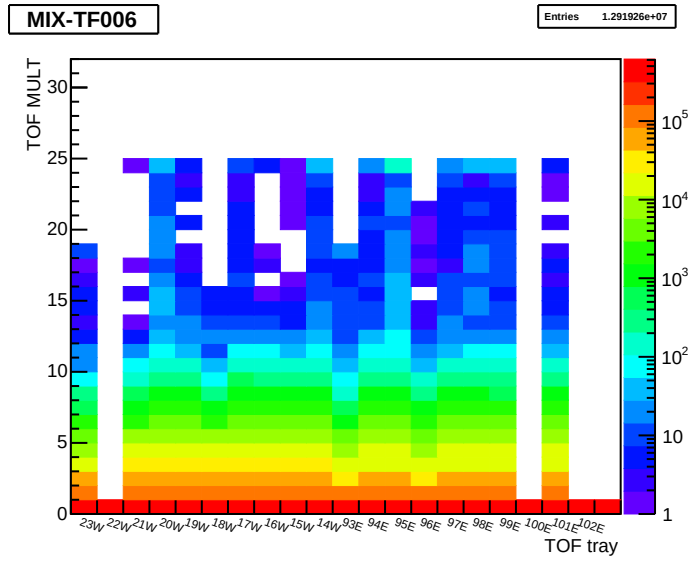

MIX-TF001
Entries 1.291926e+07
TOF MULT
TOF tray

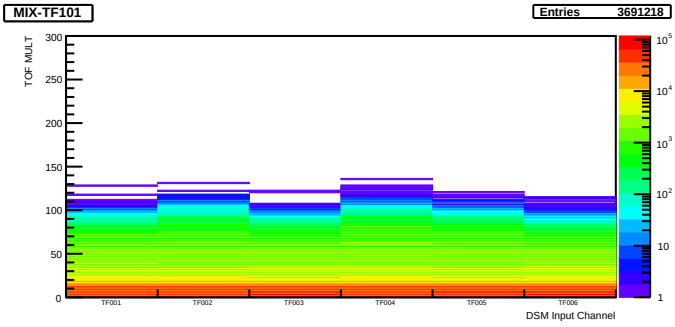

MIX-TF002
Entries 1.291926e+07
TOF MULT
TOF tray

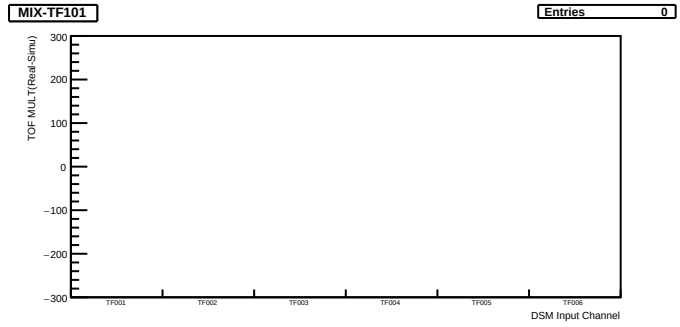

MIX-TF003
Entries 1.291926e+07
TOF MULT
TOF tray

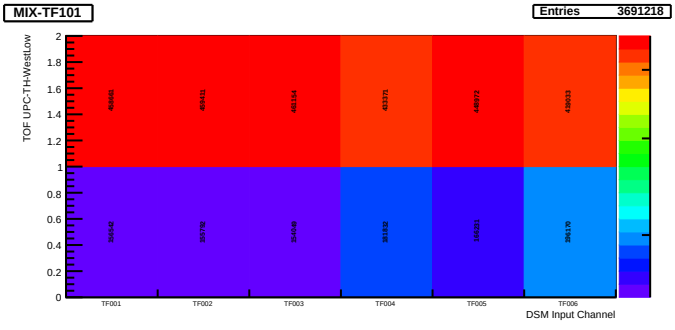

MIX-TF004
Entries 1.291926e+07
TOF MULT
TOF tray

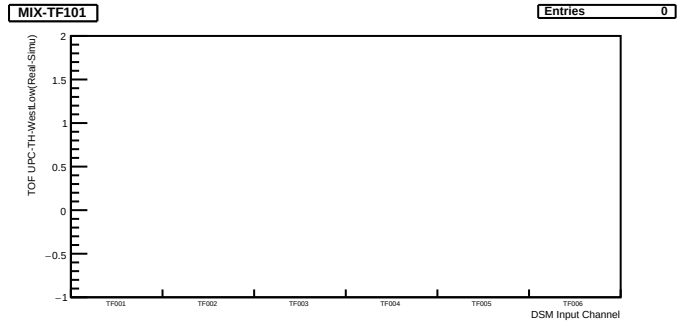

MIX-TF005
Entries 1.291926e+07
TOF MULT
TOF tray

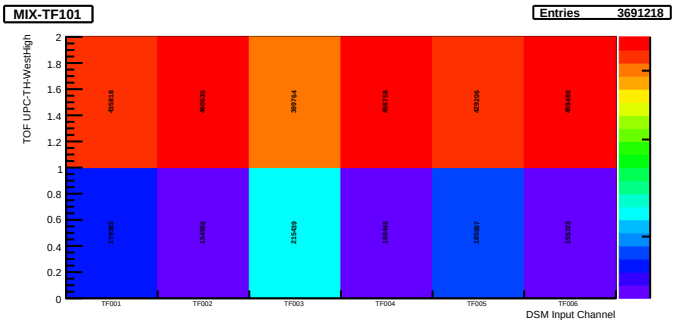

MIX-TF006
Entries 1.291926e+07
TOF MULT
TOF tray

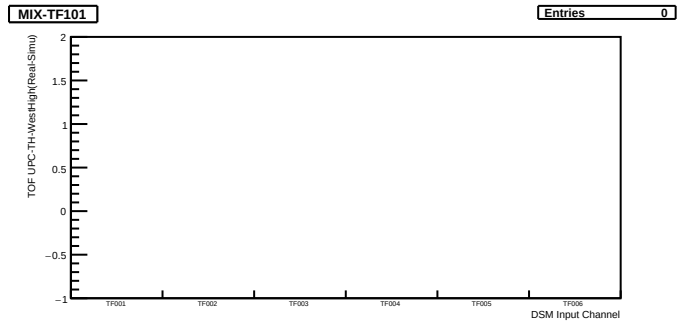

MIX-TF101
Entries 3691218
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

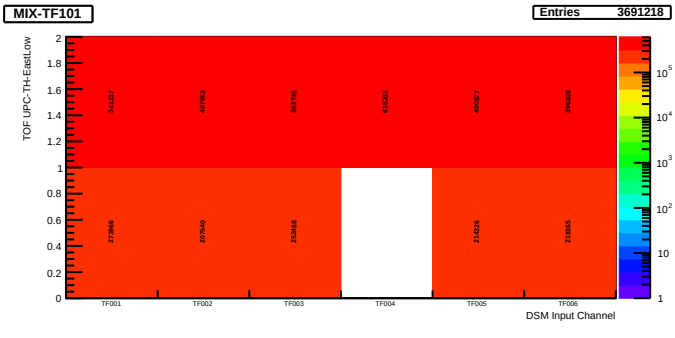

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

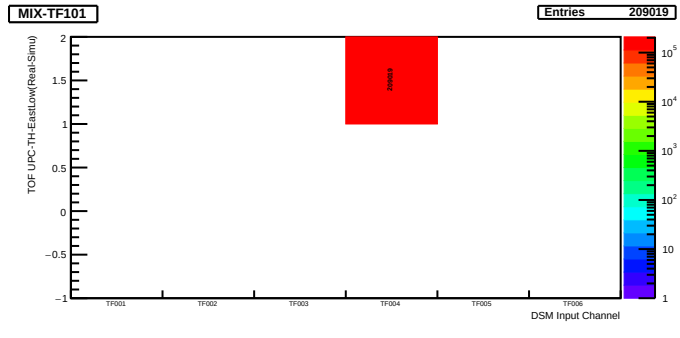

MIX-TF101
Entries 3691218
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

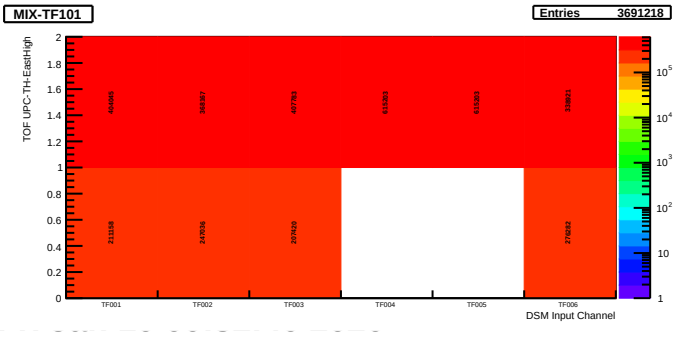

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

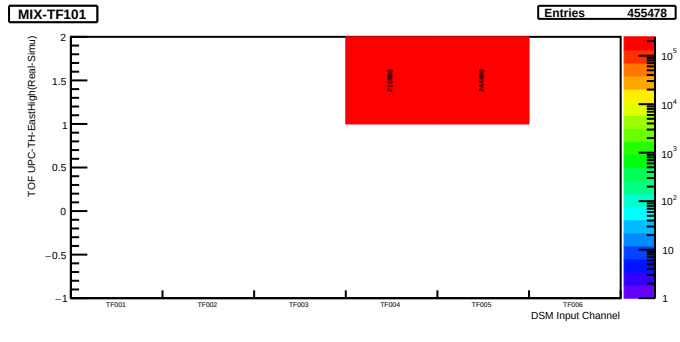

MIX-TF101
Entries 3691218
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

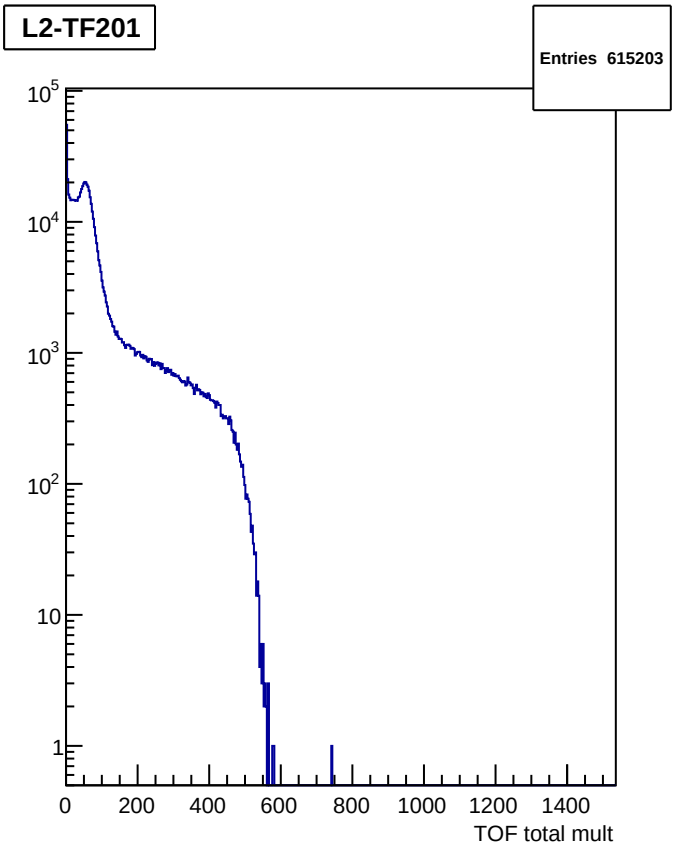

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

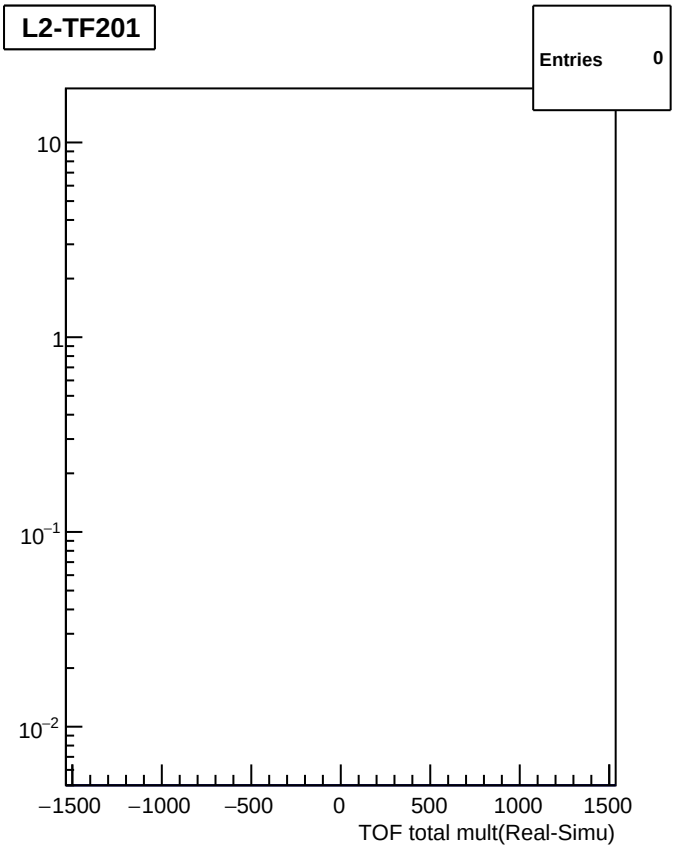

MIX-TF101
Entries 3691218
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

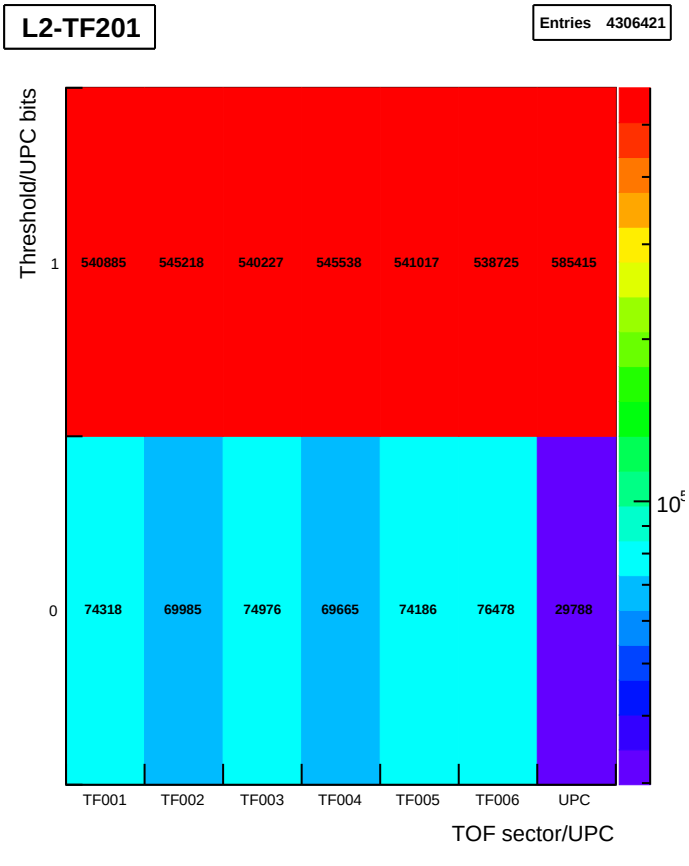

MIX-TF101
Entries 209019
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

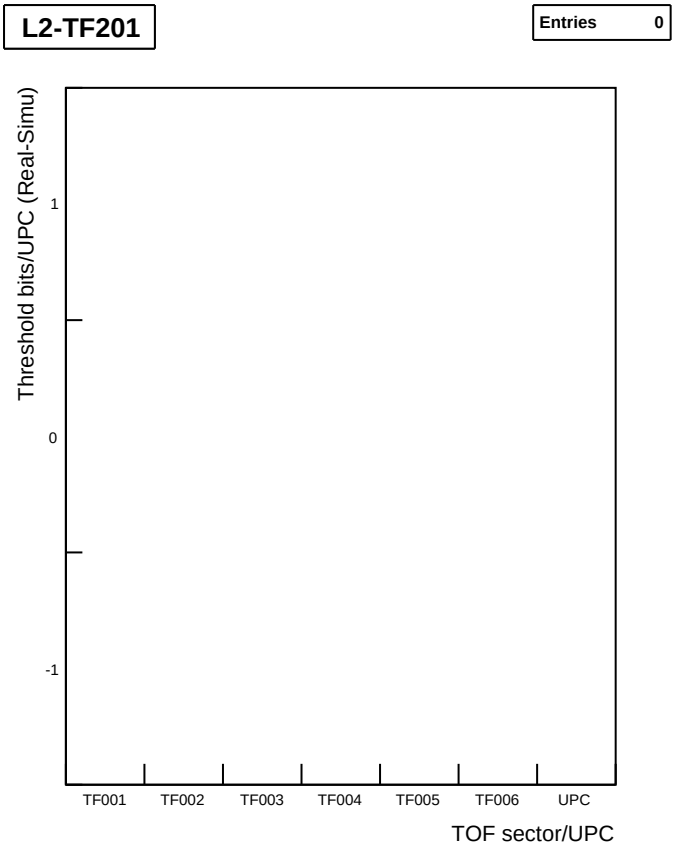

MIX-TF101
Entries 3691218
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

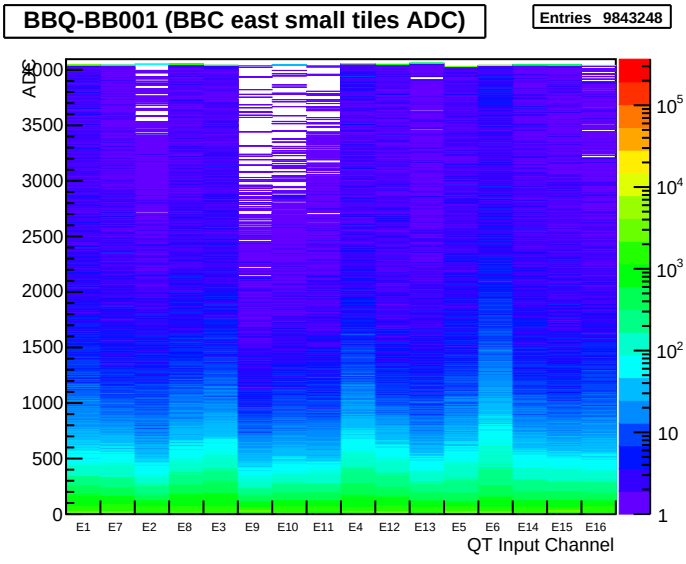

MIX-TF101
Entries 455478
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

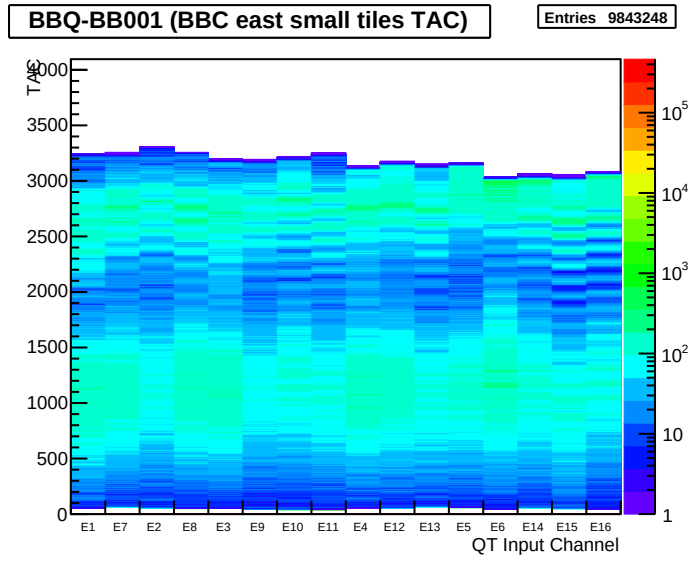

L2-TF201
Entries 615203
TOF total mult

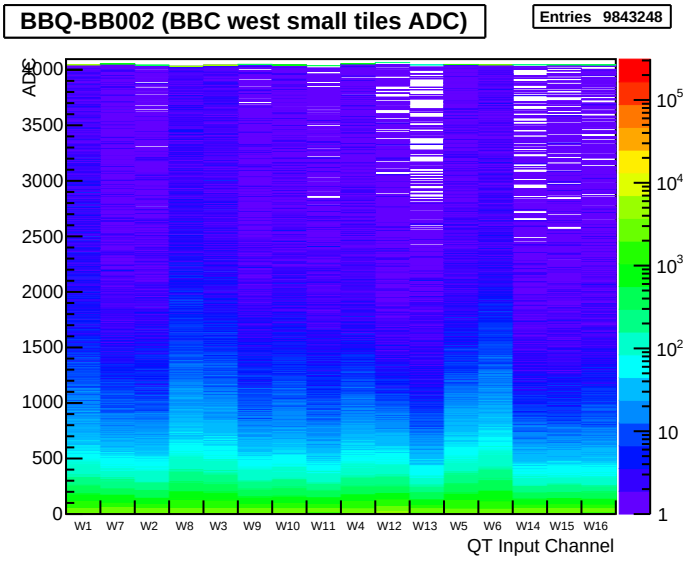

L2-TF201
Entries 0
TOF total mult(Real-Simu)

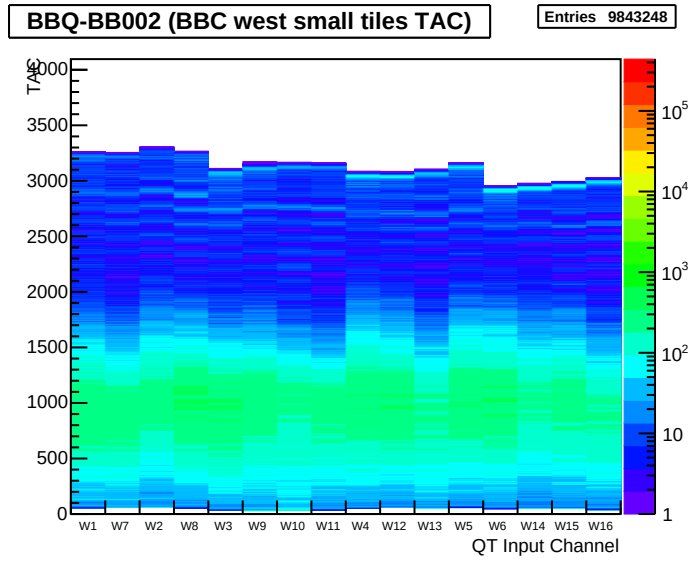

L2-TF201
Entries 4306421
Threshold/UPC bits
540885
545218
540227
545538
541017
538725
585415
74318
69985
74976
69665
74186
76478
29788
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

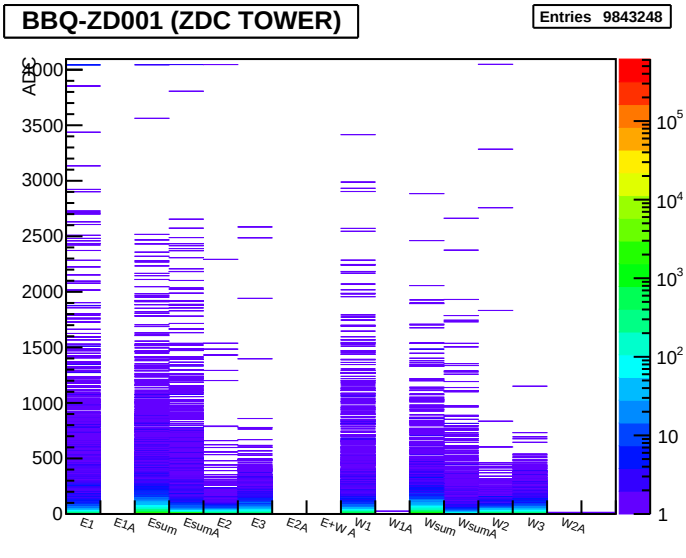

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

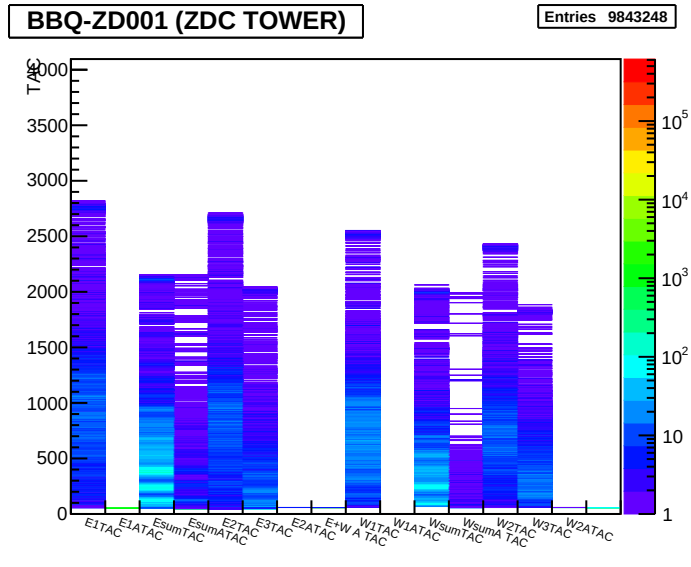

BBQ-BB001 (BBC east small tiles ADC)
Entries 9843248
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

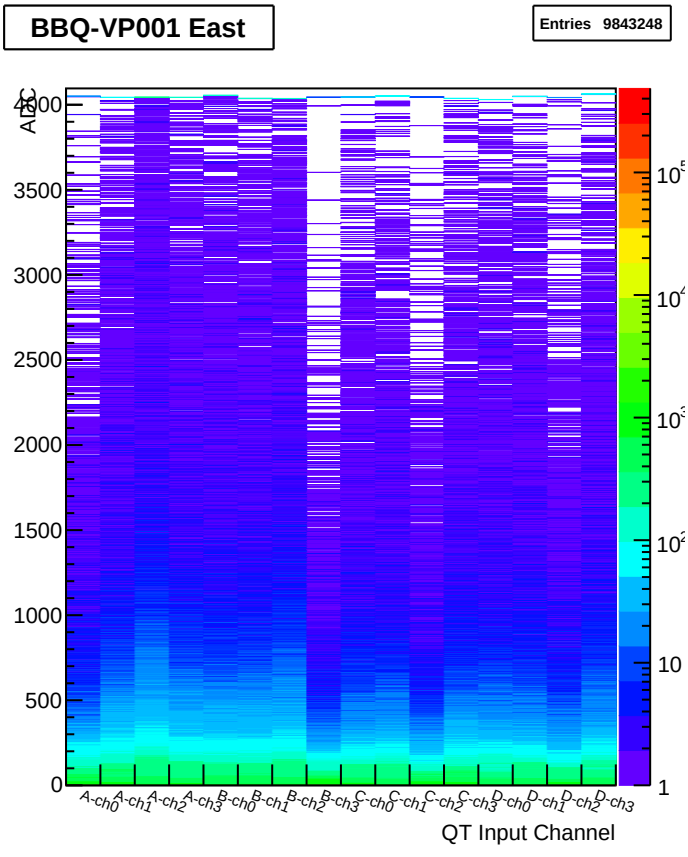

BBQ-BB001 (BBC east small tiles TAC)
Entries 9843248
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

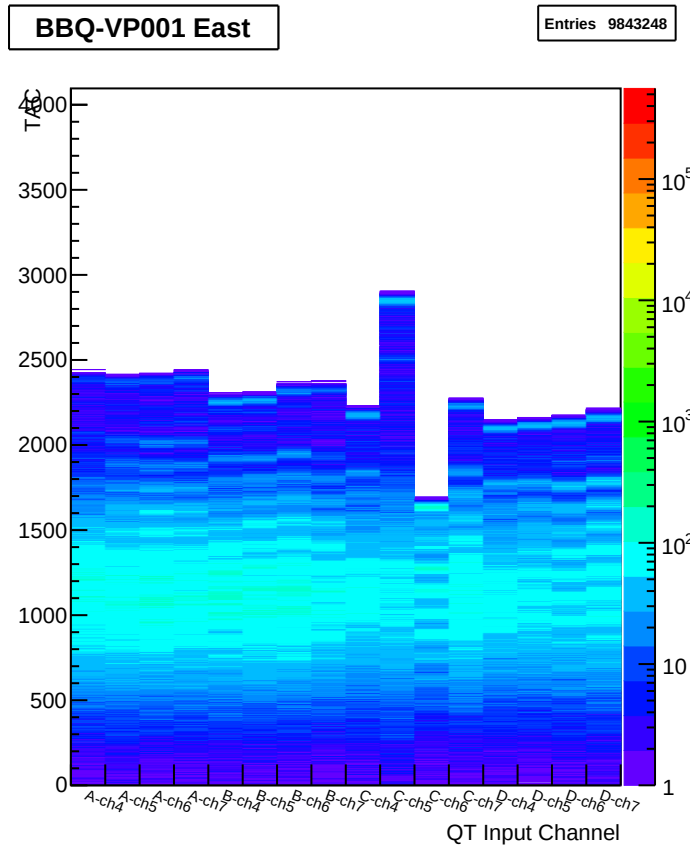

BBQ-BB002 (BBC west small tiles ADC)
Entries 9843248
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

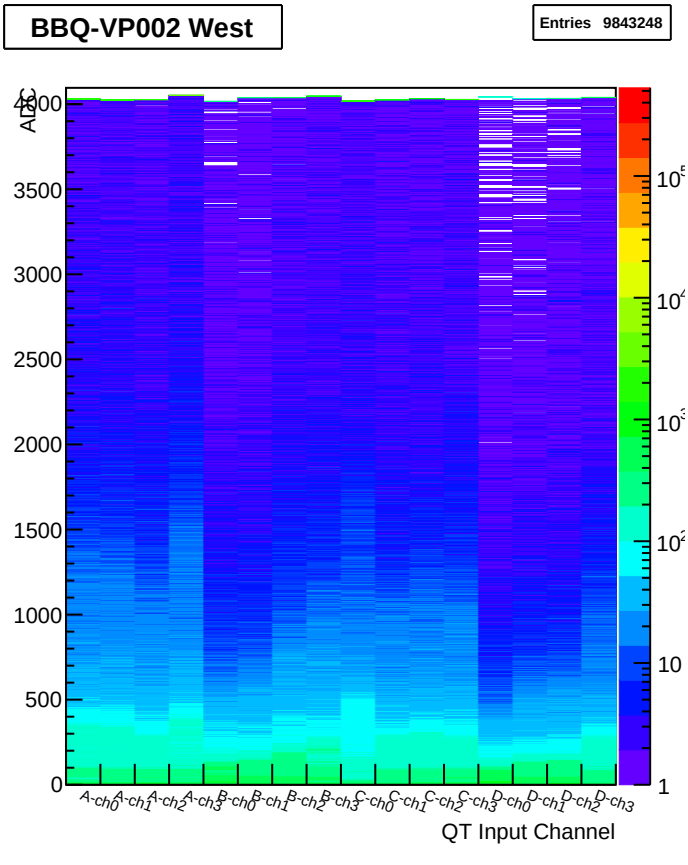

BBQ-BB002 (BBC west small tiles TAC)
Entries 9843248
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

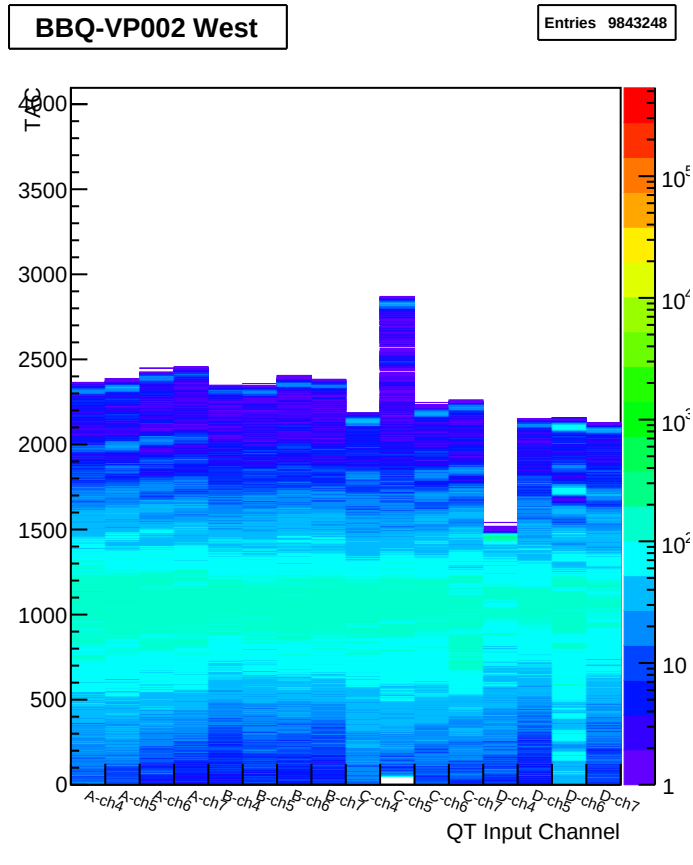

BBQ-ZD001 (ZDC TOWER)
Entries 9843248
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

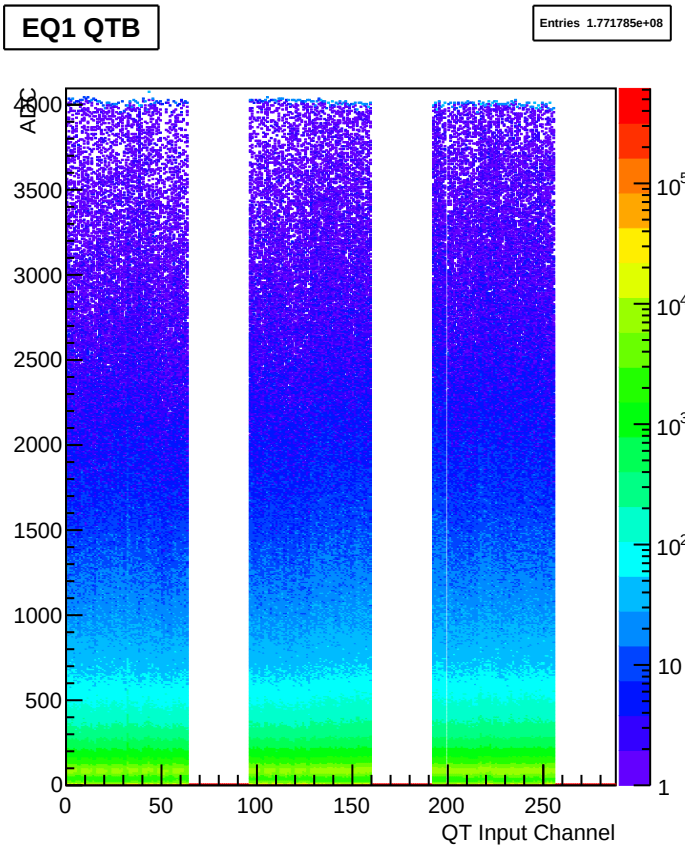

BBQ-ZD001 (ZDC TOWER)
Entries 9843248
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

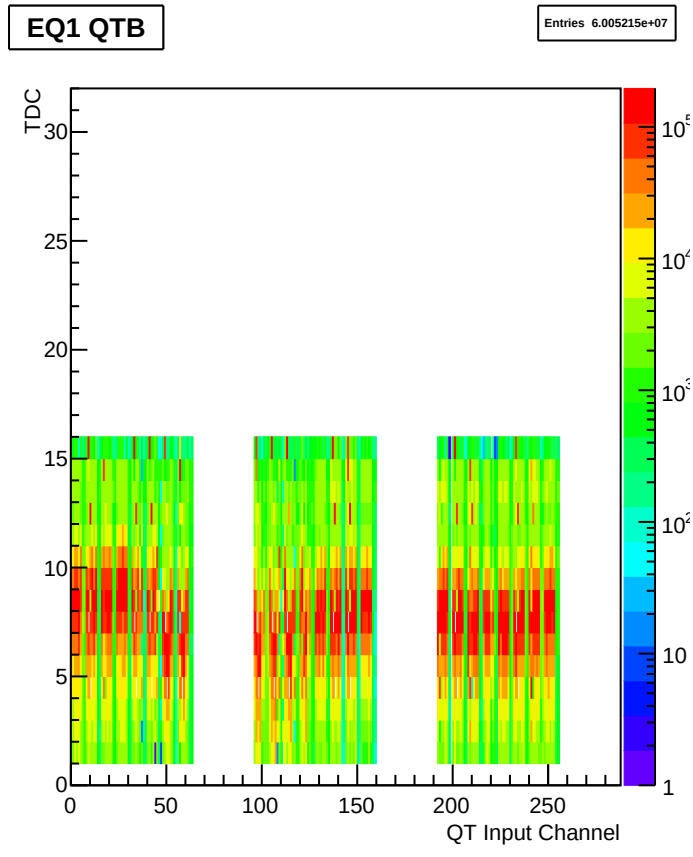

BBQ-VP001 East
Entries 9843248
ADC
QT Input Channel

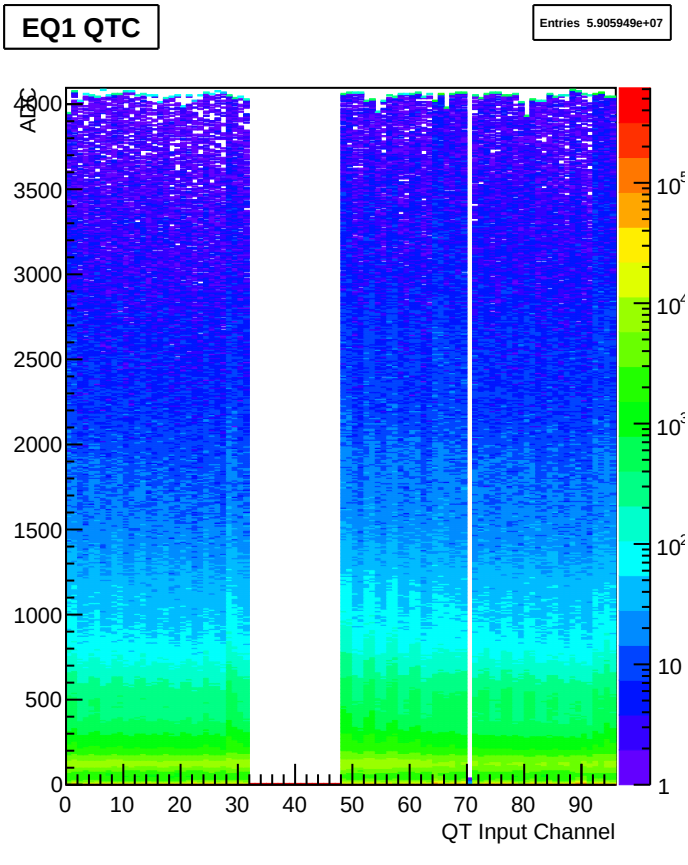

BBQ-VP001 East
Entries 9843248
ADC
QT Input Channel

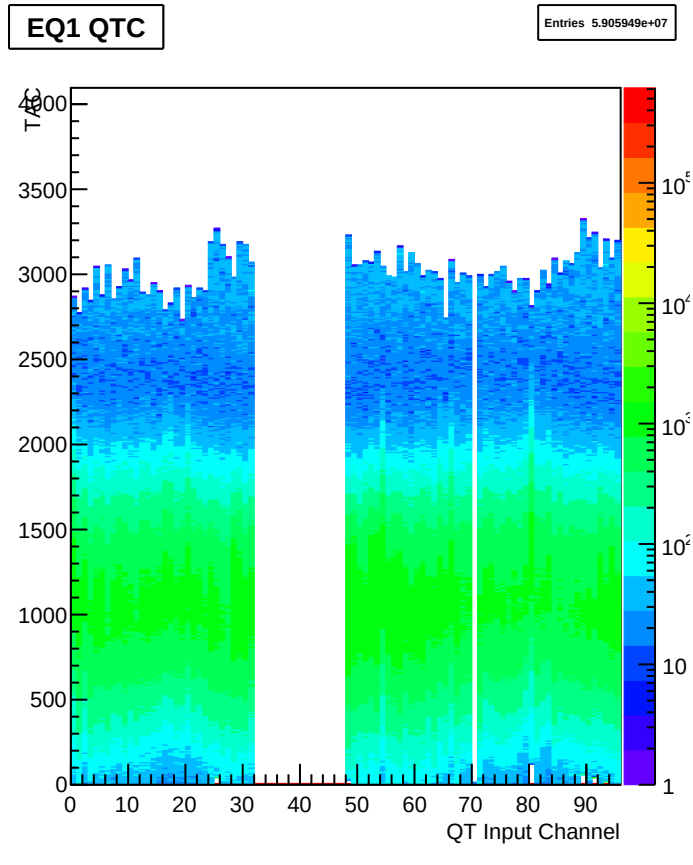

BBQ-VP002 West
Entries 9843248
ADC
QT Input Channel

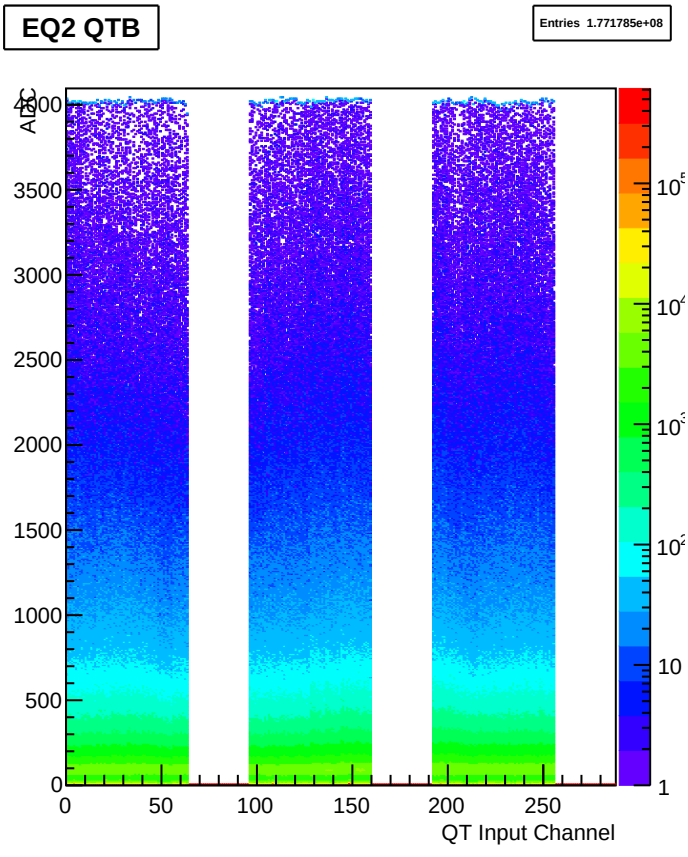

BBQ-VP002 West
Entries 9843248
ADC
QT Input Channel

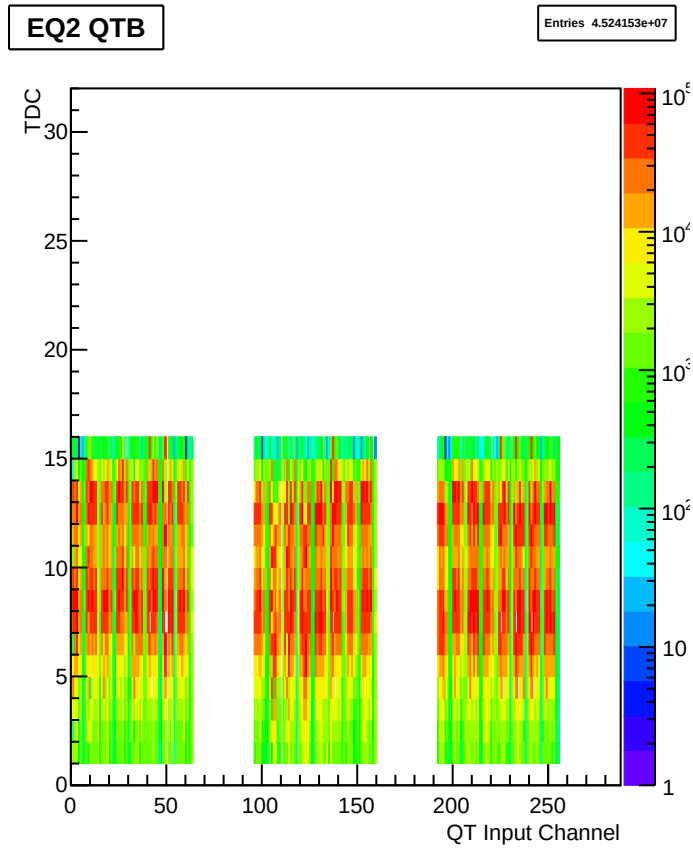

EQ1 QTB
Entries 1.771785e+08
ADC
QT Input Channel

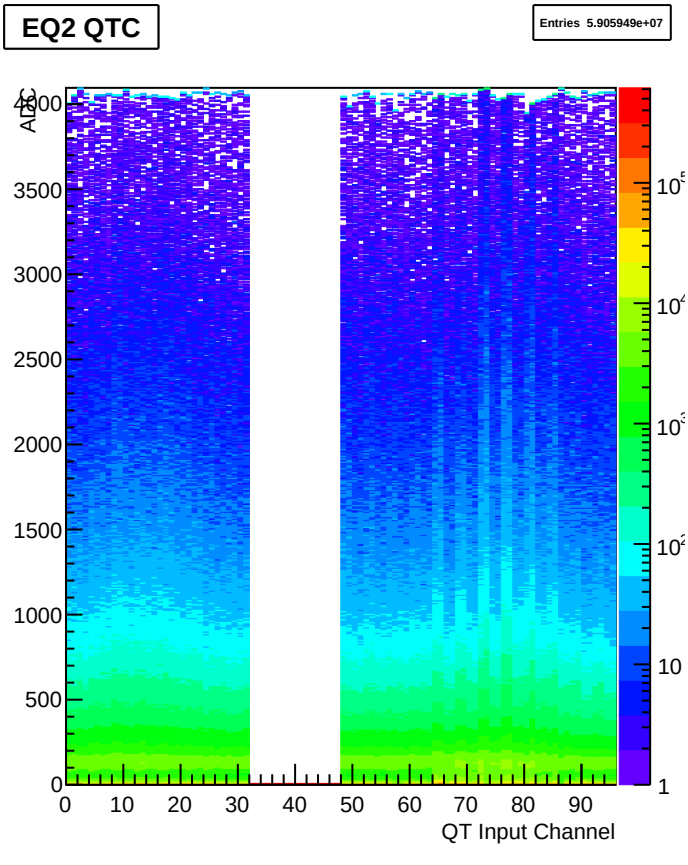

EQ1 QTB
Entries 6.005215e+07
TDC
QT Input Channel

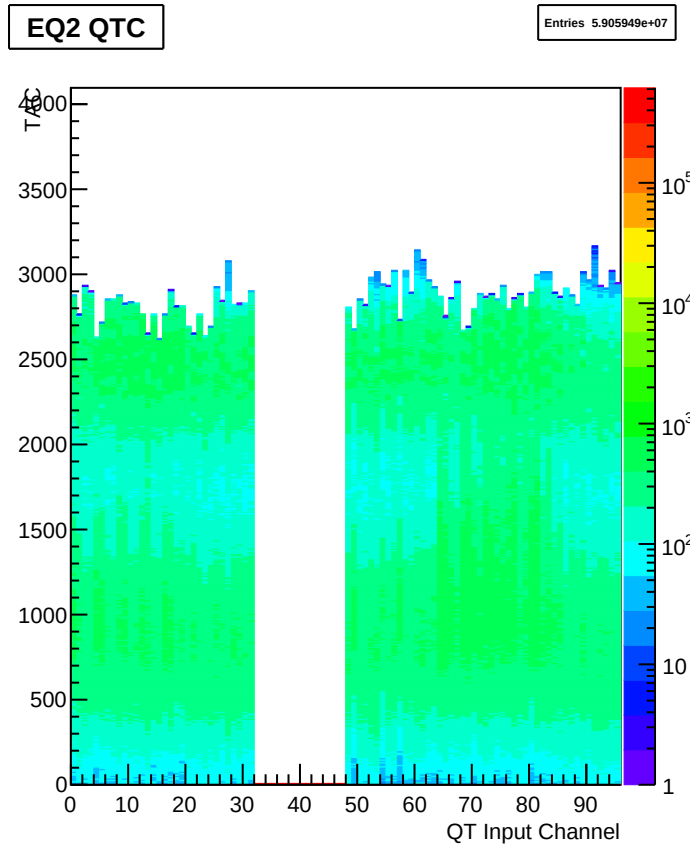

EQ1 QTC
Entries 5.905949e+07
ADC
QT Input Channel

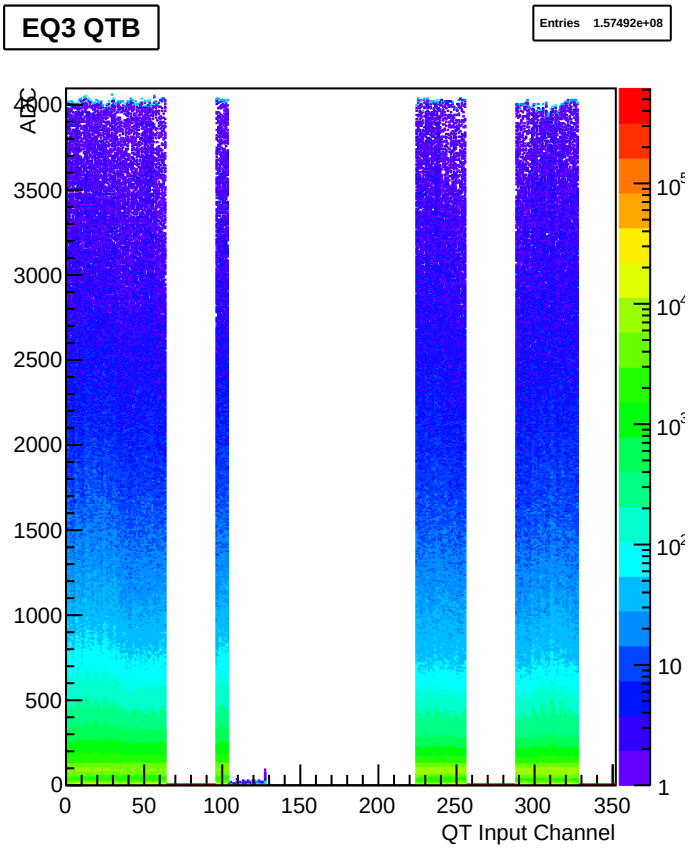

EQ1 QTC
Entries 5.905949e+07
TADC
QT Input Channel

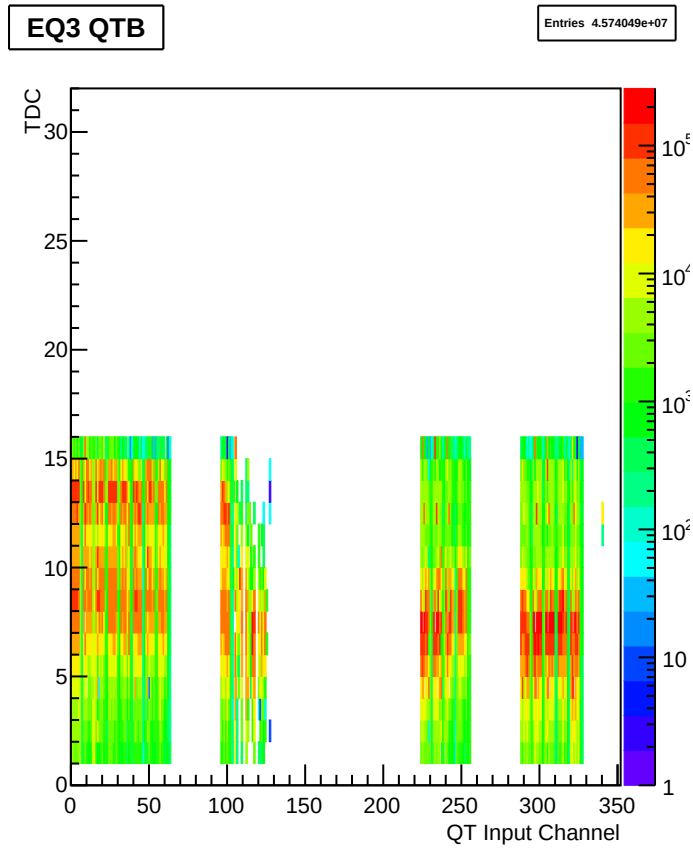

EQ2 QTB
Entries 1.771785e+08
ADC
QT Input Channel

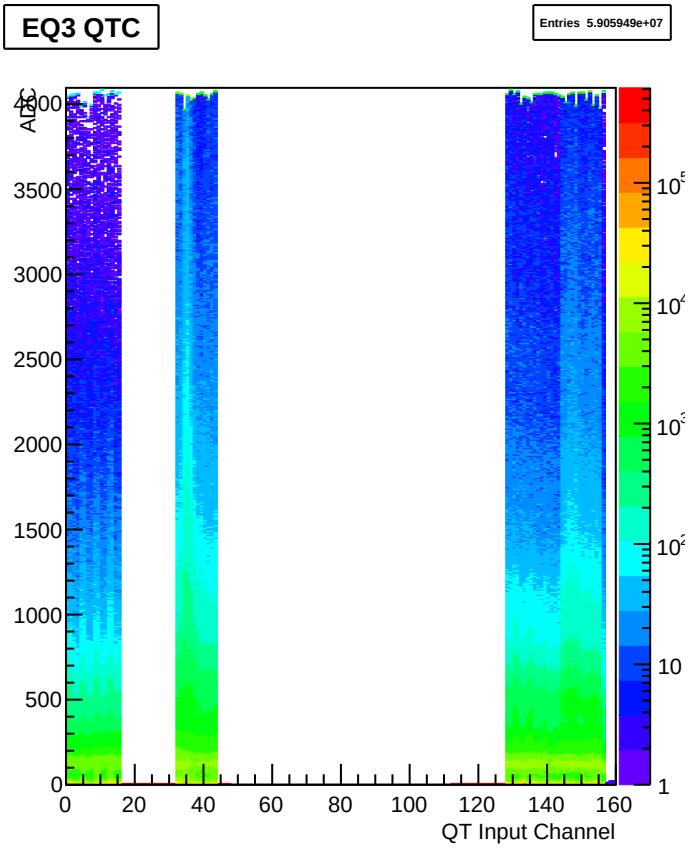

EQ2 QTB
Entries 4.524153e+07
TDC
QT Input Channel

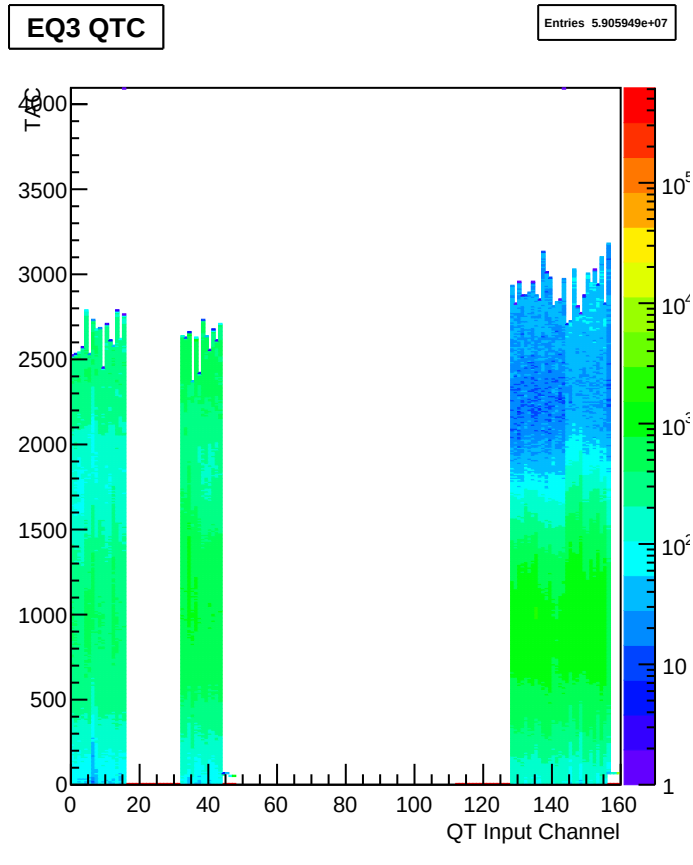

EQ2 QTC
Entries 5.905949e+07
ADC
QT Input Channel

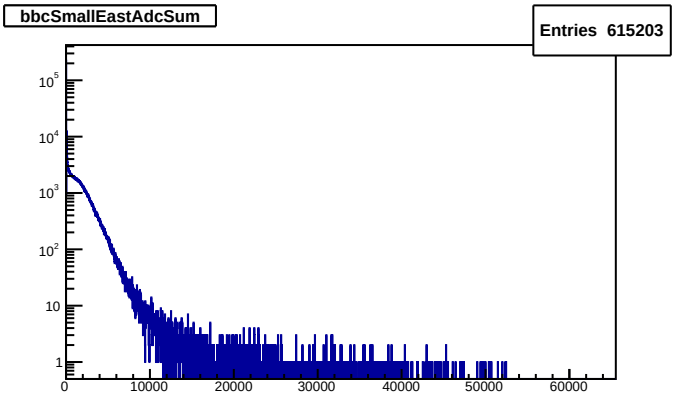

EQ2 QTC
Entries 5.905949e+07
TADC
QT Input Channel

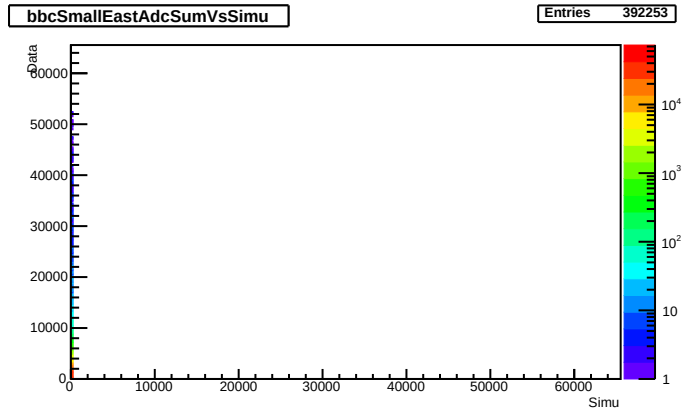

EQ3 QTB
Entries 1.57492e+08
ADC
QT Input Channel

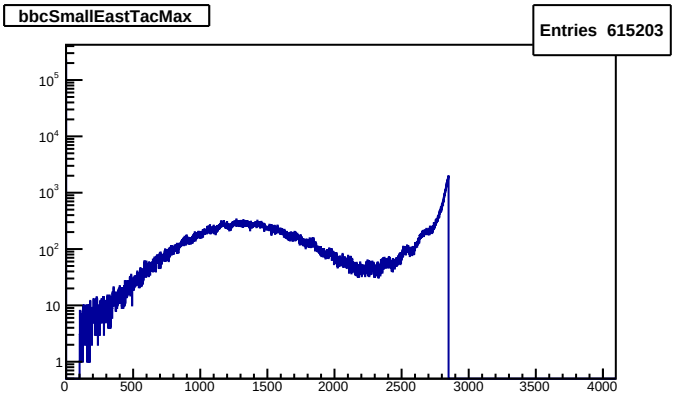

EQ3 QTB
Entries 4.574049e+07
TDC
QT Input Channel

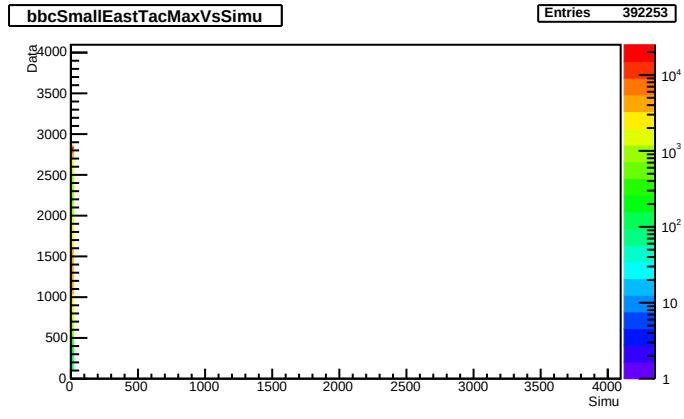

EQ3 QTC
Entries 5.905949e+07
ADC
QT Input Channel

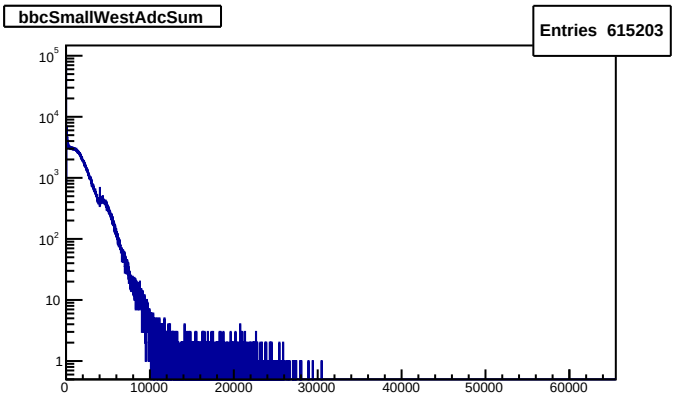

EQ3 QTC
Entries 5.905949e+07
TADC
QT Input Channel

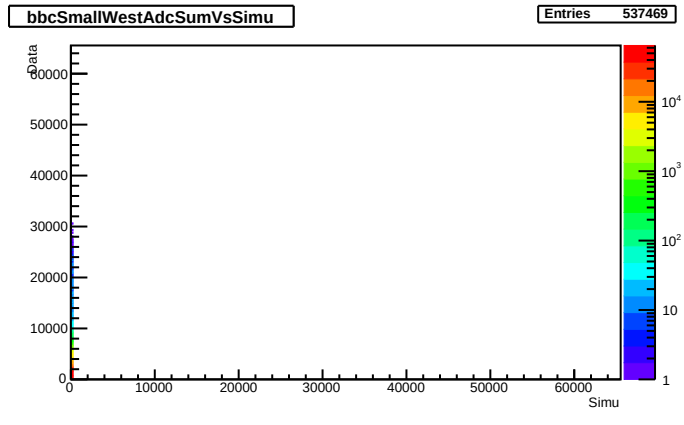

bbcSmallEastAdcSum
Entries 615203

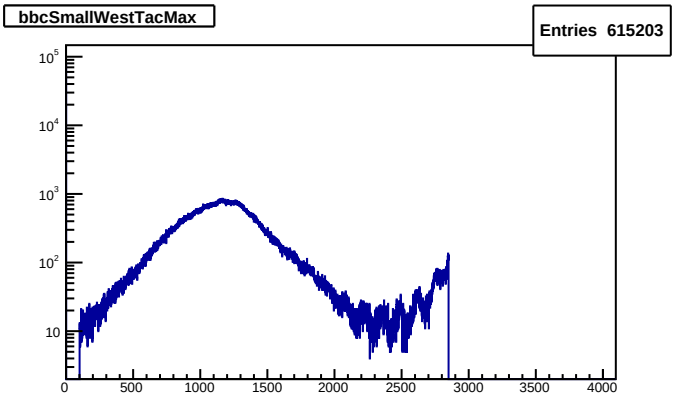

bbcSmallEastAdcSumVsSimu
Entries 392253
Data
Simu


bbcSmallEastTacMax
Entries 615203


bbcSmallEastTacMaxVsSimu
Entries 392253
Data
Simu


bbcSmallWestAdcSum
Entries 615203


bbcSmallWestAdcSumVsSimu
Entries 537469
Data
Simu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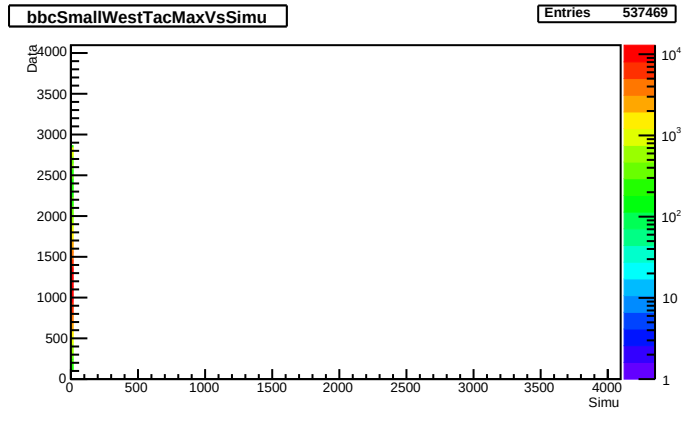
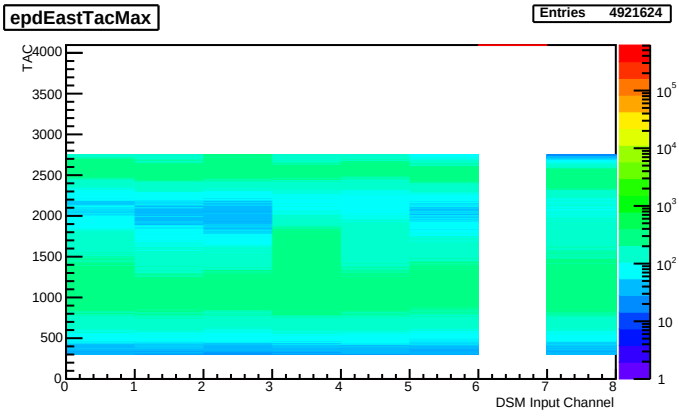
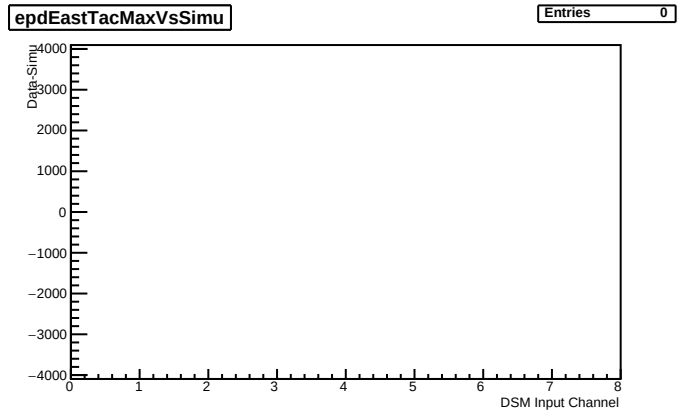
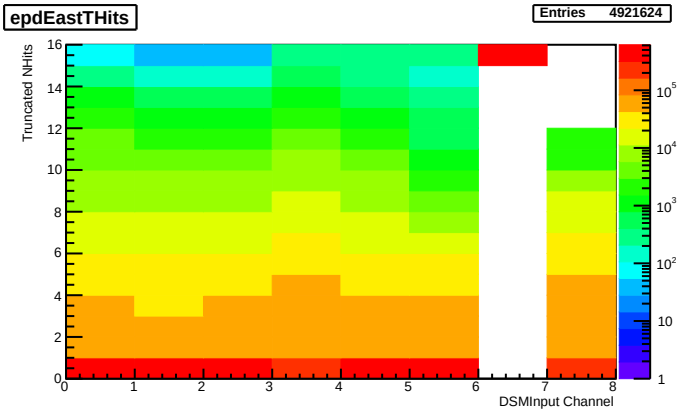
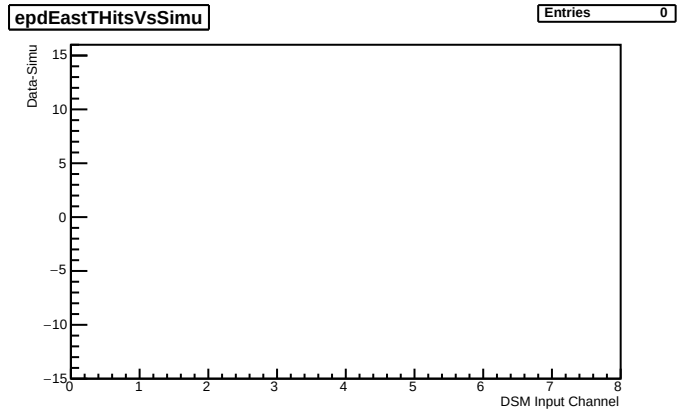
Entries 615203


bbcSmallWestTacMaxVsSimu
Entries 537469
Data
Simu


epdEastTacMax
Entries 4921624
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4921624
Truncated NHits
DSMInput Channel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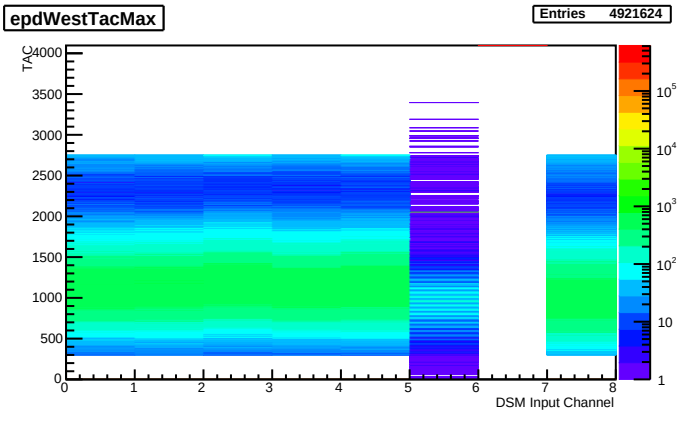
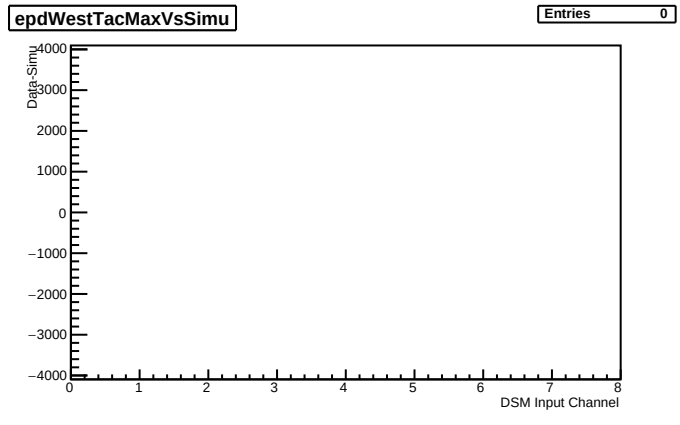
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4921624
TAC
DSM Input Channel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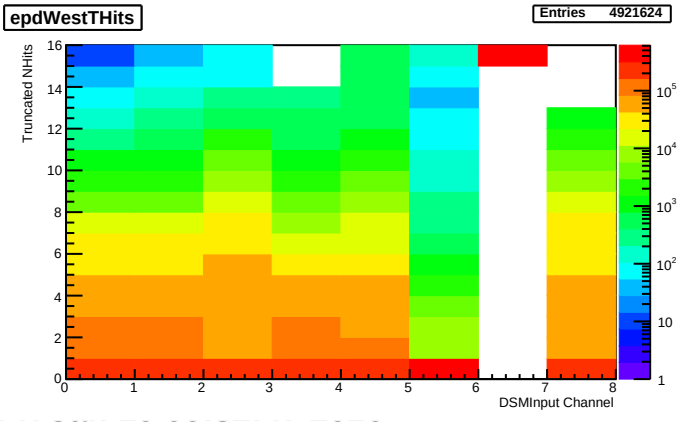
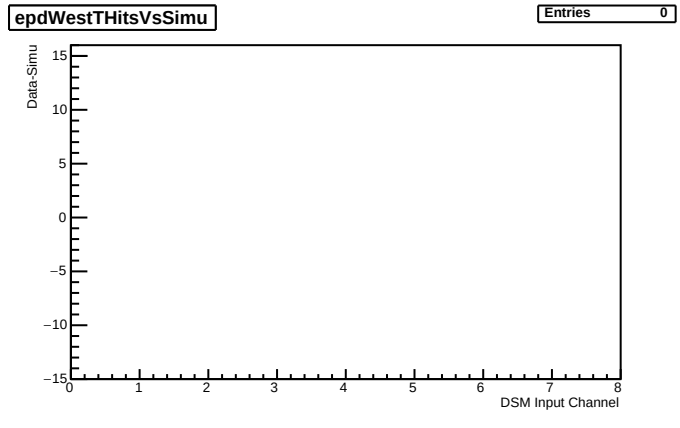
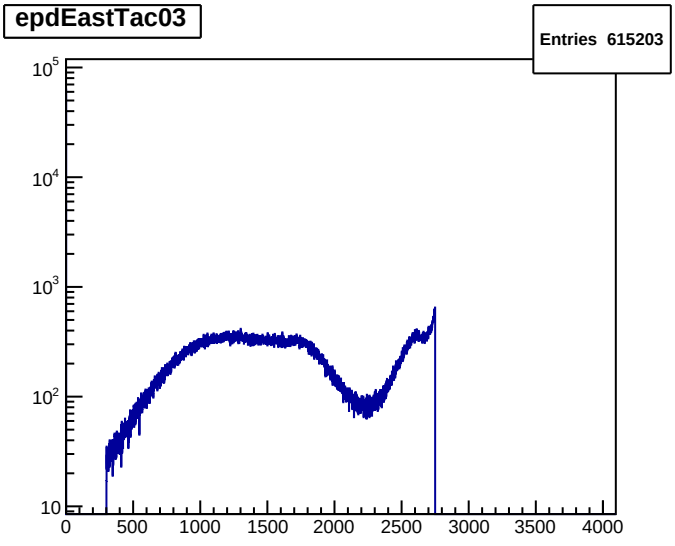
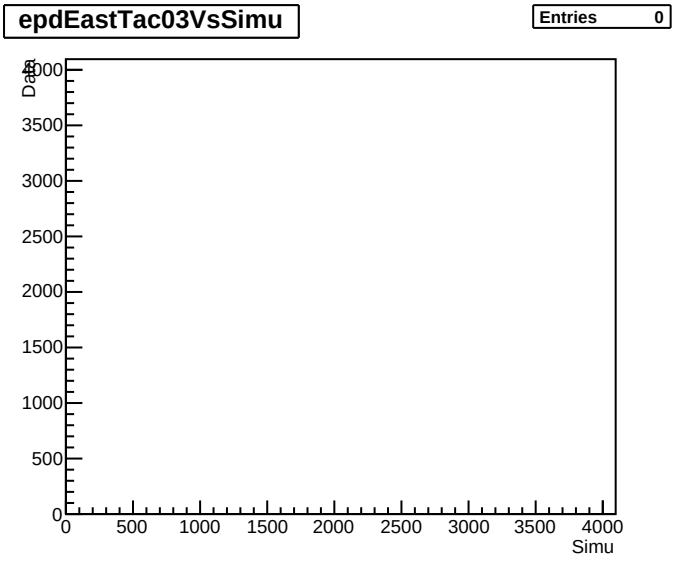
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4921624
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 615203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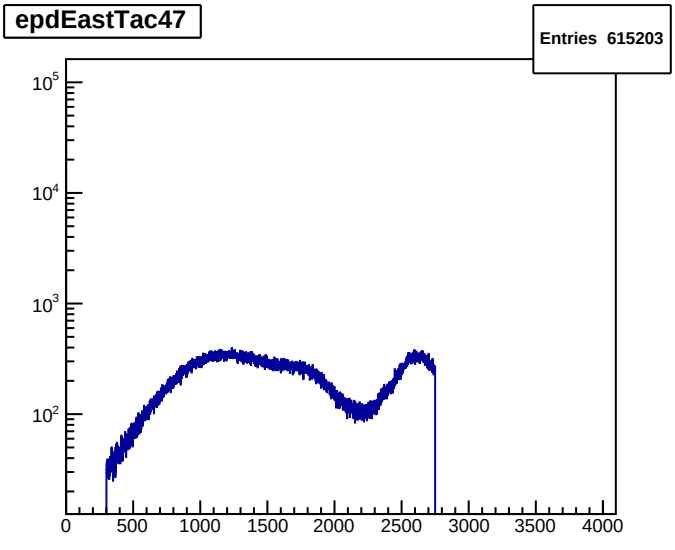
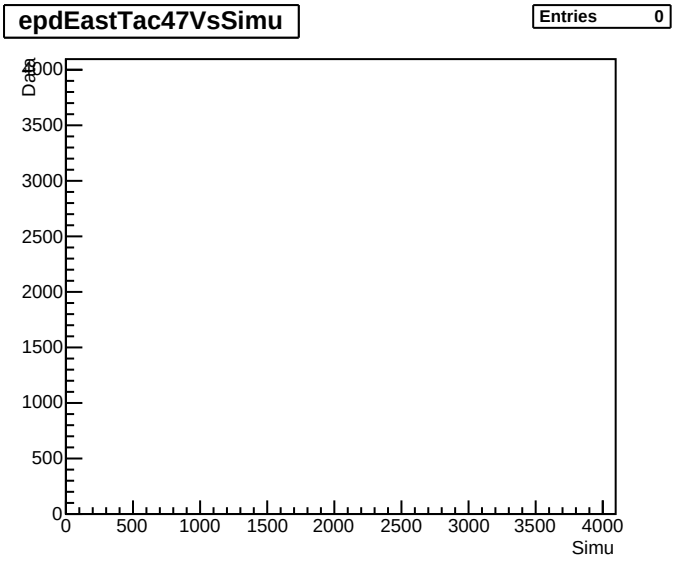
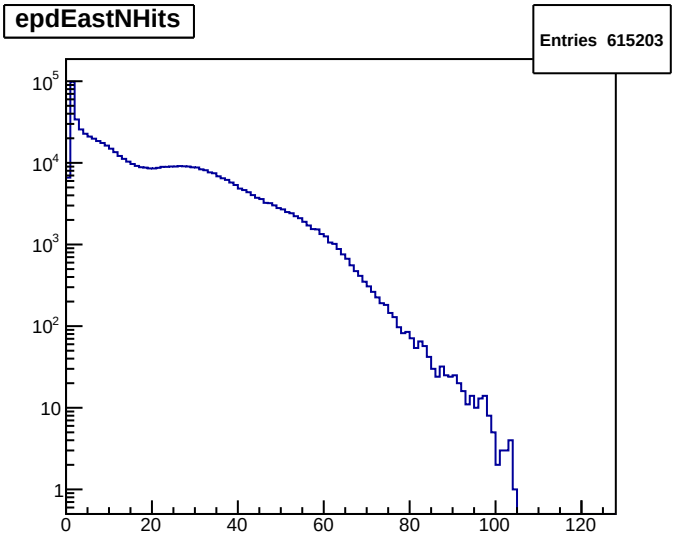
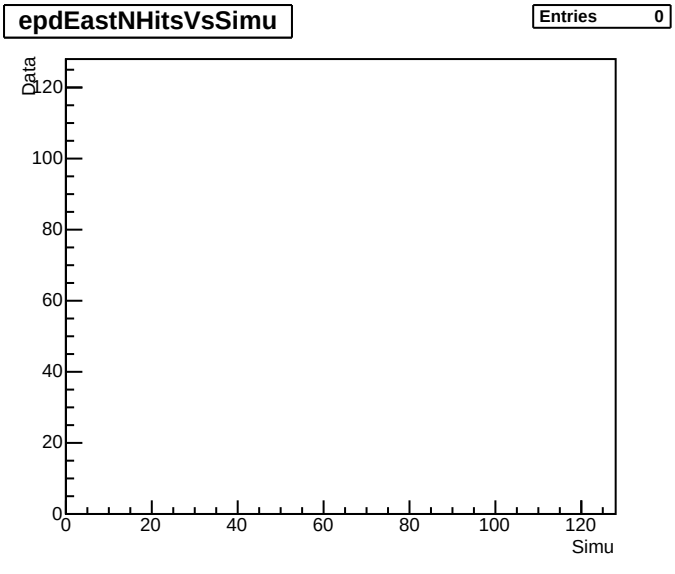
Entries 0
Data
Simu


epdEastTac47
Entries 615203


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 615203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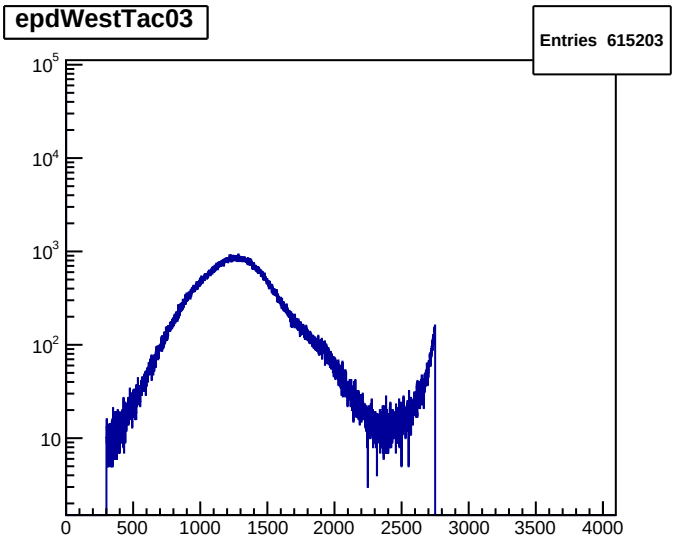
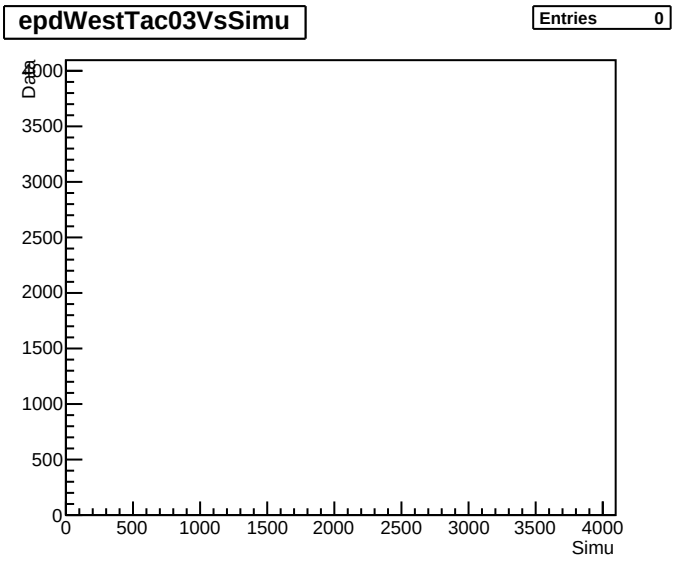
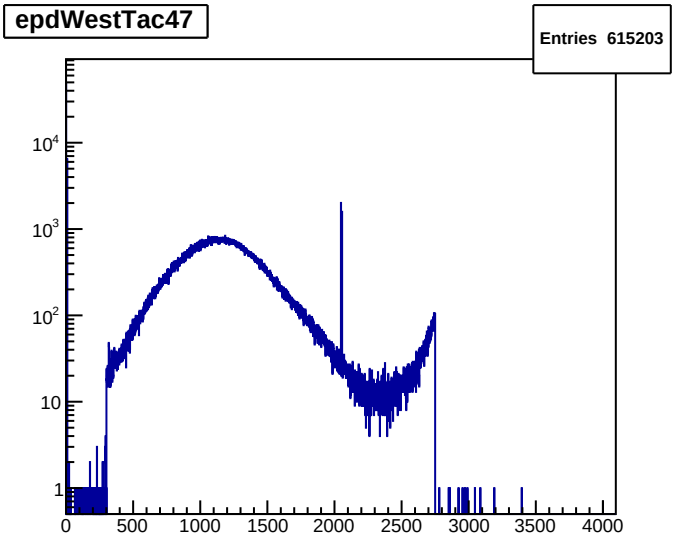
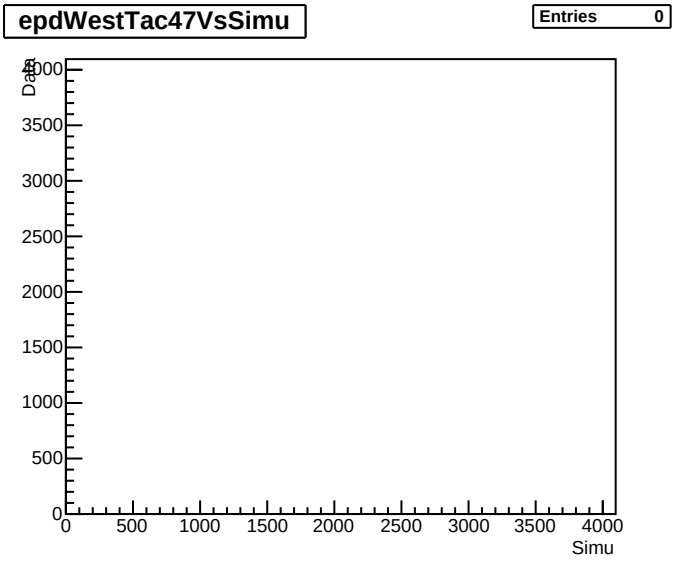
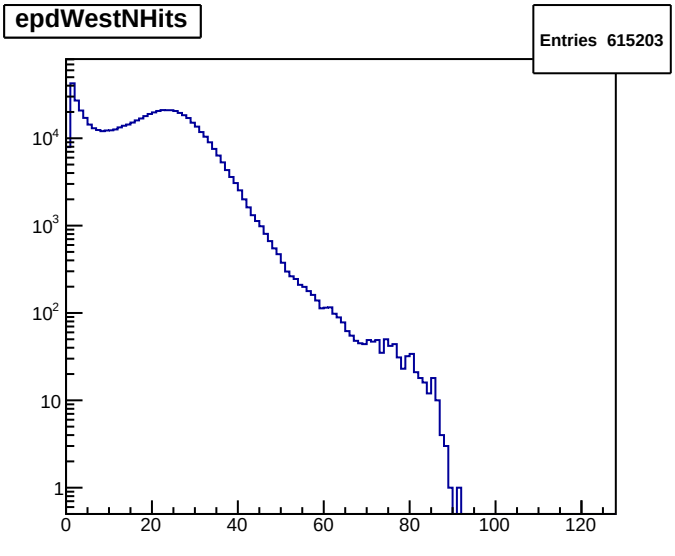
Entries 0
Data
Simu

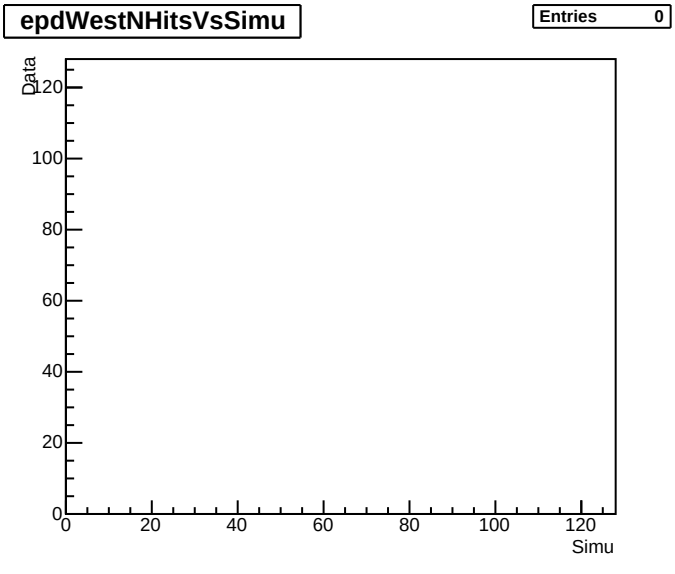

epdWestTac03
Entries 615203

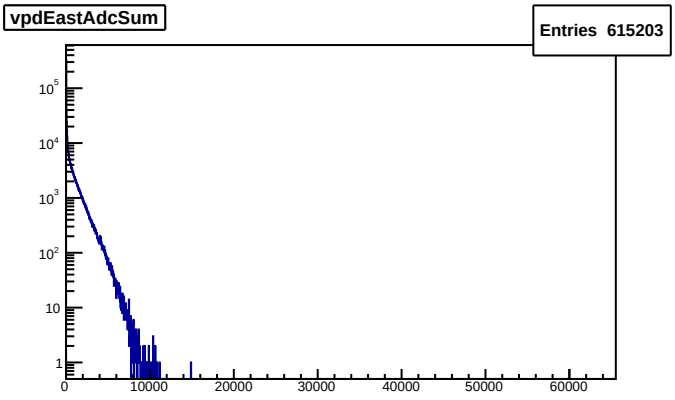

epdWestTac03VsSimu
Entries 0
Data
Simu

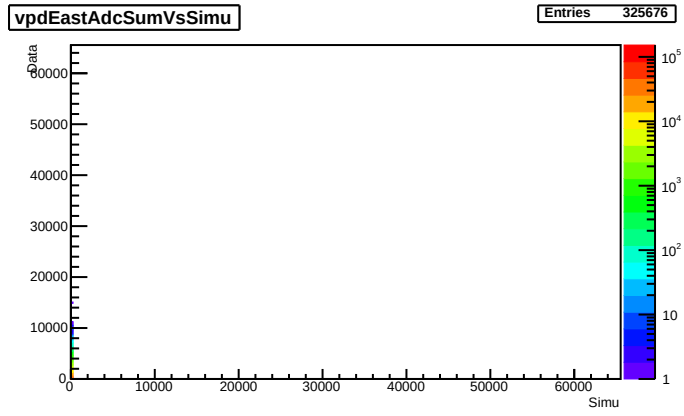

epdWestTac47
Entries 615203

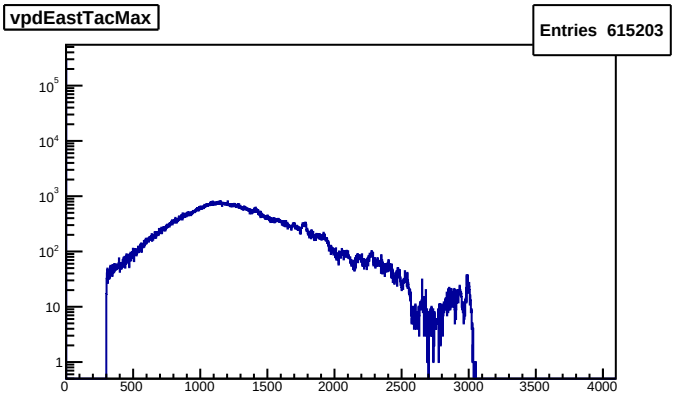

epdWestTac47VsSimu
Entries 0
Data
Simu

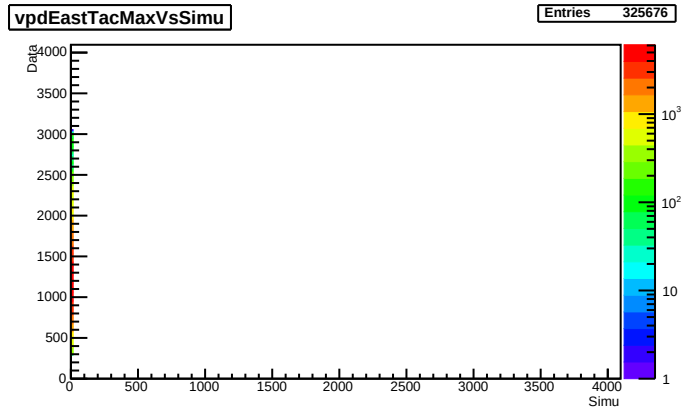

epdWestNHits
Entries 615203

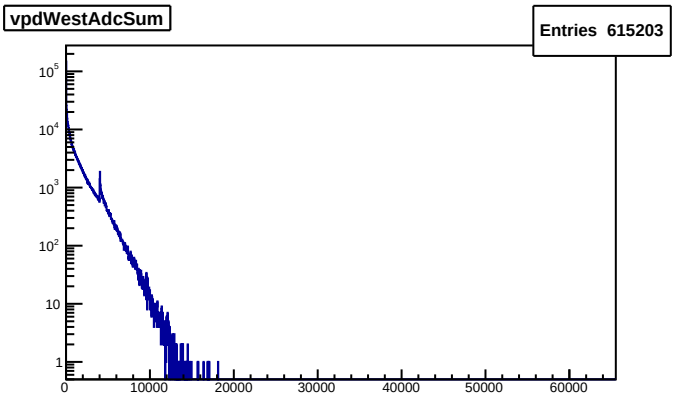

epdWestNHitsVsSimu
Entries 0
Data
Simu

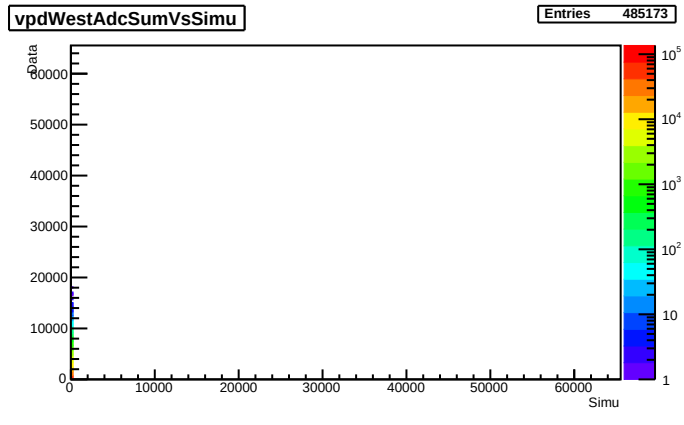

vpdEastAdcSum
Entries 615203

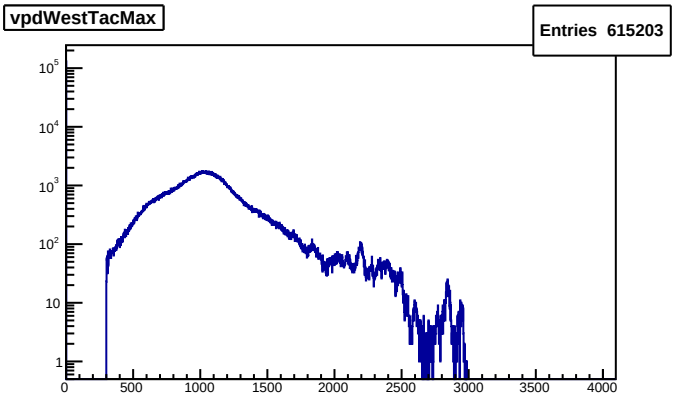

vpdEastAdcSumVsSimu
Entries 325676
Data
Simu

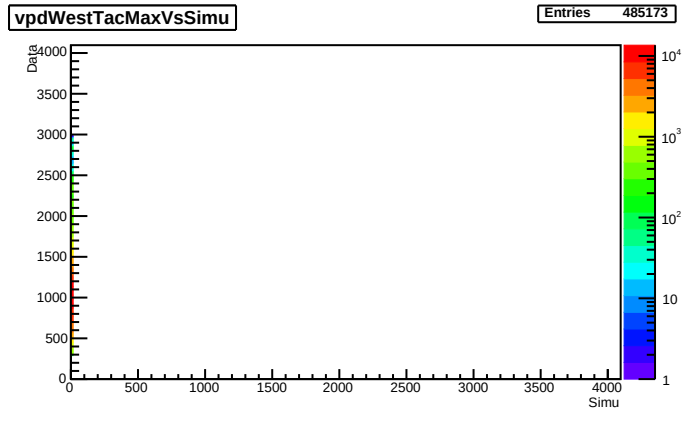

vpdEastTacMax
Entries 615203

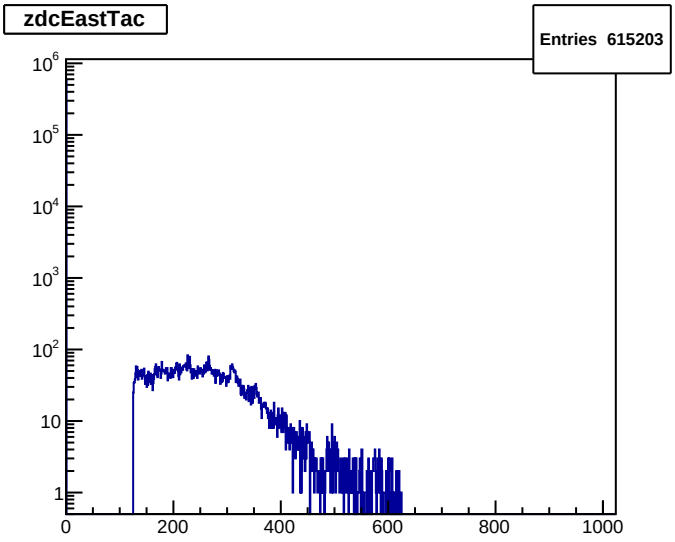

vpdEastTacMaxVsSimu
Entries 325676
Data
Simu

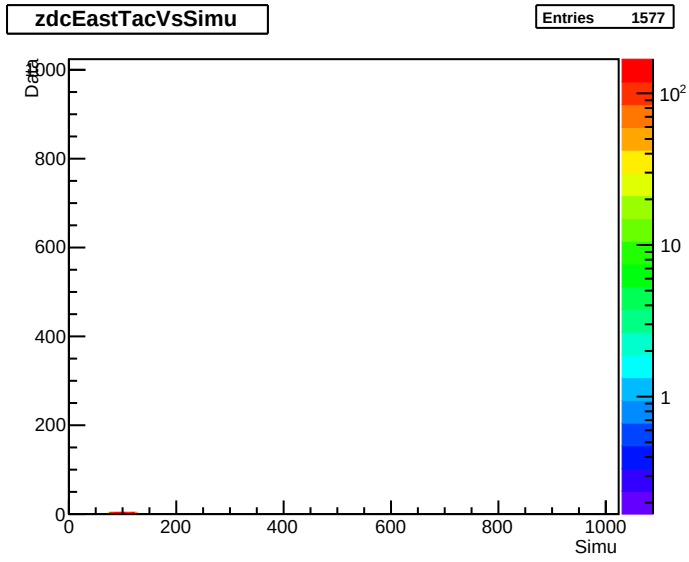

vpdWestAdcSum
Entries 615203

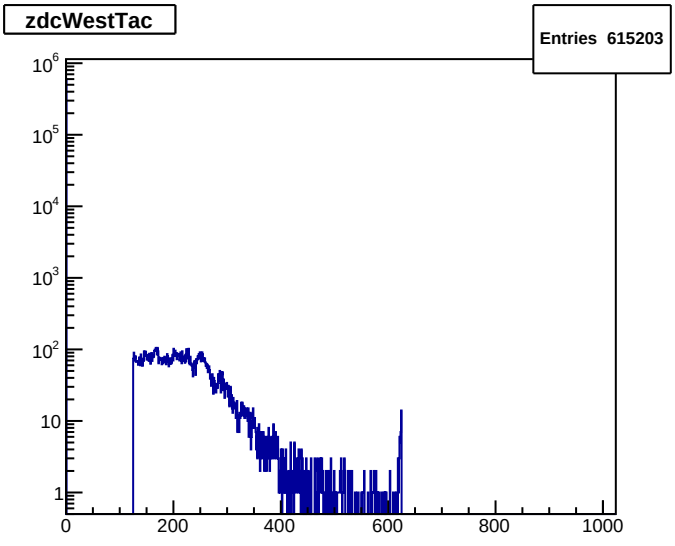

vpdWestAdcSumVsSimu
Entries 485173
Data
Simu

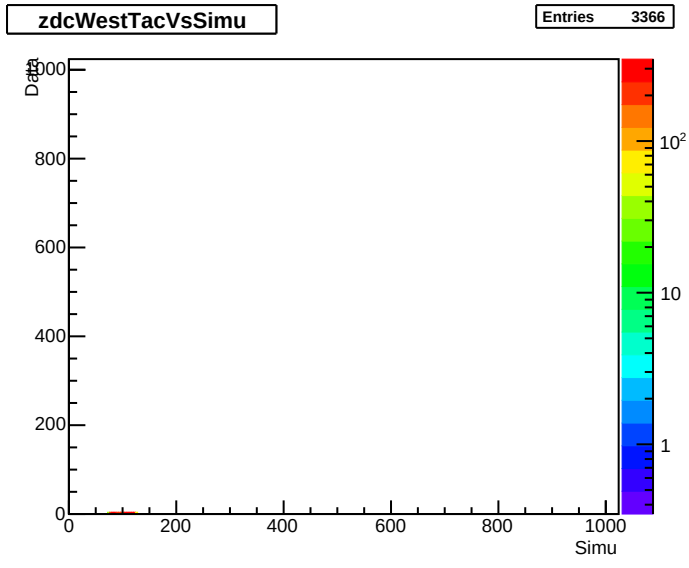

vpdWestTacMax
Entries 615203

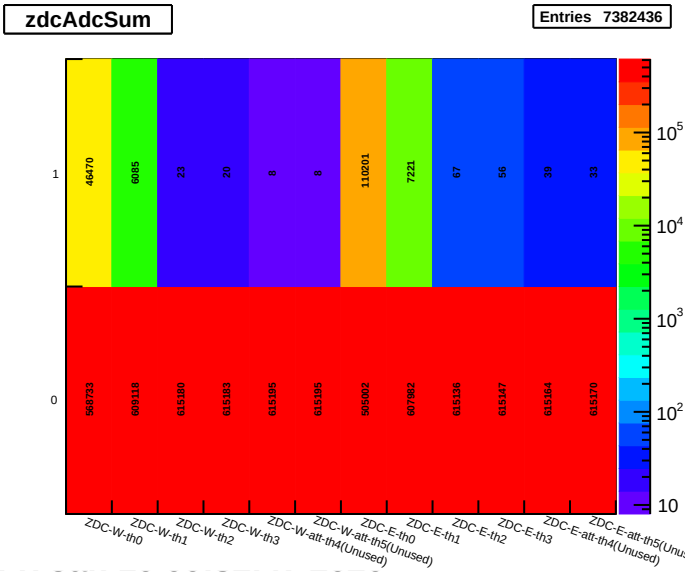

vpdWestTacMaxVsSimu
Entries 485173
Data
Simu

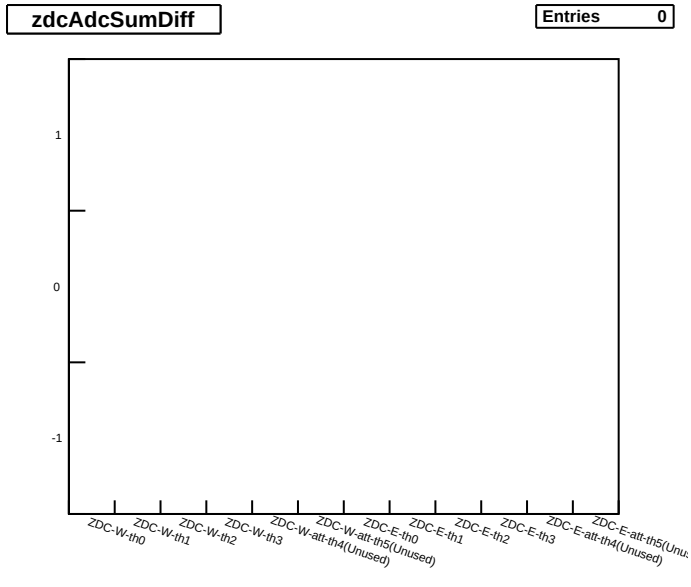

zdcEastTac
Entries 615203

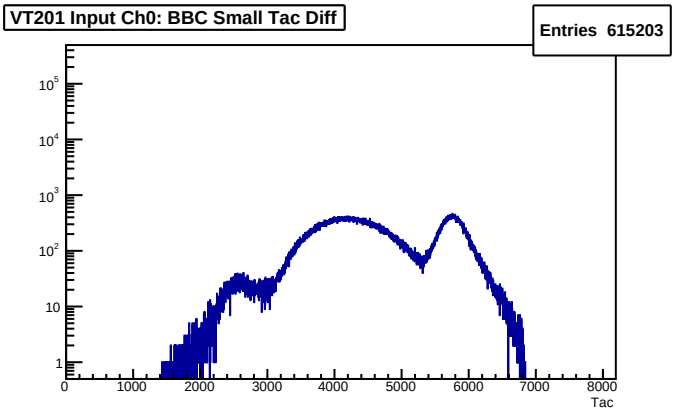

zdcEastTacVsSimu
Entries 1577
Data
Simu

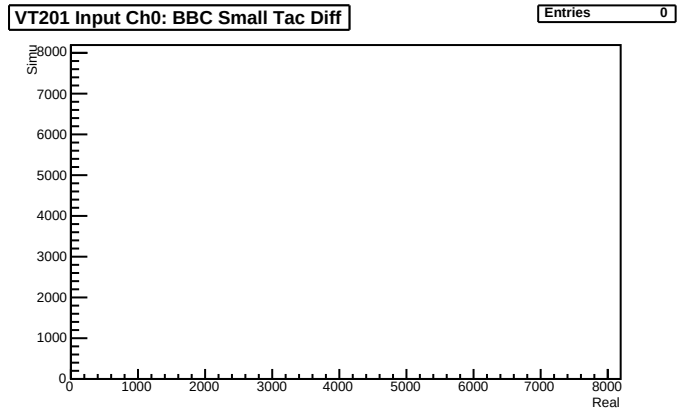

zdcWestTac
Entries 615203

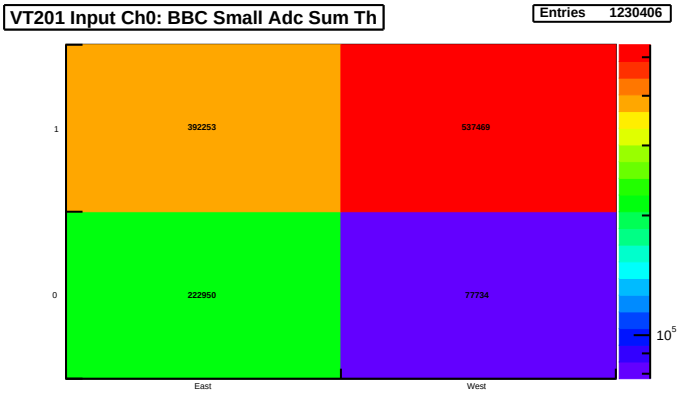

zdcWestTacVsSimu
Entries 3366
Data
Simu

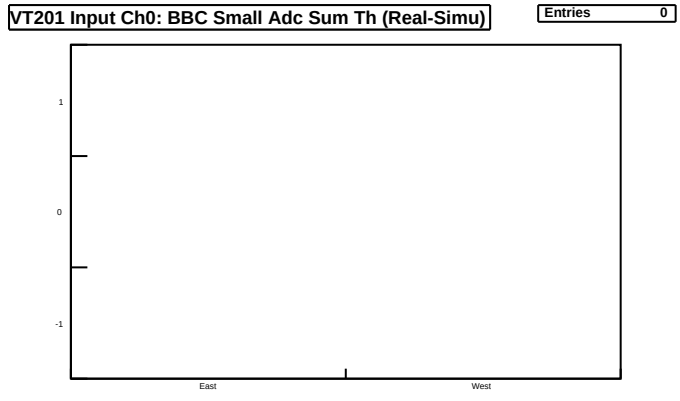

zdcAdcSum
Entries 7382436
46470
6085
23
20
8
8
110201
7221
67
56
39
33
568733
609118
615180
615183
615195
615195
505002
607882
615136
615147
615164
615170
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

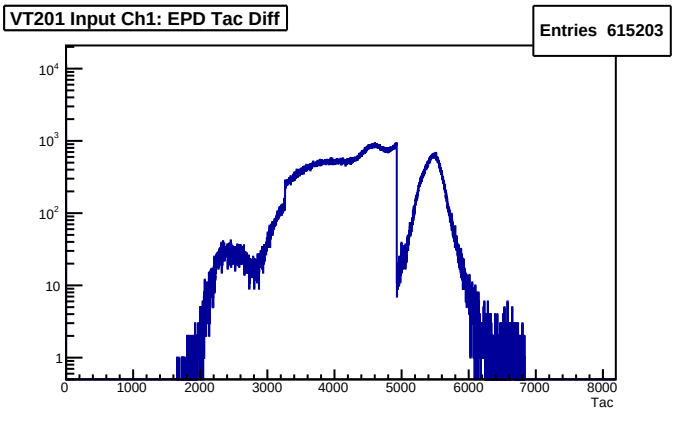

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

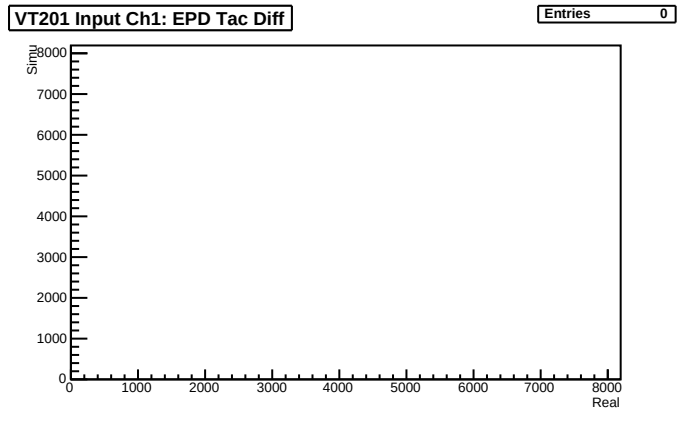

VT201 Input Ch0: BBC Small Tac Diff
Entries 615203
Tac

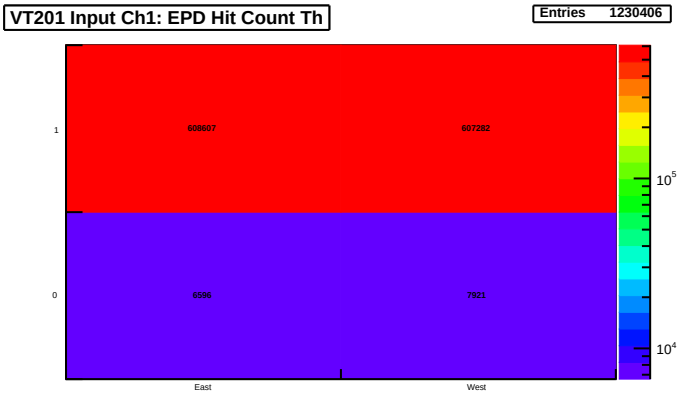

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

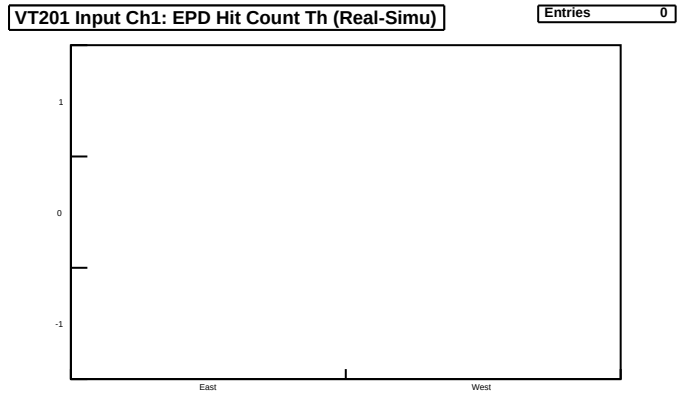

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1230406
392253
537469
222950
77734
East
West

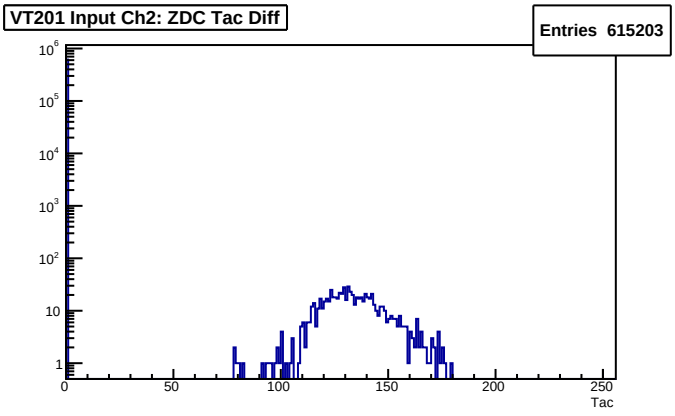

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

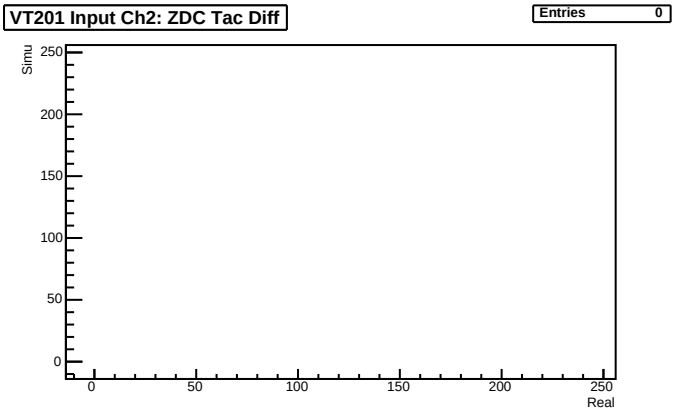

VT201 Input Ch1: EPD Tac Diff
Entries 615203
Tac

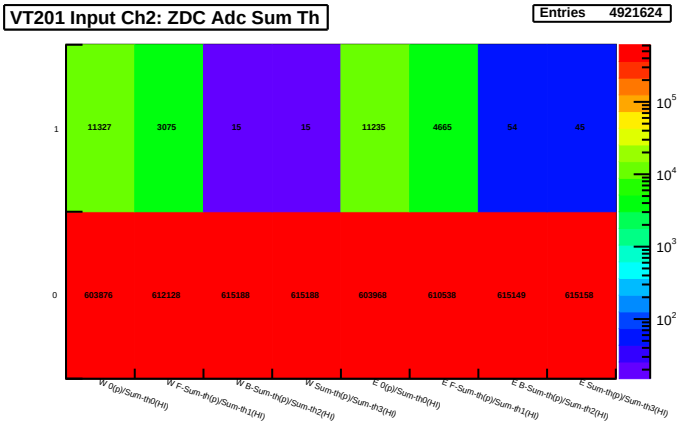

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

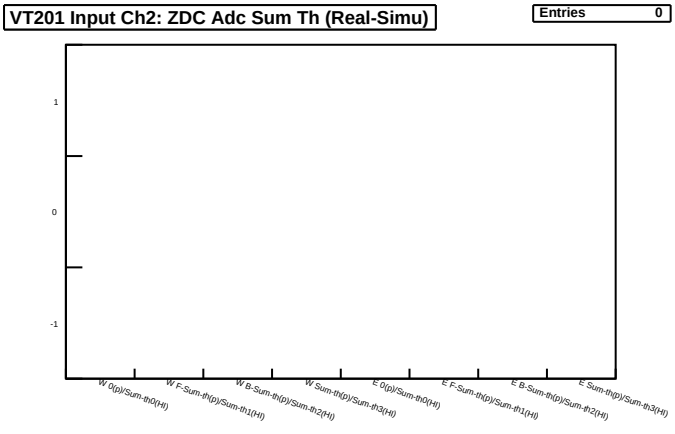

VT201 Input Ch1: EPD Hit Count Th
Entries 1230406
608607
607282
6596
7921
East
West

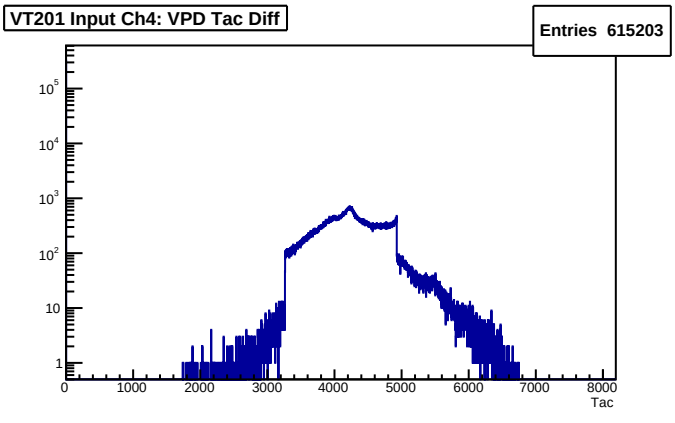

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

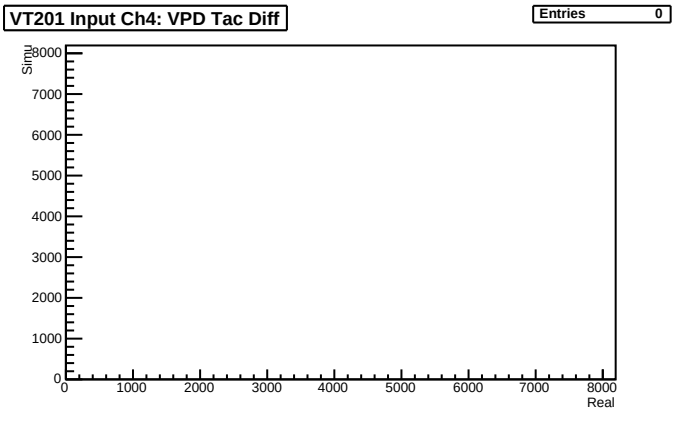

VT201 Input Ch2: ZDC Tac Diff
Entries 615203
Tac

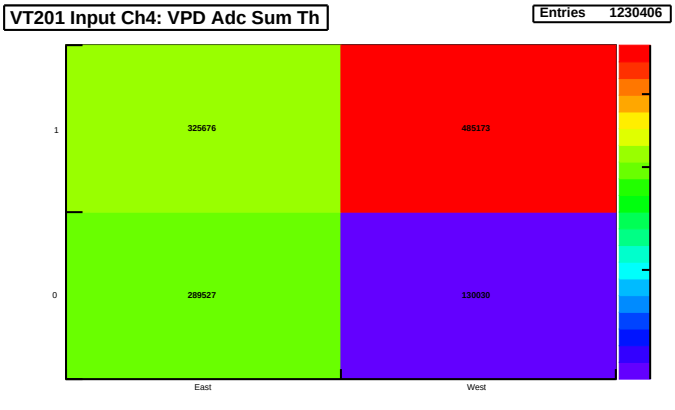

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

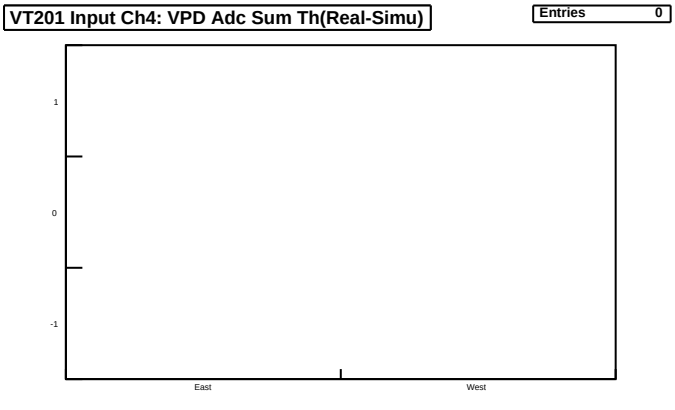

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4921624
11327
3075
15
15
11235
4665
54
45
603876
612128
615188
615188
603968
610538
615149
615158
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

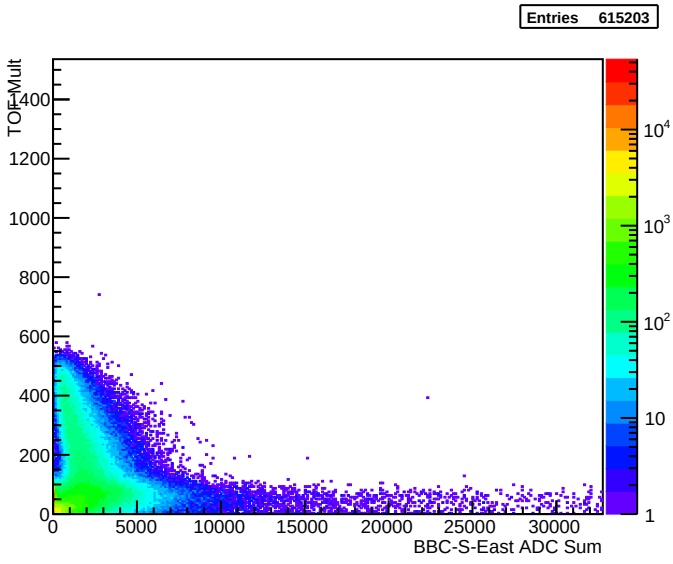

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

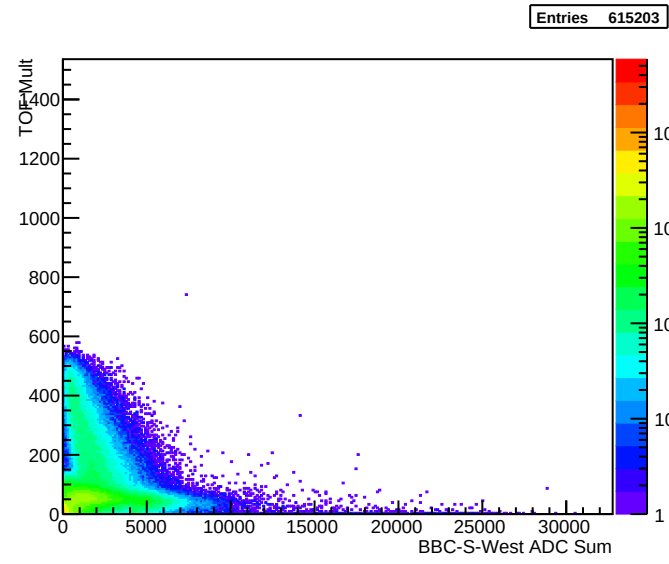

VT201 Input Ch4: VPD Tac Diff
Entries 615203
Tac

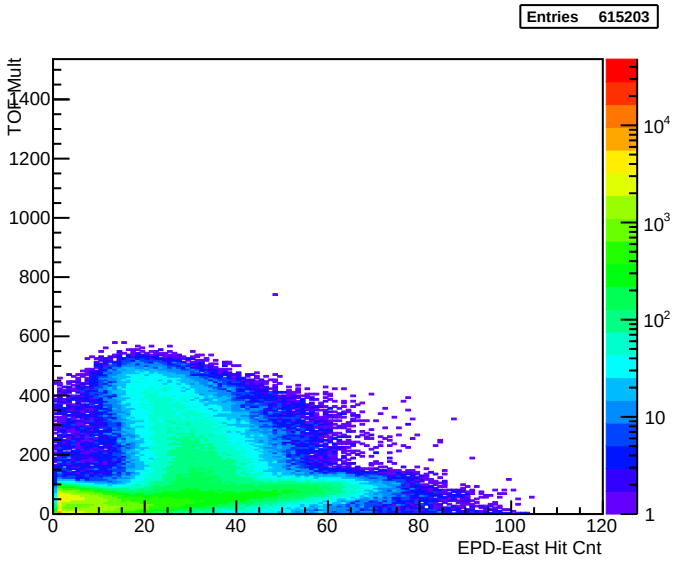

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

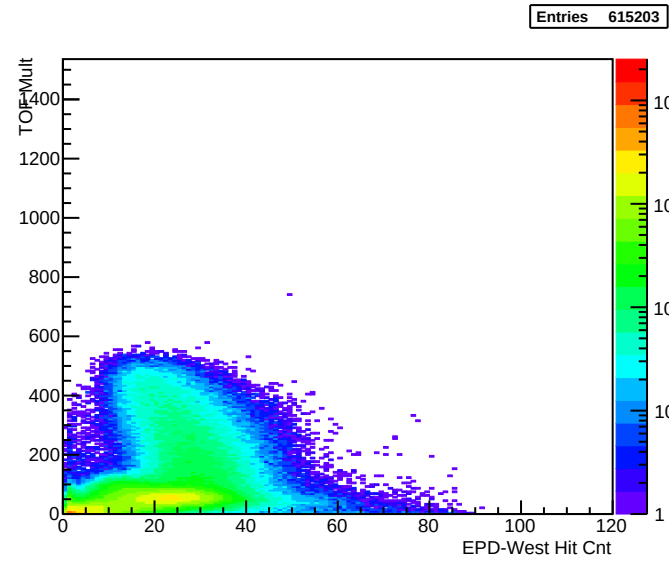

VT201 Input Ch4: VPD Adc Sum Th
Entries 1230406
325676
485173
289527
130030
East
West

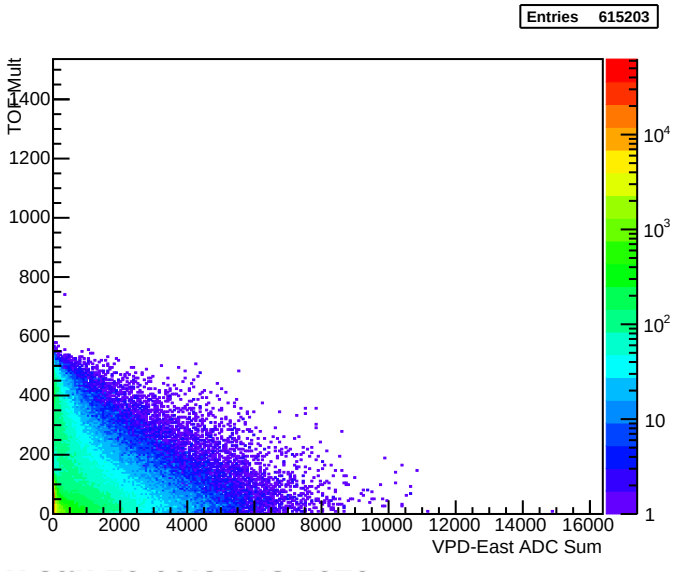

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

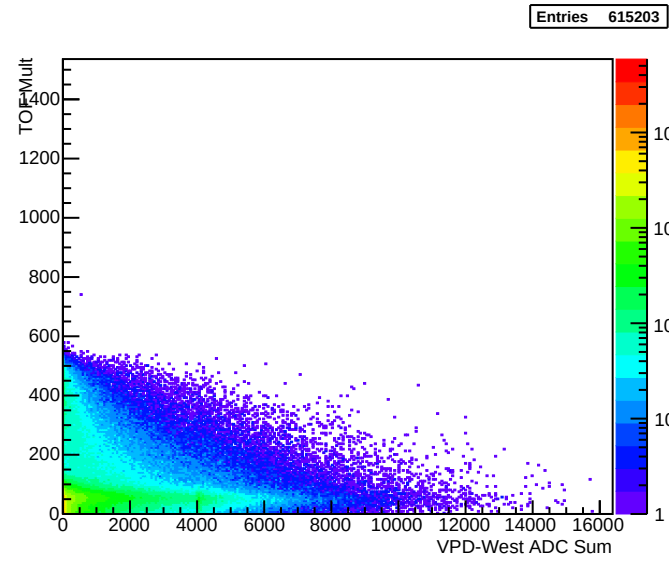

Entries 615203
TOF-Mult
BBC-S-East ADC Sum

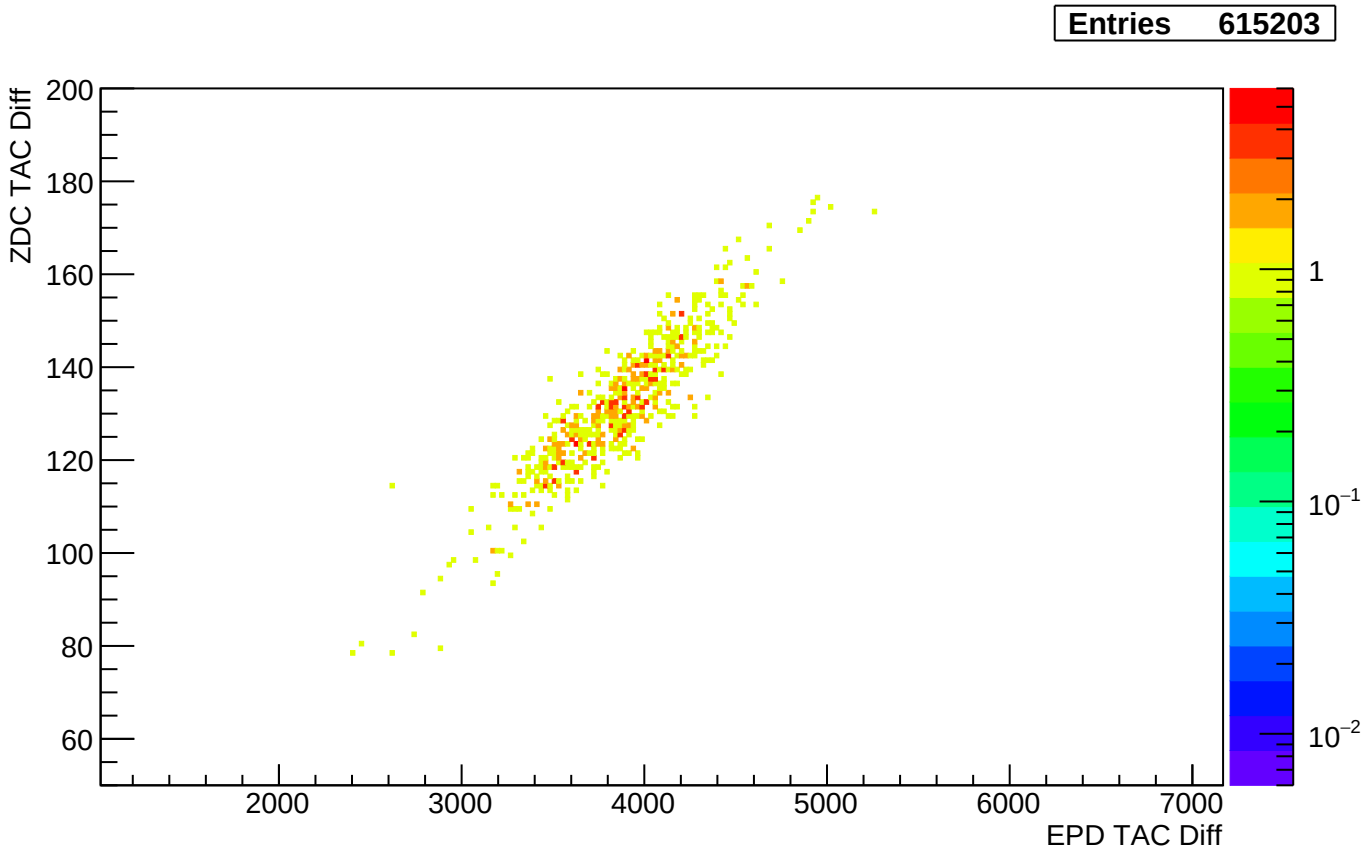

Entries 615203
TOF-Mult
BBC-S-West ADC Sum

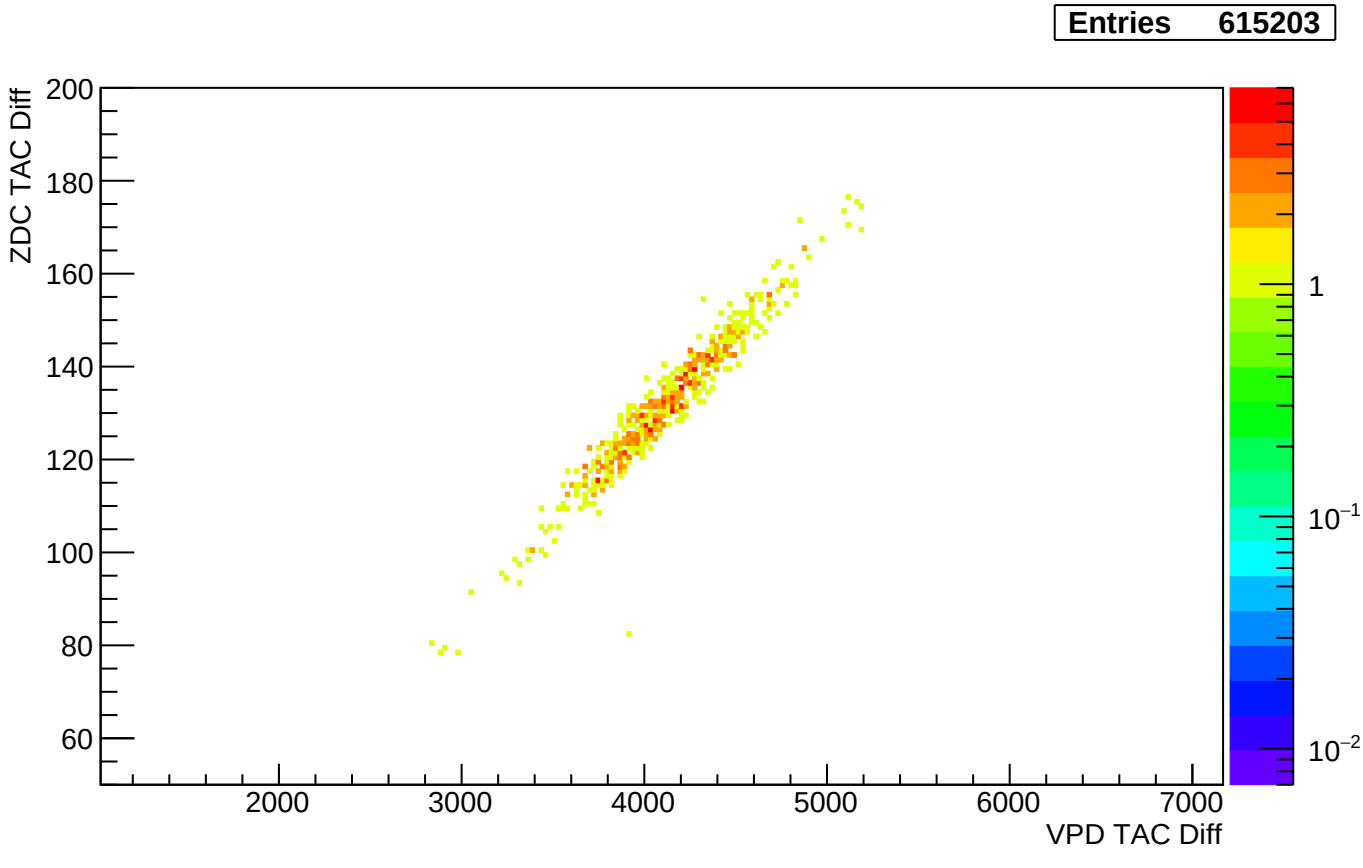

Entries 615203
TOF-Mult
EPD-East Hit Cnt

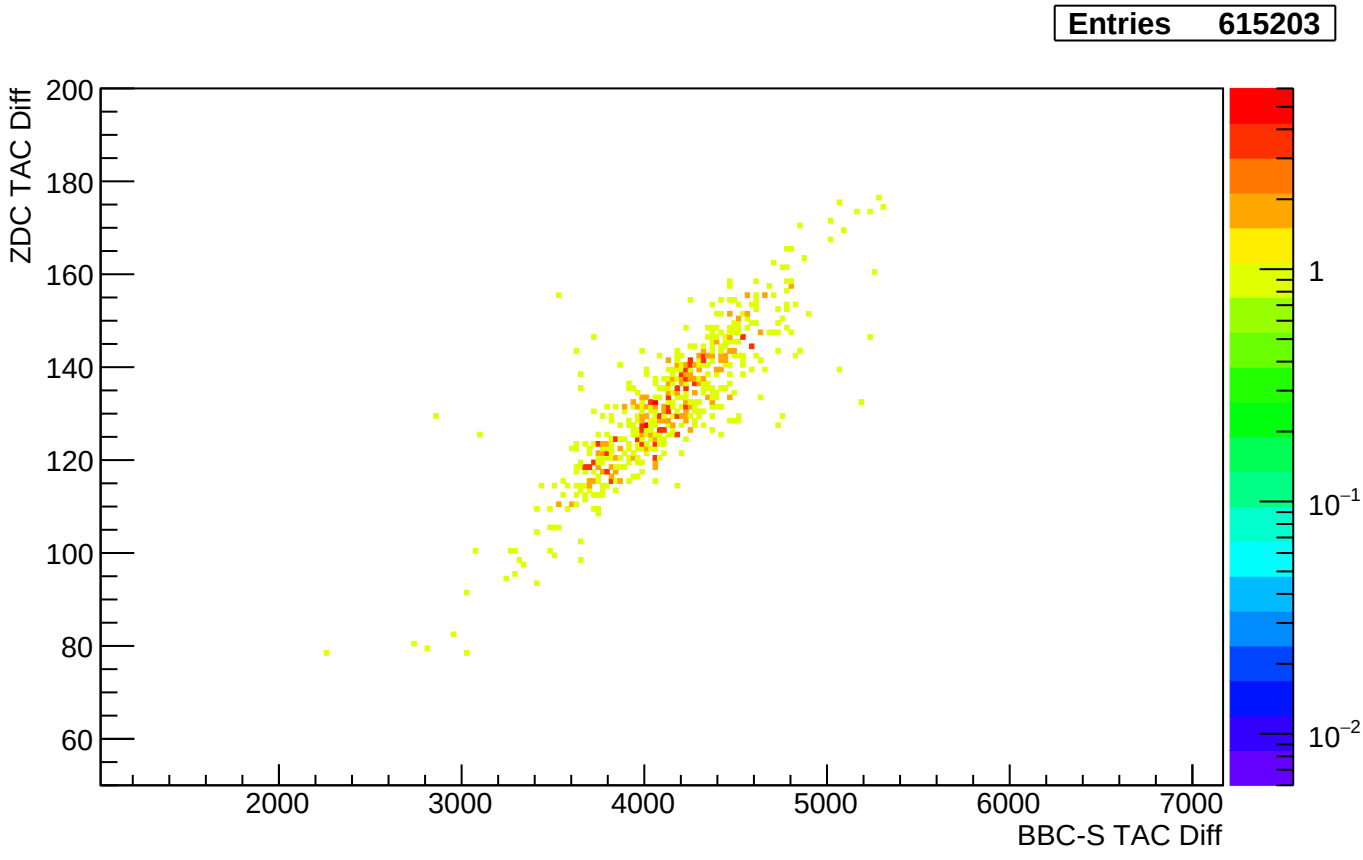

Entries 615203
TOF-Mult
EPD-West Hit Cnt

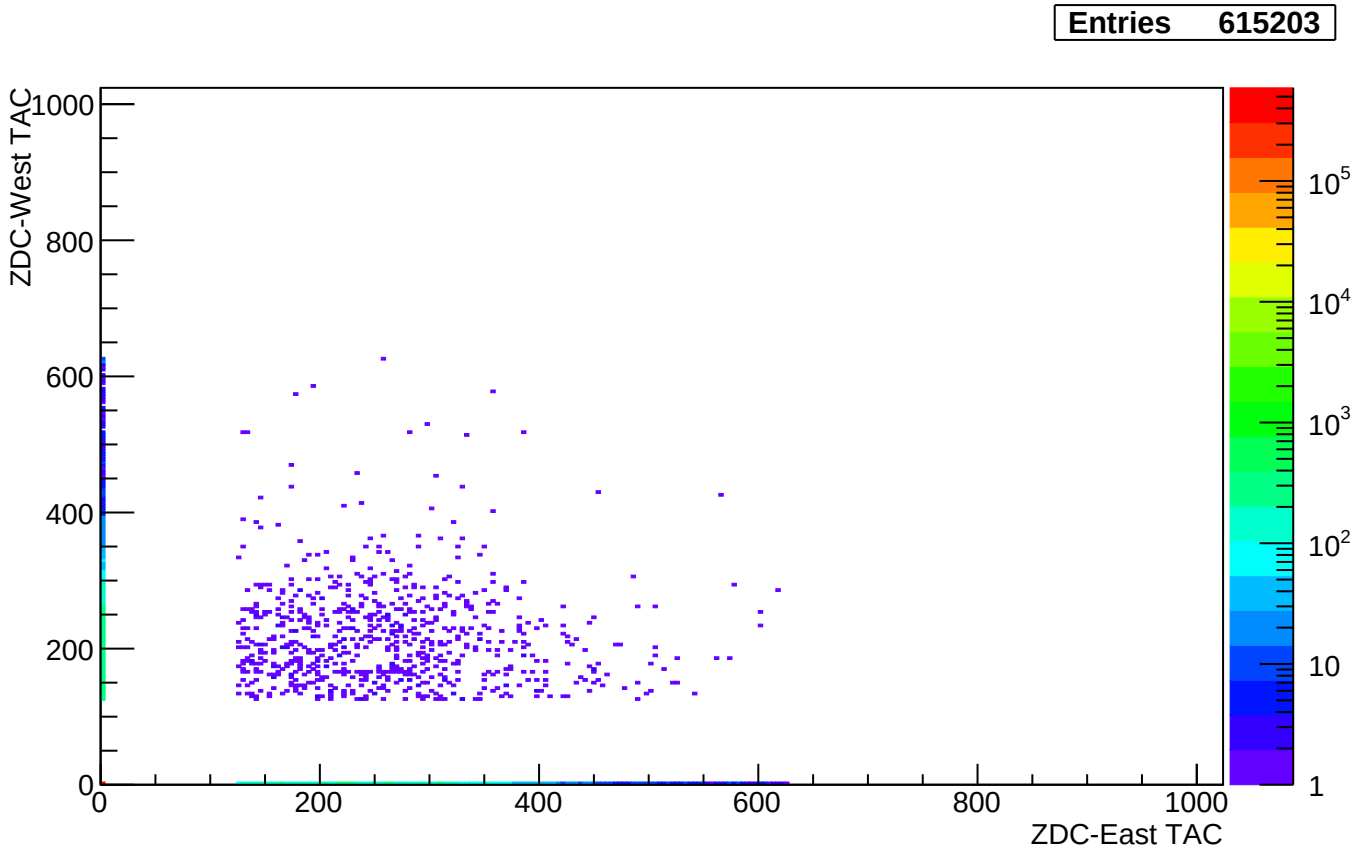

Entries 615203
TOF-Mult
VPD-East ADC Sum

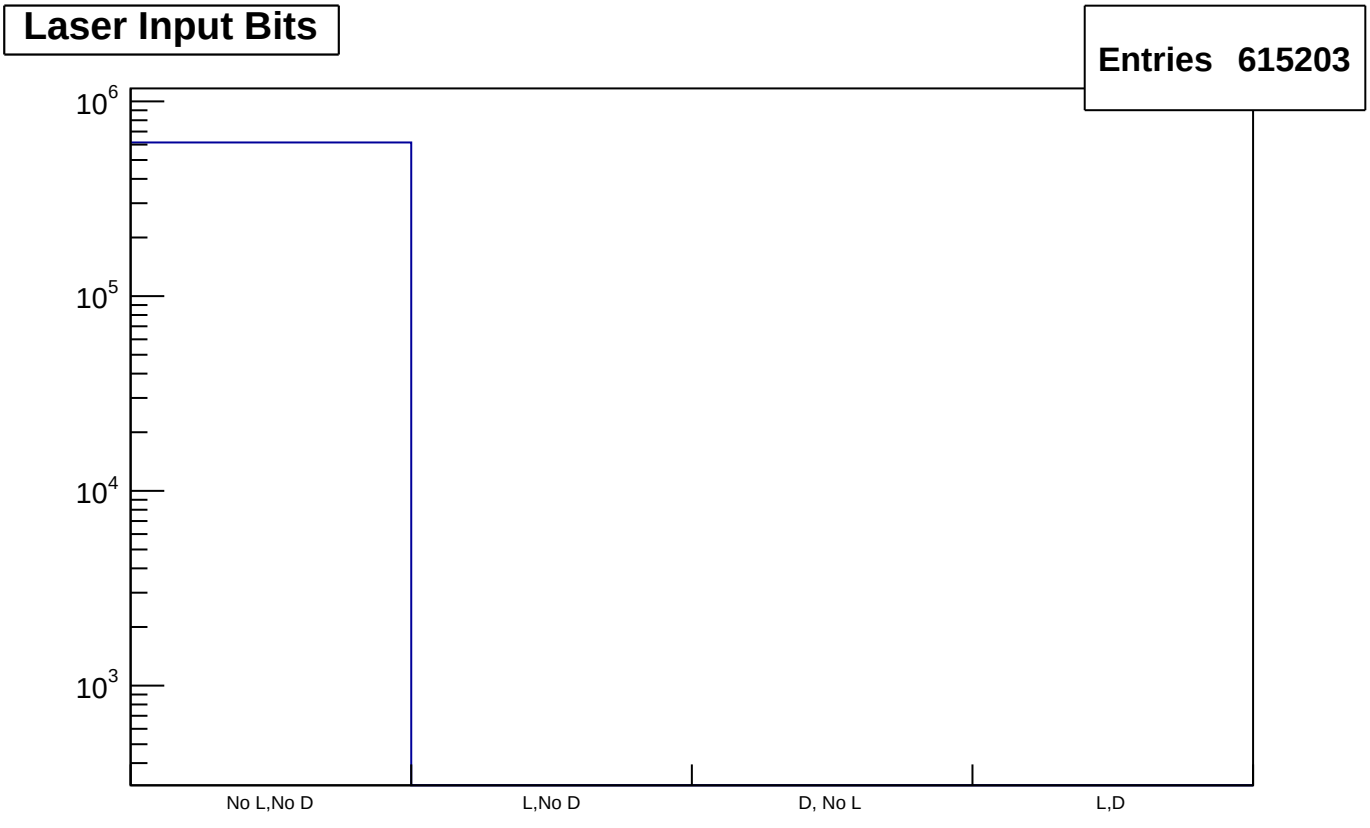

Entries 615203
TOF-Mult
VPD-West ADC Sum

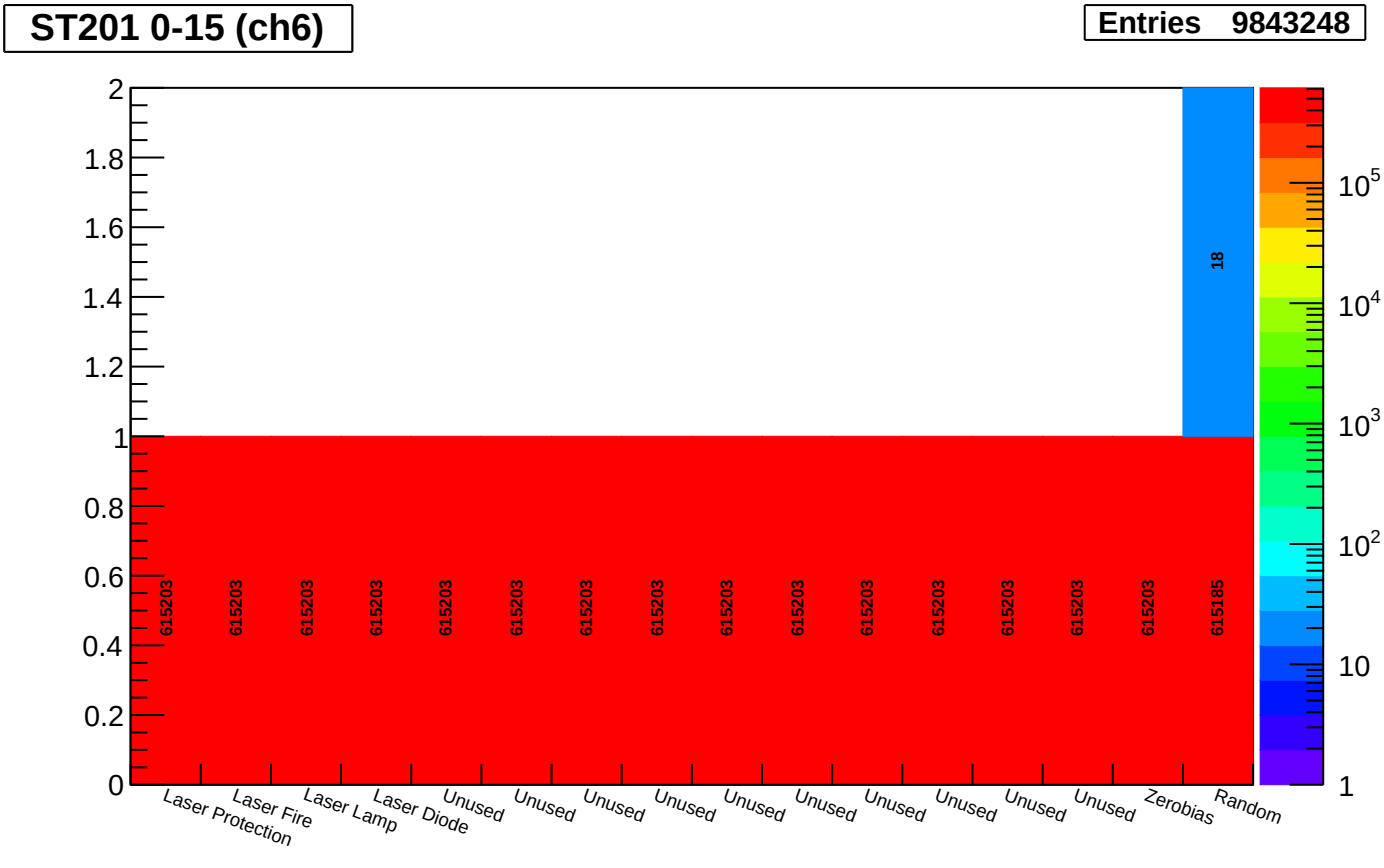

Entries 615203
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

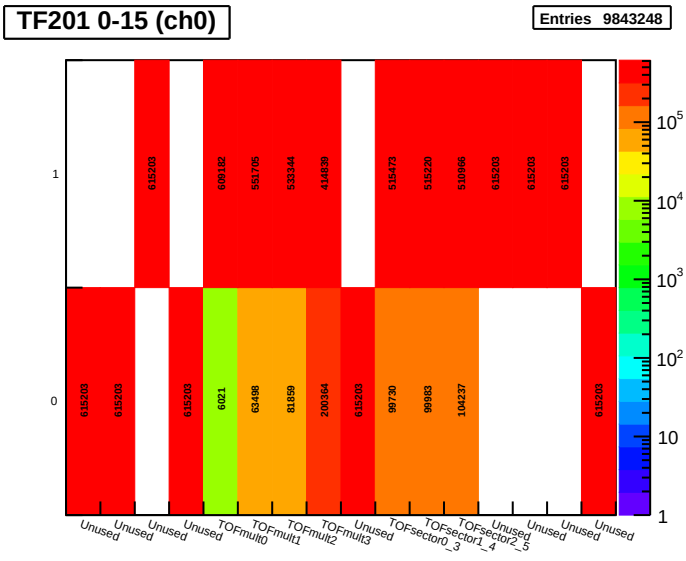

Entries 615203
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

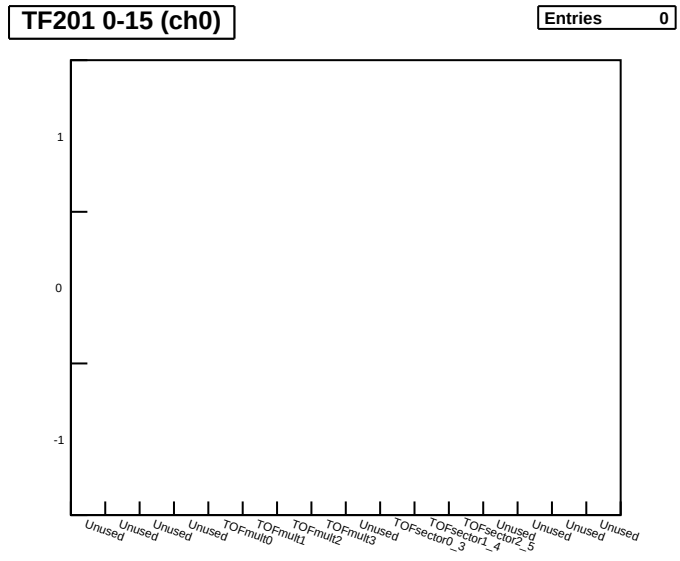

Entries 615203
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

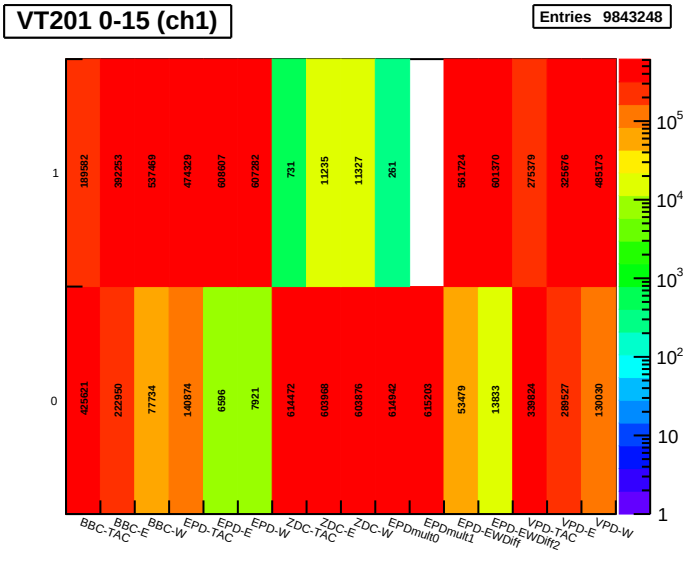

Entries 615203
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

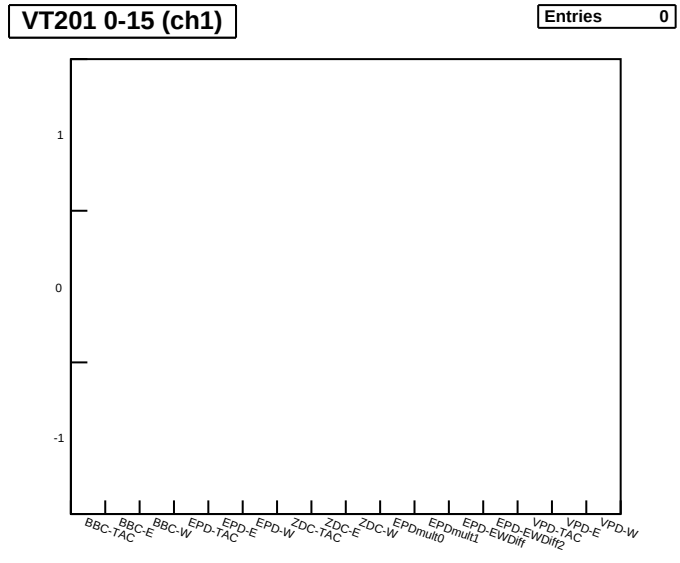

Laser Input Bits
Entries 615203
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

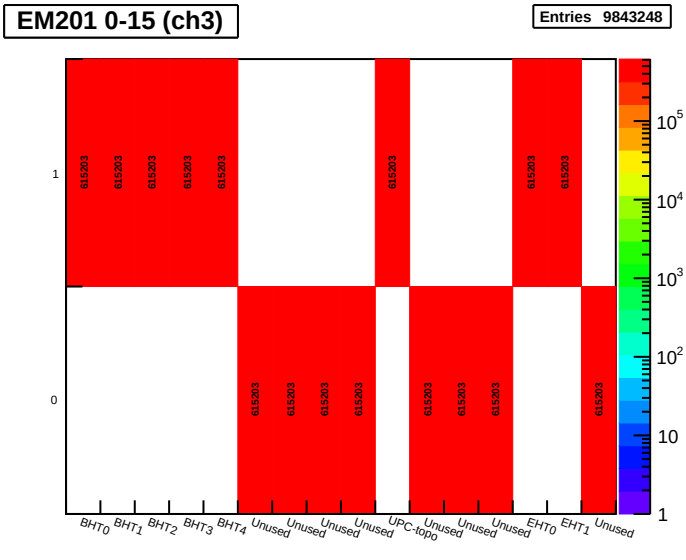

ST201 0-15 (ch6)
Entries 9843248
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
615203
615203
615203
615203
615203
615203
615203
615203
615203
615203
615203
615203
615203
615203
615203
615185
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

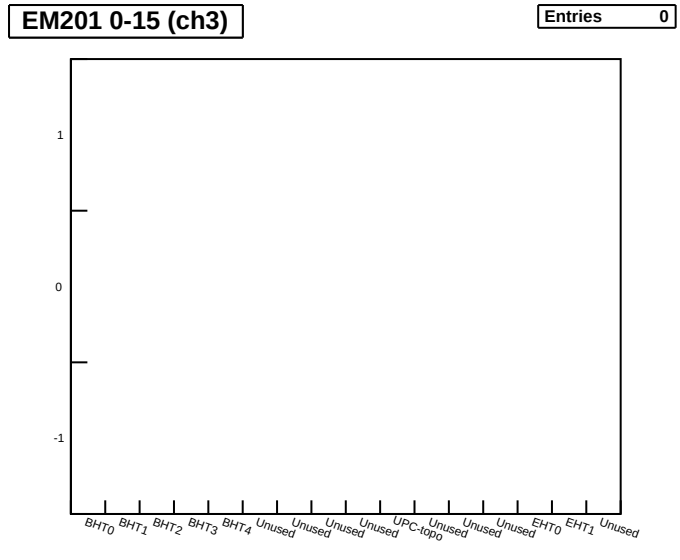

TF201 0-15 (ch0)
Entries 9843248
1
0
615203 615203 615203 6021 63498 81859 200364 615203 99730 99983 104237 615203
615203 609182 551705 533344 414839 515473 515220 510966 615203 615203 615203
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 9843248
1
0
425621 222950 77734 140874 6596 7921 614472 603968 603876 614942 615203 53479 13833 338824 289527 130030
189582 392253 537469 474329 608607 607282 731 11235 11327 261 561724 601370 275379 325676 485173
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
1 10 10^2 10^3 10^4 10^5


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 9843248
1
0
615203 615203 615203 615203 615203 615203 615203 615203 615203 615203 615203 615203 615203 615203 615203 615203
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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