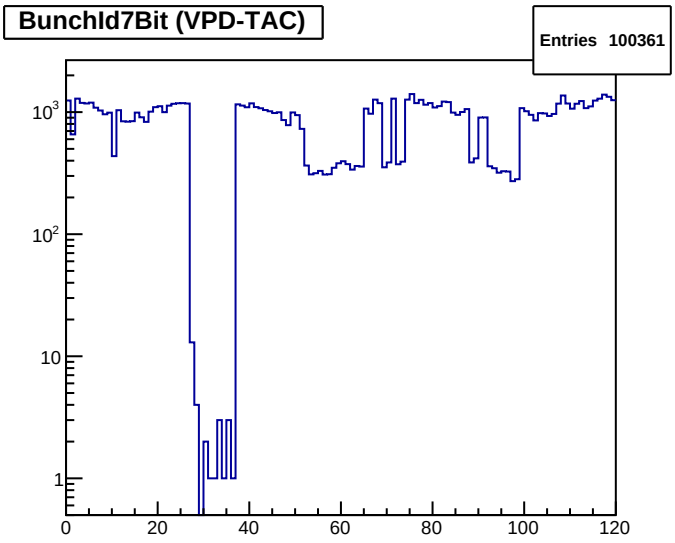
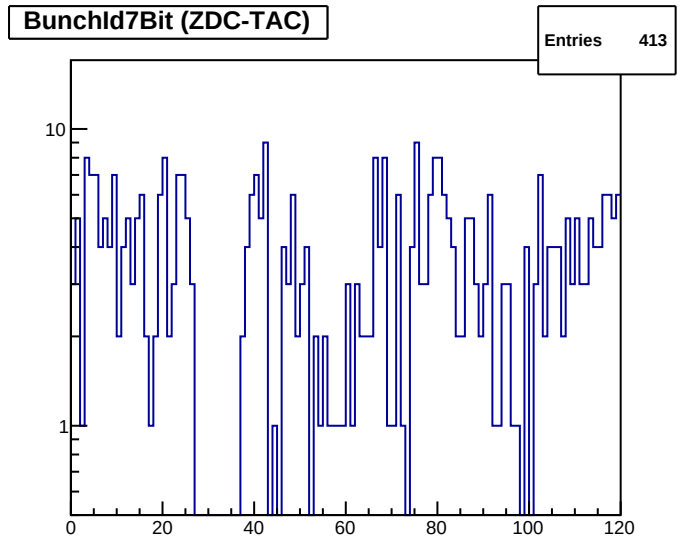
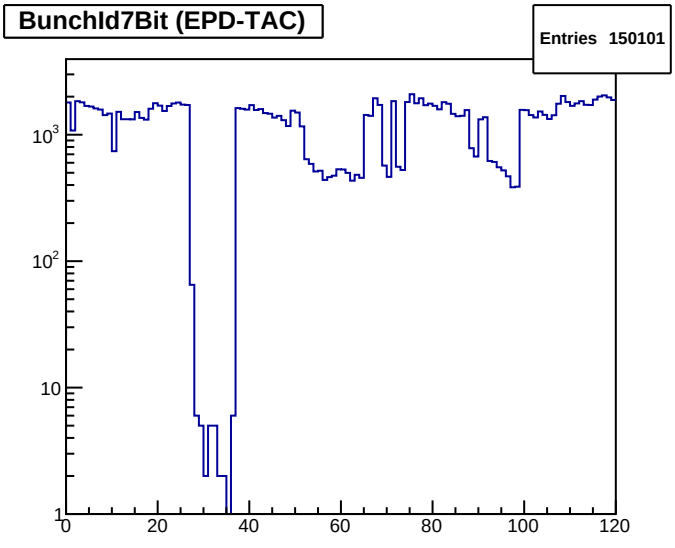
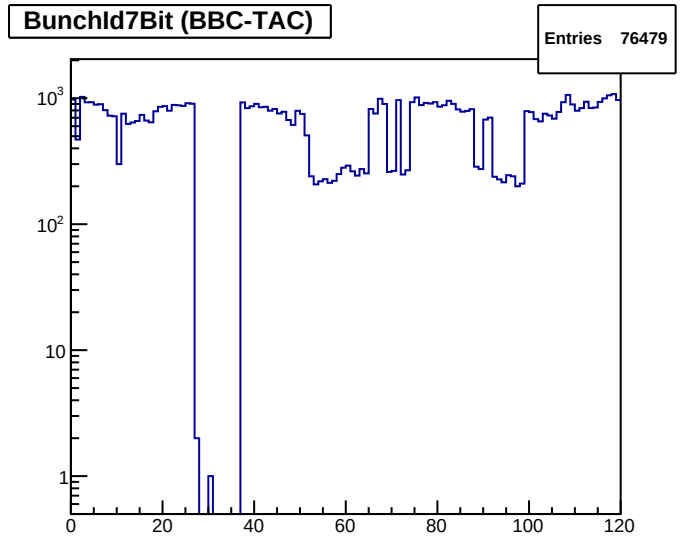
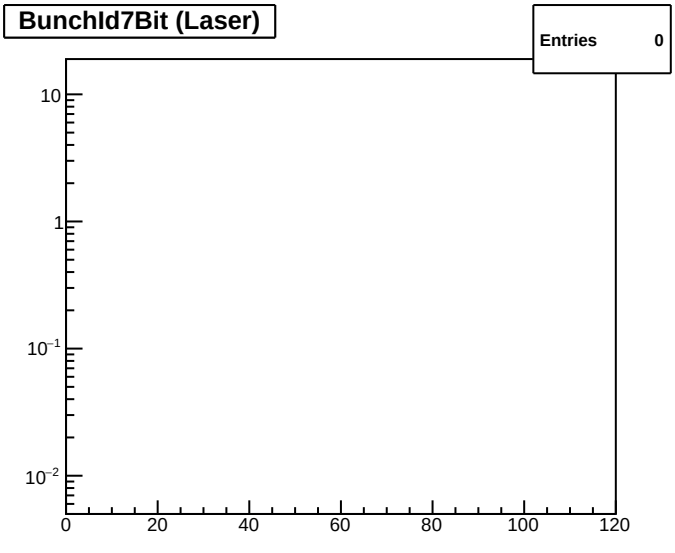
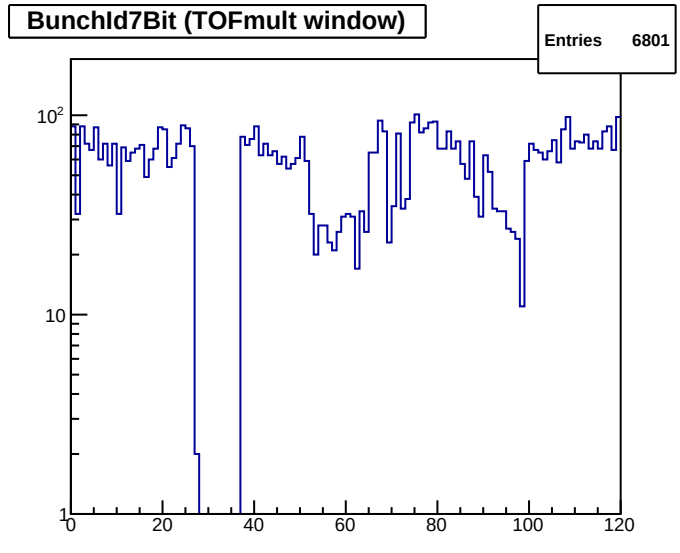

BunchId7Bit (VPD-TAC)
Entries 100361

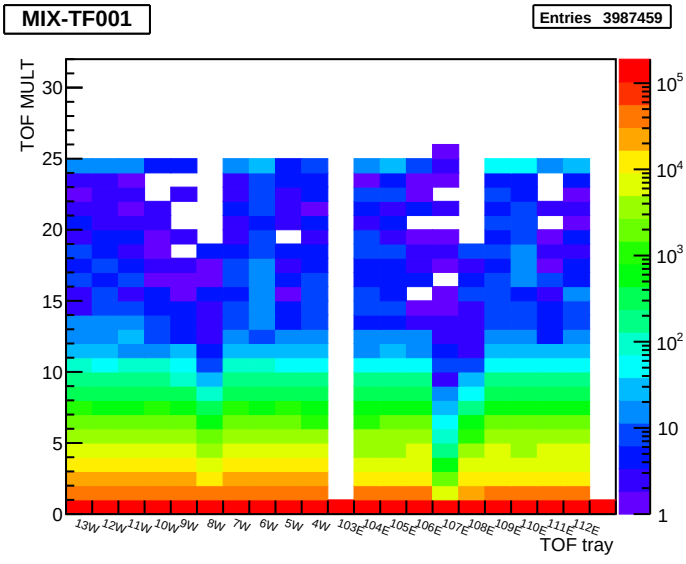

BunchId7Bit (ZDC-TAC)
Entries 413

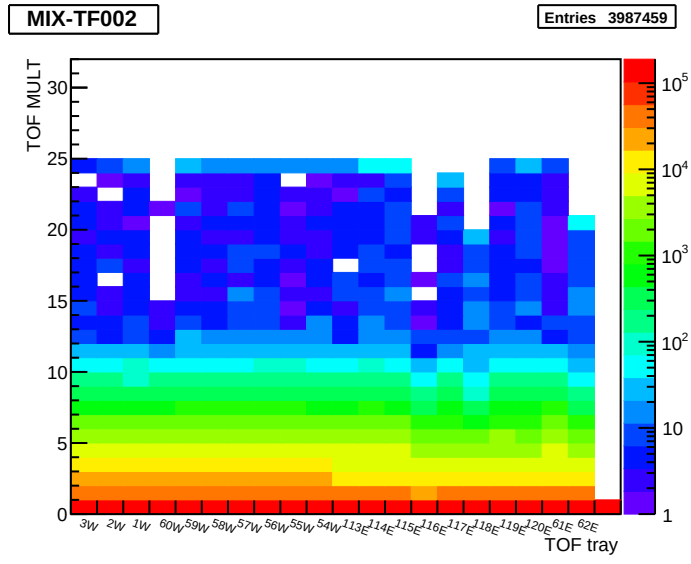

BunchId7Bit (EPD-TAC)
Entries 150101

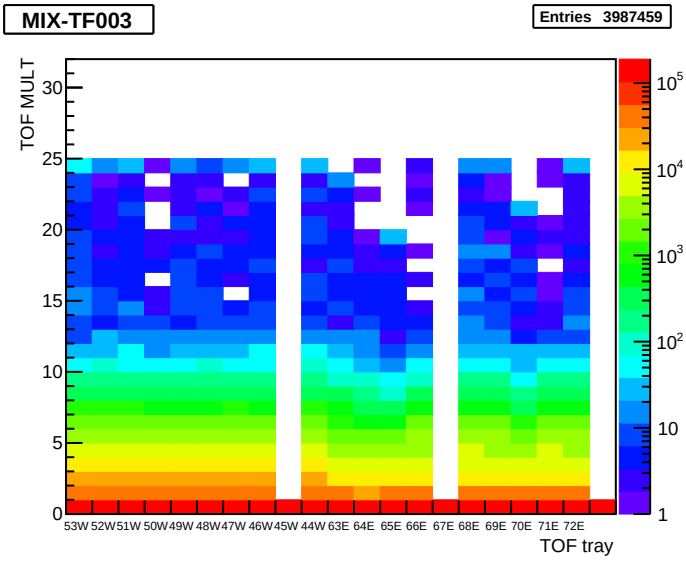

BunchId7Bit (BBC-TAC)
Entries 76479

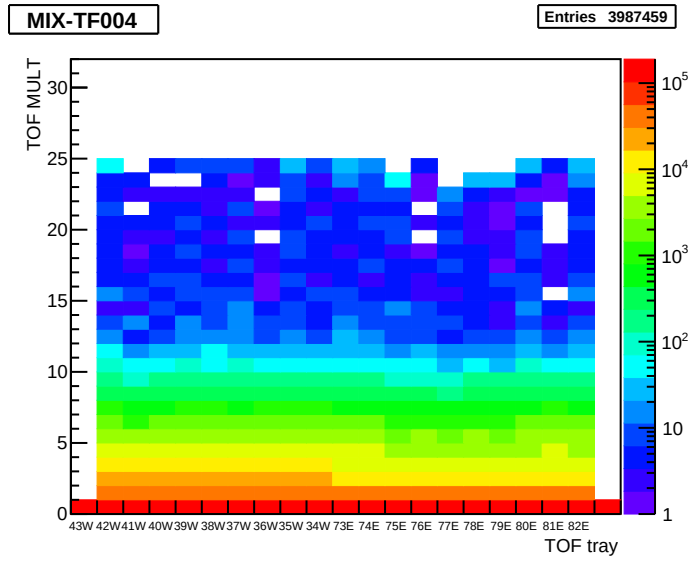

BunchId7Bit (Laser)
Entries 0

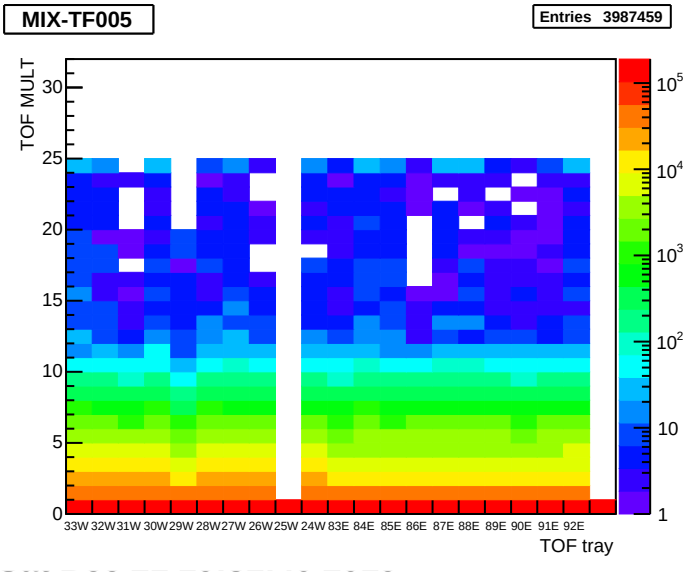

BunchId7Bit (TOFmult window)
Entries 6801

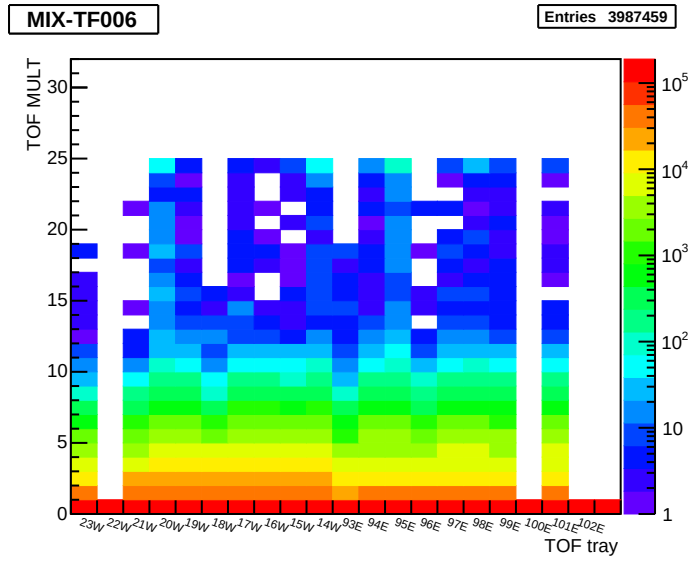

MIX-TF001
Entries 3987459
TOF MULT
TOF tray

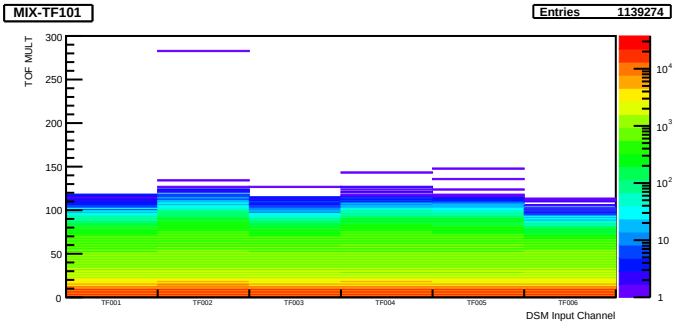

MIX-TF002
Entries 3987459
TOF MULT
TOF tray

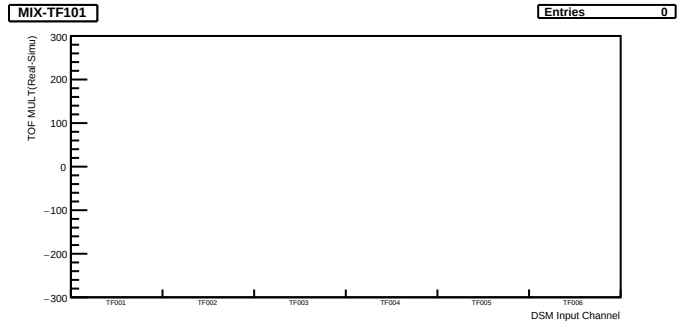

MIX-TF003
Entries 3987459
TOF MULT
TOF tray

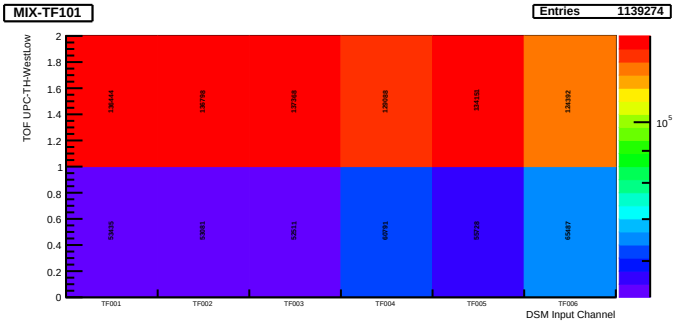

MIX-TF004
Entries 3987459
TOF MULT
TOF tray

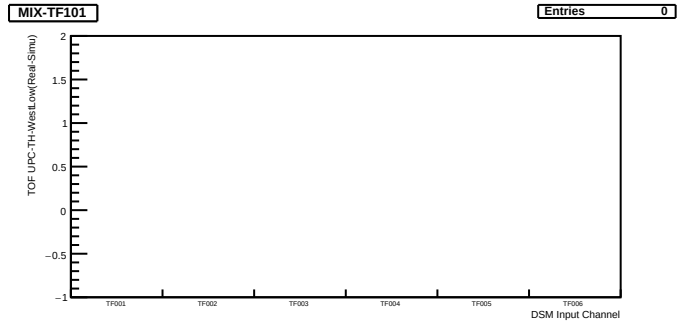

MIX-TF005
Entries 3987459
TOF MULT
TOF tray

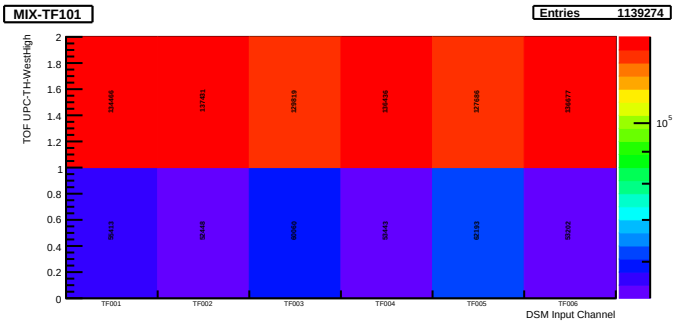

MIX-TF006
Entries 3987459
TOF MULT
TOF tray

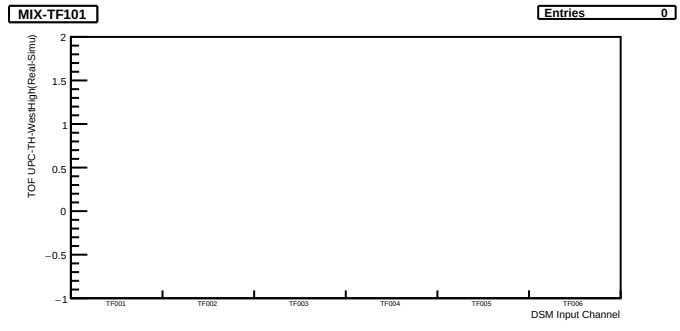

MIX-TF101
Entries 1139274
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

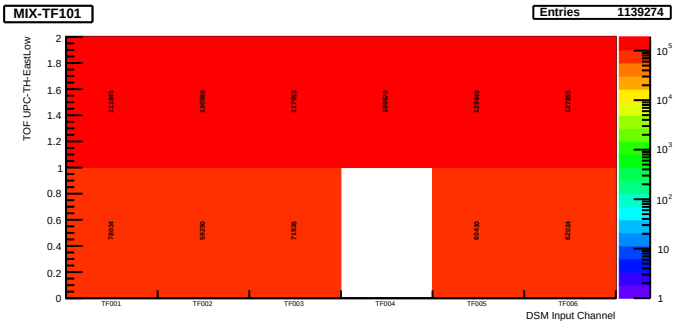

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

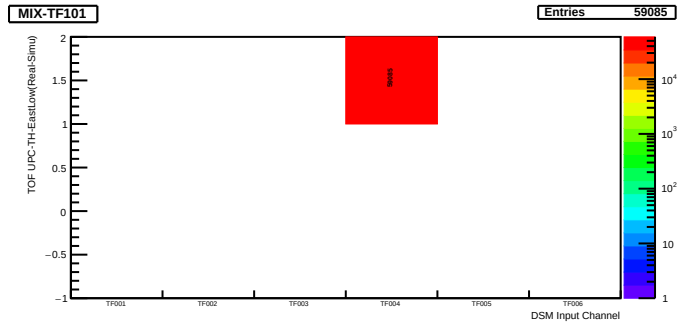

MIX-TF101
Entries 1139274
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

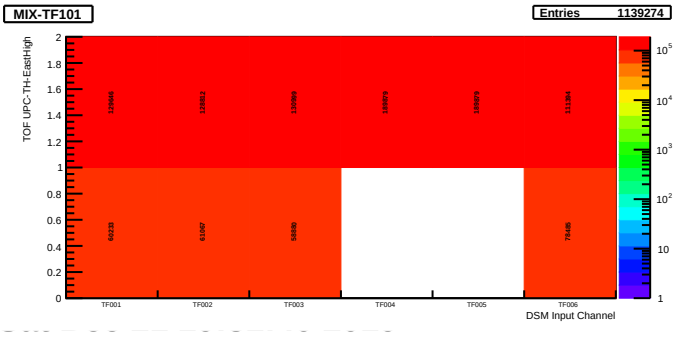

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

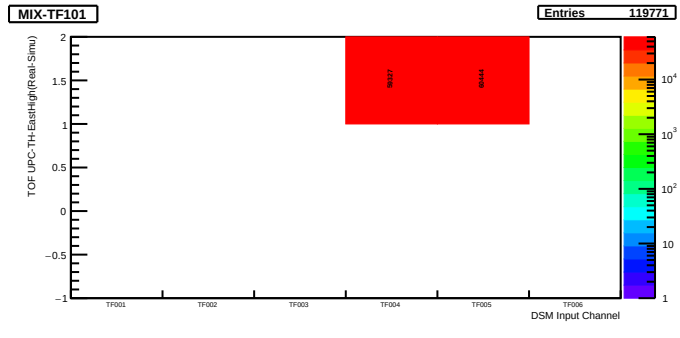

MIX-TF101
Entries 1139274
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

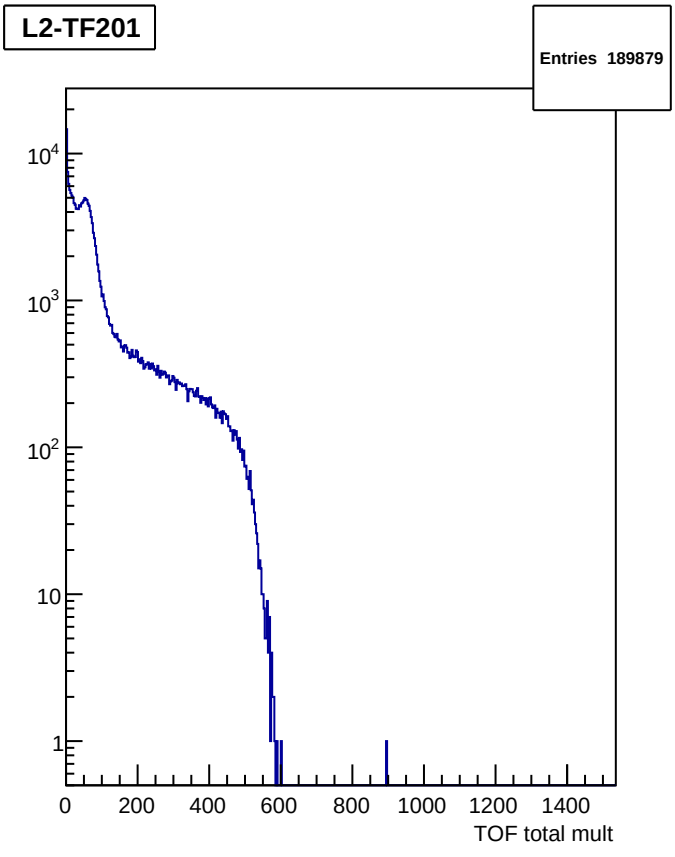

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

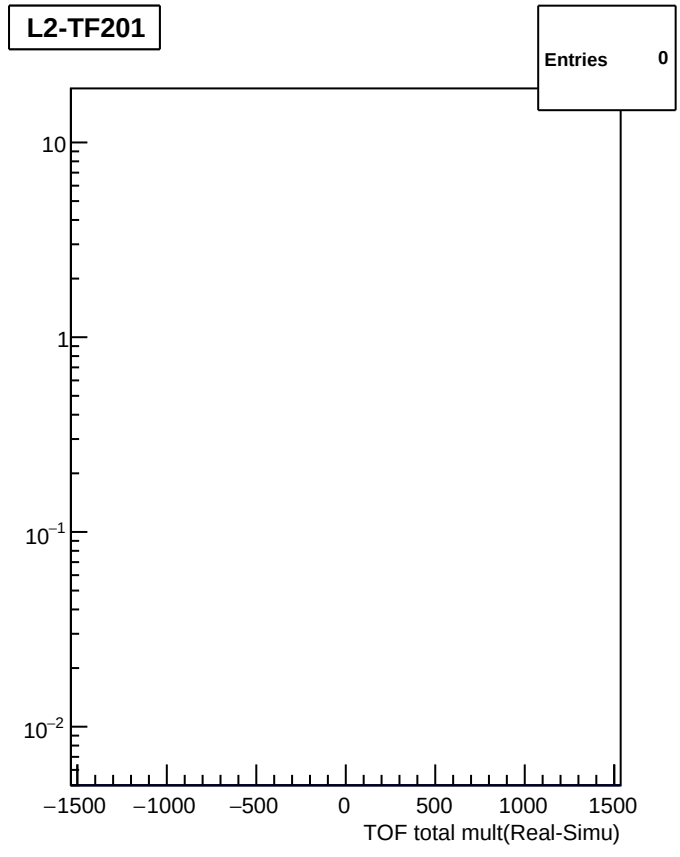

MIX-TF101
Entries 1139274
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

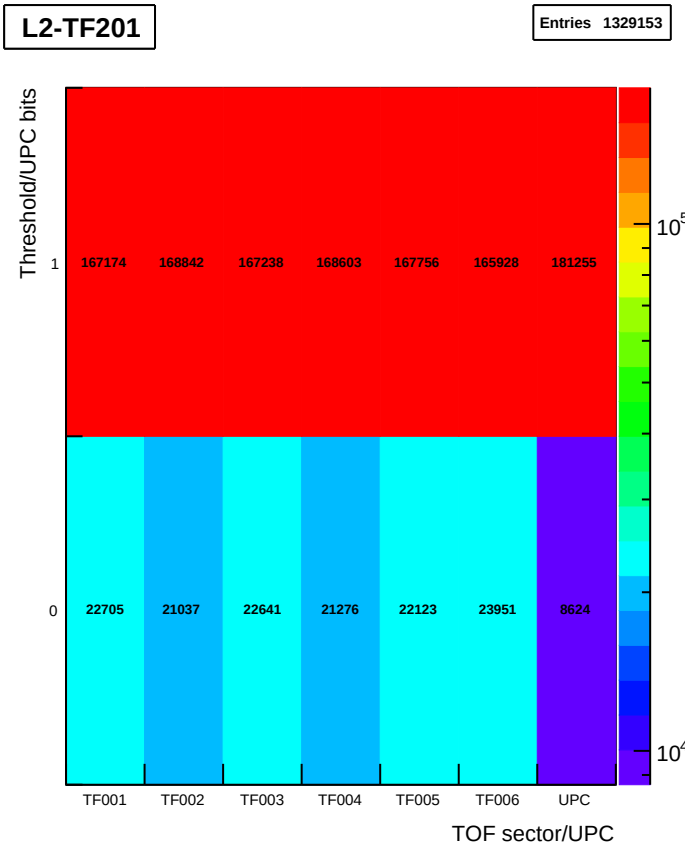

MIX-TF101
Entries 59085
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

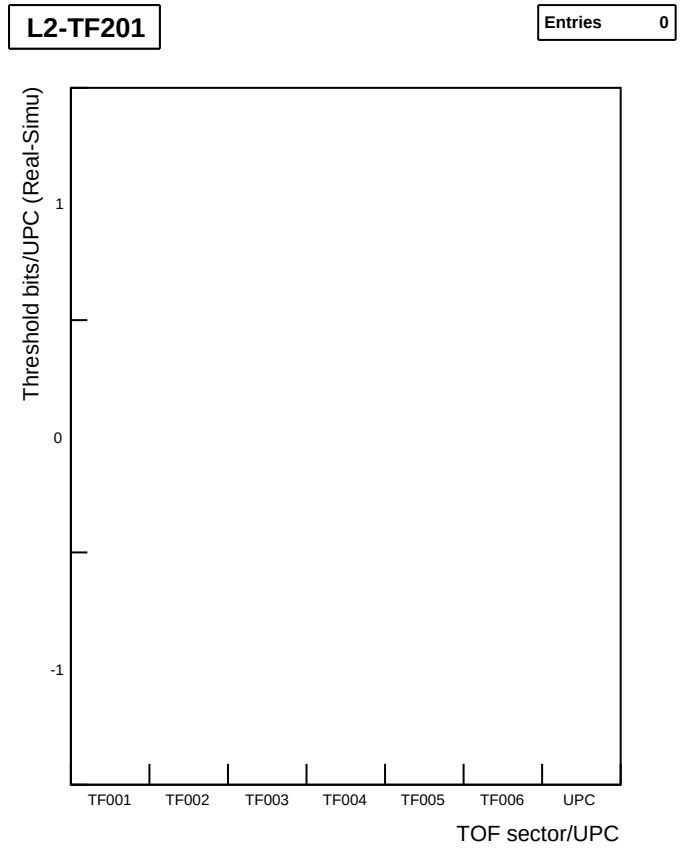

MIX-TF101
Entries 1139274
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

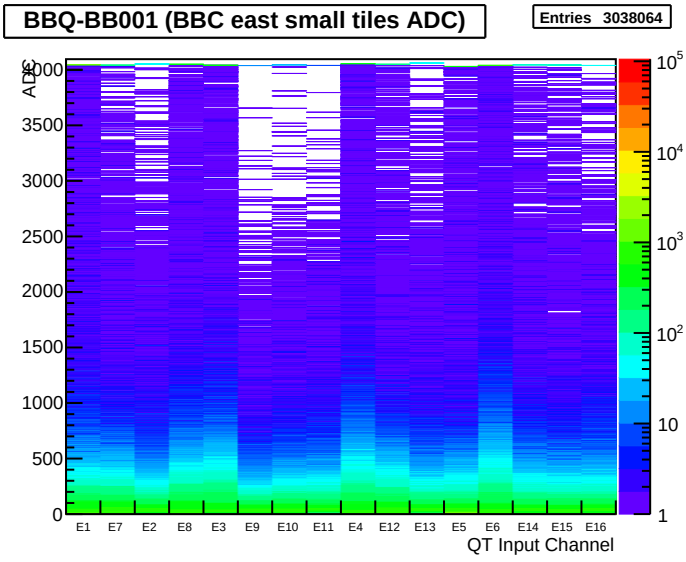

MIX-TF101
Entries 119771
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

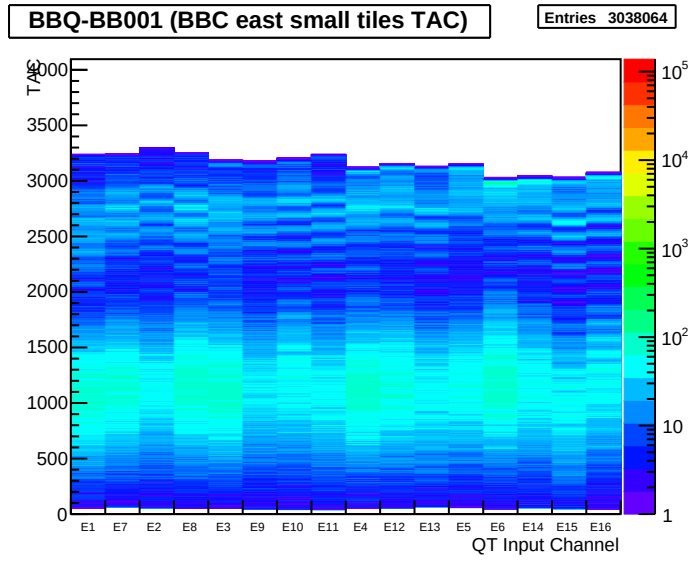

L2-TF201
Entries 189879
TOF total mult

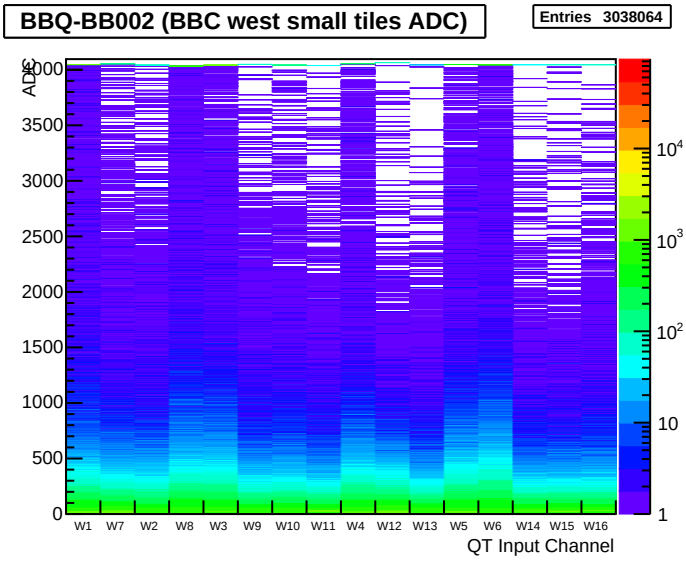

L2-TF201
Entries 0
TOF total mult(Real-Simu)

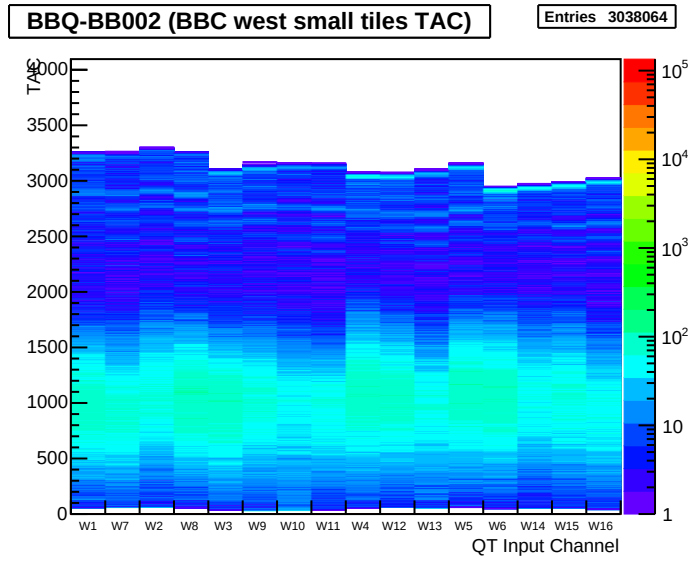

L2-TF201
Entries 1329153
Threshold/UPC bits
167174
168842
167238
168603
167756
165928
181255
22705
21037
22641
21276
22123
23951
8624
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

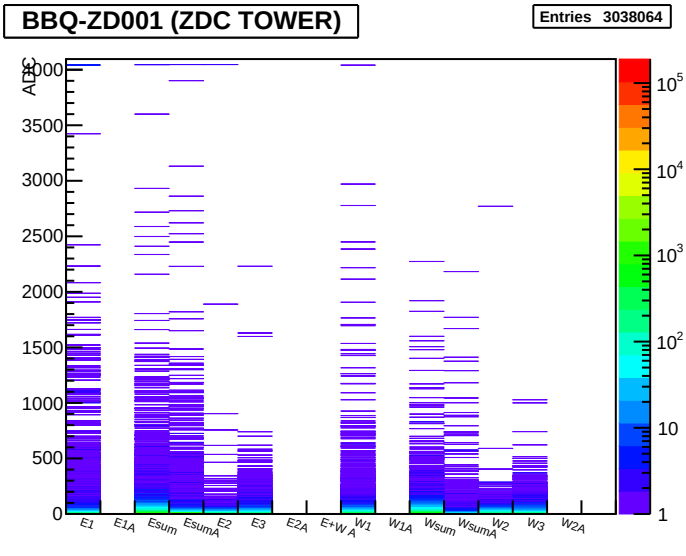

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

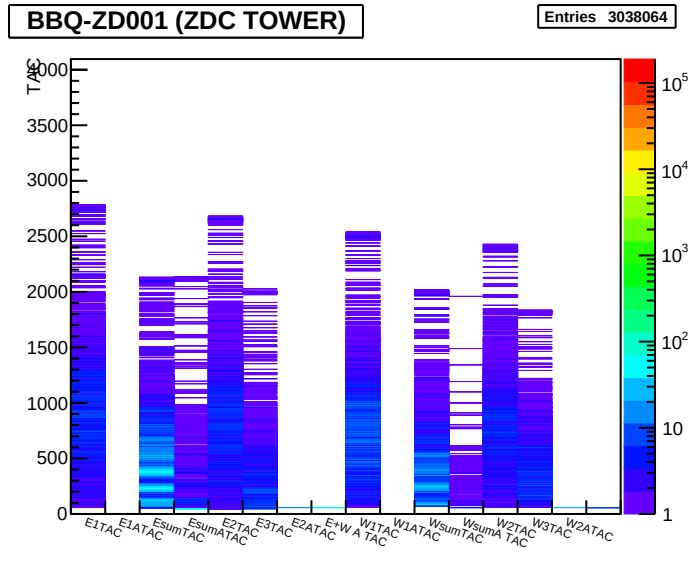

BBQ-BB001 (BBC east small tiles ADC)
Entries 3038064
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

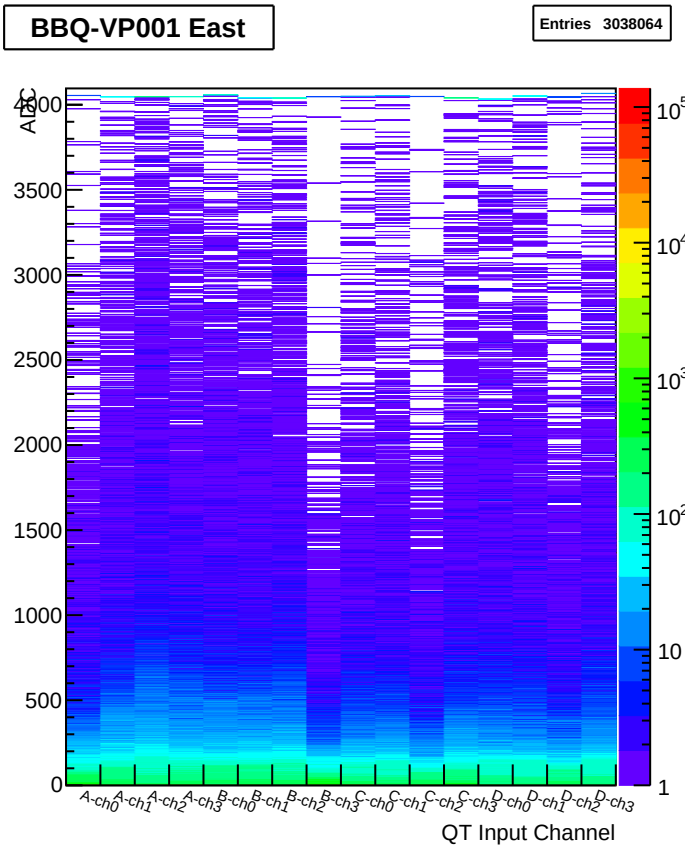

BBQ-BB001 (BBC east small tiles TAC)
Entries 3038064
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

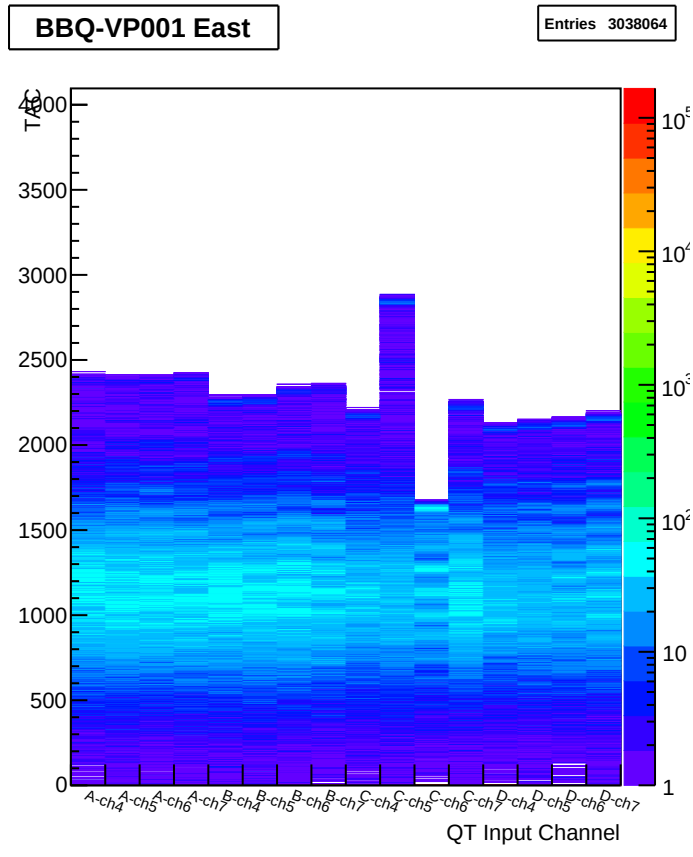

BBQ-BB002 (BBC west small tiles ADC)
Entries 3038064
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

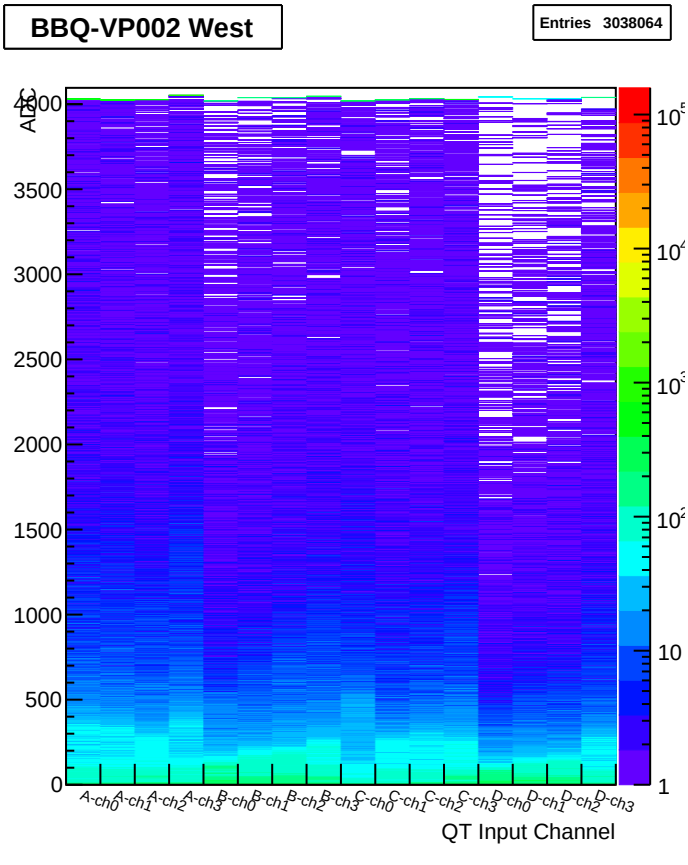

BBQ-BB002 (BBC west small tiles TAC)
Entries 3038064
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

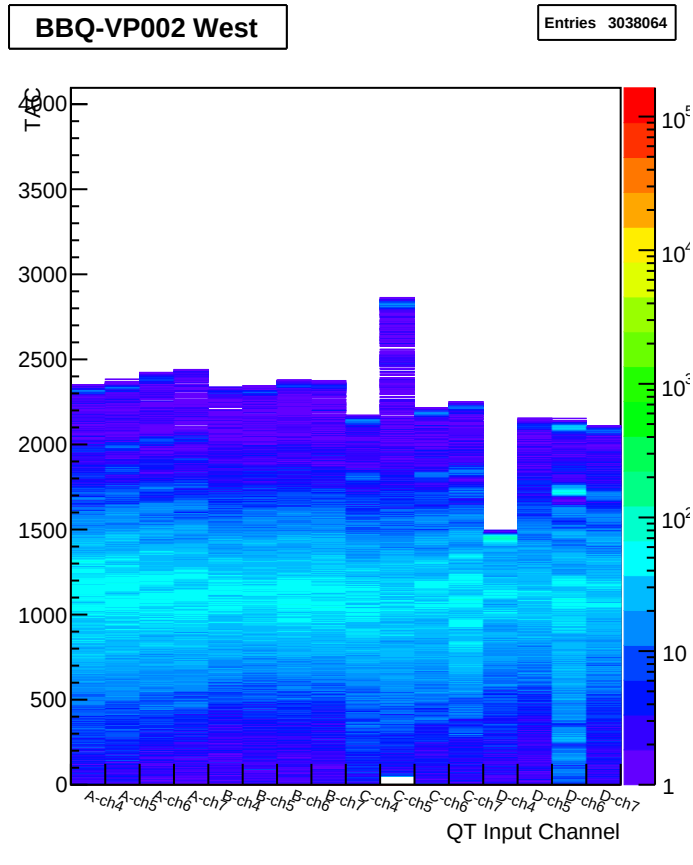

BBQ-ZD001 (ZDC TOWER)
Entries 3038064
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

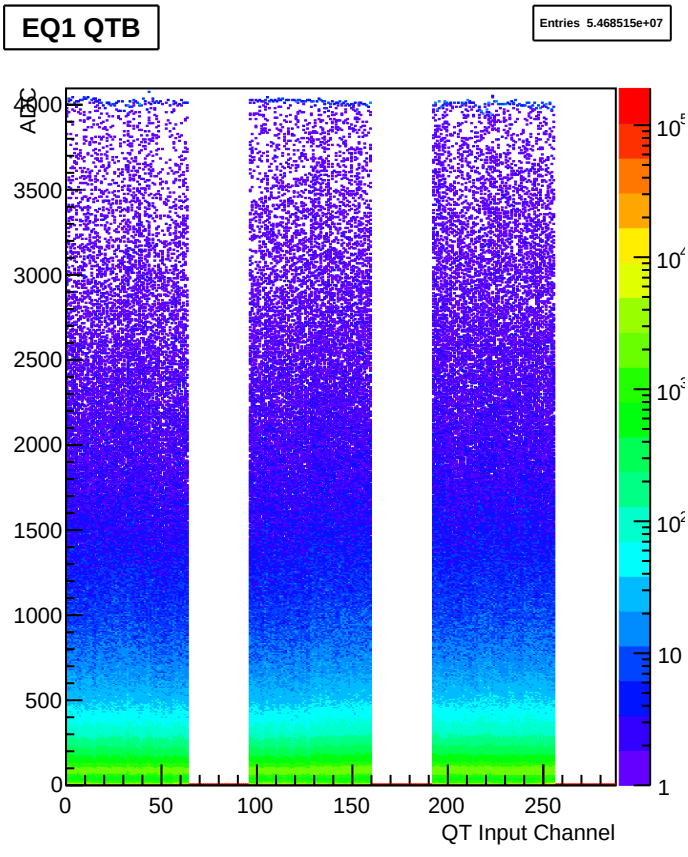

BBQ-ZD001 (ZDC TOWER)
Entries 3038064
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

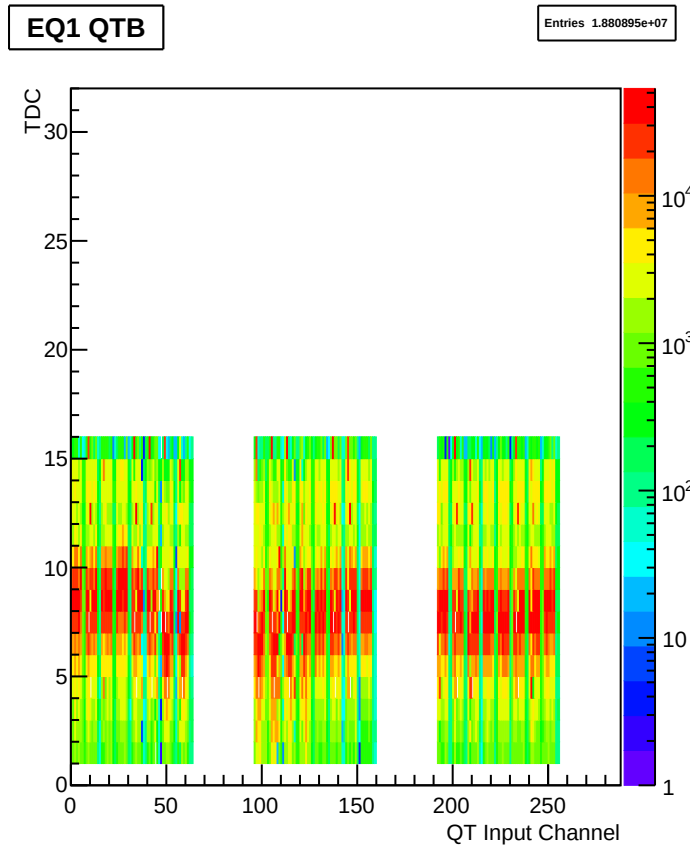

BBQ-VP001 East
Entries 3038064
ADC
QT Input Channel

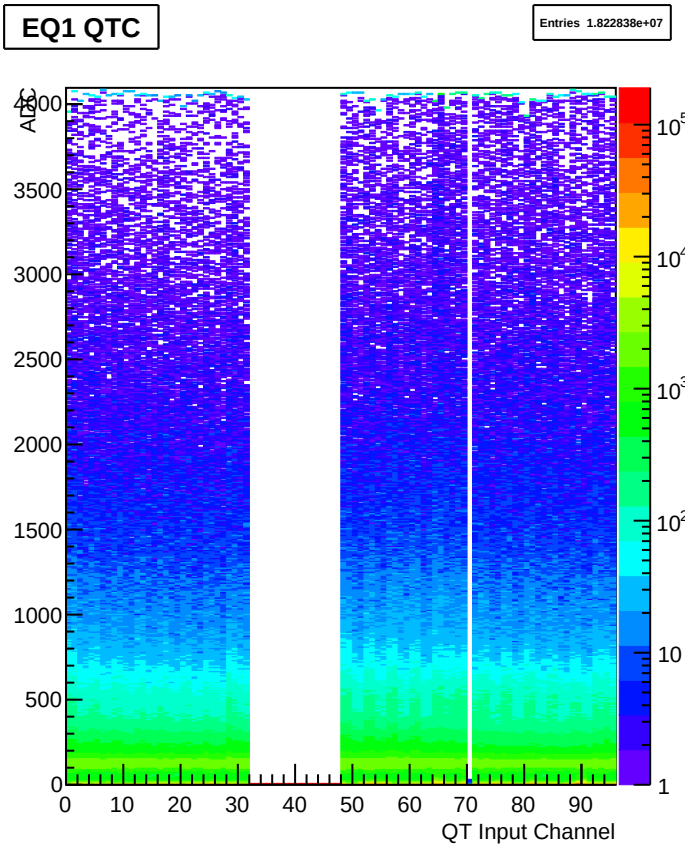

BBQ-VP001 East
Entries 3038064
ADC
QT Input Channel

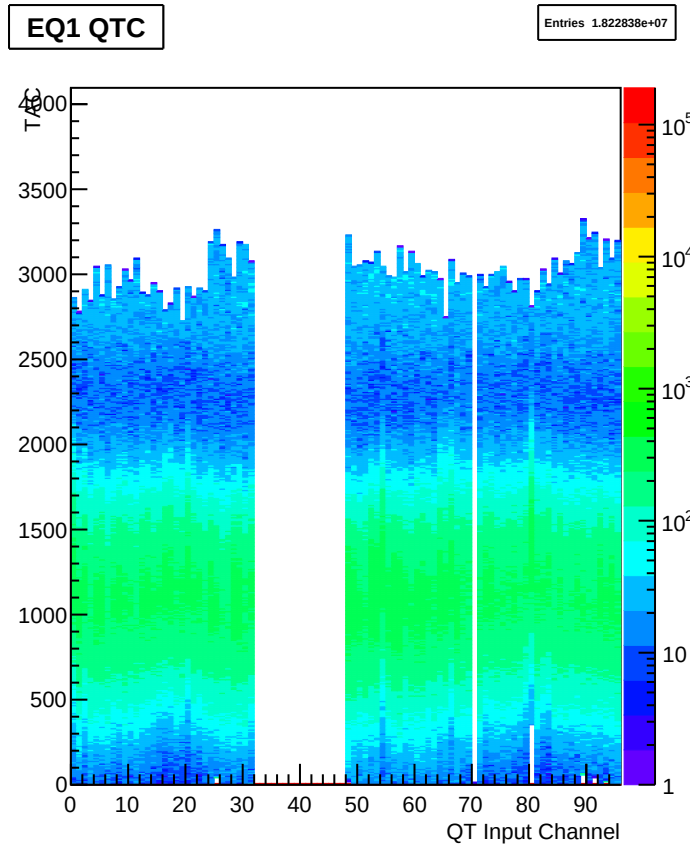

BBQ-VP002 West
Entries 3038064
ADC
QT Input Channel

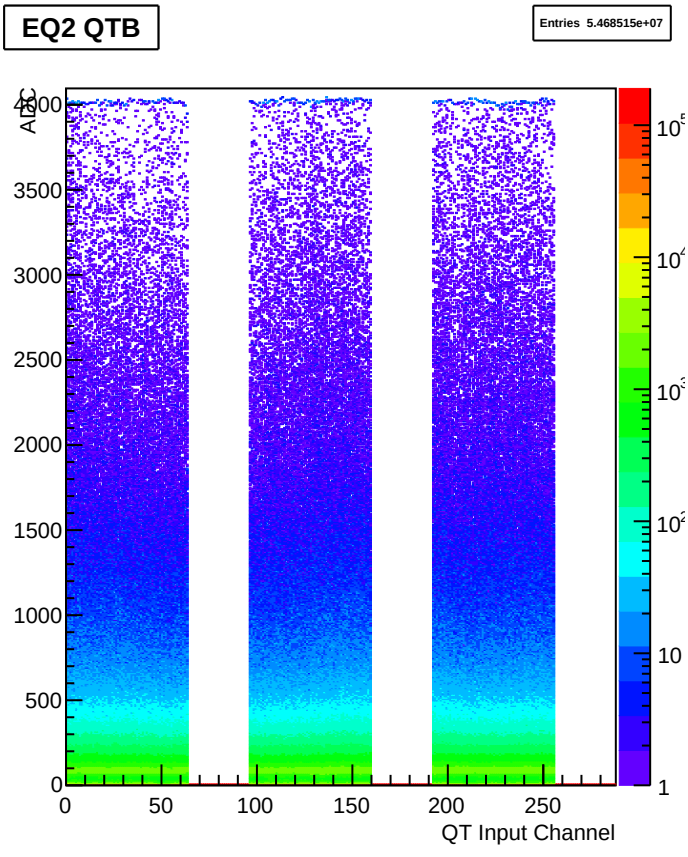

BBQ-VP002 West
Entries 3038064
ADC
QT Input Channel

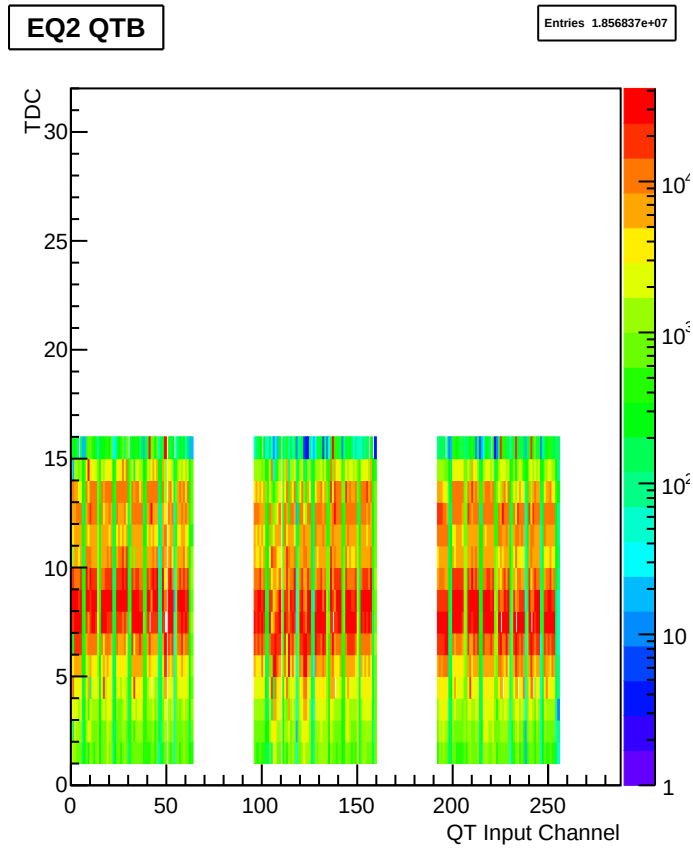

EQ1 QTB
Entries 5.468515e+07
ADC
QT Input Channel

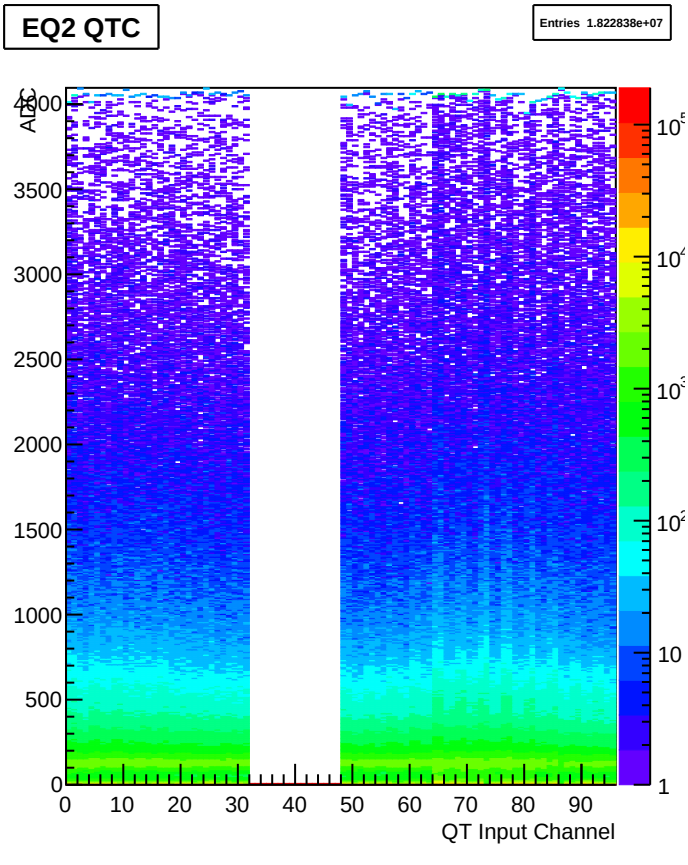

EQ1 QTB
Entries 1.880895e+07
TDC
QT Input Channel

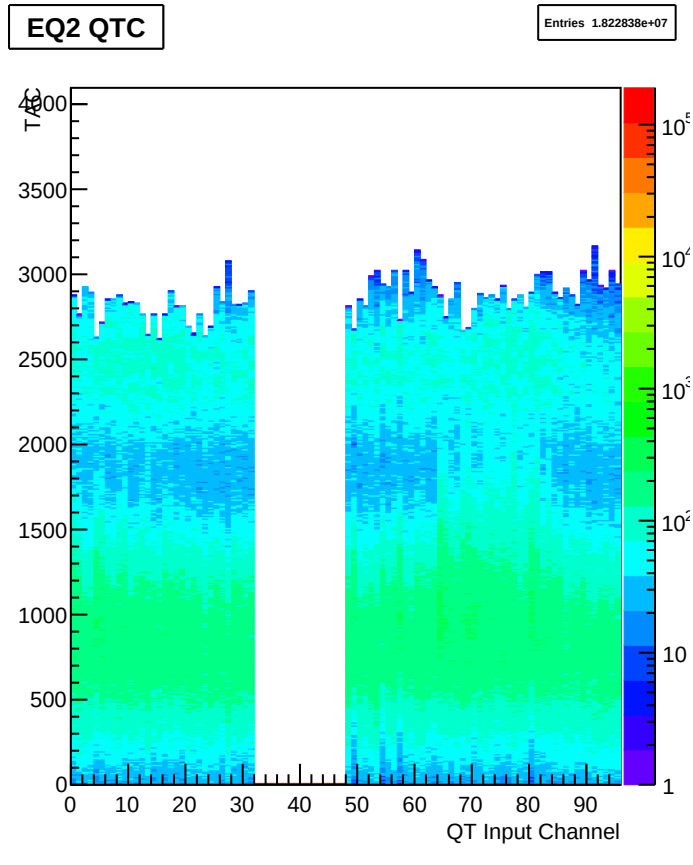

EQ1 QTC
Entries 1.822838e+07
ADC
QT Input Channel

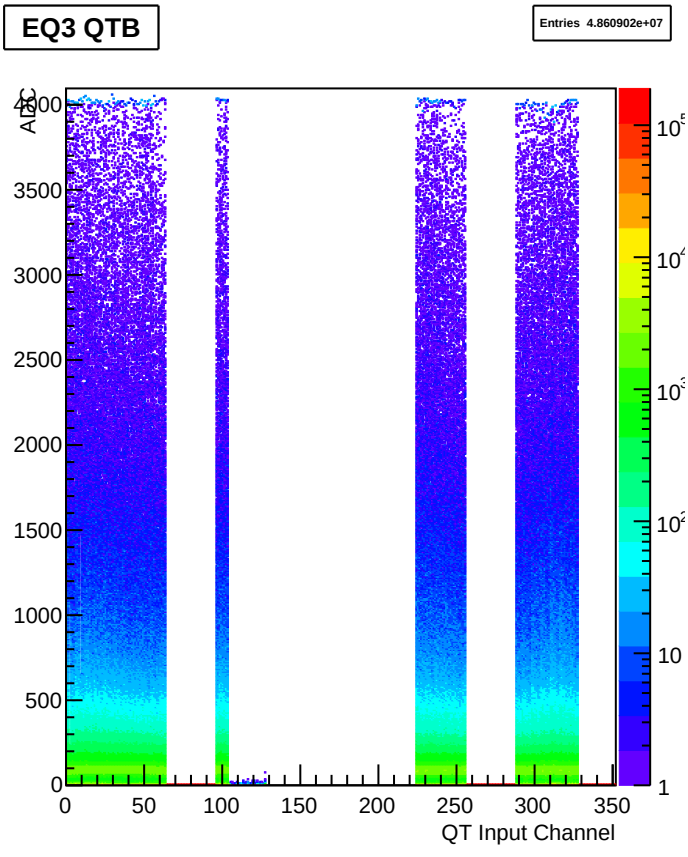

EQ1 QTC
Entries 1.822838e+07
TADC
QT Input Channel

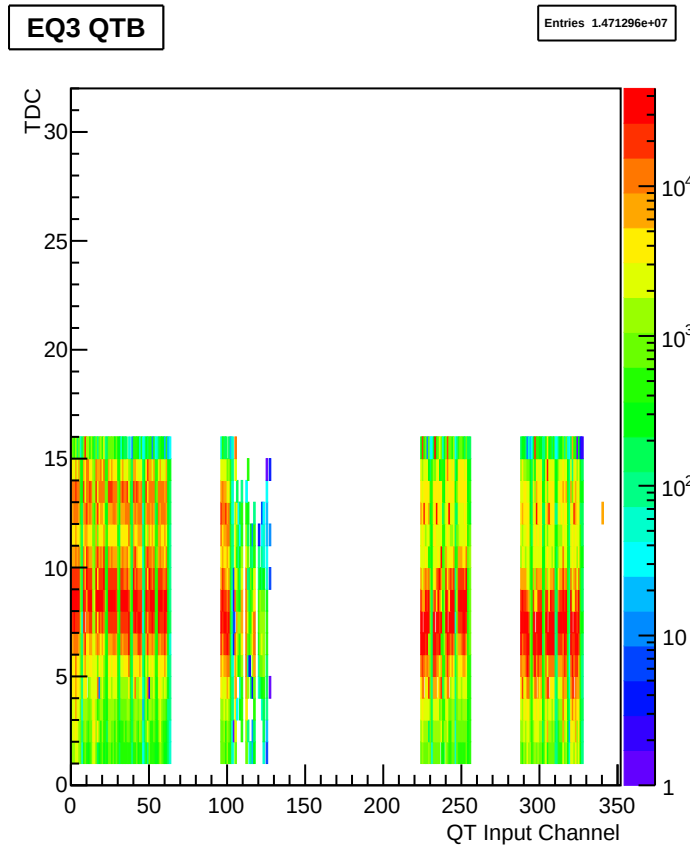

EQ2 QTB
Entries 5.468515e+07
ADC
QT Input Channel

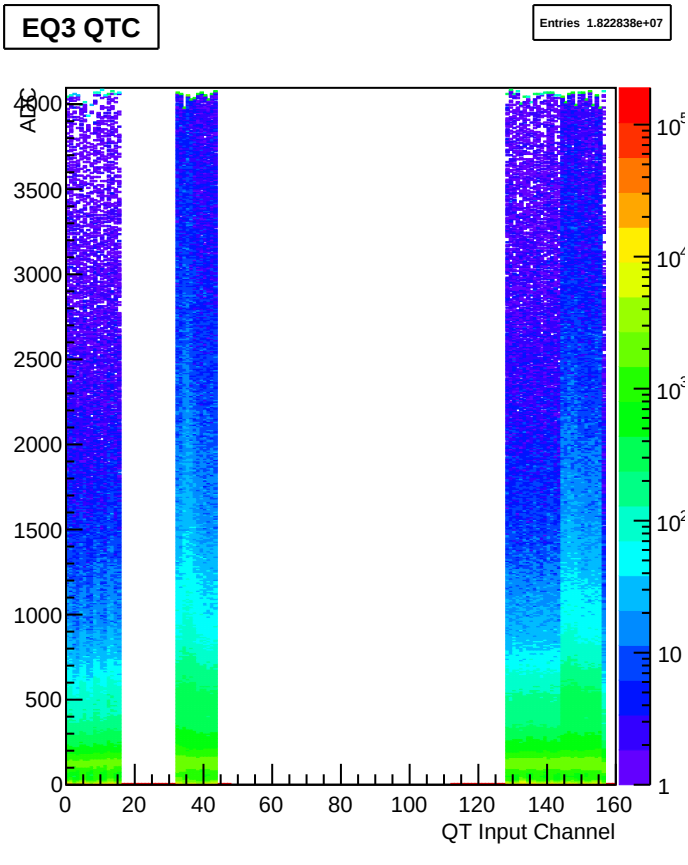

EQ2 QTB
Entries 1.856837e+07
TDC
QT Input Channel

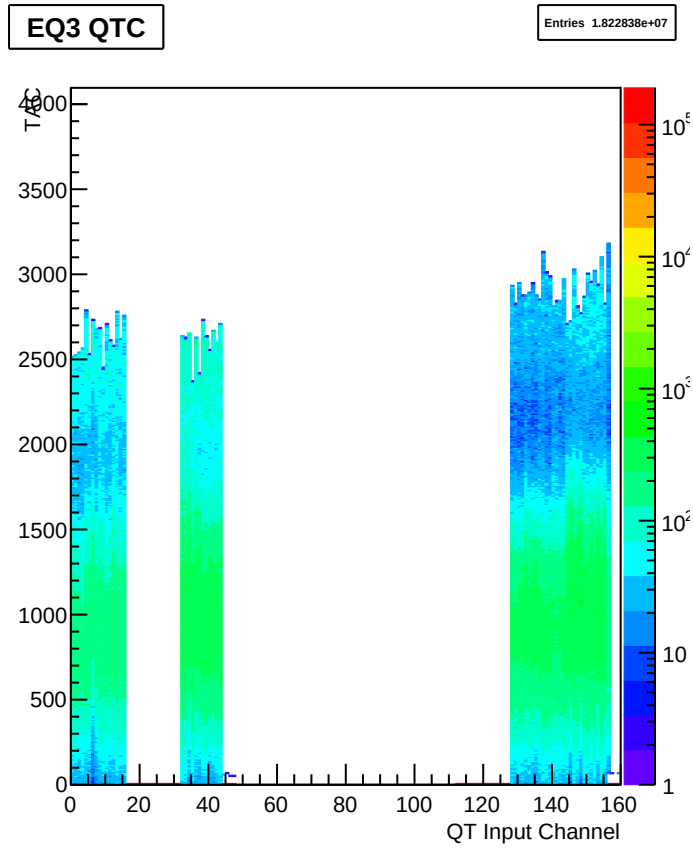

EQ2 QTC
Entries 1.822838e+07
ADC
QT Input Channel

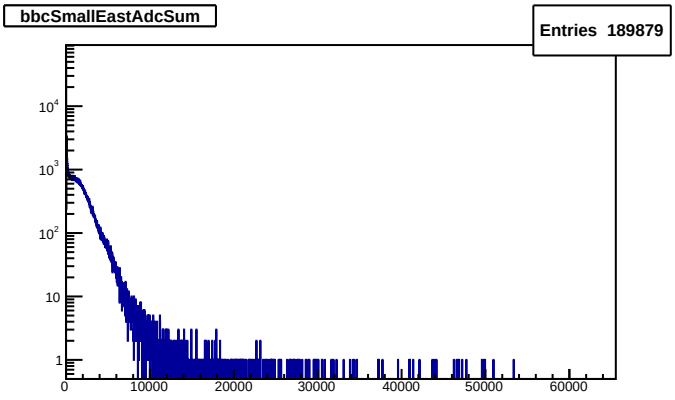

EQ2 QTC
Entries 1.822838e+07
TADC
QT Input Channel

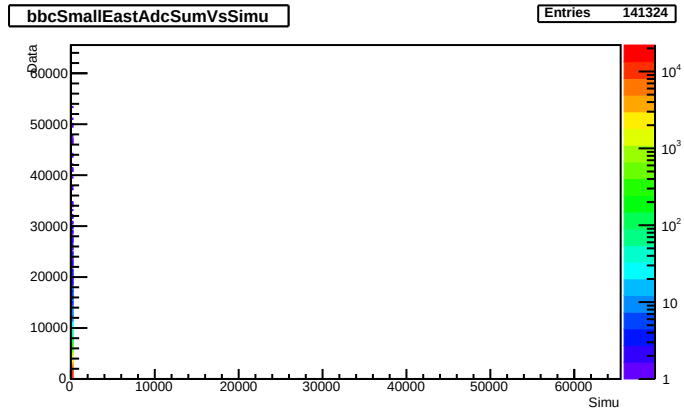

EQ3 QTB
Entries 4.860902e+07
ADC
QT Input Channel

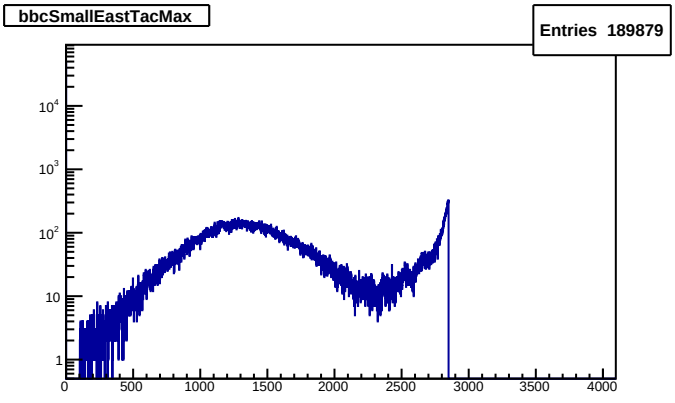

EQ3 QTB
Entries 1.471296e+07
TDC
QT Input Channel

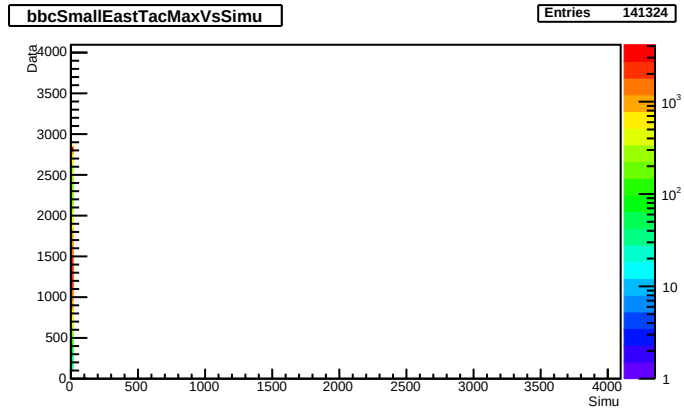

EQ3 QTC
Entries 1.822838e+07
ADC
QT Input Channel

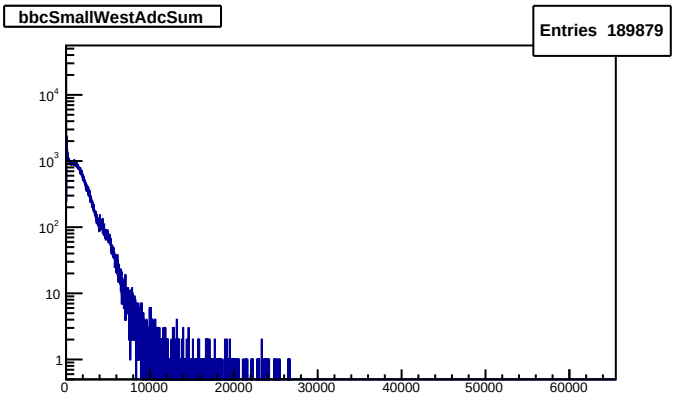

EQ3 QTC
Entries 1.822838e+07
TADC
QT Input Channel

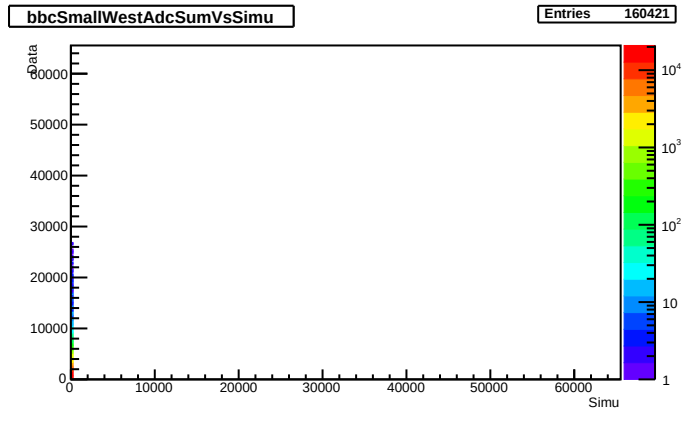

bbcSmallEastAdcSum
Entries 189879

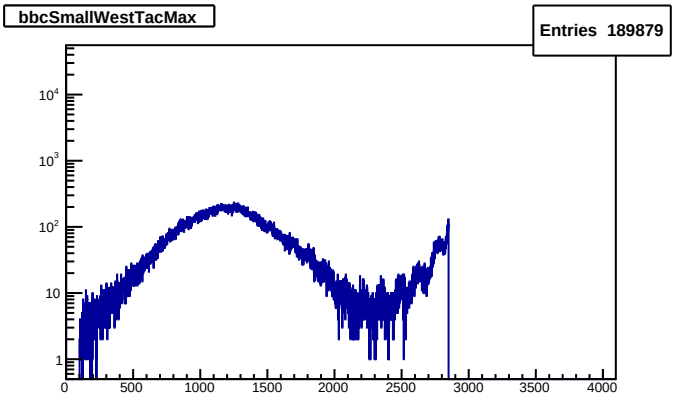

bbcSmallEastAdcSumVsSimu
Entries 141324
Data
Simu

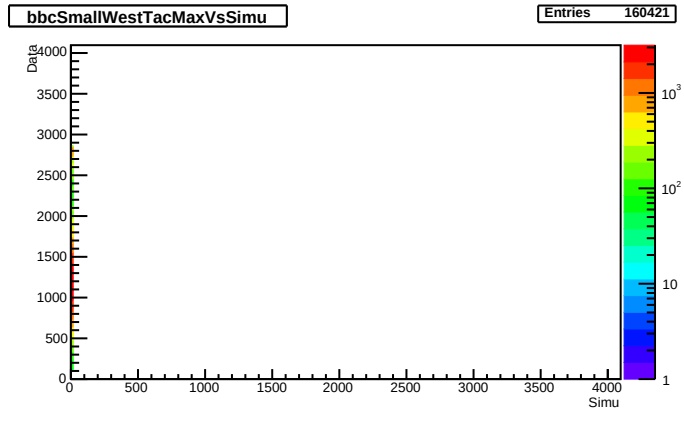

bbcSmallEastTacMax
Entries 189879

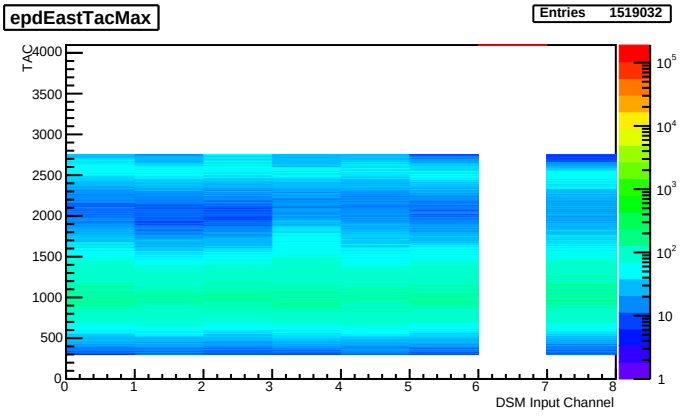

bbcSmallEastTacMaxVsSimu
Entries 141324
Data
Simu

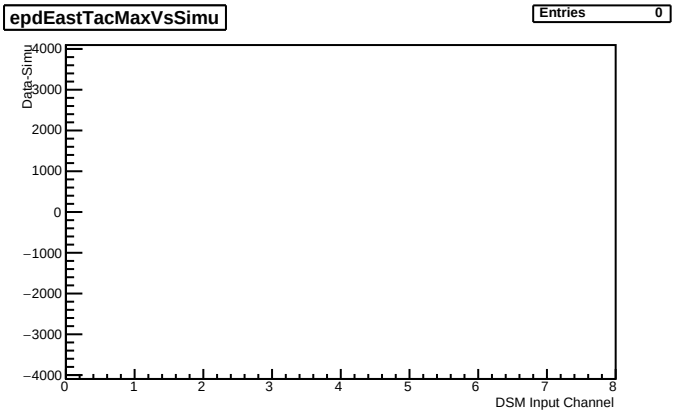

bbcSmallWestAdcSum
Entries 189879

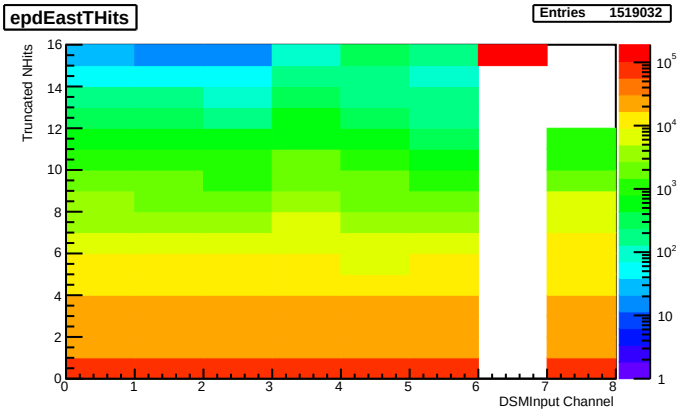

bbcSmallWestAdcSumVsSimu
Entries 160421
Data
Simu

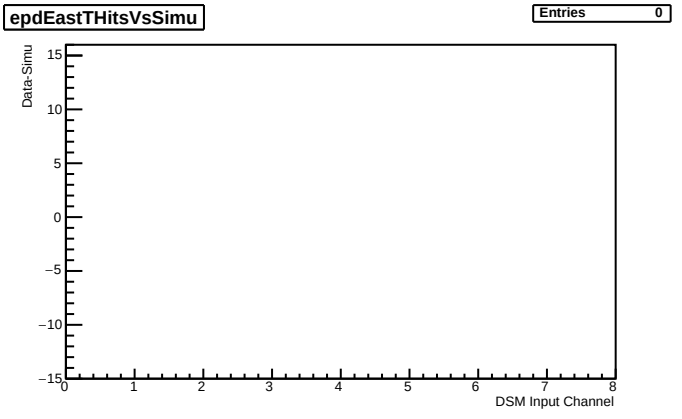

bbcSmallWestTacMax
Entries 189879


bbcSmallWestTacMaxVsSimu
Entries 160421
Data
Simu


epdEastTacMax
Entries 1519032
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1519032
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
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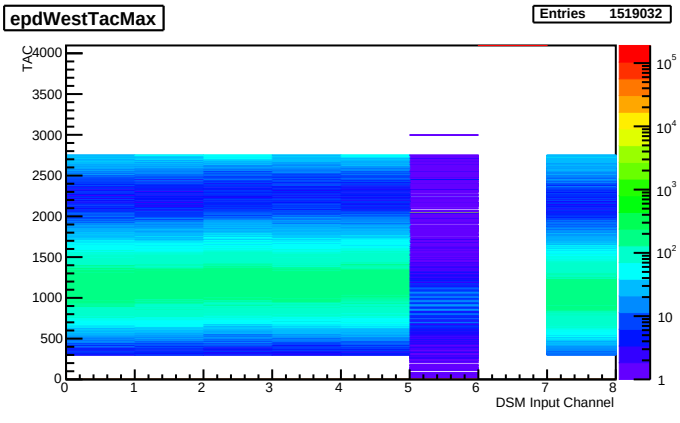
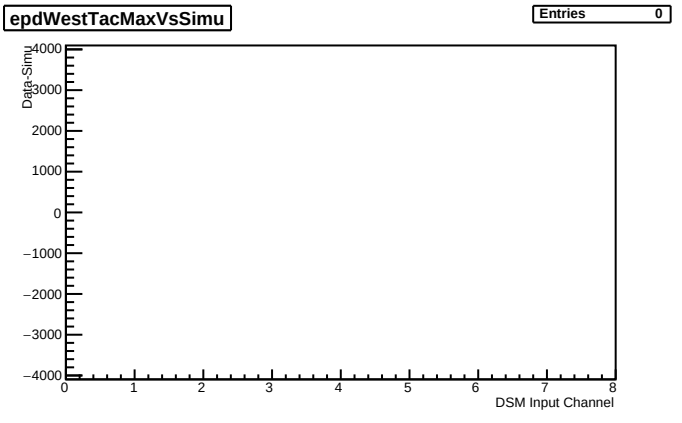
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1519032
TAC
DSM Input Channel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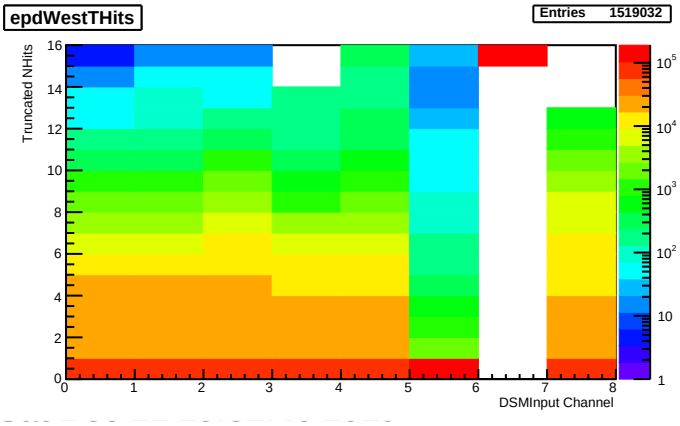
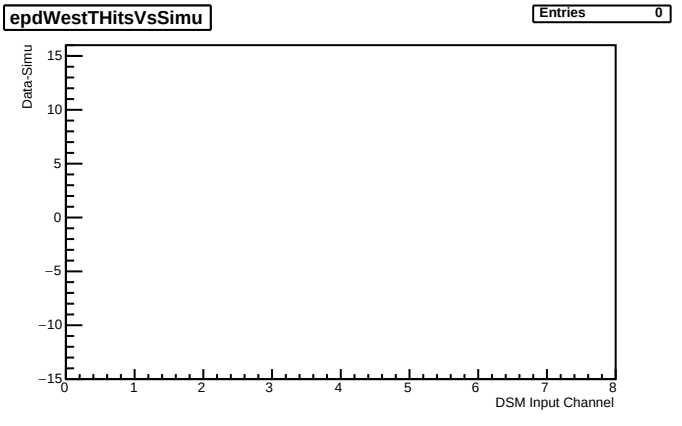
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1519032
Truncated NHits
DSMInput Channel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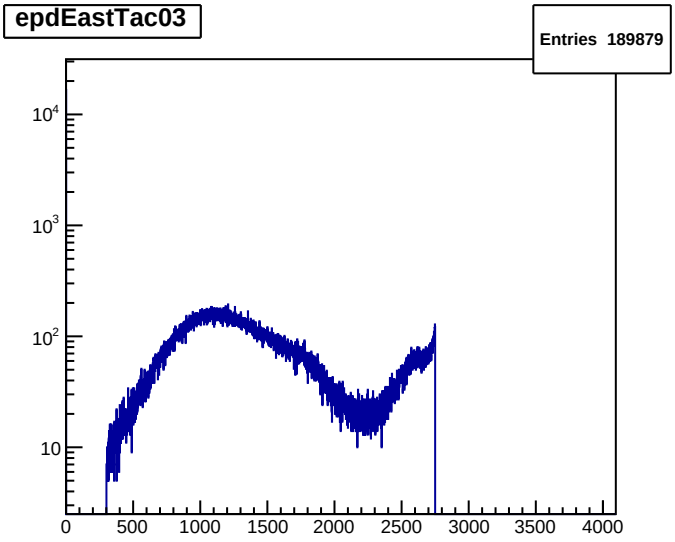
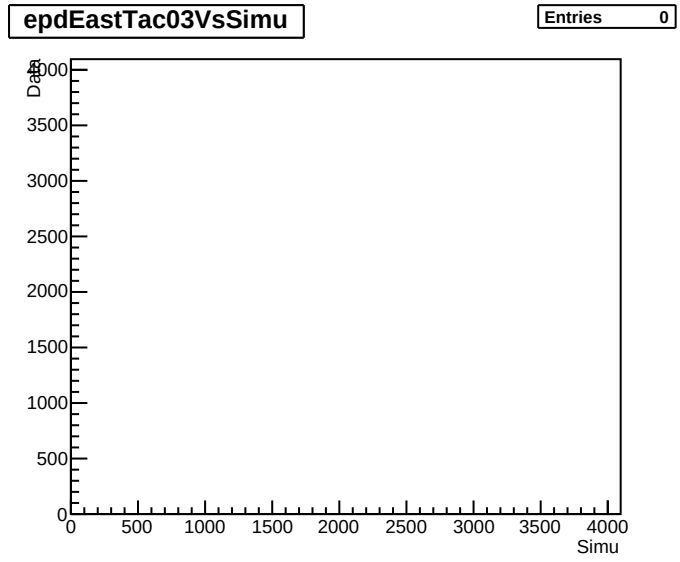
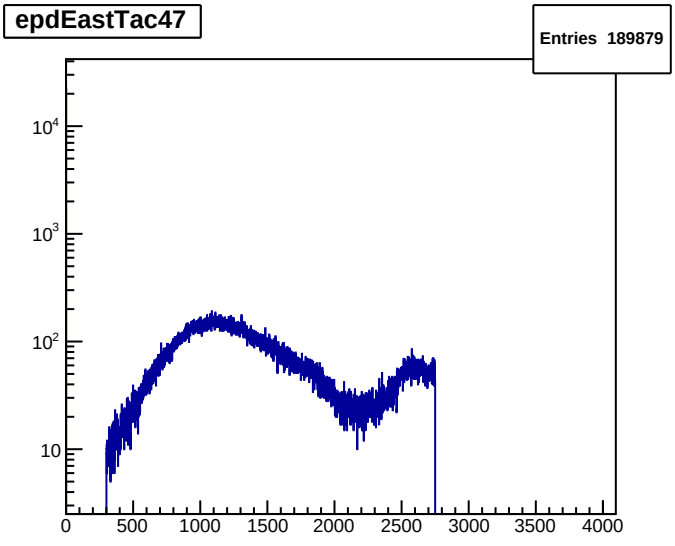
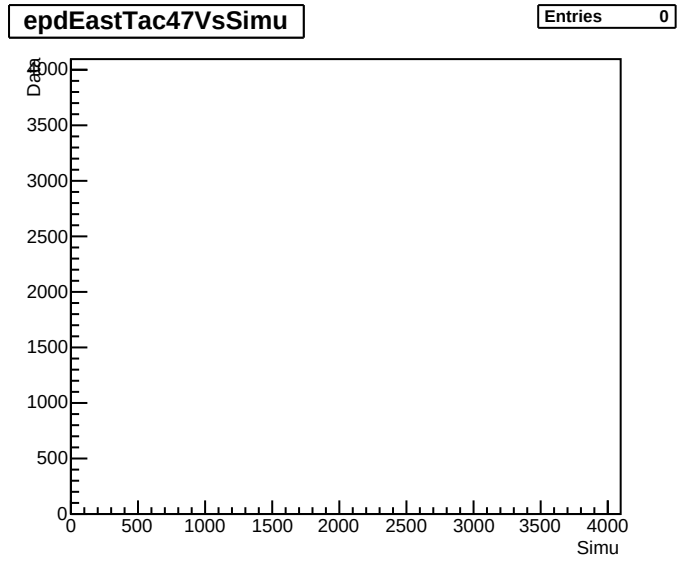
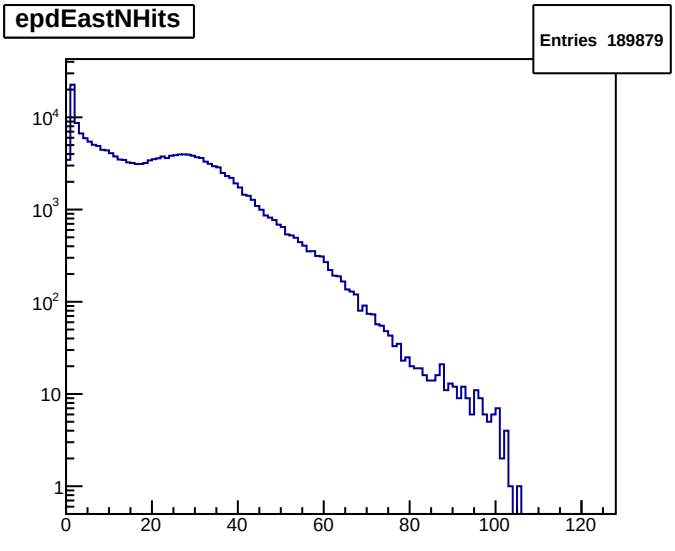
Entries 0
Data-Simu
DSM Input Channel

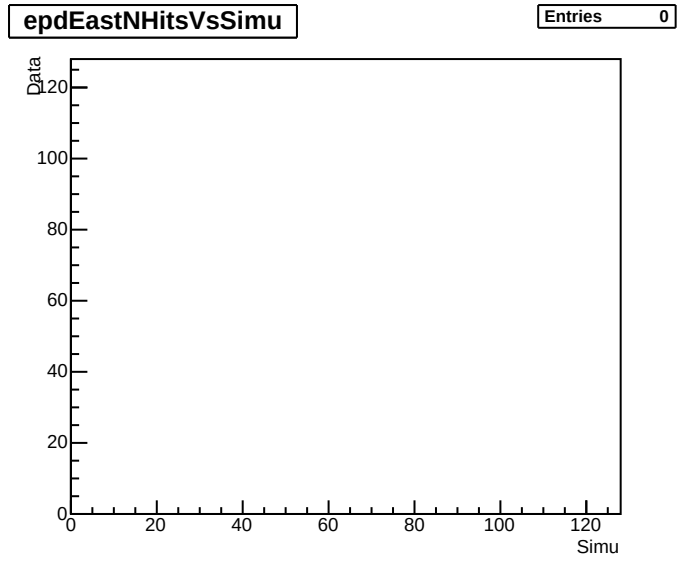

epdEastTac03
Entries 189879

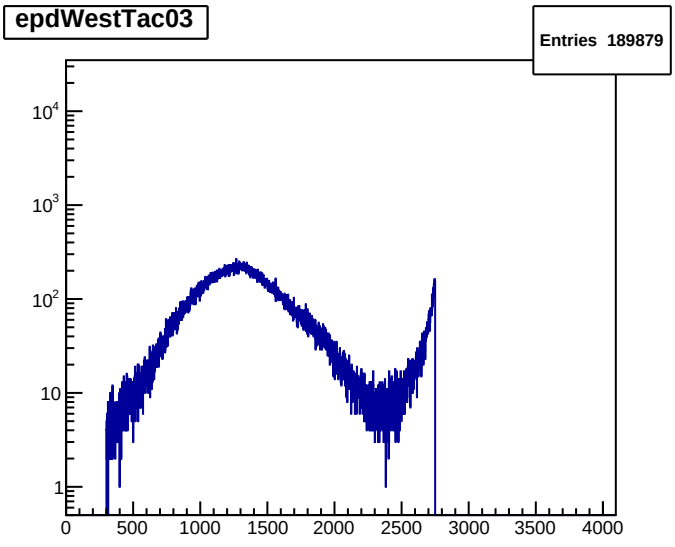

epdEastTac03VsSimu
Entries 0
Data
Simu

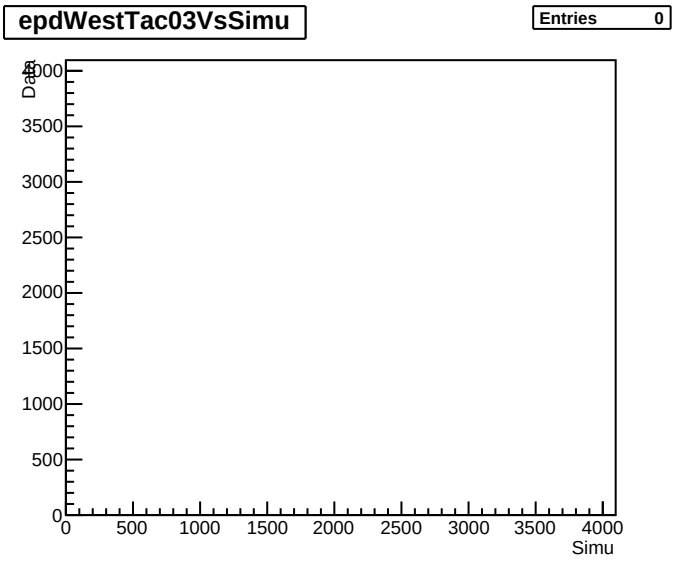

epdEastTac47
Entries 189879


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 189879


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 189879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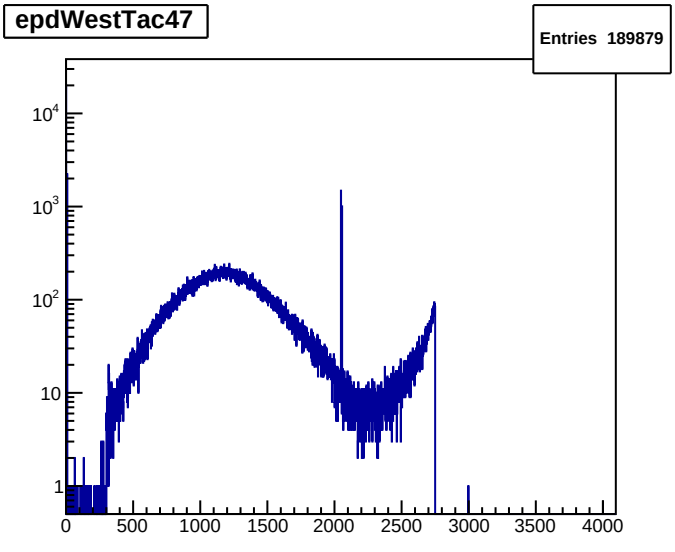
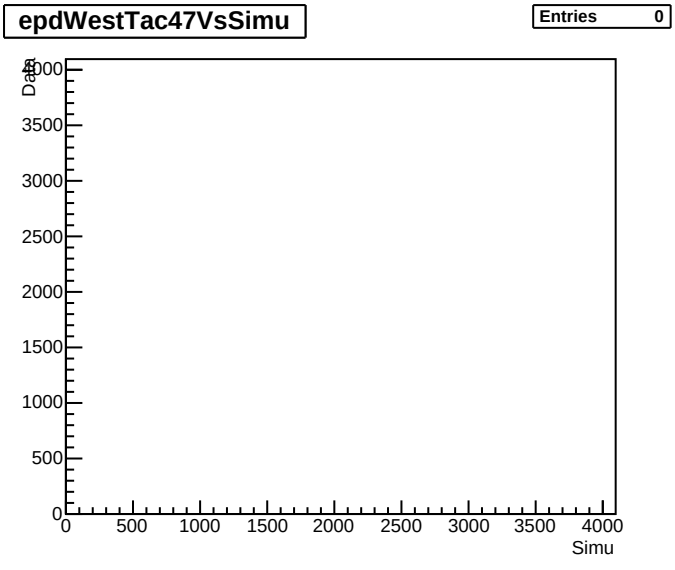
Entries 0
Data
Simu


epdWestTac47
Entries 189879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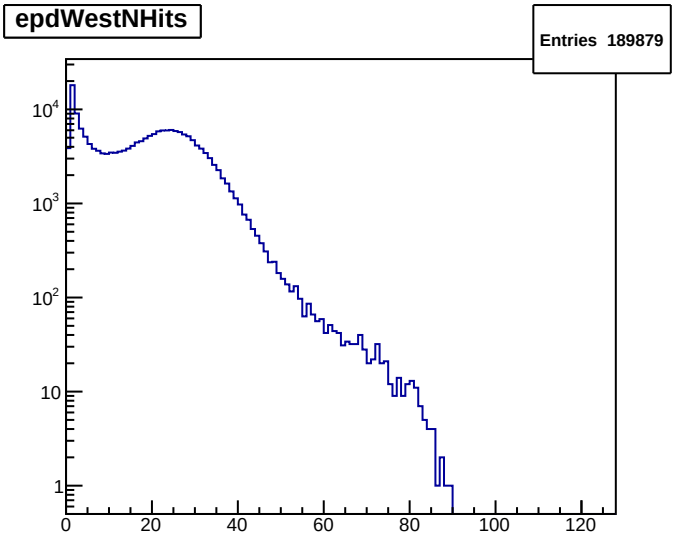
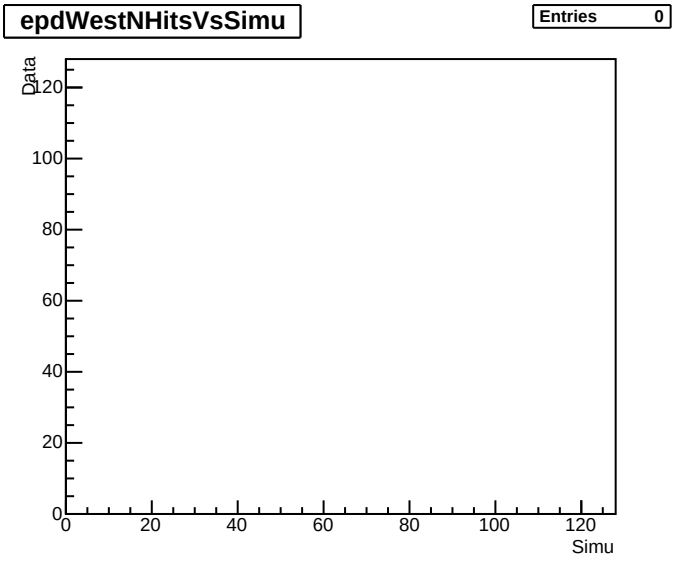
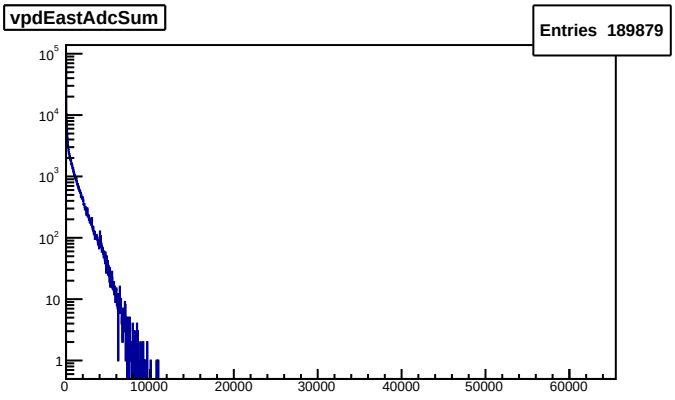
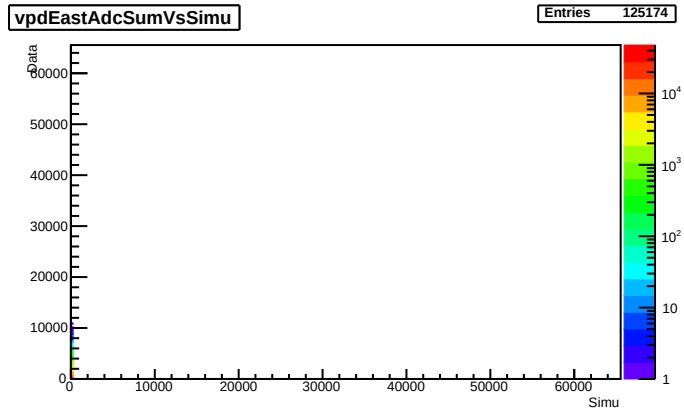
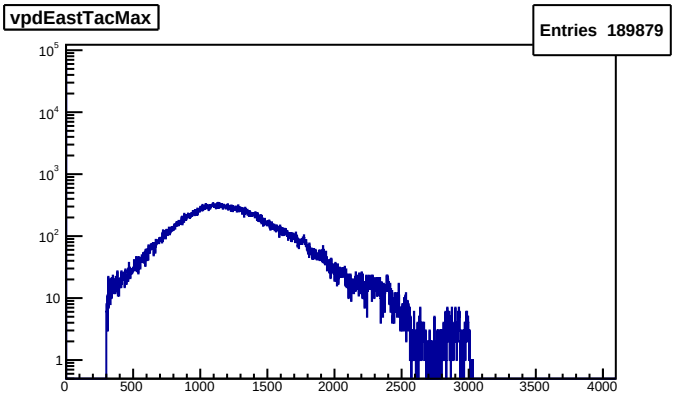
Entries 0
Data
Simu

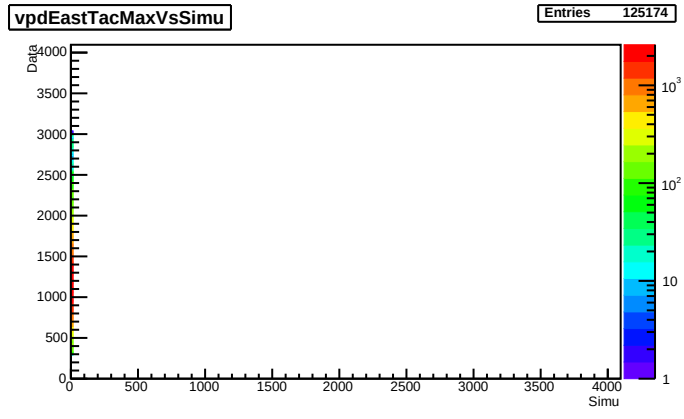

epdWestNHits
Entries 189879

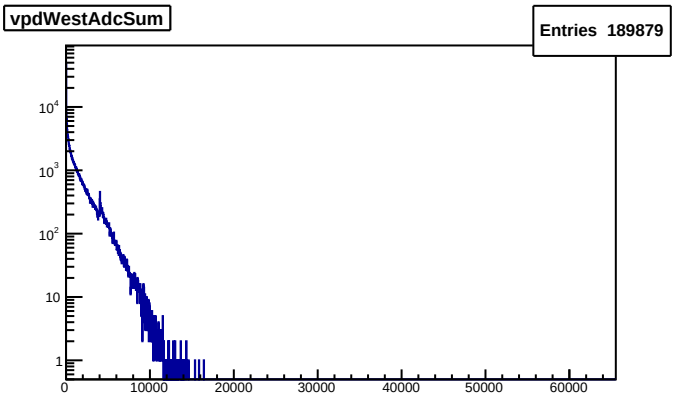

epdWestNHitsVsSimu
Entries 0
Data
Simu

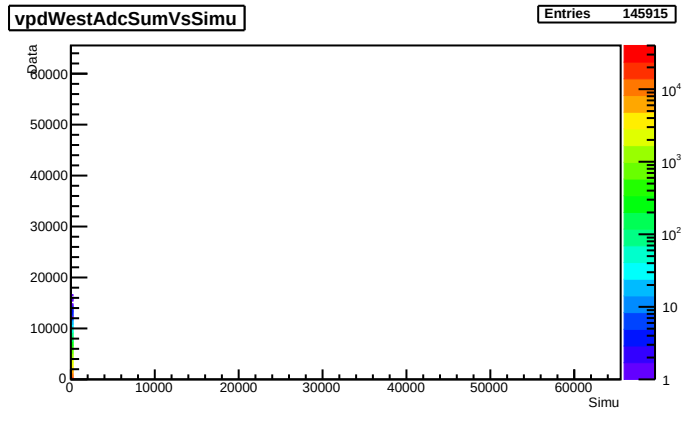

vpdEastAdcSum
Entries 189879

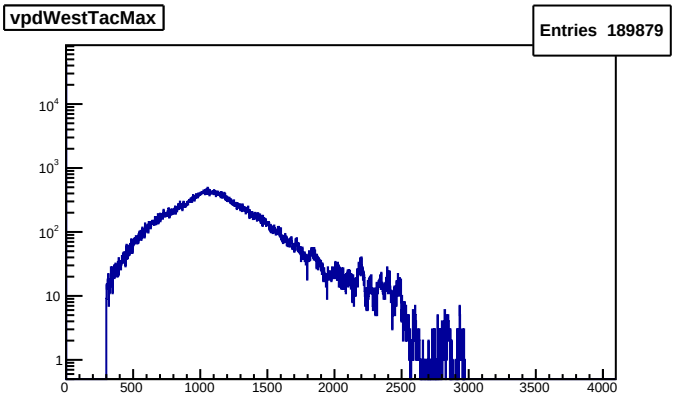

vpdEastAdcSumVsSimu
Entries 125174
Data
Simu

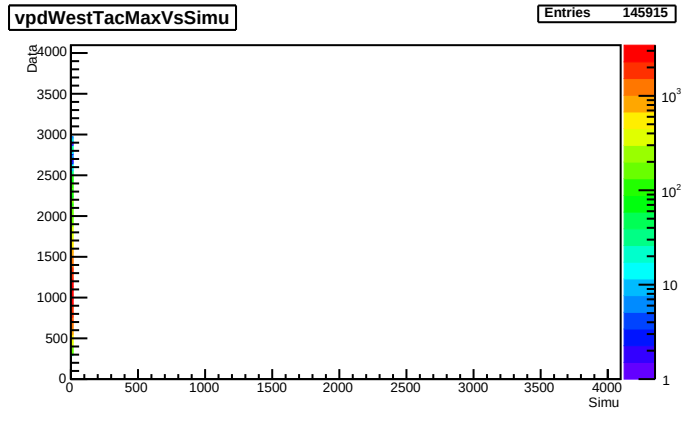

vpdEastTacMax
Entries 189879

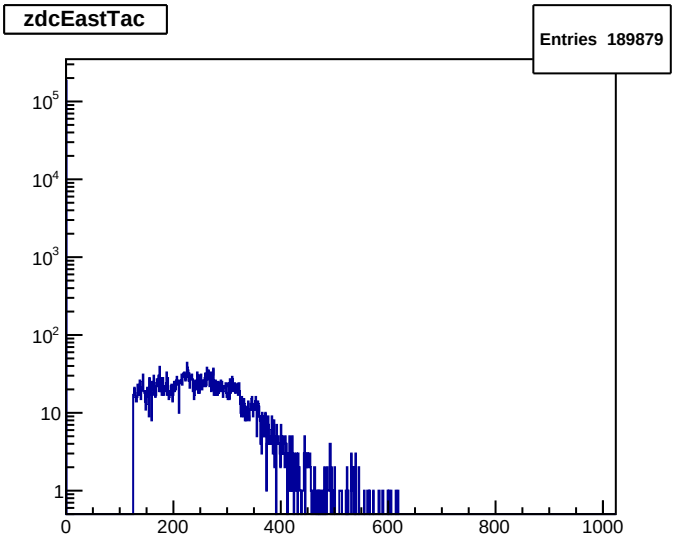

vpdEastTacMaxVsSimu
Entries 125174
Data
Simu

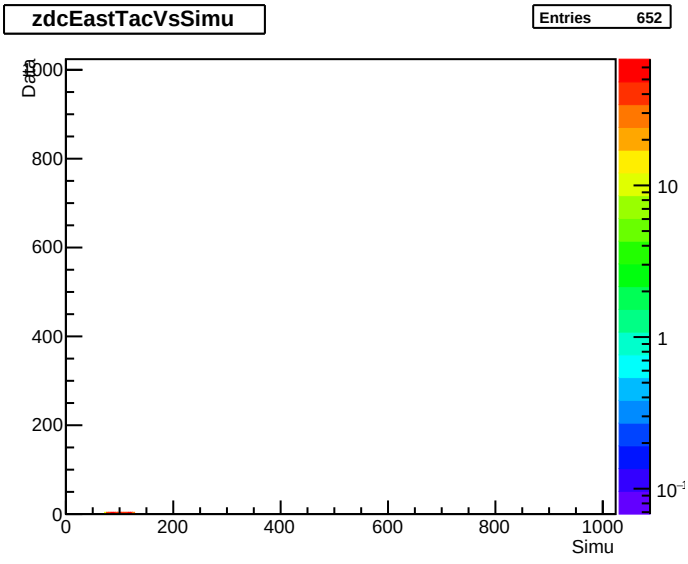

vpdWestAdcSum
Entries 189879

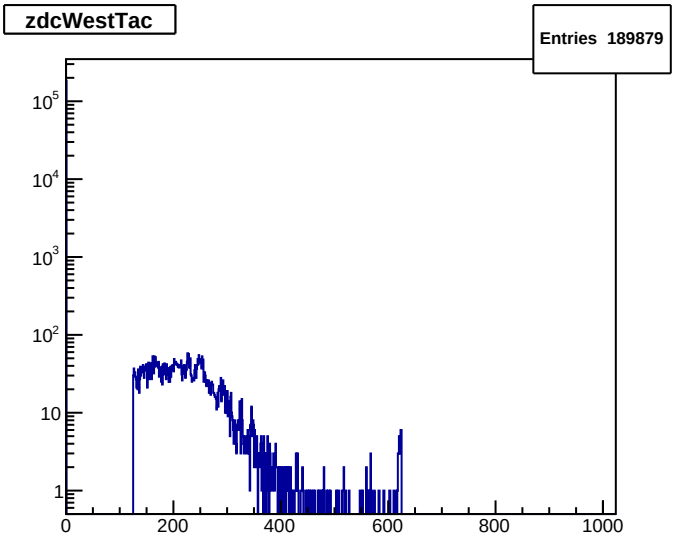

vpdWestAdcSumVsSimu
Entries 145915
Data
Simu

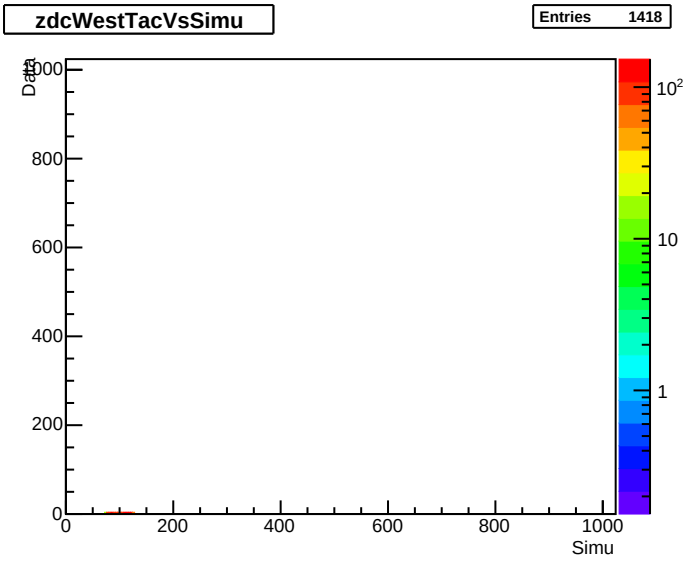

vpdWestTacMax
Entries 189879

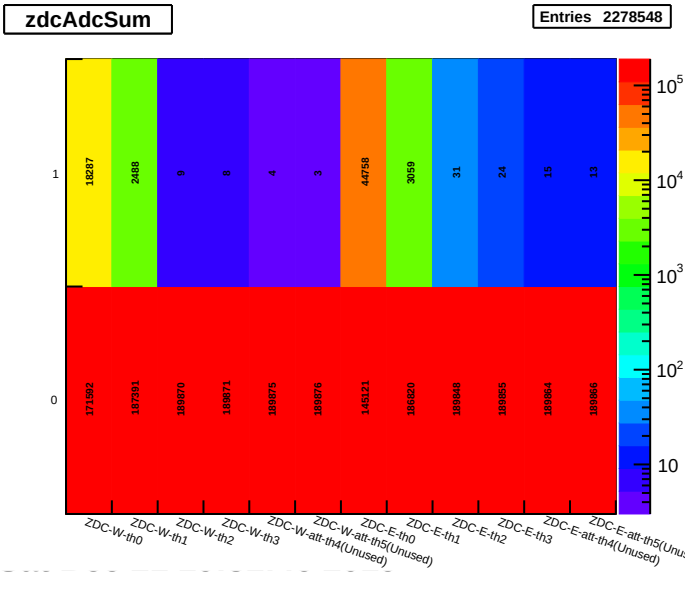

vpdWestTacMaxVsSimu
Entries 145915
Data
Simu

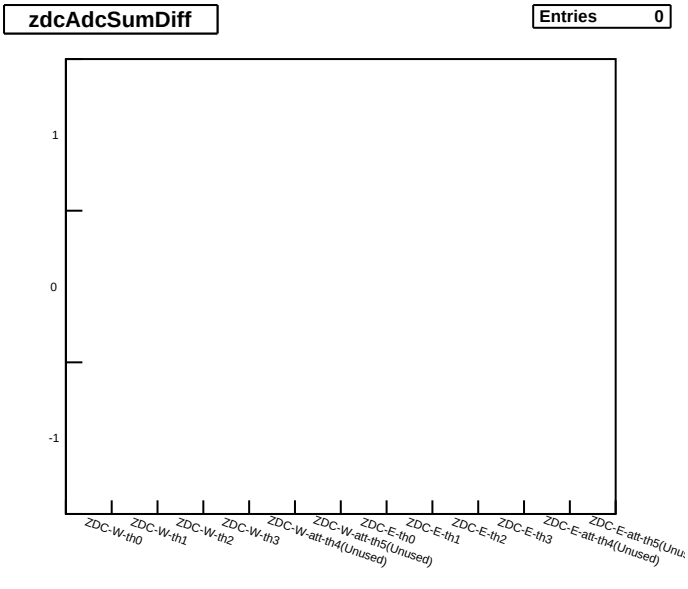

zdcEastTac
Entries 189879

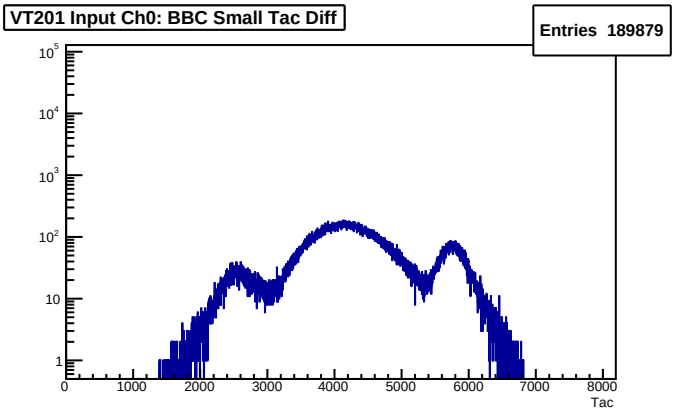

zdcEastTacVsSimu
Entries 652
Data
Simu

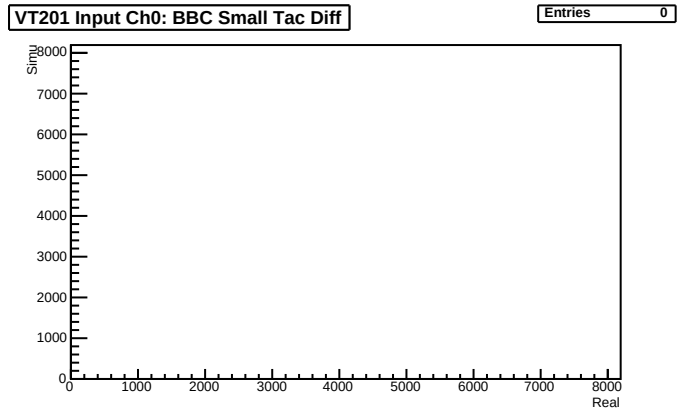

zdcWestTac
Entries 189879

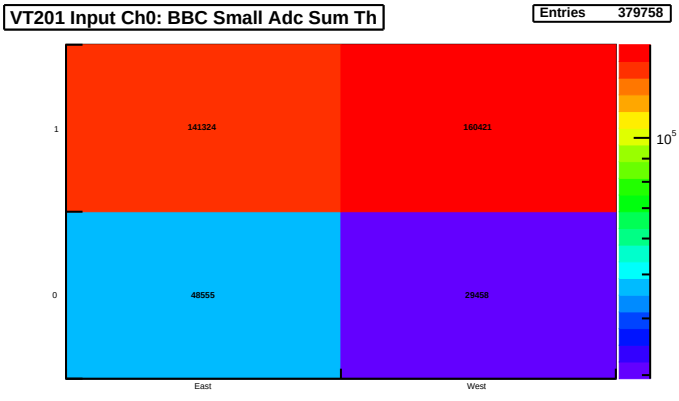

zdcWestTacVsSimu
Entries 1418
Data
Simu

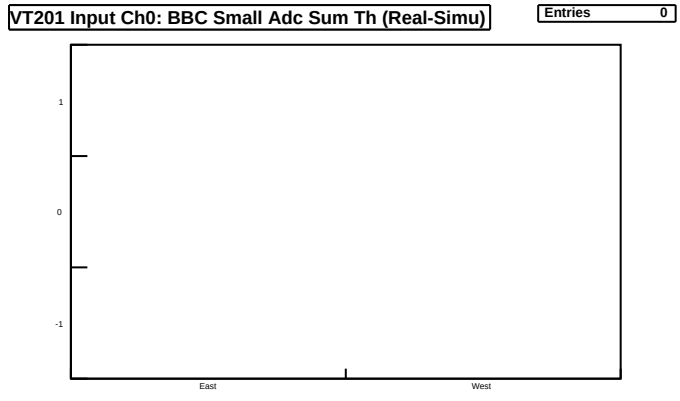

zdcAdcSum
Entries 2278548
18287
2488
9
8
4
3
44758
3059
31
24
15
13
171592
187391
189870
189871
189875
189876
145121
186820
189848
189855
189864
189866
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

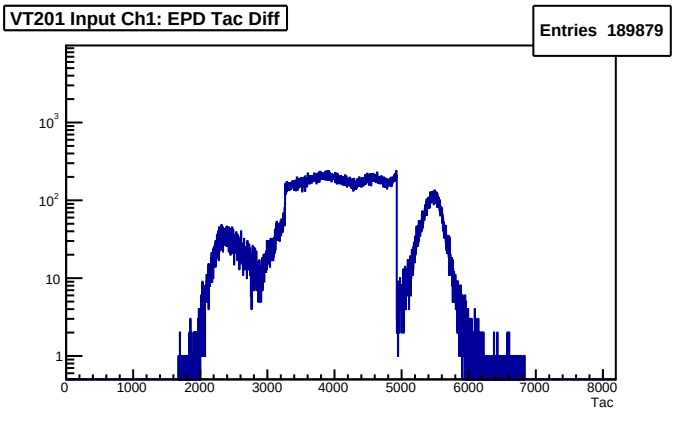

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

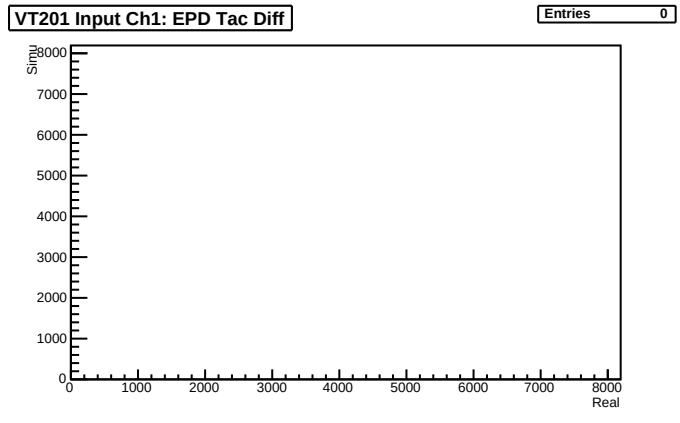

VT201 Input Ch0: BBC Small Tac Diff
Entries 189879
Tac

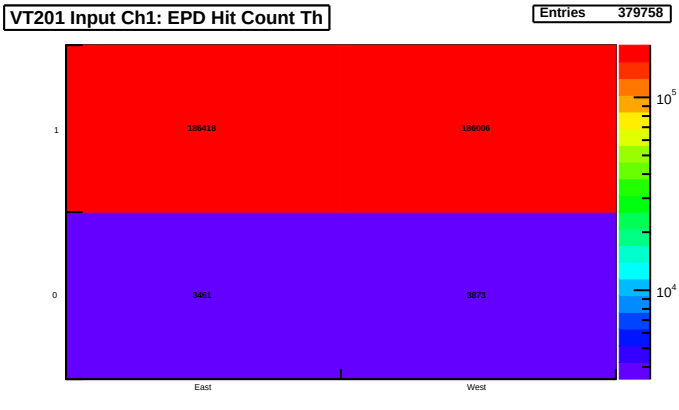

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

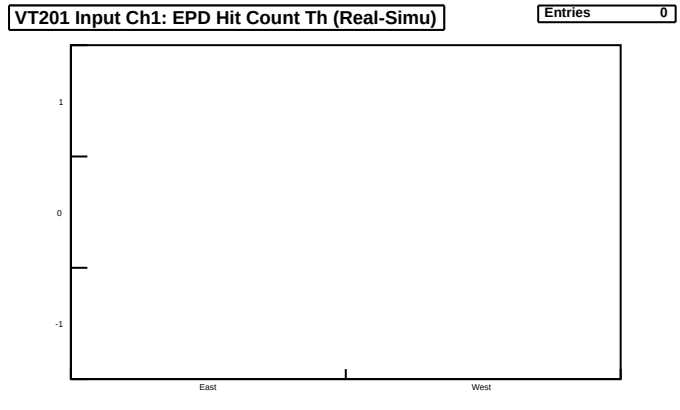

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 379758
141324
160421
48555
29458
East
West

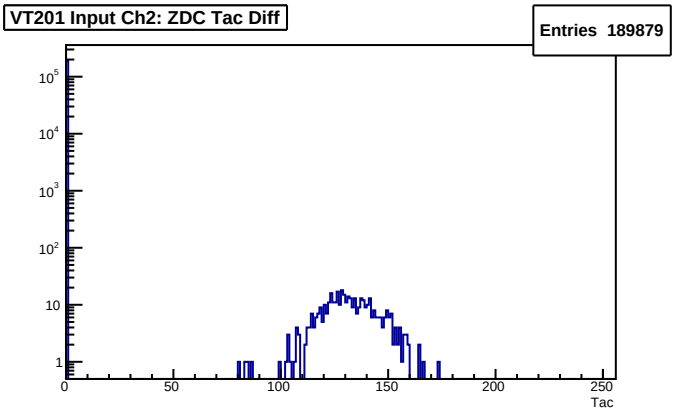

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

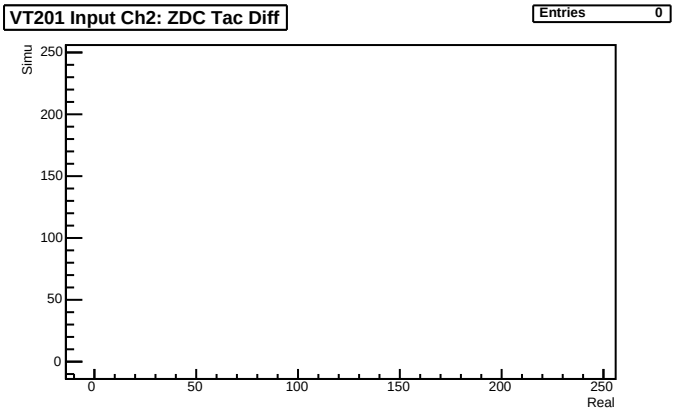

VT201 Input Ch1: EPD Tac Diff
Entries 189879
Tac

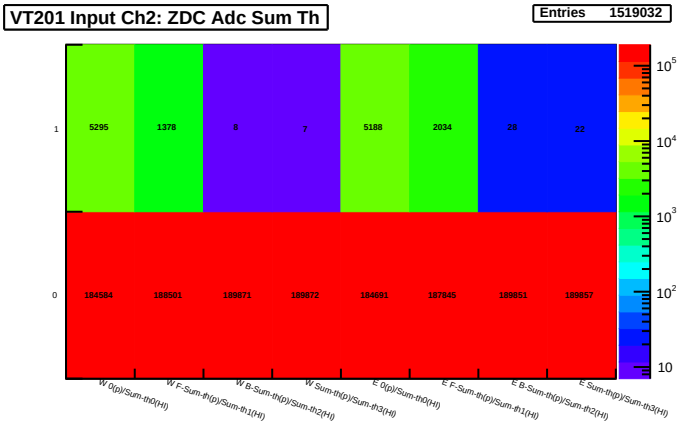

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

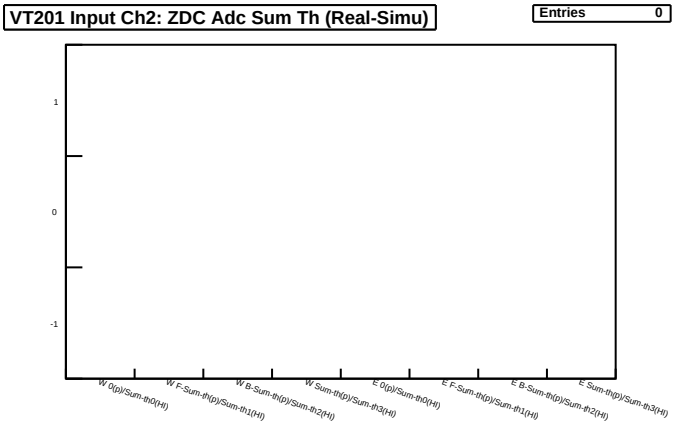

VT201 Input Ch1: EPD Hit Count Th
Entries 379758
186418
186006
3461
3873
East
West

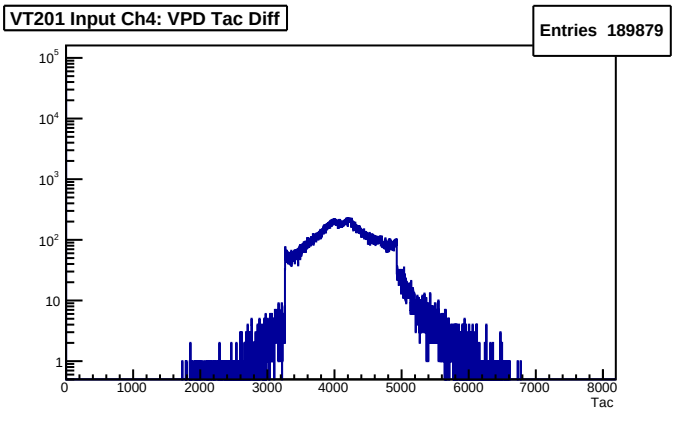

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

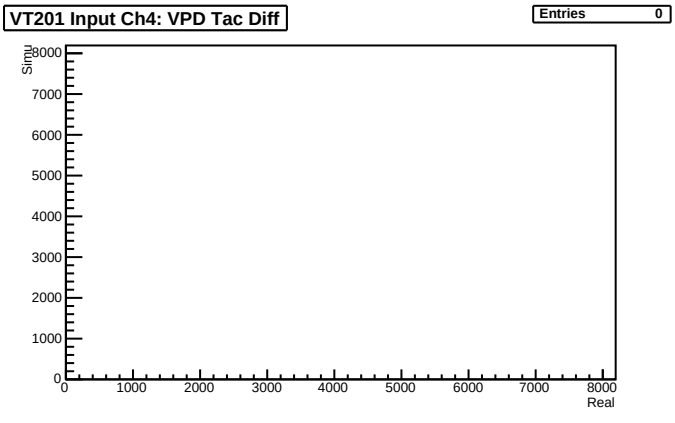

VT201 Input Ch2: ZDC Tac Diff
Entries 189879
Tac

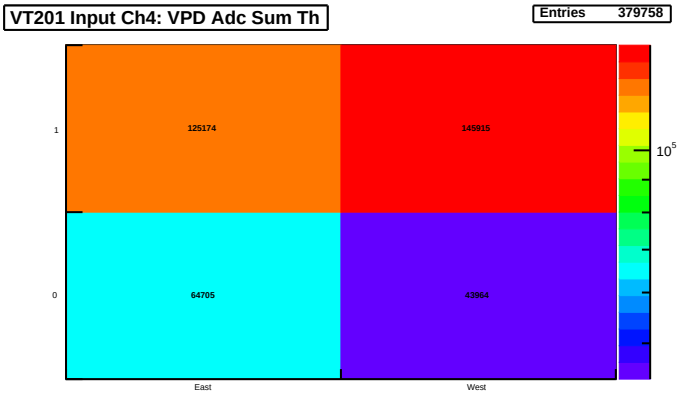

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

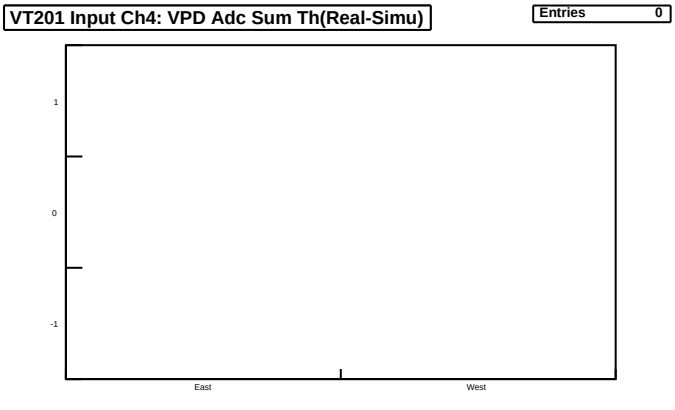

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1519032
5295
1378
8
7
5188
2034
28
22
184584
188501
189871
189872
184691
187845
189851
189857
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

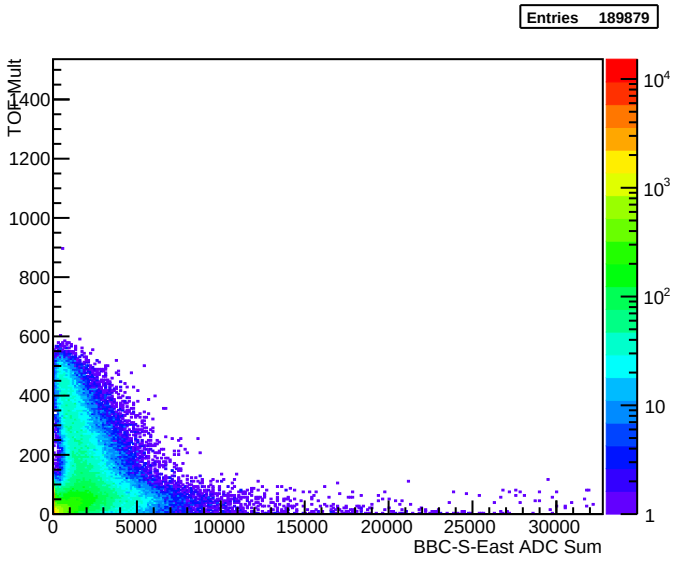

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

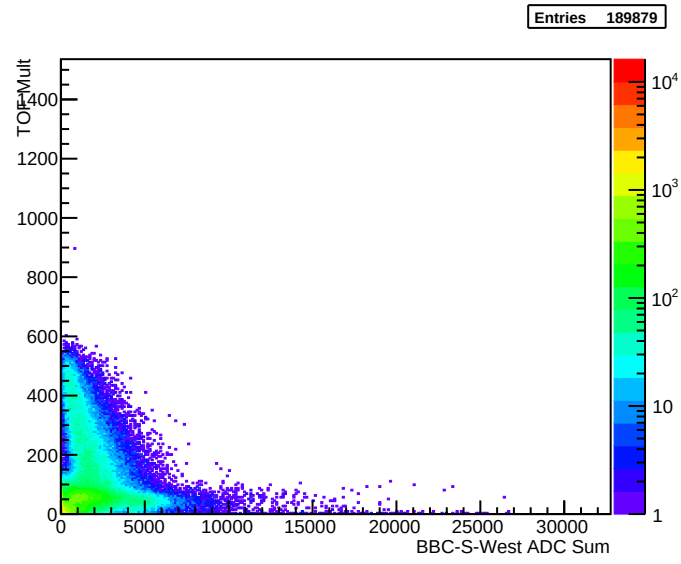

VT201 Input Ch4: VPD Tac Diff
Entries 189879
Tac

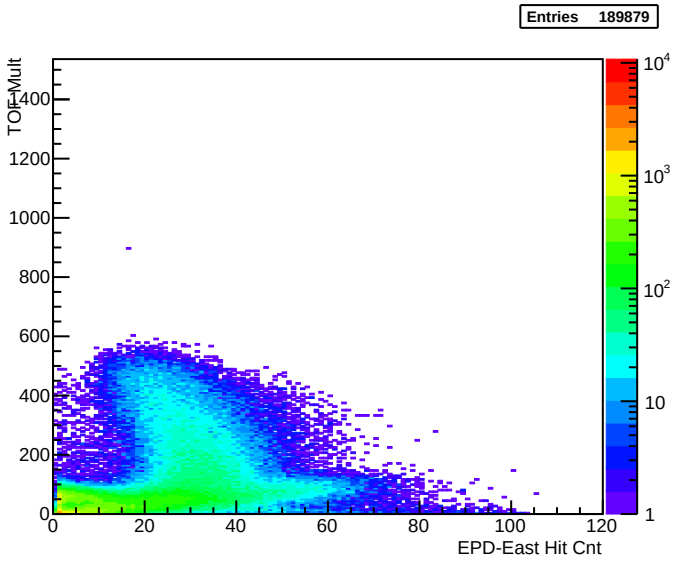

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

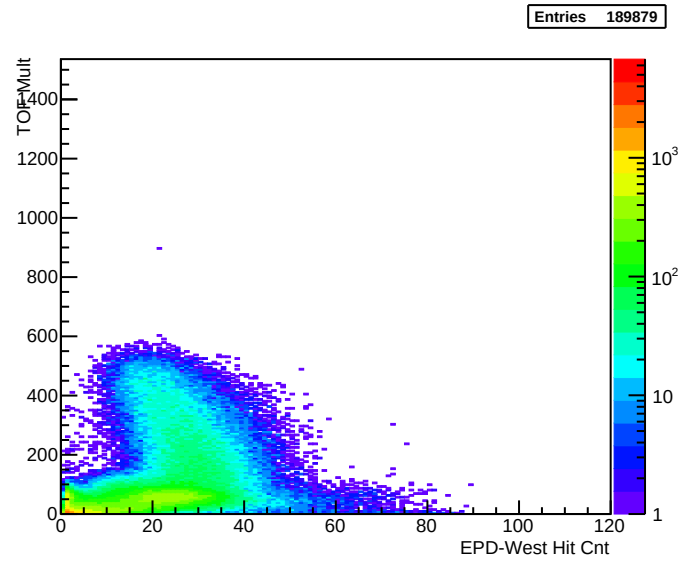

VT201 Input Ch4: VPD Adc Sum Th
Entries 379758
125174
145915
64705
43964
East
West

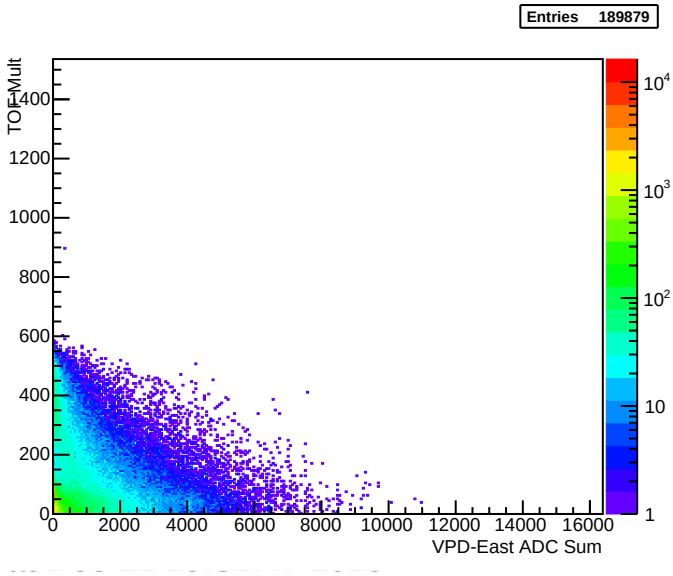

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

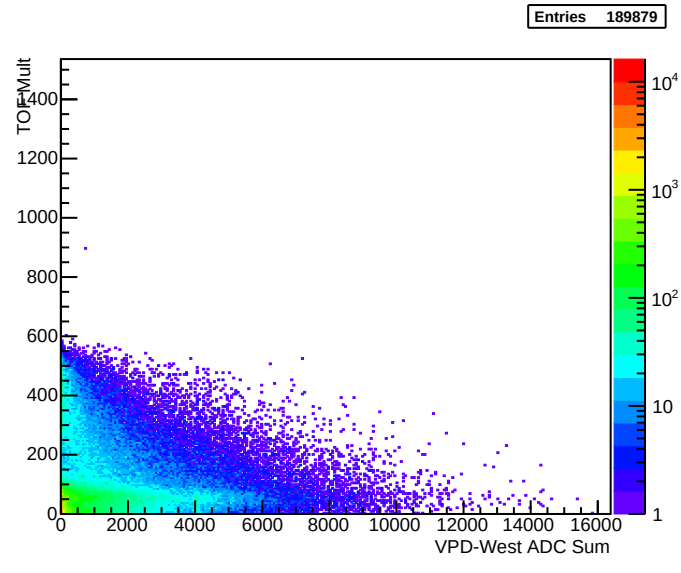

Entries 189879
TOF-Mult
BBC-S-East ADC Sum

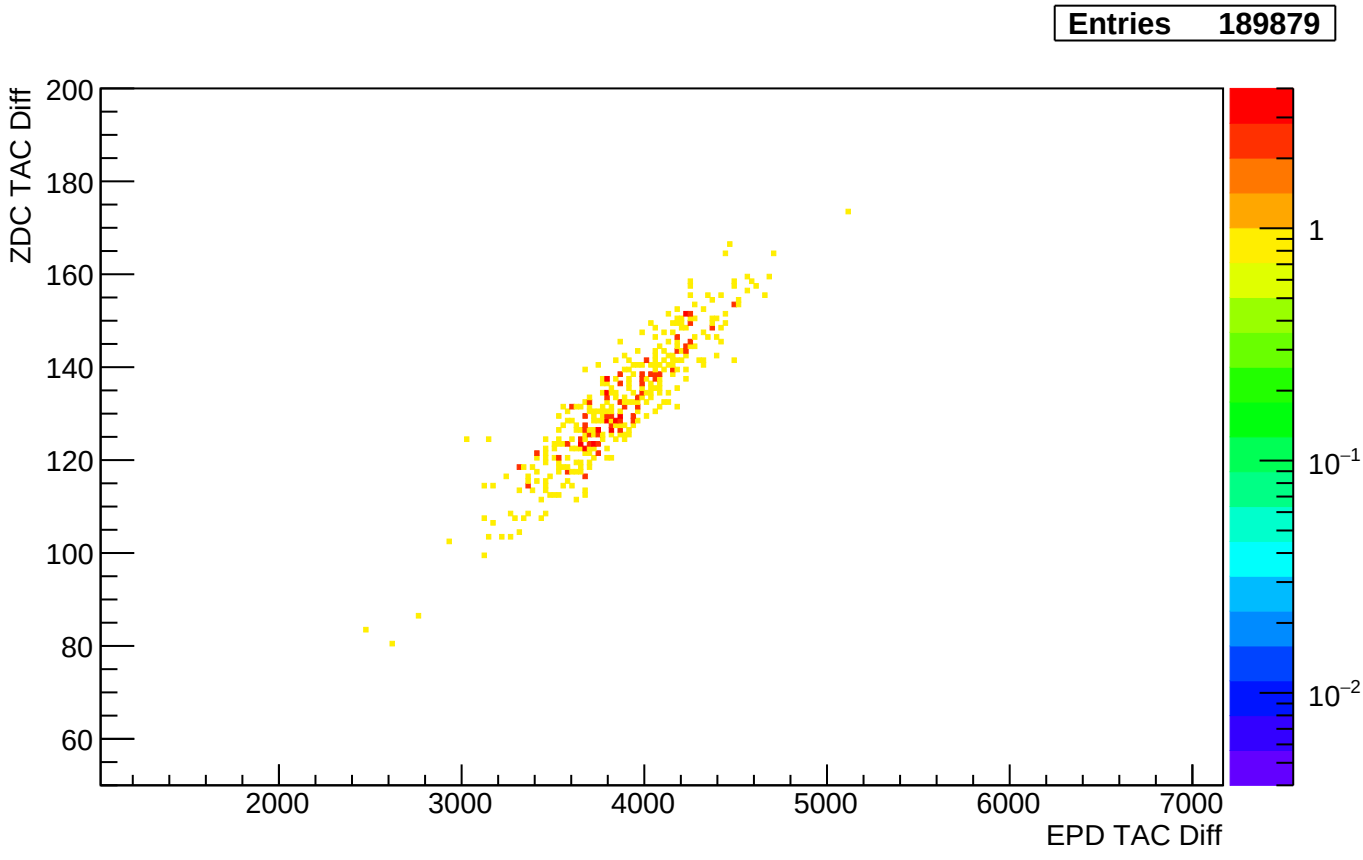

Entries 189879
TOF-Mult
BBC-S-West ADC Sum

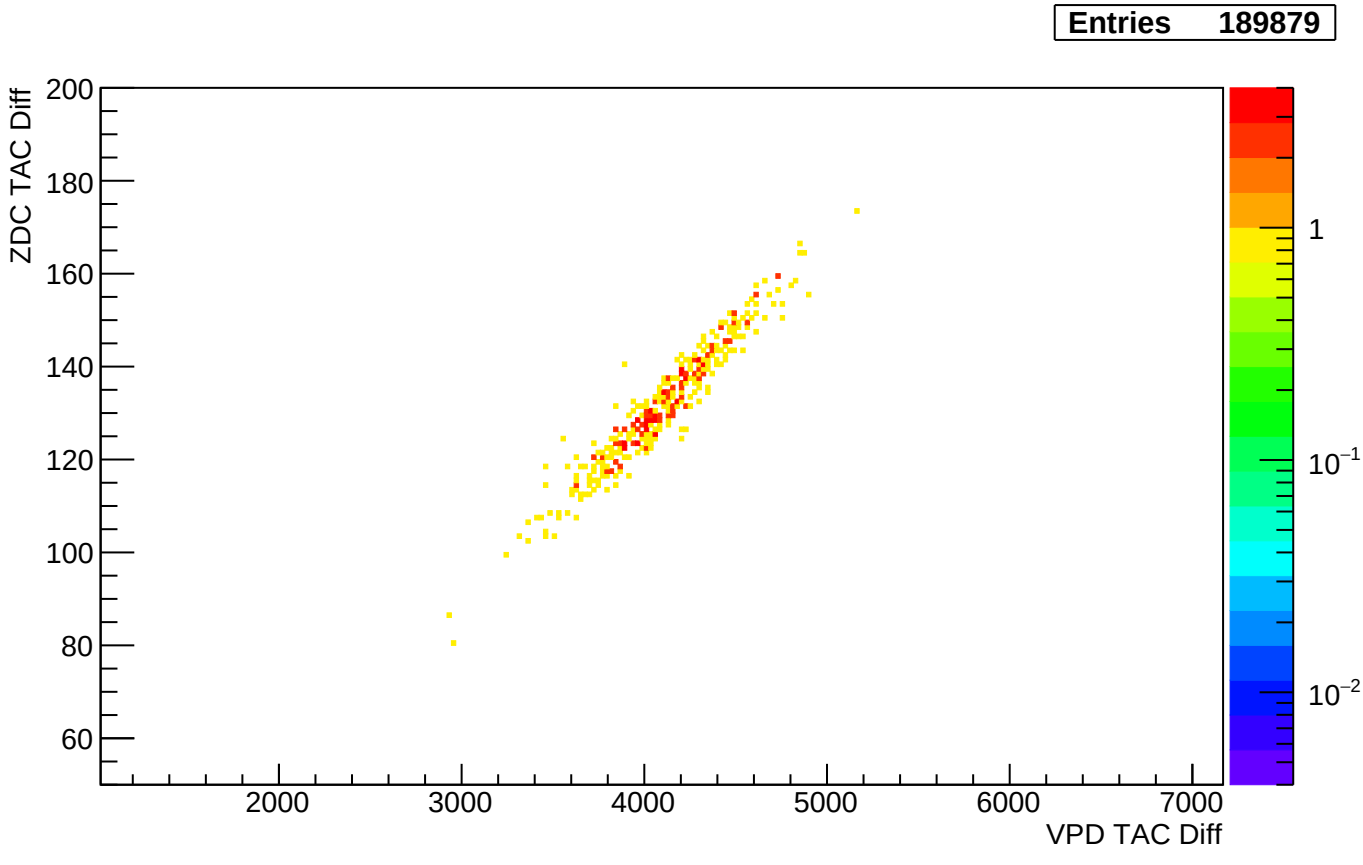

Entries 189879
TOF-Mult
EPD-East Hit Cnt

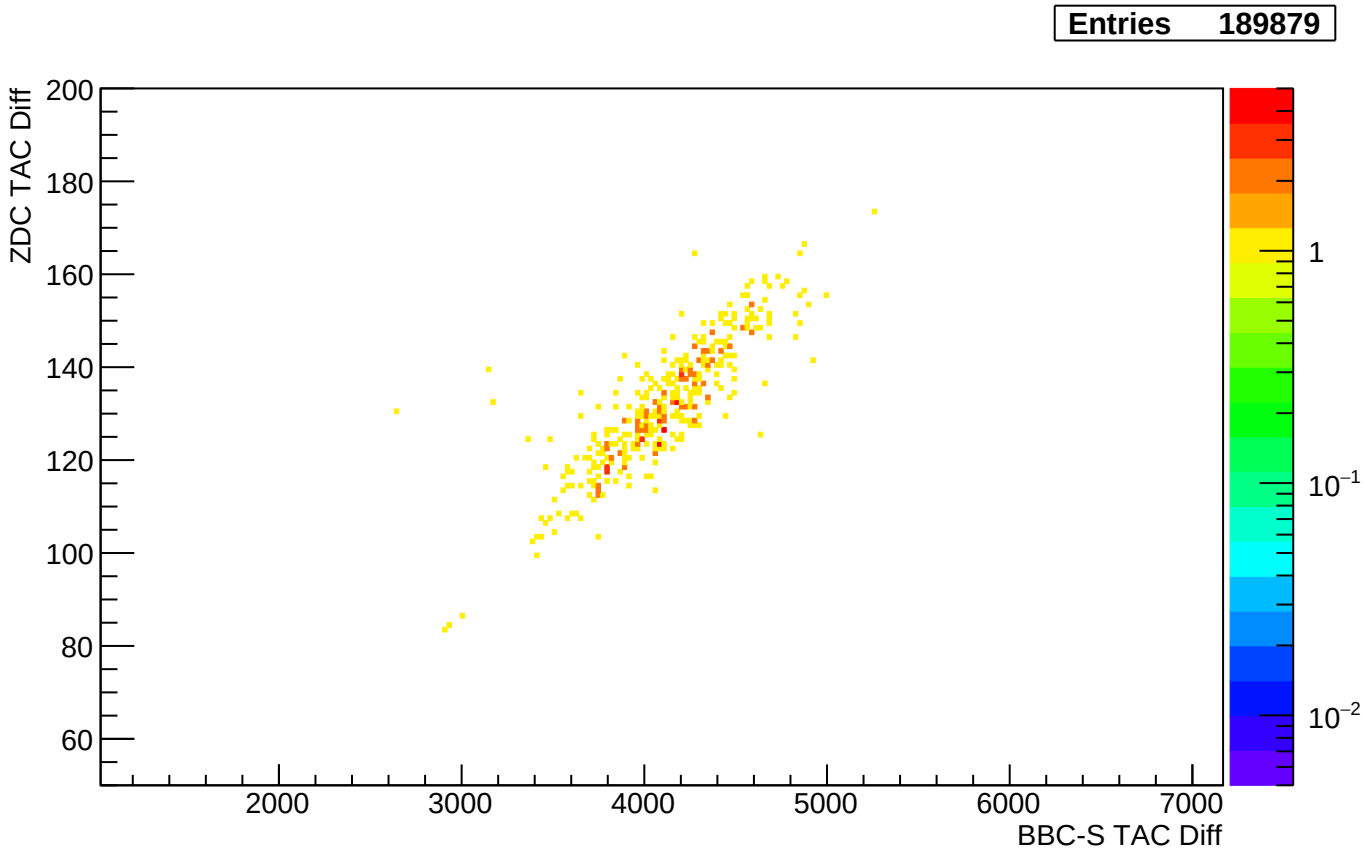

Entries 189879
TOF-Mult
EPD-West Hit Cnt

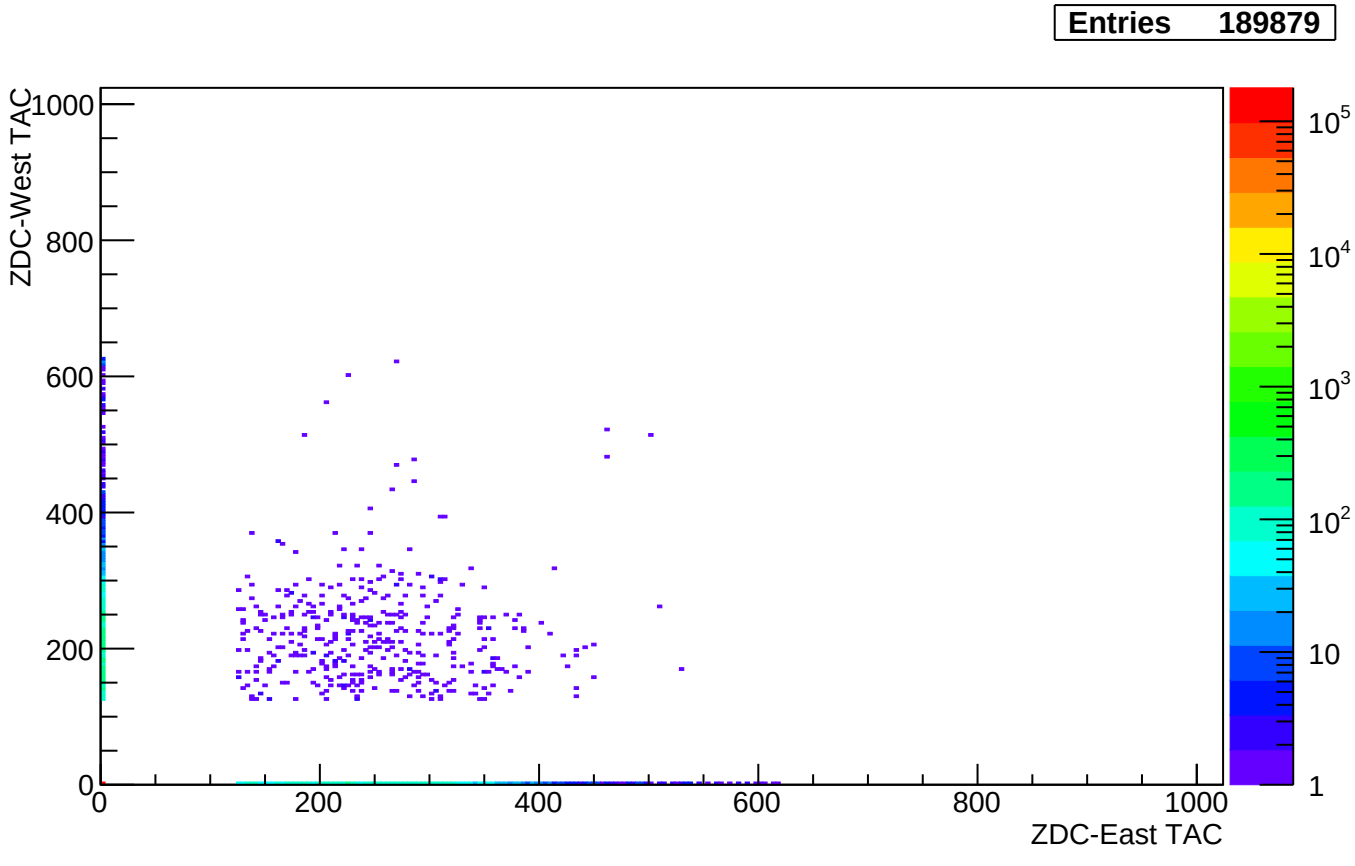

Entries 189879
TOF-Mult
VPD-East ADC Sum

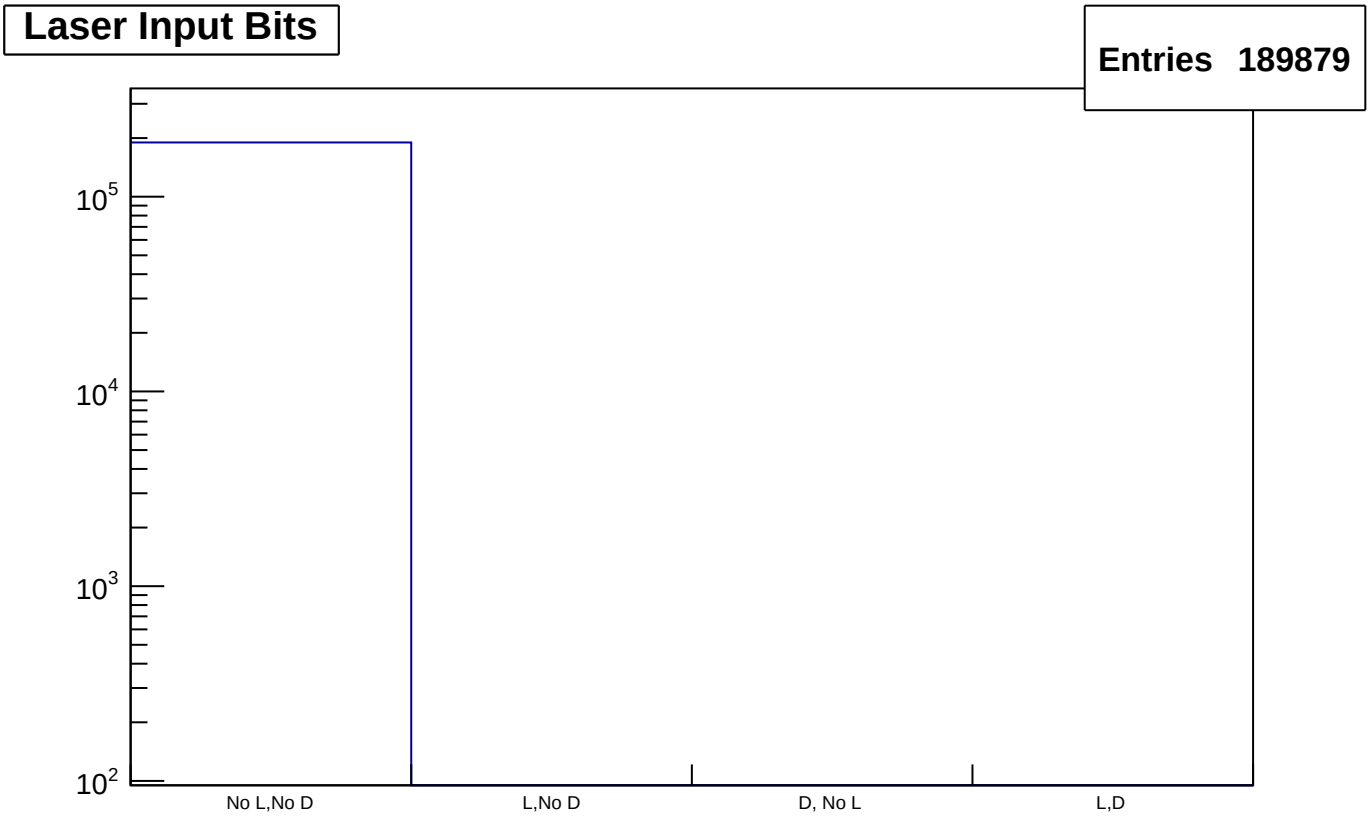

Entries 189879
TOF-Mult
VPD-West ADC Sum

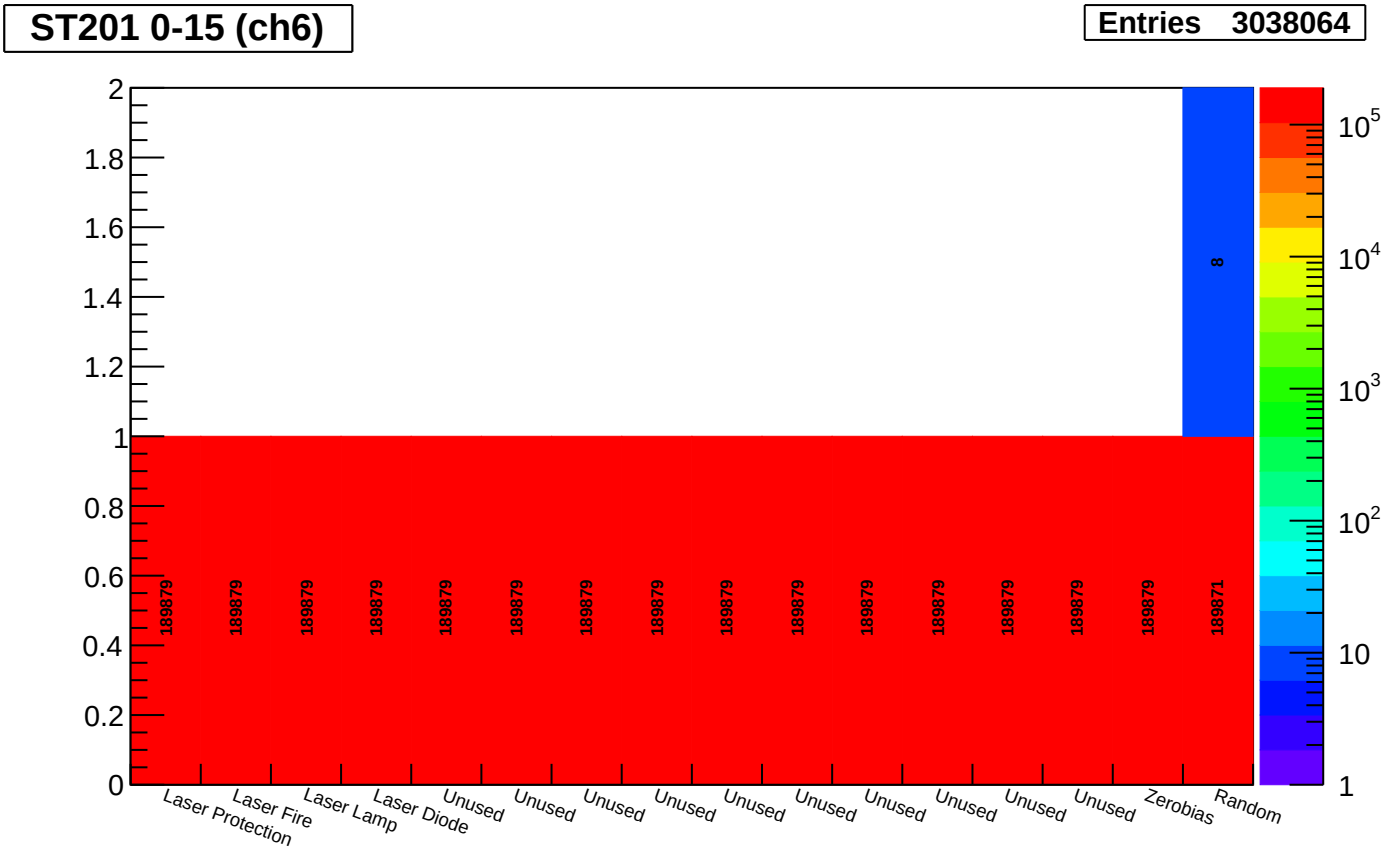

Entries 189879
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

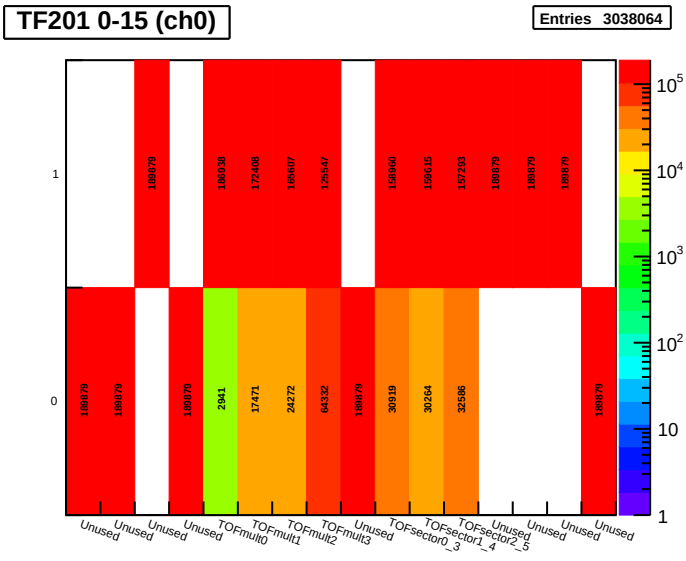

Entries 189879
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

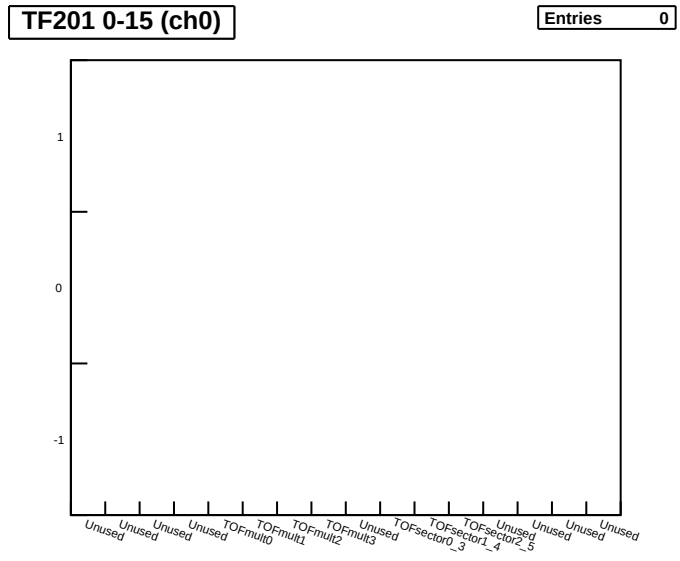

Entries 189879
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

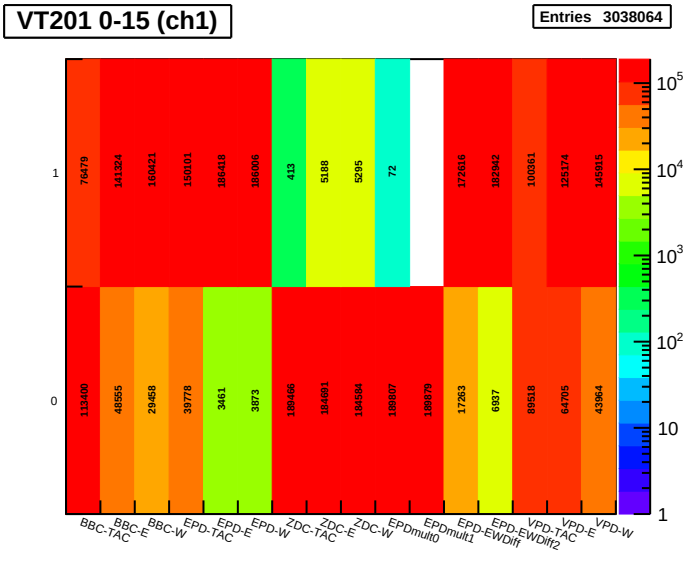

Entries 189879
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

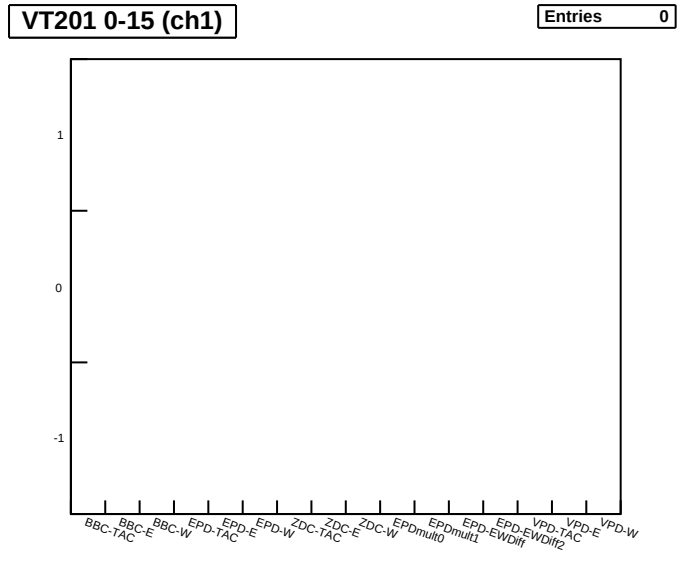

Laser Input Bits
Entries 189879
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

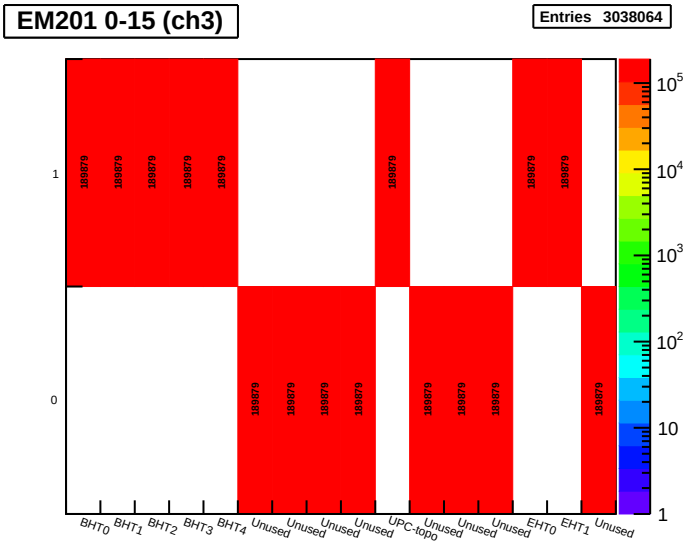

ST201 0-15 (ch6)
Entries 3038064
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
189879
189871
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

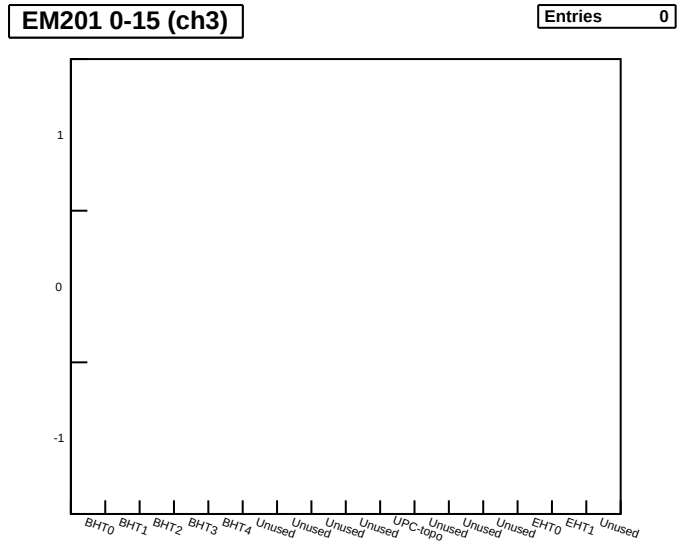

TF201 0-15 (ch0)
Entries 3038064
189879 189879 189879 2941 17471 24272 64332 189879 30919 30264 32586 189879
189879 186938 172408 165607 125547 189960 159615 157293 189879 189879 189879
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 3038064
113400 48555 29458 39778 3461 3873 189466 184691 184584 189807 189879 17263 6937 89518 64705 43964
75479 141324 160421 150101 186418 186006 413 5188 5295 72 172616 182942 100361 125174 145915
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


VT201 0-15 (ch1)
Entries 0
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 3038064
189879 189879 189879 189879 189879 189879 189879 189879 189879 189879 189879 189879 189879 189879 189879 189879 189879 189879 189879 189879
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused