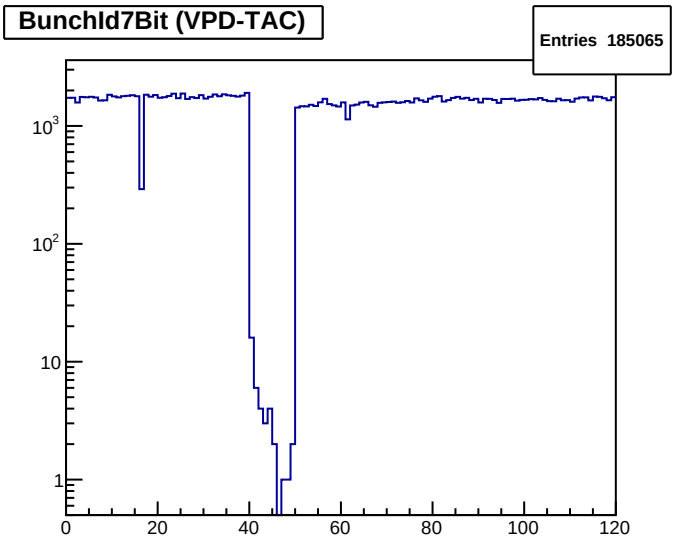
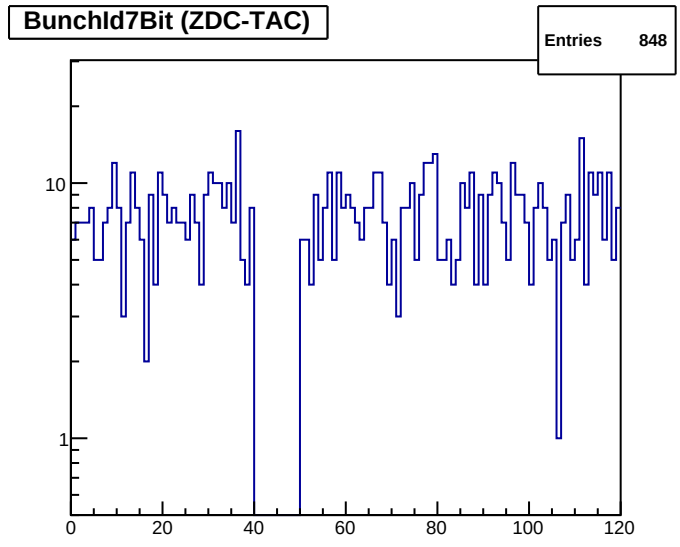
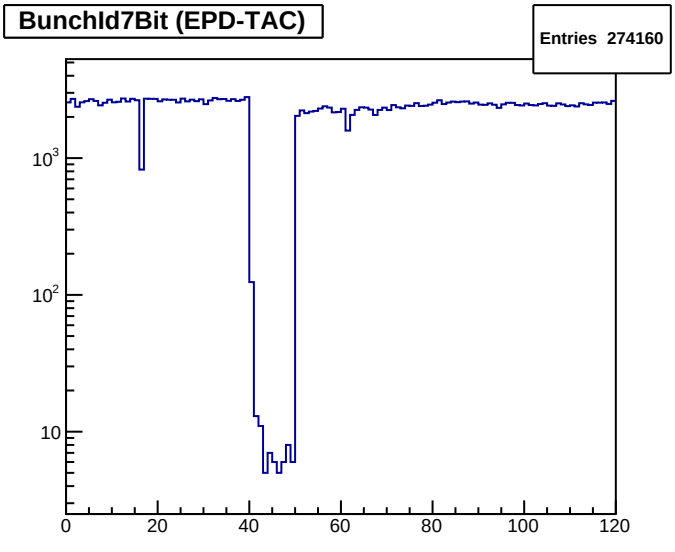
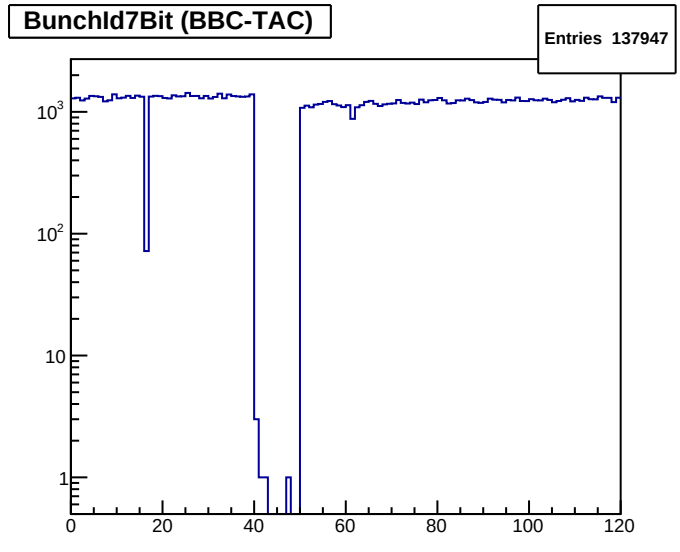
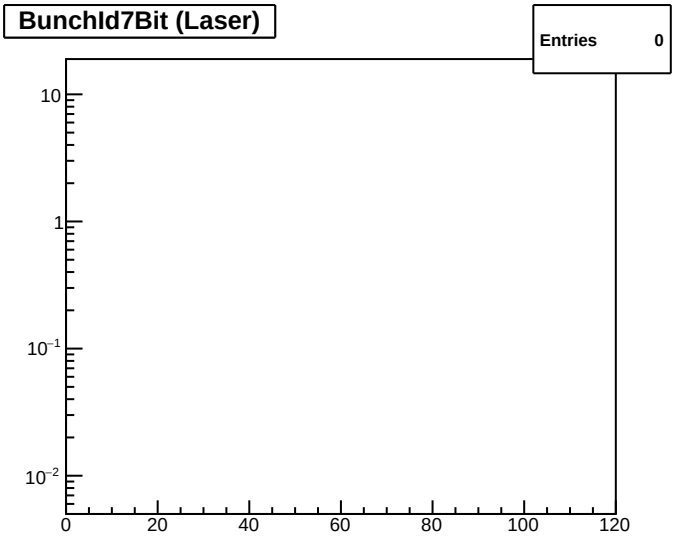
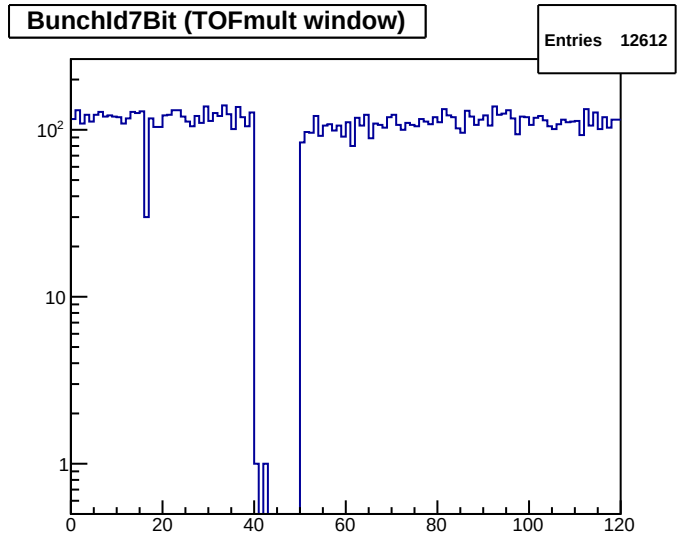

BunchId7Bit (VPD-TAC)
Entries 185065

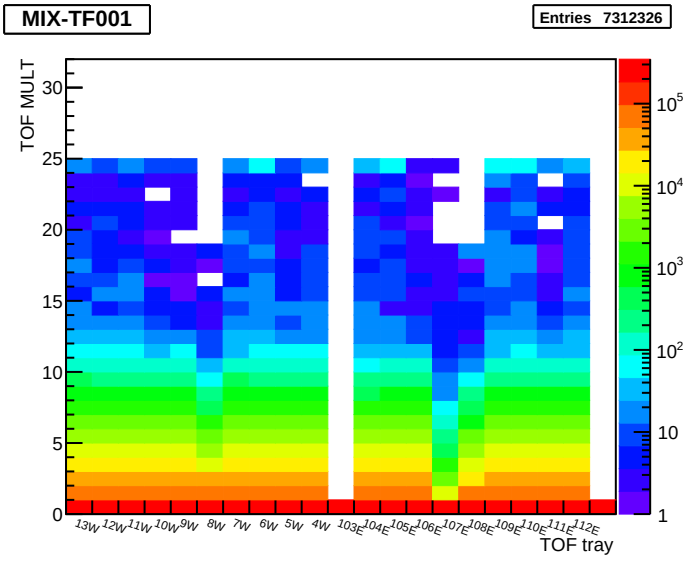

BunchId7Bit (ZDC-TAC)
Entries 848

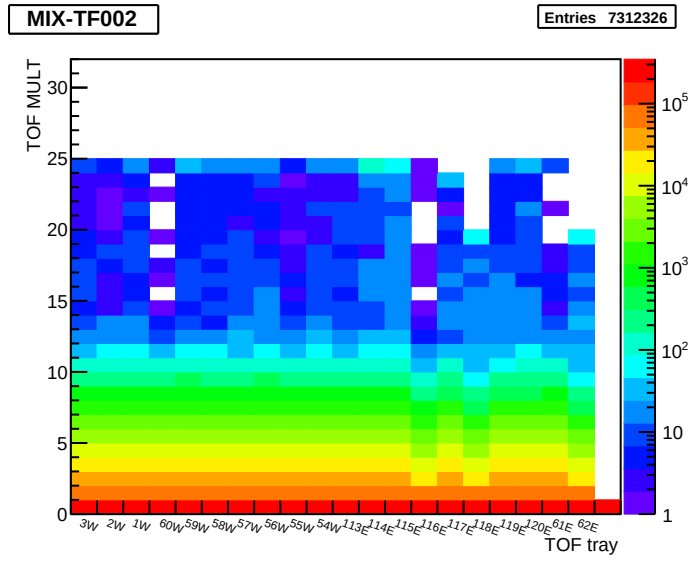

BunchId7Bit (EPD-TAC)
Entries 274160

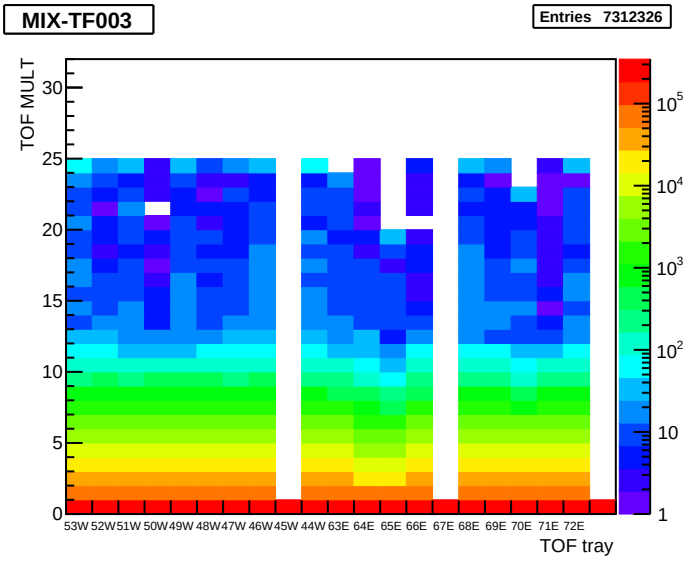

BunchId7Bit (BBC-TAC)
Entries 137947

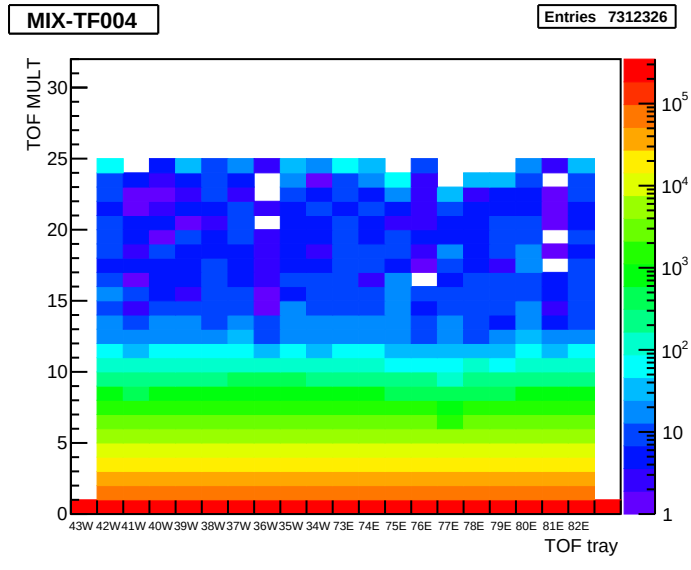

BunchId7Bit (Laser)
Entries 0

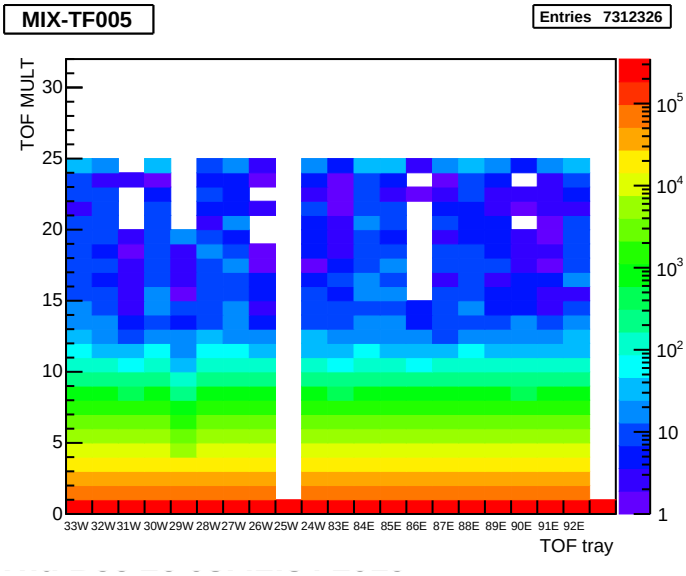

BunchId7Bit (TOFmult window)
Entries 12612

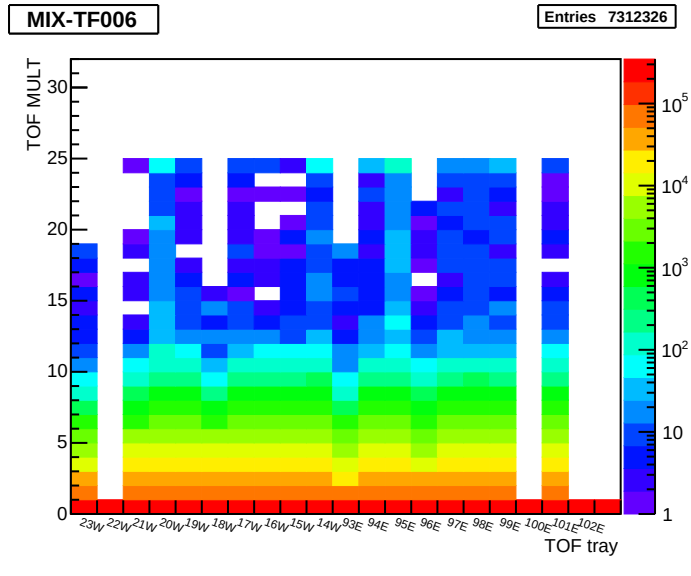

MIX-TF001
Entries 7312326
TOF MULT
TOF tray

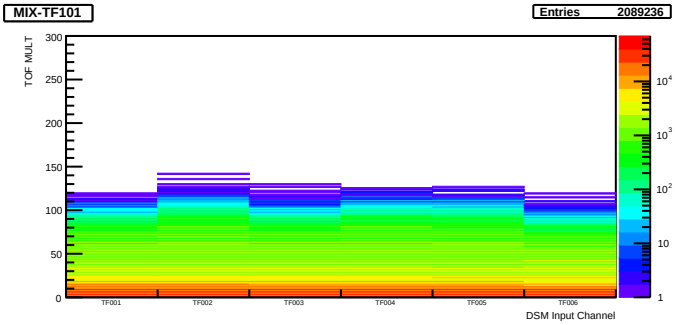

MIX-TF002
Entries 7312326
TOF MULT
TOF tray

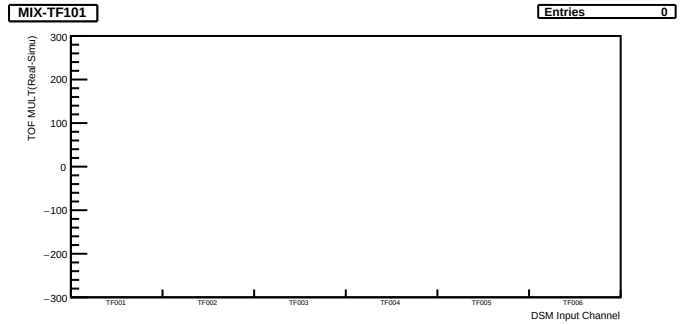

MIX-TF003
Entries 7312326
TOF MULT
TOF tray

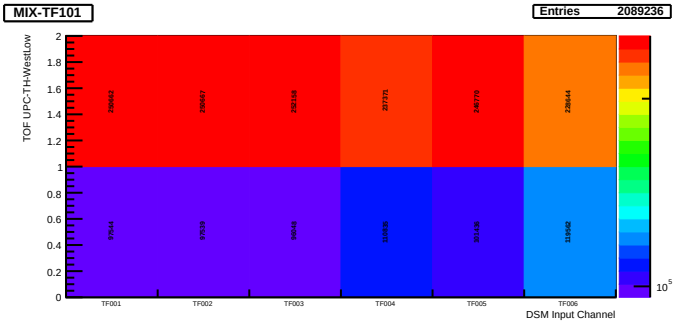

MIX-TF004
Entries 7312326
TOF MULT
TOF tray

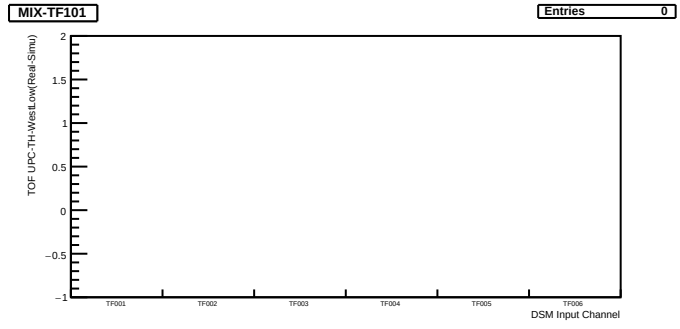

MIX-TF005
Entries 7312326
TOF MULT
TOF tray

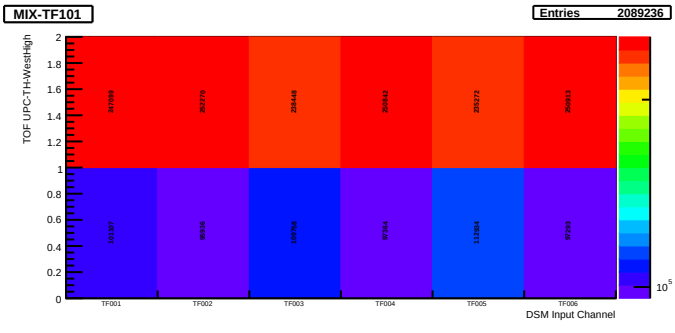

MIX-TF006
Entries 7312326
TOF MULT
TOF tray

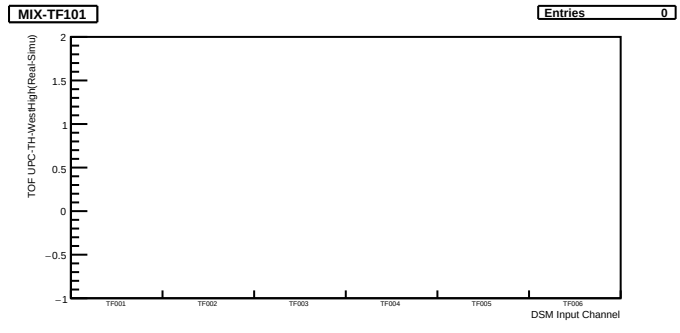

MIX-TF101
Entries 2089236
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

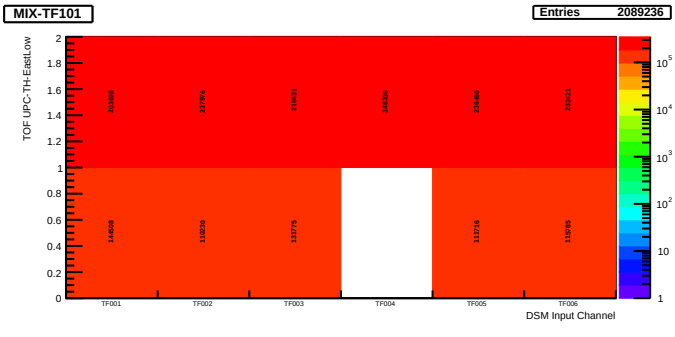

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

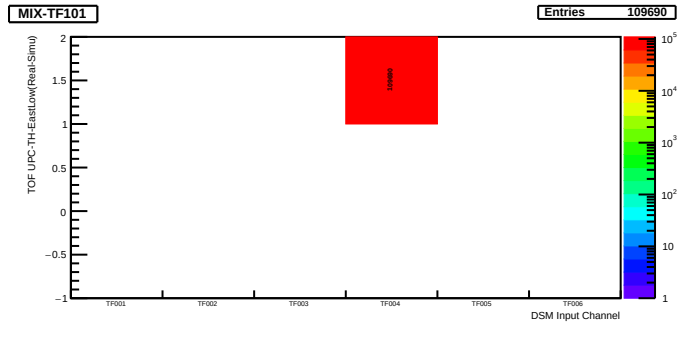

MIX-TF101
Entries 2089236
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

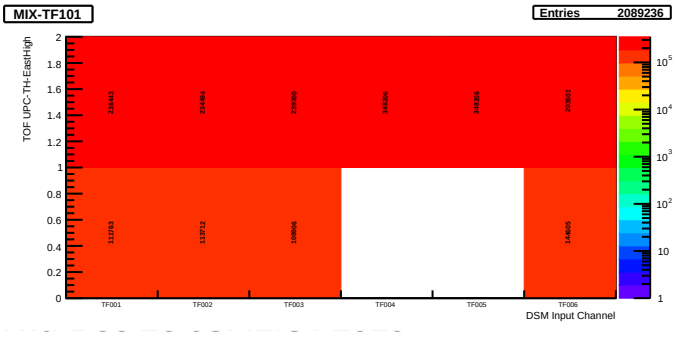

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

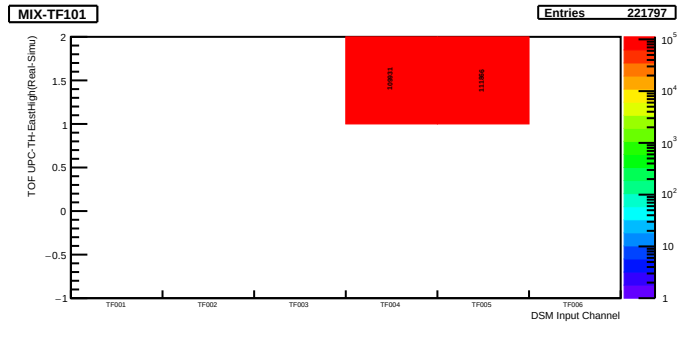

MIX-TF101
Entries 2089236
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

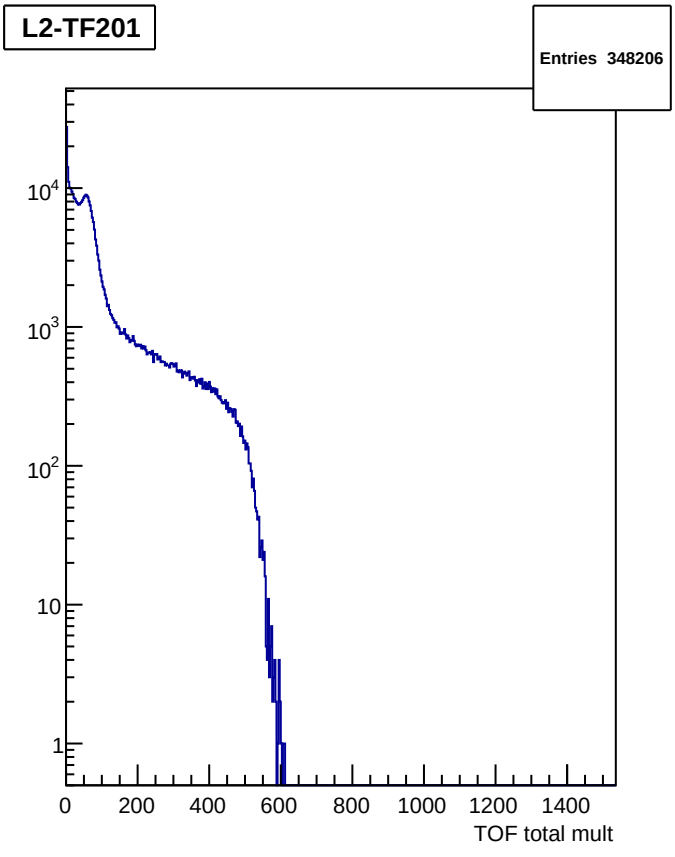

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

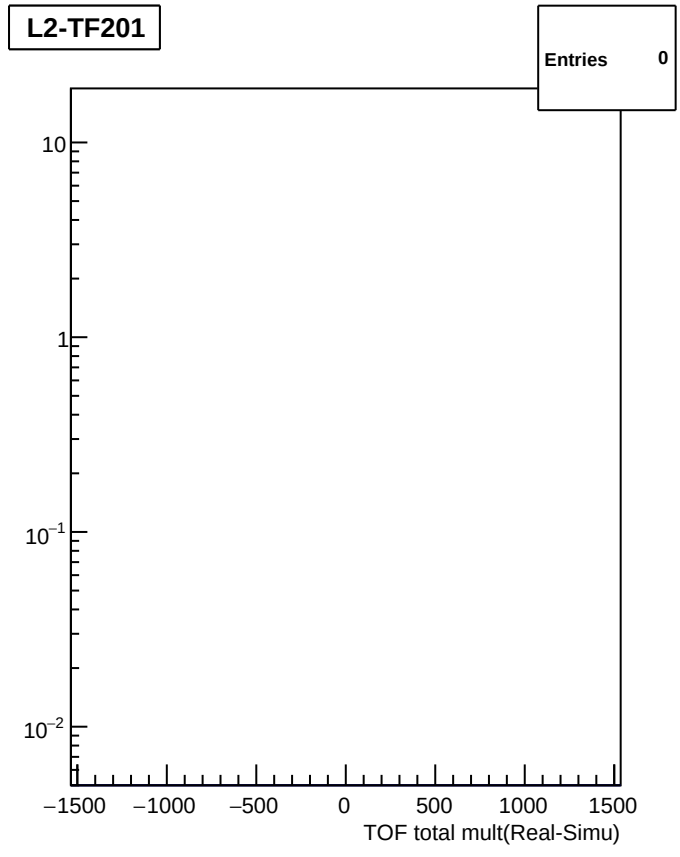

MIX-TF101
Entries 2089236
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

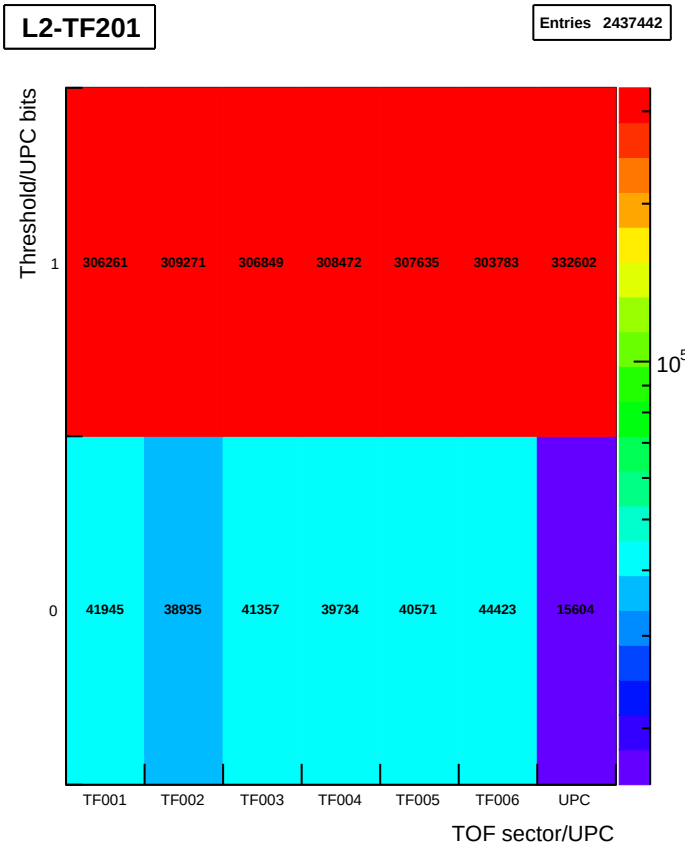

MIX-TF101
Entries 109690
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

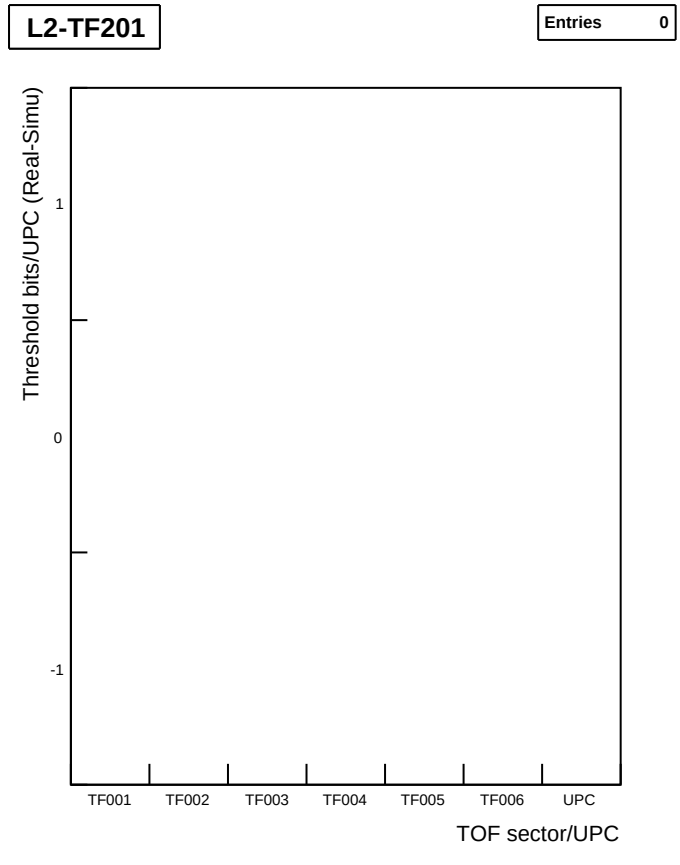

MIX-TF101
Entries 2089236
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

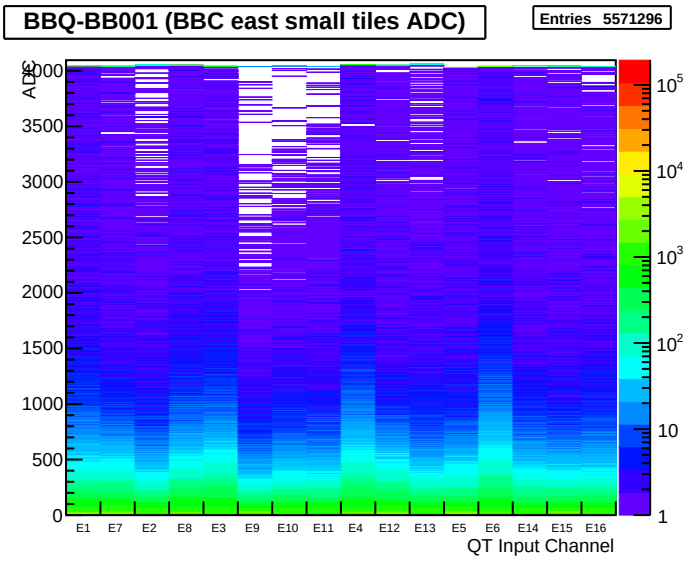

MIX-TF101
Entries 221797
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

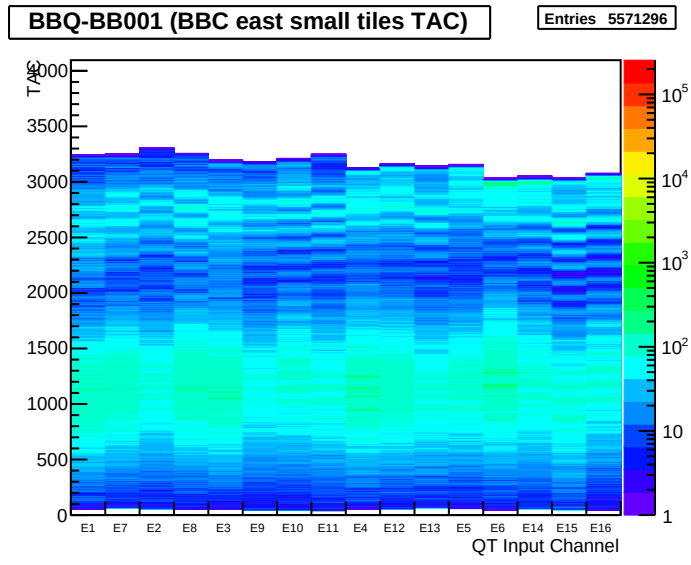

L2-TF201
Entries 348206
TOF total mult

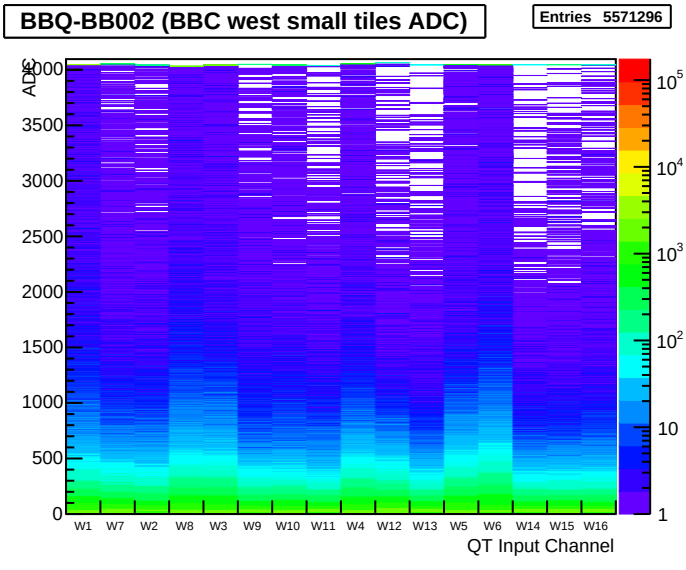

L2-TF201
Entries 0
TOF total mult(Real-Simu)

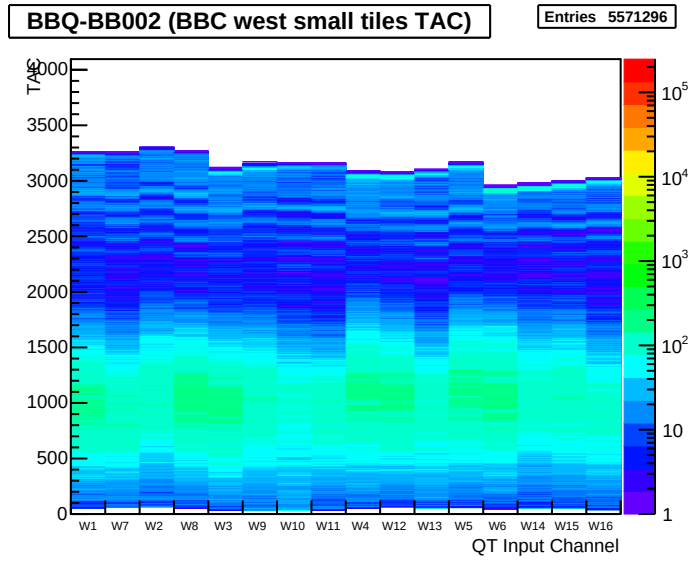

L2-TF201
Entries 2437442
Threshold/UPC bits
306261
309271
306849
308472
307635
303783
332602
41945
38935
41357
39734
40571
44423
15604
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

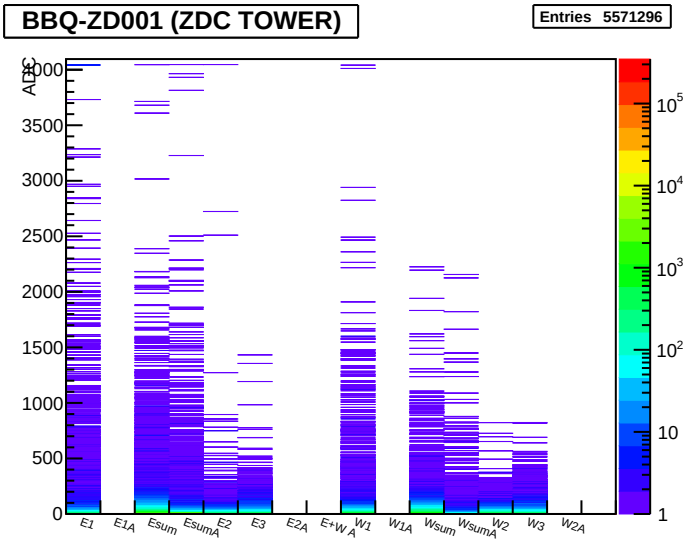

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

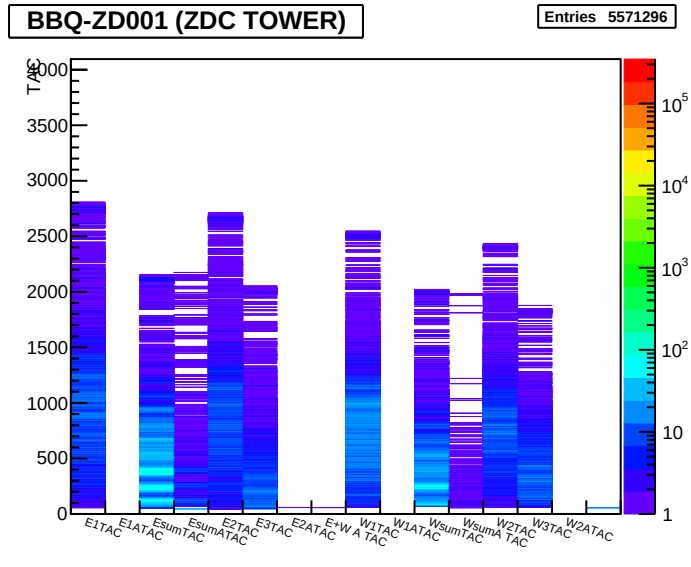

BBQ-BB001 (BBC east small tiles ADC)
Entries 5571296
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

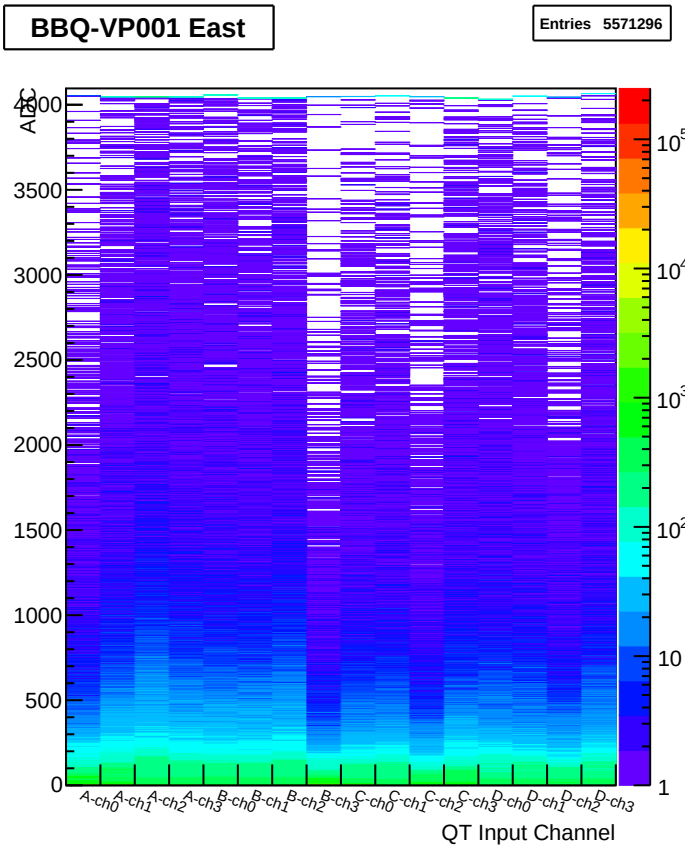

BBQ-BB001 (BBC east small tiles TAC)
Entries 5571296
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

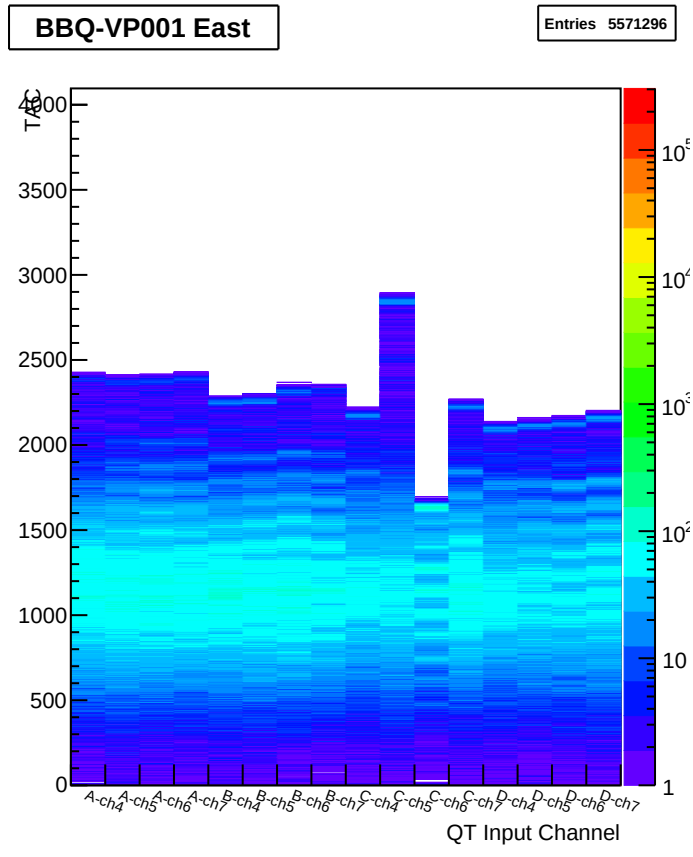

BBQ-BB002 (BBC west small tiles ADC)
Entries 5571296
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

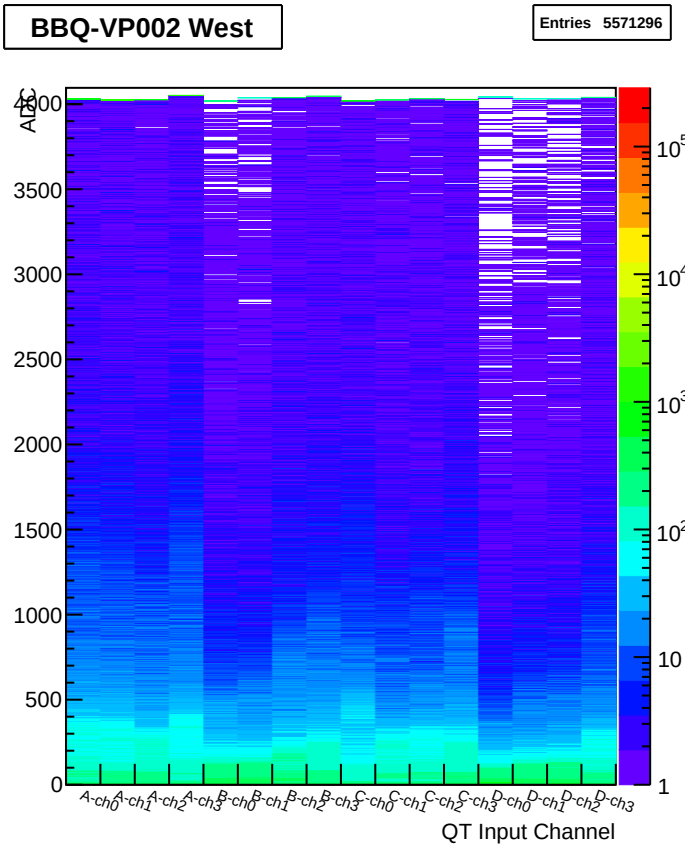

BBQ-BB002 (BBC west small tiles TAC)
Entries 5571296
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

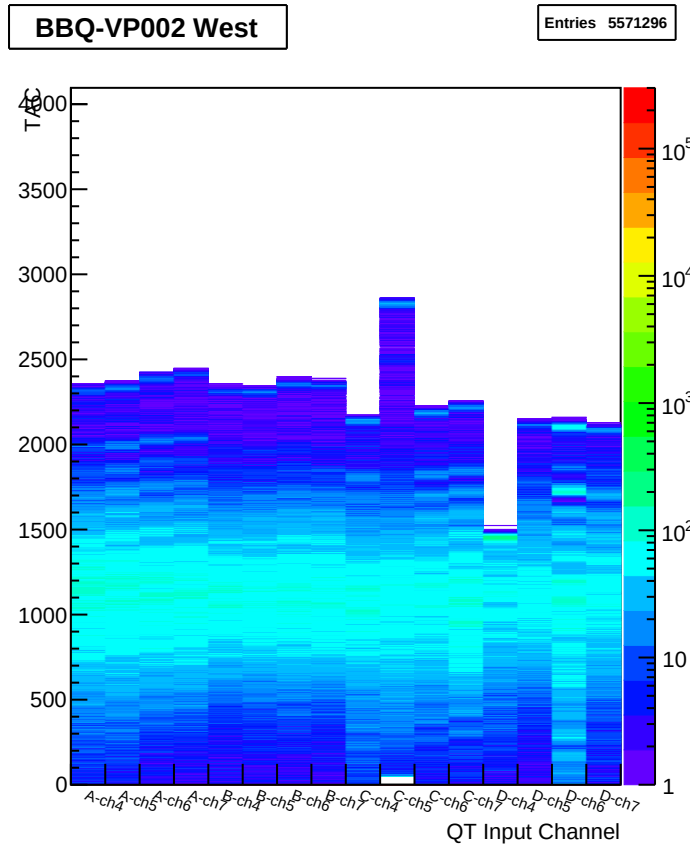

BBQ-ZD001 (ZDC TOWER)
Entries 5571296
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

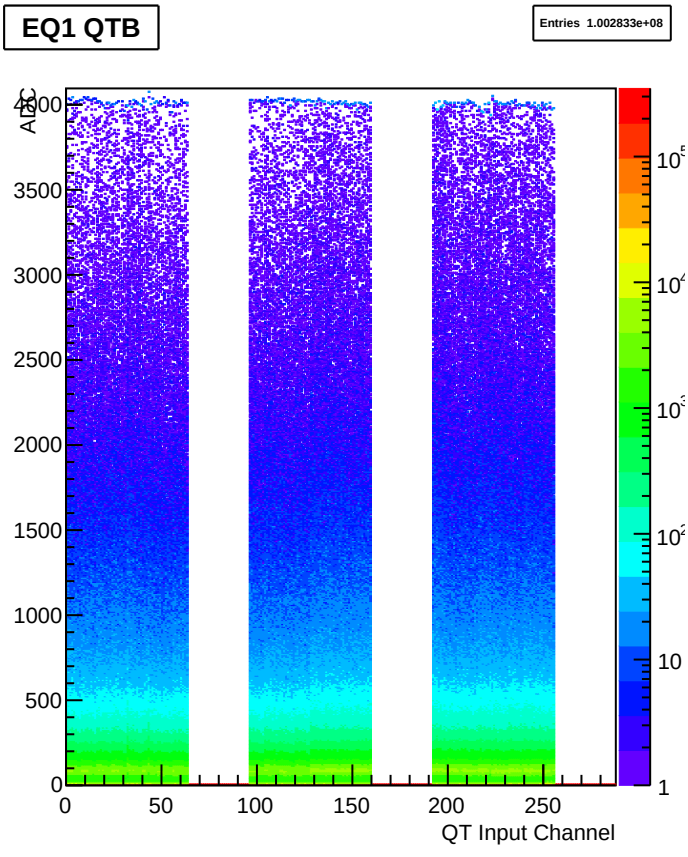

BBQ-ZD001 (ZDC TOWER)
Entries 5571296
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

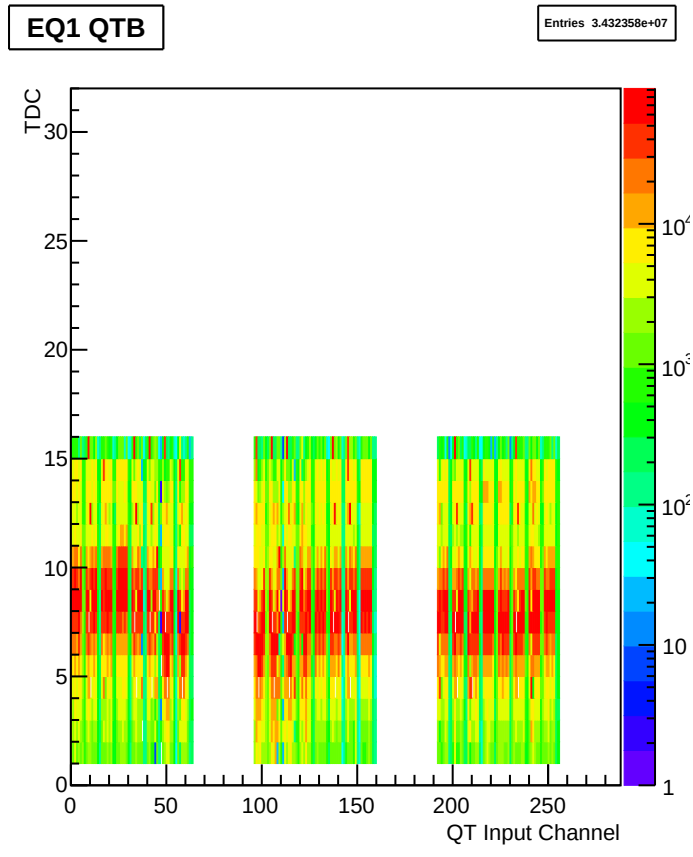

BBQ-VP001 East
Entries 5571296
ADC
QT Input Channel

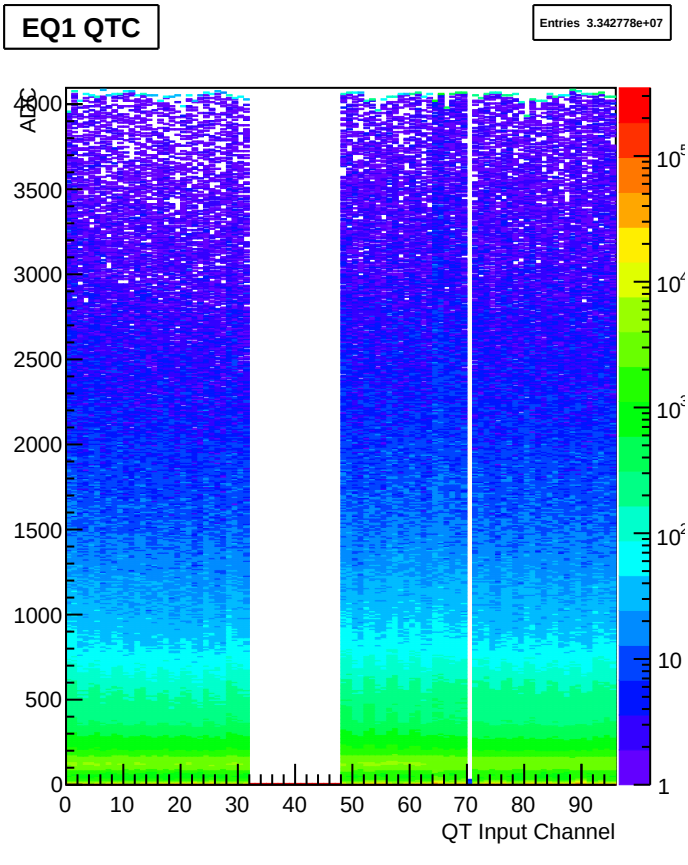

BBQ-VP001 East
Entries 5571296
TADC
QT Input Channel

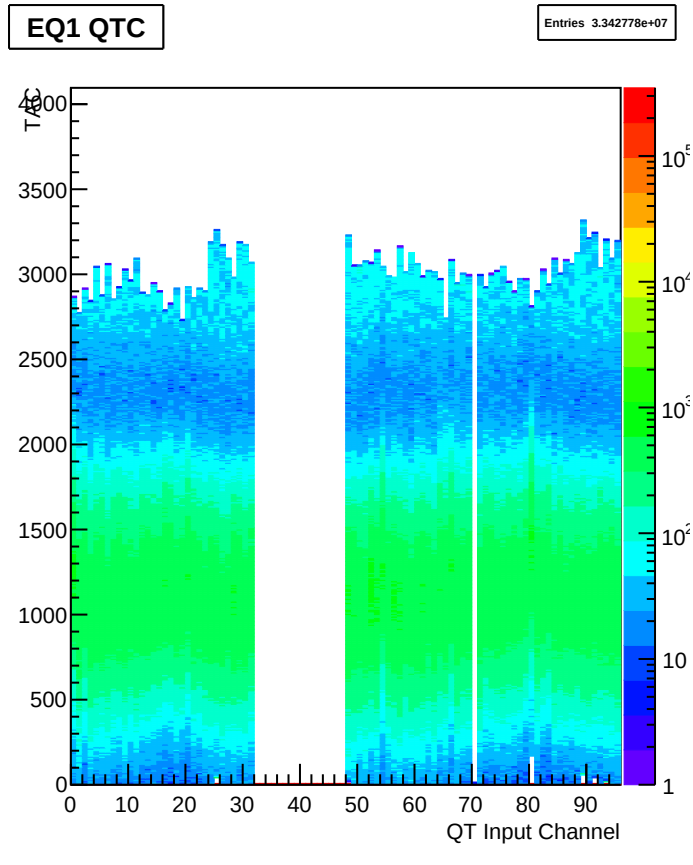

BBQ-VP002 West
Entries 5571296
ADC
QT Input Channel

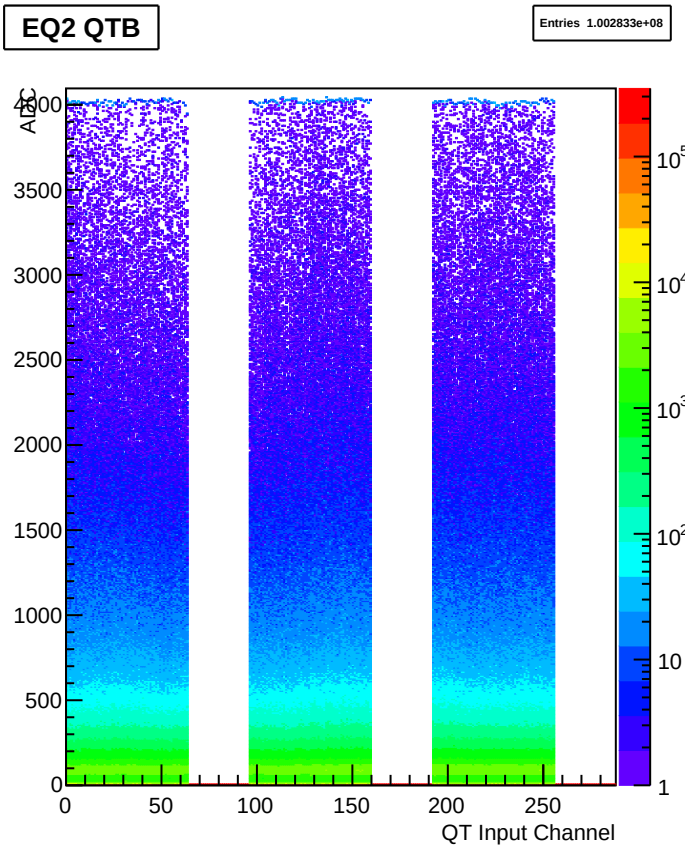

BBQ-VP002 West
Entries 5571296
TADC
QT Input Channel

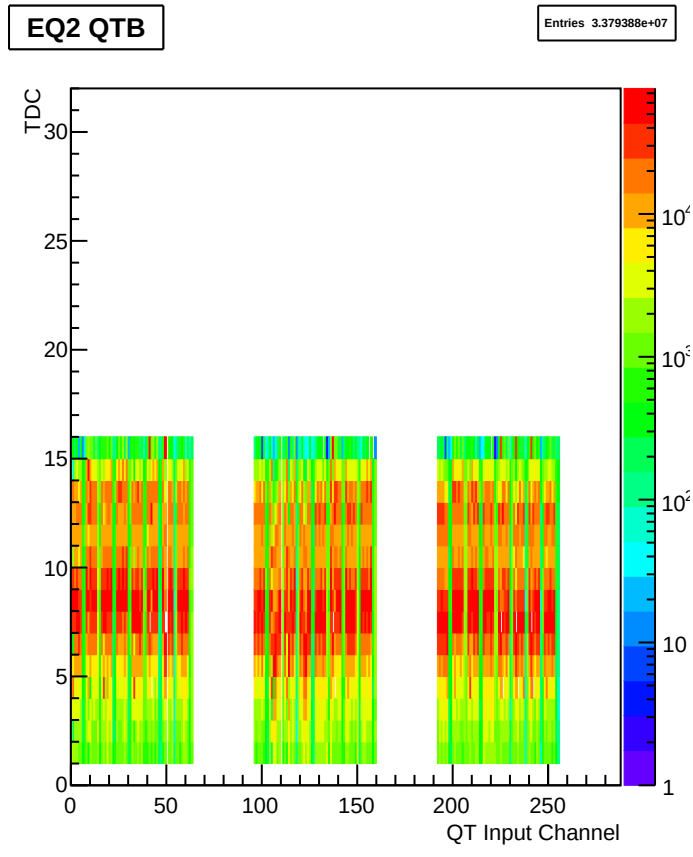

EQ1 QTB
Entries 1.002833e+08
ADC
QT Input Channel

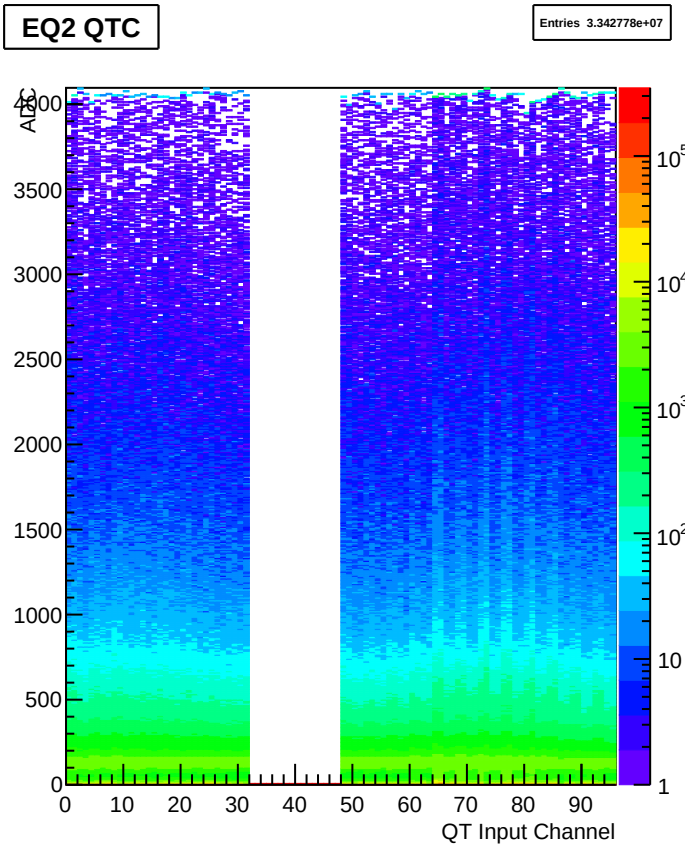

EQ1 QTB
Entries 3.432358e+07
TDC
QT Input Channel

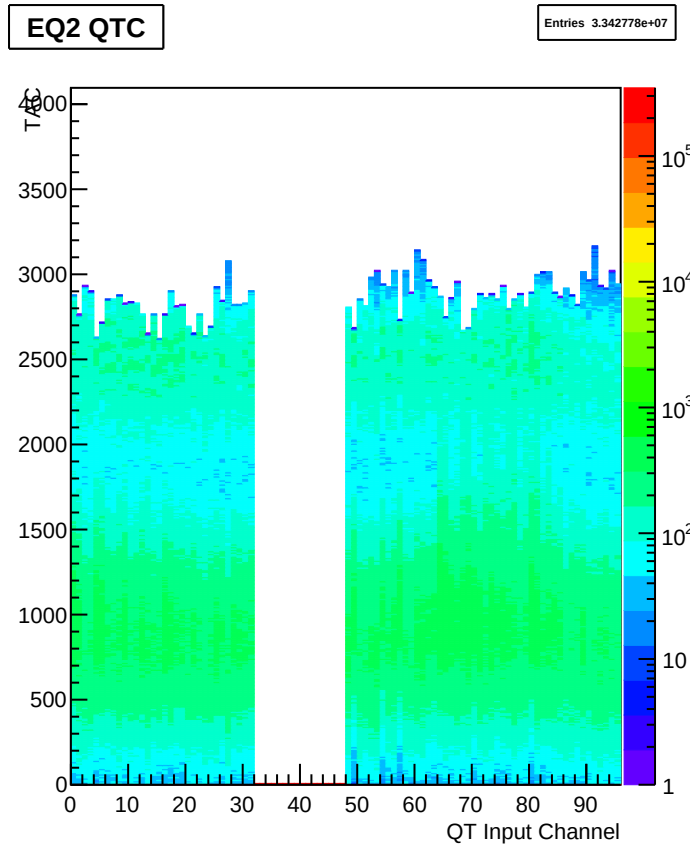

EQ1 QTC
Entries 3.342778e+07
ADC
QT Input Channel

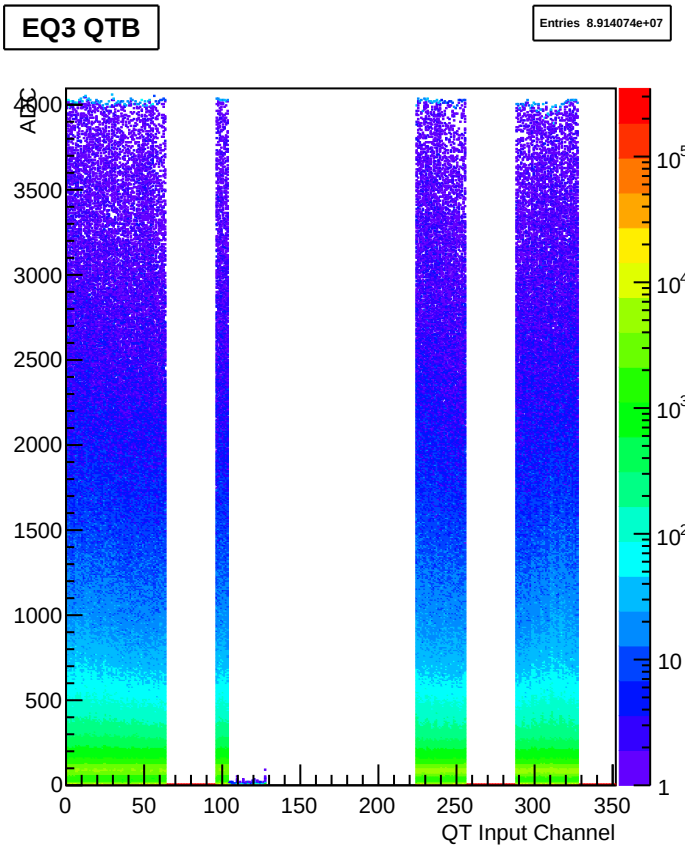

EQ1 QTC
Entries 3.342778e+07
TADC
QT Input Channel

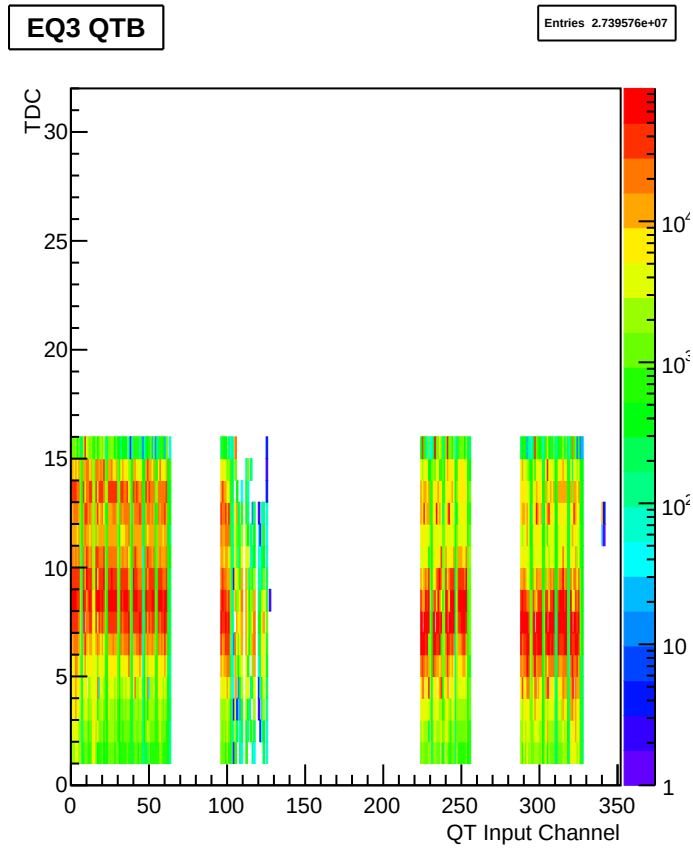

EQ2 QTB
Entries 1.002833e+08
ADC
QT Input Channel

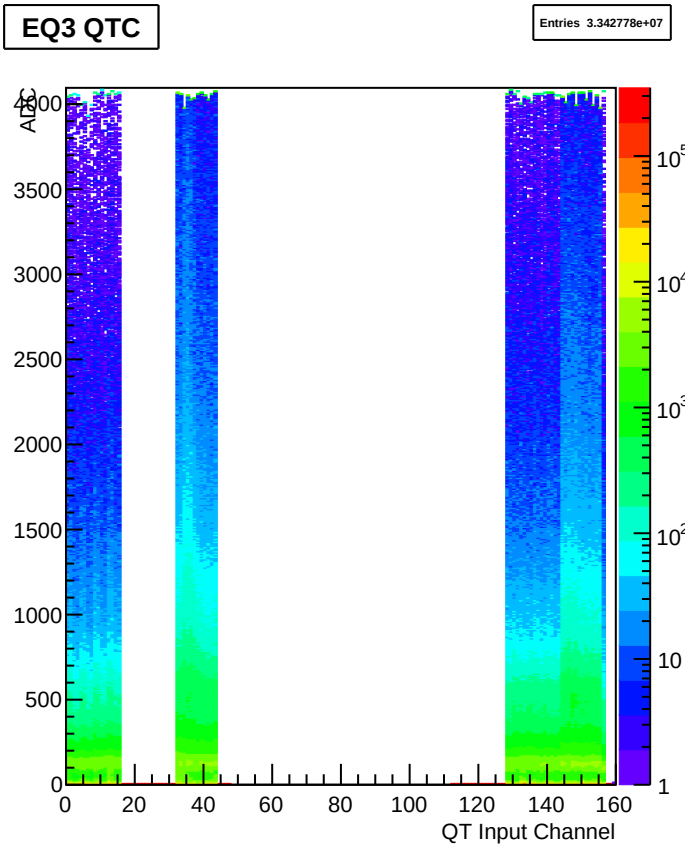

EQ2 QTB
Entries 3.379388e+07
TDC
QT Input Channel

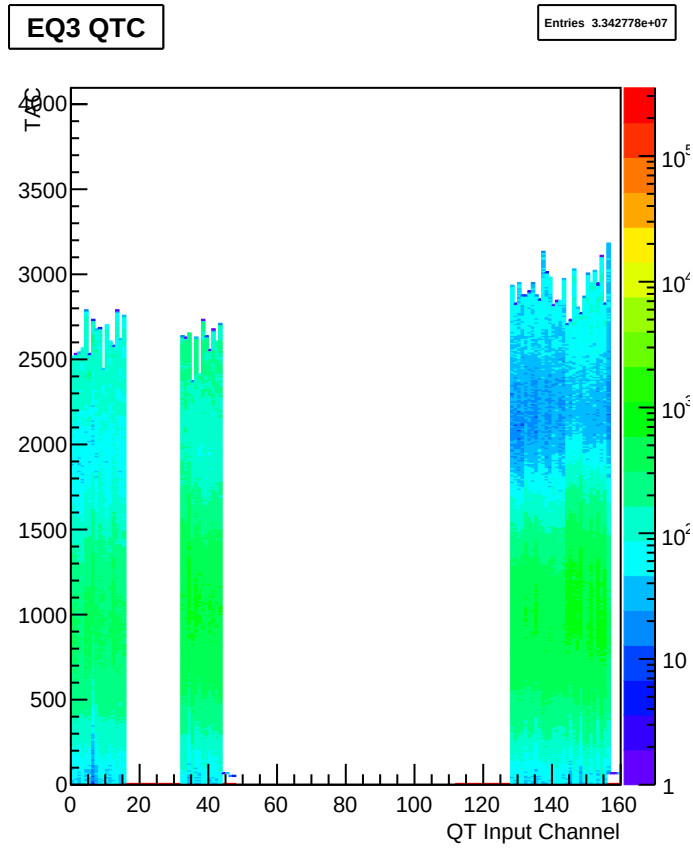

EQ2 QTC
Entries 3.342778e+07
ADC
QT Input Channel

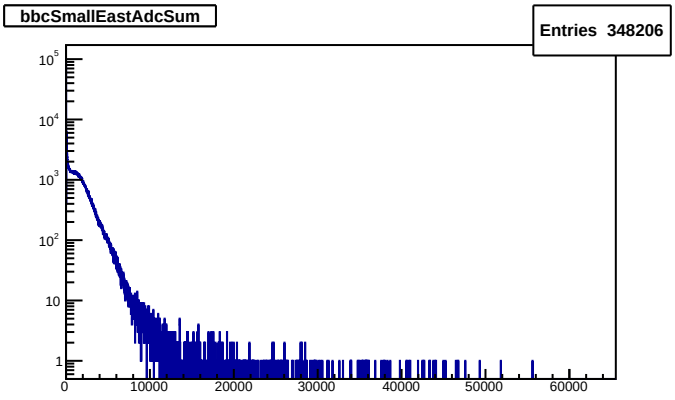

EQ2 QTC
Entries 3.342778e+07
TADC
QT Input Channel

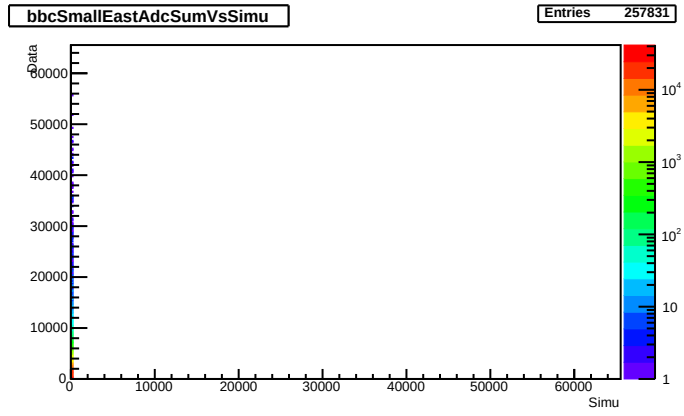

EQ3 QTB
Entries 8.914074e+07
ADC
QT Input Channel

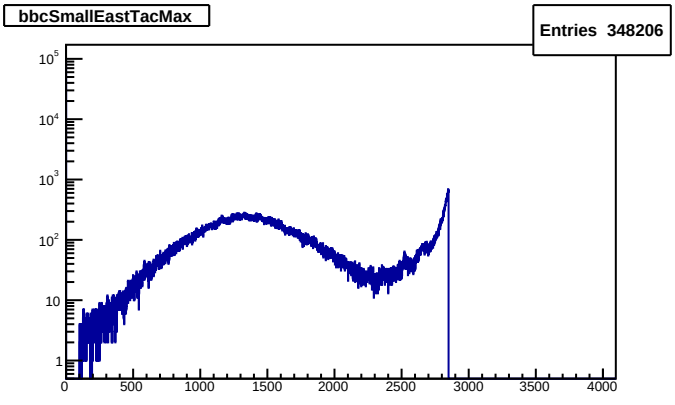

EQ3 QTB
Entries 2.739576e+07
TDC
QT Input Channel

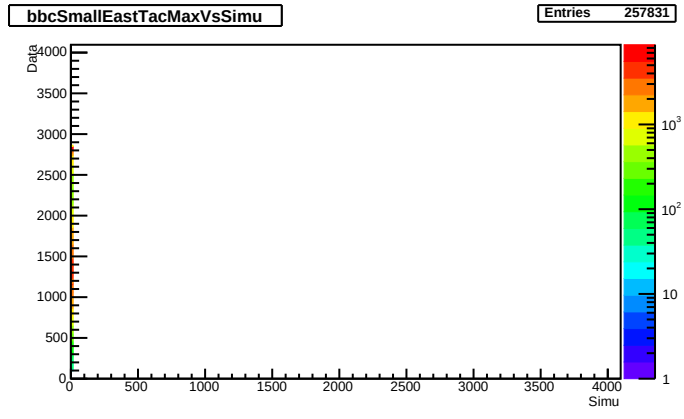

EQ3 QTC
Entries 3.342778e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.342778e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 348206


bbcSmallEastAdcSumVsSimu
Entries 257831
Data
Simu


bbcSmallEastTacMax
Entries 348206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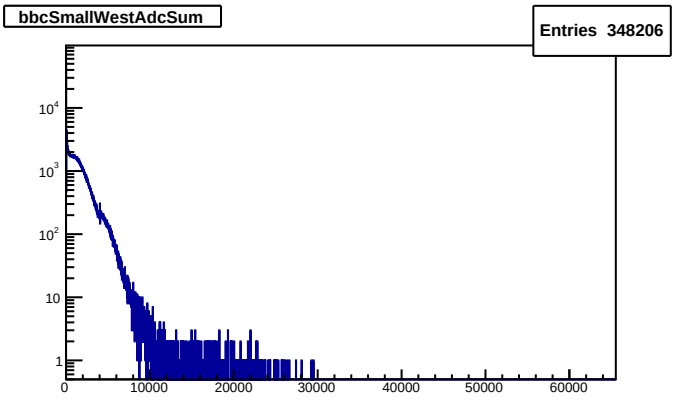
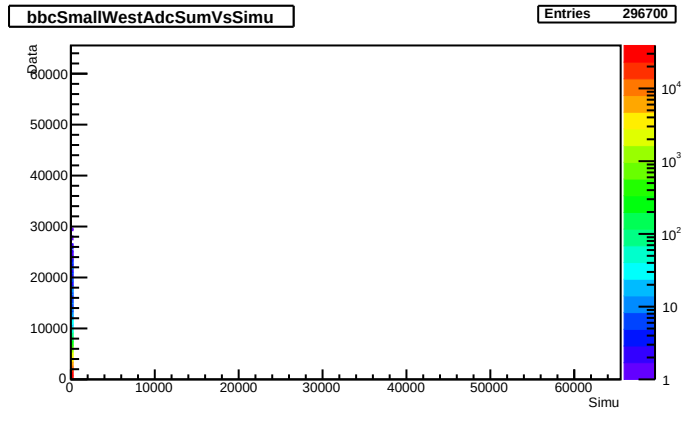
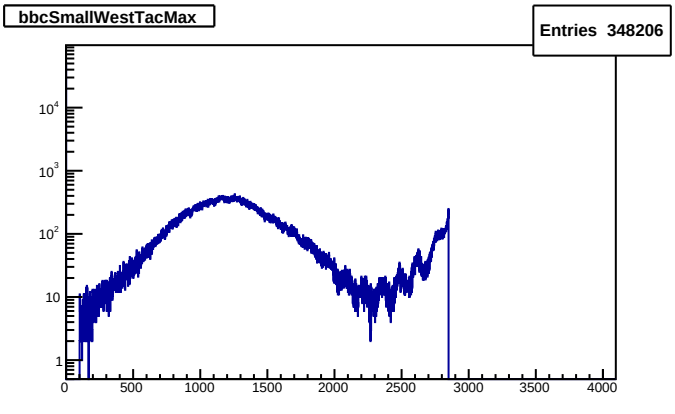
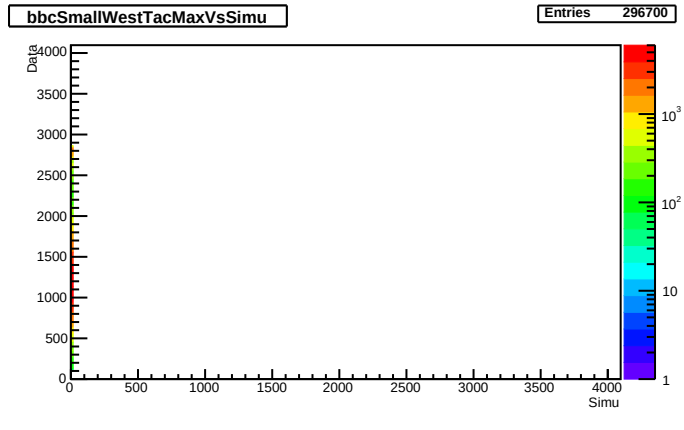
Entries 257831
Data
Simu


bbcSmallWestAdcSum
Entries 348206


bbcSmallWestAdcSumVsSimu
Entries 296700
Data
Simu


bbcSmallWestTacMax
Entries 348206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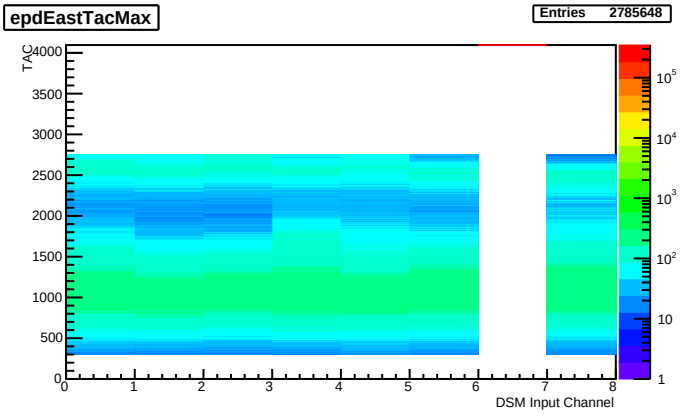
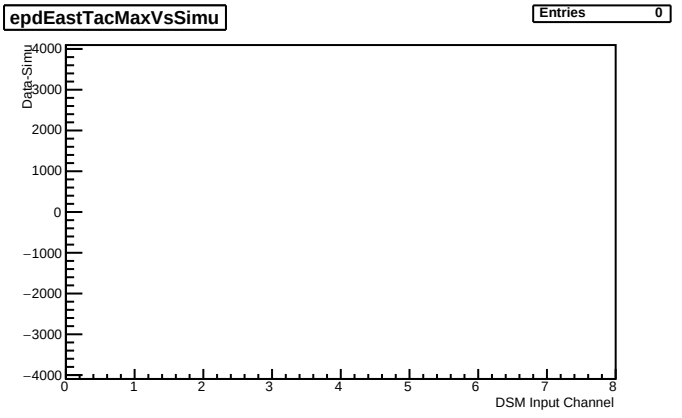
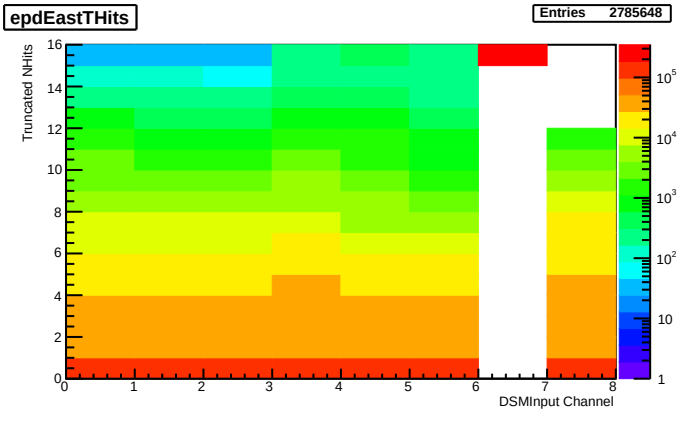
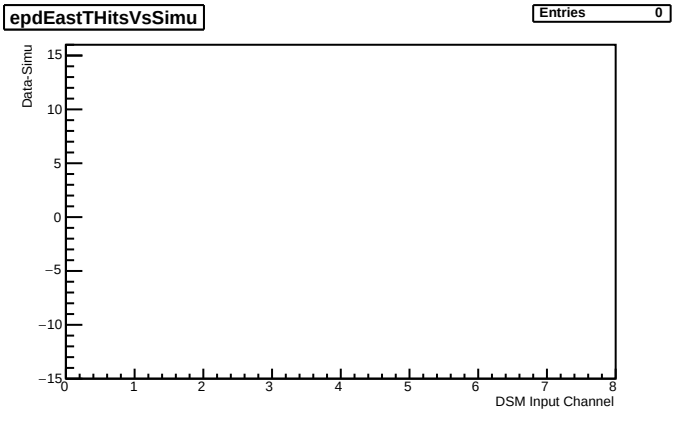
Entries 296700
Data
Simu


epdEastTacMax
Entries 2785648
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2785648
Truncated NHits
DSMInput Channel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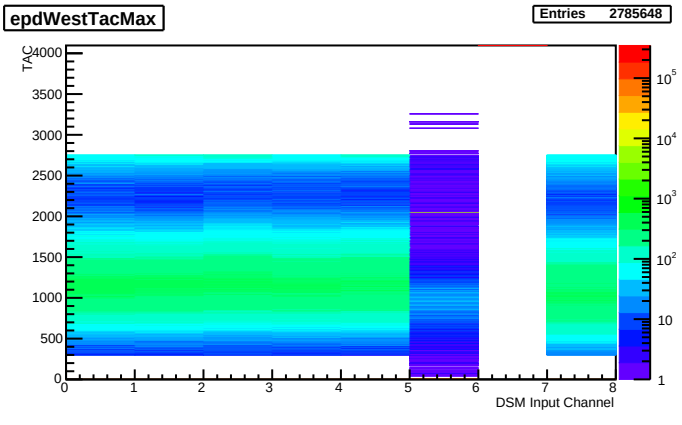
Data-Simu
DSM Input Channel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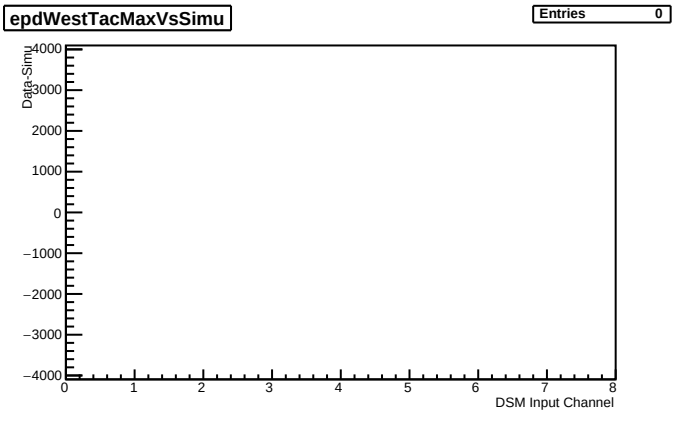
Entries 2785648
TAC
DSM Input Channel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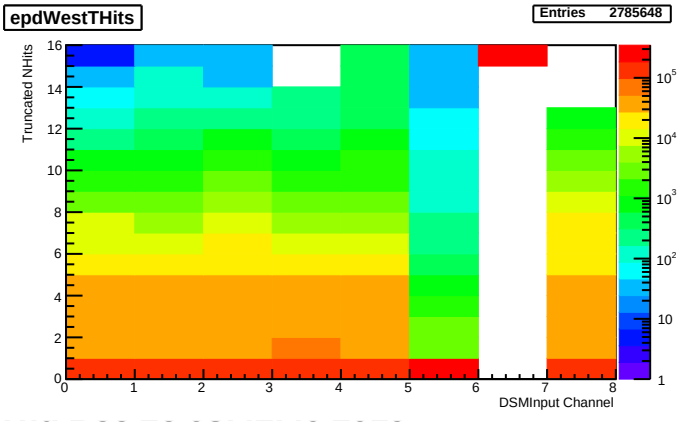
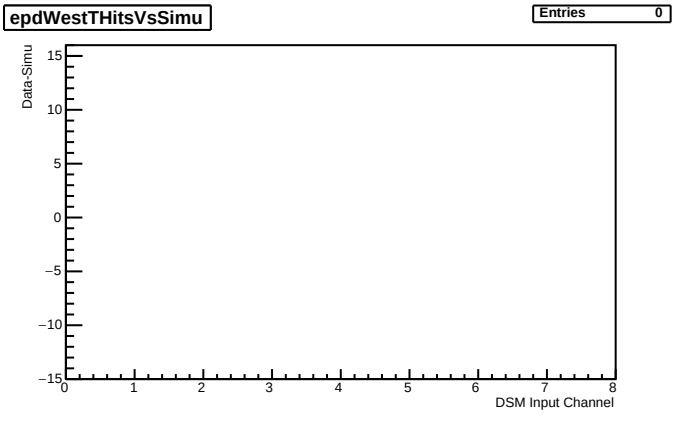
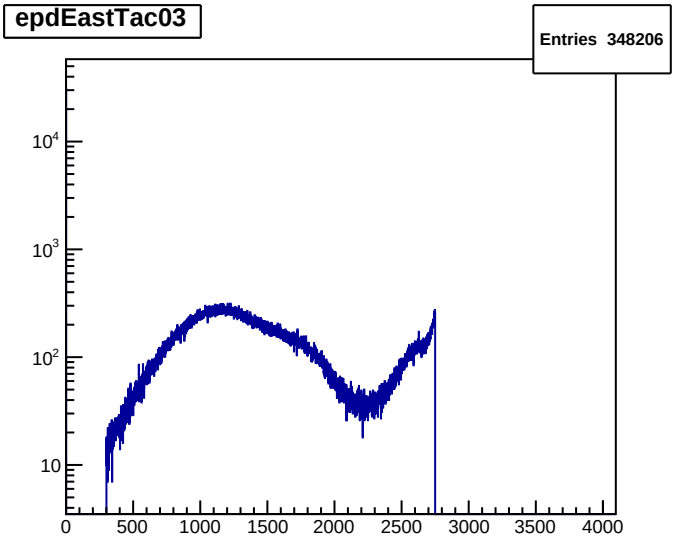
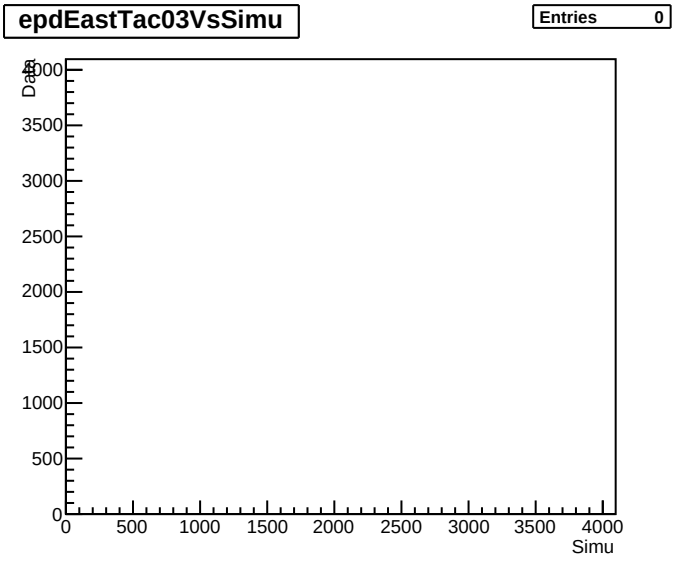
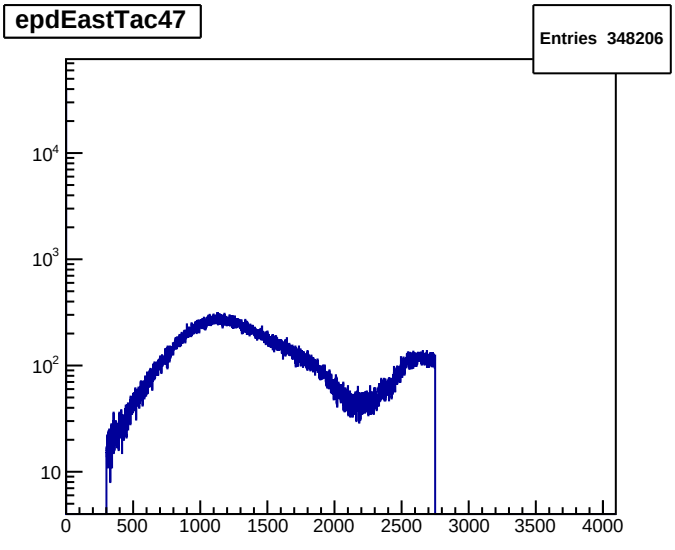
Entries 0
Data-Simu
DSM Input Channel

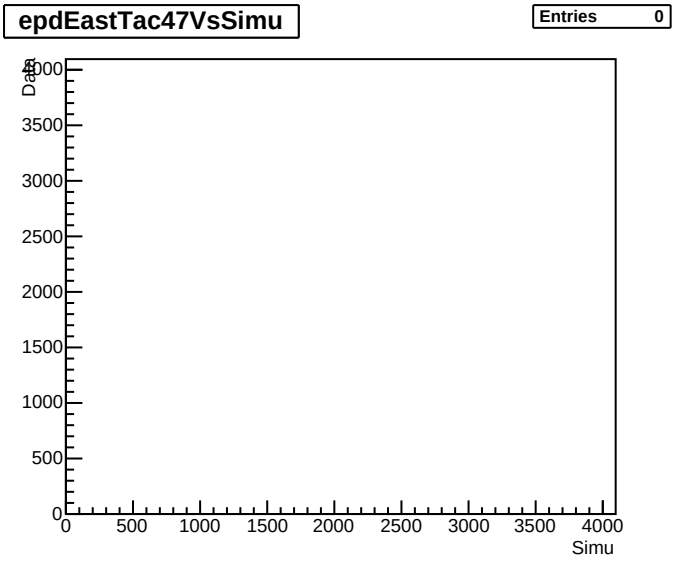

epdWestTHits
Entries 2785648
Truncated NHits
DSMInput Channel

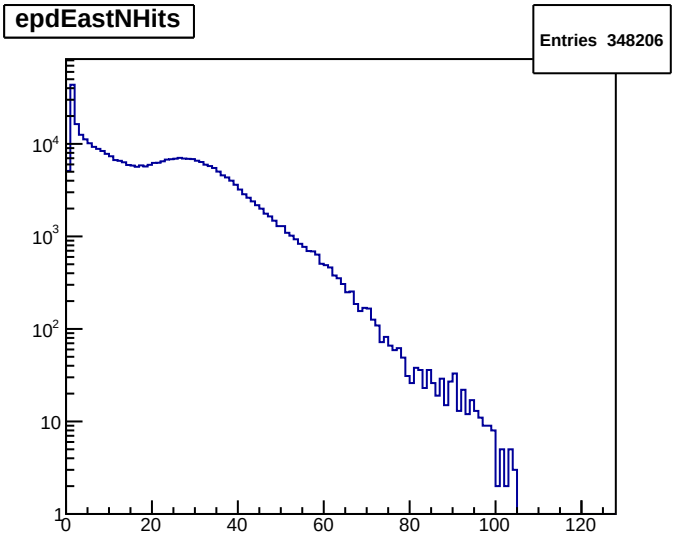

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

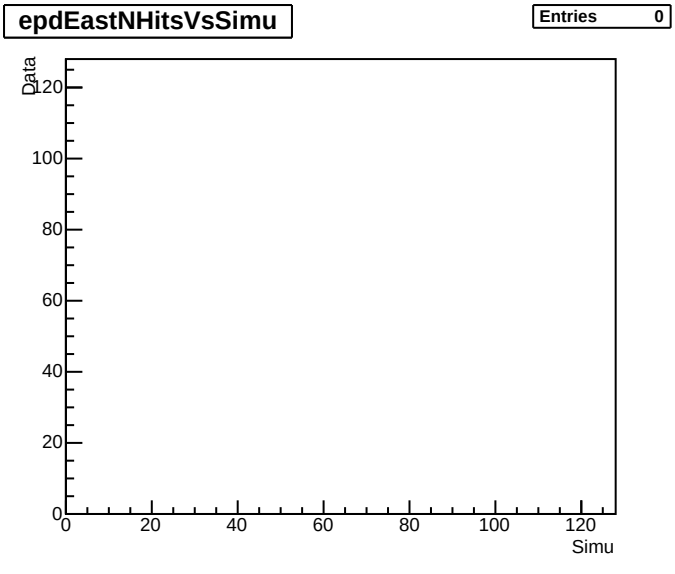

epdEastTac03
Entries 348206


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 348206


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 348206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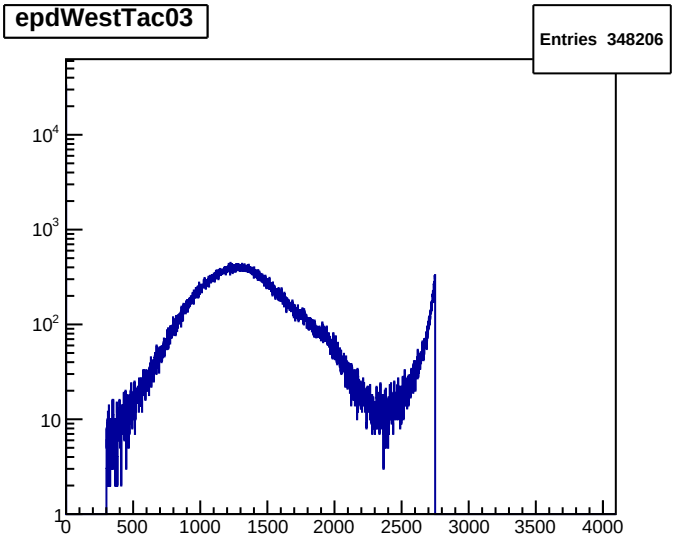
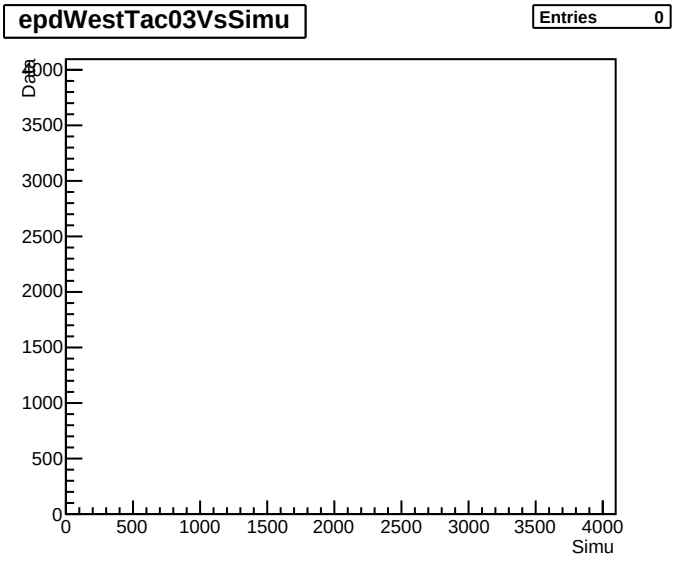
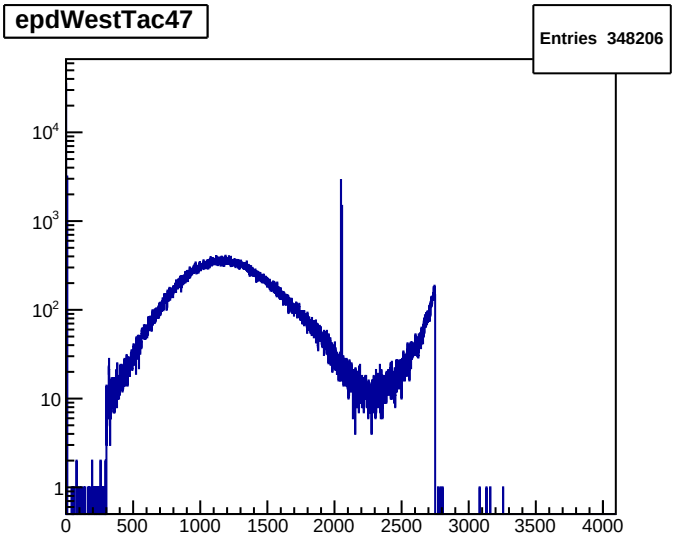
Entries 0
Data
Simu


epdWestTac03
Entries 348206


epdWestTac03VsSimu
Entries 0
Data
Simu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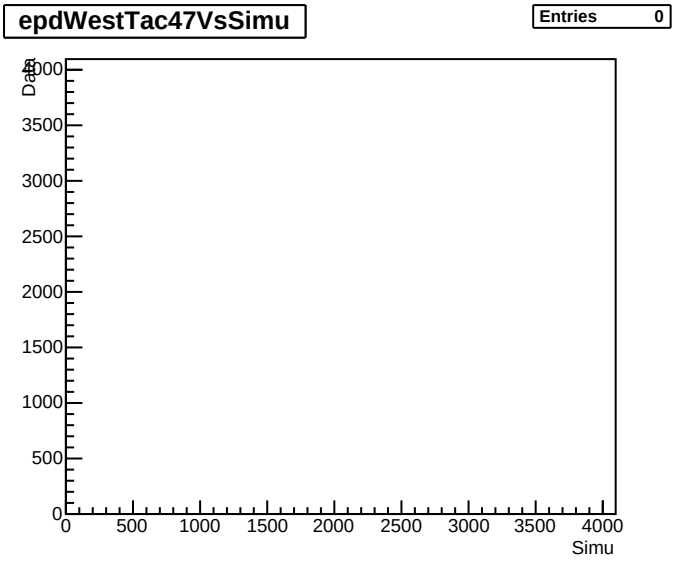
Entries 348206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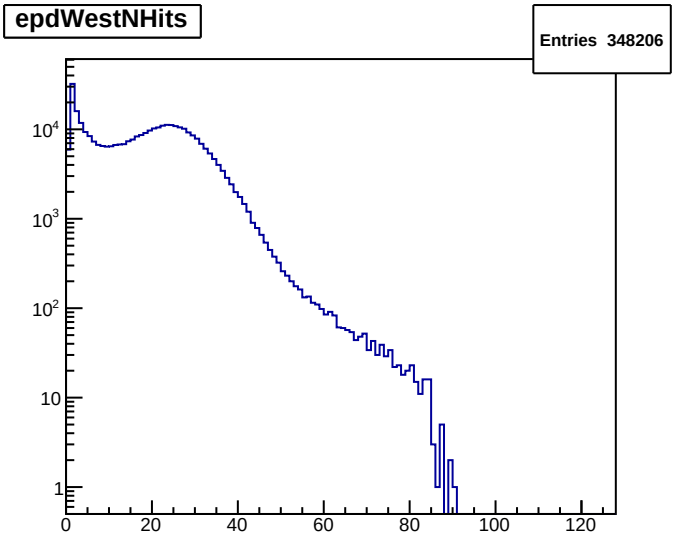
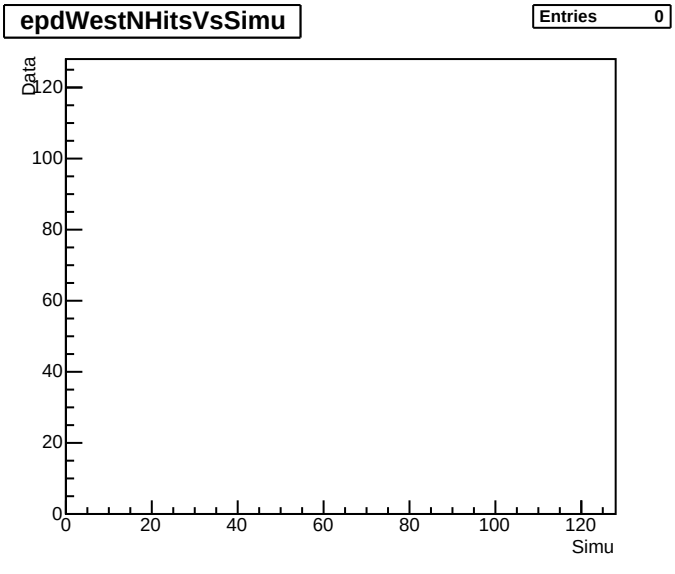
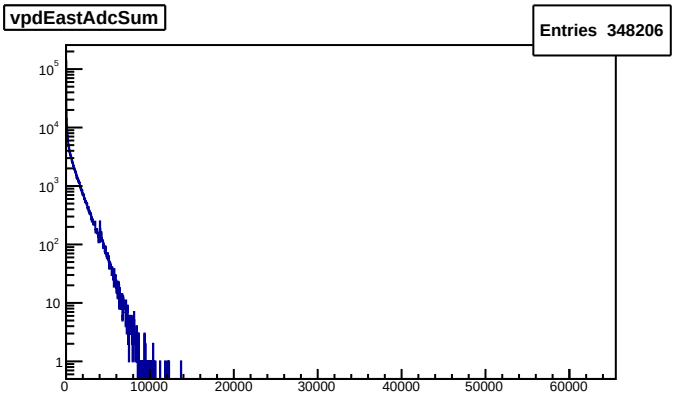
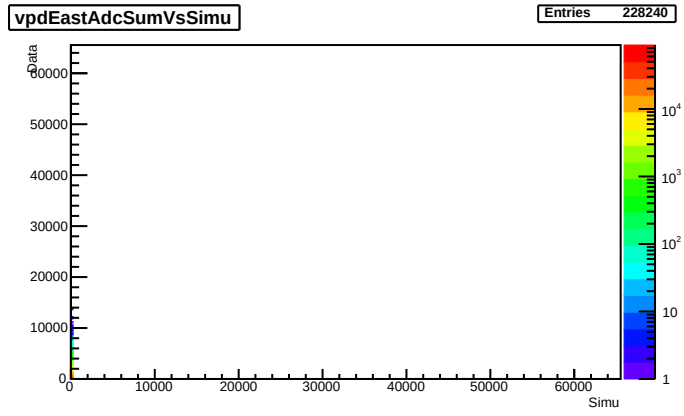
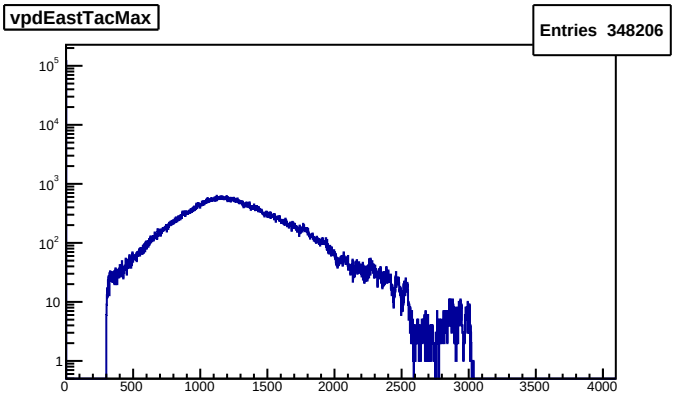
Entries 0
Data
Simu

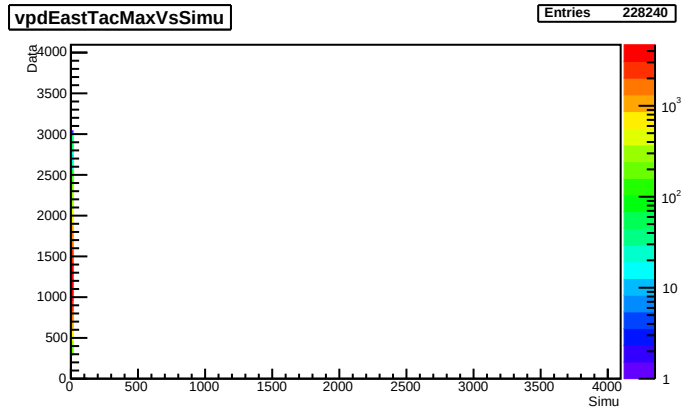

epdWestNHits
Entries 348206

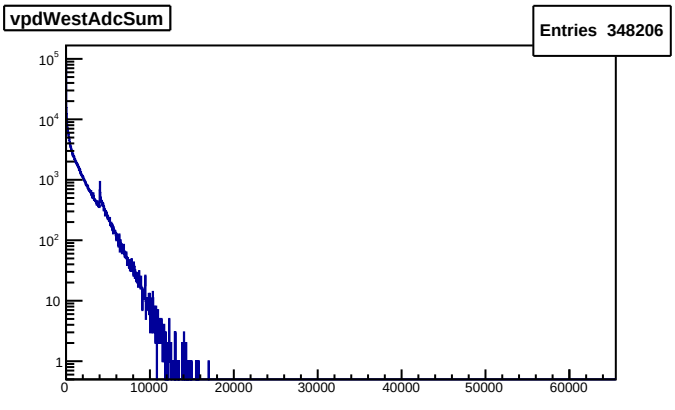

epdWestNHitsVsSimu
Entries 0
Data
Simu

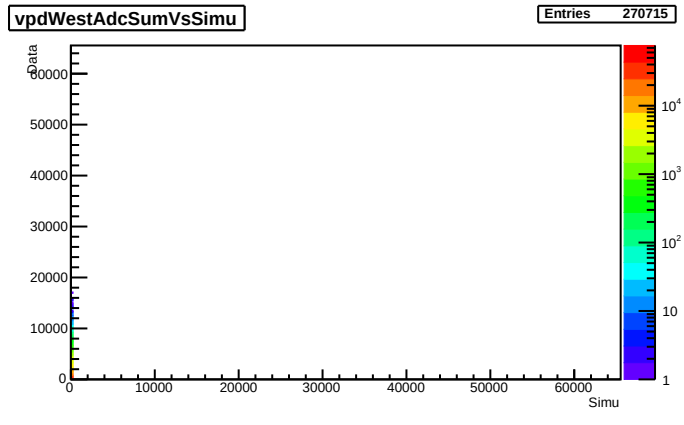

vpdEastAdcSum
Entries 348206

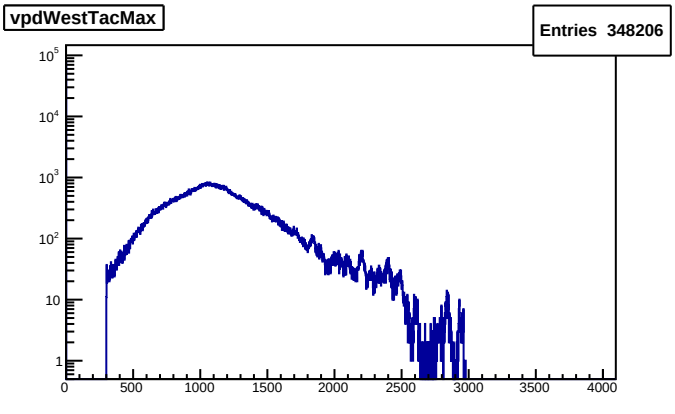

vpdEastAdcSumVsSimu
Entries 228240
Data
Simu

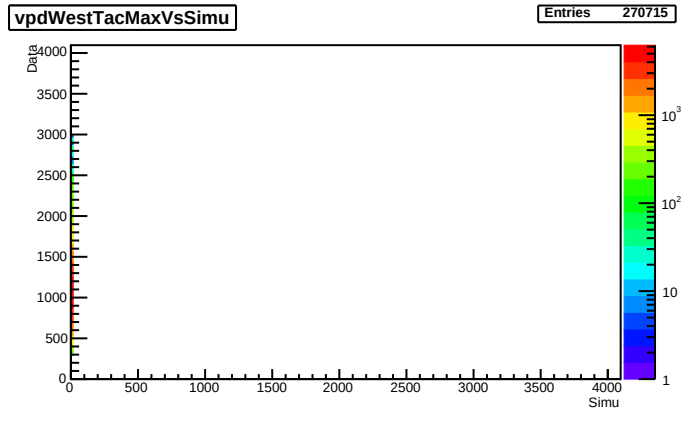

vpdEastTacMax
Entries 348206

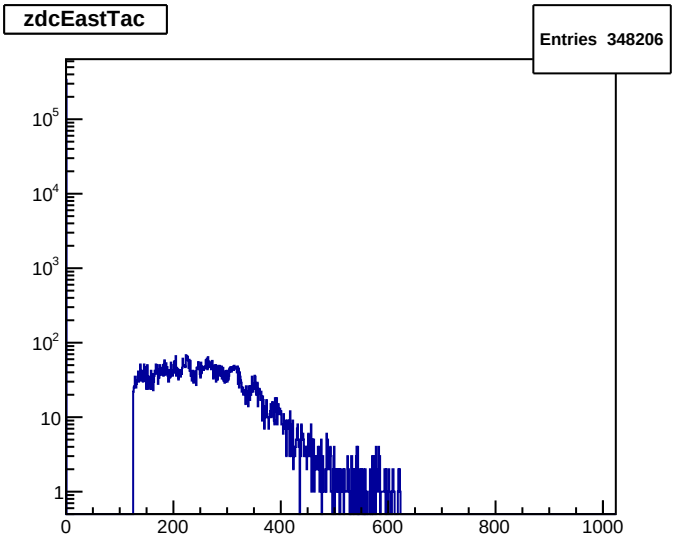

vpdEastTacMaxVsSimu
Entries 228240
Data
Simu

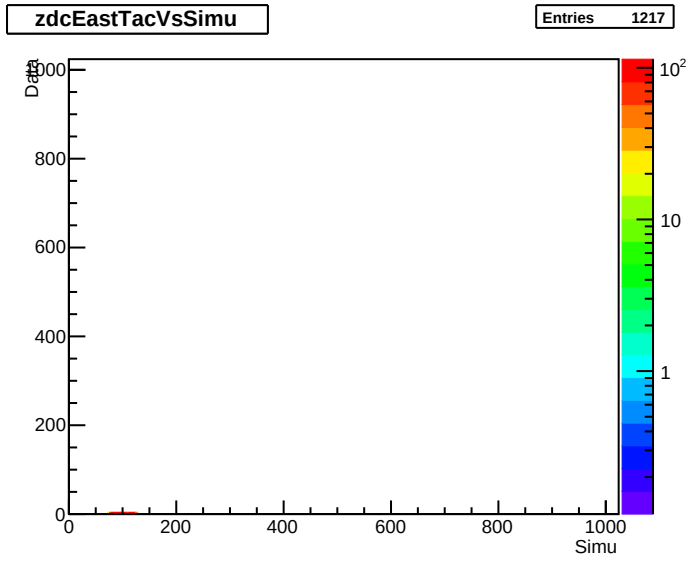

vpdWestAdcSum
Entries 348206

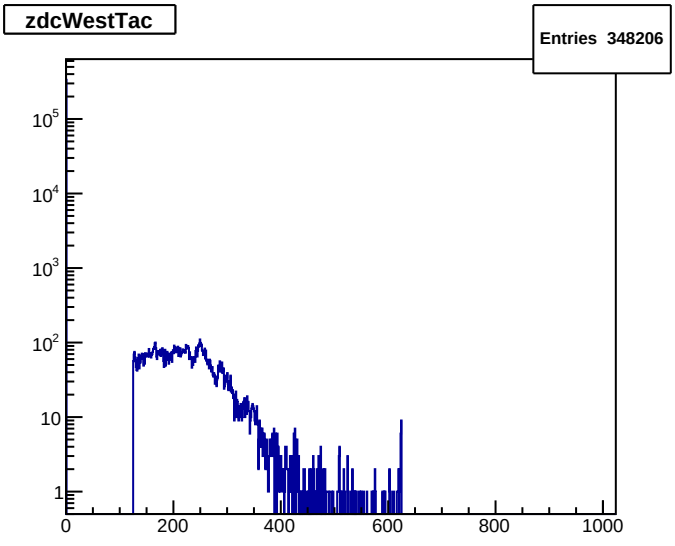

vpdWestAdcSumVsSimu
Entries 270715
Data
Simu

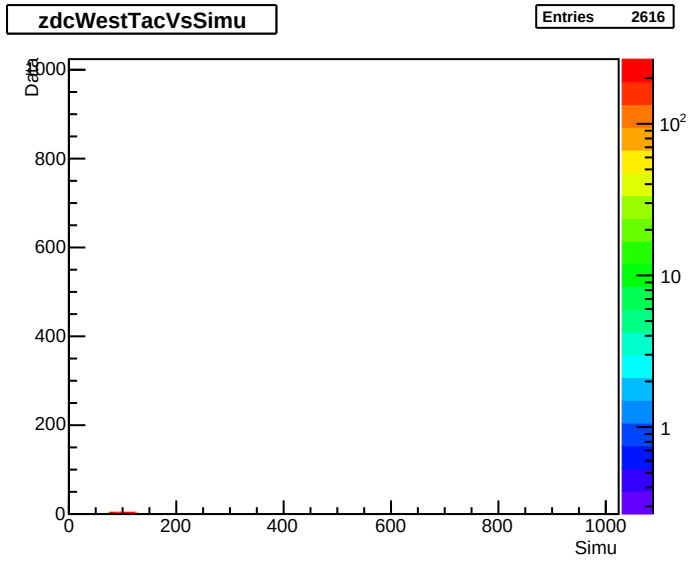

vpdWestTacMax
Entries 348206

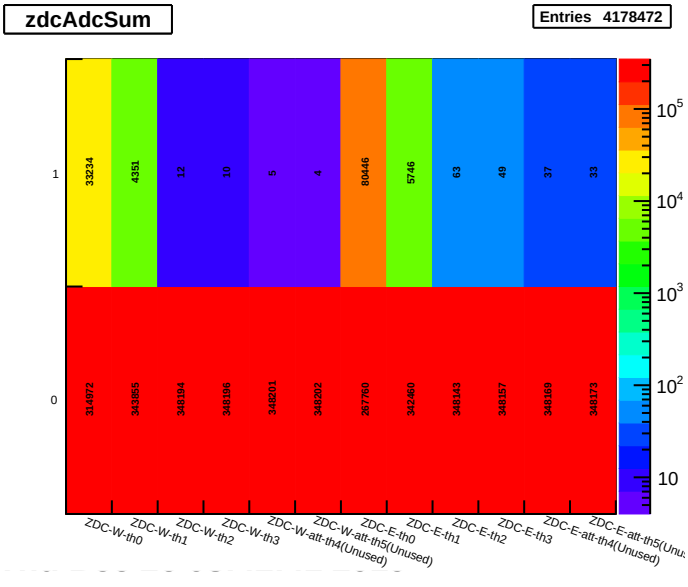

vpdWestTacMaxVsSimu
Entries 270715
Data
Simu

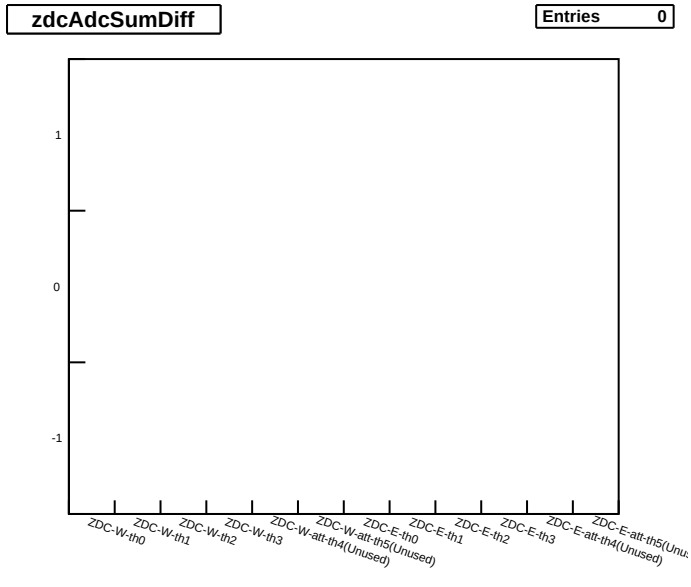

zdcEastTac
Entries 348206

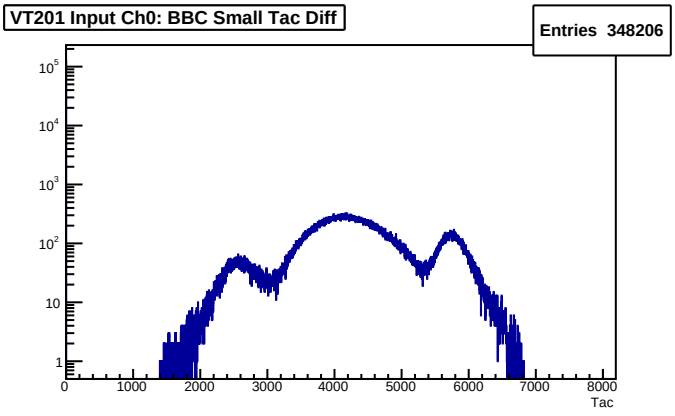

zdcEastTacVsSimu
Entries 1217
Data
Simu

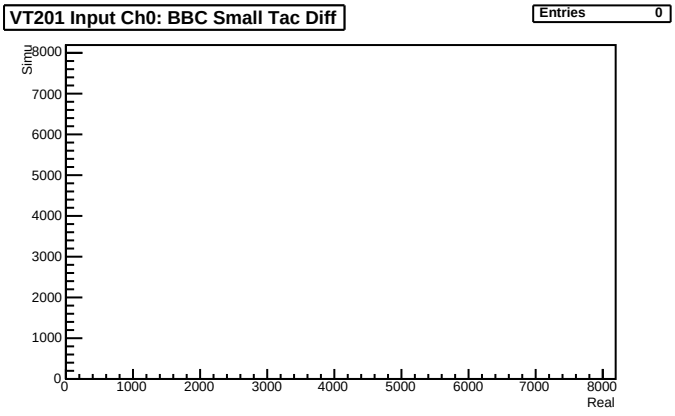

zdcWestTac
Entries 348206

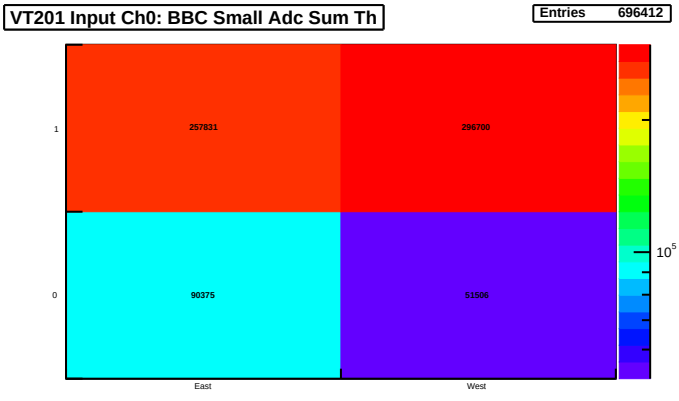

zdcWestTacVsSimu
Entries 2616
Data
Simu

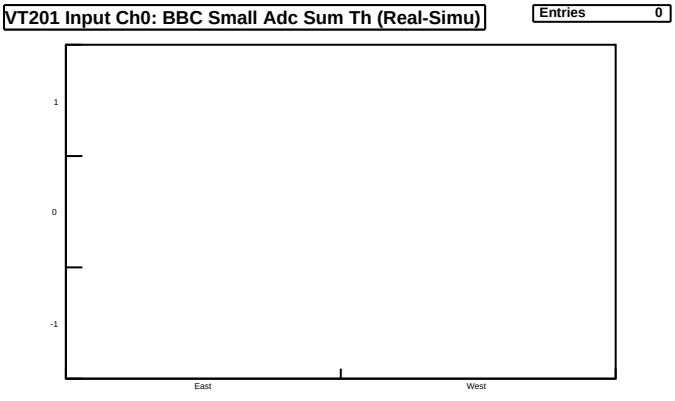

zdcAdcSum
Entries 4178472
33234
4351
12
10
5
4
80446
5746
63
49
37
33
314972
343855
348194
348196
348201
348202
267760
342460
348143
348157
348169
348173
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

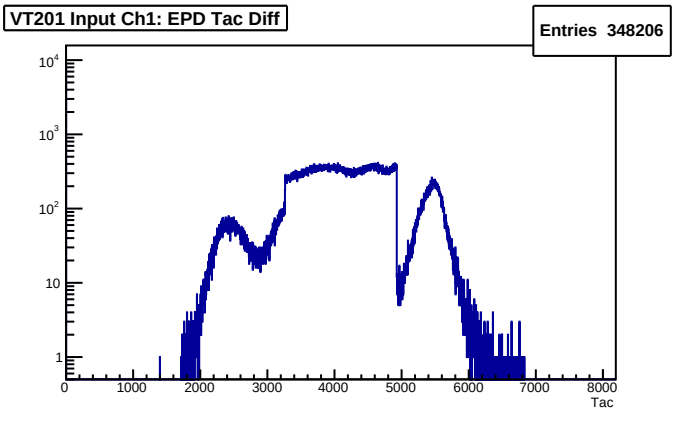

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

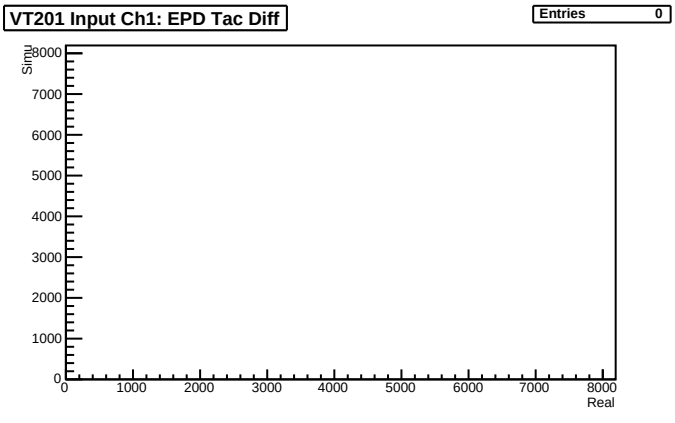

VT201 Input Ch0: BBC Small Tac Diff
Entries 348206
Tac

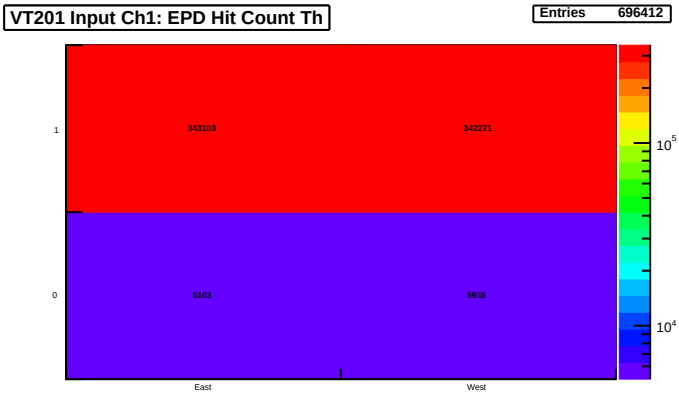

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

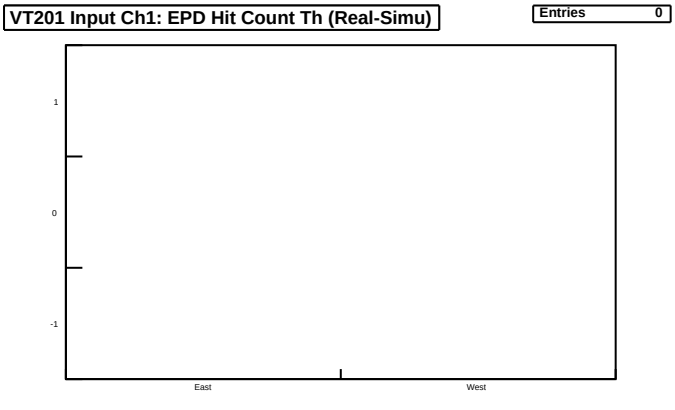

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 696412
257831
296700
90375
51506
East
West

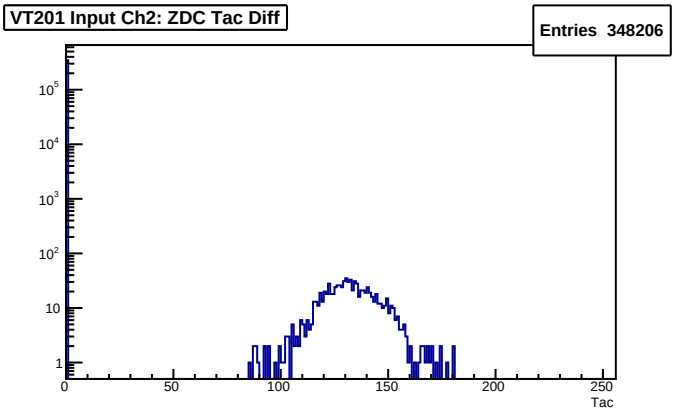

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

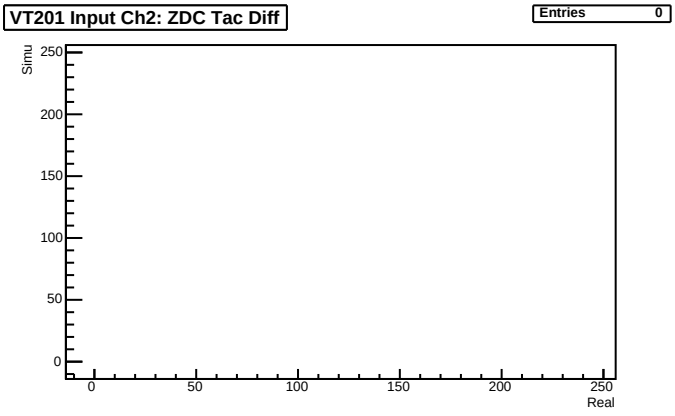

VT201 Input Ch1: EPD Tac Diff
Entries 348206
Tac

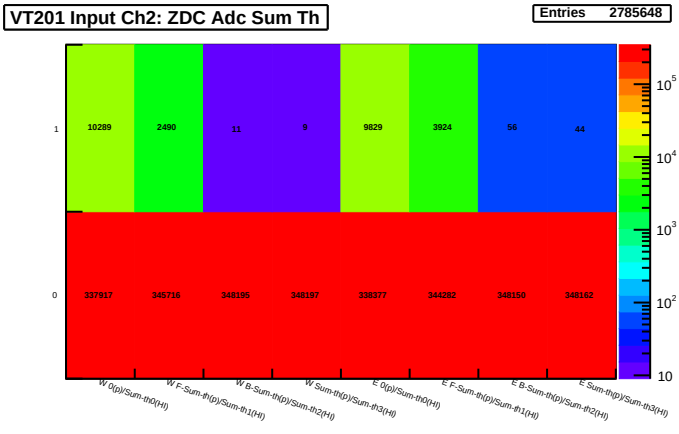

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

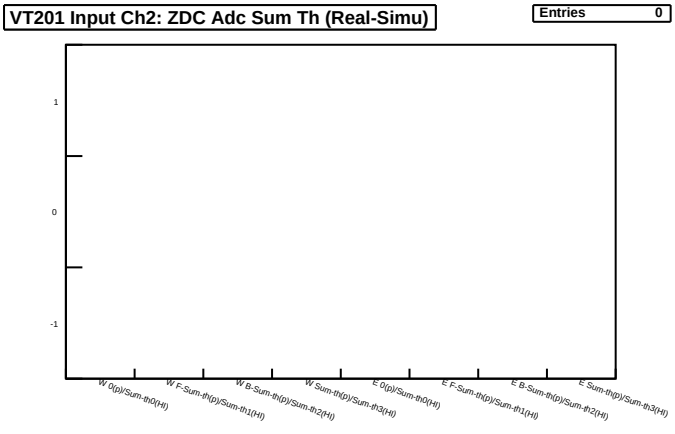

VT201 Input Ch1: EPD Hit Count Th
Entries 696412
343103
342271
5103
5935
East
West

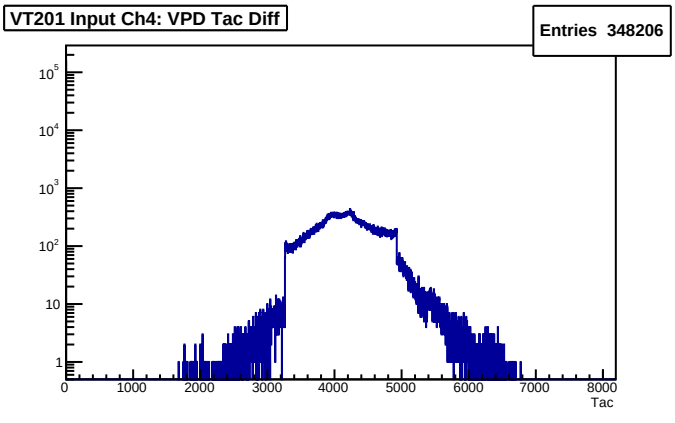

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

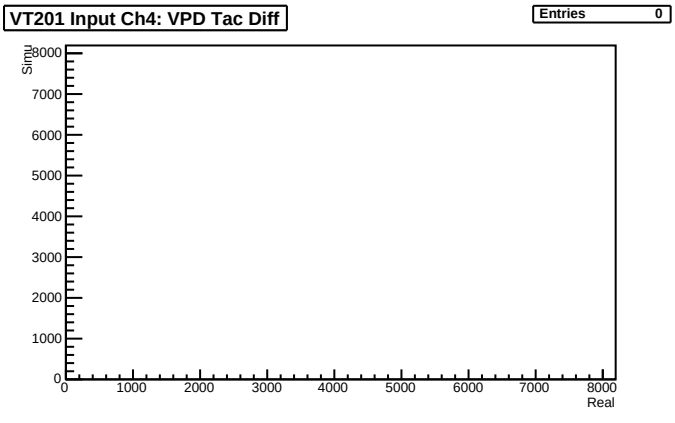

VT201 Input Ch2: ZDC Tac Diff
Entries 348206
Tac

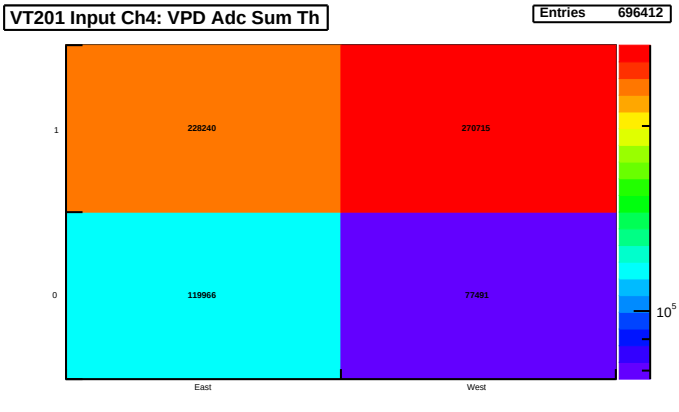

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

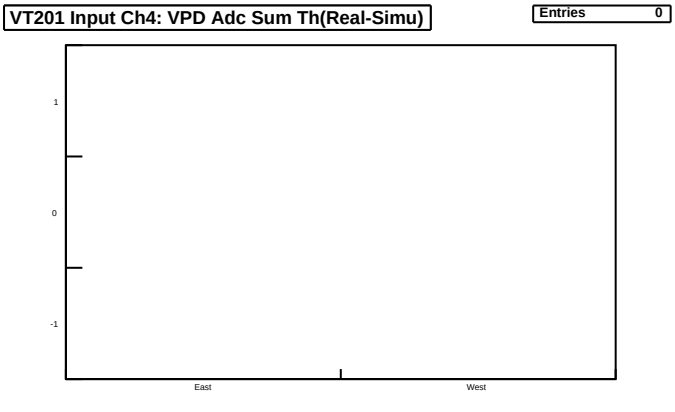

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2785648
10289
2490
11
9
9829
3924
56
44
337917
345716
348195
348197
338377
344282
348150
348162
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

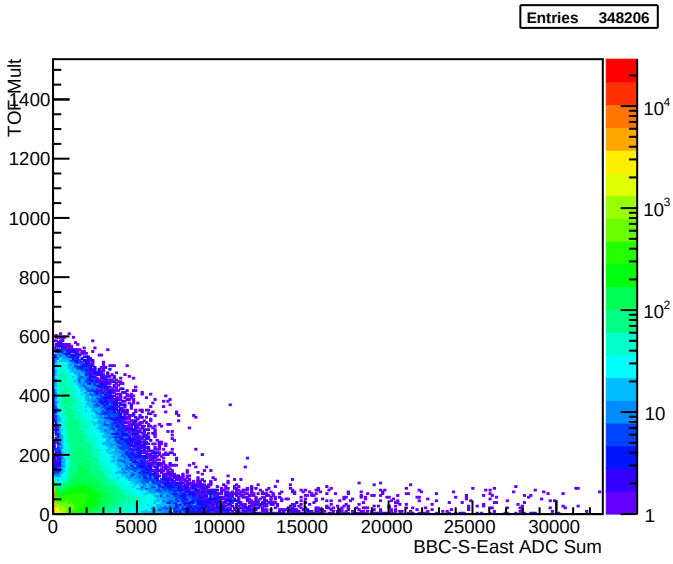

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

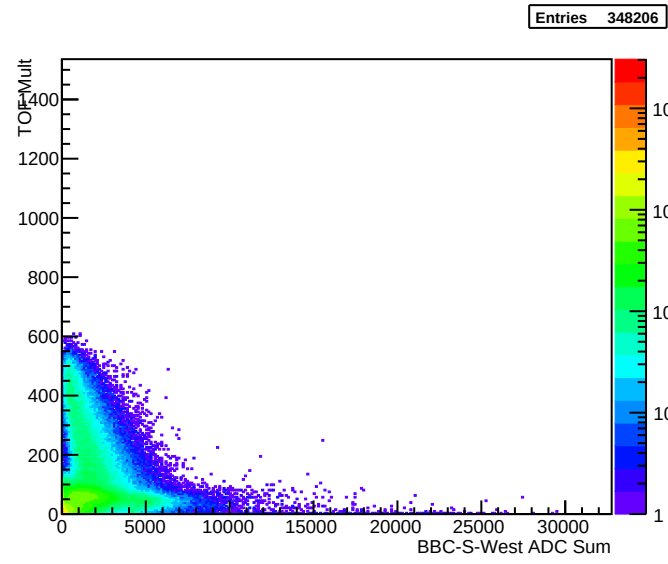

VT201 Input Ch4: VPD Tac Diff
Entries 348206
Tac

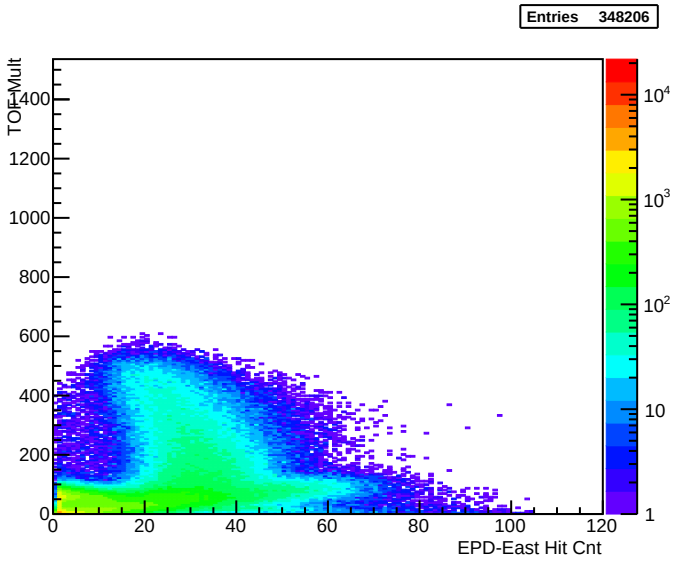

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

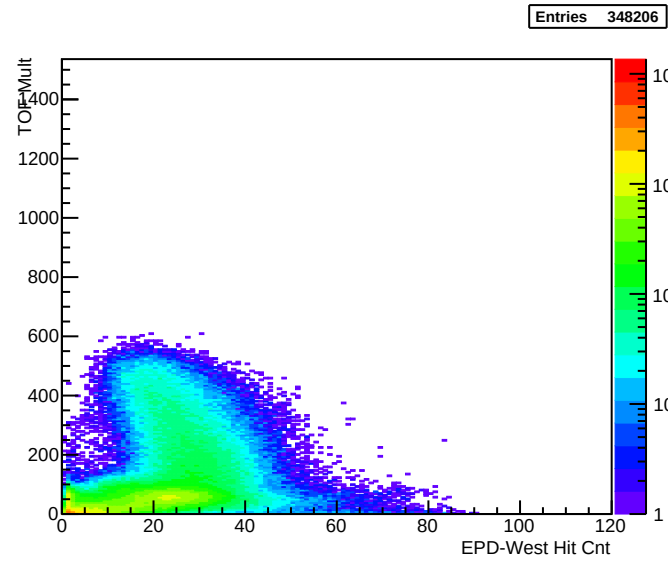

VT201 Input Ch4: VPD Adc Sum Th
Entries 696412
228240
270715
119966
77491
East
West

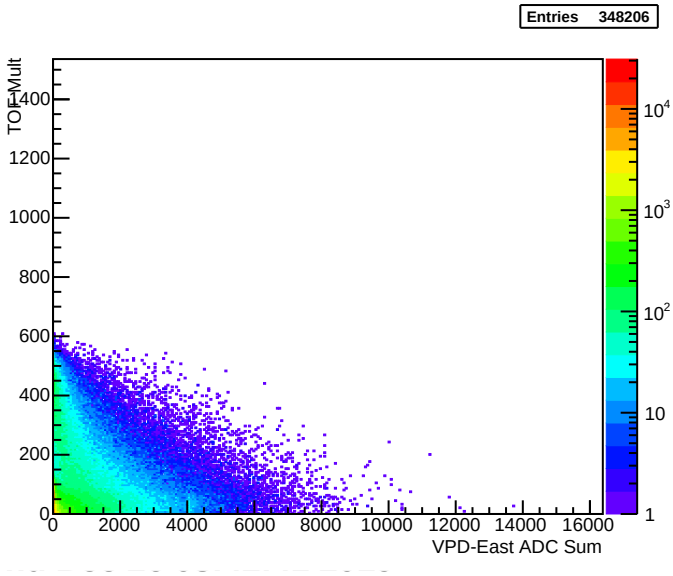

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

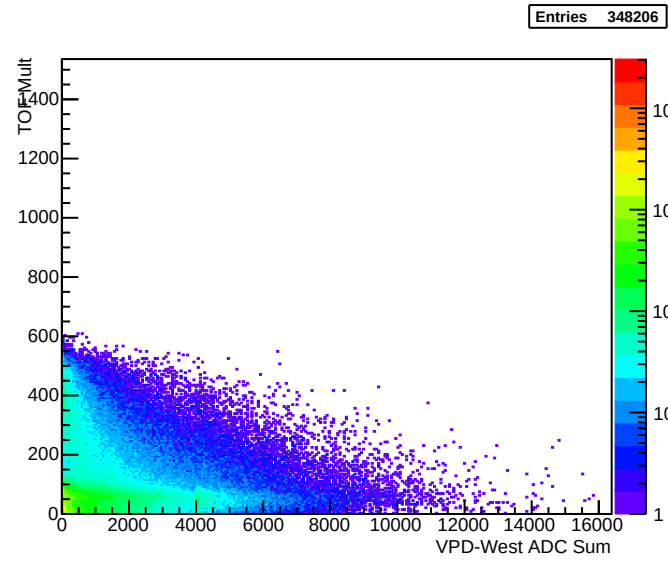

Entries 348206
TOF-Mult
BBC-S-East ADC Sum

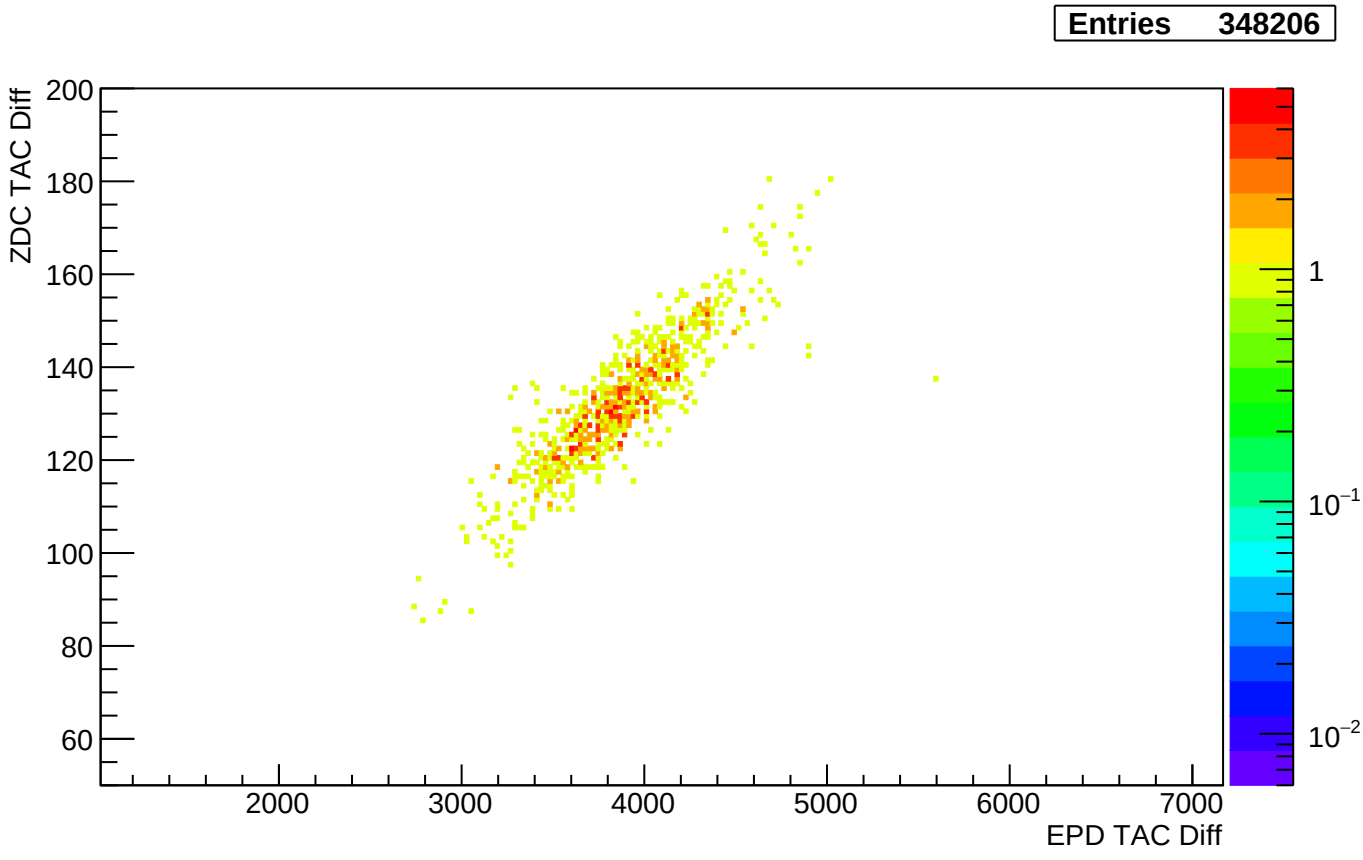

Entries 348206
TOF-Mult
BBC-S-West ADC Sum

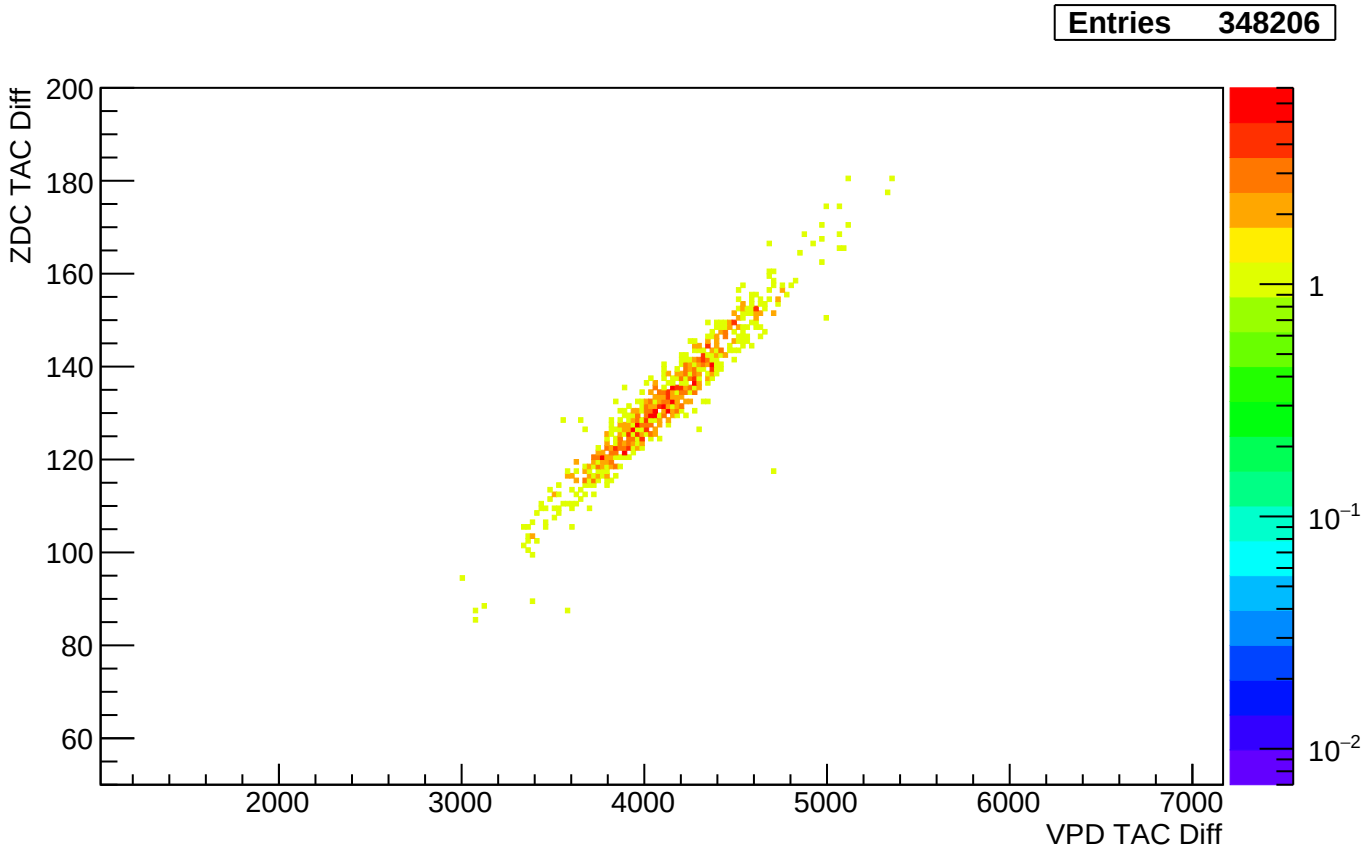

Entries 348206
TOF-Mult
EPD-East Hit Cnt

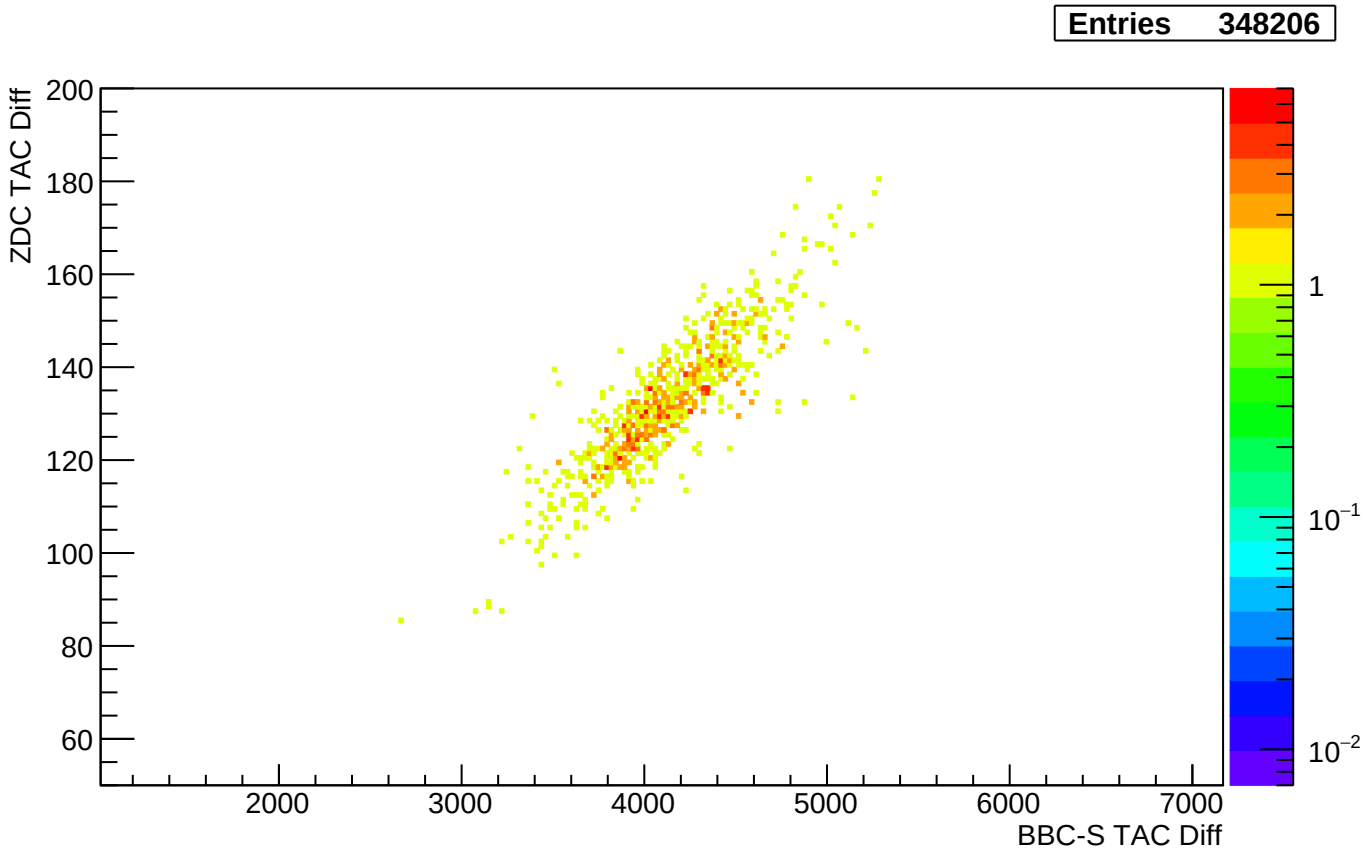

Entries 348206
TOF-Mult
EPD-West Hit Cnt

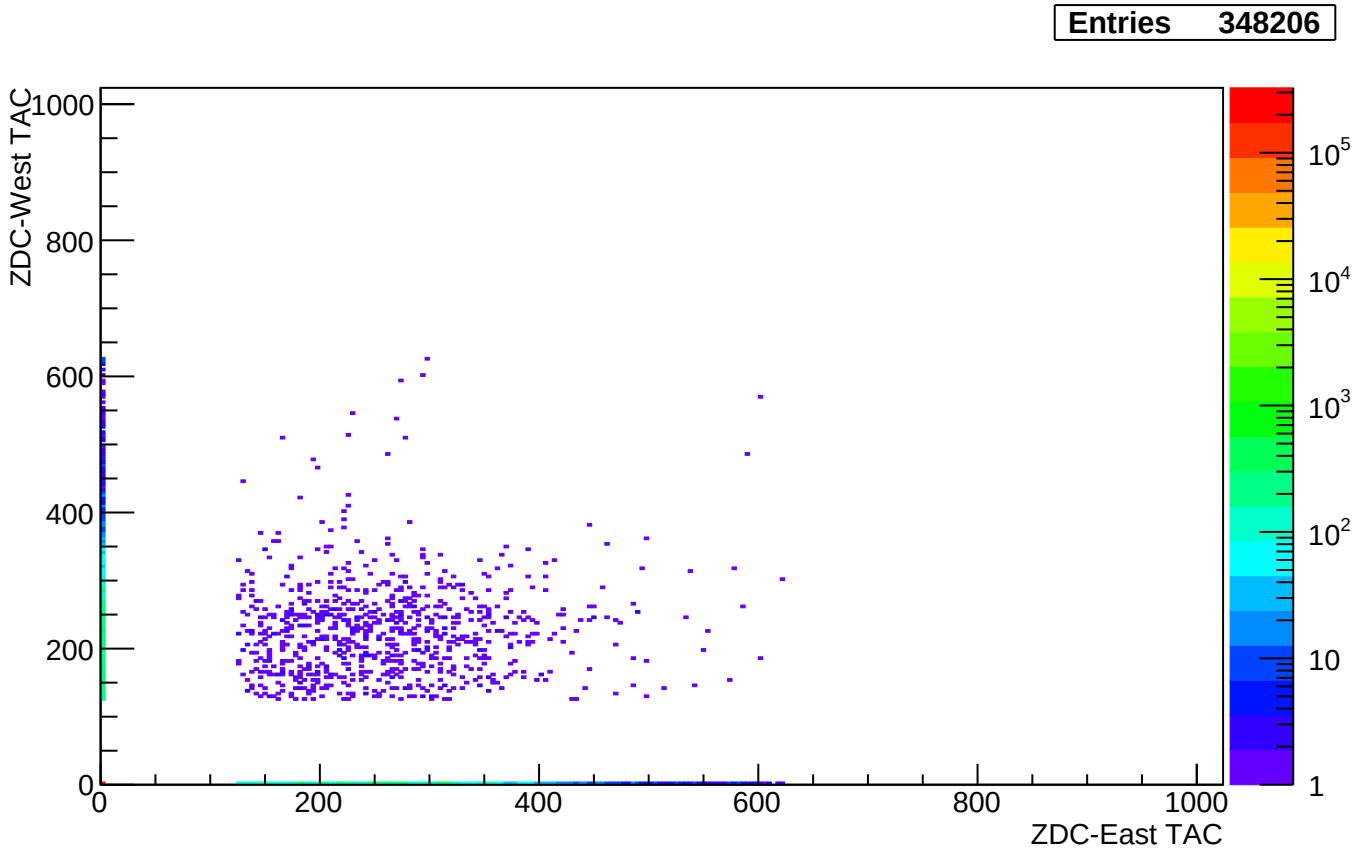

Entries 348206
TOF-Mult
VPD-East ADC Sum

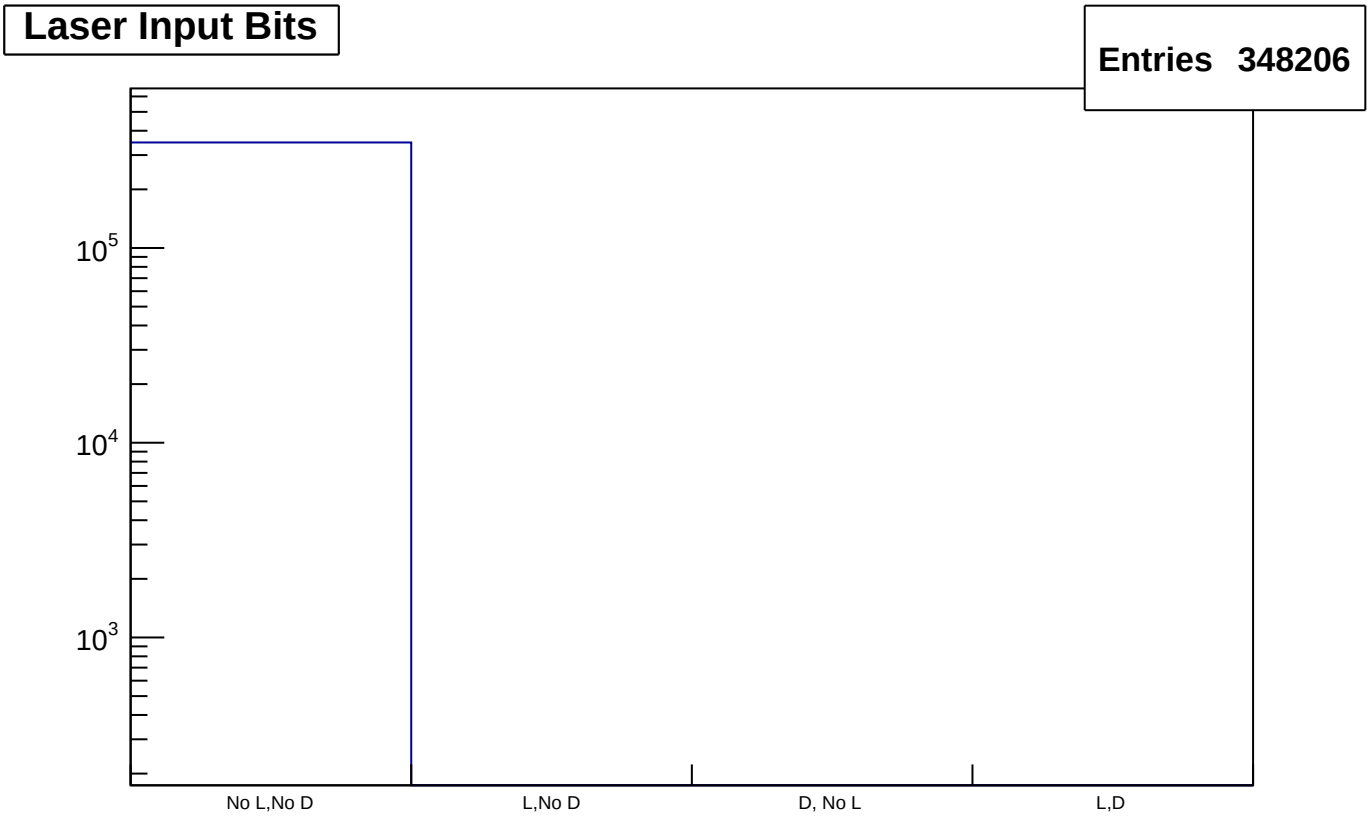

Entries 348206
TOF-Mult
VPD-West ADC Sum

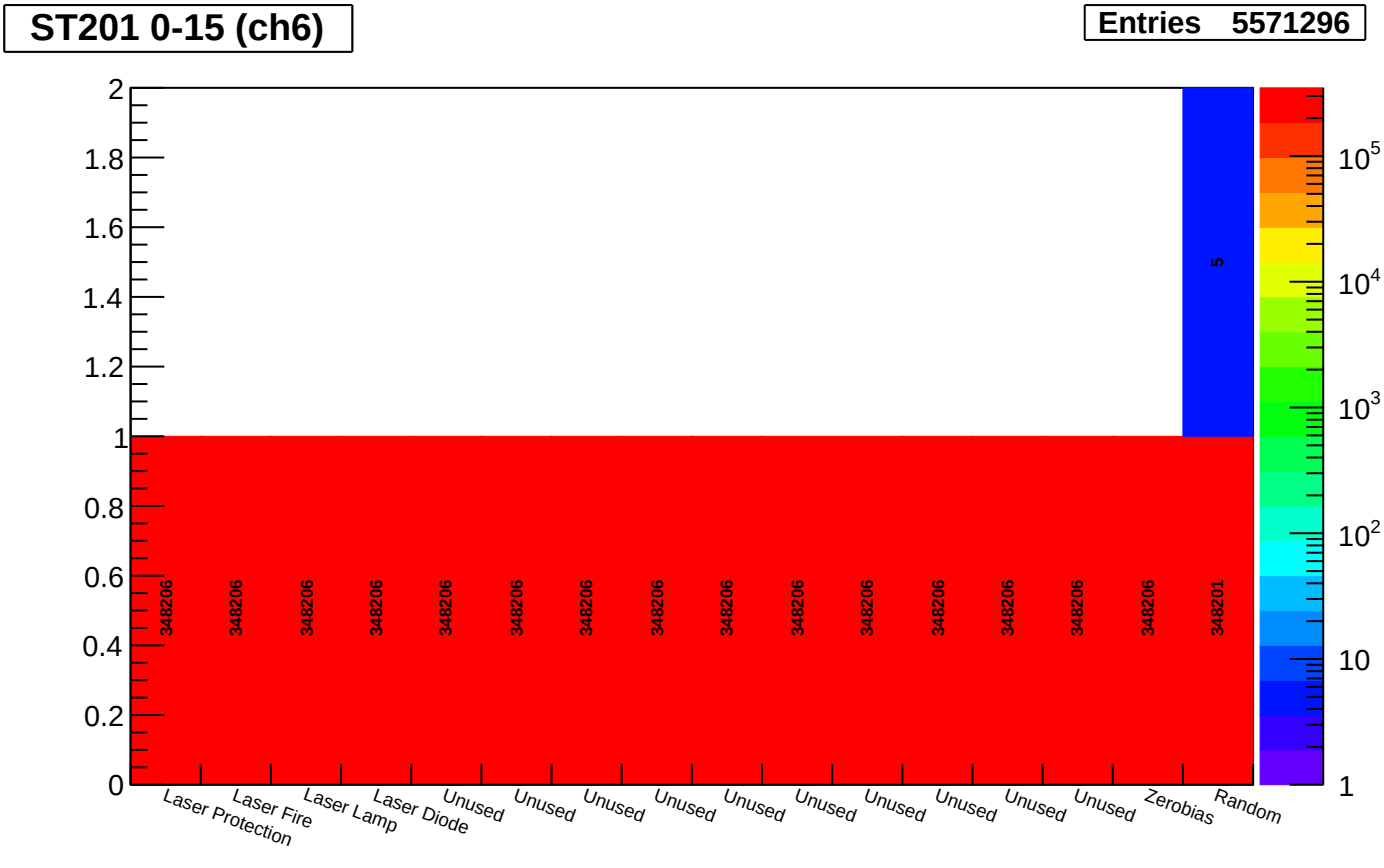

Entries 348206
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

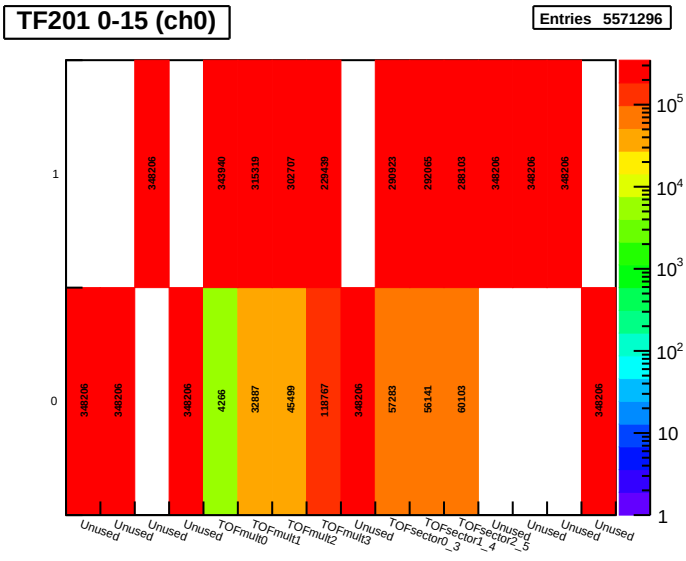

Entries 348206
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

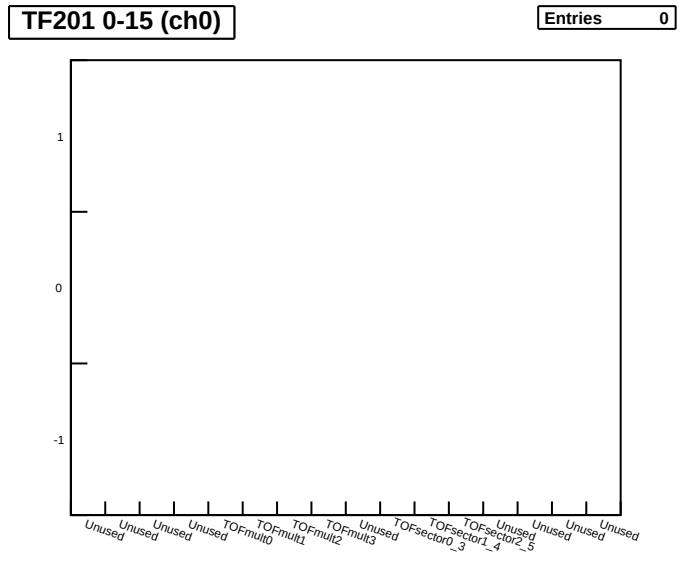

Entries 348206
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

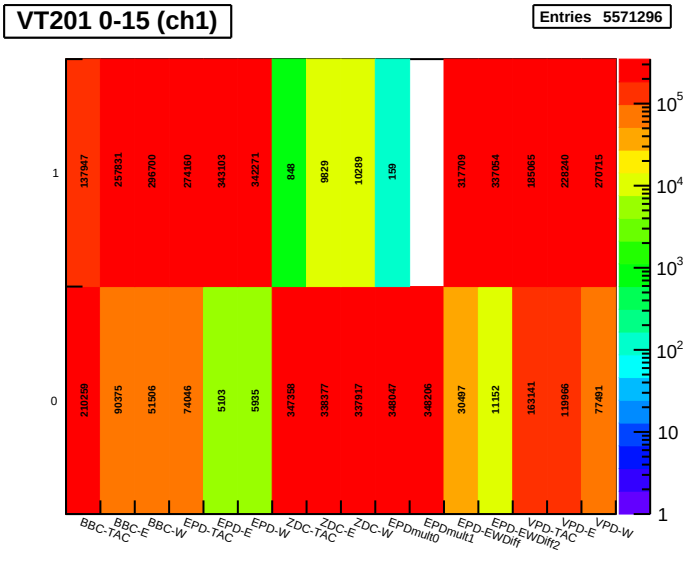

Entries 348206
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

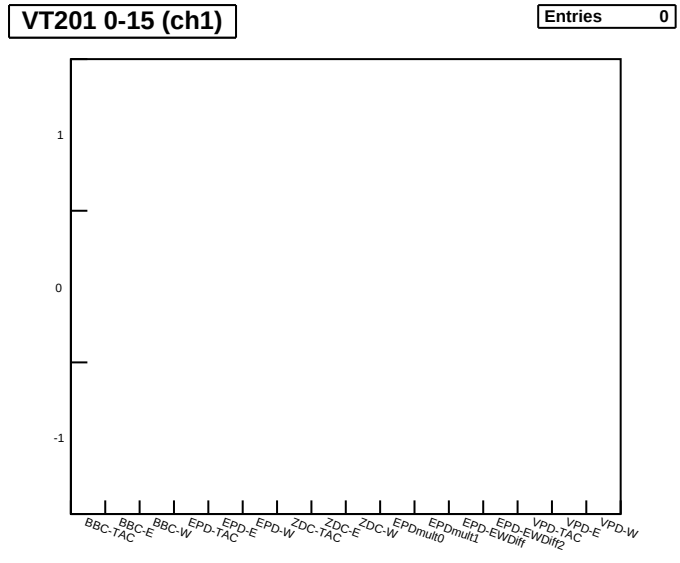

Laser Input Bits
Entries 348206
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

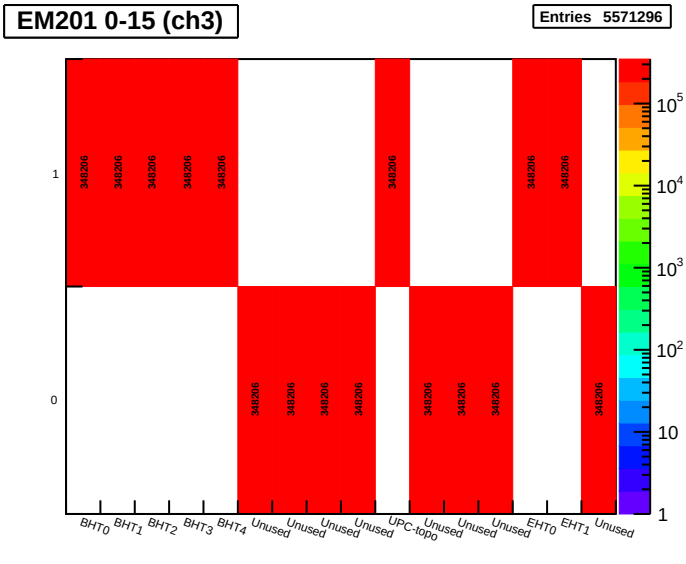

ST201 0-15 (ch6)
Entries 5571296
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10^5
10^4
10^3
10^2
10
1
5
348206
348201
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

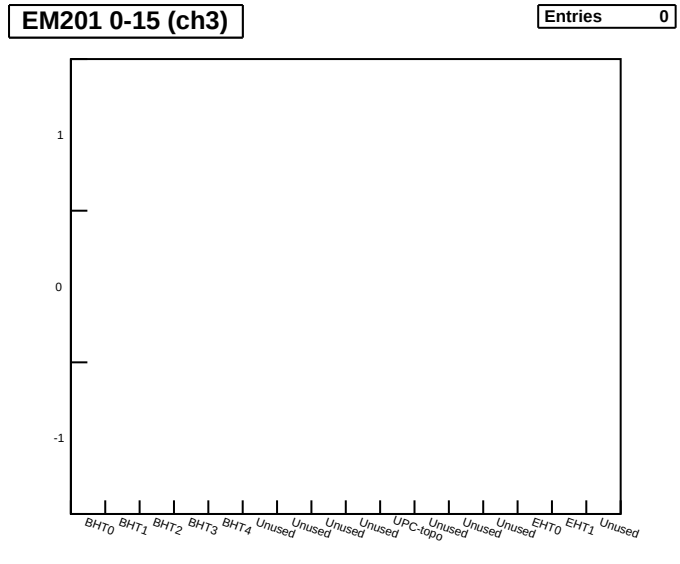

TF201 0-15 (ch0)
Entries 5571296
1
0
348206 348206 348206 348206 343940 315319 302707 229439 290923 292065 288103 348206 348206 348206
348206 348206 348206 4266 32887 45499 118767 348206 57283 56141 60103 348206
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 5571296
1
0
137947 257831 296700 274160 343103 342271 848 9829 10289 159 317709 337054 185065 228240 270715
210259 90375 51506 74046 5103 5935 347358 338377 337917 348047 348206 30497 11152 163141 119966 77491
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 5571296
1
0
348206 348206 348206 348206 348206 348206 348206 348206 348206
348206 348206 348206 348206 348206 348206 348206 348206
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