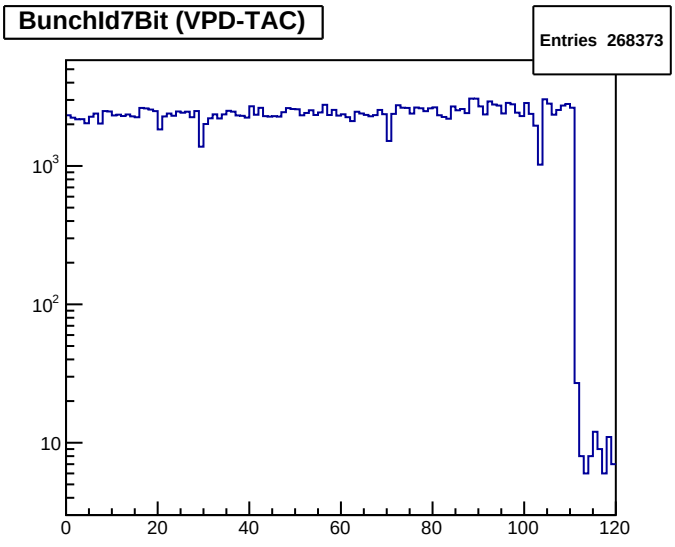
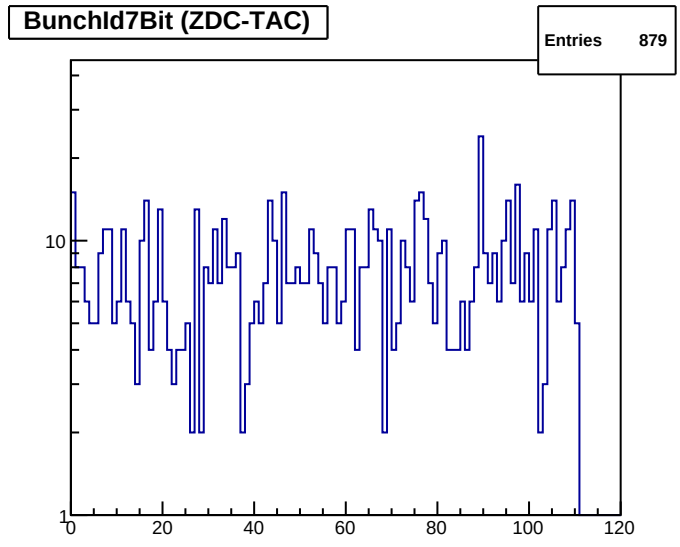
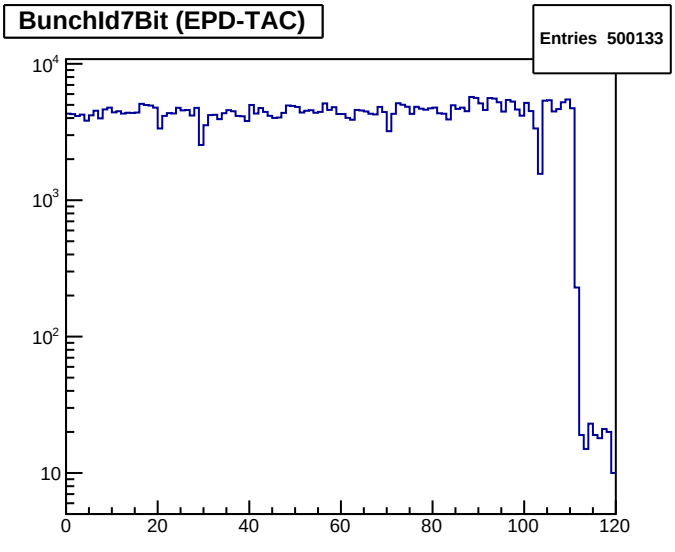
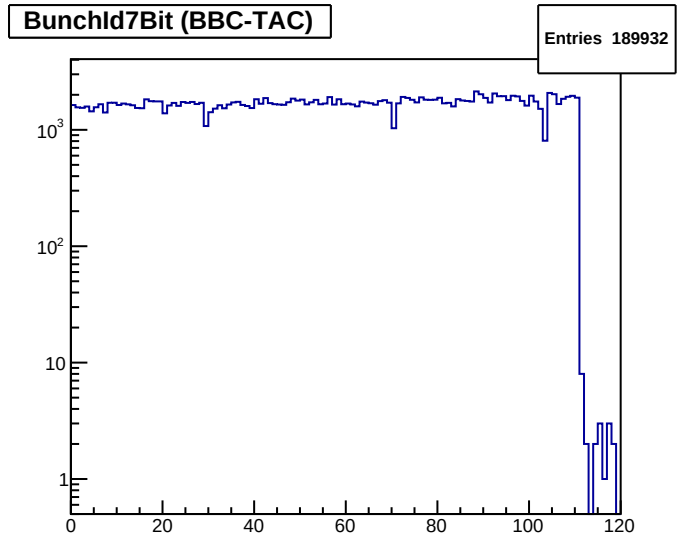
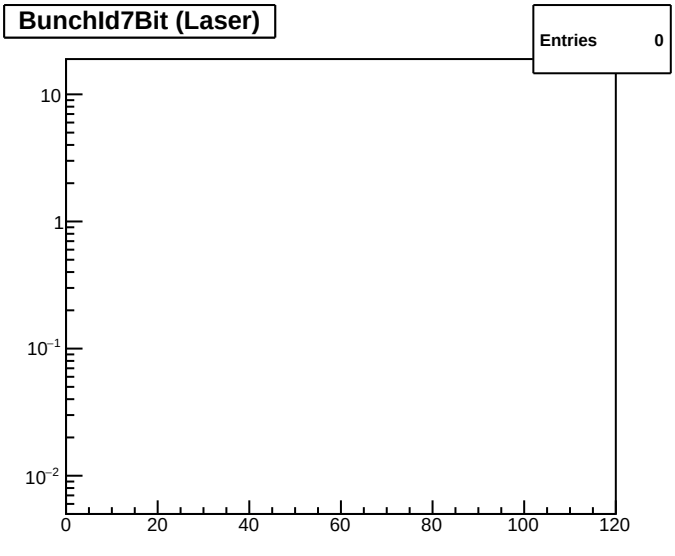
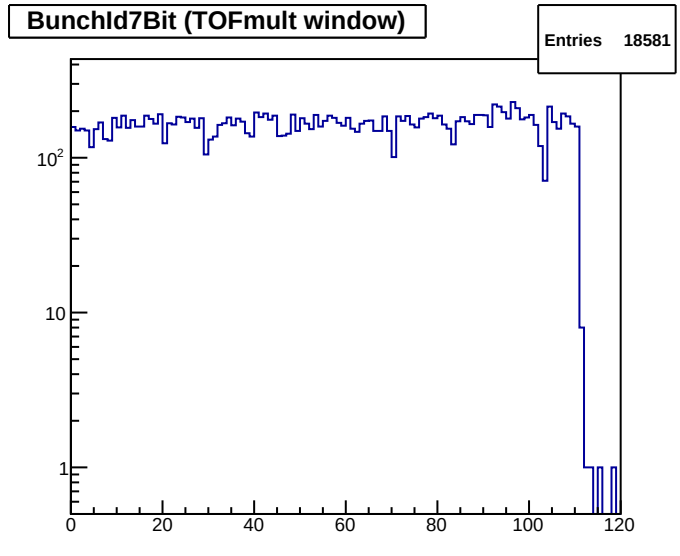

BunchId7Bit (VPD-TAC)
Entries 268373

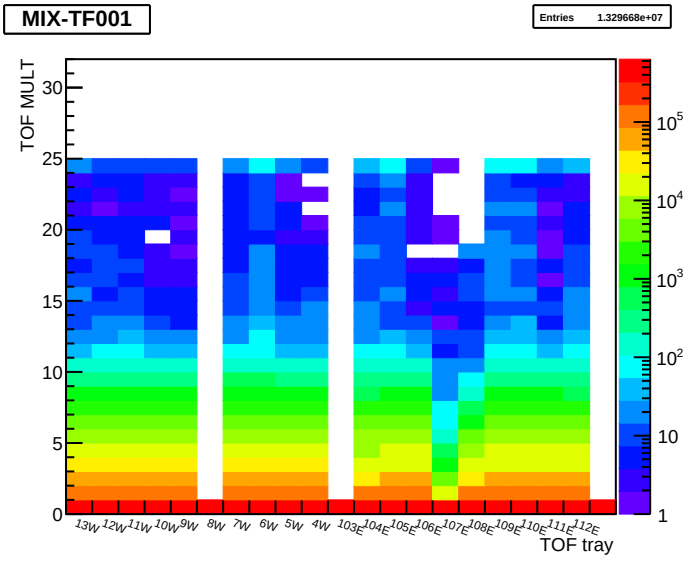

BunchId7Bit (ZDC-TAC)
Entries 879

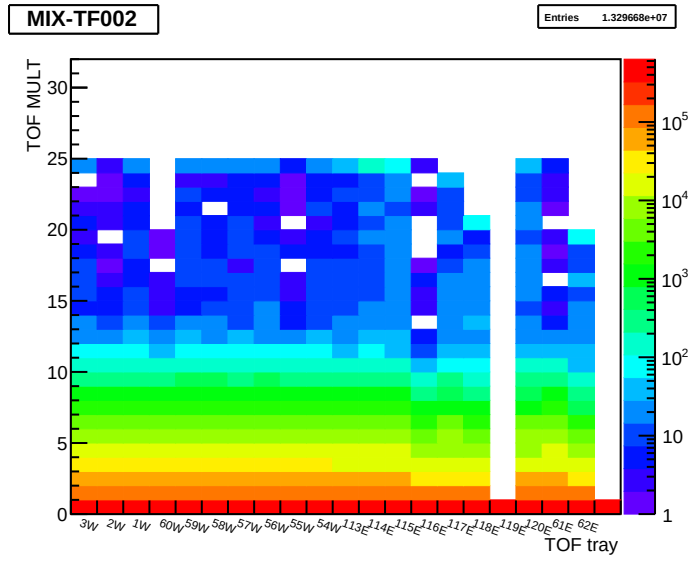

BunchId7Bit (EPD-TAC)
Entries 500133

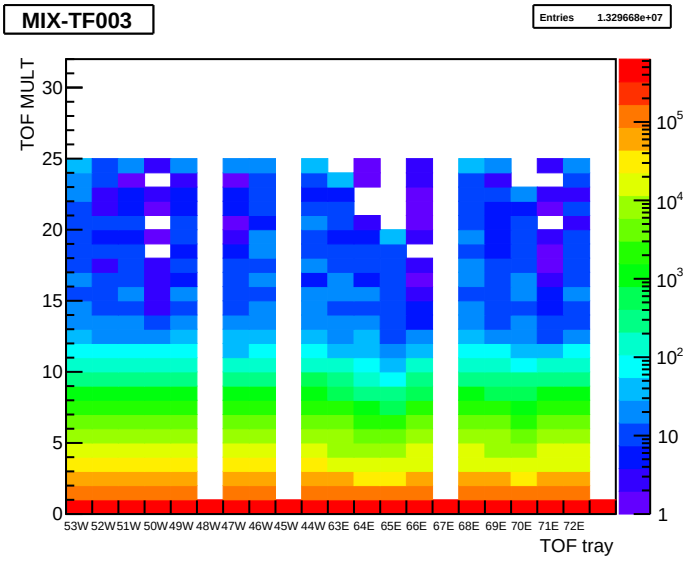

BunchId7Bit (BBC-TAC)
Entries 189932

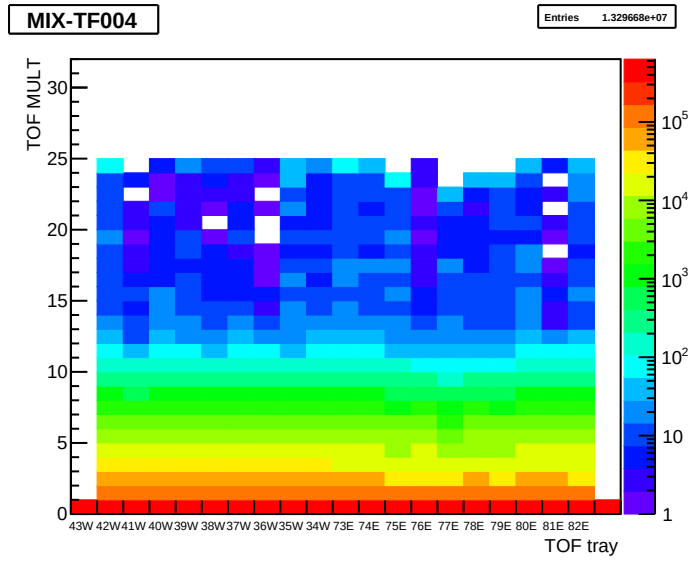

BunchId7Bit (Laser)
Entries 0

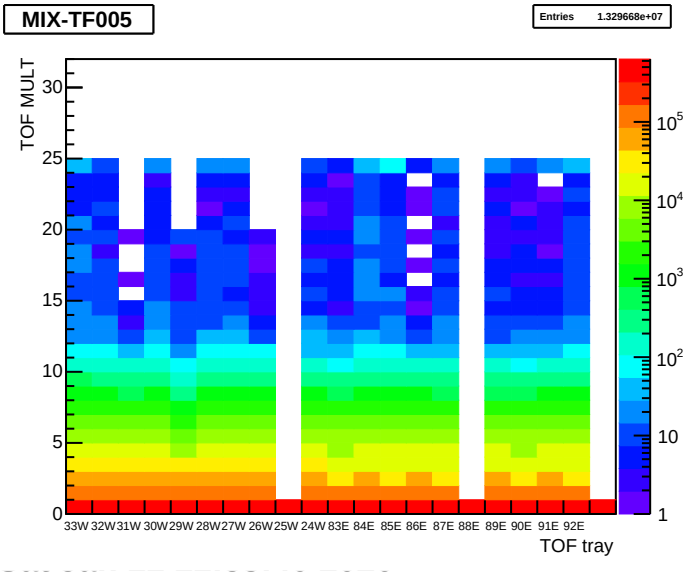

BunchId7Bit (TOFmult window)
Entries 18581

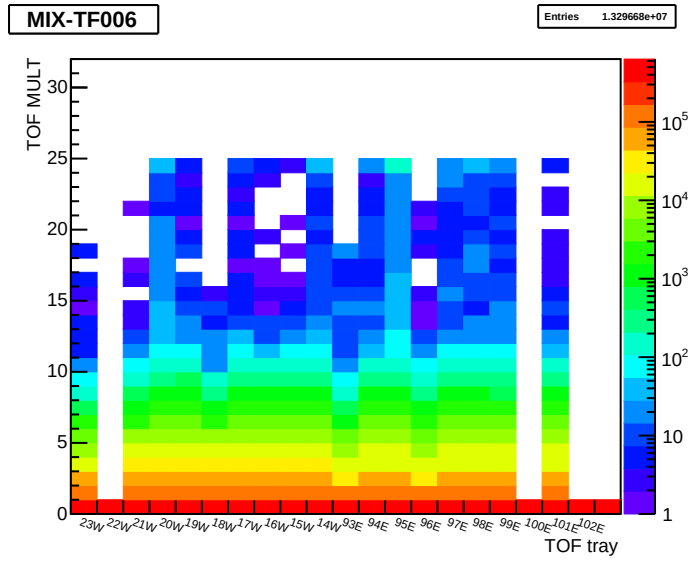

MIX-TF001
Entries 1.329668e+07
TOF MULT
TOF tray

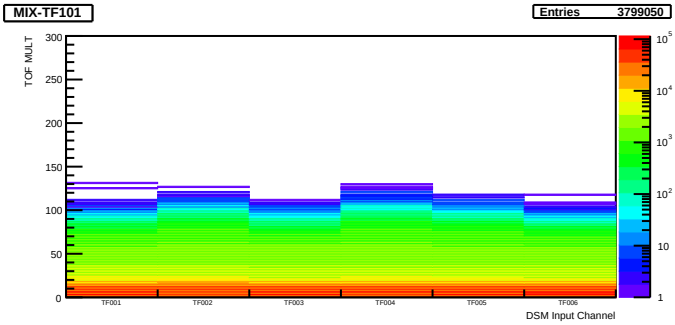

MIX-TF002
Entries 1.329668e+07
TOF MULT
TOF tray

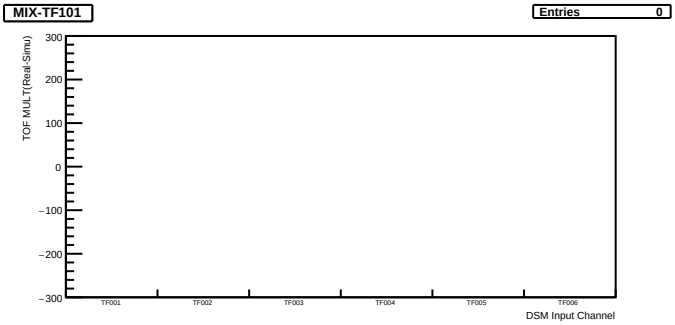

MIX-TF003
Entries 1.329668e+07
TOF MULT
TOF tray

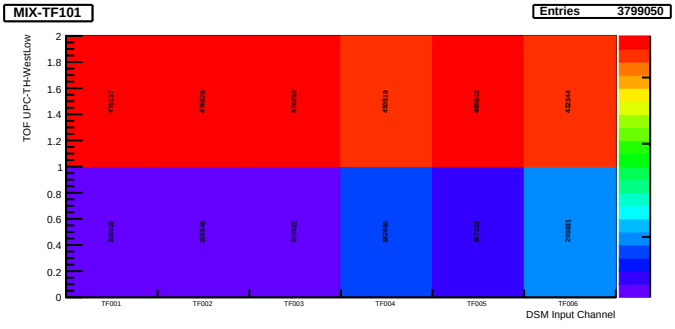

MIX-TF004
Entries 1.329668e+07
TOF MULT
TOF tray

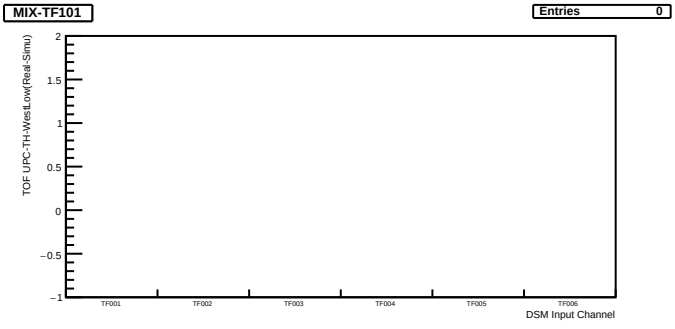

MIX-TF005
Entries 1.329668e+07
TOF MULT
TOF tray

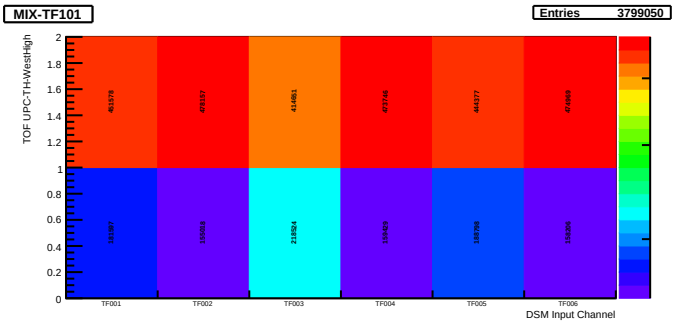

MIX-TF006
Entries 1.329668e+07
TOF MULT
TOF tray

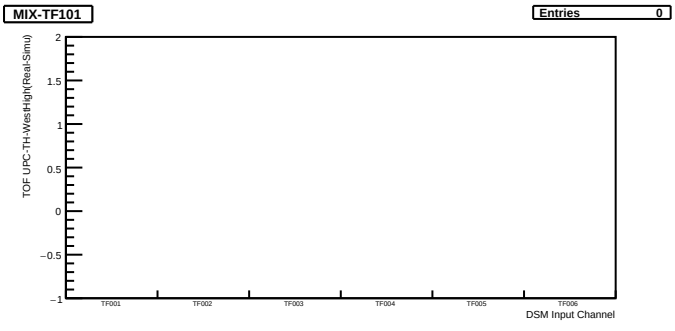

MIX-TF101
Entries 3799050
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

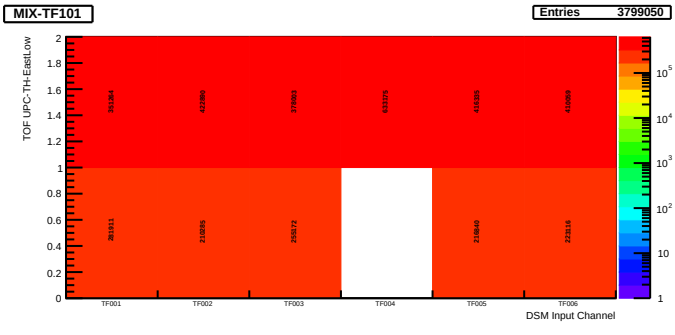

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

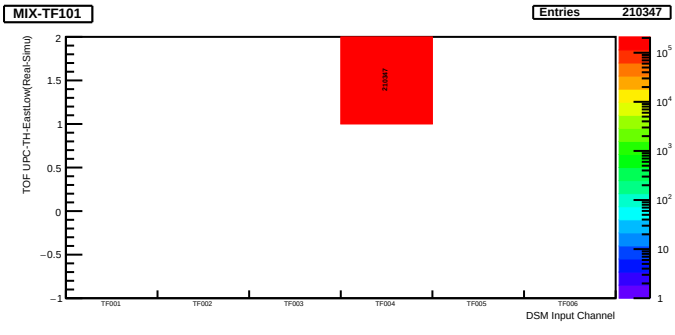

MIX-TF101
Entries 3799050
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

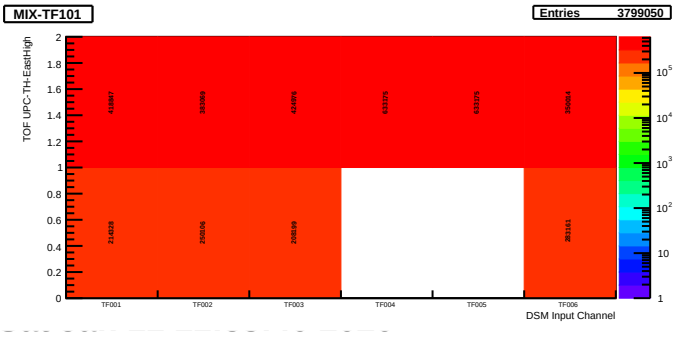

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

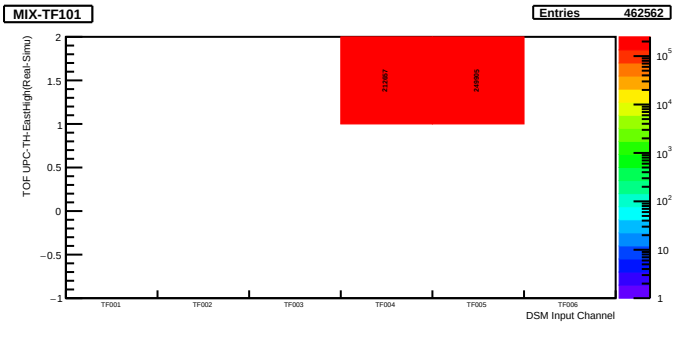

MIX-TF101
Entries 3799050
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

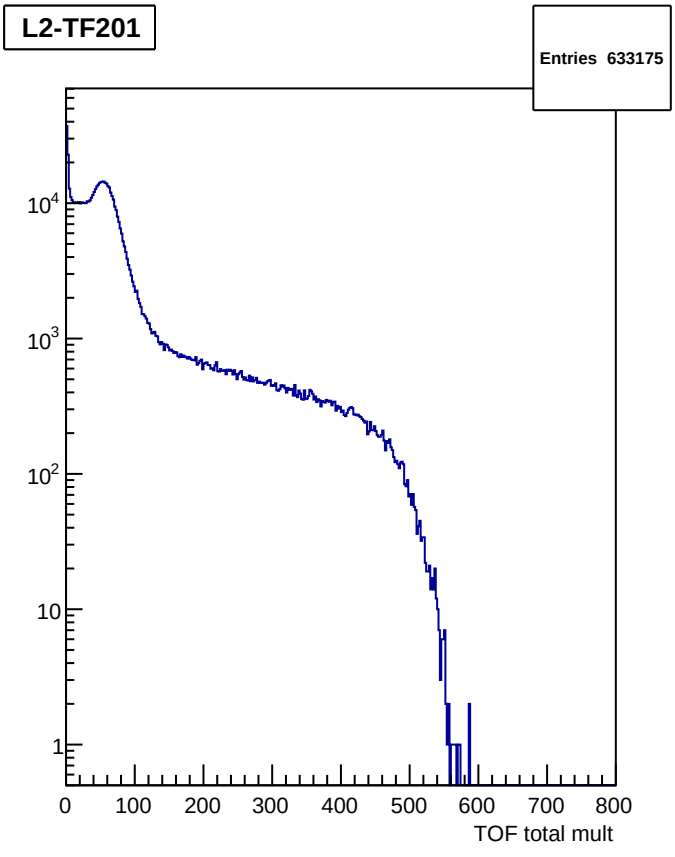

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

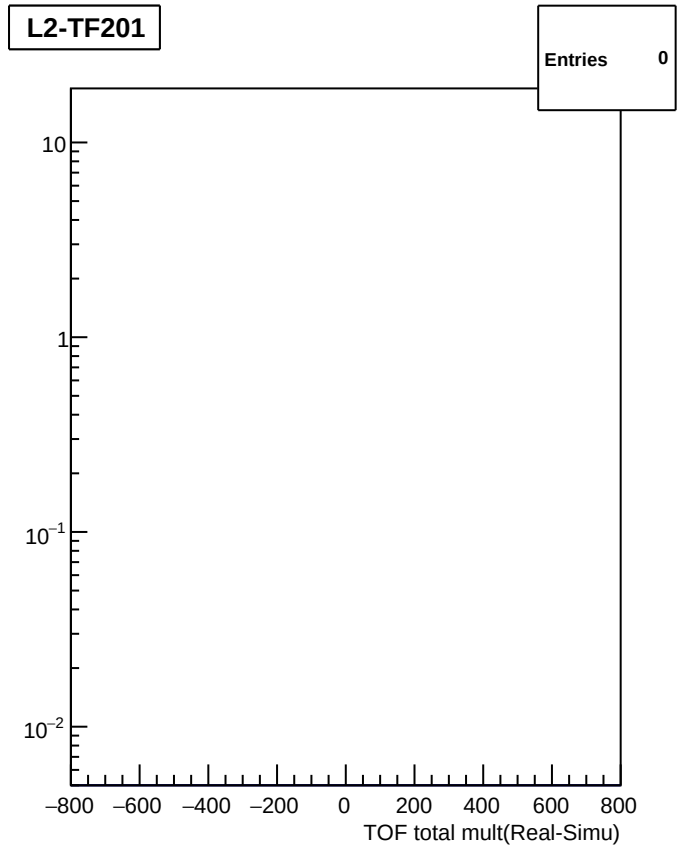

MIX-TF101
Entries 3799050
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

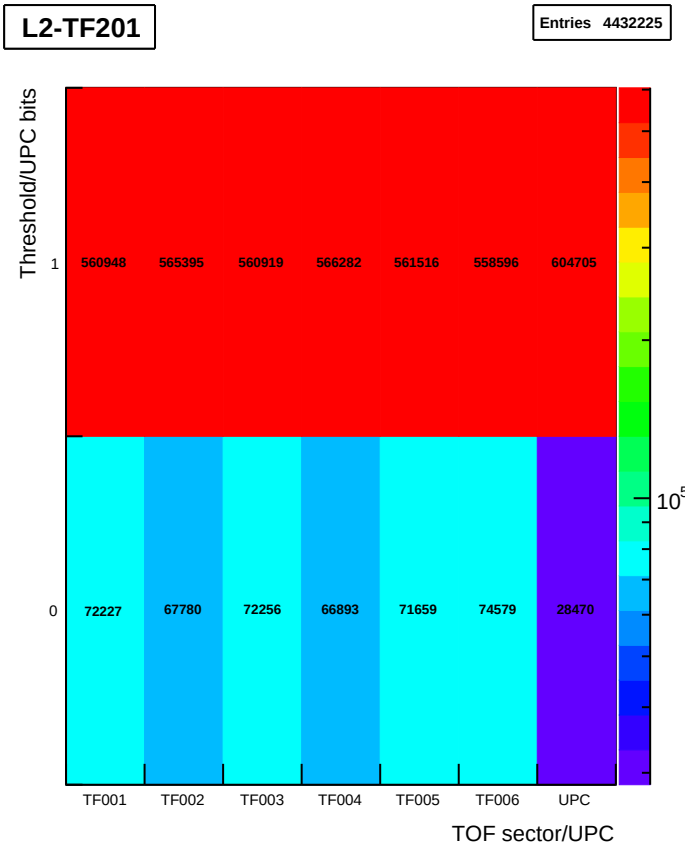

MIX-TF101
Entries 210347
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

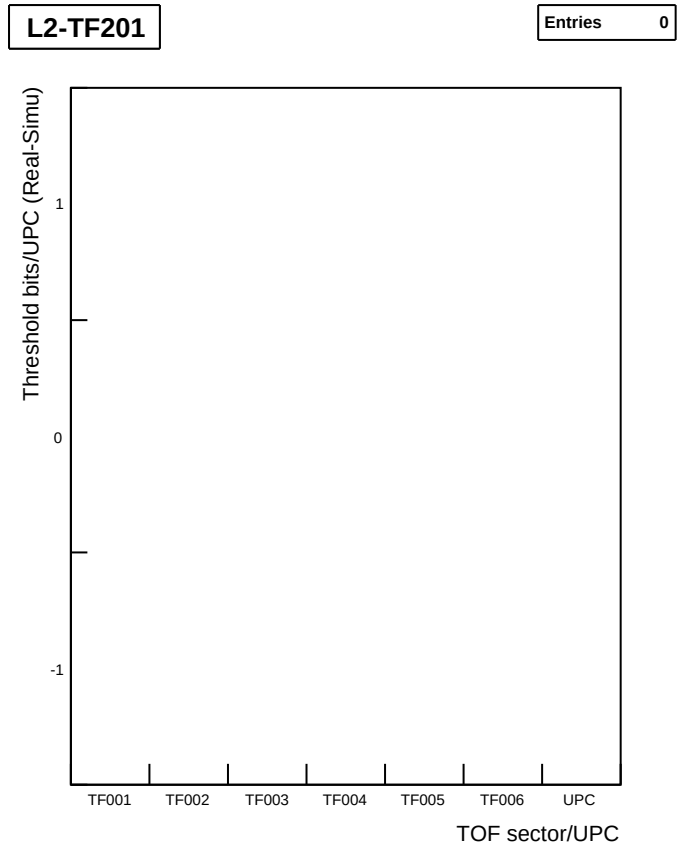

MIX-TF101
Entries 3799050
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

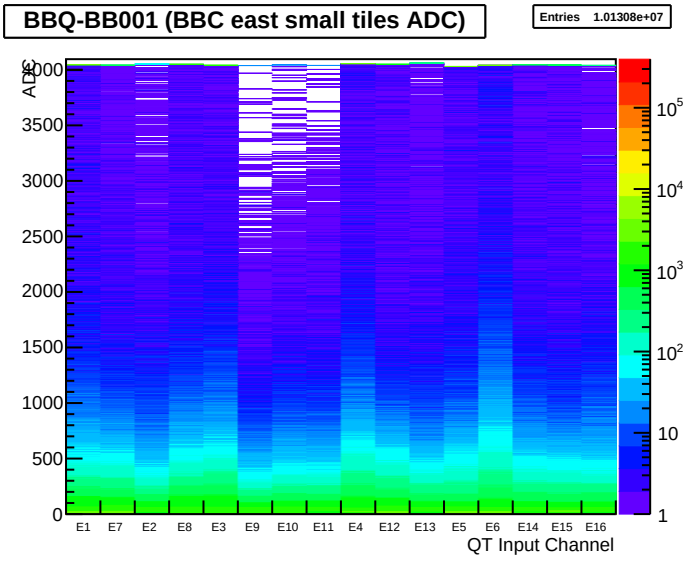

MIX-TF101
Entries 462562
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

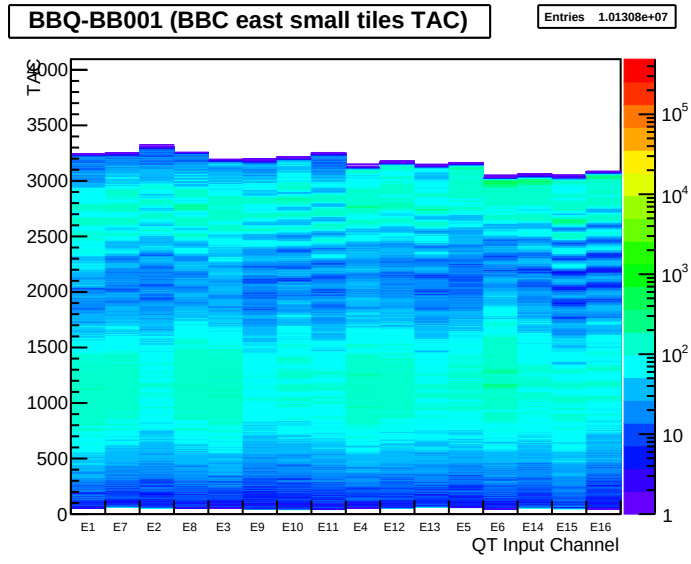

L2-TF201
Entries 633175
TOF total mult

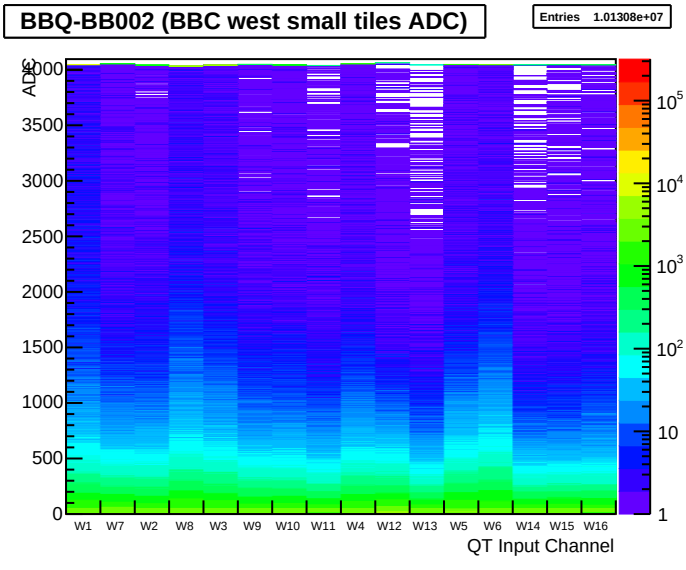

L2-TF201
Entries 0
TOF total mult(Real-Simu)

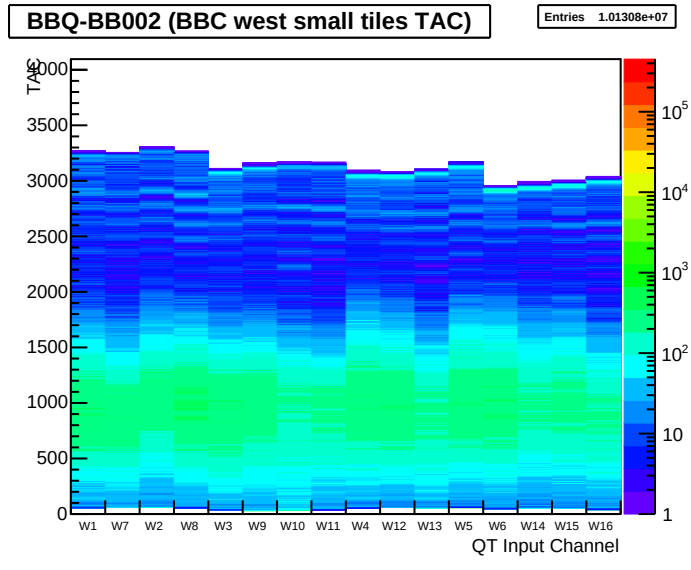

L2-TF201
Entries 4432225
Threshold/UPC bits
560948
565395
560919
566282
561516
558596
604705
72227
67780
72256
66893
71659
74579
28470
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

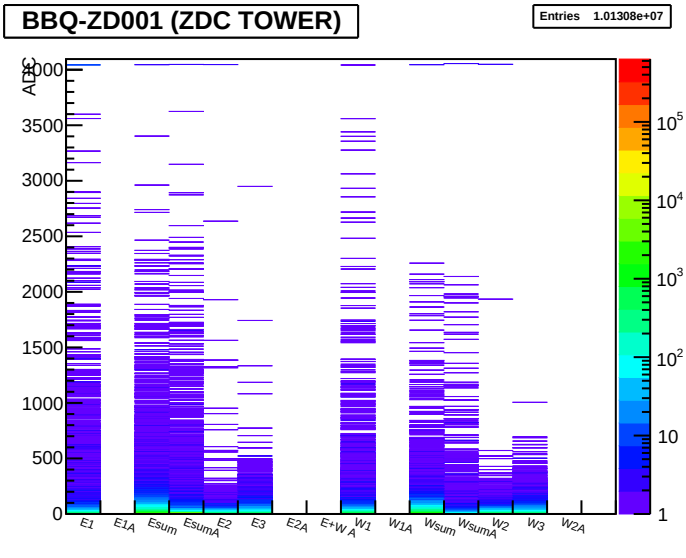

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

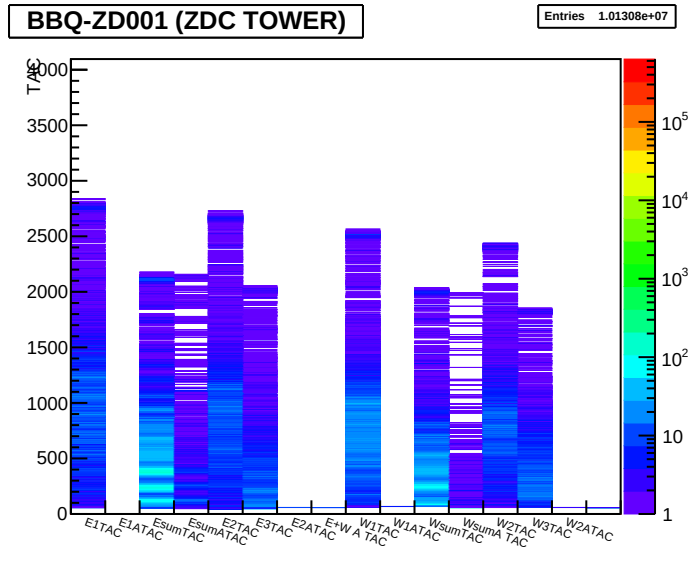

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.01308e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

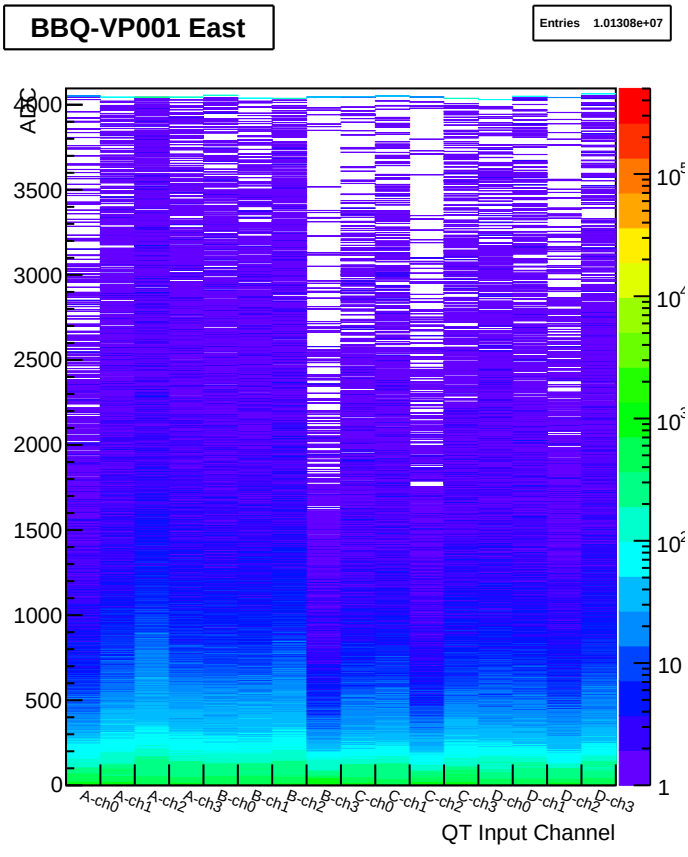

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.01308e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

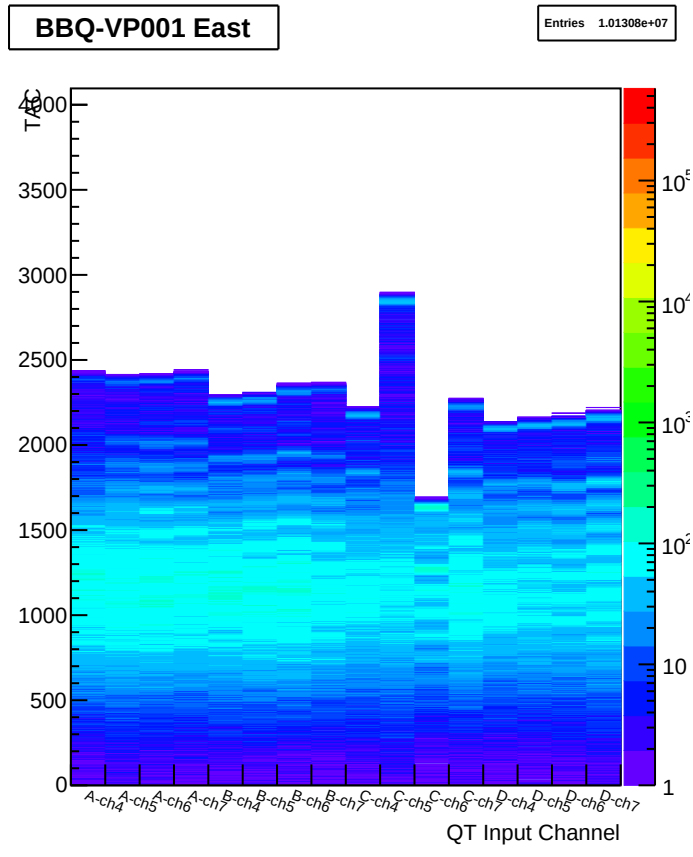

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.01308e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

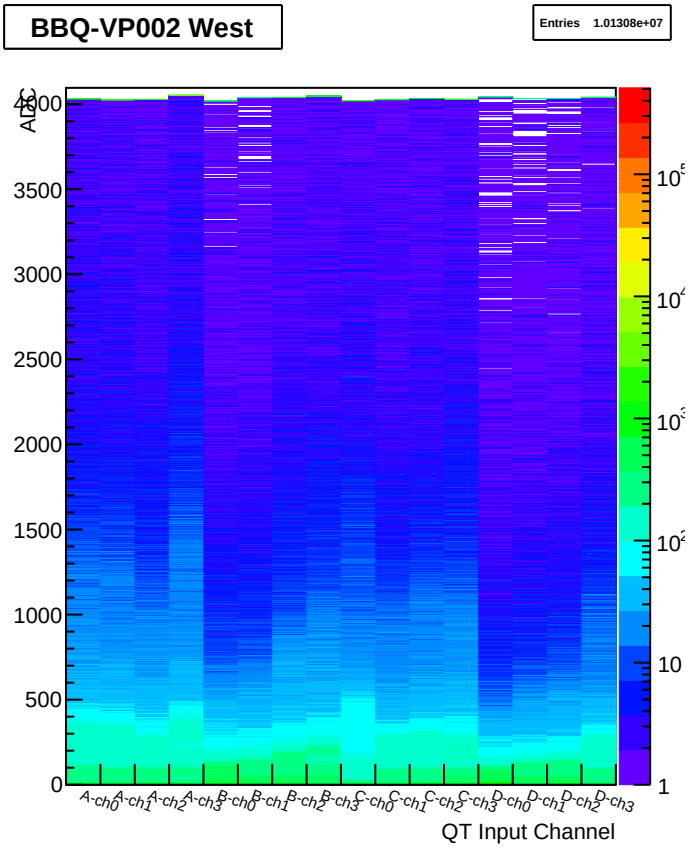

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.01308e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

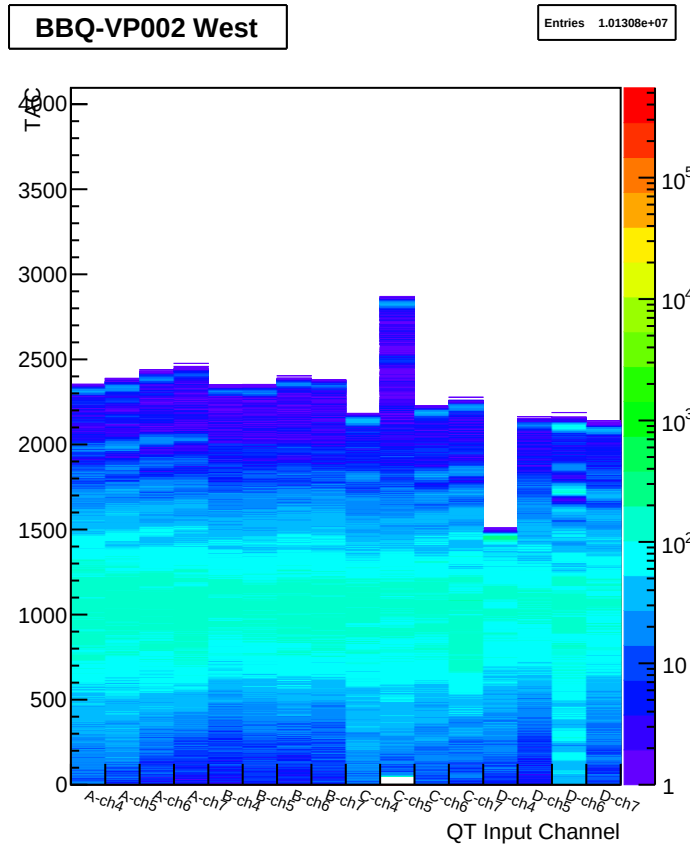

BBQ-ZD001 (ZDC TOWER)
Entries 1.01308e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

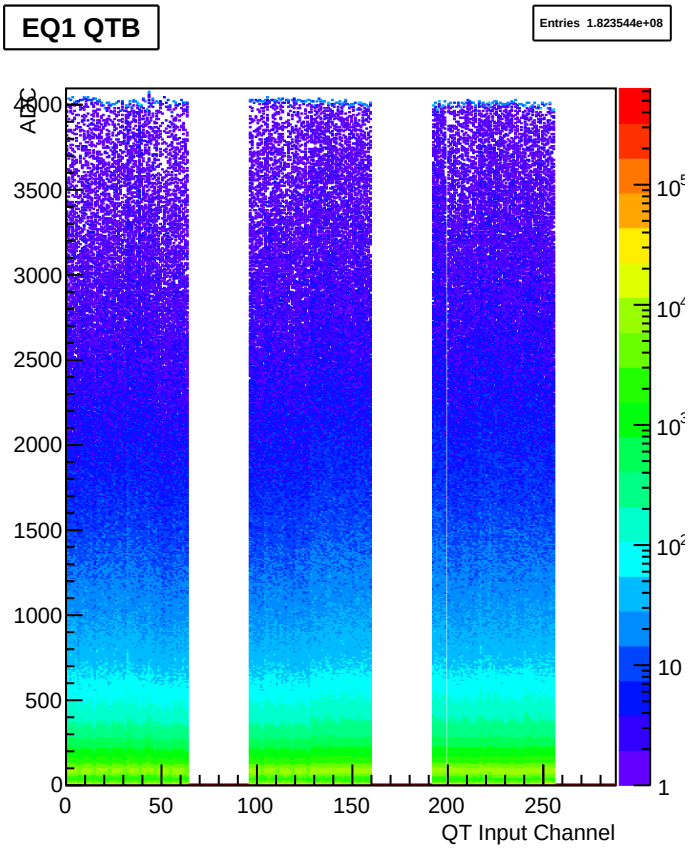

BBQ-ZD001 (ZDC TOWER)
Entries 1.01308e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

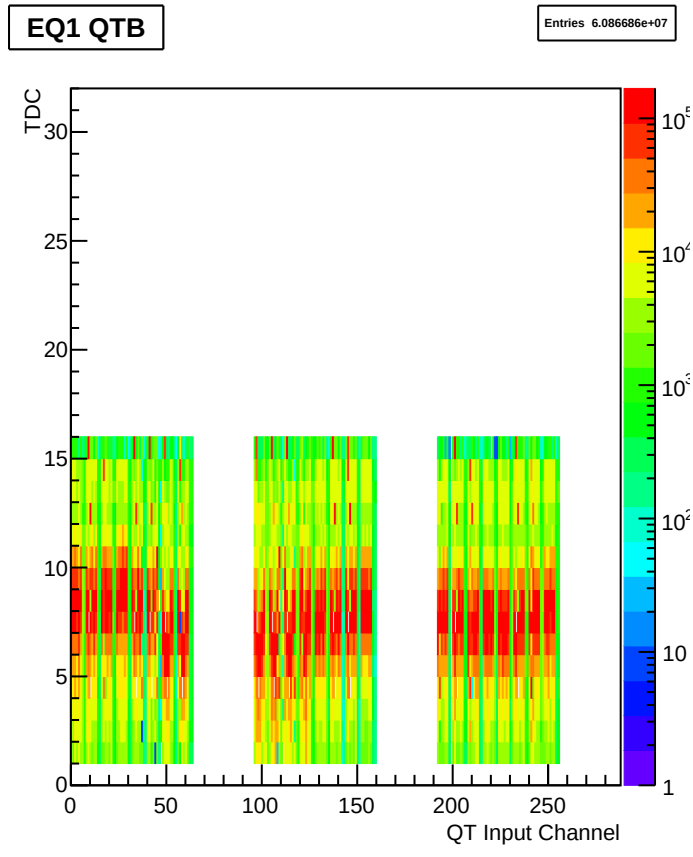

BBQ-VP001 East
Entries 1.01308e+07
ADC
QT Input Channel

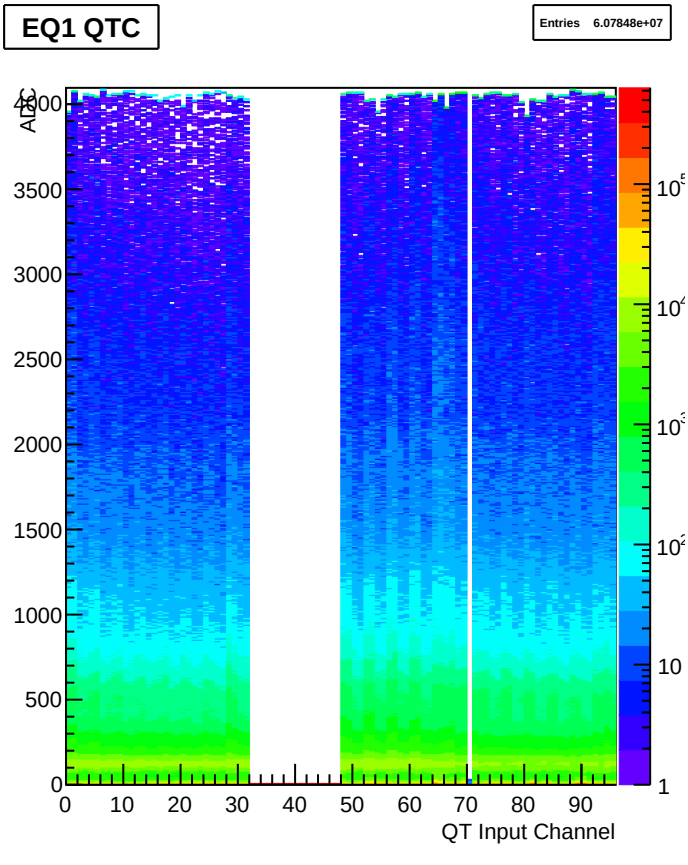

BBQ-VP001 East
Entries 1.01308e+07
TADC
QT Input Channel

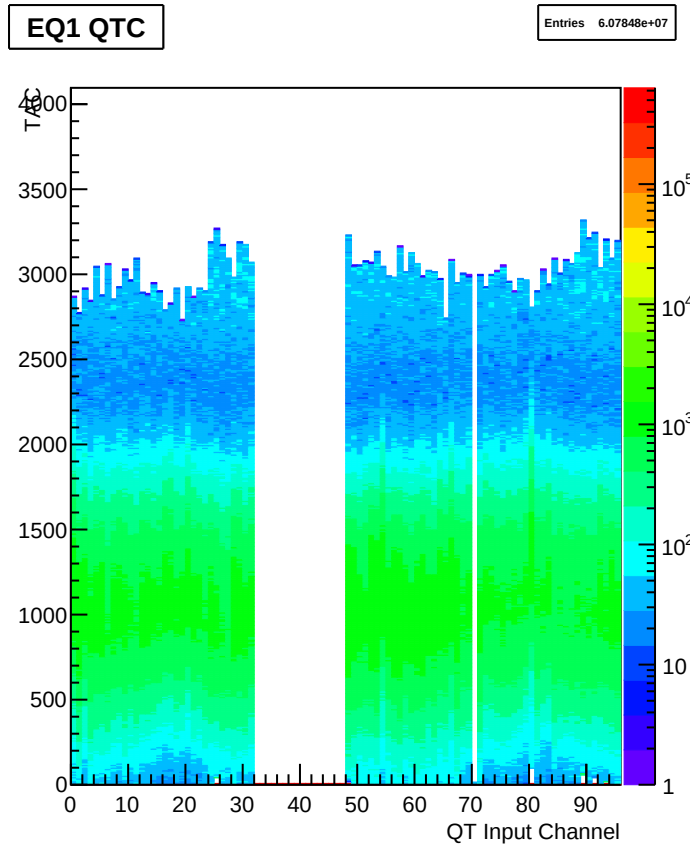

BBQ-VP002 West
Entries 1.01308e+07
ADC
QT Input Channel

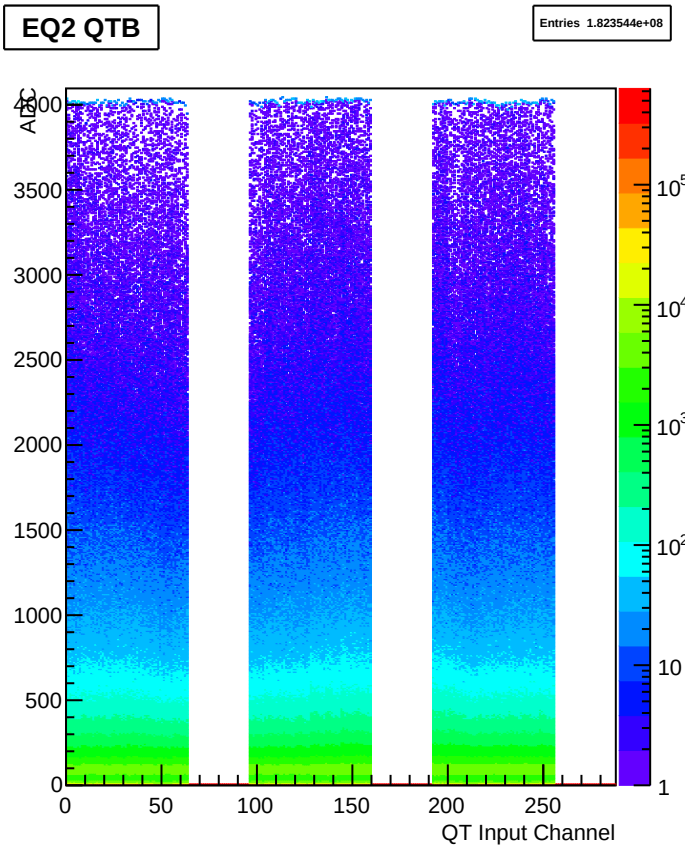

BBQ-VP002 West
Entries 1.01308e+07
TADC
QT Input Channel

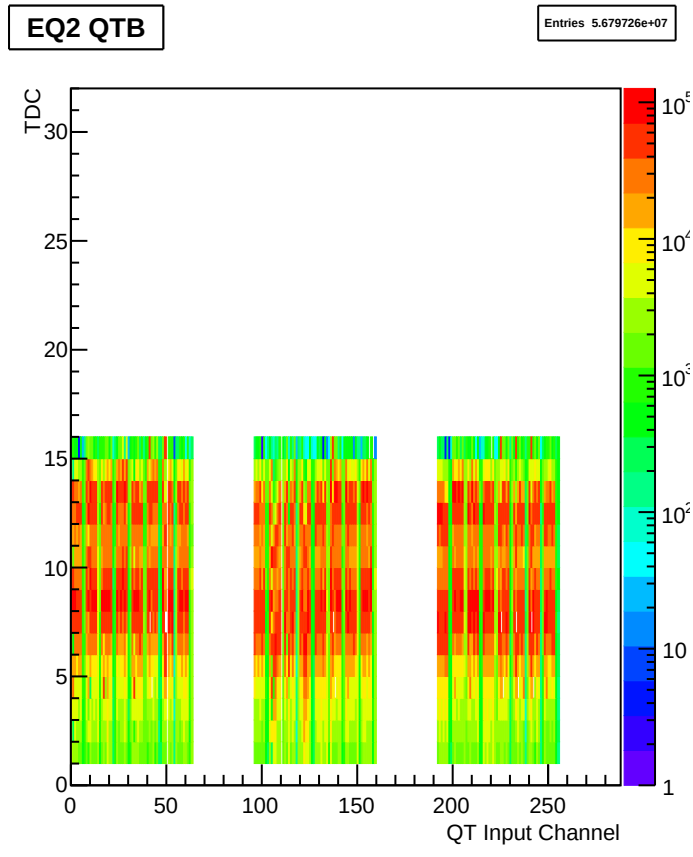

EQ1 QTB
Entries 1.823544e+08
ADC
QT Input Channel

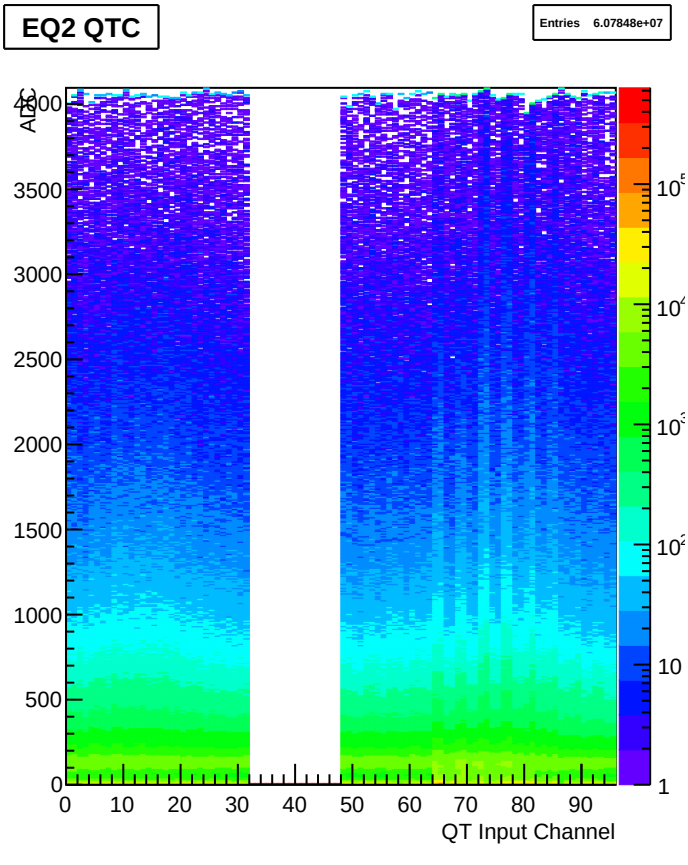

EQ1 QTB
Entries 6.086686e+07
TDC
QT Input Channel

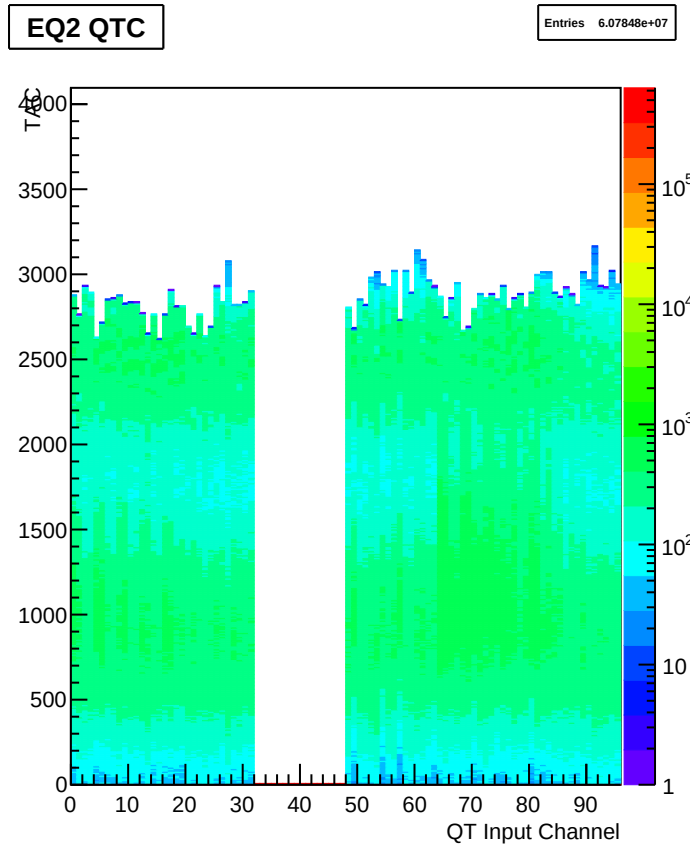

EQ1 QTC
Entries 6.07848e+07
ADC
QT Input Channel

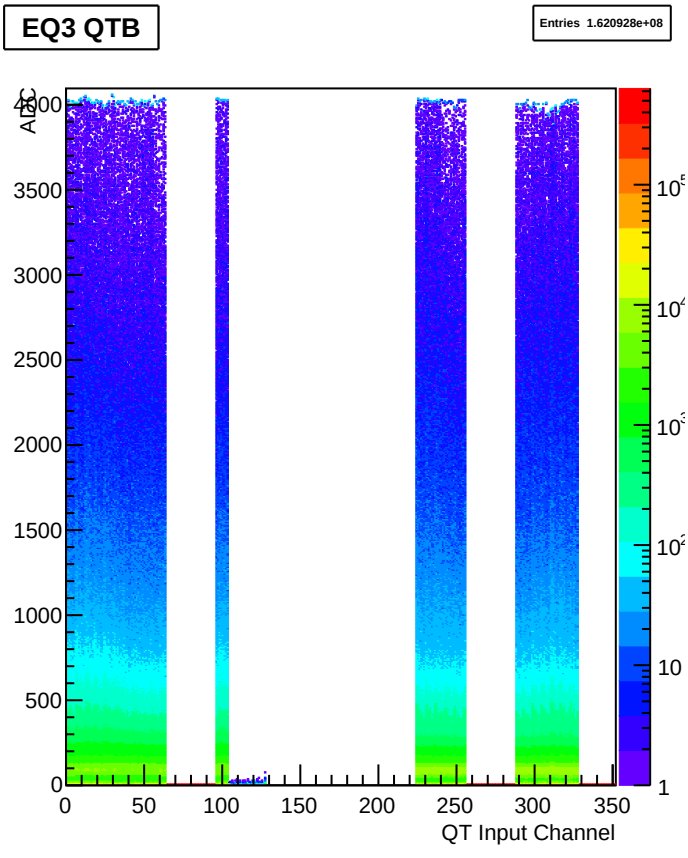

EQ1 QTC
Entries 6.07848e+07
TADC
QT Input Channel

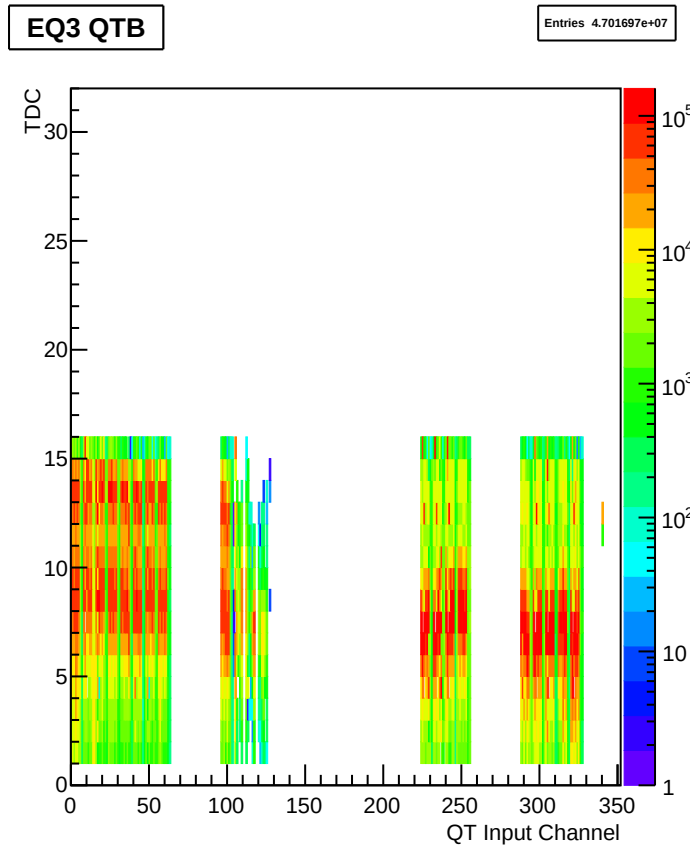

EQ2 QTB
Entries 1.823544e+08
ADC
QT Input Channel

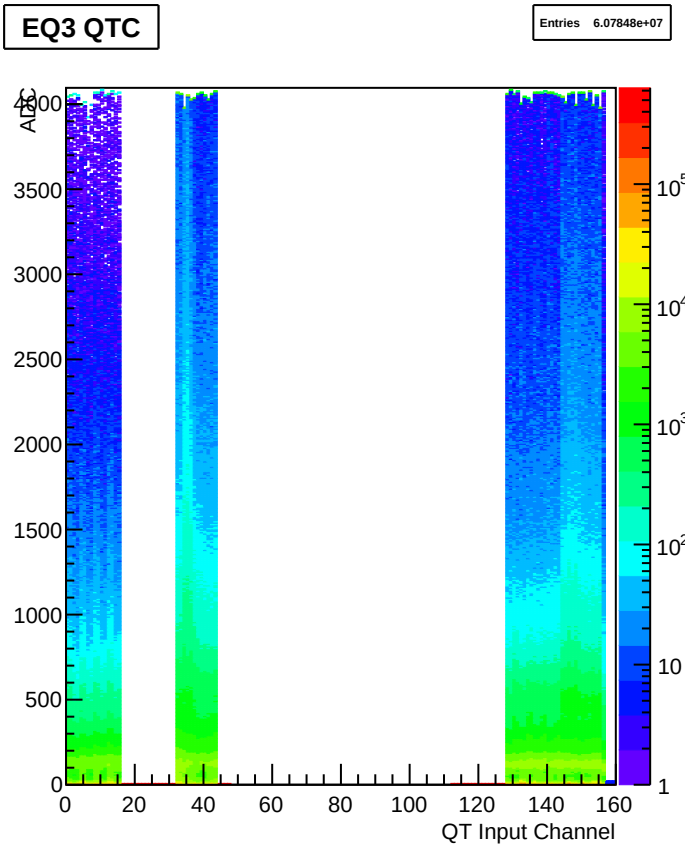

EQ2 QTB
Entries 5.679726e+07
TDC
QT Input Channel

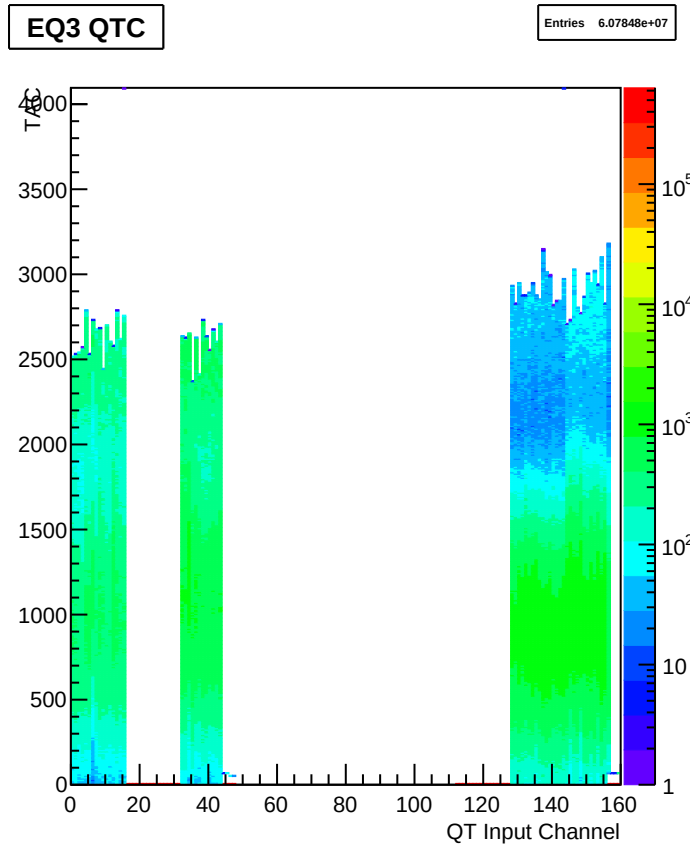

EQ2 QTC
Entries 6.07848e+07
ADC
QT Input Channel

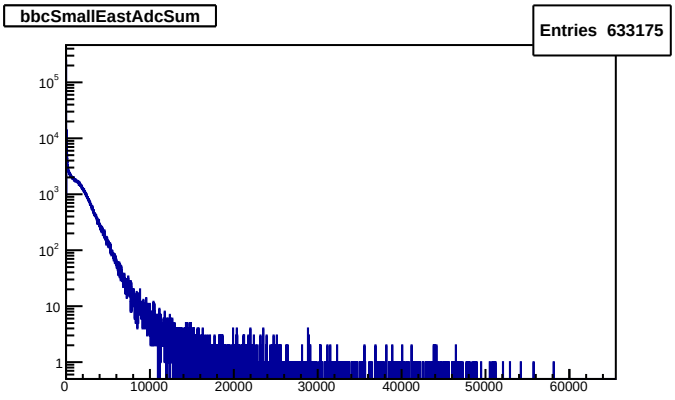

EQ2 QTC
Entries 6.07848e+07
TADC
QT Input Channel

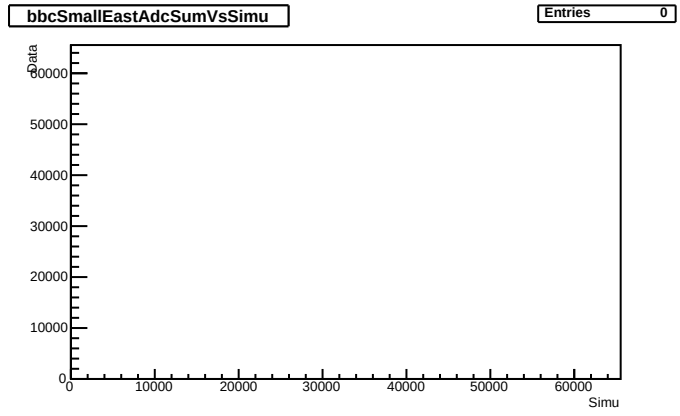

EQ3 QTB
Entries 1.620928e+08
ADC
QT Input Channel

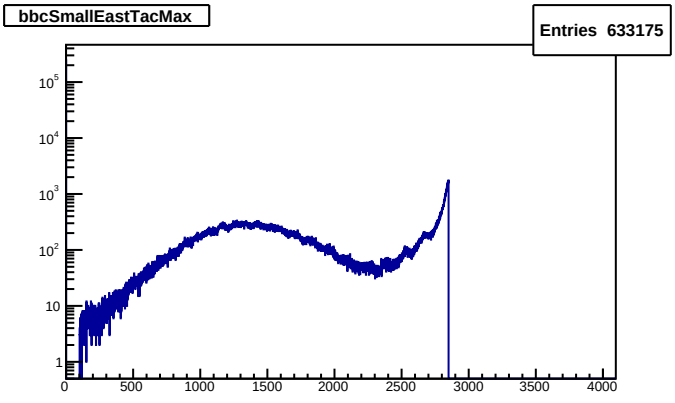

EQ3 QTB
Entries 4.701697e+07
TDC
QT Input Channel

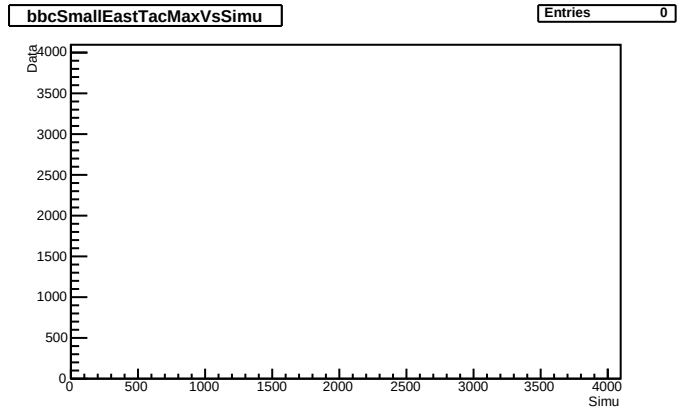

EQ3 QTC
Entries 6.07848e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.07848e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 633175


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 633175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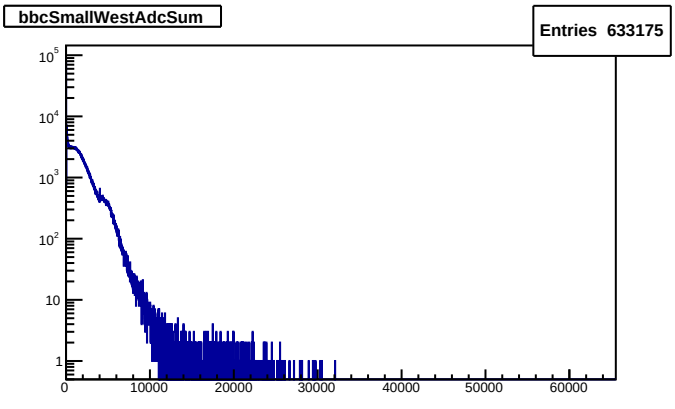
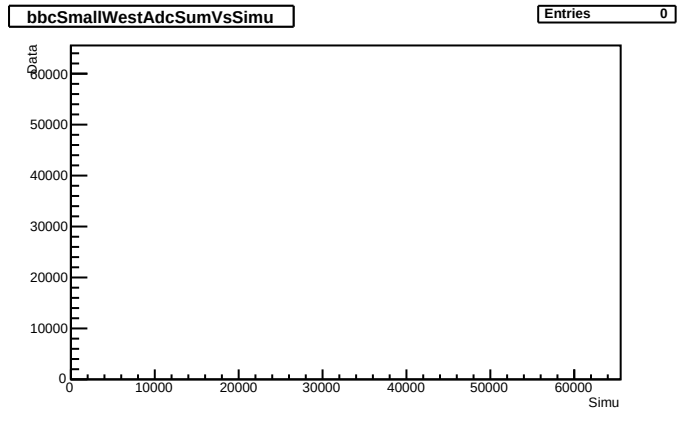
Simu


bbcSmallWestAdcSum
Entries 633175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Entries 0
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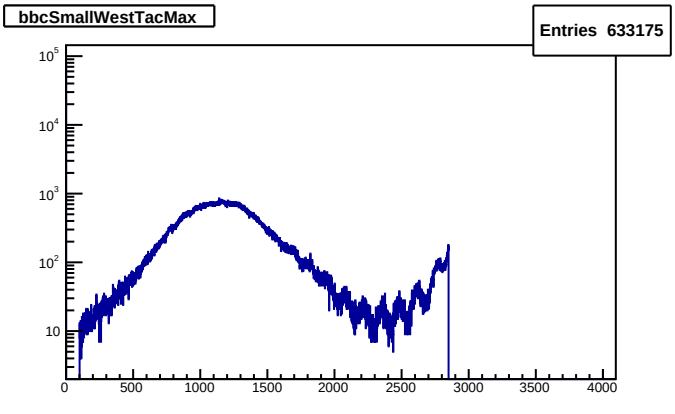
Simu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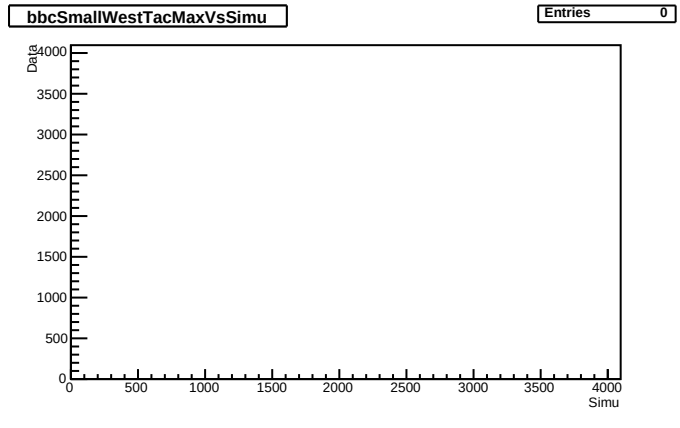
Entries 633175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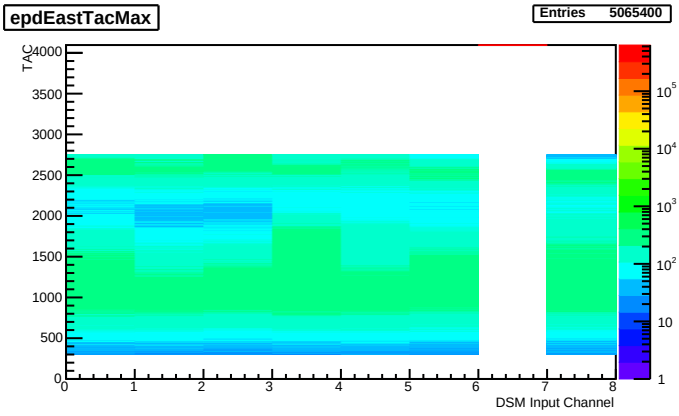
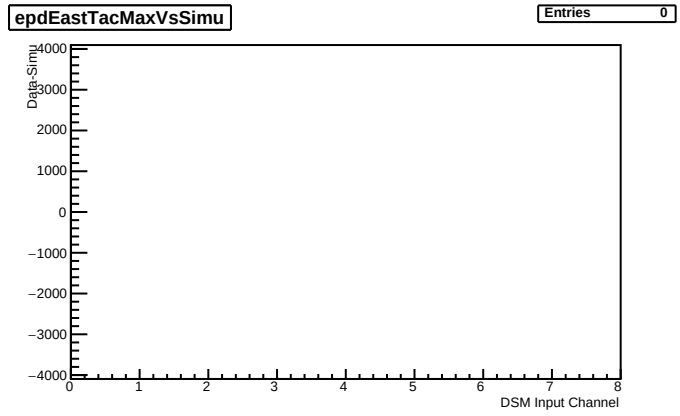
Entries 0
Data
Simu


epdEastTacMax
Entries 5065400
TAC
DSM Input Channel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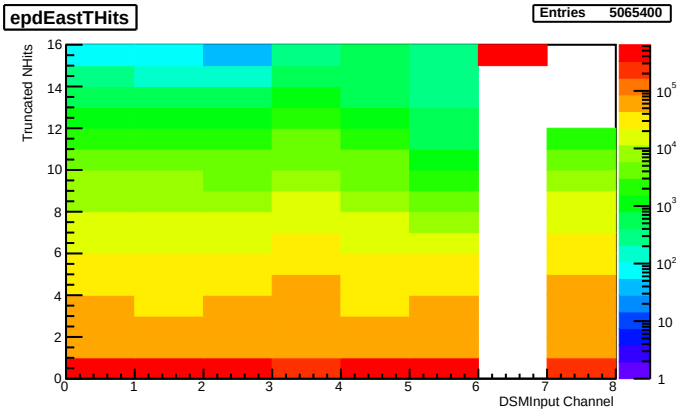
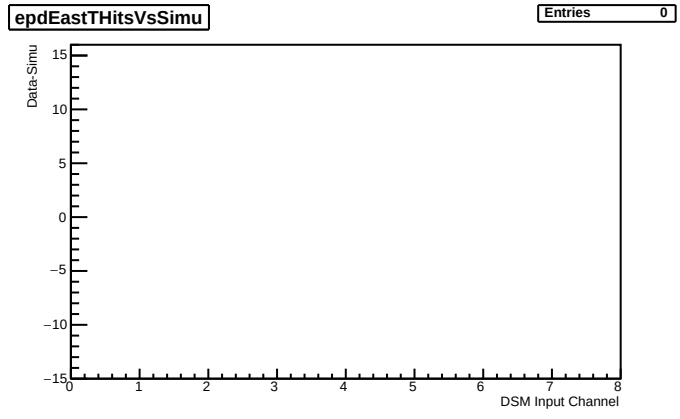
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5065400
Truncated NHits
DSMInput Channel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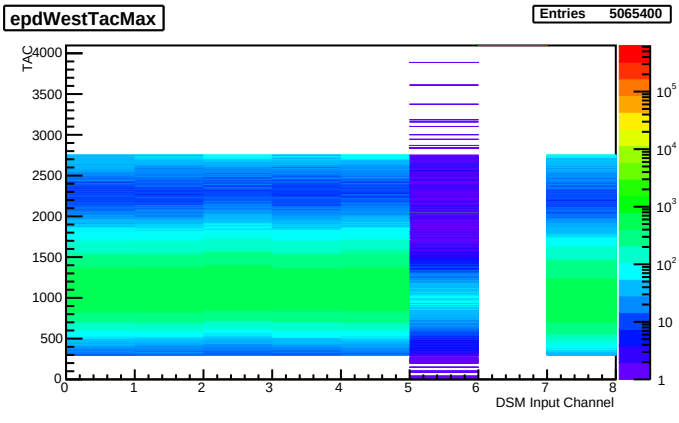
Entries 0
Data-Simu
DSM Input Channel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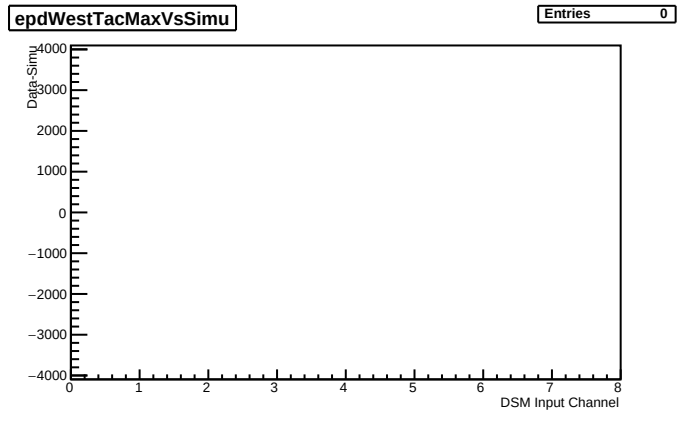
Entries 5065400
TAC
DSM Input Channel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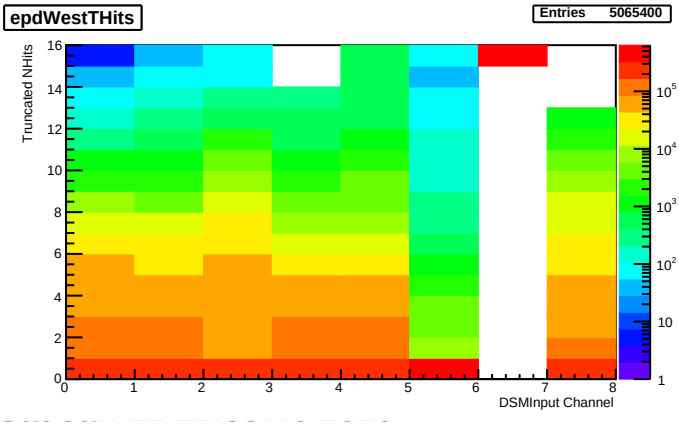
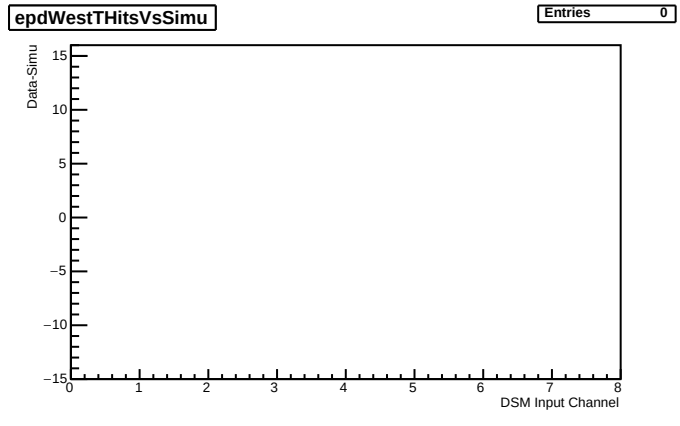
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5065400
Truncated NHits
DSMInput Channel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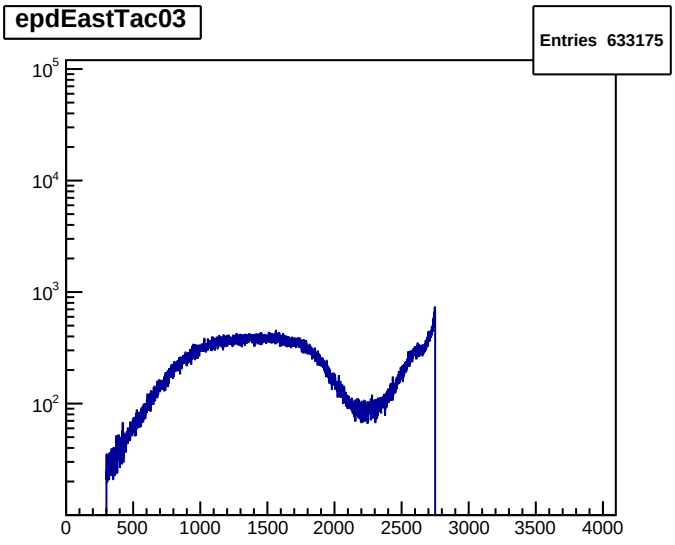
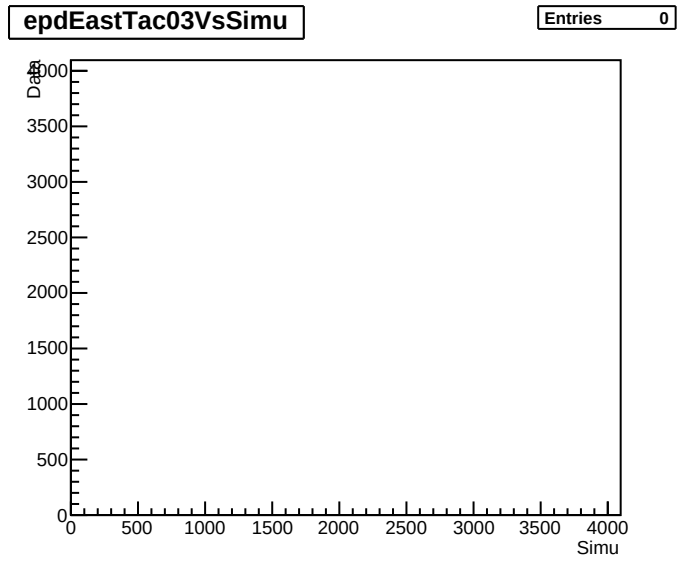
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 633175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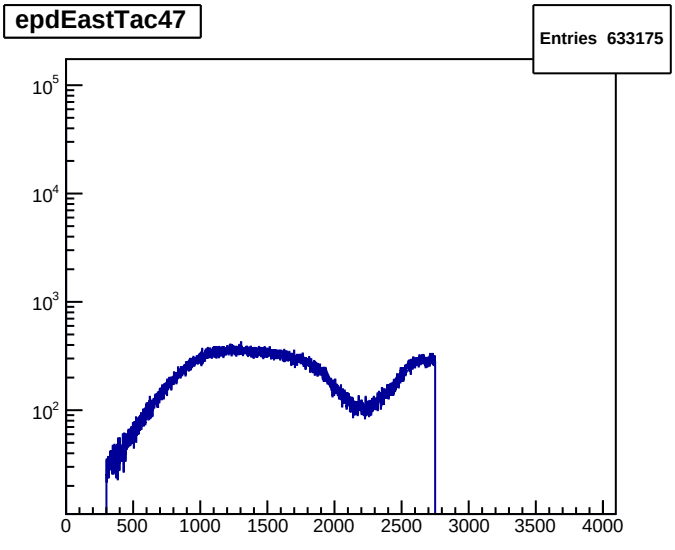
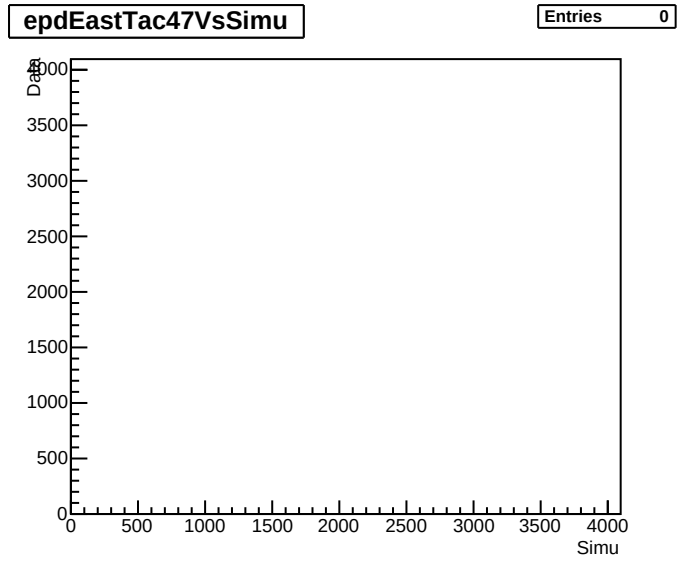
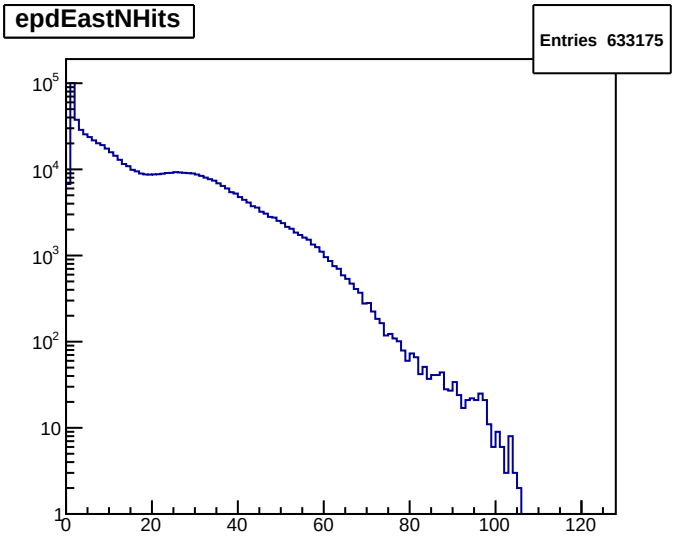
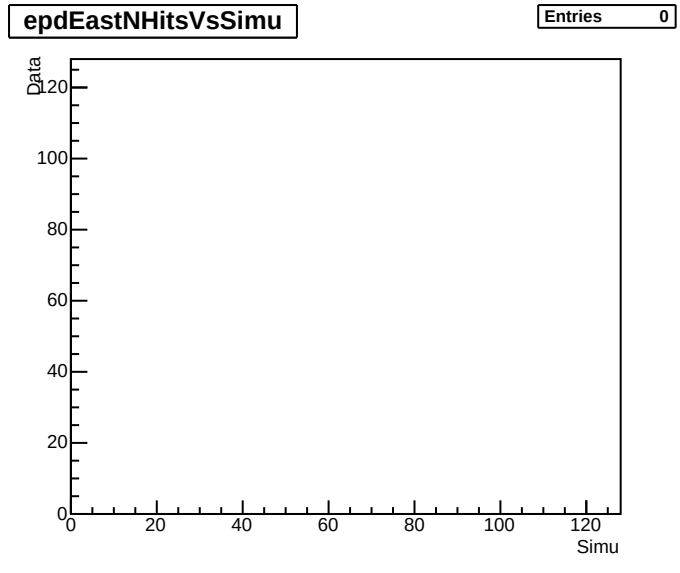
Entries 0
Data
Simu


epdEastTac47
Entries 633175


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 633175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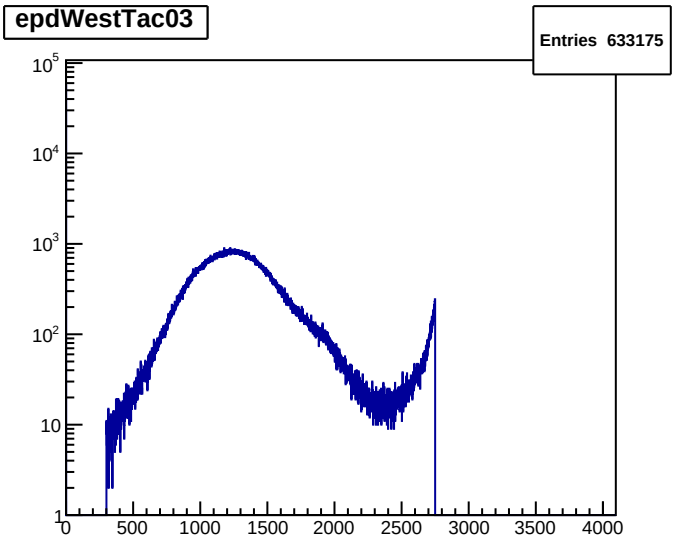
Entries 0
Data
Simu


epdWestTac03
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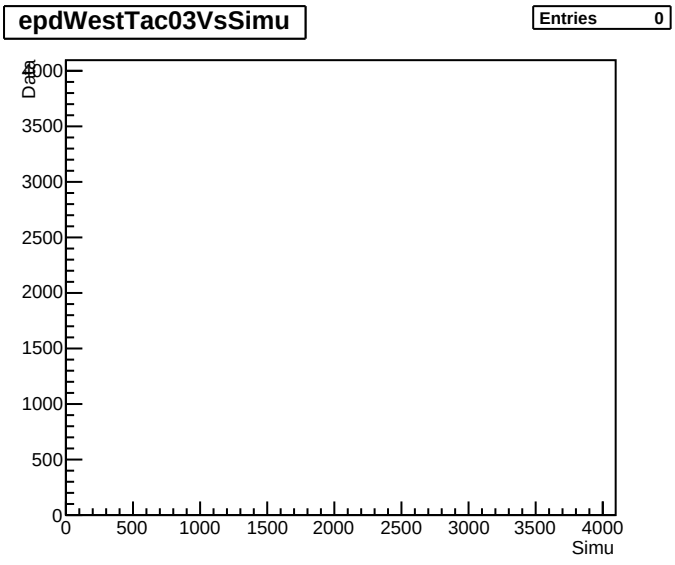
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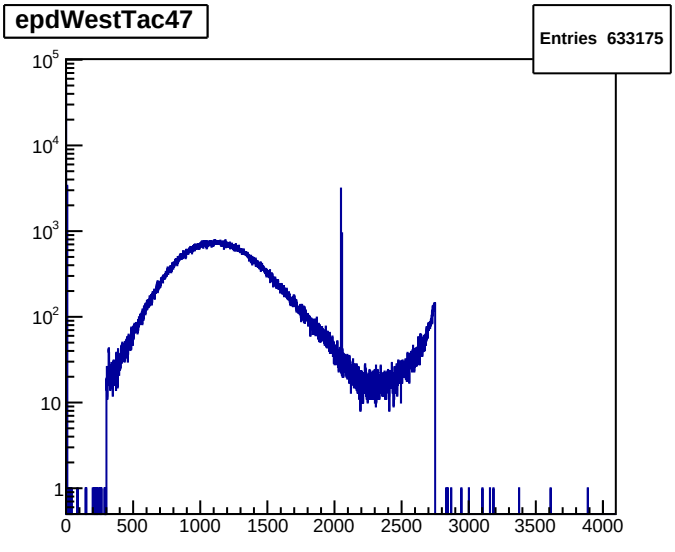
Entries 0
Data
Simu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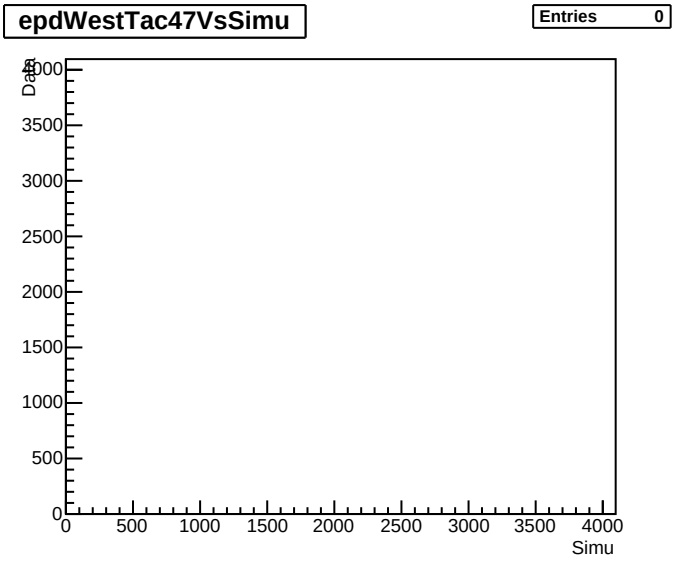
Entries 633175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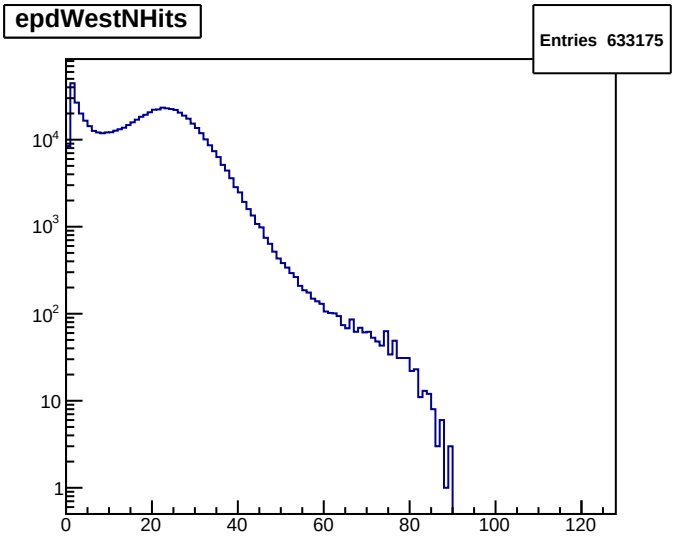
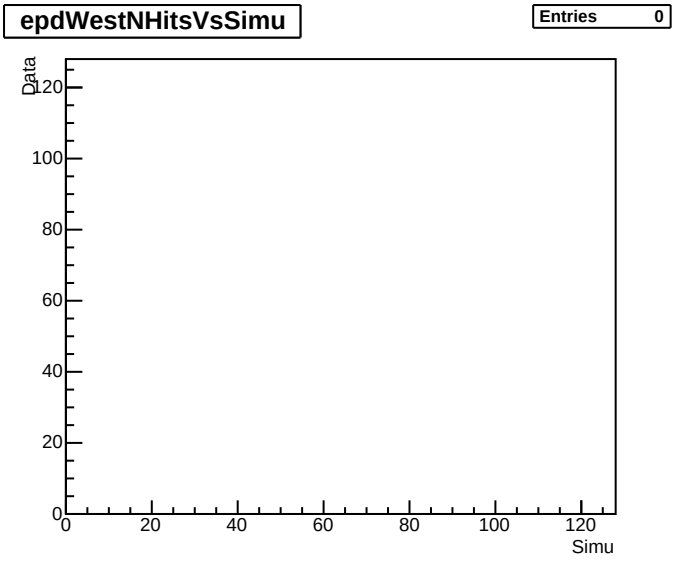
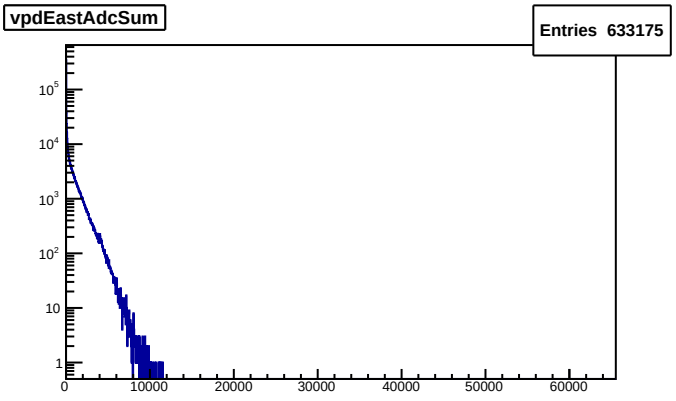
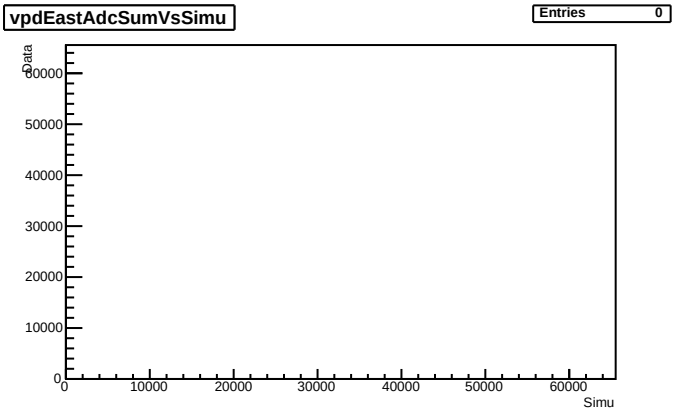
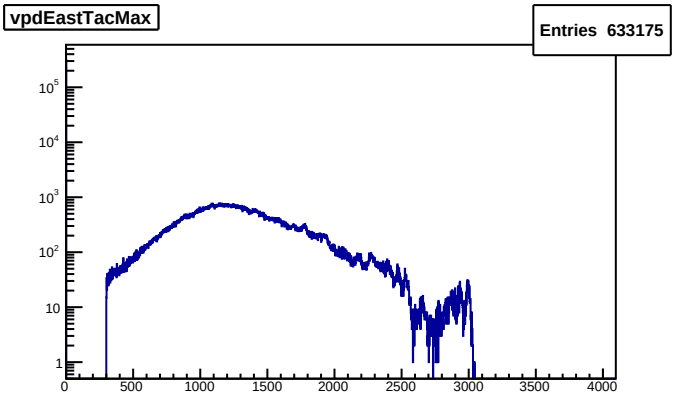
Entries 0
Data
Simu

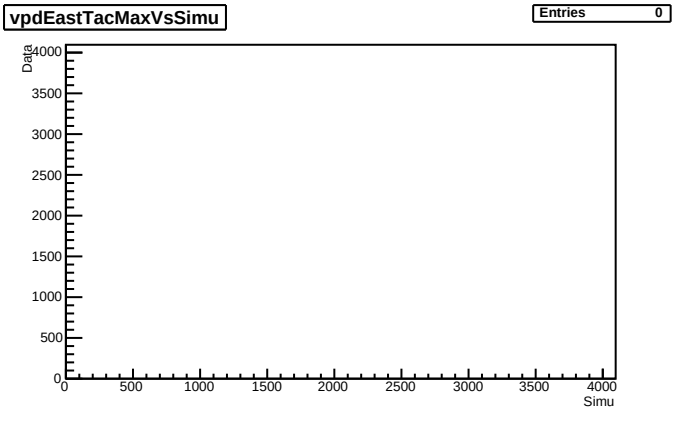

epdWestNHits
Entries 633175


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 633175


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 633175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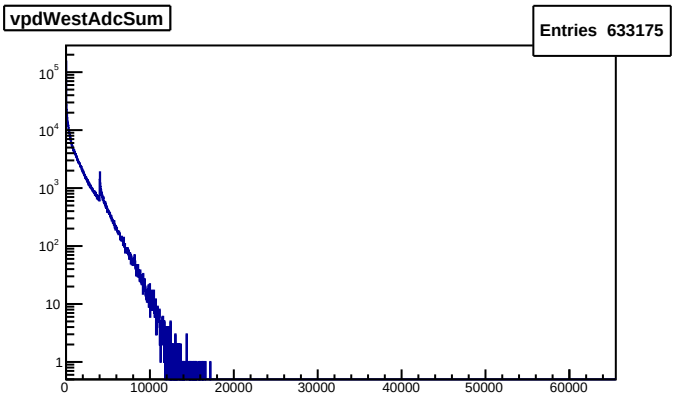
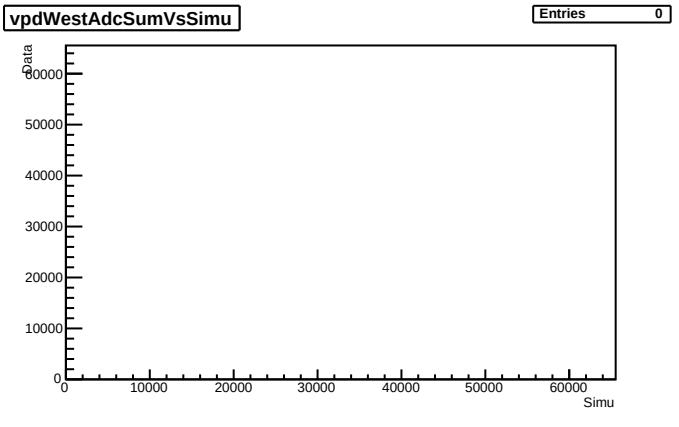
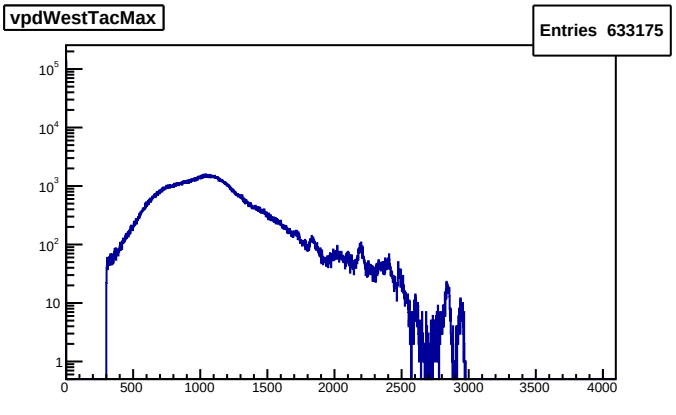
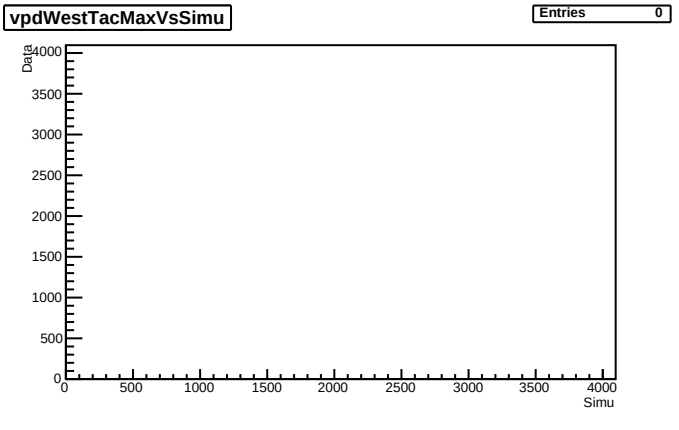
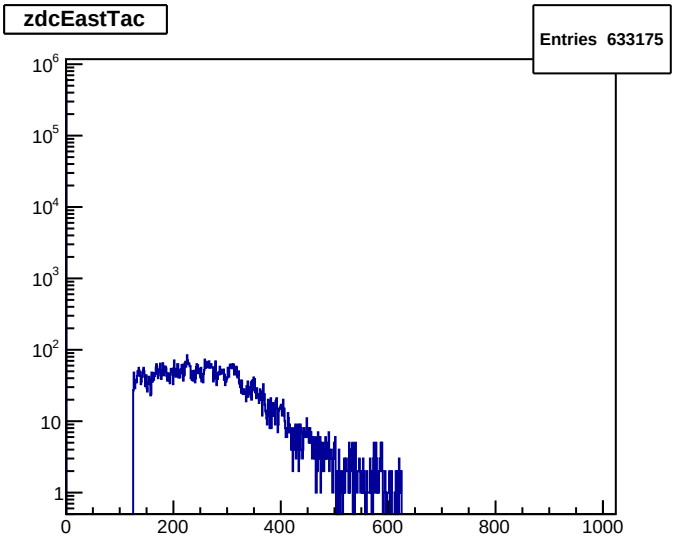
Entries 0
Data
Simu

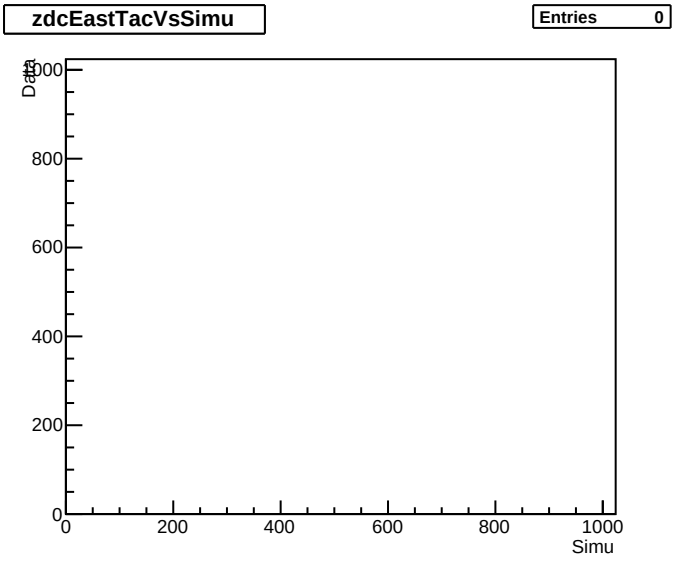

vpdWestAdcSum
Entries 633175

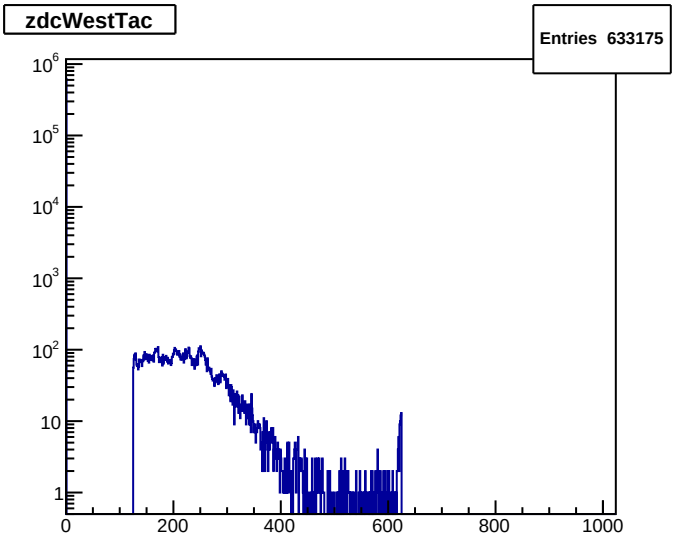

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

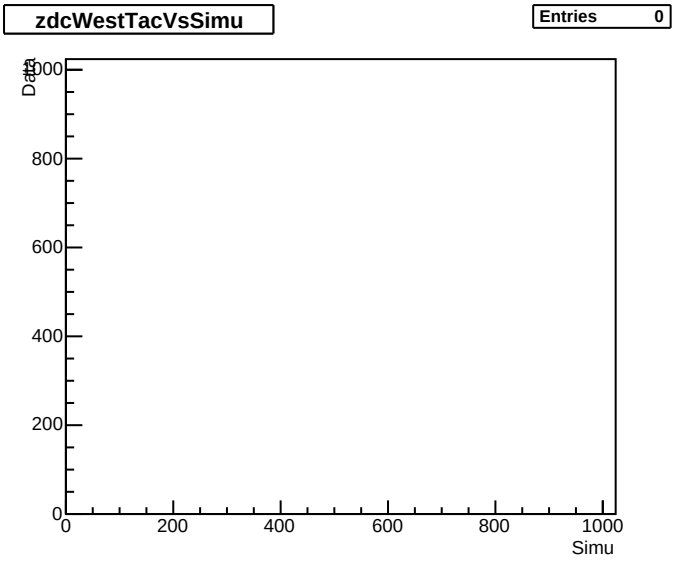

vpdWestTacMax
Entries 633175

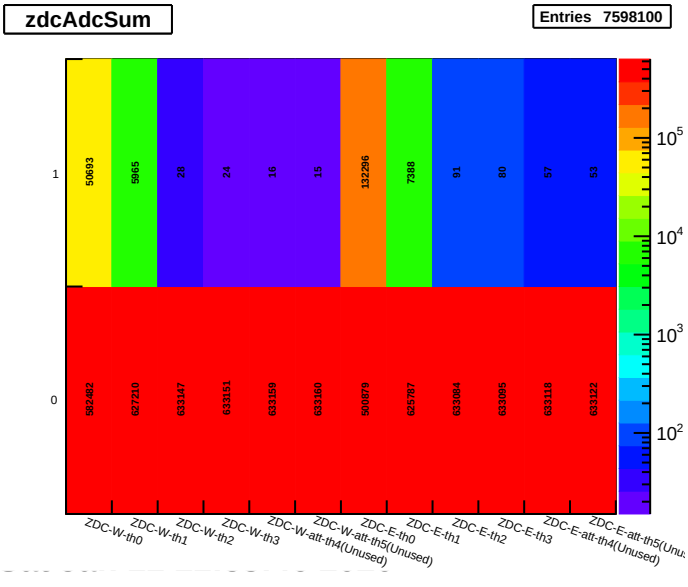

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

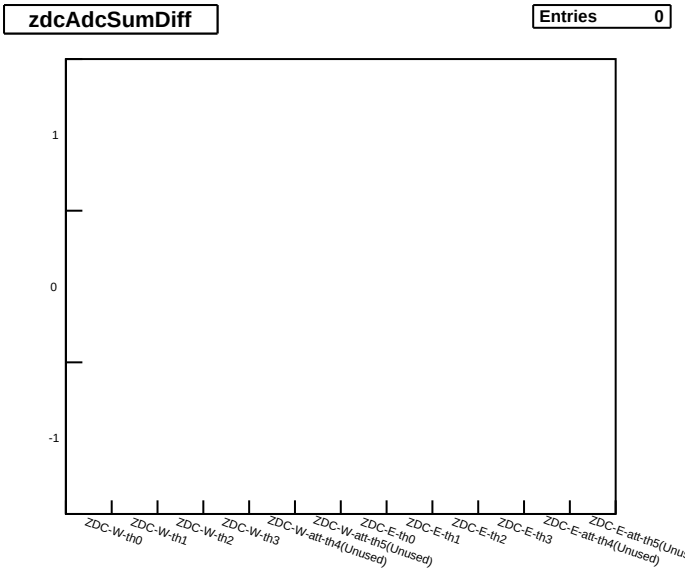

zdcEastTac
Entries 633175

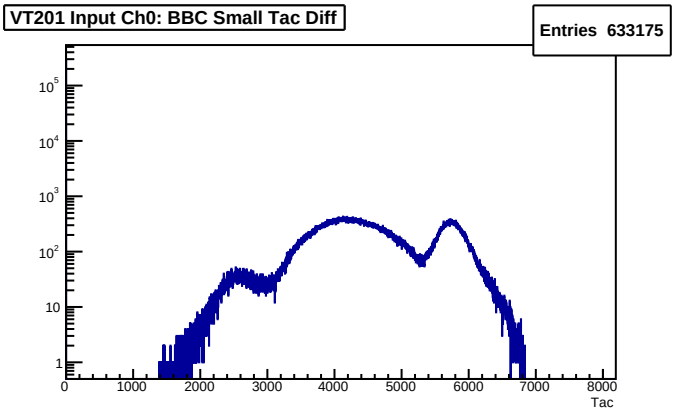

zdcEastTacVsSimu
Entries 0
Data
Simu

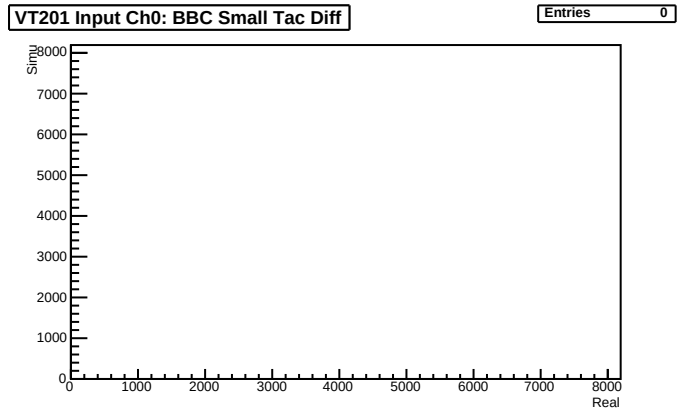

zdcWestTac
Entries 633175

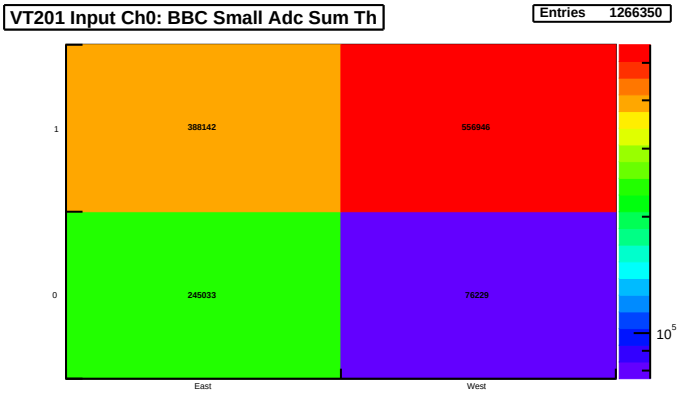

zdcWestTacVsSimu
Entries 0
Data
Simu

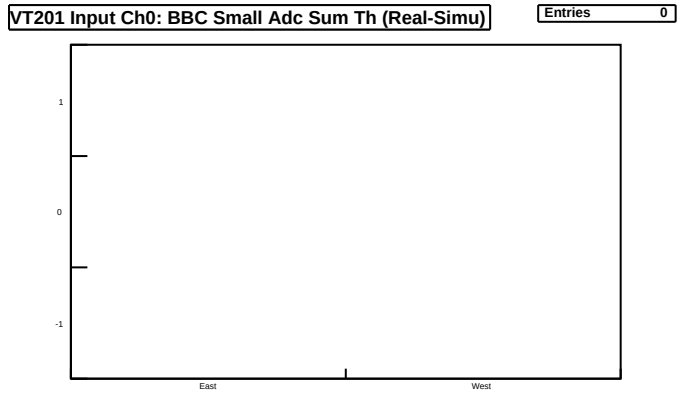

zdcAdcSum
Entries 7598100
50693
59665
28
24
16
15
132296
7388
91
80
57
53
582482
627210
633147
633151
633159
633160
500679
625787
633084
633095
633118
633122
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

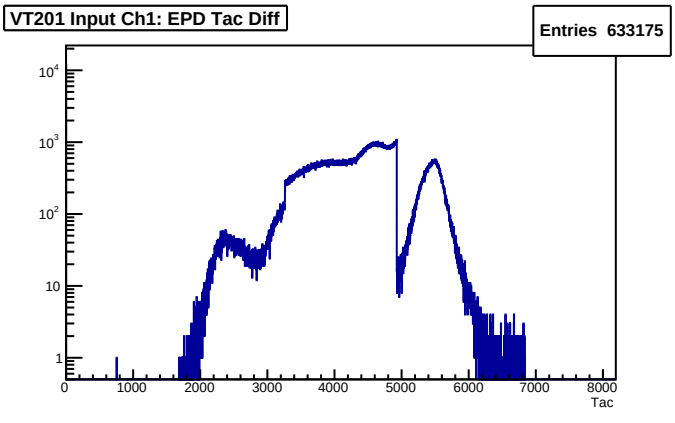

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

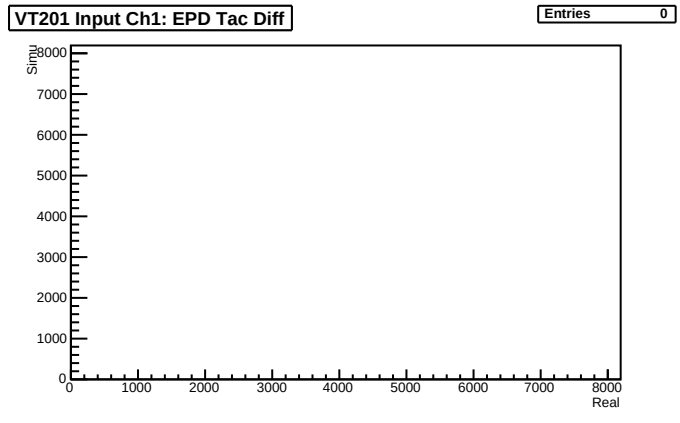

VT201 Input Ch0: BBC Small Tac Diff
Entries 633175
Tac

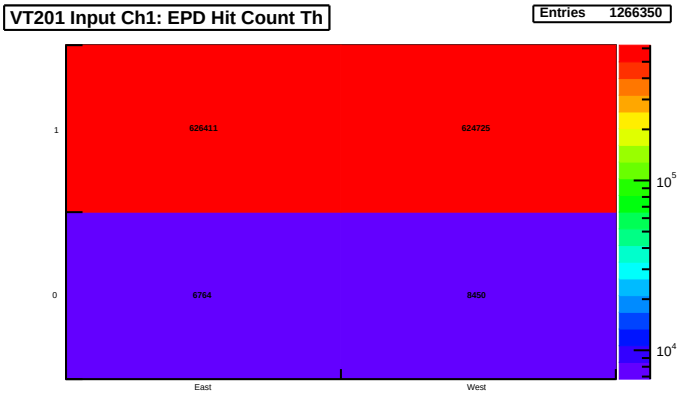

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

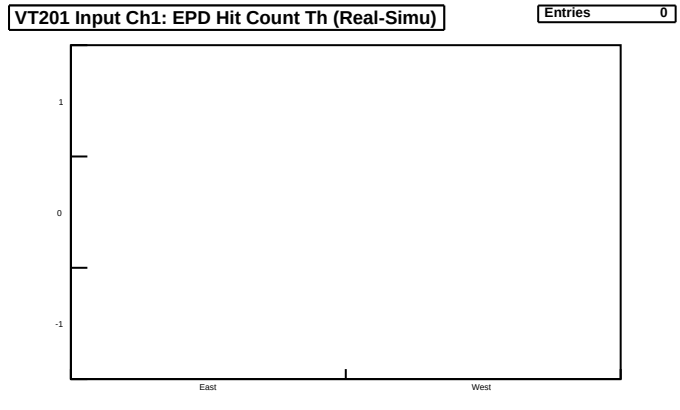

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1266350
388142
556946
245033
76229
East
West

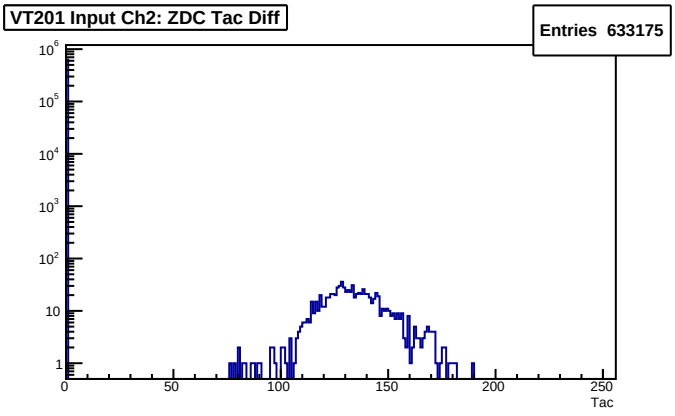

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

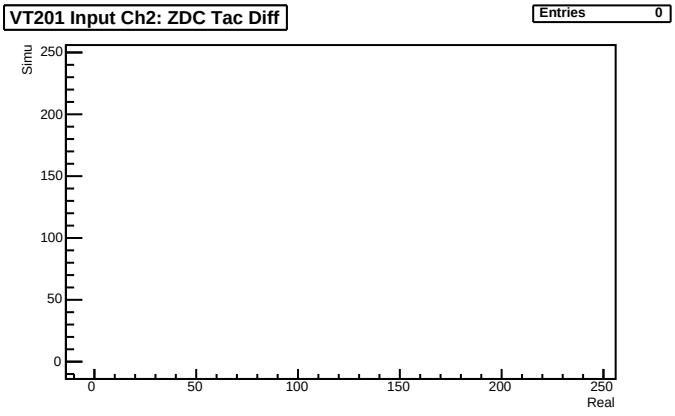

VT201 Input Ch1: EPD Tac Diff
Entries 633175
Tac

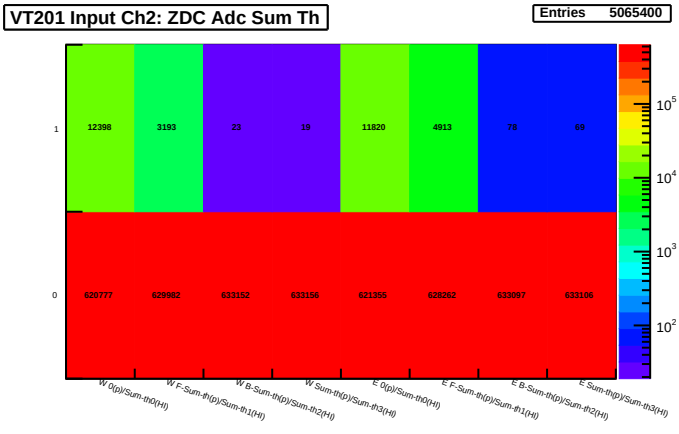

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

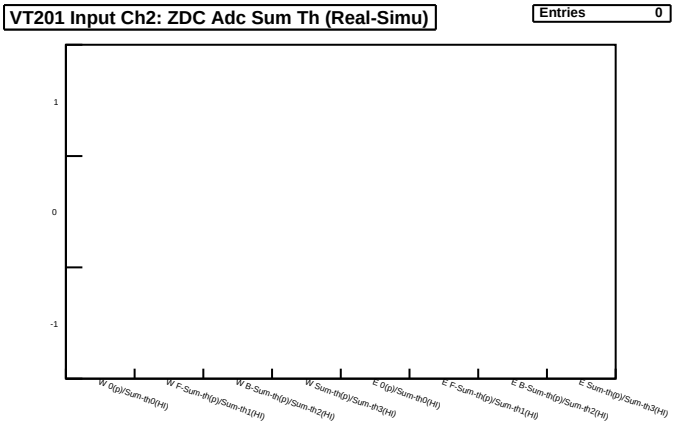

VT201 Input Ch1: EPD Hit Count Th
Entries 1266350
626411
624725
6764
8450
East
West

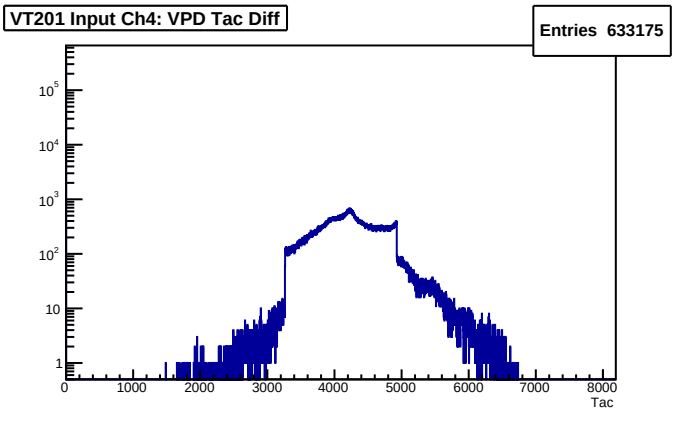

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

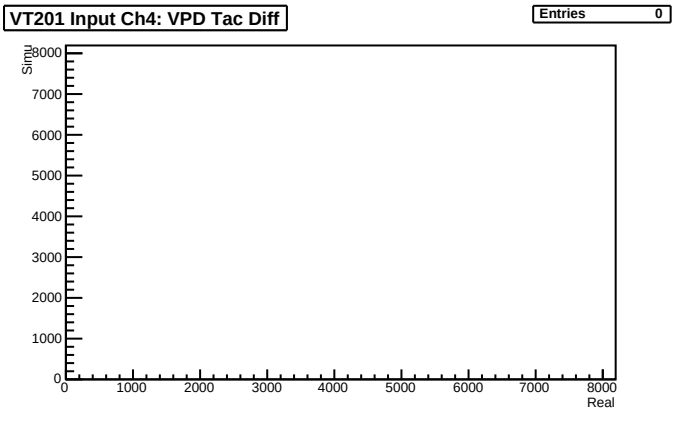

VT201 Input Ch2: ZDC Tac Diff
Entries 633175
Tac

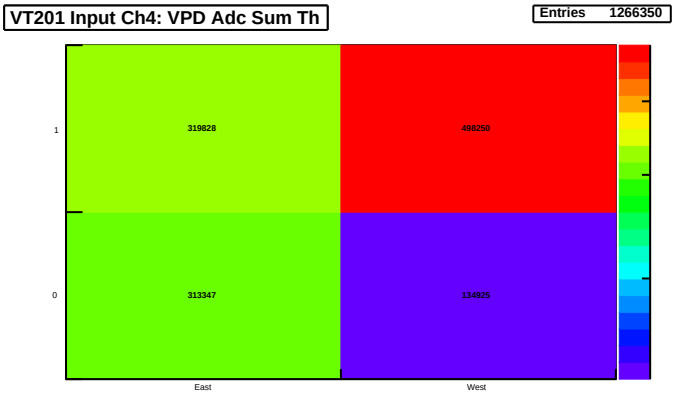

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

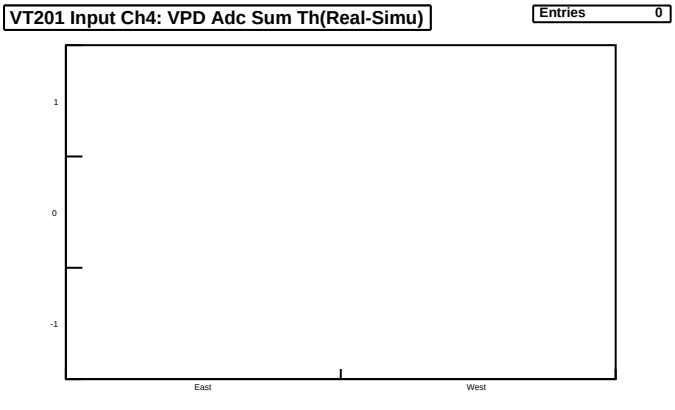

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5065400
12398
3193
23
19
11820
4913
78
69
620777
629982
633152
633156
621355
628262
633097
633106
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

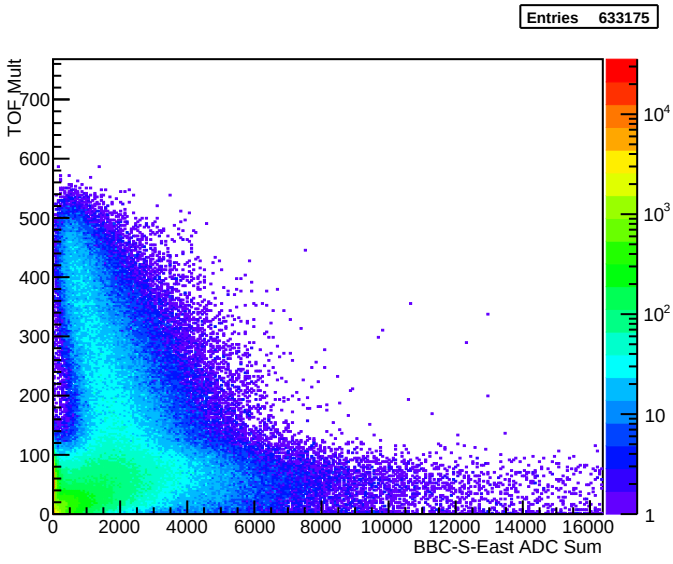

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

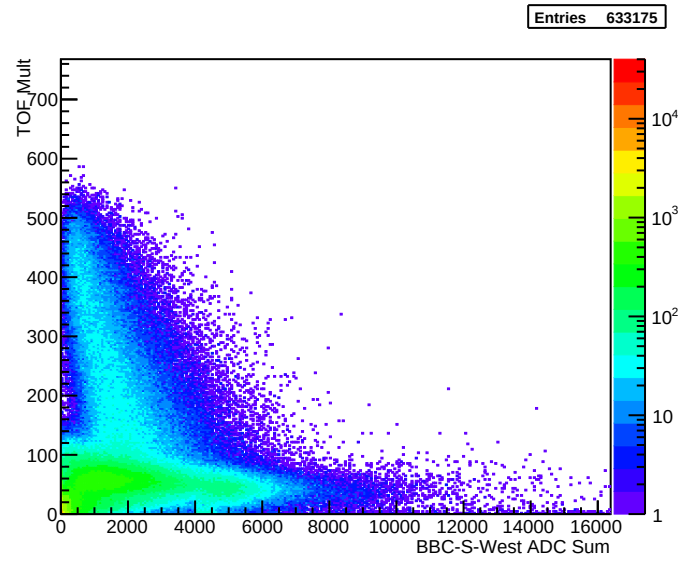

VT201 Input Ch4: VPD Tac Diff
Entries 633175
Tac

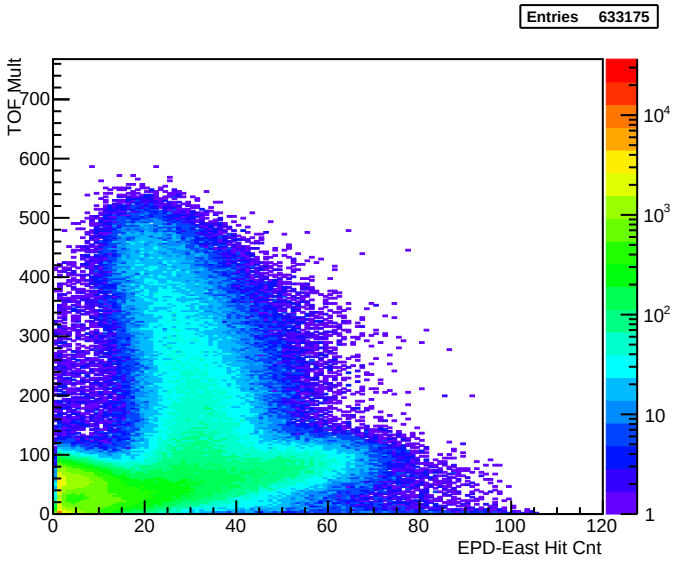

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

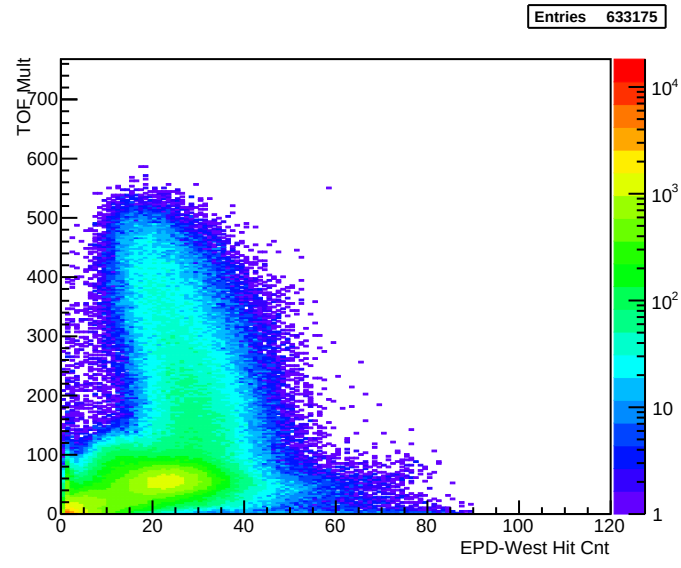

VT201 Input Ch4: VPD Adc Sum Th
Entries 1266350
319828
498250
313347
134925
East
West

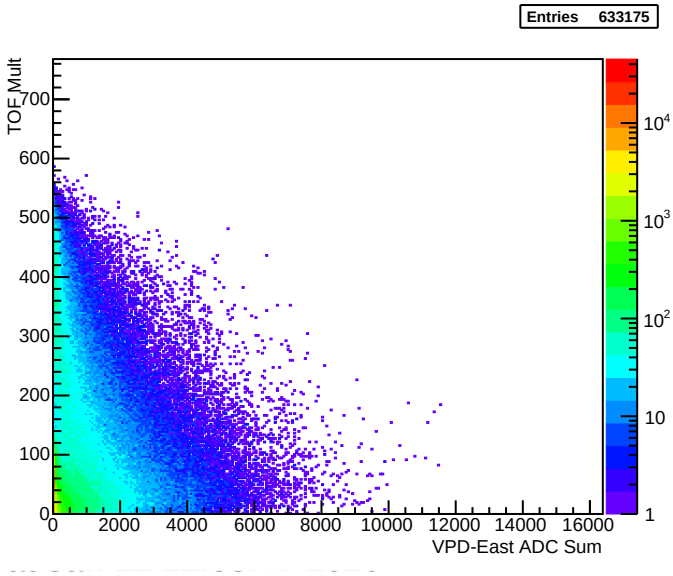

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

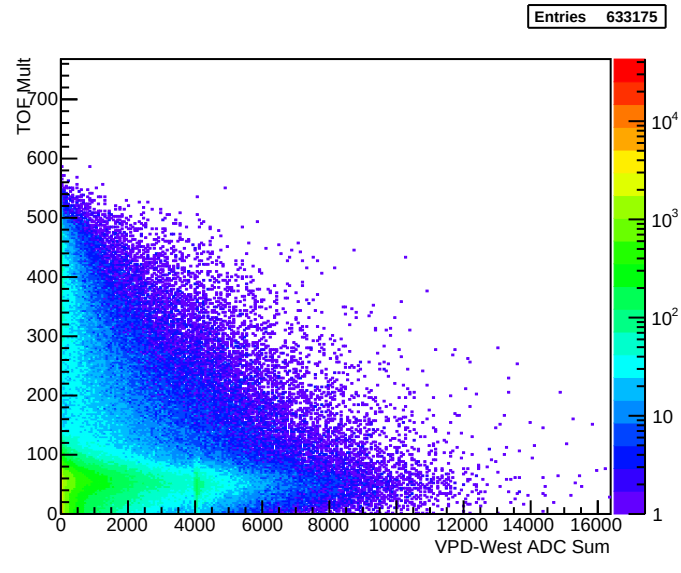

Entries 633175
TOF_Mult
BBC-S-East ADC Sum

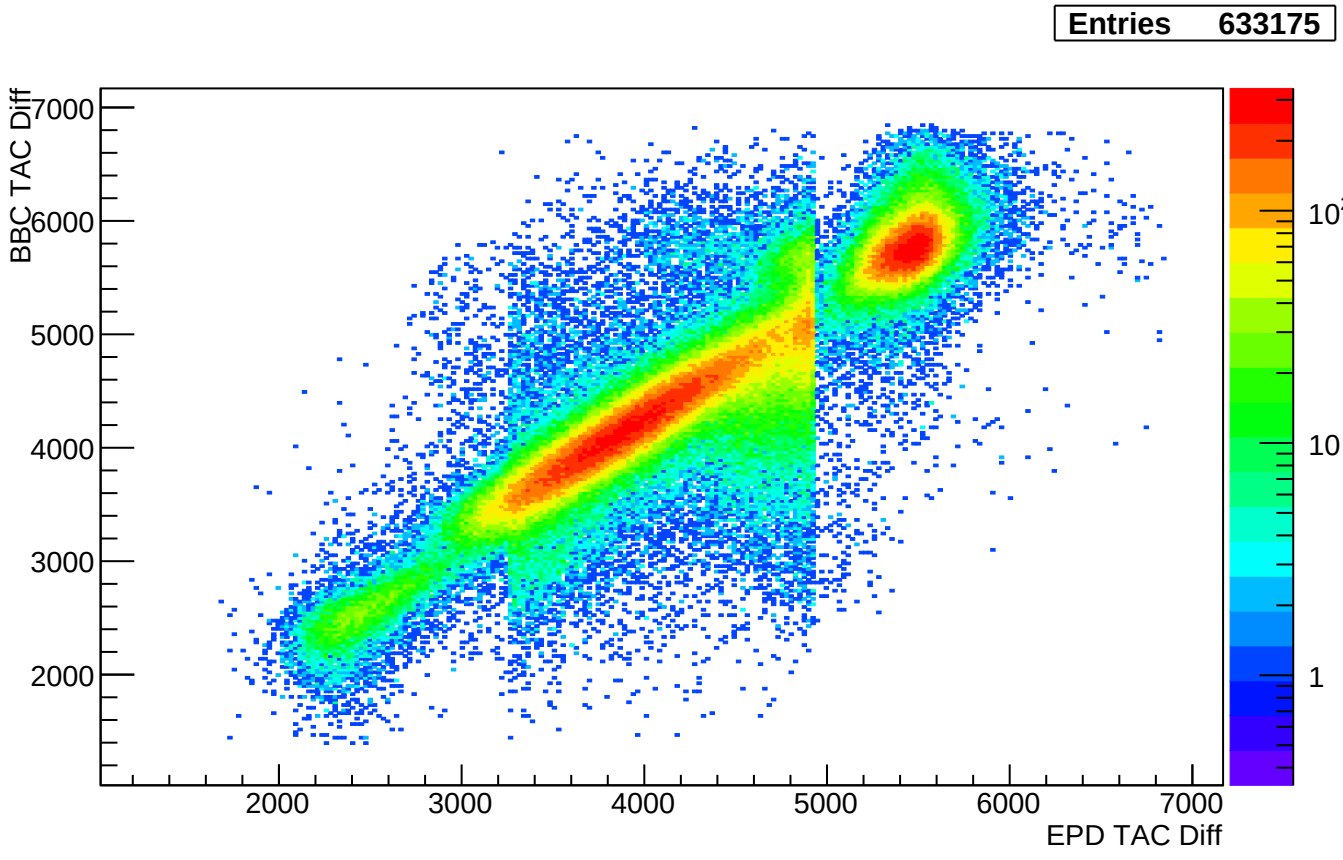

Entries 633175
TOF_Mult
BBC-S-West ADC Sum

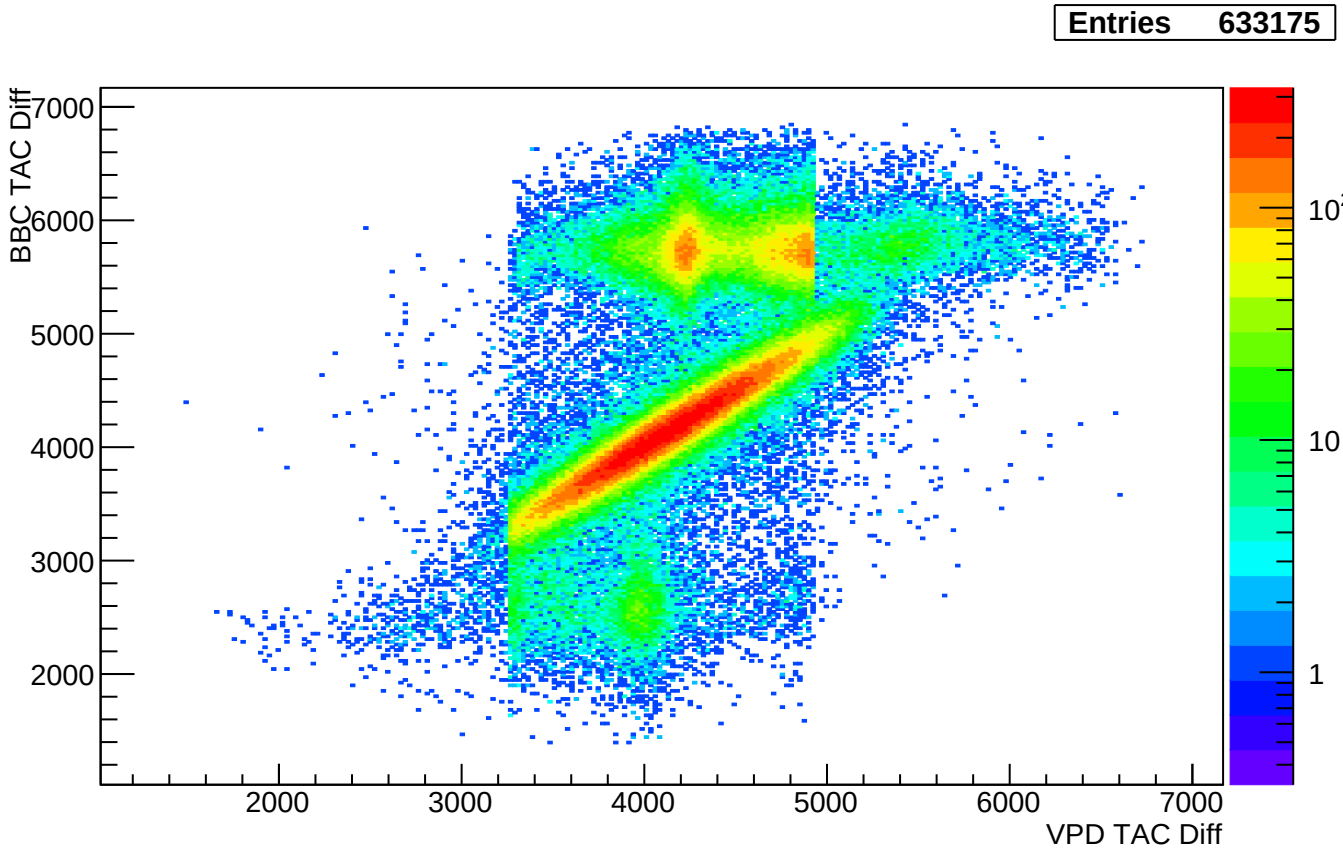

Entries 633175
TOF_Mult
EPD-East Hit Cnt

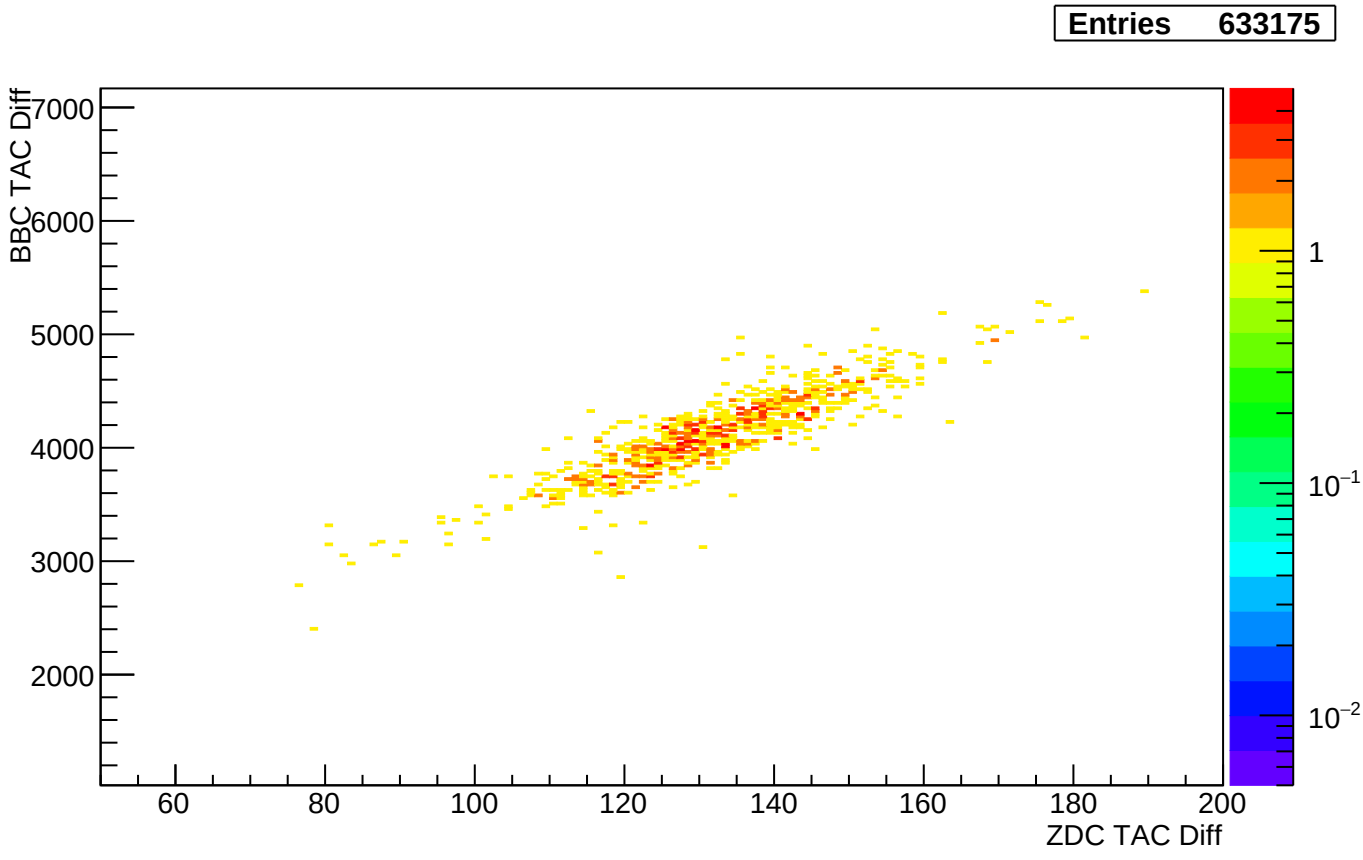

Entries 633175
TOF_Mult
EPD-West Hit Cnt

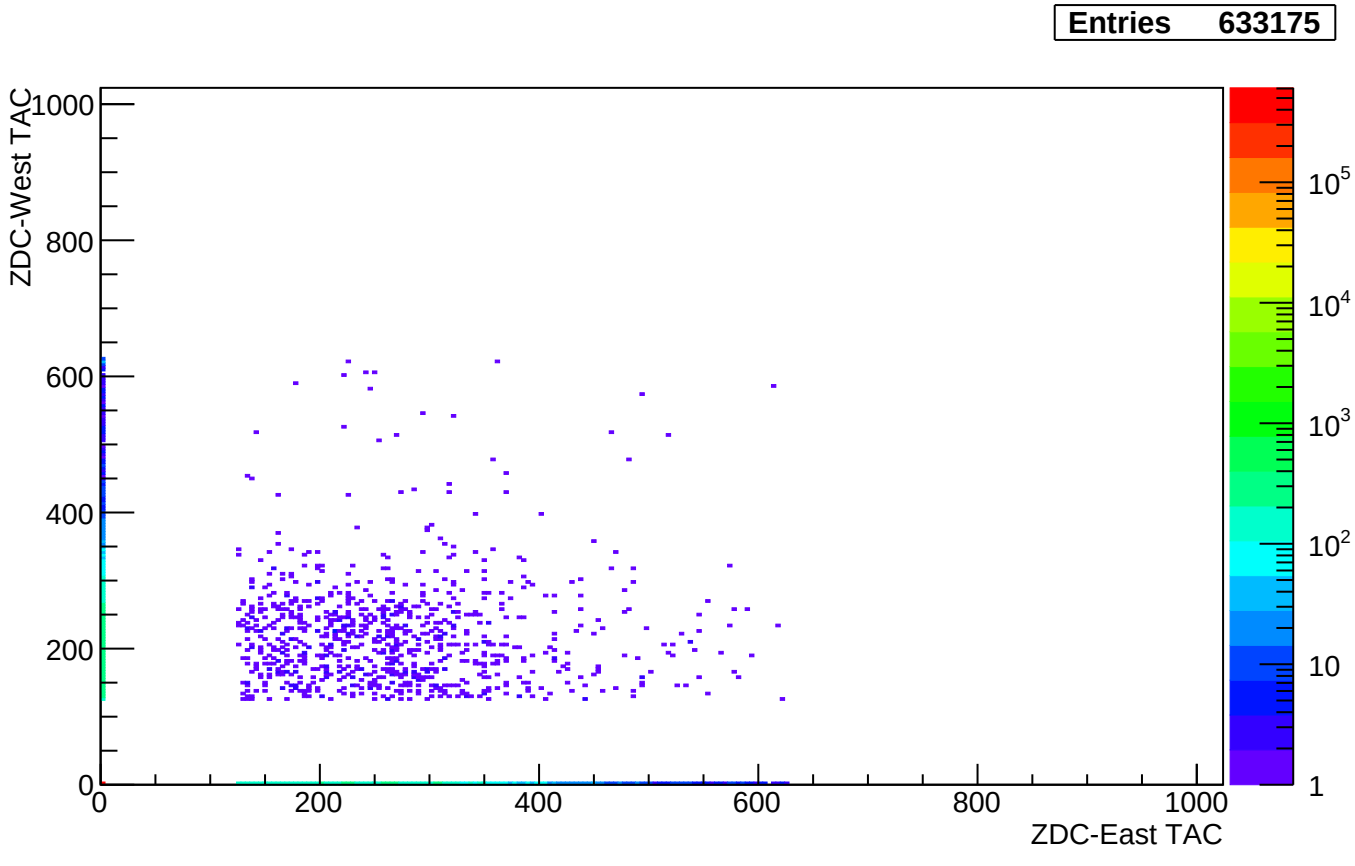

Entries 633175
TOF_Mult
VPD-East ADC Sum

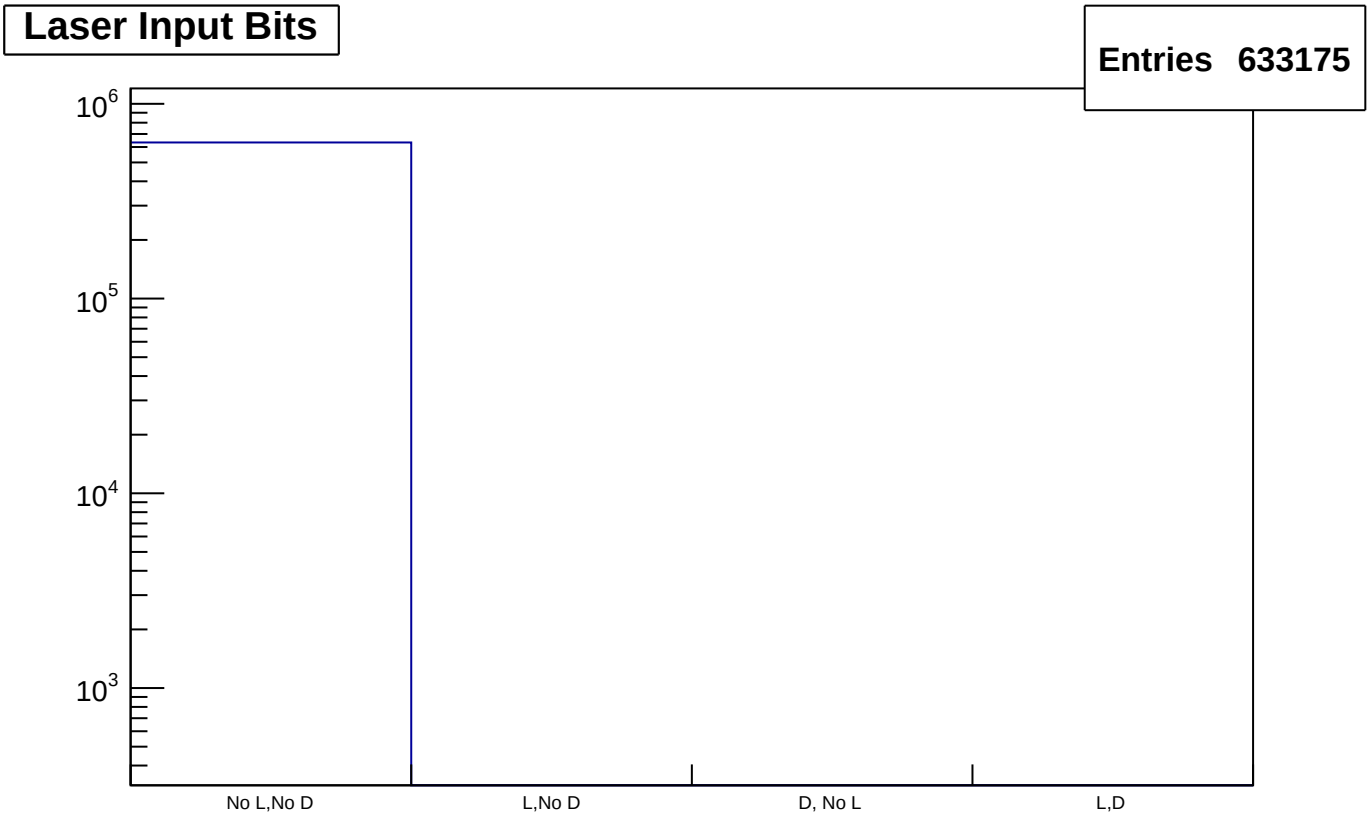

Entries 633175
TOF_Mult
VPD-West ADC Sum

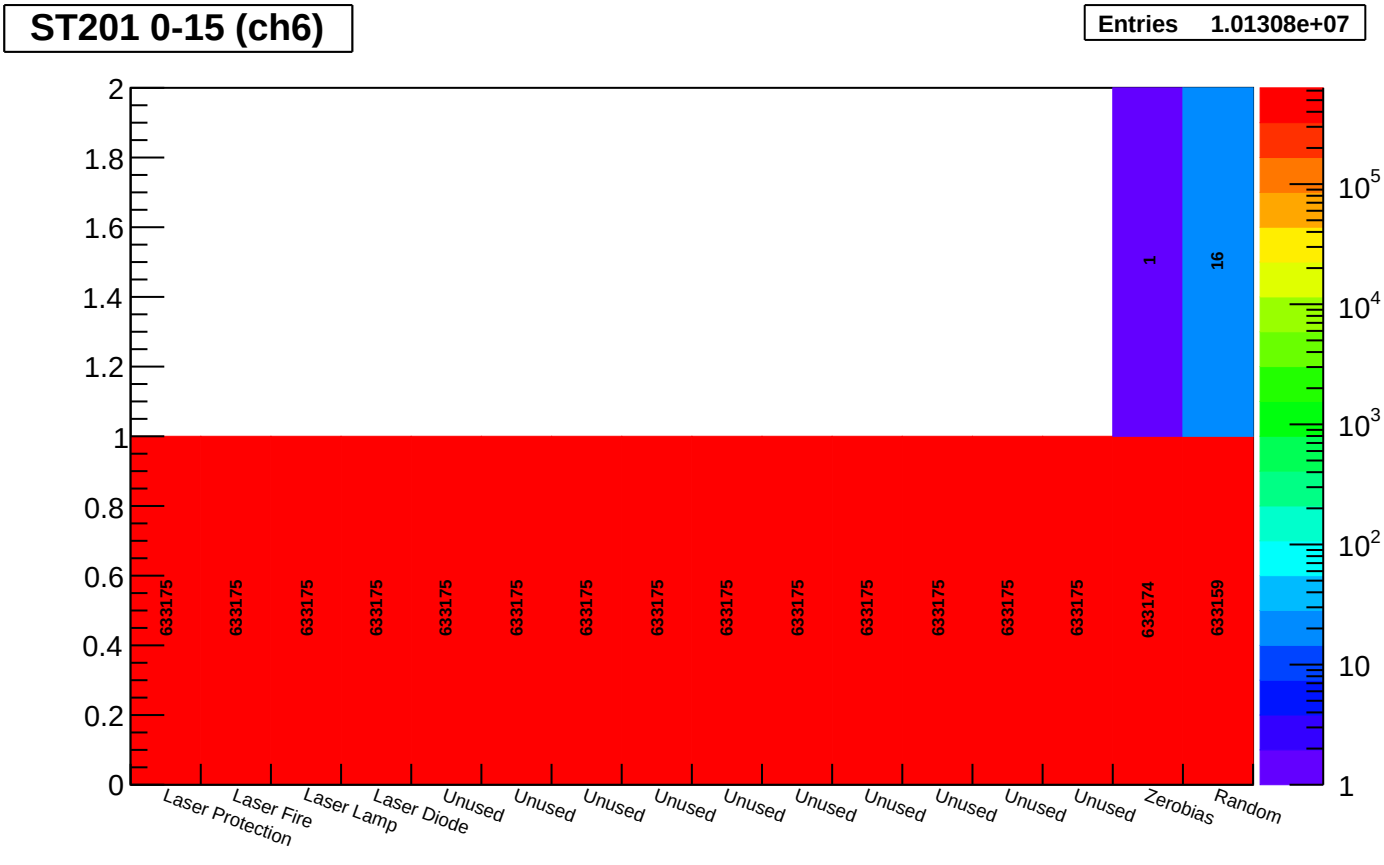

Entries 633175
BBC TAC Diff
EPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
10^2

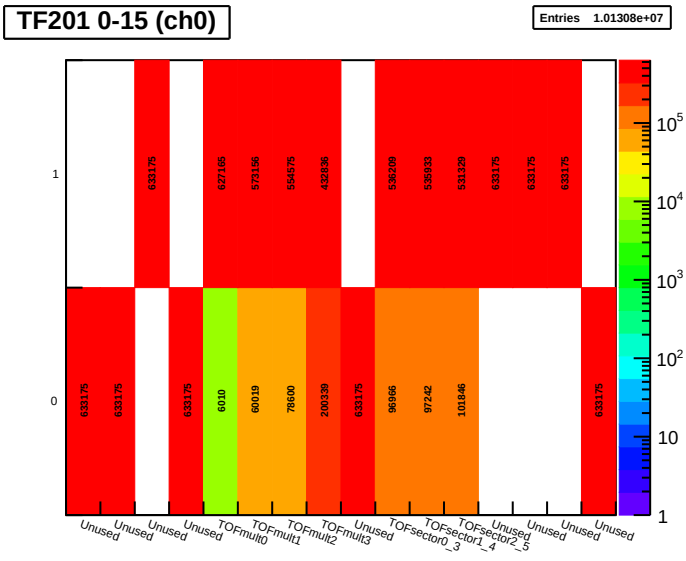

Entries 633175
BBC TAC Diff
VPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
10^2

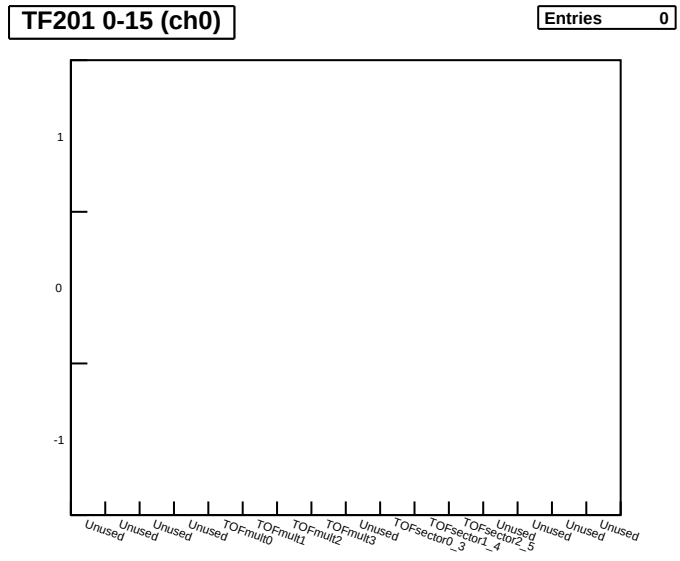

Entries 633175
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

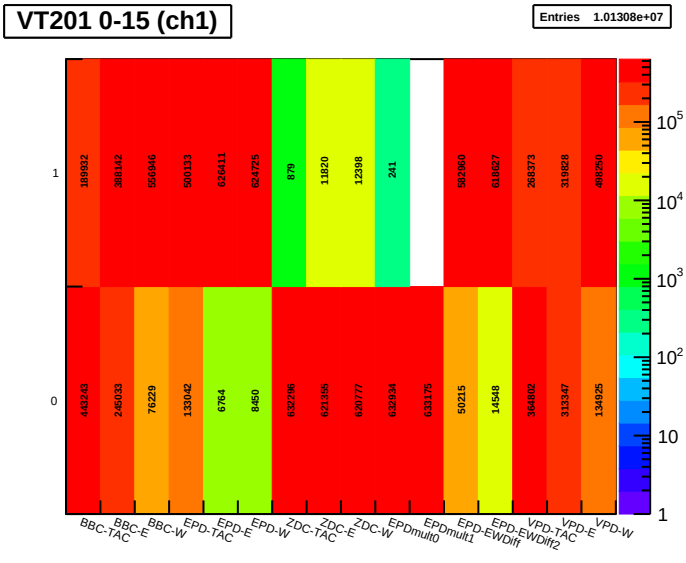

Entries 633175
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

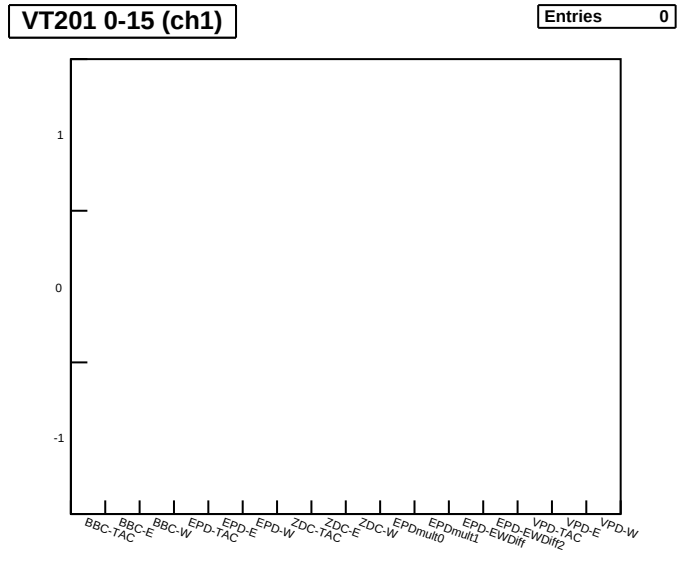

Laser Input Bits
Entries 633175
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

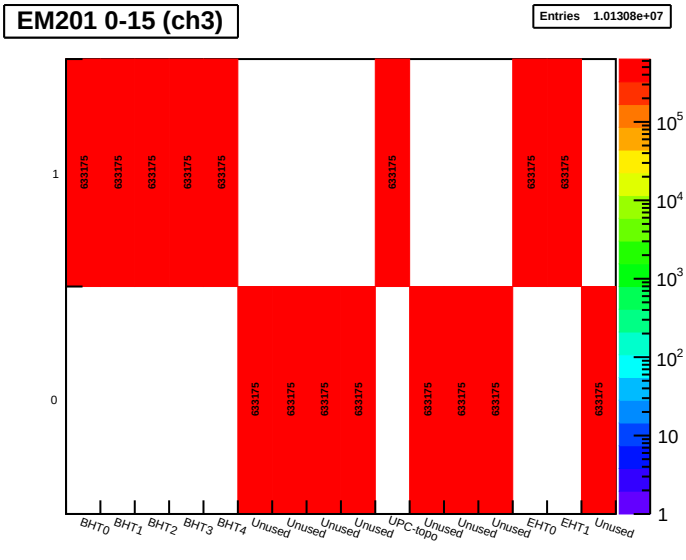

ST201 0-15 (ch6)
Entries 1.01308e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
633175
633175
633175
633175
633175
633175
633175
633175
633175
633175
633175
633175
633175
633174
633159
1
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

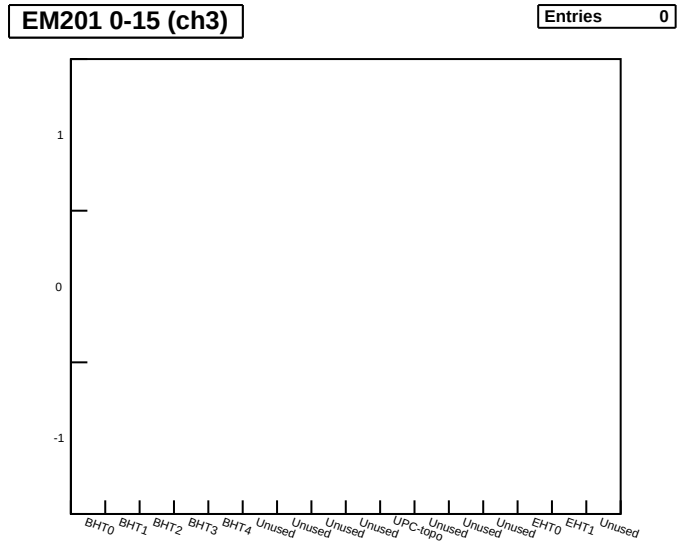

TF201 0-15 (ch0)
Entries 1.01308e+07
633175 627165 573156 554575 432836 536209 535933 531329 633175 633175 633175
633175 633175 633175 6010 60019 78600 200339 633175 96966 97242 101846 633175
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 1.01308e+07
189932 388142 556946 500133 626411 624725 879 11820 12398 241 582960 618627 268373 319828 498250
443243 245033 76229 133042 6764 8450 632296 621355 620777 632934 633175 50215 14548 364802 313347 134925
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 1.01308e+07
633175 633175 633175 633175 633175 633175 633175 633175
633175 633175 633175 633175 633175 633175 633175 633175
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