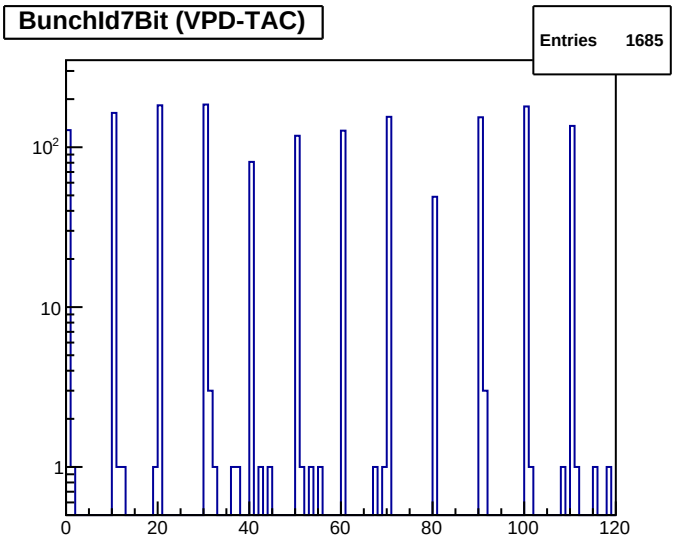
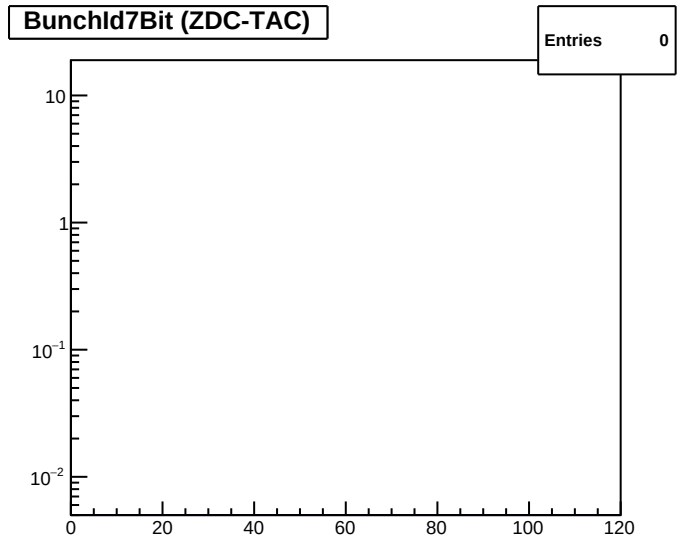
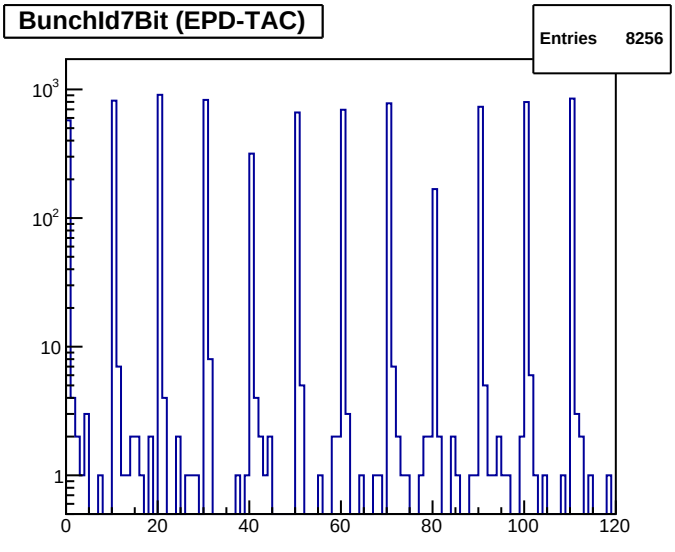
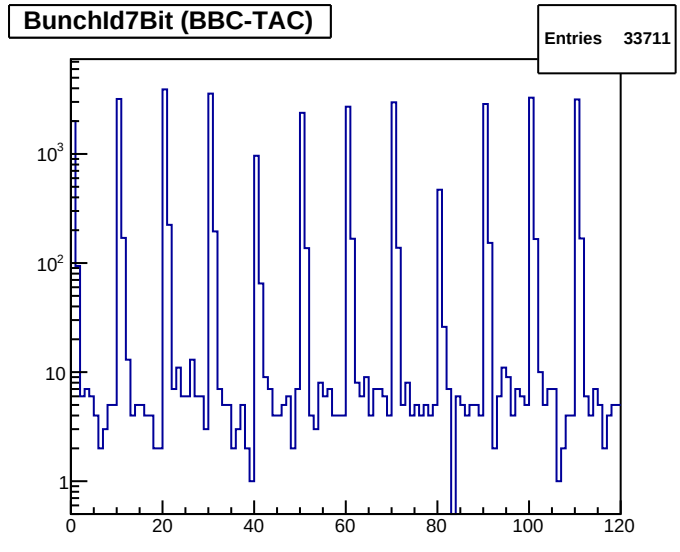
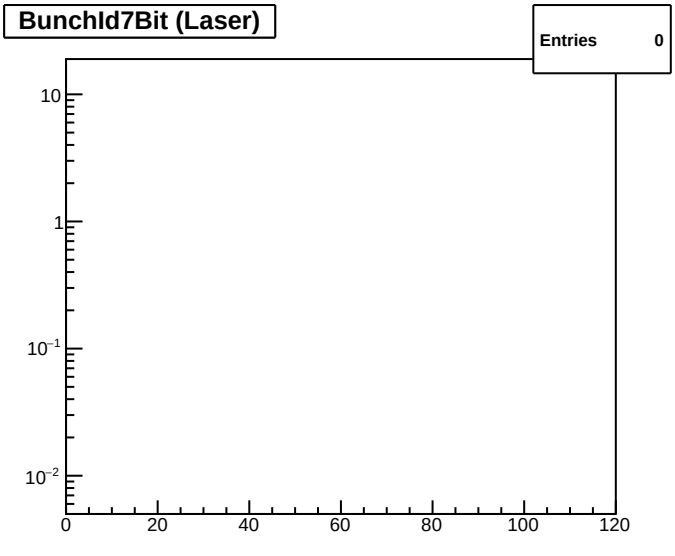
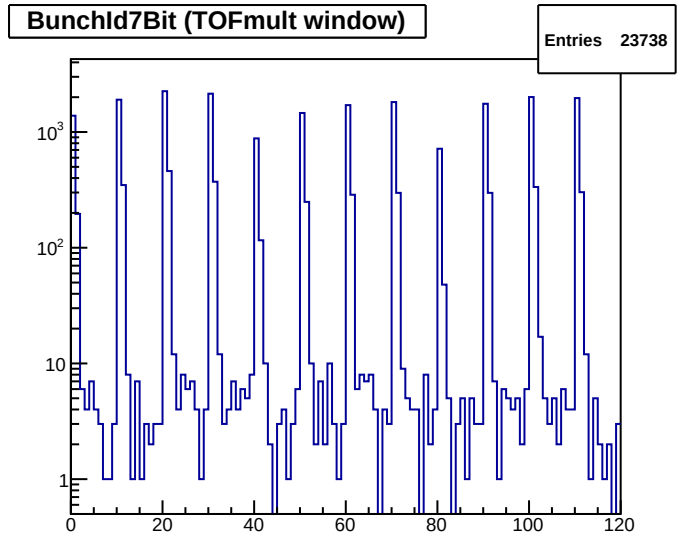

BunchId7Bit (VPD-TAC)
Entries 1685

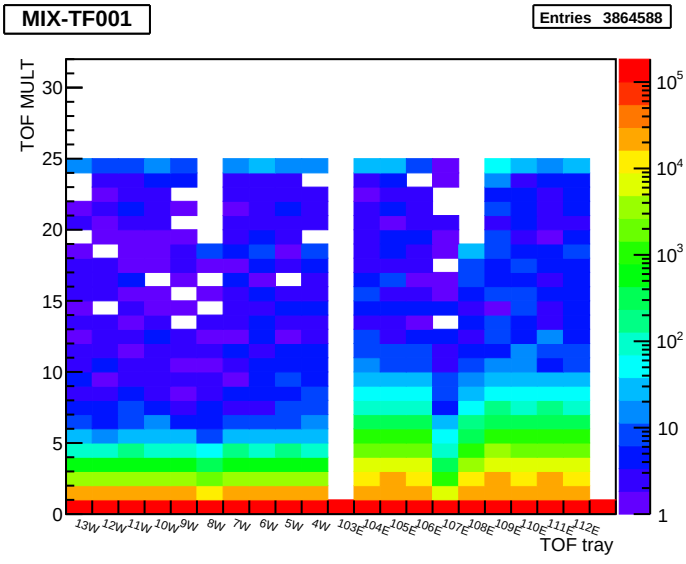

BunchId7Bit (ZDC-TAC)
Entries 0

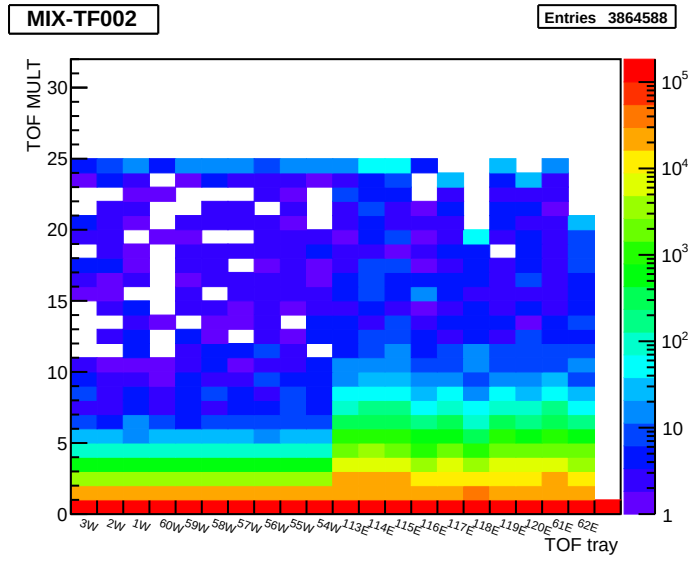

BunchId7Bit (EPD-TAC)
Entries 8256

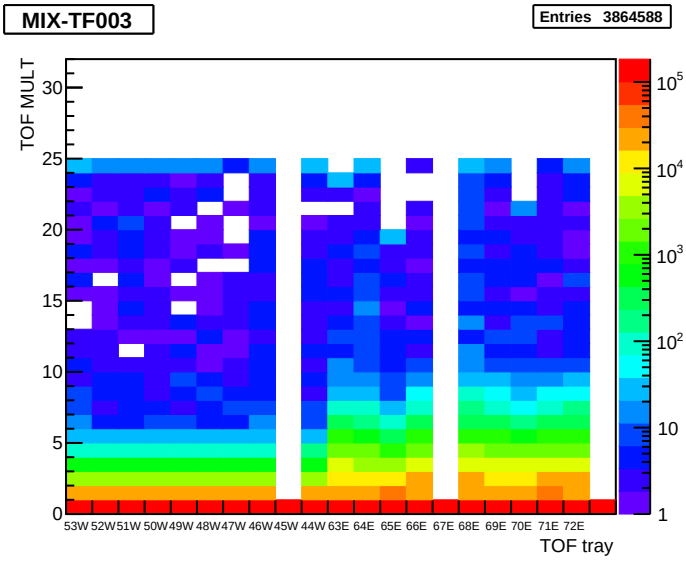

BunchId7Bit (BBC-TAC)
Entries 33711

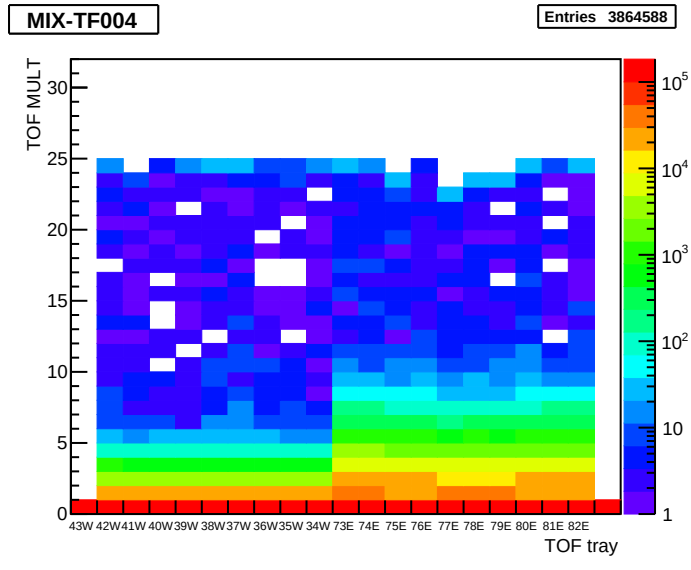

BunchId7Bit (Laser)
Entries 0

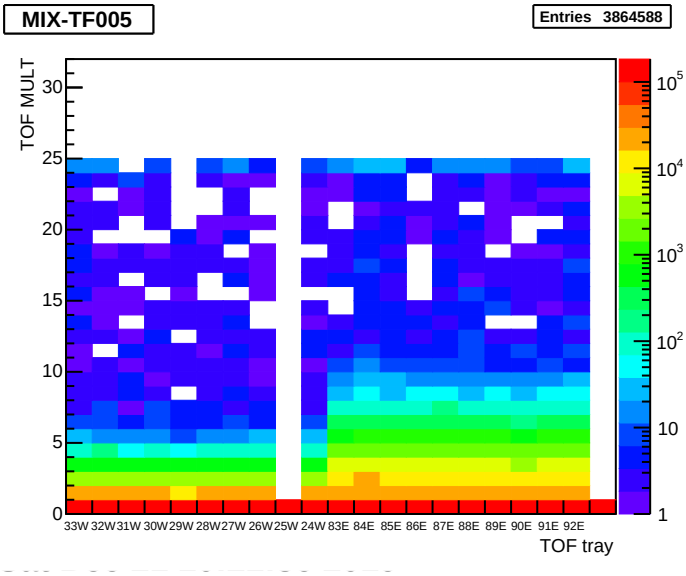

BunchId7Bit (TOFmult window)
Entries 23738

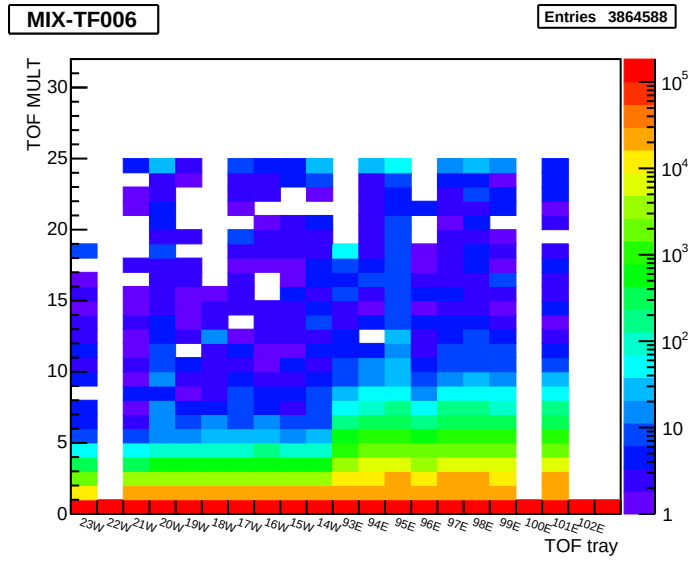

MIX-TF001
Entries 3864588
TOF MULT
TOF tray

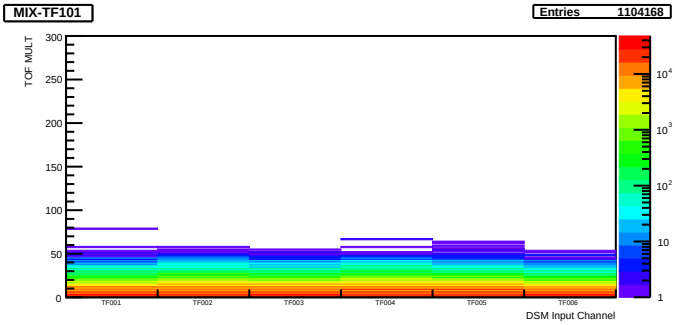

MIX-TF002
Entries 3864588
TOF MULT
TOF tray

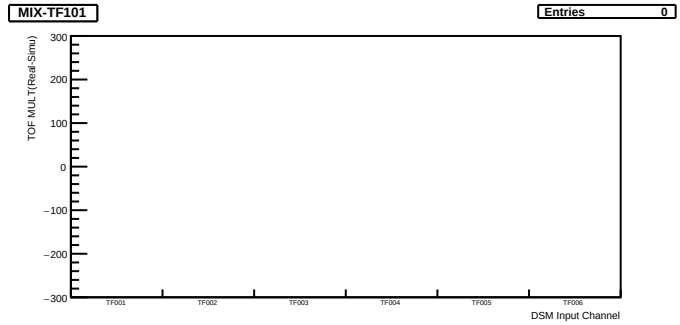

MIX-TF003
Entries 3864588
TOF MULT
TOF tray

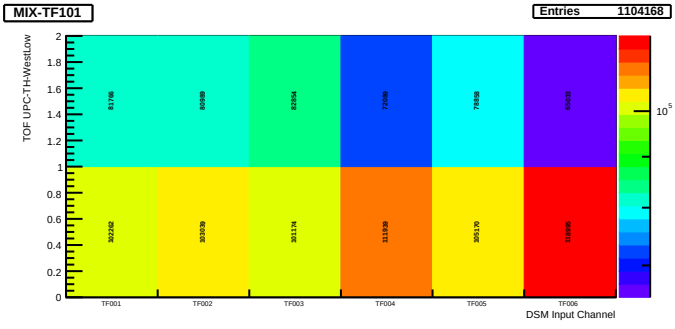

MIX-TF004
Entries 3864588
TOF MULT
TOF tray

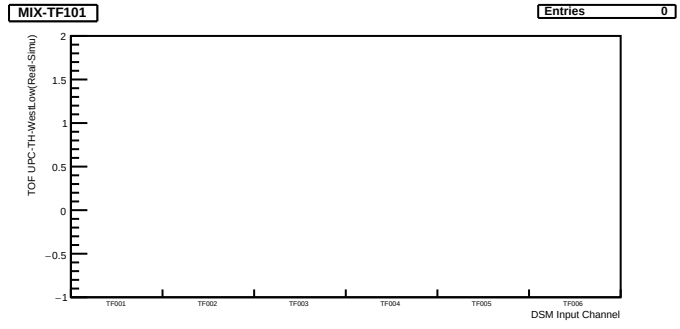

MIX-TF005
Entries 3864588
TOF MULT
TOF tray

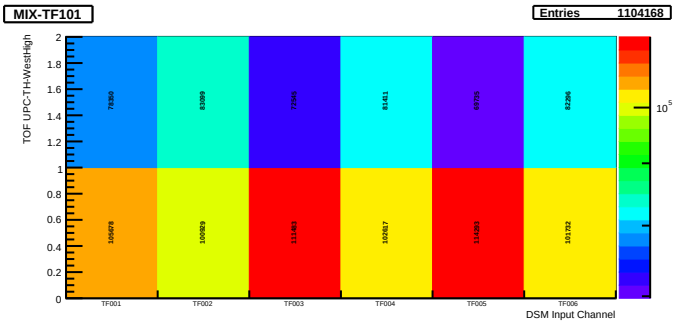

MIX-TF006
Entries 3864588
TOF MULT
TOF tray

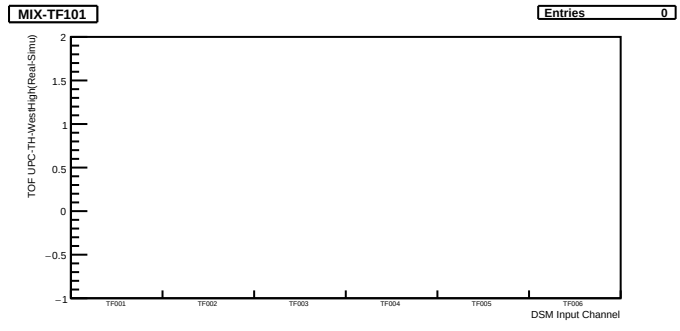

MIX-TF101
Entries 1104168
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

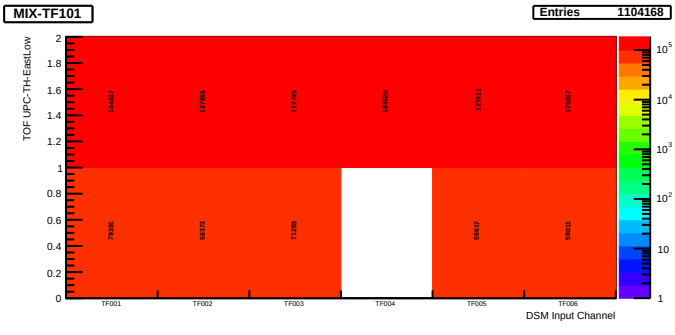

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

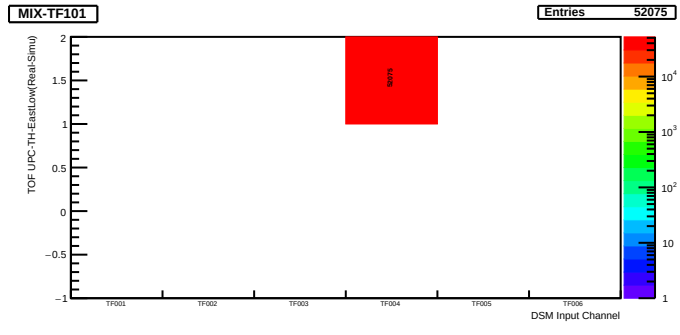

MIX-TF101
Entries 1104168
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

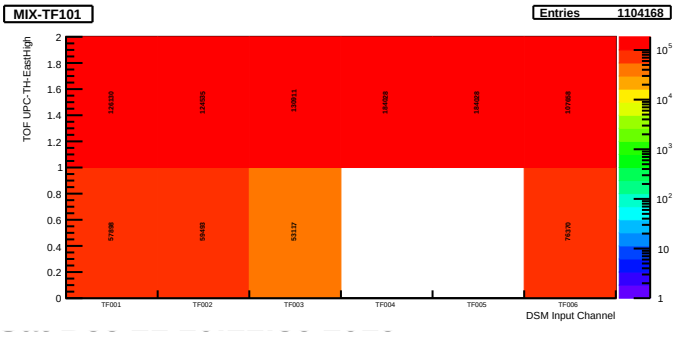

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

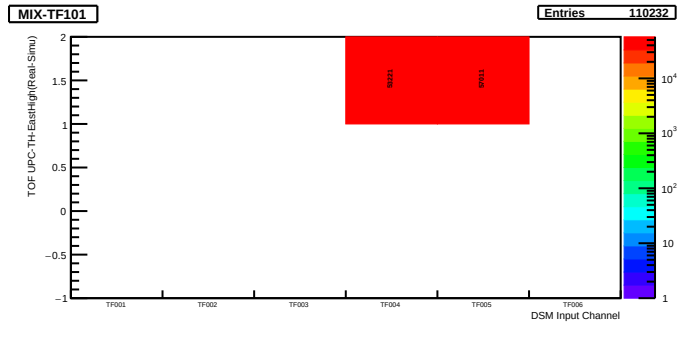

MIX-TF101
Entries 1104168
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

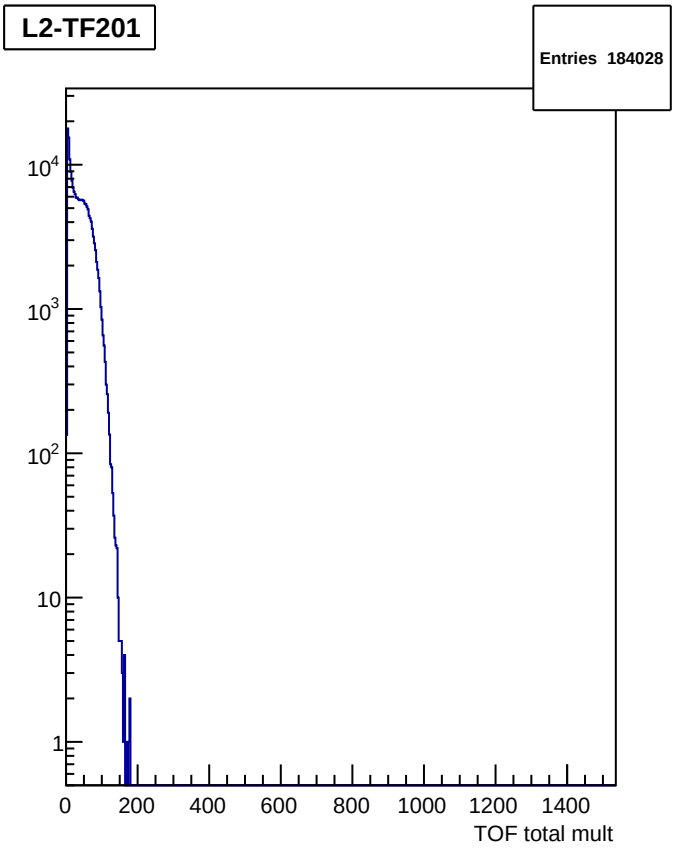

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

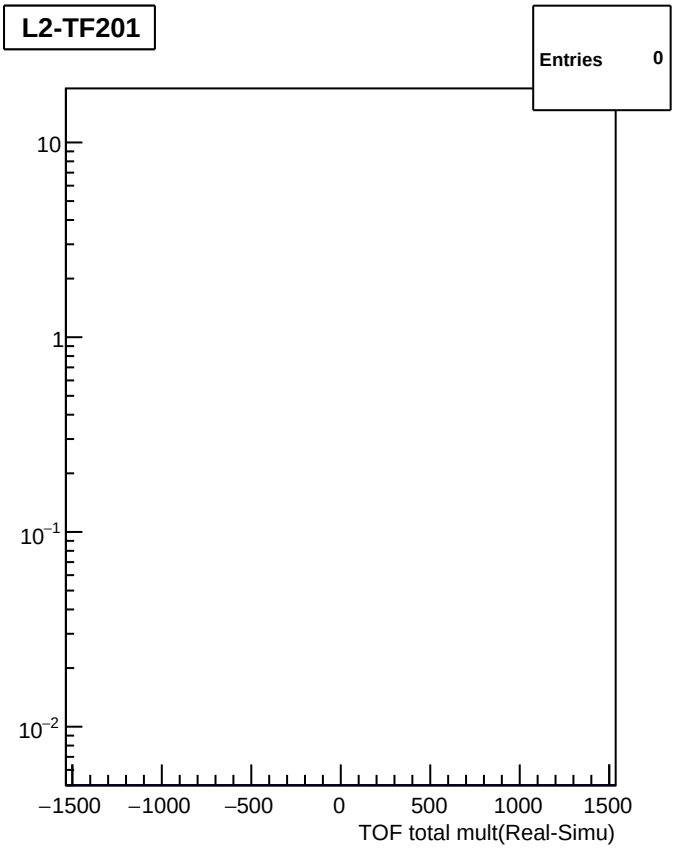

MIX-TF101
Entries 1104168
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

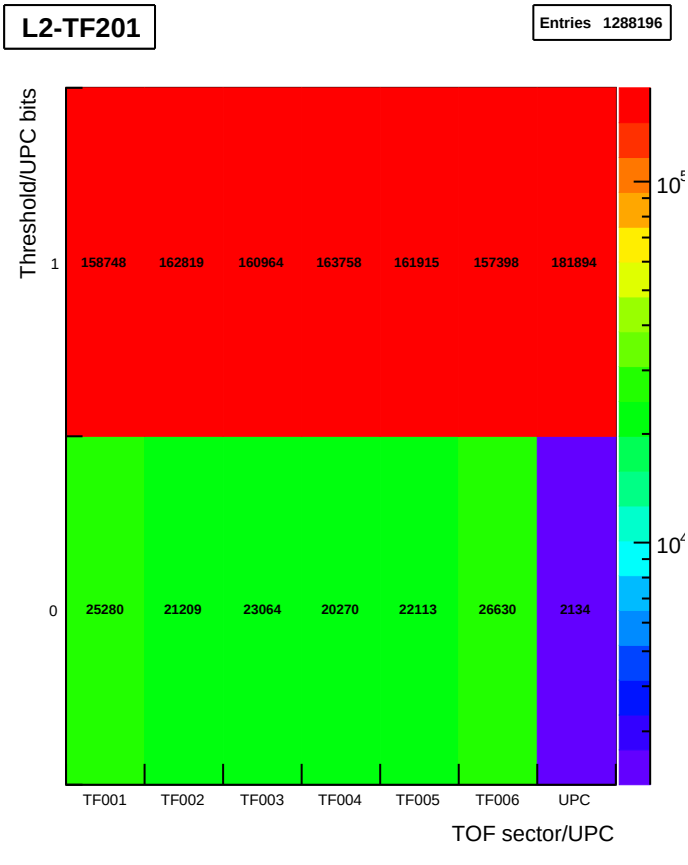

MIX-TF101
Entries 52075
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

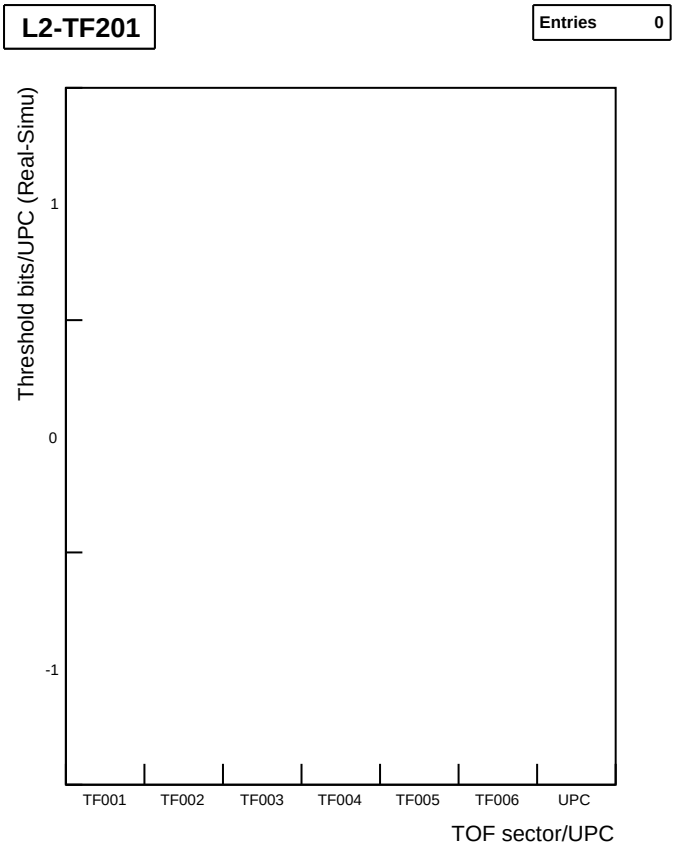

MIX-TF101
Entries 1104168
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

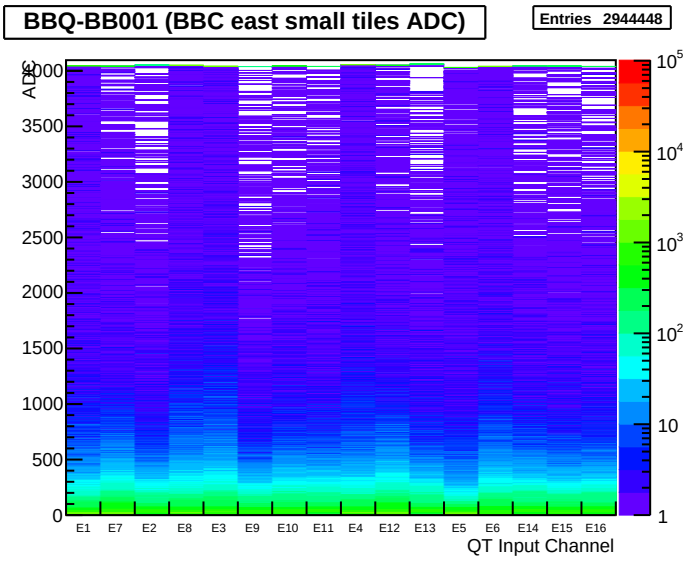

MIX-TF101
Entries 110232
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

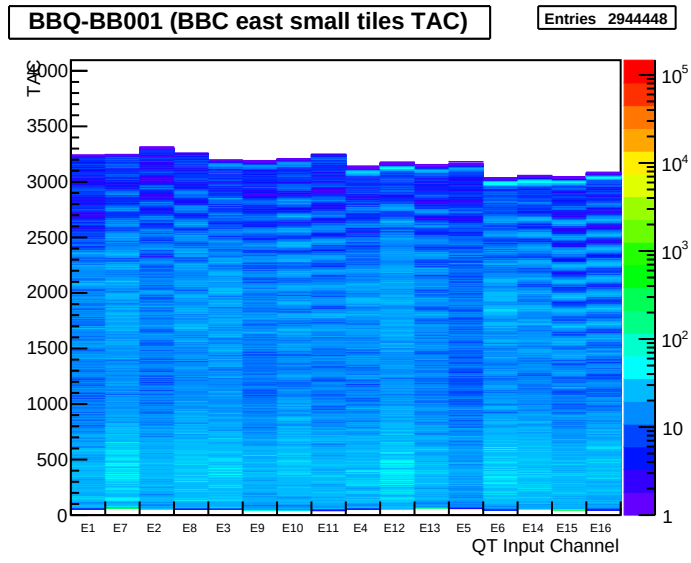

L2-TF201
Entries 184028
TOF total mult

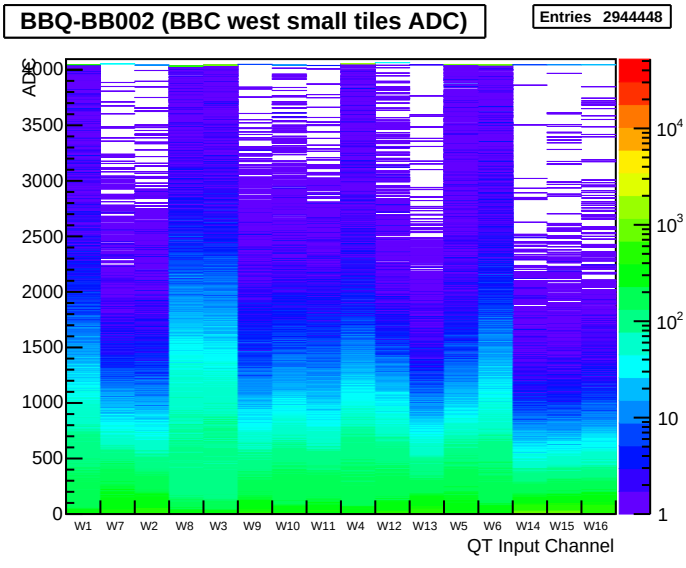

L2-TF201
Entries 0
TOF total mult(Real-Simu)

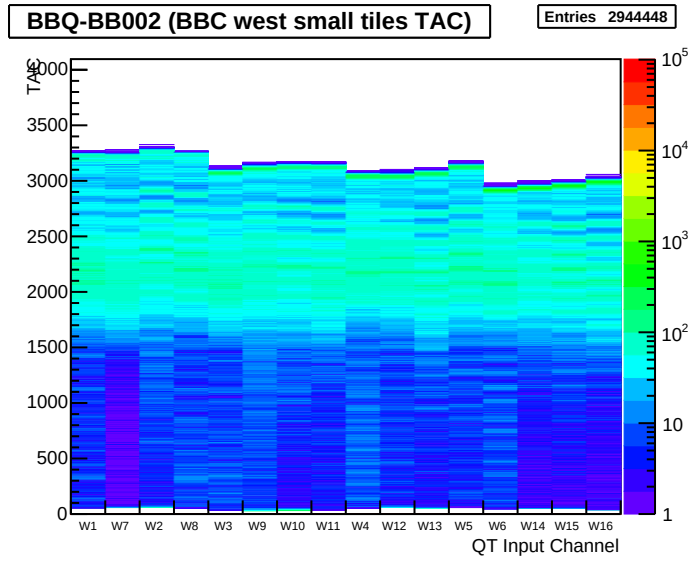

L2-TF201
Entries 1288196
Threshold/UPC bits
158748
162819
160964
163758
161915
157398
181894
25280
21209
23064
20270
22113
26630
2134
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

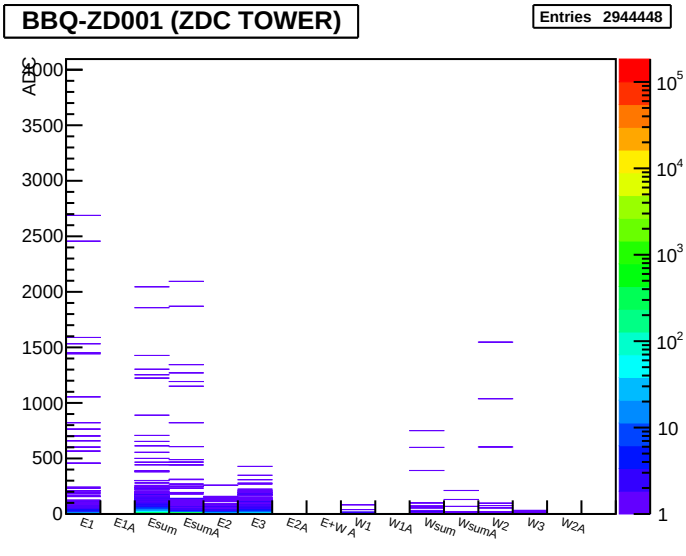

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

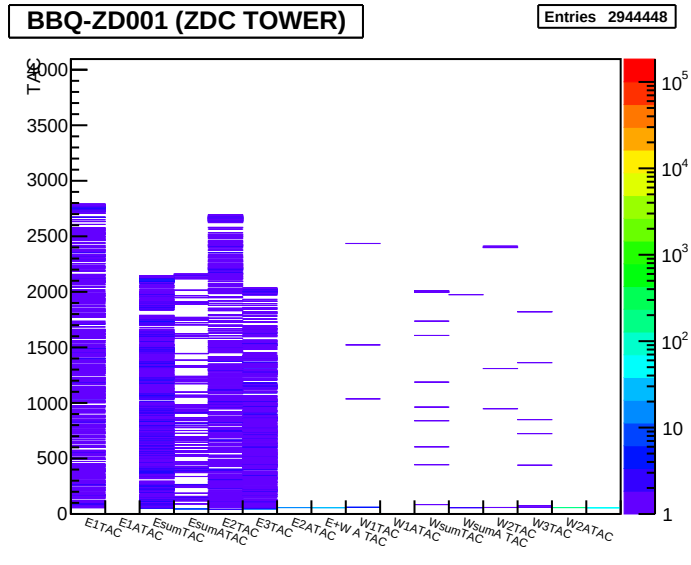

BBQ-BB001 (BBC east small tiles ADC)
Entries 2944448
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

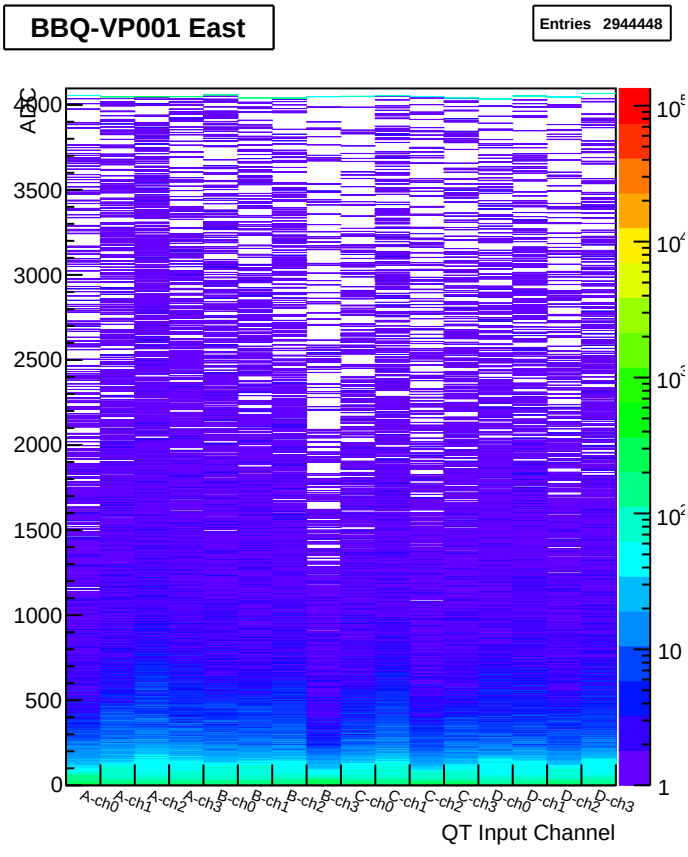

BBQ-BB001 (BBC east small tiles TAC)
Entries 2944448
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

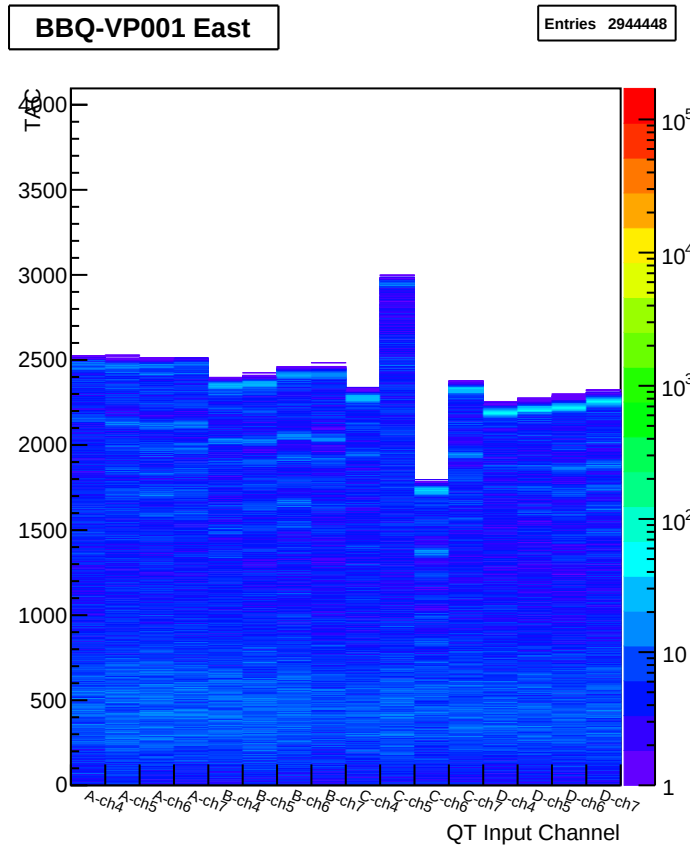

BBQ-BB002 (BBC west small tiles ADC)
Entries 2944448
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

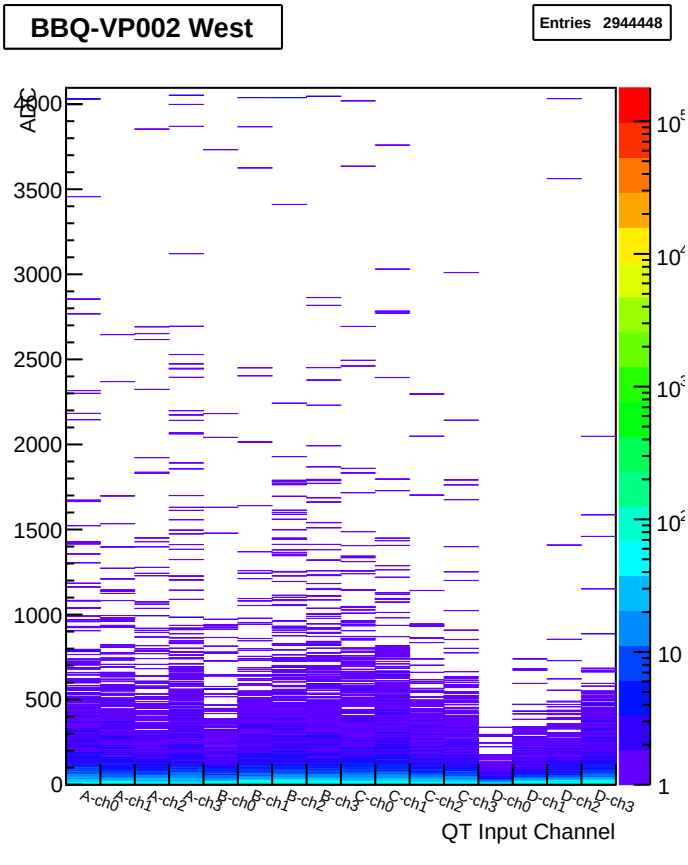

BBQ-BB002 (BBC west small tiles TAC)
Entries 2944448
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

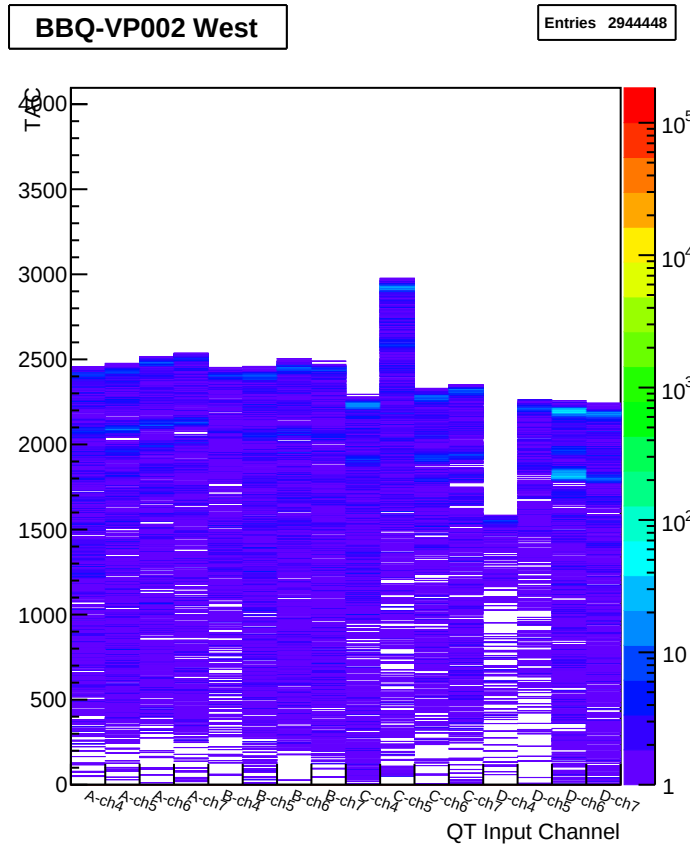

BBQ-ZD001 (ZDC TOWER)
Entries 2944448
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

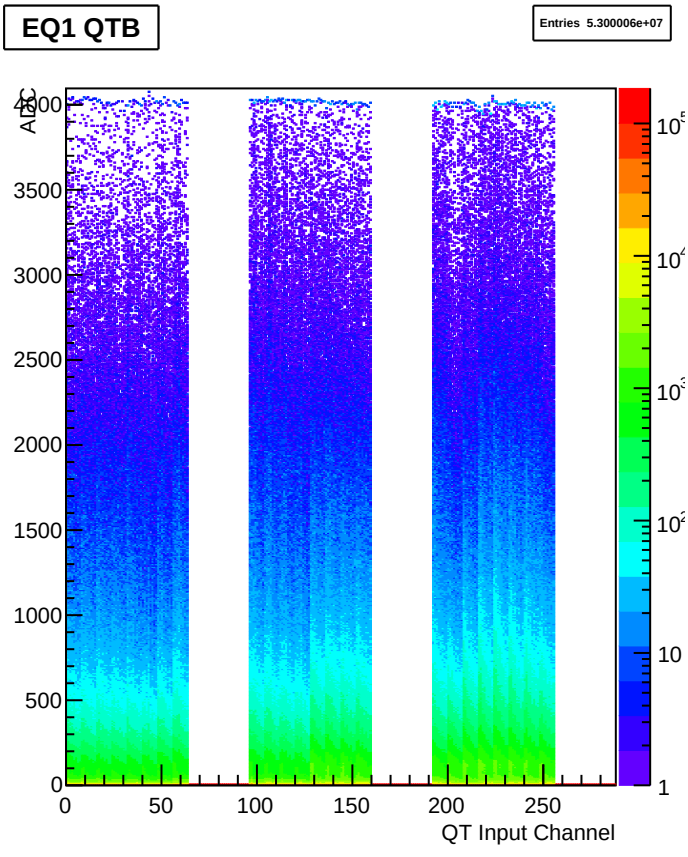

BBQ-ZD001 (ZDC TOWER)
Entries 2944448
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

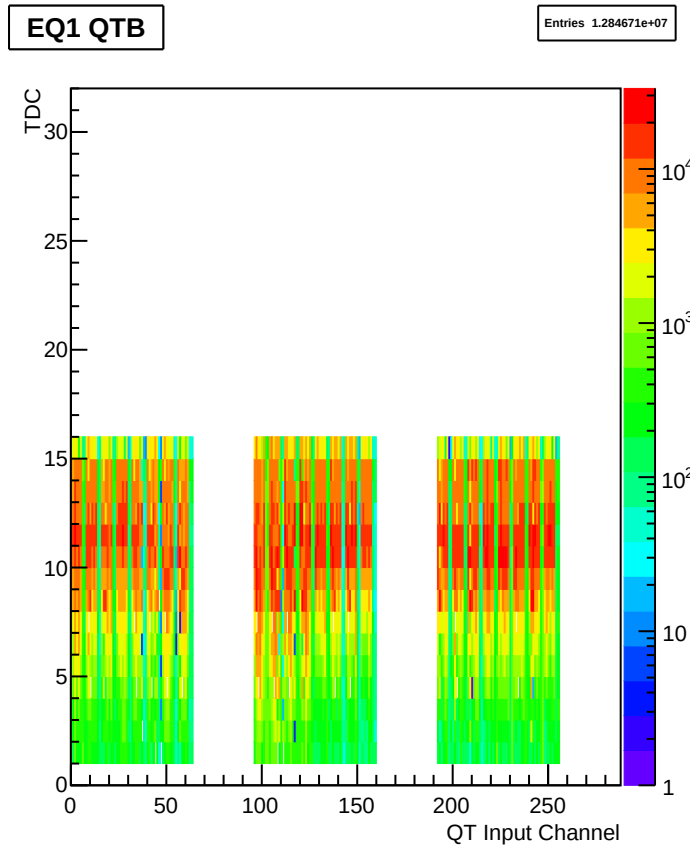

BBQ-VP001 East
Entries 2944448
ADC
QT Input Channel

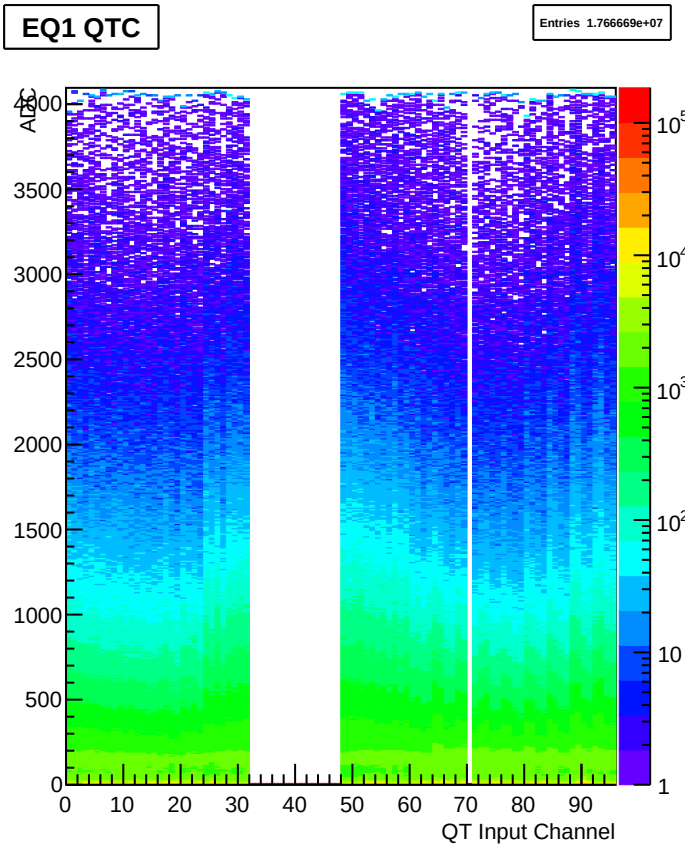

BBQ-VP001 East
Entries 2944448
TAC
QT Input Channel

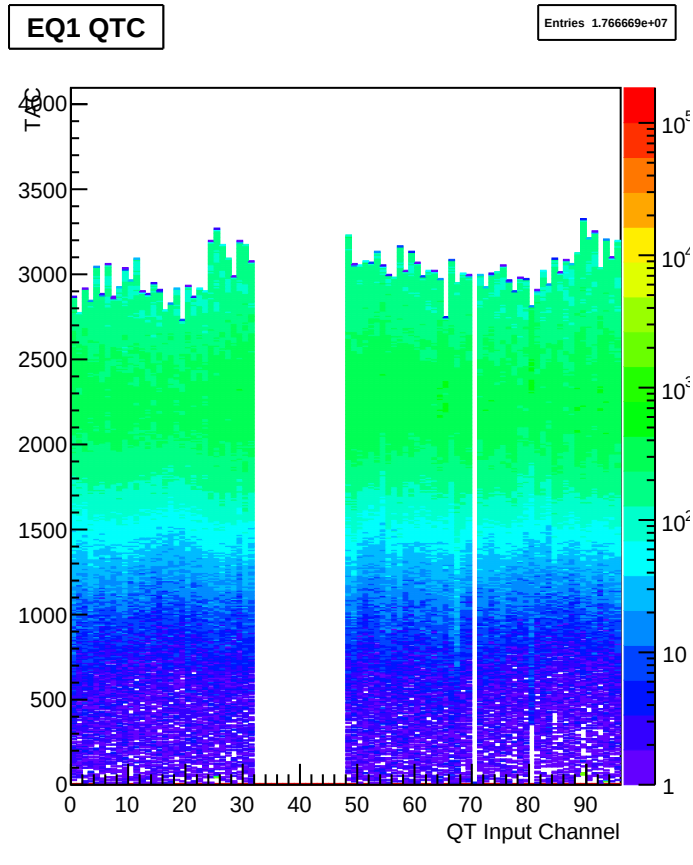

BBQ-VP002 West
Entries 2944448
ADC
QT Input Channel

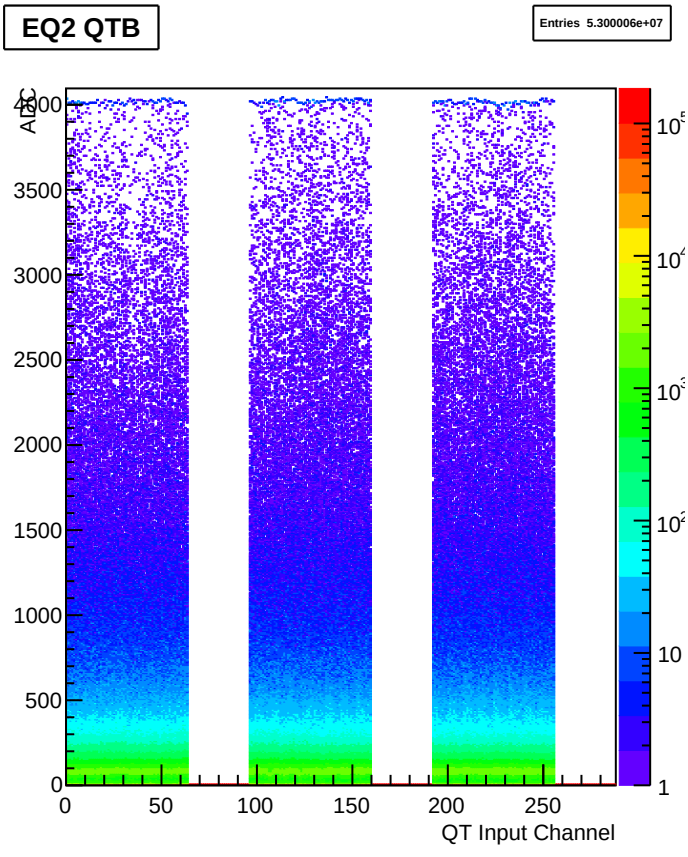

BBQ-VP002 West
Entries 2944448
TAC
QT Input Channel

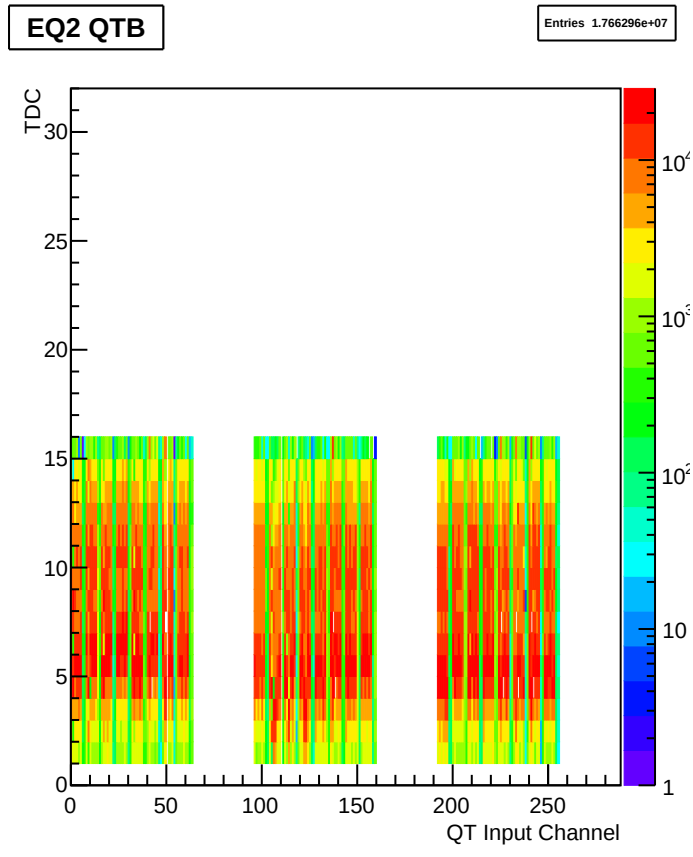

EQ1 QTB
Entries 5.300006e+07
ADC
QT Input Channel

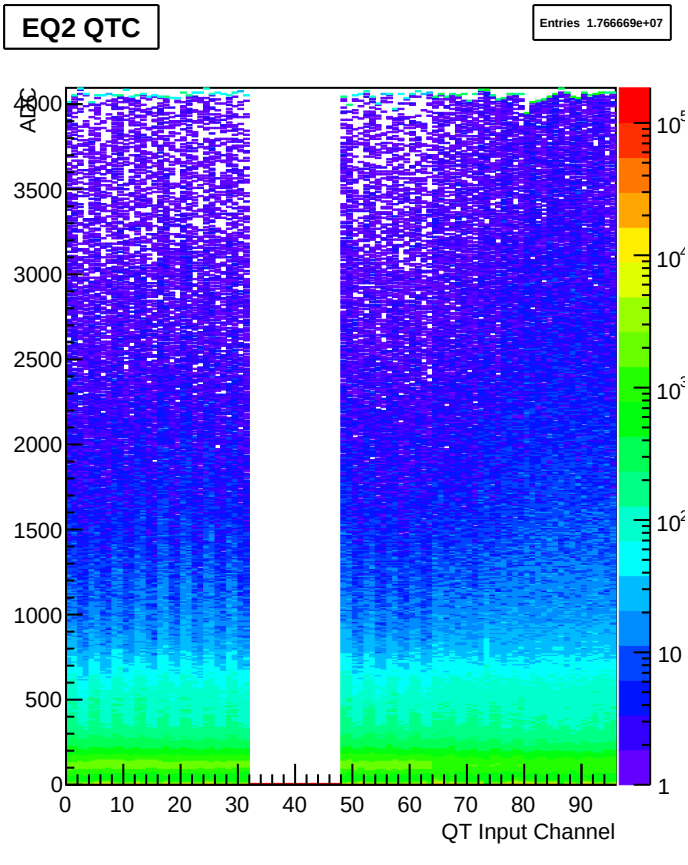

EQ1 QTB
Entries 1.284671e+07
TDC
QT Input Channel

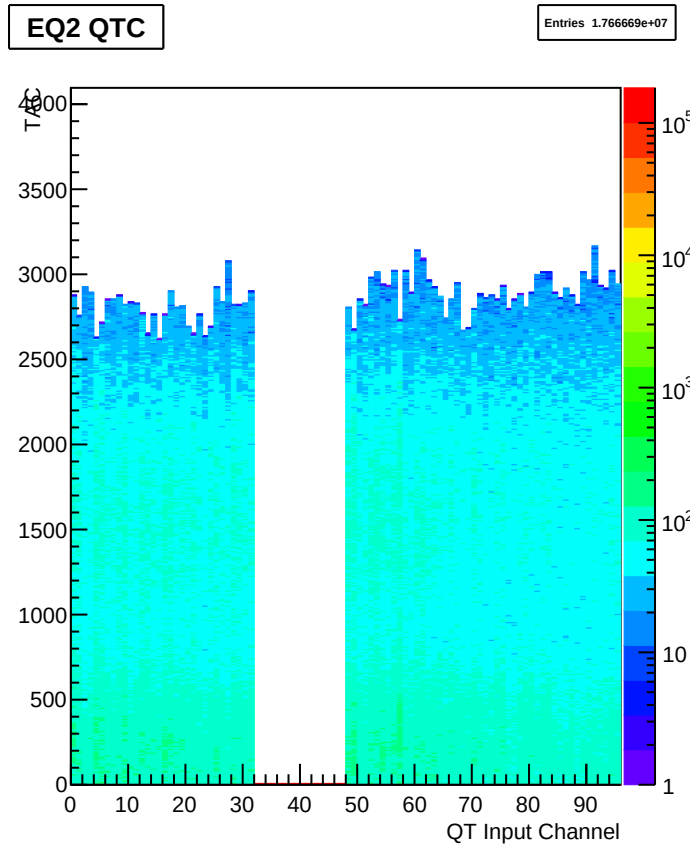

EQ1 QTC
Entries 1.766669e+07
ADC
QT Input Channel

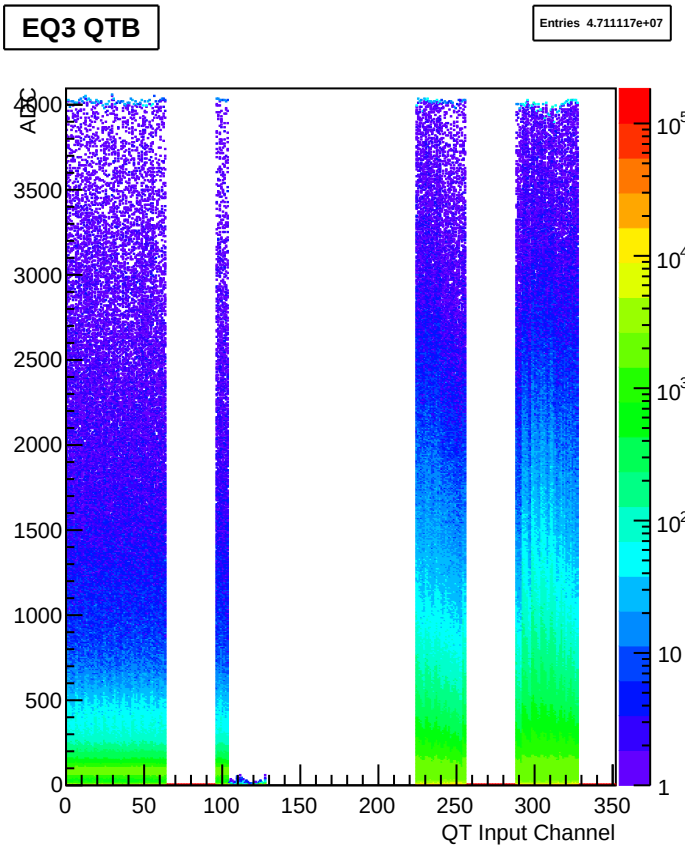

EQ1 QTC
Entries 1.766669e+07
TADC
QT Input Channel

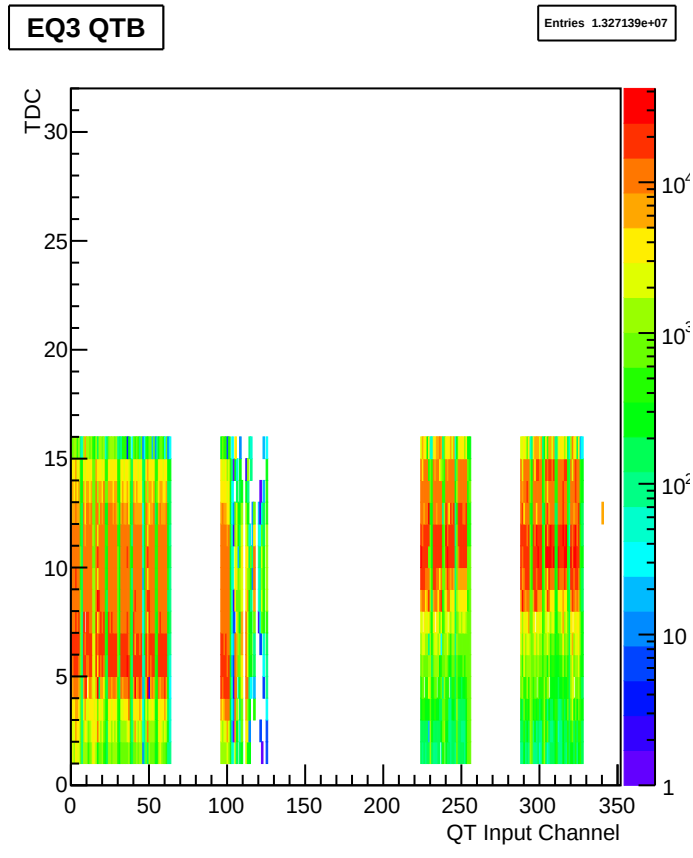

EQ2 QTB
Entries 5.300006e+07
ADC
QT Input Channel

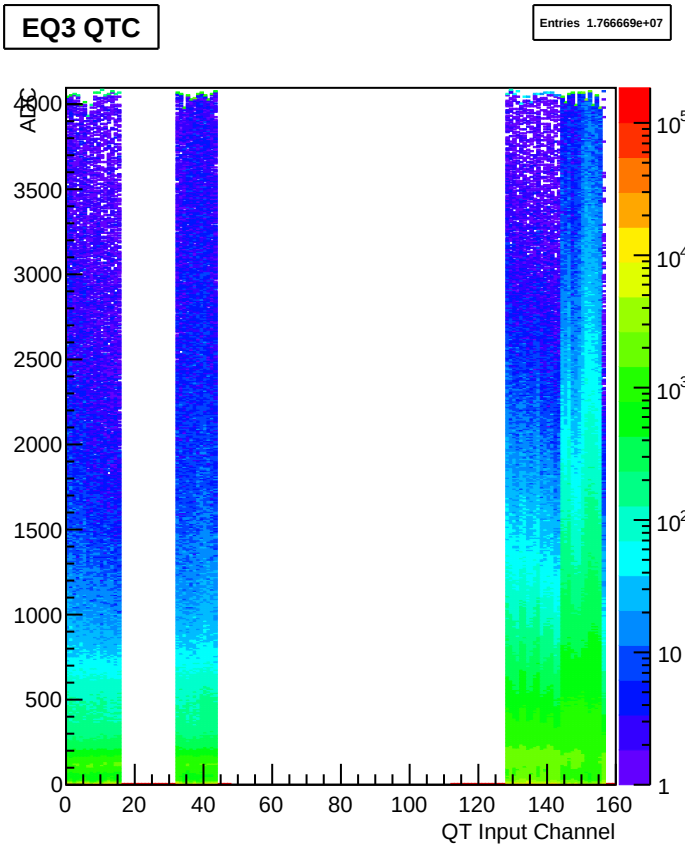

EQ2 QTB
Entries 1.766296e+07
TDC
QT Input Channel

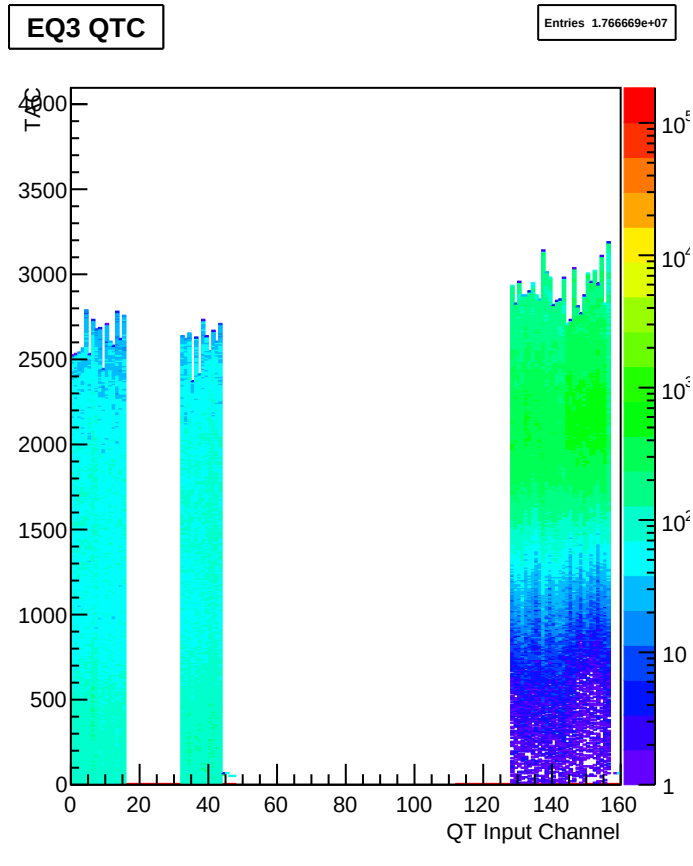

EQ2 QTC
Entries 1.766669e+07
ADC
QT Input Channel

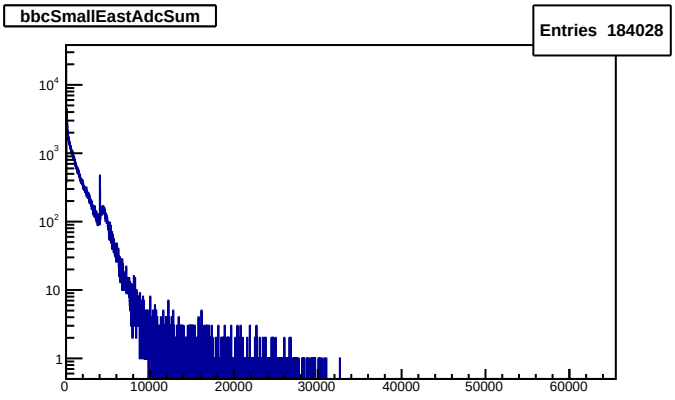

EQ2 QTC
Entries 1.766669e+07
TADC
QT Input Channel

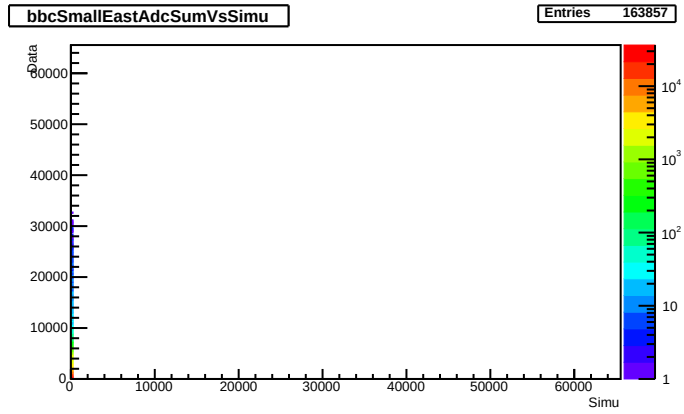

EQ3 QTB
Entries 4.711117e+07
ADC
QT Input Channel

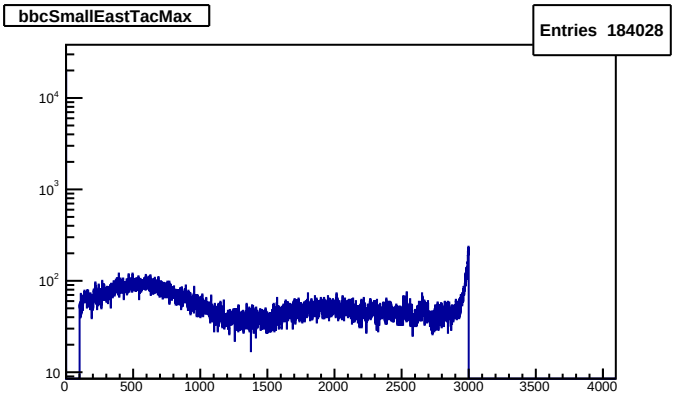

EQ3 QTB
Entries 1.327139e+07
TDC
QT Input Channel

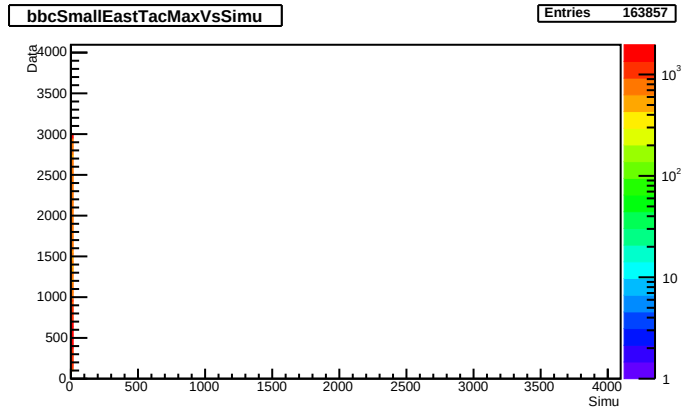

EQ3 QTC
Entries 1.766669e+07
ADC
QT Input Channel

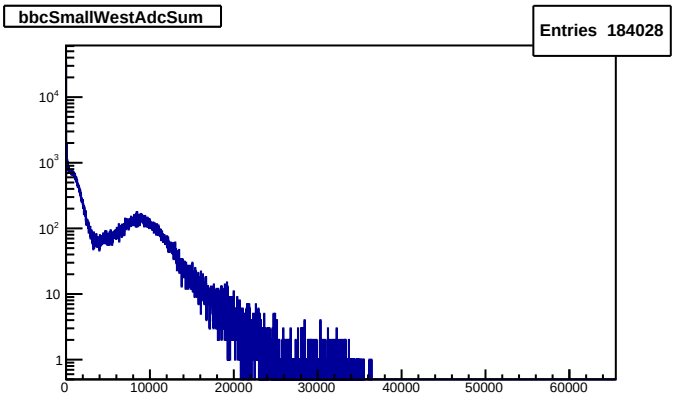

EQ3 QTC
Entries 1.766669e+07
TADC
QT Input Channel

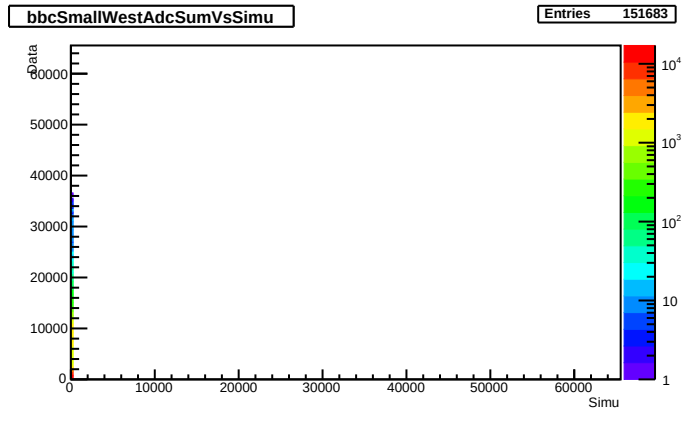

bbcSmallEastAdcSum
Entries 184028


bbcSmallEastAdcSumVsSimu
Entries 163857
Data
Simu


bbcSmallEastTacMax
Entries 184028


bbcSmallEastTacMaxVsSimu
Entries 163857
Data
Simu


bbcSmallWestAdcSum
Entries 184028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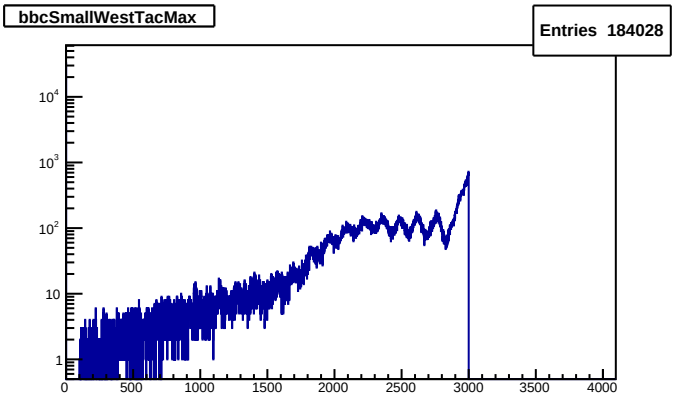
Entries 151683
Data
Simu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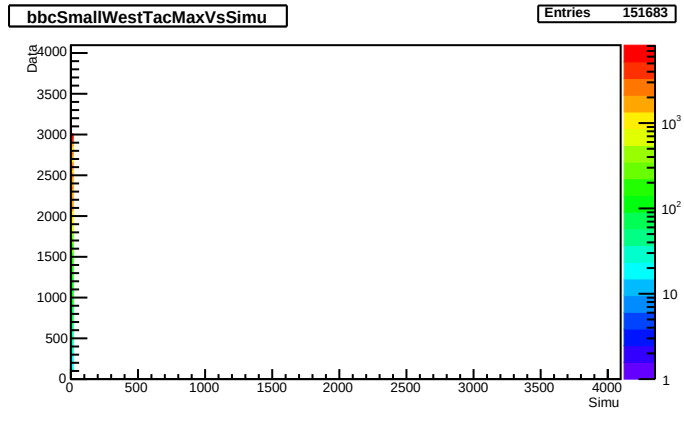
Entries 184028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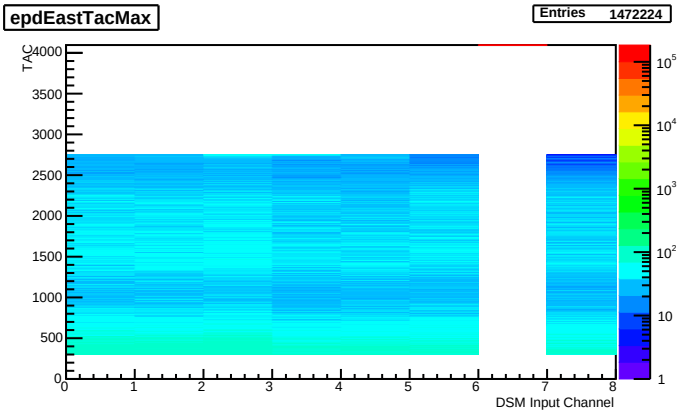
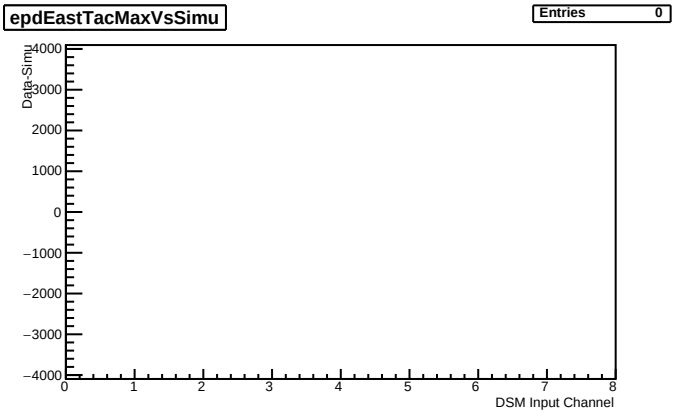
Entries 151683
Data
Simu


epdEastTacMax
Entries 1472224
TAC
DSM Input Channel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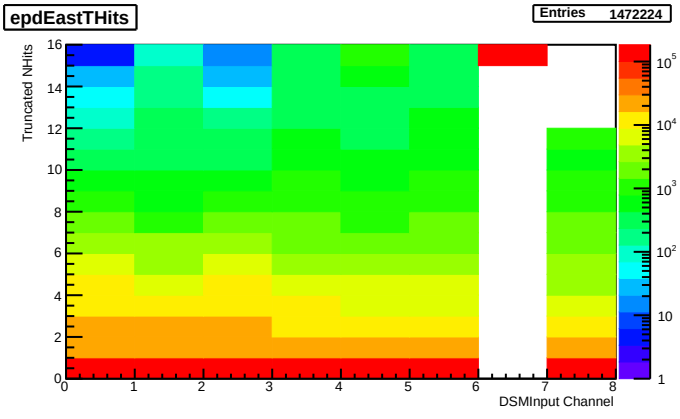
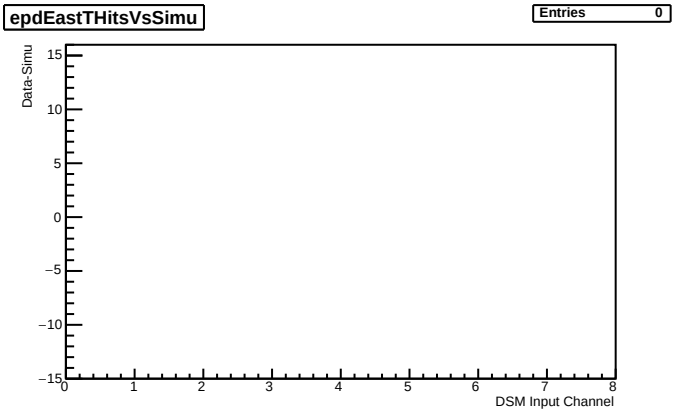
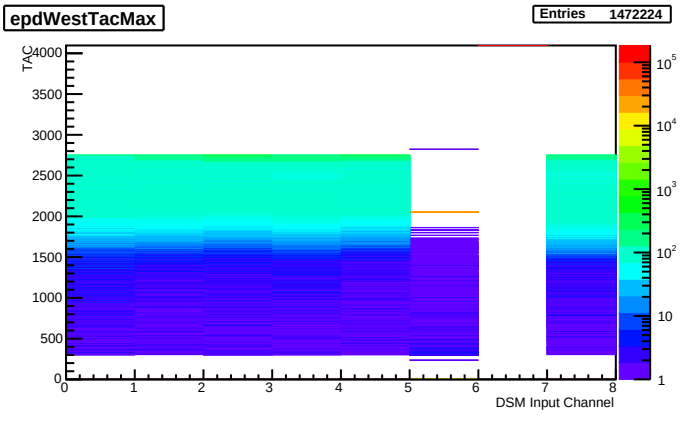
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1472224
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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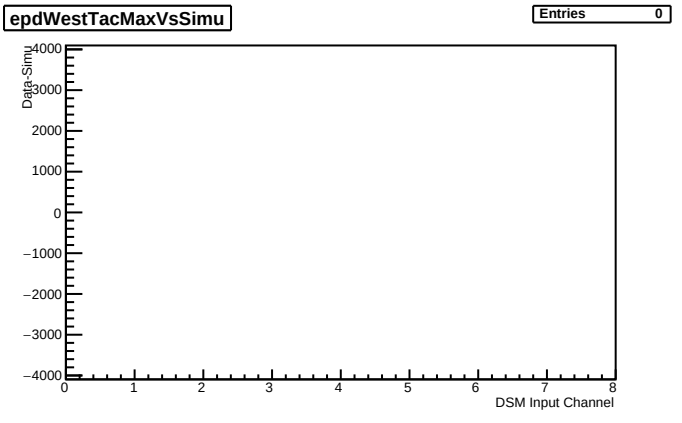
Entries 1472224
TAC
DSM Input Channel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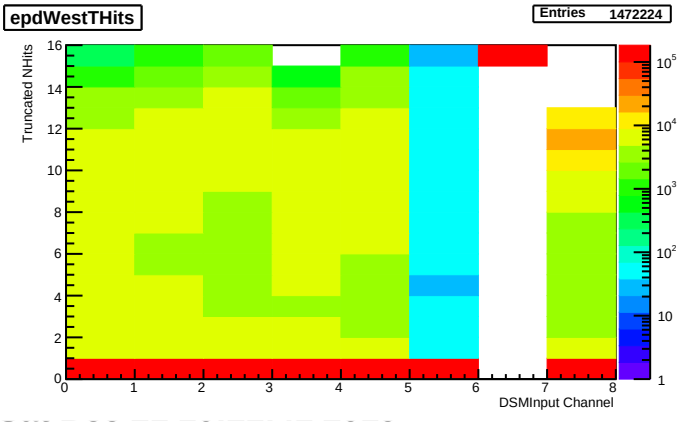
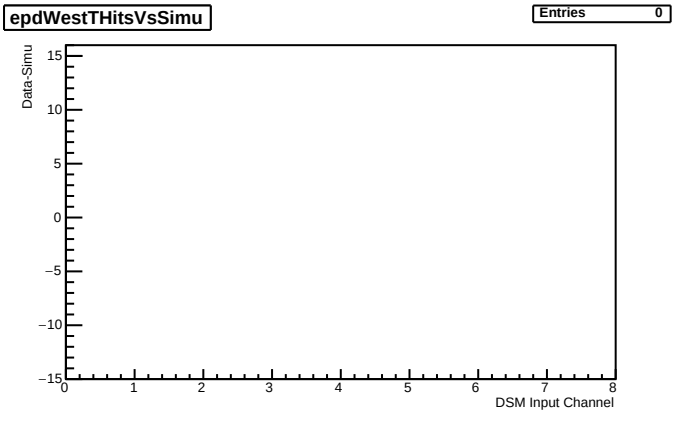
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1472224
Truncated NHits
DSMInput Channel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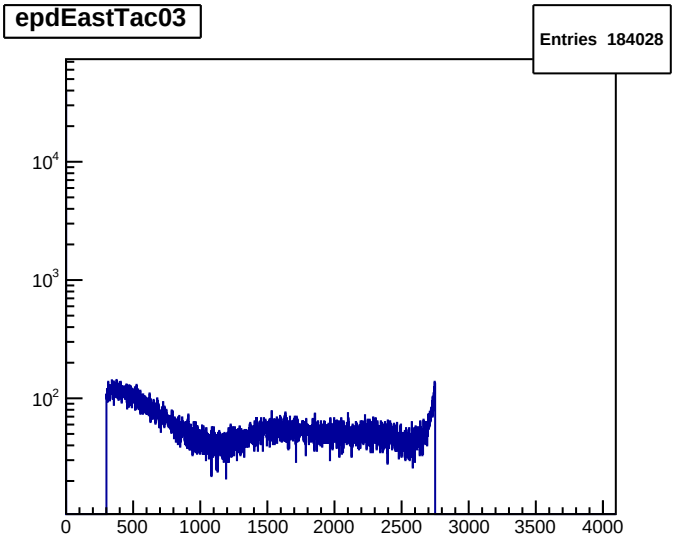
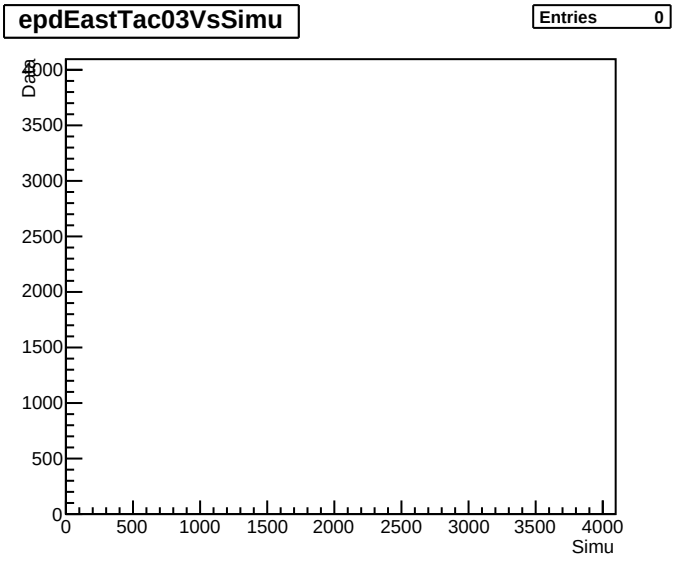
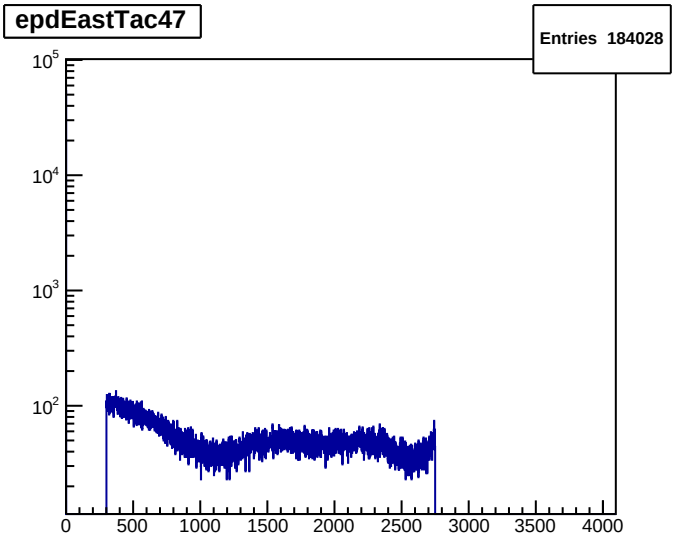
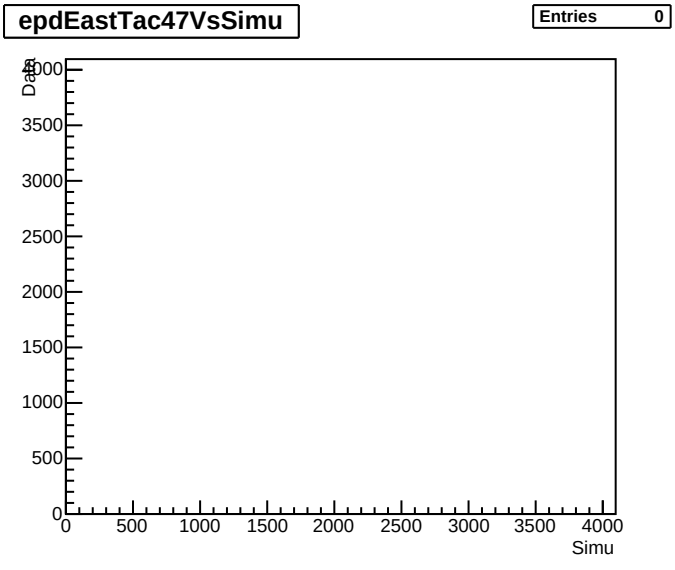
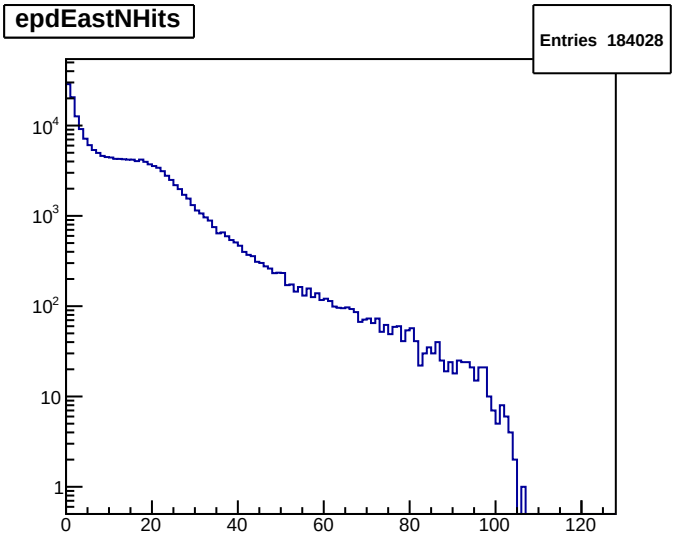
Entries 0
Data-Simu
DSM Input Channel

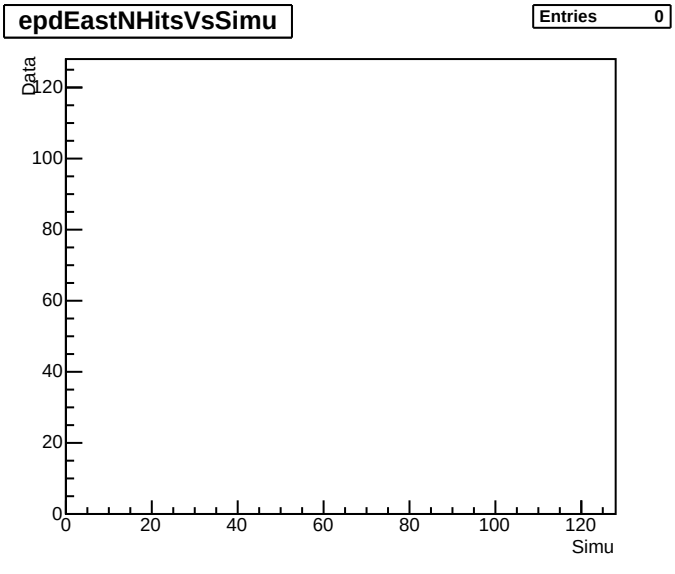

epdEastTac03
Entries 184028


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 184028


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 184028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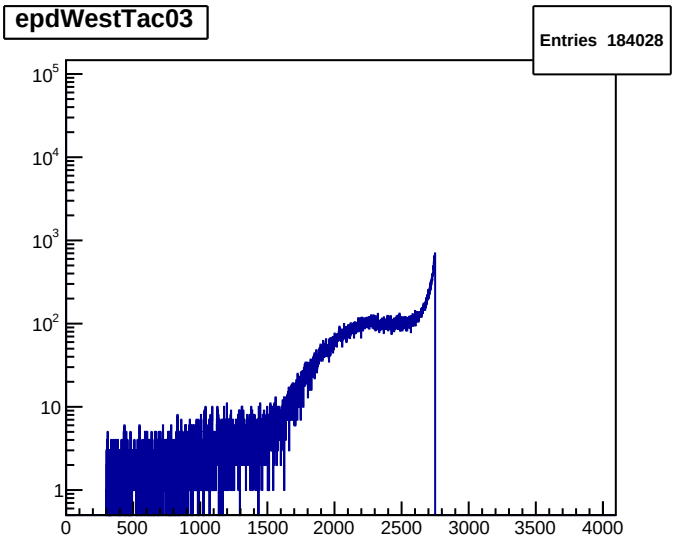
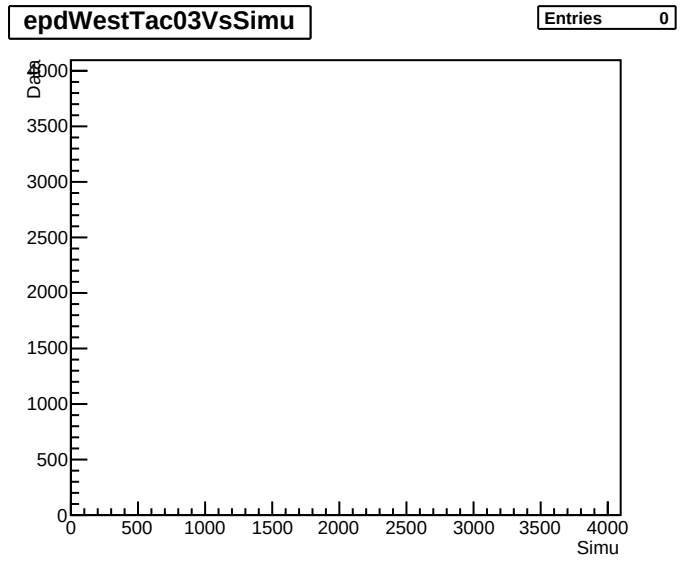
Entries 0
Data
Simu


epdWestTac03
Entries 184028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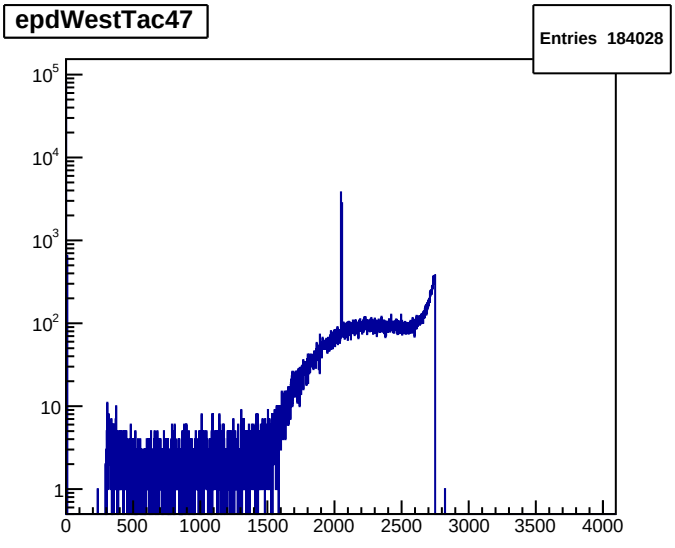
Entries 0
Data
Simu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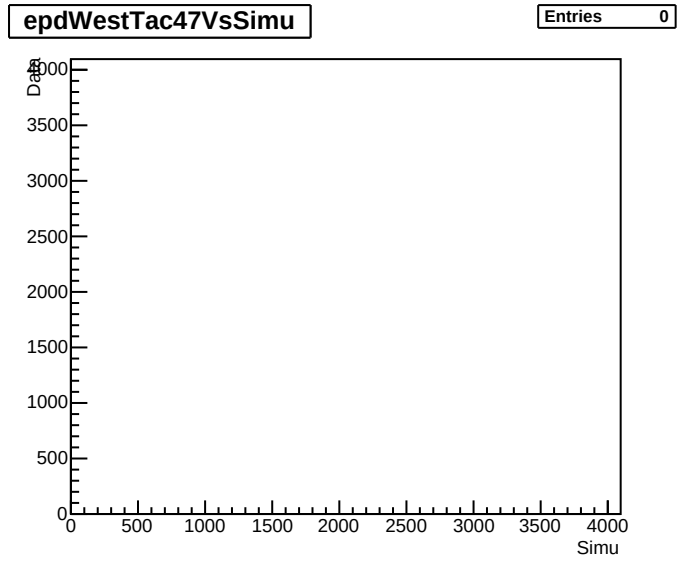
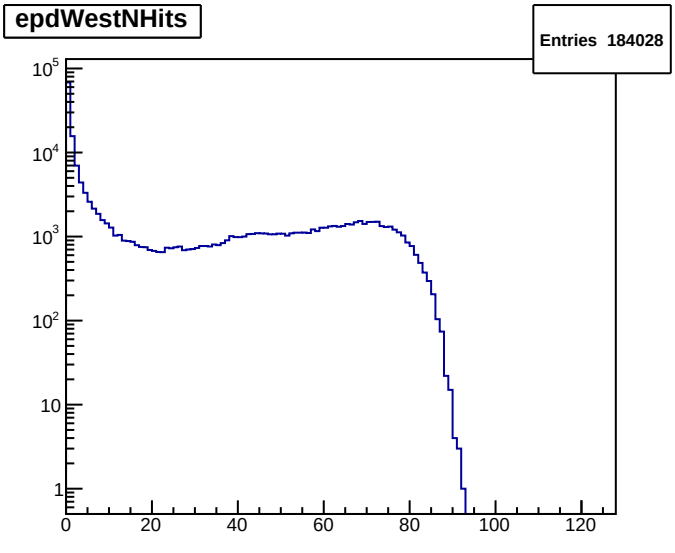
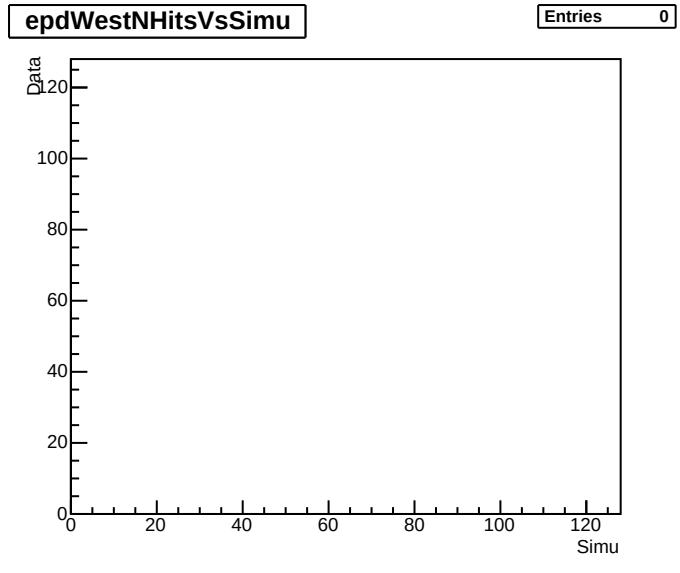
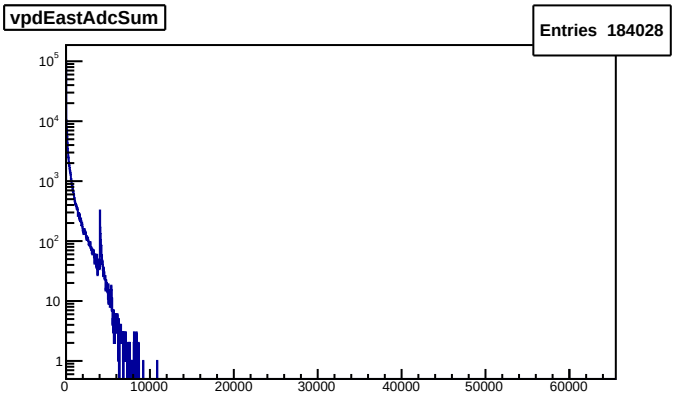
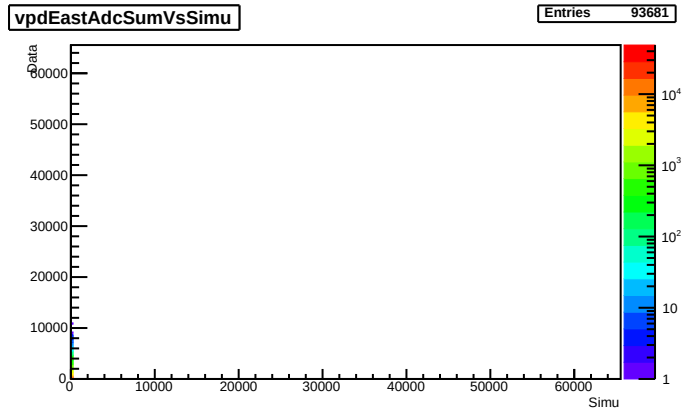
Entries 184028

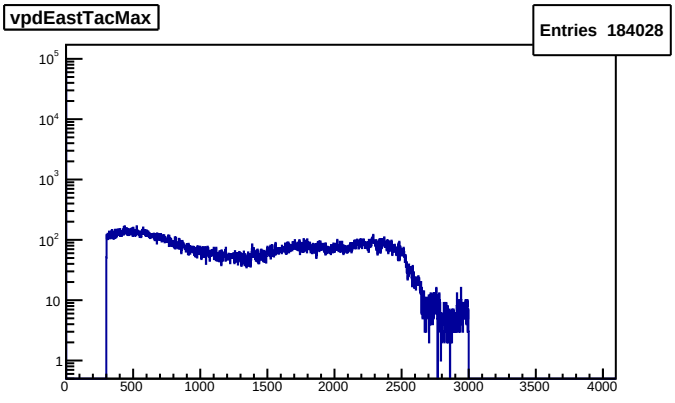

epdWestTac47VsSimu
Entries 0
Data
Simu

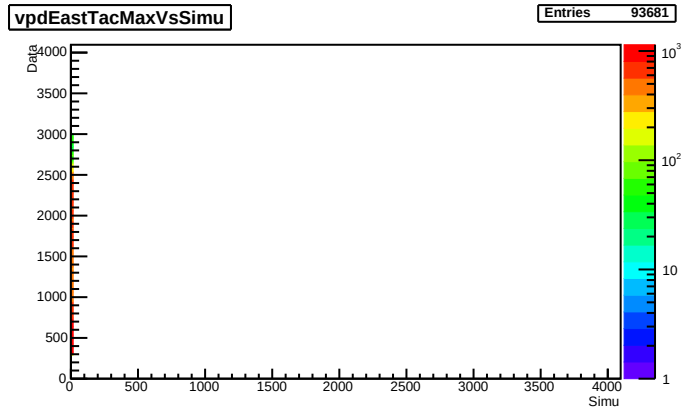

epdWestNHits
Entries 184028

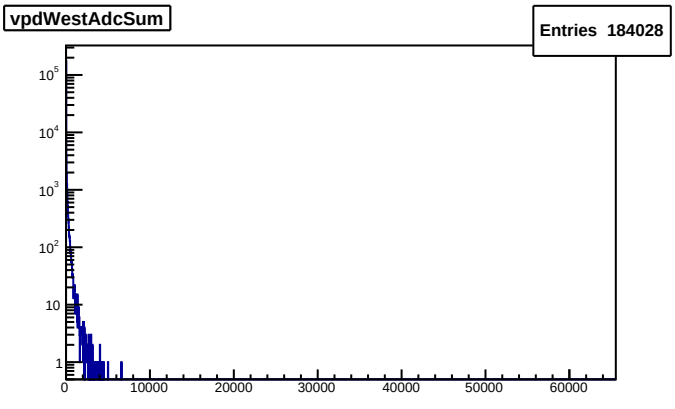

epdWestNHitsVsSimu
Entries 0
Data
Simu

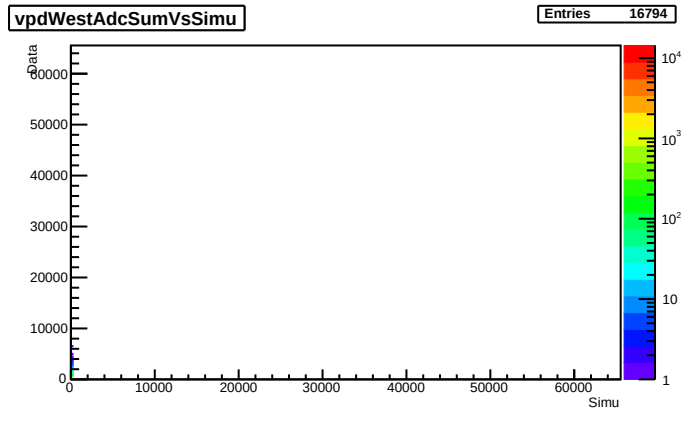

vpdEastAdcSum
Entries 184028

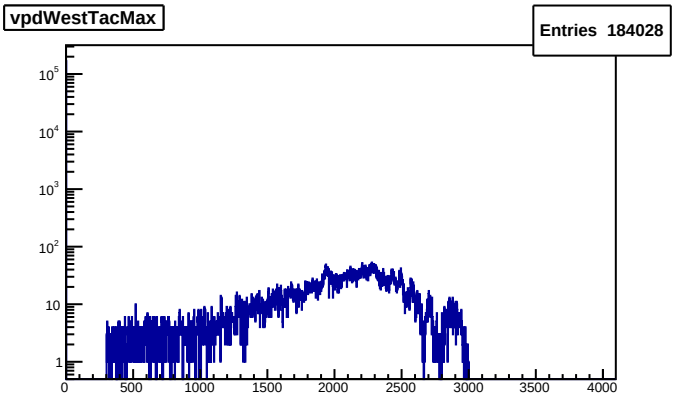

vpdEastAdcSumVsSimu
Entries 93681
Data
Simu

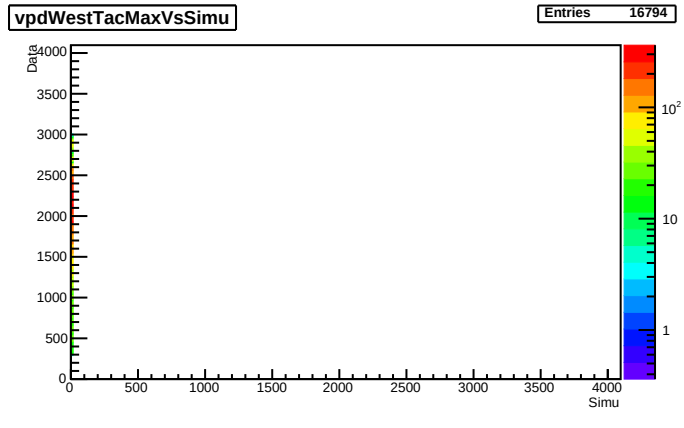

vpdEastTacMax
Entries 184028

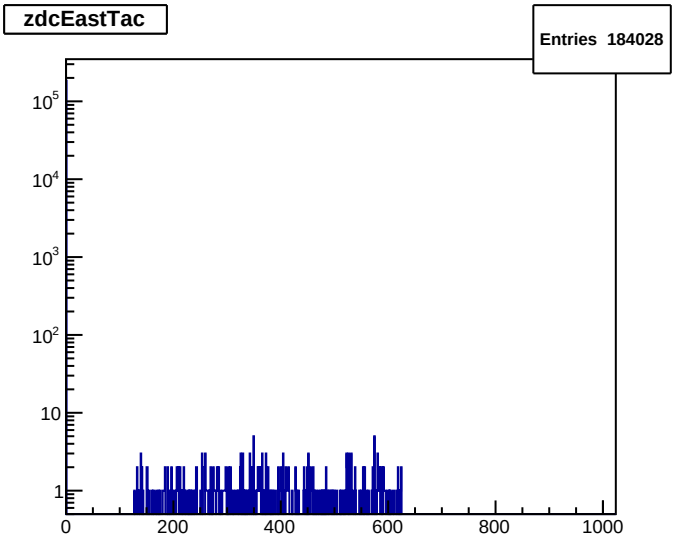

vpdEastTacMaxVsSimu
Entries 93681
Data
Simu

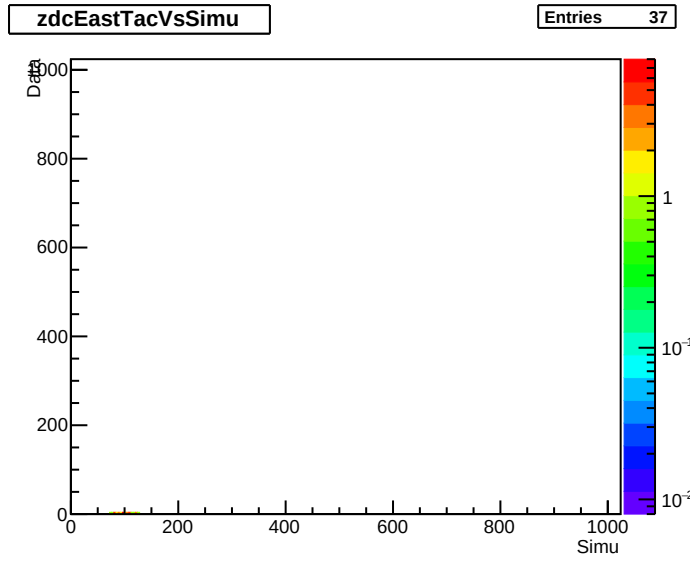

vpdWestAdcSum
Entries 184028

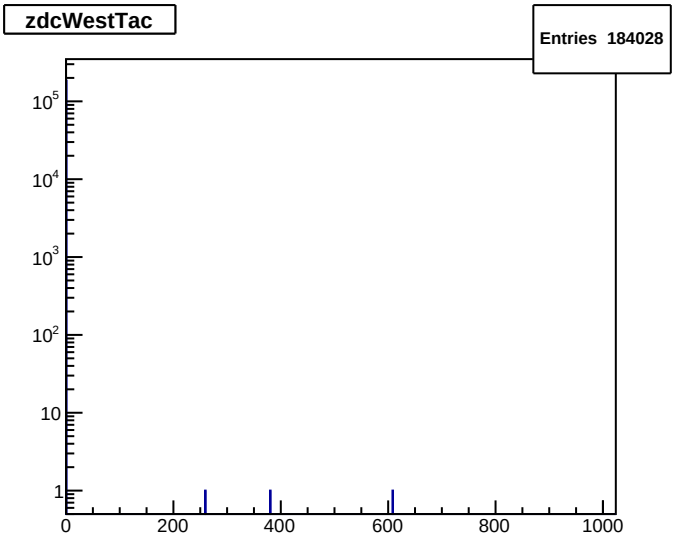

vpdWestAdcSumVsSimu
Entries 16794
Data
Simu

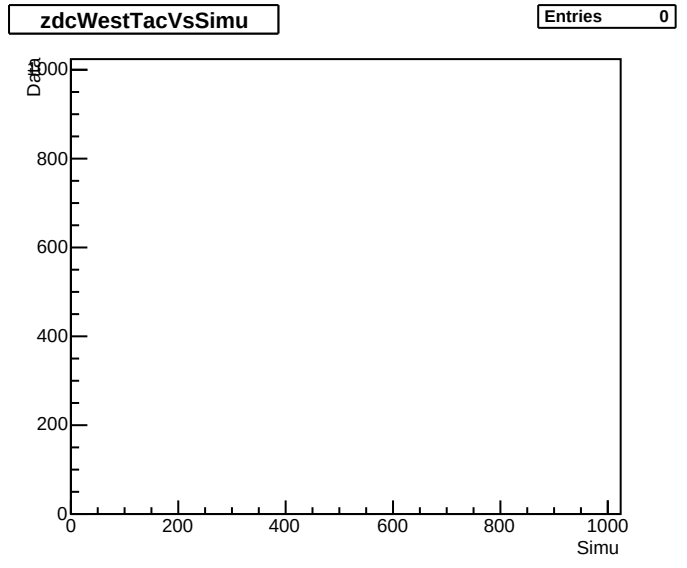

vpdWestTacMax
Entries 184028

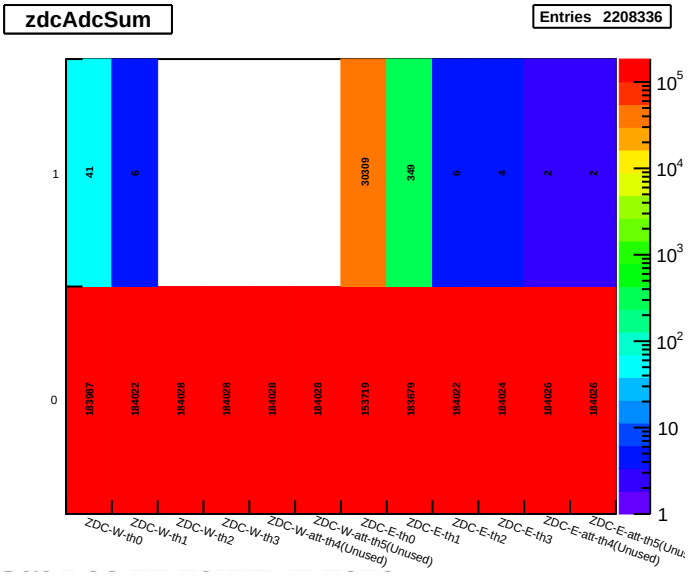

vpdWestTacMaxVsSimu
Entries 16794
Data
Simu

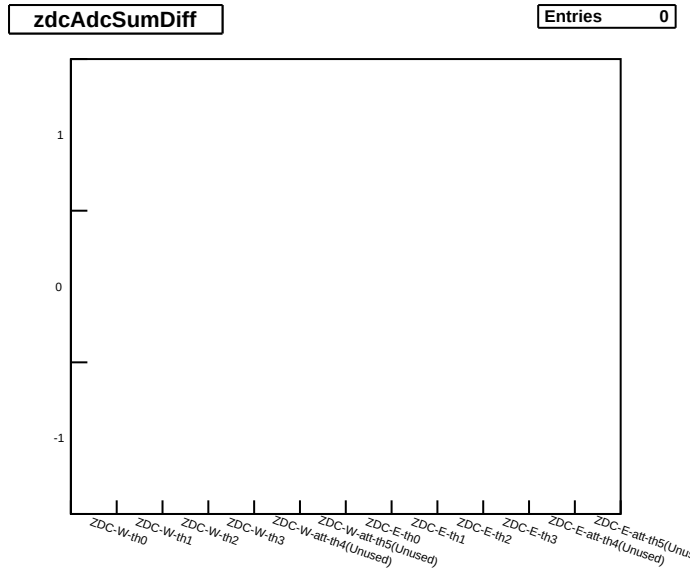

zdcEastTac
Entries 184028

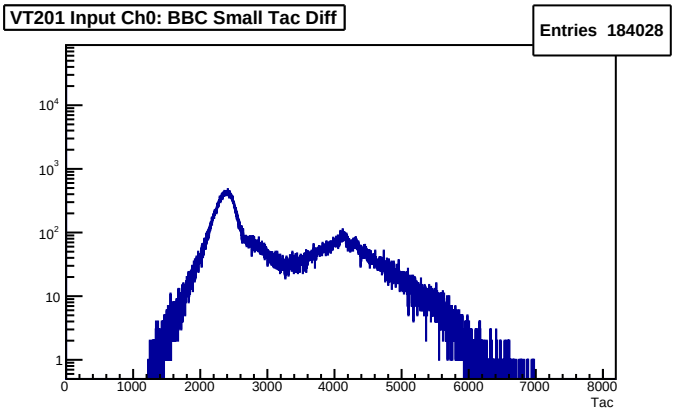

zdcEastTacVsSimu
Entries 37
Data
Simu

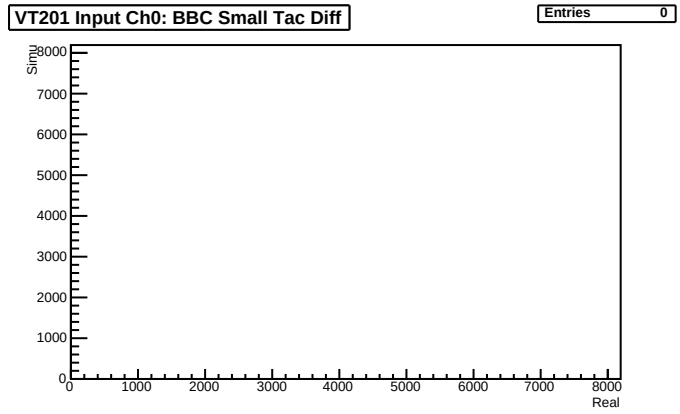

zdcWestTac
Entries 184028

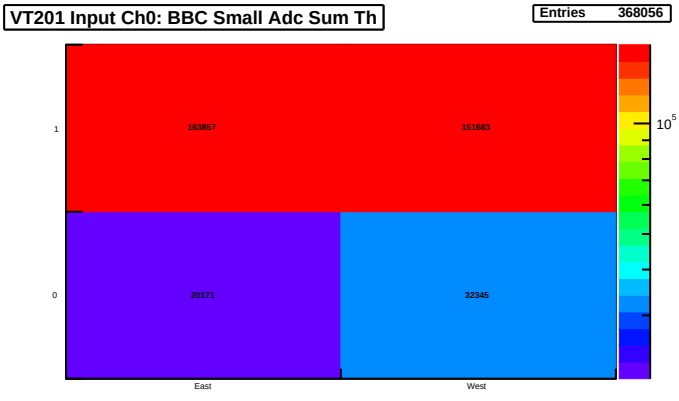

zdcWestTacVsSimu
Entries 0
Data
Simu

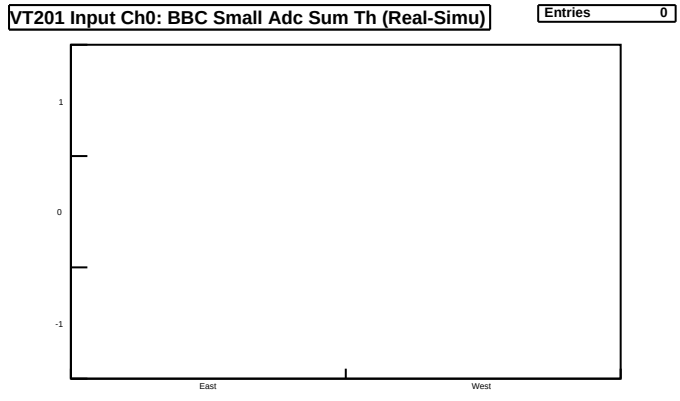

zdcAdcSum
Entries 2208336
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

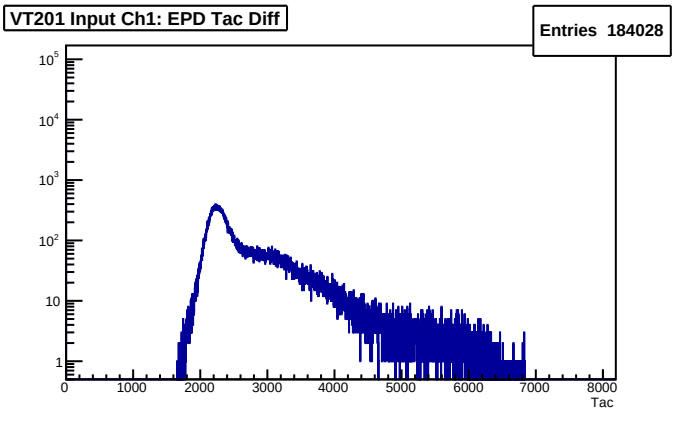

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

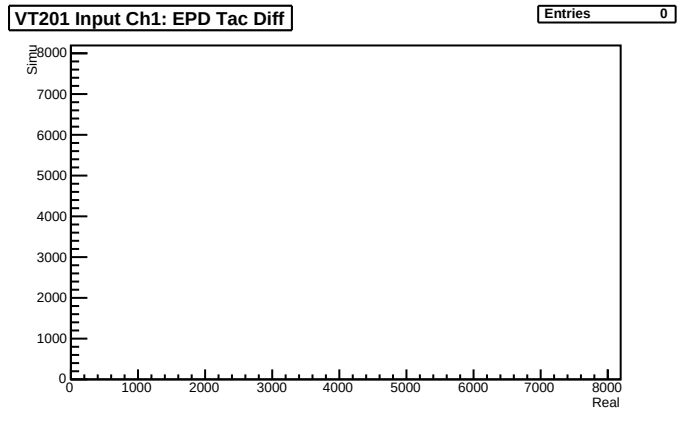

VT201 Input Ch0: BBC Small Tac Diff
Entries 184028
Tac

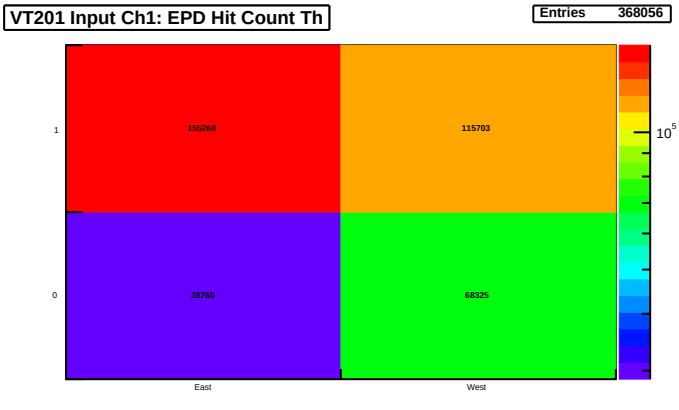

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

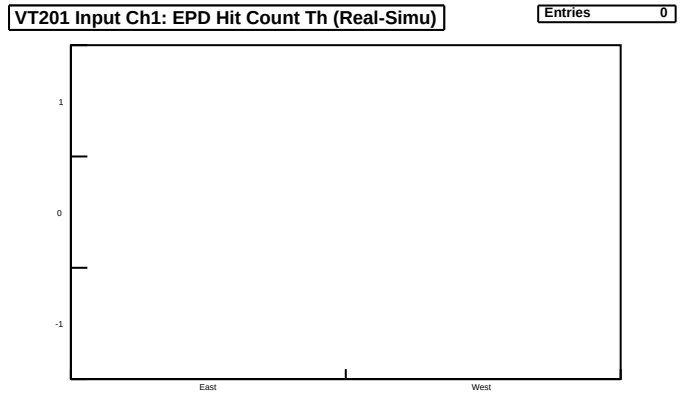

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 368056
163857
151683
20171
32345
East
West

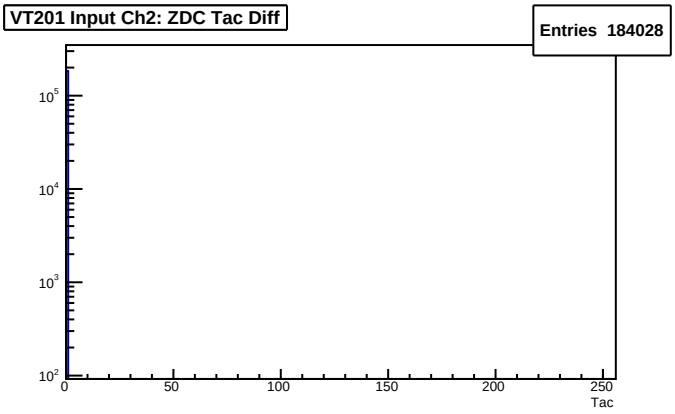

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

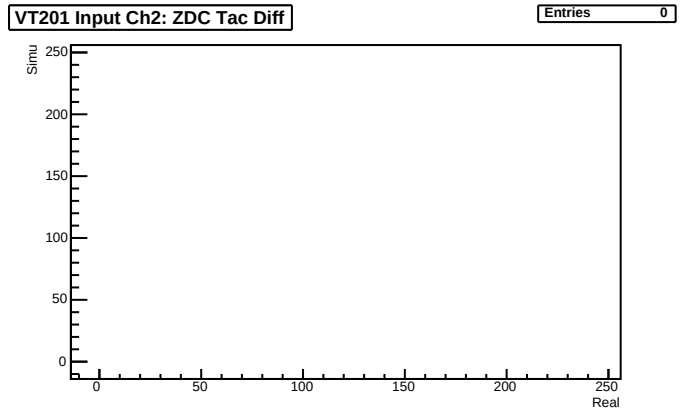

VT201 Input Ch1: EPD Tac Diff
Entries 184028
Tac

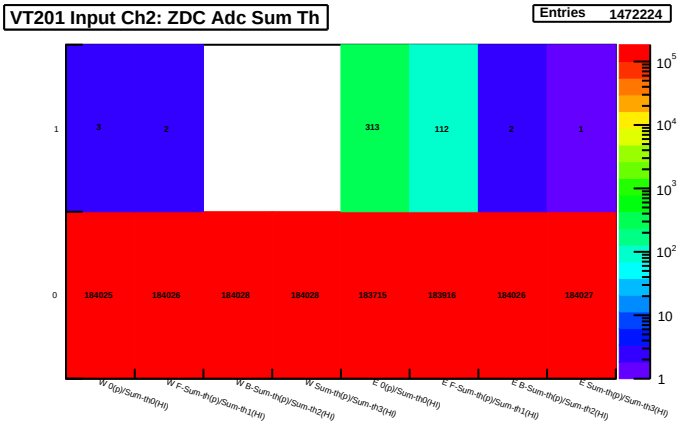

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

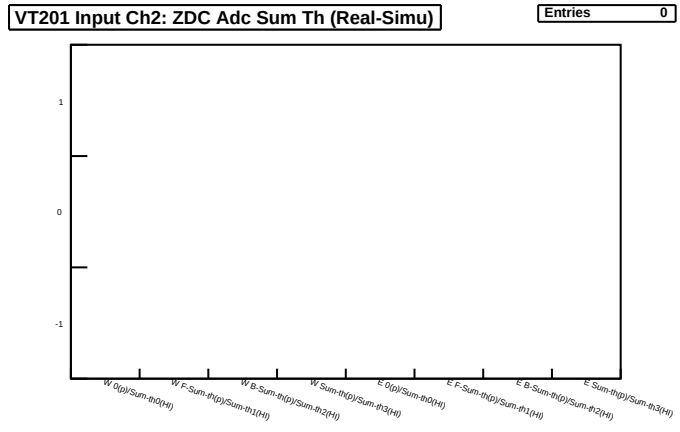

VT201 Input Ch1: EPD Hit Count Th
Entries 368056
155268
115703
28760
68325
East
West

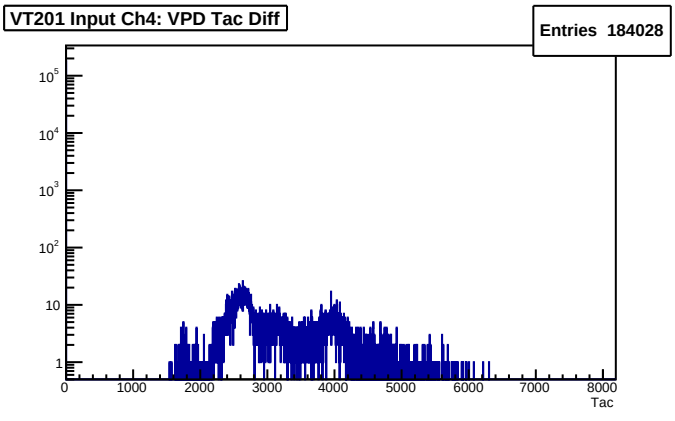

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

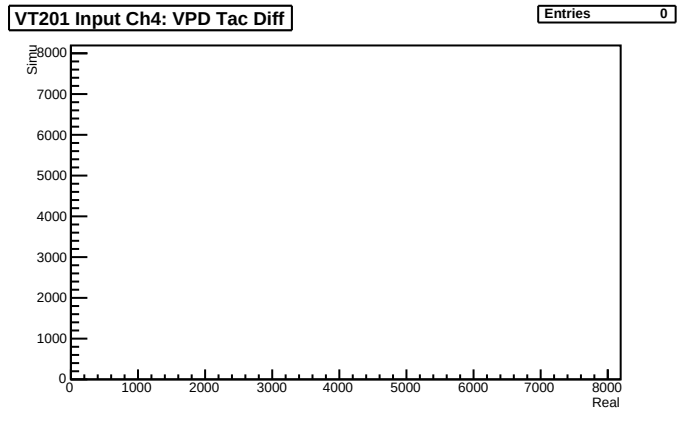

VT201 Input Ch2: ZDC Tac Diff
Entries 184028
Tac

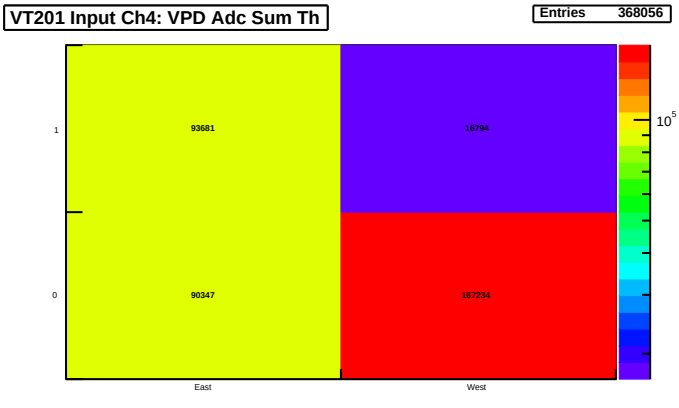

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

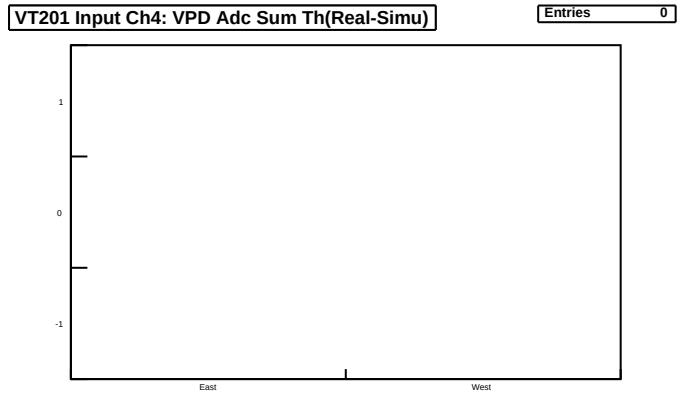

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1472224
3
2
313
112
2
1
184025
184026
184028
184028
183715
183916
184026
184027
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

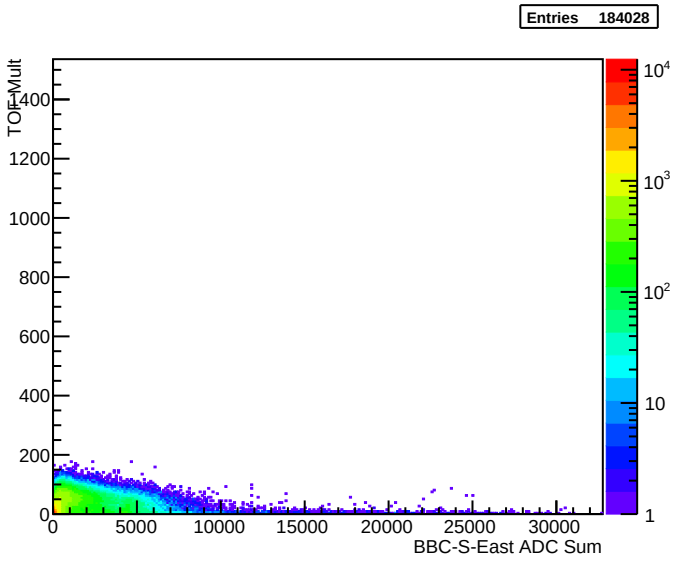

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

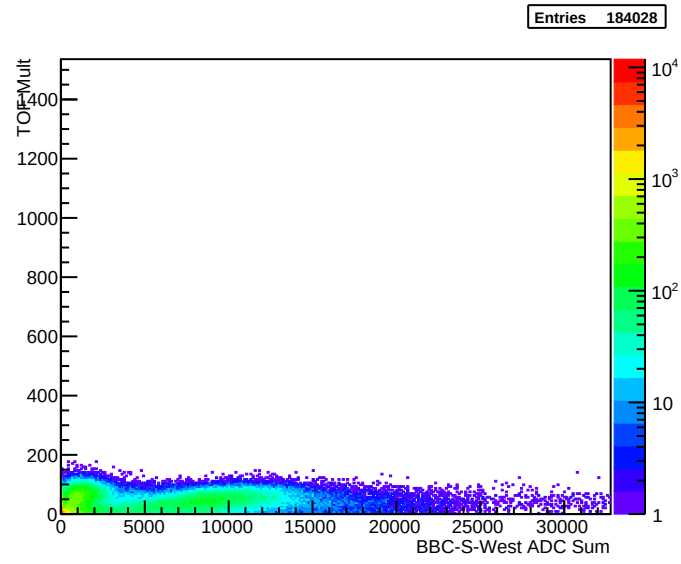

VT201 Input Ch4: VPD Tac Diff
Entries 184028
Tac

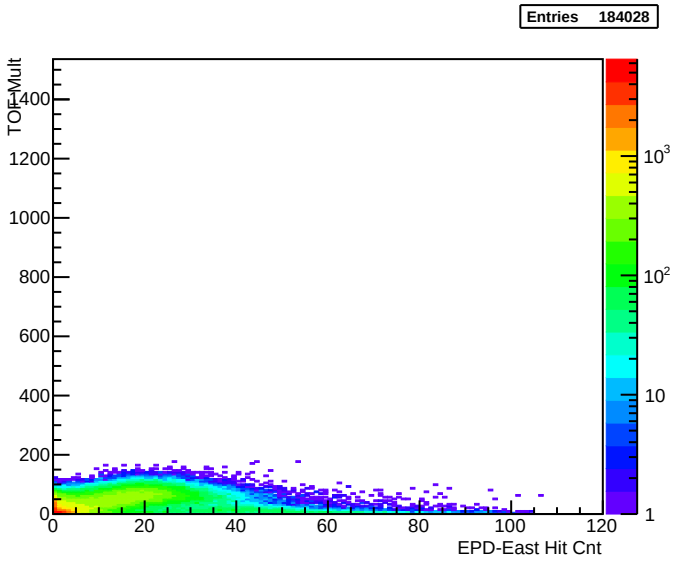

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

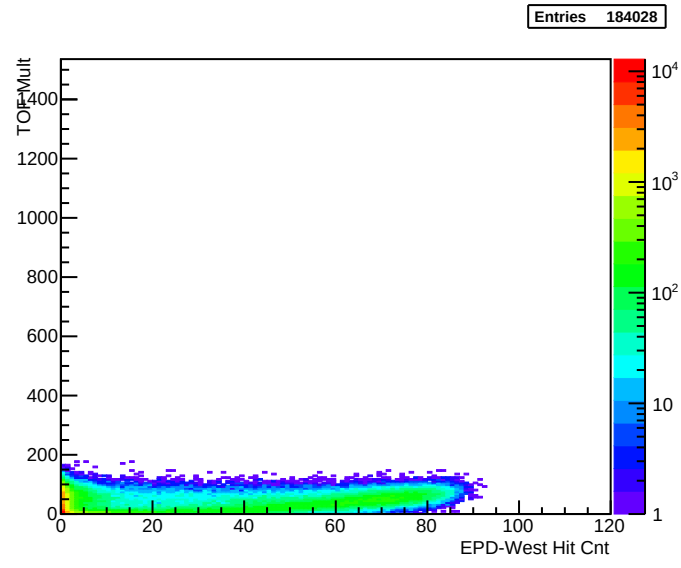

VT201 Input Ch4: VPD Adc Sum Th
Entries 368056
93681
16794
90347
167234
East
West

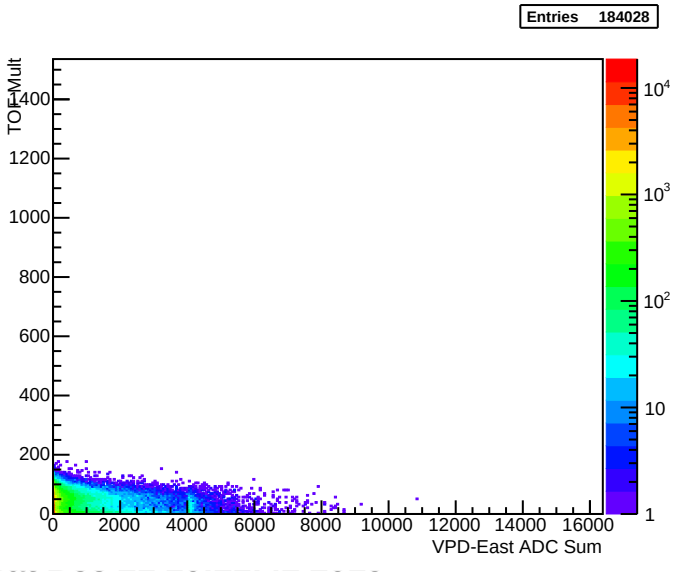

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

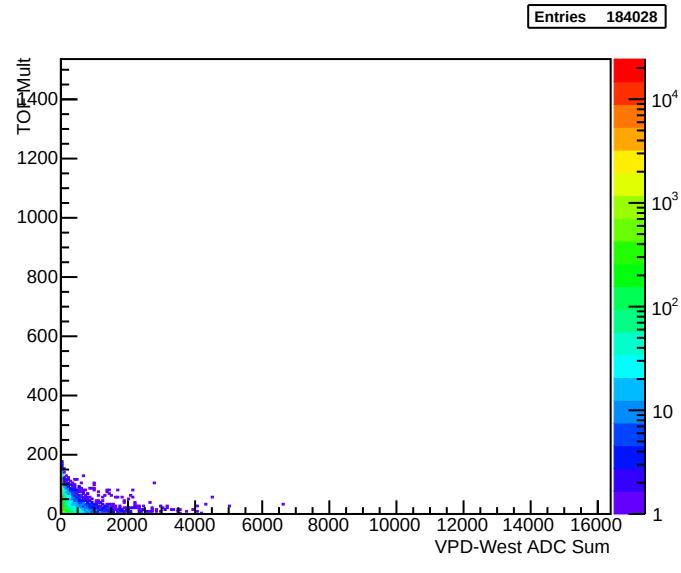

Entries 184028
TOF-Mult
BBC-S-East ADC Sum

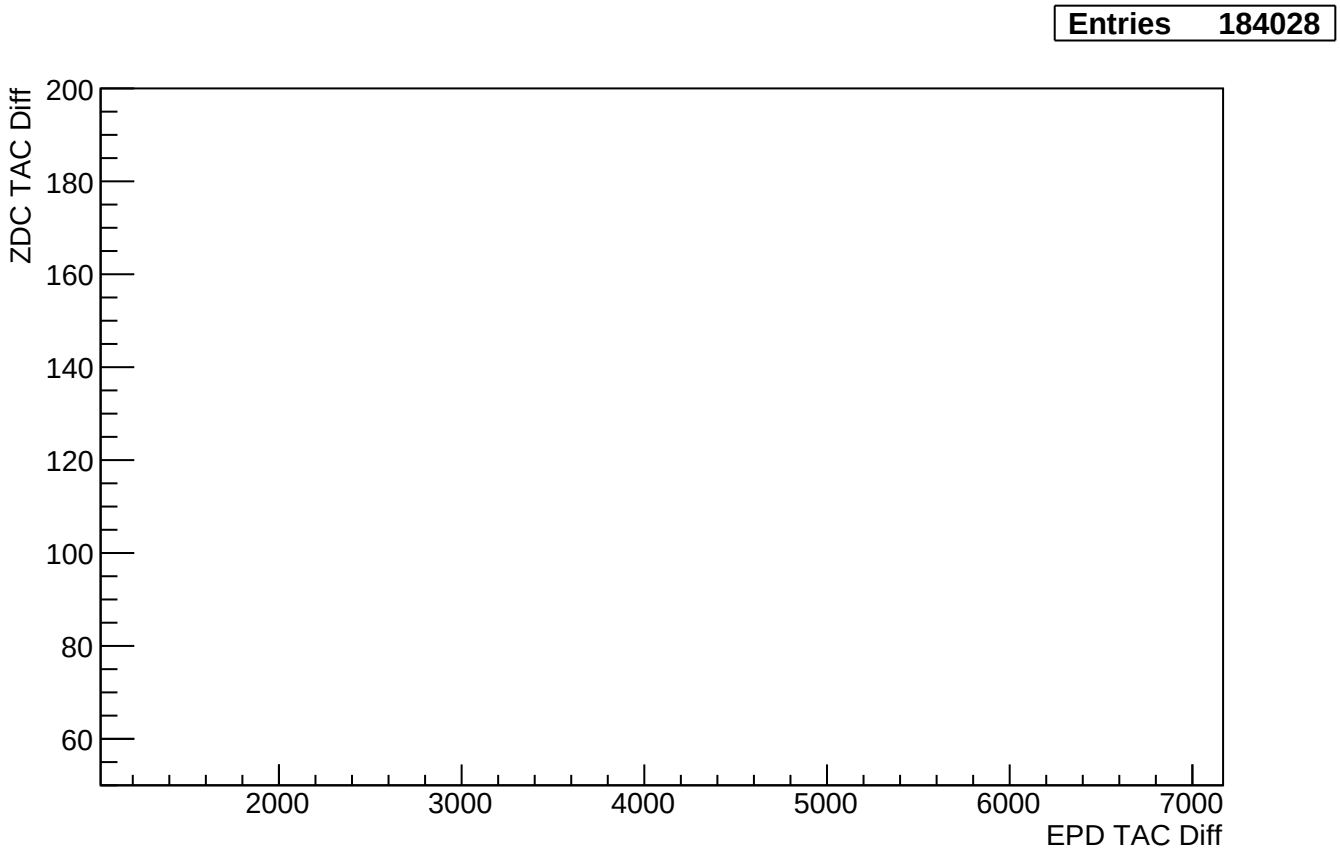

Entries 184028
TOF-Mult
BBC-S-West ADC Sum

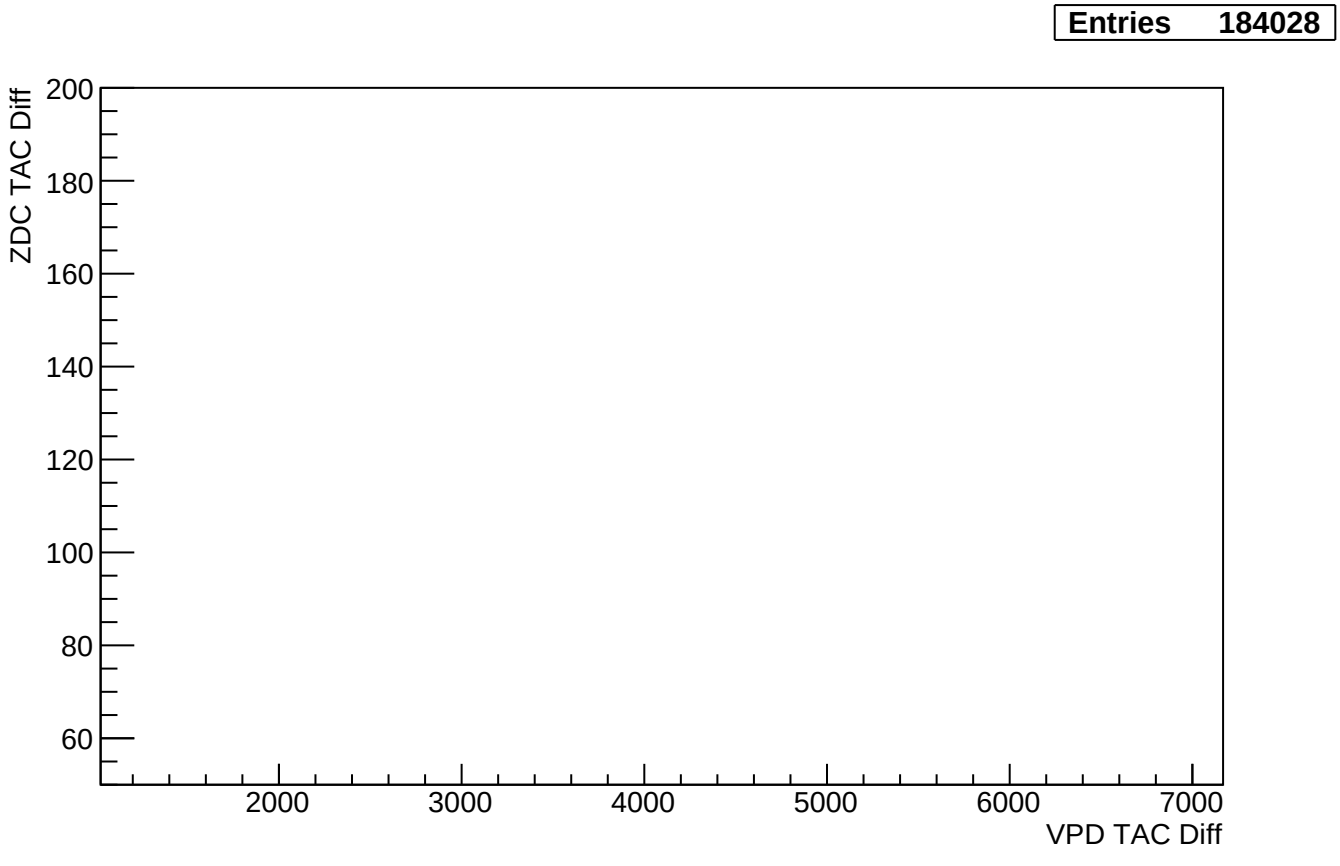

Entries 184028
TOF-Mult
EPD-East Hit Cnt

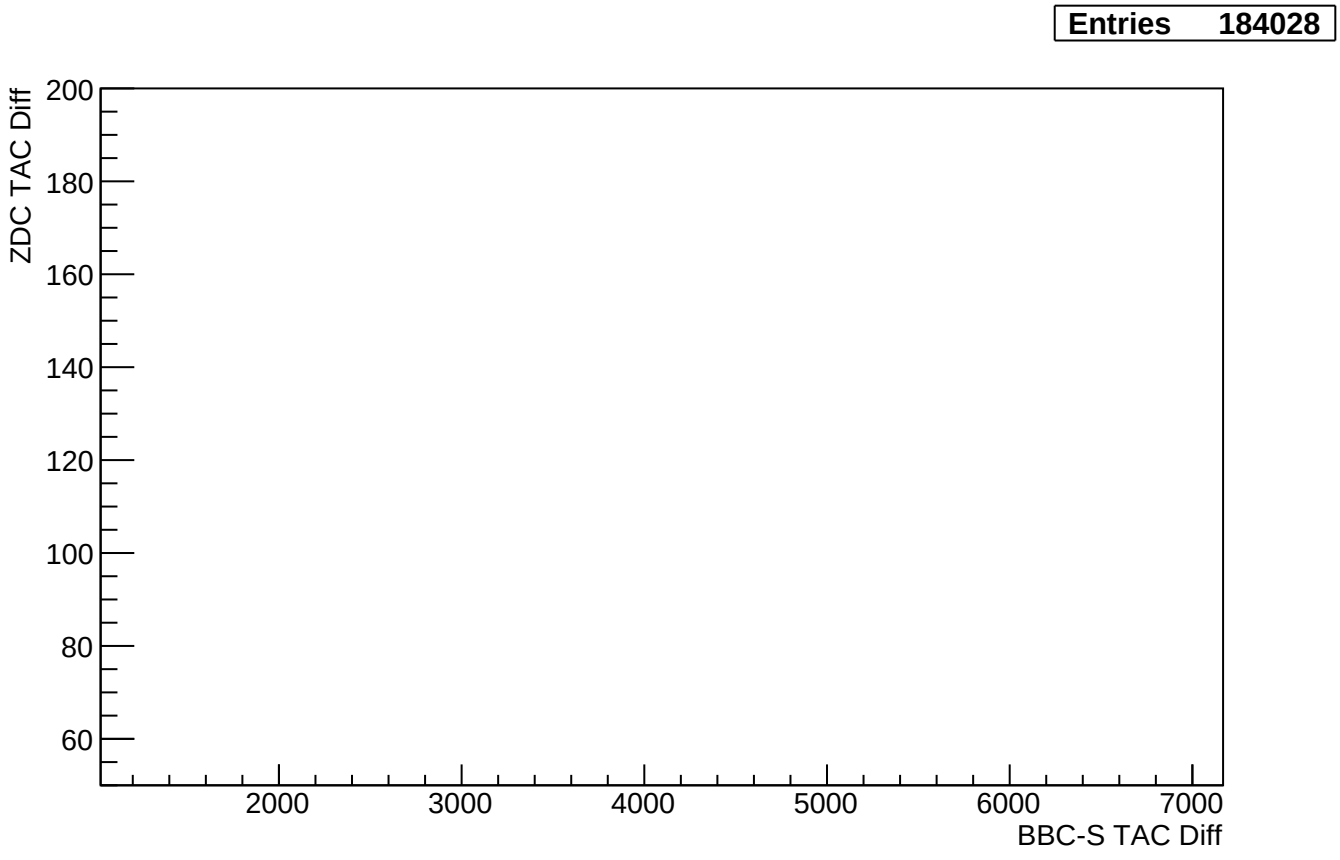

Entries 184028
TOF-Mult
EPD-West Hit Cnt

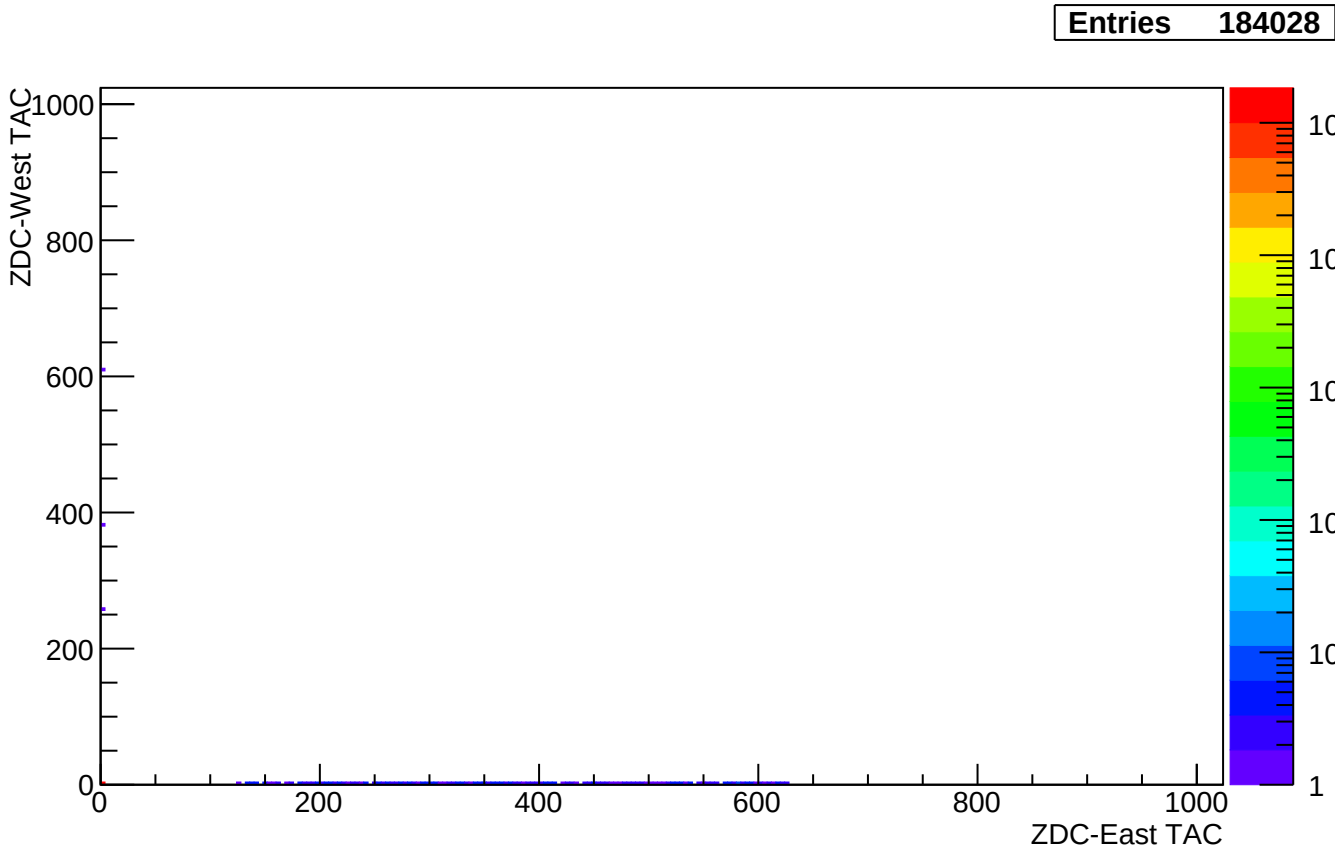

Entries 184028
TOF-Mult
VPD-East ADC Sum

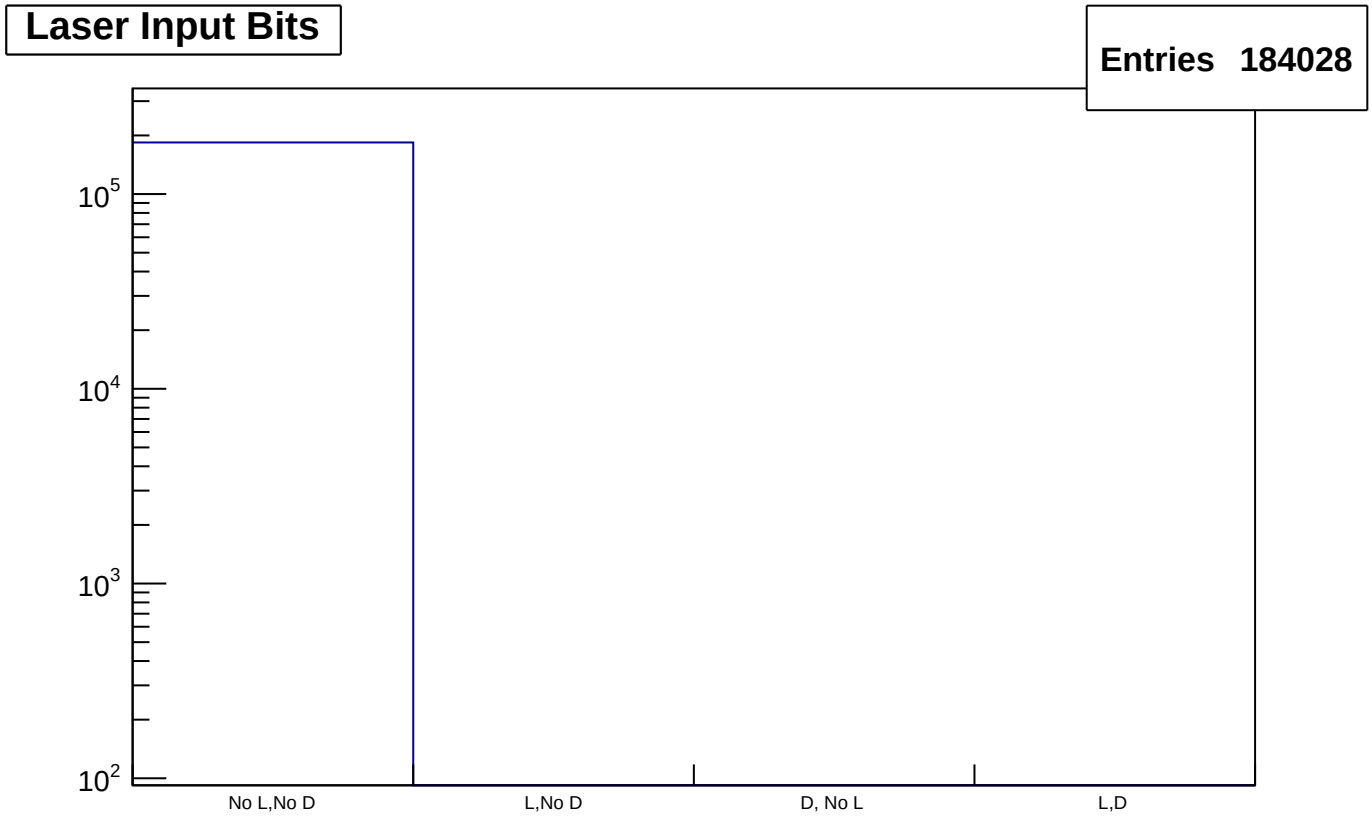

Entries 184028
TOF-Mult
VPD-West ADC Sum

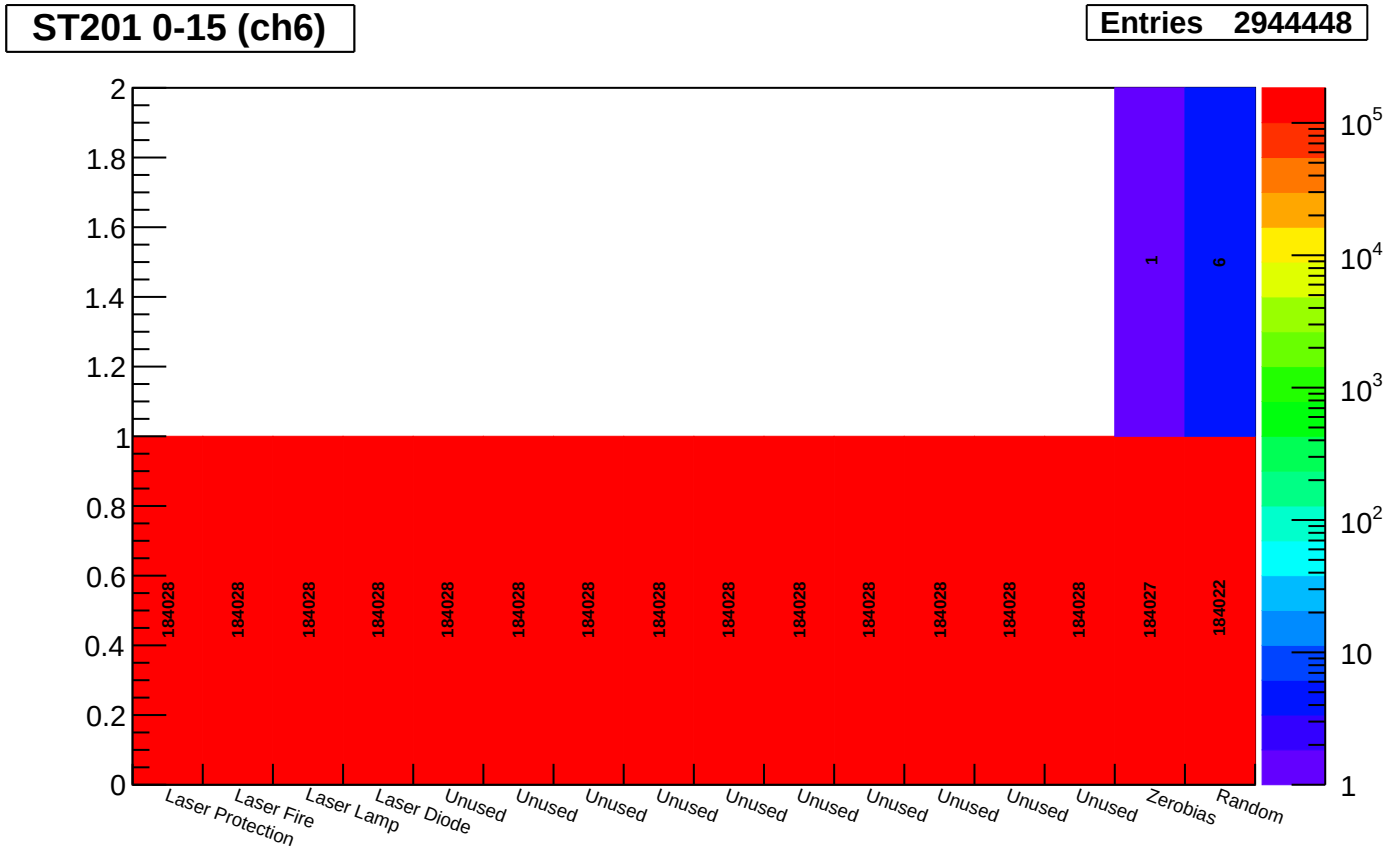

Entries 184028
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff

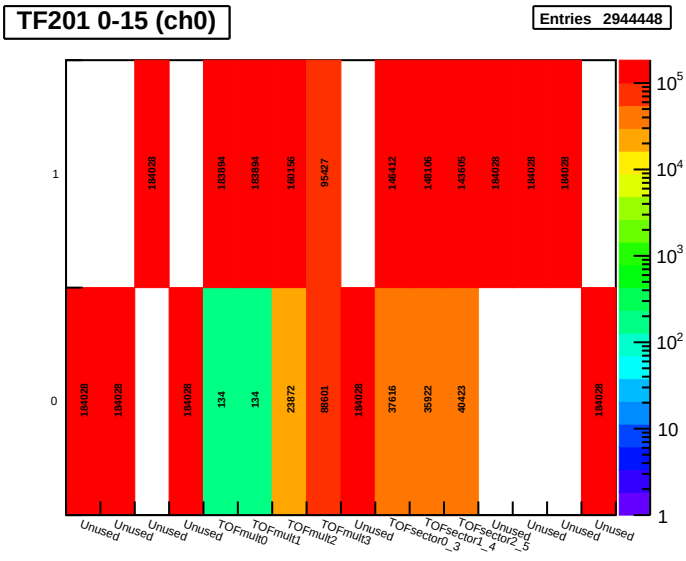

Entries 184028
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

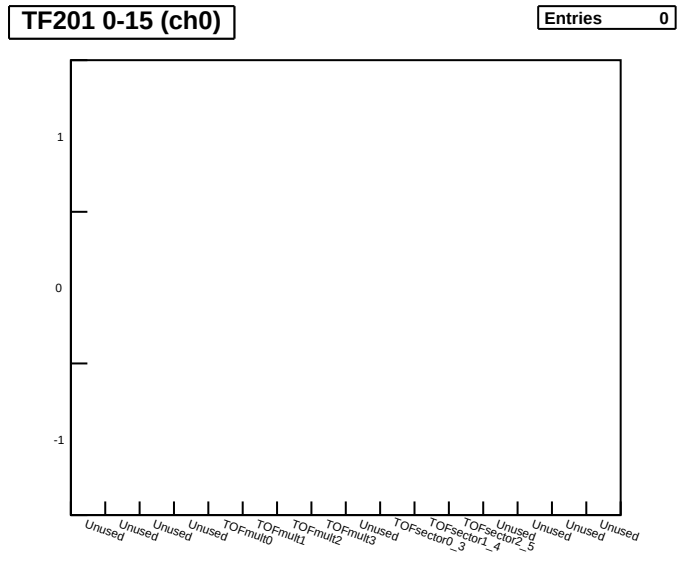

Entries 184028
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff

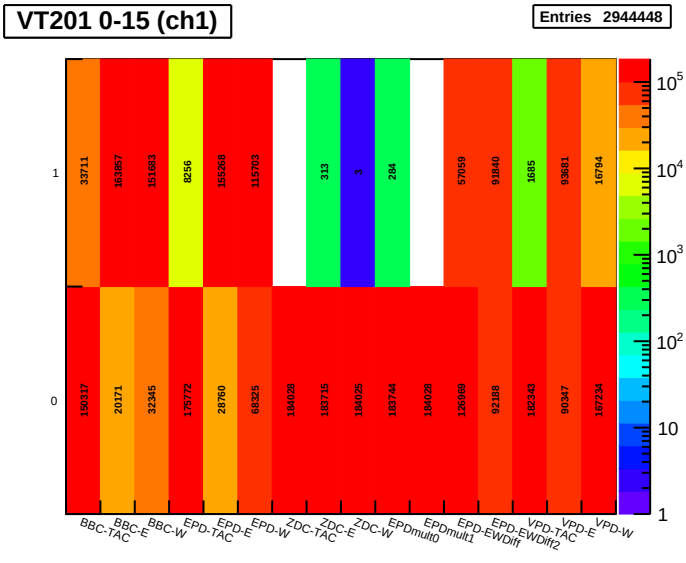

Entries 184028
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

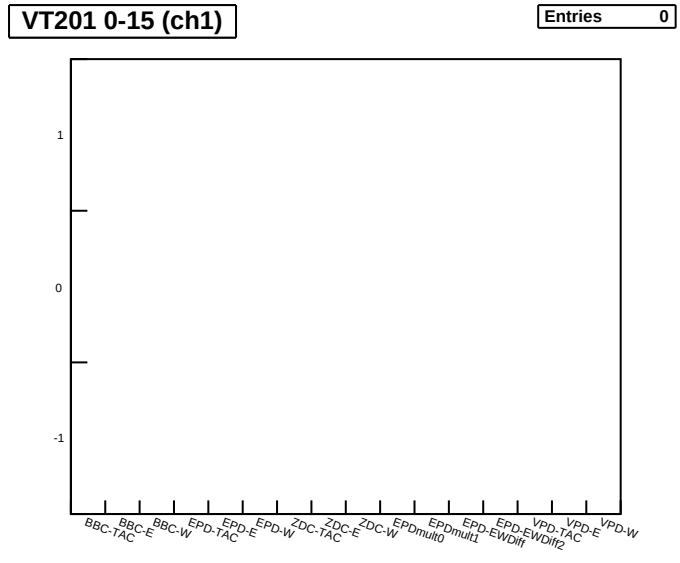

Laser Input Bits
Entries 184028
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

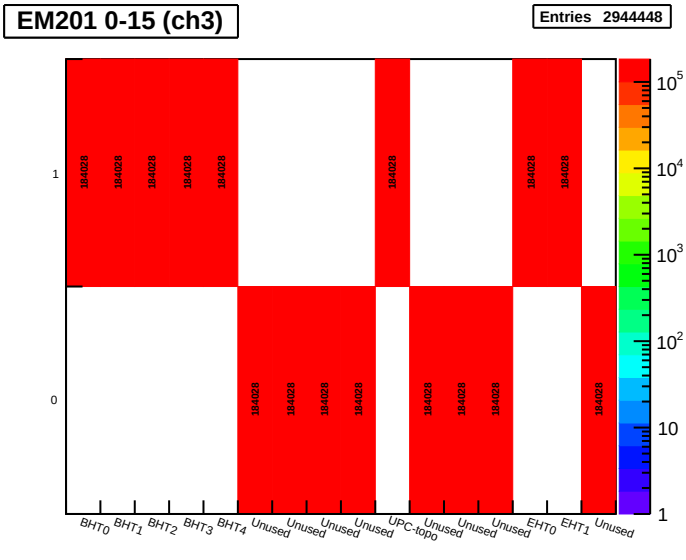

ST201 0-15 (ch6)
Entries 2944448
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
184028
184028
184028
184028
184028
184028
184028
184028
184028
184028
184028
184028
184028
184028
184027
184022
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

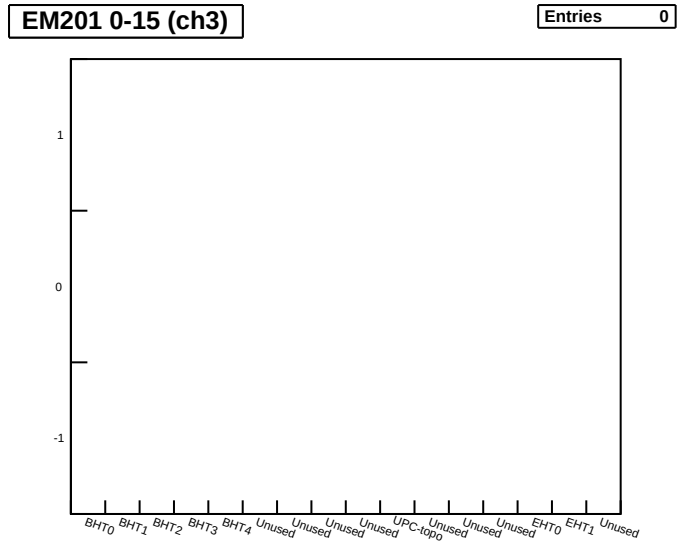

TF201 0-15 (ch0)
Entries 2944448
1
0
184028 184028 184028 134 134 23872 88601 184028 37616 35922 40423 184028
184028 184028 184028 163894 163894 160156 95427 146412 148106 143605 184028 184028 184028
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 2944448
1
0
33711 163857 151683 8256 155268 115703 313 3 284 57059 91840 1685 93681 16794
150317 20171 32345 175772 28760 68325 184028 183715 184025 183744 184028 126969 92188 182343 90347 167234
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 2944448
1
0
184028 184028 184028 184028 184028 184028 184028 184028
184028 184028 184028 184028 184028 184028 184028 184028
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