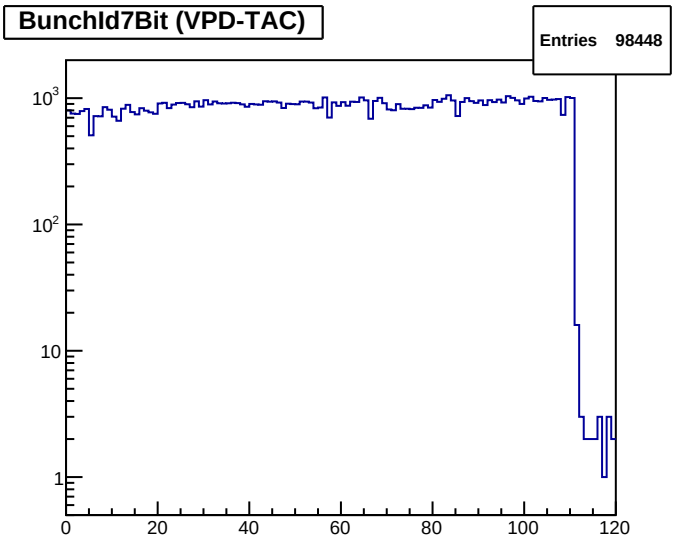
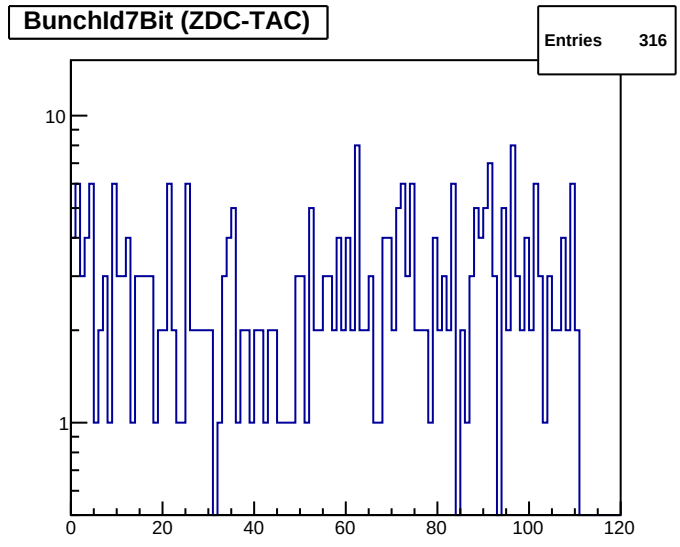
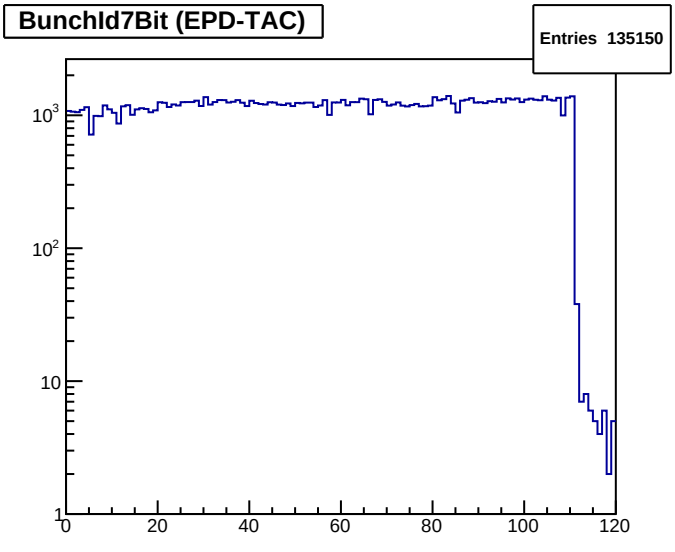
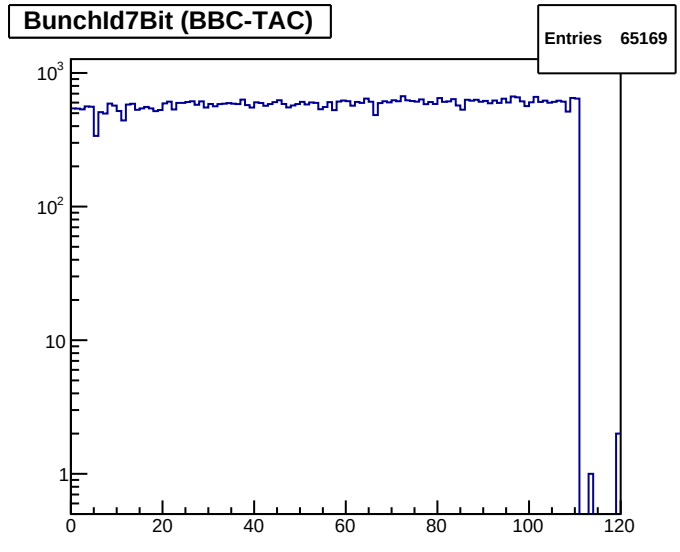
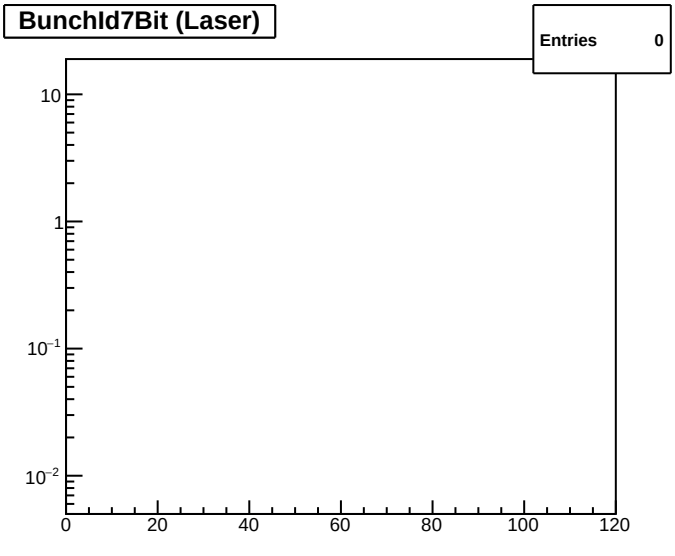
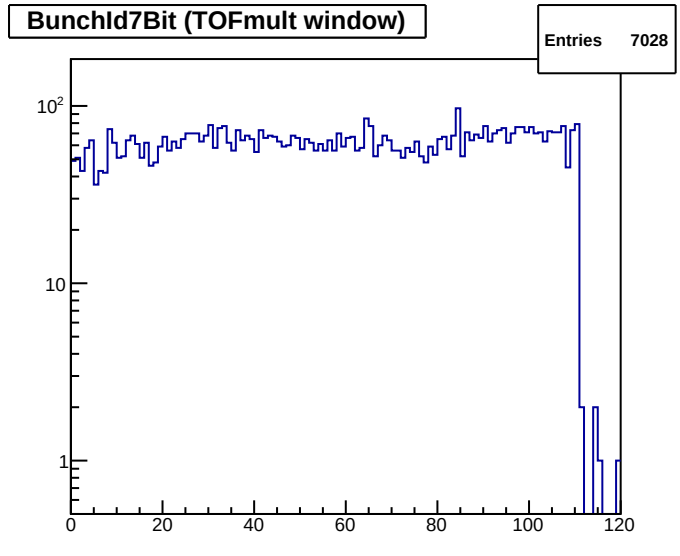

BunchId7Bit (VPD-TAC)
Entries 98448

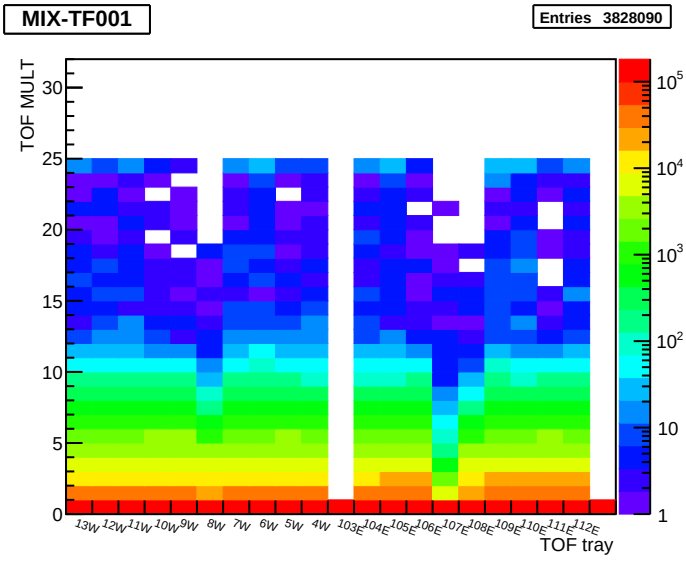

BunchId7Bit (ZDC-TAC)
Entries 316

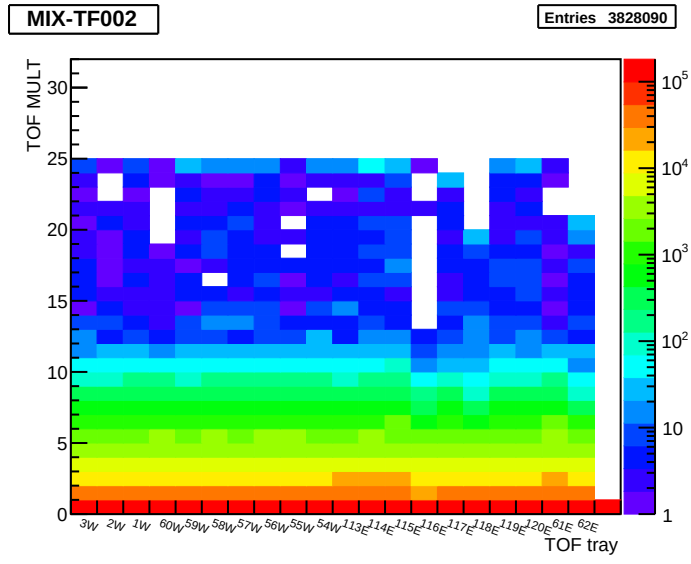

BunchId7Bit (EPD-TAC)
Entries 135150

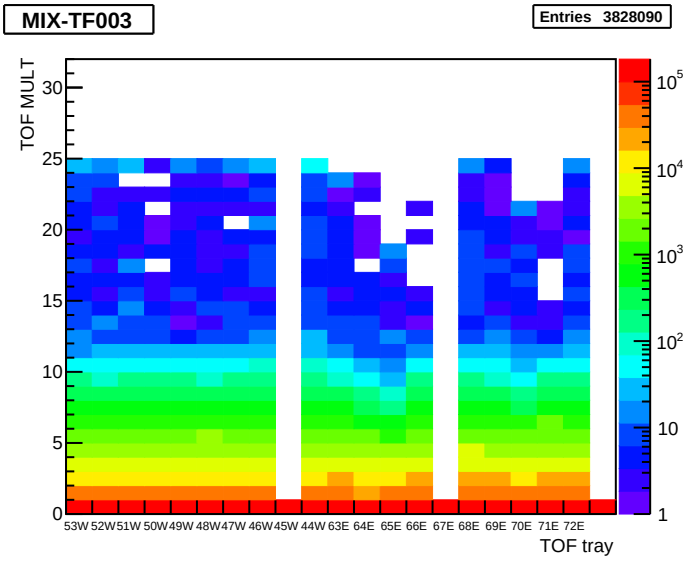

BunchId7Bit (BBC-TAC)
Entries 65169

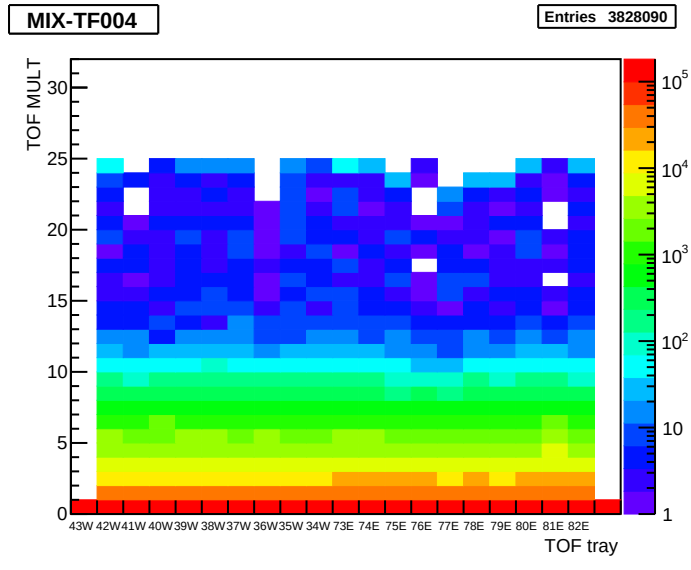

BunchId7Bit (Laser)
Entries 0

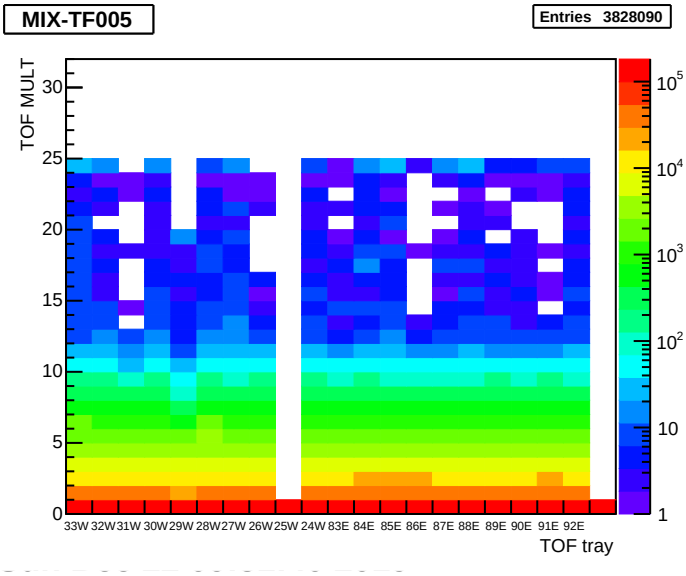

BunchId7Bit (TOFmult window)
Entries 7028

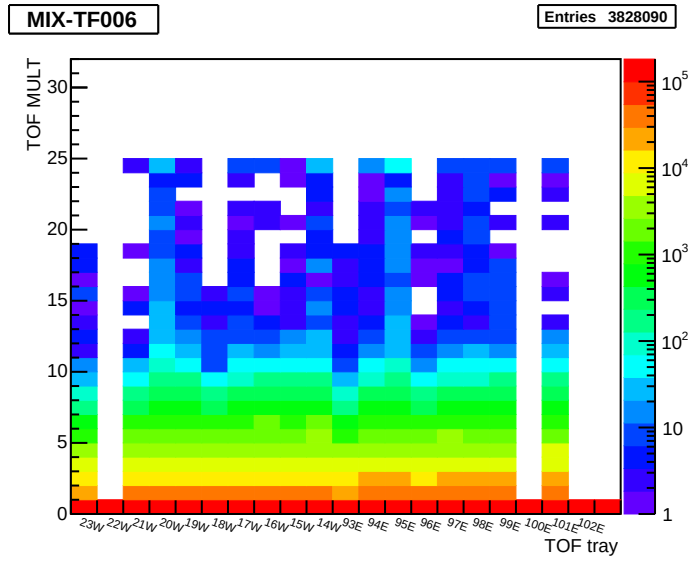

MIX-TF001
Entries 3828090
TOF MULT
TOF tray

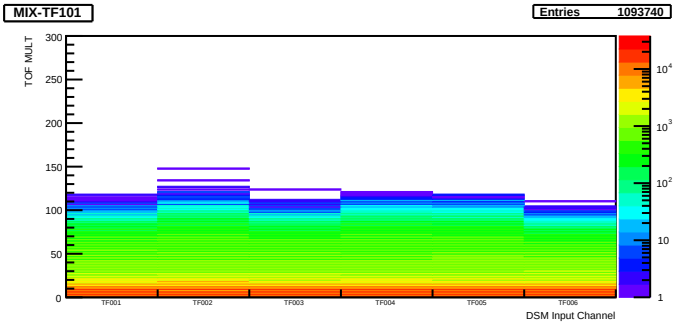

MIX-TF002
Entries 3828090
TOF MULT
TOF tray

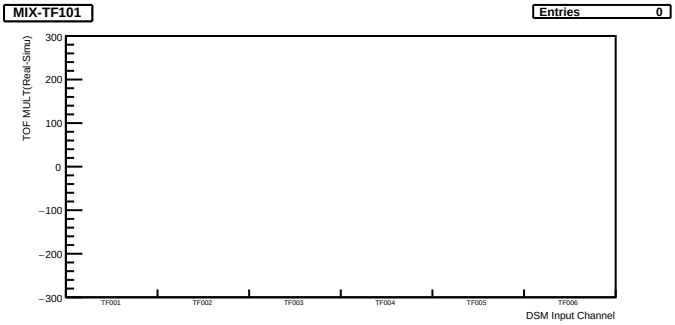

MIX-TF003
Entries 3828090
TOF MULT
TOF tray

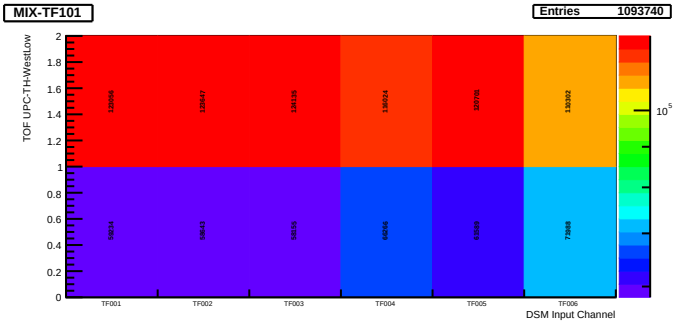

MIX-TF004
Entries 3828090
TOF MULT
TOF tray

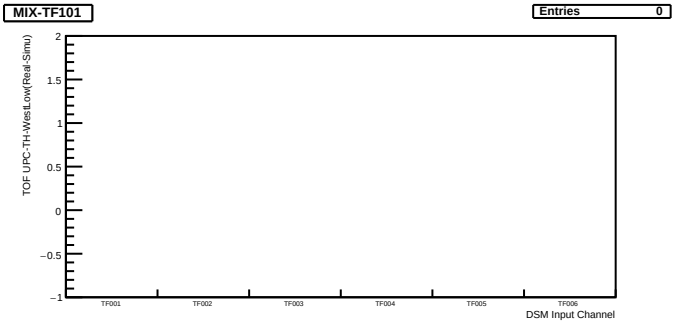

MIX-TF005
Entries 3828090
TOF MULT
TOF tray

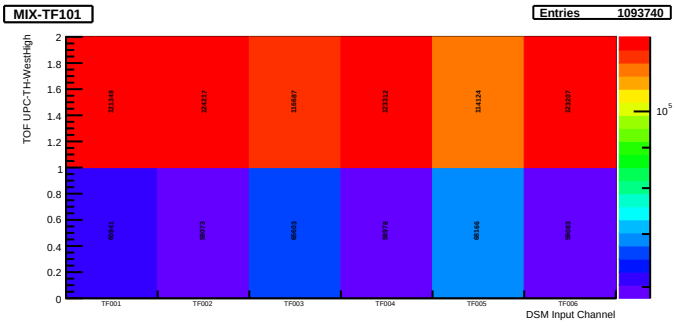

MIX-TF006
Entries 3828090
TOF MULT
TOF tray

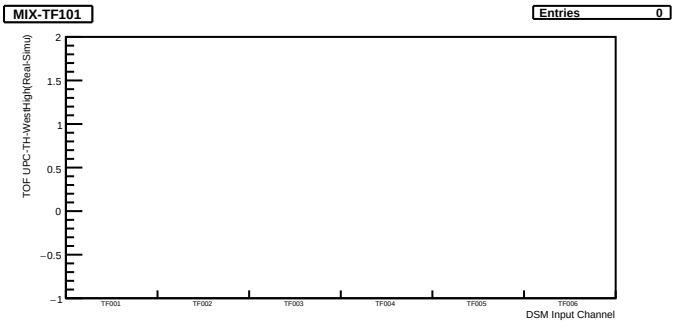

MIX-TF101
Entries 1093740
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

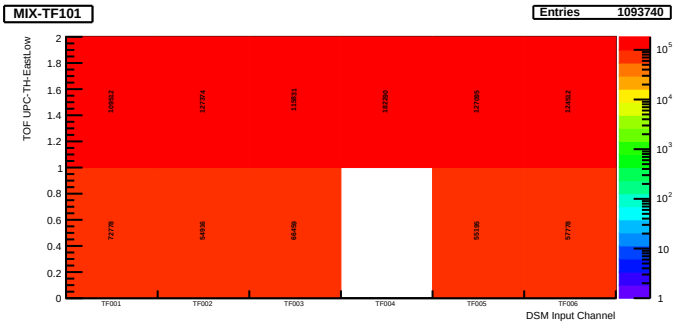

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

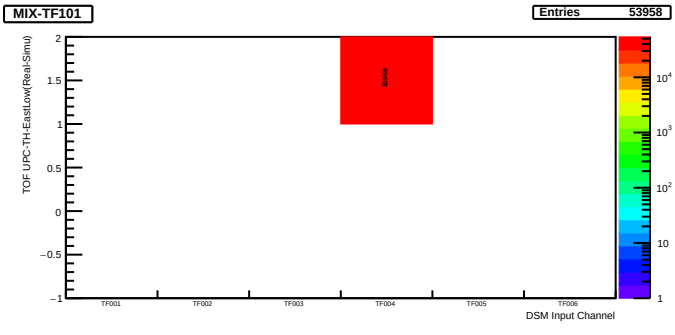

MIX-TF101
Entries 1093740
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

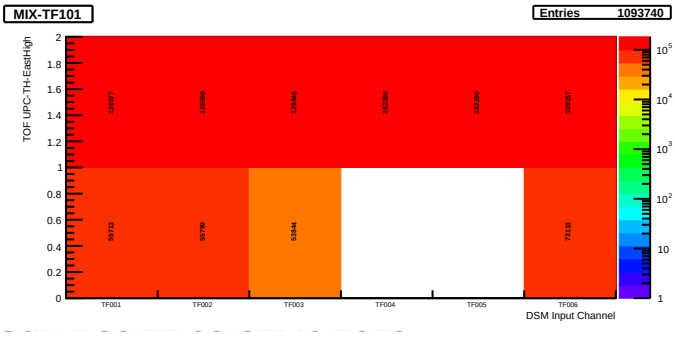

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

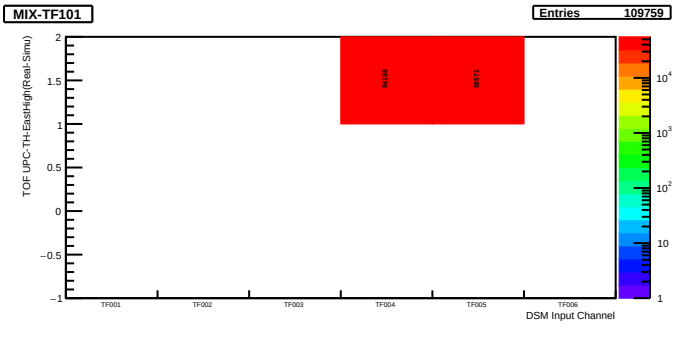

MIX-TF101
Entries 1093740
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

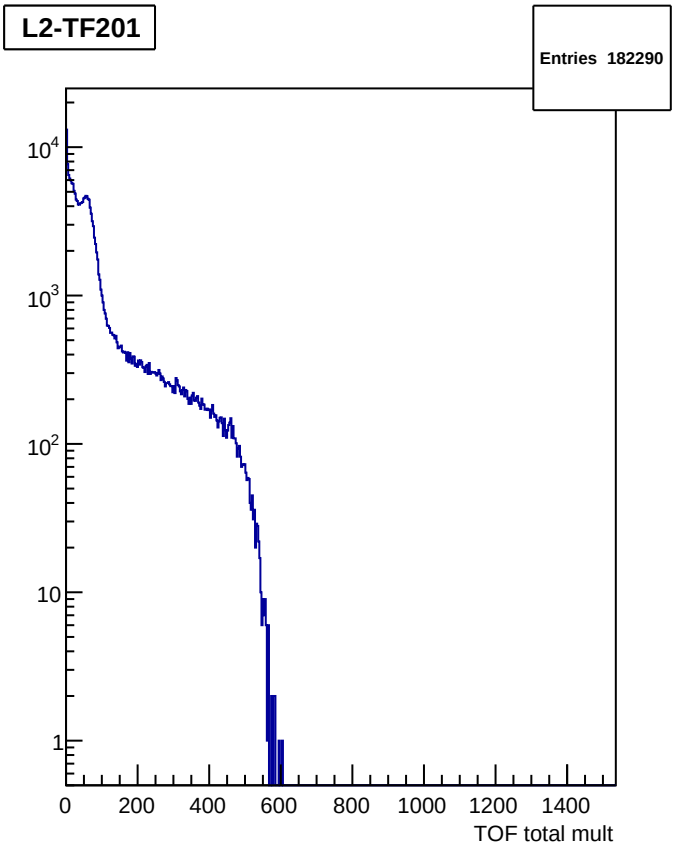

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

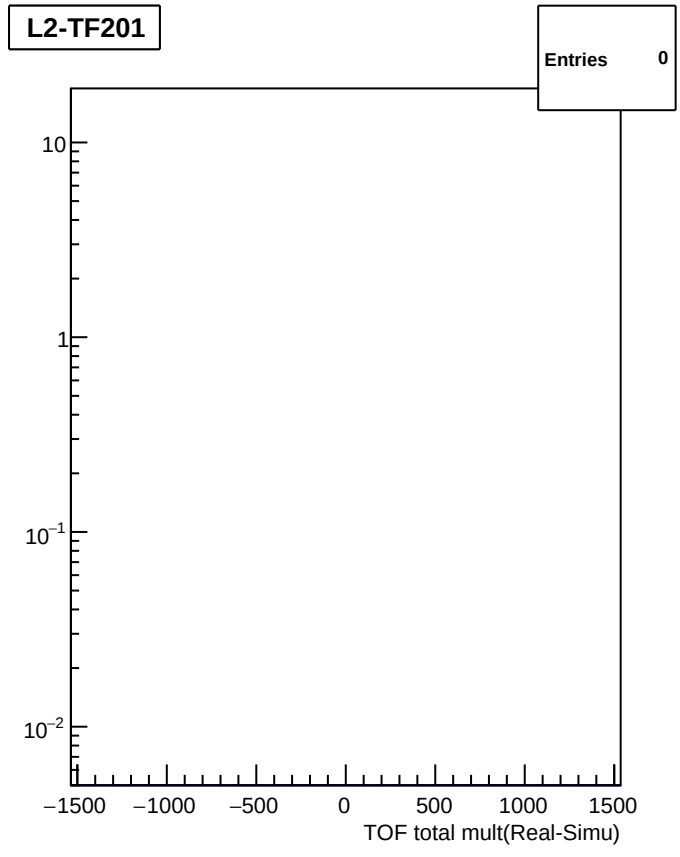

MIX-TF101
Entries 1093740
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

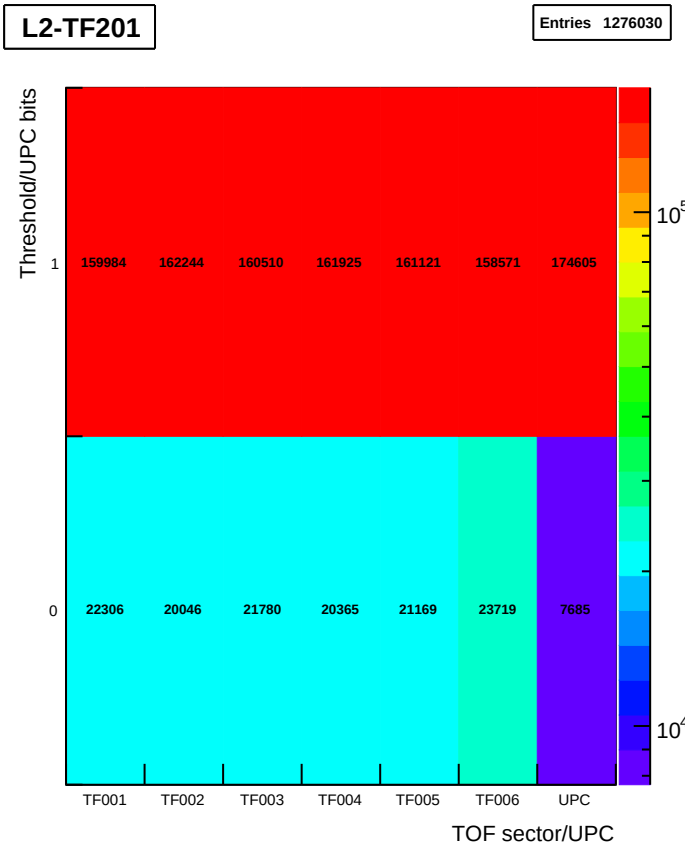

MIX-TF101
Entries 53958
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

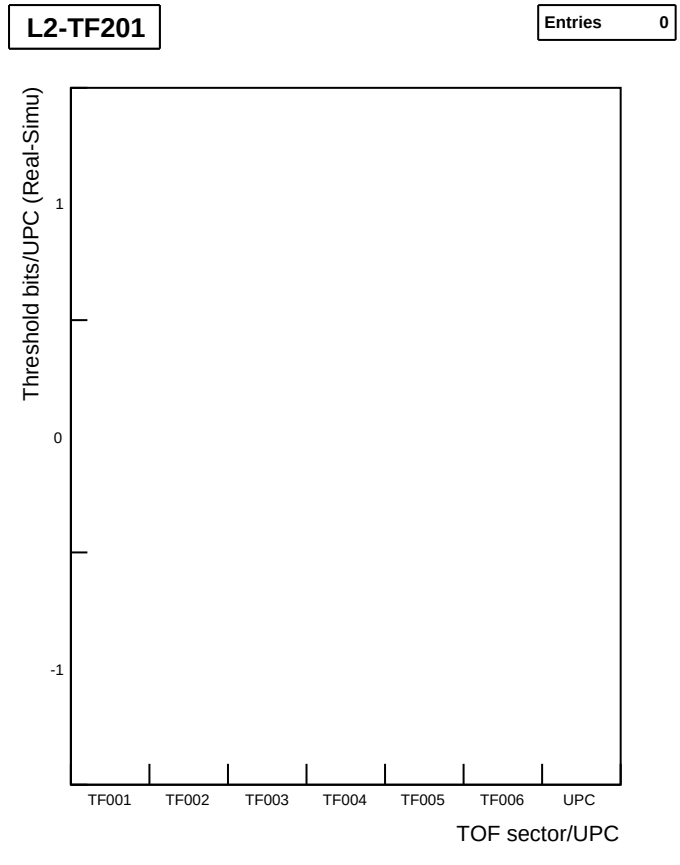

MIX-TF101
Entries 1093740
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

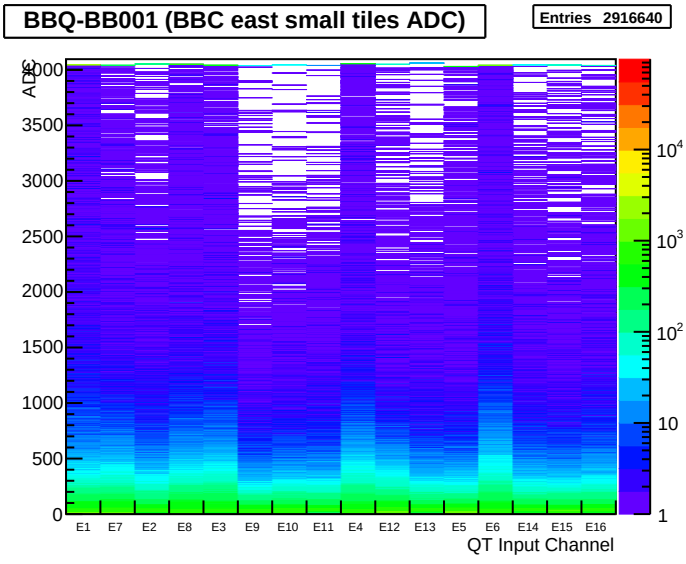

MIX-TF101
Entries 109759
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

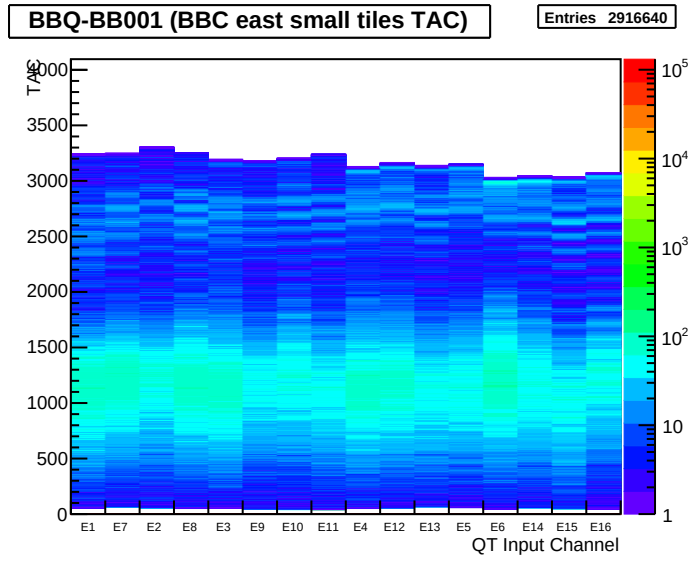

L2-TF201
Entries 182290
TOF total mult

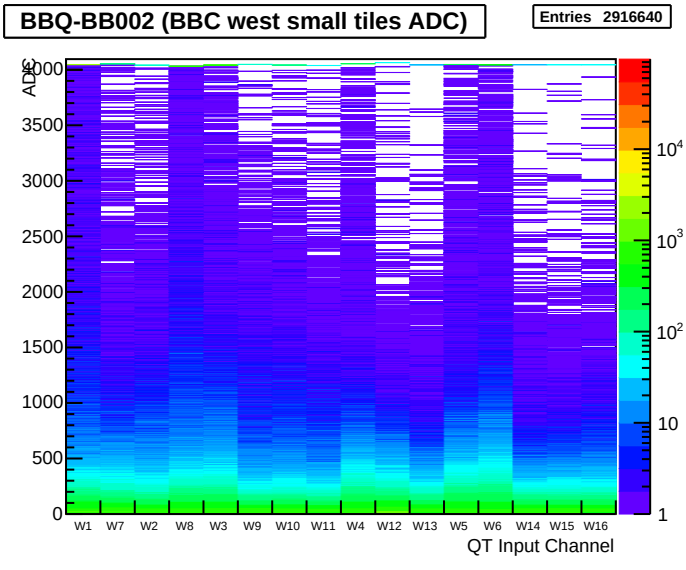

L2-TF201
Entries 0
TOF total mult(Real-Simu)

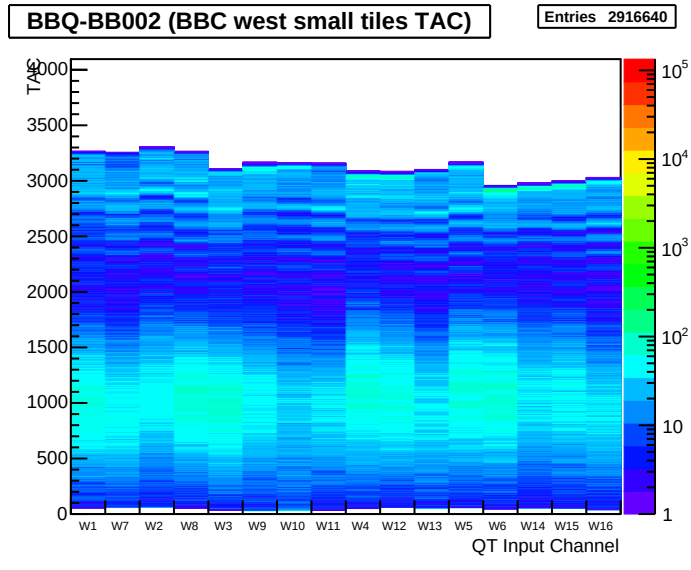

L2-TF201
Entries 1276030
Threshold/UPC bits
159984
162244
160510
161925
161121
158571
174605
22306
20046
21780
20365
21169
23719
7685
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

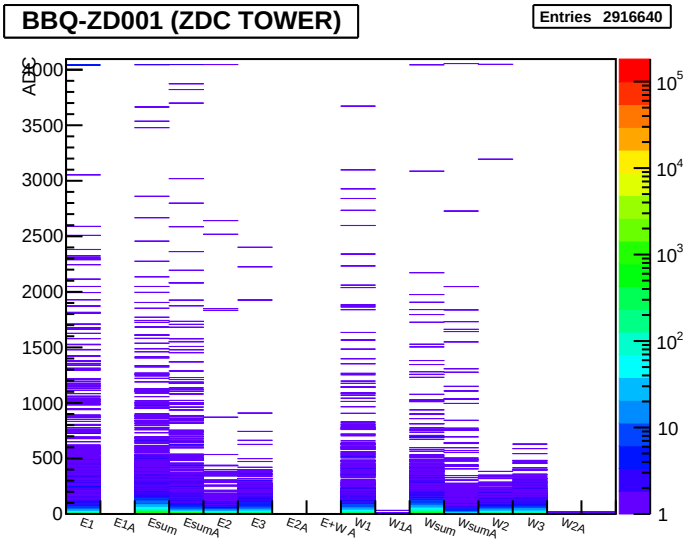

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

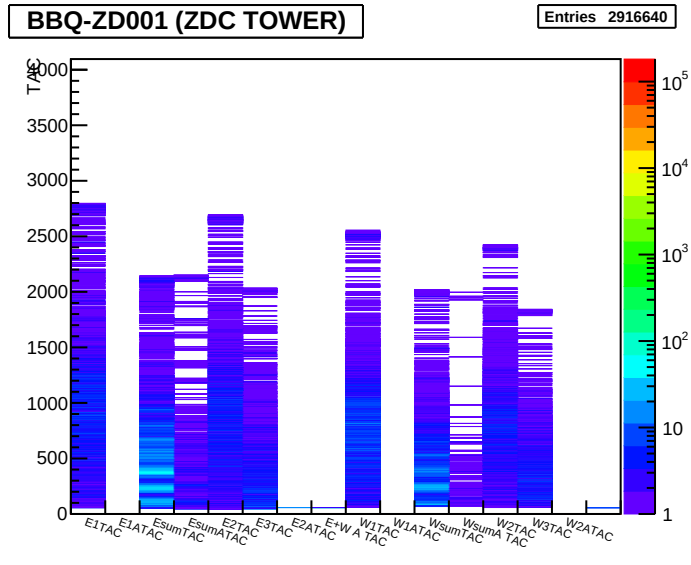

BBQ-BB001 (BBC east small tiles ADC)
Entries 2916640
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

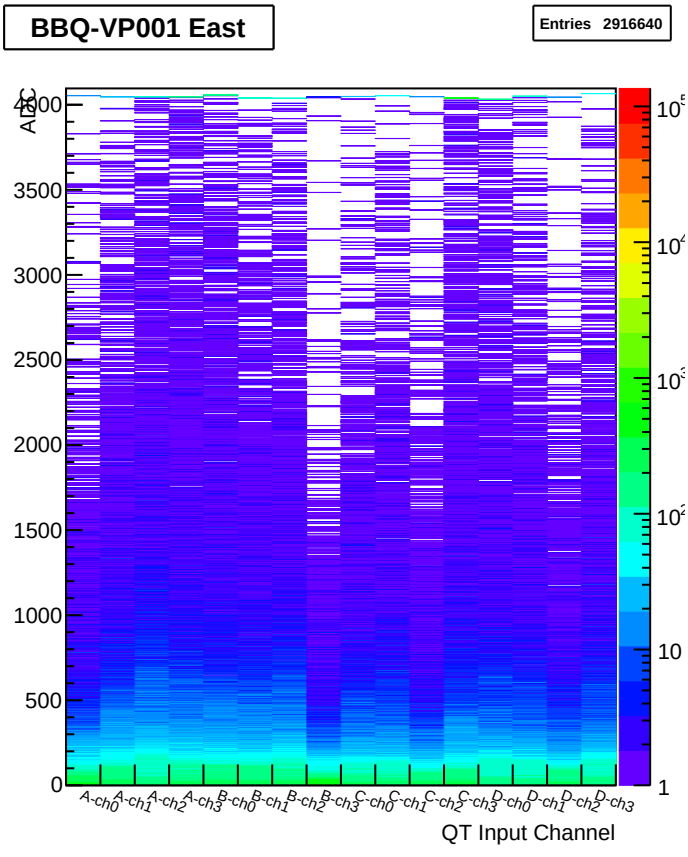

BBQ-BB001 (BBC east small tiles TAC)
Entries 2916640
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

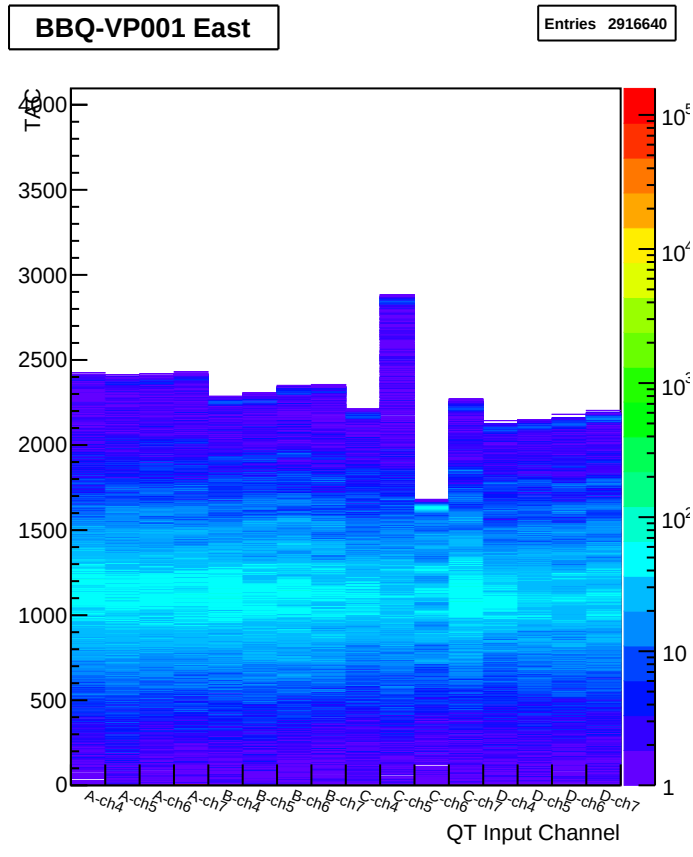

BBQ-BB002 (BBC west small tiles ADC)
Entries 2916640
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

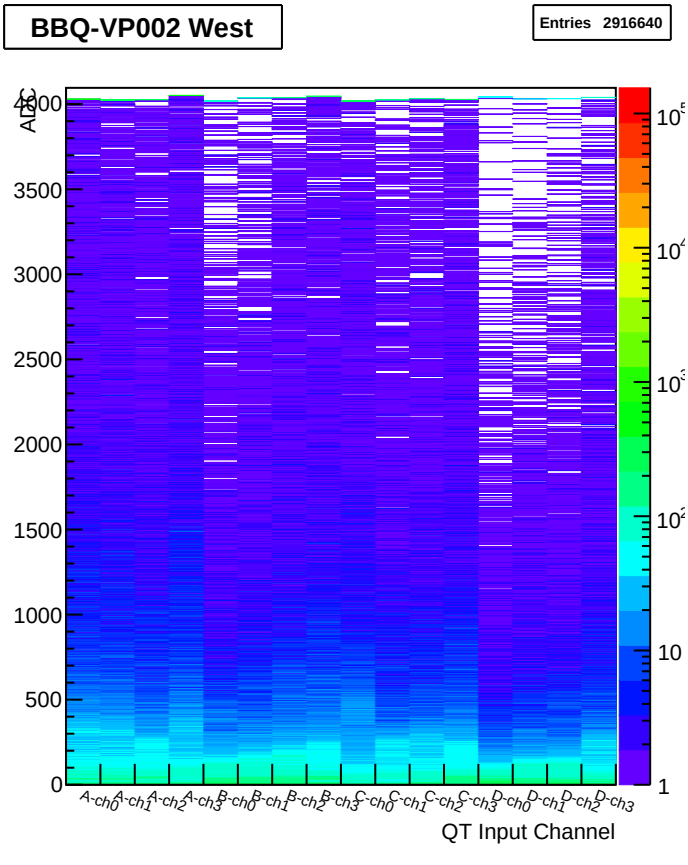

BBQ-BB002 (BBC west small tiles TAC)
Entries 2916640
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

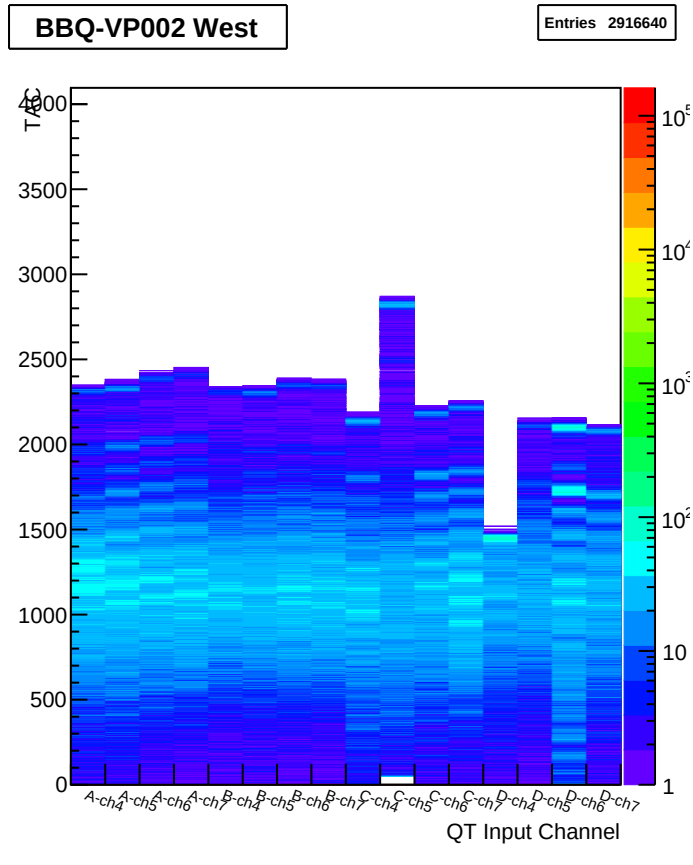

BBQ-ZD001 (ZDC TOWER)
Entries 2916640
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

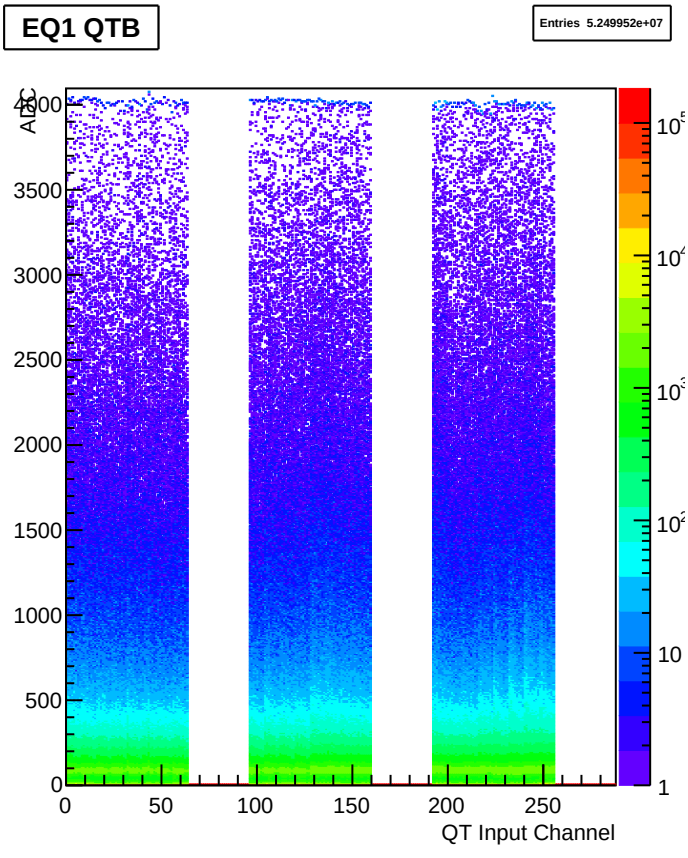

BBQ-ZD001 (ZDC TOWER)
Entries 2916640
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

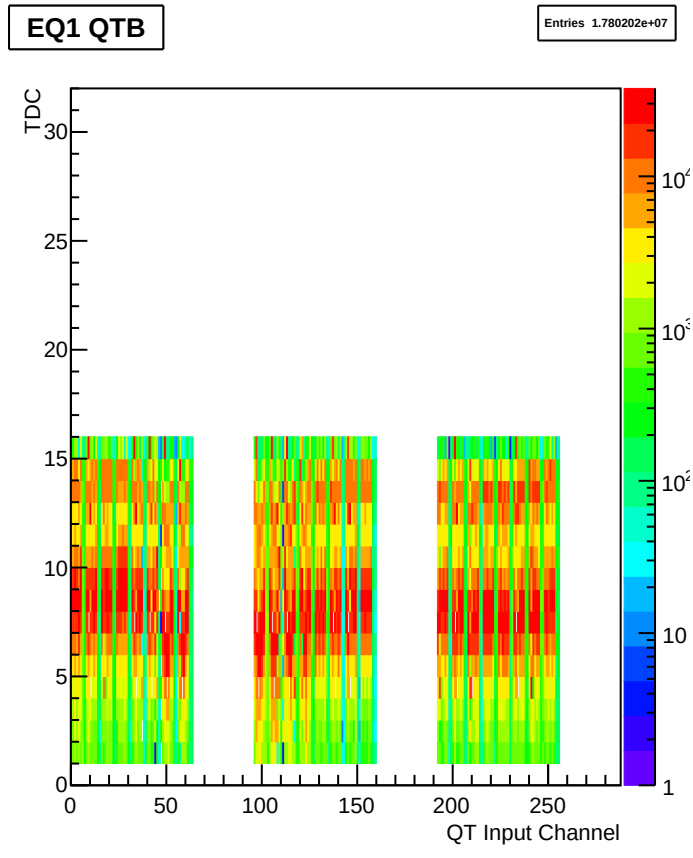

BBQ-VP001 East
Entries 2916640
ADC
QT Input Channel

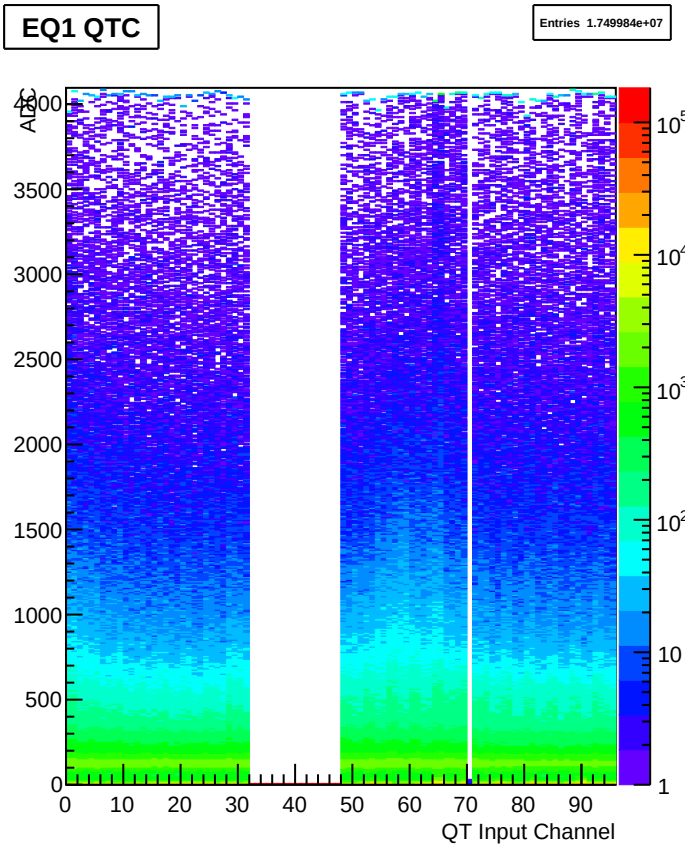

BBQ-VP001 East
Entries 2916640
TADC
QT Input Channel

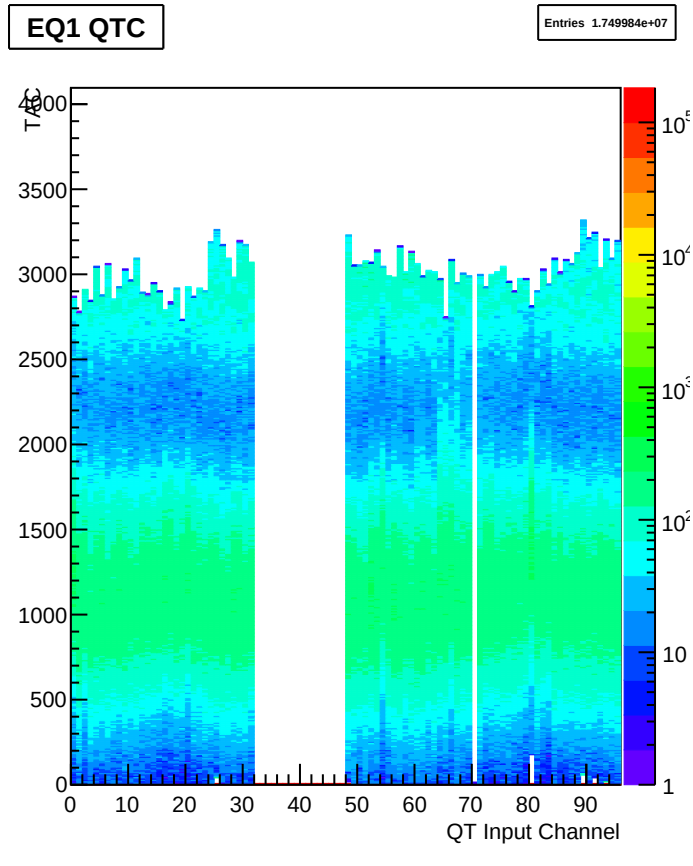

BBQ-VP002 West
Entries 2916640
ADC
QT Input Channel

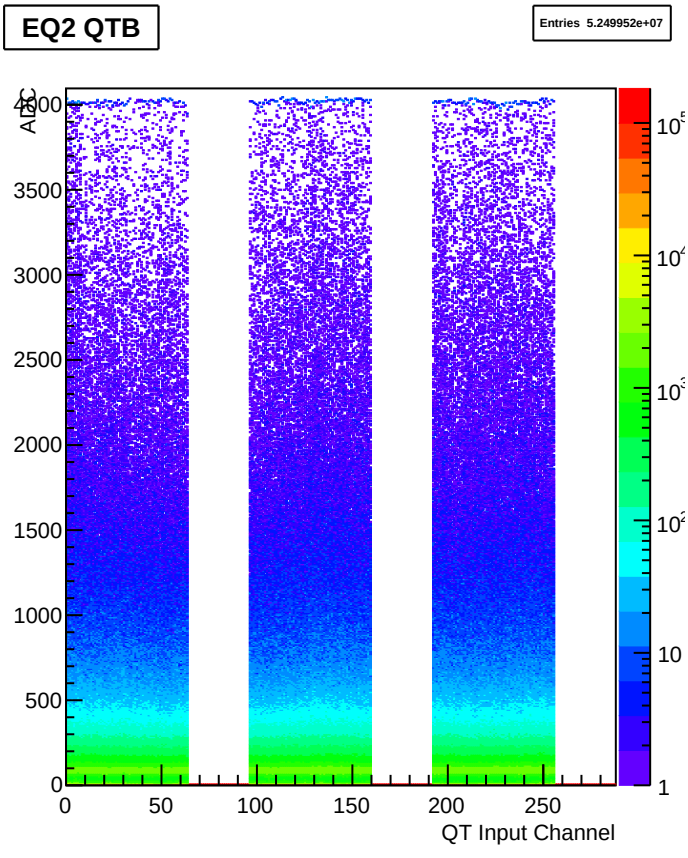

BBQ-VP002 West
Entries 2916640
TADC
QT Input Channel

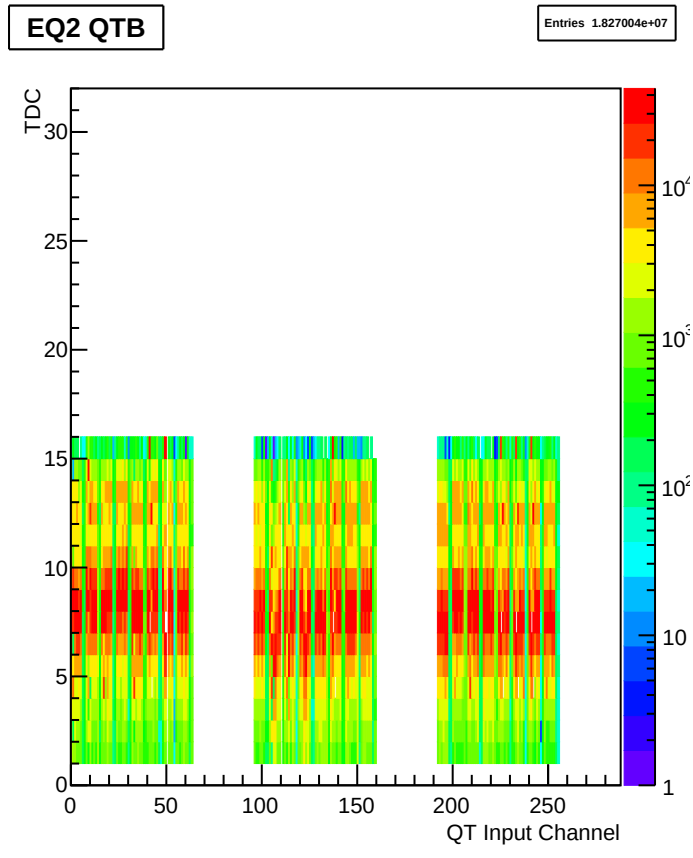

EQ1 QTB
Entries 5.249952e+07
ADC
QT Input Channel

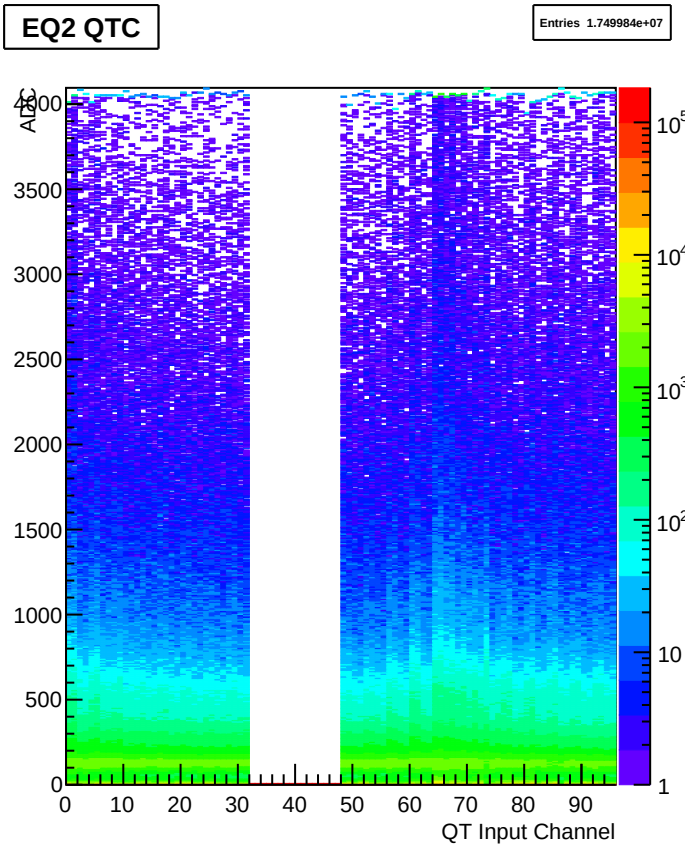

EQ1 QTB
Entries 1.780202e+07
TDC
QT Input Channel

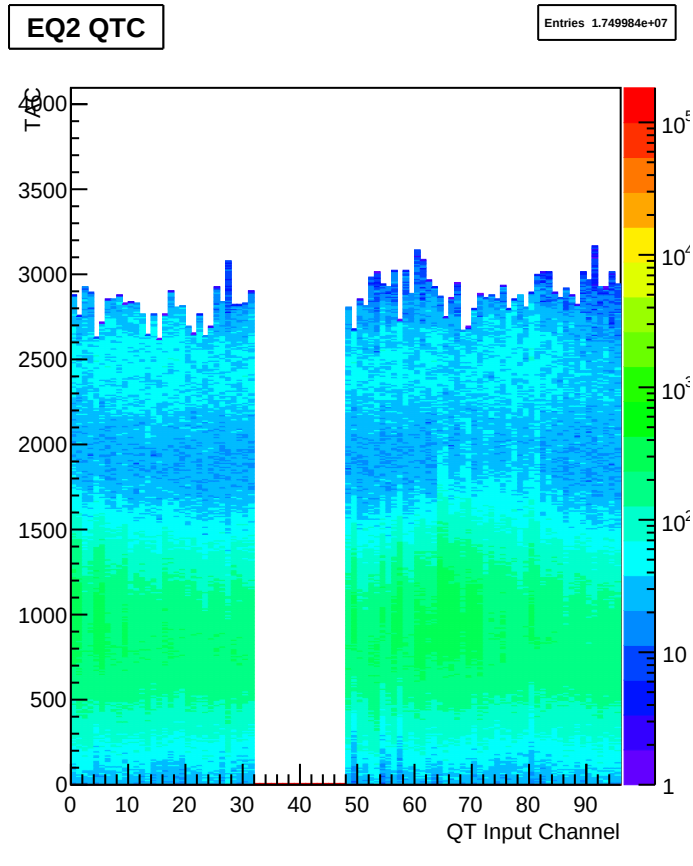

EQ1 QTC
Entries 1.749984e+07
ADC
QT Input Channel

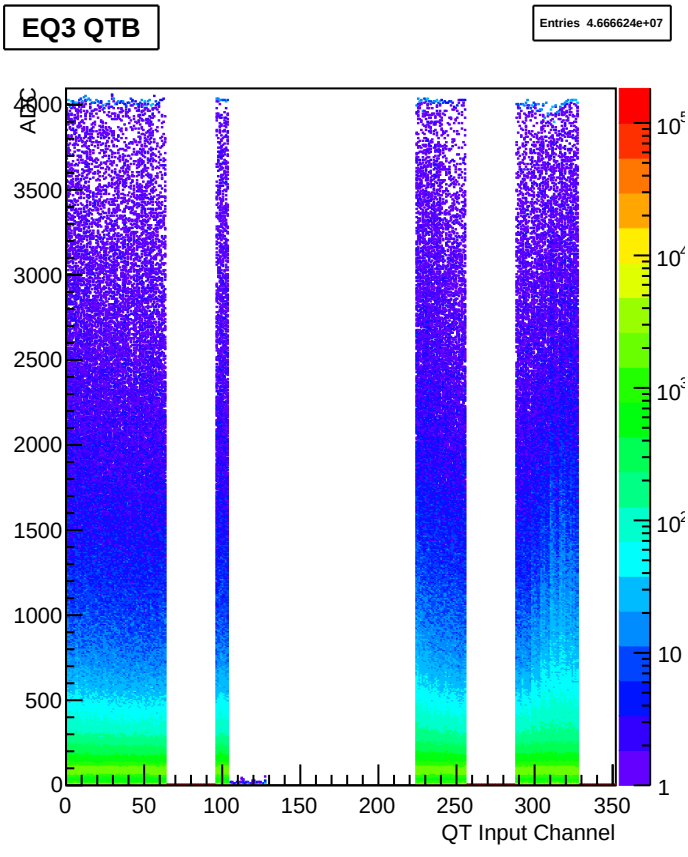

EQ1 QTC
Entries 1.749984e+07
TADC
QT Input Channel

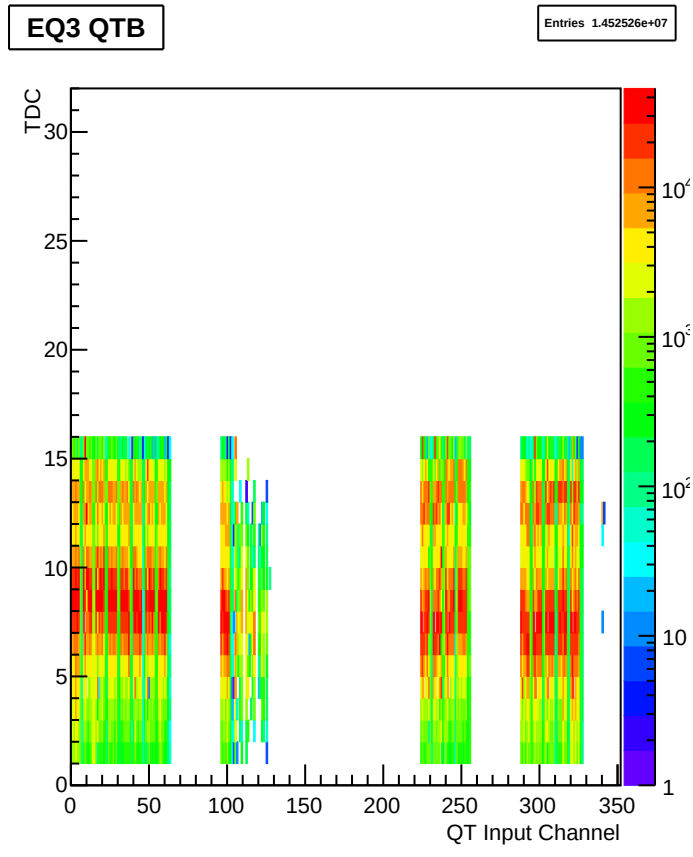

EQ2 QTB
Entries 5.249952e+07
ADC
QT Input Channel

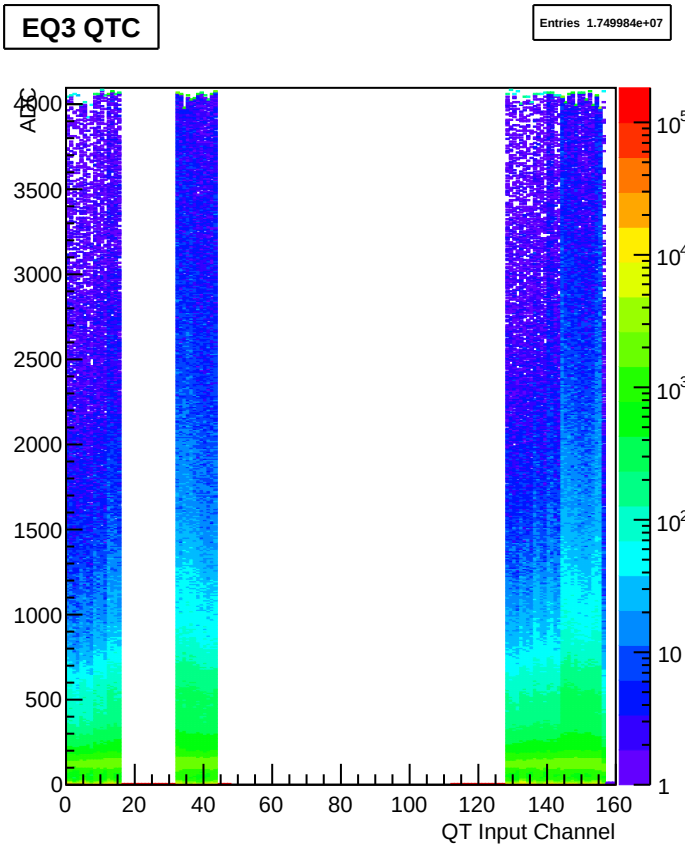

EQ2 QTB
Entries 1.827004e+07
TDC
QT Input Channel

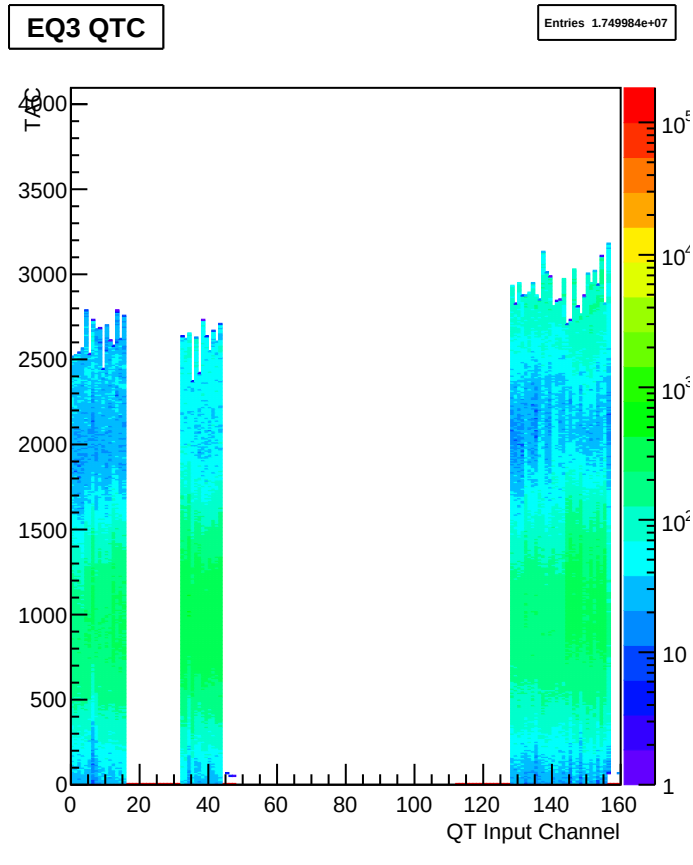

EQ2 QTC
Entries 1.749984e+07
ADC
QT Input Channel

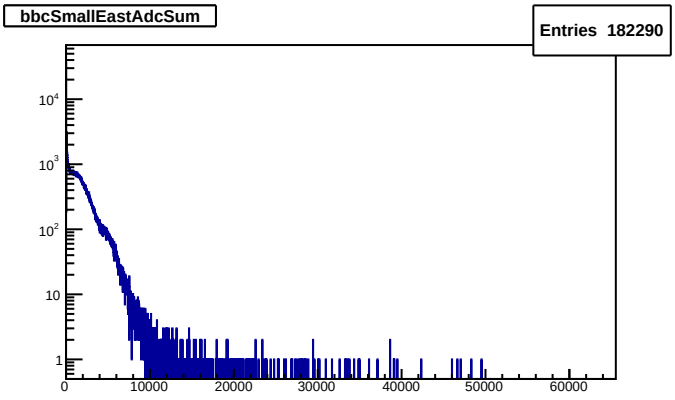

EQ2 QTC
Entries 1.749984e+07
TADC
QT Input Channel

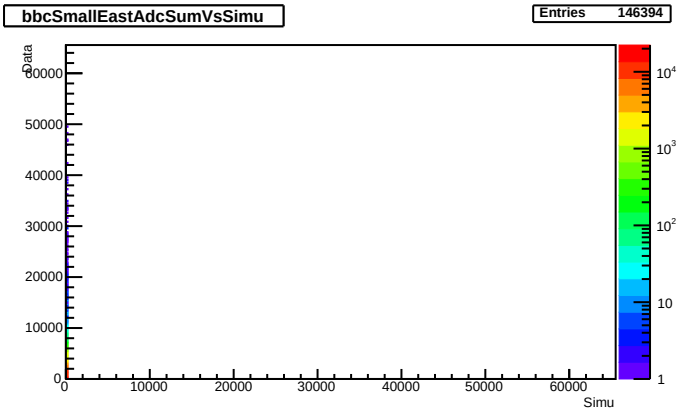

EQ3 QTB
Entries 4.666624e+07
ADC
QT Input Channel

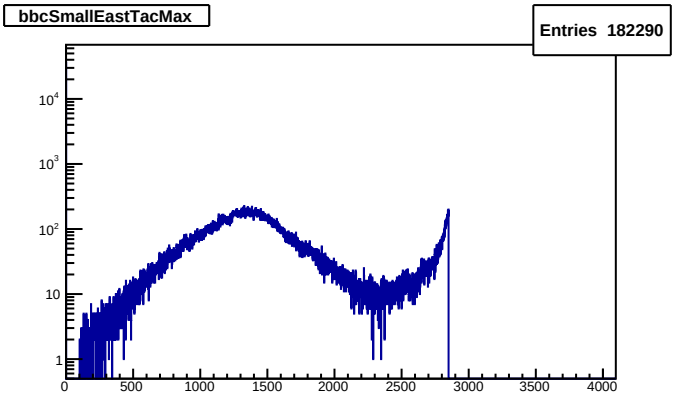

EQ3 QTB
Entries 1.452526e+07
TDC
QT Input Channel

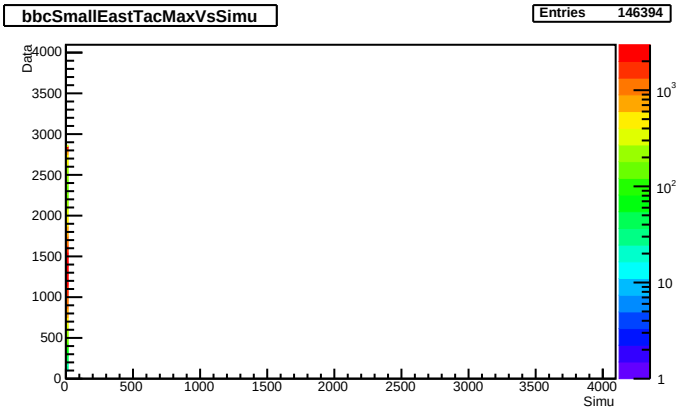

EQ3 QTC
Entries 1.749984e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.749984e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 182290


bbcSmallEastAdcSumVsSimu
Entries 146394
Data
Simu


bbcSmallEastTacMax
Entries 182290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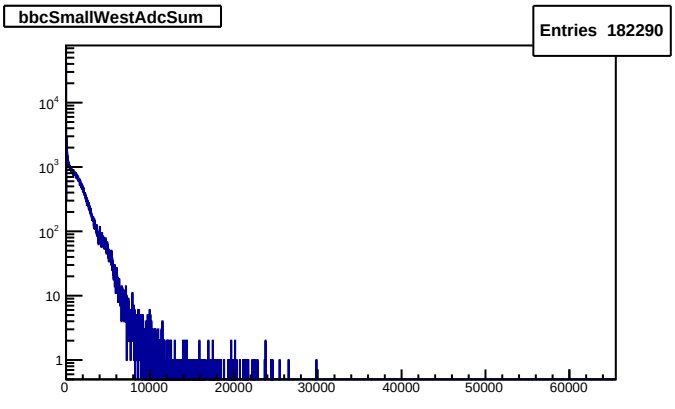
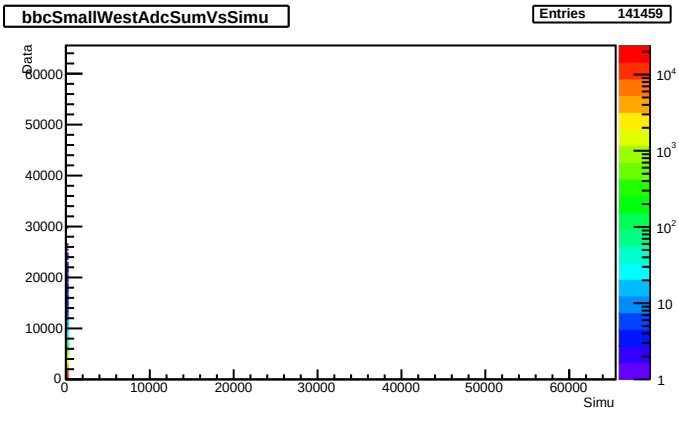
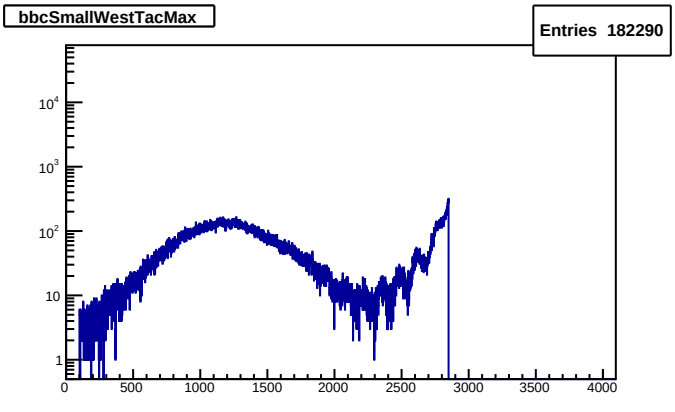
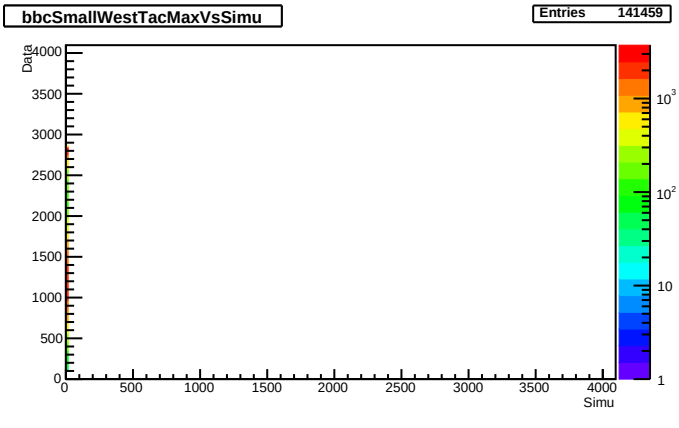
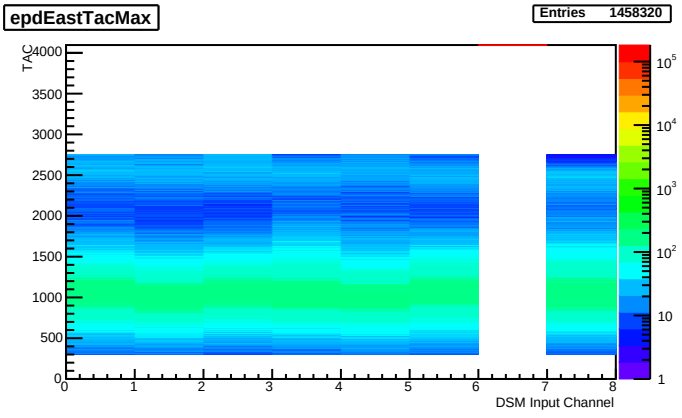
Entries 146394
Data
Simu

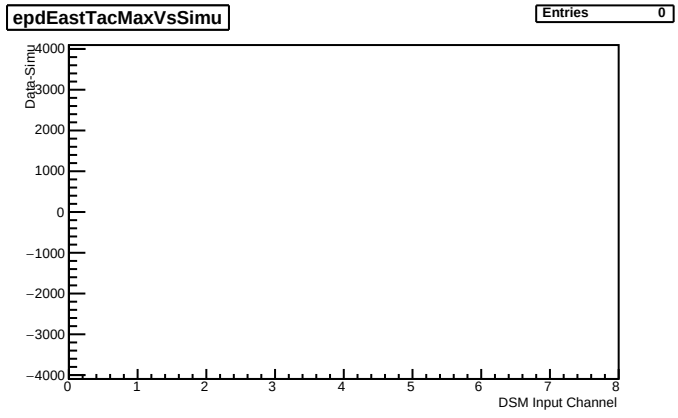

bbcSmallWestAdcSum
Entries 182290

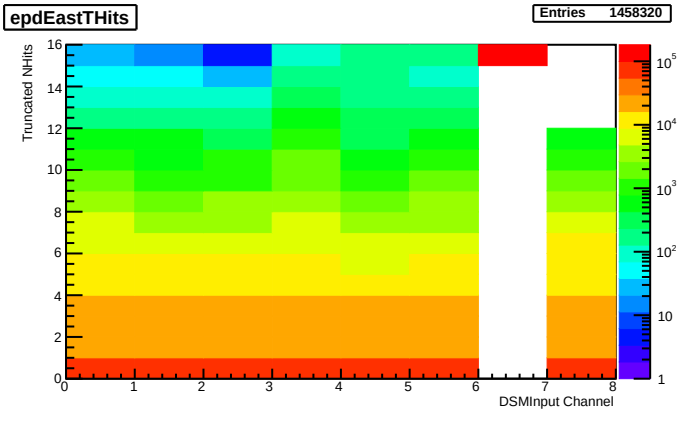

bbcSmallWestAdcSumVsSimu
Entries 141459
Data
Simu

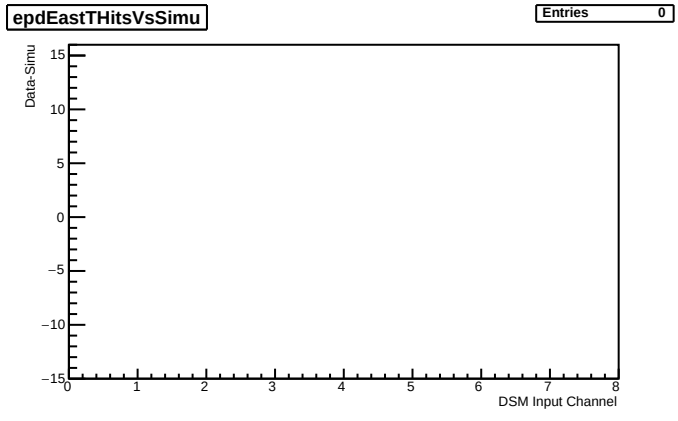

bbcSmallWestTacMax
Entries 182290


bbcSmallWestTacMaxVsSimu
Entries 141459
Data
Simu


epdEastTacMax
Entries 1458320
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1458320
Truncated NHits
DSMInput Channel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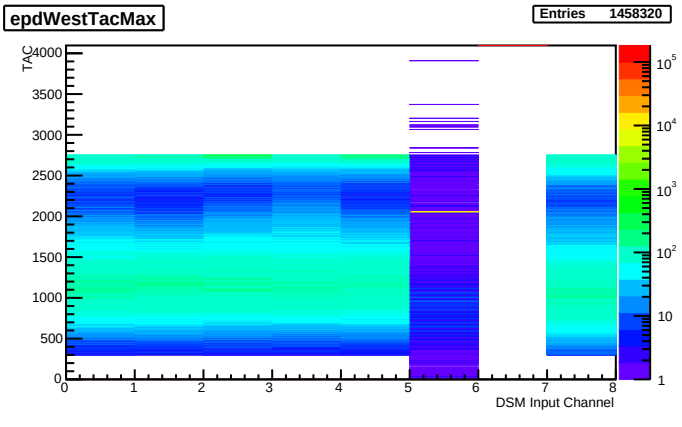
Data-Simu
DSM Input Channel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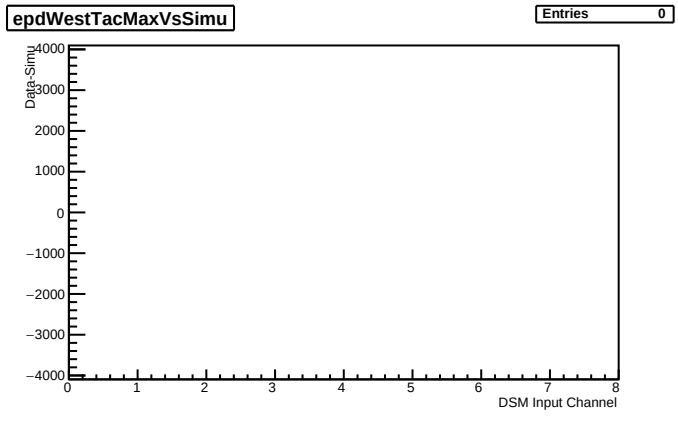
Entries 1458320
TAC
DSM Input Channel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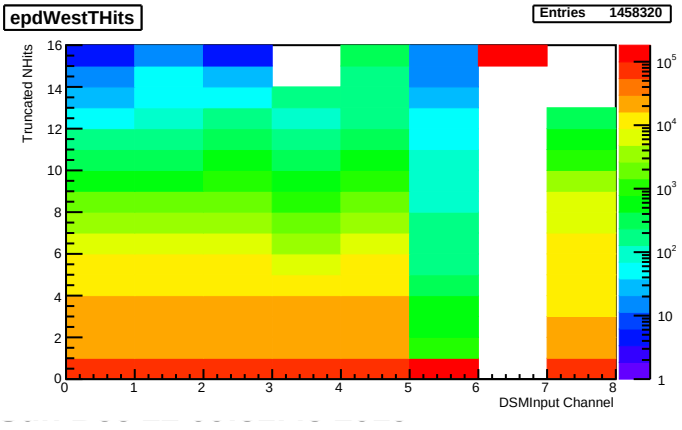
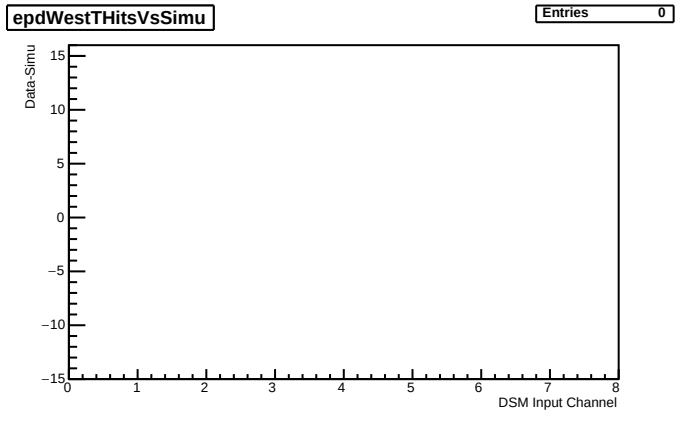
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1458320
Truncated NHits
DSMInput Channel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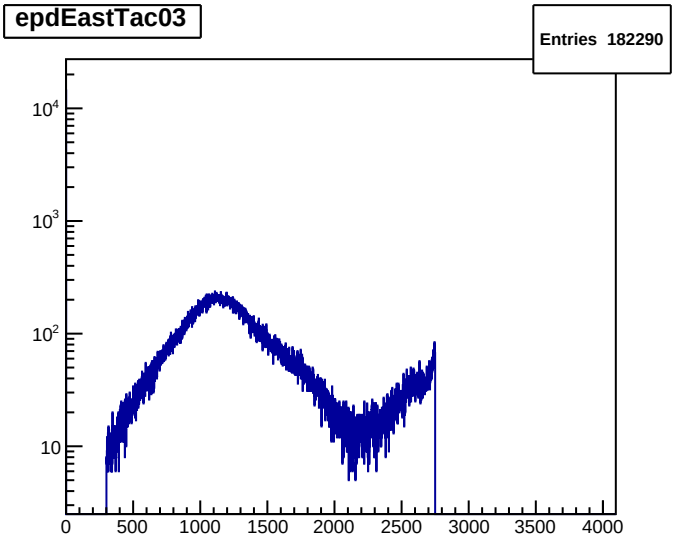
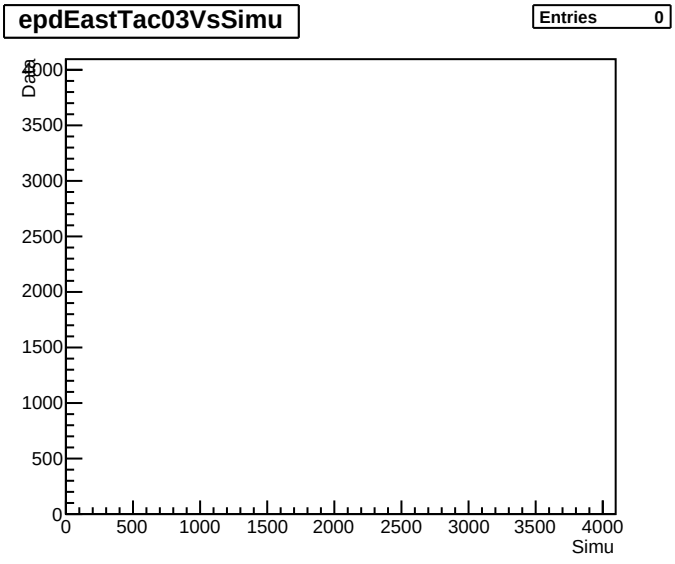
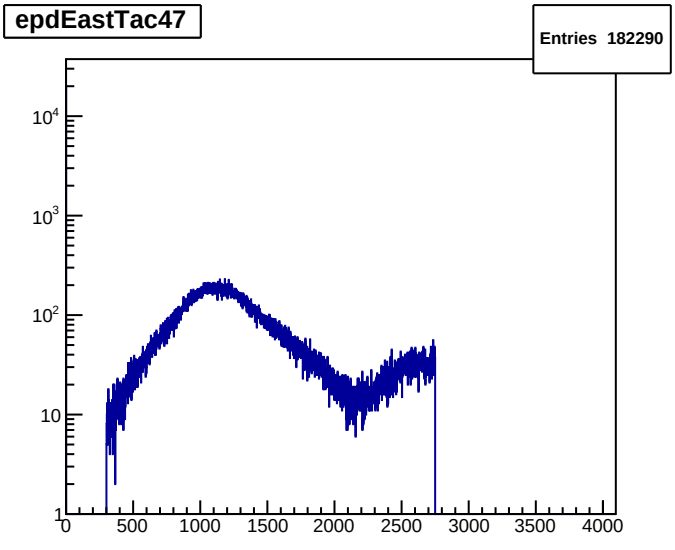
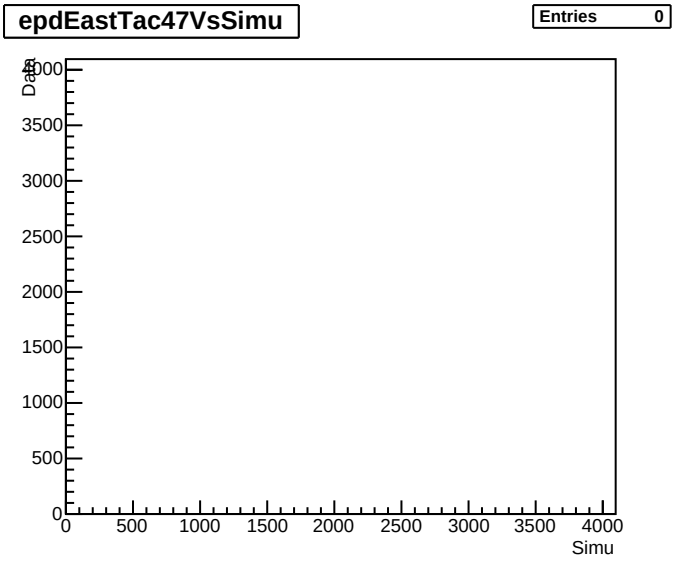
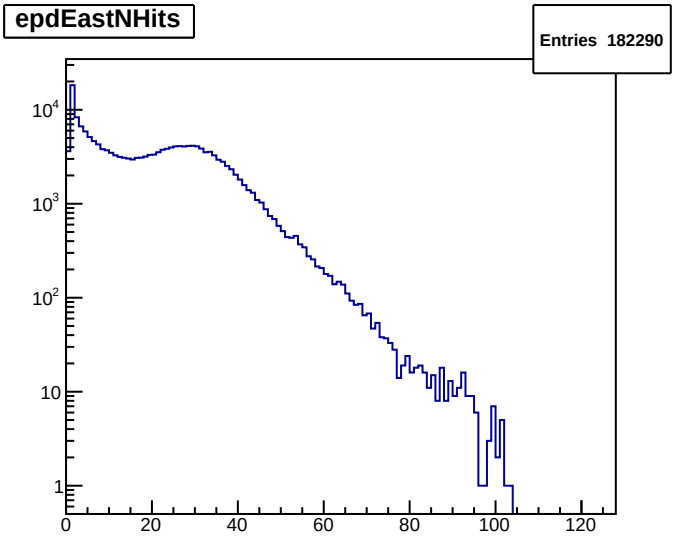
Entries 0
Data-Simu
DSM Input Channel

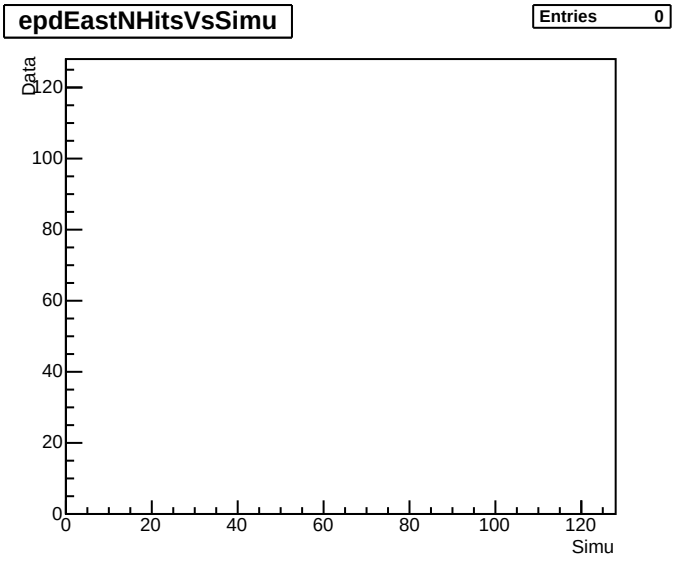

epdEastTac03
Entries 182290

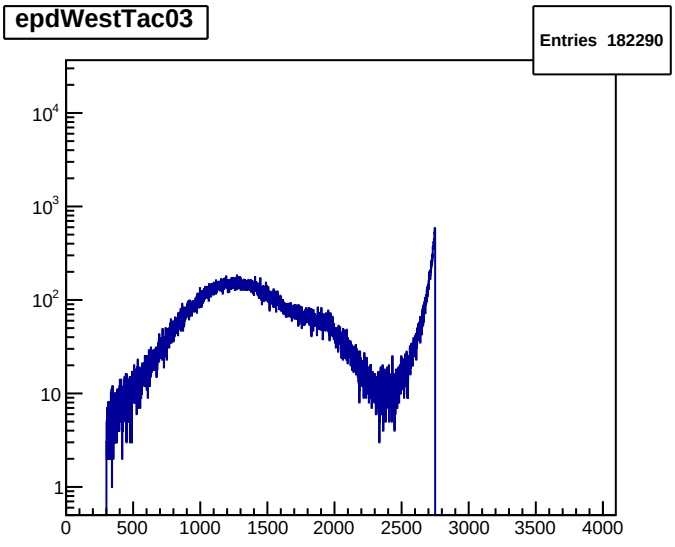

epdEastTac03VsSimu
Entries 0
Data
Simu

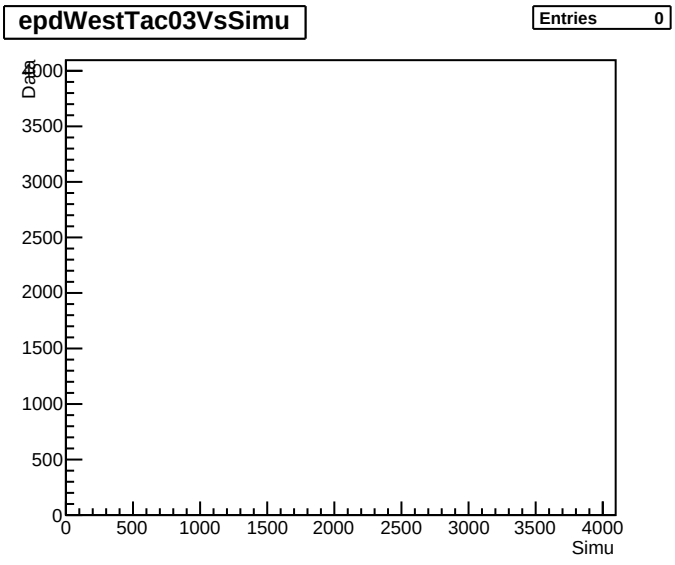

epdEastTac47
Entries 182290


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 182290


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 182290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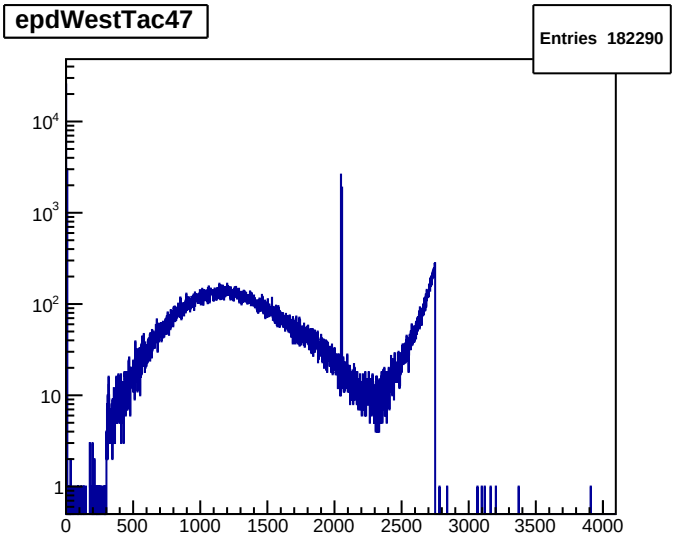
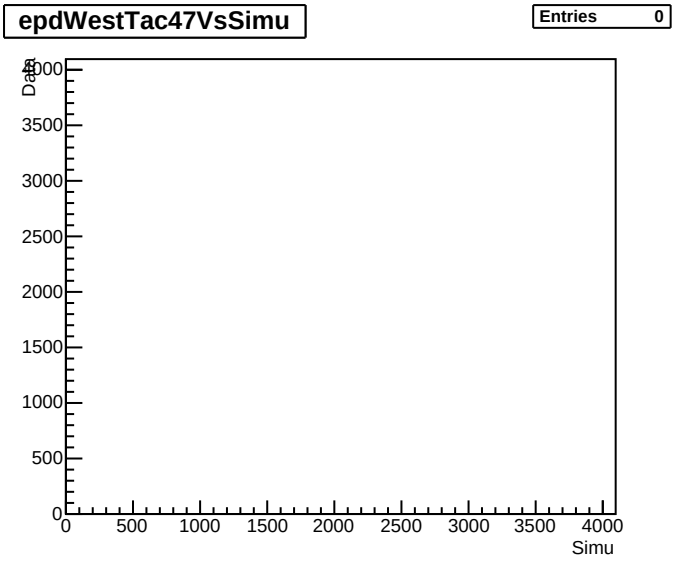
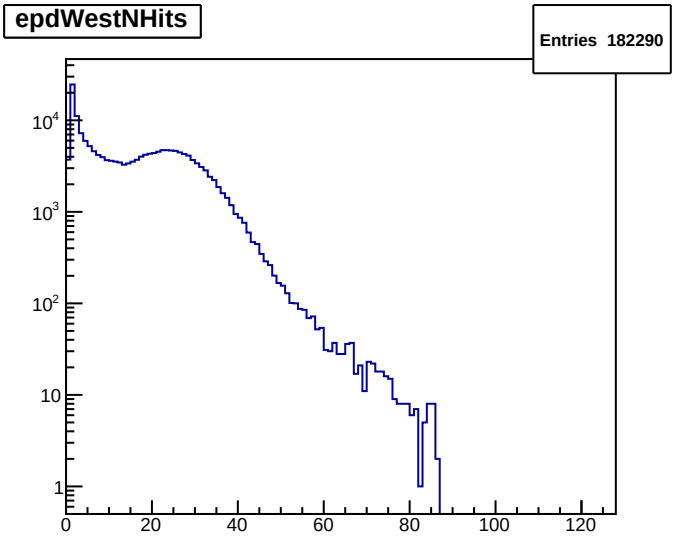
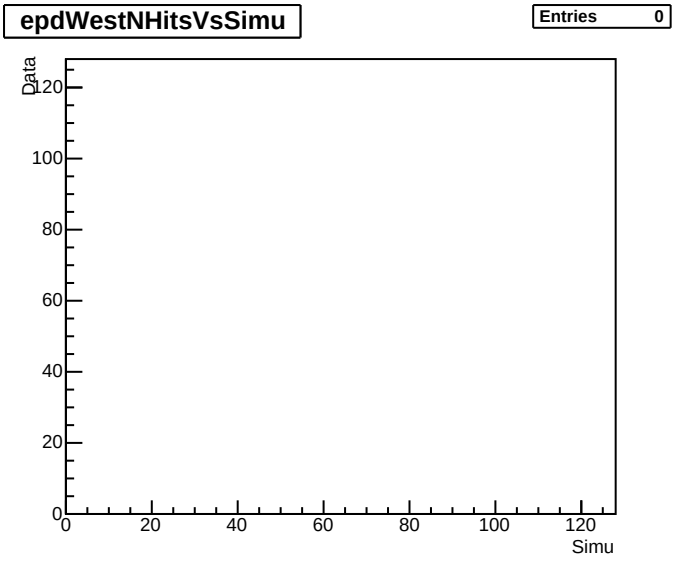
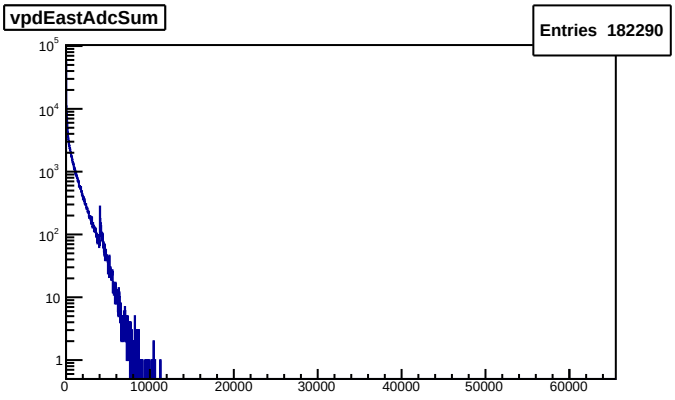
Entries 0
Data
Simu

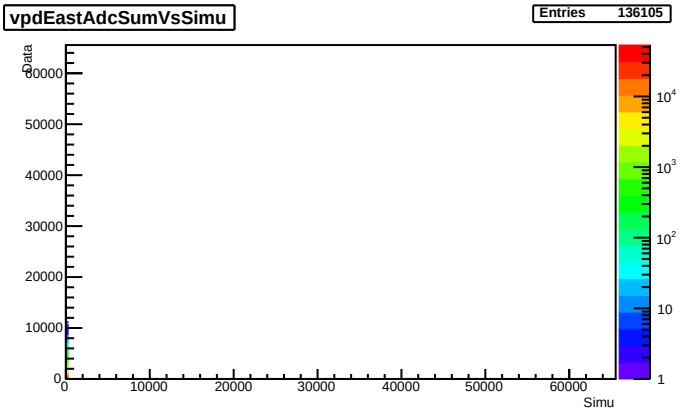

epdWestTac47
Entries 182290

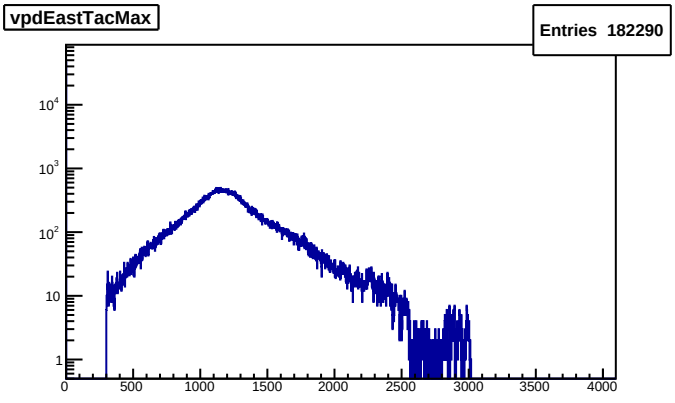

epdWestTac47VsSimu
Entries 0
Data
Simu

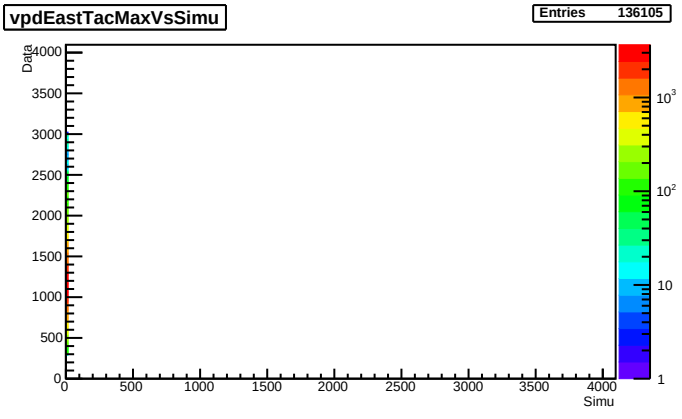

epdWestNHits
Entries 182290

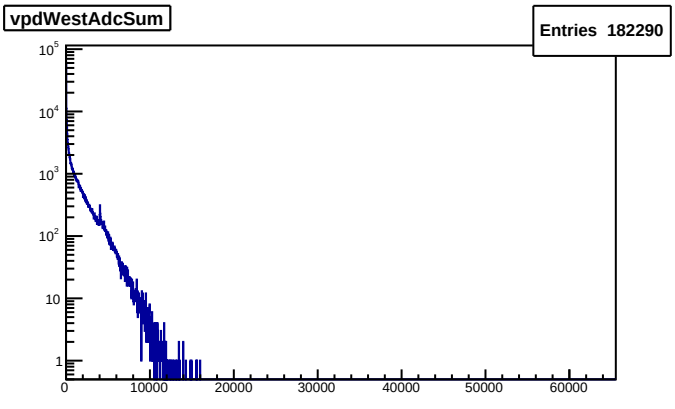

epdWestNHitsVsSimu
Entries 0
Data
Simu

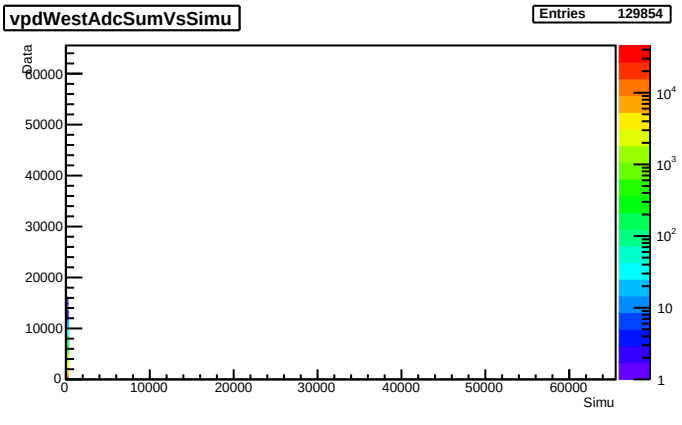

vpdEastAdcSum
Entries 182290

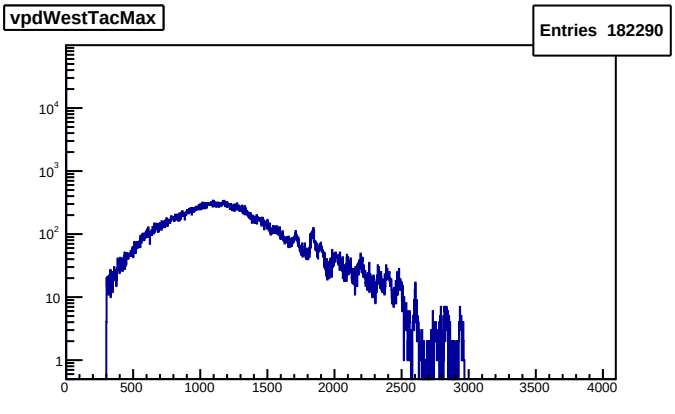

vpdEastAdcSumVsSimu
Entries 136105
Data
Simu

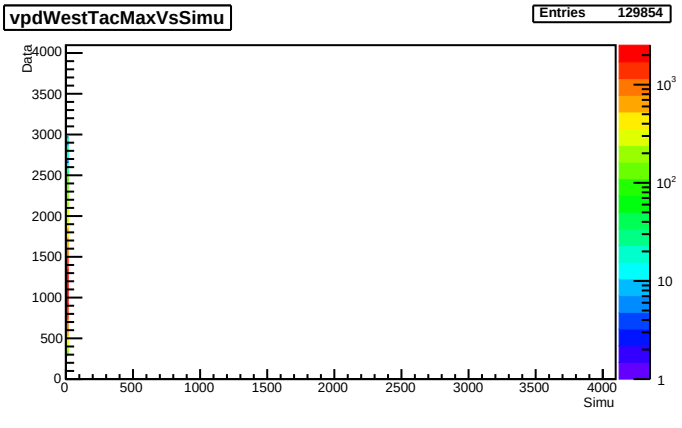

vpdEastTacMax
Entries 182290

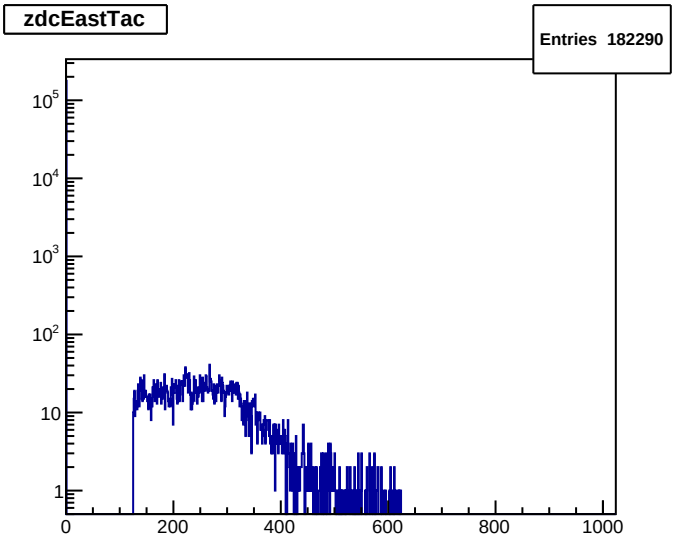

vpdEastTacMaxVsSimu
Entries 136105
Data
Simu

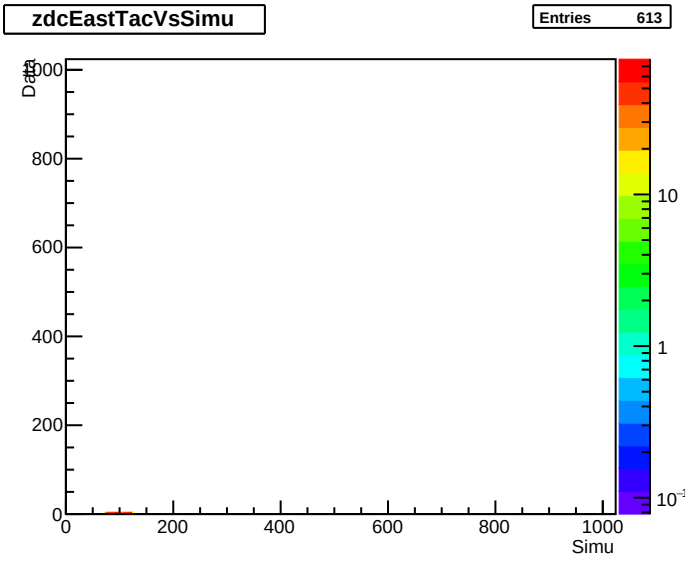

vpdWestAdcSum
Entries 182290

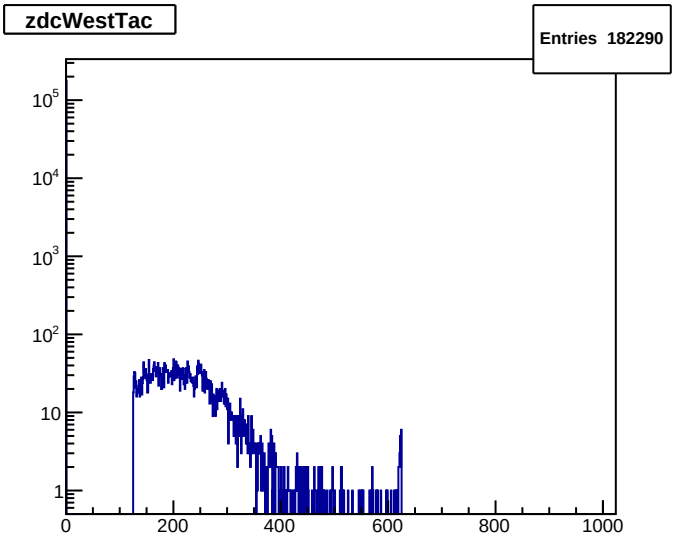

vpdWestAdcSumVsSimu
Entries 129854
Data
Simu

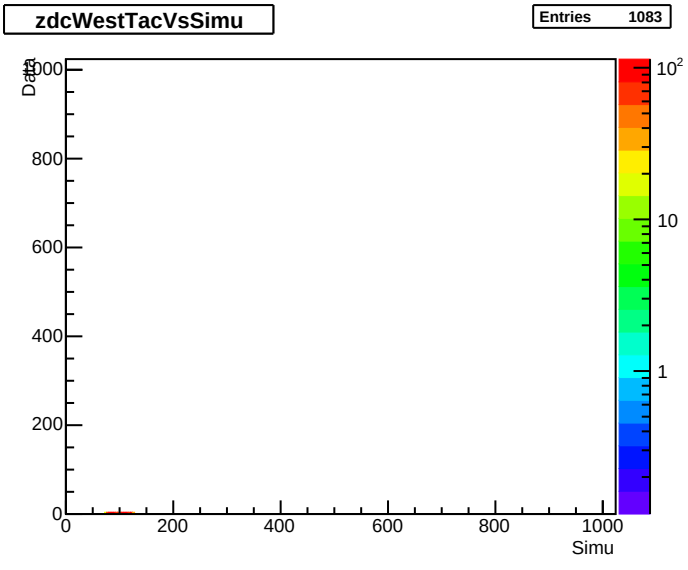

vpdWestTacMax
Entries 182290

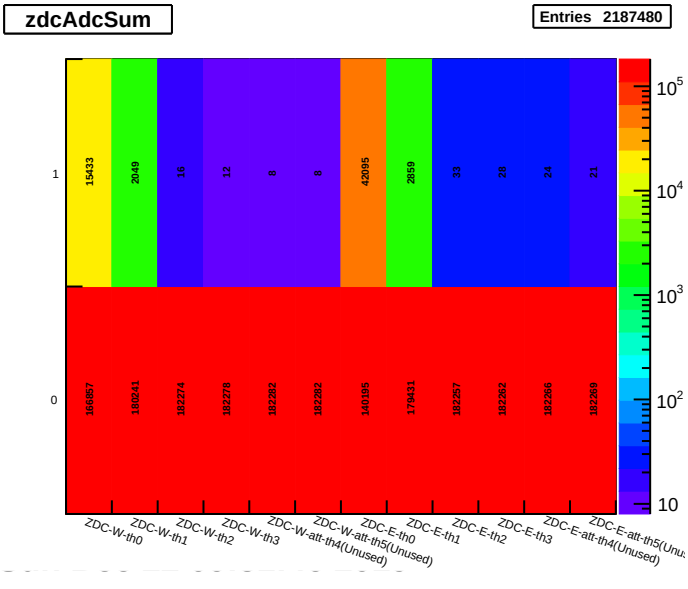

vpdWestTacMaxVsSimu
Entries 129854
Data
Simu

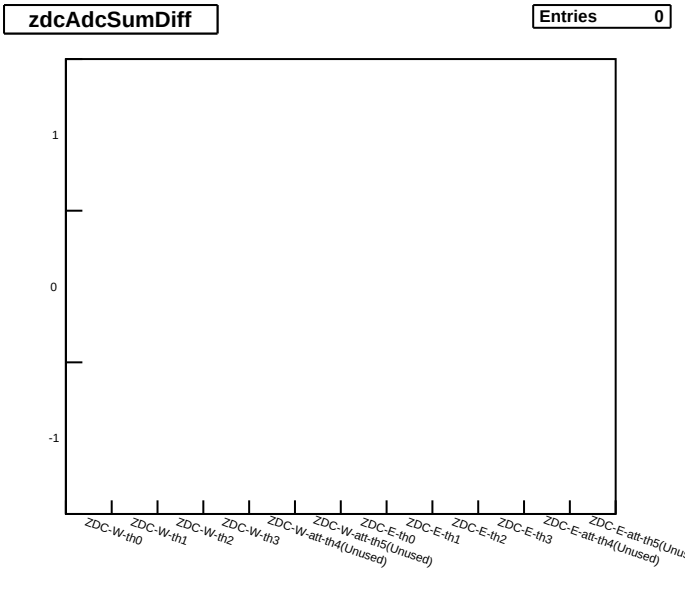

zdcEastTac
Entries 182290

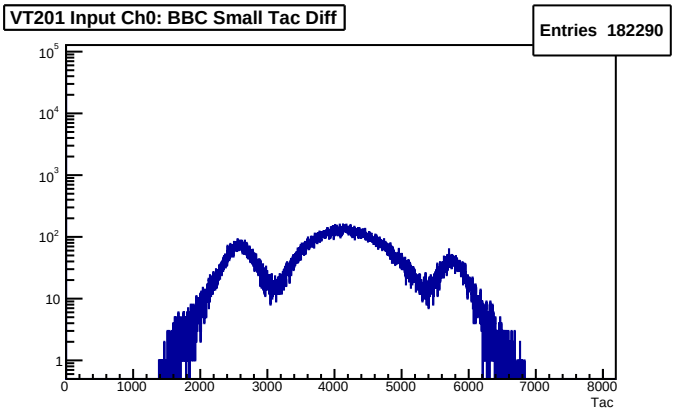

zdcEastTacVsSimu
Entries 613
Data
Simu

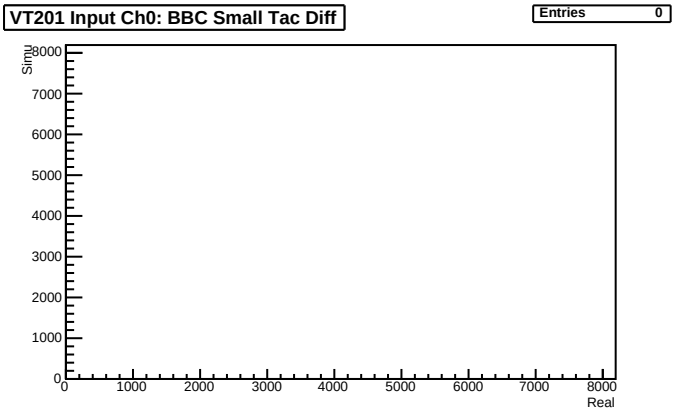

zdcWestTac
Entries 182290

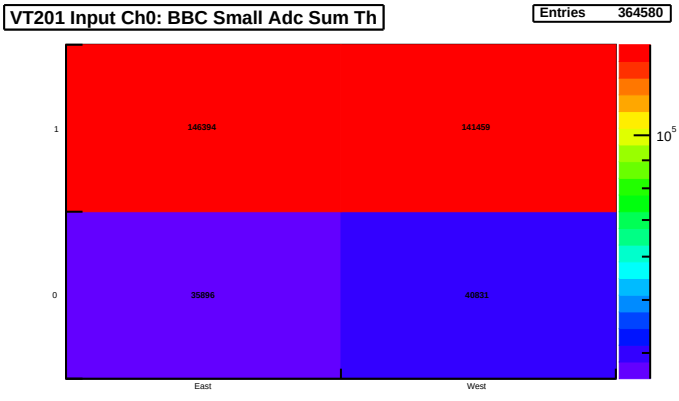

zdcWestTacVsSimu
Entries 1083
Data
Simu

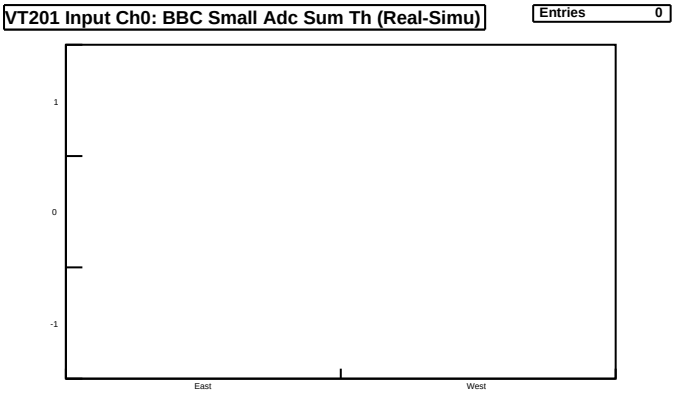

zdcAdcSum
Entries 2187480
15433
2049
16
12
8
8
42095
2859
33
28
24
21
166857
180241
182274
182278
182282
182282
140195
179431
182257
182262
182266
182289
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

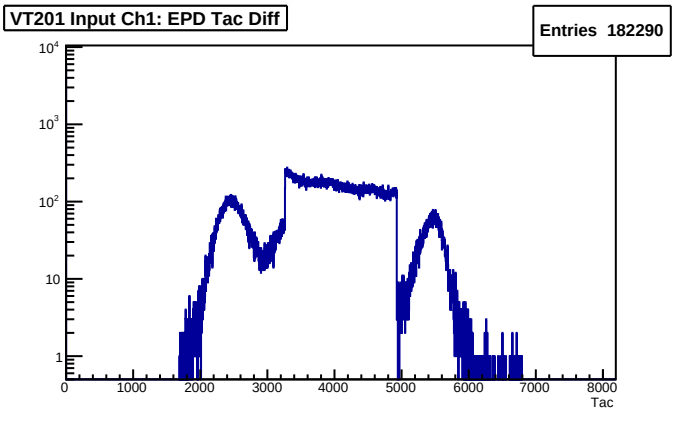

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

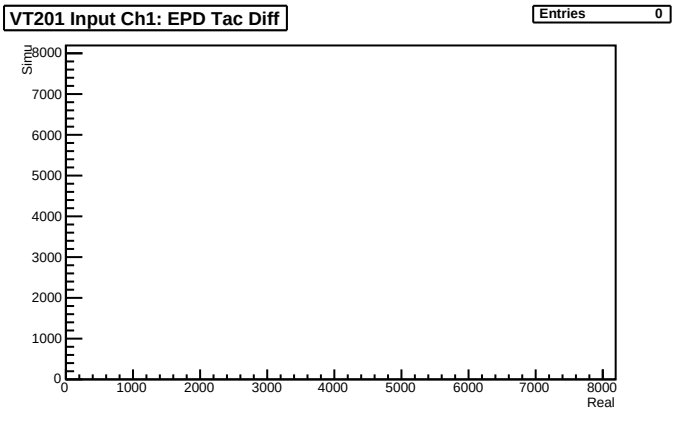

VT201 Input Ch0: BBC Small Tac Diff
Entries 182290
Tac

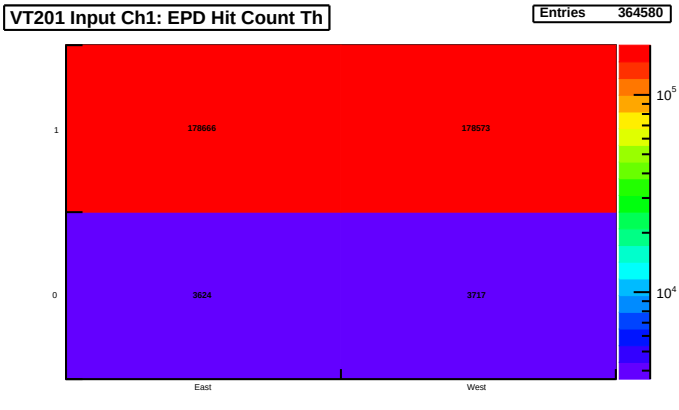

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

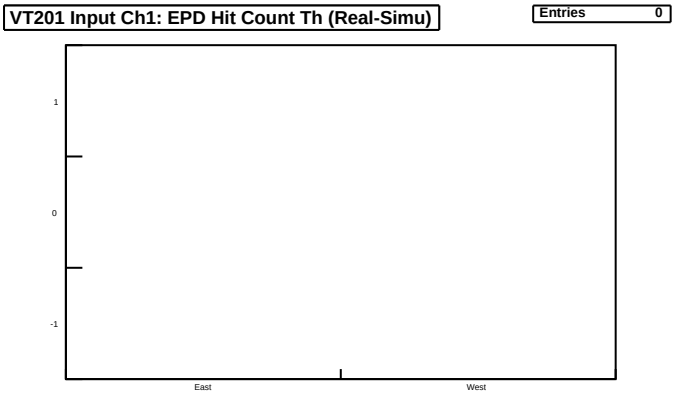

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 364580
146394
141459
35896
40831
East
West

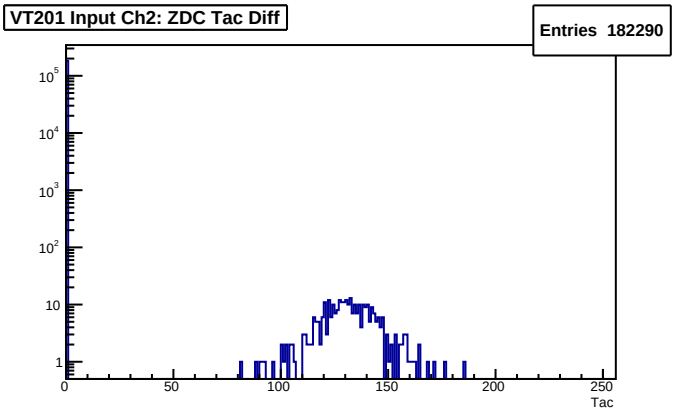

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

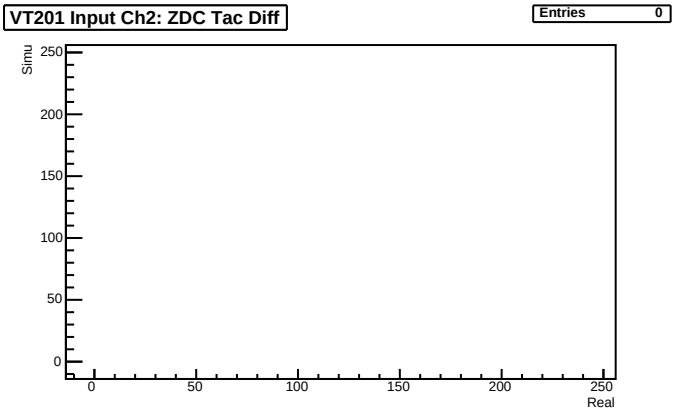

VT201 Input Ch1: EPD Tac Diff
Entries 182290
Tac

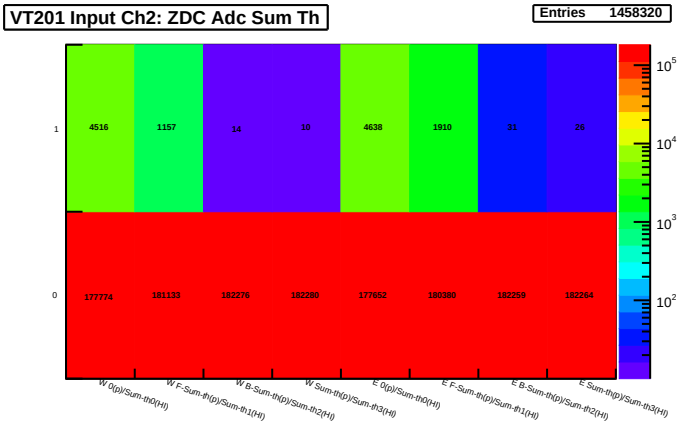

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

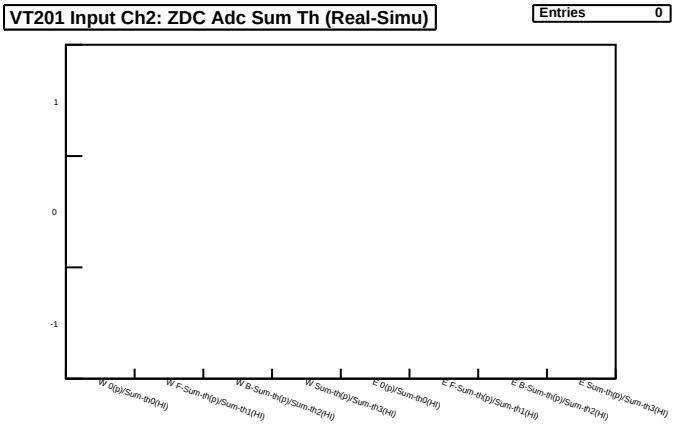

VT201 Input Ch1: EPD Hit Count Th
Entries 364580
178666
178573
3624
3717
East
West

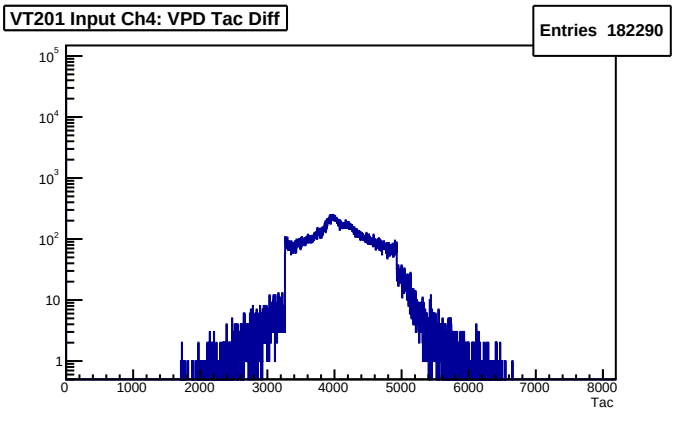

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

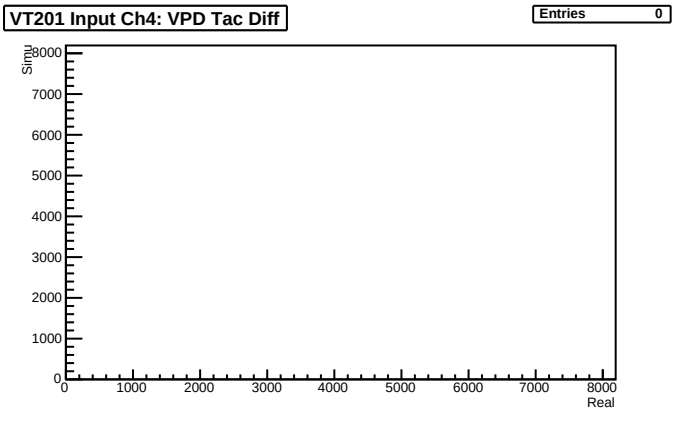

VT201 Input Ch2: ZDC Tac Diff
Entries 182290
Tac

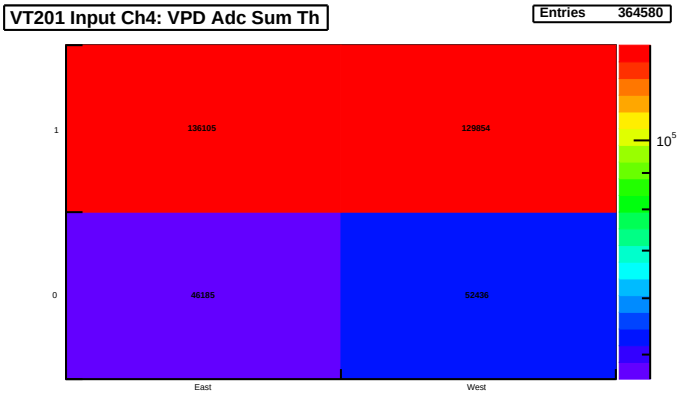

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

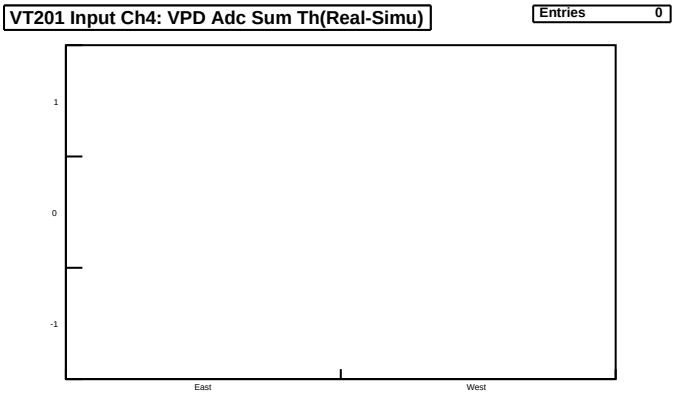

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1458320
4516
1157
14
10
4638
1910
31
26
177774
181133
182276
182280
177652
180380
182259
182264
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

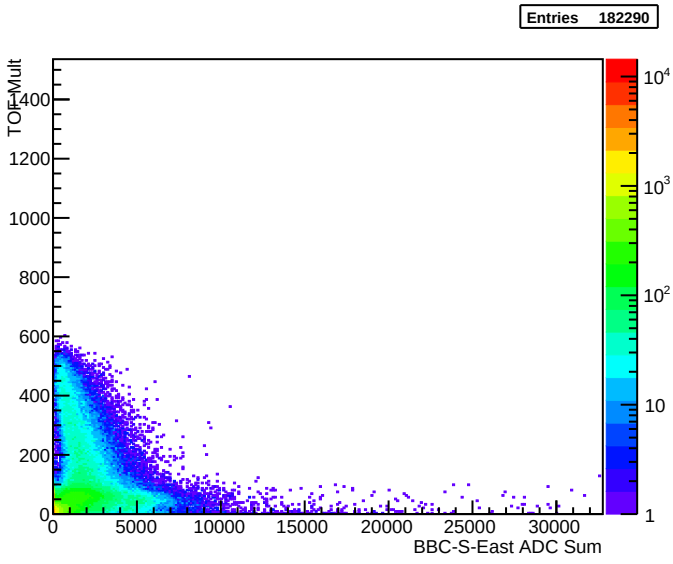

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

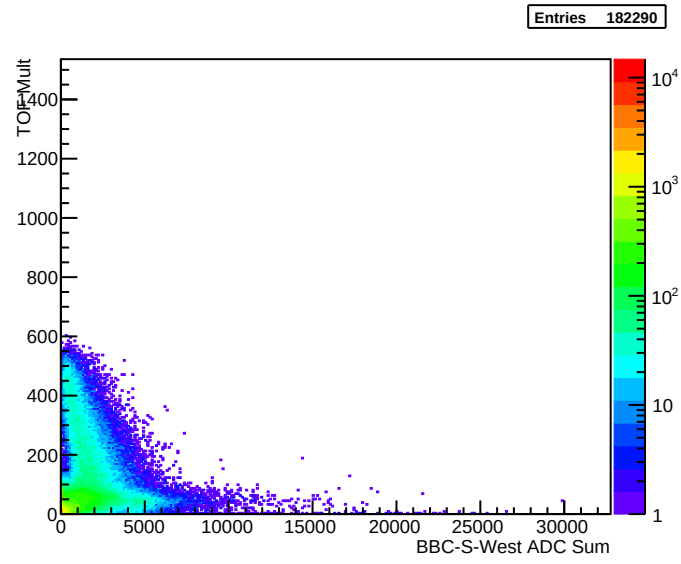

VT201 Input Ch4: VPD Tac Diff
Entries 182290
Tac

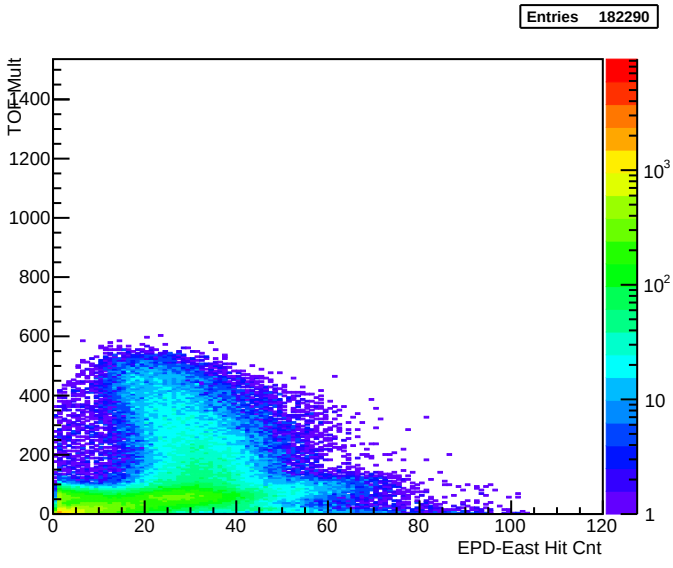

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

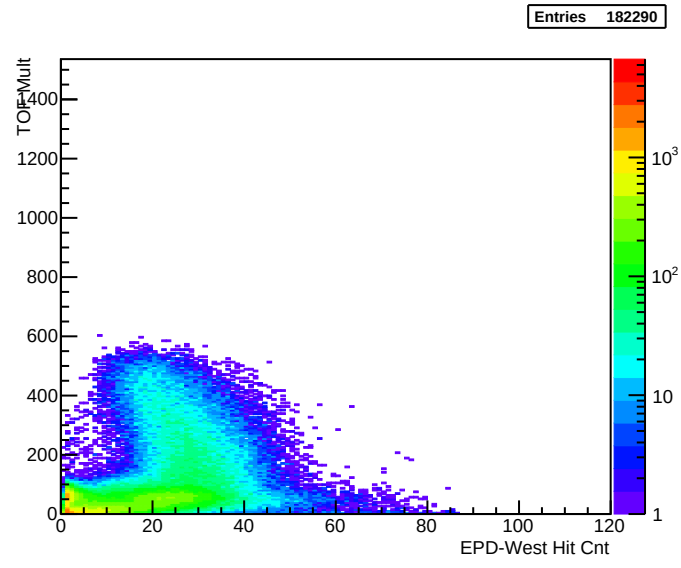

VT201 Input Ch4: VPD Adc Sum Th
Entries 364580
136105
129854
46185
52436
East
West

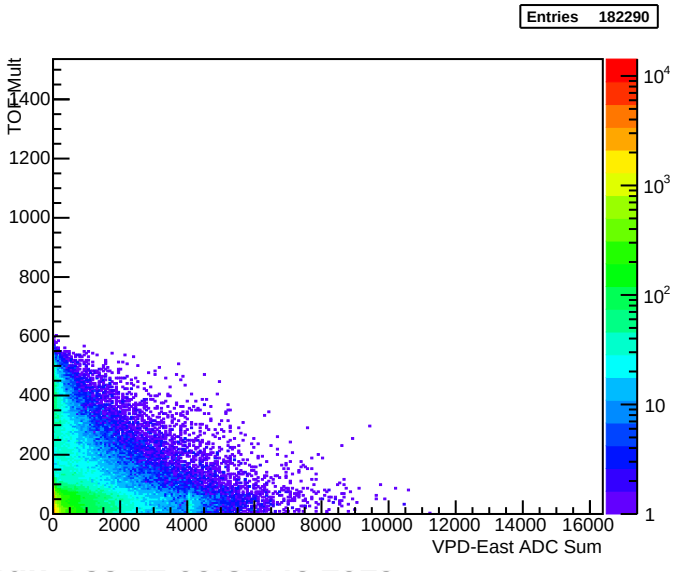

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

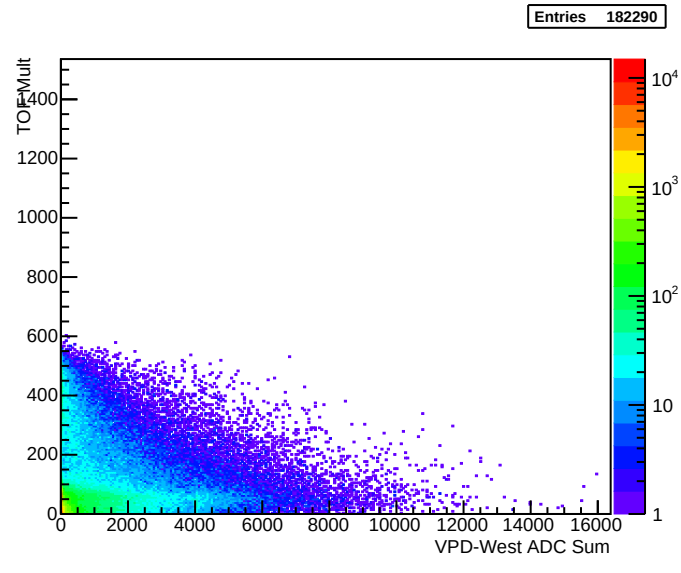

Entries 182290
TOF-Mult
BBC-S-East ADC Sum

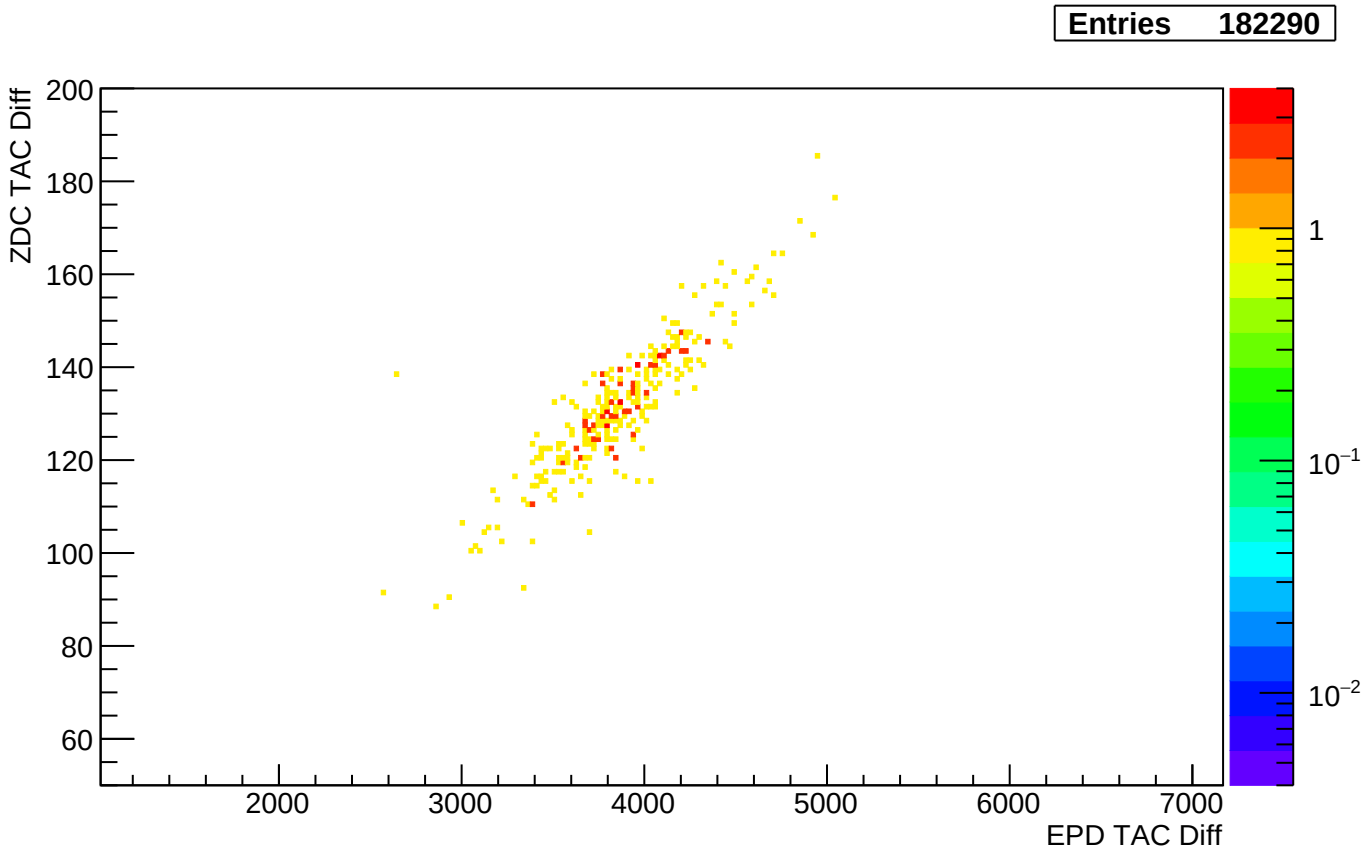

Entries 182290
TOF-Mult
BBC-S-West ADC Sum

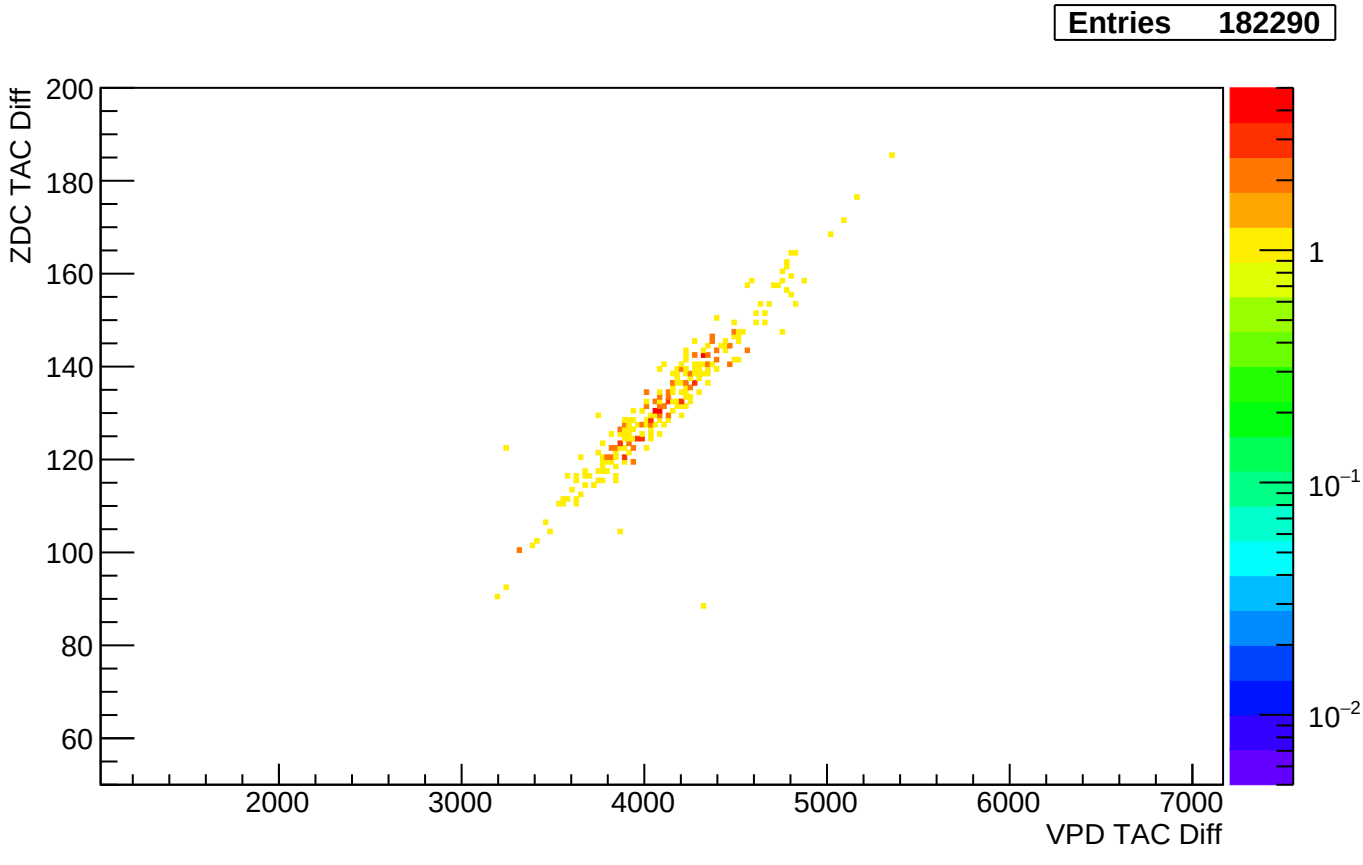

Entries 182290
TOF-Mult
EPD-East Hit Cnt

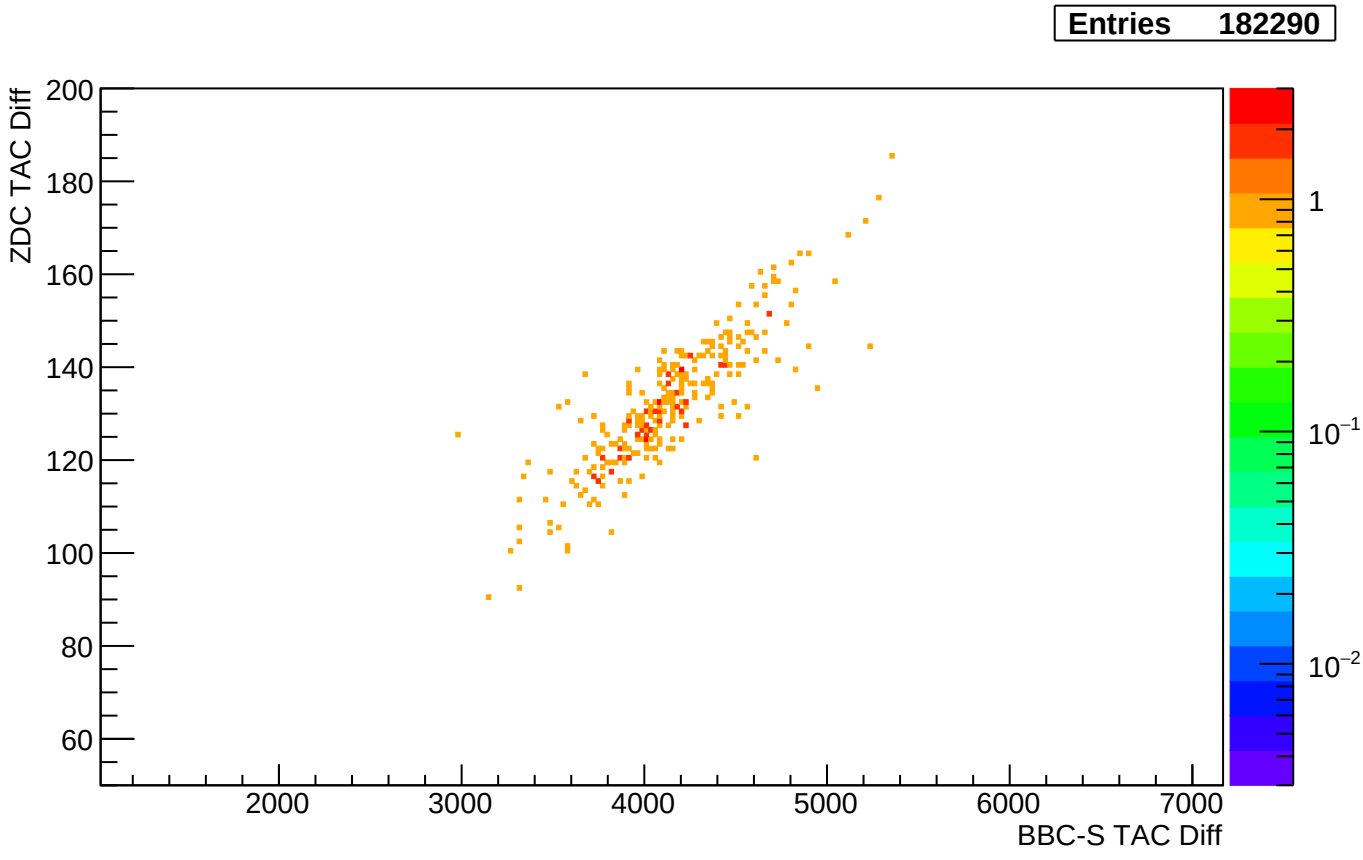

Entries 182290
TOF-Mult
EPD-West Hit Cnt

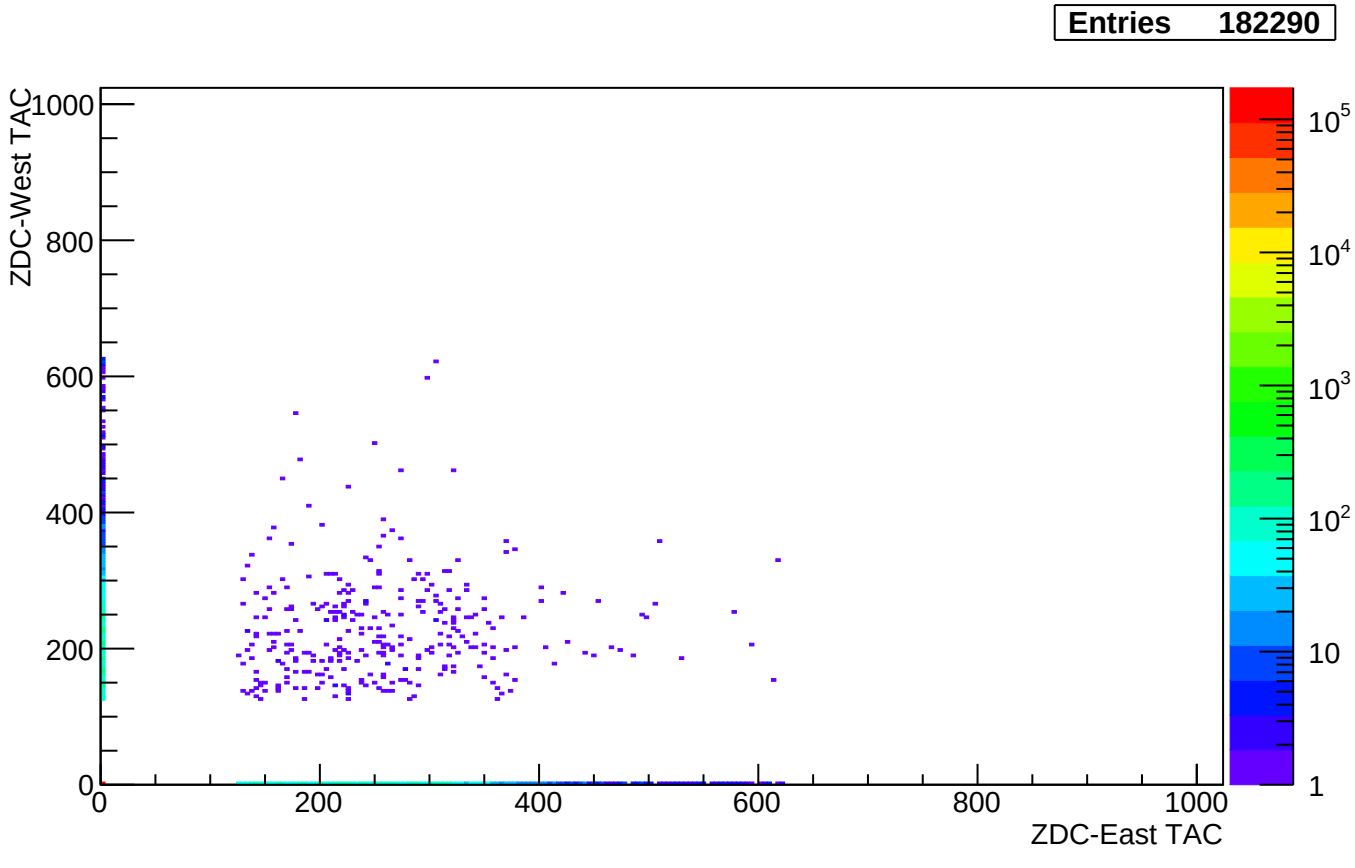

Entries 182290
TOF-Mult
VPD-East ADC Sum

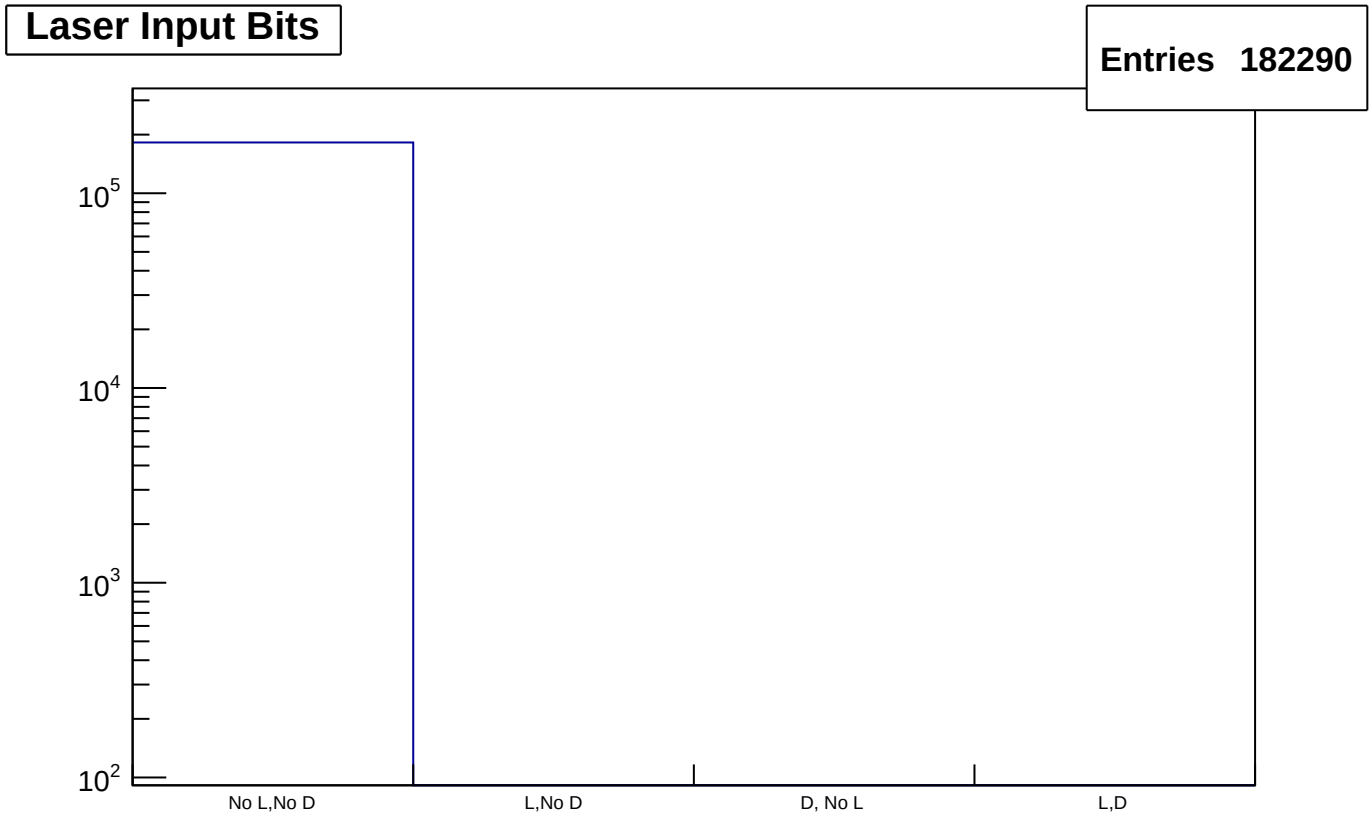

Entries 182290
TOF-Mult
VPD-West ADC Sum

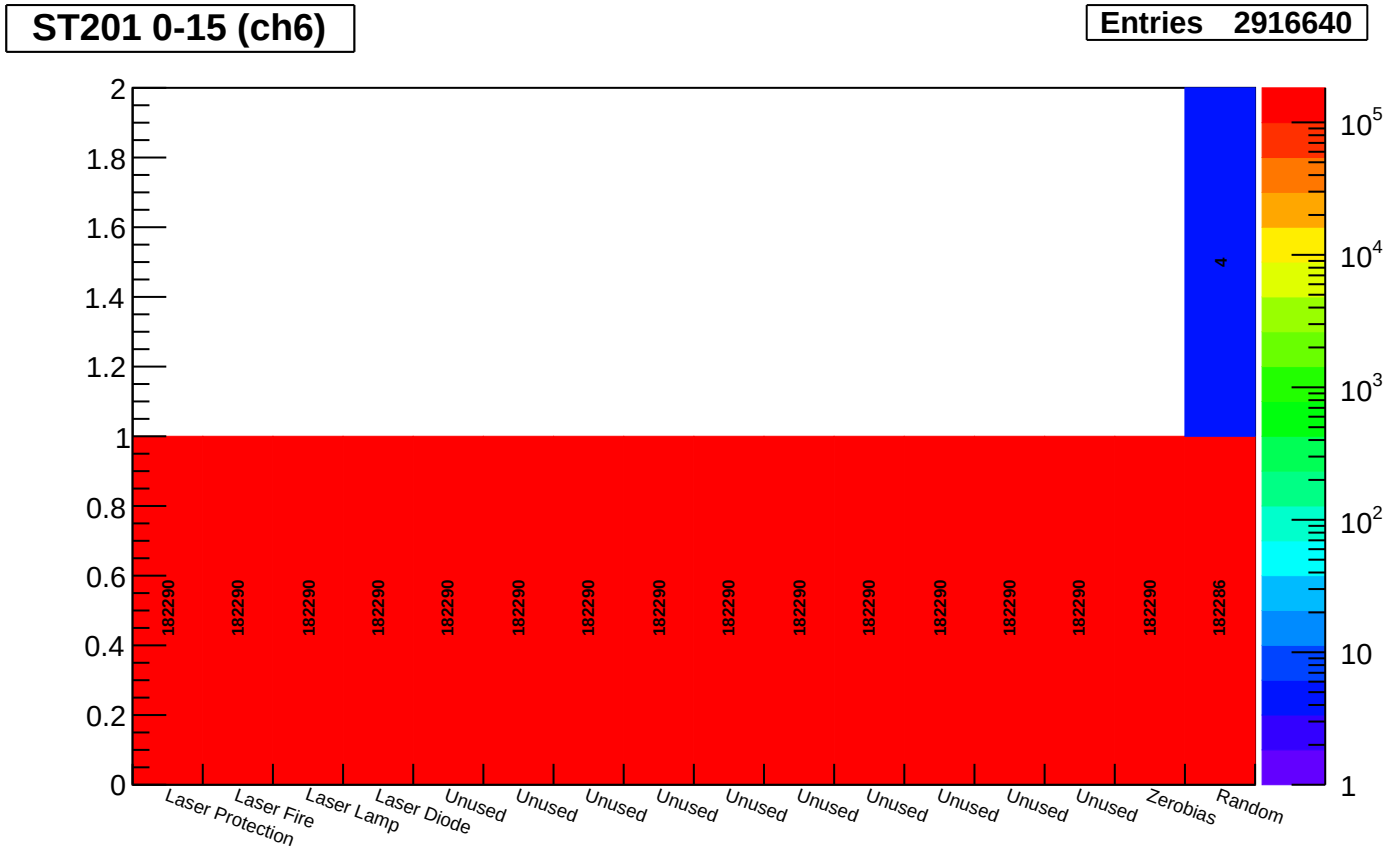

Entries 182290
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

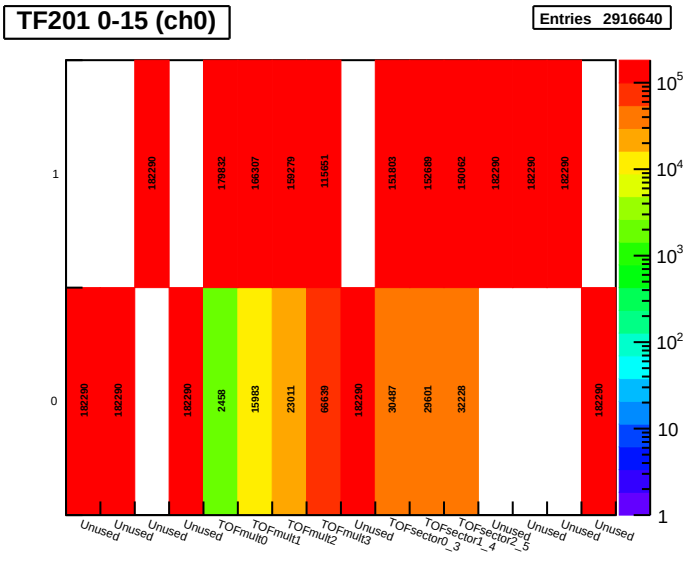

Entries 182290
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

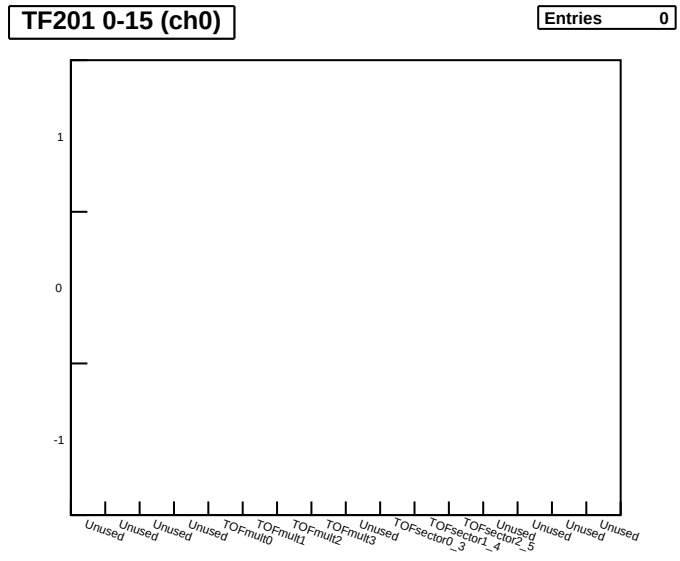

Entries 182290
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

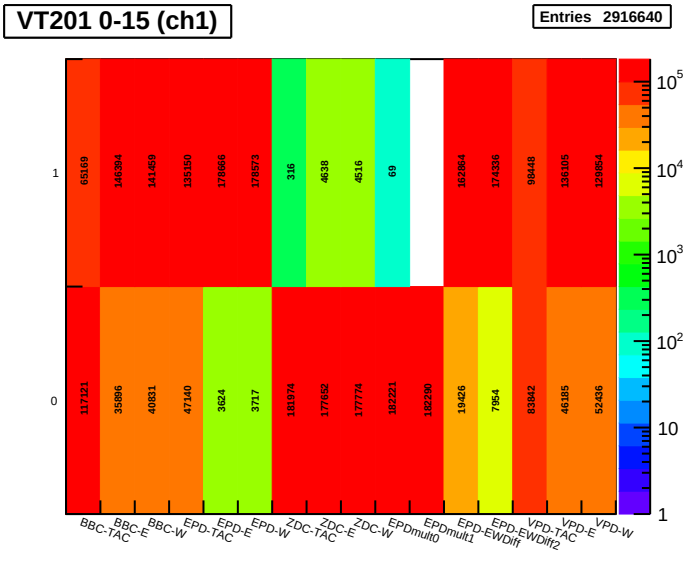

Entries 182290
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

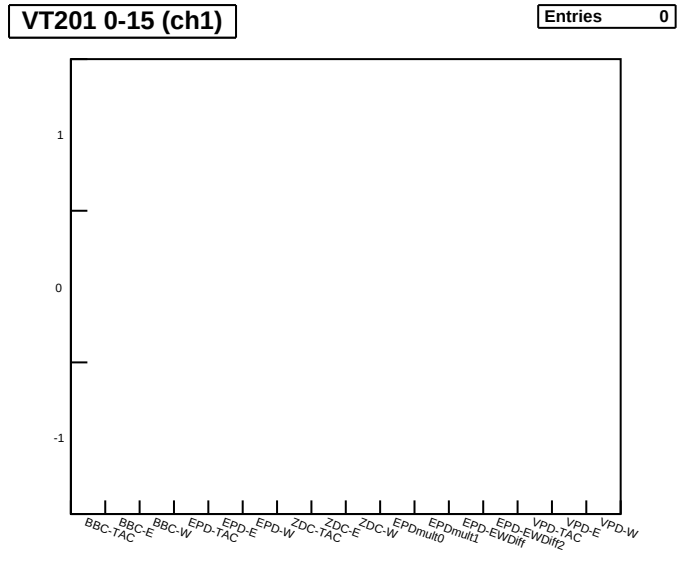

Laser Input Bits
Entries 182290
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

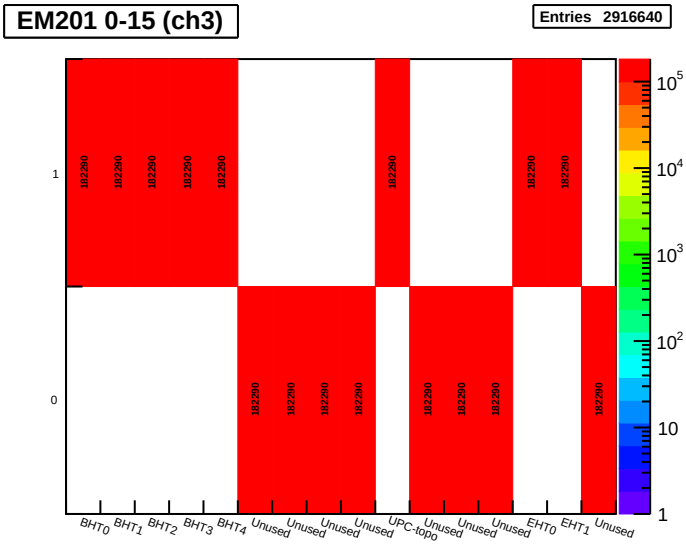

ST201 0-15 (ch6)
Entries 2916640
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
182290
182290
182290
182290
182290
182290
182290
182290
182290
182290
182290
182290
182290
182290
182290
182286
4
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

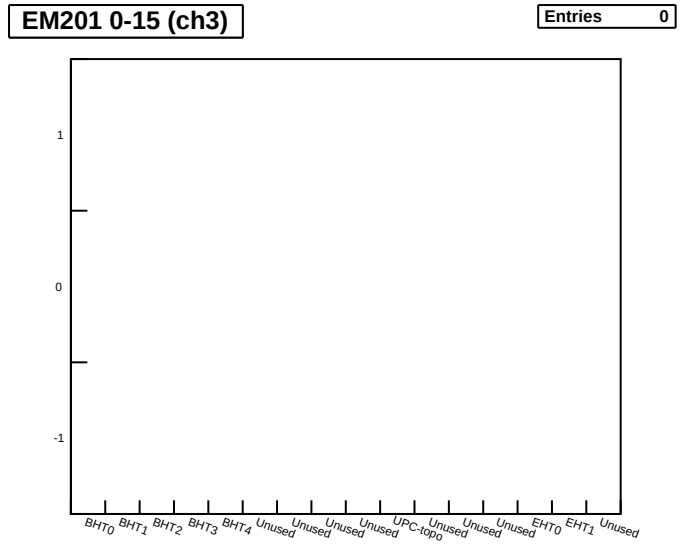

TF201 0-15 (ch0)
Entries 2916640
1
0
182290 182290 182290 182290 182290 182290 182290 182290 182290 182290 182290 182290 182290 182290 182290 182290
170832 166307 159279 115651 151803 152689 150062 182290 182290 182290
2458 15983 23011 66639 30487 29601 32228
Unused Unused Unused Unused TOFmult0 TOFmult1 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 2916640
1
0
65169 146394 141459 135150 178666 178573 316 4638 4516 69 162864 174336 98448 136105 129854
117121 35896 40831 47140 3624 3717 181974 177652 177774 182221 182290 19426 7954 83842 46185 52436
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 2916640
1
0
182290 182290 182290 182290 182290 182290 182290 182290 182290
182290 182290 182290 182290 182290 182290 182290 182290
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