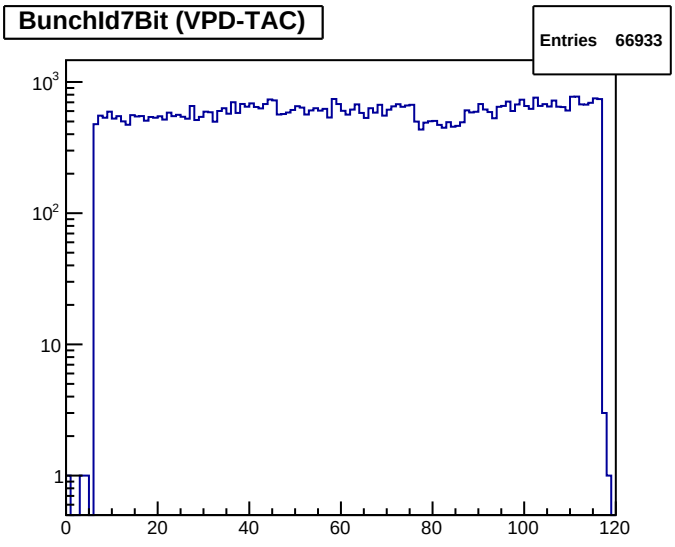
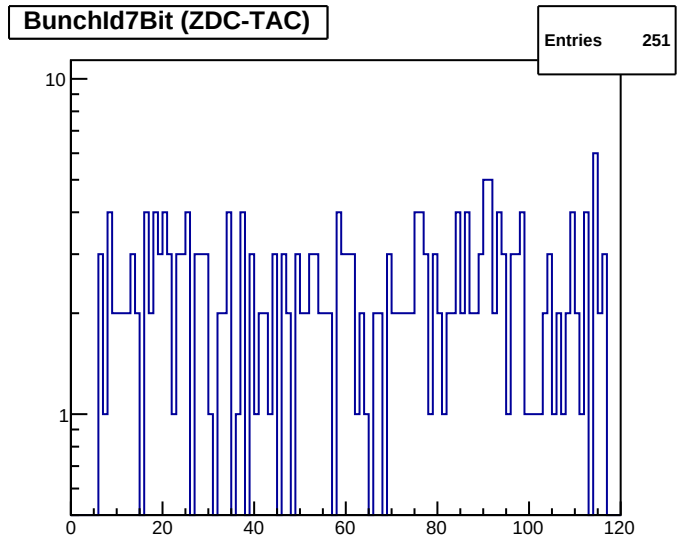
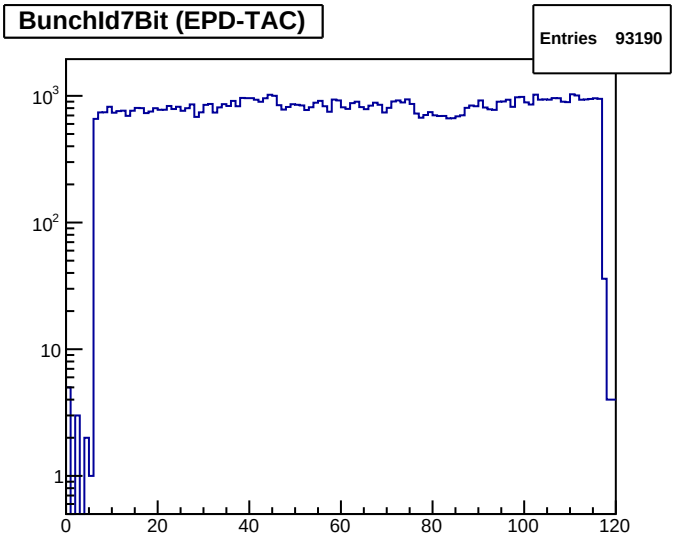
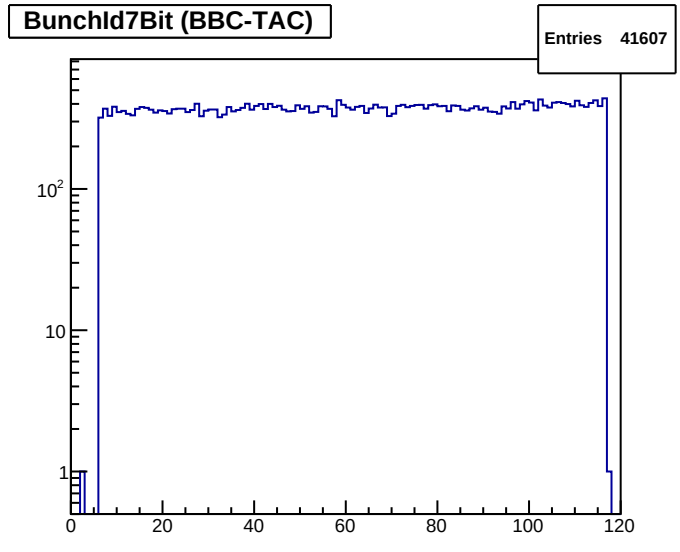
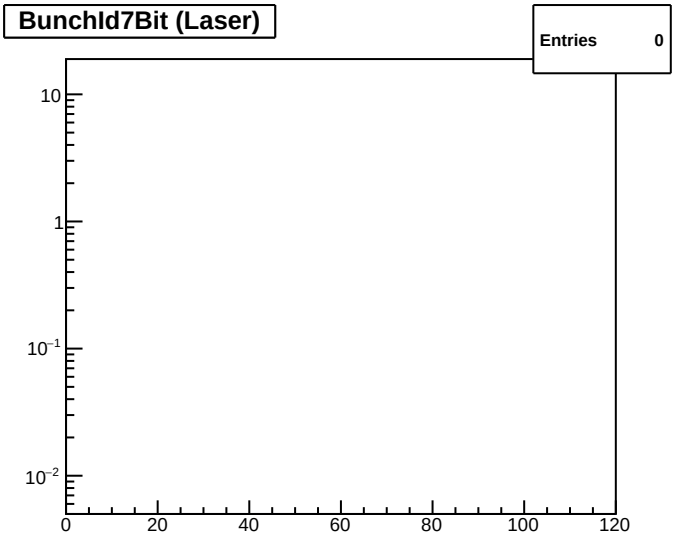
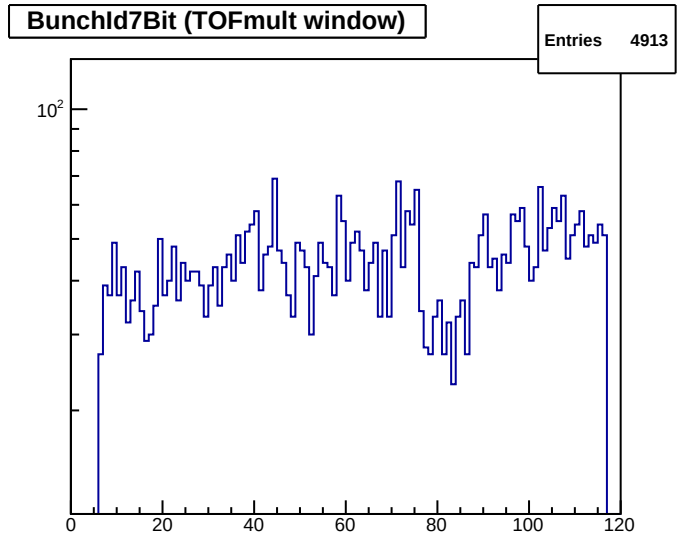

BunchId7Bit (VPD-TAC)
Entries 66933

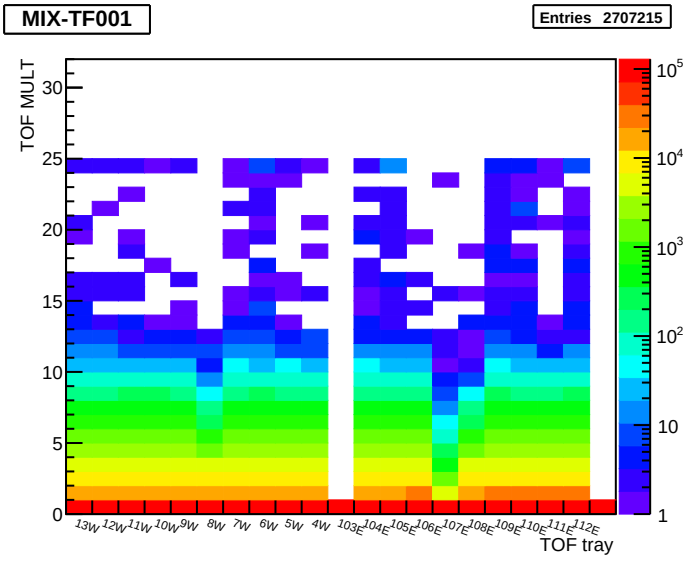

BunchId7Bit (ZDC-TAC)
Entries 251

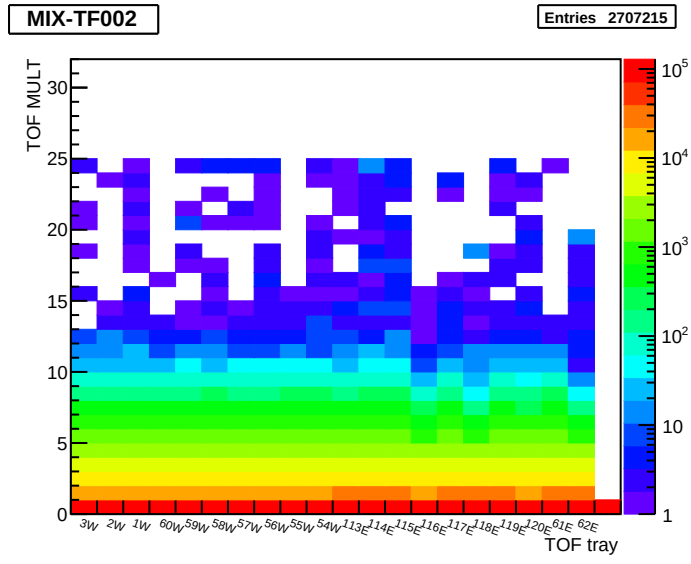

BunchId7Bit (EPD-TAC)
Entries 93190

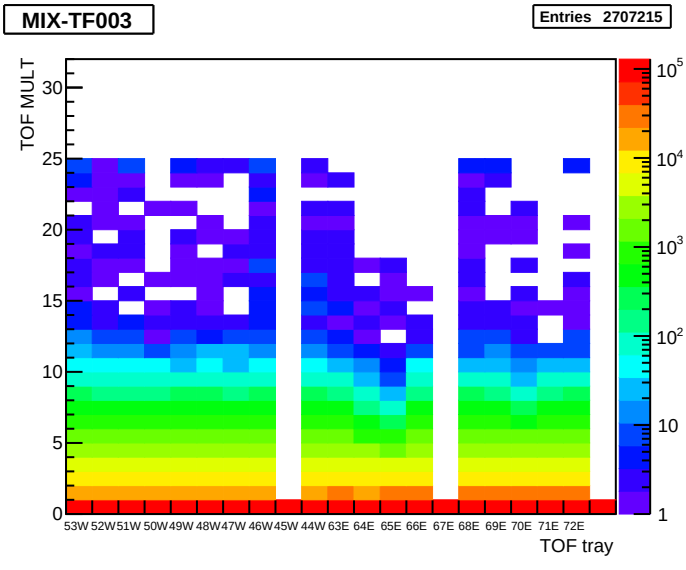

BunchId7Bit (BBC-TAC)
Entries 41607

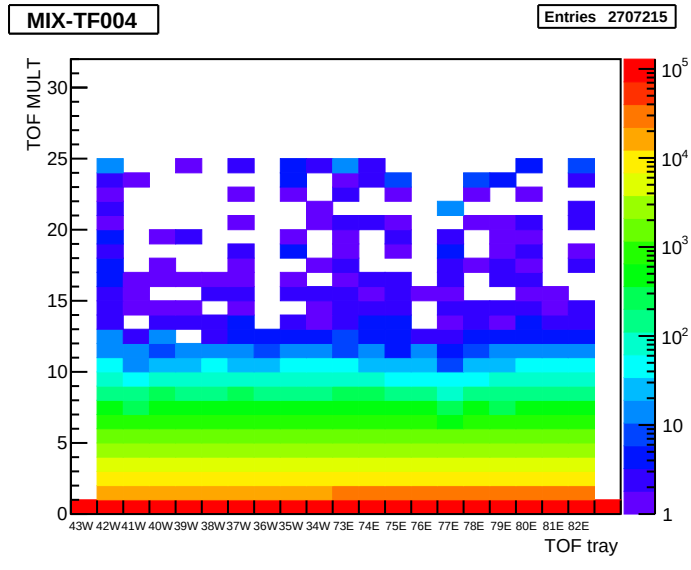

BunchId7Bit (Laser)
Entries 0

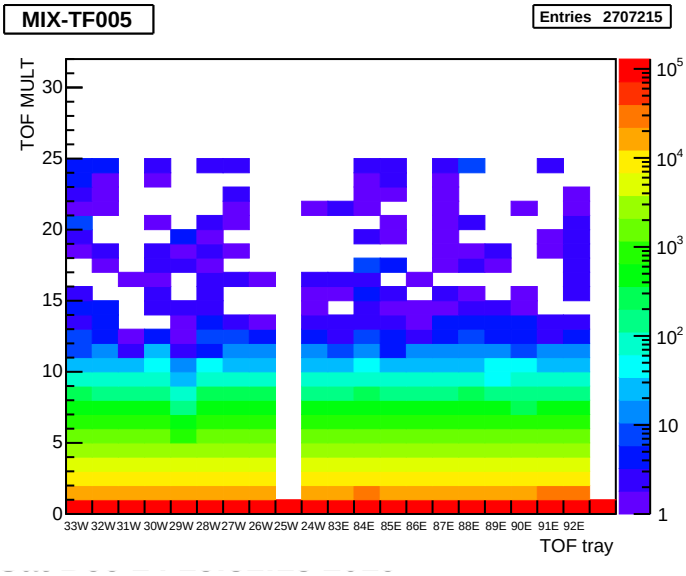

BunchId7Bit (TOFmult window)
Entries 4913

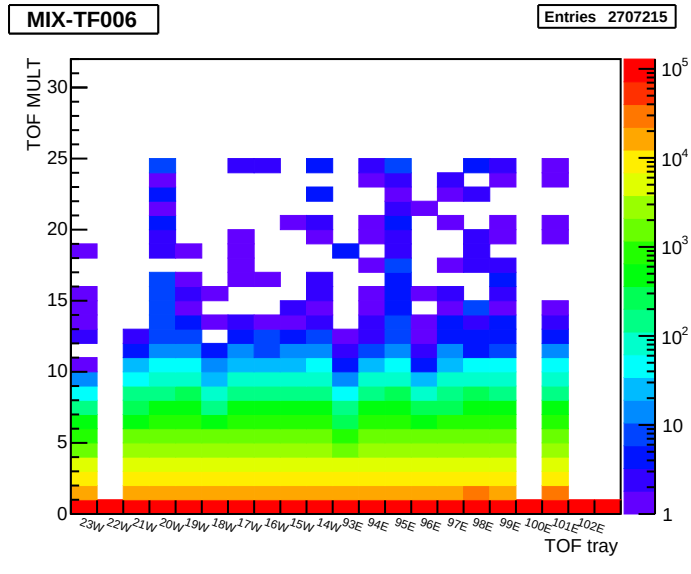

MIX-TF001
Entries 2707215
TOF MULT
TOF tray

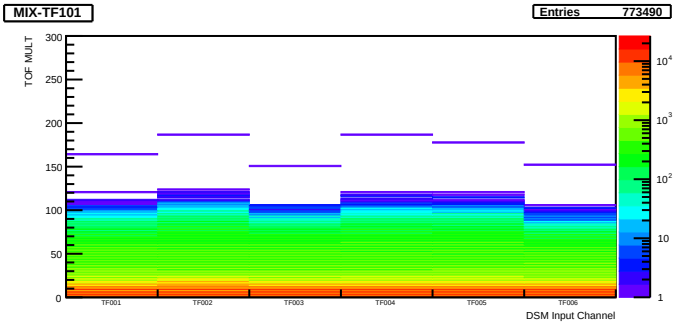

MIX-TF002
Entries 2707215
TOF MULT
TOF tray

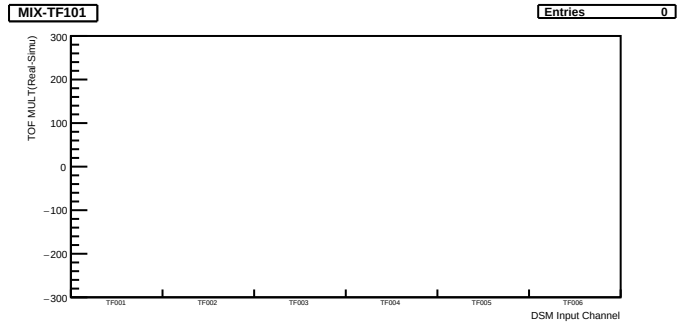

MIX-TF003
Entries 2707215
TOF MULT
TOF tray

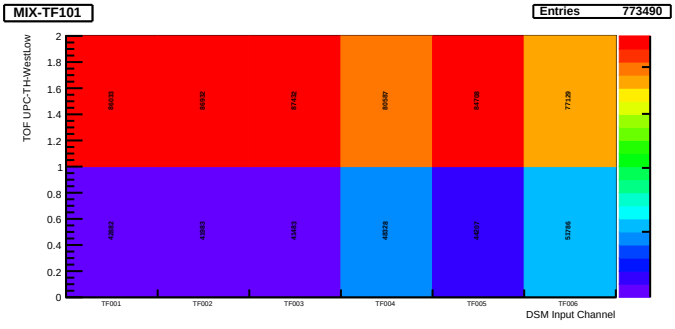

MIX-TF004
Entries 2707215
TOF MULT
TOF tray

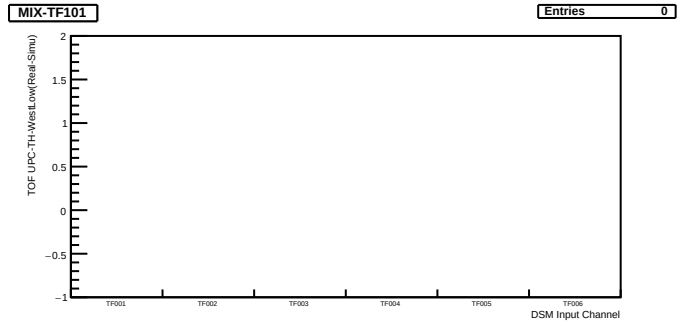

MIX-TF005
Entries 2707215
TOF MULT
TOF tray

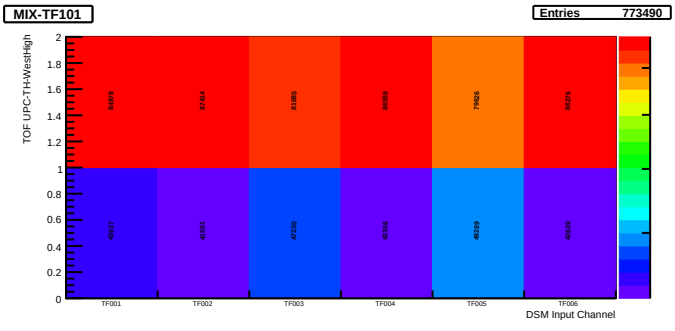

MIX-TF006
Entries 2707215
TOF MULT
TOF tray

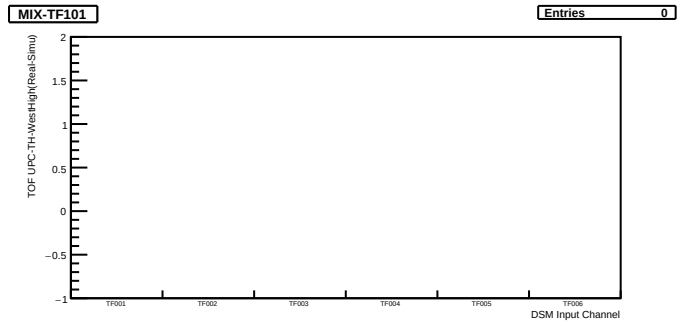

MIX-TF101
Entries 773490
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

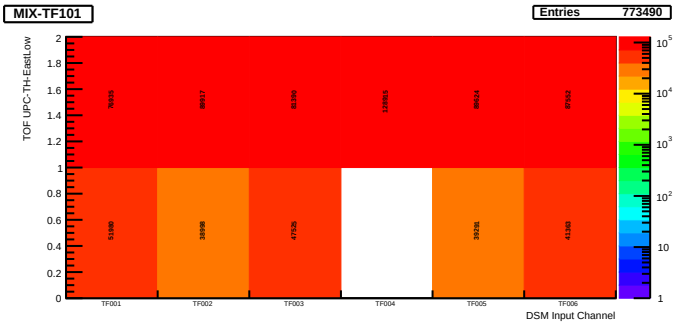

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

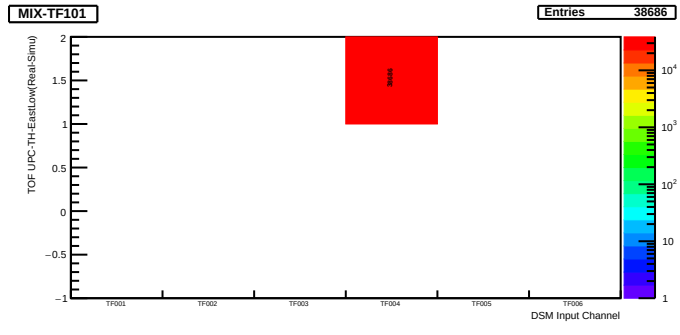

MIX-TF101
Entries 773490
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

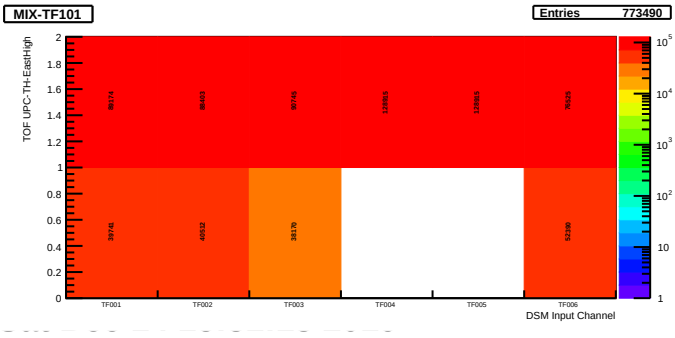

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

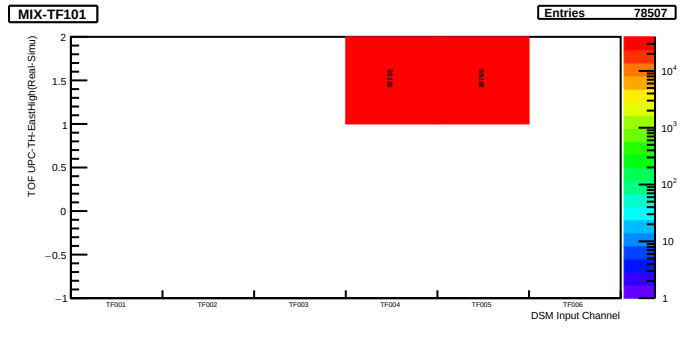

MIX-TF101
Entries 773490
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

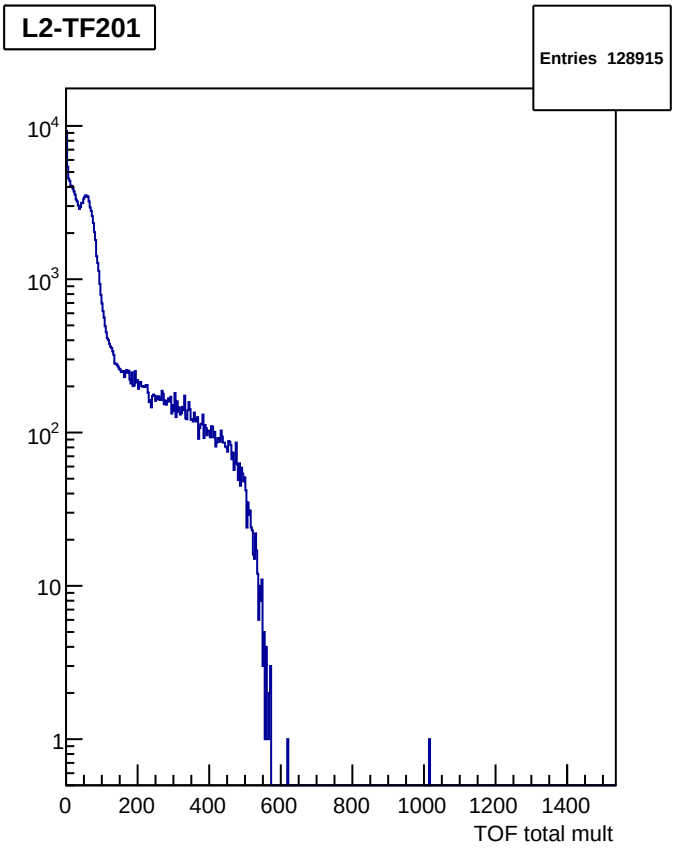

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

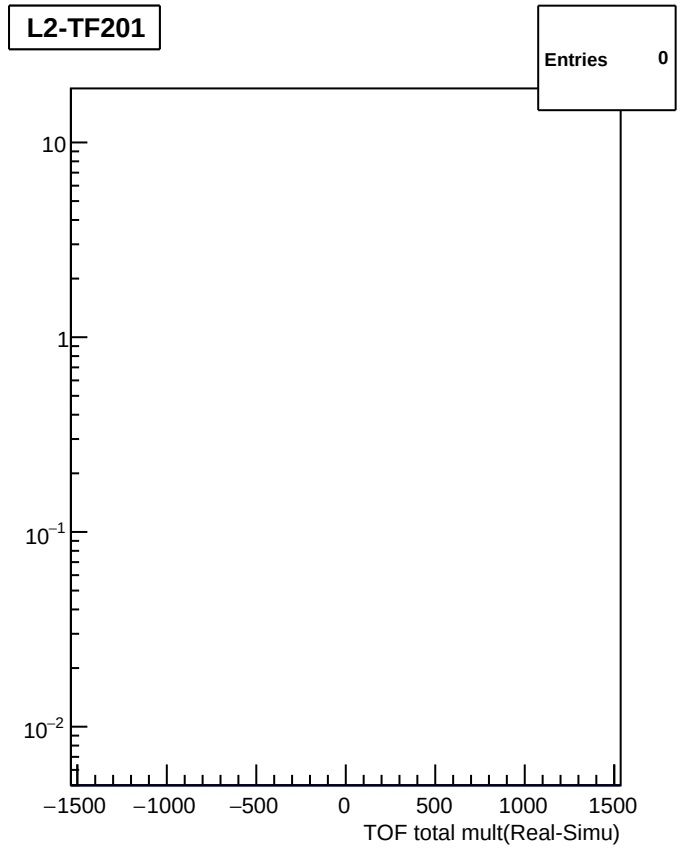

MIX-TF101
Entries 773490
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

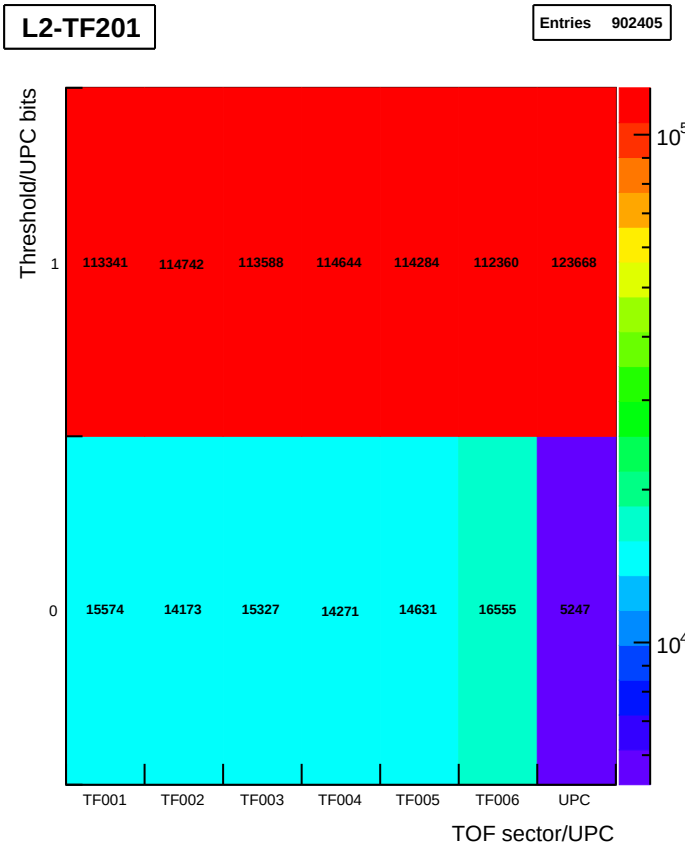

MIX-TF101
Entries 38686
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

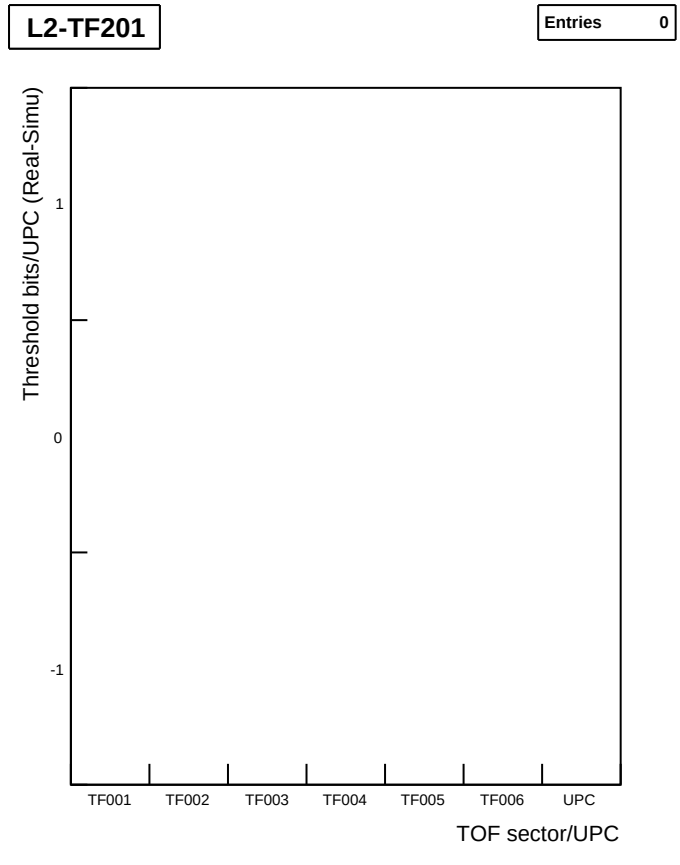

MIX-TF101
Entries 773490
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

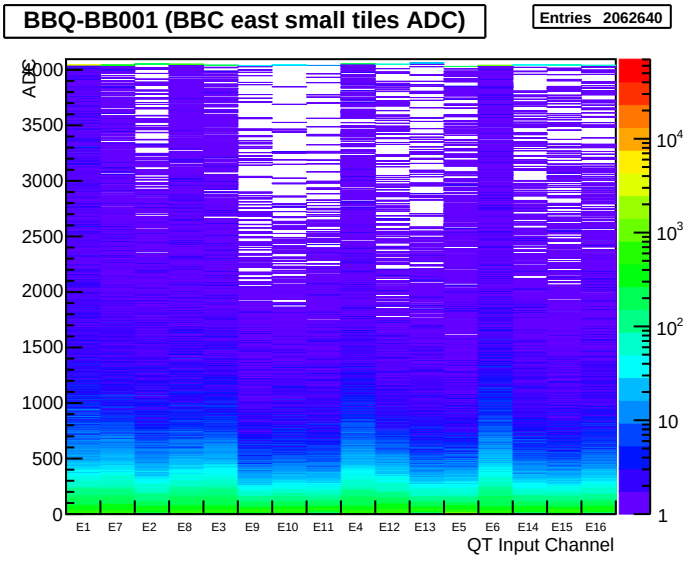

MIX-TF101
Entries 78507
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

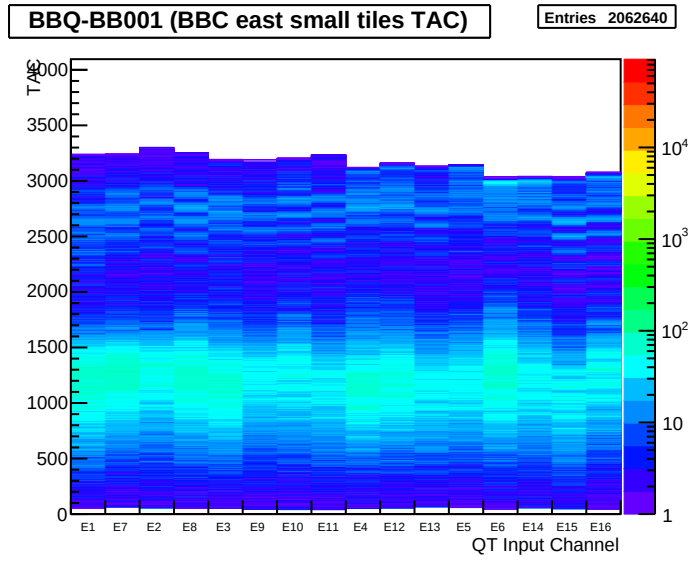

L2-TF201
Entries 128915
TOF total mult

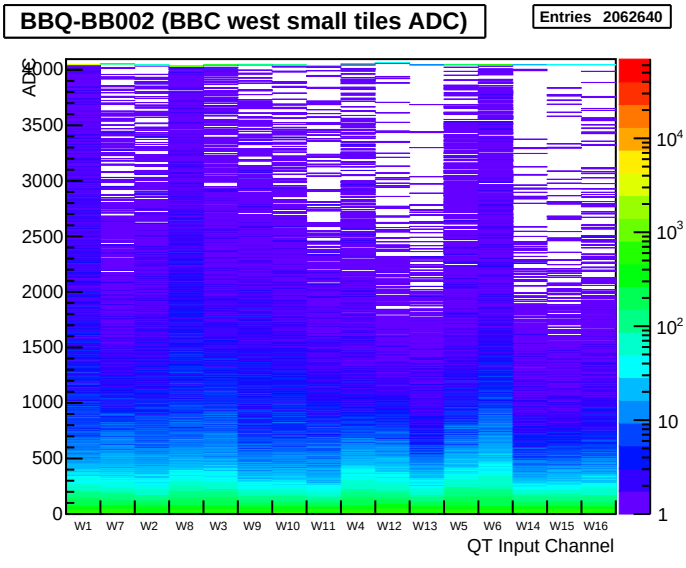

L2-TF201
Entries 0
TOF total mult(Real-Simu)

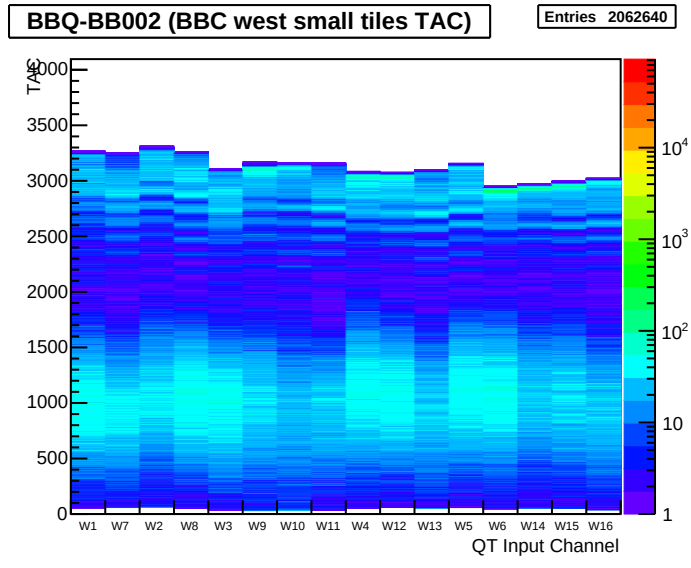

L2-TF201
Entries 902405
Threshold/UPC bits
113341
114742
113588
114644
114284
112360
123668
15574
14173
15327
14271
14631
16555
5247
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

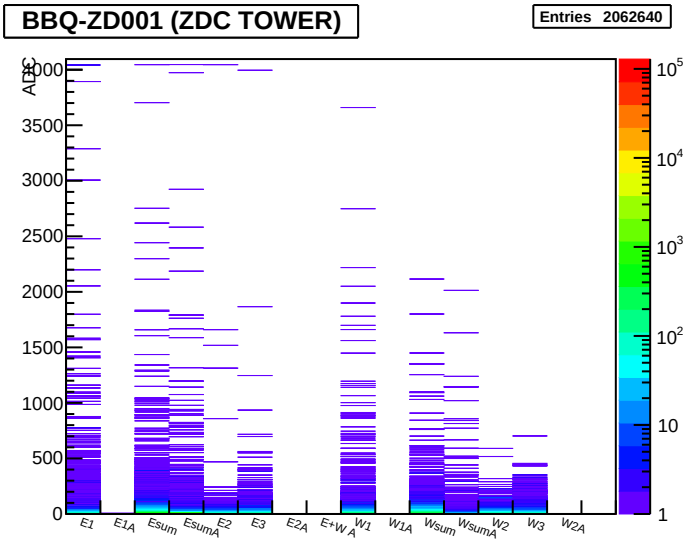

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

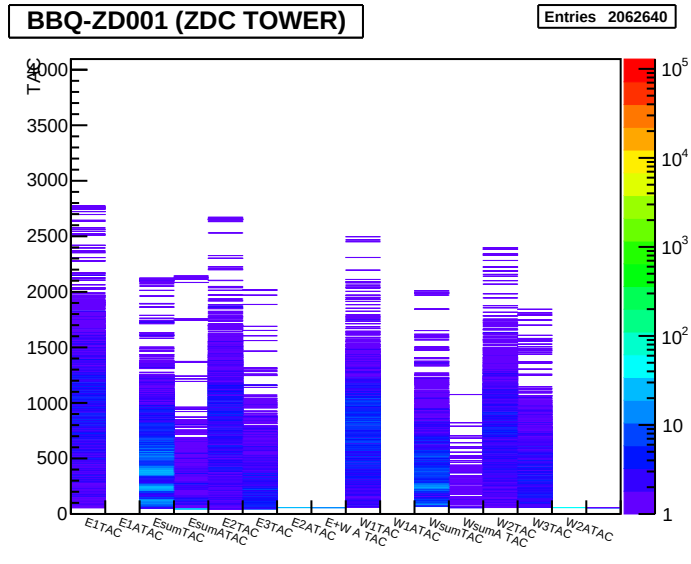

BBQ-BB001 (BBC east small tiles ADC)
Entries 2062640
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

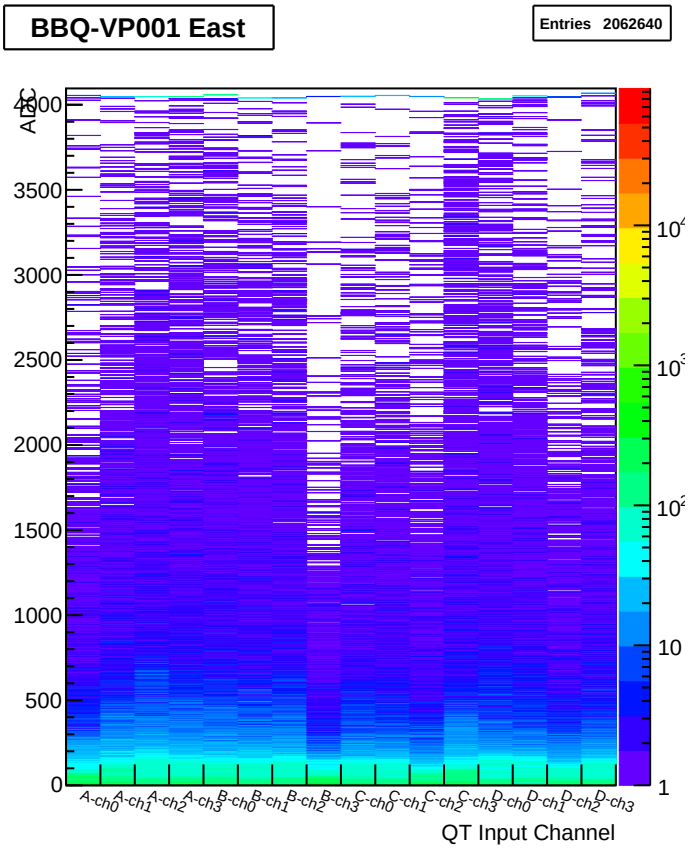

BBQ-BB001 (BBC east small tiles TAC)
Entries 2062640
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

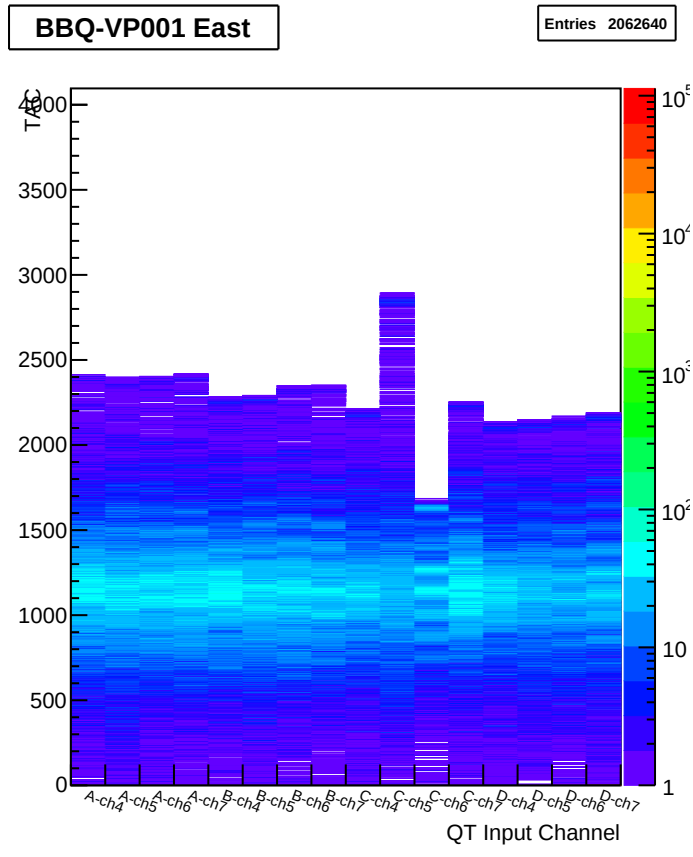

BBQ-BB002 (BBC west small tiles ADC)
Entries 2062640
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

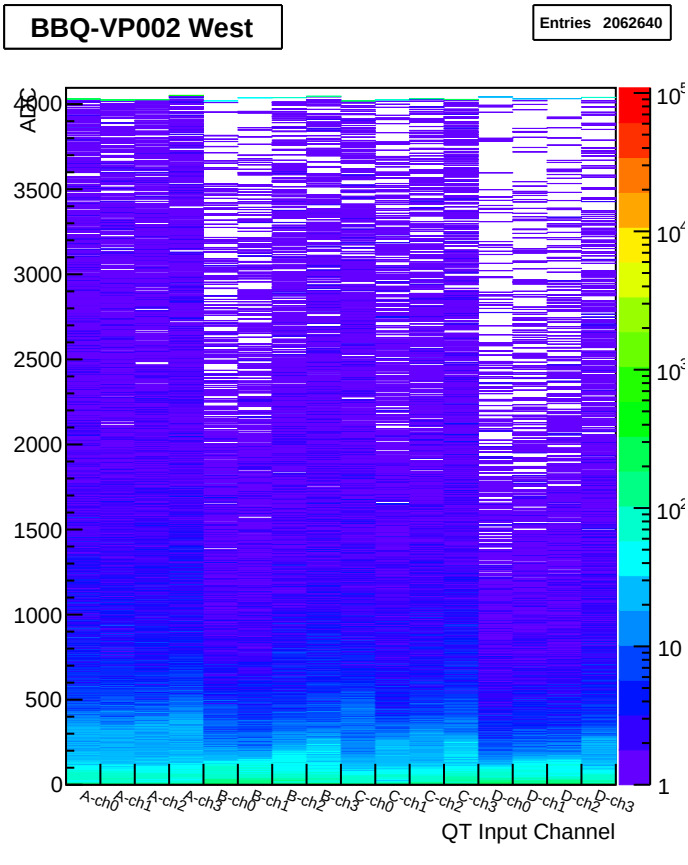

BBQ-BB002 (BBC west small tiles TAC)
Entries 2062640
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

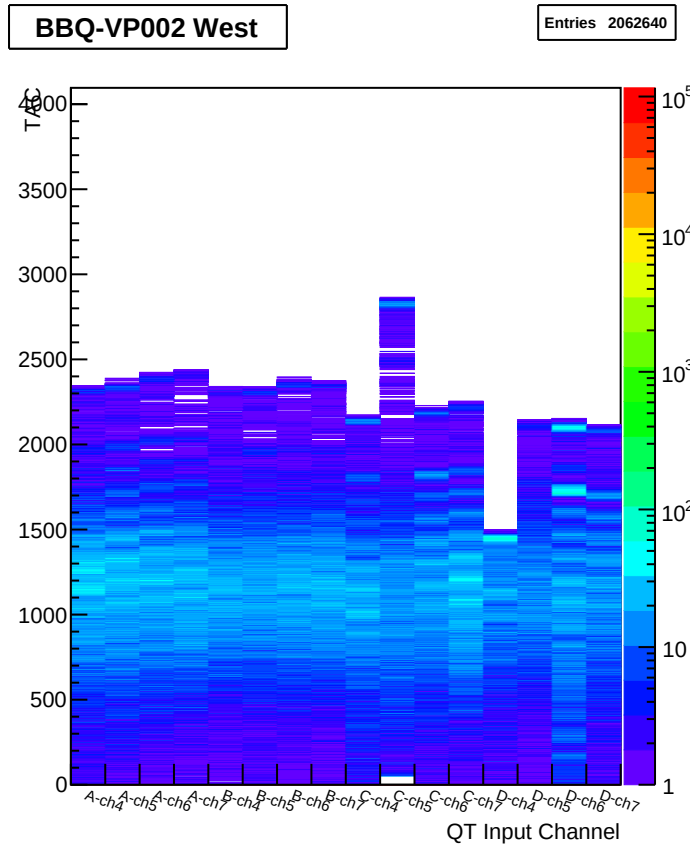

BBQ-ZD001 (ZDC TOWER)
Entries 2062640
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

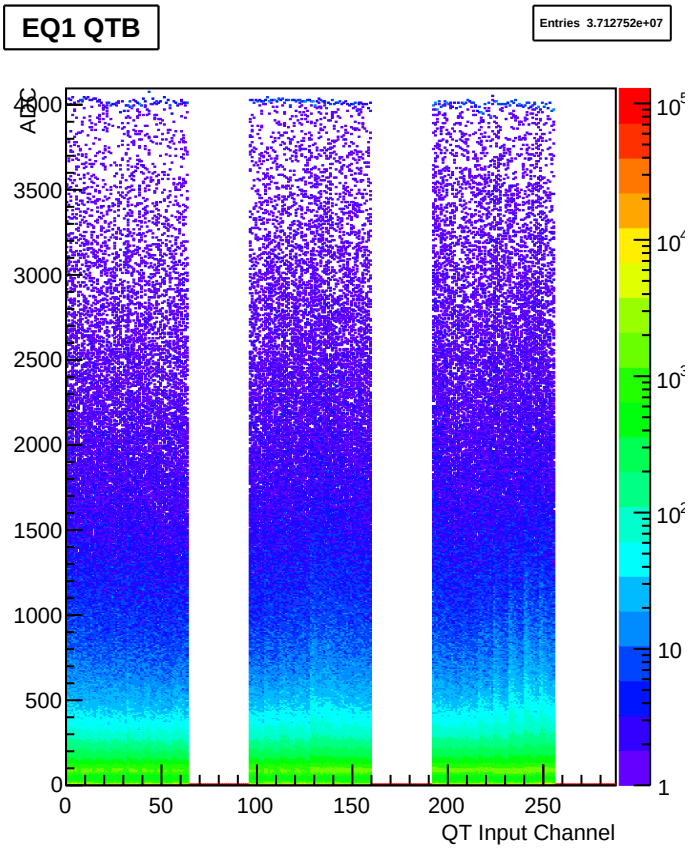

BBQ-ZD001 (ZDC TOWER)
Entries 2062640
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

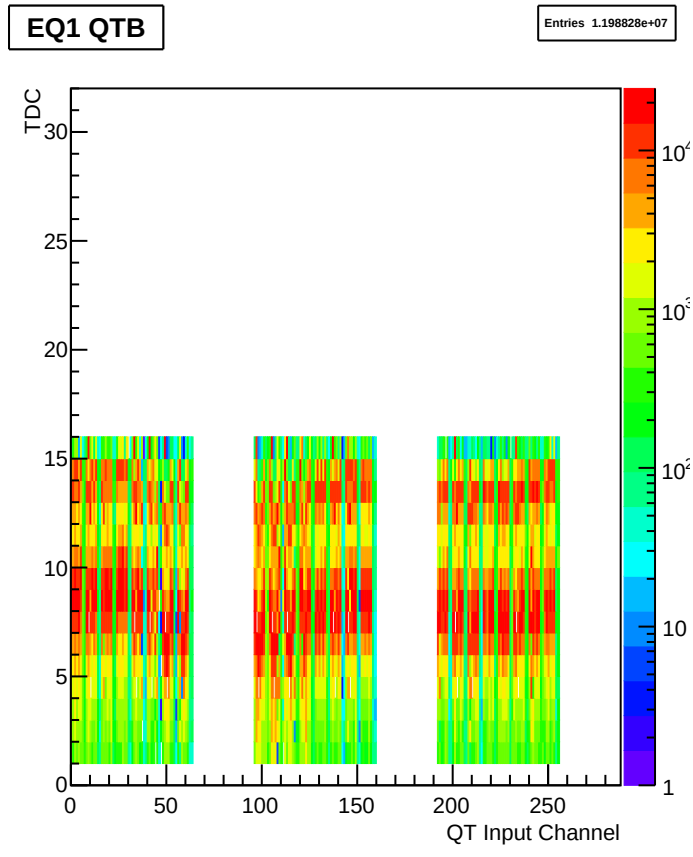

BBQ-VP001 East
Entries 2062640
ADC
QT Input Channel

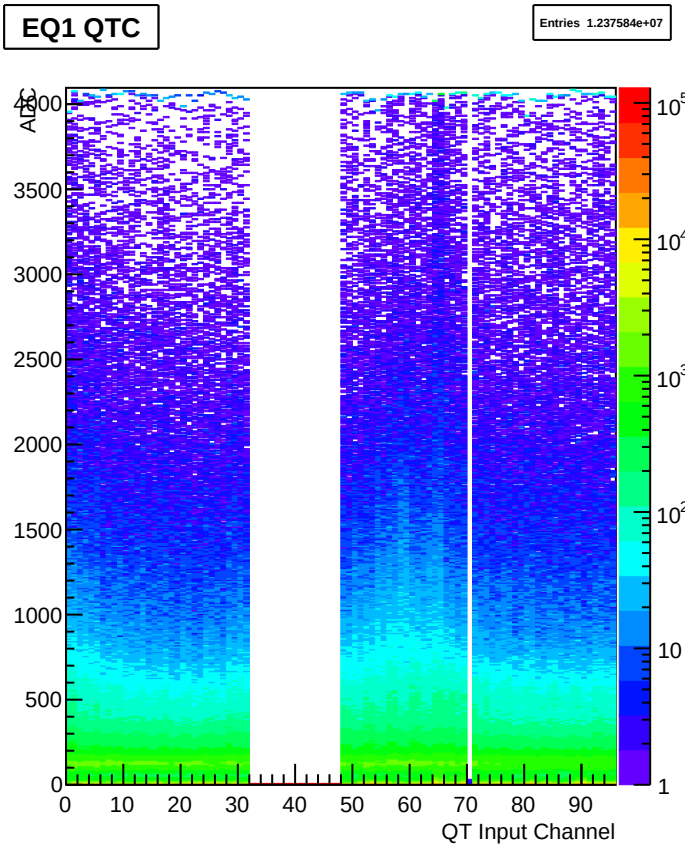

BBQ-VP001 East
Entries 2062640
TAC
QT Input Channel

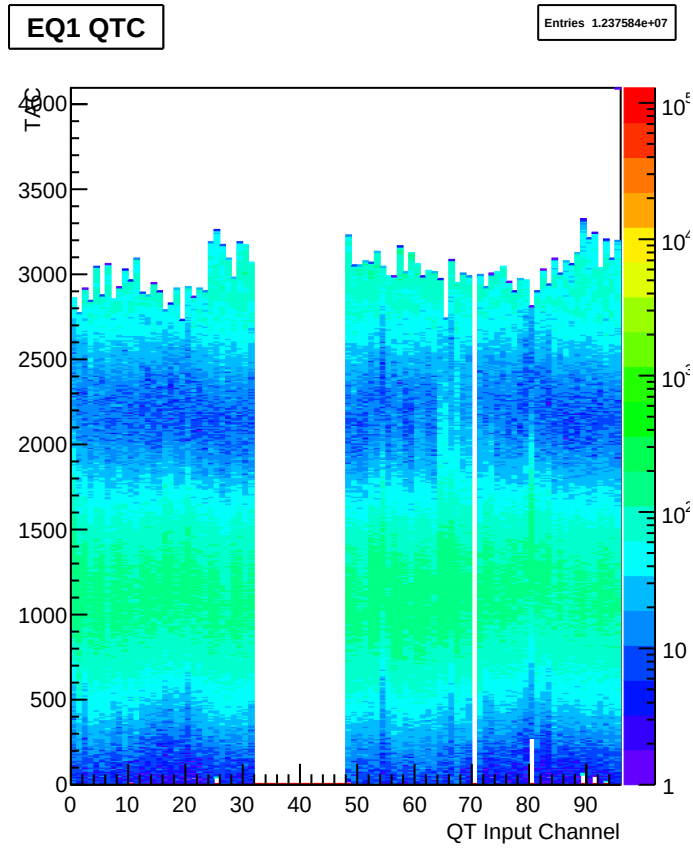

BBQ-VP002 West
Entries 2062640
ADC
QT Input Channel

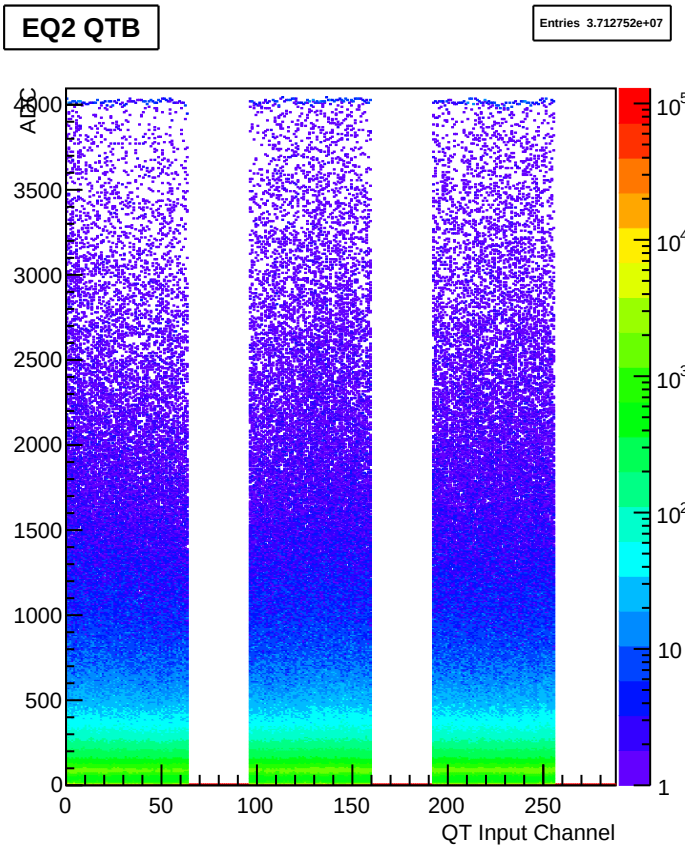

BBQ-VP002 West
Entries 2062640
TAC
QT Input Channel

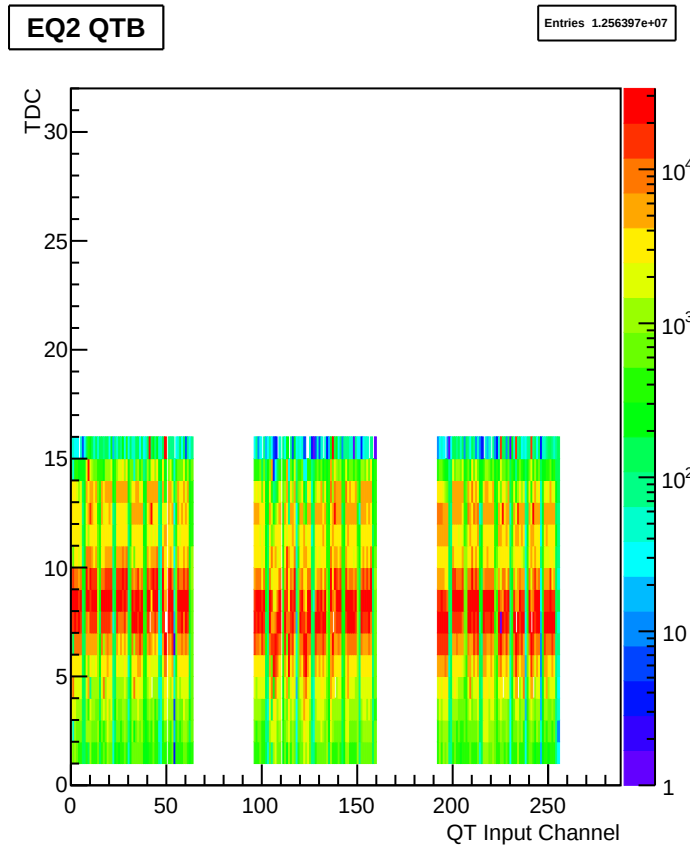

EQ1 QTB
Entries 3.712752e+07
ADC
QT Input Channel

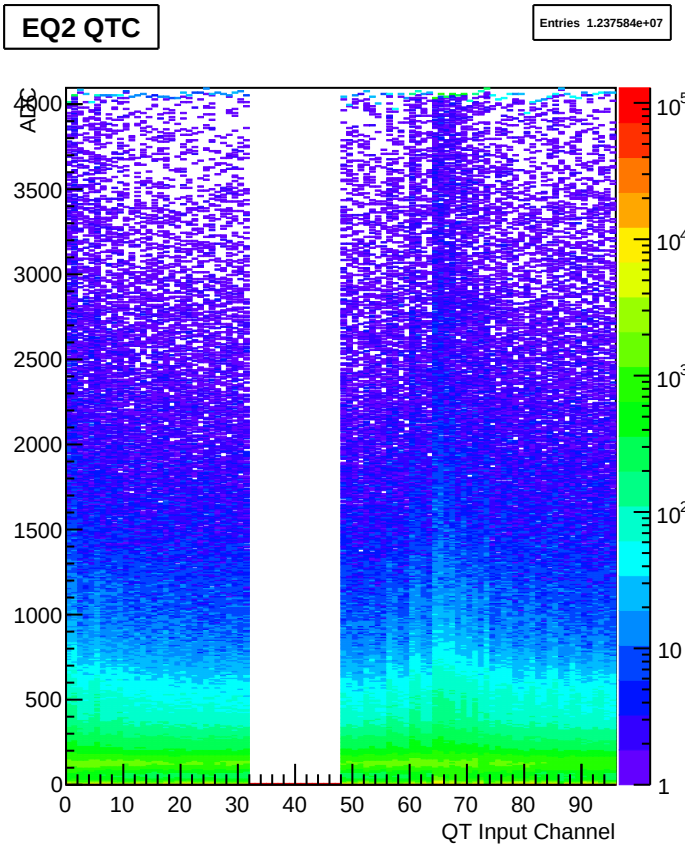

EQ1 QTB
Entries 1.198828e+07
TDC
QT Input Channel

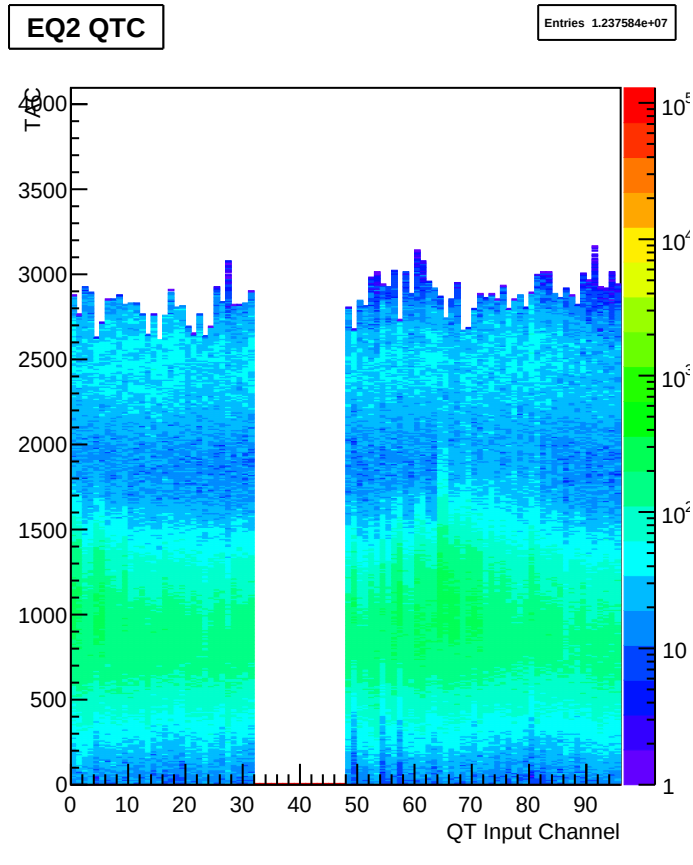

EQ1 QTC
Entries 1.237584e+07
ADC
QT Input Channel

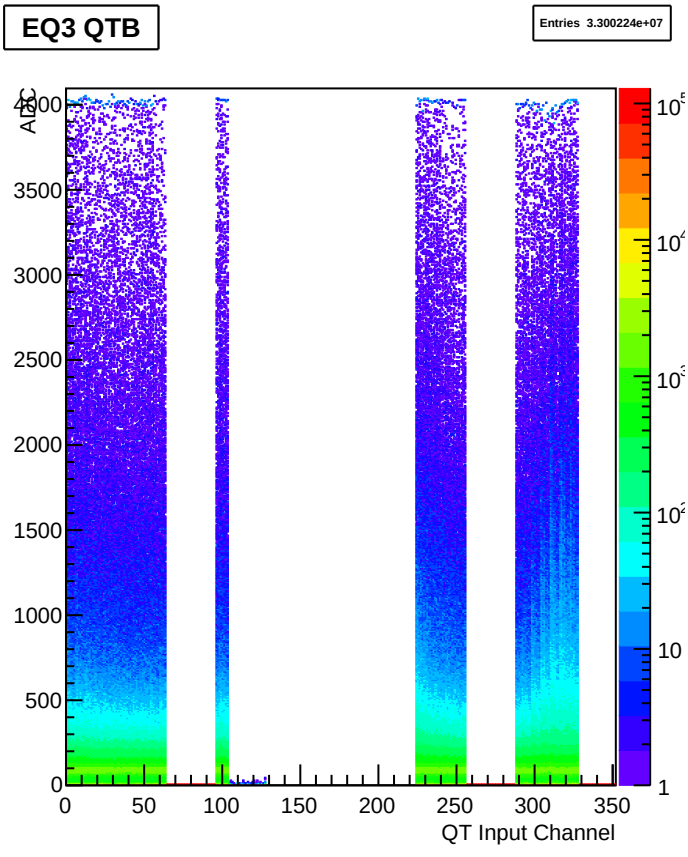

EQ1 QTC
Entries 1.237584e+07
TADC
QT Input Channel

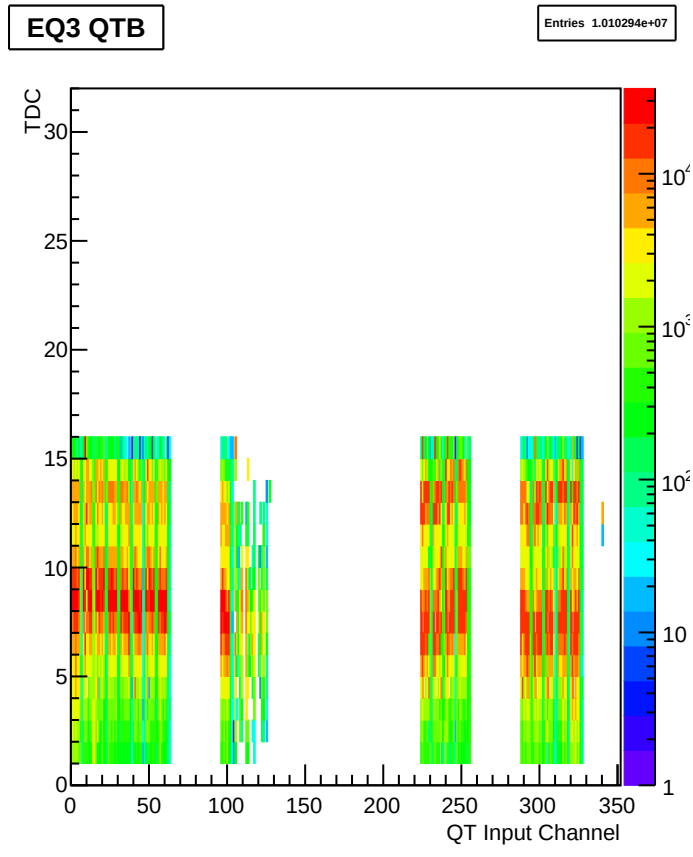

EQ2 QTB
Entries 3.712752e+07
ADC
QT Input Channel

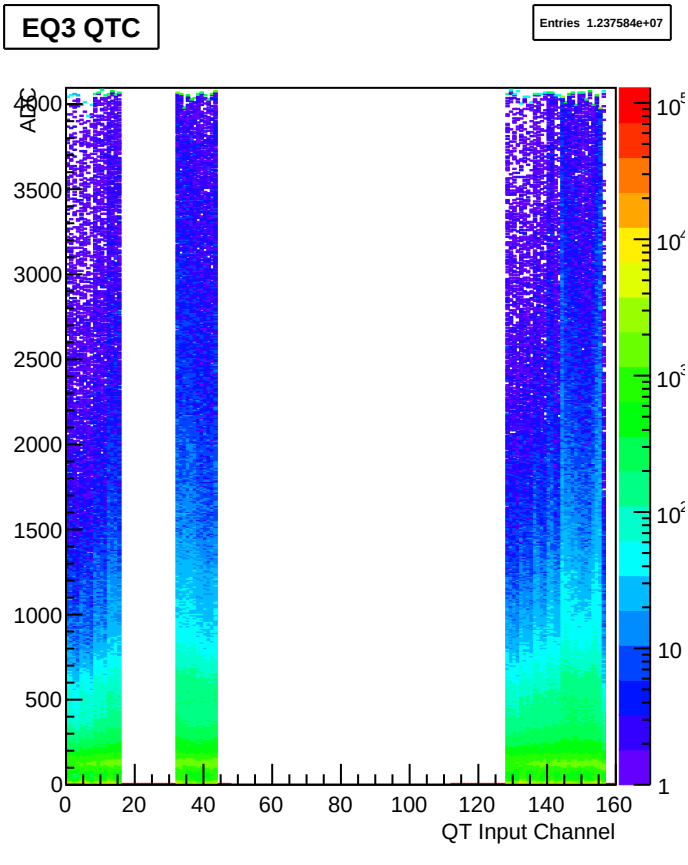

EQ2 QTB
Entries 1.256397e+07
TDC
QT Input Channel

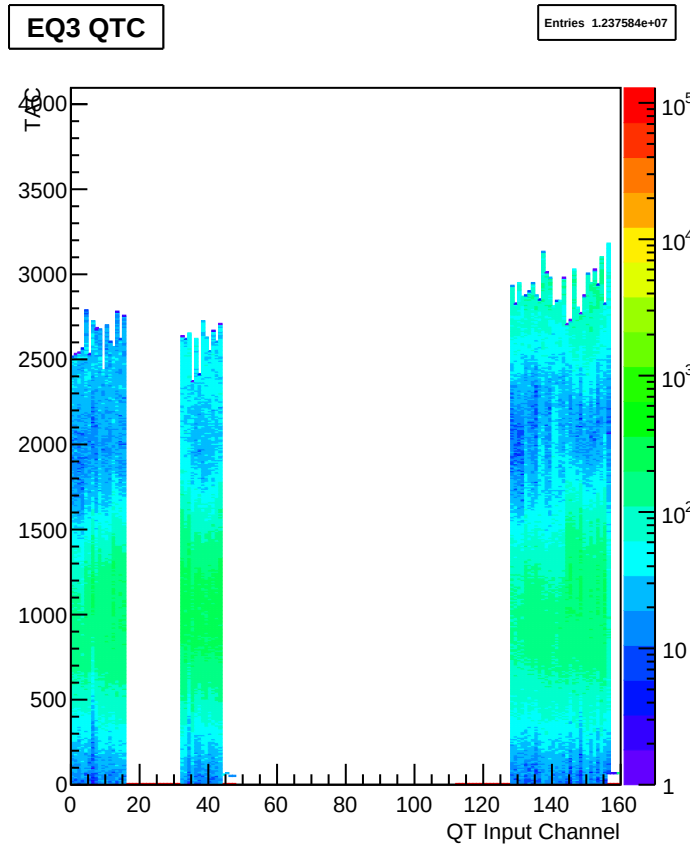

EQ2 QTC
Entries 1.237584e+07
ADC
QT Input Channel

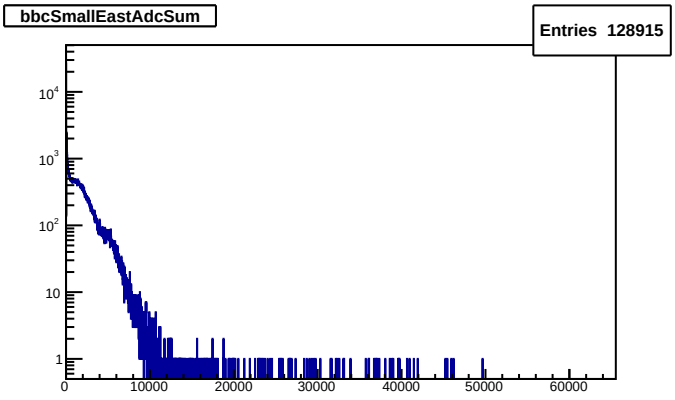

EQ2 QTC
Entries 1.237584e+07
TADC
QT Input Channel

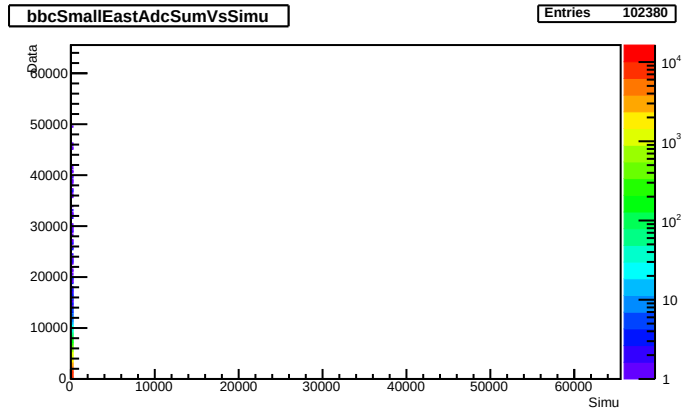

EQ3 QTB
Entries 3.300224e+07
ADC
QT Input Channel

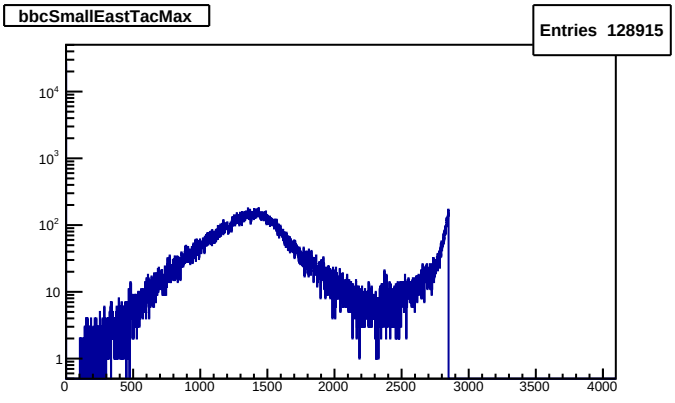

EQ3 QTB
Entries 1.010294e+07
TDC
QT Input Channel

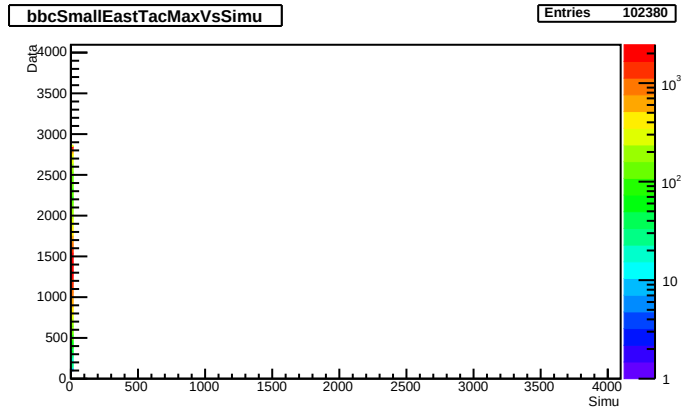

EQ3 QTC
Entries 1.237584e+07
ADC
QT Input Channel

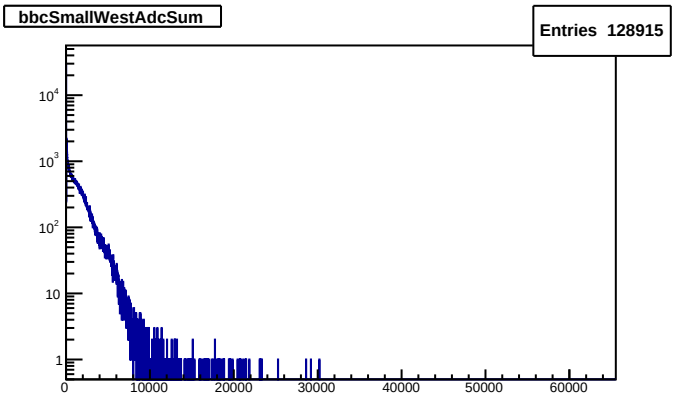

EQ3 QTC
Entries 1.237584e+07
TADC
QT Input Channel

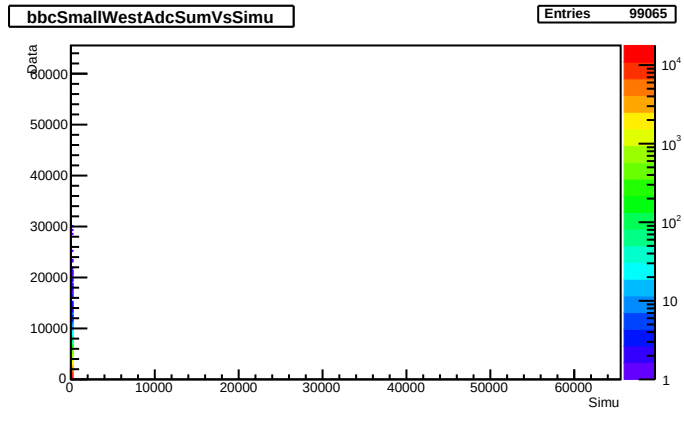

bbcSmallEastAdcSum
Entries 128915

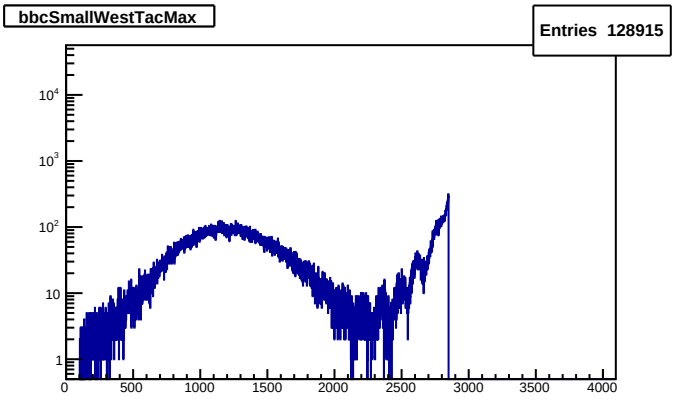

bbcSmallEastAdcSumVsSimu
Entries 102380
Data
Simu

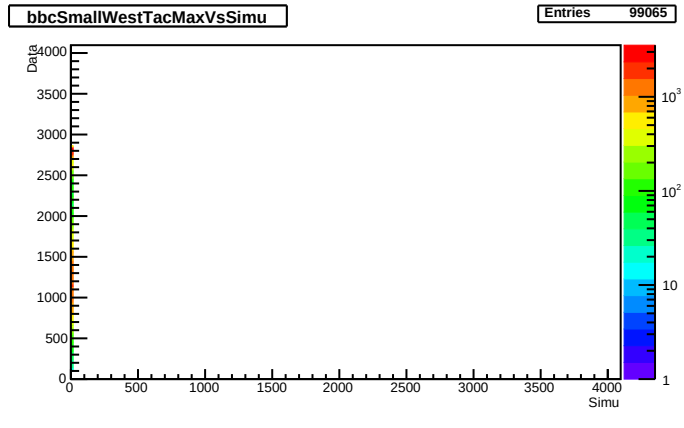

bbcSmallEastTacMax
Entries 128915

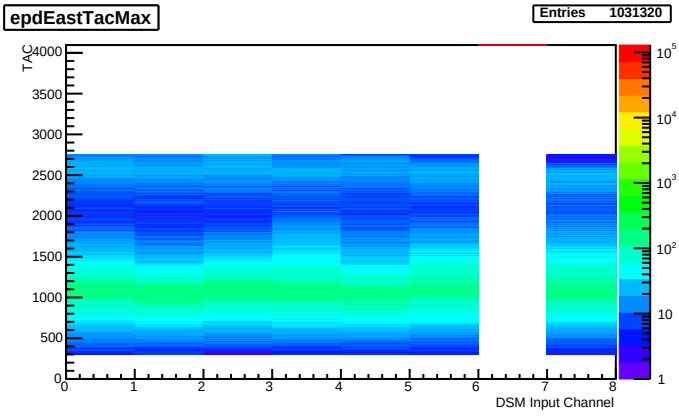

bbcSmallEastTacMaxVsSimu
Entries 102380
Data
Simu

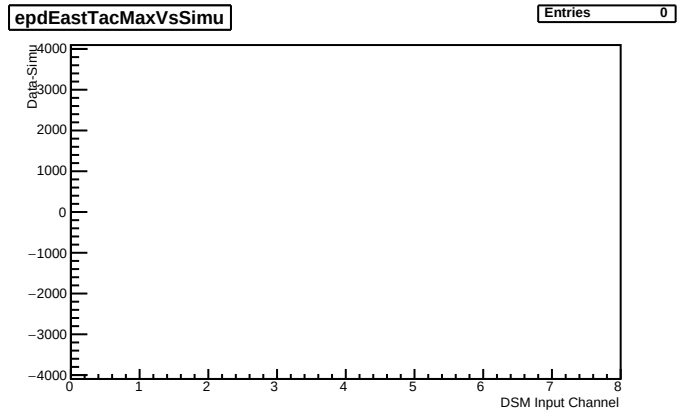

bbcSmallWestAdcSum
Entries 128915

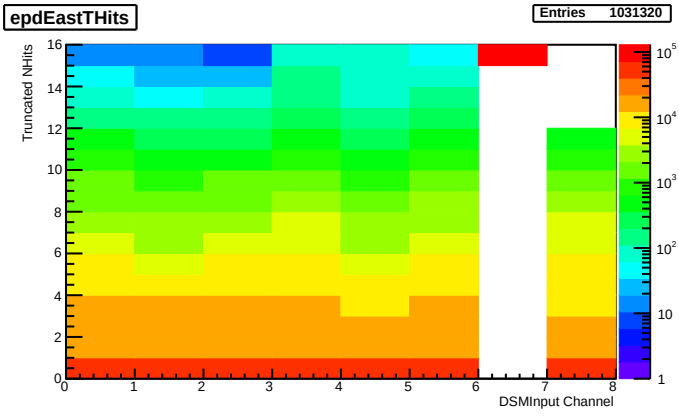

bbcSmallWestAdcSumVsSimu
Entries 99065
Data
Simu

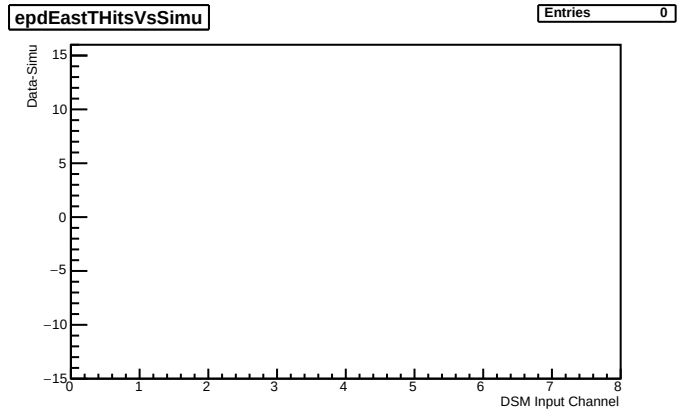

bbcSmallWestTacMax
Entries 128915

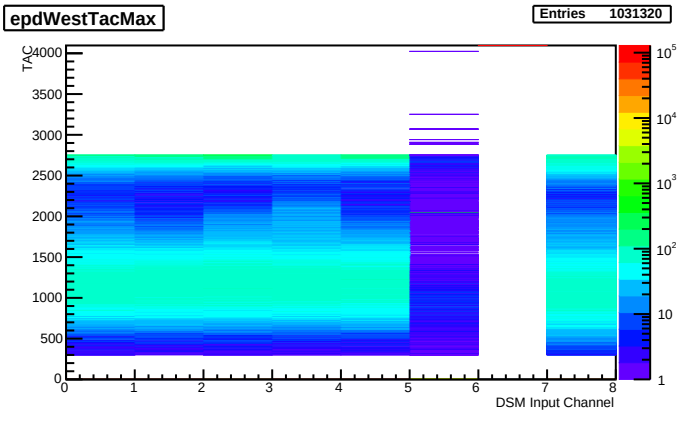

bbcSmallWestTacMaxVsSimu
Entries 99065
Data
Simu

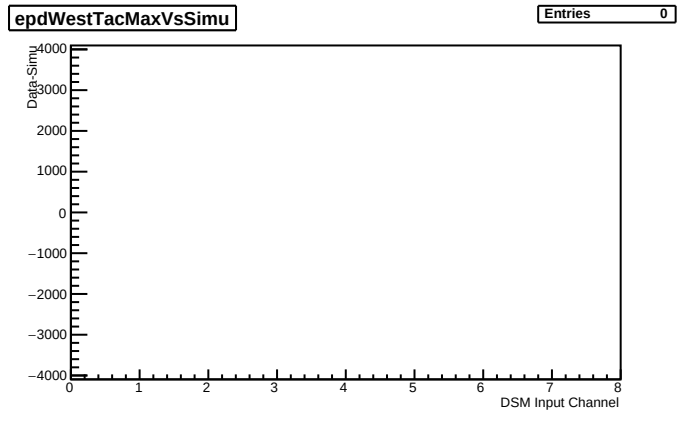

epdEastTacMax
Entries 1031320
TAC
DSM Input Channel

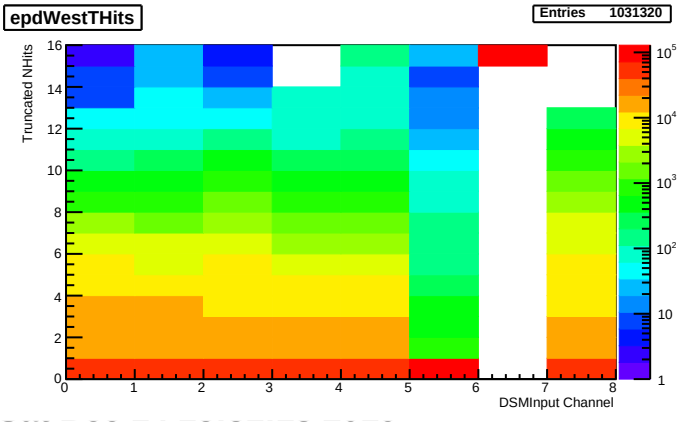

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

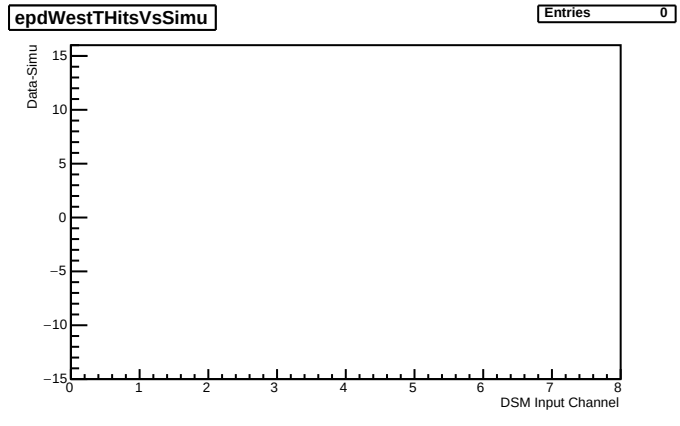

epdEastTHits
Entries 1031320
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1031320
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1031320
Truncated NHits
DSMInput Channel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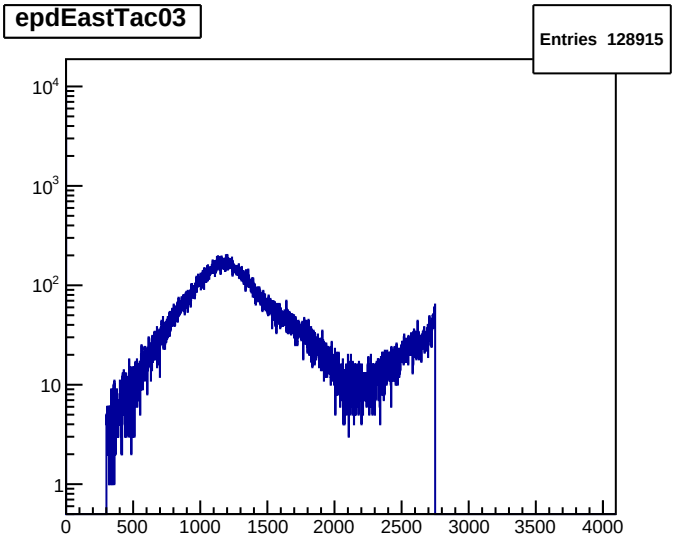
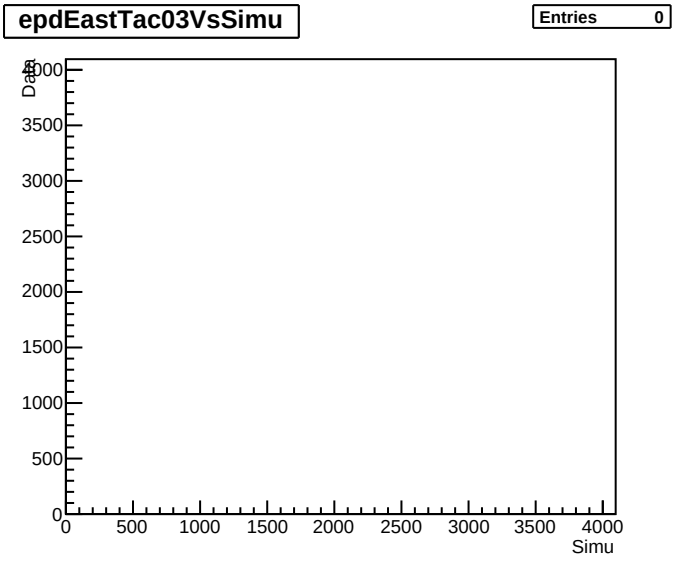
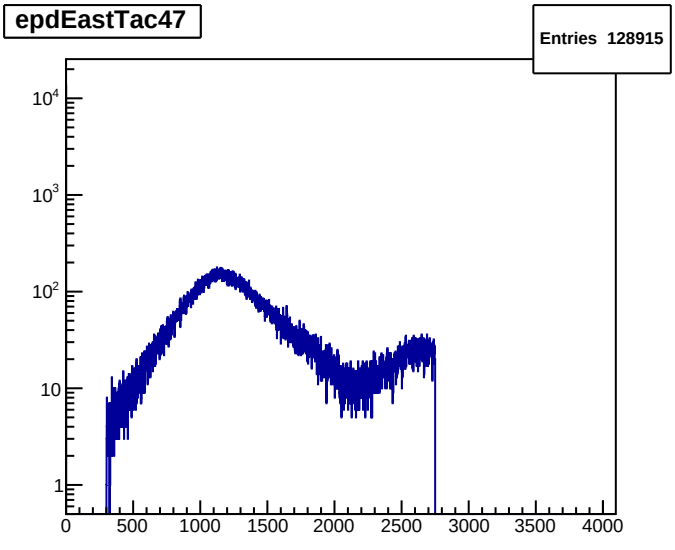
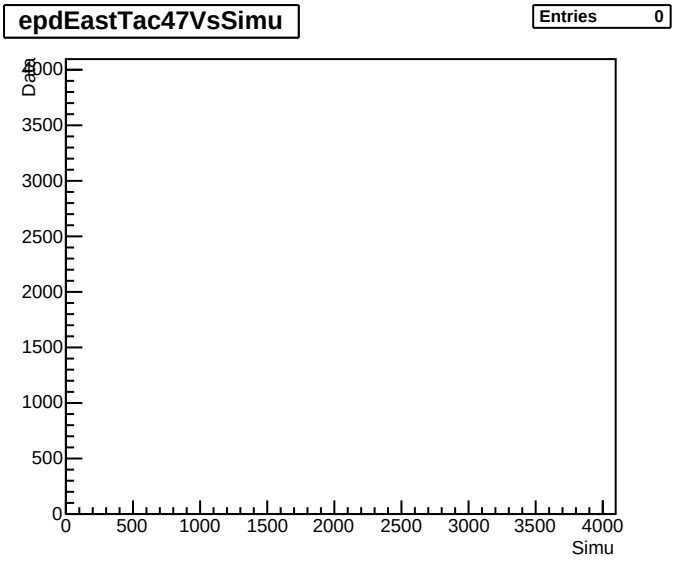
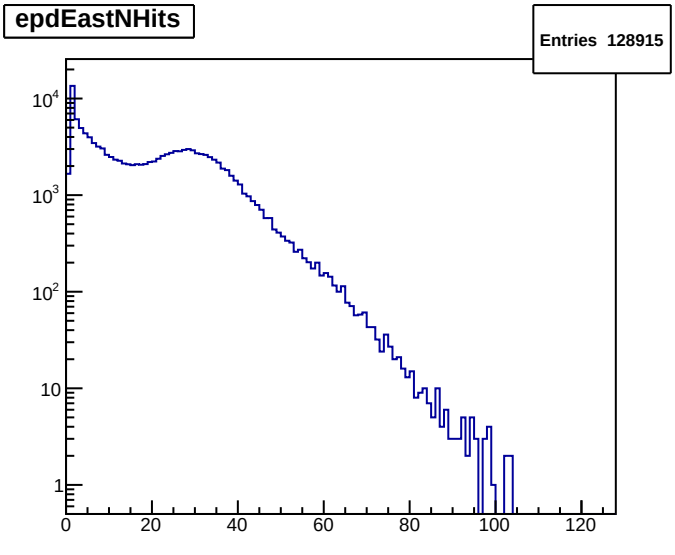
Entries 0
Data-Simu
DSM Input Channel

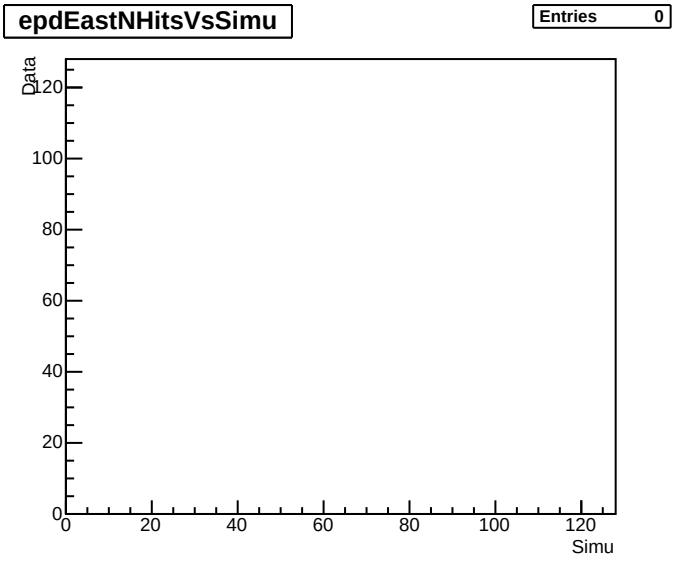

epdEastTac03
Entries 128915

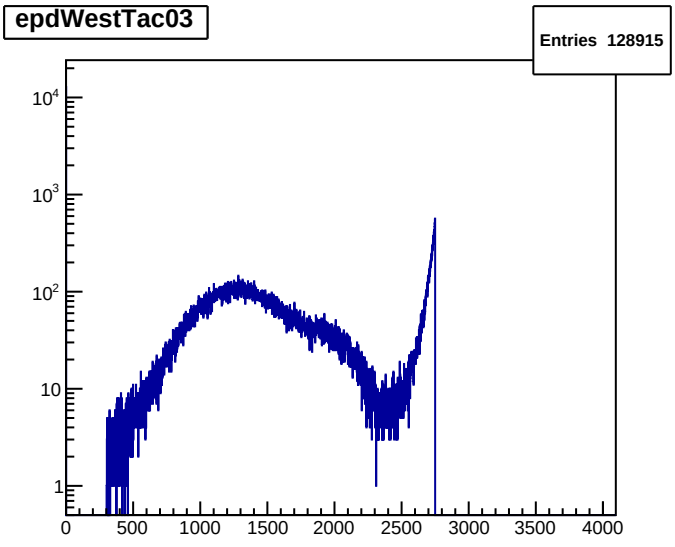

epdEastTac03VsSimu
Entries 0
Data
Simu

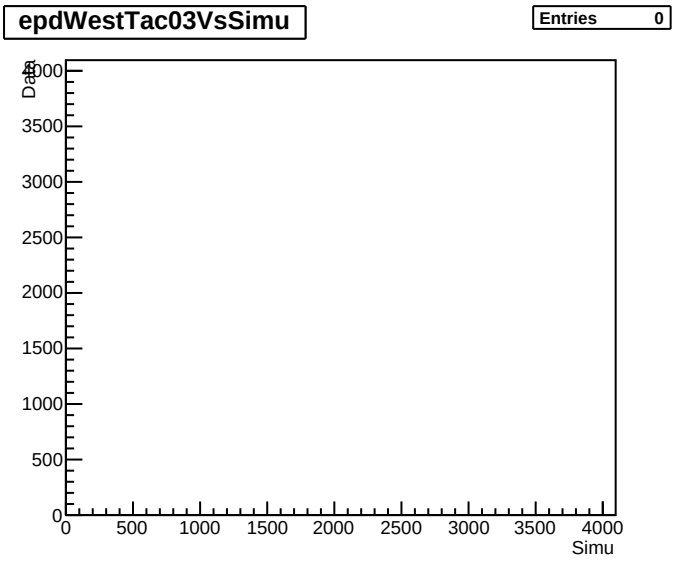

epdEastTac47
Entries 128915


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 128915


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 128915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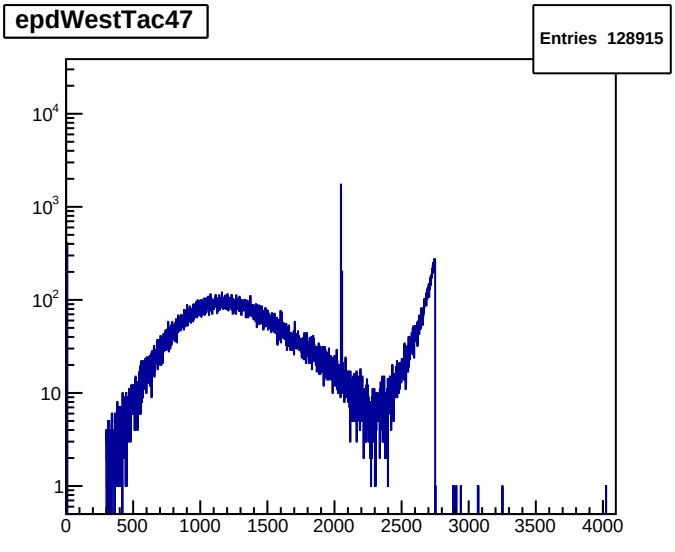
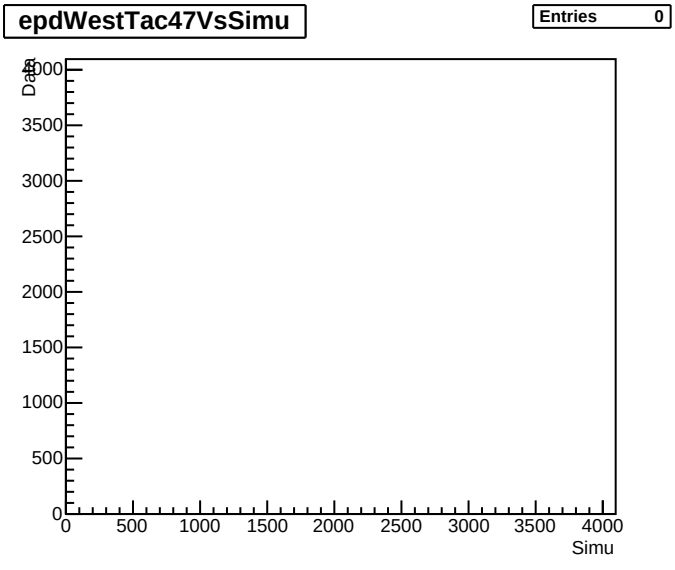
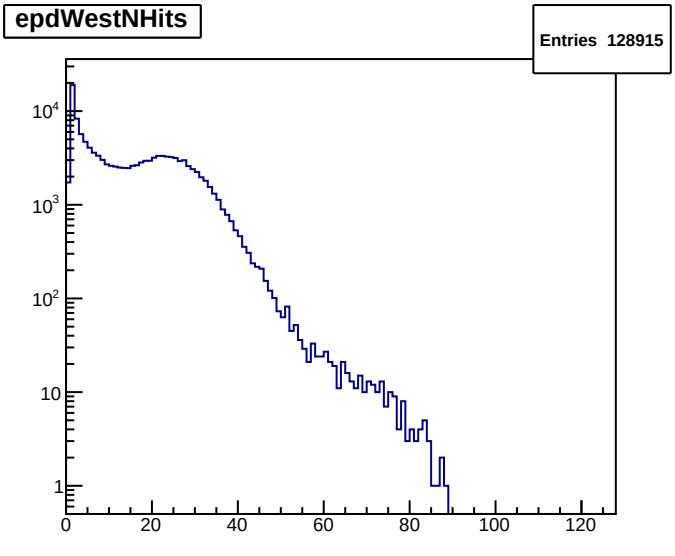
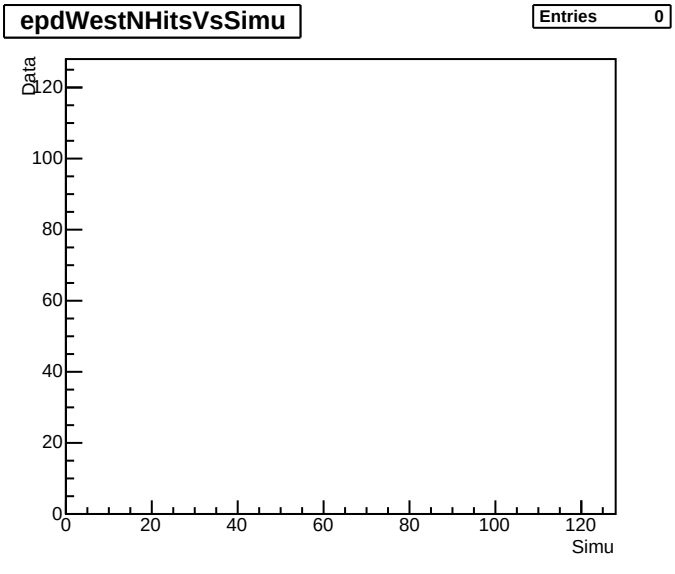
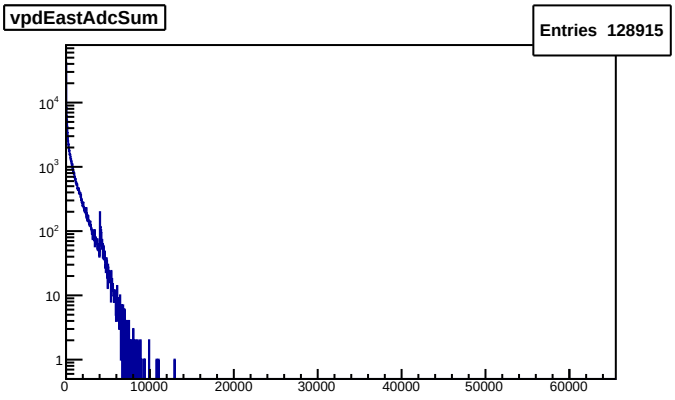
Entries 0
Data
Simu

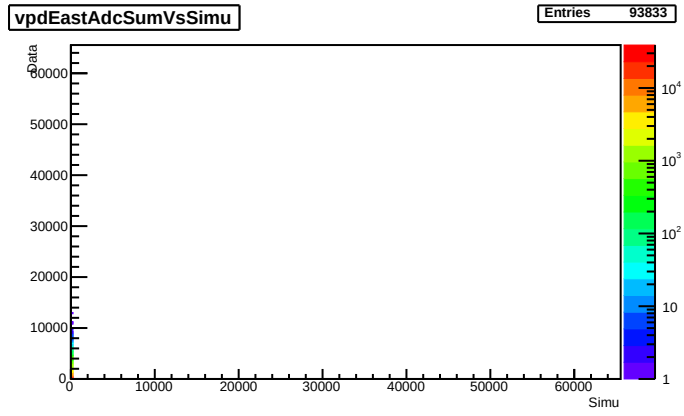

epdWestTac47
Entries 128915

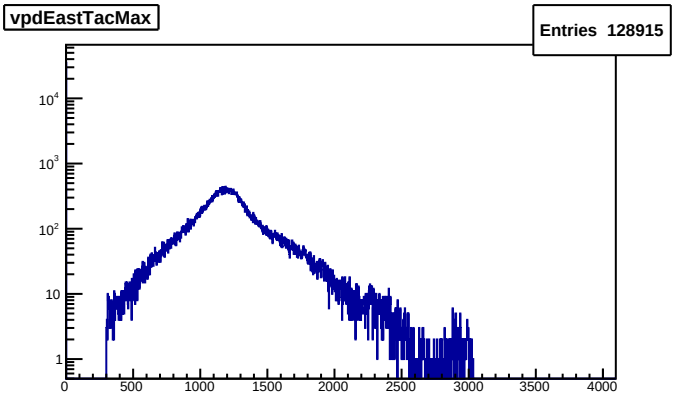

epdWestTac47VsSimu
Entries 0
Data
Simu

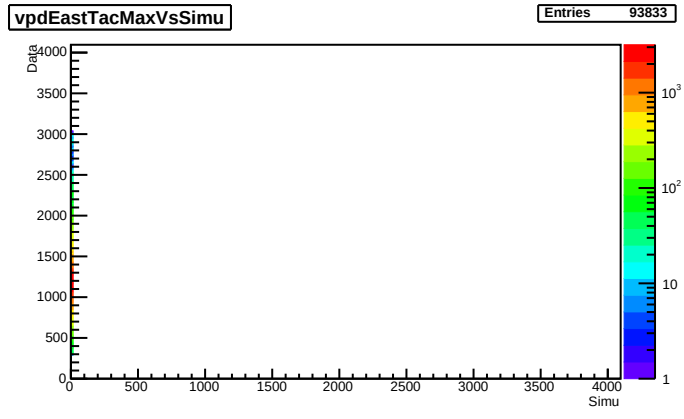

epdWestNHits
Entries 128915

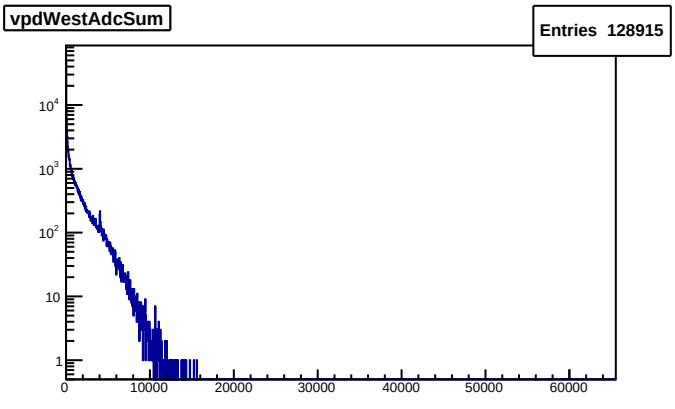

epdWestNHitsVsSimu
Entries 0
Data
Simu

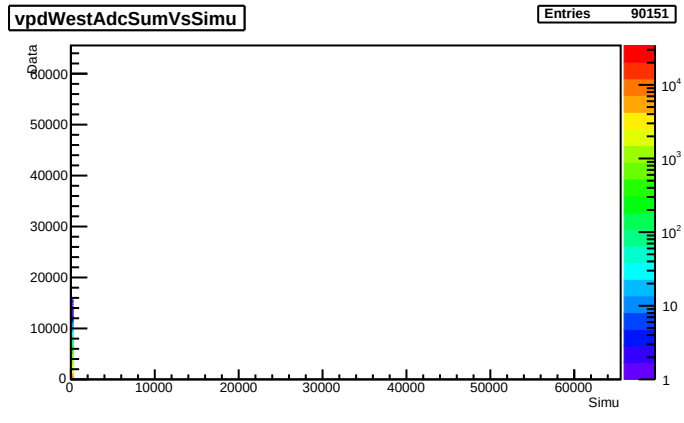

vpdEastAdcSum
Entries 128915

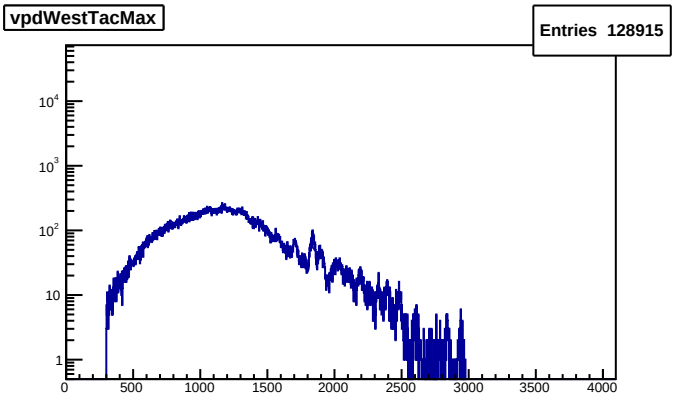

vpdEastAdcSumVsSimu
Entries 93833
Data
Simu

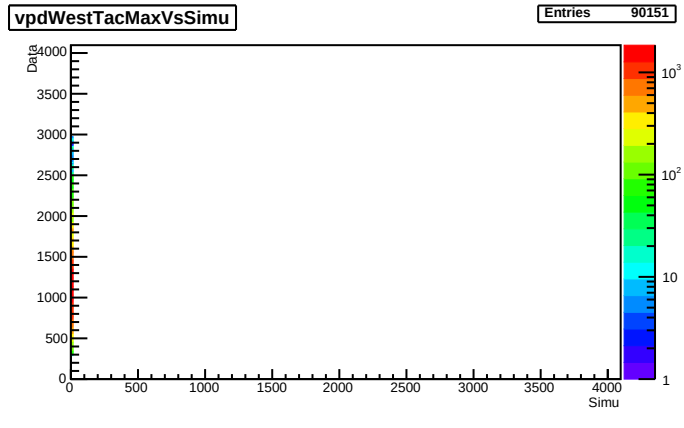

vpdEastTacMax
Entries 128915

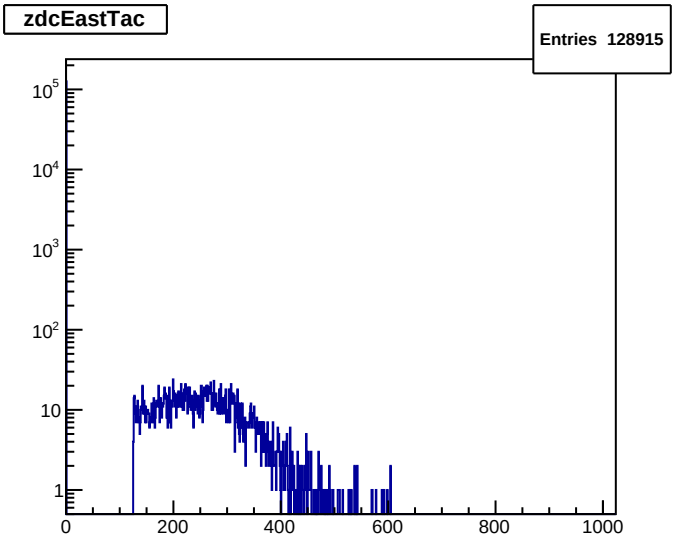

vpdEastTacMaxVsSimu
Entries 93833
Data
Simu

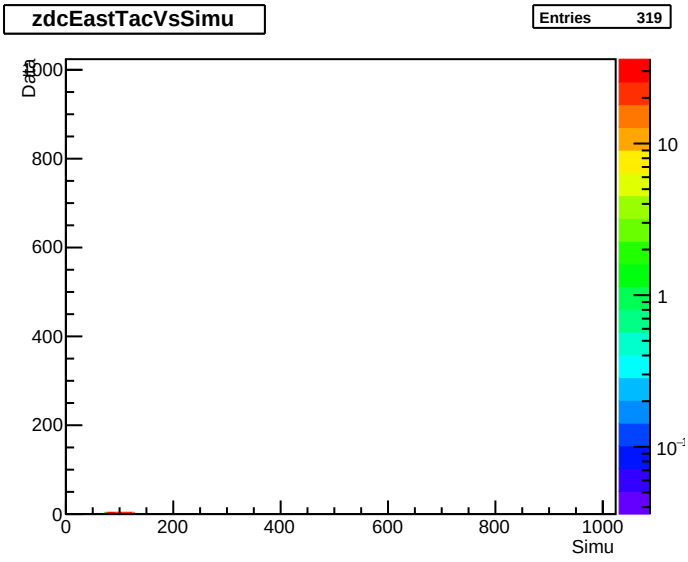

vpdWestAdcSum
Entries 128915

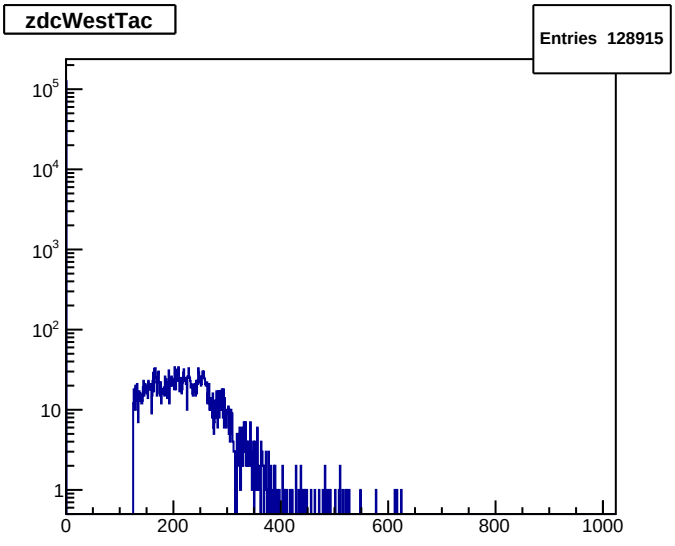

vpdWestAdcSumVsSimu
Entries 90151
Data
Simu

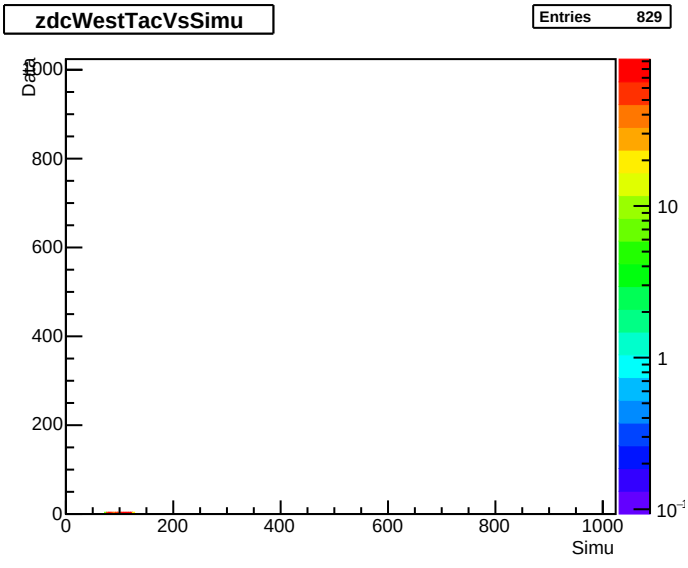

vpdWestTacMax
Entries 128915

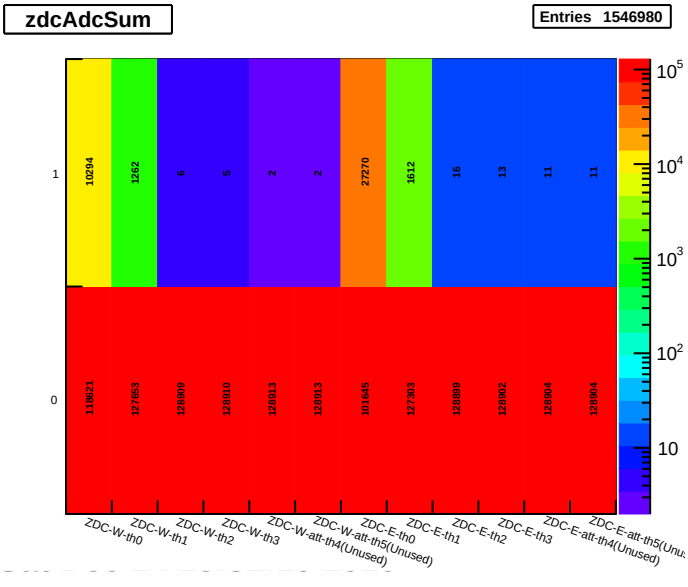

vpdWestTacMaxVsSimu
Entries 90151
Data
Simu

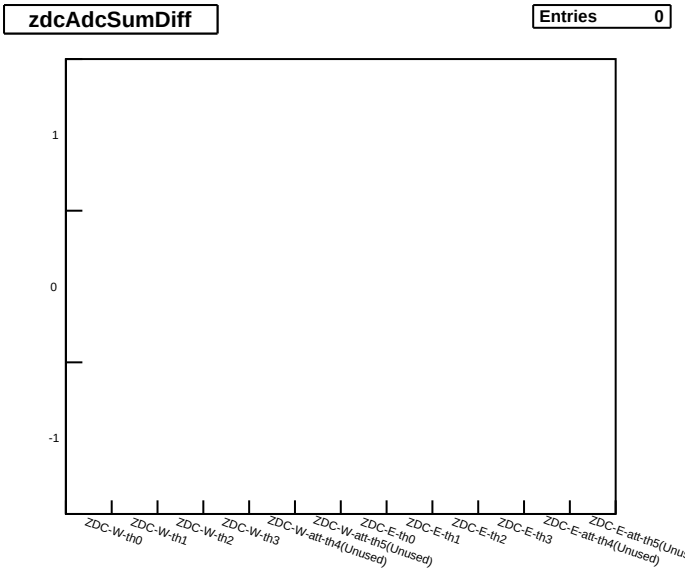

zdcEastTac
Entries 128915

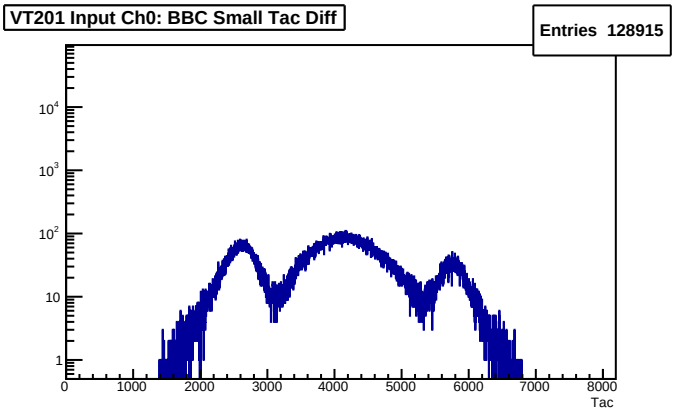

zdcEastTacVsSimu
Entries 319
Data
Simu

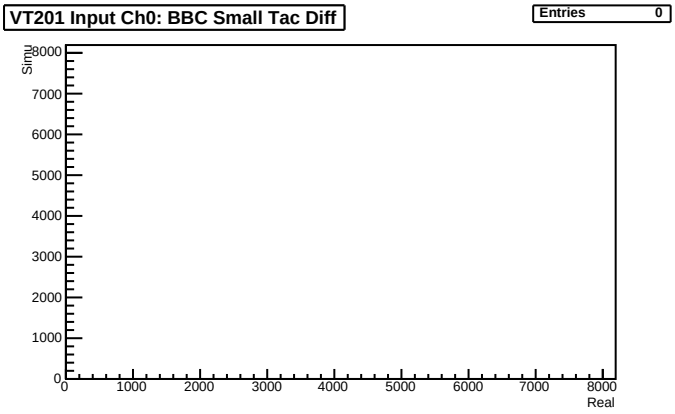

zdcWestTac
Entries 128915

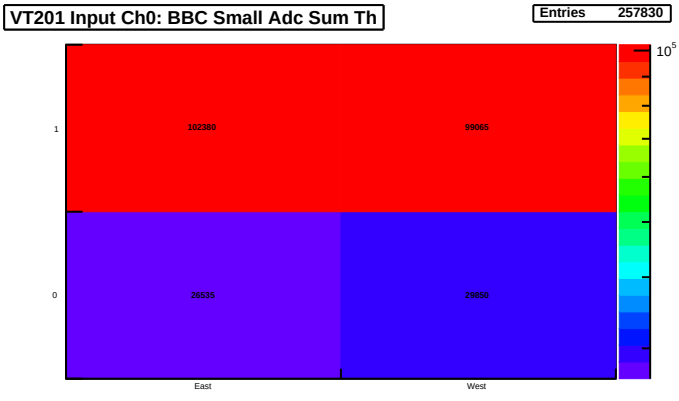

zdcWestTacVsSimu
Entries 829
Data
Simu

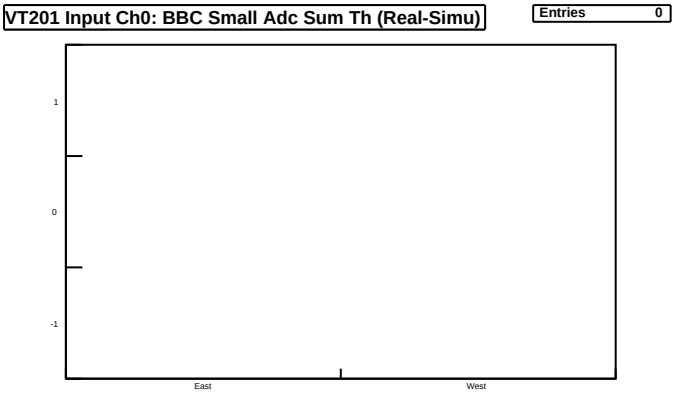

zdcAdcSum
Entries 1546980
10294
1262
6
5
2
2
27270
1612
16
13
11
11
118621
127653
128909
128910
128913
128913
101645
127303
128899
128902
128904
128904
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

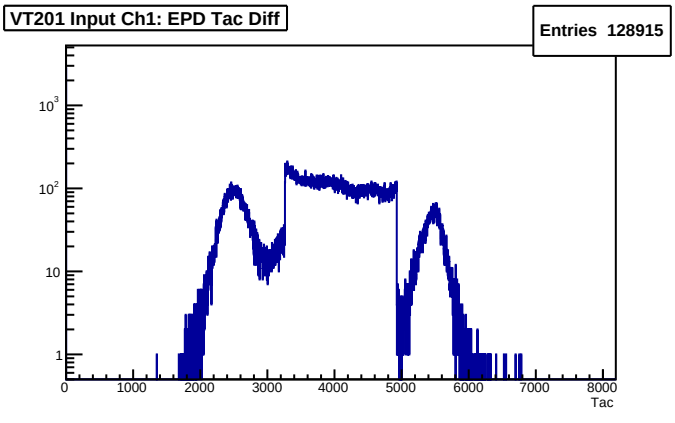

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

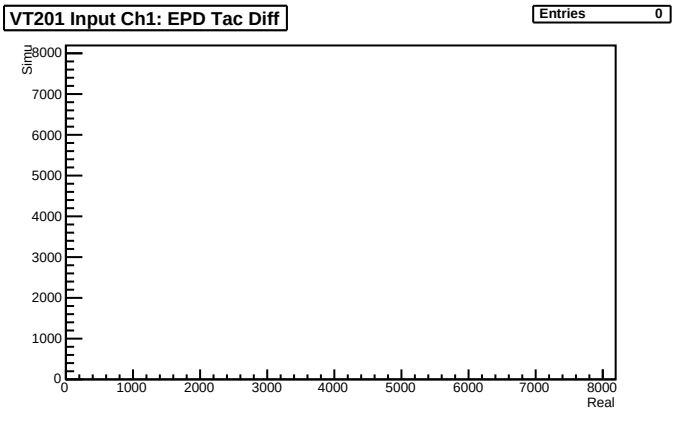

VT201 Input Ch0: BBC Small Tac Diff
Entries 128915
Tac

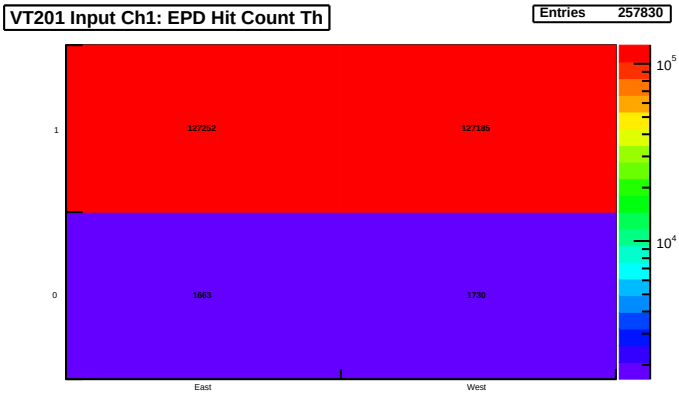

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

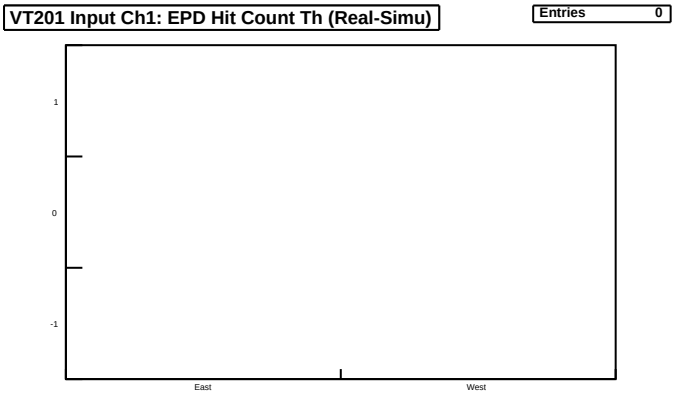

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 257830
102380
99065
26535
29850
East
West

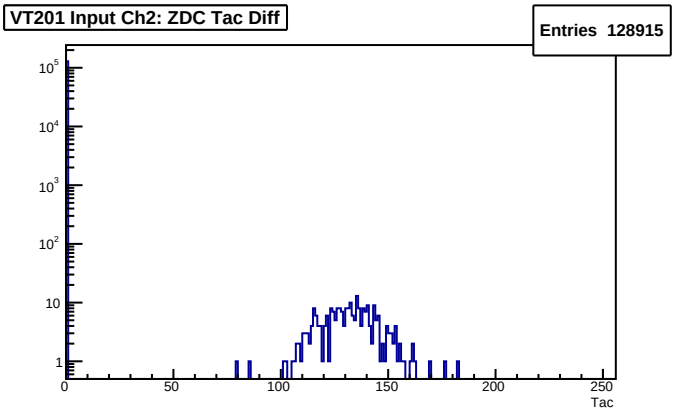

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

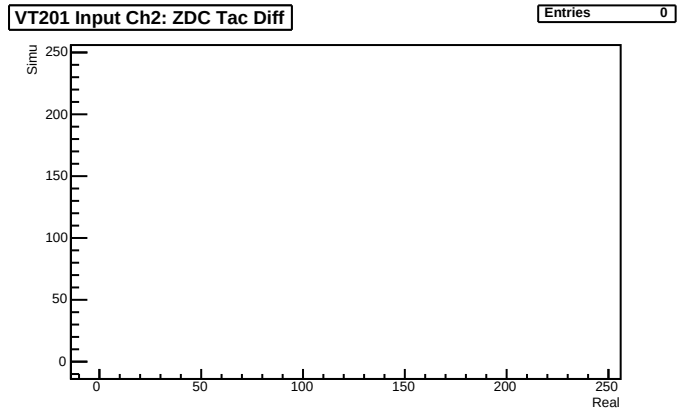

VT201 Input Ch1: EPD Tac Diff
Entries 128915
Tac

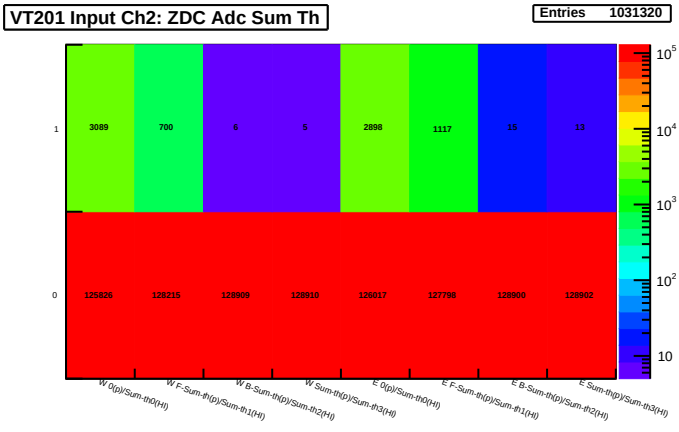

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

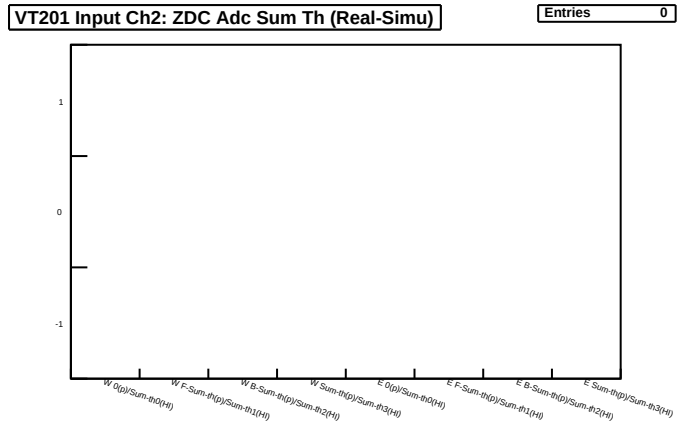

VT201 Input Ch1: EPD Hit Count Th
Entries 257830
127252
127185
1663
1730
East
West

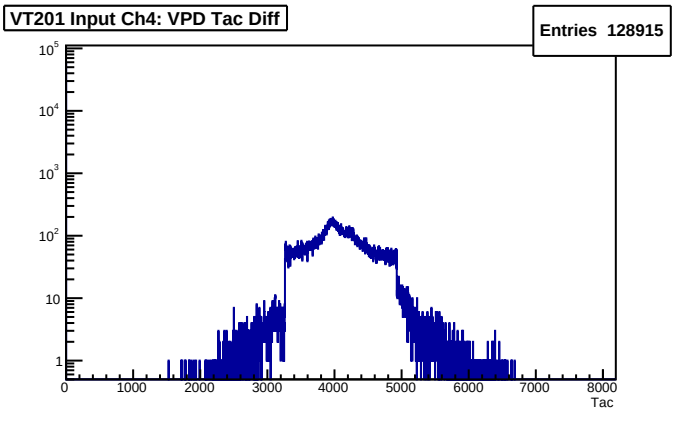

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

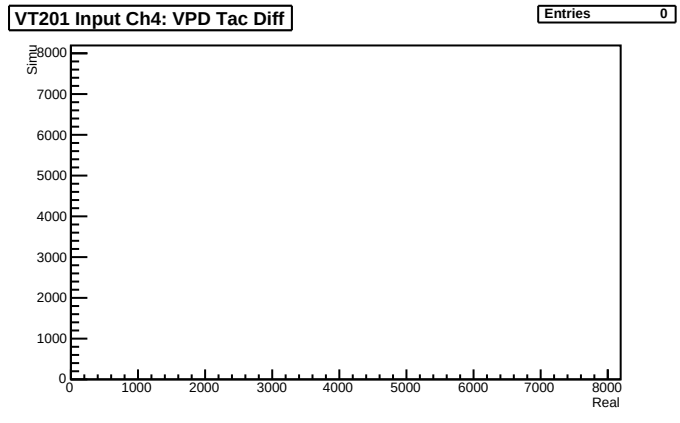

VT201 Input Ch2: ZDC Tac Diff
Entries 128915
Tac

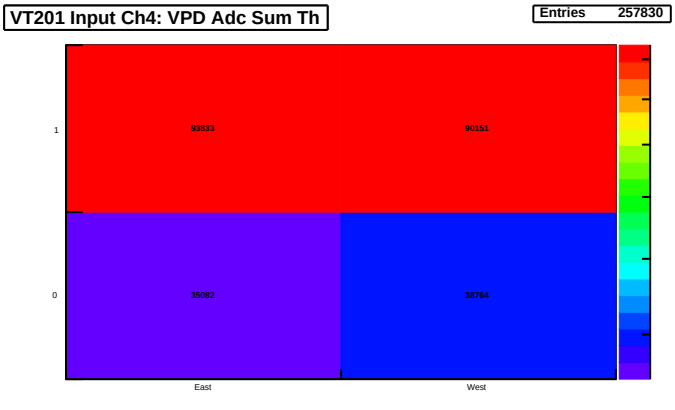

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

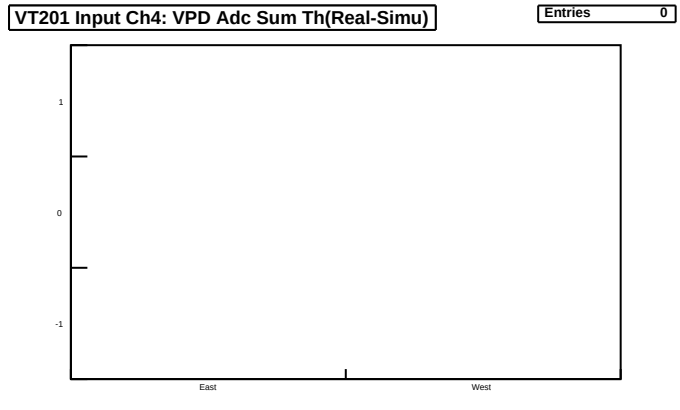

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1031320
3089
700
6
5
2898
1117
15
13
125826
128215
128909
128910
126017
127798
128900
128902
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

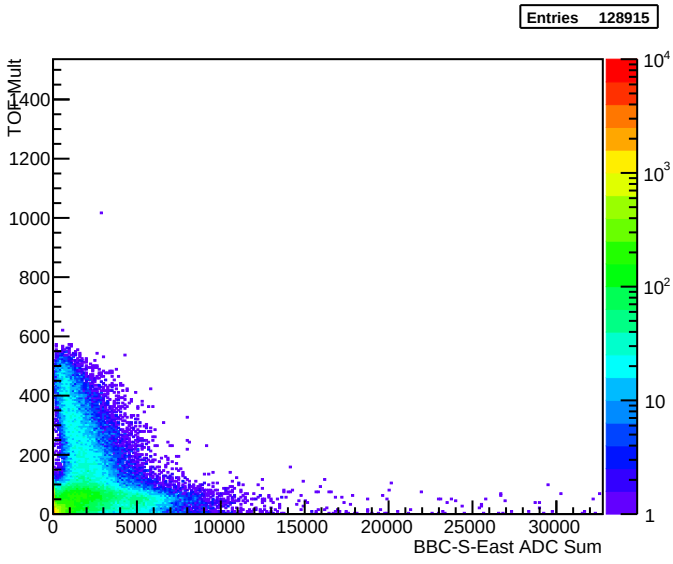

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

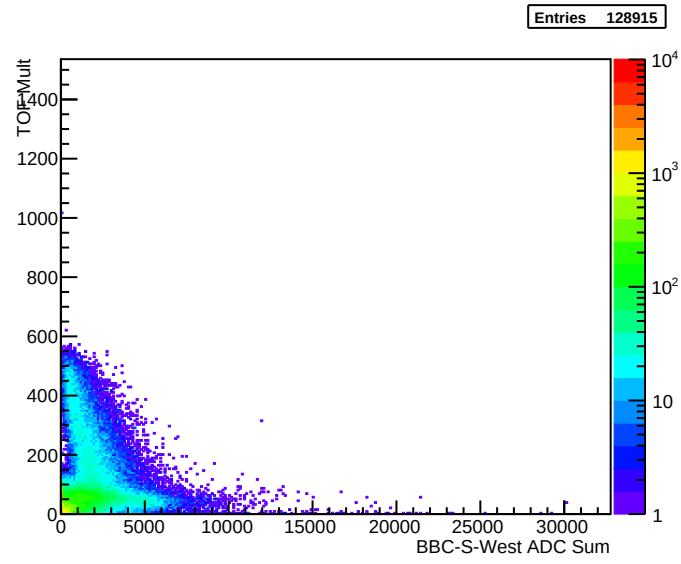

VT201 Input Ch4: VPD Tac Diff
Entries 128915
Tac

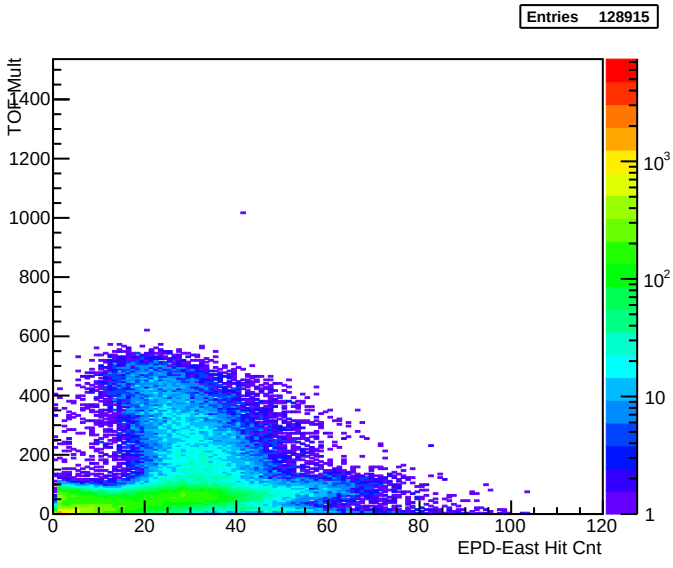

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

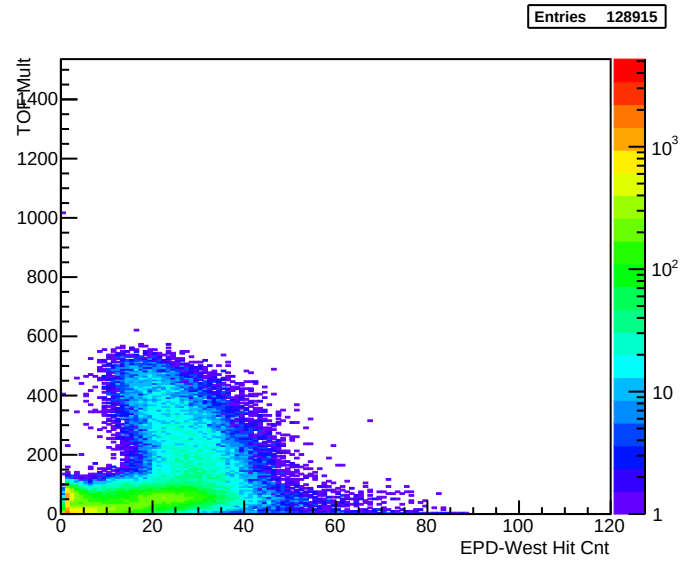

VT201 Input Ch4: VPD Adc Sum Th
Entries 257830
93833
90151
35082
38764
East
West

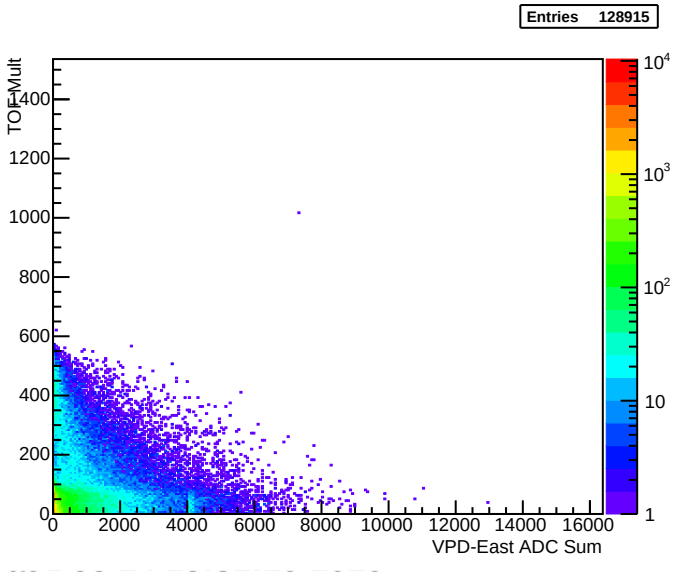

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

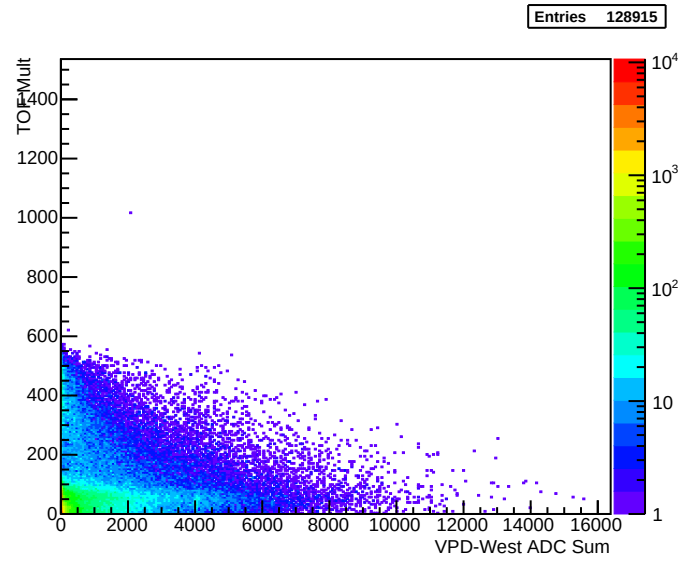

Entries 128915
TOF-Mult
BBC-S-East ADC Sum

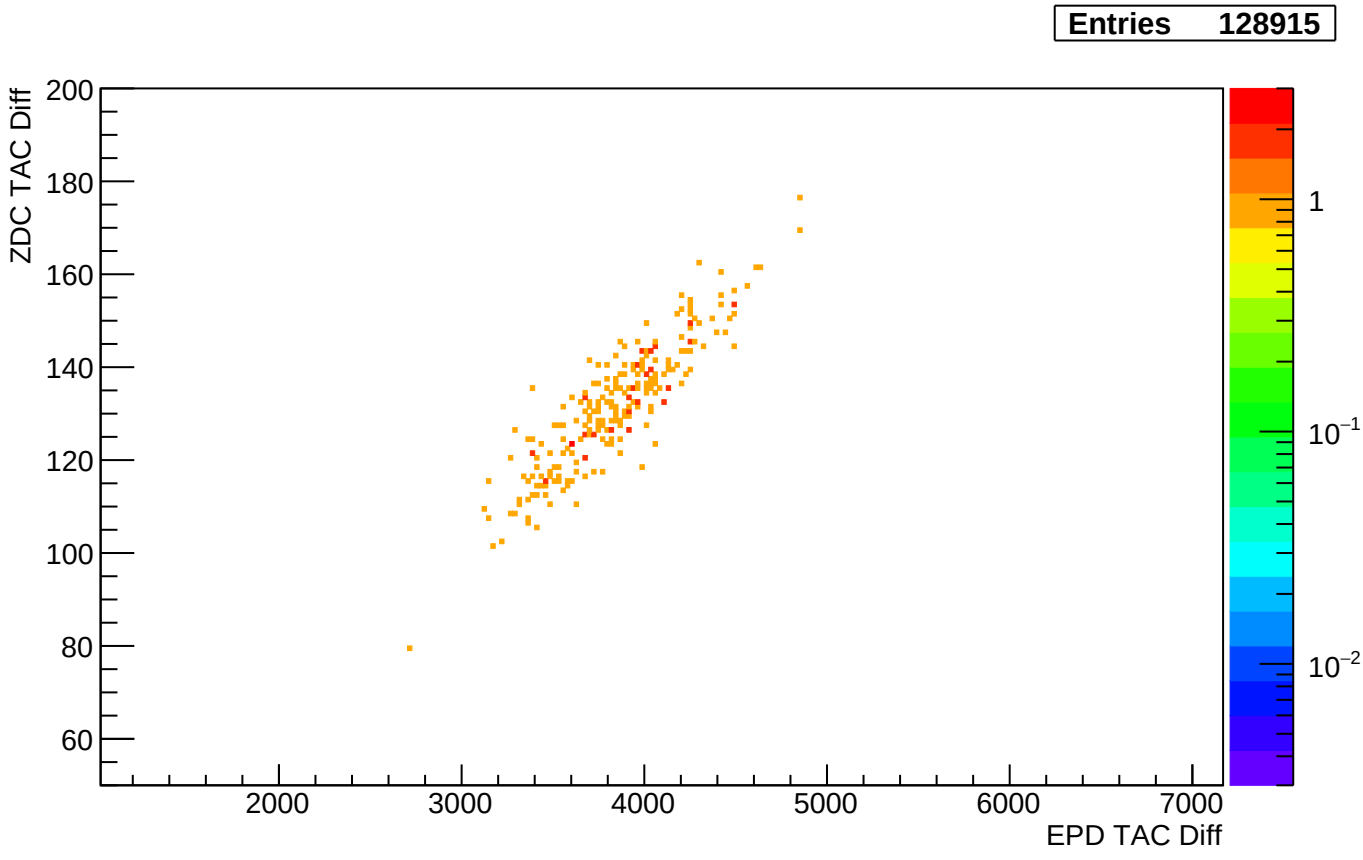

Entries 128915
TOF-Mult
BBC-S-West ADC Sum

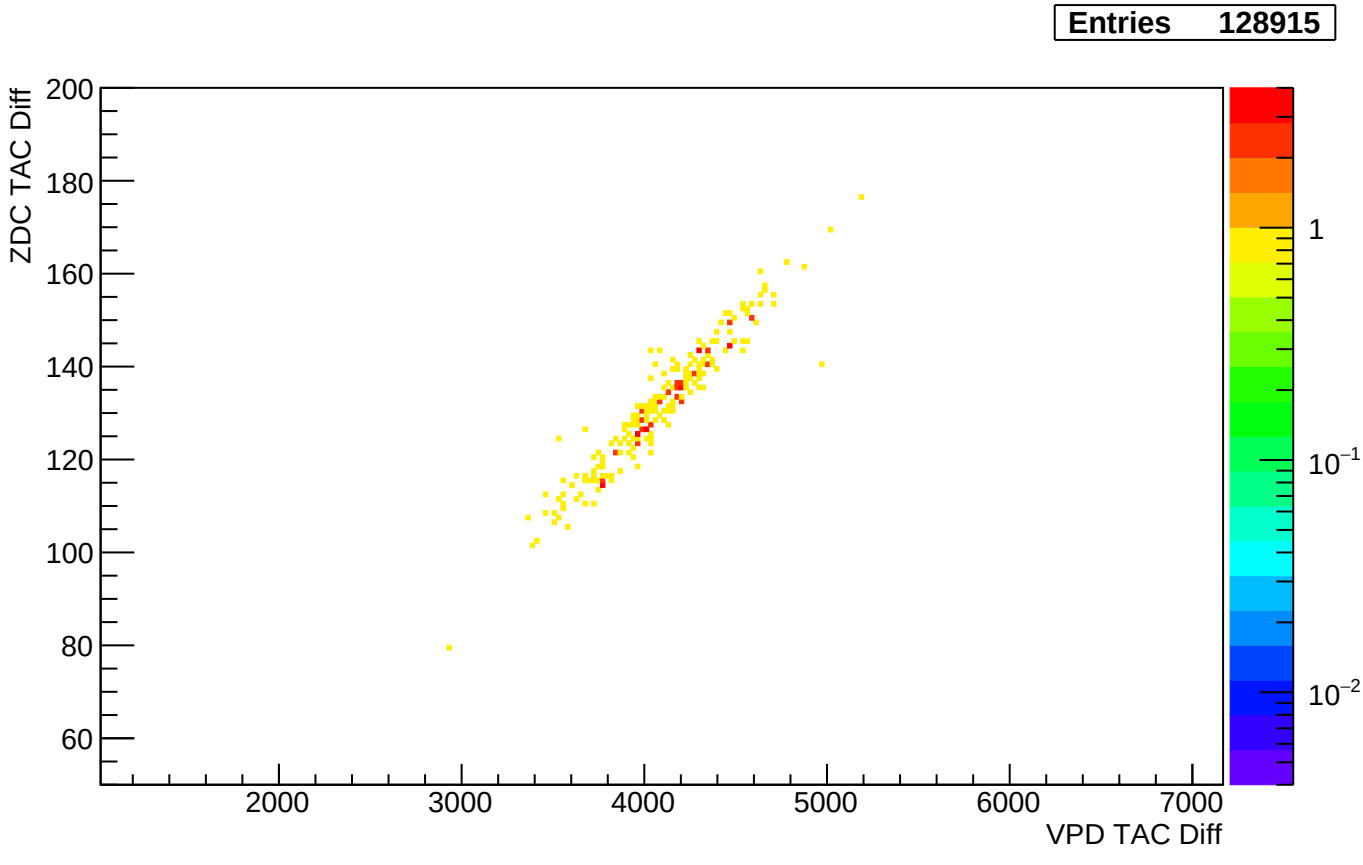

Entries 128915
TOF-Mult
EPD-East Hit Cnt

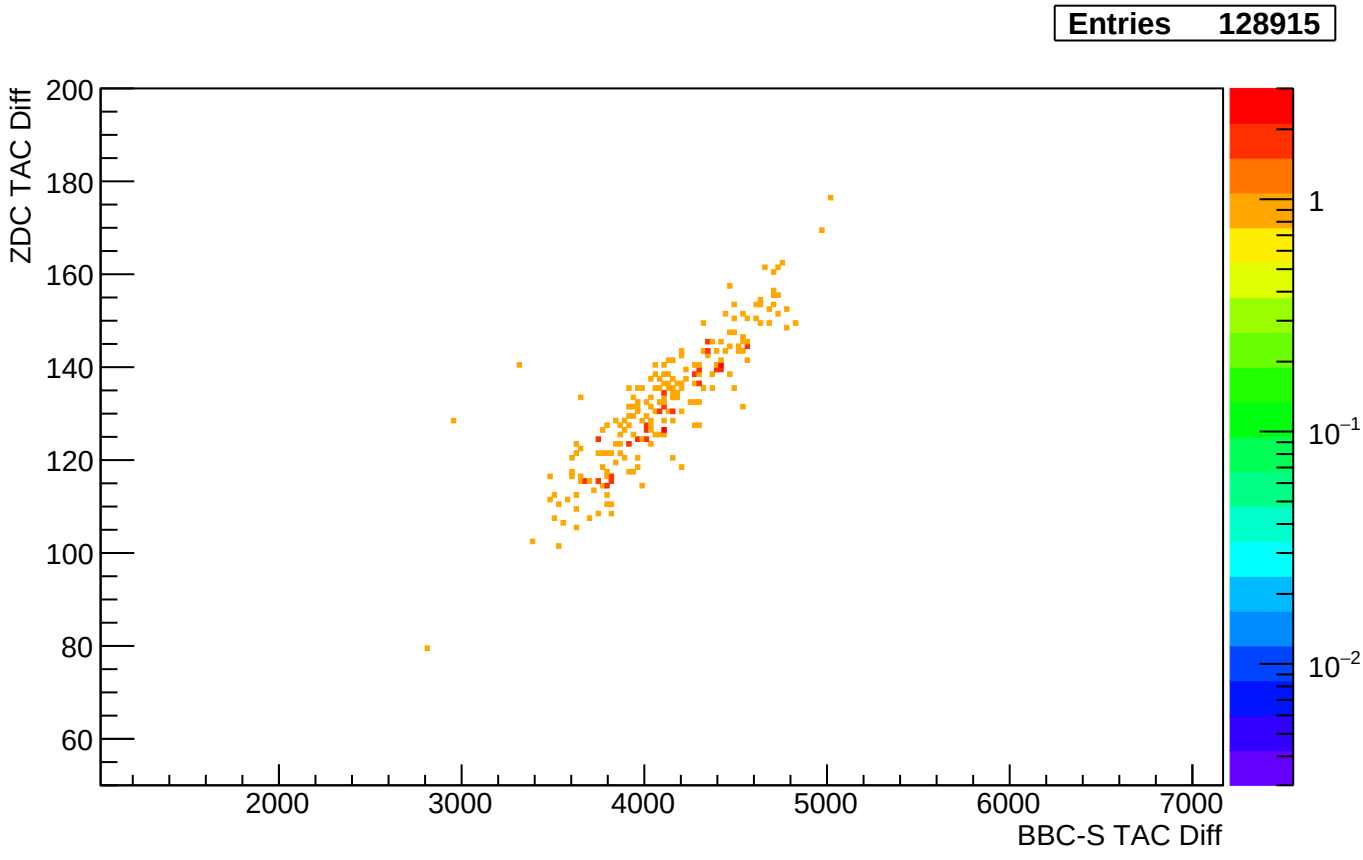

Entries 128915
TOF-Mult
EPD-West Hit Cnt

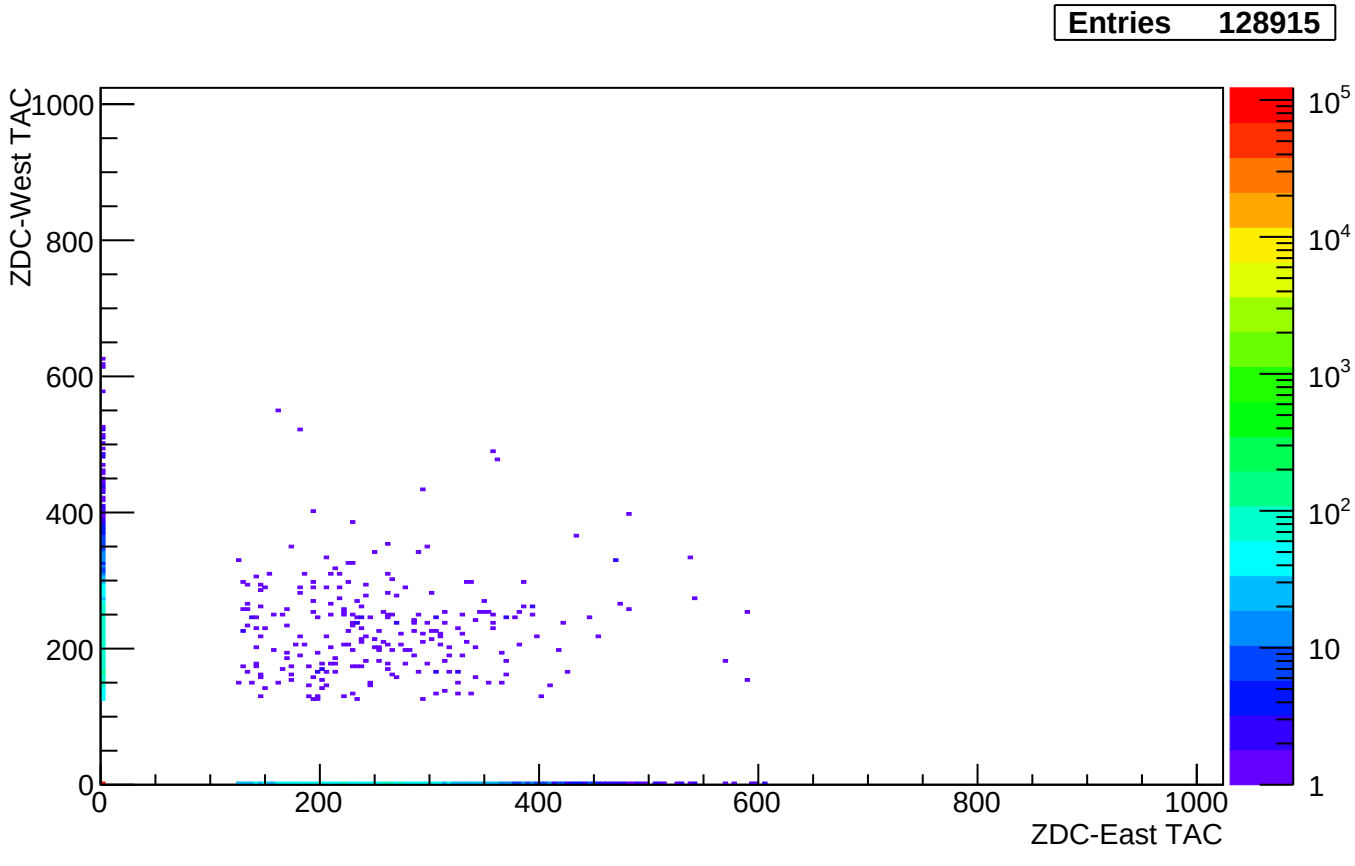

Entries 128915
TOF-Mult
VPD-East ADC Sum

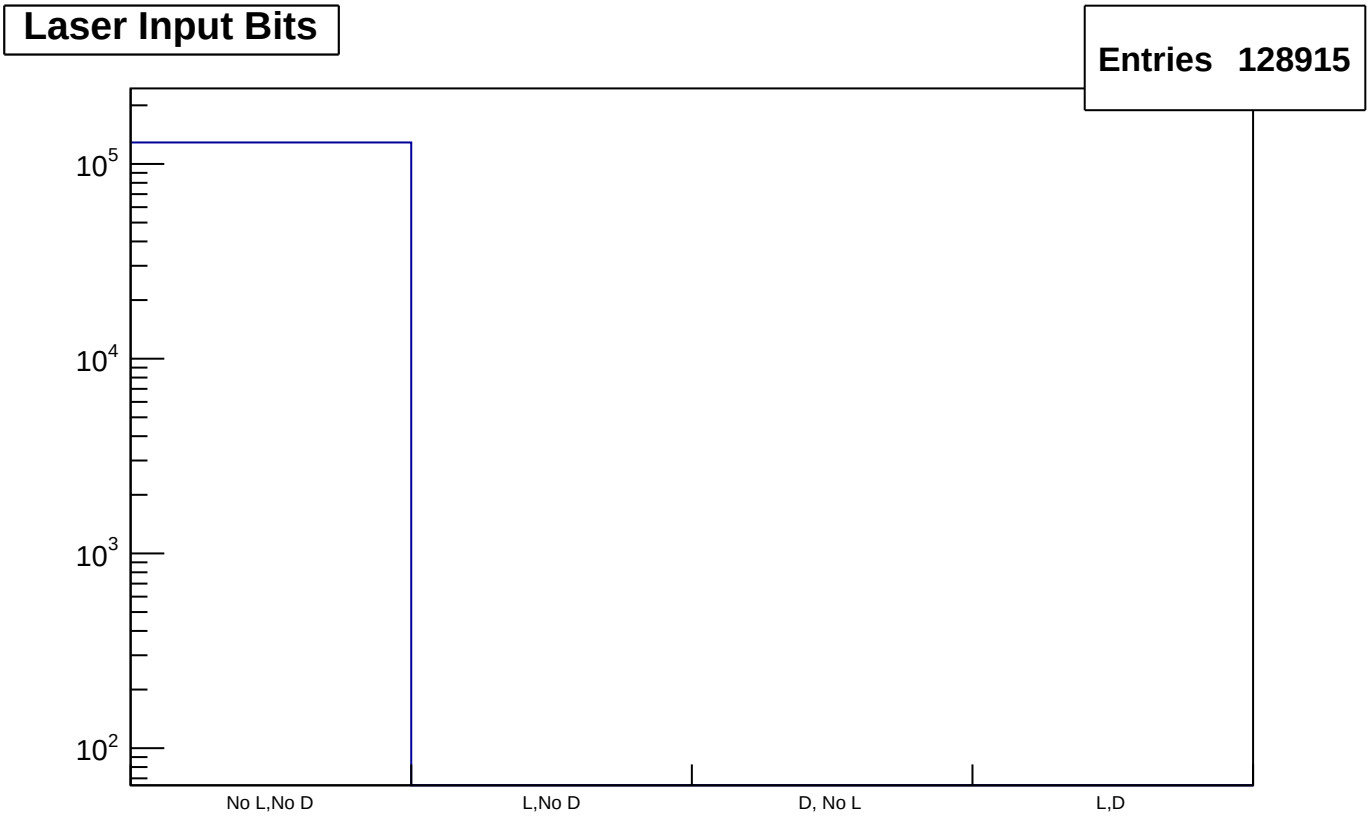

Entries 128915
TOF-Mult
VPD-West ADC Sum

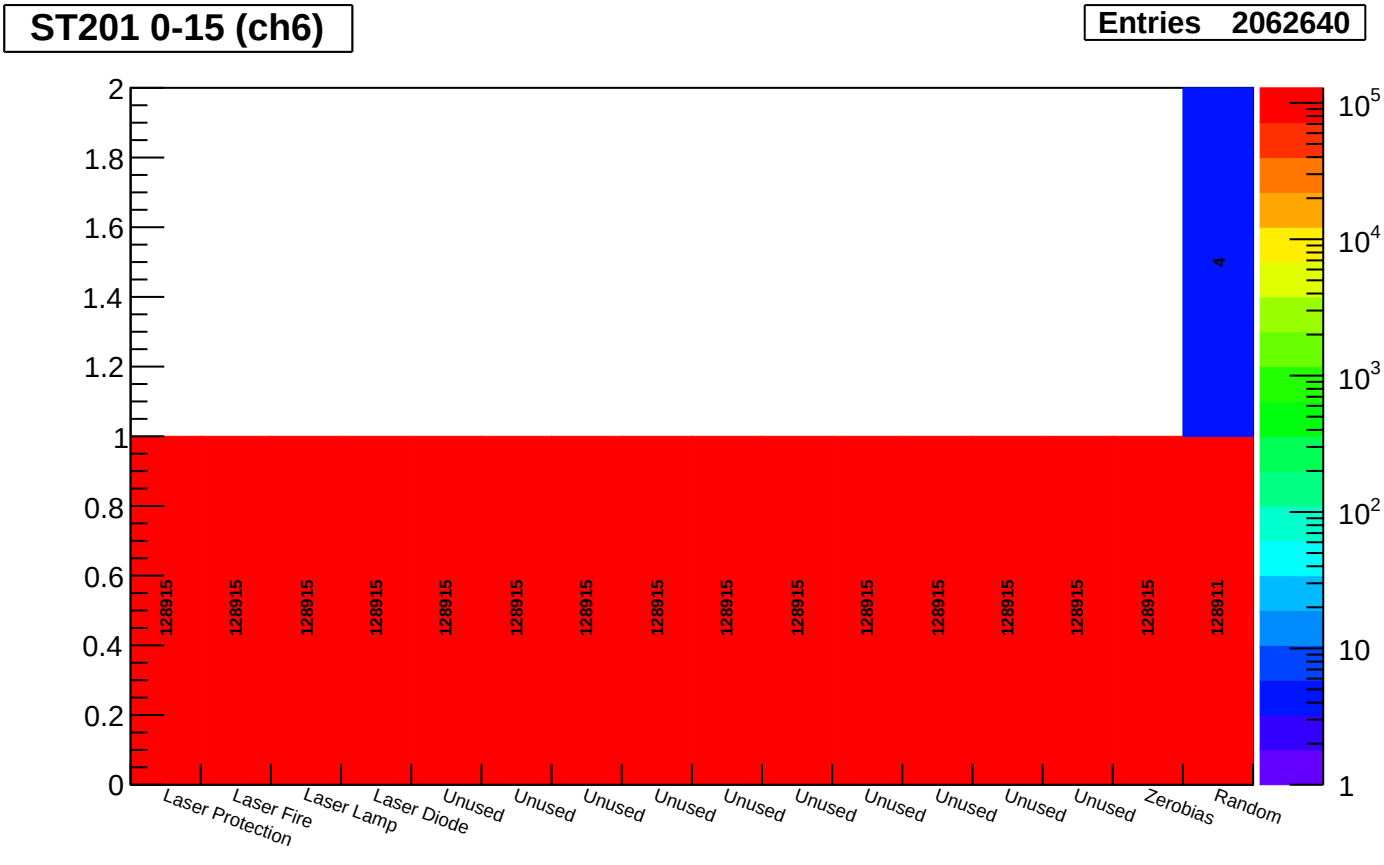

Entries 128915
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

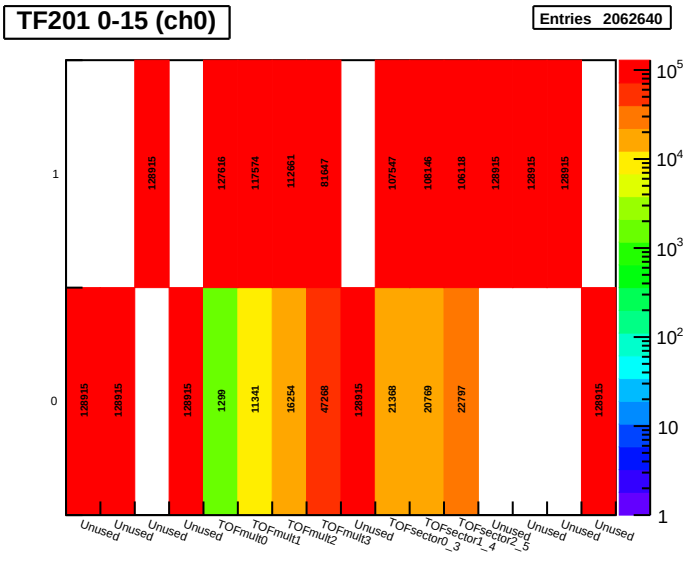

Entries 128915
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

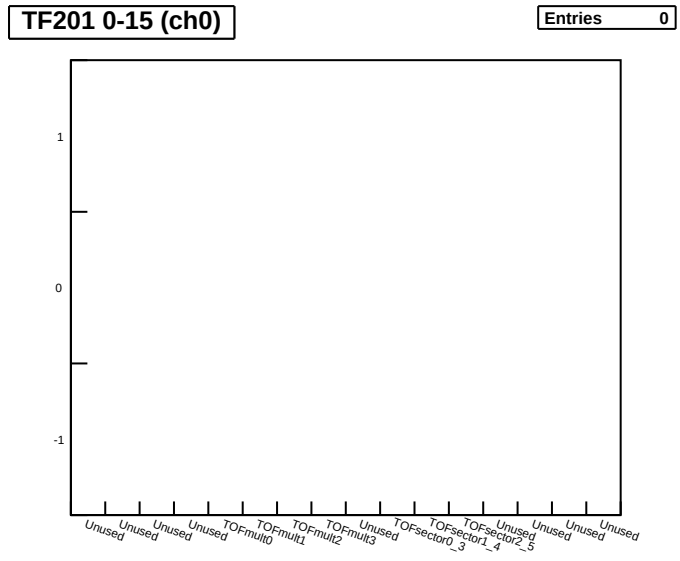

Entries 128915
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

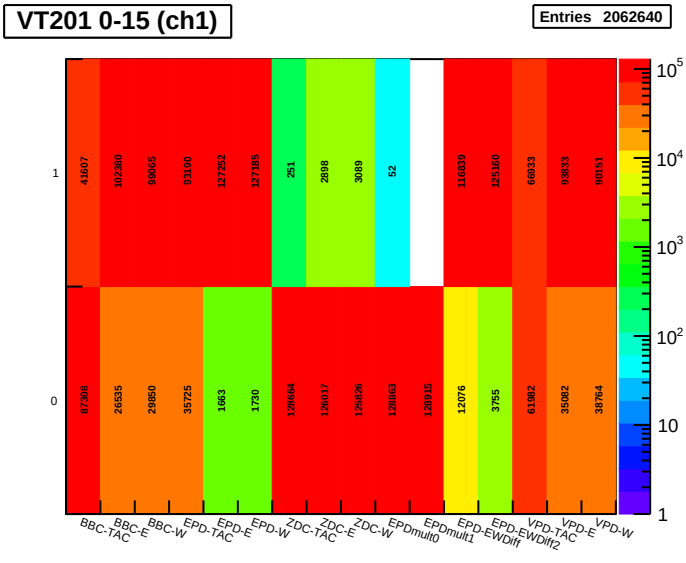

Entries 128915
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

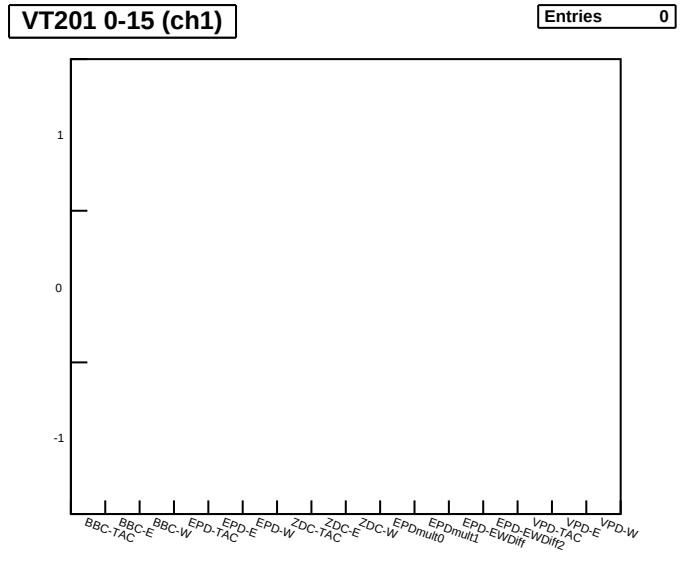

Laser Input Bits
Entries 128915
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

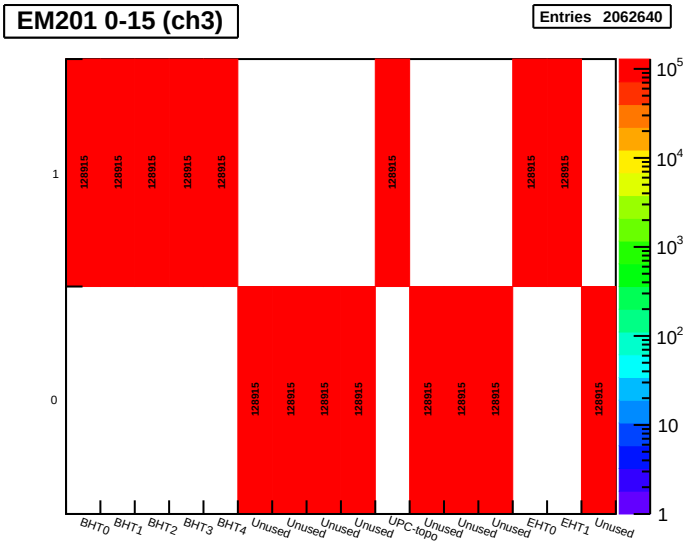

ST201 0-15 (ch6)
Entries 2062640
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
128915
128915
128915
128915
128915
128915
128915
128915
128915
128915
128915
128915
128915
128915
128915
128911
4
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

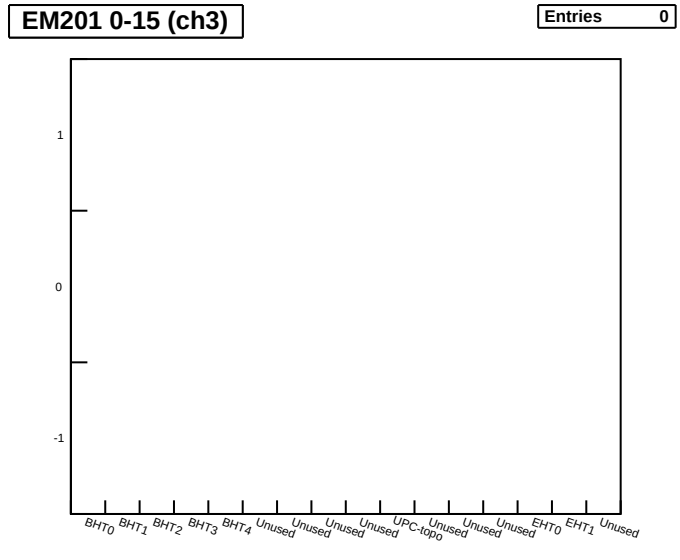

TF201 0-15 (ch0)
Entries 2062640
1
0
128915 128915 128915 1299 11341 16254 47268 128915 21368 20769 22797 128915
128915 127616 117574 112661 81647 107547 108146 106118 128915 128915 128915
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 2062640
1
0
87308 26535 29850 35725 1663 1730 128664 128017 125826 128863 128915 12076 3755 61982 35082 38764
41607 102380 99065 93190 127252 127185 251 2898 3089 52 116859 125160 69933 93833 90151
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
1 10 10^2 10^3 10^4 10^5


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 2062640
1
0
128915 128915 128915 128915 128915 128915 128915 128915 128915 128915 128915 128915 128915 128915 128915 128915 128915 128915 128915 128915
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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