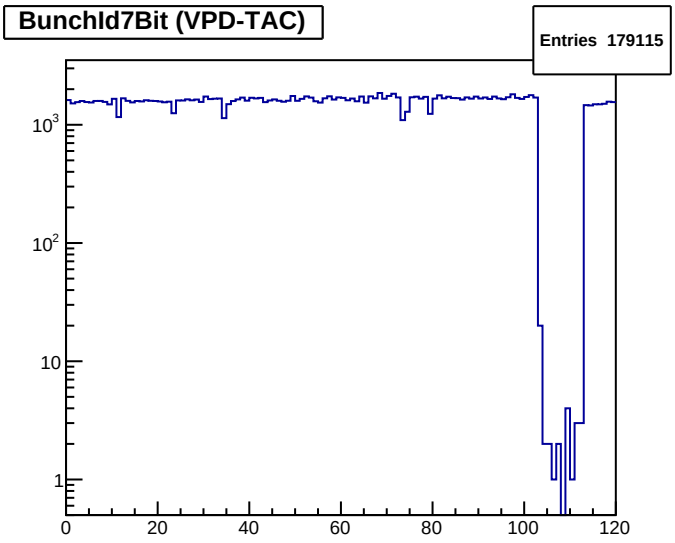
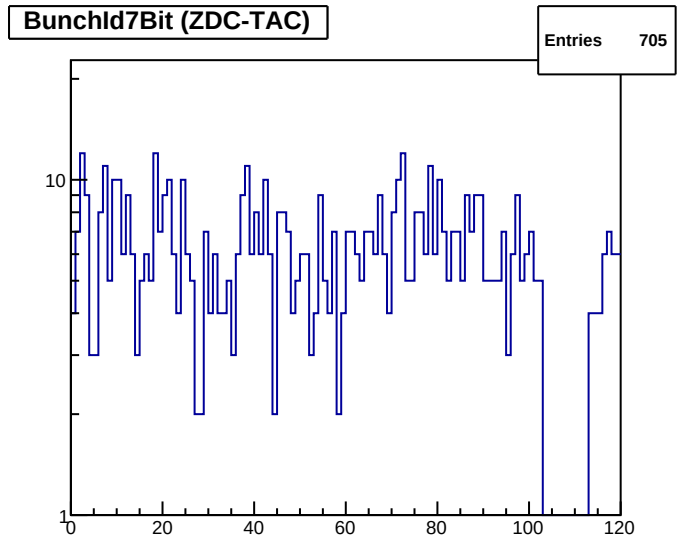
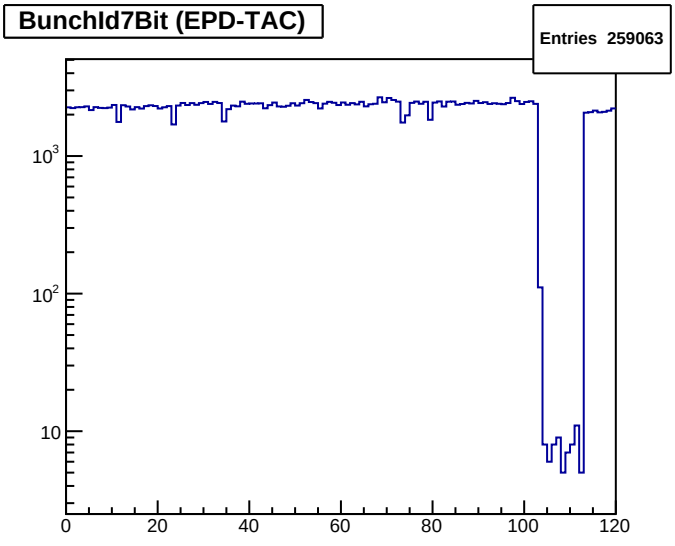
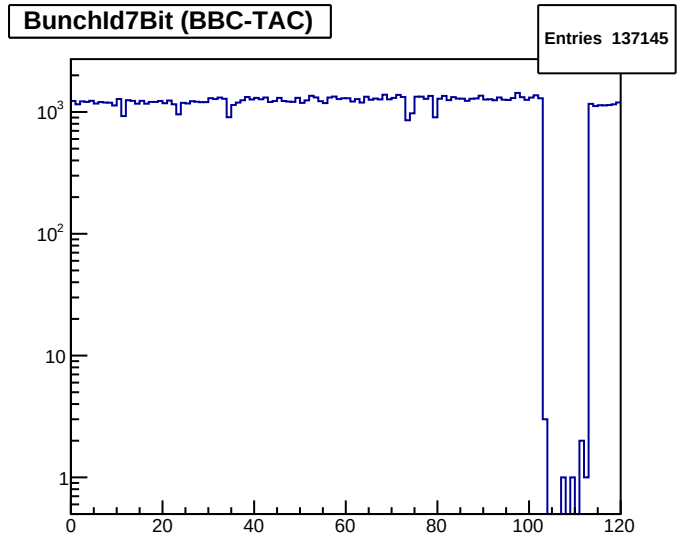
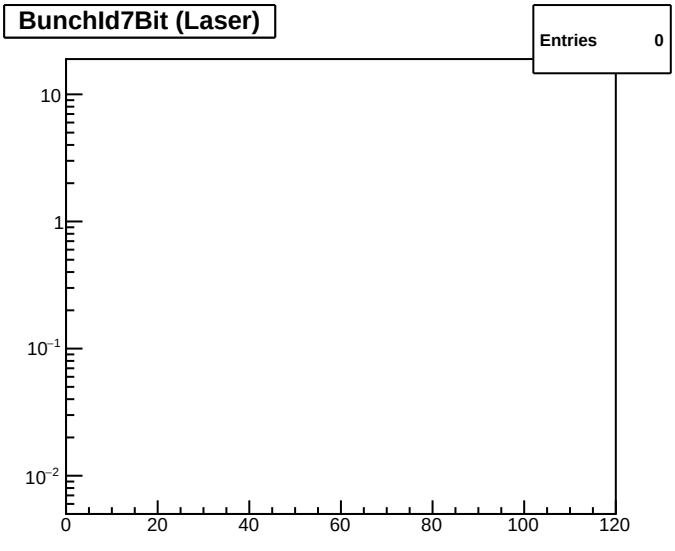
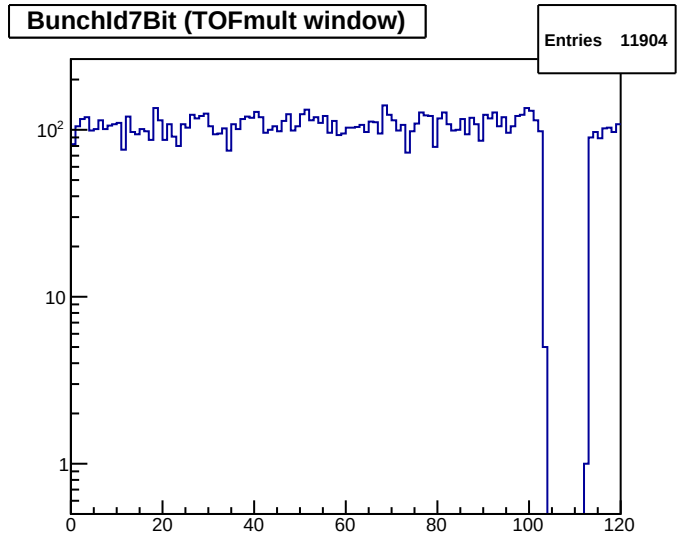

BunchId7Bit (VPD-TAC)
Entries 179115

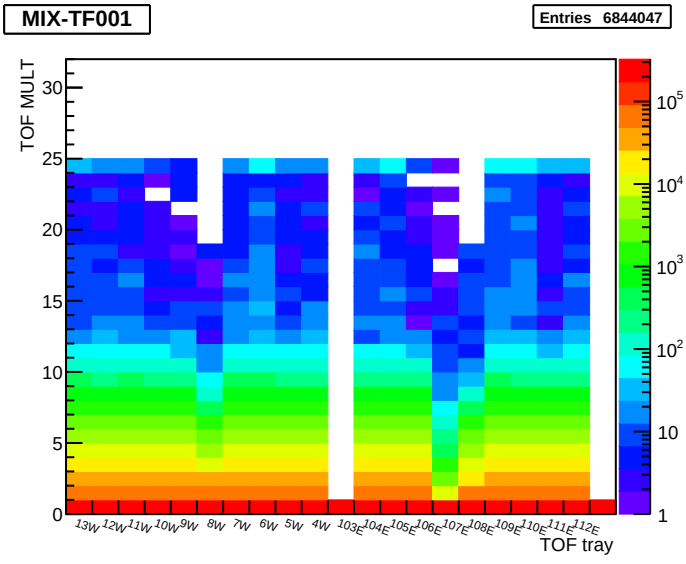

BunchId7Bit (ZDC-TAC)
Entries 705

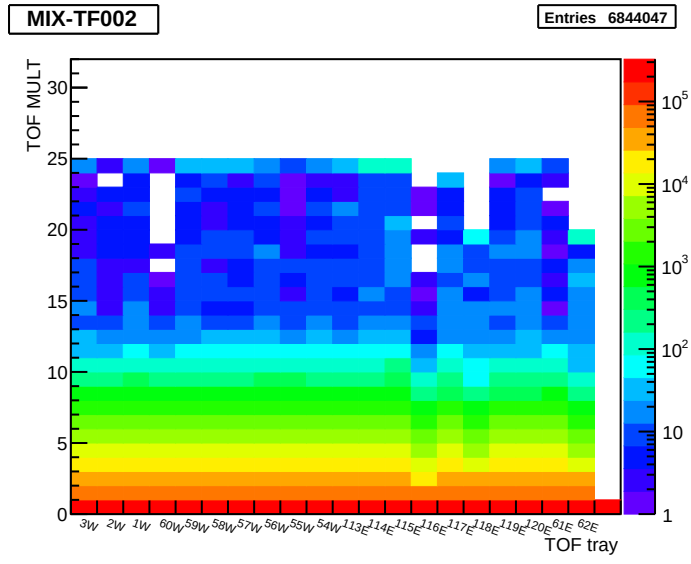

BunchId7Bit (EPD-TAC)
Entries 259063

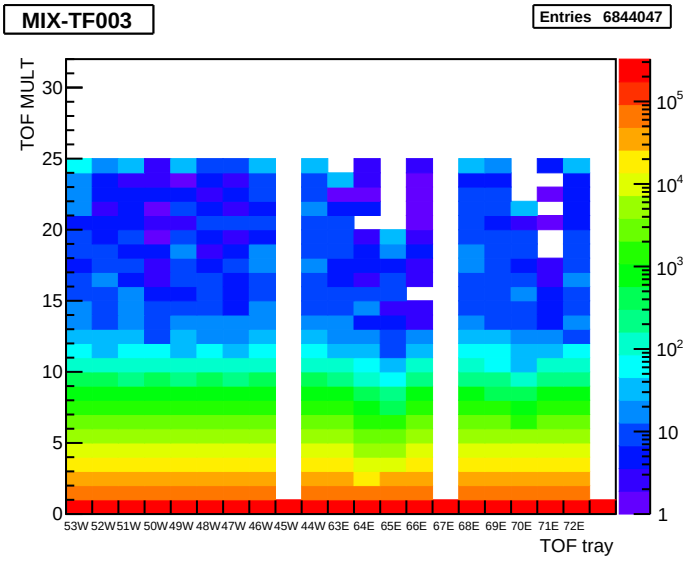

BunchId7Bit (BBC-TAC)
Entries 137145

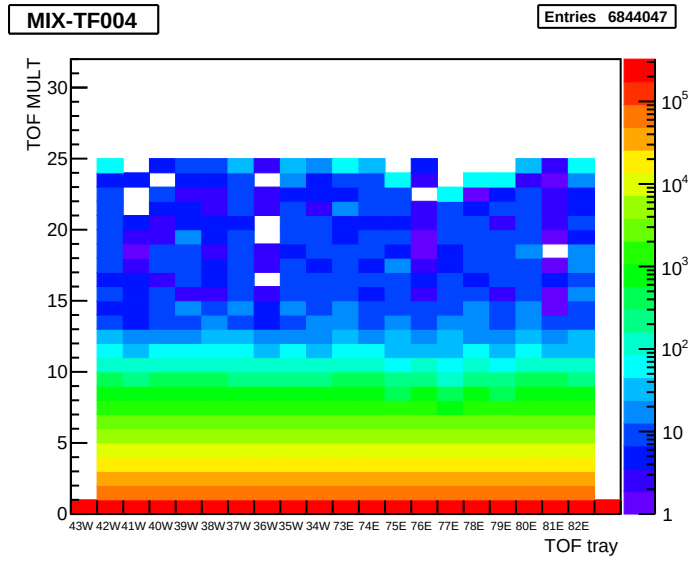

BunchId7Bit (Laser)
Entries 0

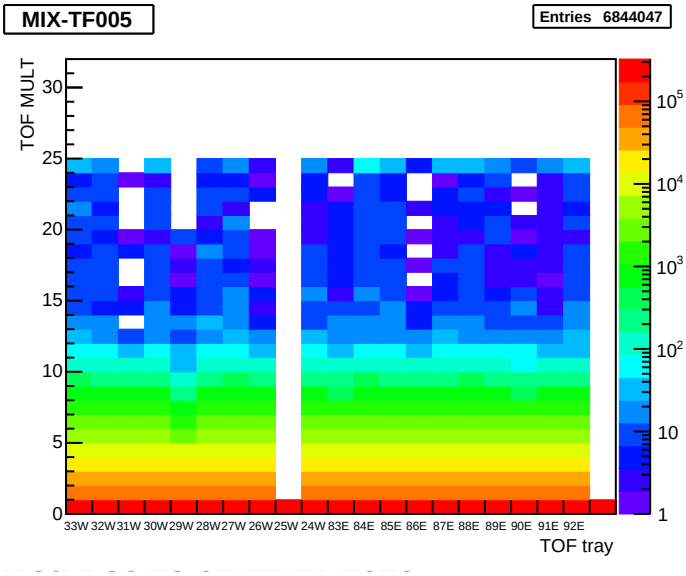

BunchId7Bit (TOFmult window)
Entries 11904

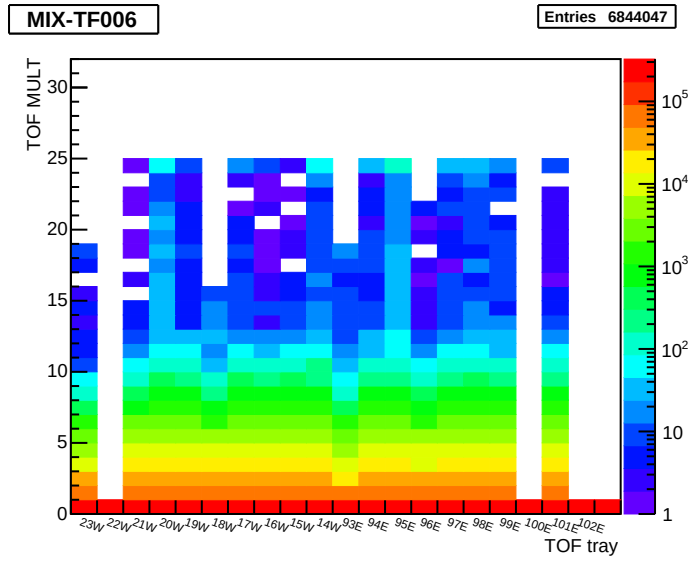

MIX-TF001
Entries 6844047
TOF MULT
TOF tray

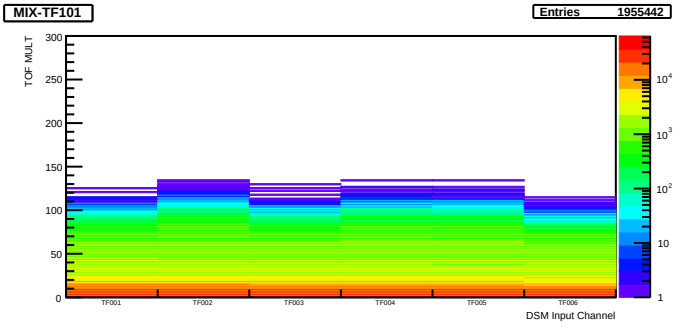

MIX-TF002
Entries 6844047
TOF MULT
TOF tray

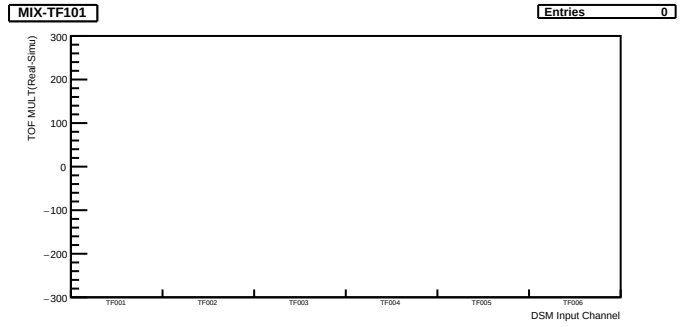

MIX-TF003
Entries 6844047
TOF MULT
TOF tray

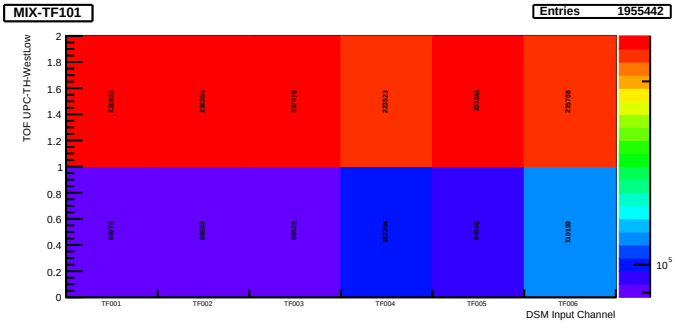

MIX-TF004
Entries 6844047
TOF MULT
TOF tray

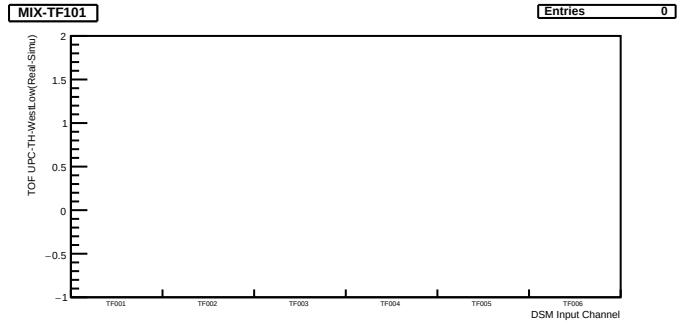

MIX-TF005
Entries 6844047
TOF MULT
TOF tray

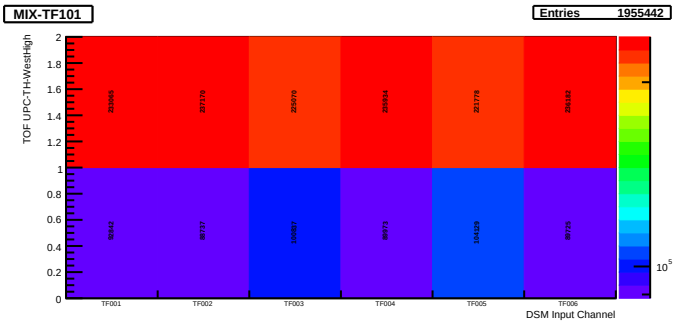

MIX-TF006
Entries 6844047
TOF MULT
TOF tray

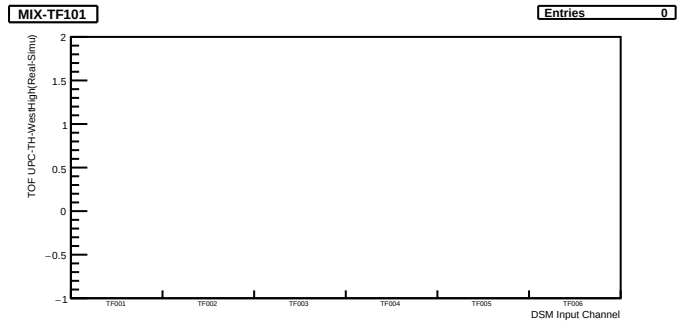

MIX-TF101
Entries 1955442
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

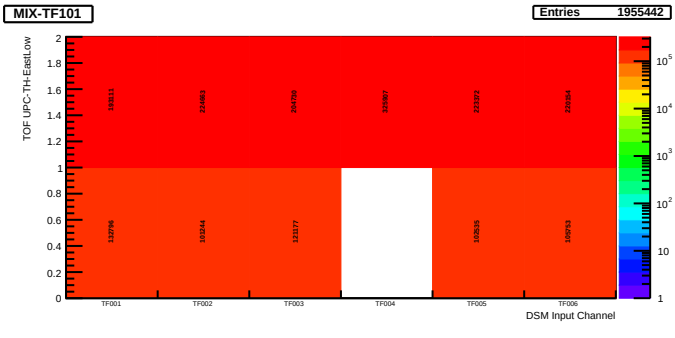

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

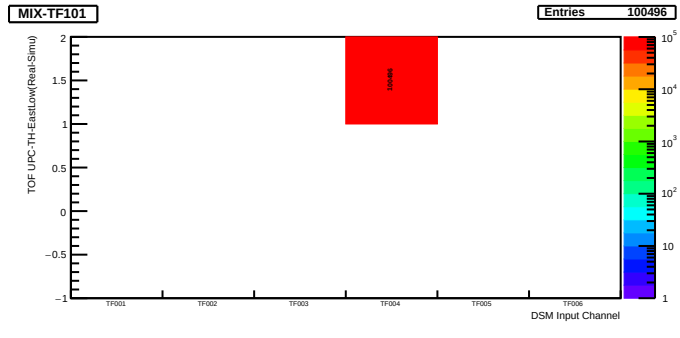

MIX-TF101
Entries 1955442
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

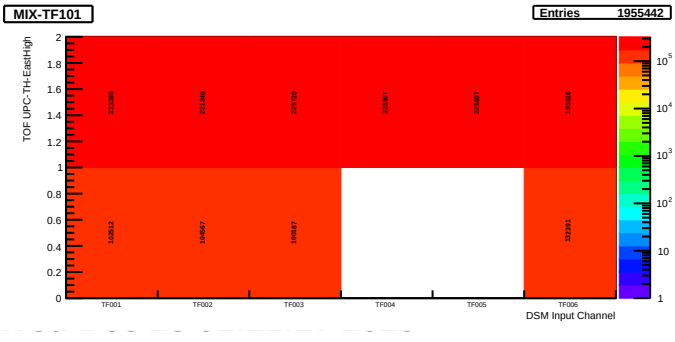

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

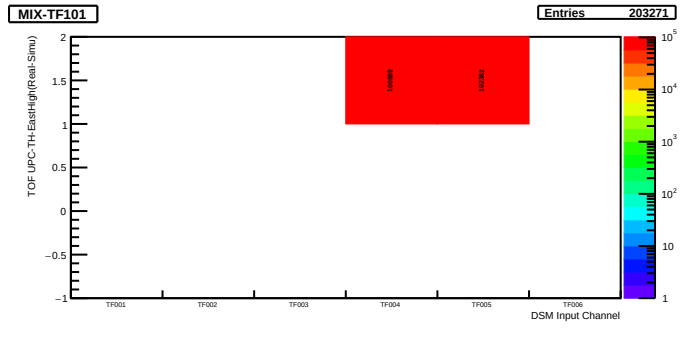

MIX-TF101
Entries 1955442
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

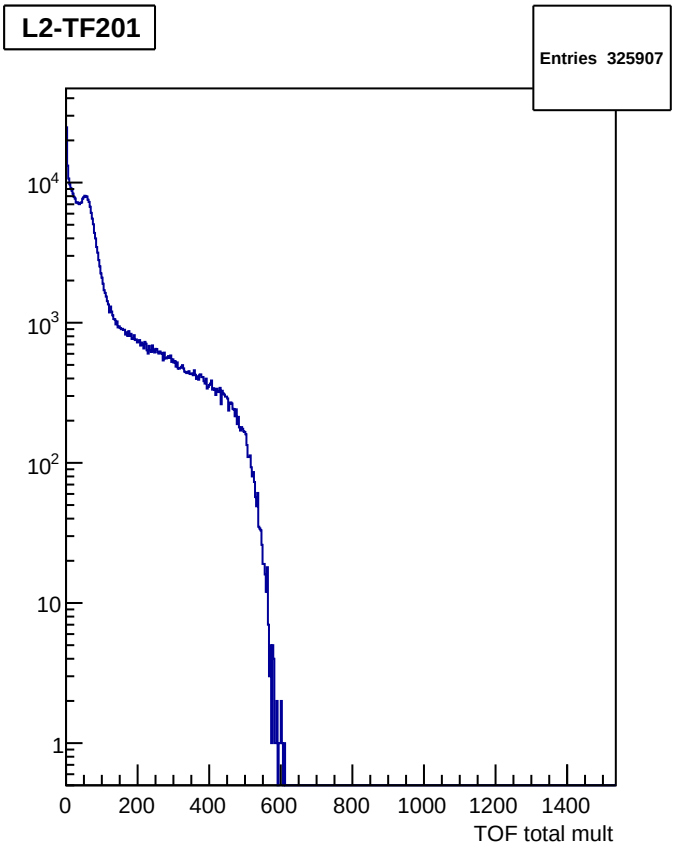

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

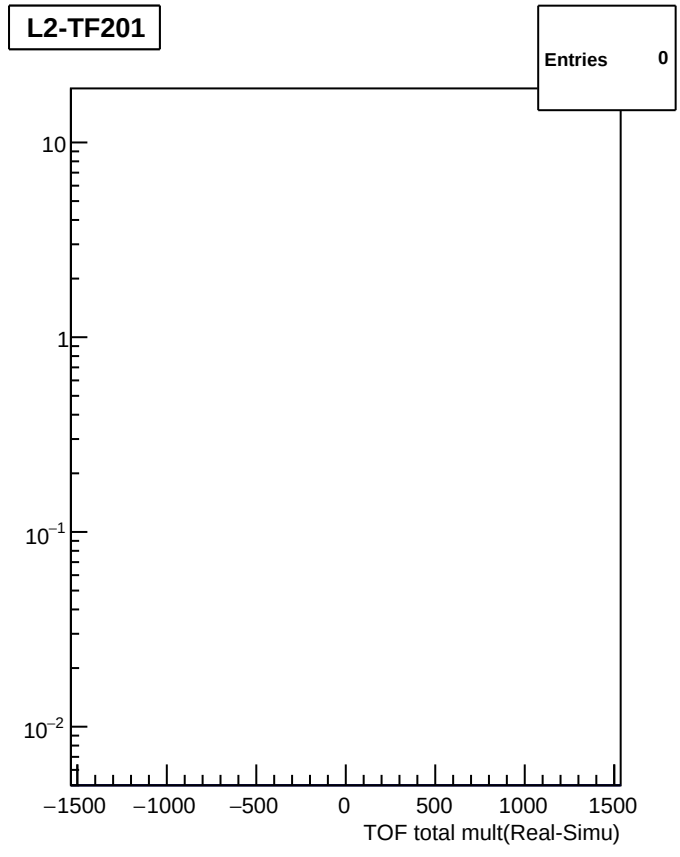

MIX-TF101
Entries 1955442
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

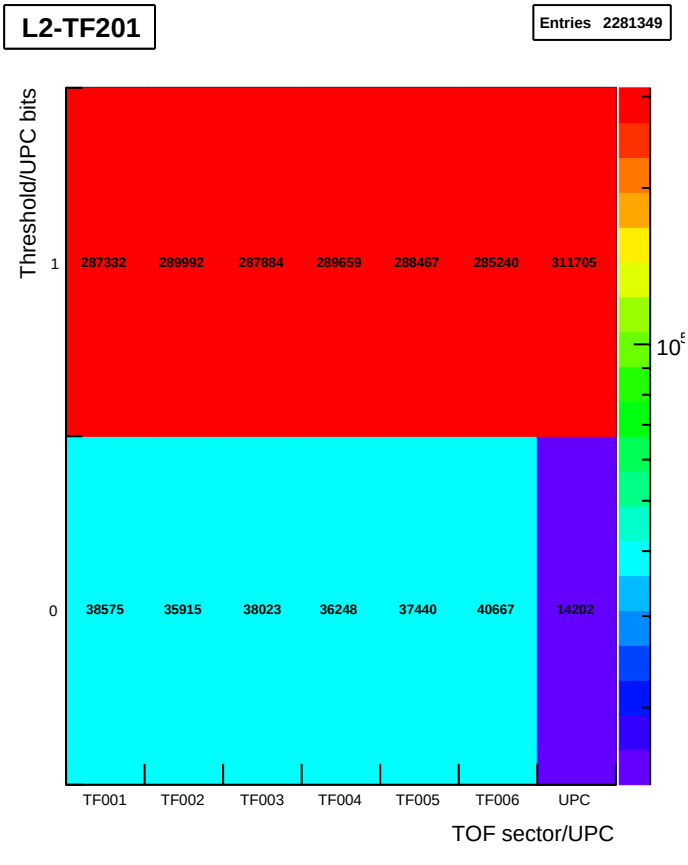

MIX-TF101
Entries 100496
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

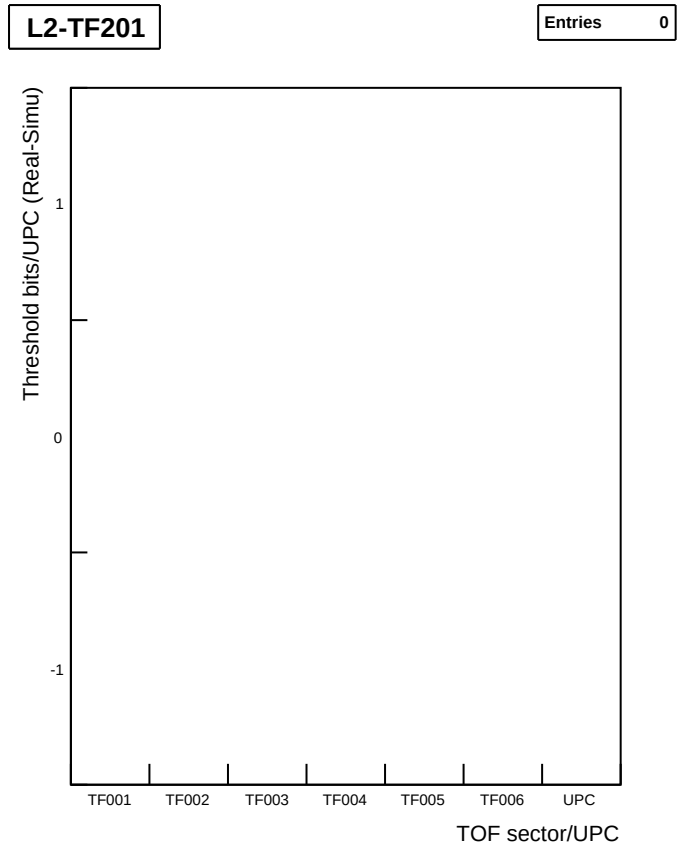

MIX-TF101
Entries 1955442
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

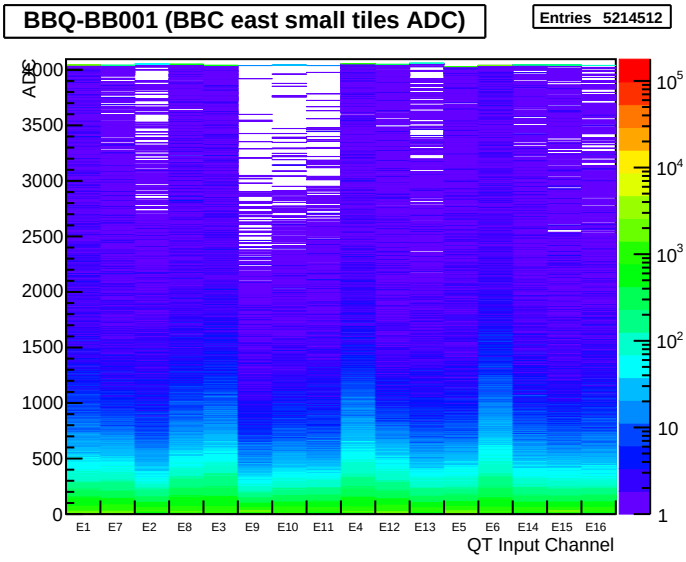

MIX-TF101
Entries 203271
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

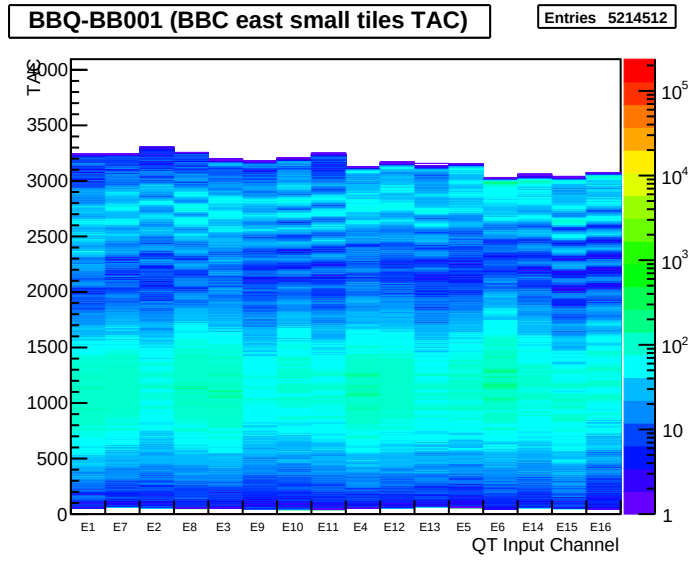

L2-TF201
Entries 325907
TOF total mult

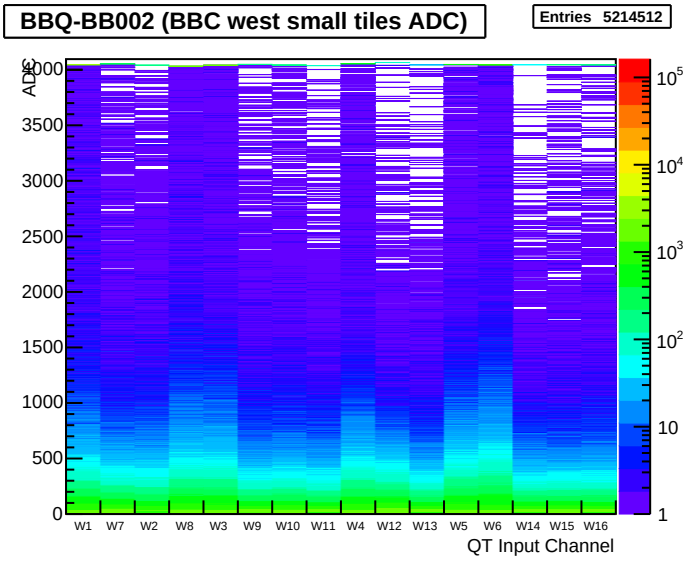

L2-TF201
Entries 0
TOF total mult(Real-Simu)

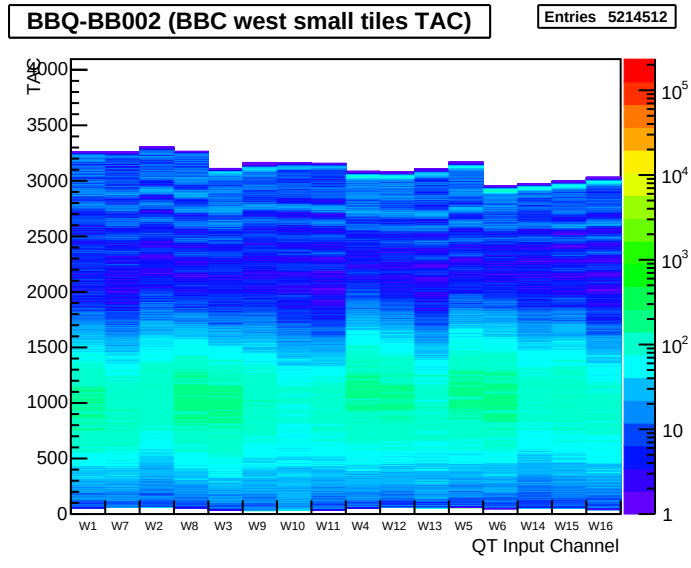

L2-TF201
Entries 2281349
Threshold/UPC bits
287332 289992 287884 289659 288467 285240 311705
38575 35915 38023 36248 37440 40667 14202
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

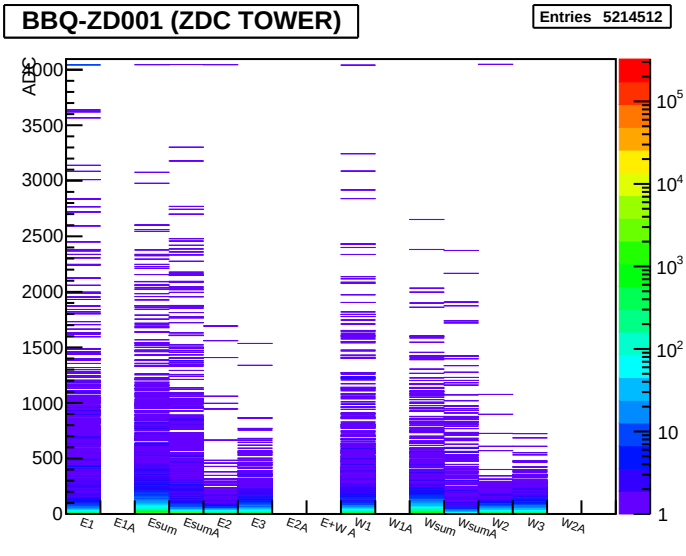

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

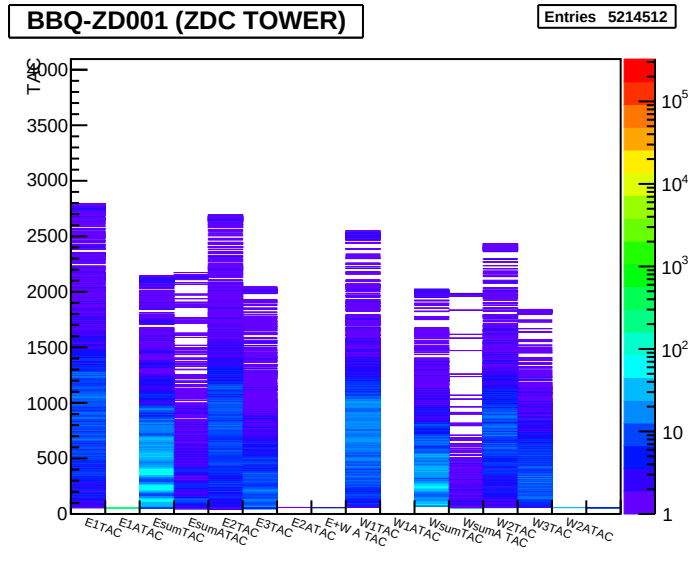

BBQ-BB001 (BBC east small tiles ADC)
Entries 5214512
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

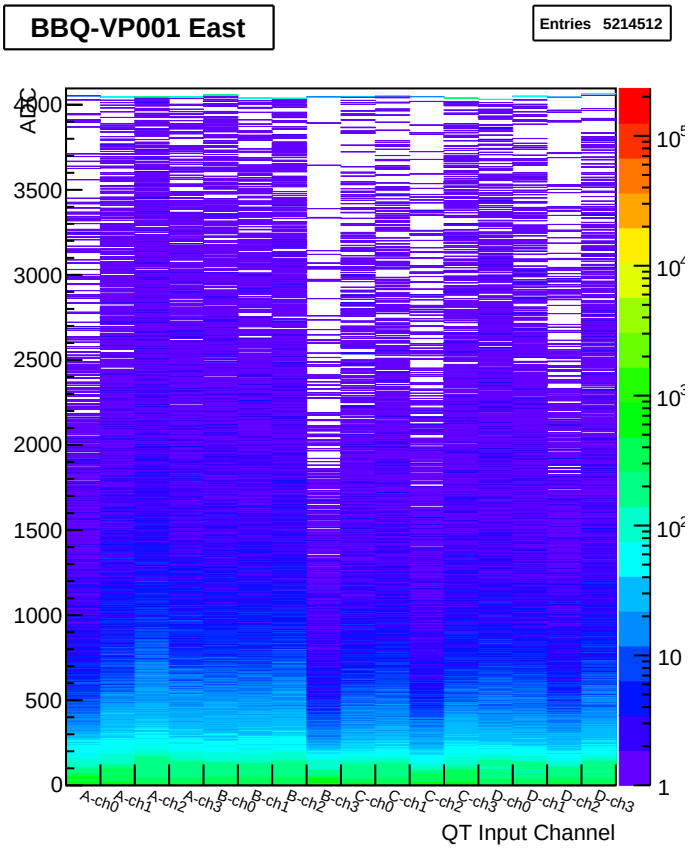

BBQ-BB001 (BBC east small tiles TAC)
Entries 5214512
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

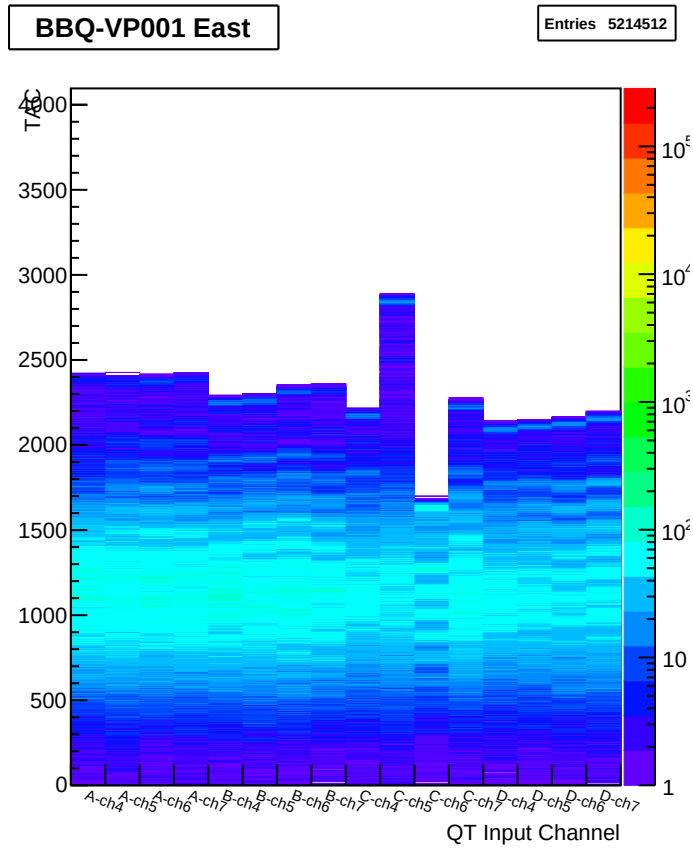

BBQ-BB002 (BBC west small tiles ADC)
Entries 5214512
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

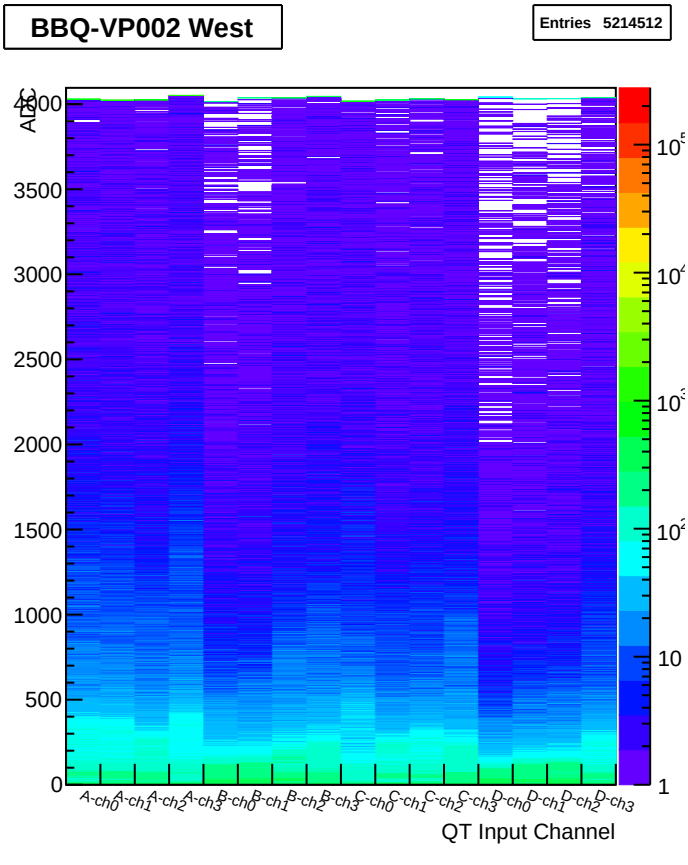

BBQ-BB002 (BBC west small tiles TAC)
Entries 5214512
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

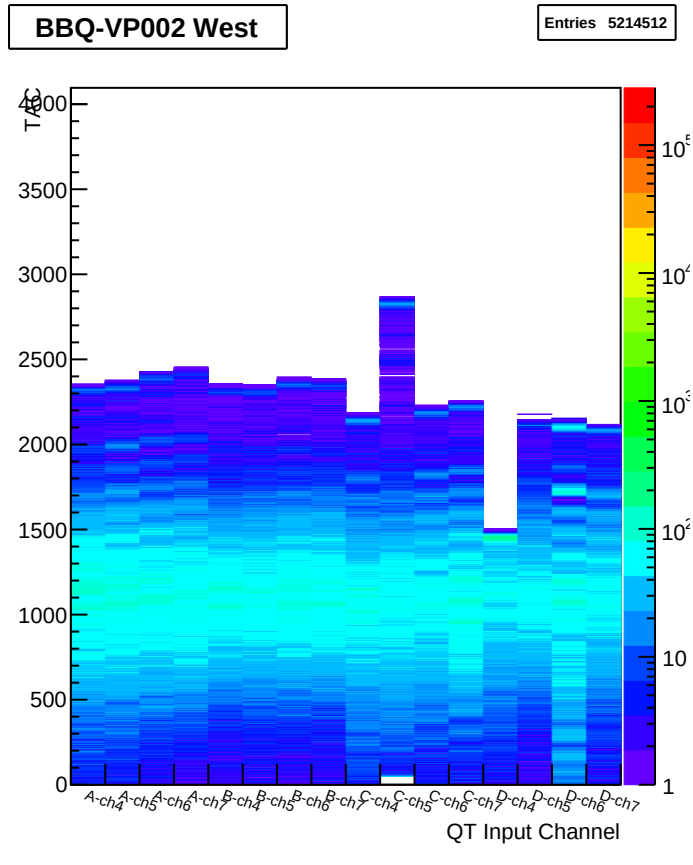

BBQ-ZD001 (ZDC TOWER)
Entries 5214512
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

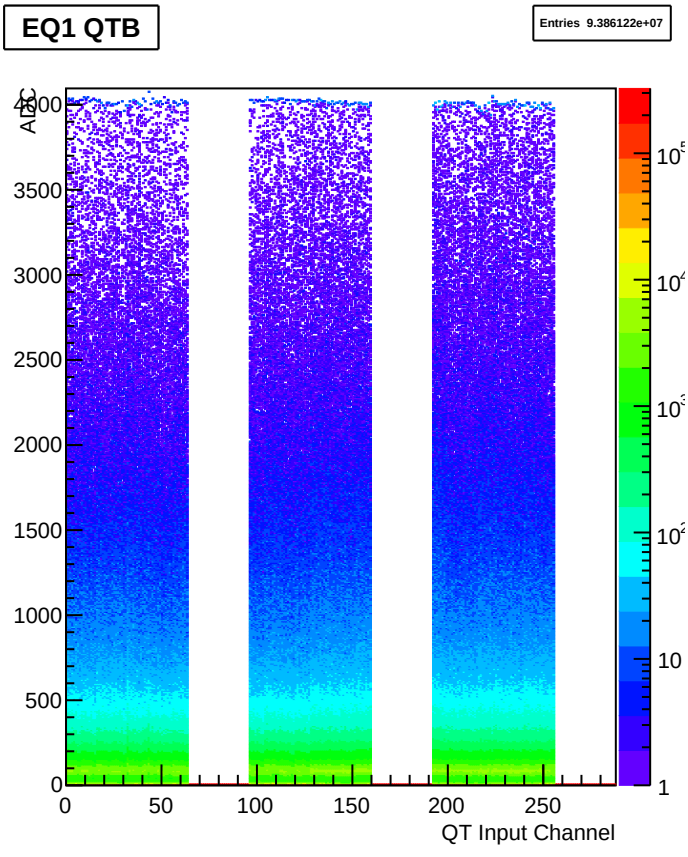

BBQ-ZD001 (ZDC TOWER)
Entries 5214512
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

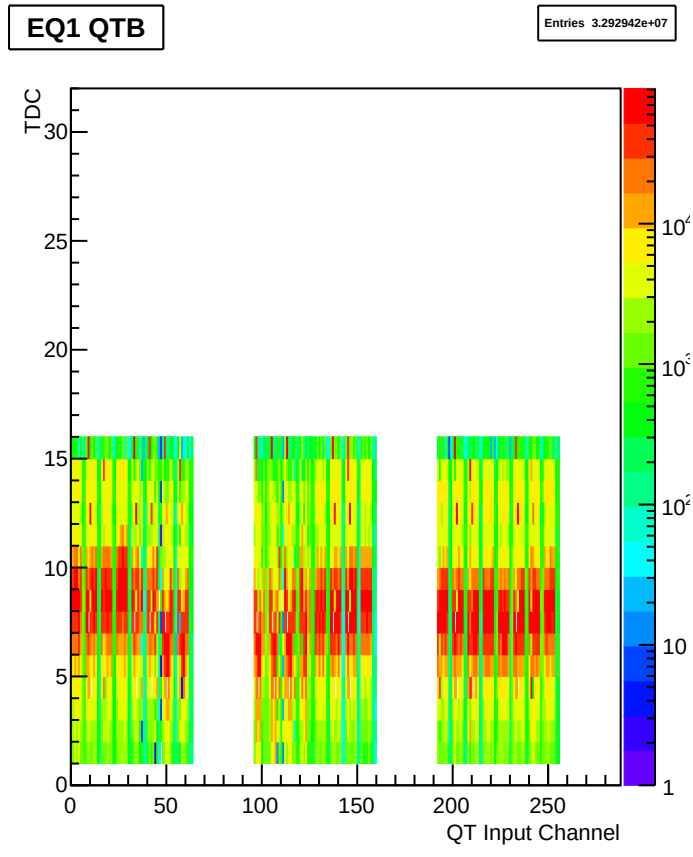

BBQ-VP001 East
Entries 5214512
ADC
QT Input Channel

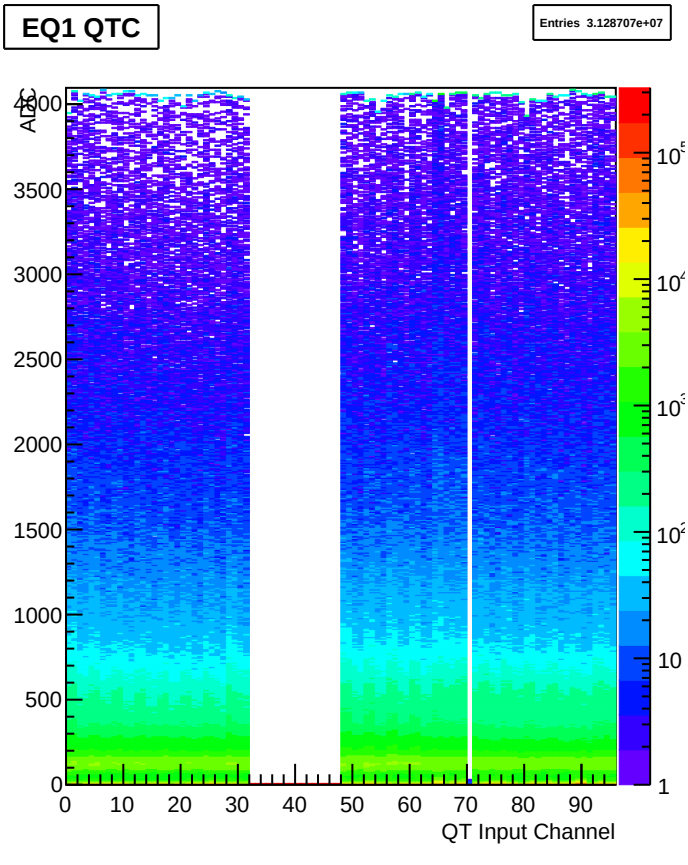

BBQ-VP001 East
Entries 5214512
ADC
QT Input Channel

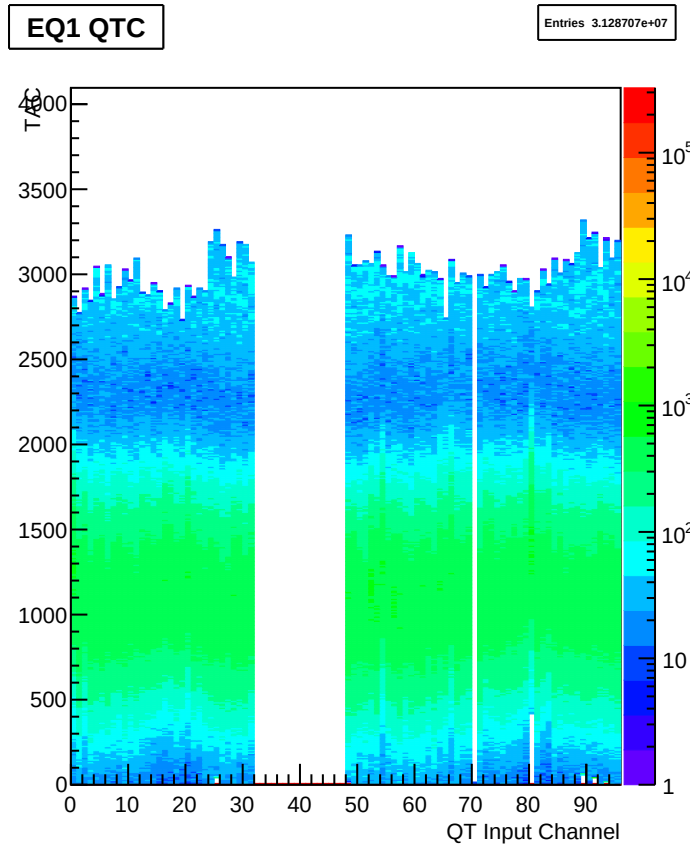

BBQ-VP002 West
Entries 5214512
ADC
QT Input Channel

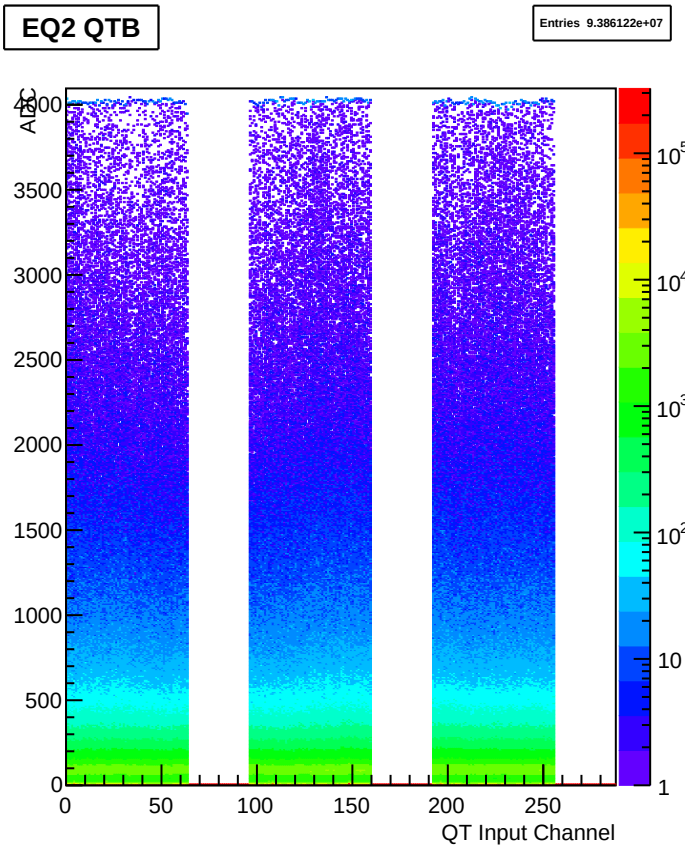

BBQ-VP002 West
Entries 5214512
ADC
QT Input Channel

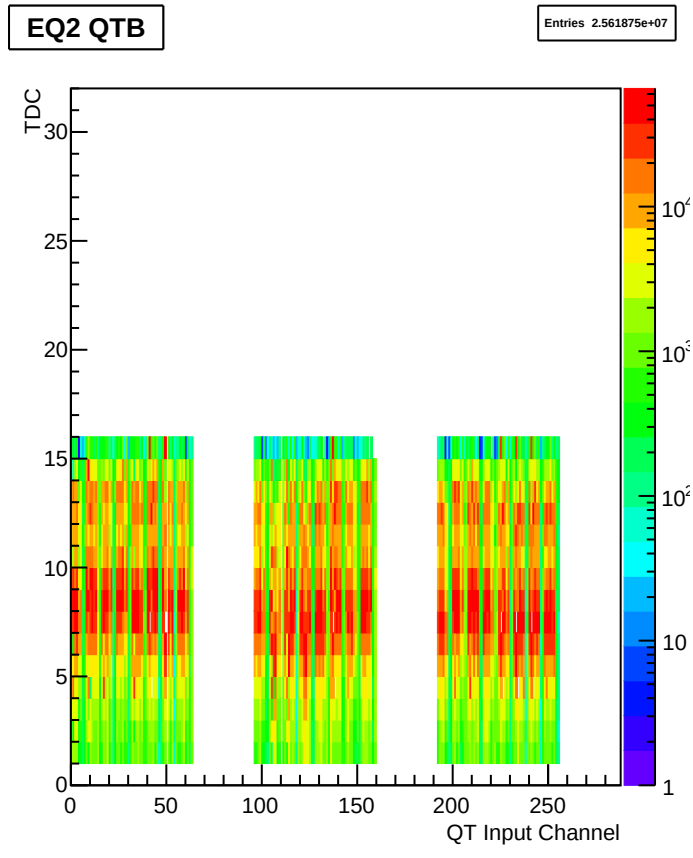

EQ1 QTB
Entries 9.386122e+07
ADC
QT Input Channel

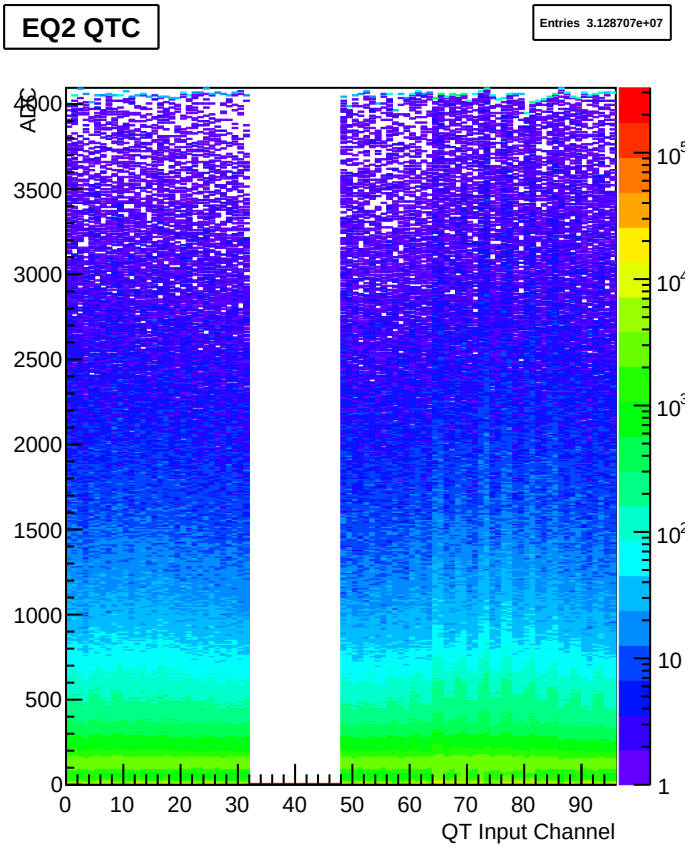

EQ1 QTB
Entries 3.292942e+07
TDC
QT Input Channel

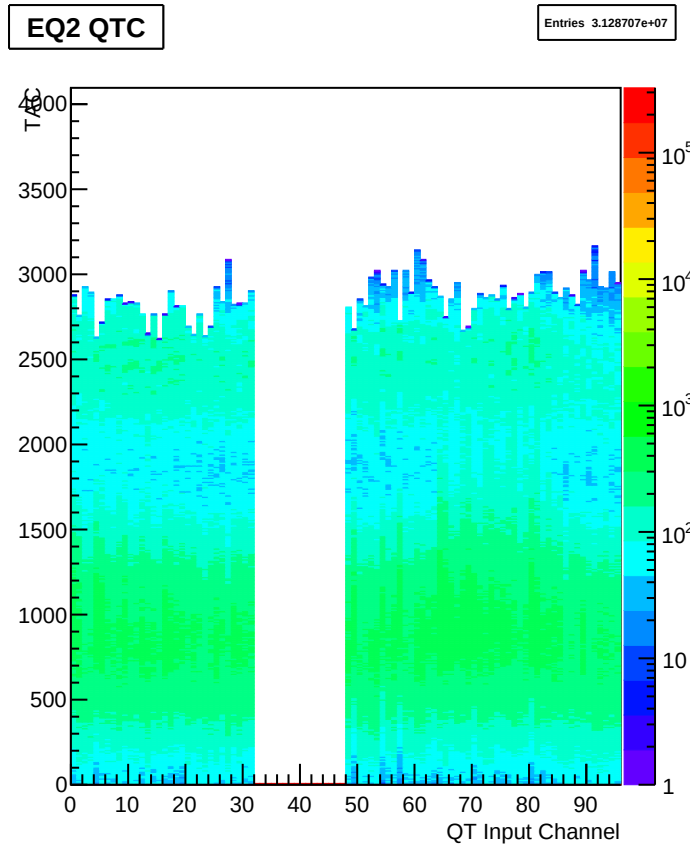

EQ1 QTC
Entries 3.128707e+07
ADC
QT Input Channel

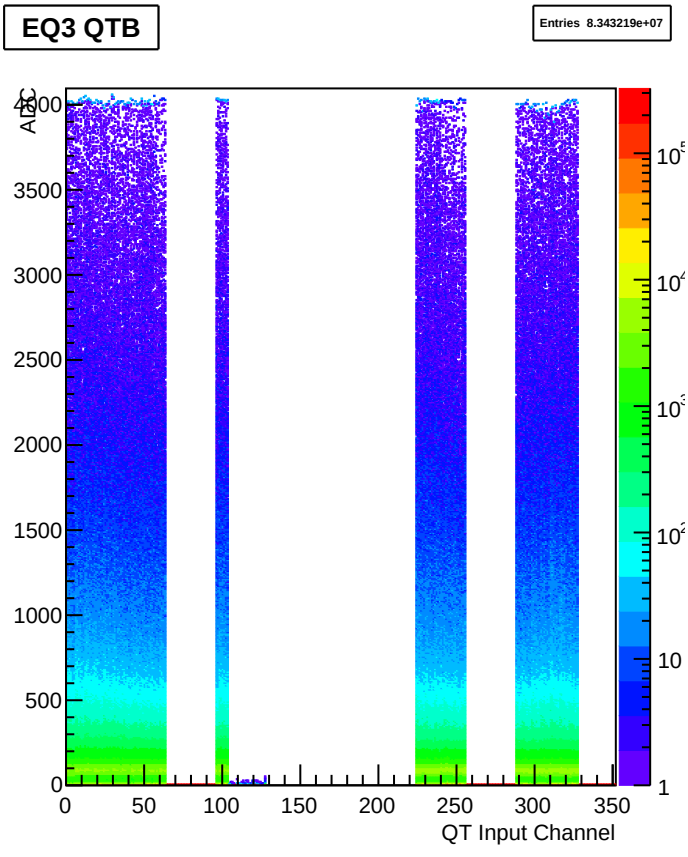

EQ1 QTC
Entries 3.128707e+07
TADC
QT Input Channel

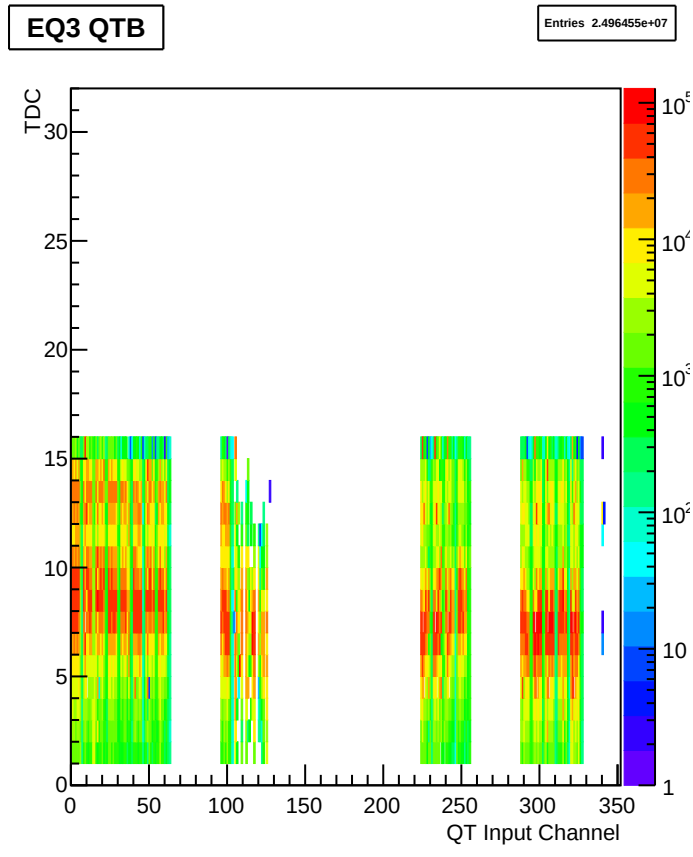

EQ2 QTB
Entries 9.386122e+07
ADC
QT Input Channel

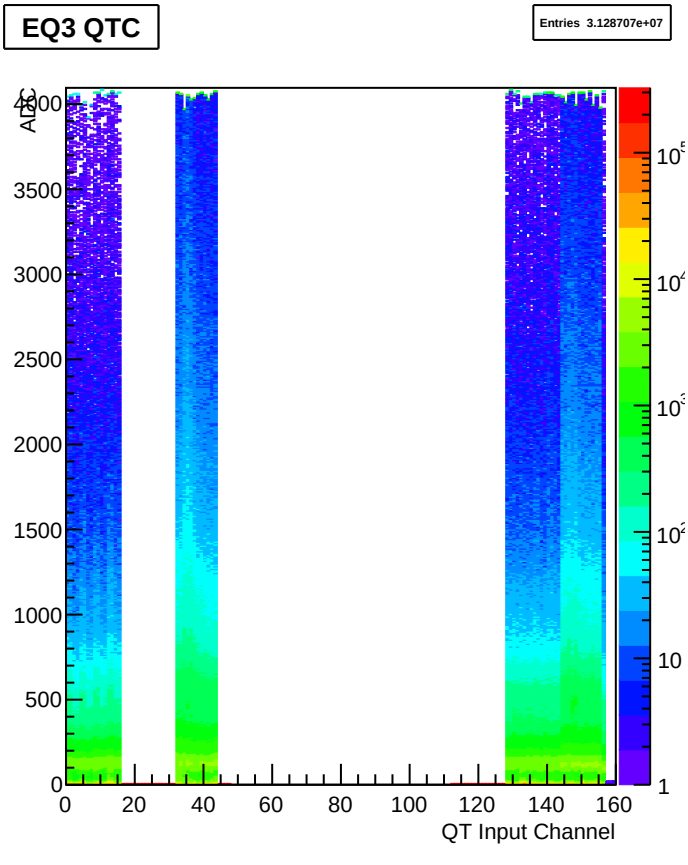

EQ2 QTB
Entries 2.561875e+07
TDC
QT Input Channel

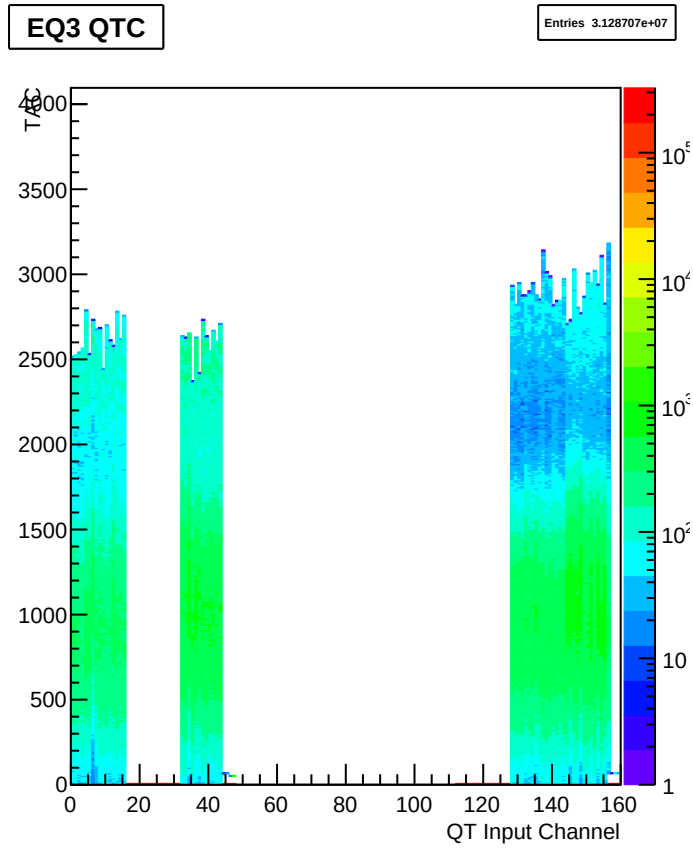

EQ2 QTC
Entries 3.128707e+07
ADC
QT Input Channel

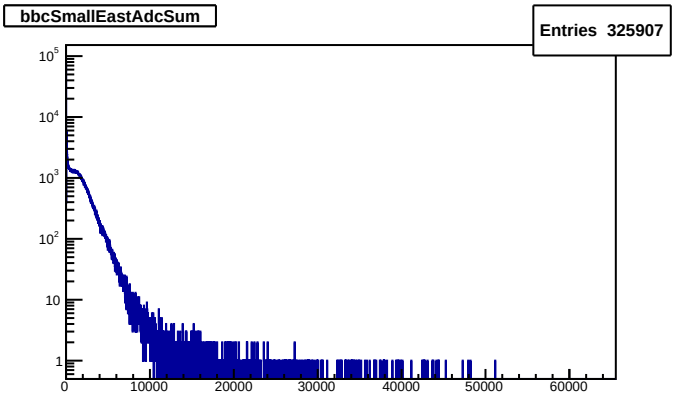

EQ2 QTC
Entries 3.128707e+07
TADC
QT Input Channel

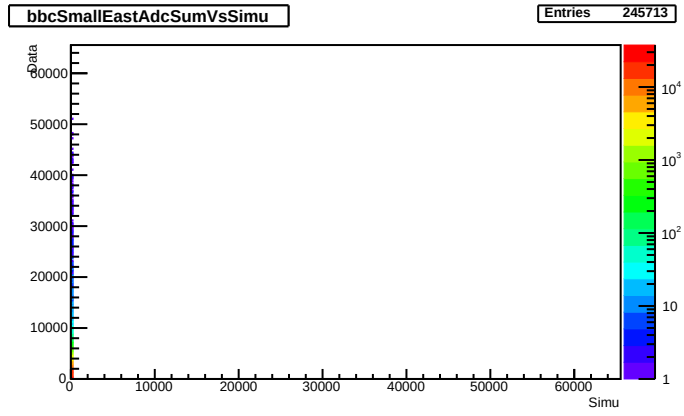

EQ3 QTB
Entries 8.343219e+07
ADC
QT Input Channel

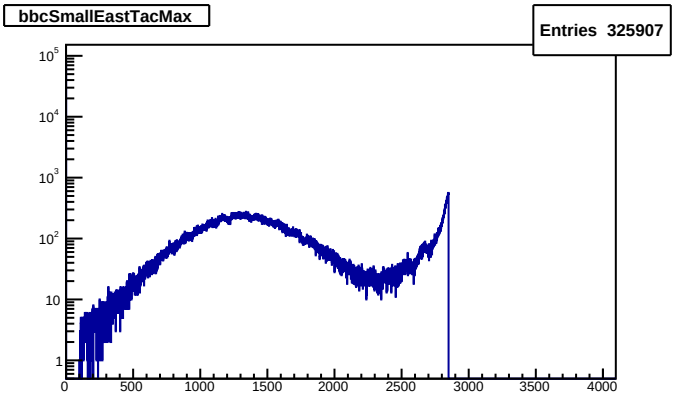

EQ3 QTB
Entries 2.496455e+07
TDC
QT Input Channel

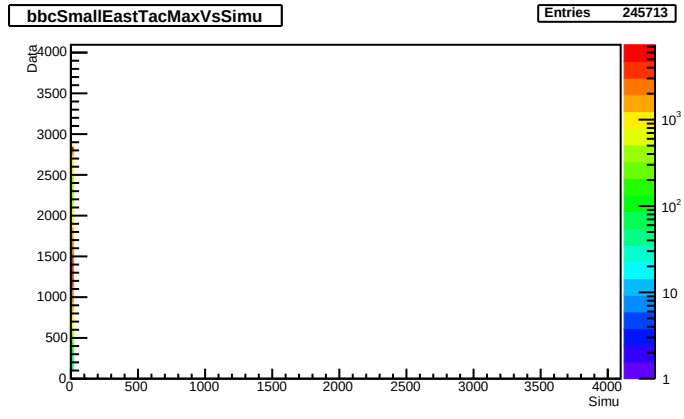

EQ3 QTC
Entries 3.128707e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.128707e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 325907


bbcSmallEastAdcSumVsSimu
Entries 245713
Data
Simu


bbcSmallEastTacMax
Entries 325907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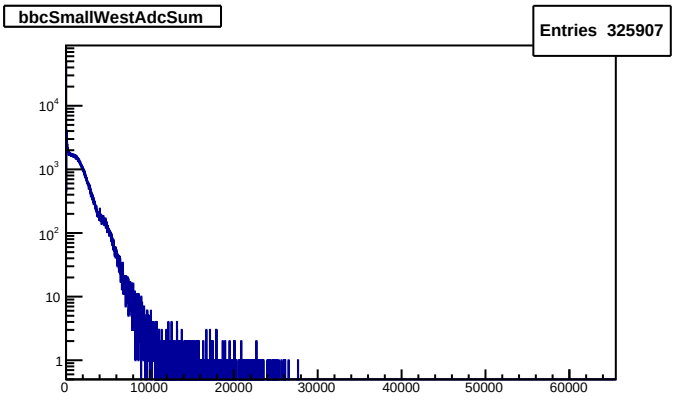
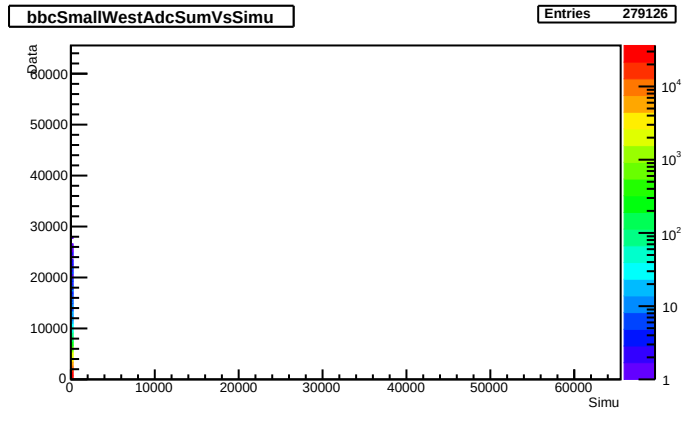
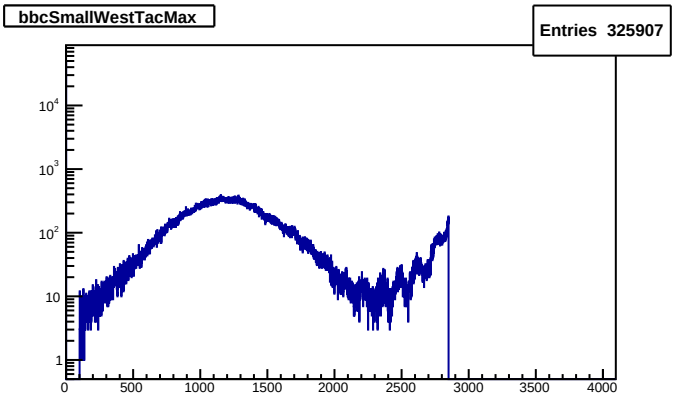
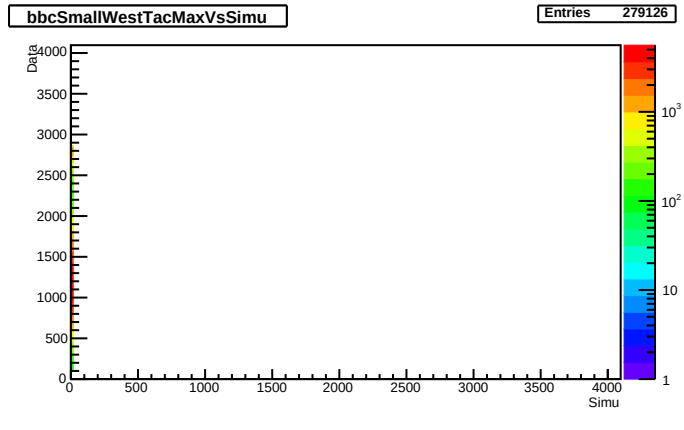
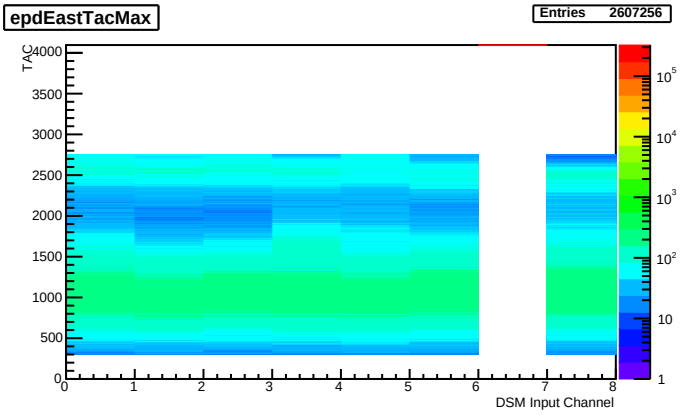
Entries 245713
Data
Simu

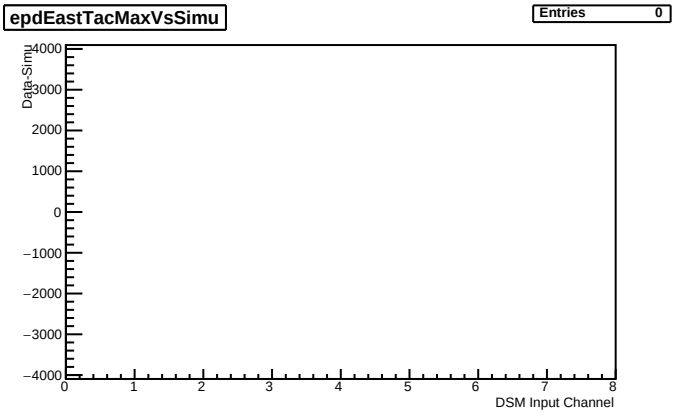

bbcSmallWestAdcSum
Entries 325907

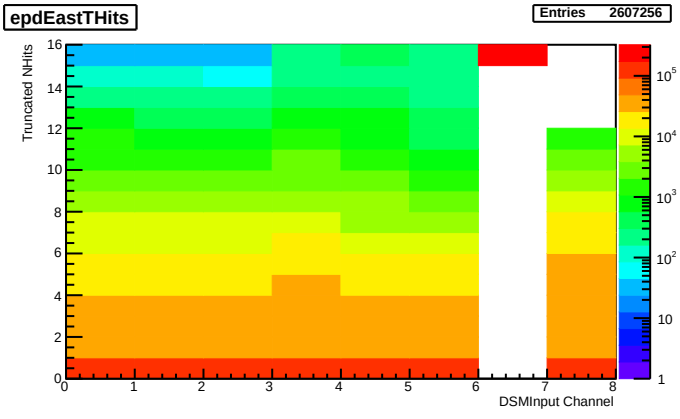

bbcSmallWestAdcSumVsSimu
Entries 279126
Data
Simu

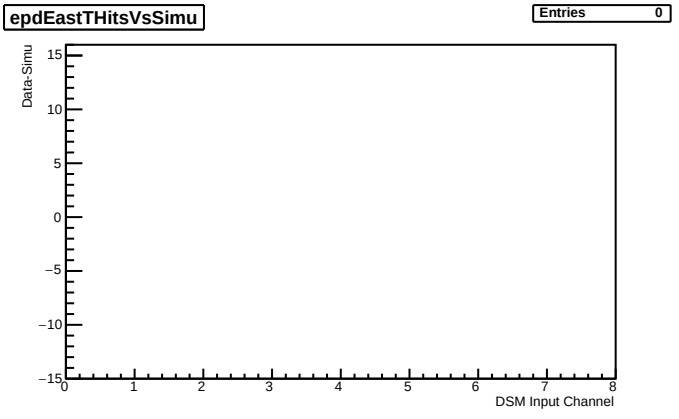

bbcSmallWestTacMax
Entries 325907

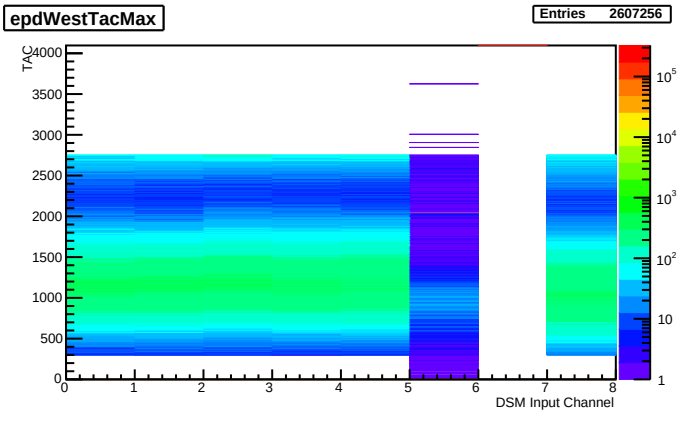

bbcSmallWestTacMaxVsSimu
Entries 279126
Data
Simu

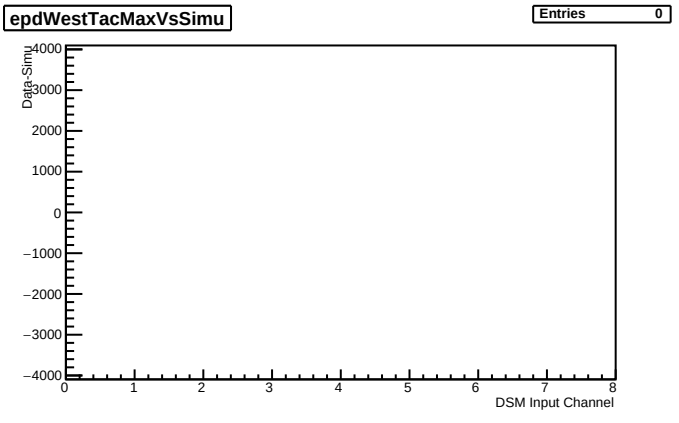

epdEastTacMax
Entries 2607256
TAC
DSM Input Channel

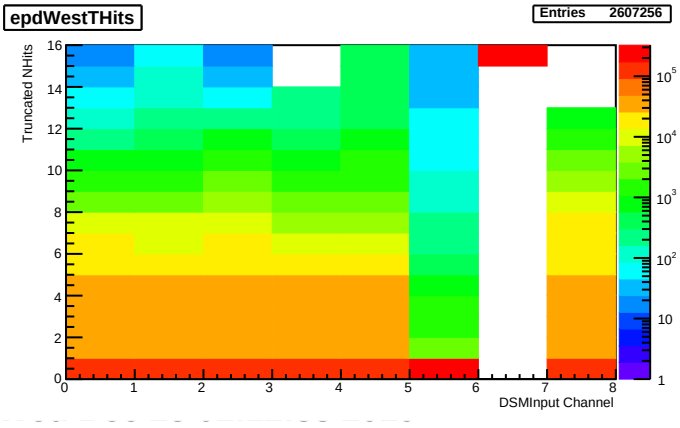

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

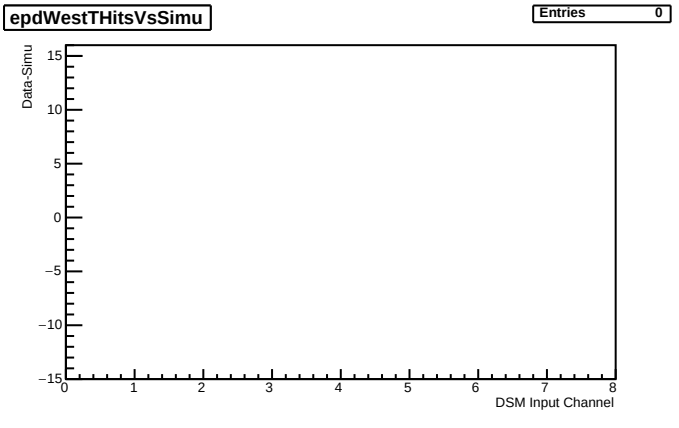

epdEastTHits
Entries 2607256
Truncated NHits
DSMInput Channel

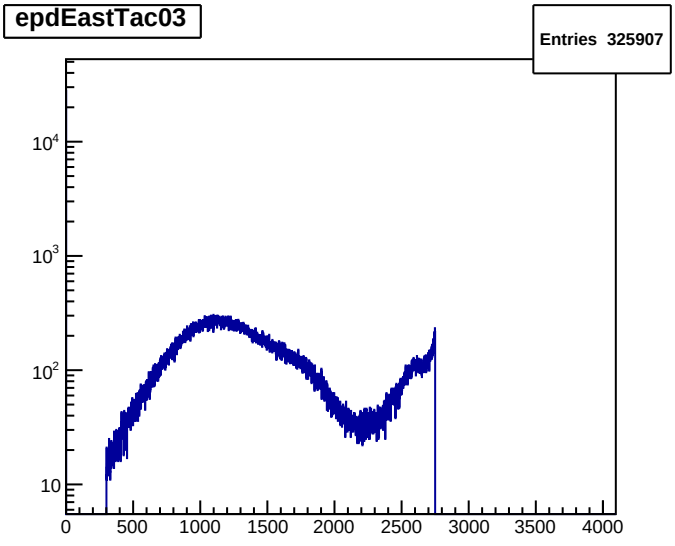

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

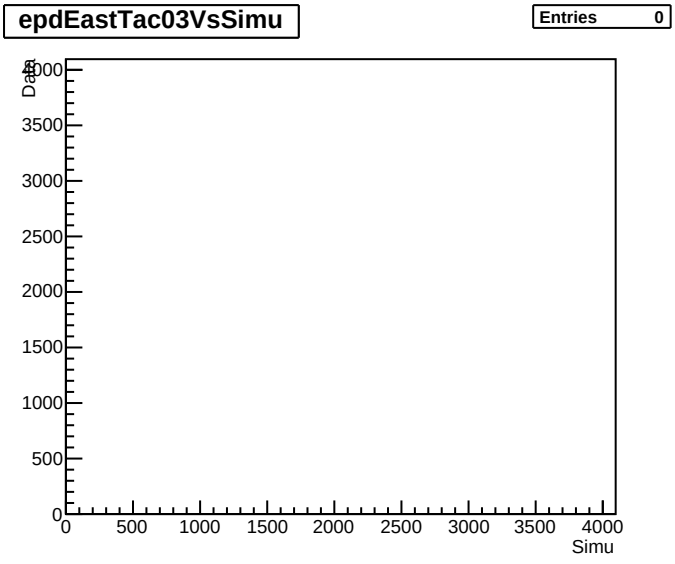

epdWestTacMax
Entries 2607256
TAC
DSM Input Channel

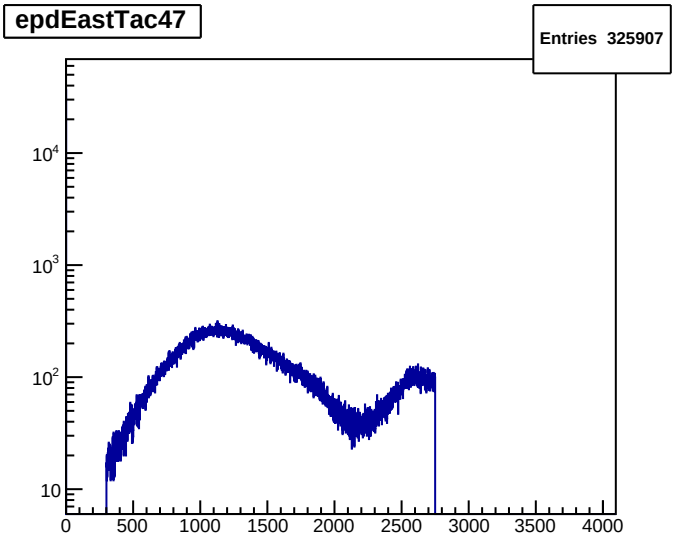

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

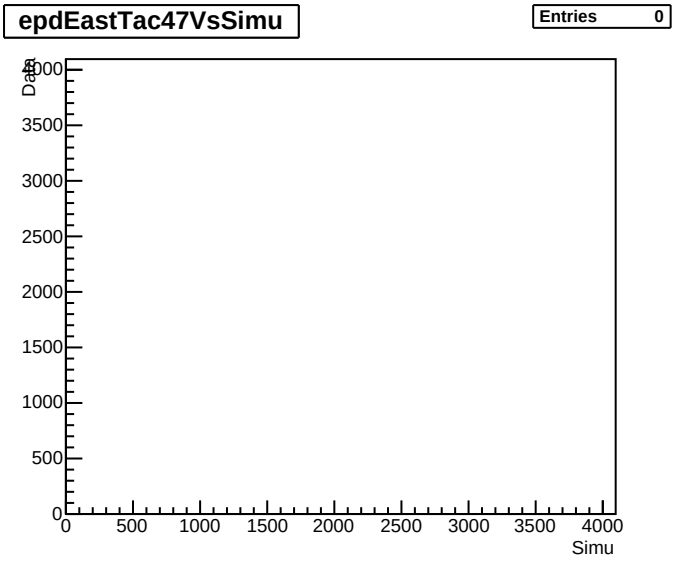

epdWestTHits
Entries 2607256
Truncated NHits
DSMInput Channel

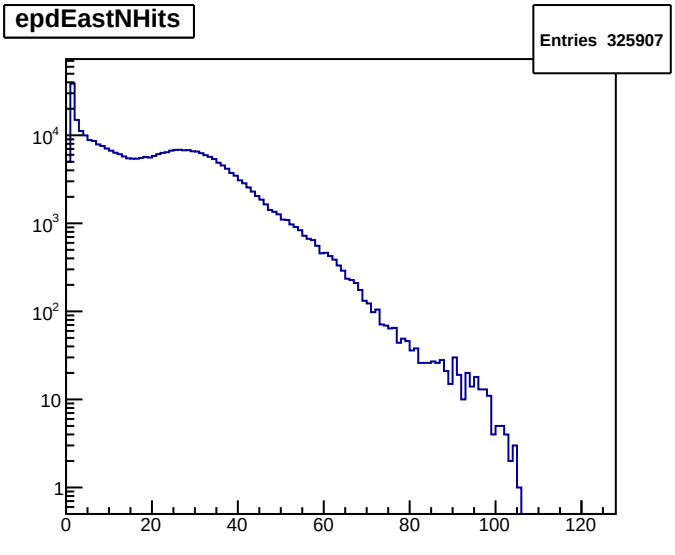

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

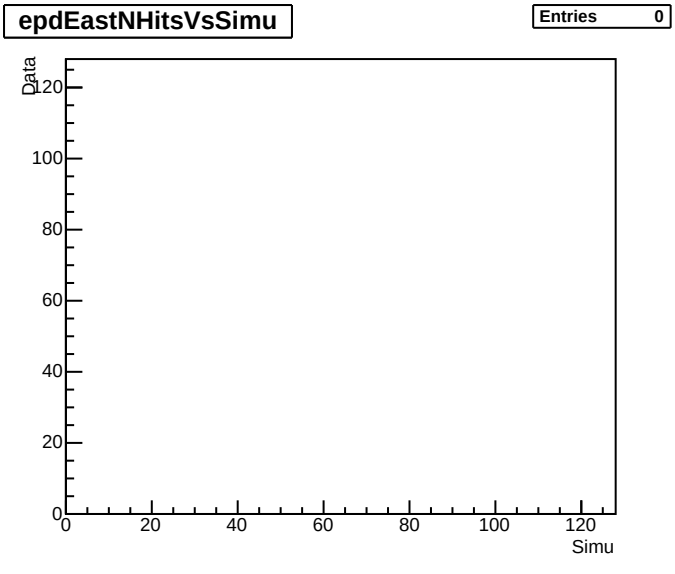

epdEastTac03
Entries 325907


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 325907


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 325907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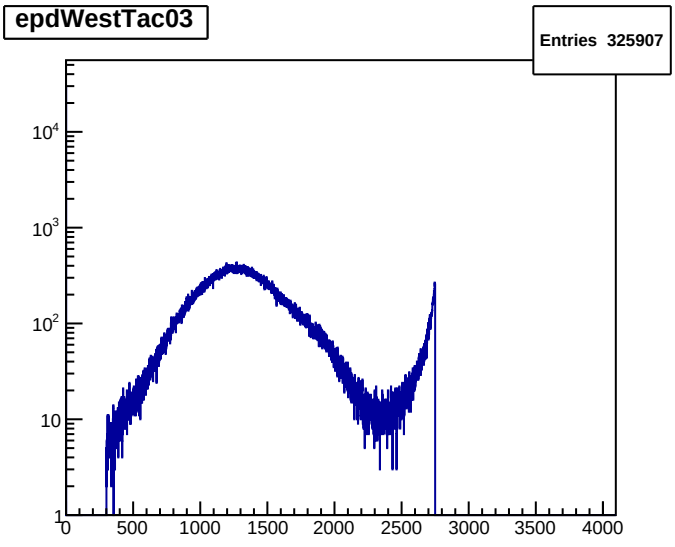
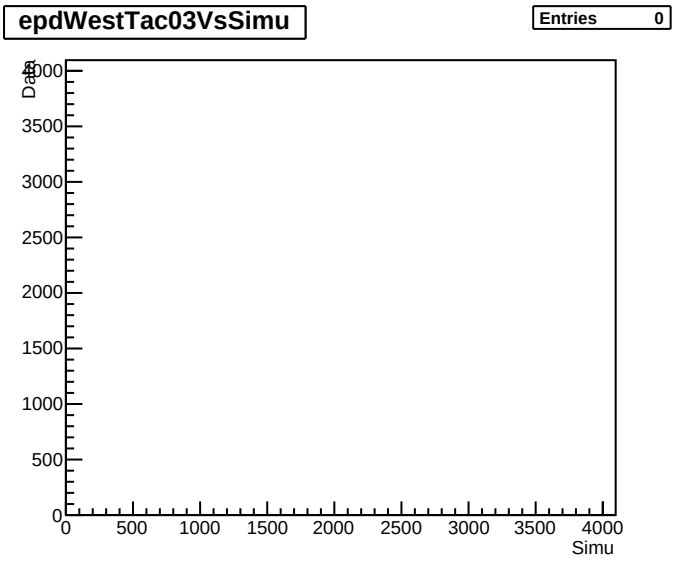
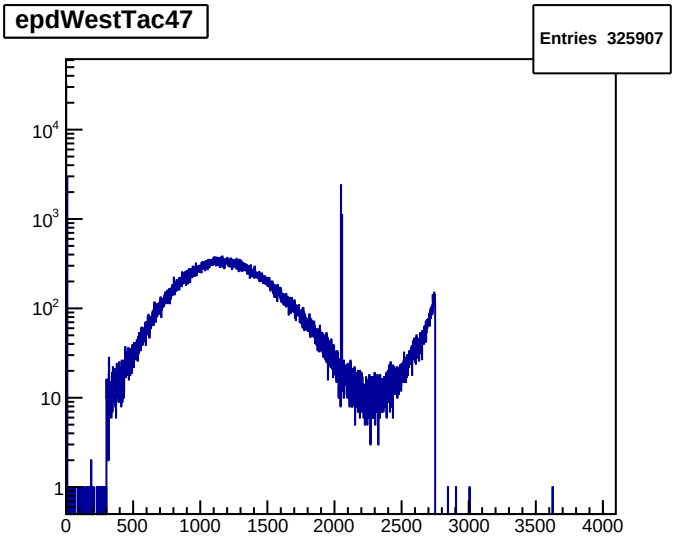
Entries 0
Data
Simu


epdWestTac03
Entries 325907


epdWestTac03VsSimu
Entries 0
Data
Simu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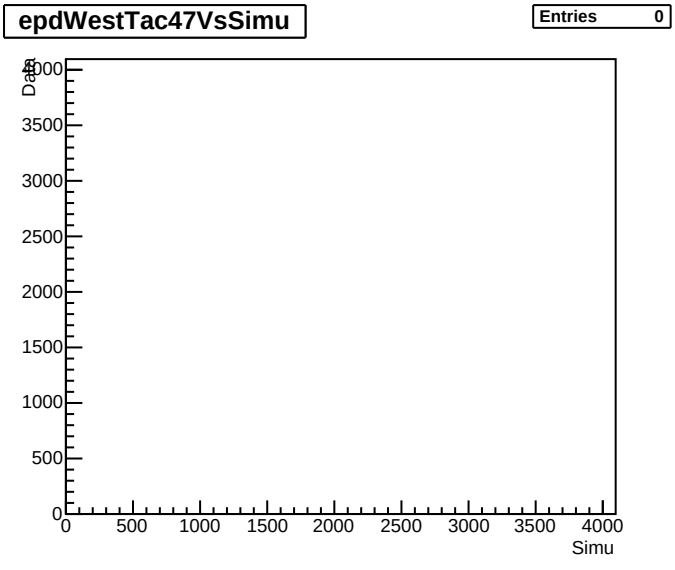
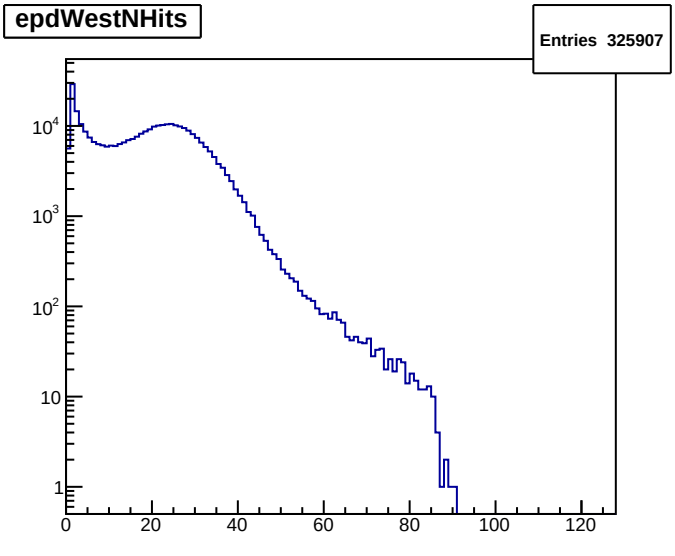
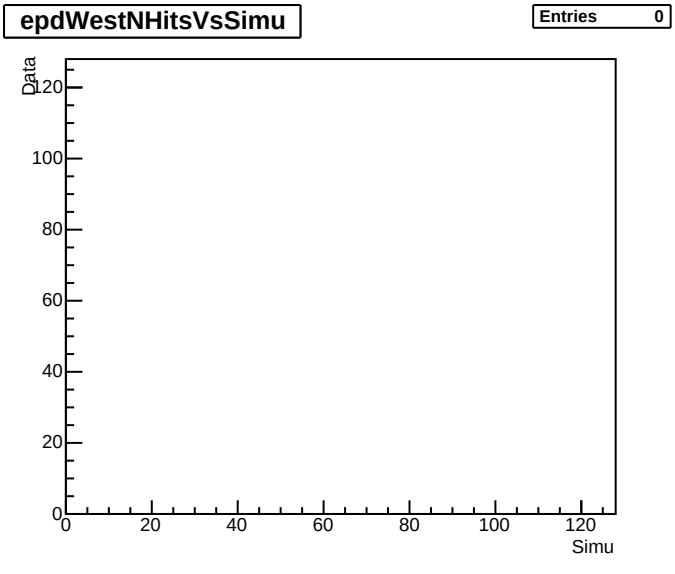
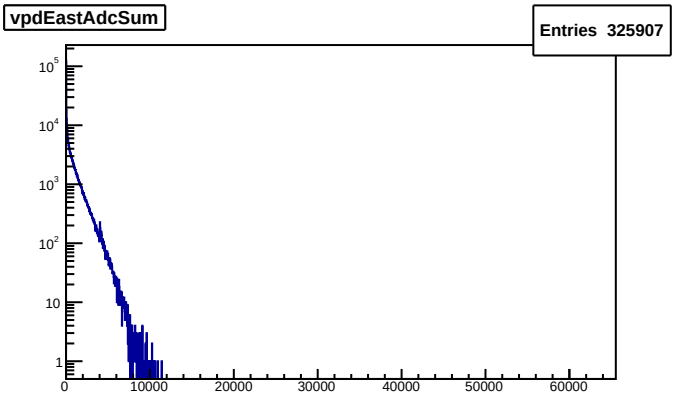
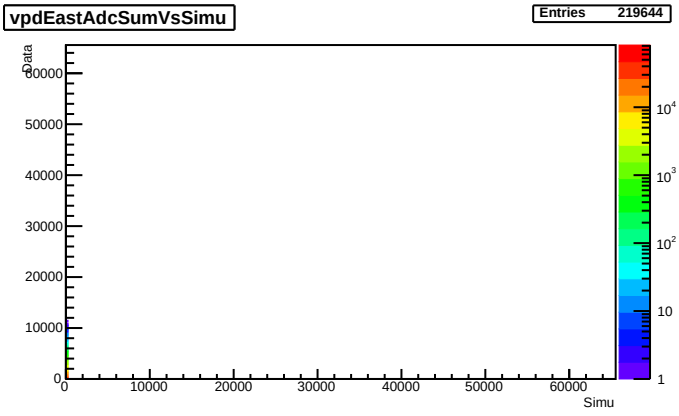
Entries 325907

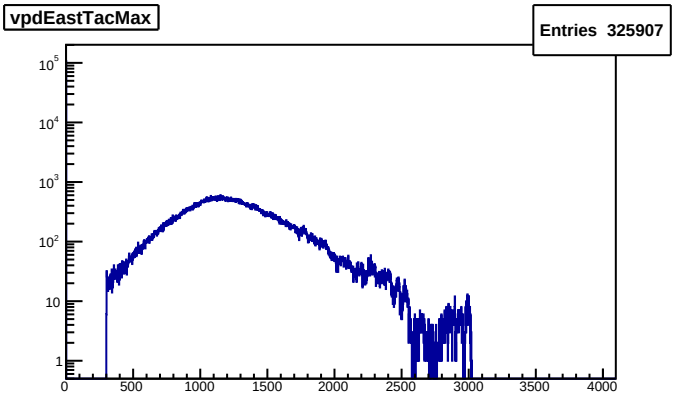

epdWestTac47VsSimu
Entries 0
Data
Simu

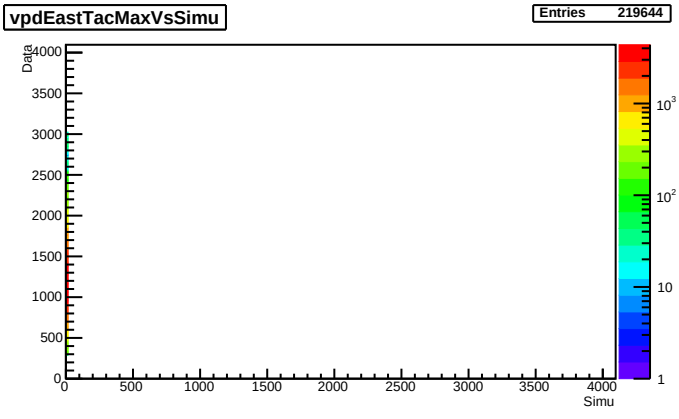

epdWestNHits
Entries 325907

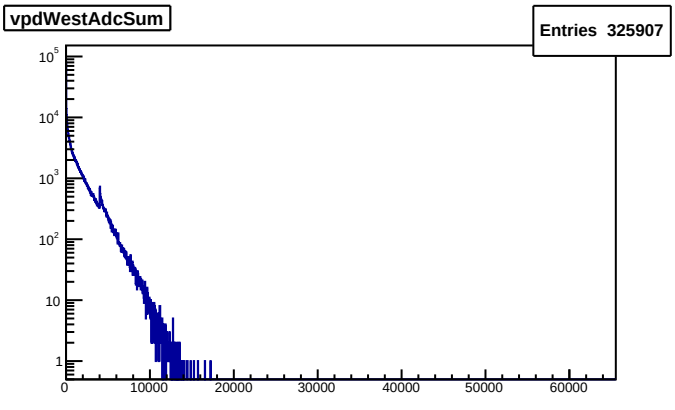

epdWestNHitsVsSimu
Entries 0
Data
Simu

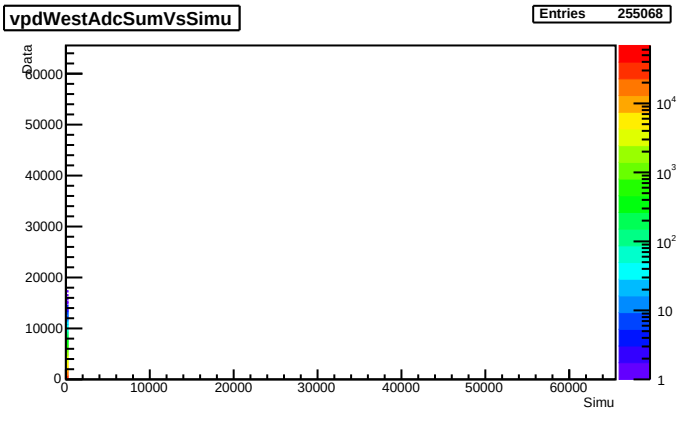

vpdEastAdcSum
Entries 325907

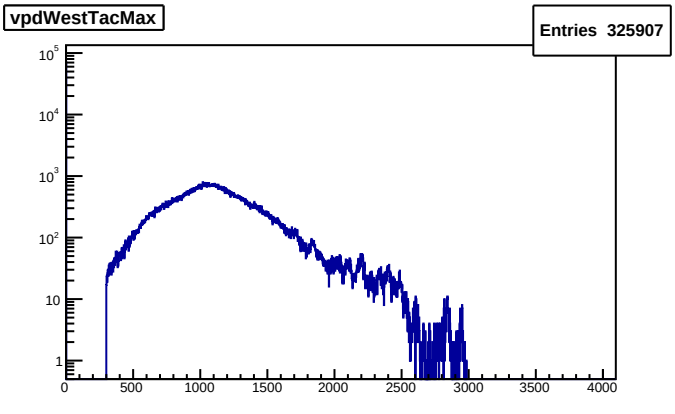

vpdEastAdcSumVsSimu
Entries 219644
Data
Simu

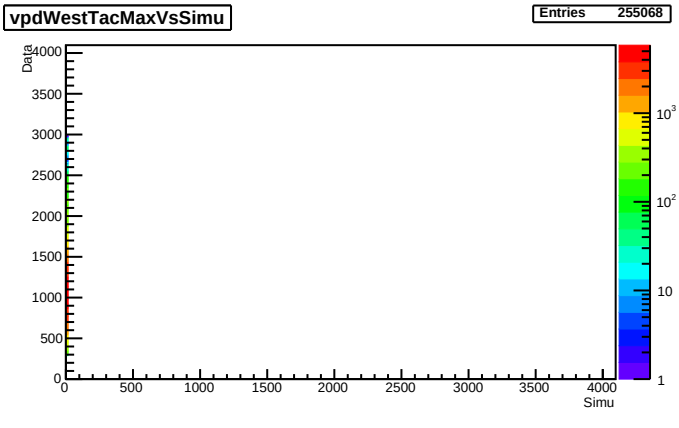

vpdEastTacMax
Entries 325907

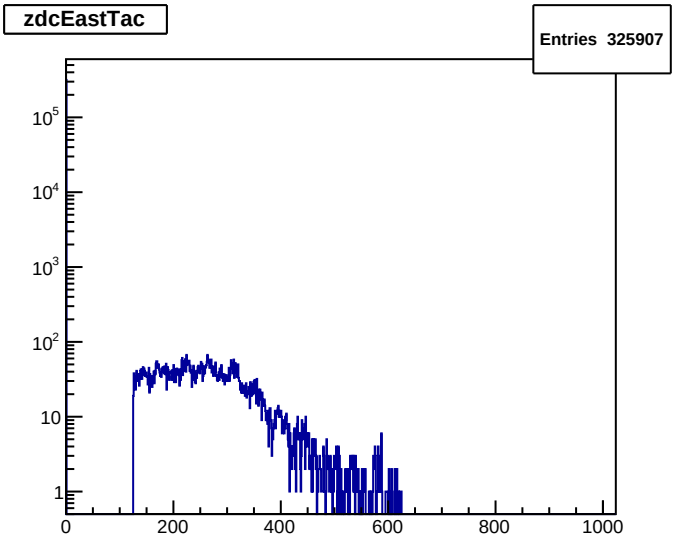

vpdEastTacMaxVsSimu
Entries 219644
Data
Simu

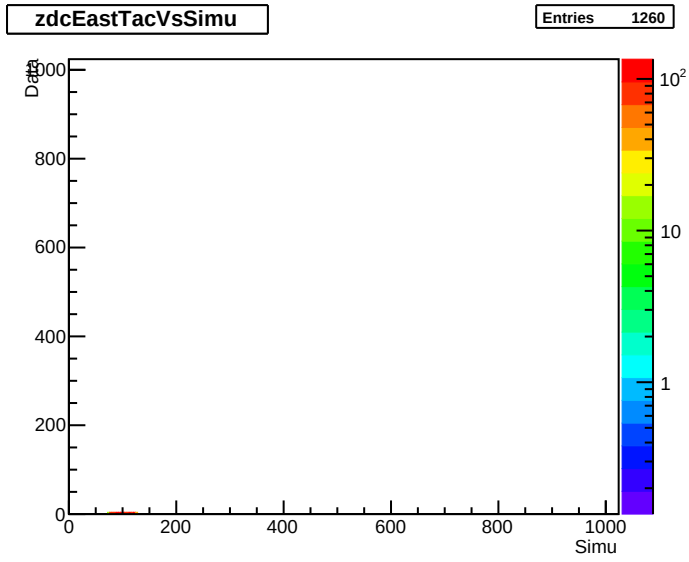

vpdWestAdcSum
Entries 325907

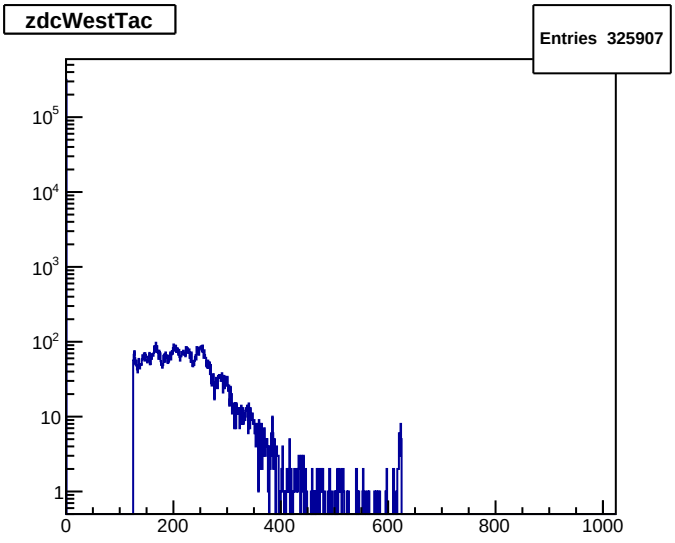

vpdWestAdcSumVsSimu
Entries 255068
Data
Simu

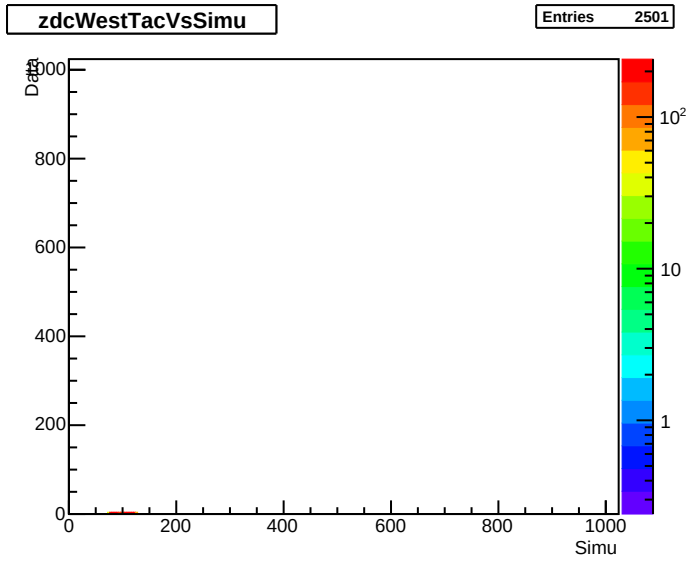

vpdWestTacMax
Entries 325907

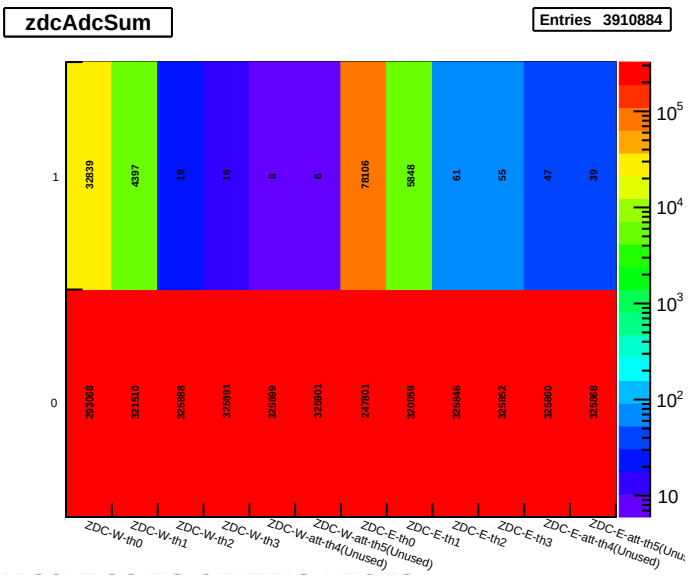

vpdWestTacMaxVsSimu
Entries 255068
Data
Simu

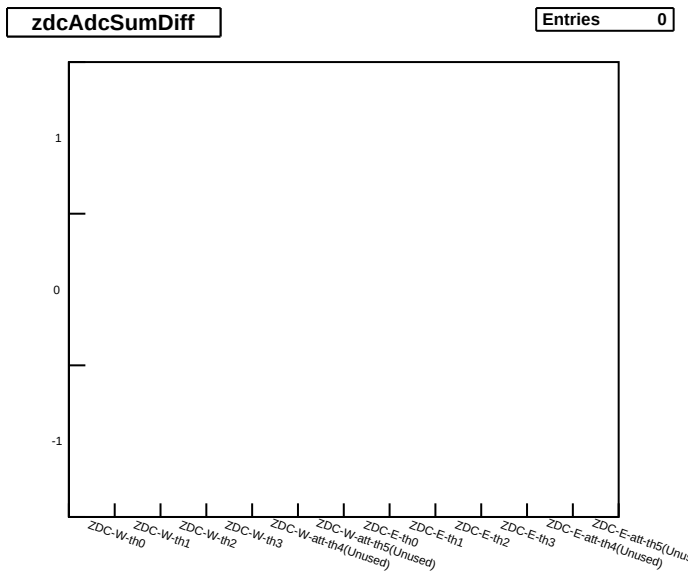

zdcEastTac
Entries 325907

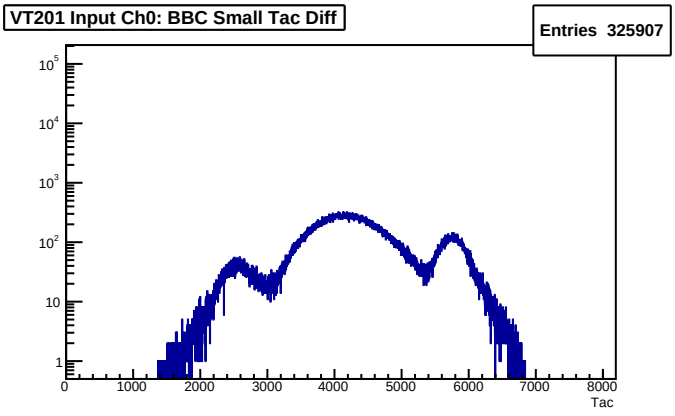

zdcEastTacVsSimu
Entries 1260
Data
Simu

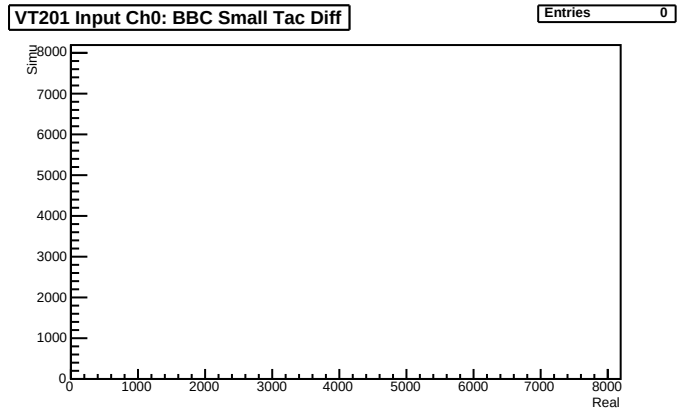

zdcWestTac
Entries 325907

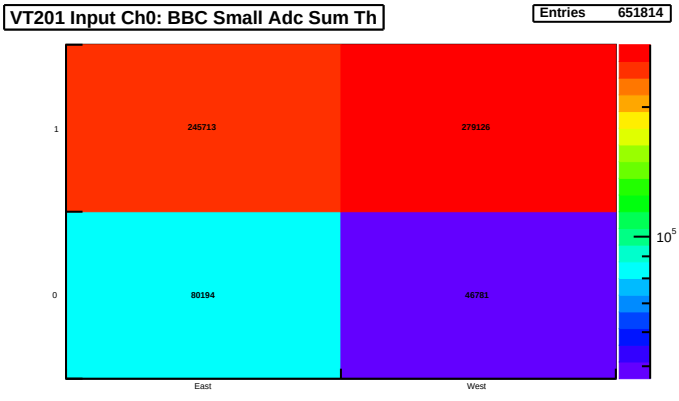

zdcWestTacVsSimu
Entries 2501
Data
Simu

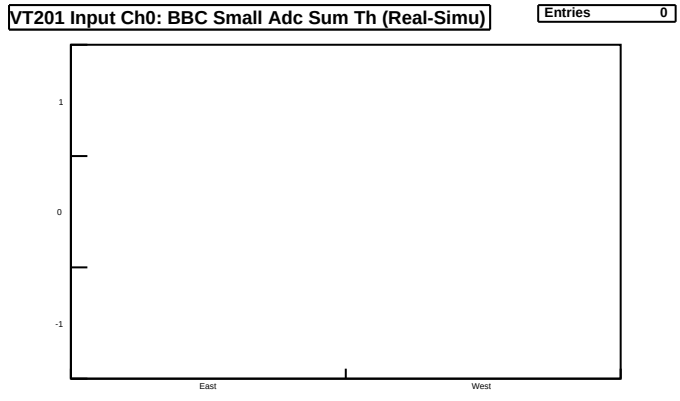

zdcAdcSum
Entries 3910884
32839
4397
19
16
8
6
78106
5848
61
55
47
39
293688
321510
325888
325891
325899
325901
247801
320059
325846
325852
325860
325868
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

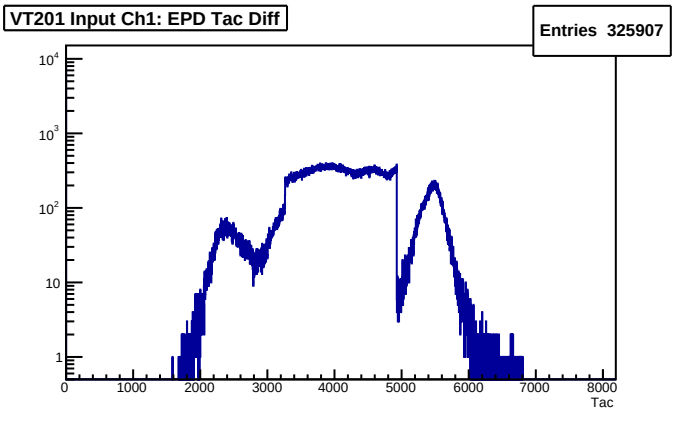

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

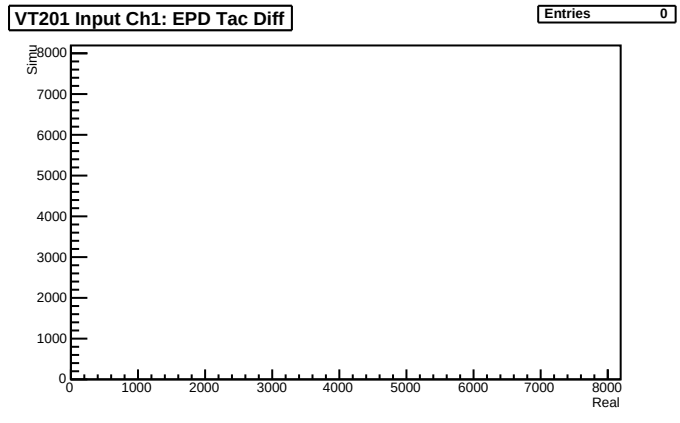

VT201 Input Ch0: BBC Small Tac Diff
Entries 325907
Tac

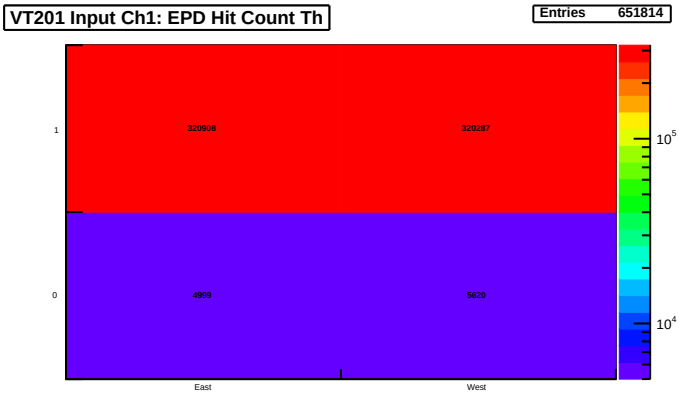

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

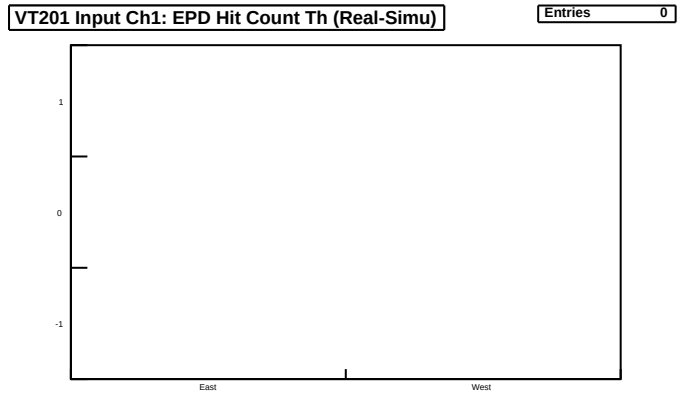

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 651814
245713
279126
80194
46781
East
West

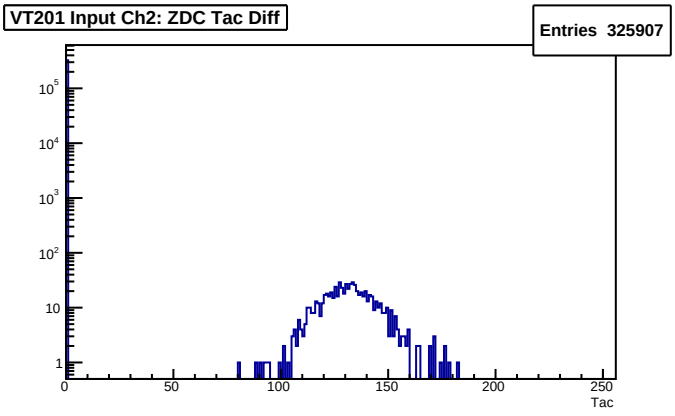

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

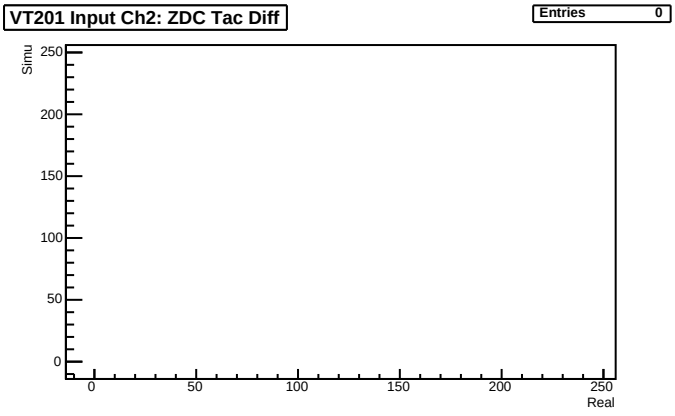

VT201 Input Ch1: EPD Tac Diff
Entries 325907
Tac

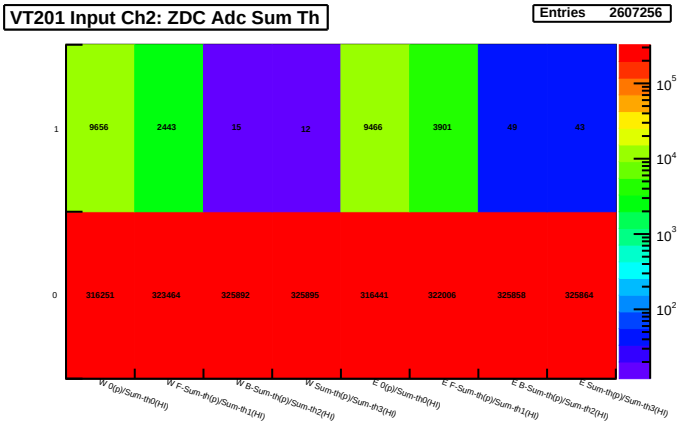

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

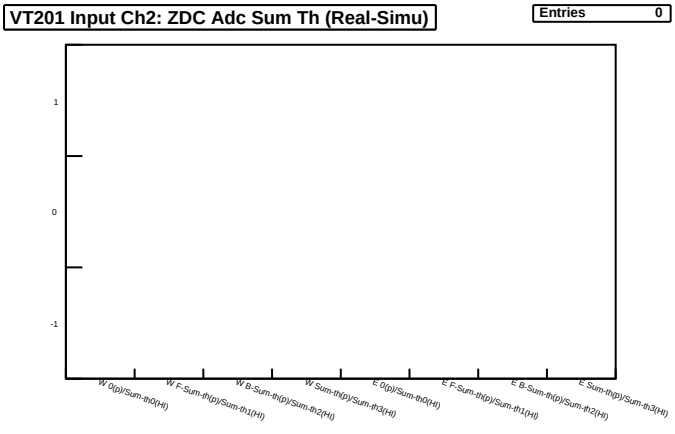

VT201 Input Ch1: EPD Hit Count Th
Entries 651814
320908
320287
4999
5620
East
West

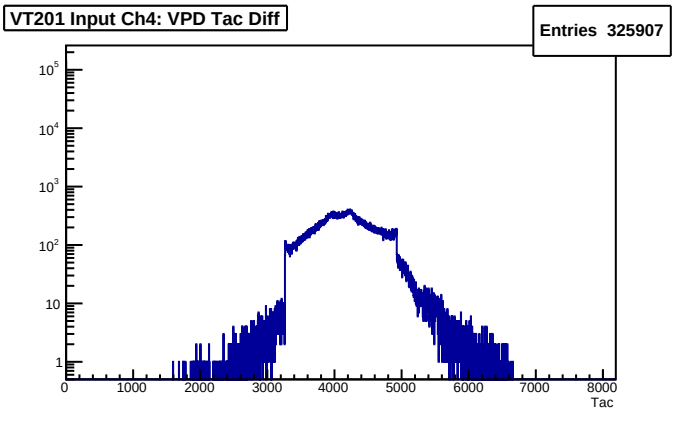

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

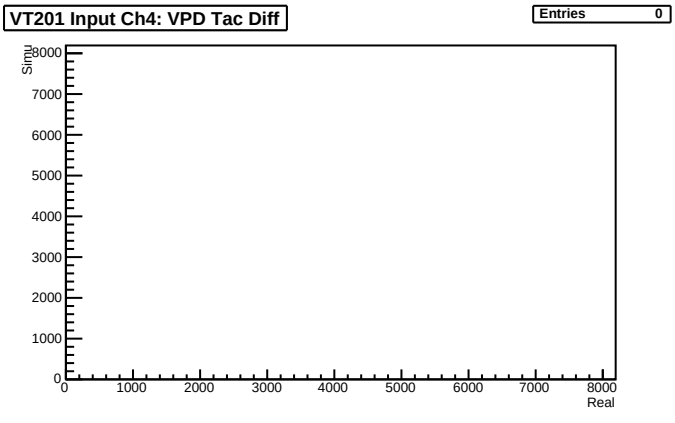

VT201 Input Ch2: ZDC Tac Diff
Entries 325907
Tac

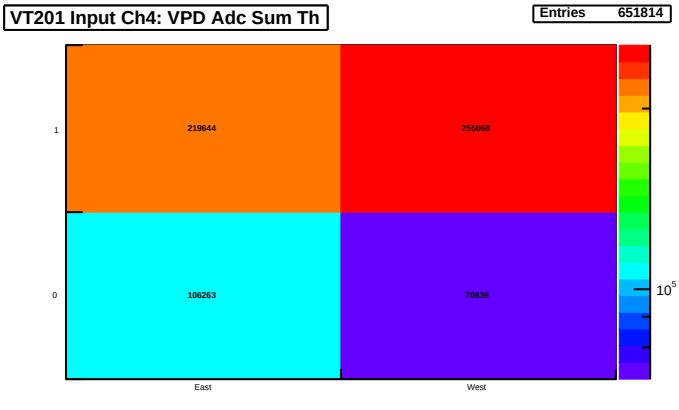

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

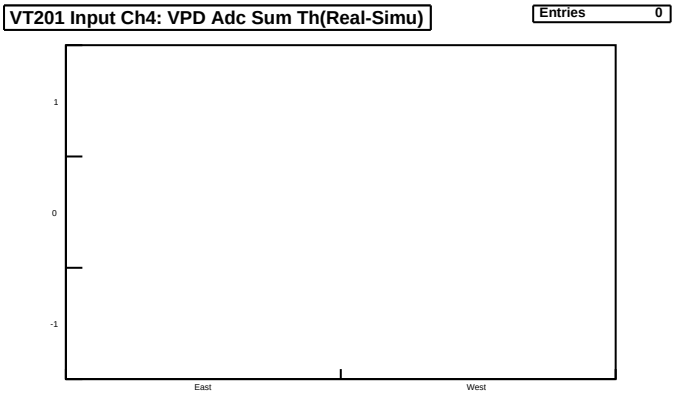

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2607256
9656
2443
15
12
9466
3901
49
43
316251
323464
325892
325895
316441
322006
325858
325864
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

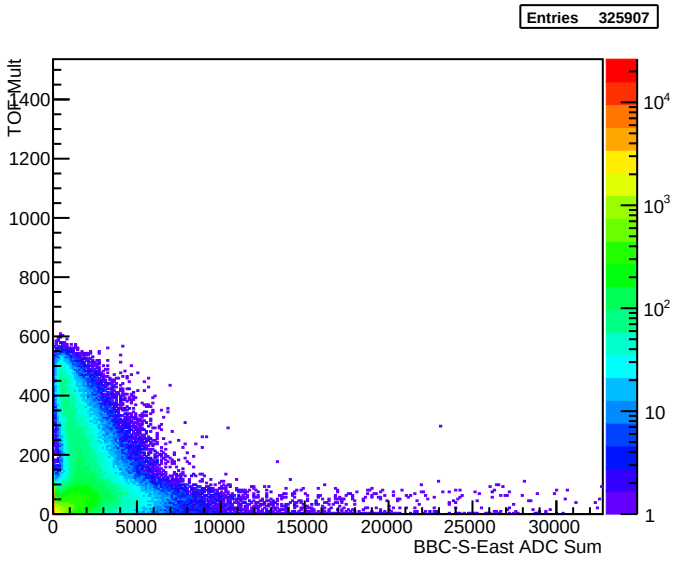

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

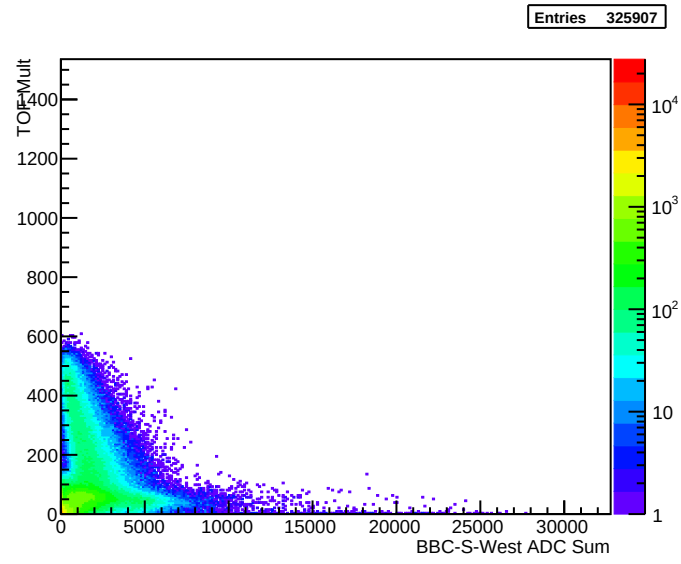

VT201 Input Ch4: VPD Tac Diff
Entries 325907
Tac

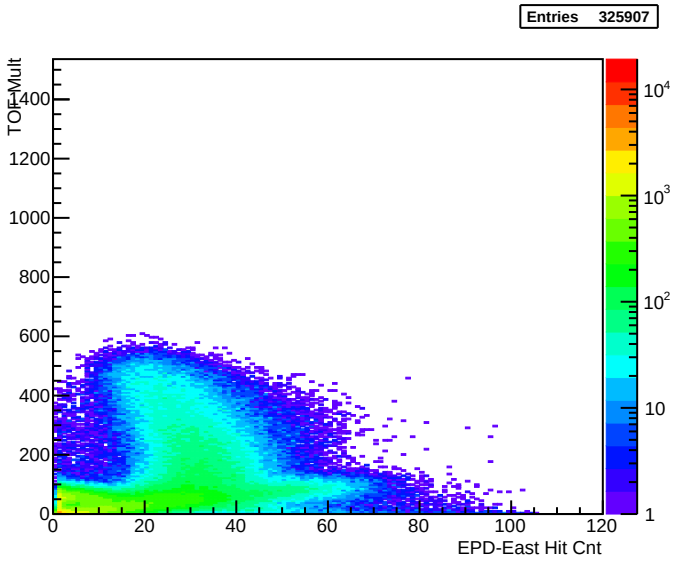

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

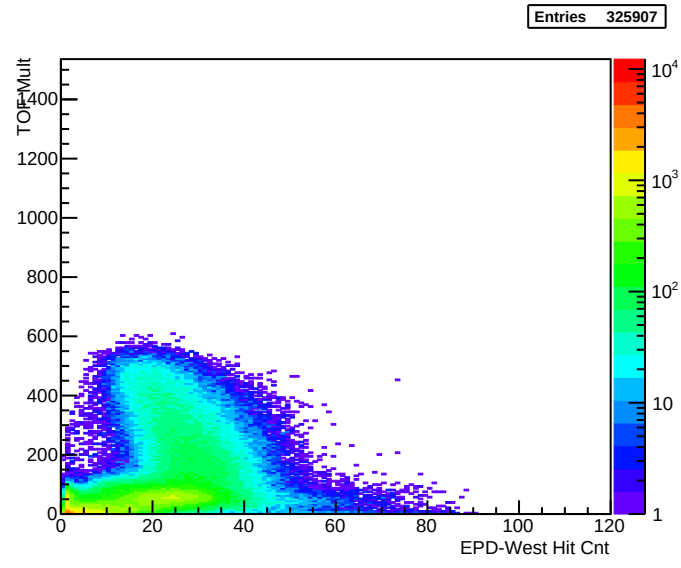

VT201 Input Ch4: VPD Adc Sum Th
Entries 651814
219644
255068
106263
70839
East
West

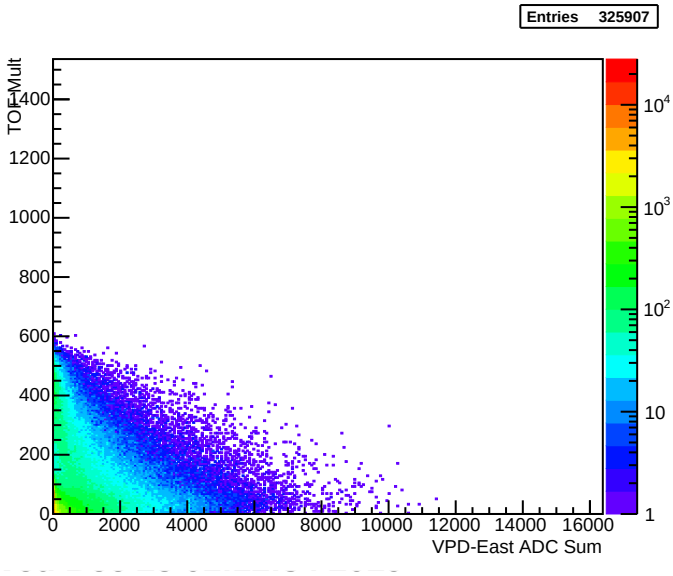

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

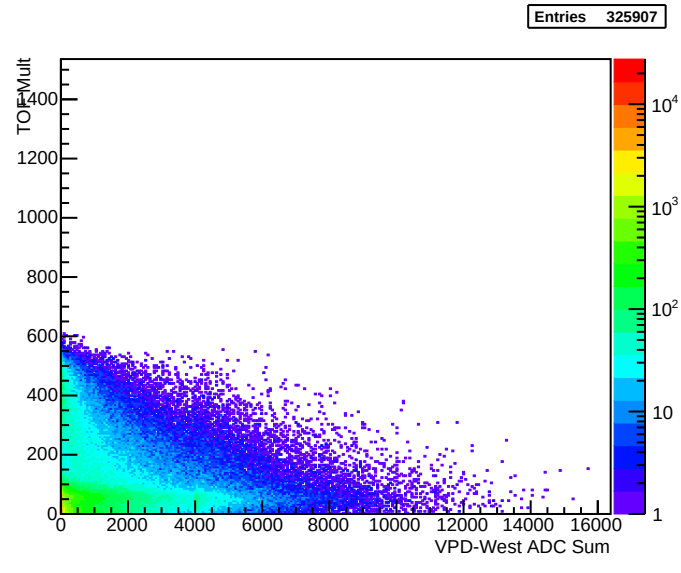

Entries 325907
TOF-Mult
BBC-S-East ADC Sum

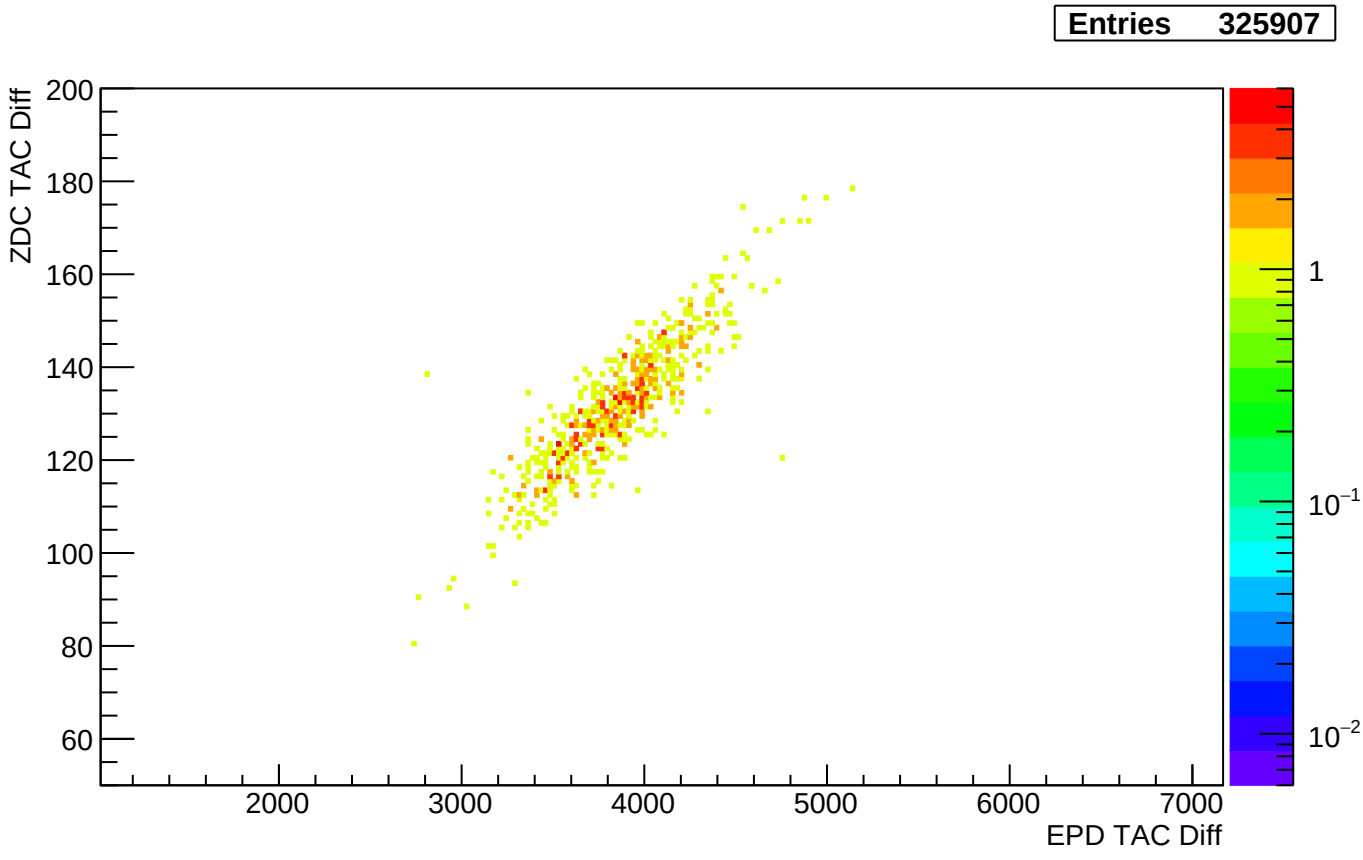

Entries 325907
TOF-Mult
BBC-S-West ADC Sum

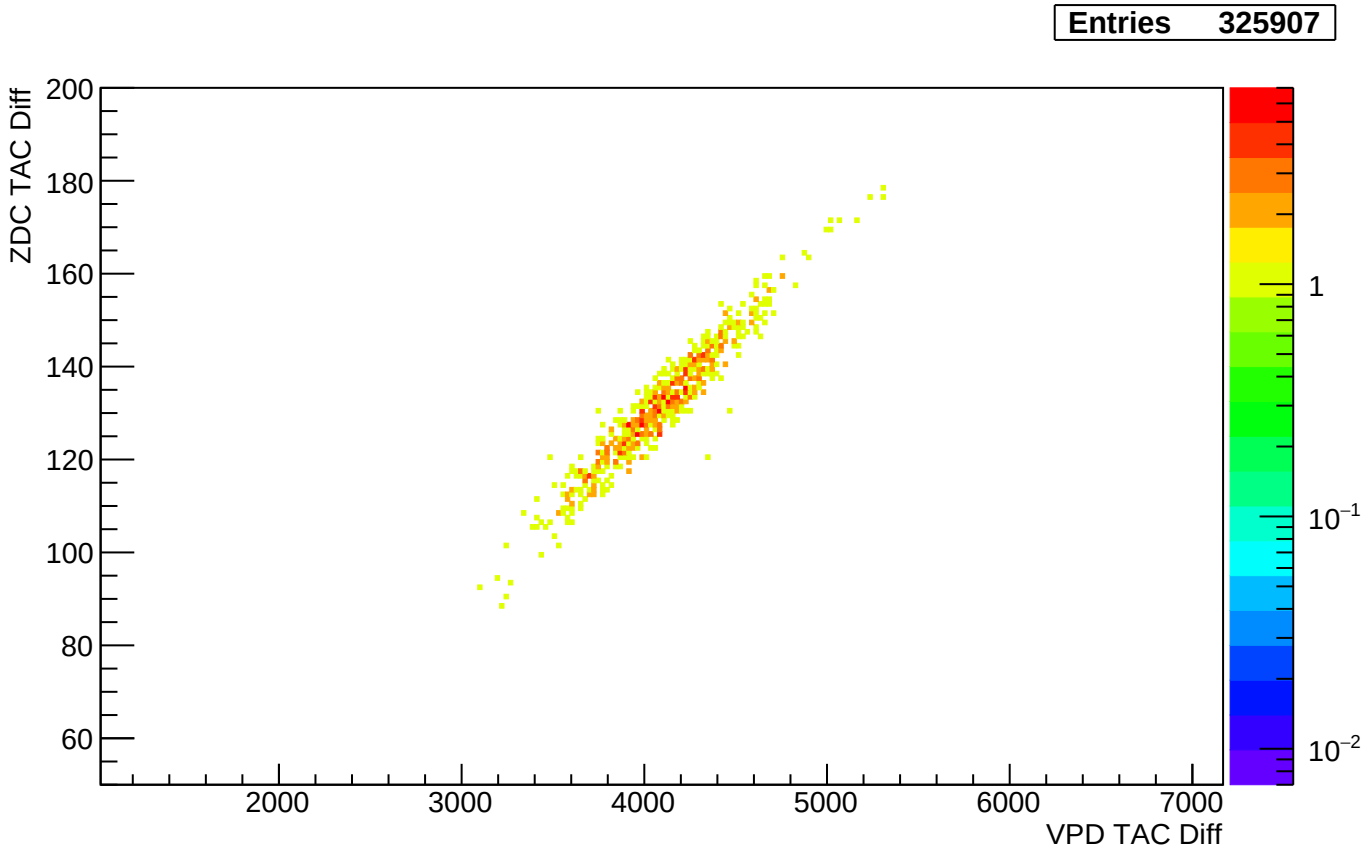

Entries 325907
TOF-Mult
EPD-East Hit Cnt

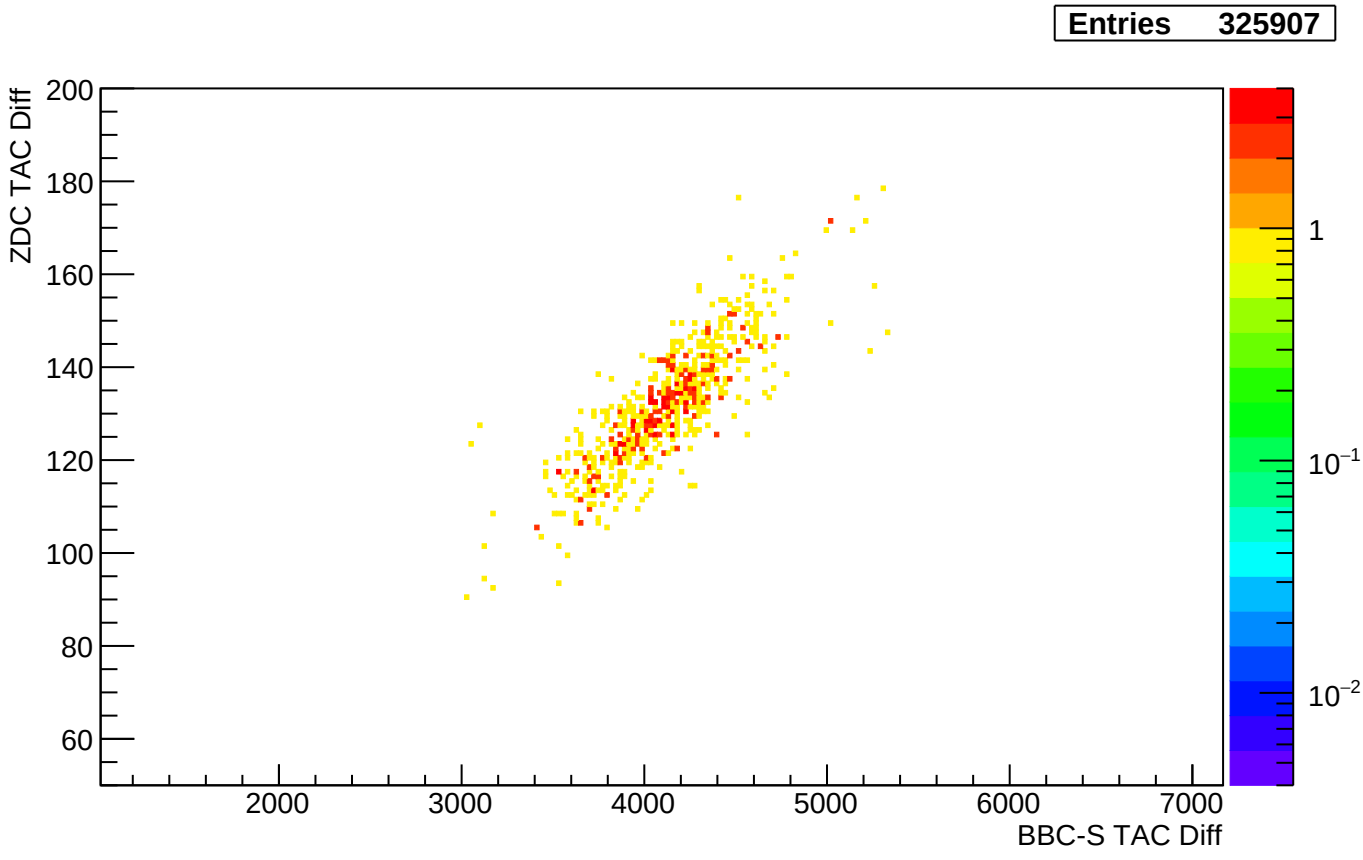

Entries 325907
TOF-Mult
EPD-West Hit Cnt

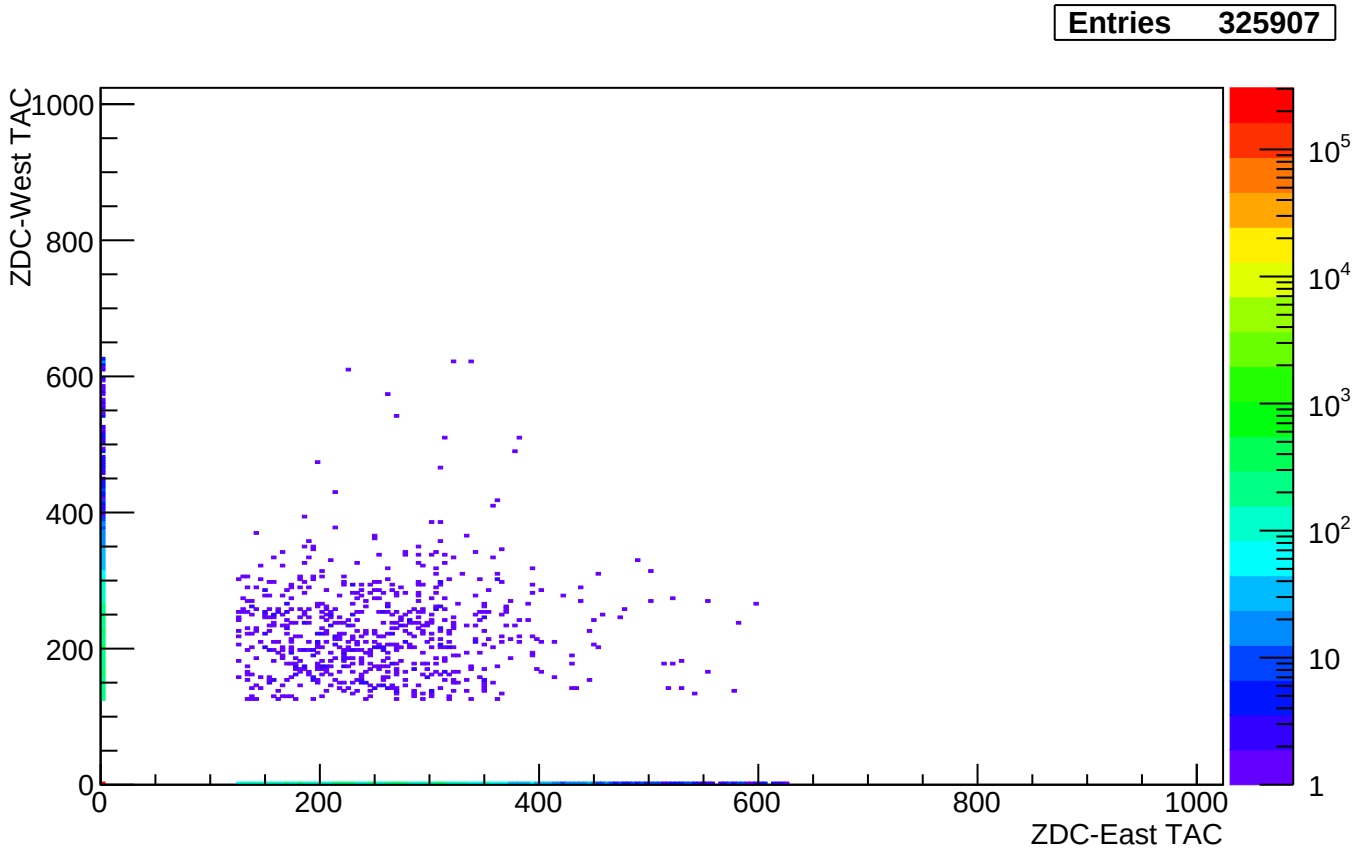

Entries 325907
TOF-Mult
VPD-East ADC Sum

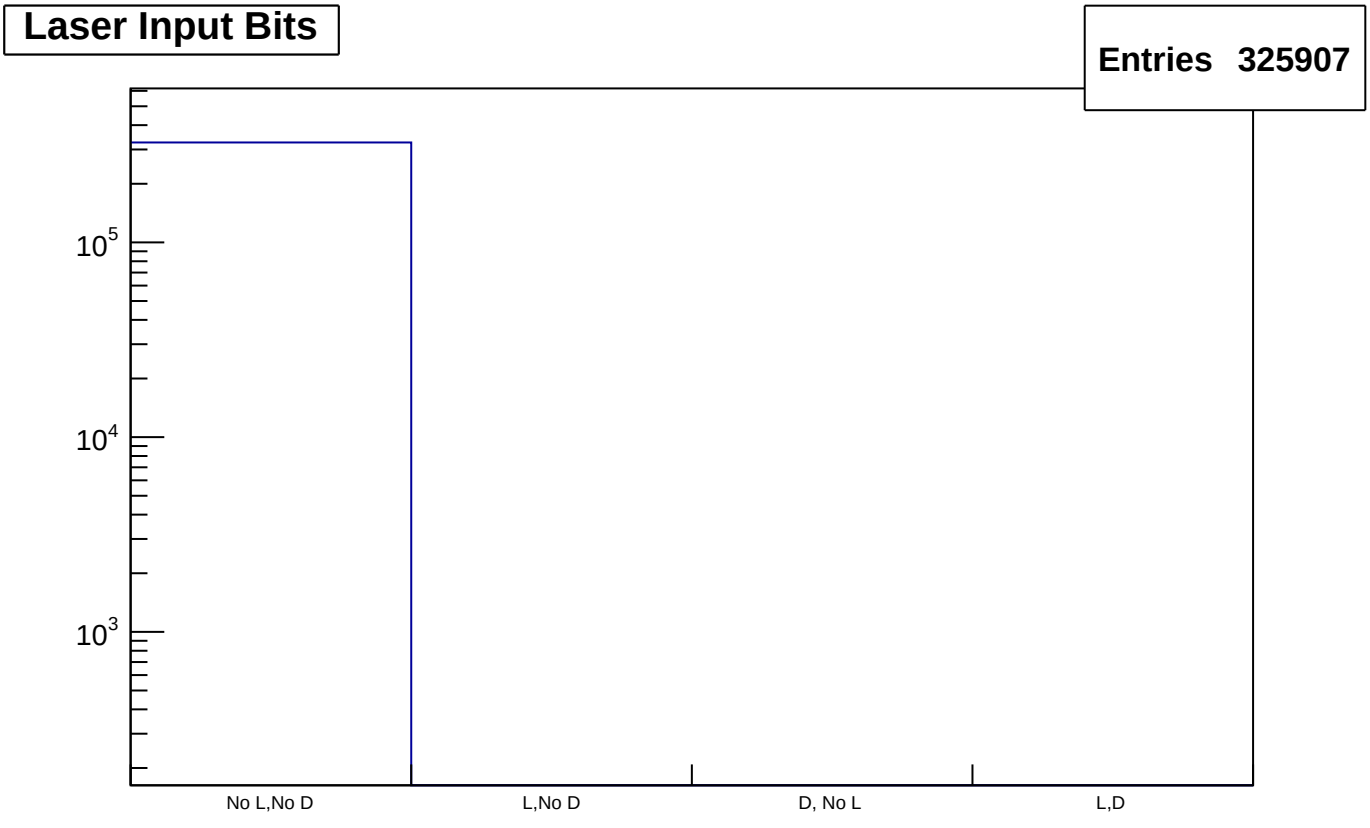

Entries 325907
TOF-Mult
VPD-West ADC Sum

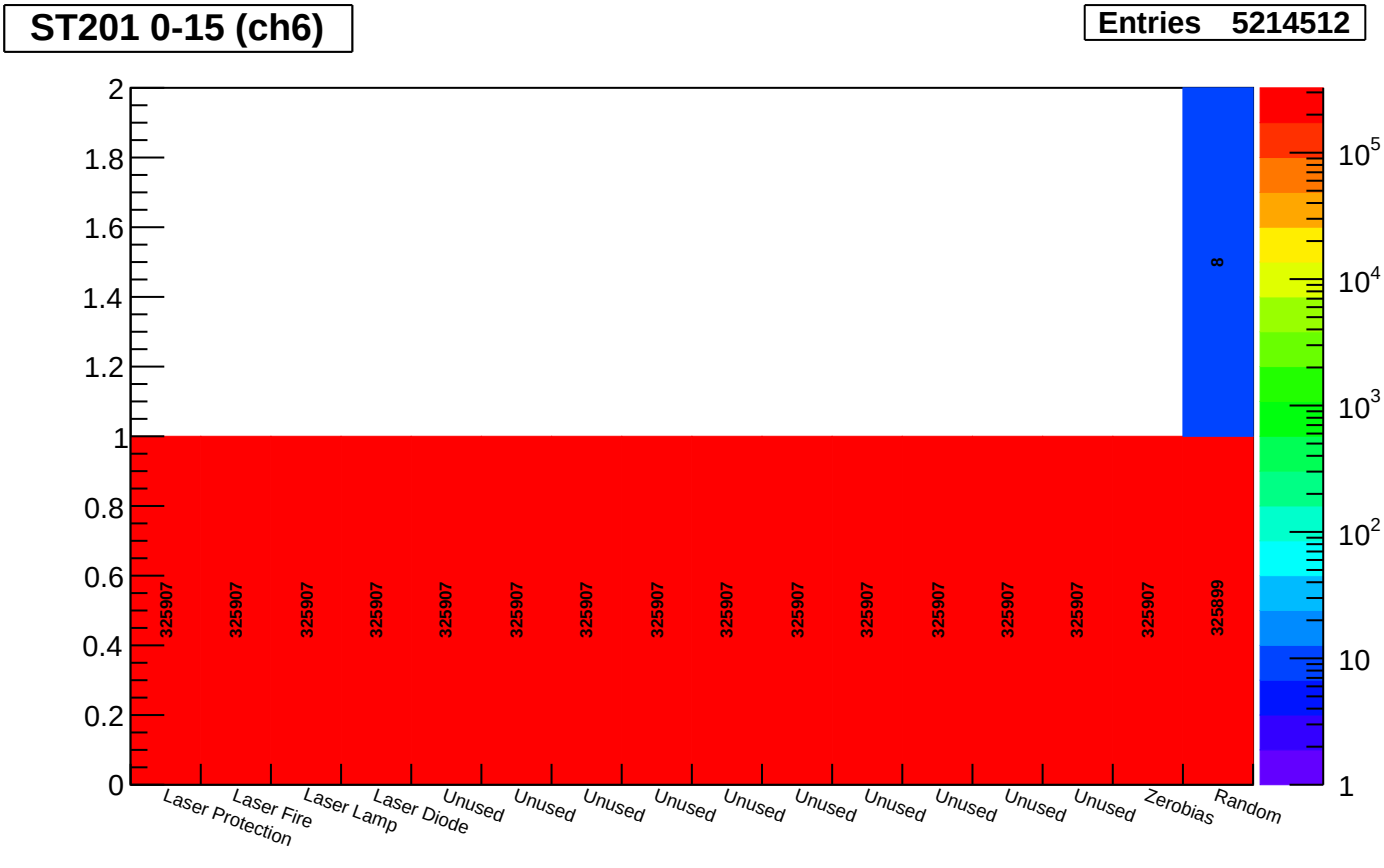

Entries 325907
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

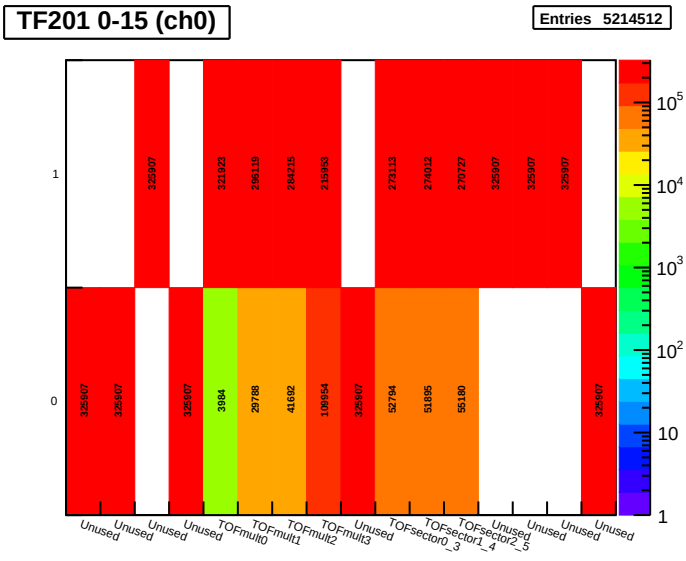

Entries 325907
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

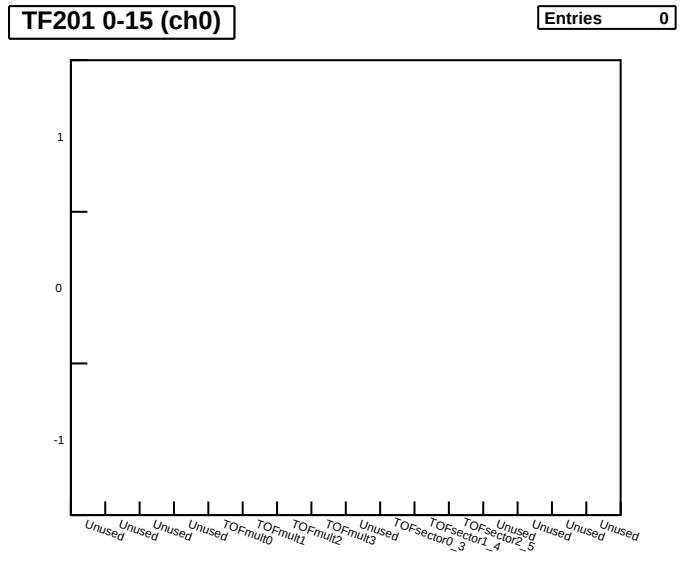

Entries 325907
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

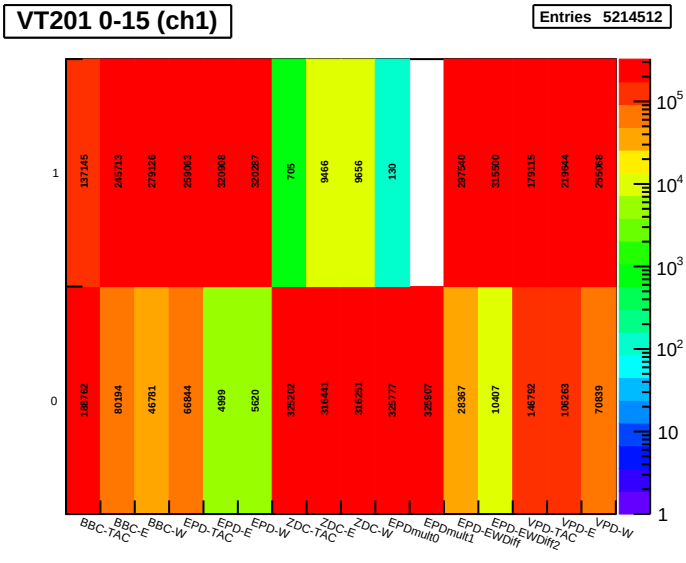

Entries 325907
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

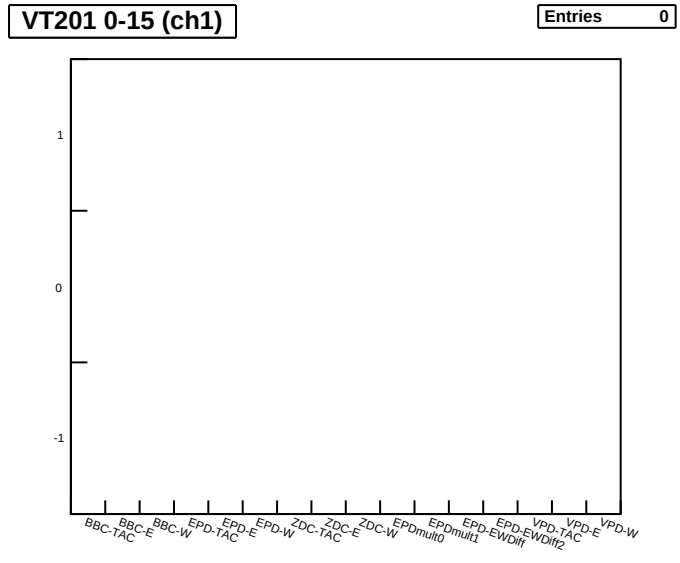

Laser Input Bits
Entries 325907
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

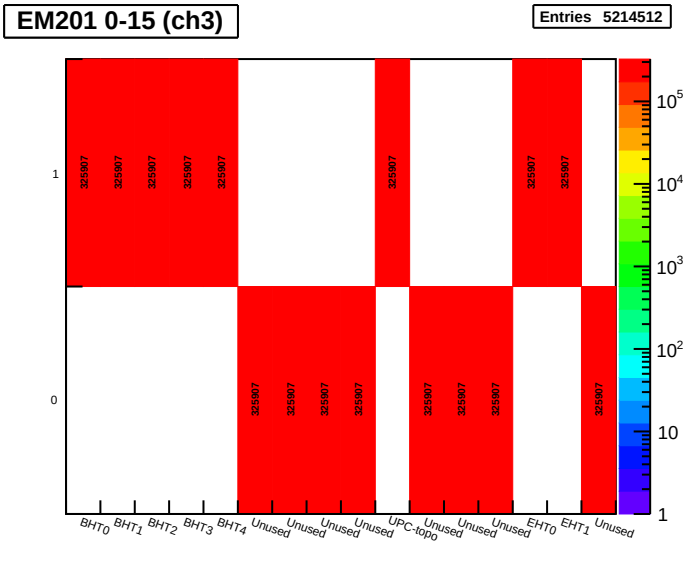

ST201 0-15 (ch6)
Entries 5214512
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
8
325907
325899
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

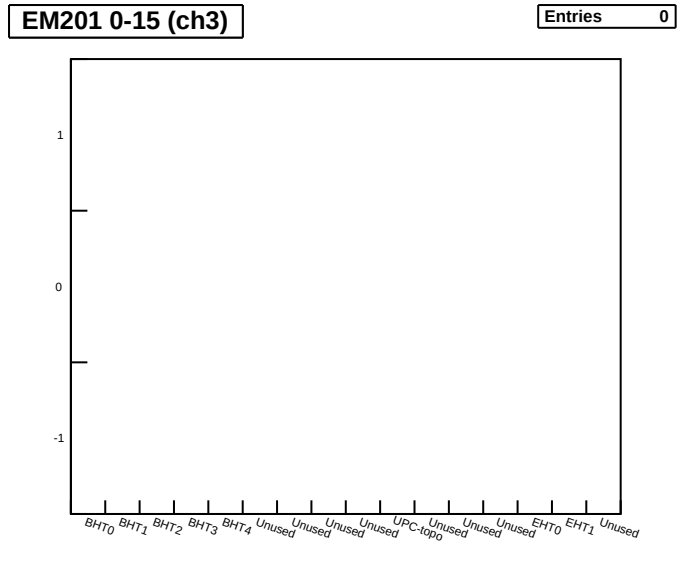

TF201 0-15 (ch0)
Entries 5214512
1
0
325907
321923
296119
284215
215953
273113
274012
270727
325907
325907
325907
325907
325907
325907
3984
29788
41692
109954
325907
52794
51895
55180
325907
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 5214512
1
0
137145
245713
279126
259063
320908
320287
705
9466
9656
130
297540
315500
179115
219644
255068
138762
80194
46781
66844
4999
5620
325202
316441
316251
325777
325907
28367
10407
146792
106263
70839
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 5214512
1
0
325907
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1