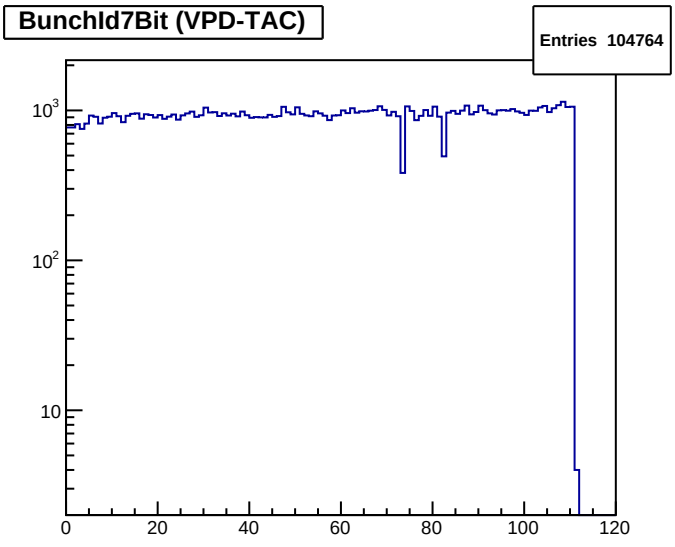
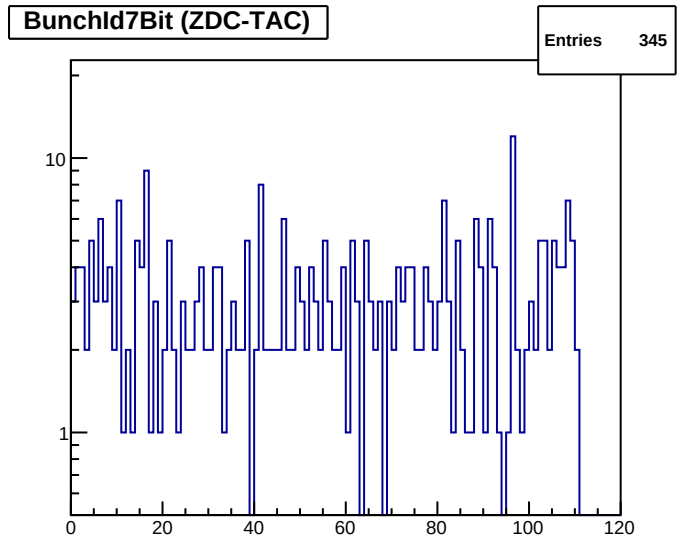
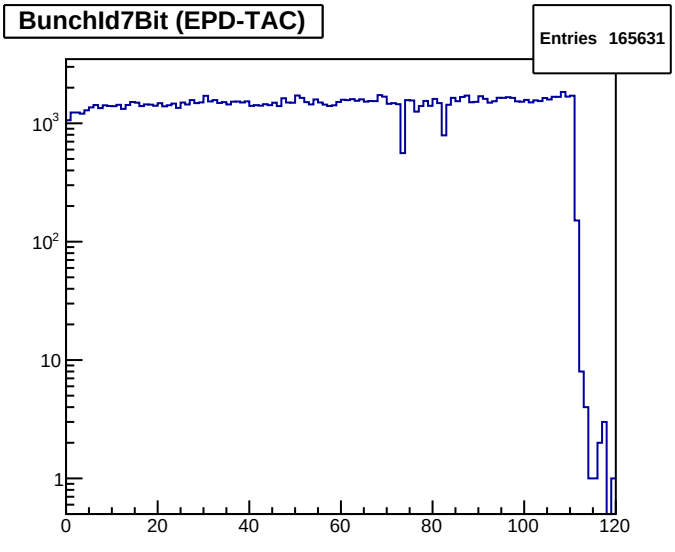
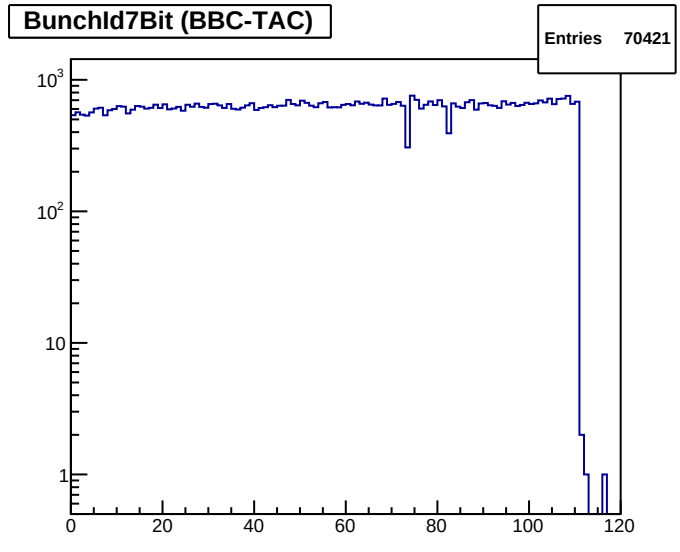
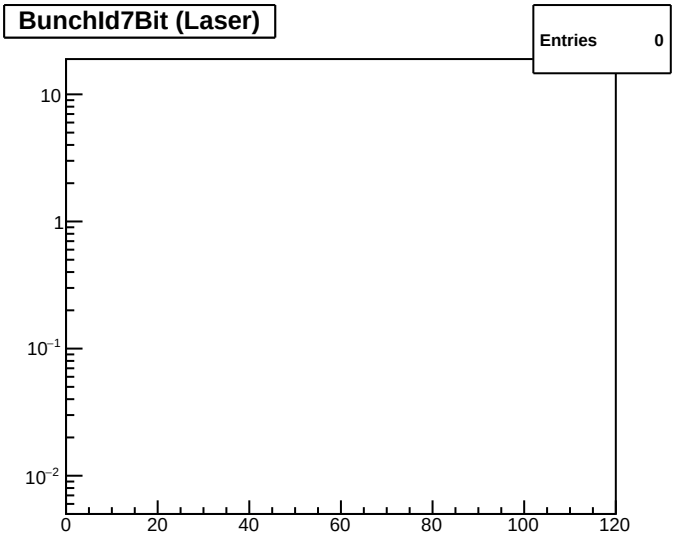
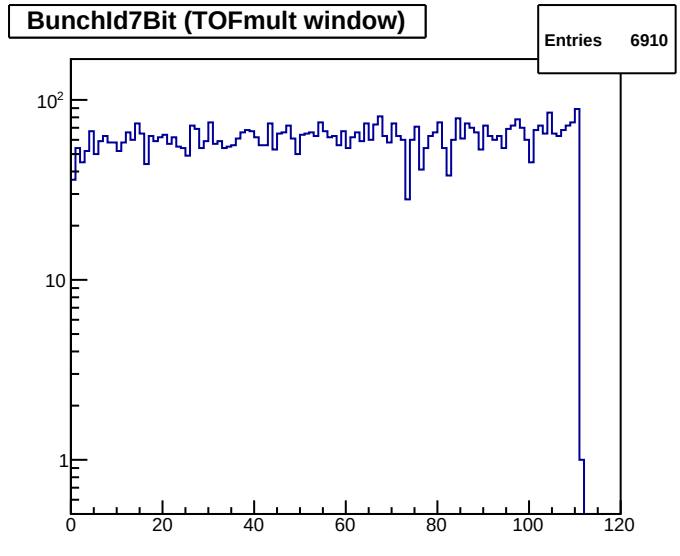

BunchId7Bit (VPD-TAC)
Entries 104764

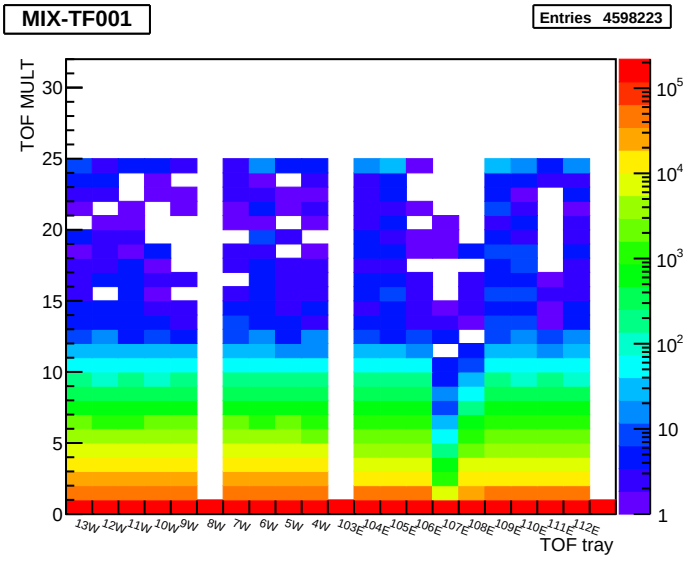

BunchId7Bit (ZDC-TAC)
Entries 345

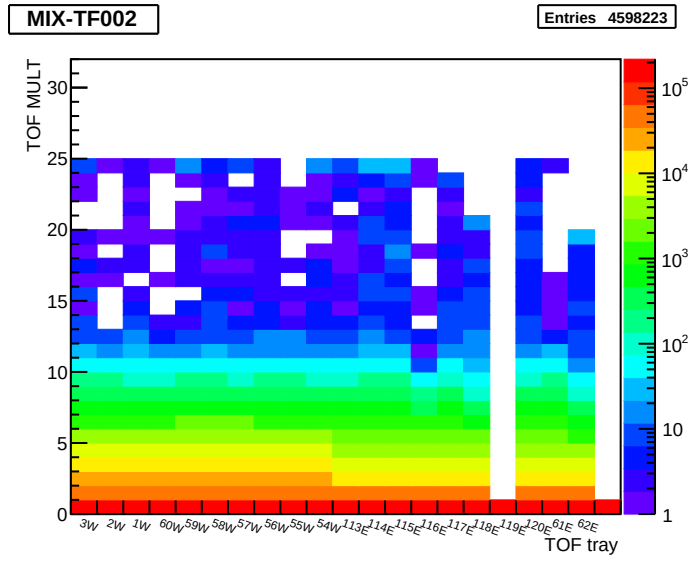

BunchId7Bit (EPD-TAC)
Entries 165631

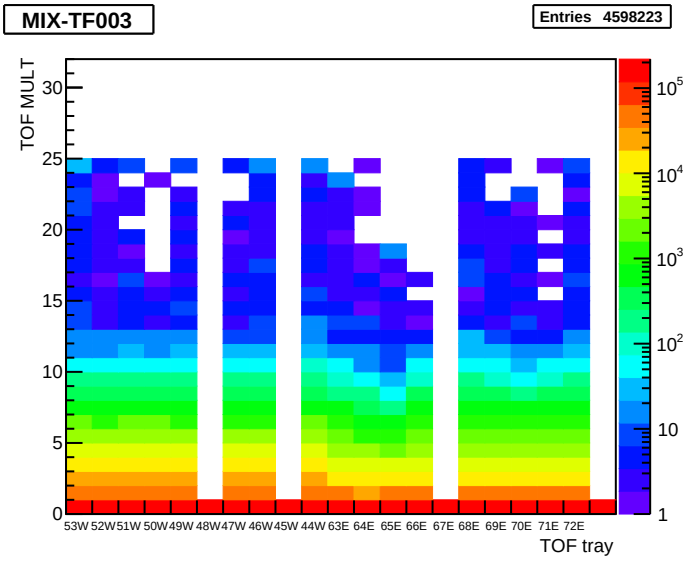

BunchId7Bit (BBC-TAC)
Entries 70421

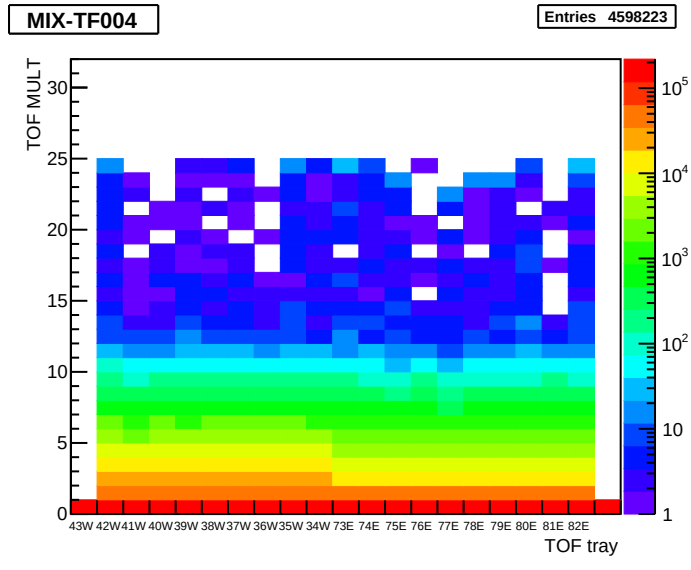

BunchId7Bit (Laser)
Entries 0

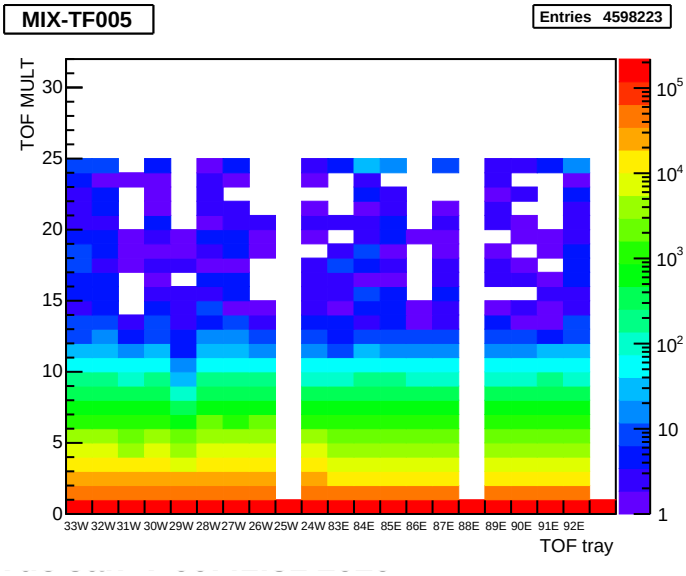

BunchId7Bit (TOFmult window)
Entries 6910

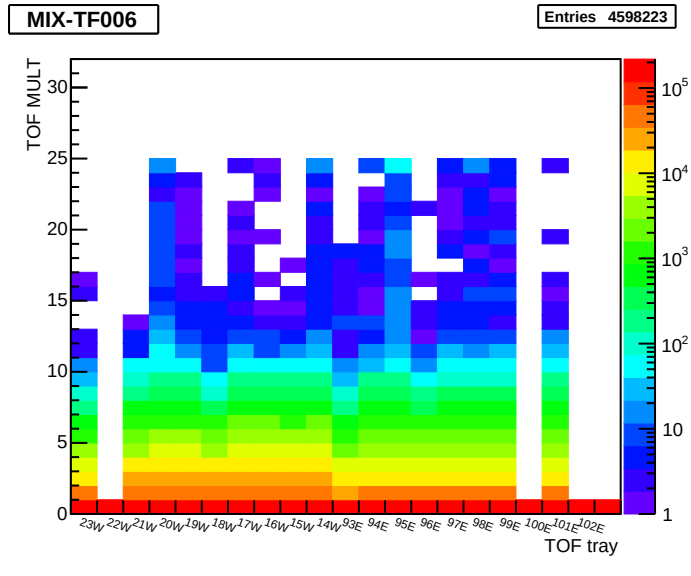

MIX-TF001
Entries 4598223
TOF MULT
TOF tray

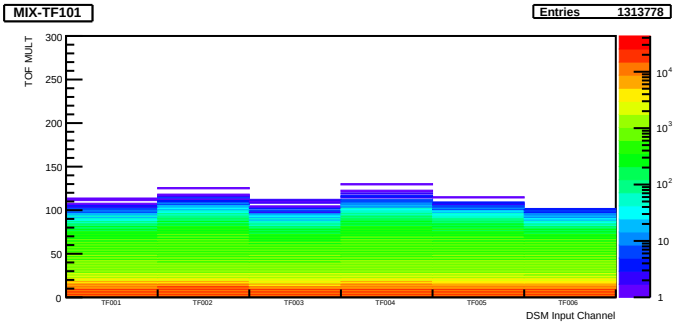

MIX-TF002
Entries 4598223
TOF MULT
TOF tray

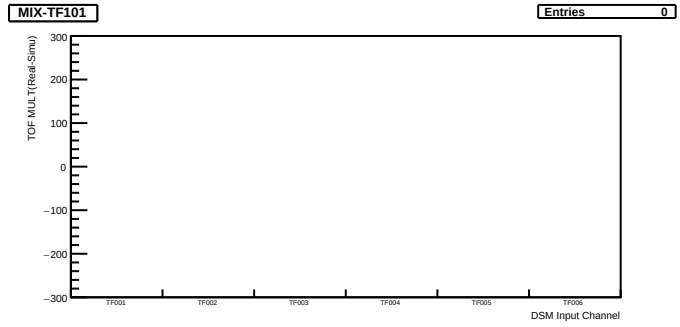

MIX-TF003
Entries 4598223
TOF MULT
TOF tray

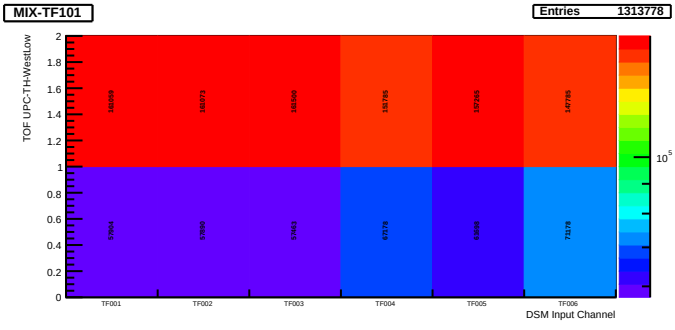

MIX-TF004
Entries 4598223
TOF MULT
TOF tray

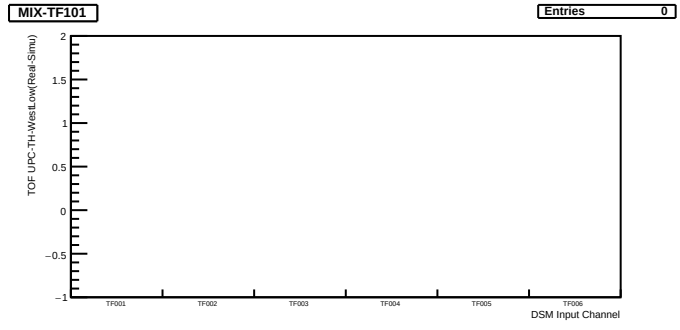

MIX-TF005
Entries 4598223
TOF MULT
TOF tray

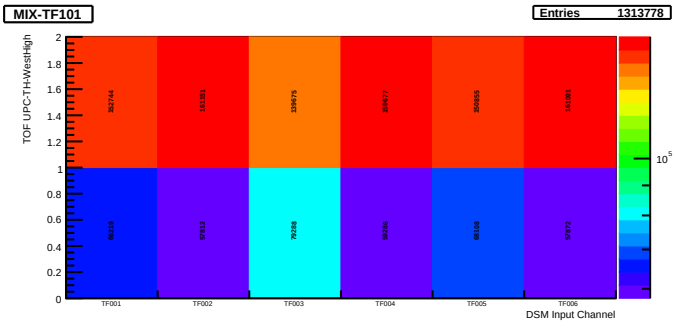

MIX-TF006
Entries 4598223
TOF MULT
TOF tray

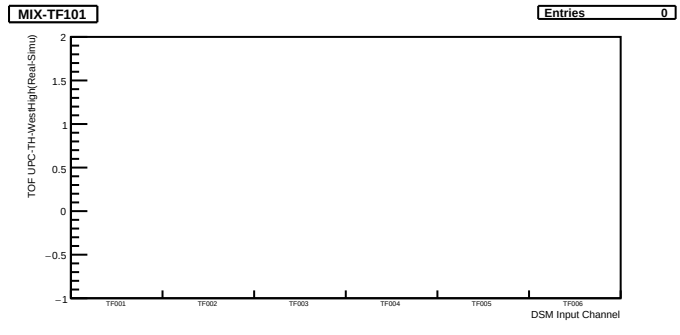

MIX-TF101
Entries 1313778
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

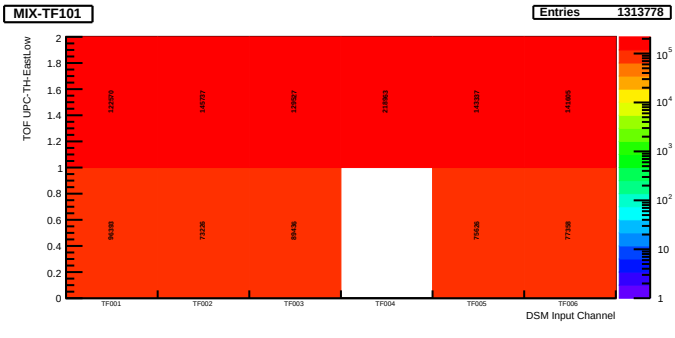

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

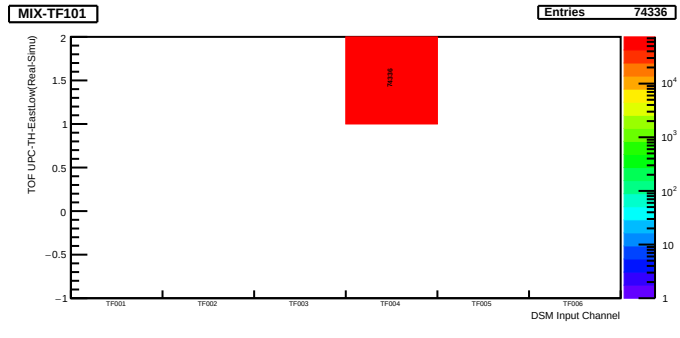

MIX-TF101
Entries 1313778
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

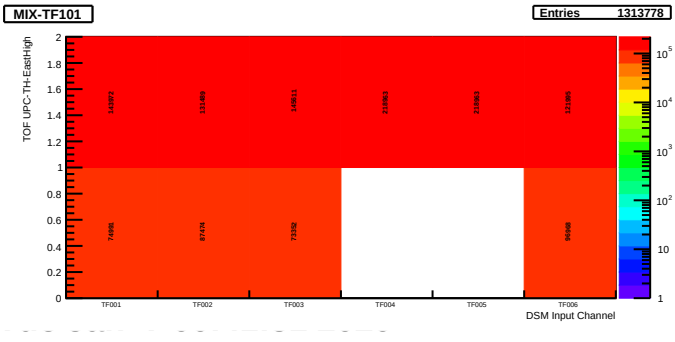

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

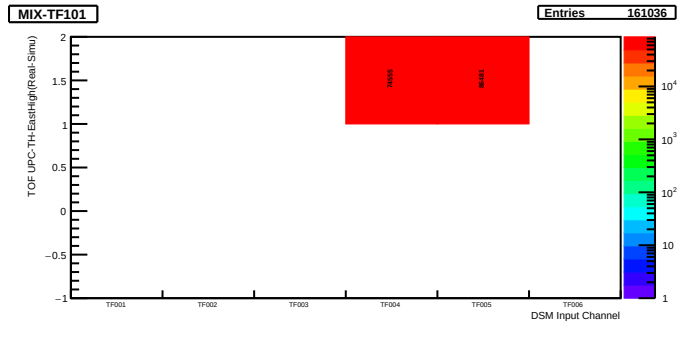

MIX-TF101
Entries 1313778
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

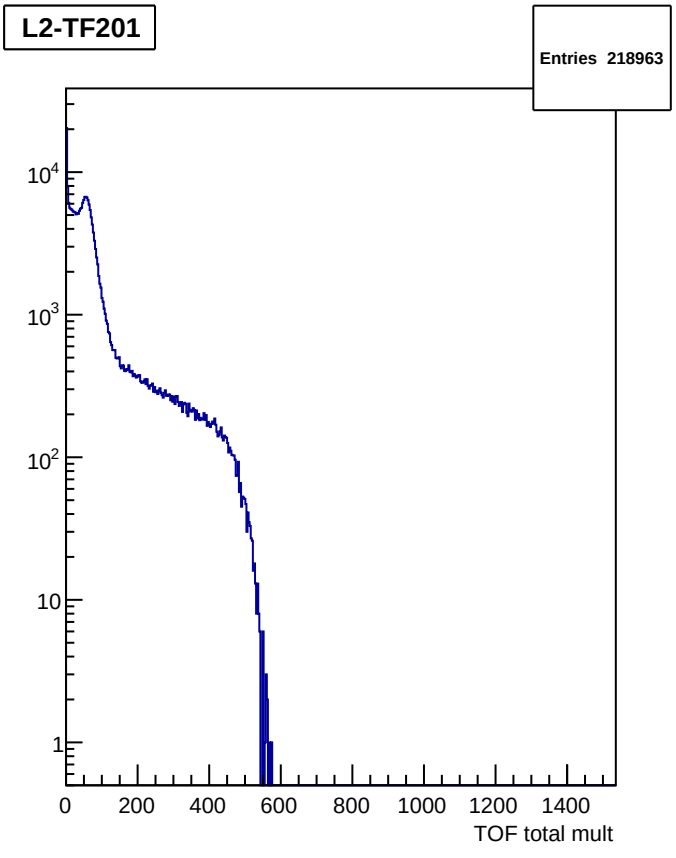

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

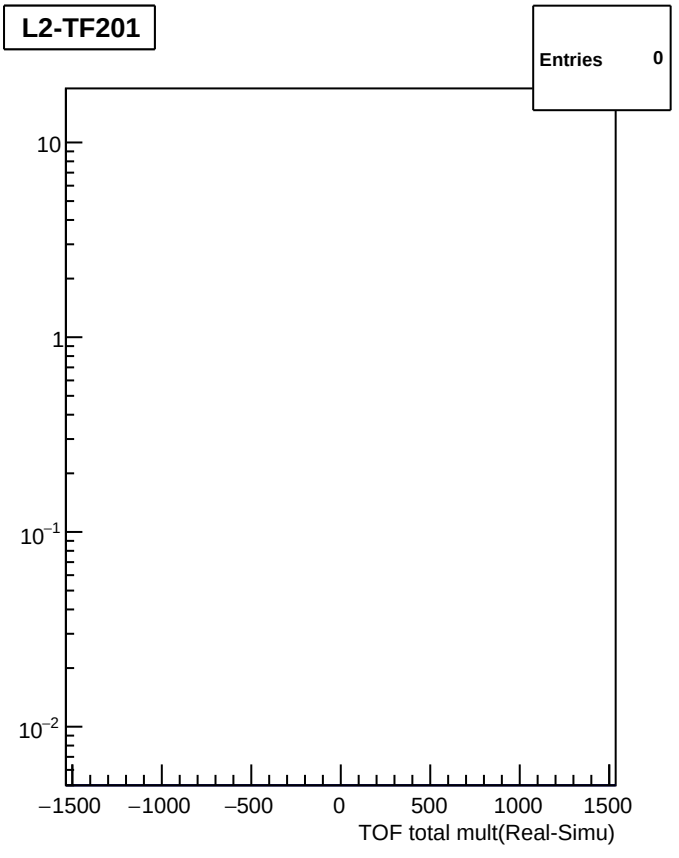

MIX-TF101
Entries 1313778
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

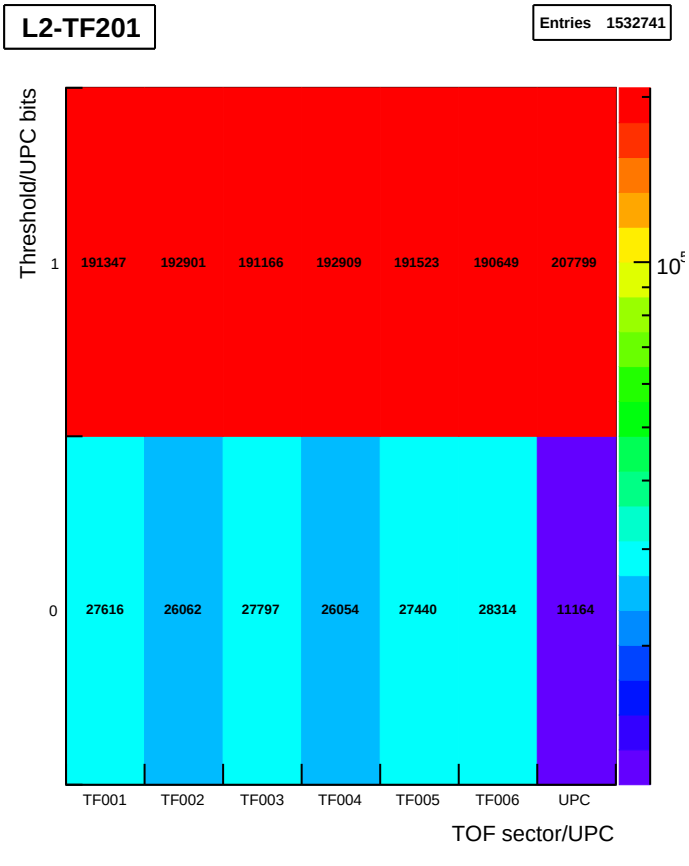

MIX-TF101
Entries 74336
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

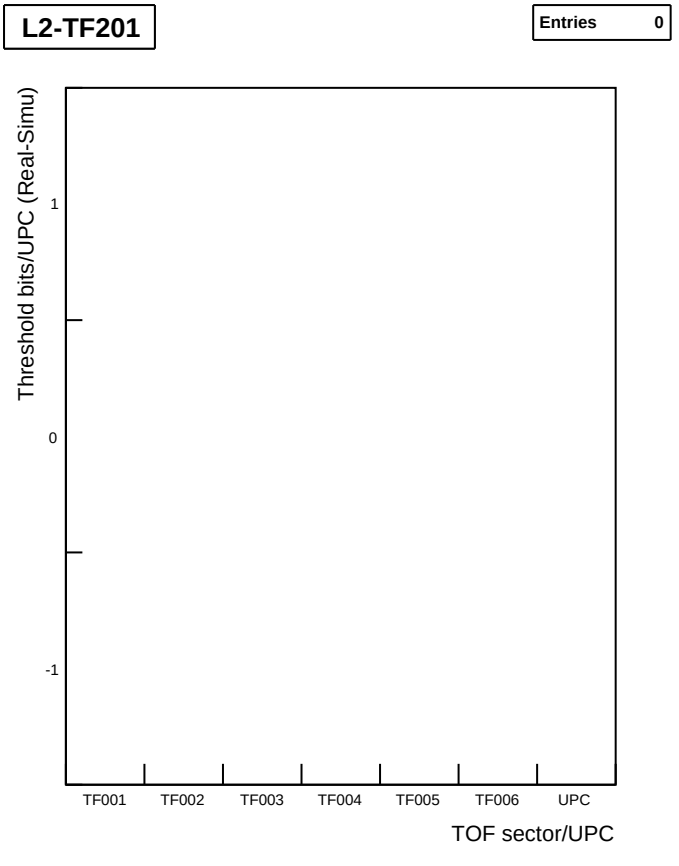

MIX-TF101
Entries 1313778
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

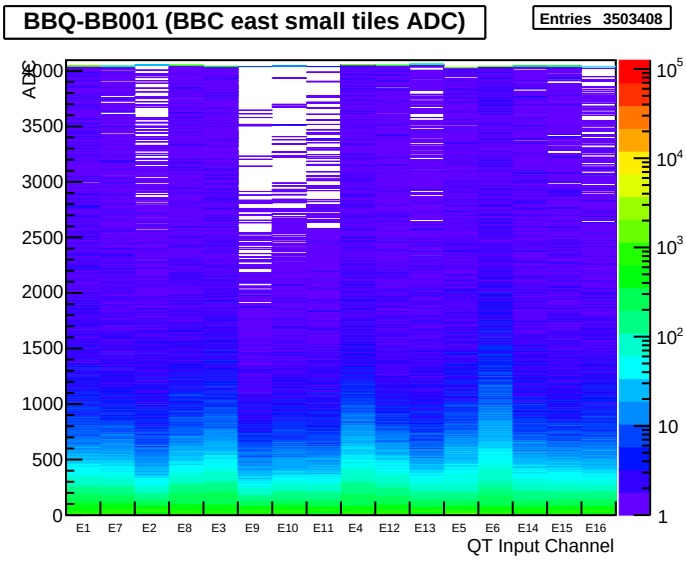

MIX-TF101
Entries 161036
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

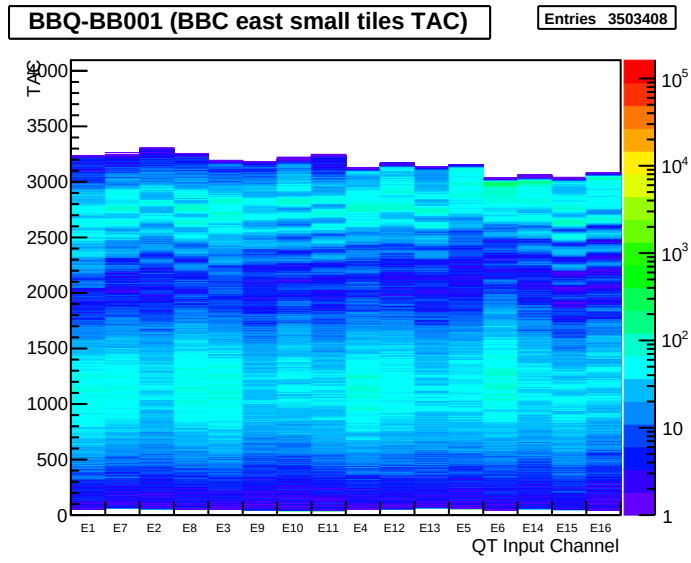

L2-TF201
Entries 218963
TOF total mult

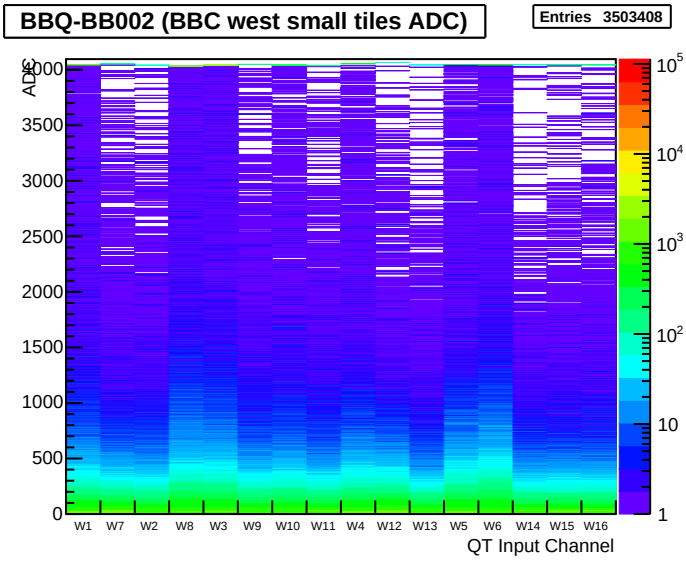

L2-TF201
Entries 0
TOF total mult(Real-Simu)

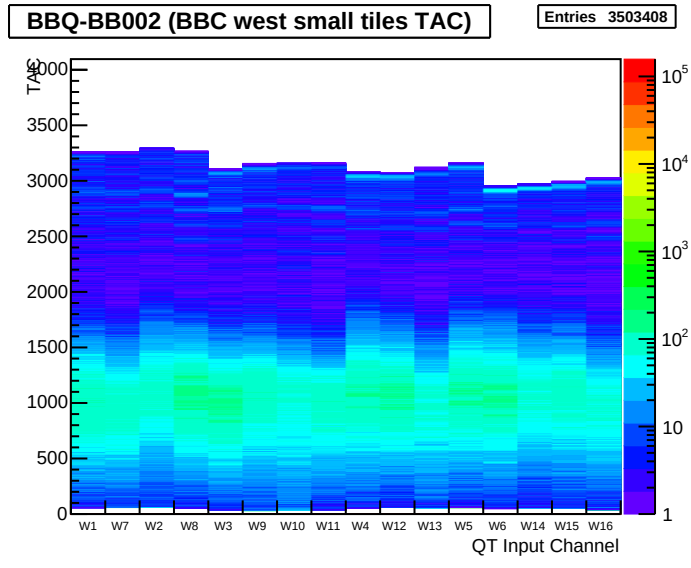

L2-TF201
Entries 1532741
Threshold/UPC bits
191347
192901
191166
192909
191523
190649
207799
27616
26062
27797
26054
27440
28314
11164
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

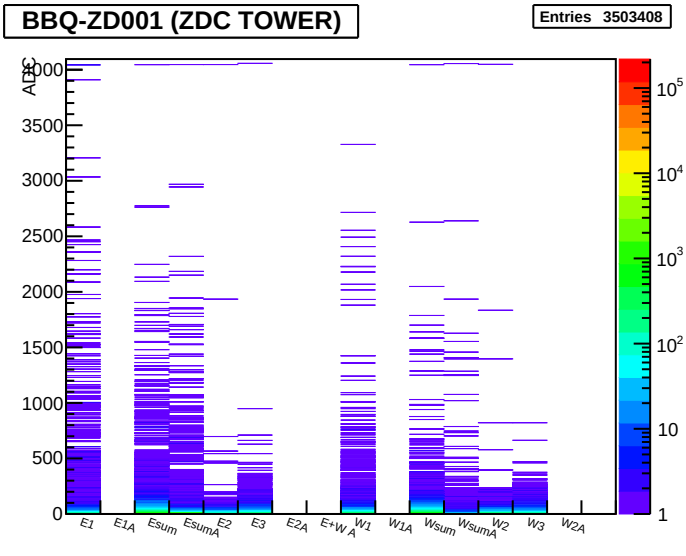

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

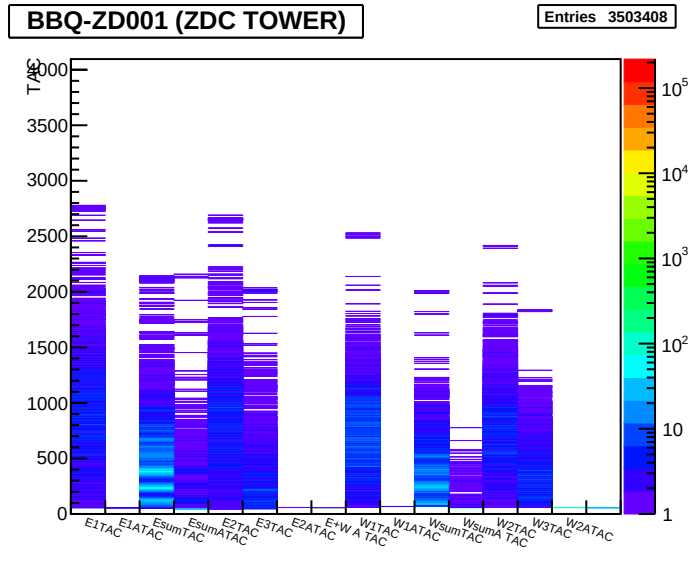

BBQ-BB001 (BBC east small tiles ADC)
Entries 3503408
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

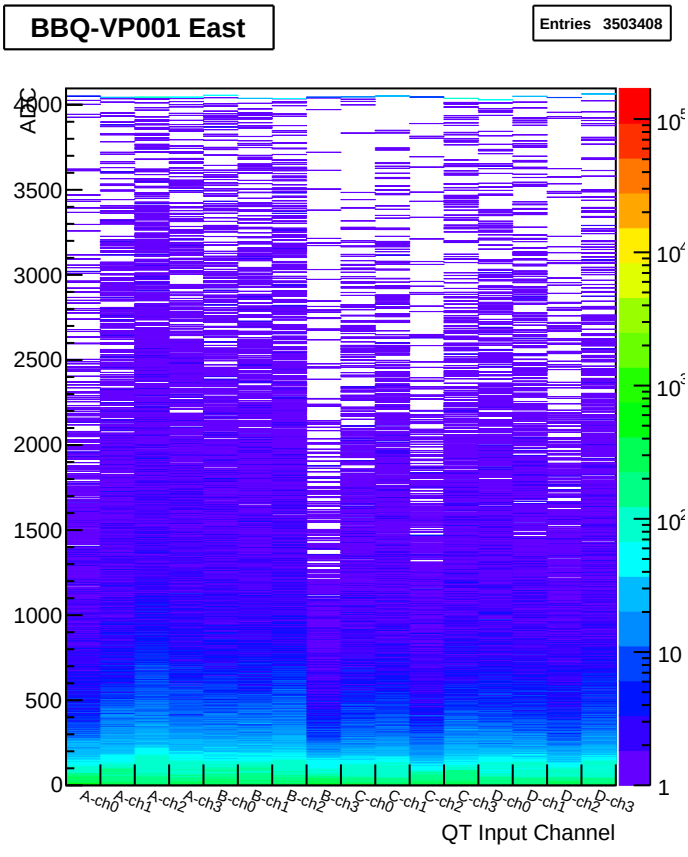

BBQ-BB001 (BBC east small tiles TAC)
Entries 3503408
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

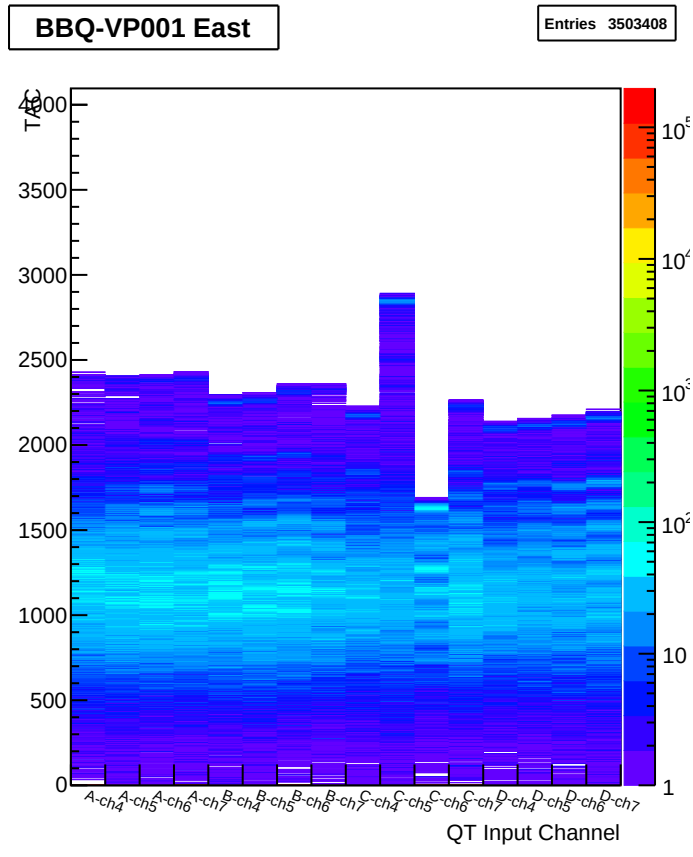

BBQ-BB002 (BBC west small tiles ADC)
Entries 3503408
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

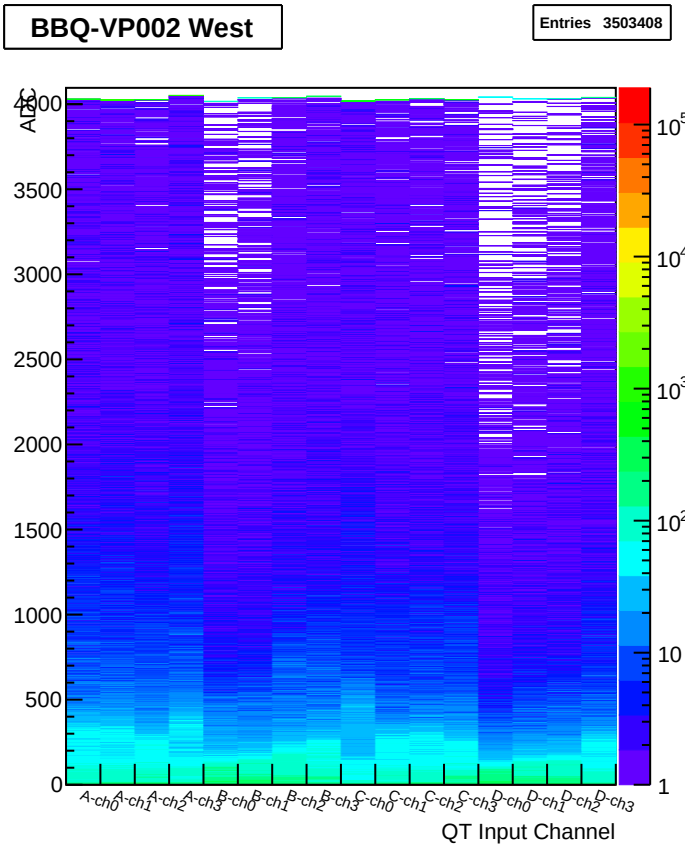

BBQ-BB002 (BBC west small tiles TAC)
Entries 3503408
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

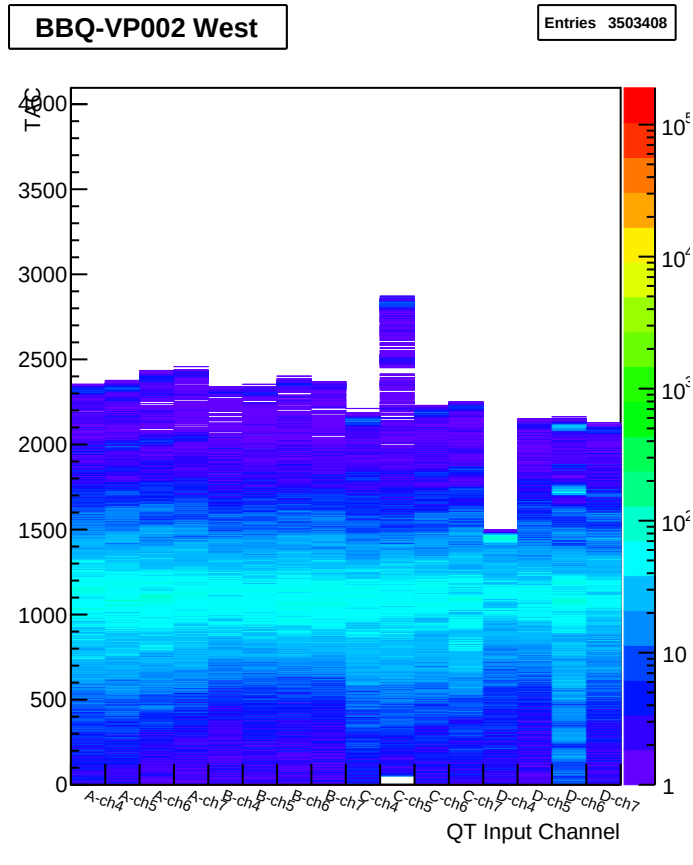

BBQ-ZD001 (ZDC TOWER)
Entries 3503408
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

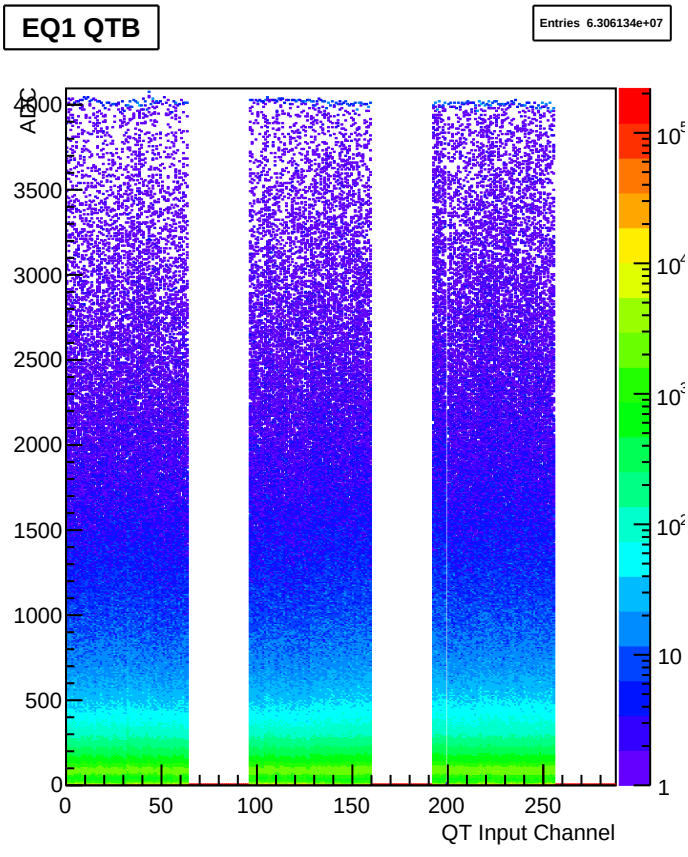

BBQ-ZD001 (ZDC TOWER)
Entries 3503408
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

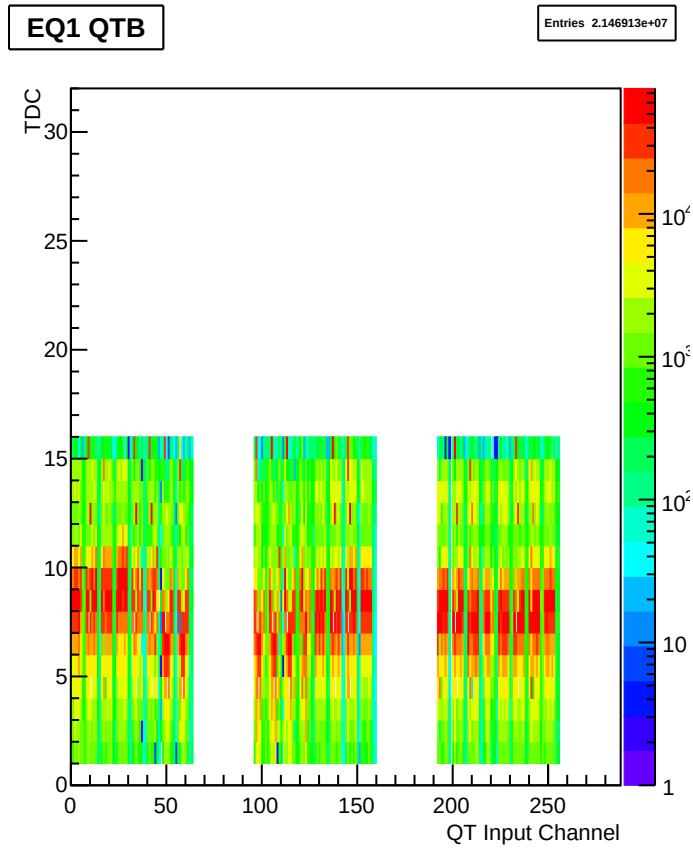

BBQ-VP001 East
Entries 3503408
ADC
QT Input Channel

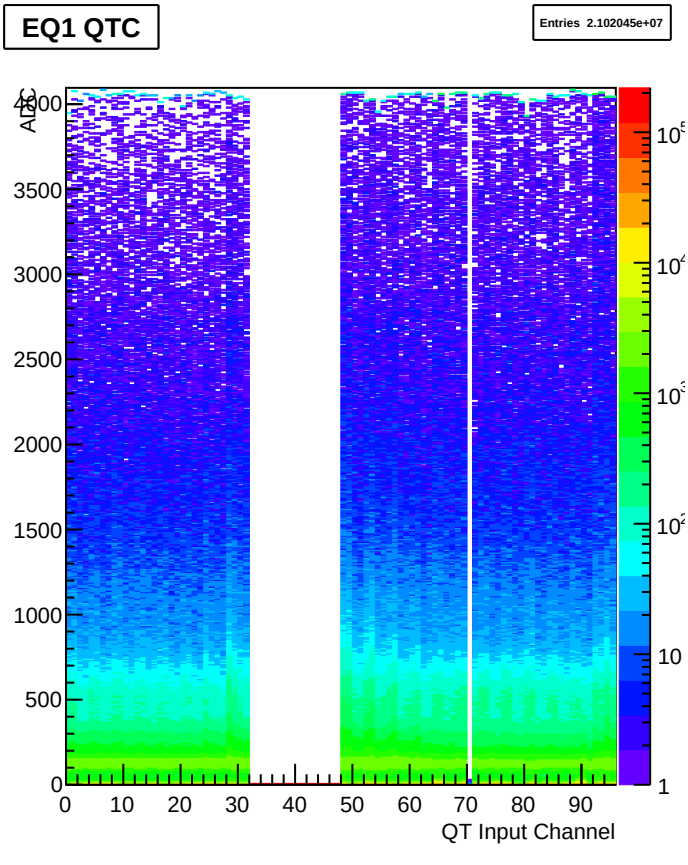

BBQ-VP001 East
Entries 3503408
TADC
QT Input Channel

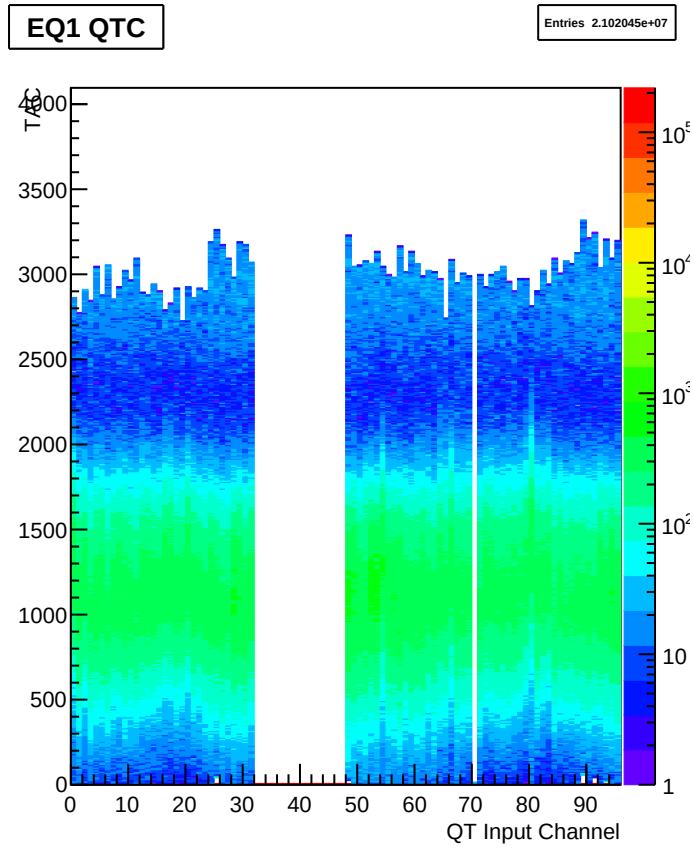

BBQ-VP002 West
Entries 3503408
ADC
QT Input Channel

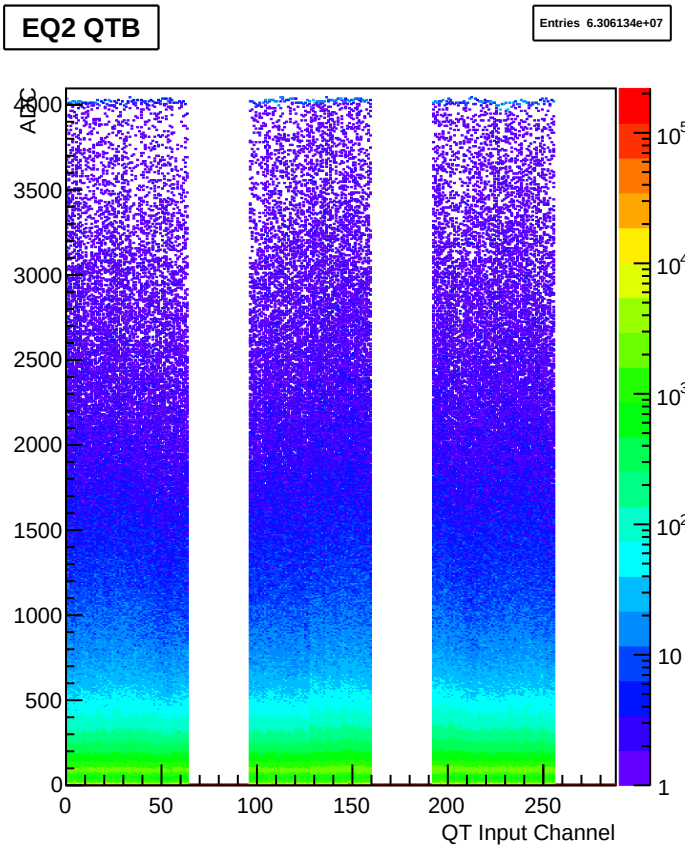

BBQ-VP002 West
Entries 3503408
TADC
QT Input Channel

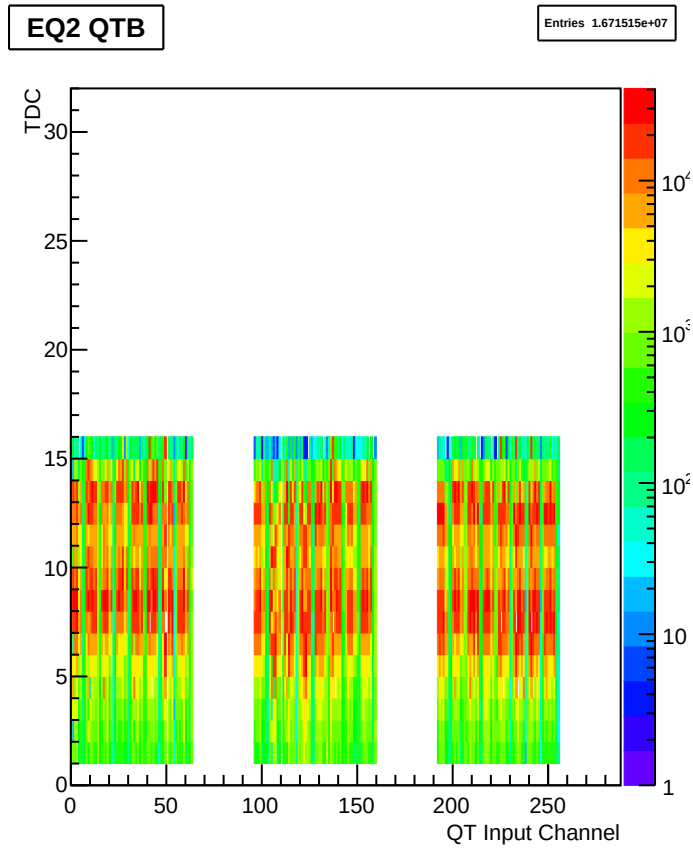

EQ1 QTB
Entries 6.306134e+07
ADC
QT Input Channel

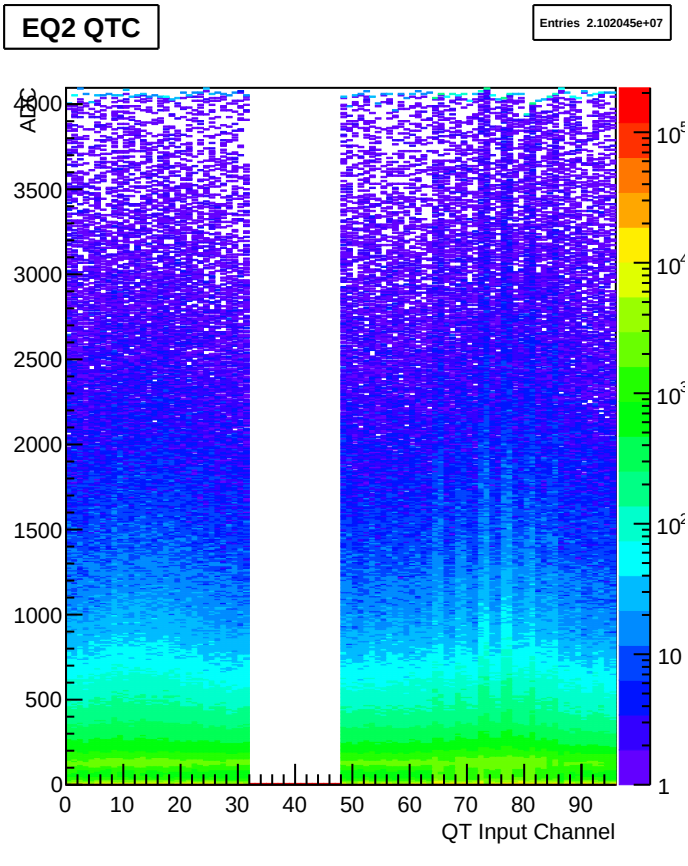

EQ1 QTB
Entries 2.146913e+07
TDC
QT Input Channel

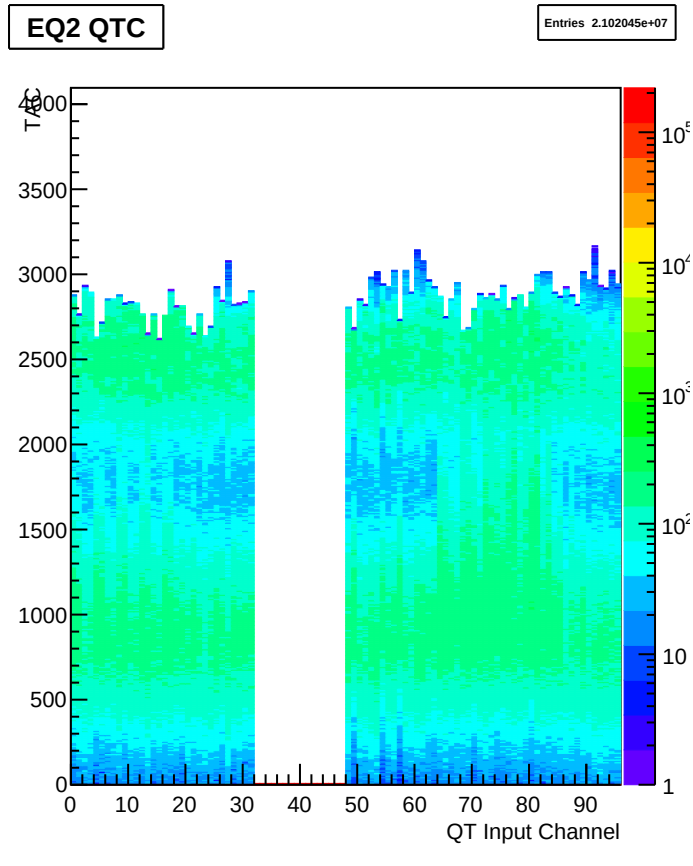

EQ1 QTC
Entries 2.102045e+07
ADC
QT Input Channel

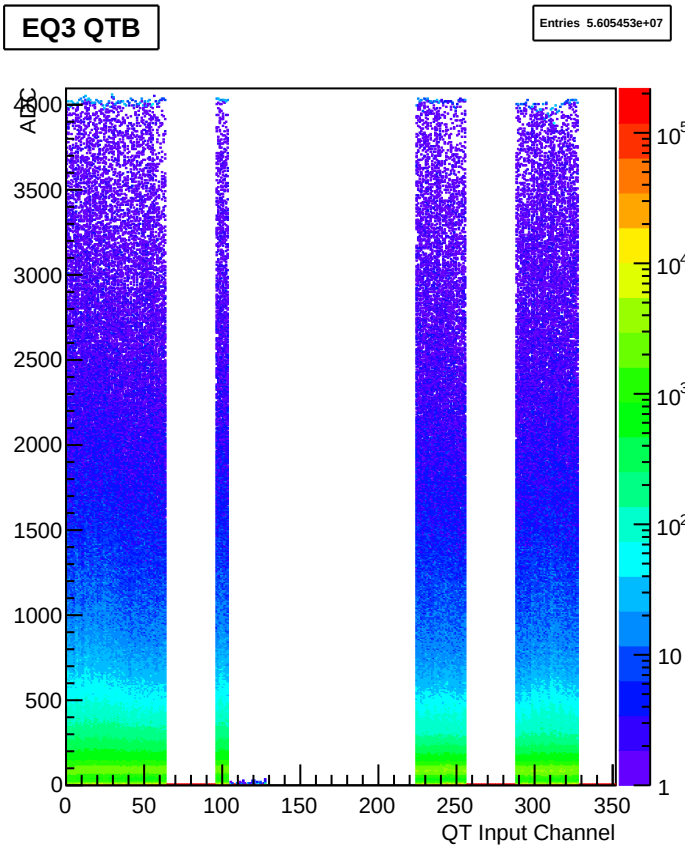

EQ1 QTC
Entries 2.102045e+07
TADC
QT Input Channel

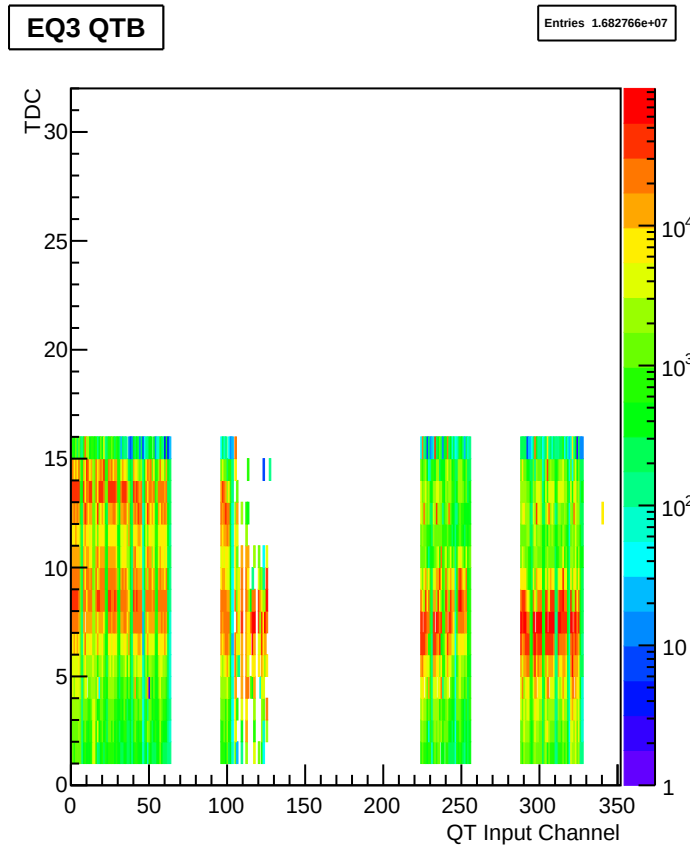

EQ2 QTB
Entries 6.306134e+07
ADC
QT Input Channel

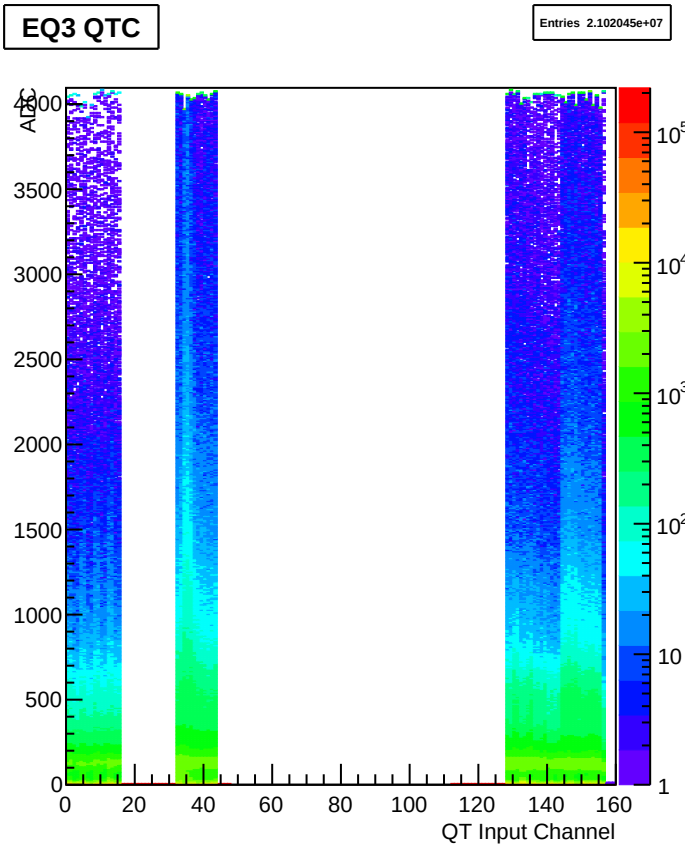

EQ2 QTB
Entries 1.671515e+07
TDC
QT Input Channel

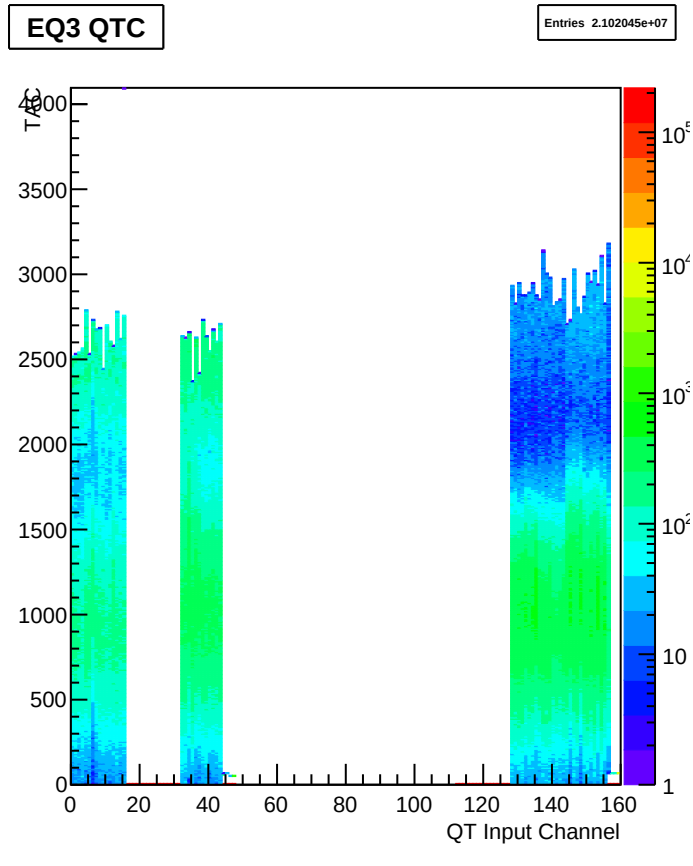

EQ2 QTC
Entries 2.102045e+07
ADC
QT Input Channel

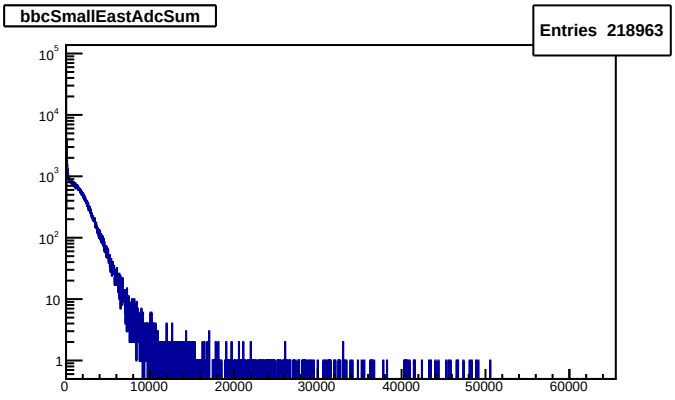

EQ2 QTC
Entries 2.102045e+07
TADC
QT Input Channel

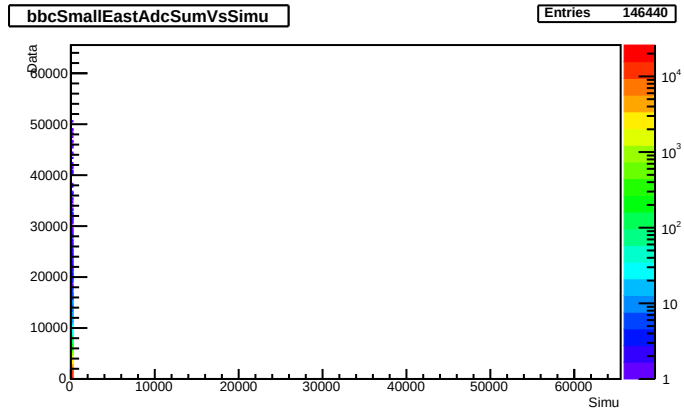

EQ3 QTB
Entries 5.605453e+07
ADC
QT Input Channel

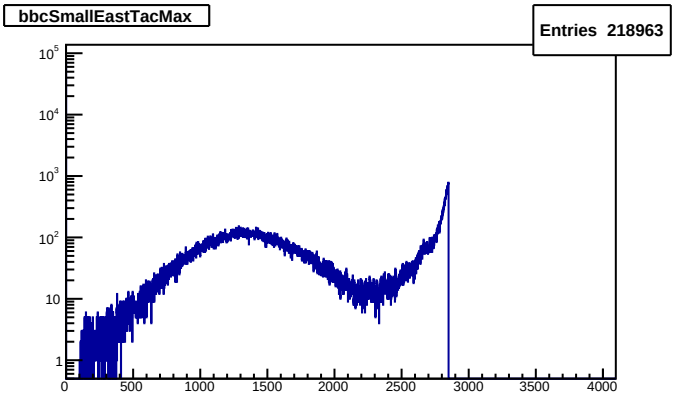

EQ3 QTB
Entries 1.682766e+07
TDC
QT Input Channel

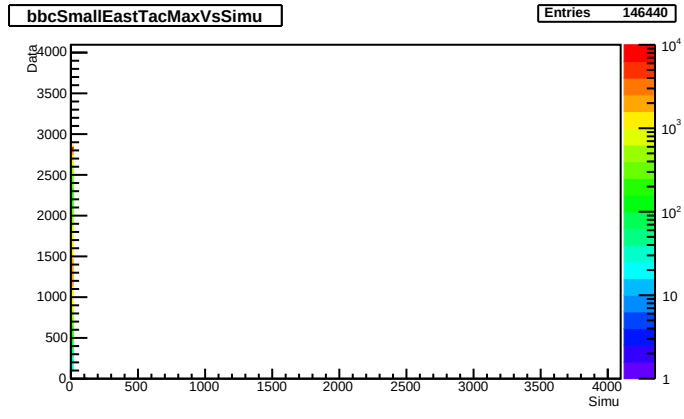

EQ3 QTC
Entries 2.102045e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.102045e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 218963


bbcSmallEastAdcSumVsSimu
Entries 146440
Data
Simu


bbcSmallEastTacMax
Entries 218963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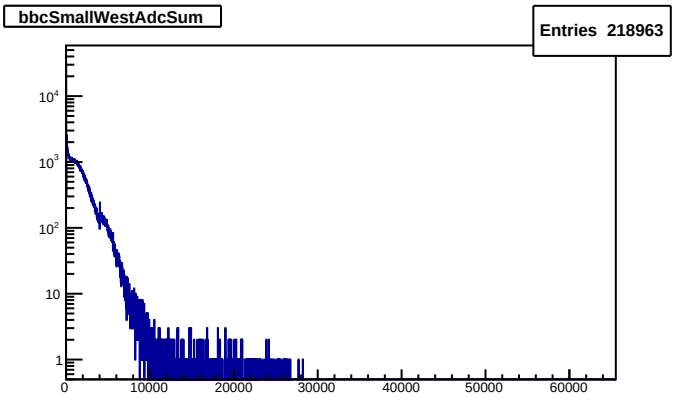
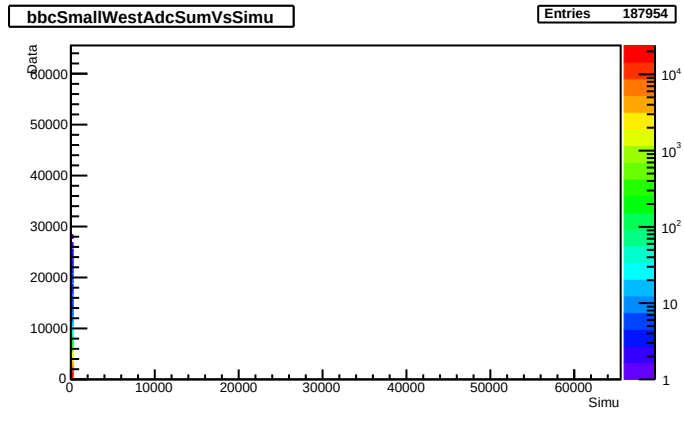
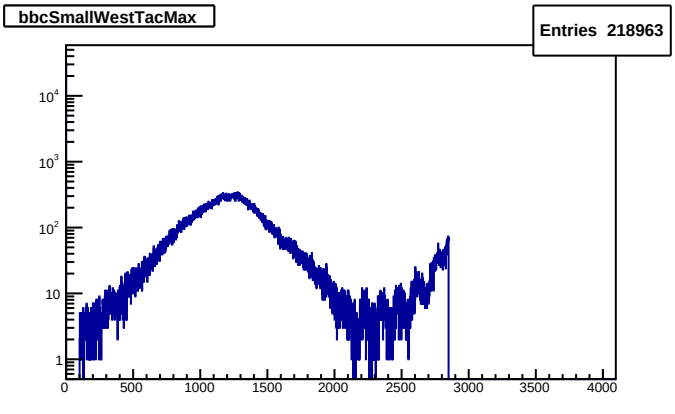
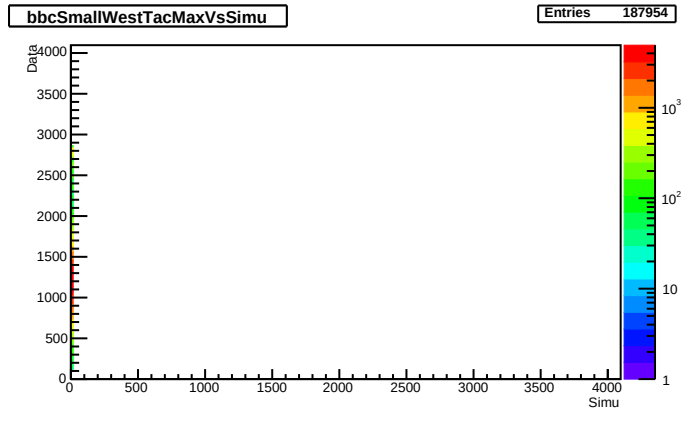
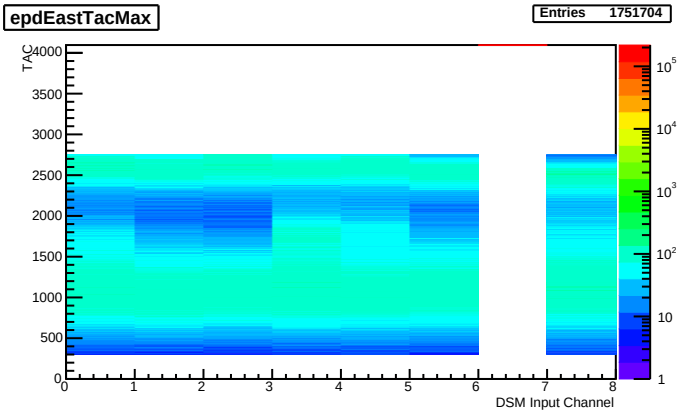
Entries 146440
Data
Simu

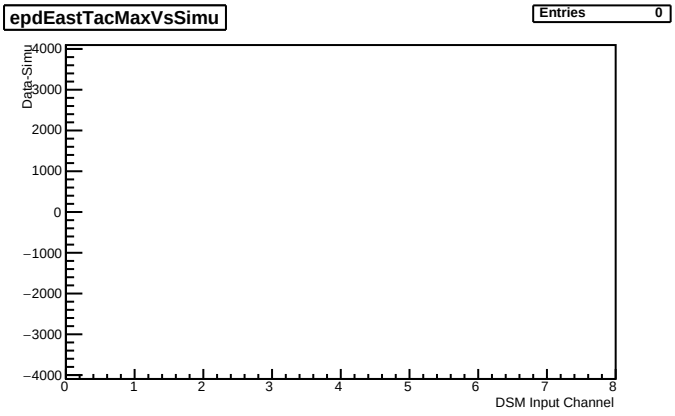

bbcSmallWestAdcSum
Entries 218963

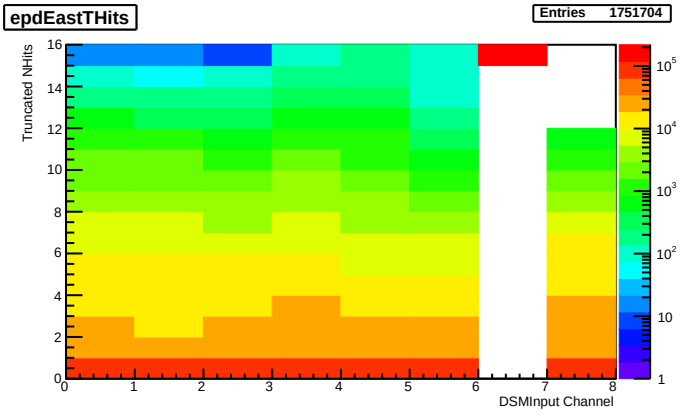

bbcSmallWestAdcSumVsSimu
Entries 187954
Data
Simu

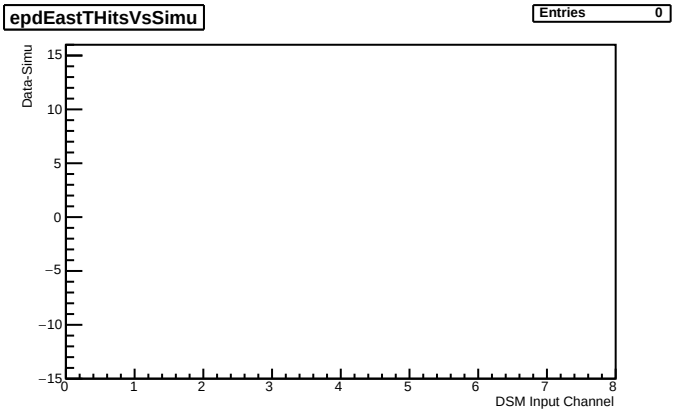

bbcSmallWestTacMax
Entries 218963

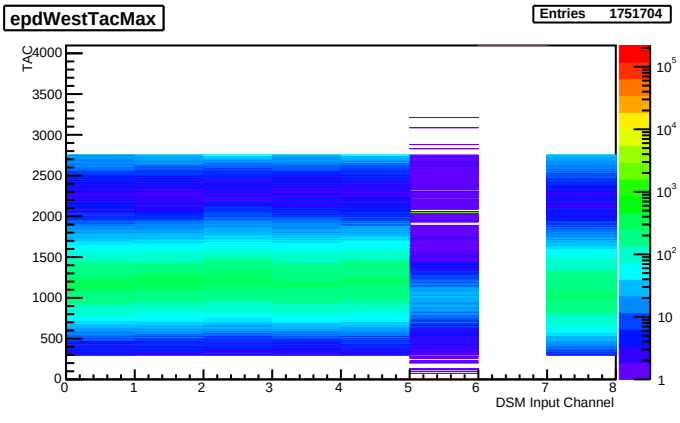

bbcSmallWestTacMaxVsSimu
Entries 187954
Data
Simu

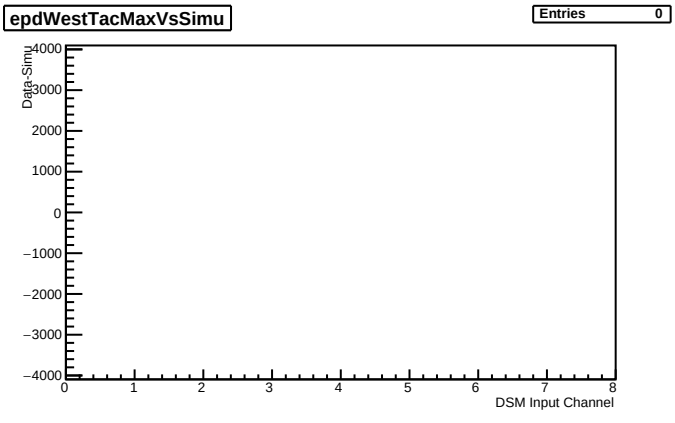

epdEastTacMax
Entries 1751704
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1751704
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1751704
TAC
DSM Input Channel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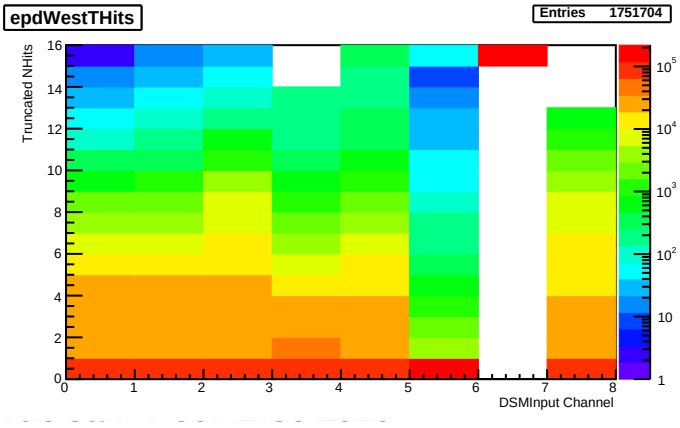
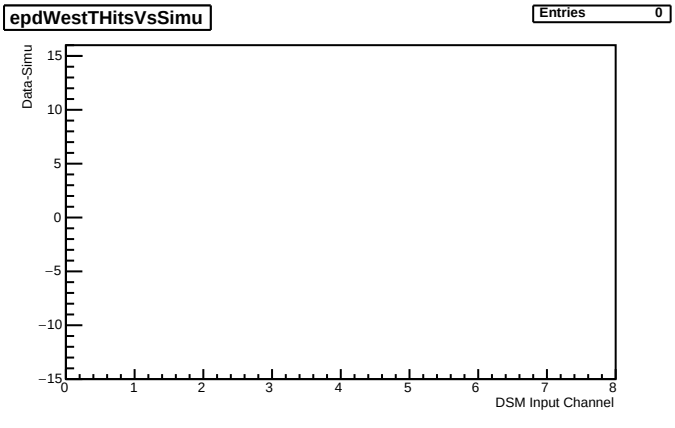
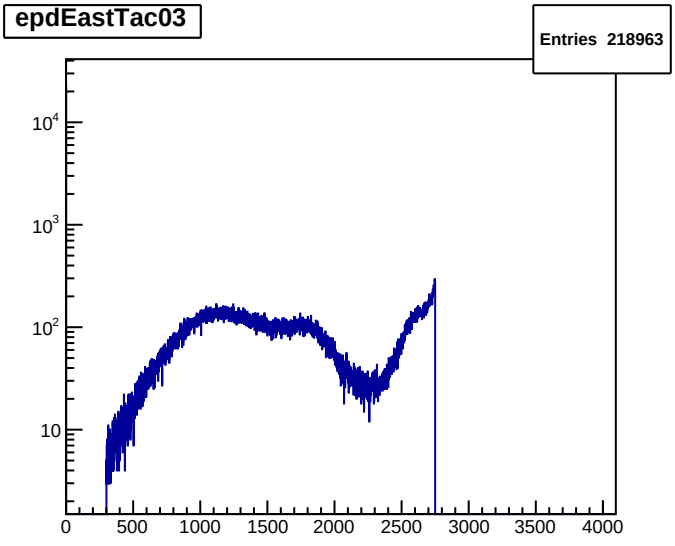
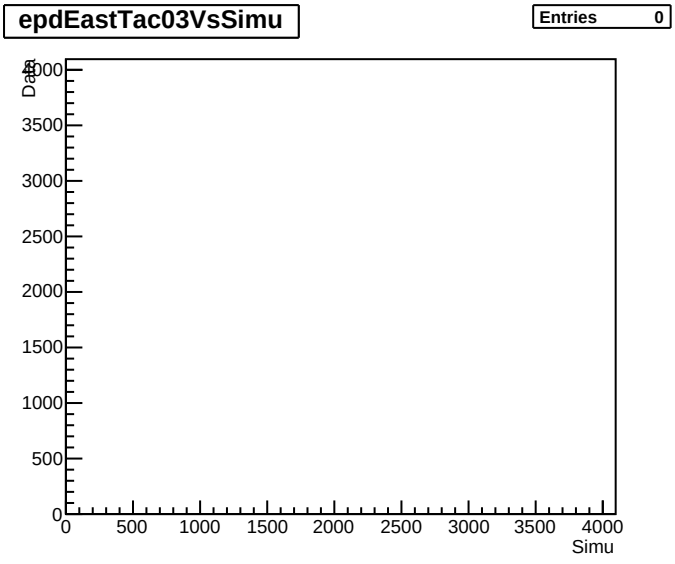
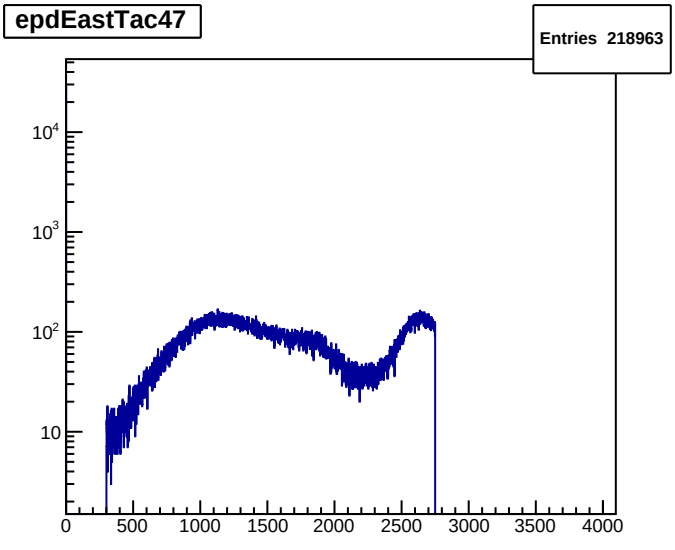
Entries 0
Data-Simu
DSM Input Channel

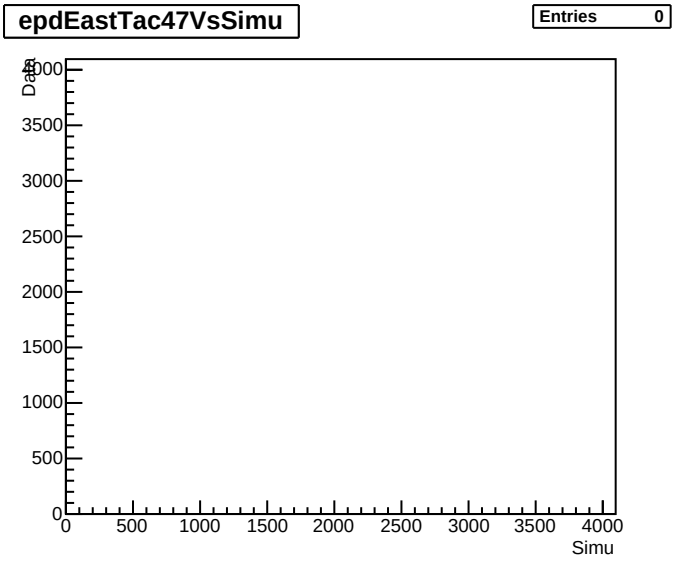

epdWestTHits
Entries 1751704
Truncated NHits
DSMInput Channel

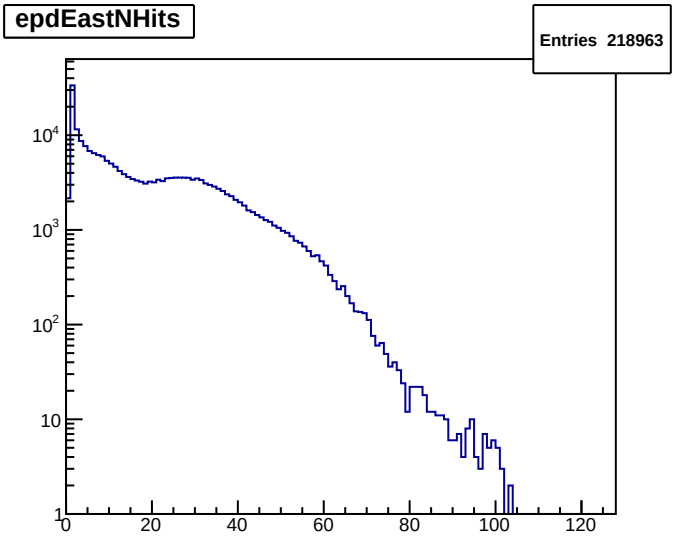

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

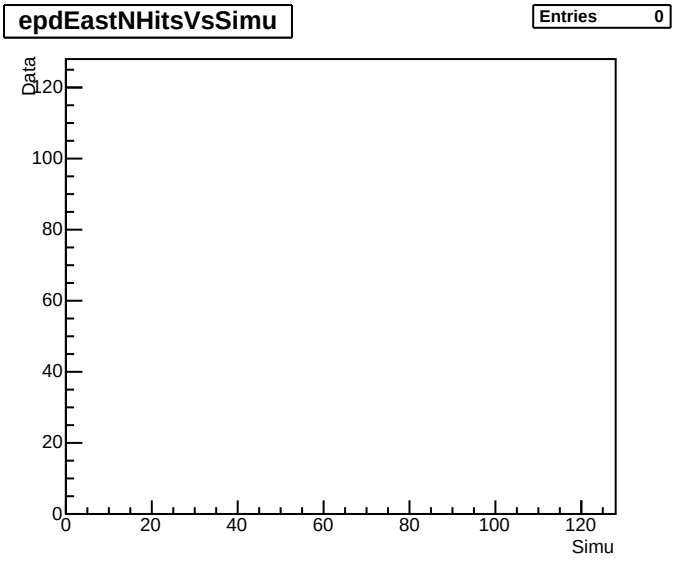

epdEastTac03
Entries 218963


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 218963


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 218963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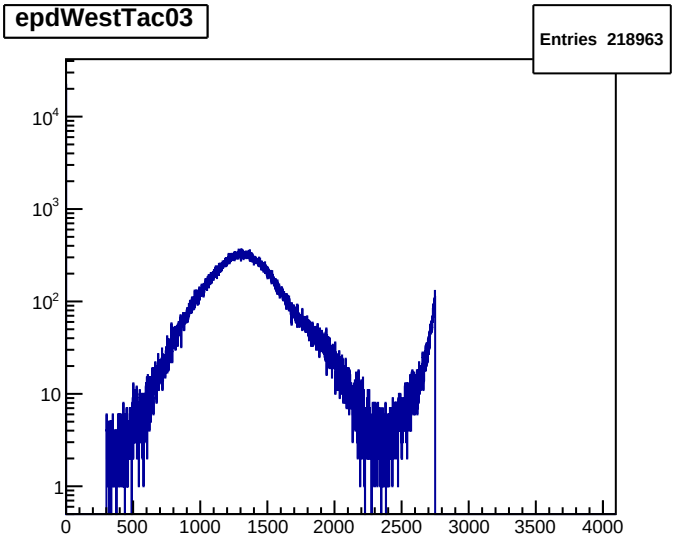
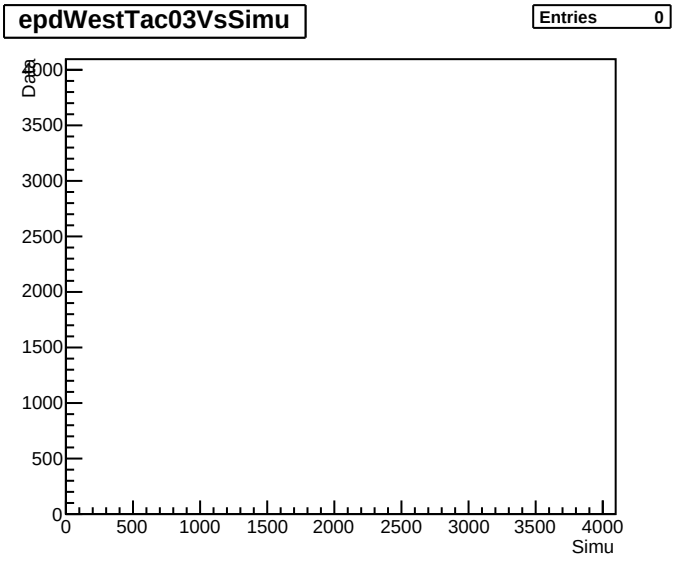
Entries 0
Data
Simu


epdWestTac03
Entries 218963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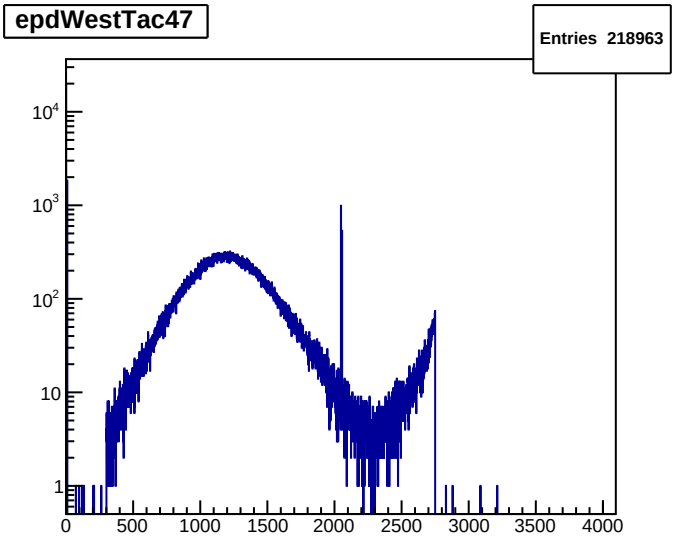
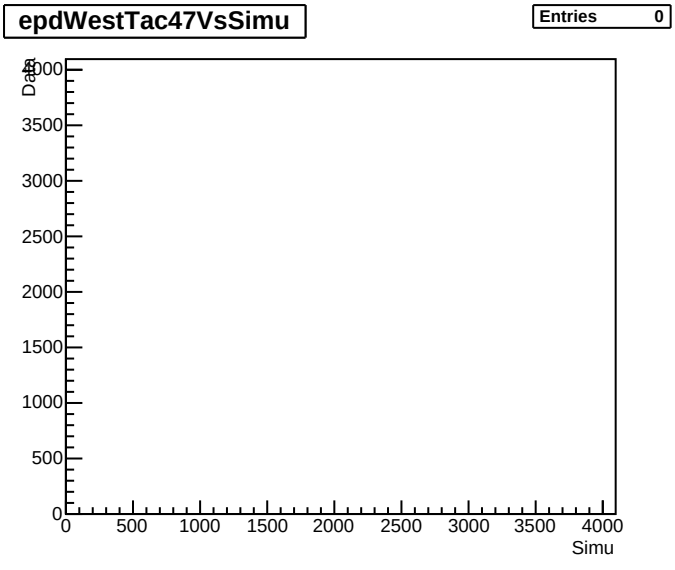
Entries 0
Data
Simu


epdWestTac47
Entries 218963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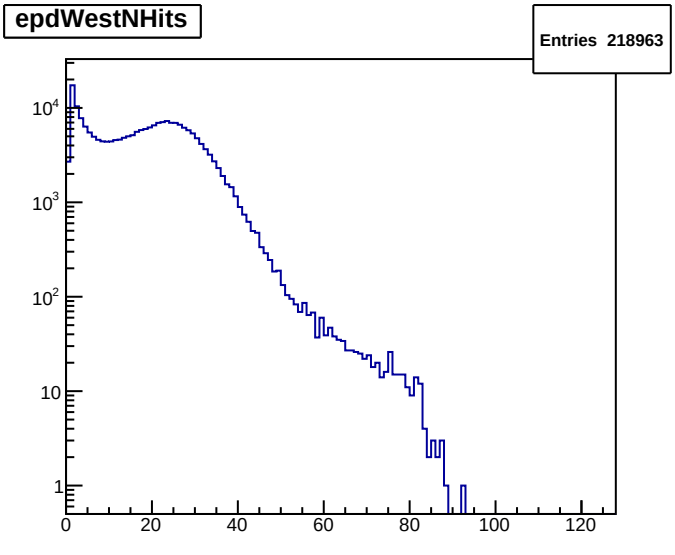
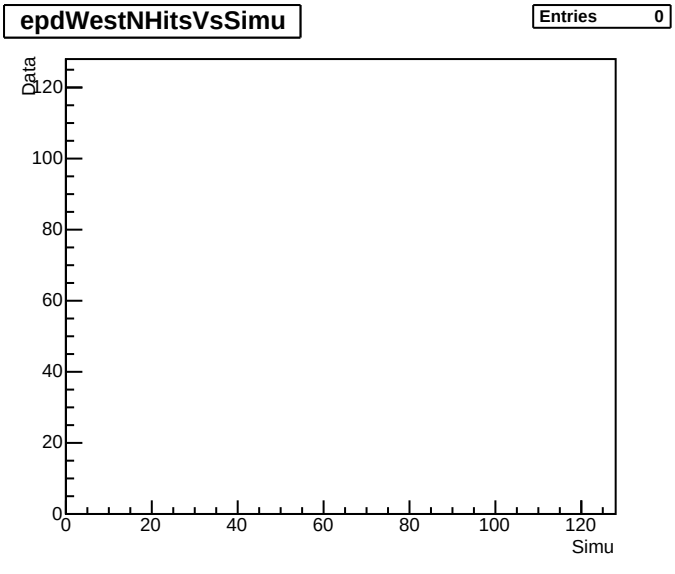
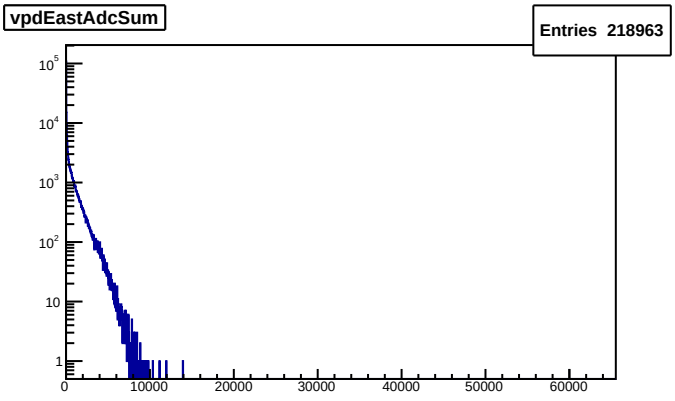
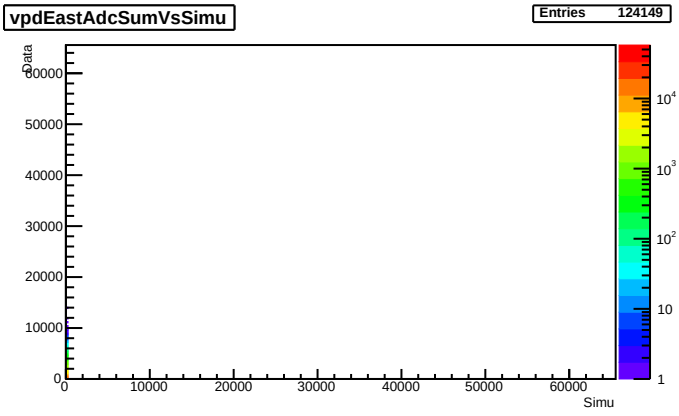
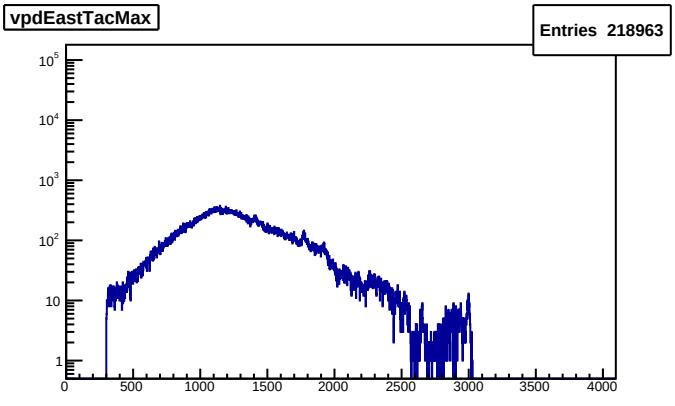
Entries 0
Data
Simu

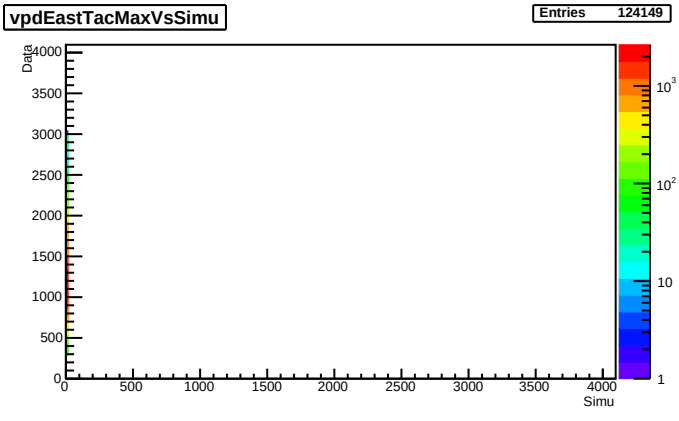

epdWestNHits
Entries 218963

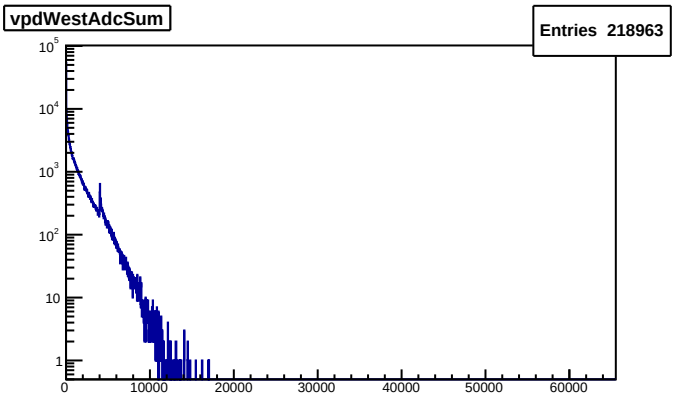

epdWestNHitsVsSimu
Entries 0
Data
Simu

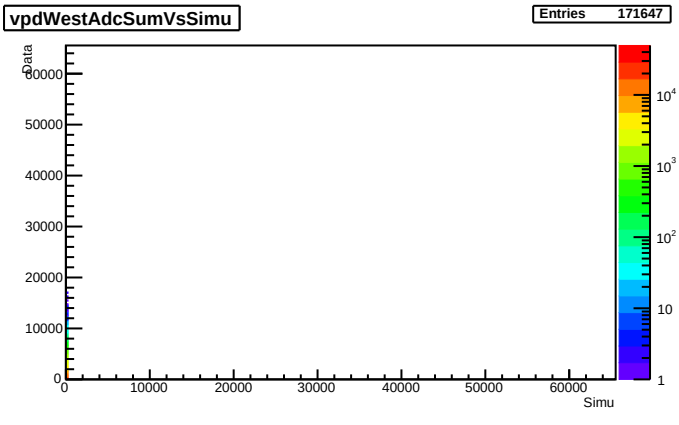

vpdEastAdcSum
Entries 218963

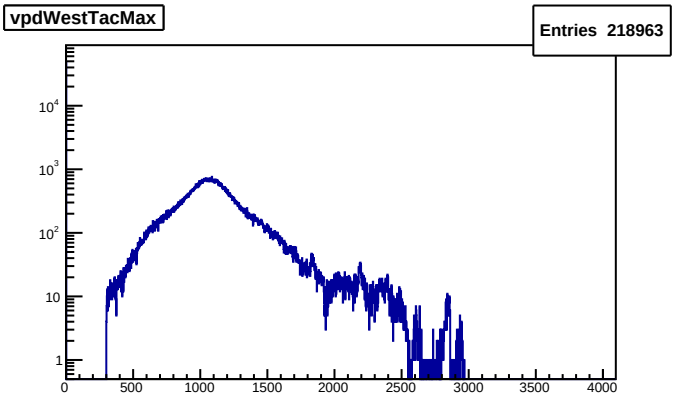

vpdEastAdcSumVsSimu
Entries 124149
Data
Simu

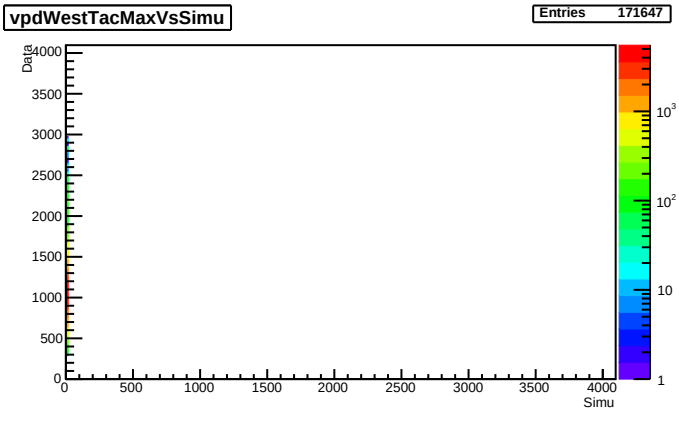

vpdEastTacMax
Entries 218963

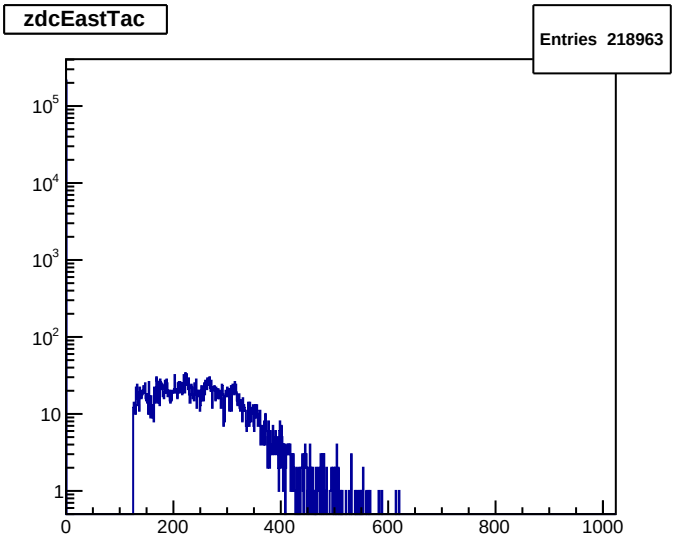

vpdEastTacMaxVsSimu
Entries 124149
Data
Simu

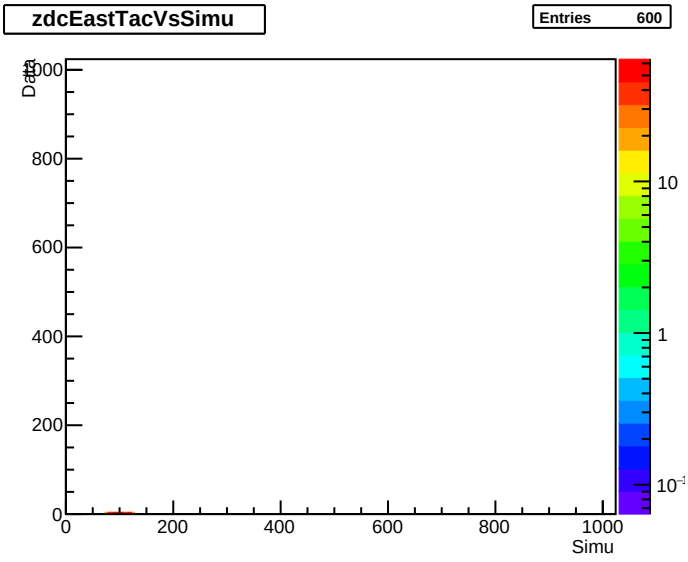

vpdWestAdcSum
Entries 218963

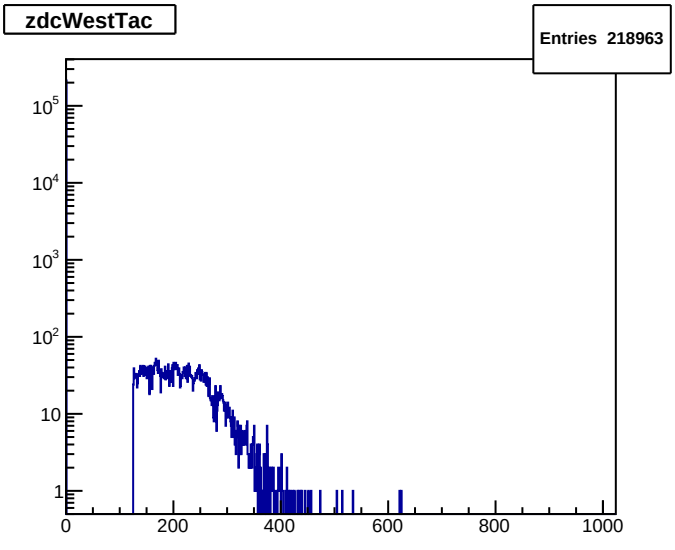

vpdWestAdcSumVsSimu
Entries 171647
Data
Simu

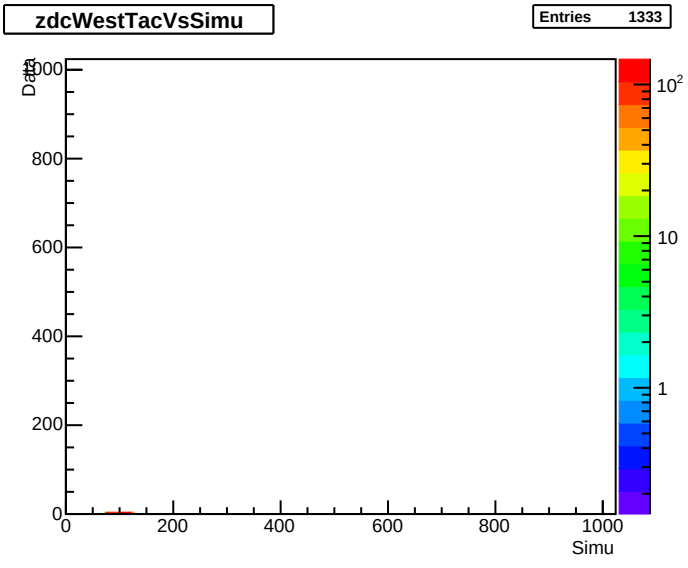

vpdWestTacMax
Entries 218963

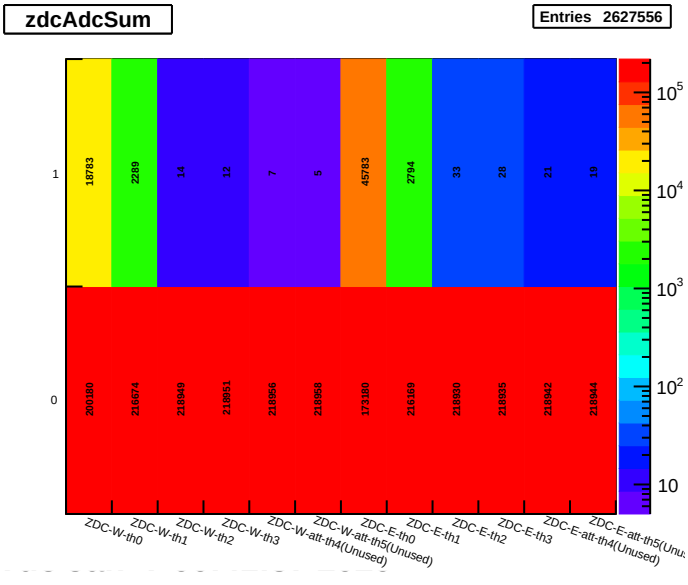

vpdWestTacMaxVsSimu
Entries 171647
Data
Simu

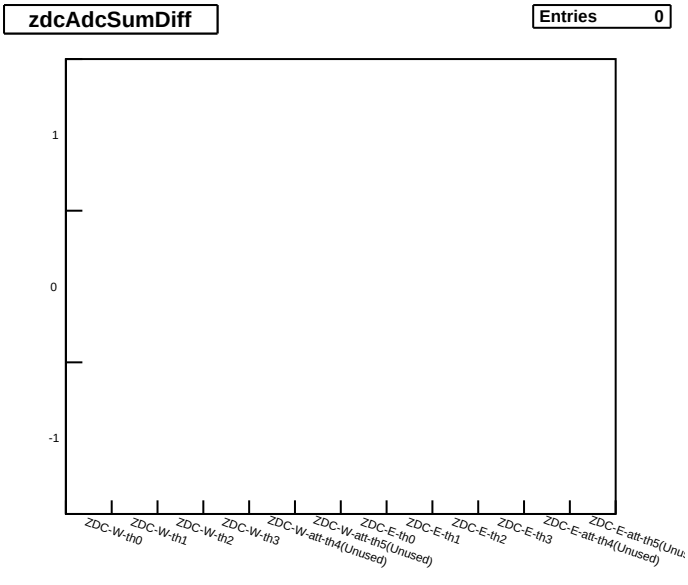

zdcEastTac
Entries 218963

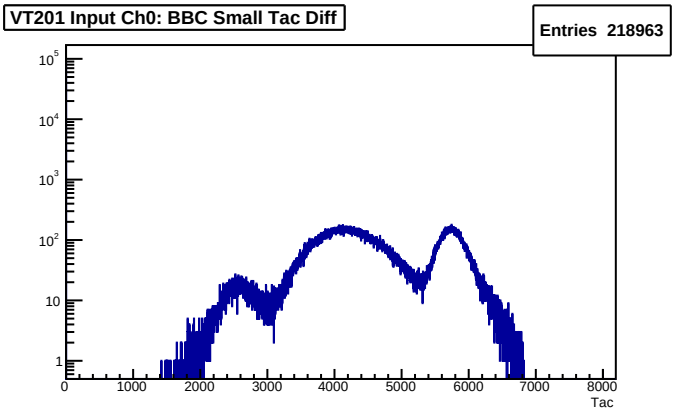

zdcEastTacVsSimu
Entries 600
Data
Simu

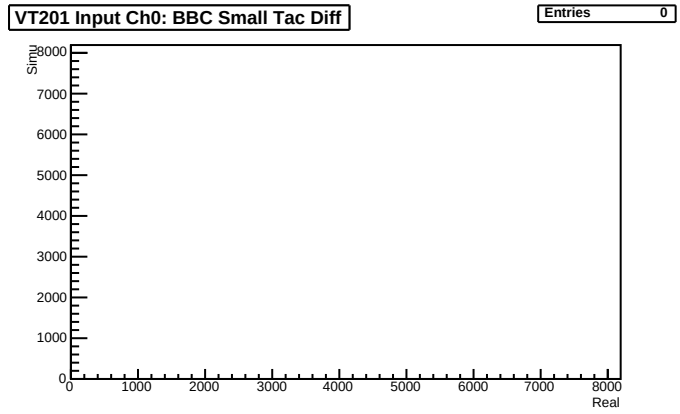

zdcWestTac
Entries 218963

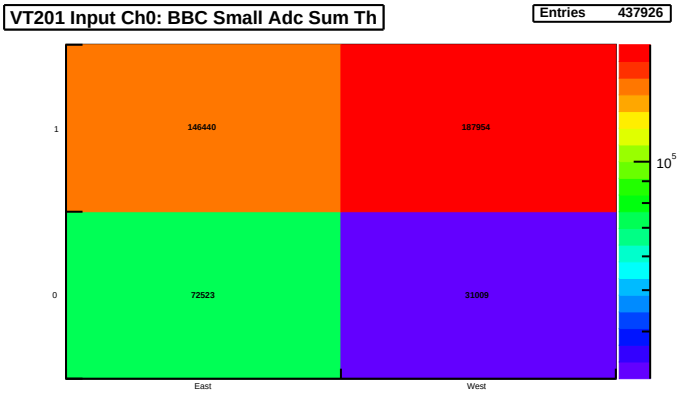

zdcWestTacVsSimu
Entries 1333
Data
Simu

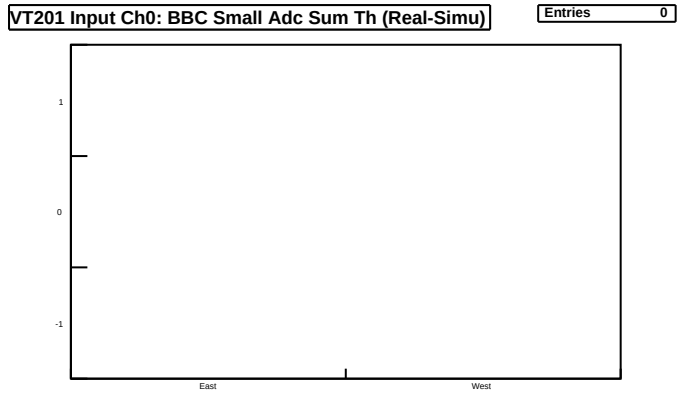

zdcAdcSum
Entries 2627556
18783
2289
14
12
7
5
45783
2794
33
28
21
19
200180
216674
218949
218951
218956
218958
173180
216169
218930
218935
218942
218944
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

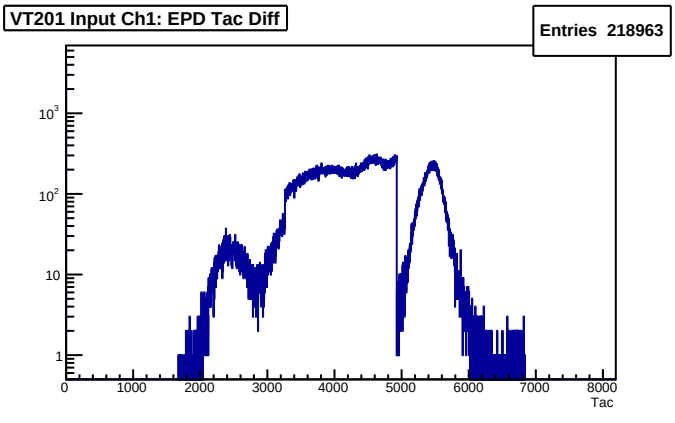

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

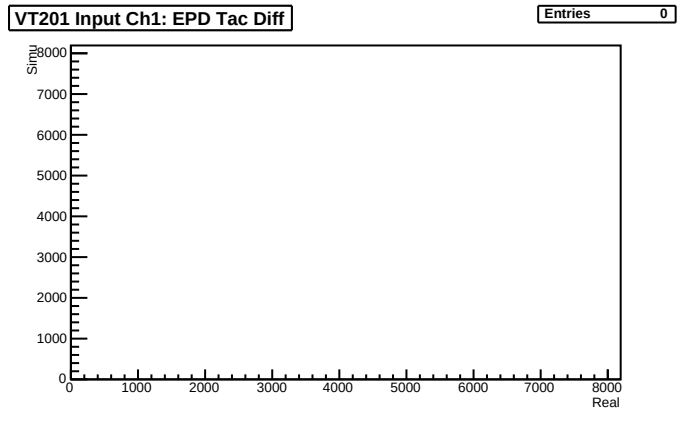

VT201 Input Ch0: BBC Small Tac Diff
Entries 218963
Tac

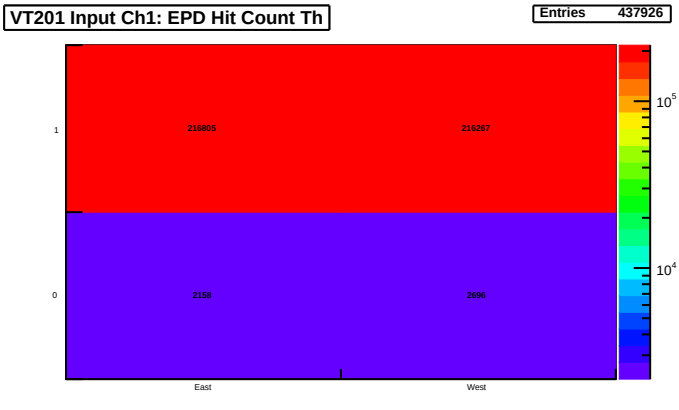

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

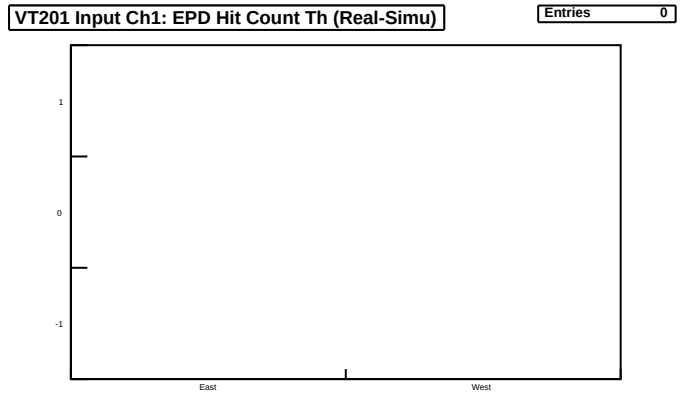

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 437926
146440
187954
72523
31009
East
West

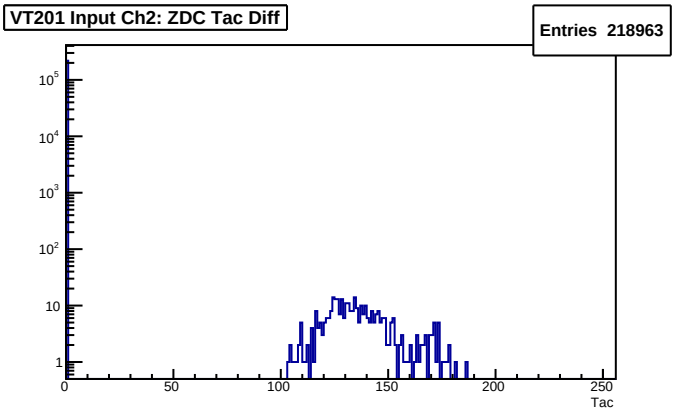

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

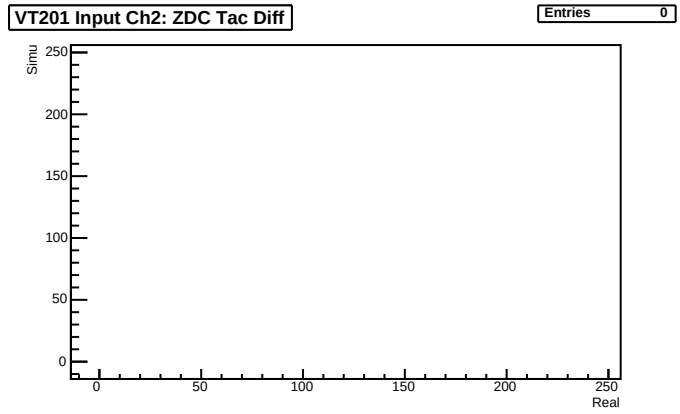

VT201 Input Ch1: EPD Tac Diff
Entries 218963
Tac

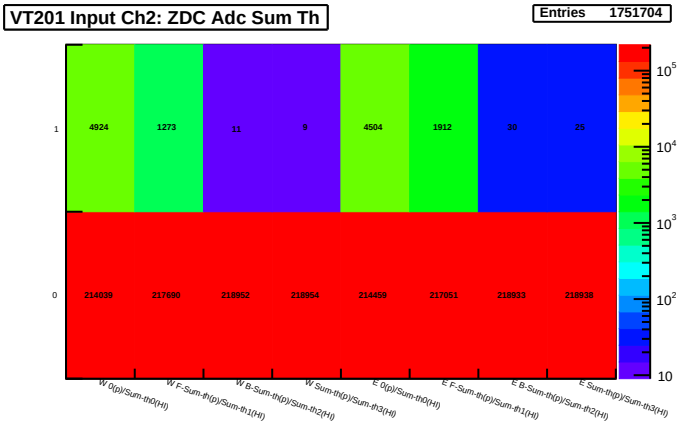

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

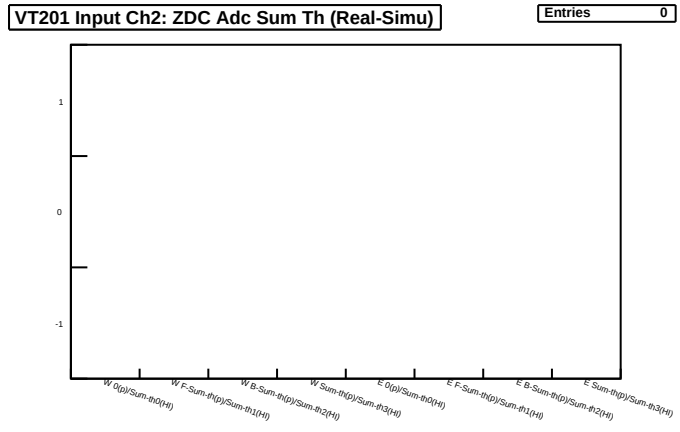

VT201 Input Ch1: EPD Hit Count Th
Entries 437926
216805
216267
2158
2696
East
West

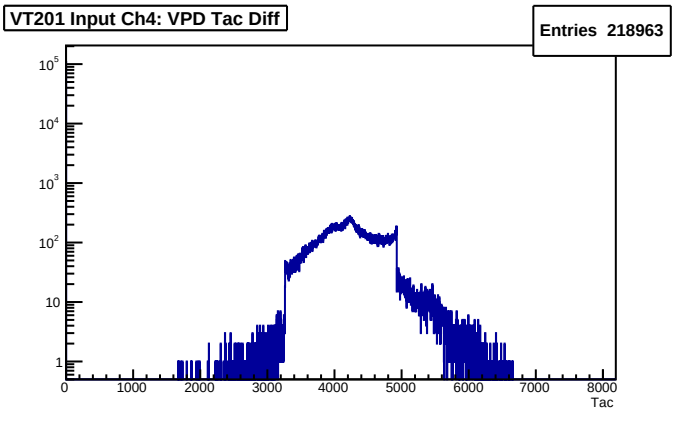

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

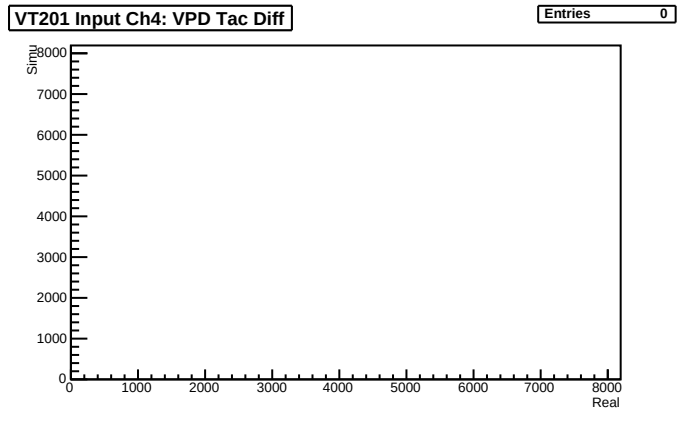

VT201 Input Ch2: ZDC Tac Diff
Entries 218963
Tac

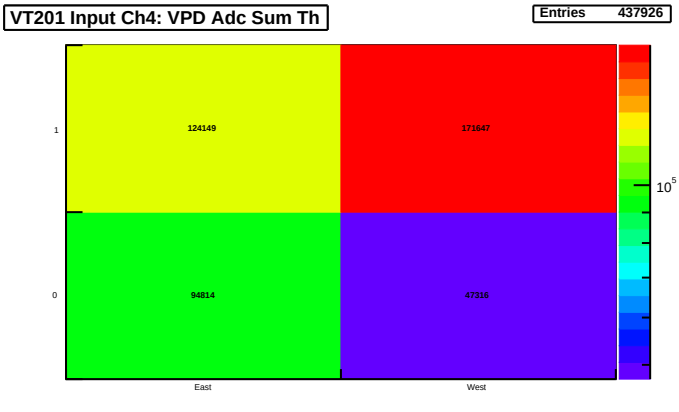

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

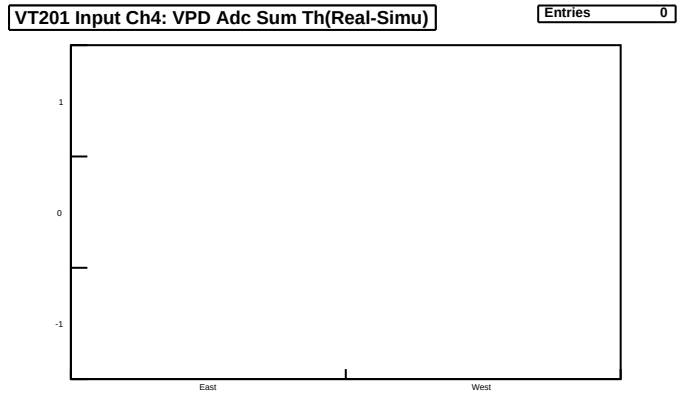

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1751704
4924
1273
11
9
4504
1912
30
25
214039
217690
218952
218954
214459
217051
218933
218938
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

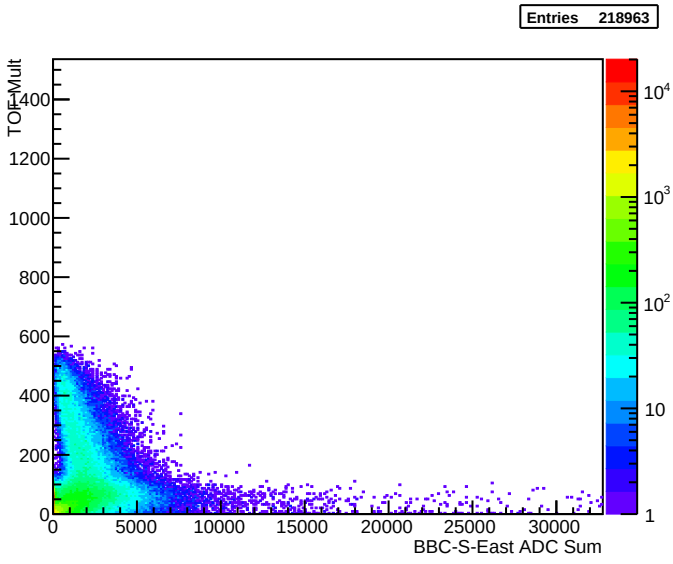

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

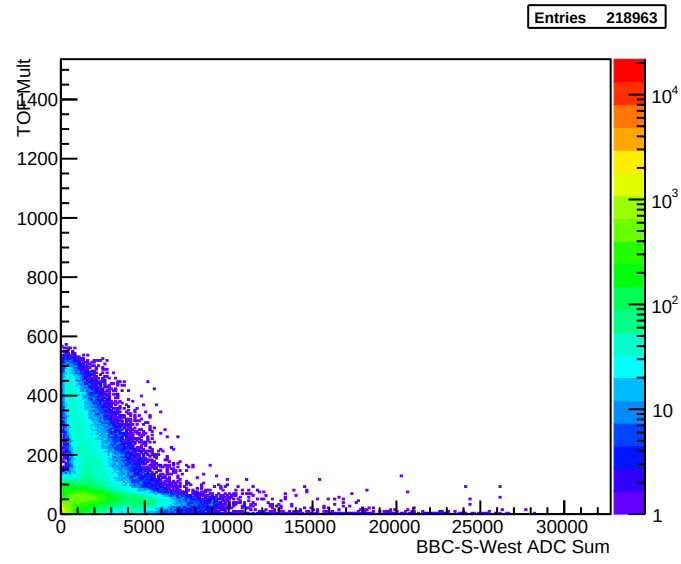

VT201 Input Ch4: VPD Tac Diff
Entries 218963
Tac

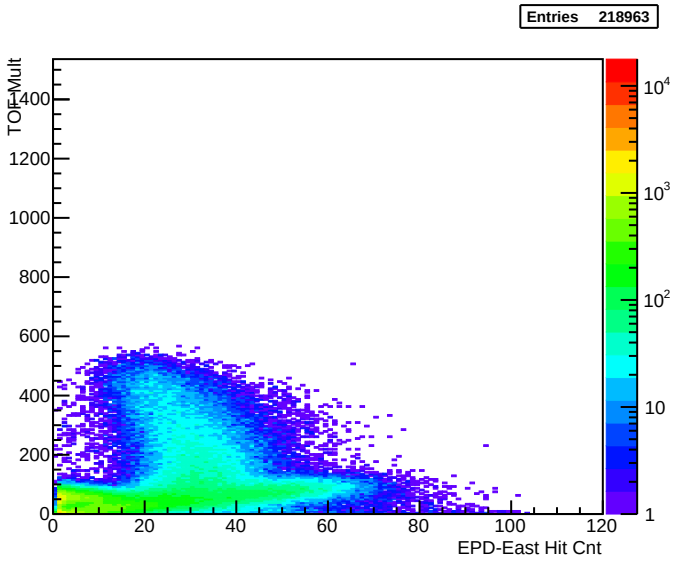

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

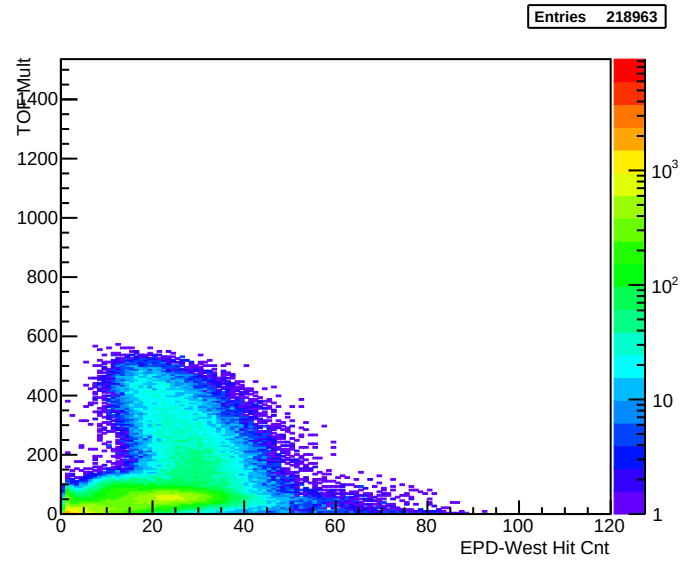

VT201 Input Ch4: VPD Adc Sum Th
Entries 437926
124149
171647
94814
47316
East
West

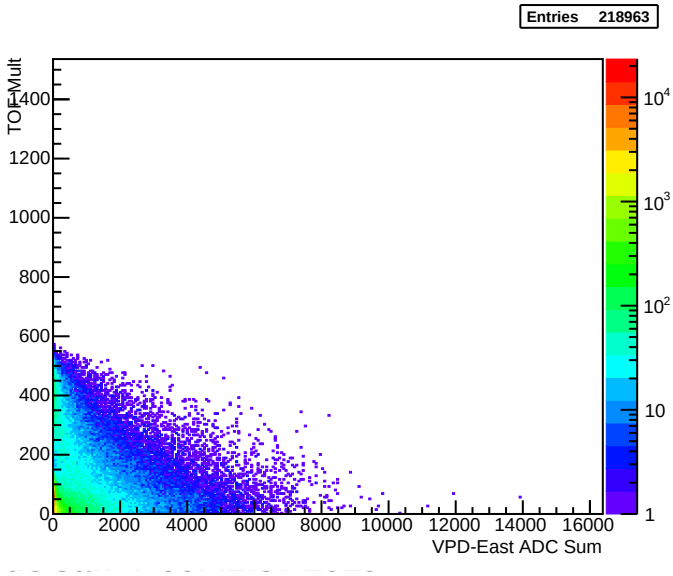

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

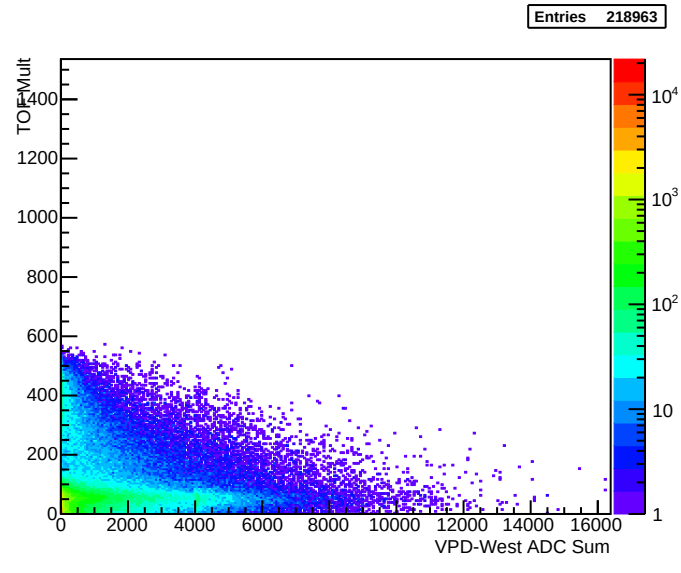

Entries 218963
TOF-Mult
BBC-S-East ADC Sum

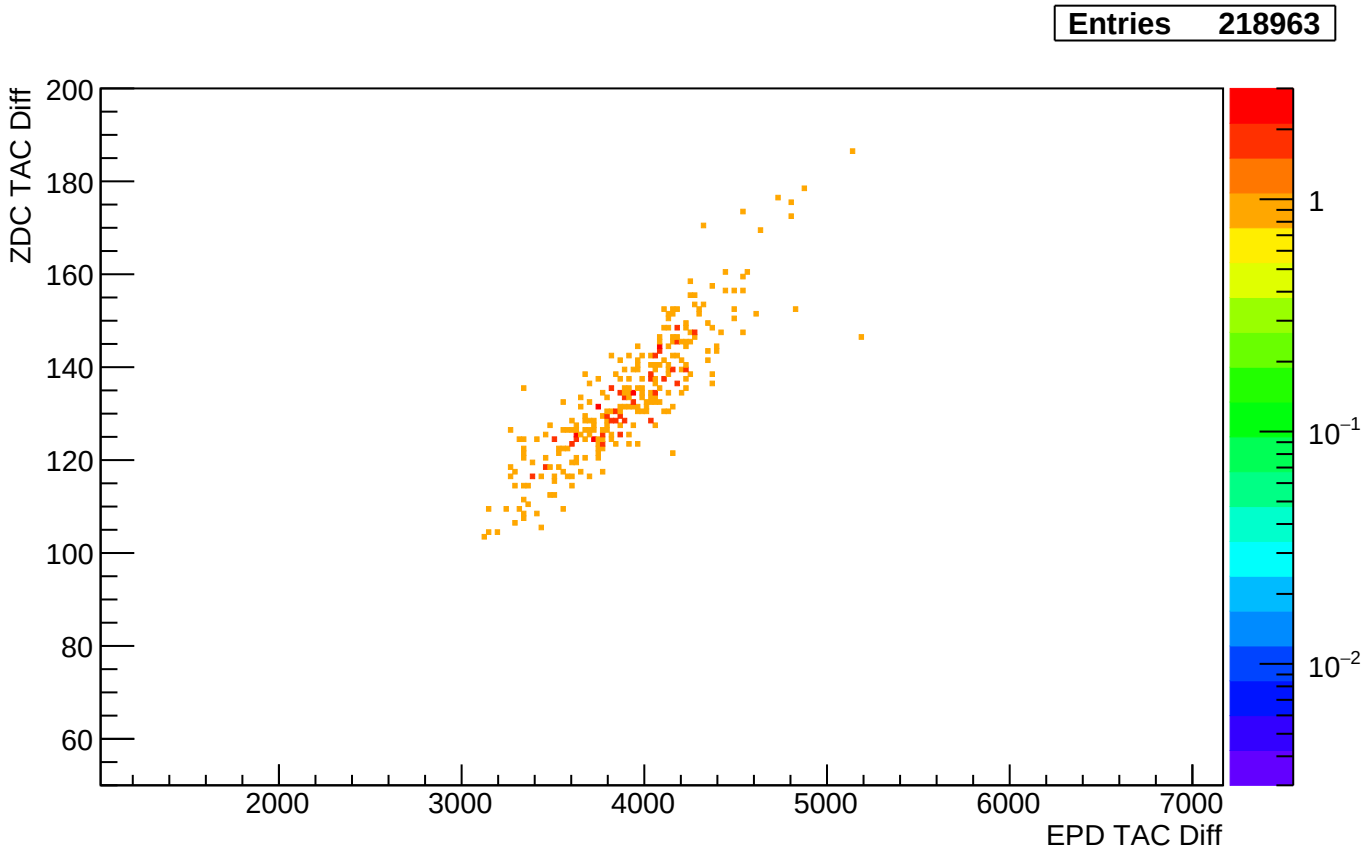

Entries 218963
TOF-Mult
BBC-S-West ADC Sum

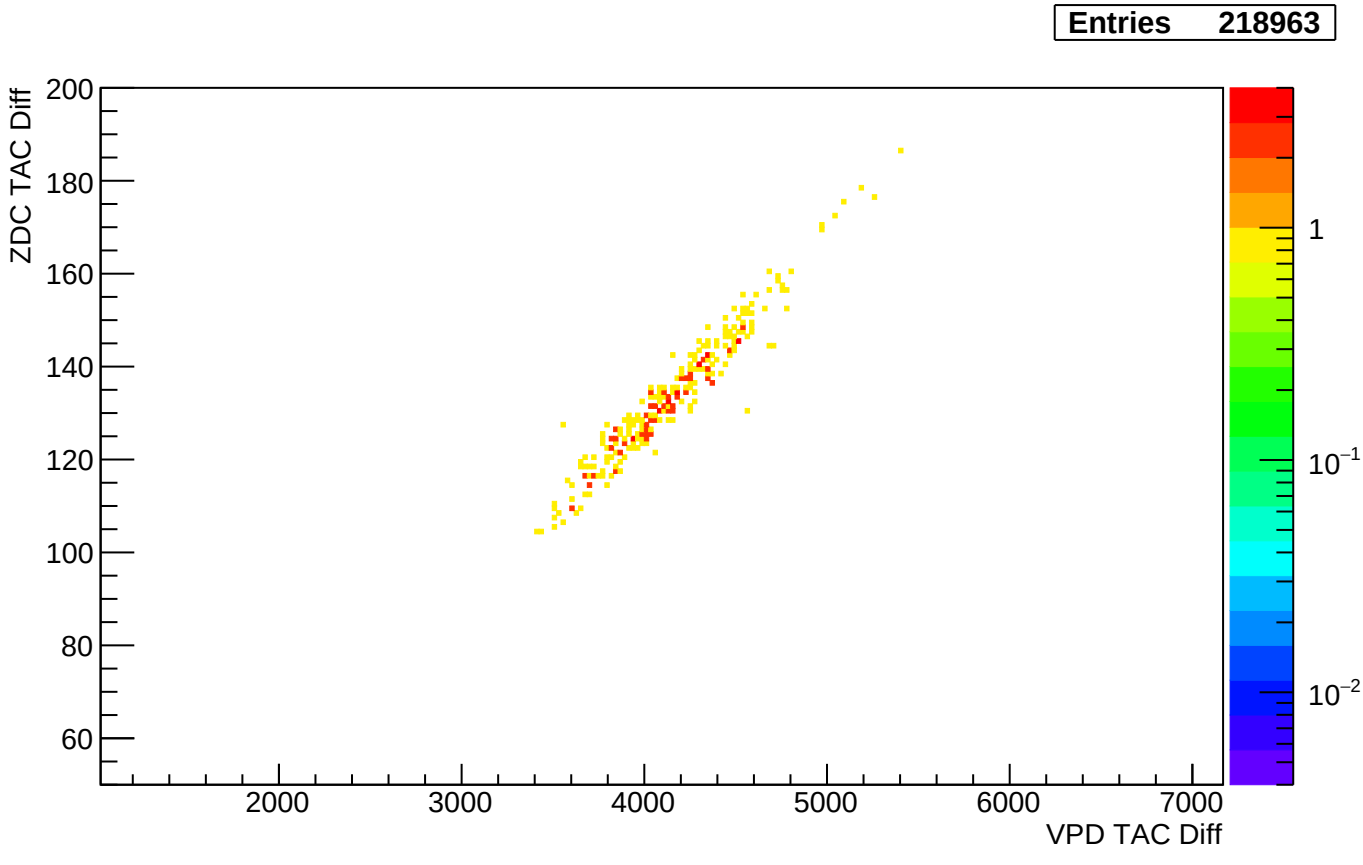

Entries 218963
TOF-Mult
EPD-East Hit Cnt

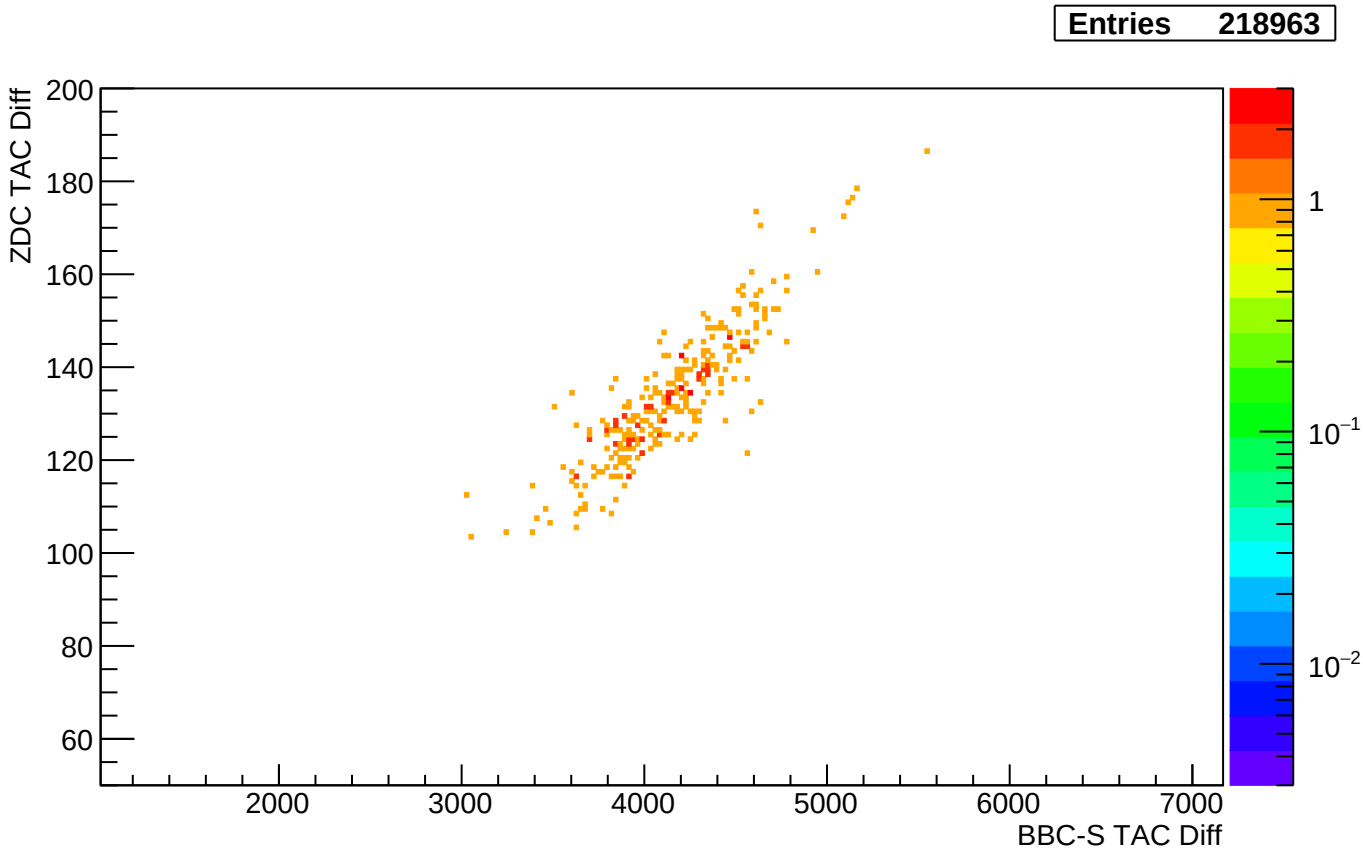

Entries 218963
TOF-Mult
EPD-West Hit Cnt

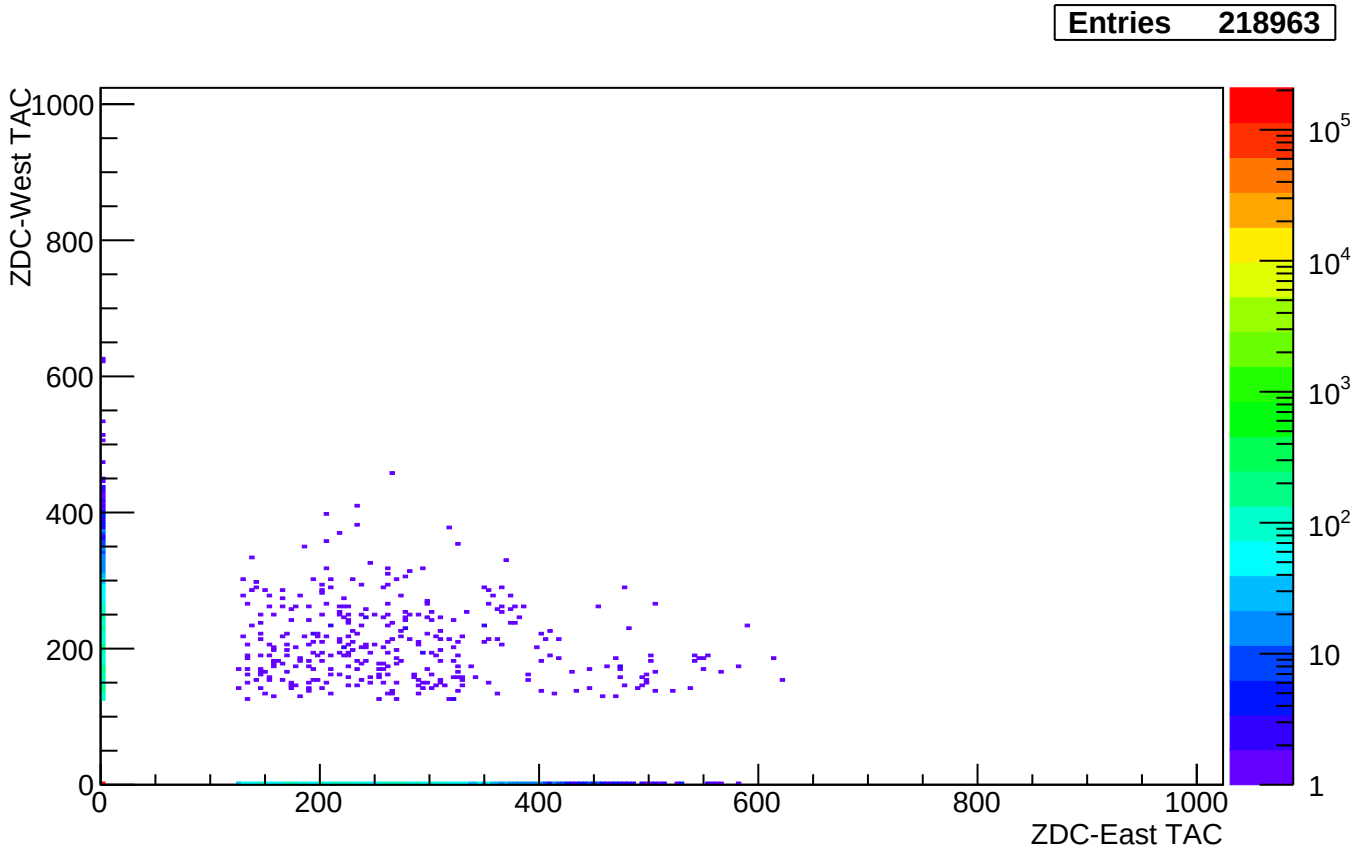

Entries 218963
TOF-Mult
VPD-East ADC Sum

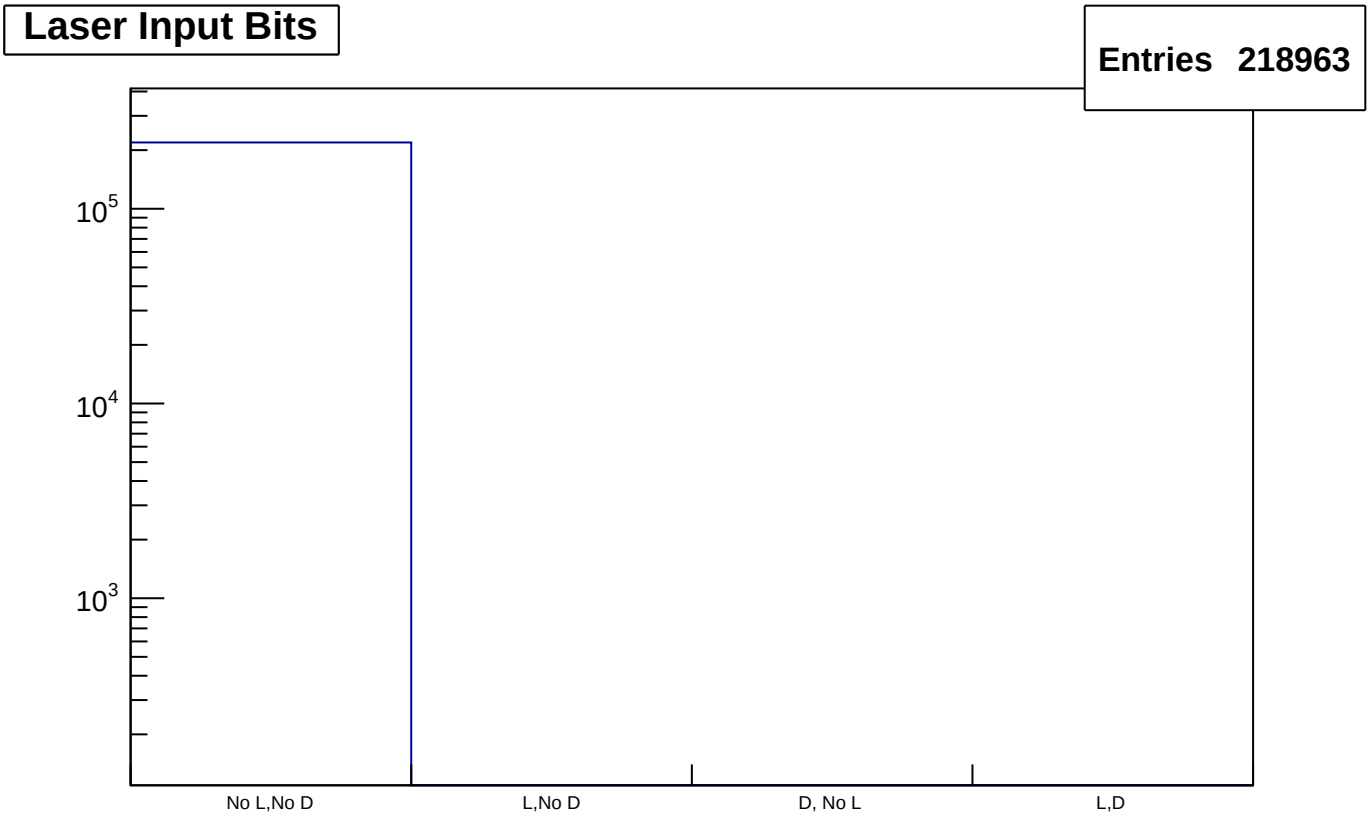

Entries 218963
TOF-Mult
VPD-West ADC Sum

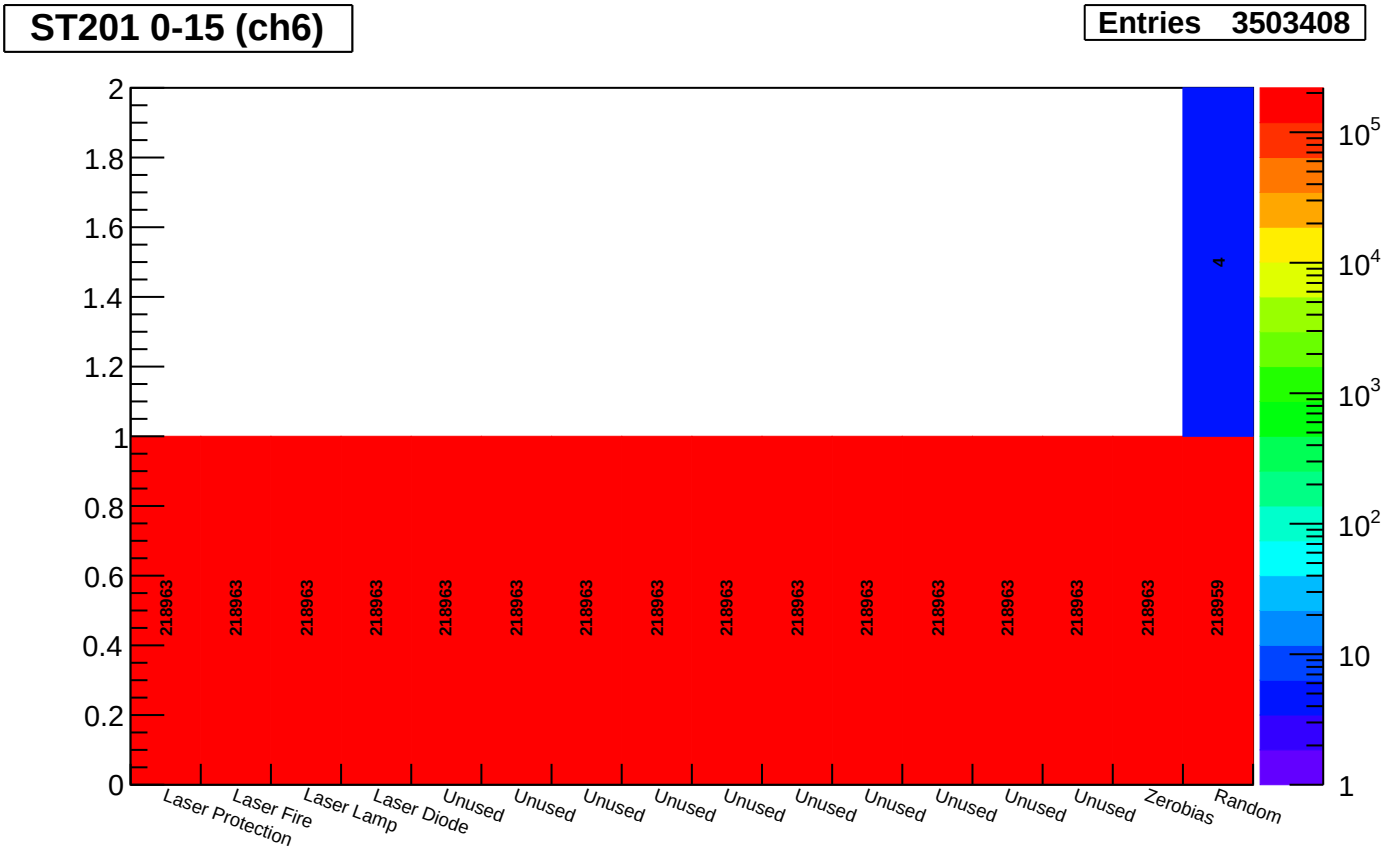

Entries 218963
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

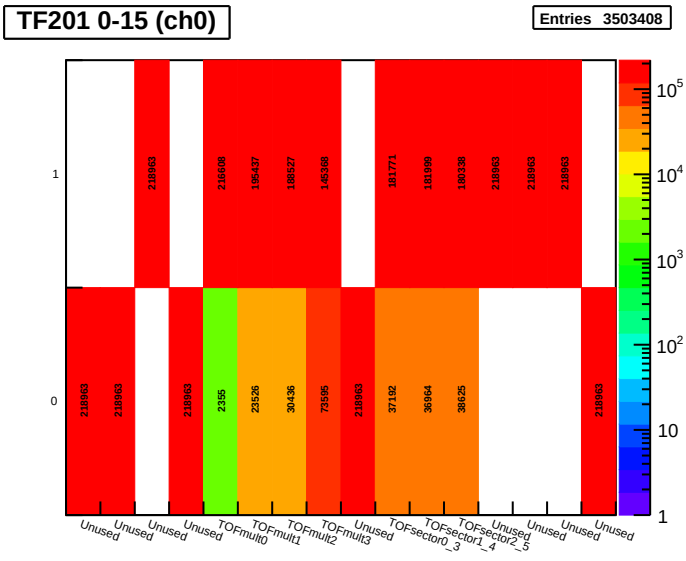

Entries 218963
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

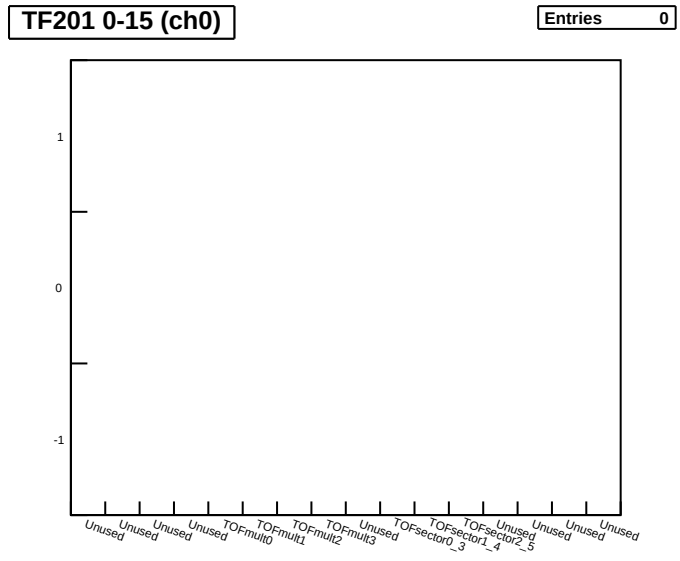

Entries 218963
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

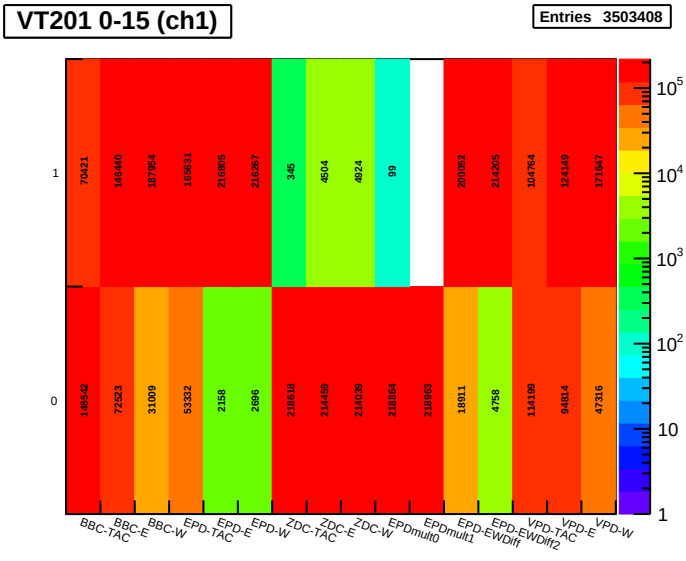

Entries 218963
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

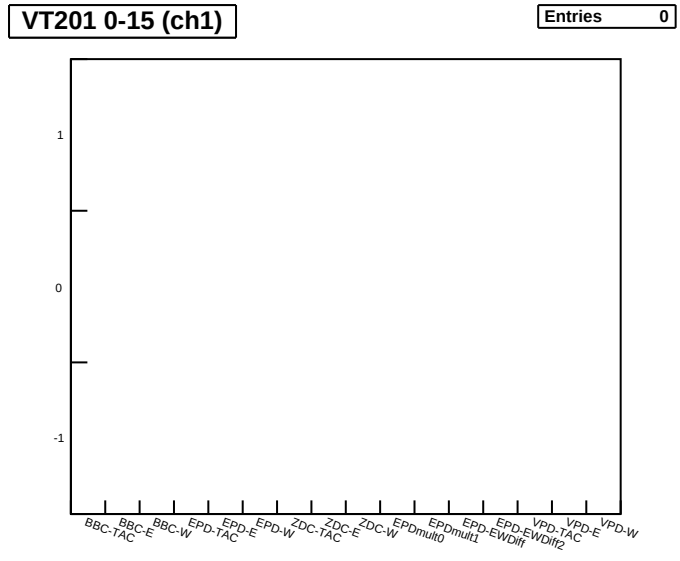

Laser Input Bits
Entries 218963
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

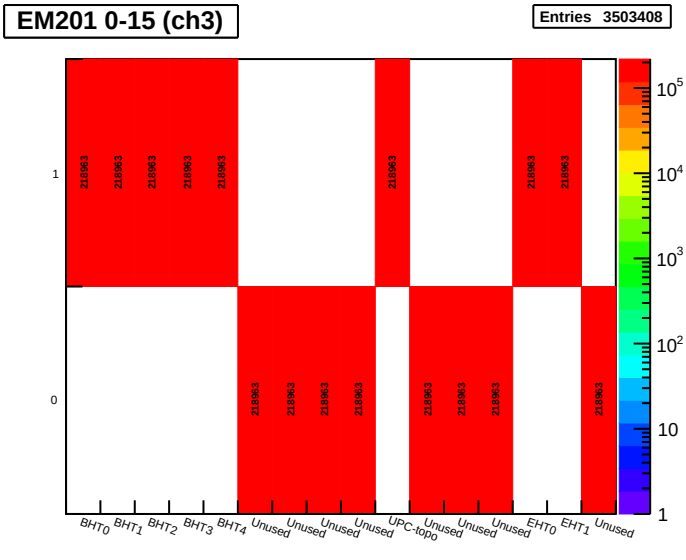

ST201 0-15 (ch6)
Entries 3503408
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218959
4
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

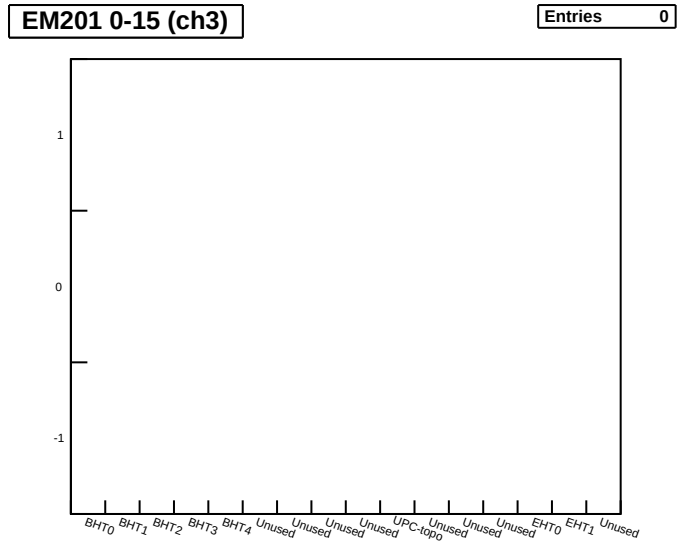

TF201 0-15 (ch0)
Entries 3503408
1
0
218963
216608
195437
186527
145368
181771
181999
180338
218963
218963
218963
218963
218963
218963
2355
23526
30436
73595
218963
37192
36964
38625
218963
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 3503408
1
0
70421
146440
187954
165631
216805
216287
345
4504
4924
99
200052
214205
104764
124149
171647
148542
72523
31009
53332
2158
2696
218618
214459
214039
218864
218963
18911
4758
114199
94814
47316
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 3503408
1
0
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
218963
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