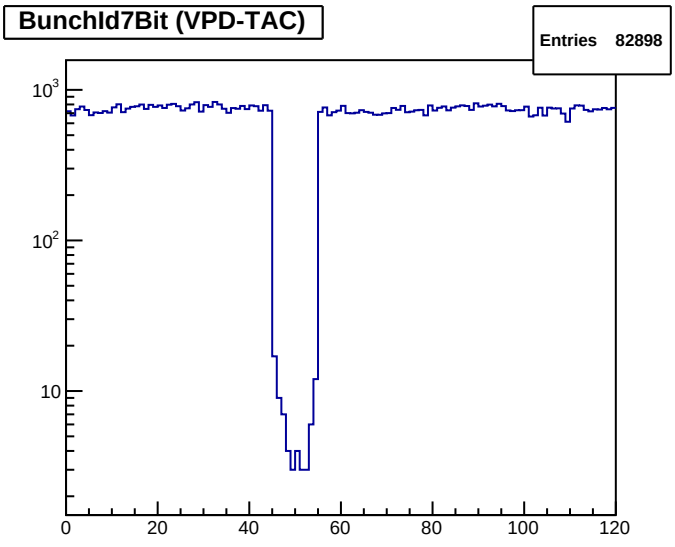
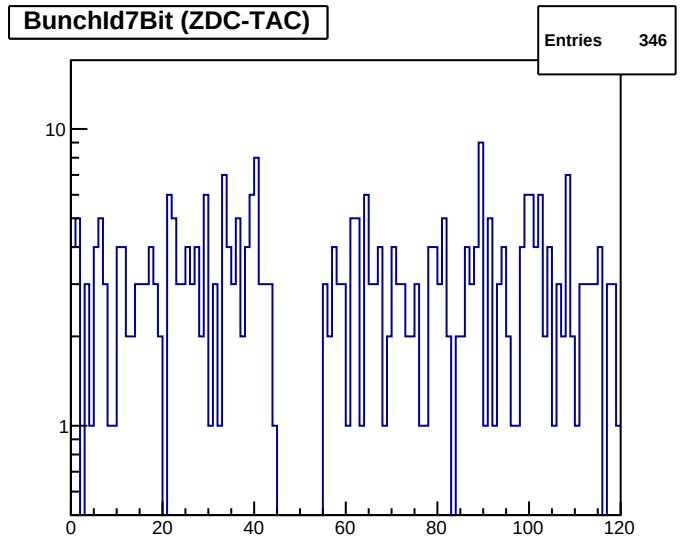
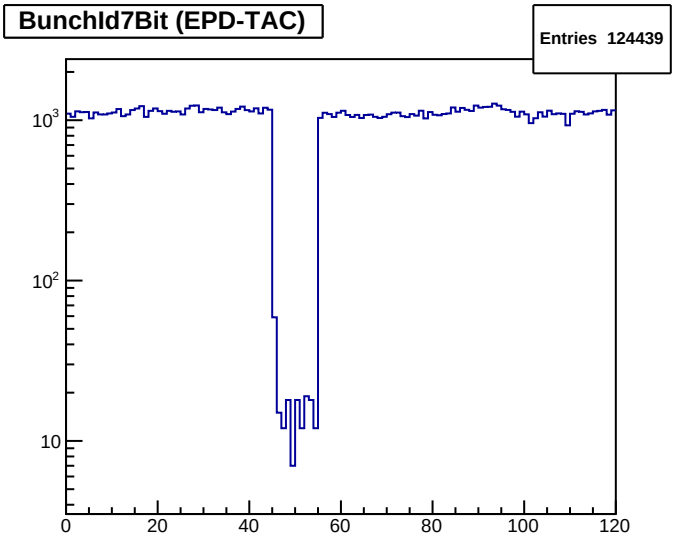
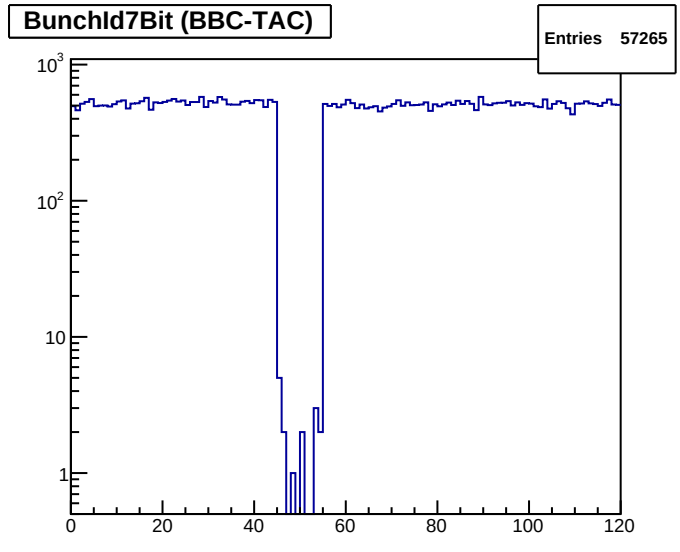
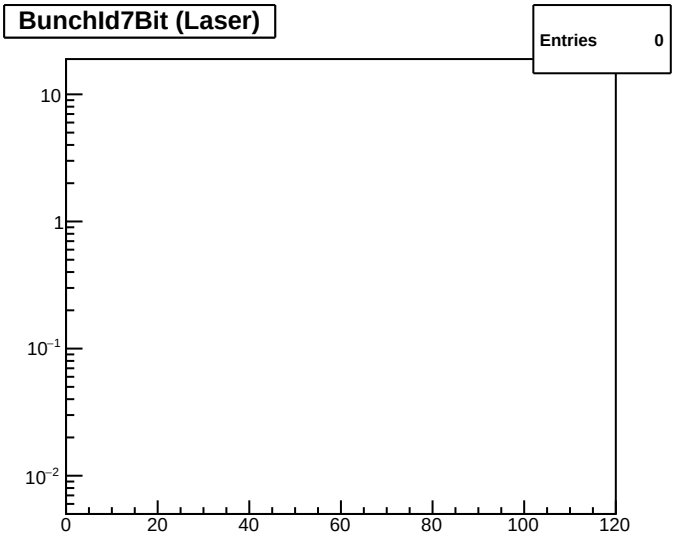
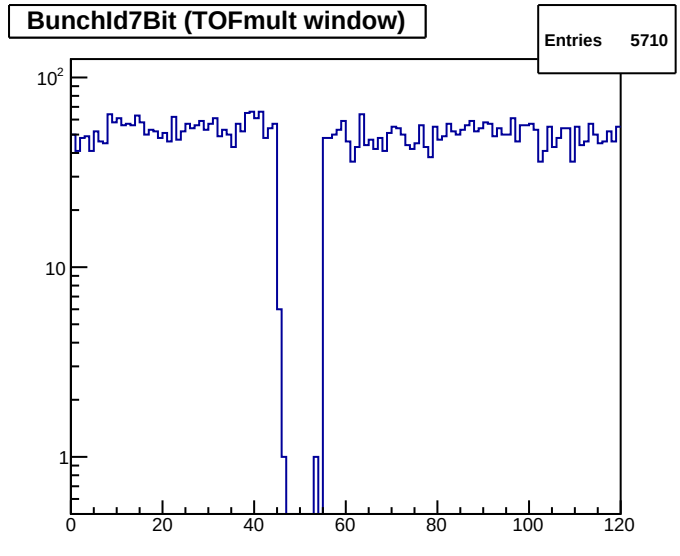

BunchId7Bit (VPD-TAC)
Entries 82898

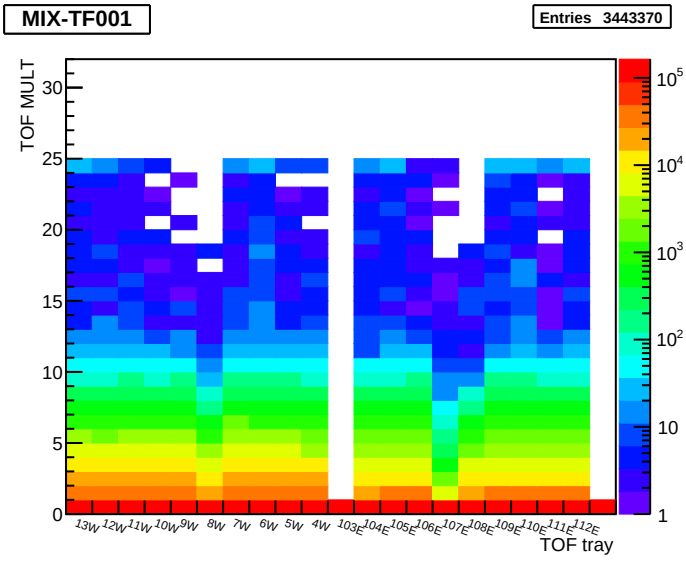

BunchId7Bit (ZDC-TAC)
Entries 346

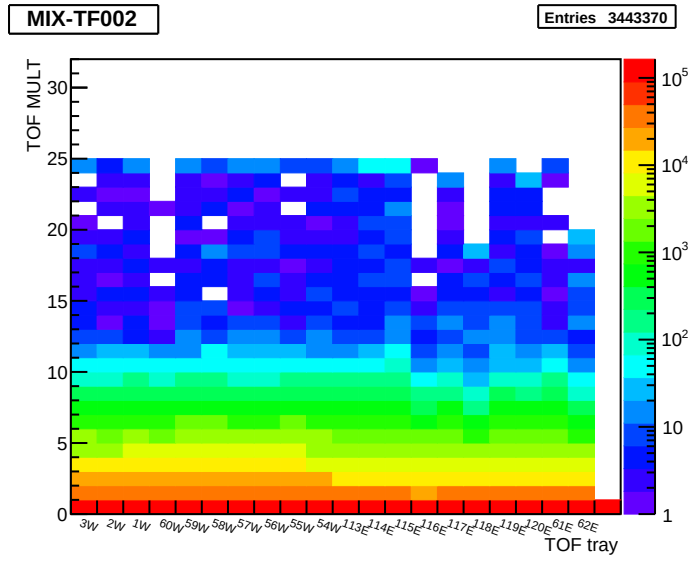

BunchId7Bit (EPD-TAC)
Entries 124439

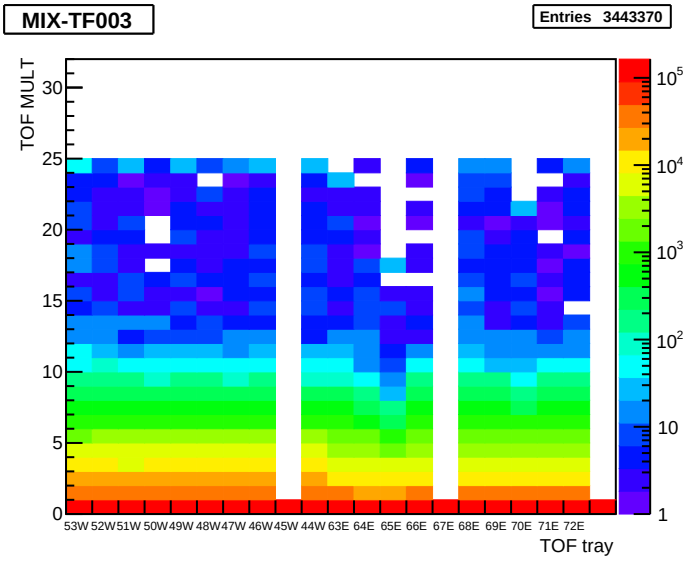

BunchId7Bit (BBC-TAC)
Entries 57265

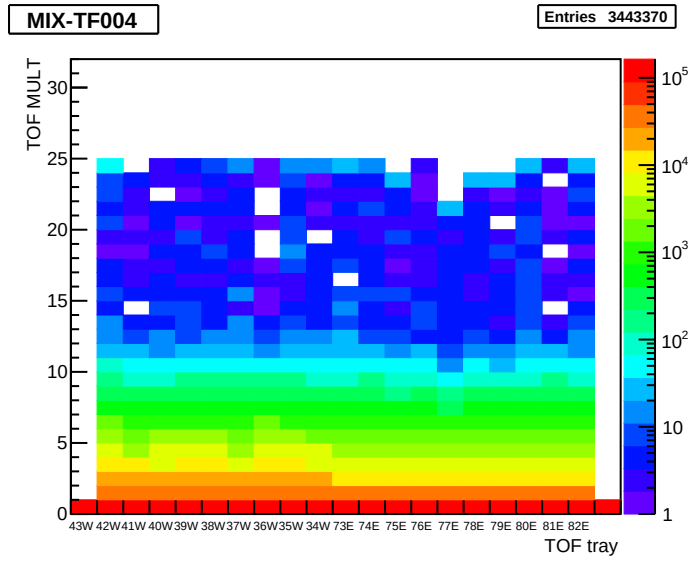

BunchId7Bit (Laser)
Entries 0

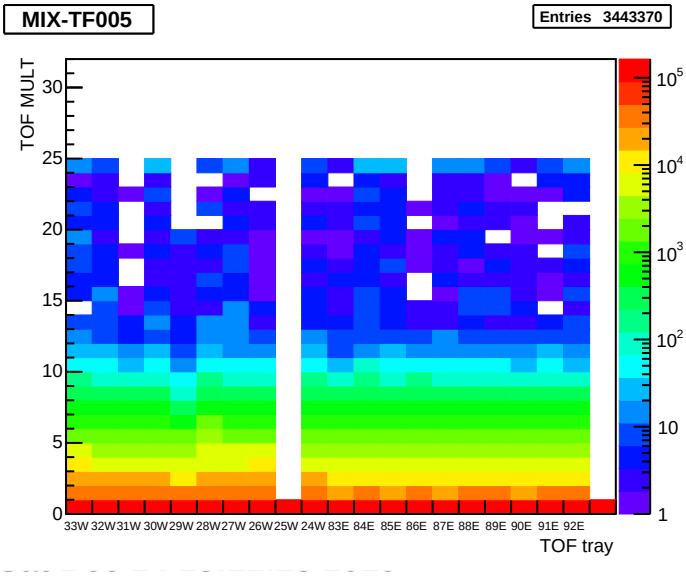

BunchId7Bit (TOFmult window)
Entries 5710

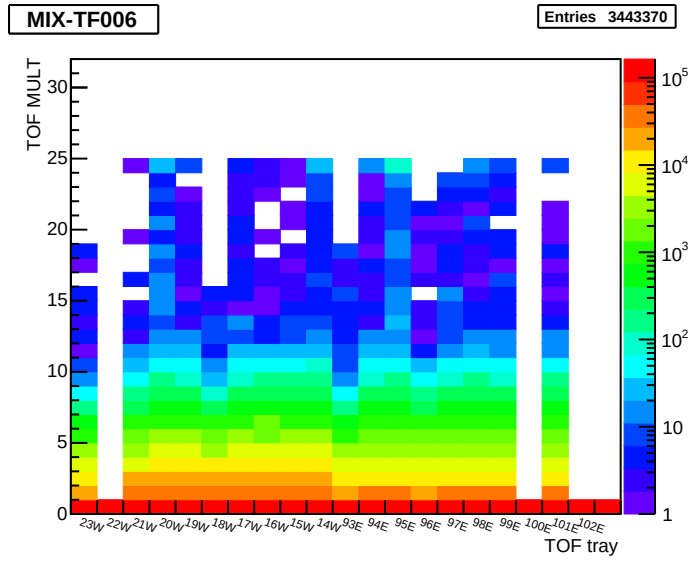

MIX-TF001
Entries 3443370
TOF MULT
TOF tray

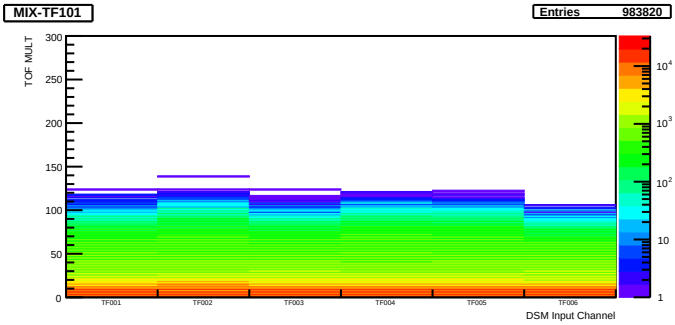

MIX-TF002
Entries 3443370
TOF MULT
TOF tray

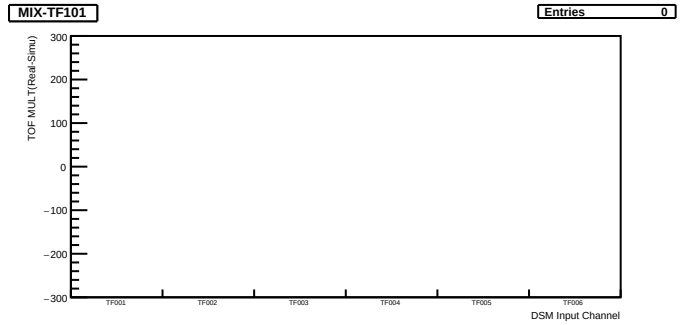

MIX-TF003
Entries 3443370
TOF MULT
TOF tray

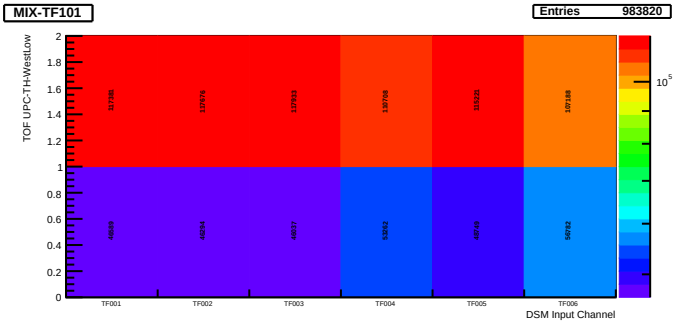

MIX-TF004
Entries 3443370
TOF MULT
TOF tray

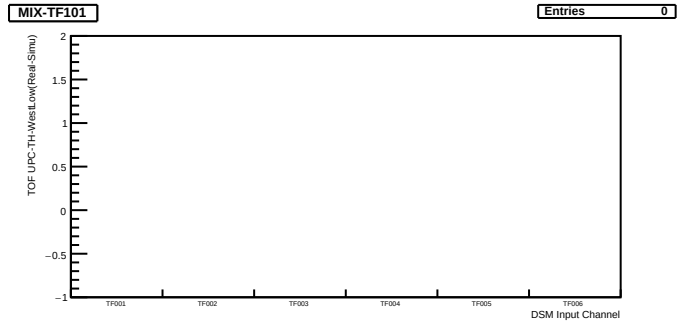

MIX-TF005
Entries 3443370
TOF MULT
TOF tray

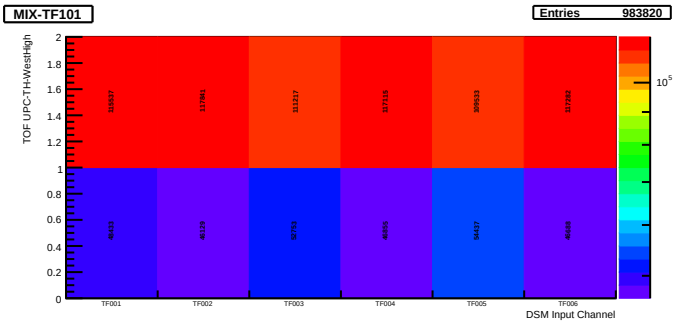

MIX-TF006
Entries 3443370
TOF MULT
TOF tray

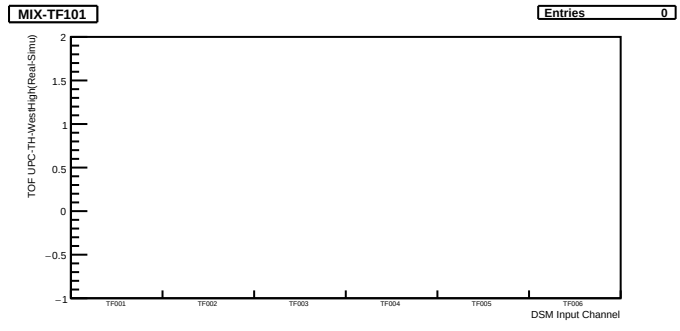

MIX-TF101
Entries 983820
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

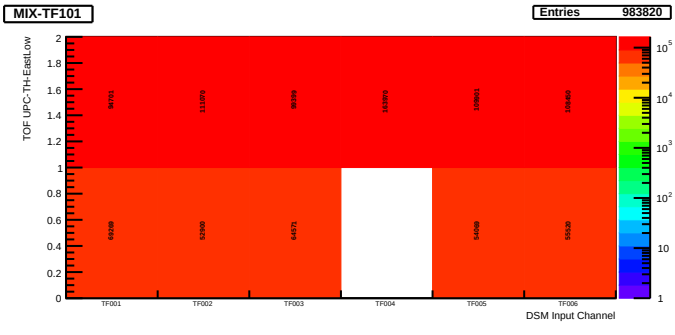

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

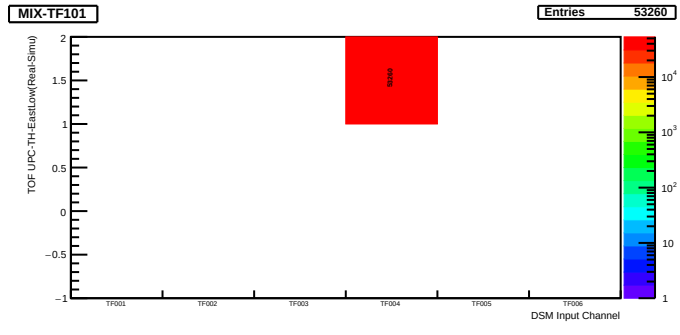

MIX-TF101
Entries 983820
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

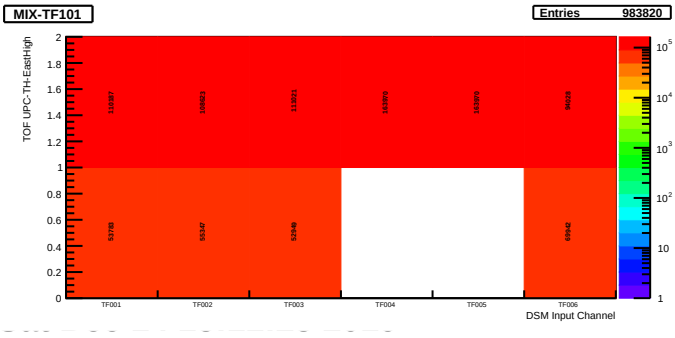

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

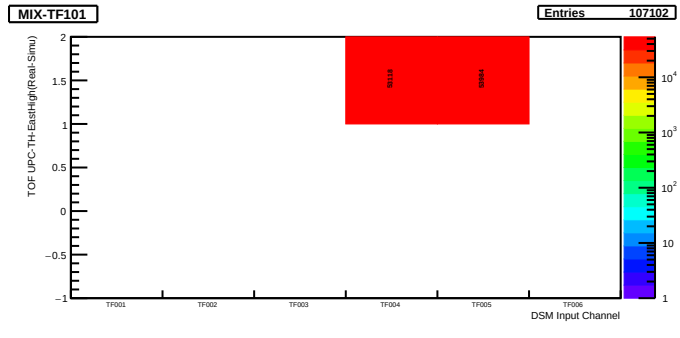

MIX-TF101
Entries 983820
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

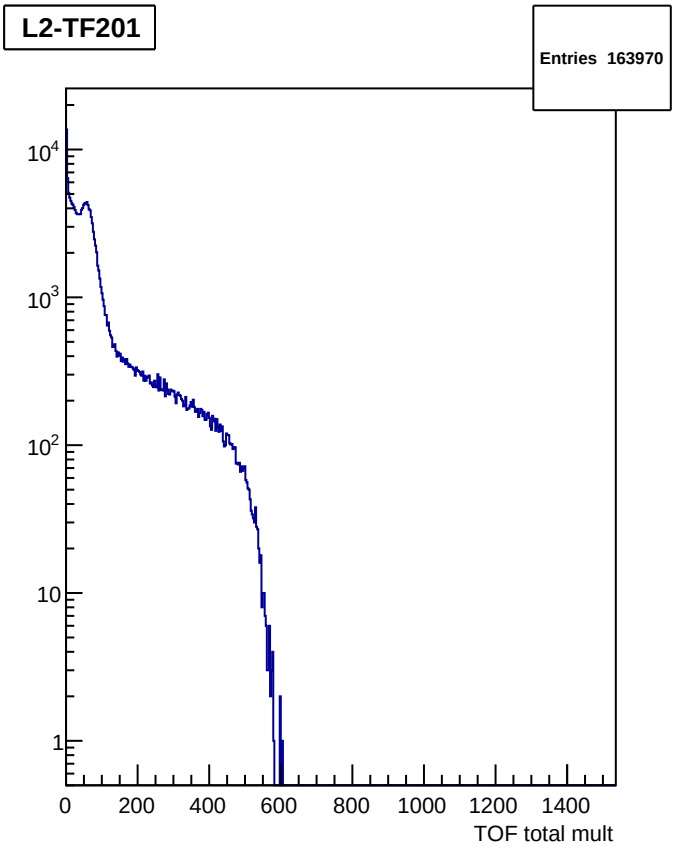

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

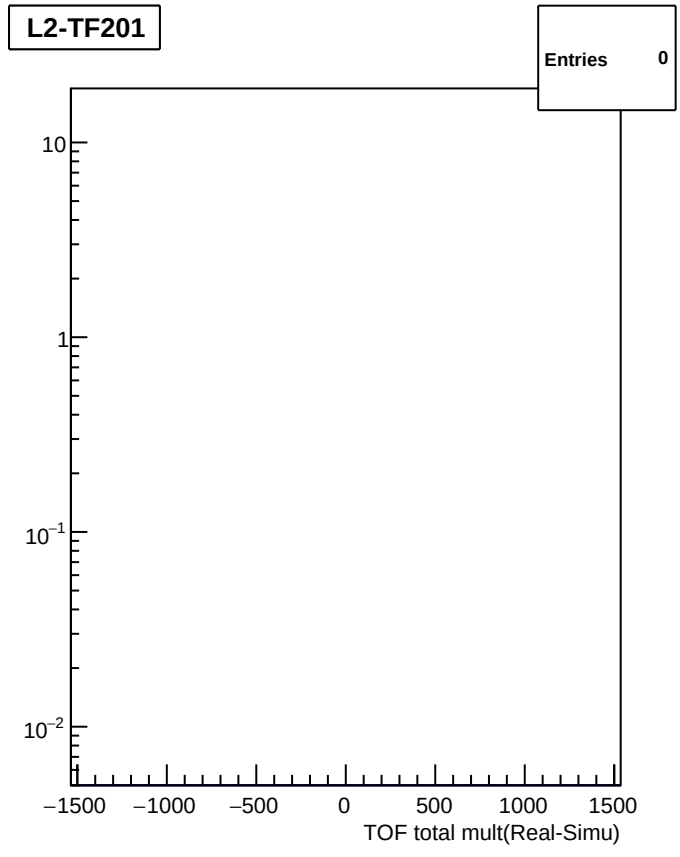

MIX-TF101
Entries 983820
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

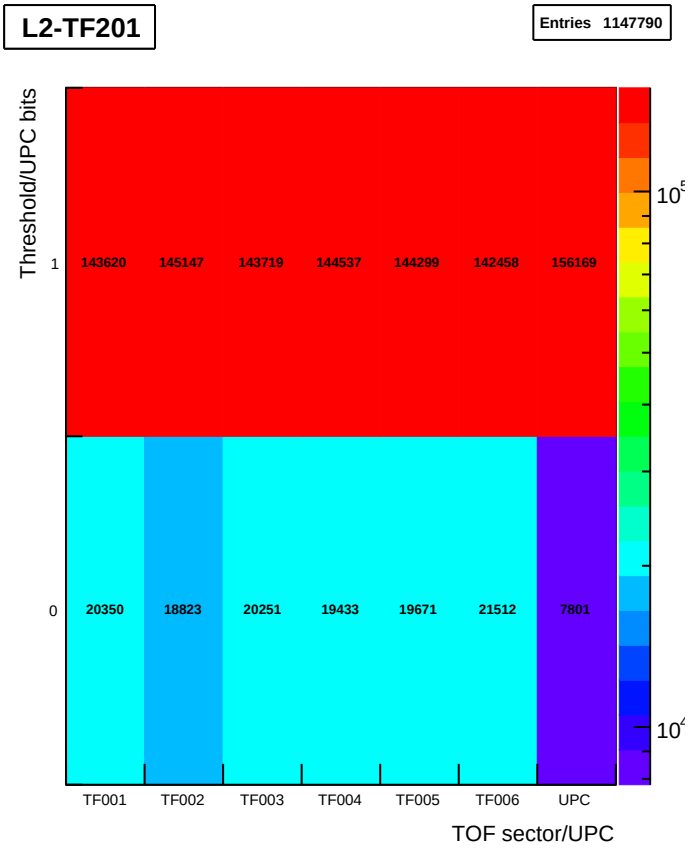

MIX-TF101
Entries 53260
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

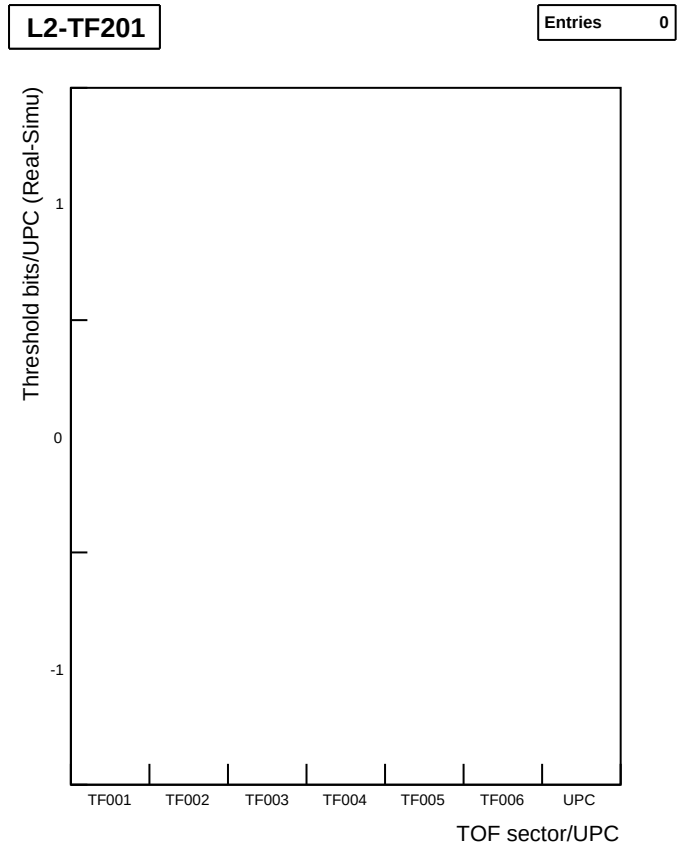

MIX-TF101
Entries 983820
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

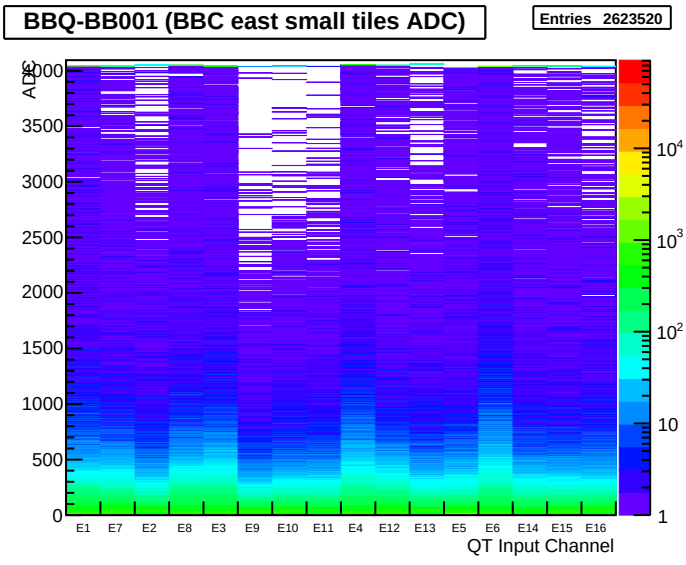

MIX-TF101
Entries 107102
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

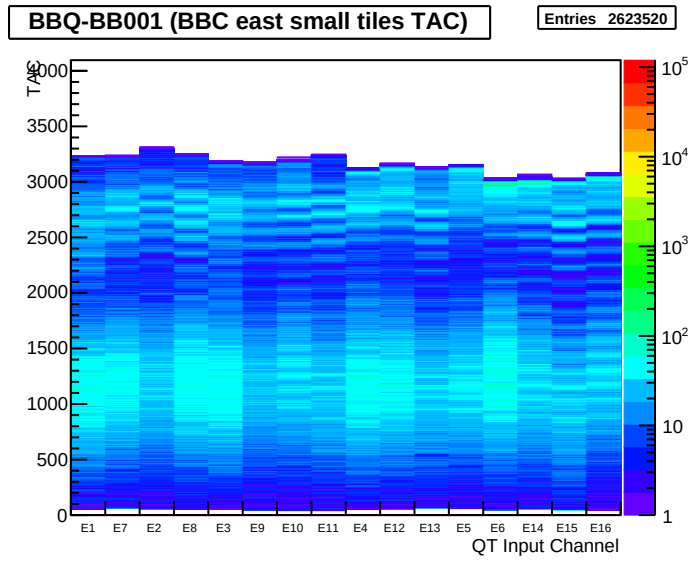

L2-TF201
Entries 163970
TOF total mult

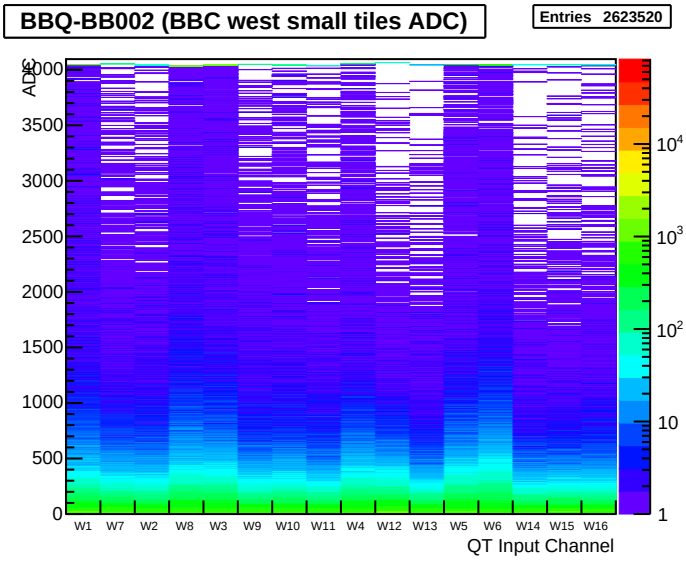

L2-TF201
Entries 0
TOF total mult(Real-Simu)

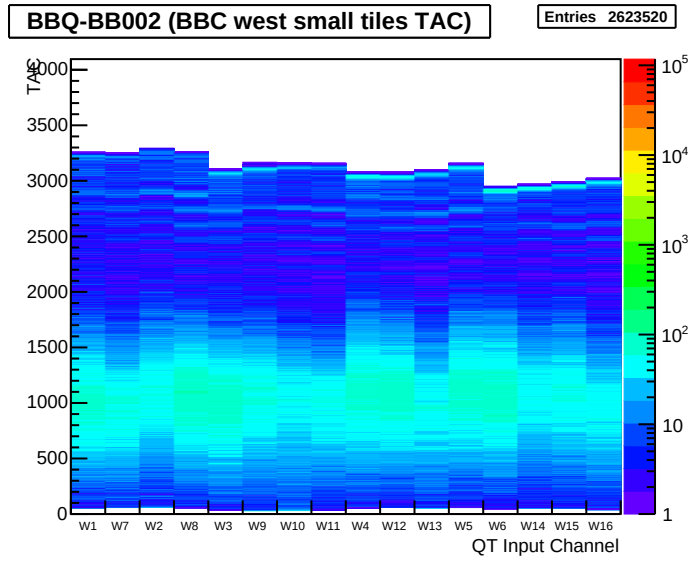

L2-TF201
Entries 1147790
Threshold/UPC bits
143620
145147
143719
144537
144299
142458
156169
20350
18823
20251
19433
19671
21512
7801
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

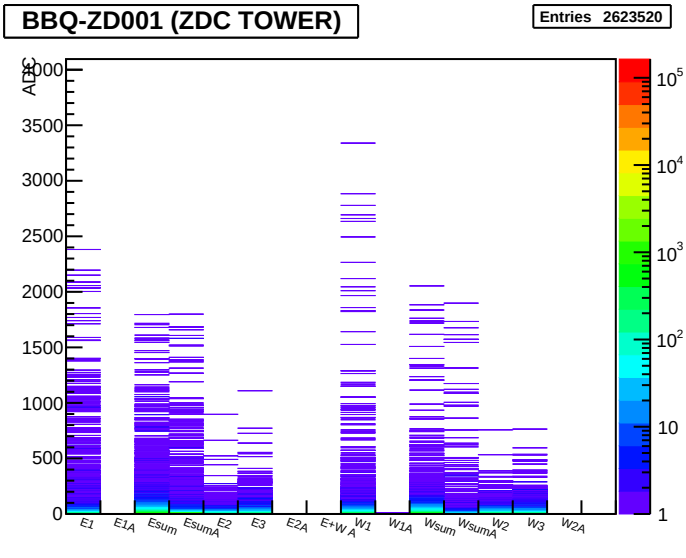

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

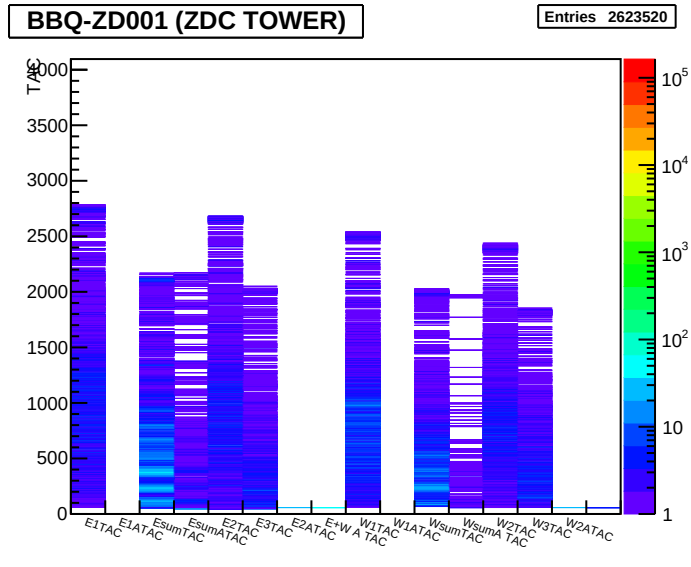

BBQ-BB001 (BBC east small tiles ADC)
Entries 2623520
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

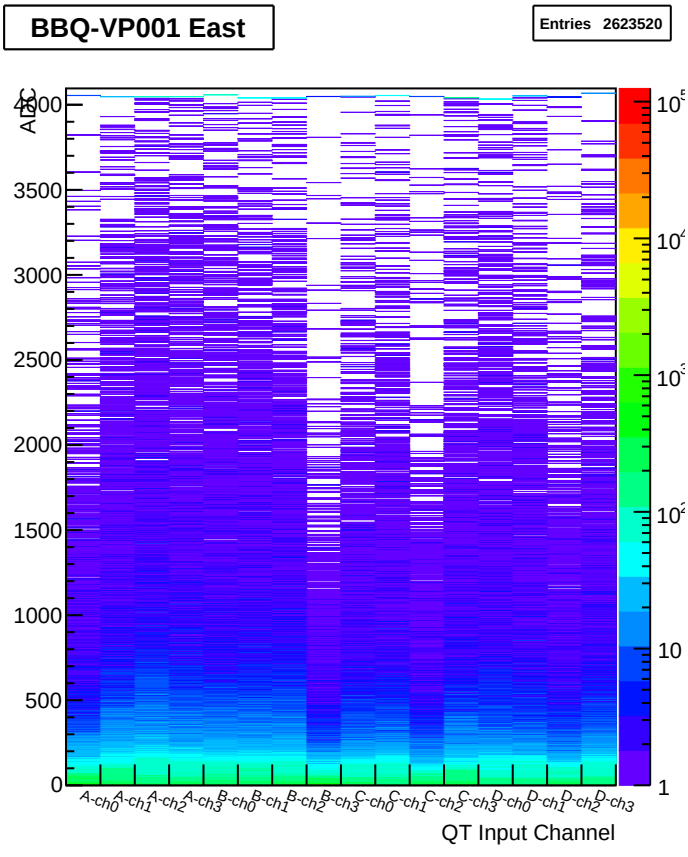

BBQ-BB001 (BBC east small tiles TAC)
Entries 2623520
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

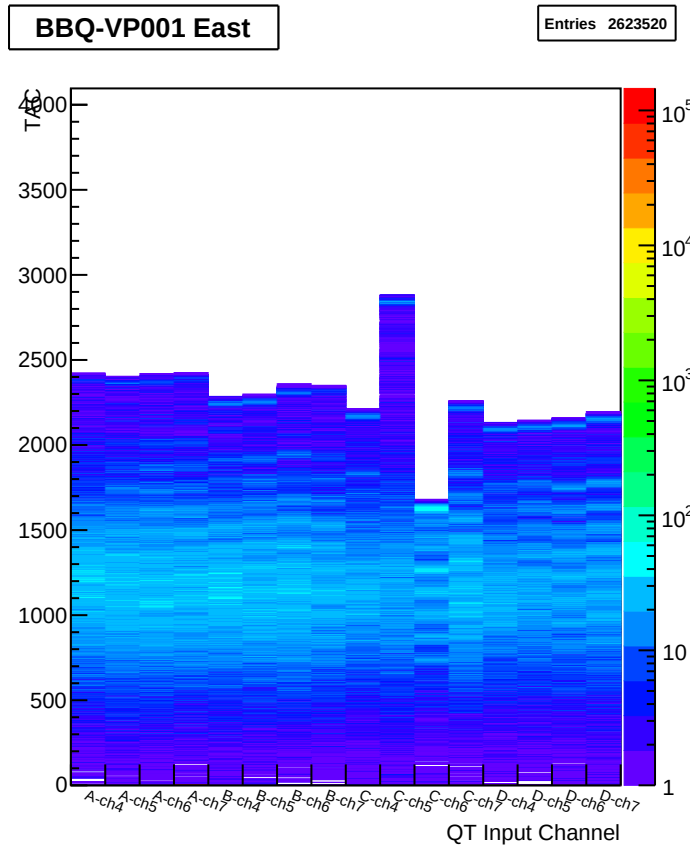

BBQ-BB002 (BBC west small tiles ADC)
Entries 2623520
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

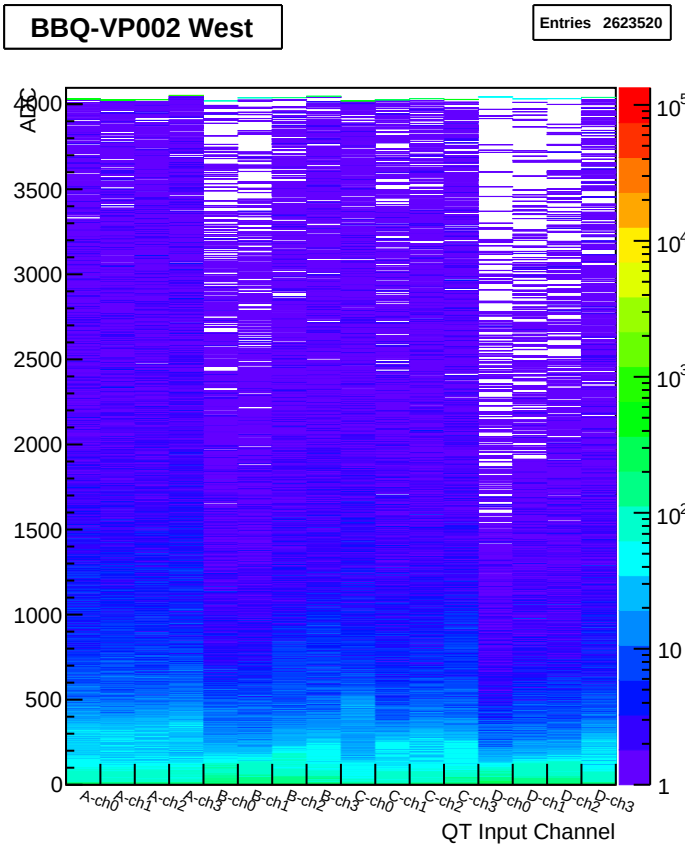

BBQ-BB002 (BBC west small tiles TAC)
Entries 2623520
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

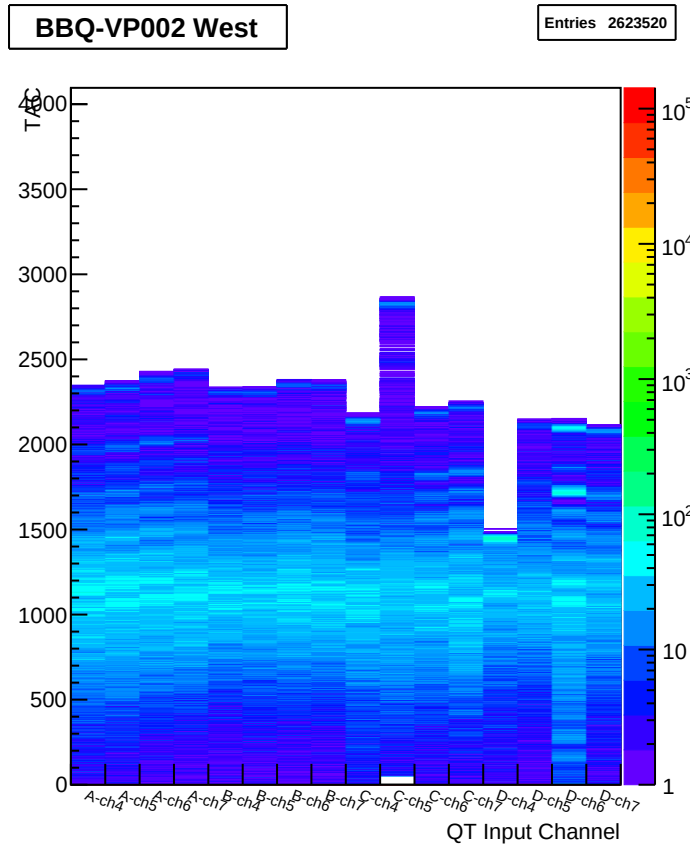

BBQ-ZD001 (ZDC TOWER)
Entries 2623520
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

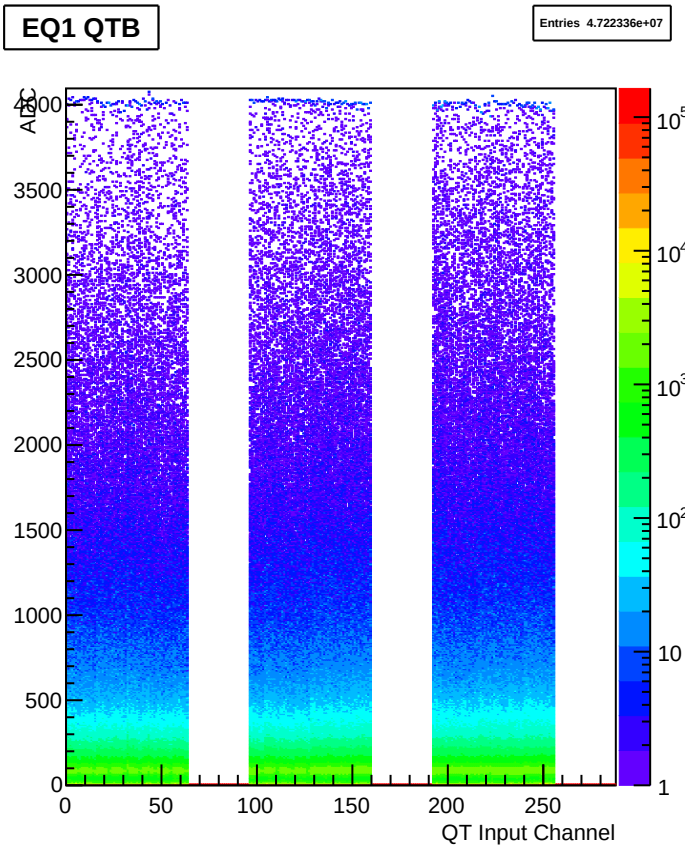

BBQ-ZD001 (ZDC TOWER)
Entries 2623520
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

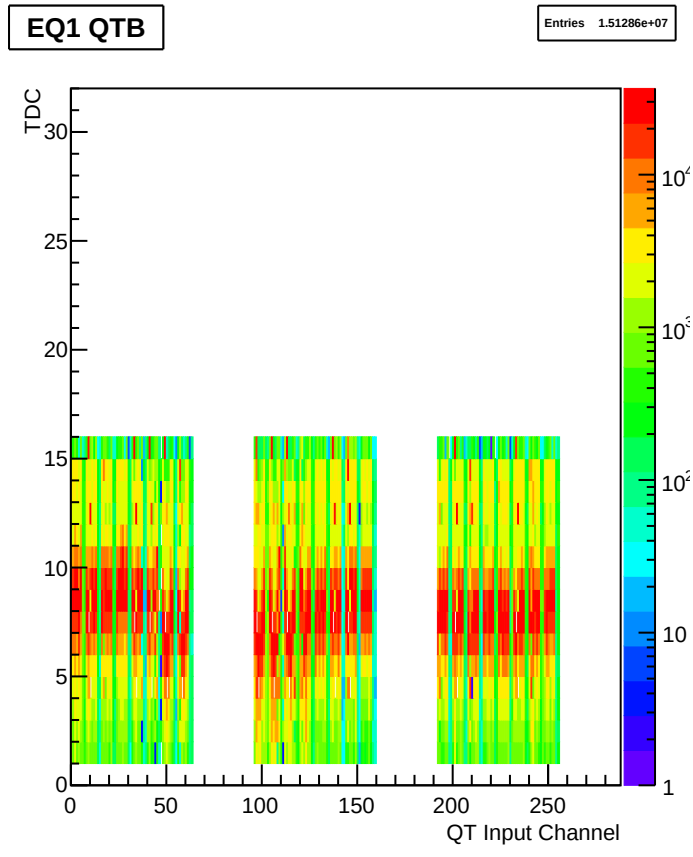

BBQ-VP001 East
Entries 2623520
ADC
QT Input Channel

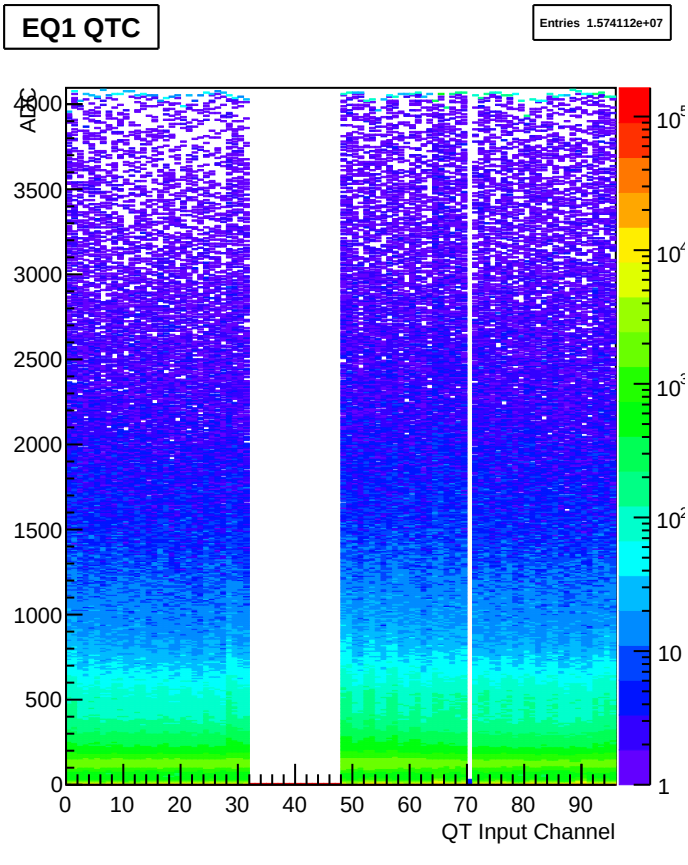

BBQ-VP001 East
Entries 2623520
TADC
QT Input Channel

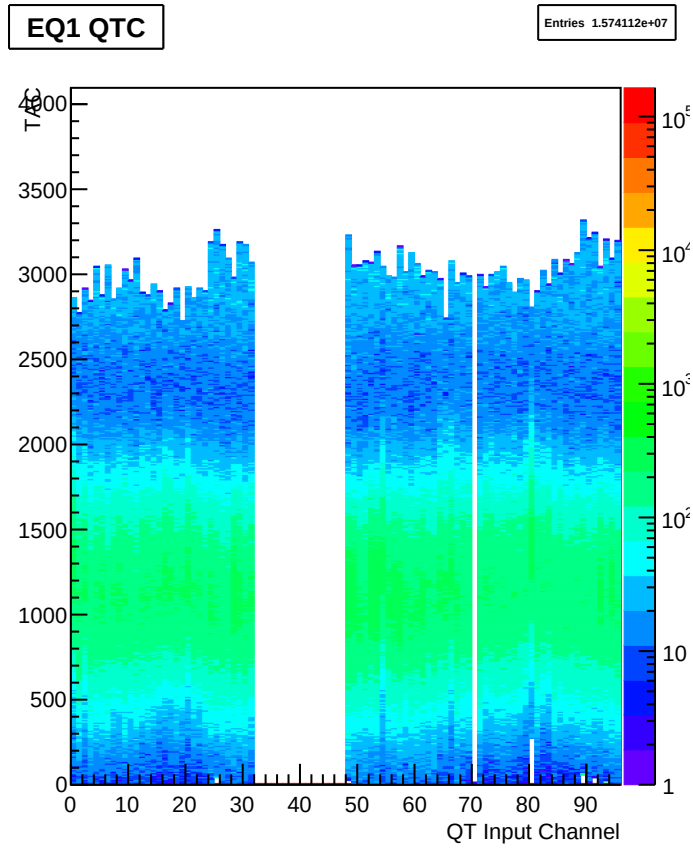

BBQ-VP002 West
Entries 2623520
ADC
QT Input Channel

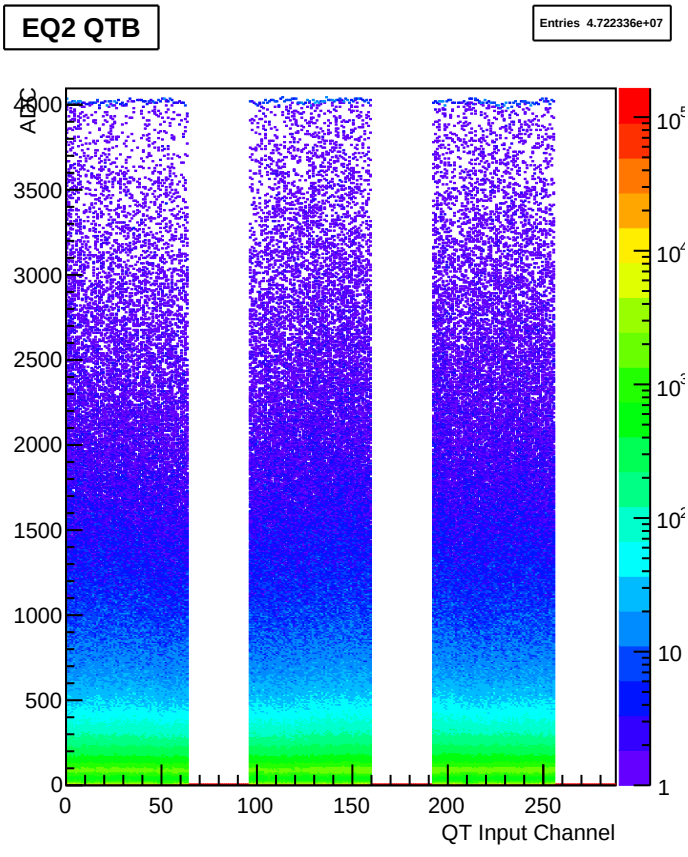

BBQ-VP002 West
Entries 2623520
TADC
QT Input Channel

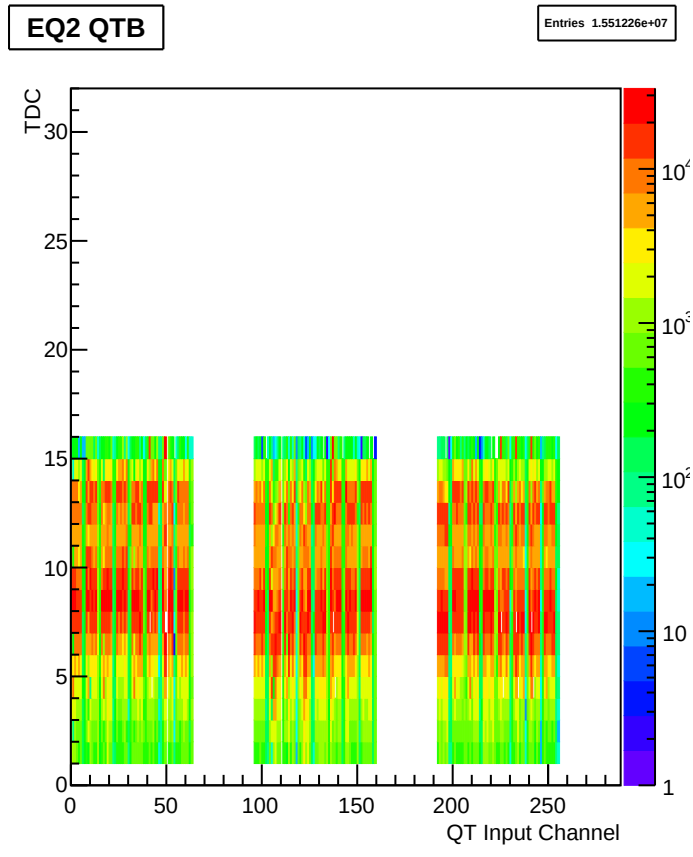

EQ1 QTB
Entries 4.722336e+07
ADC
QT Input Channel

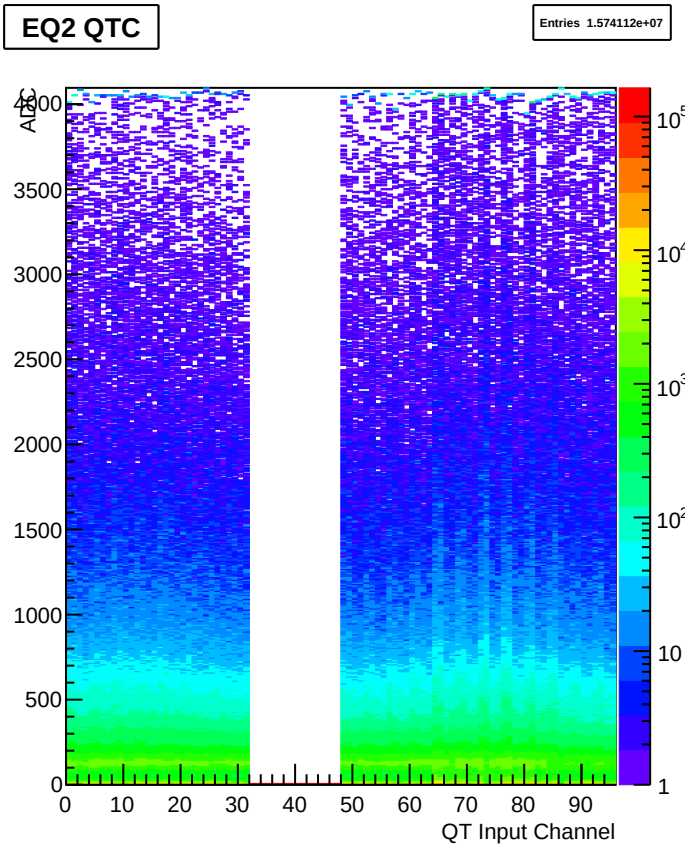

EQ1 QTB
Entries 1.51286e+07
TDC
QT Input Channel

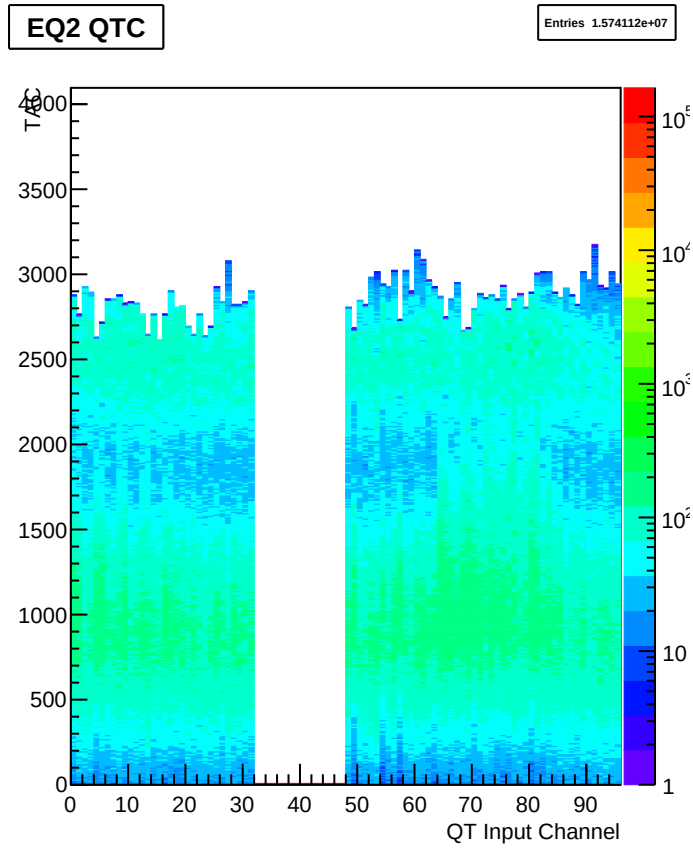

EQ1 QTC
Entries 1.574112e+07
ADC
QT Input Channel

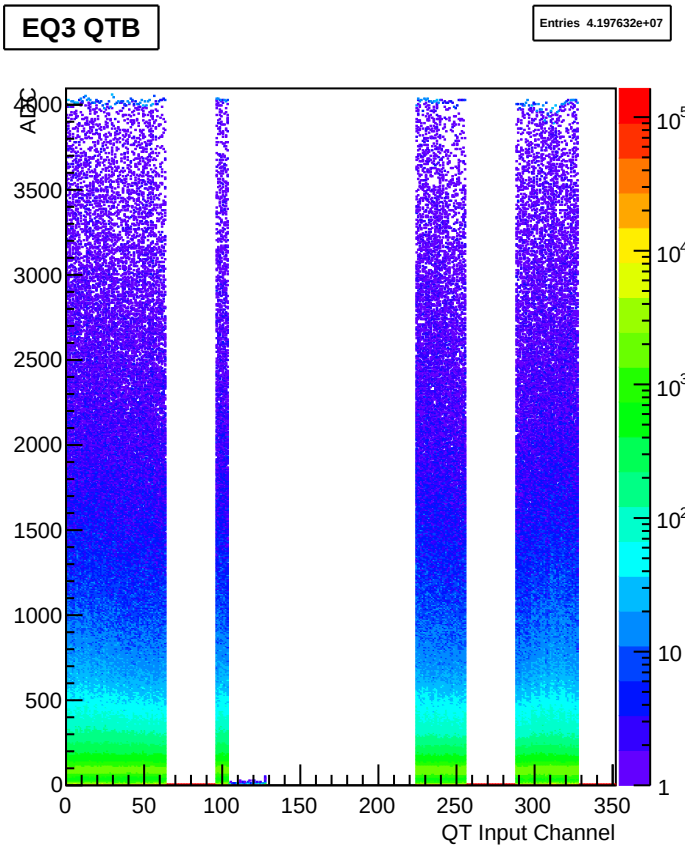

EQ1 QTC
Entries 1.574112e+07
TADC
QT Input Channel

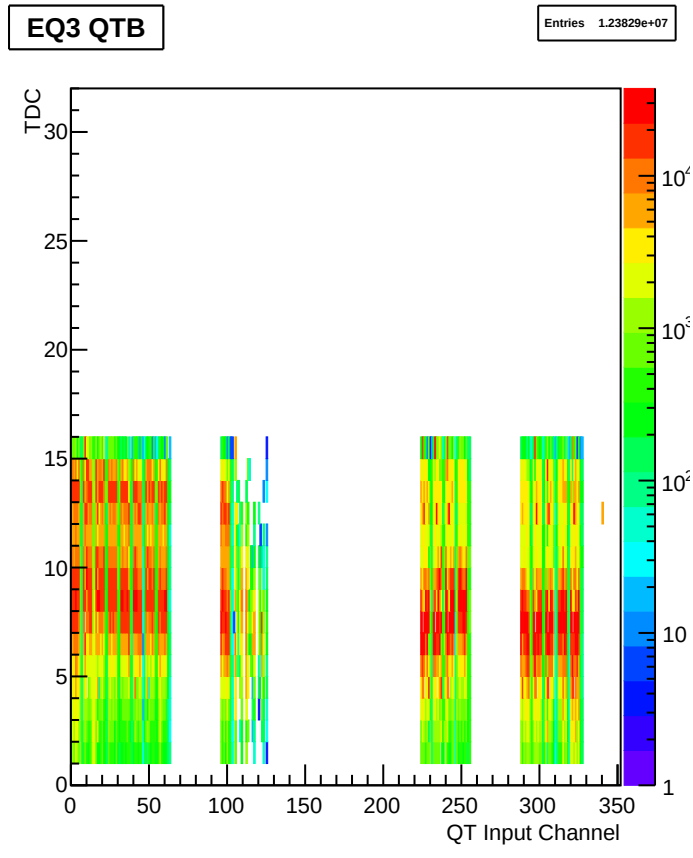

EQ2 QTB
Entries 4.722336e+07
ADC
QT Input Channel

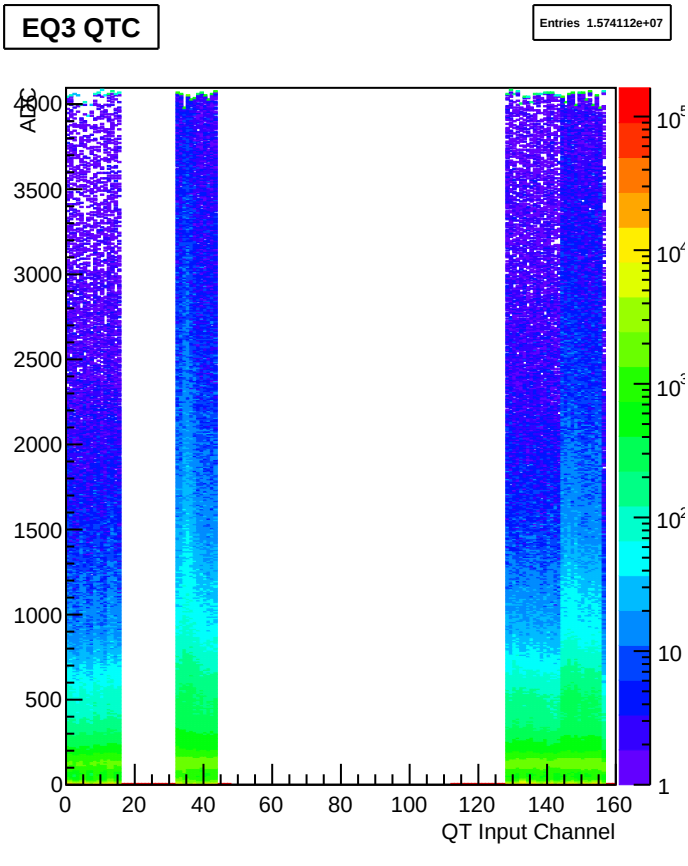

EQ2 QTB
Entries 1.551226e+07
TDC
QT Input Channel

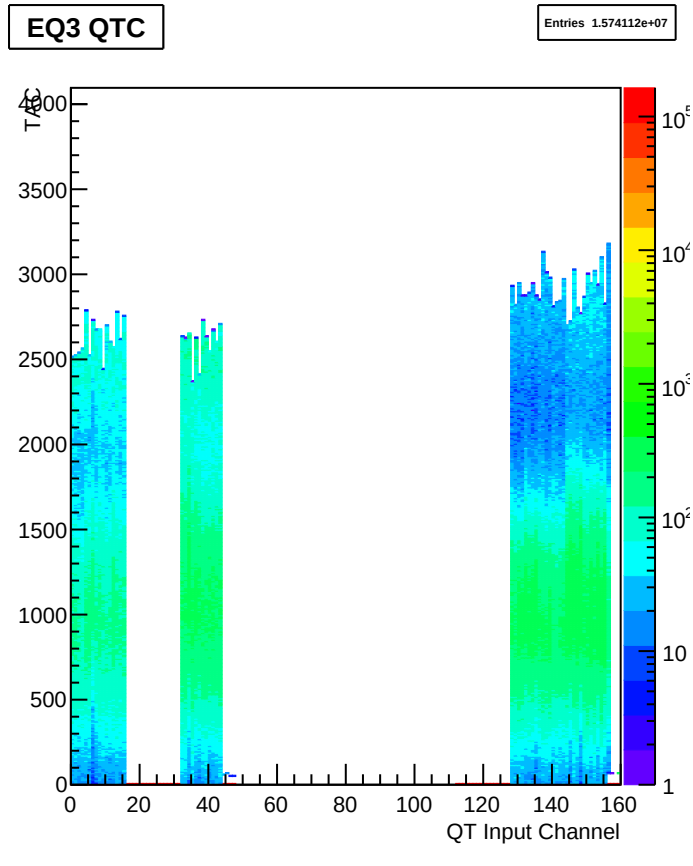

EQ2 QTC
Entries 1.574112e+07
ADC
QT Input Channel

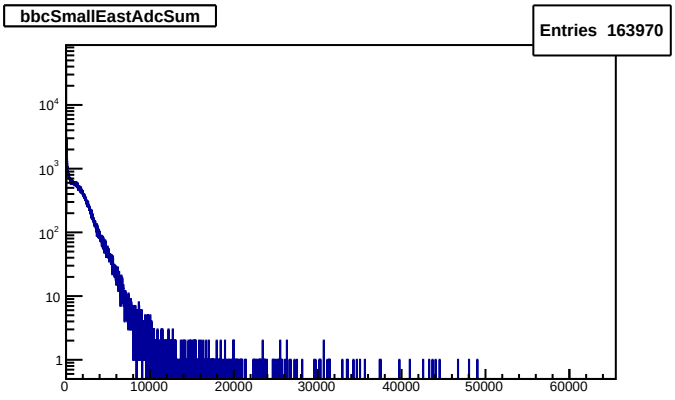

EQ2 QTC
Entries 1.574112e+07
TADC
QT Input Channel

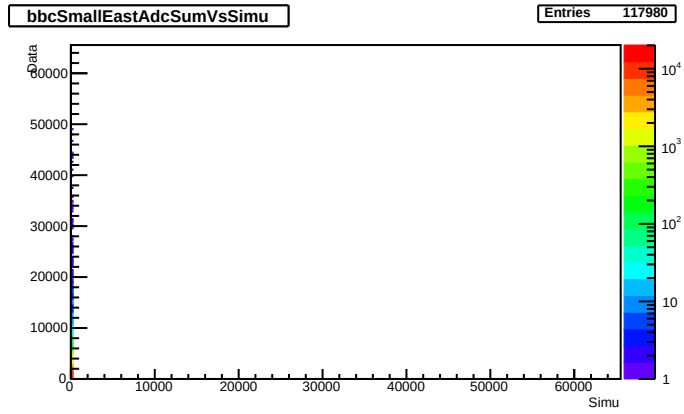

EQ3 QTB
Entries 4.197632e+07
ADC
QT Input Channel

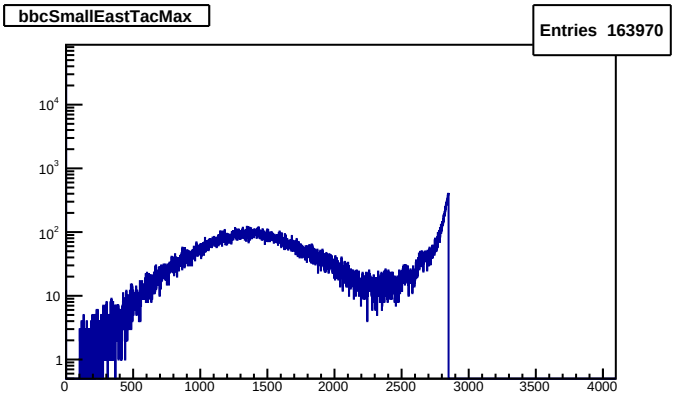

EQ3 QTB
Entries 1.23829e+07
TDC
QT Input Channel

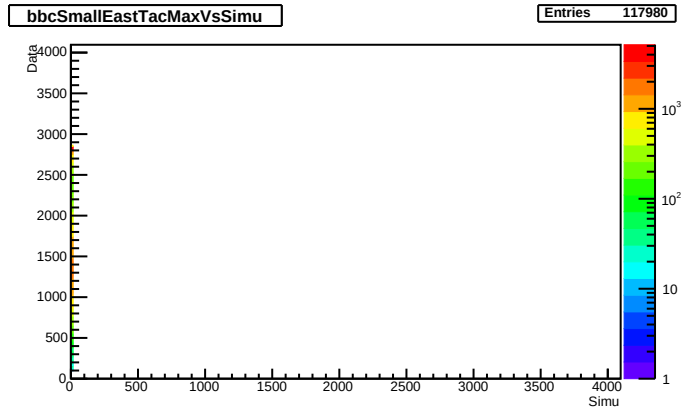

EQ3 QTC
Entries 1.574112e+07
ADC
QT Input Channel

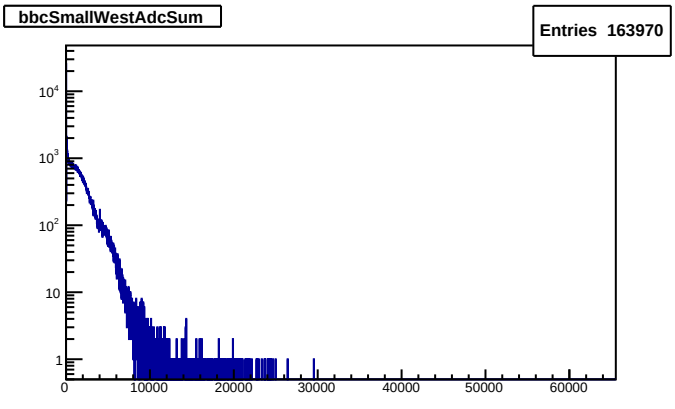

EQ3 QTC
Entries 1.574112e+07
TADC
QT Input Channel

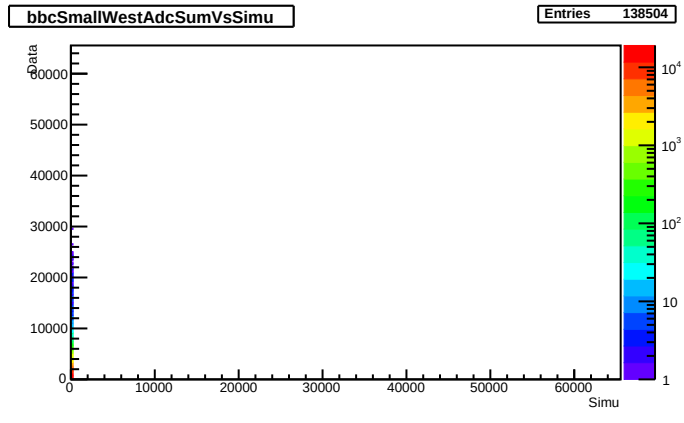

bbcSmallEastAdcSum
Entries 163970

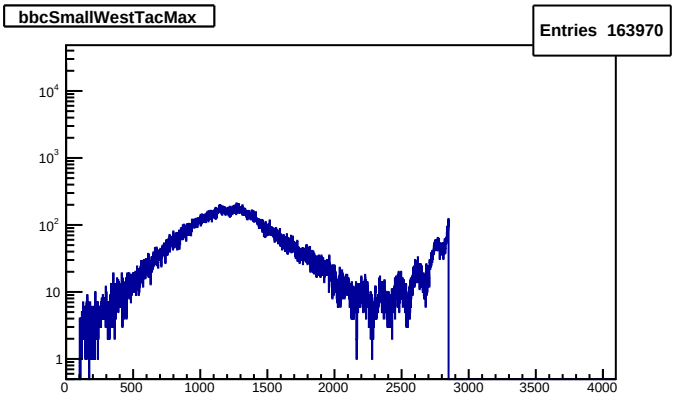

bbcSmallEastAdcSumVsSimu
Entries 117980
Data
Simu


bbcSmallEastTacMax
Entries 163970


bbcSmallEastTacMaxVsSimu
Entries 117980
Data
Simu


bbcSmallWestAdcSum
Entries 163970


bbcSmallWestAdcSumVsSimu
Entries 138504
Data
Simu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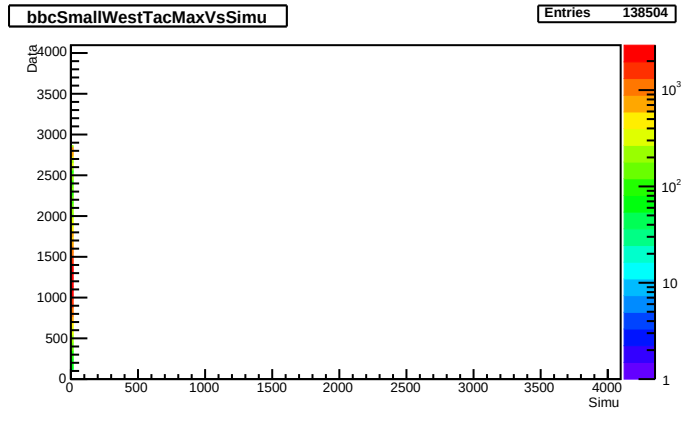
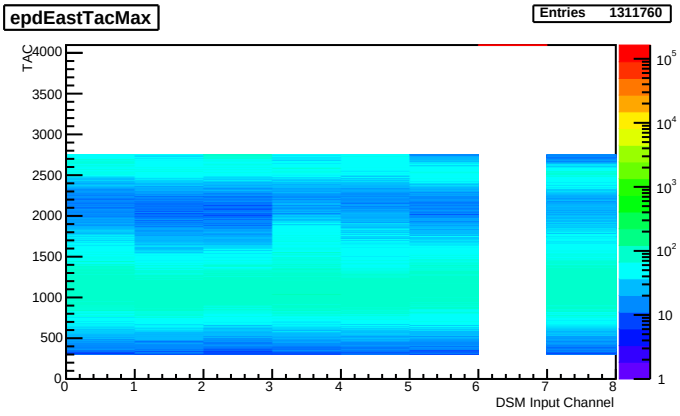
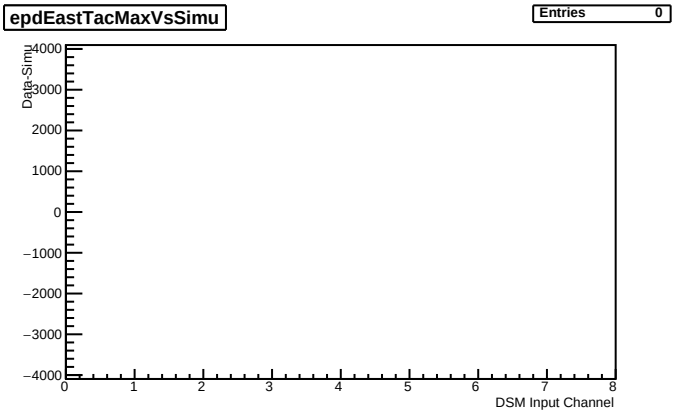
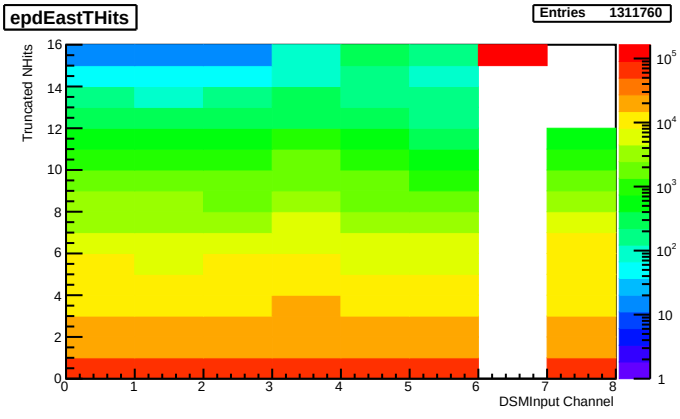
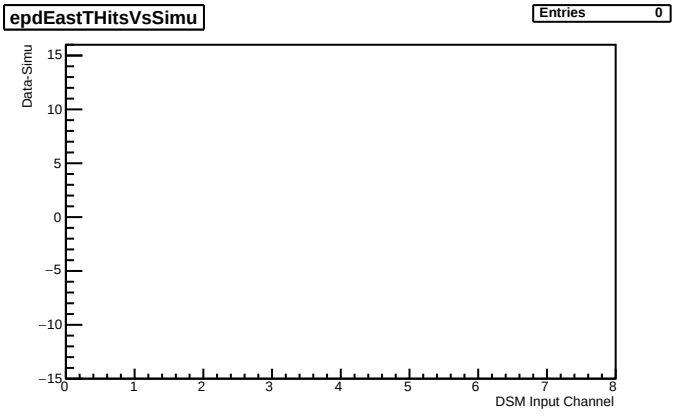
Entries 163970


bbcSmallWestTacMaxVsSimu
Entries 138504
Data
Simu


epdEastTacMax
Entries 1311760
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1311760
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
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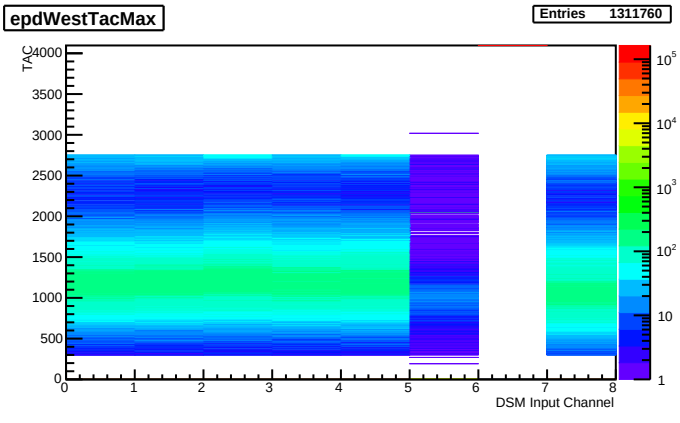
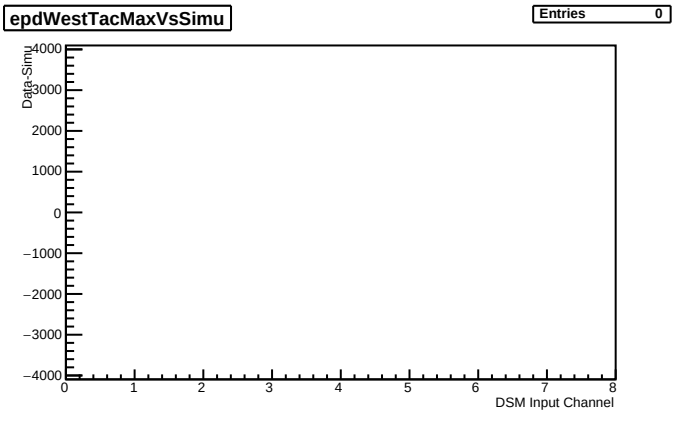
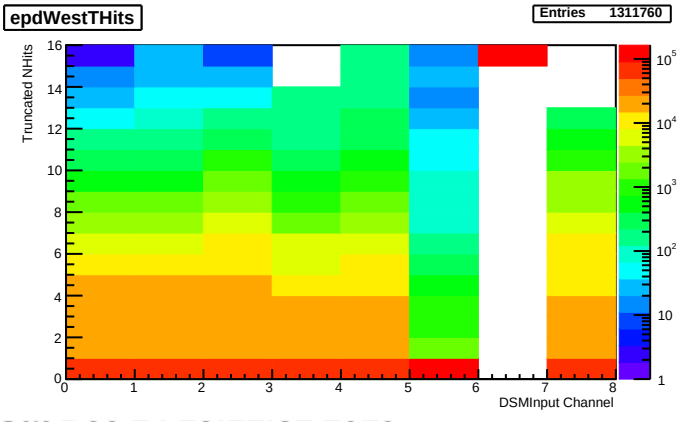
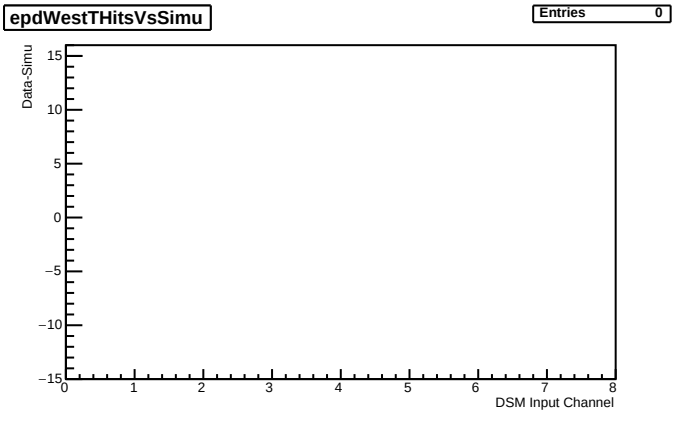
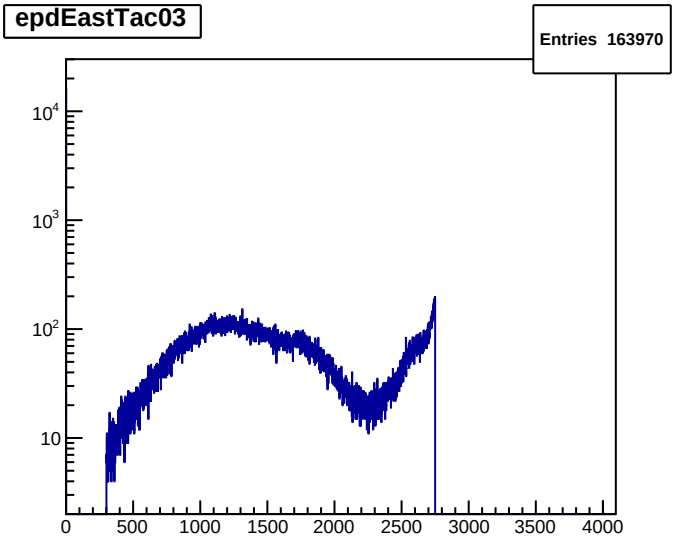
Data-Simu
DSM Input Channel

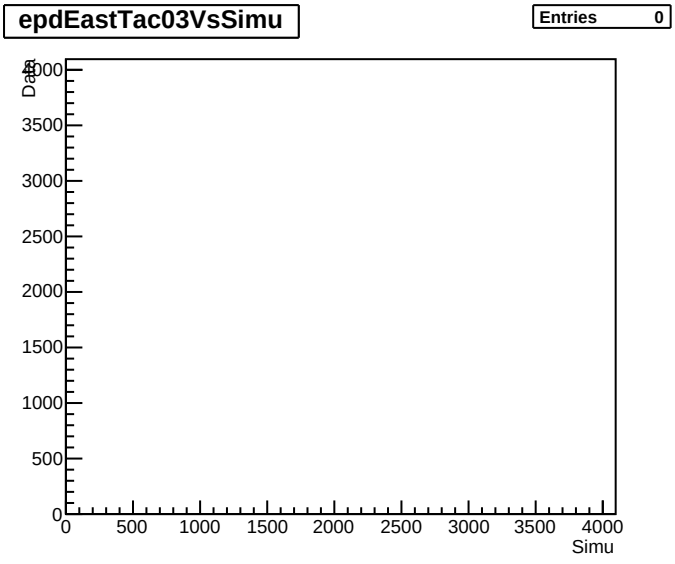

epdWestTacMax
Entries 1311760
TAC
DSM Input Channel

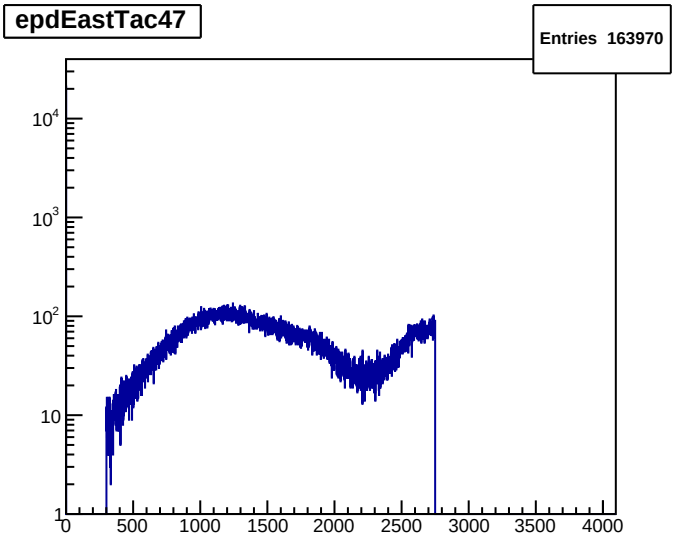

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

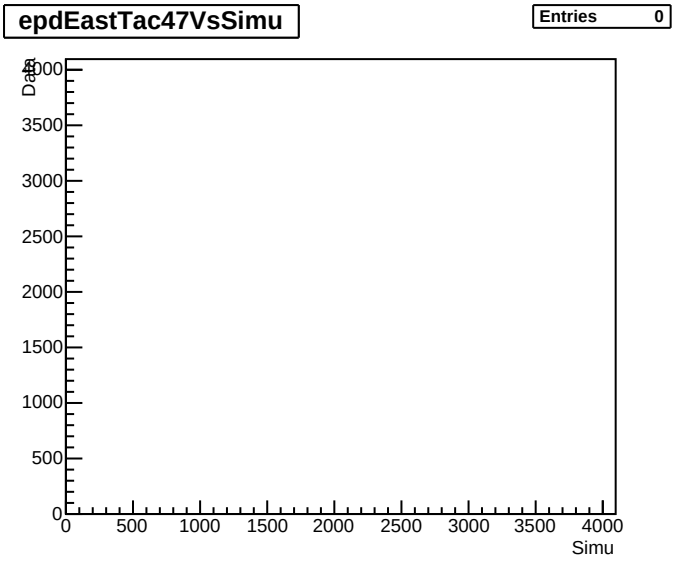

epdWestTHits
Entries 1311760
Truncated NHits
DSMInput Channel

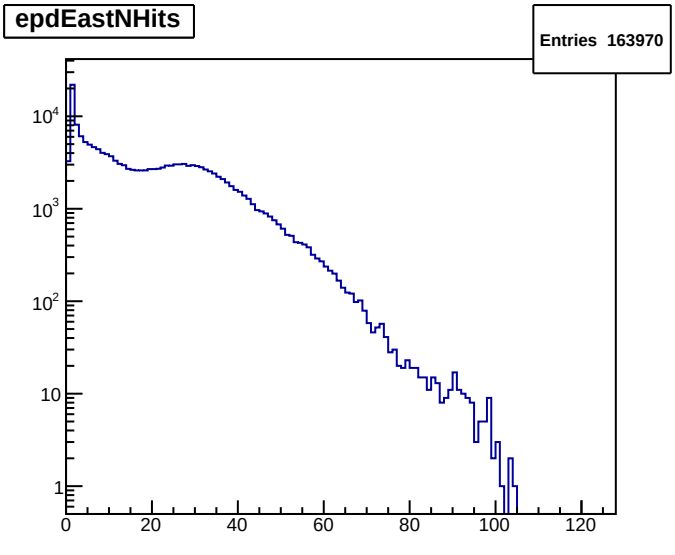

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

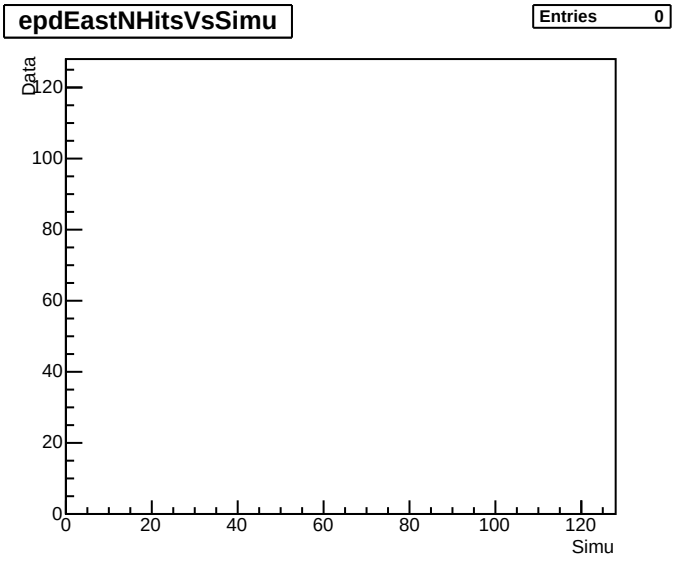

epdEastTac03
Entries 163970
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

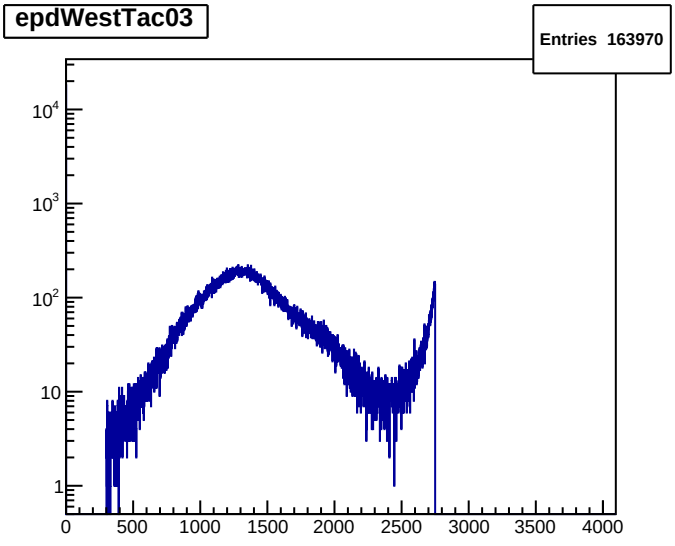

epdEastTac03VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

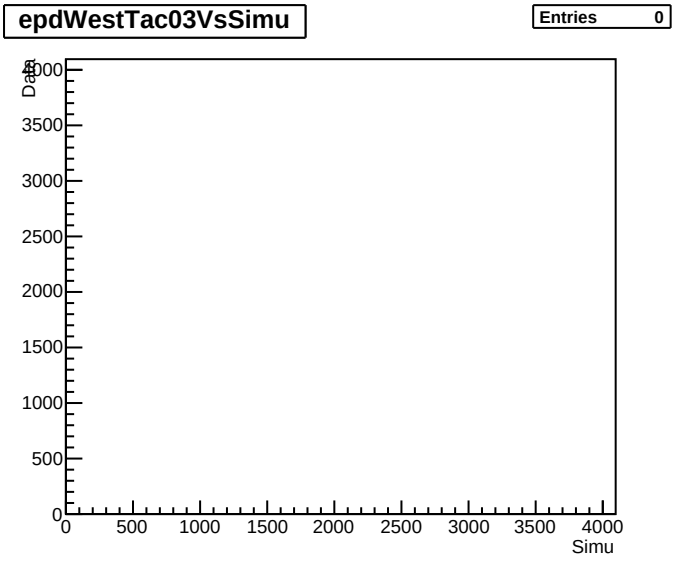

epdEastTac47
Entries 163970
10^4
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

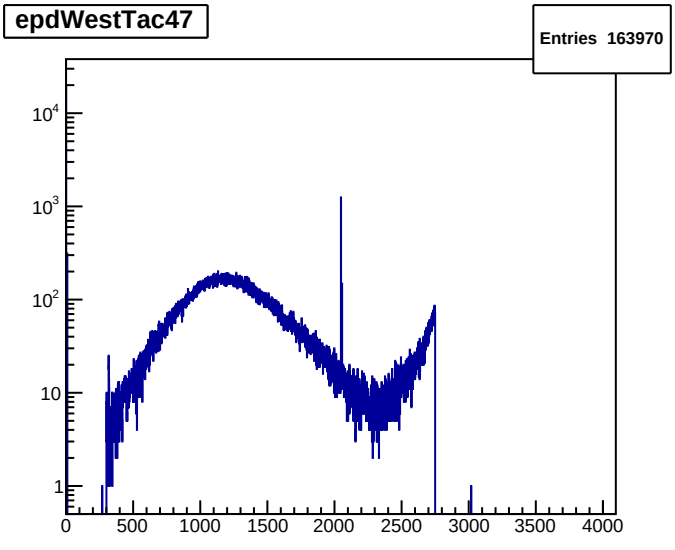

epdEastTac47VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

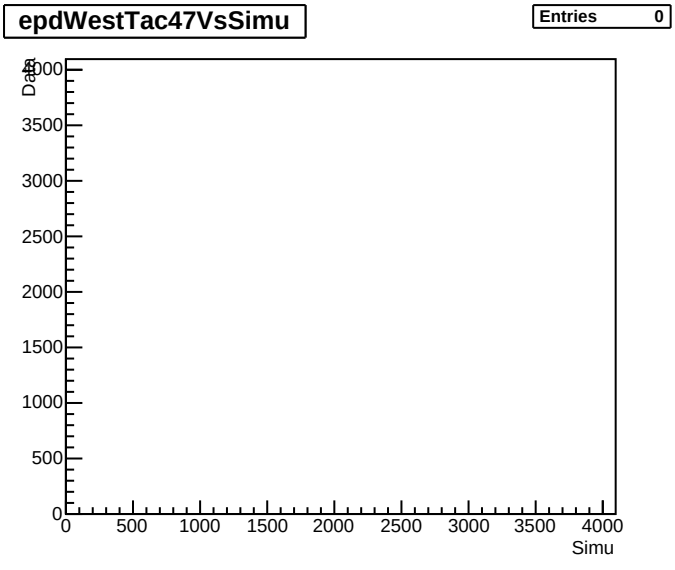

epdEastNHits
Entries 163970
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

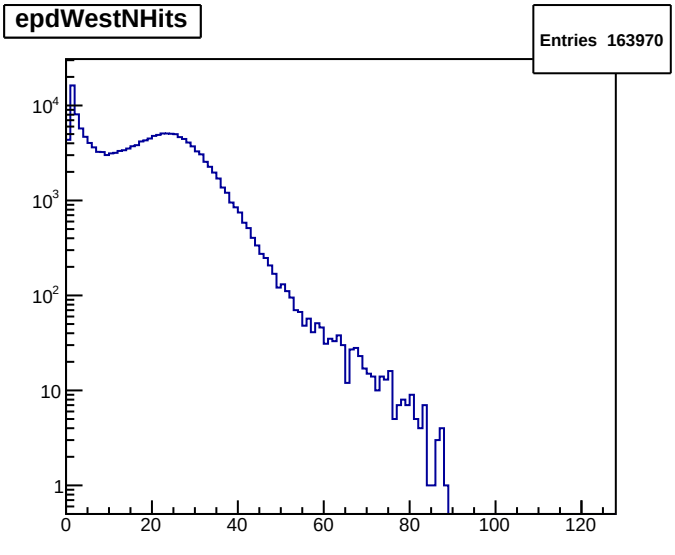

epdEastNHitsVsSimu
Entries 0
Data
120
100
80
60
40
20
0
0 20 40 60 80 100 120
Simu

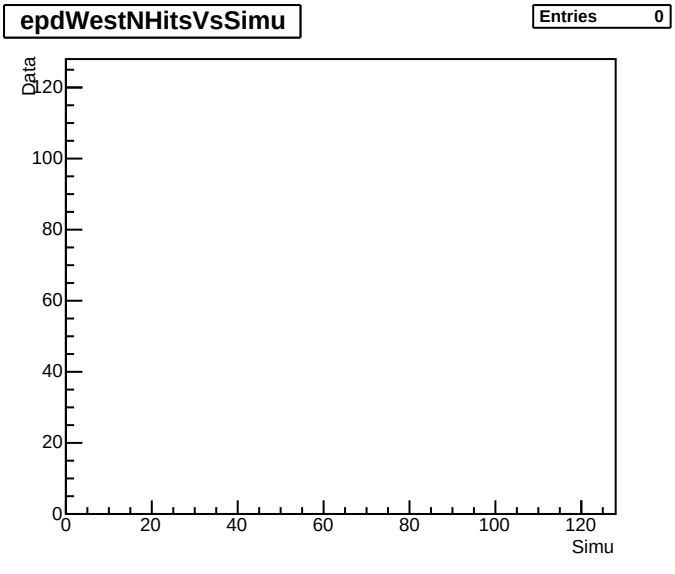

epdWestTac03
Entries 163970

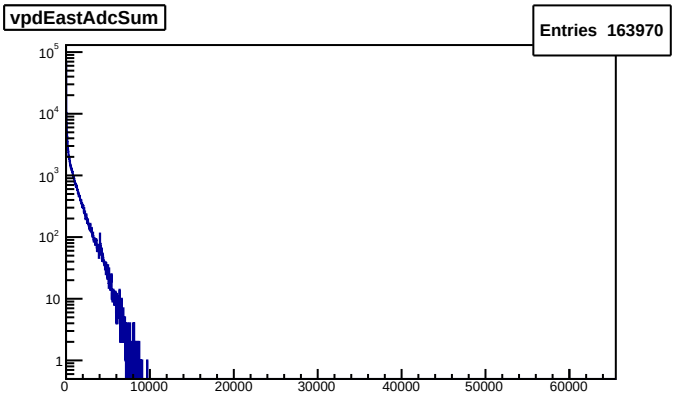

epdWestTac03VsSimu
Entries 0
Data
Simu

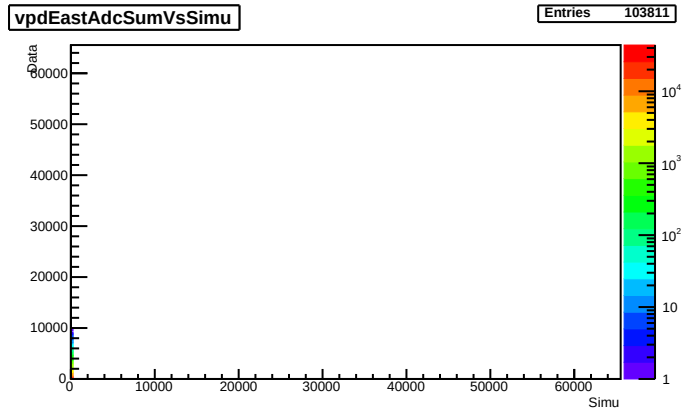

epdWestTac47
Entries 163970

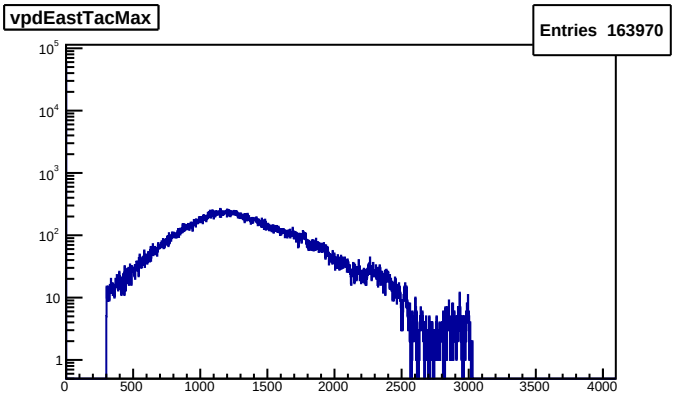

epdWestTac47VsSimu
Entries 0
Data
Simu

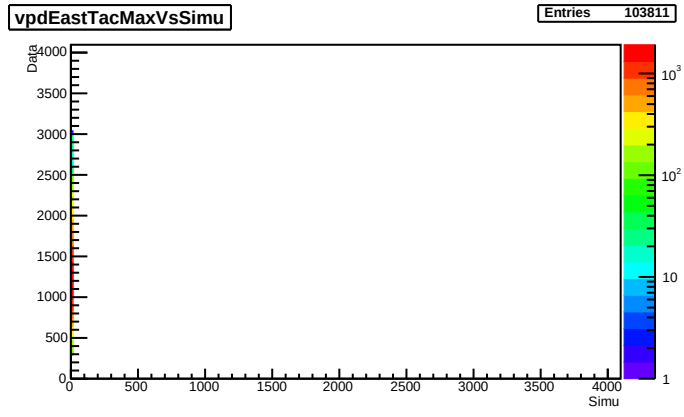

epdWestNHits
Entries 163970

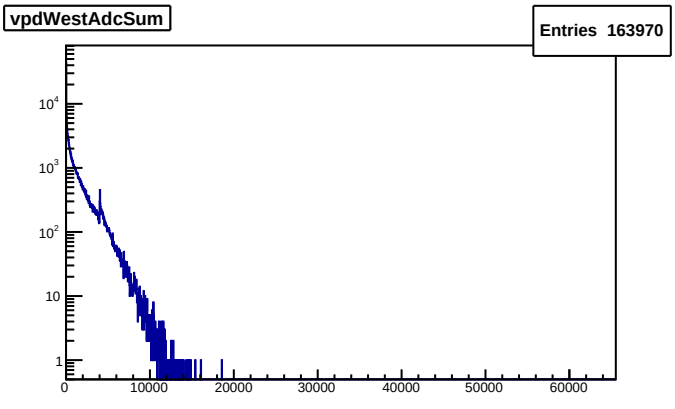

epdWestNHitsVsSimu
Entries 0
Data
Simu

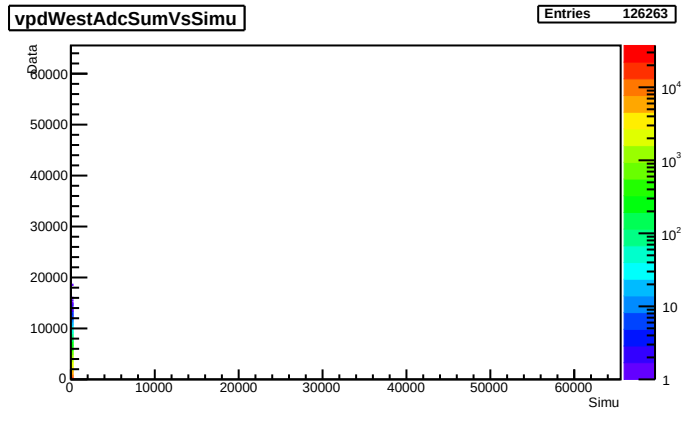

vpdEastAdcSum
Entries 163970

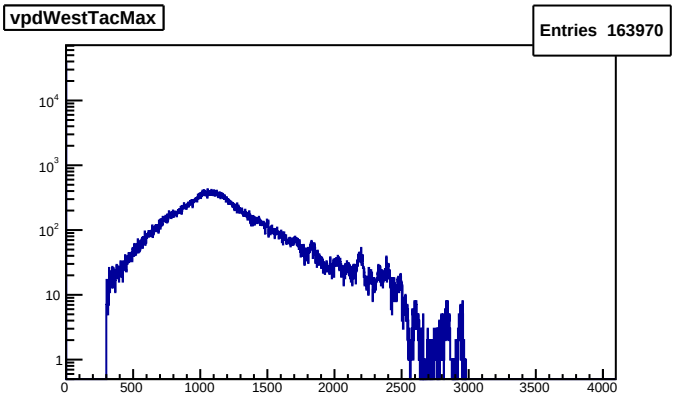

vpdEastAdcSumVsSimu
Entries 103811
Data
Simu

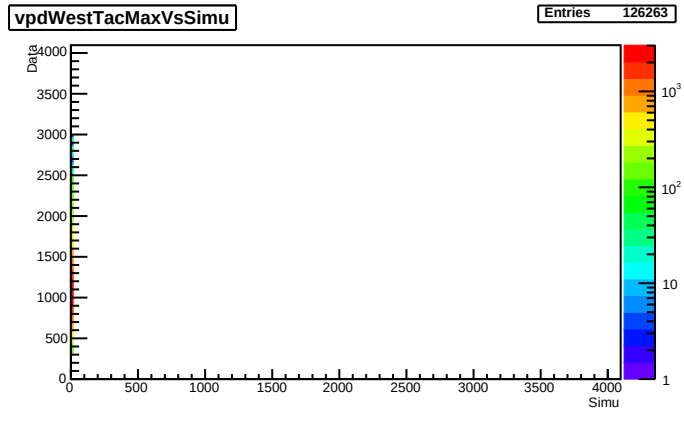

vpdEastTacMax
Entries 163970

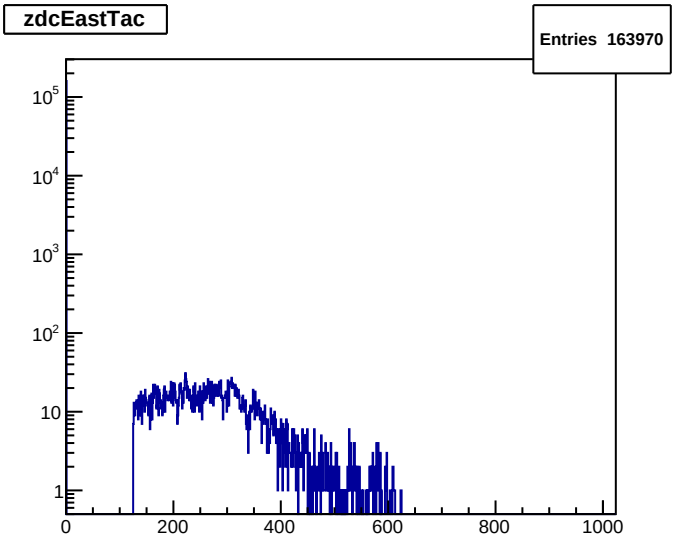

vpdEastTacMaxVsSimu
Entries 103811
Data
Simu

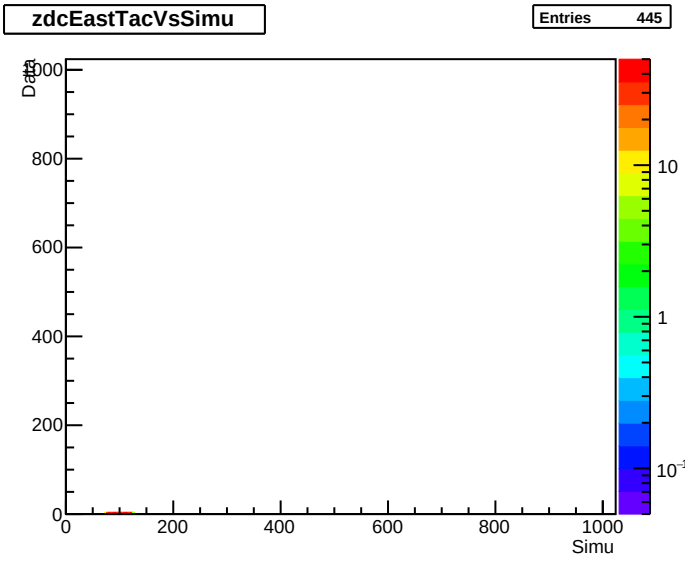

vpdWestAdcSum
Entries 163970

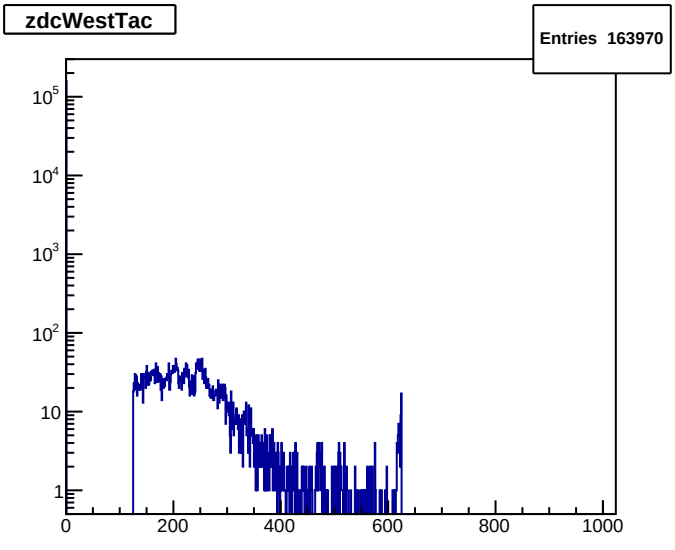

vpdWestAdcSumVsSimu
Entries 126263
Data
Simu

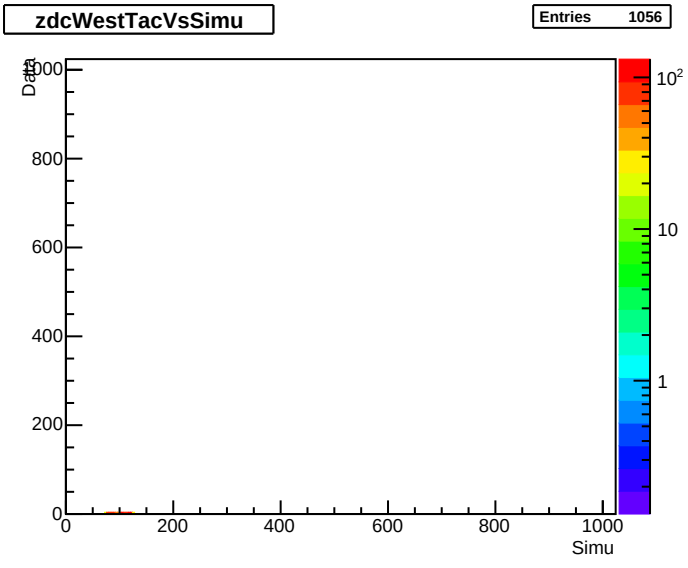

vpdWestTacMax
Entries 163970

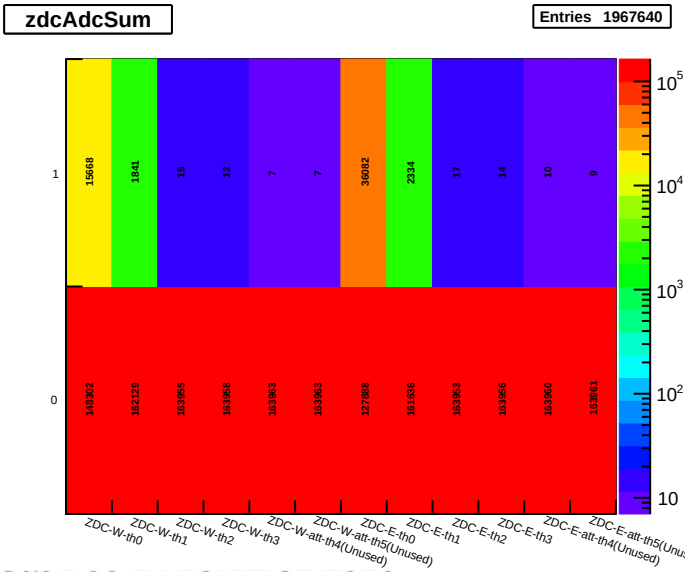

vpdWestTacMaxVsSimu
Entries 126263
Data
Simu

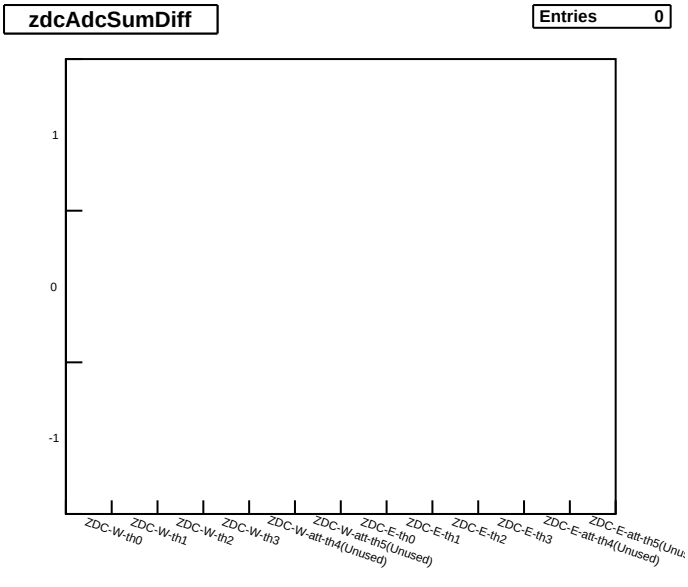

zdcEastTac
Entries 163970

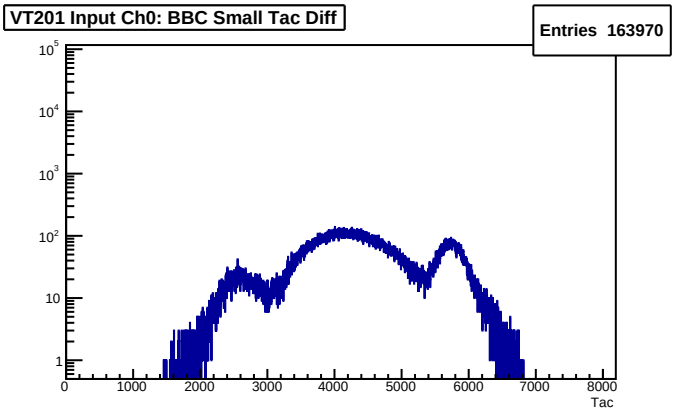

zdcEastTacVsSimu
Entries 445
Data
Simu

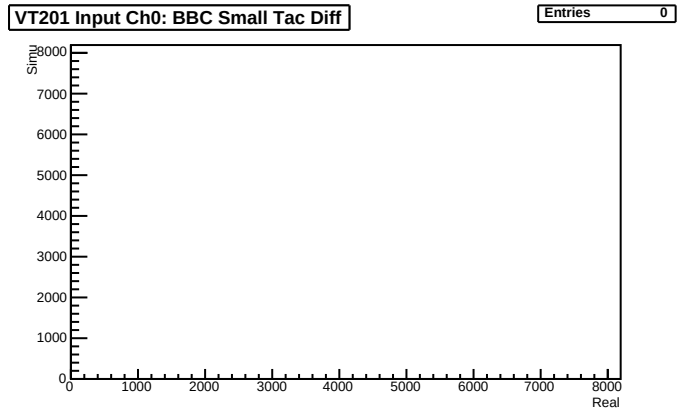

zdcWestTac
Entries 163970

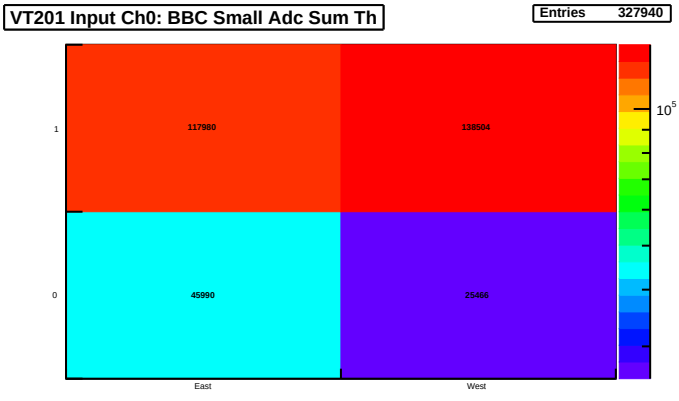

zdcWestTacVsSimu
Entries 1056
Data
Simu

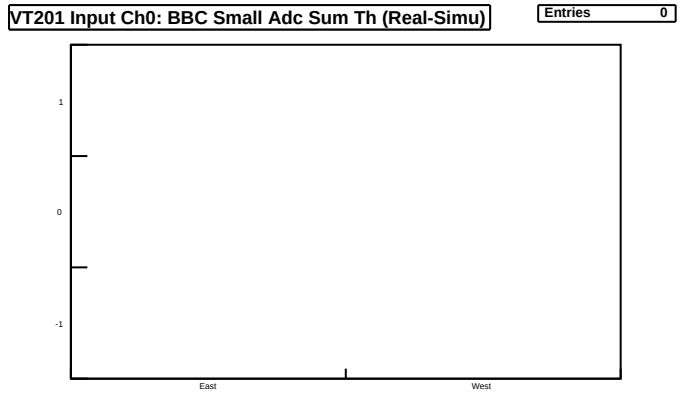

zdcAdcSum
Entries 1967640
15668
1841
15
12
7
7
36082
2334
17
14
10
9
148302
162129
163955
163958
163963
163963
127888
161636
163953
163956
163960
163961
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

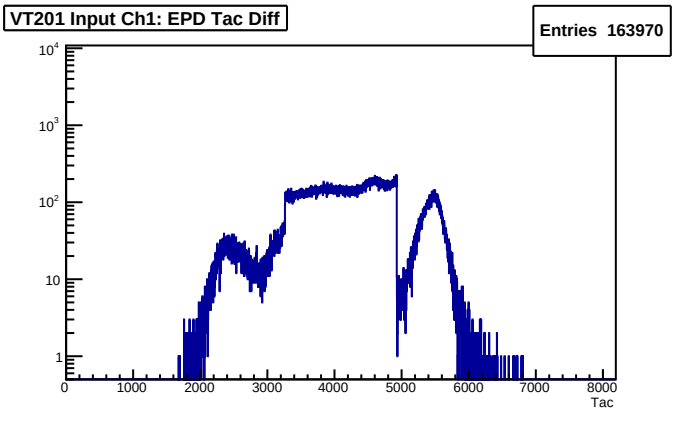

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

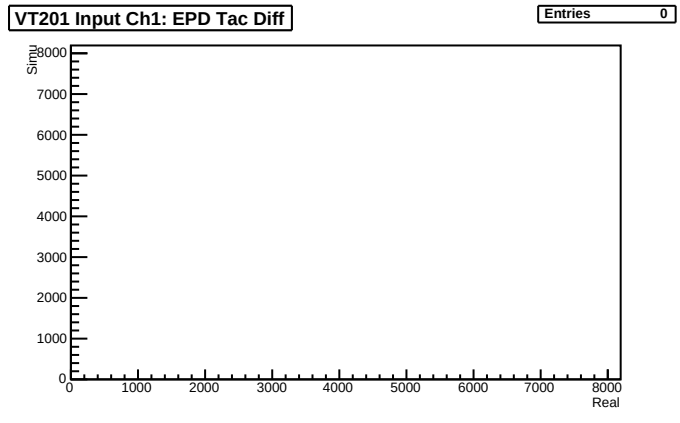

VT201 Input Ch0: BBC Small Tac Diff
Entries 163970
Tac

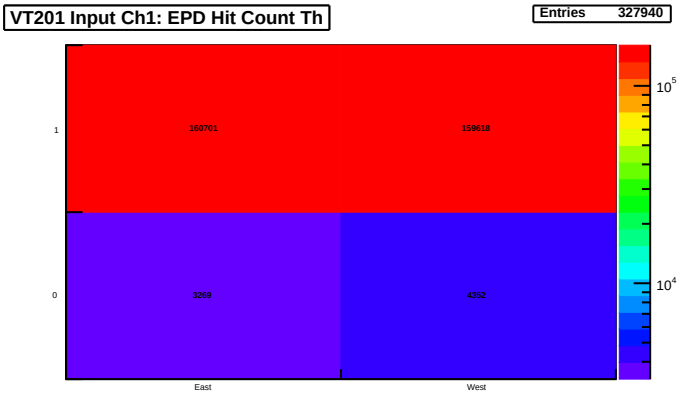

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

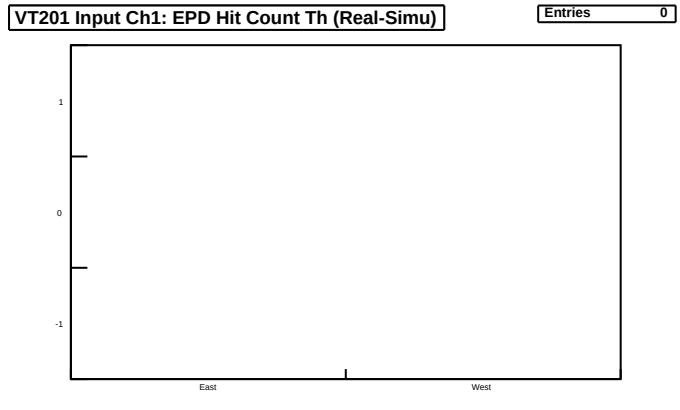

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 327940
117980
138504
45990
25466
East
West

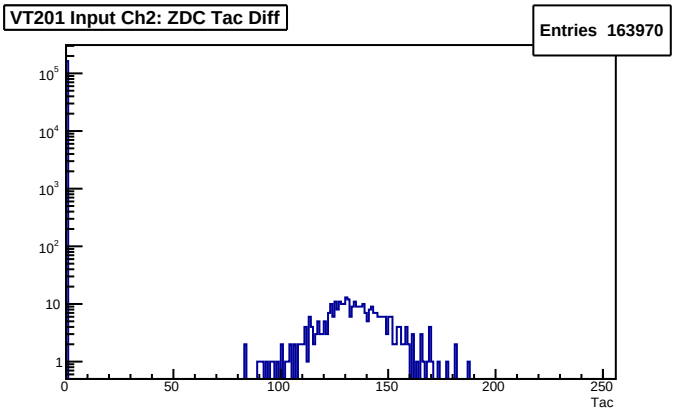

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

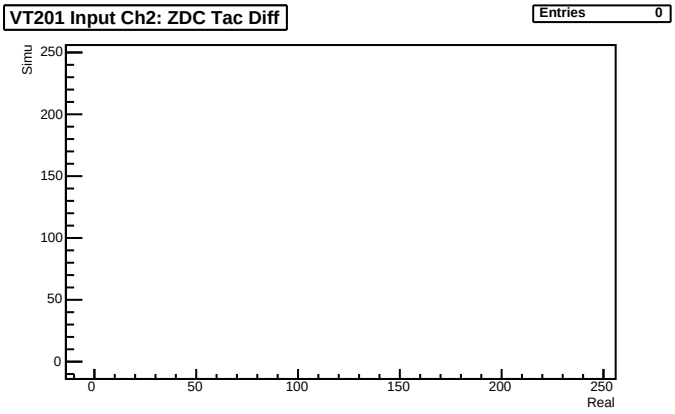

VT201 Input Ch1: EPD Tac Diff
Entries 163970
Tac

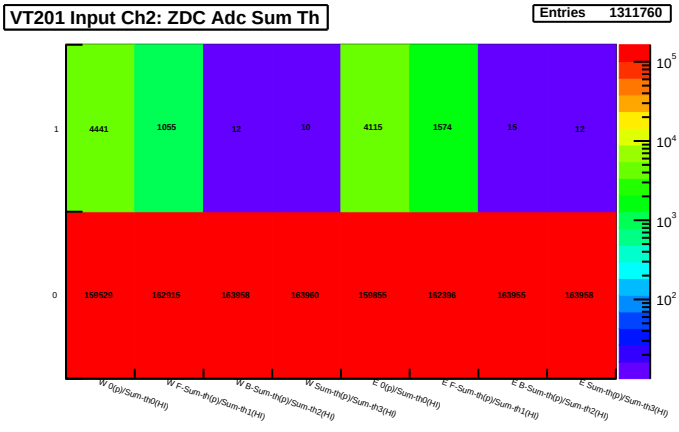

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

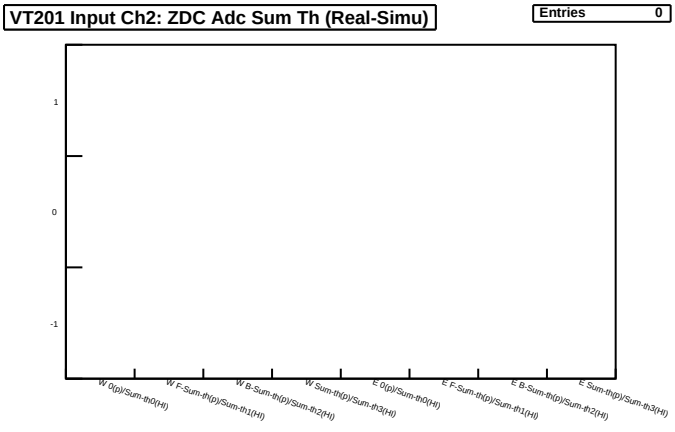

VT201 Input Ch1: EPD Hit Count Th
Entries 327940
160701
159618
3269
4352
East
West

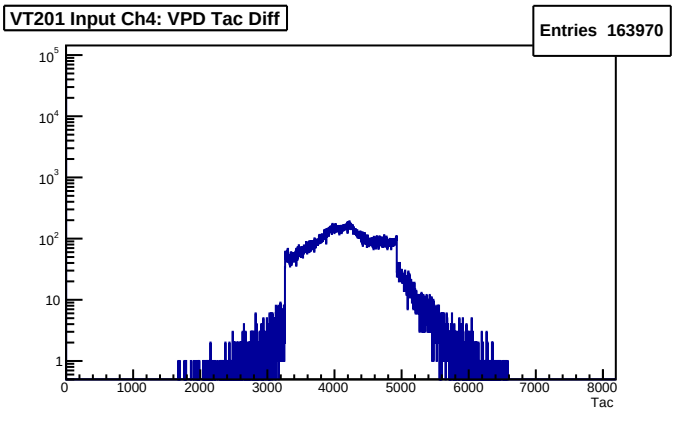

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

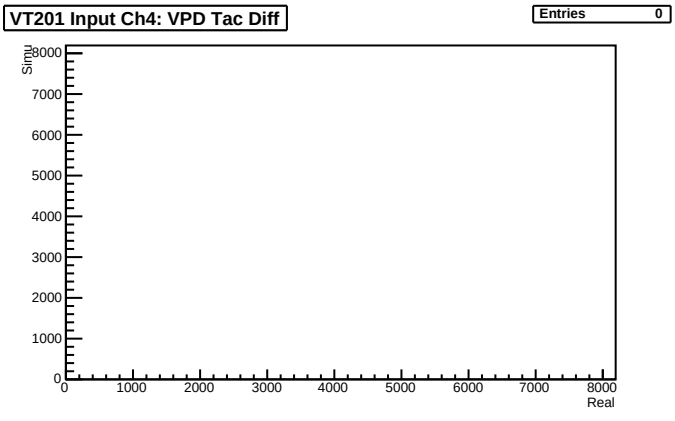

VT201 Input Ch2: ZDC Tac Diff
Entries 163970
Tac

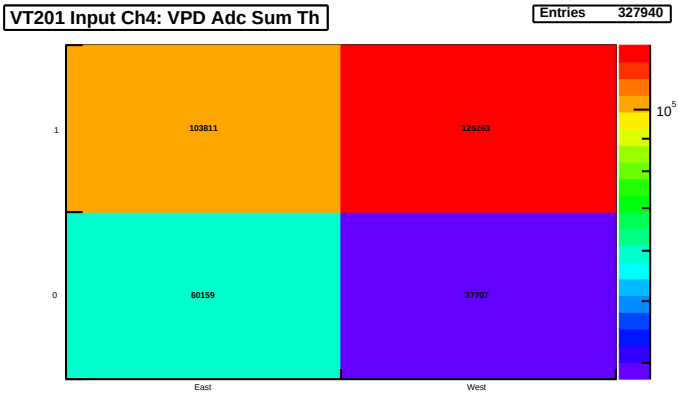

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

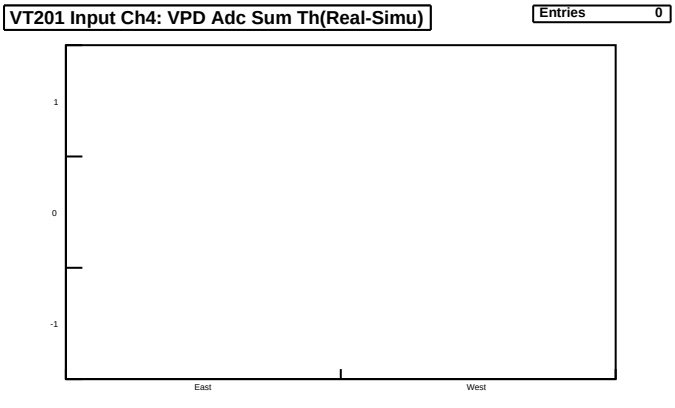

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1311760
4441
1055
12
10
4115
1574
15
12
159529
162915
163958
163960
159855
162396
163955
163958
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

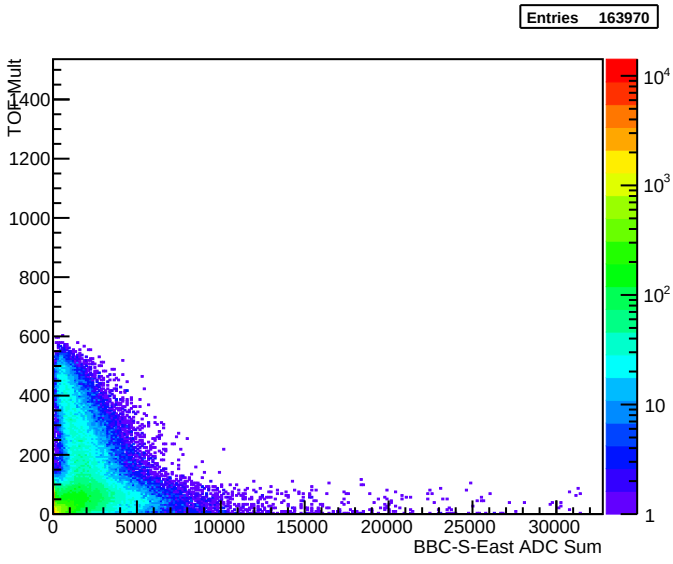

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

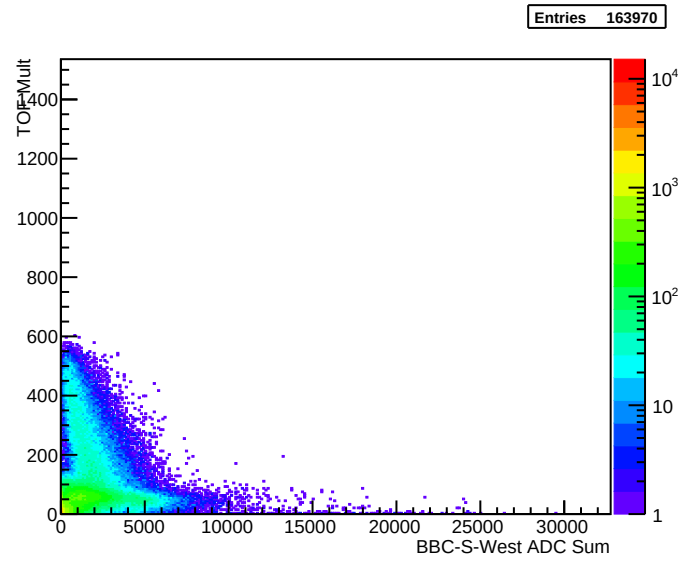

VT201 Input Ch4: VPD Tac Diff
Entries 163970
Tac

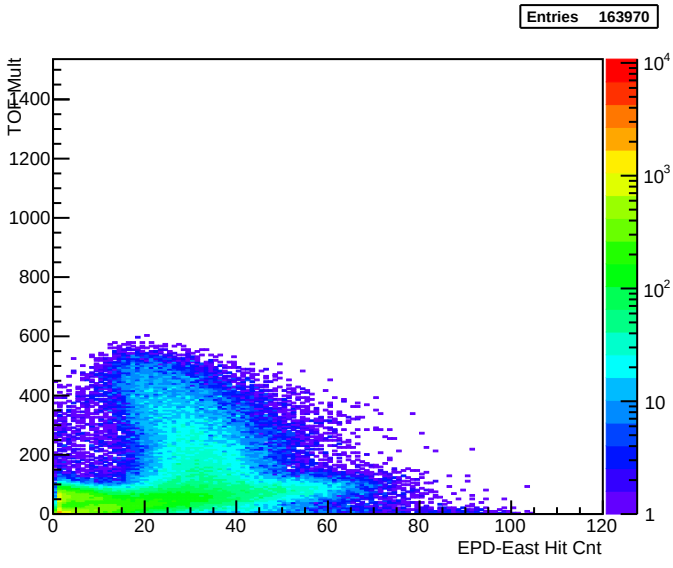

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

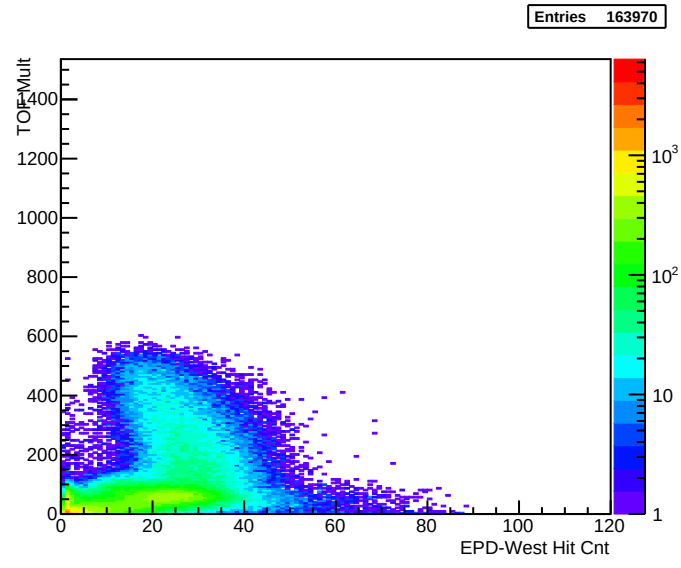

VT201 Input Ch4: VPD Adc Sum Th
Entries 327940
103811
120263
60159
37707
East
West

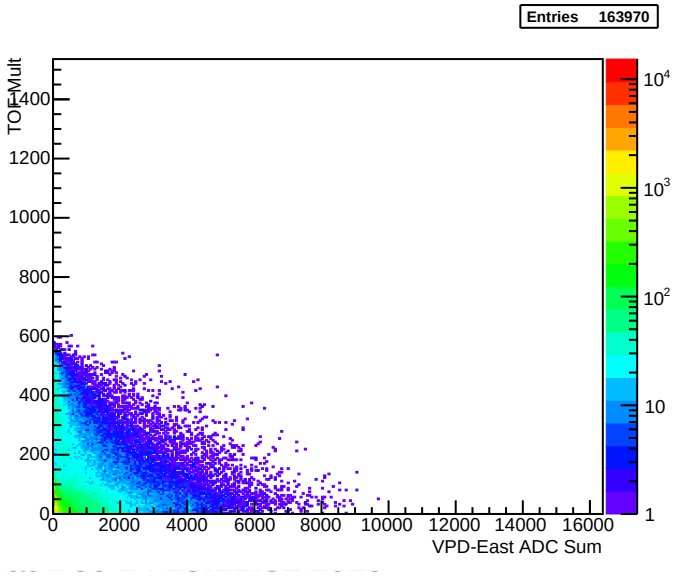

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

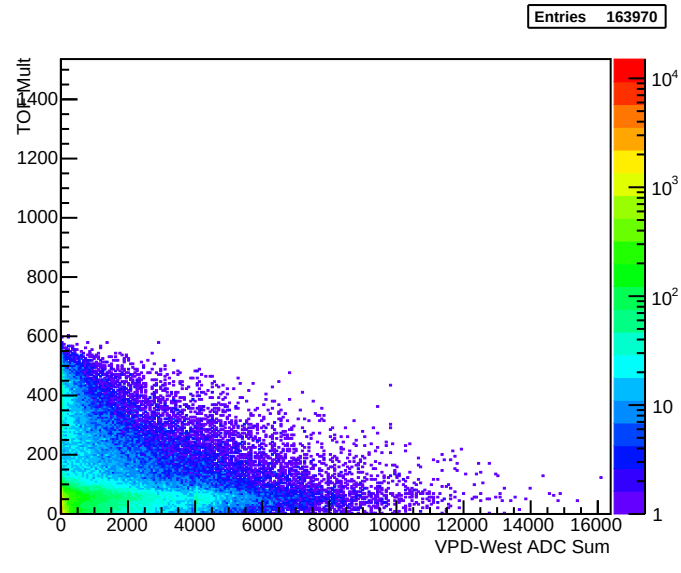

Entries 163970
TOF-Mult
BBC-S-East ADC Sum

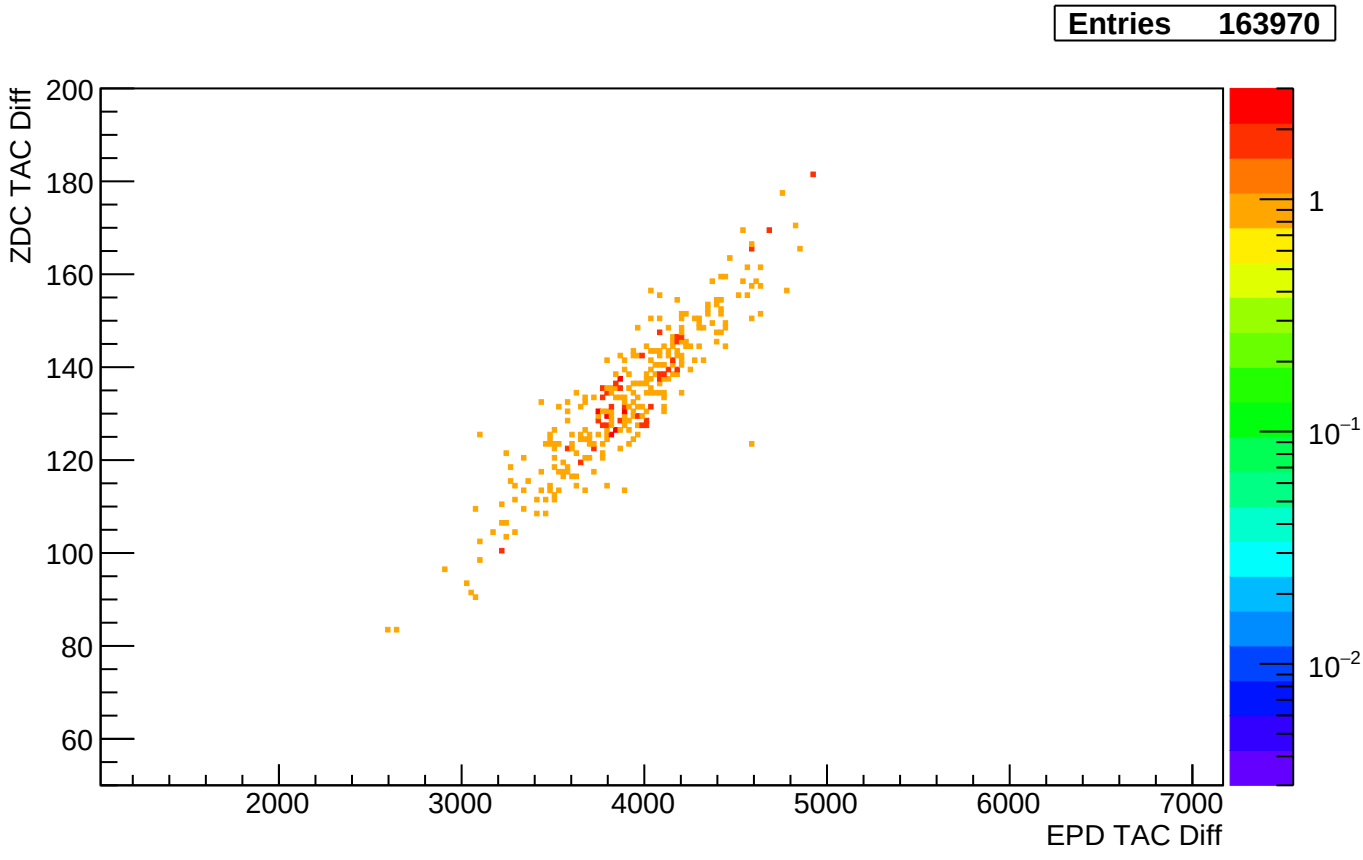

Entries 163970
TOF-Mult
BBC-S-West ADC Sum

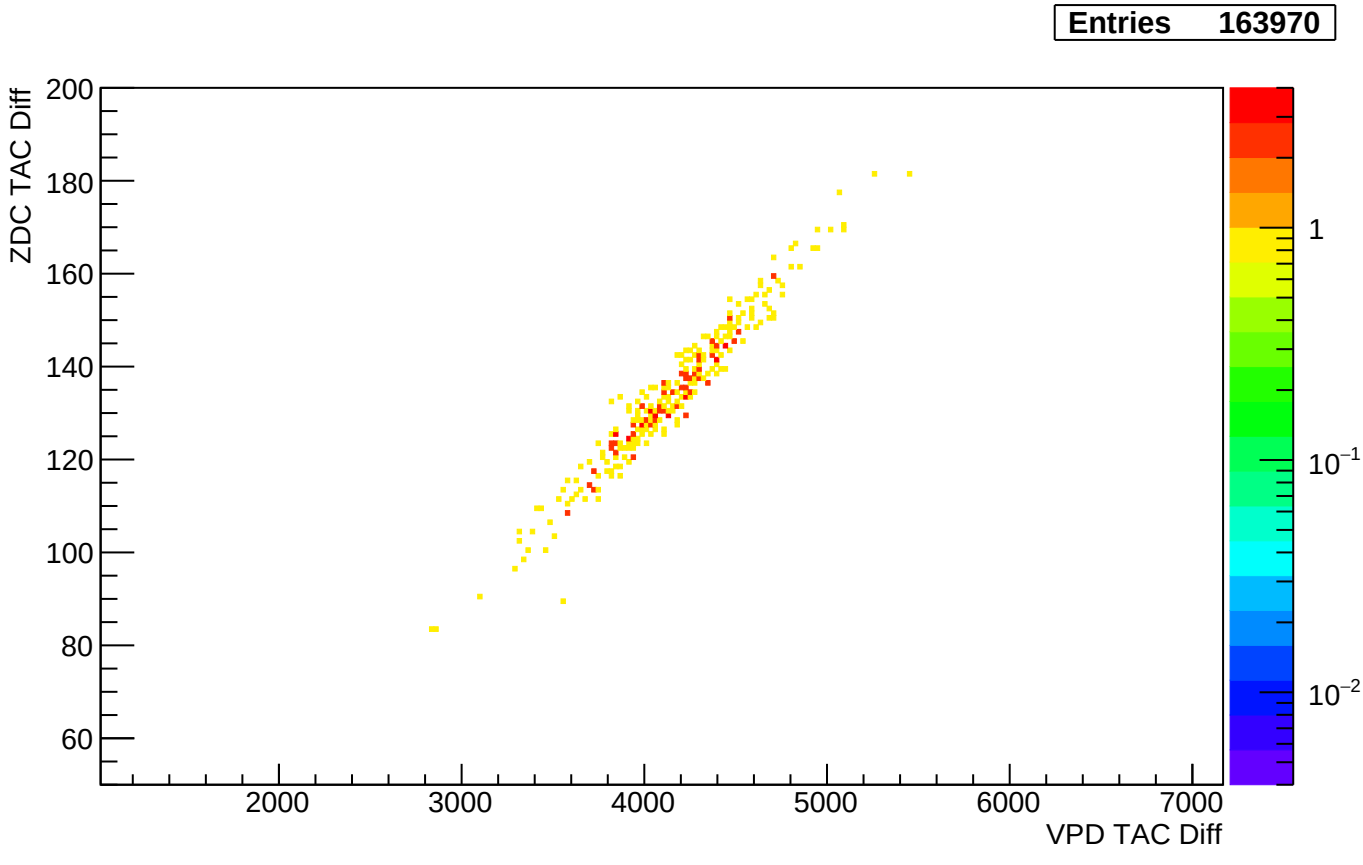

Entries 163970
TOF-Mult
EPD-East Hit Cnt

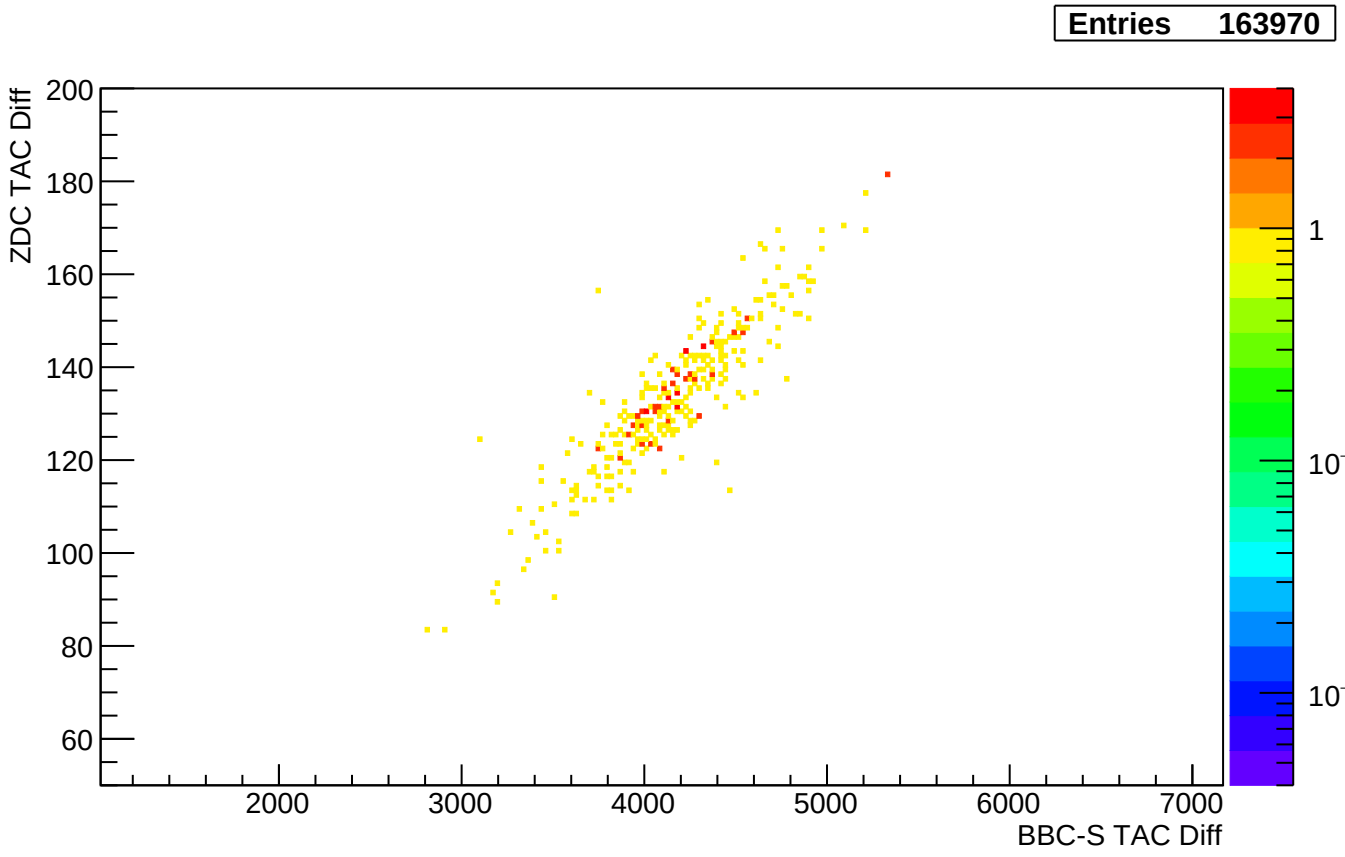

Entries 163970
TOF-Mult
EPD-West Hit Cnt

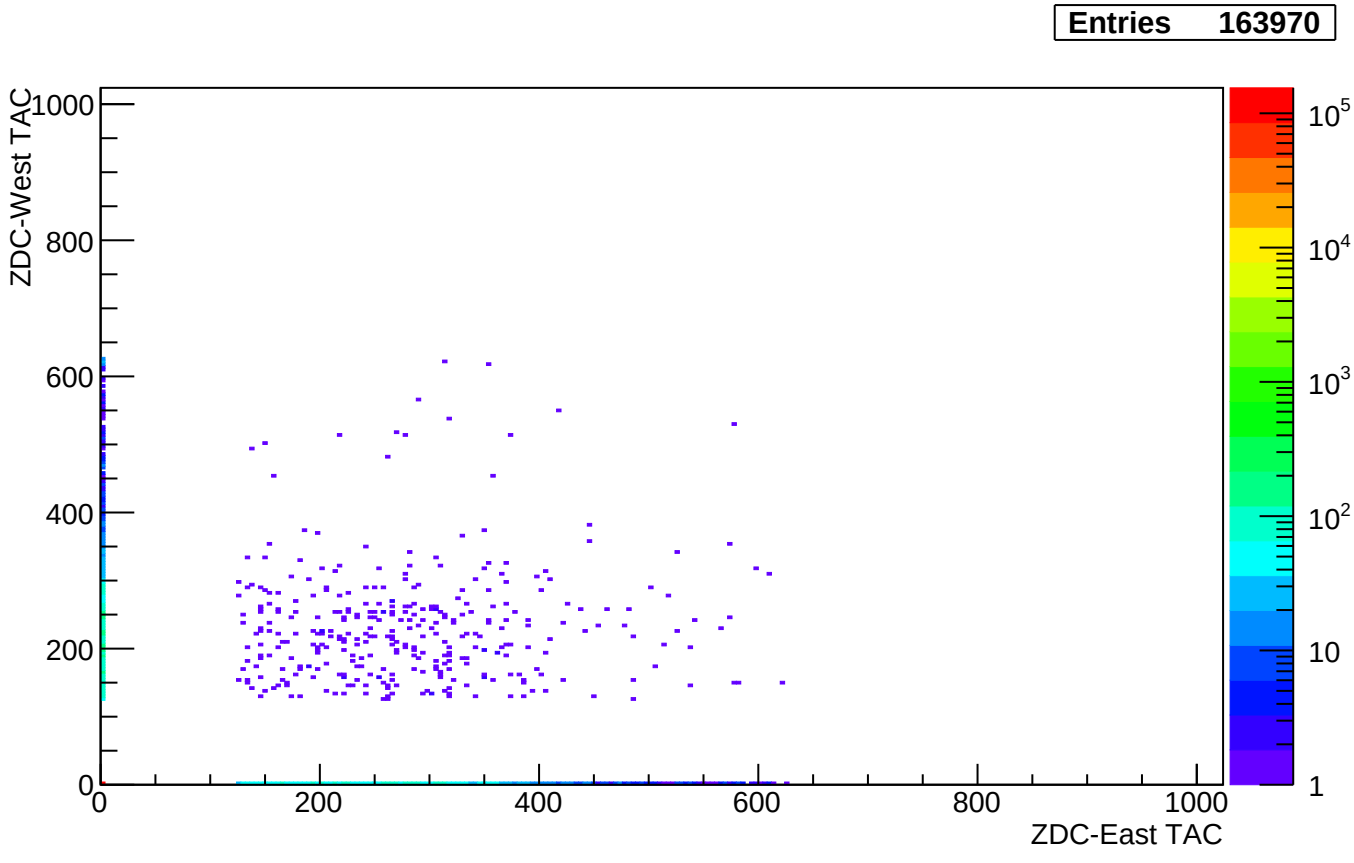

Entries 163970
TOF-Mult
VPD-East ADC Sum

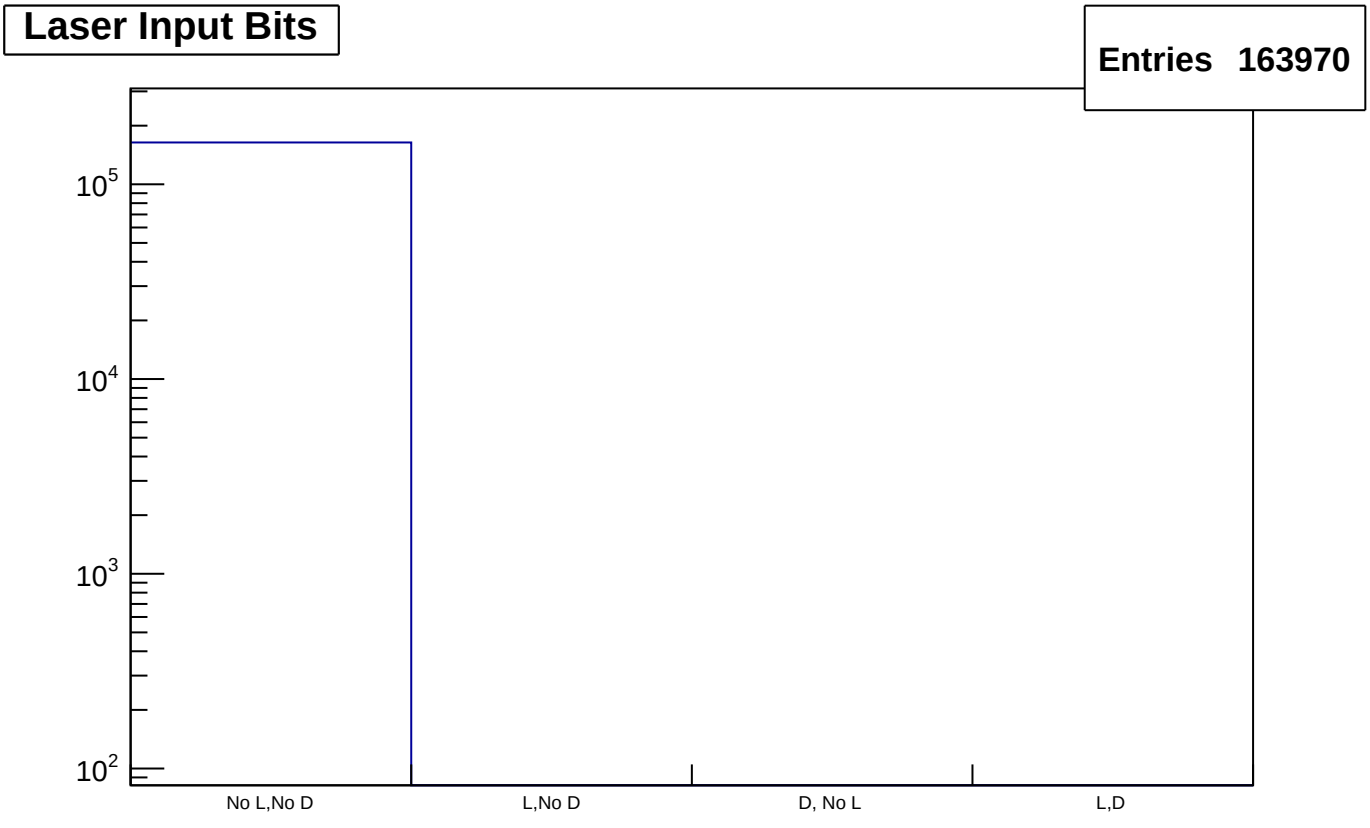

Entries 163970
TOF-Mult
VPD-West ADC Sum

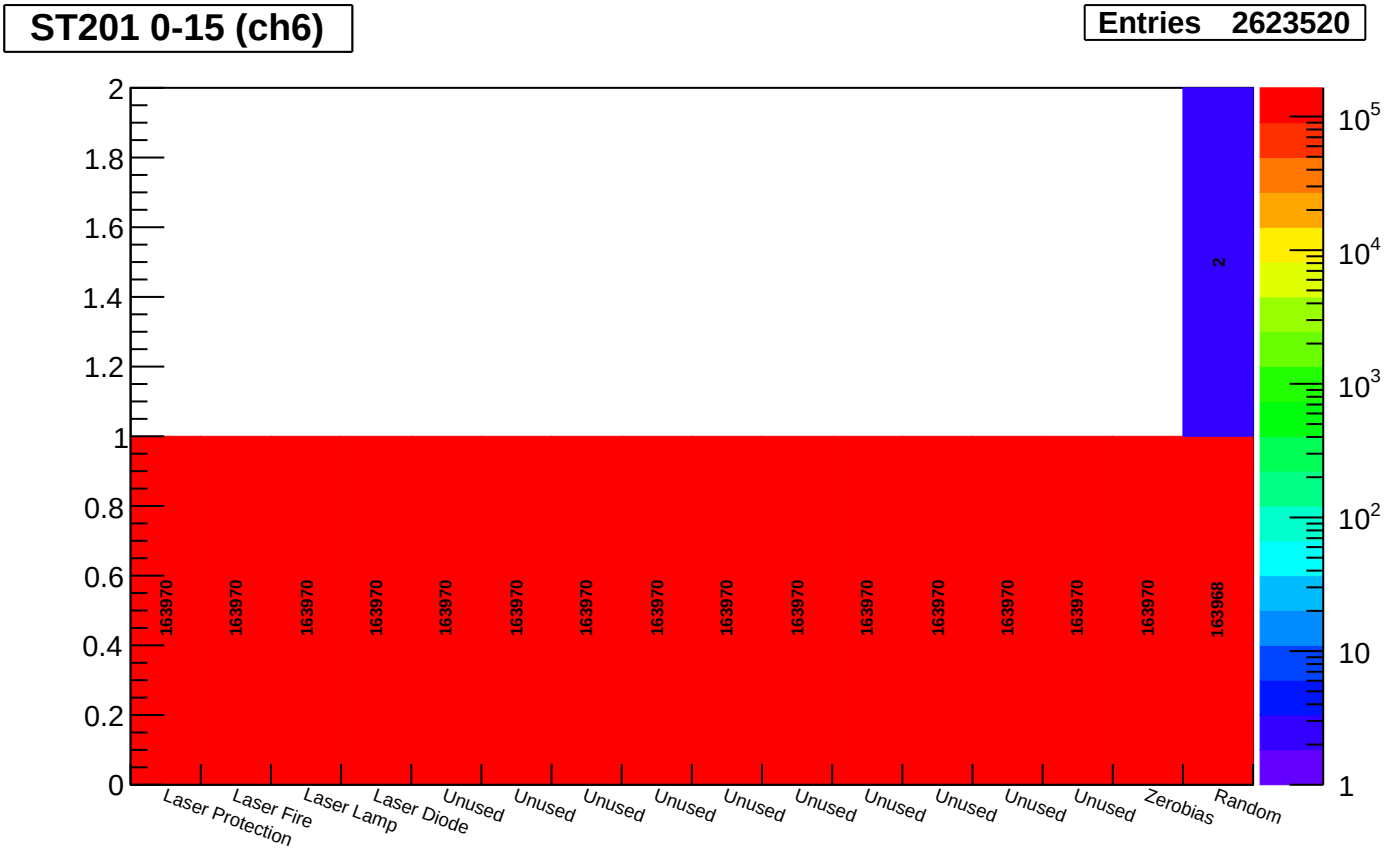

Entries 163970
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

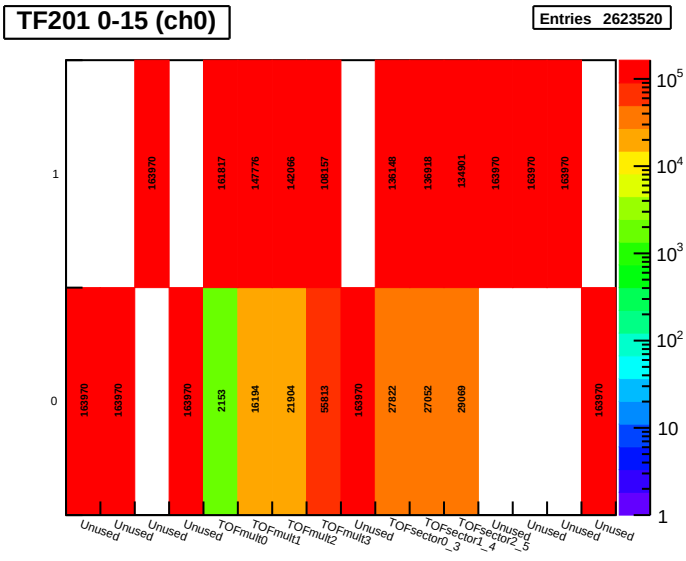

Entries 163970
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

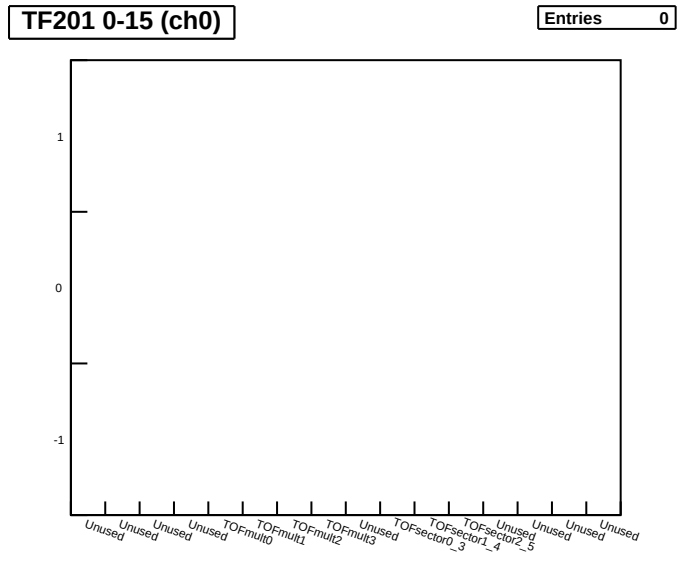

Entries 163970
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

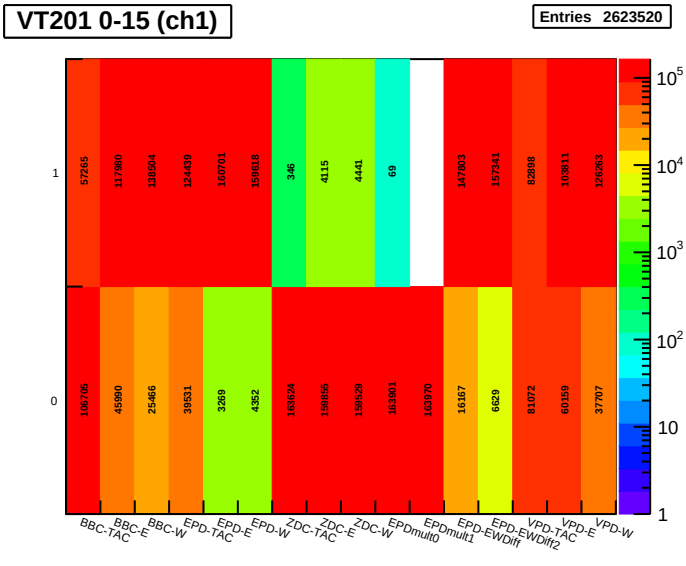

Entries 163970
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

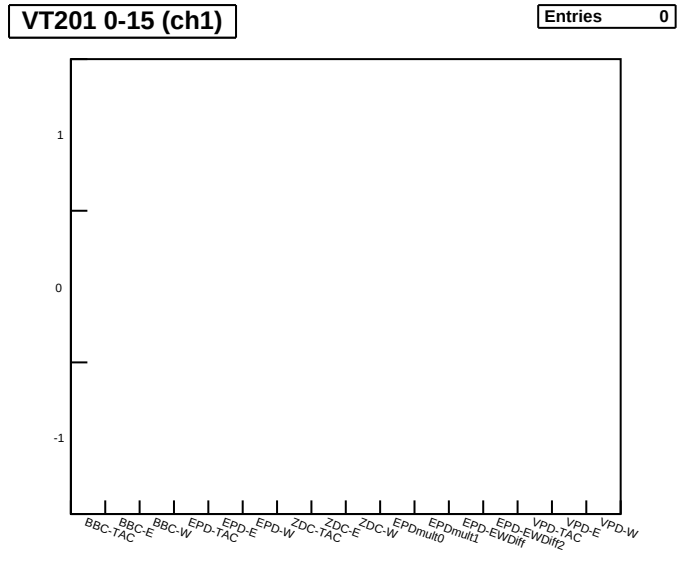

Laser Input Bits
Entries 163970
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

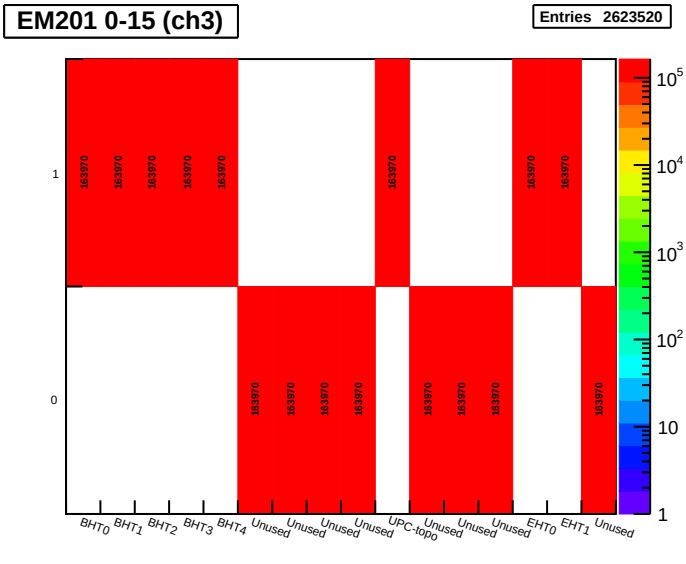

ST201 0-15 (ch6)
Entries 2623520
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
163970
163968
2
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

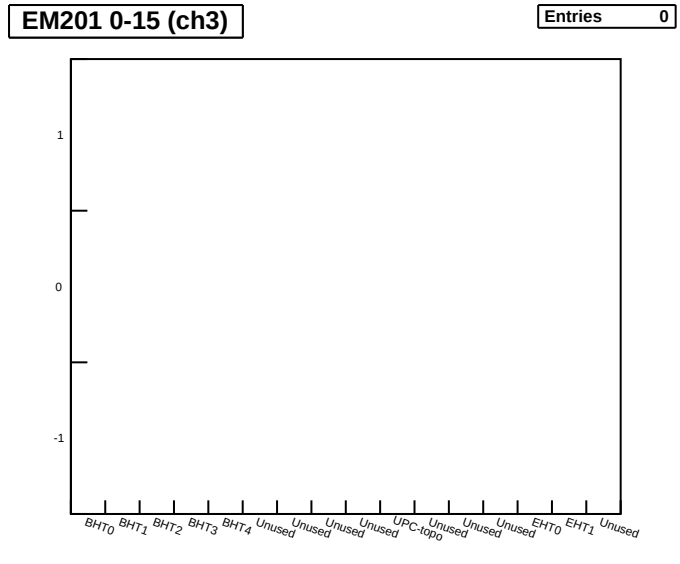

TF201 0-15 (ch0)
Entries 2623520
1
0
163970
161817
147776
142066
108157
136148
136918
134901
163970
163970
163970
163970
163970
2153
16194
21904
55813
163970
27822
27052
29069
163970
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 2623520
1
0
57265
117980
138504
124439
160701
159618
346
4115
4441
69
147803
157341
82898
103811
126353
106705
45990
25466
39531
3269
4352
163624
159855
159529
163901
163970
16167
6629
81072
60159
37707
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 2623520
1
0
163970
163970
163970
163970
163970
163970
163970
163970
163970
163970
163970
163970
163970
163970
163970
163970
163970
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