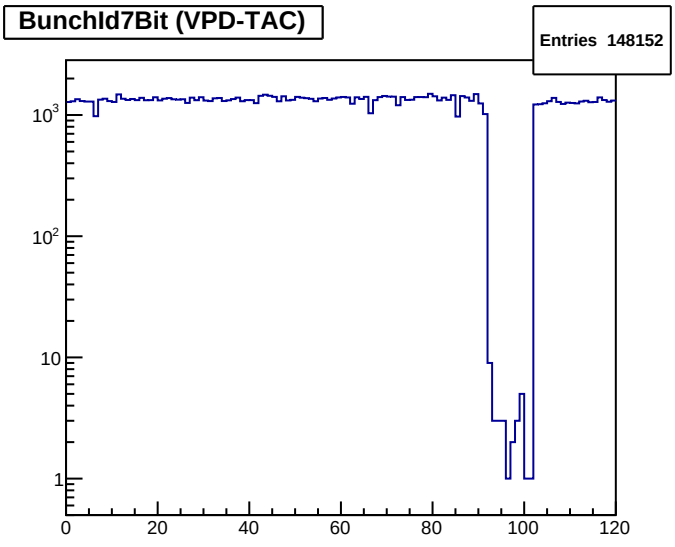
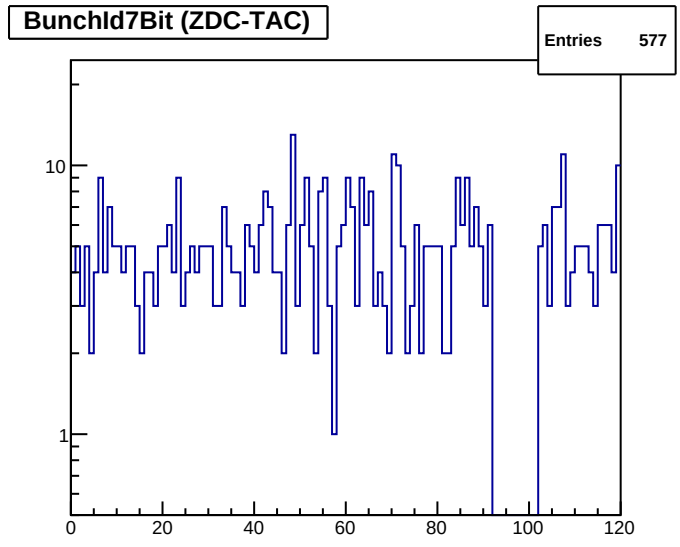
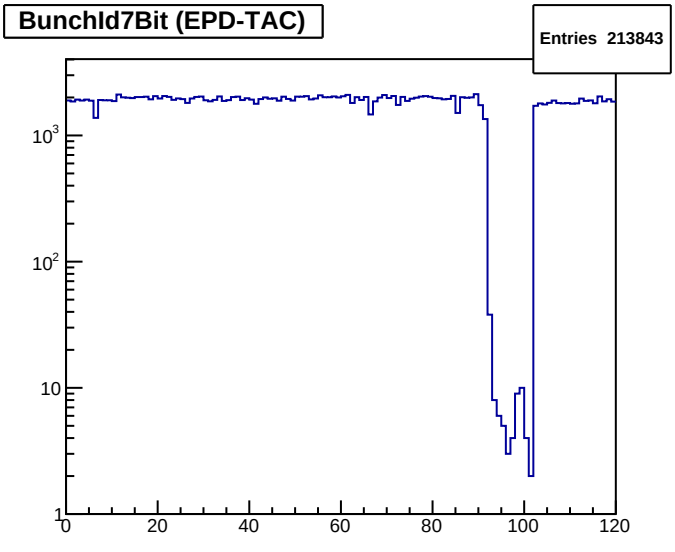
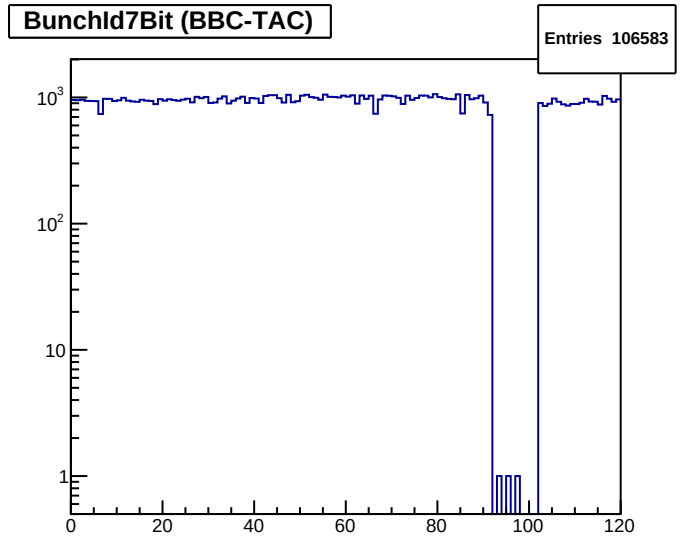
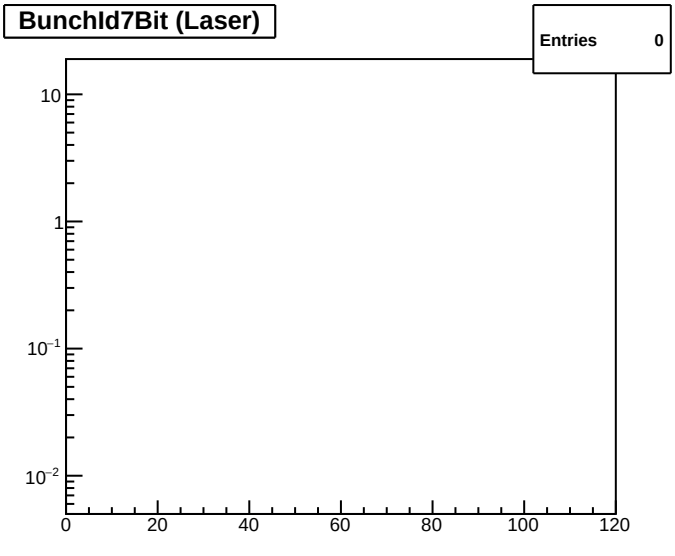
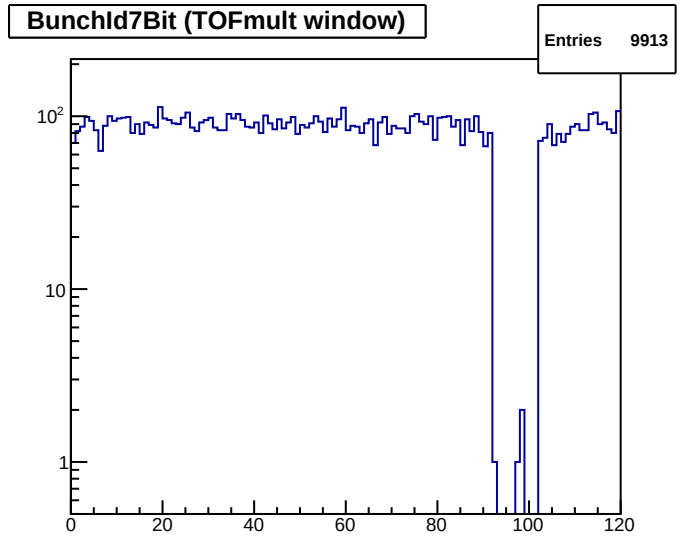

BunchId7Bit (VPD-TAC)
Entries 148152

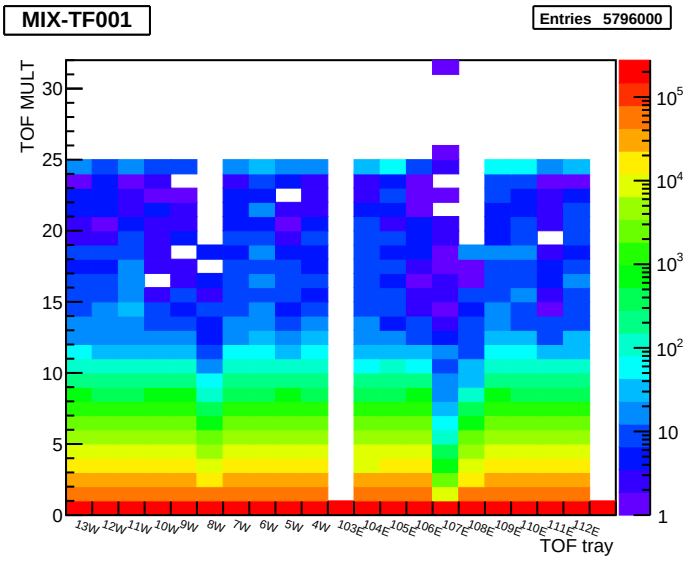

BunchId7Bit (ZDC-TAC)
Entries 577

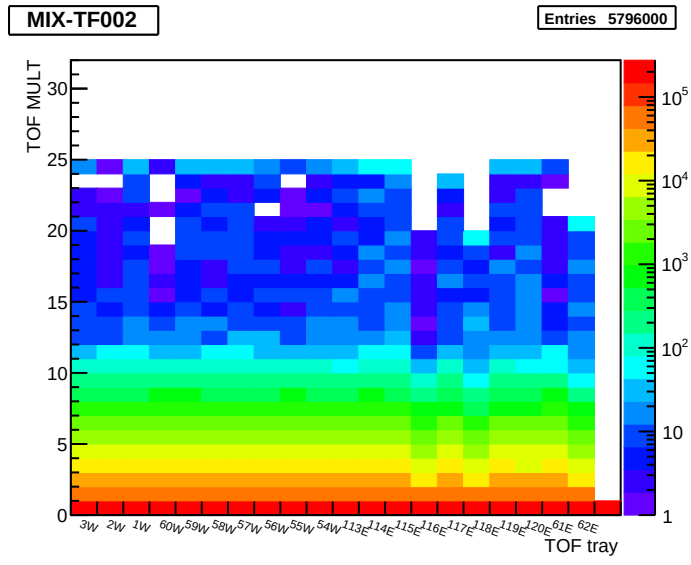

BunchId7Bit (EPD-TAC)
Entries 213843

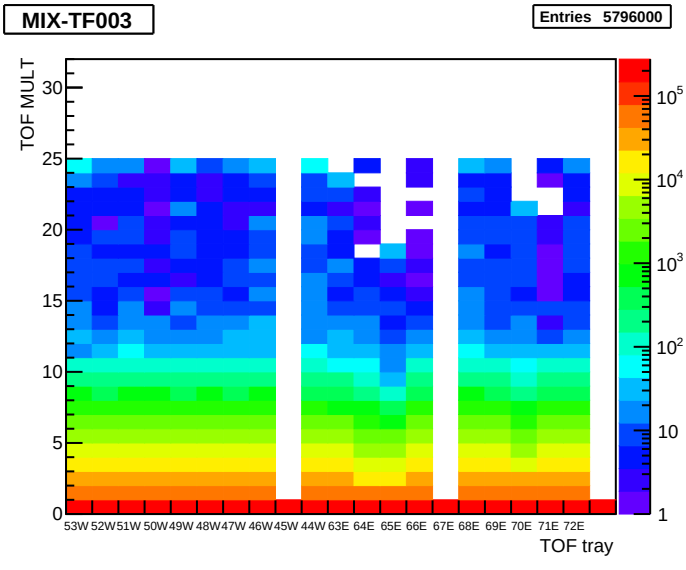

BunchId7Bit (BBC-TAC)
Entries 106583

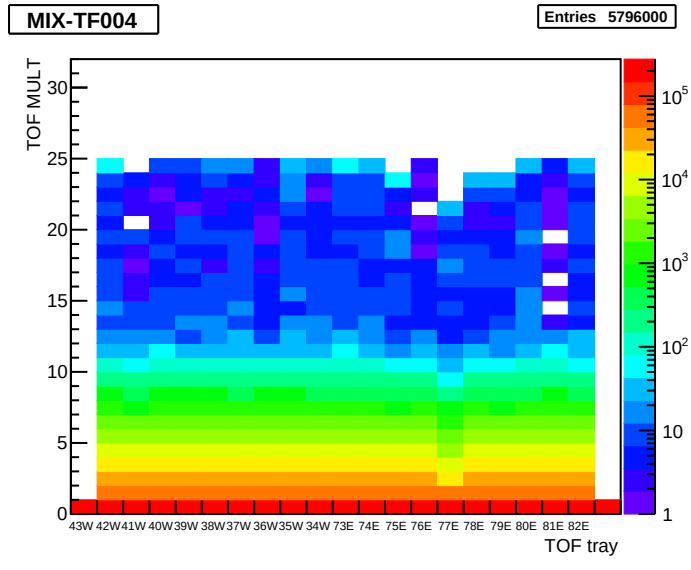

BunchId7Bit (Laser)
Entries 0

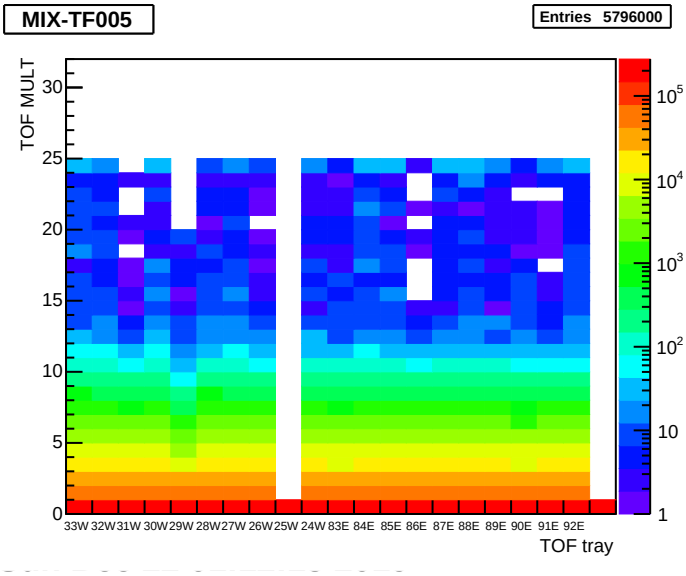

BunchId7Bit (TOFmult window)
Entries 9913

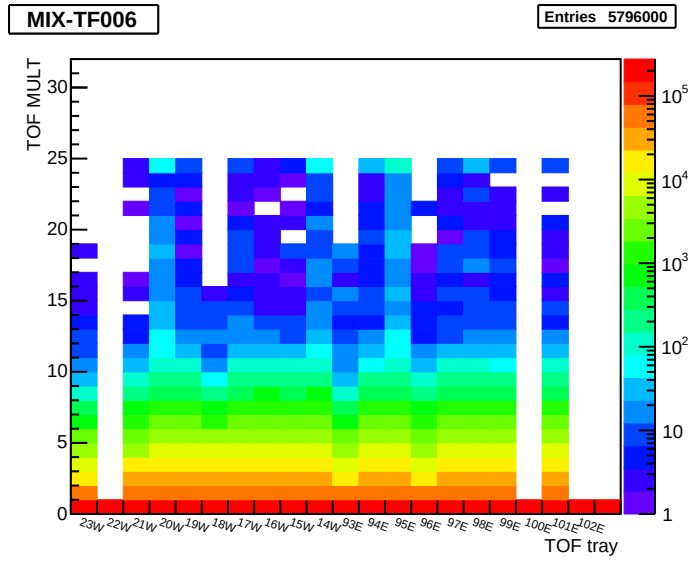

MIX-TF001
Entries 5796000
TOF MULT
TOF tray

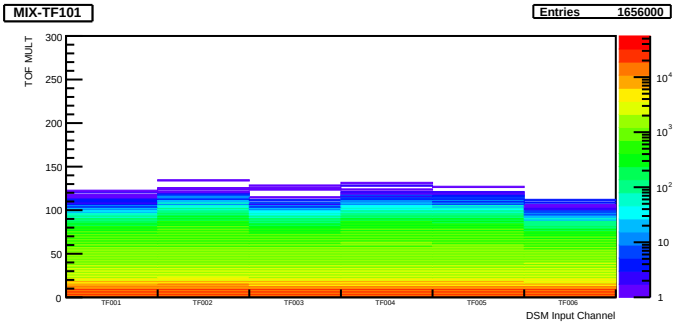

MIX-TF002
Entries 5796000
TOF MULT
TOF tray

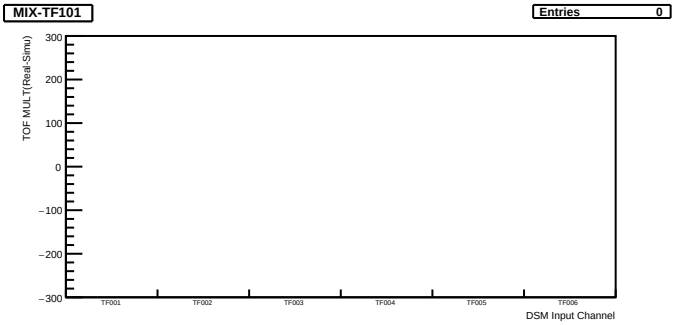

MIX-TF003
Entries 5796000
TOF MULT
TOF tray

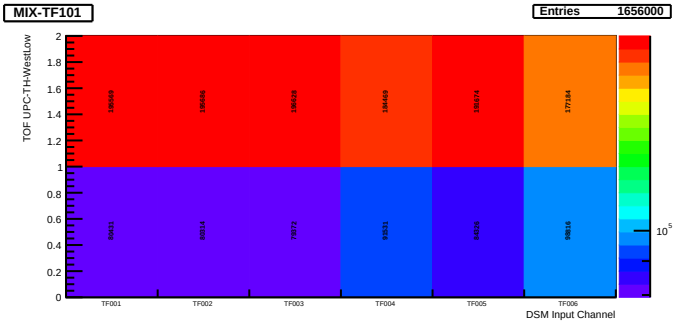

MIX-TF004
Entries 5796000
TOF MULT
TOF tray

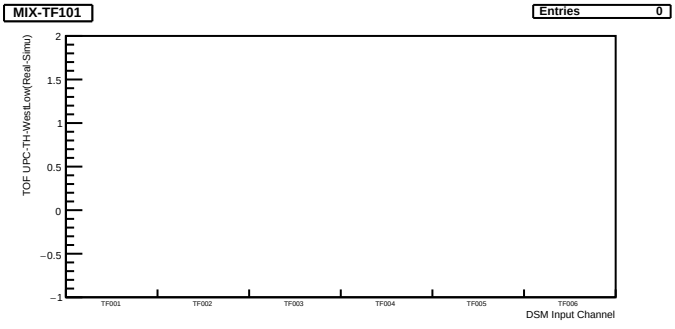

MIX-TF005
Entries 5796000
TOF MULT
TOF tray

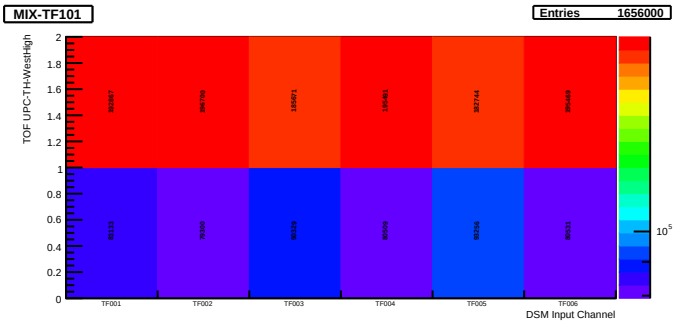

MIX-TF006
Entries 5796000
TOF MULT
TOF tray

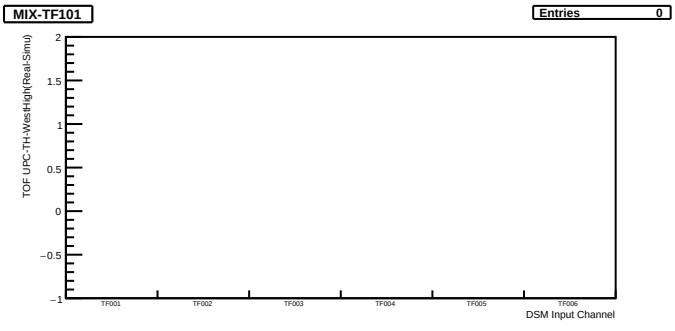

MIX-TF101
Entries 1656000
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

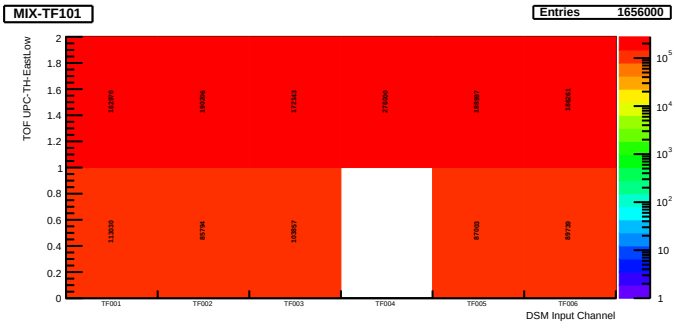

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

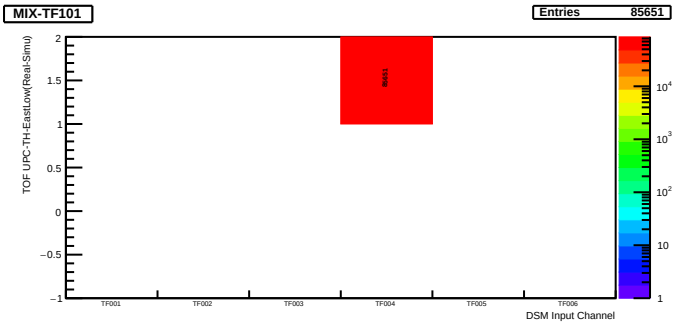

MIX-TF101
Entries 1656000
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

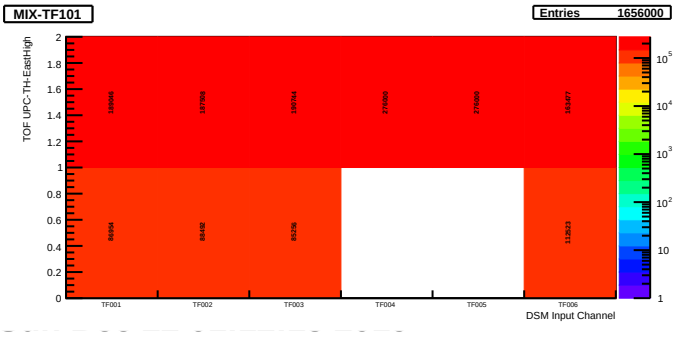

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

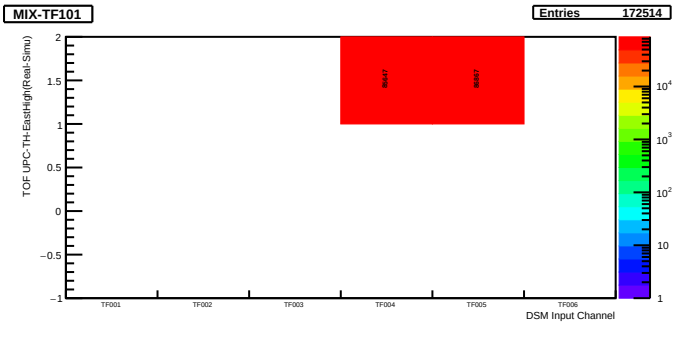

MIX-TF101
Entries 1656000
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

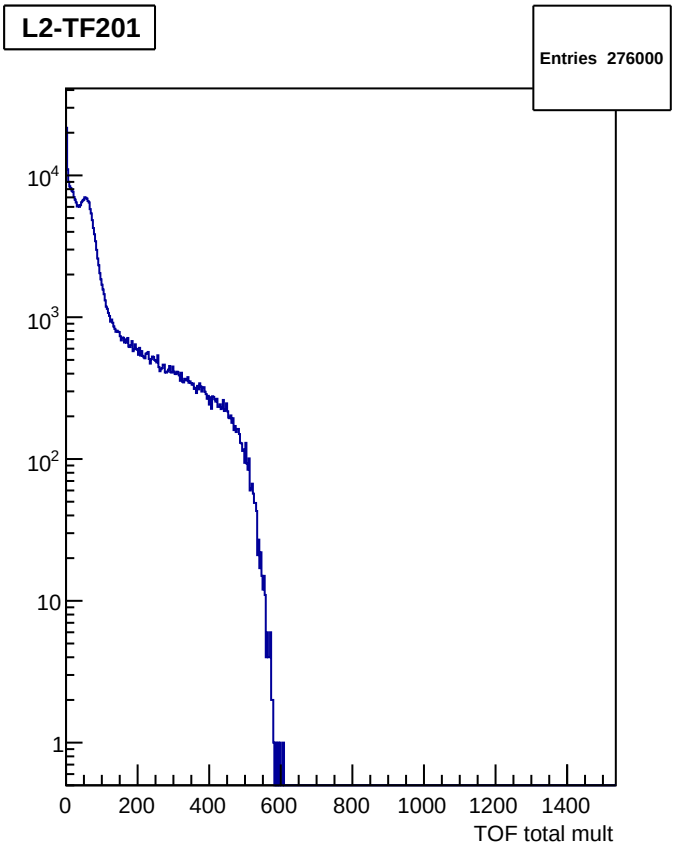

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

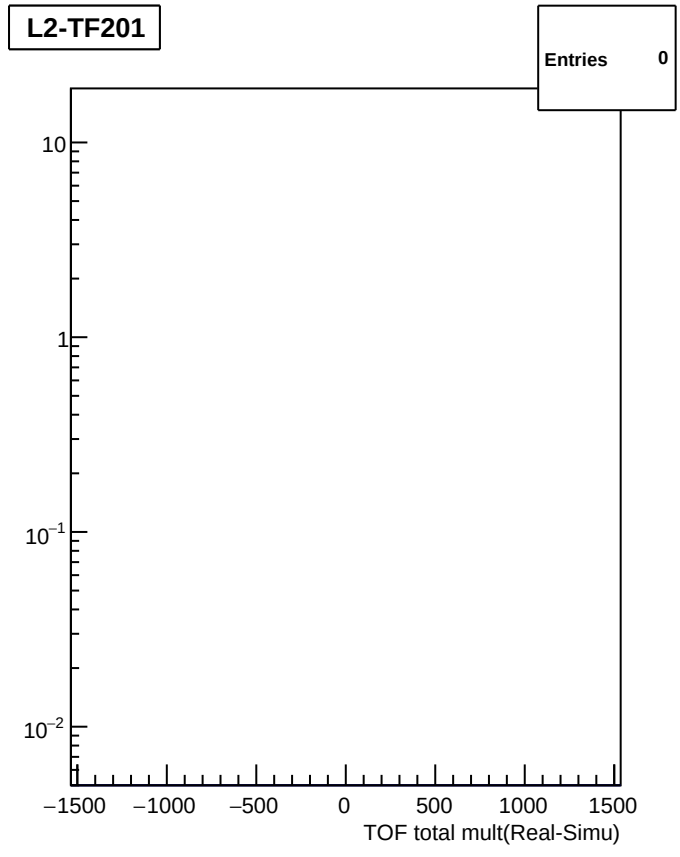

MIX-TF101
Entries 1656000
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

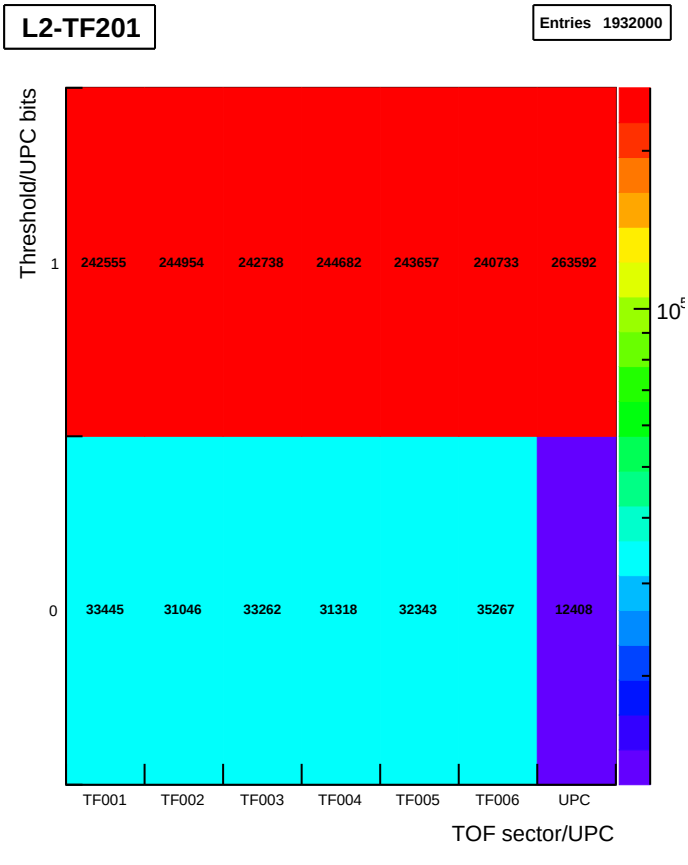

MIX-TF101
Entries 85651
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

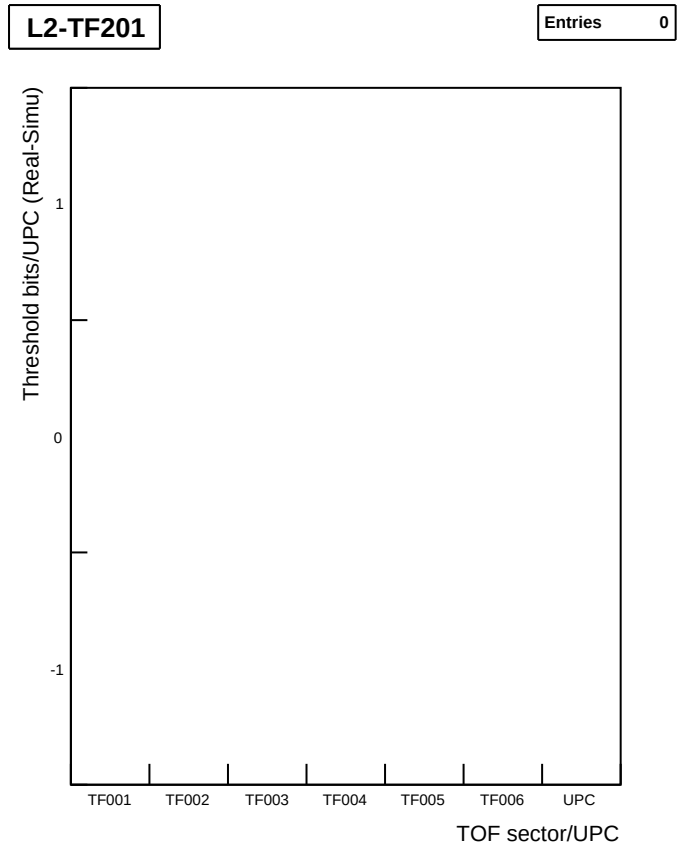

MIX-TF101
Entries 1656000
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

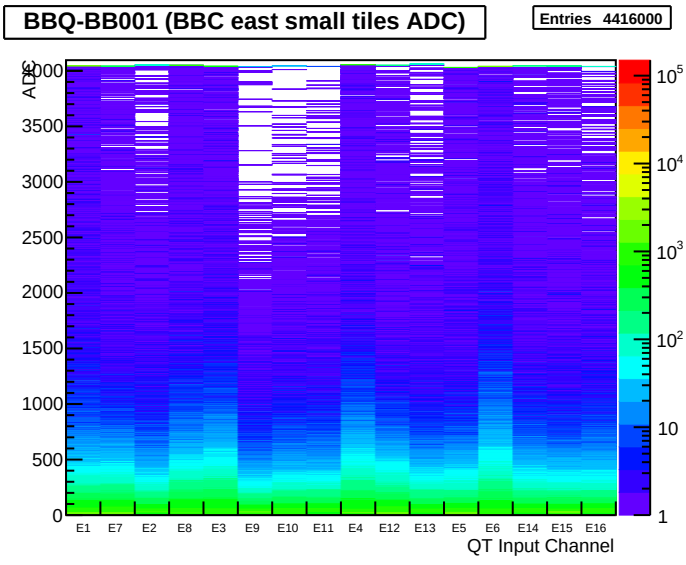

MIX-TF101
Entries 172514
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

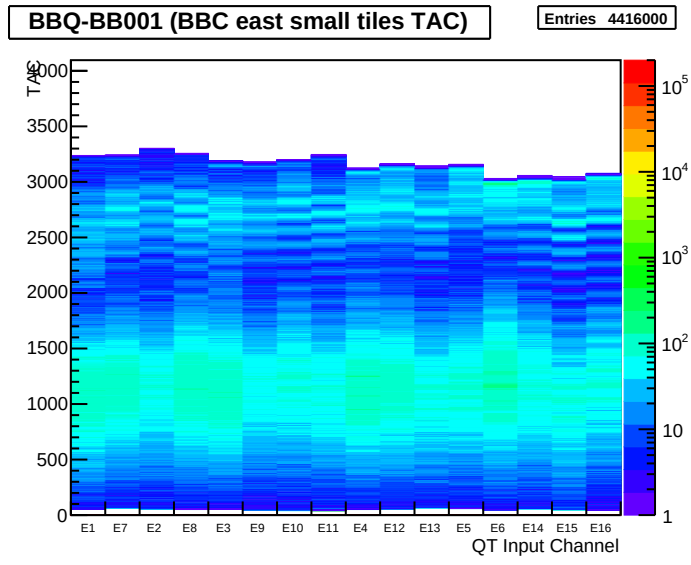

L2-TF201
Entries 276000
TOF total mult

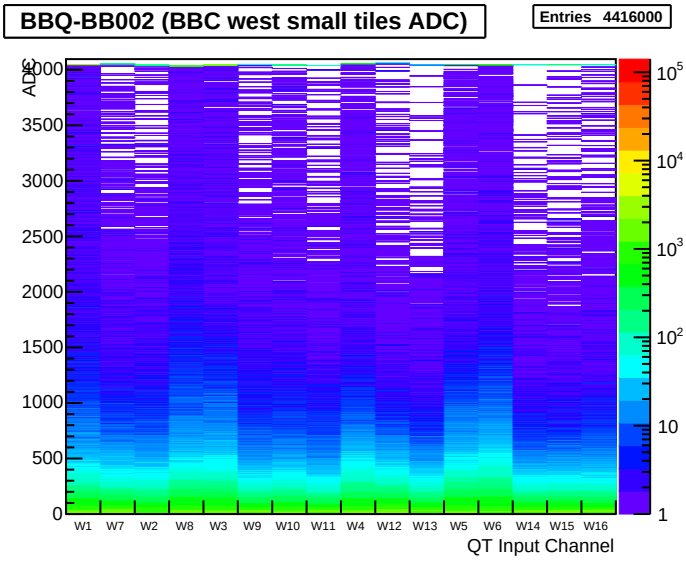

L2-TF201
Entries 0
TOF total mult(Real-Simu)

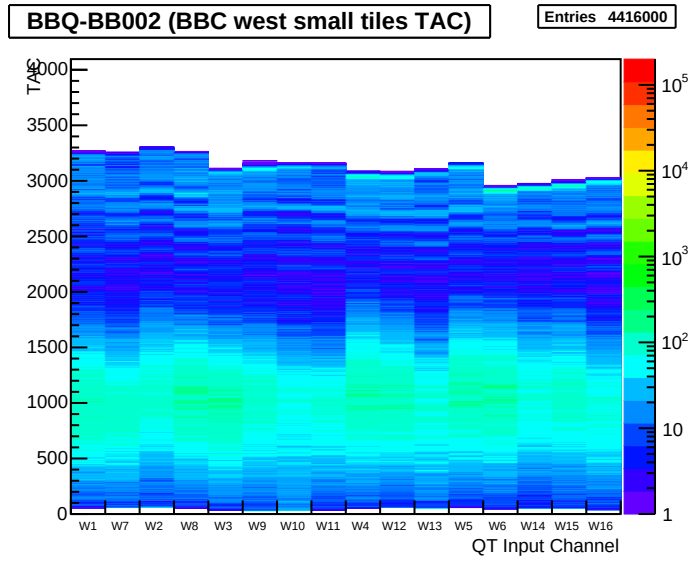

L2-TF201
Entries 1932000
Threshold/UPC bits
242555
244954
242738
244682
243657
240733
263592
33445
31046
33262
31318
32343
35267
12408
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

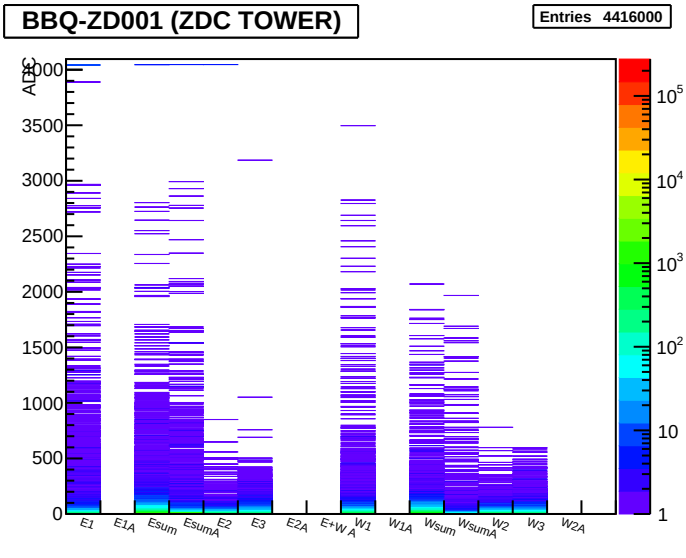

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

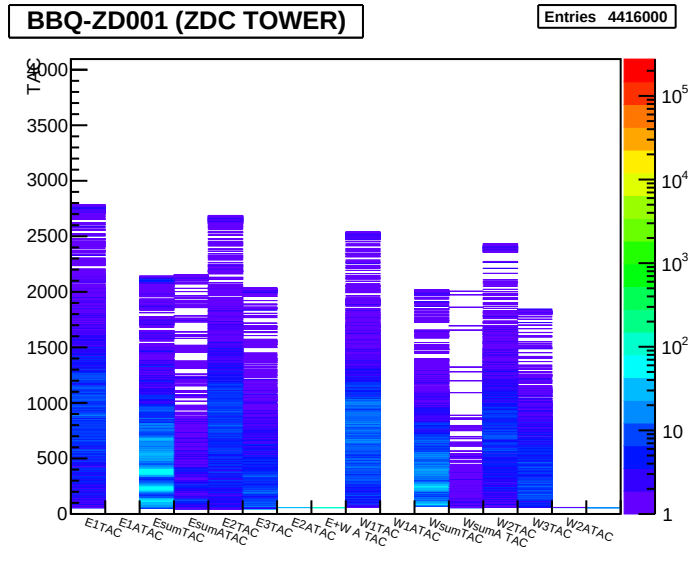

BBQ-BB001 (BBC east small tiles ADC)
Entries 4416000
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

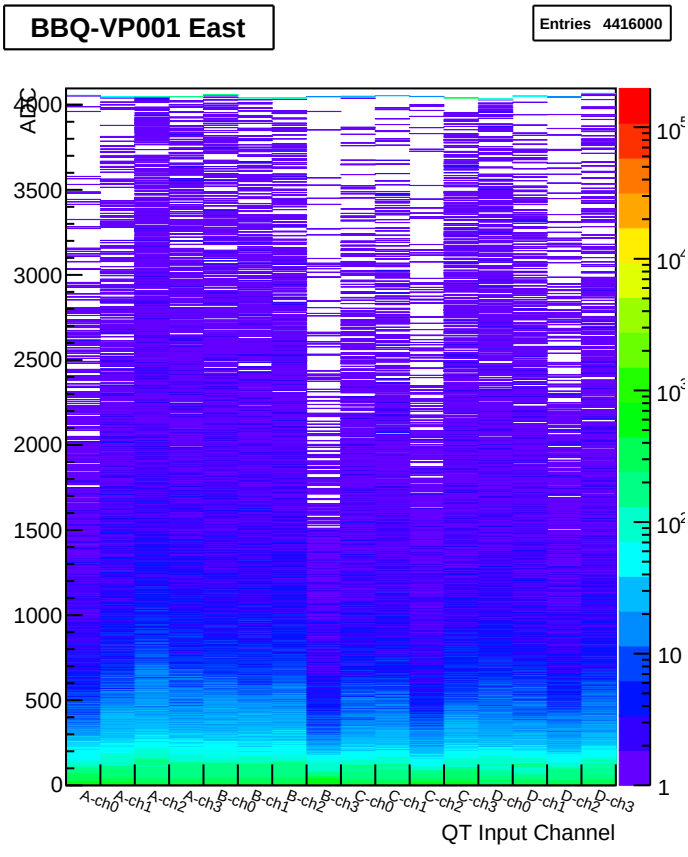

BBQ-BB001 (BBC east small tiles TAC)
Entries 4416000
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

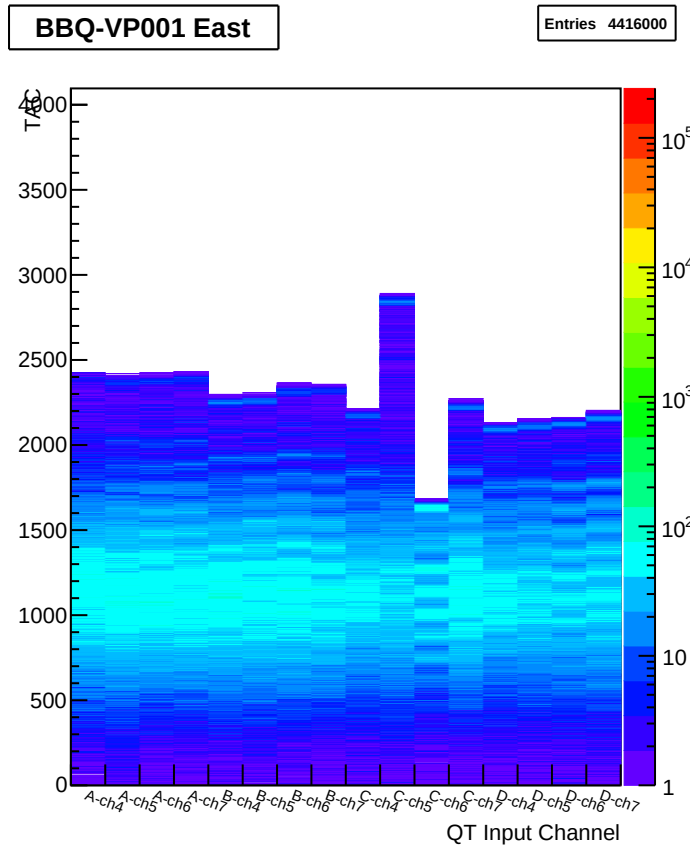

BBQ-BB002 (BBC west small tiles ADC)
Entries 4416000
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

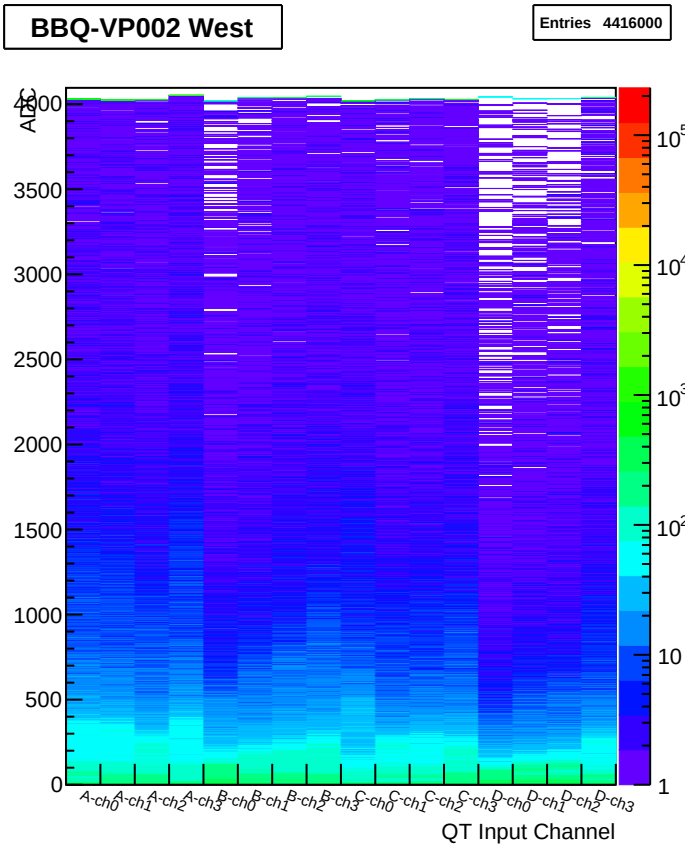

BBQ-BB002 (BBC west small tiles TAC)
Entries 4416000
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

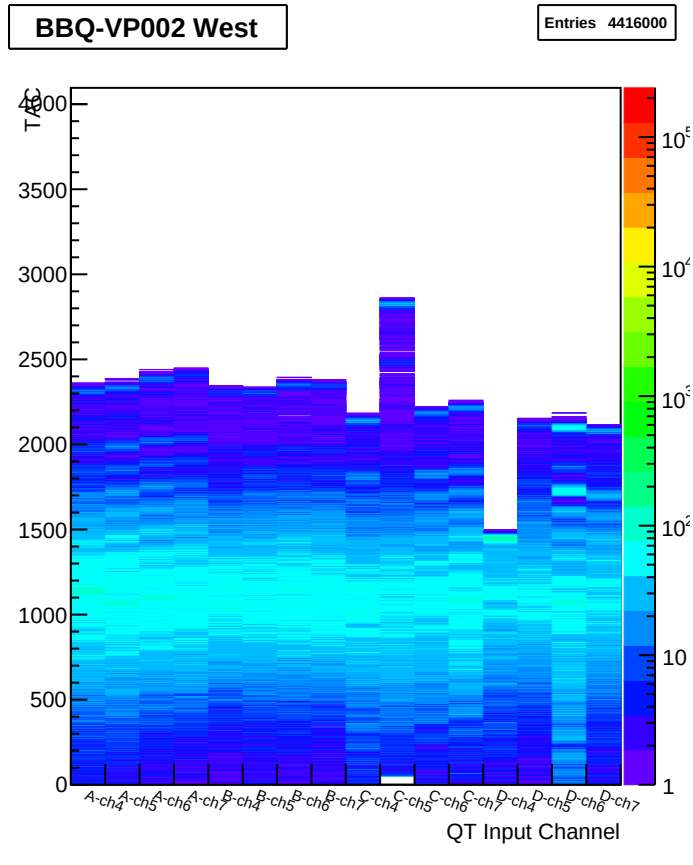

BBQ-ZD001 (ZDC TOWER)
Entries 4416000
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

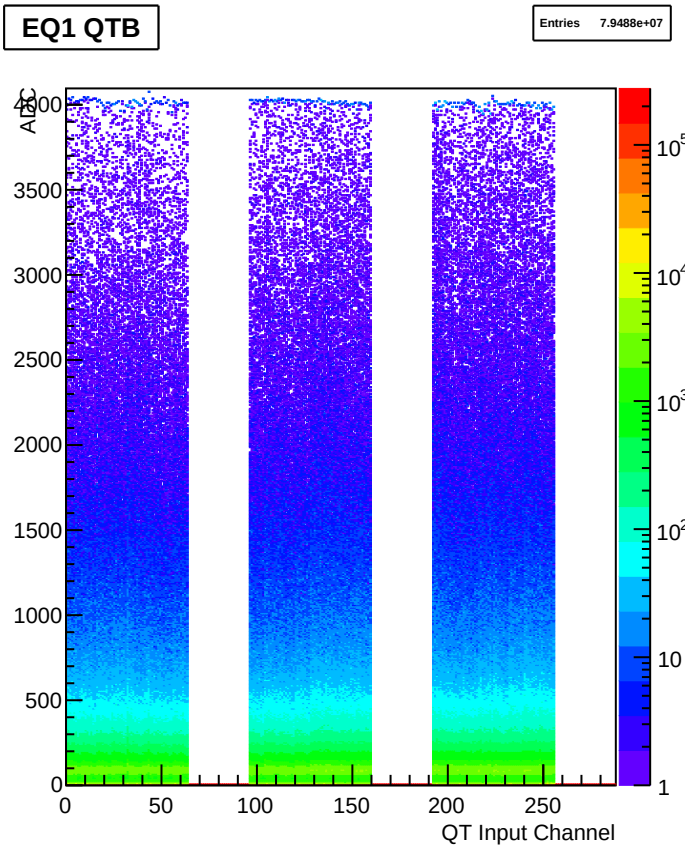

BBQ-ZD001 (ZDC TOWER)
Entries 4416000
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

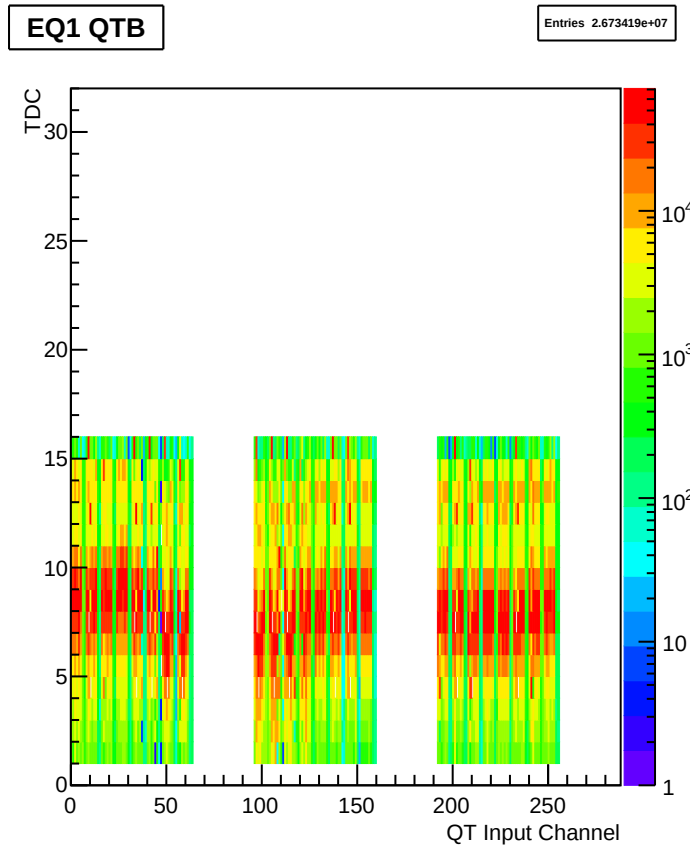

BBQ-VP001 East
Entries 4416000
ADC
QT Input Channel

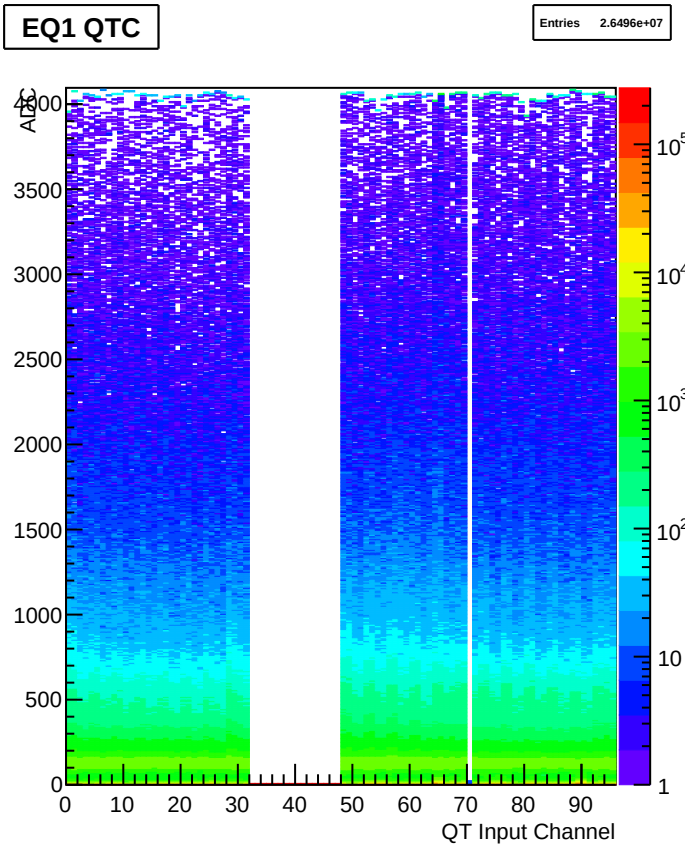

BBQ-VP001 East
Entries 4416000
TADC
QT Input Channel

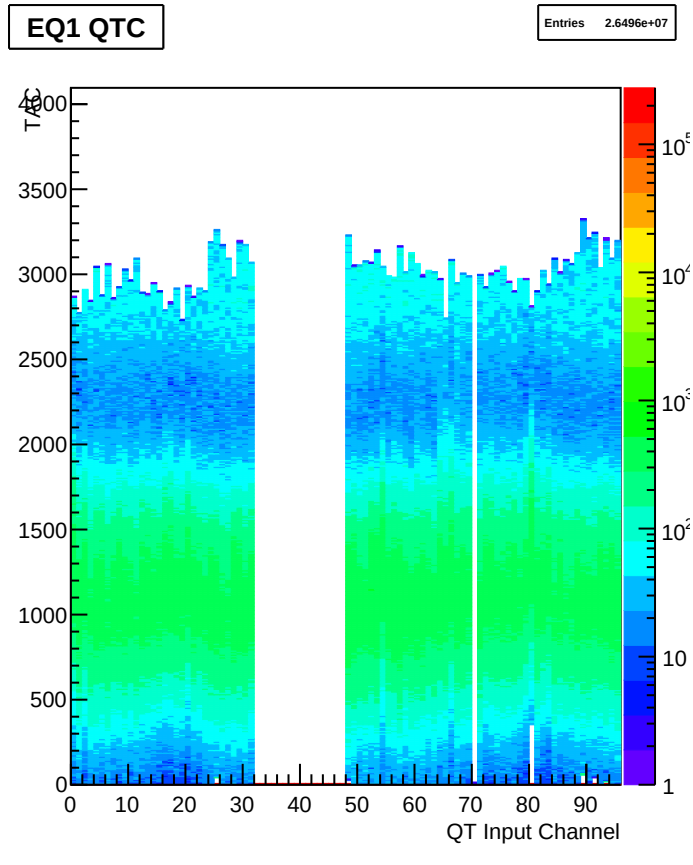

BBQ-VP002 West
Entries 4416000
ADC
QT Input Channel

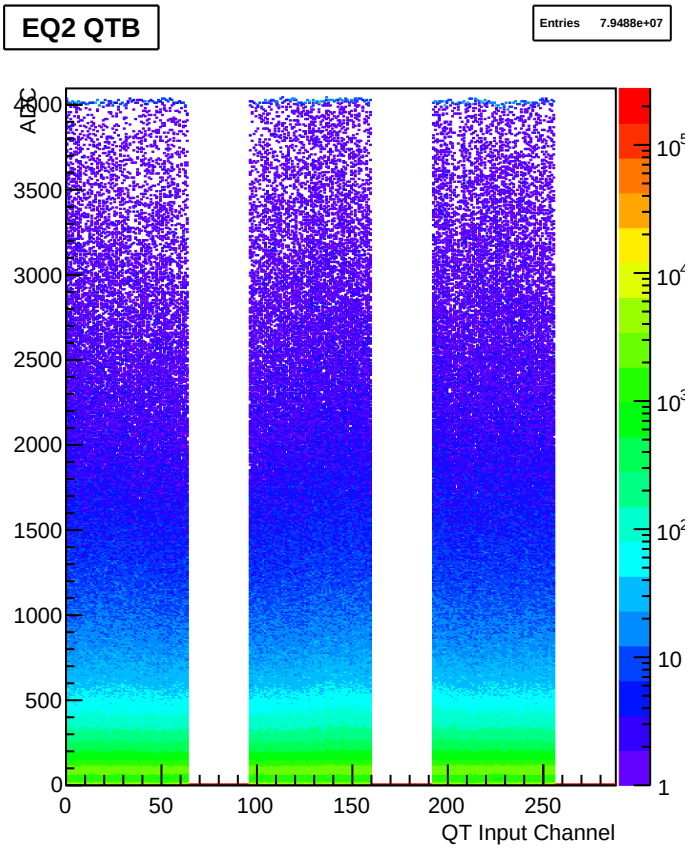

BBQ-VP002 West
Entries 4416000
TADC
QT Input Channel

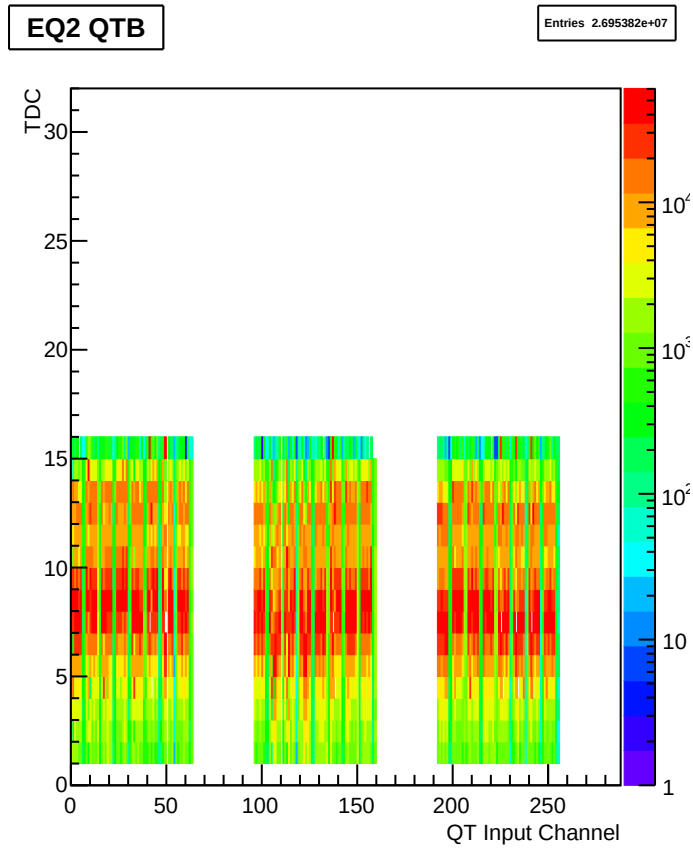

EQ1 QTB
Entries 7.9488e+07
ADC
QT Input Channel

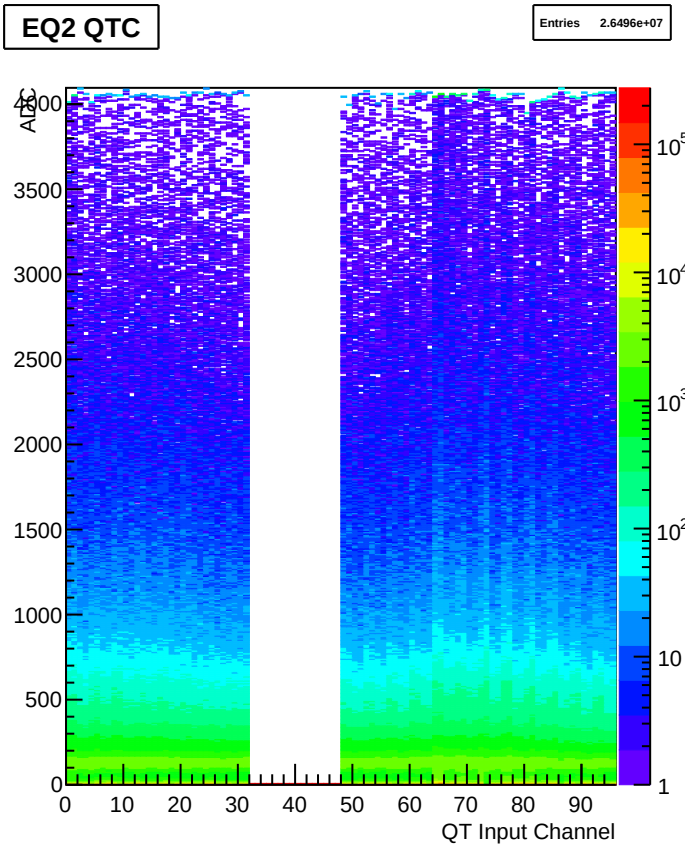

EQ1 QTB
Entries 2.673419e+07
TDC
QT Input Channel

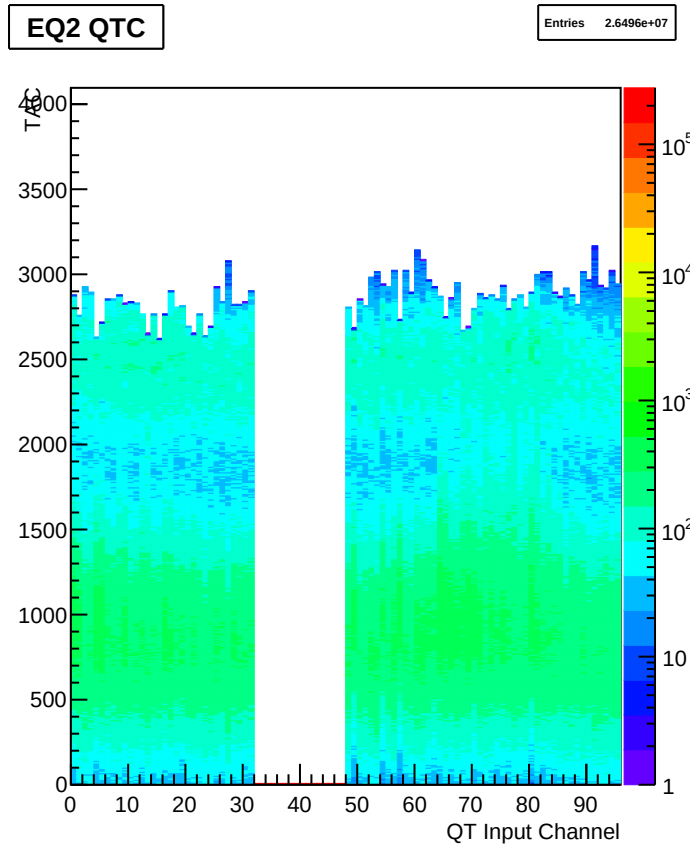

EQ1 QTC
Entries 2.6496e+07
ADC
QT Input Channel

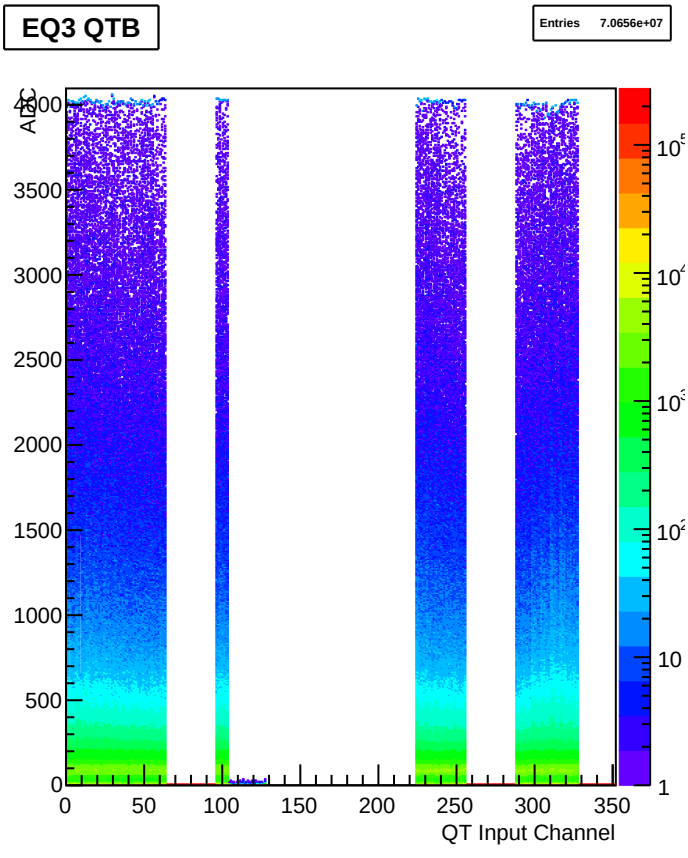

EQ1 QTC
Entries 2.6496e+07
TADC
QT Input Channel

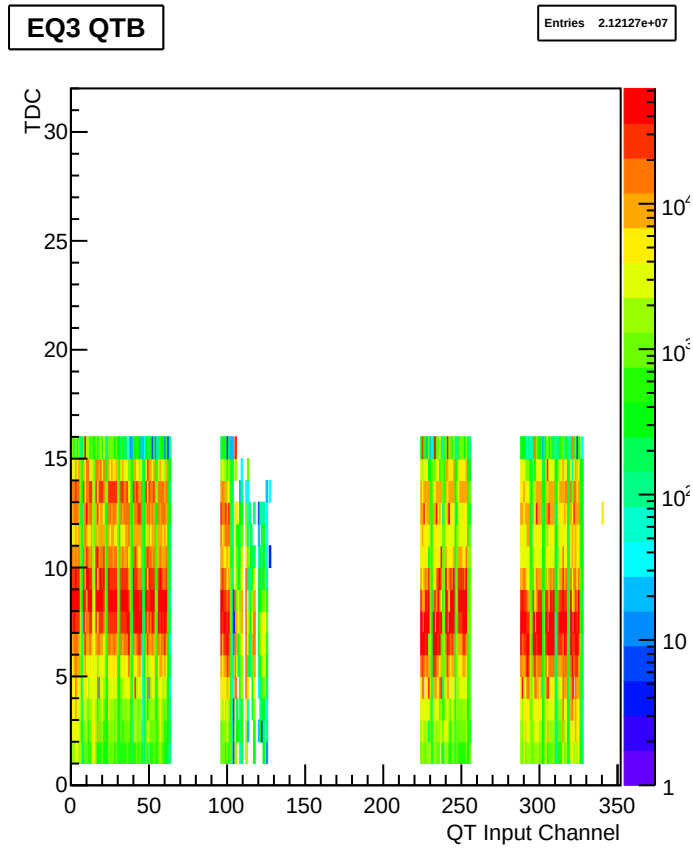

EQ2 QTB
Entries 7.9488e+07
ADC
QT Input Channel

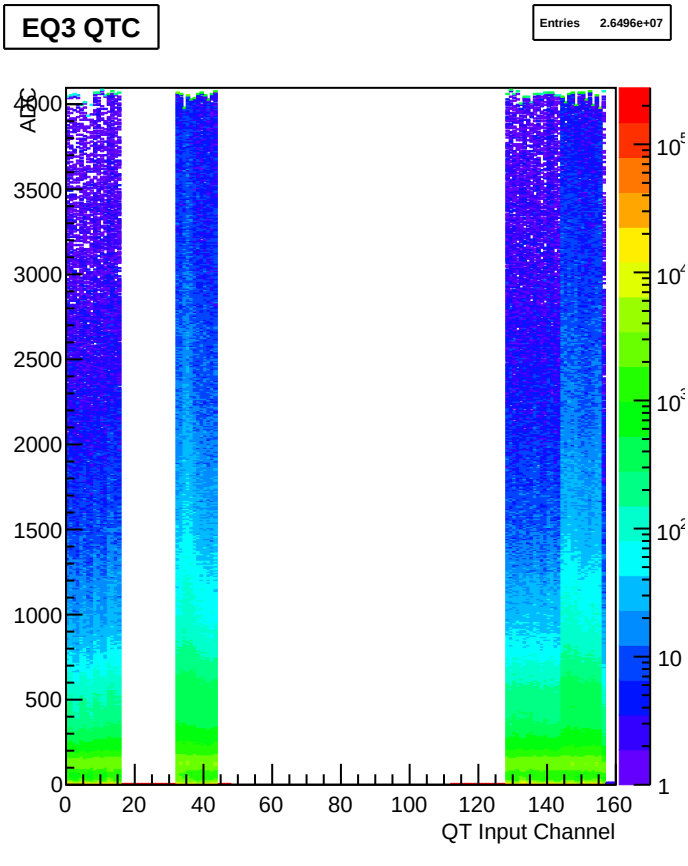

EQ2 QTB
Entries 2.695382e+07
TDC
QT Input Channel

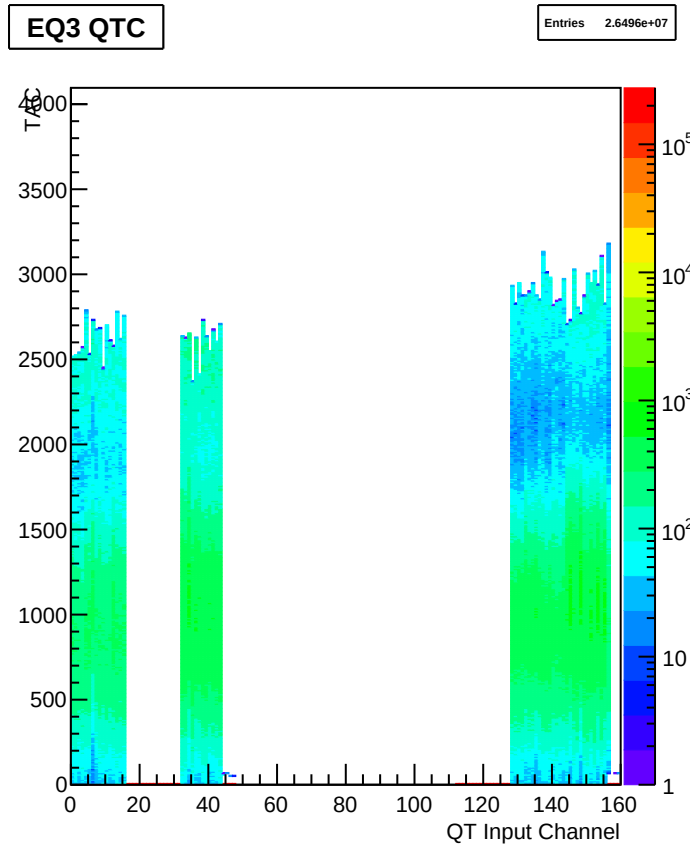

EQ2 QTC
Entries 2.6496e+07
ADC
QT Input Channel

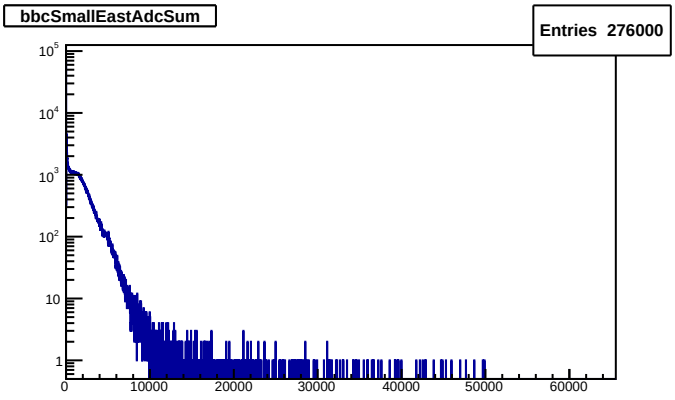

EQ2 QTC
Entries 2.6496e+07
TADC
QT Input Channel

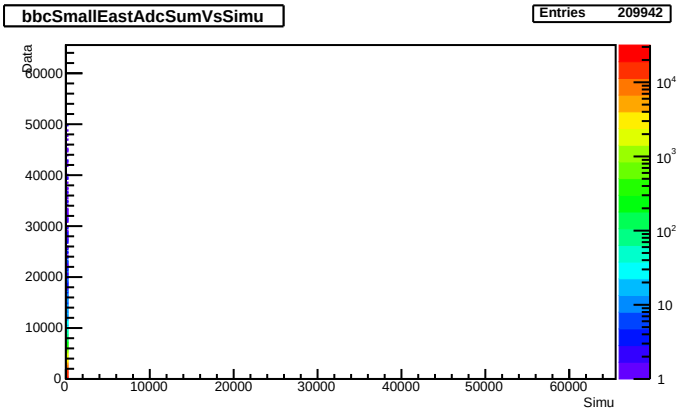

EQ3 QTB
Entries 7.0656e+07
ADC
QT Input Channel

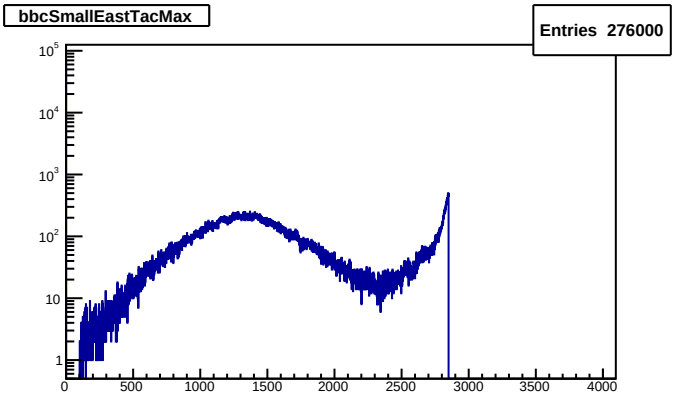

EQ3 QTB
Entries 2.12127e+07
TDC
QT Input Channel

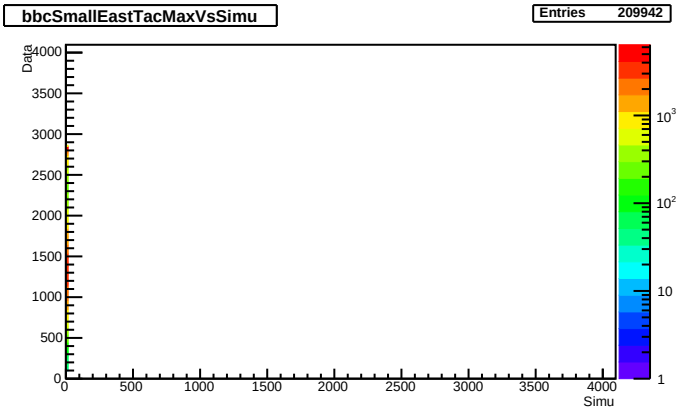

EQ3 QTC
Entries 2.6496e+07
ADC
QT Input Channel

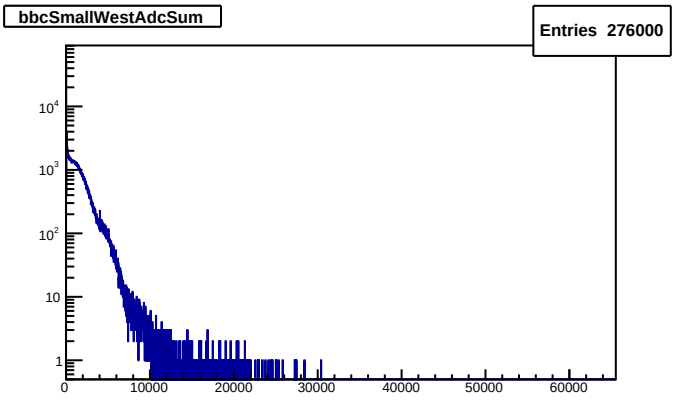

EQ3 QTC
Entries 2.6496e+07
TADC
QT Input Channel

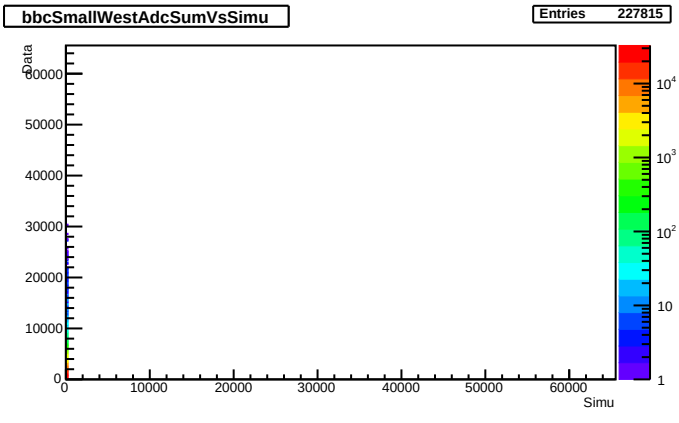

bbcSmallEastAdcSum
Entries 276000

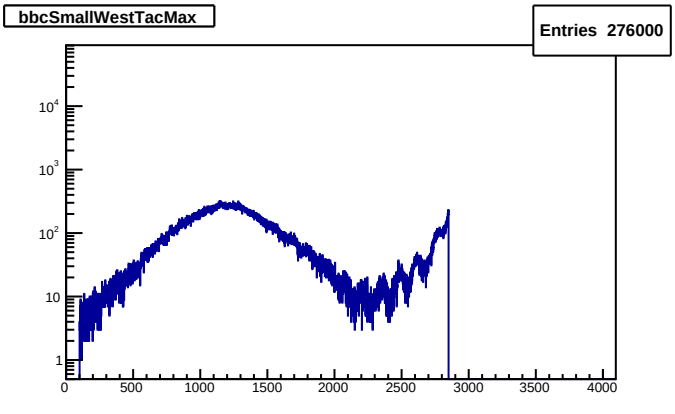

bbcSmallEastAdcSumVsSimu
Entries 209942
Data
Simu

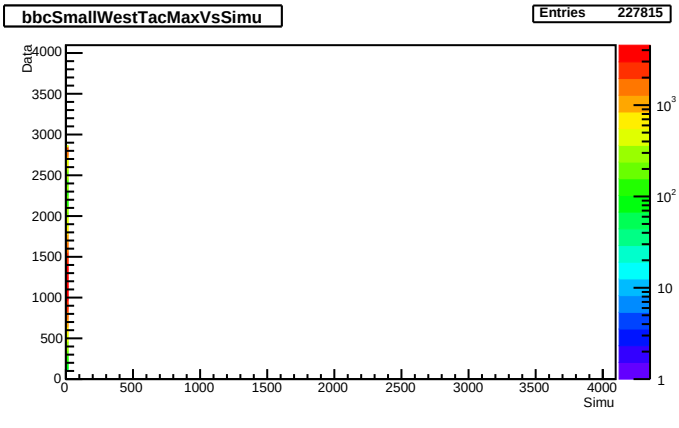

bbcSmallEastTacMax
Entries 276000

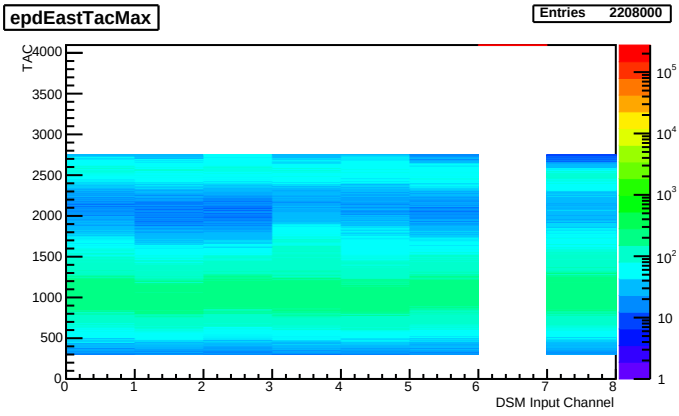

bbcSmallEastTacMaxVsSimu
Entries 209942
Data
Simu

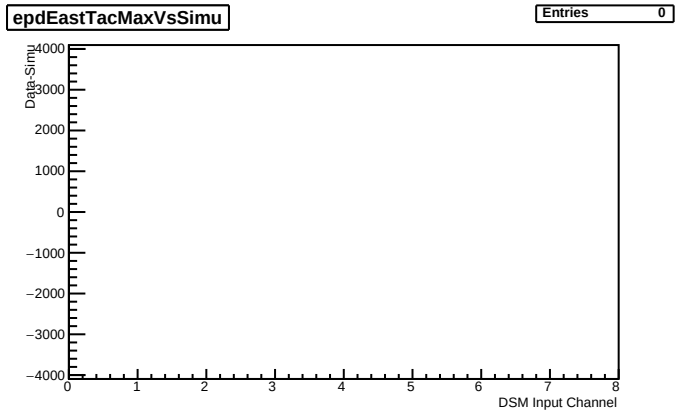

bbcSmallWestAdcSum
Entries 276000

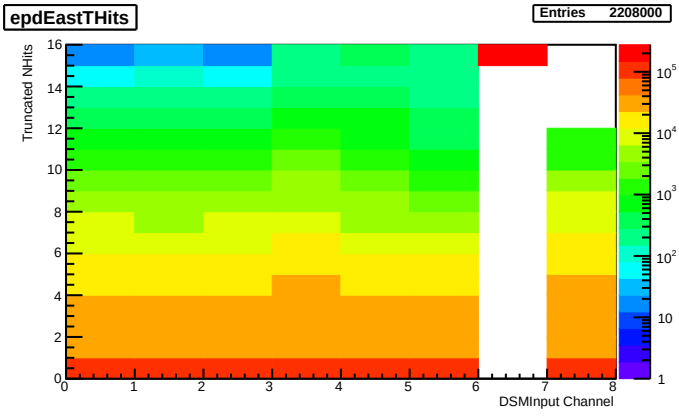

bbcSmallWestAdcSumVsSimu
Entries 227815
Data
Simu

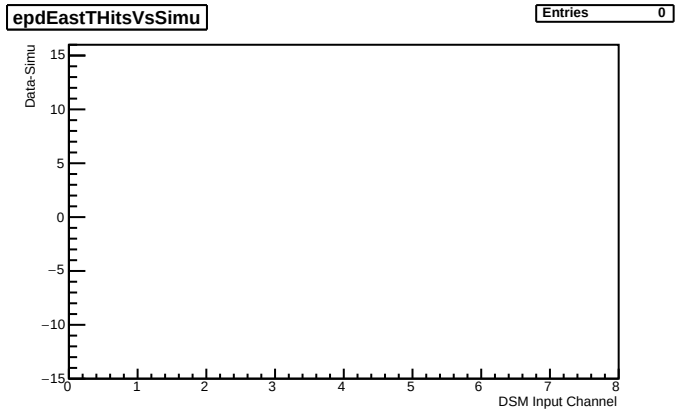

bbcSmallWestTacMax
Entries 276000

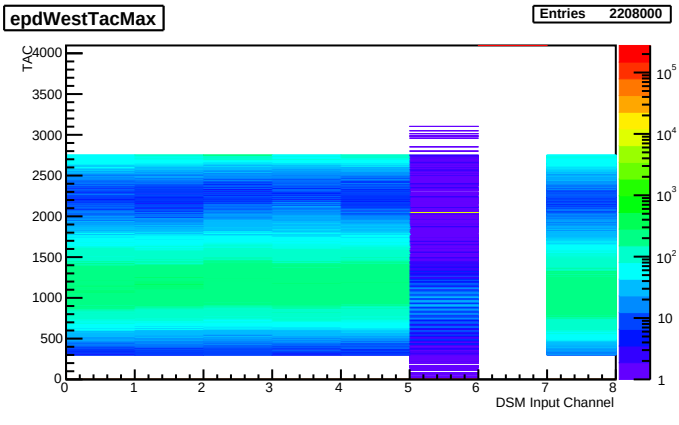

bbcSmallWestTacMaxVsSimu
Entries 227815
Data
Simu

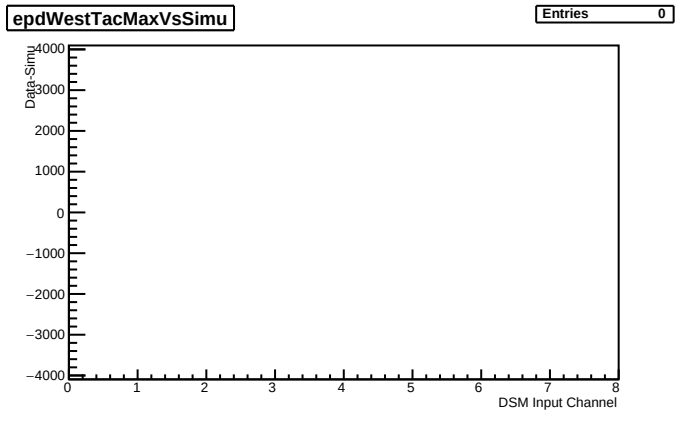

epdEastTacMax
Entries 2208000
TAC
DSM Input Channel

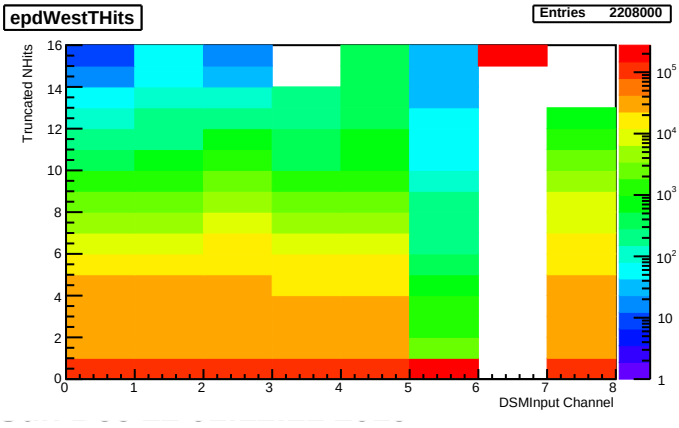

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

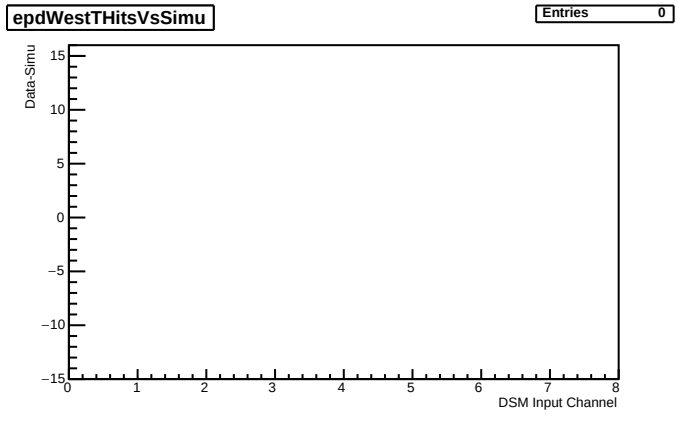

epdEastTHits
Entries 2208000
Truncated NHits
DSMInput Channel

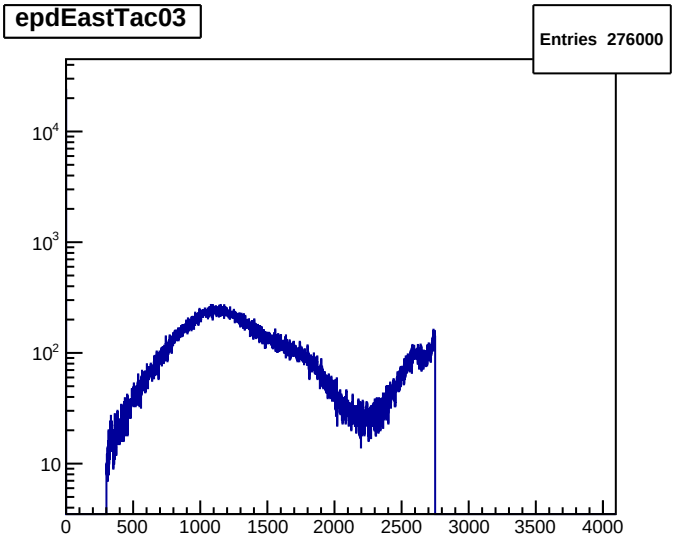

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

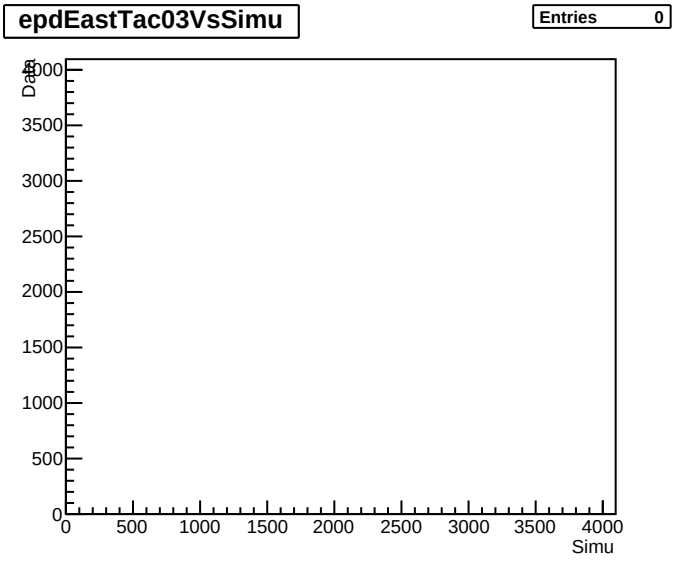

epdWestTacMax
Entries 2208000
TAC
DSM Input Channel

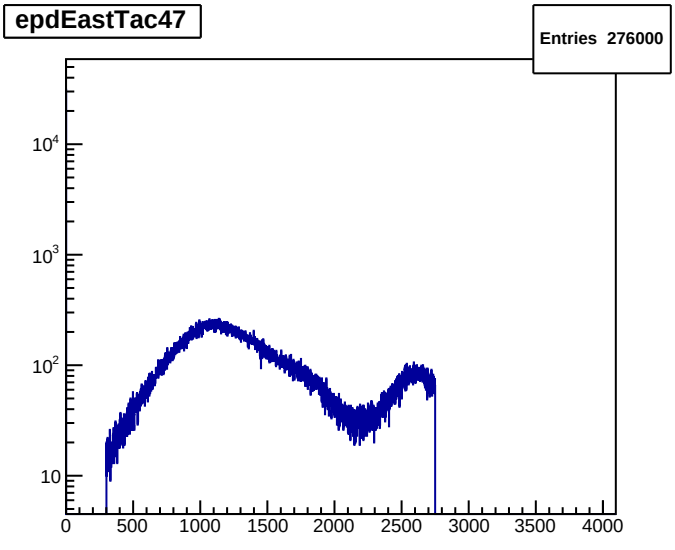

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

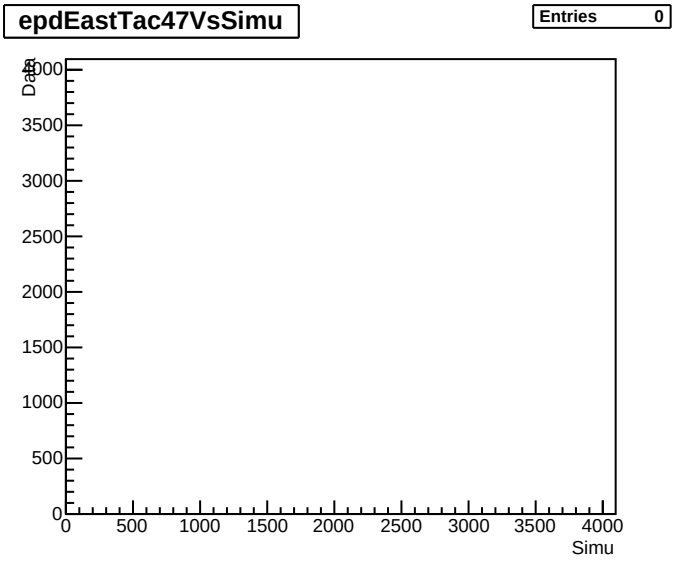

epdWestTHits
Entries 2208000
Truncated NHits
DSMInput Channel

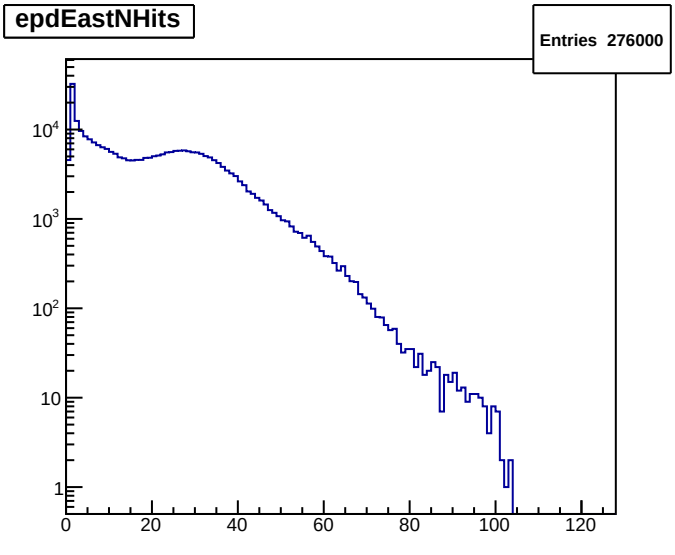

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

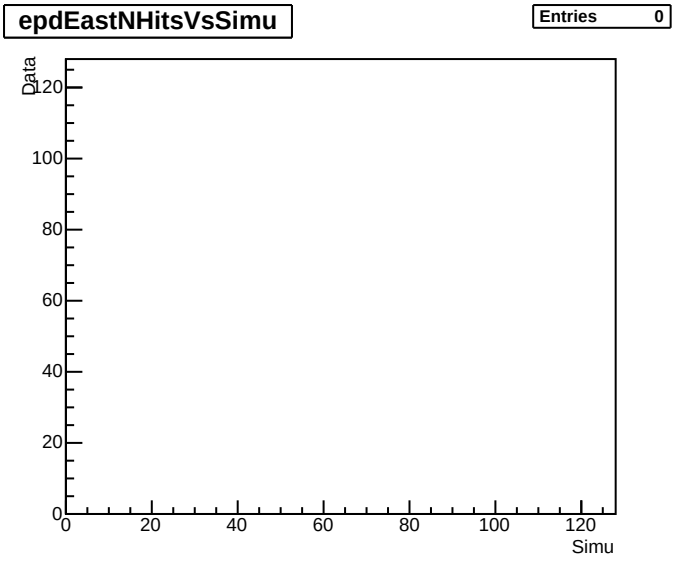

epdEastTac03
Entries 276000

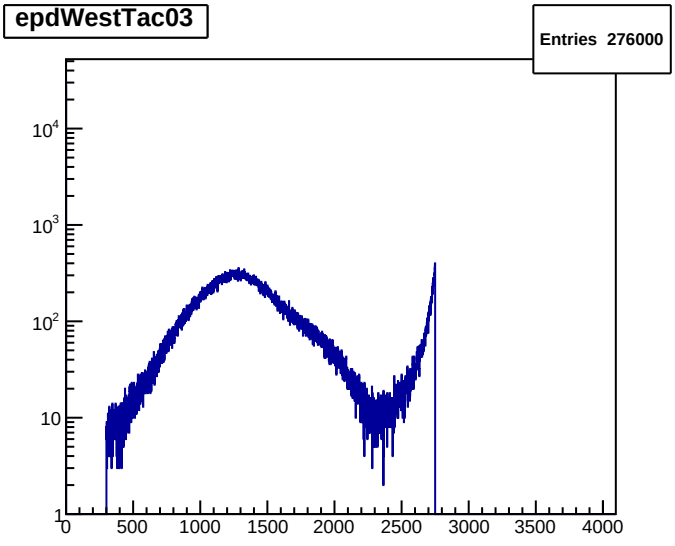

epdEastTac03VsSimu
Entries 0
Data
Simu

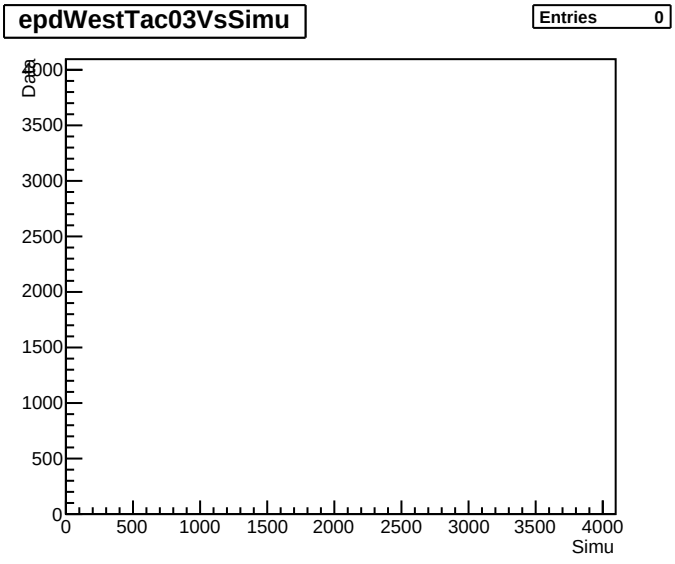

epdEastTac47
Entries 276000

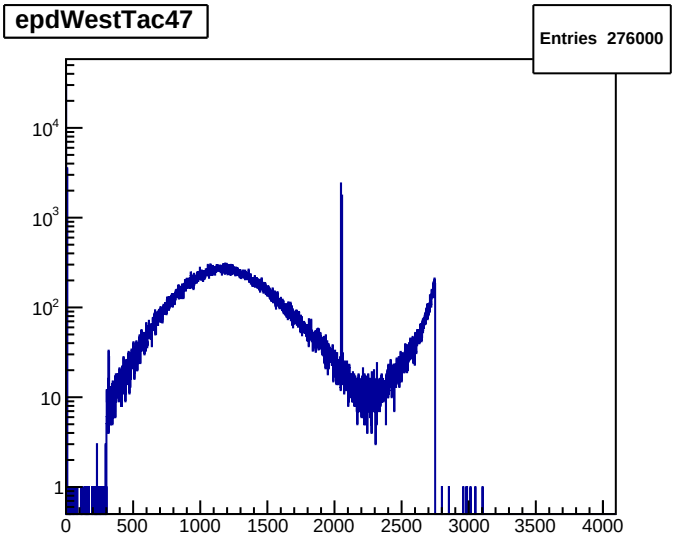

epdEastTac47VsSimu
Entries 0
Data
Simu

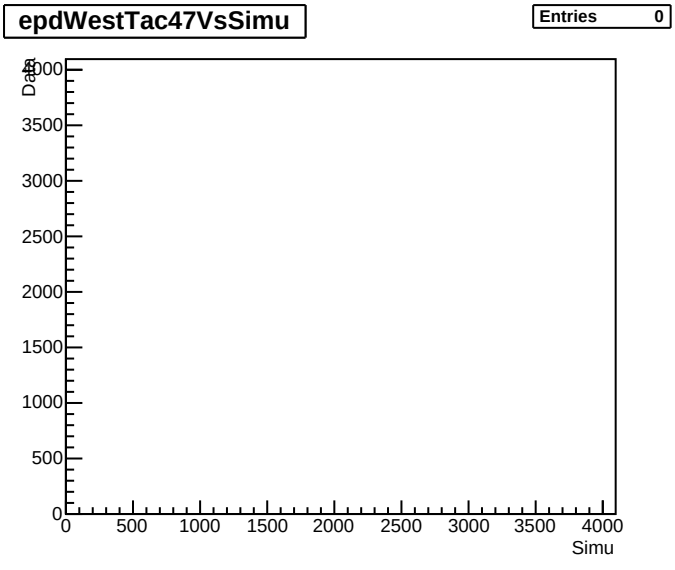

epdEastNHits
Entries 276000

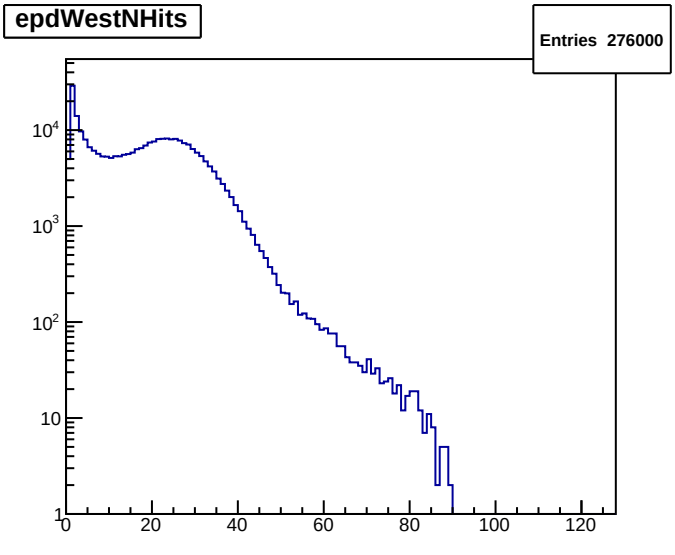

epdEastNHitsVsSimu
Entries 0
Data
Simu

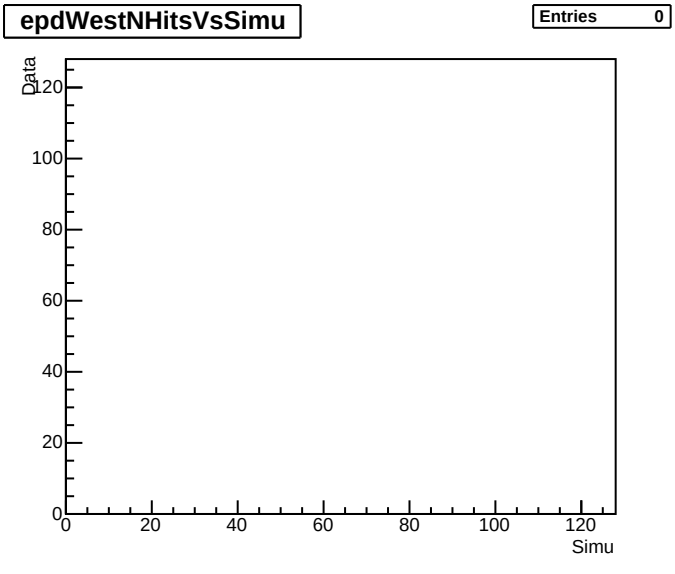

epdWestTac03
Entries 276000

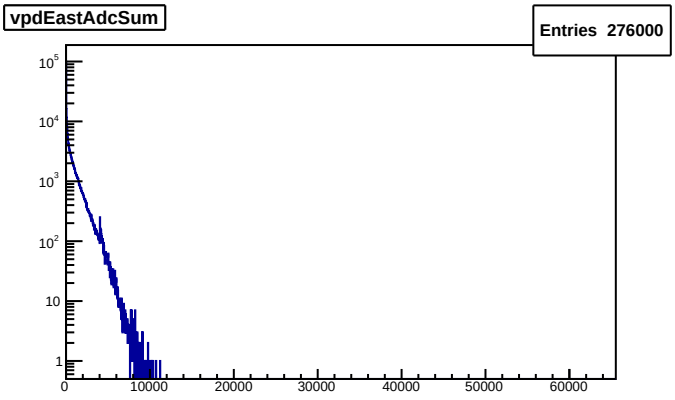

epdWestTac03VsSimu
Entries 0
Data
Simu

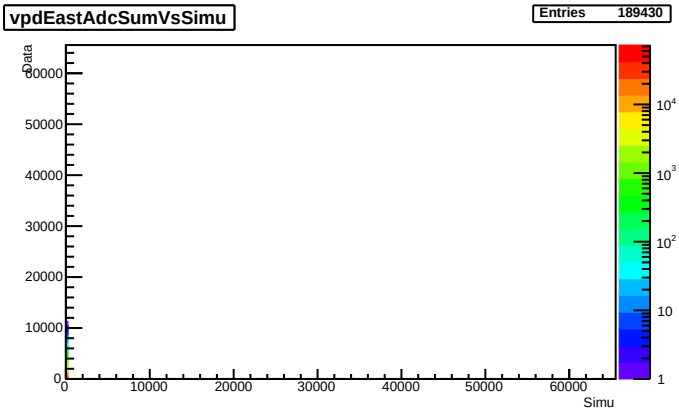

epdWestTac47
Entries 276000

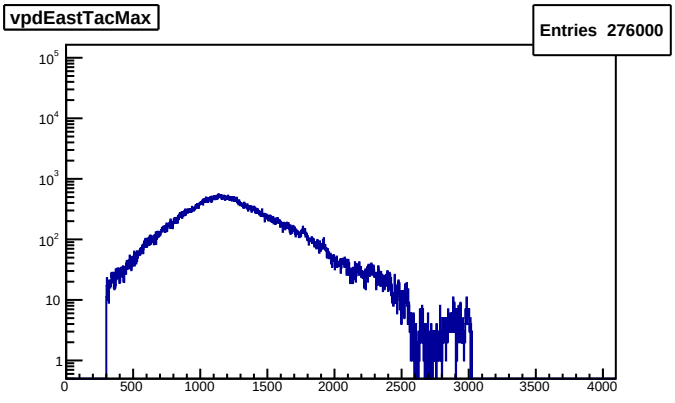

epdWestTac47VsSimu
Entries 0
Data
Simu

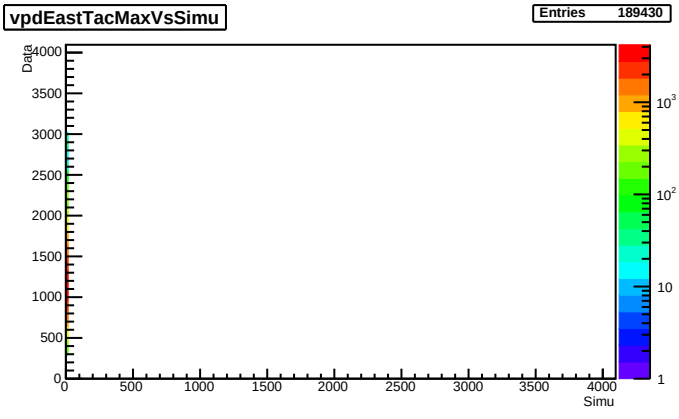

epdWestNHits
Entries 276000

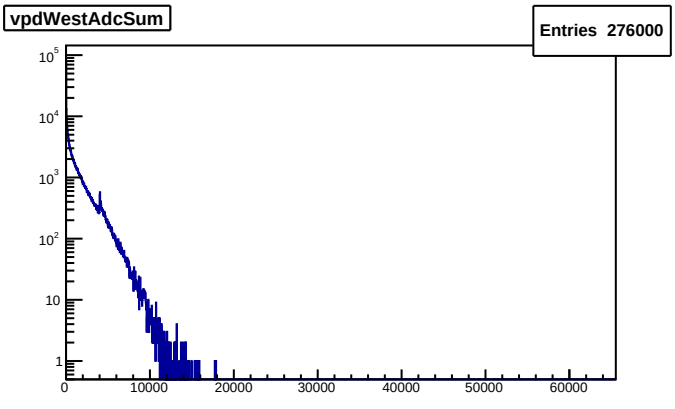

epdWestNHitsVsSimu
Entries 0
Data
Simu

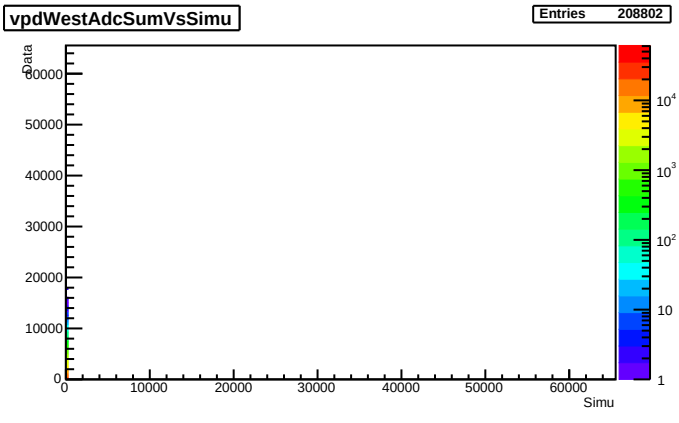

vpdEastAdcSum
Entries 276000

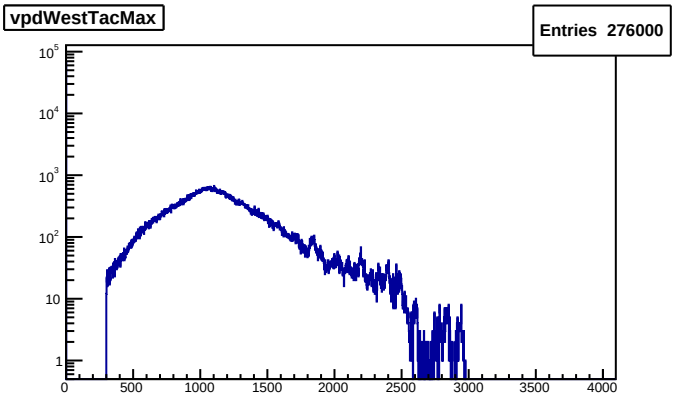

vpdEastAdcSumVsSimu
Entries 189430
Data
Simu

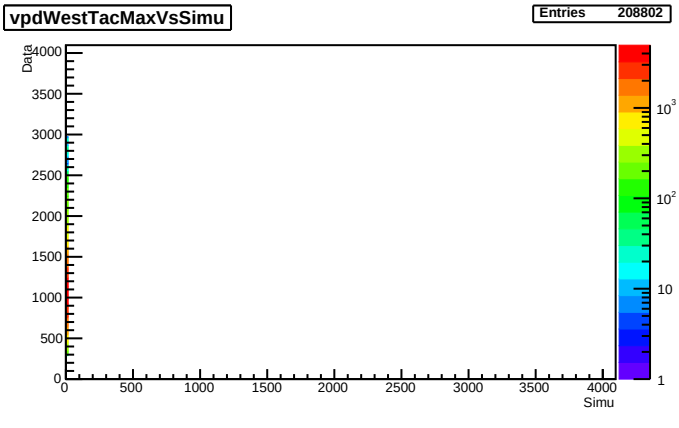

vpdEastTacMax
Entries 276000

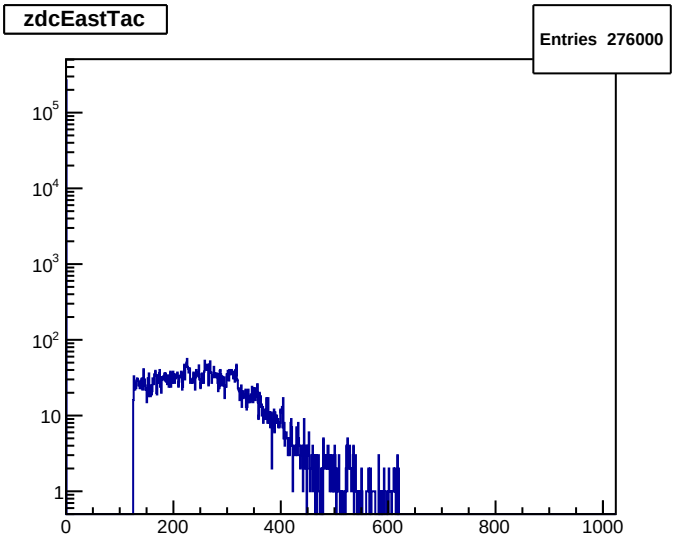

vpdEastTacMaxVsSimu
Entries 189430
Data
Simu

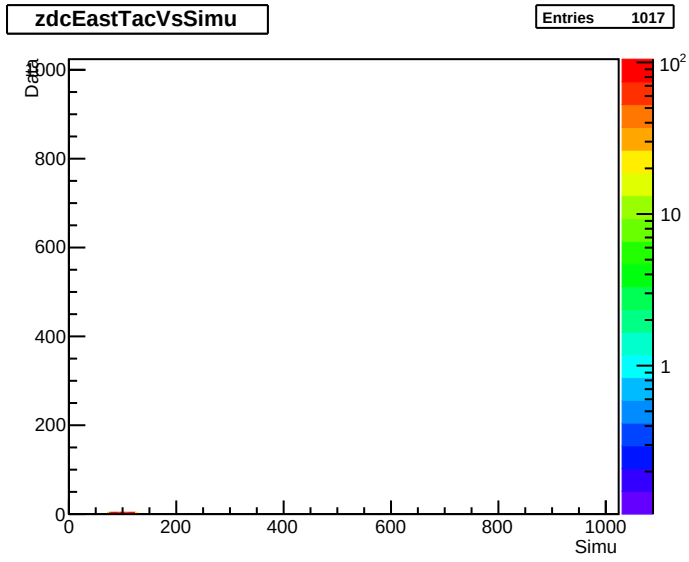

vpdWestAdcSum
Entries 276000

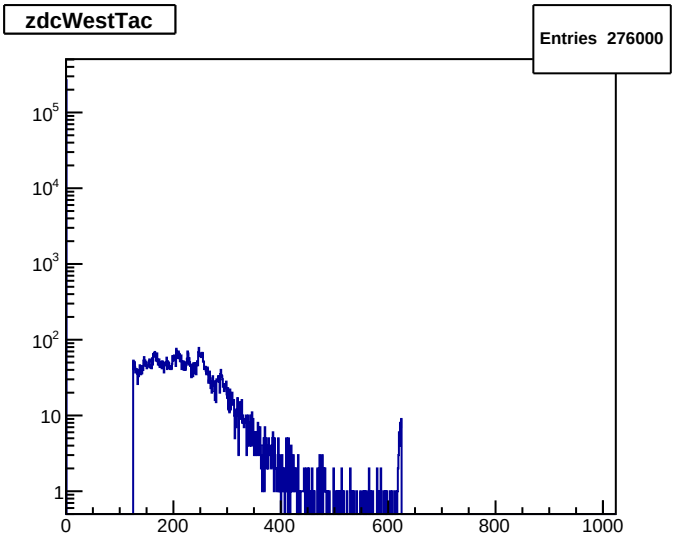

vpdWestAdcSumVsSimu
Entries 208802
Data
Simu

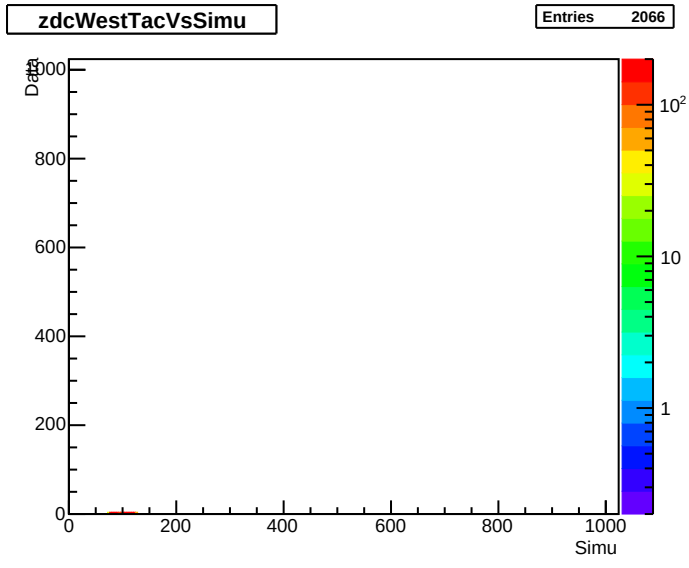

vpdWestTacMax
Entries 276000

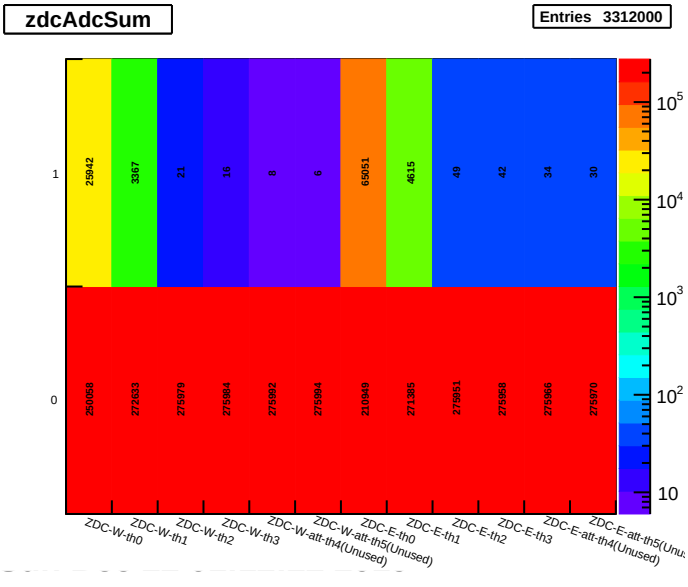

vpdWestTacMaxVsSimu
Entries 208802
Data
Simu

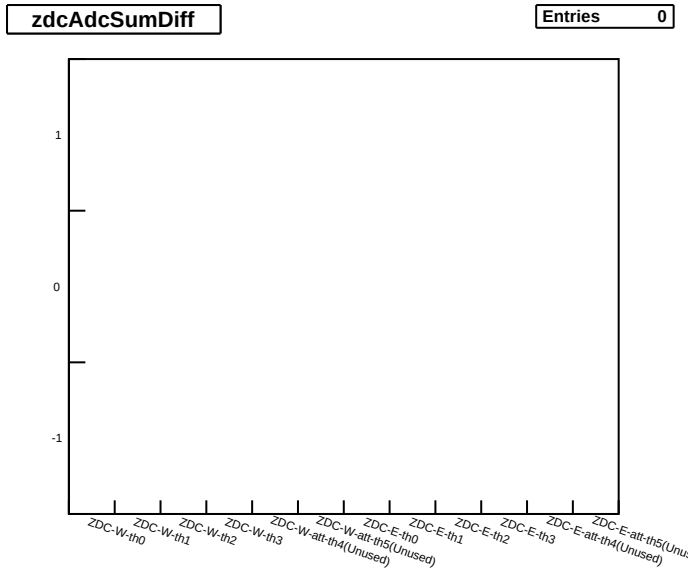

zdcEastTac
Entries 276000

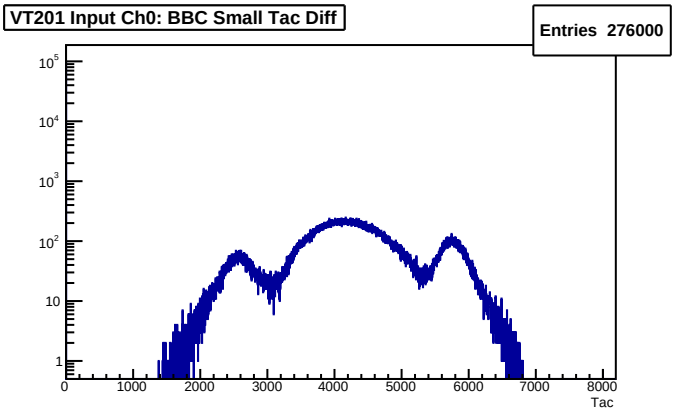

zdcEastTacVsSimu
Entries 1017
Data
Simu

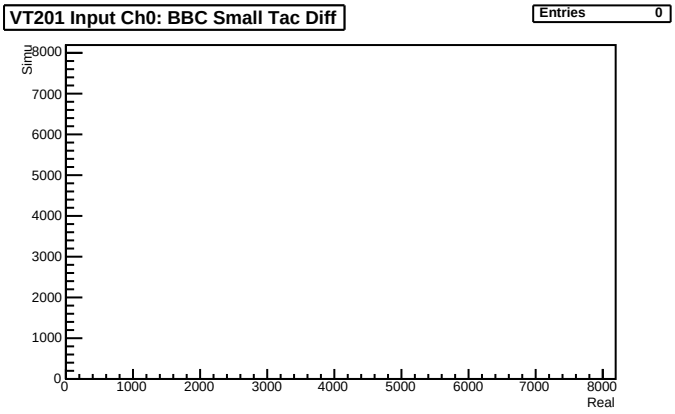

zdcWestTac
Entries 276000

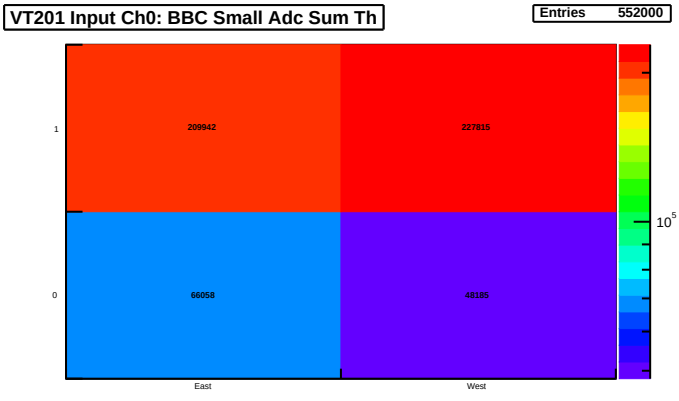

zdcWestTacVsSimu
Entries 2066
Data
Simu

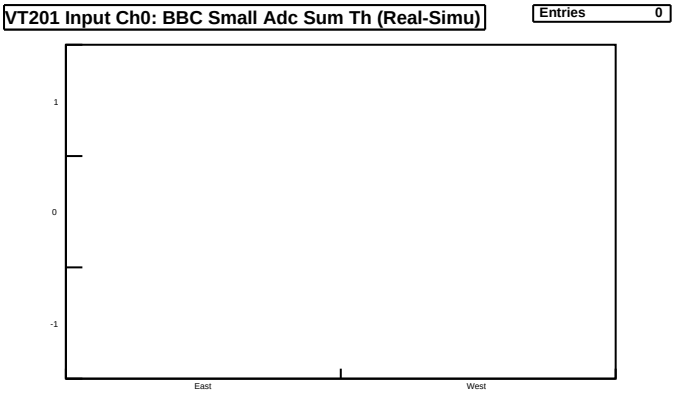

zdcAdcSum
Entries 3312000
25942
3367
21
16
8
6
65051
4615
49
42
34
30
250658
272633
275979
275984
275992
275994
210949
271385
275951
275958
275966
275970
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

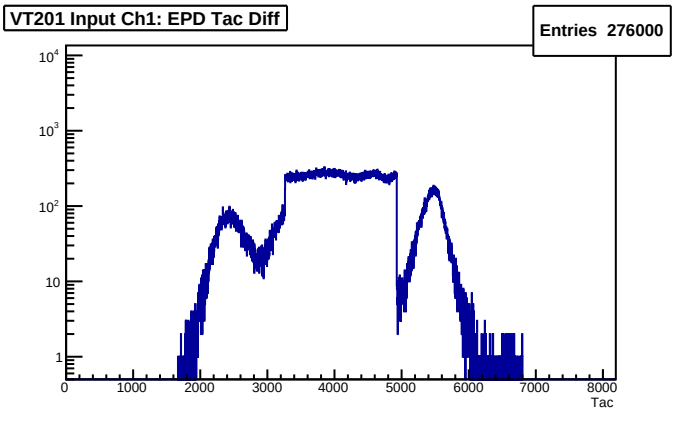

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

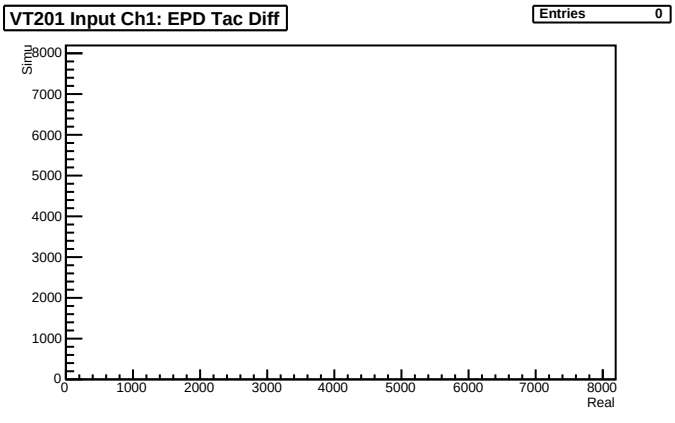

VT201 Input Ch0: BBC Small Tac Diff
Entries 276000
Tac

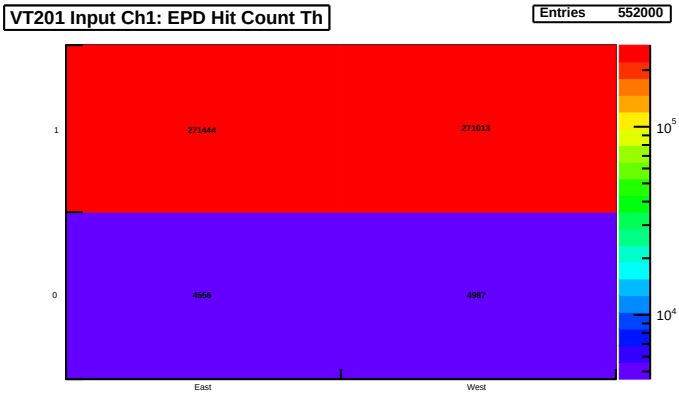

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

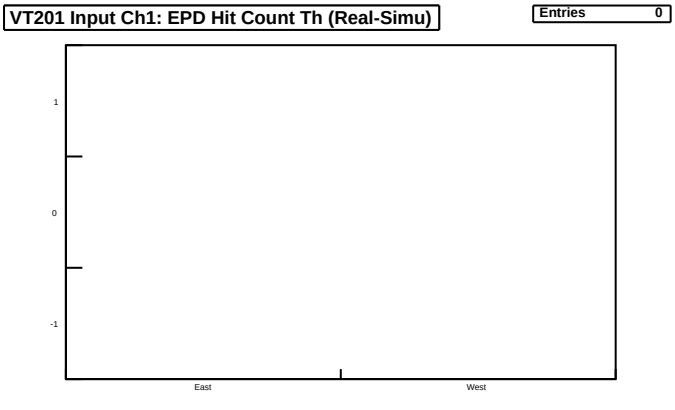

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 552000
209942
227815
66058
48185
East
West

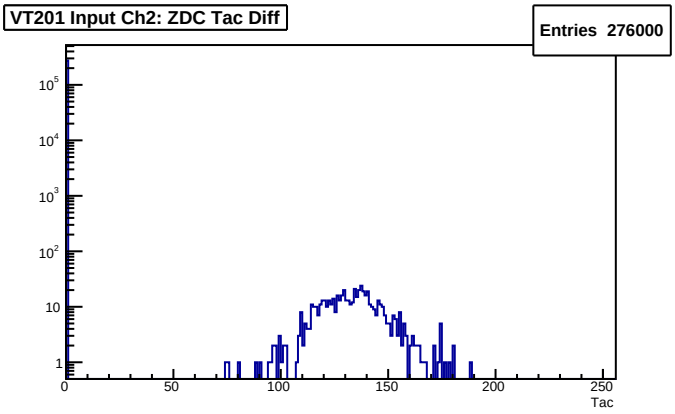

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

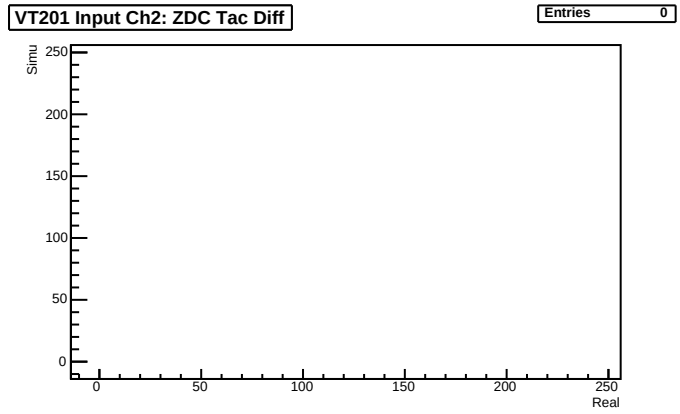

VT201 Input Ch1: EPD Tac Diff
Entries 276000
Tac

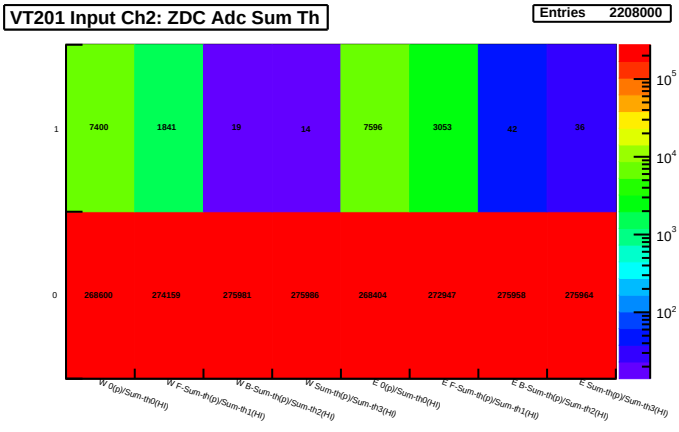

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

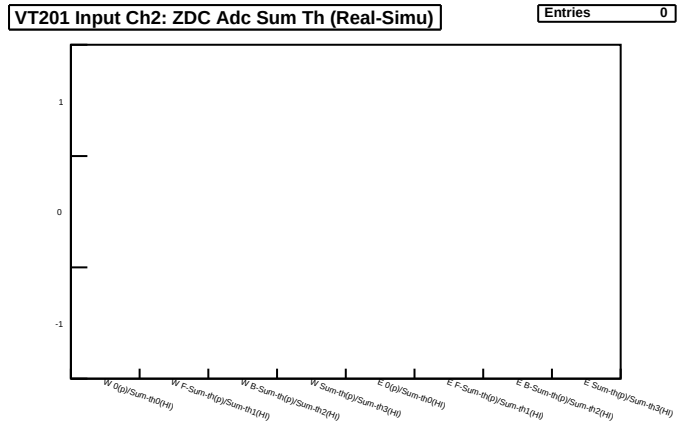

VT201 Input Ch1: EPD Hit Count Th
Entries 552000
271444
271013
4556
4987
East
West

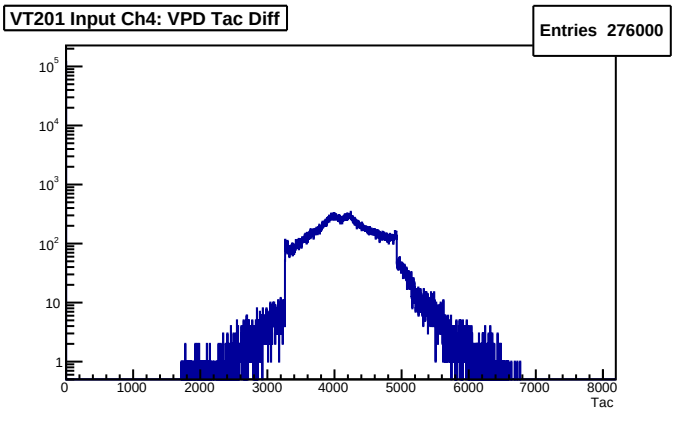

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

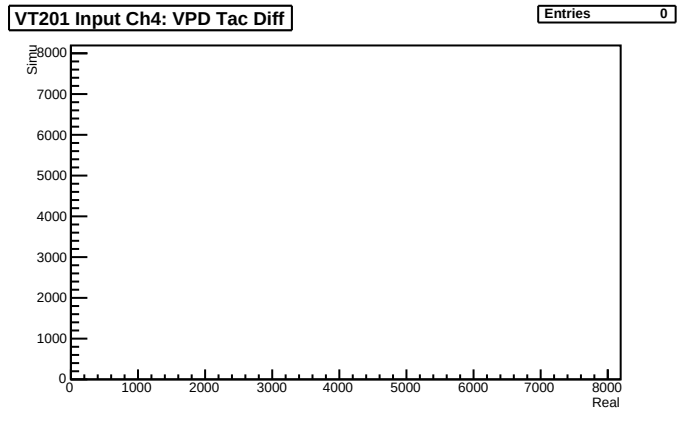

VT201 Input Ch2: ZDC Tac Diff
Entries 276000
Tac

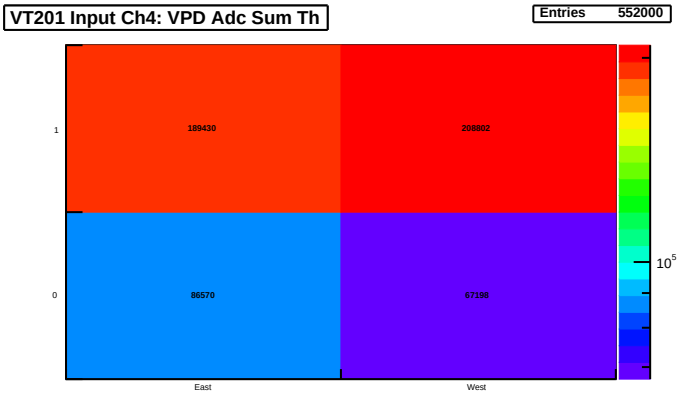

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

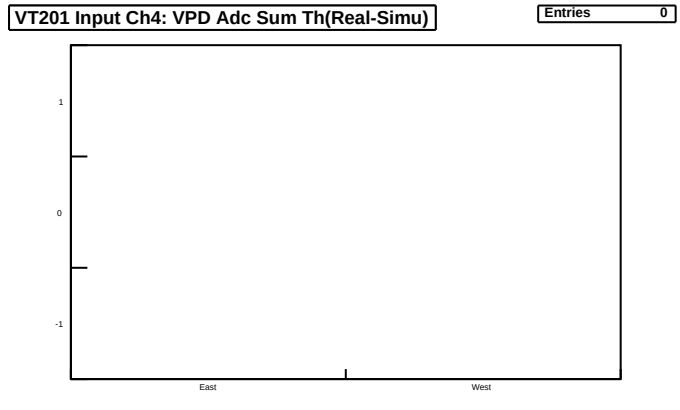

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2208000
7400
1841
19
14
7596
3053
42
36
268600
274159
275981
275986
268404
272947
275958
275964
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

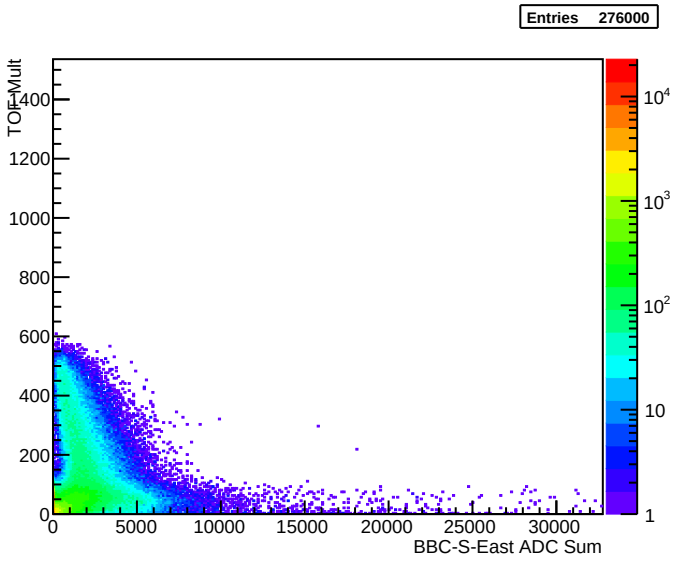

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

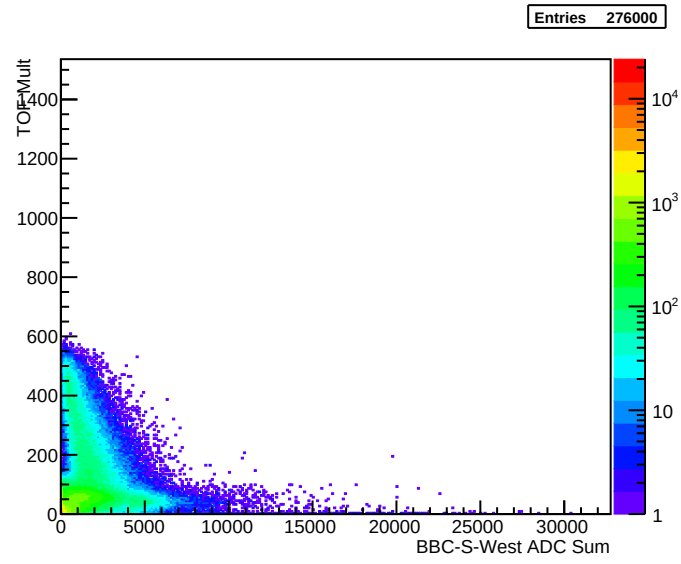

VT201 Input Ch4: VPD Tac Diff
Entries 276000
Tac

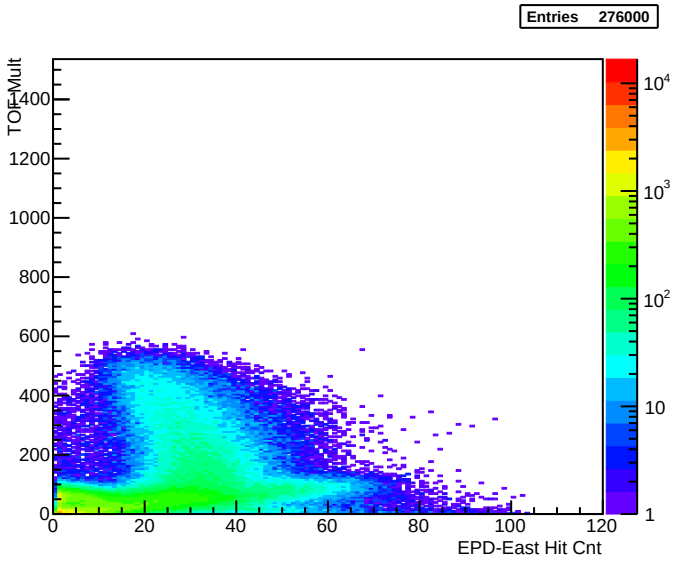

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

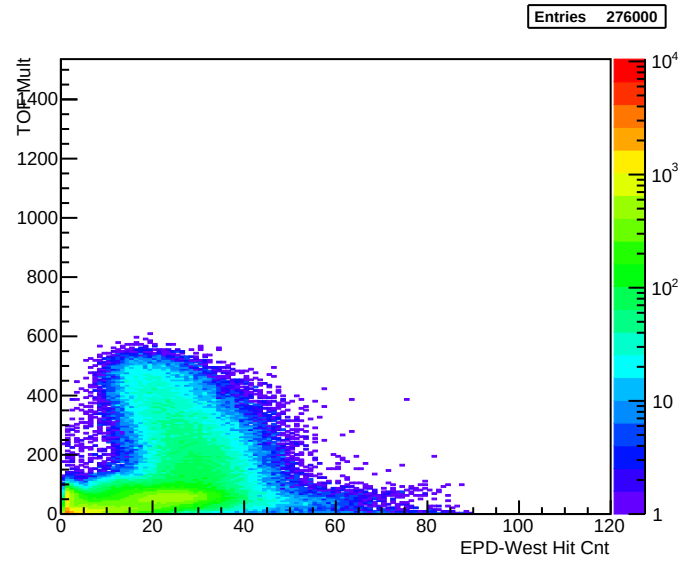

VT201 Input Ch4: VPD Adc Sum Th
Entries 552000
189430
208802
86570
67198
East
West

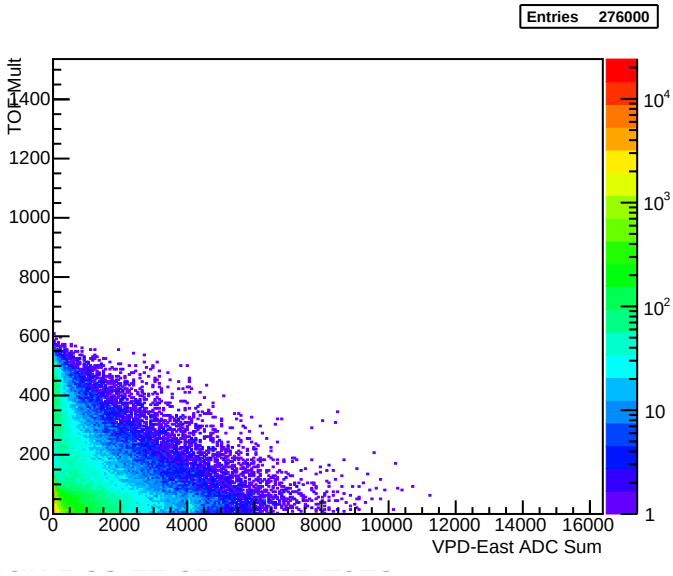

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

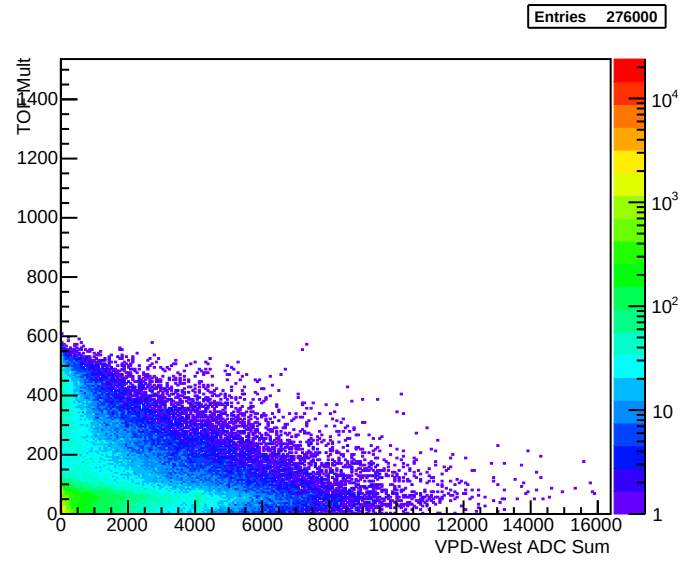

Entries 276000
TOF-Mult
BBC-S-East ADC Sum

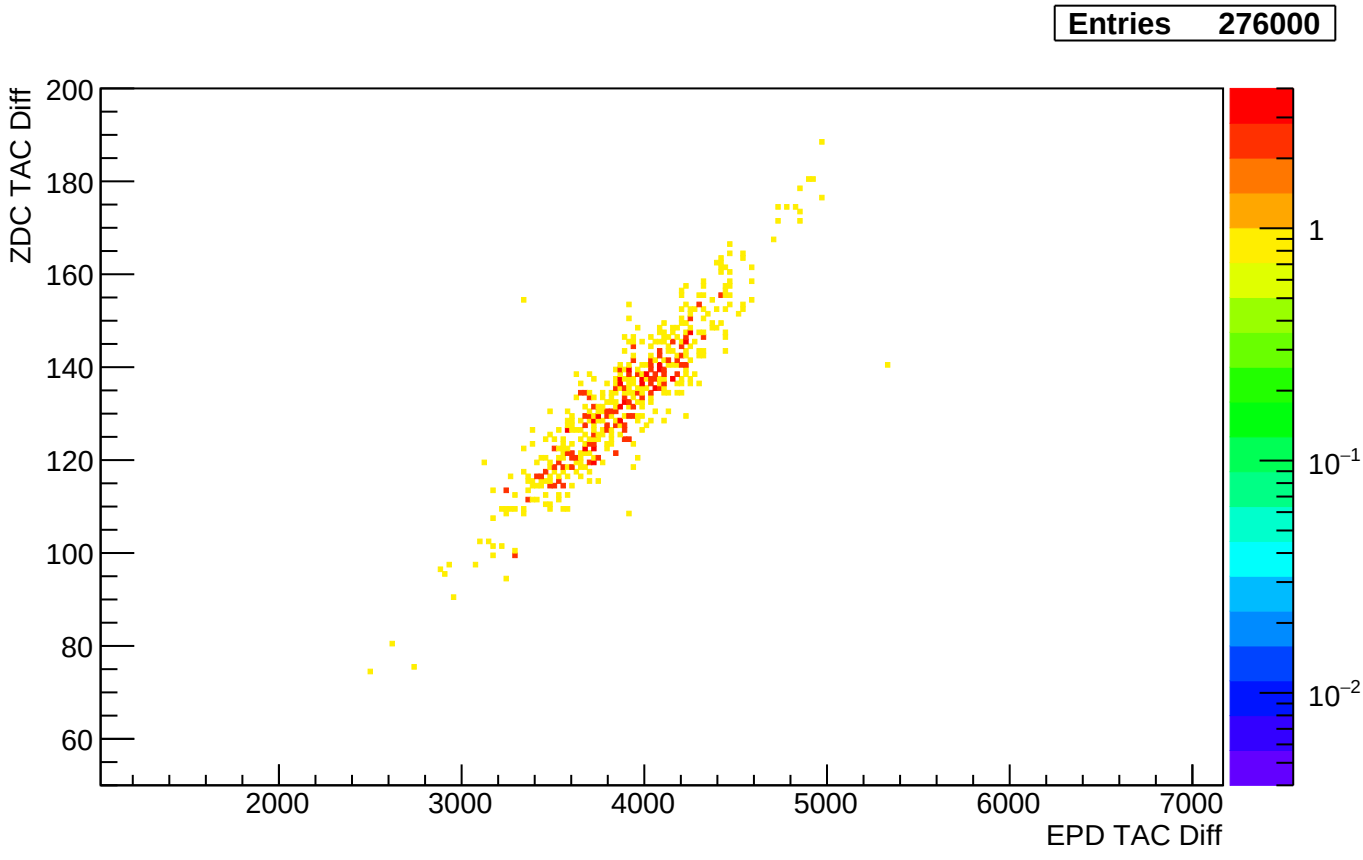

Entries 276000
TOF-Mult
BBC-S-West ADC Sum

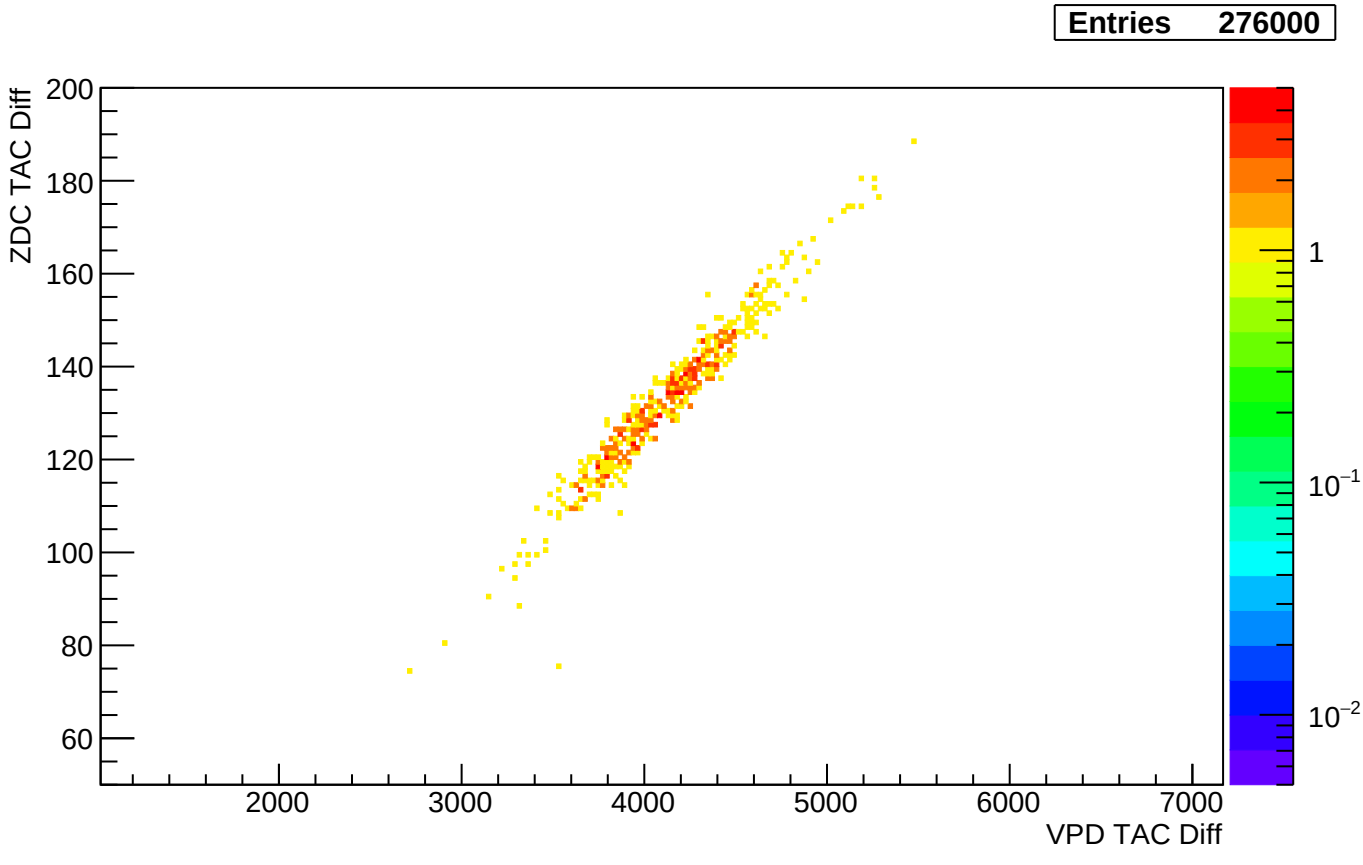

Entries 276000
TOF-Mult
EPD-East Hit Cnt

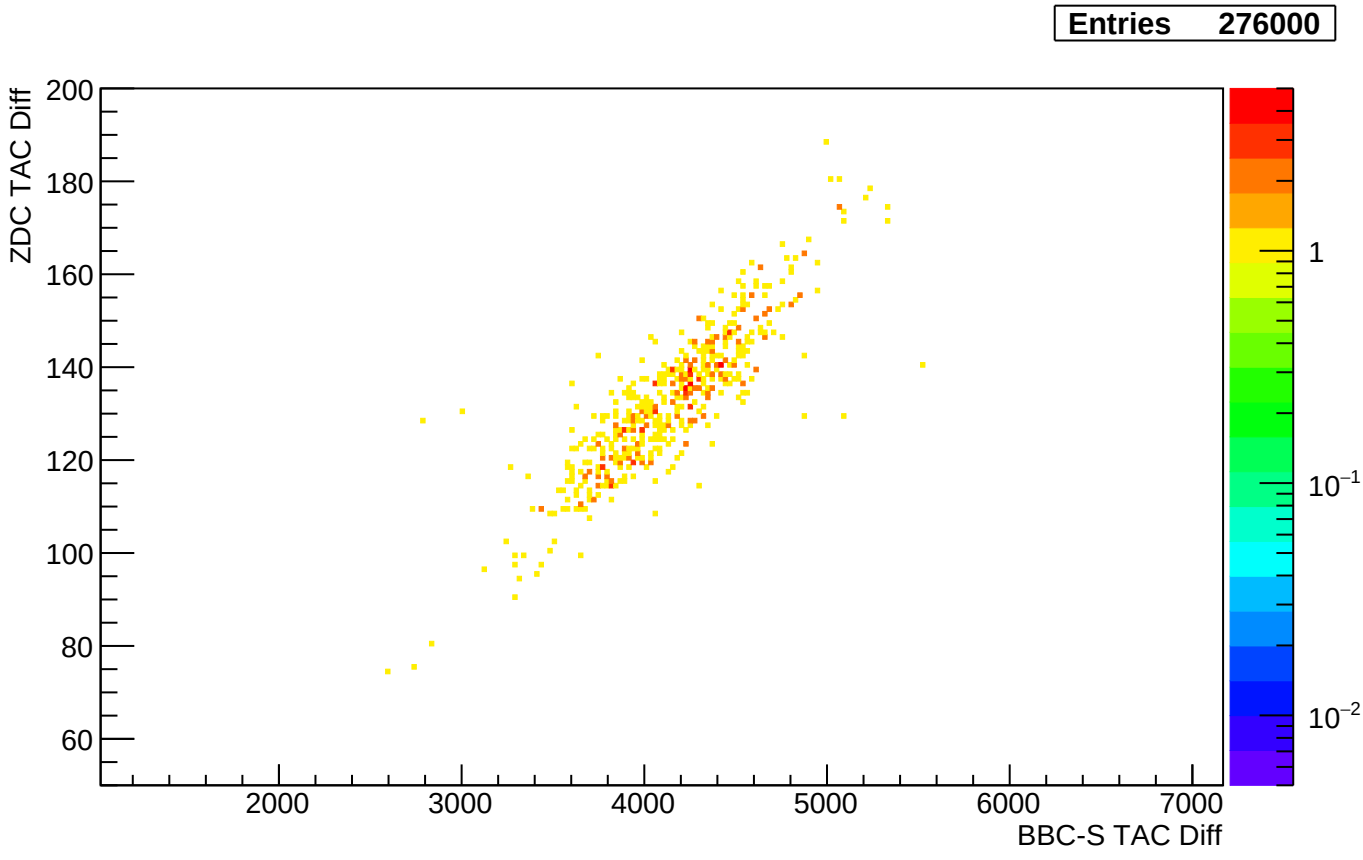

Entries 276000
TOF-Mult
EPD-West Hit Cnt

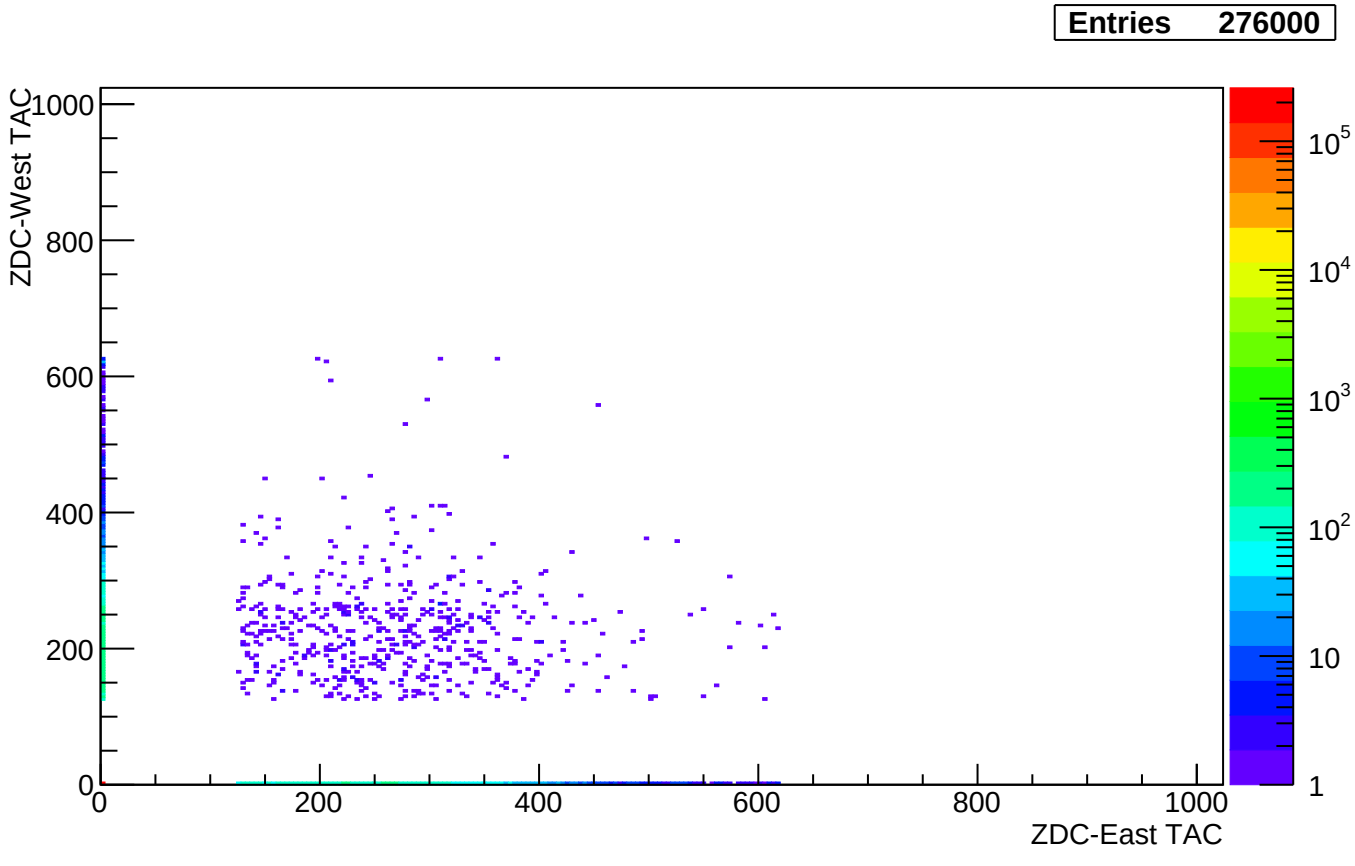

Entries 276000
TOF-Mult
VPD-East ADC Sum

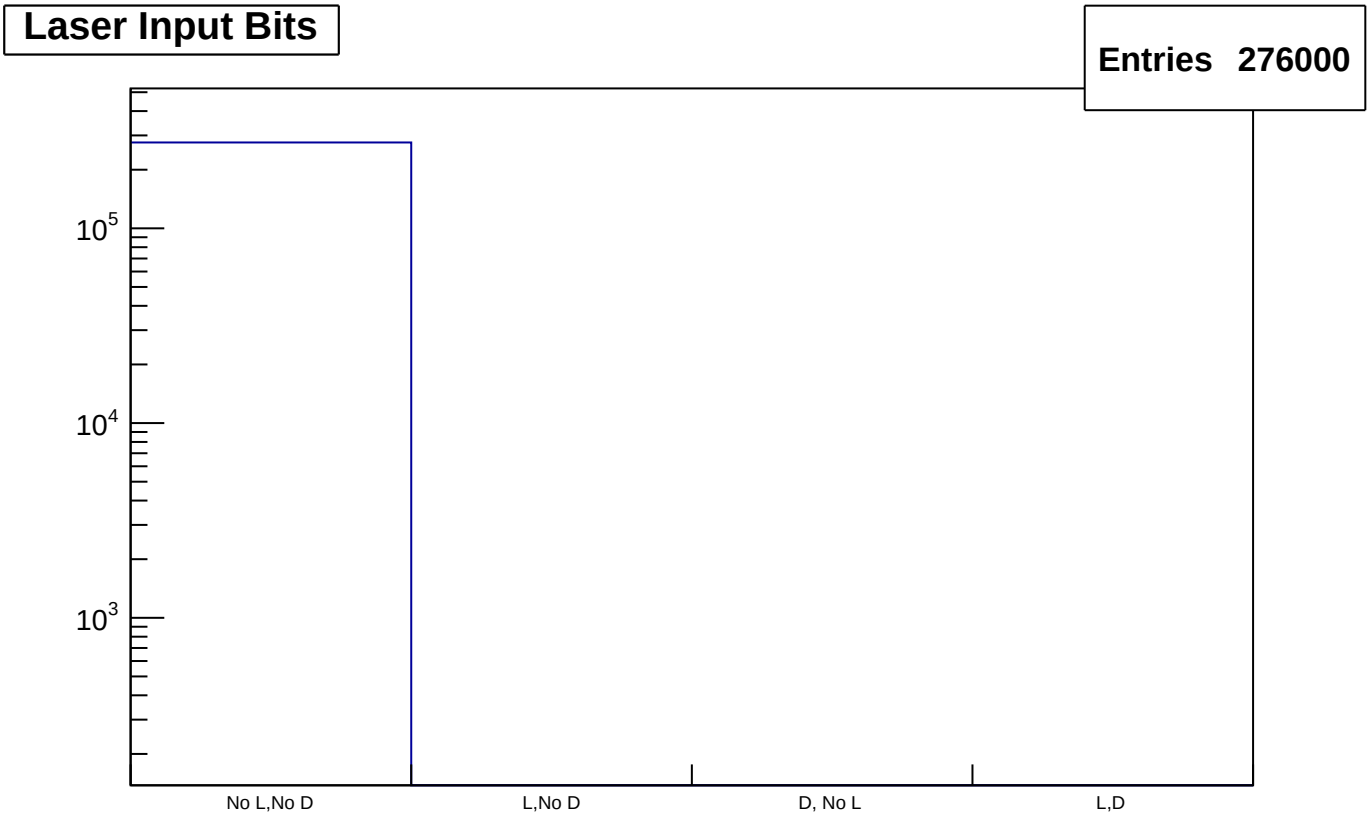

Entries 276000
TOF-Mult
VPD-West ADC Sum

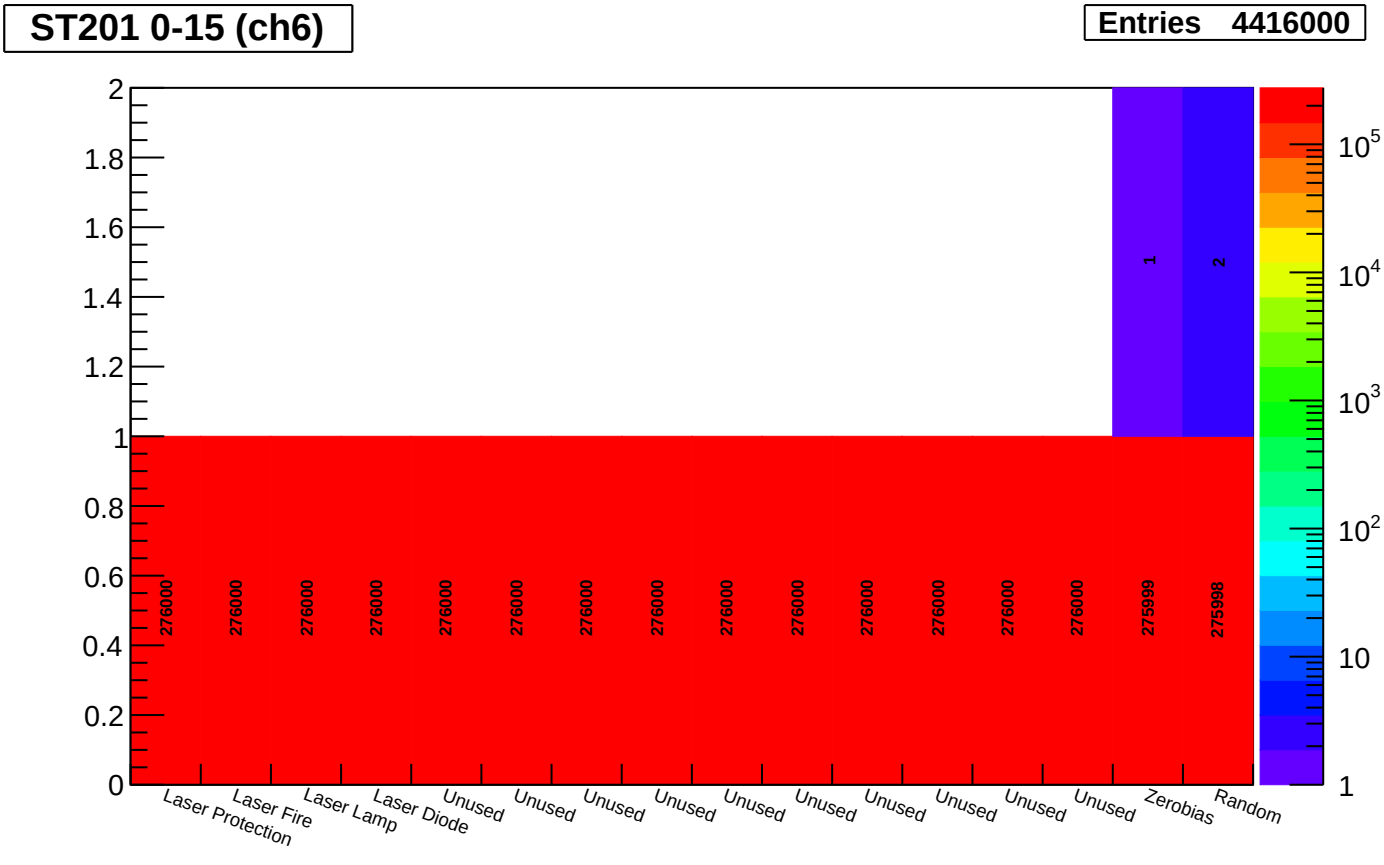

Entries 276000
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

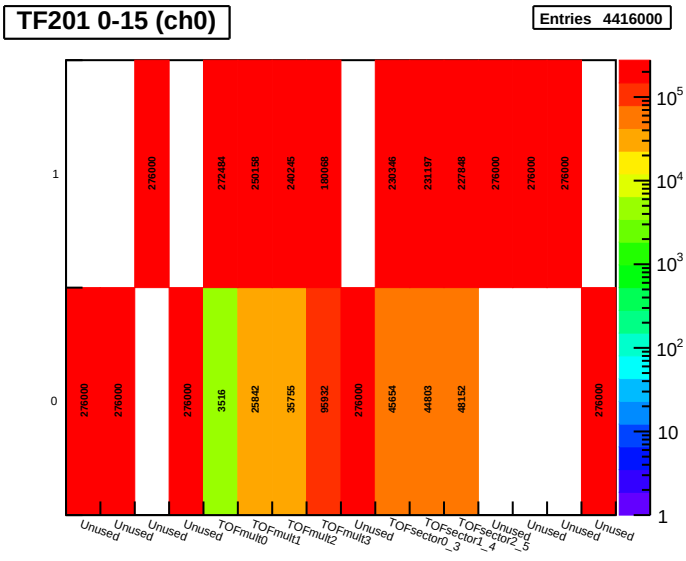

Entries 276000
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

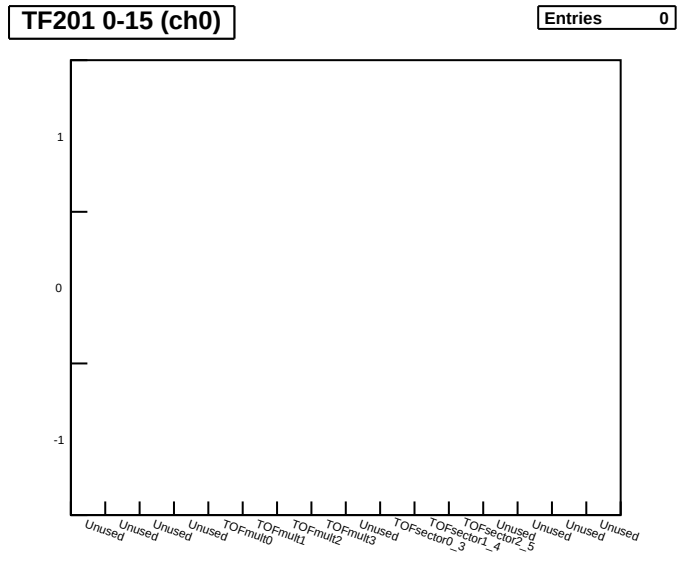

Entries 276000
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

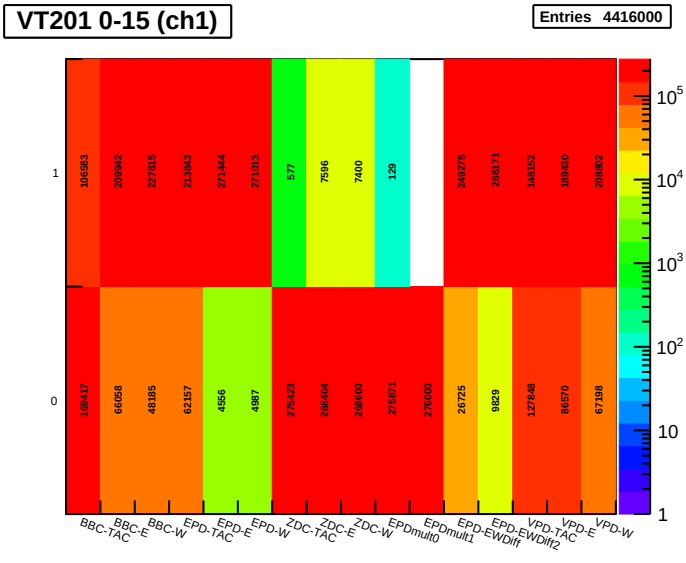

Entries 276000
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

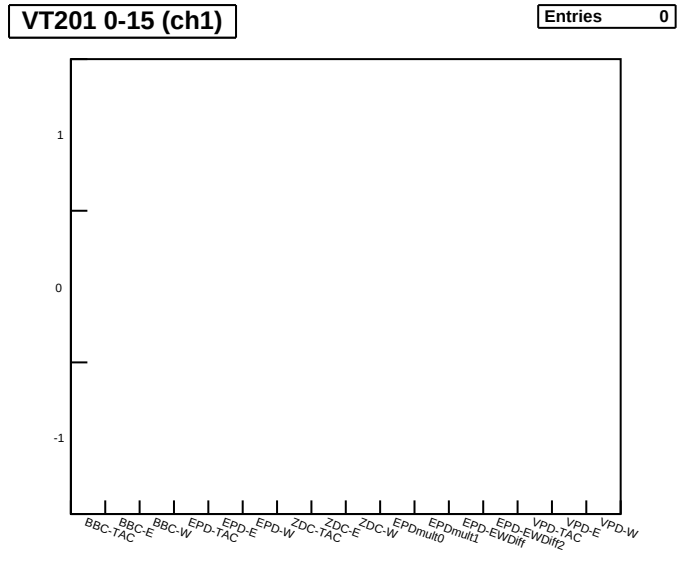

Laser Input Bits
Entries 276000
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

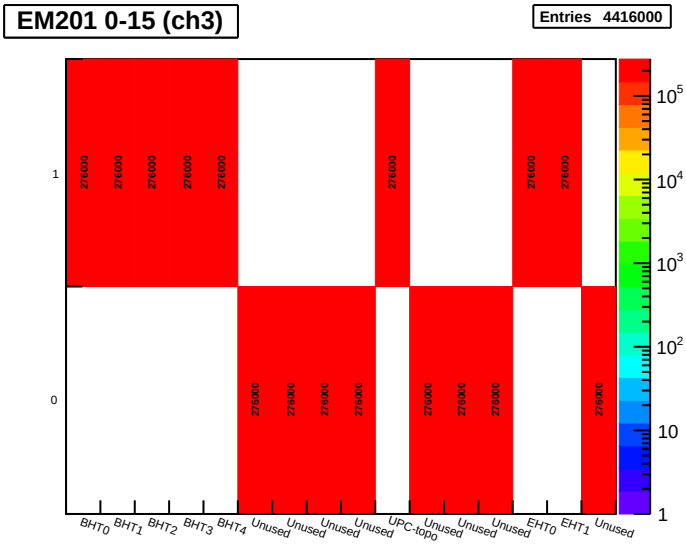

ST201 0-15 (ch6)
Entries 4416000
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
276000
275999
275998
1
2
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

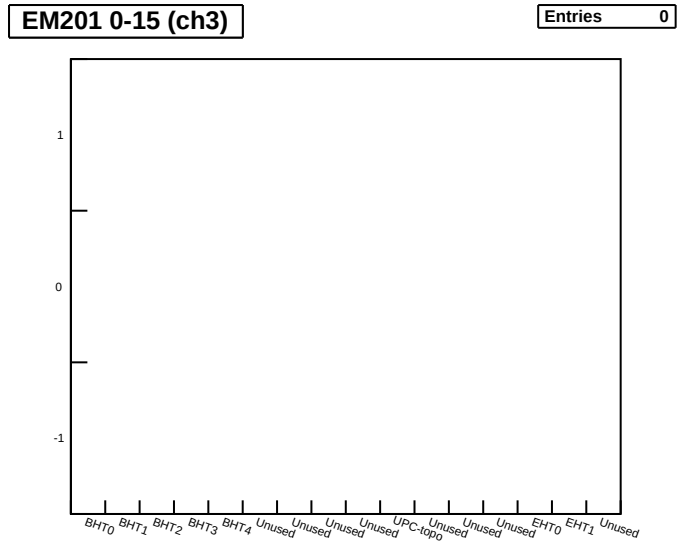

TF201 0-15 (ch0)
Entries 4416000
1
0
276000
272484
250158
240245
180068
230346
231197
227848
276000
276000
276000
276000
276000
3516
25842
35755
95932
276000
45654
44803
48152
276000
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 4416000
1
0
106533
209942
227815
213843
271444
271013
577
7596
7400
129
249275
266171
148152
189430
208832
168417
66058
48185
62157
4556
4987
275423
268404
268600
275871
276000
26725
9829
127848
86570
67198
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 4416000
1
0
276000
276000
276000
276000
276000
276000
276000
276000
276000
276000
276000
276000
276000
276000
276000
276000
276000
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