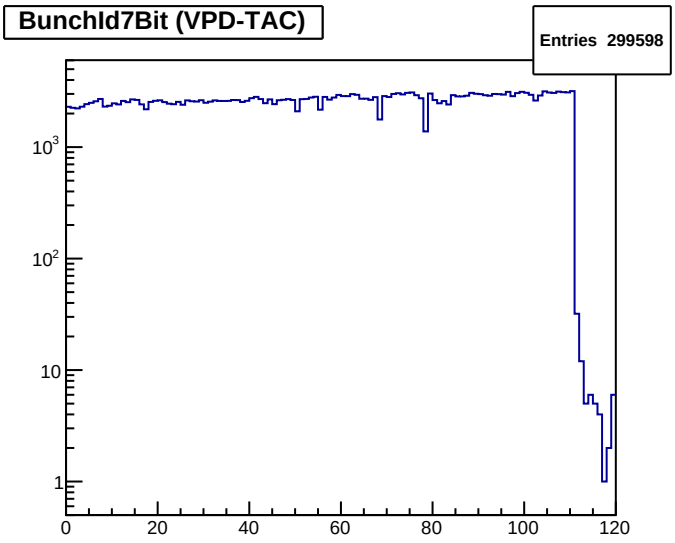
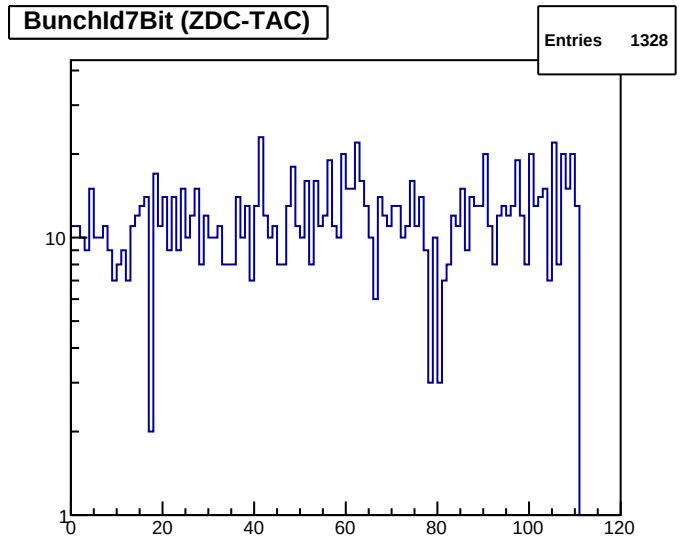
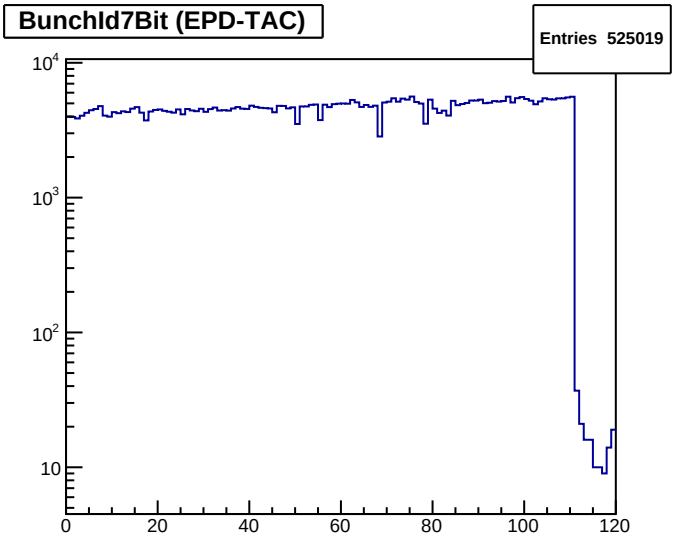
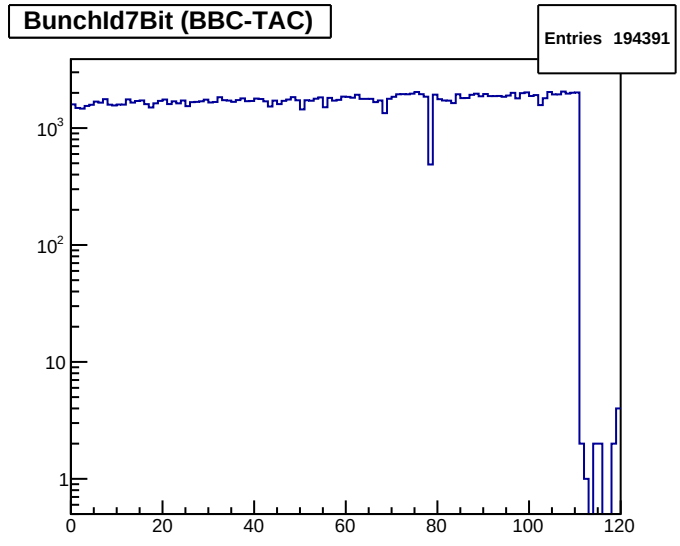
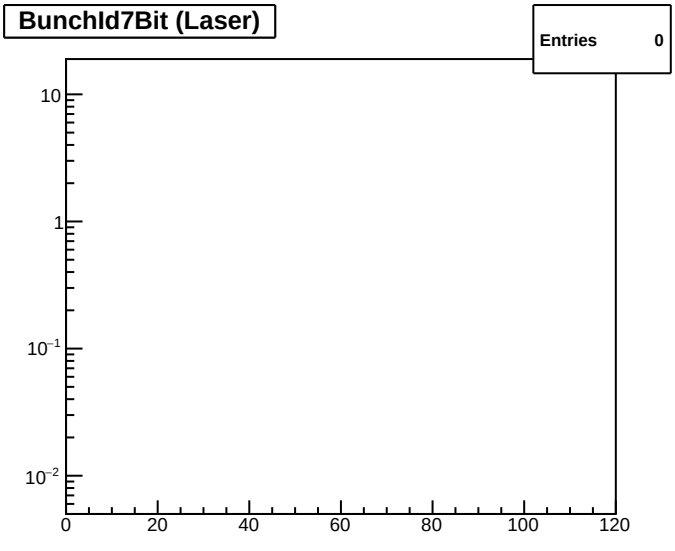
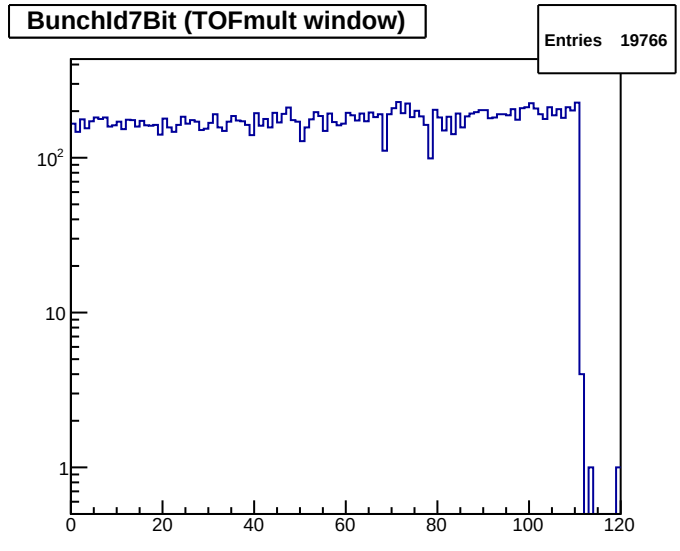

BunchId7Bit (VPD-TAC)
Entries 299598

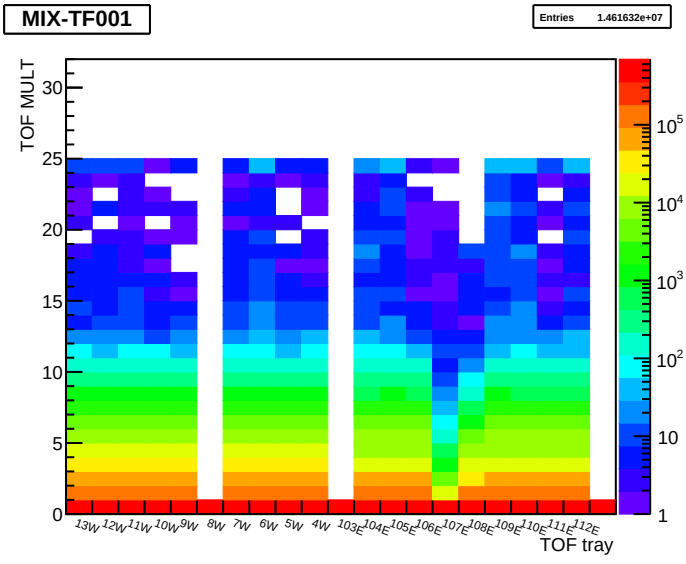

BunchId7Bit (ZDC-TAC)
Entries 1328

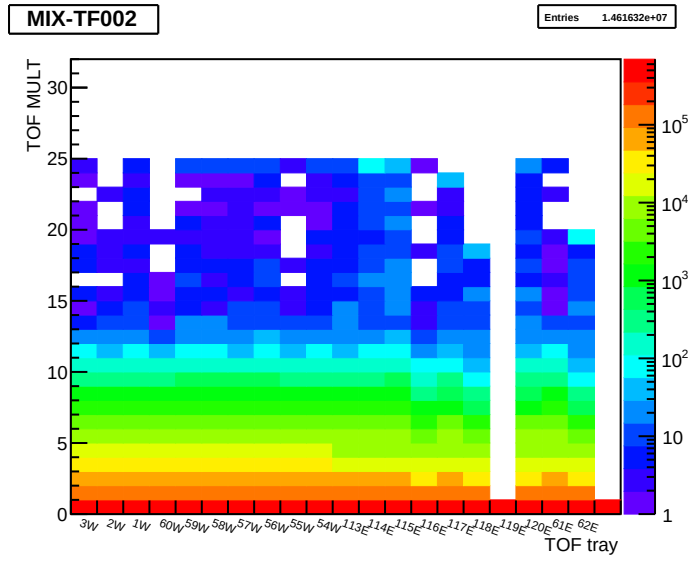

BunchId7Bit (EPD-TAC)
Entries 525019

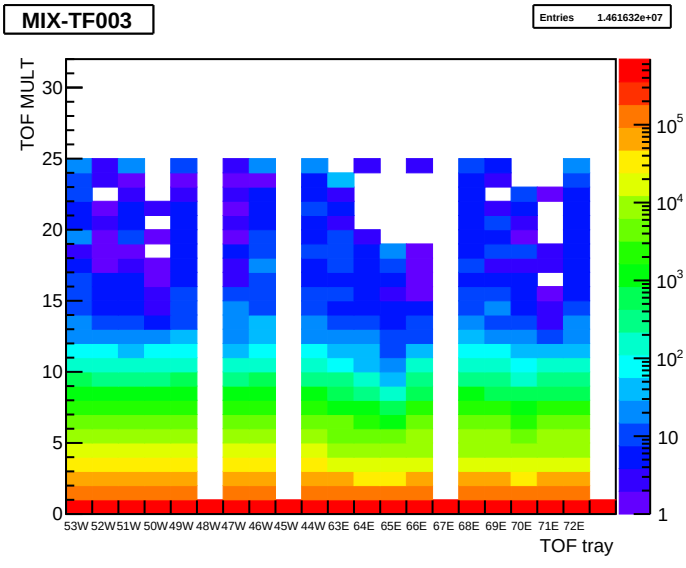

BunchId7Bit (BBC-TAC)
Entries 194391

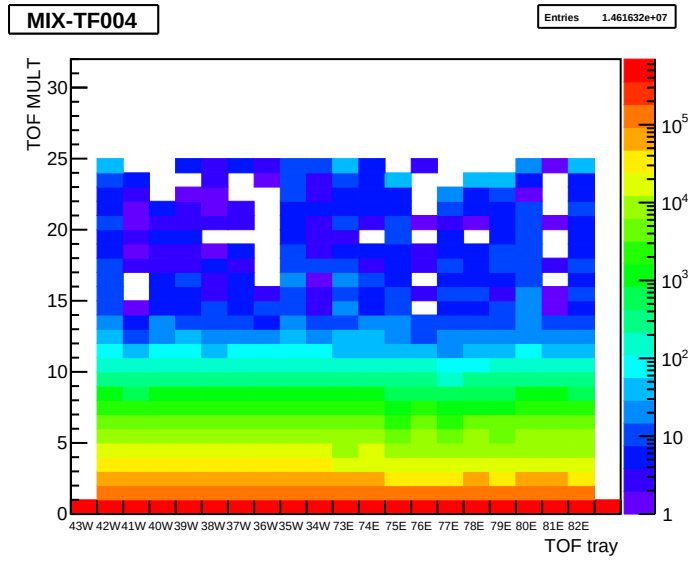

BunchId7Bit (Laser)
Entries 0

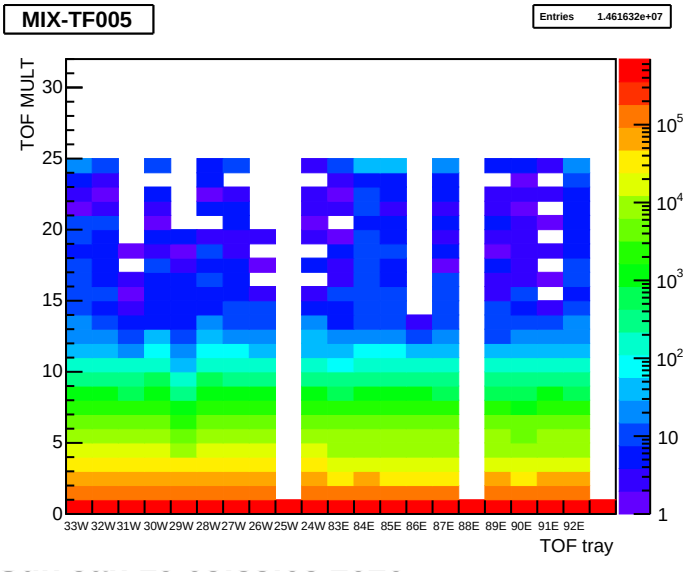

BunchId7Bit (TOFmult window)
Entries 19766

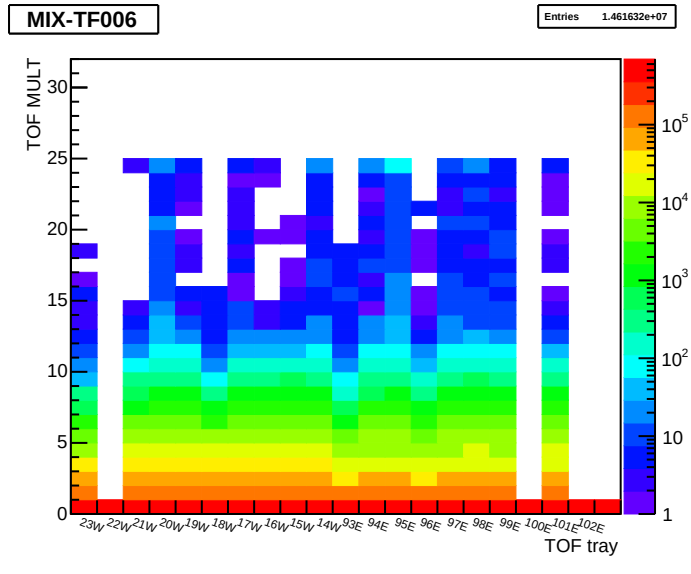

MIX-TF001
Entries 1.461632e+07
TOF MULT
TOF tray

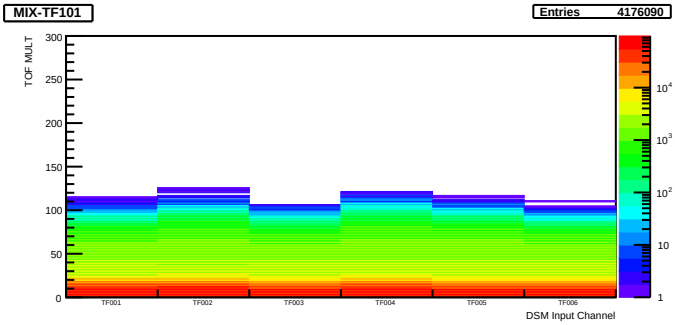

MIX-TF002
Entries 1.461632e+07
TOF MULT
TOF tray

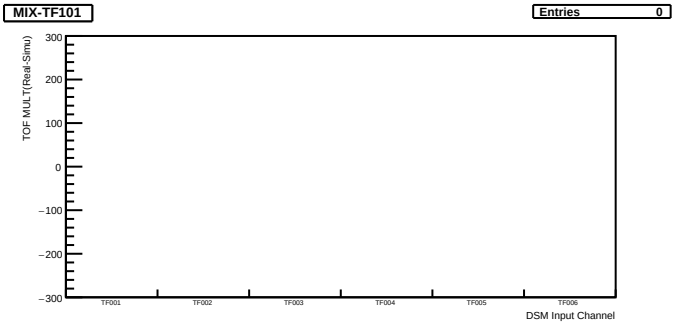

MIX-TF003
Entries 1.461632e+07
TOF MULT
TOF tray

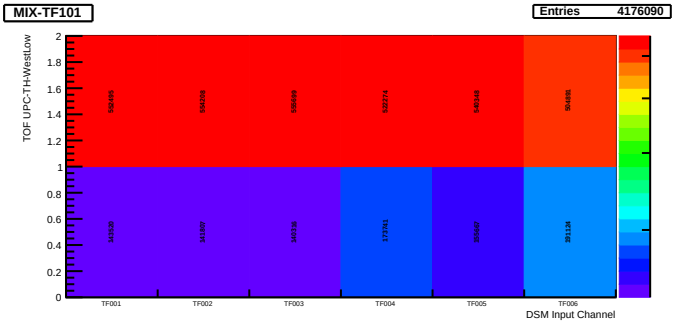

MIX-TF004
Entries 1.461632e+07
TOF MULT
TOF tray

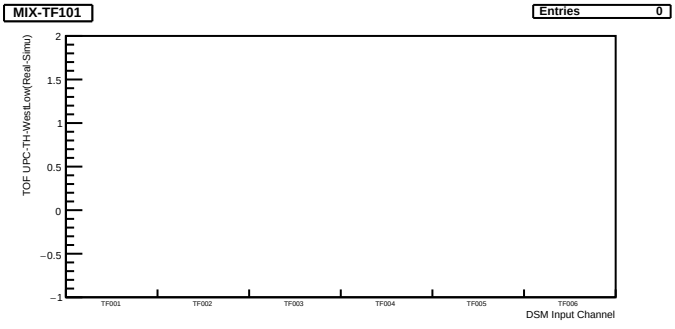

MIX-TF005
Entries 1.461632e+07
TOF MULT
TOF tray

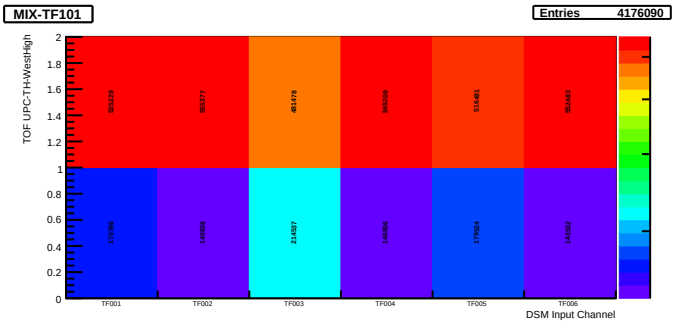

MIX-TF006
Entries 1.461632e+07
TOF MULT
TOF tray

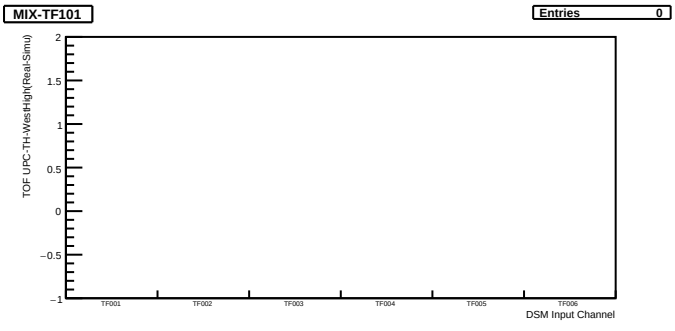

MIX-TF101
Entries 4176090
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

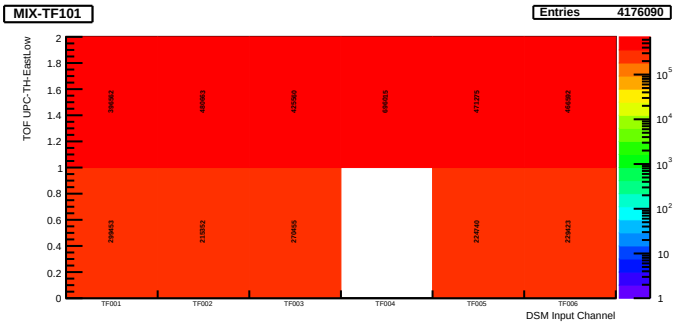

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

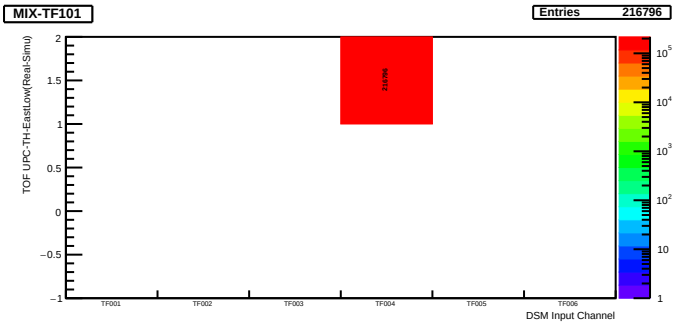

MIX-TF101
Entries 4176090
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

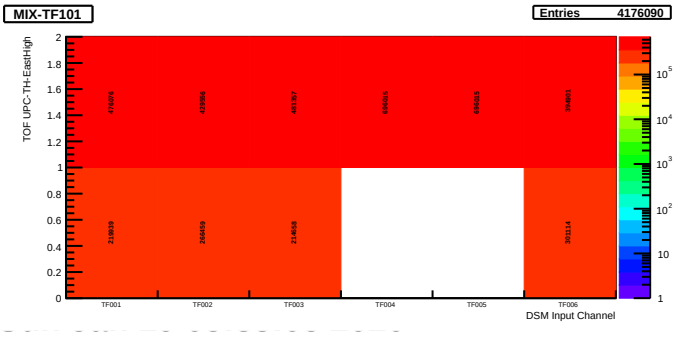

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

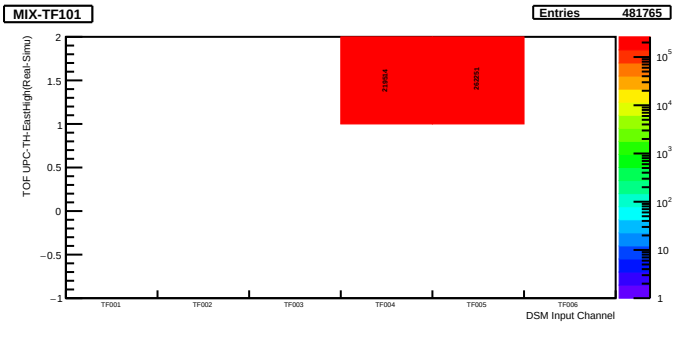

MIX-TF101
Entries 4176090
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

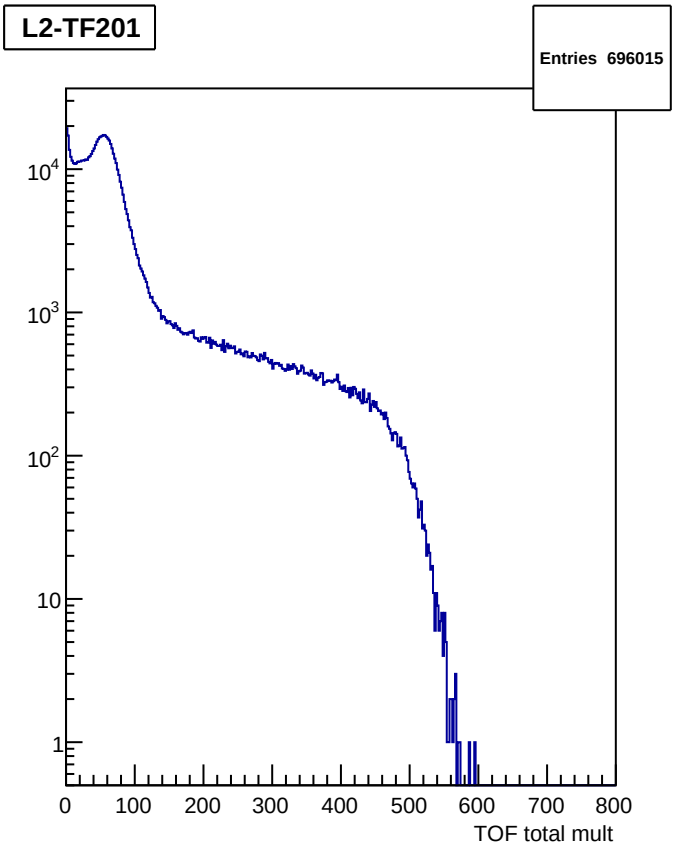

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

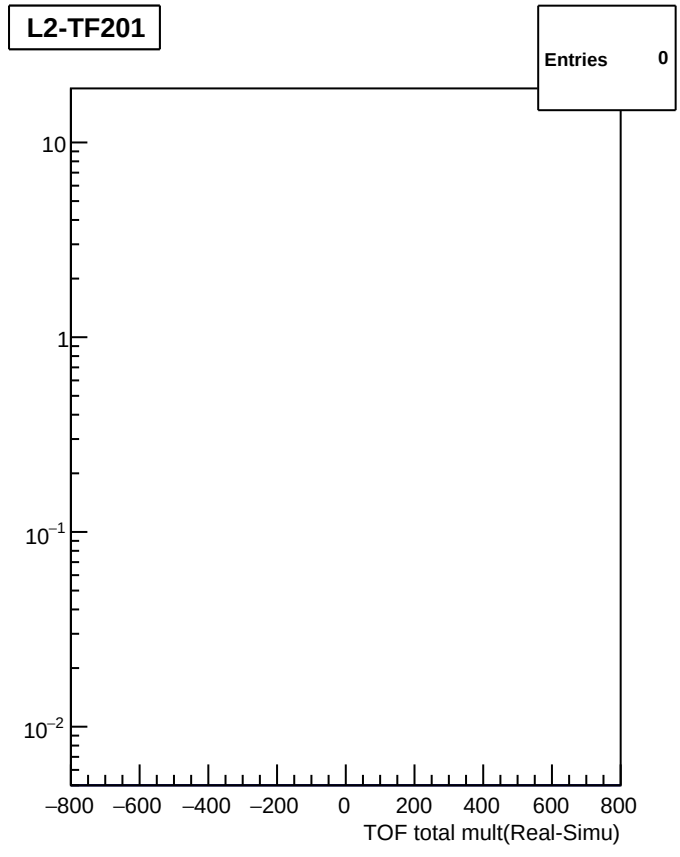

MIX-TF101
Entries 4176090
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

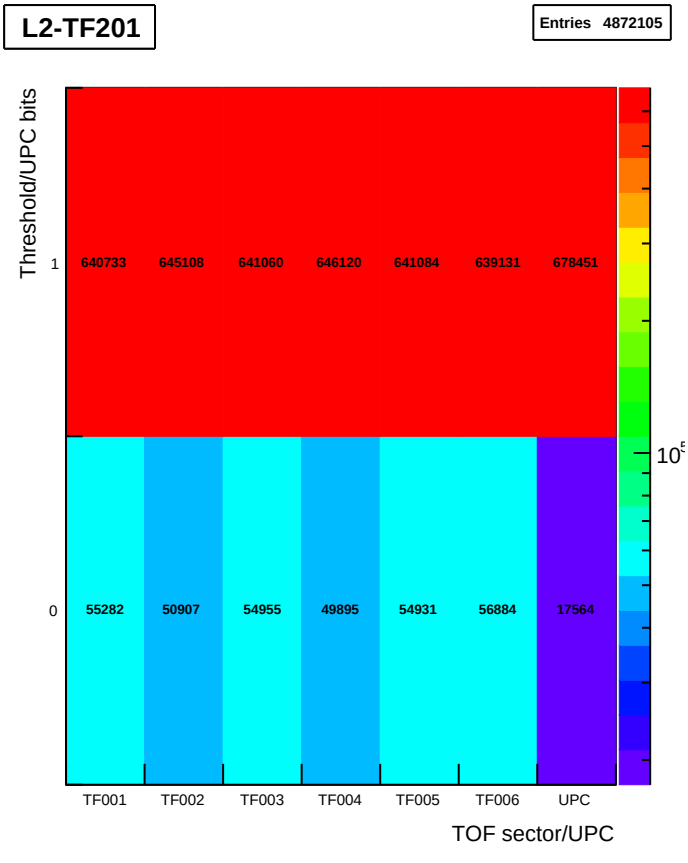

MIX-TF101
Entries 216796
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

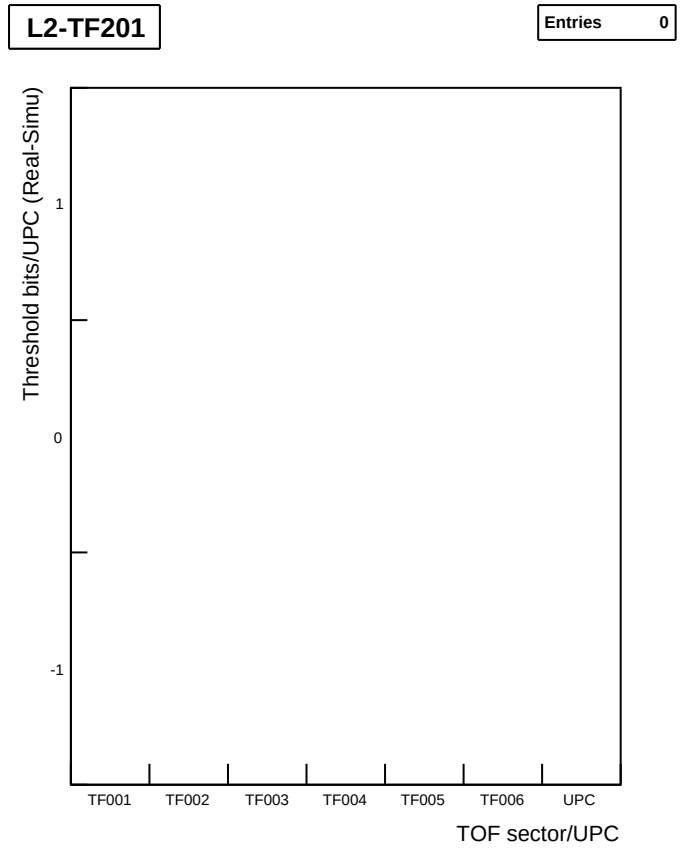

MIX-TF101
Entries 4176090
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

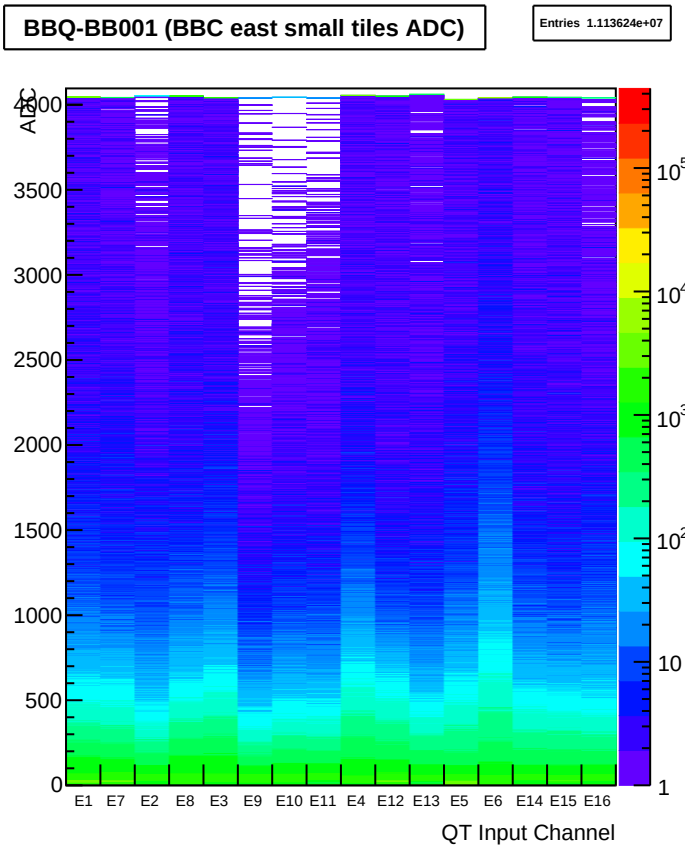

MIX-TF101
Entries 481765
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

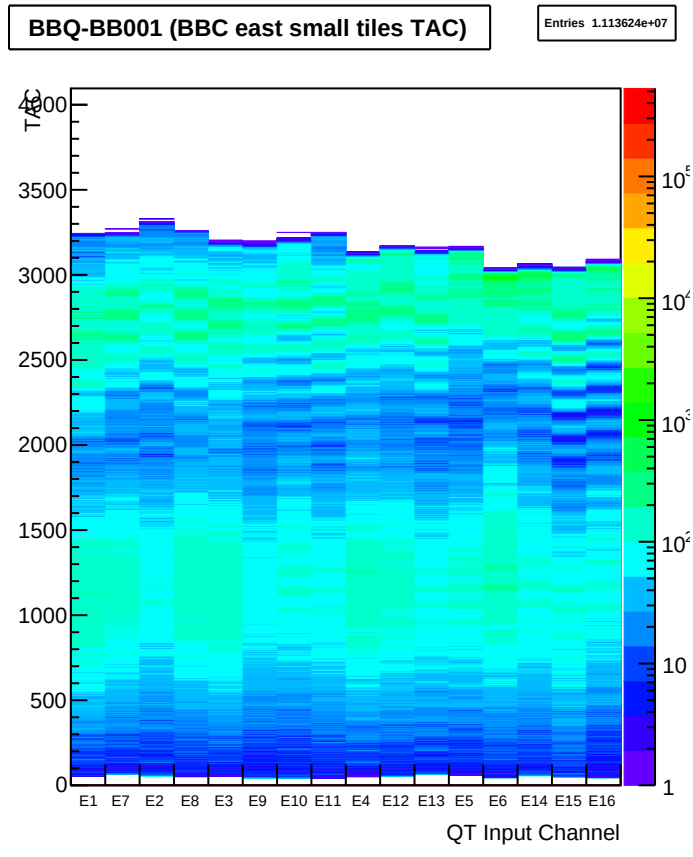

L2-TF201
Entries 696015
TOF total mult

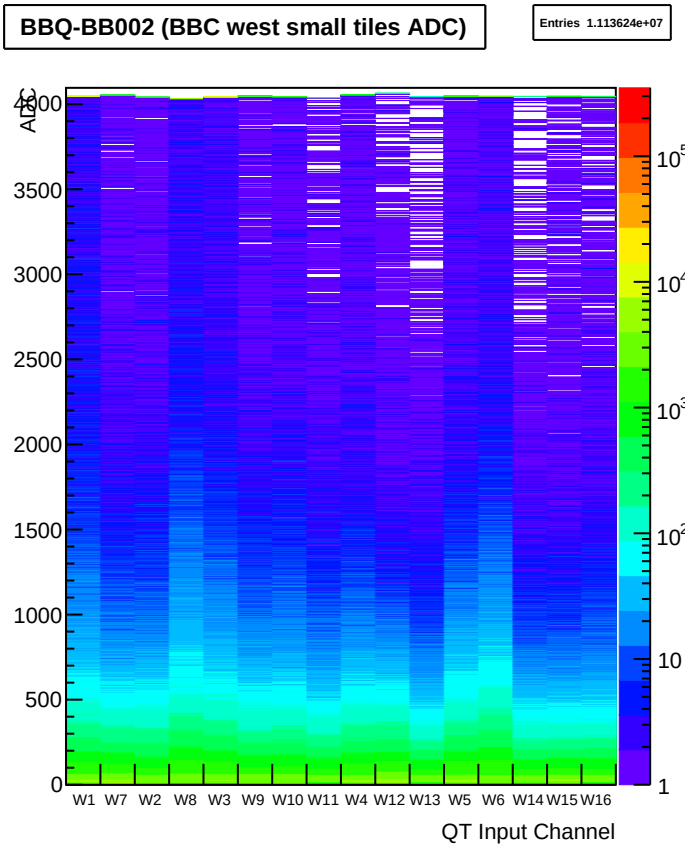

L2-TF201
Entries 0
TOF total mult(Real-Simu)

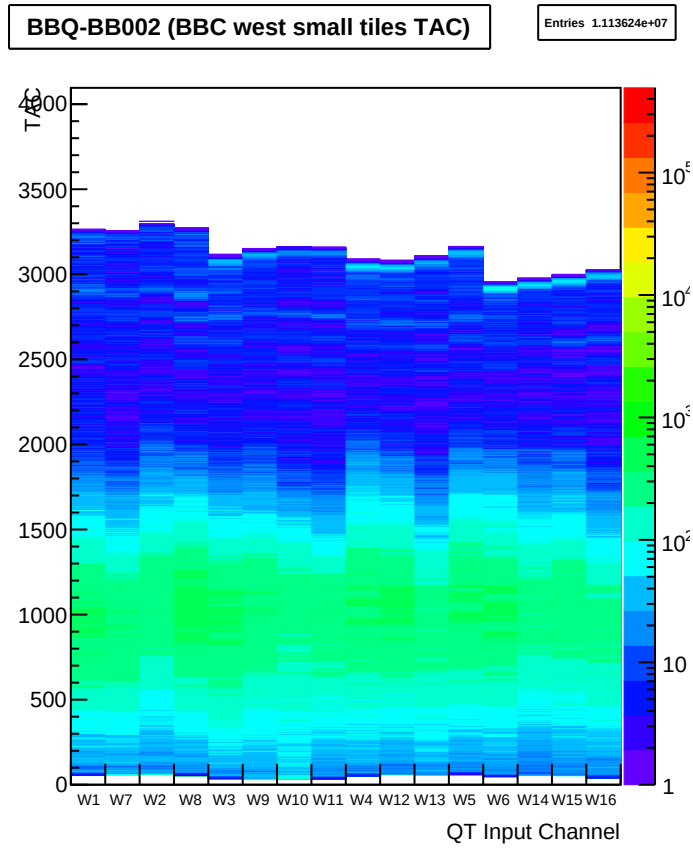

L2-TF201
Entries 4872105
Threshold/UPC bits
640733
645108
641060
646120
641084
639131
678451
55282
50907
54955
49895
54931
56884
17564
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

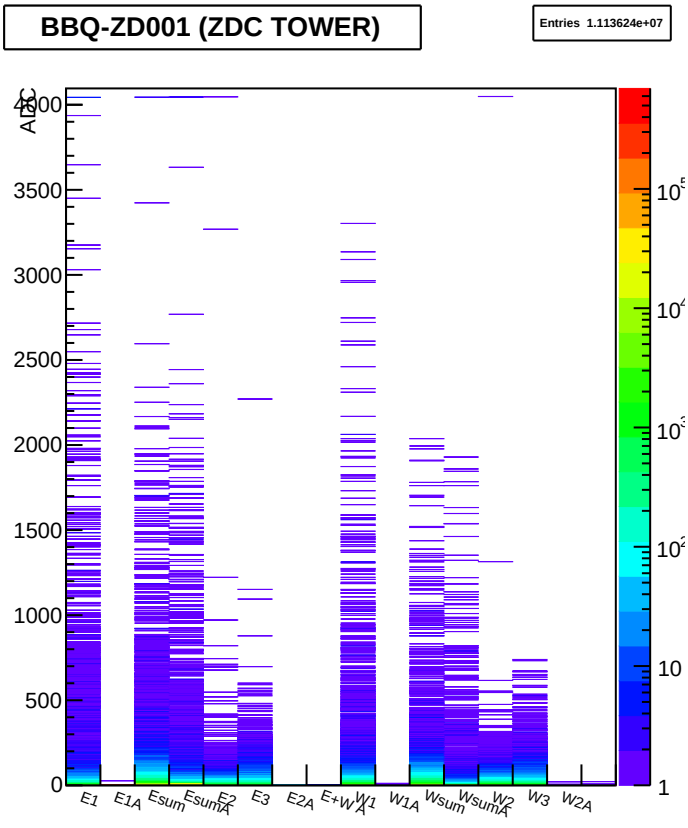

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

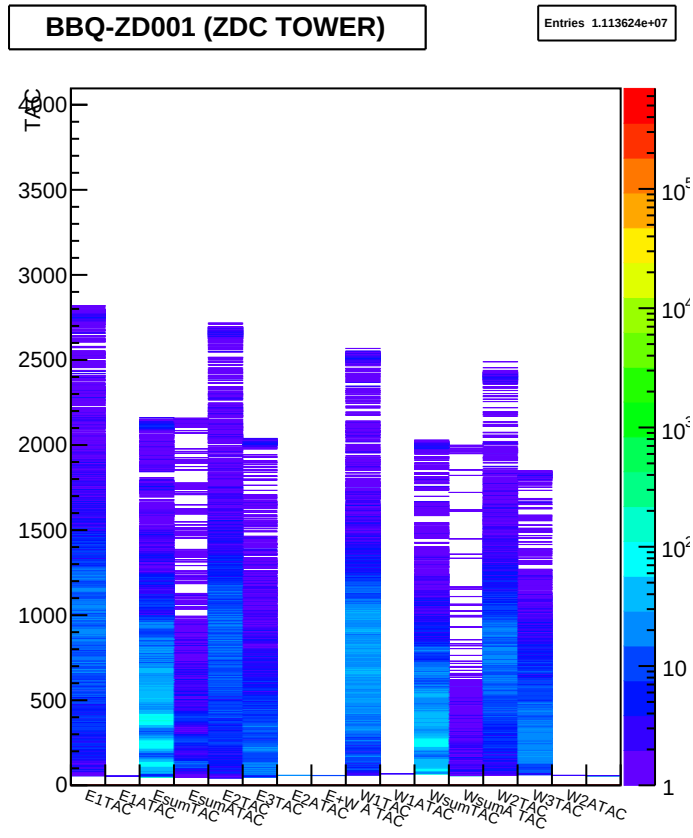

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.113624e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

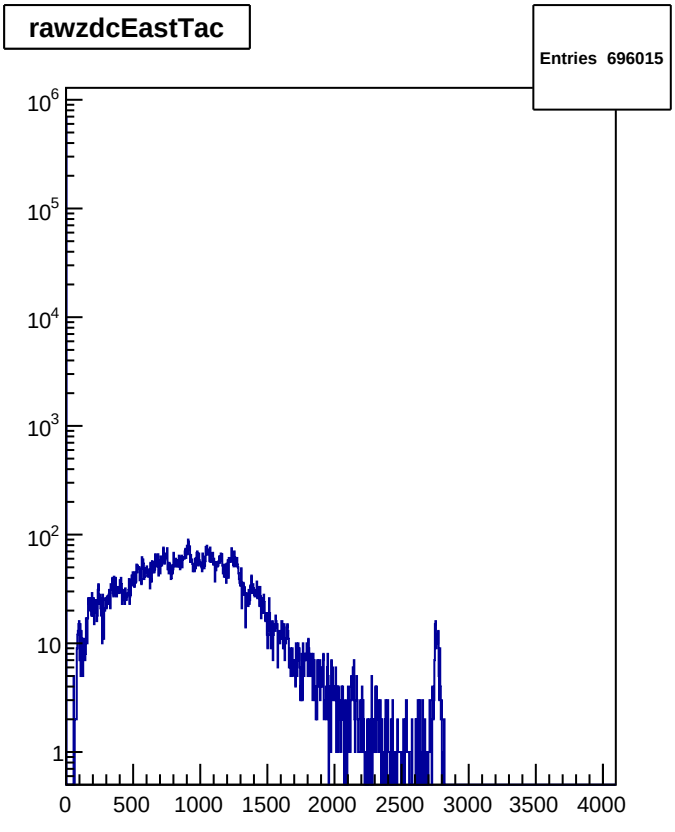

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.113624e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

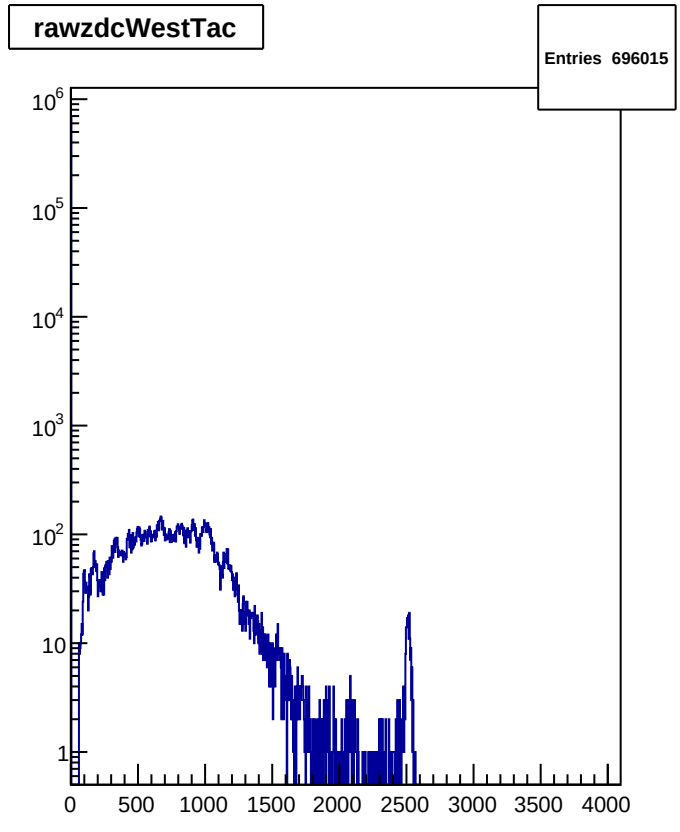

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.113624e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

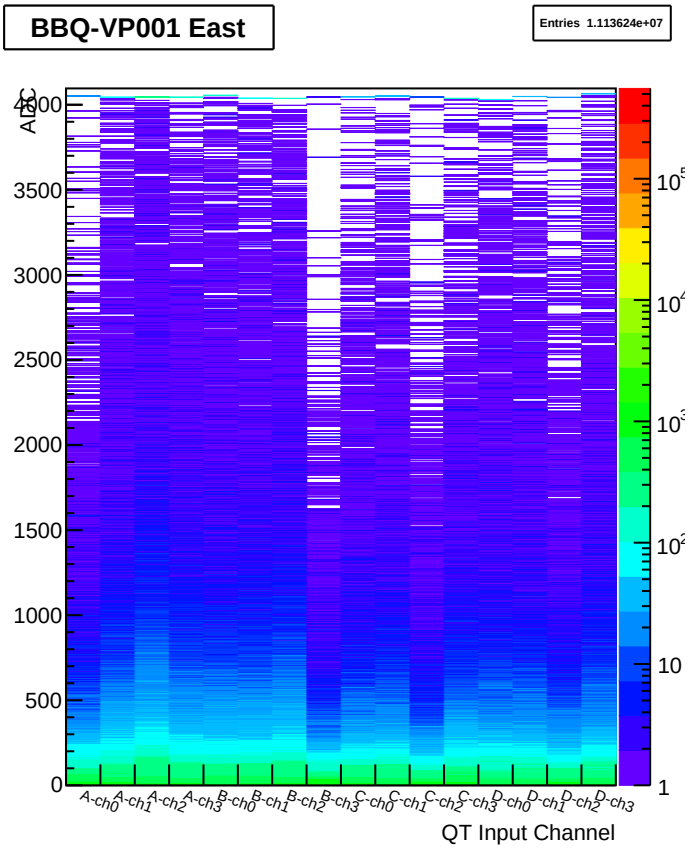

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.113624e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

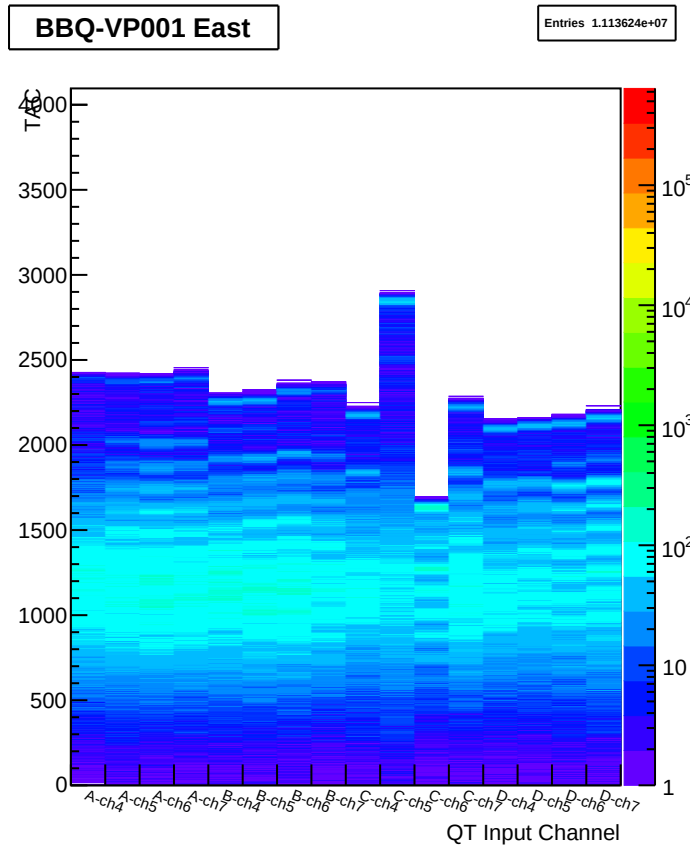

BBQ-ZD001 (ZDC TOWER)
Entries 1.113624e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

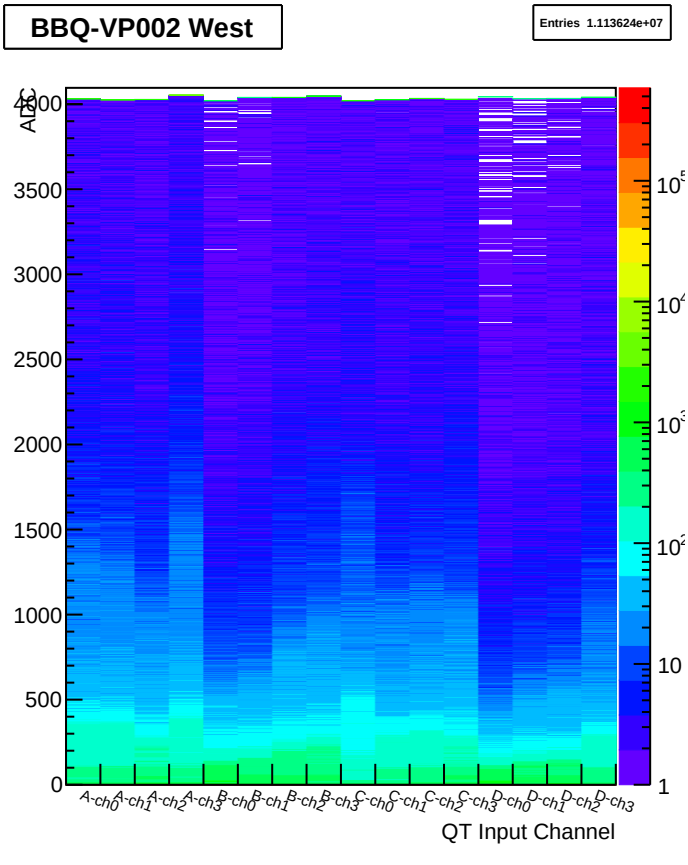

BBQ-ZD001 (ZDC TOWER)
Entries 1.113624e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

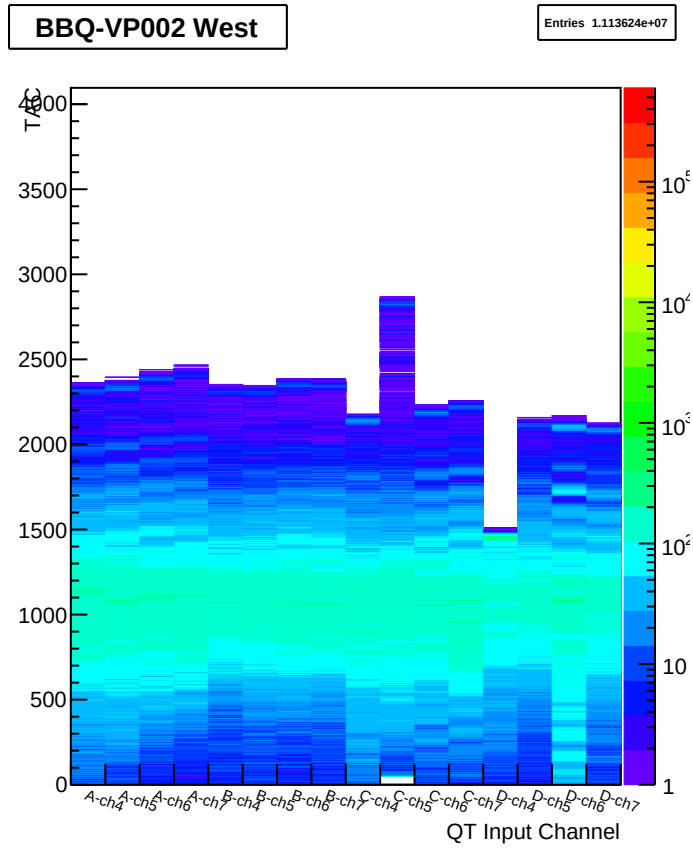

rawzdcEastTac
Entries 696015

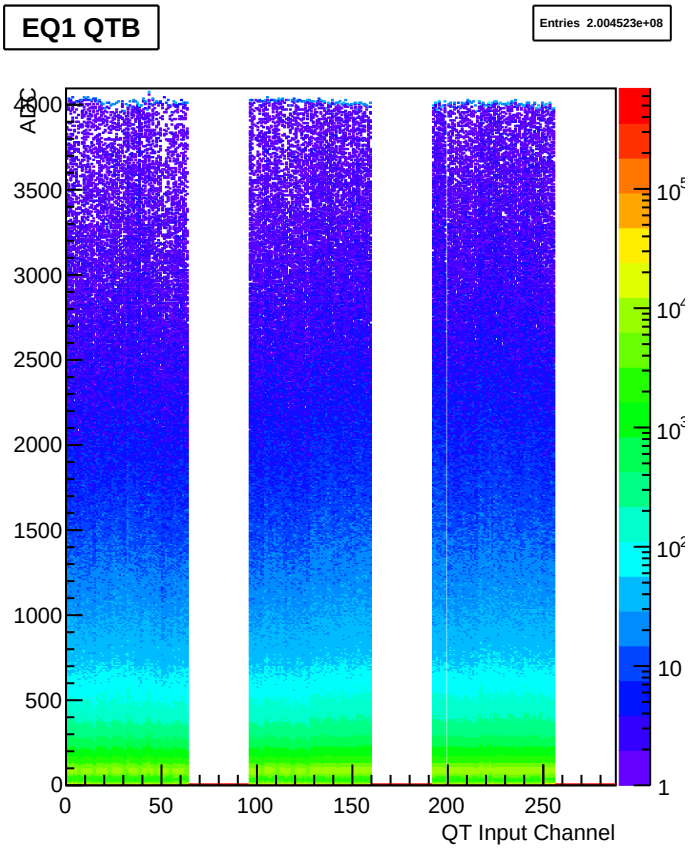

rawzdcWestTac
Entries 696015

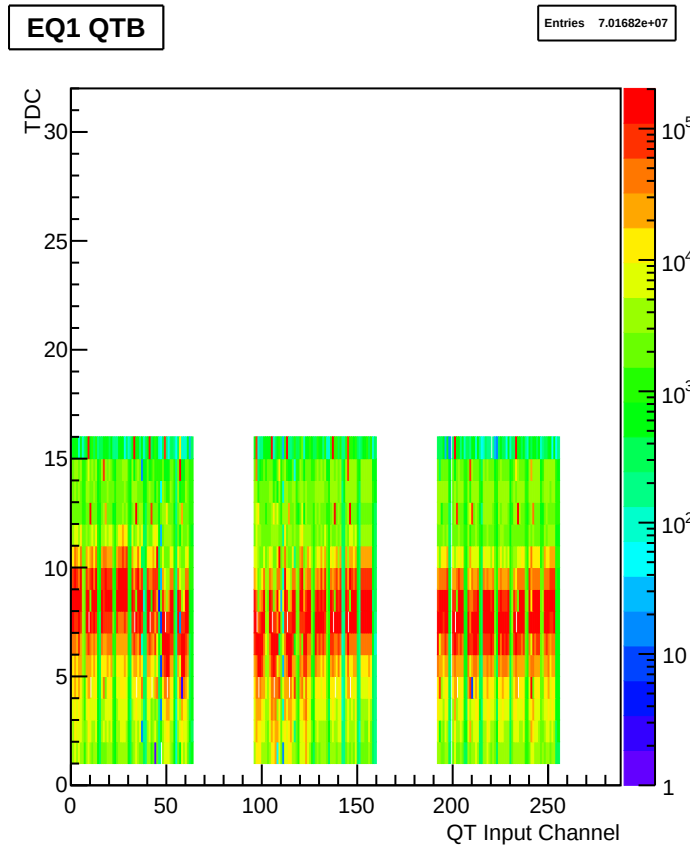

BBQ-VP001 East
Entries 1.113624e+07
ADC
QT Input Channel

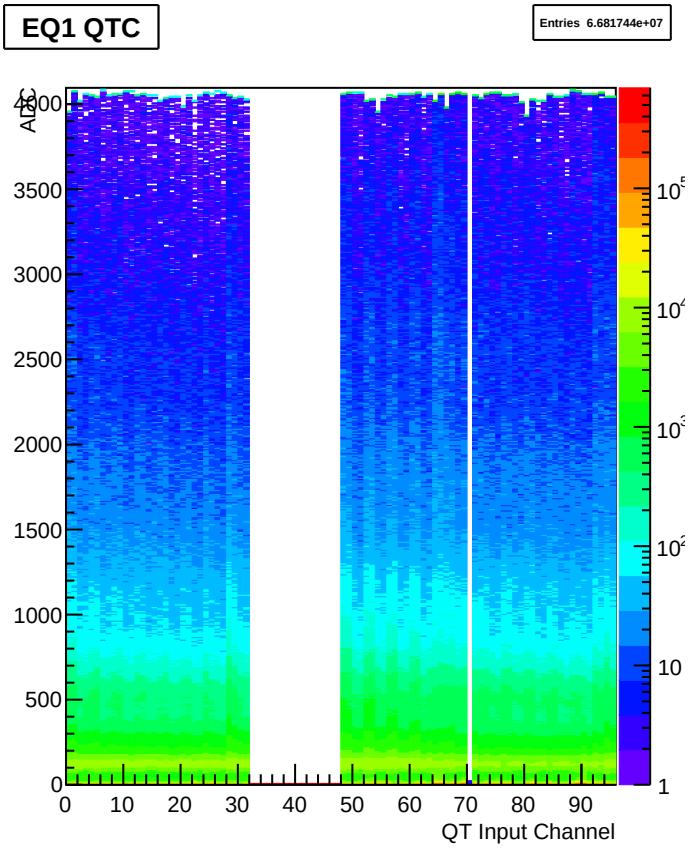

BBQ-VP001 East
Entries 1.113624e+07
TADC
QT Input Channel

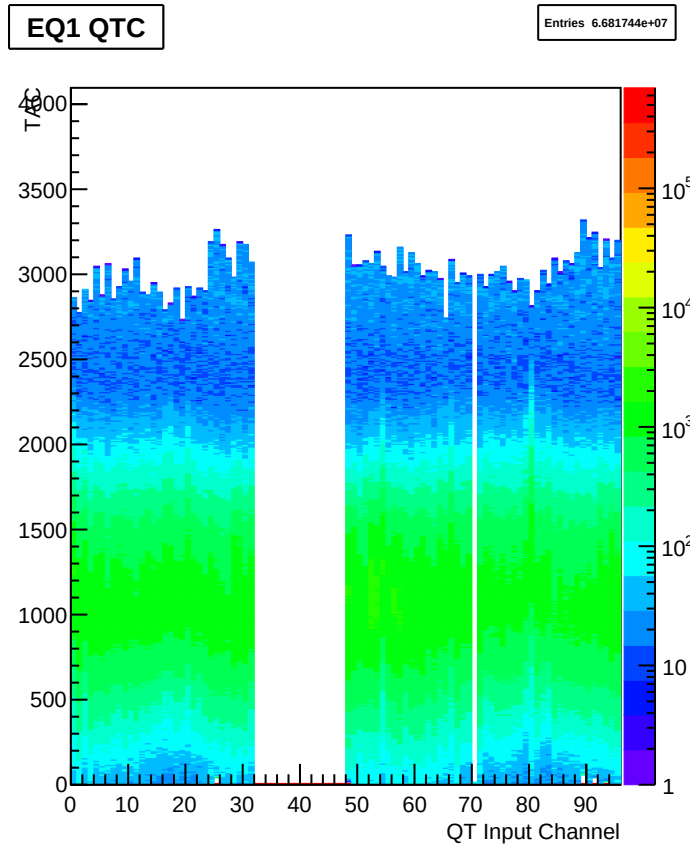

BBQ-VP002 West
Entries 1.113624e+07
ADC
QT Input Channel

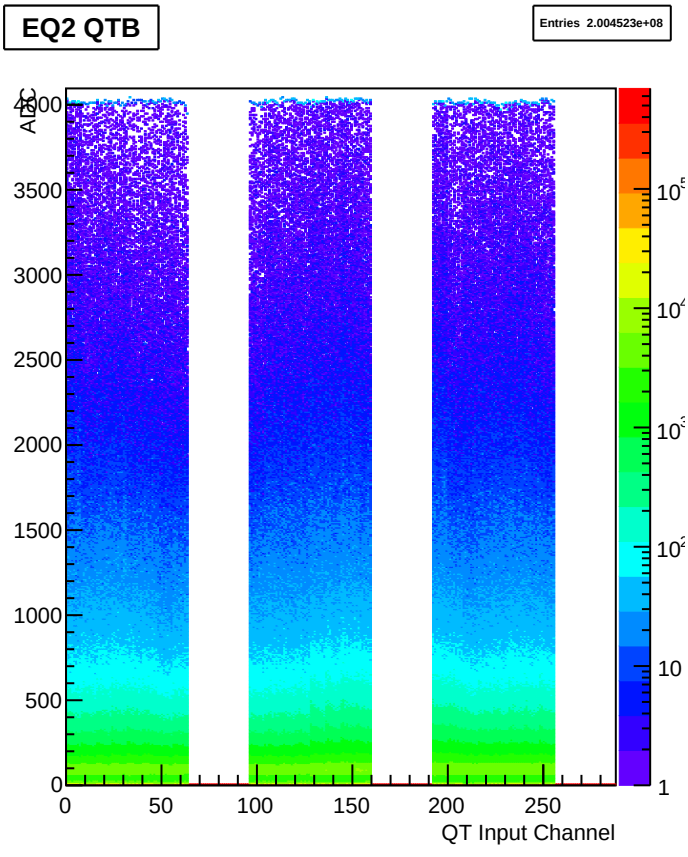

BBQ-VP002 West
Entries 1.113624e+07
TADC
QT Input Channel

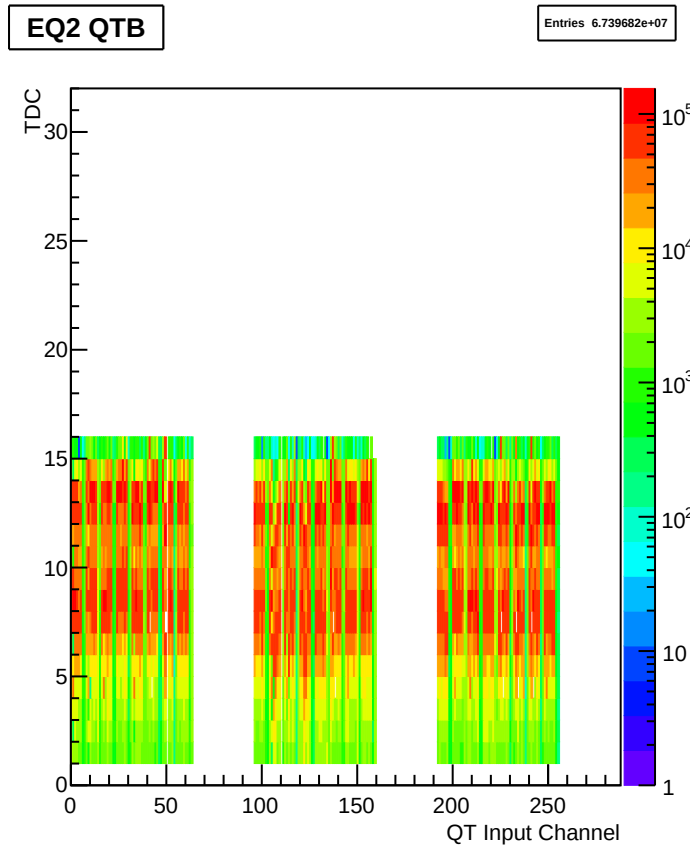

EQ1 QTB
Entries 2.004523e+08
ADC
QT Input Channel

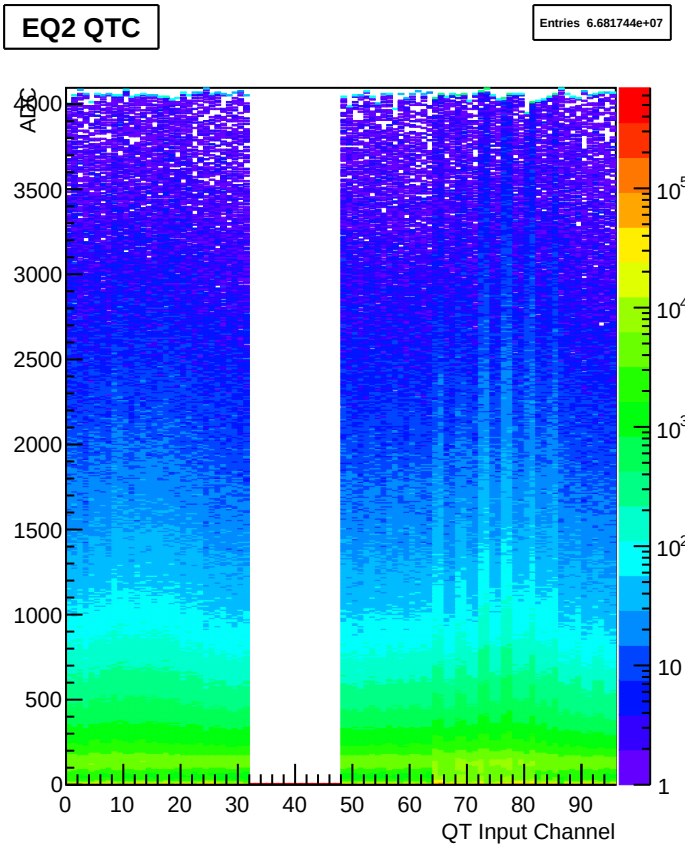

EQ1 QTB
Entries 7.01682e+07
TDC
QT Input Channel

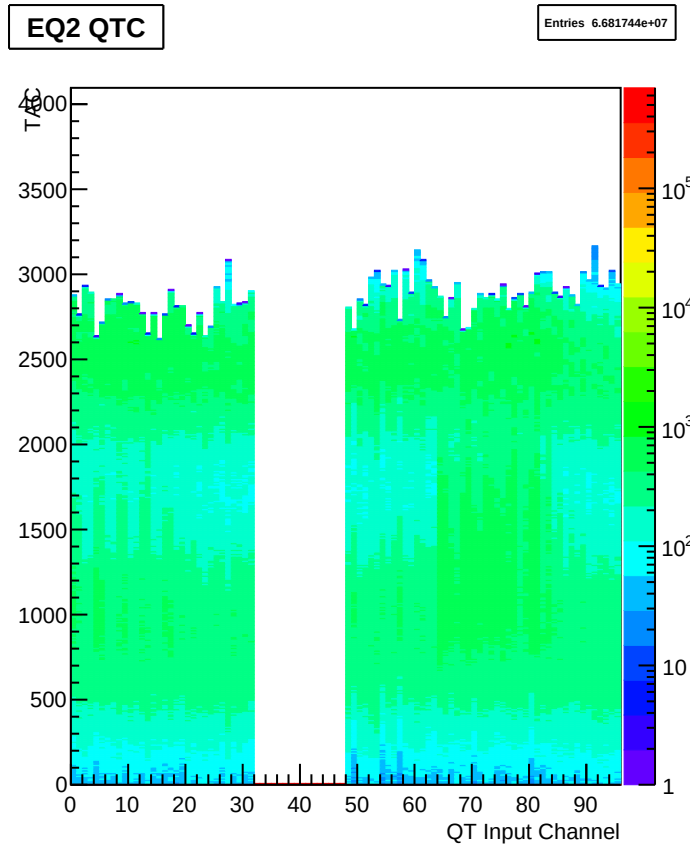

EQ1 QTC
Entries 6.681744e+07
ADC
QT Input Channel

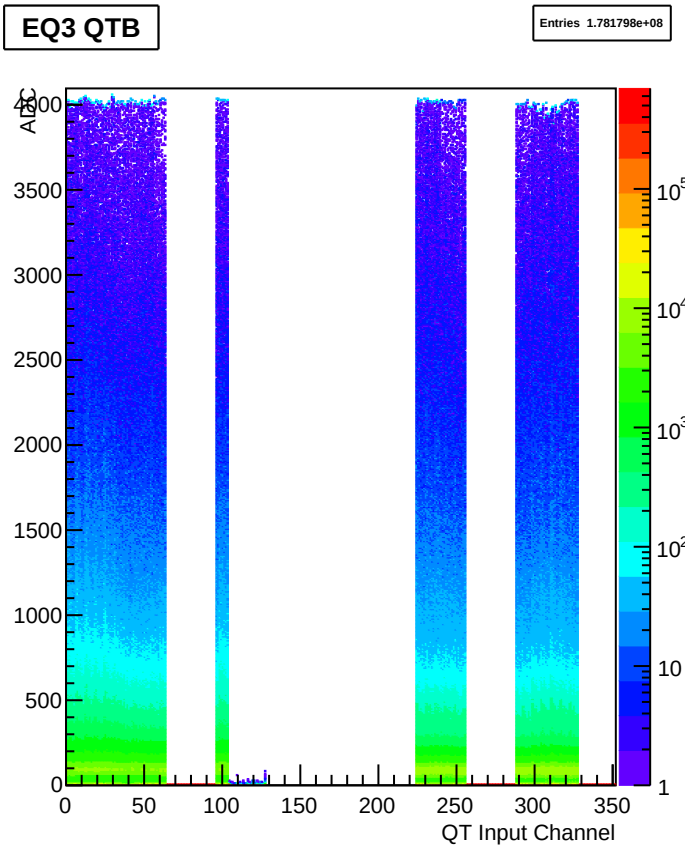

EQ1 QTC
Entries 6.681744e+07
TADC
QT Input Channel

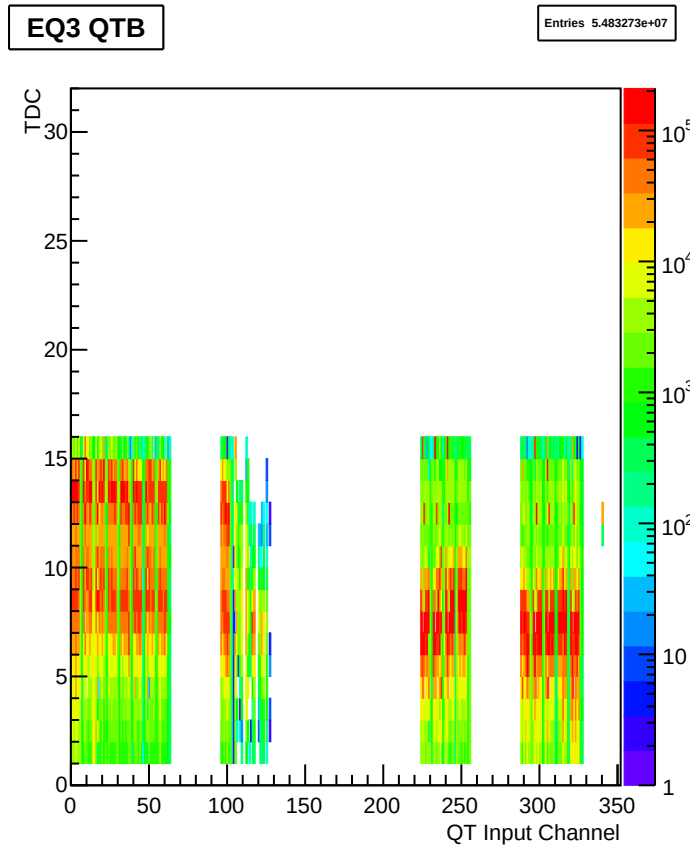

EQ2 QTB
Entries 2.004523e+08
ADC
QT Input Channel

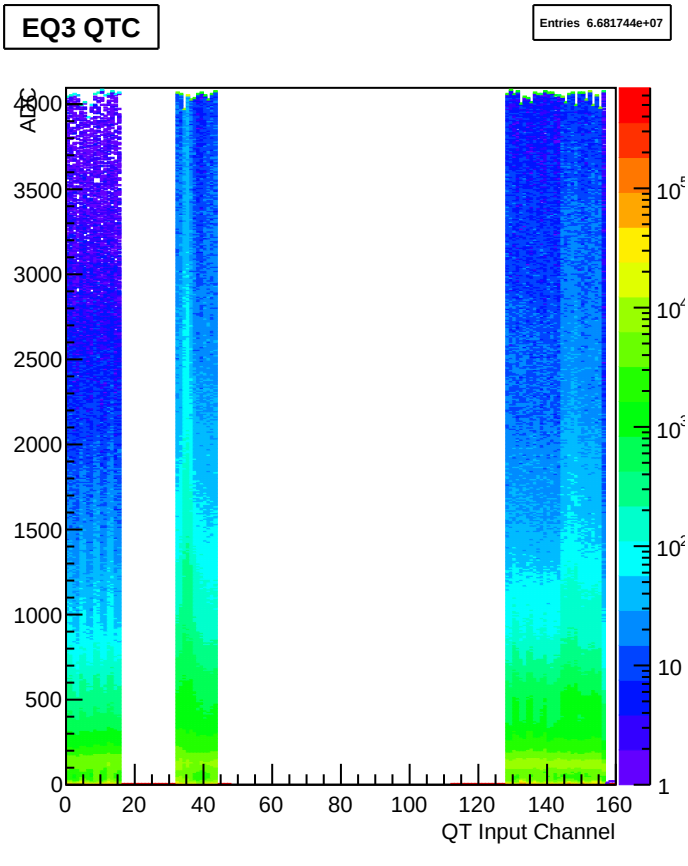

EQ2 QTB
Entries 6.739682e+07
TDC
QT Input Channel

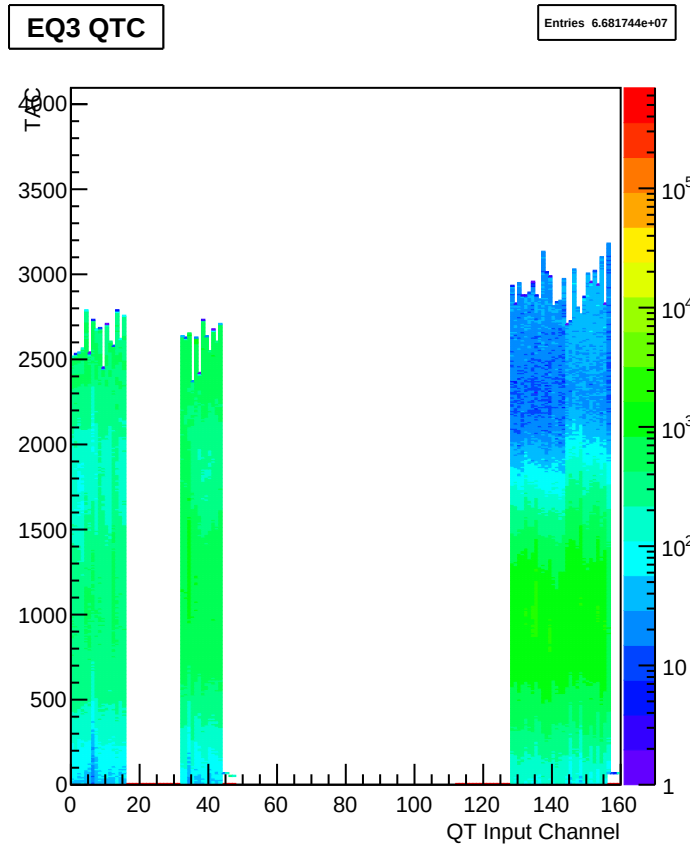

EQ2 QTC
Entries 6.681744e+07
ADC
QT Input Channel

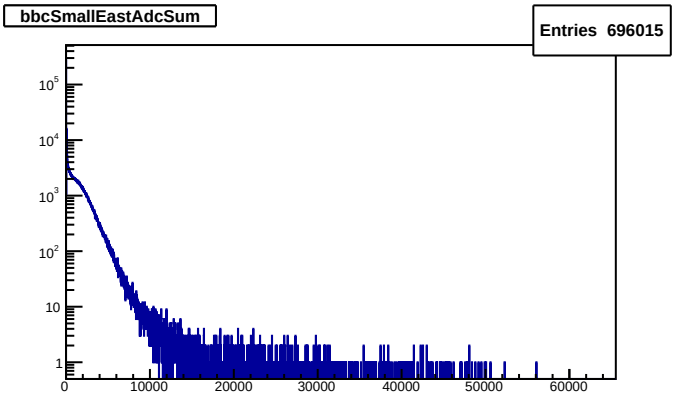

EQ2 QTC
Entries 6.681744e+07
TADC
QT Input Channel

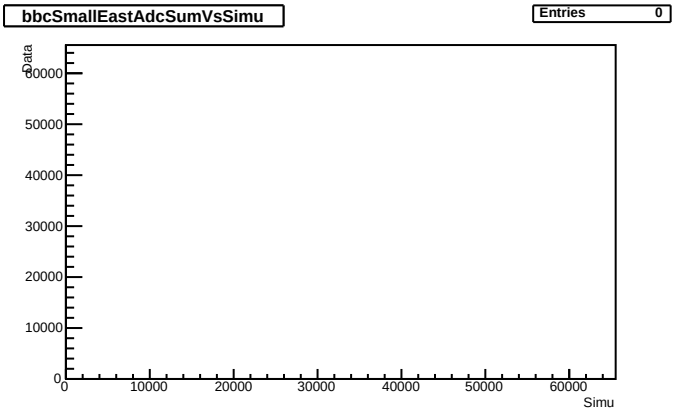

EQ3 QTB
Entries 1.781798e+08
ADC
QT Input Channel

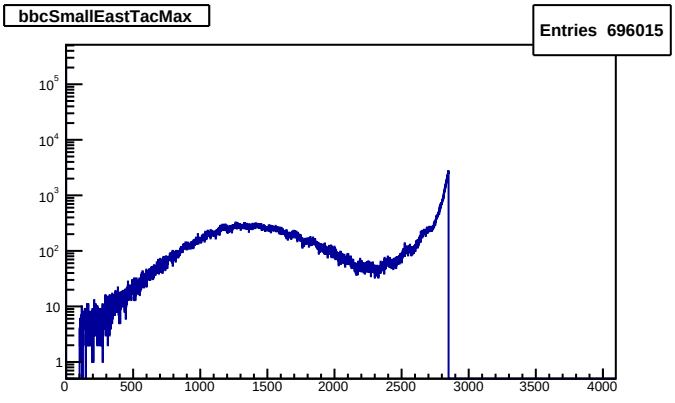

EQ3 QTB
Entries 5.483273e+07
TDC
QT Input Channel

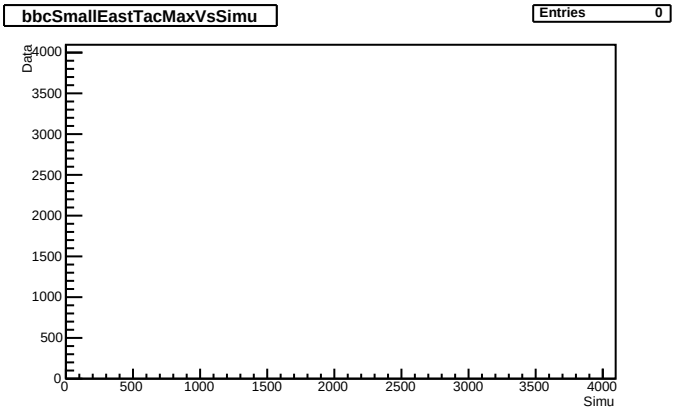

EQ3 QTC
Entries 6.681744e+07
ADC
QT Input Channel

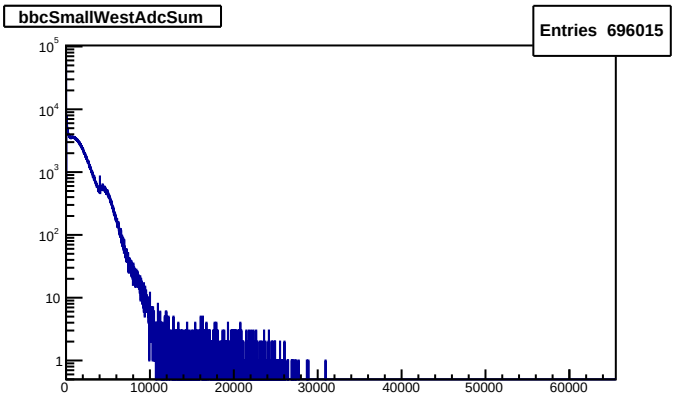

EQ3 QTC
Entries 6.681744e+07
TADC
QT Input Channel

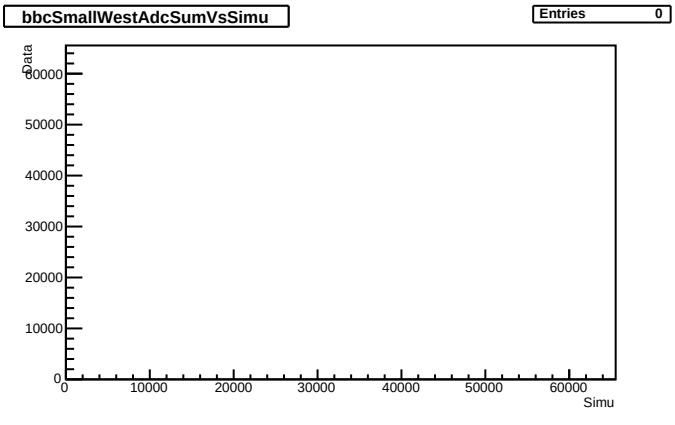

bbcSmallEastAdcSum
Entries 696015

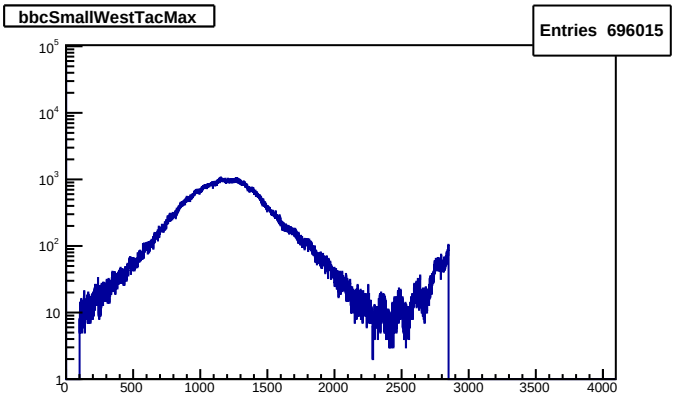

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

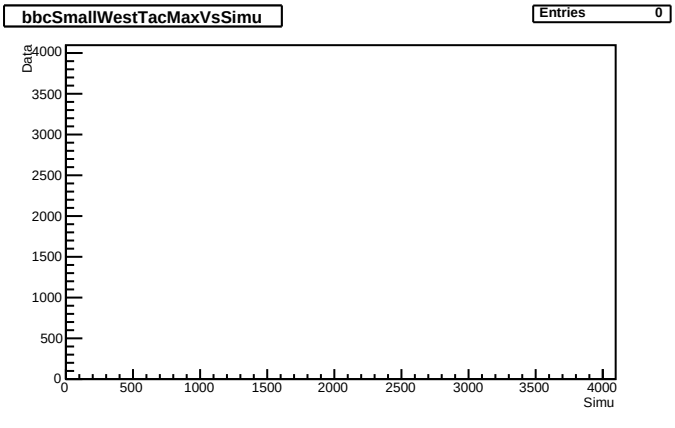

bbcSmallEastTacMax
Entries 696015

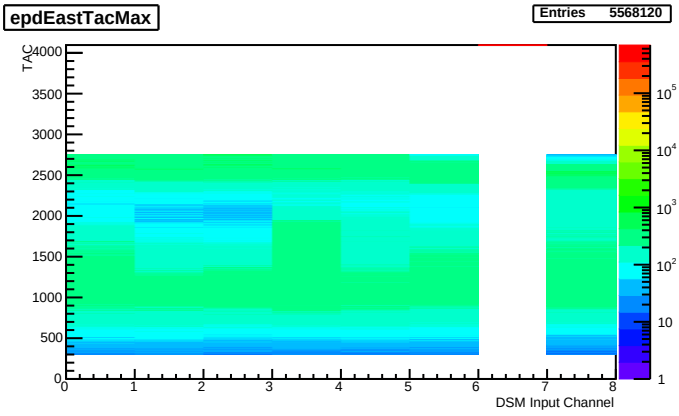

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

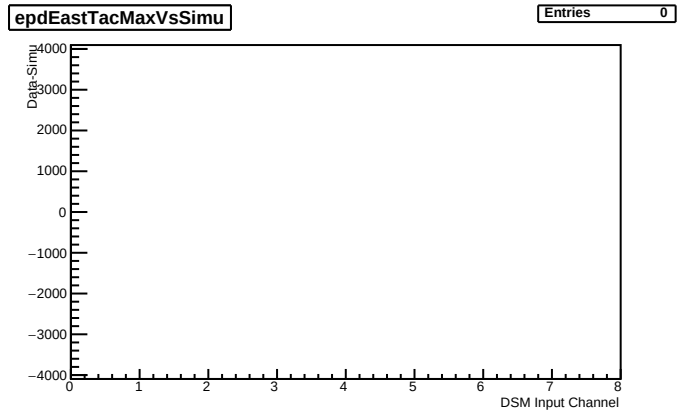

bbcSmallWestAdcSum
Entries 696015

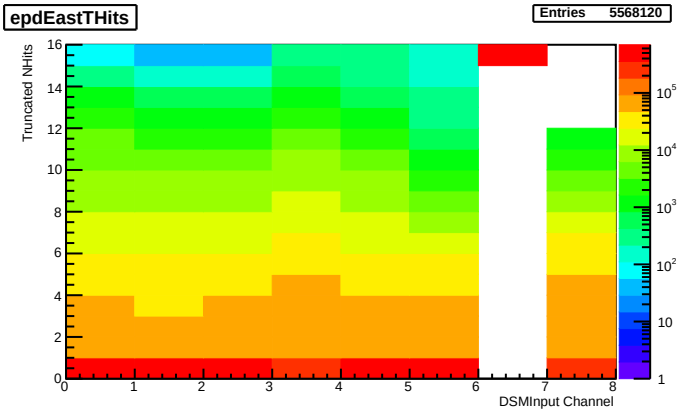

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

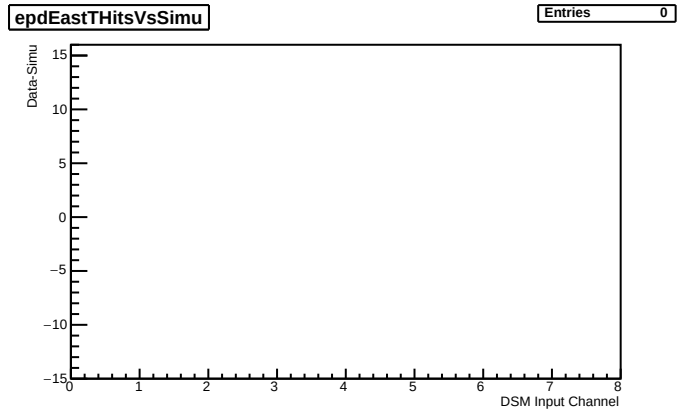

bbcSmallWestTacMax
Entries 696015

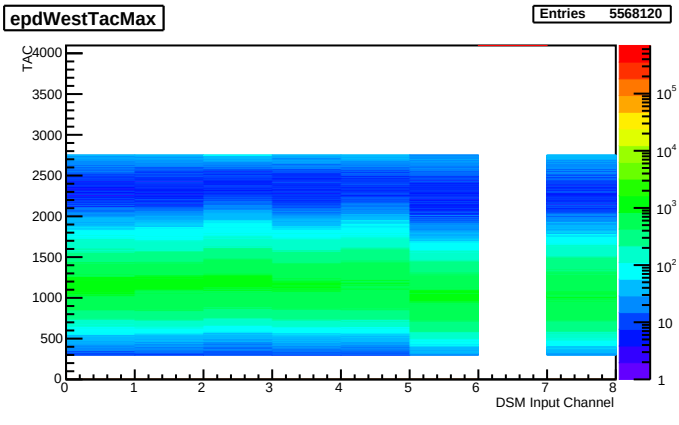

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

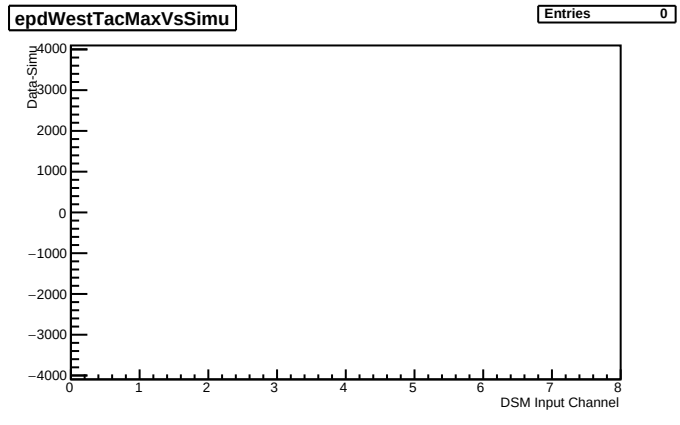

epdEastTacMax
Entries 5568120
TAC
DSM Input Channel

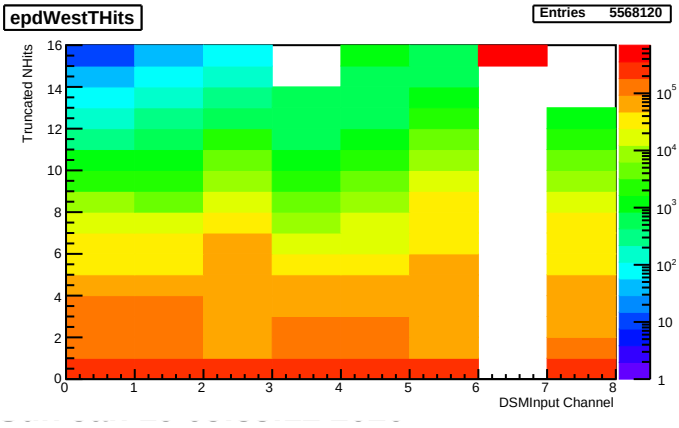

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

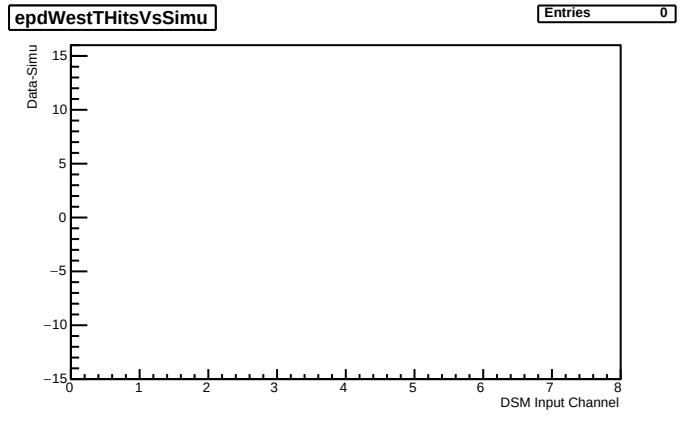

epdEastTHits
Entries 5568120
Truncated NHits
DSMInput Channel

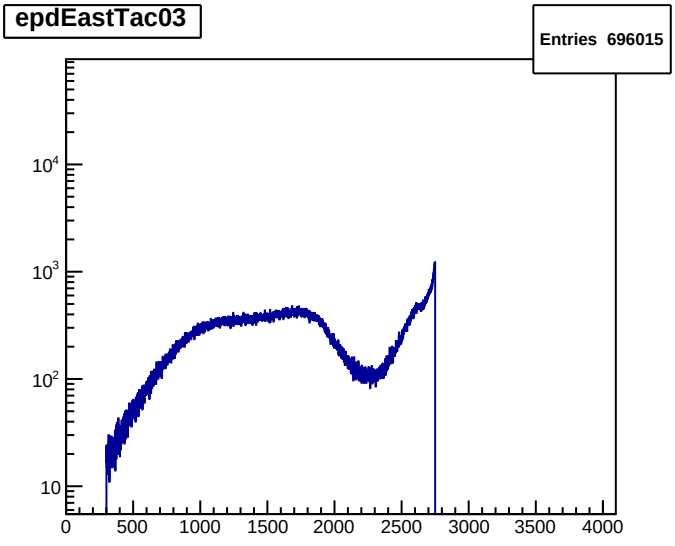

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

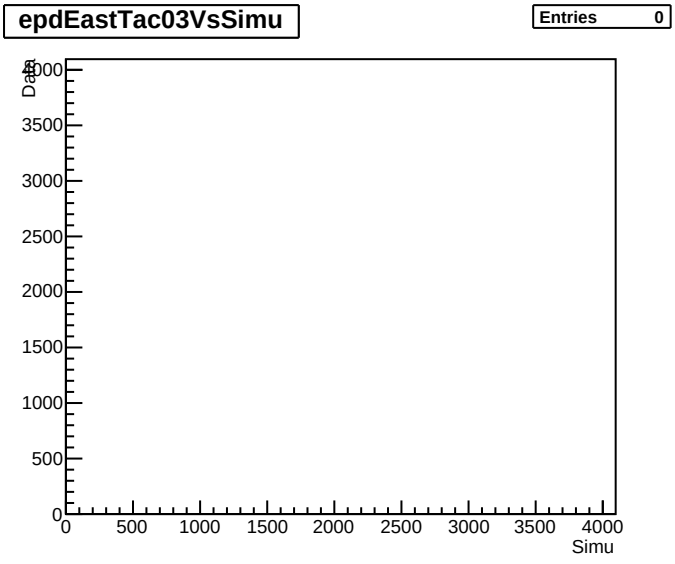

epdWestTacMax
Entries 5568120
TAC
DSM Input Channel

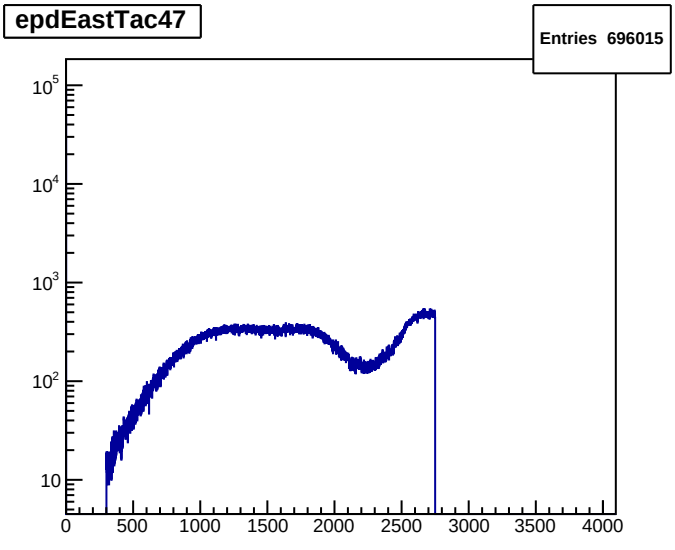

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

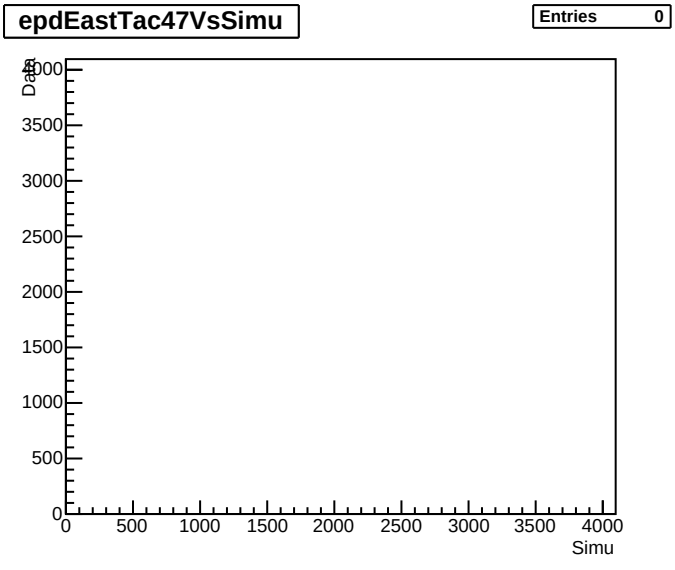

epdWestTHits
Entries 5568120
Truncated NHits
DSMInput Channel

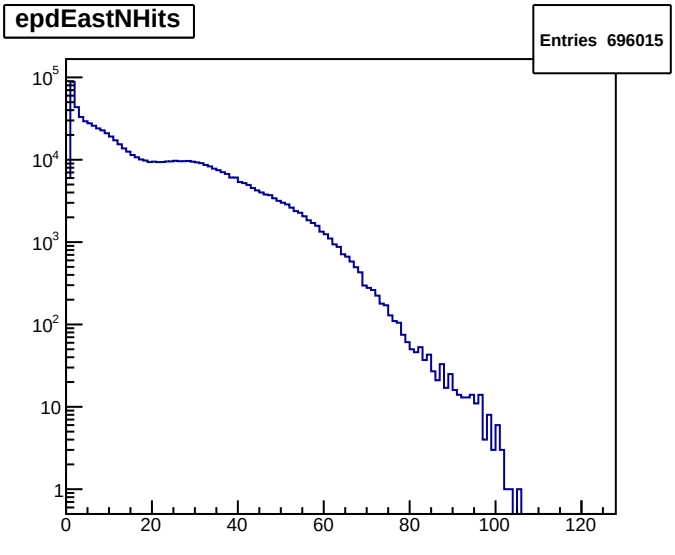

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

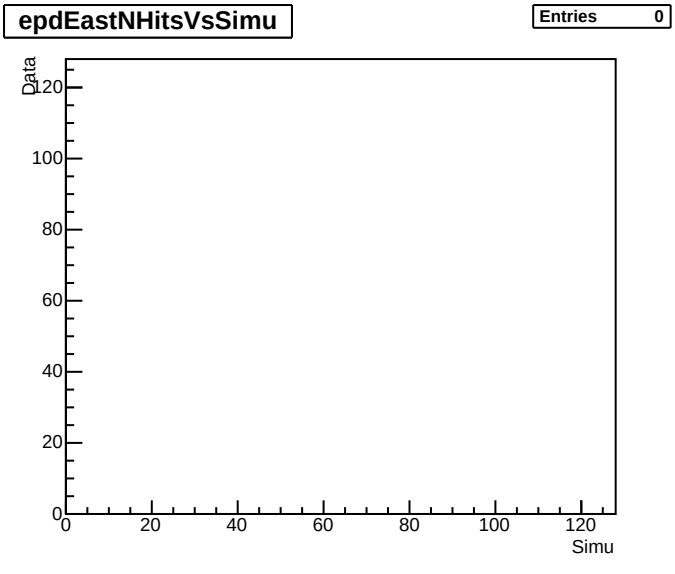

epdEastTac03
Entries 696015

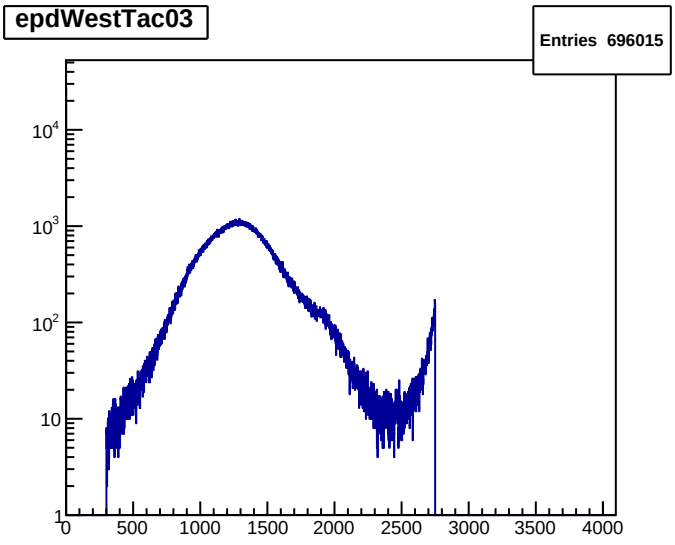

epdEastTac03VsSimu
Entries 0
Data
Simu

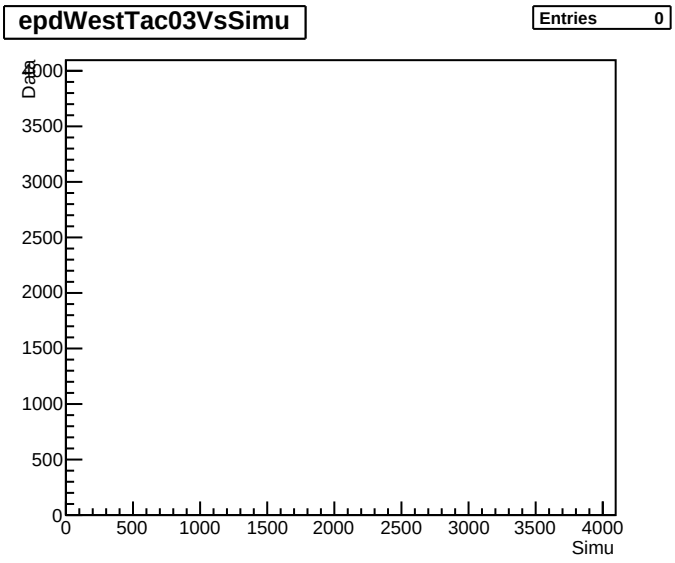

epdEastTac47
Entries 696015

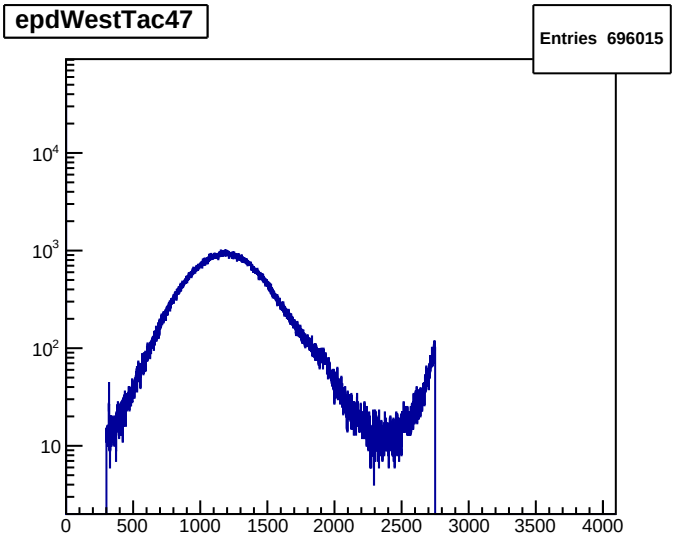

epdEastTac47VsSimu
Entries 0
Data
Simu

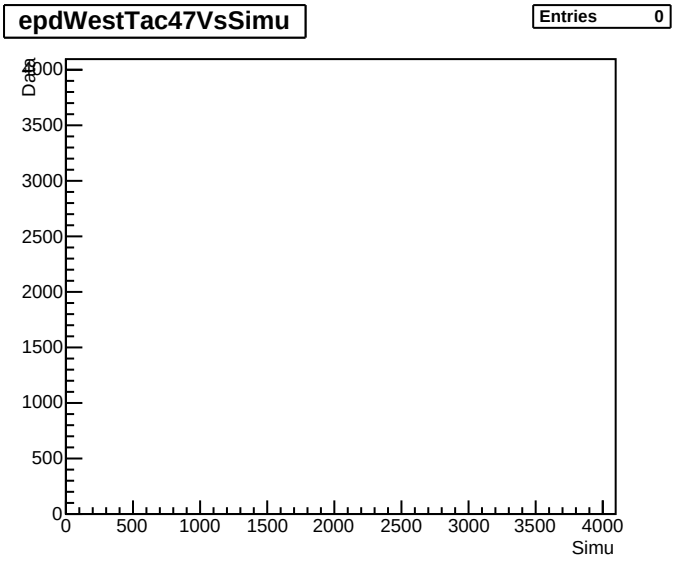

epdEastNHits
Entries 696015

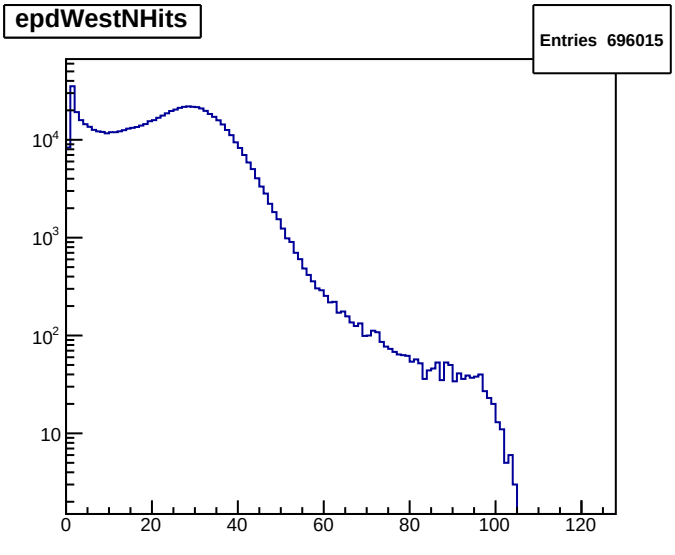

epdEastNHitsVsSimu
Entries 0
Data
Simu

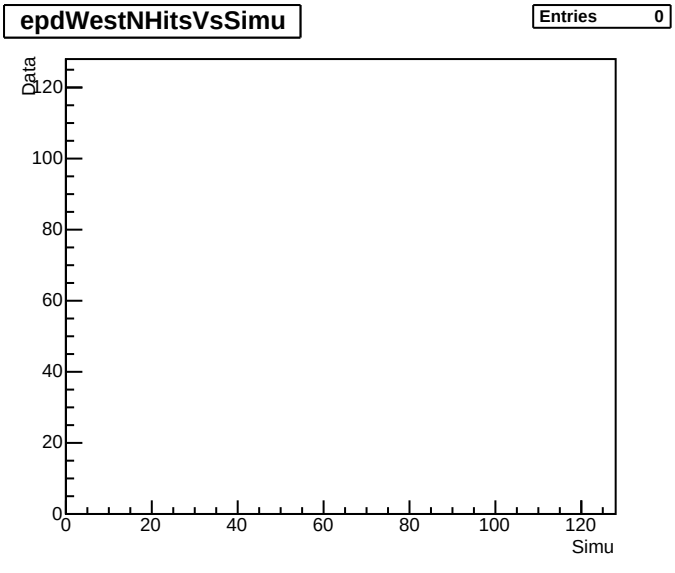

epdWestTac03
Entries 696015

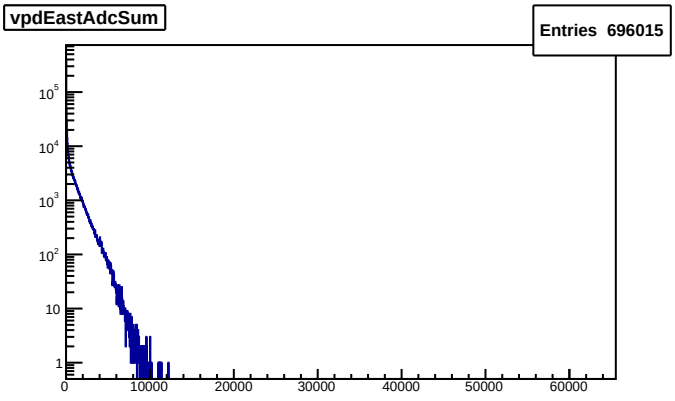

epdWestTac03VsSimu
Entries 0
Data
Simu

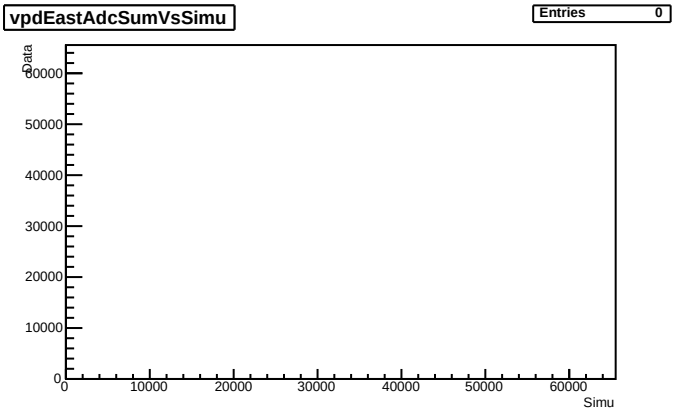

epdWestTac47
Entries 696015

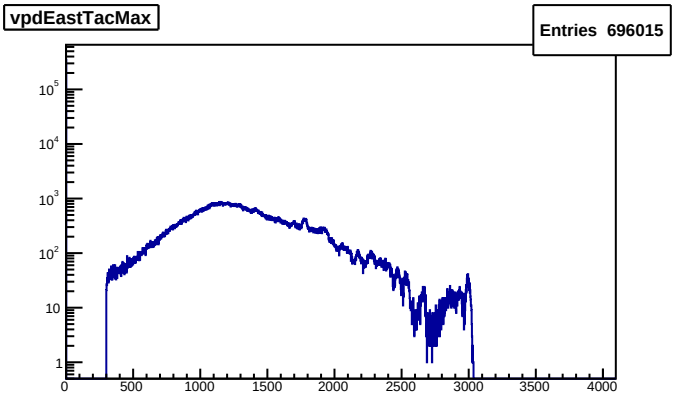

epdWestTac47VsSimu
Entries 0
Data
Simu

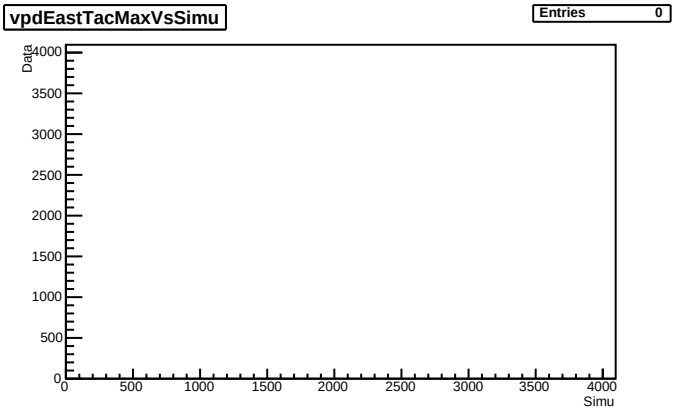

epdWestNHits
Entries 696015

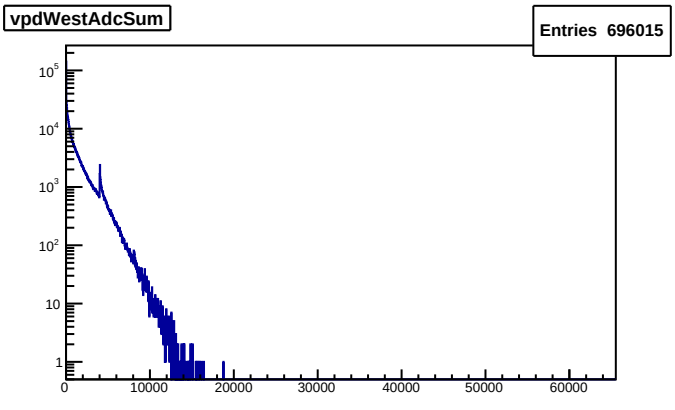

epdWestNHitsVsSimu
Entries 0
Data
Simu

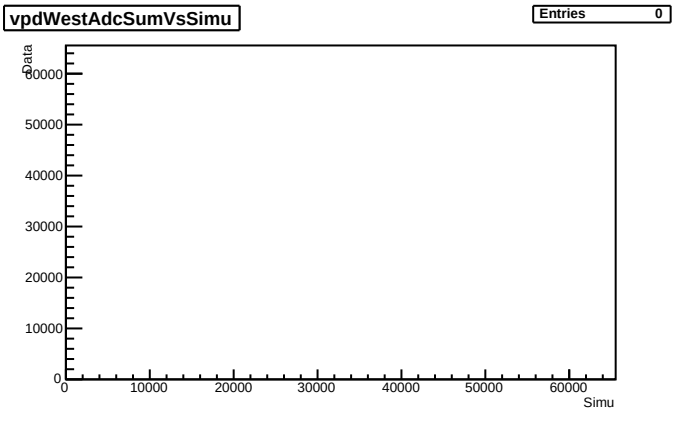

vpdEastAdcSum
Entries 696015

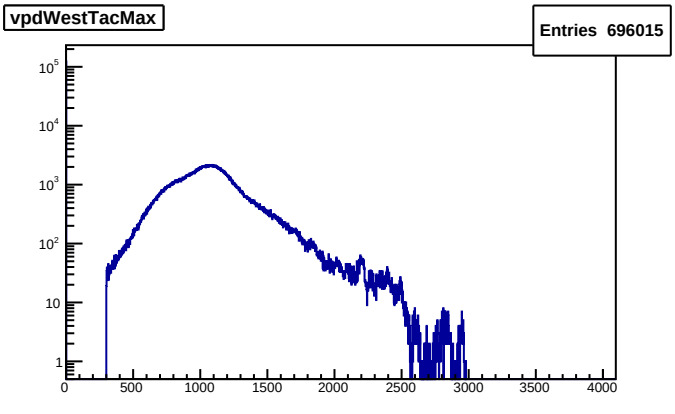

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

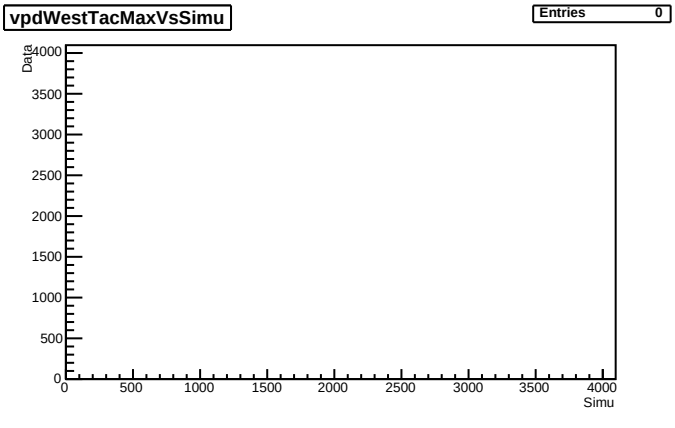

vpdEastTacMax
Entries 696015

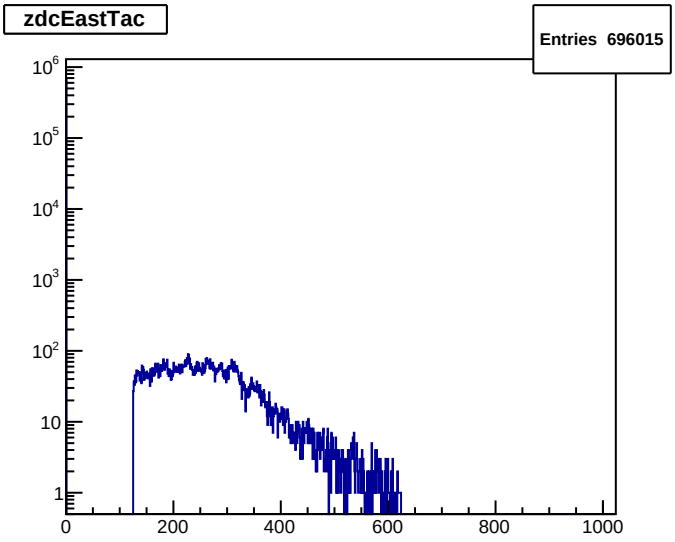

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

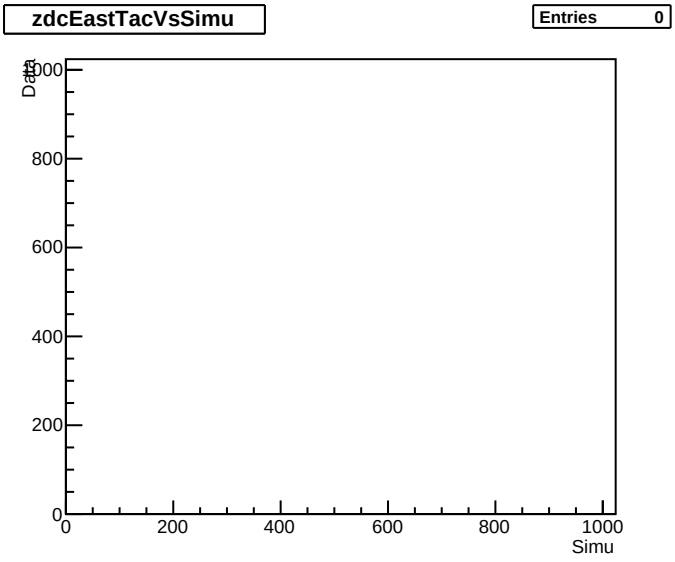

vpdWestAdcSum
Entries 696015

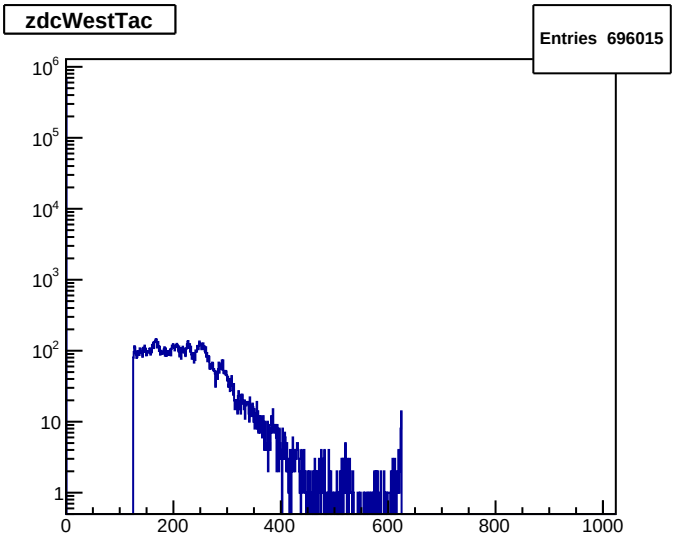

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

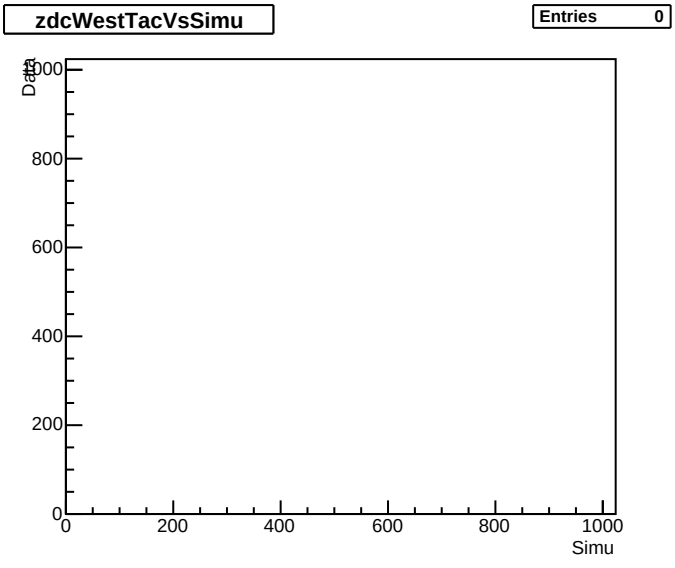

vpdWestTacMax
Entries 696015

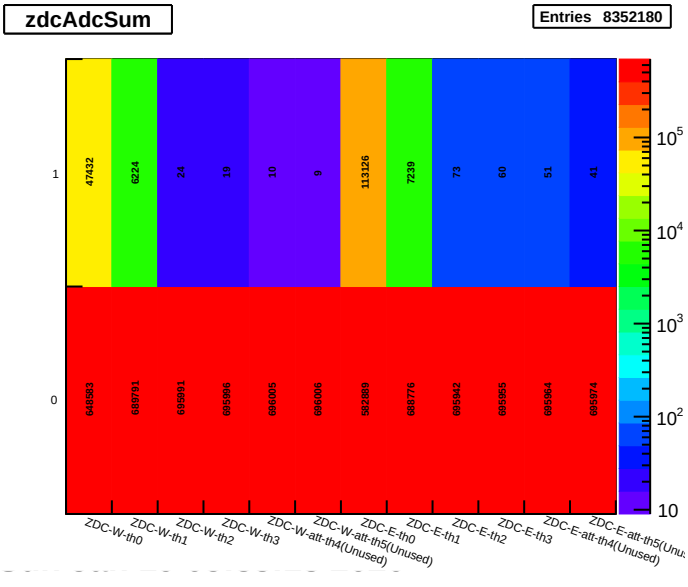

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

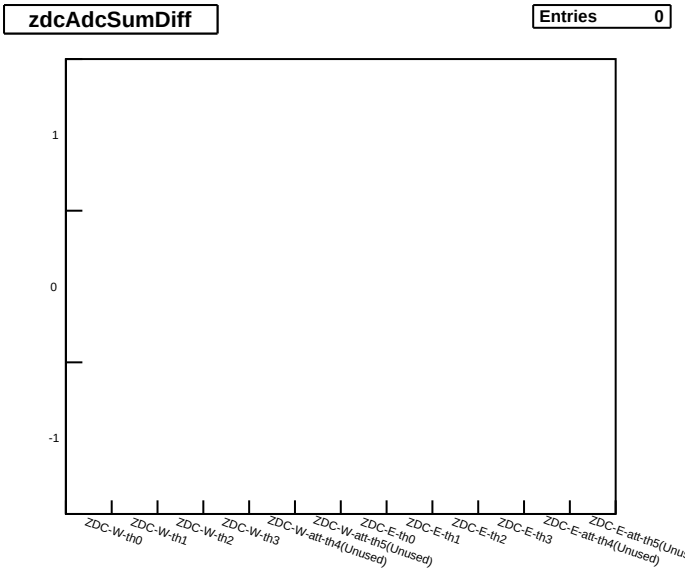

zdcEastTac
Entries 696015

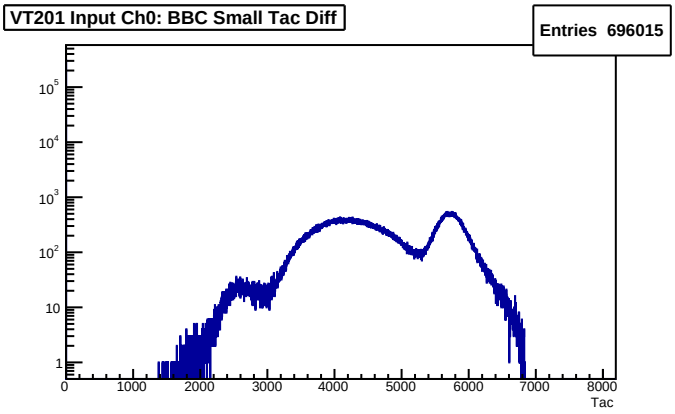

zdcEastTacVsSimu
Entries 0
Data
Simu

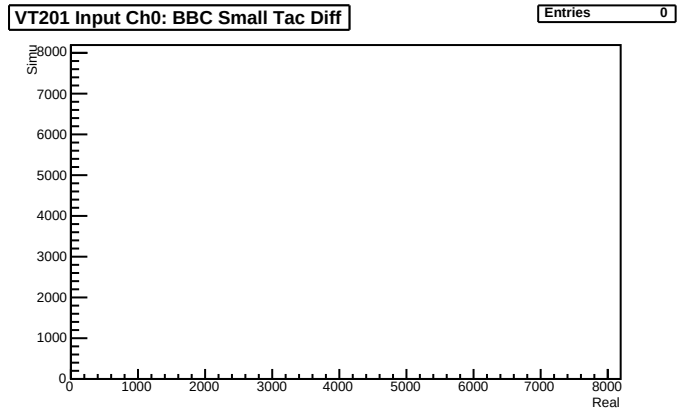

zdcWestTac
Entries 696015

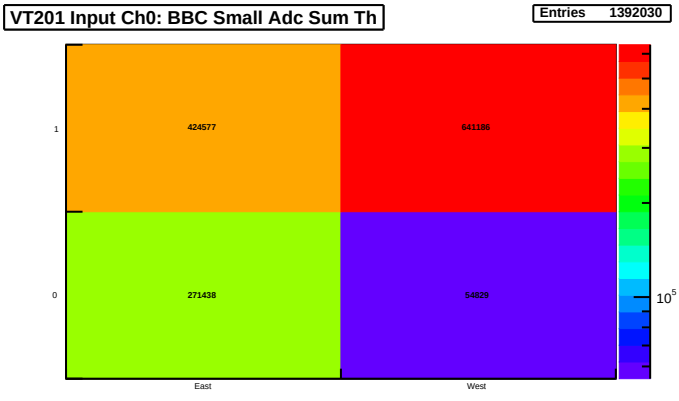

zdcWestTacVsSimu
Entries 0
Data
Simu

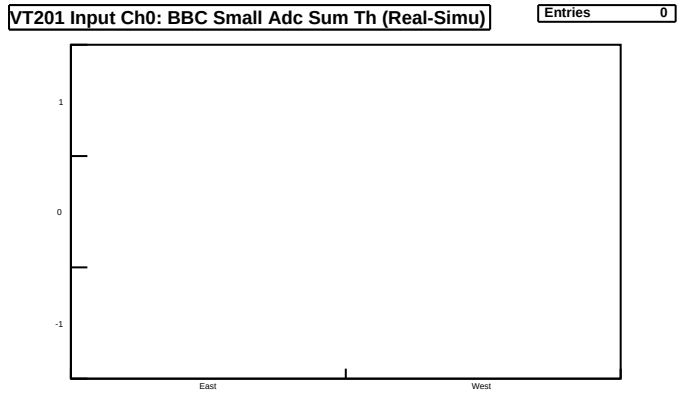

zdcAdcSum
Entries 8352180
47432
6224
24
19
10
9
113126
7239
73
60
51
41
648583
689791
695991
695996
696005
696006
582889
688776
695942
695955
695964
695974
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

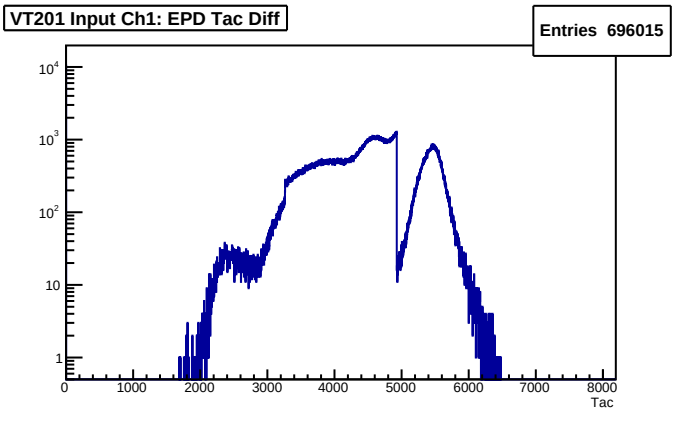

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

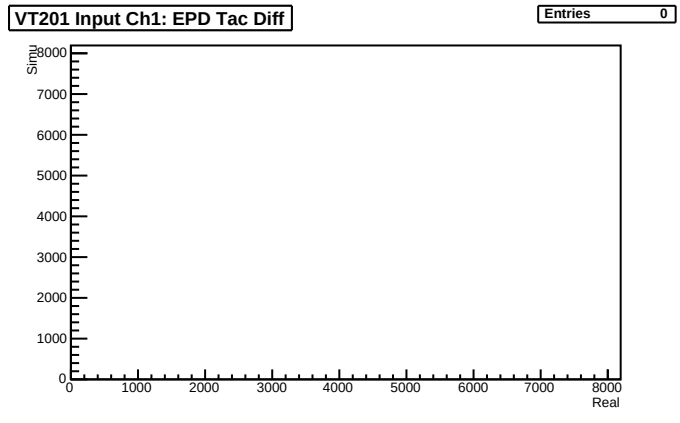

VT201 Input Ch0: BBC Small Tac Diff
Entries 696015
Tac

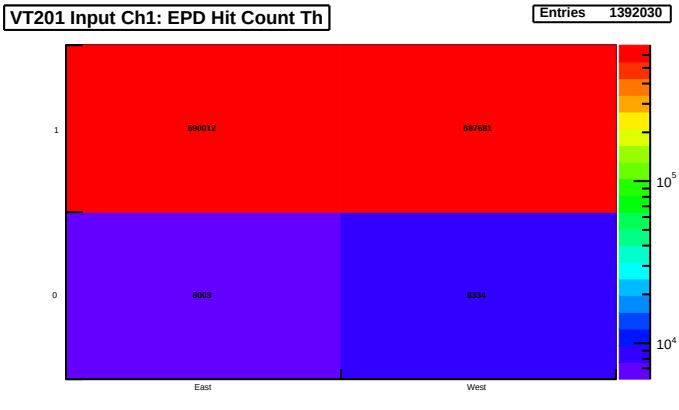

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

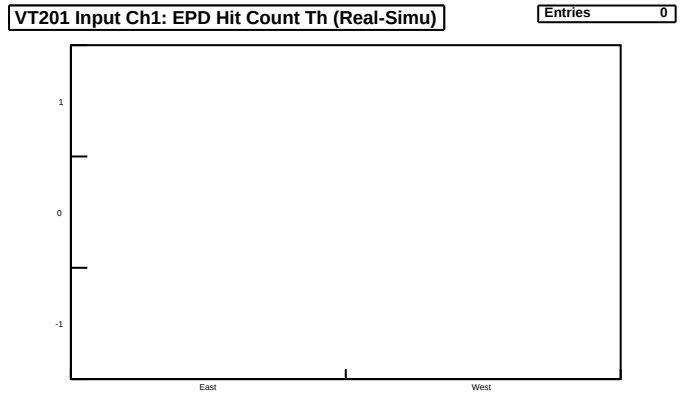

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1392030
424577
641186
271438
54829
East
West

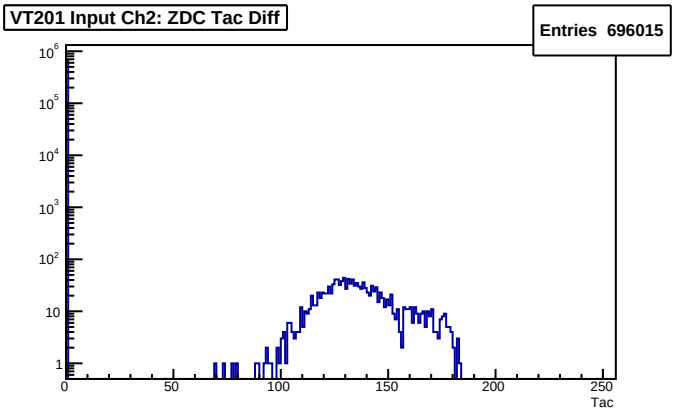

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

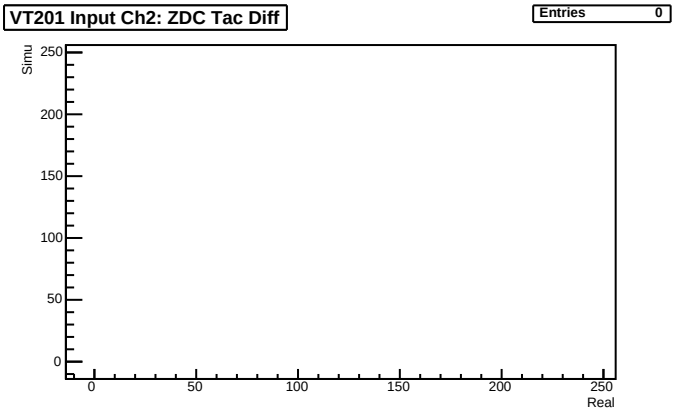

VT201 Input Ch1: EPD Tac Diff
Entries 696015
Tac

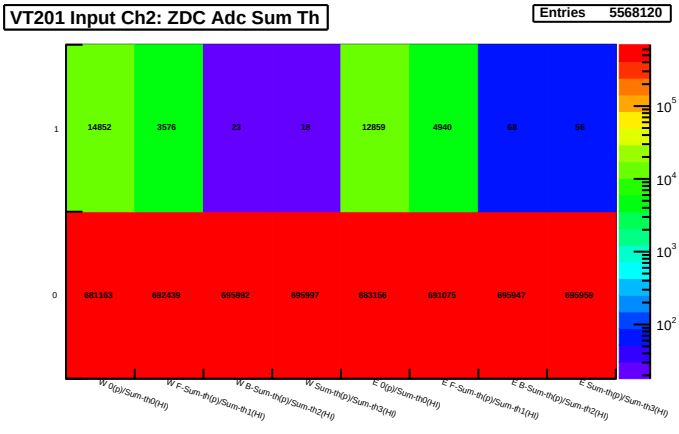

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

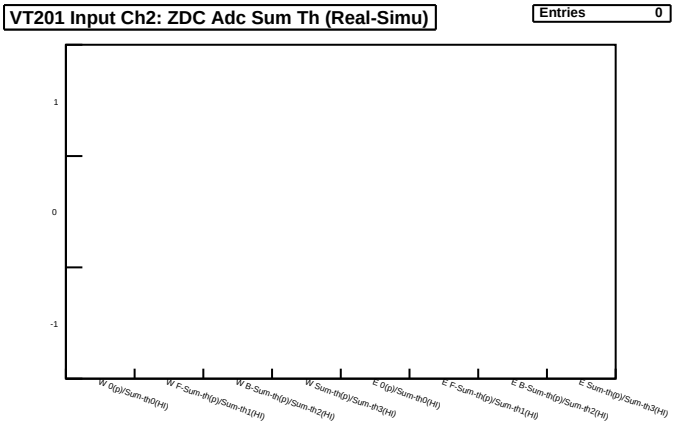

VT201 Input Ch1: EPD Hit Count Th
Entries 1392030
690012
687681
6003
8334
East
West

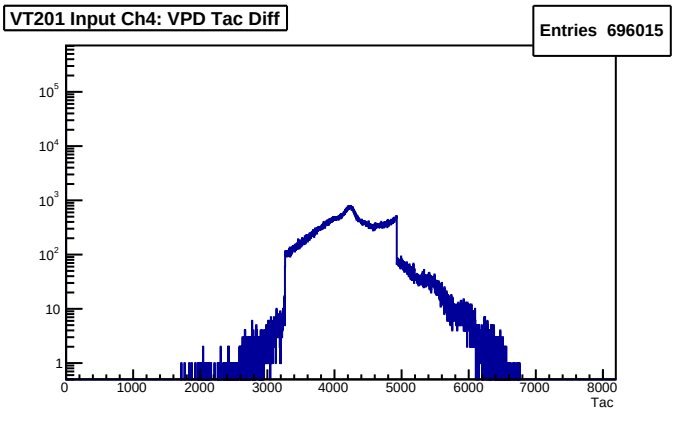

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

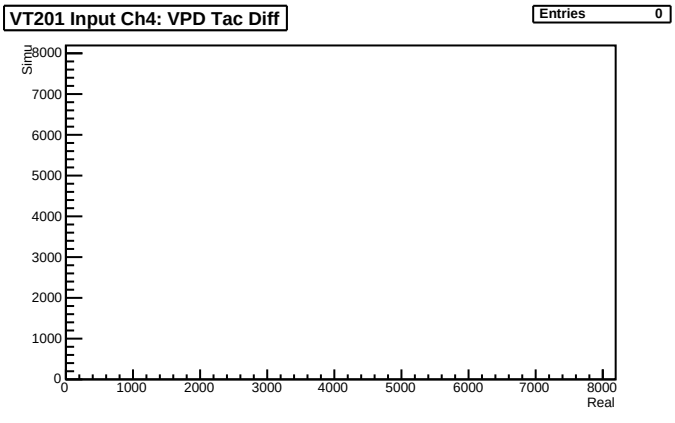

VT201 Input Ch2: ZDC Tac Diff
Entries 696015
Tac

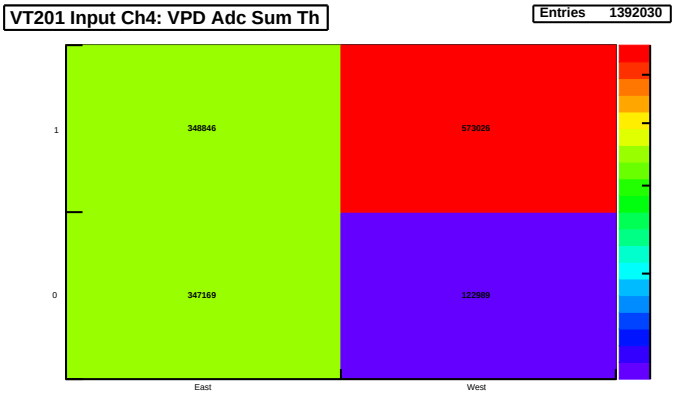

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

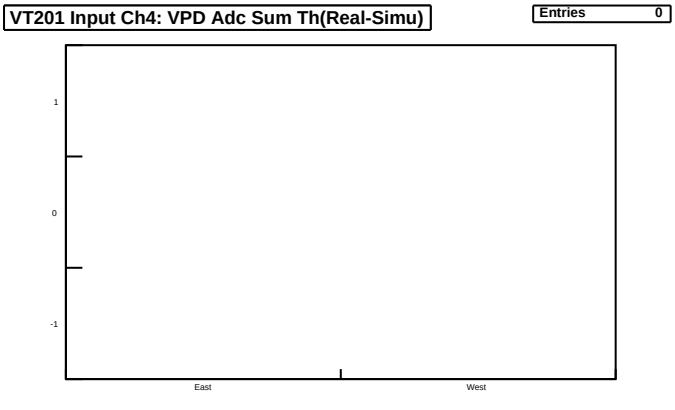

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5568120
14852
3576
23
18
12859
4940
68
56
681163
692439
695992
695997
683156
691075
695947
695959
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

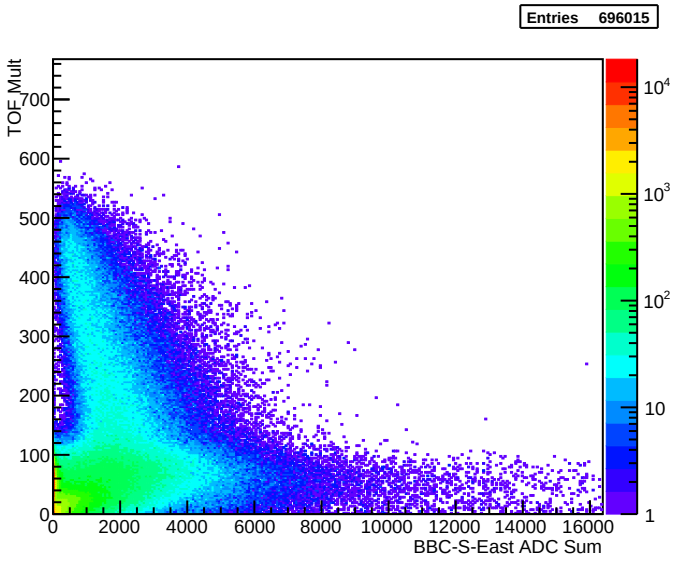

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

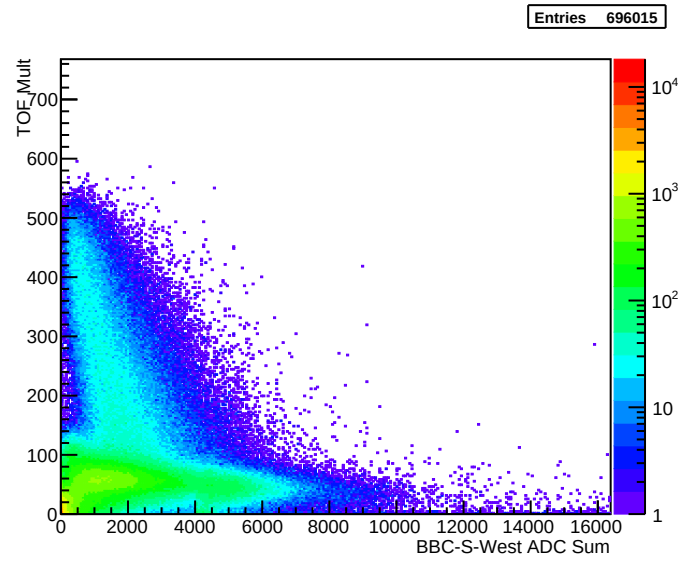

VT201 Input Ch4: VPD Tac Diff
Entries 696015
Tac

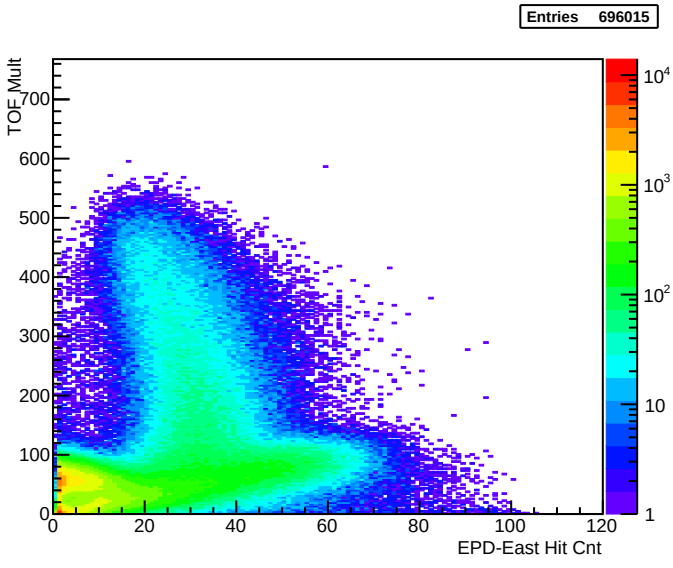

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

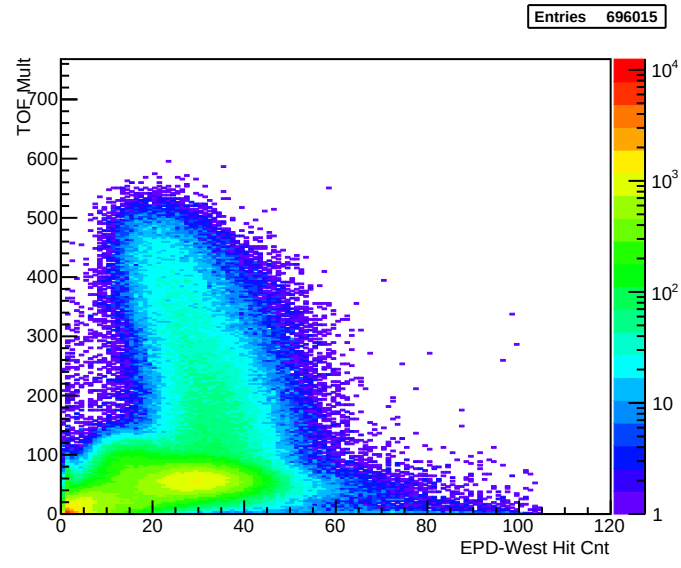

VT201 Input Ch4: VPD Adc Sum Th
Entries 1392030
348846
573026
347169
122989
East
West

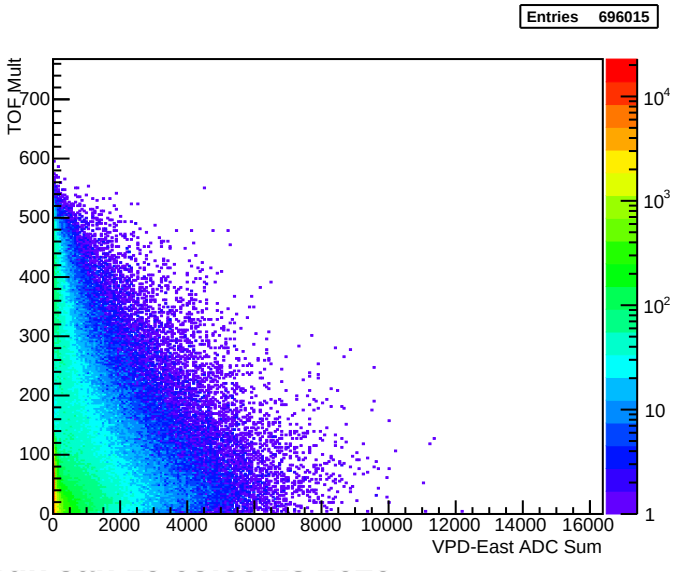

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

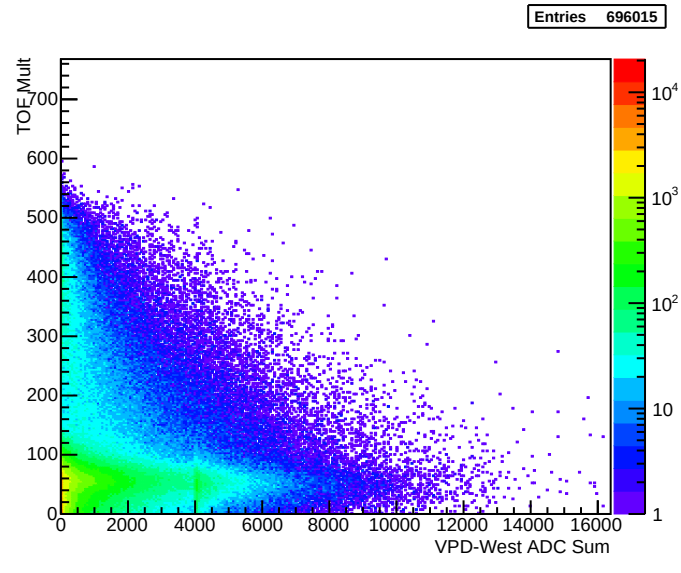

Entries 696015
TOF_Mult
BBC-S-East ADC Sum

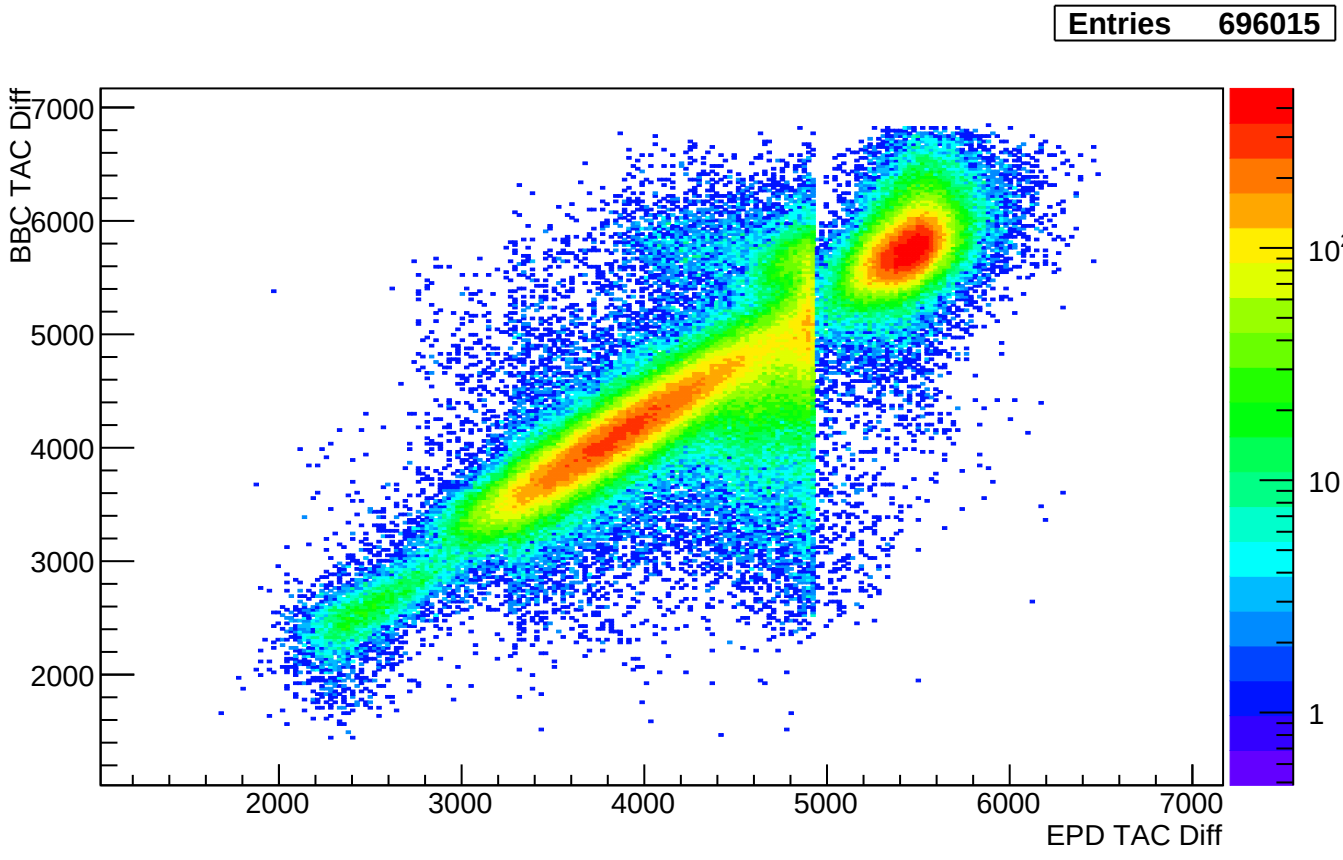

Entries 696015
TOF_Mult
BBC-S-West ADC Sum

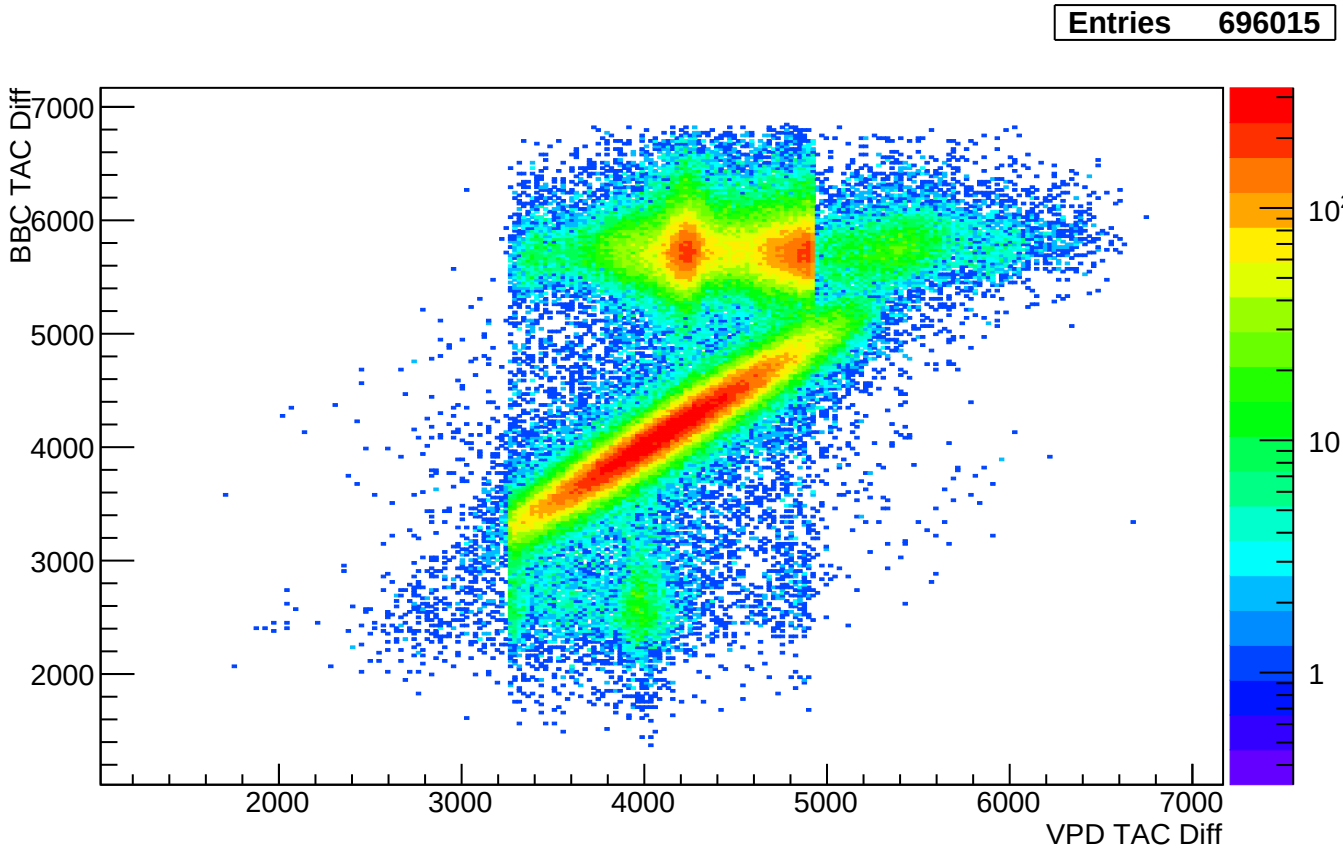

Entries 696015
TOF_Mult
EPD-East Hit Cnt

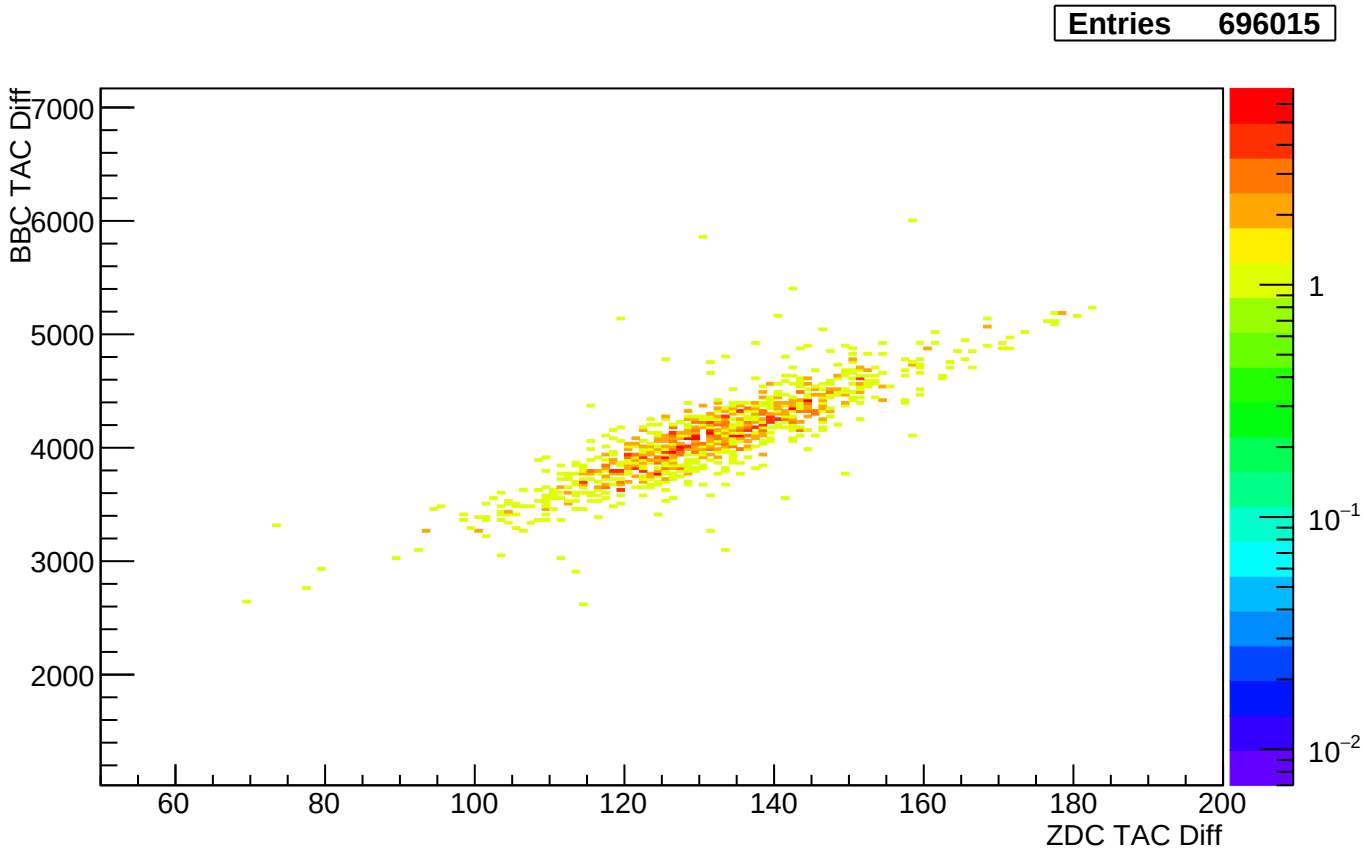

Entries 696015
TOF_Mult
EPD-West Hit Cnt

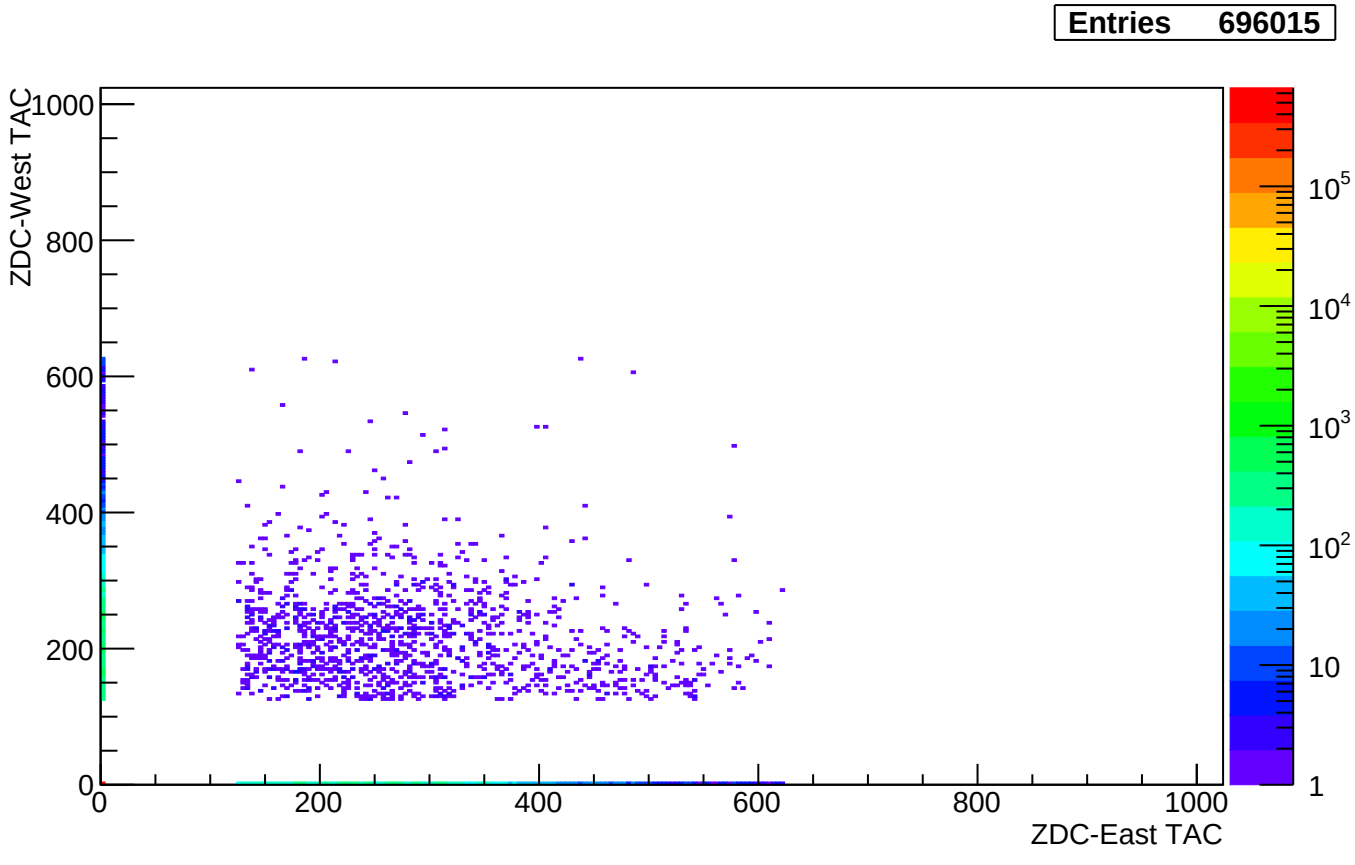

Entries 696015
TOF_Mult
VPD-East ADC Sum

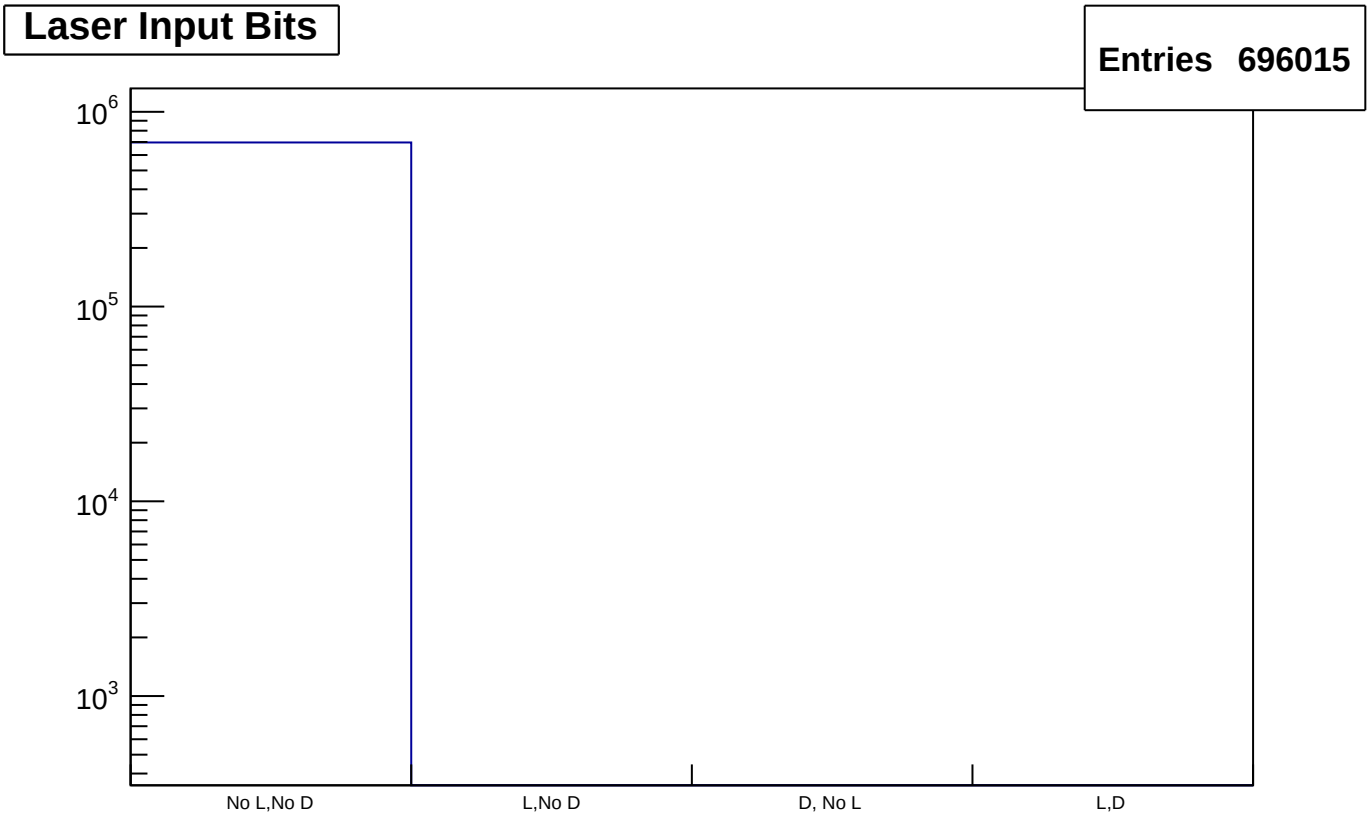

Entries 696015
TOF_Mult
VPD-West ADC Sum

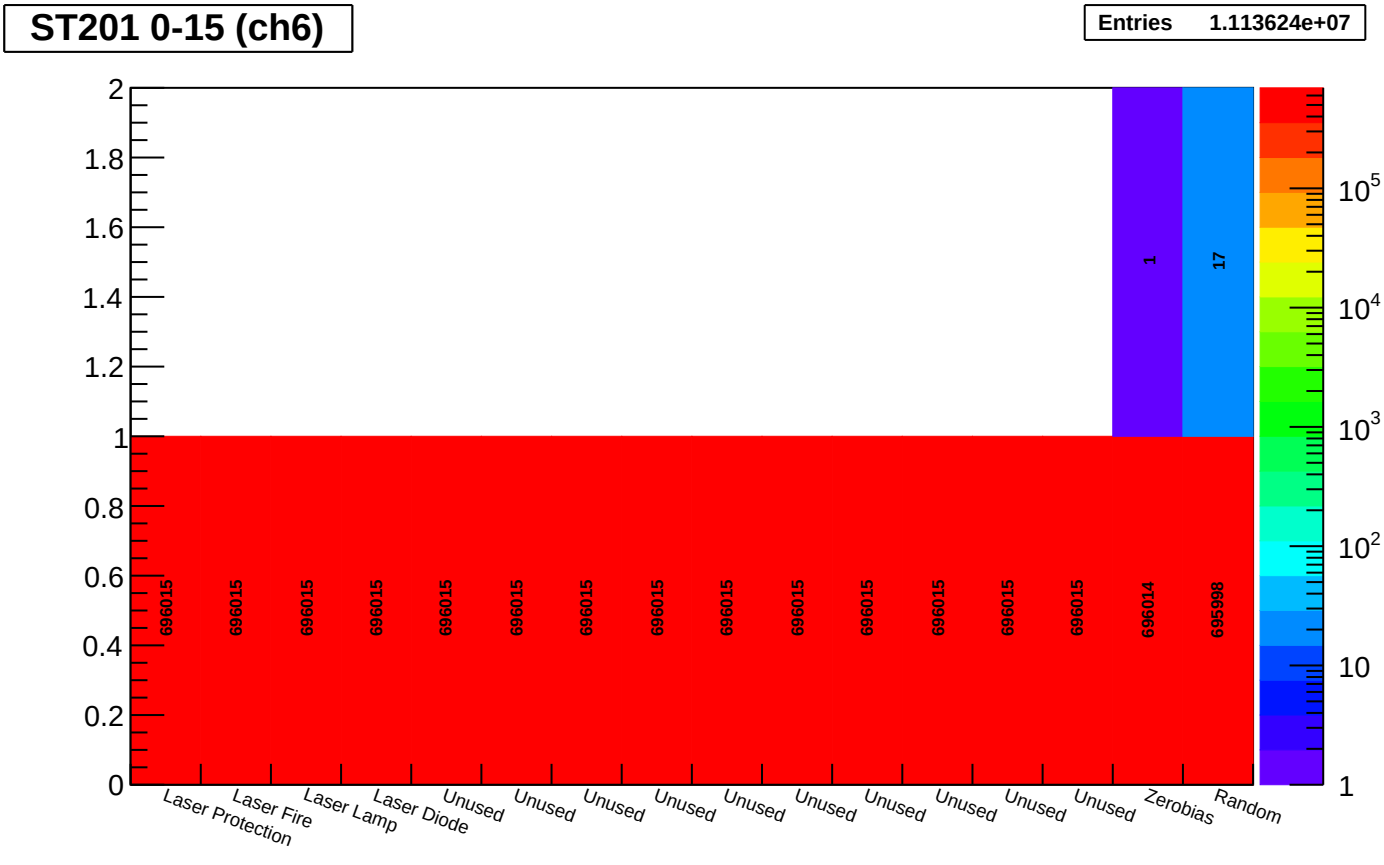

Entries 696015
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

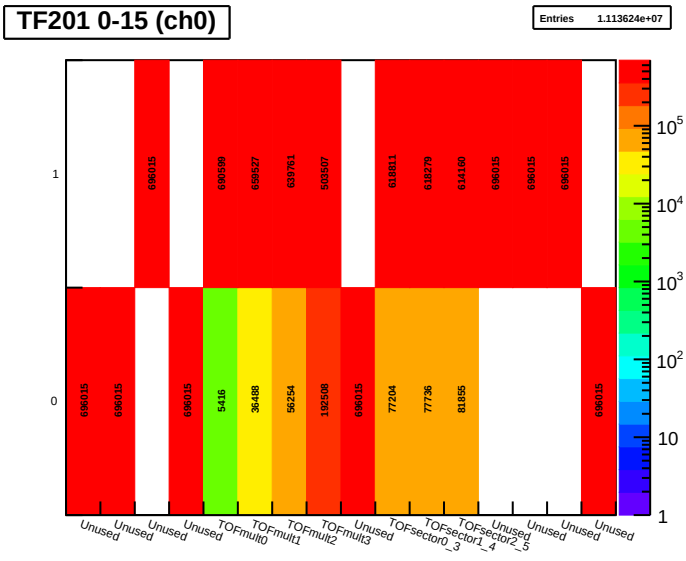

Entries 696015
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

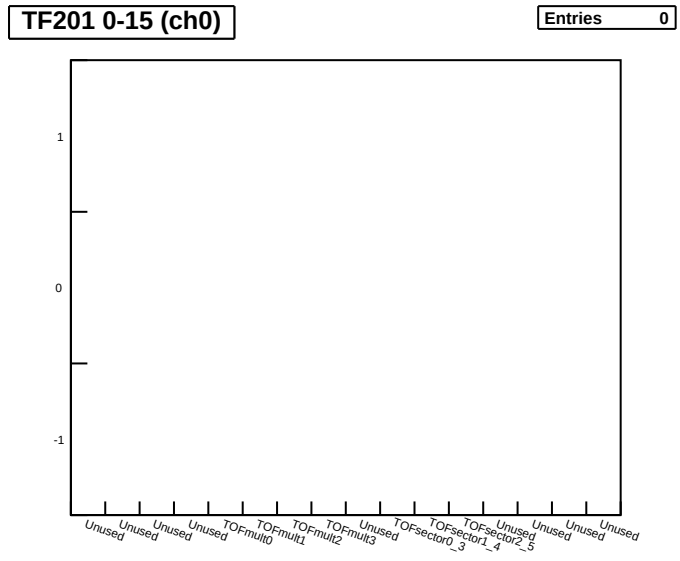

Entries 696015
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

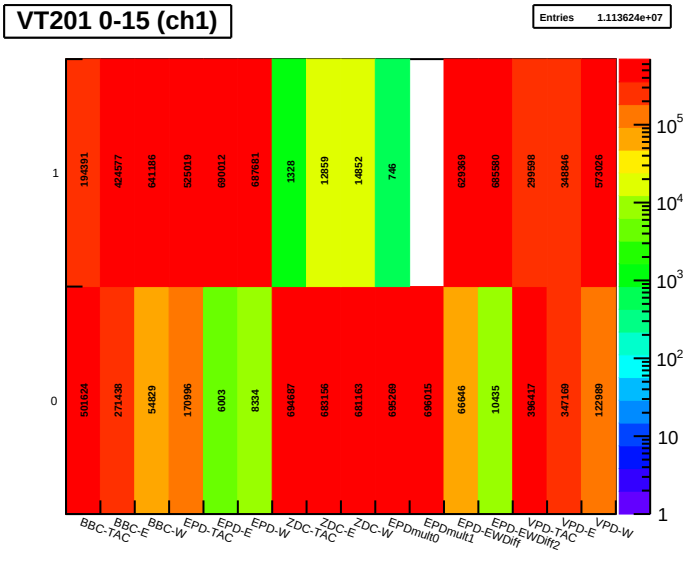

Entries 696015
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

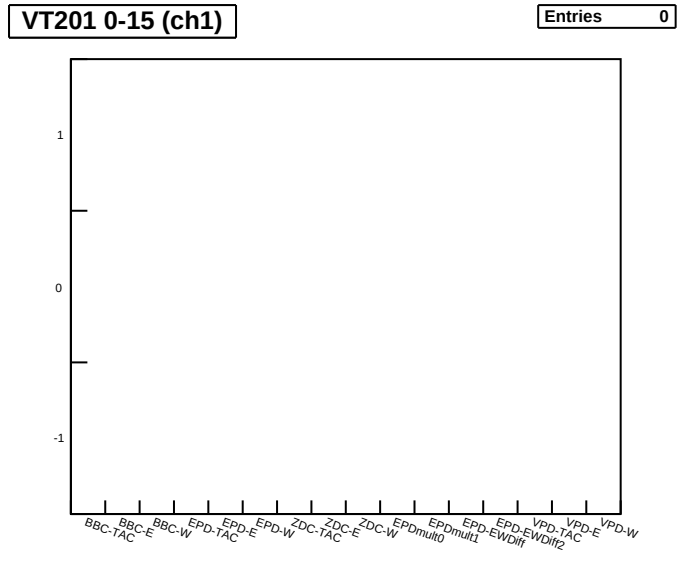

Laser Input Bits
Entries 696015
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

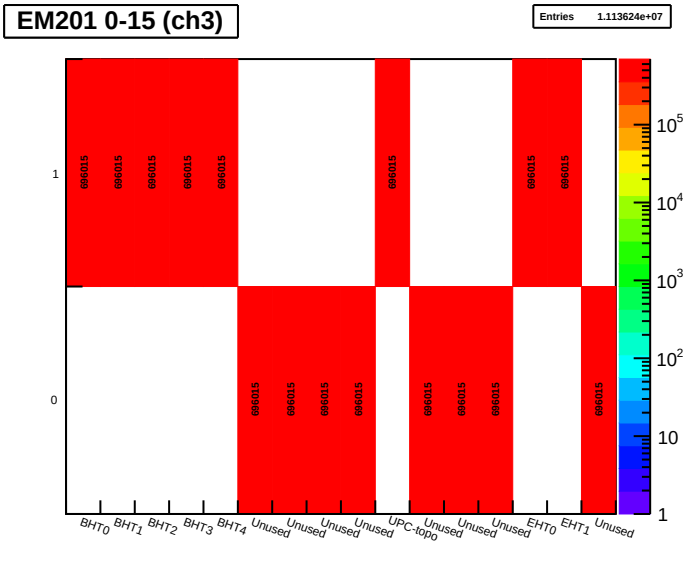

ST201 0-15 (ch6)
Entries 1.113624e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
696015
696015
696015
696015
696015
696015
696015
696015
696015
696015
696015
696015
696015
696015
696014
695998
1
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

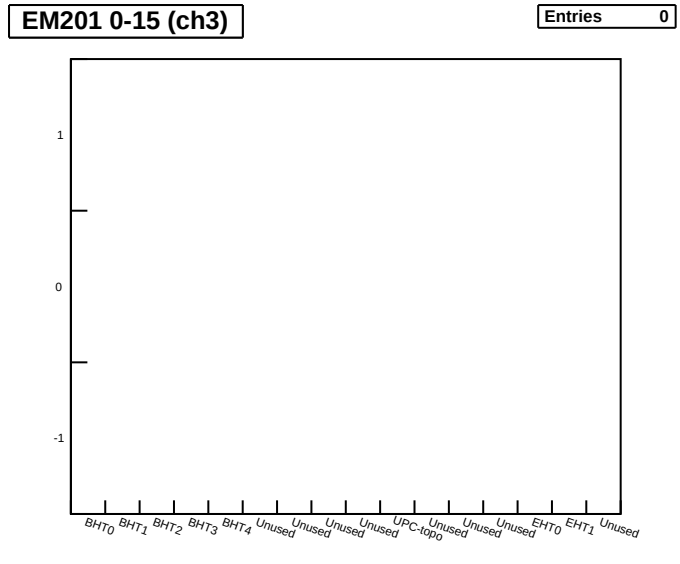

TF201 0-15 (ch0)
Entries 1.113624e+07
1
0
696015
690599
689527
639761
503507
618811
618279
614160
696015
696015
696015
696015
696015
696015
5416
36488
56254
192508
696015
77204
77736
81855
696015
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 1.113624e+07
1
0
194391
424577
641186
525019
690012
687681
1328
12859
14852
746
629369
685580
299598
348846
573026
501624
271438
54829
170996
6003
8334
694687
683156
681163
686269
696015
66646
10435
396417
347169
122989
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
1
10
10^2
10^3
10^4
10^5


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 1.113624e+07
1
0
696015
696015
696015
696015
696015
696015
696015
696015
696015
696015
696015
696015
696015
696015
696015
696015
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1