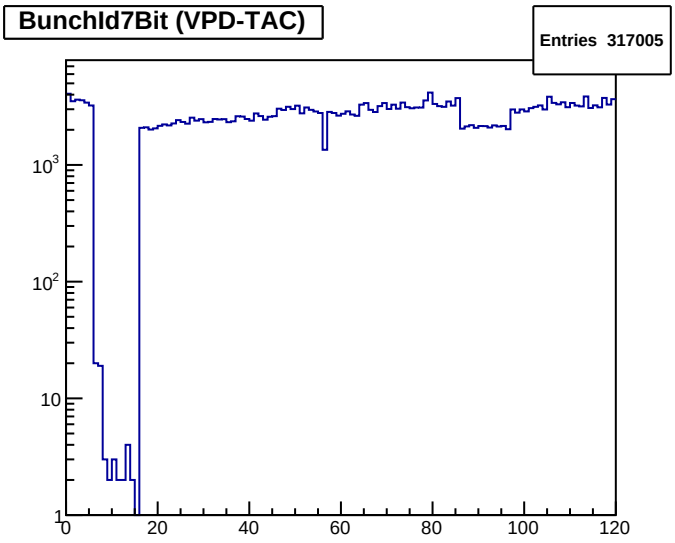
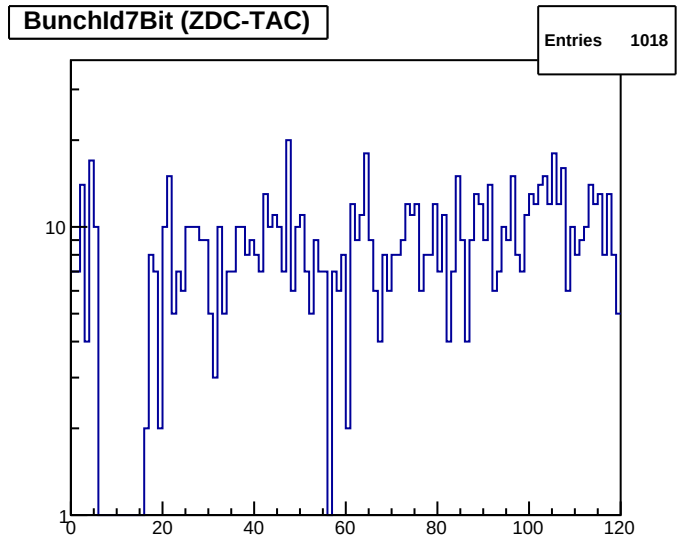
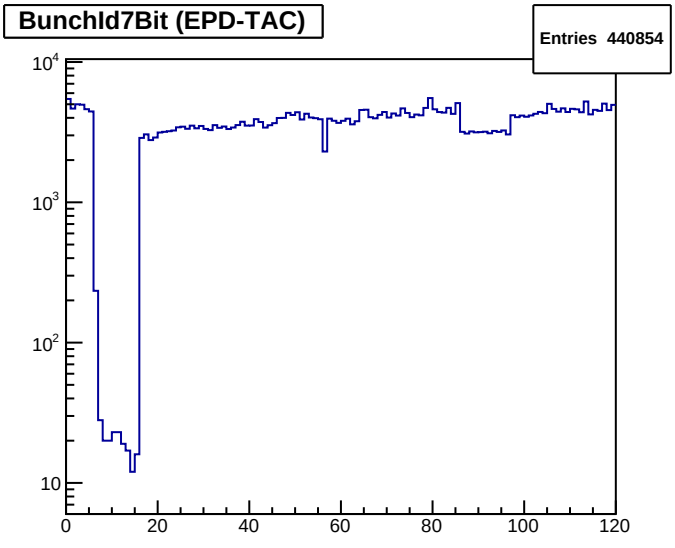
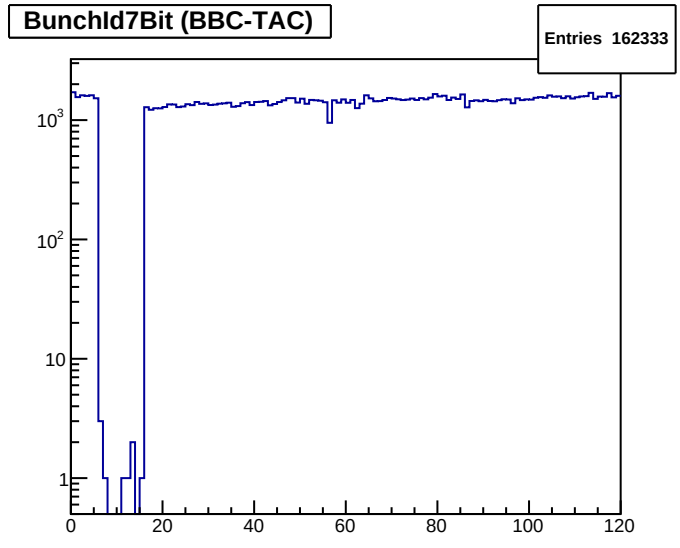
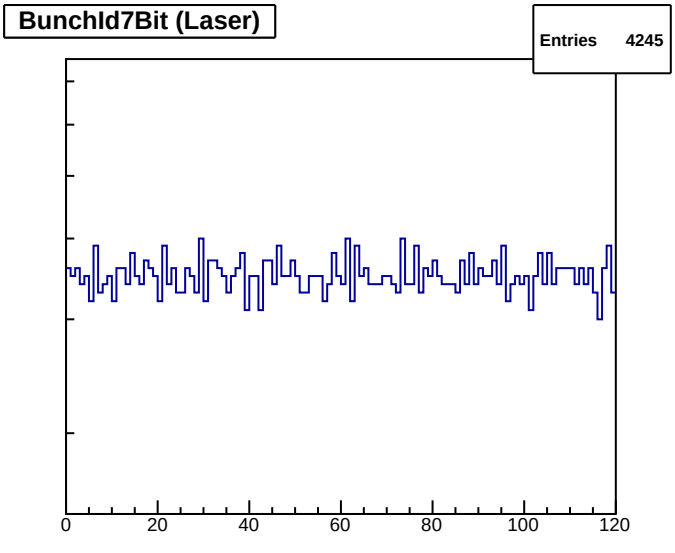
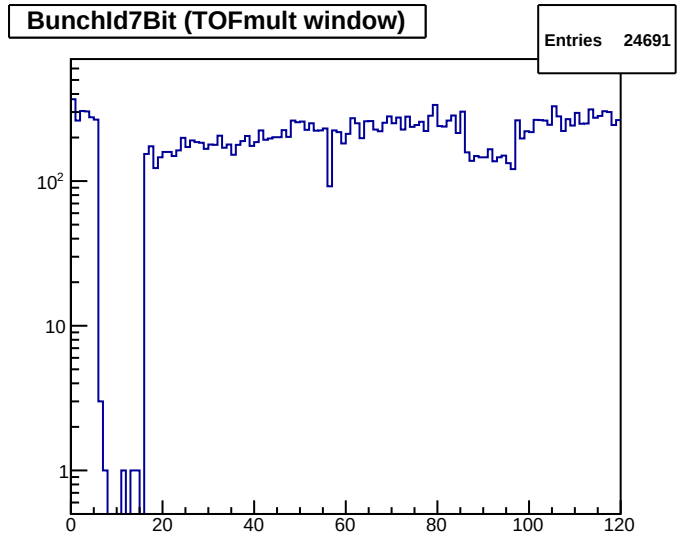

BunchId7Bit (VPD-TAC)
Entries 317005

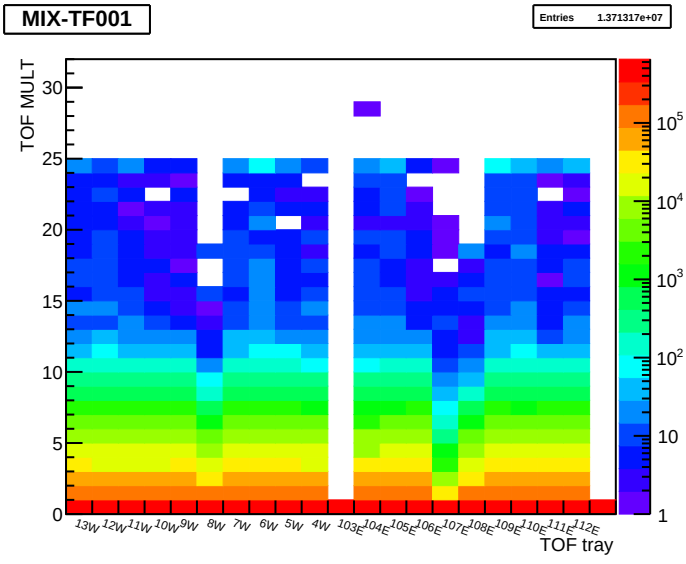

BunchId7Bit (ZDC-TAC)
Entries 1018

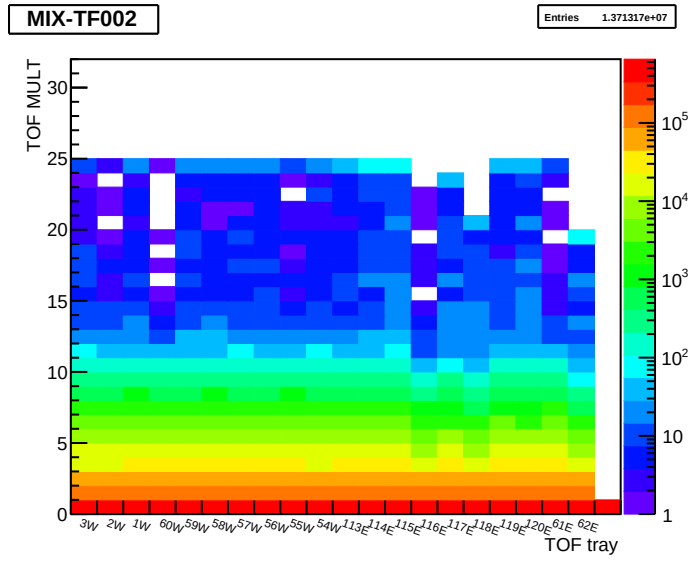

BunchId7Bit (EPD-TAC)
Entries 440854

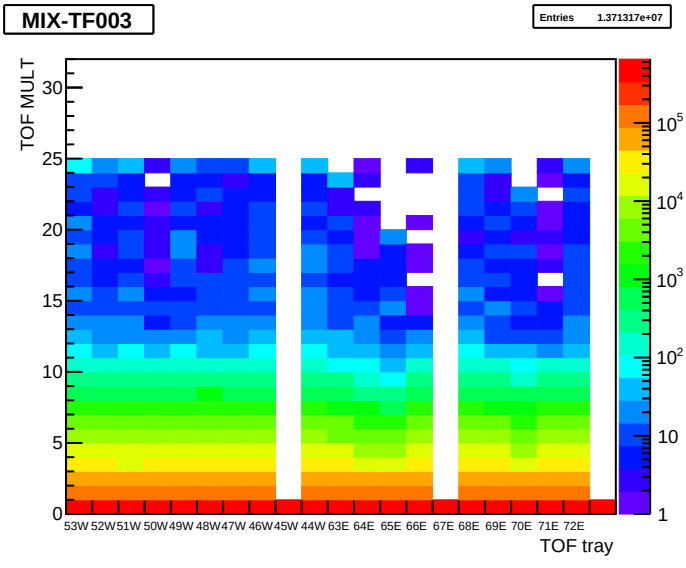

BunchId7Bit (BBC-TAC)
Entries 162333

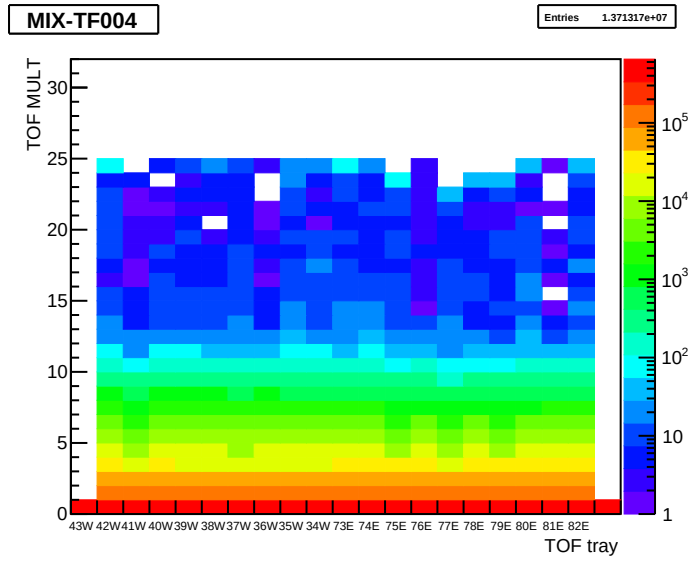

BunchId7Bit (Laser)
Entries 4245

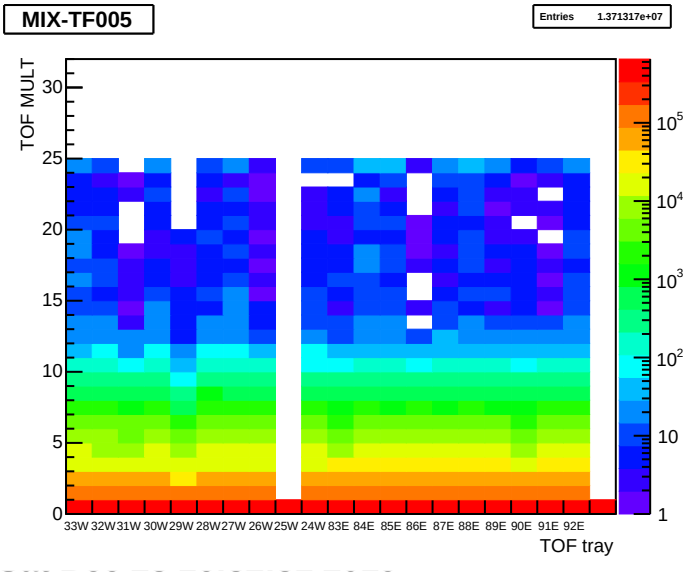

BunchId7Bit (TOFmult window)
Entries 24691

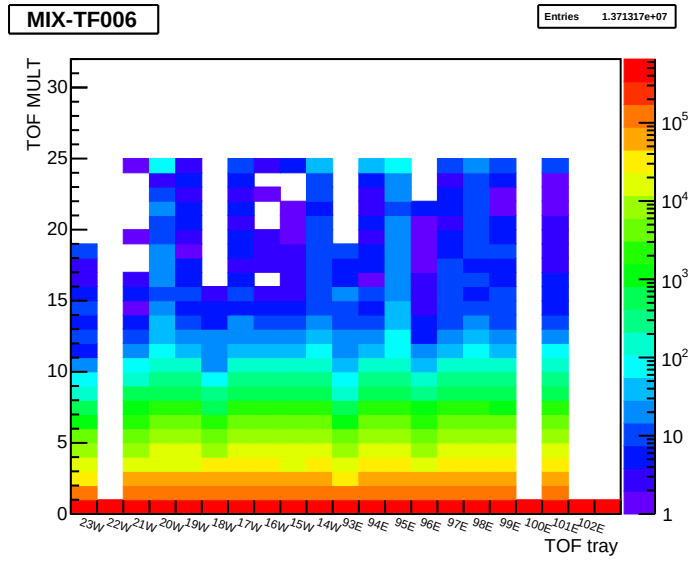

MIX-TF001
Entries 1.371317e+07
TOF MULT
TOF tray

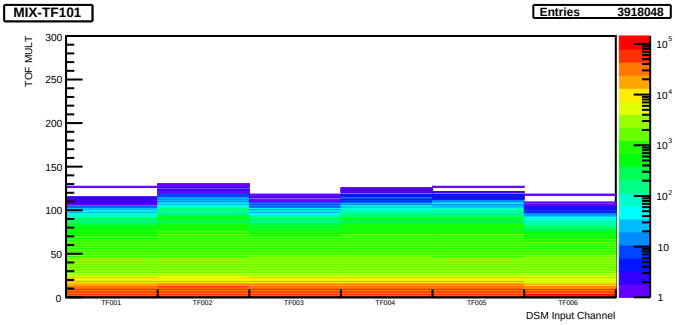

MIX-TF002
Entries 1.371317e+07
TOF MULT
TOF tray

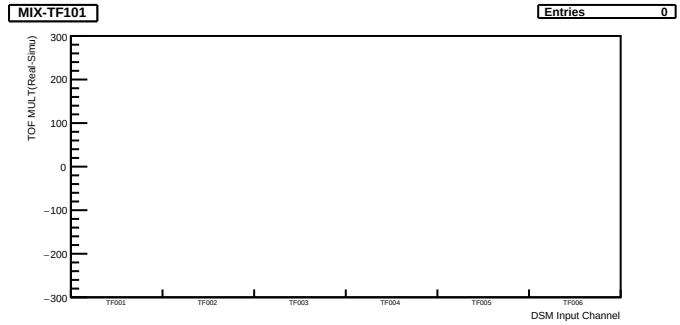

MIX-TF003
Entries 1.371317e+07
TOF MULT
TOF tray

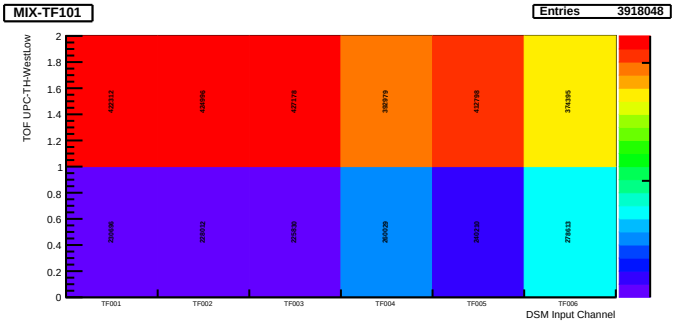

MIX-TF004
Entries 1.371317e+07
TOF MULT
TOF tray

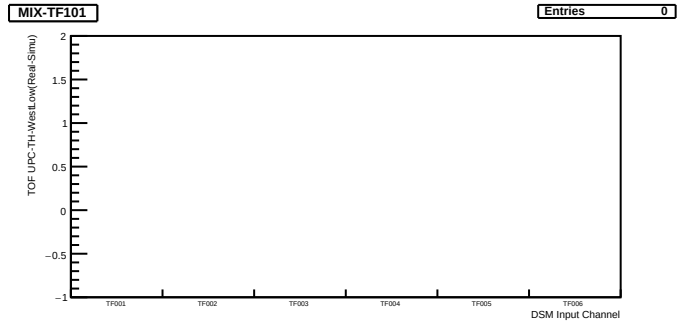

MIX-TF005
Entries 1.371317e+07
TOF MULT
TOF tray

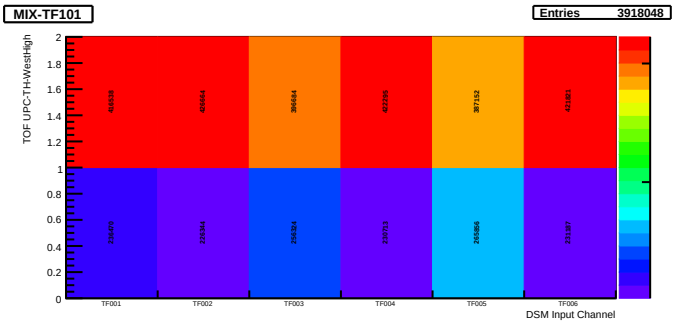

MIX-TF006
Entries 1.371317e+07
TOF MULT
TOF tray

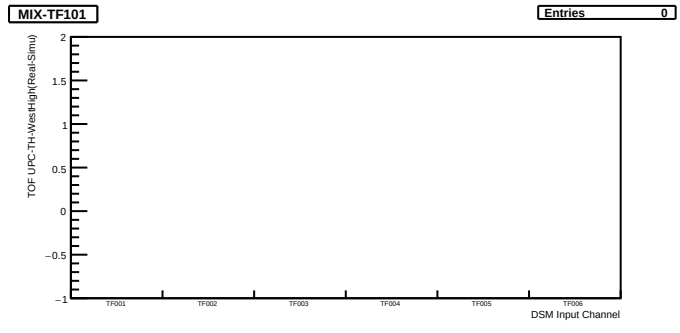

MIX-TF101
Entries 3918048
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

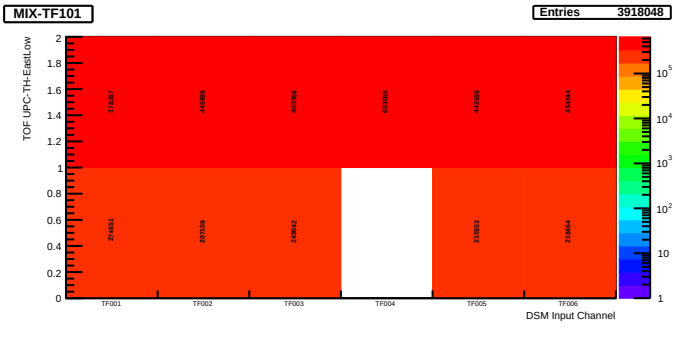

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

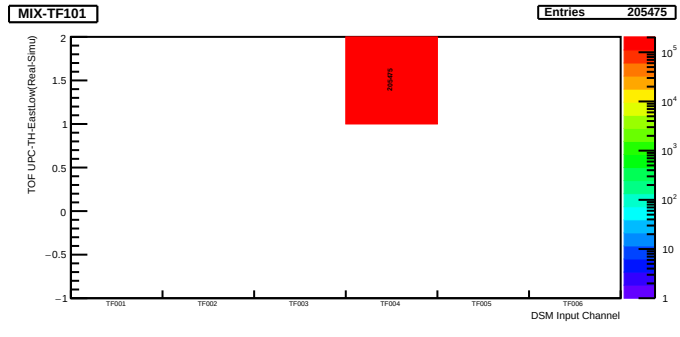

MIX-TF101
Entries 3918048
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

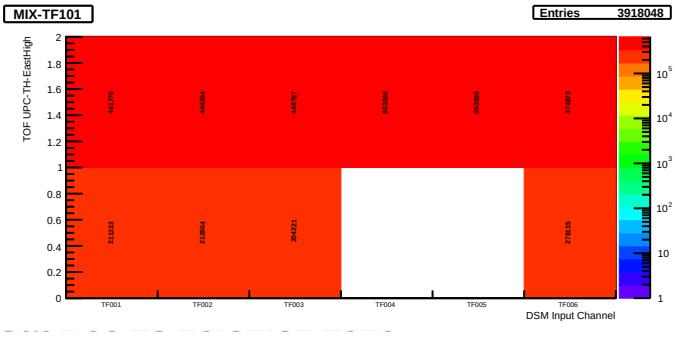

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

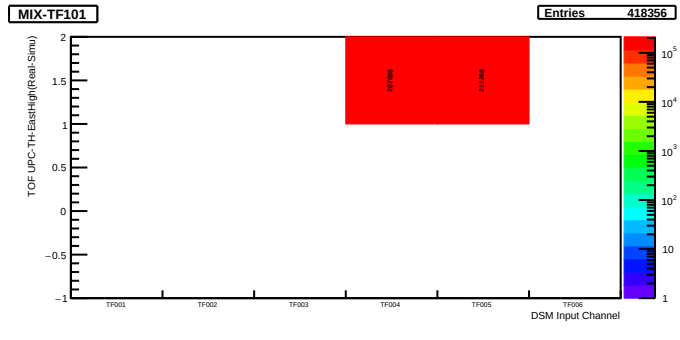

MIX-TF101
Entries 3918048
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

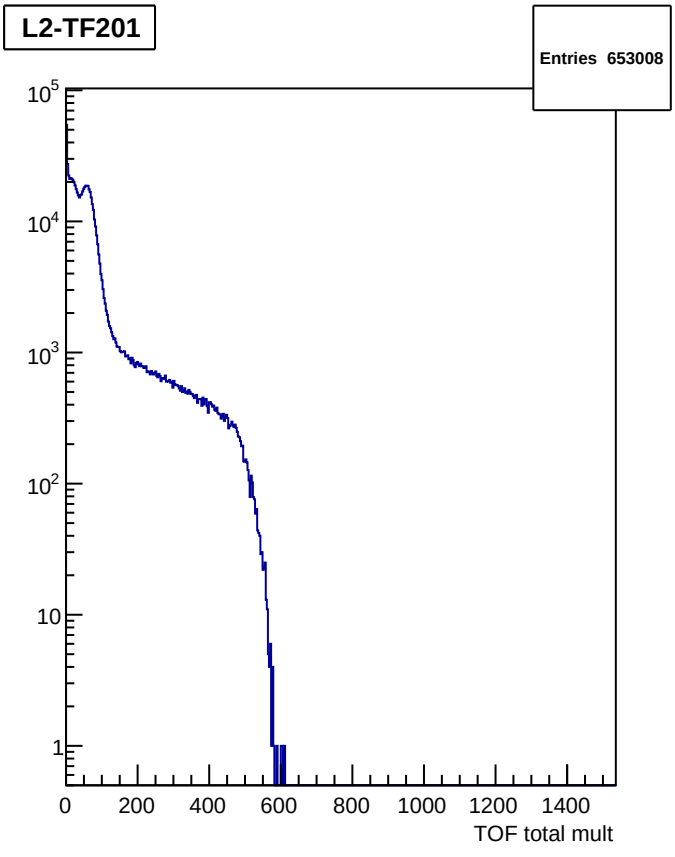

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

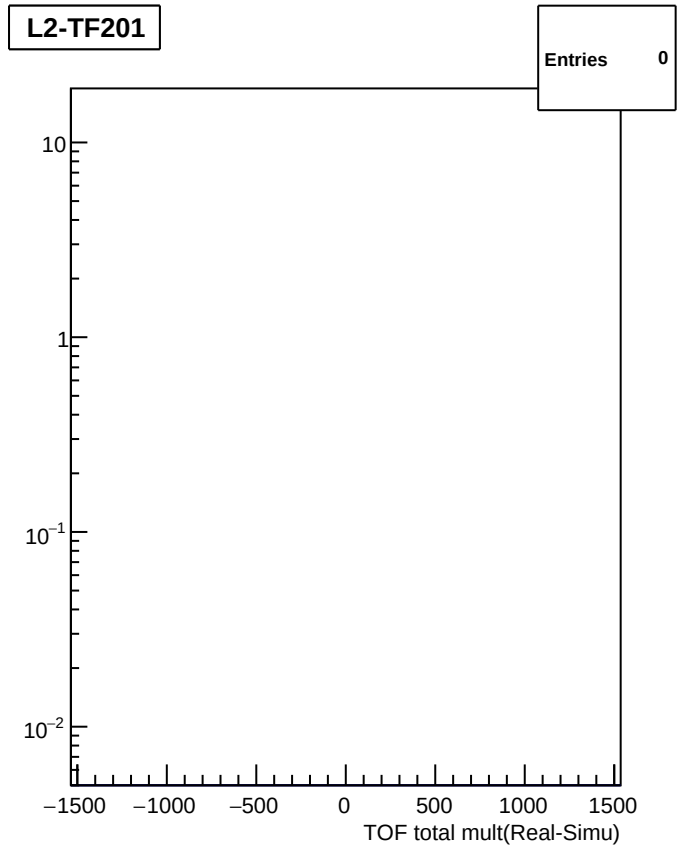

MIX-TF101
Entries 3918048
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

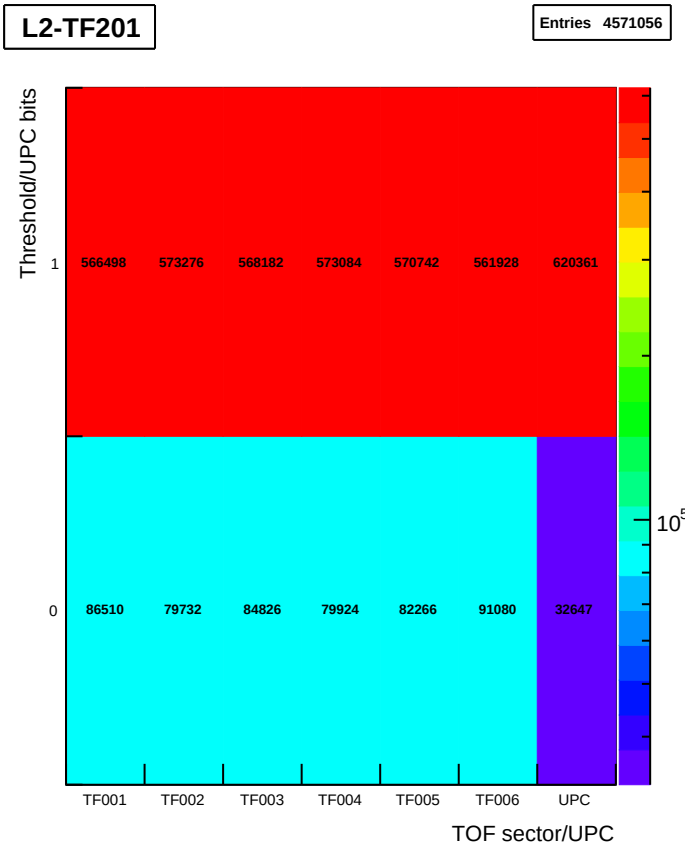

MIX-TF101
Entries 205475
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

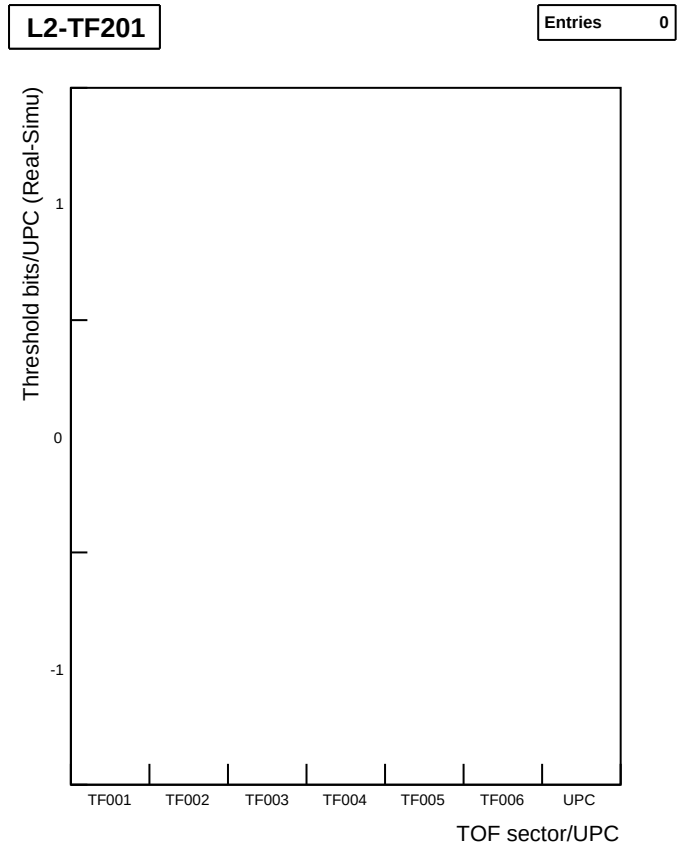

MIX-TF101
Entries 3918048
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

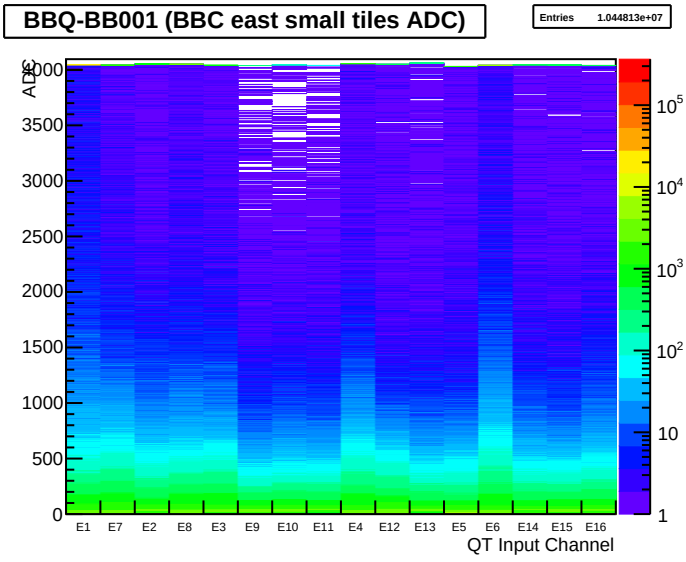

MIX-TF101
Entries 418356
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

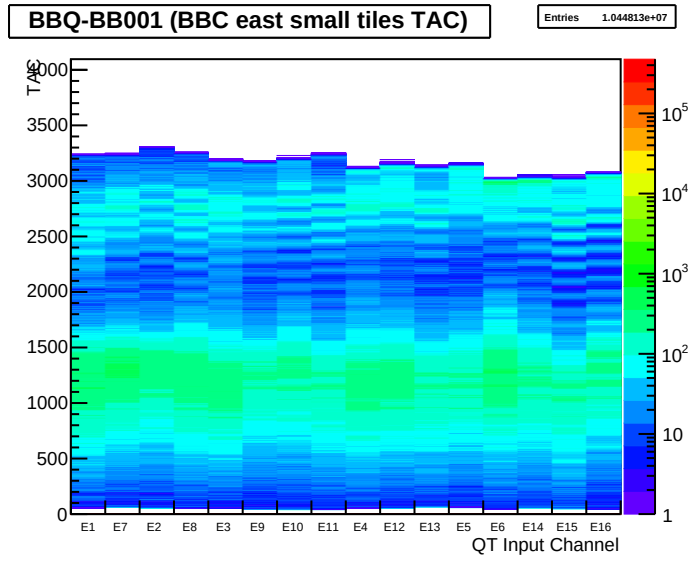

L2-TF201
Entries 653008
TOF total mult

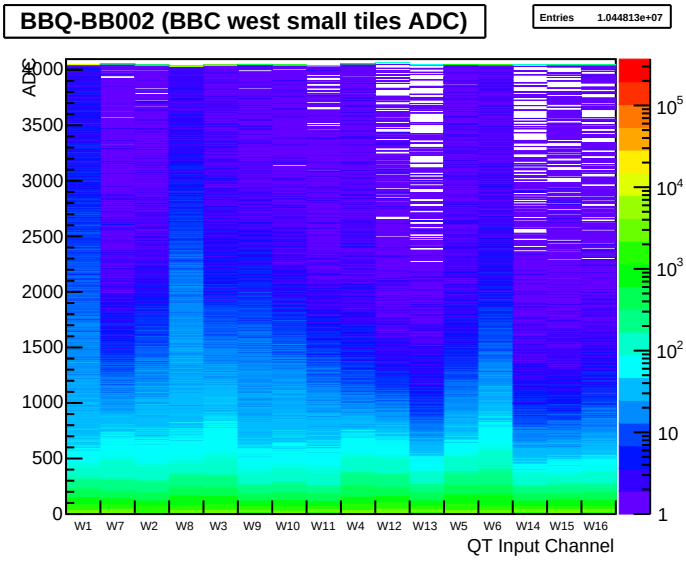

L2-TF201
Entries 0
TOF total mult(Real-Simu)

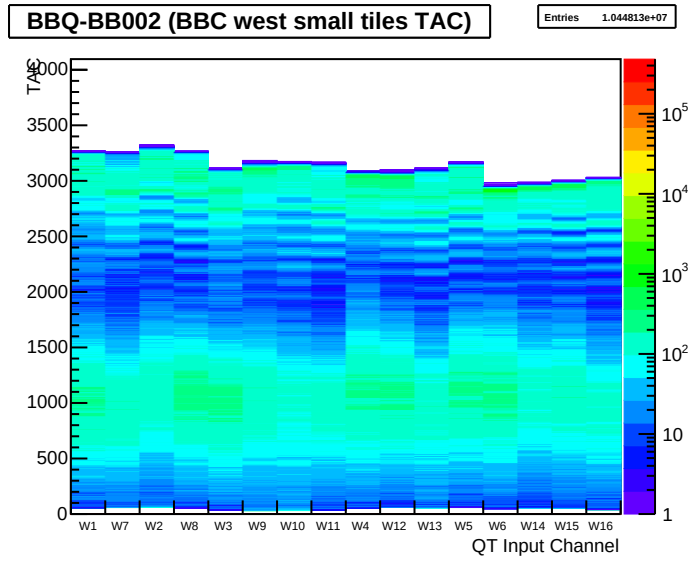

L2-TF201
Entries 4571056
Threshold/UPC bits
566498
573276
568182
573084
570742
561928
620361
86510
79732
84826
79924
82266
91080
32647
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

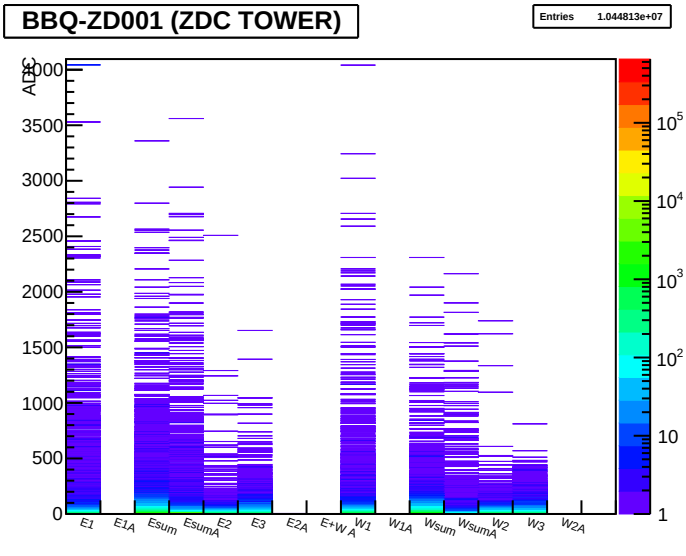

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

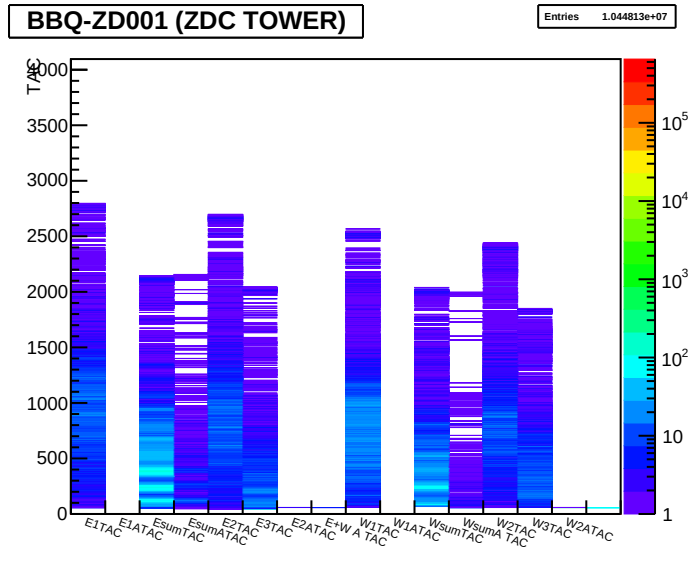

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.044813e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

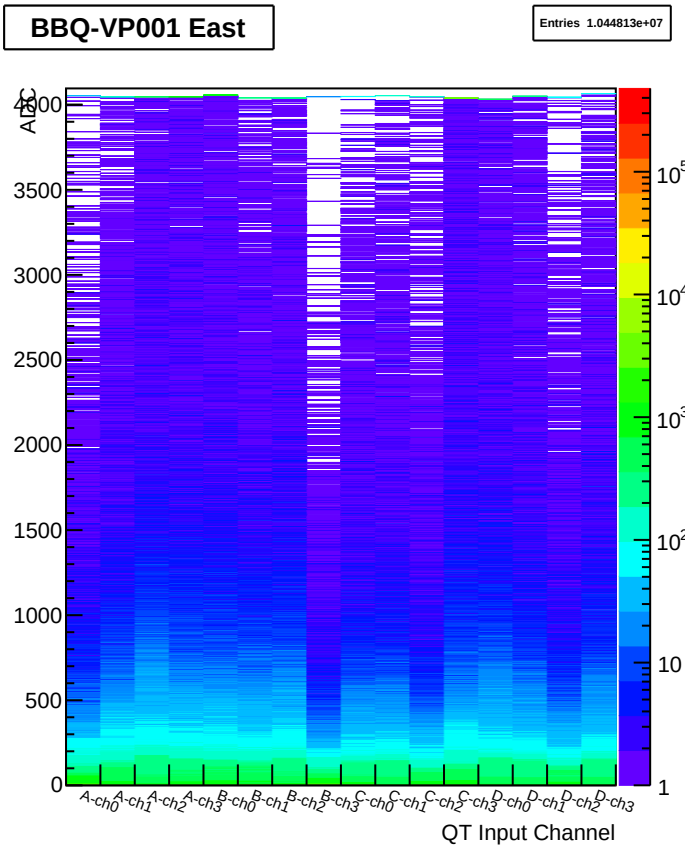

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.044813e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

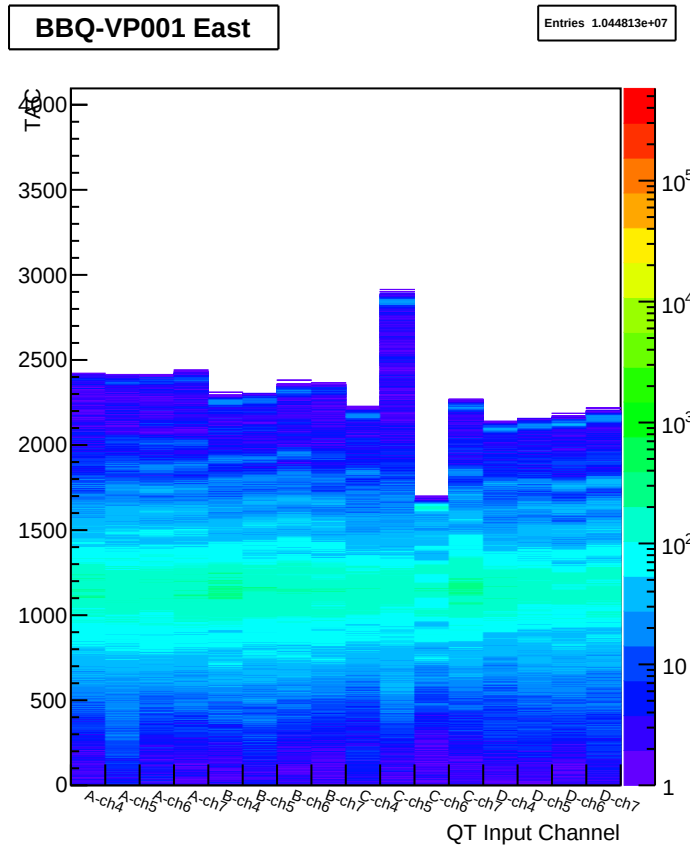

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.044813e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

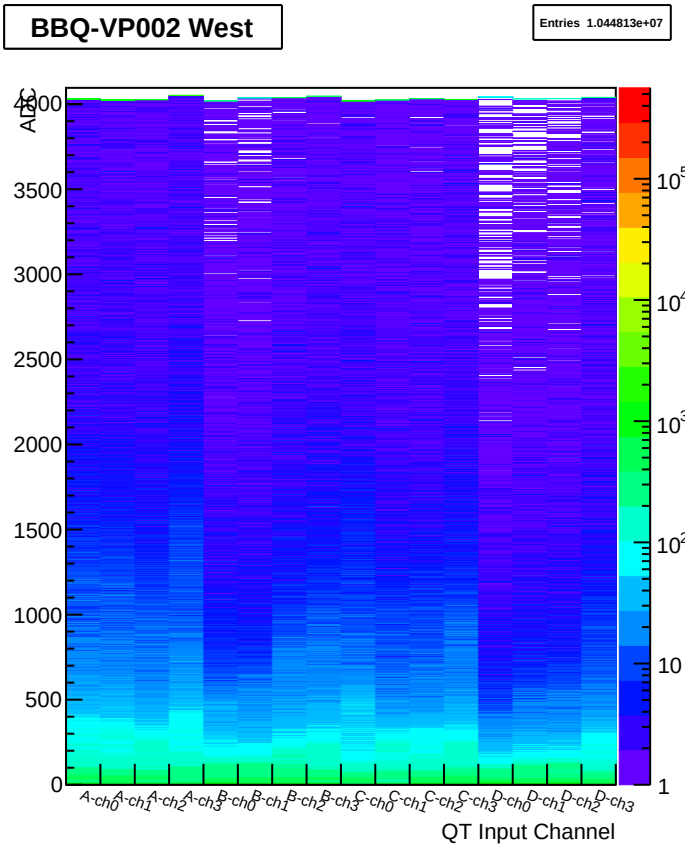

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.044813e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

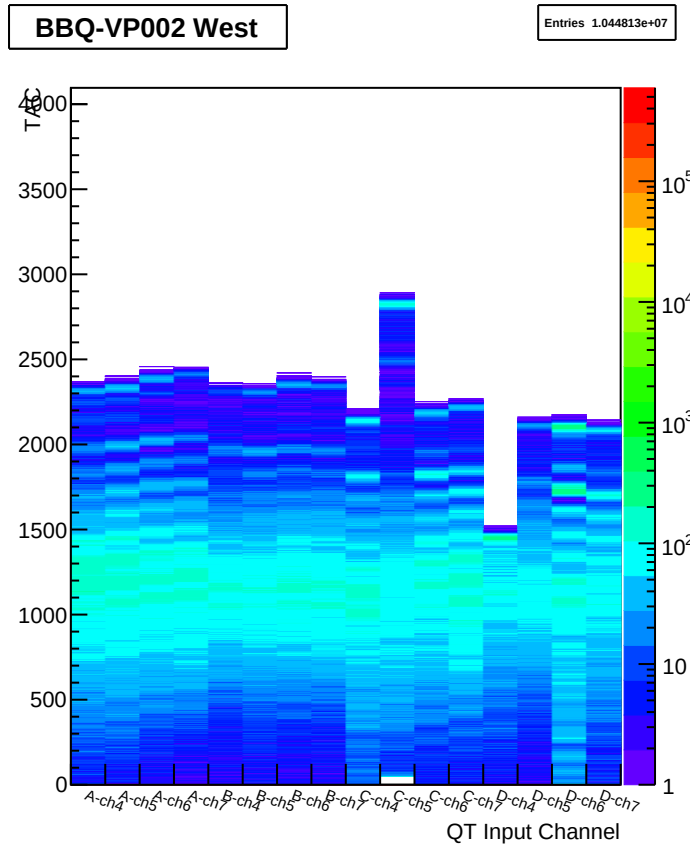

BBQ-ZD001 (ZDC TOWER)
Entries 1.044813e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

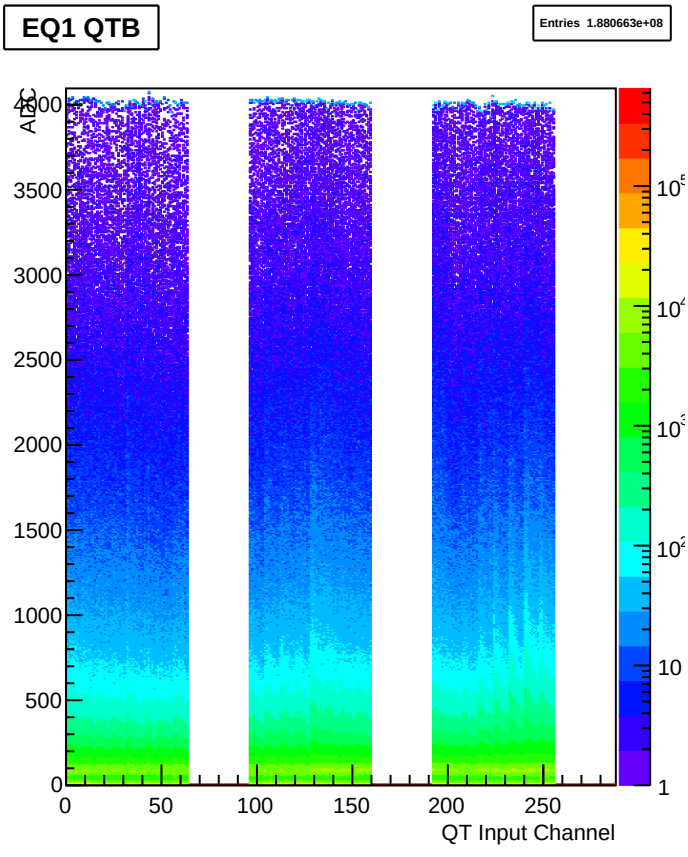

BBQ-ZD001 (ZDC TOWER)
Entries 1.044813e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

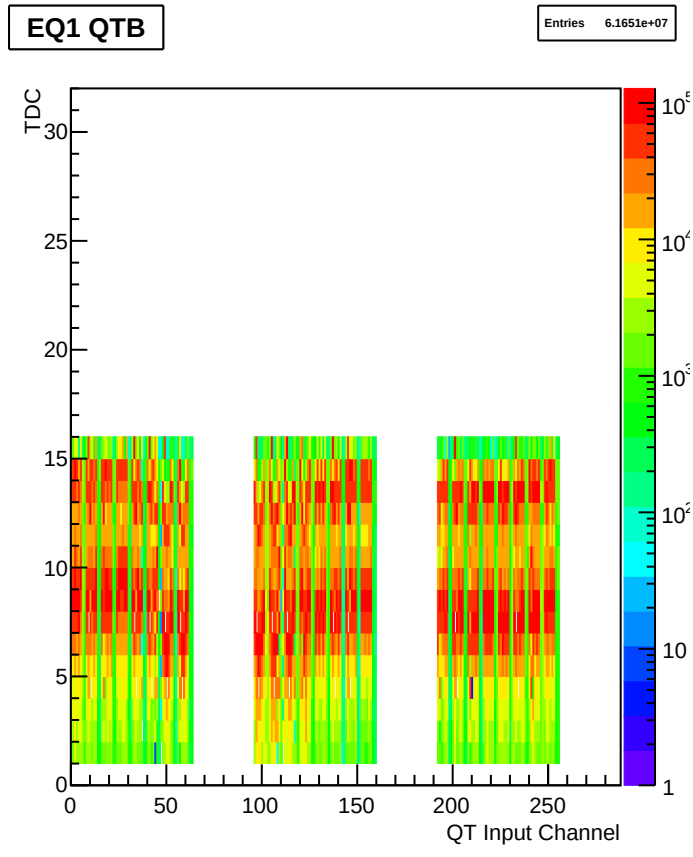

BBQ-VP001 East
Entries 1.044813e+07
ADC
QT Input Channel

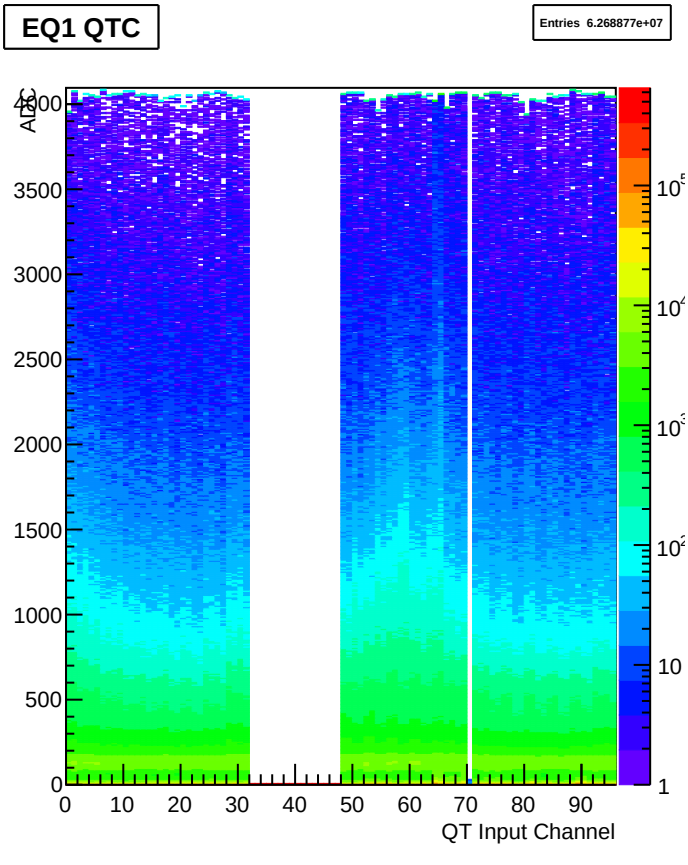

BBQ-VP001 East
Entries 1.044813e+07
TADC
QT Input Channel

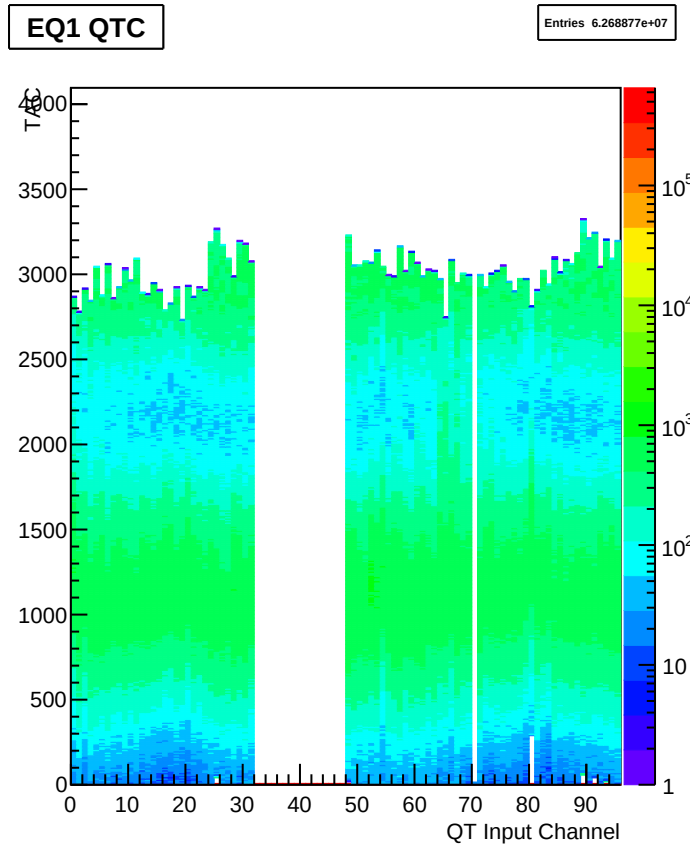

BBQ-VP002 West
Entries 1.044813e+07
ADC
QT Input Channel

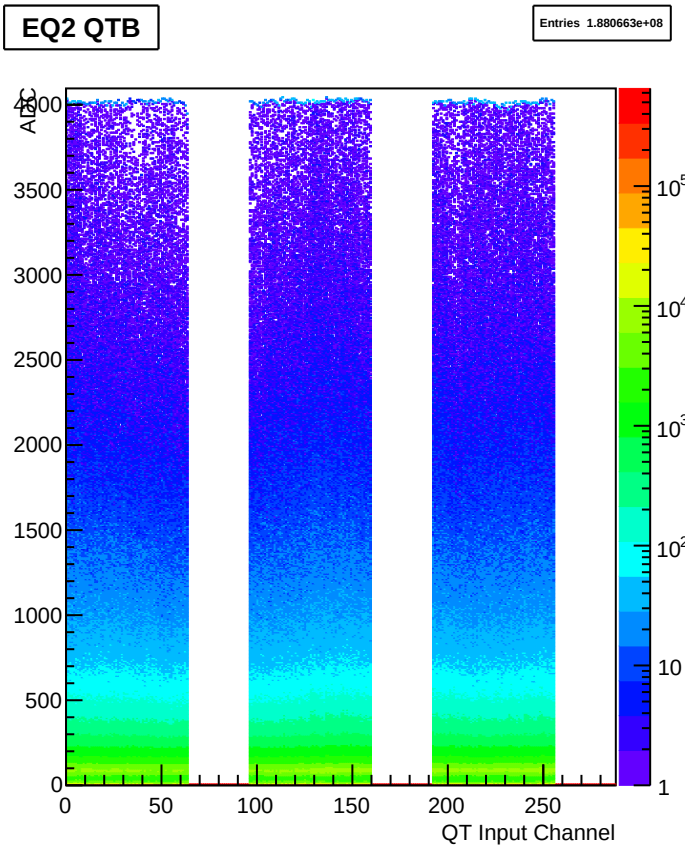

BBQ-VP002 West
Entries 1.044813e+07
TADC
QT Input Channel

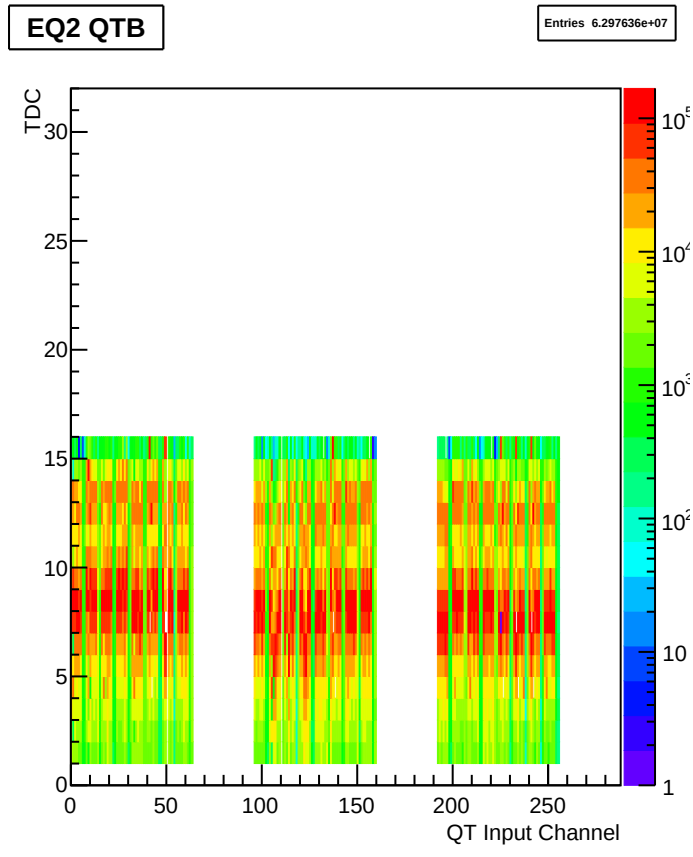

EQ1 QTB
Entries 1.880663e+08
ADC
QT Input Channel

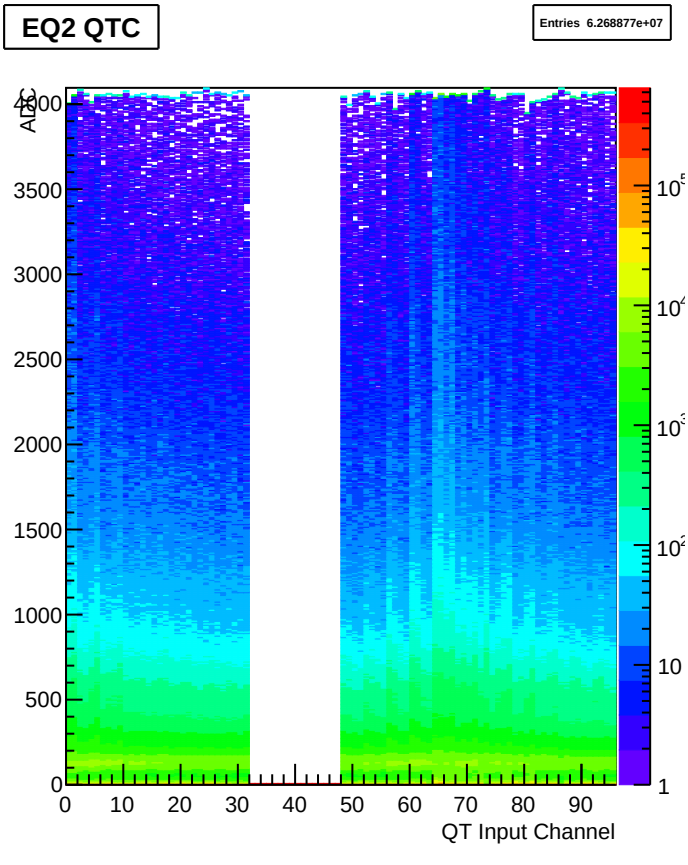

EQ1 QTB
Entries 6.1651e+07
TDC
QT Input Channel

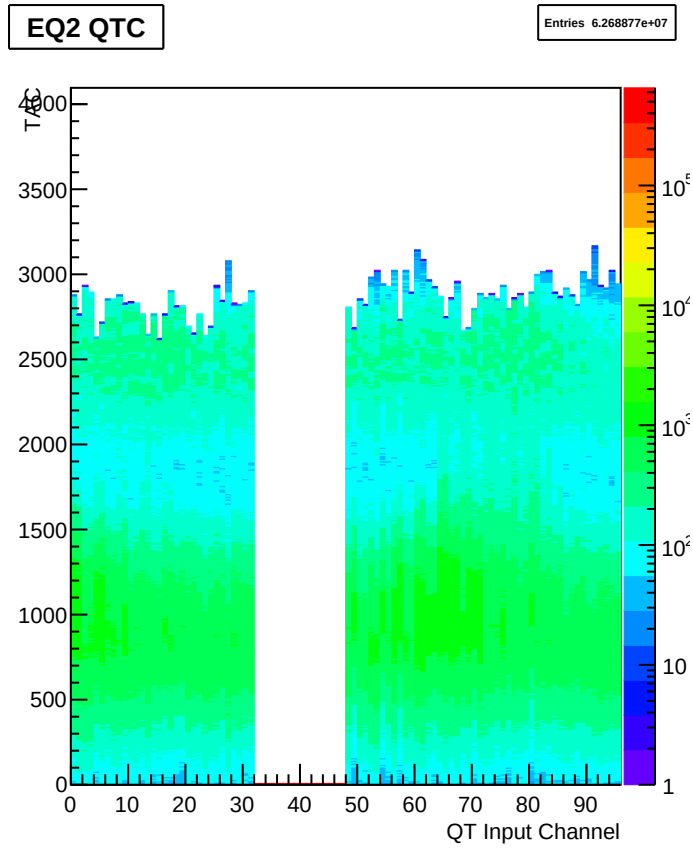

EQ1 QTC
Entries 6.268877e+07
ADC
QT Input Channel

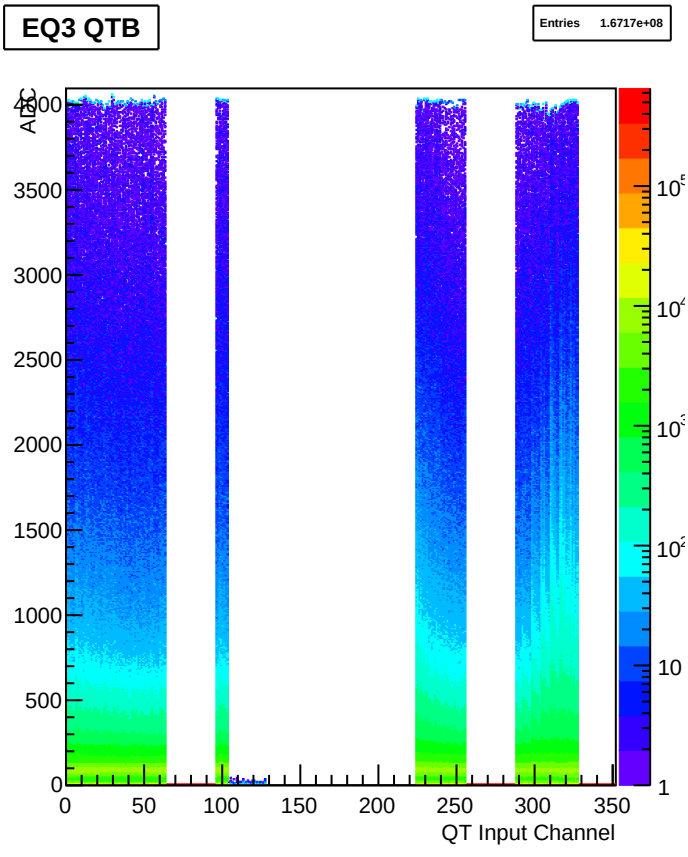

EQ1 QTC
Entries 6.268877e+07
TADC
QT Input Channel

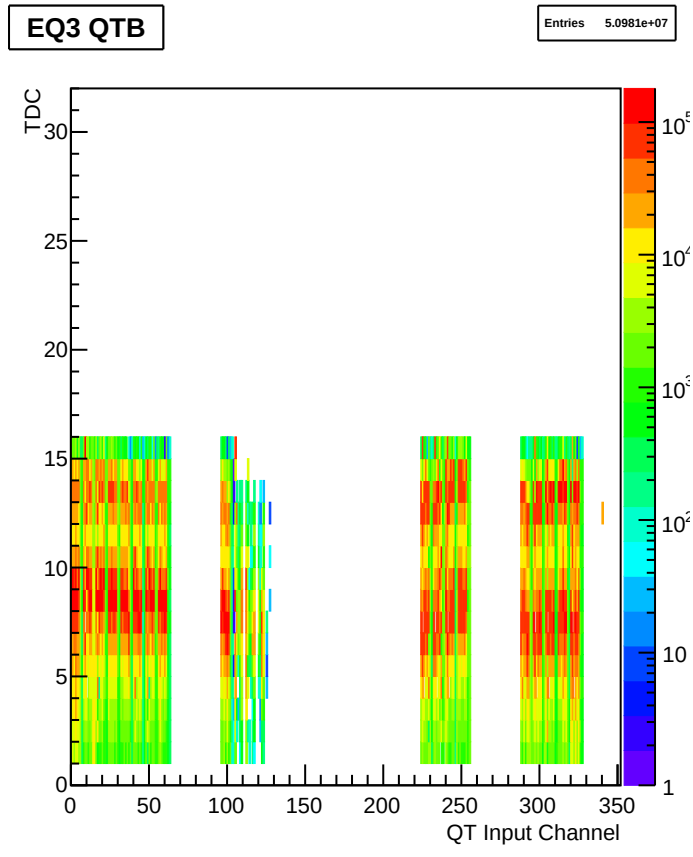

EQ2 QTB
Entries 1.880663e+08
ADC
QT Input Channel

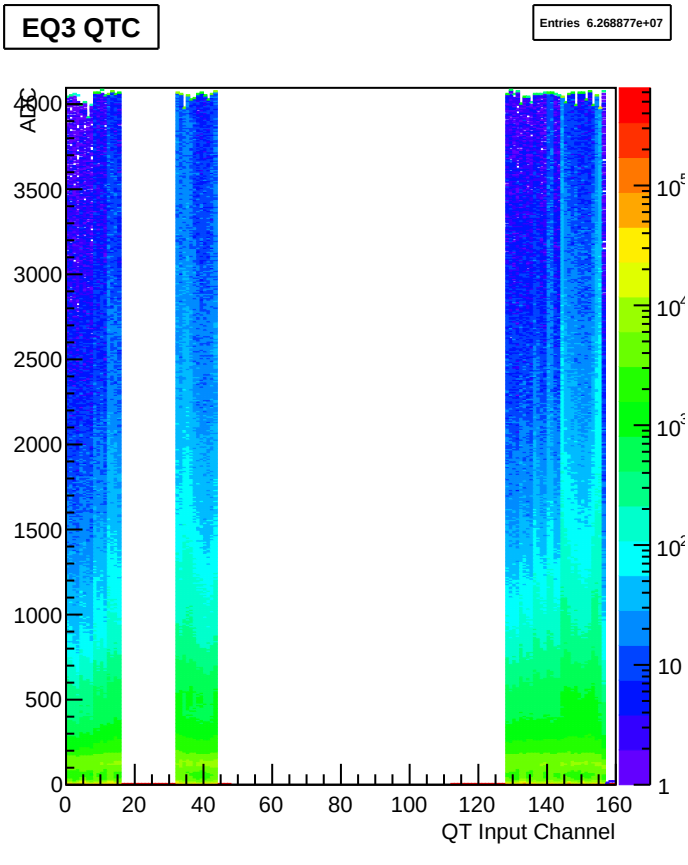

EQ2 QTB
Entries 6.297636e+07
TDC
QT Input Channel

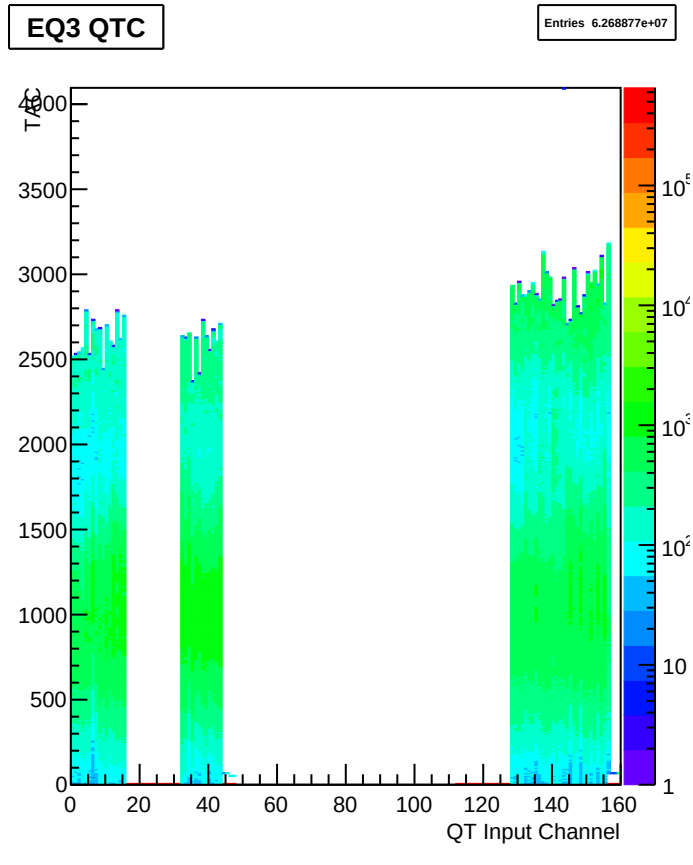

EQ2 QTC
Entries 6.268877e+07
ADC
QT Input Channel

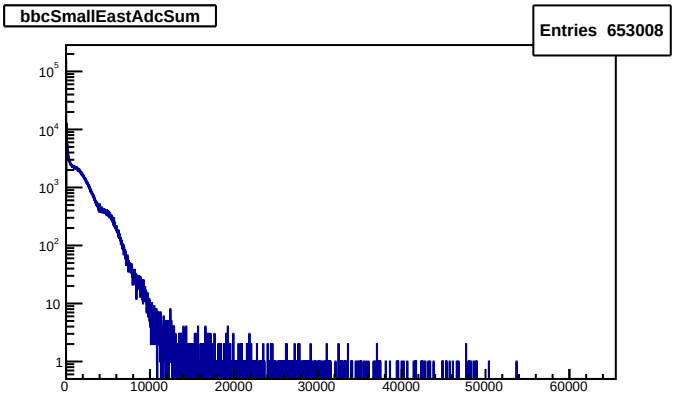

EQ2 QTC
Entries 6.268877e+07
TADC
QT Input Channel

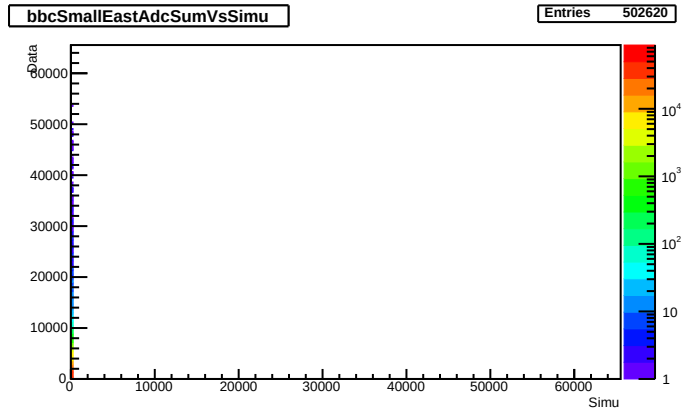

EQ3 QTB
Entries 1.6717e+08
ADC
QT Input Channel

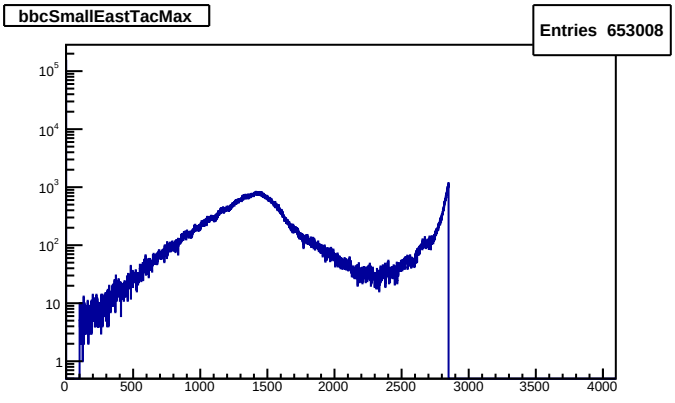

EQ3 QTB
Entries 5.0981e+07
TDC
QT Input Channel

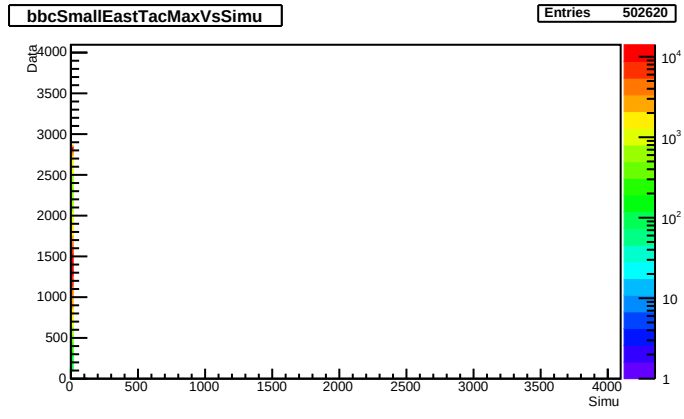

EQ3 QTC
Entries 6.268877e+07
ADC
QT Input Channel

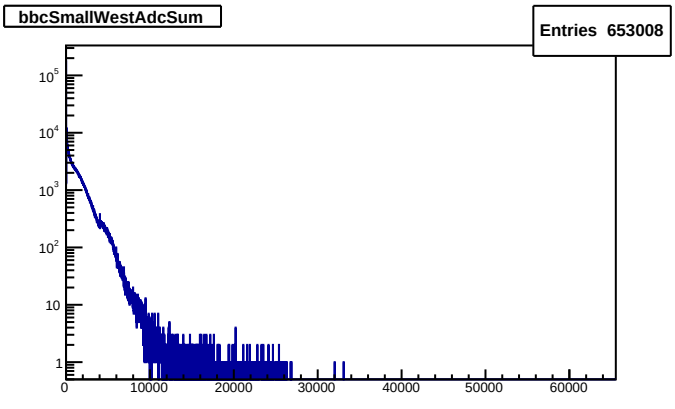

EQ3 QTC
Entries 6.268877e+07
TADC
QT Input Channel

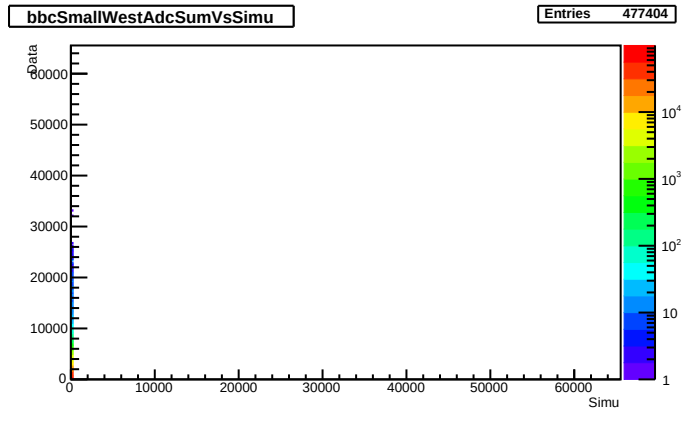

bbcSmallEastAdcSum
Entries 653008

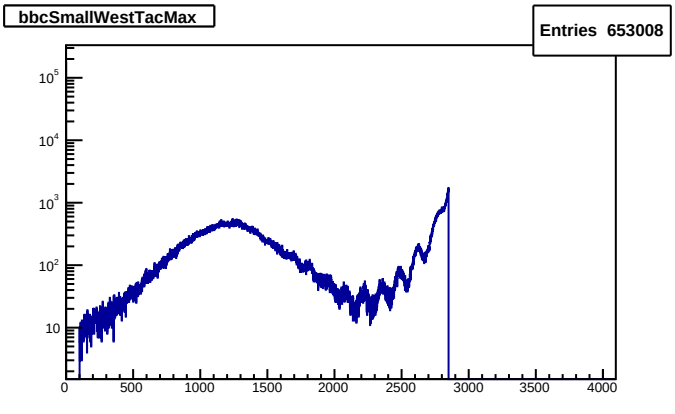

bbcSmallEastAdcSumVsSimu
Entries 502620
Data
Simu

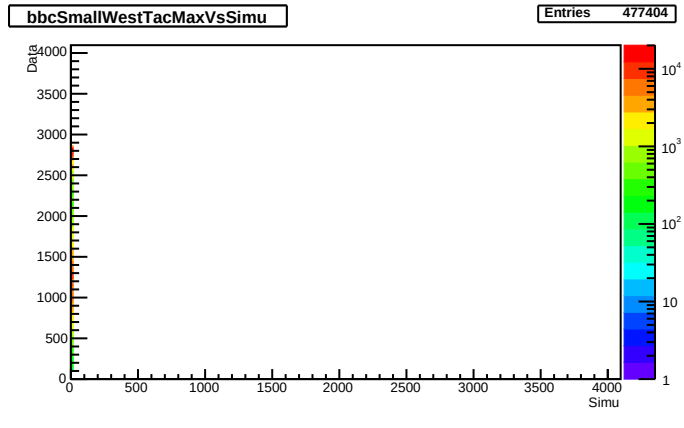

bbcSmallEastTacMax
Entries 653008

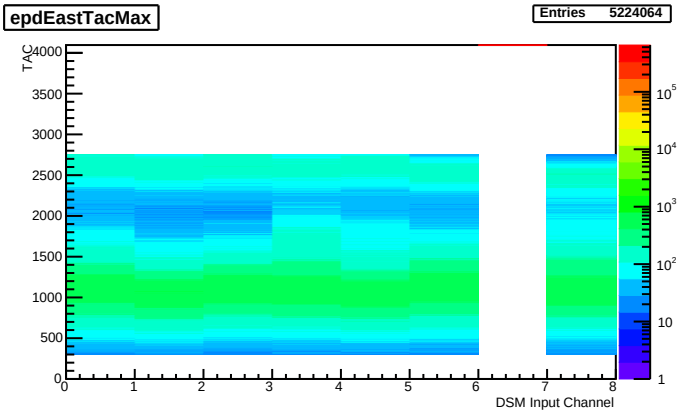

bbcSmallEastTacMaxVsSimu
Entries 502620
Data
Simu

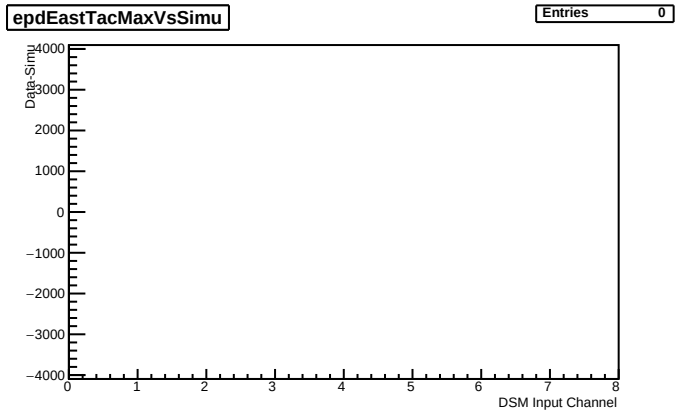

bbcSmallWestAdcSum
Entries 653008

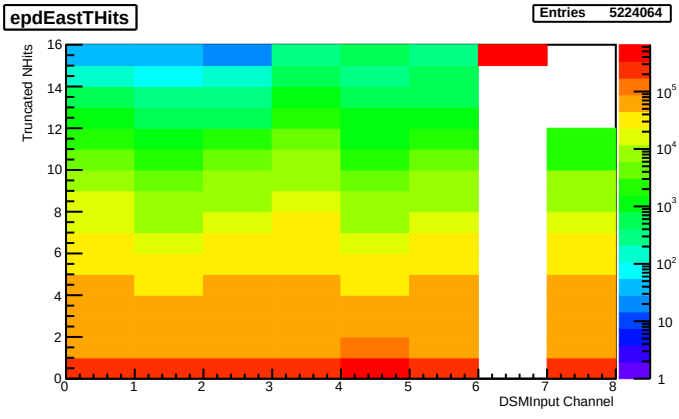

bbcSmallWestAdcSumVsSimu
Entries 477404
Data
Simu

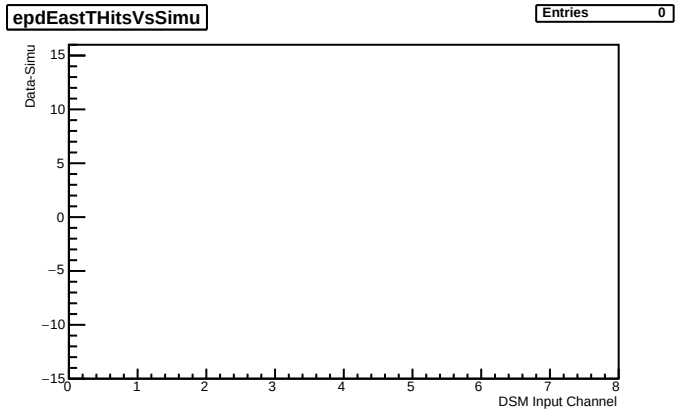

bbcSmallWestTacMax
Entries 653008

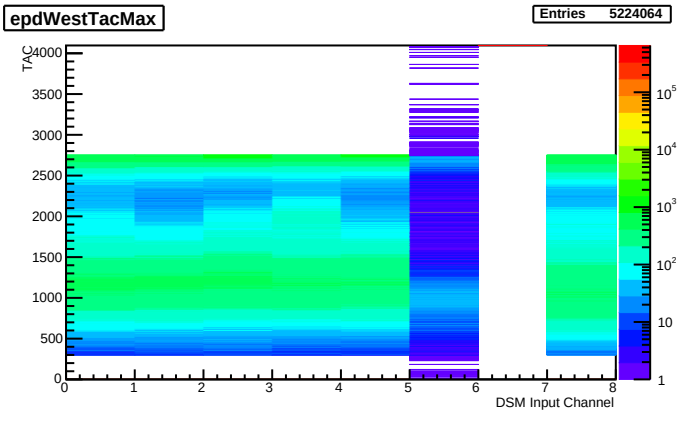

bbcSmallWestTacMaxVsSimu
Entries 477404
Data
Simu

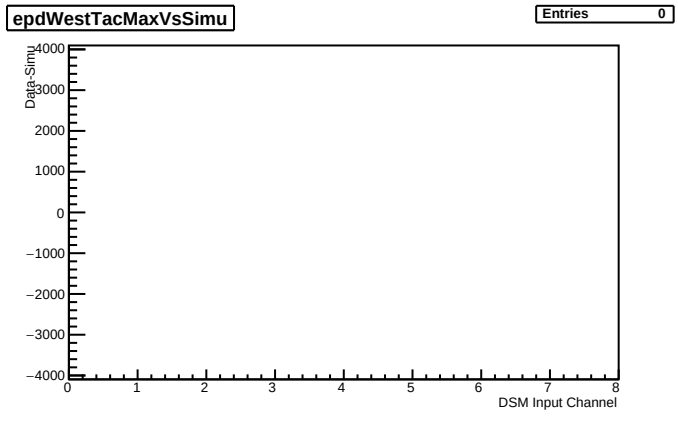

epdEastTacMax
Entries 5224064
TAC
DSM Input Channel

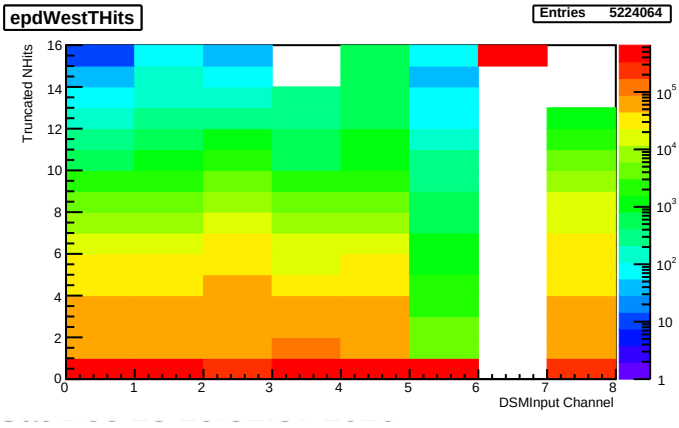

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

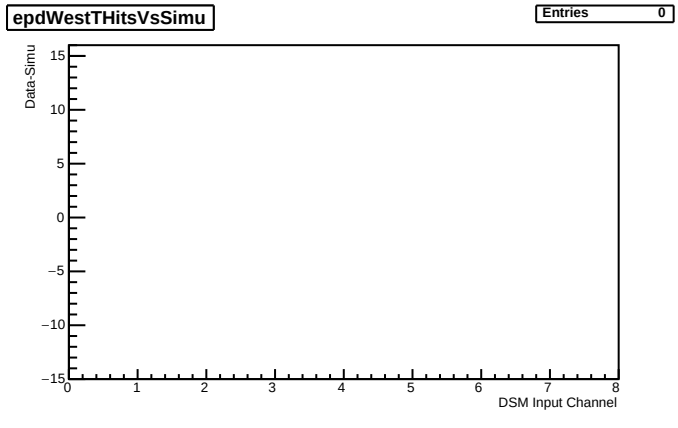

epdEastTHits
Entries 5224064
Truncated NHits
DSMInput Channel

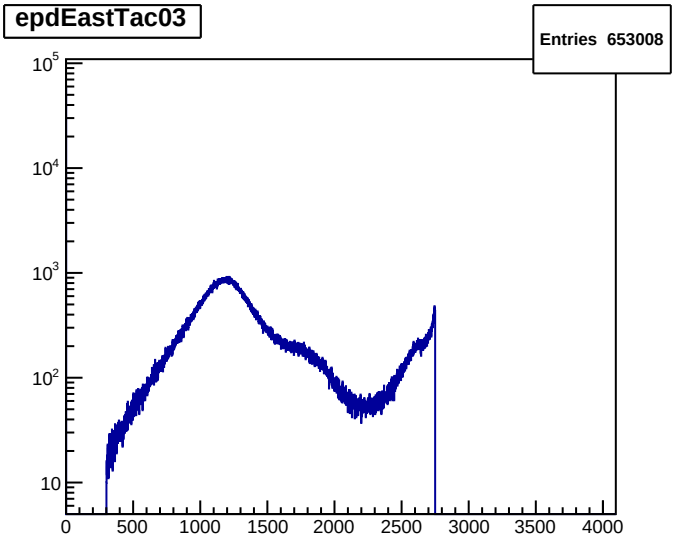

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

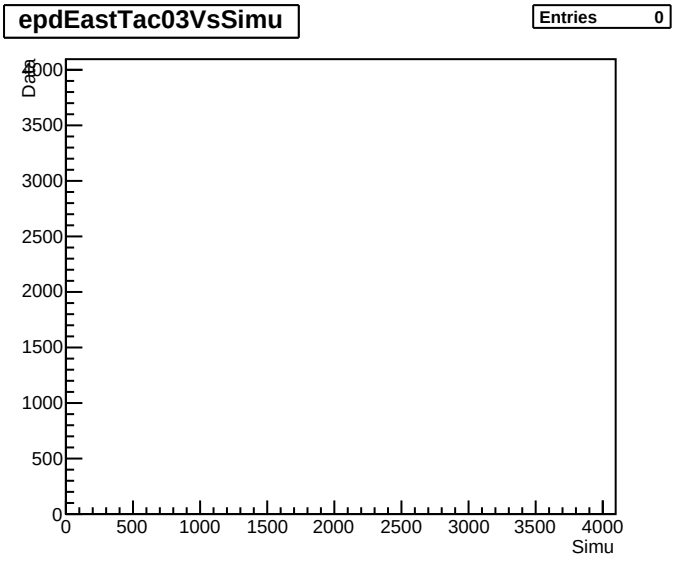

epdWestTacMax
Entries 5224064
TAC
DSM Input Channel

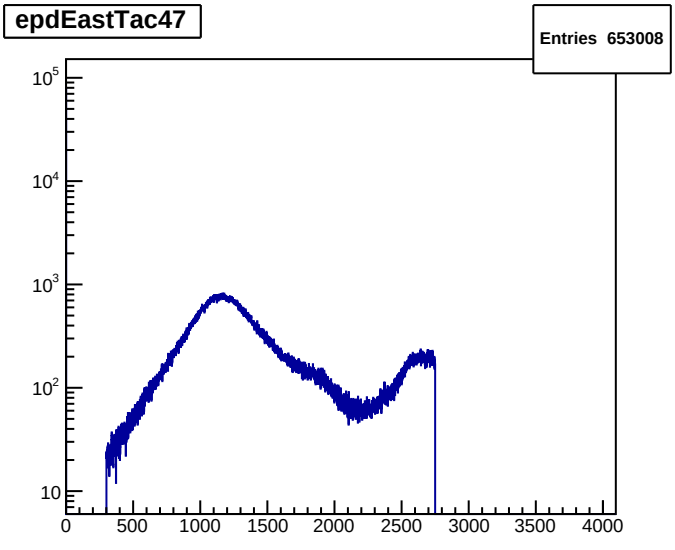

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

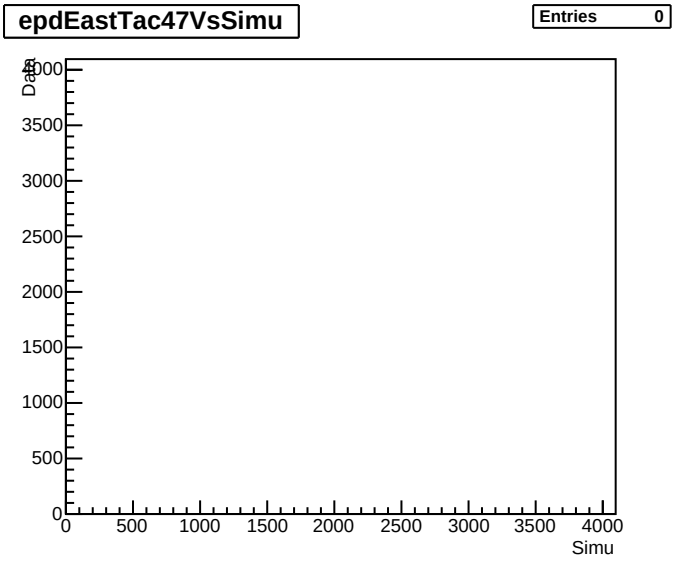

epdWestTHits
Entries 5224064
Truncated NHits
DSMInput Channel

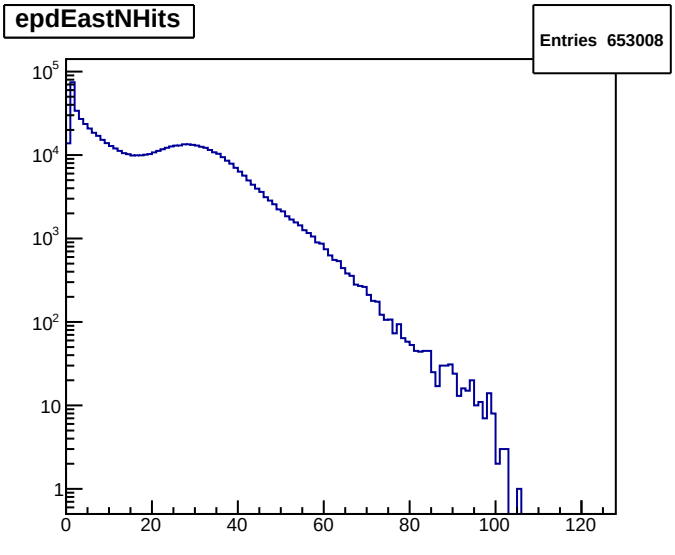

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

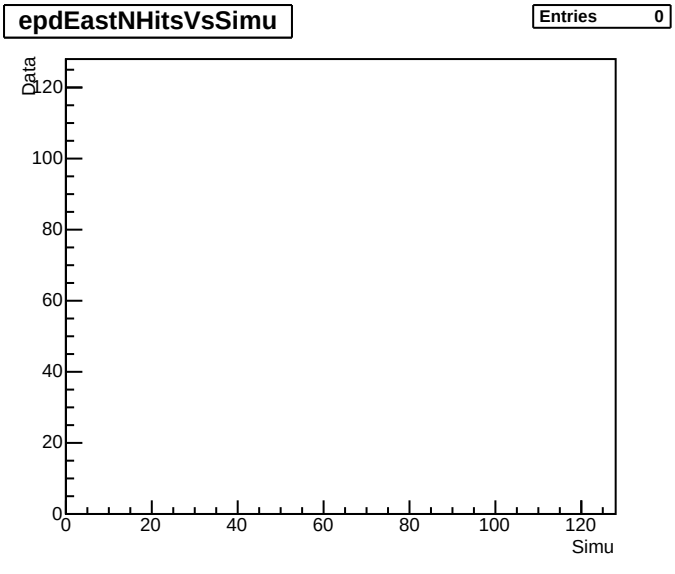

epdEastTac03
Entries 653008

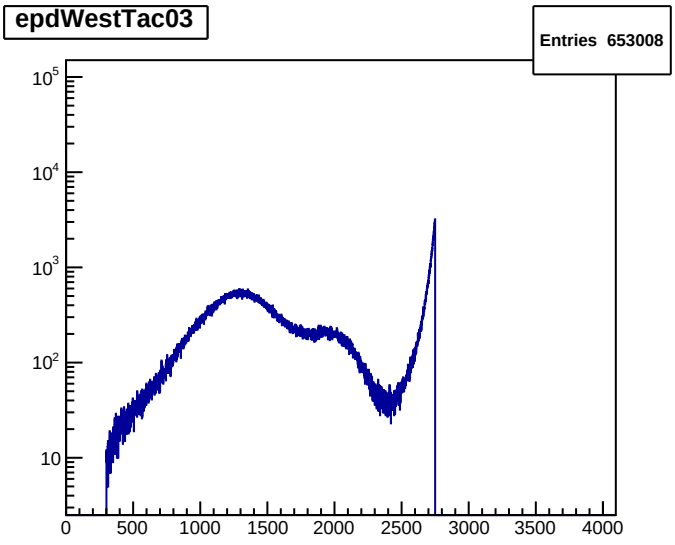

epdEastTac03VsSimu
Entries 0
Data
Simu

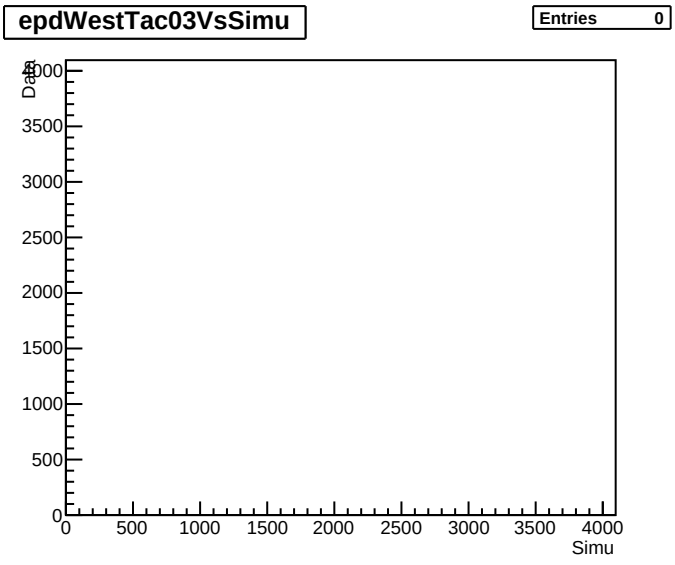

epdEastTac47
Entries 653008

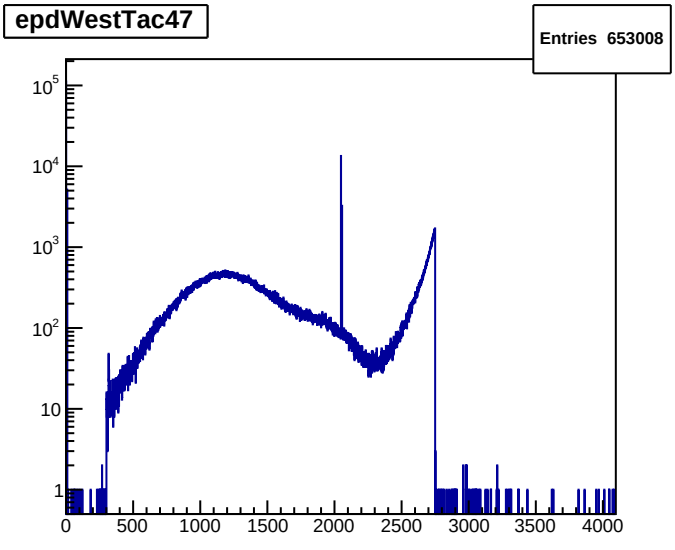

epdEastTac47VsSimu
Entries 0
Data
Simu

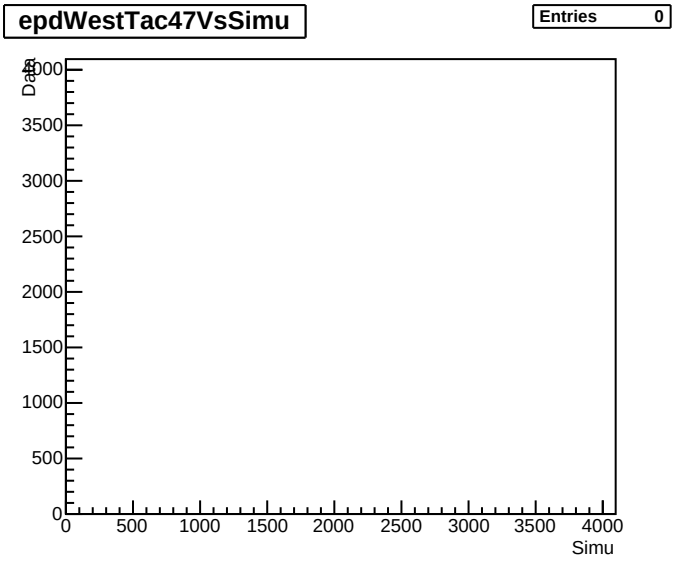

epdEastNHits
Entries 653008

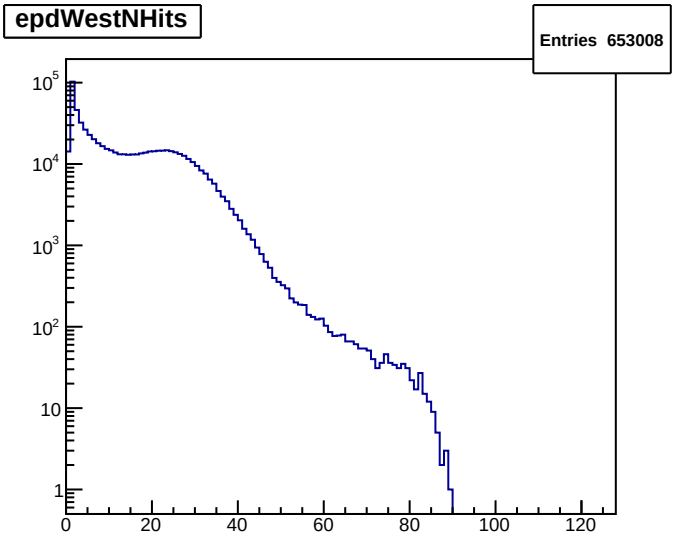

epdEastNHitsVsSimu
Entries 0
Data
Simu

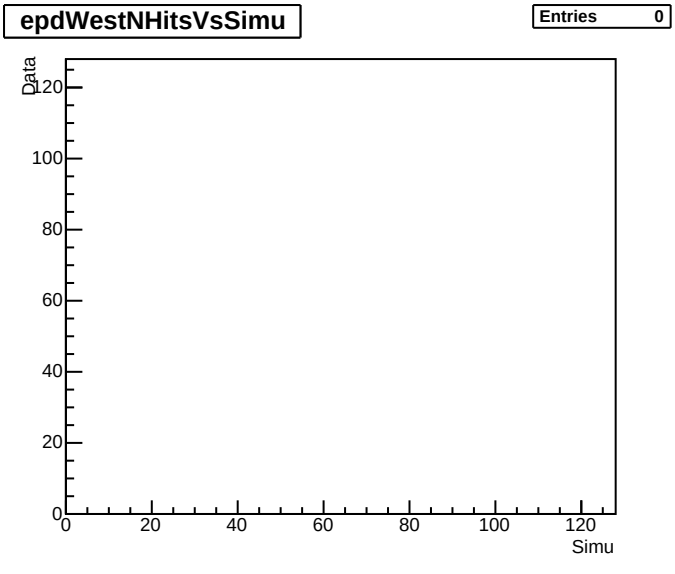

epdWestTac03
Entries 653008

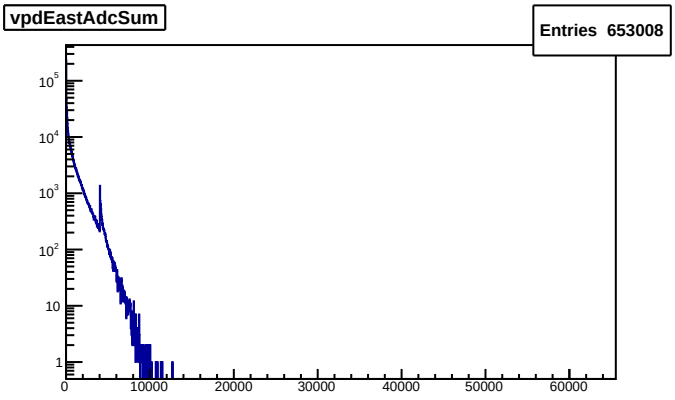

epdWestTac03VsSimu
Entries 0
Data
Simu

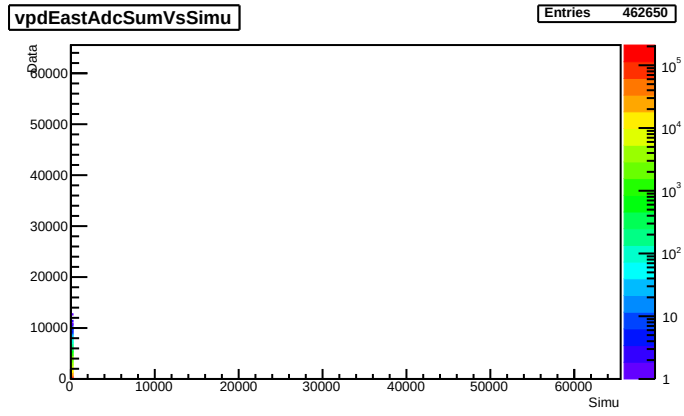

epdWestTac47
Entries 653008

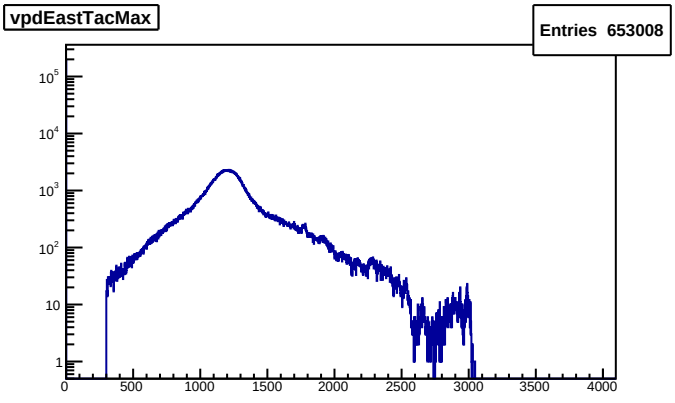

epdWestTac47VsSimu
Entries 0
Data
Simu

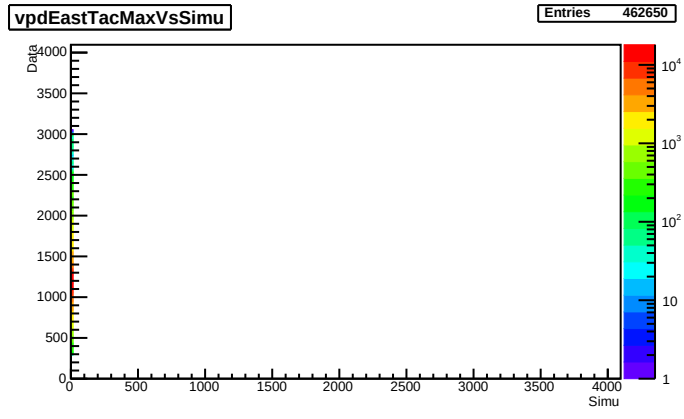

epdWestNHits
Entries 653008

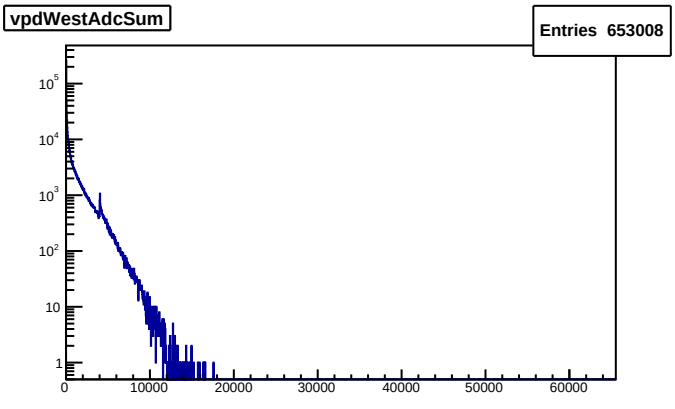

epdWestNHitsVsSimu
Entries 0
Data
Simu

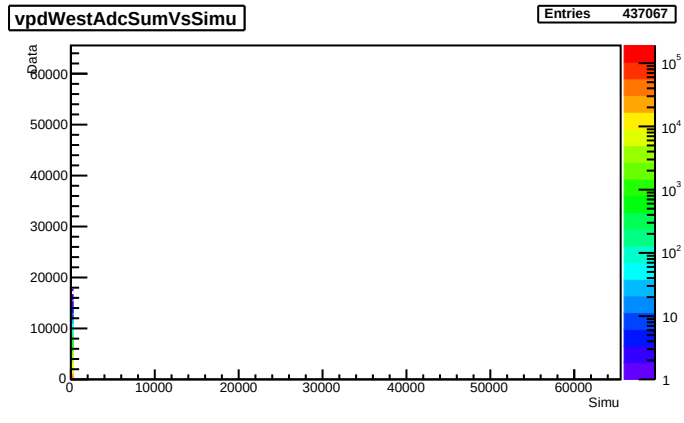

vpdEastAdcSum
Entries 653008

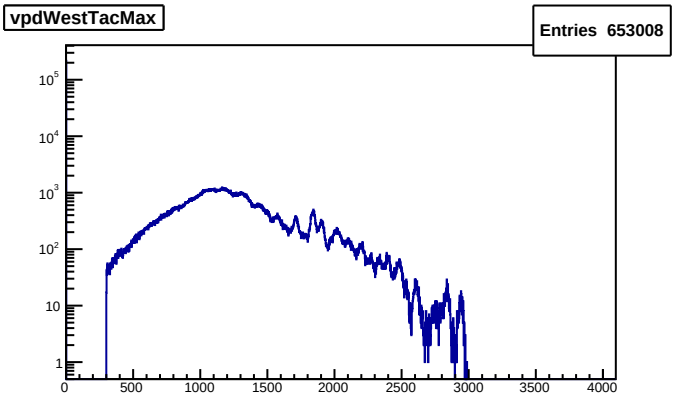

vpdEastAdcSumVsSimu
Entries 462650
Data
Simu

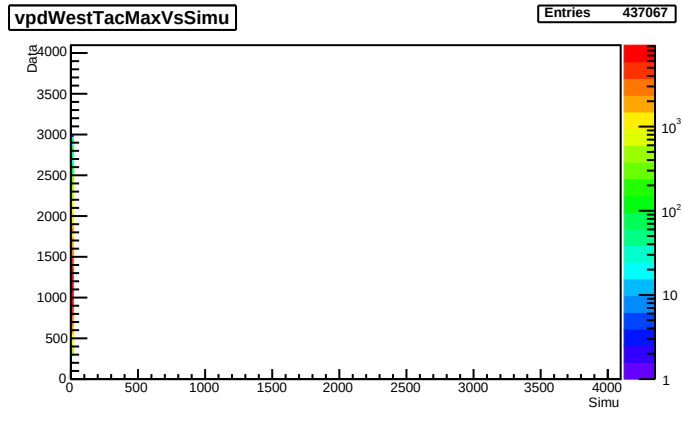

vpdEastTacMax
Entries 653008

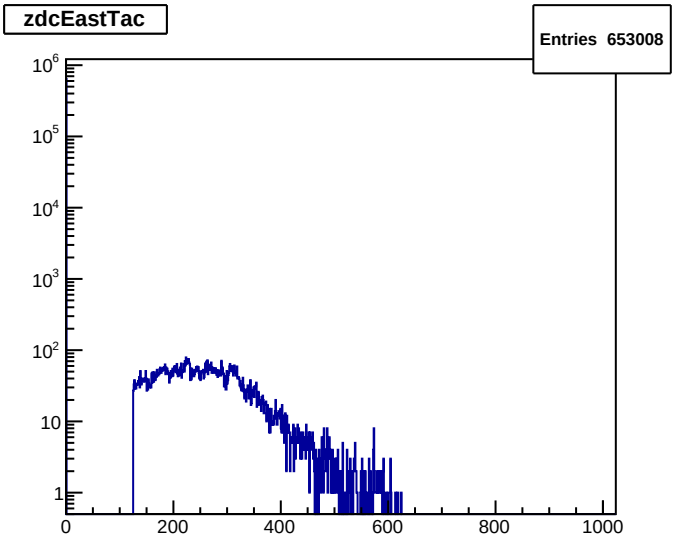

vpdEastTacMaxVsSimu
Entries 462650
Data
Simu

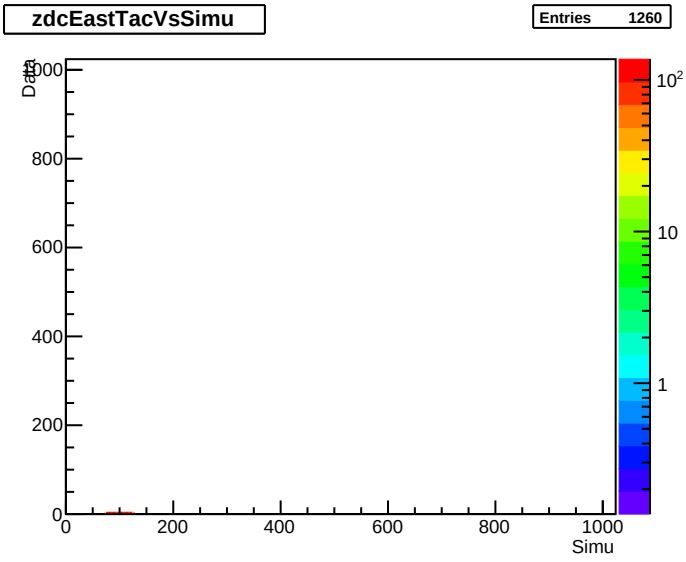

vpdWestAdcSum
Entries 653008

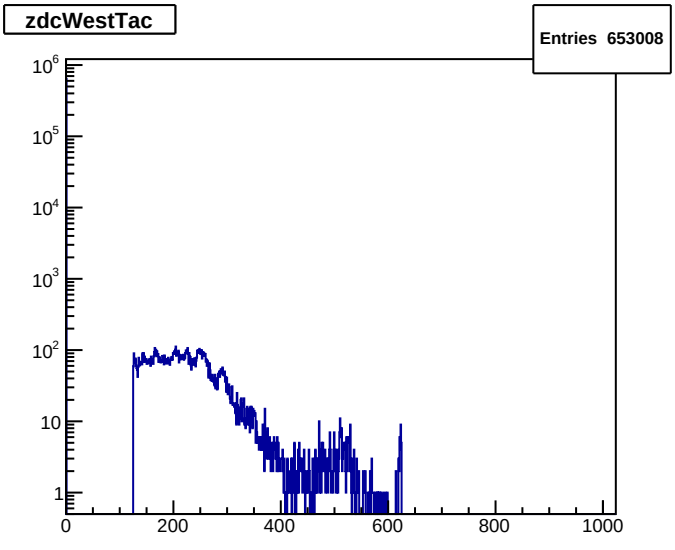

vpdWestAdcSumVsSimu
Entries 437067
Data
Simu

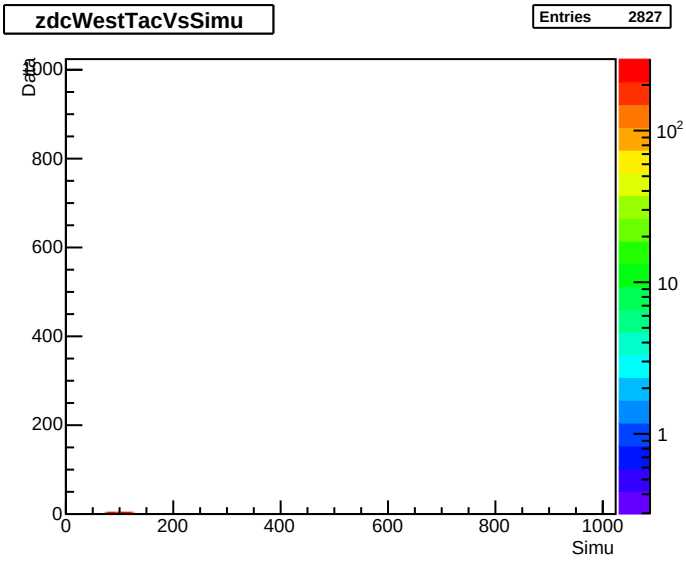

vpdWestTacMax
Entries 653008

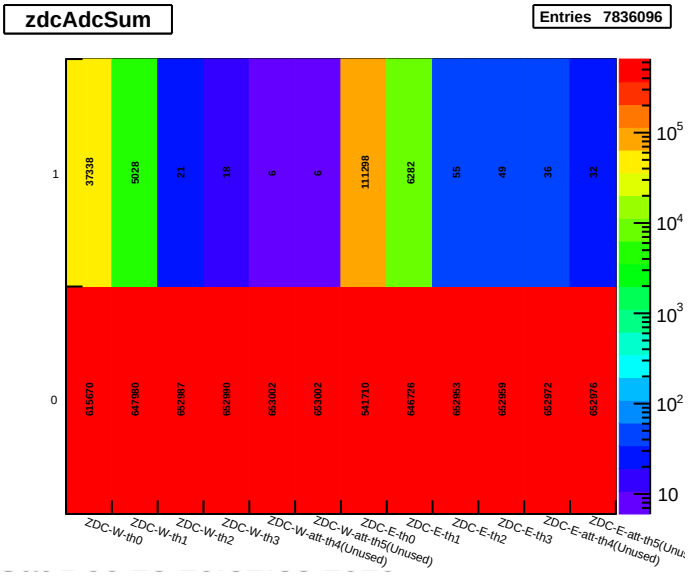

vpdWestTacMaxVsSimu
Entries 437067
Data
Simu

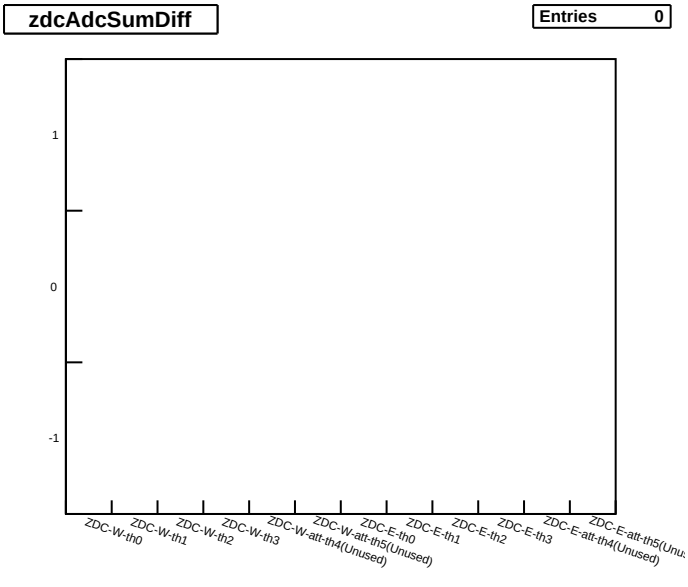

zdcEastTac
Entries 653008

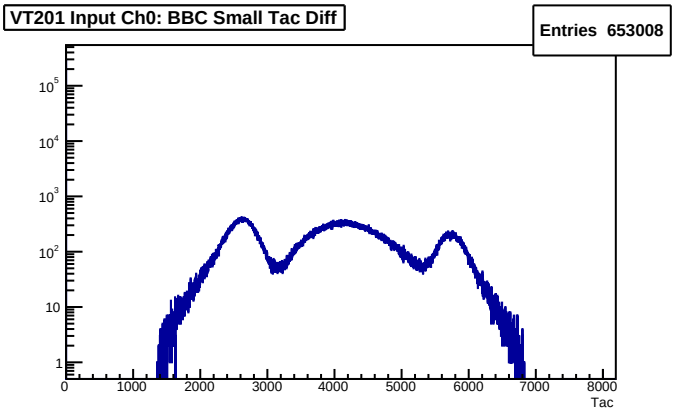

zdcEastTacVsSimu
Entries 1260
Data
Simu

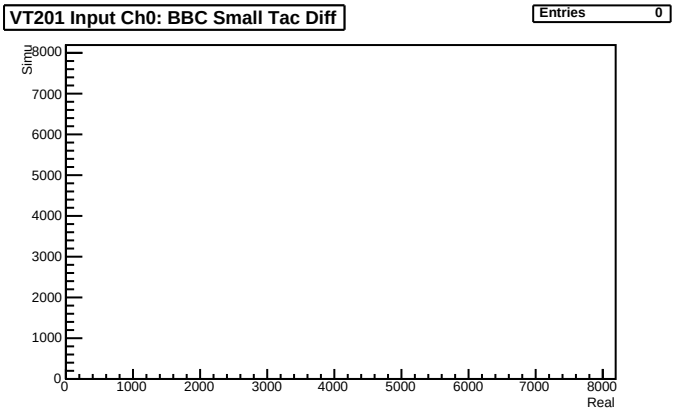

zdcWestTac
Entries 653008

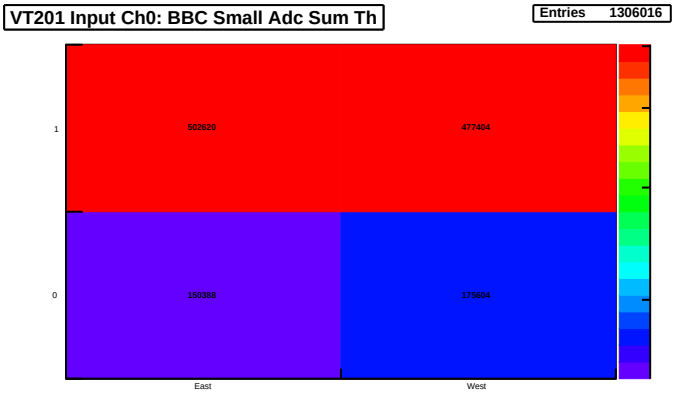

zdcWestTacVsSimu
Entries 2827
Data
Simu

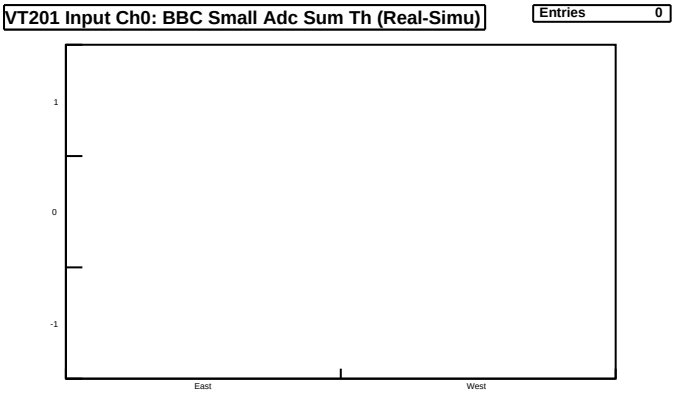

zdcAdcSum
Entries 7836096
37338
5028
21
18
6
6
111298
6282
55
49
36
32
615670
647980
652987
652990
653002
653002
541710
646726
652953
652959
652972
652976
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

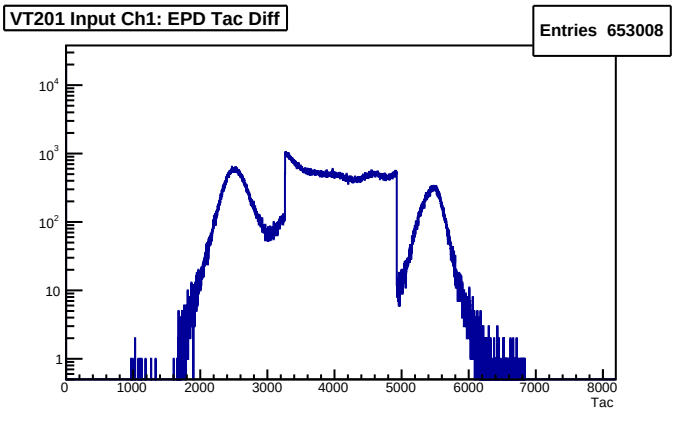

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

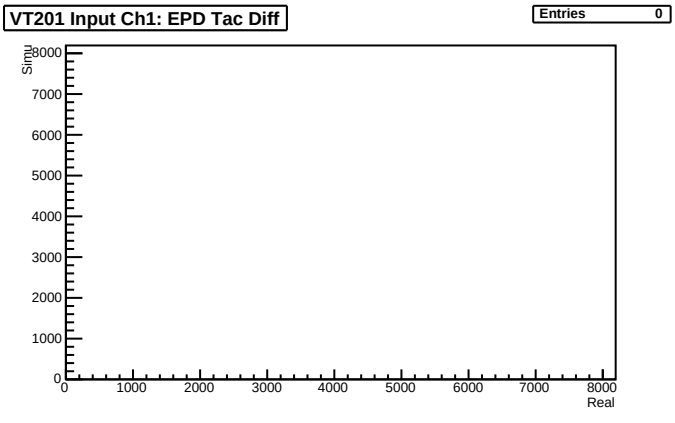

VT201 Input Ch0: BBC Small Tac Diff
Entries 653008
Tac

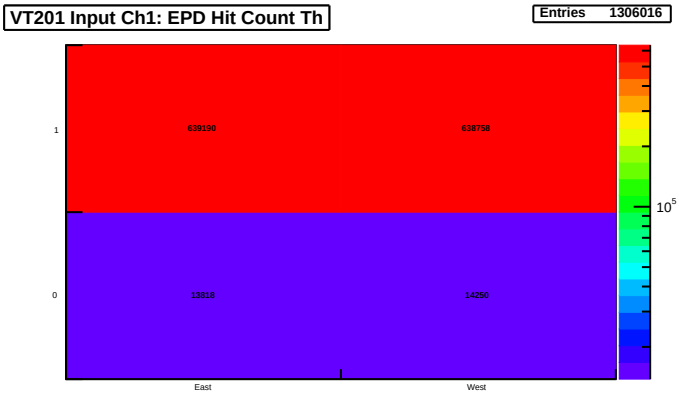

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

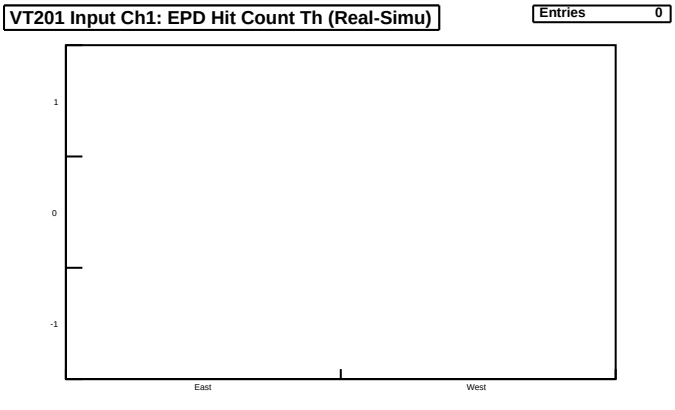

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1306016
502620
477404
150388
175604
East
West

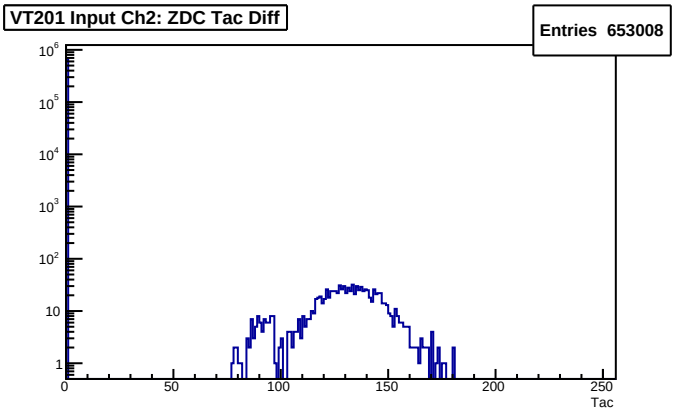

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

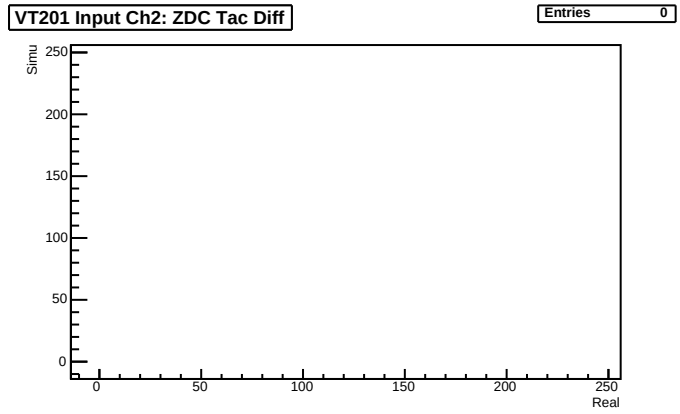

VT201 Input Ch1: EPD Tac Diff
Entries 653008
Tac

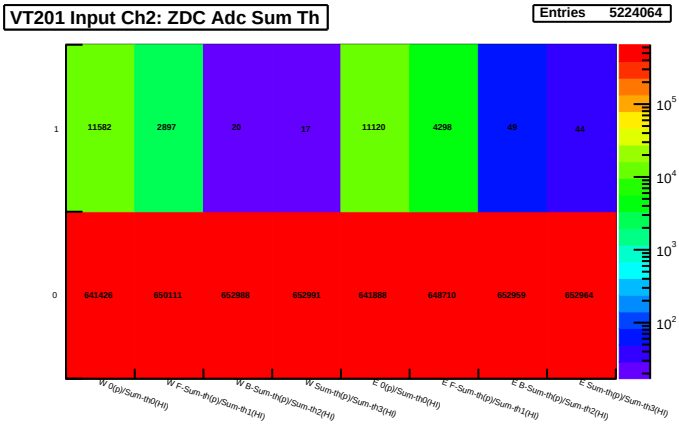

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

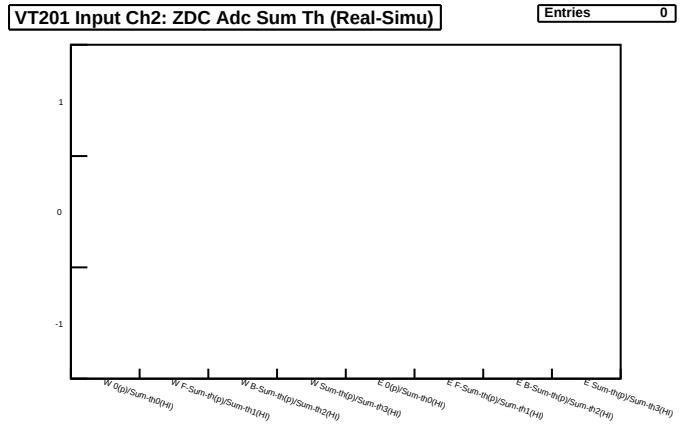

VT201 Input Ch1: EPD Hit Count Th
Entries 1306016
639190
638758
13818
14250
East
West

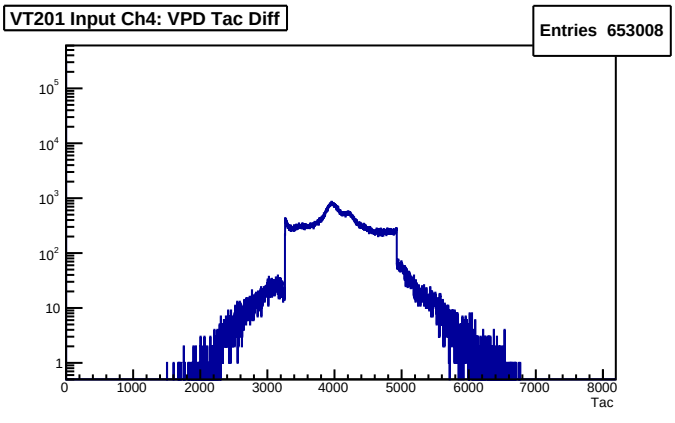

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

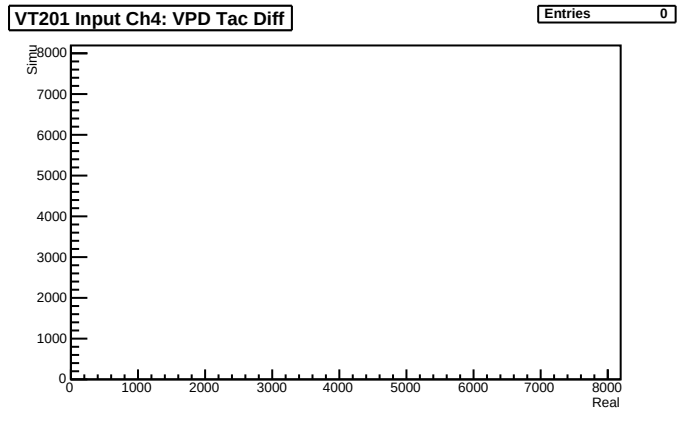

VT201 Input Ch2: ZDC Tac Diff
Entries 653008
Tac

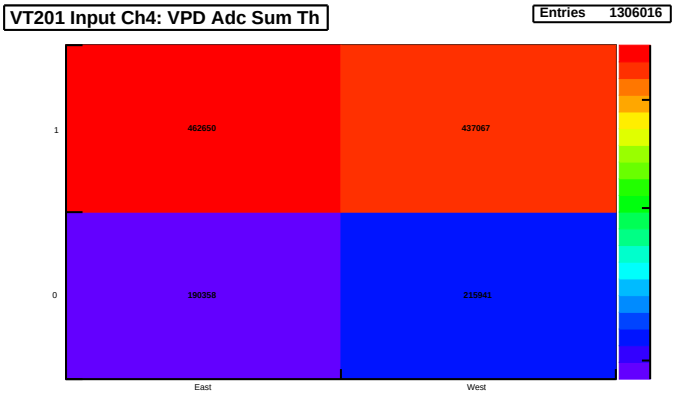

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

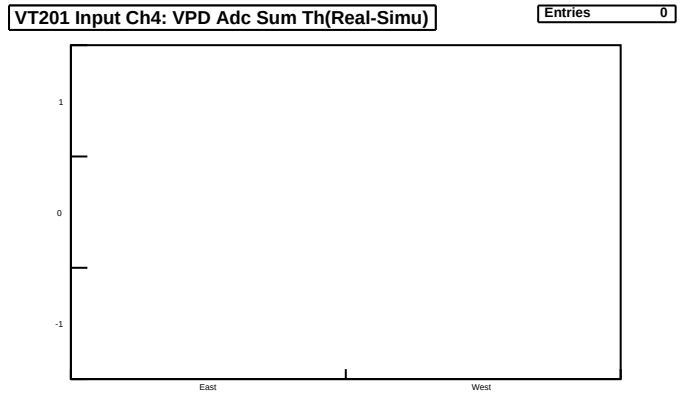

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5224064
11582
2897
20
17
11120
4298
49
44
641426
650111
652988
652991
641888
648710
652959
652964
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

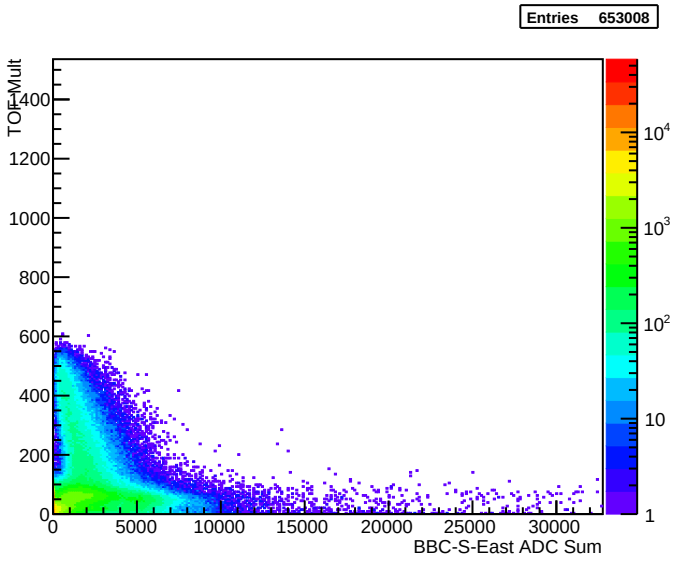

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

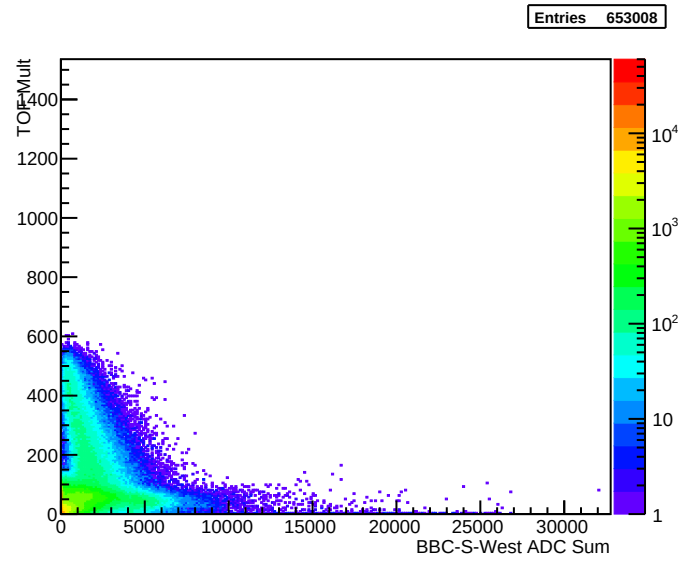

VT201 Input Ch4: VPD Tac Diff
Entries 653008
Tac

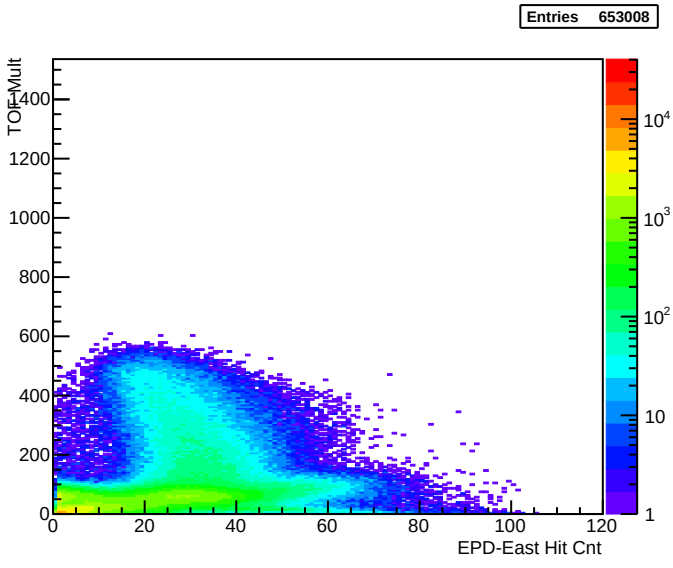

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

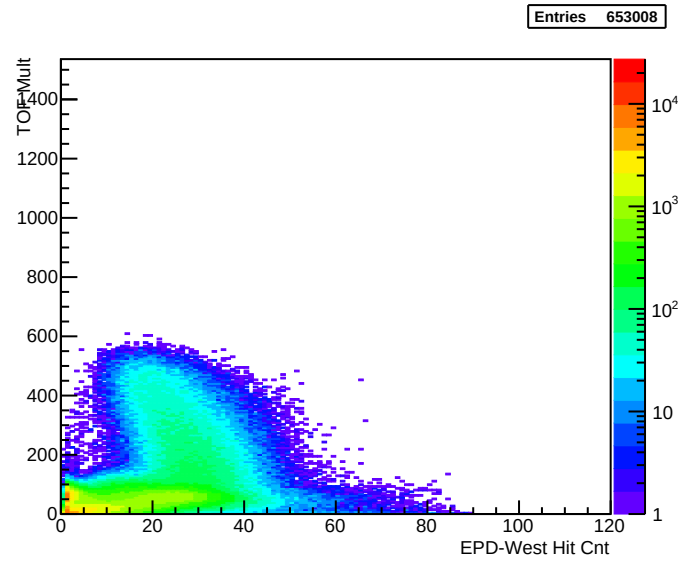

VT201 Input Ch4: VPD Adc Sum Th
Entries 1306016
462650
437067
190358
215941
East
West

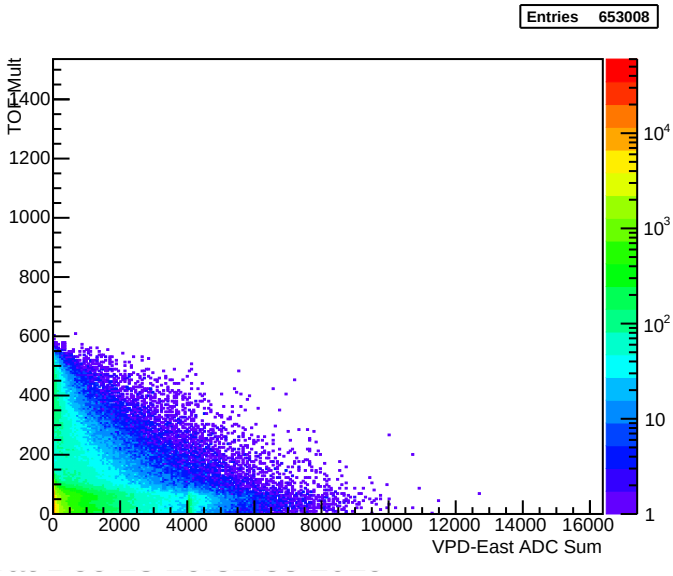

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

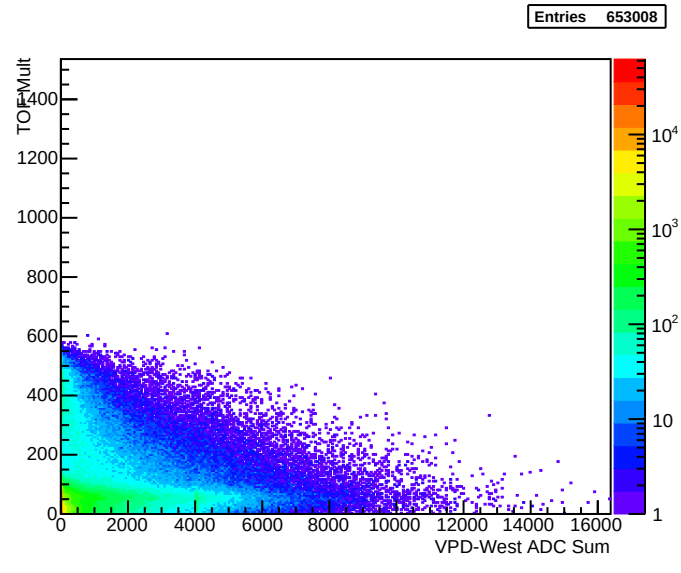

Entries 653008
TOF-Mult
BBC-S-East ADC Sum

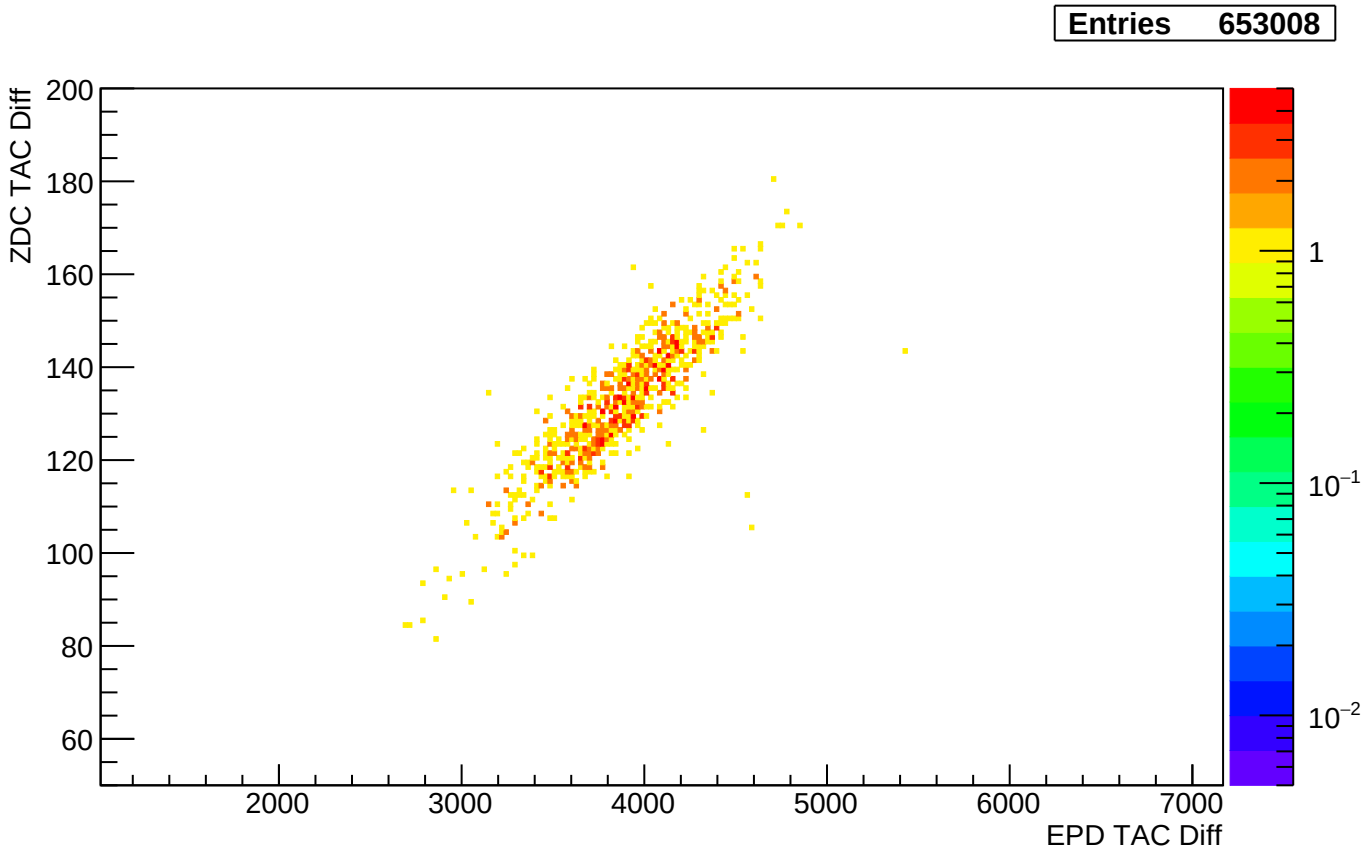

Entries 653008
TOF-Mult
BBC-S-West ADC Sum

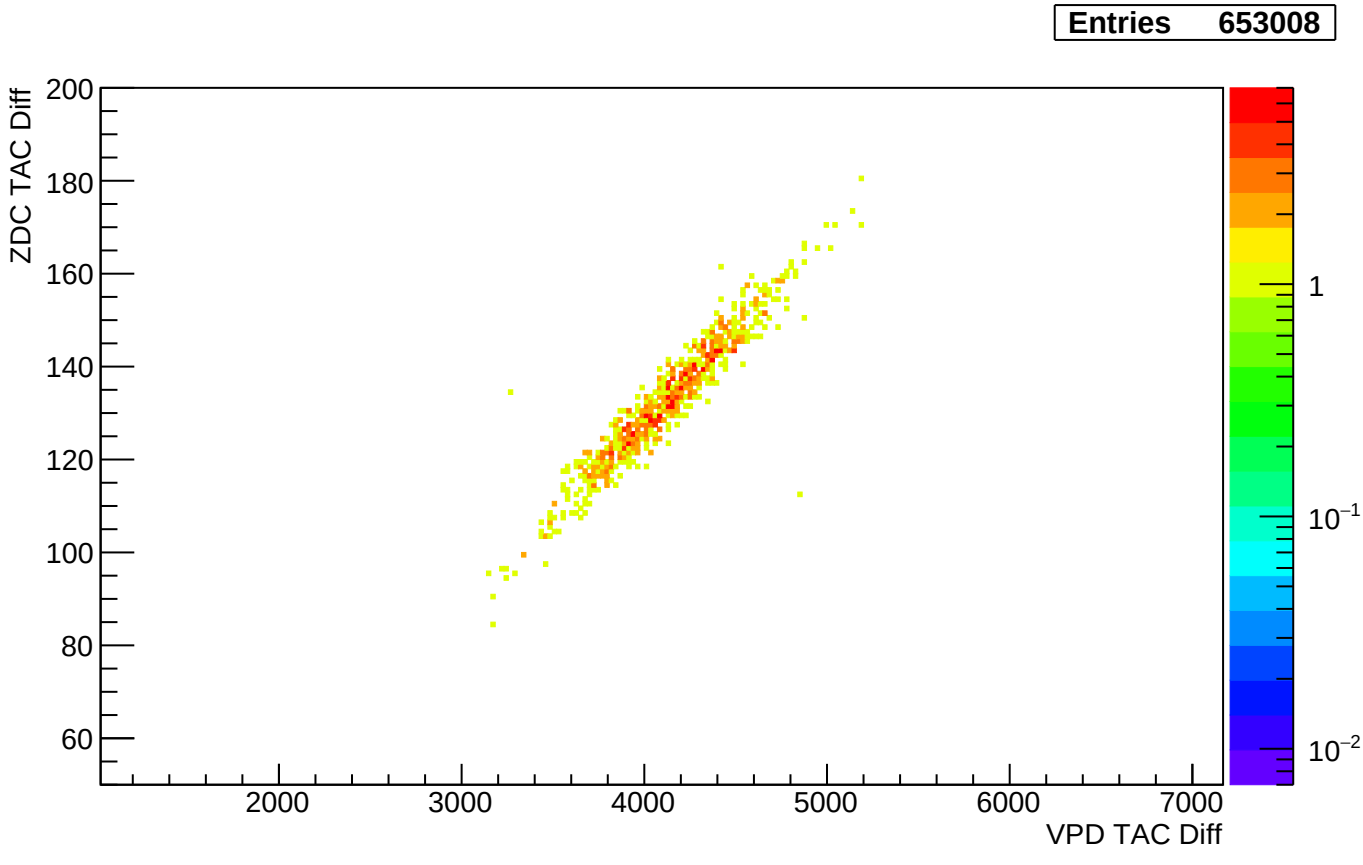

Entries 653008
TOF-Mult
EPD-East Hit Cnt

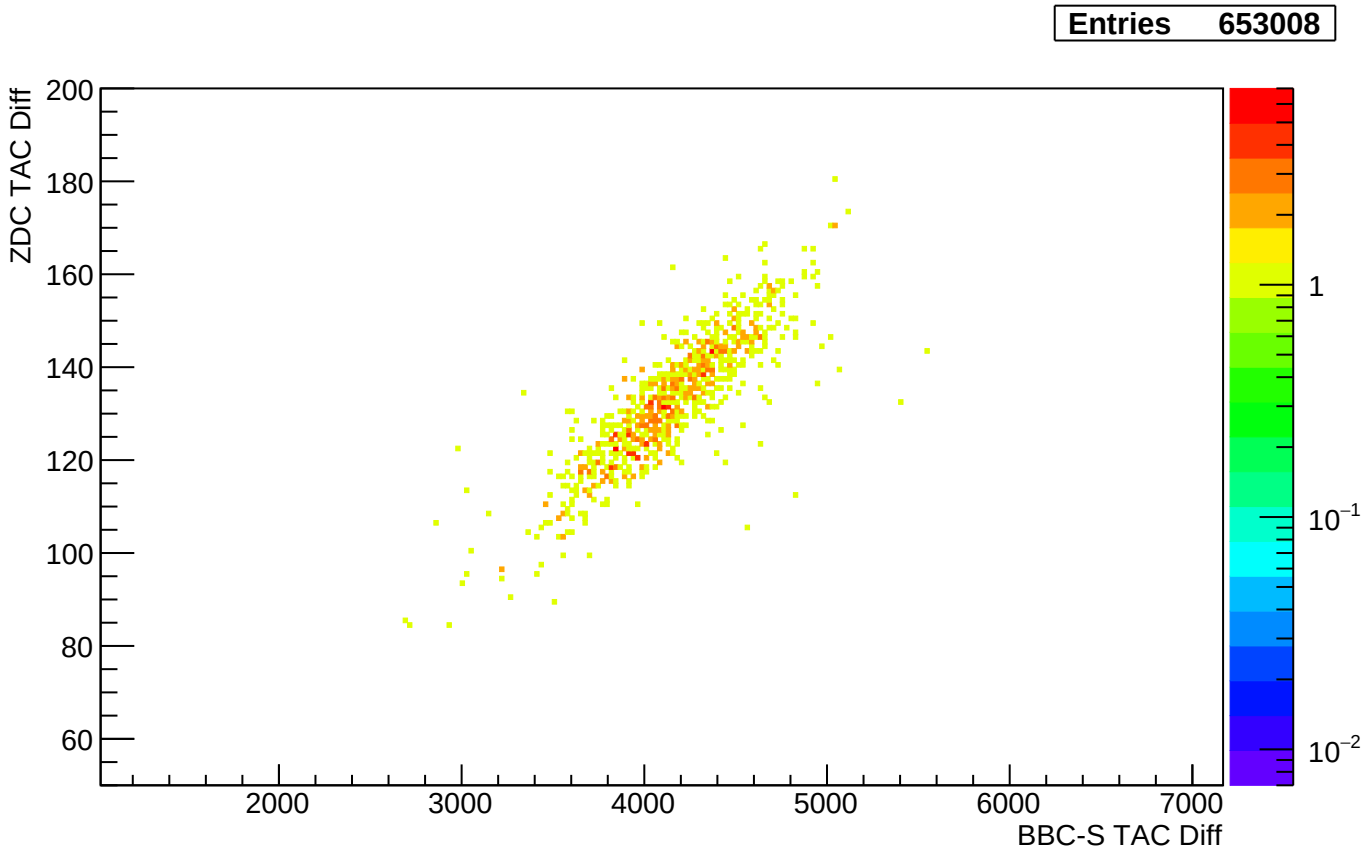

Entries 653008
TOF-Mult
EPD-West Hit Cnt

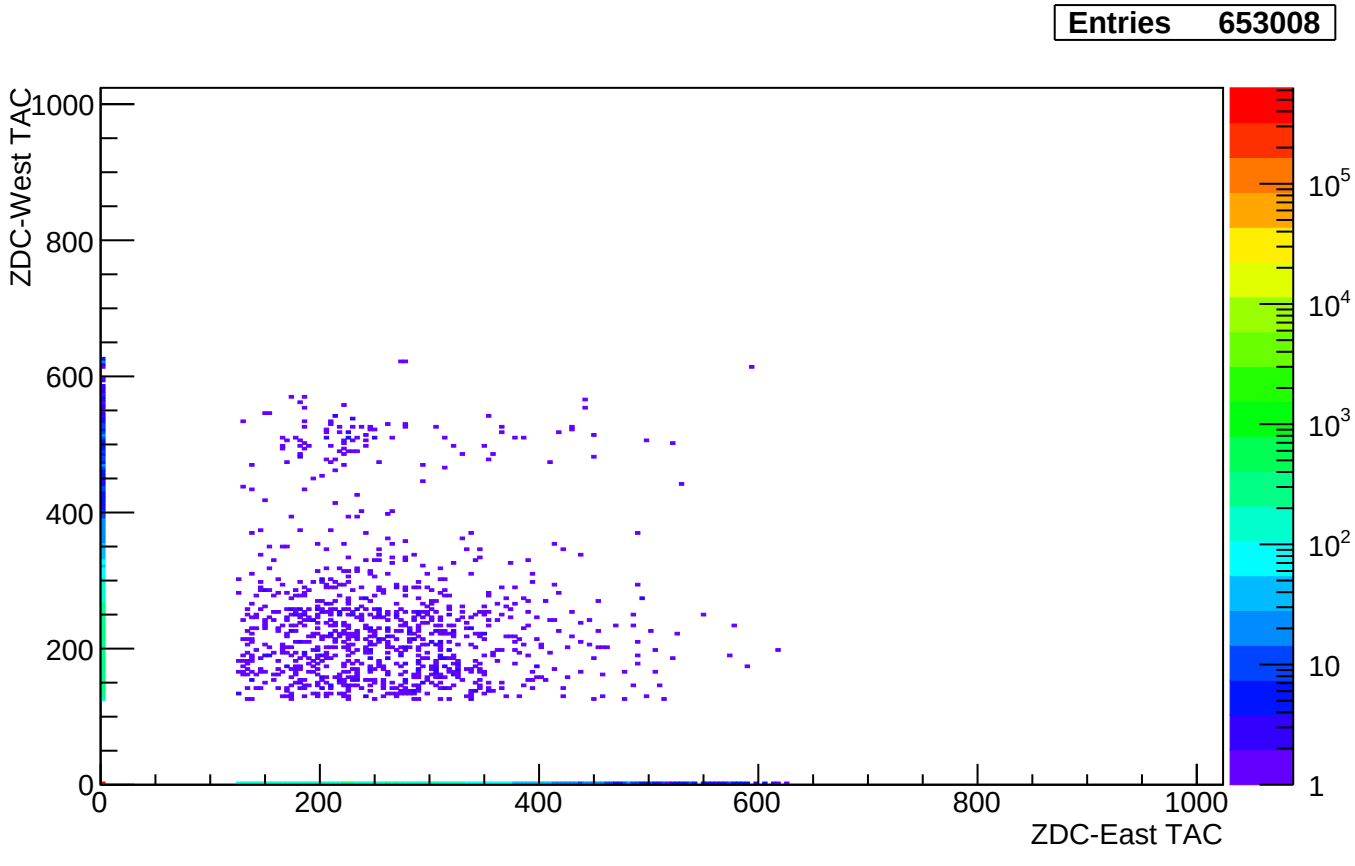

Entries 653008
TOF-Mult
VPD-East ADC Sum

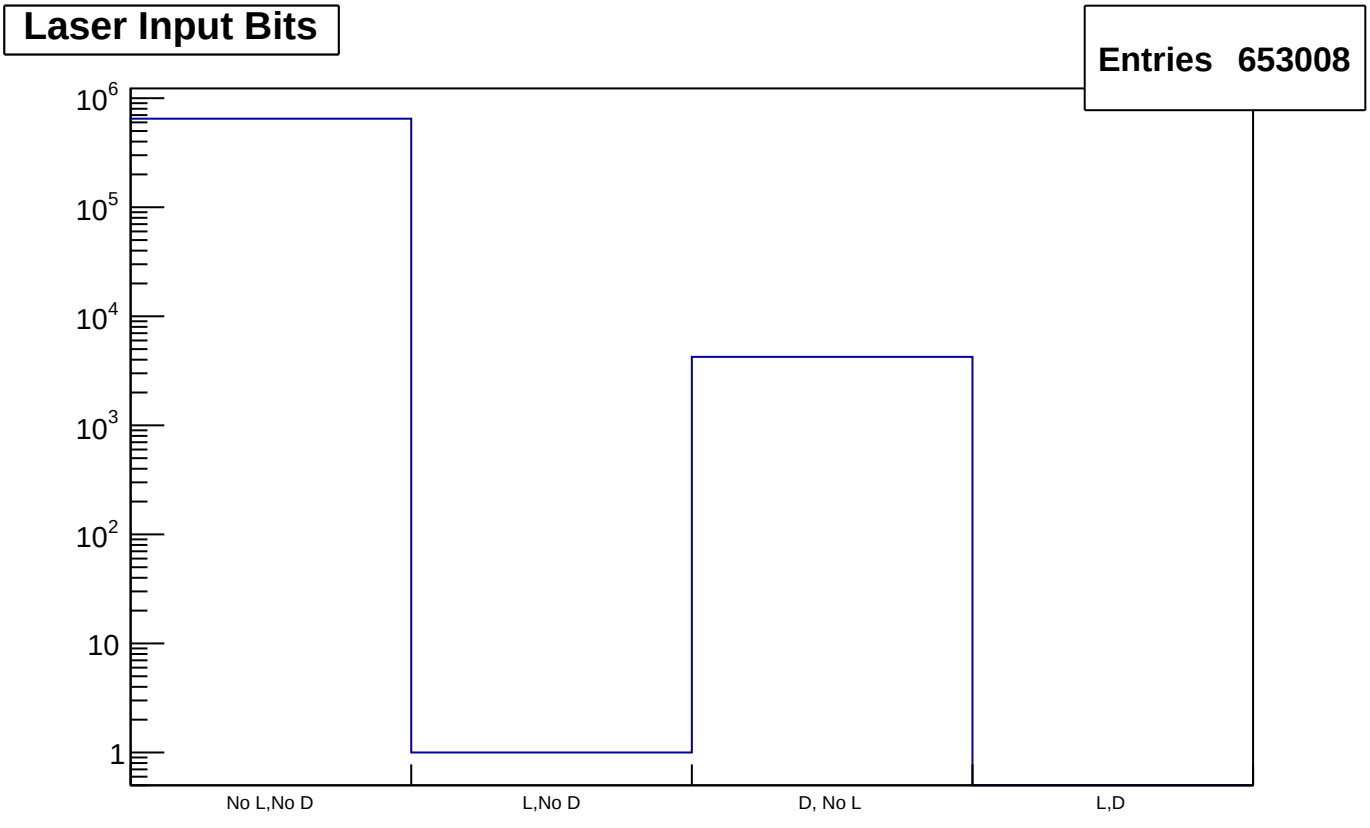

Entries 653008
TOF-Mult
VPD-West ADC Sum

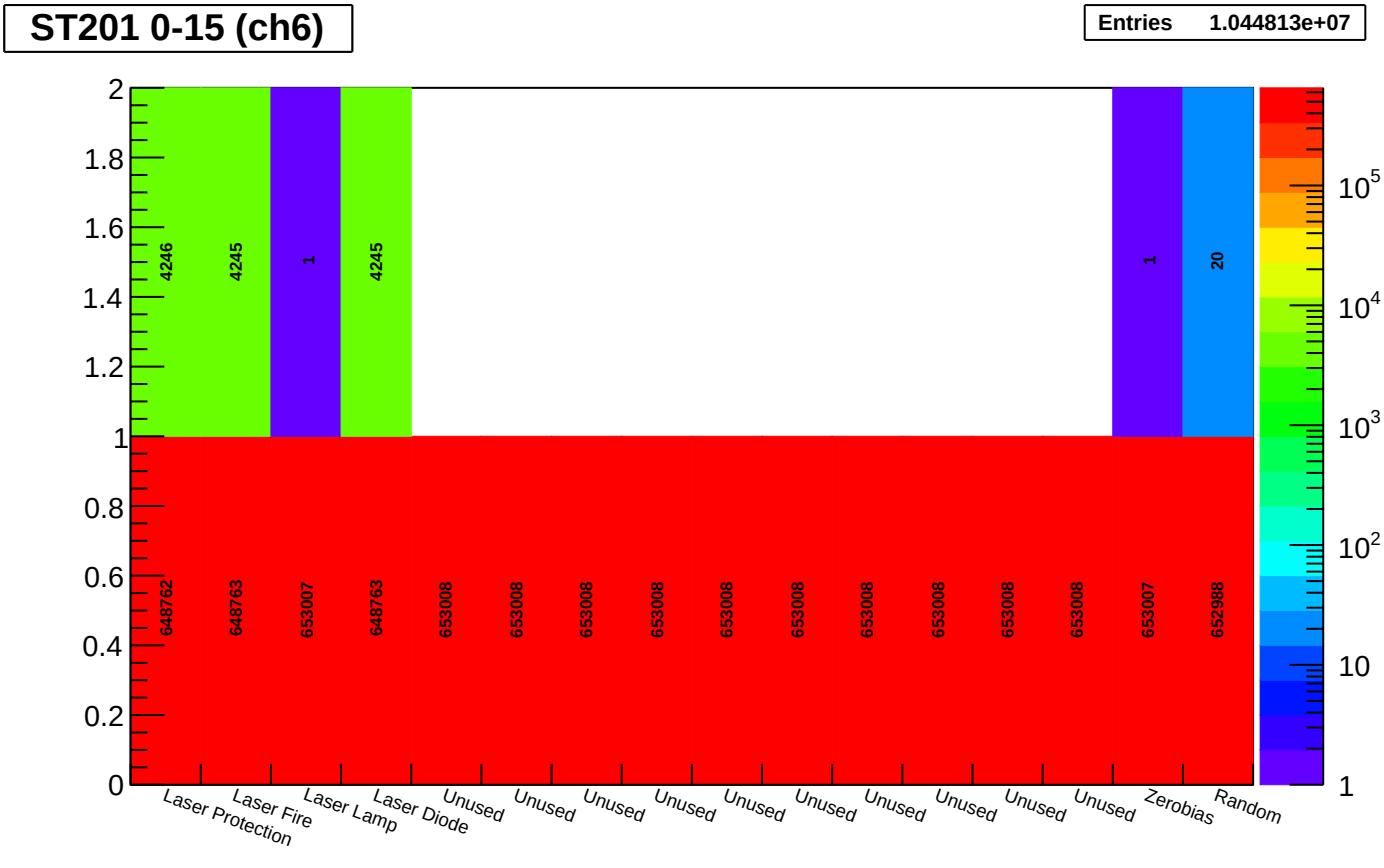

Entries 653008
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 653008
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}

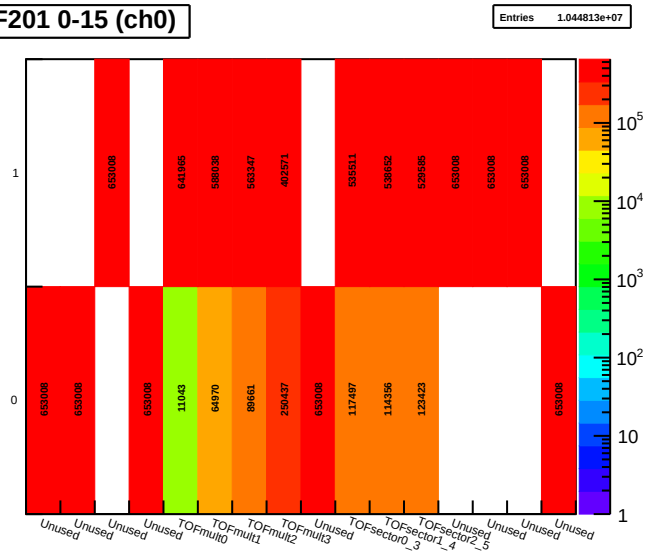

Entries 653008
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}


Entries 653008
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

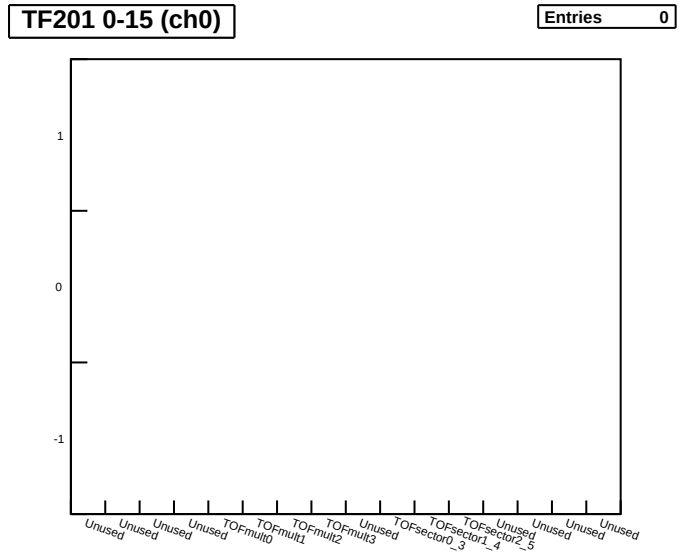

Laser Input Bits
Entries 653008
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.044813e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
4246
4245
1
4245
1
20
648762
648763
653007
648763
653008
653008
653008
653008
653008
653008
653008
653008
653008
653008
653007
652988
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

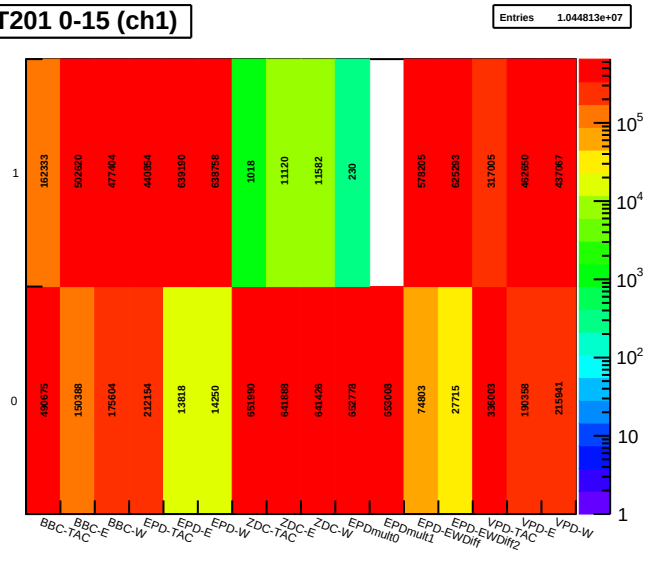
TF201 0-15 (ch0)



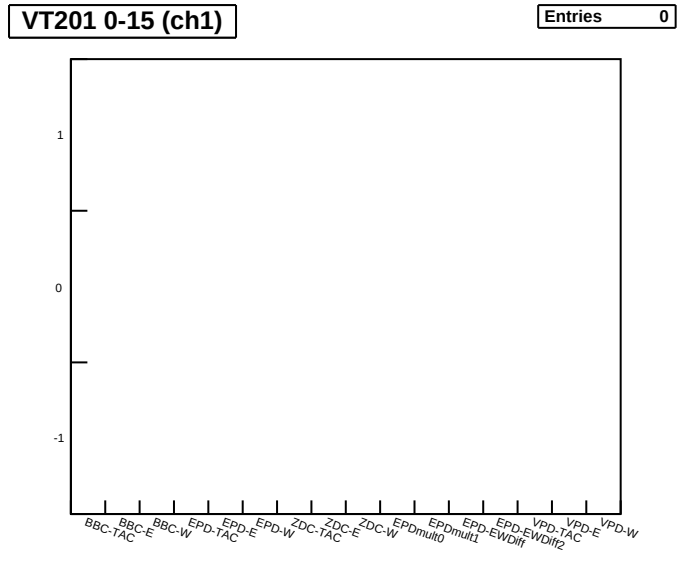
TF201 0-15 (ch0)



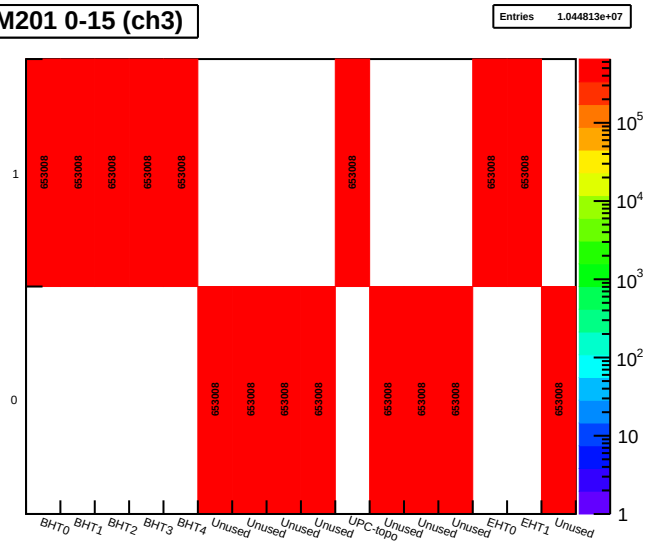
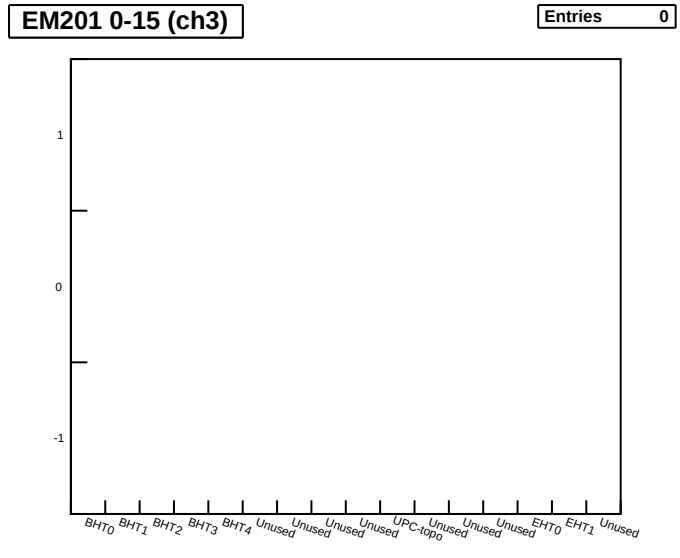
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)