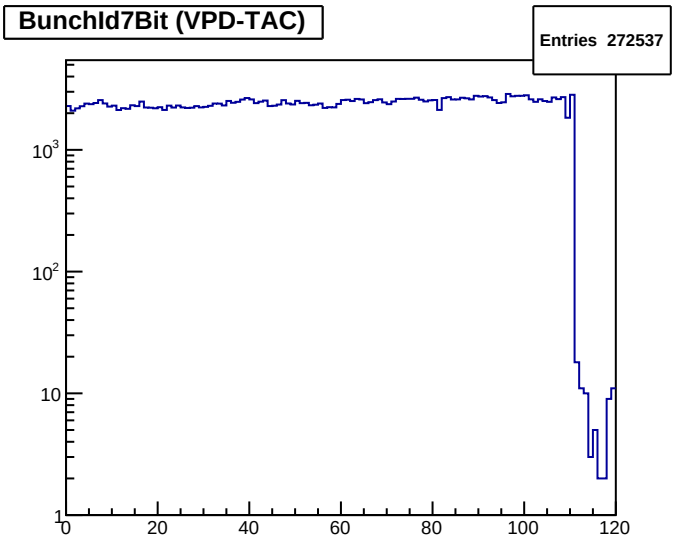
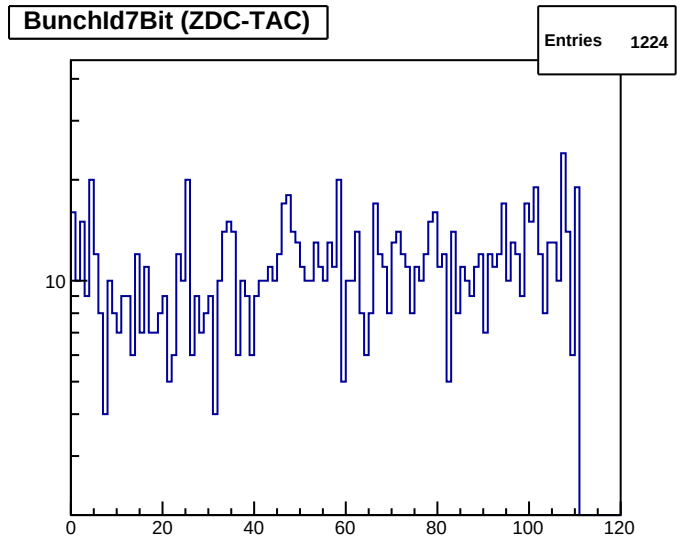
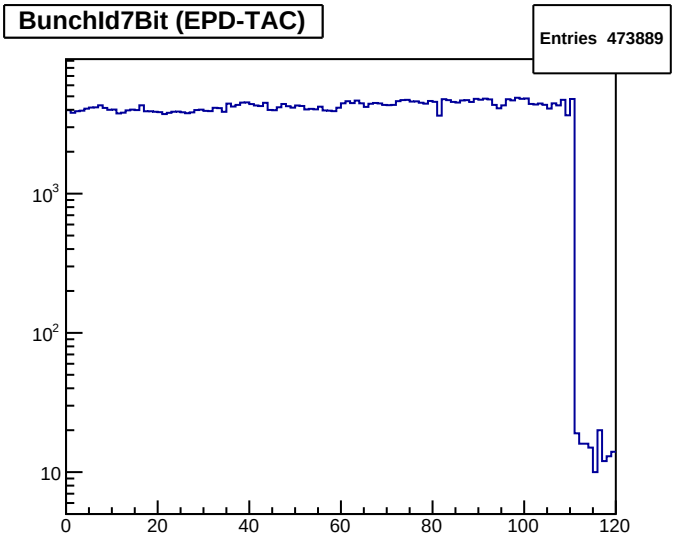
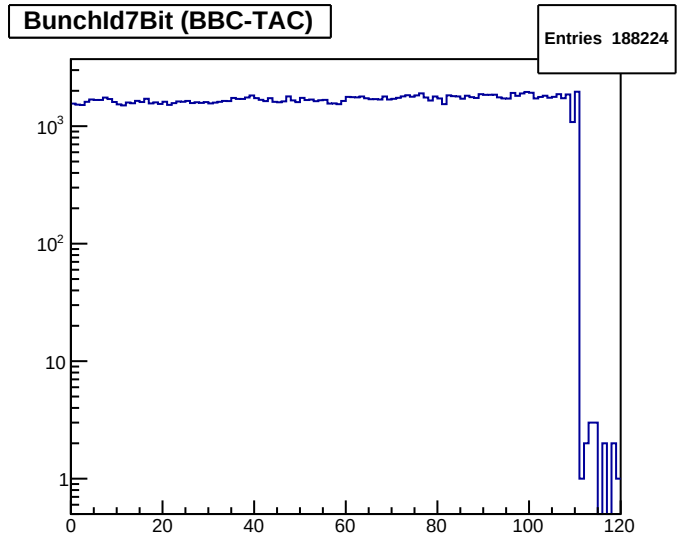
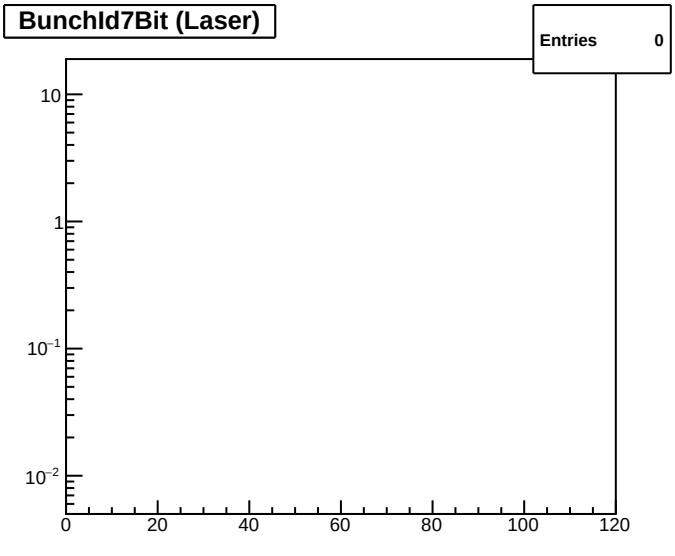
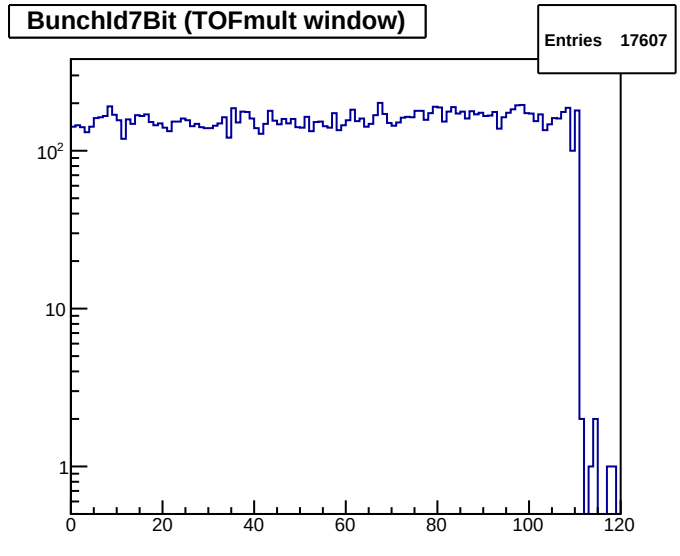

BunchId7Bit (VPD-TAC)
Entries 272537

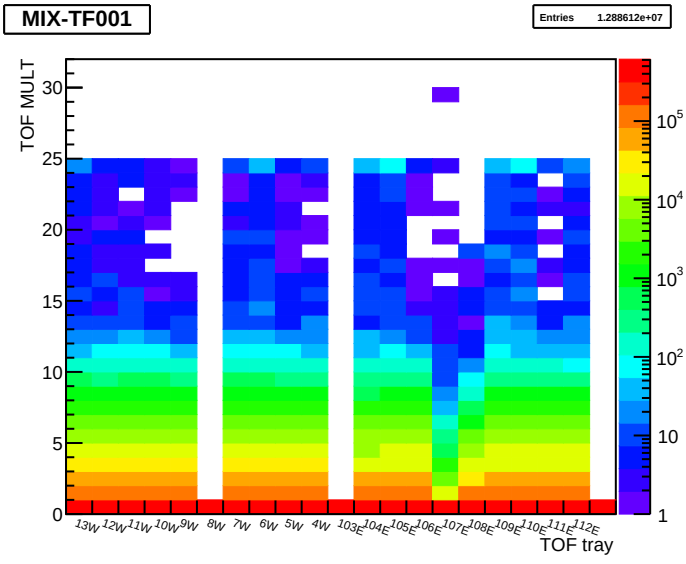

BunchId7Bit (ZDC-TAC)
Entries 1224

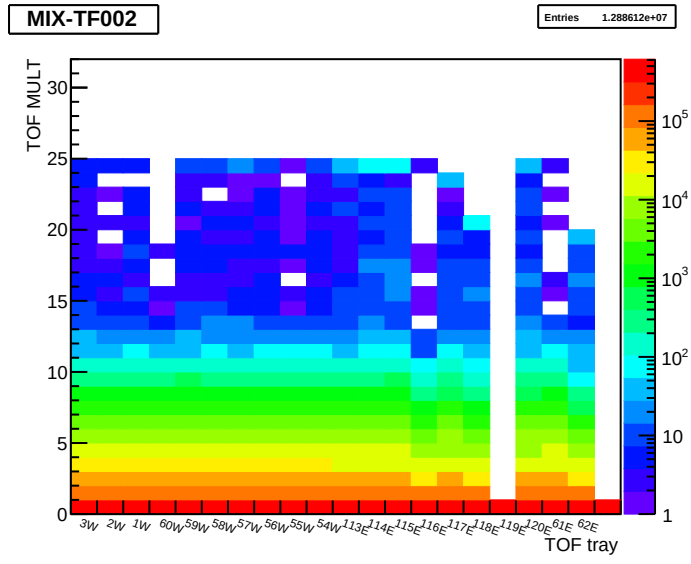

BunchId7Bit (EPD-TAC)
Entries 473889

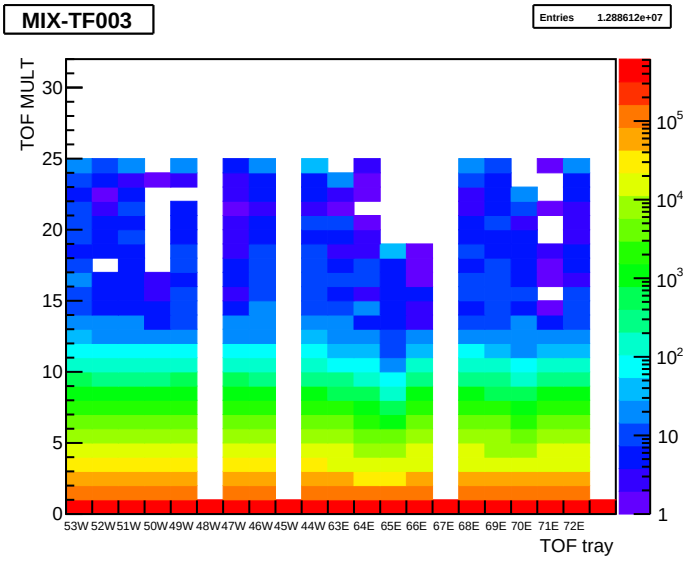

BunchId7Bit (BBC-TAC)
Entries 188224

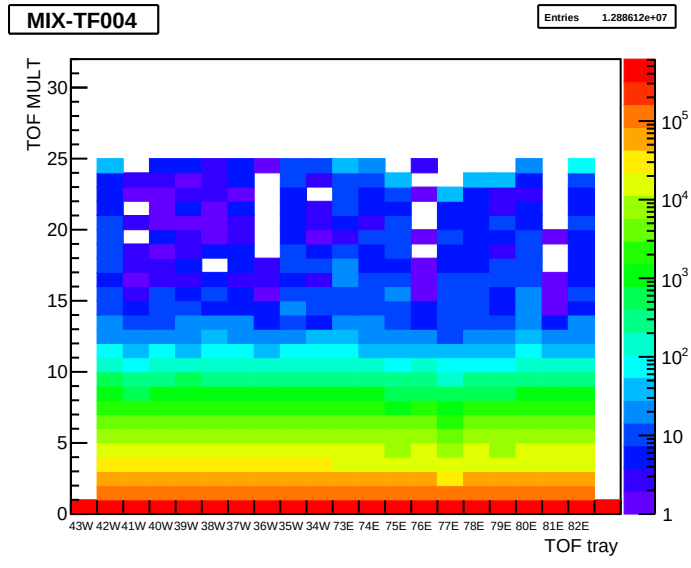

BunchId7Bit (Laser)
Entries 0

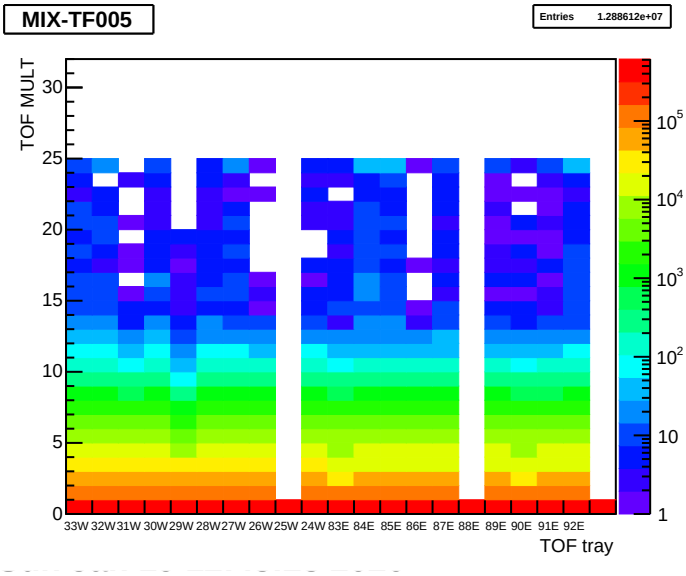

BunchId7Bit (TOFmult window)
Entries 17607

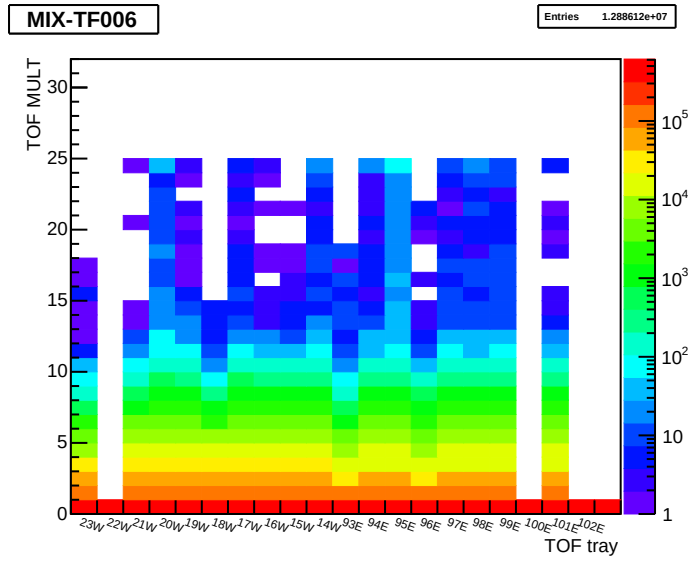

MIX-TF001
Entries 1.288612e+07
TOF MULT
TOF tray

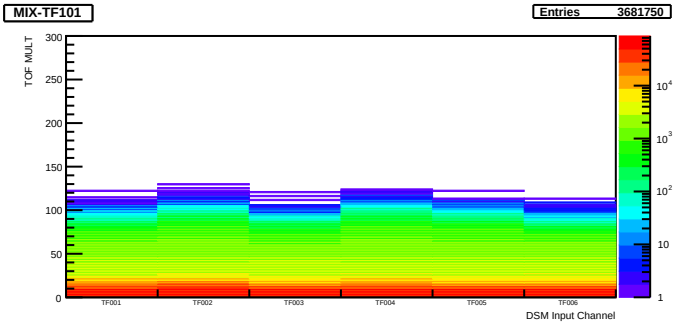

MIX-TF002
Entries 1.288612e+07
TOF MULT
TOF tray

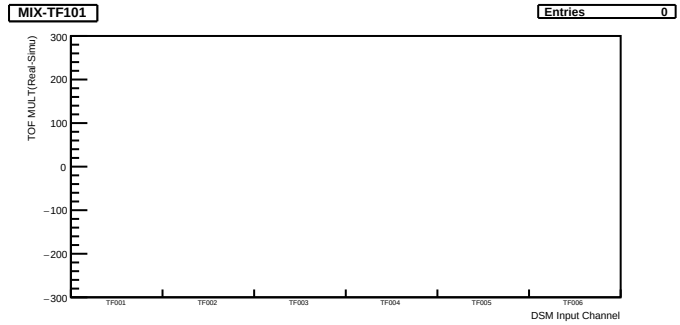

MIX-TF003
Entries 1.288612e+07
TOF MULT
TOF tray

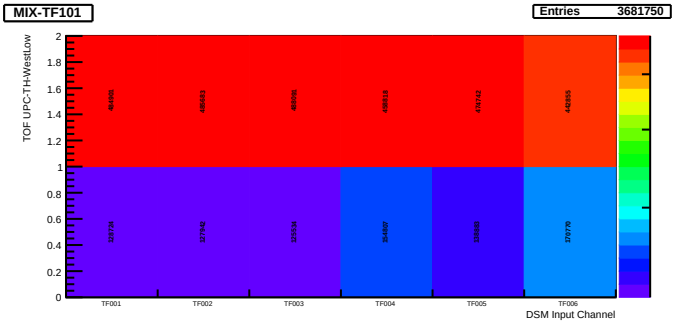

MIX-TF004
Entries 1.288612e+07
TOF MULT
TOF tray

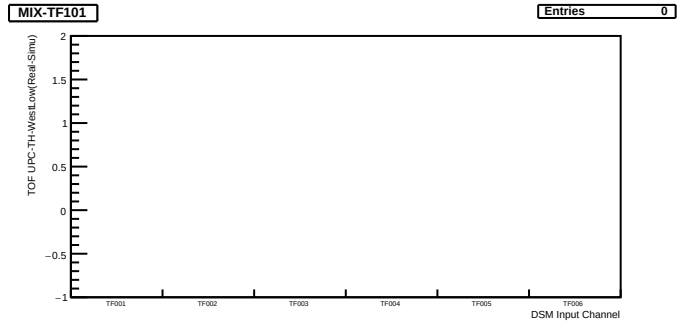

MIX-TF005
Entries 1.288612e+07
TOF MULT
TOF tray

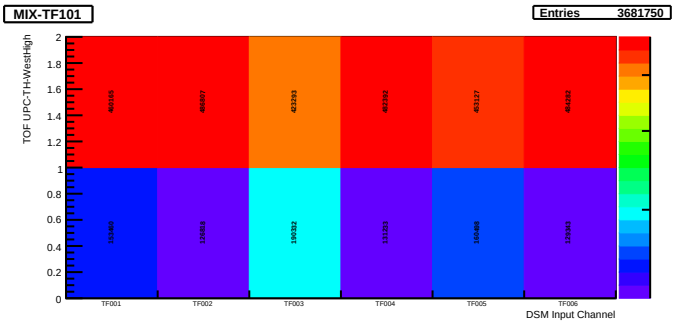

MIX-TF006
Entries 1.288612e+07
TOF MULT
TOF tray

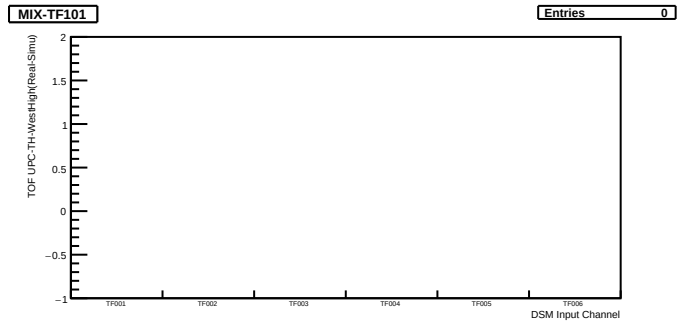

MIX-TF101
Entries 3681750
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

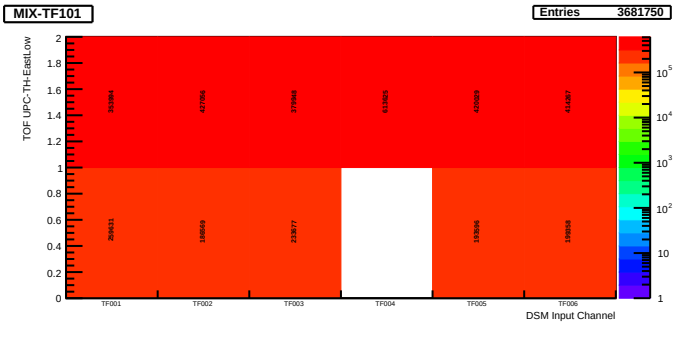

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

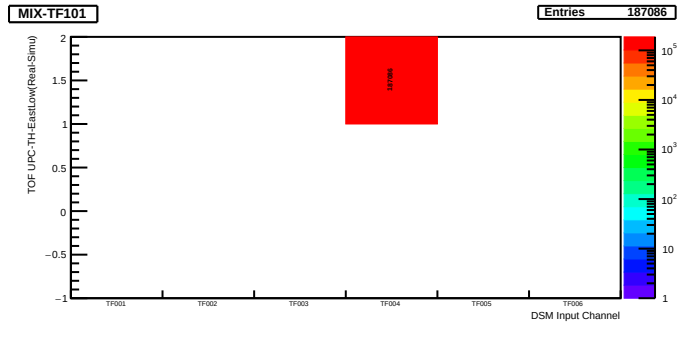

MIX-TF101
Entries 3681750
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

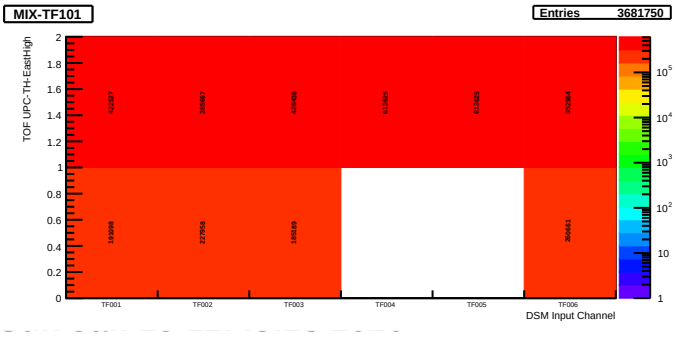

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

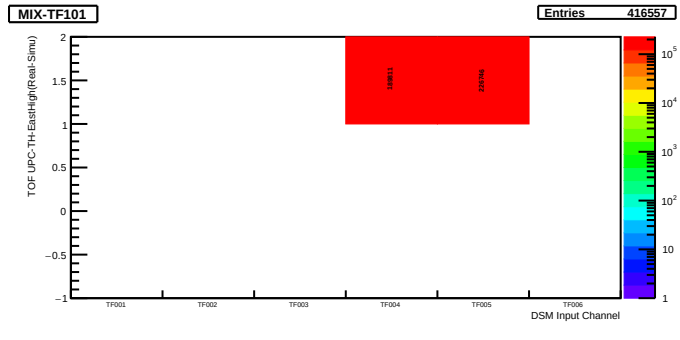

MIX-TF101
Entries 3681750
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

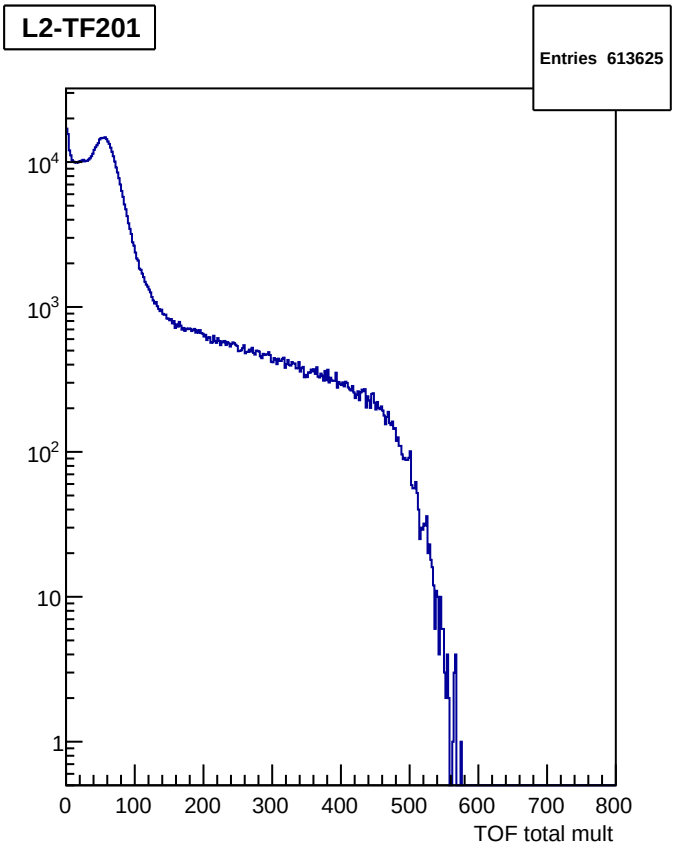

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

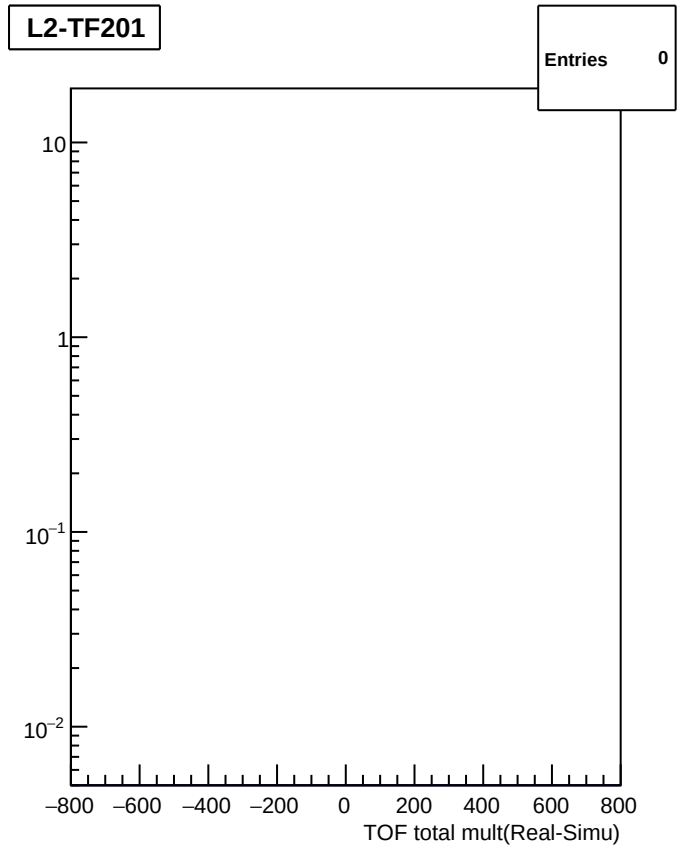

MIX-TF101
Entries 3681750
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

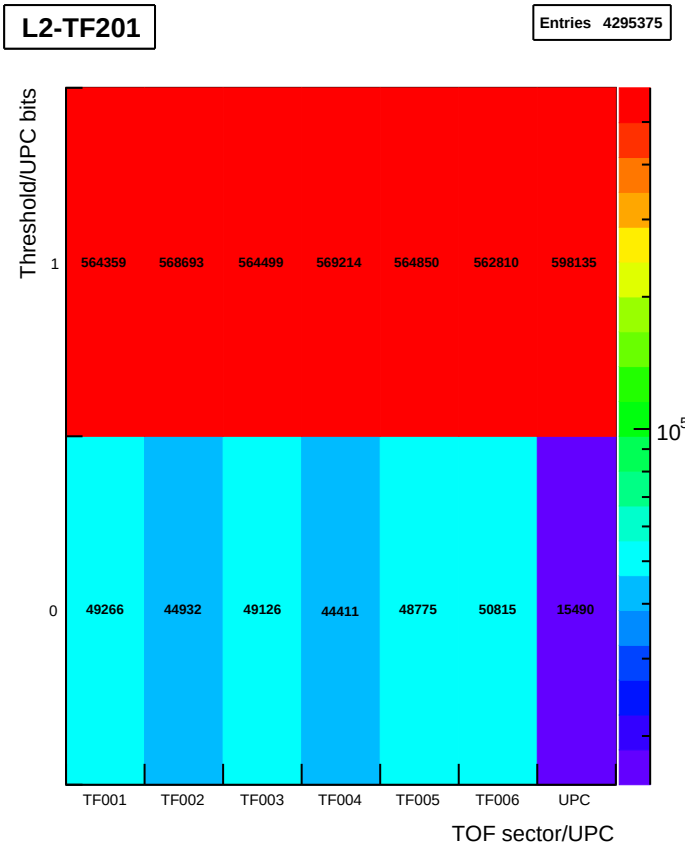

MIX-TF101
Entries 187086
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

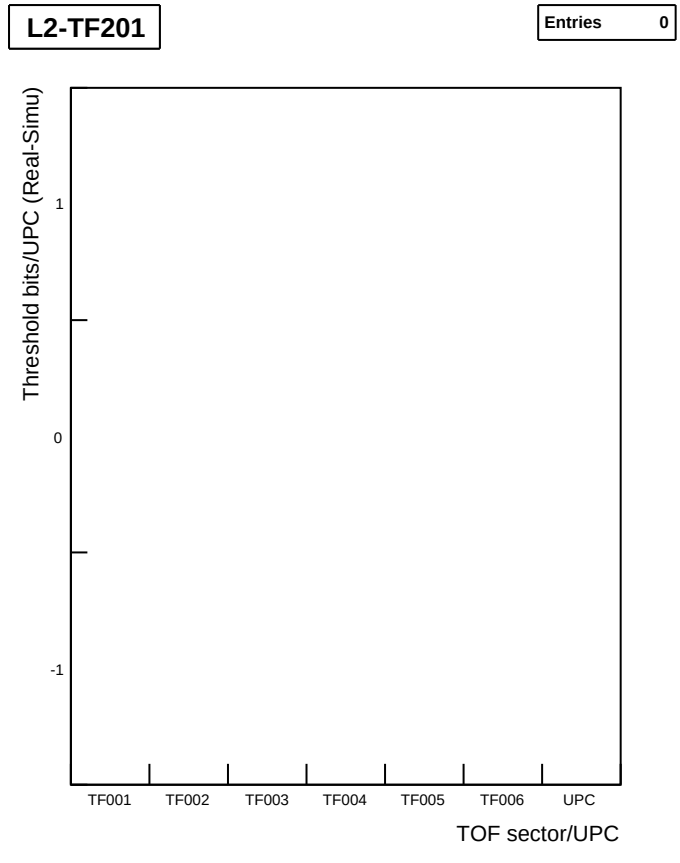

MIX-TF101
Entries 3681750
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

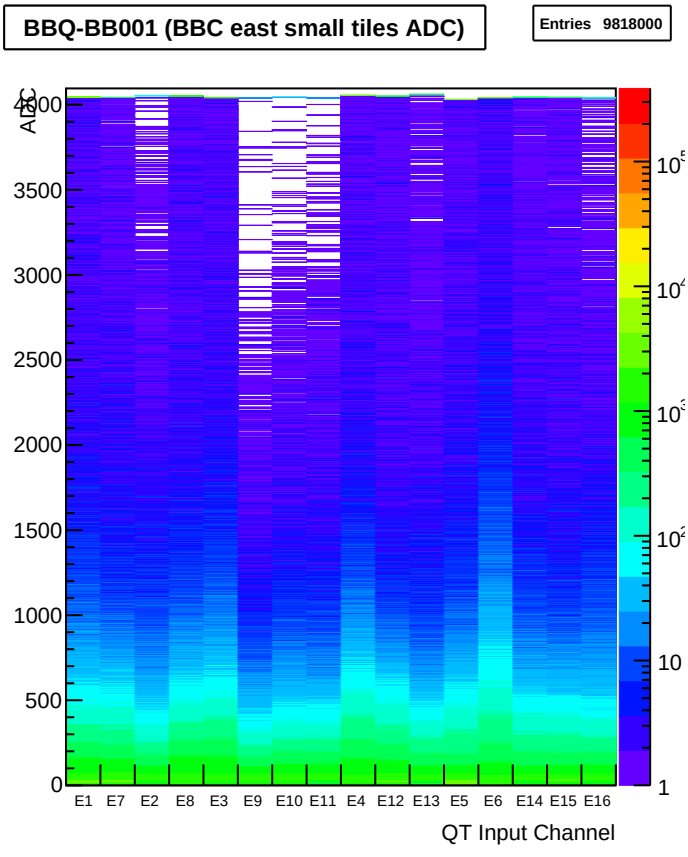

MIX-TF101
Entries 416557
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

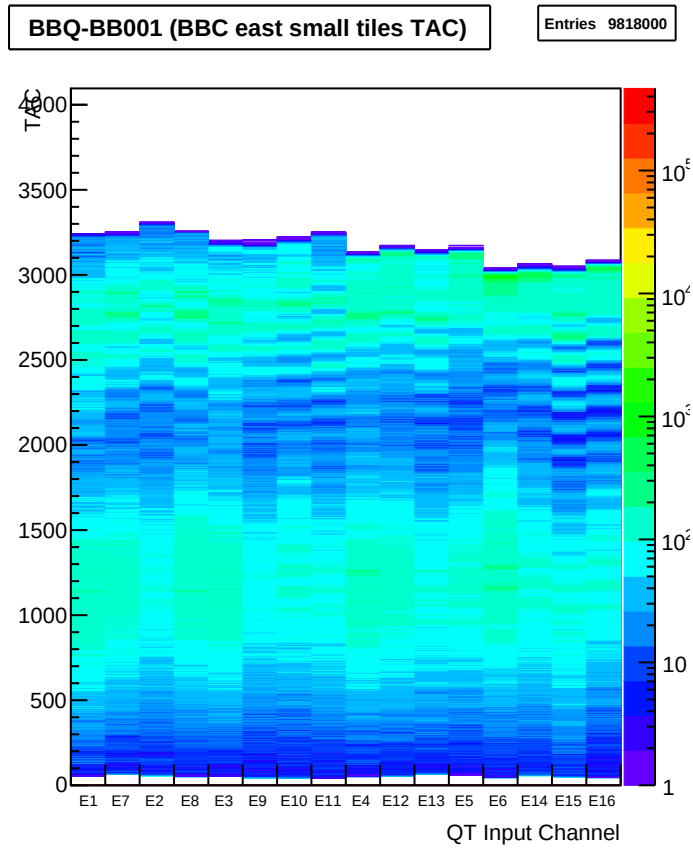

L2-TF201
Entries 613625
TOF total mult

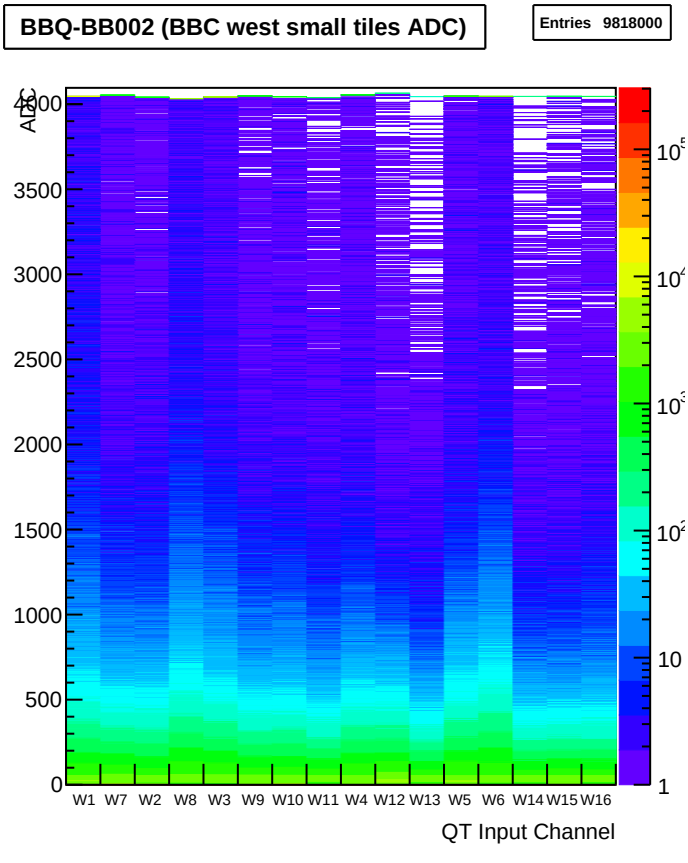

L2-TF201
Entries 0
TOF total mult(Real-Simu)

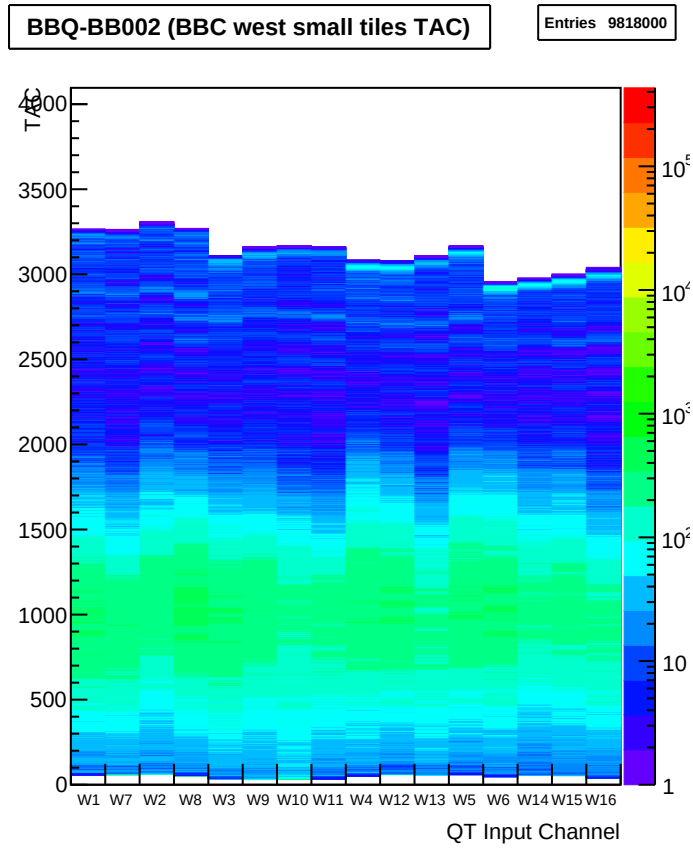

L2-TF201
Entries 4295375
Threshold/UPC bits
564359
568693
564499
569214
564850
562810
598135
49266
44932
49126
44411
48775
50815
15490
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

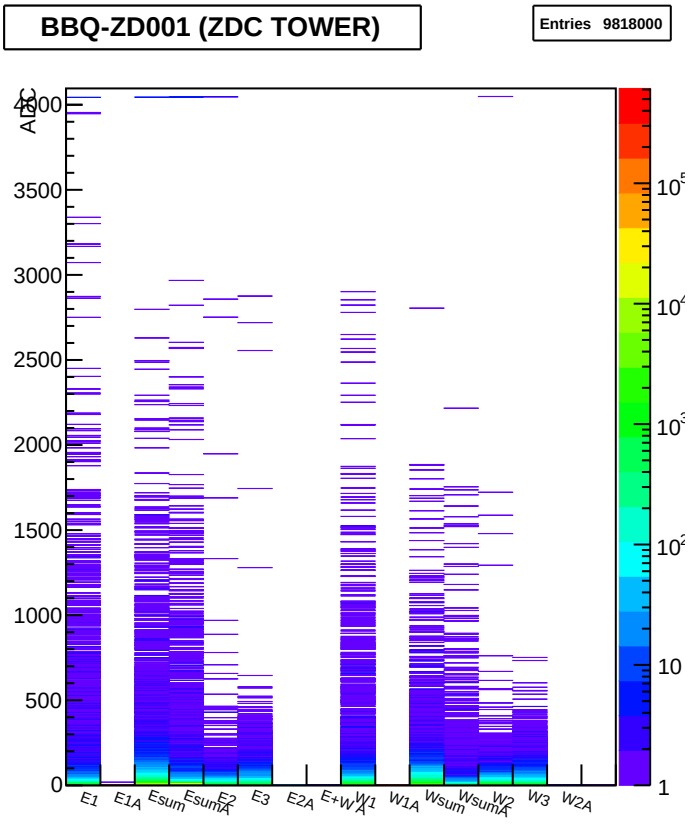

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

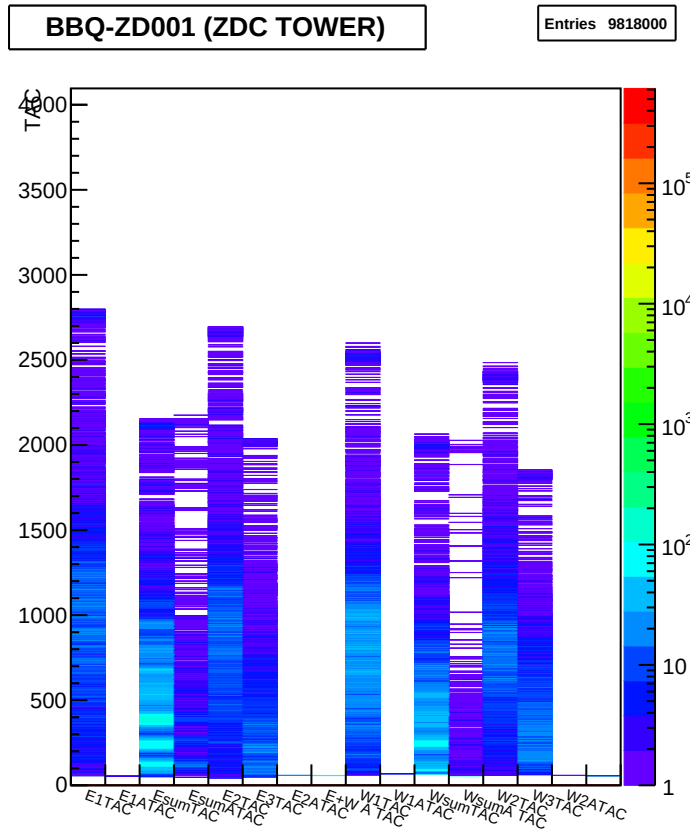

BBQ-BB001 (BBC east small tiles ADC)
Entries 9818000
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

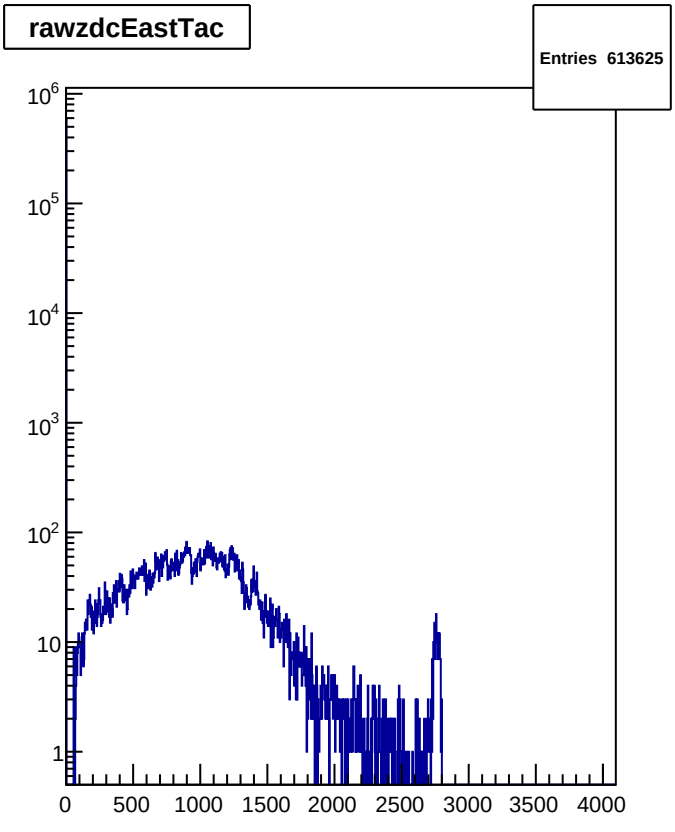

BBQ-BB001 (BBC east small tiles TAC)
Entries 9818000
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

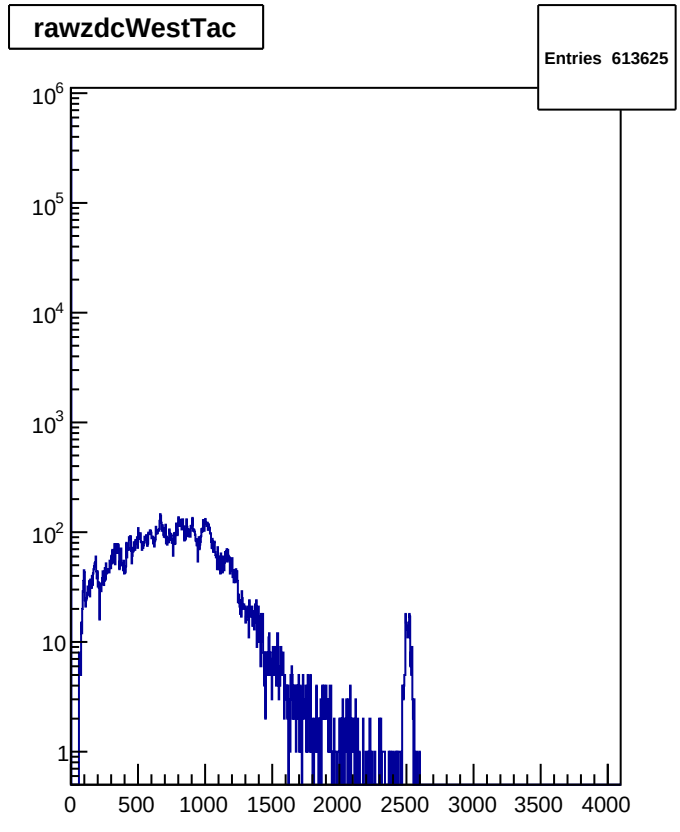

BBQ-BB002 (BBC west small tiles ADC)
Entries 9818000
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

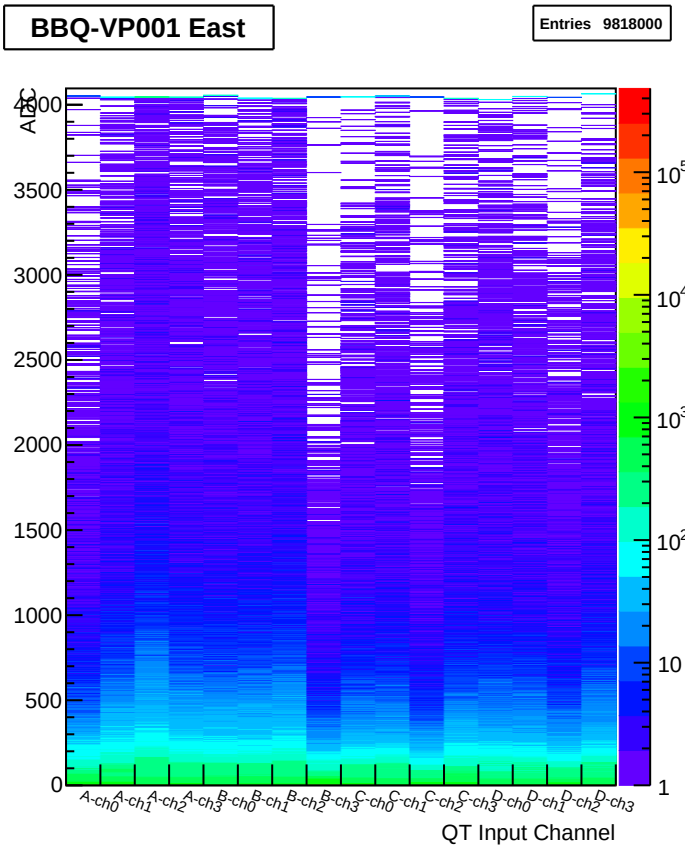

BBQ-BB002 (BBC west small tiles TAC)
Entries 9818000
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

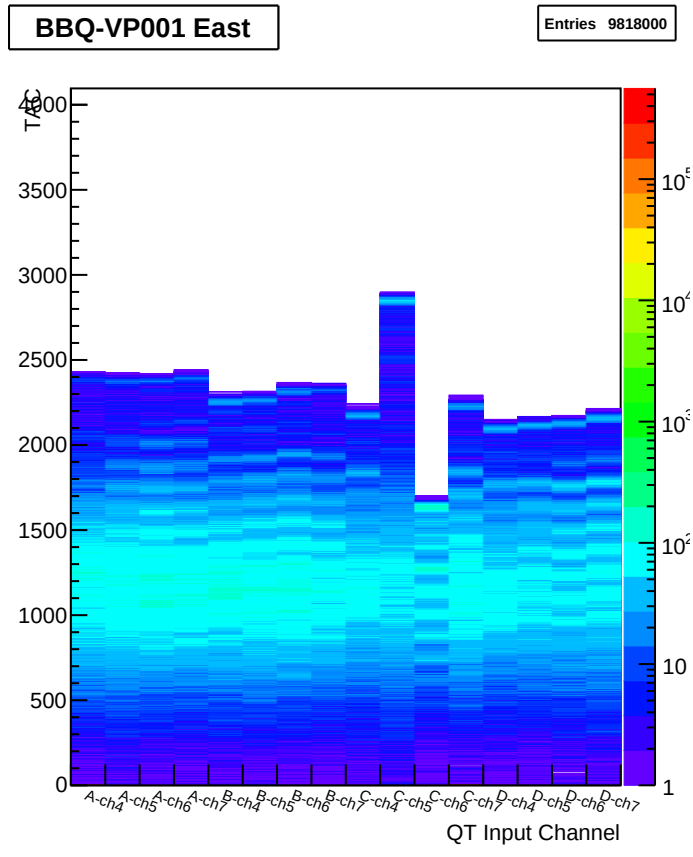

BBQ-ZD001 (ZDC TOWER)
Entries 9818000
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

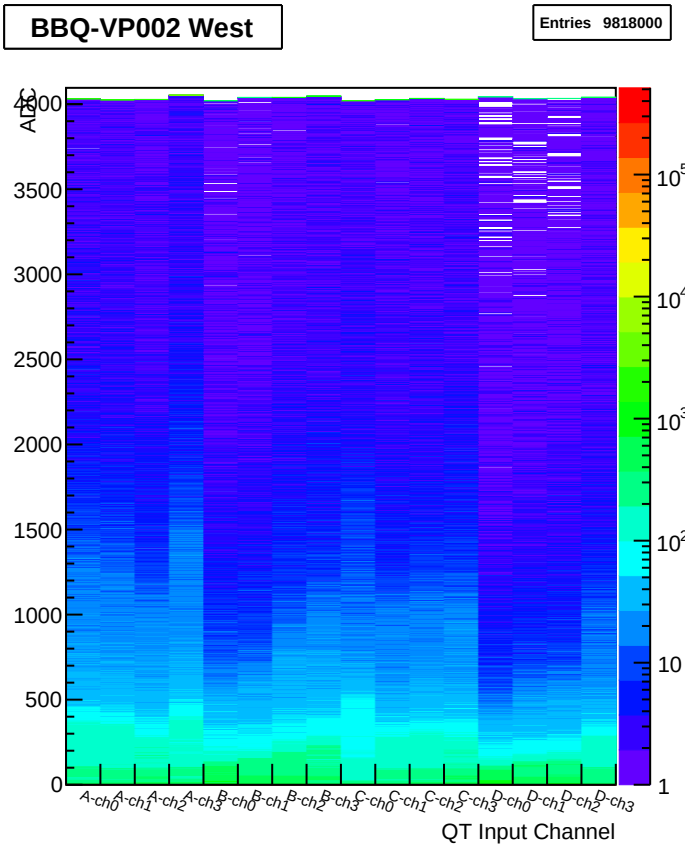

BBQ-ZD001 (ZDC TOWER)
Entries 9818000
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

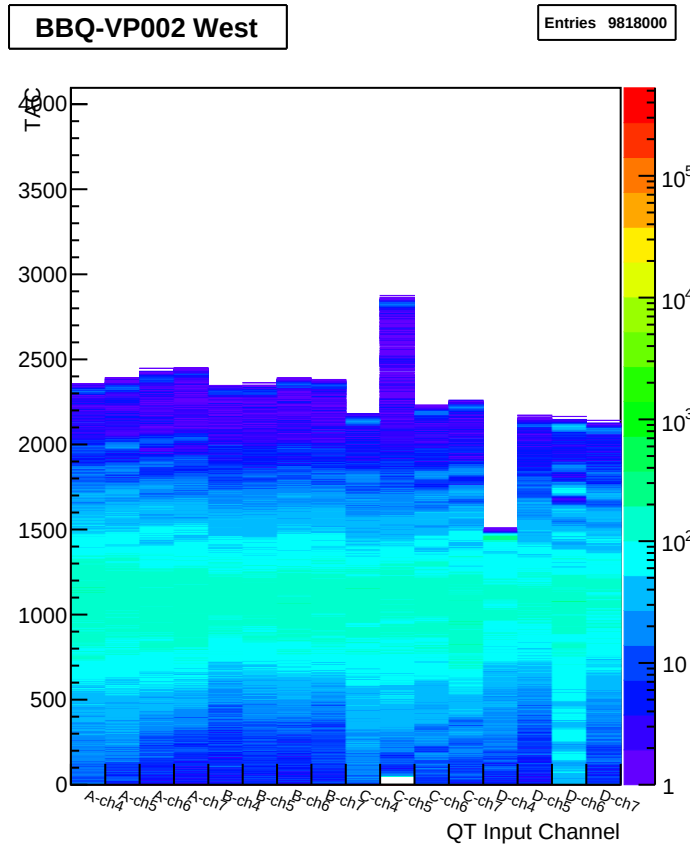

rawzdcEastTac
Entries 613625

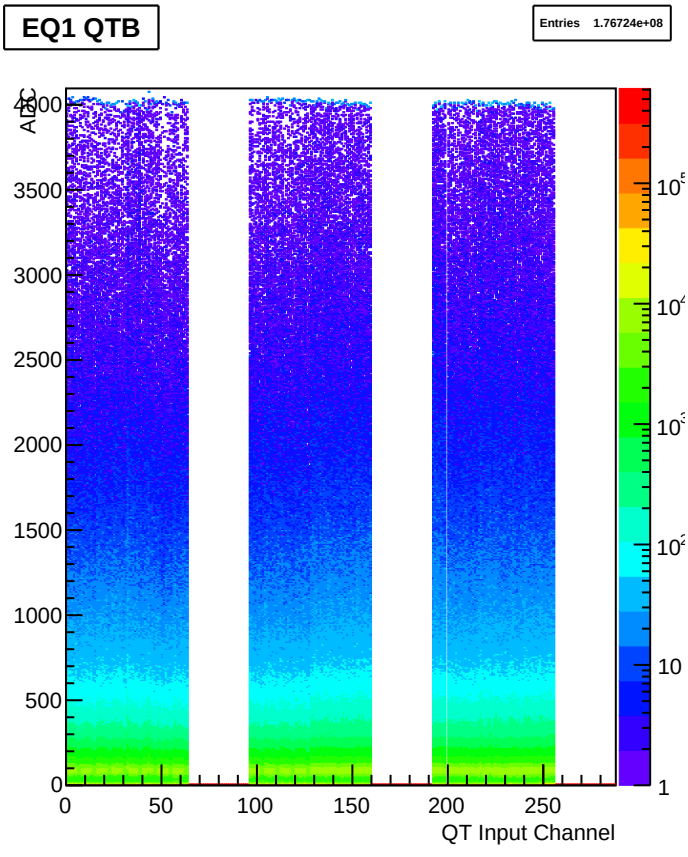

rawzdcWestTac
Entries 613625

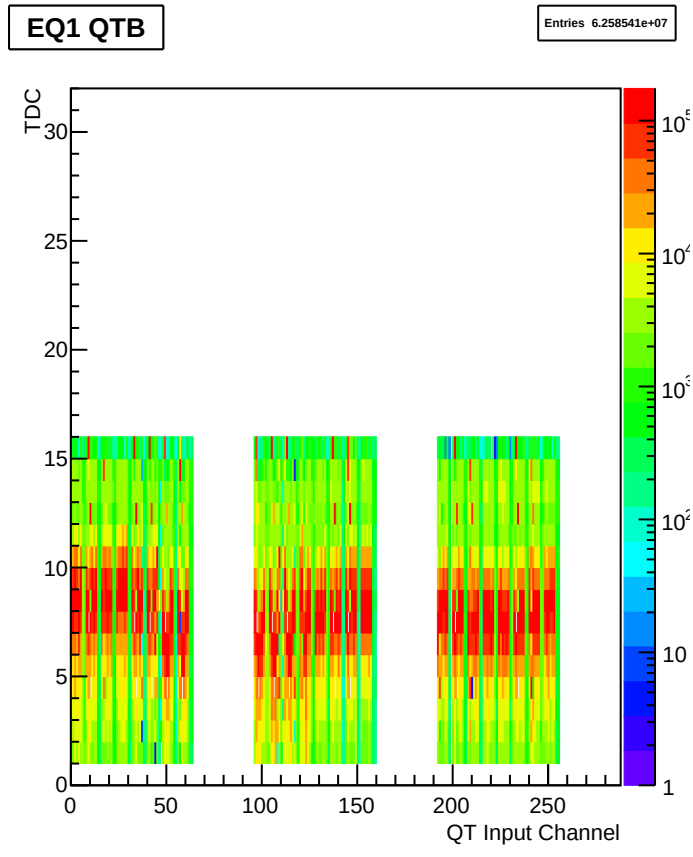

BBQ-VP001 East
Entries 9818000
ADC
QT Input Channel

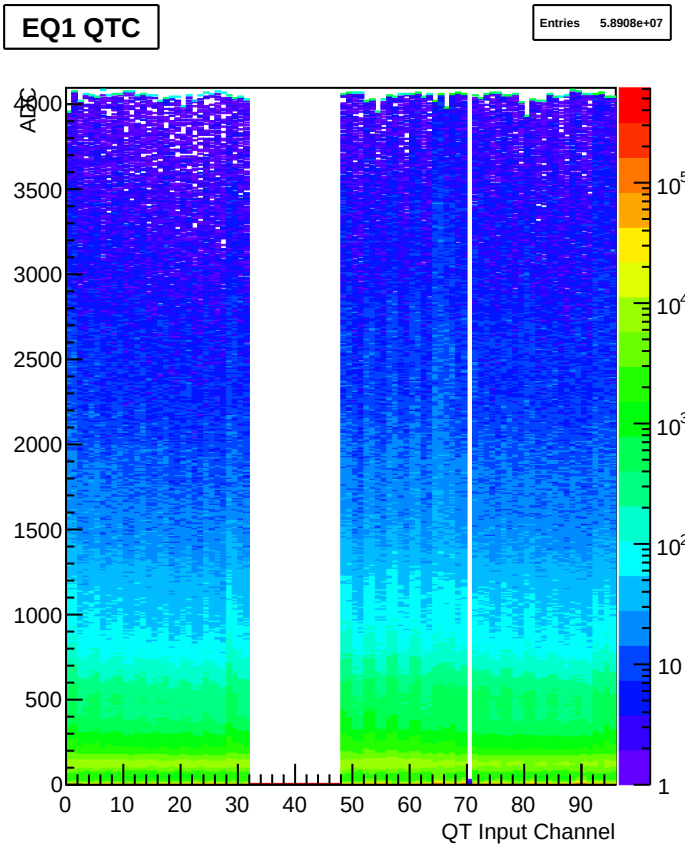

BBQ-VP001 East
Entries 9818000
TADC
QT Input Channel

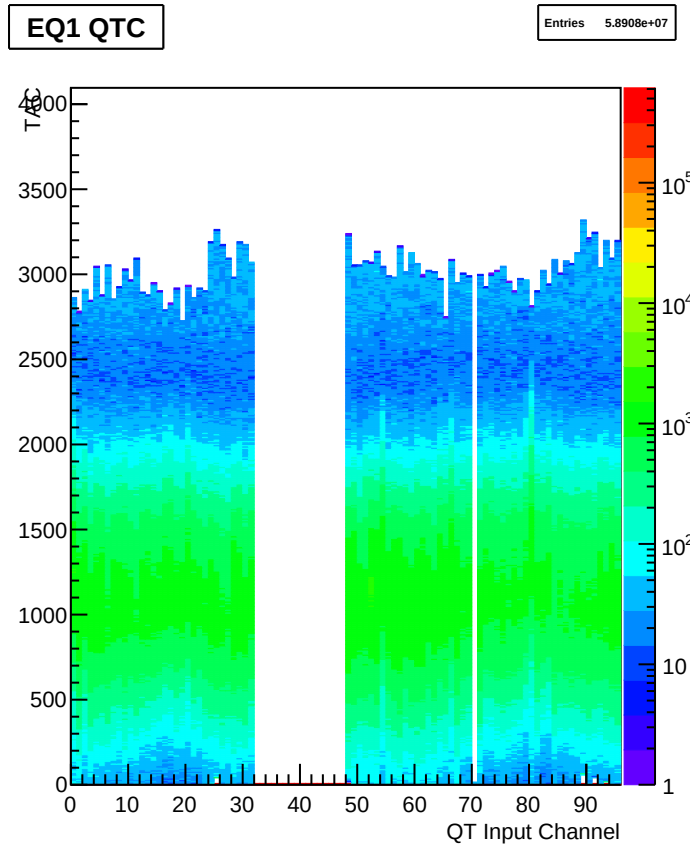

BBQ-VP002 West
Entries 9818000
ADC
QT Input Channel

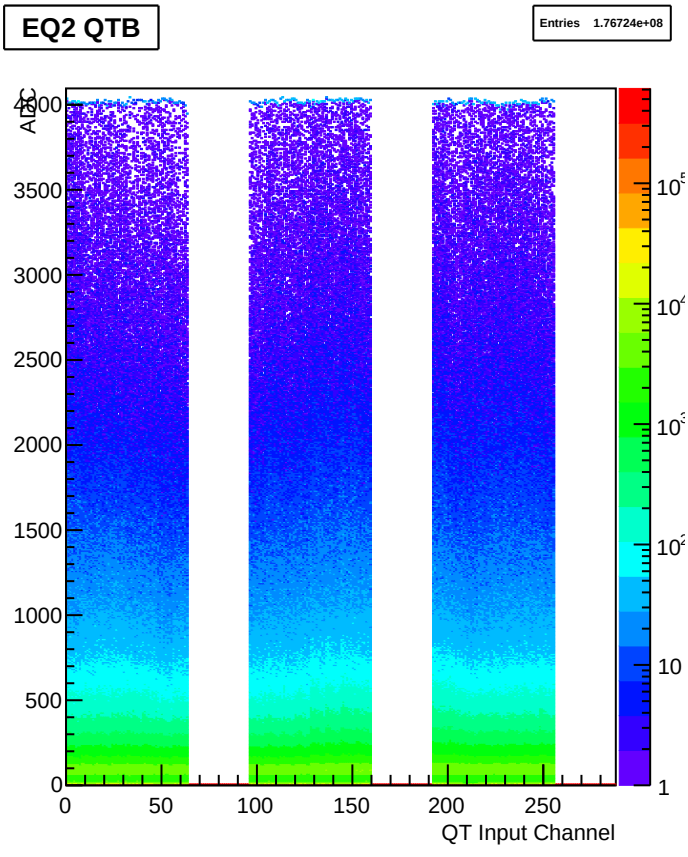

BBQ-VP002 West
Entries 9818000
TADC
QT Input Channel

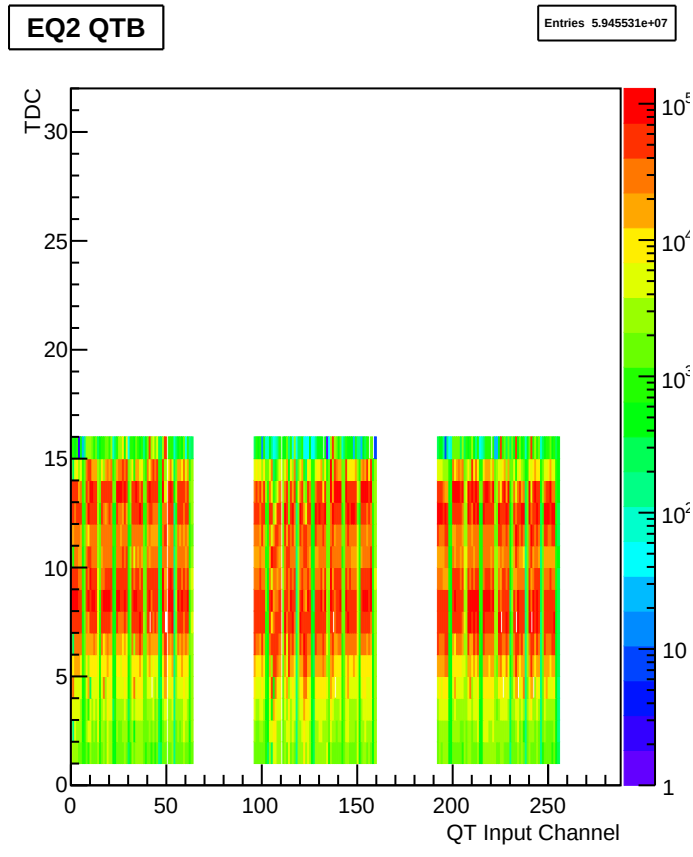

EQ1 QTB
Entries 1.76724e+08
ADC
QT Input Channel

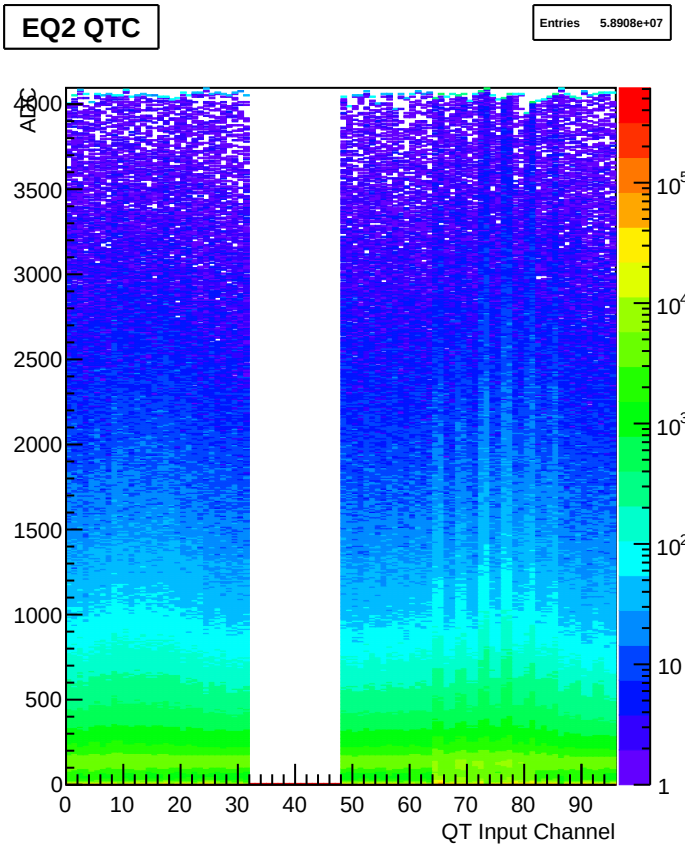

EQ1 QTB
Entries 6.258541e+07
TDC
QT Input Channel

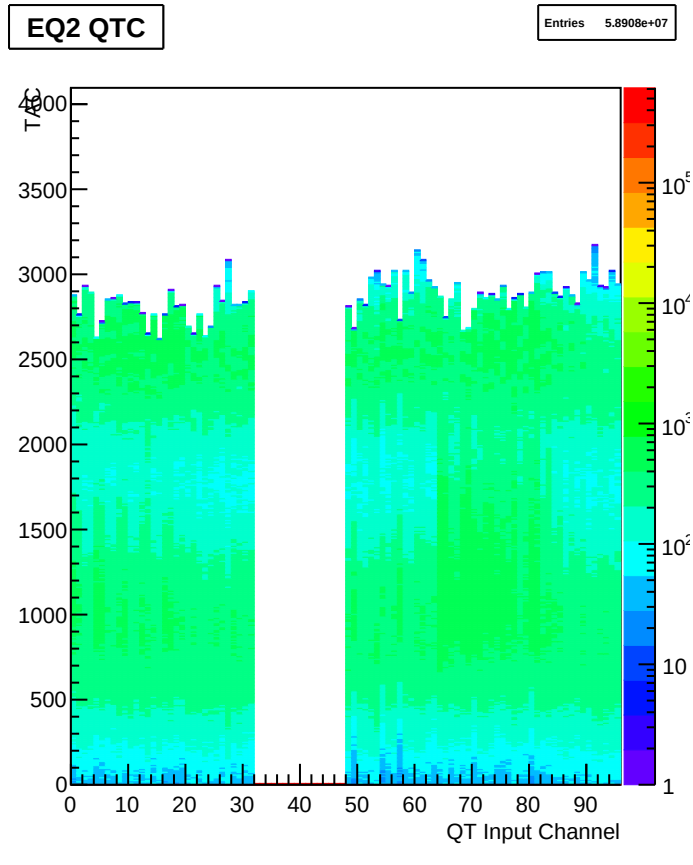

EQ1 QTC
Entries 5.8908e+07
ADC
QT Input Channel

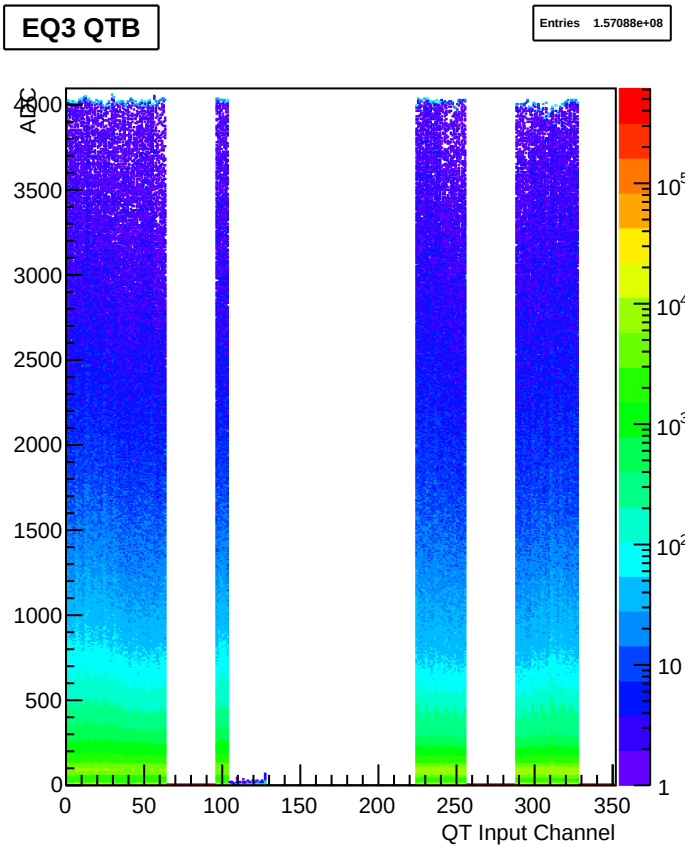

EQ1 QTC
Entries 5.8908e+07
TADC
QT Input Channel

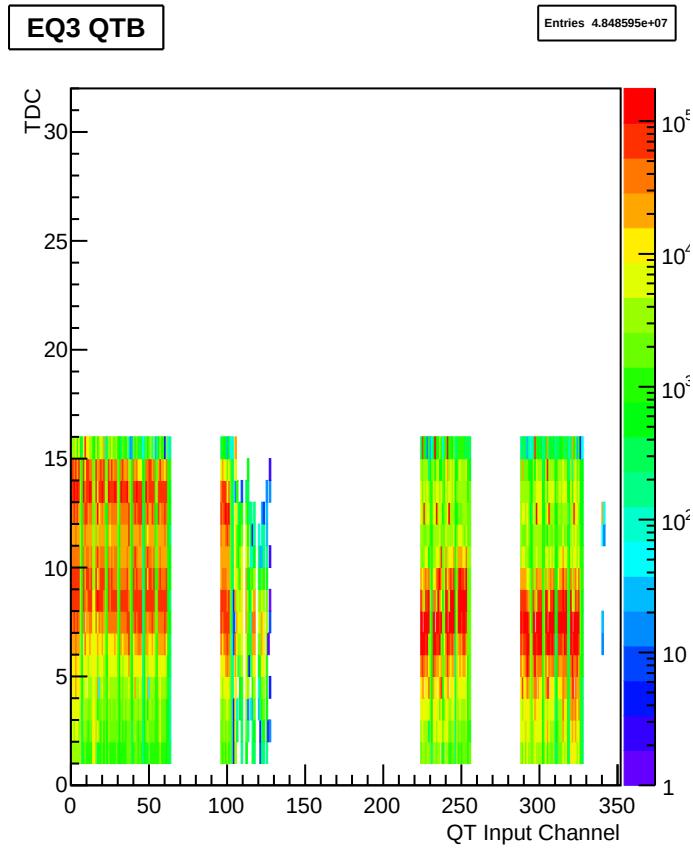

EQ2 QTB
Entries 1.76724e+08
ADC
QT Input Channel

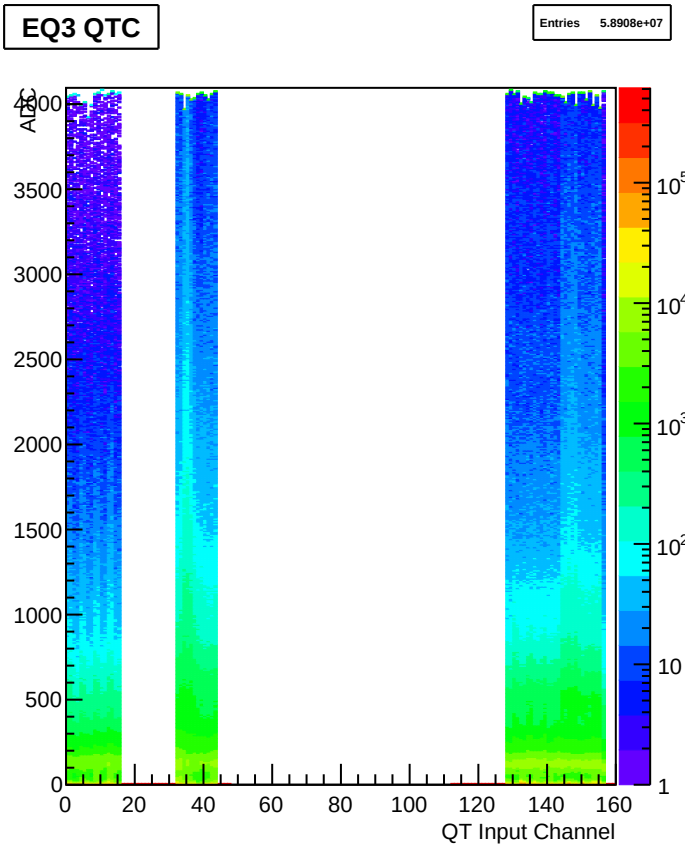

EQ2 QTB
Entries 5.945531e+07
TDC
QT Input Channel

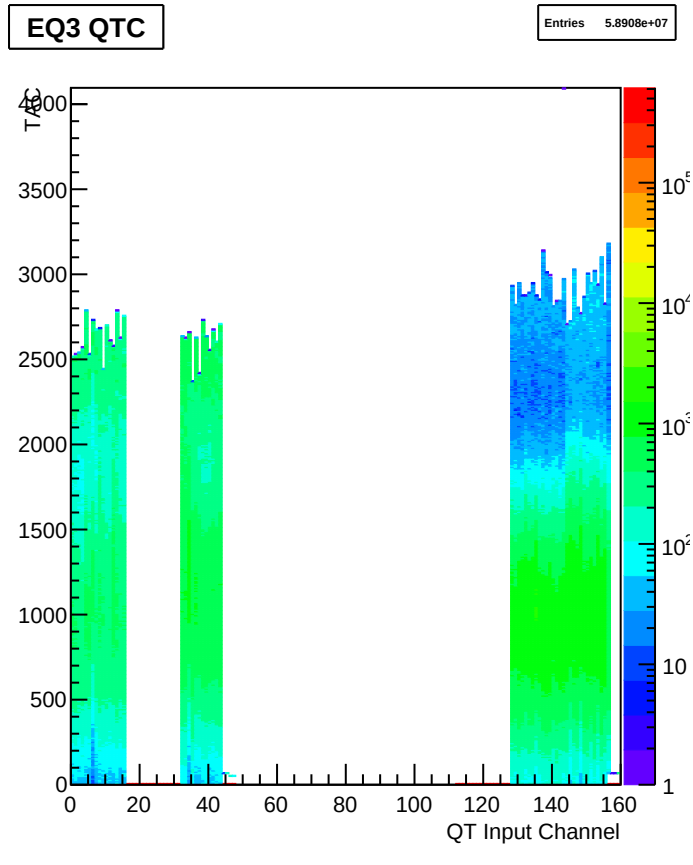

EQ2 QTC
Entries 5.8908e+07
ADC
QT Input Channel

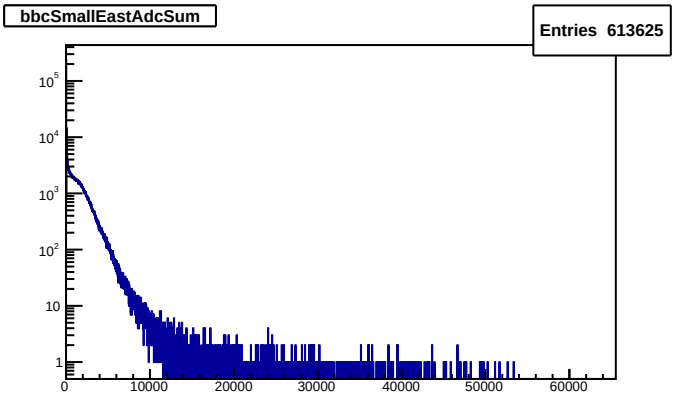

EQ2 QTC
Entries 5.8908e+07
TADC
QT Input Channel

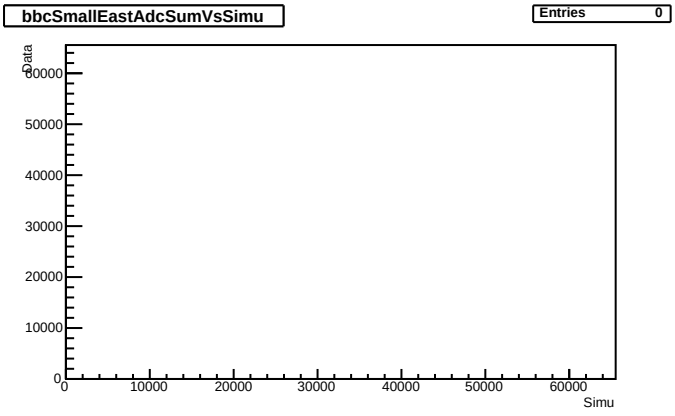

EQ3 QTB
Entries 1.57088e+08
ADC
QT Input Channel

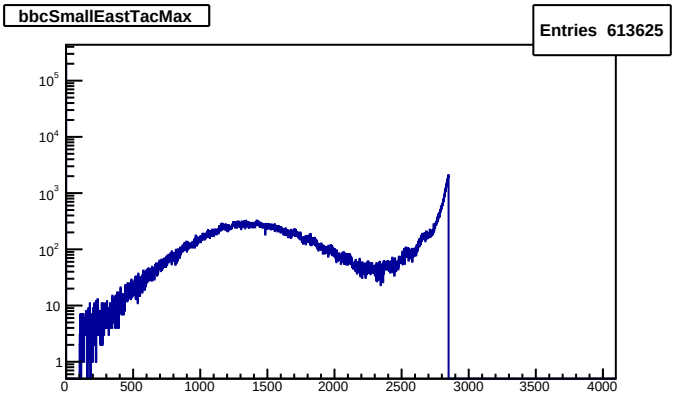

EQ3 QTB
Entries 4.848595e+07
TDC
QT Input Channel

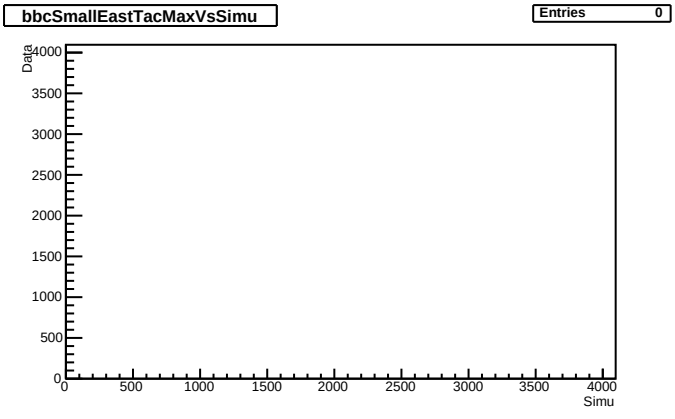

EQ3 QTC
Entries 5.8908e+07
ADC
QT Input Channel

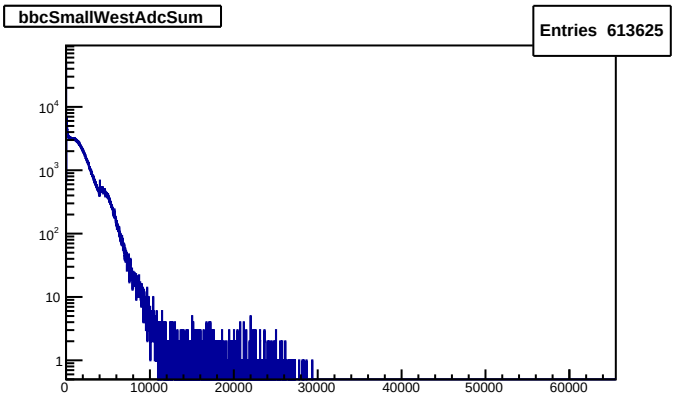

EQ3 QTC
Entries 5.8908e+07
TADC
QT Input Channel

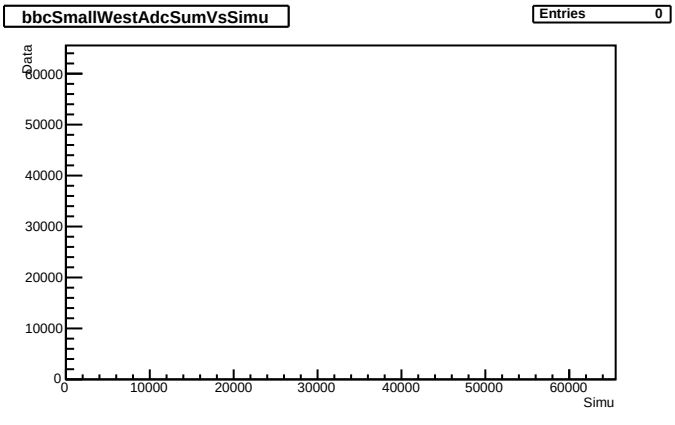

bbcSmallEastAdcSum
Entries 613625

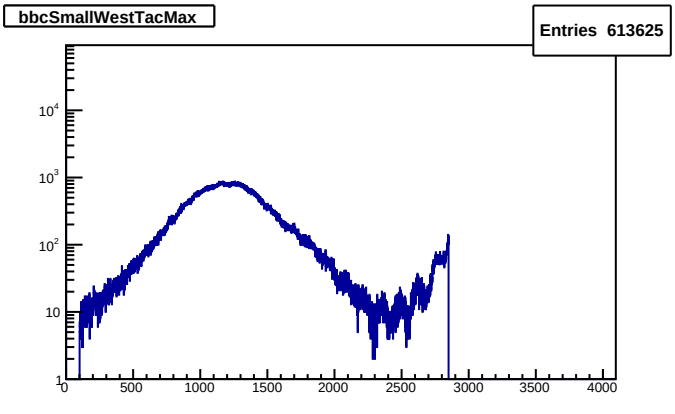

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

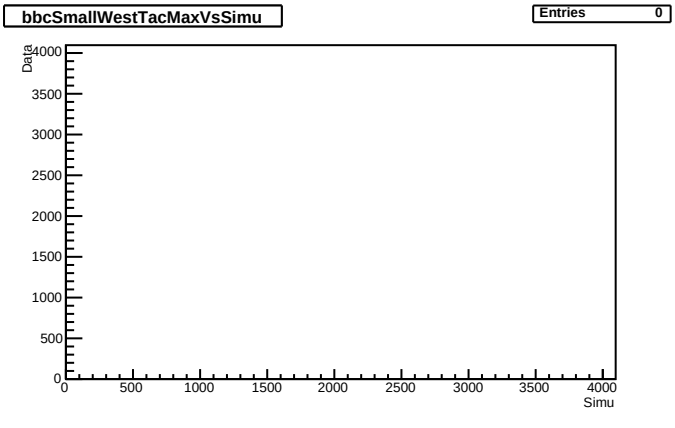

bbcSmallEastTacMax
Entries 613625

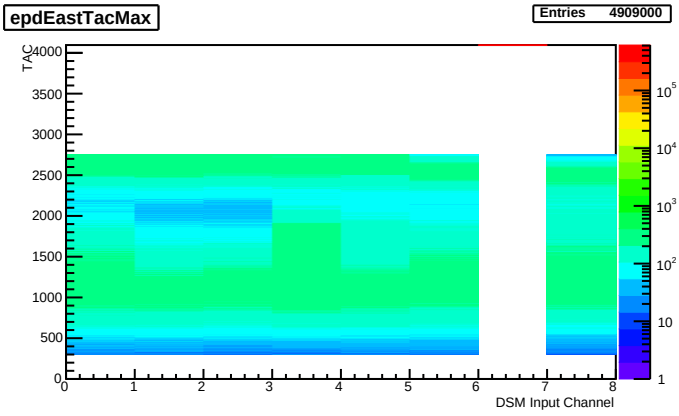

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

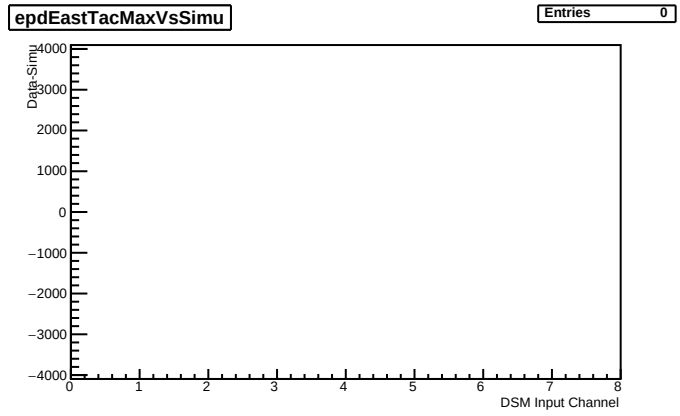

bbcSmallWestAdcSum
Entries 613625

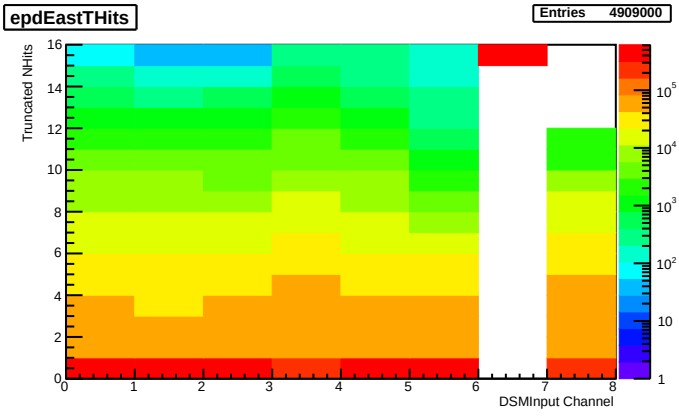

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

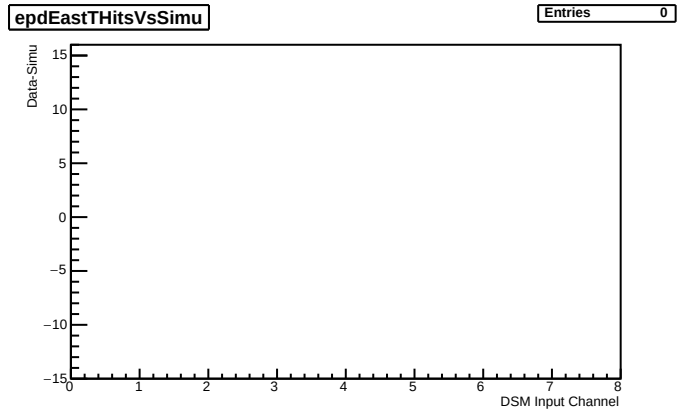

bbcSmallWestTacMax
Entries 613625

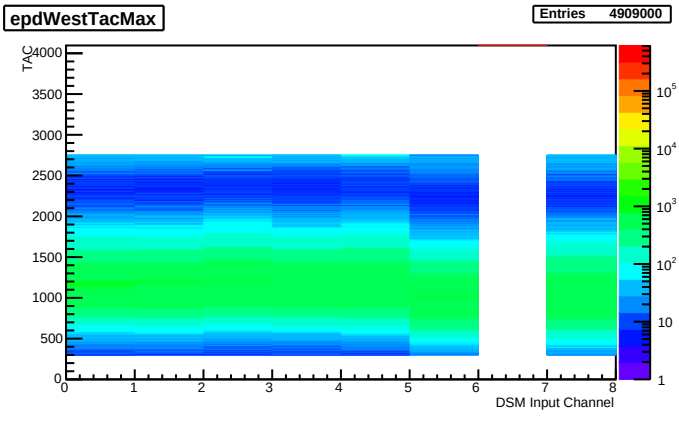

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

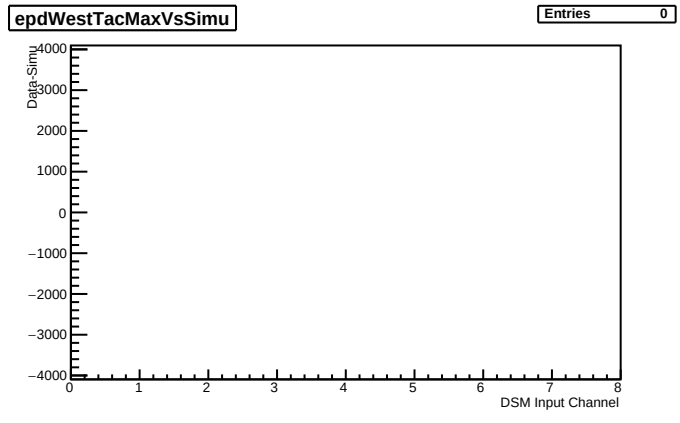

epdEastTacMax
Entries 4909000
TAC
DSM Input Channel

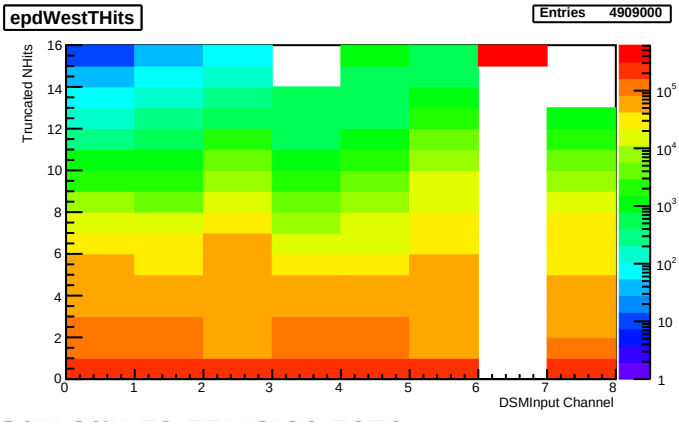

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

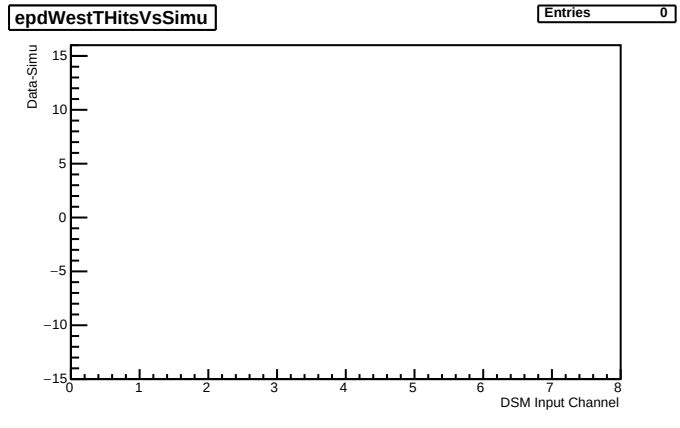

epdEastTHits
Entries 4909000
Truncated NHits
DSMInput Channel

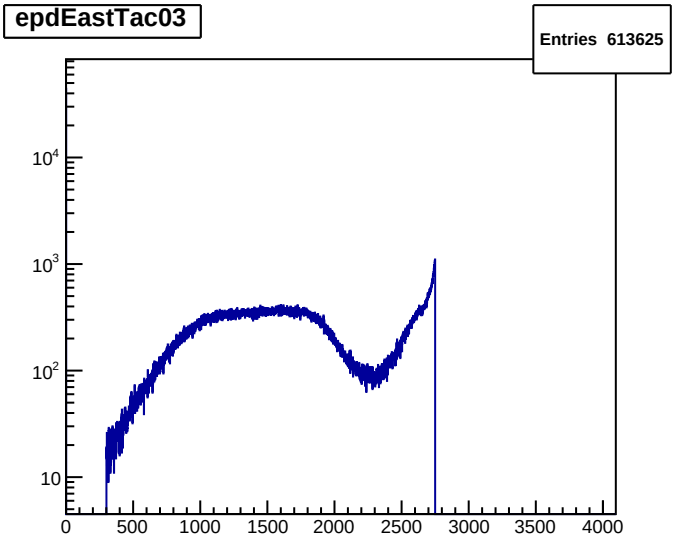

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

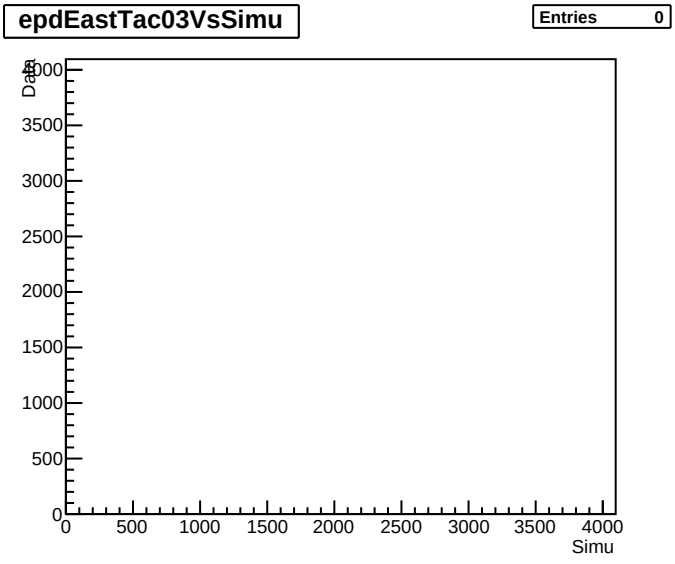

epdWestTacMax
Entries 4909000
TAC
DSM Input Channel

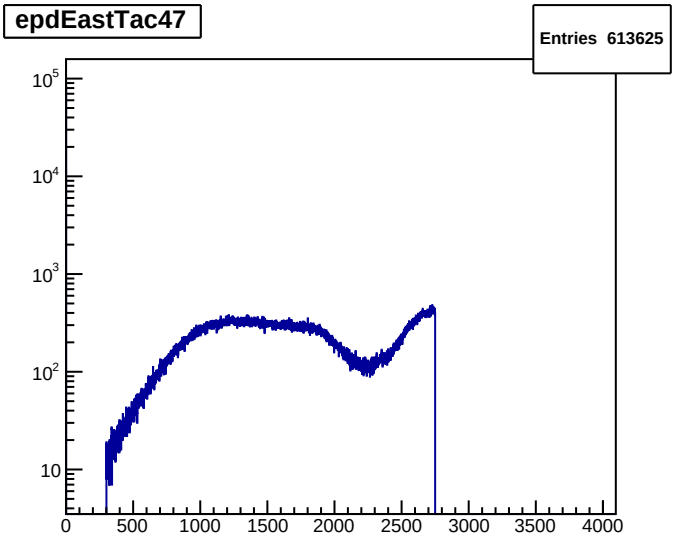

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

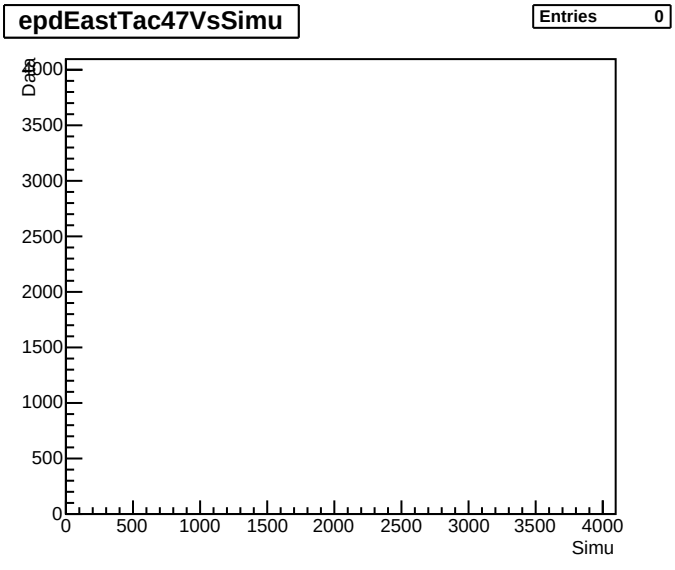

epdWestTHits
Entries 4909000
Truncated NHits
DSMInput Channel

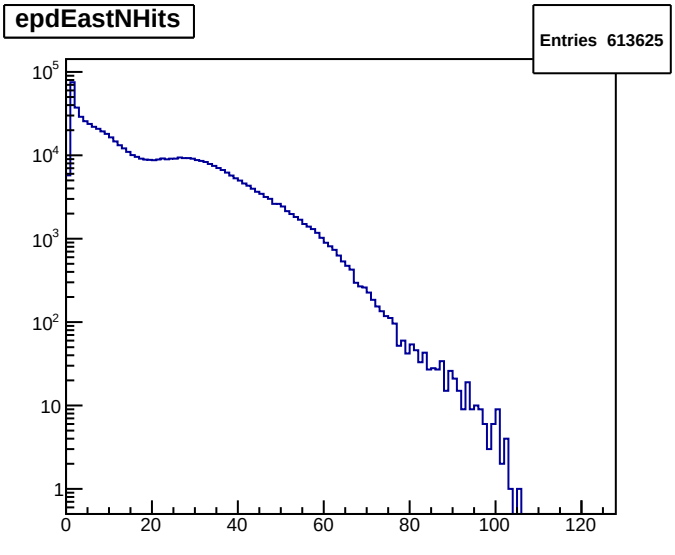

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

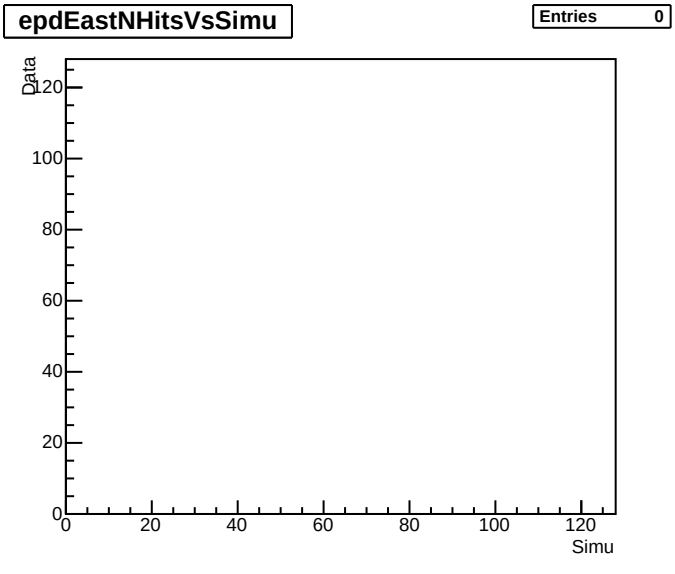

epdEastTac03
Entries 613625

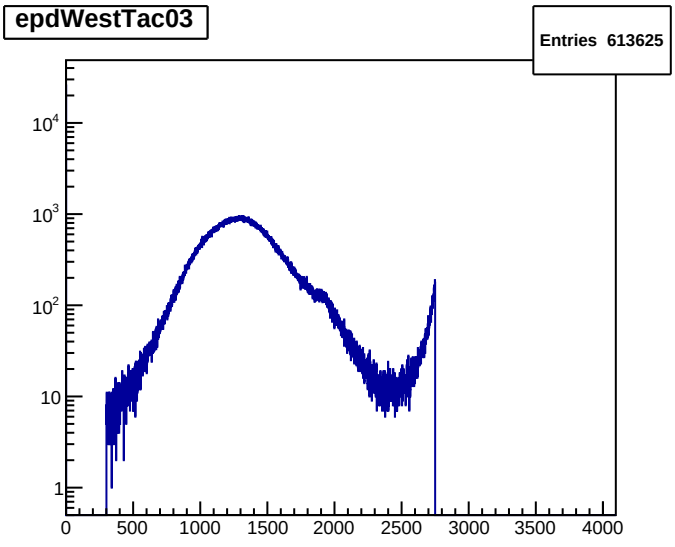

epdEastTac03VsSimu
Entries 0
Data
Simu

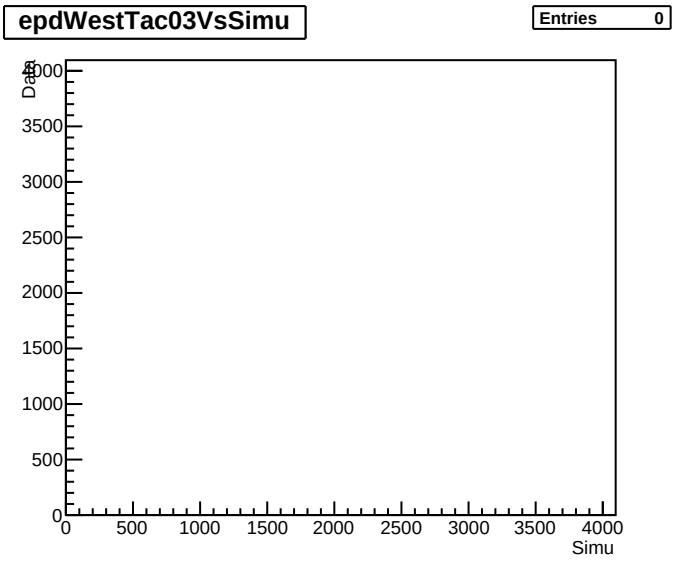

epdEastTac47
Entries 613625

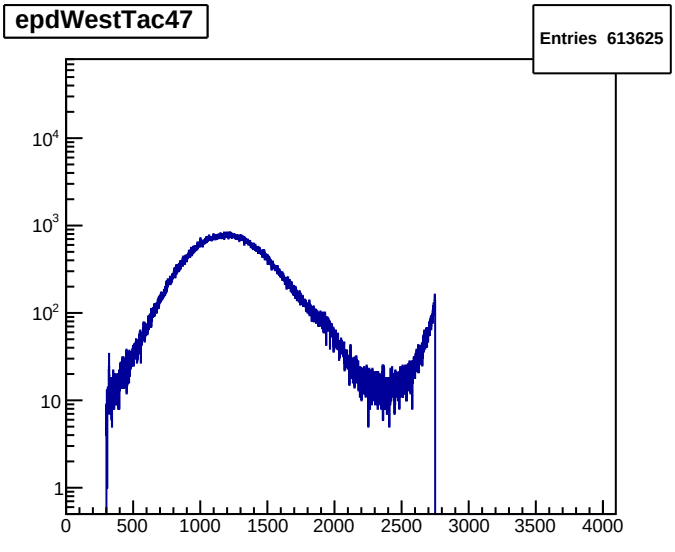

epdEastTac47VsSimu
Entries 0
Data
Simu

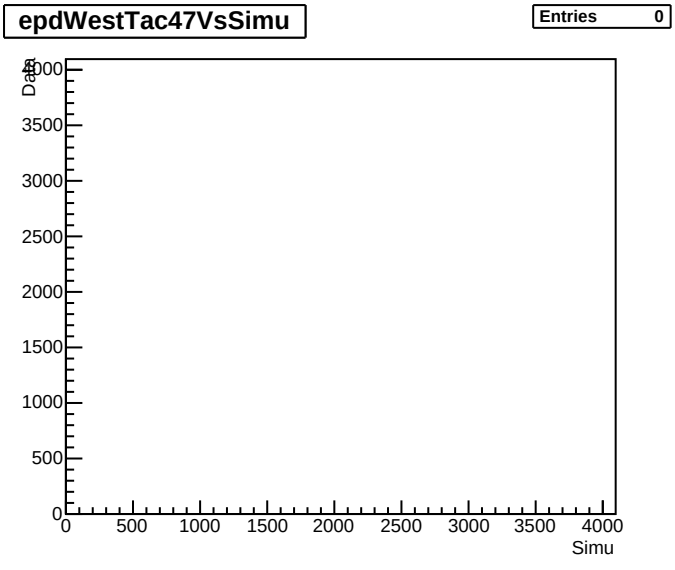

epdEastNHits
Entries 613625

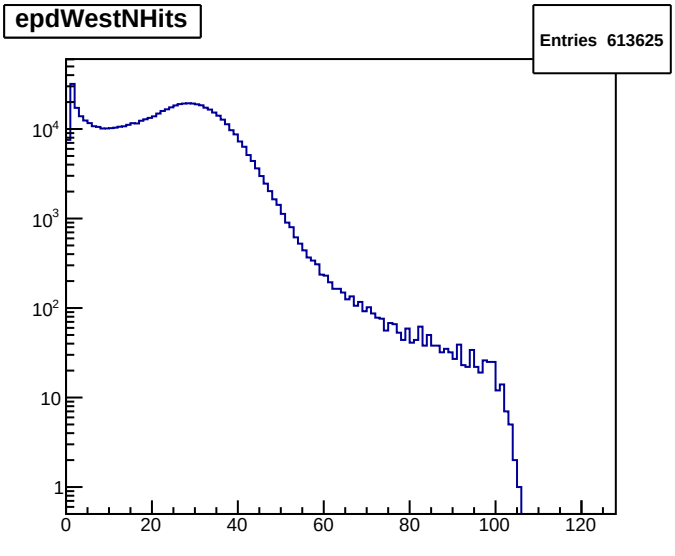

epdEastNHitsVsSimu
Entries 0
Data
Simu

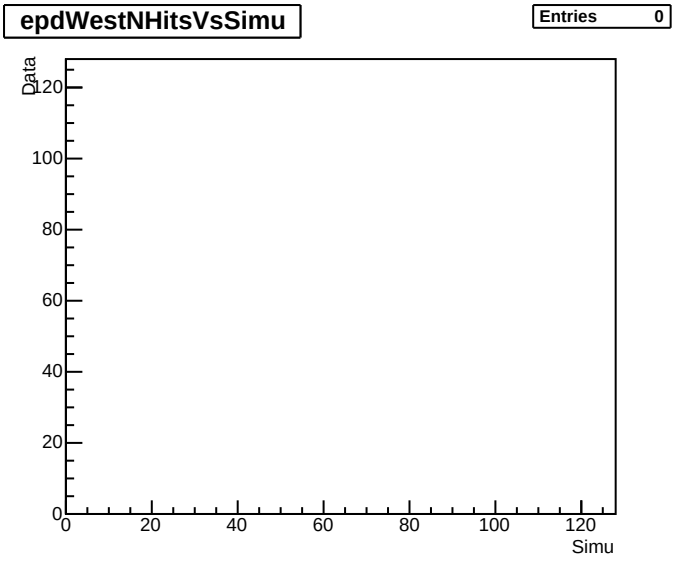

epdWestTac03
Entries 613625

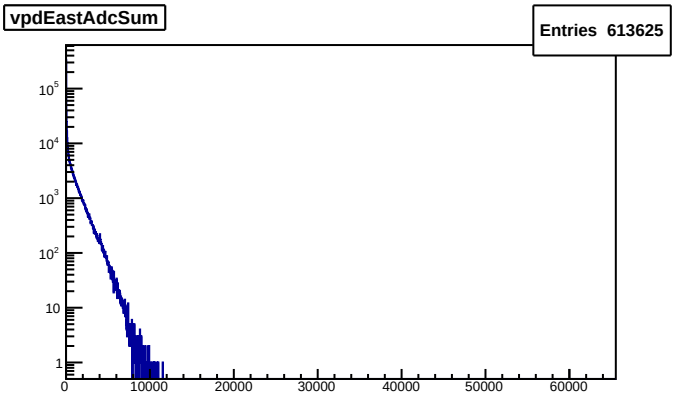

epdWestTac03VsSimu
Entries 0
Data
Simu

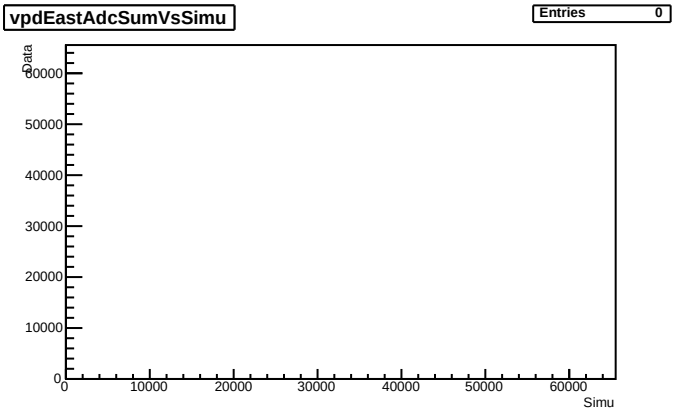

epdWestTac47
Entries 613625

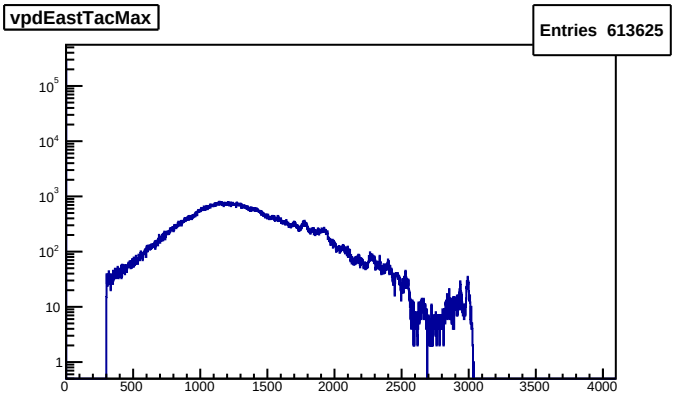

epdWestTac47VsSimu
Entries 0
Data
Simu

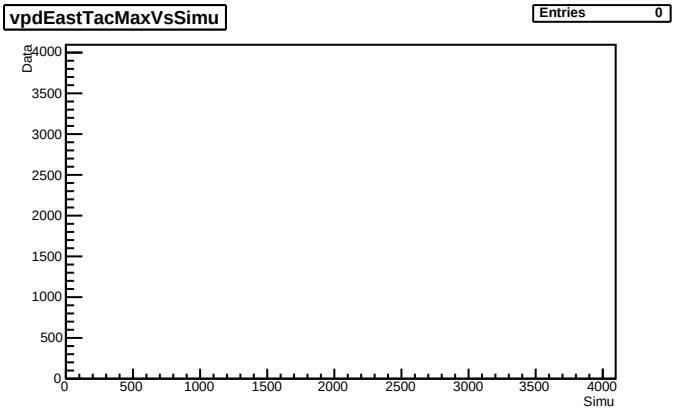

epdWestNHits
Entries 613625

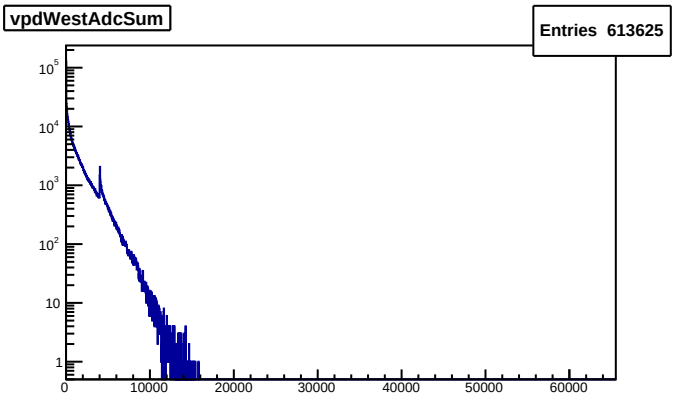

epdWestNHitsVsSimu
Entries 0
Data
Simu

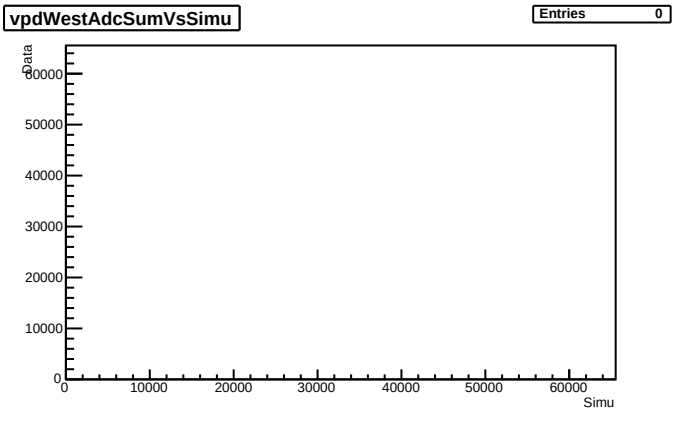

vpdEastAdcSum
Entries 613625

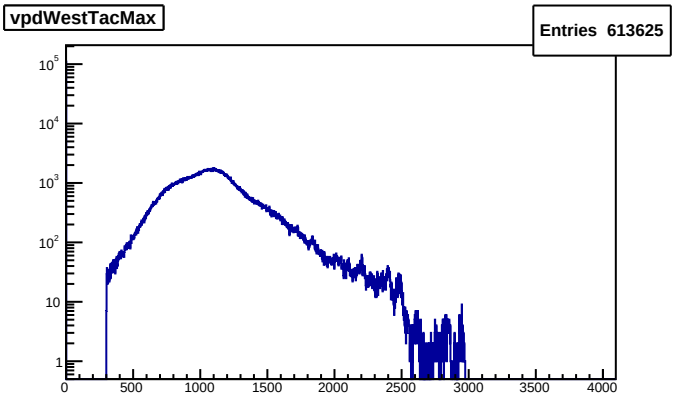

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

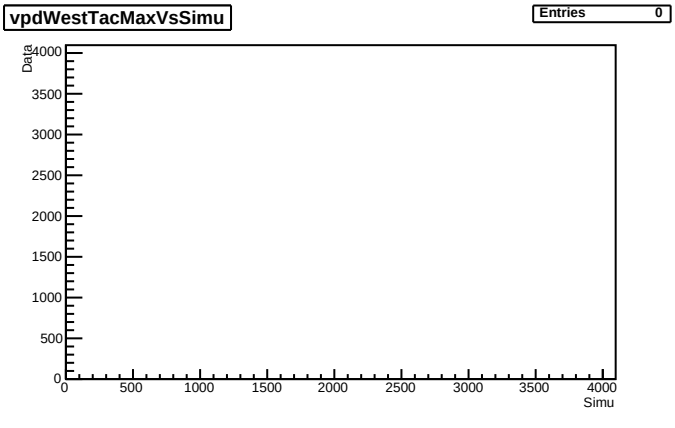

vpdEastTacMax
Entries 613625

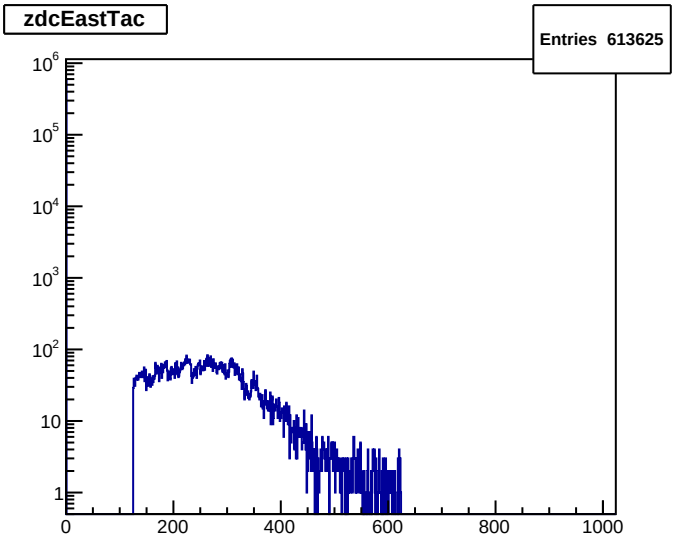

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

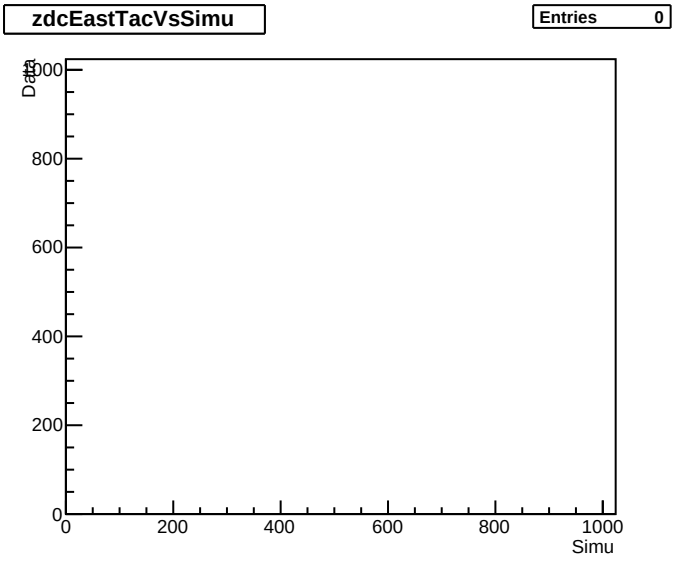

vpdWestAdcSum
Entries 613625

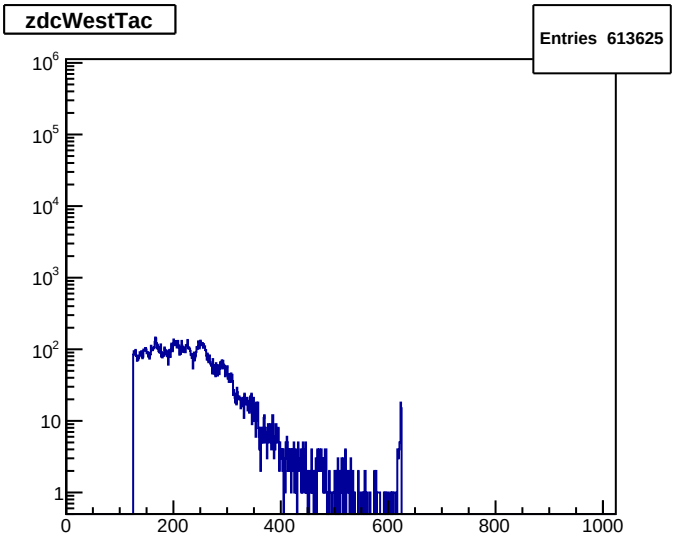

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

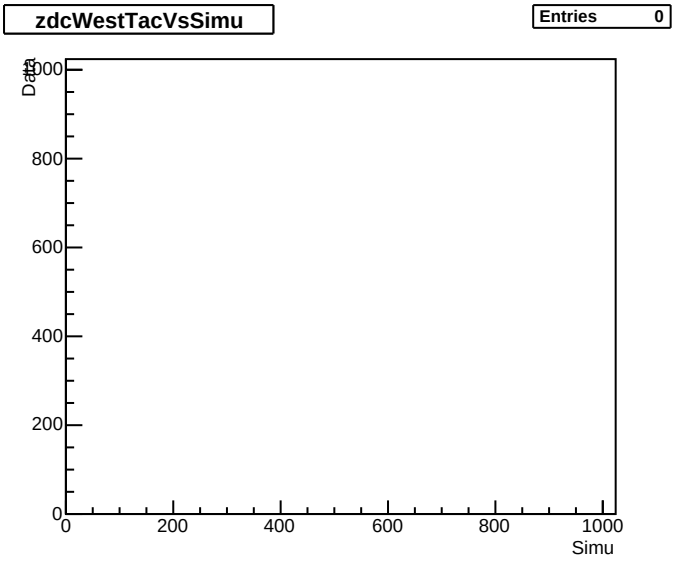

vpdWestTacMax
Entries 613625

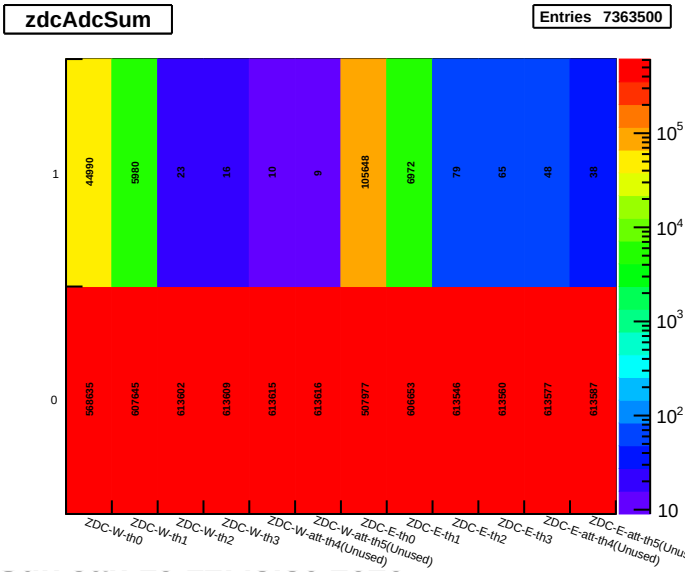

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

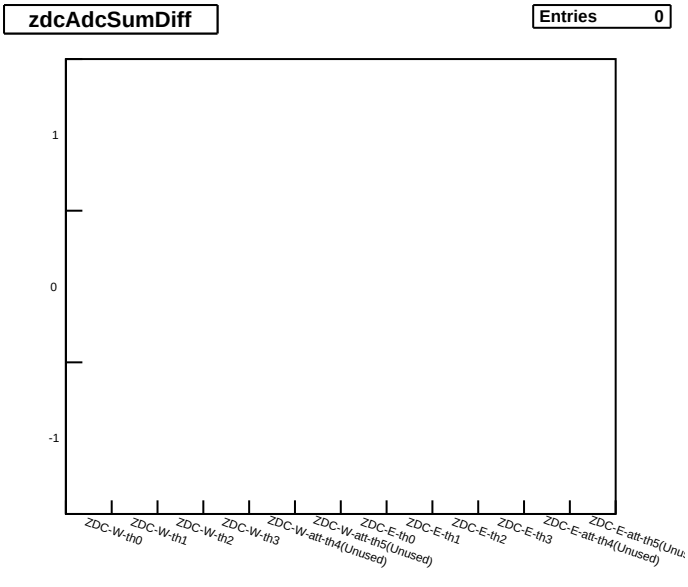

zdcEastTac
Entries 613625

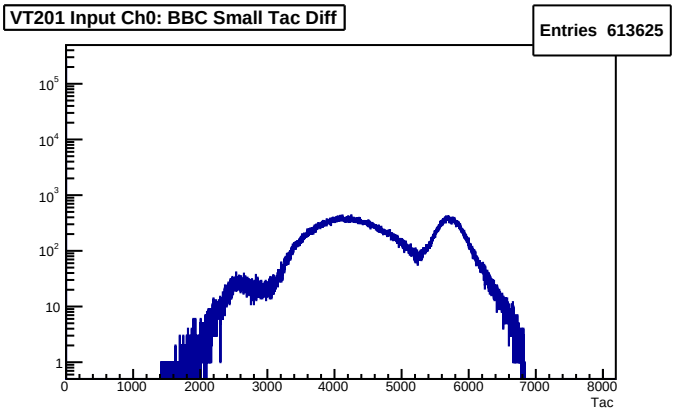

zdcEastTacVsSimu
Entries 0
Data
Simu

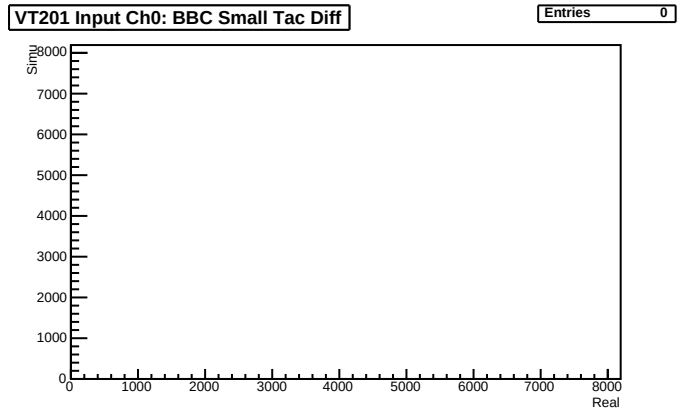

zdcWestTac
Entries 613625

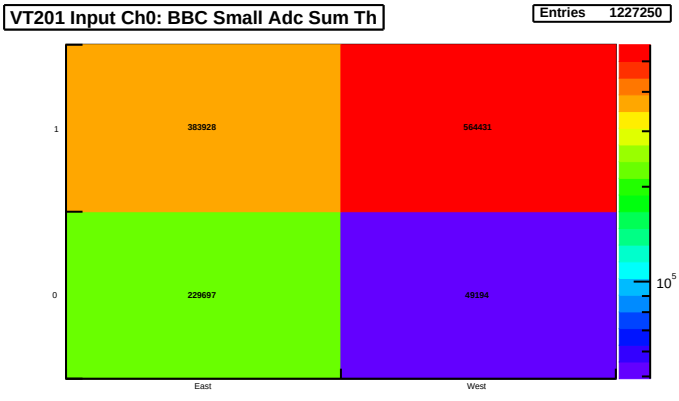

zdcWestTacVsSimu
Entries 0
Data
Simu

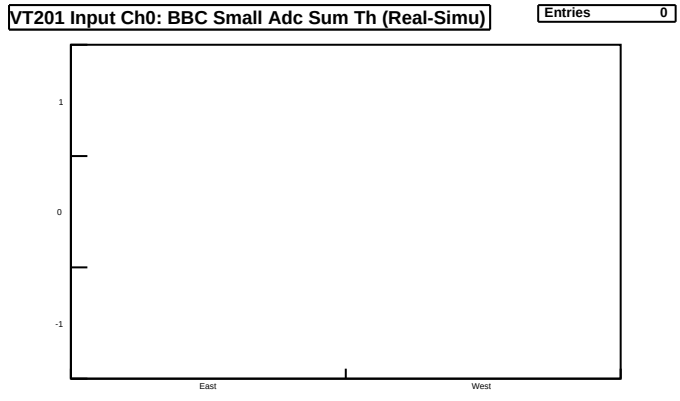

zdcAdcSum
Entries 7363500
44990
5980
23
16
10
9
105648
6972
79
65
48
38
568635
607645
613602
613609
613615
613616
507977
606653
613546
613560
613577
613587
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

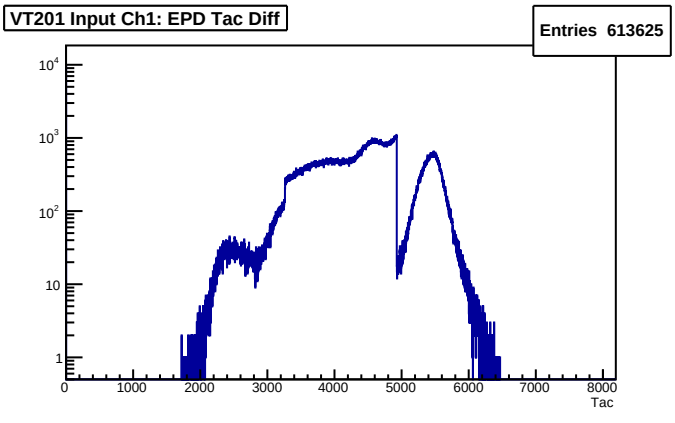

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

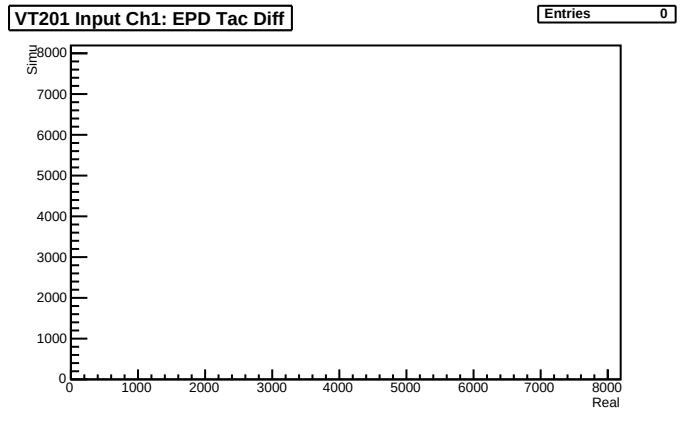

VT201 Input Ch0: BBC Small Tac Diff
Entries 613625
Tac

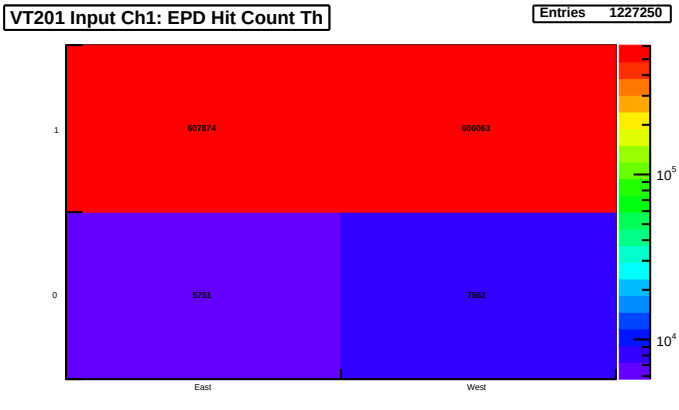

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

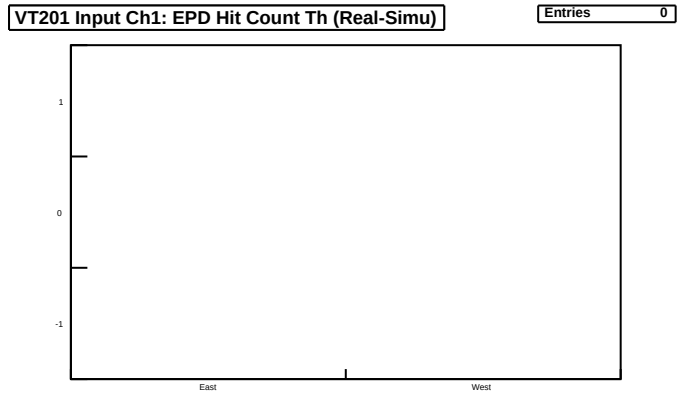

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1227250
383928
564431
229697
49194
East
West

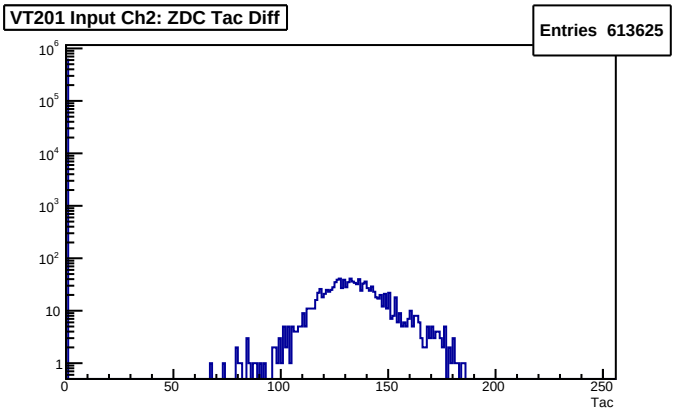

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

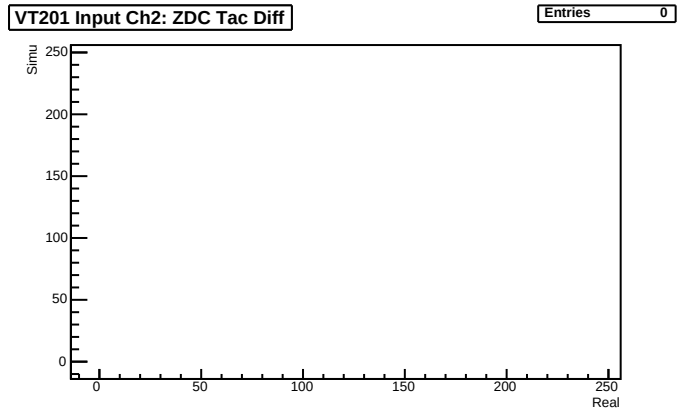

VT201 Input Ch1: EPD Tac Diff
Entries 613625
Tac

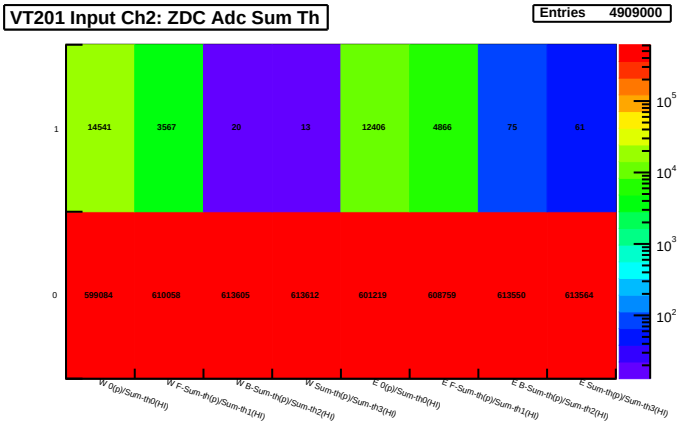

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

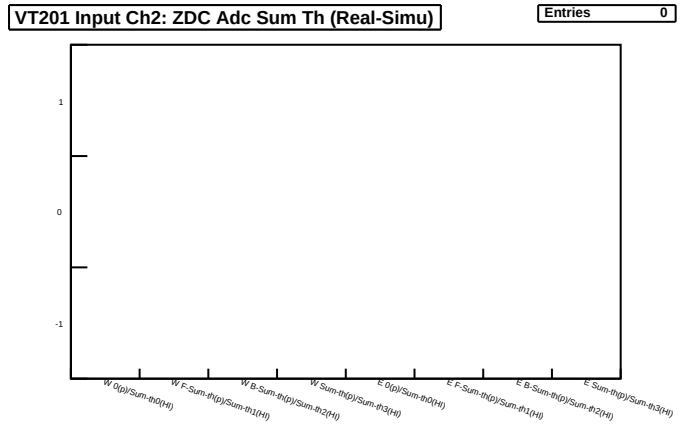

VT201 Input Ch1: EPD Hit Count Th
Entries 1227250
607874
600063
5751
7562
East
West

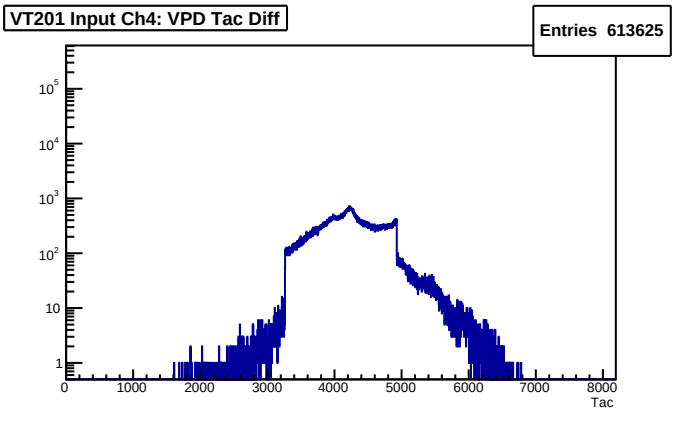

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

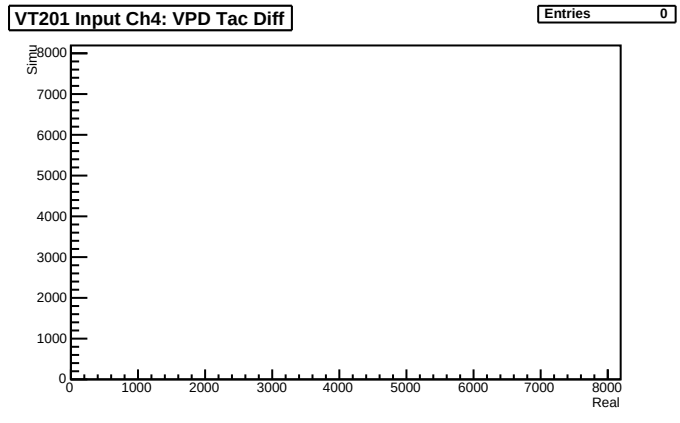

VT201 Input Ch2: ZDC Tac Diff
Entries 613625
Tac

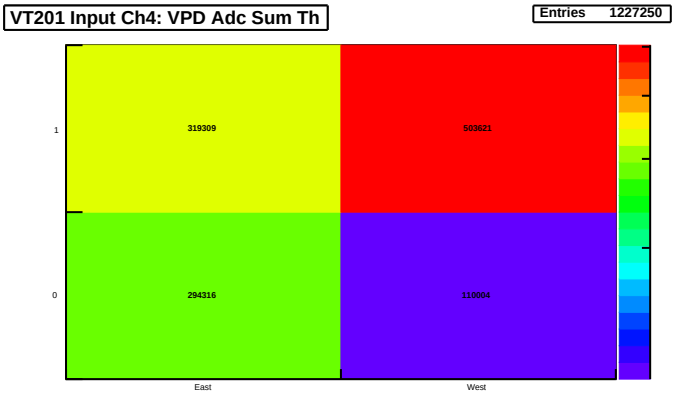

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

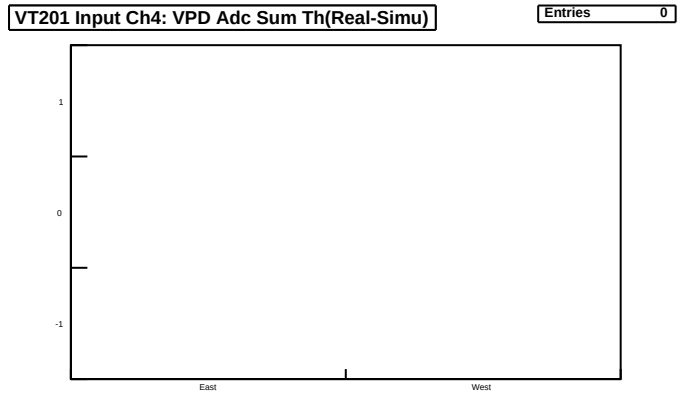

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4909000
14541
3567
20
13
12406
4866
75
61
599084
610058
613605
613612
601219
608759
613550
613564
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

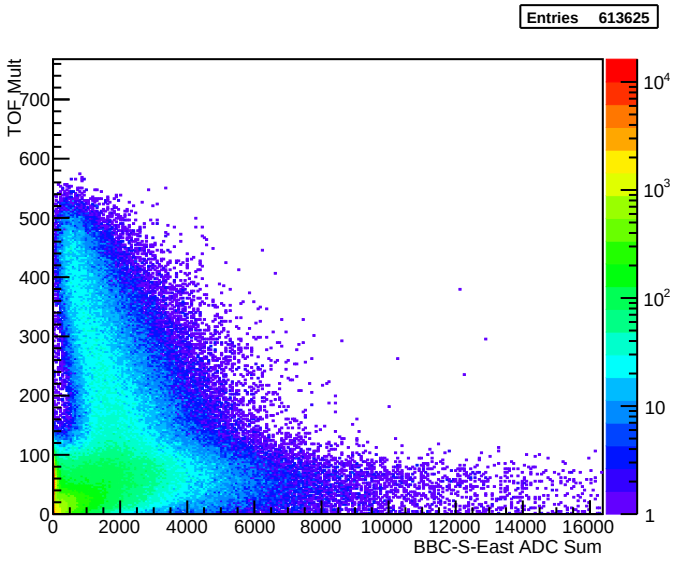

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

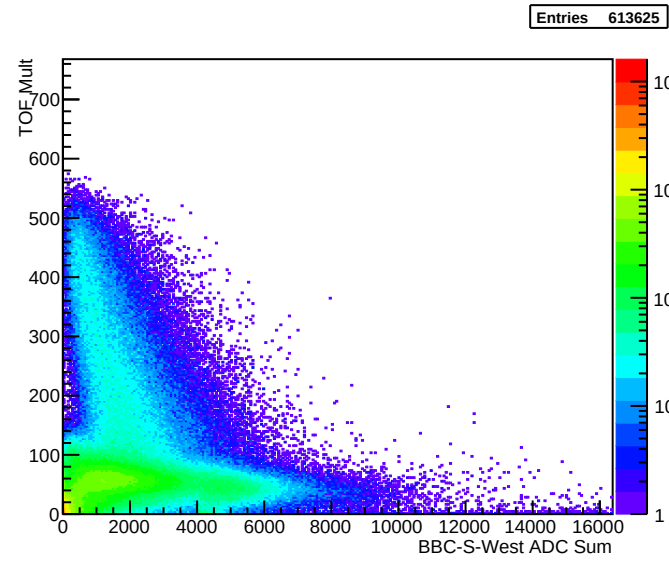

VT201 Input Ch4: VPD Tac Diff
Entries 613625
Tac

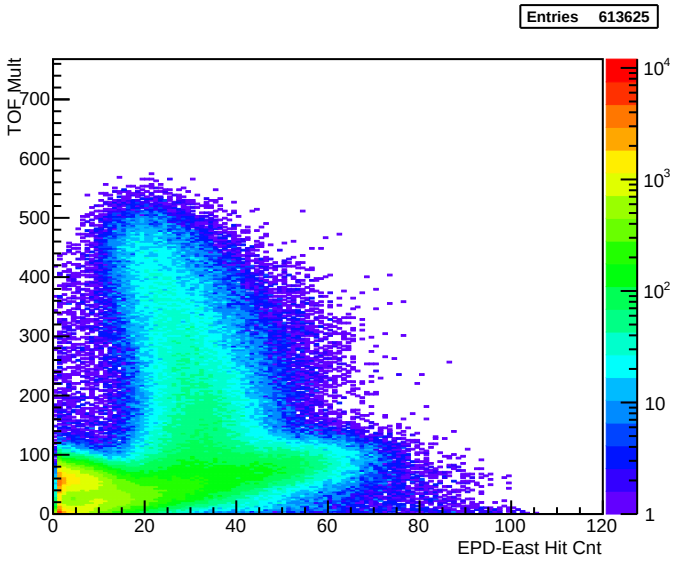

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

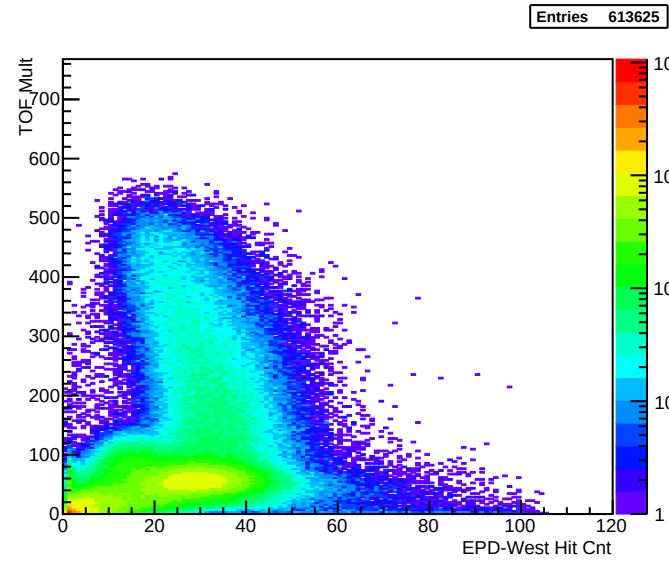

VT201 Input Ch4: VPD Adc Sum Th
Entries 1227250
319309
503621
294316
110004
East
West

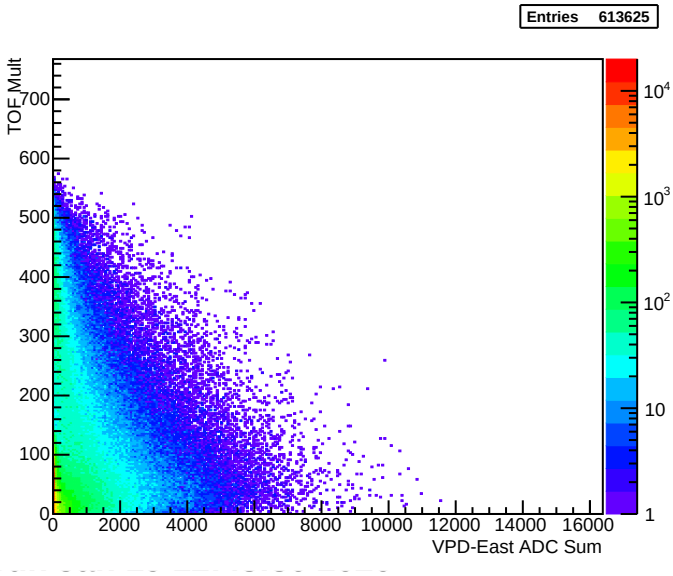

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

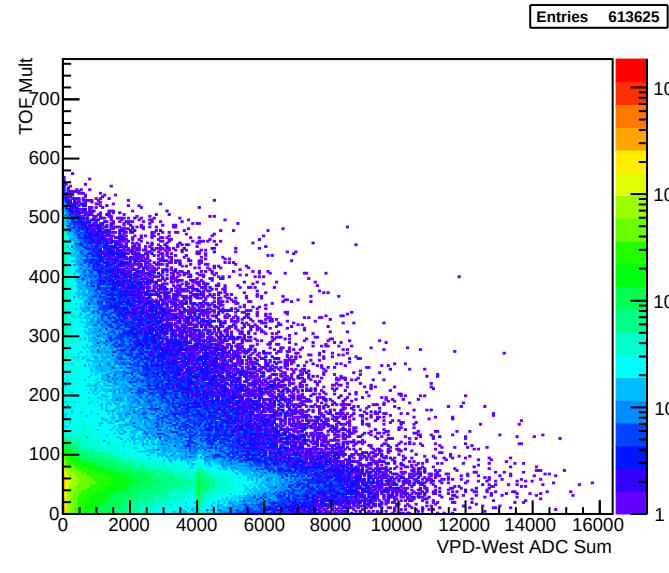

Entries 613625
TOF_Mult
BBC-S-East ADC Sum

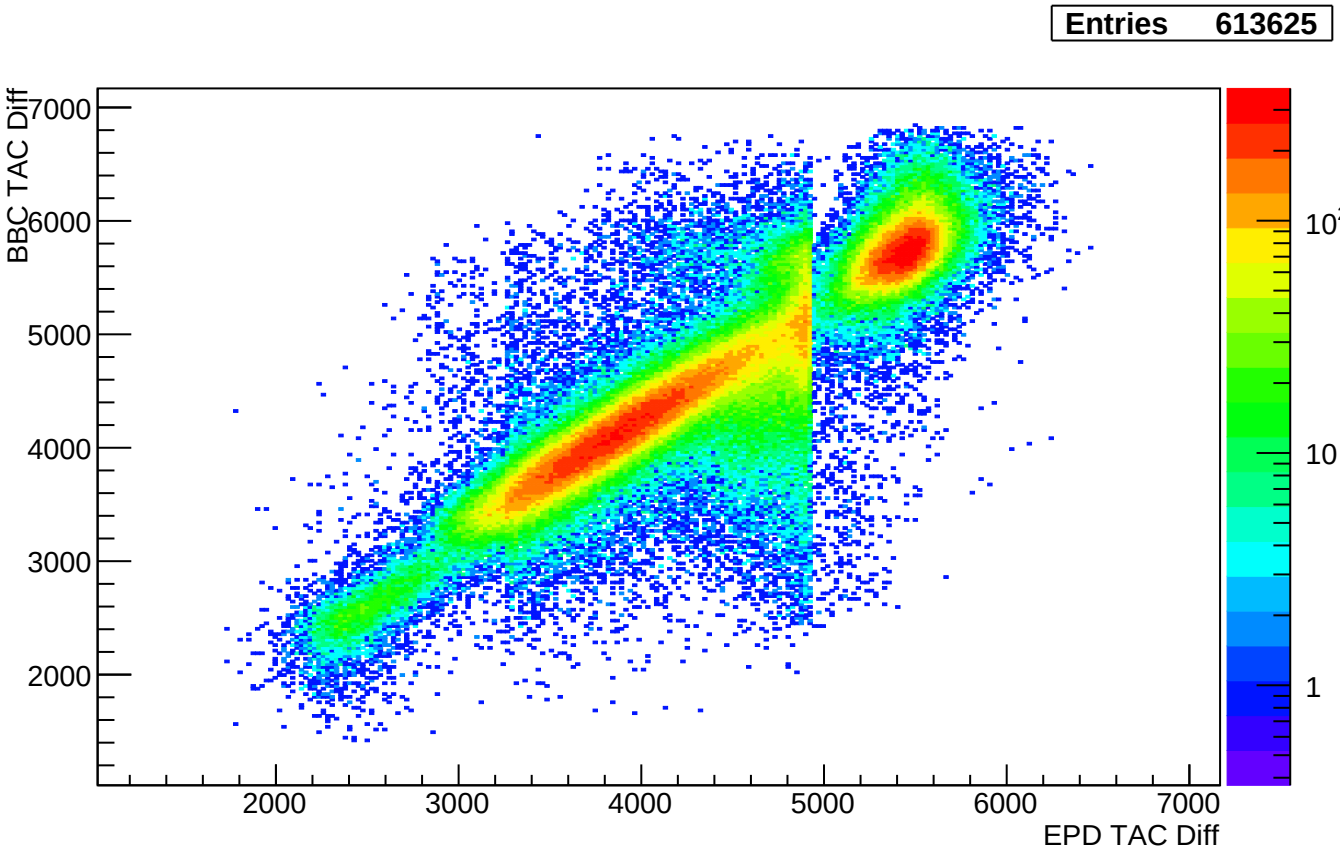

Entries 613625
TOF_Mult
BBC-S-West ADC Sum

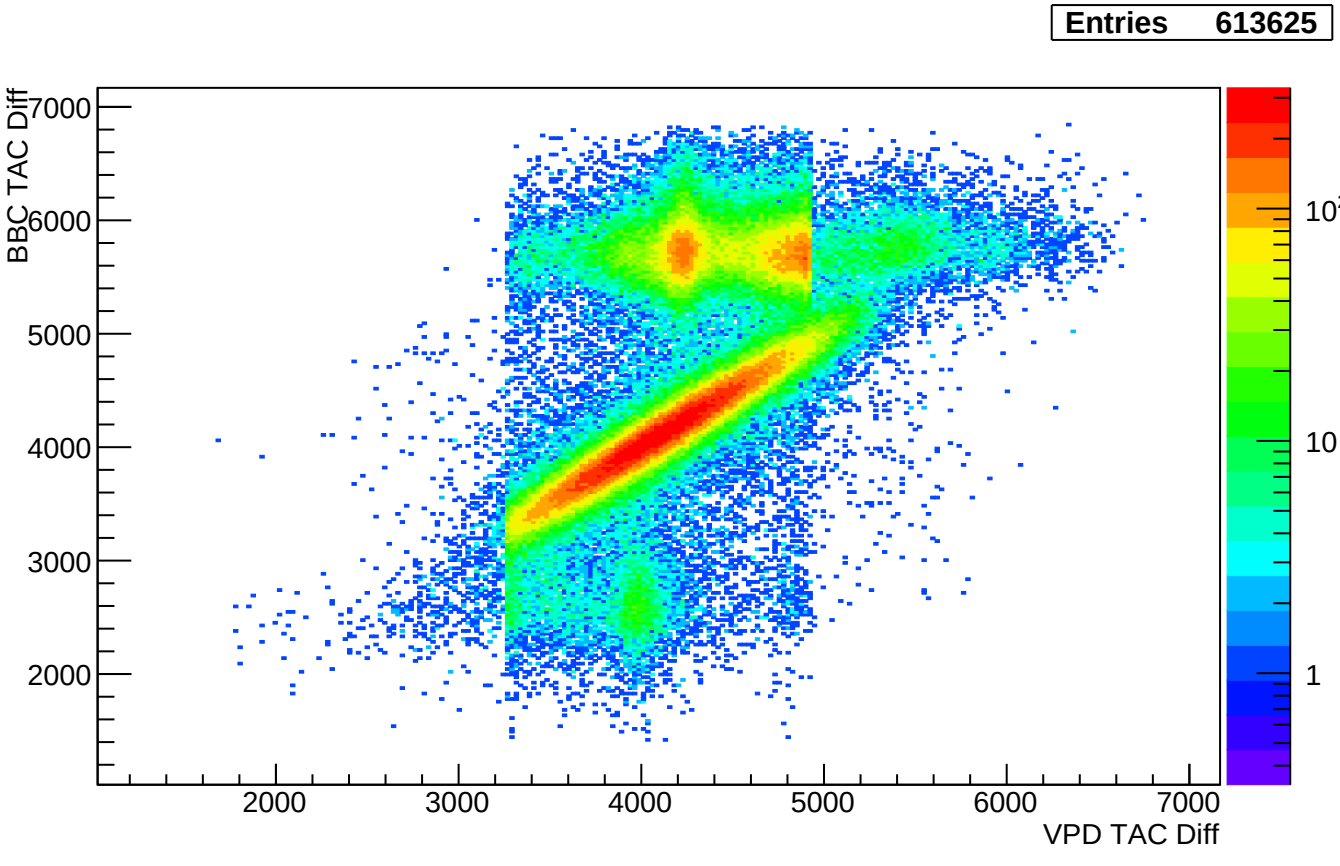

Entries 613625
TOF_Mult
EPD-East Hit Cnt

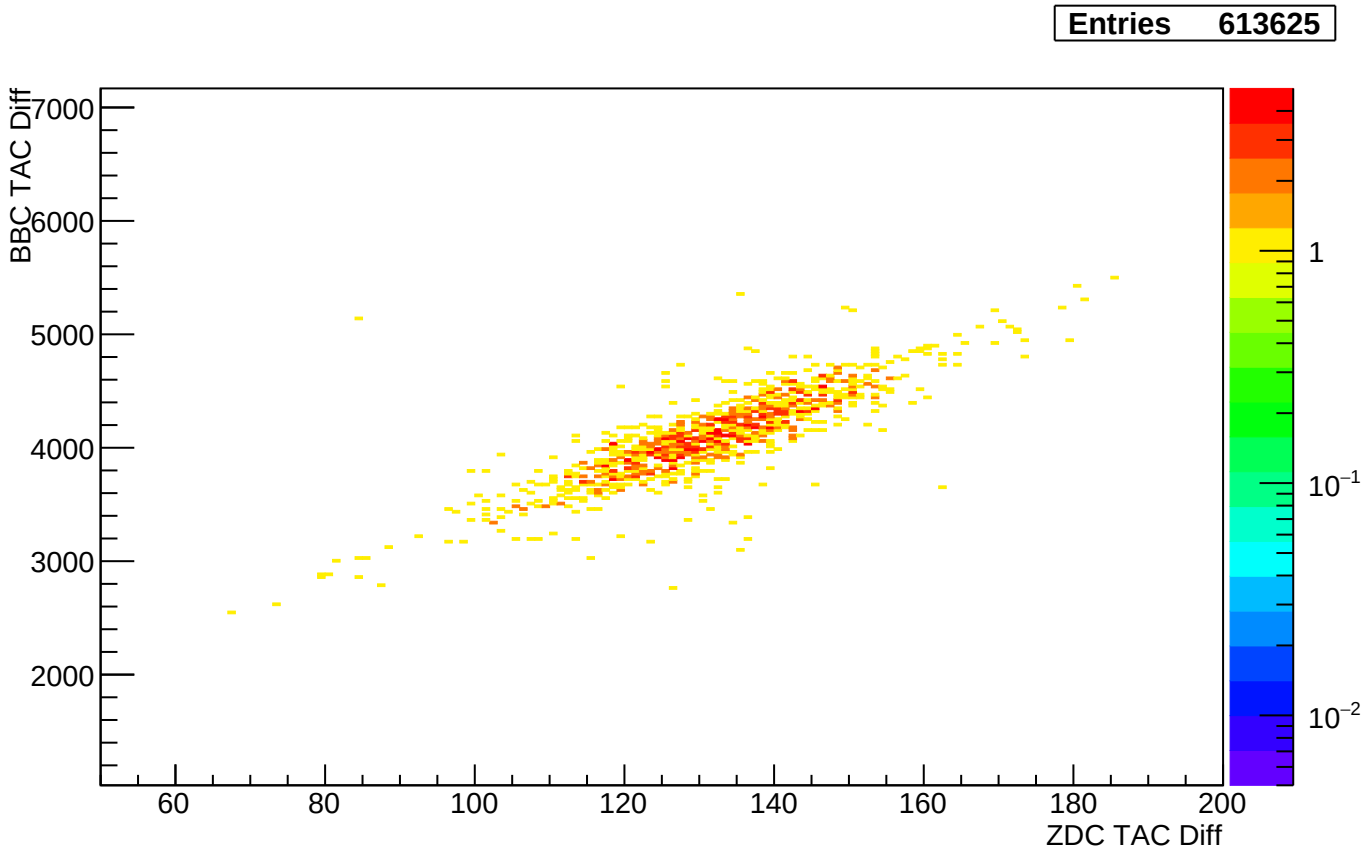

Entries 613625
TOF_Mult
EPD-West Hit Cnt

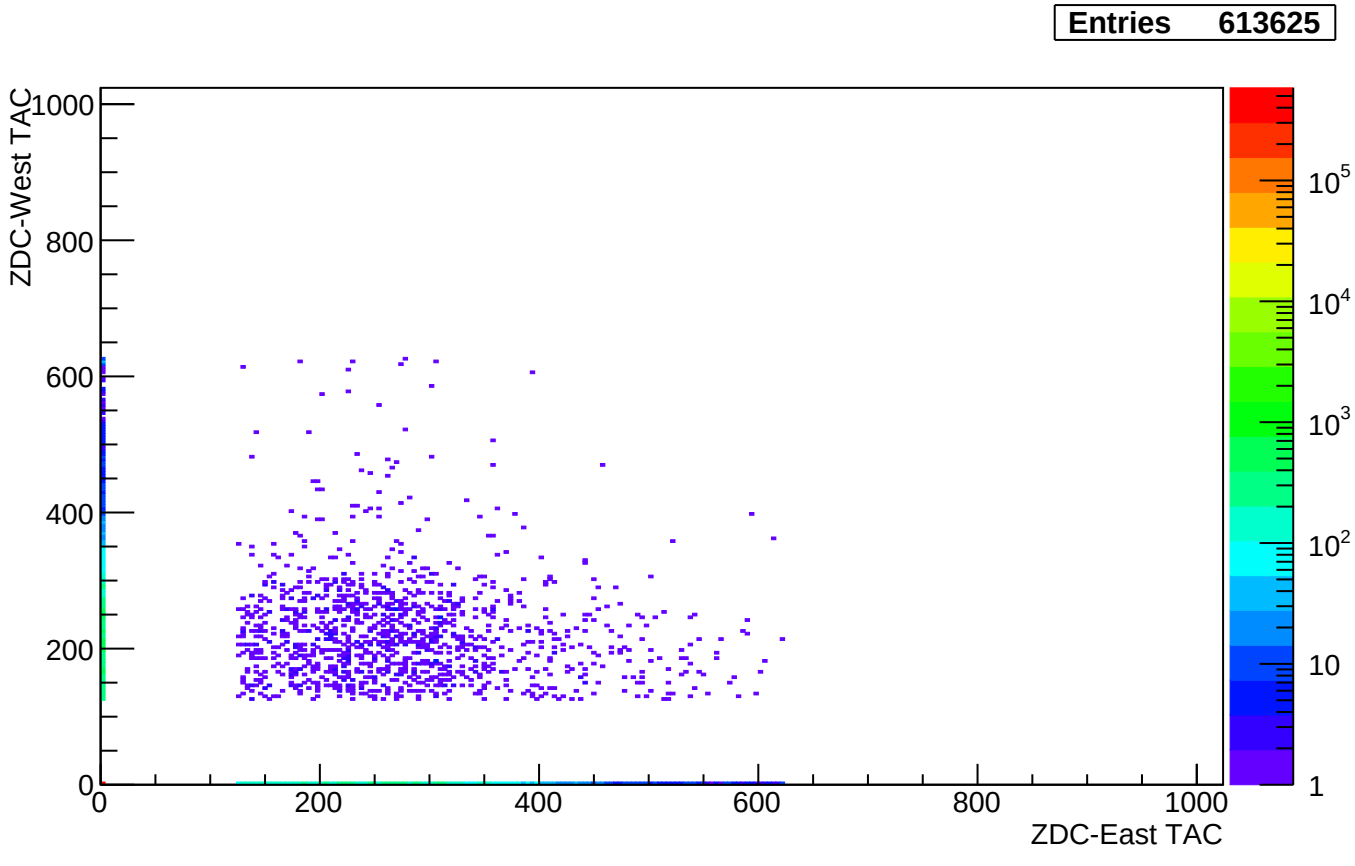

Entries 613625
TOF_Mult
VPD-East ADC Sum

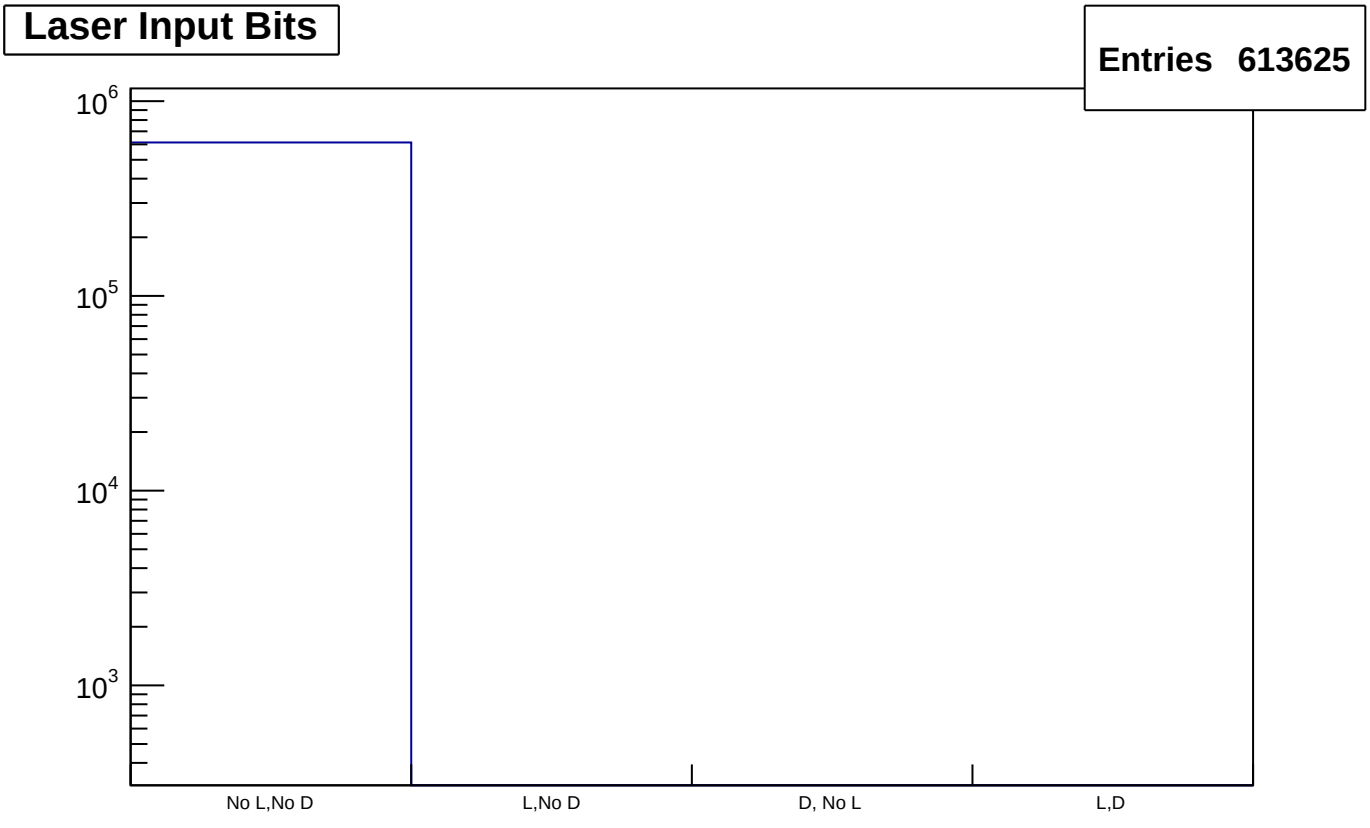

Entries 613625
TOF_Mult
VPD-West ADC Sum

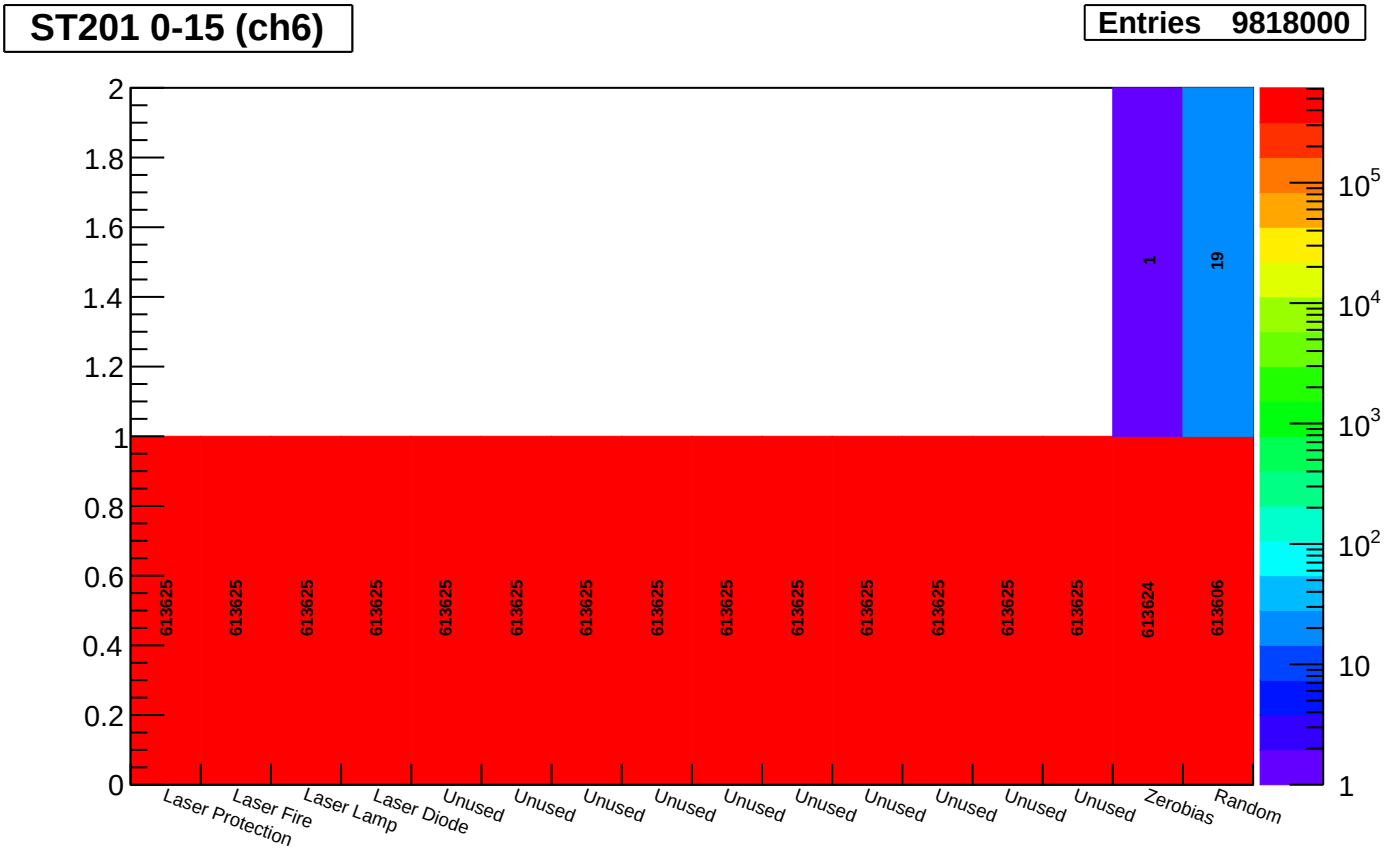

Entries 613625
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

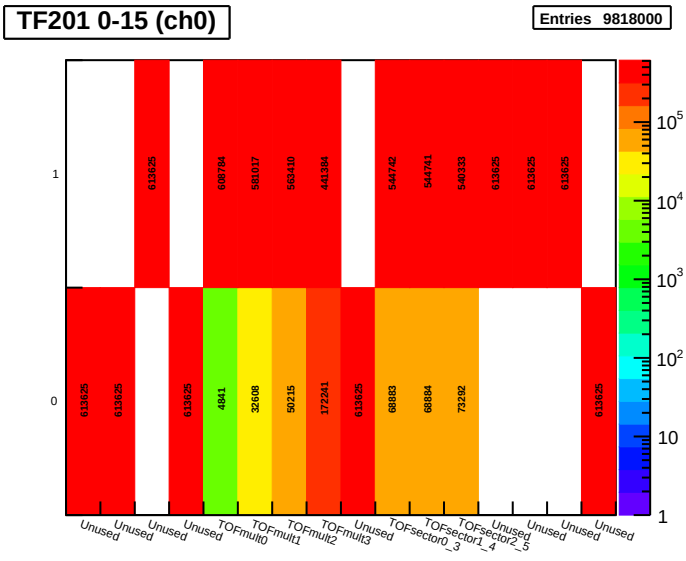

Entries 613625
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

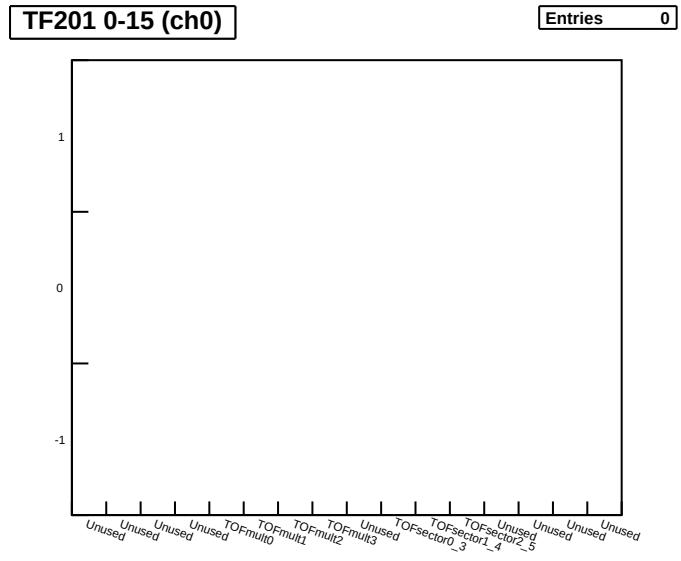

Entries 613625
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

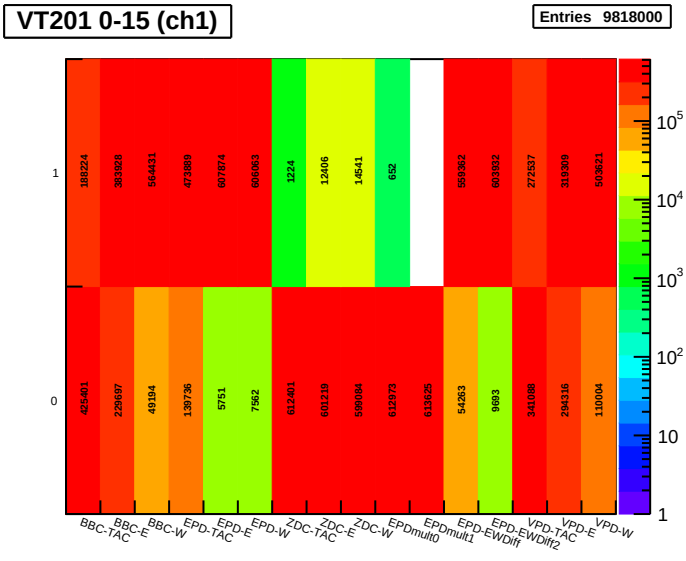

Entries 613625
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

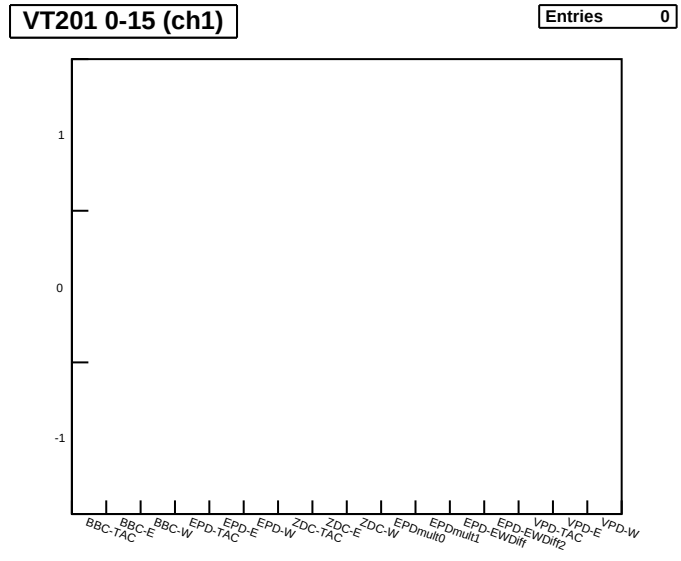

Laser Input Bits
Entries 613625
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

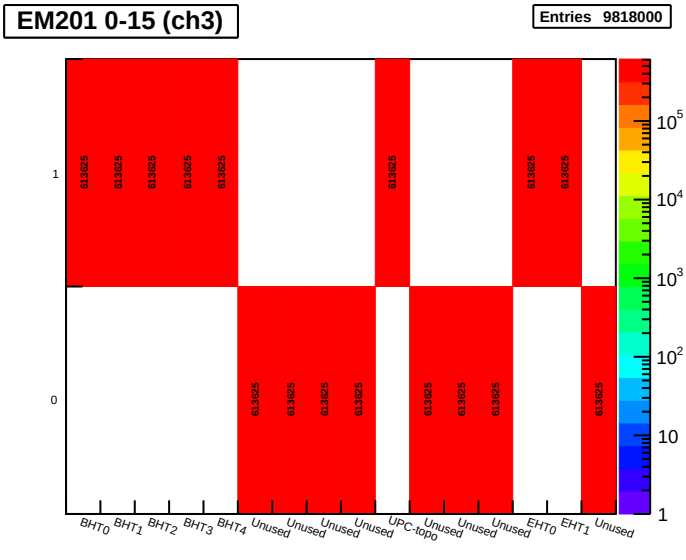

ST201 0-15 (ch6)
Entries 9818000
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613624
613606
1
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

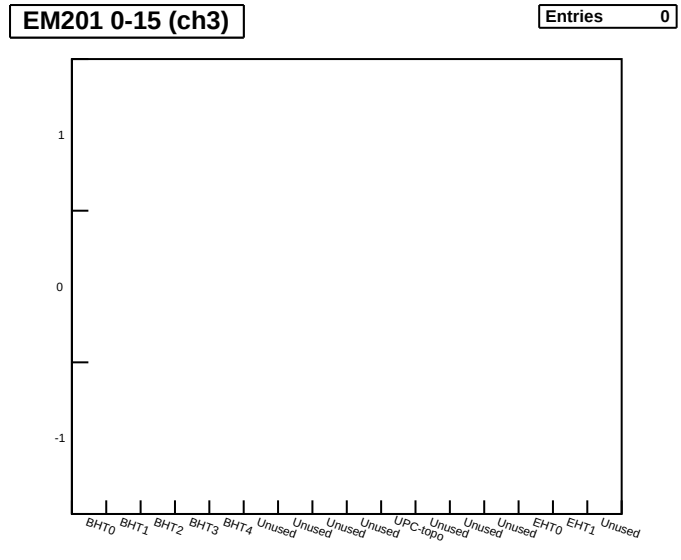

TF201 0-15 (ch0)
Entries 9818000
1
0
613625
608784
581017
563410
441384
544742
544741
540333
613625
613625
613625
613625
613625
613625
4841
32608
50215
172241
613625
68883
68884
73292
613625
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 9818000
1
0
188224
383928
564431
473889
607874
606063
1224
12406
14541
652
559362
603932
272537
319309
503621
425401
229697
49194
139736
5751
7562
612401
601219
599084
612973
613625
54263
9693
341088
294316
110004
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 9818000
1
0
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
613625
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