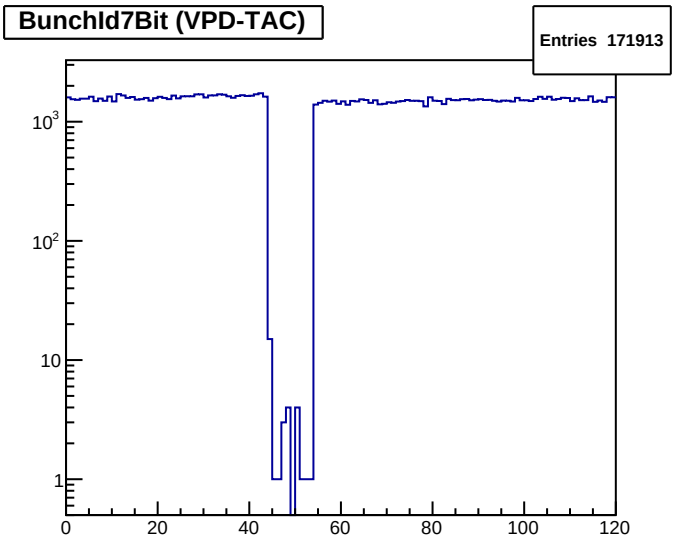
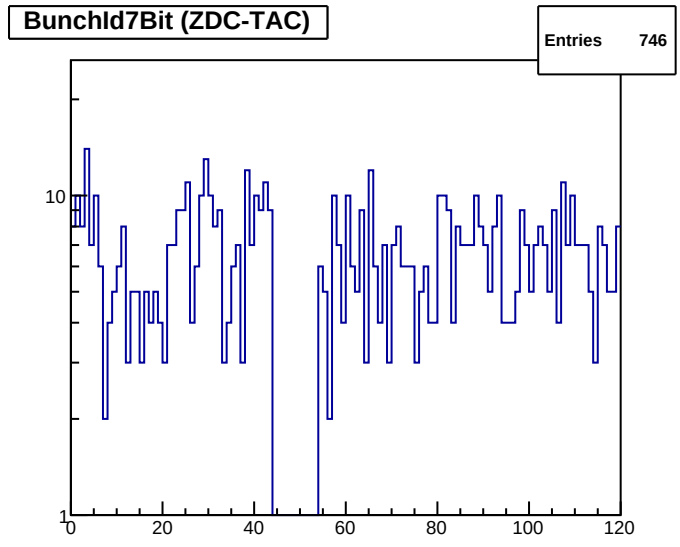
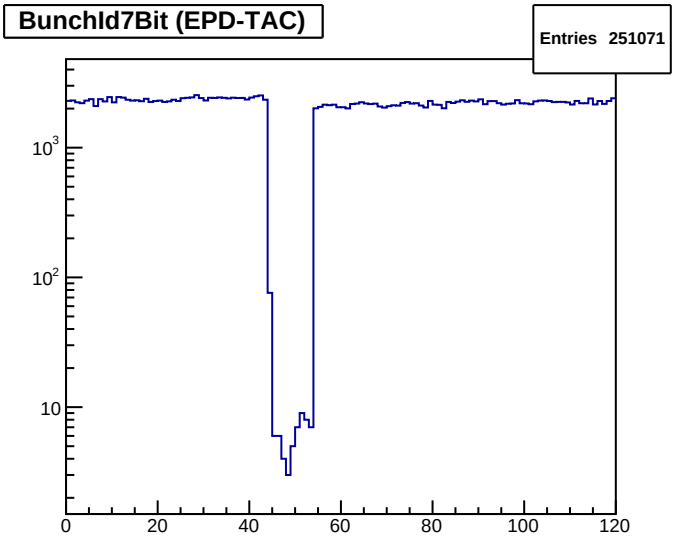
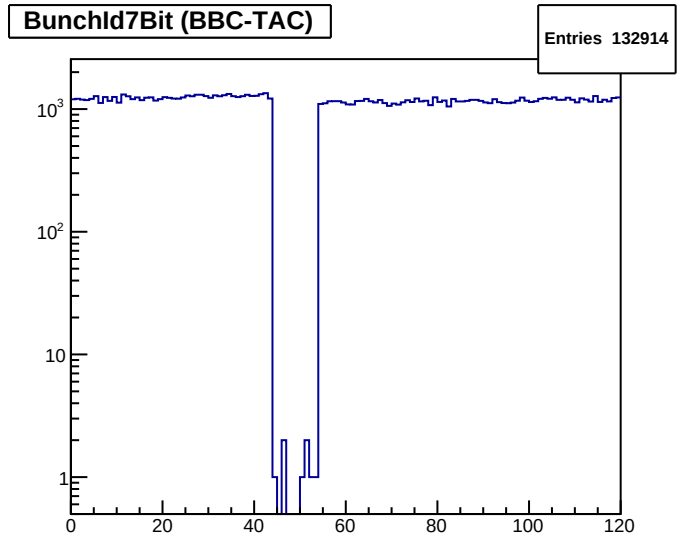
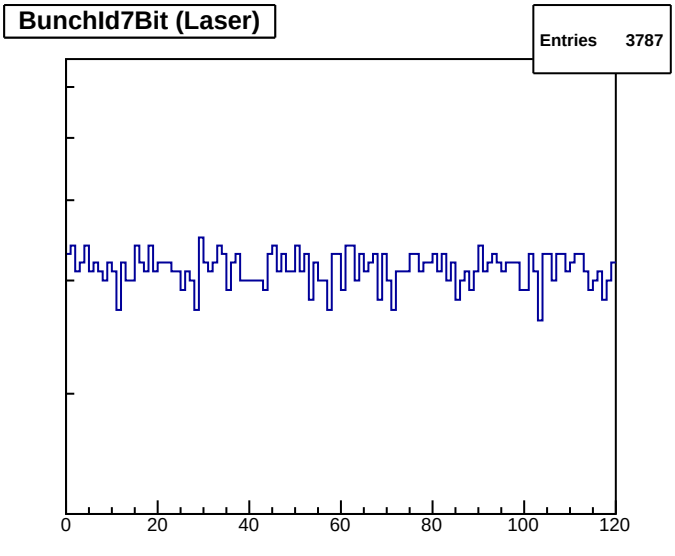
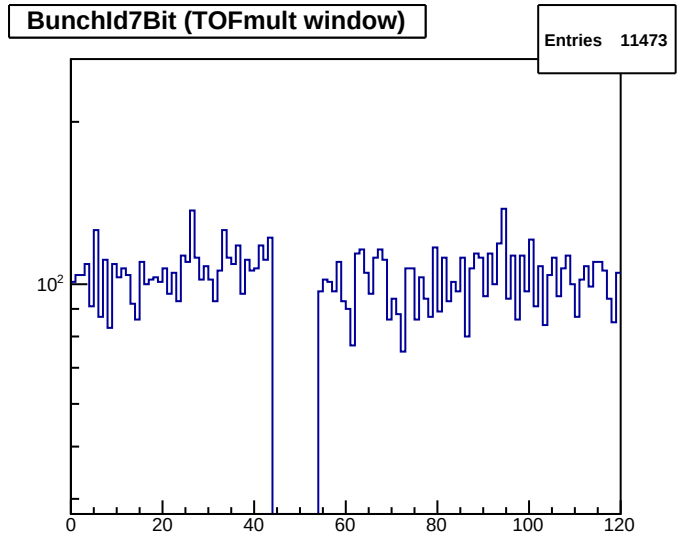

BunchId7Bit (VPD-TAC)
Entries 171913
10^3
10^2
10
1
0
20
40
60
80
100
120

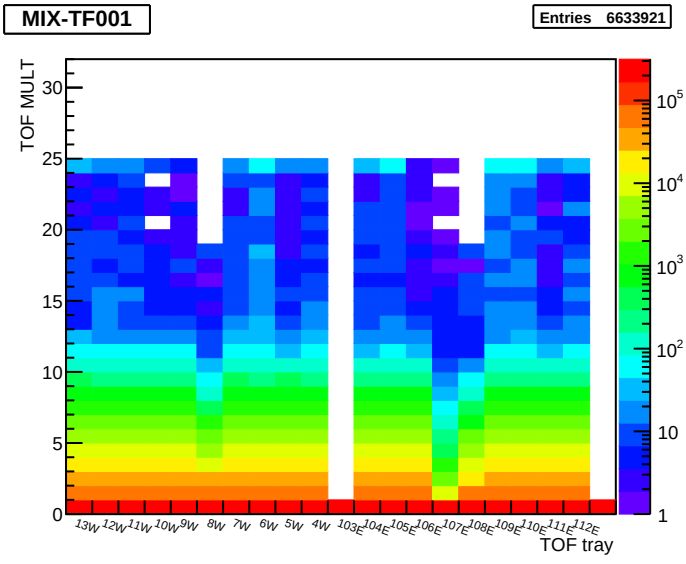

BunchId7Bit (ZDC-TAC)
Entries 746
10
1
0
20
40
60
80
100
120

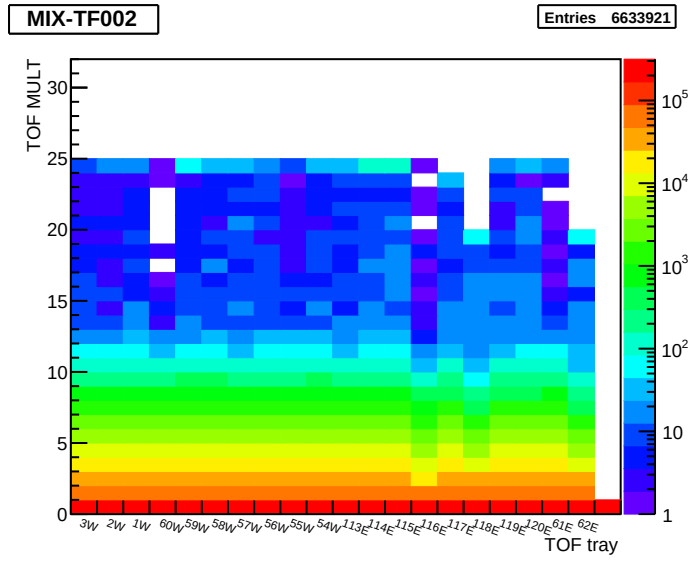

BunchId7Bit (EPD-TAC)
Entries 251071
10^3
10^2
10
0
20
40
60
80
100
120

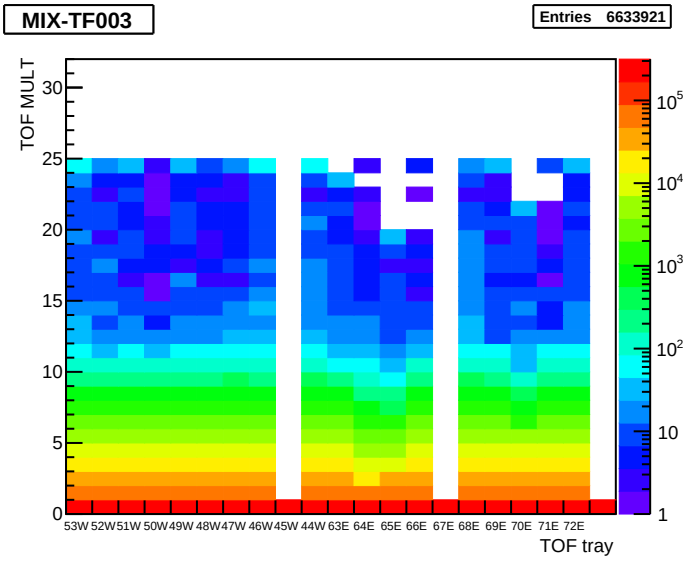

BunchId7Bit (BBC-TAC)
Entries 132914
10^3
10^2
10
1
0
20
40
60
80
100
120

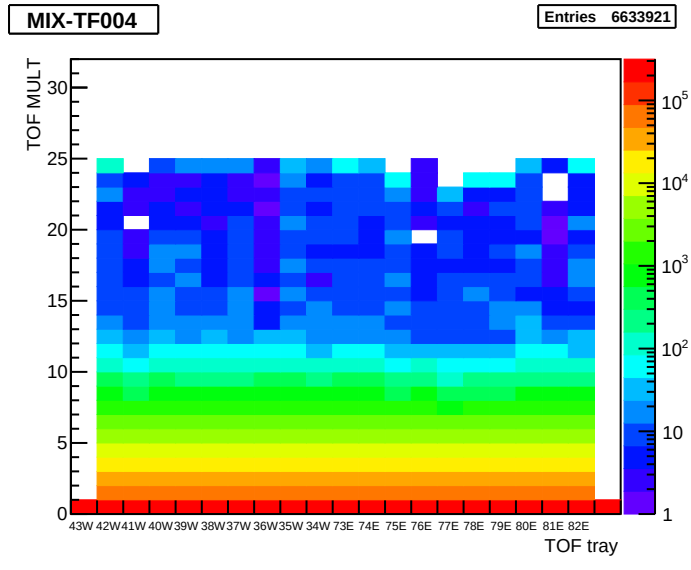

BunchId7Bit (Laser)
Entries 3787
0
20
40
60
80
100
120

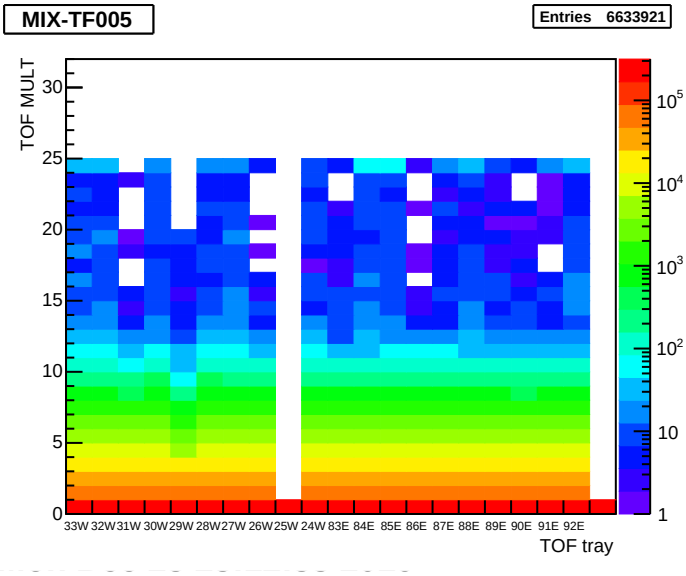

BunchId7Bit (TOFmult window)
Entries 11473
10^2
0
20
40
60
80
100
120

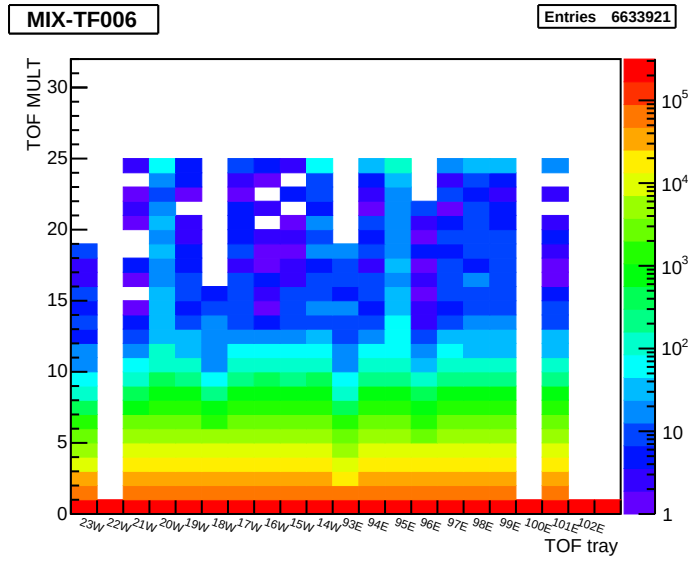

MIX-TF001
Entries 6633921
TOF MULT
TOF tray

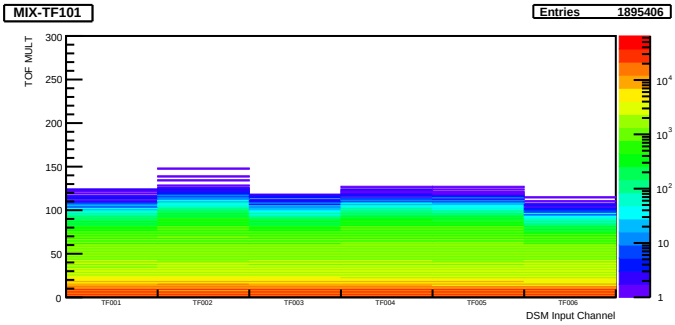

MIX-TF002
Entries 6633921
TOF MULT
TOF tray

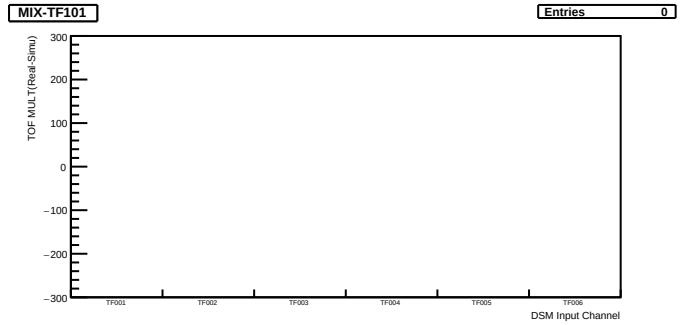

MIX-TF003
Entries 6633921
TOF MULT
TOF tray

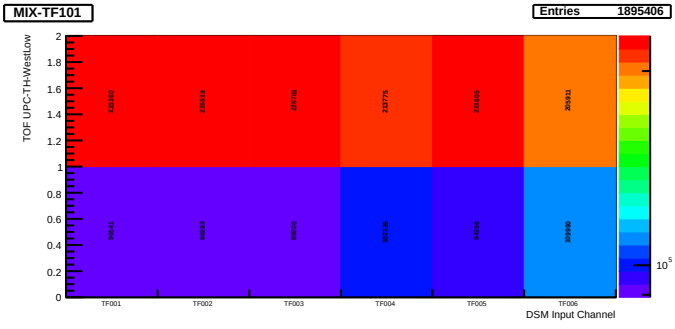

MIX-TF004
Entries 6633921
TOF MULT
TOF tray

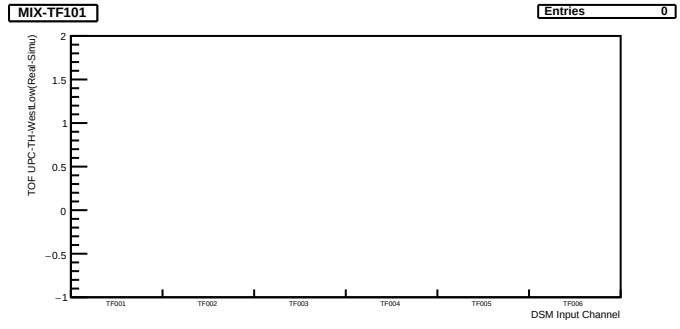

MIX-TF005
Entries 6633921
TOF MULT
TOF tray

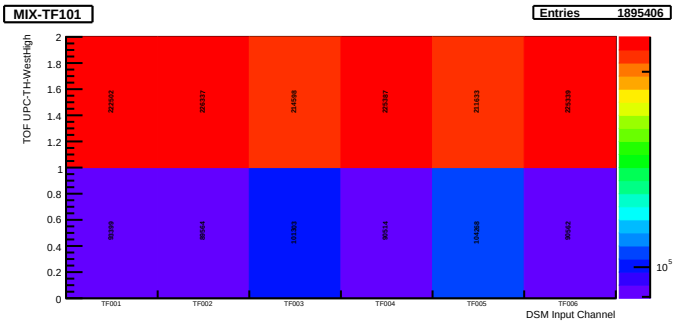

MIX-TF006
Entries 6633921
TOF MULT
TOF tray

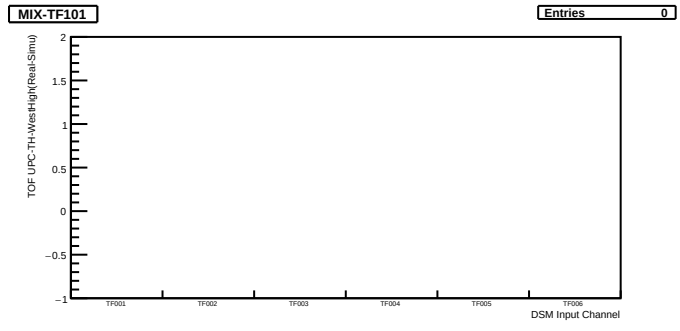

MIX-TF101
Entries 1895406
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

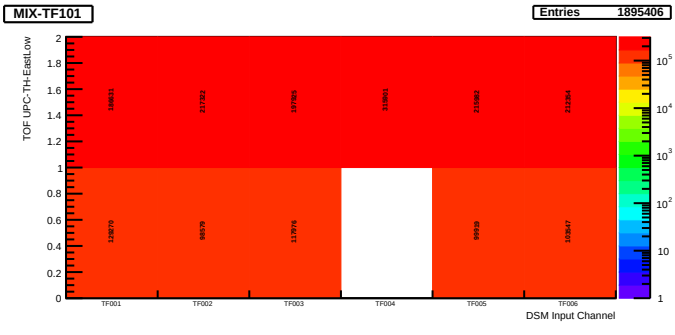

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

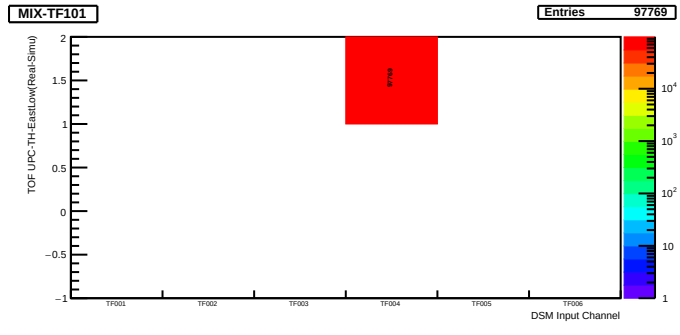

MIX-TF101
Entries 1895406
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

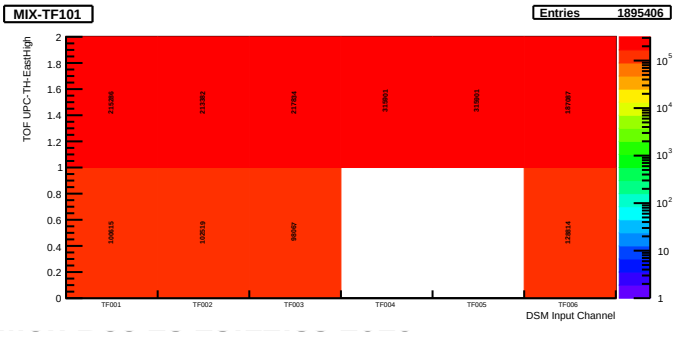

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

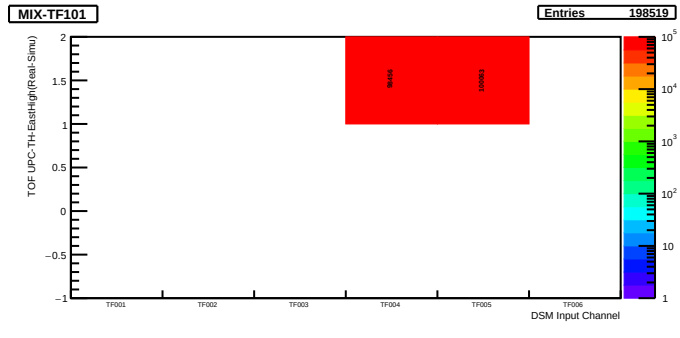

MIX-TF101
Entries 1895406
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

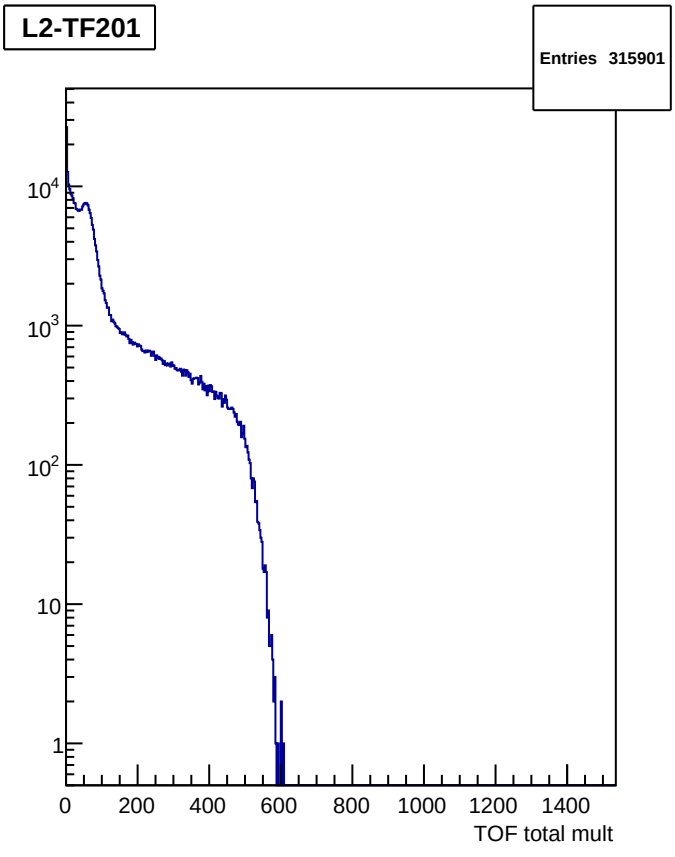

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

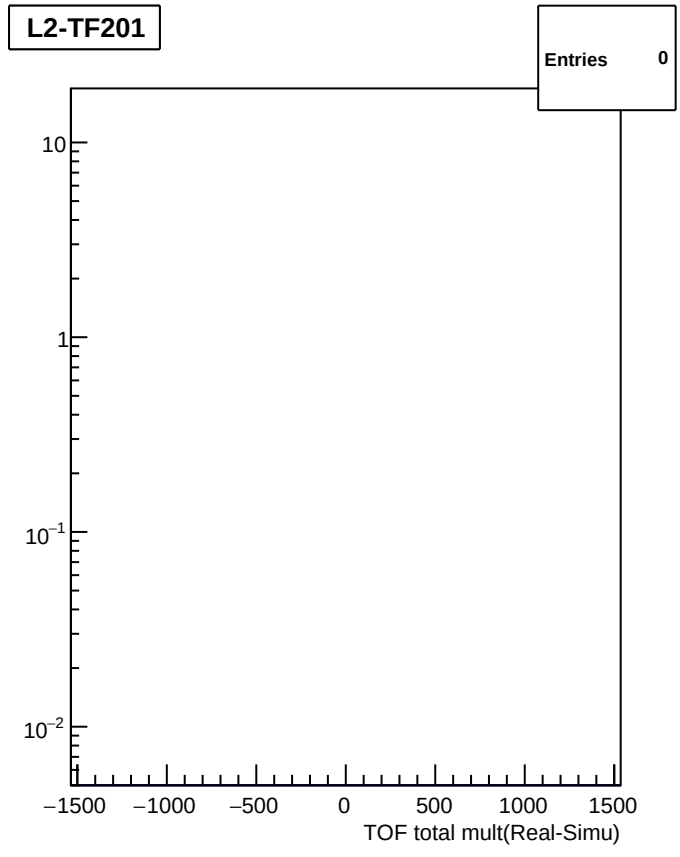

MIX-TF101
Entries 1895406
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

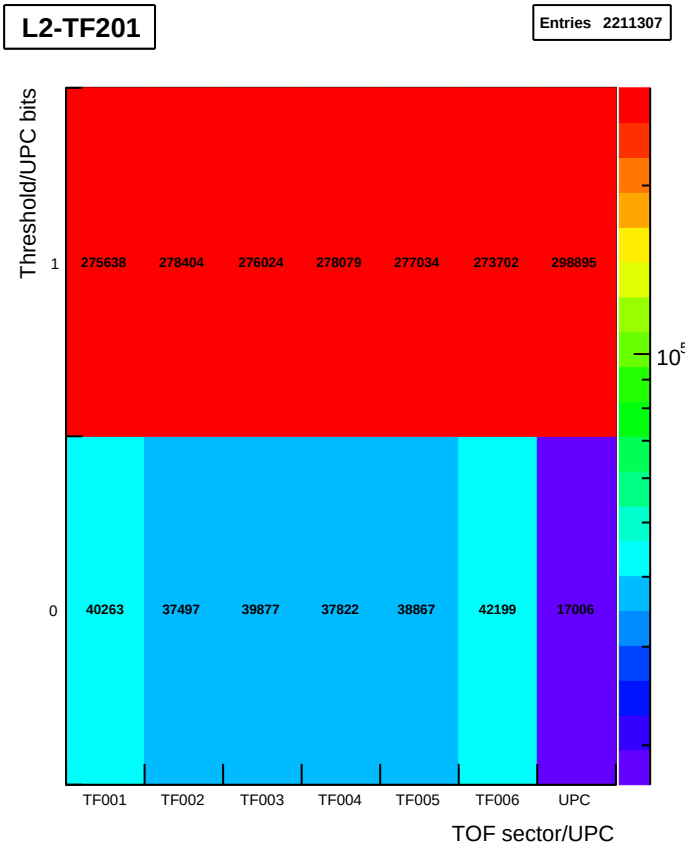

MIX-TF101
Entries 97769
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

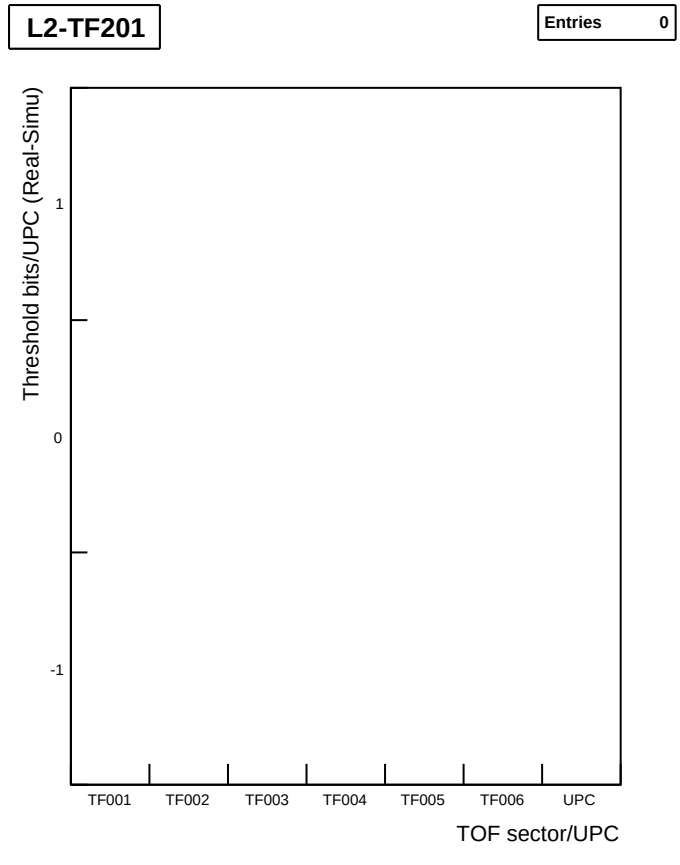

MIX-TF101
Entries 1895406
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

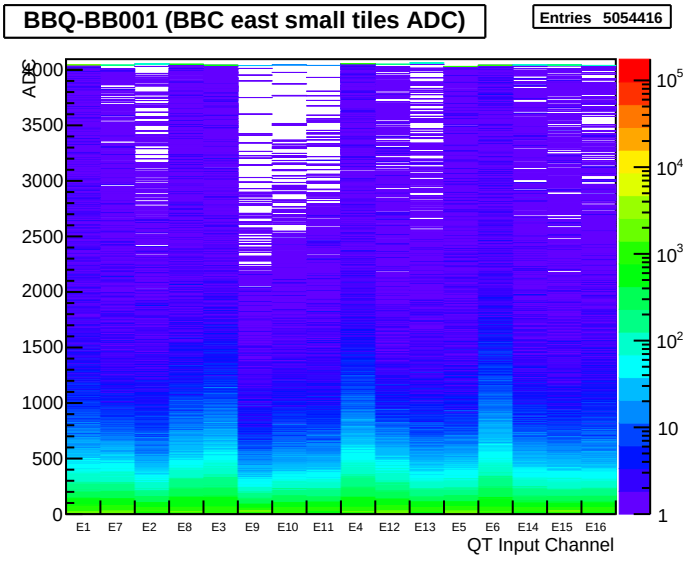

MIX-TF101
Entries 198519
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

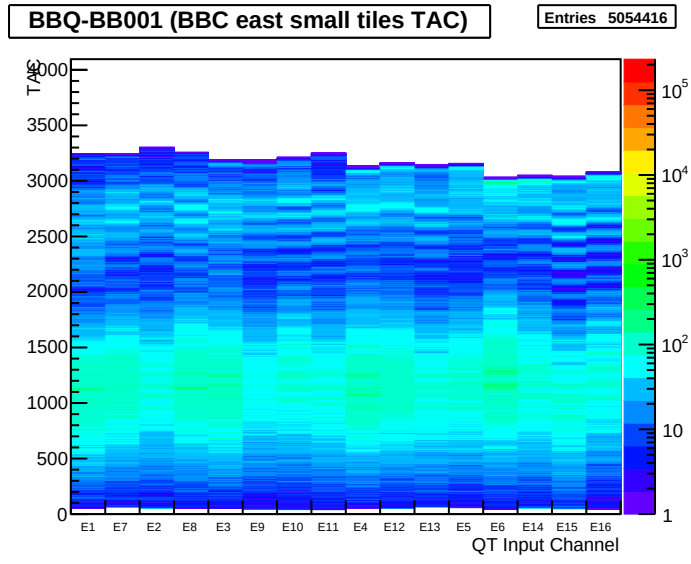

L2-TF201
Entries 315901
TOF total mult

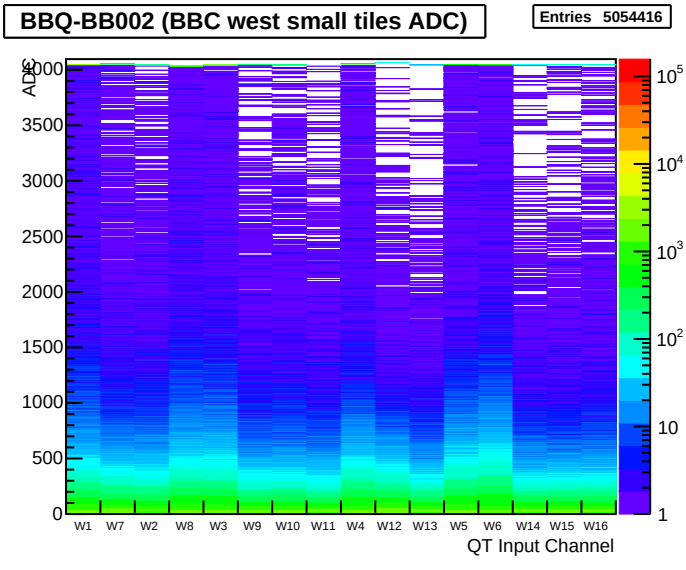

L2-TF201
Entries 0
TOF total mult(Real-Simu)

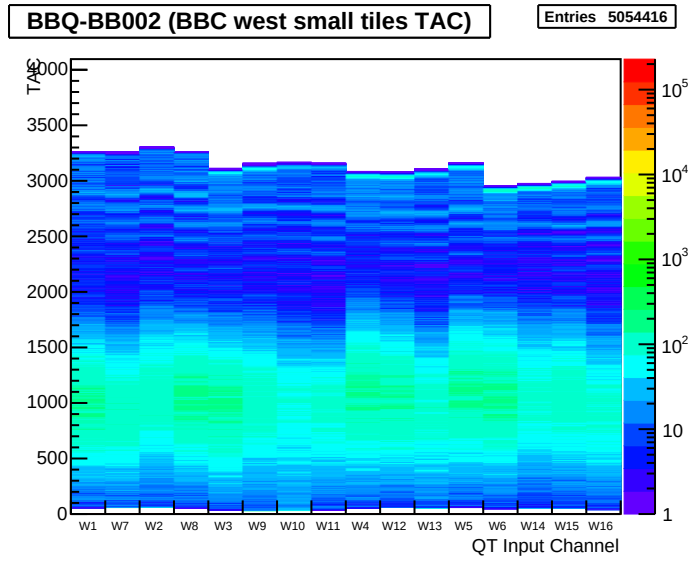

L2-TF201
Entries 2211307
Threshold/UPC bits
275638
278404
276024
278079
277034
273702
298895
40263
37497
39877
37822
38867
42199
17006
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

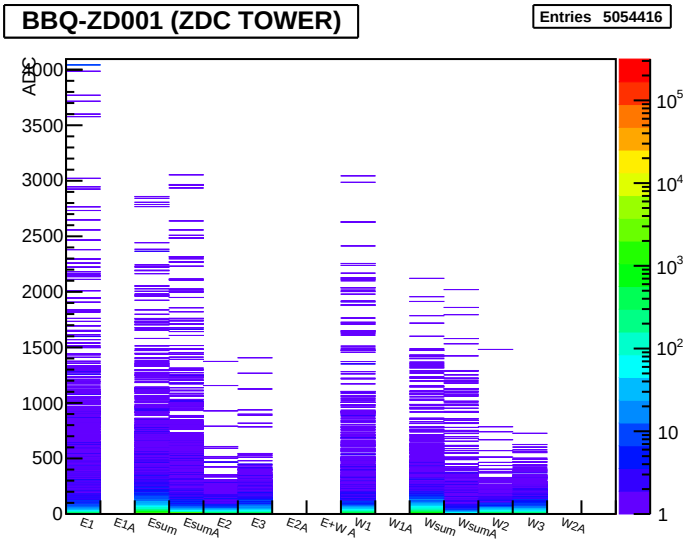

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

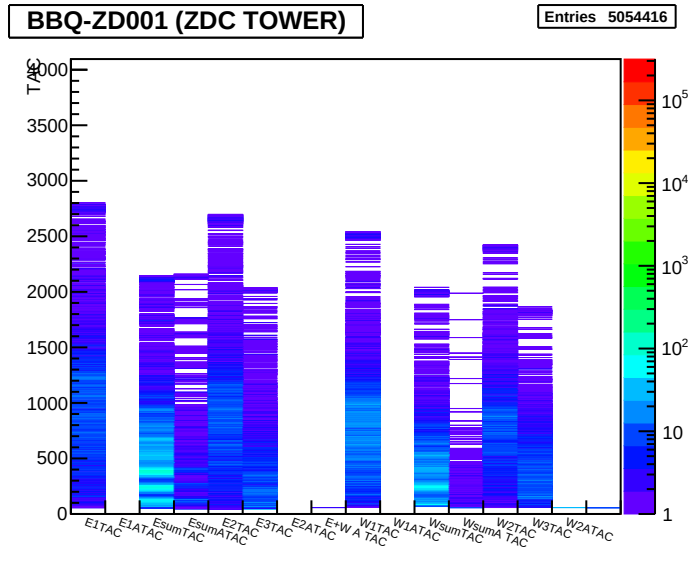

BBQ-BB001 (BBC east small tiles ADC)
Entries 5054416
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

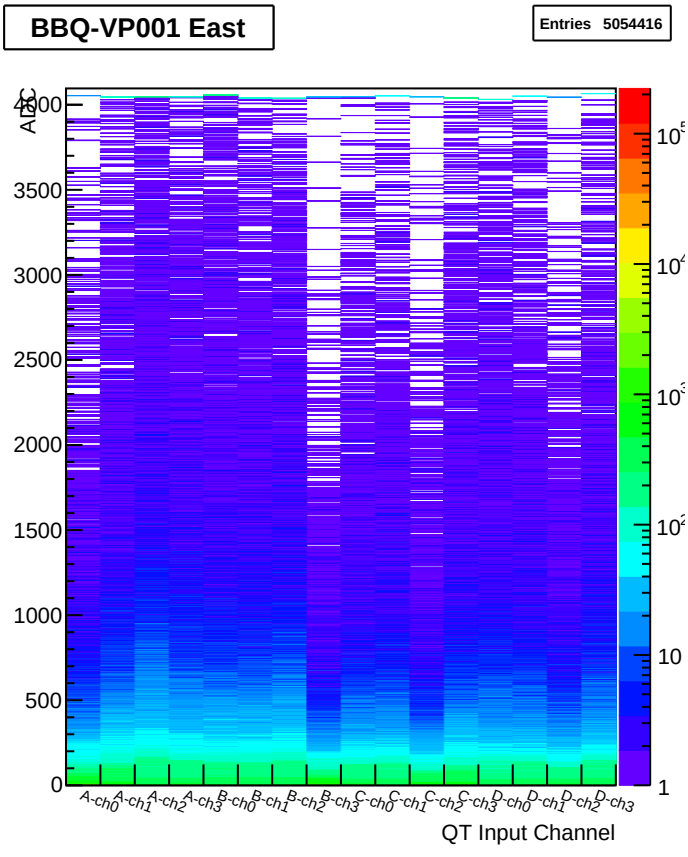

BBQ-BB001 (BBC east small tiles TAC)
Entries 5054416
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

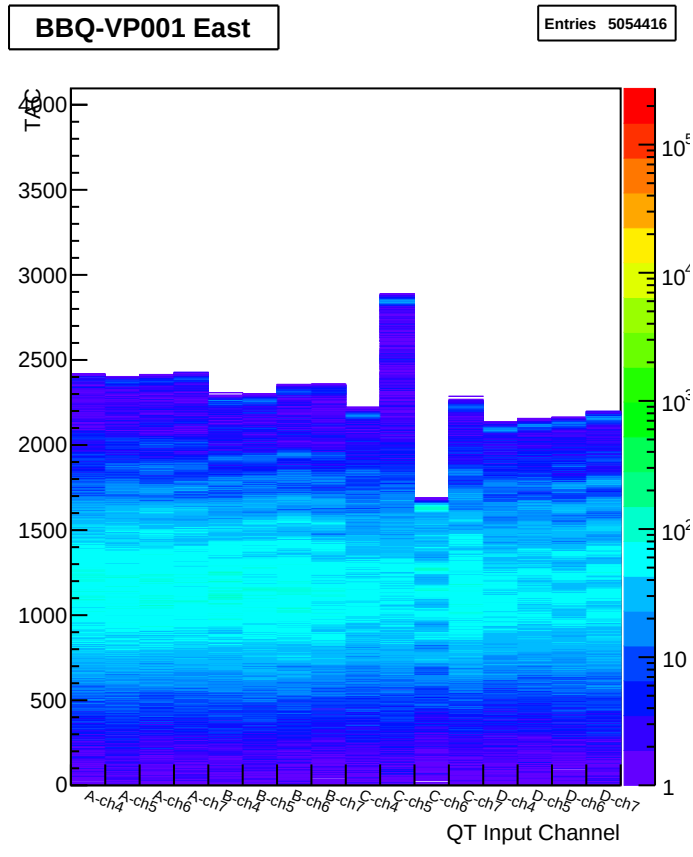

BBQ-BB002 (BBC west small tiles ADC)
Entries 5054416
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

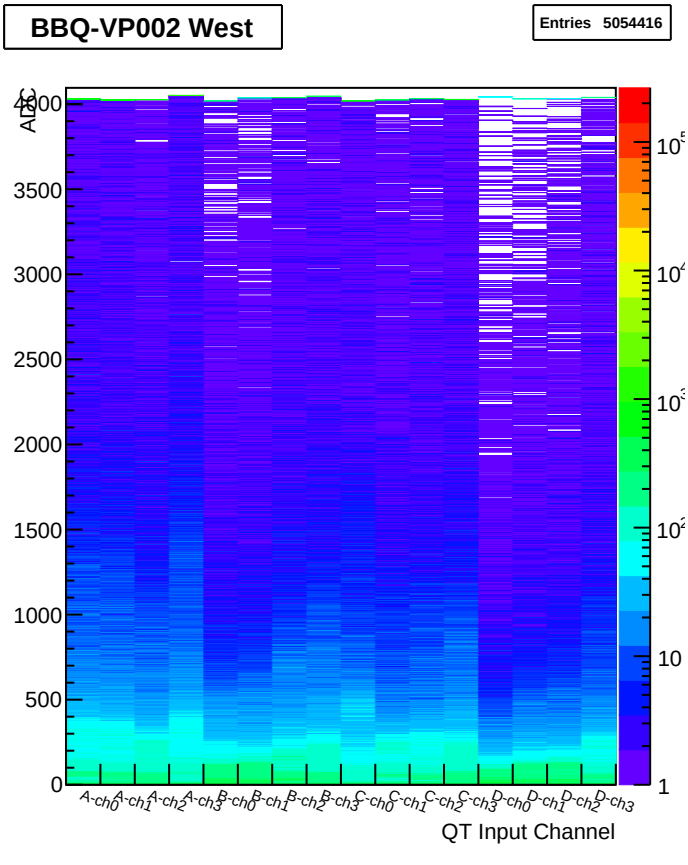

BBQ-BB002 (BBC west small tiles TAC)
Entries 5054416
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

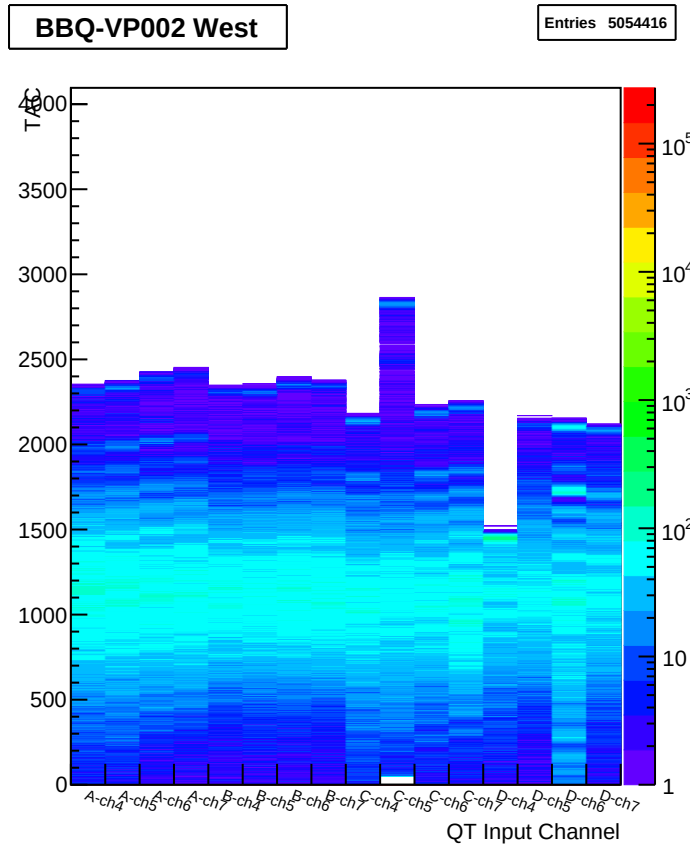

BBQ-ZD001 (ZDC TOWER)
Entries 5054416
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

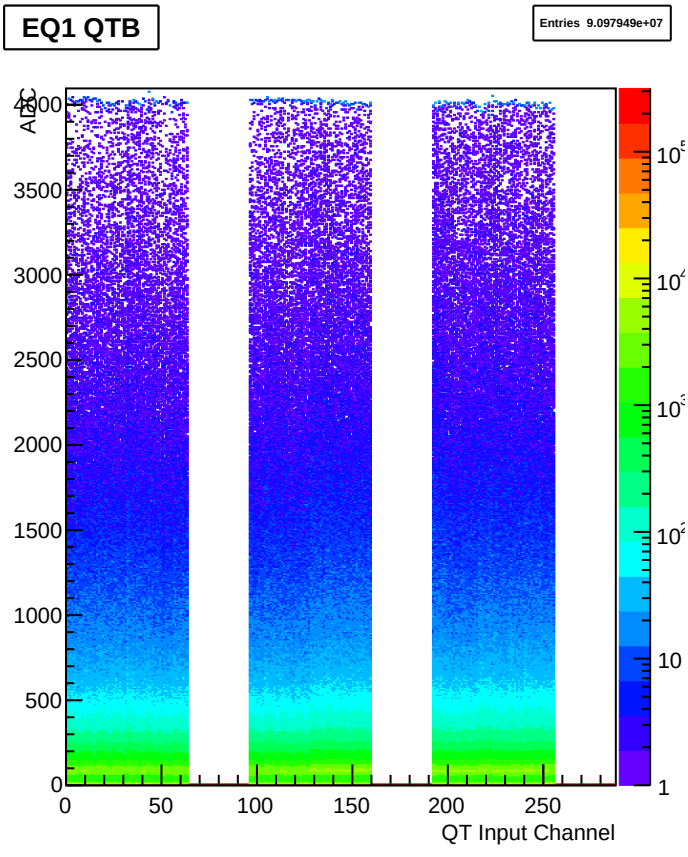

BBQ-ZD001 (ZDC TOWER)
Entries 5054416
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

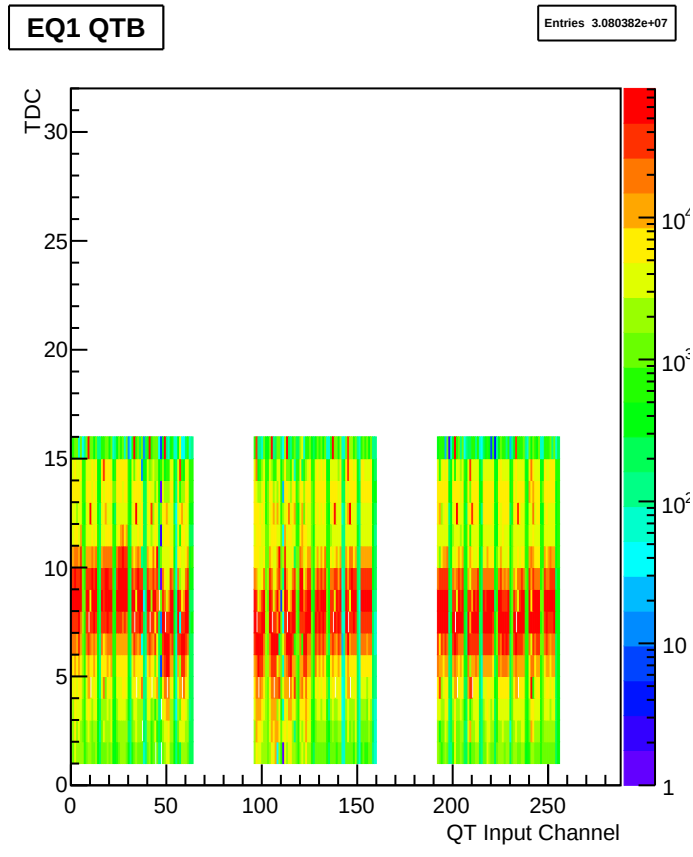

BBQ-VP001 East
Entries 5054416
ADC
QT Input Channel

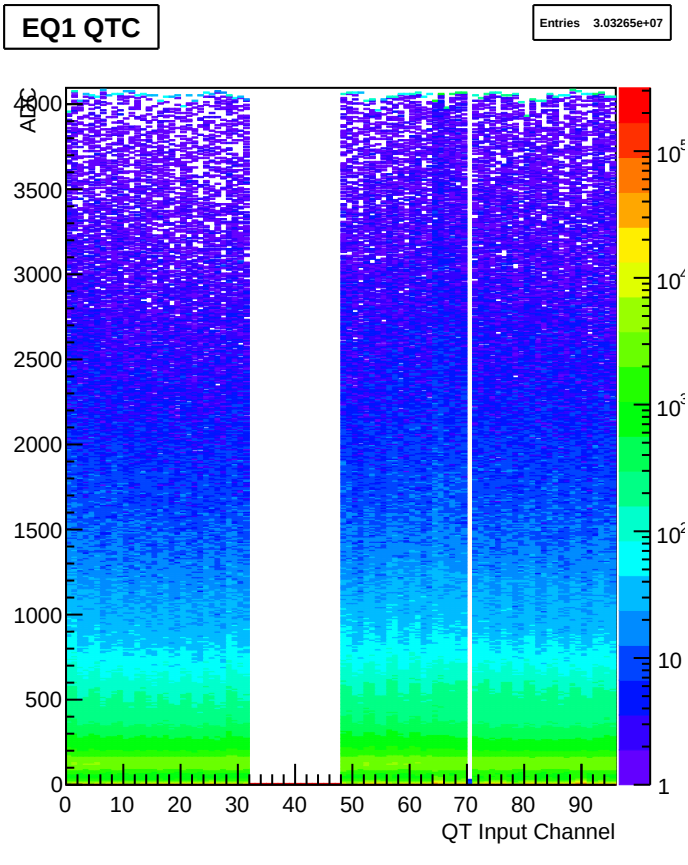

BBQ-VP001 East
Entries 5054416
TADC
QT Input Channel

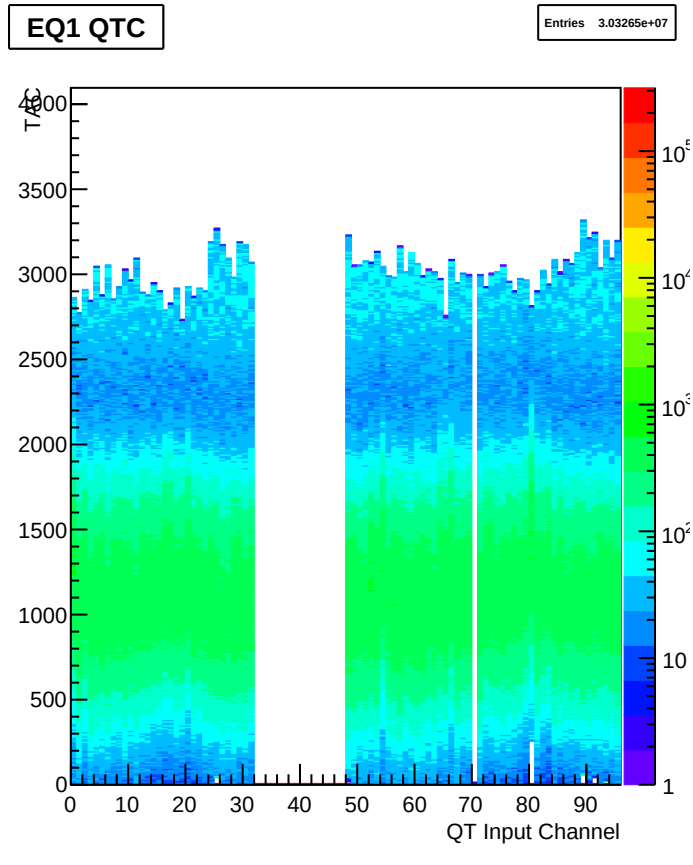

BBQ-VP002 West
Entries 5054416
ADC
QT Input Channel

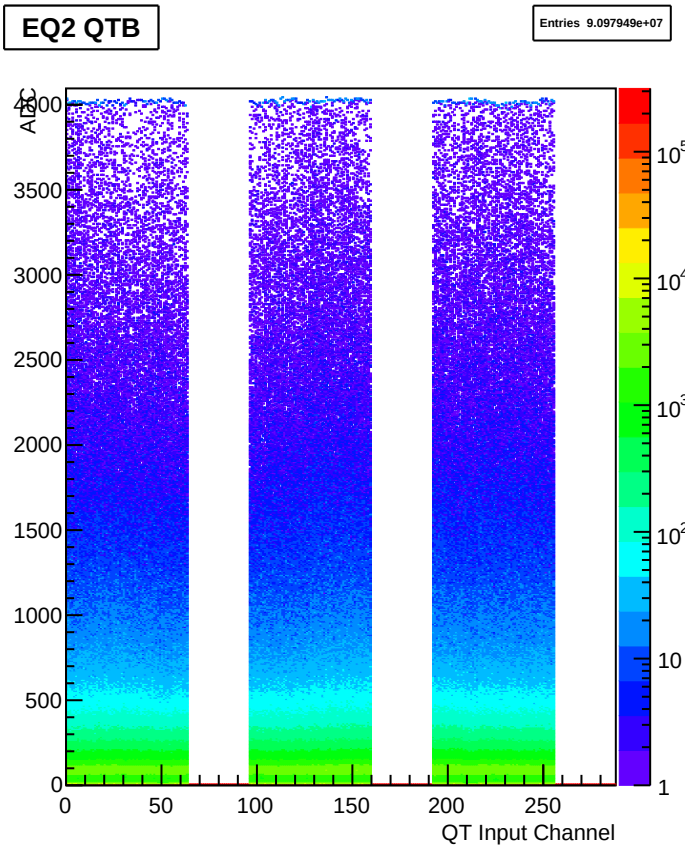

BBQ-VP002 West
Entries 5054416
TADC
QT Input Channel

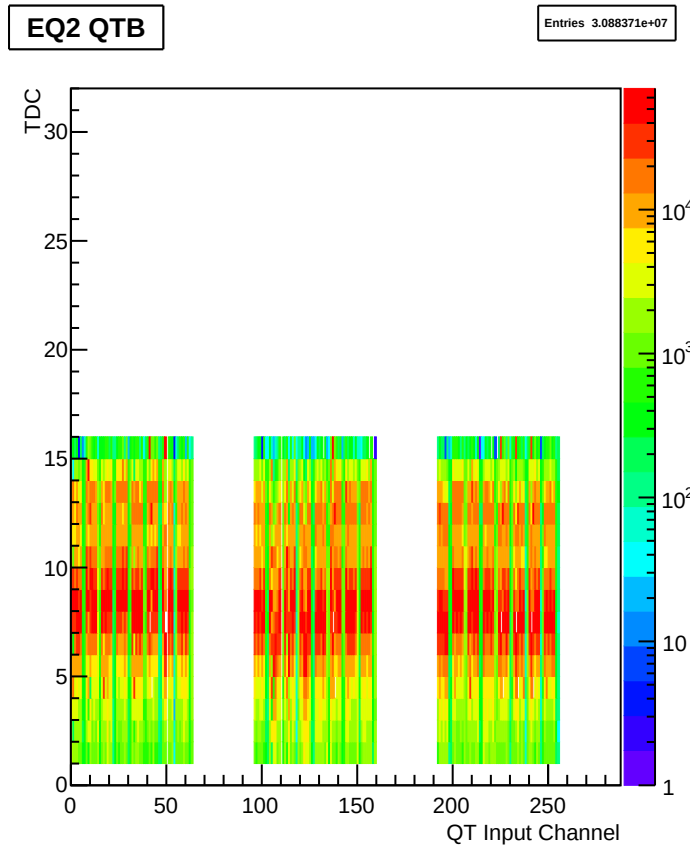

EQ1 QTB
Entries 9.097949e+07
ADC
QT Input Channel

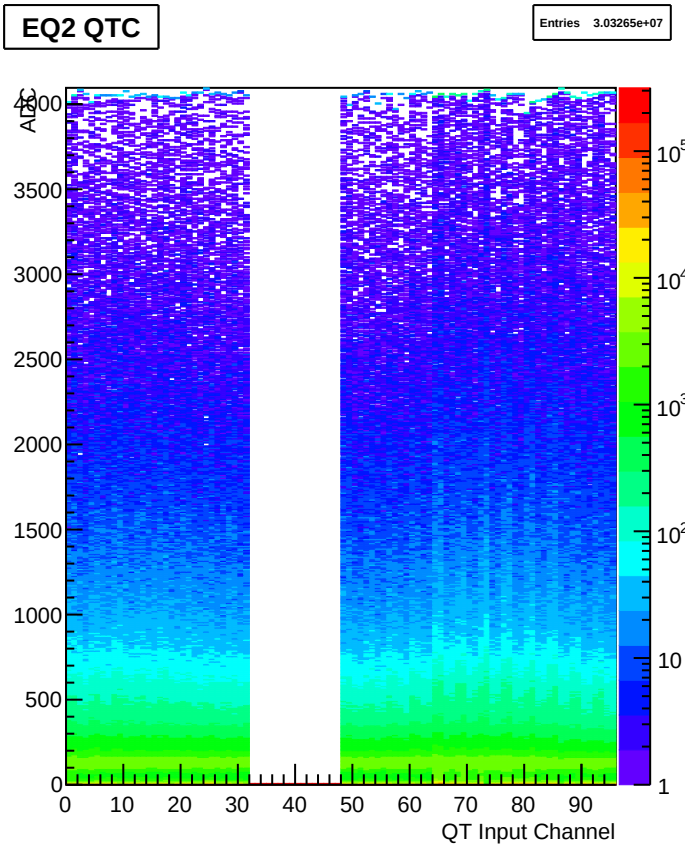

EQ1 QTB
Entries 3.080382e+07
TDC
QT Input Channel

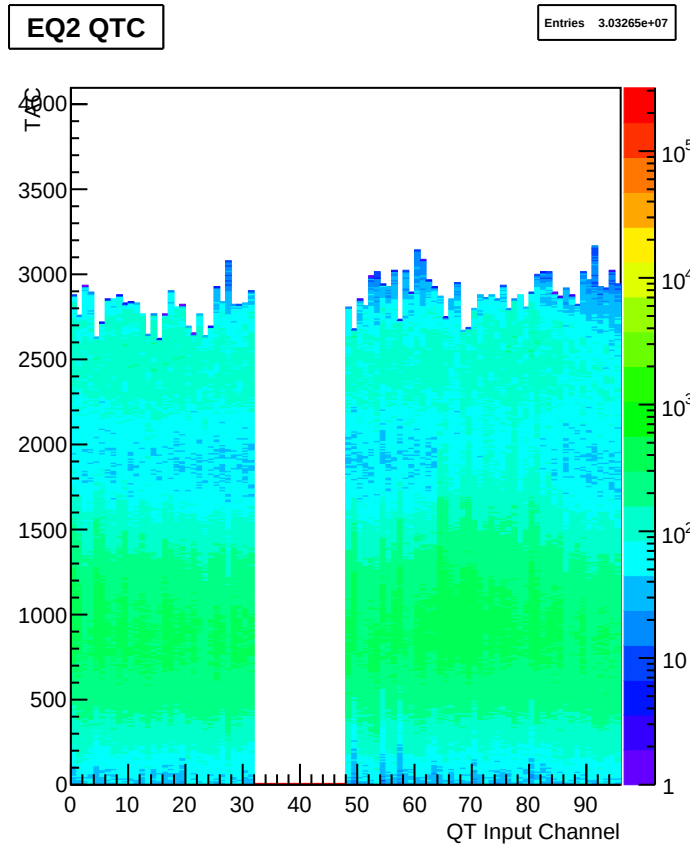

EQ1 QTC
Entries 3.03265e+07
ADC
QT Input Channel

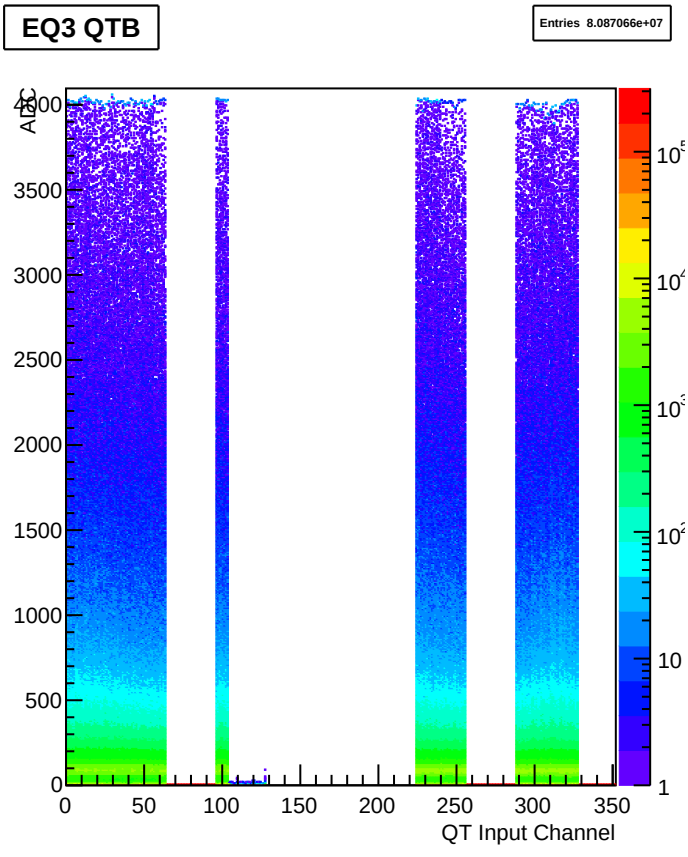

EQ1 QTC
Entries 3.03265e+07
TADC
QT Input Channel

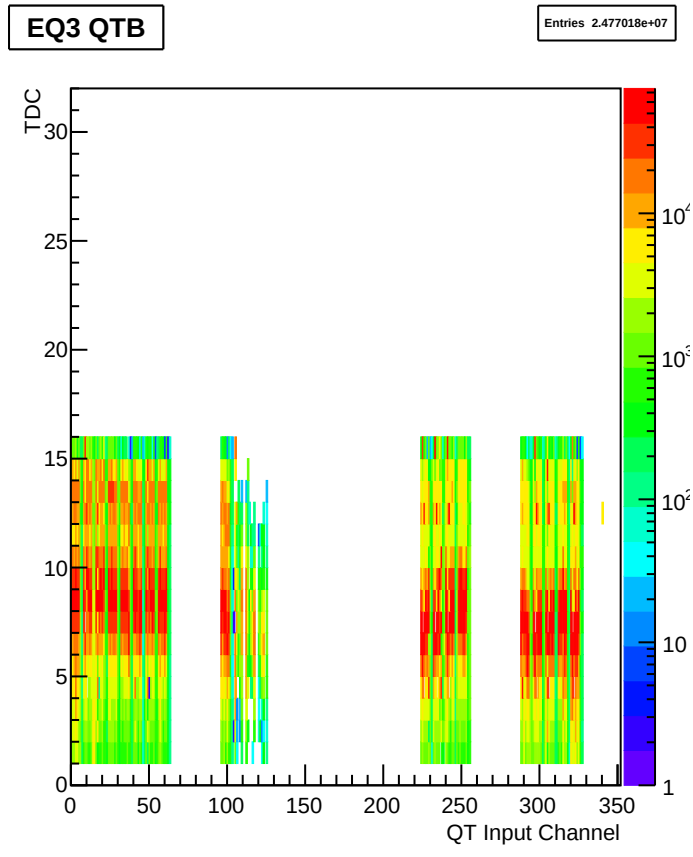

EQ2 QTB
Entries 9.097949e+07
ADC
QT Input Channel

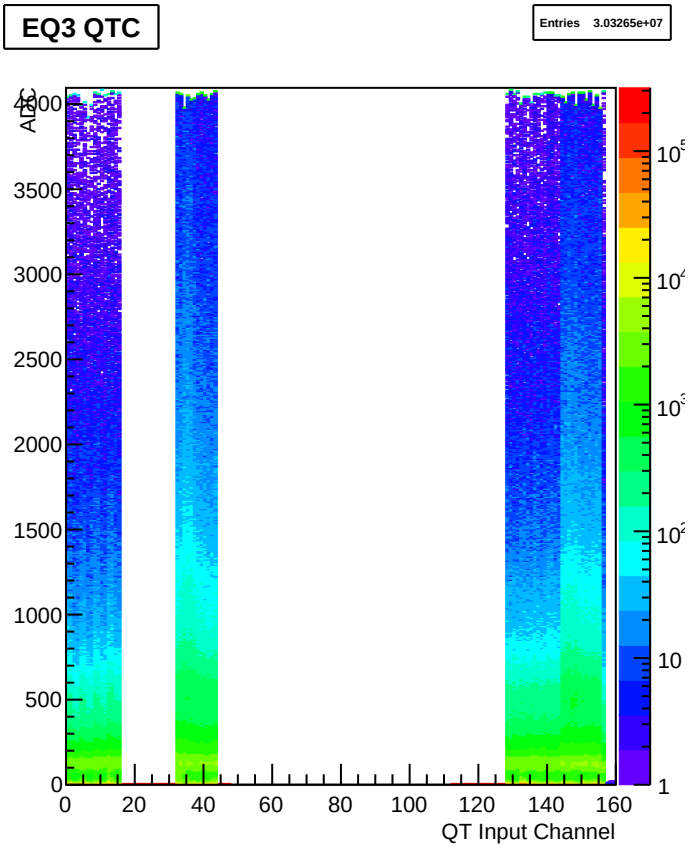

EQ2 QTB
Entries 3.088371e+07
TDC
QT Input Channel

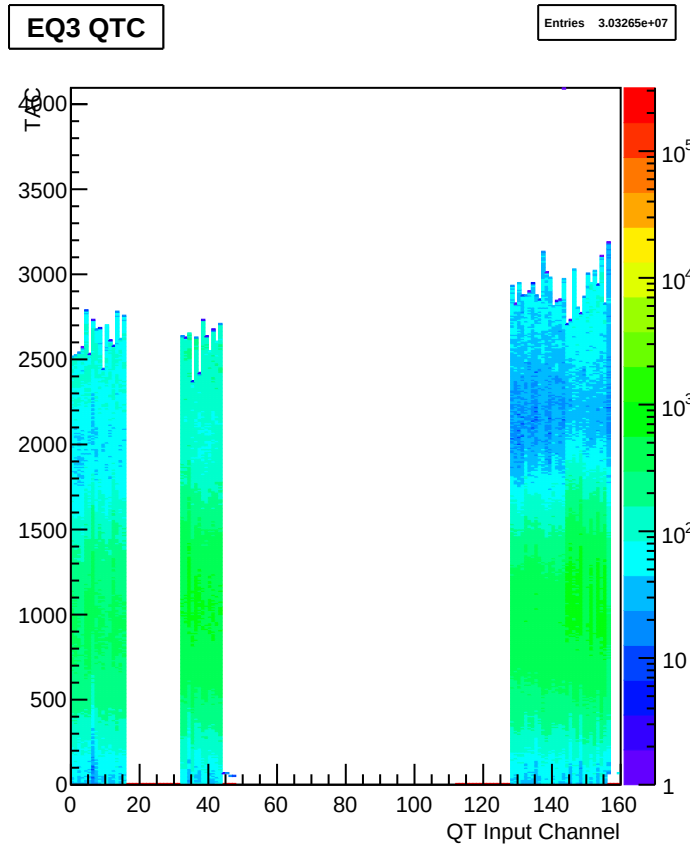

EQ2 QTC
Entries 3.03265e+07
ADC
QT Input Channel

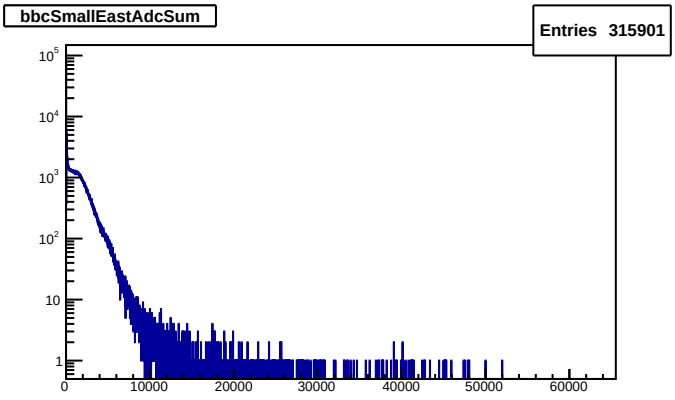

EQ2 QTC
Entries 3.03265e+07
TADC
QT Input Channel

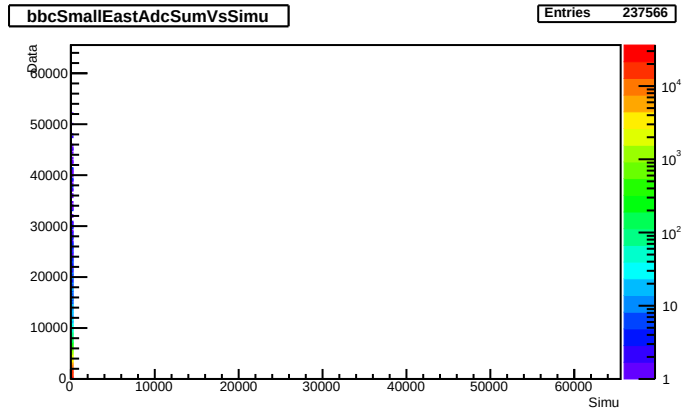

EQ3 QTB
Entries 8.087066e+07
ADC
QT Input Channel

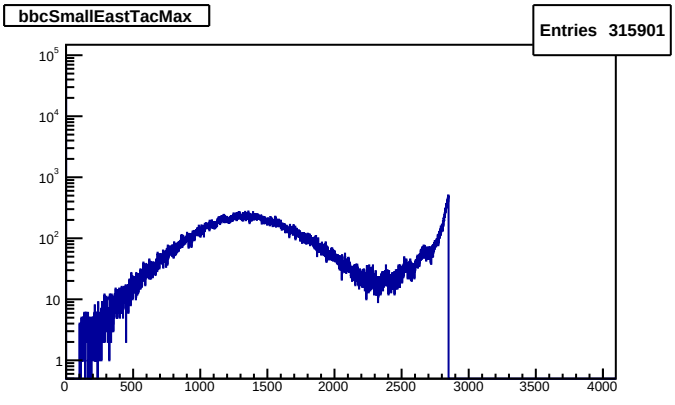

EQ3 QTB
Entries 2.477018e+07
TDC
QT Input Channel

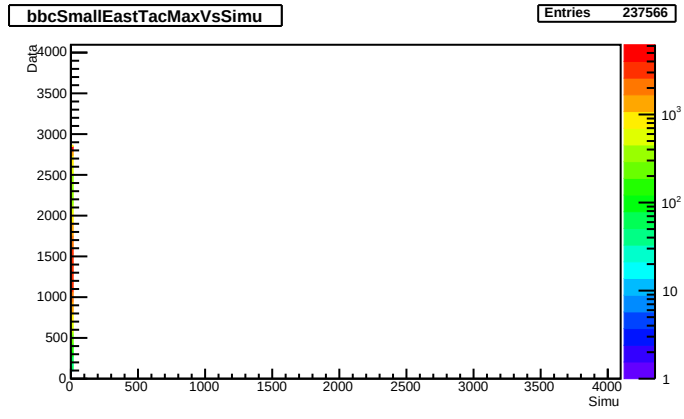

EQ3 QTC
Entries 3.03265e+07
ADC
QT Input Channel

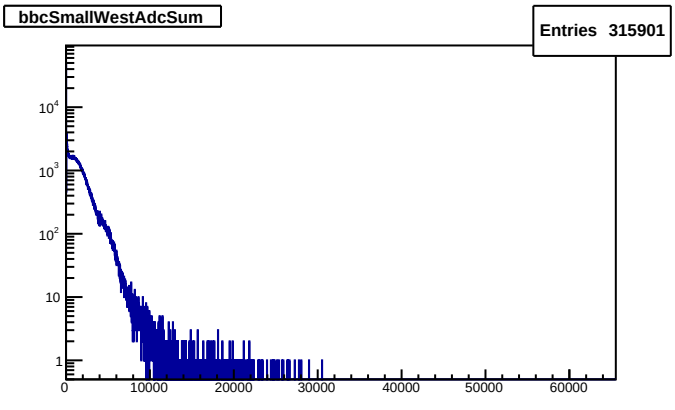

EQ3 QTC
Entries 3.03265e+07
TADC
QT Input Channel

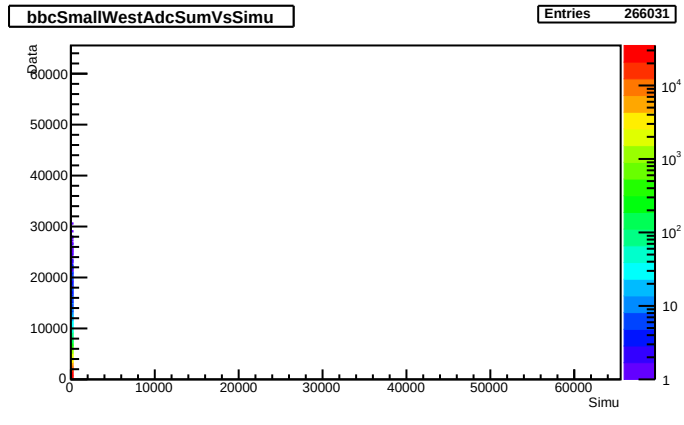

bbcSmallEastAdcSum
Entries 315901

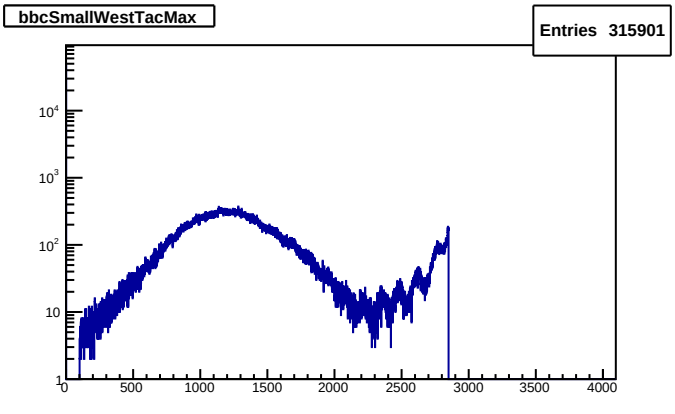

bbcSmallEastAdcSumVsSimu
Entries 237566
Data
Simu

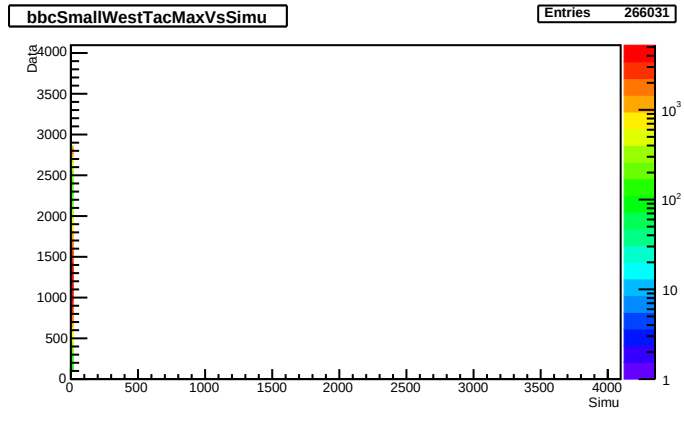

bbcSmallEastTacMax
Entries 315901

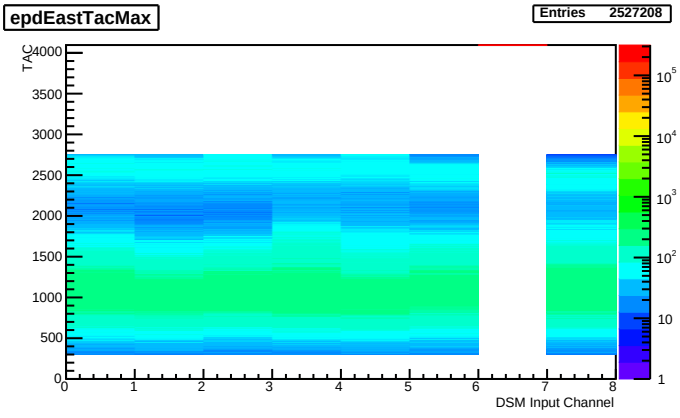

bbcSmallEastTacMaxVsSimu
Entries 237566
Data
Simu

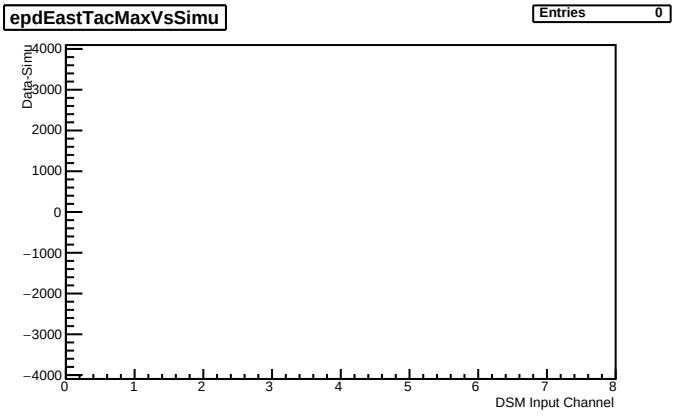

bbcSmallWestAdcSum
Entries 315901

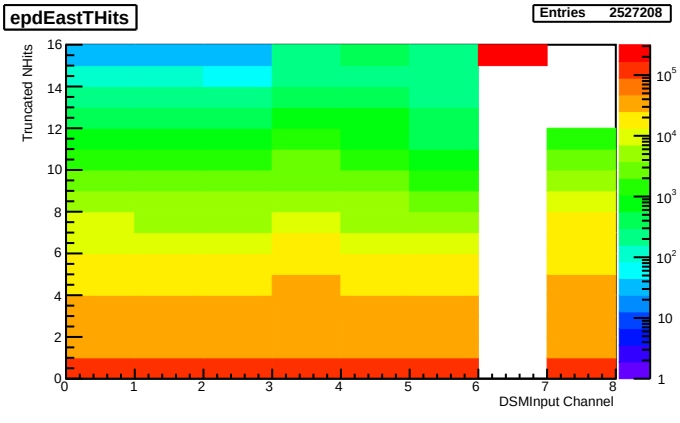

bbcSmallWestAdcSumVsSimu
Entries 266031
Data
Simu

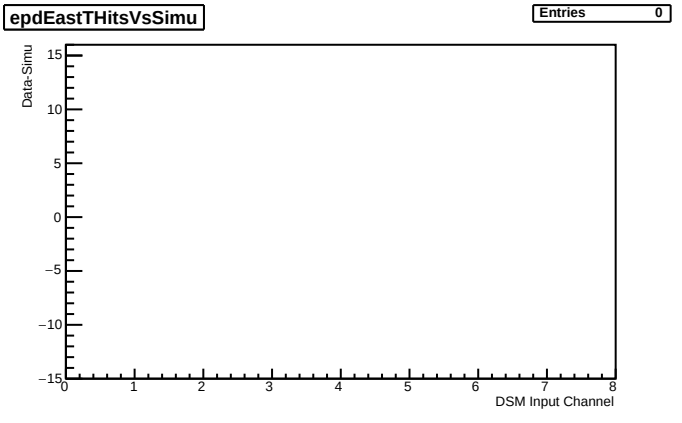

bbcSmallWestTacMax
Entries 315901

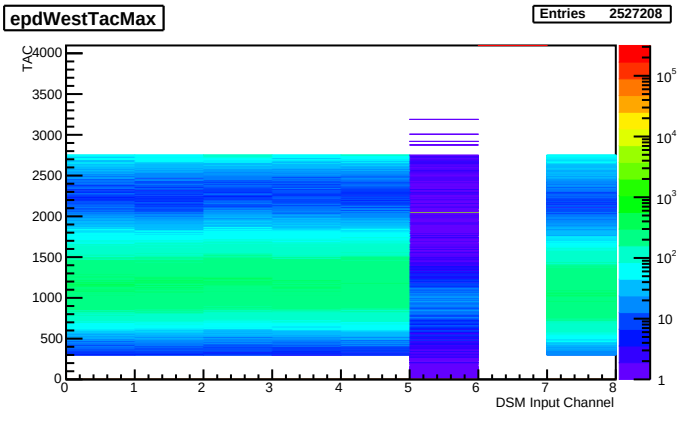

bbcSmallWestTacMaxVsSimu
Entries 266031
Data
Simu

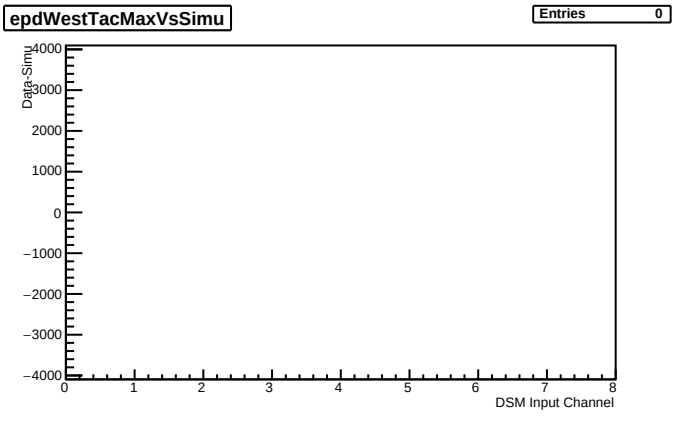

epdEastTacMax
Entries 2527208
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2527208
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2527208
TAC
DSM Input Channel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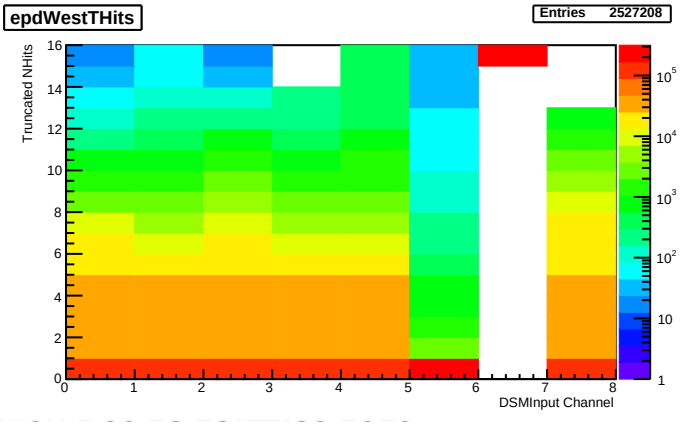
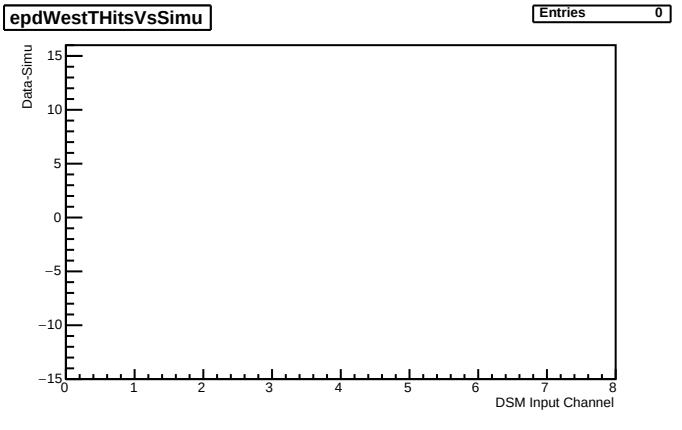
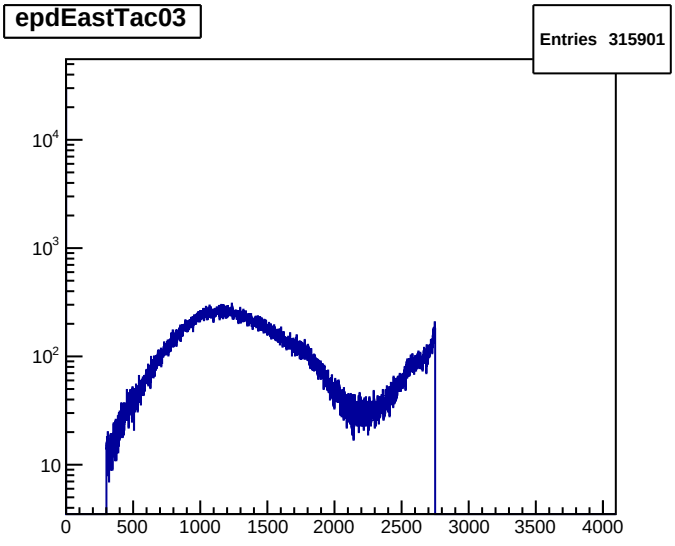
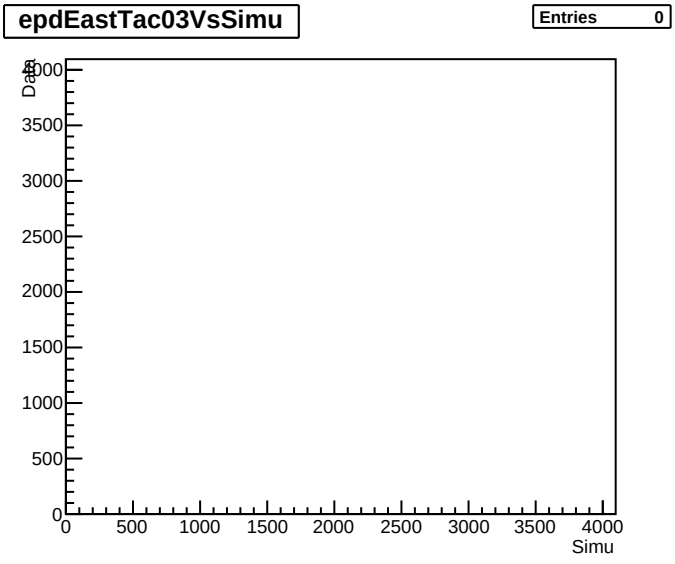
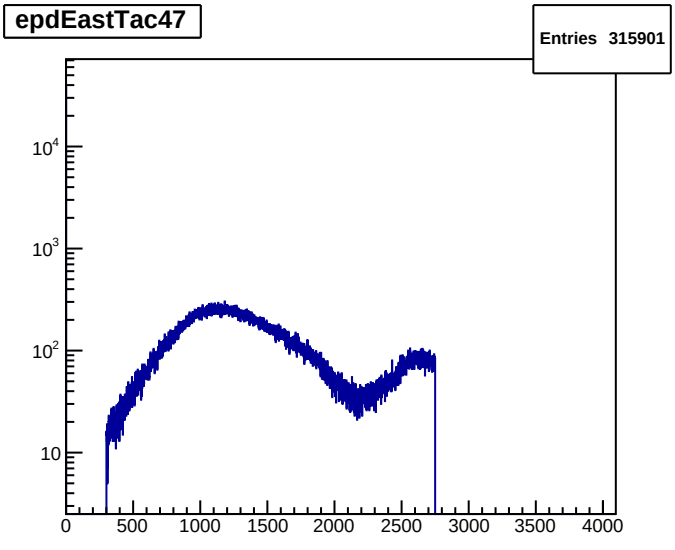
Entries 0
Data-Simu
DSM Input Channel

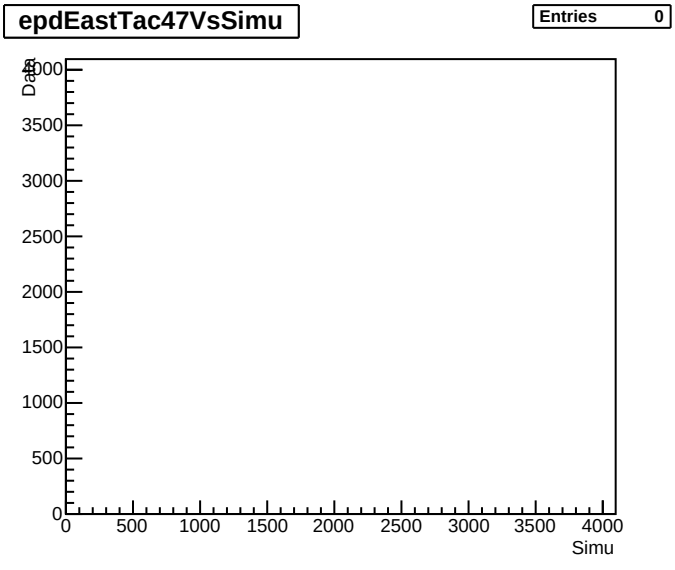

epdWestTHits
Entries 2527208
Truncated NHits
DSMInput Channel

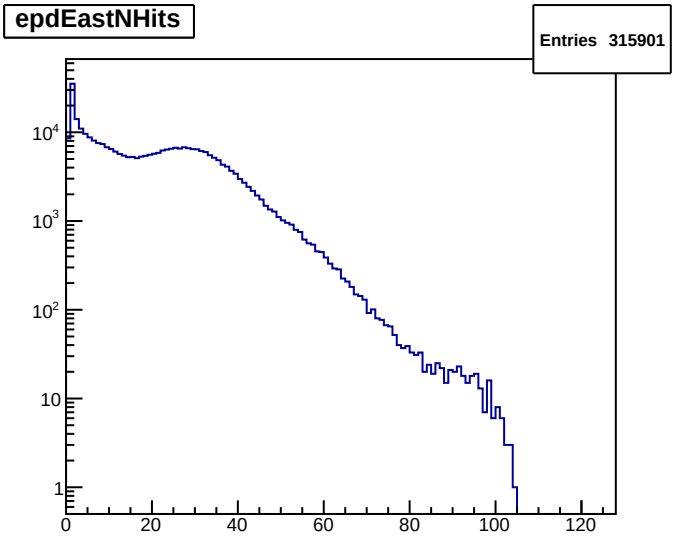

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

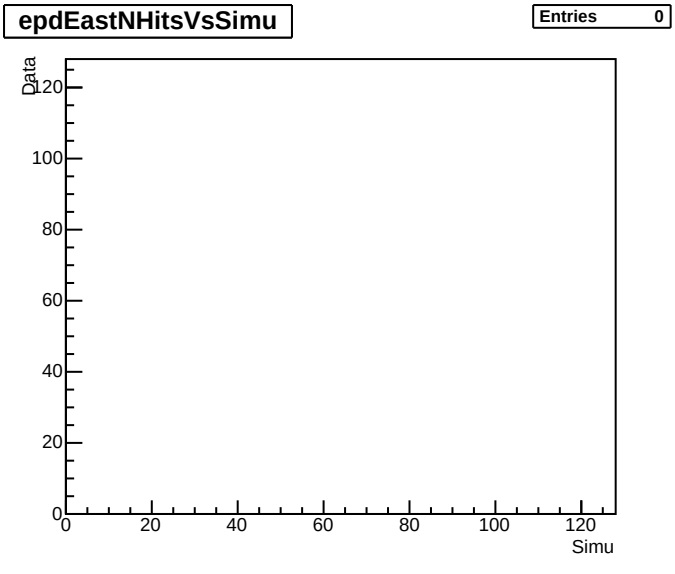

epdEastTac03
Entries 315901


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 315901


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 315901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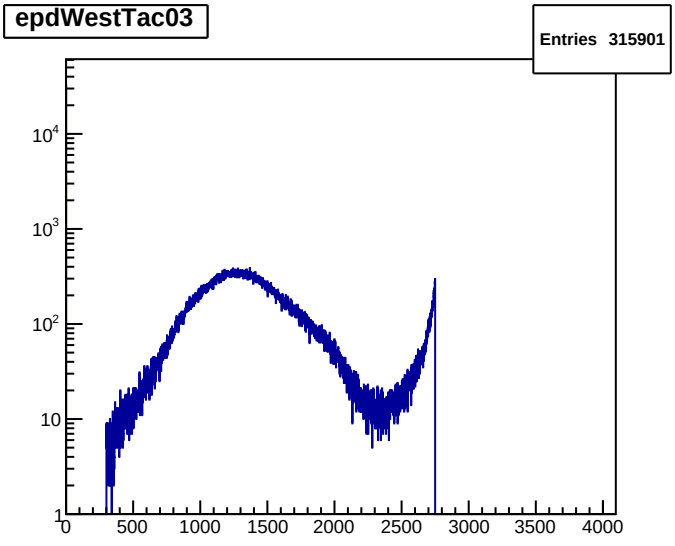
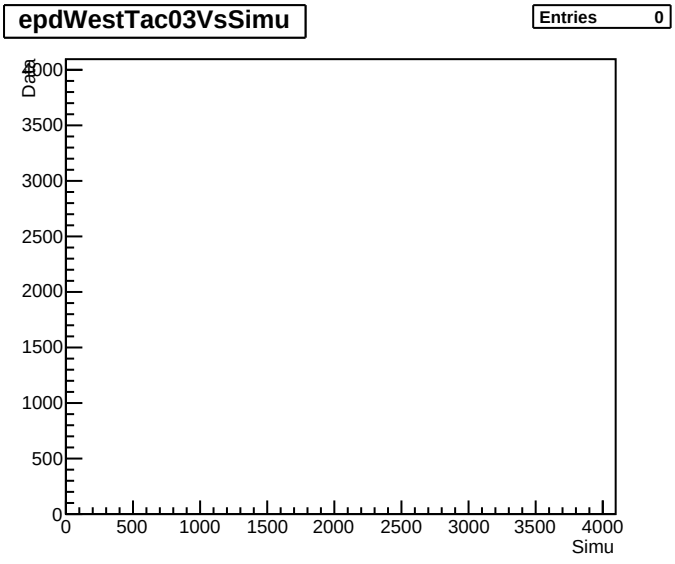
Entries 0
Data
Simu


epdWestTac03
Entries 315901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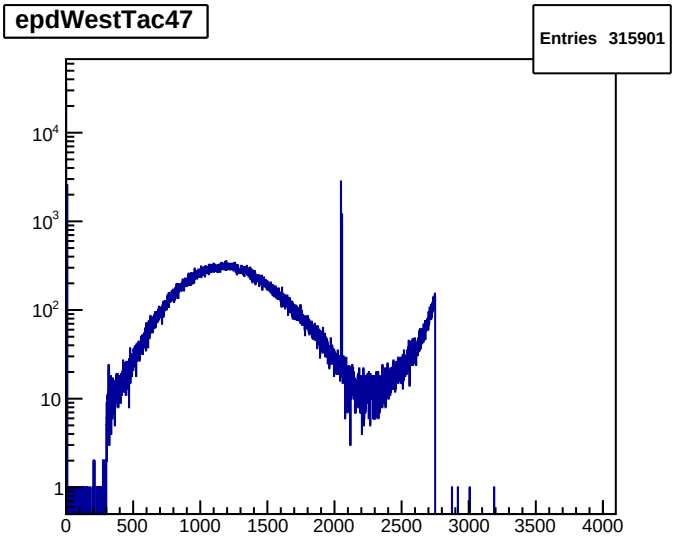
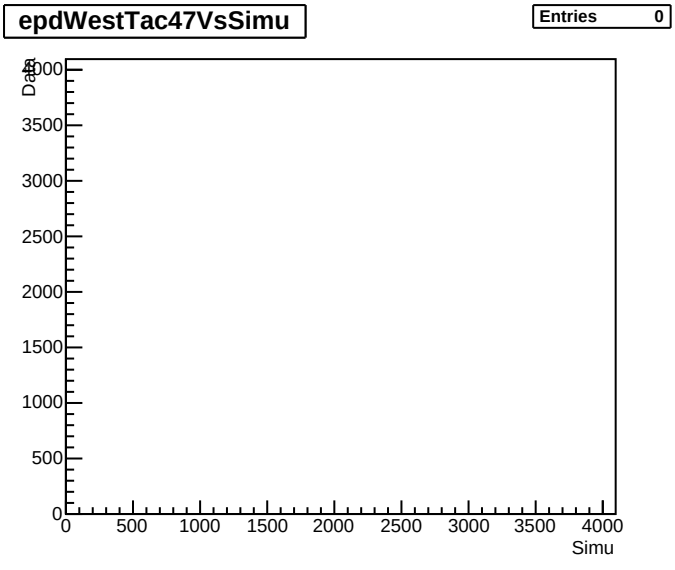
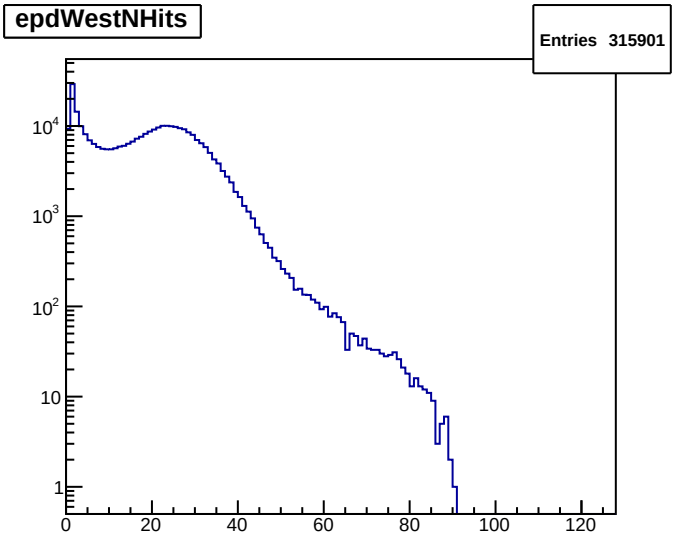
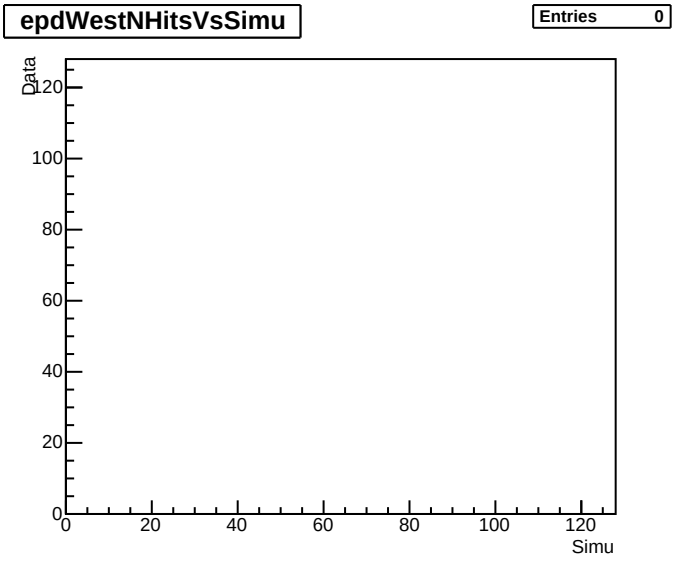
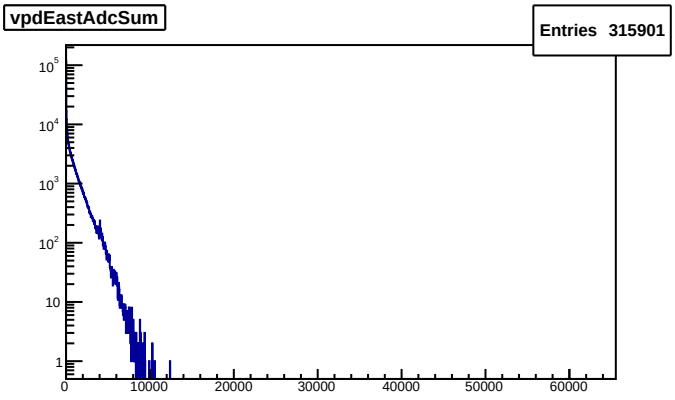
Entries 0
Data
Simu

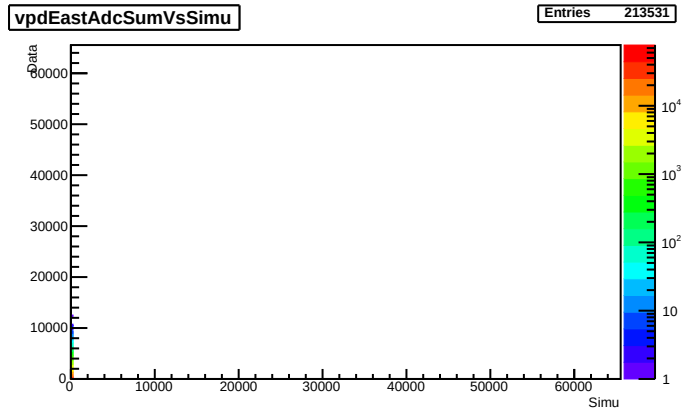

epdWestTac47
Entries 315901

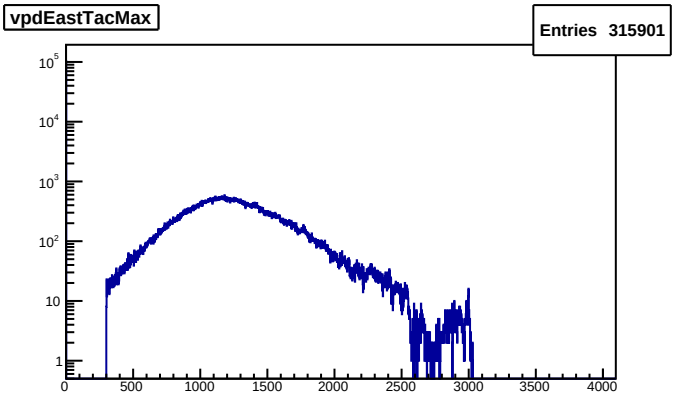

epdWestTac47VsSimu
Entries 0
Data
Simu

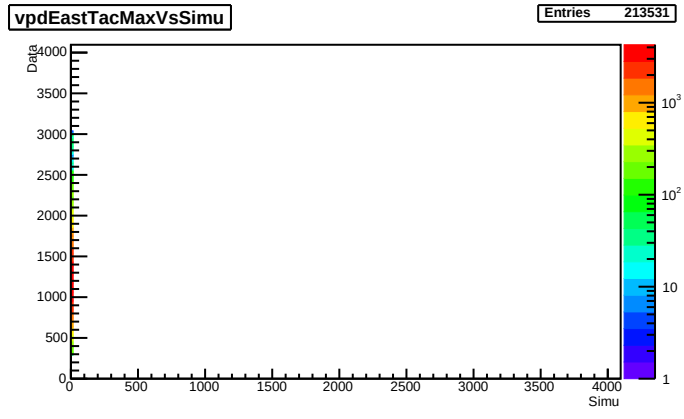

epdWestNHits
Entries 315901

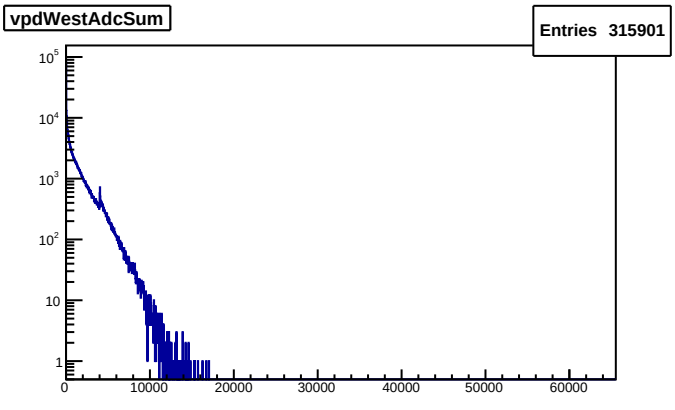

epdWestNHitsVsSimu
Entries 0
Data
Simu

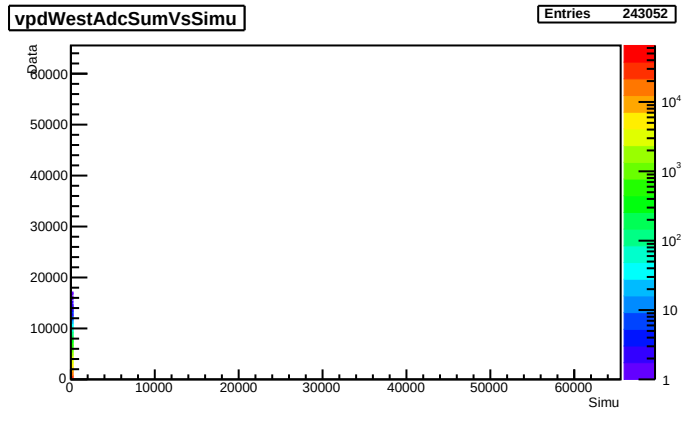

vpdEastAdcSum
Entries 315901

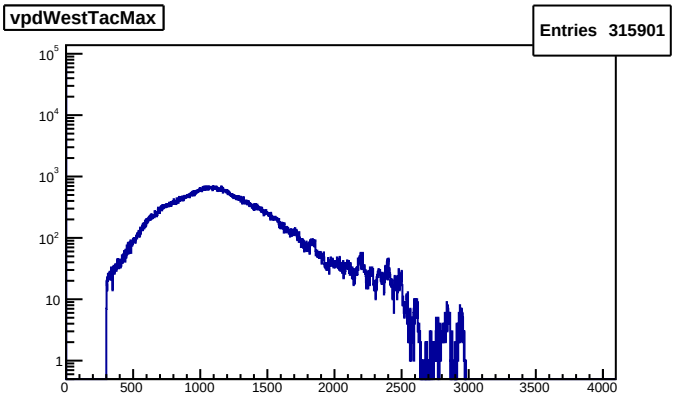

vpdEastAdcSumVsSimu
Entries 213531
Data
Simu

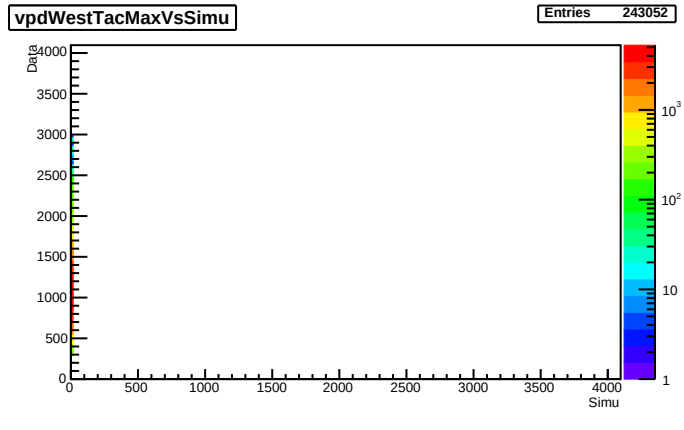

vpdEastTacMax
Entries 315901

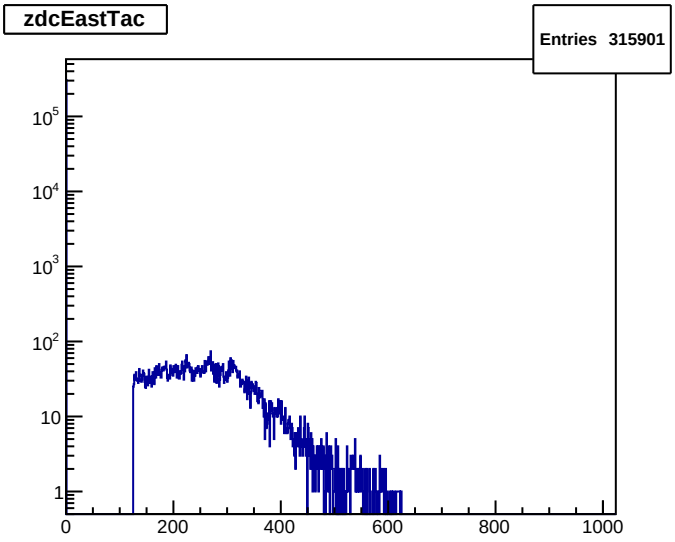

vpdEastTacMaxVsSimu
Entries 213531
Data
Simu

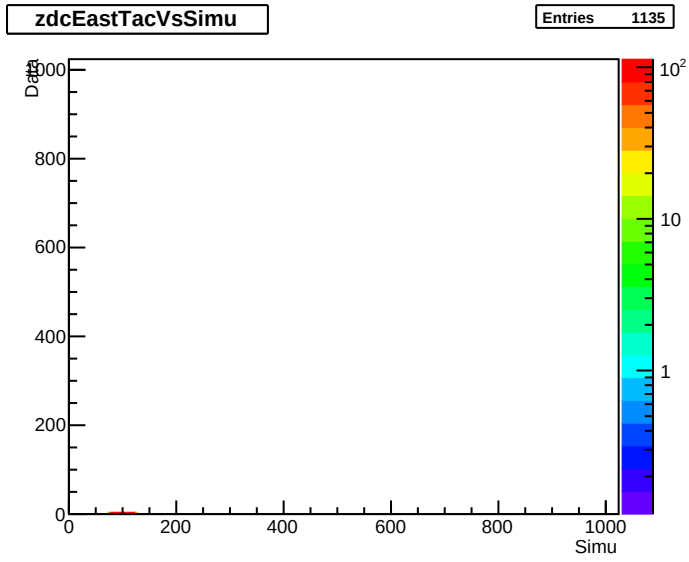

vpdWestAdcSum
Entries 315901

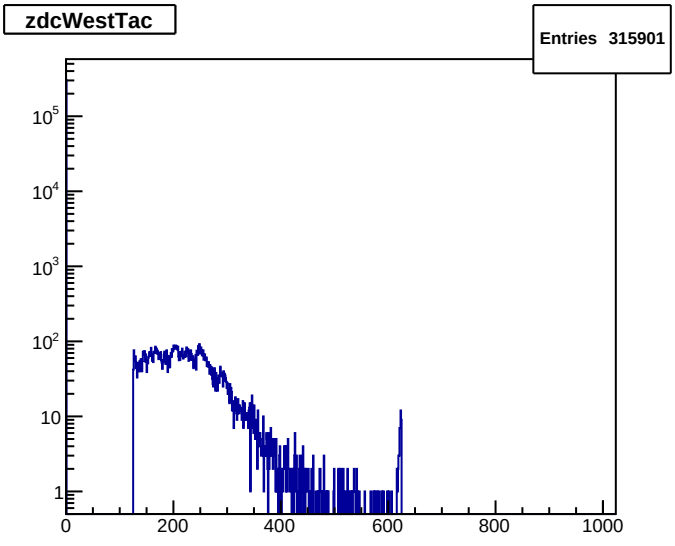

vpdWestAdcSumVsSimu
Entries 243052
Data
Simu

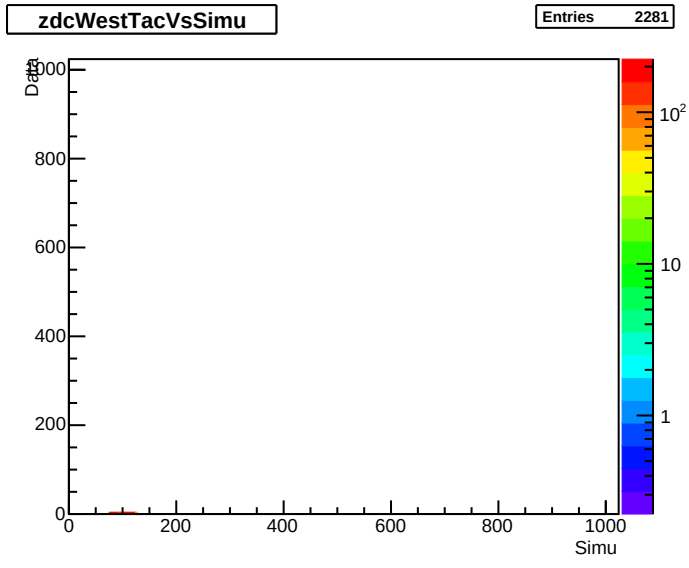

vpdWestTacMax
Entries 315901

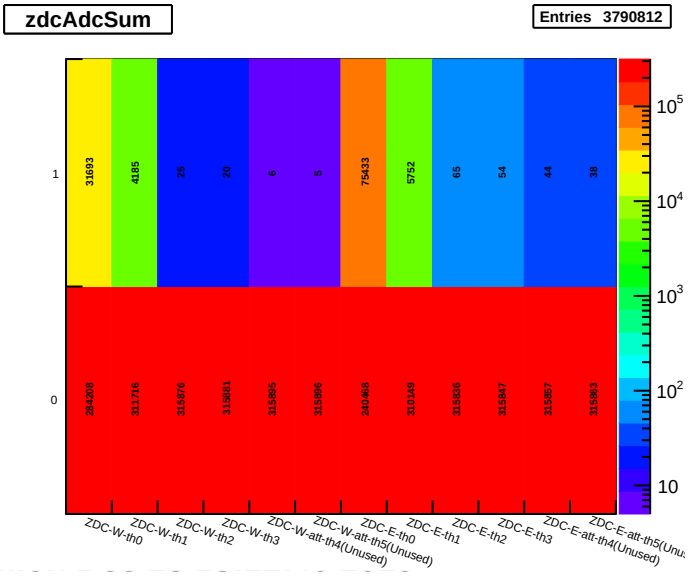

vpdWestTacMaxVsSimu
Entries 243052
Data
Simu

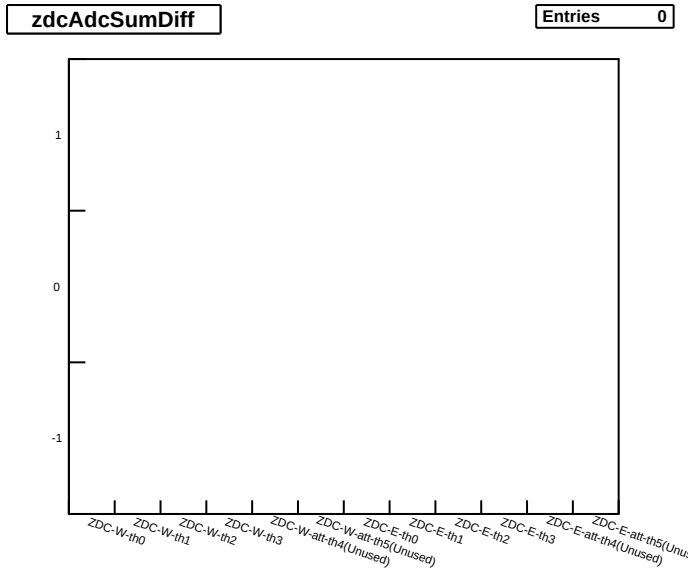

zdcEastTac
Entries 315901

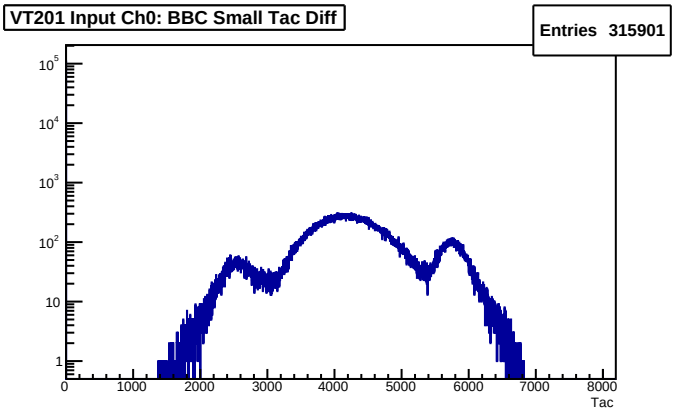

zdcEastTacVsSimu
Entries 1135
Data
Simu

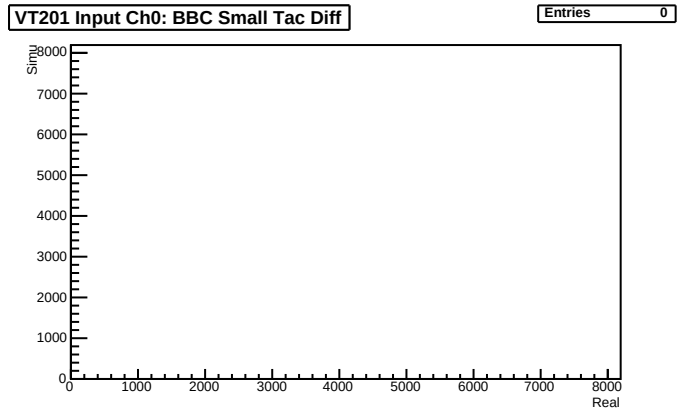

zdcWestTac
Entries 315901

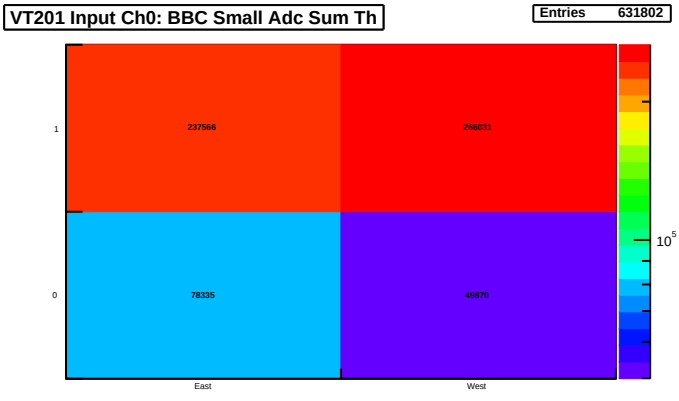

zdcWestTacVsSimu
Entries 2281
Data
Simu

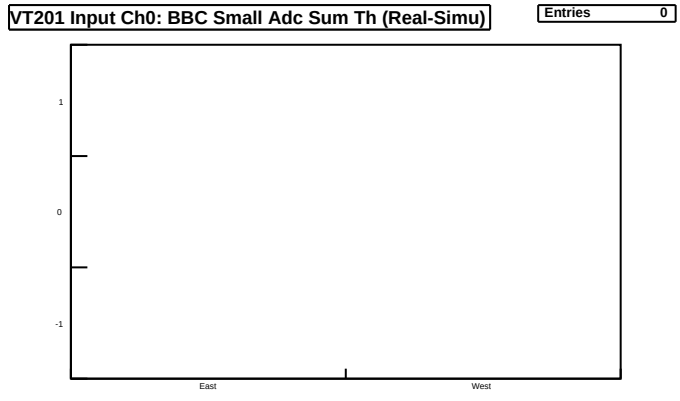

zdcAdcSum
Entries 3790812
31693
4185
25
20
6
5
75433
5752
65
54
44
38
284208
311716
315876
315881
315895
315896
240468
310149
315836
315847
315857
315863
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

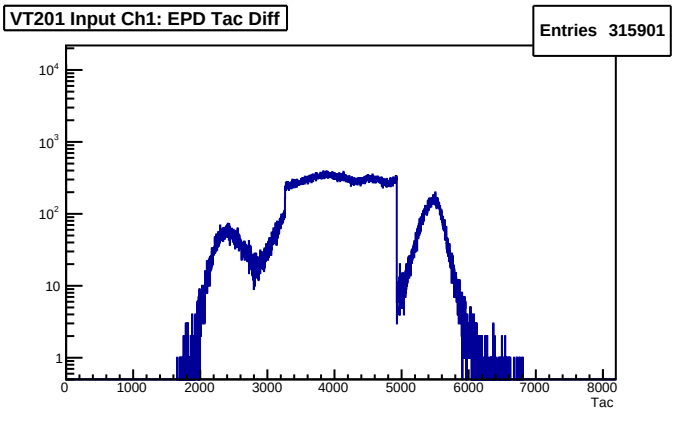

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

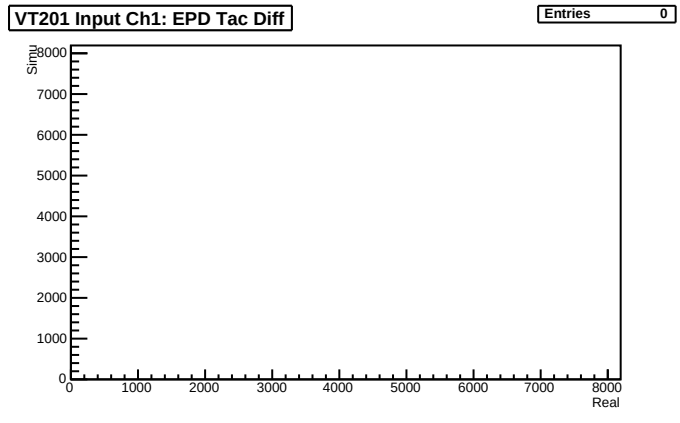

VT201 Input Ch0: BBC Small Tac Diff
Entries 315901
Tac

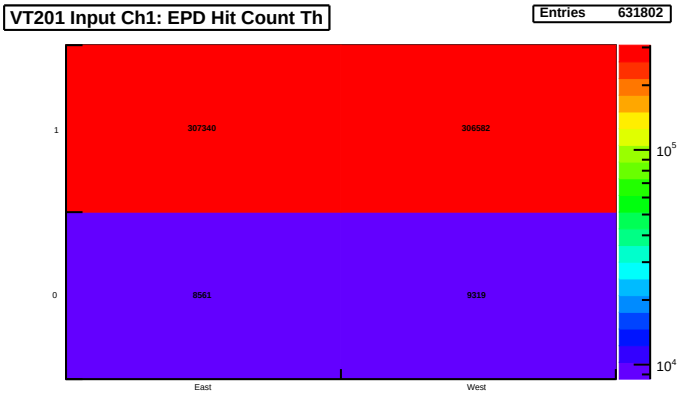

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

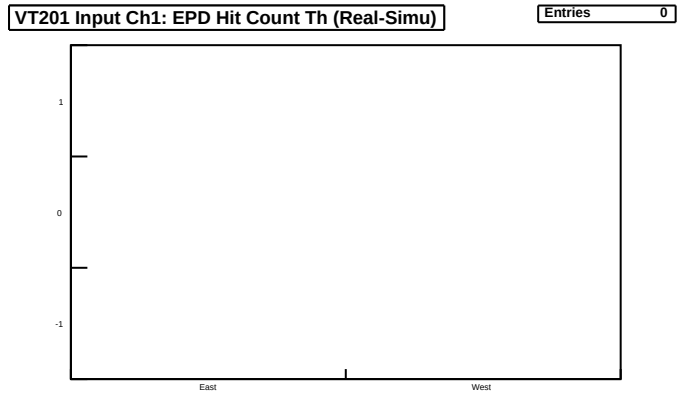

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 631802
237566
266031
78335
49870
East
West

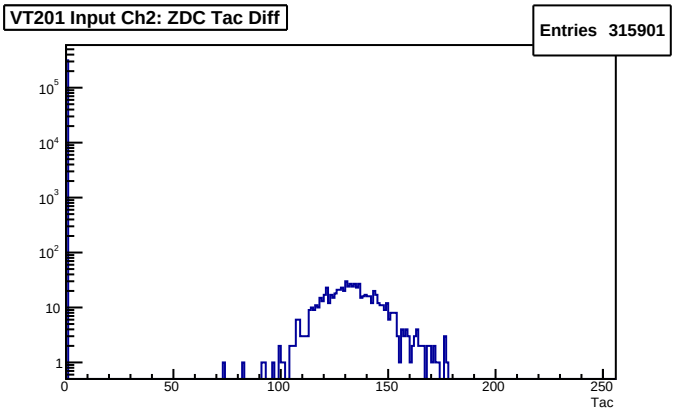

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

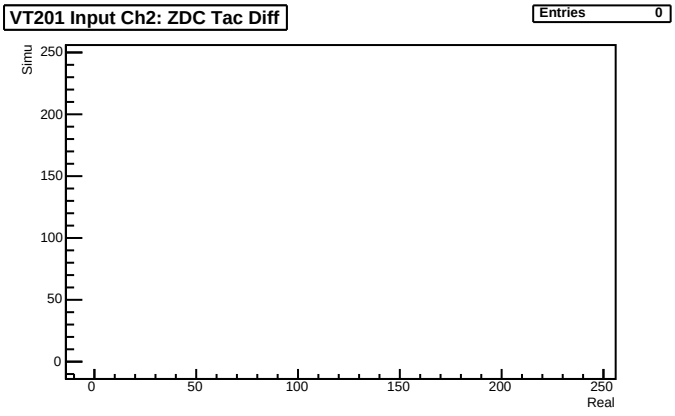

VT201 Input Ch1: EPD Tac Diff
Entries 315901
Tac

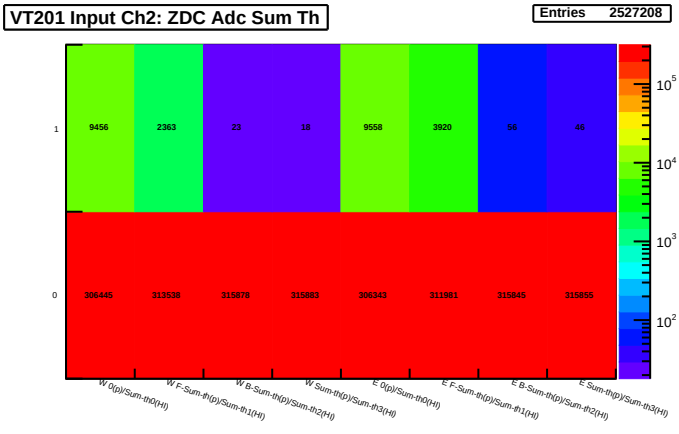

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

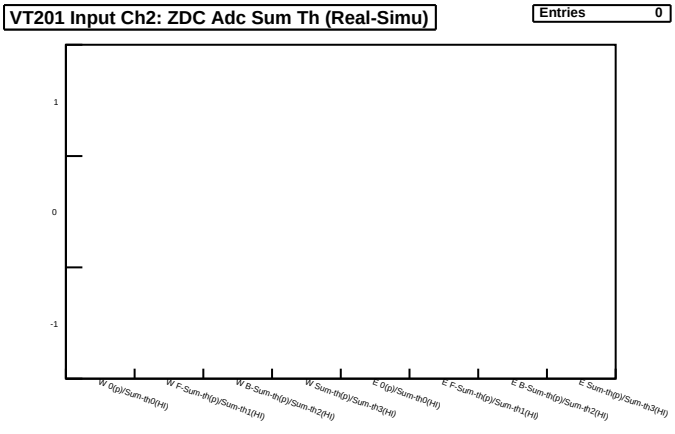

VT201 Input Ch1: EPD Hit Count Th
Entries 631802
307340
306582
8581
9319
East
West

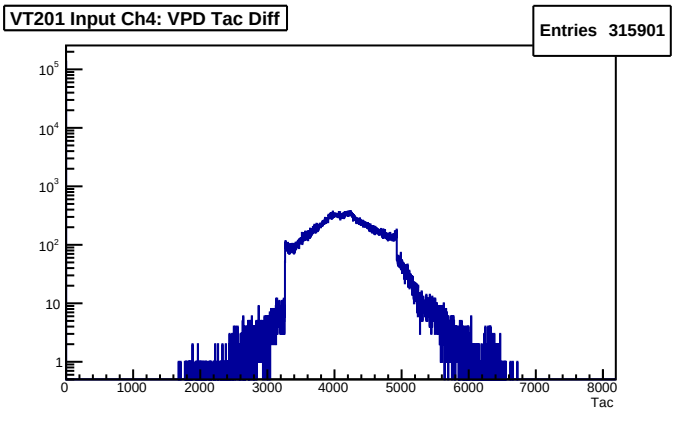

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

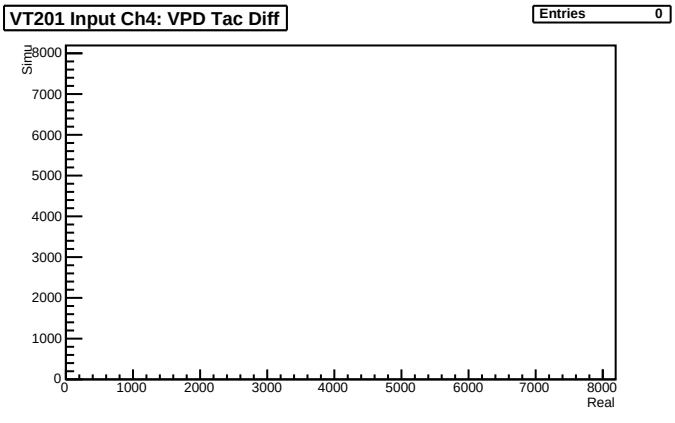

VT201 Input Ch2: ZDC Tac Diff
Entries 315901
Tac

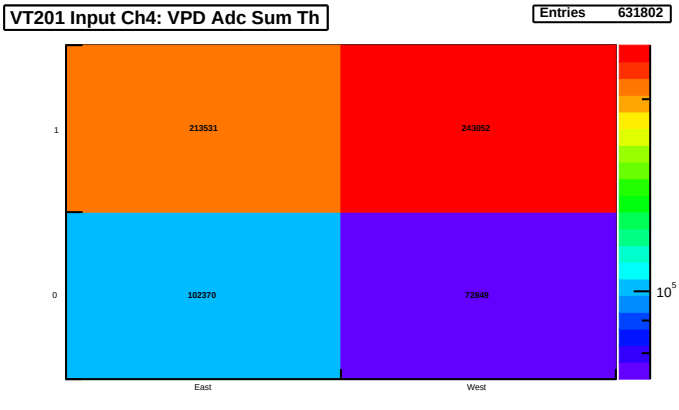

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

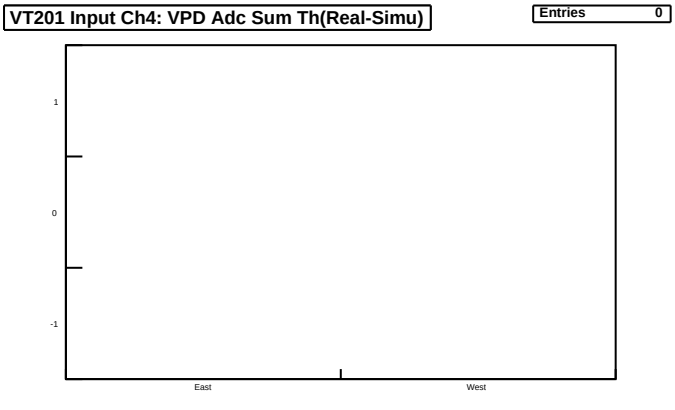

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2527208
9456
2363
23
18
9558
3920
56
46
306445
313538
315878
315883
306343
311981
315845
315855
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

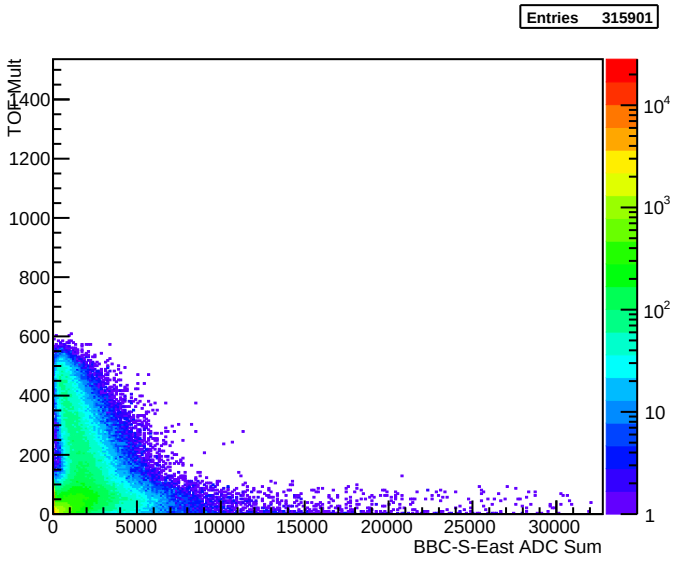

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

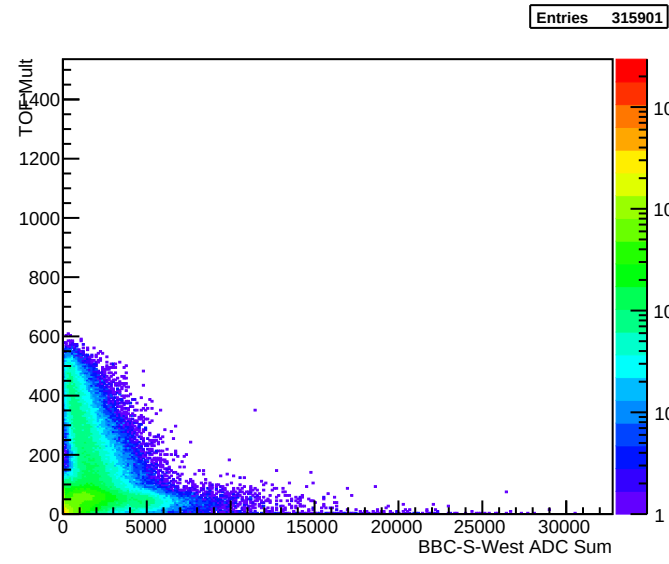

VT201 Input Ch4: VPD Tac Diff
Entries 315901
Tac

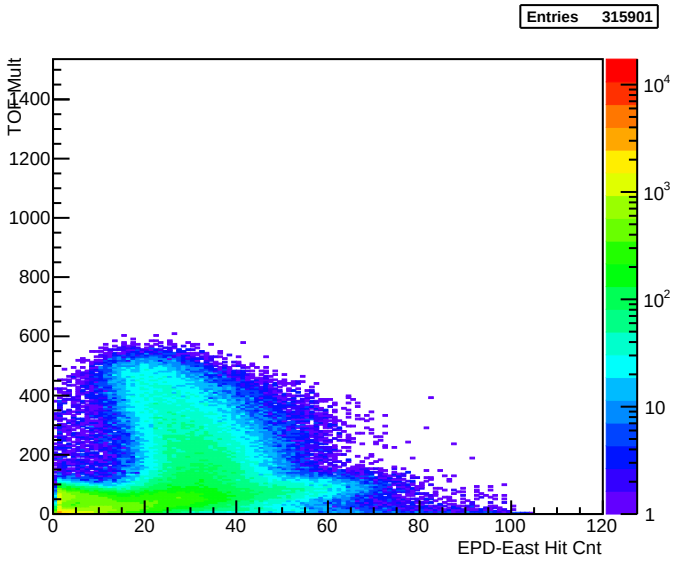

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

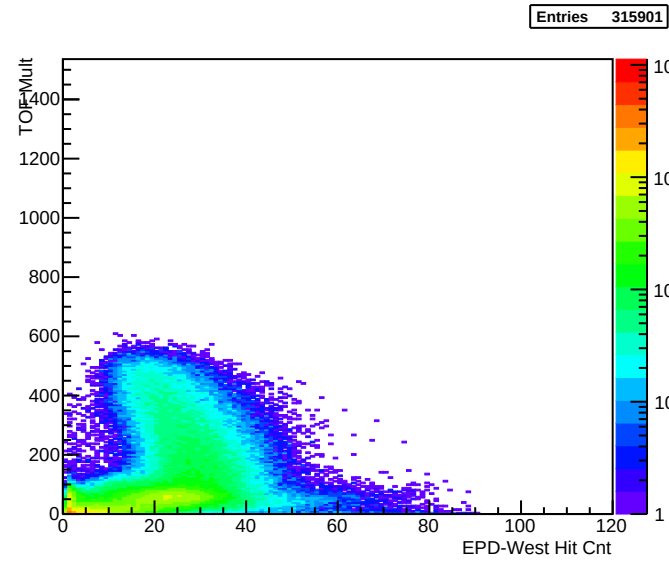

VT201 Input Ch4: VPD Adc Sum Th
Entries 631802
213531
243052
102370
72849
East
West

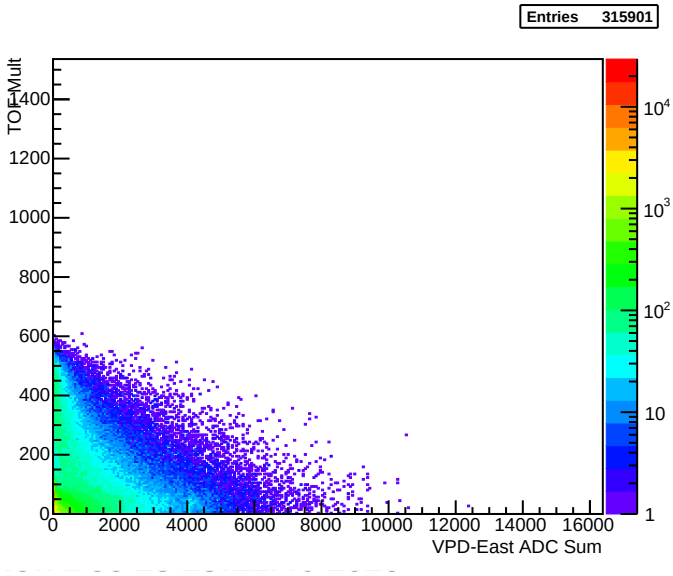

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

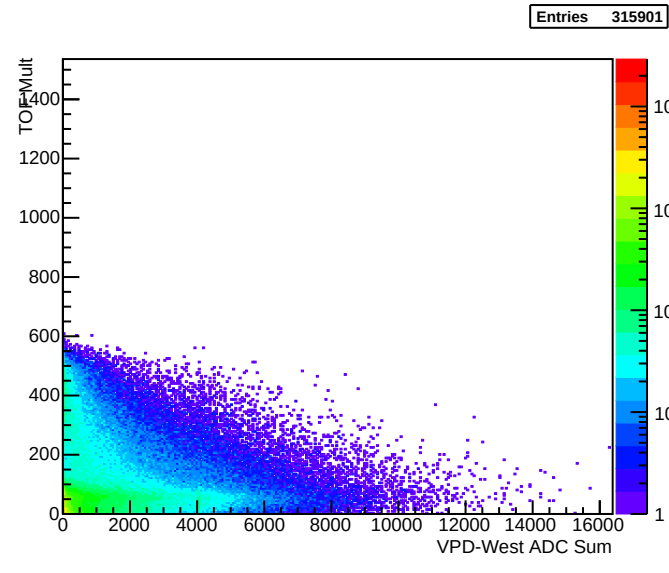

Entries 315901
TOF-Mult
BBC-S-East ADC Sum

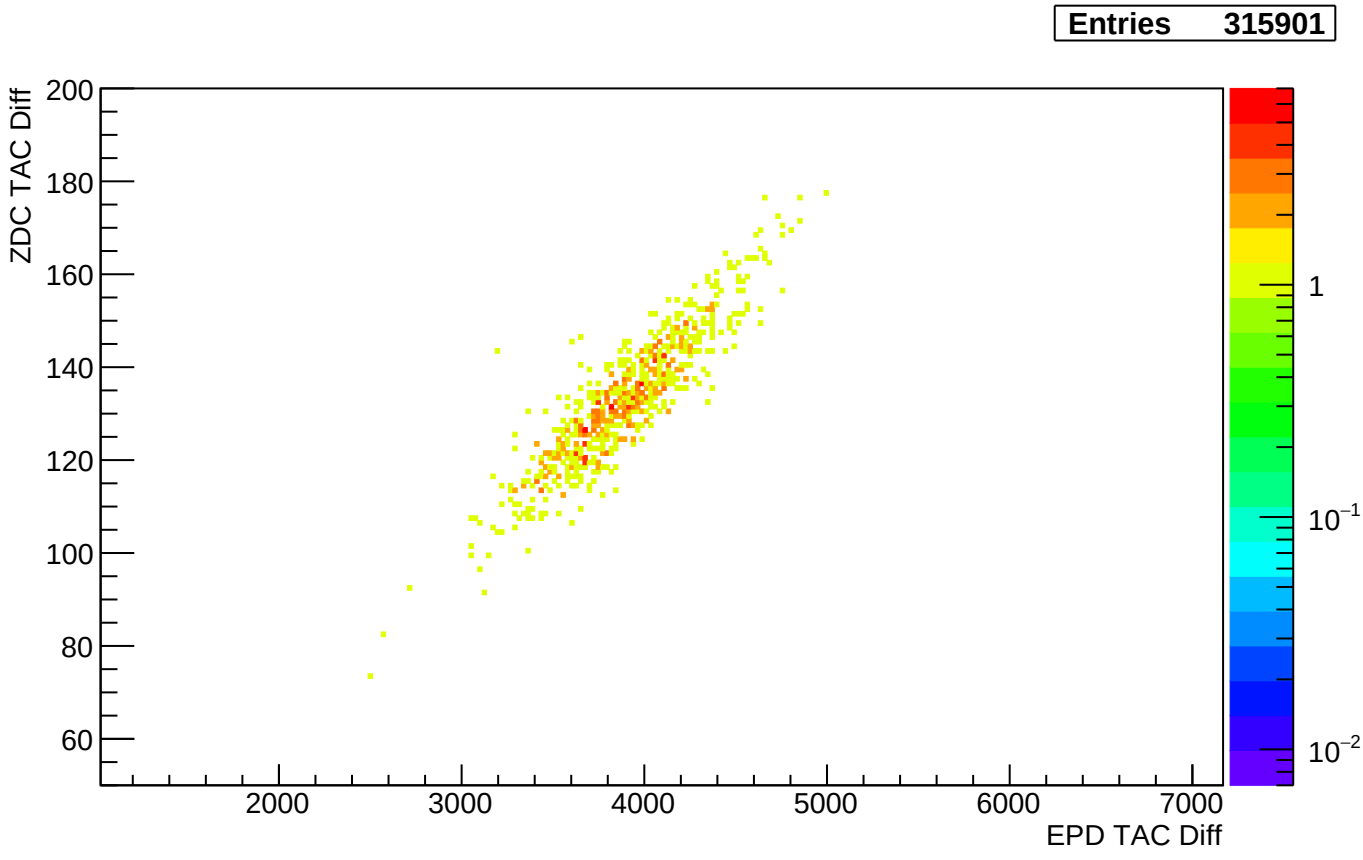

Entries 315901
TOF-Mult
BBC-S-West ADC Sum

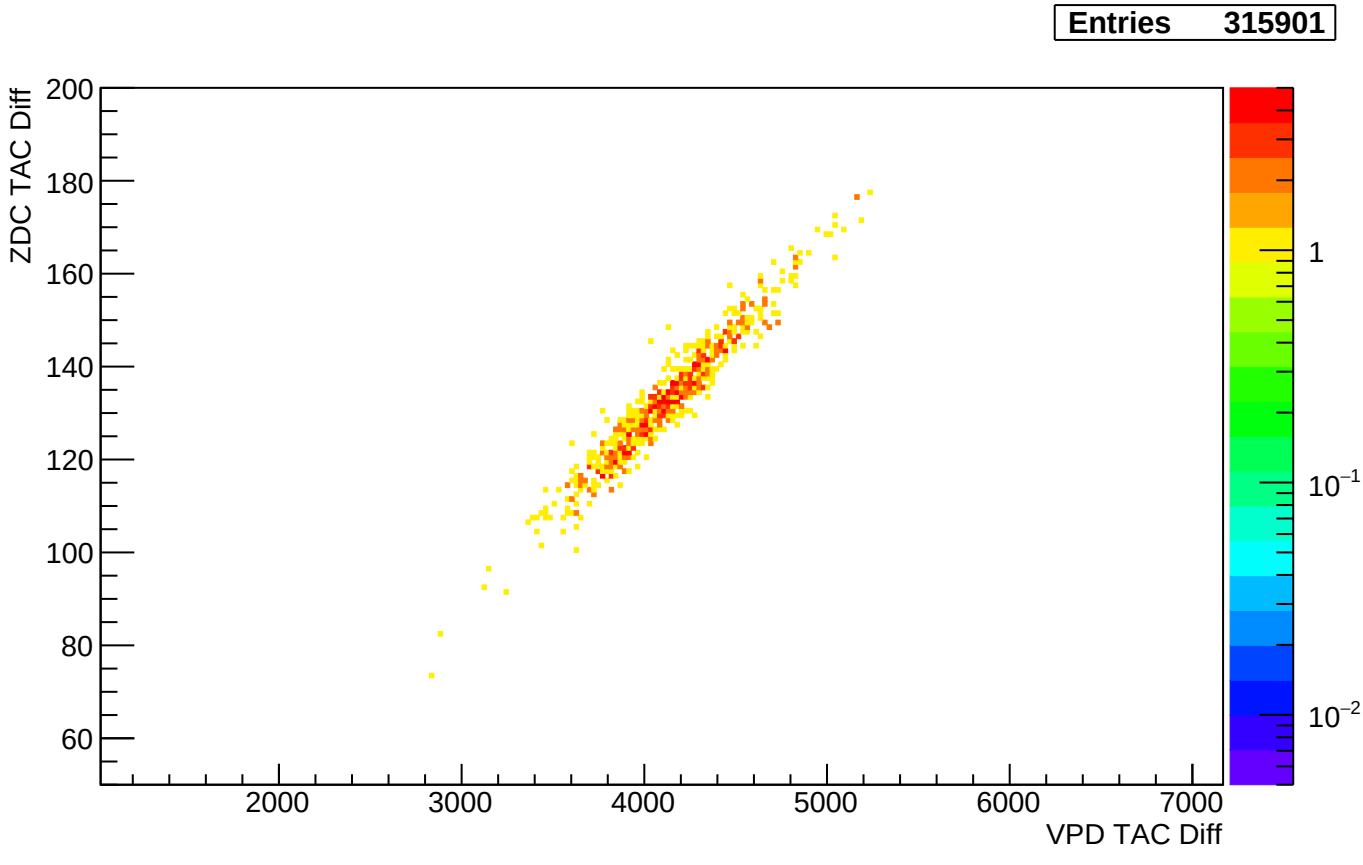

Entries 315901
TOF-Mult
EPD-East Hit Cnt

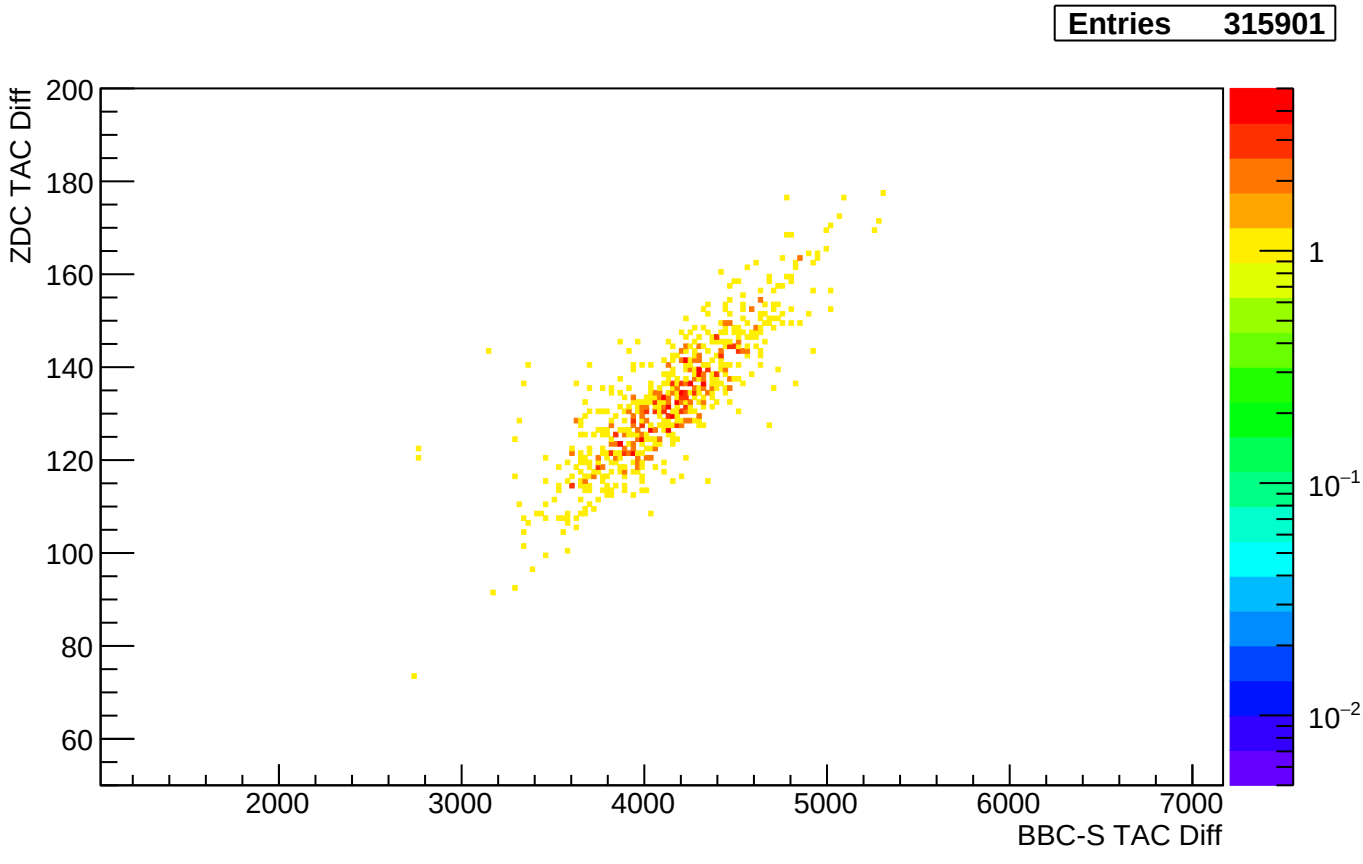

Entries 315901
TOF-Mult
EPD-West Hit Cnt

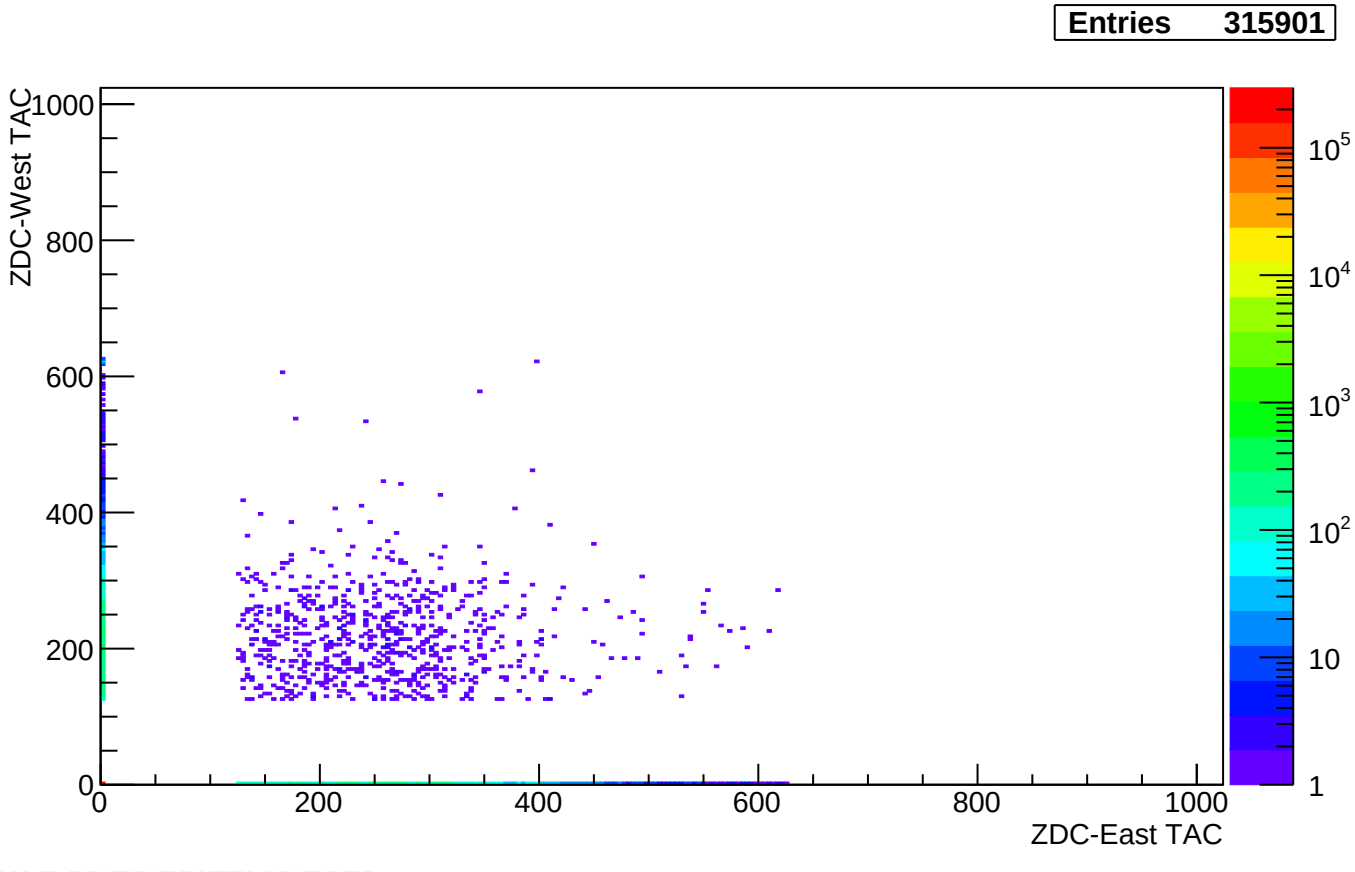

Entries 315901
TOF-Mult
VPD-East ADC Sum

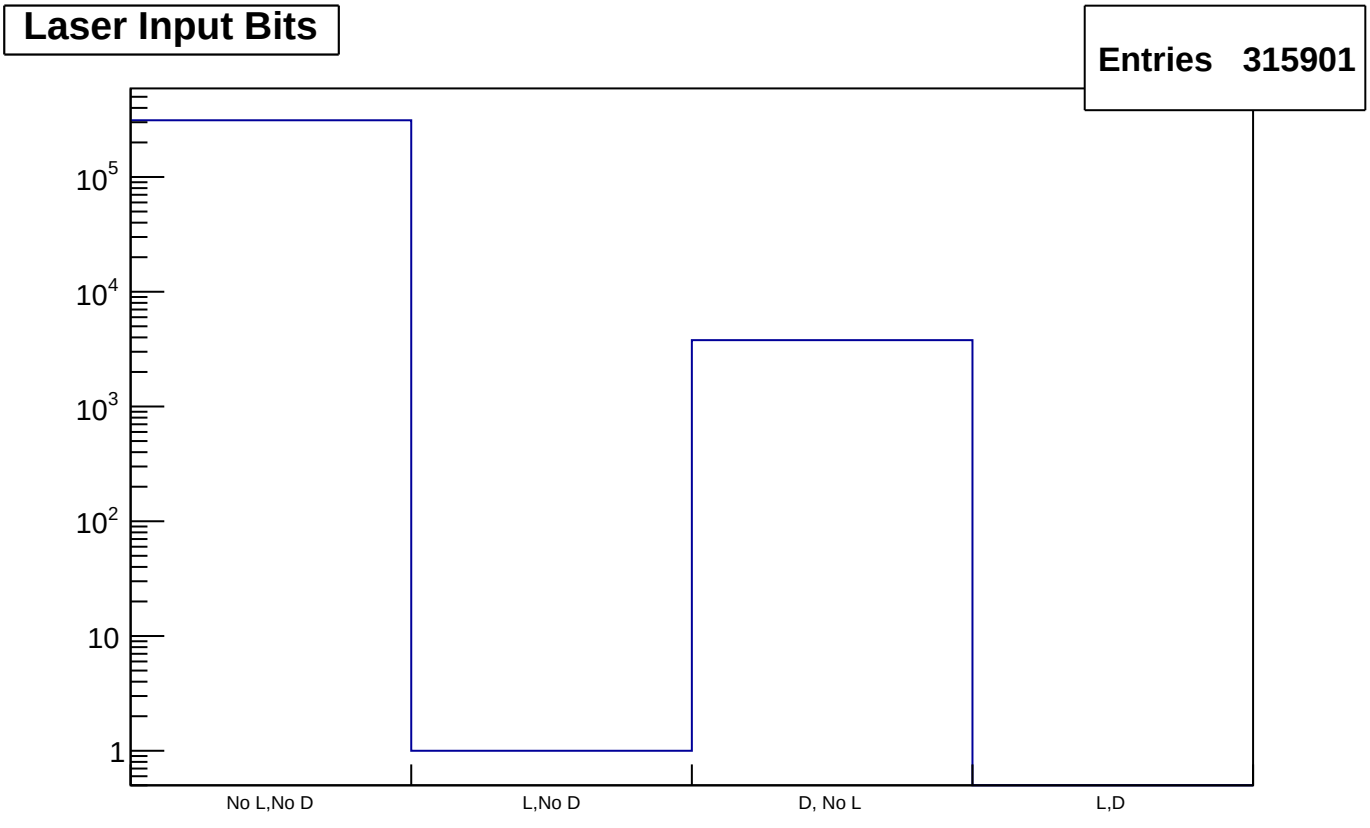

Entries 315901
TOF-Mult
VPD-West ADC Sum

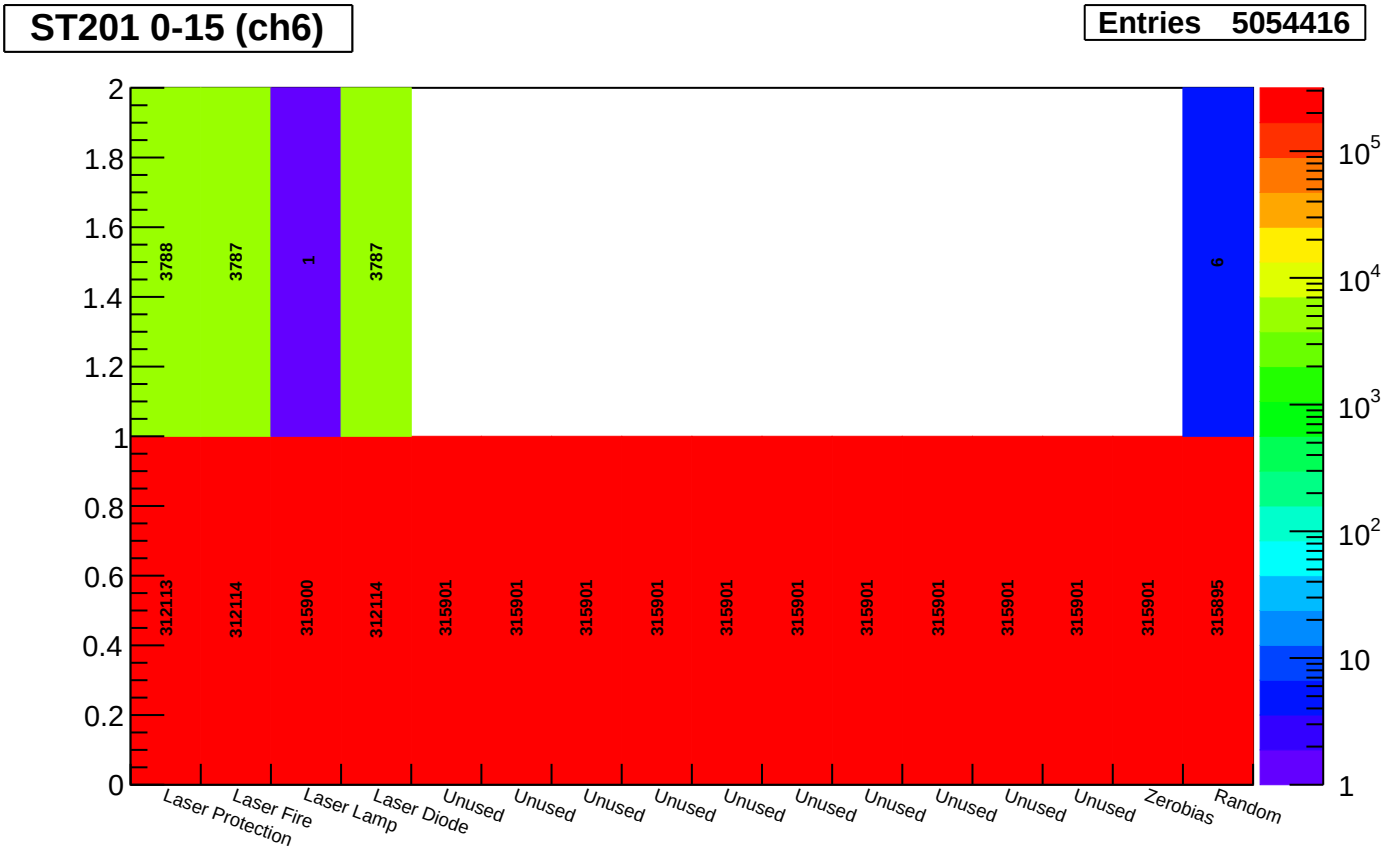

Entries 315901
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 315901
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 315901
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}

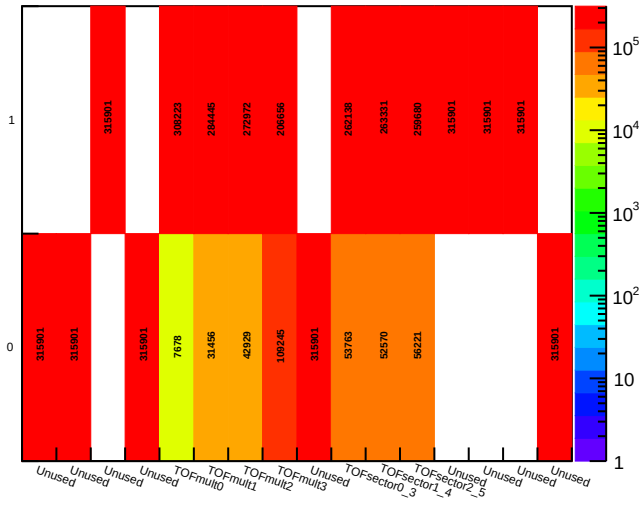

Entries 315901
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1


Laser Input Bits
Entries 315901
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 5054416
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3788
3787
1
3787
6
312113
312114
315900
312114
315901
315901
315901
315901
315901
315901
315901
315901
315901
315901
315901
315895
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

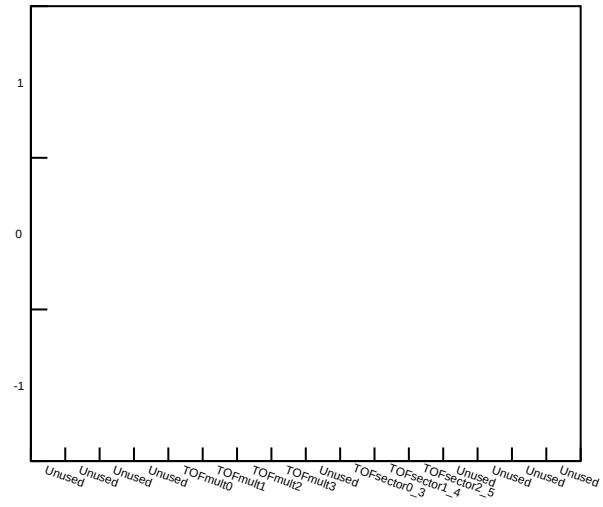
TF201 0-15 (ch0)

Entries 5054416



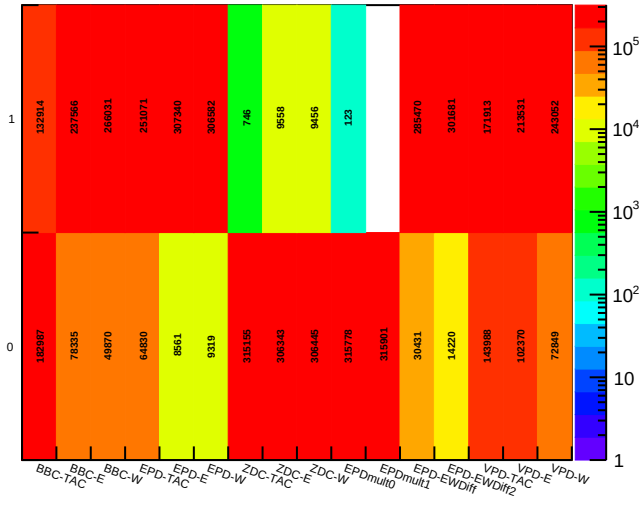
TF201 0-15 (ch0)

Entries 0



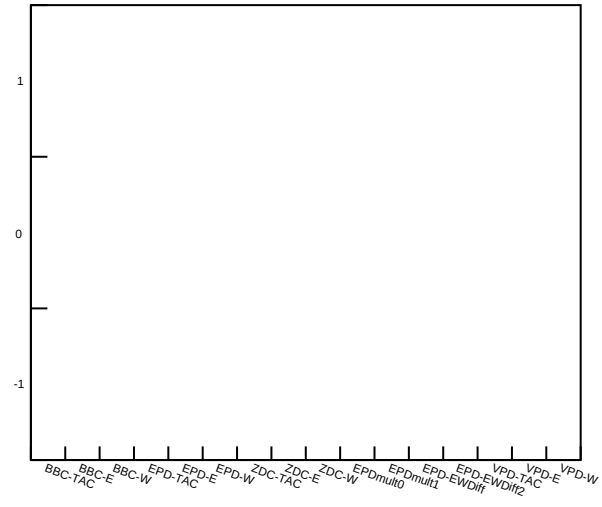
VT201 0-15 (ch1)

Entries 5054416



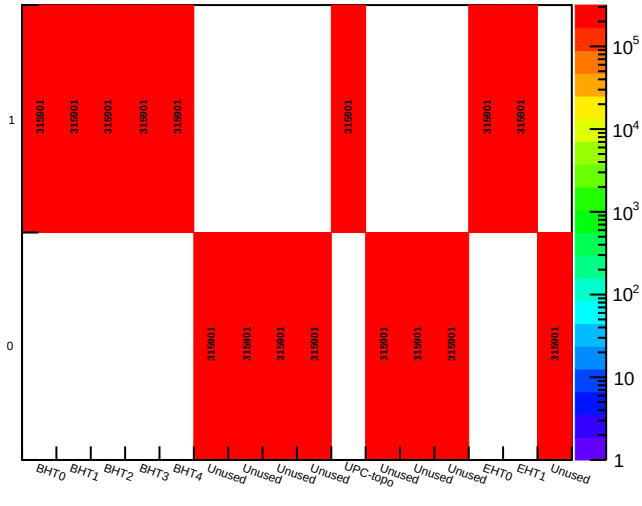
VT201 0-15 (ch1)

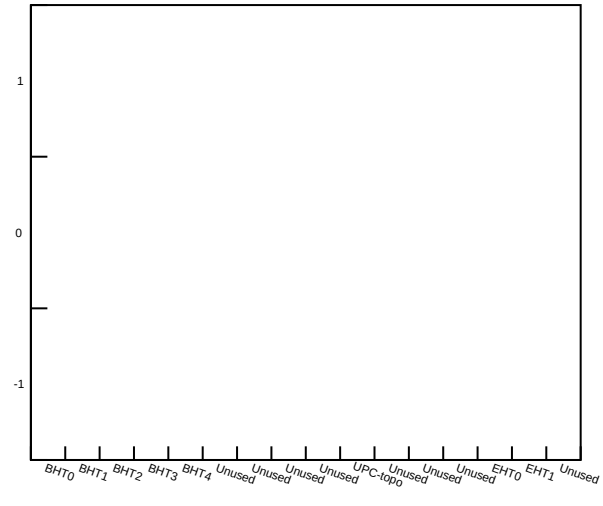
Entries 0



EM201 0-15 (ch3)

Entries 5054416



EM201 0-15 (ch3)

Entries 0