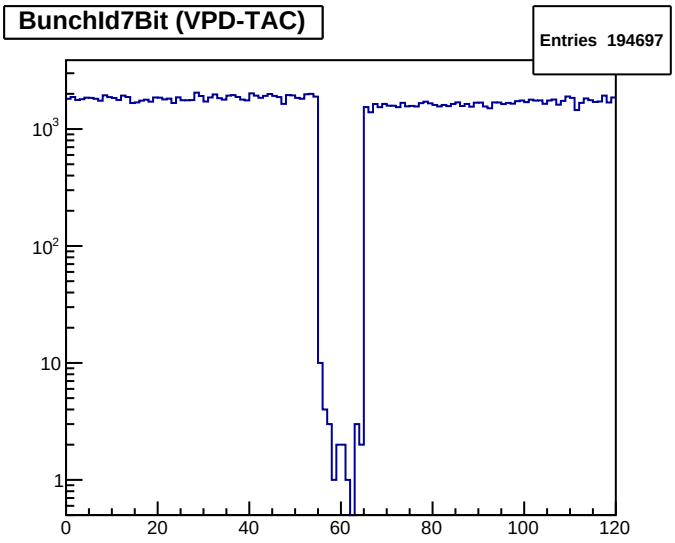
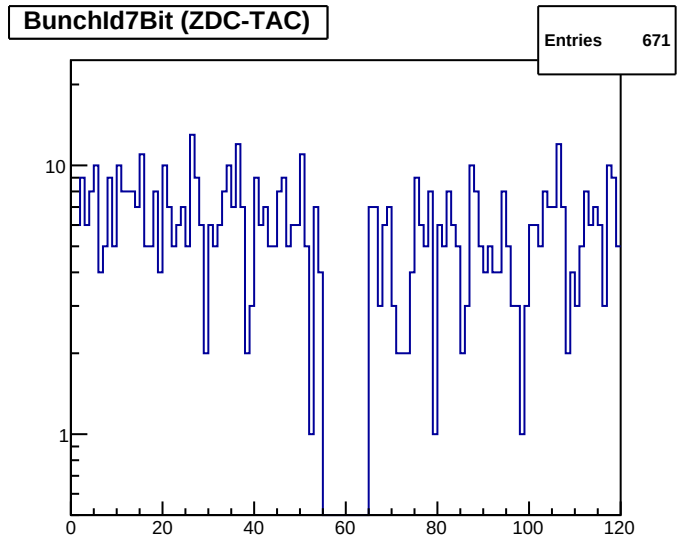
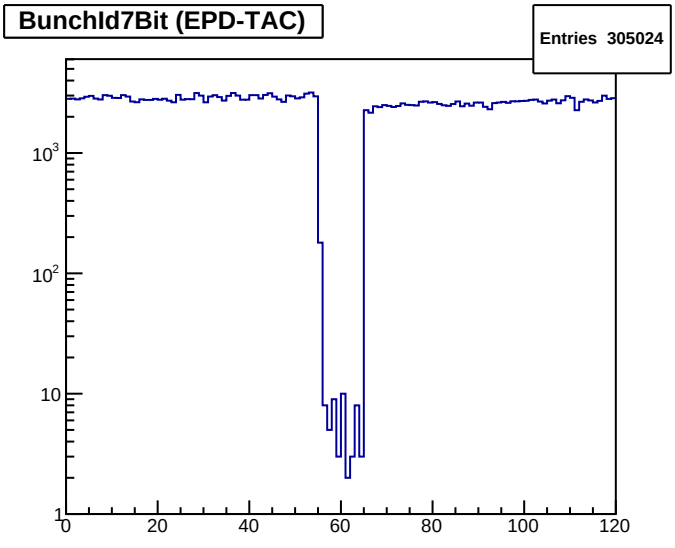
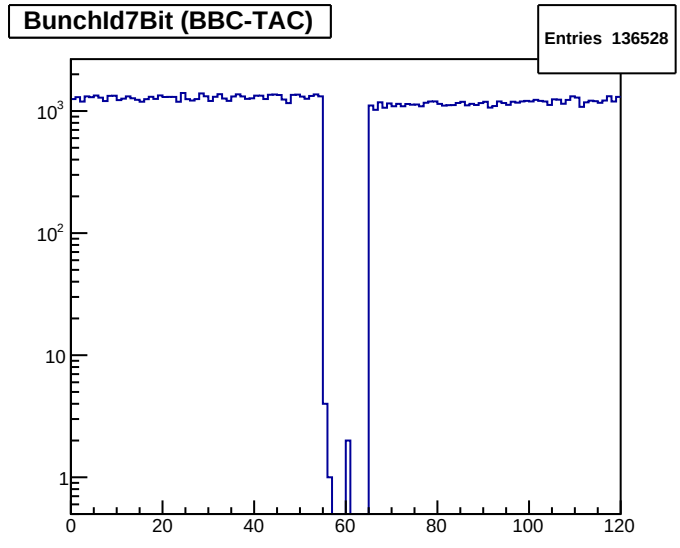
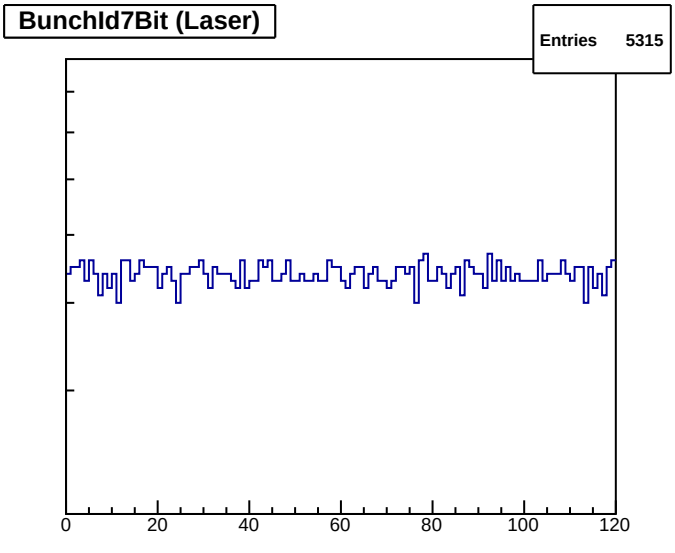
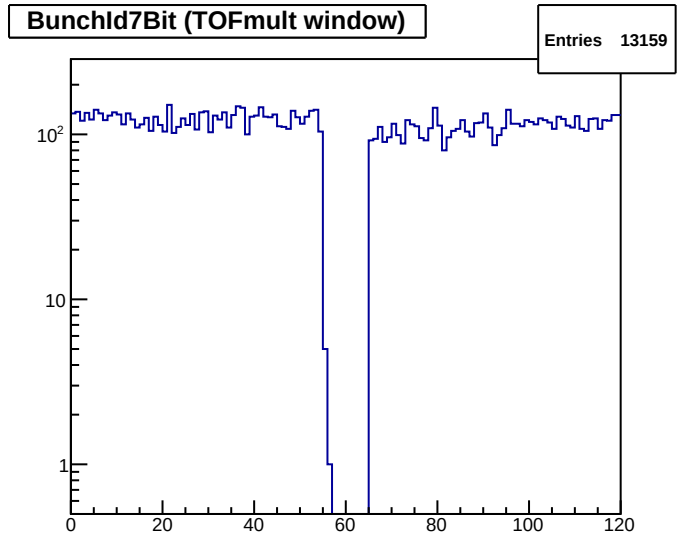

BunchId7Bit (VPD-TAC)
Entries 194697

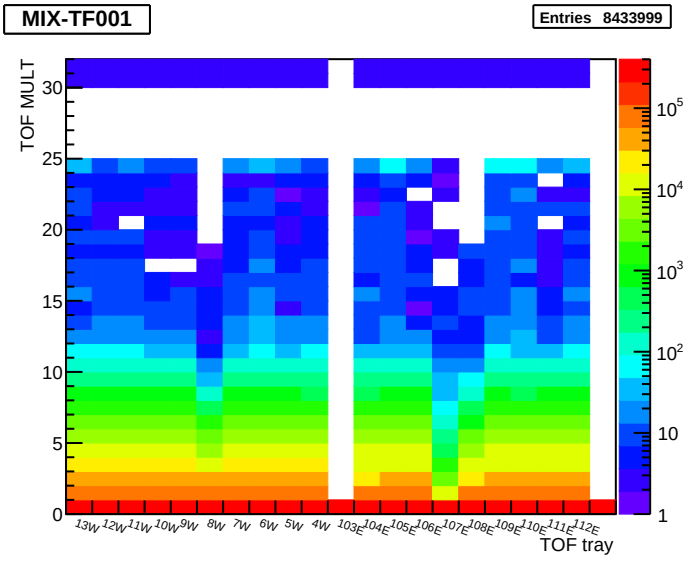

BunchId7Bit (ZDC-TAC)
Entries 671

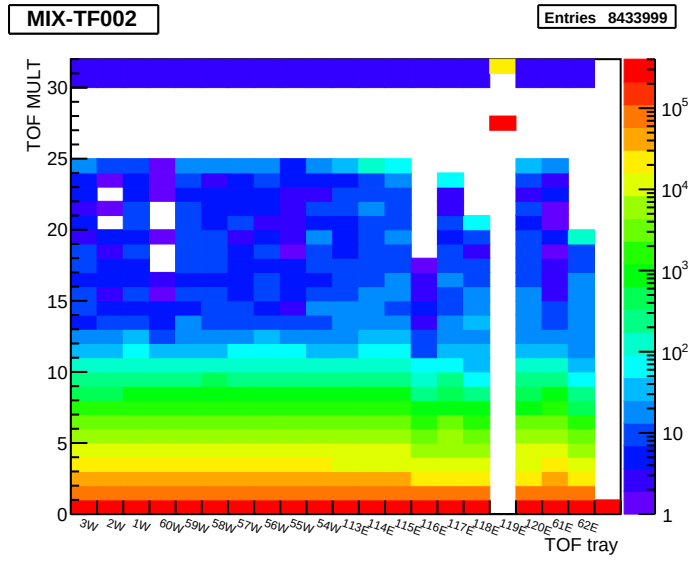

BunchId7Bit (EPD-TAC)
Entries 305024

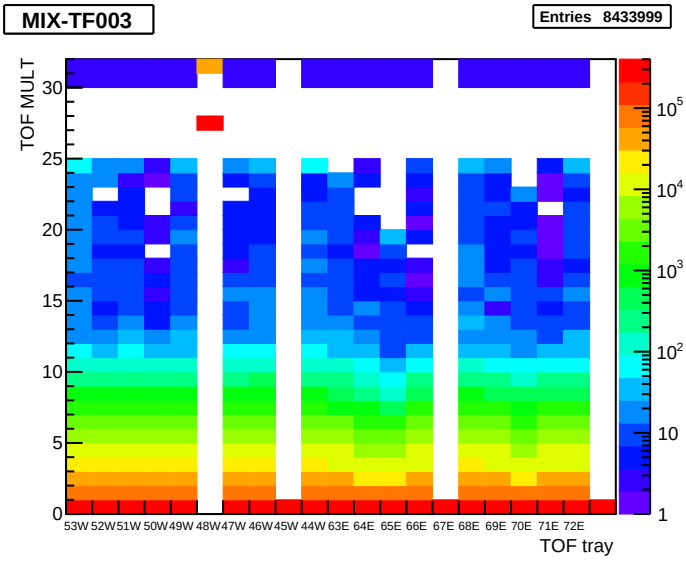

BunchId7Bit (BBC-TAC)
Entries 136528

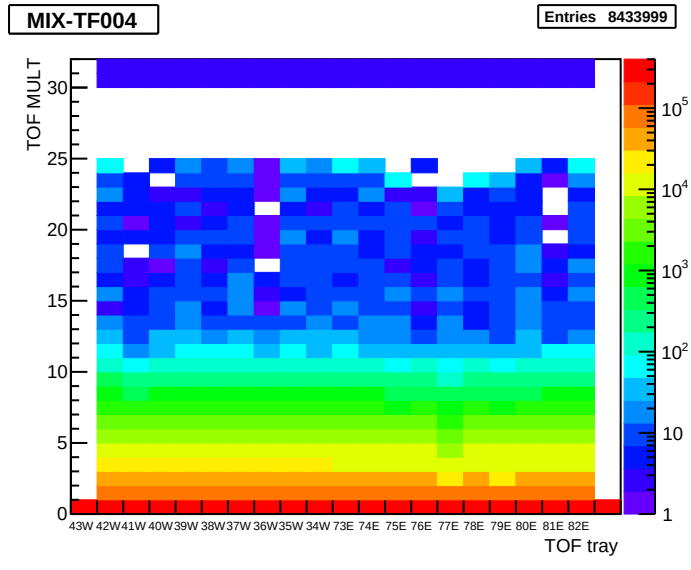

BunchId7Bit (Laser)
Entries 5315

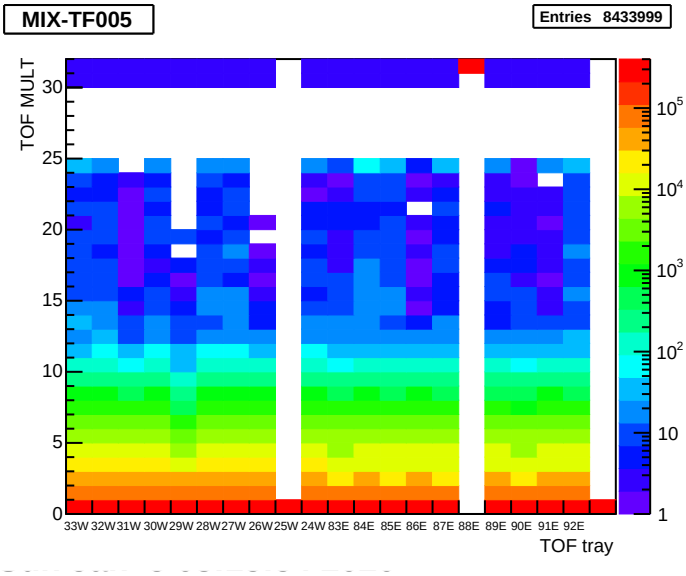

BunchId7Bit (TOFmult window)
Entries 13159

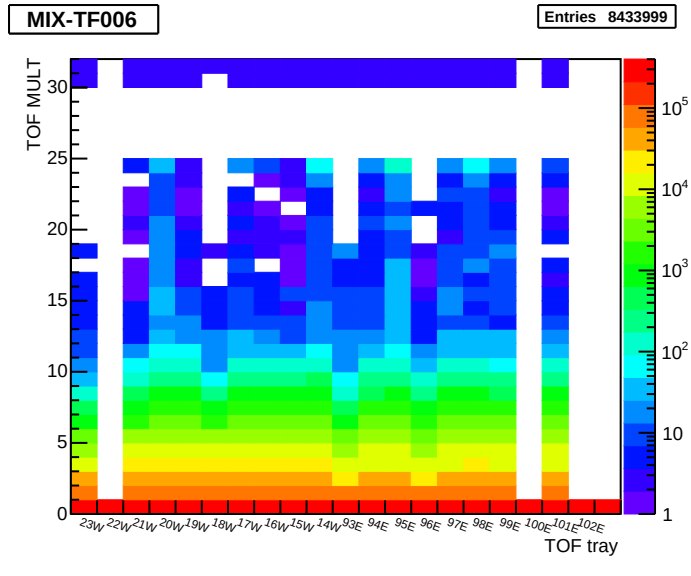

MIX-TF001
Entries 8433999
TOF MULT
TOF tray

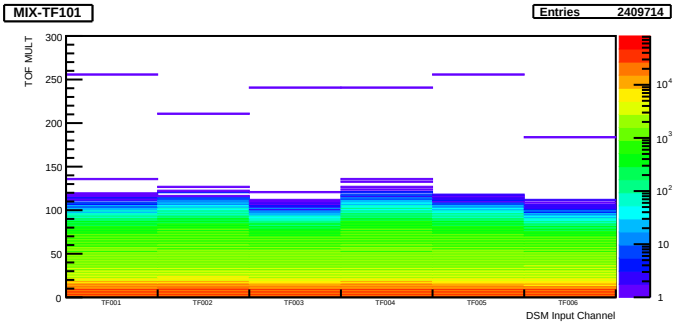

MIX-TF002
Entries 8433999
TOF MULT
TOF tray

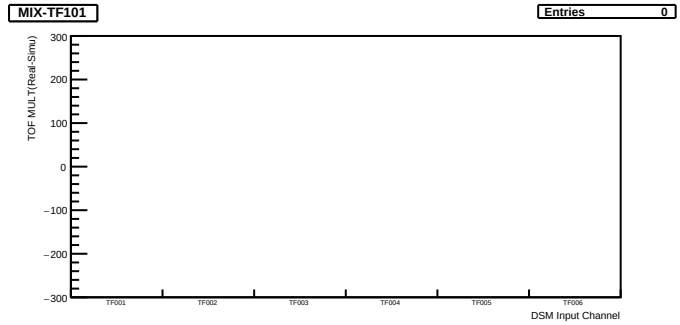

MIX-TF003
Entries 8433999
TOF MULT
TOF tray

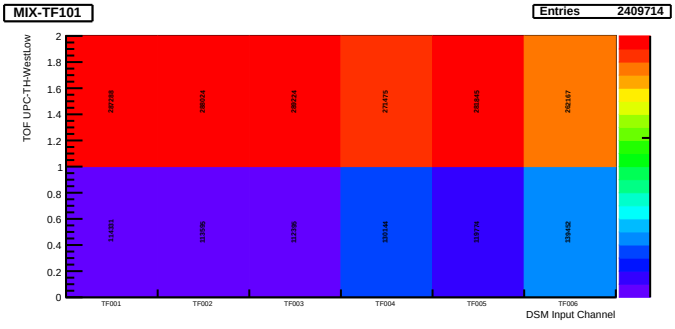

MIX-TF004
Entries 8433999
TOF MULT
TOF tray

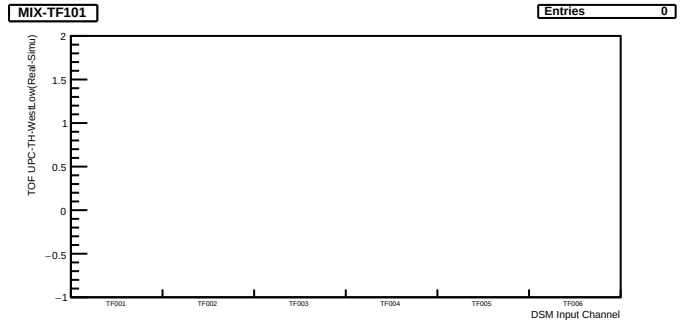

MIX-TF005
Entries 8433999
TOF MULT
TOF tray

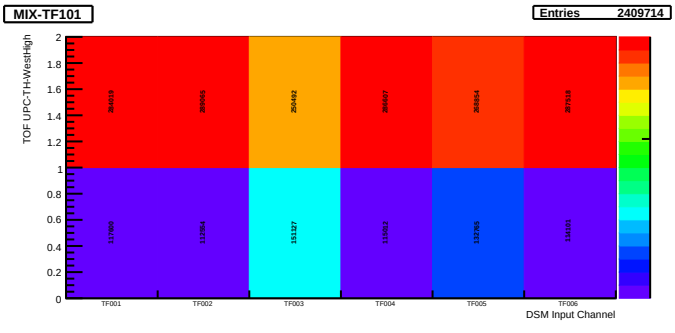

MIX-TF006
Entries 8433999
TOF MULT
TOF tray

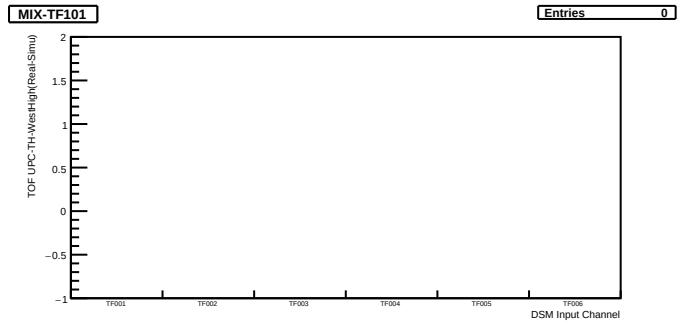

MIX-TF101
Entries 2409714
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

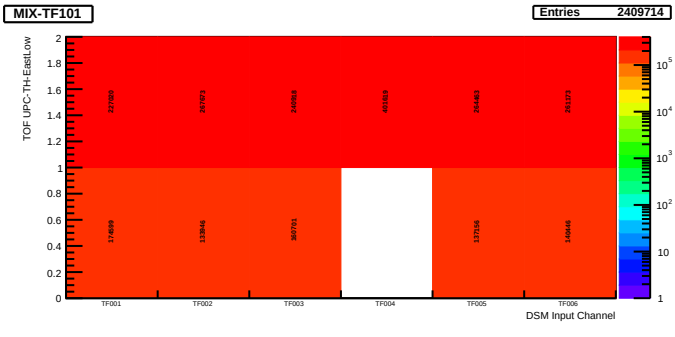

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

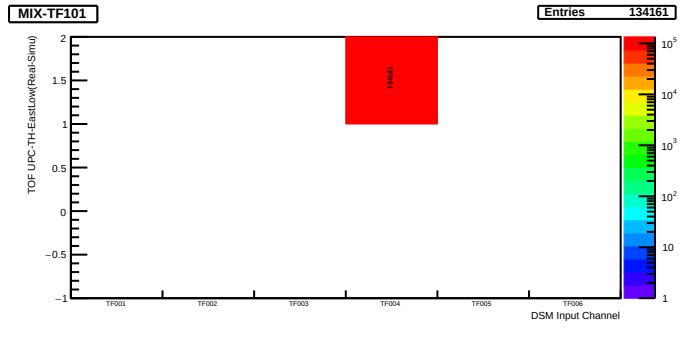

MIX-TF101
Entries 2409714
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

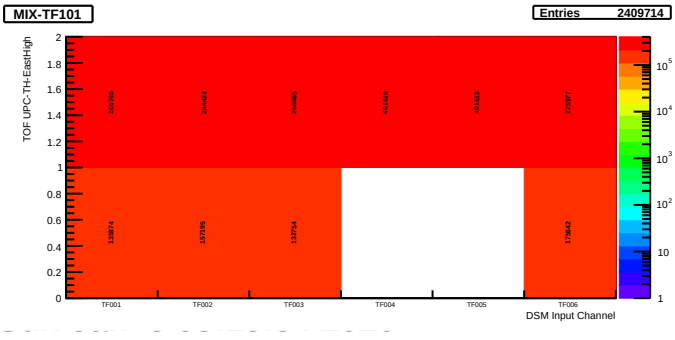

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

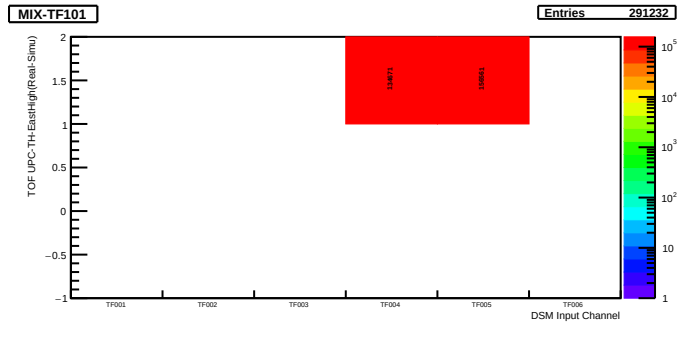

MIX-TF101
Entries 2409714
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

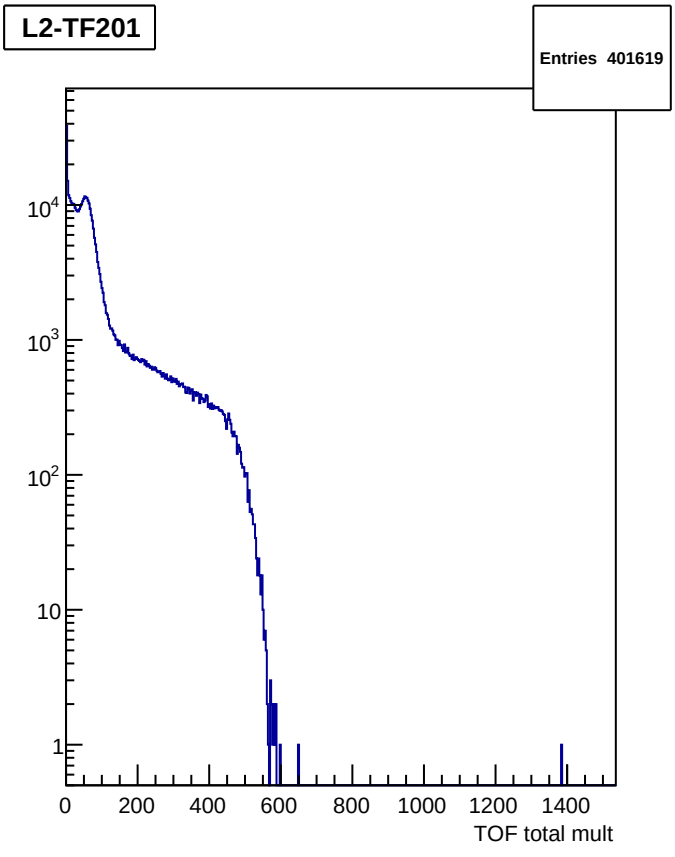

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

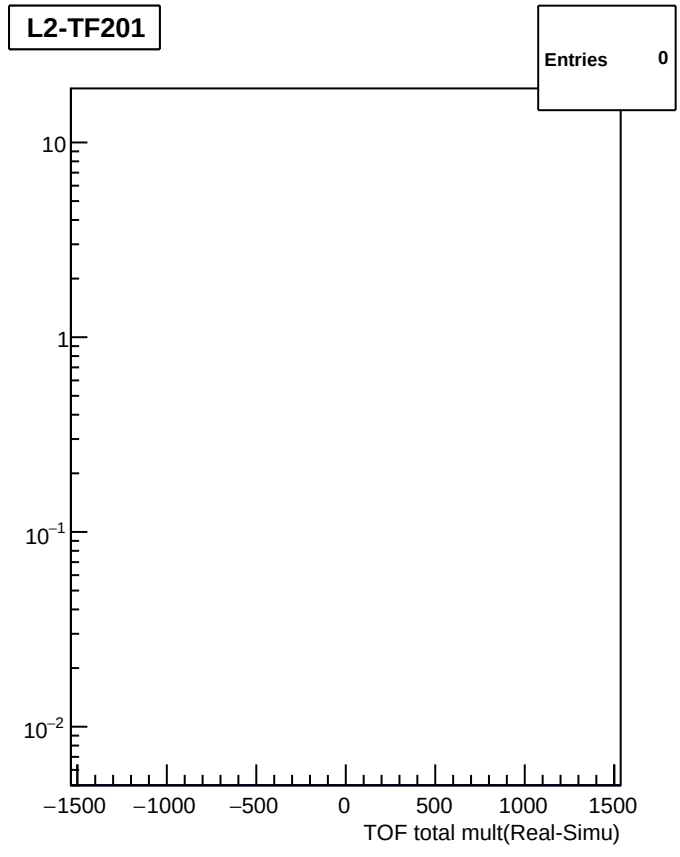

MIX-TF101
Entries 2409714
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

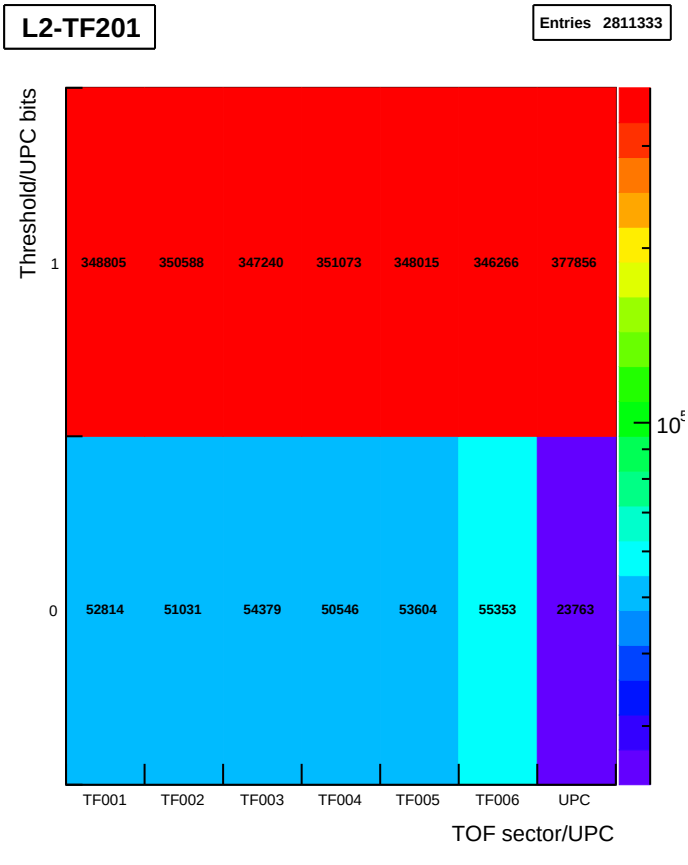

MIX-TF101
Entries 134161
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

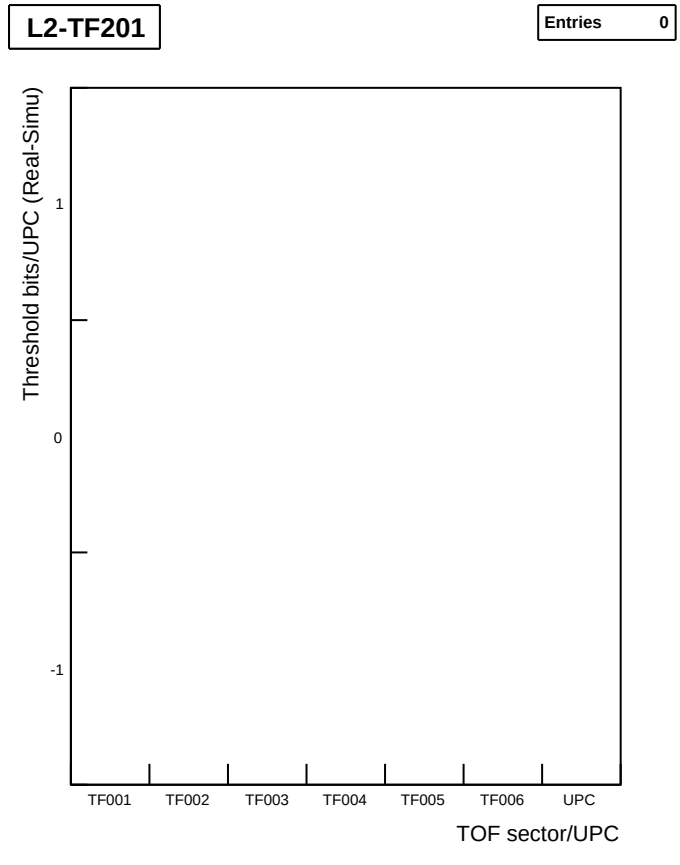

MIX-TF101
Entries 2409714
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

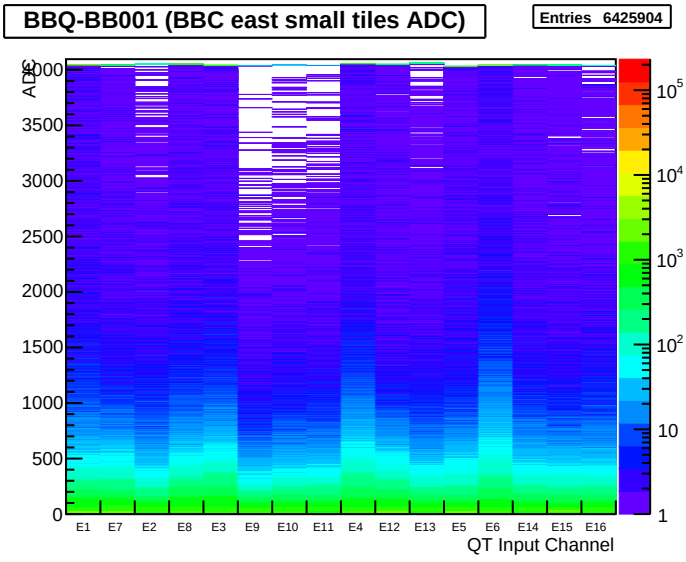

MIX-TF101
Entries 291232
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

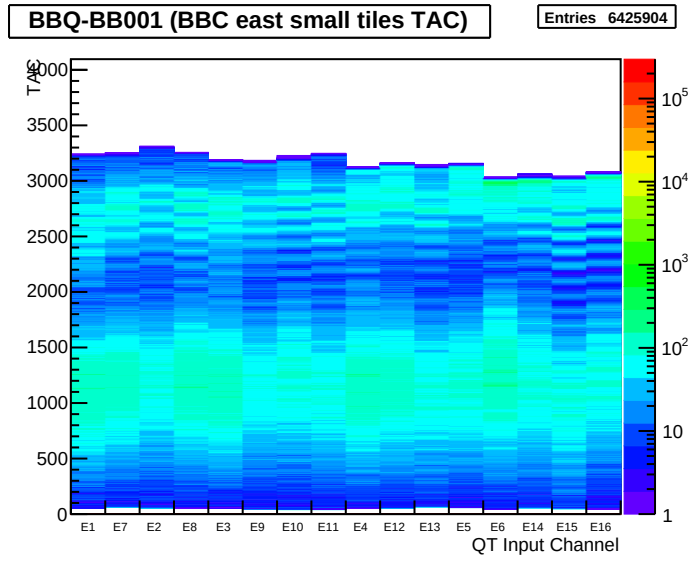

L2-TF201
Entries 401619
TOF total mult

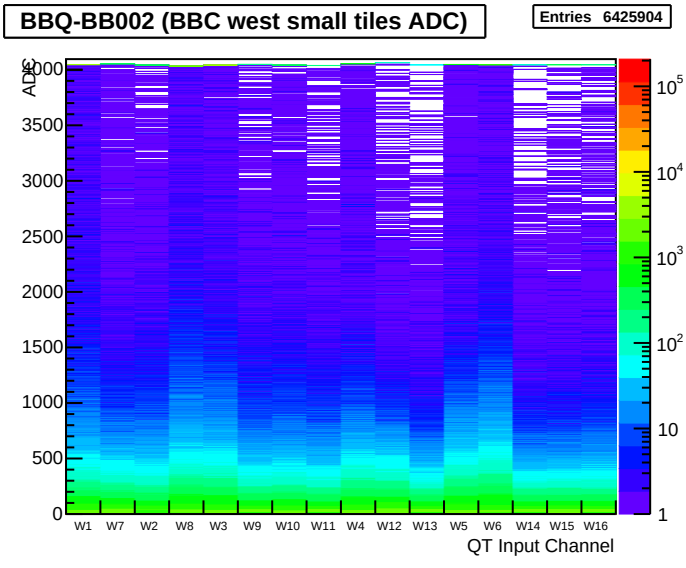

L2-TF201
Entries 0
TOF total mult(Real-Simu)

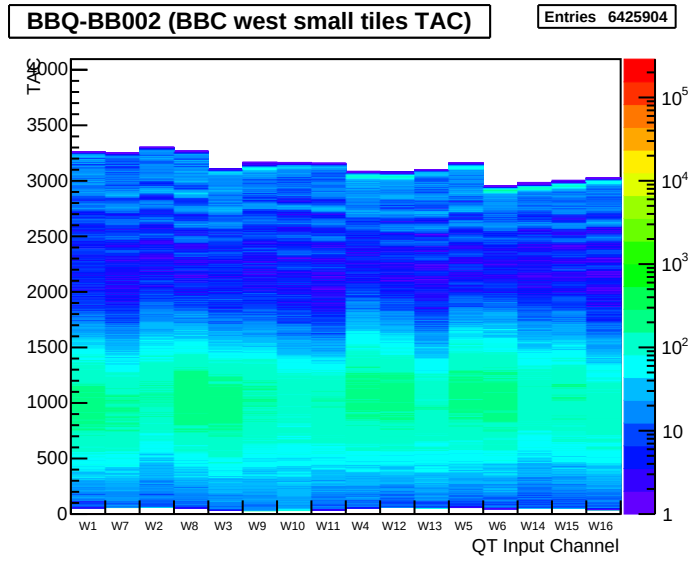

L2-TF201
Entries 2811333
Threshold/UPC bits
348805
350588
347240
351073
348015
346266
377856
52814
51031
54379
50546
53604
55353
23763
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

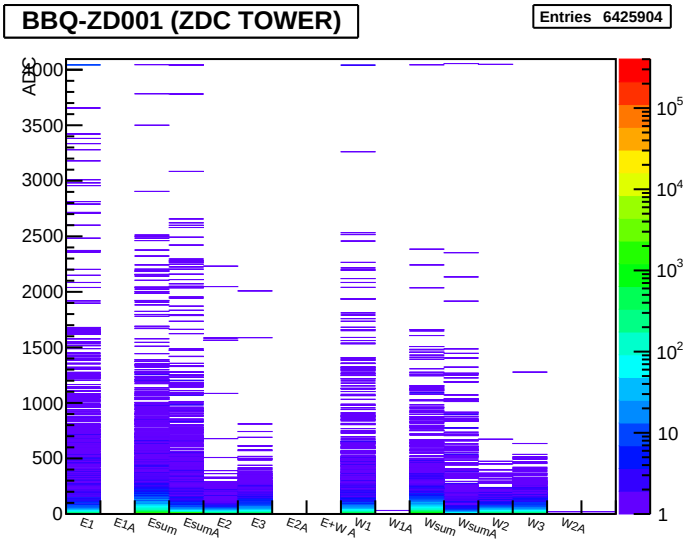

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

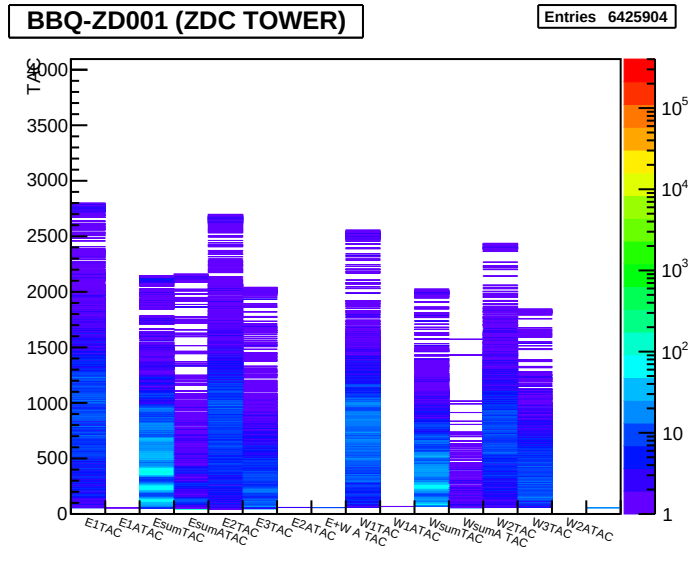

BBQ-BB001 (BBC east small tiles ADC)
Entries 6425904
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

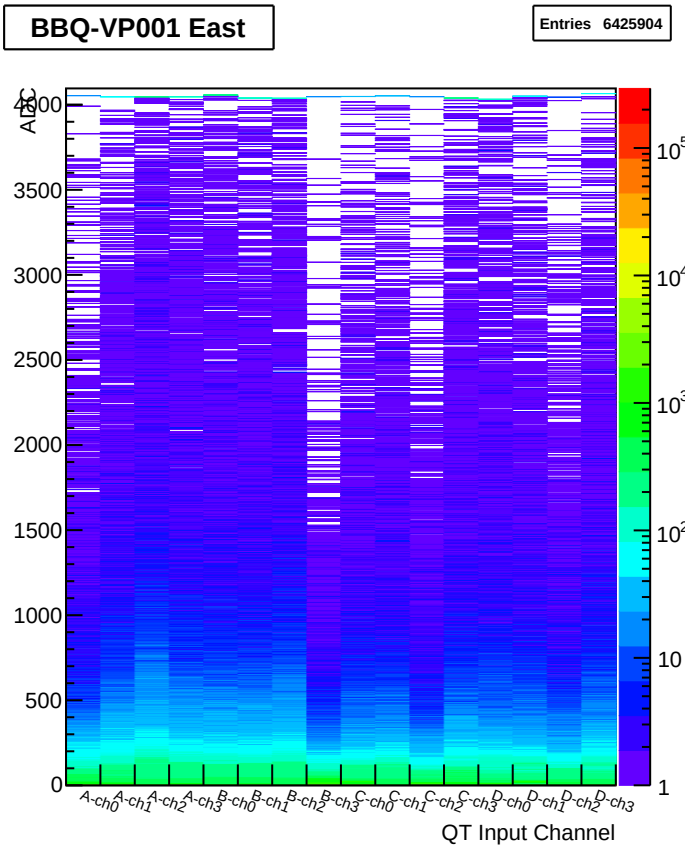

BBQ-BB001 (BBC east small tiles TAC)
Entries 6425904
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

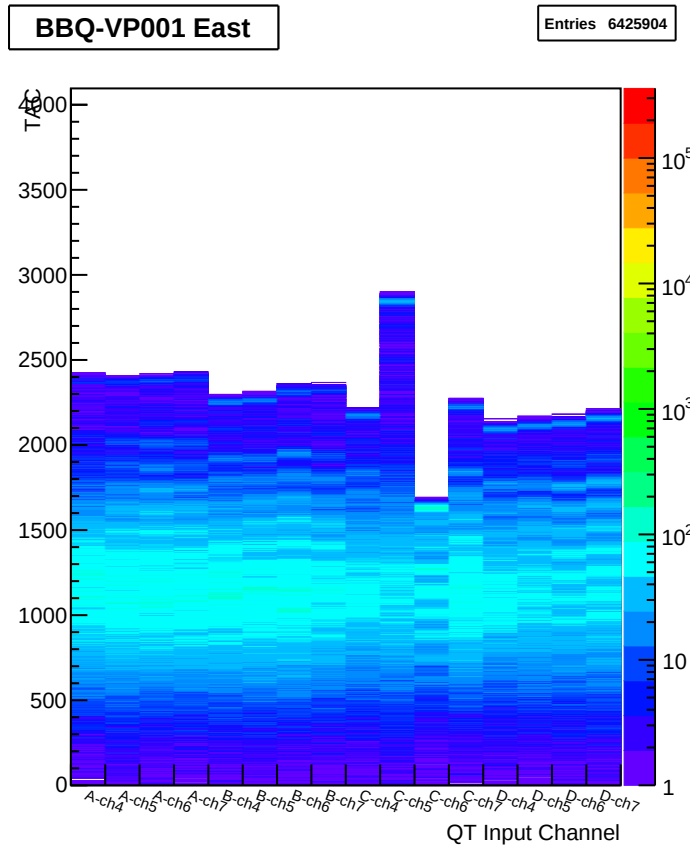

BBQ-BB002 (BBC west small tiles ADC)
Entries 6425904
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

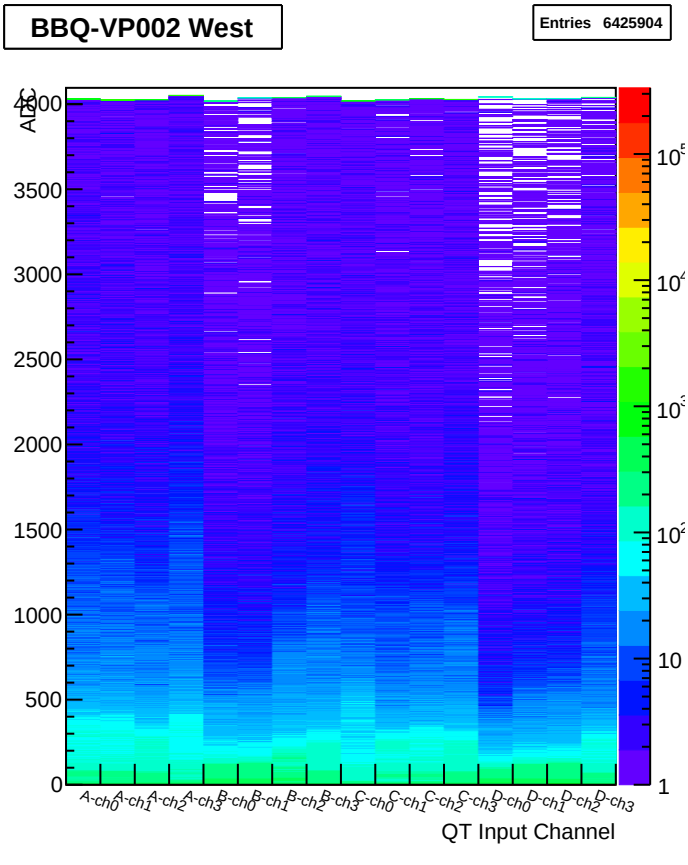

BBQ-BB002 (BBC west small tiles TAC)
Entries 6425904
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

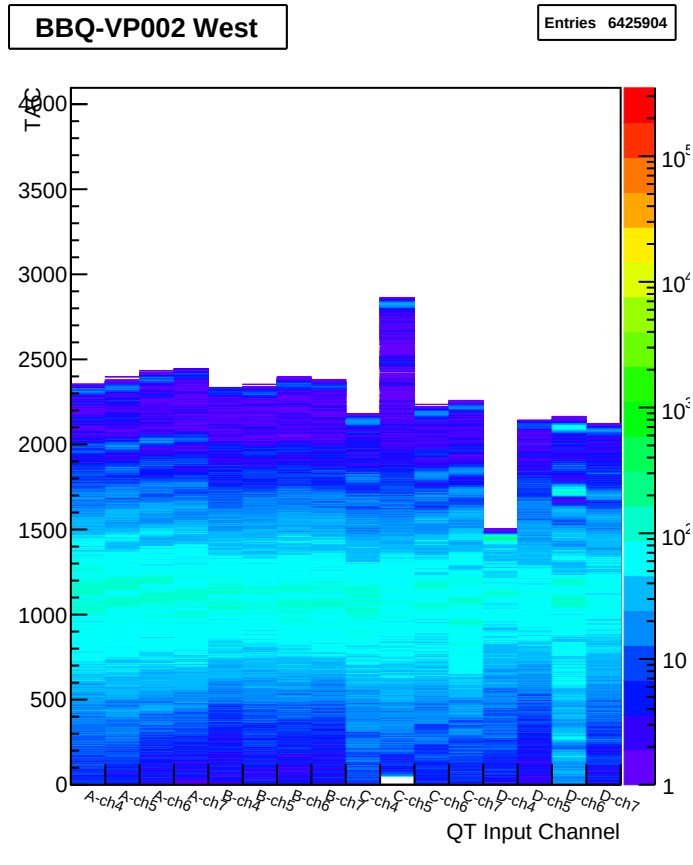

BBQ-ZD001 (ZDC TOWER)
Entries 6425904
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

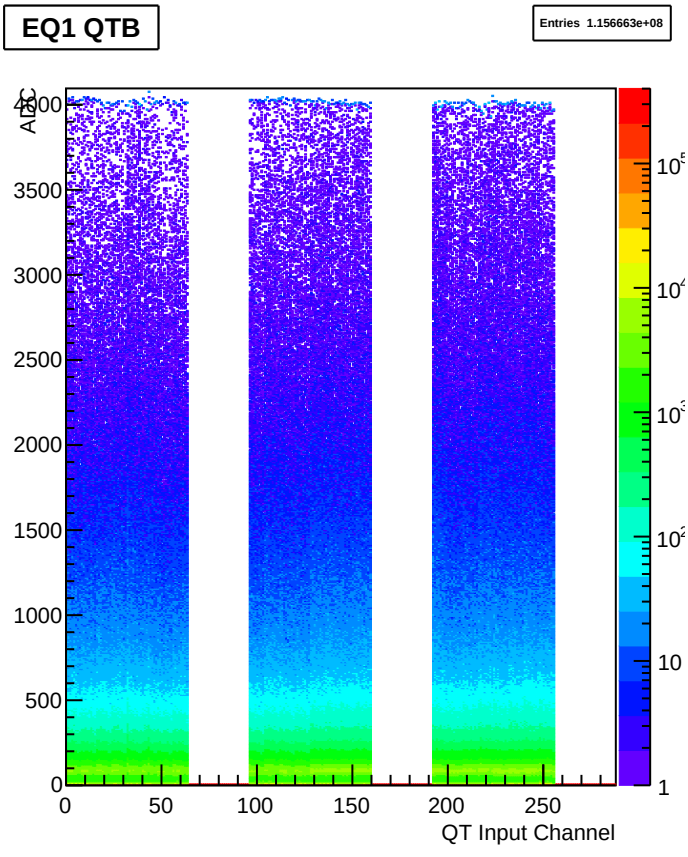

BBQ-ZD001 (ZDC TOWER)
Entries 6425904
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

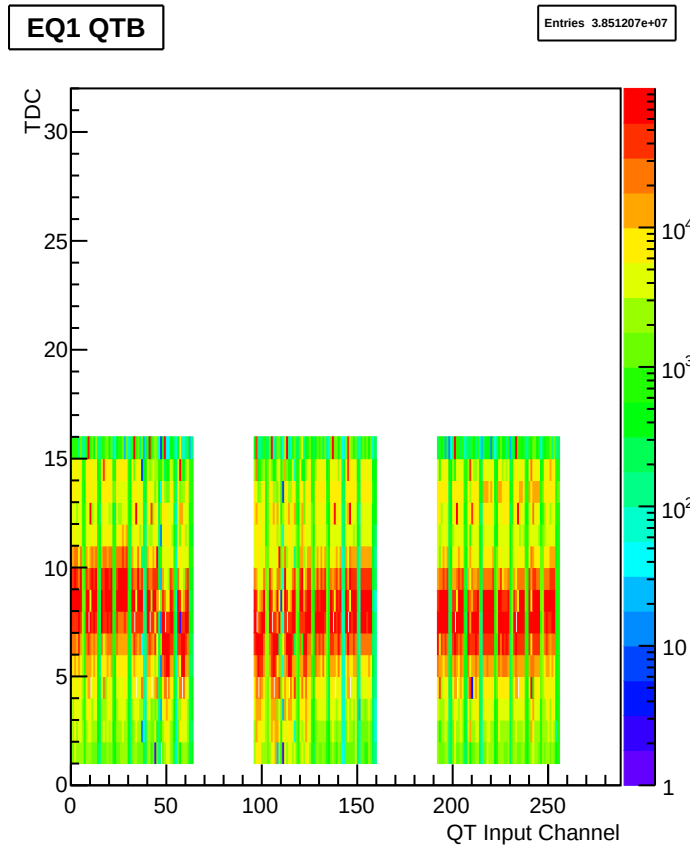

BBQ-VP001 East
Entries 6425904
ADC
QT Input Channel

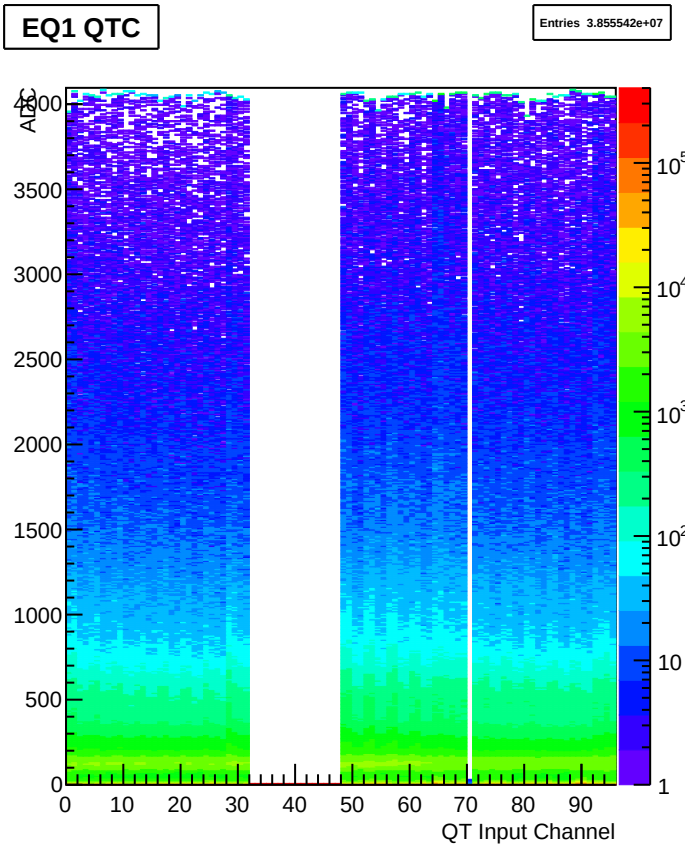

BBQ-VP001 East
Entries 6425904
TADC
QT Input Channel

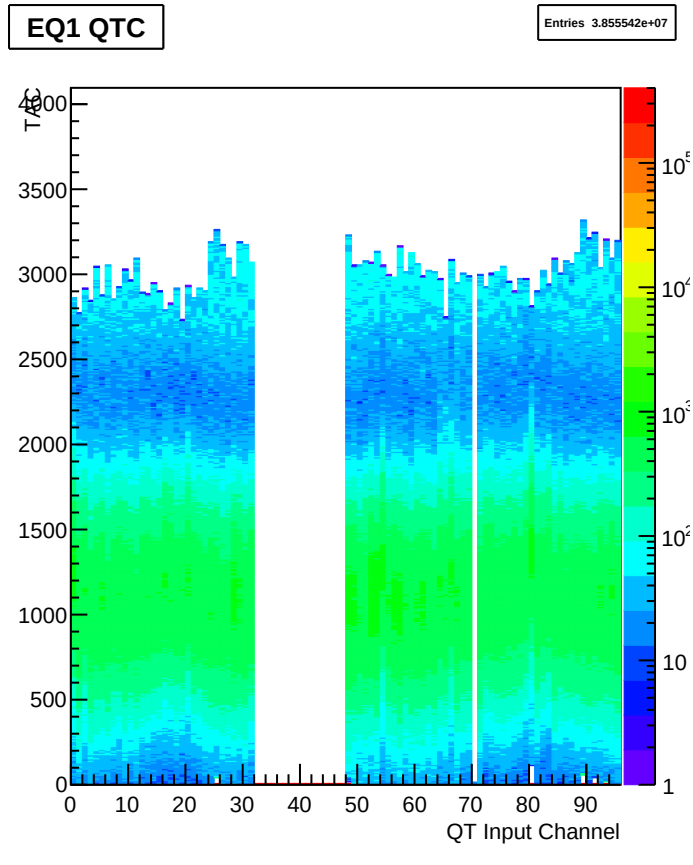

BBQ-VP002 West
Entries 6425904
ADC
QT Input Channel

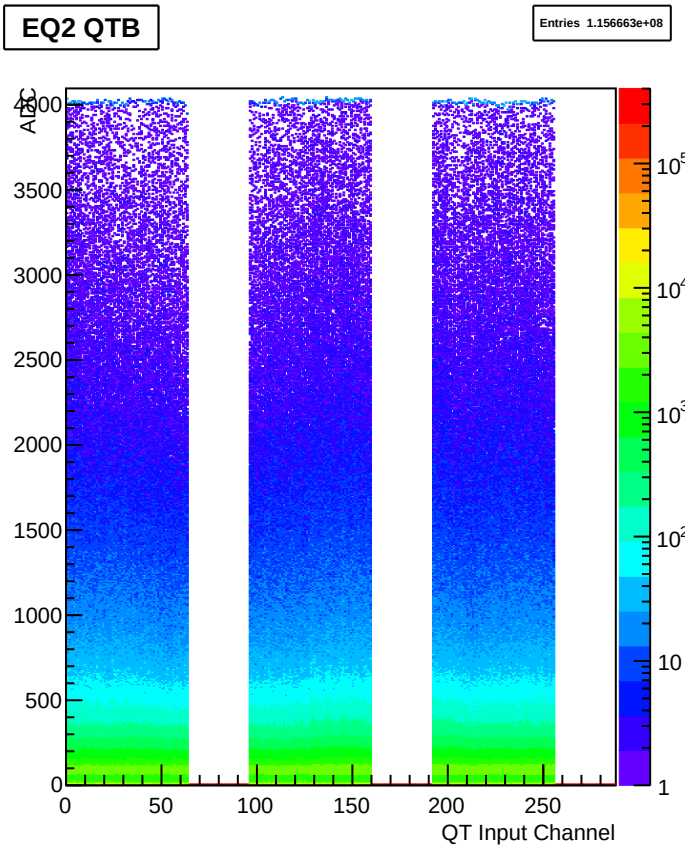

BBQ-VP002 West
Entries 6425904
TADC
QT Input Channel

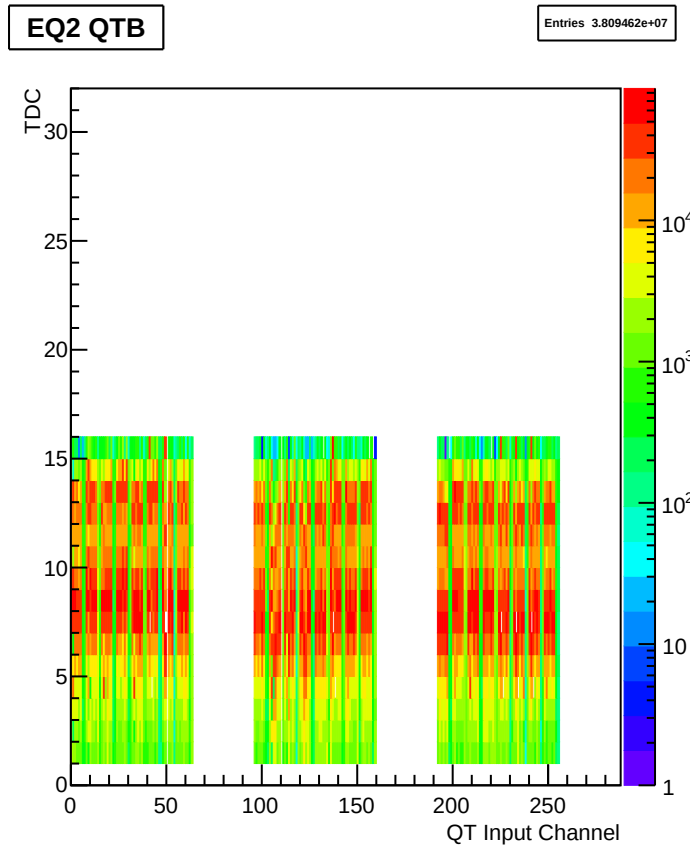

EQ1 QTB
Entries 1.156663e+08
ADC
QT Input Channel

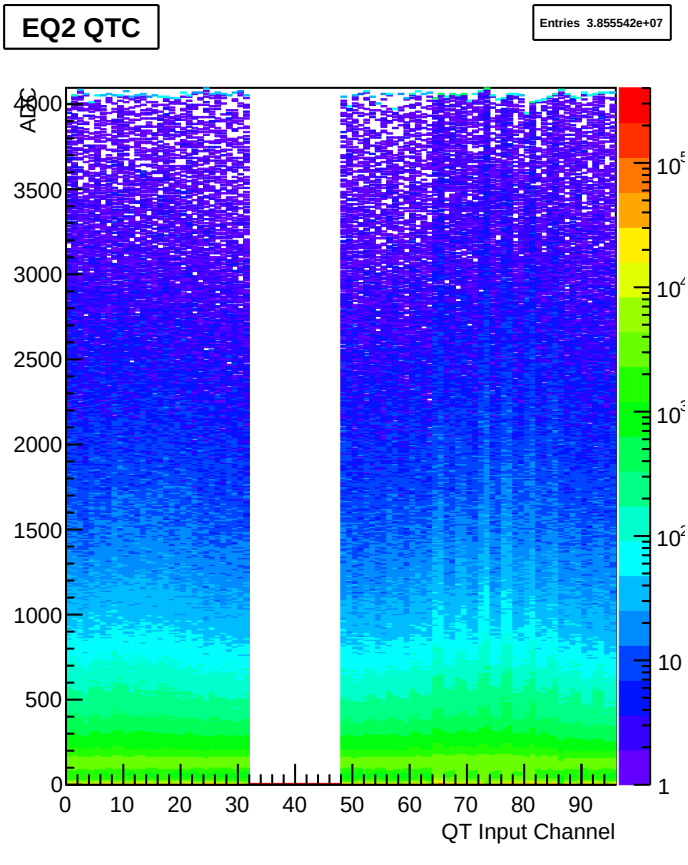

EQ1 QTB
Entries 3.851207e+07
TDC
QT Input Channel

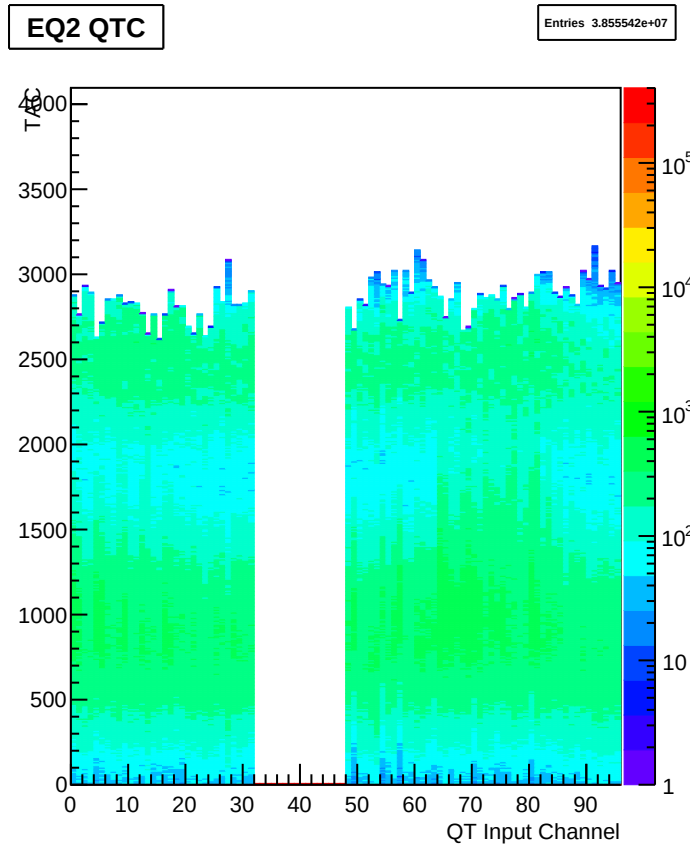

EQ1 QTC
Entries 3.855542e+07
ADC
QT Input Channel

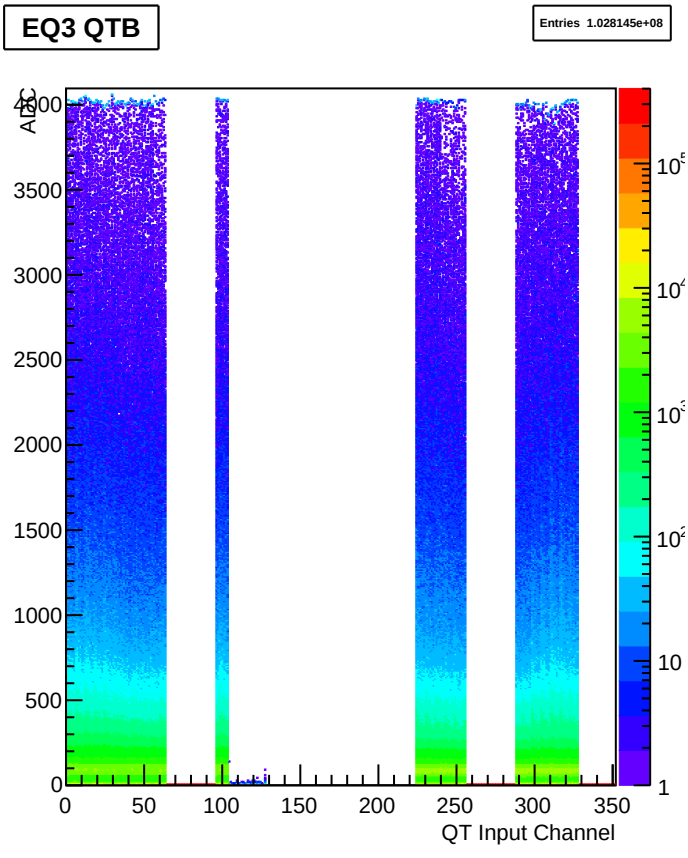

EQ1 QTC
Entries 3.855542e+07
TADC
QT Input Channel

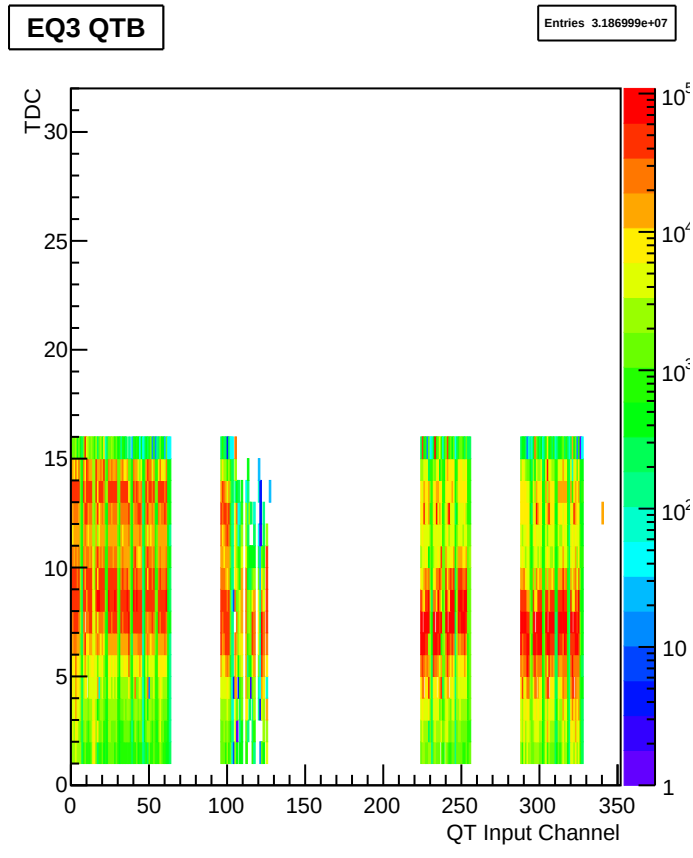

EQ2 QTB
Entries 1.156663e+08
ADC
QT Input Channel

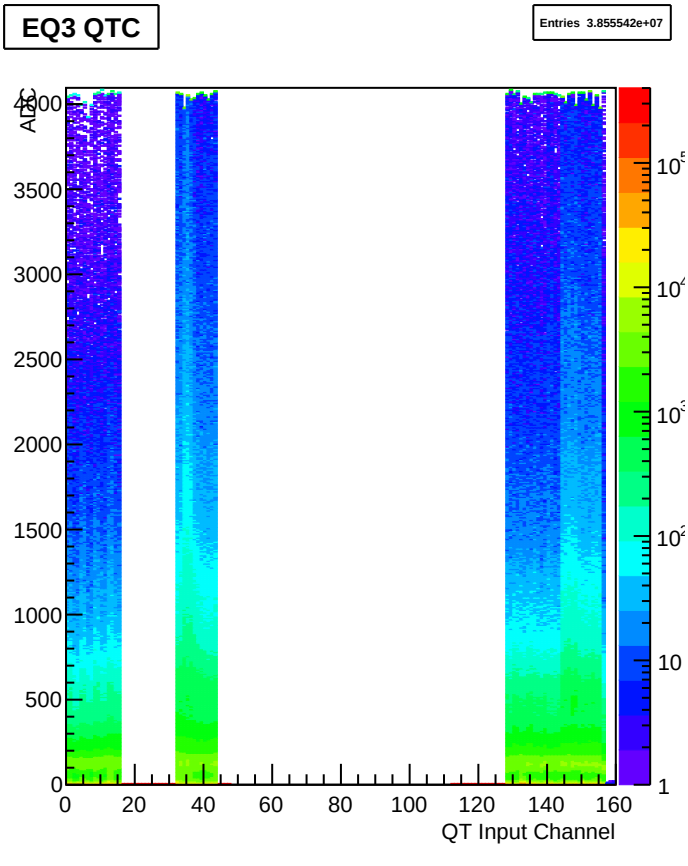

EQ2 QTB
Entries 3.809462e+07
TDC
QT Input Channel

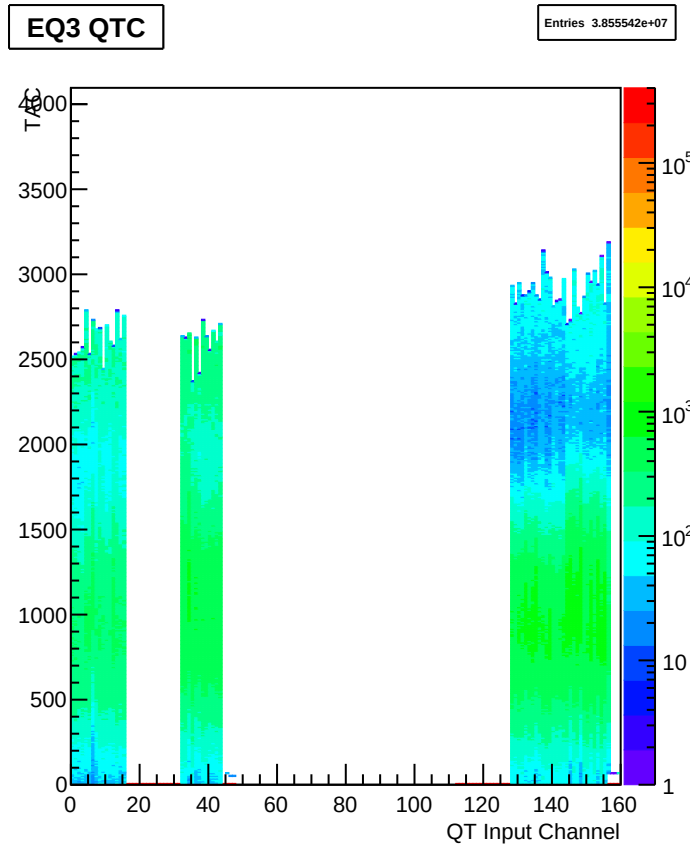

EQ2 QTC
Entries 3.855542e+07
ADC
QT Input Channel

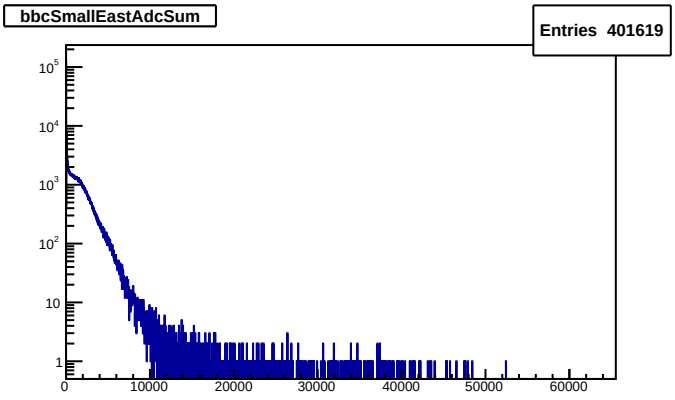

EQ2 QTC
Entries 3.855542e+07
TADC
QT Input Channel

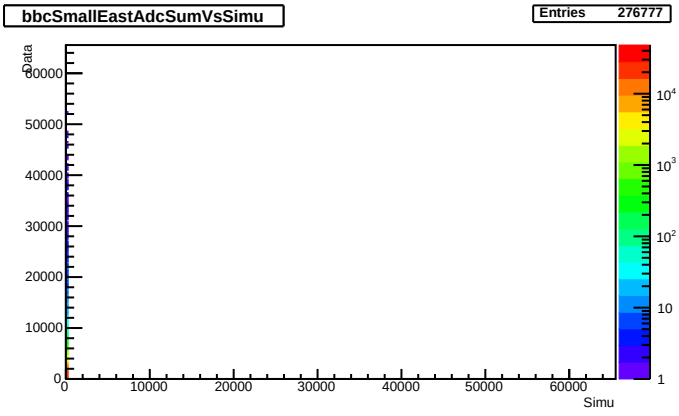

EQ3 QTB
Entries 1.028145e+08
ADC
QT Input Channel

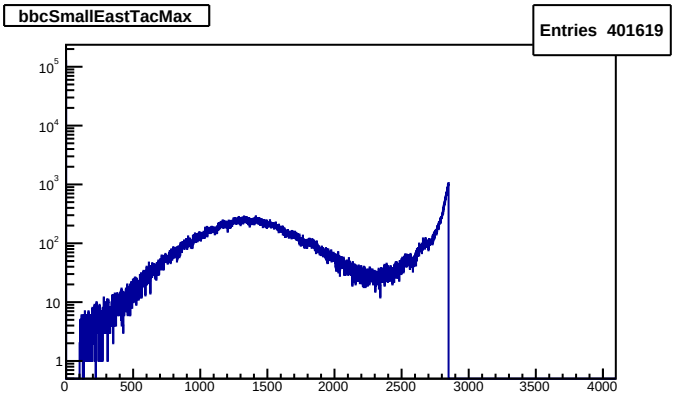

EQ3 QTB
Entries 3.186999e+07
TDC
QT Input Channel

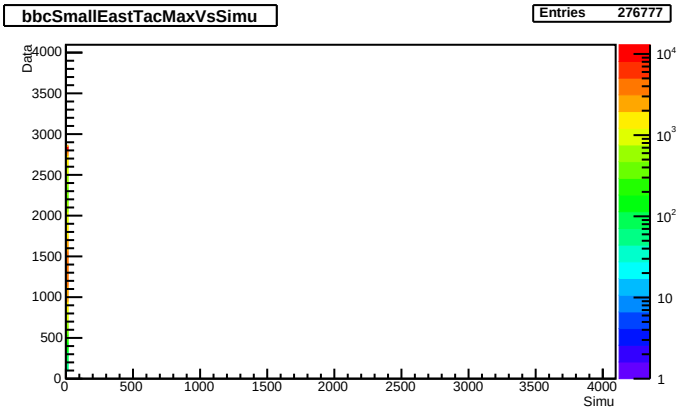

EQ3 QTC
Entries 3.855542e+07
ADC
QT Input Channel

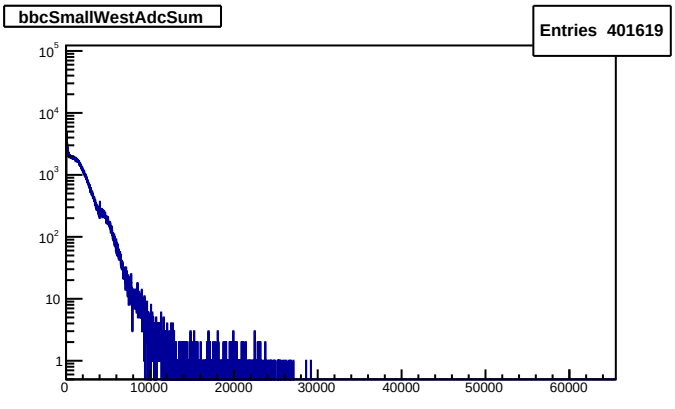

EQ3 QTC
Entries 3.855542e+07
TADC
QT Input Channel

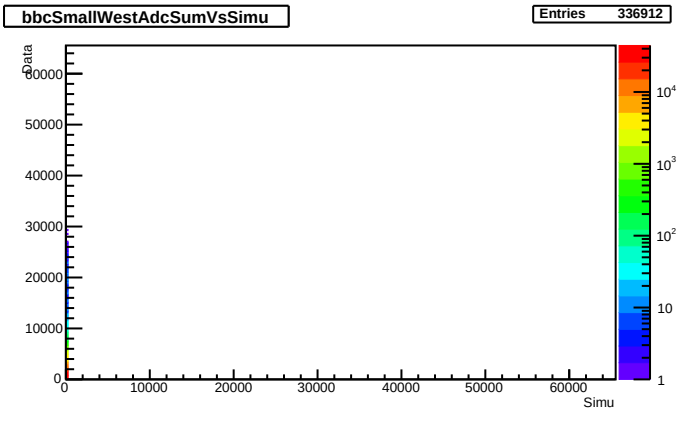

bbcSmallEastAdcSum
Entries 401619

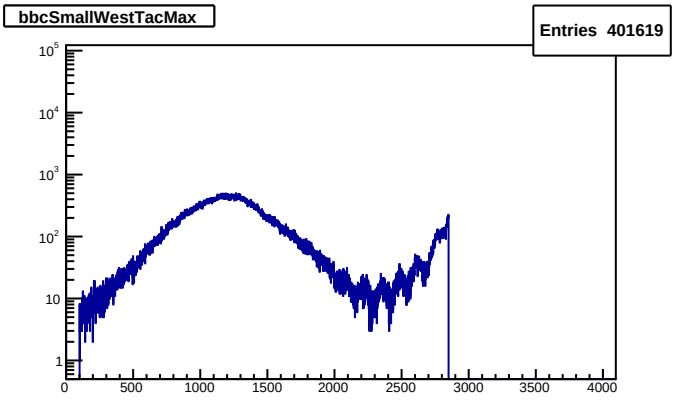

bbcSmallEastAdcSumVsSimu
Entries 276777
Data
Simu

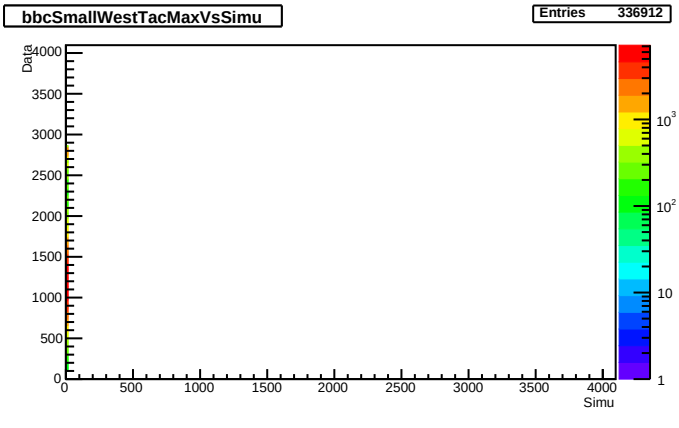

bbcSmallEastTacMax
Entries 401619

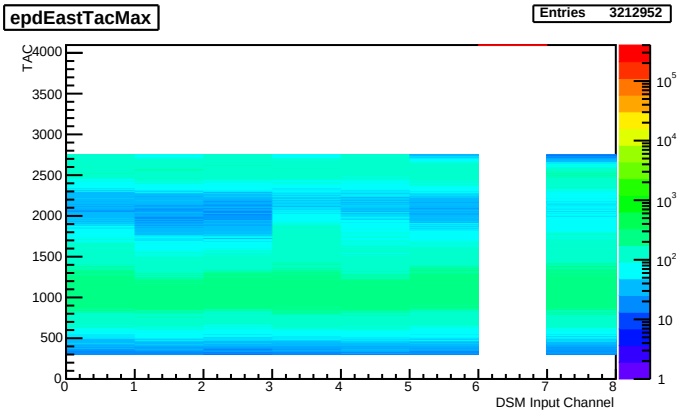

bbcSmallEastTacMaxVsSimu
Entries 276777
Data
Simu

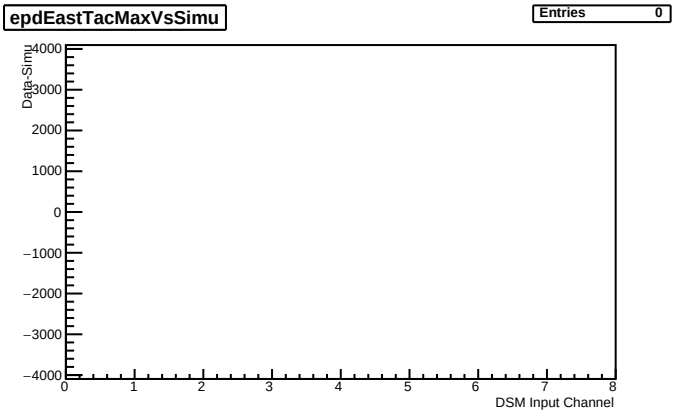

bbcSmallWestAdcSum
Entries 401619

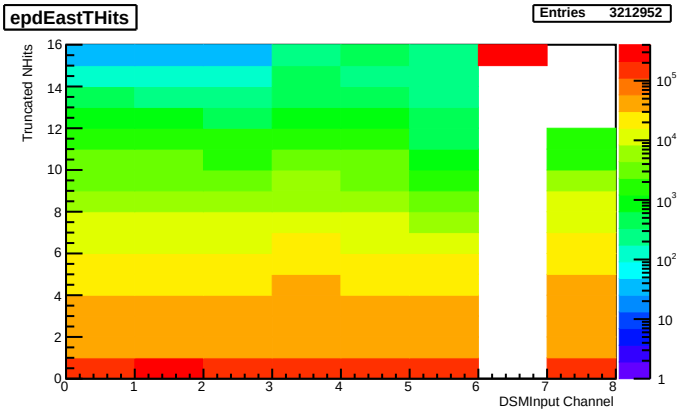

bbcSmallWestAdcSumVsSimu
Entries 336912
Data
Simu

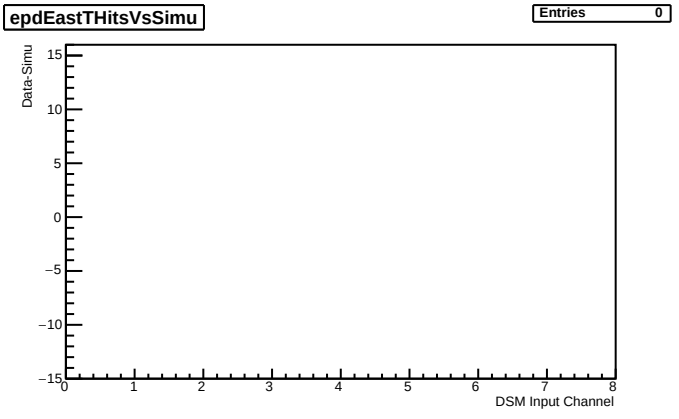

bbcSmallWestTacMax
Entries 401619

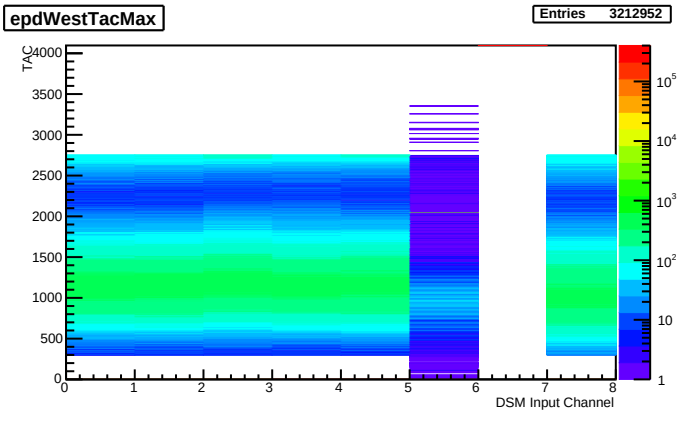

bbcSmallWestTacMaxVsSimu
Entries 336912
Data
Simu

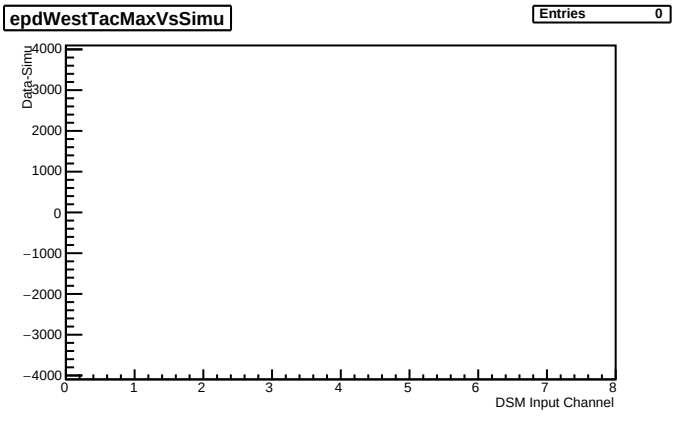

epdEastTacMax
Entries 3212952
TAC
DSM Input Channel

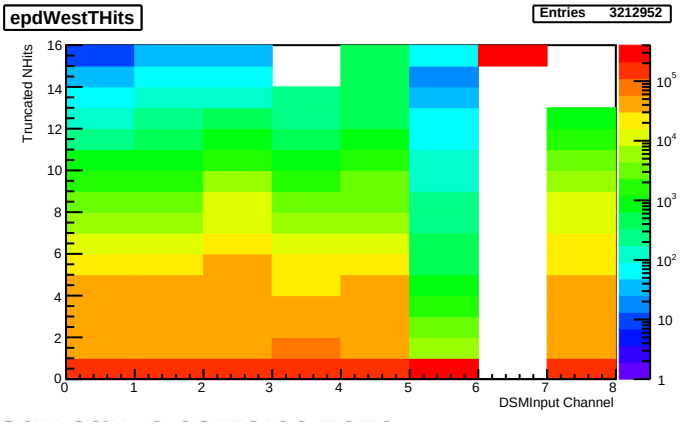

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

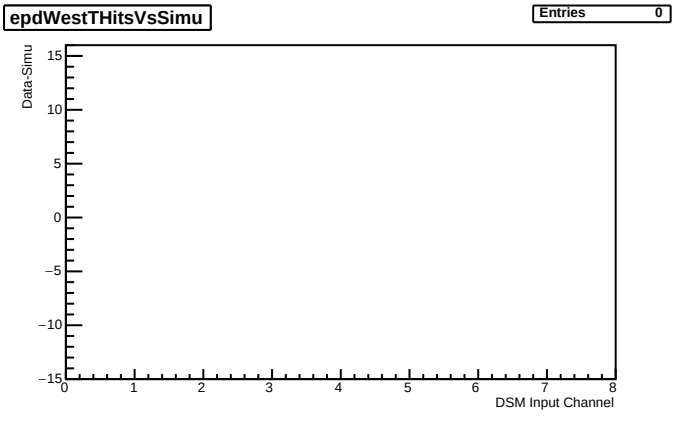

epdEastTHits
Entries 3212952
Truncated NHits
DSMInput Channel

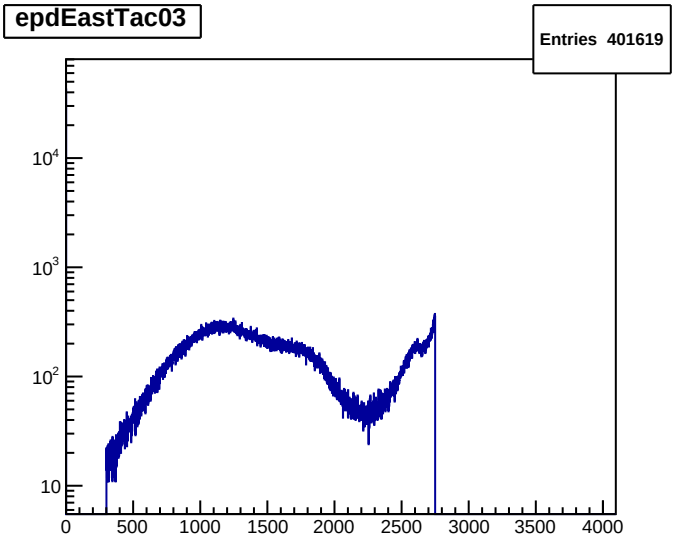

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

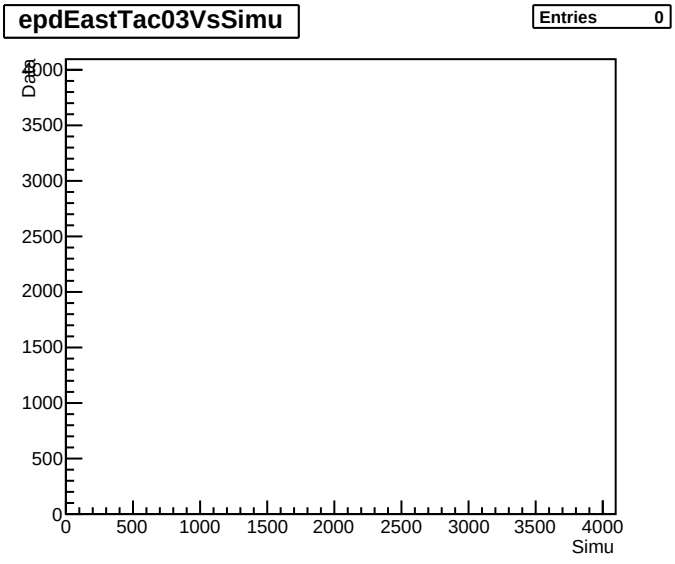

epdWestTacMax
Entries 3212952
TAC
DSM Input Channel

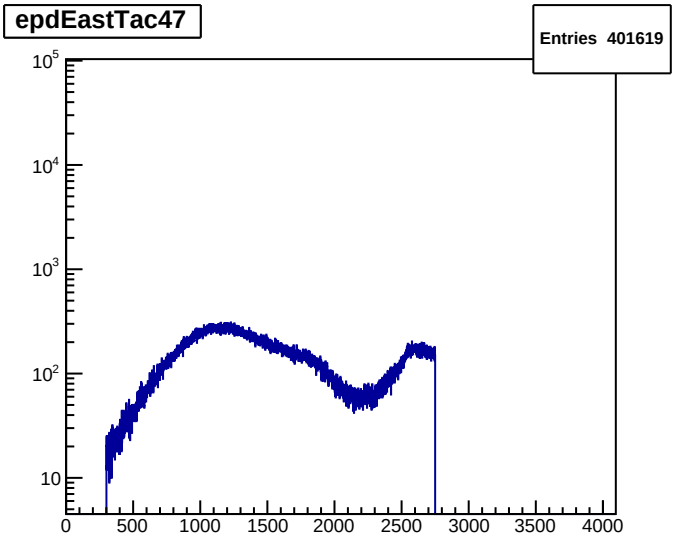

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

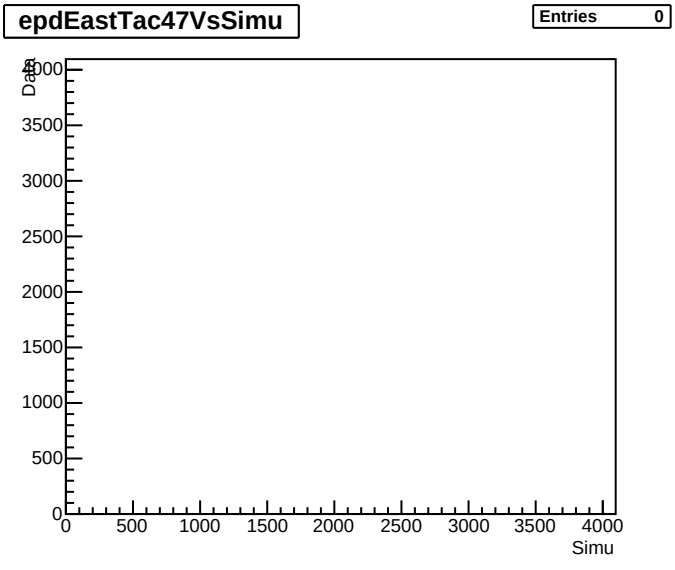

epdWestTHits
Entries 3212952
Truncated NHits
DSMInput Channel

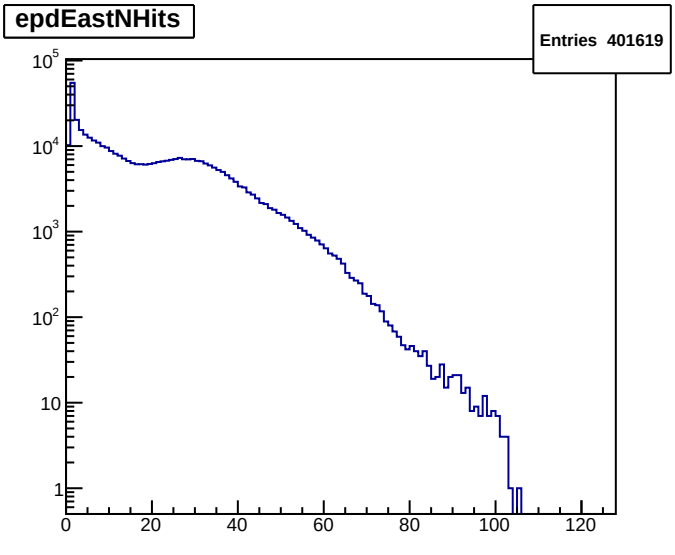

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

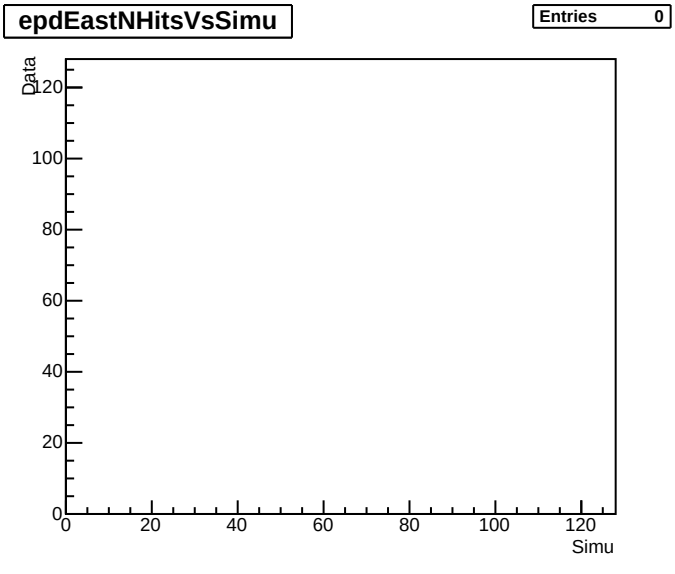

epdEastTac03
Entries 401619


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 401619


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 401619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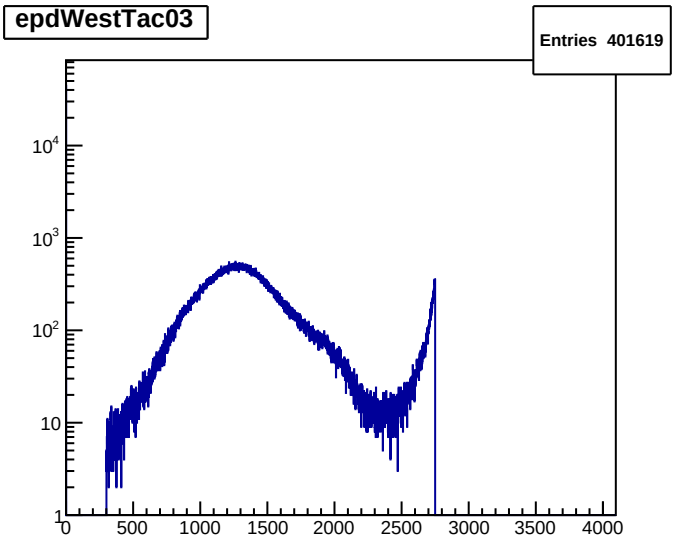
Entries 0
Data
Simu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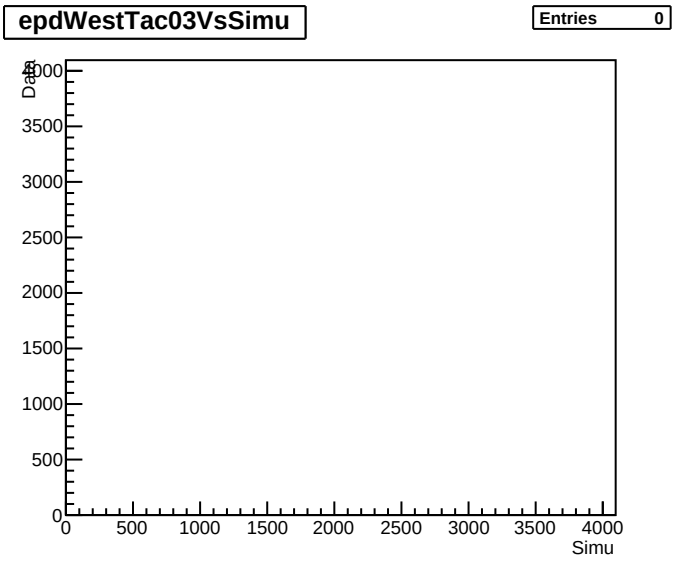
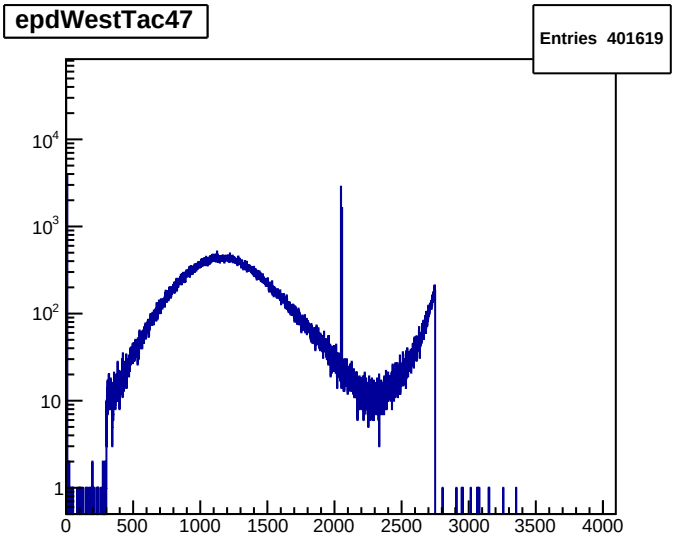
Entries 401619


epdWestTac03VsSimu
Entries 0
Data
Simu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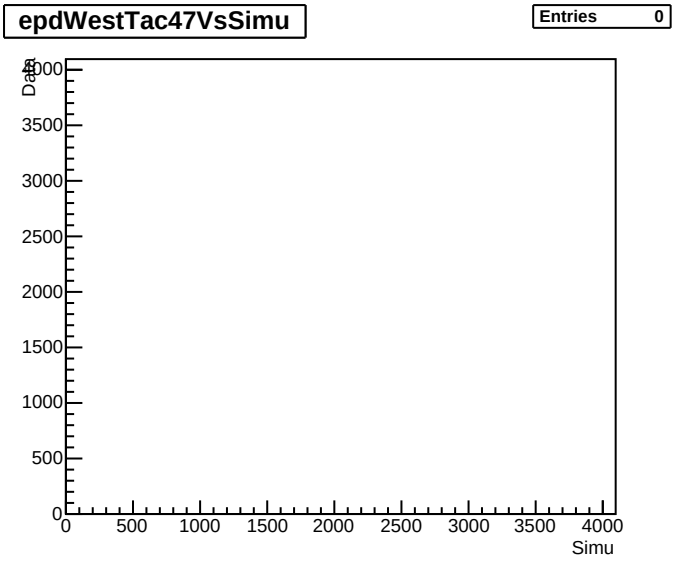
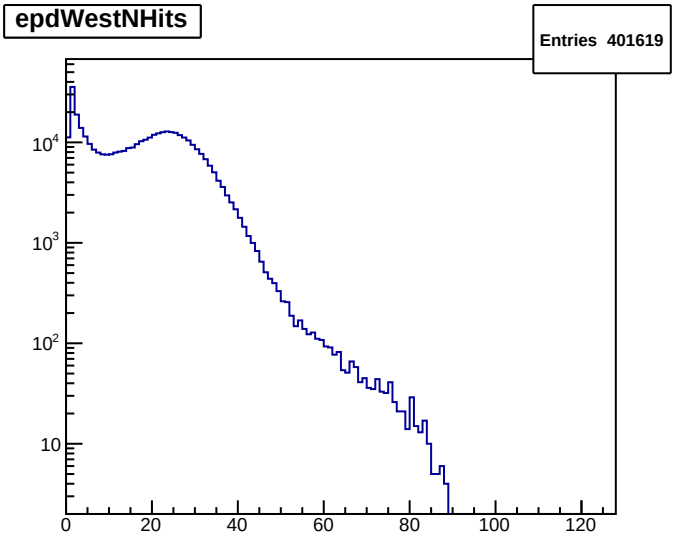
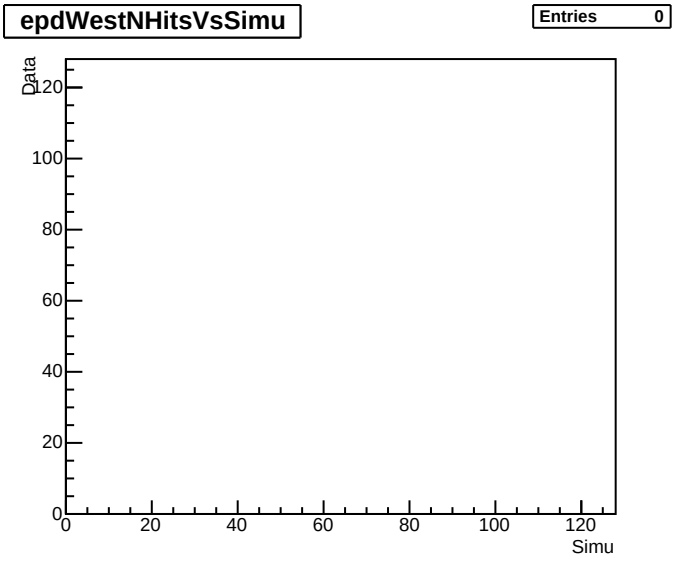
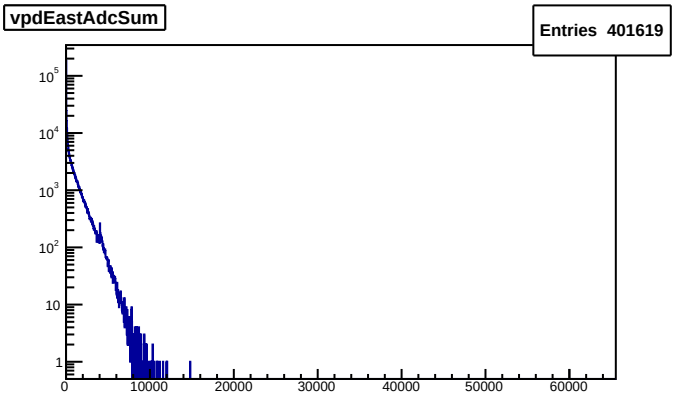
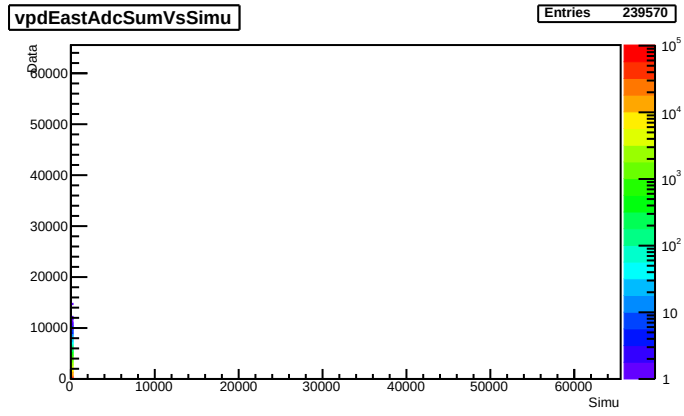
Entries 401619

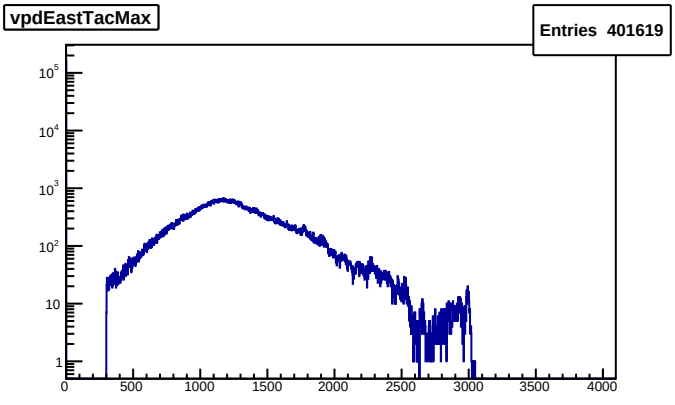

epdWestTac47VsSimu
Entries 0
Data
Simu

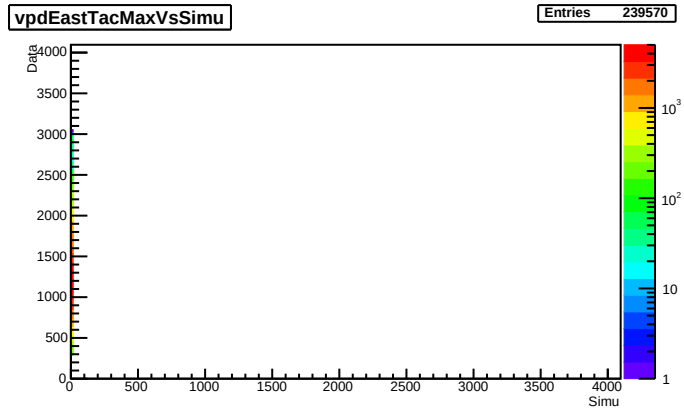

epdWestNHits
Entries 401619

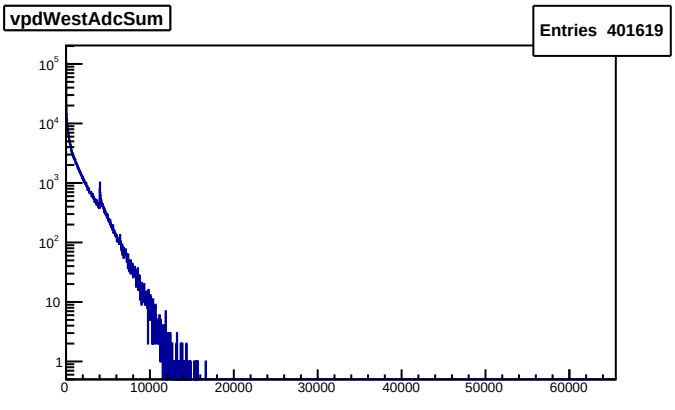

epdWestNHitsVsSimu
Entries 0
Data
Simu

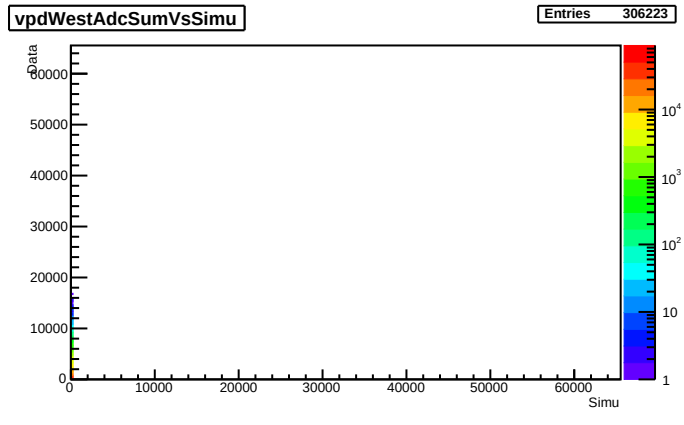

vpdEastAdcSum
Entries 401619

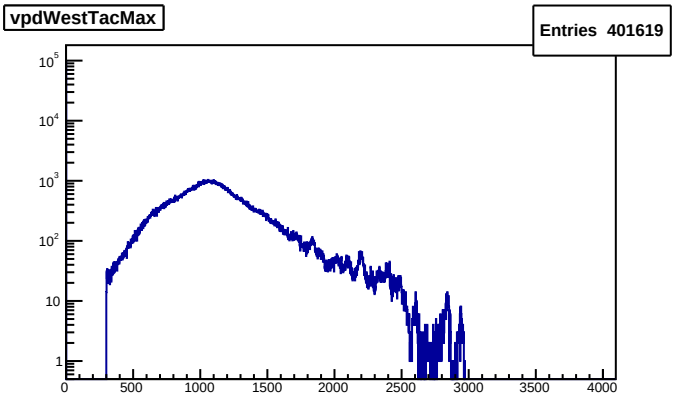

vpdEastAdcSumVsSimu
Entries 239570
Data
Simu

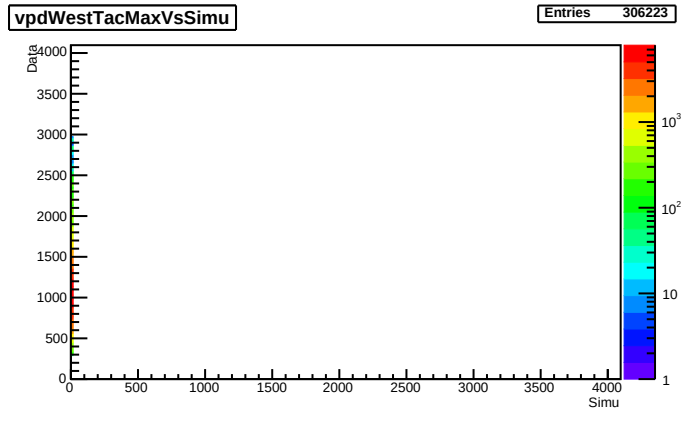

vpdEastTacMax
Entries 401619

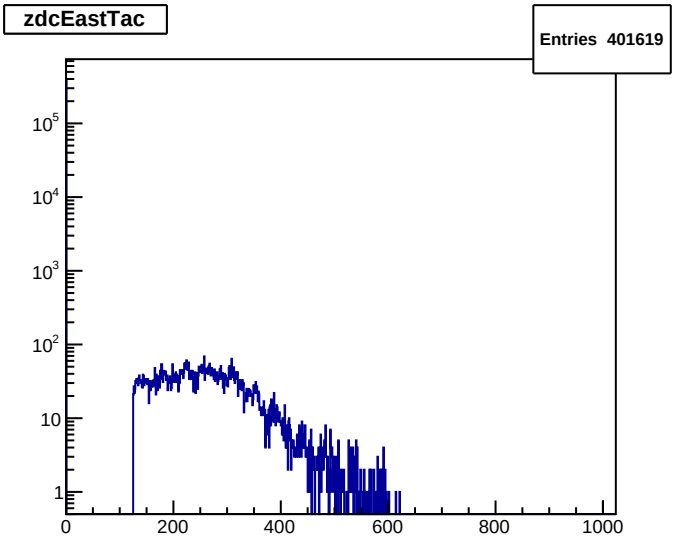

vpdEastTacMaxVsSimu
Entries 239570
Data
Simu

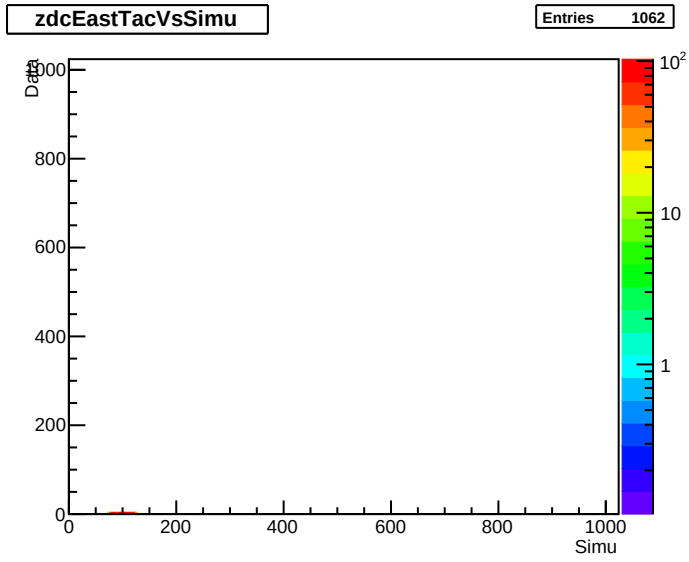

vpdWestAdcSum
Entries 401619

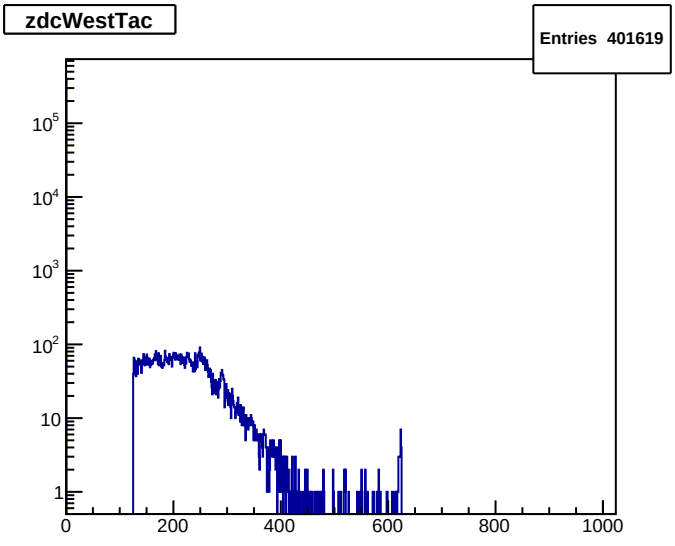

vpdWestAdcSumVsSimu
Entries 306223
Data
Simu

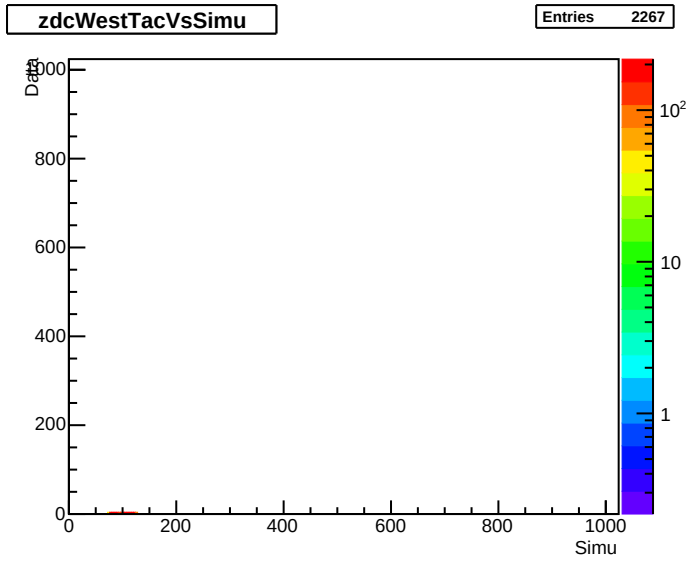

vpdWestTacMax
Entries 401619

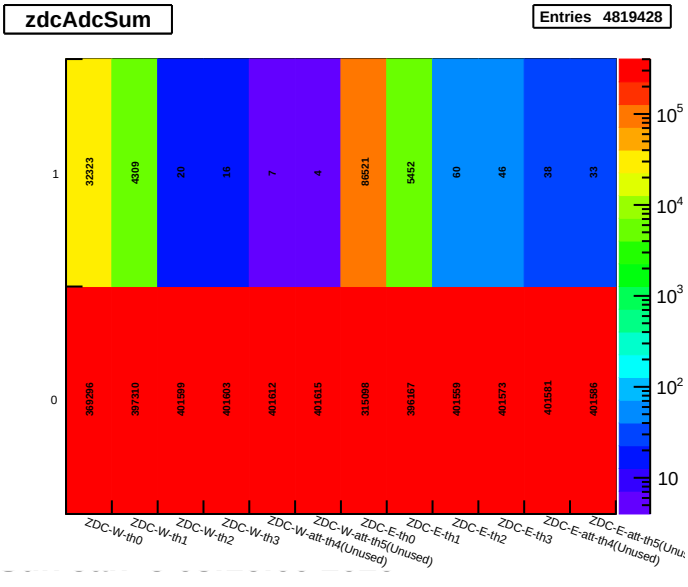

vpdWestTacMaxVsSimu
Entries 306223
Data
Simu

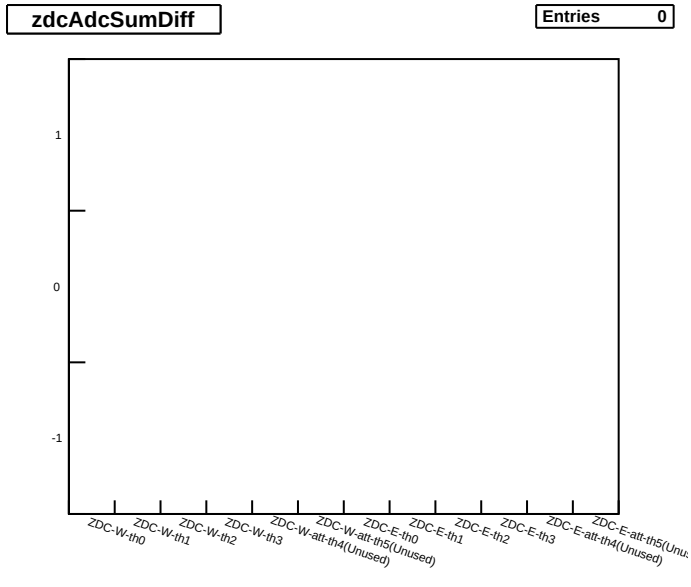

zdcEastTac
Entries 401619

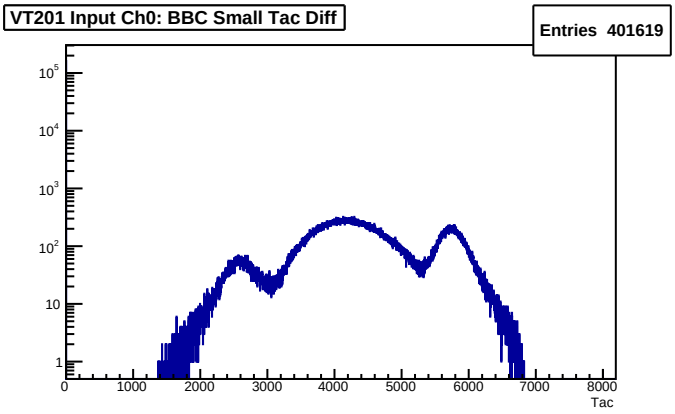

zdcEastTacVsSimu
Entries 1062
Data
Simu

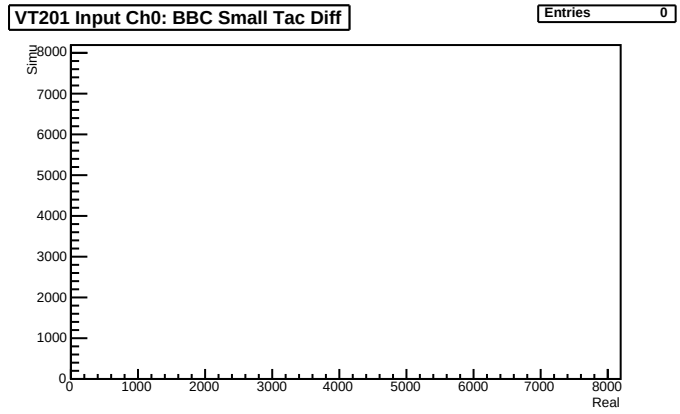

zdcWestTac
Entries 401619

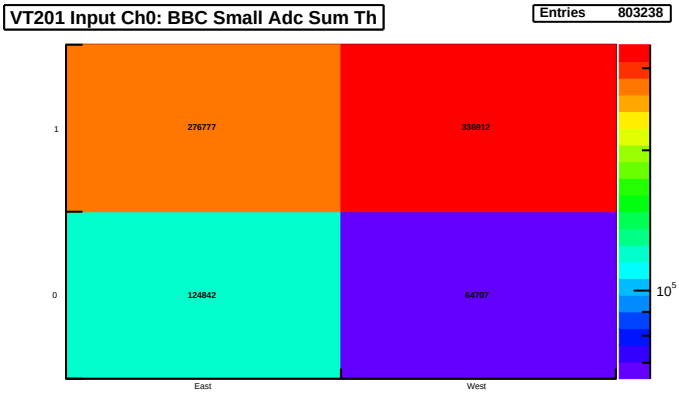

zdcWestTacVsSimu
Entries 2267
Data
Simu

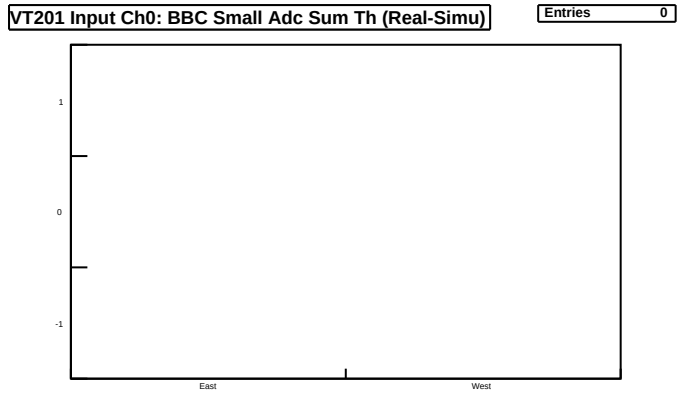

zdcAdcSum
Entries 4819428
32323
4309
20
16
7
4
86521
5452
60
46
38
33
369296
397310
401599
401603
401612
401615
315098
396167
401550
401573
401581
401586
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

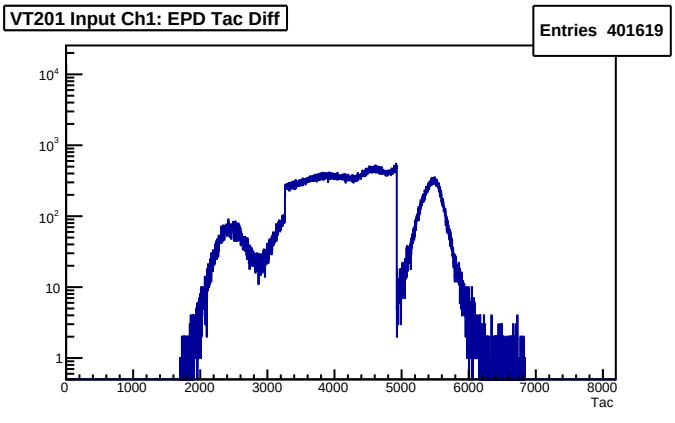

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

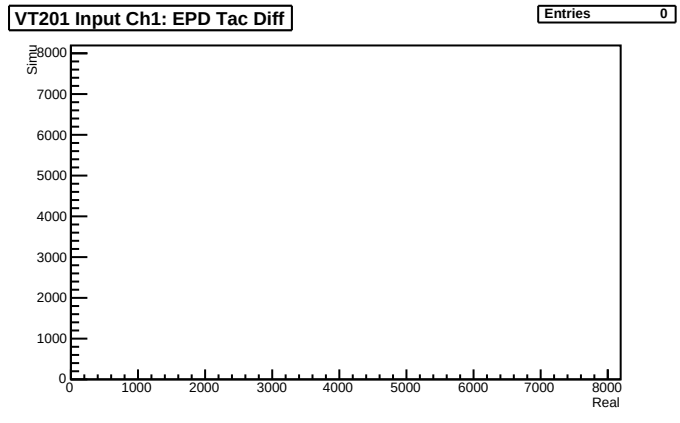

VT201 Input Ch0: BBC Small Tac Diff
Entries 401619
Tac

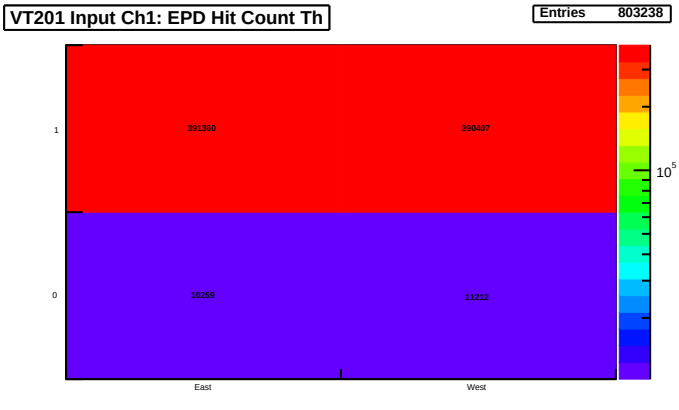

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

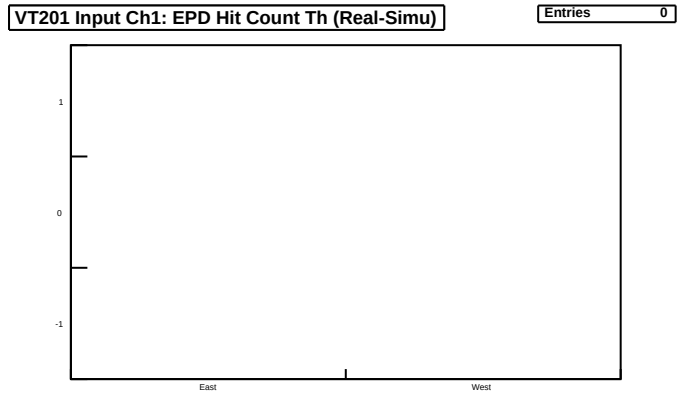

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 803238
276777
336912
124842
64707
East
West

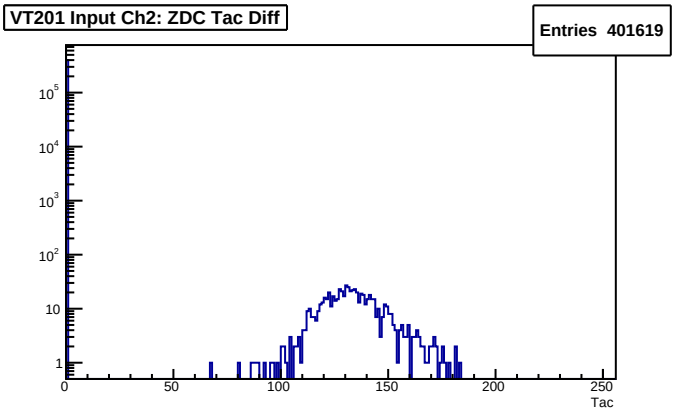

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

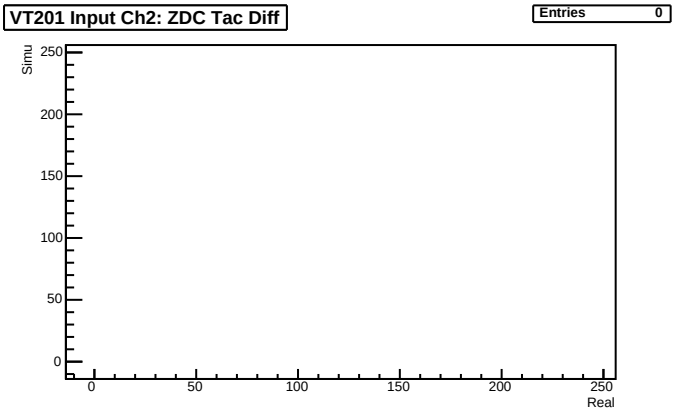

VT201 Input Ch1: EPD Tac Diff
Entries 401619
Tac

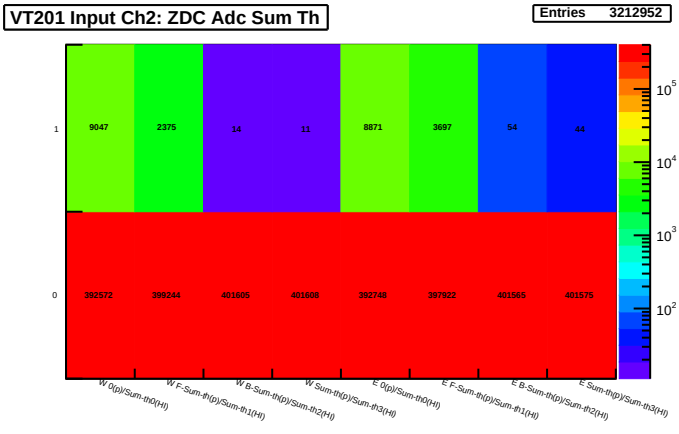

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

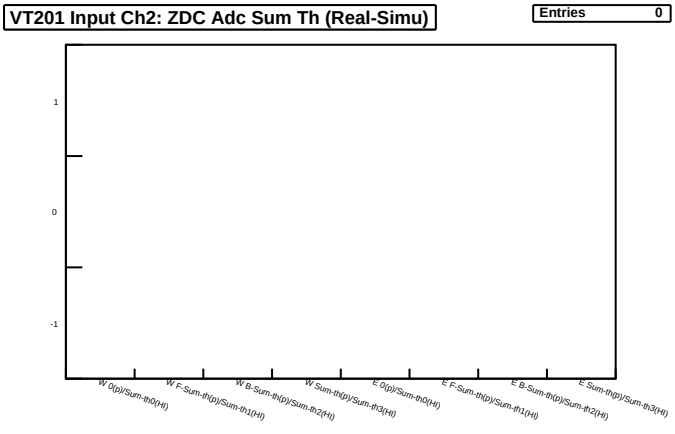

VT201 Input Ch1: EPD Hit Count Th
Entries 803238
391360
390407
10259
11212
East
West

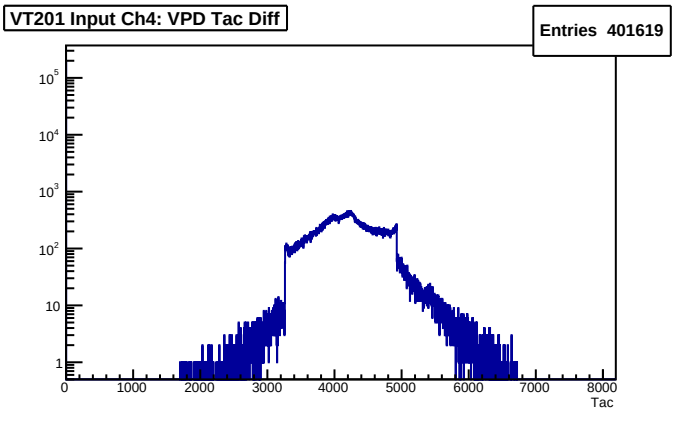

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

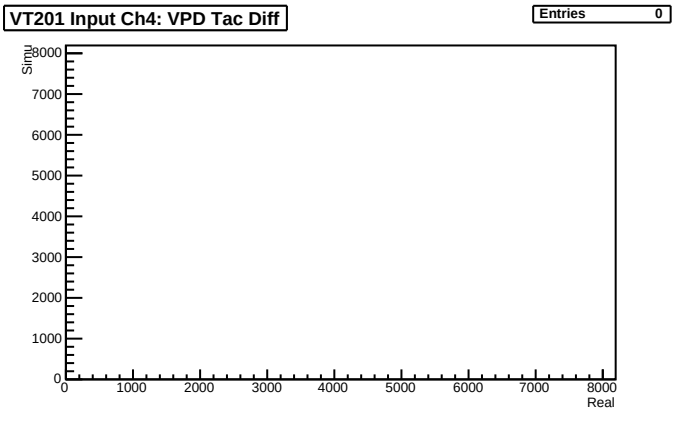

VT201 Input Ch2: ZDC Tac Diff
Entries 401619
Tac

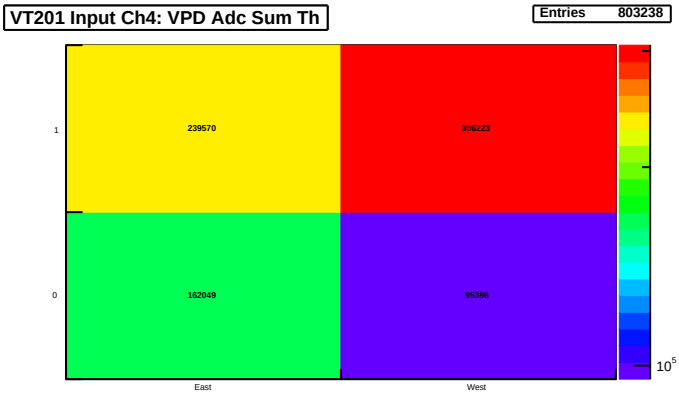

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

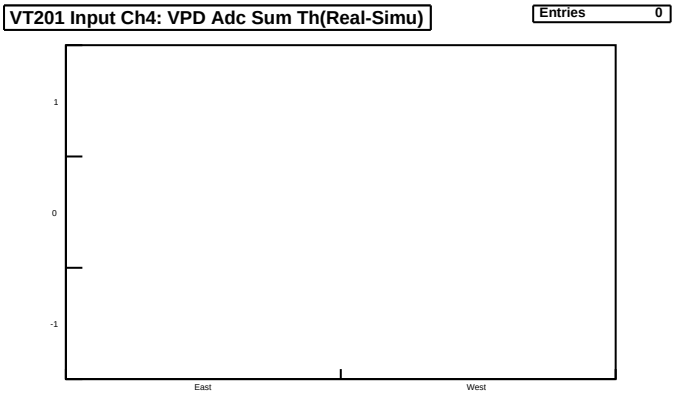

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3212952
9047
2375
14
11
8871
3697
54
44
392572
399244
401605
401608
392748
397922
401565
401575
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

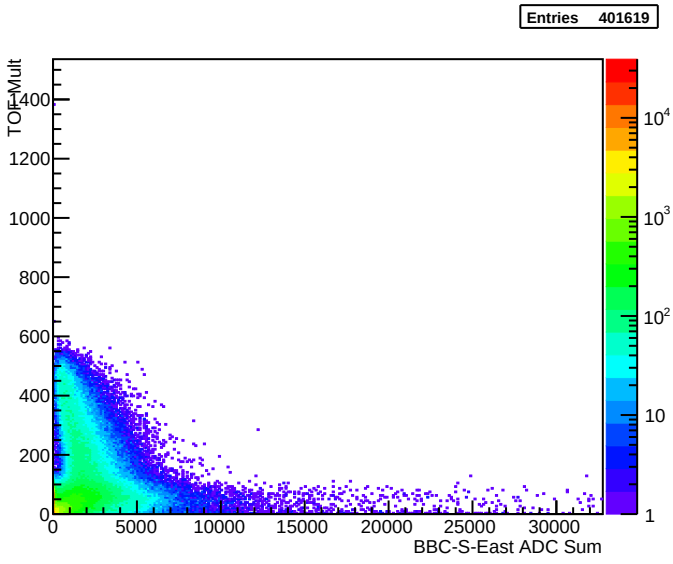

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

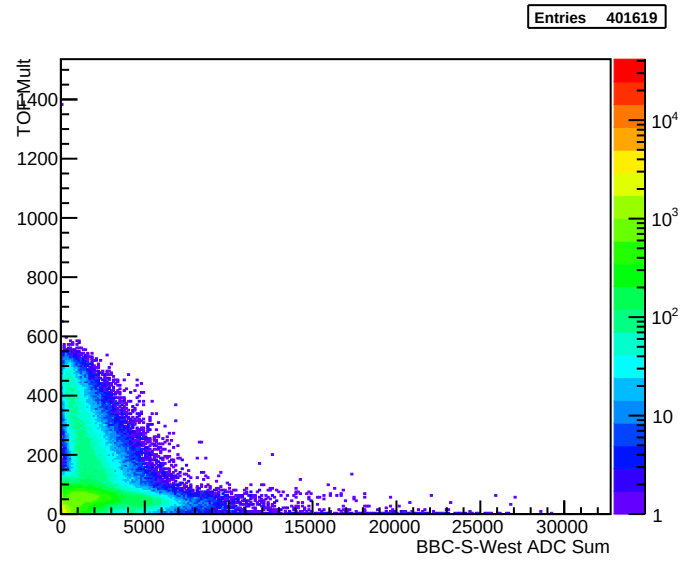

VT201 Input Ch4: VPD Tac Diff
Entries 401619
Tac

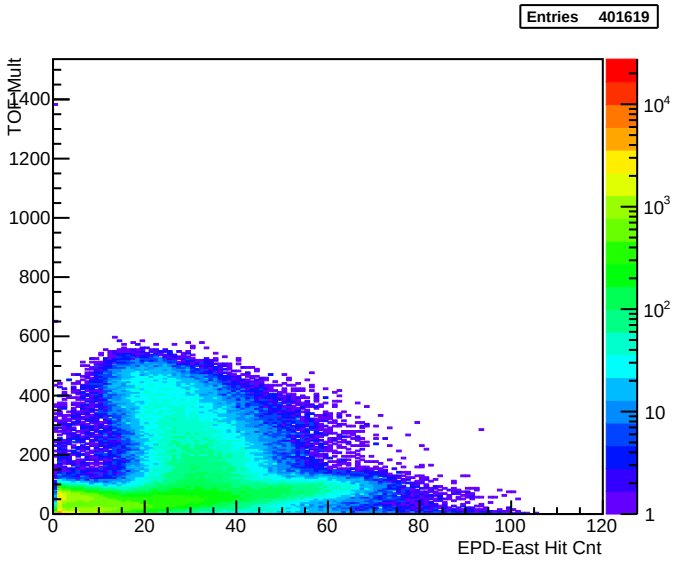

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

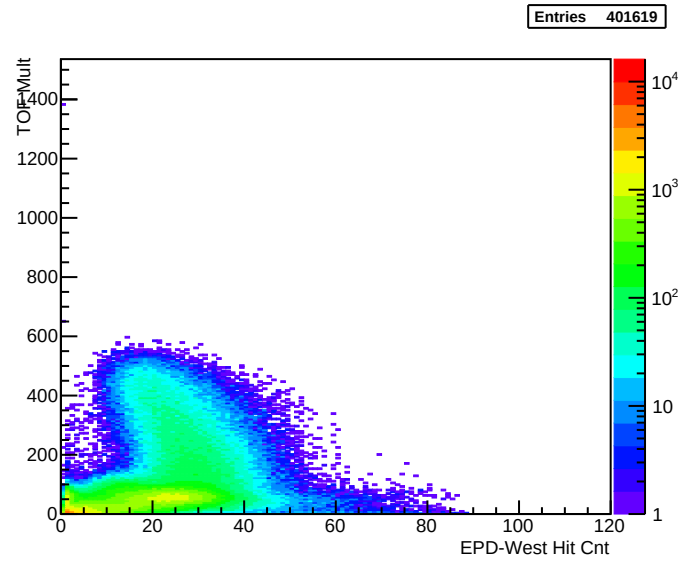

VT201 Input Ch4: VPD Adc Sum Th
Entries 803238
239570
300223
162049
95396
East
West

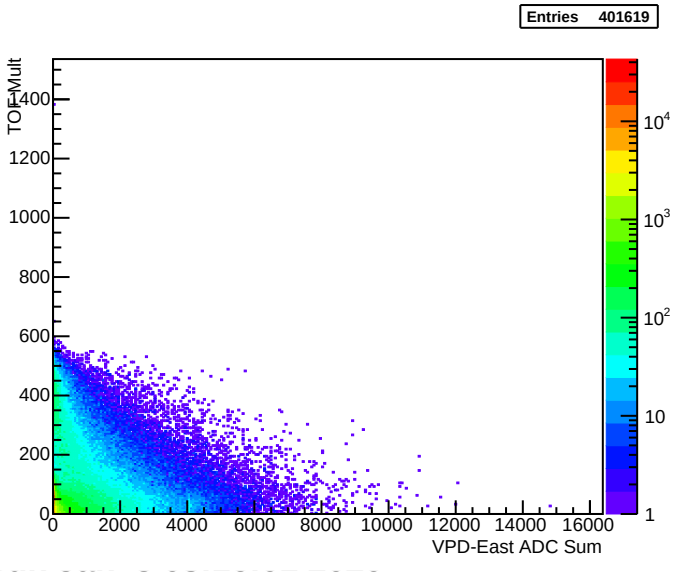

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

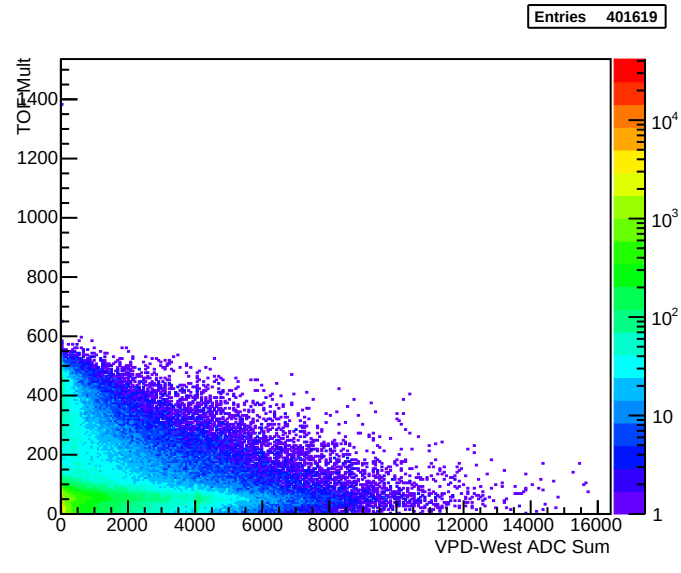

Entries 401619
TOF-Mult
BBC-S-East ADC Sum

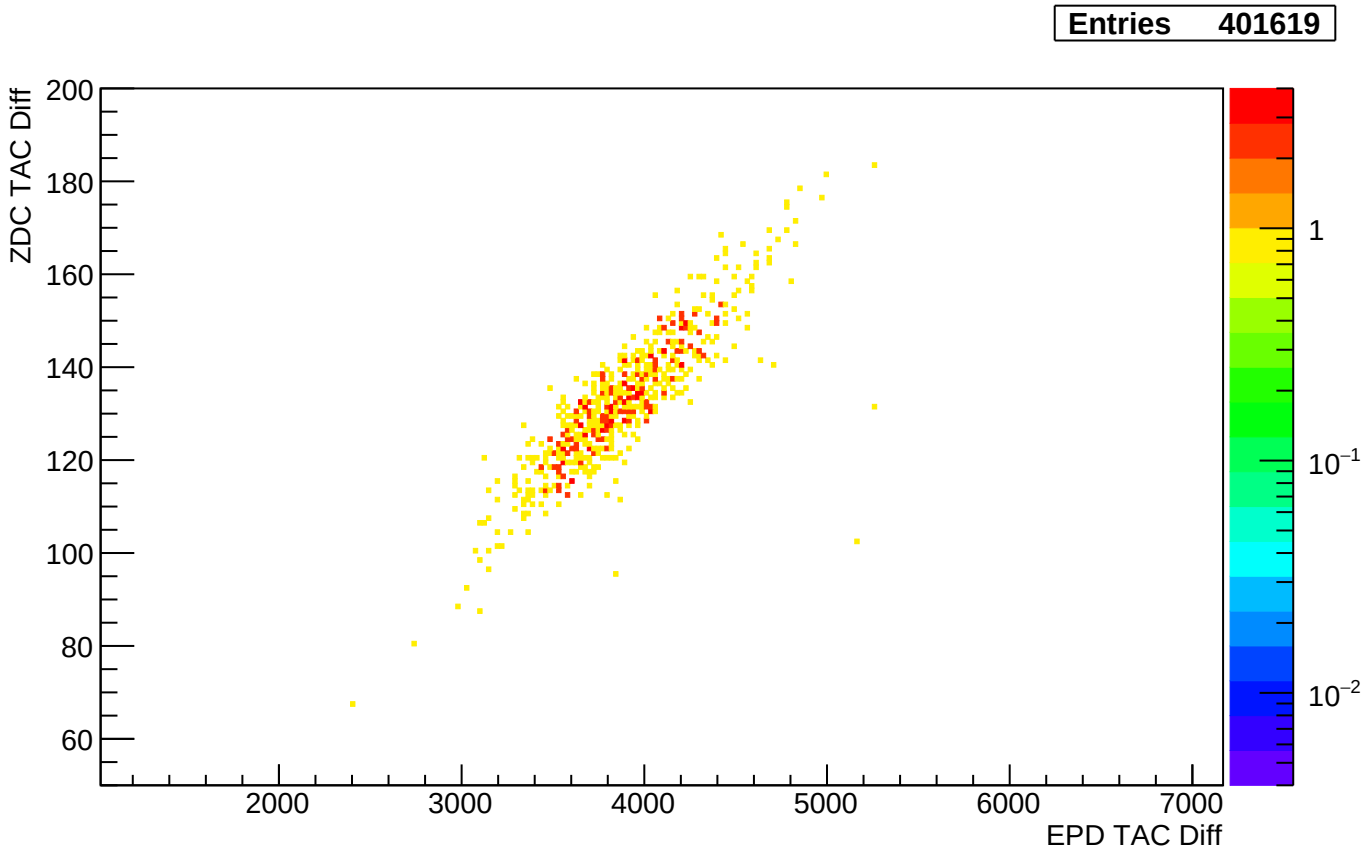

Entries 401619
TOF-Mult
BBC-S-West ADC Sum

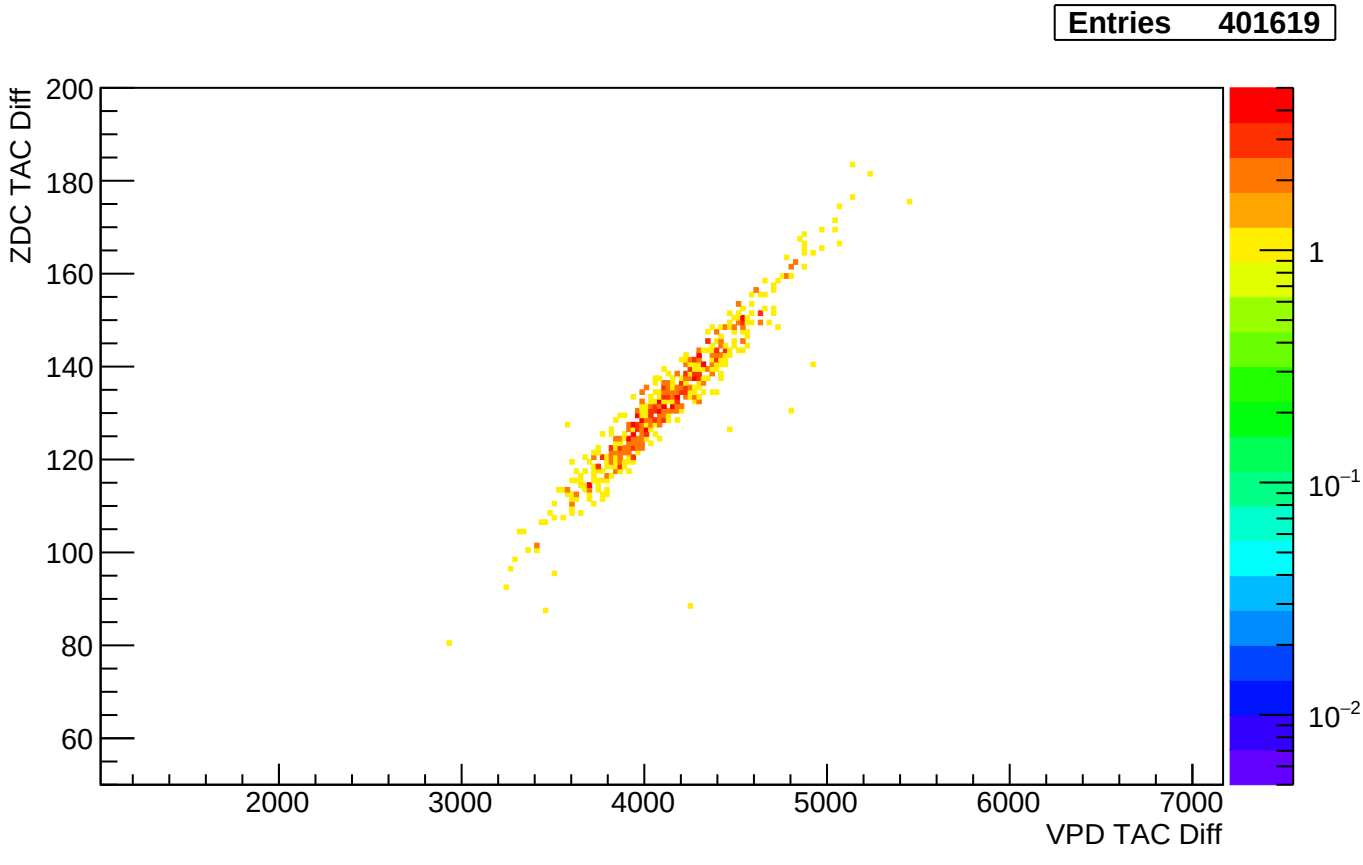

Entries 401619
TOF-Mult
EPD-East Hit Cnt

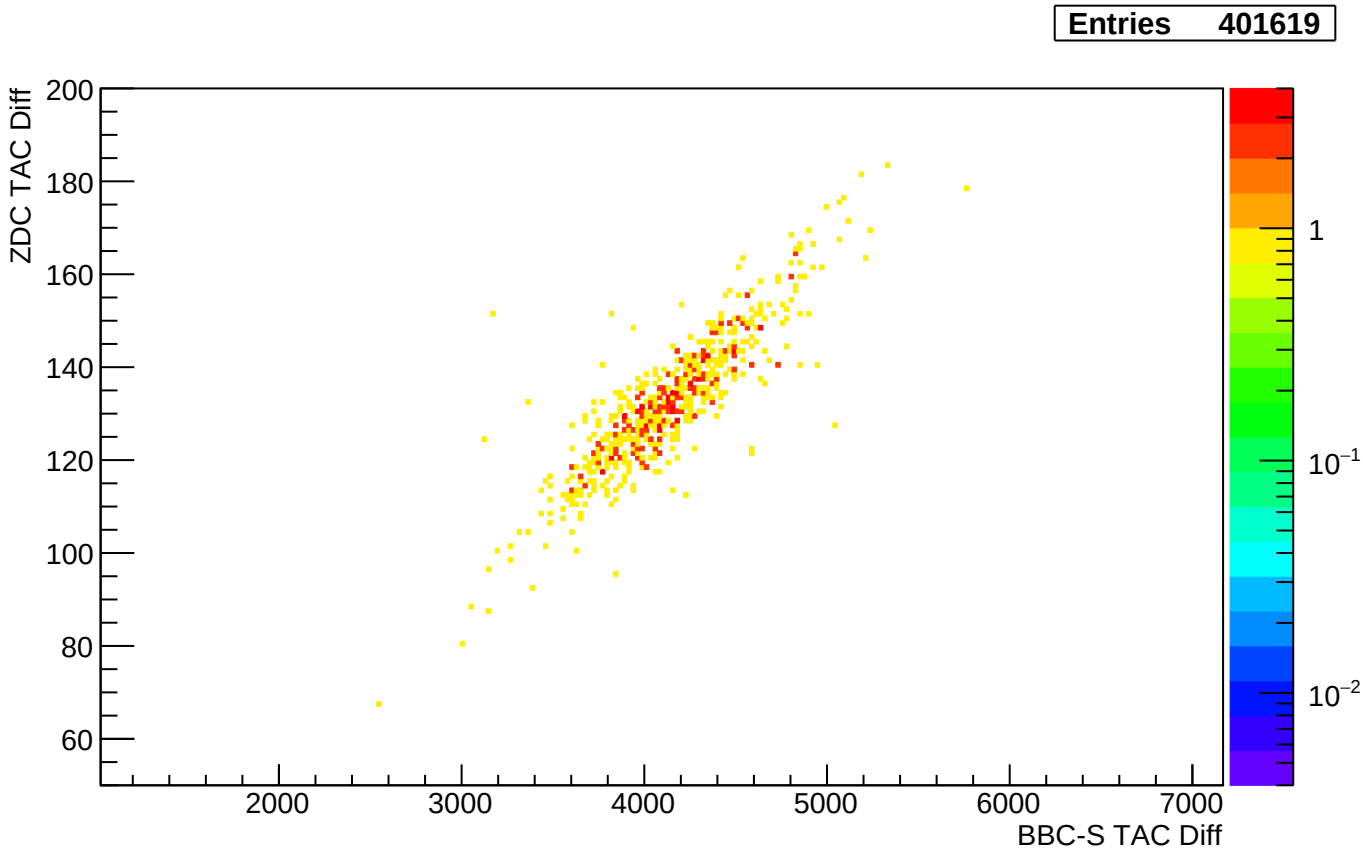

Entries 401619
TOF-Mult
EPD-West Hit Cnt

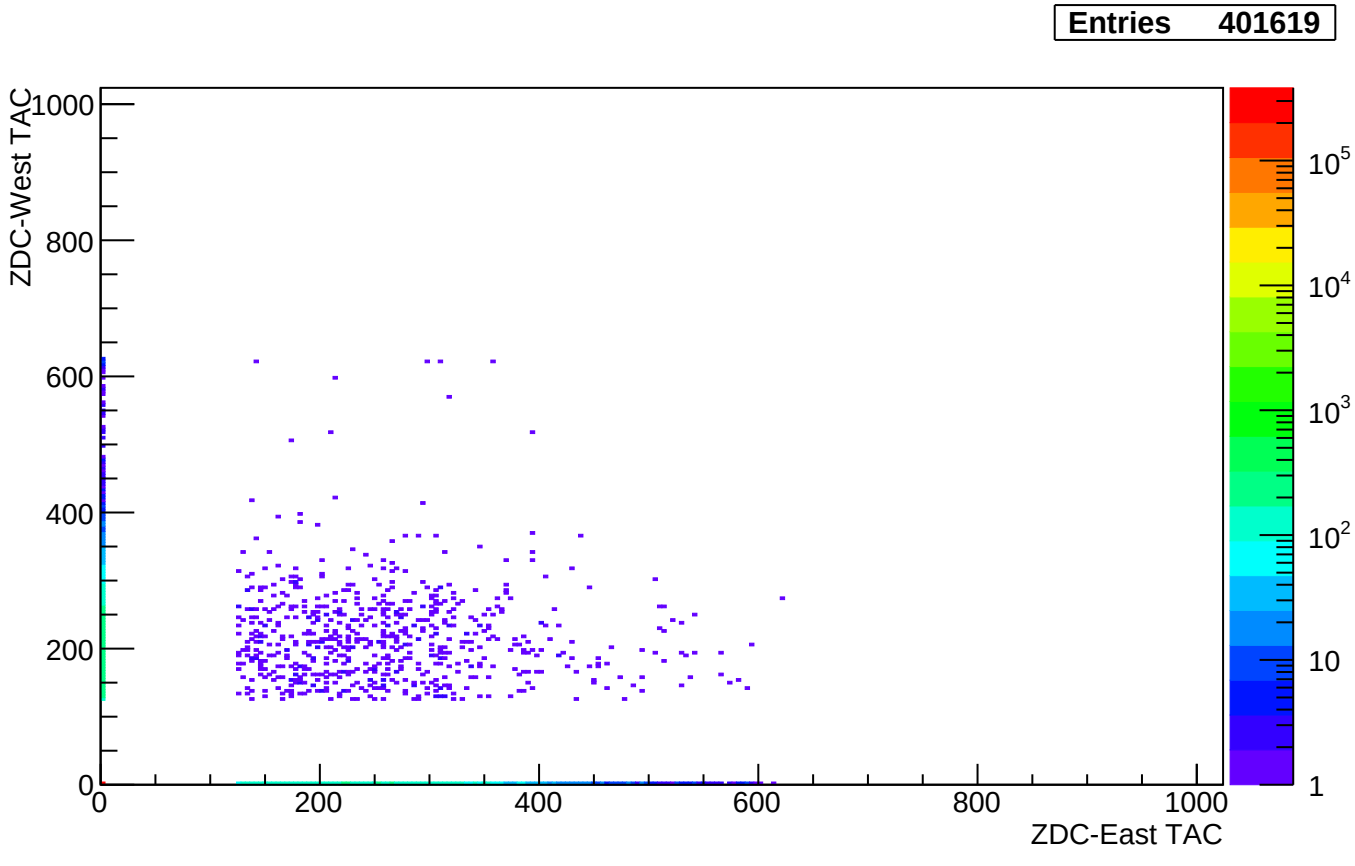

Entries 401619
TOF-Mult
VPD-East ADC Sum

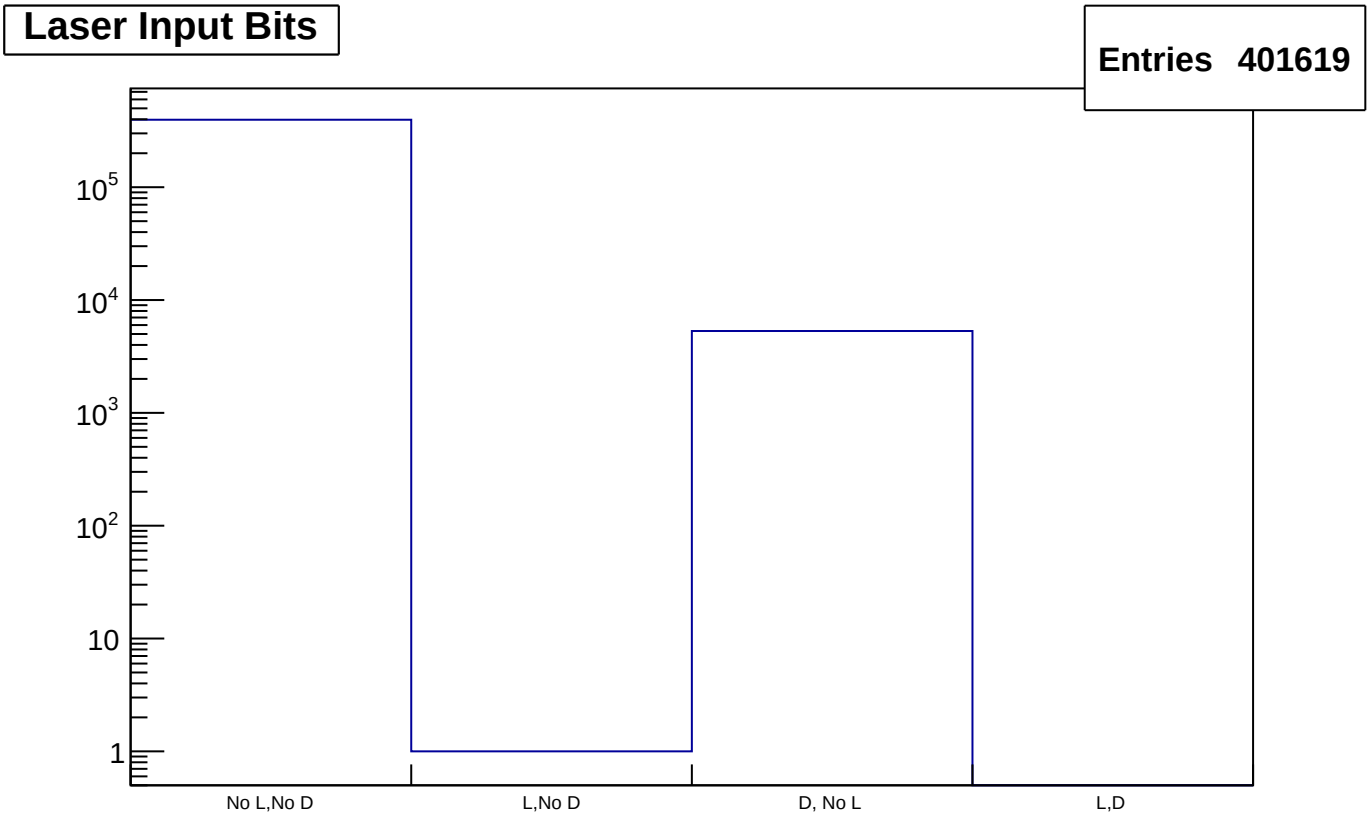

Entries 401619
TOF-Mult
VPD-West ADC Sum

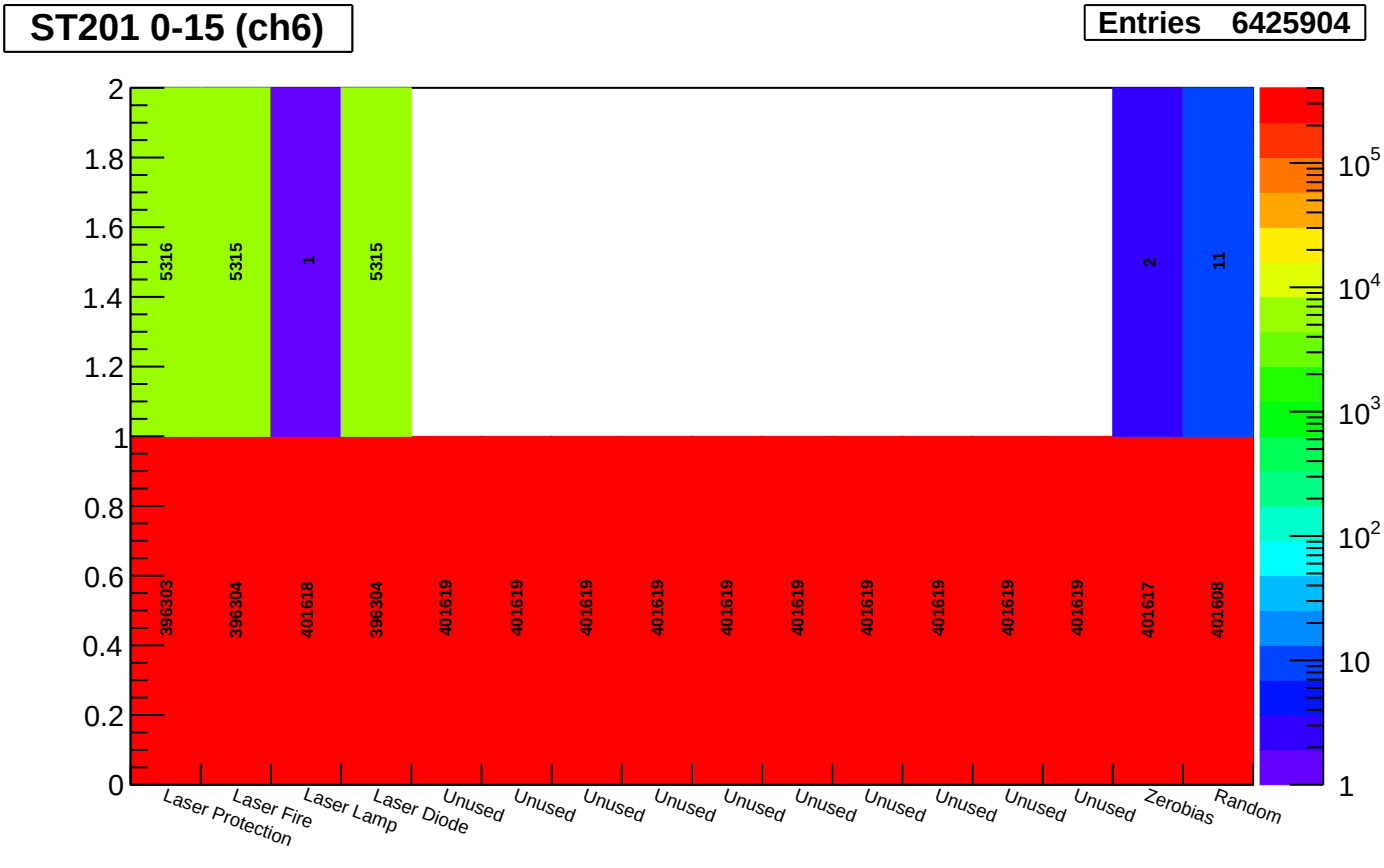

Entries 401619
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

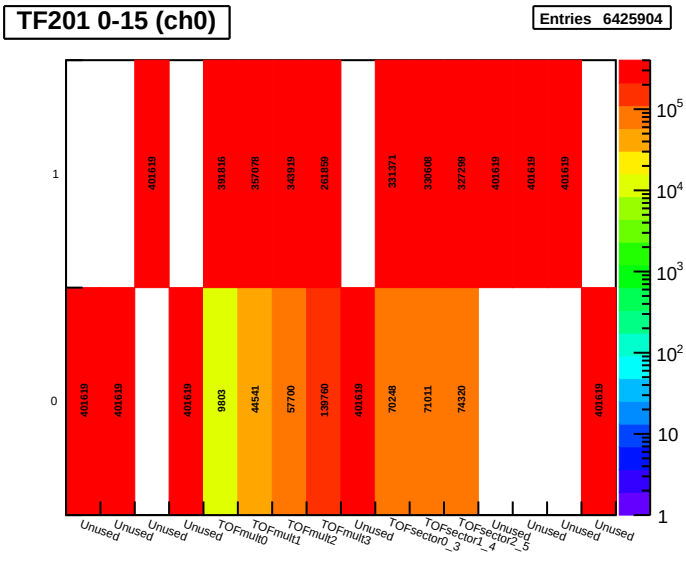

Entries 401619
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

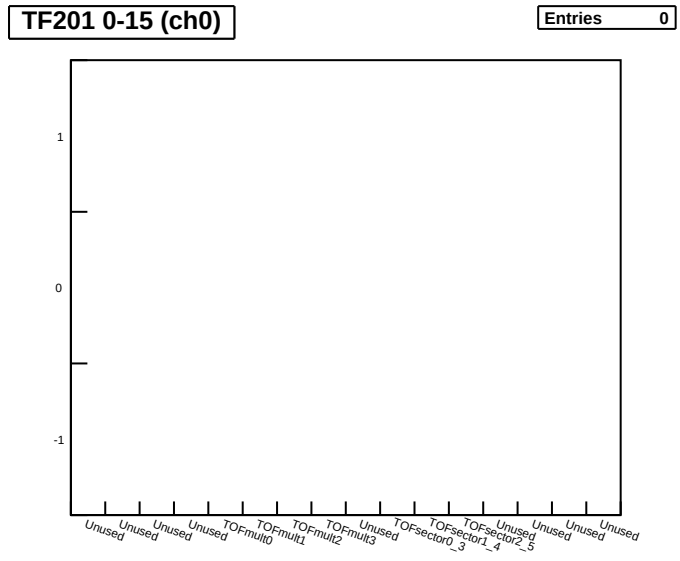

Entries 401619
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

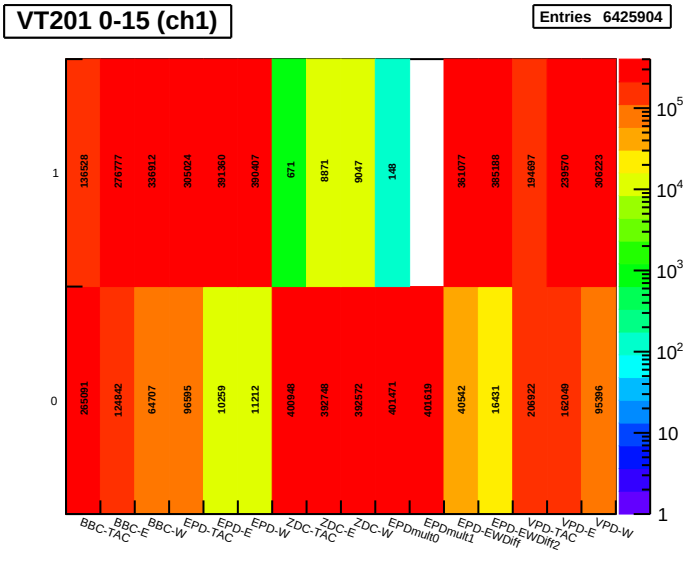

Entries 401619
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

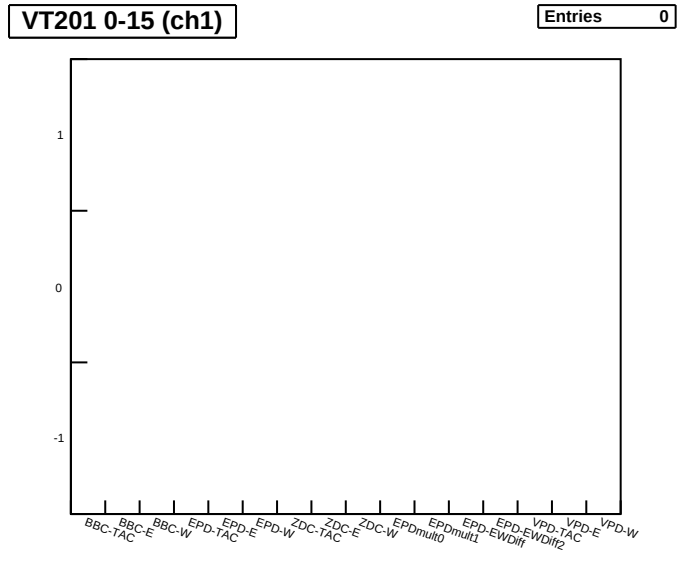

Laser Input Bits
Entries 401619
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

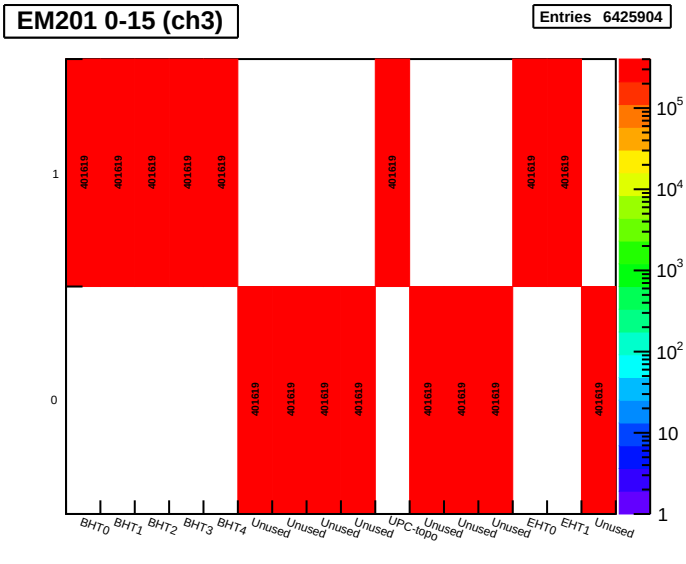

ST201 0-15 (ch6)
Entries 6425904
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
5316
5315
1
5315
2
11
396303
396304
401618
396304
401619
401619
401619
401619
401619
401619
401619
401619
401619
401619
401617
401608
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

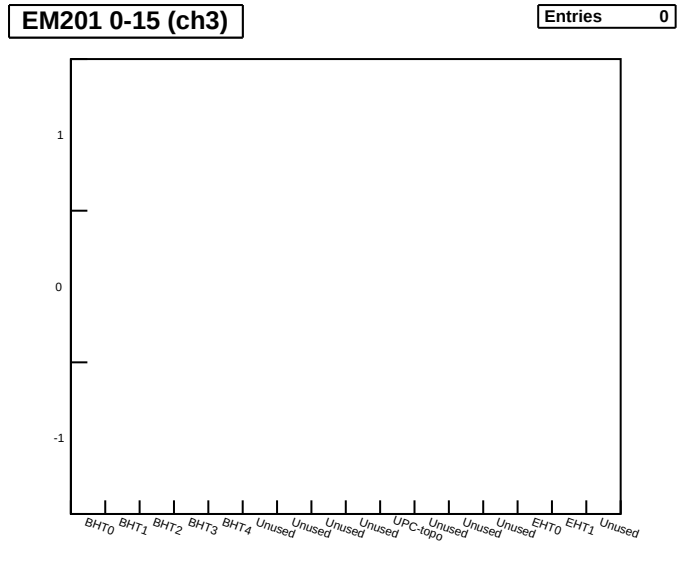

TF201 0-15 (ch0)
Entries 6425904
401619
331816
357078
343919
261859
331371
330608
327299
401619
401619
401619
401619
401619
401619
9803
44541
57700
139760
401619
70248
71011
74320
401619
1
0
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 6425904
136528
276777
336912
305024
391360
390407
671
8871
9047
148
361077
385188
194697
239570
306223
265091
124842
64707
96595
10259
11212
400948
392748
392572
401471
401619
40542
16431
206922
162049
95396
1
0
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 6425904
401619
401619
401619
401619
401619
401619
401619
401619
401619
401619
401619
401619
401619
401619
401619
401619
401619
401619
401619
401619
401619
1
0
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