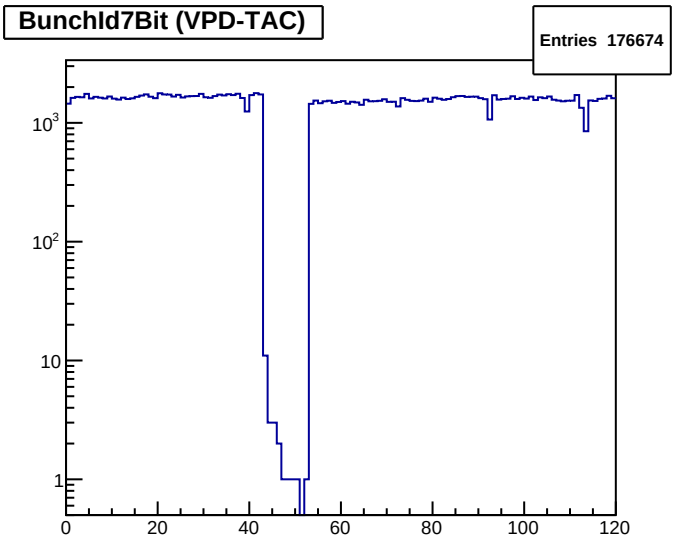
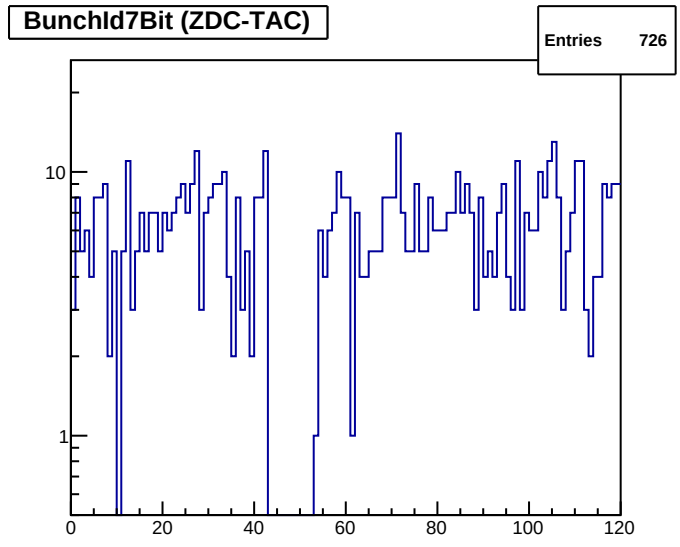
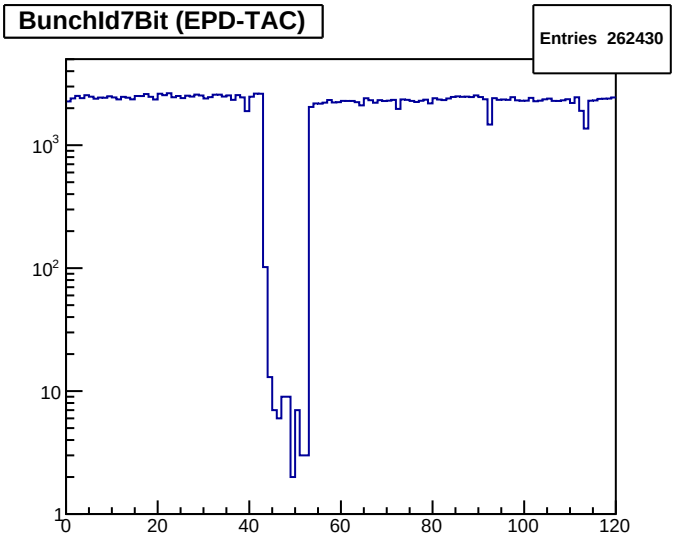
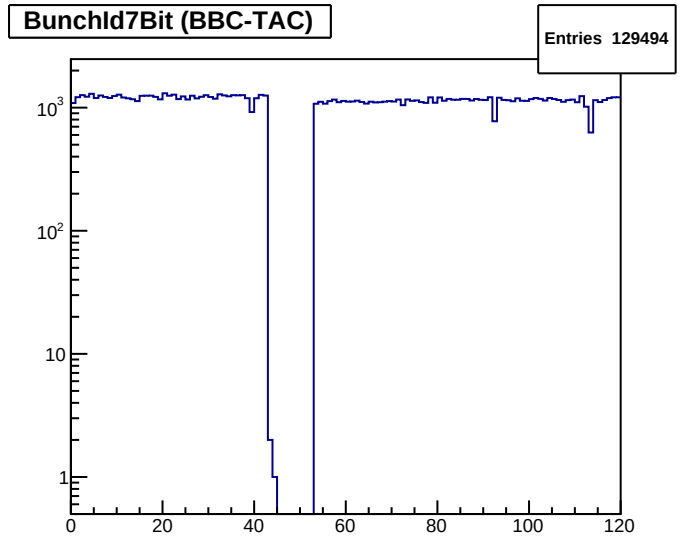
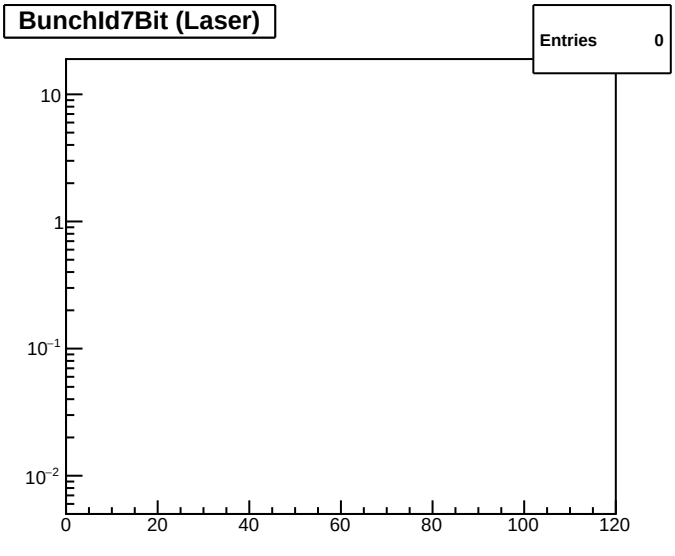
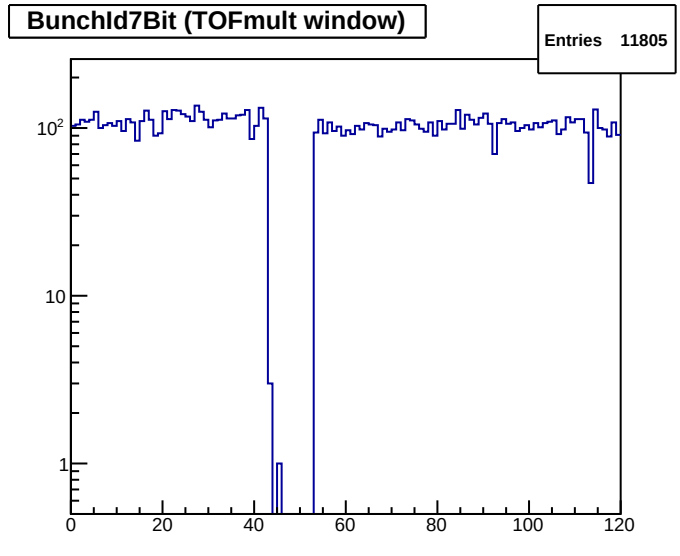

BunchId7Bit (VPD-TAC)
Entries 176674

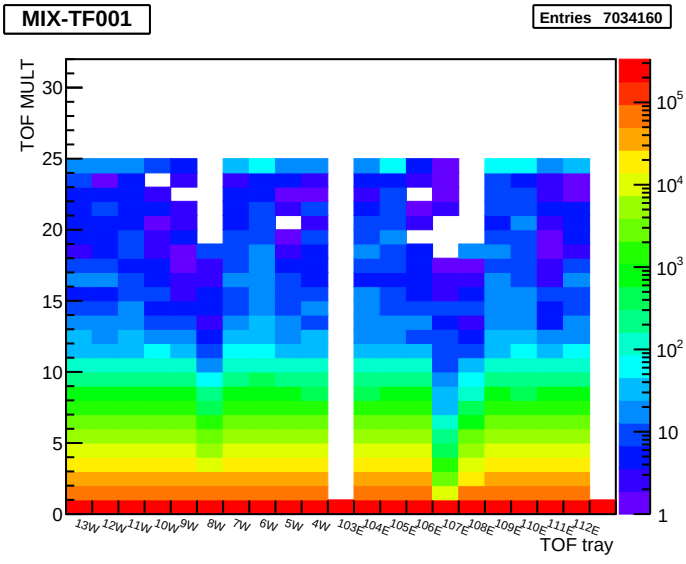

BunchId7Bit (ZDC-TAC)
Entries 726

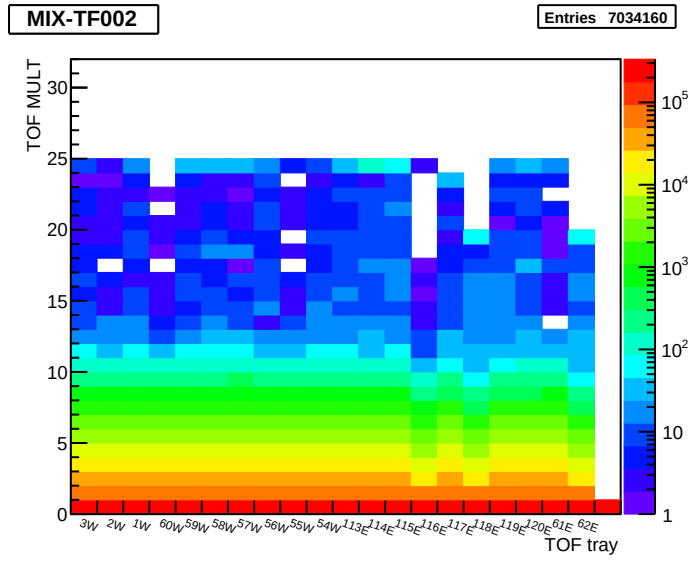

BunchId7Bit (EPD-TAC)
Entries 262430

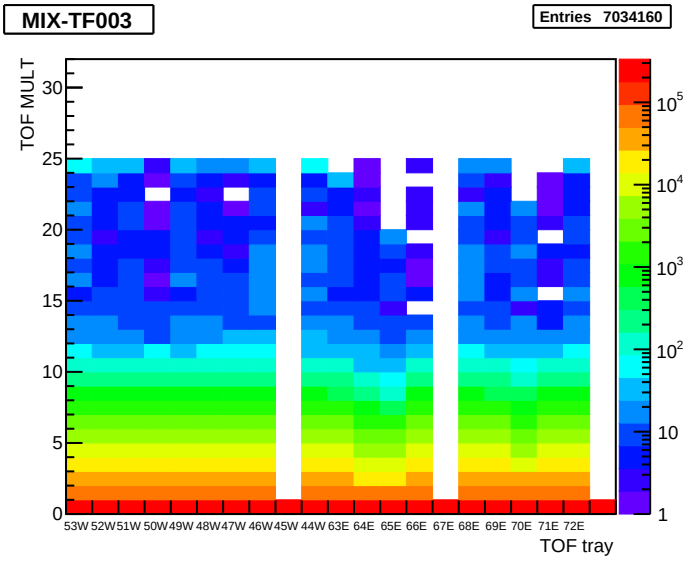

BunchId7Bit (BBC-TAC)
Entries 129494

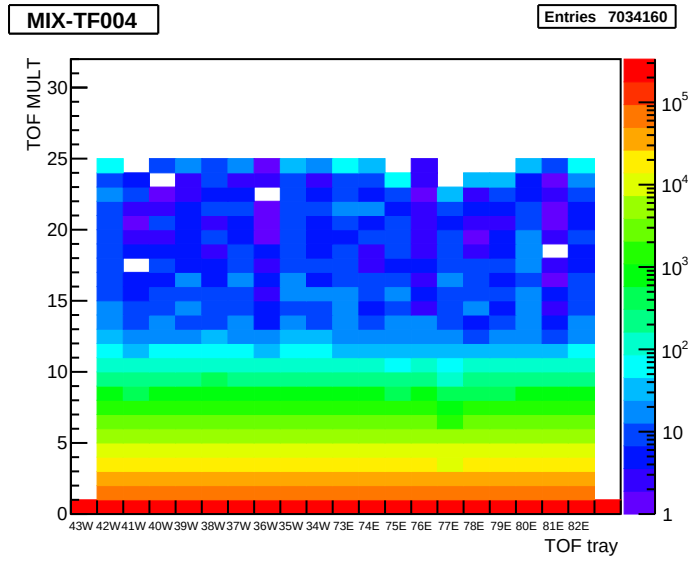

BunchId7Bit (Laser)
Entries 0

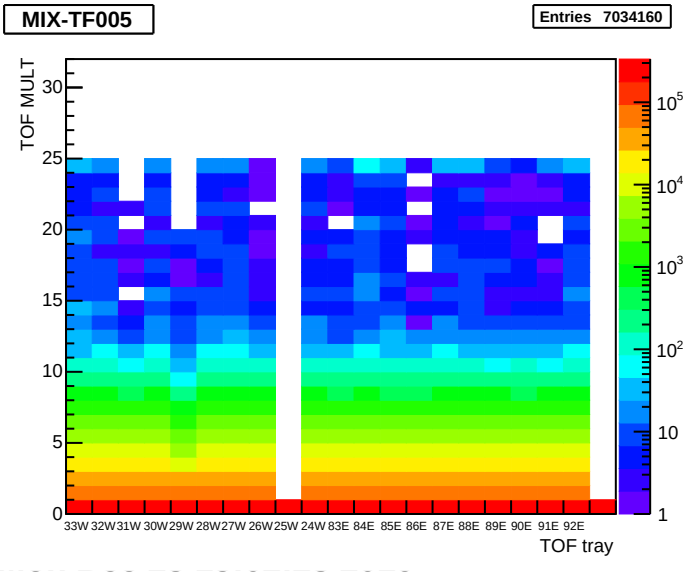

BunchId7Bit (TOFmult window)
Entries 11805

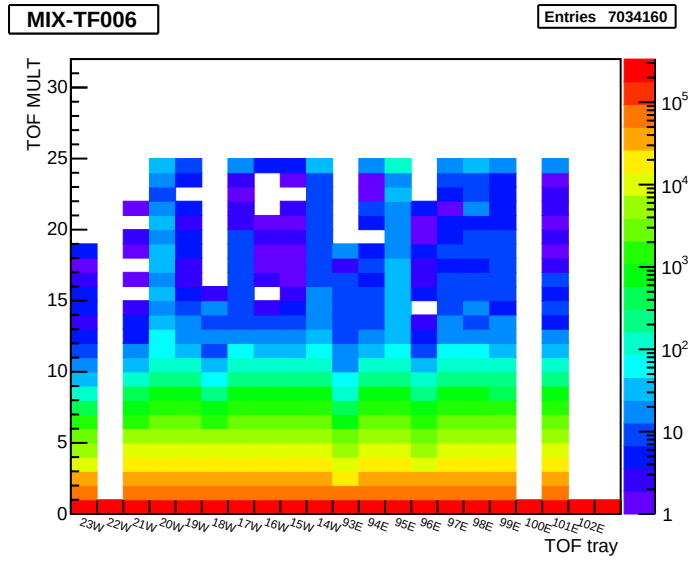

MIX-TF001
Entries 7034160
TOF MULT
TOF tray

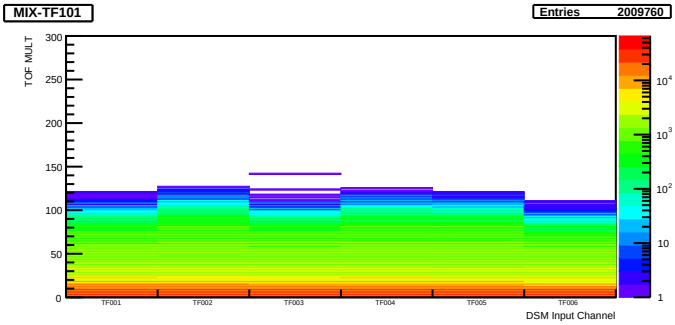

MIX-TF002
Entries 7034160
TOF MULT
TOF tray

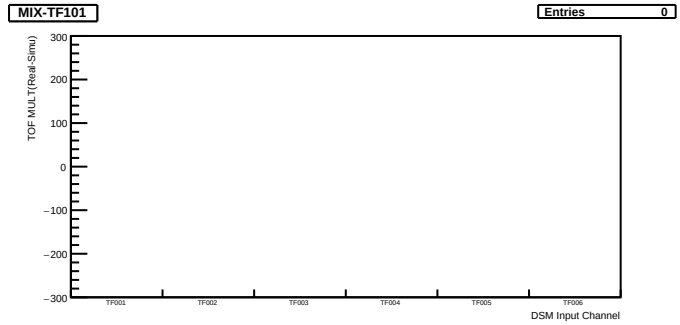

MIX-TF003
Entries 7034160
TOF MULT
TOF tray

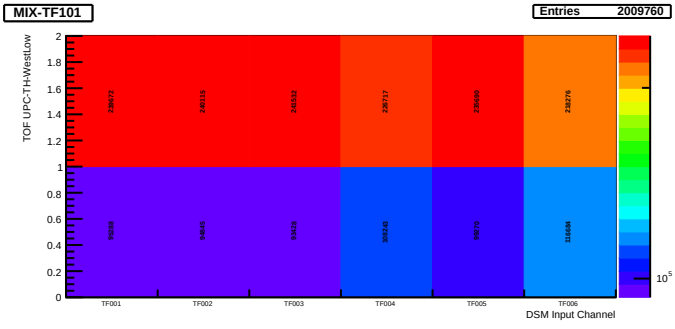

MIX-TF004
Entries 7034160
TOF MULT
TOF tray

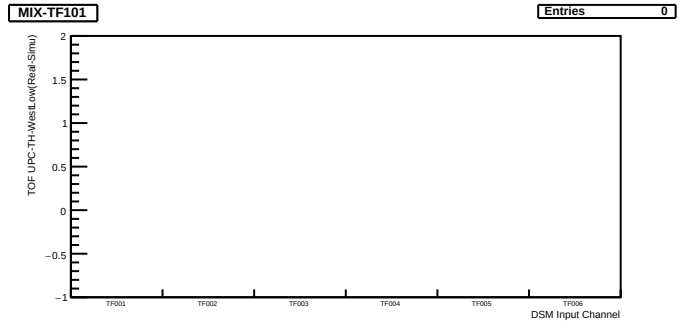

MIX-TF005
Entries 7034160
TOF MULT
TOF tray

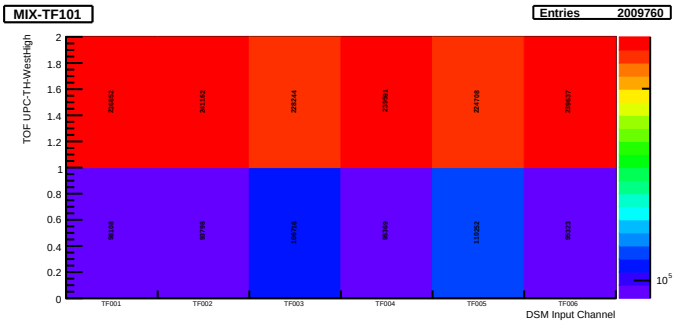

MIX-TF006
Entries 7034160
TOF MULT
TOF tray

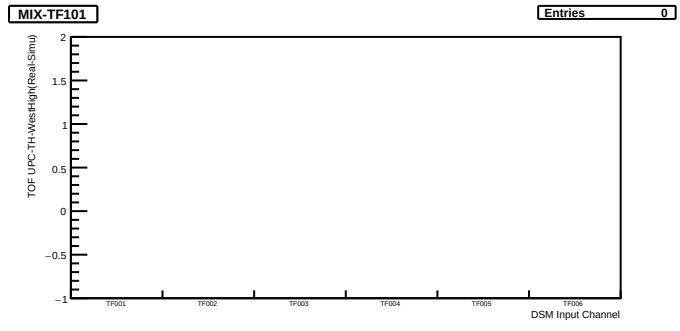

MIX-TF101
Entries 2009760
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

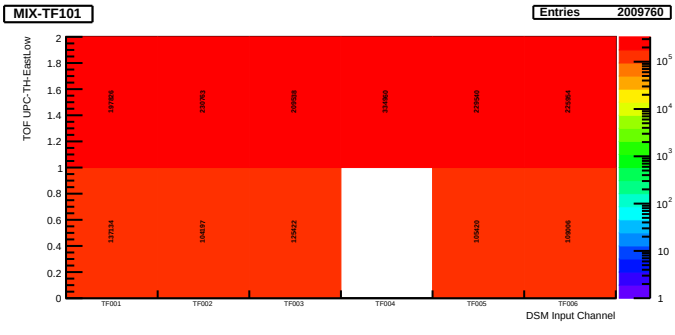

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

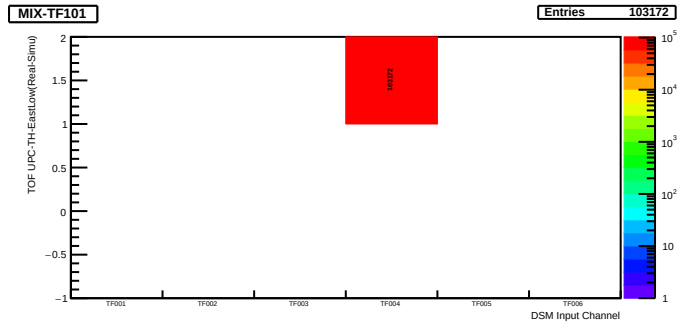

MIX-TF101
Entries 2009760
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

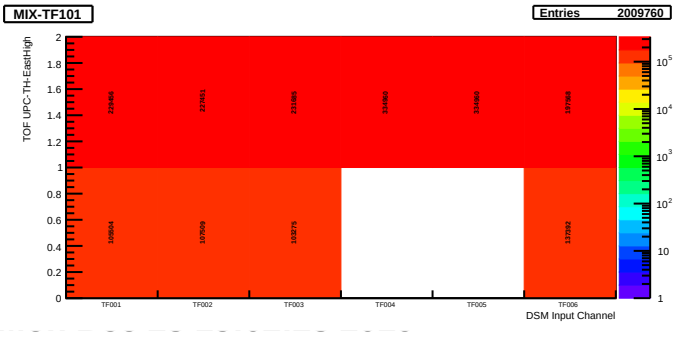

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

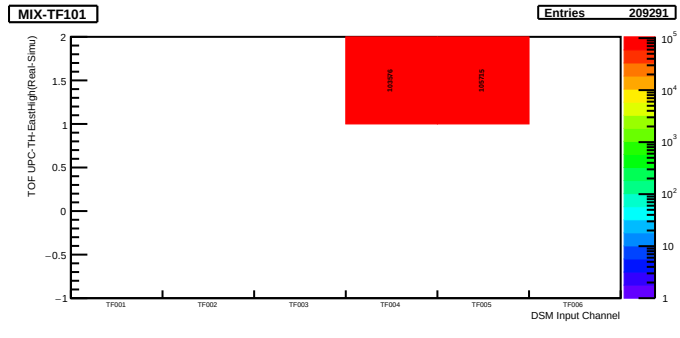

MIX-TF101
Entries 2009760
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

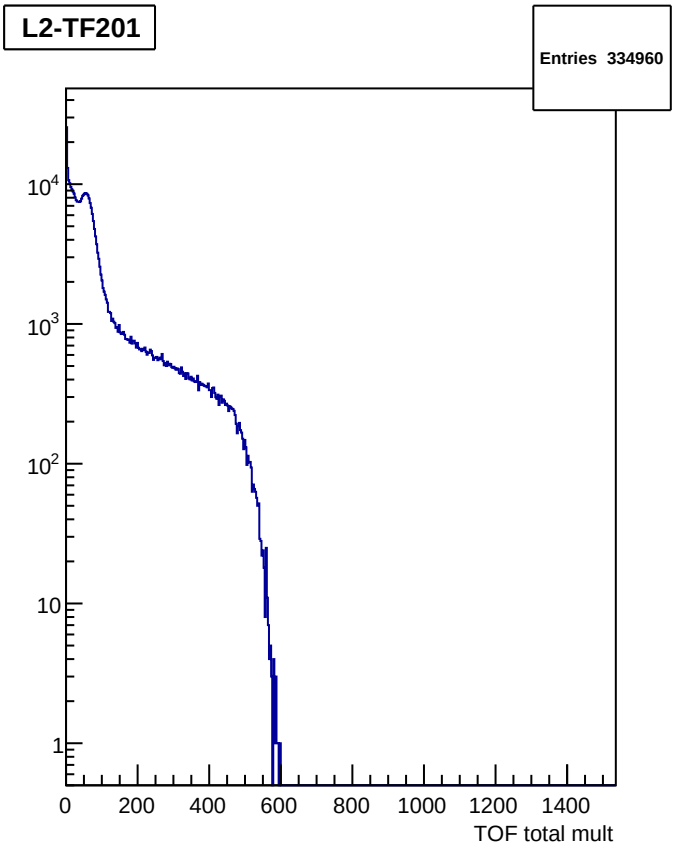

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

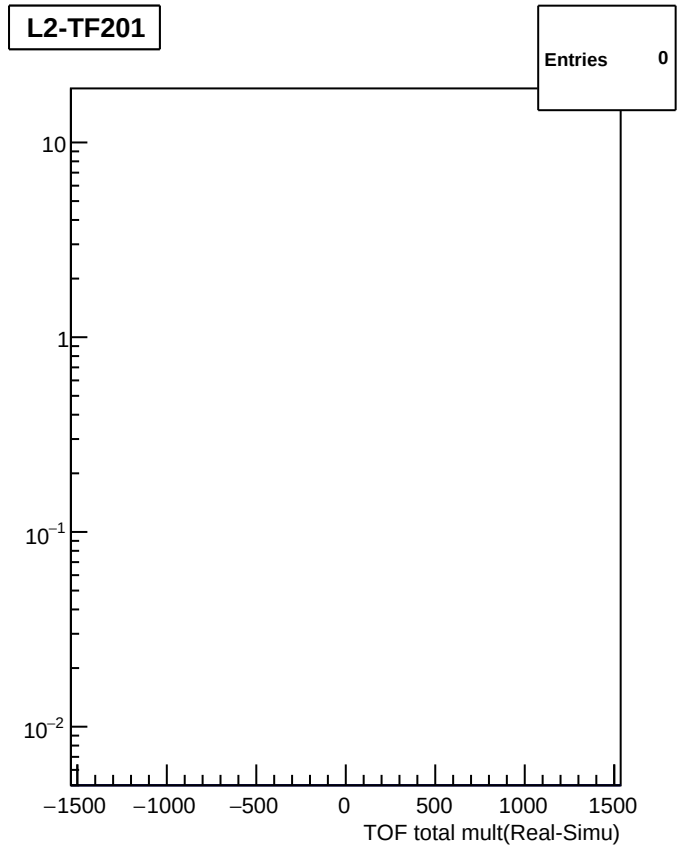

MIX-TF101
Entries 2009760
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

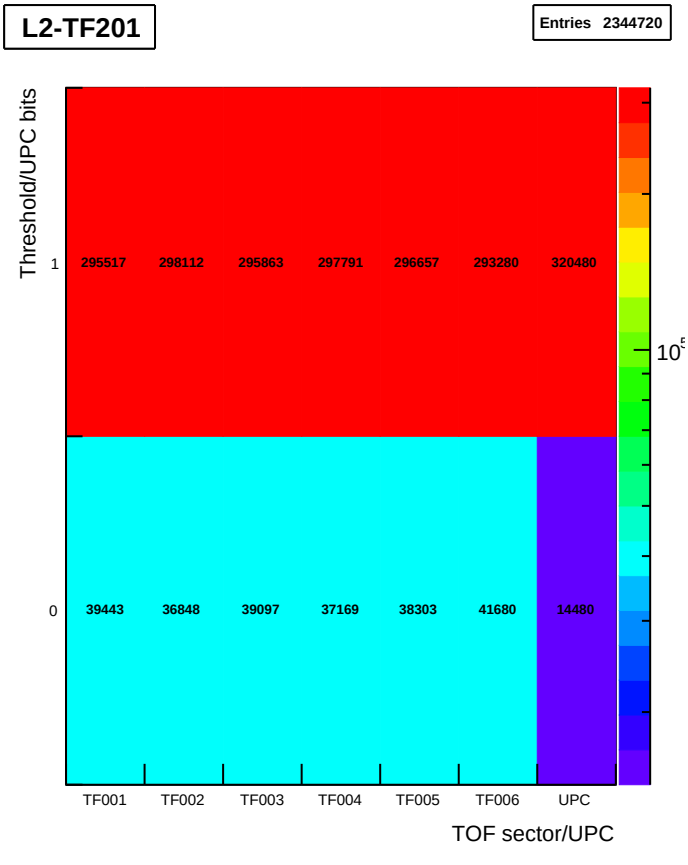

MIX-TF101
Entries 103172
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

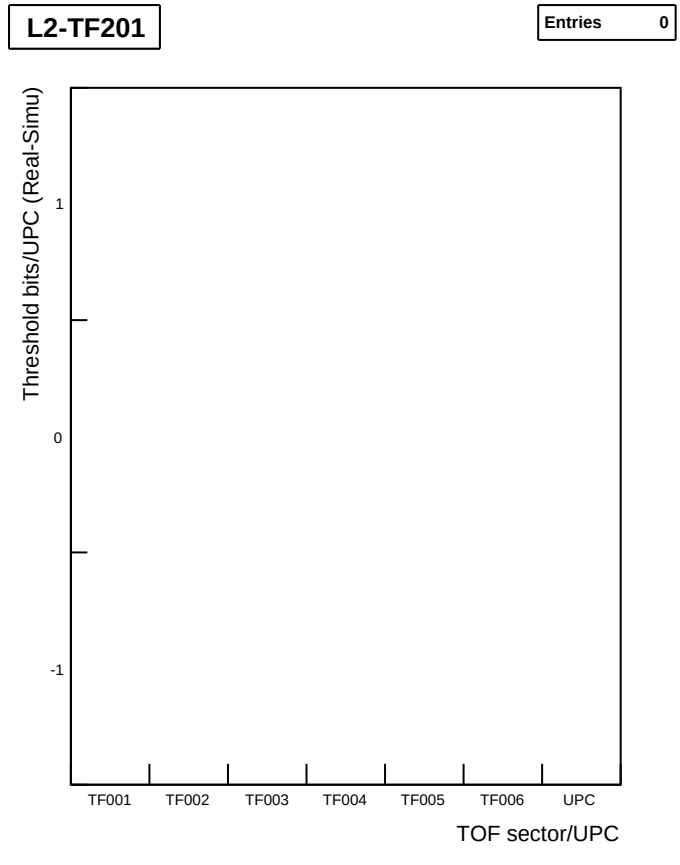

MIX-TF101
Entries 2009760
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

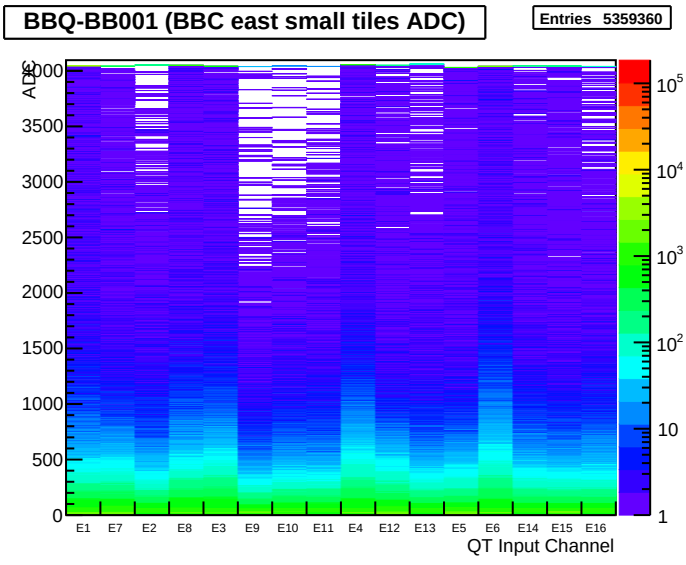

MIX-TF101
Entries 209291
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

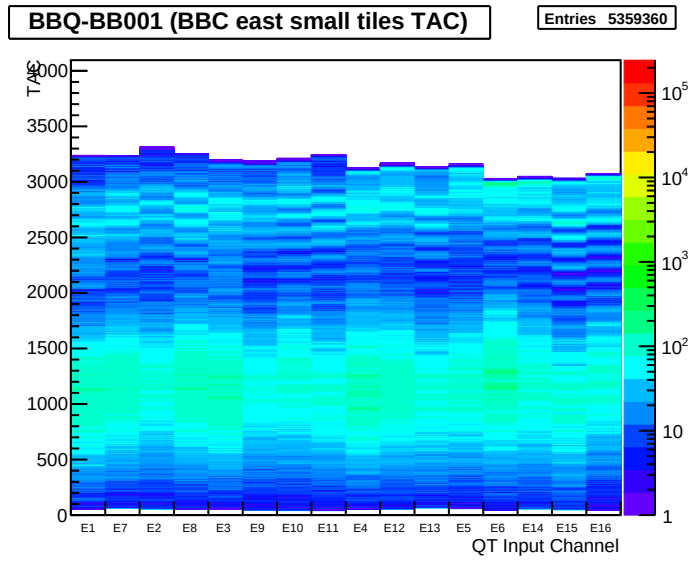

L2-TF201
Entries 334960
TOF total mult

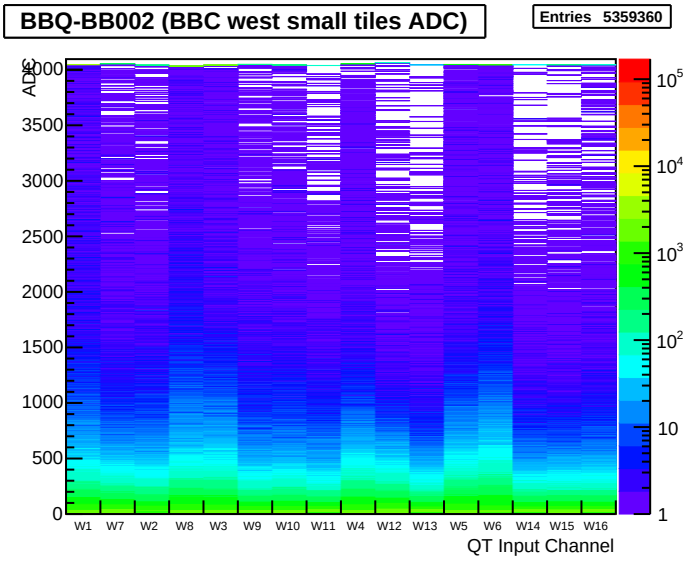

L2-TF201
Entries 0
TOF total mult(Real-Simu)

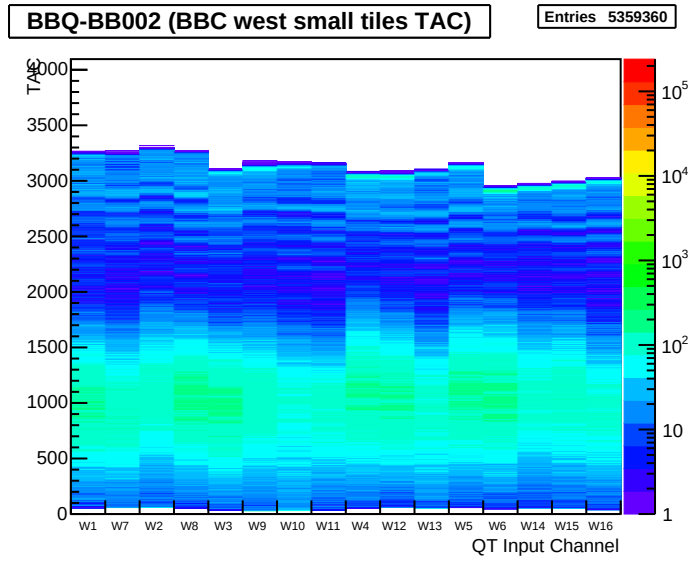

L2-TF201
Entries 2344720
Threshold/UPC bits
295517 298112 295863 297791 296657 293280 320480
39443 36848 39097 37169 38303 41680 14480
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

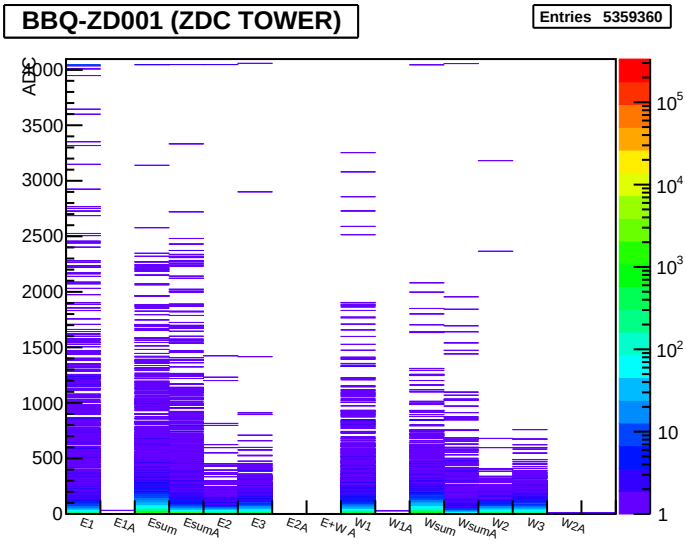

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

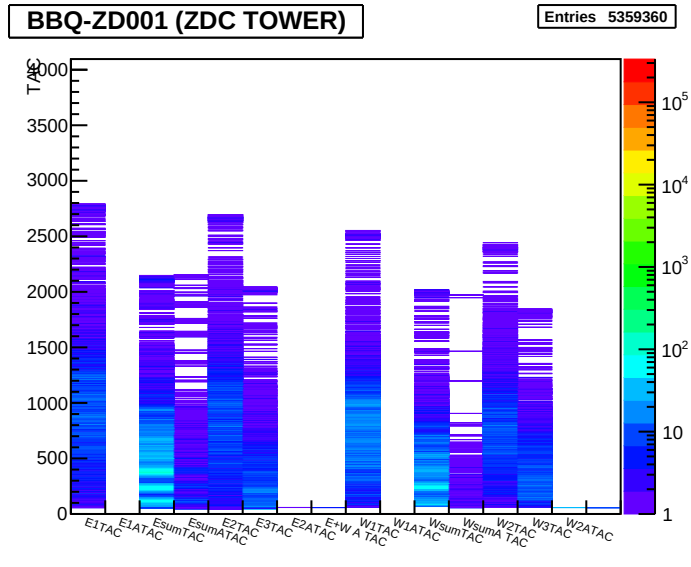

BBQ-BB001 (BBC east small tiles ADC)
Entries 5359360
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

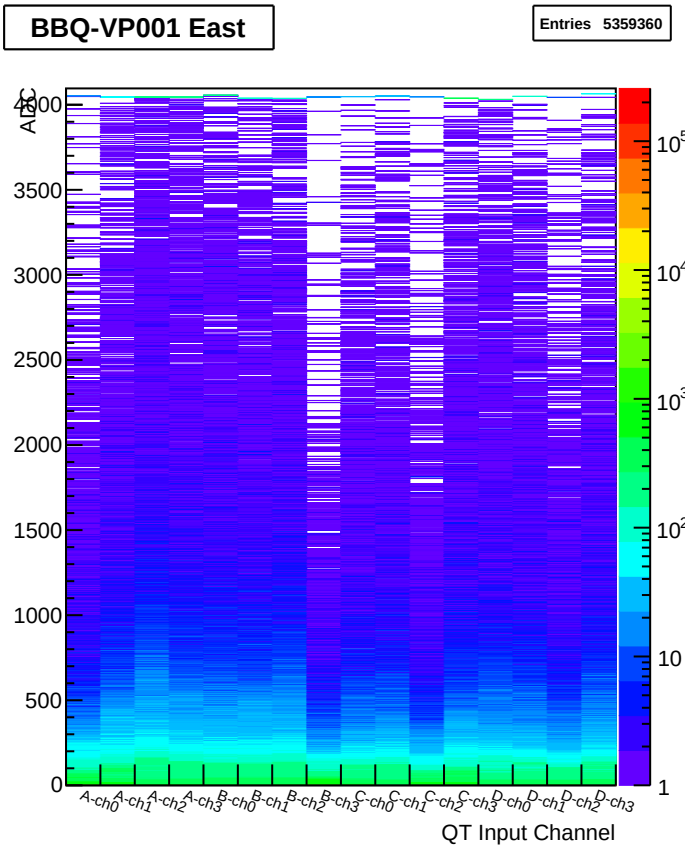

BBQ-BB001 (BBC east small tiles TAC)
Entries 5359360
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

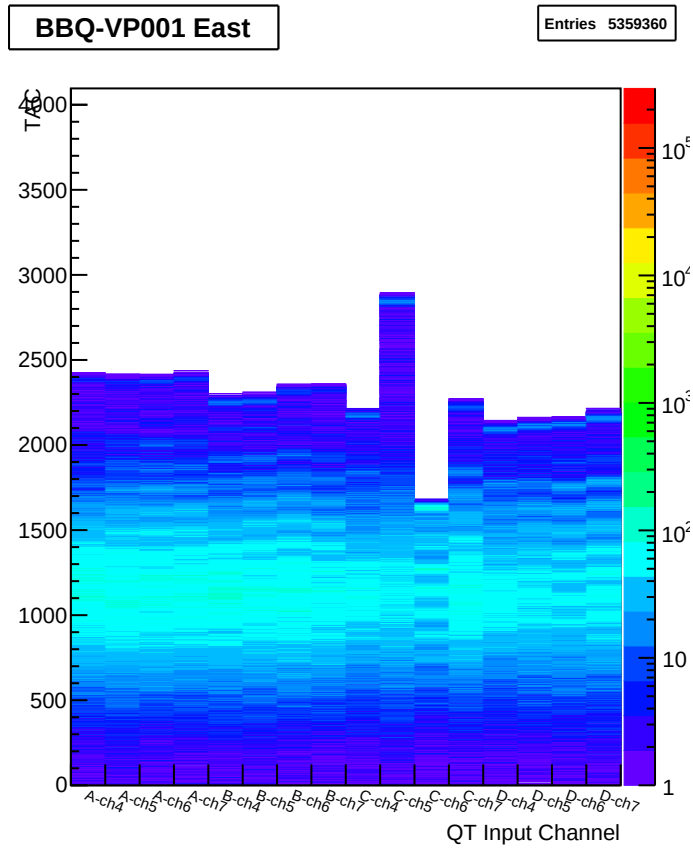

BBQ-BB002 (BBC west small tiles ADC)
Entries 5359360
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

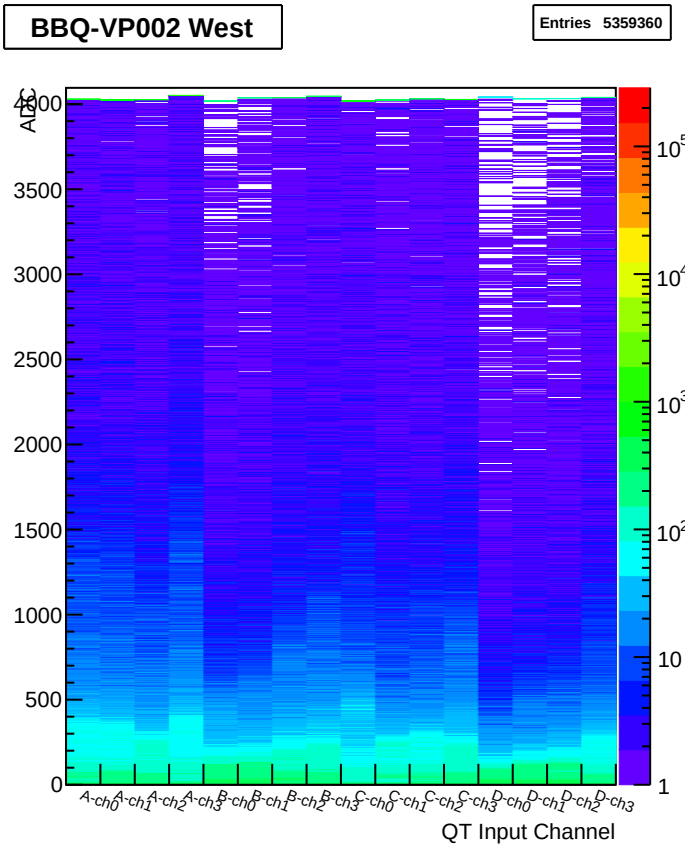

BBQ-BB002 (BBC west small tiles TAC)
Entries 5359360
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

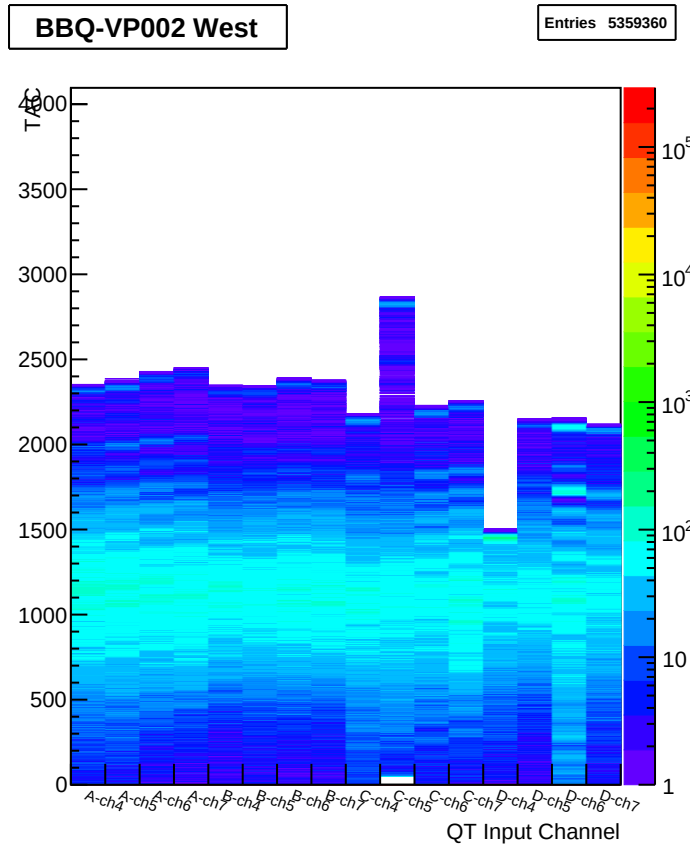

BBQ-ZD001 (ZDC TOWER)
Entries 5359360
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

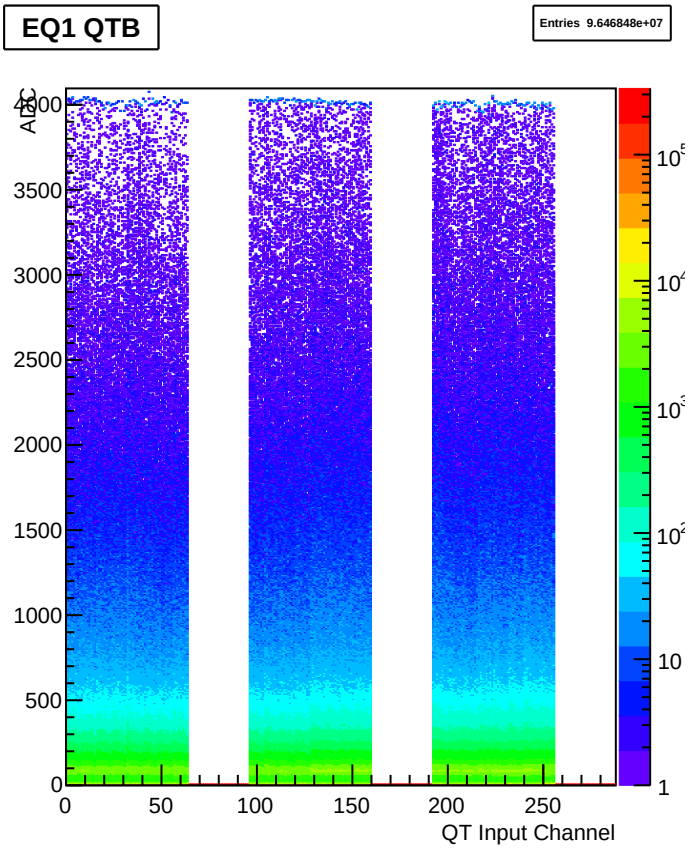

BBQ-ZD001 (ZDC TOWER)
Entries 5359360
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

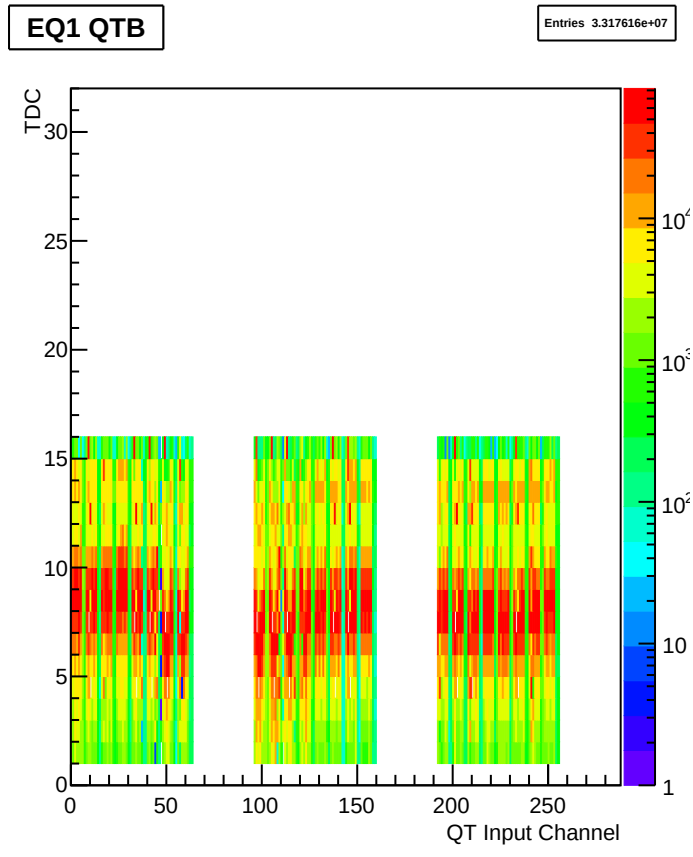

BBQ-VP001 East
Entries 5359360
ADC
QT Input Channel

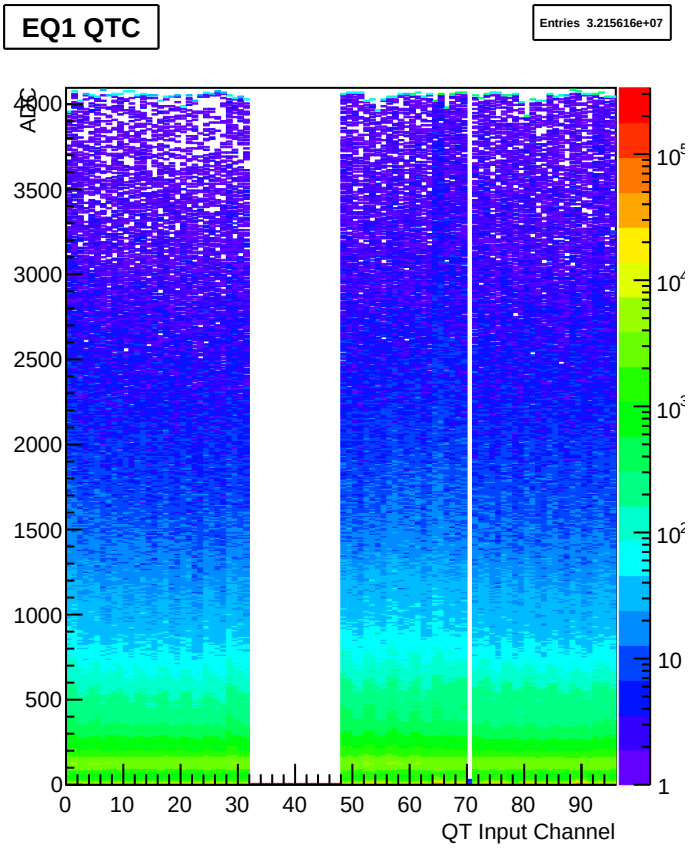

BBQ-VP001 East
Entries 5359360
TADC
QT Input Channel

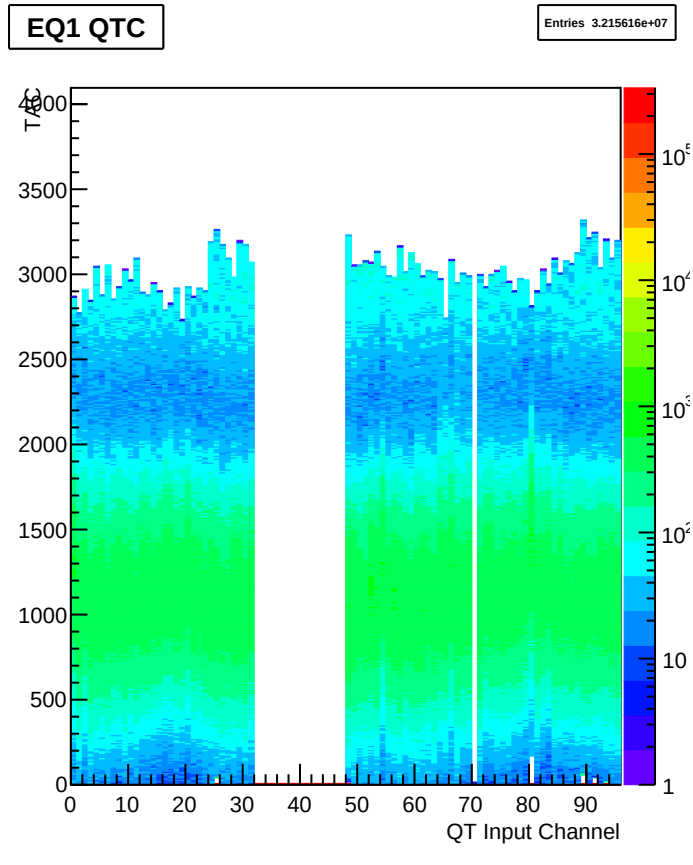

BBQ-VP002 West
Entries 5359360
ADC
QT Input Channel

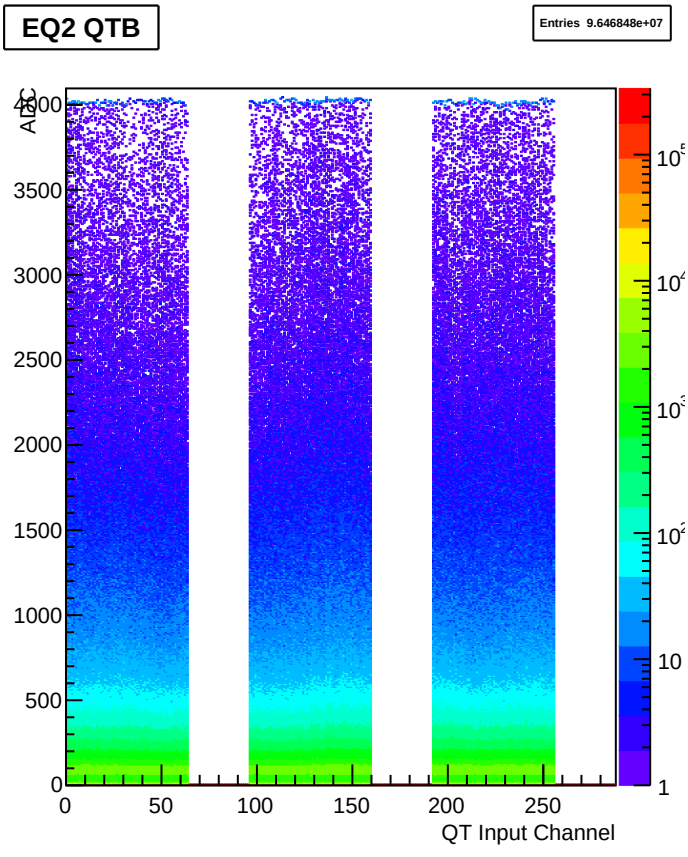

BBQ-VP002 West
Entries 5359360
TADC
QT Input Channel

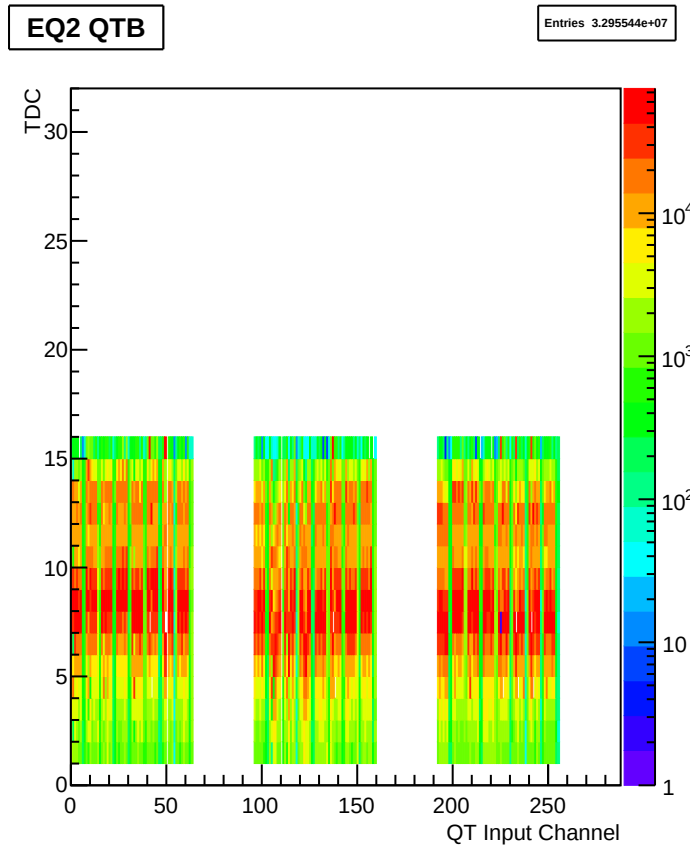

EQ1 QTB
Entries 9.646848e+07
ADC
QT Input Channel

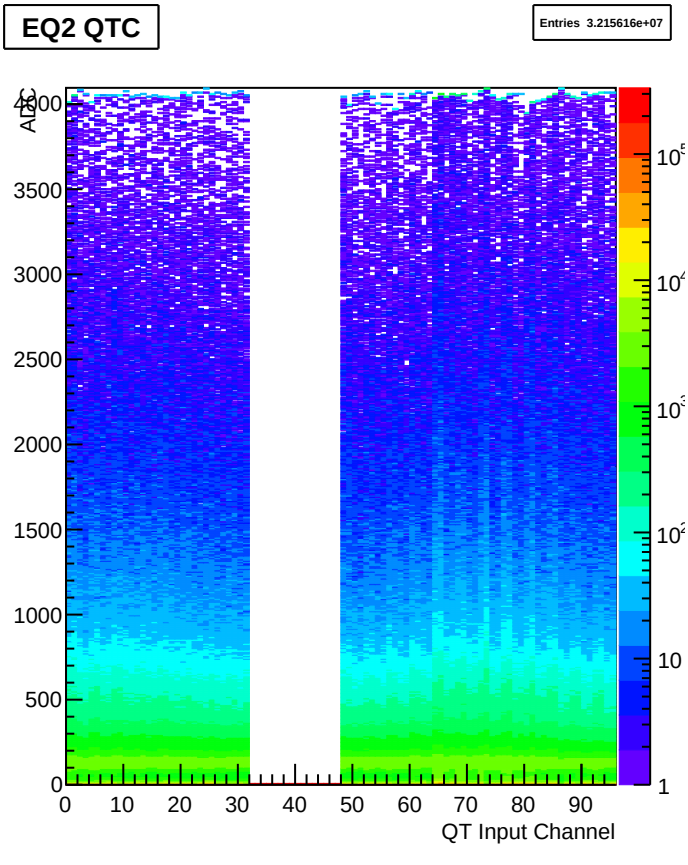

EQ1 QTB
Entries 3.317616e+07
TDC
QT Input Channel

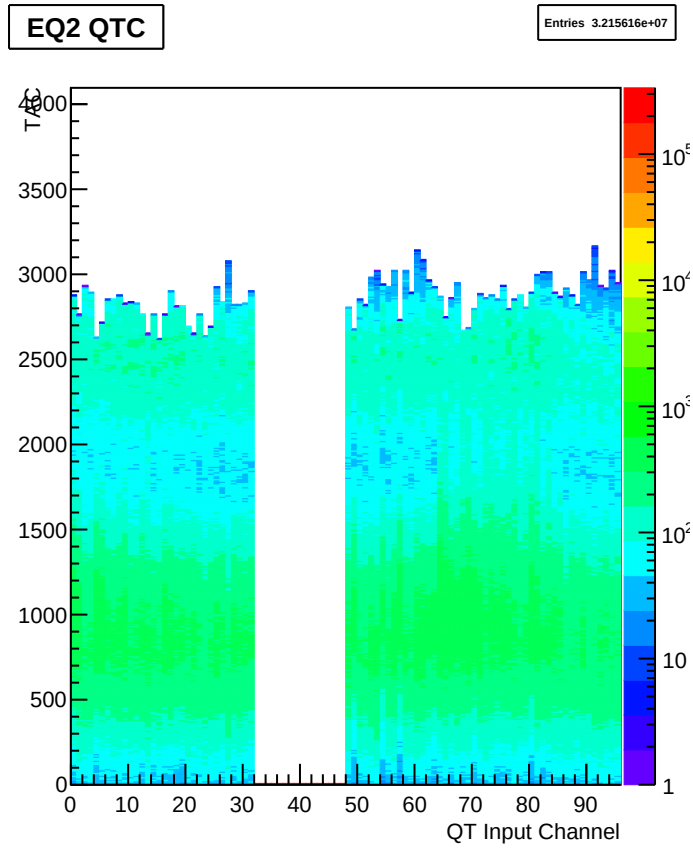

EQ1 QTC
Entries 3.215616e+07
ADC
QT Input Channel

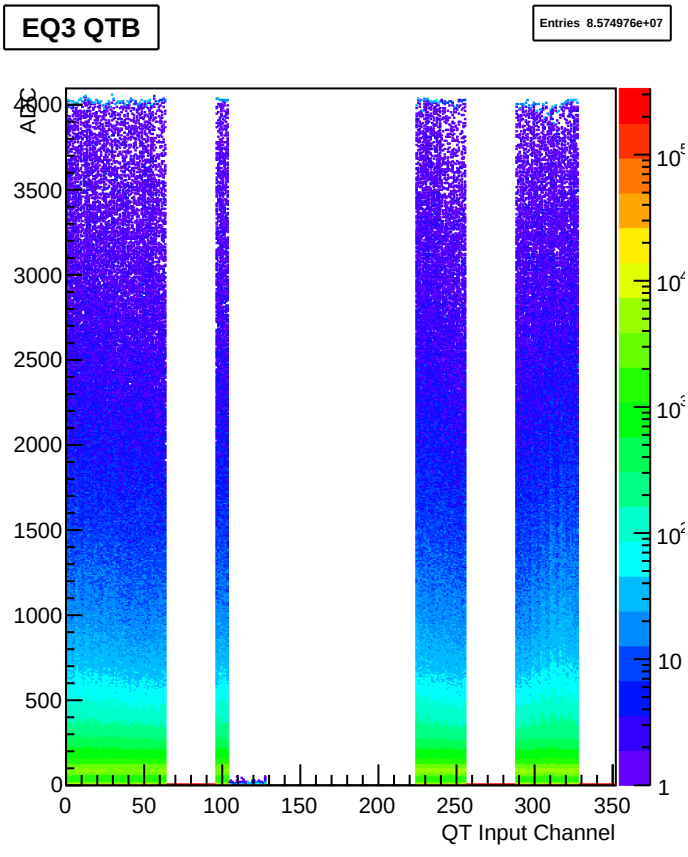

EQ1 QTC
Entries 3.215616e+07
TADC
QT Input Channel

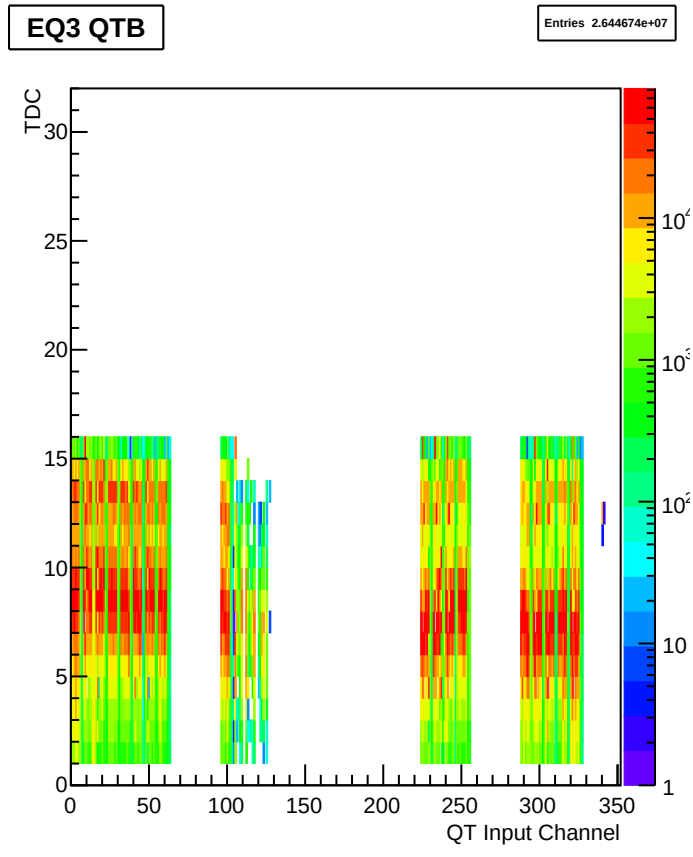

EQ2 QTB
Entries 9.646848e+07
ADC
QT Input Channel

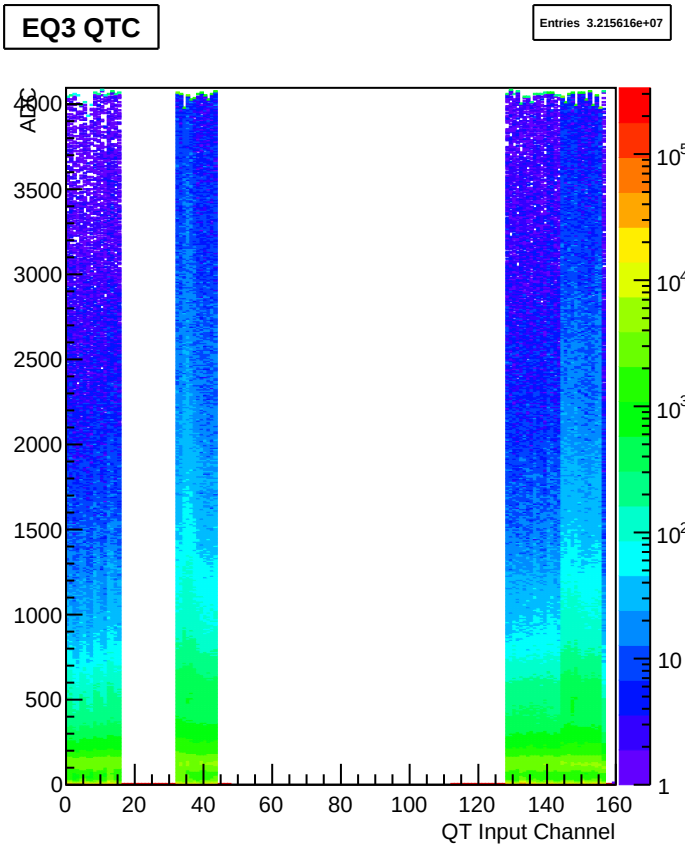

EQ2 QTB
Entries 3.295544e+07
TDC
QT Input Channel

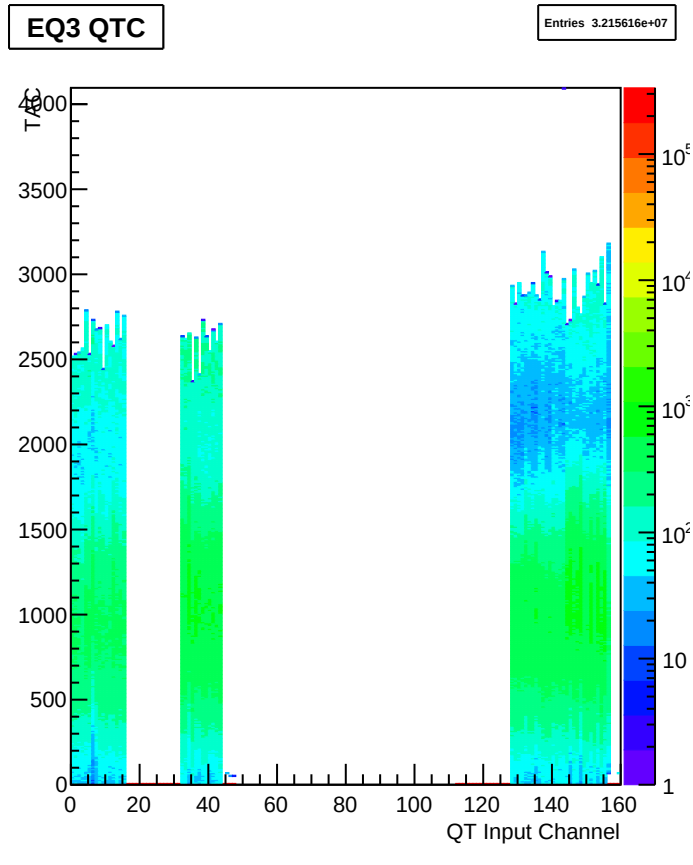

EQ2 QTC
Entries 3.215616e+07
ADC
QT Input Channel

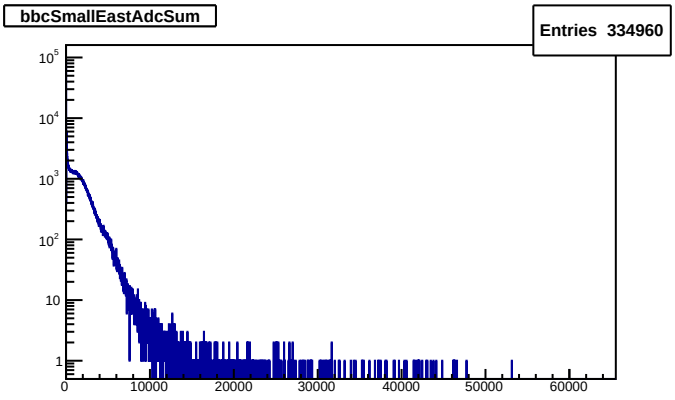

EQ2 QTC
Entries 3.215616e+07
TADC
QT Input Channel

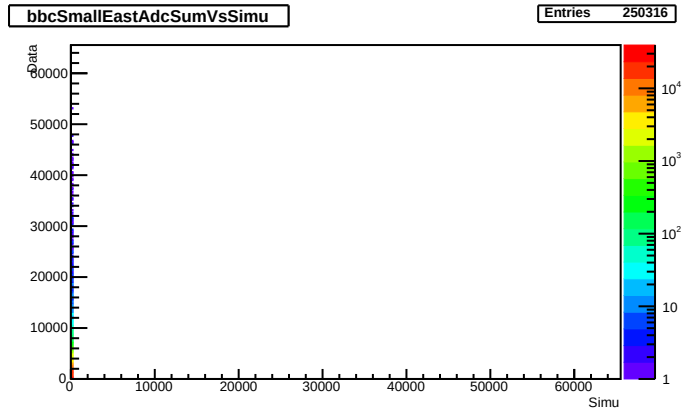

EQ3 QTB
Entries 8.574976e+07
ADC
QT Input Channel

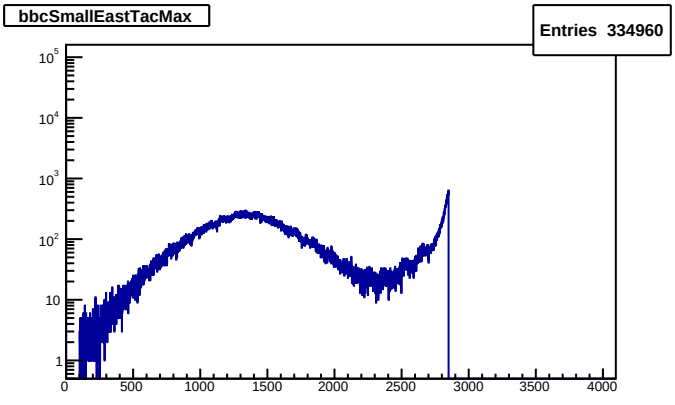

EQ3 QTB
Entries 2.644674e+07
TDC
QT Input Channel

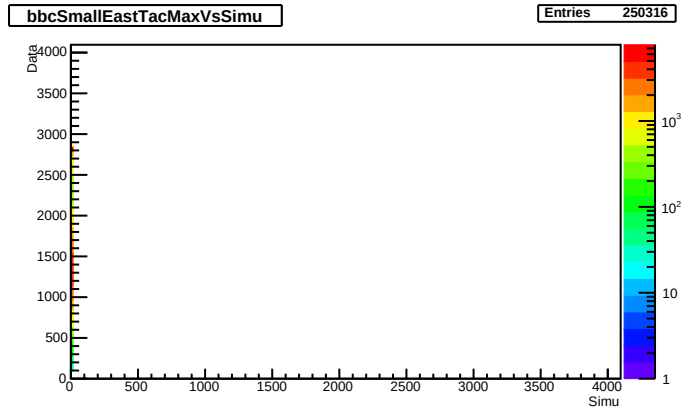

EQ3 QTC
Entries 3.215616e+07
ADC
QT Input Channel

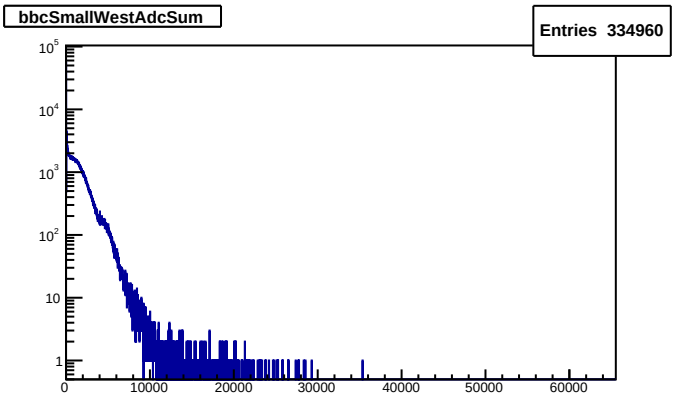

EQ3 QTC
Entries 3.215616e+07
TADC
QT Input Channel

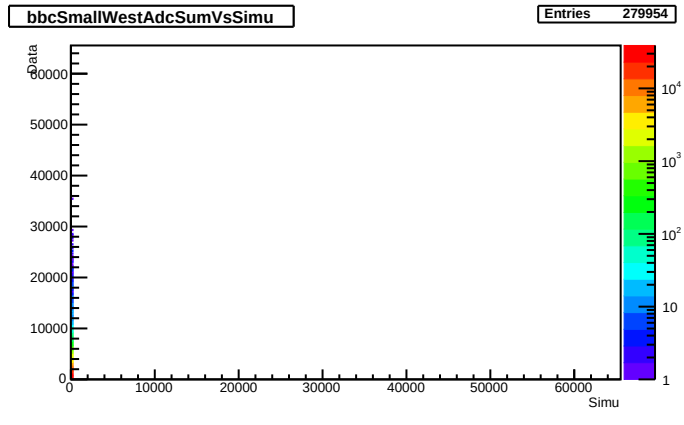

bbcSmallEastAdcSum
Entries 334960

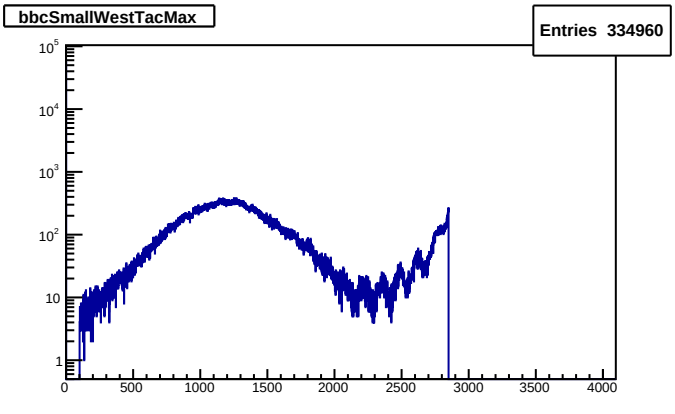

bbcSmallEastAdcSumVsSimu
Entries 250316
Data
Simu


bbcSmallEastTacMax
Entries 334960


bbcSmallEastTacMaxVsSimu
Entries 250316
Data
Simu


bbcSmallWestAdcSum
Entries 334960


bbcSmallWestAdcSumVsSimu
Entries 279954
Data
Simu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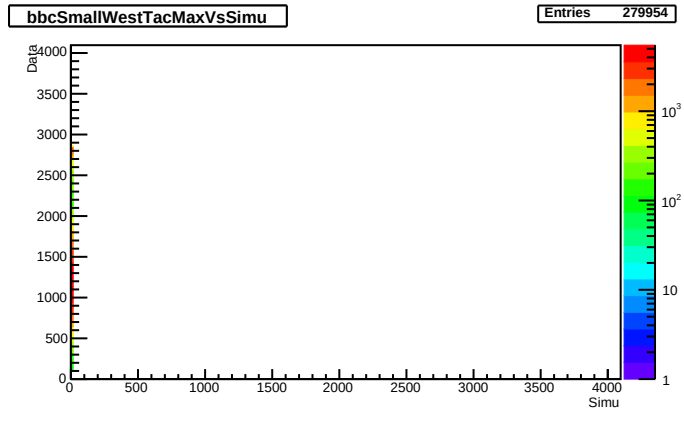
Entries 334960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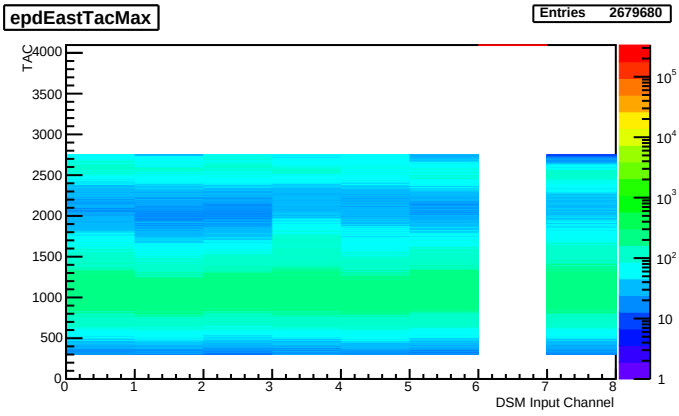
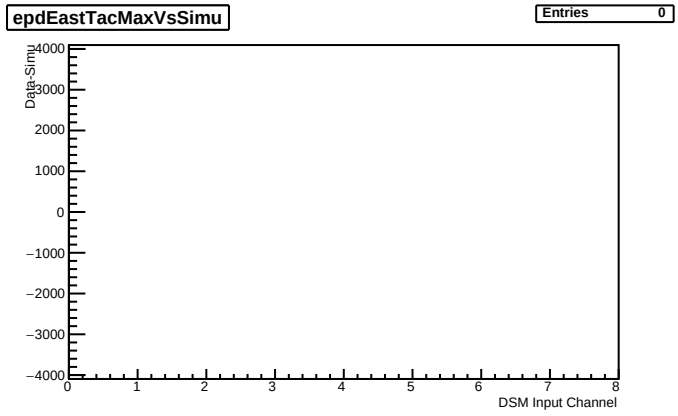
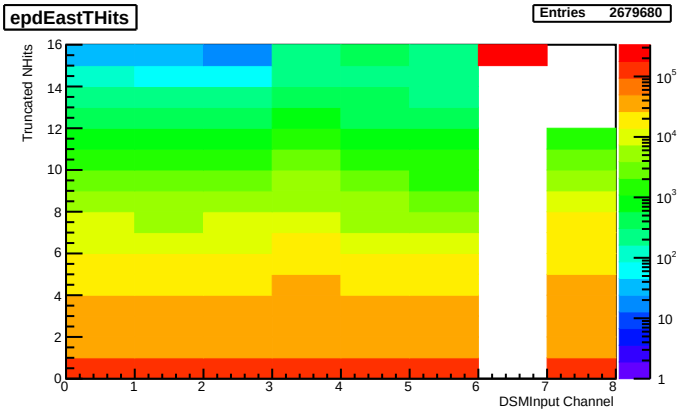
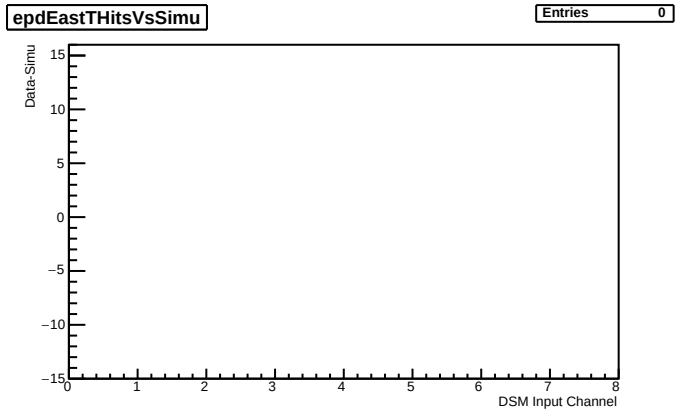
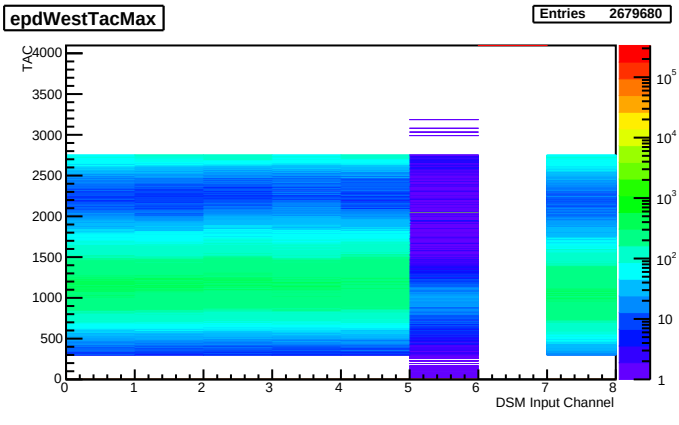
Entries 279954
Data
Simu


epdEastTacMax
Entries 2679680
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2679680
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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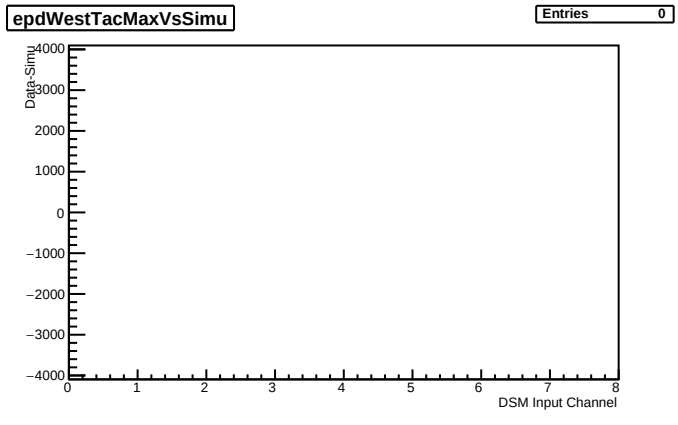
Entries 2679680
TAC
DSM Input Channel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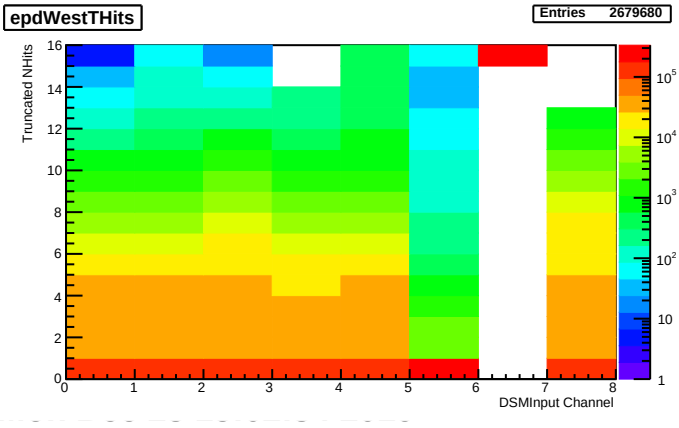
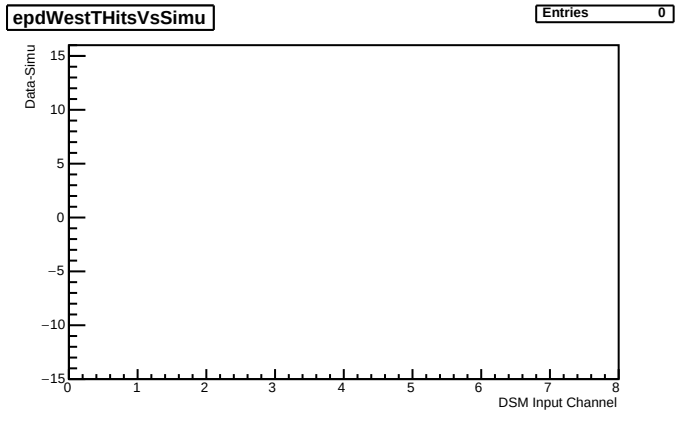
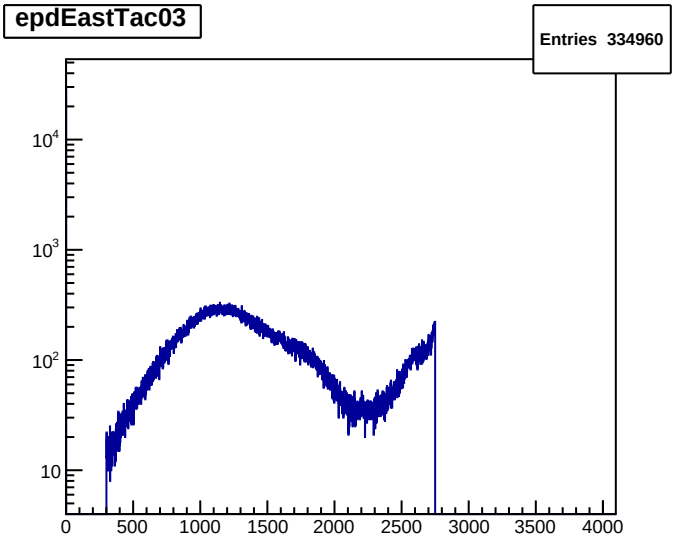
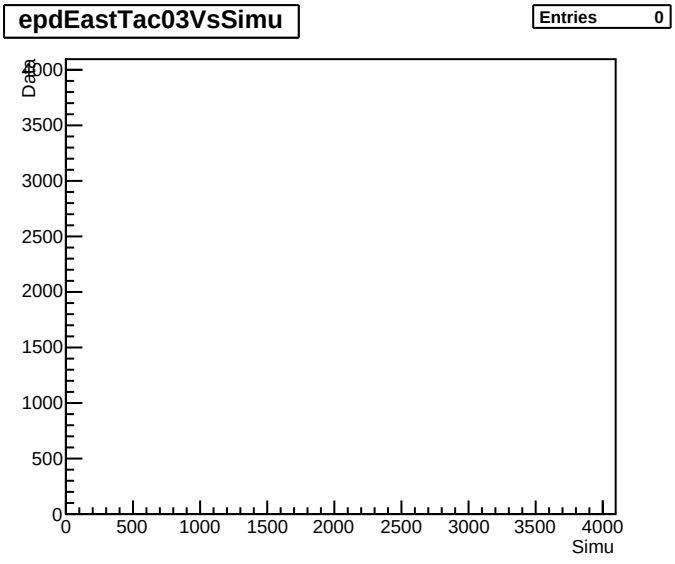
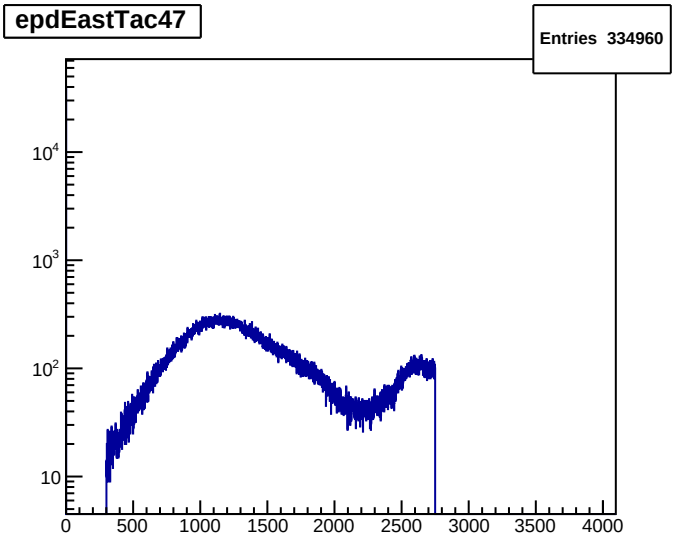
Entries 0
Data-Simu
DSM Input Channel

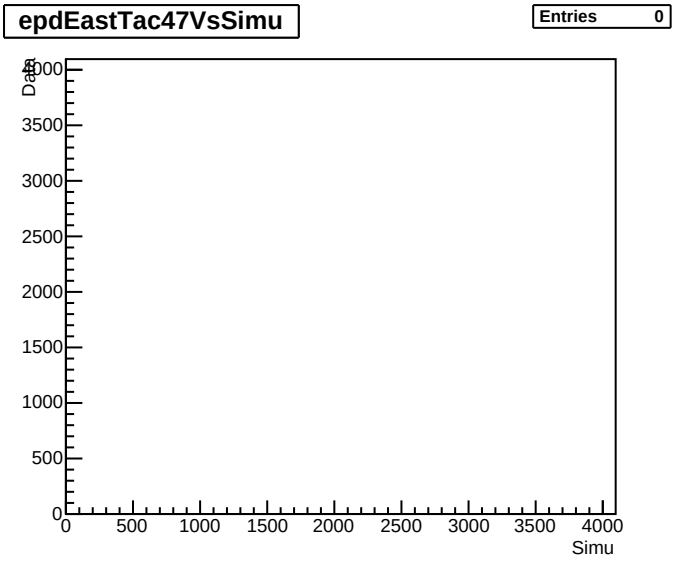

epdWestTHits
Entries 2679680
Truncated NHits
DSMInput Channel

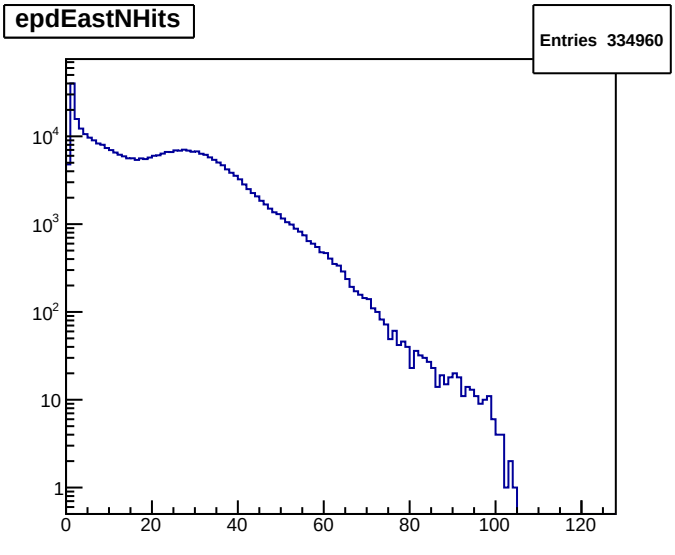

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

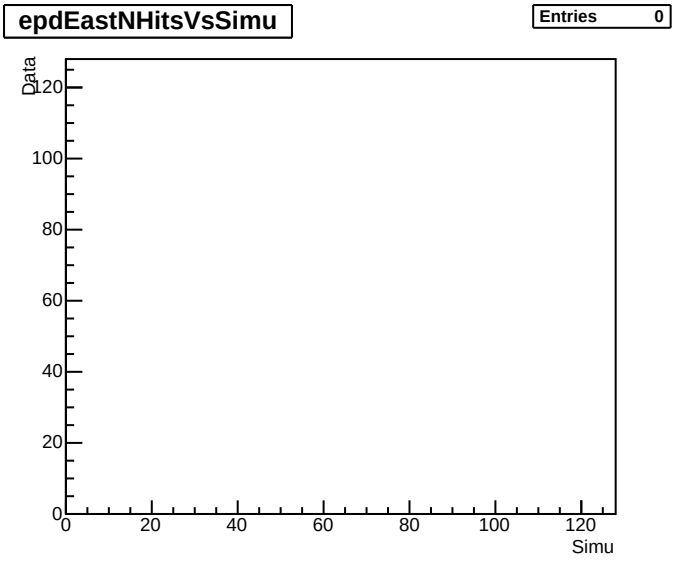

epdEastTac03
Entries 334960


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 334960


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 334960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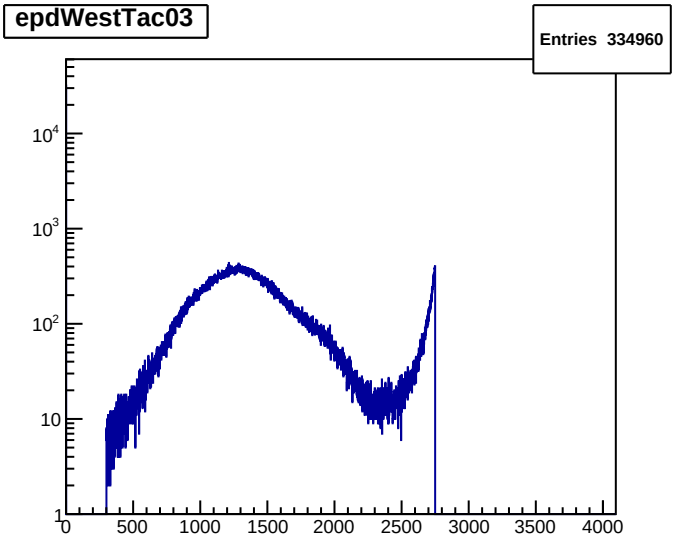
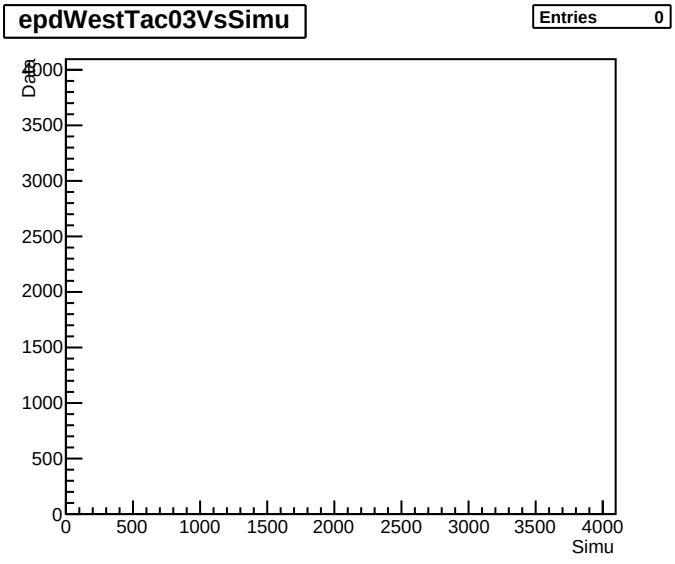
Entries 0
Data
Simu


epdWestTac03
Entries 334960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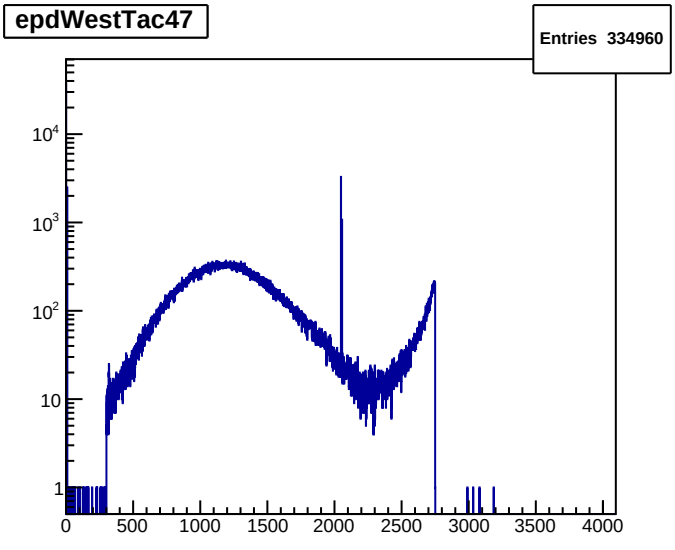
Entries 0
Data
Simu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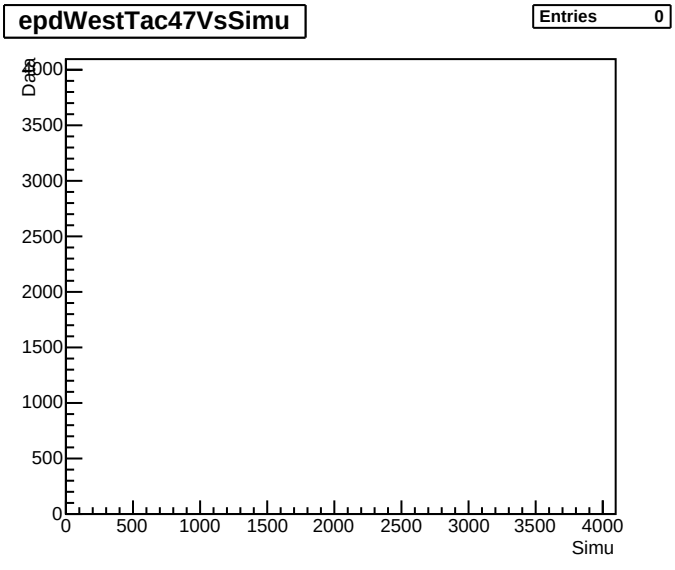
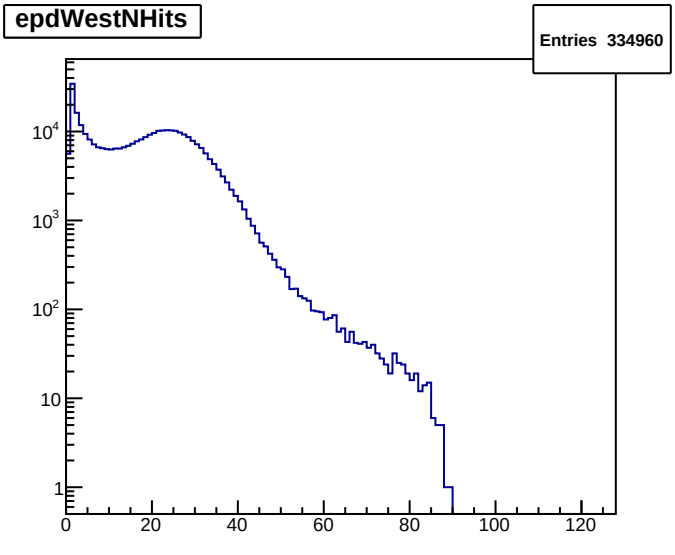
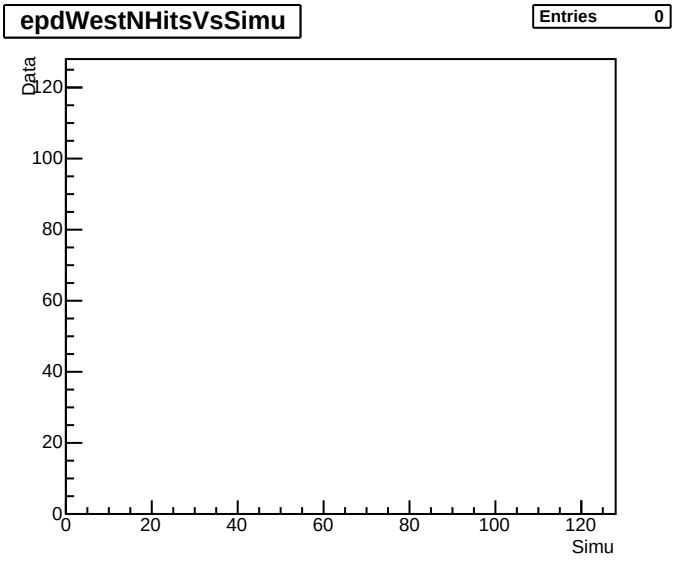
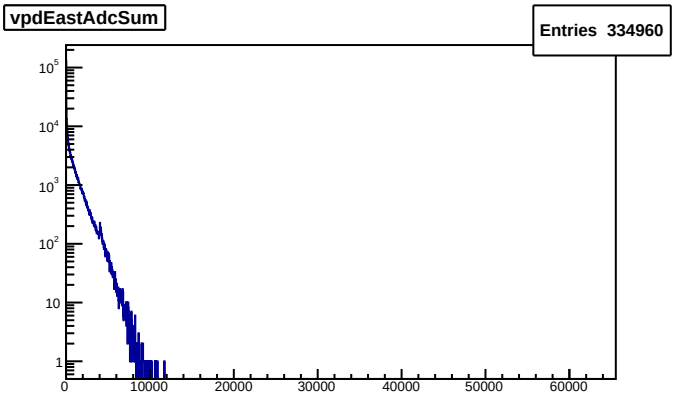
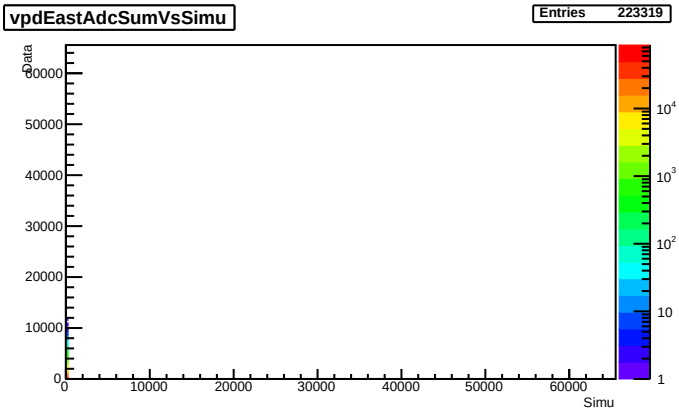
Entries 334960

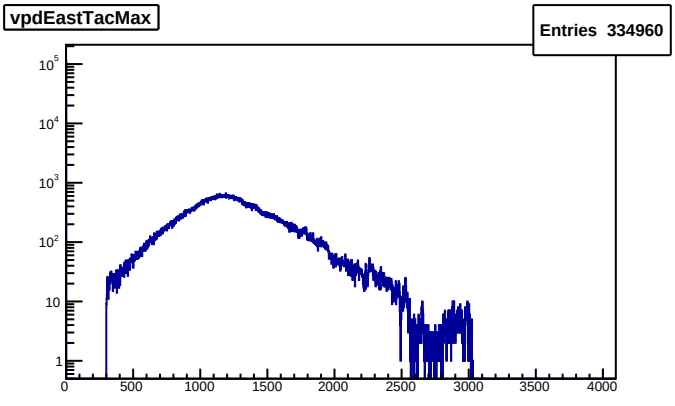

epdWestTac47VsSimu
Entries 0
Data
Simu

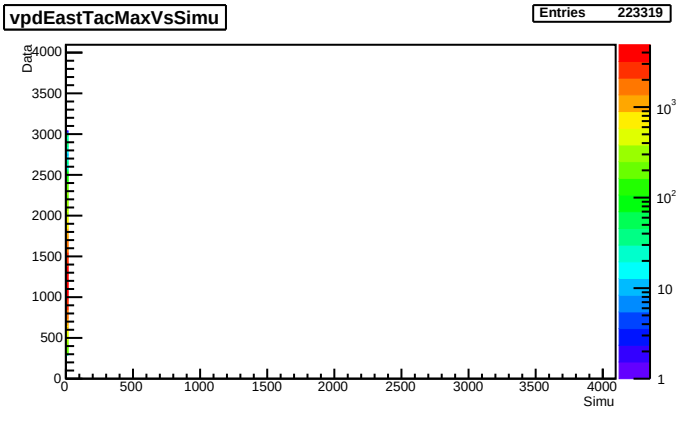

epdWestNHits
Entries 334960

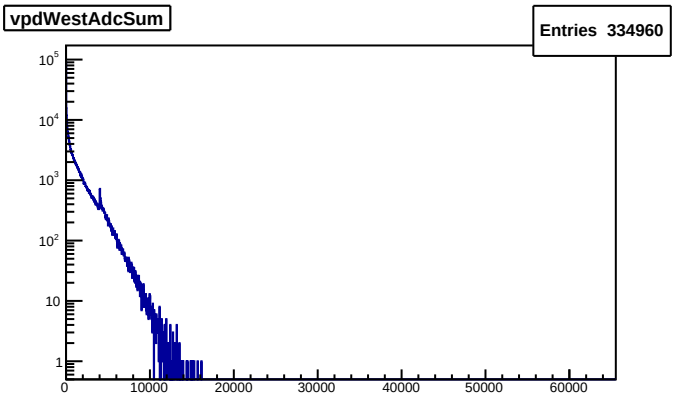

epdWestNHitsVsSimu
Entries 0
Data
Simu

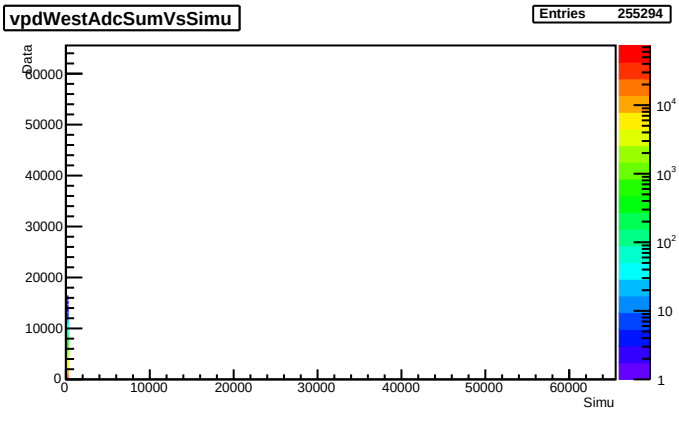

vpdEastAdcSum
Entries 334960

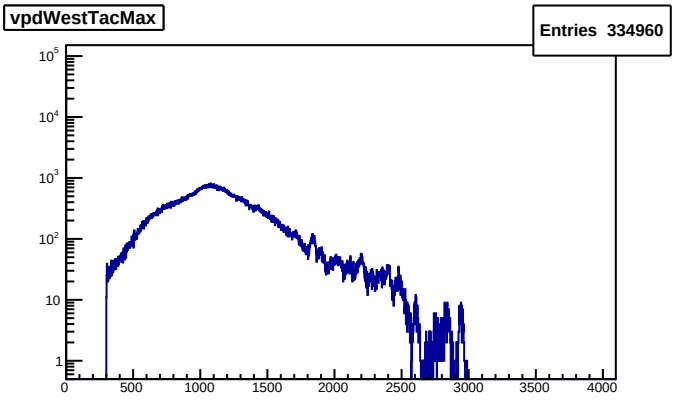

vpdEastAdcSumVsSimu
Entries 223319
Data
Simu

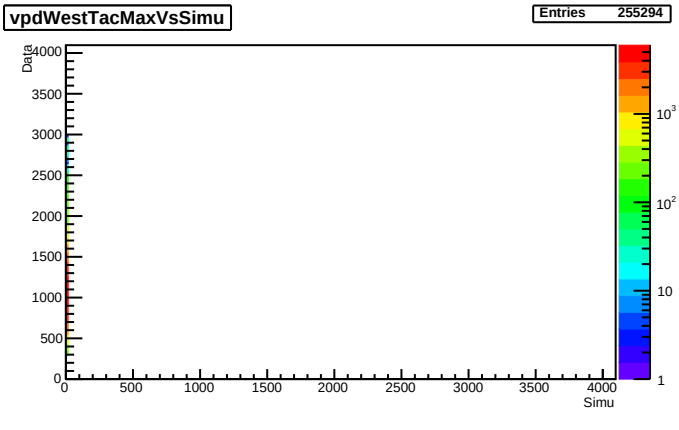

vpdEastTacMax
Entries 334960

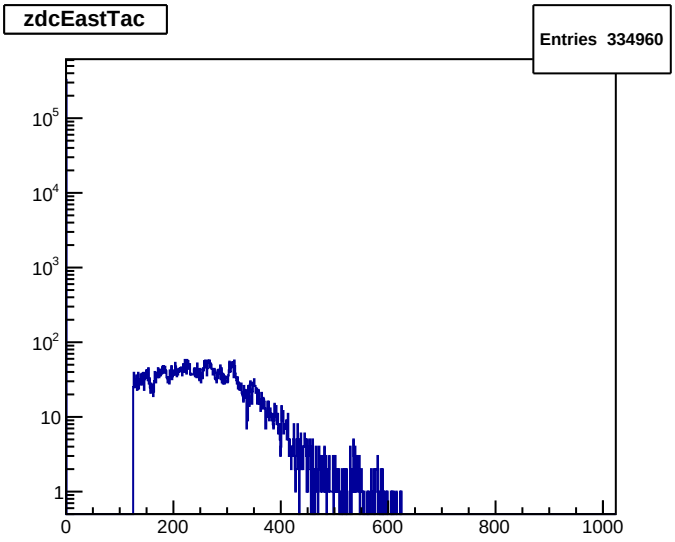

vpdEastTacMaxVsSimu
Entries 223319
Data
Simu

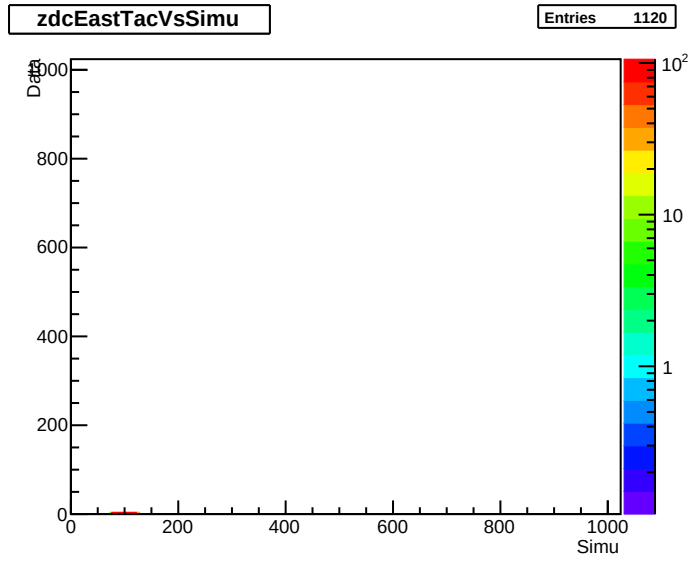

vpdWestAdcSum
Entries 334960

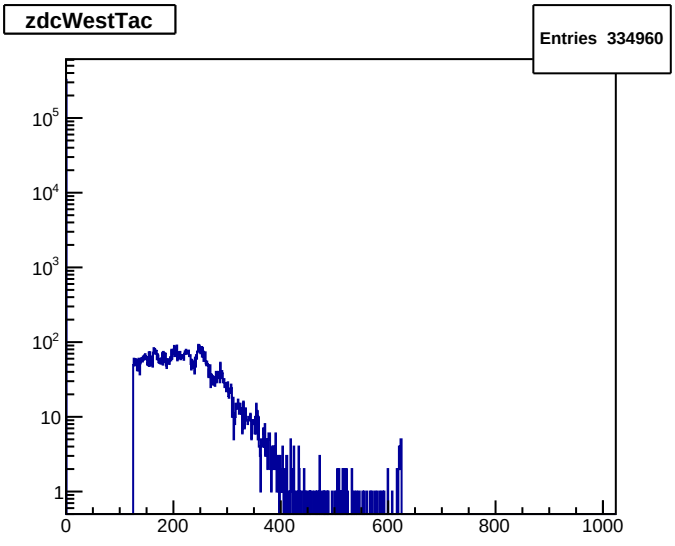

vpdWestAdcSumVsSimu
Entries 255294
Data
Simu

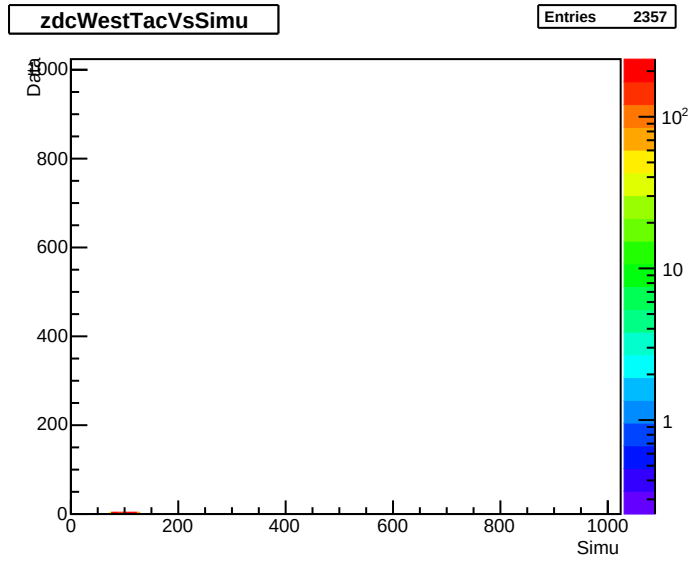

vpdWestTacMax
Entries 334960

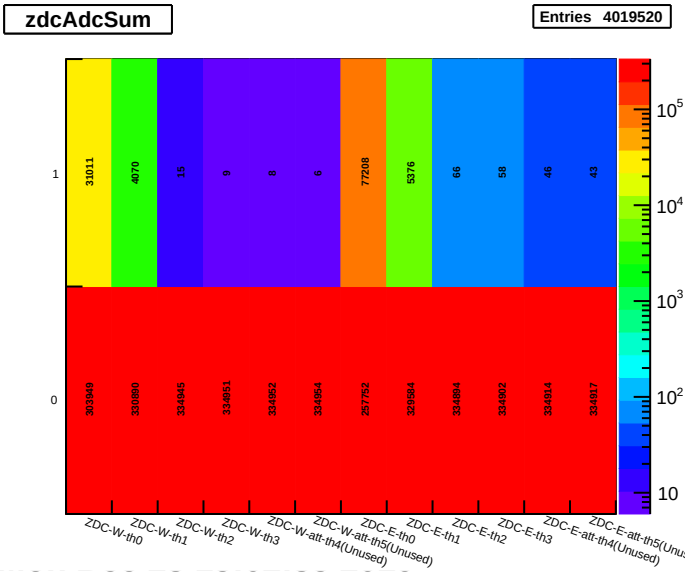

vpdWestTacMaxVsSimu
Entries 255294
Data
Simu

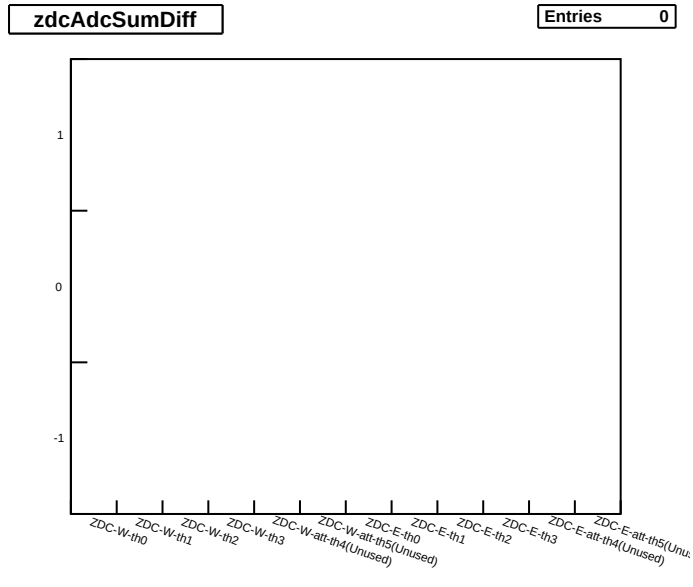

zdcEastTac
Entries 334960

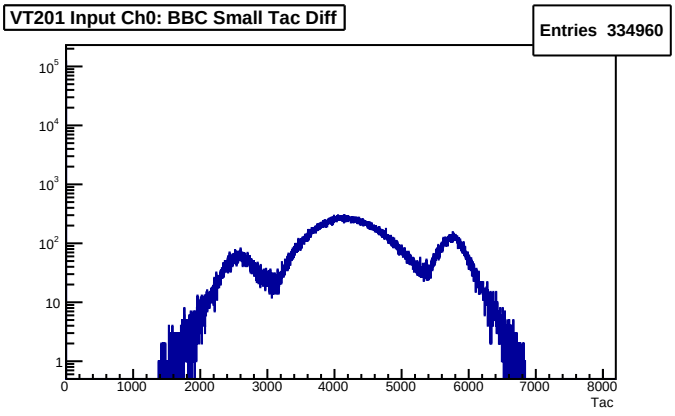

zdcEastTacVsSimu
Entries 1120
Data
Simu

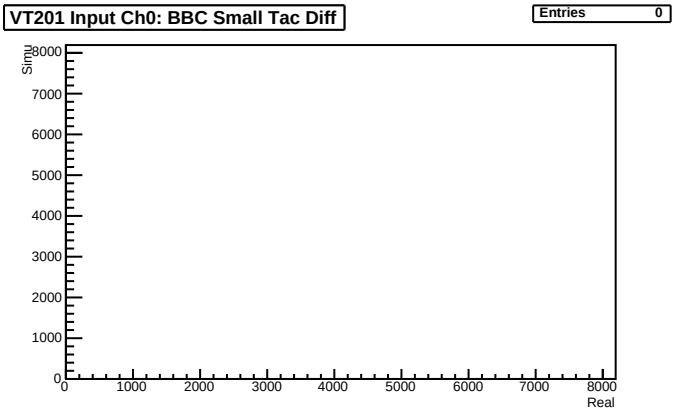

zdcWestTac
Entries 334960

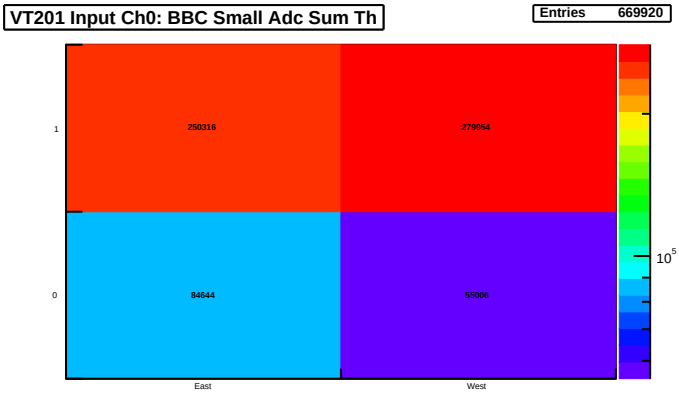

zdcWestTacVsSimu
Entries 2357
Data
Simu

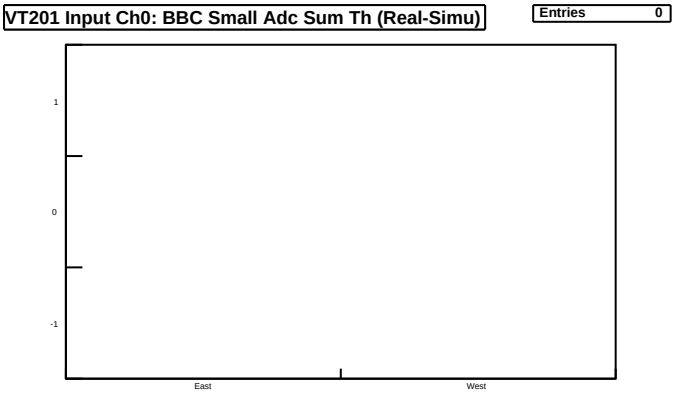

zdcAdcSum
Entries 4019520
31011
4070
15
9
8
6
77208
5376
66
58
46
43
303949
330890
334945
334951
334952
334954
257752
329584
334894
334902
334914
334917
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

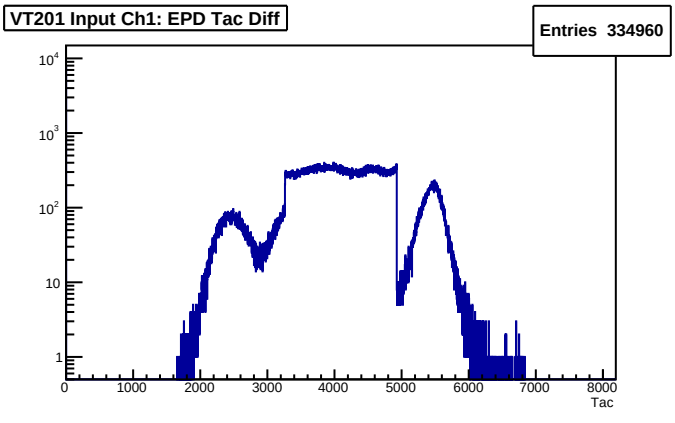

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

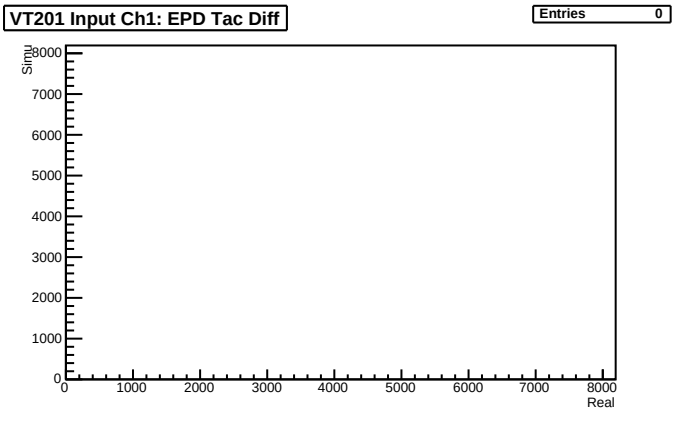

VT201 Input Ch0: BBC Small Tac Diff
Entries 334960
Tac

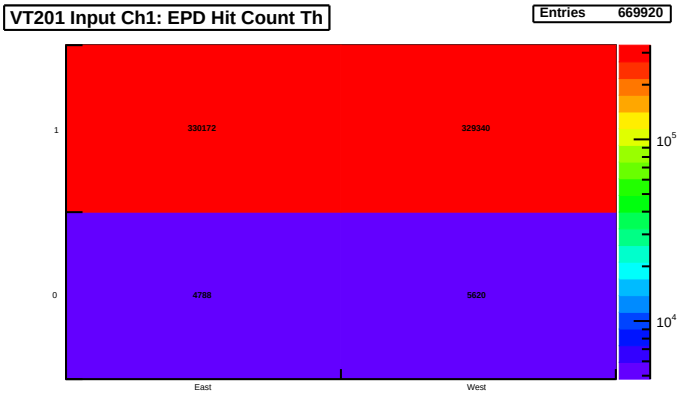

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

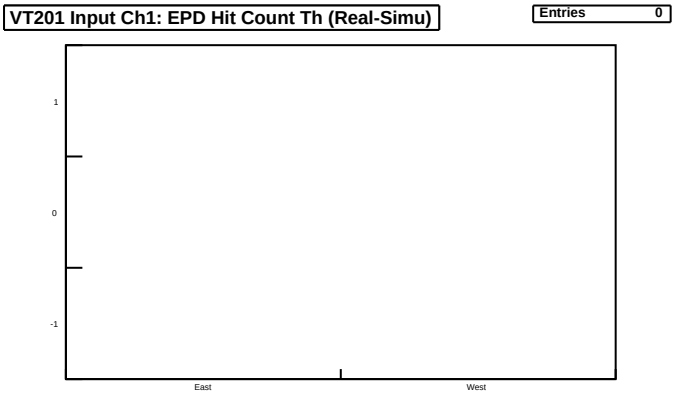

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 669920
250316
279954
84644
55006
East
West

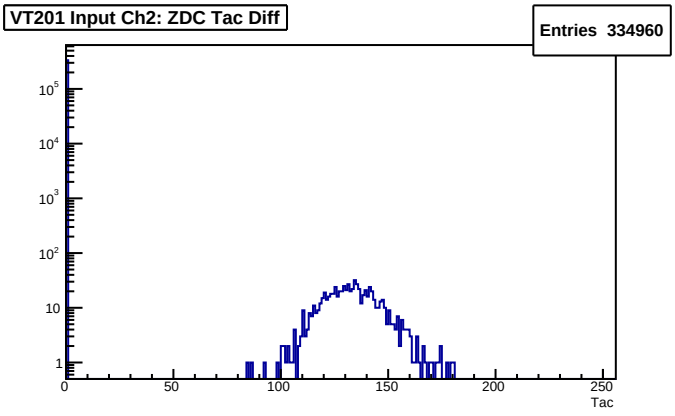

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

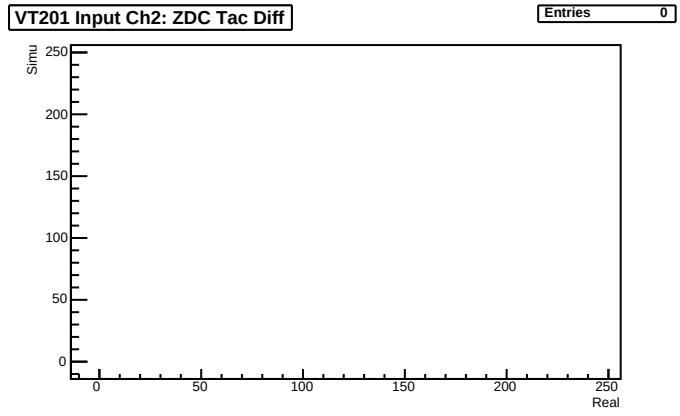

VT201 Input Ch1: EPD Tac Diff
Entries 334960
Tac

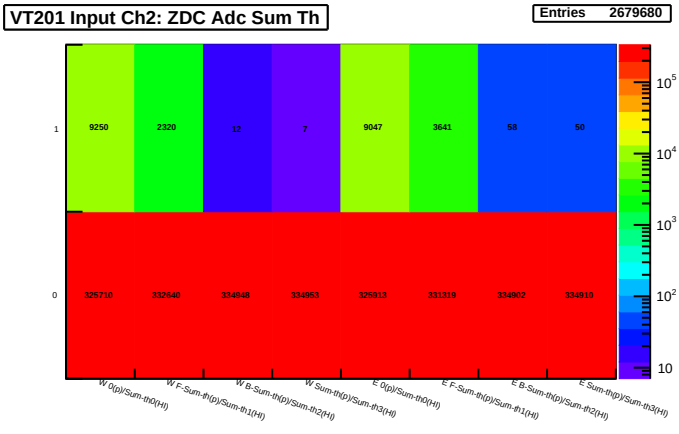

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

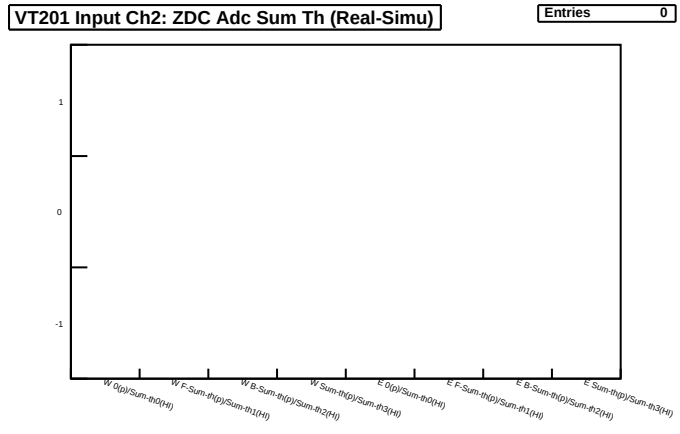

VT201 Input Ch1: EPD Hit Count Th
Entries 669920
330172
329340
4788
5620
East
West

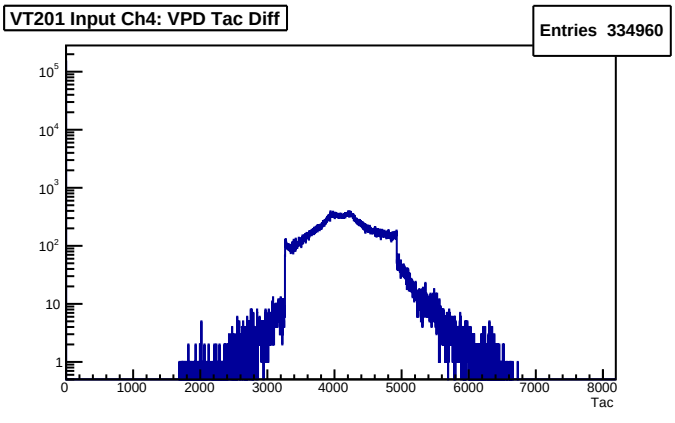

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

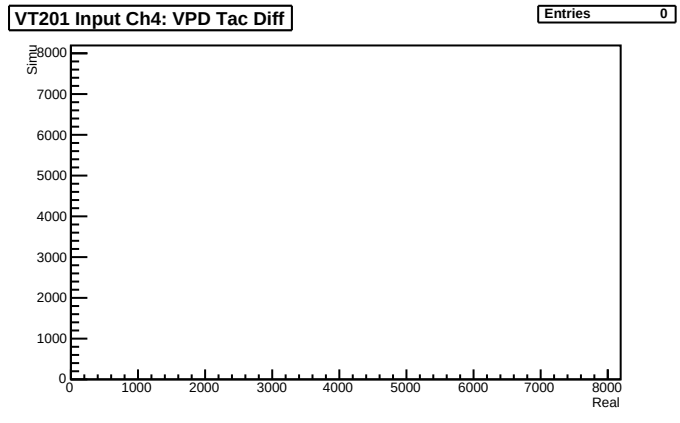

VT201 Input Ch2: ZDC Tac Diff
Entries 334960
Tac

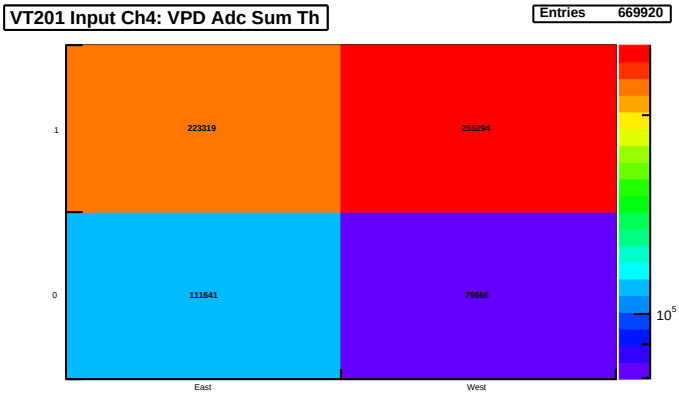

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

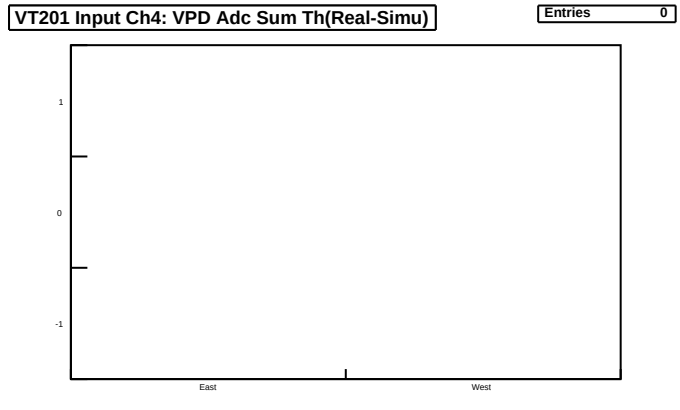

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2679680
9250
2320
12
7
9047
3641
58
50
325710
332640
334948
334953
325913
331319
334902
334910
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

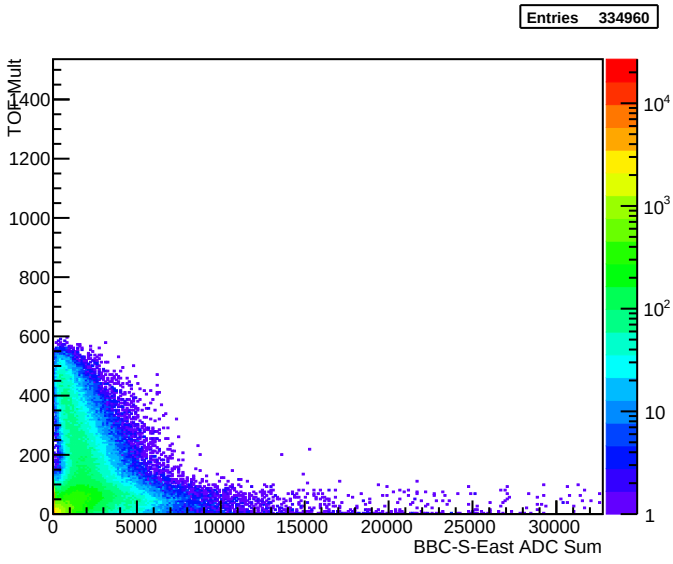

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

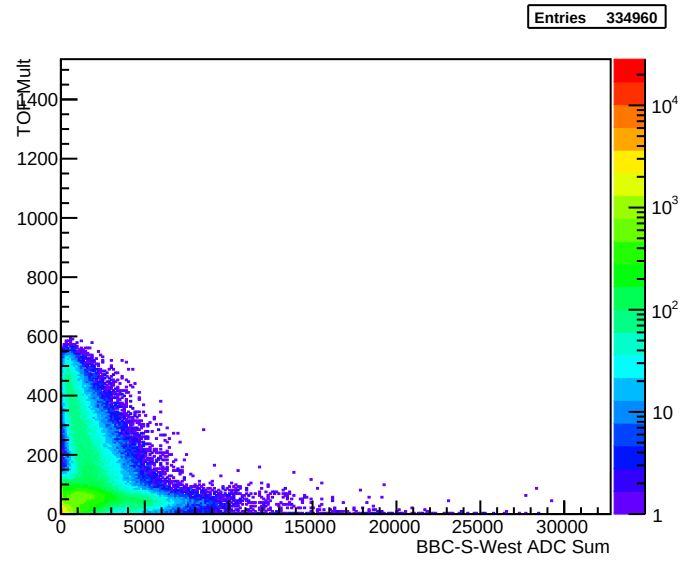

VT201 Input Ch4: VPD Tac Diff
Entries 334960
Tac

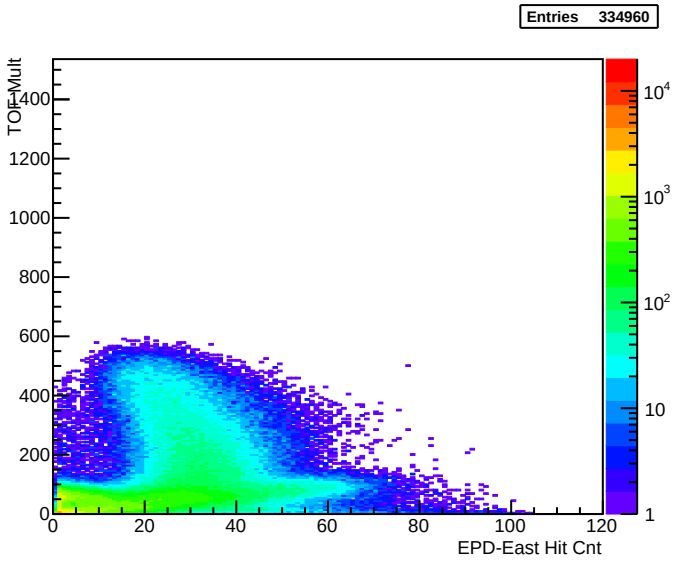

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

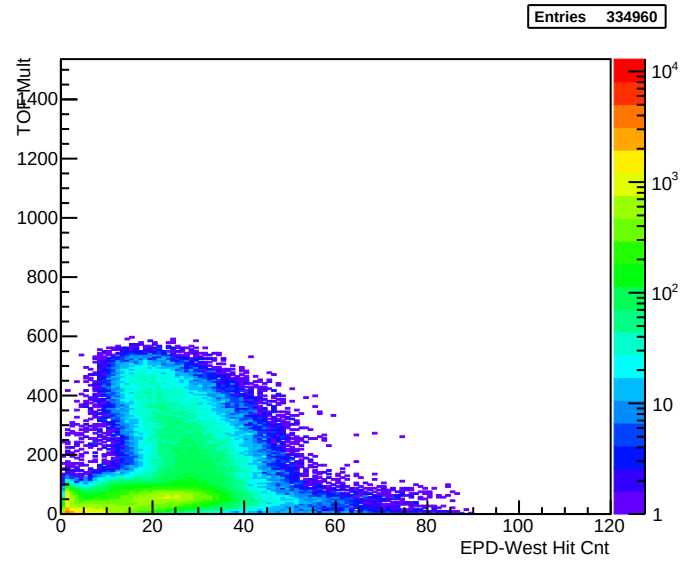

VT201 Input Ch4: VPD Adc Sum Th
Entries 669920
223319
255294
111641
79666
East
West

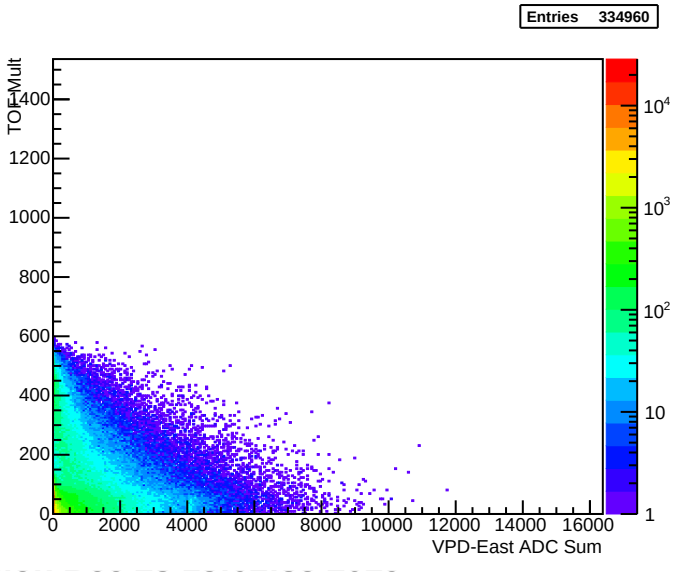

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

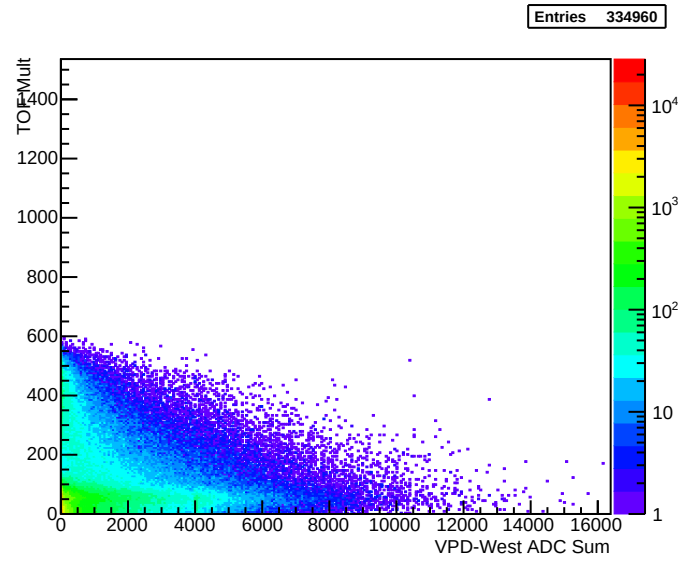

Entries 334960
TOF-Mult
BBC-S-East ADC Sum

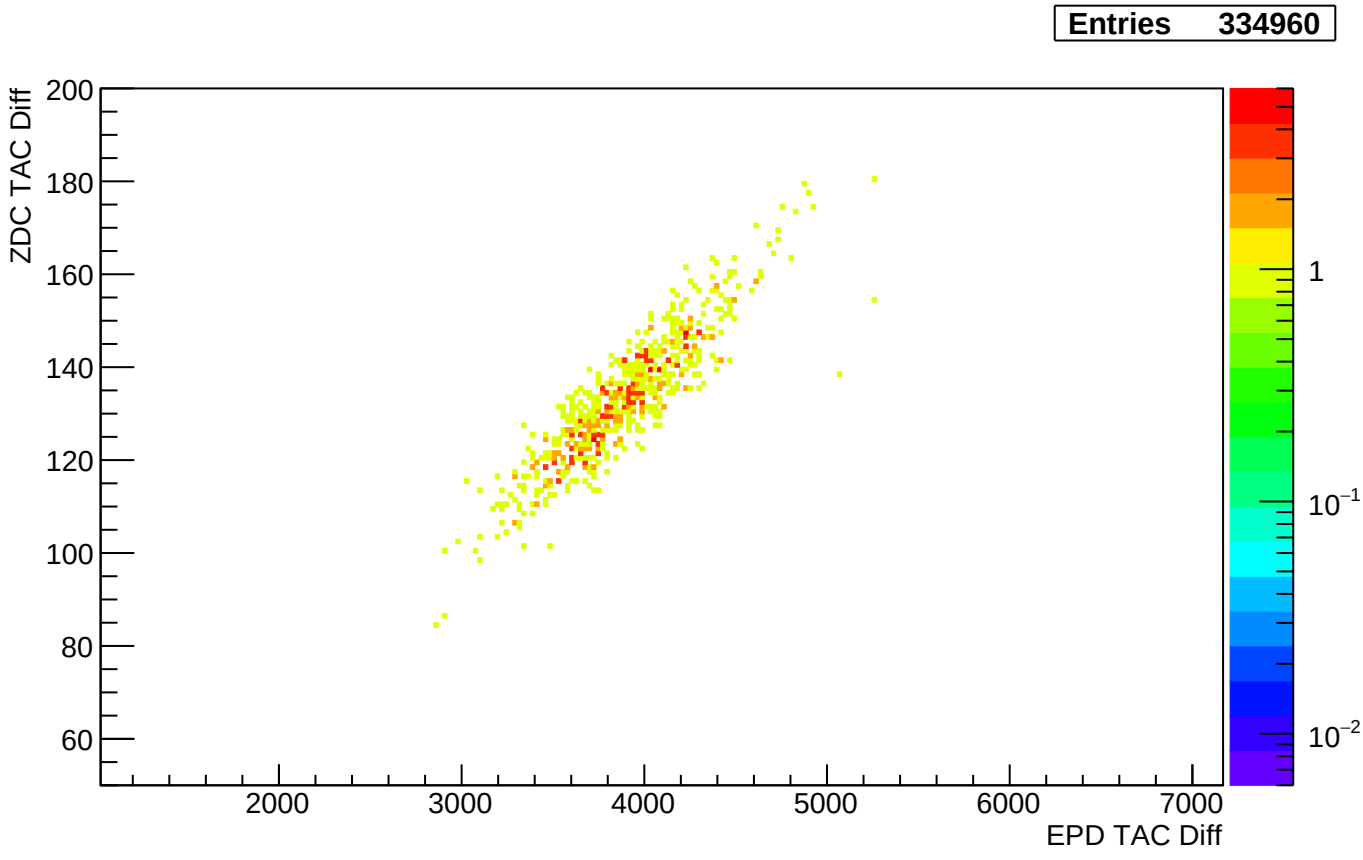

Entries 334960
TOF-Mult
BBC-S-West ADC Sum

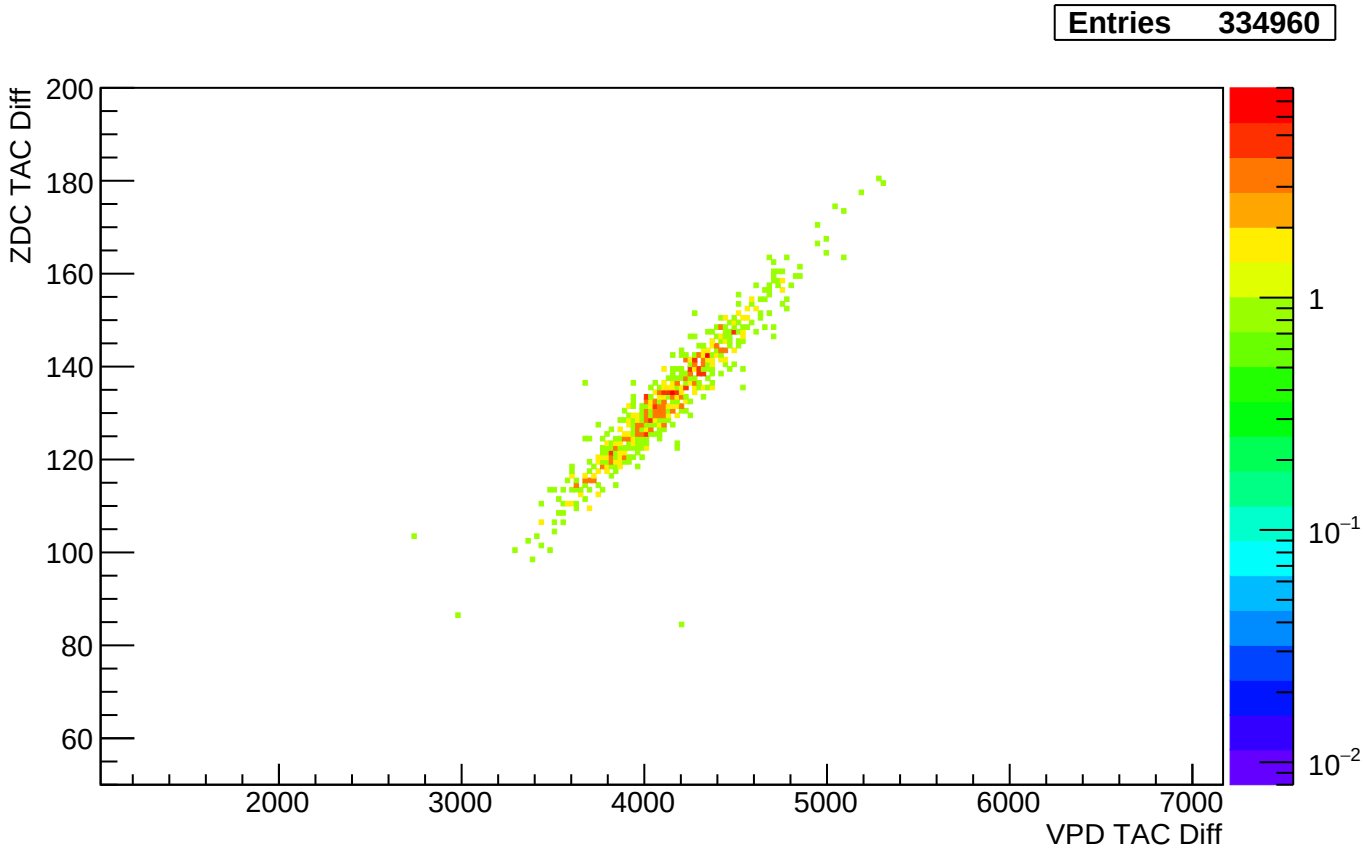

Entries 334960
TOF-Mult
EPD-East Hit Cnt

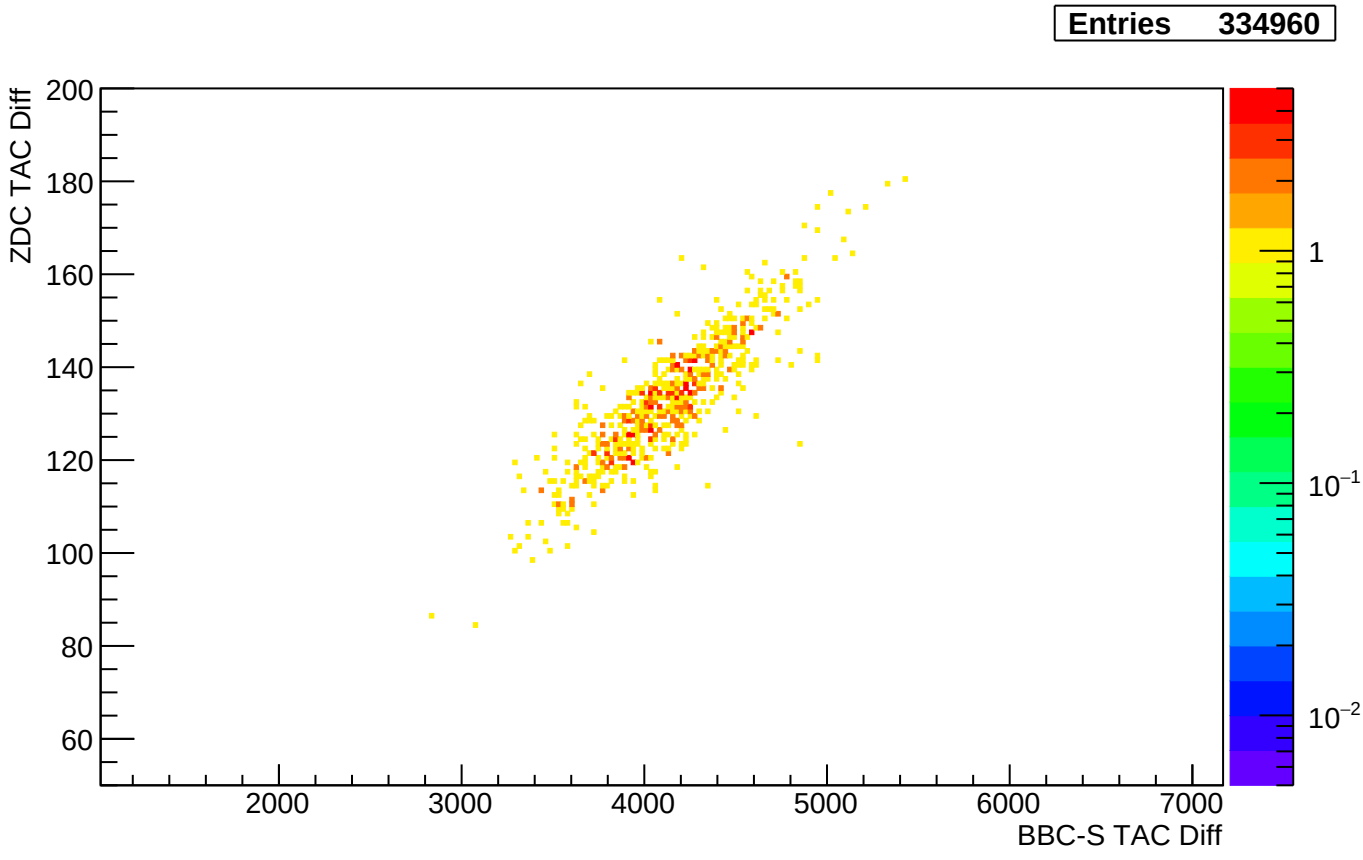

Entries 334960
TOF-Mult
EPD-West Hit Cnt

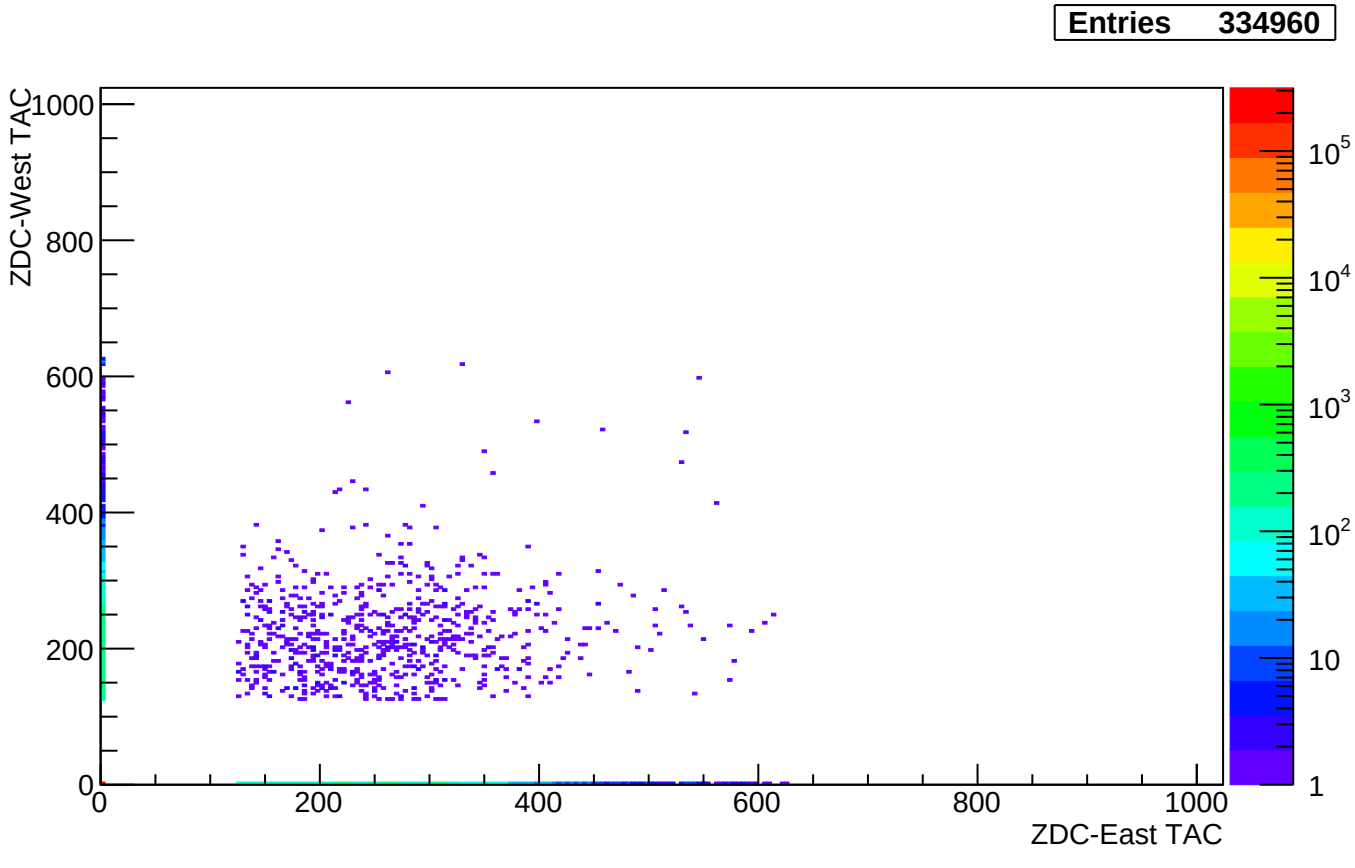

Entries 334960
TOF-Mult
VPD-East ADC Sum

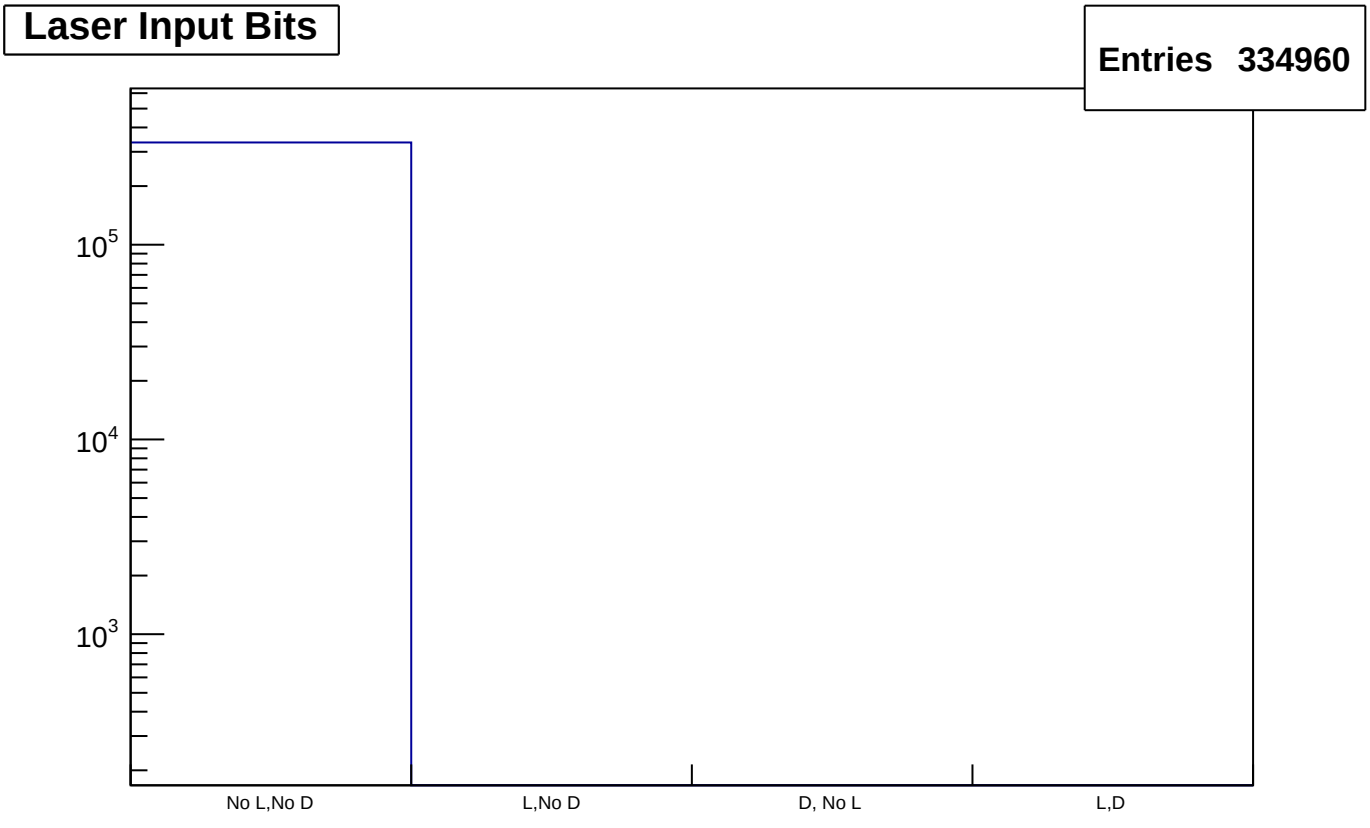

Entries 334960
TOF-Mult
VPD-West ADC Sum

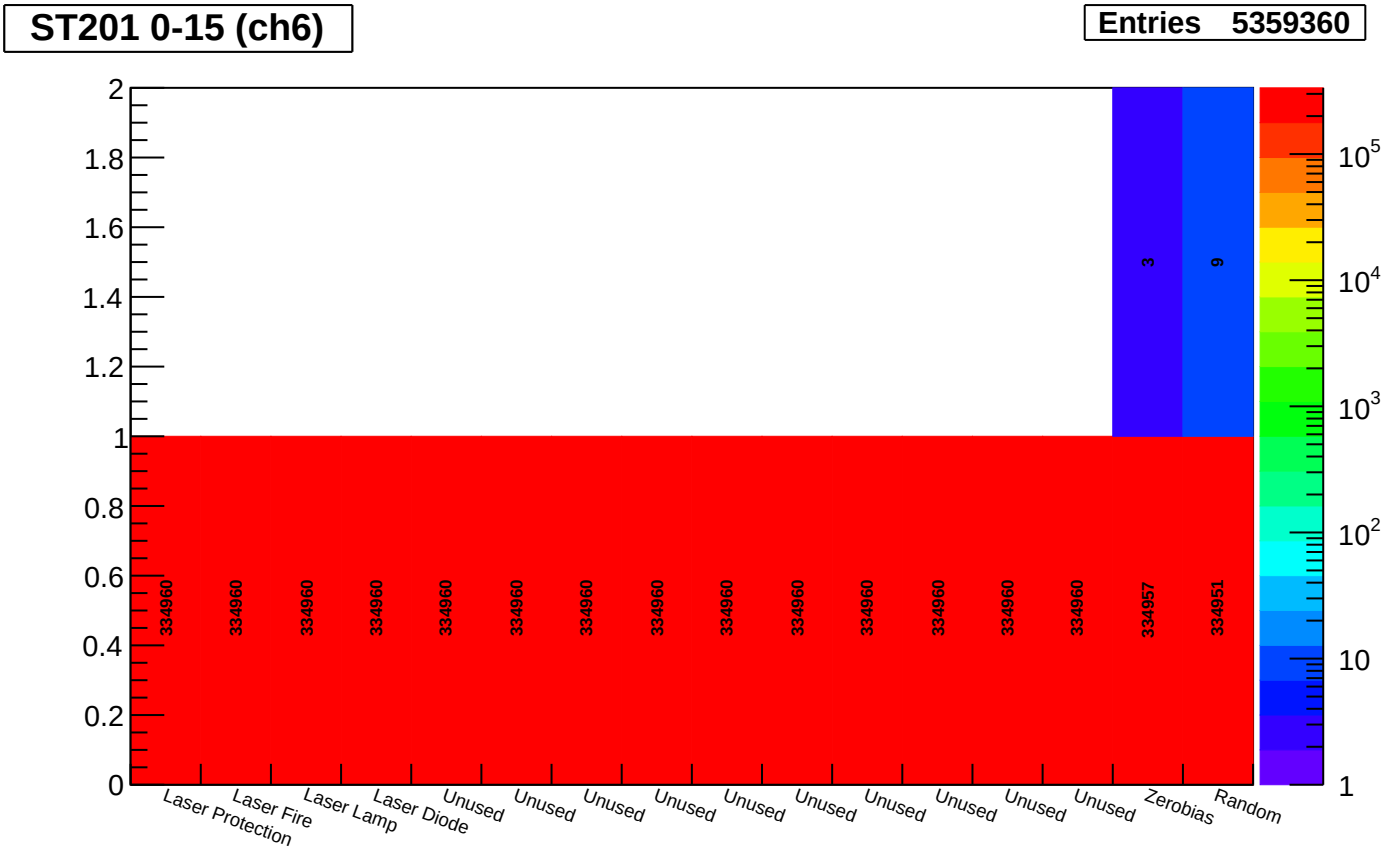

Entries 334960
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

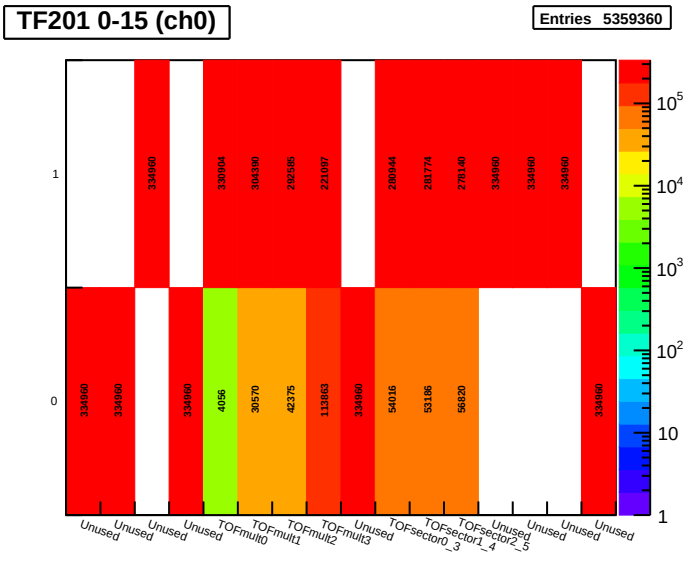

Entries 334960
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

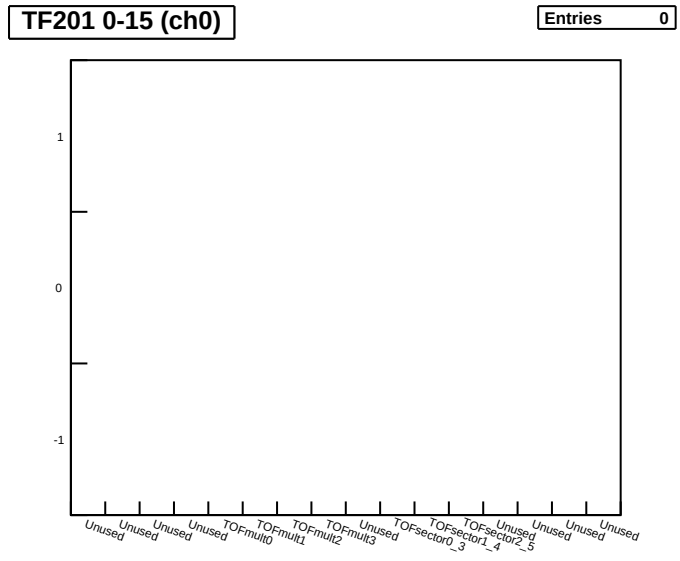

Entries 334960
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

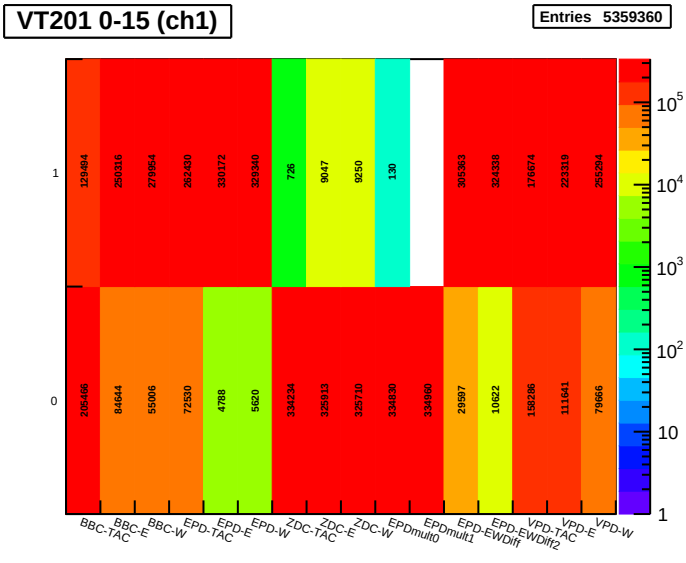

Entries 334960
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

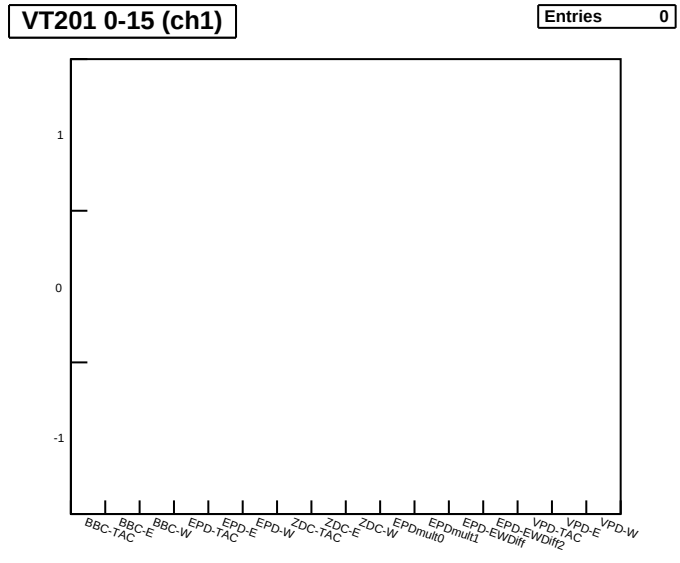

Laser Input Bits
Entries 334960
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

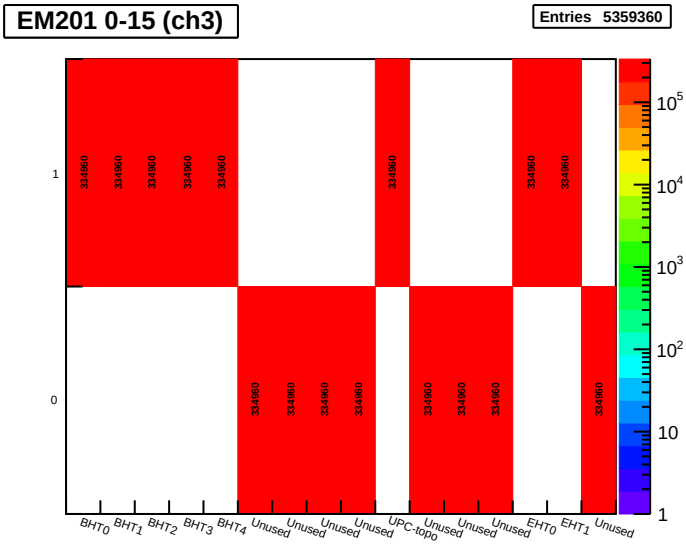

ST201 0-15 (ch6)
Entries 5359360
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334957
334951
3
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

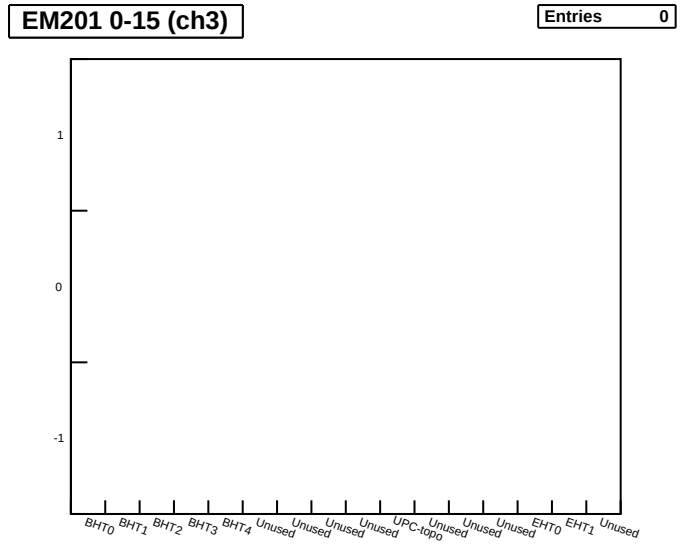

TF201 0-15 (ch0)
Entries 5359360
1
0
334960
330904
304390
282585
221097
280944
281774
276140
334960
334960
334960
334960
334960
334960
4056
30570
42375
113863
334960
54016
53186
56820
334960
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 5359360
1
0
129494
250316
279954
282450
330172
329340
726
9047
9250
130
305353
324338
176674
223319
255234
206466
84644
55006
72530
4788
5620
334234
325913
325710
334830
334960
29597
10622
158286
111641
79666
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 5359360
1
0
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
334960
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1