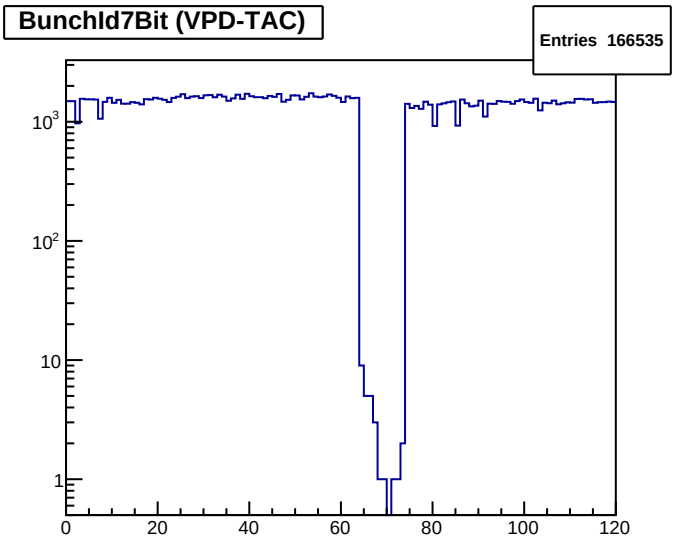
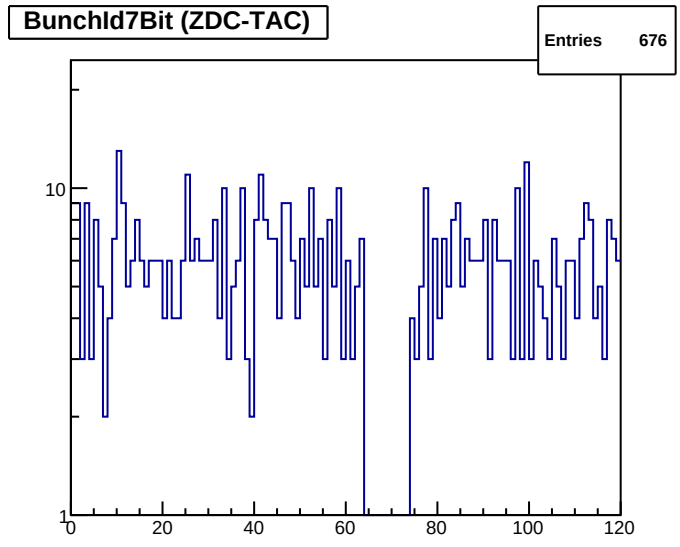
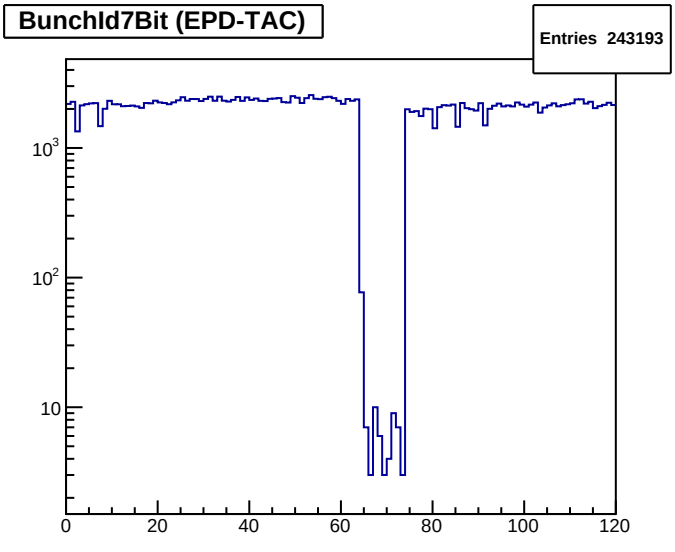
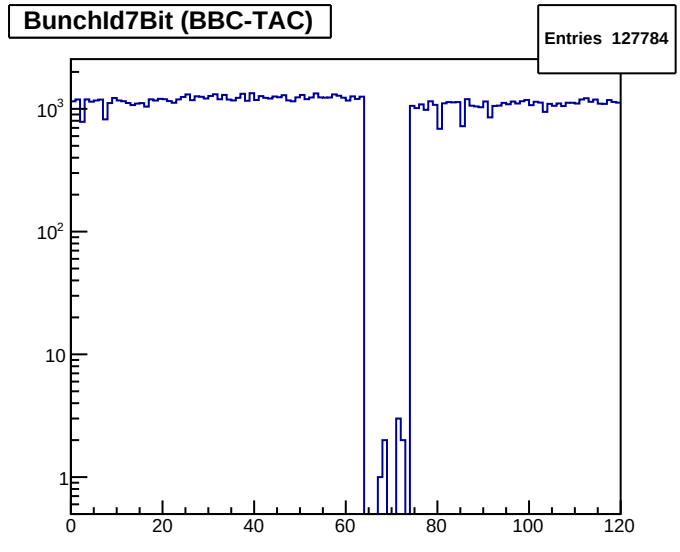
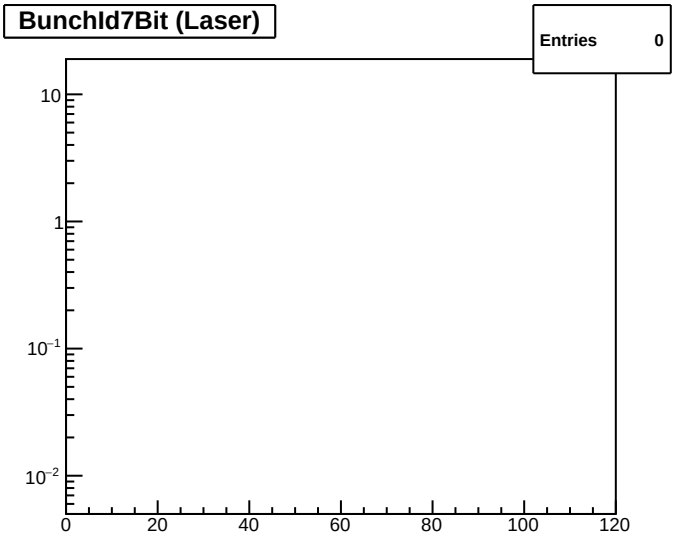
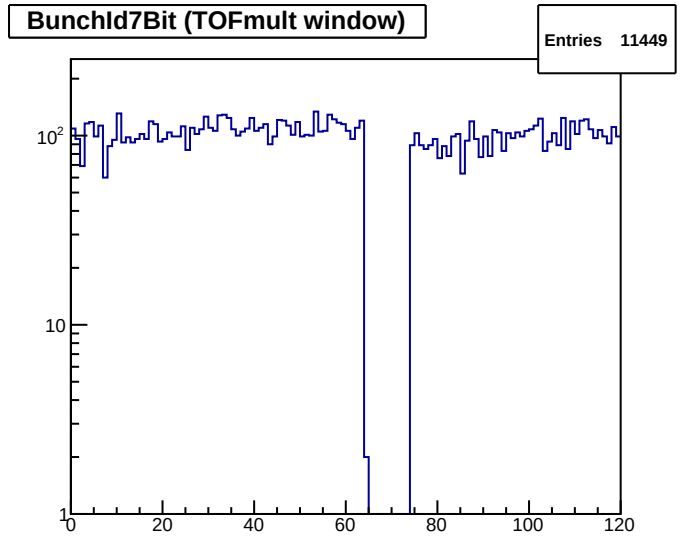

BunchId7Bit (VPD-TAC)
Entries 166535

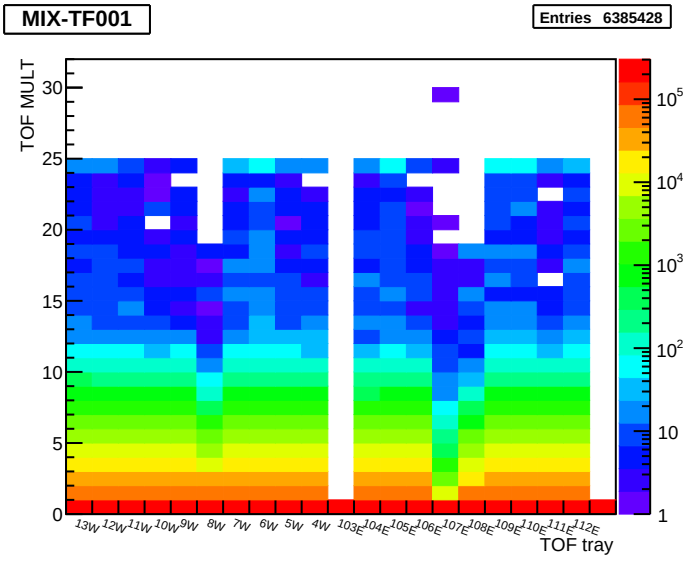

BunchId7Bit (ZDC-TAC)
Entries 676

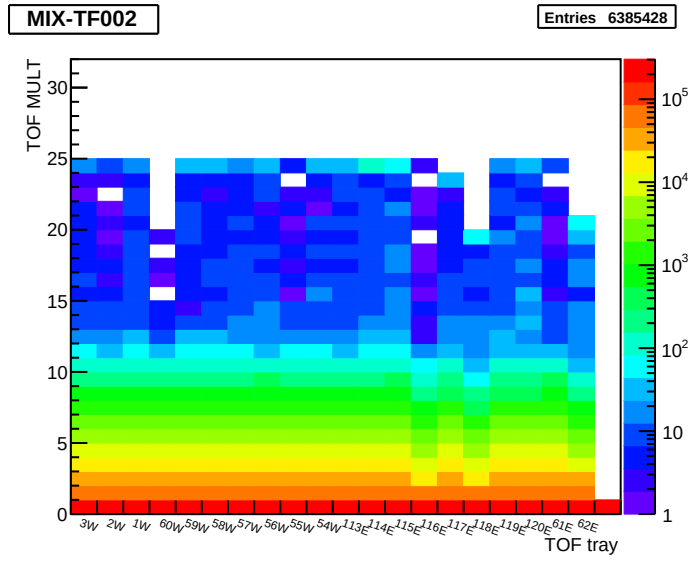

BunchId7Bit (EPD-TAC)
Entries 243193

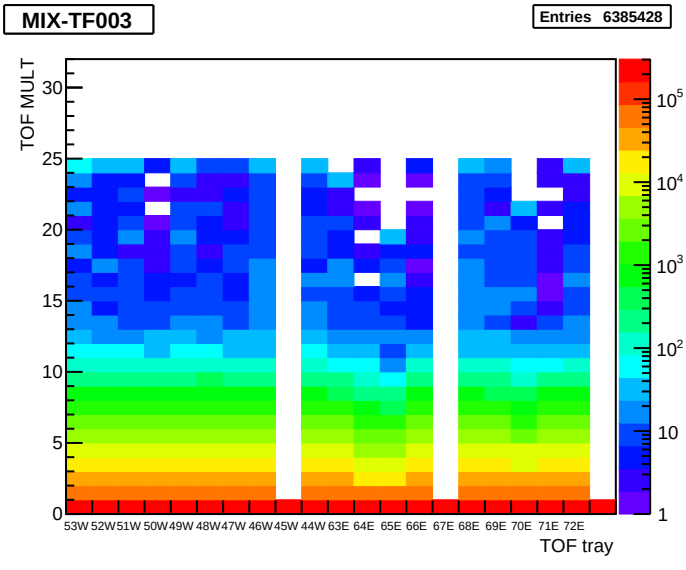

BunchId7Bit (BBC-TAC)
Entries 127784

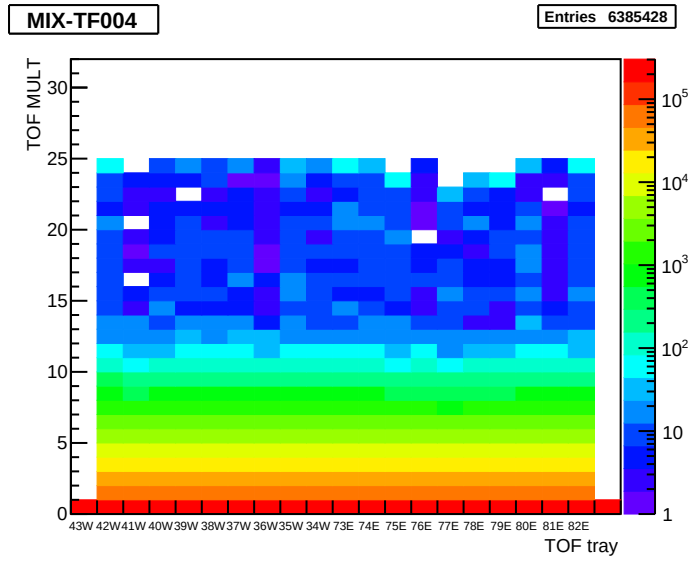

BunchId7Bit (Laser)
Entries 0

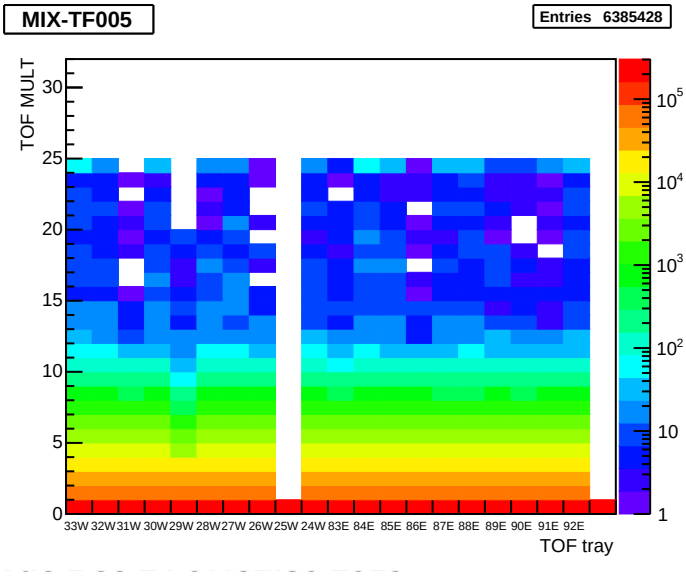

BunchId7Bit (TOFmult window)
Entries 11449

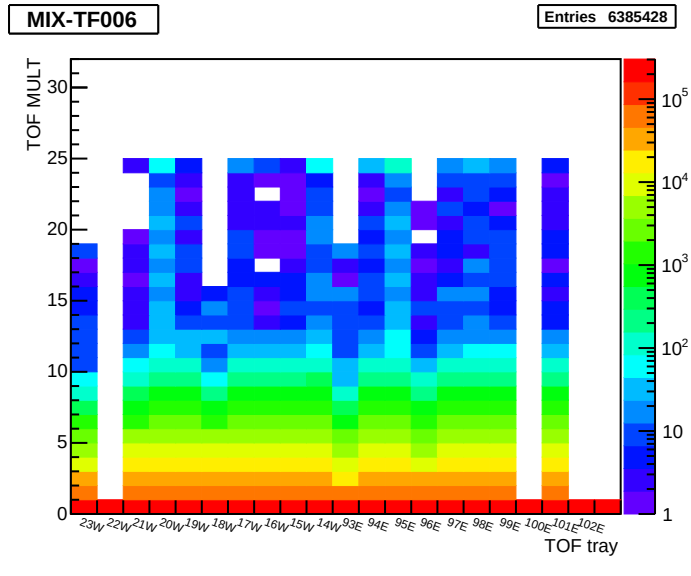

MIX-TF001
Entries 6385428
TOF MULT
TOF tray

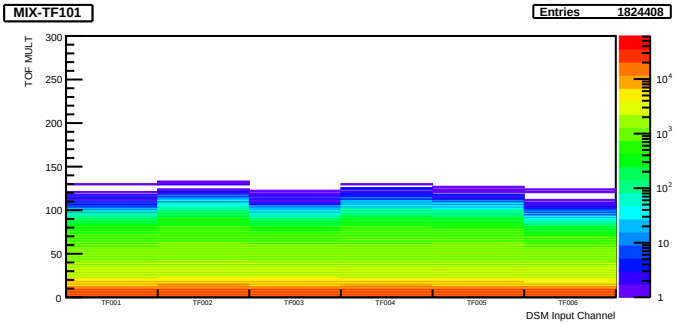

MIX-TF002
Entries 6385428
TOF MULT
TOF tray

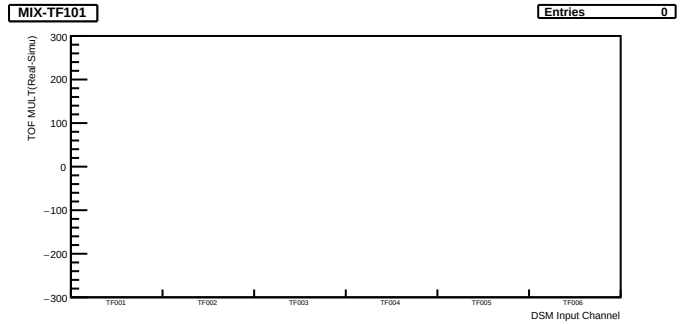

MIX-TF003
Entries 6385428
TOF MULT
TOF tray

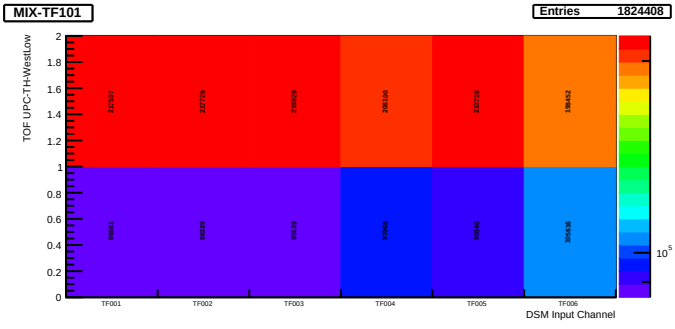

MIX-TF004
Entries 6385428
TOF MULT
TOF tray

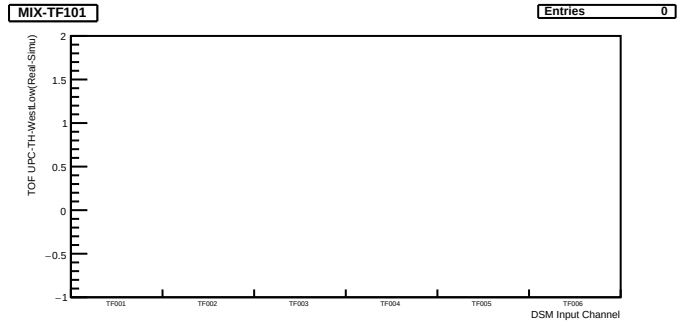

MIX-TF005
Entries 6385428
TOF MULT
TOF tray

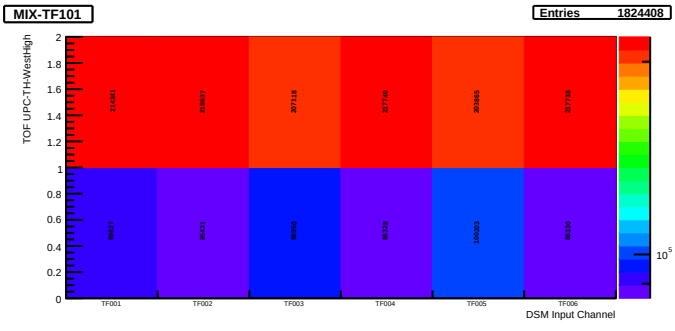

MIX-TF006
Entries 6385428
TOF MULT
TOF tray

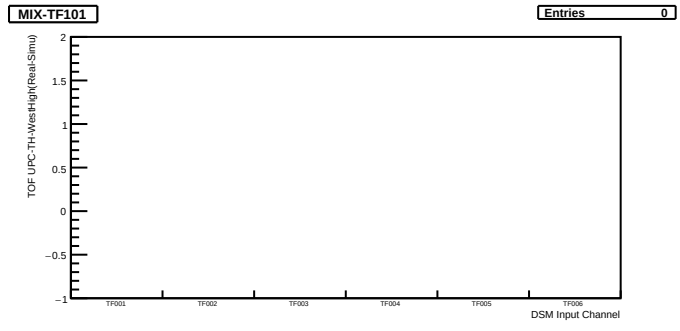

MIX-TF101
Entries 1824408
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

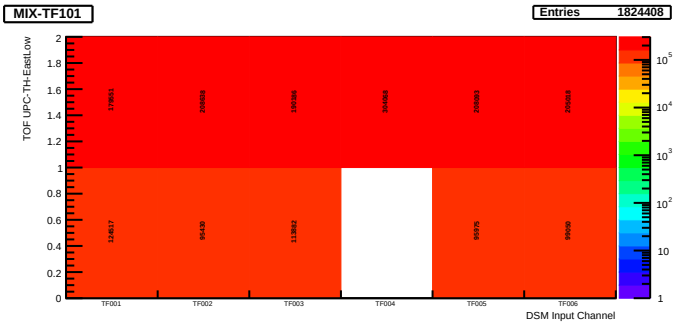

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

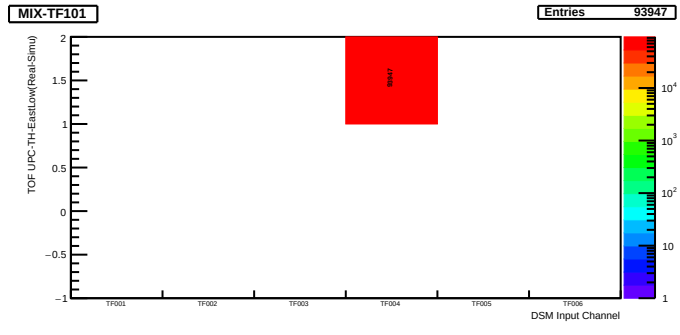

MIX-TF101
Entries 1824408
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

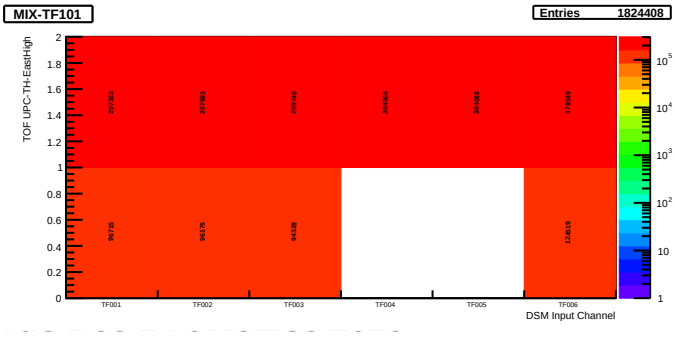

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

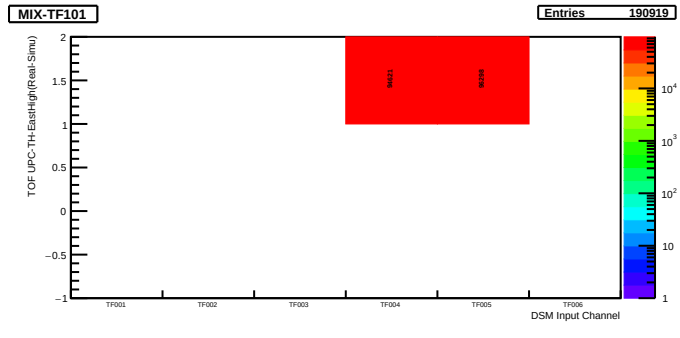

MIX-TF101
Entries 1824408
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

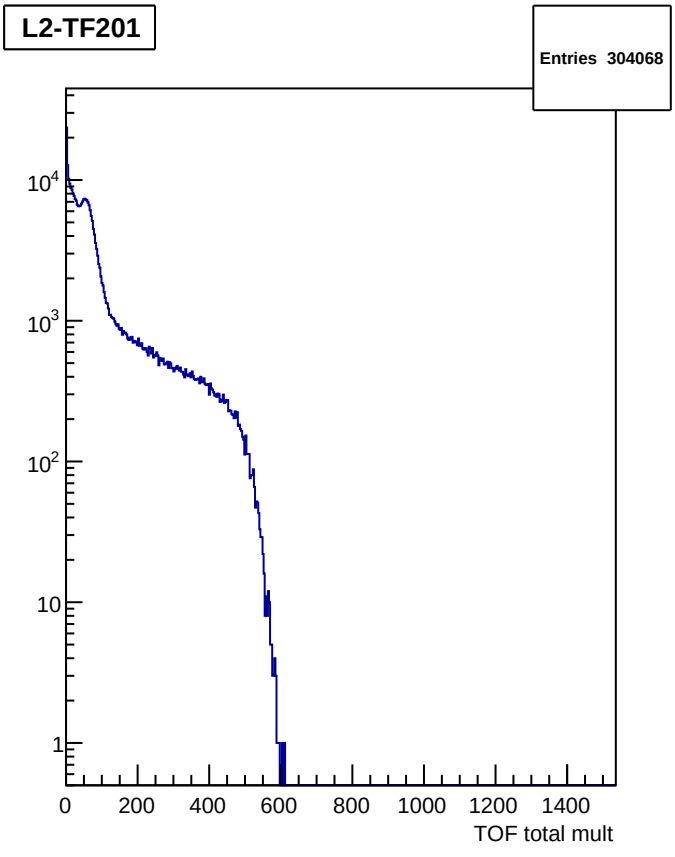

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

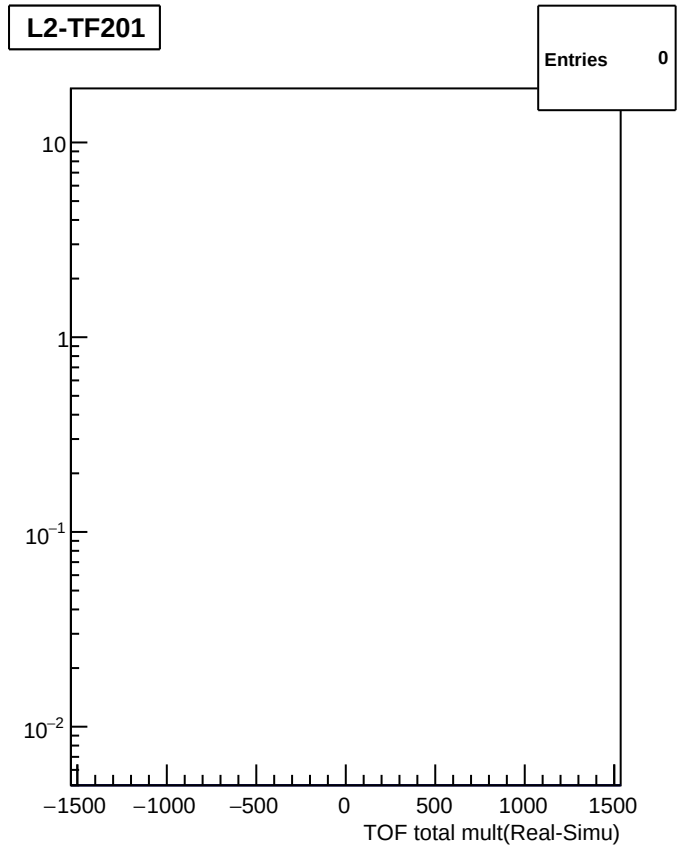

MIX-TF101
Entries 1824408
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

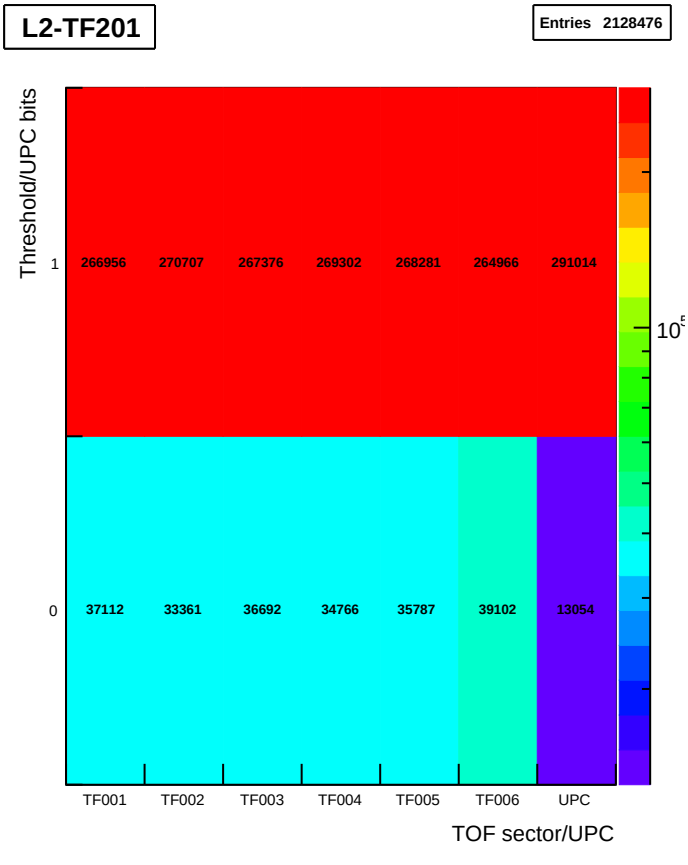

MIX-TF101
Entries 93947
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

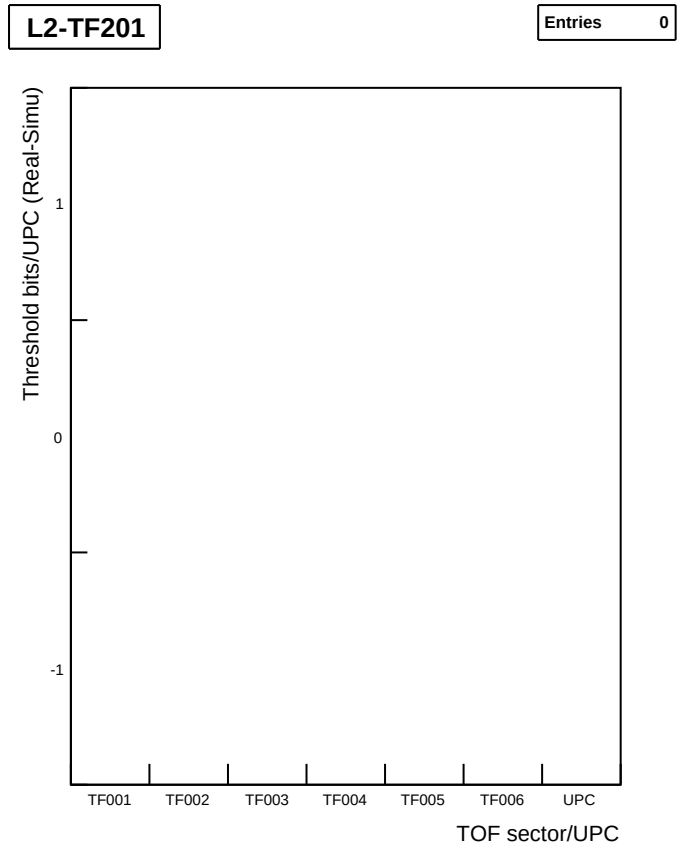

MIX-TF101
Entries 1824408
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

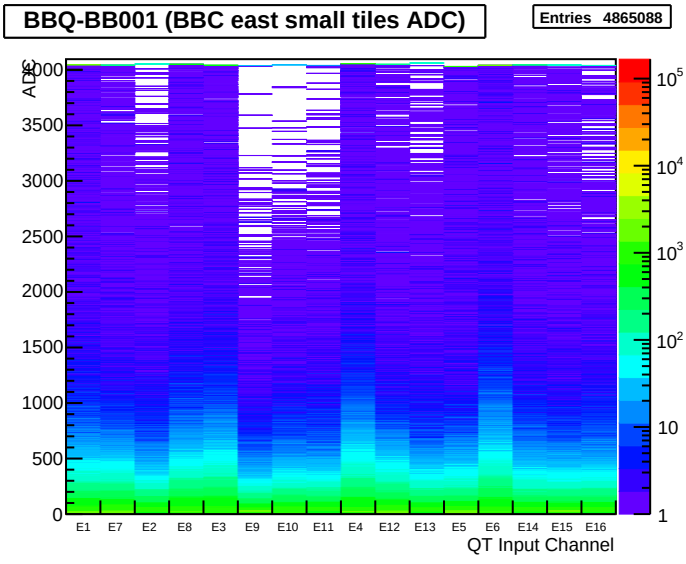

MIX-TF101
Entries 190919
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

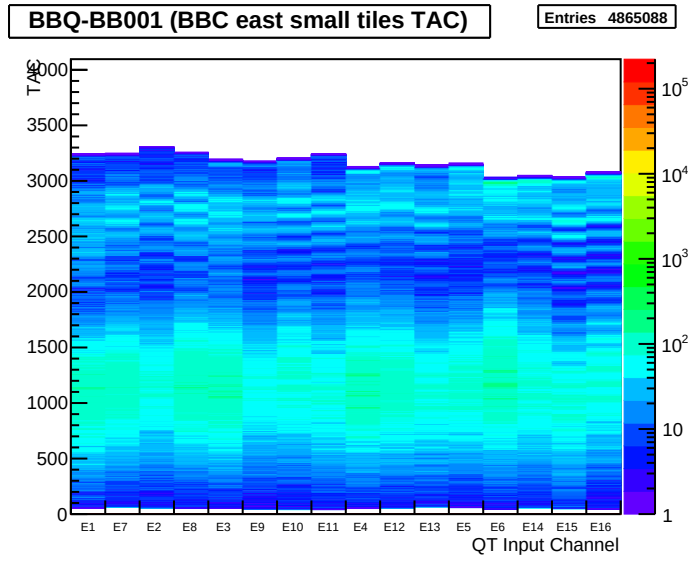

L2-TF201
Entries 304068
TOF total mult

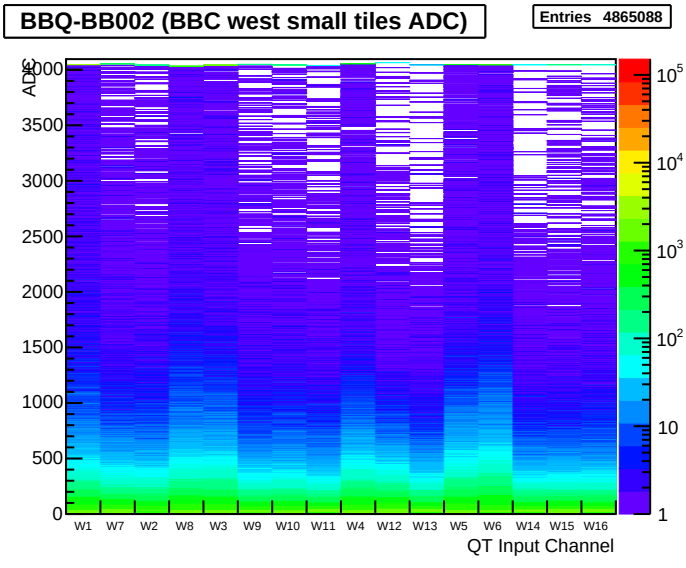

L2-TF201
Entries 0
TOF total mult(Real-Simu)

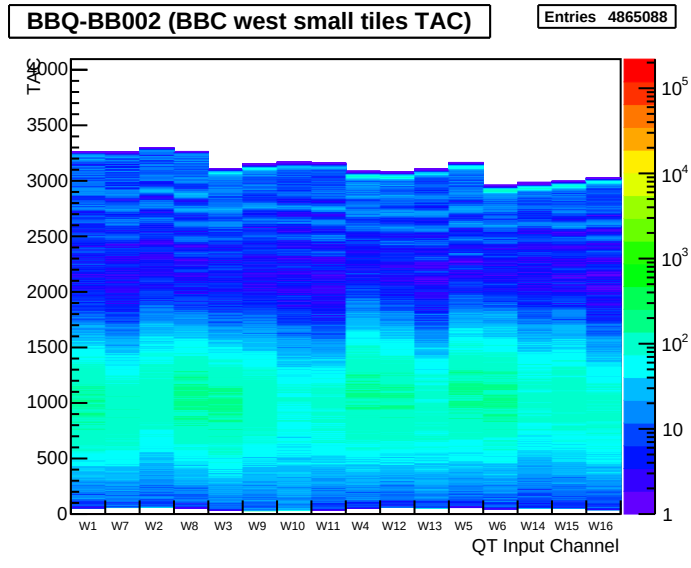

L2-TF201
Entries 2128476
Threshold/UPC bits
266956
270707
267376
269302
268281
264966
291014
37112
33361
36692
34766
35787
39102
13054
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

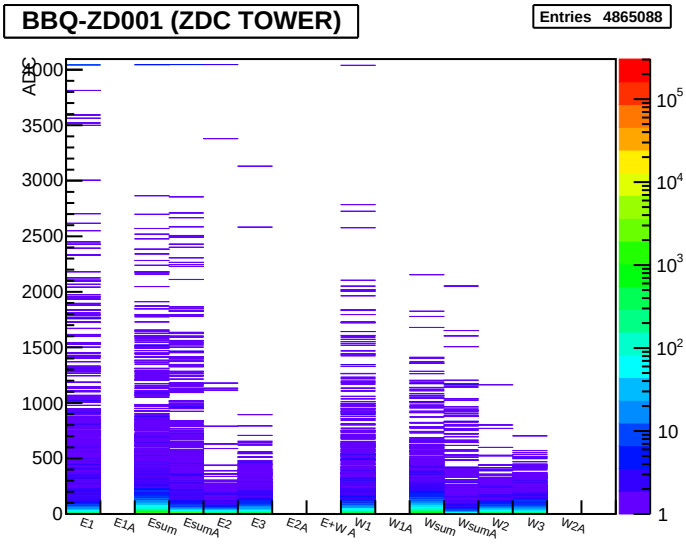

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

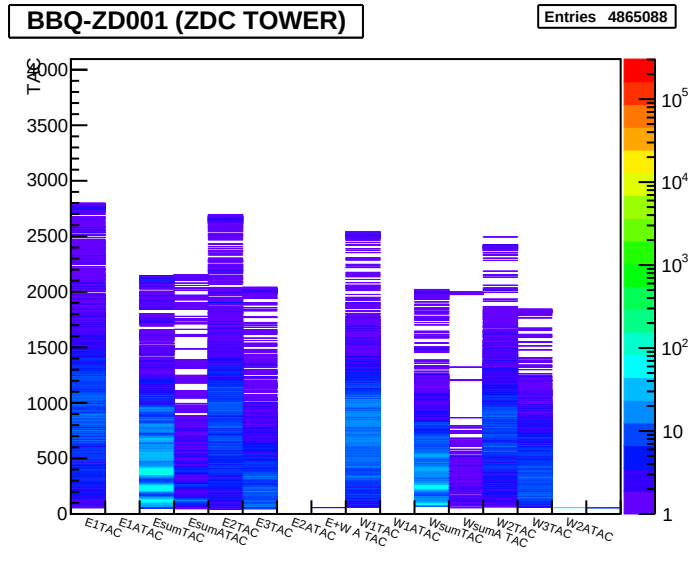

BBQ-BB001 (BBC east small tiles ADC)
Entries 4865088
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

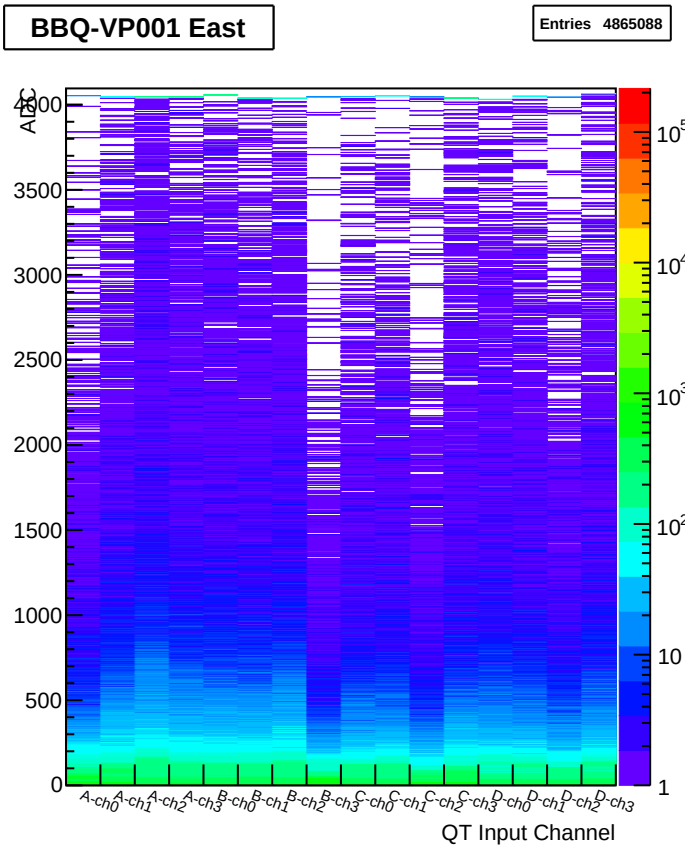

BBQ-BB001 (BBC east small tiles TAC)
Entries 4865088
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

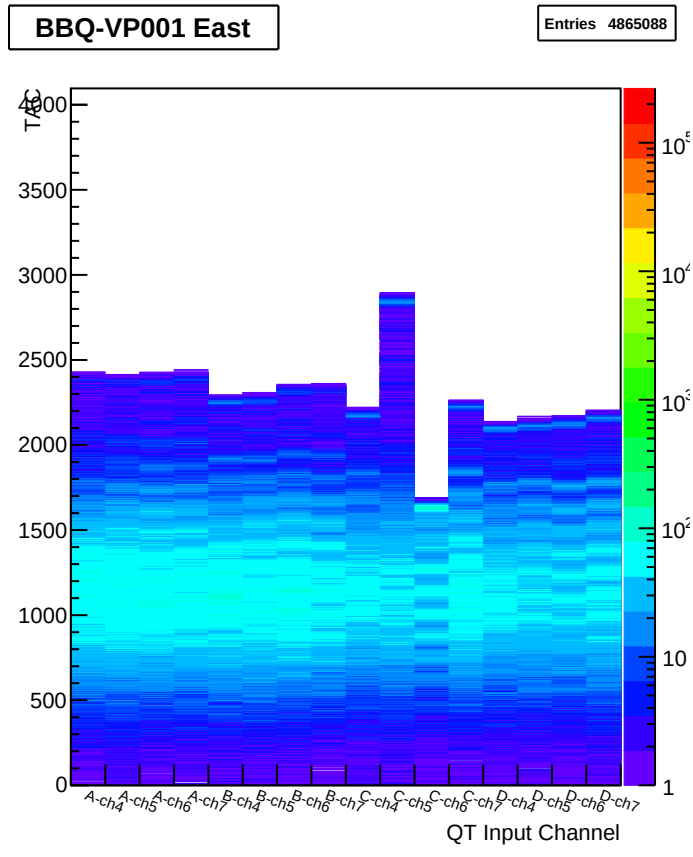

BBQ-BB002 (BBC west small tiles ADC)
Entries 4865088
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

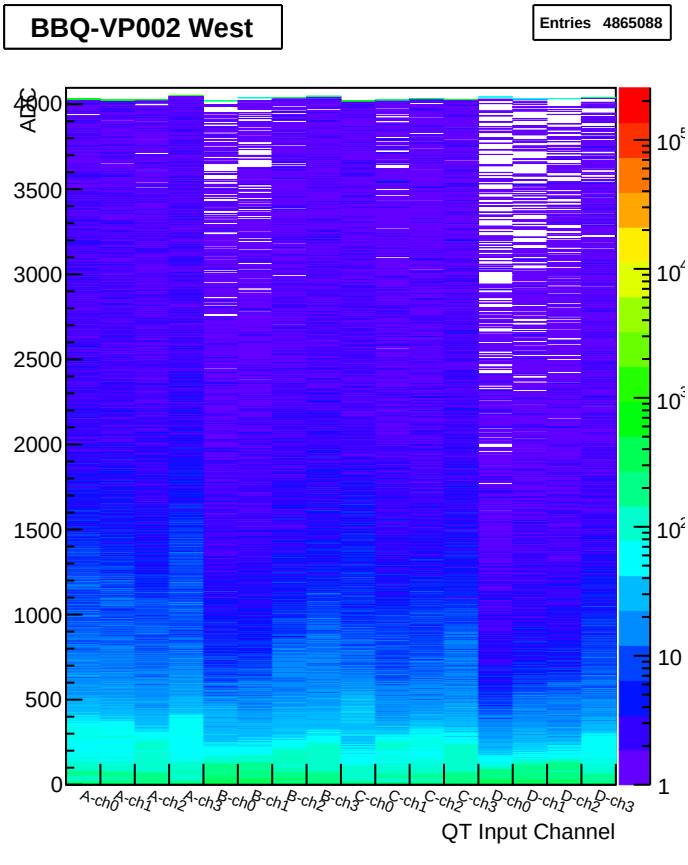

BBQ-BB002 (BBC west small tiles TAC)
Entries 4865088
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

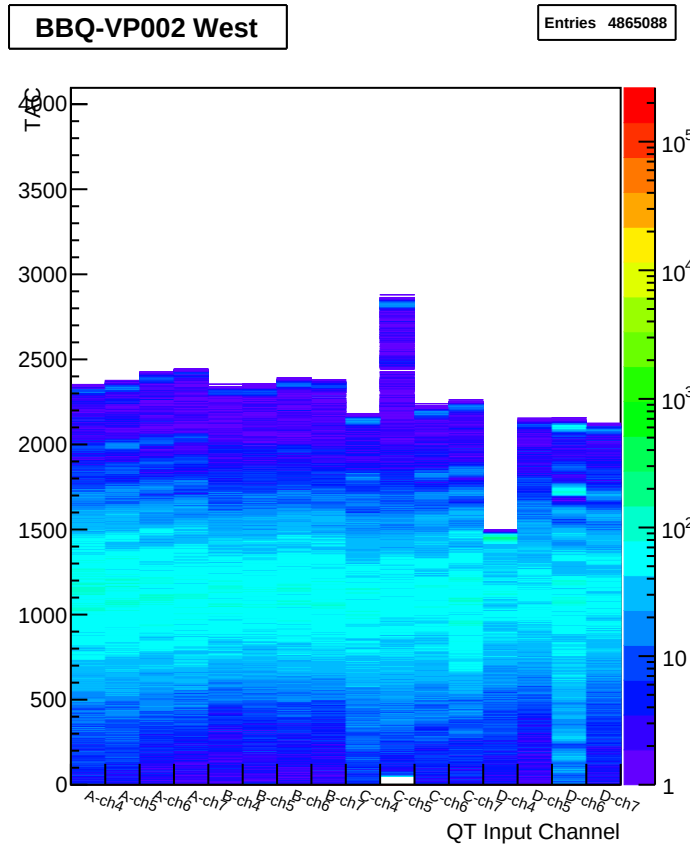

BBQ-ZD001 (ZDC TOWER)
Entries 4865088
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

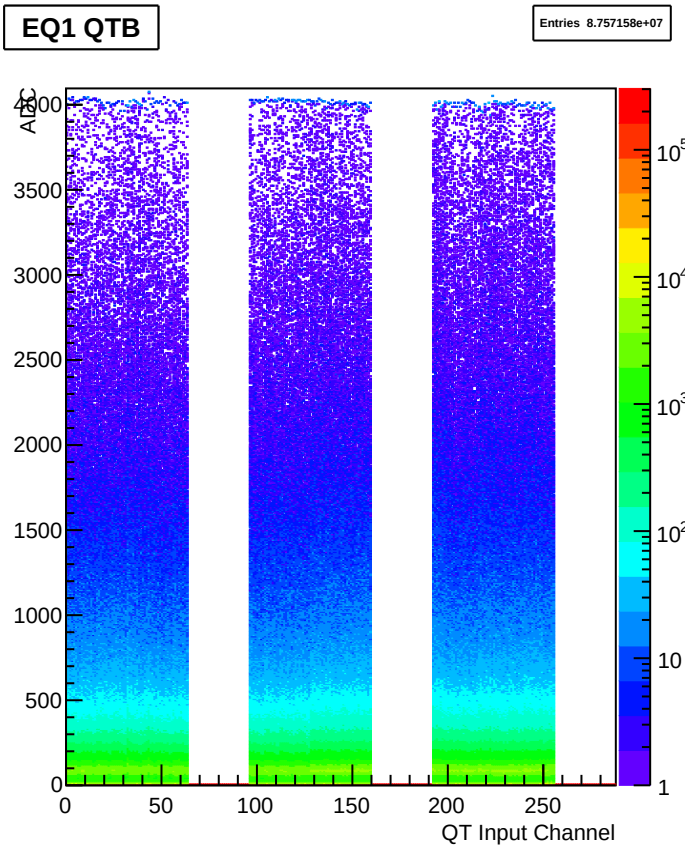

BBQ-ZD001 (ZDC TOWER)
Entries 4865088
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

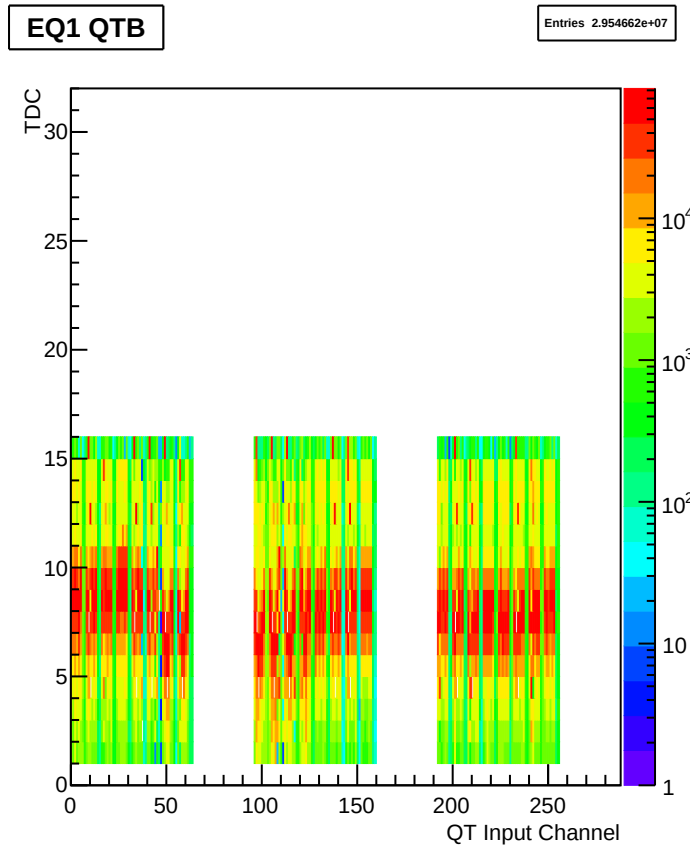

BBQ-VP001 East
Entries 4865088
ADC
QT Input Channel

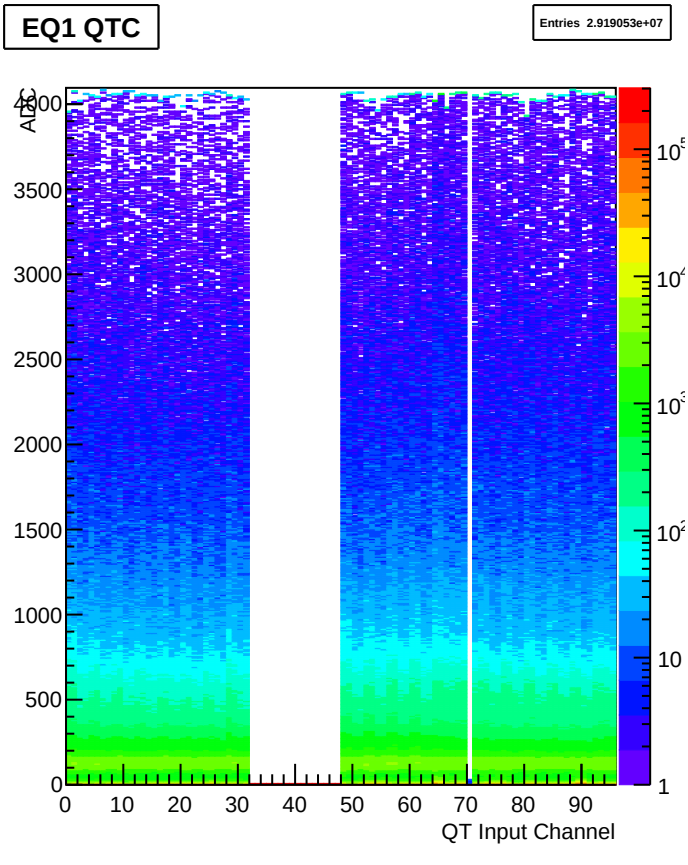

BBQ-VP001 East
Entries 4865088
TADC
QT Input Channel

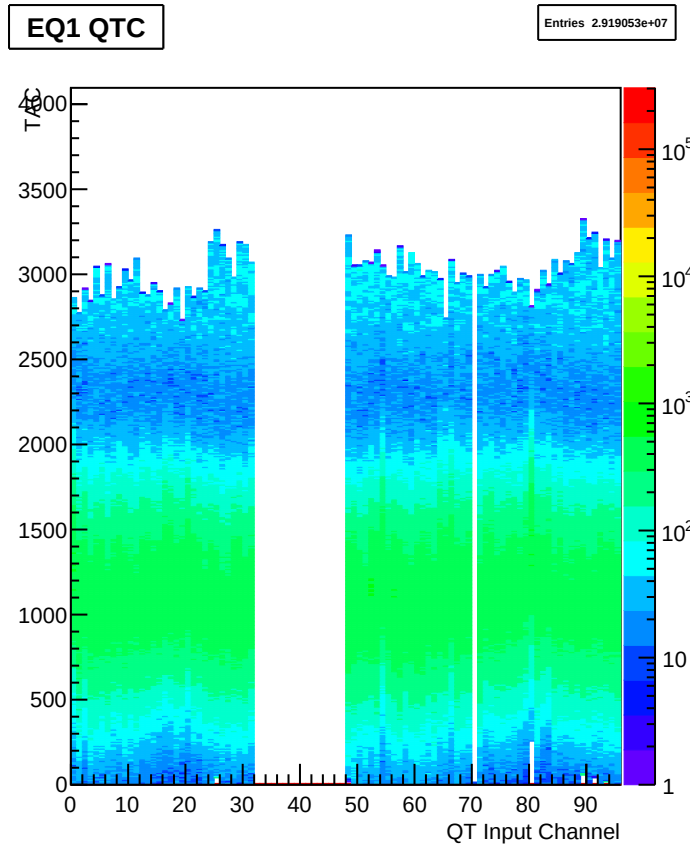

BBQ-VP002 West
Entries 4865088
ADC
QT Input Channel

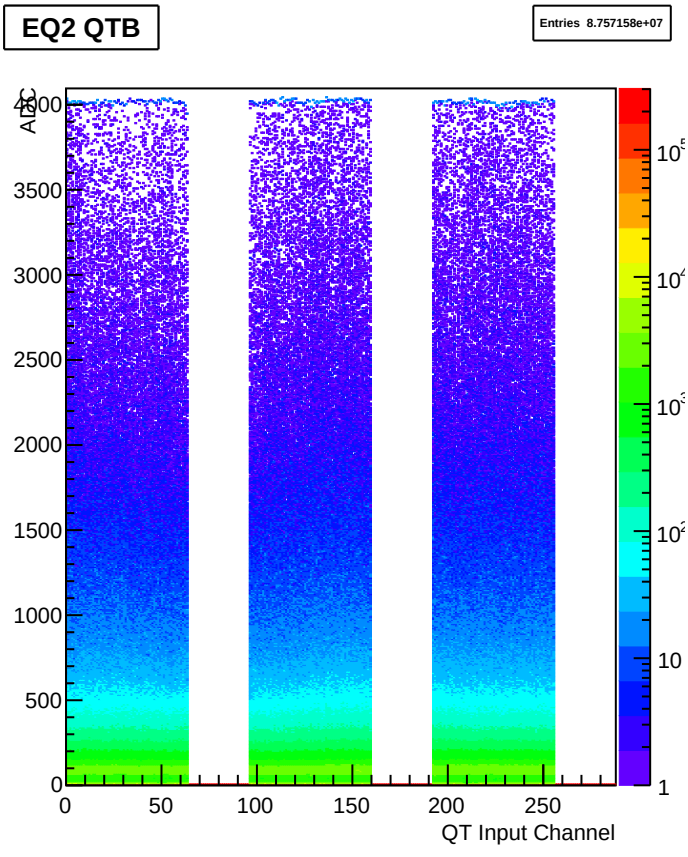

BBQ-VP002 West
Entries 4865088
TADC
QT Input Channel

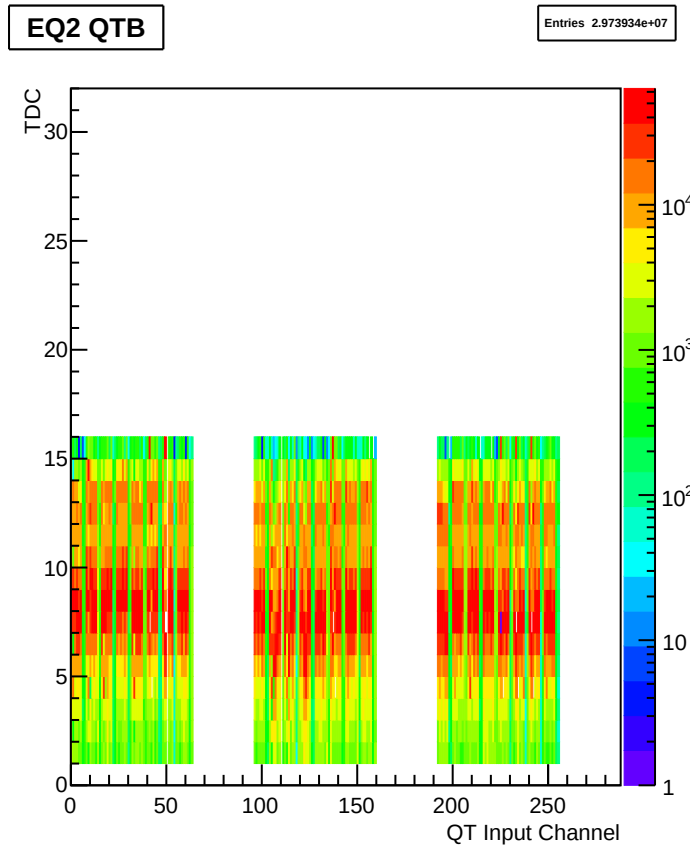

EQ1 QTB
Entries 8.757158e+07
ADC
QT Input Channel

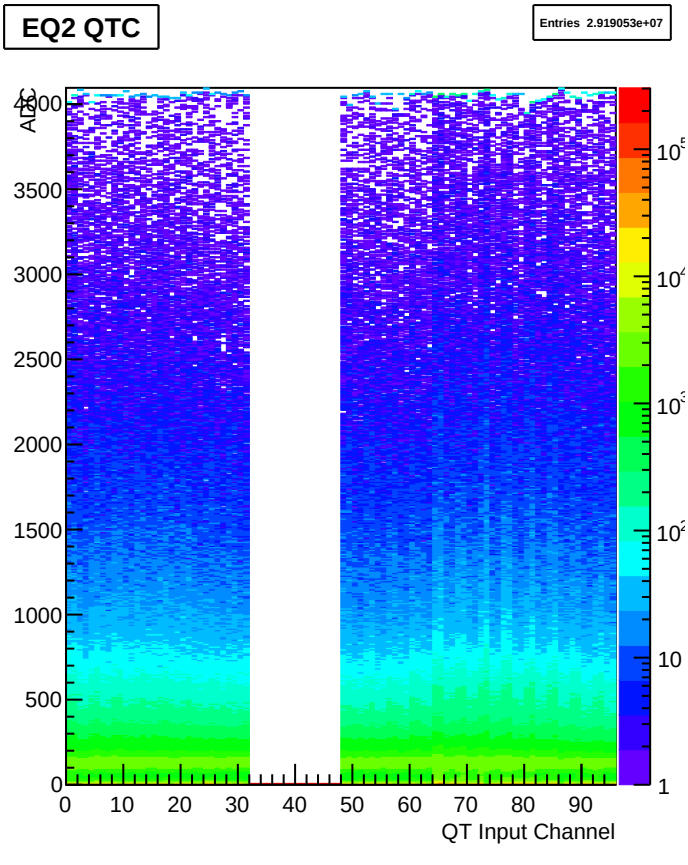

EQ1 QTB
Entries 2.954662e+07
TDC
QT Input Channel

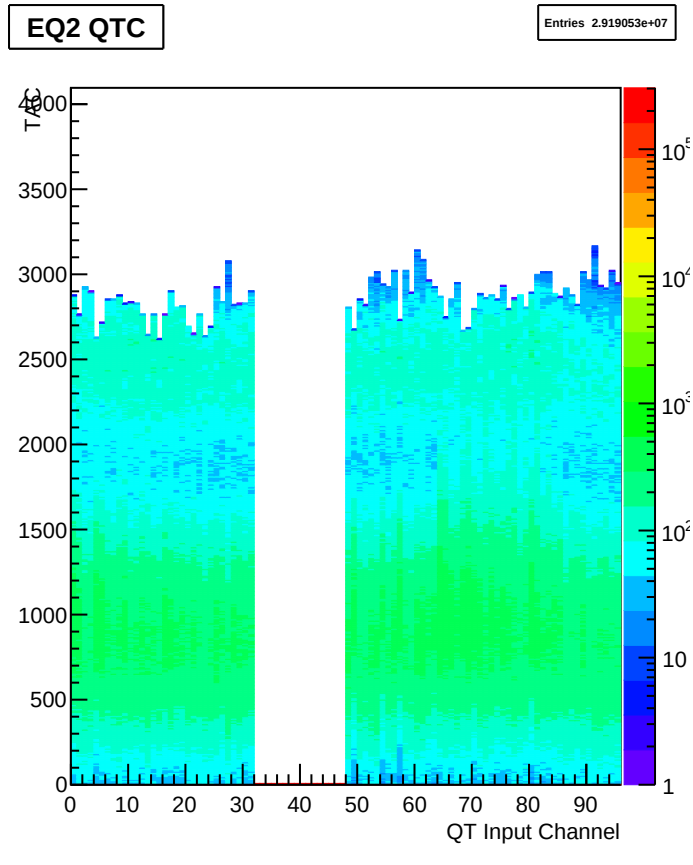

EQ1 QTC
Entries 2.919053e+07
ADC
QT Input Channel

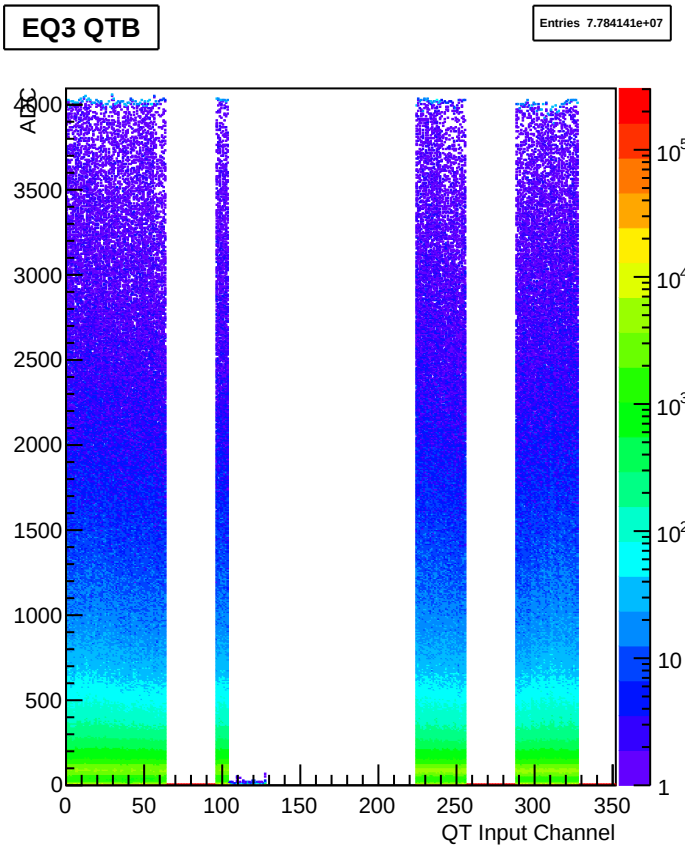

EQ1 QTC
Entries 2.919053e+07
TADC
QT Input Channel

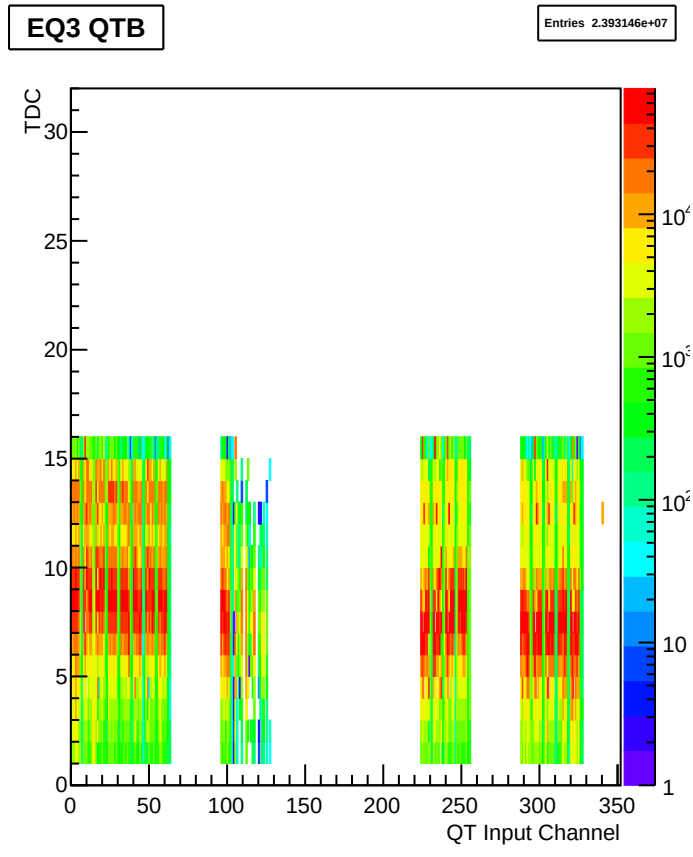

EQ2 QTB
Entries 8.757158e+07
ADC
QT Input Channel

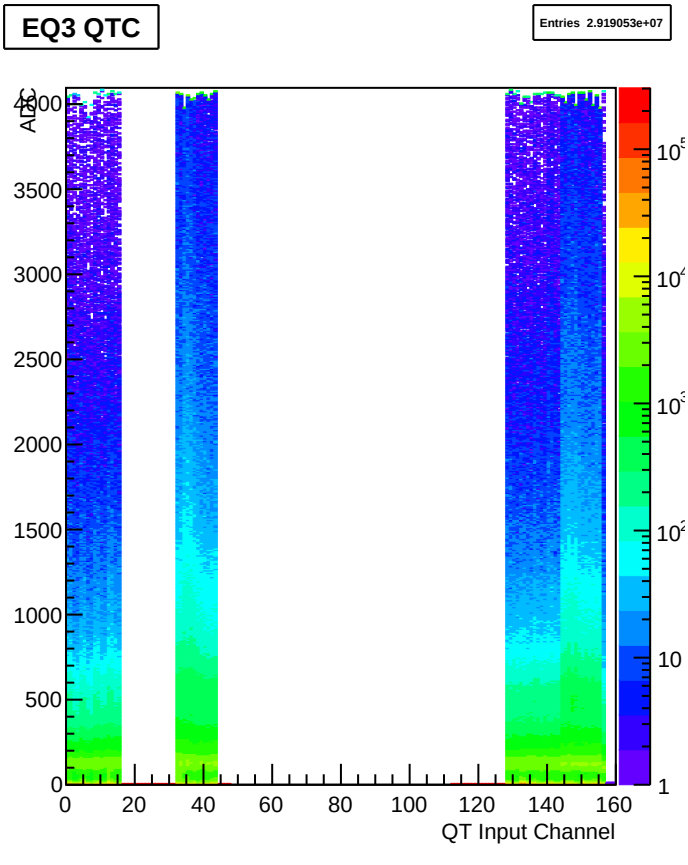

EQ2 QTB
Entries 2.973934e+07
TDC
QT Input Channel

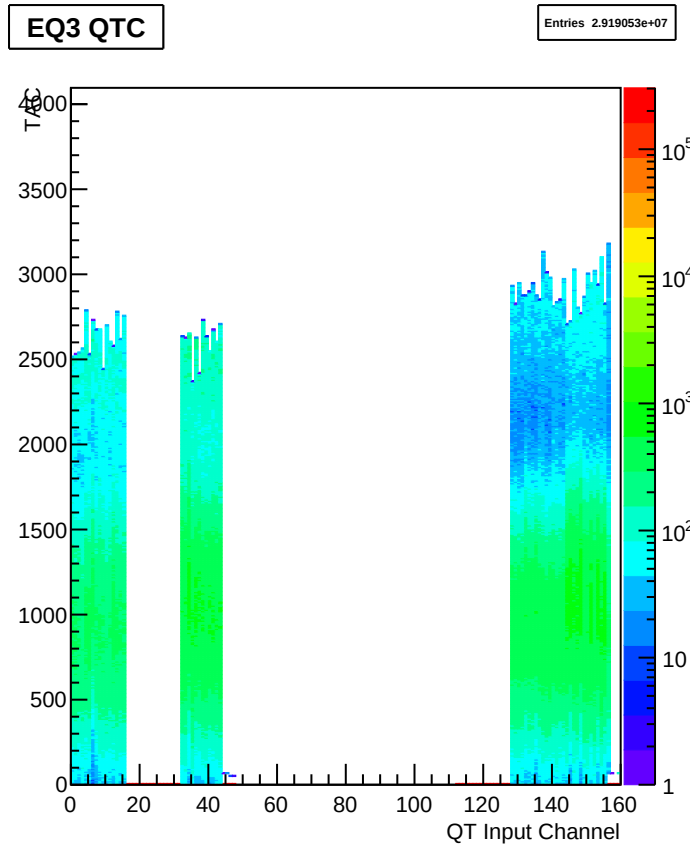

EQ2 QTC
Entries 2.919053e+07
ADC
QT Input Channel

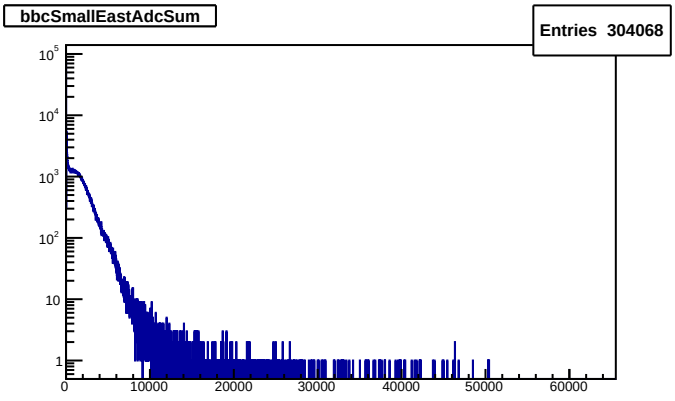

EQ2 QTC
Entries 2.919053e+07
TADC
QT Input Channel

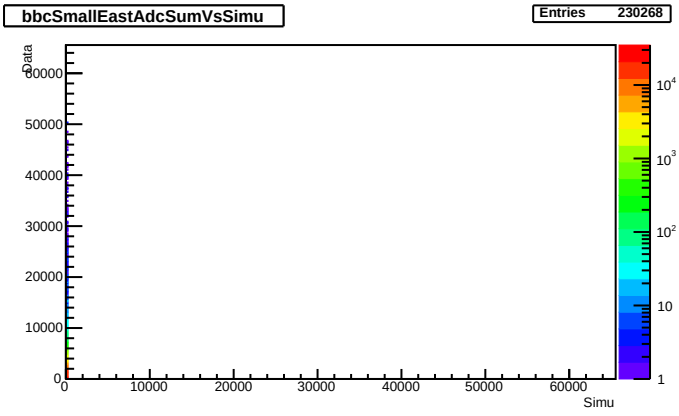

EQ3 QTB
Entries 7.784141e+07
ADC
QT Input Channel

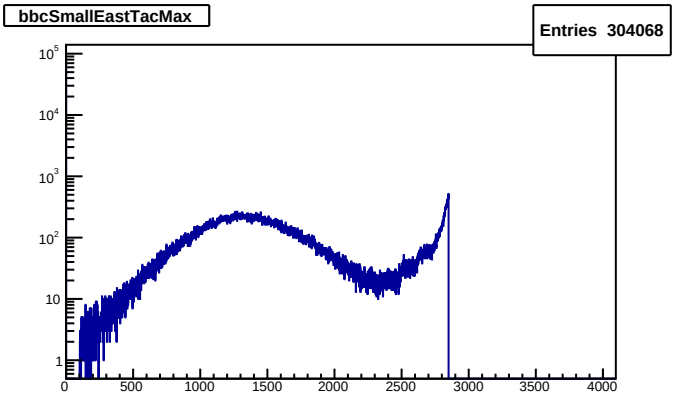

EQ3 QTB
Entries 2.393146e+07
TDC
QT Input Channel

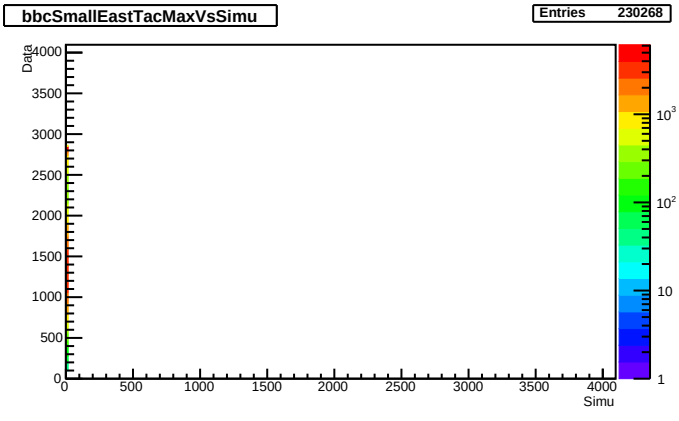

EQ3 QTC
Entries 2.919053e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.919053e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 304068


bbcSmallEastAdcSumVsSimu
Entries 230268
Data
Simu


bbcSmallEastTacMax
Entries 304068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Entries 230268
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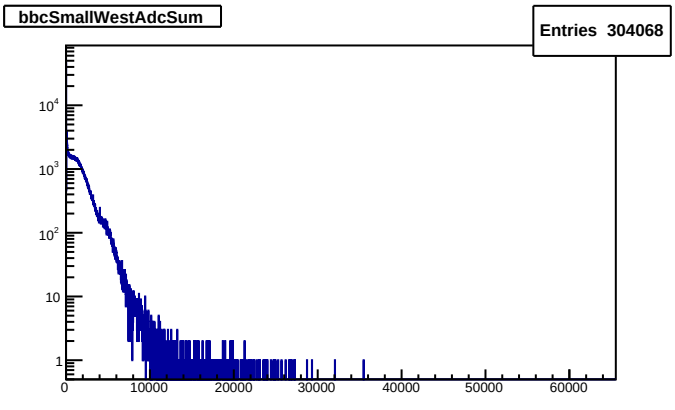
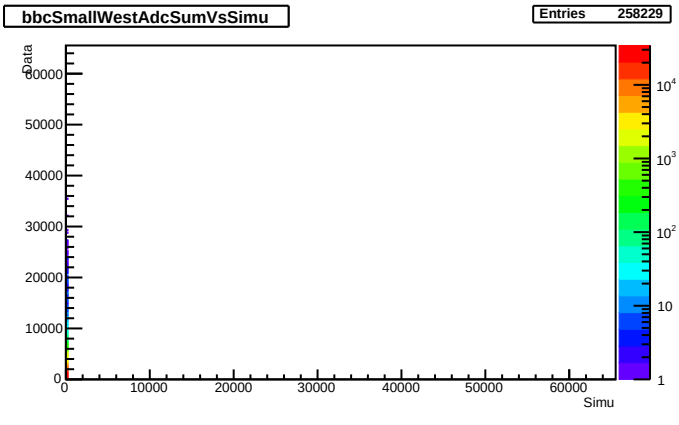
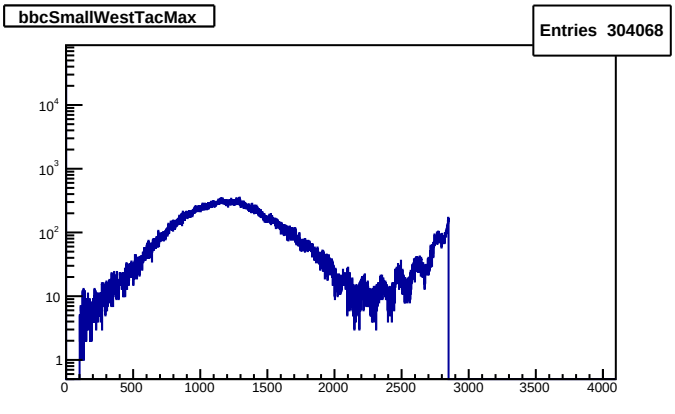

bbcSmallWestAdcSum
Entries 304068


bbcSmallWestAdcSumVsSimu
Entries 258229
Data
Simu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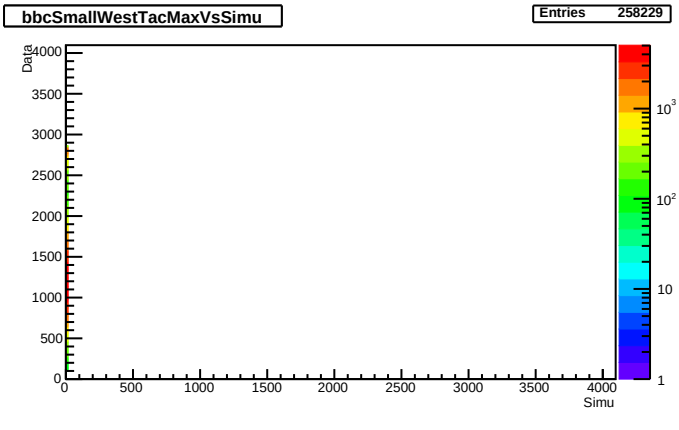
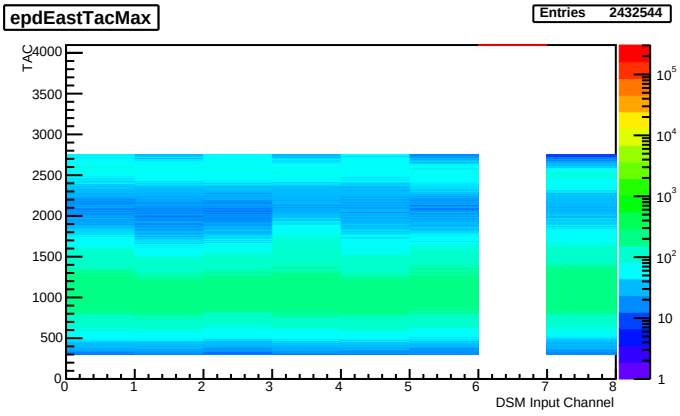
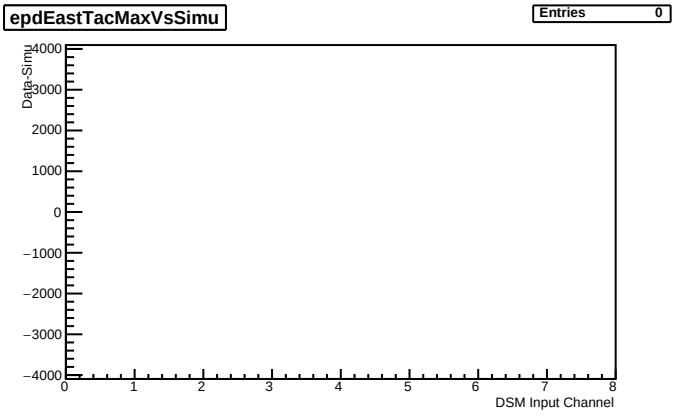
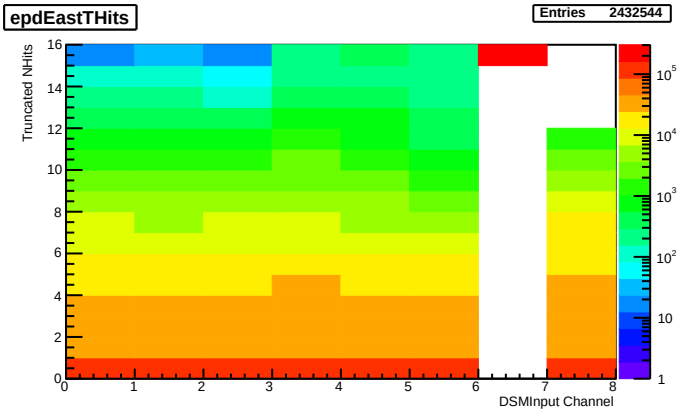
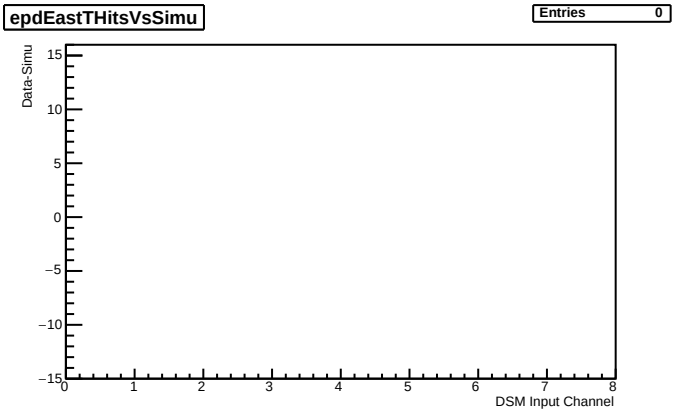
Entries 304068


bbcSmallWestTacMaxVsSimu
Entries 258229
Data
Simu


epdEastTacMax
Entries 2432544
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2432544
Truncated NHits
DSMInput Channel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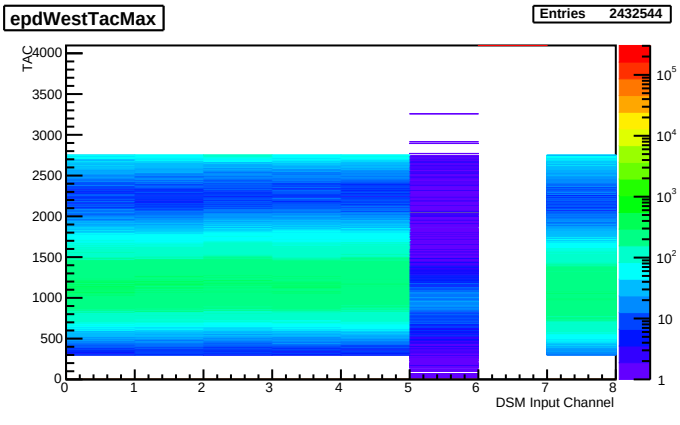
Entries 0
Data-Simu
DSM Input Channel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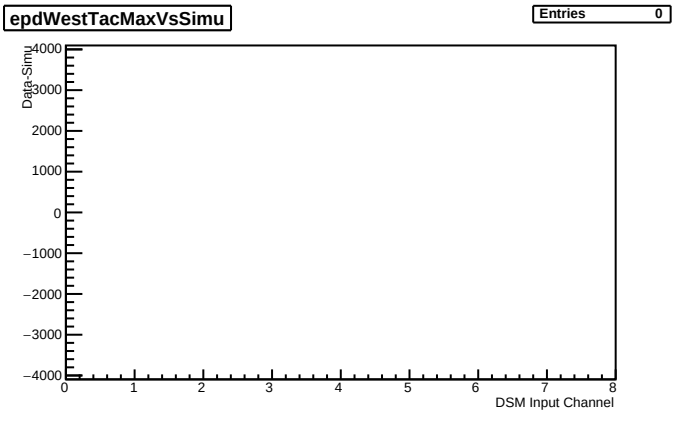
Entries 2432544
TAC
DSM Input Channel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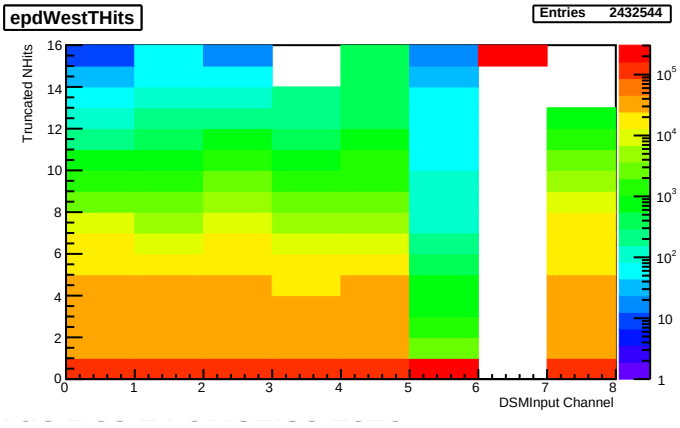
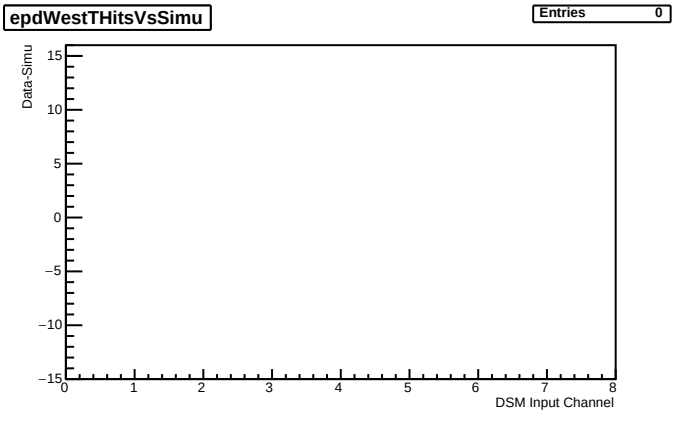
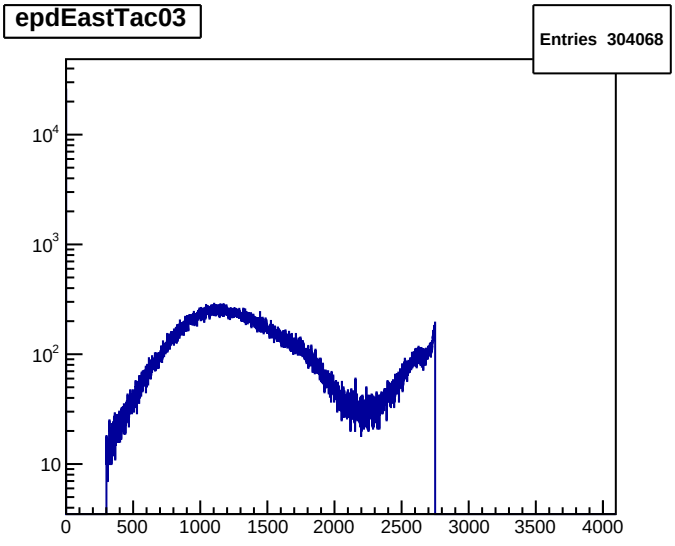
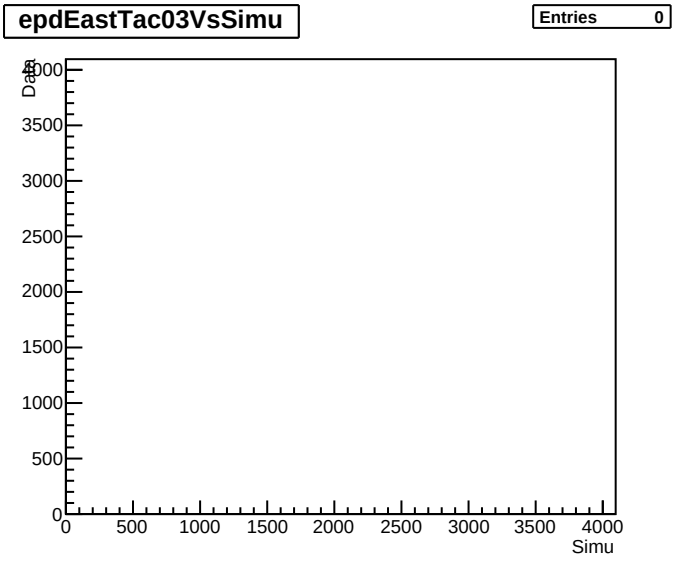
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2432544
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 304068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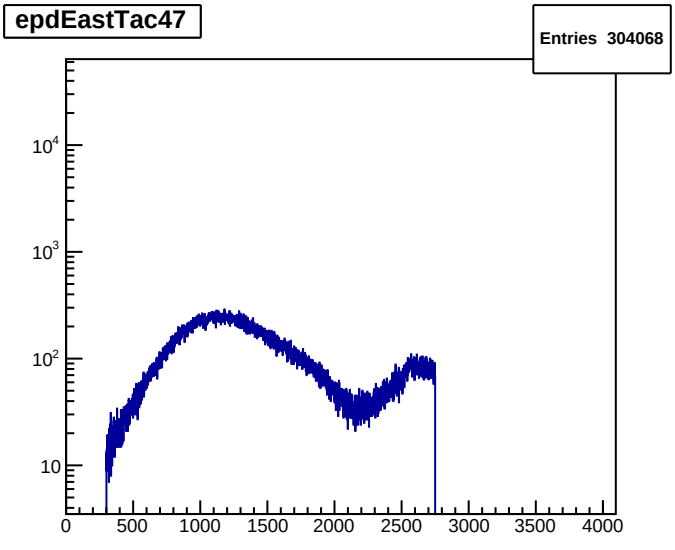
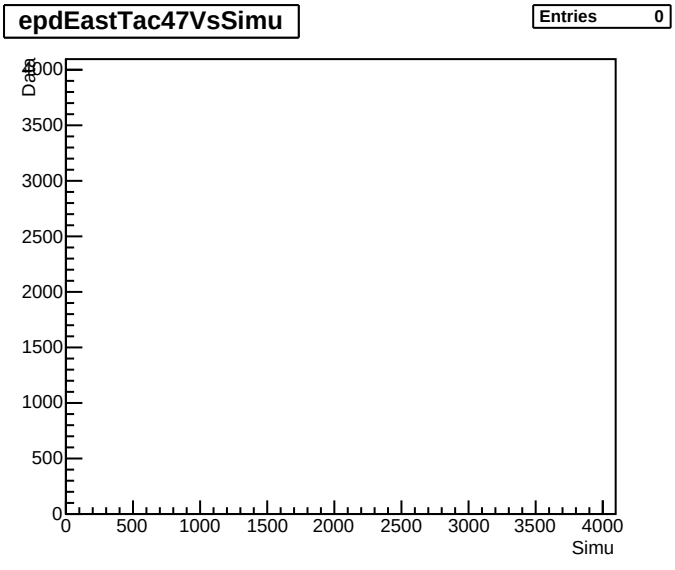
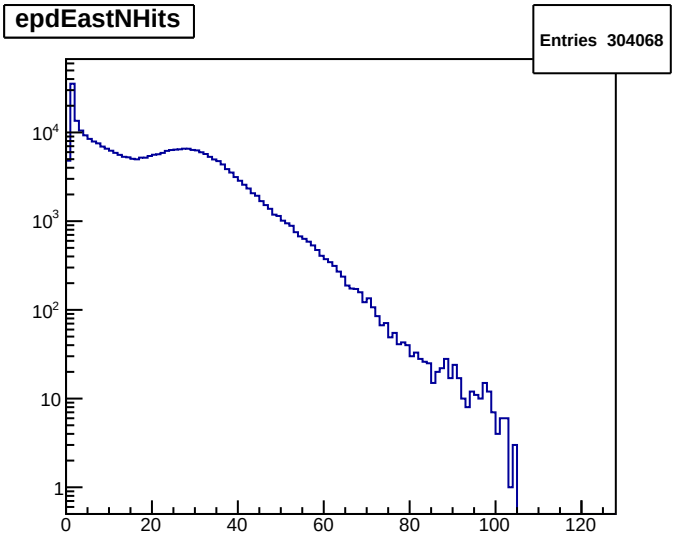
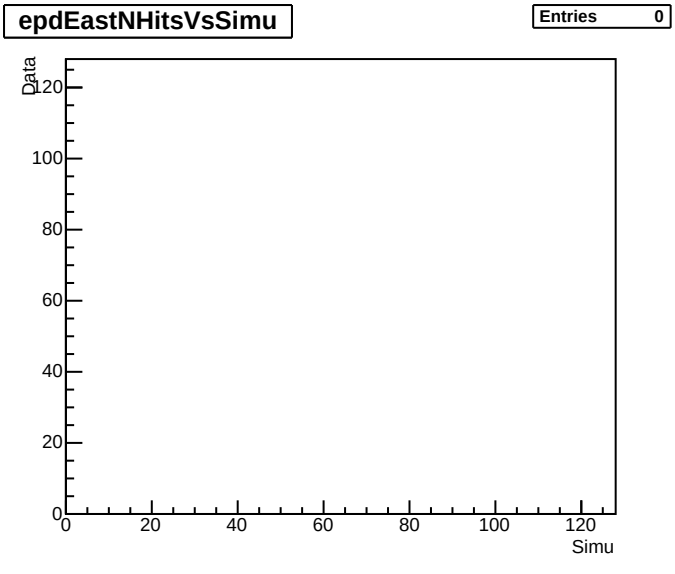
Entries 0
Data
Simu


epdEastTac47
Entries 304068


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 304068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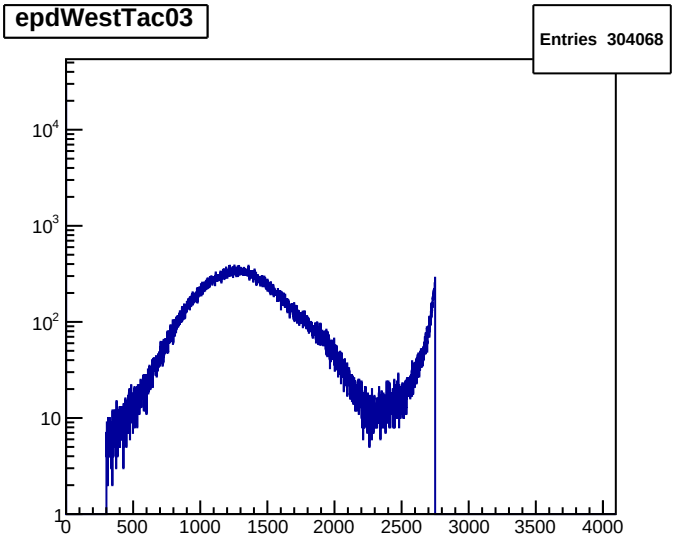
Entries 0
Data
Simu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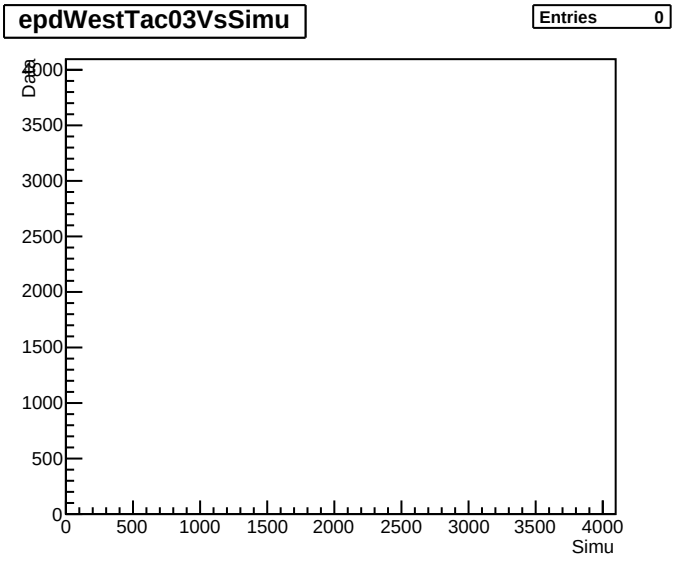
Entries 304068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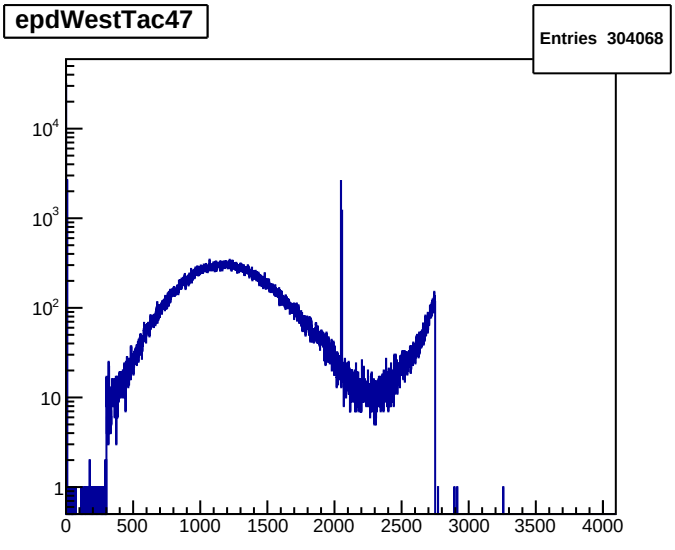
Entries 0
Data
Simu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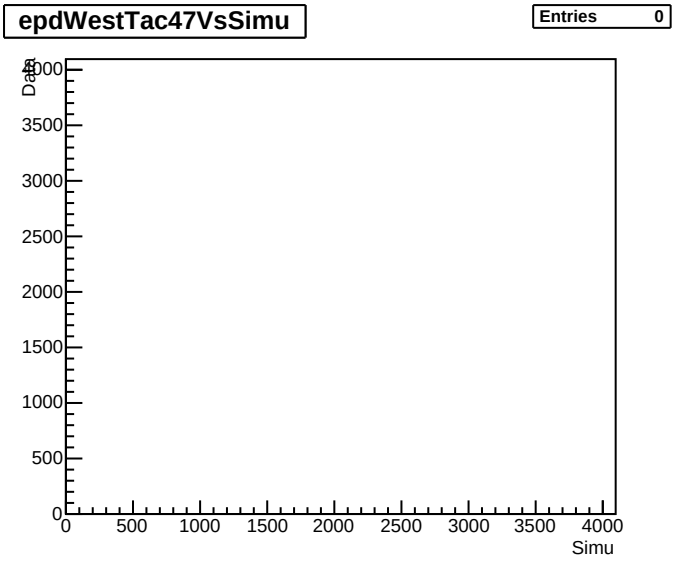
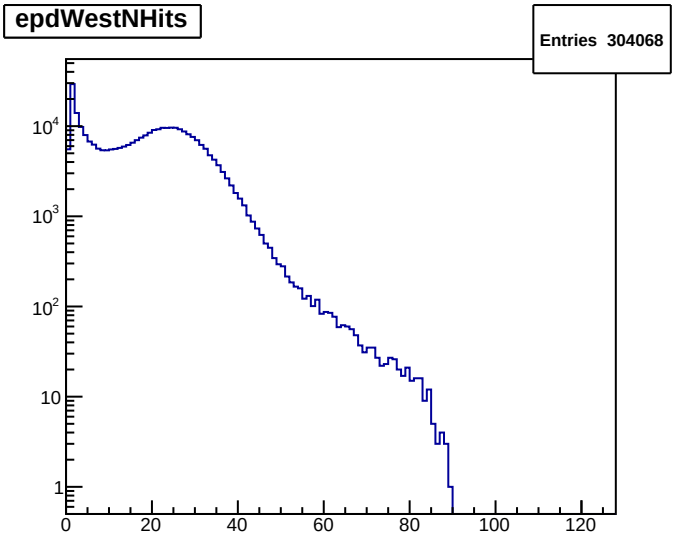
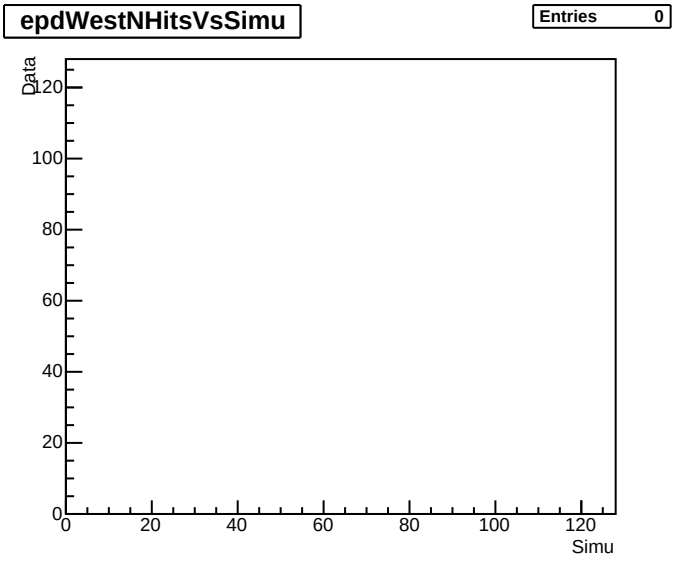
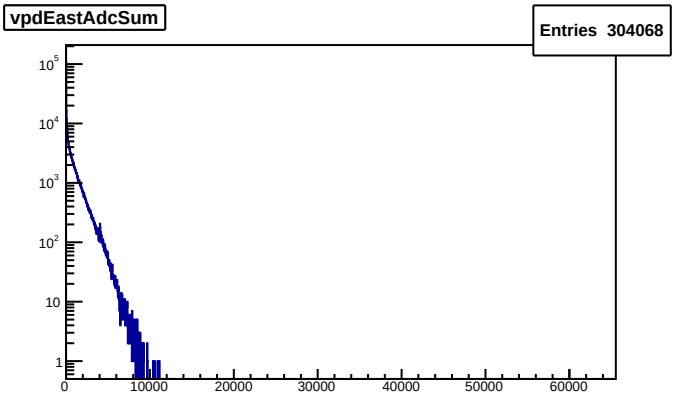
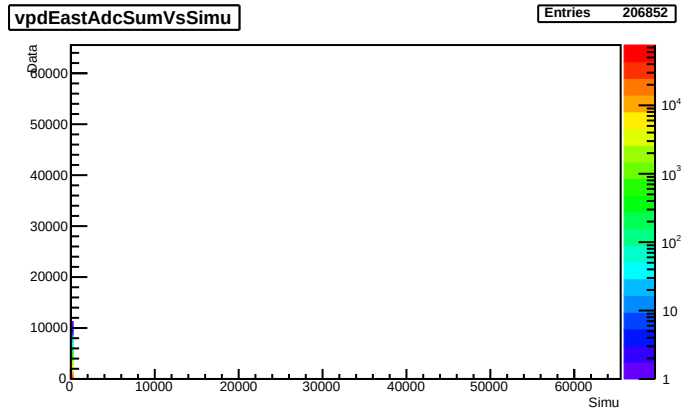
Entries 304068

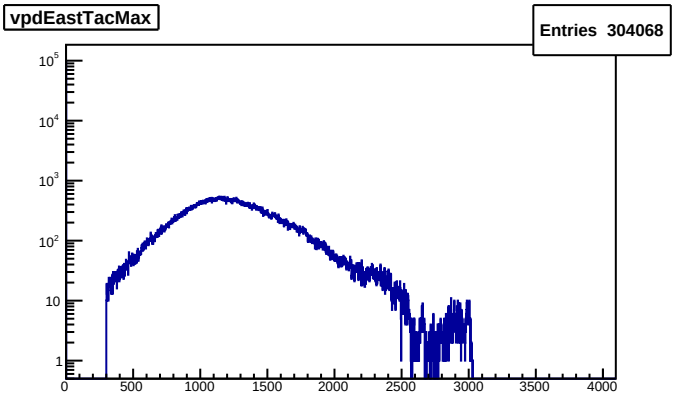

epdWestTac47VsSimu
Entries 0
Data
Simu

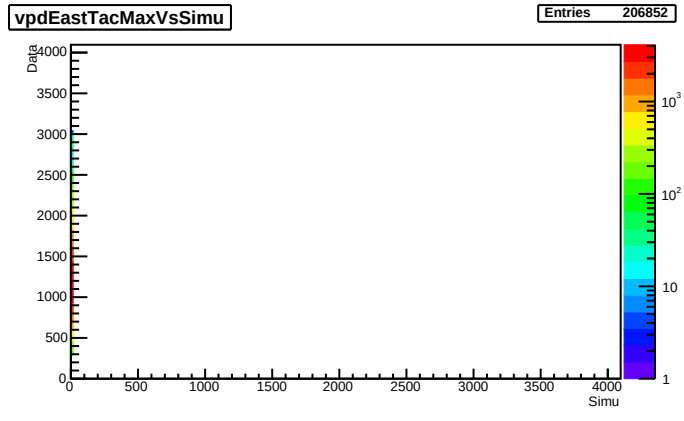

epdWestNHits
Entries 304068

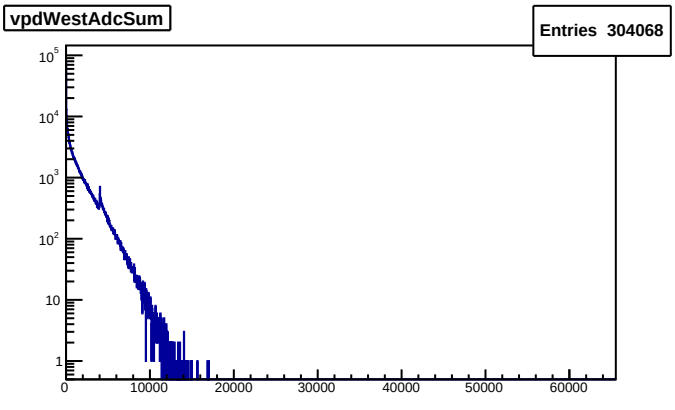

epdWestNHitsVsSimu
Entries 0
Data
Simu

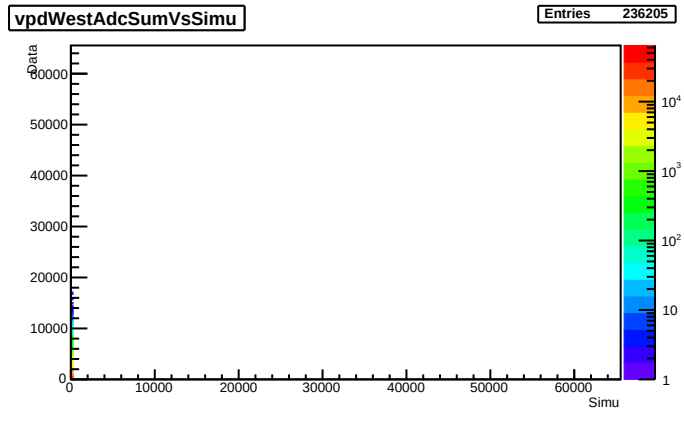

vpdEastAdcSum
Entries 304068

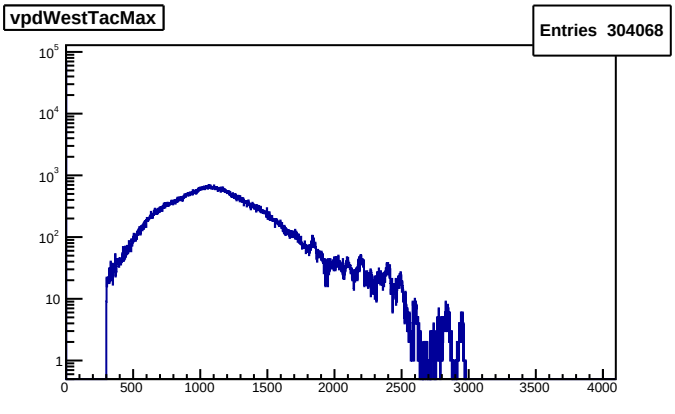

vpdEastAdcSumVsSimu
Entries 206852
Data
Simu

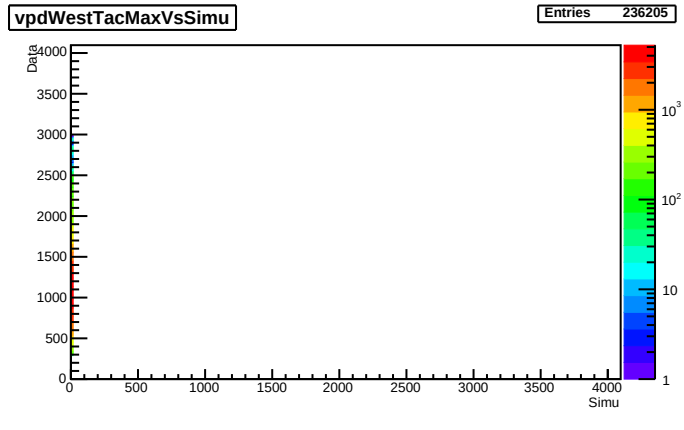

vpdEastTacMax
Entries 304068

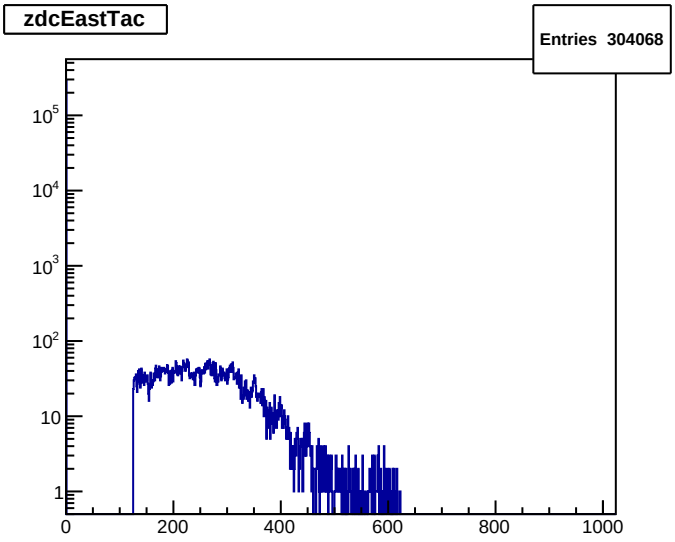

vpdEastTacMaxVsSimu
Entries 206852
Data
Simu

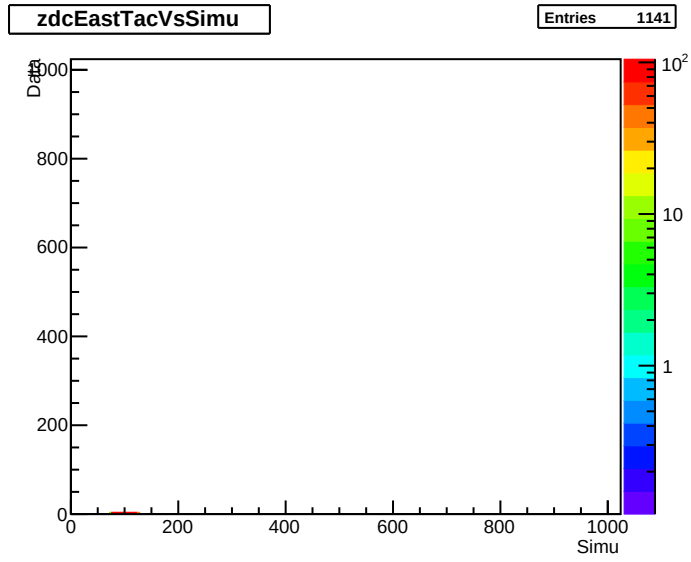

vpdWestAdcSum
Entries 304068

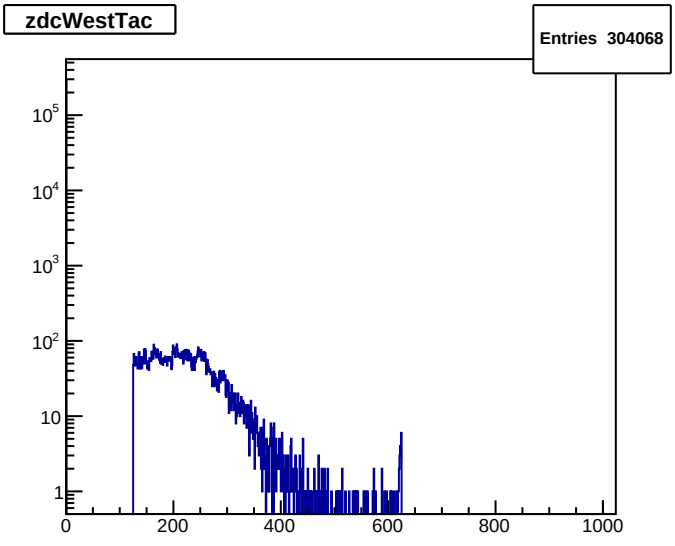

vpdWestAdcSumVsSimu
Entries 236205
Data
Simu

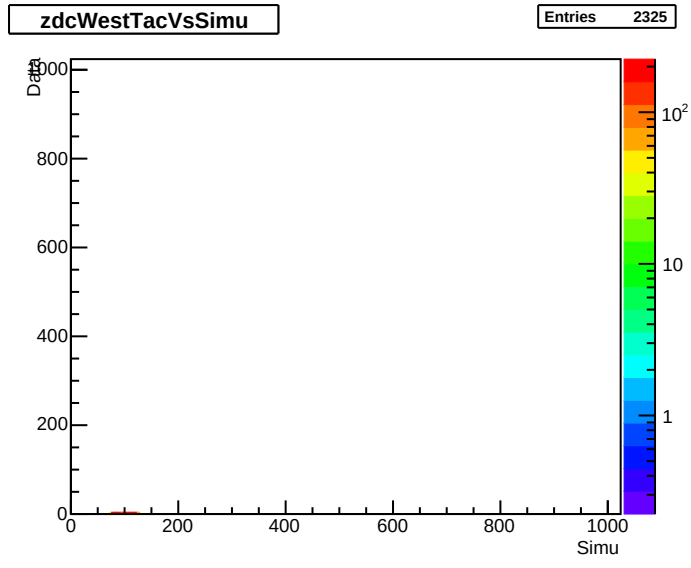

vpdWestTacMax
Entries 304068

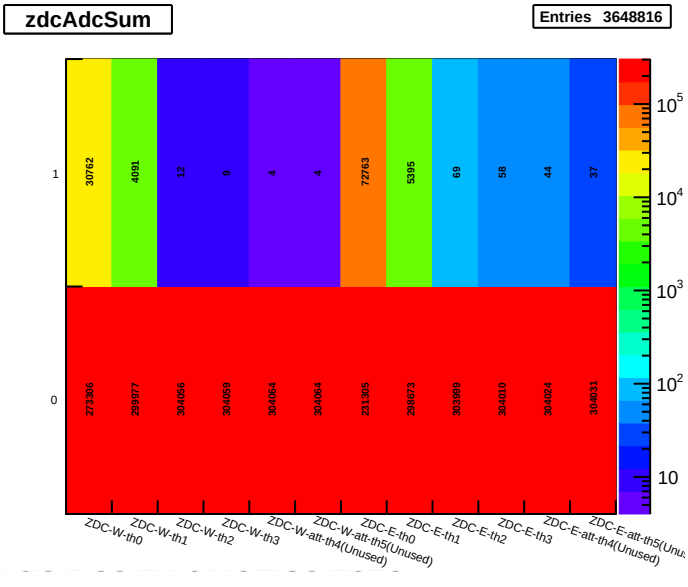

vpdWestTacMaxVsSimu
Entries 236205
Data
Simu

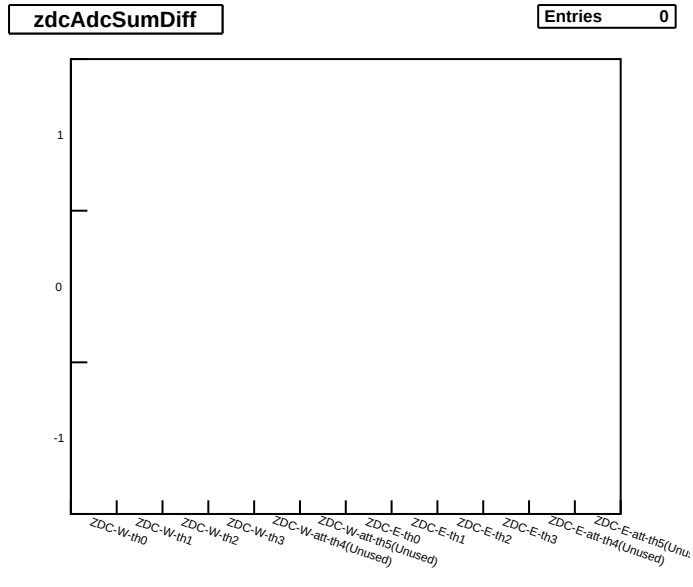

zdcEastTac
Entries 304068

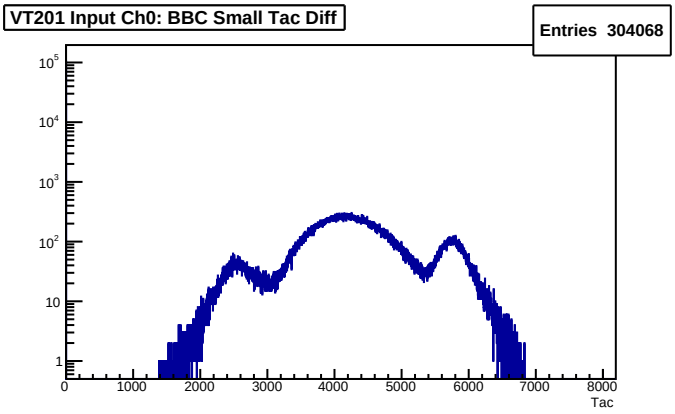

zdcEastTacVsSimu
Entries 1141
Data
Simu

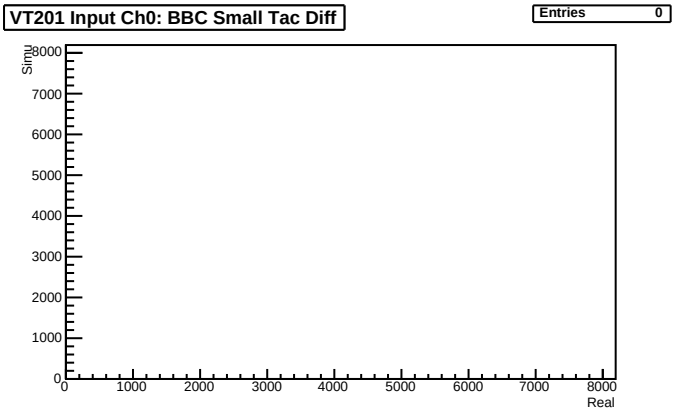

zdcWestTac
Entries 304068

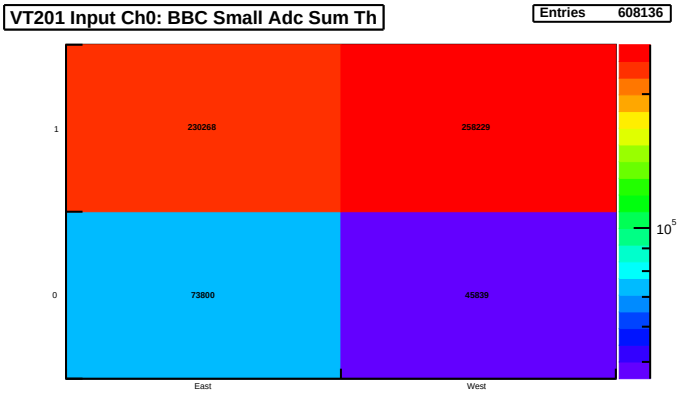

zdcWestTacVsSimu
Entries 2325
Data
Simu

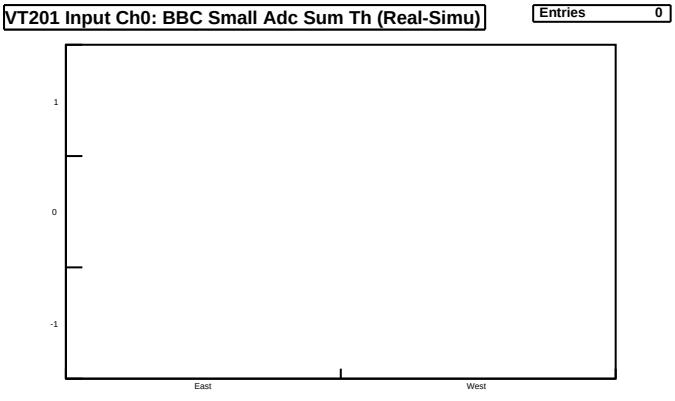

zdcAdcSum
Entries 3648816
30762
4091
12
9
4
4
72763
5395
69
58
44
37
273306
299977
304056
304059
304064
304064
231305
298673
303999
304010
304024
304031
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

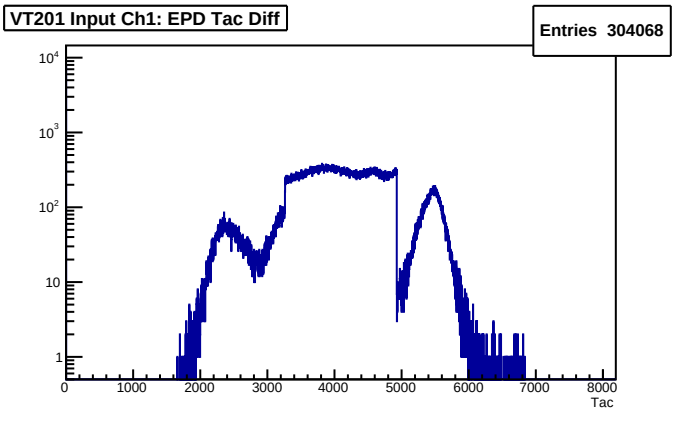

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

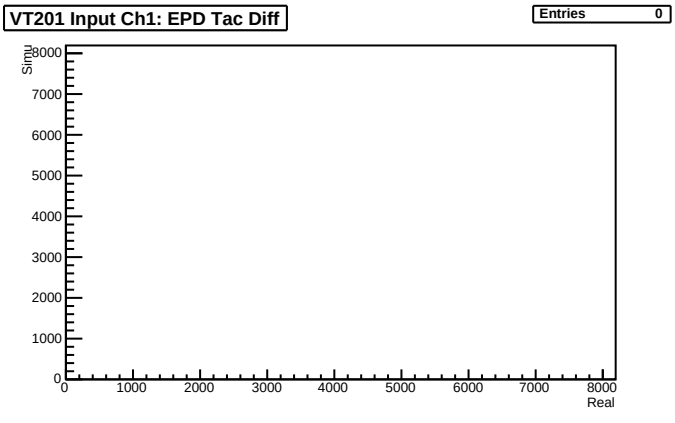

VT201 Input Ch0: BBC Small Tac Diff
Entries 304068
Tac

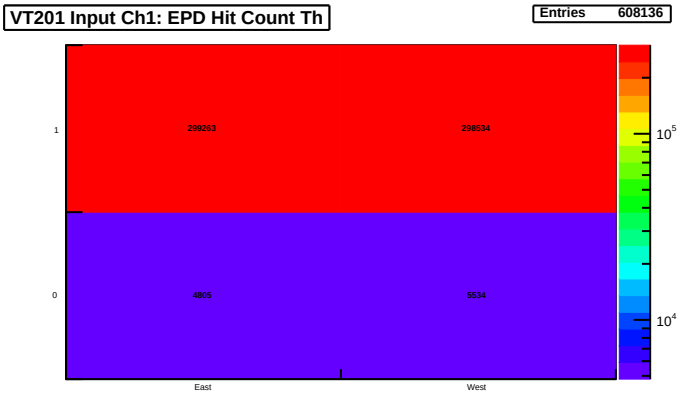

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

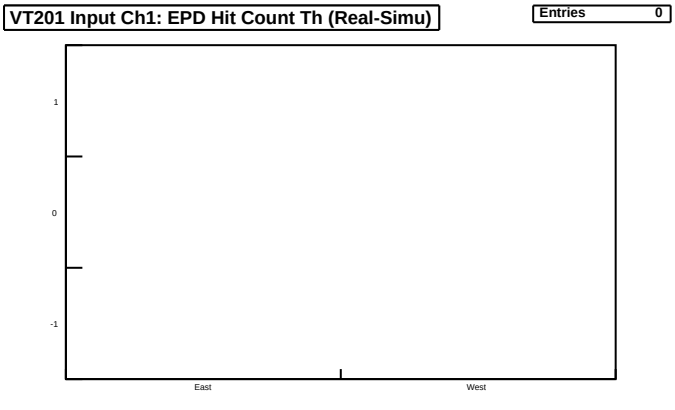

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 608136
230268
258229
73800
45839
East
West

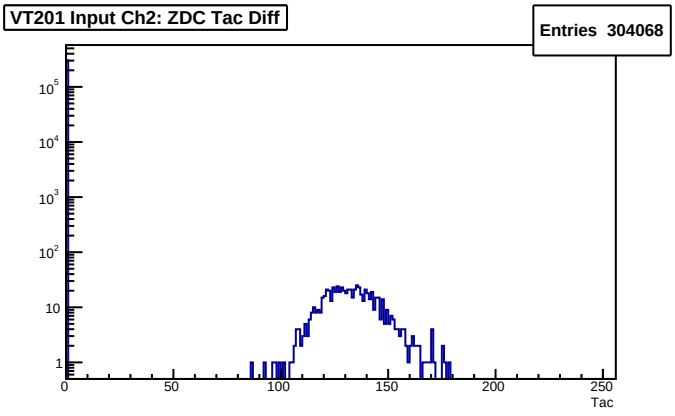

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

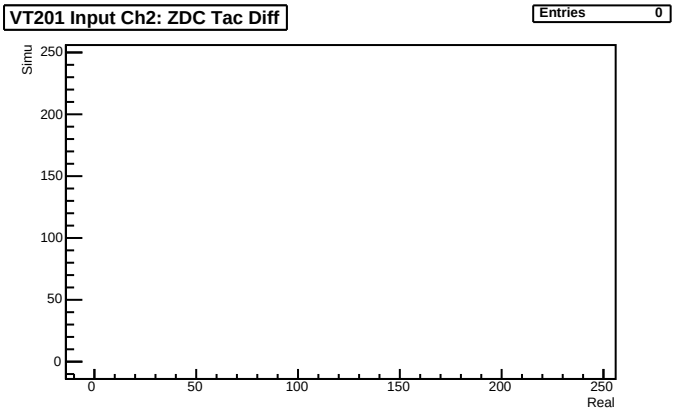

VT201 Input Ch1: EPD Tac Diff
Entries 304068
Tac

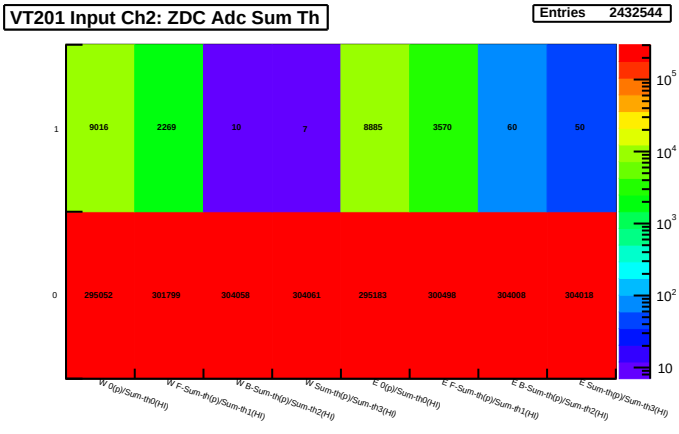

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

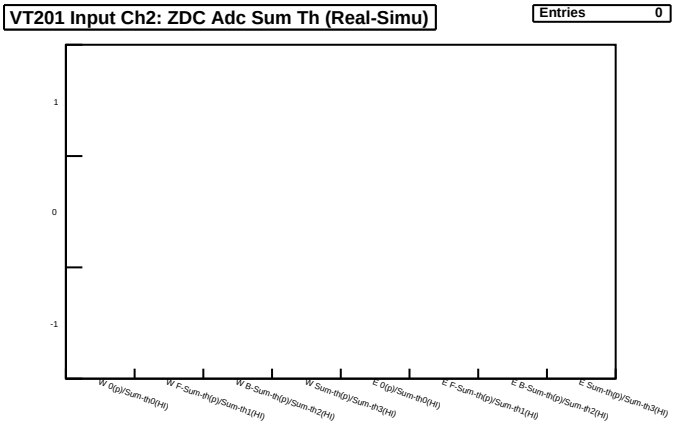

VT201 Input Ch1: EPD Hit Count Th
Entries 608136
299263
298534
4805
5534
East
West

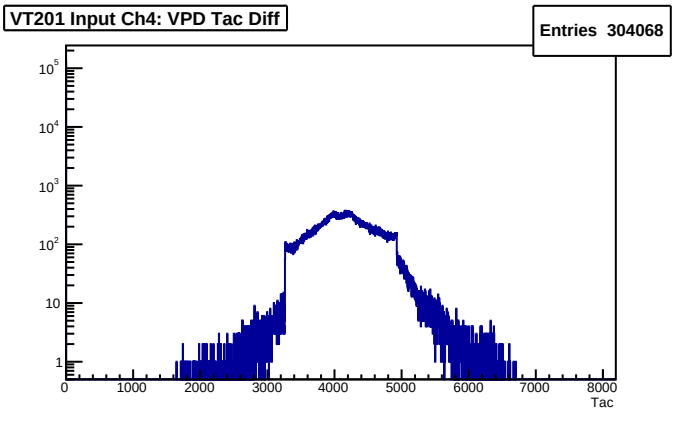

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

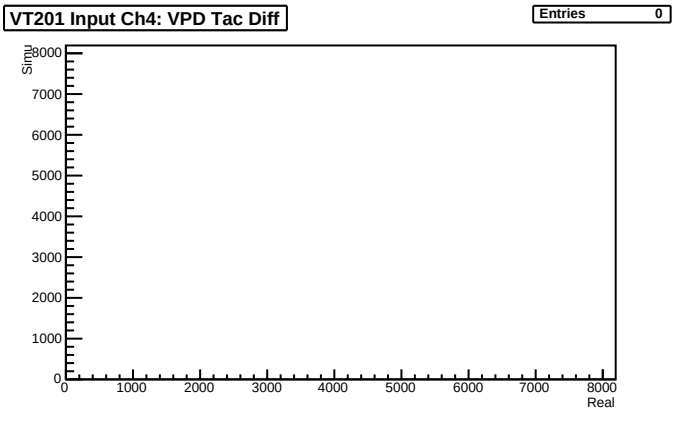

VT201 Input Ch2: ZDC Tac Diff
Entries 304068
Tac

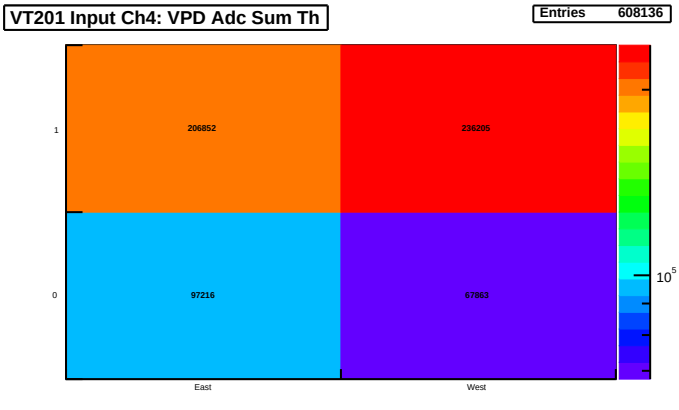

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

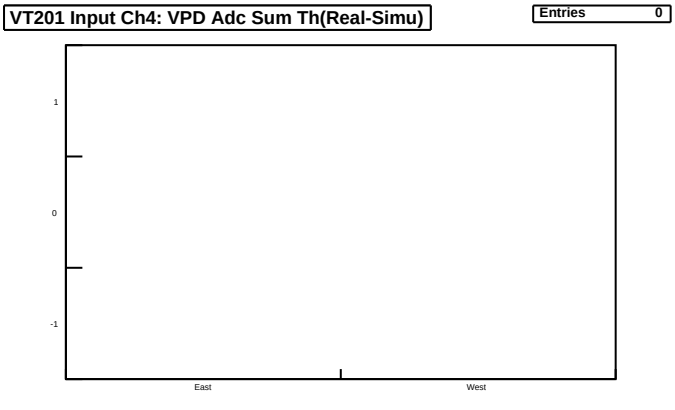

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2432544
9016
2269
10
7
8885
3570
60
50
295052
301799
304058
304061
295183
300498
304008
304018
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

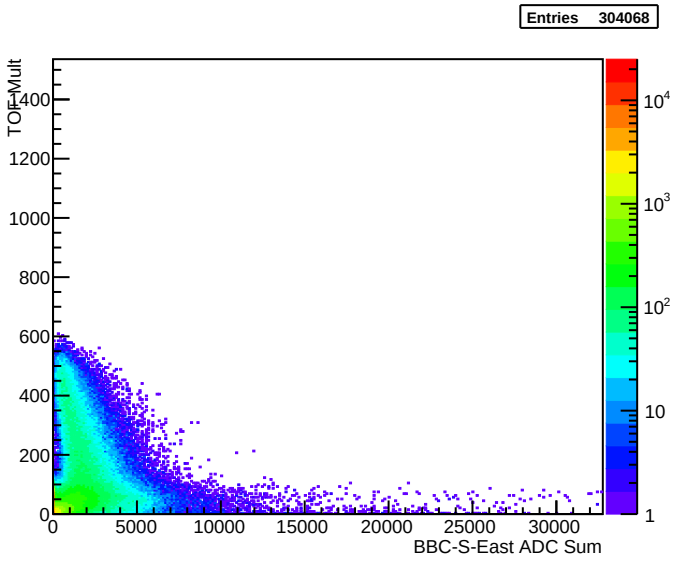

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

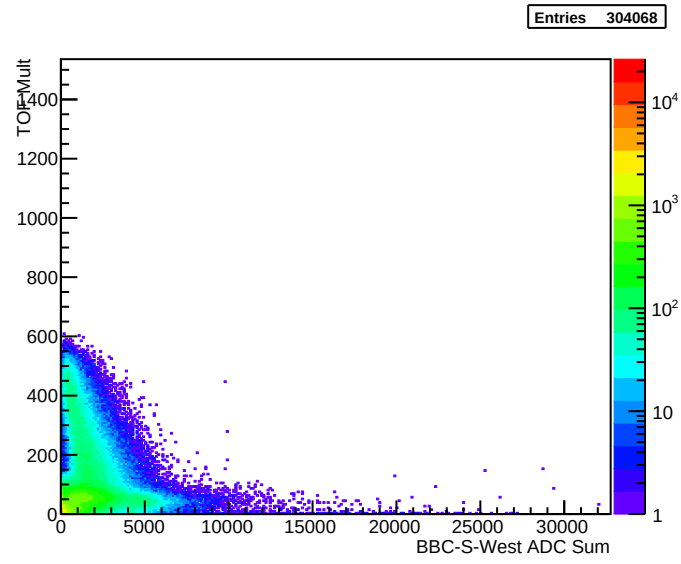

VT201 Input Ch4: VPD Tac Diff
Entries 304068
Tac

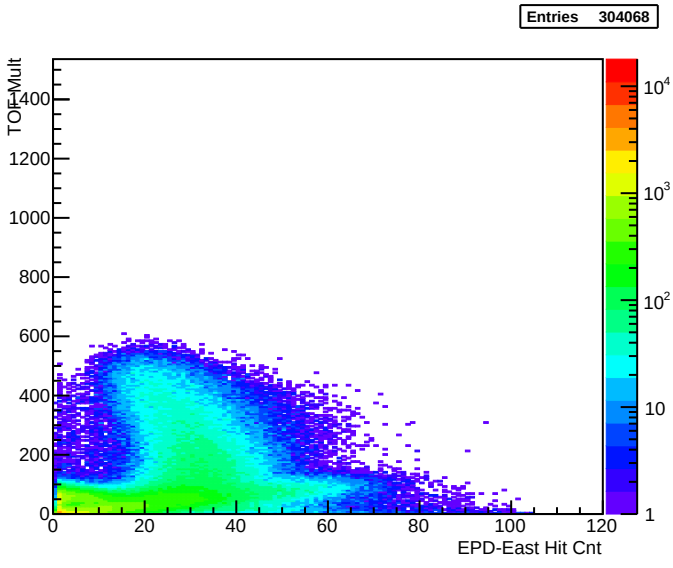

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

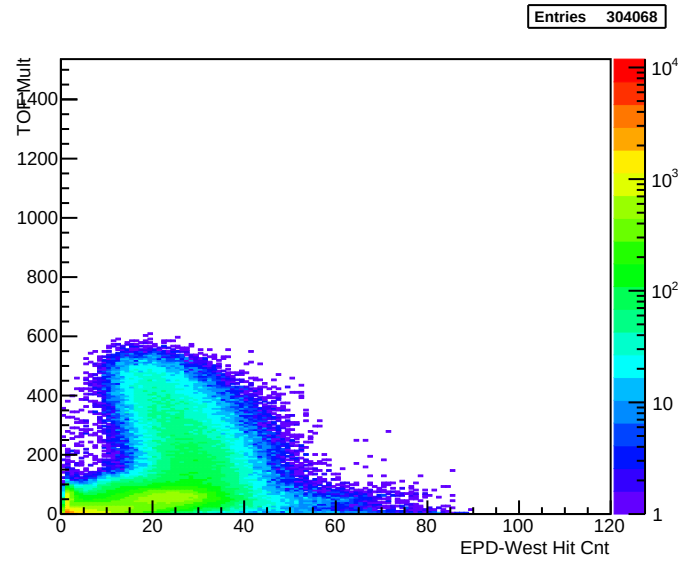

VT201 Input Ch4: VPD Adc Sum Th
Entries 608136
206852
230205
97216
67863
East
West

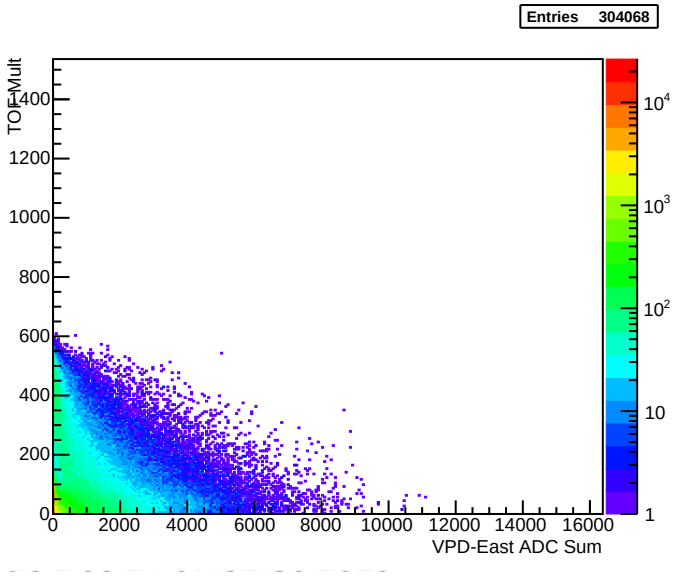

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

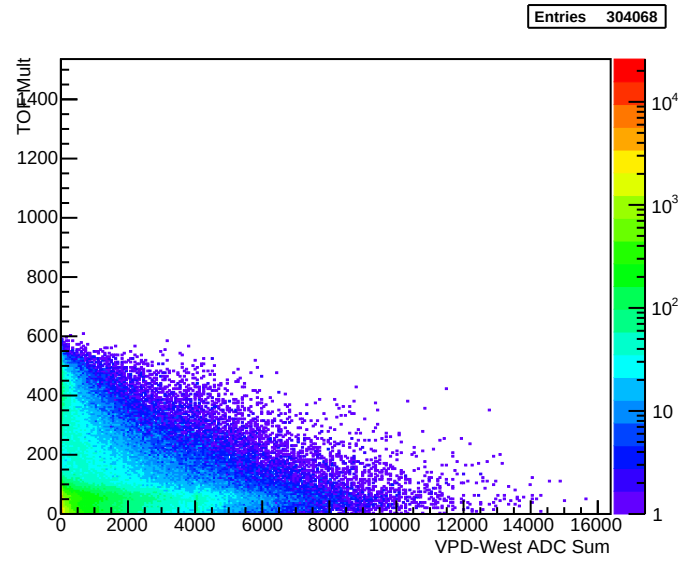

Entries 304068
TOF-Mult
BBC-S-East ADC Sum

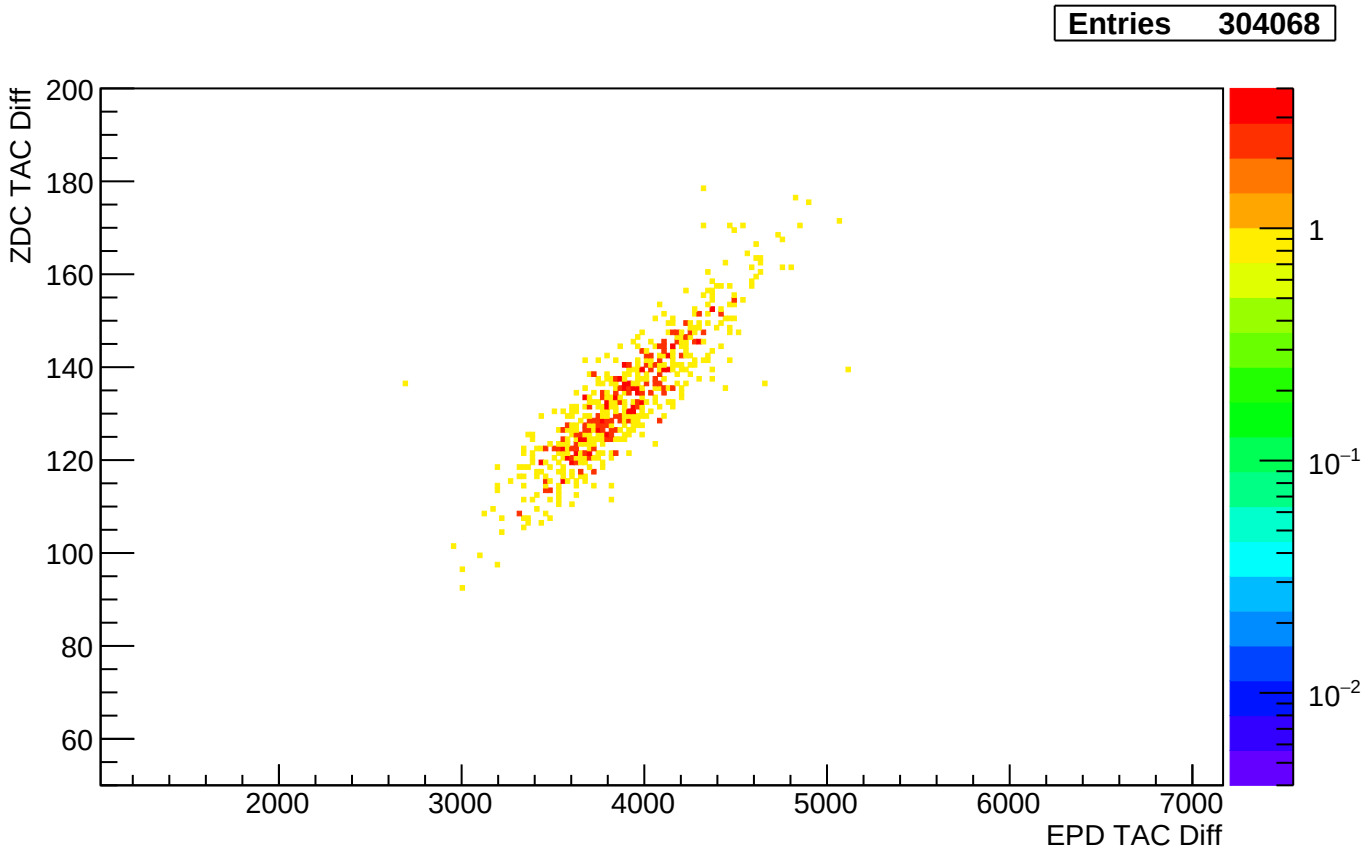

Entries 304068
TOF-Mult
BBC-S-West ADC Sum

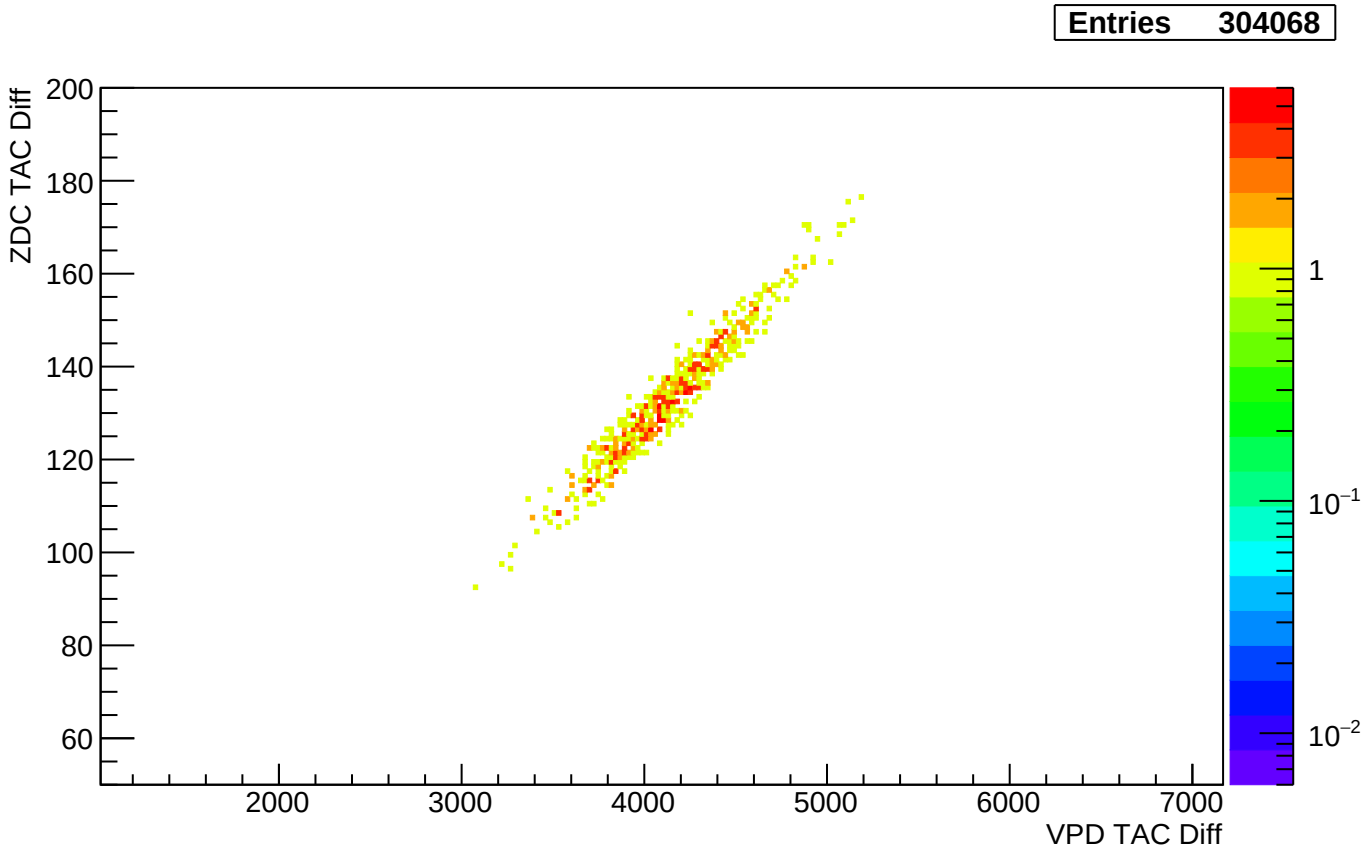

Entries 304068
TOF-Mult
EPD-East Hit Cnt

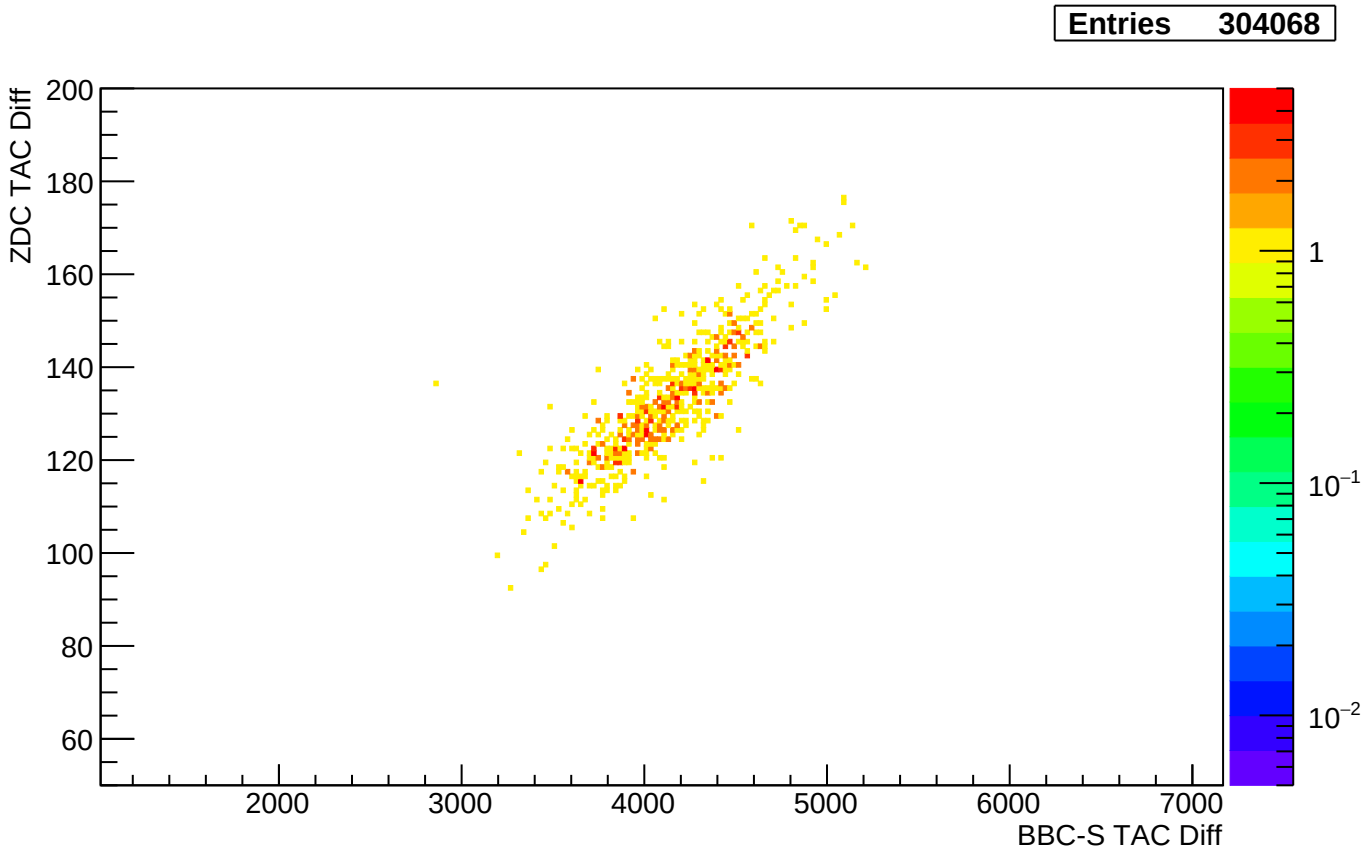

Entries 304068
TOF-Mult
EPD-West Hit Cnt

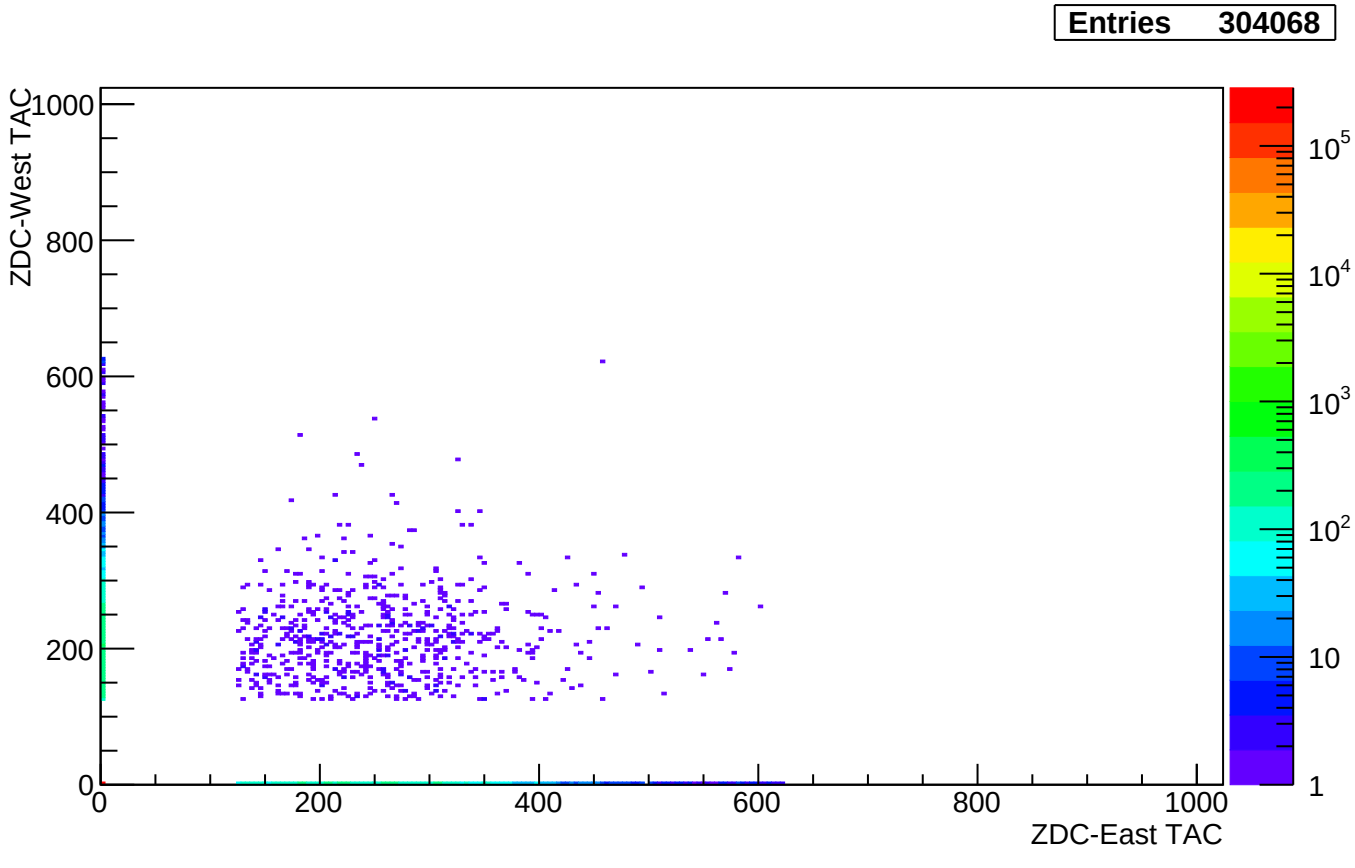

Entries 304068
TOF-Mult
VPD-East ADC Sum

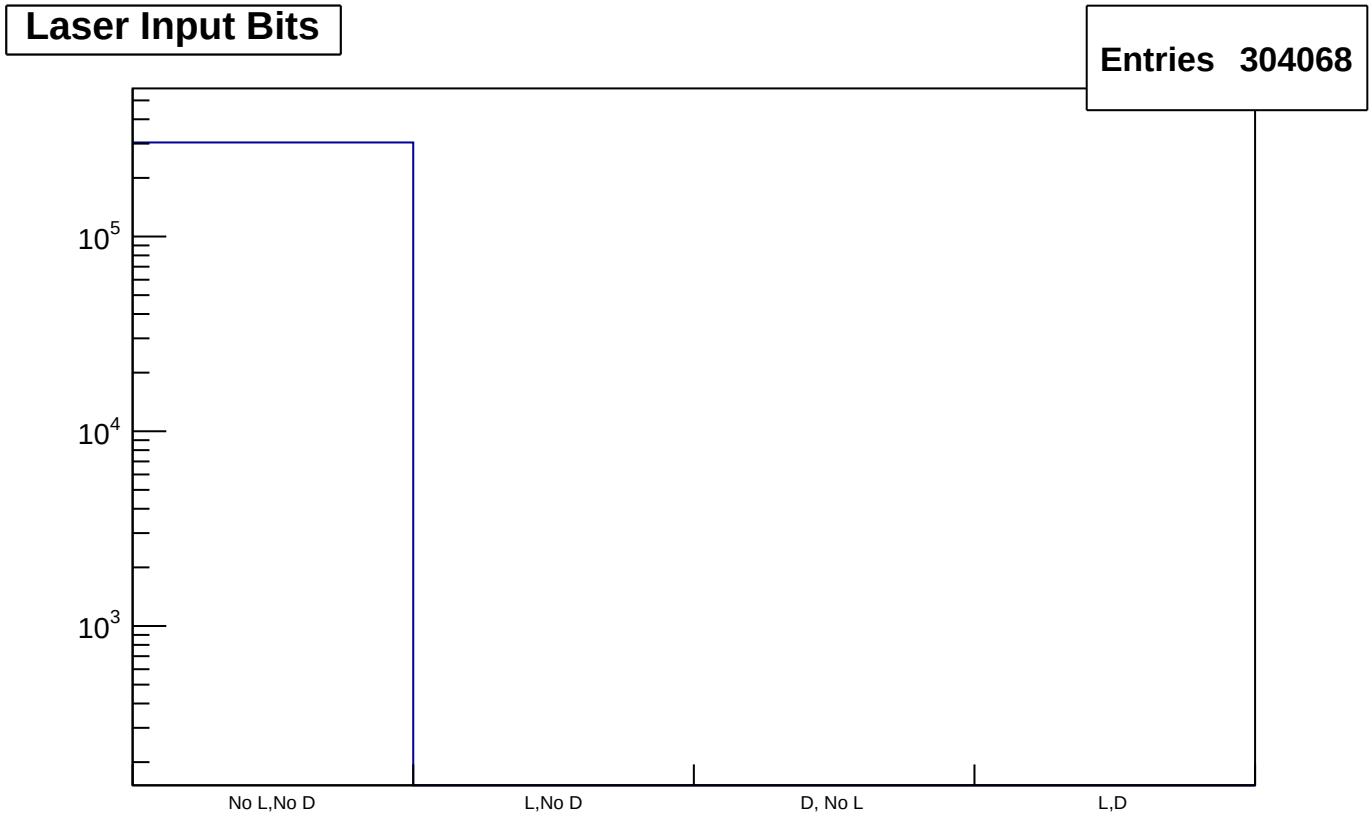

Entries 304068
TOF-Mult
VPD-West ADC Sum

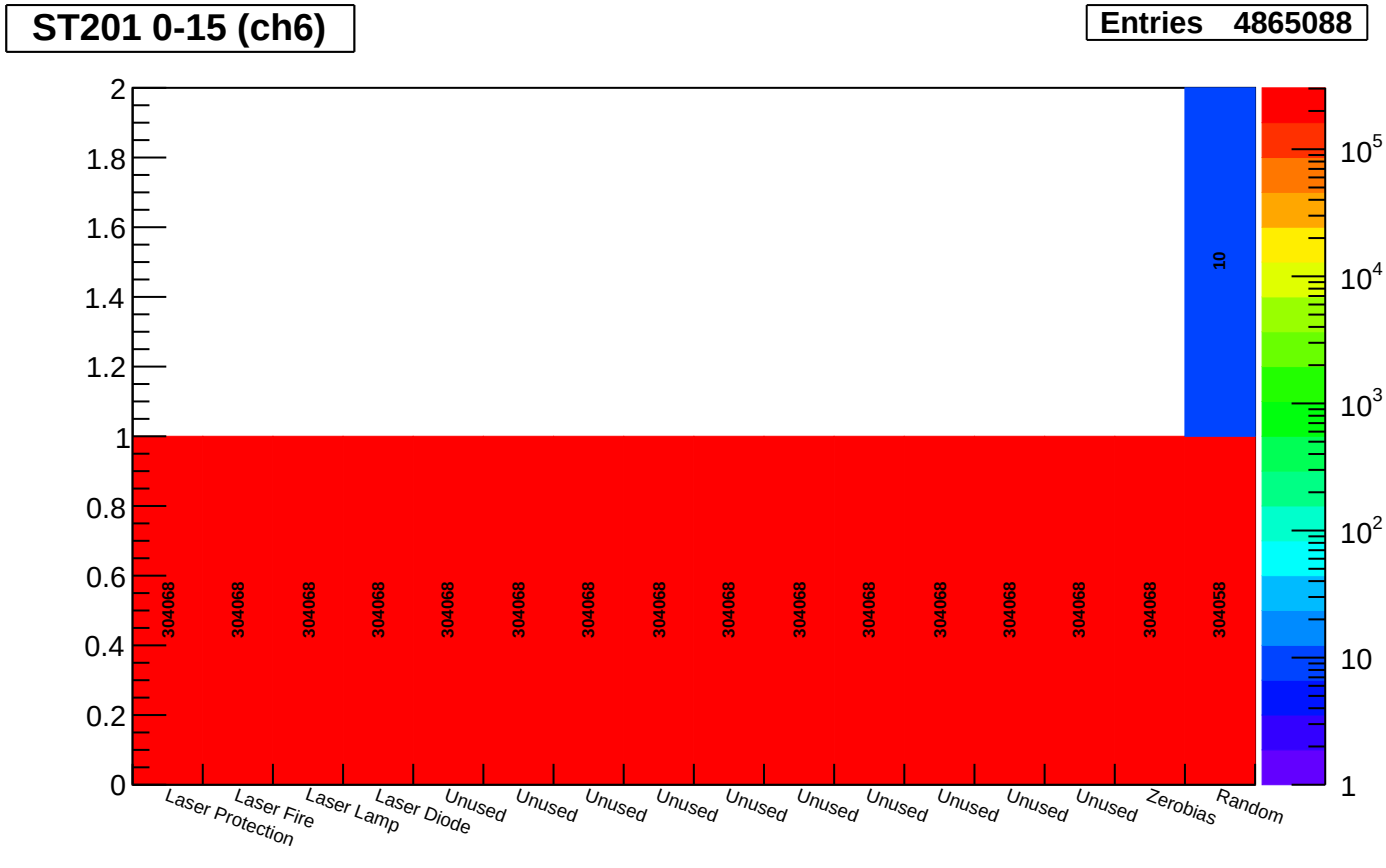

Entries 304068
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

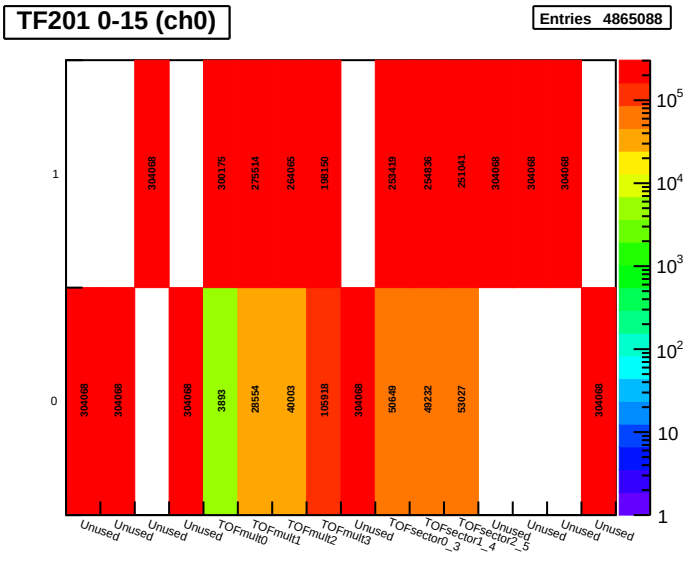

Entries 304068
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

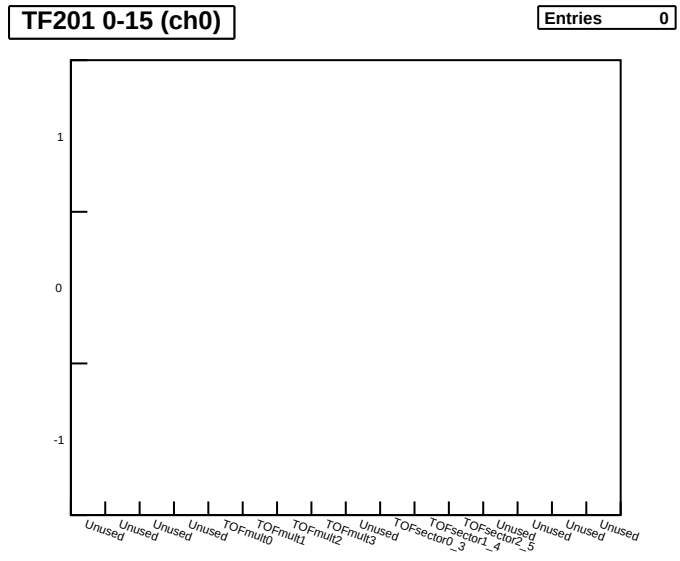

Entries 304068
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

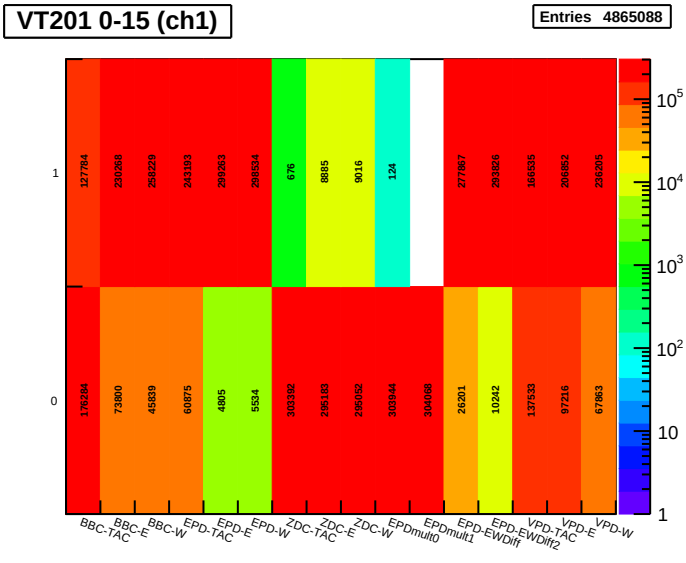

Entries 304068
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

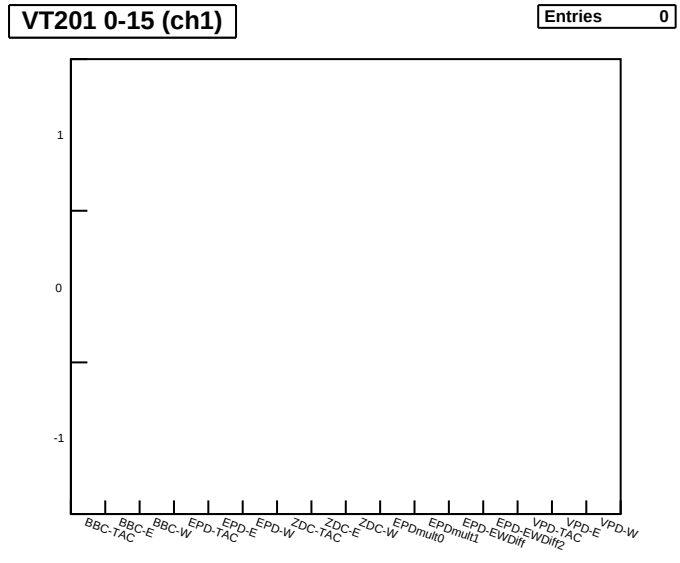

Laser Input Bits
Entries 304068
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

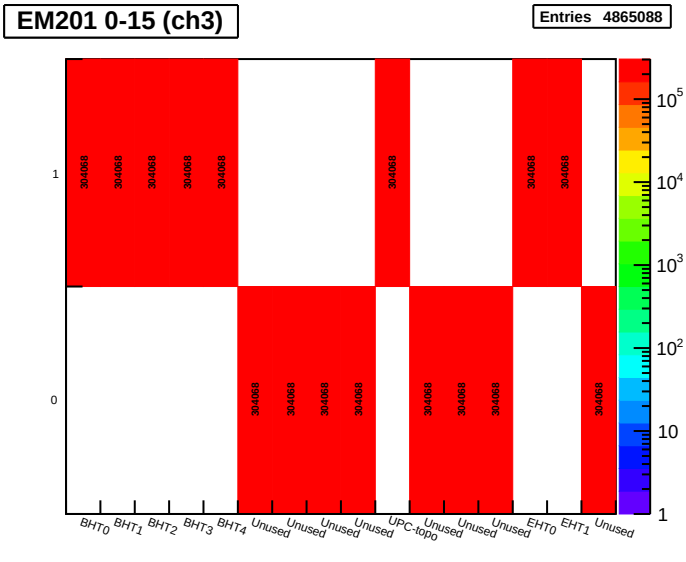

ST201 0-15 (ch6)
Entries 4865088
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
304068
304058
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

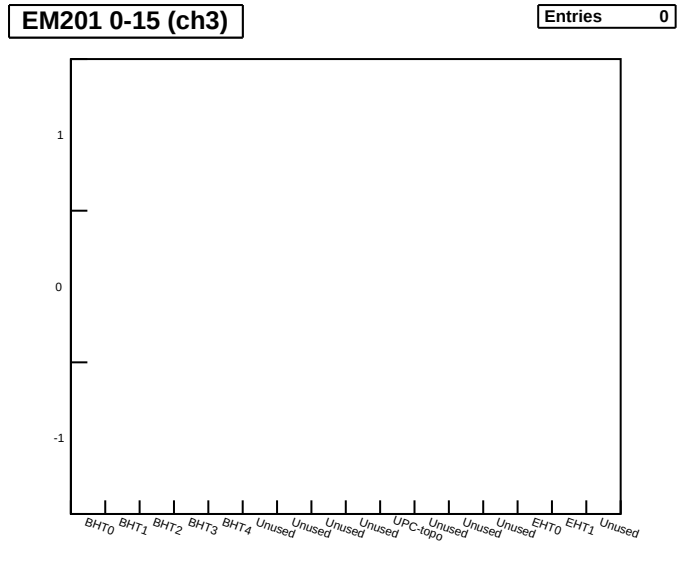

TF201 0-15 (ch0)
Entries 4865088
1
0
304068 300175 275514 264065 198150 253419 254836 251041 304068 304068 304068
304068 304068 304068 3893 28554 40003 105918 304068 50649 49232 53027 304068
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 4865088
1
0
127784 230258 258229 243193 290253 298534 676 8885 9016 124 277867 293826 165535 206852 236205
176284 73800 45839 60875 4805 5534 303392 295183 295052 303944 304068 26201 10242 137533 97216 67863
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 4865088
1
0
304068 304068 304068 304068 304068 304068 304068 304068
304068 304068 304068 304068 304068 304068 304068 304068
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