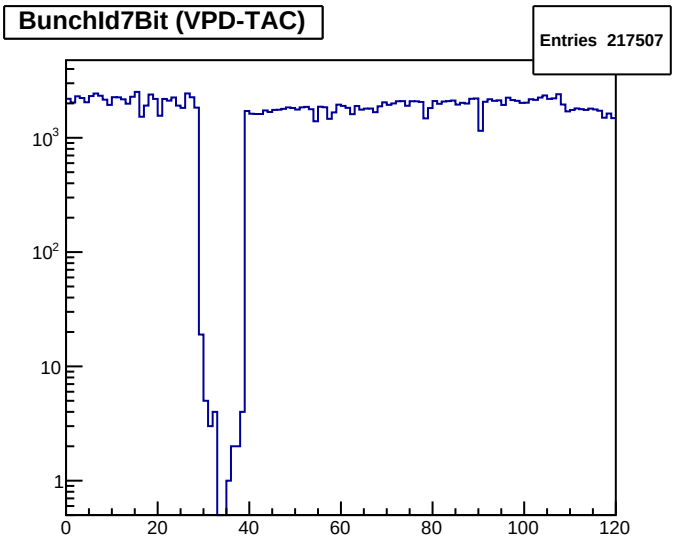
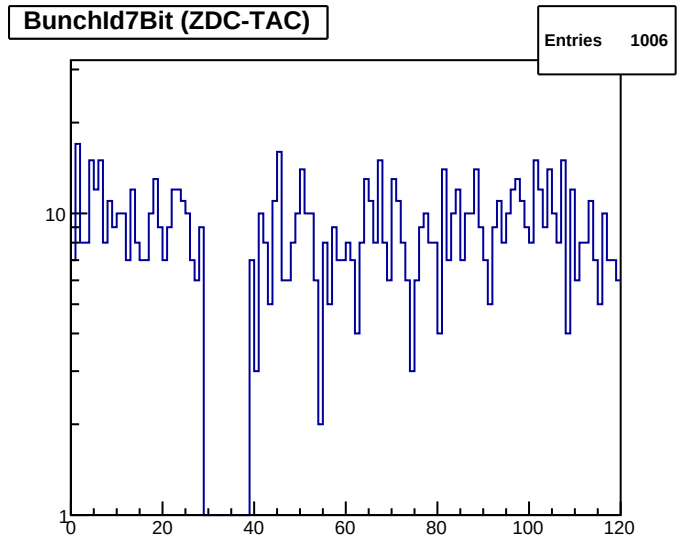
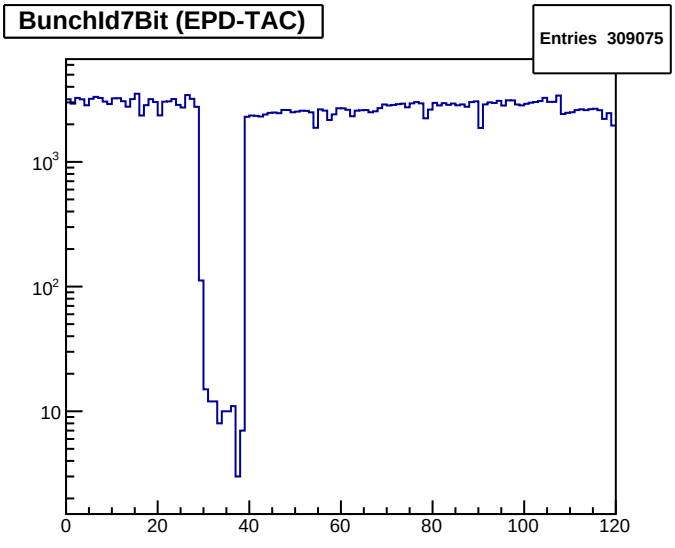
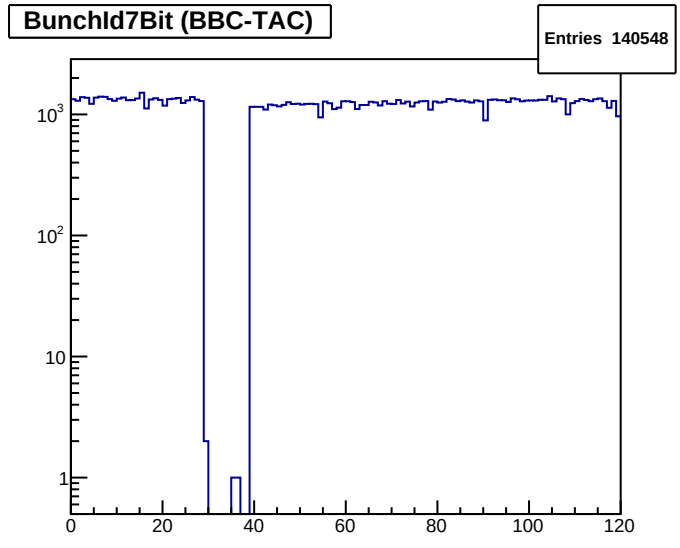
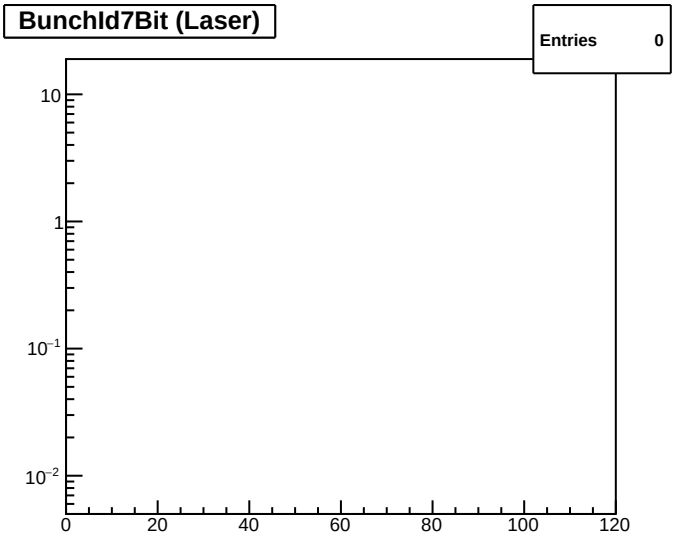
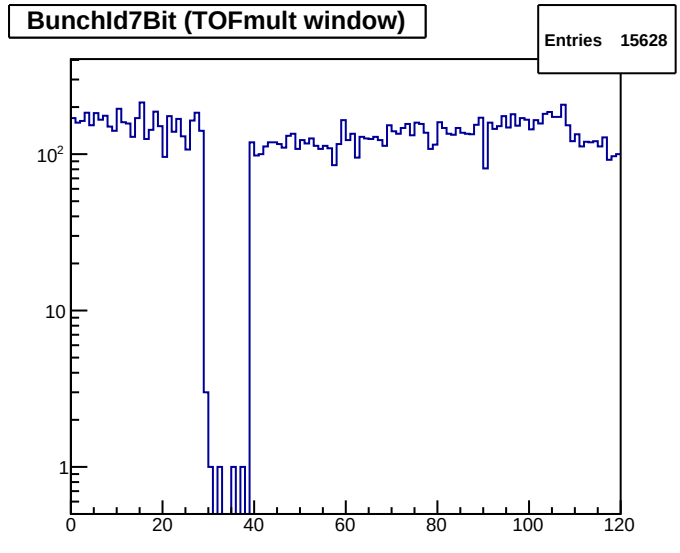

BunchId7Bit (VPD-TAC)
Entries 217507

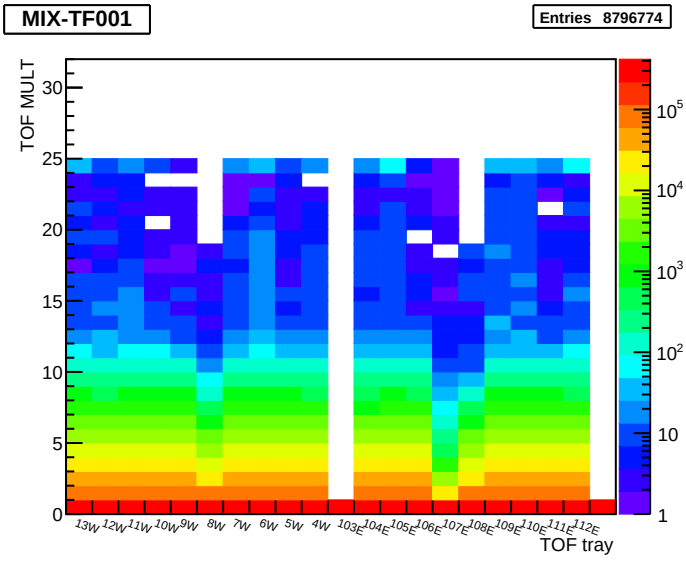

BunchId7Bit (ZDC-TAC)
Entries 1006

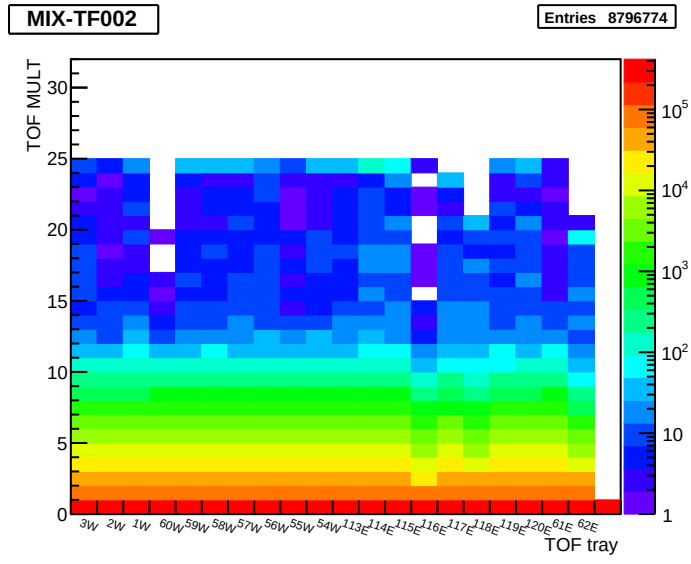

BunchId7Bit (EPD-TAC)
Entries 309075

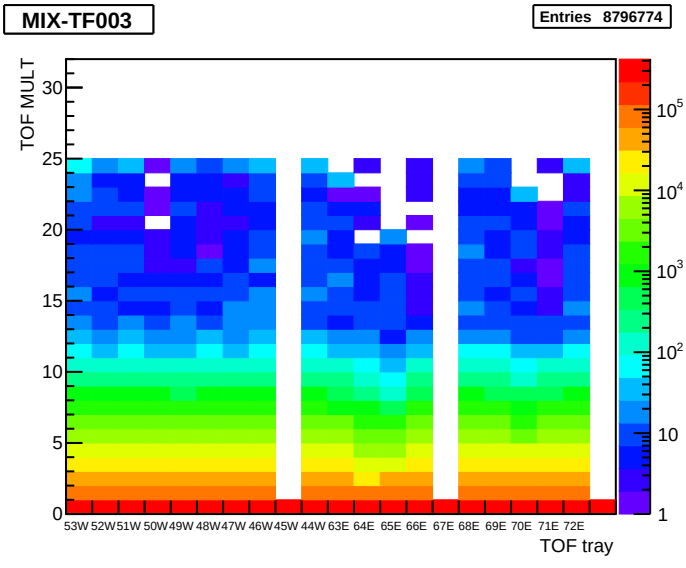

BunchId7Bit (BBC-TAC)
Entries 140548

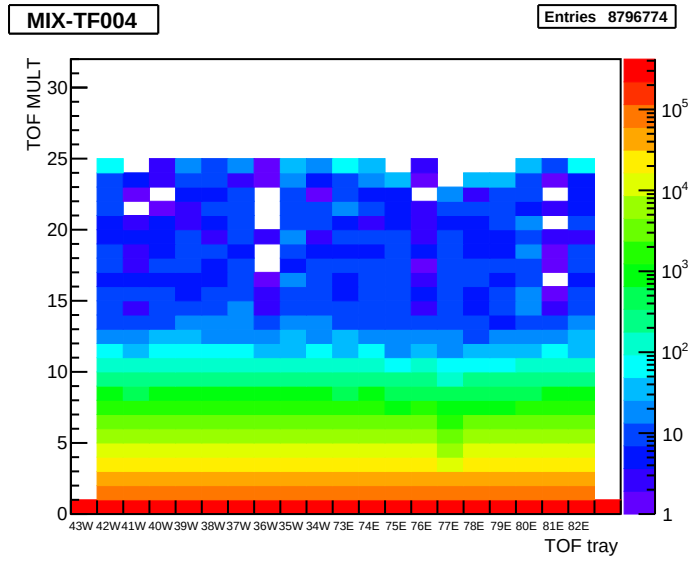

BunchId7Bit (Laser)
Entries 0

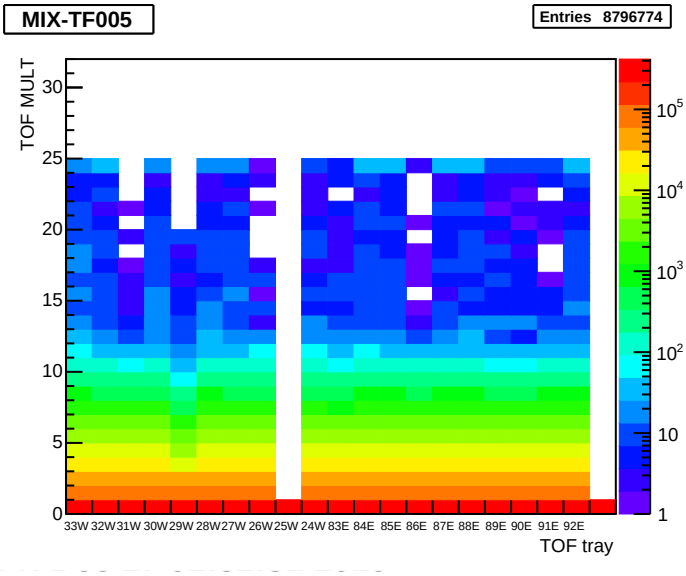

BunchId7Bit (TOFmult window)
Entries 15628

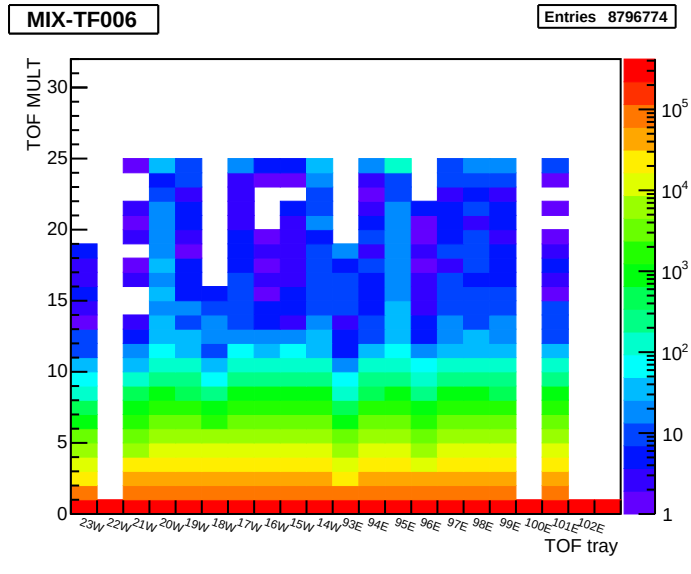

MIX-TF001
Entries 8796774
TOF MULT
TOF tray

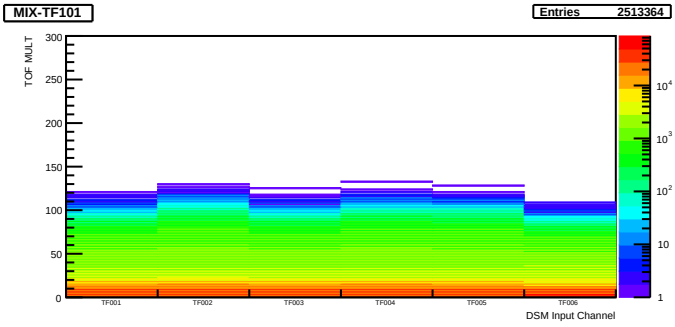

MIX-TF002
Entries 8796774
TOF MULT
TOF tray

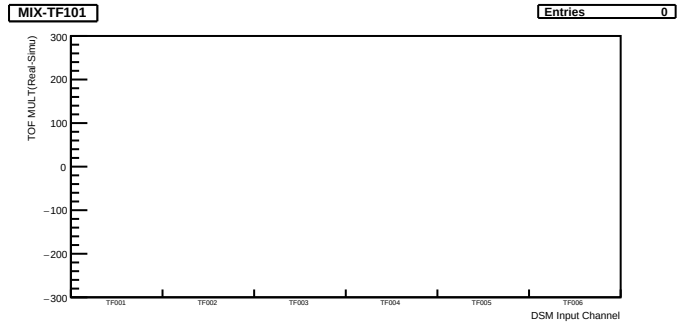

MIX-TF003
Entries 8796774
TOF MULT
TOF tray

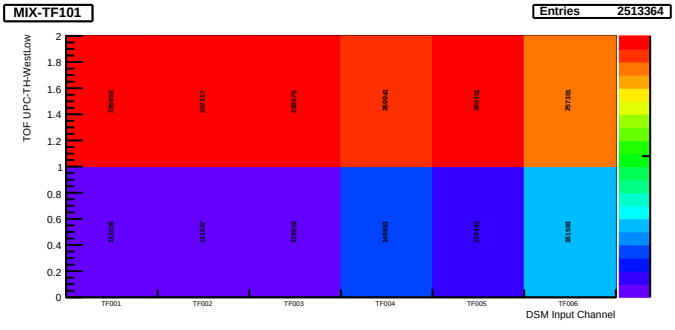

MIX-TF004
Entries 8796774
TOF MULT
TOF tray

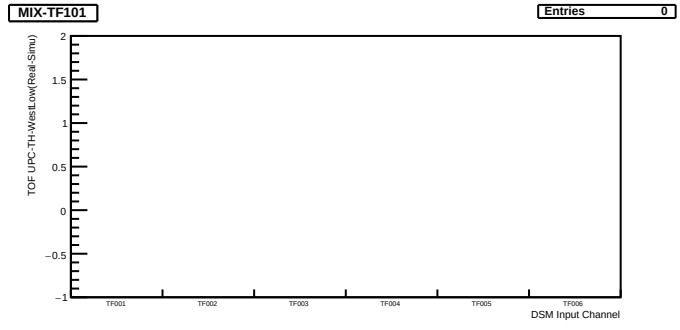

MIX-TF005
Entries 8796774
TOF MULT
TOF tray

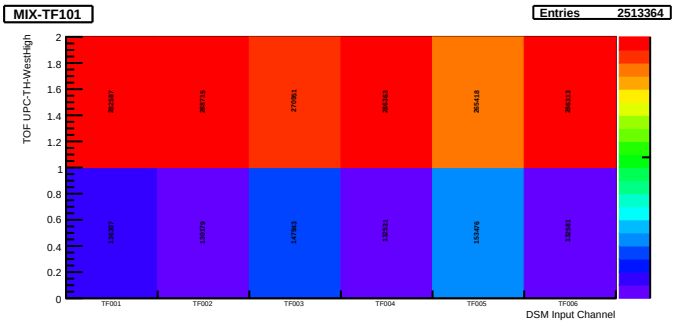

MIX-TF006
Entries 8796774
TOF MULT
TOF tray

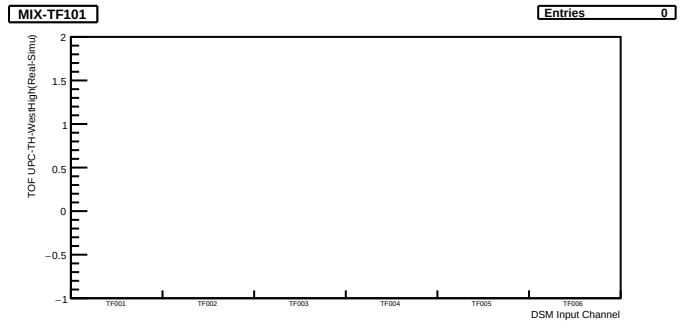

MIX-TF101
Entries 2513364
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

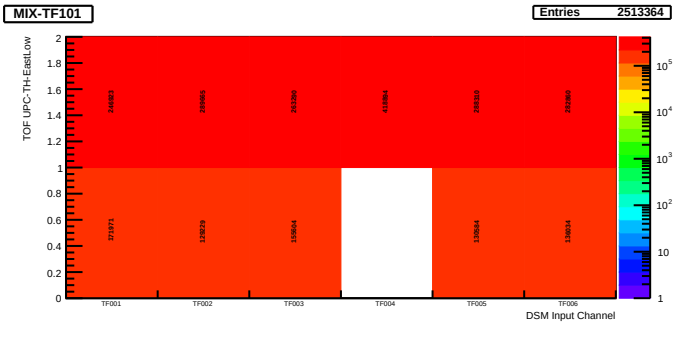

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

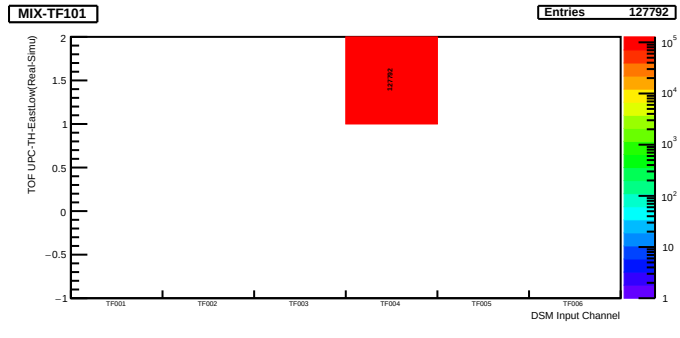

MIX-TF101
Entries 2513364
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

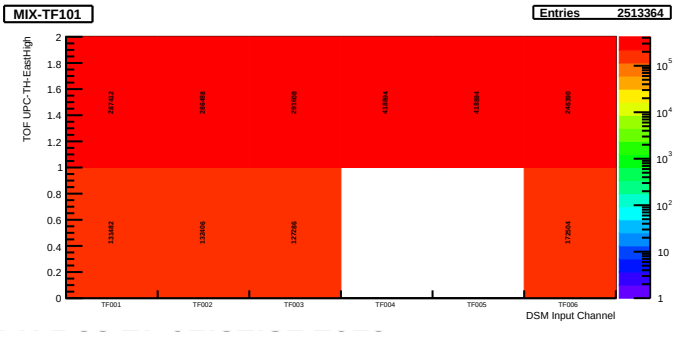

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

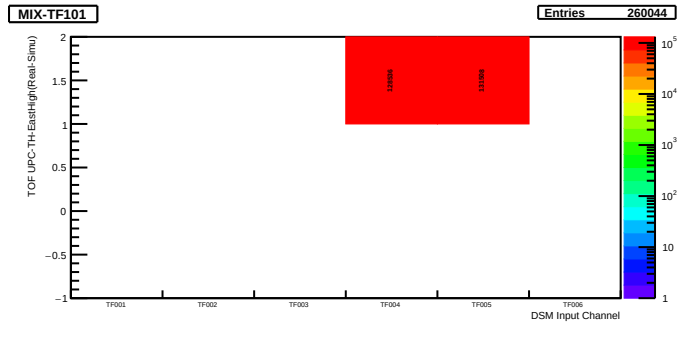

MIX-TF101
Entries 2513364
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

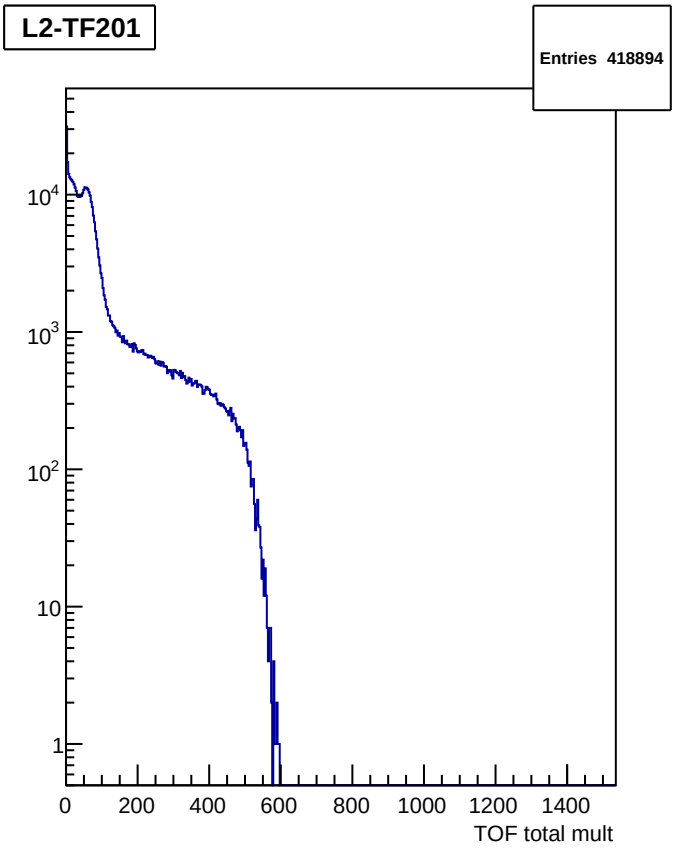

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

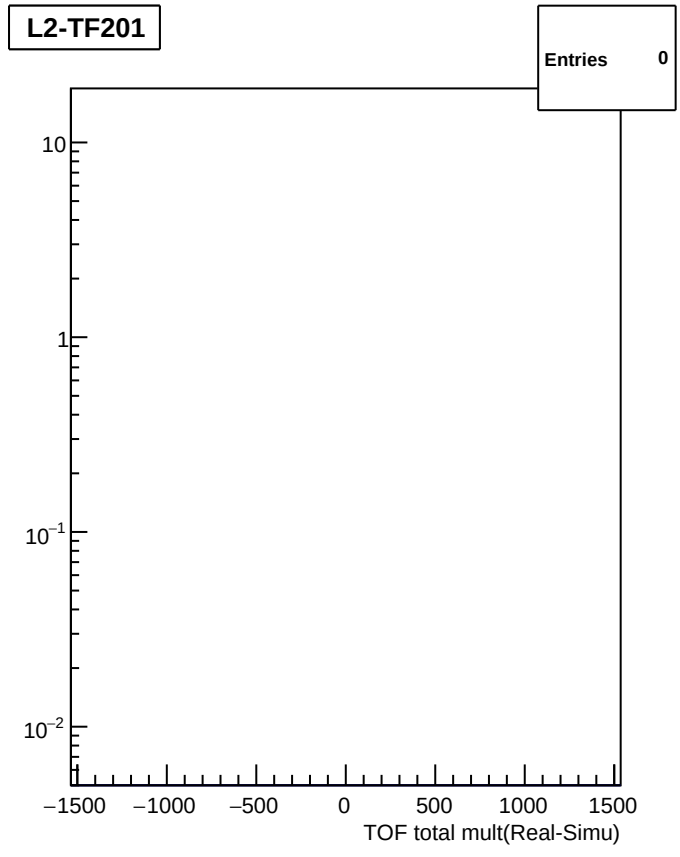

MIX-TF101
Entries 2513364
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

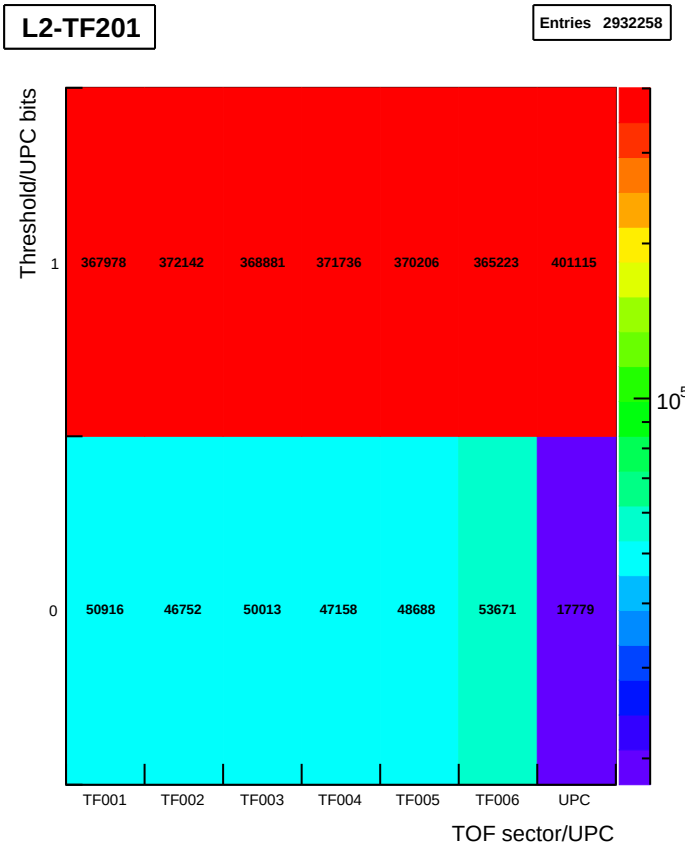

MIX-TF101
Entries 127792
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

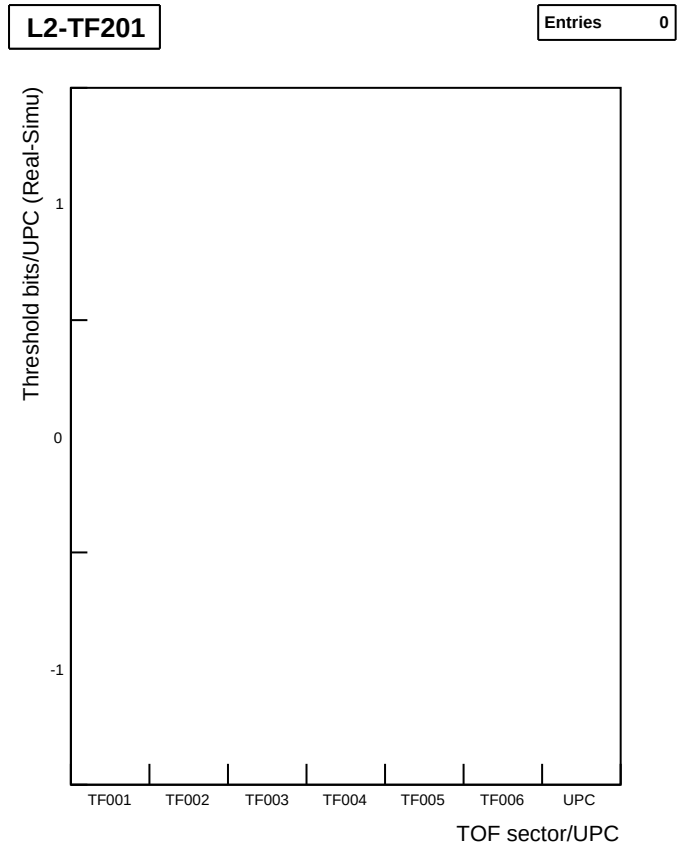

MIX-TF101
Entries 2513364
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

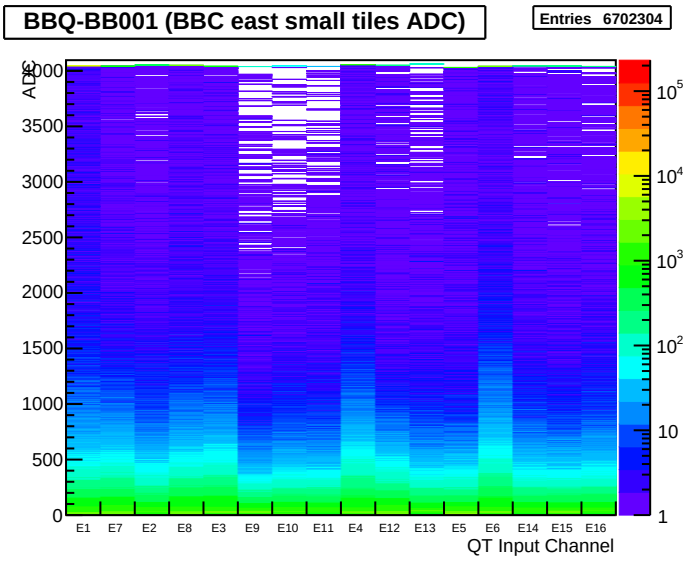

MIX-TF101
Entries 260044
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

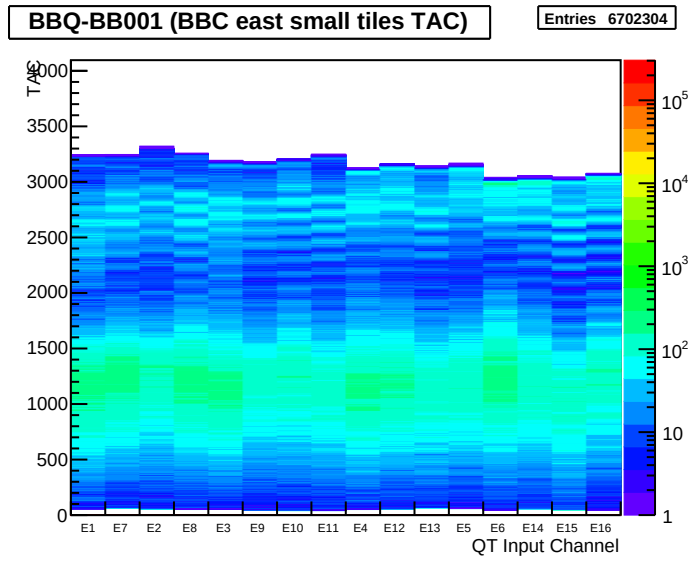

L2-TF201
Entries 418894
TOF total mult

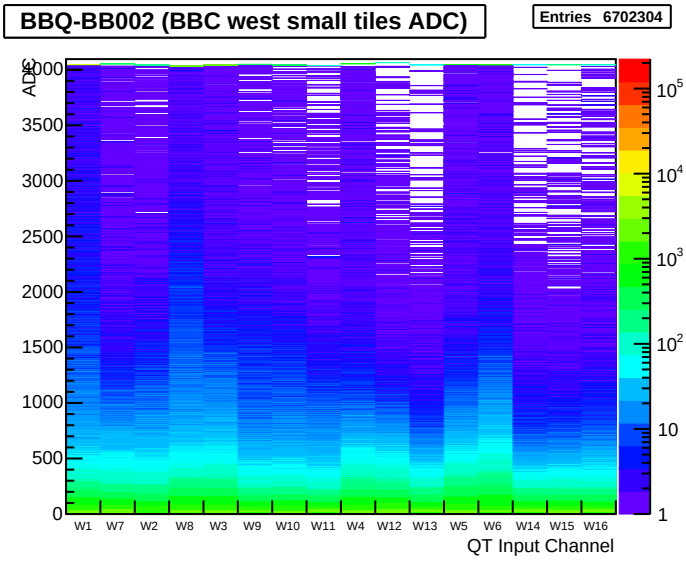

L2-TF201
Entries 0
TOF total mult(Real-Simu)

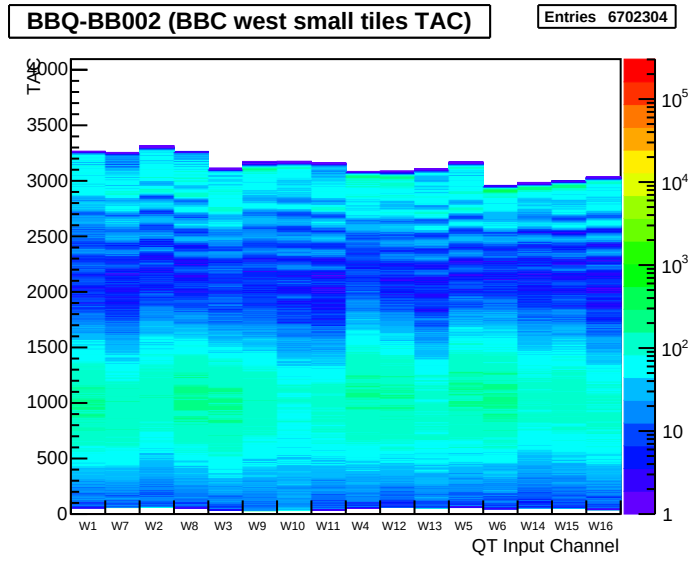

L2-TF201
Entries 2932258
Threshold/UPC bits
367978
372142
368881
371736
370206
365223
401115
50916
46752
50013
47158
48688
53671
17779
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

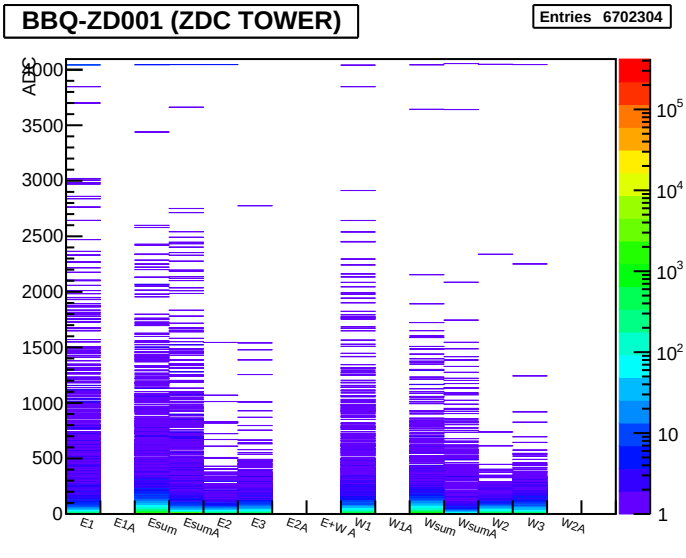

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

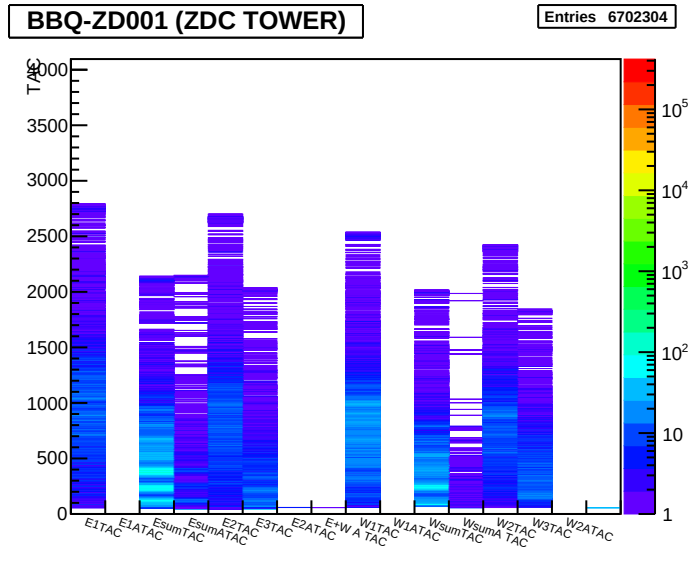

BBQ-BB001 (BBC east small tiles ADC)
Entries 6702304
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

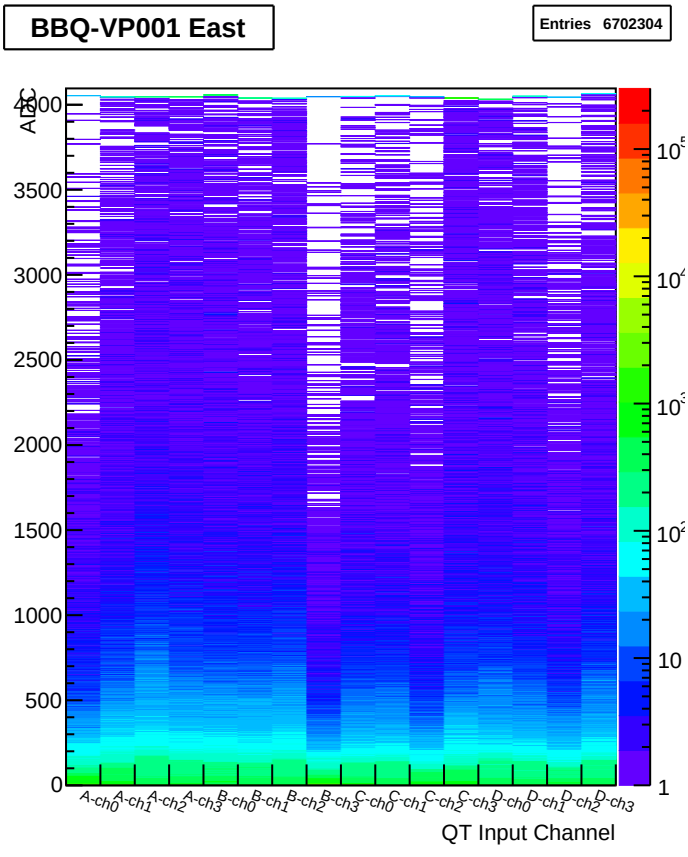

BBQ-BB001 (BBC east small tiles TAC)
Entries 6702304
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

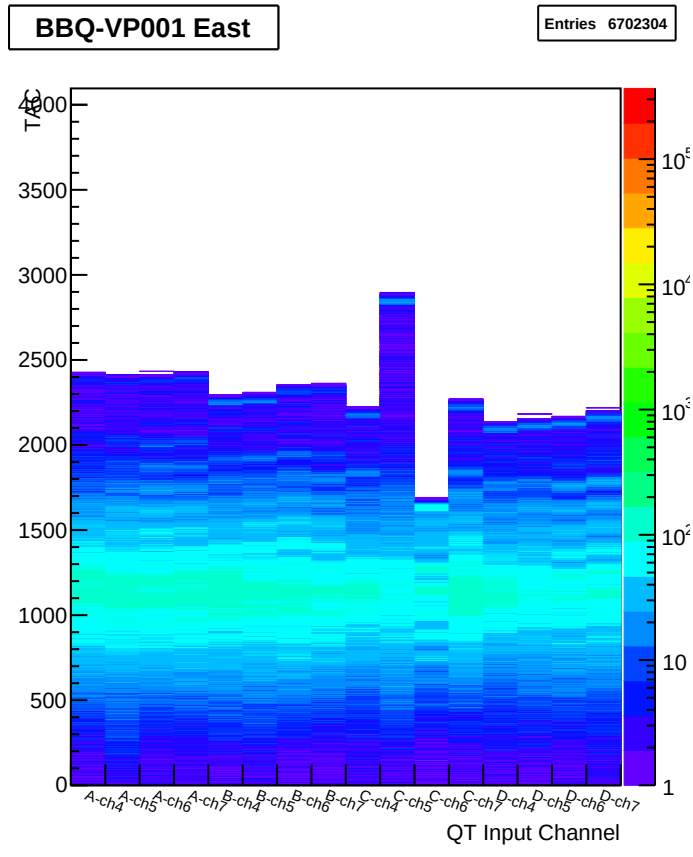

BBQ-BB002 (BBC west small tiles ADC)
Entries 6702304
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

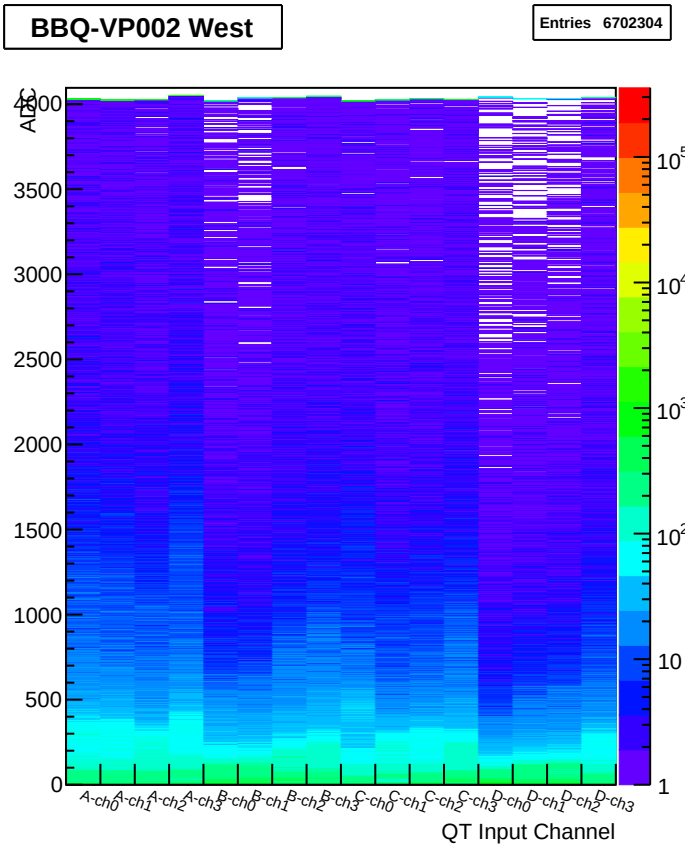

BBQ-BB002 (BBC west small tiles TAC)
Entries 6702304
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

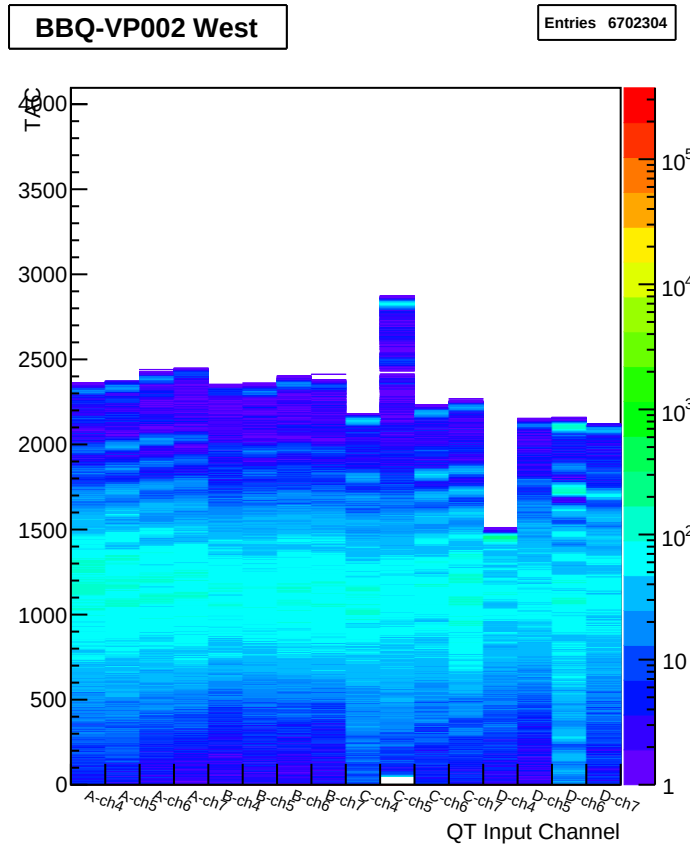

BBQ-ZD001 (ZDC TOWER)
Entries 6702304
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

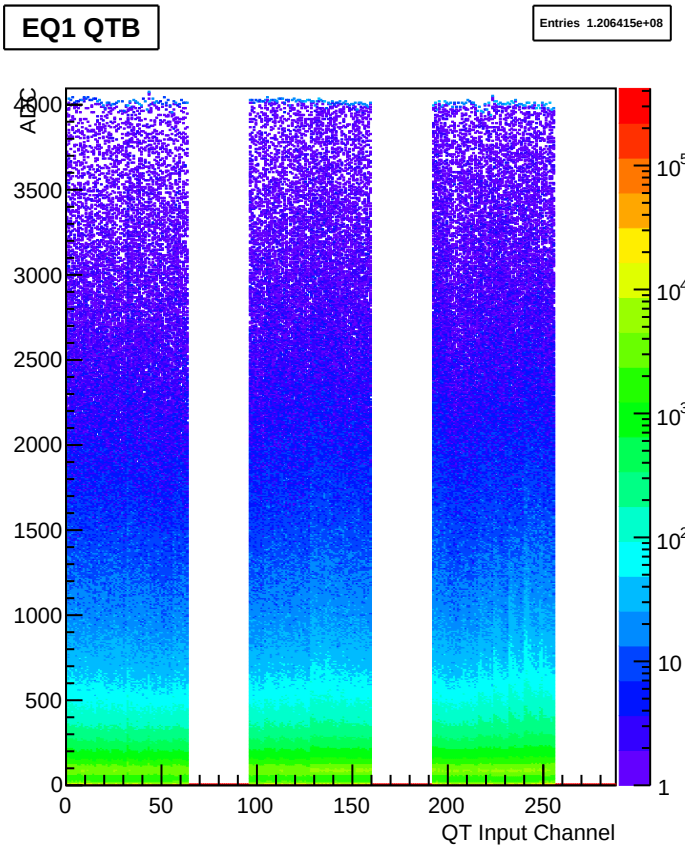

BBQ-ZD001 (ZDC TOWER)
Entries 6702304
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

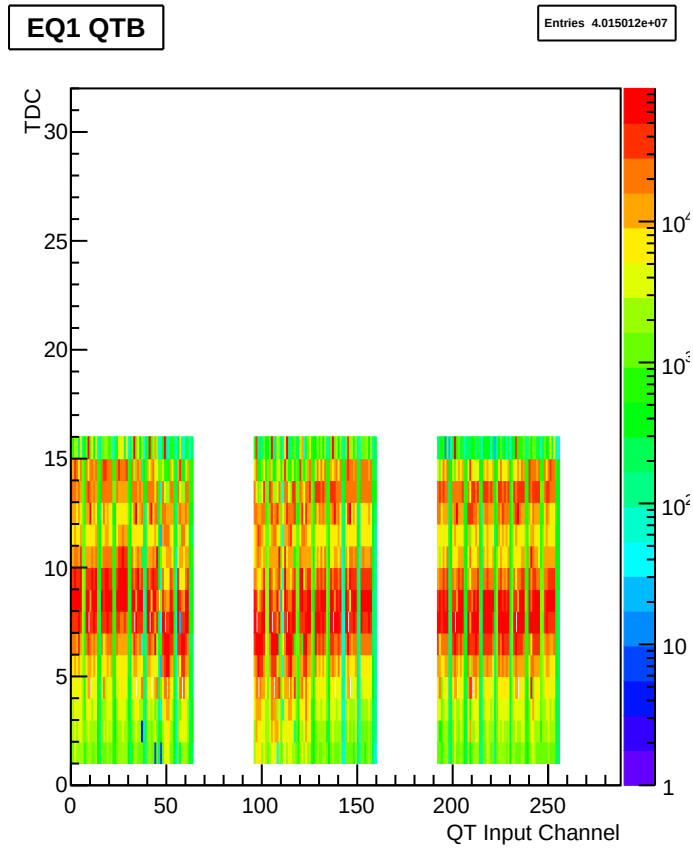

BBQ-VP001 East
Entries 6702304
ADC
QT Input Channel

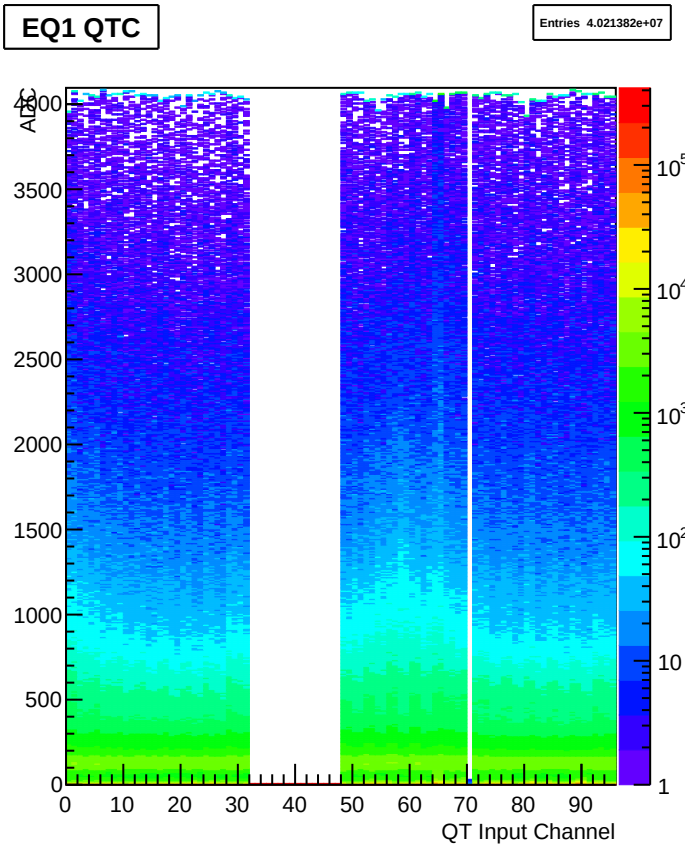

BBQ-VP001 East
Entries 6702304
TADC
QT Input Channel

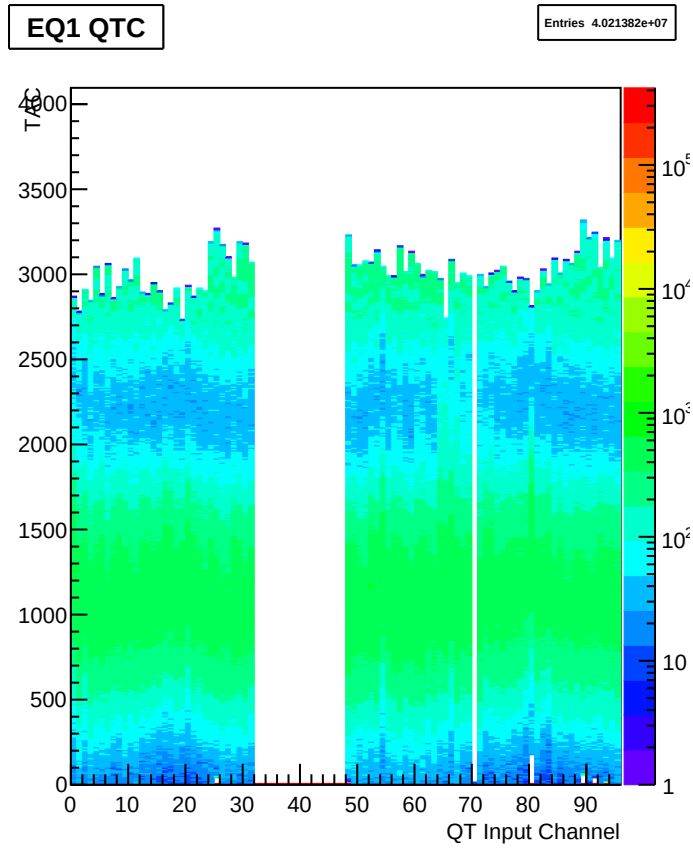

BBQ-VP002 West
Entries 6702304
ADC
QT Input Channel

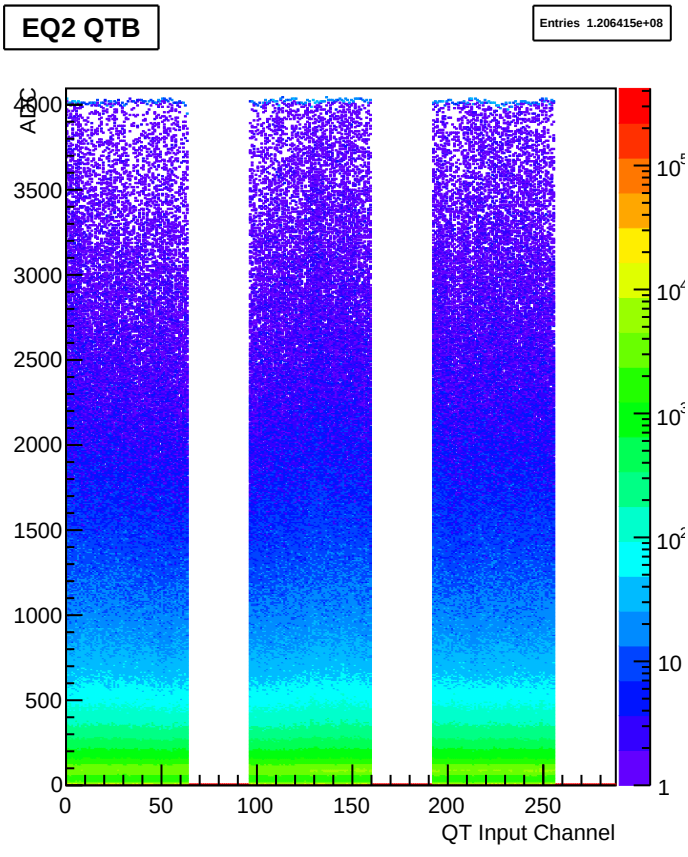

BBQ-VP002 West
Entries 6702304
TADC
QT Input Channel

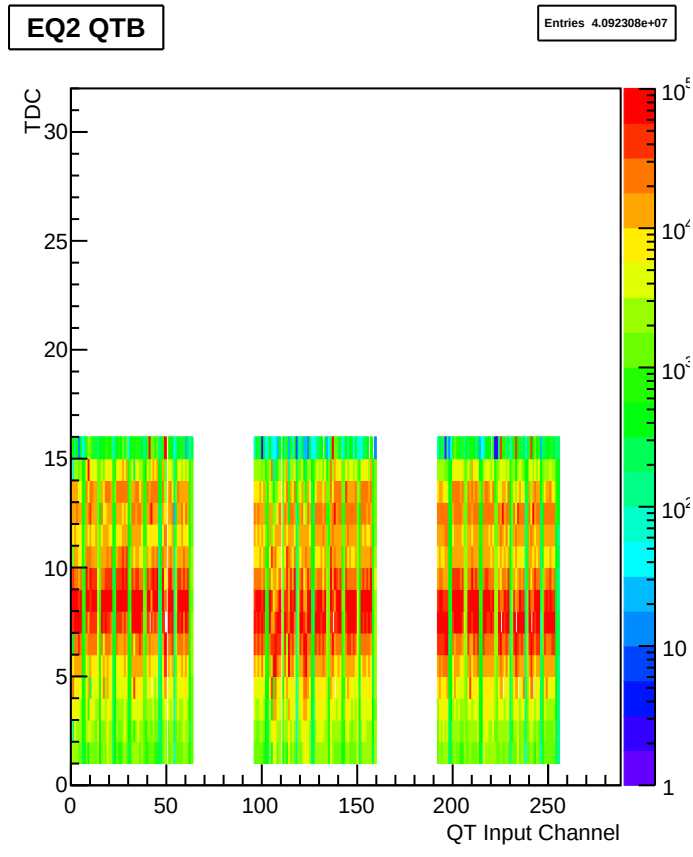

EQ1 QTB
Entries 1.206415e+08
ADC
QT Input Channel

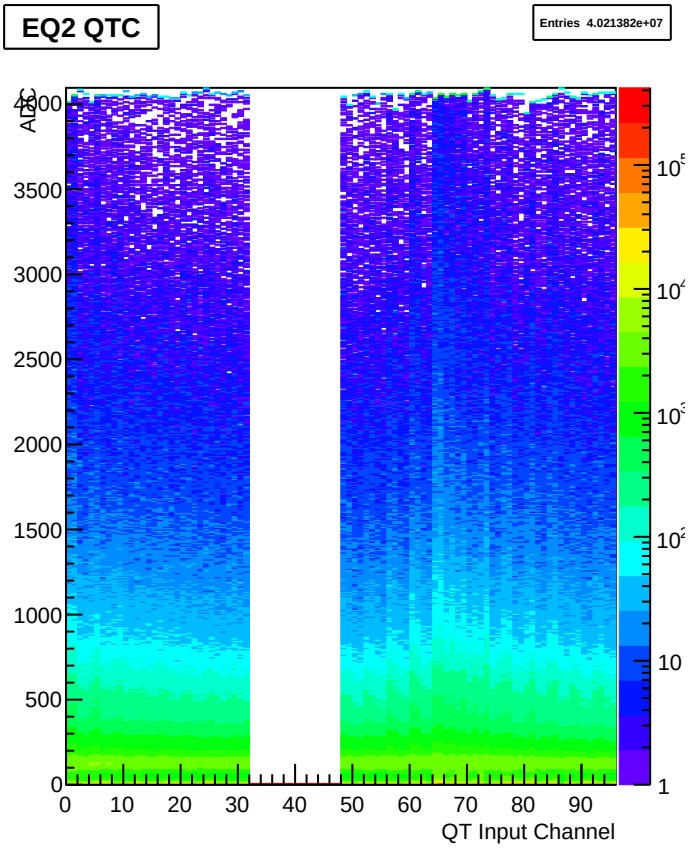

EQ1 QTB
Entries 4.015012e+07
TDC
QT Input Channel

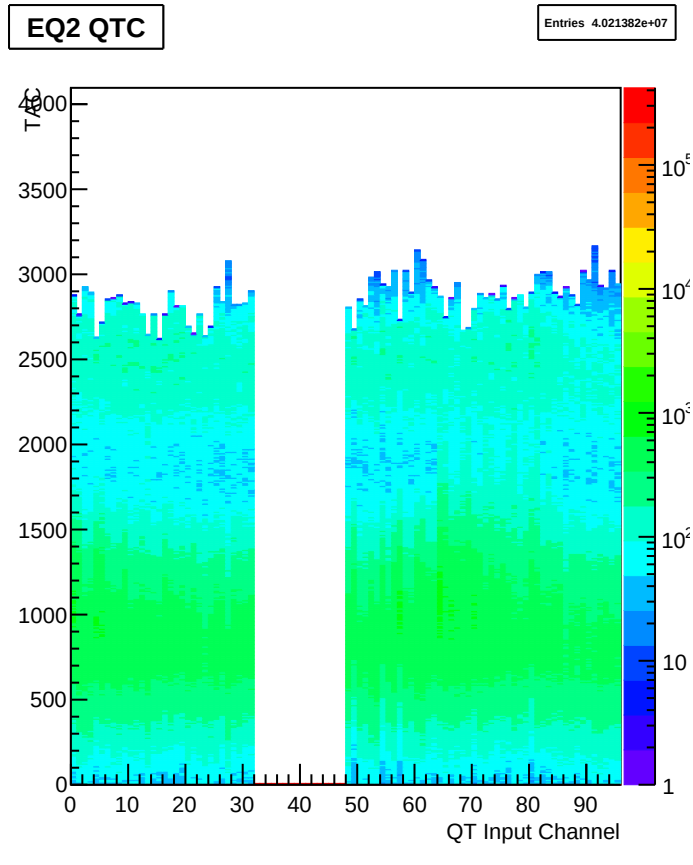

EQ1 QTC
Entries 4.021382e+07
ADC
QT Input Channel

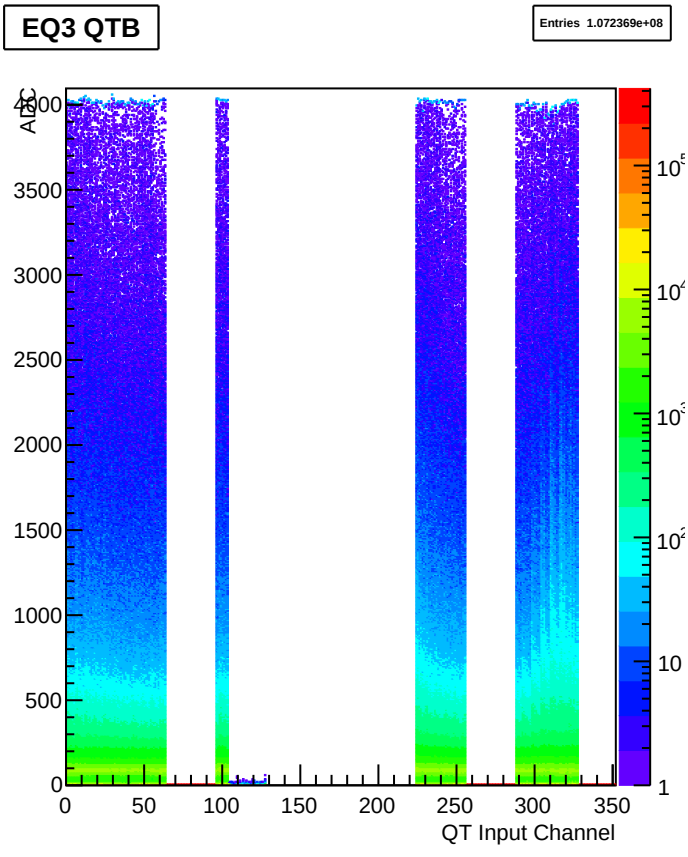

EQ1 QTC
Entries 4.021382e+07
TADC
QT Input Channel

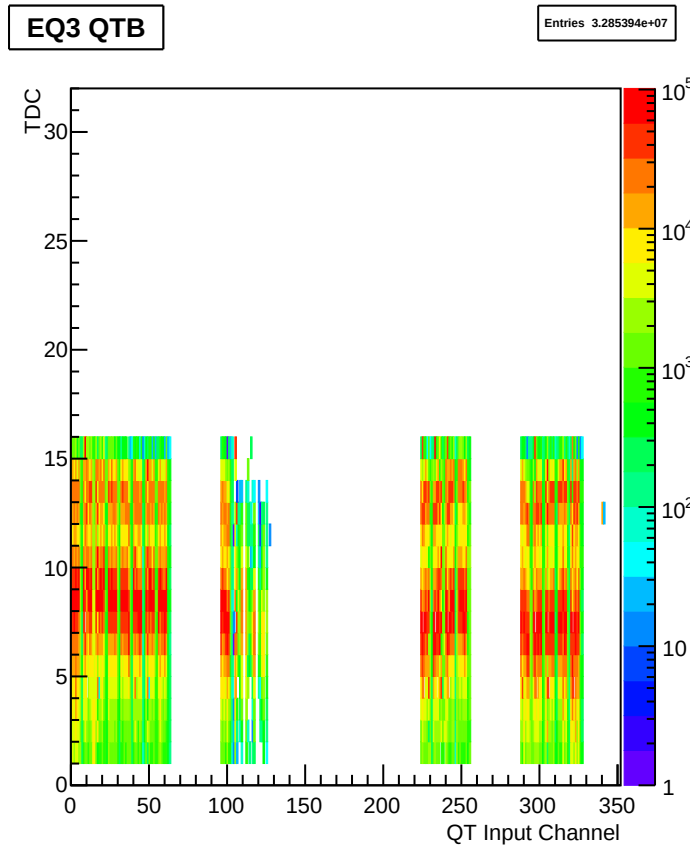

EQ2 QTB
Entries 1.206415e+08
ADC
QT Input Channel

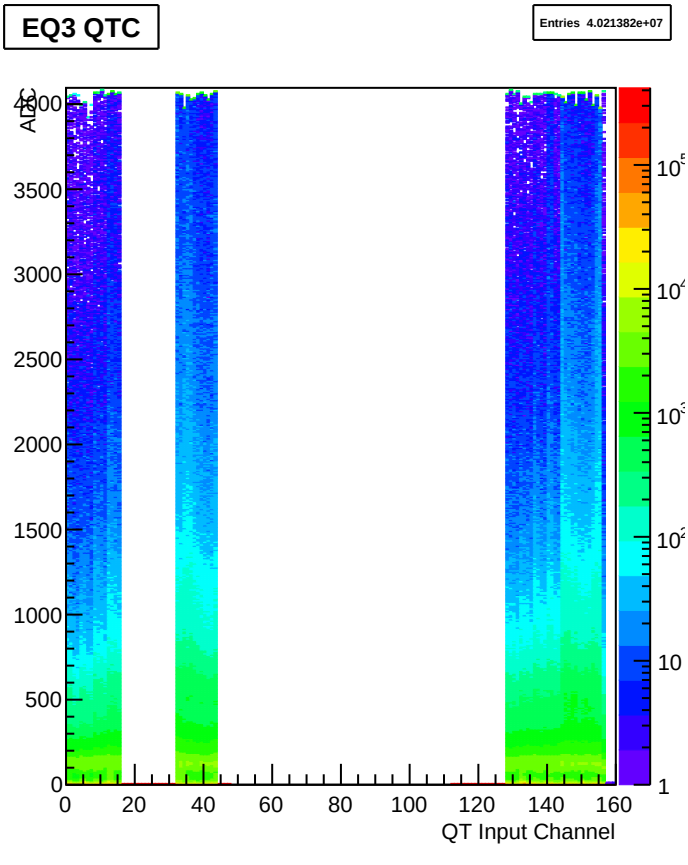

EQ2 QTB
Entries 4.092308e+07
TDC
QT Input Channel

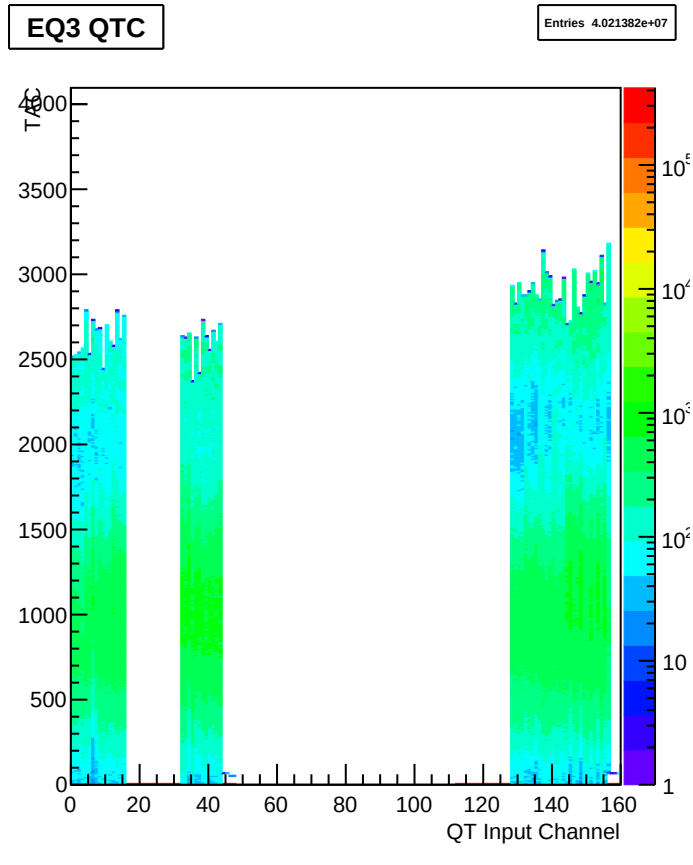

EQ2 QTC
Entries 4.021382e+07
ADC
QT Input Channel

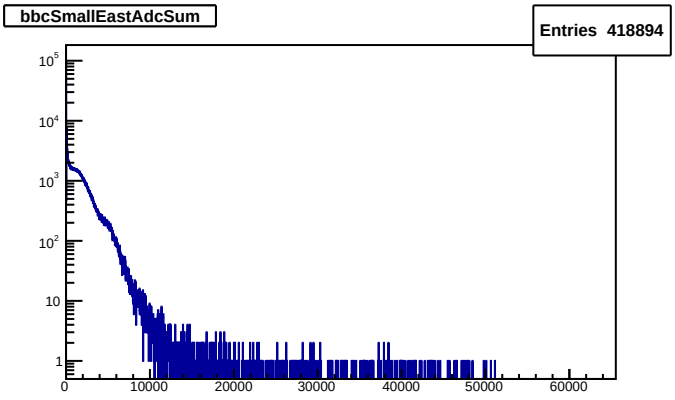

EQ2 QTC
Entries 4.021382e+07
TADC
QT Input Channel

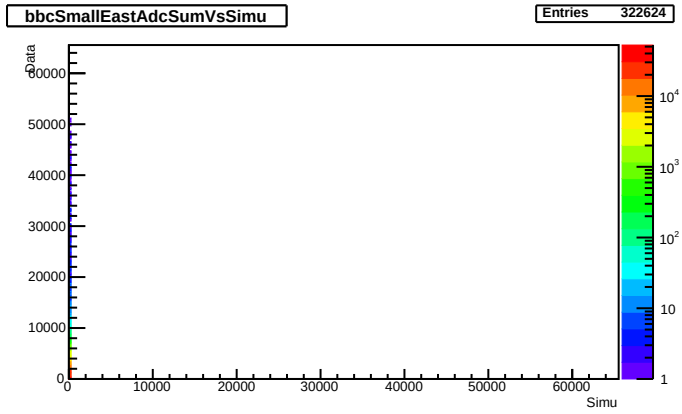

EQ3 QTB
Entries 1.072369e+08
ADC
QT Input Channel

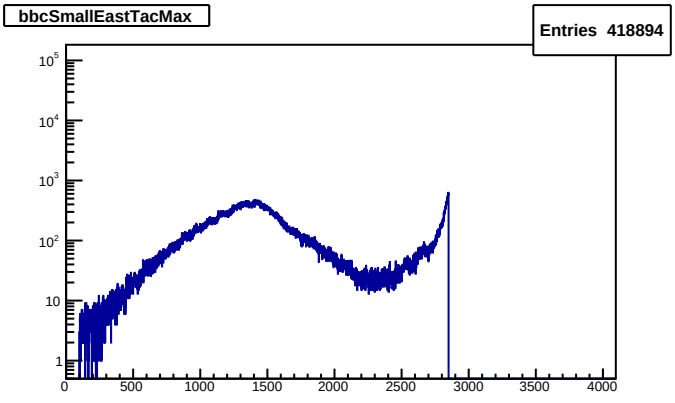

EQ3 QTB
Entries 3.285394e+07
TDC
QT Input Channel

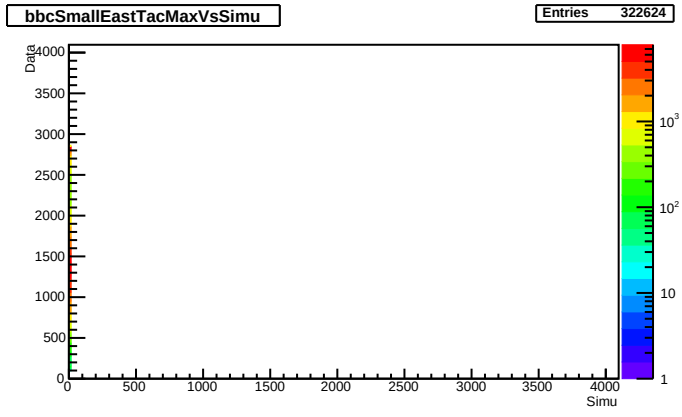

EQ3 QTC
Entries 4.021382e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.021382e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 418894


bbcSmallEastAdcSumVsSimu
Entries 322624
Data
Simu


bbcSmallEastTacMax
Entries 418894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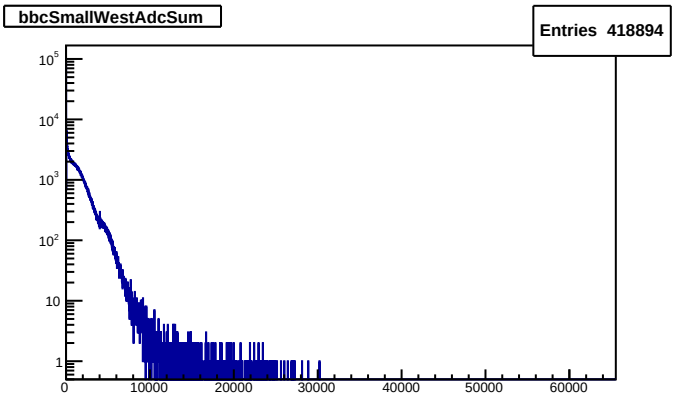
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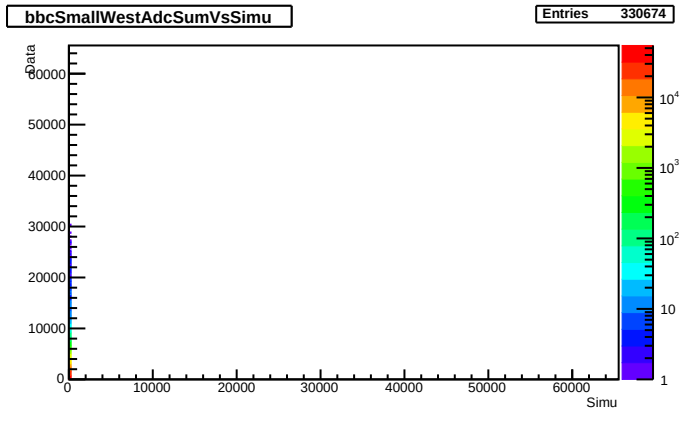
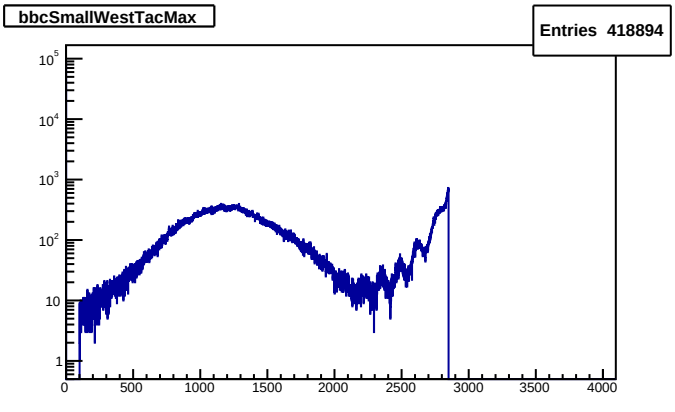
Entries 418894


bbcSmallWestAdcSumVsSimu
Entries 330674
Data
Simu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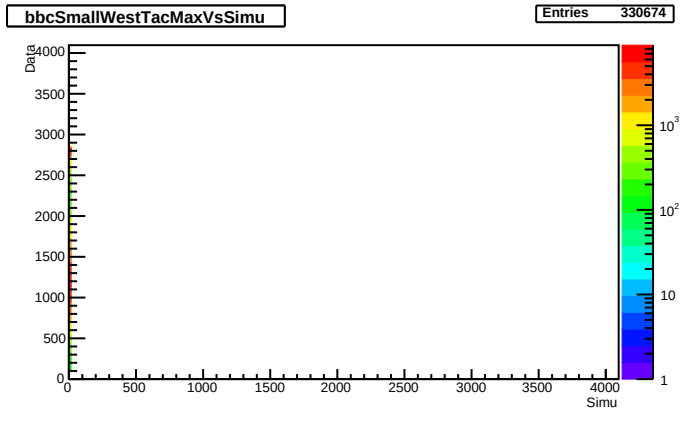
Entries 418894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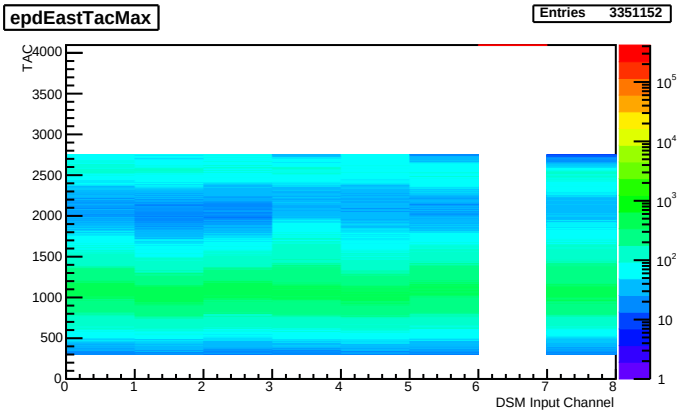
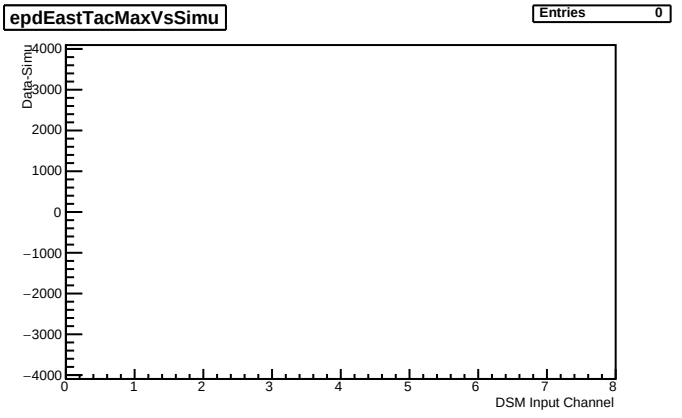
Entries 330674
Data
Simu


epdEastTacMax
Entries 3351152
TAC
DSM Input Channel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Entries 0
Data-Simu
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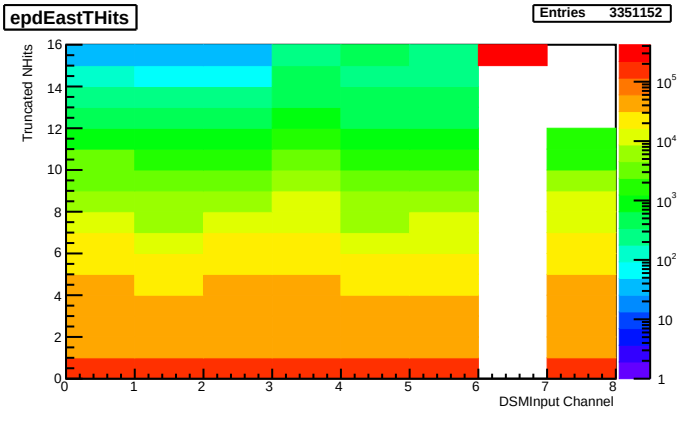
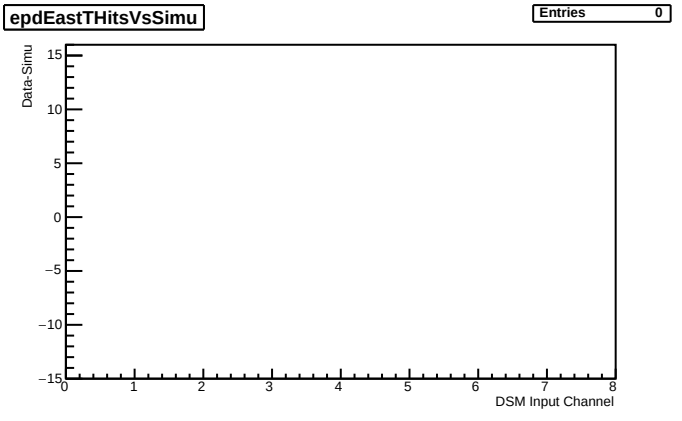

epdEastTHits
Entries 3351152
Truncated NHits
DSMInput Channel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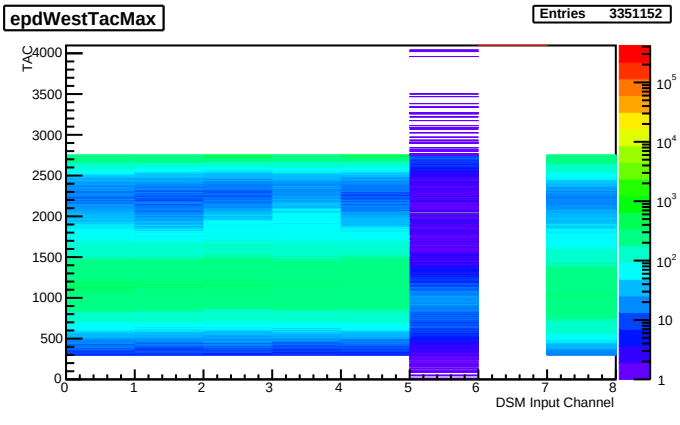
Data-Simu
DSM Input Channel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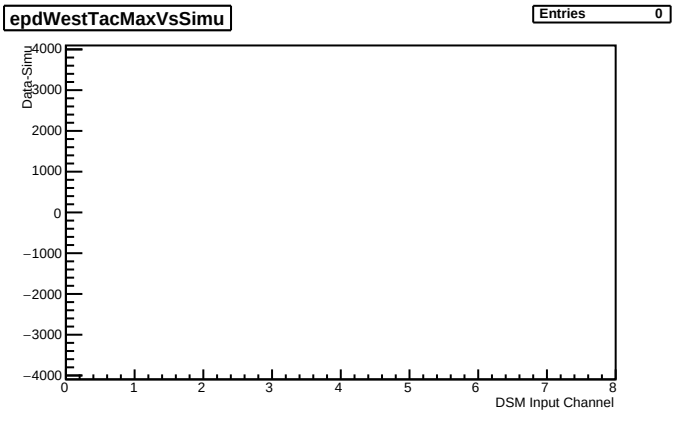
Entries 3351152
TAC
DSM Input Channel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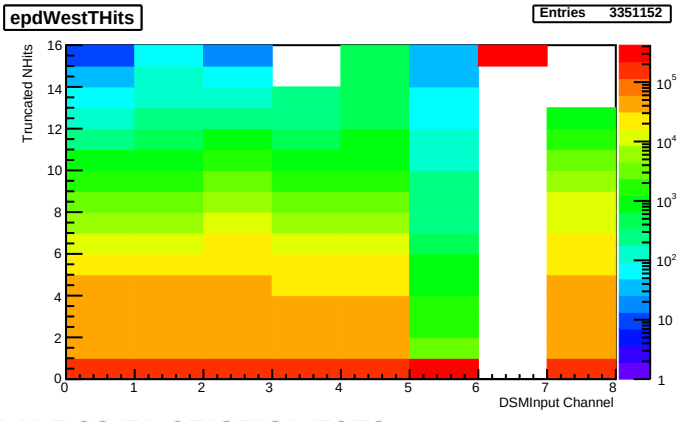
Entries 0
Data-Simu
DSM Input Channel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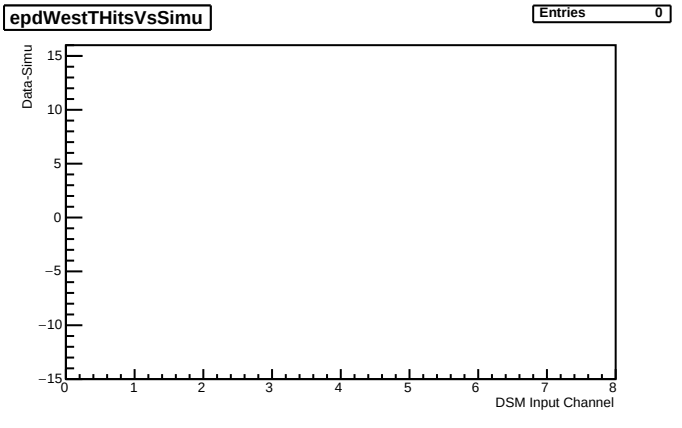
Entries 3351152
Truncated NHits
DSMInput Channel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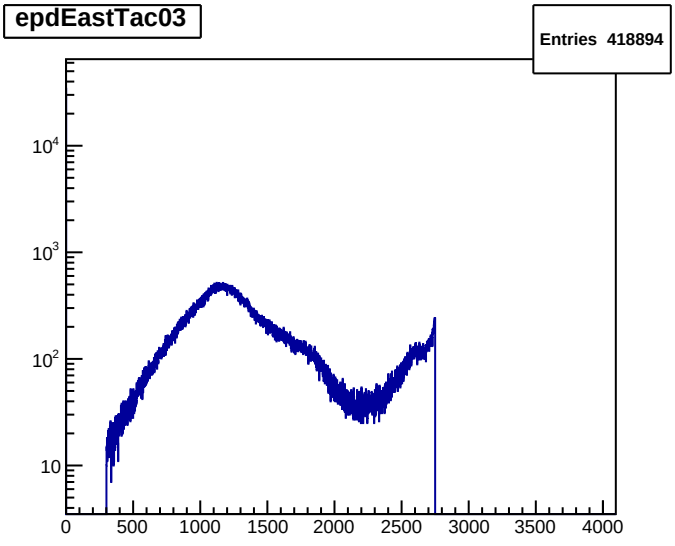
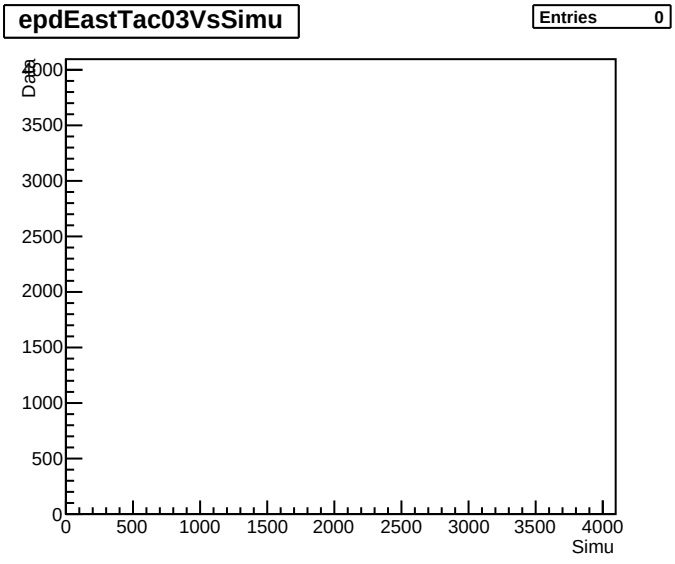
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 418894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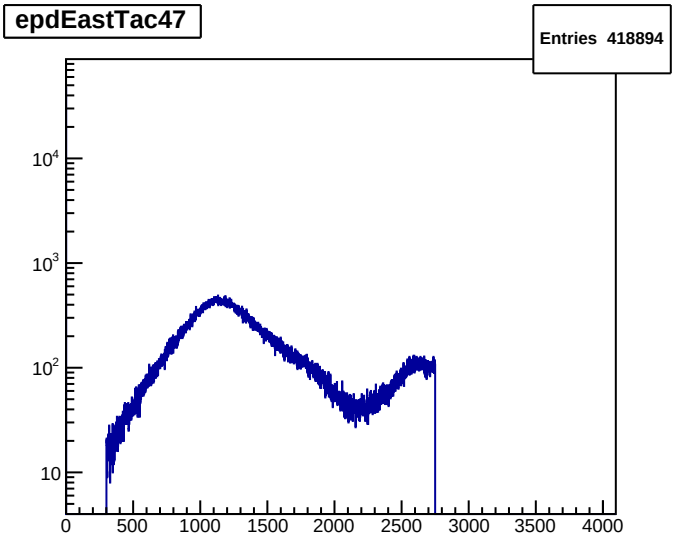
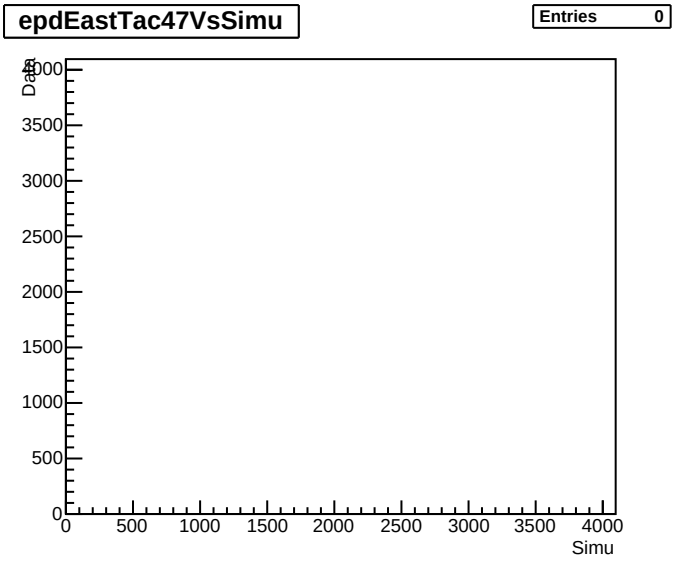
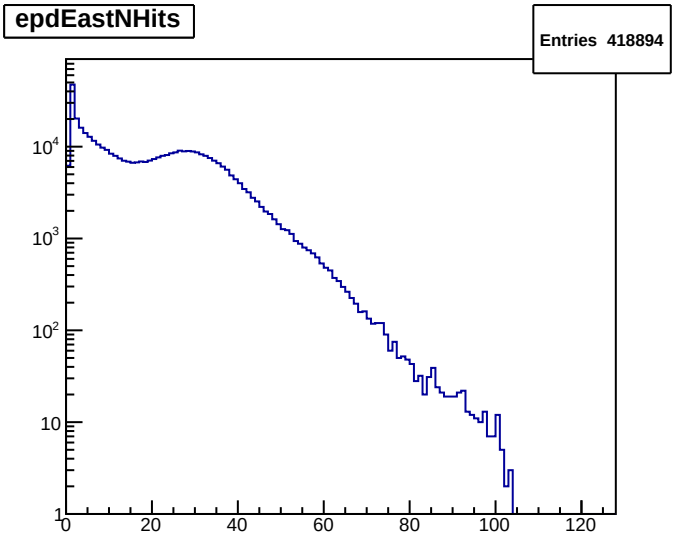
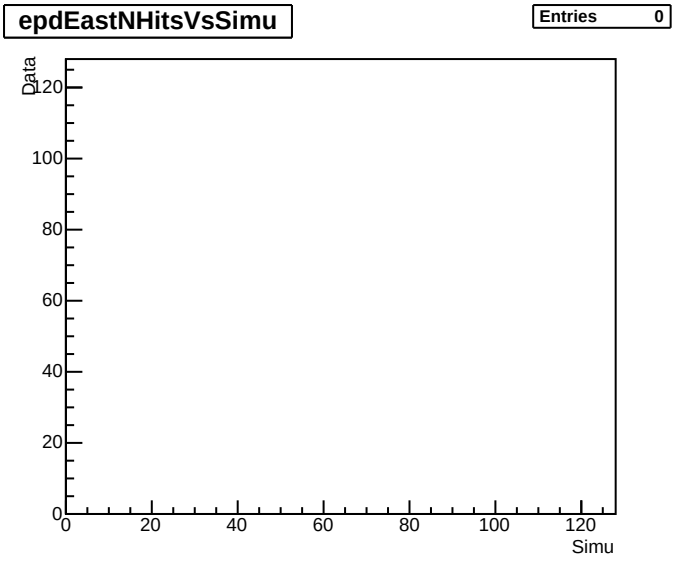
Entries 0
Data
Simu


epdEastTac47
Entries 418894


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 418894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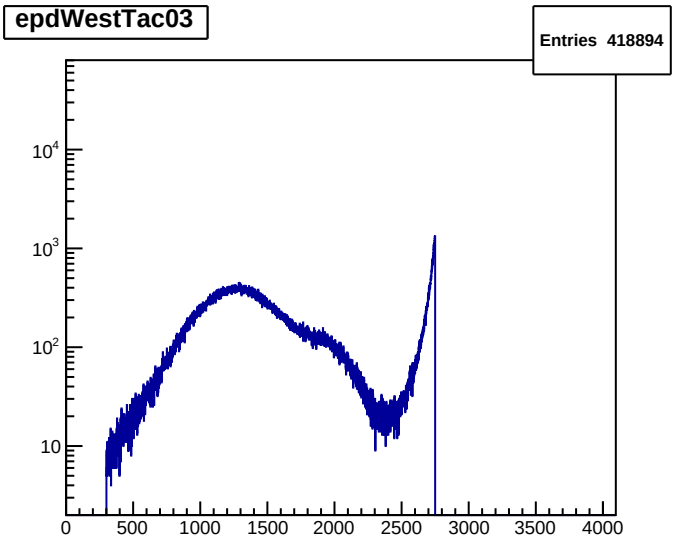
Entries 0
Data
Simu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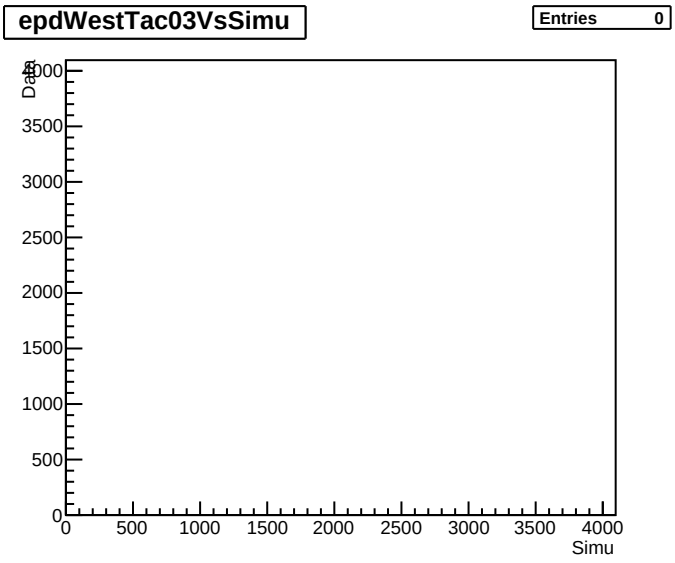
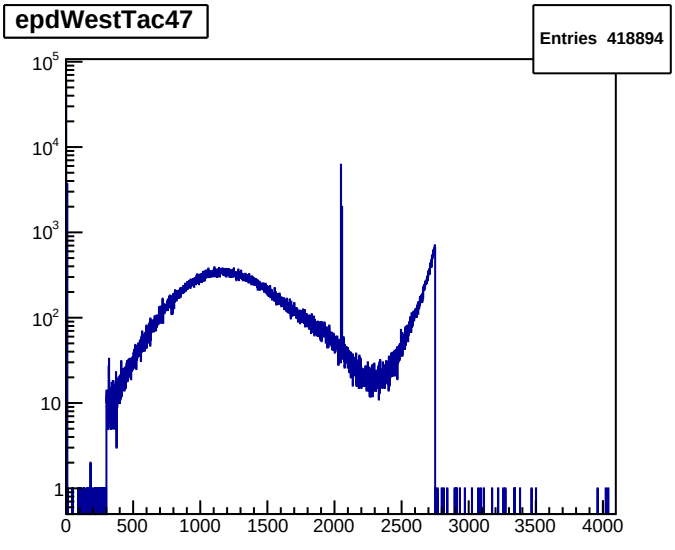
Entries 418894


epdWestTac03VsSimu
Entries 0
Data
Simu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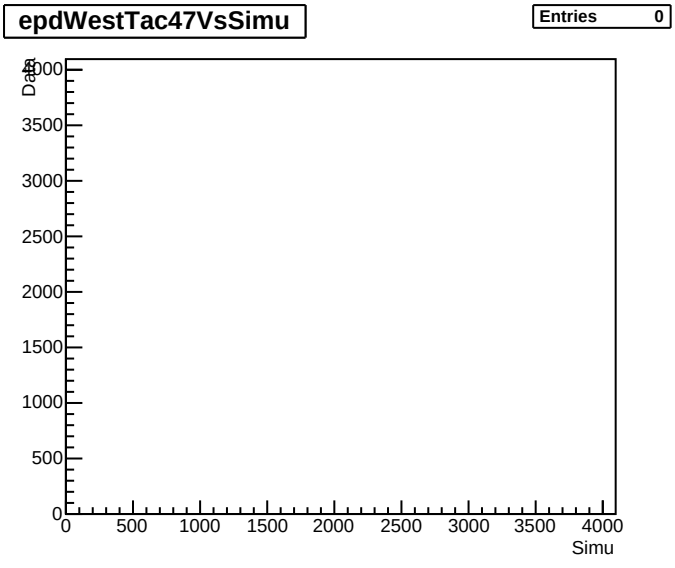
Entries 418894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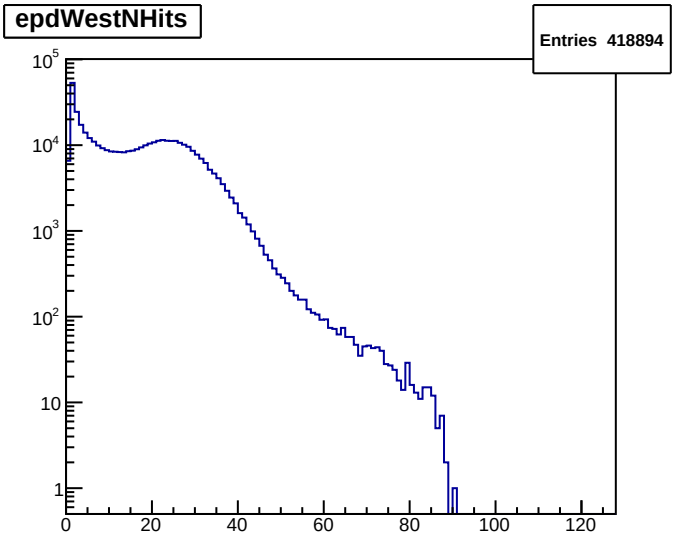
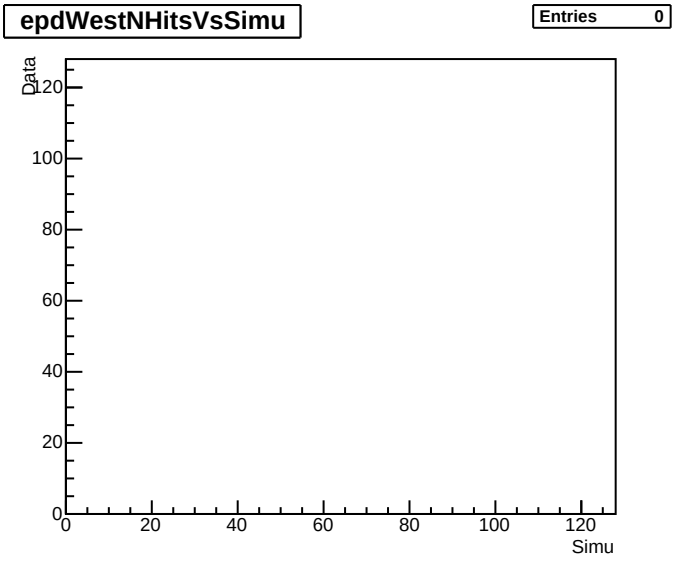
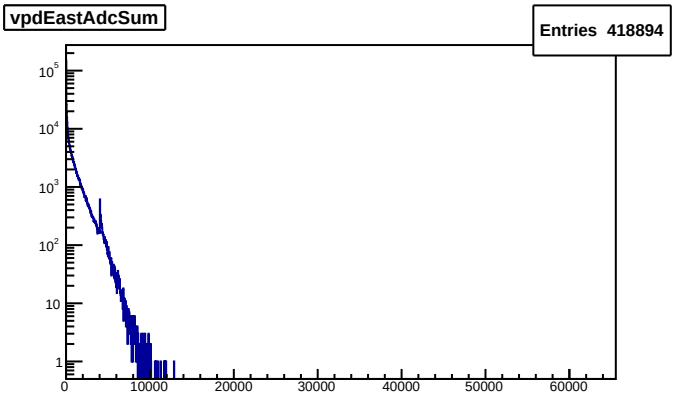
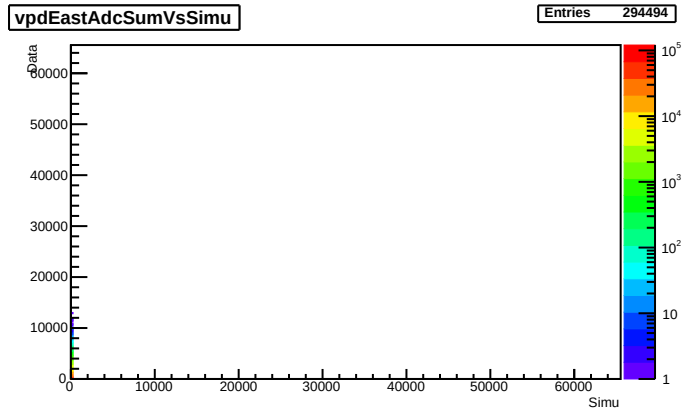
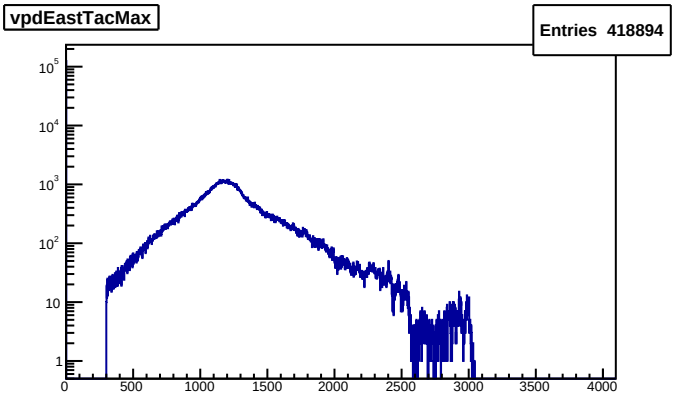
Entries 0
Data
Simu

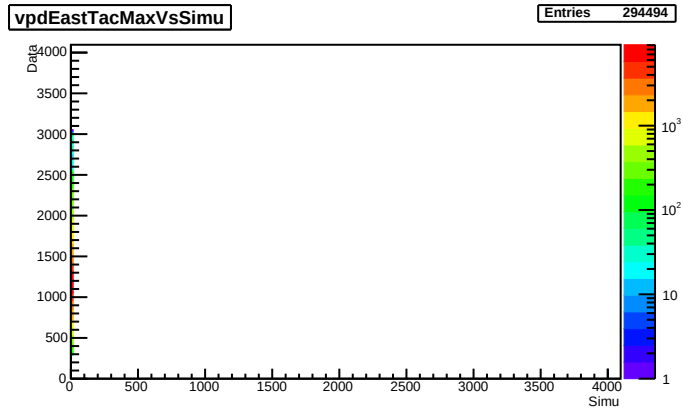

epdWestNHits
Entries 418894

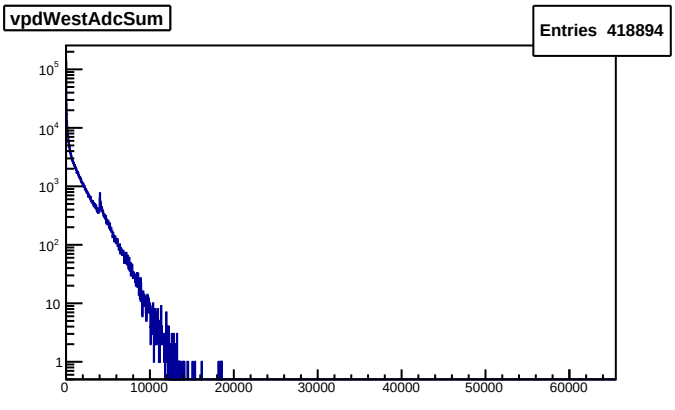

epdWestNHitsVsSimu
Entries 0
Data
Simu

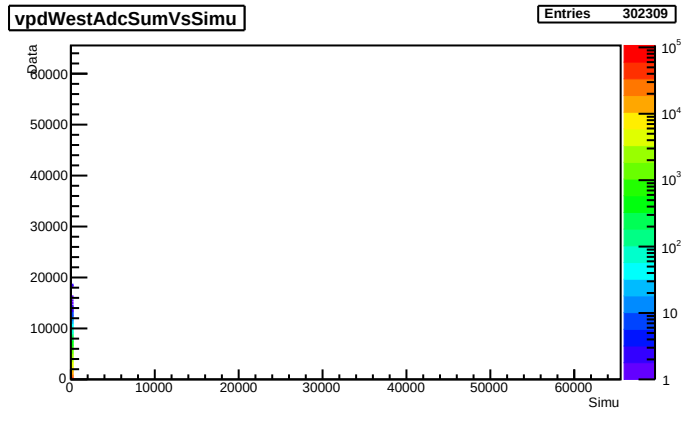

vpdEastAdcSum
Entries 418894

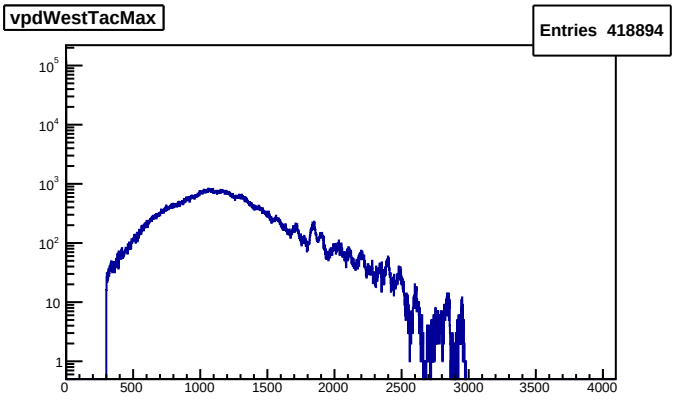

vpdEastAdcSumVsSimu
Entries 294494
Data
Simu

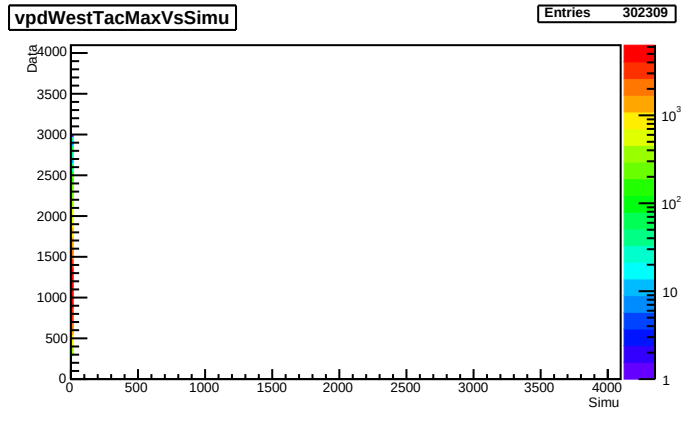

vpdEastTacMax
Entries 418894

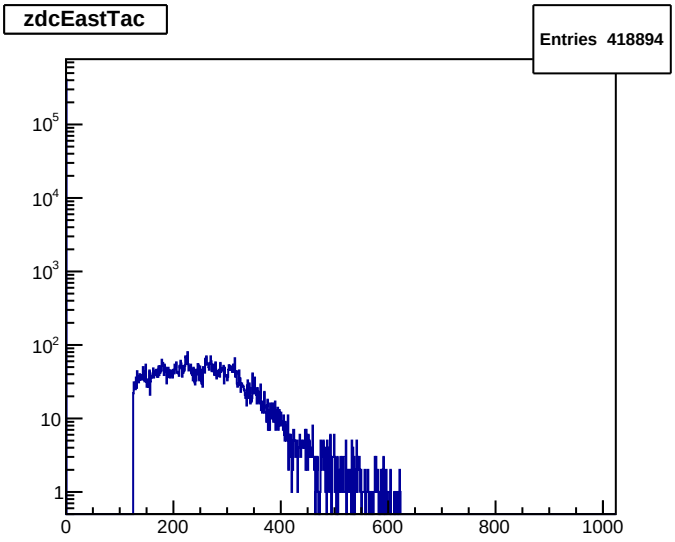

vpdEastTacMaxVsSimu
Entries 294494
Data
Simu

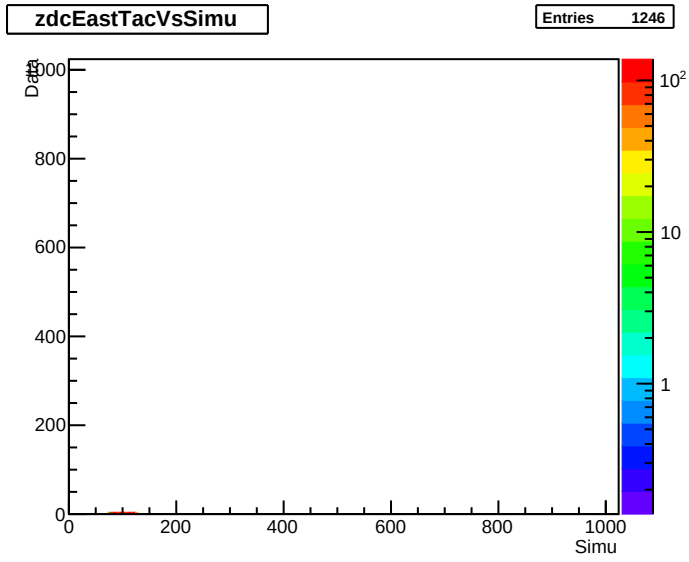

vpdWestAdcSum
Entries 418894

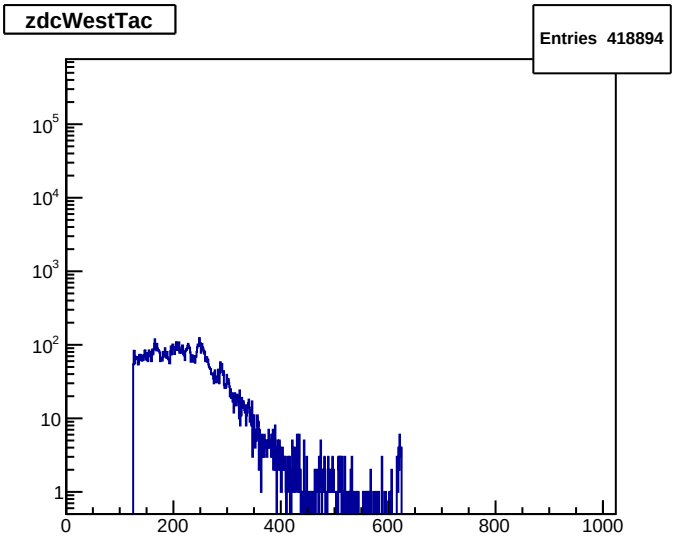

vpdWestAdcSumVsSimu
Entries 302309
Data
Simu

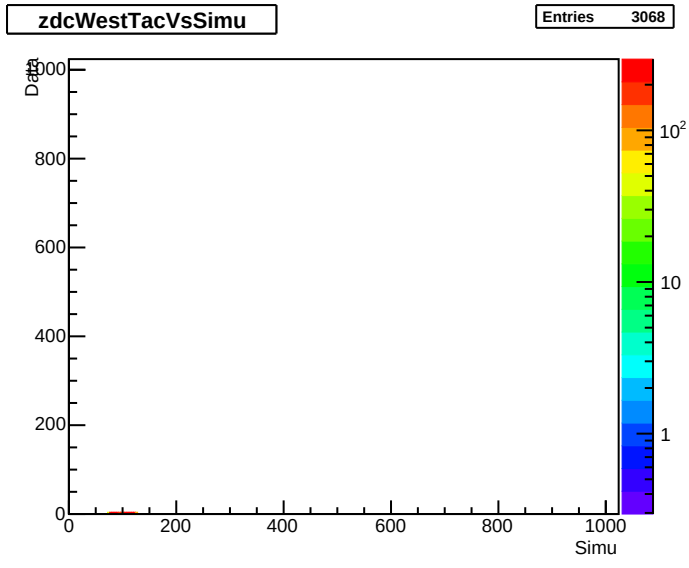

vpdWestTacMax
Entries 418894

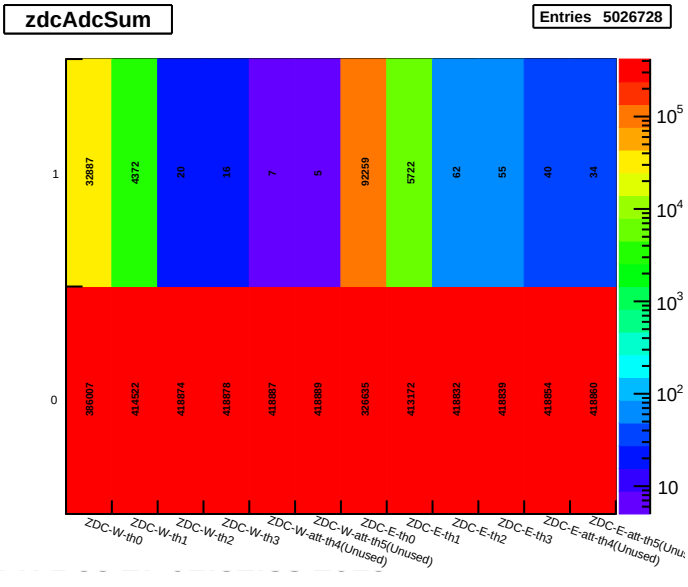

vpdWestTacMaxVsSimu
Entries 302309
Data
Simu

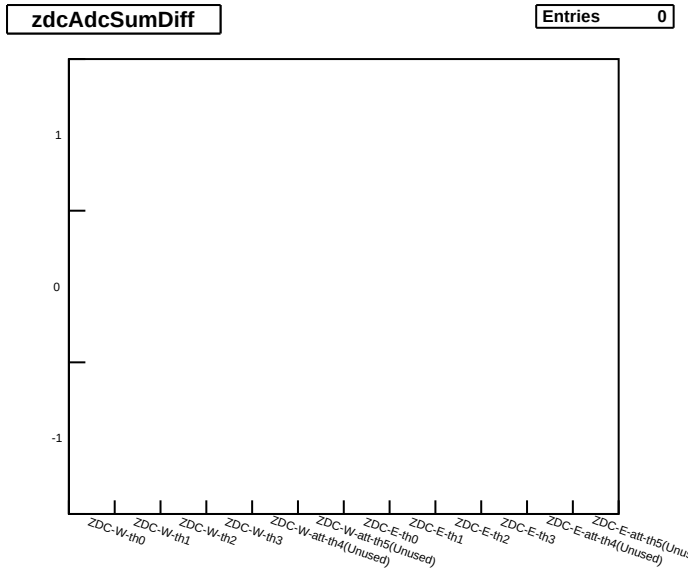

zdcEastTac
Entries 418894

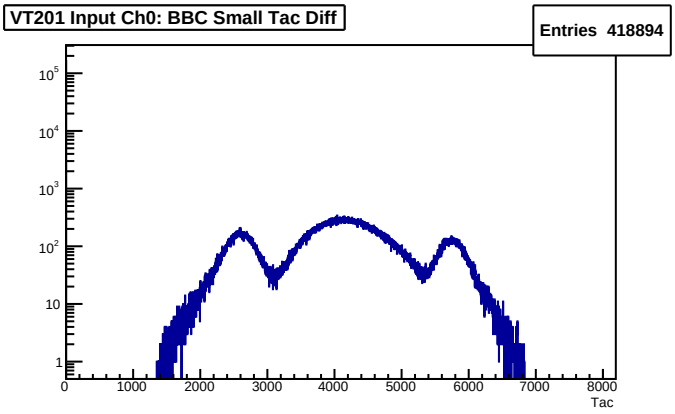

zdcEastTacVsSimu
Entries 1246
Data
Simu

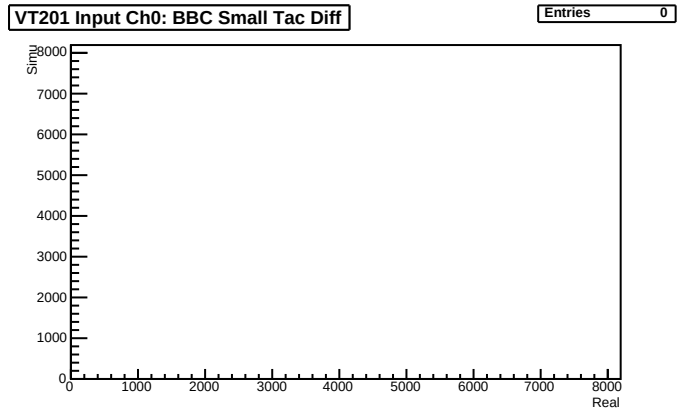

zdcWestTac
Entries 418894

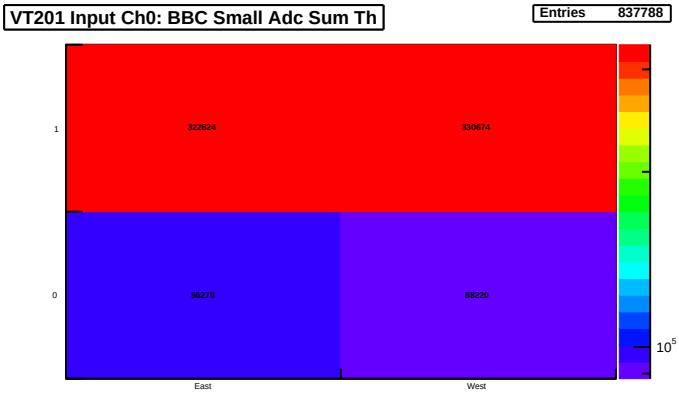

zdcWestTacVsSimu
Entries 3068
Data
Simu

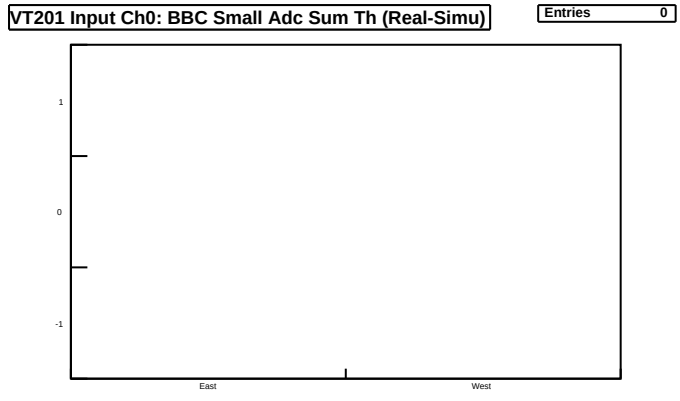

zdcAdcSum
Entries 5026728
32887
4372
20
16
7
5
92259
5722
62
55
40
34
386007
414522
418874
418878
418887
418889
326635
413172
418832
418839
418854
418860
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

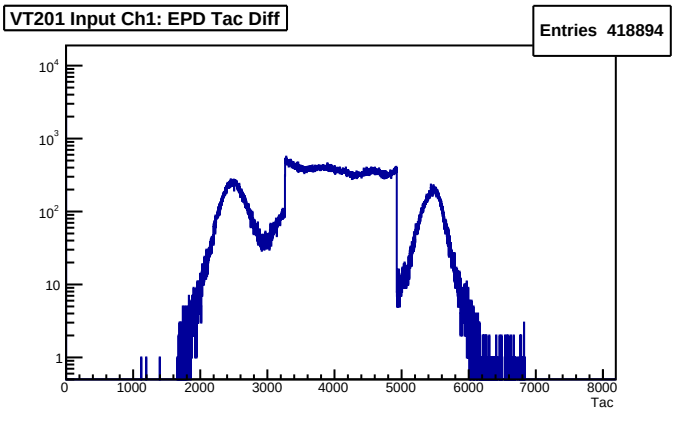

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

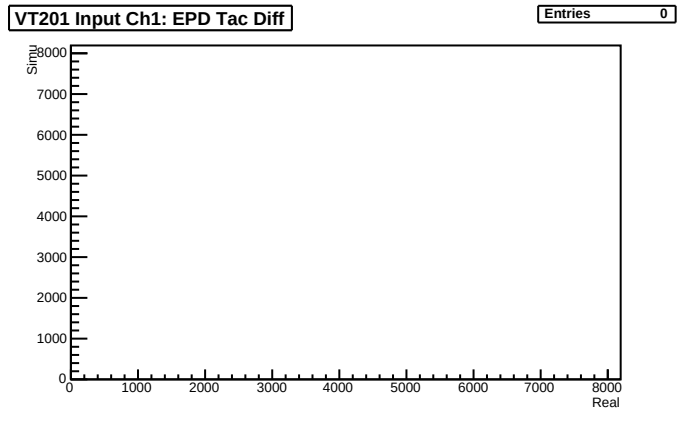

VT201 Input Ch0: BBC Small Tac Diff
Entries 418894
Tac

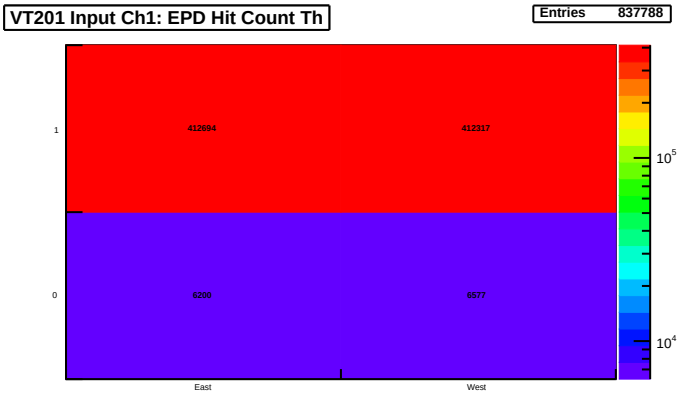

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

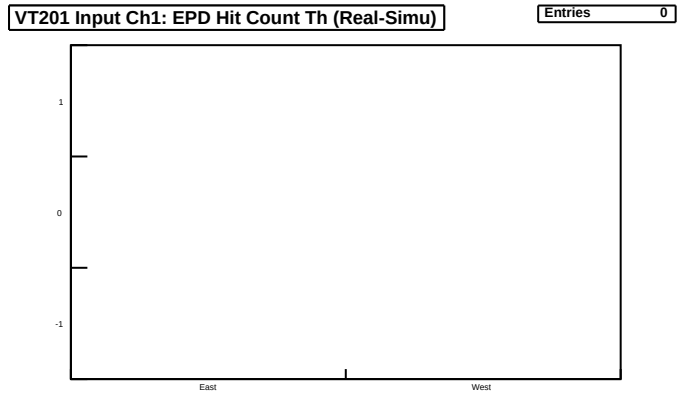

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 837788
322624
330674
96270
88220
East
West

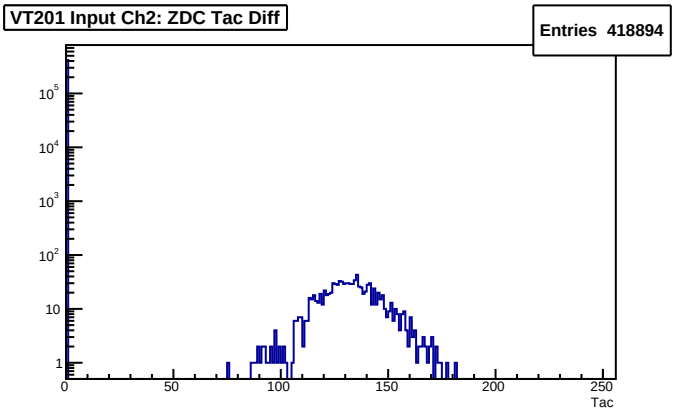

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

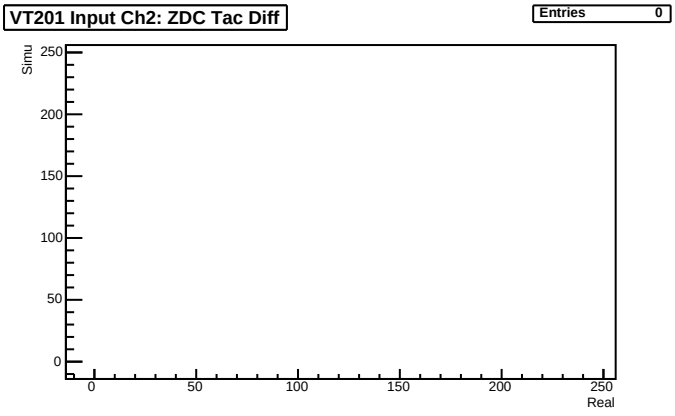

VT201 Input Ch1: EPD Tac Diff
Entries 418894
Tac

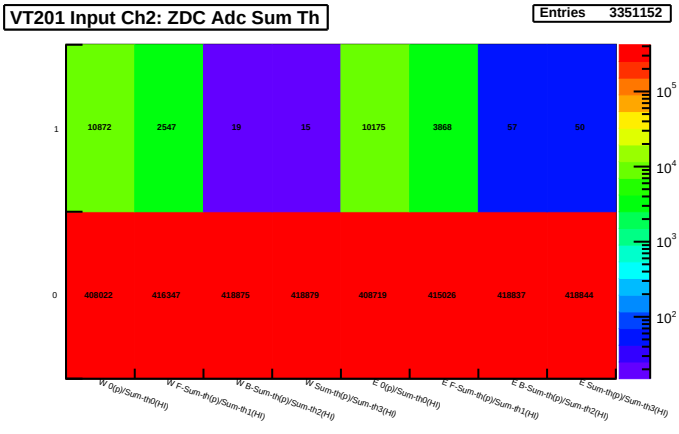

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

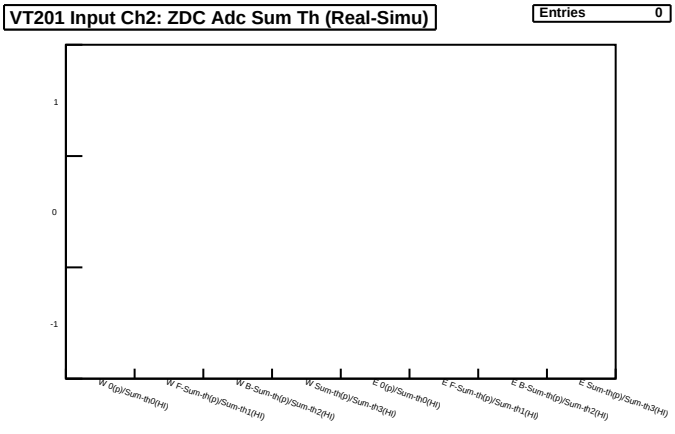

VT201 Input Ch1: EPD Hit Count Th
Entries 837788
412694
412317
6200
6577
East
West

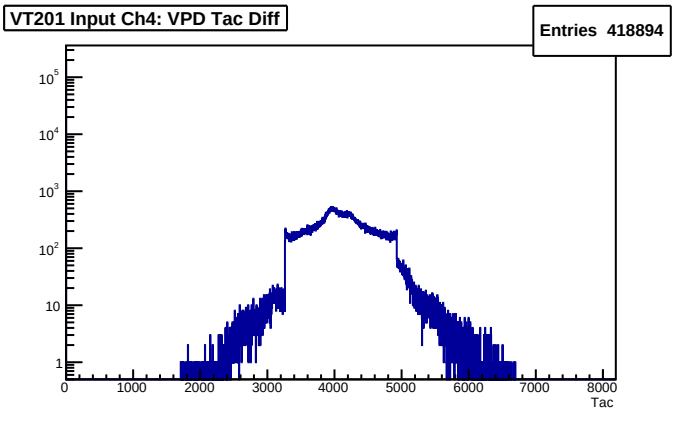

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

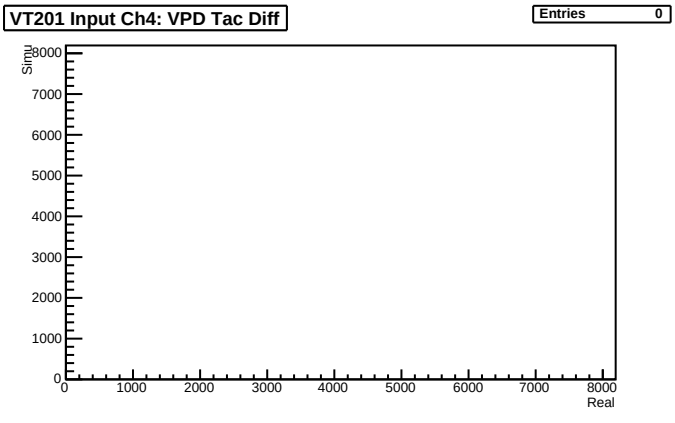

VT201 Input Ch2: ZDC Tac Diff
Entries 418894
Tac

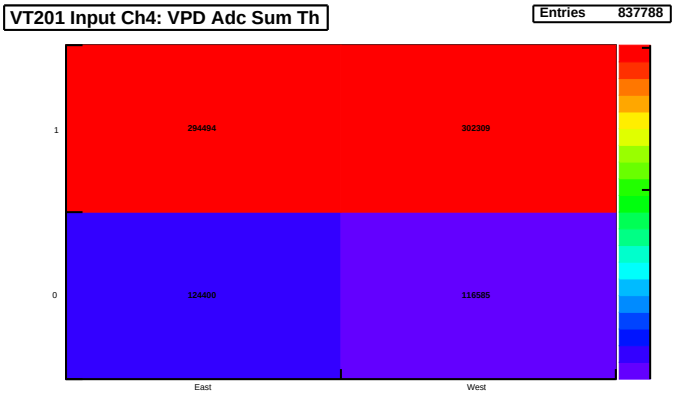

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

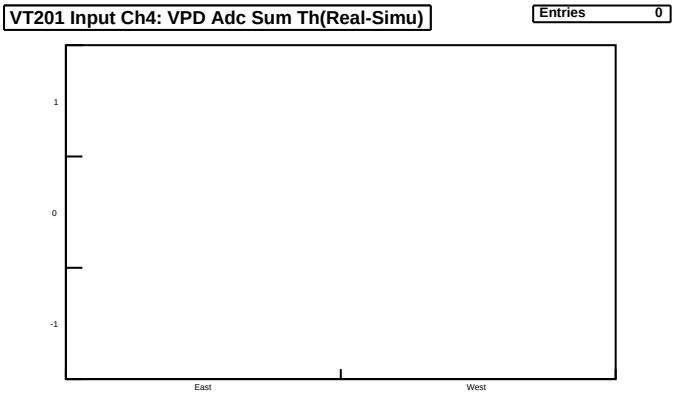

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3351152
10872
2547
19
15
10175
3868
57
50
408022
416347
418875
418879
408719
415026
418837
418844
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

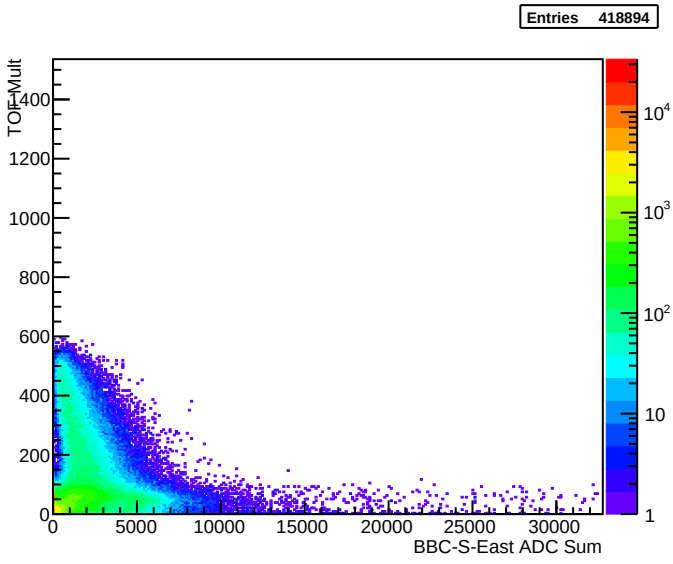

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

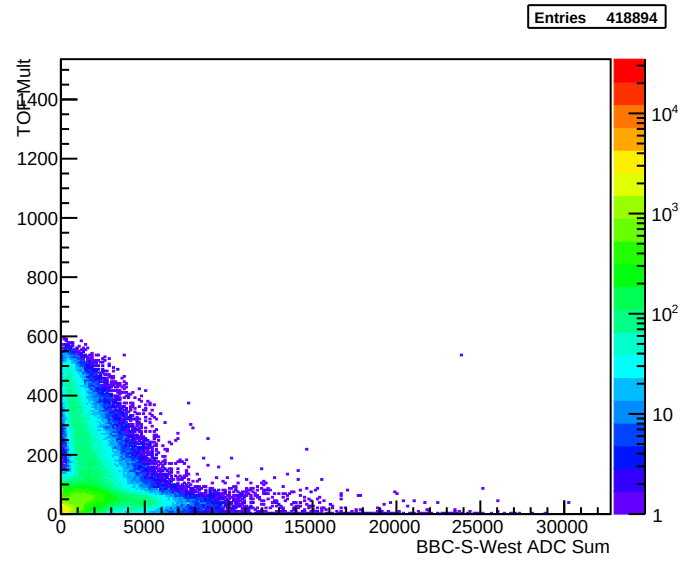

VT201 Input Ch4: VPD Tac Diff
Entries 418894
Tac

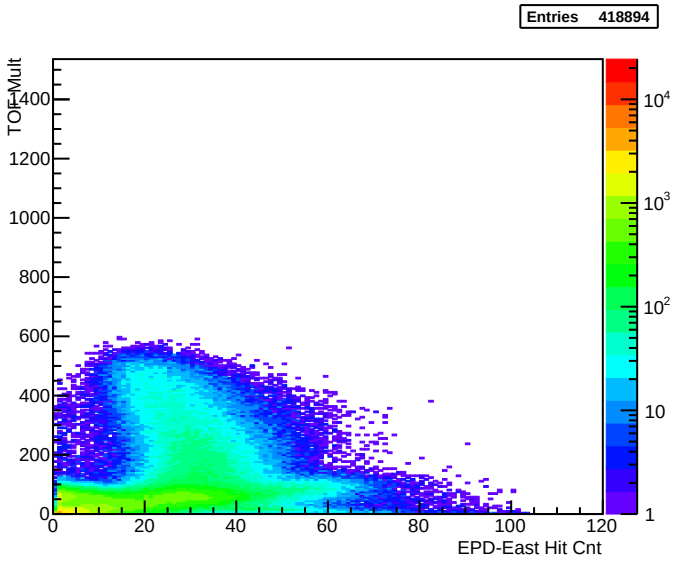

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

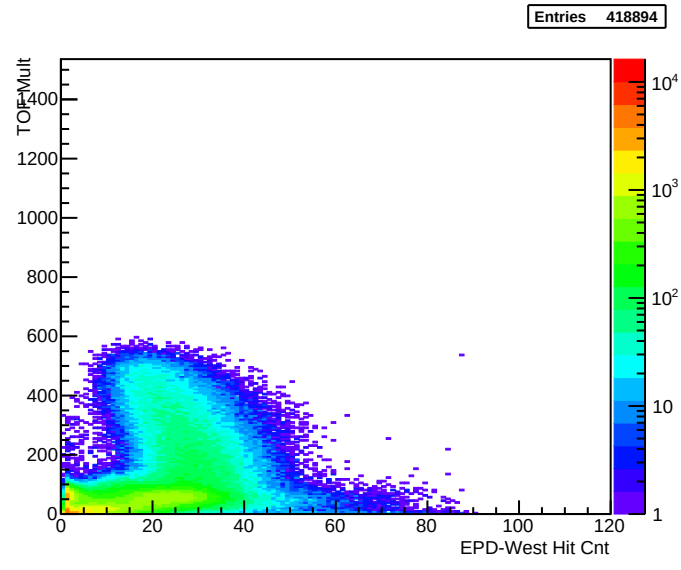

VT201 Input Ch4: VPD Adc Sum Th
Entries 837788
294494
302309
124400
116585
East
West

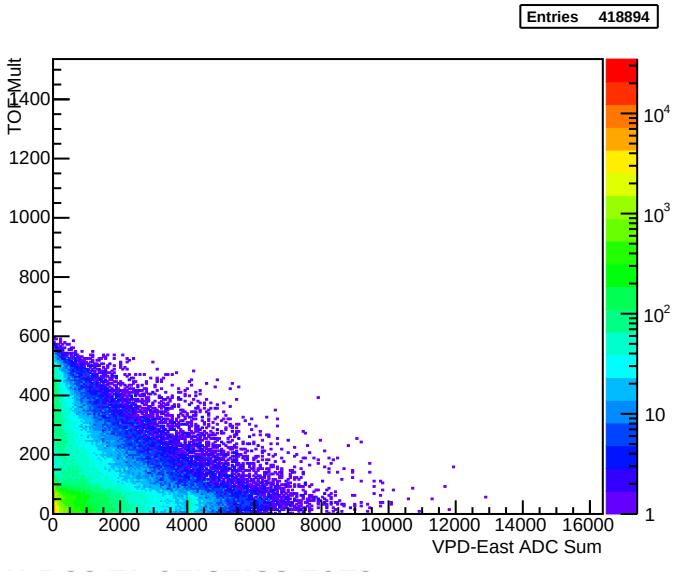

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

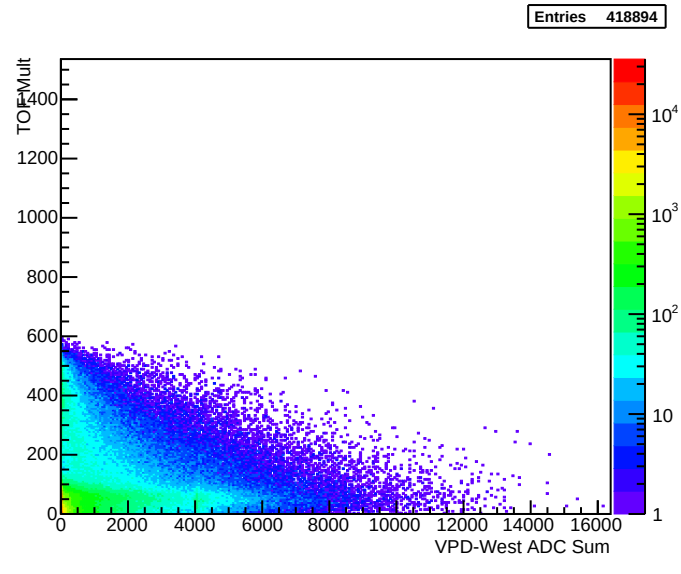

Entries 418894
TOF-Mult
BBC-S-East ADC Sum

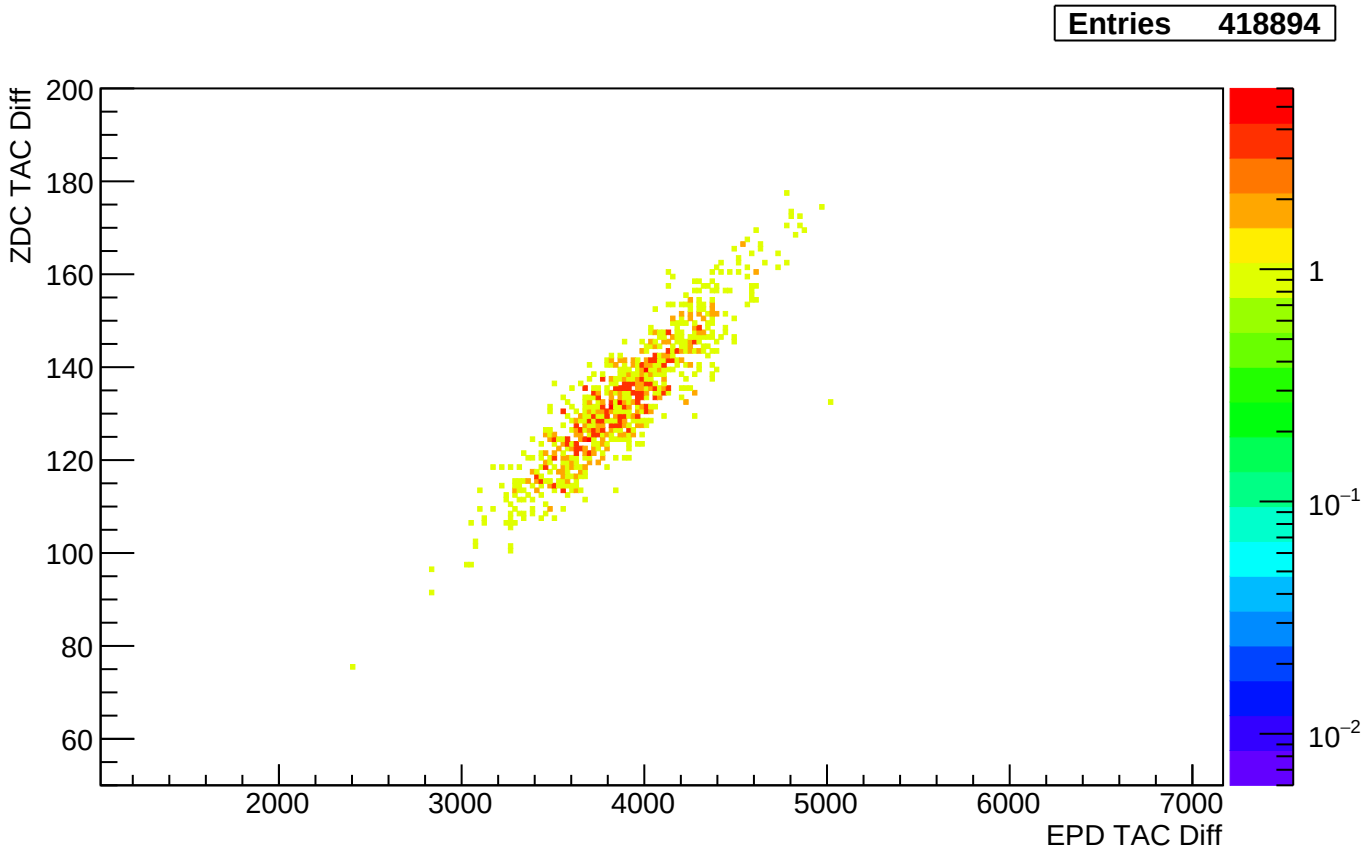

Entries 418894
TOF-Mult
BBC-S-West ADC Sum

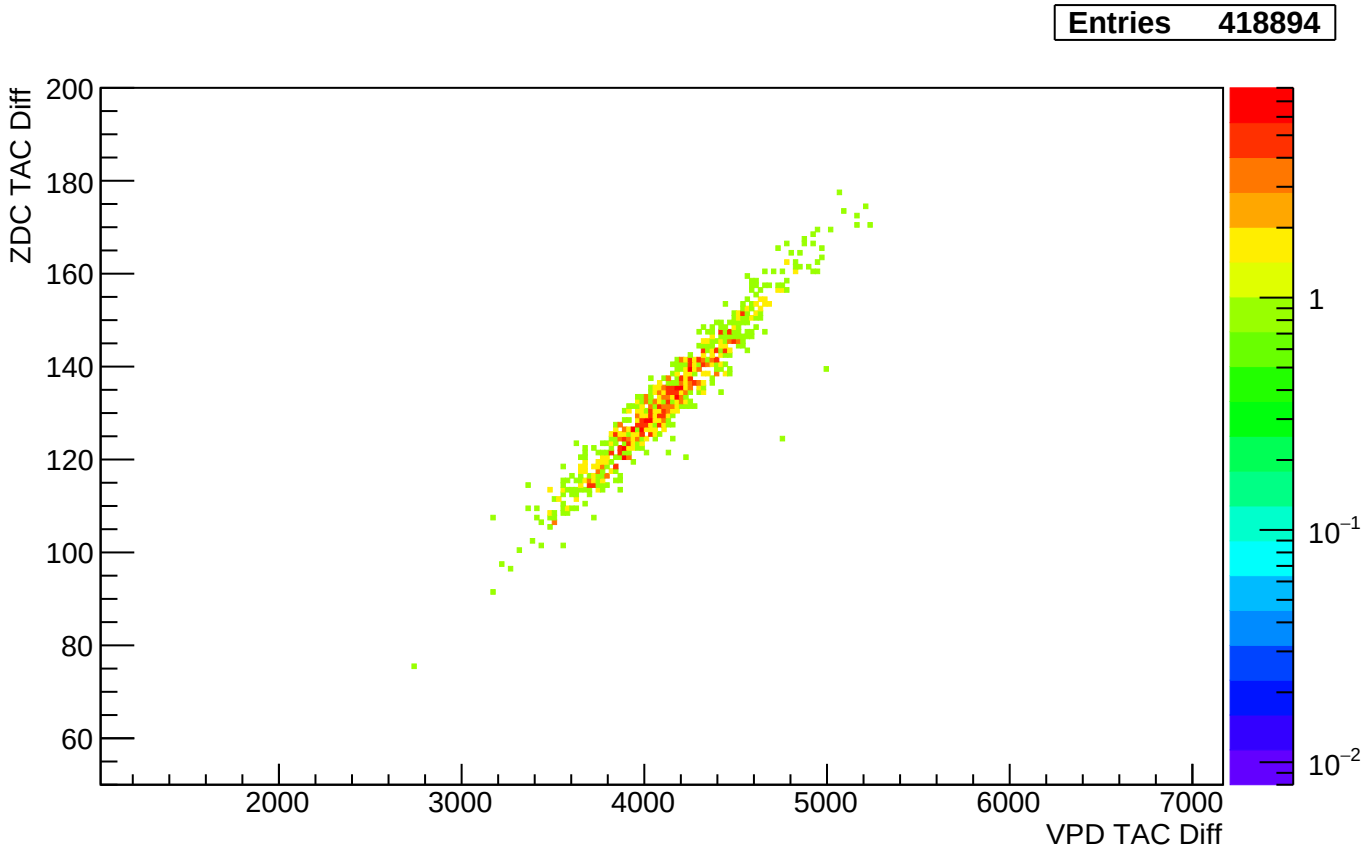

Entries 418894
TOF-Mult
EPD-East Hit Cnt

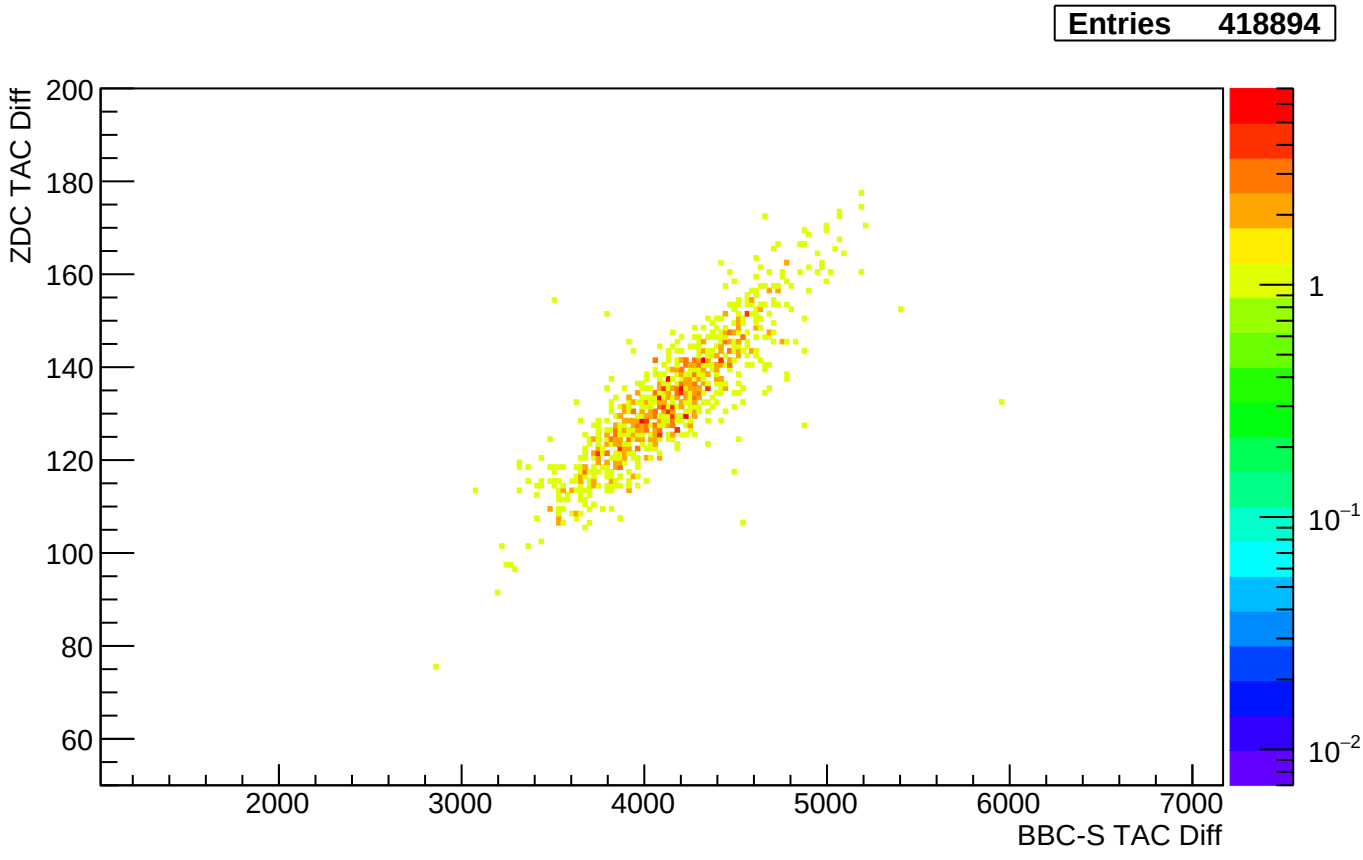

Entries 418894
TOF-Mult
EPD-West Hit Cnt

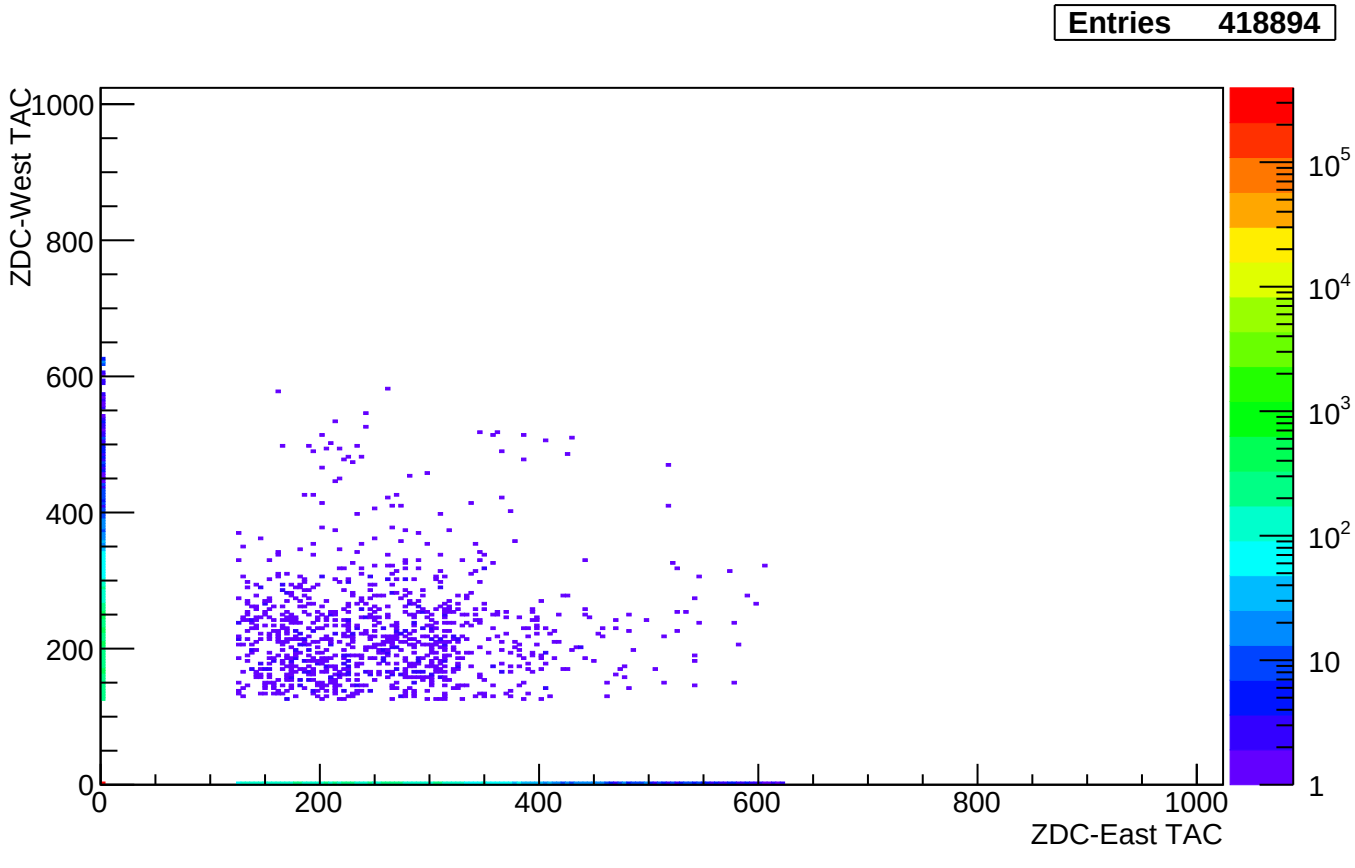

Entries 418894
TOF-Mult
VPD-East ADC Sum

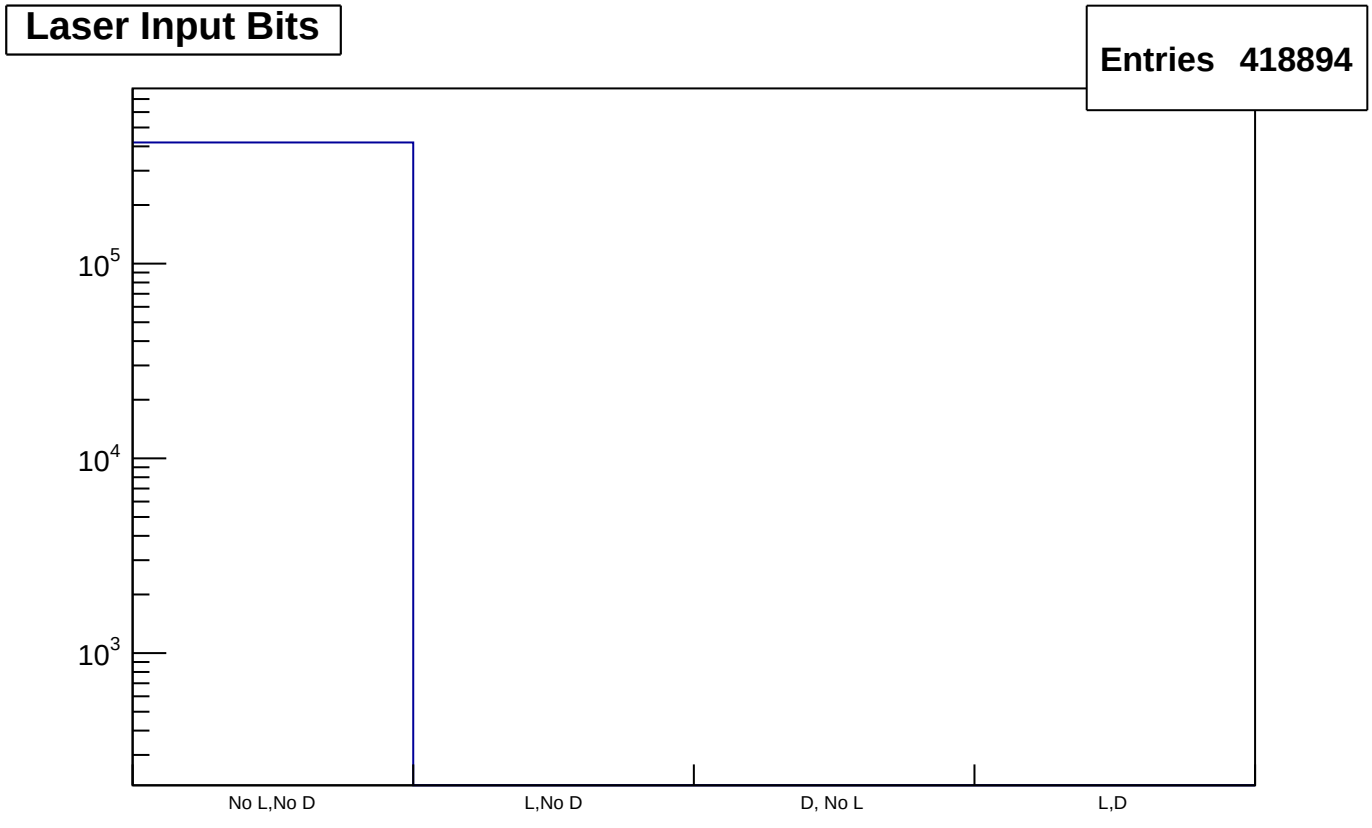

Entries 418894
TOF-Mult
VPD-West ADC Sum

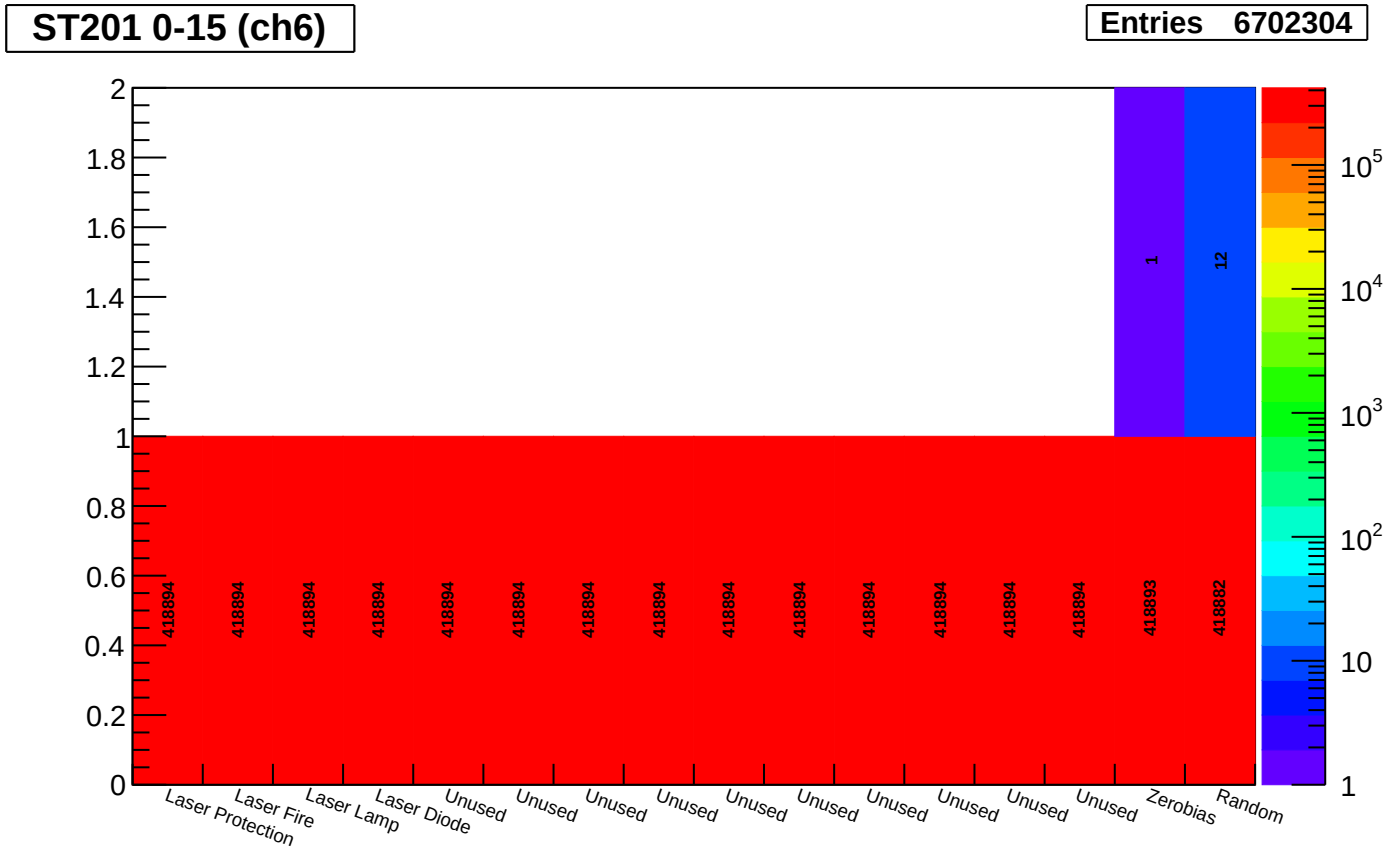

Entries 418894
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

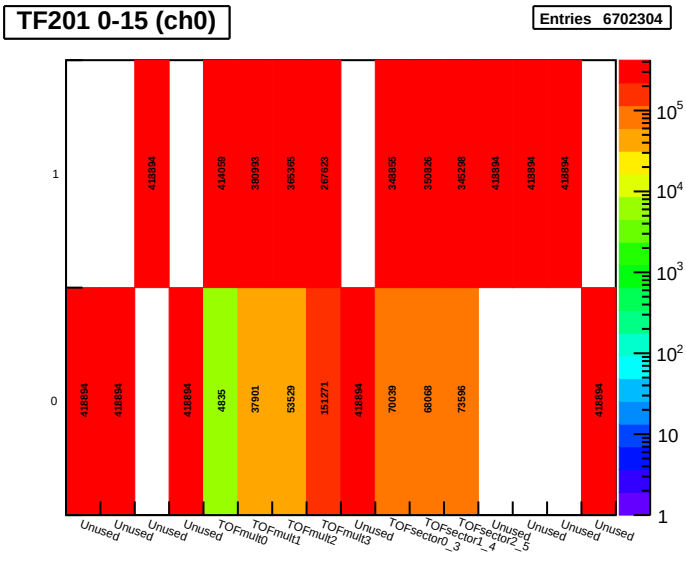

Entries 418894
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

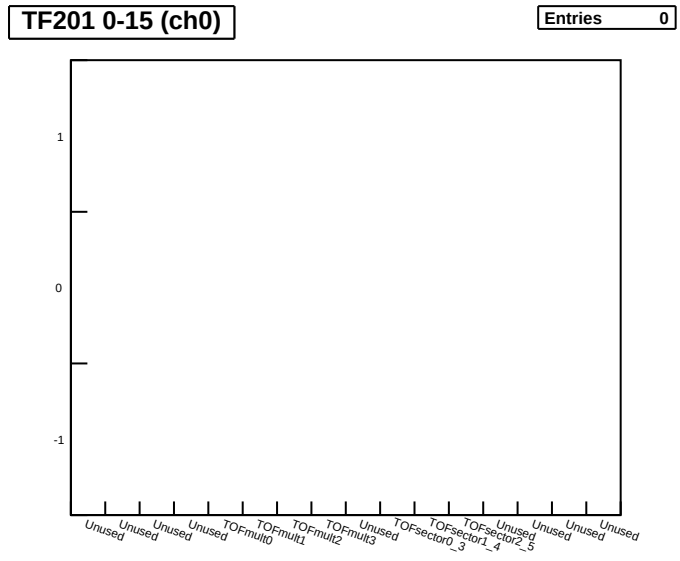

Entries 418894
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

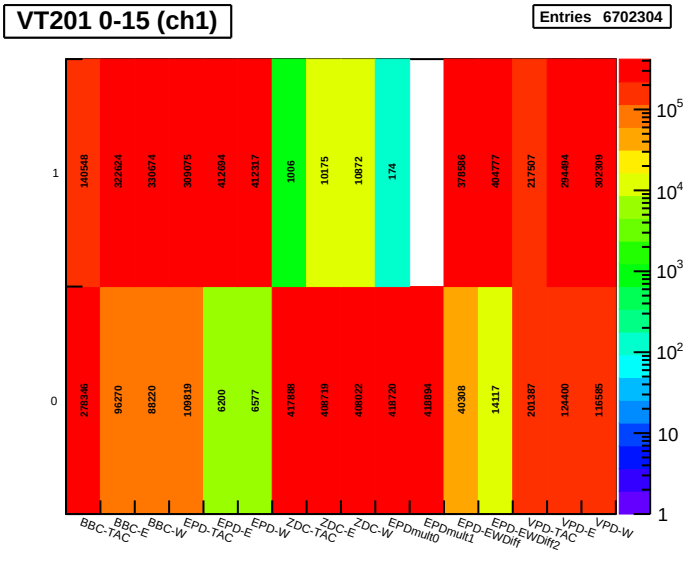

Entries 418894
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

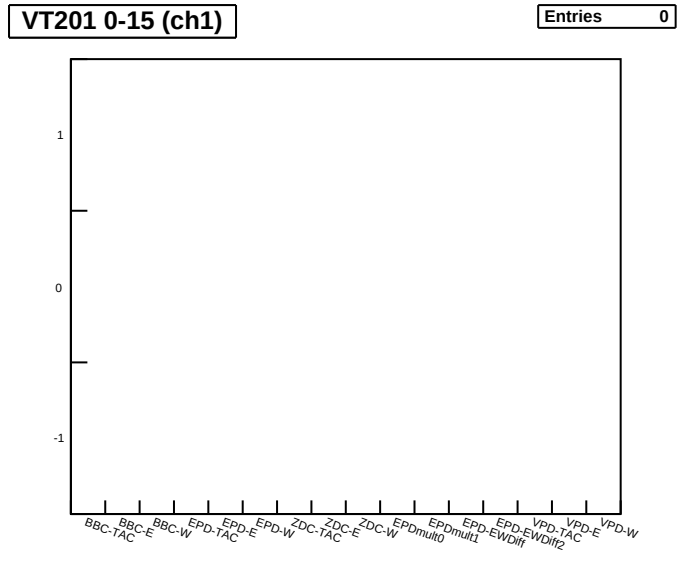

Laser Input Bits
Entries 418894
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

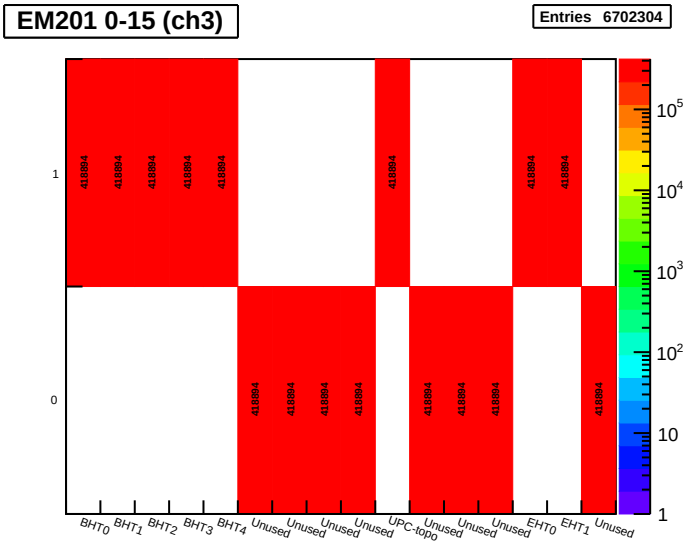

ST201 0-15 (ch6)
Entries 6702304
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
418894
418894
418894
418894
418894
418894
418894
418894
418894
418894
418894
418894
418894
418894
418893
418882
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

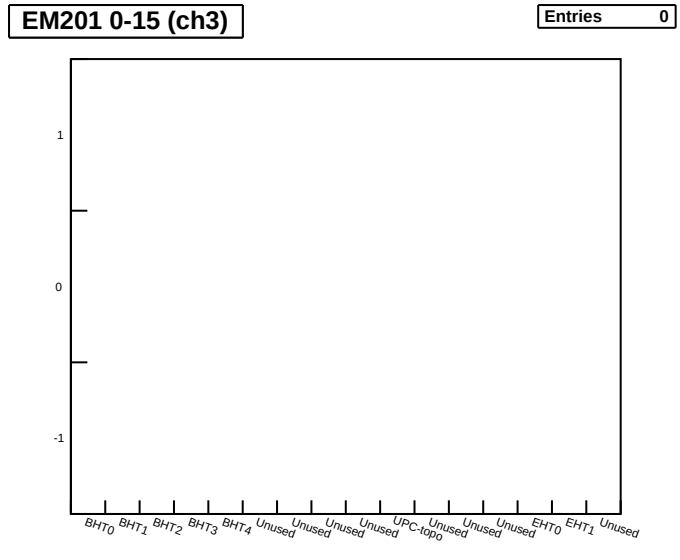

TF201 0-15 (ch0)
Entries 6702304
1
0
418894 414059 380993 365365 297623 348855 350826 345298 418894 418894 418894
418894 418894 418894 4835 37901 53529 151271 418894 70039 68068 73596 418894
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 6702304
1
0
140548 322624 330674 309075 412694 412317 1006 10175 10872 174 378586 404777 217507 294494 302309
278346 96270 88220 109819 6200 6577 417888 408719 408022 418720 418894 40308 14117 201387 124400 116585
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 6702304
1
0
418894 418894 418894 418894 418894 418894 418894 418894
418894 418894 418894 418894 418894 418894 418894 418894
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