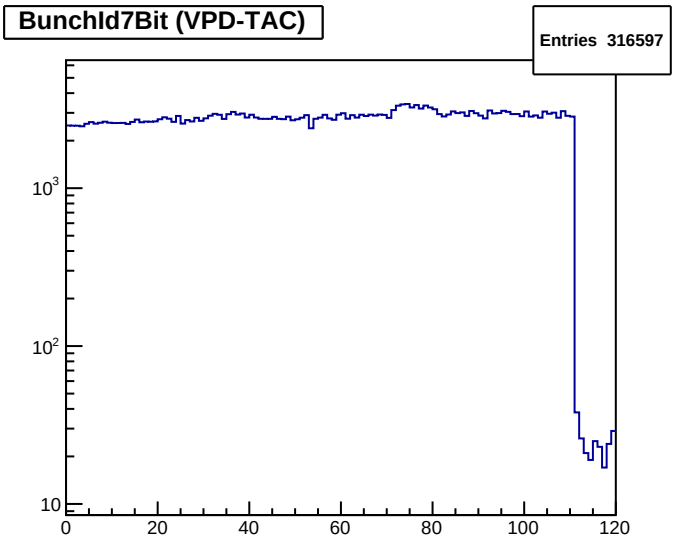
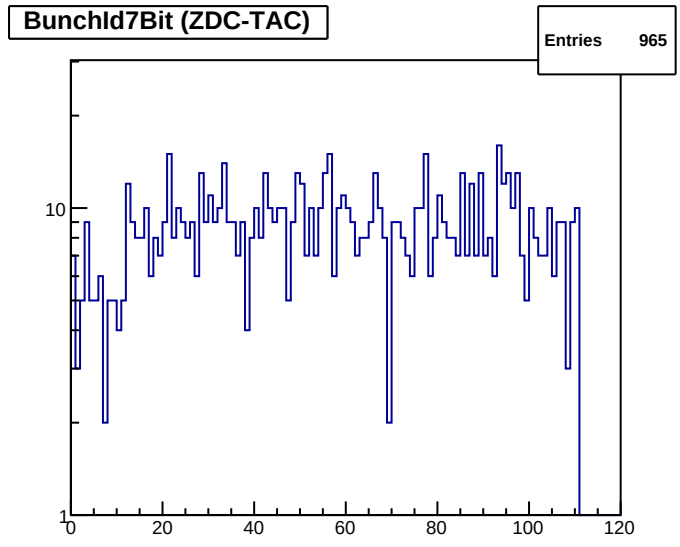
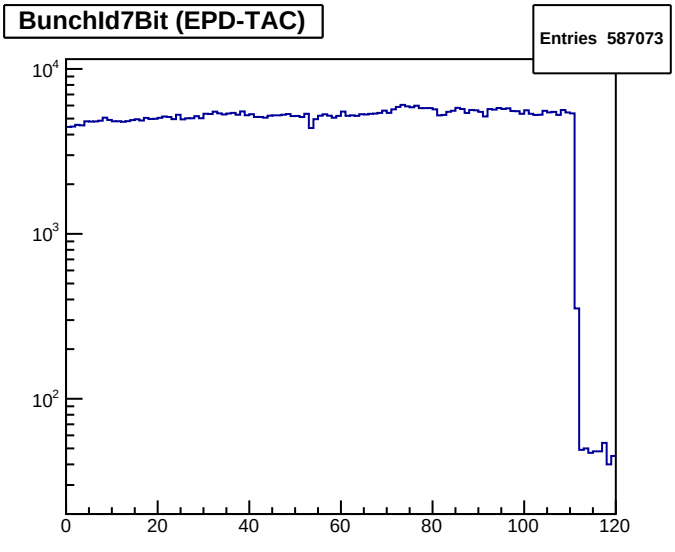
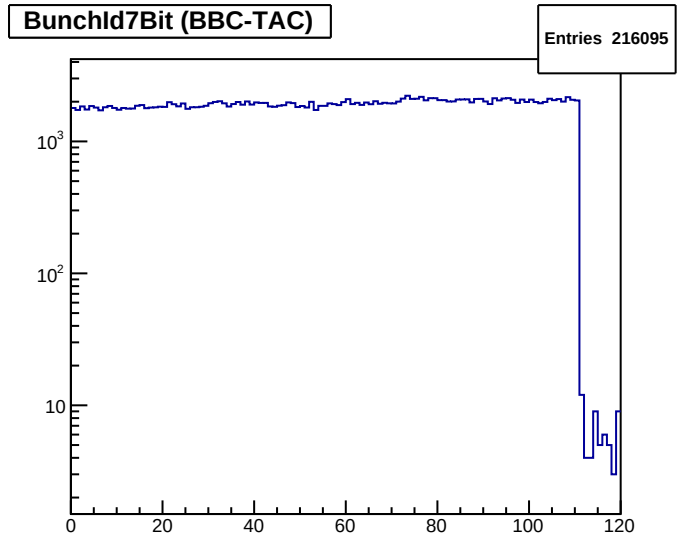
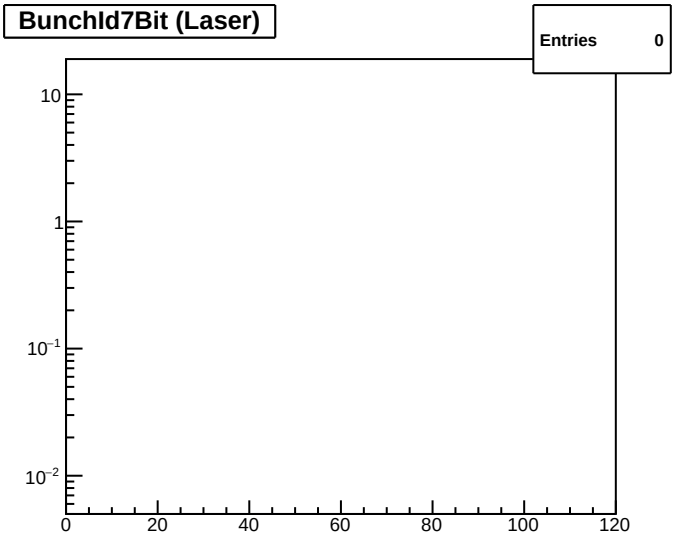
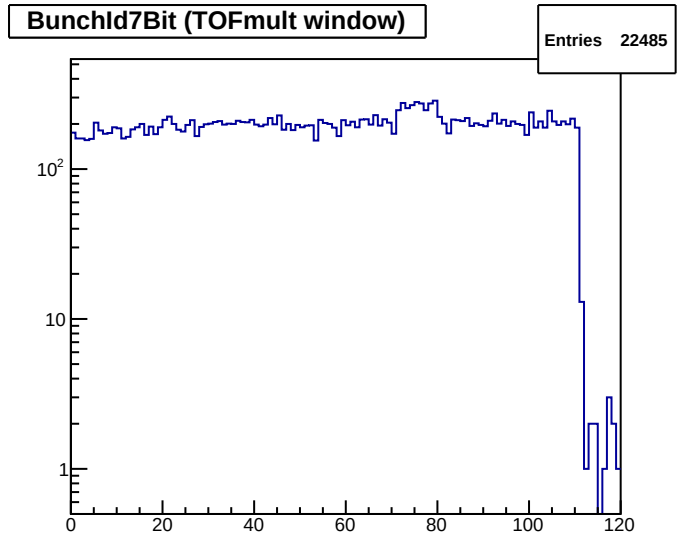

BunchId7Bit (VPD-TAC)
Entries 316597

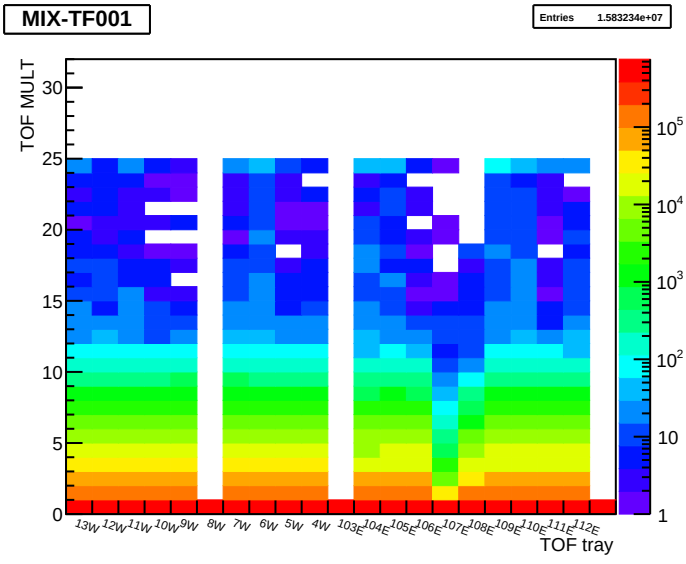

BunchId7Bit (ZDC-TAC)
Entries 965

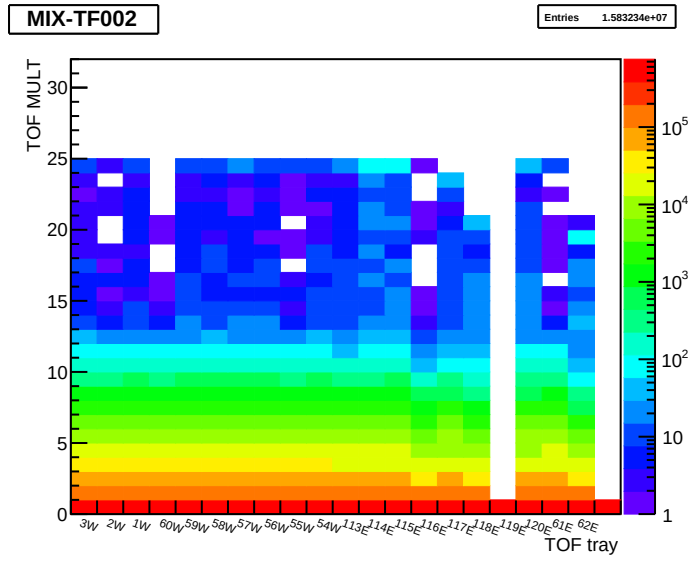

BunchId7Bit (EPD-TAC)
Entries 587073

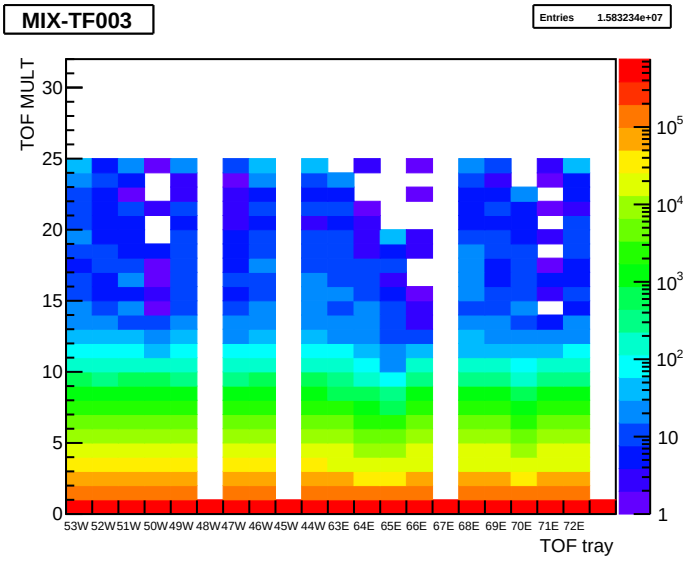

BunchId7Bit (BBC-TAC)
Entries 216095

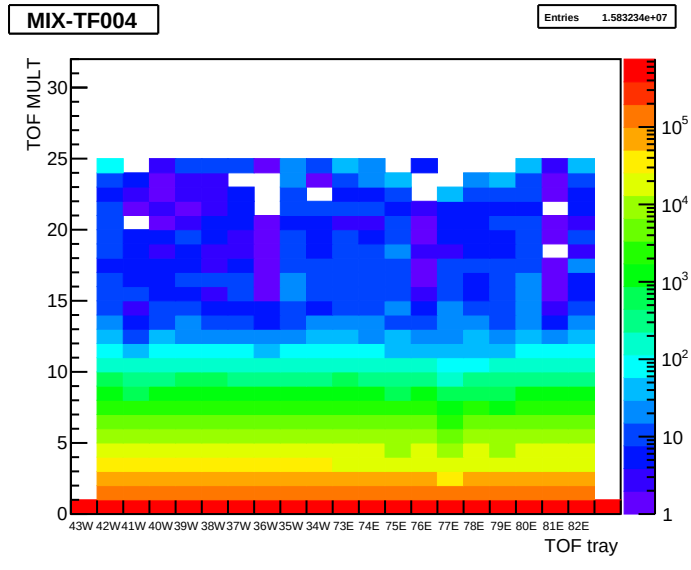

BunchId7Bit (Laser)
Entries 0

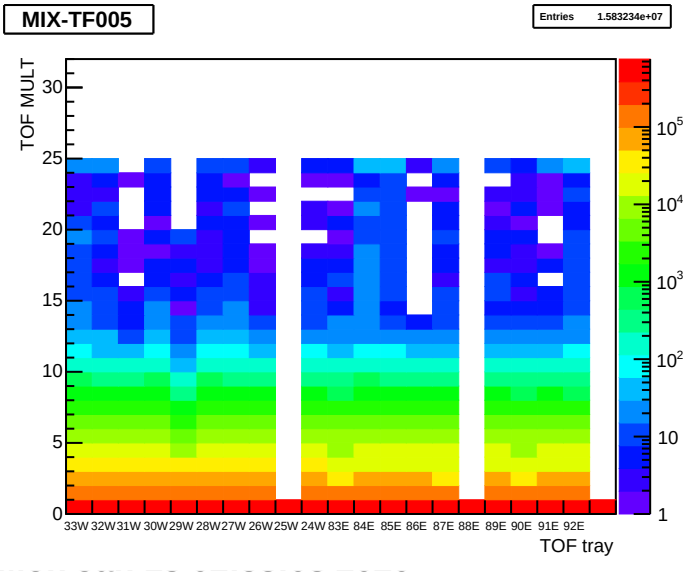

BunchId7Bit (TOFmult window)
Entries 22485

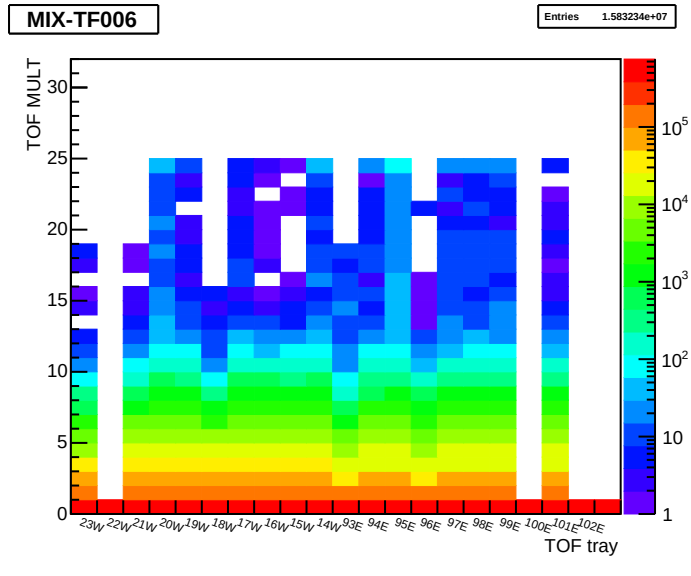

MIX-TF001
Entries 1.583234e+07
TOF MULT
TOF tray

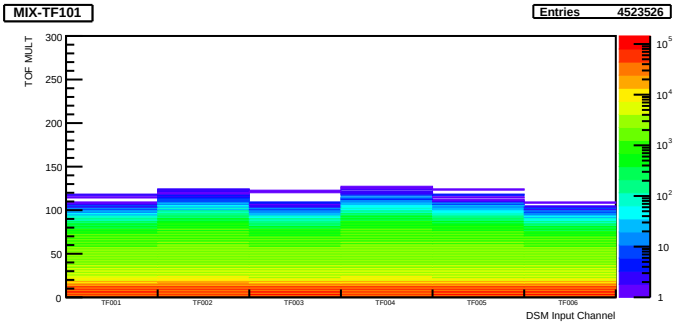

MIX-TF002
Entries 1.583234e+07
TOF MULT
TOF tray

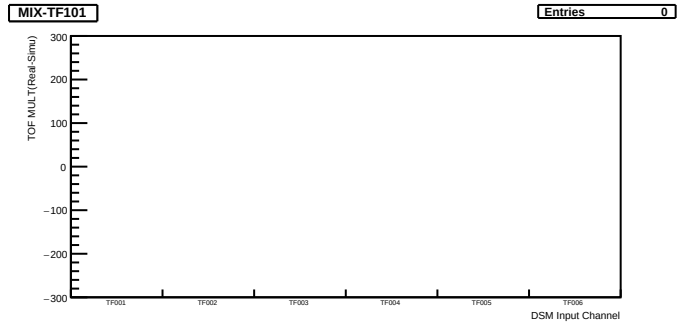

MIX-TF003
Entries 1.583234e+07
TOF MULT
TOF tray

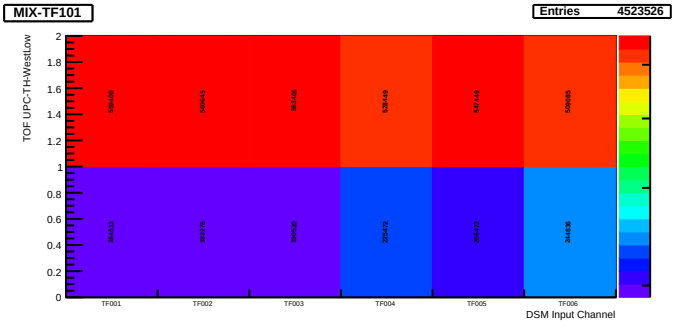

MIX-TF004
Entries 1.583234e+07
TOF MULT
TOF tray

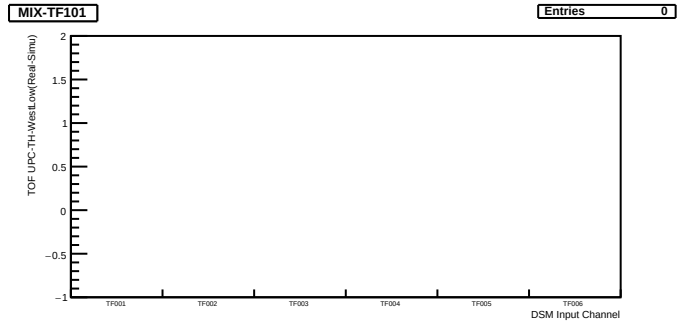

MIX-TF005
Entries 1.583234e+07
TOF MULT
TOF tray

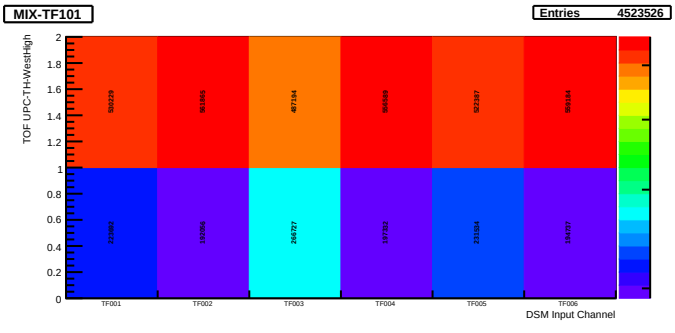

MIX-TF006
Entries 1.583234e+07
TOF MULT
TOF tray

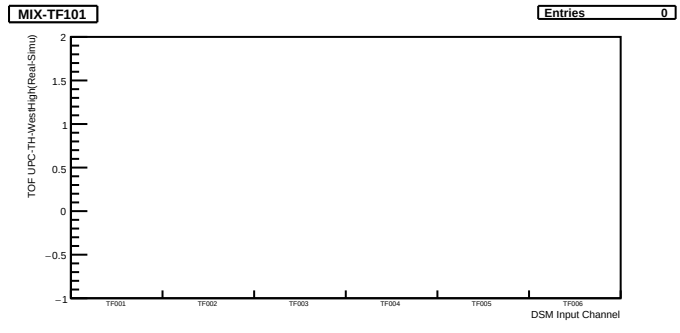

MIX-TF101
Entries 4523526
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

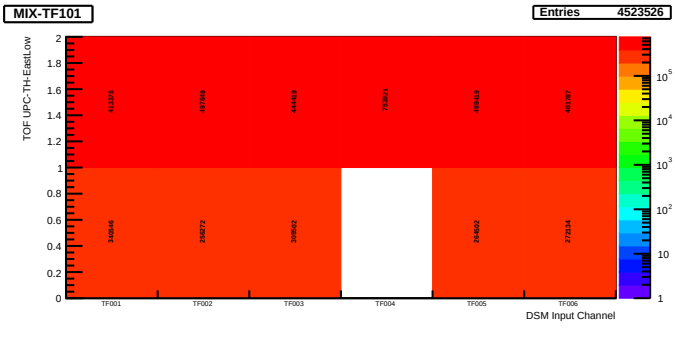

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

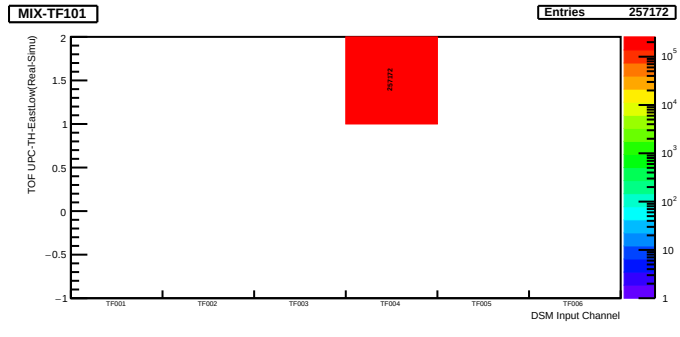

MIX-TF101
Entries 4523526
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

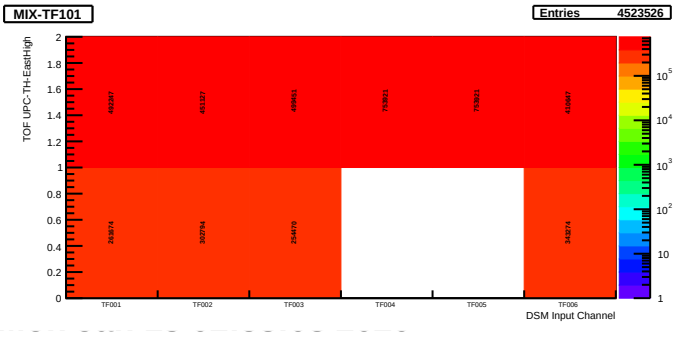

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

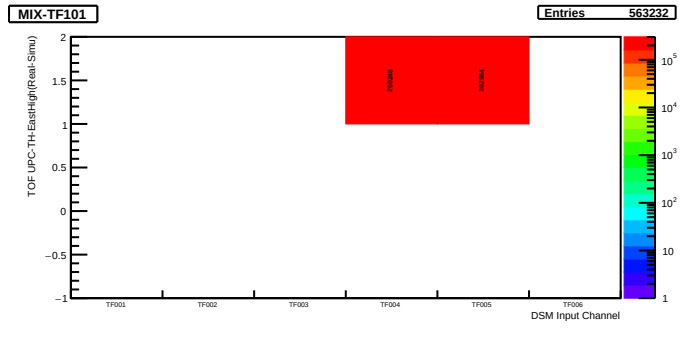

MIX-TF101
Entries 4523526
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

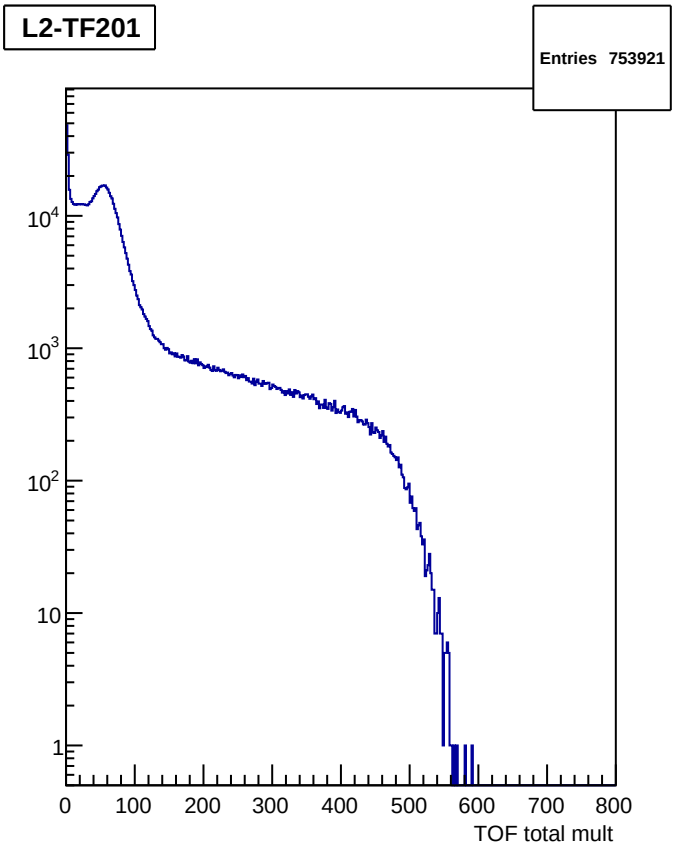

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

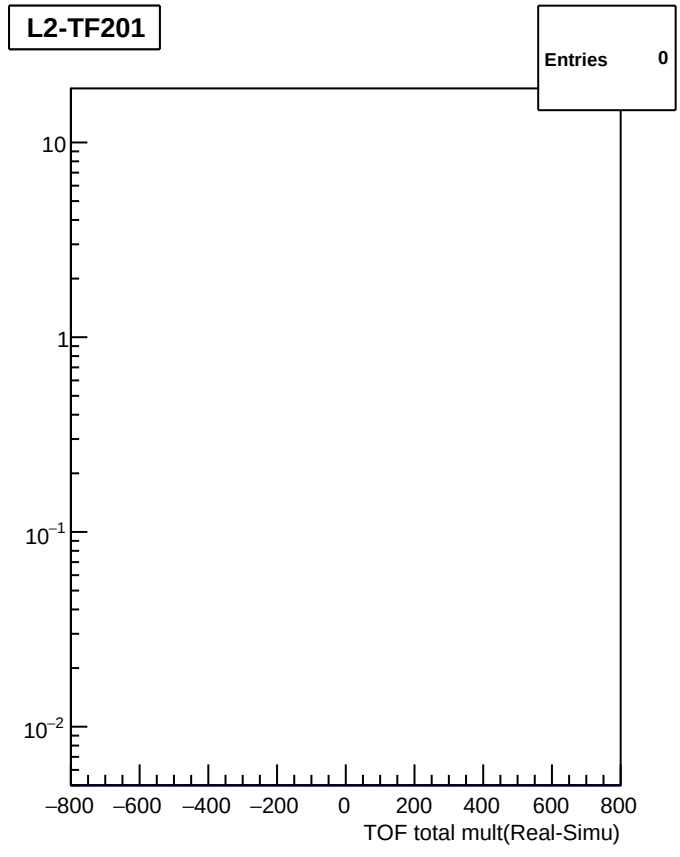

MIX-TF101
Entries 4523526
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

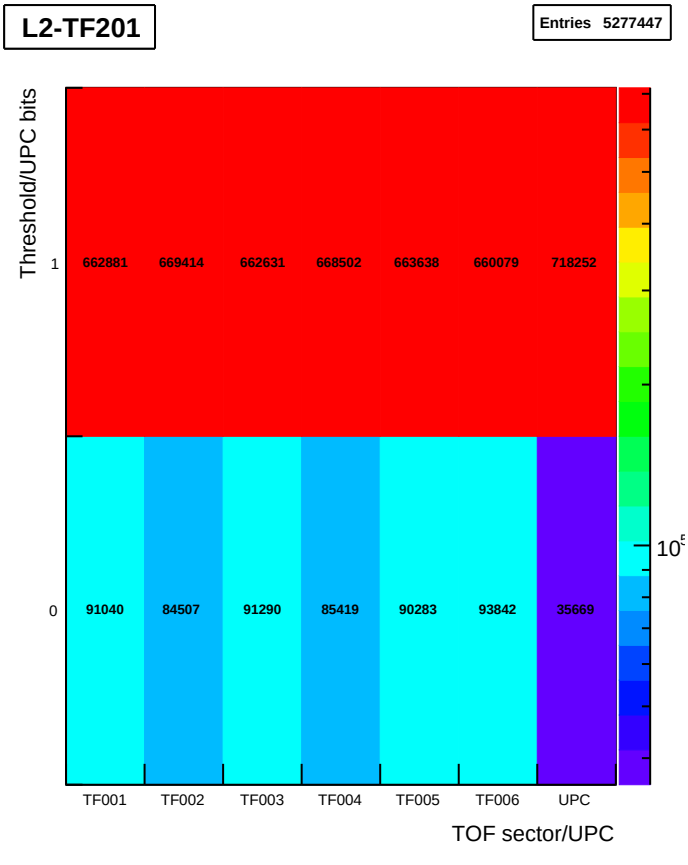

MIX-TF101
Entries 257172
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

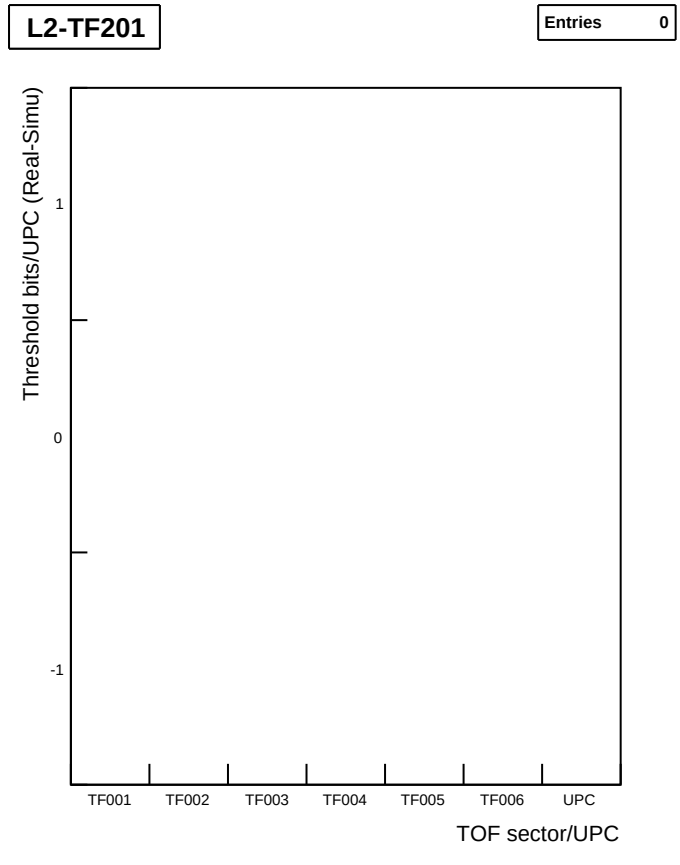

MIX-TF101
Entries 4523526
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

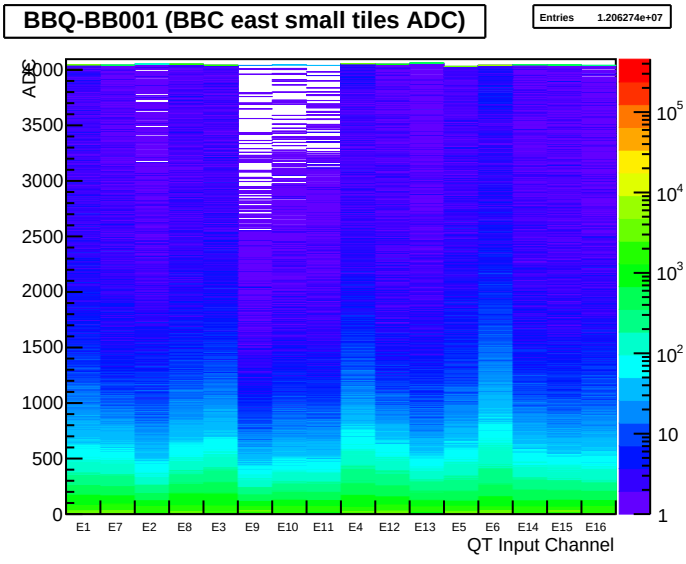

MIX-TF101
Entries 563232
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

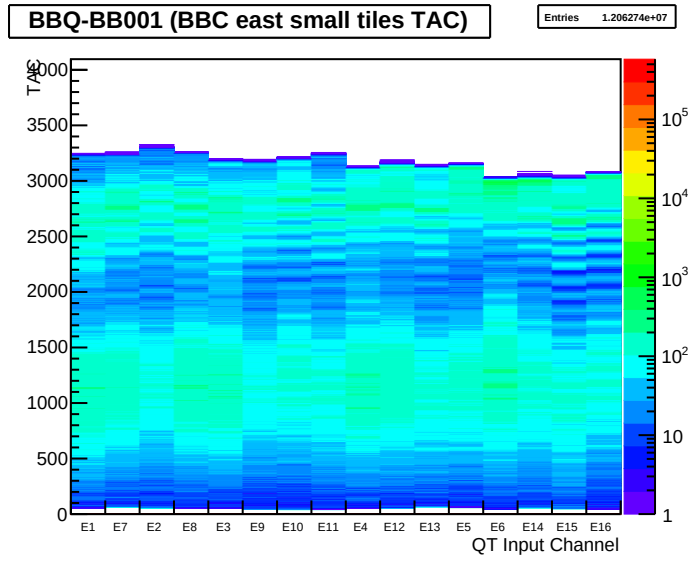

L2-TF201
Entries 753921
TOF total mult

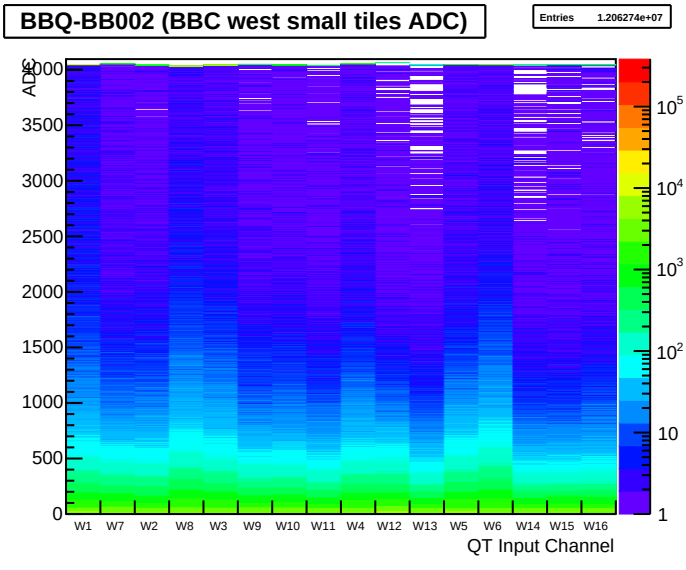

L2-TF201
Entries 0
TOF total mult(Real-Simu)

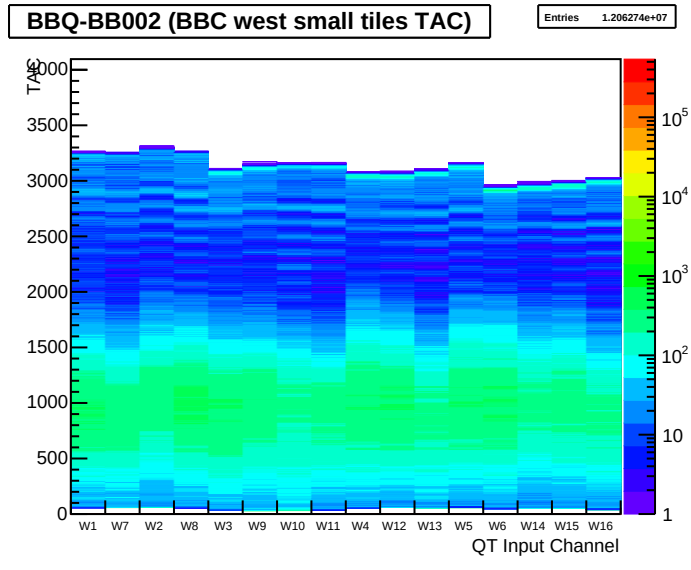

L2-TF201
Entries 5277447
Threshold/UPC bits
662881
669414
662631
668502
663638
660079
718252
91040
84507
91290
85419
90283
93842
35669
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

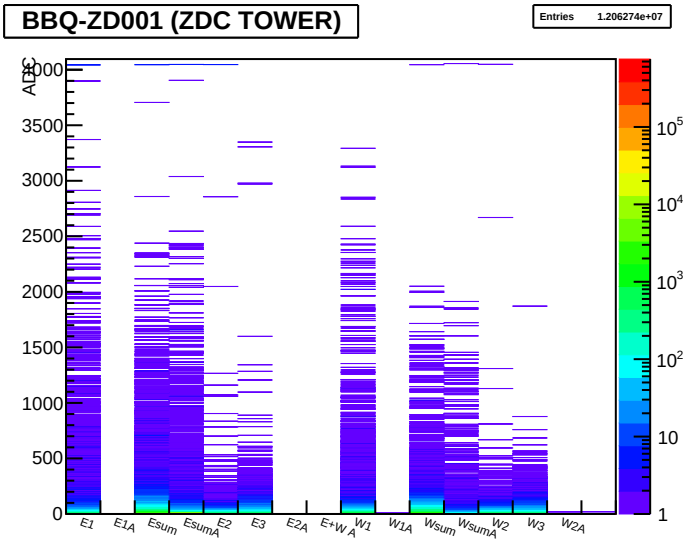

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

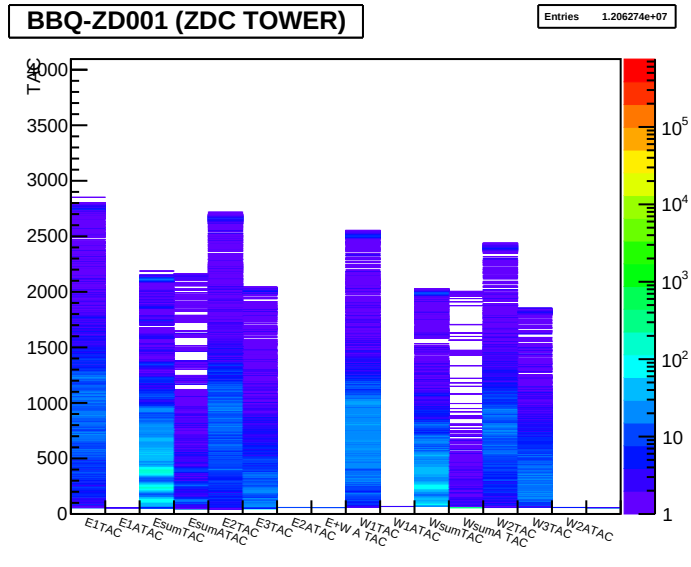

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.206274e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

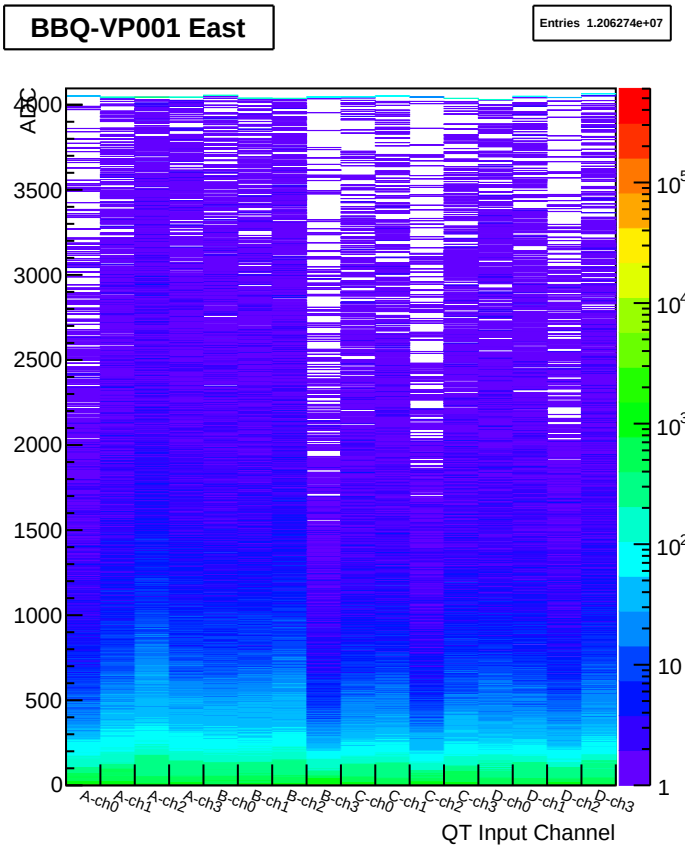

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.206274e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

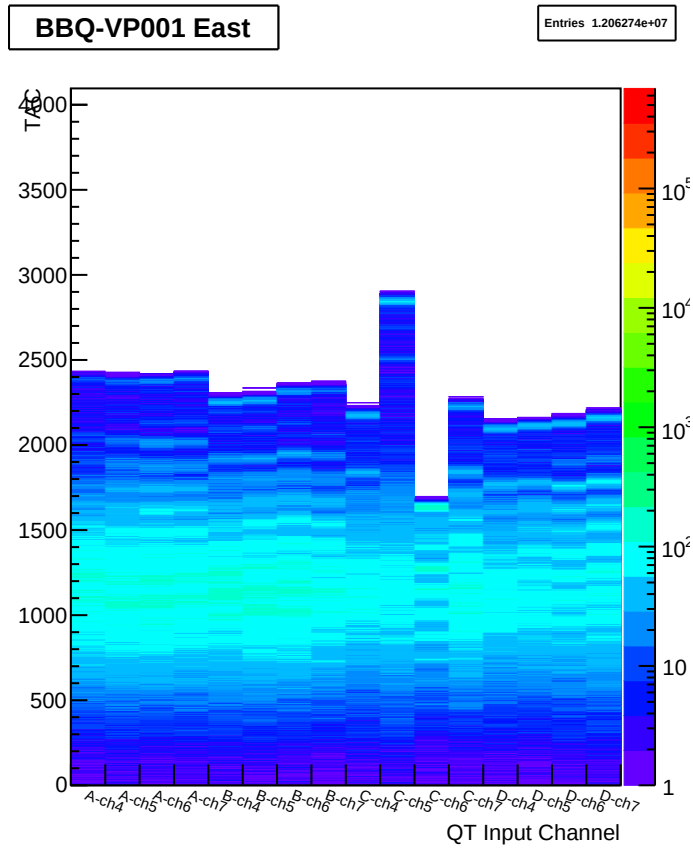

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.206274e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

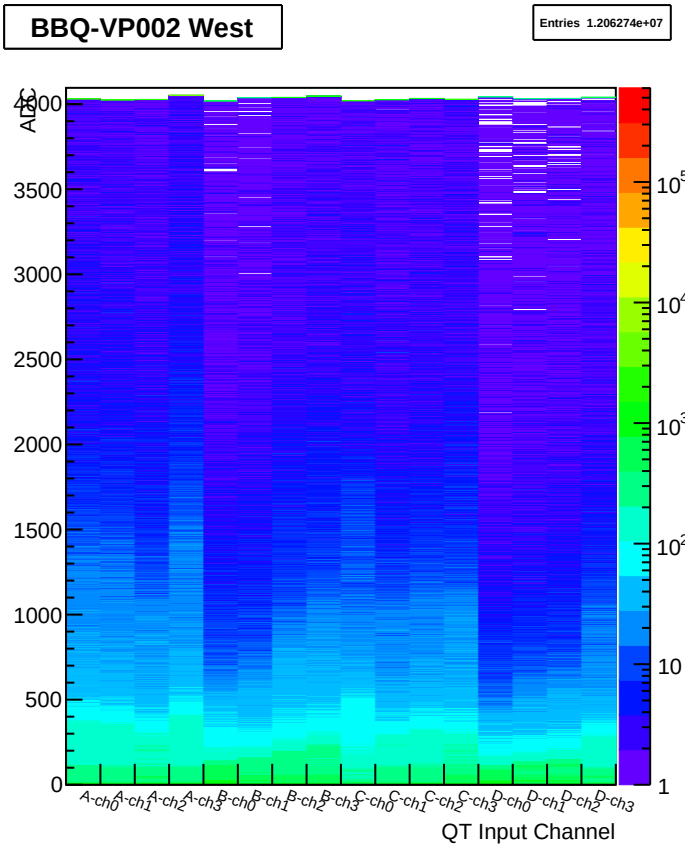

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.206274e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

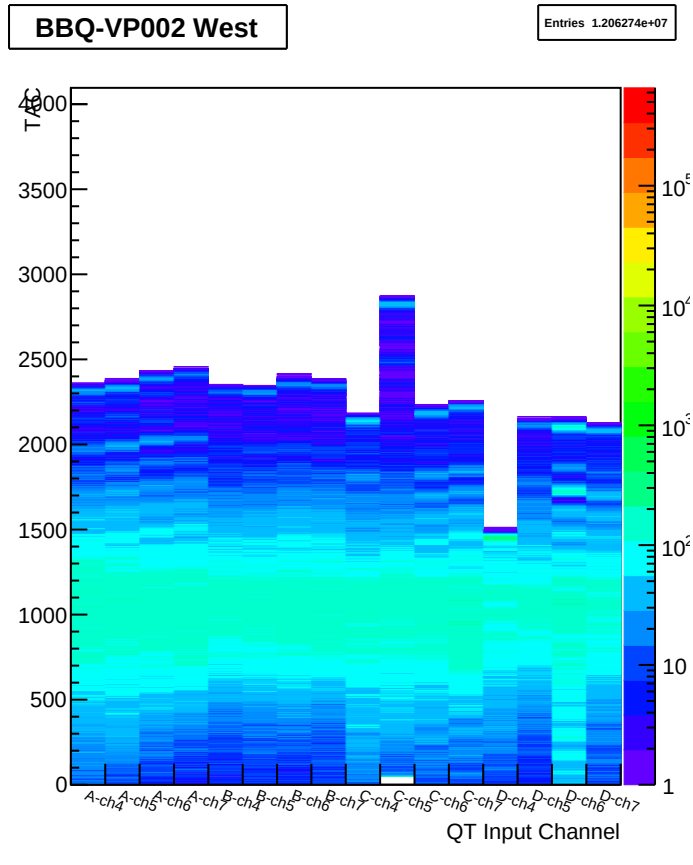

BBQ-ZD001 (ZDC TOWER)
Entries 1.206274e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

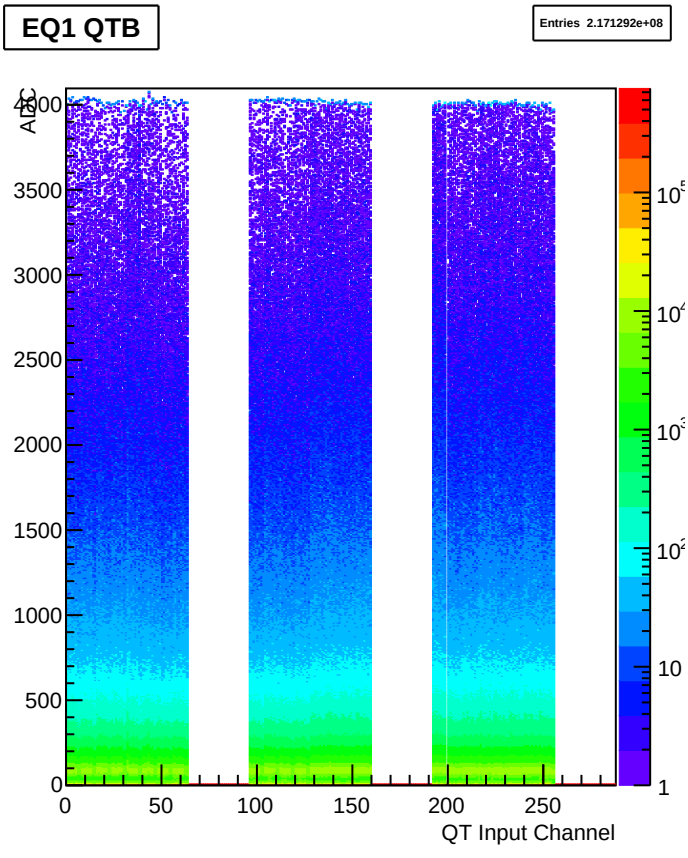

BBQ-ZD001 (ZDC TOWER)
Entries 1.206274e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

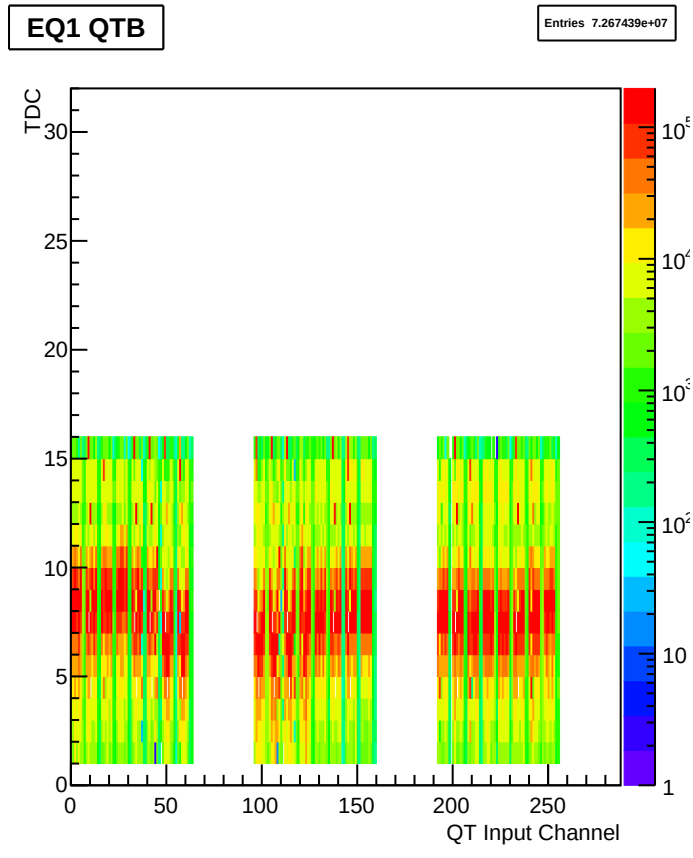

BBQ-VP001 East
Entries 1.206274e+07
ADC
QT Input Channel

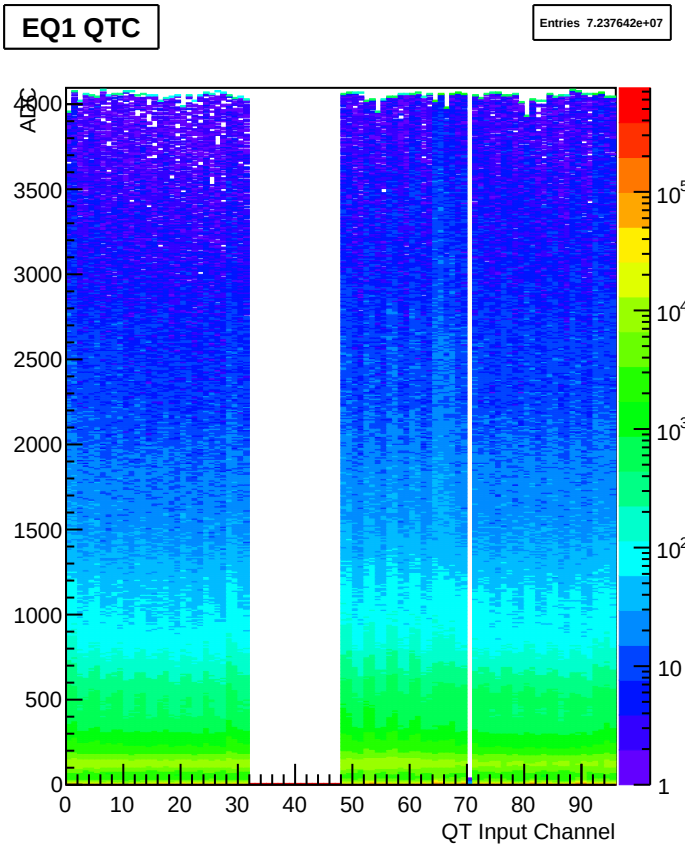

BBQ-VP001 East
Entries 1.206274e+07
TAC
QT Input Channel

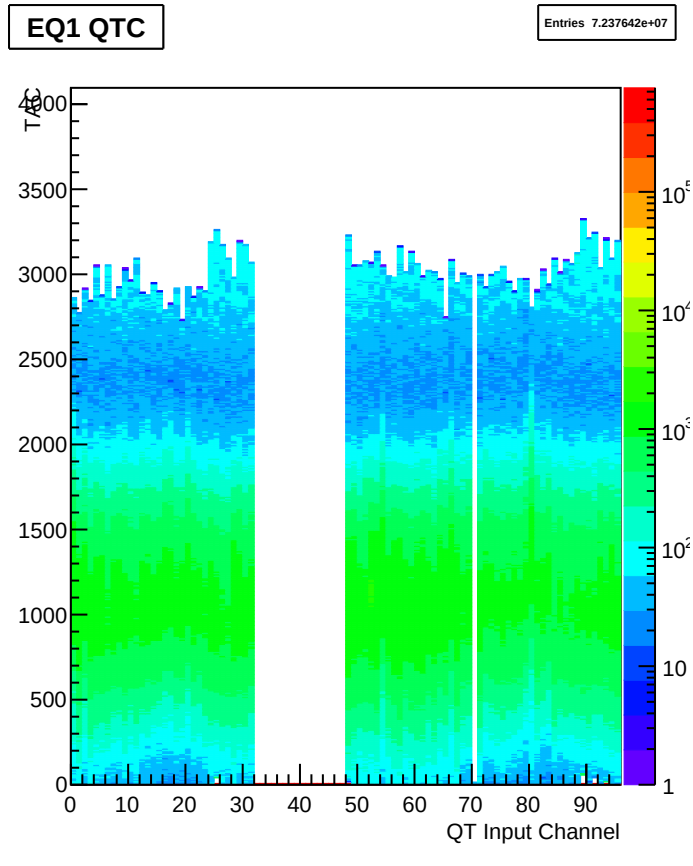

BBQ-VP002 West
Entries 1.206274e+07
ADC
QT Input Channel

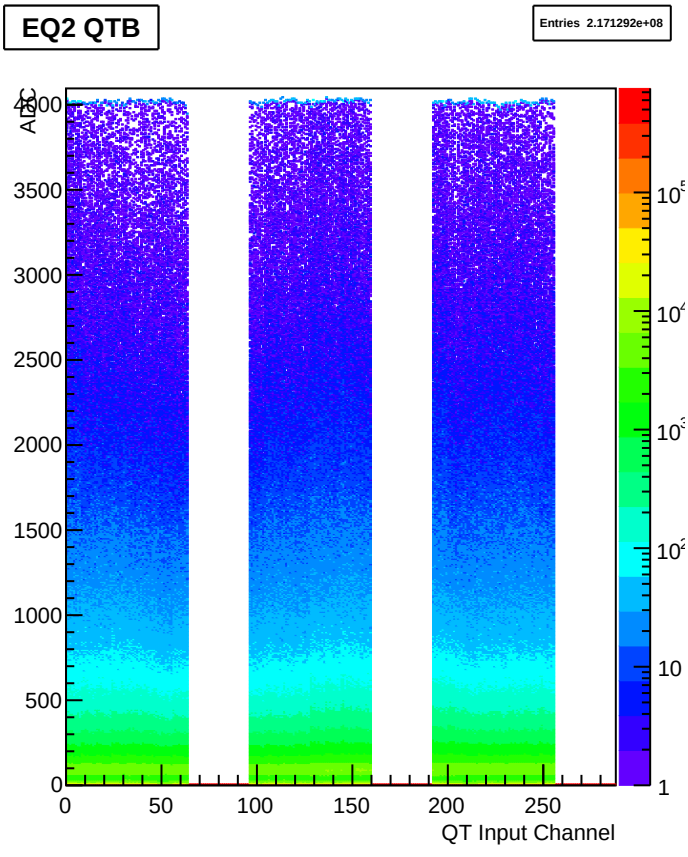

BBQ-VP002 West
Entries 1.206274e+07
TAC
QT Input Channel

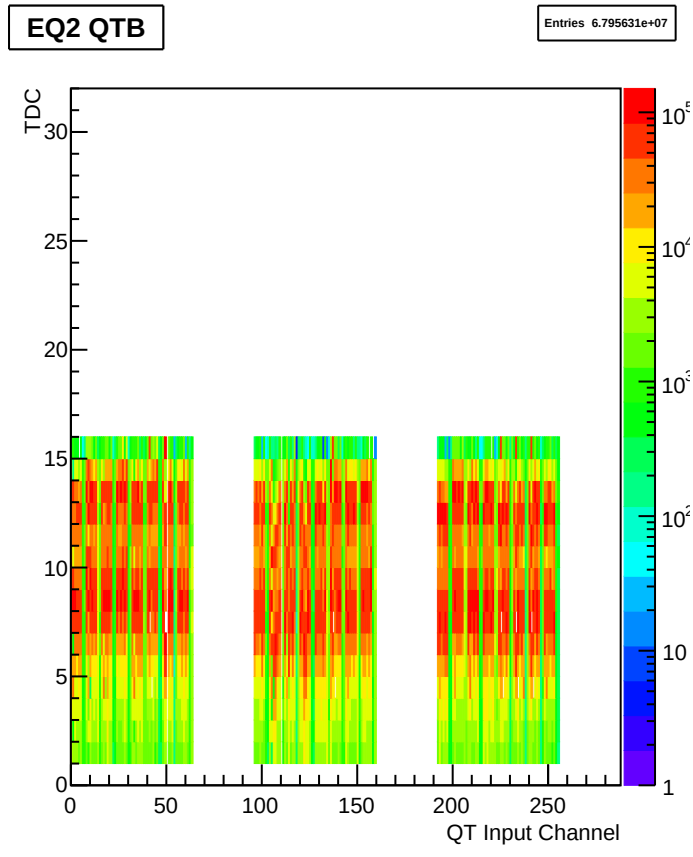

EQ1 QTB
Entries 2.171292e+08
ADC
QT Input Channel

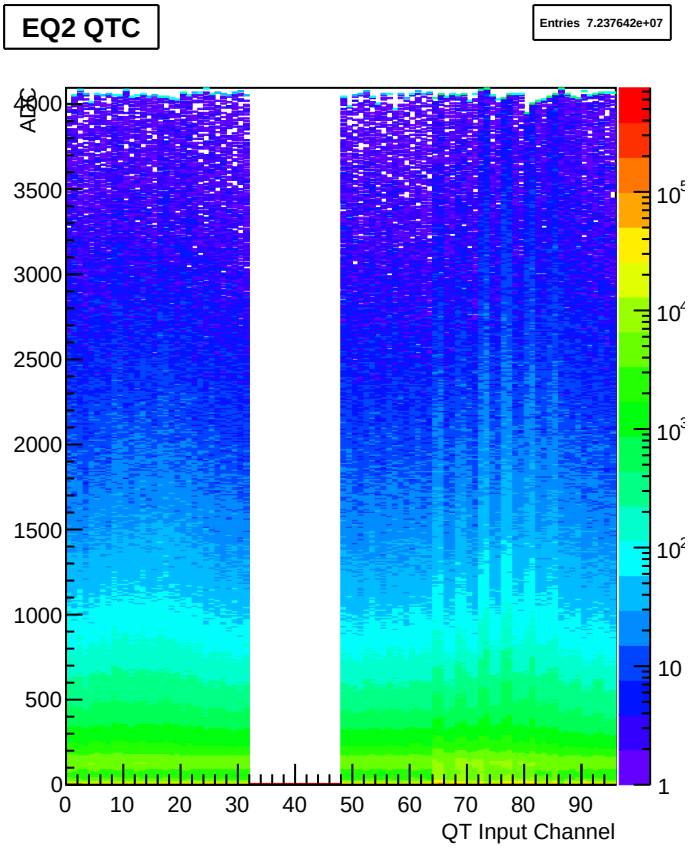

EQ1 QTB
Entries 7.267439e+07
TDC
QT Input Channel

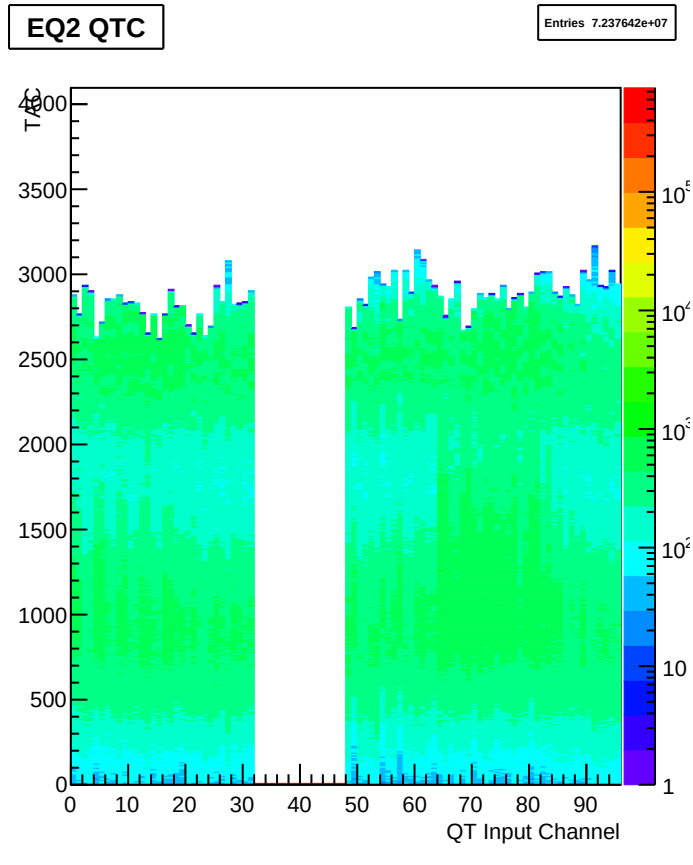

EQ1 QTC
Entries 7.237642e+07
ADC
QT Input Channel

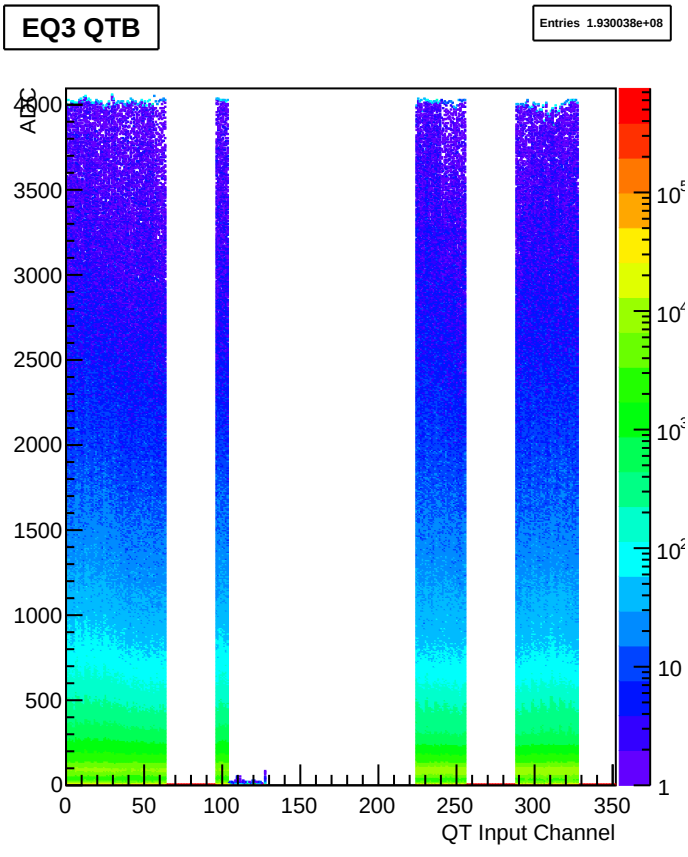

EQ1 QTC
Entries 7.237642e+07
TADC
QT Input Channel

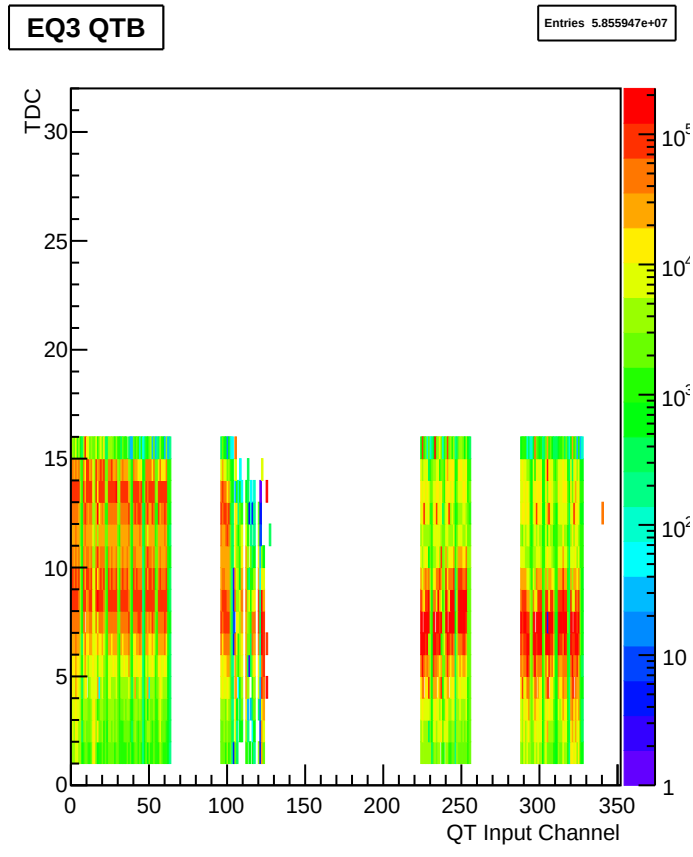

EQ2 QTB
Entries 2.171292e+08
ADC
QT Input Channel

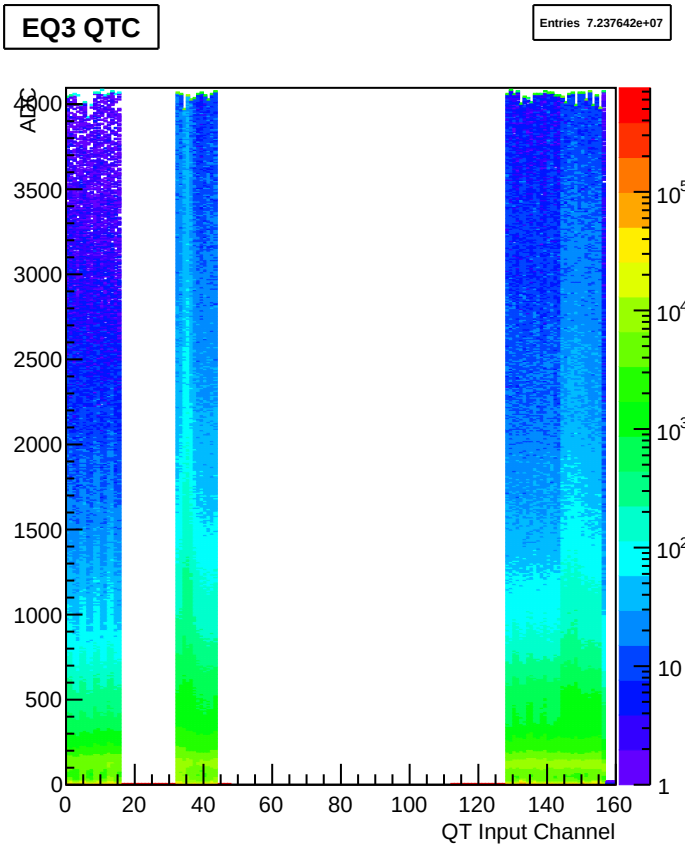

EQ2 QTB
Entries 6.795631e+07
TDC
QT Input Channel

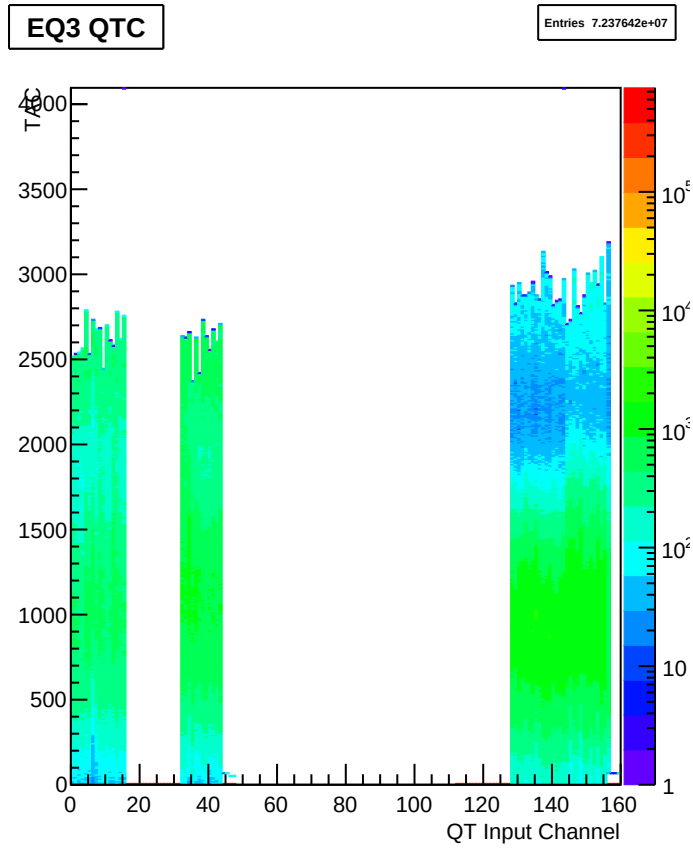

EQ2 QTC
Entries 7.237642e+07
ADC
QT Input Channel

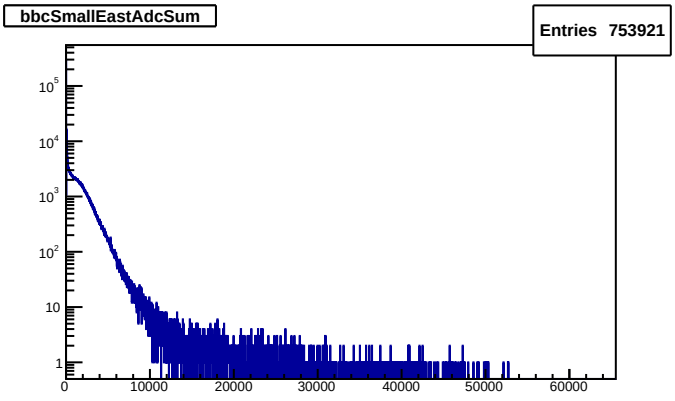

EQ2 QTC
Entries 7.237642e+07
TADC
QT Input Channel

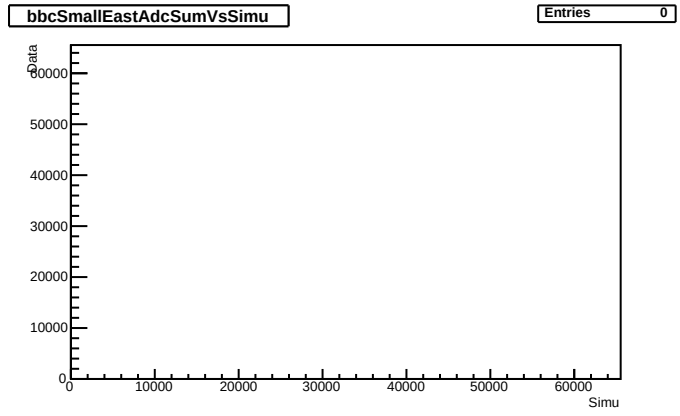

EQ3 QTB
Entries 1.930038e+08
ADC
QT Input Channel

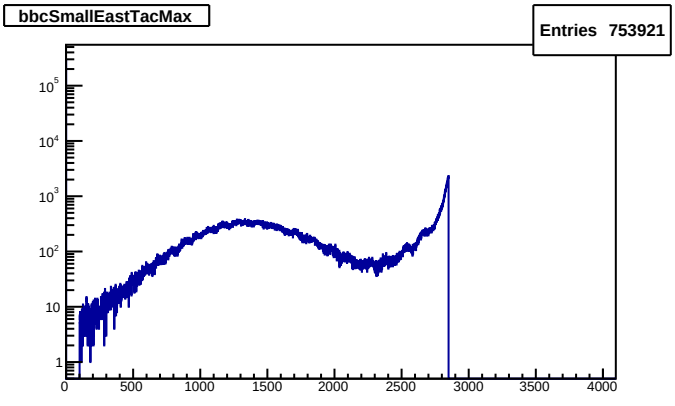

EQ3 QTB
Entries 5.855947e+07
TDC
QT Input Channel

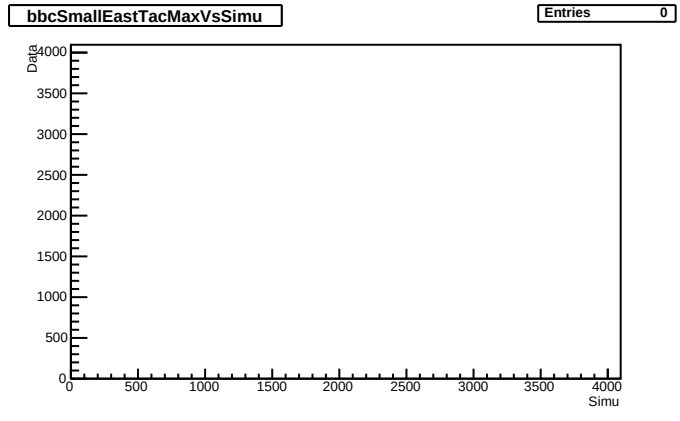

EQ3 QTC
Entries 7.237642e+07
ADC
QT Input Channel


EQ3 QTC
Entries 7.237642e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 753921


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 753921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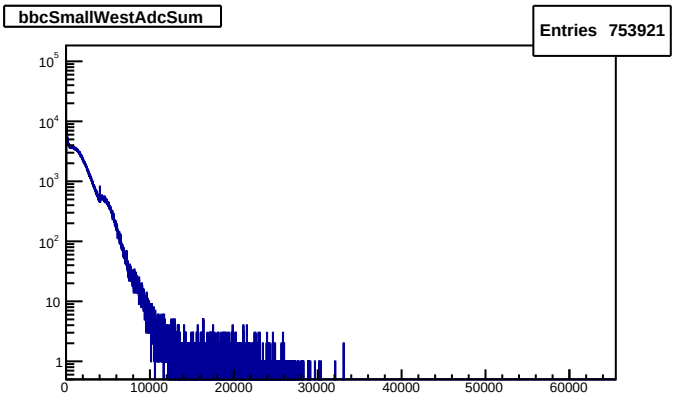
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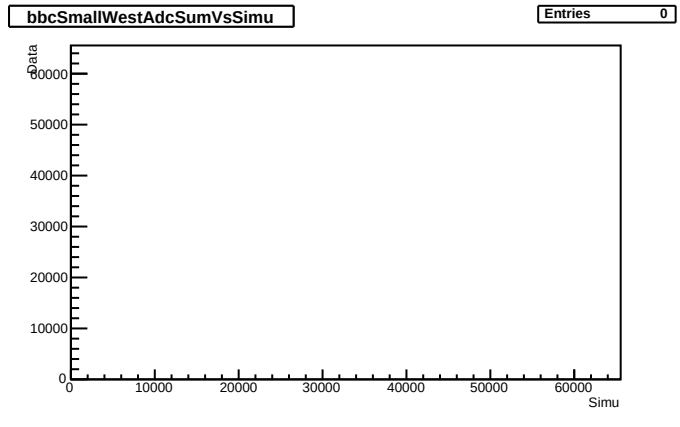
Entries 753921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Entries 0
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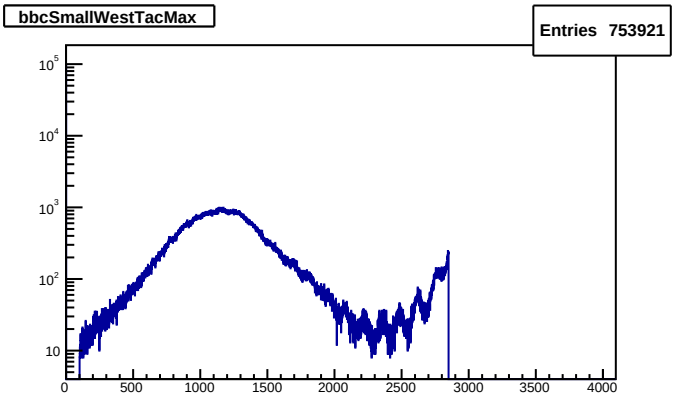
Simu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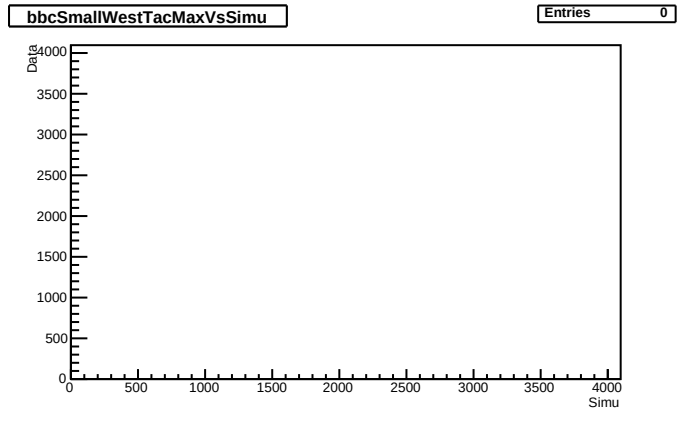
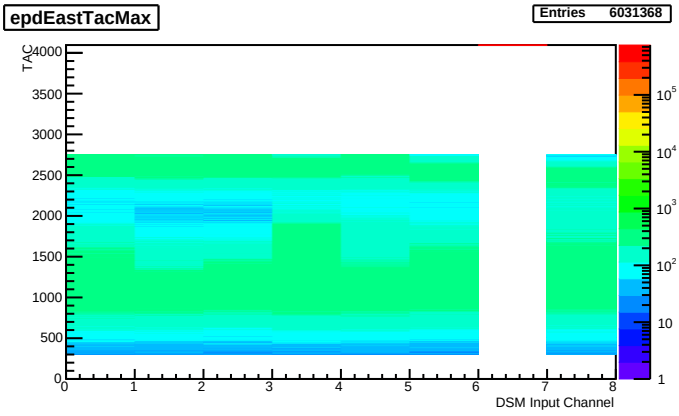
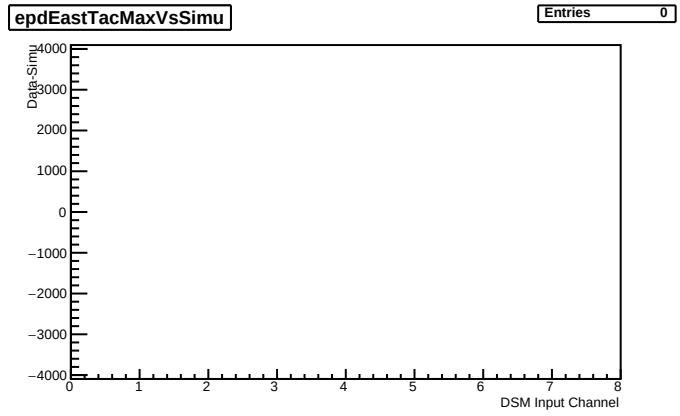
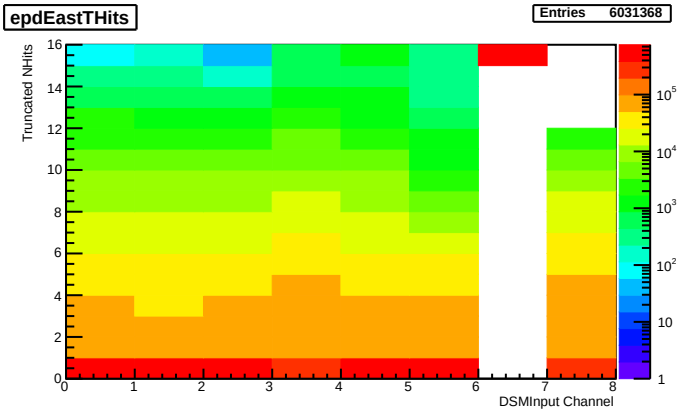
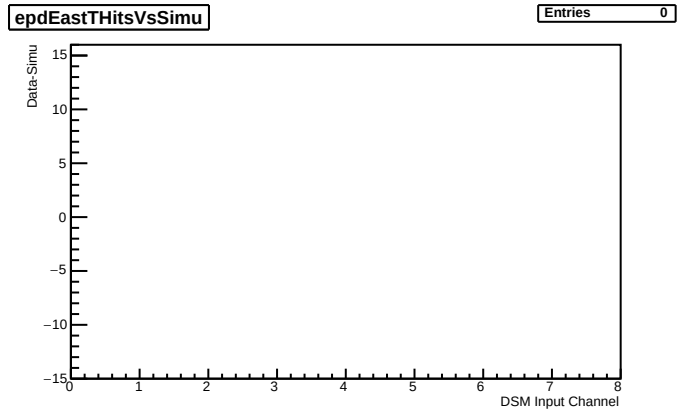
Entries 753921


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 6031368
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 6031368
Truncated NHits
DSMInput Channel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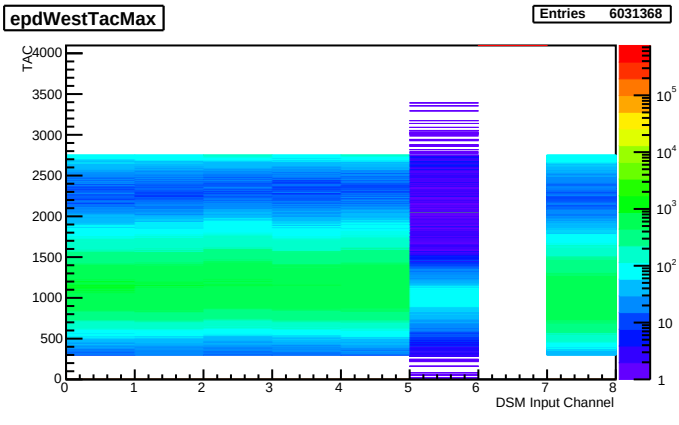
DSM Input Channel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Entries 6031368
TAC
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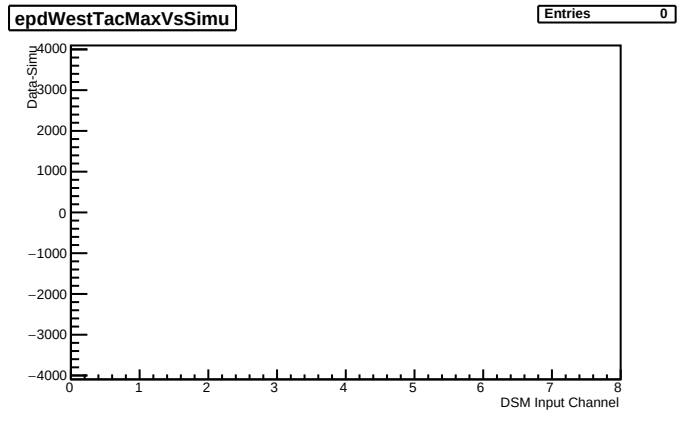
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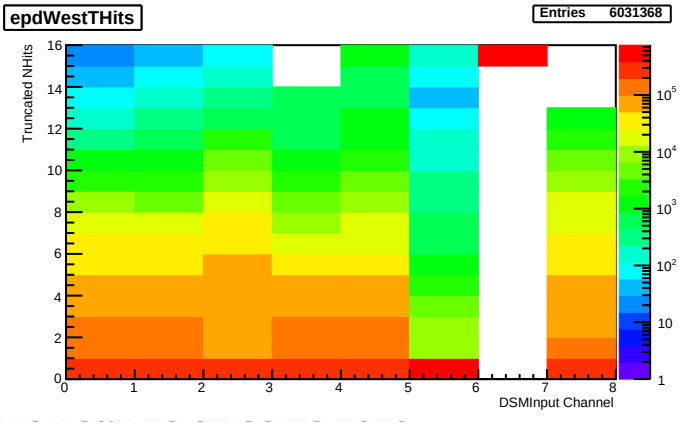
Data-Simu
DSM Input Channel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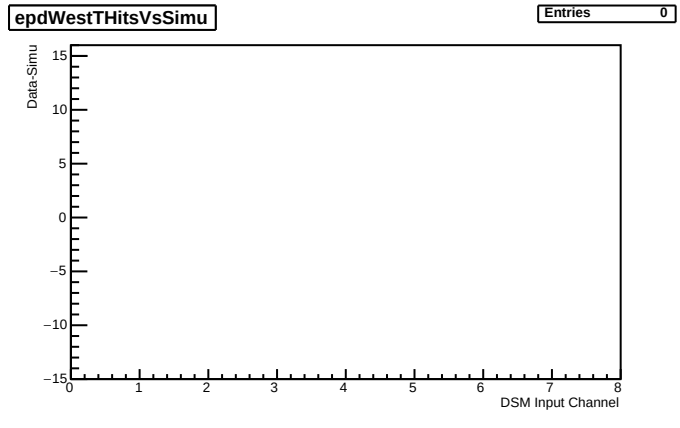
Entries 6031368
Truncated NHits
DSMInput Channel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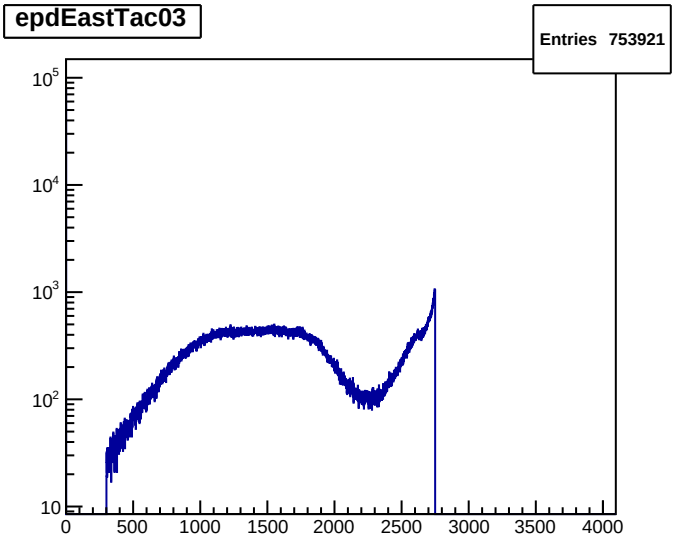
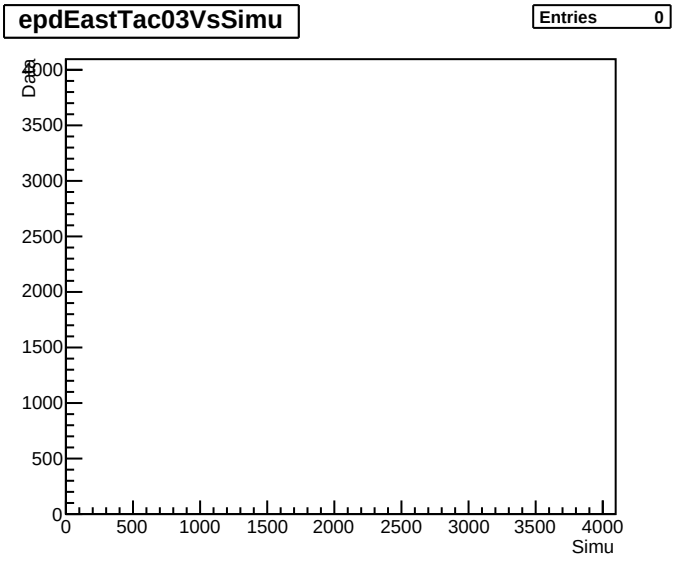
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 753921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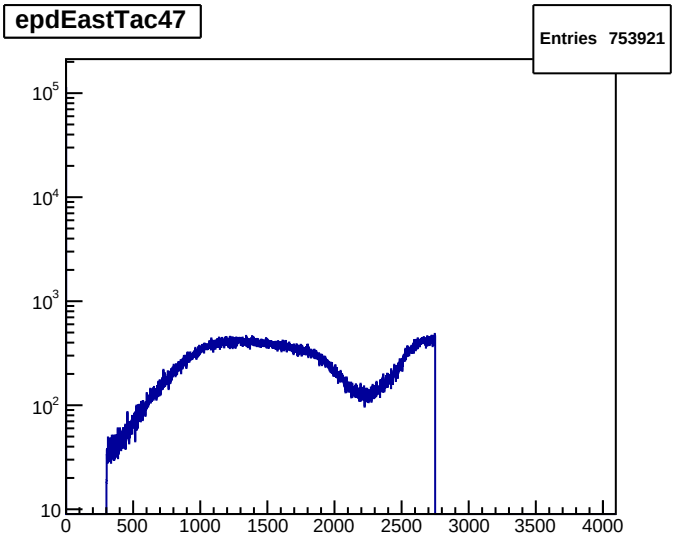
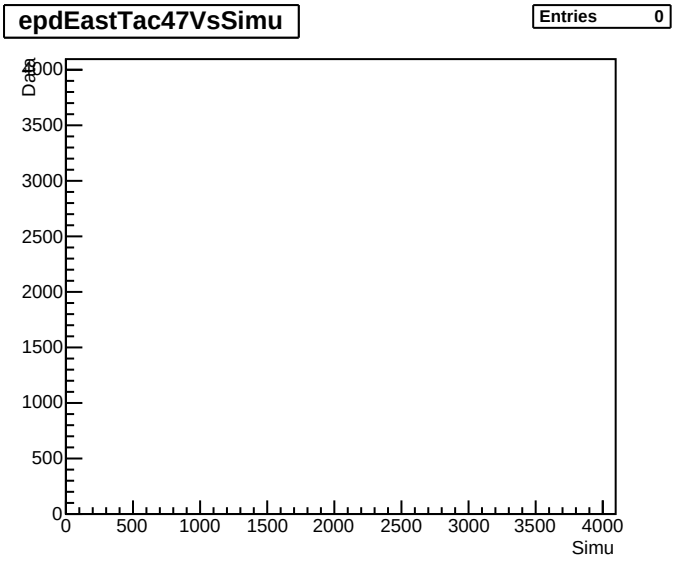
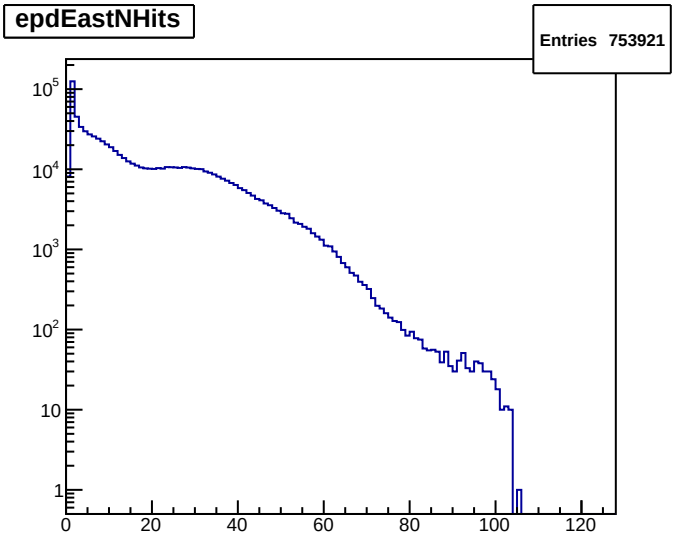
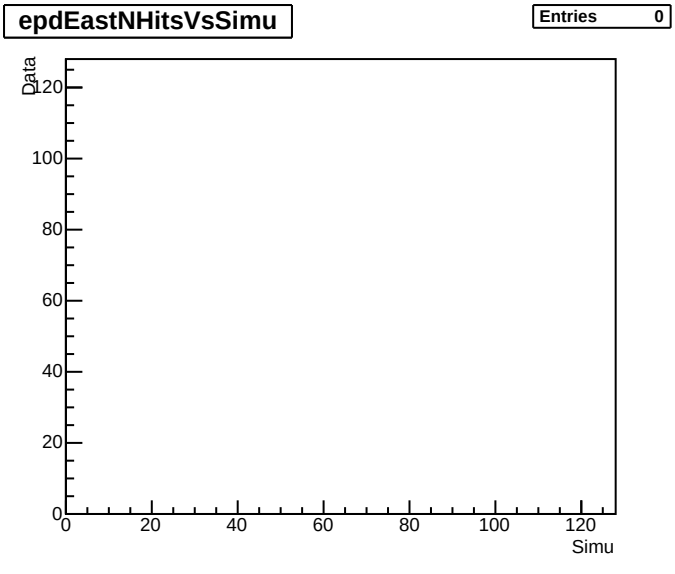
Entries 0
Data
Simu


epdEastTac47
Entries 753921


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 753921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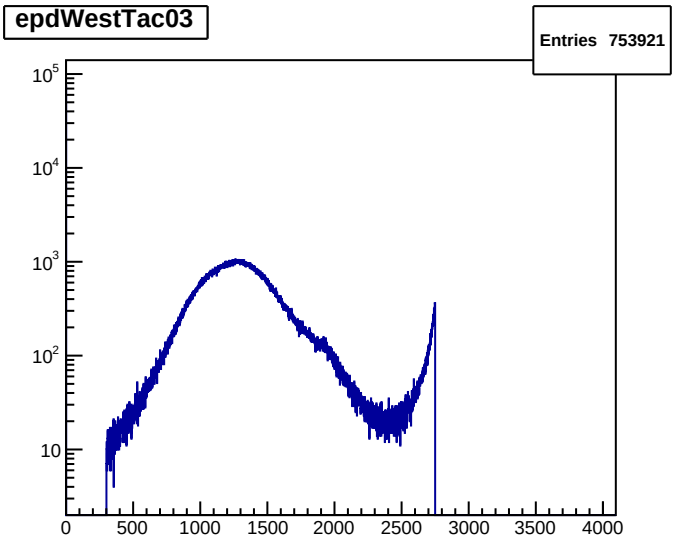
Entries 0
Data
Simu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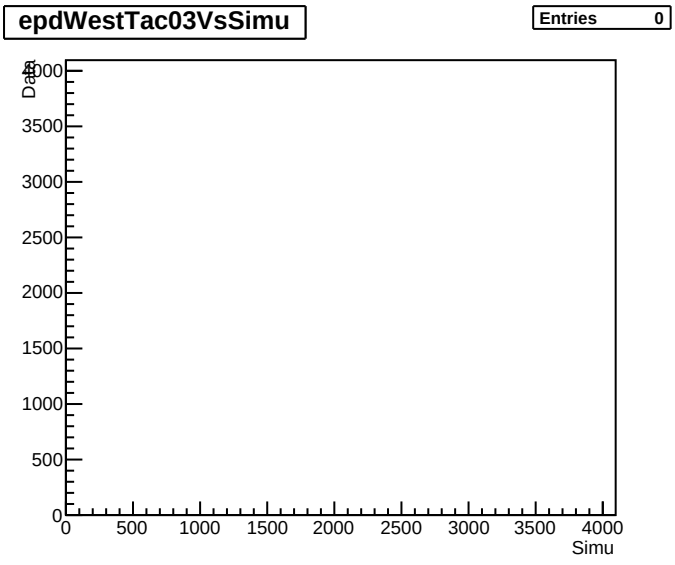
Entries 753921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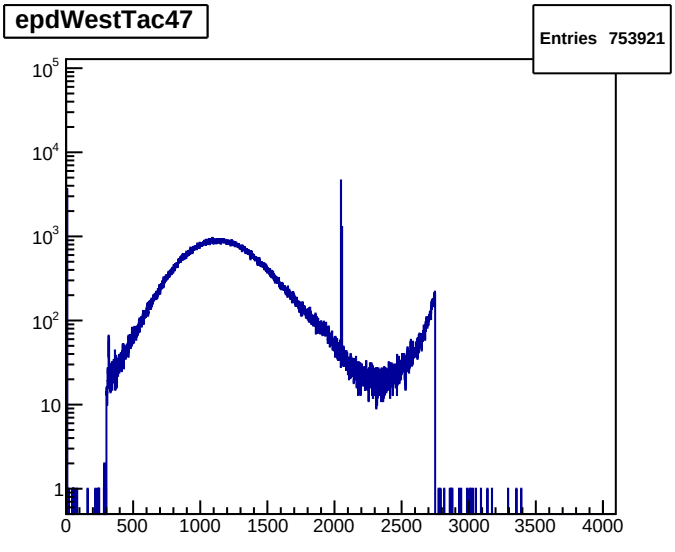
Entries 0
Data
Simu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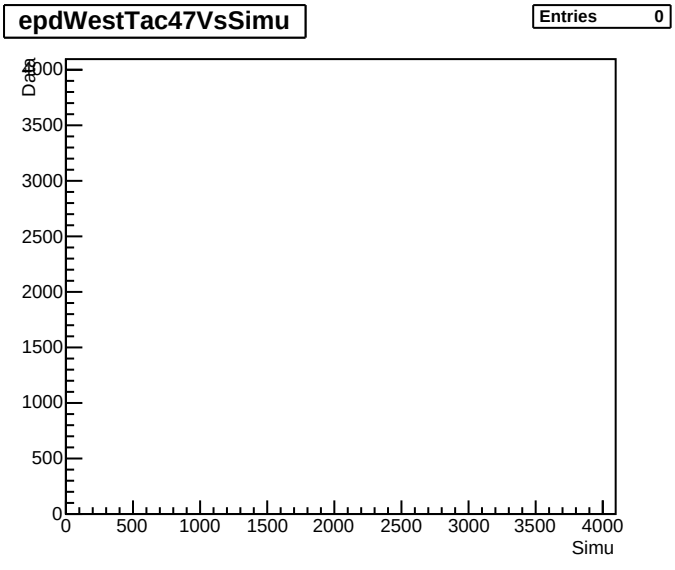
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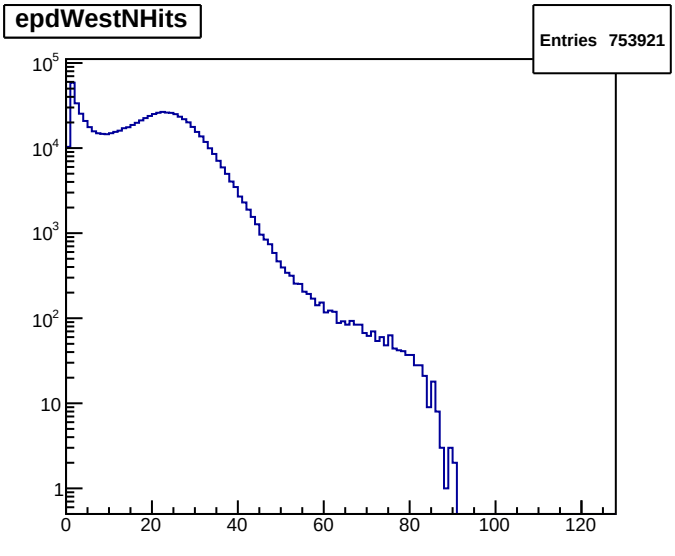
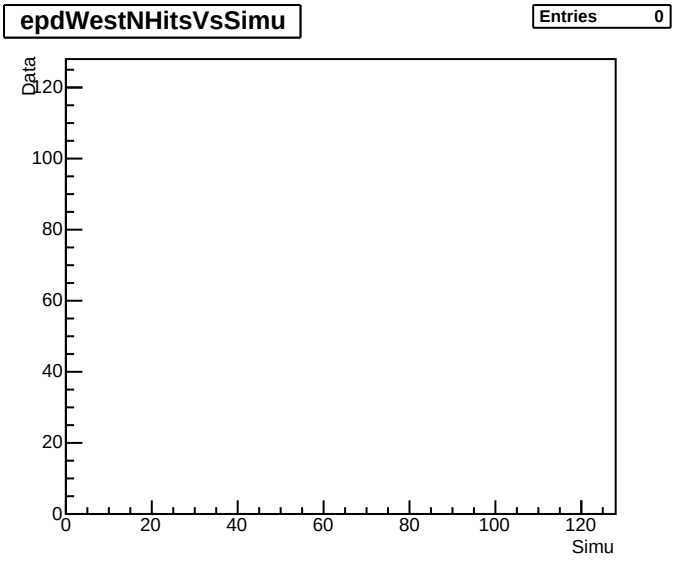
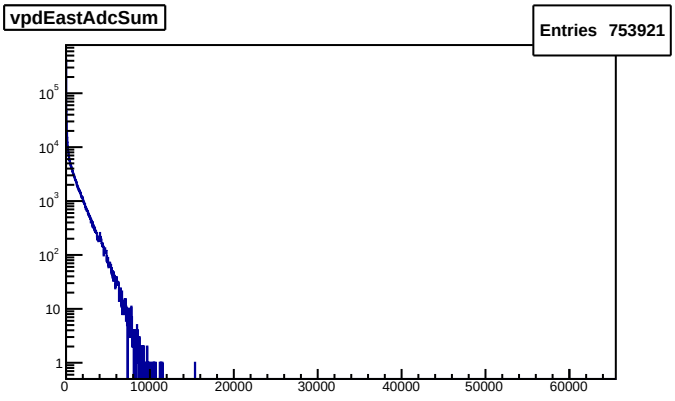
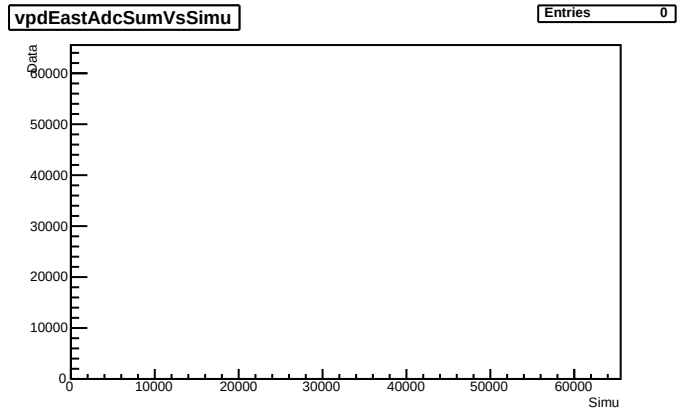
Entries 0
Data
Simu


epdWestNHits
Entries 753921


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 753921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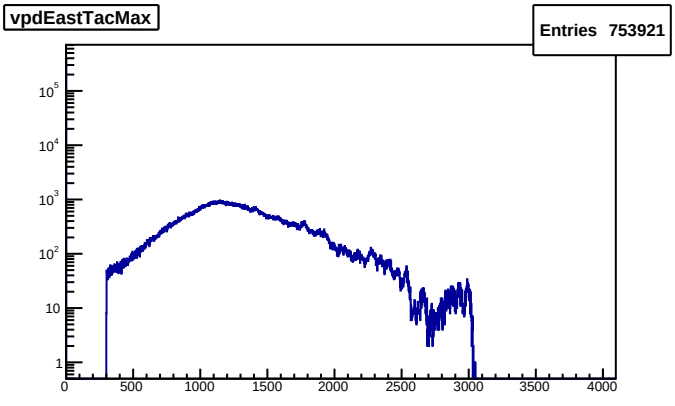
Entries 0
Data
Simu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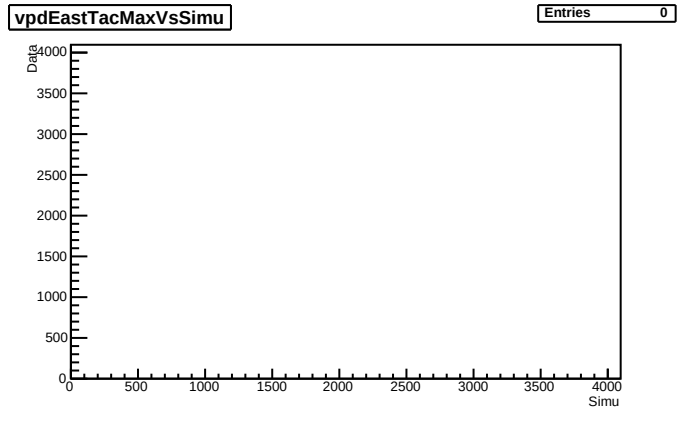
Entries 753921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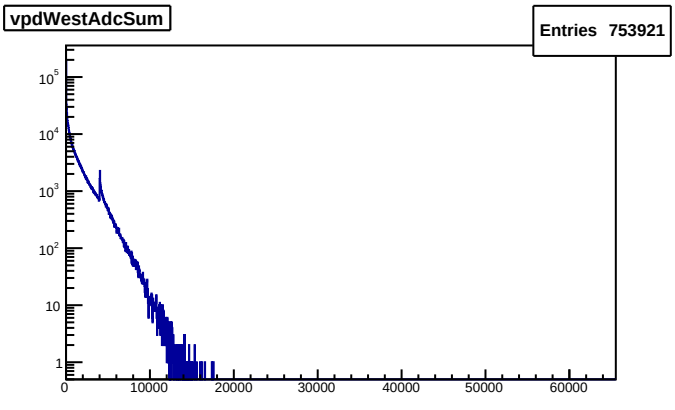
Entries 0
Data
Simu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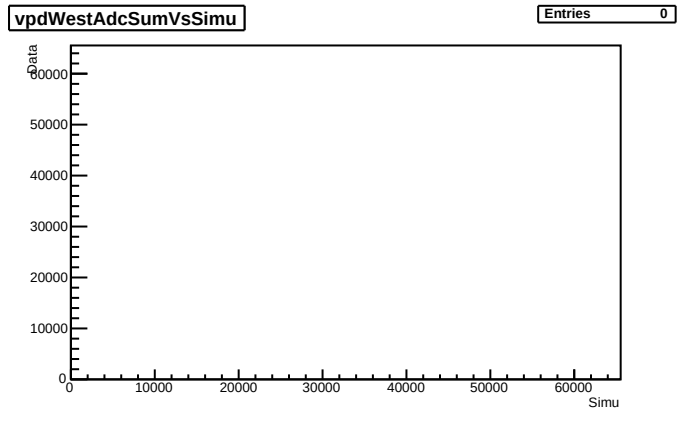
Entries 753921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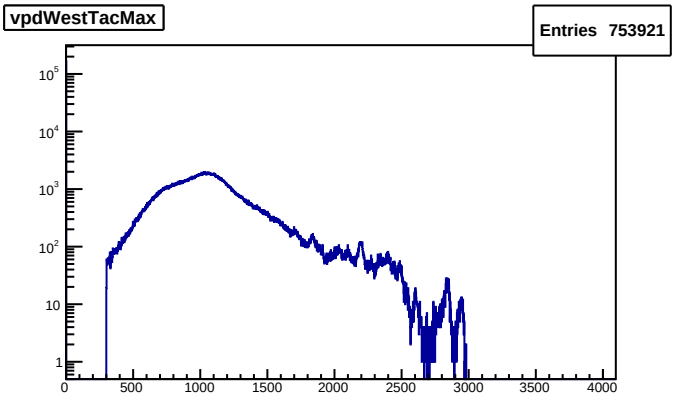
Entries 0
Data
Simu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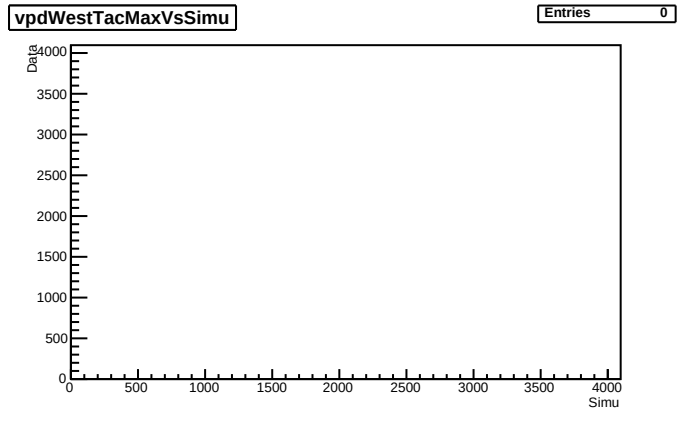
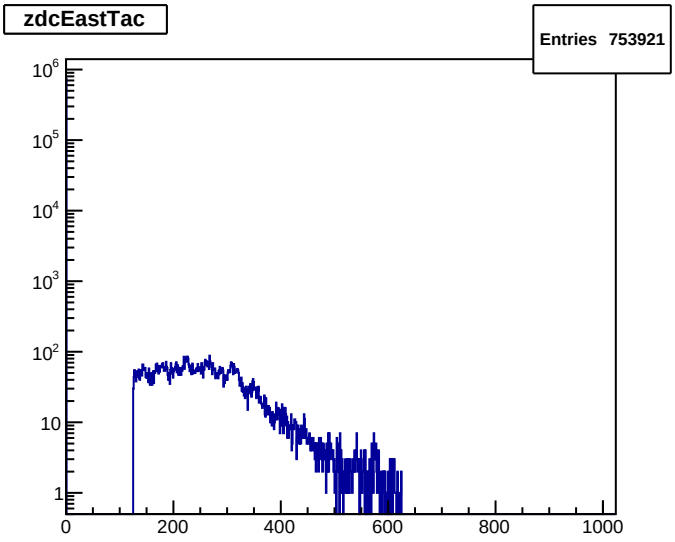
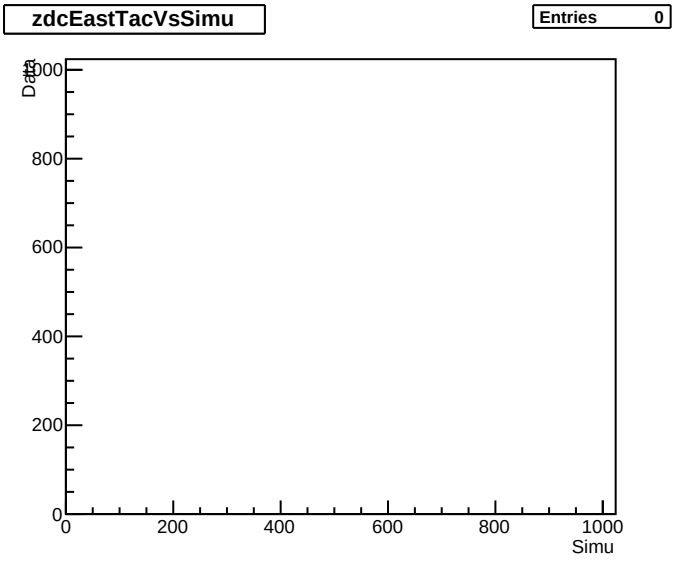
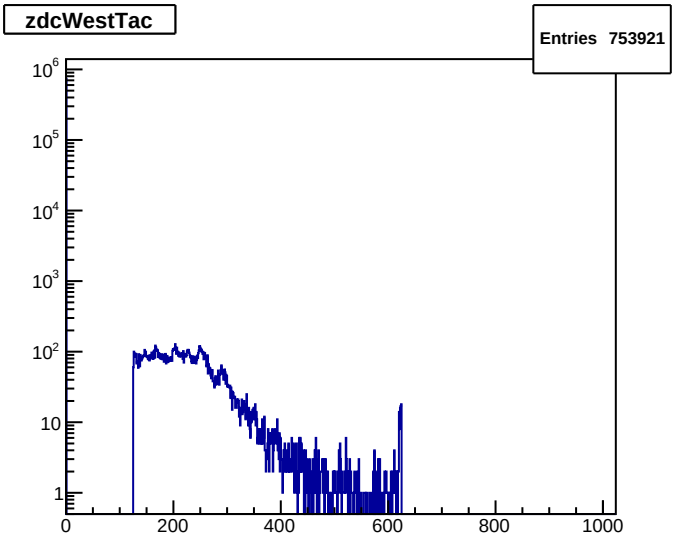
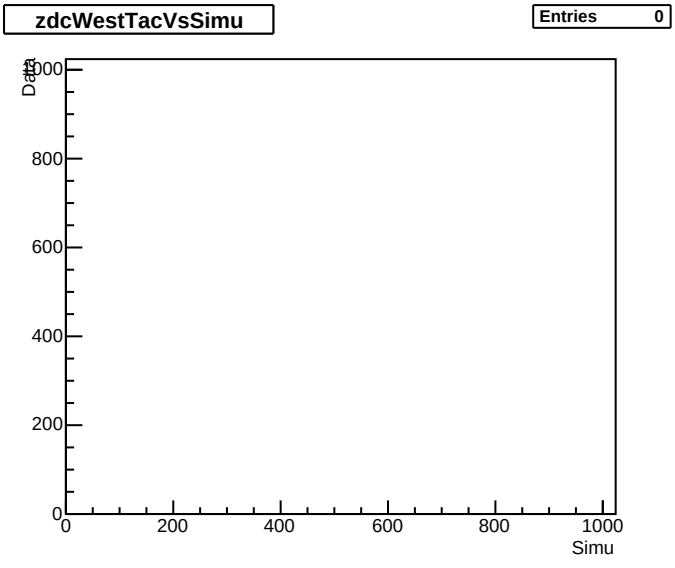
Entries 753921

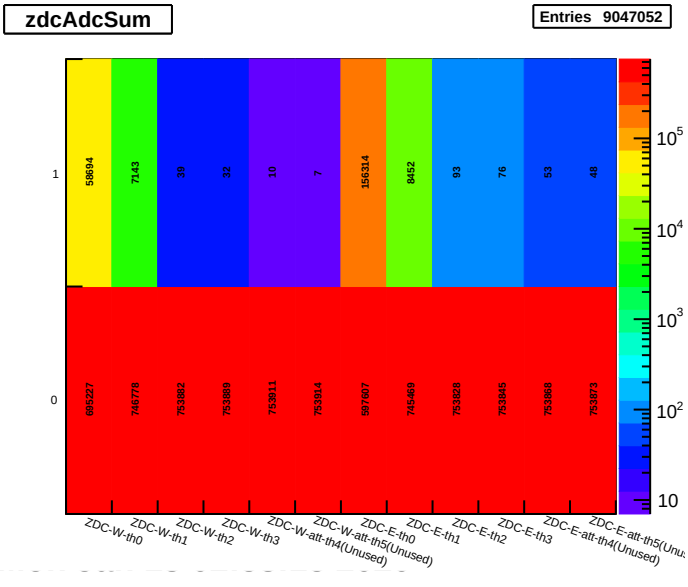

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

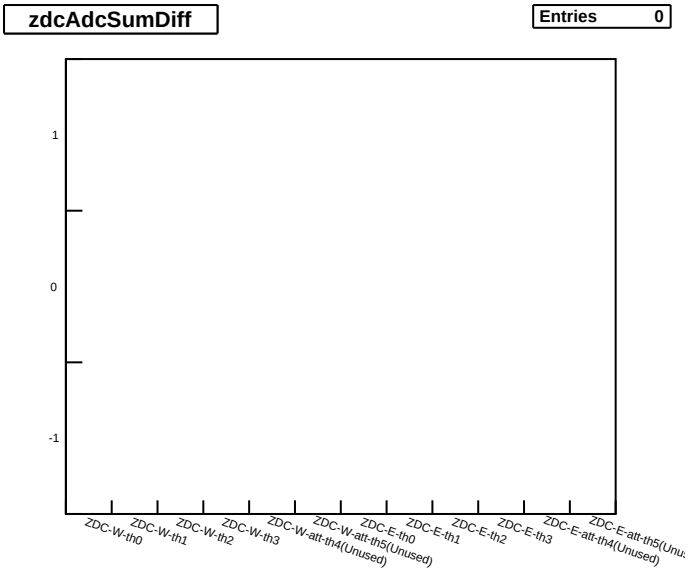

zdcEastTac
Entries 753921

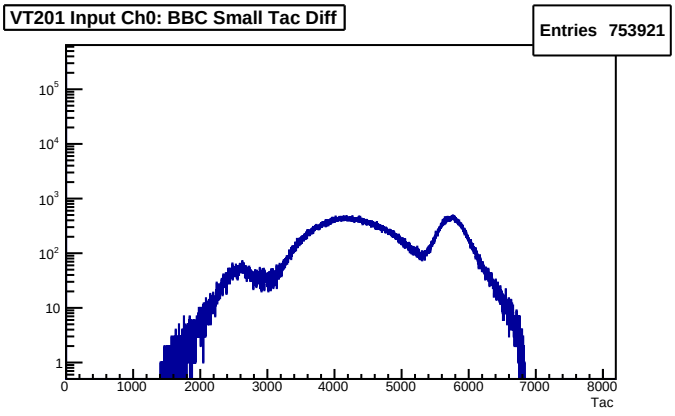

zdcEastTacVsSimu
Entries 0
Data
Simu

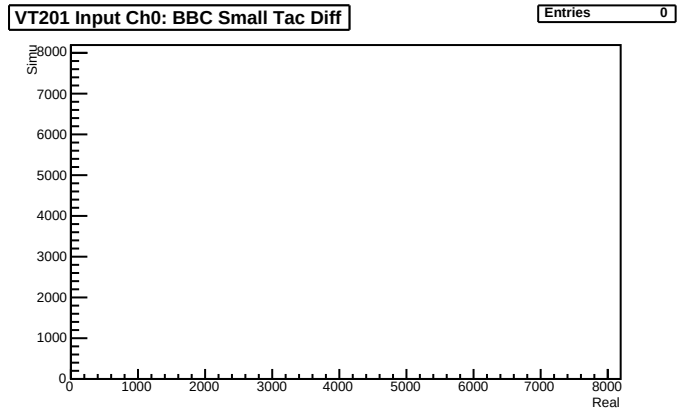

zdcWestTac
Entries 753921

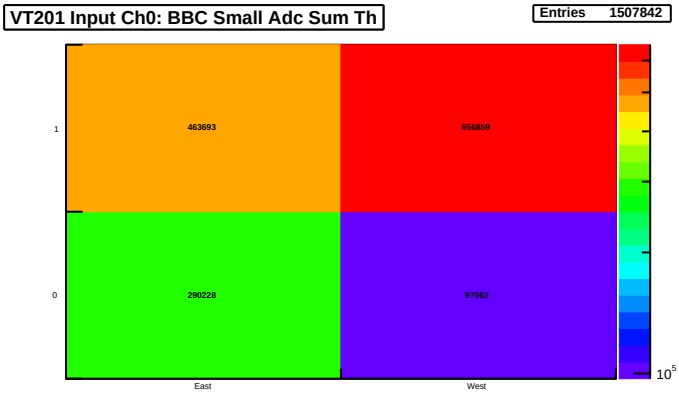

zdcWestTacVsSimu
Entries 0
Data
Simu

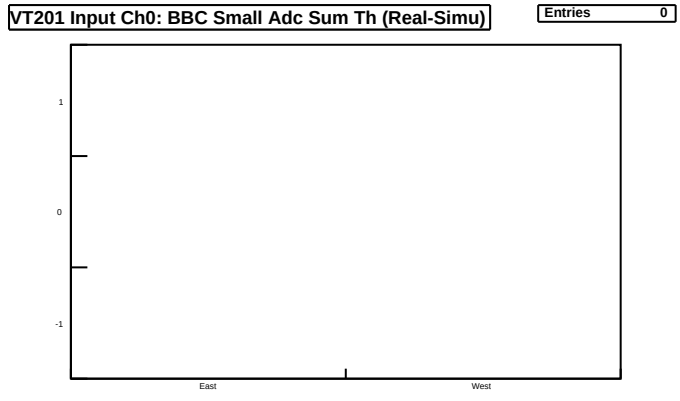

zdcAdcSum
Entries 9047052
58694
7143
39
32
10
7
156314
8452
93
76
53
48
695227
746778
753892
753889
753911
753914
597607
745469
753828
753845
753868
753873
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

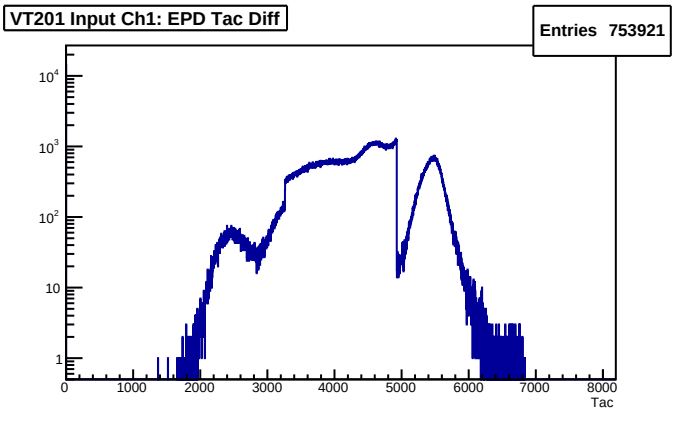

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

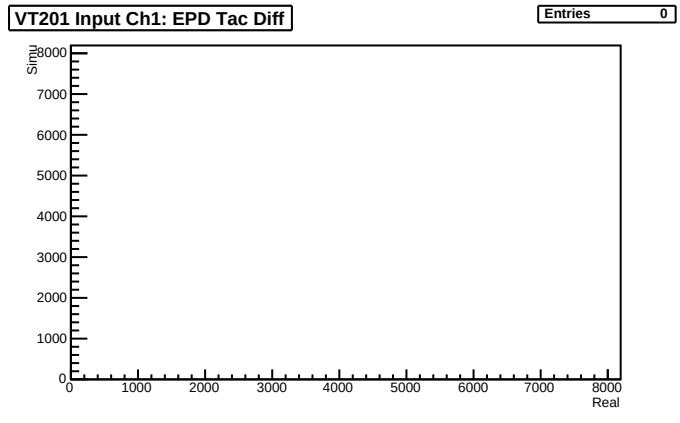

VT201 Input Ch0: BBC Small Tac Diff
Entries 753921
Tac

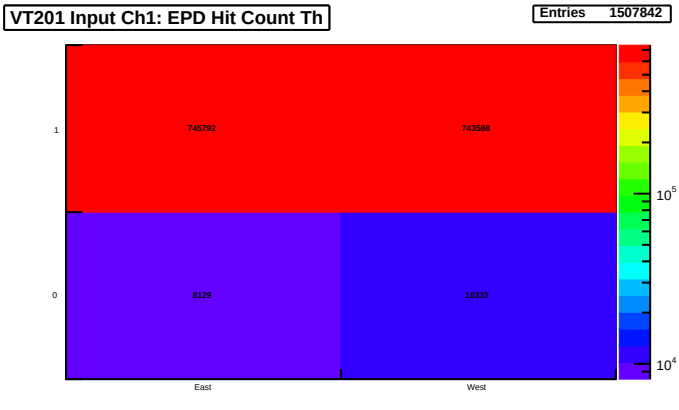

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

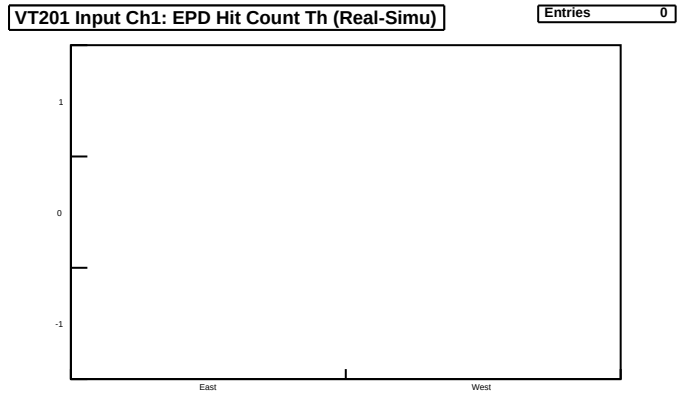

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1507842
463693
656859
290228
97062
East
West

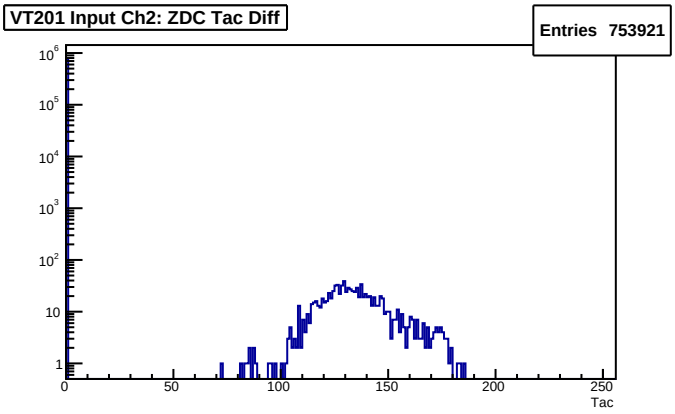

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

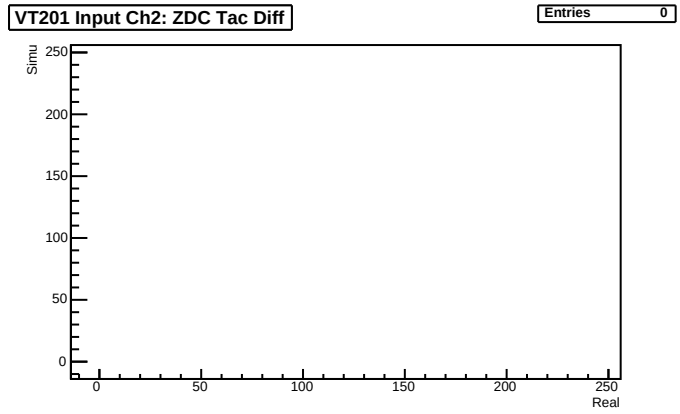

VT201 Input Ch1: EPD Tac Diff
Entries 753921
Tac

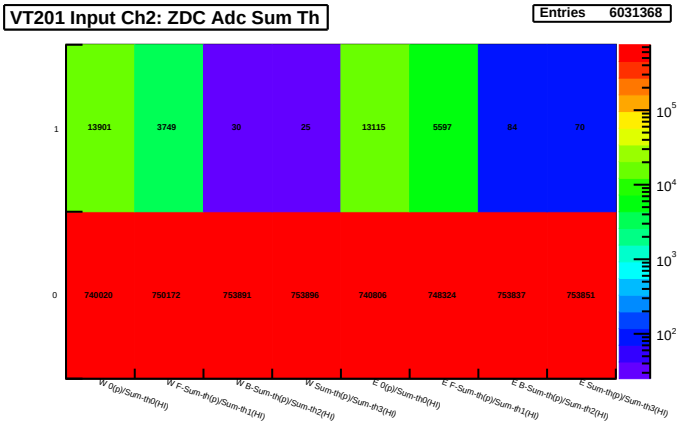

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

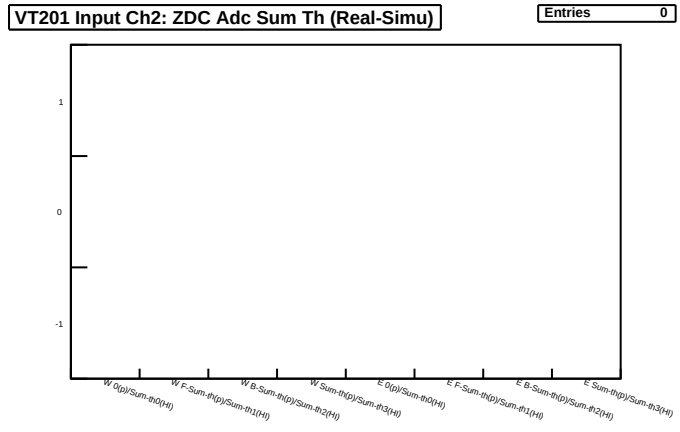

VT201 Input Ch1: EPD Hit Count Th
Entries 1507842
745792
743588
8129
10333
East
West

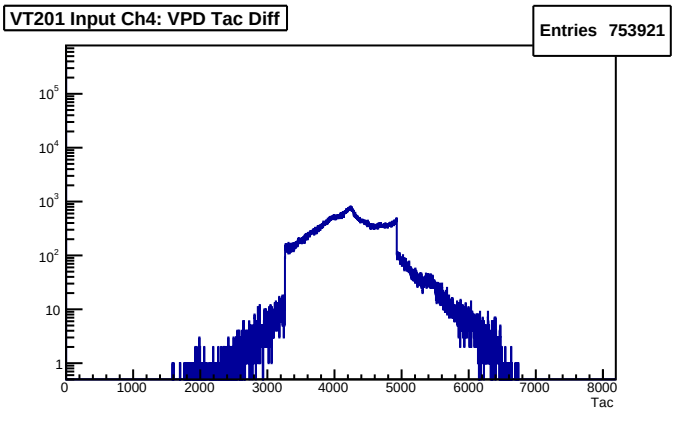

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

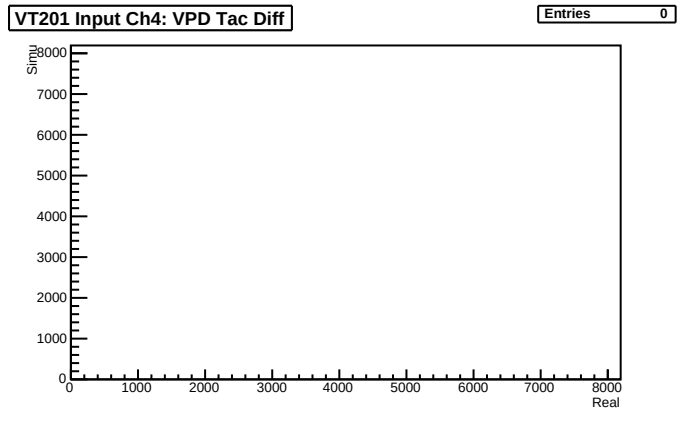

VT201 Input Ch2: ZDC Tac Diff
Entries 753921
Tac

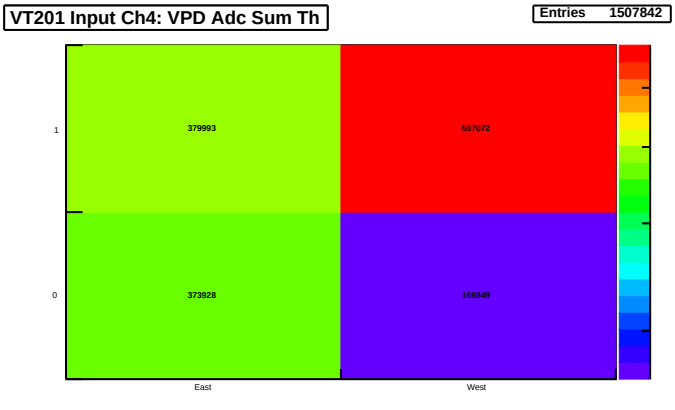

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

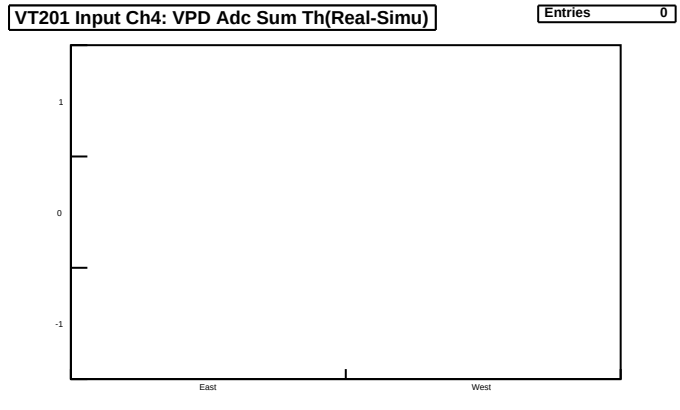

VT201 Input Ch2: ZDC Adc Sum Th
Entries 6031368
13901
3749
30
25
13115
5597
84
70
740020
750172
753891
753896
740806
748324
753837
753851
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

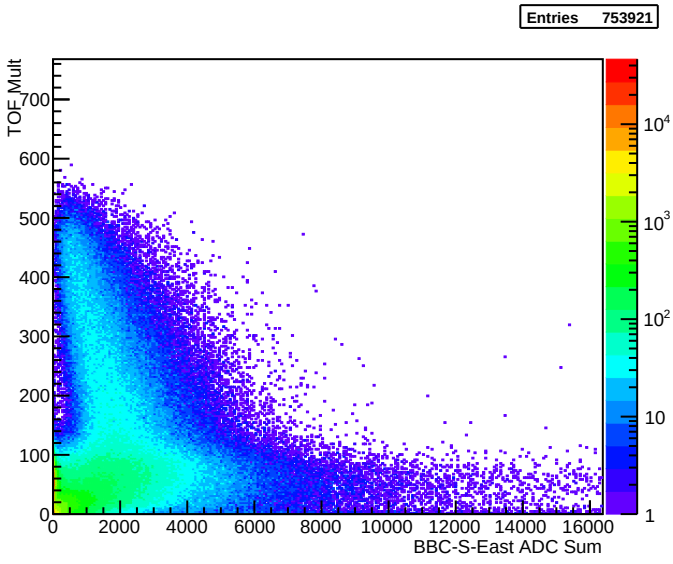

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

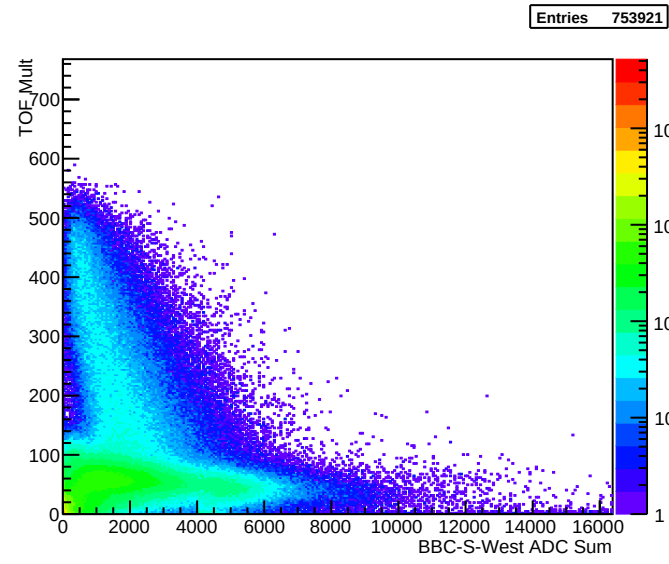

VT201 Input Ch4: VPD Tac Diff
Entries 753921
Tac

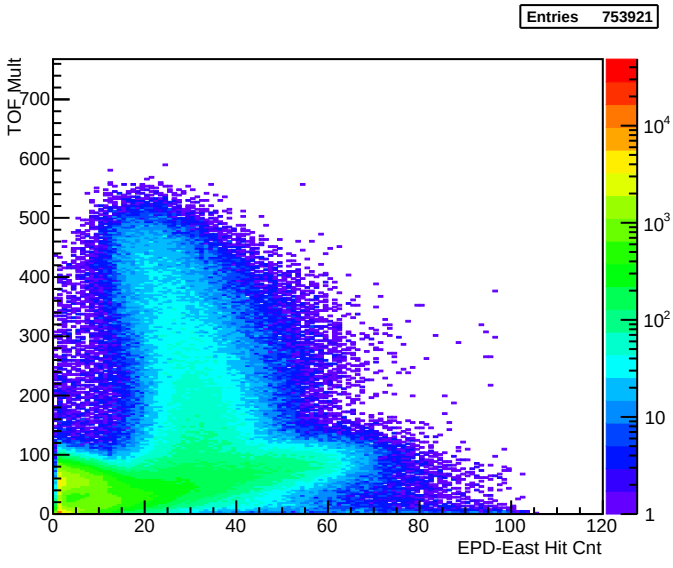

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

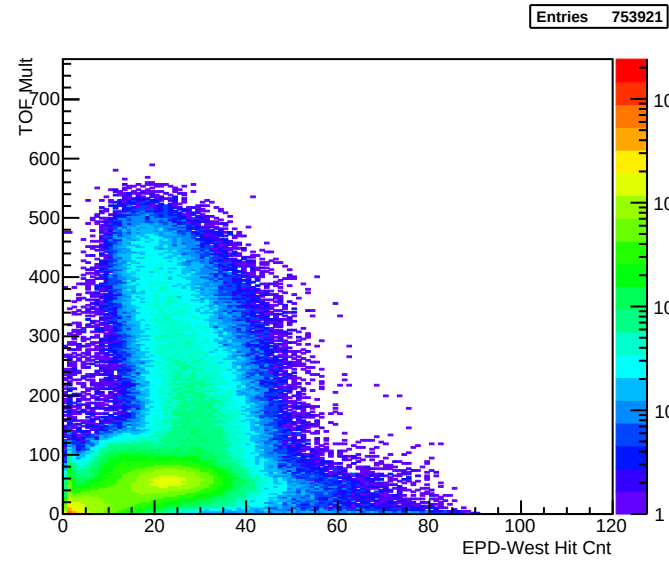

VT201 Input Ch4: VPD Adc Sum Th
Entries 1507842
379993
587072
373928
166849
East
West

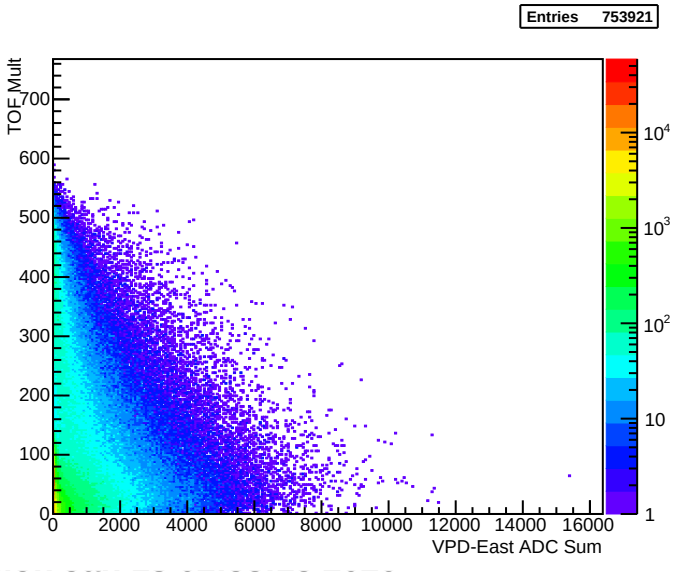

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

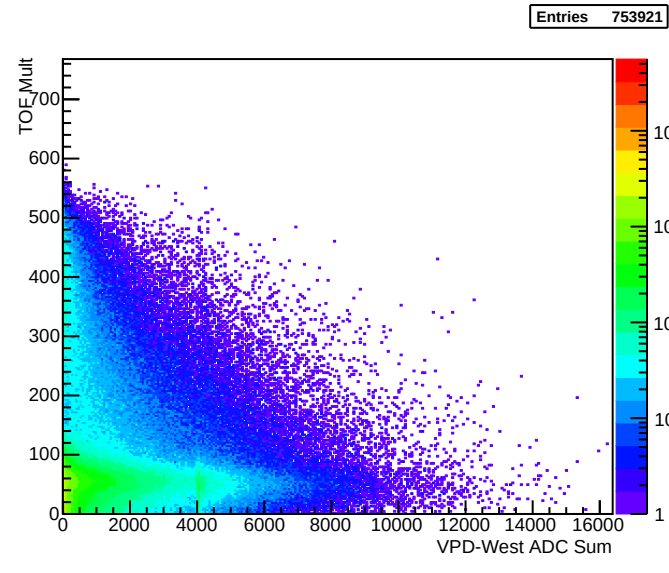

Entries 753921
TOF_Mult
BBC-S-East ADC Sum

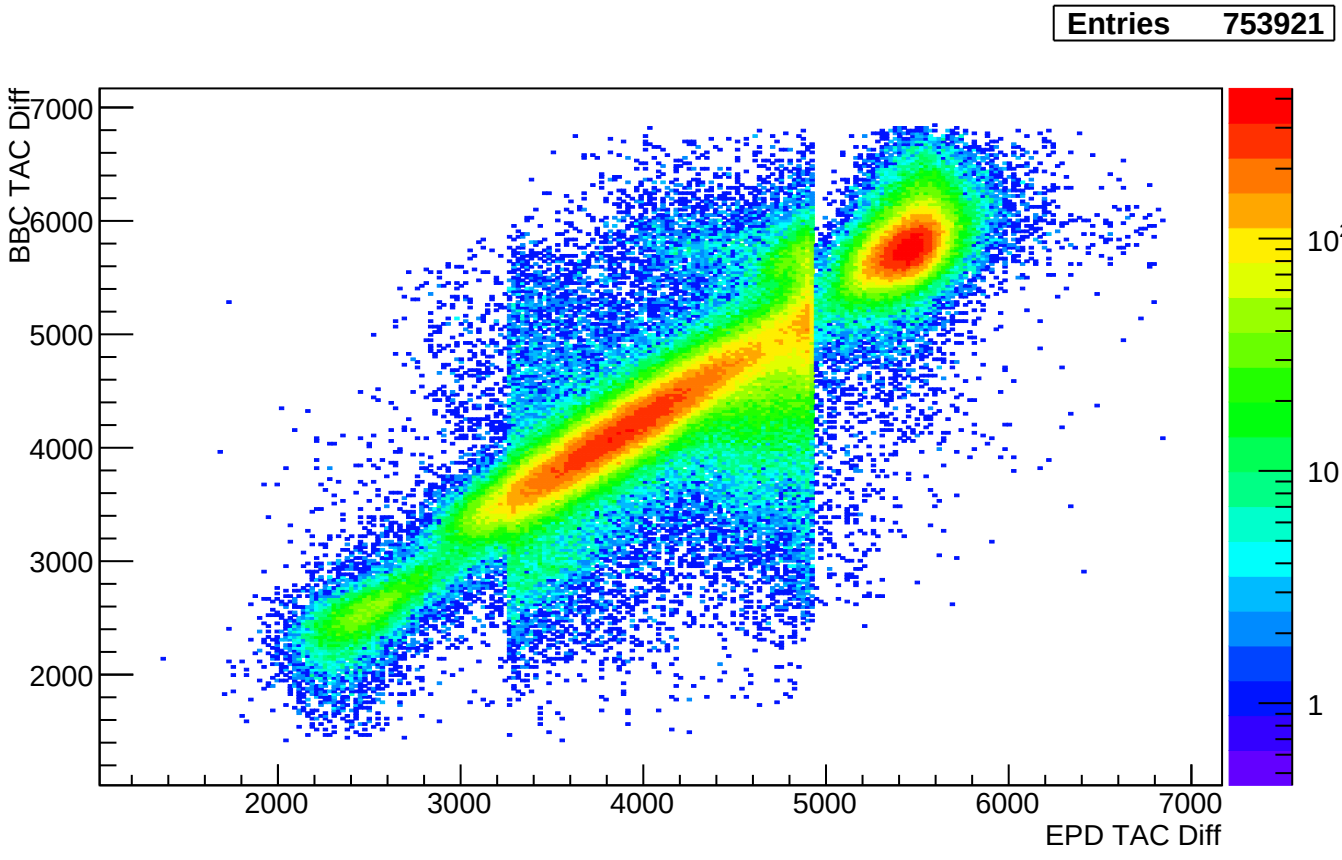

Entries 753921
TOF_Mult
BBC-S-West ADC Sum

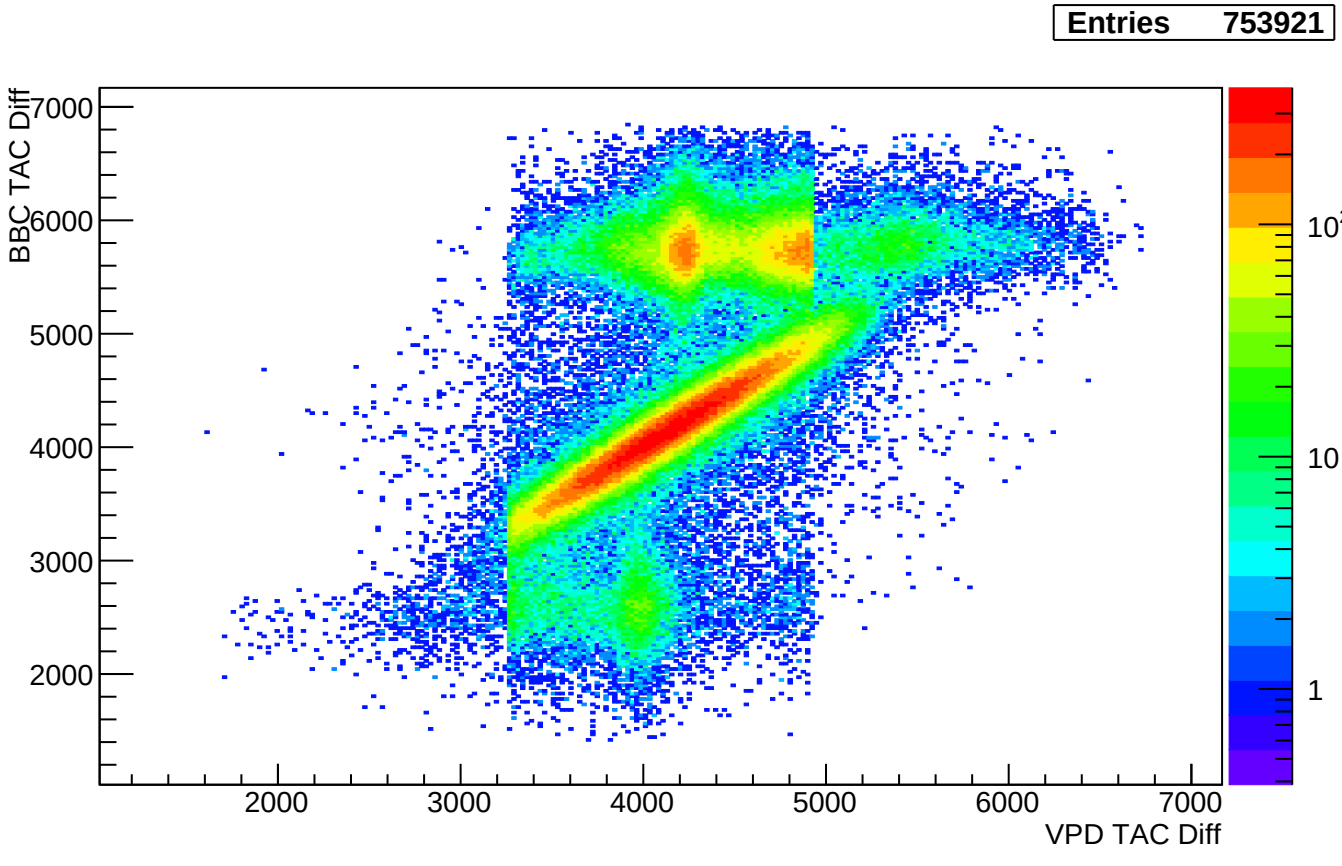

Entries 753921
TOF_Mult
EPD-East Hit Cnt

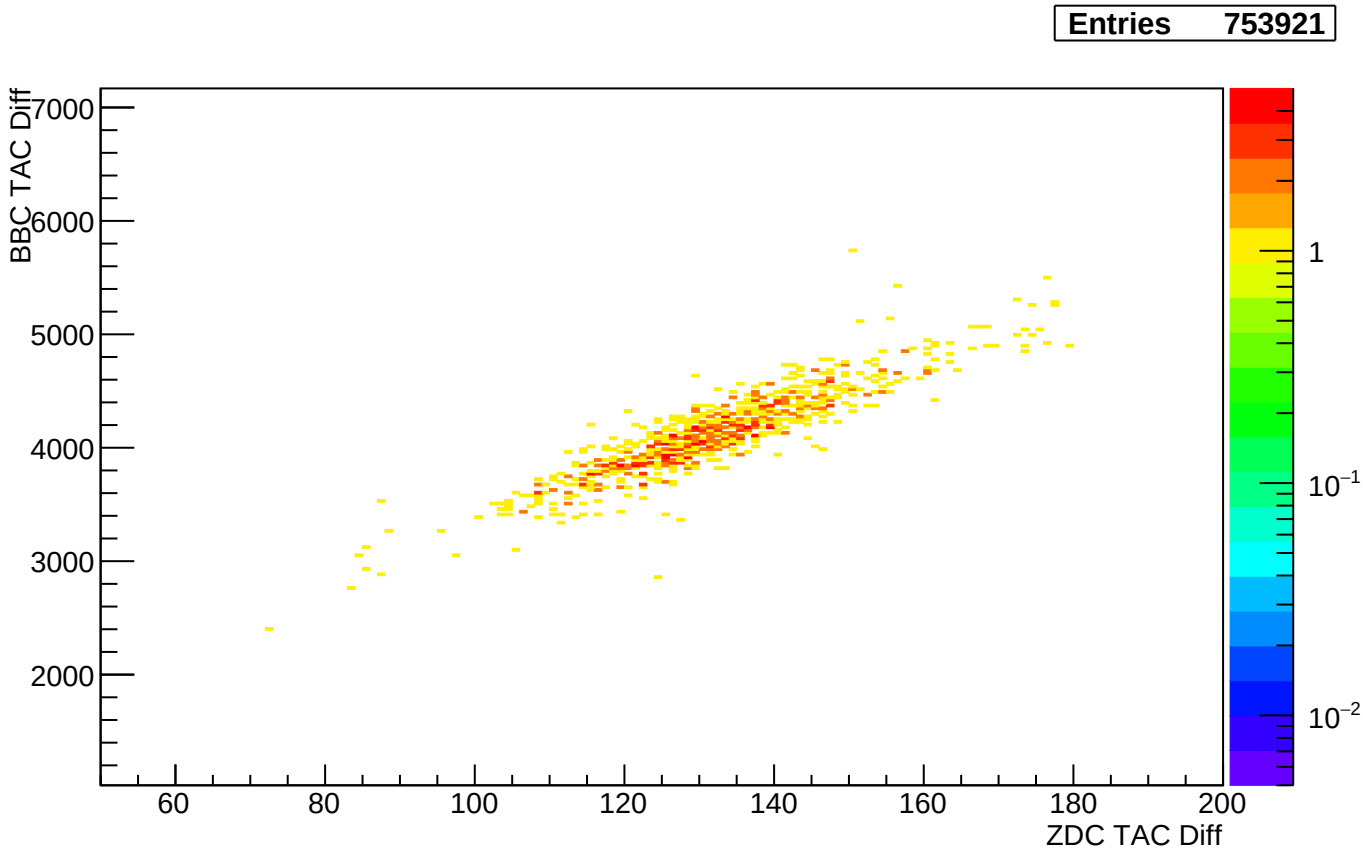

Entries 753921
TOF_Mult
EPD-West Hit Cnt

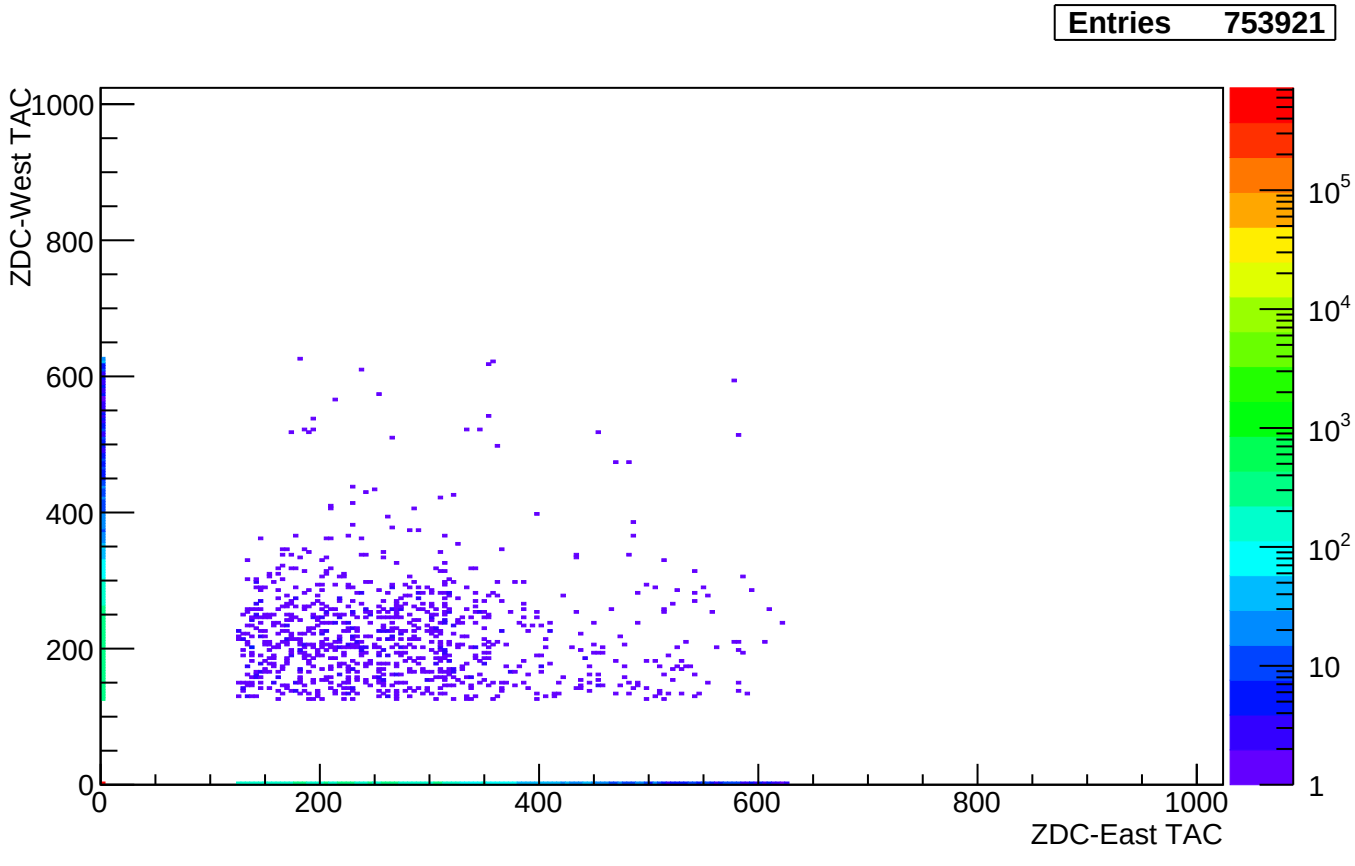

Entries 753921
TOF_Mult
VPD-East ADC Sum

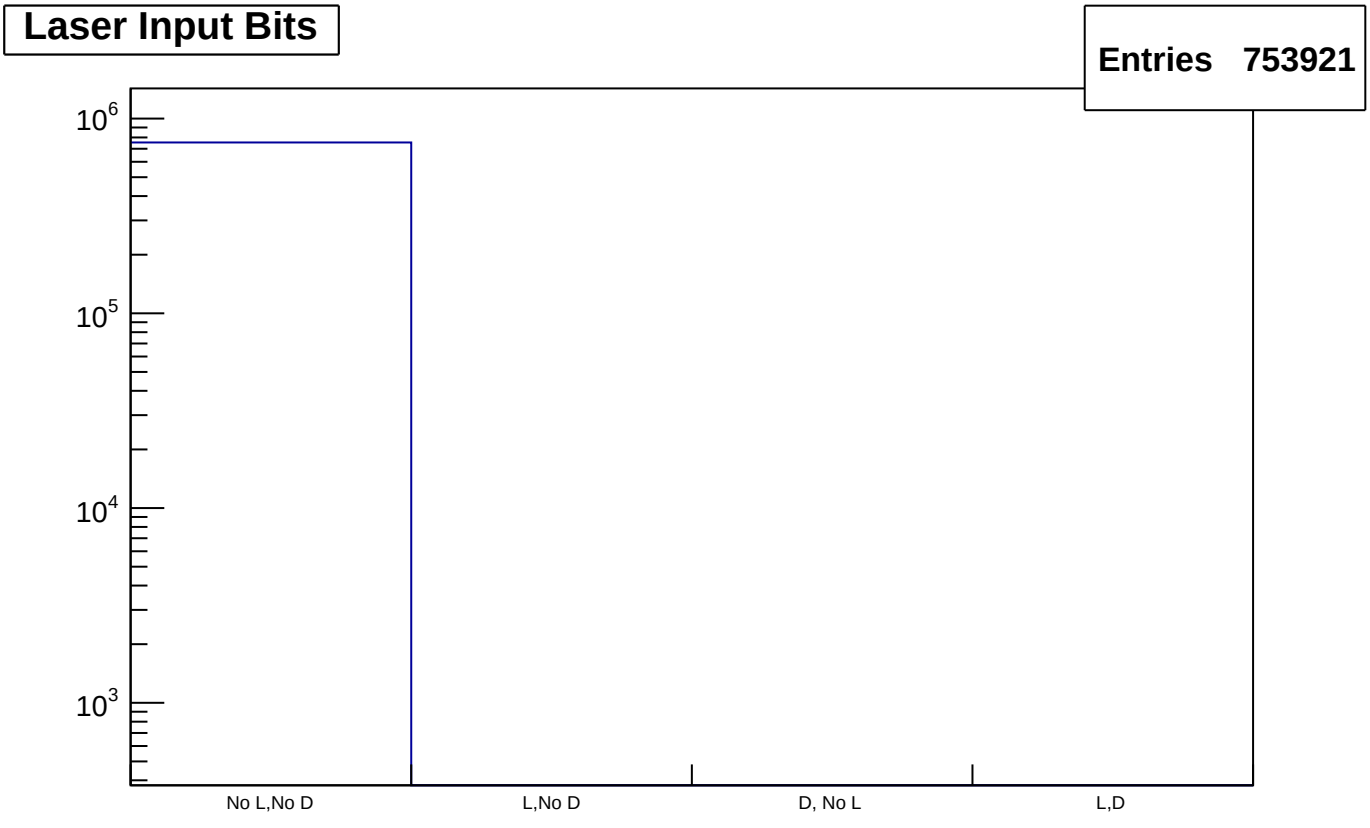

Entries 753921
TOF_Mult
VPD-West ADC Sum

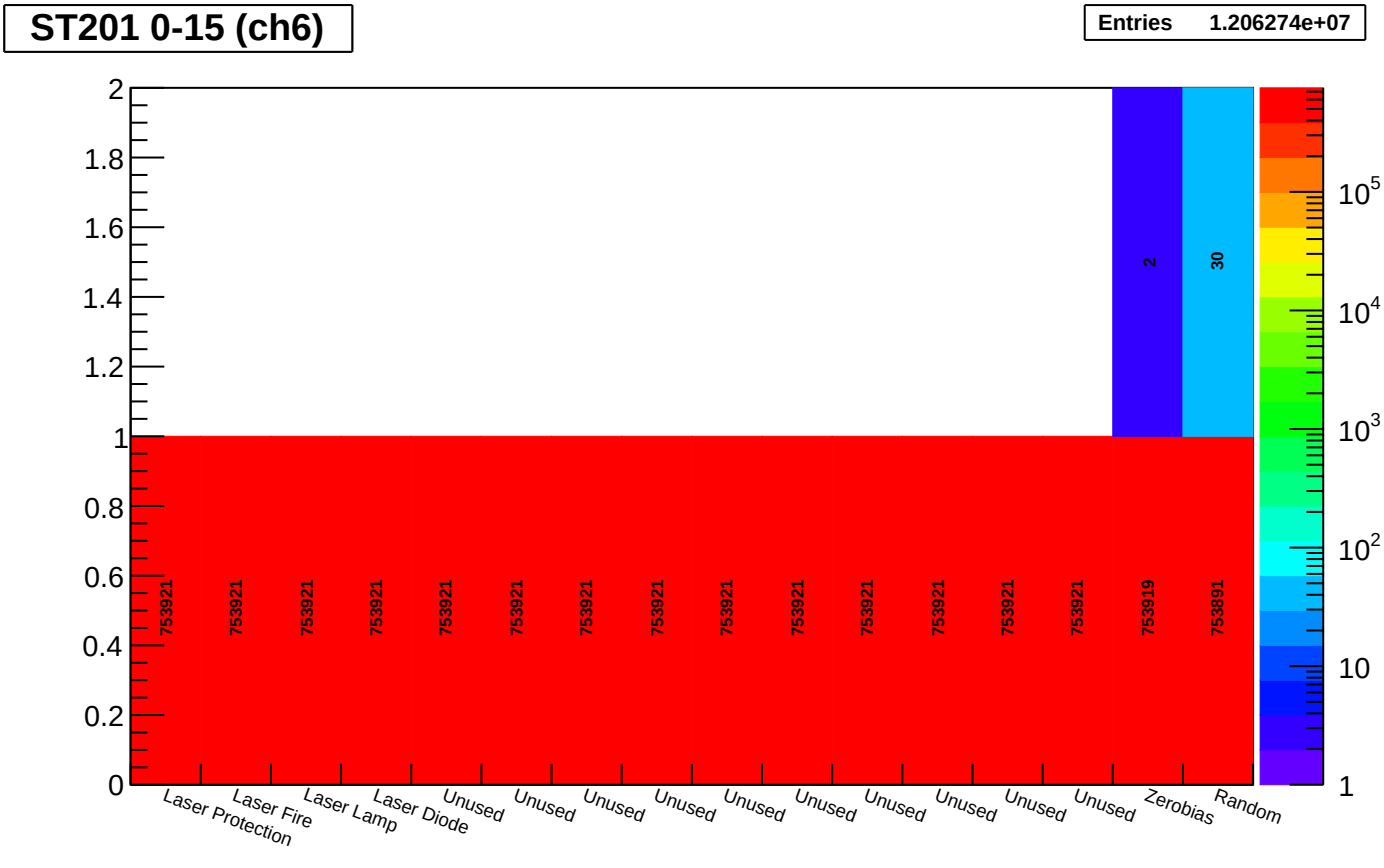

Entries 753921
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

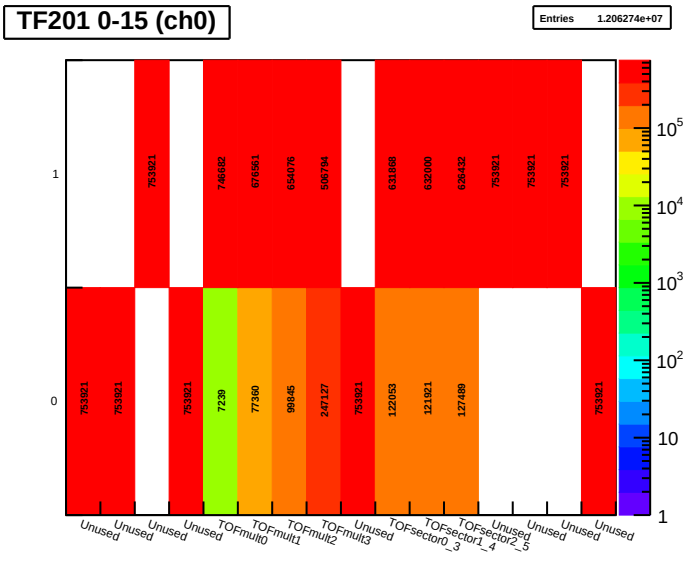

Entries 753921
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

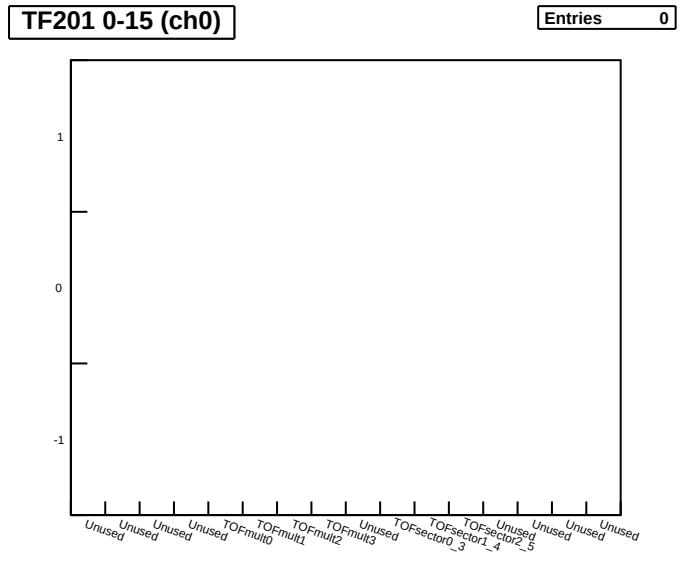

Entries 753921
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

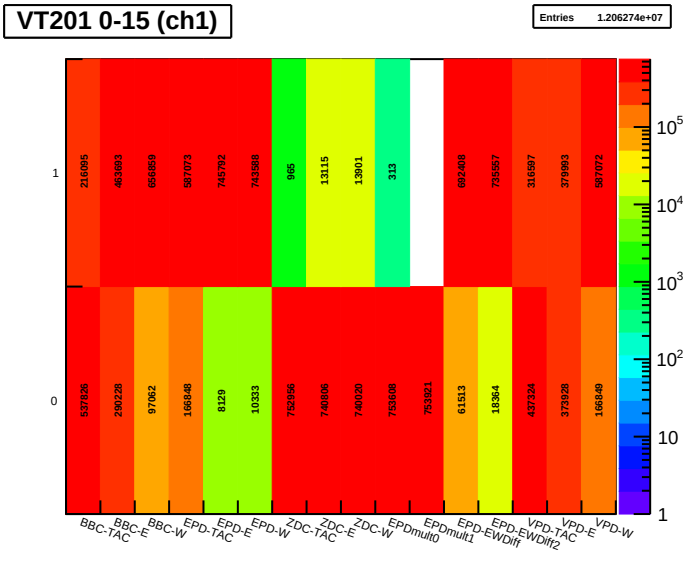

Entries 753921
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

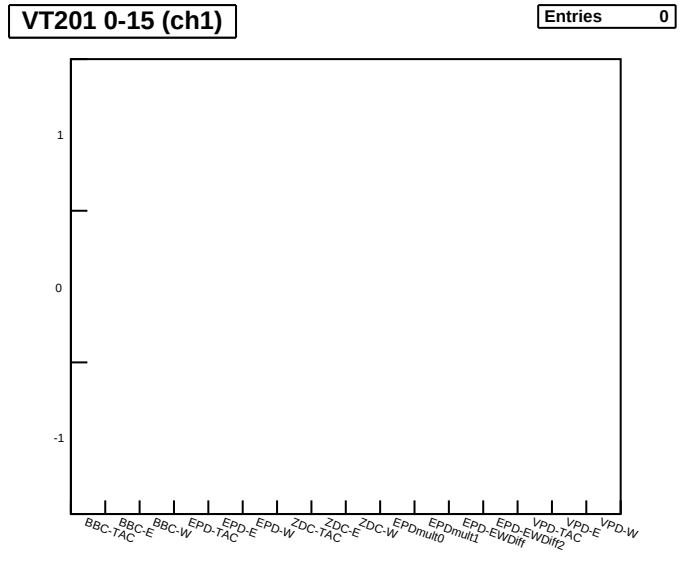

Laser Input Bits
Entries 753921
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

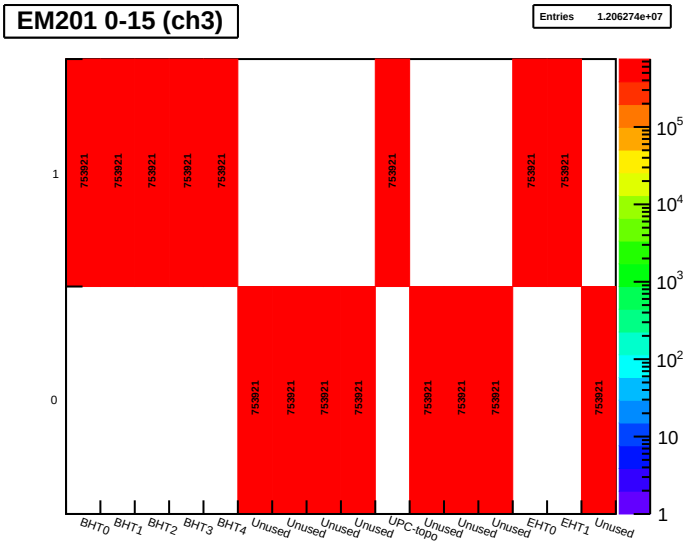

ST201 0-15 (ch6)
Entries 1.206274e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
753921
753921
753921
753921
753921
753921
753921
753921
753921
753921
753921
753921
753921
753921
753919
753891
2
30
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

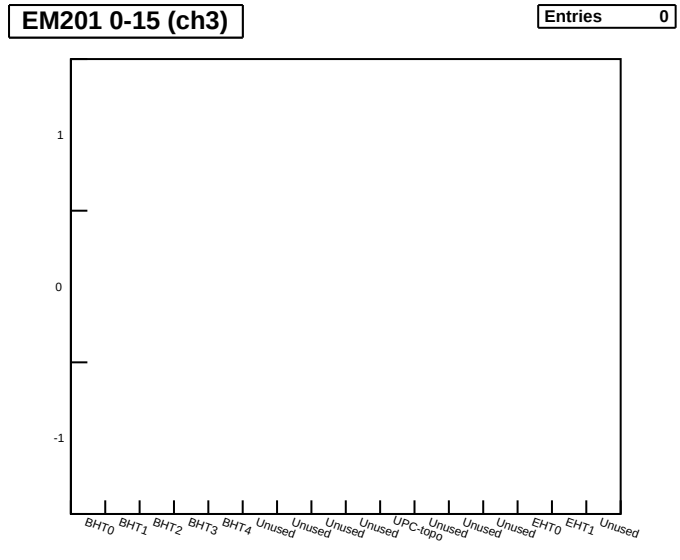

TF201 0-15 (ch0)
Entries 1.206274e+07
1
0
753921 746682 676561 654076 506794 631868 632000 626432 753921 753921 753921
753921 753921 753921 7239 77360 99845 247127 753921 122053 121921 127489 753921
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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


VT201 0-15 (ch1)
Entries 1.206274e+07
1
0
216095 463893 656859 587073 745792 743588 965 13115 13901 313 692408 735557 316597 379993 587072
537826 290228 97062 166848 8129 10333 752956 740806 740020 753608 753921 61513 18364 437324 373928 166849
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 1.206274e+07
1
0
753921 753921 753921 753921 753921 753921 753921 753921 753921
753921 753921 753921 753921 753921 753921 753921 753921
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