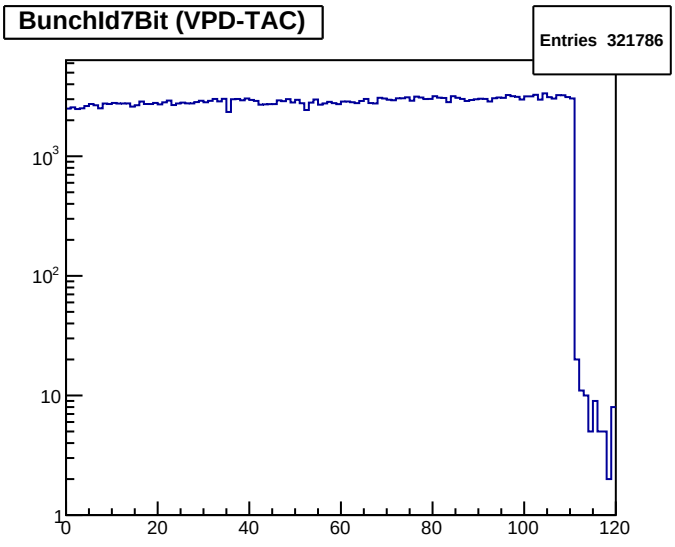
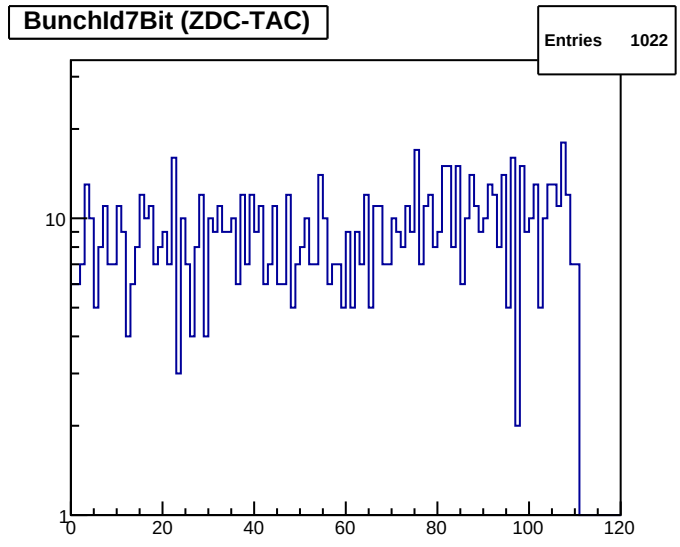
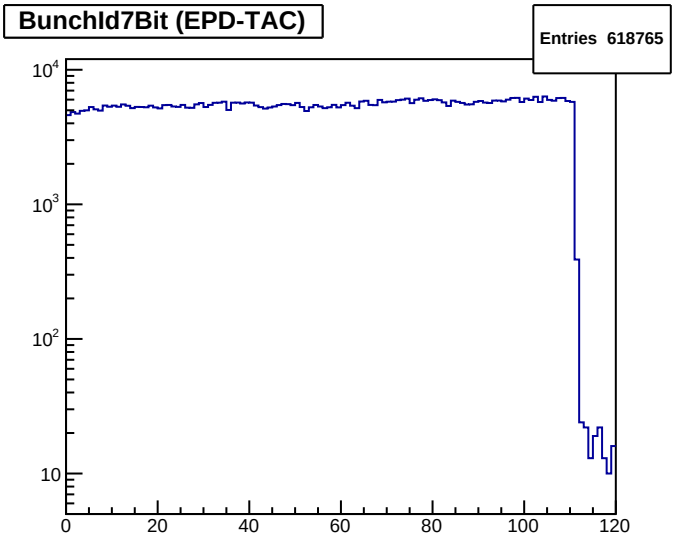
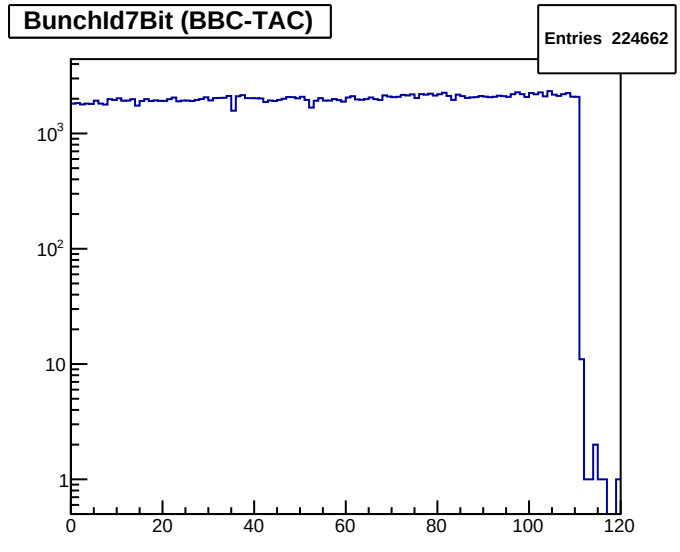
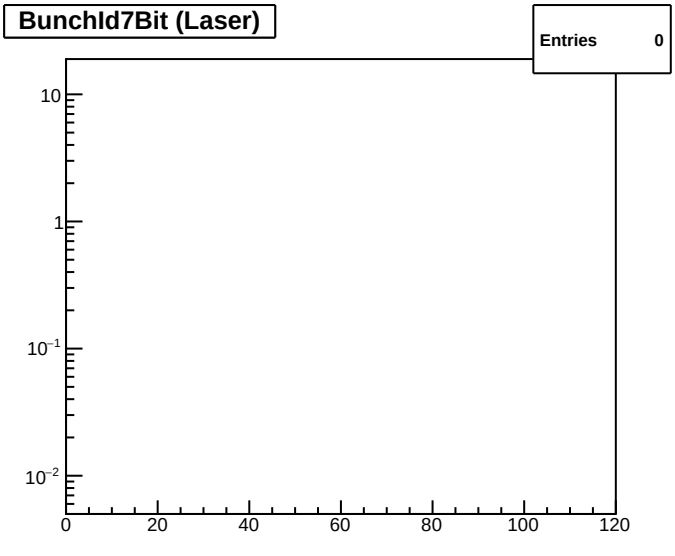
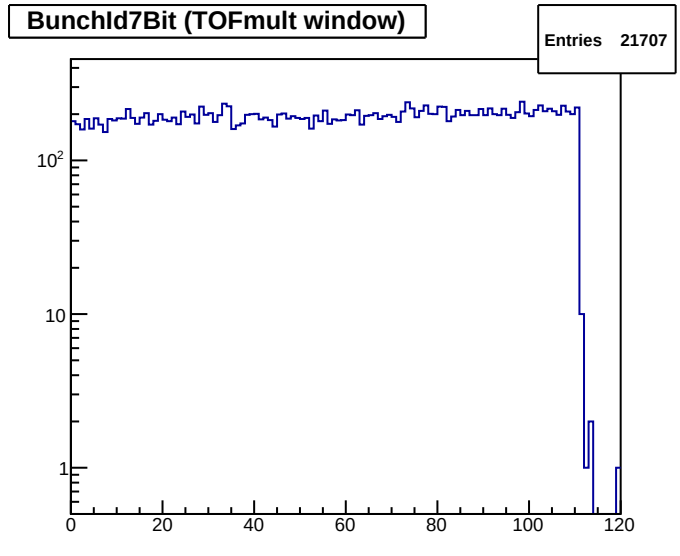

BunchId7Bit (VPD-TAC)
Entries 321786

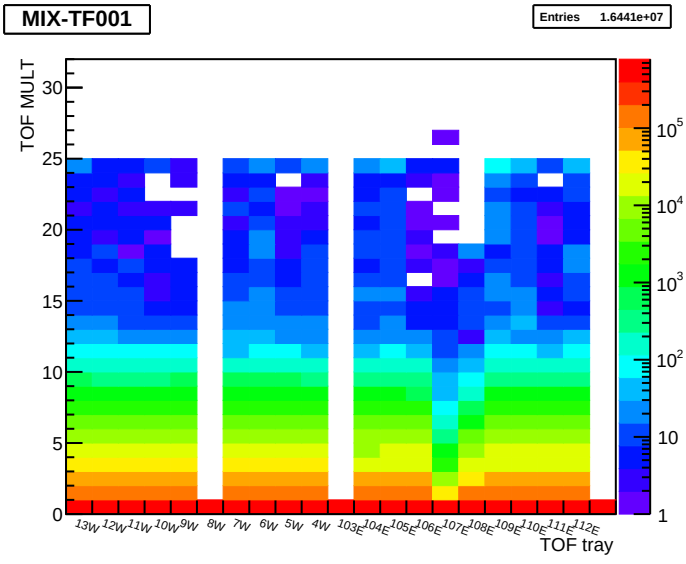

BunchId7Bit (ZDC-TAC)
Entries 1022

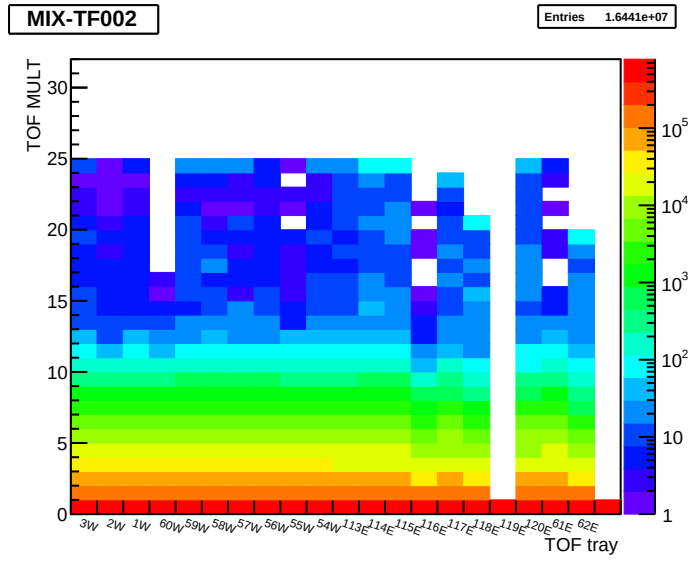

BunchId7Bit (EPD-TAC)
Entries 618765

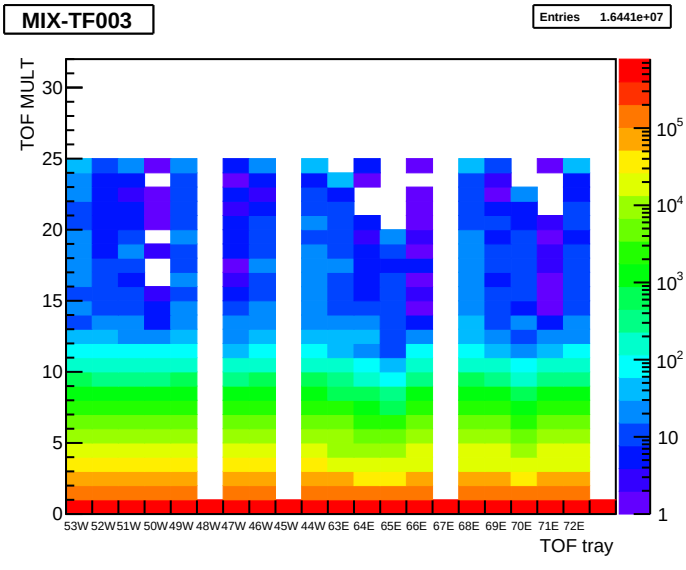

BunchId7Bit (BBC-TAC)
Entries 224662

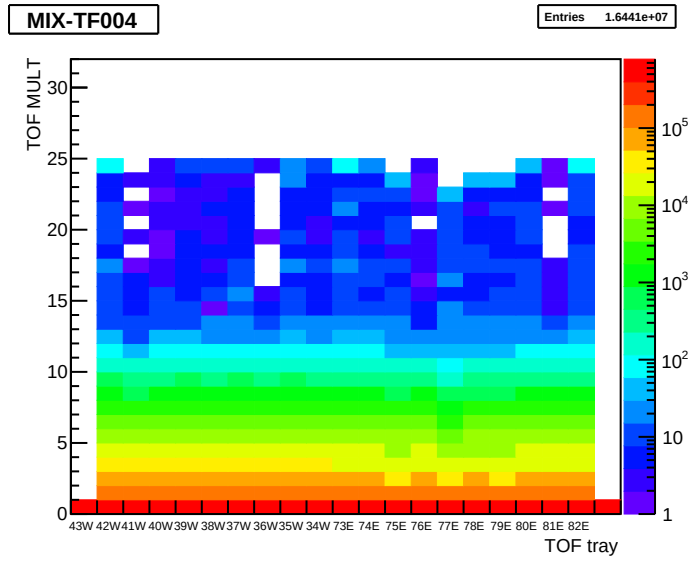

BunchId7Bit (Laser)
Entries 0

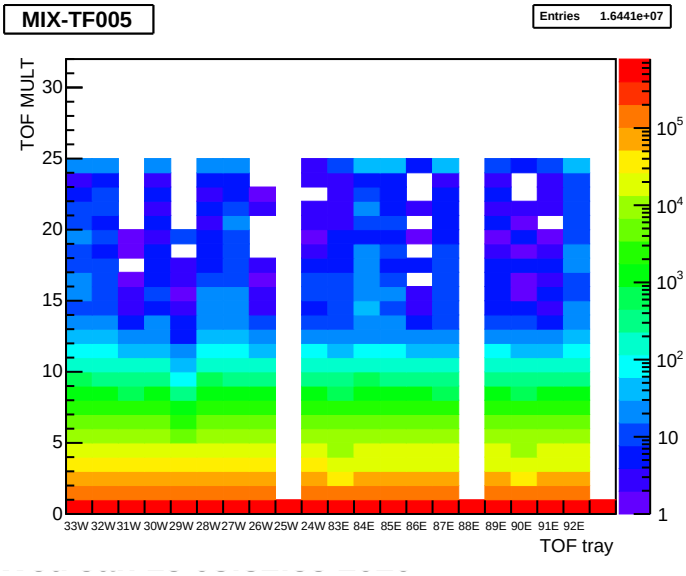

BunchId7Bit (TOFmult window)
Entries 21707

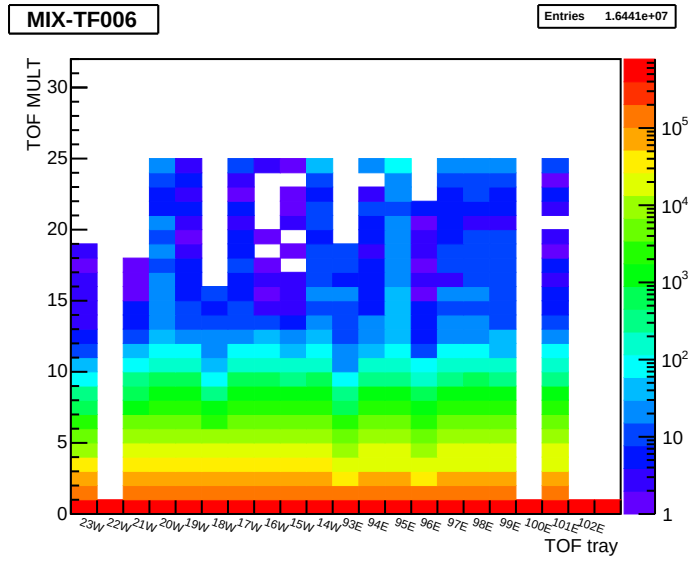

MIX-TF001
Entries 1.6441e+07
TOF MULT
TOF tray

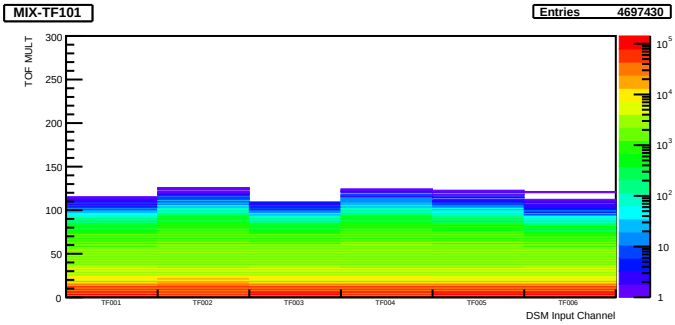

MIX-TF002
Entries 1.6441e+07
TOF MULT
TOF tray

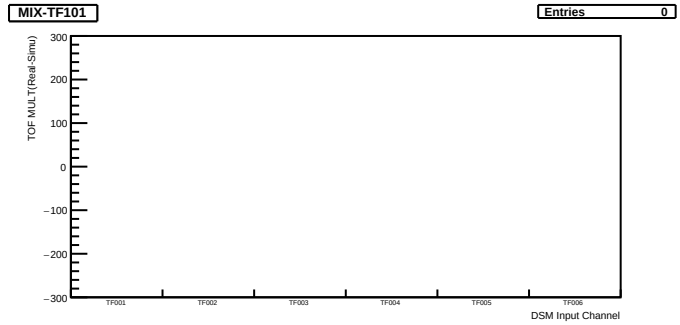

MIX-TF003
Entries 1.6441e+07
TOF MULT
TOF tray

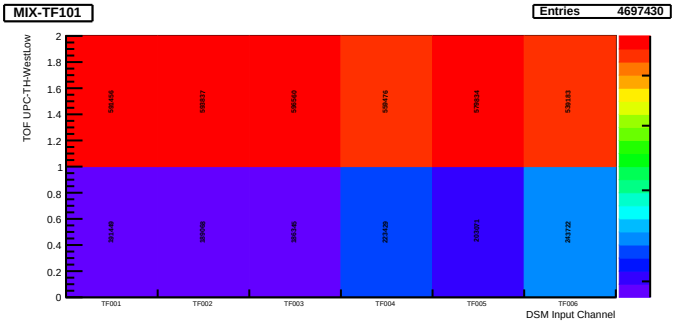

MIX-TF004
Entries 1.6441e+07
TOF MULT
TOF tray

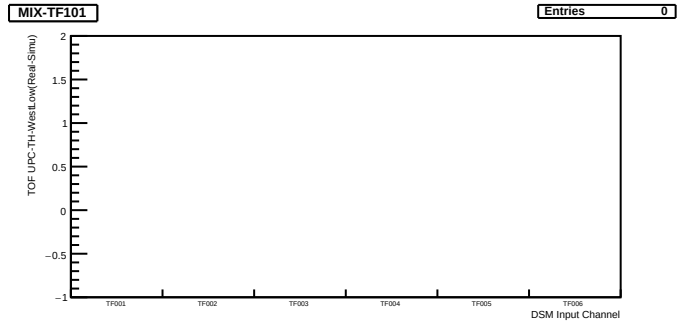

MIX-TF005
Entries 1.6441e+07
TOF MULT
TOF tray

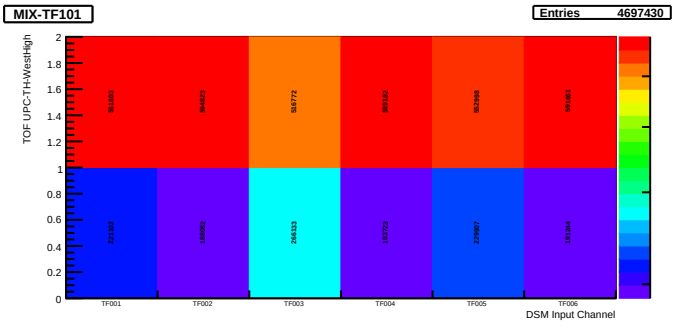

MIX-TF006
Entries 1.6441e+07
TOF MULT
TOF tray

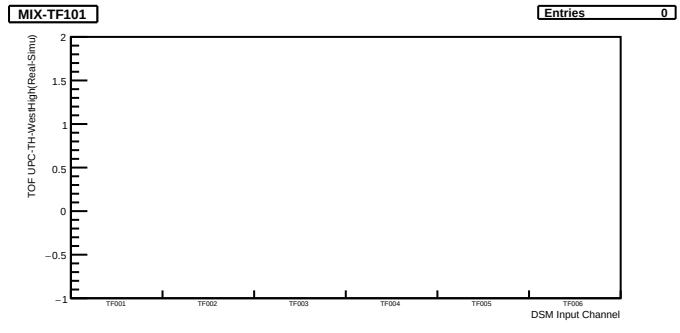

MIX-TF101
Entries 4697430
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

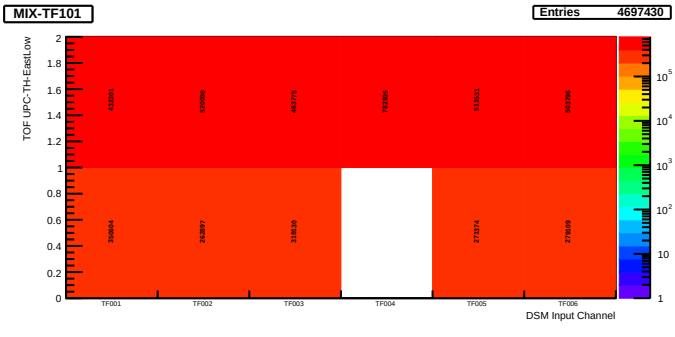

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

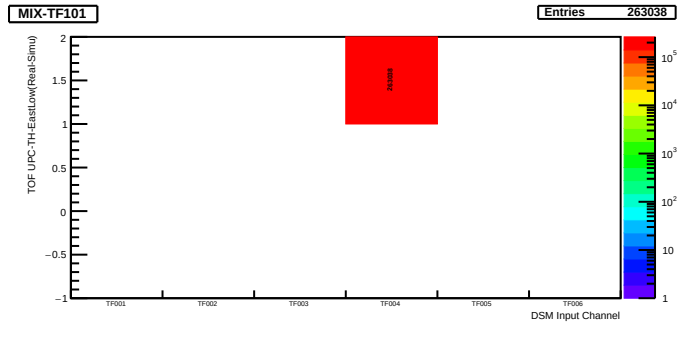

MIX-TF101
Entries 4697430
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

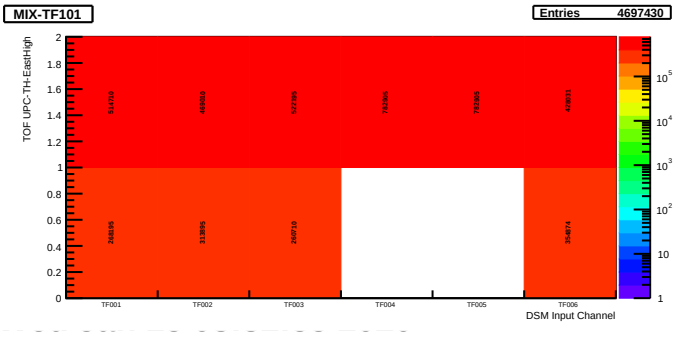

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

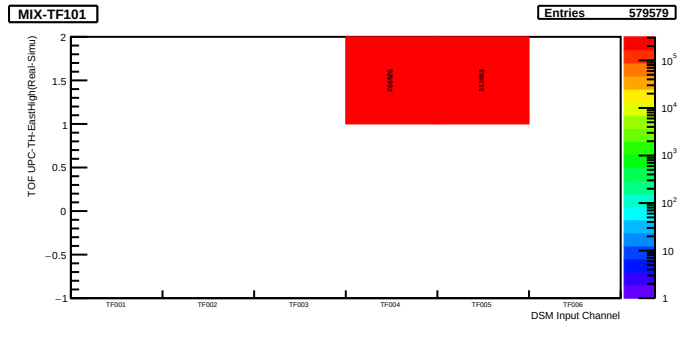

MIX-TF101
Entries 4697430
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

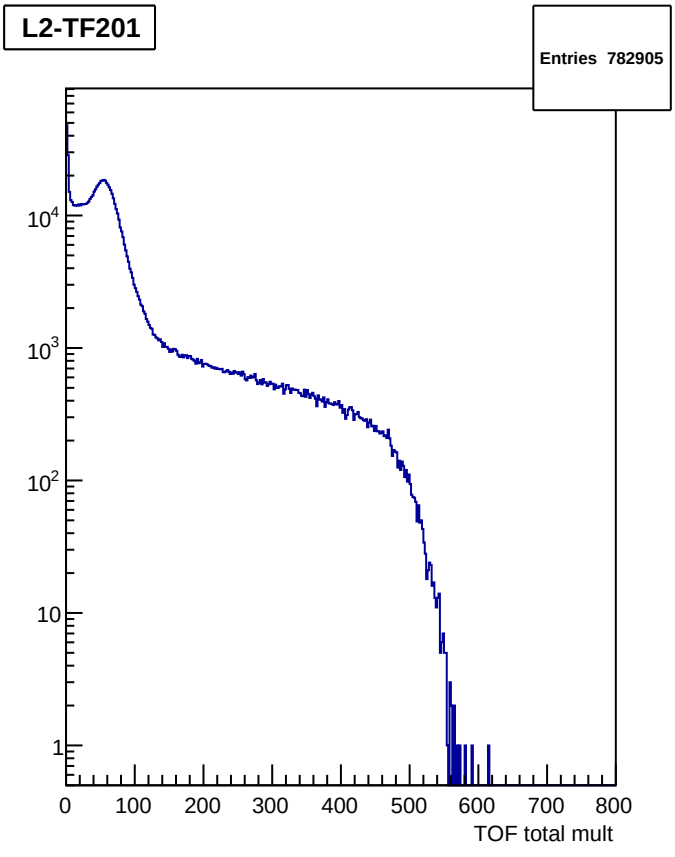

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

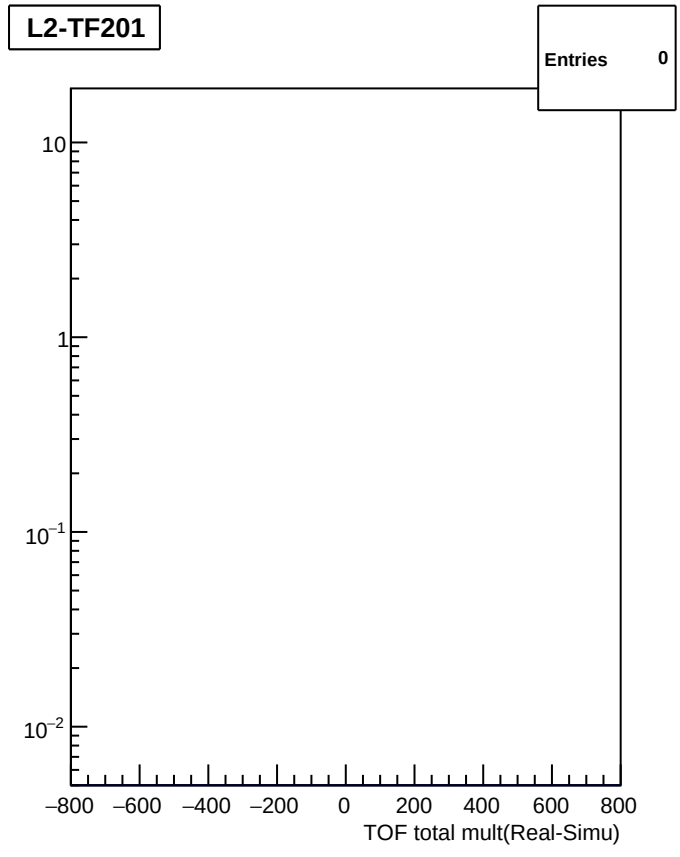

MIX-TF101
Entries 4697430
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

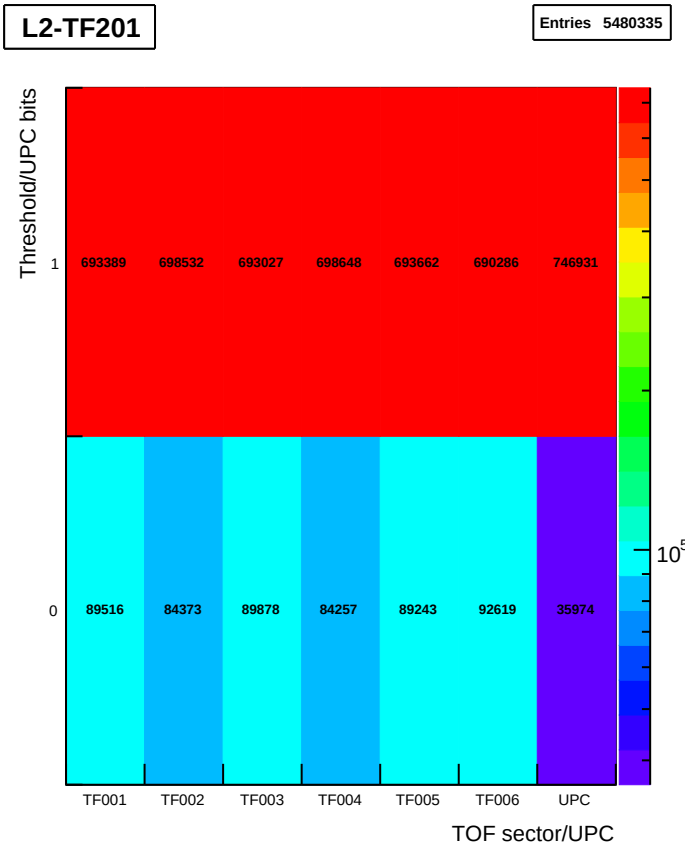

MIX-TF101
Entries 263038
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

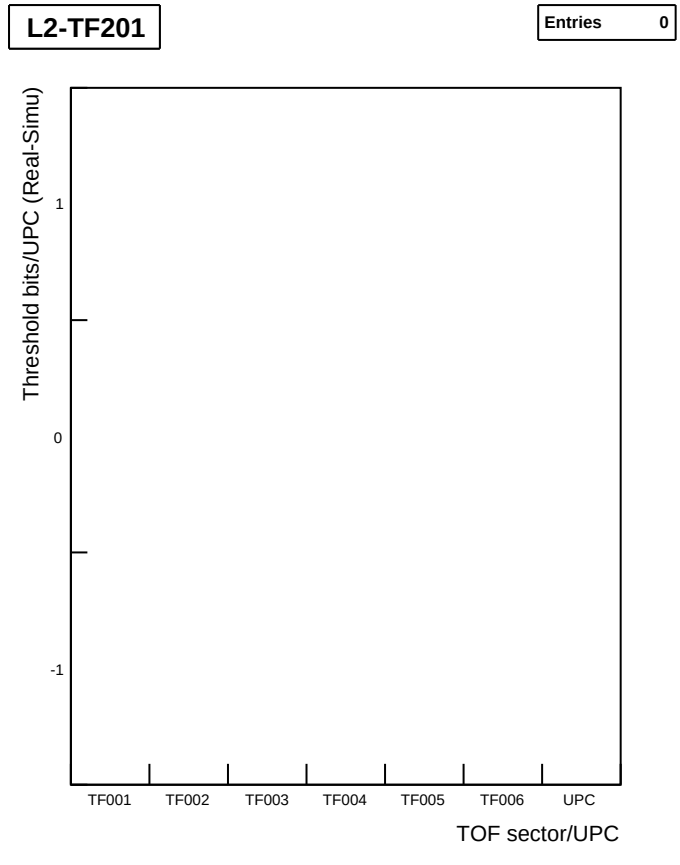

MIX-TF101
Entries 4697430
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

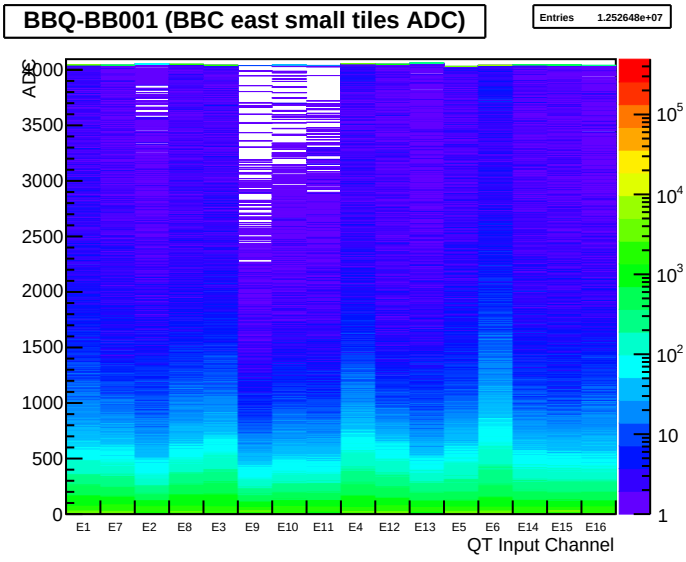

MIX-TF101
Entries 579579
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

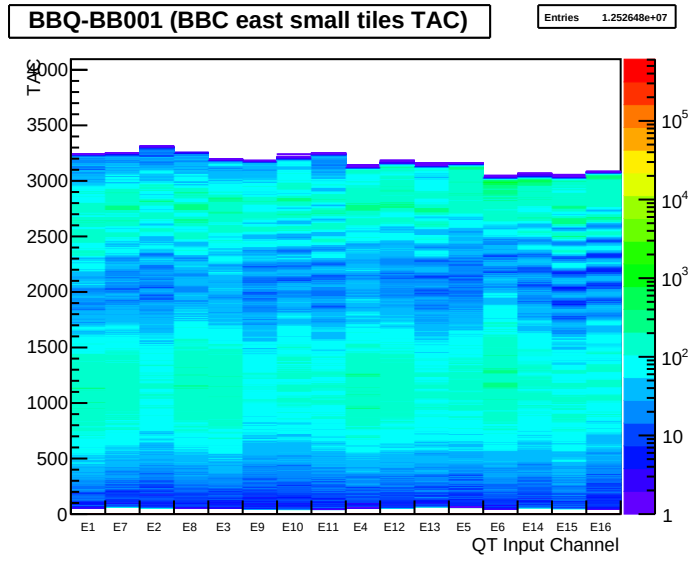

L2-TF201
Entries 782905
TOF total mult

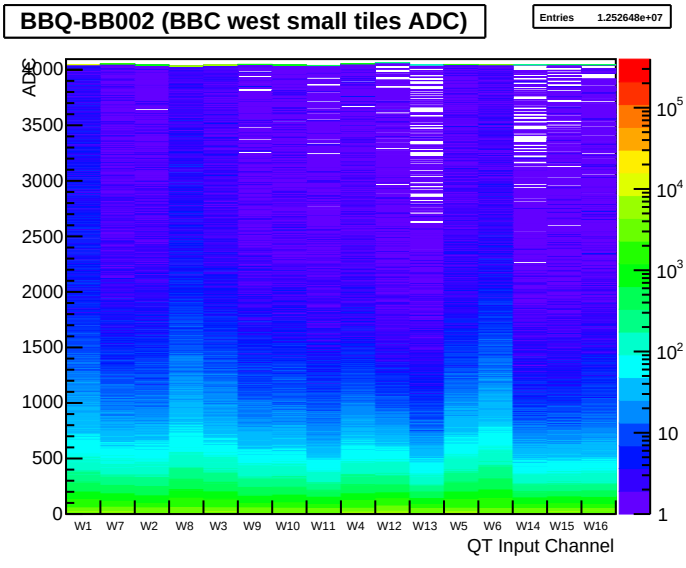

L2-TF201
Entries 0
TOF total mult(Real-Simu)

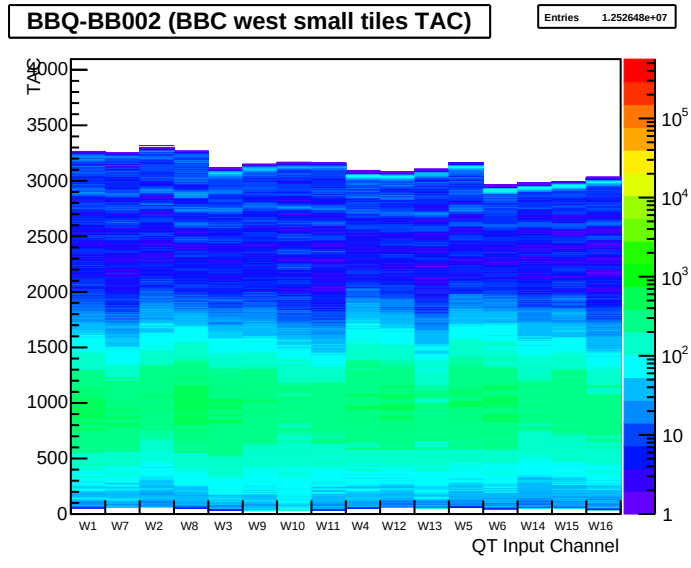

L2-TF201
Entries 5480335
Threshold/UPC bits
693389
698532
693027
698648
693662
690286
746931
89516
84373
89878
84257
89243
92619
35974
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

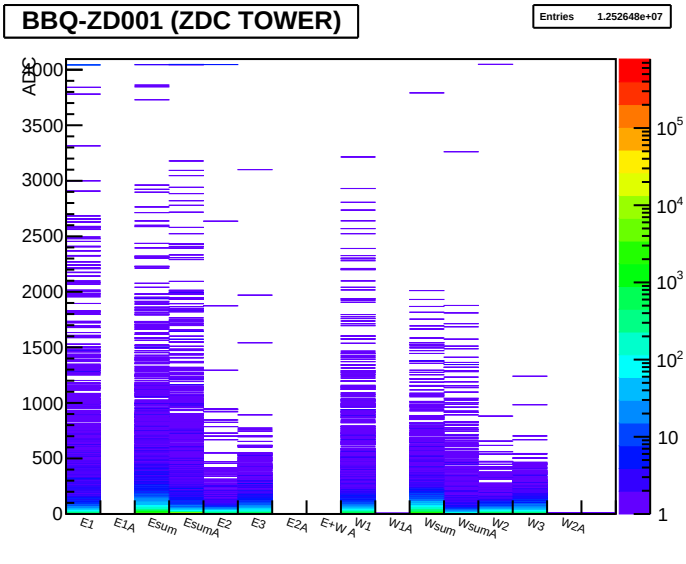

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

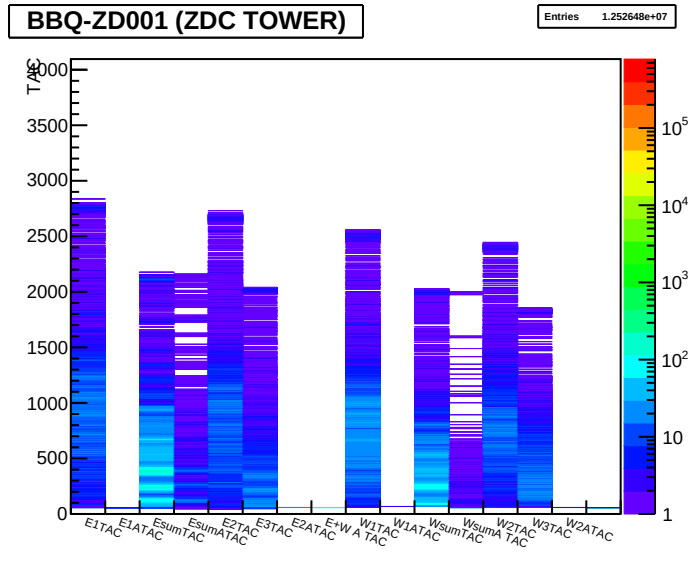

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.252648e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

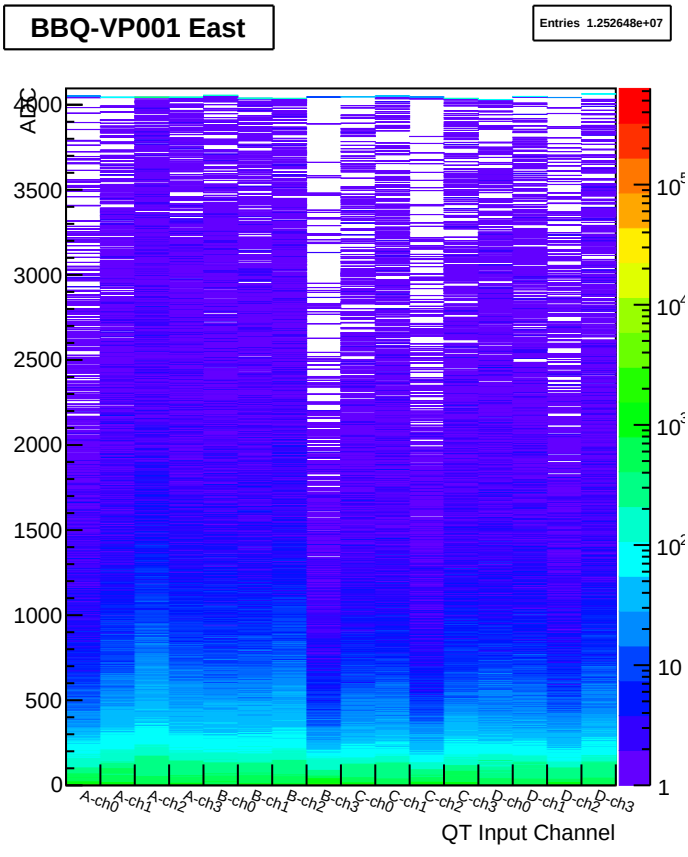

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.252648e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

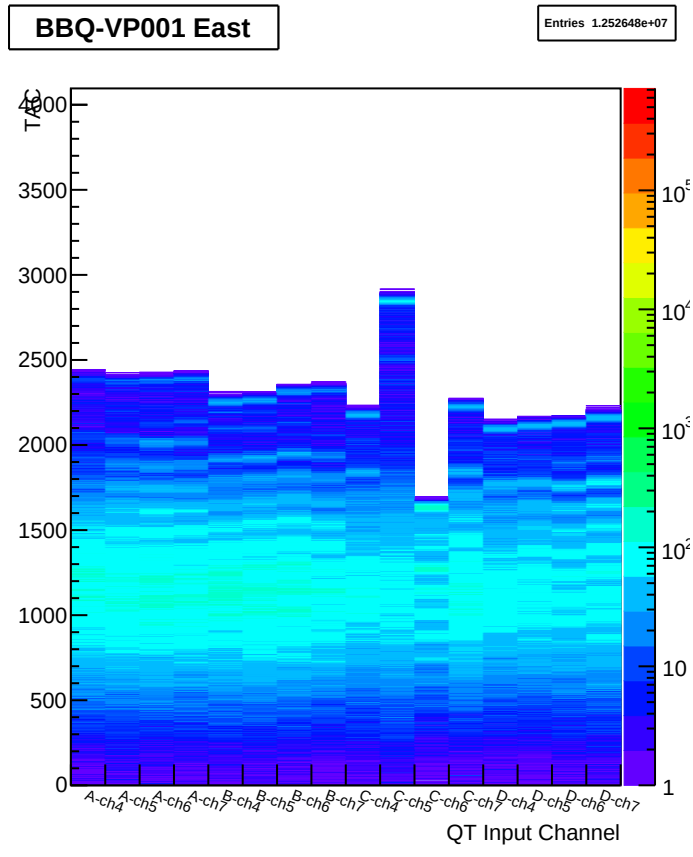

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.252648e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

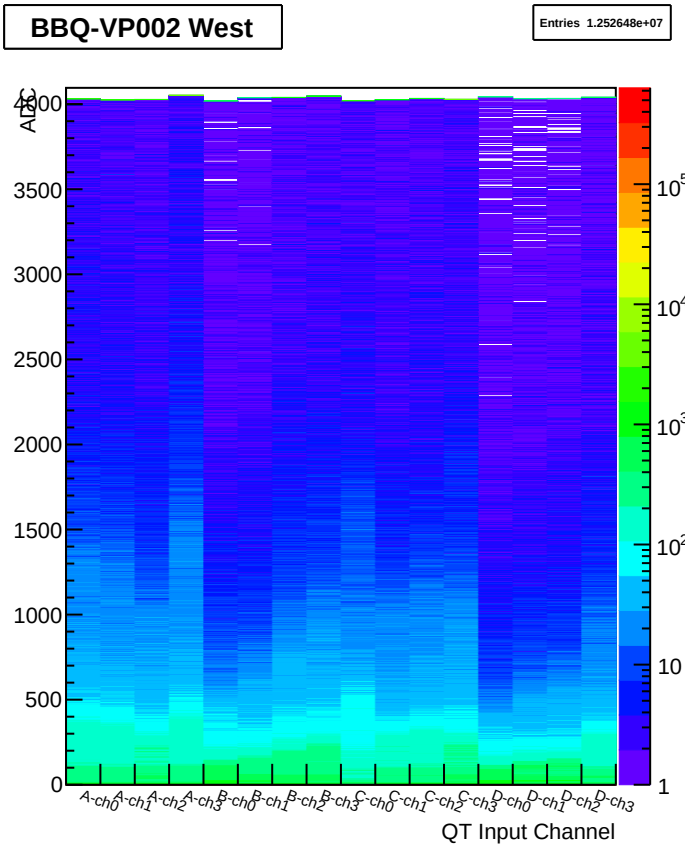

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.252648e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

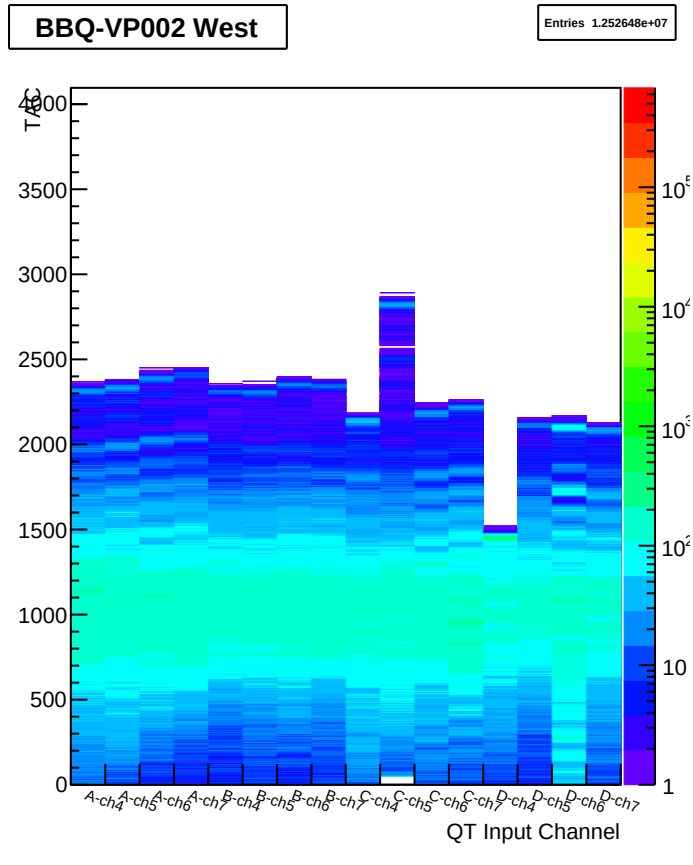

BBQ-ZD001 (ZDC TOWER)
Entries 1.252648e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

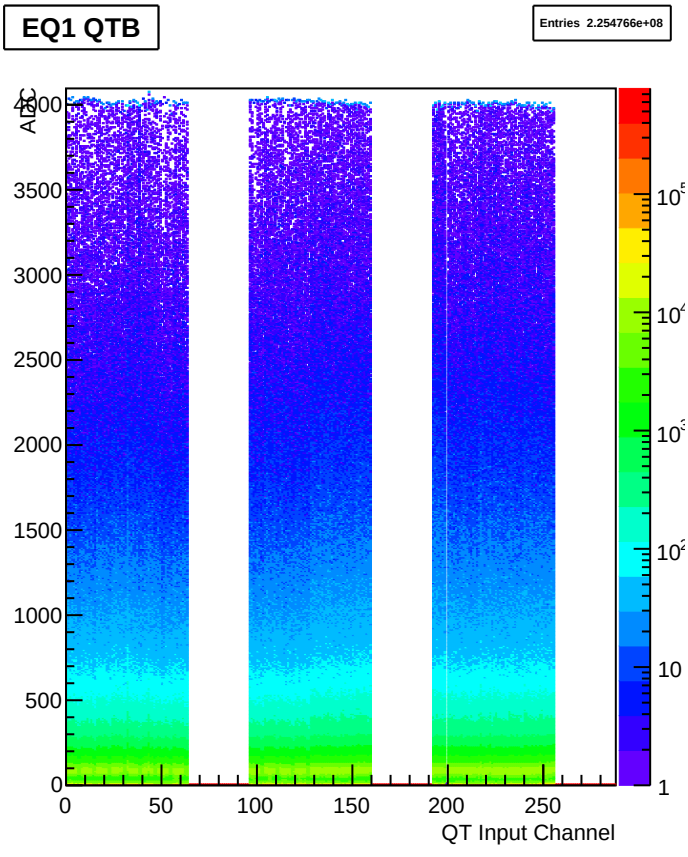

BBQ-ZD001 (ZDC TOWER)
Entries 1.252648e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

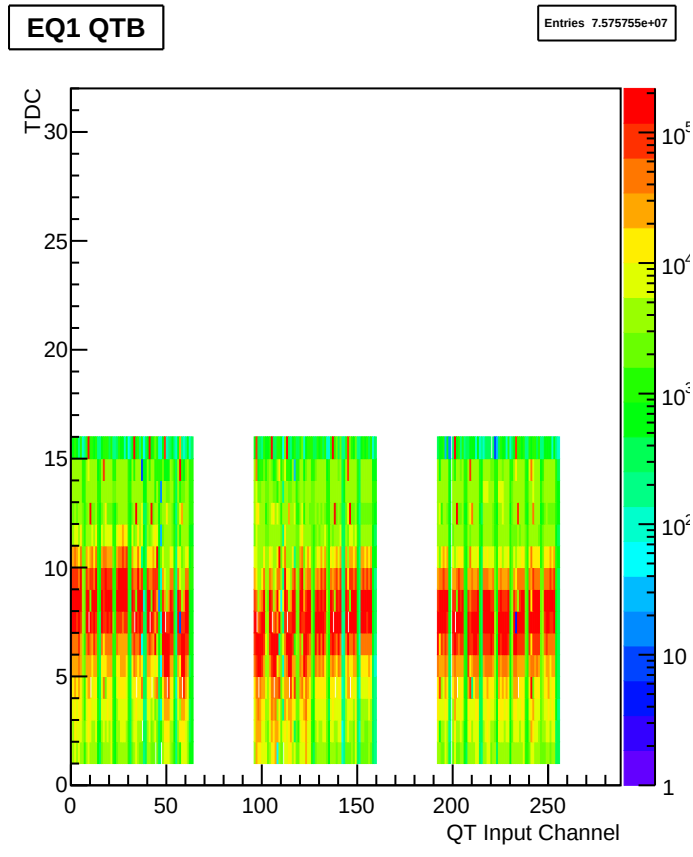

BBQ-VP001 East
Entries 1.252648e+07
ADC
QT Input Channel

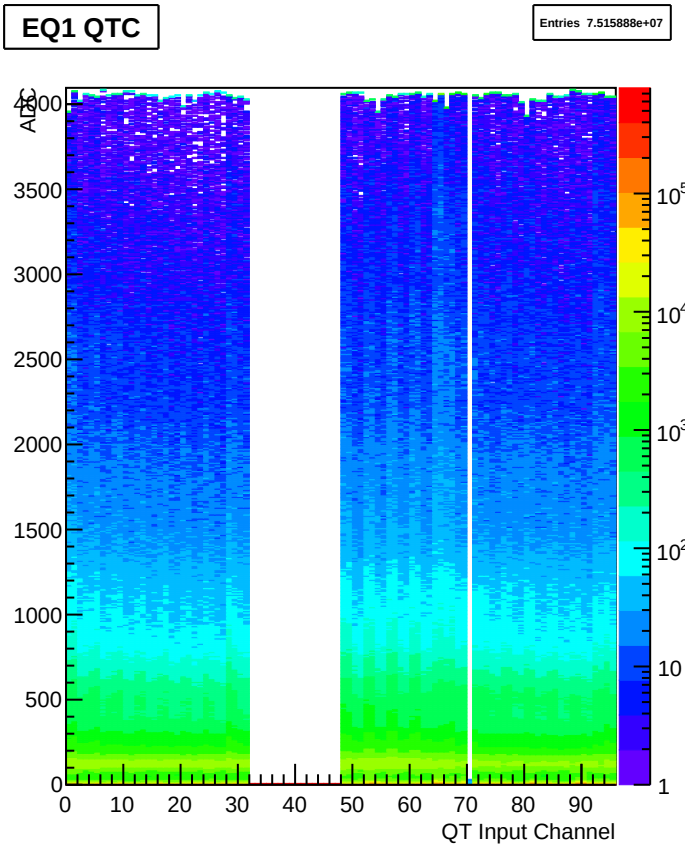

BBQ-VP001 East
Entries 1.252648e+07
ADC
QT Input Channel

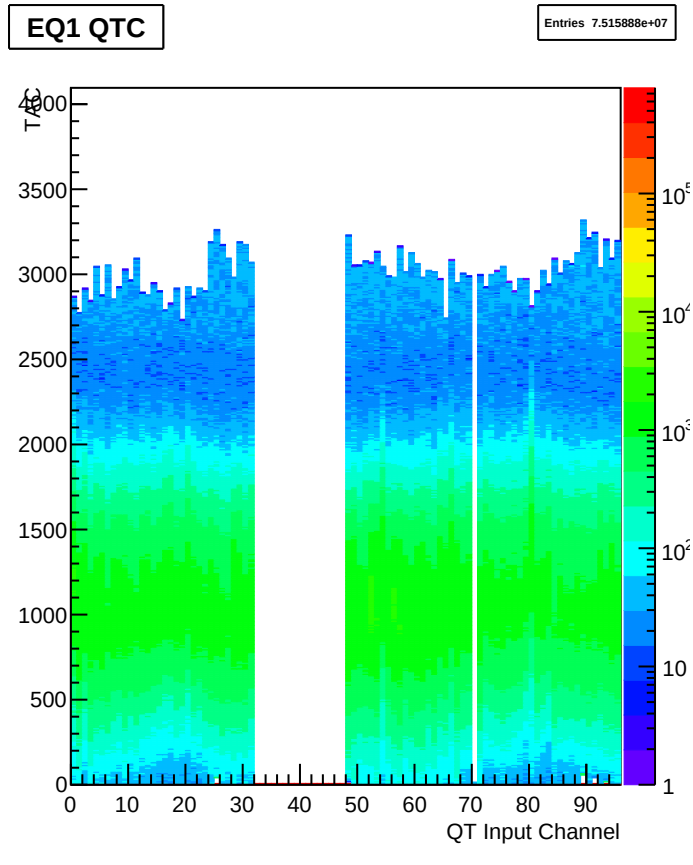

BBQ-VP002 West
Entries 1.252648e+07
ADC
QT Input Channel

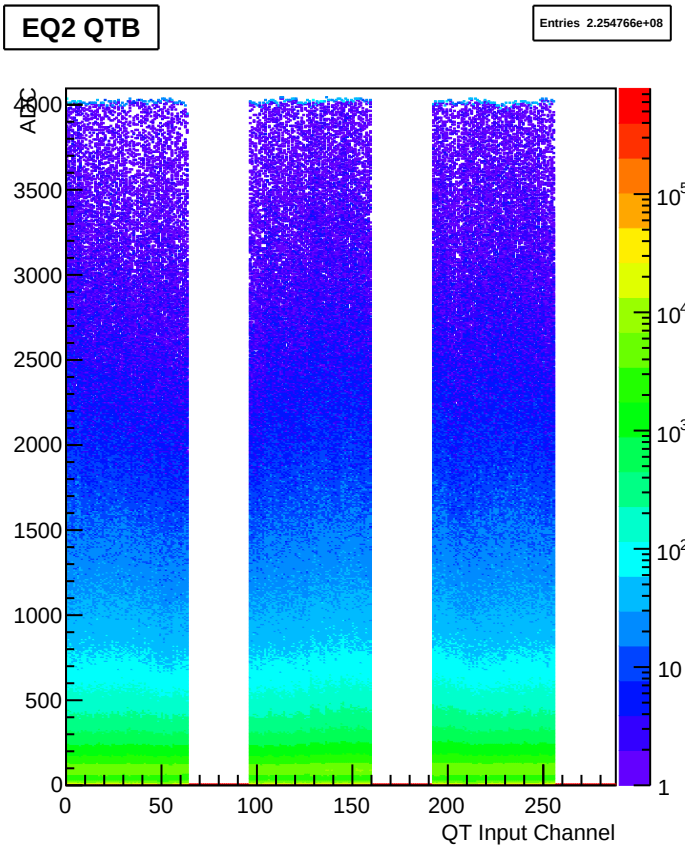

BBQ-VP002 West
Entries 1.252648e+07
ADC
QT Input Channel

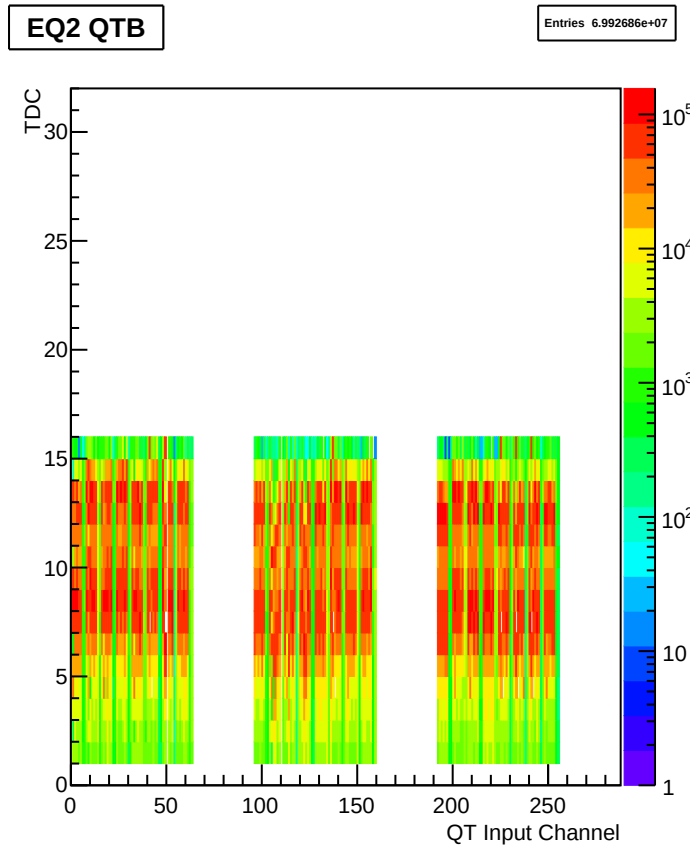

EQ1 QTB
Entries 2.254766e+08
ADC
QT Input Channel

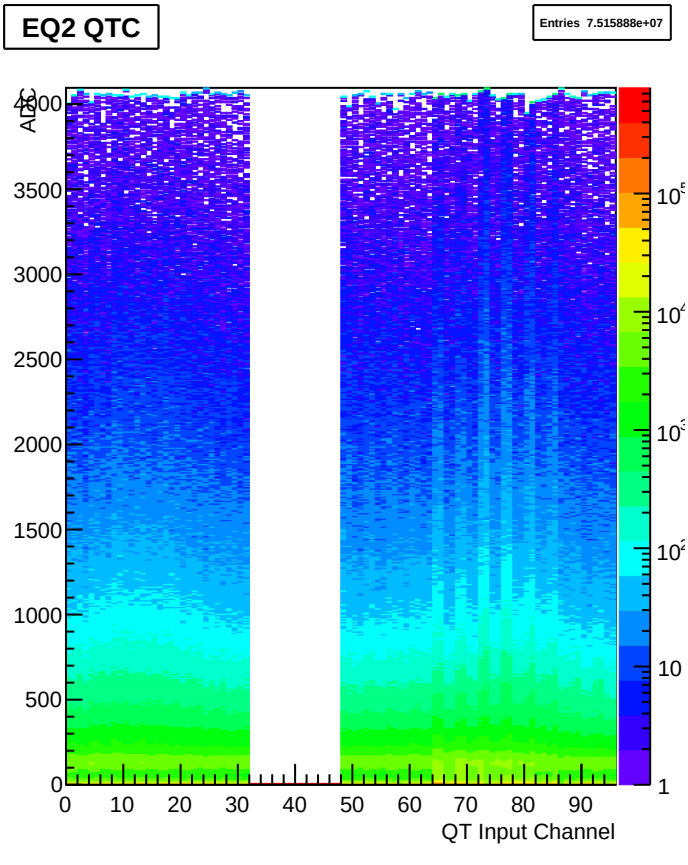

EQ1 QTB
Entries 7.575755e+07
TDC
QT Input Channel

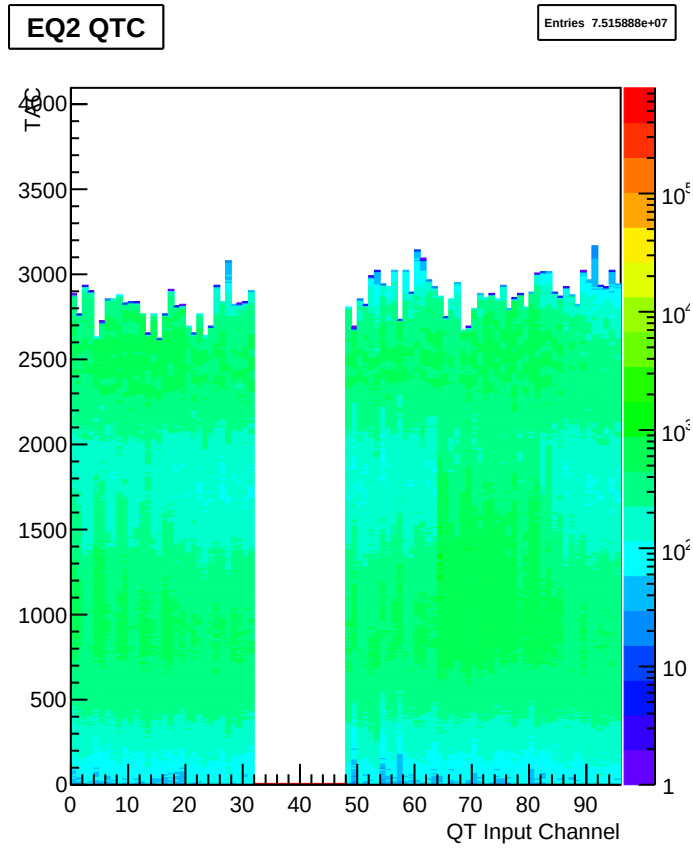

EQ1 QTC
Entries 7.515888e+07
ADC
QT Input Channel

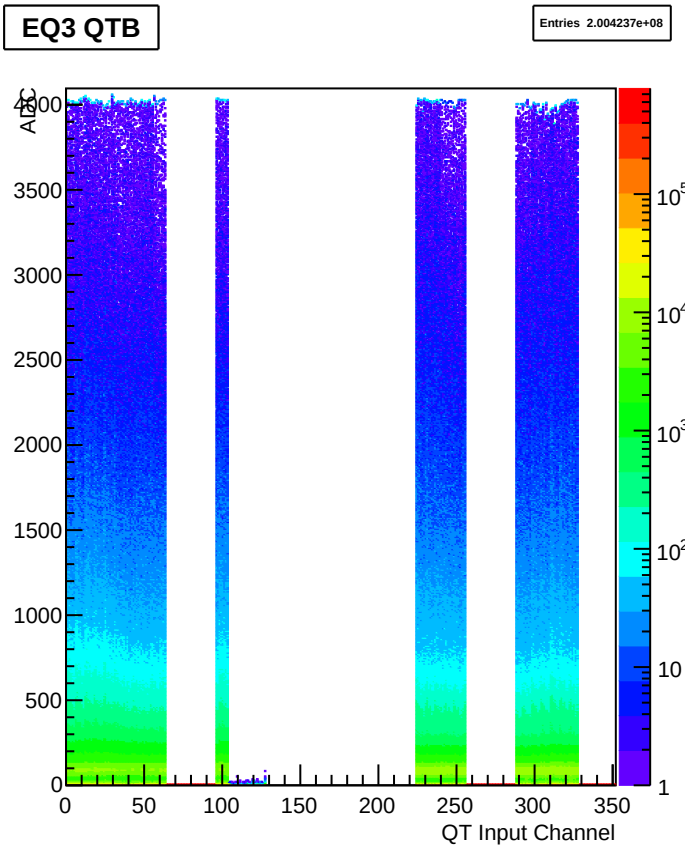

EQ1 QTC
Entries 7.515888e+07
TADC
QT Input Channel

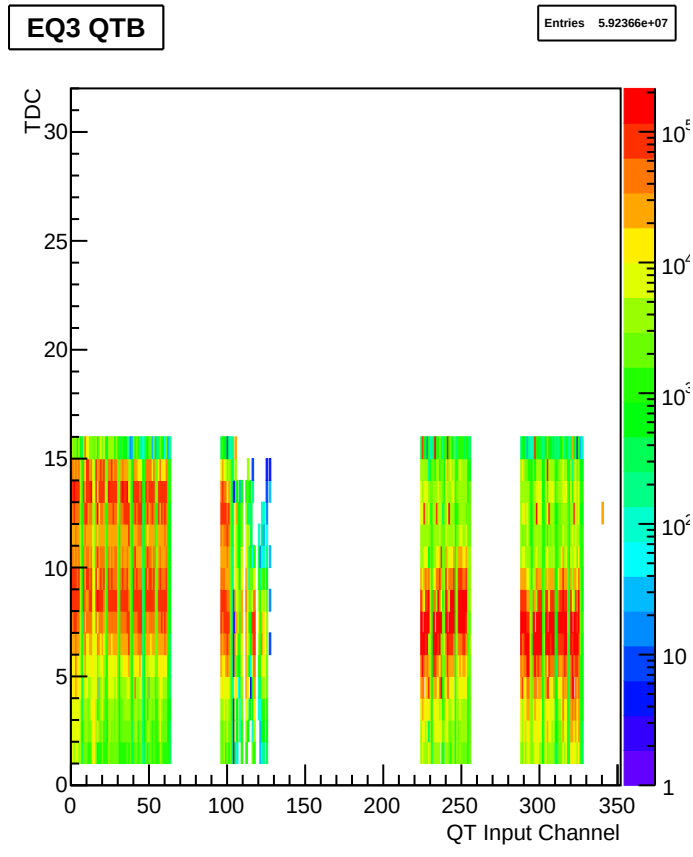

EQ2 QTB
Entries 2.254766e+08
ADC
QT Input Channel

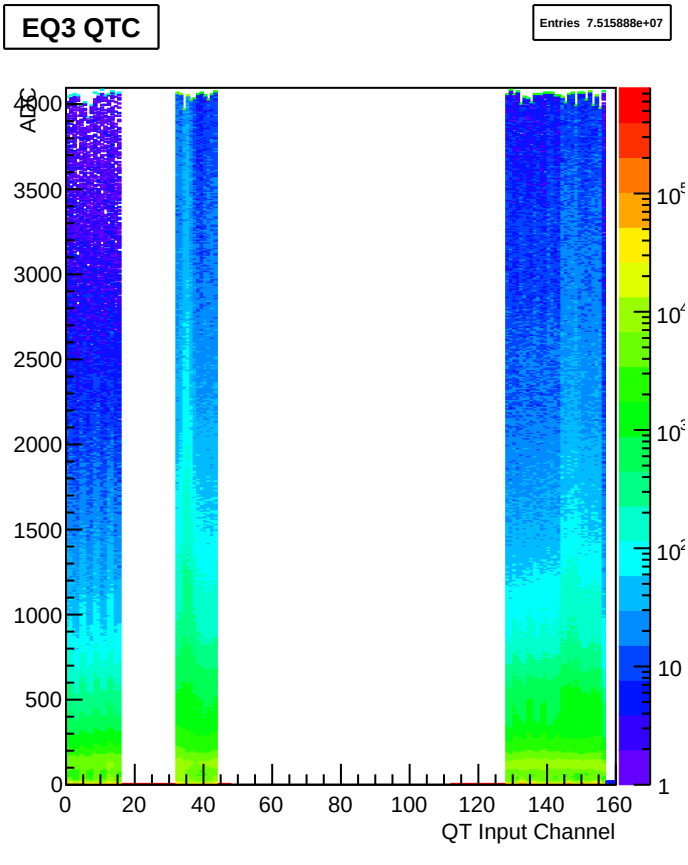

EQ2 QTB
Entries 6.992686e+07
TDC
QT Input Channel

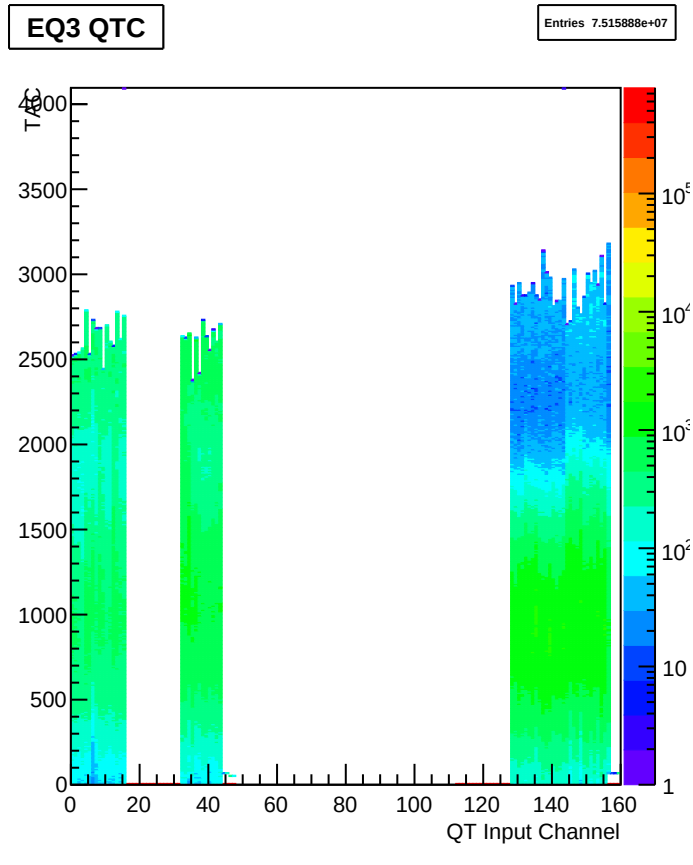

EQ2 QTC
Entries 7.515888e+07
ADC
QT Input Channel

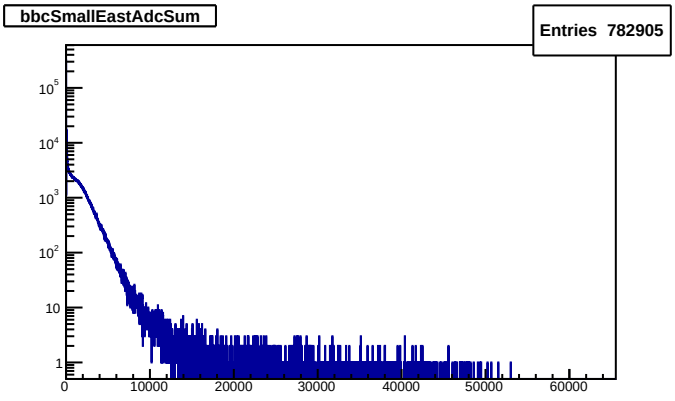

EQ2 QTC
Entries 7.515888e+07
TADC
QT Input Channel

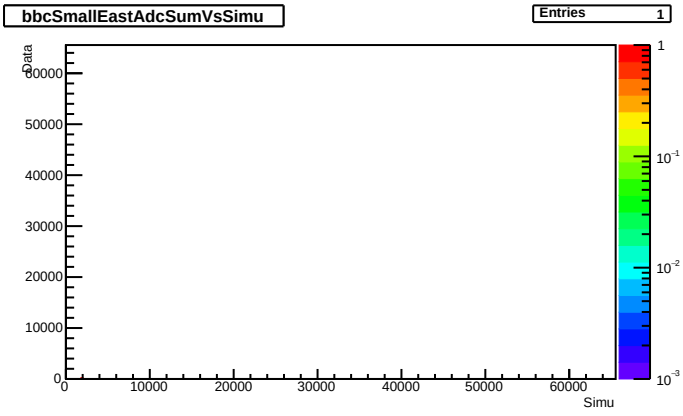

EQ3 QTB
Entries 2.004237e+08
ADC
QT Input Channel

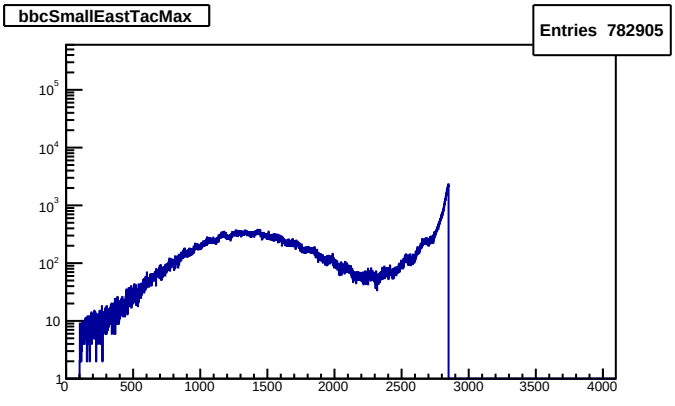

EQ3 QTB
Entries 5.92366e+07
TDC
QT Input Channel

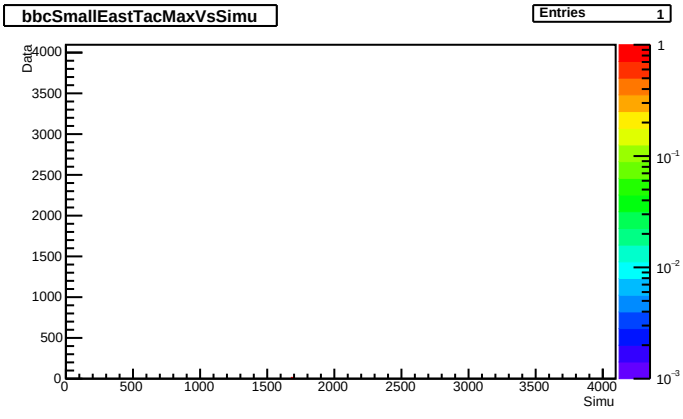

EQ3 QTC
Entries 7.515888e+07
ADC
QT Input Channel

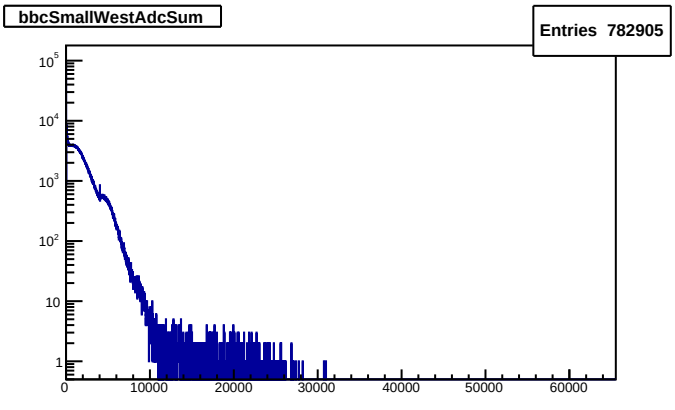

EQ3 QTC
Entries 7.515888e+07
TADC
QT Input Channel

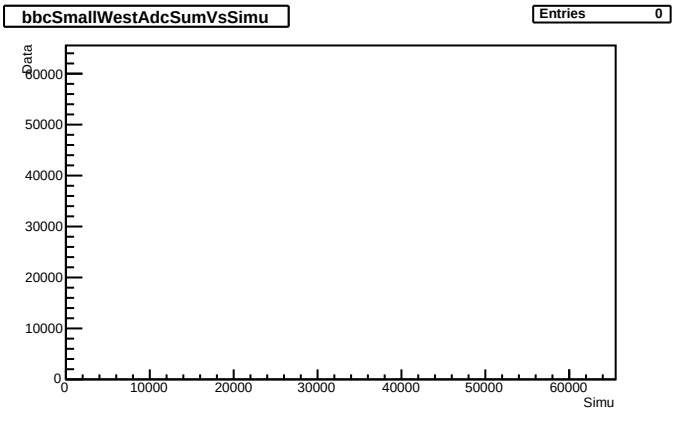

bbcSmallEastAdcSum
Entries 782905

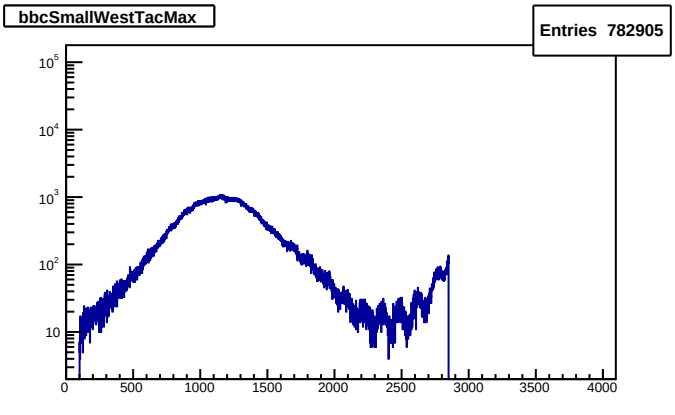

bbcSmallEastAdcSumVsSimu
Entries 1
Data
Simu


bbcSmallEastTacMax
Entries 782905


bbcSmallEastTacMaxVsSimu
Entries 1
Data
Simu


bbcSmallWestAdcSum
Entries 782905


bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu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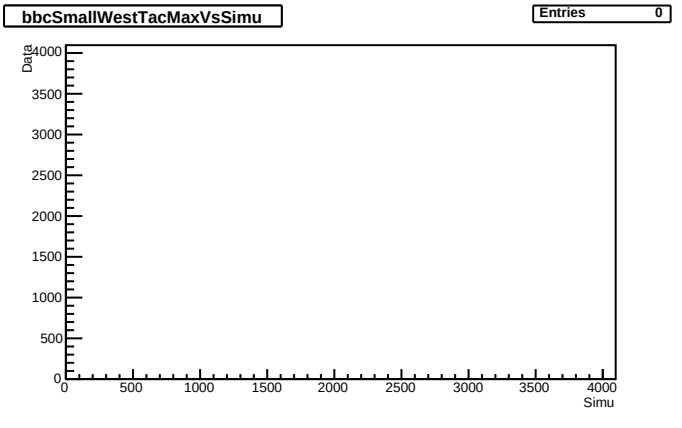
Entries 782905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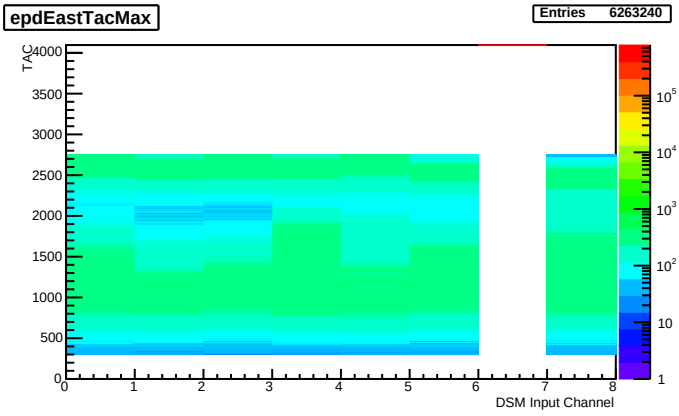
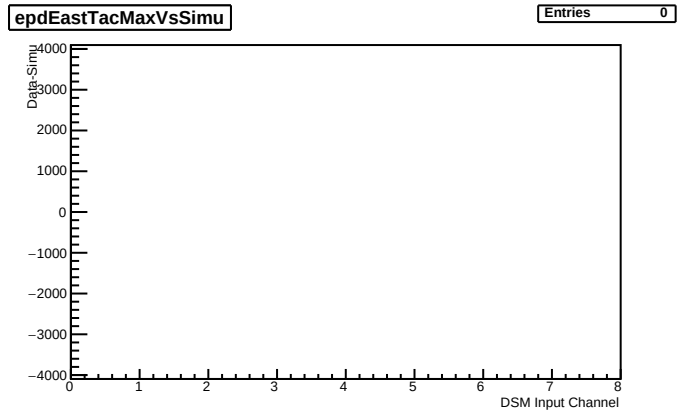
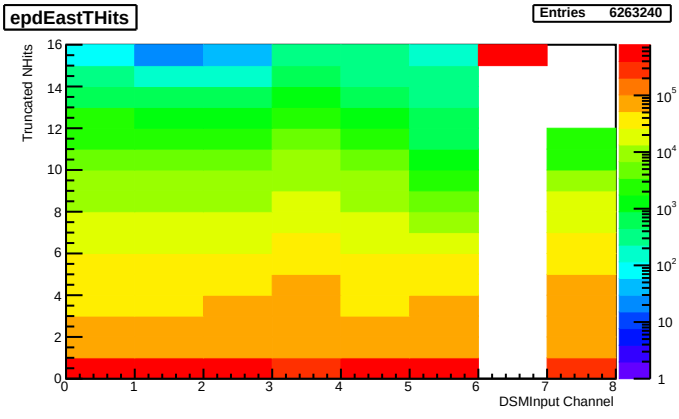
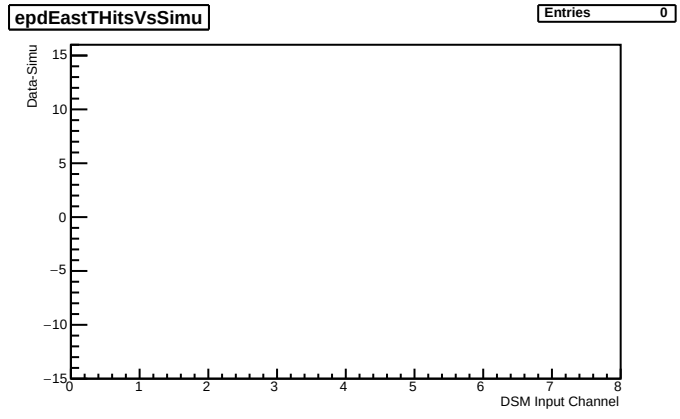
Entries 0
Data
Simu


epdEastTacMax
Entries 6263240
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 6263240
Truncated NHits
DSMInput Channel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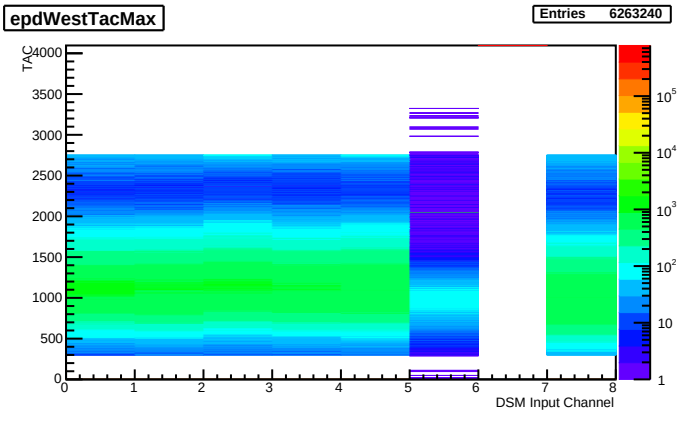
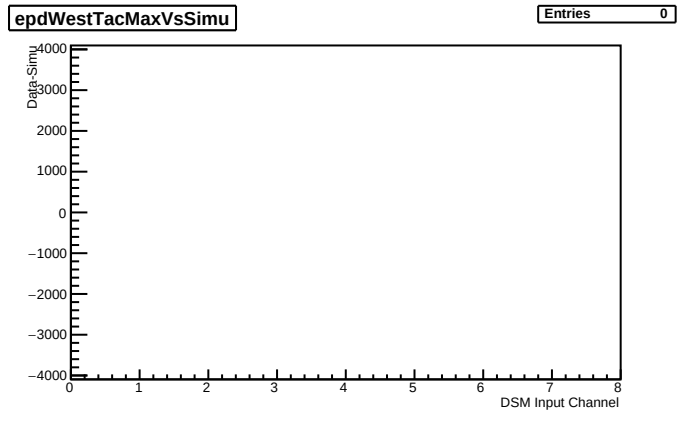
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 6263240
TAC
DSM Input Channel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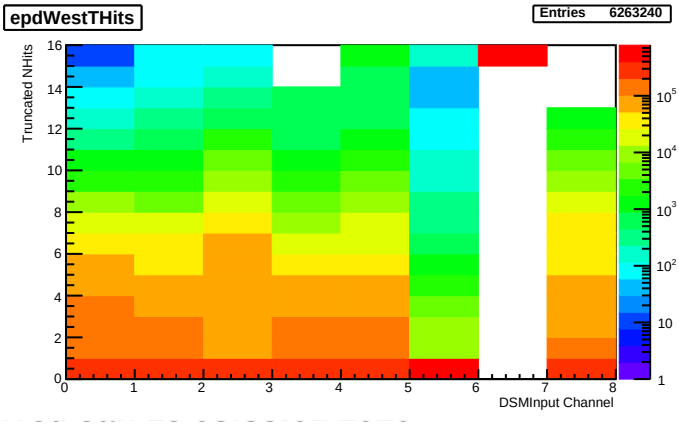
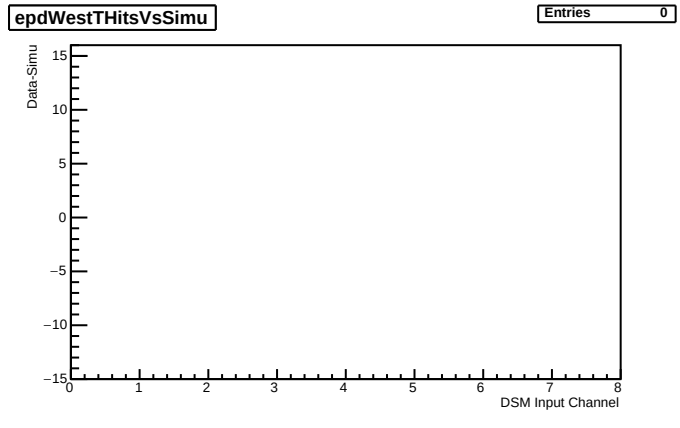
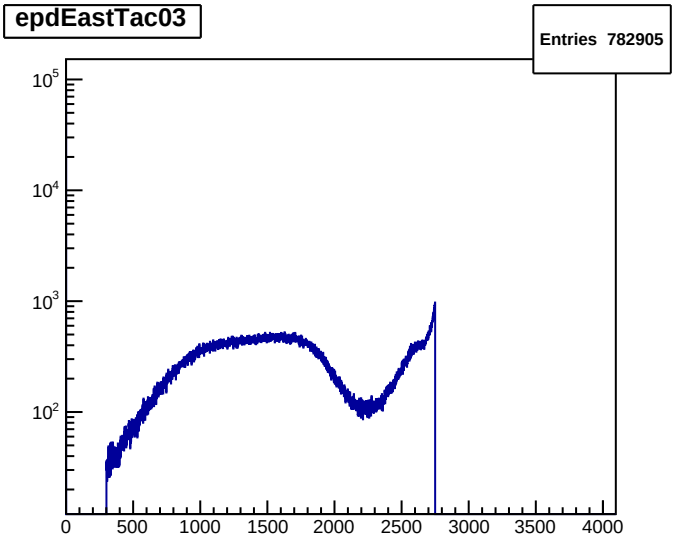
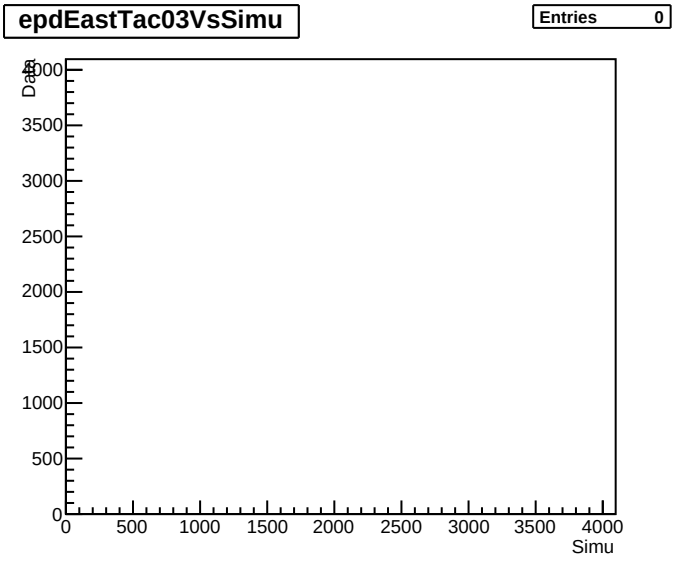
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 6263240
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 782905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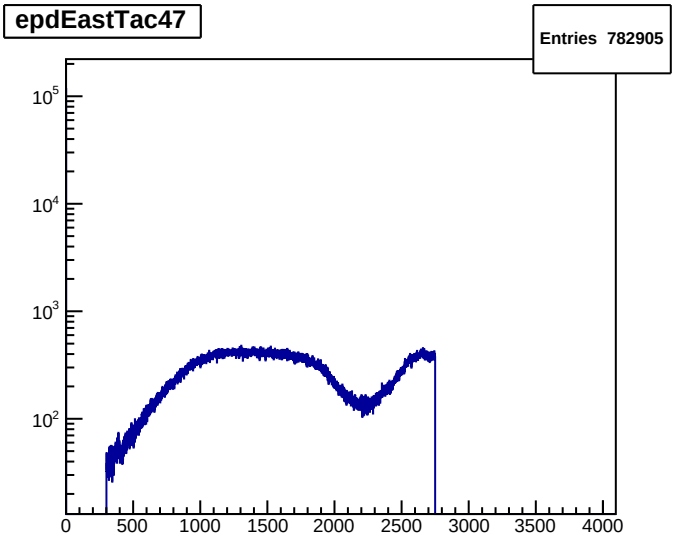
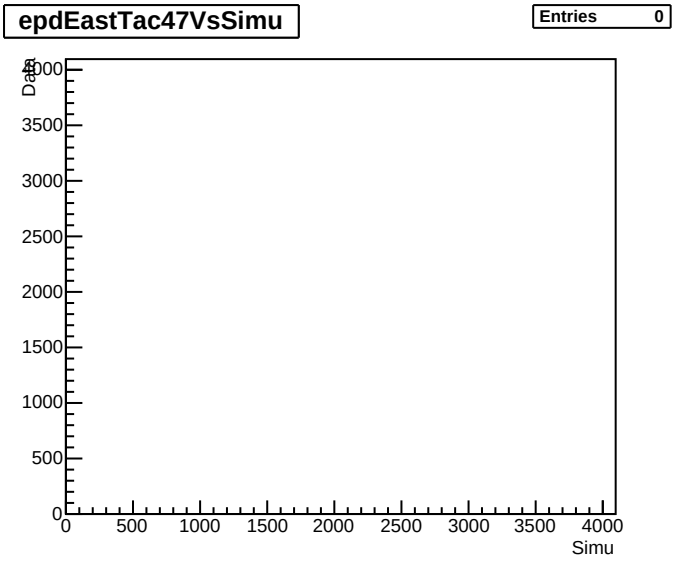
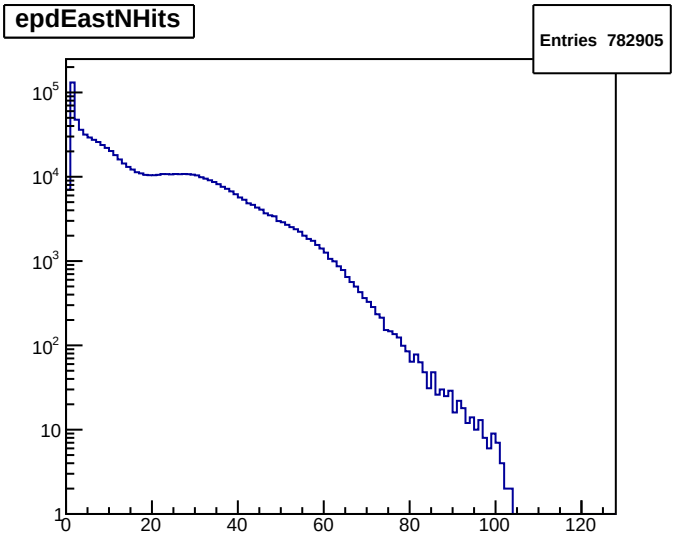
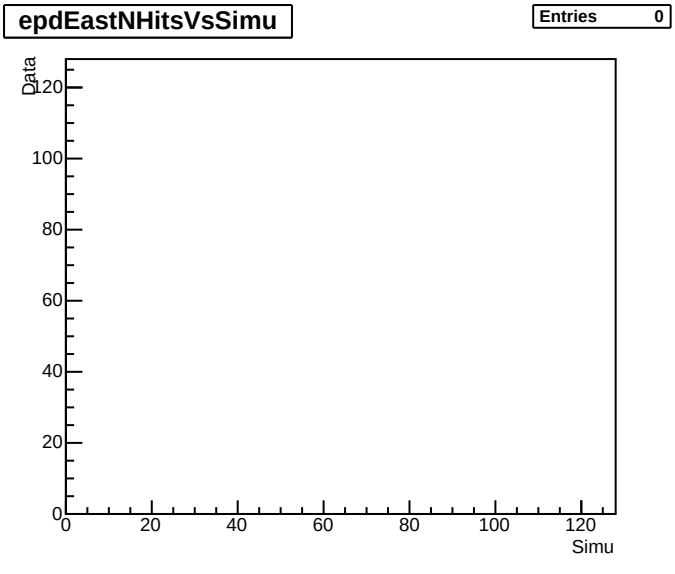
Entries 0
Data
Simu


epdEastTac47
Entries 782905


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 782905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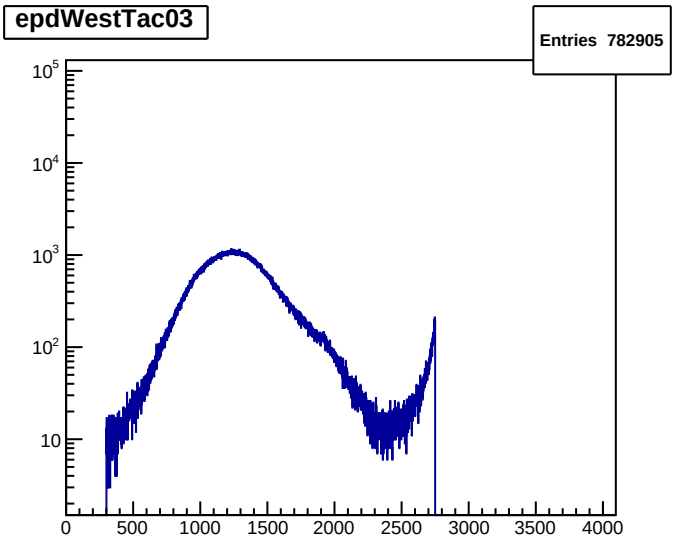
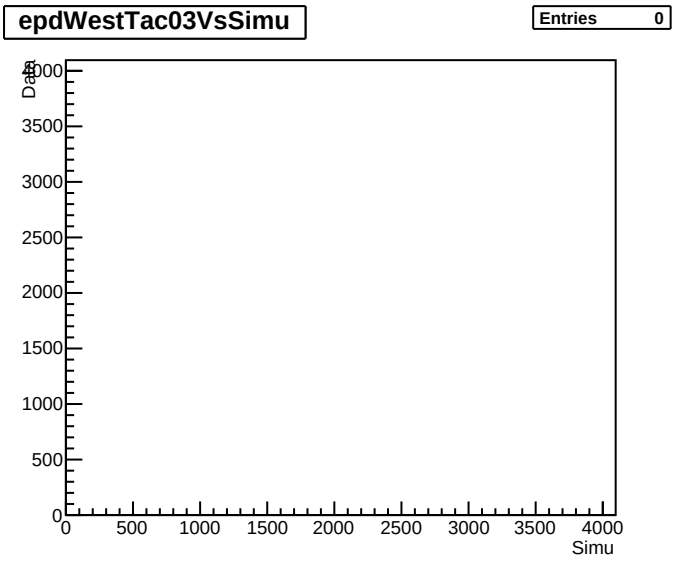
Entries 0
Data
Simu


epdWestTac03
Entries 782905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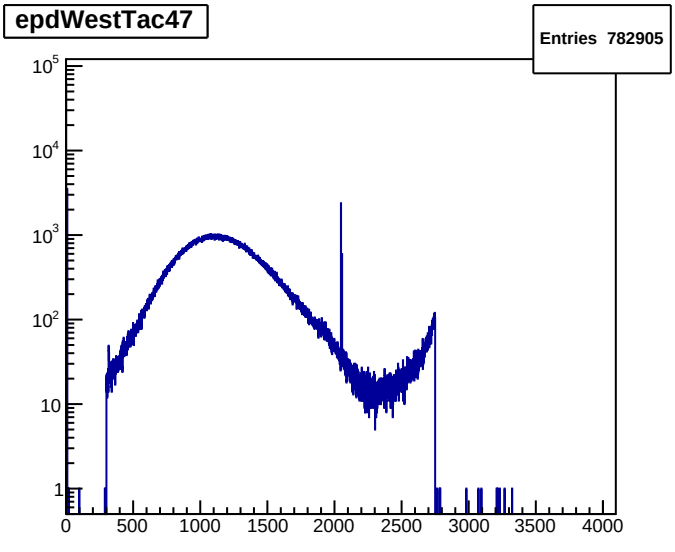
Entries 0
Data
Simu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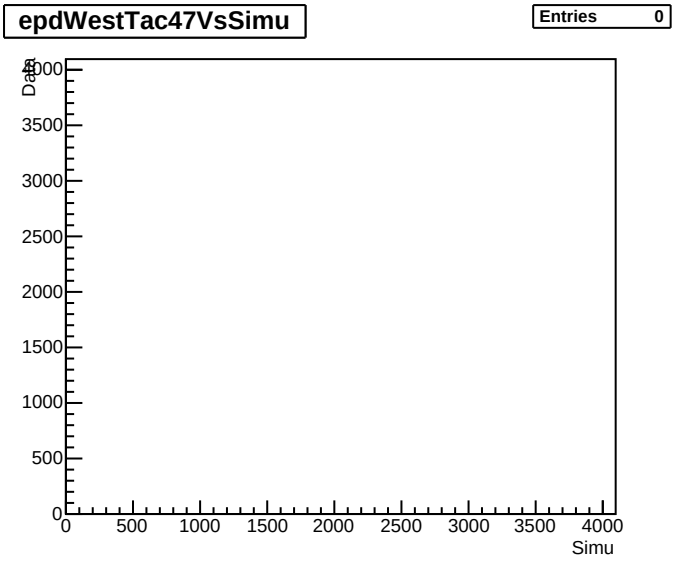
Entries 782905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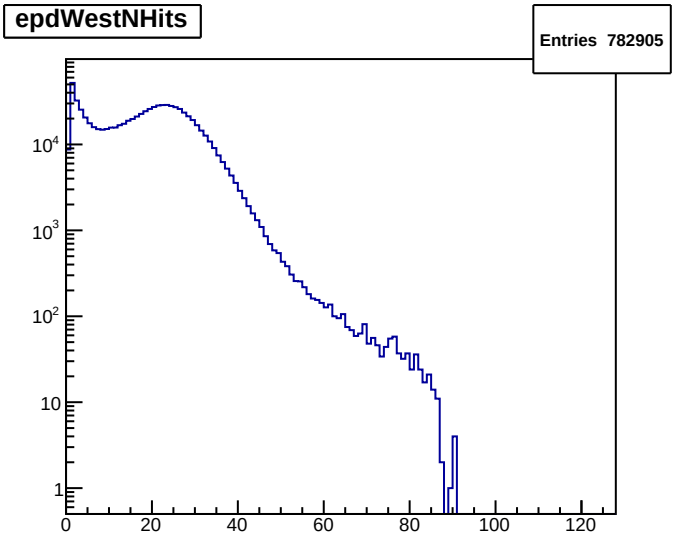
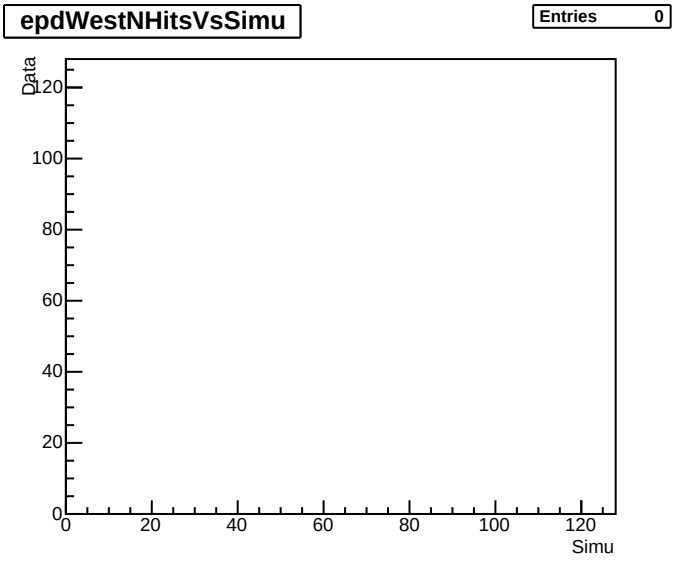
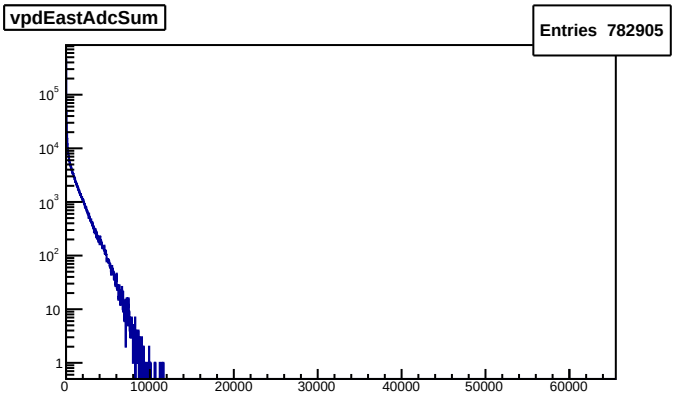
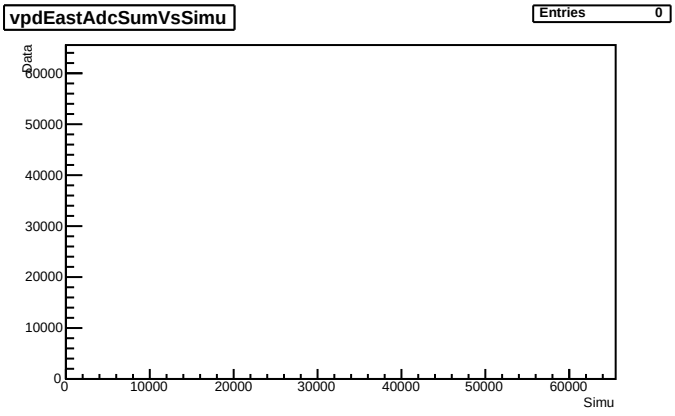
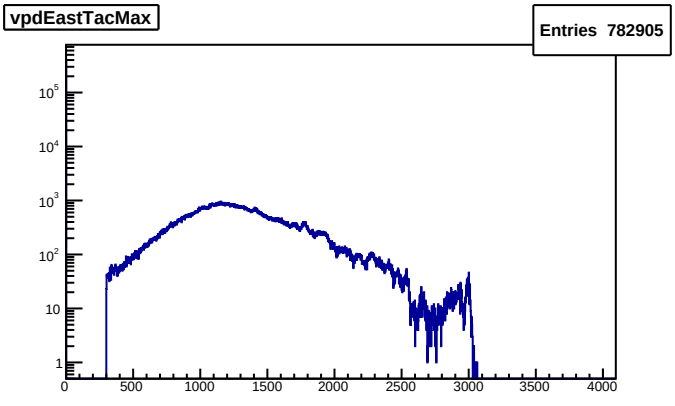
Entries 0
Data
Simu

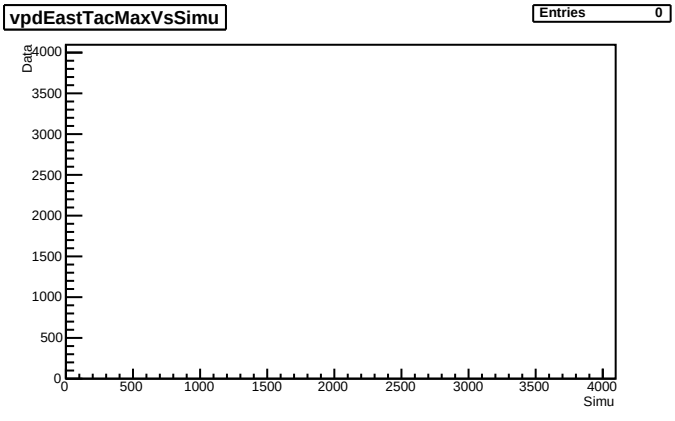

epdWestNHits
Entries 782905


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 782905


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 782905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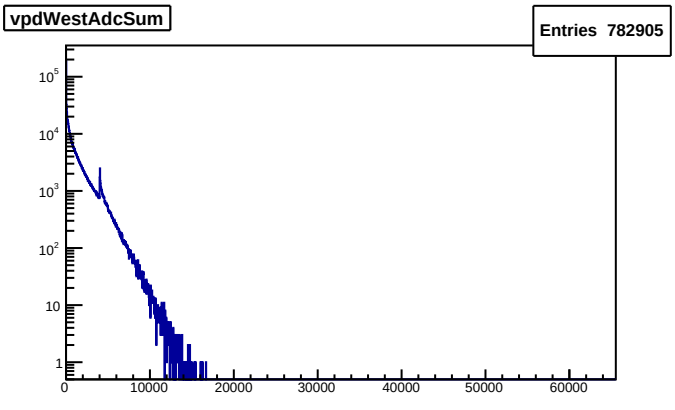
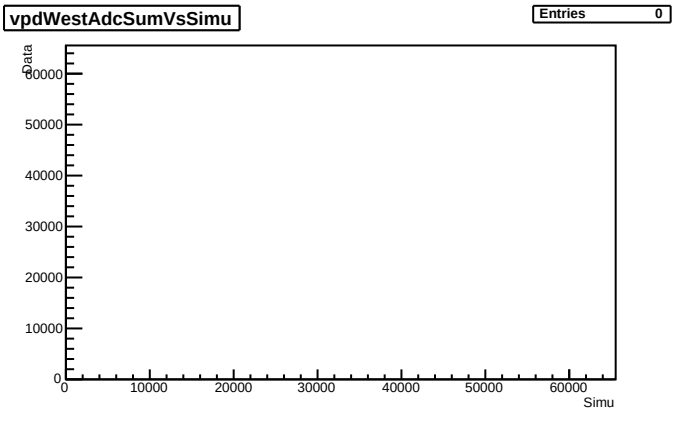
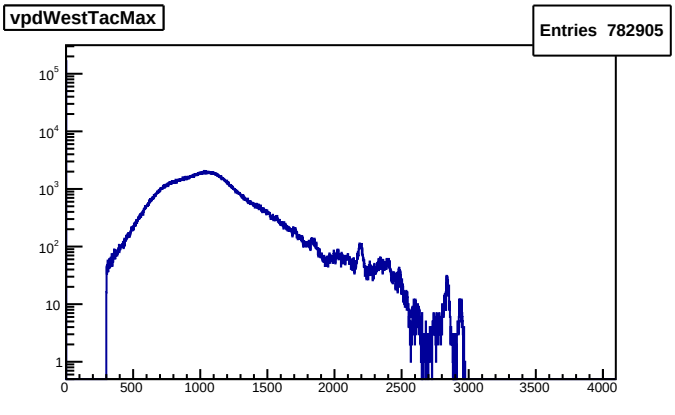
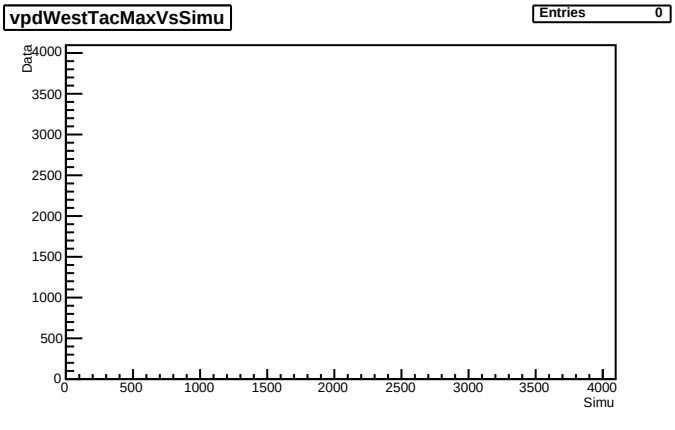
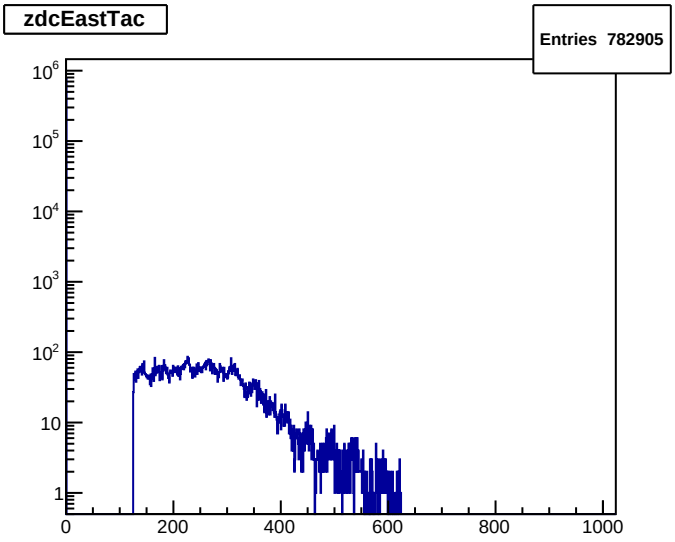
Entries 0
Data
Simu

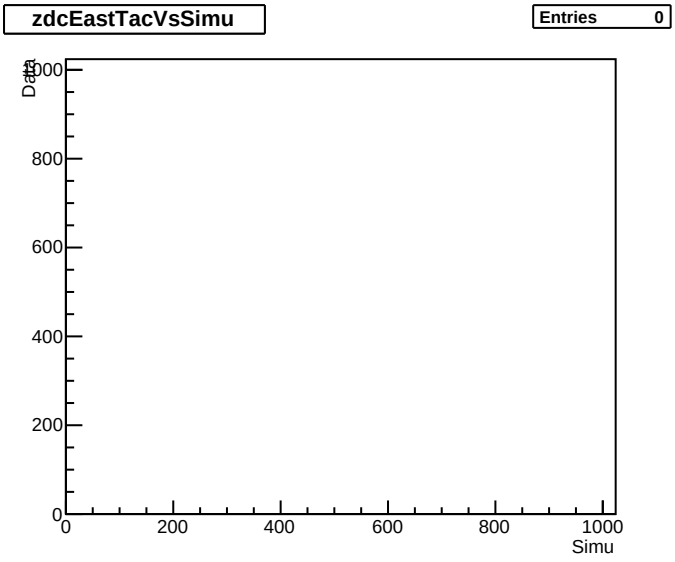

vpdWestAdcSum
Entries 782905

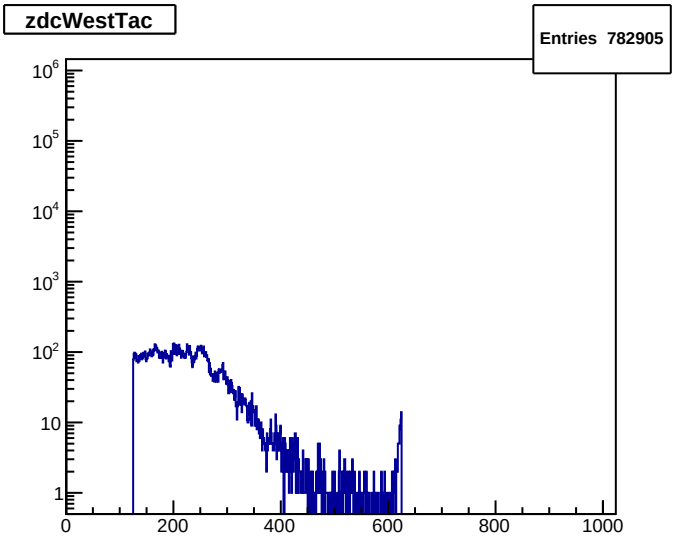

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

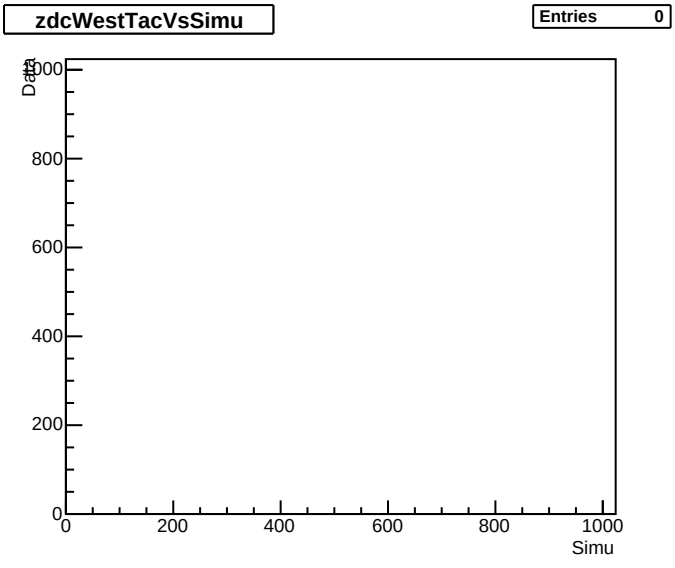

vpdWestTacMax
Entries 782905

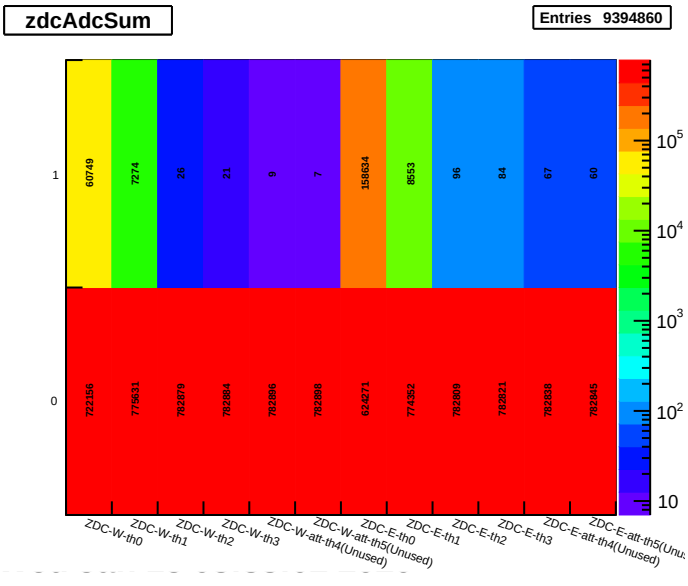

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

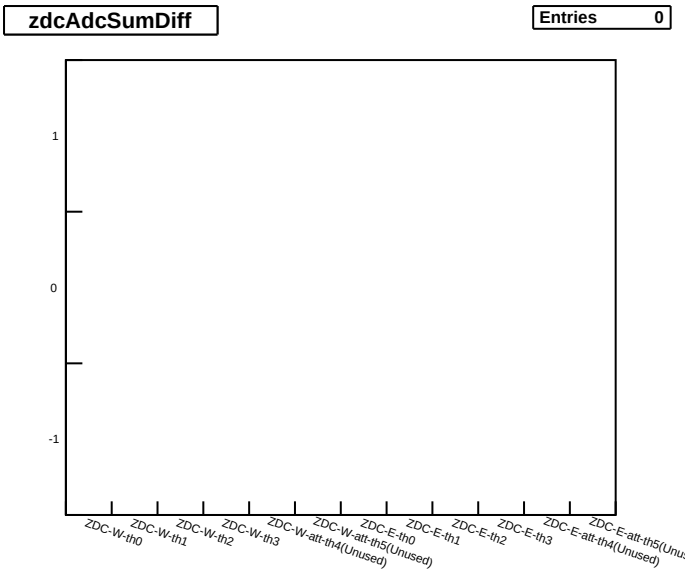

zdcEastTac
Entries 782905

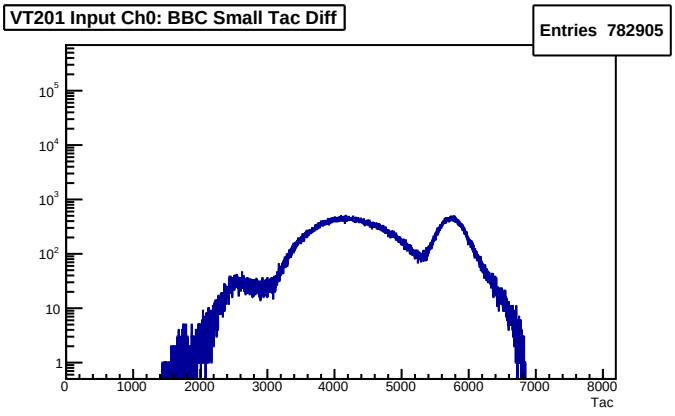

zdcEastTacVsSimu
Entries 0
Data
Simu

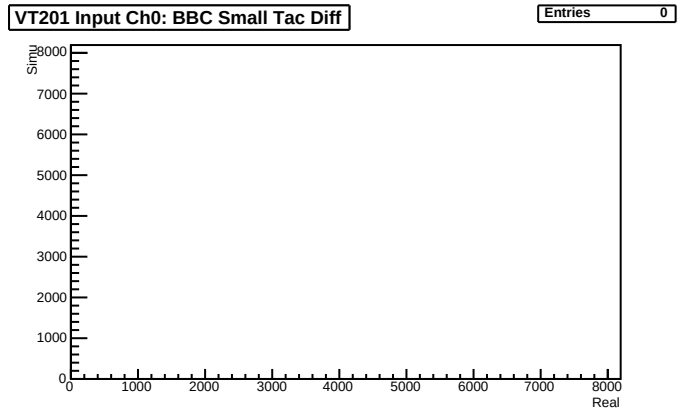

zdcWestTac
Entries 782905

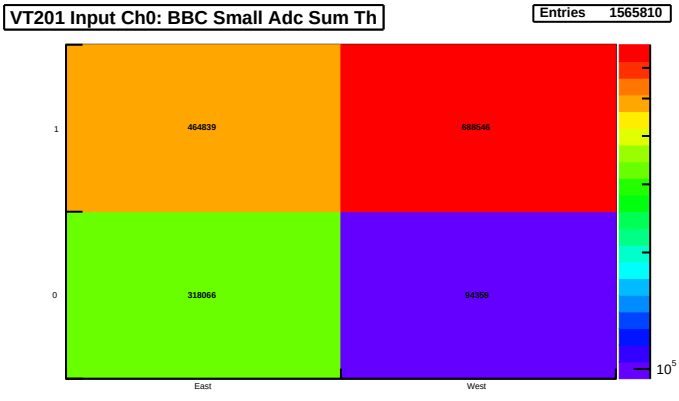

zdcWestTacVsSimu
Entries 0
Data
Simu

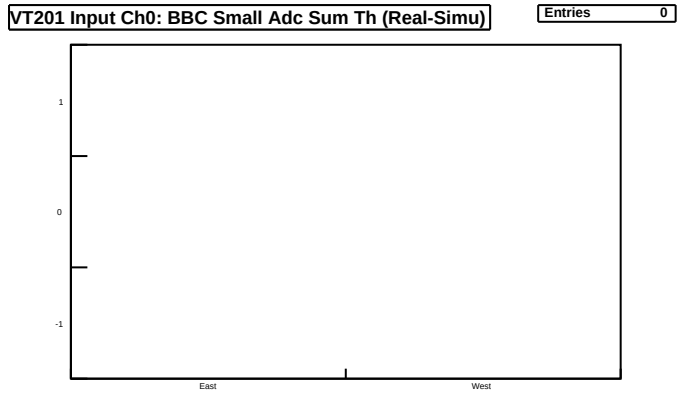

zdcAdcSum
Entries 9394860
60749
7274
26
21
9
7
158634
8553
96
84
67
60
722156
775631
782879
782884
782896
782898
624271
774352
782809
782821
782838
782845
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

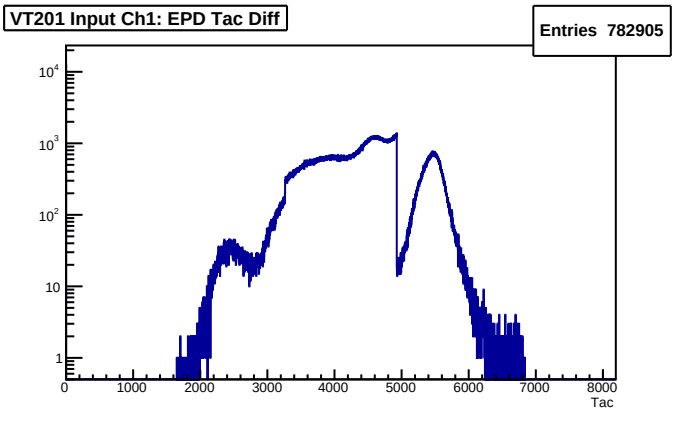

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

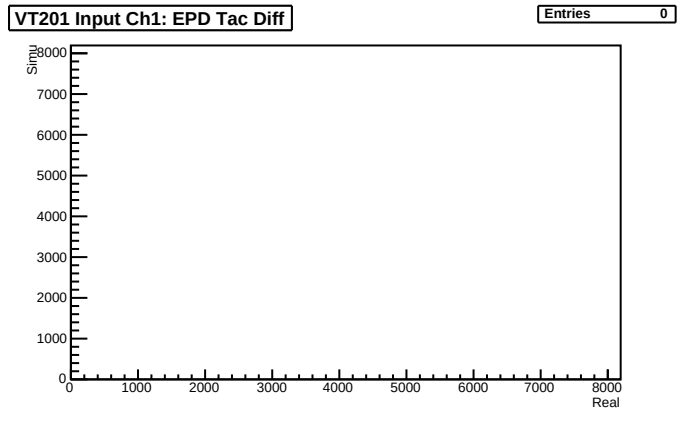

VT201 Input Ch0: BBC Small Tac Diff
Entries 782905
Tac

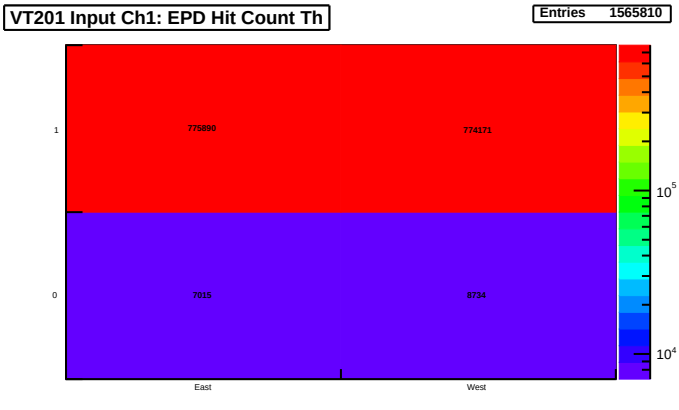

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

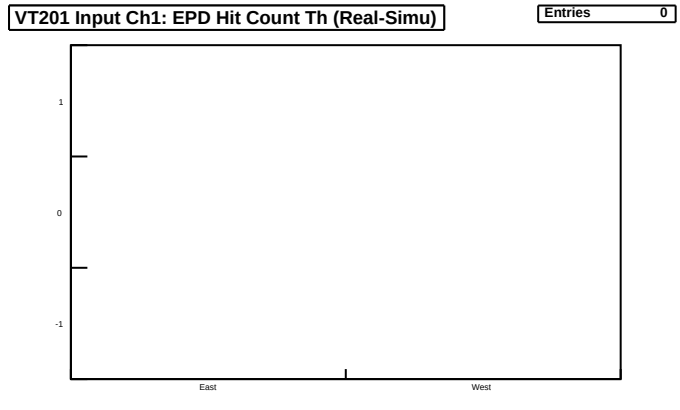

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1565810
464839
688546
318066
94359
East
West

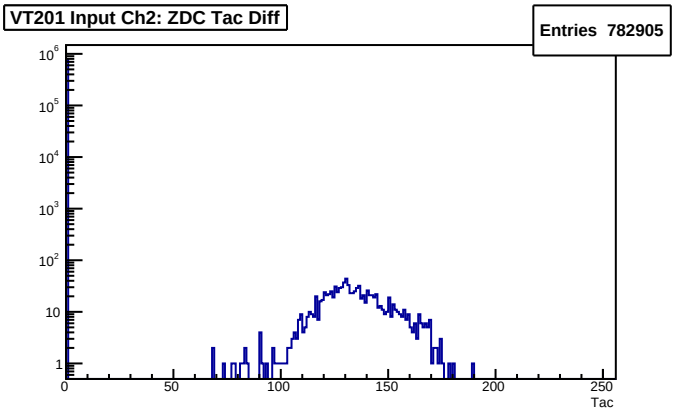

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

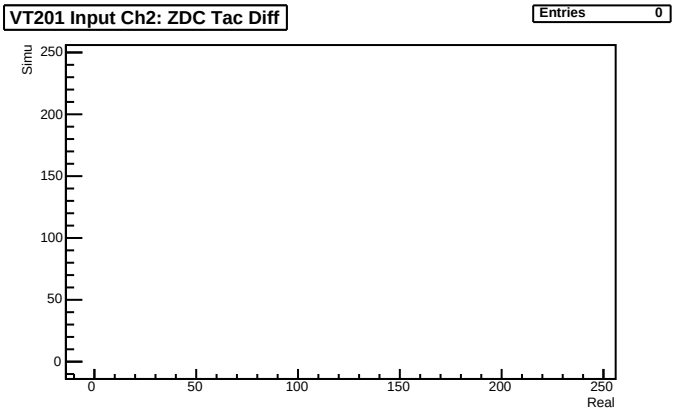

VT201 Input Ch1: EPD Tac Diff
Entries 782905
Tac

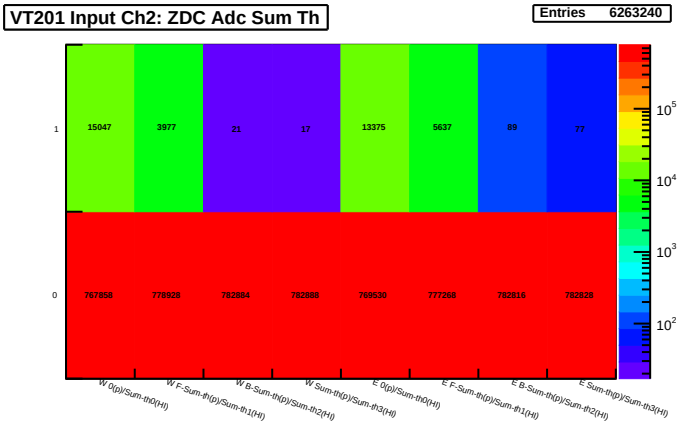

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

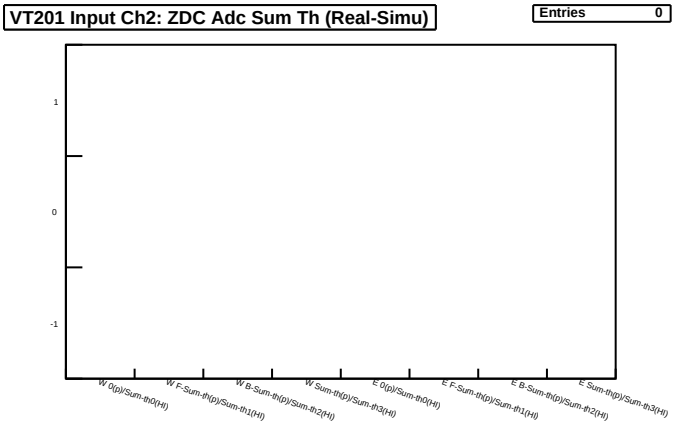

VT201 Input Ch1: EPD Hit Count Th
Entries 1565810
775890
774171
7015
8734
East
West

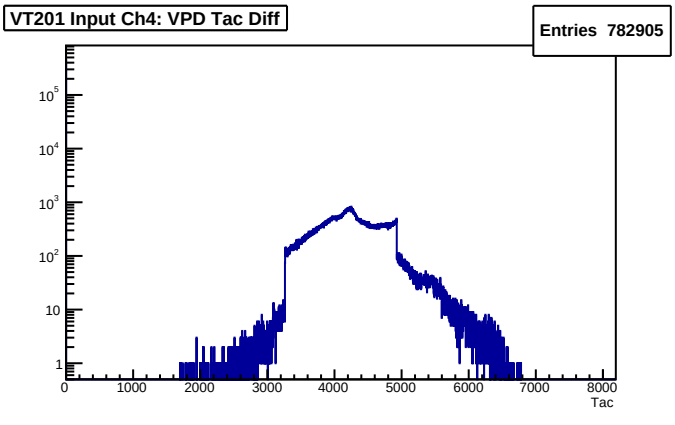

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

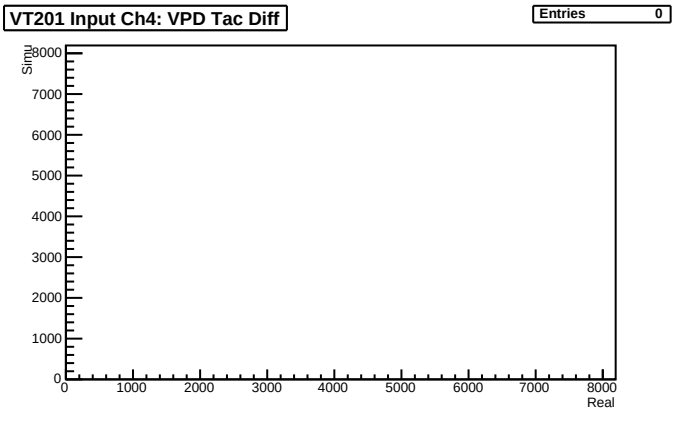

VT201 Input Ch2: ZDC Tac Diff
Entries 782905
Tac

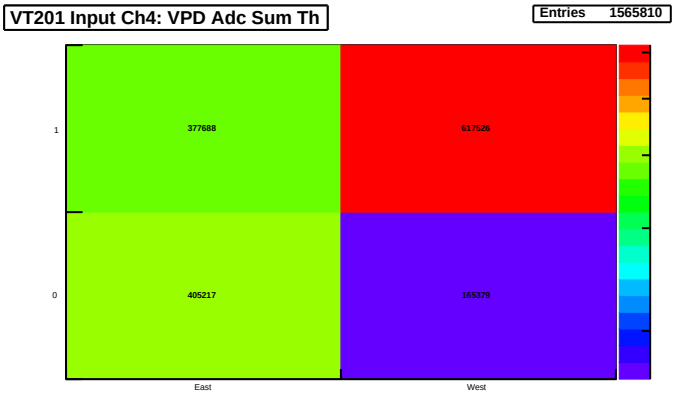

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

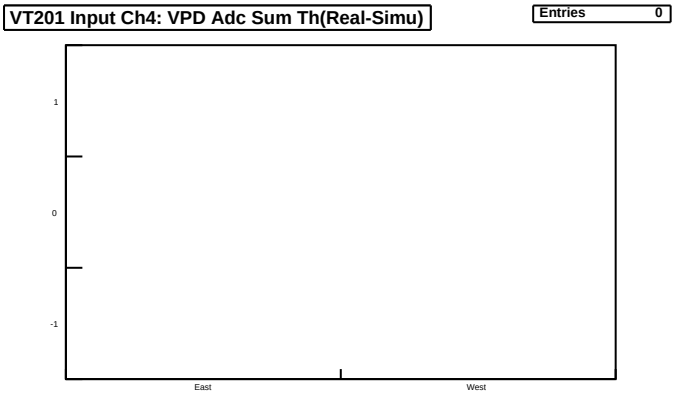

VT201 Input Ch2: ZDC Adc Sum Th
Entries 6263240
15047
3977
21
17
13375
5637
89
77
767858
778928
782884
782888
769530
777268
782816
782828
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

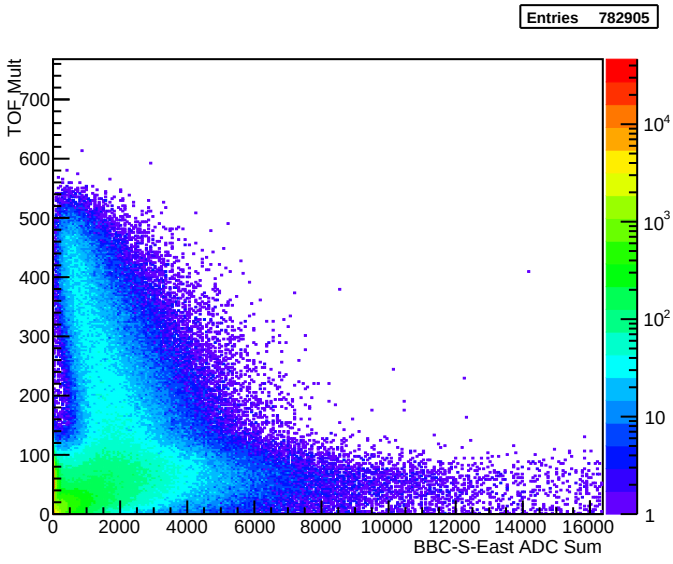

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

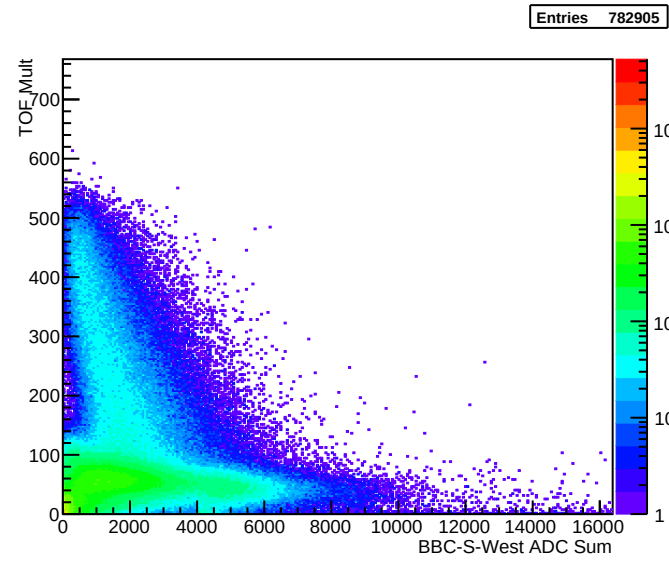

VT201 Input Ch4: VPD Tac Diff
Entries 782905
Tac

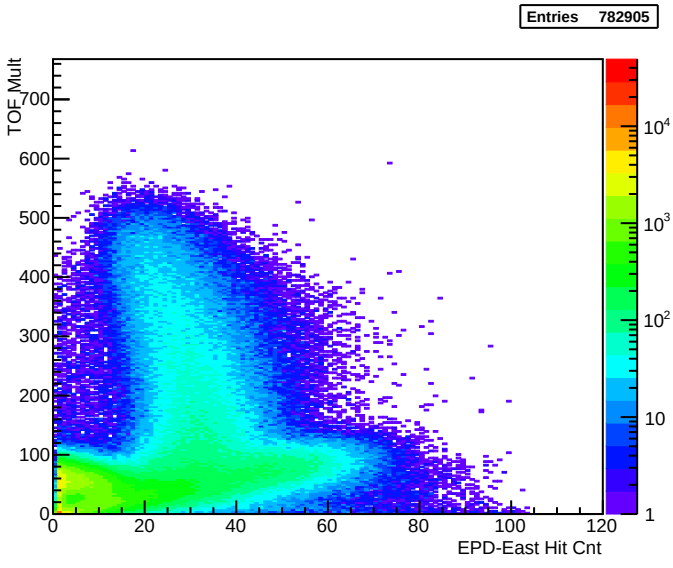

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

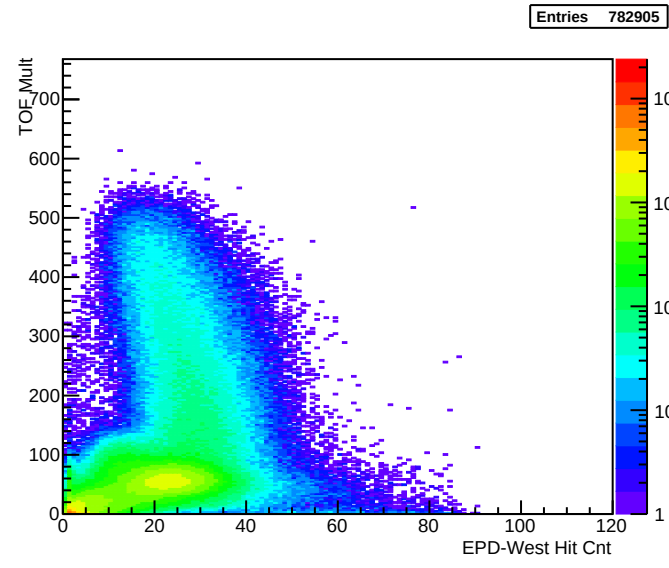

VT201 Input Ch4: VPD Adc Sum Th
Entries 1565810
377688
617526
405217
165379
East
West

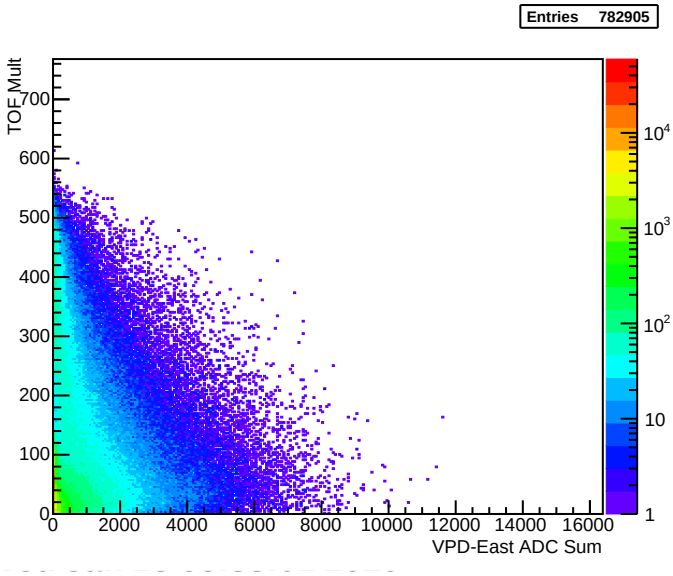

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

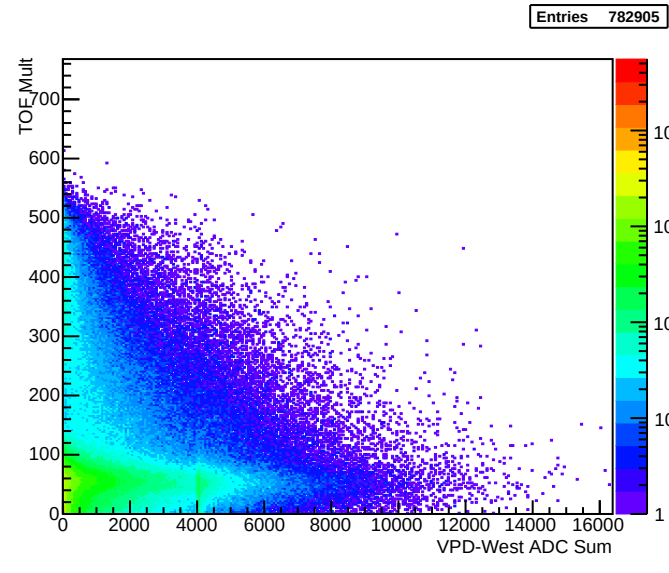

Entries 782905
TOF_Mult
BBC-S-East ADC Sum

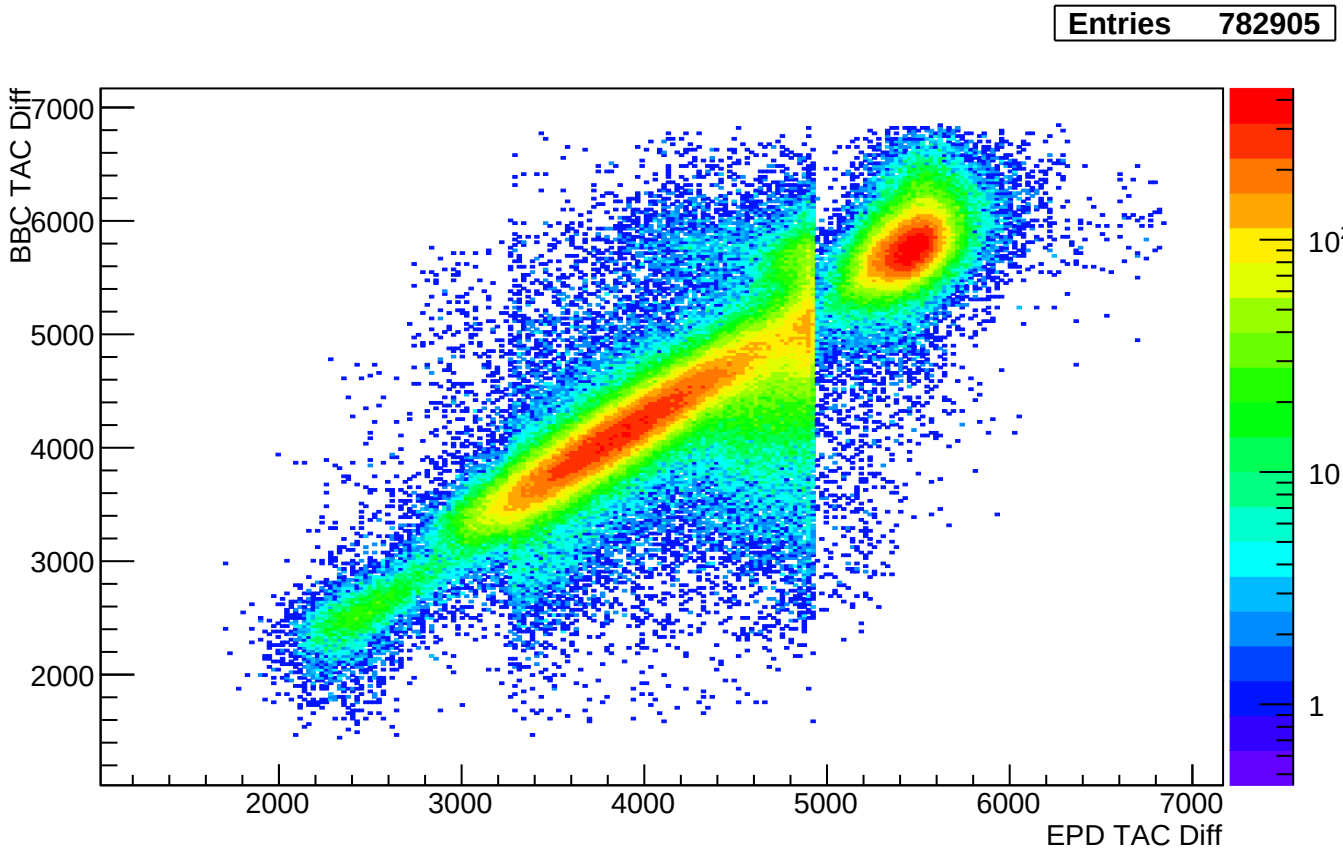

Entries 782905
TOF_Mult
BBC-S-West ADC Sum

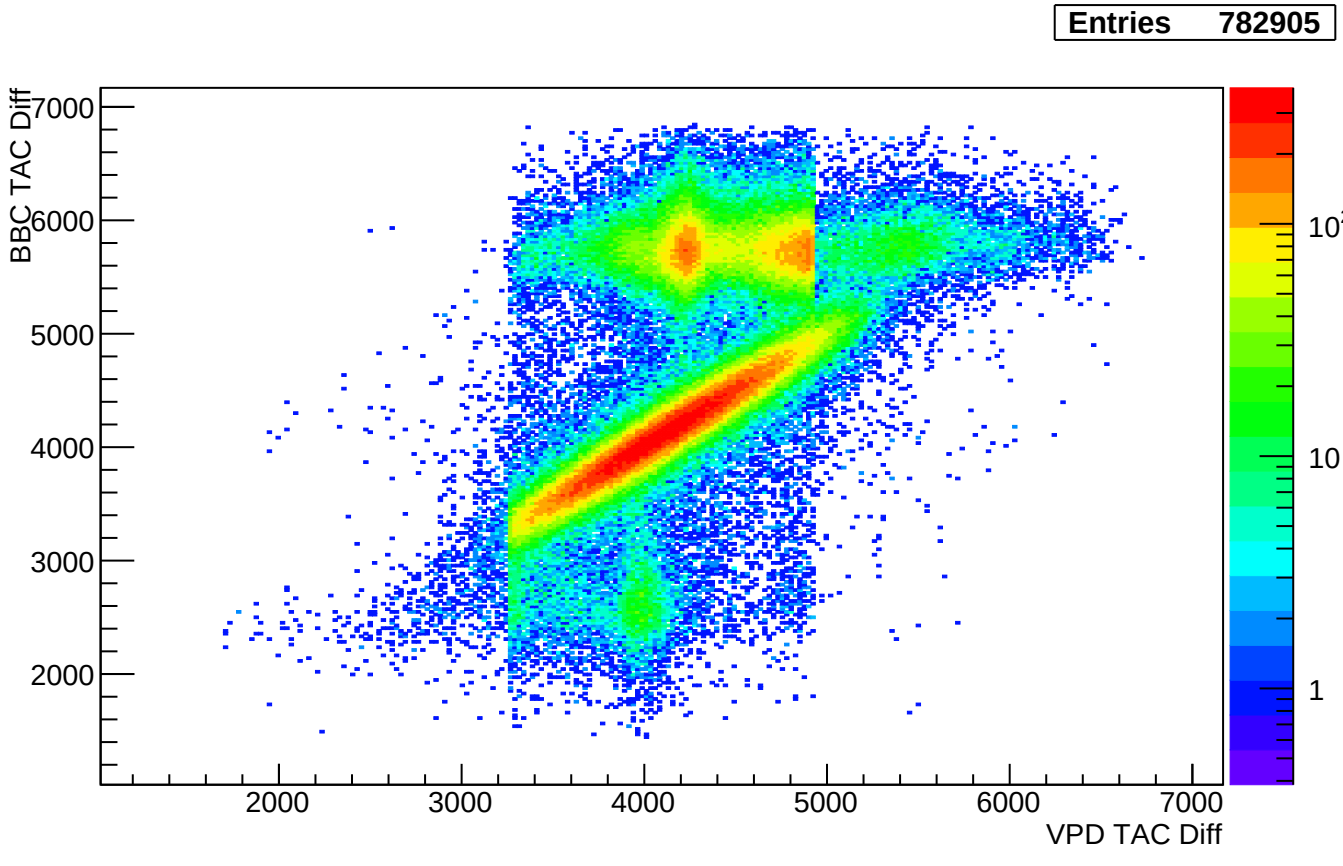

Entries 782905
TOF_Mult
EPD-East Hit Cnt

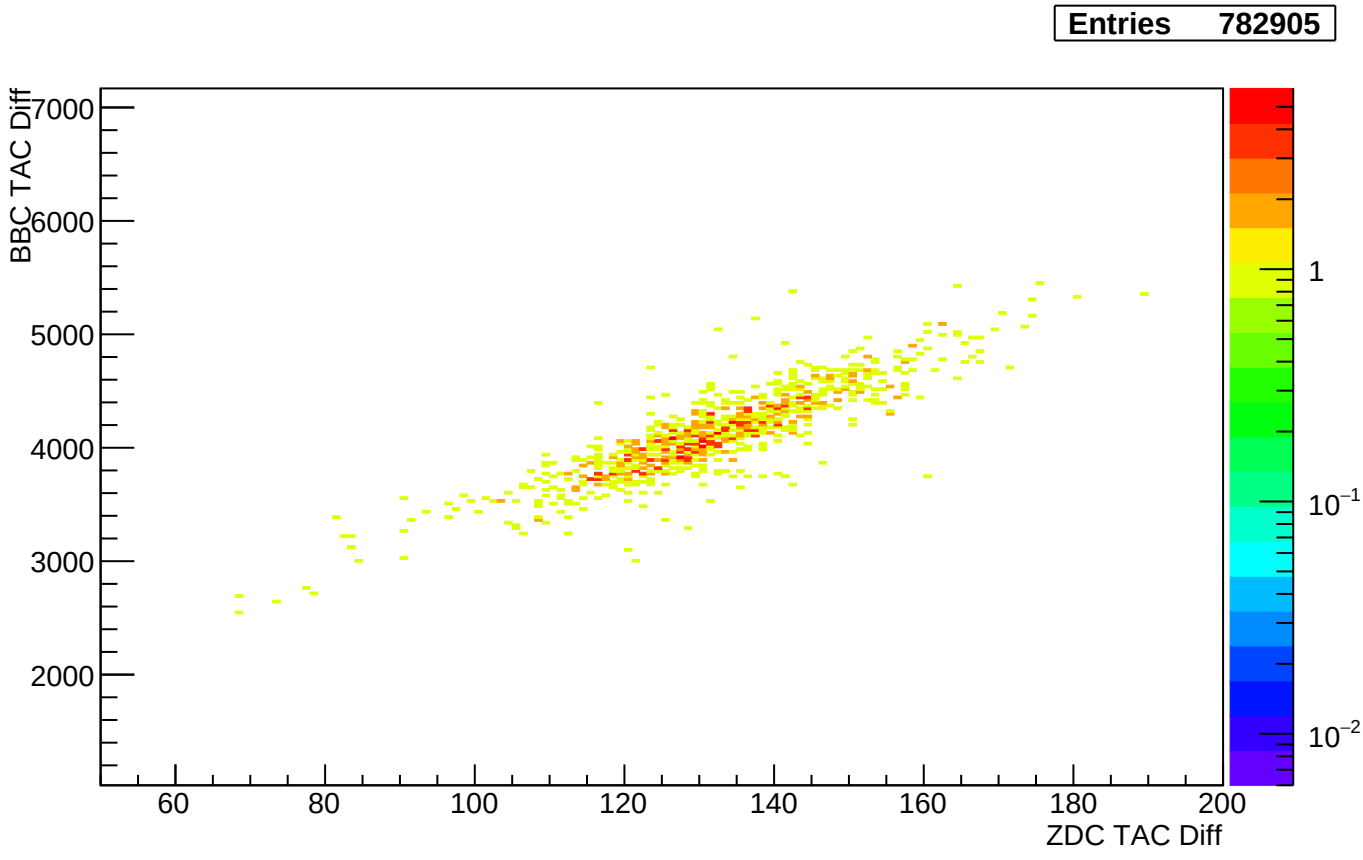

Entries 782905
TOF_Mult
EPD-West Hit Cnt

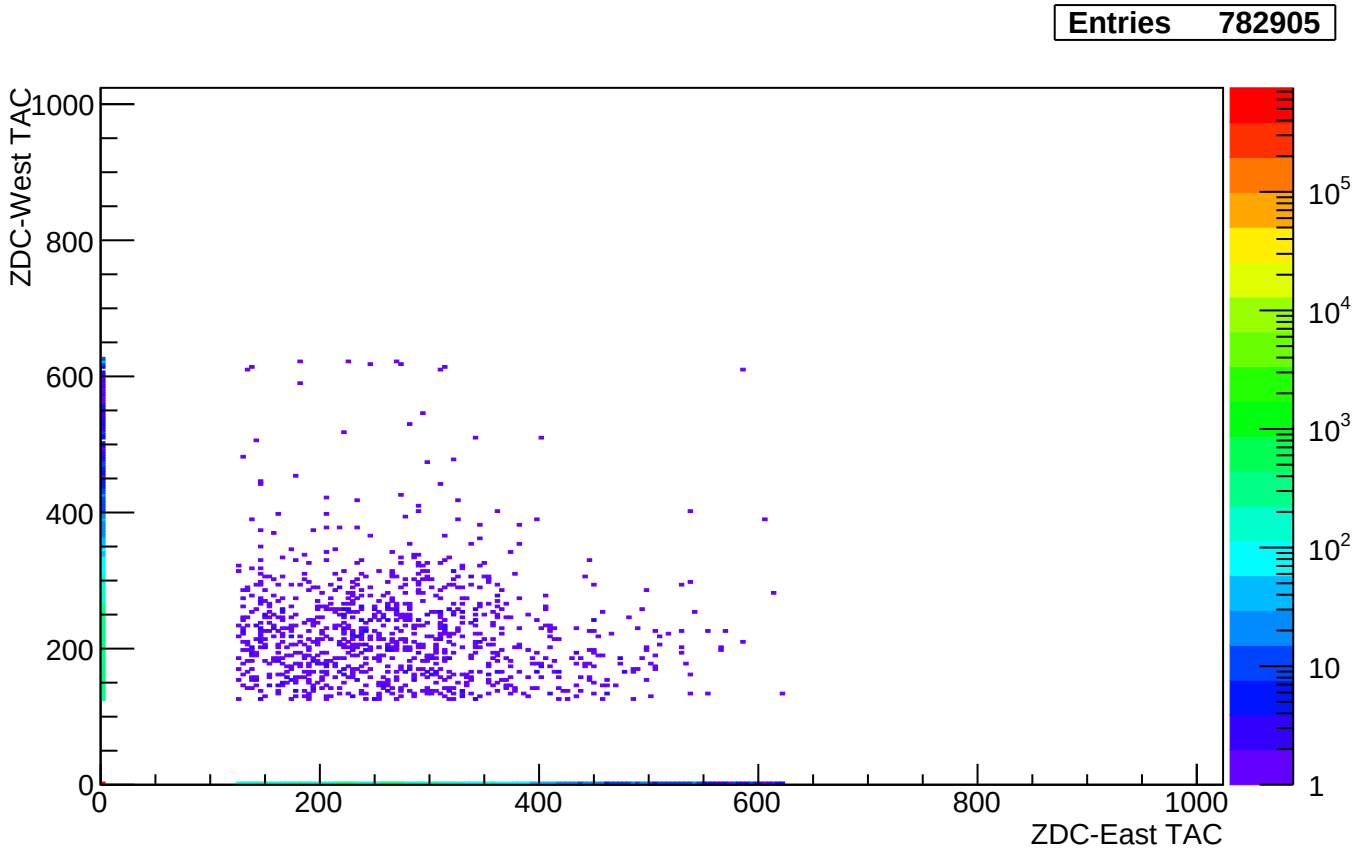

Entries 782905
TOF_Mult
VPD-East ADC Sum

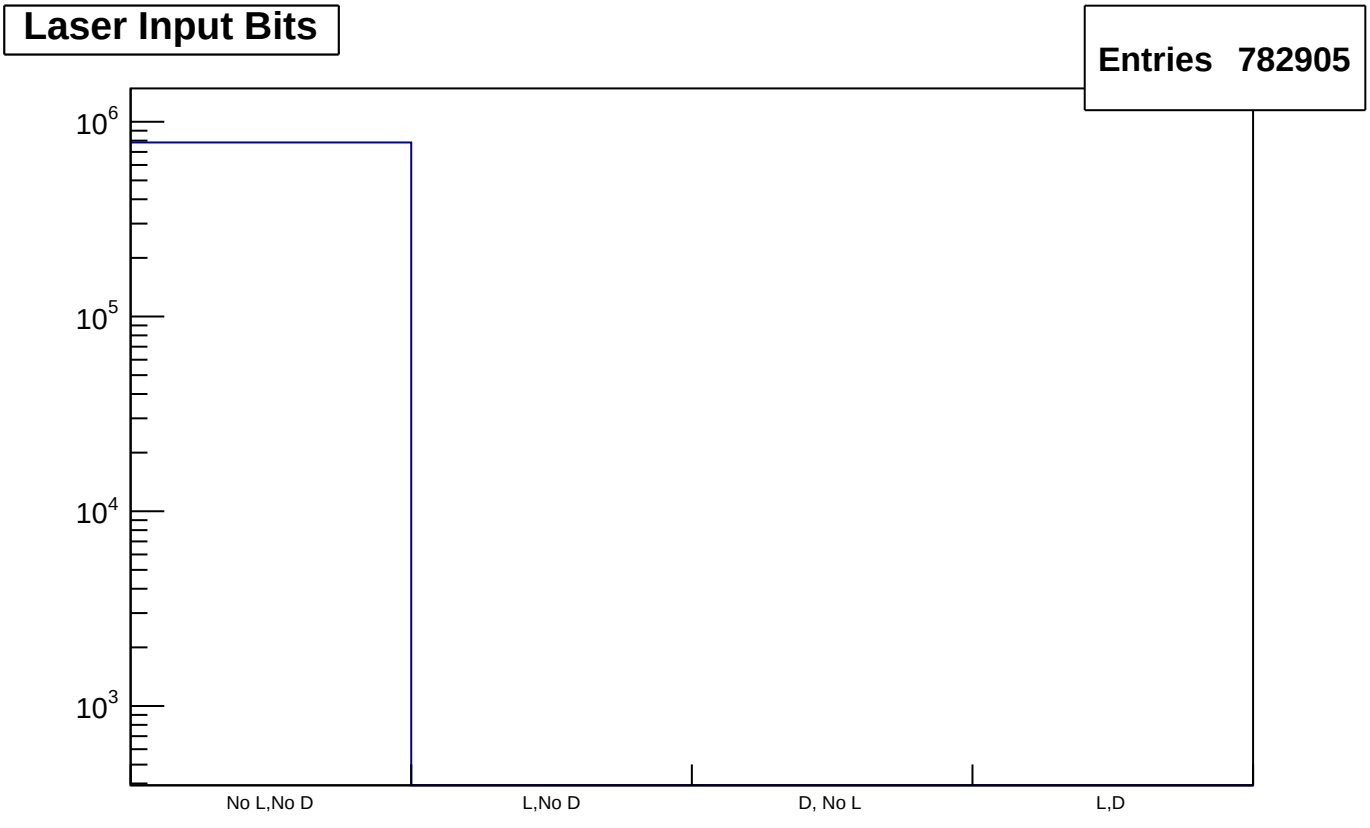

Entries 782905
TOF_Mult
VPD-West ADC Sum

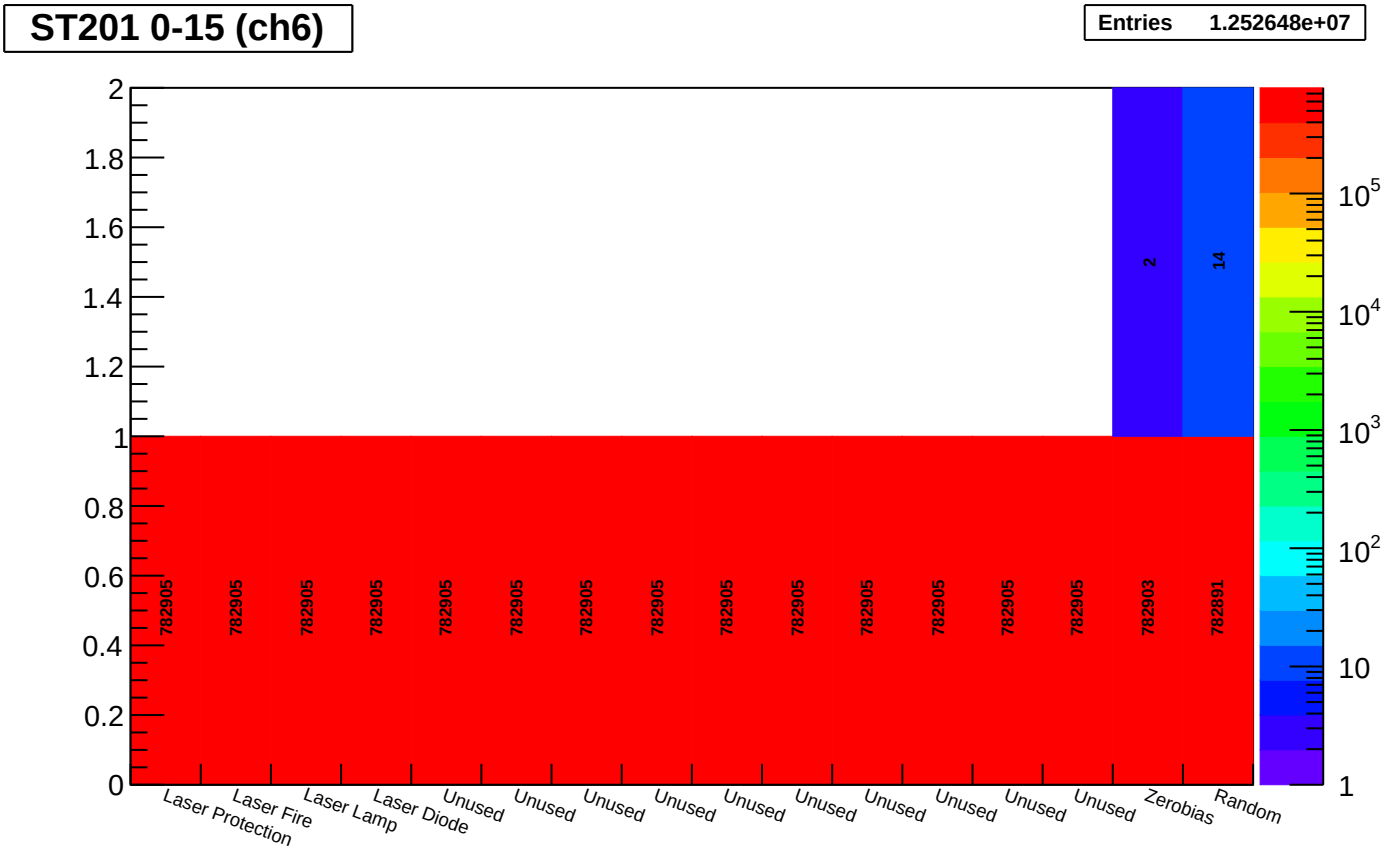

Entries 782905
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
$10^2$
10
1

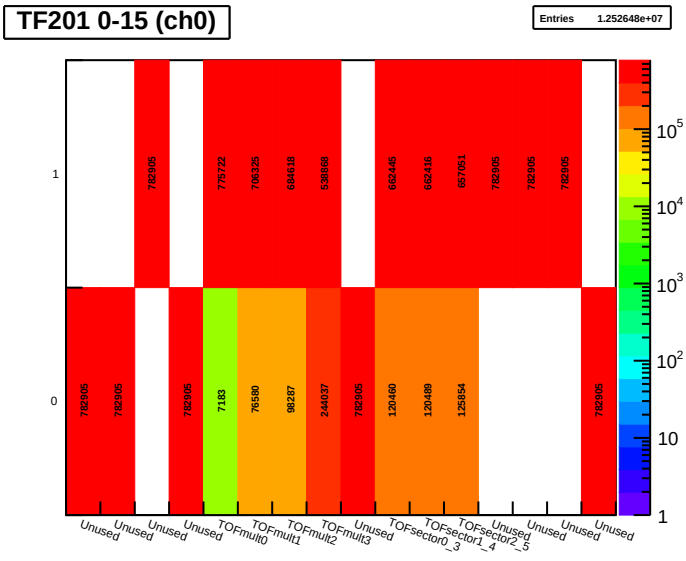

Entries 782905
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
$10^2$
10
1

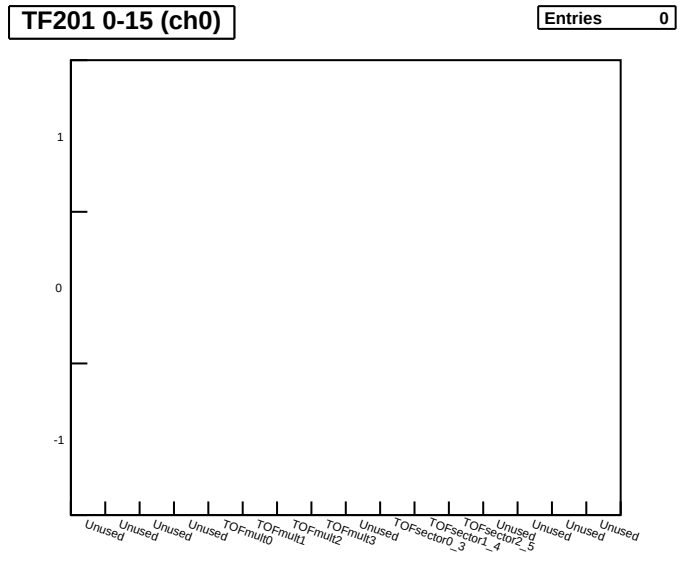

Entries 782905
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
$10^{-1}$
$10^{-2}$

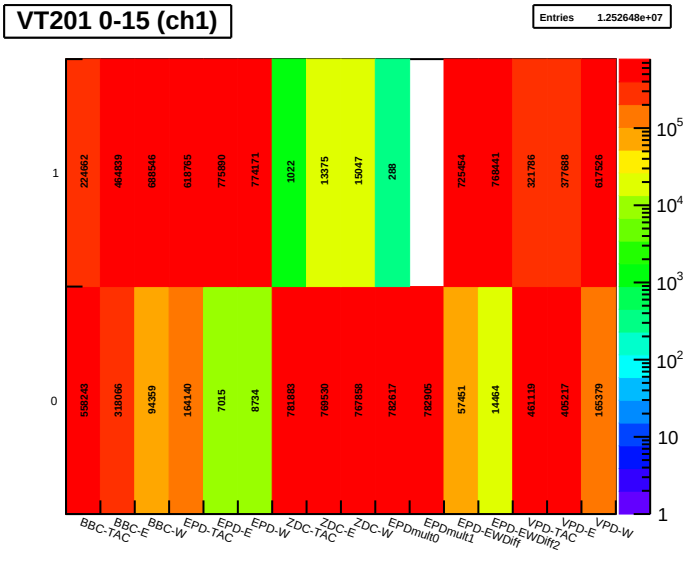

Entries 782905
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

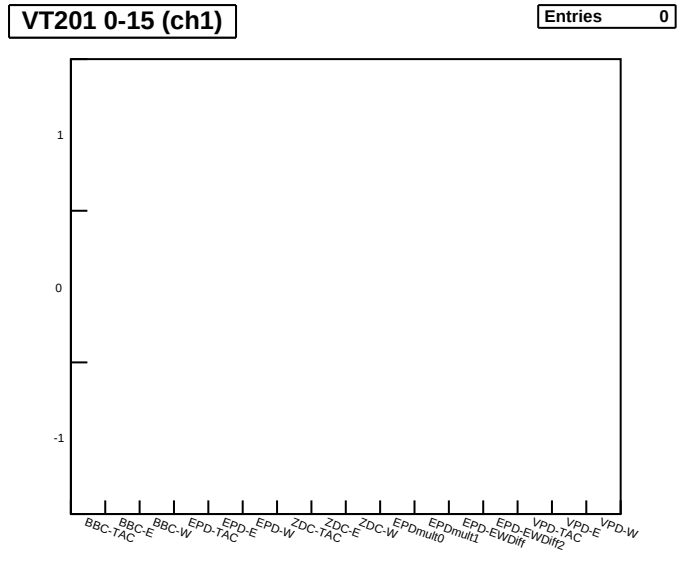

Laser Input Bits
Entries 782905
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

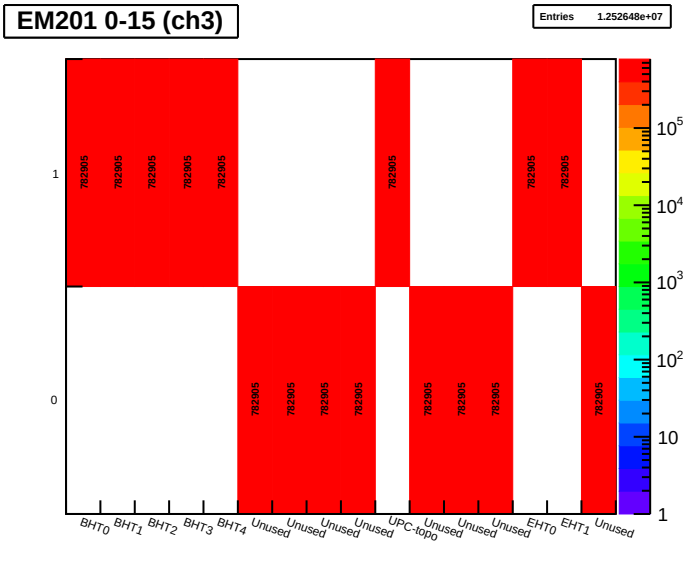

ST201 0-15 (ch6)
Entries 1.252648e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
782905
782905
782905
782905
782905
782905
782905
782905
782905
782905
782905
782905
782905
782905
782903
782891
2
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

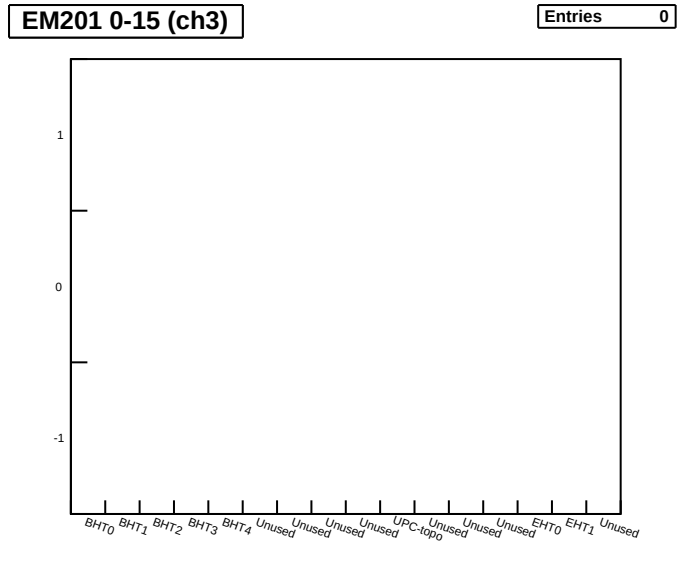

TF201 0-15 (ch0)
Entries 1.252648e+07
1
0
782905 775722 706325 684618 538868 662445 662416 657651 782905 782905 782905
782905 782905 782905 7183 76580 98267 244037 782905 120460 120489 125854 782905
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 1.252648e+07
1
0
224662 464839 668546 618765 775890 774171 1022 13375 15047 288 725454 768441 321766 377688 617526
558243 318066 94359 164140 7015 8734 781883 769530 767858 782617 782905 57451 14464 461119 405217 165379
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
1 10 10^2 10^3 10^4 10^5


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 1.252648e+07
1
0
782905 782905 782905 782905 782905 782905 782905 782905 782905 782905
782905 782905 782905 782905 782905 782905 782905 782905
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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