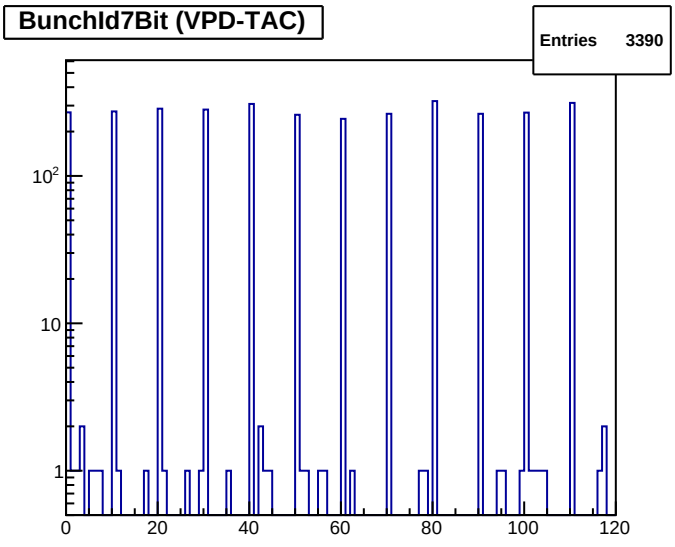
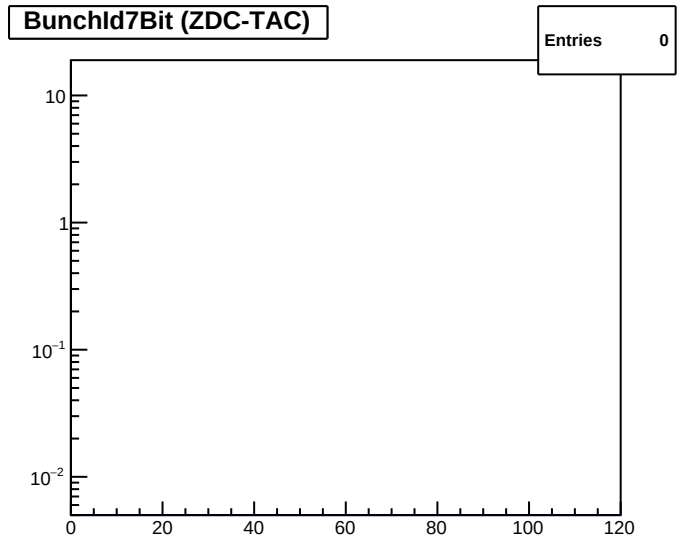
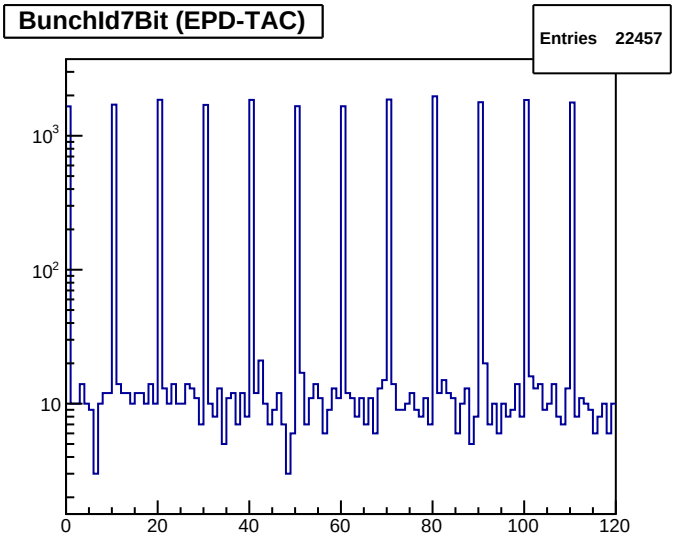
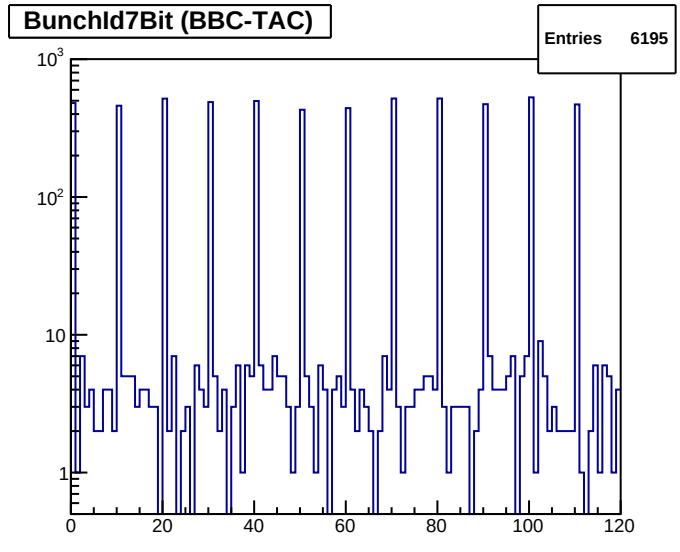
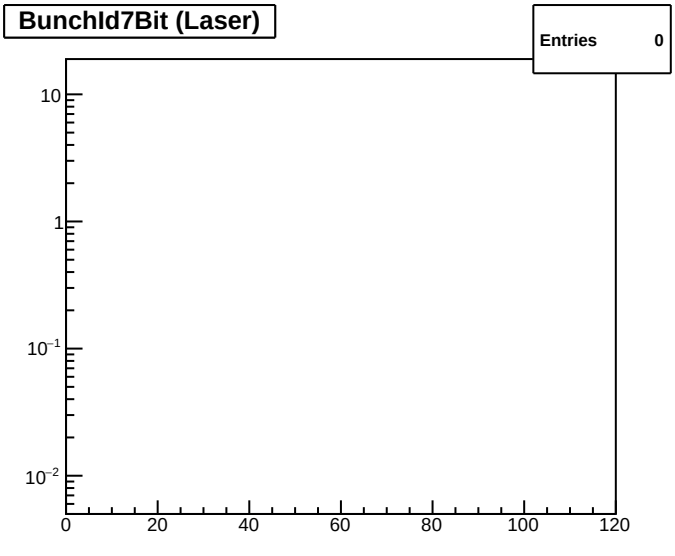
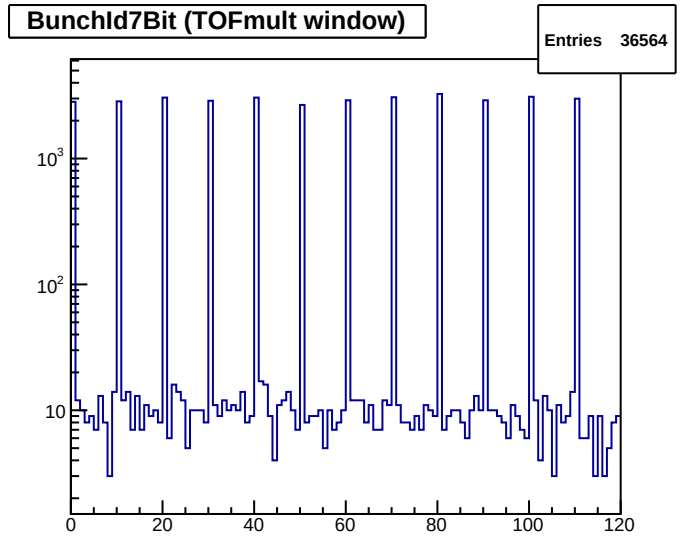

BunchId7Bit (VPD-TAC)
Entries 3390

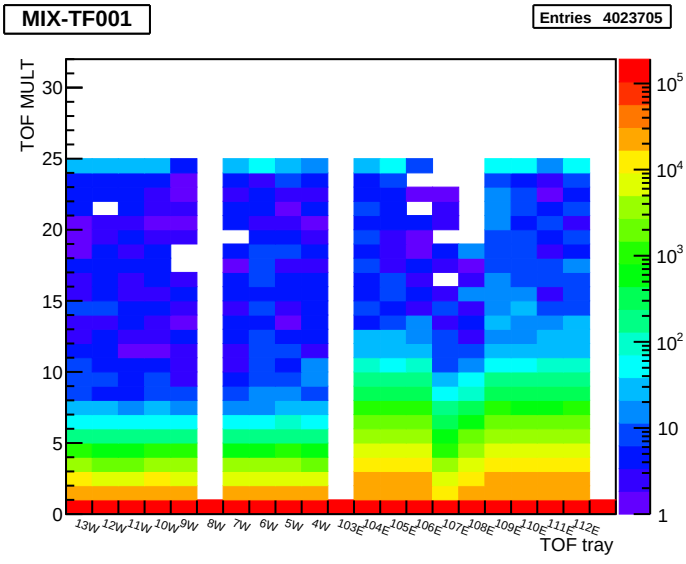

BunchId7Bit (ZDC-TAC)
Entries 0

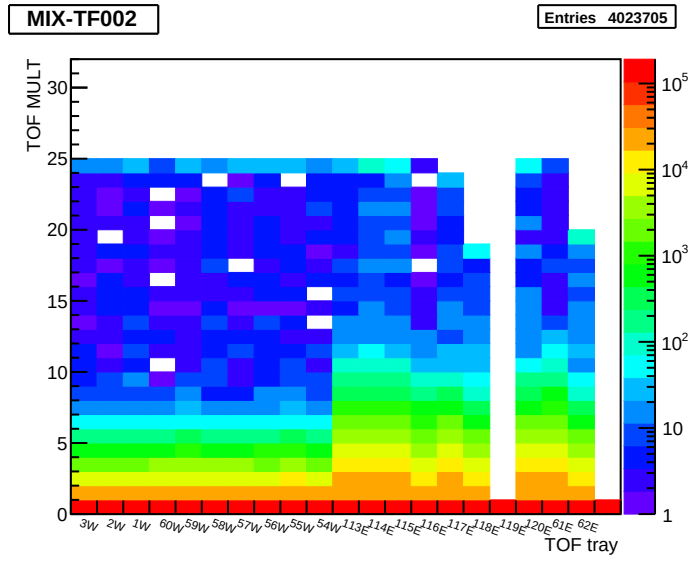

BunchId7Bit (EPD-TAC)
Entries 22457

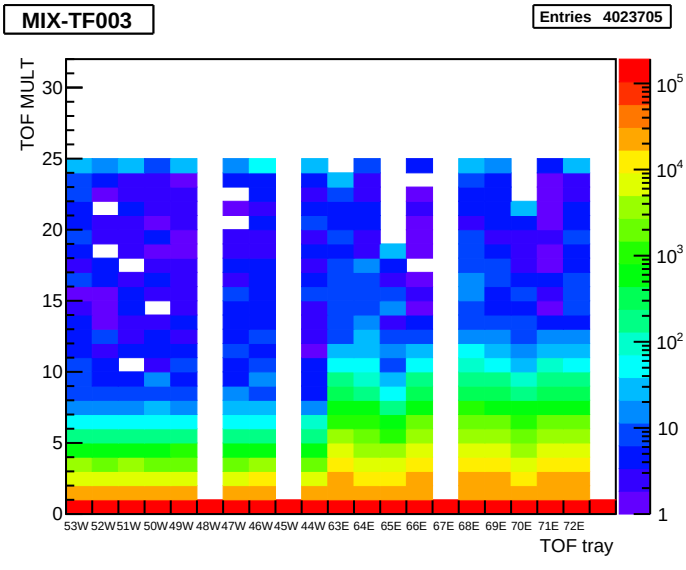

BunchId7Bit (BBC-TAC)
Entries 6195

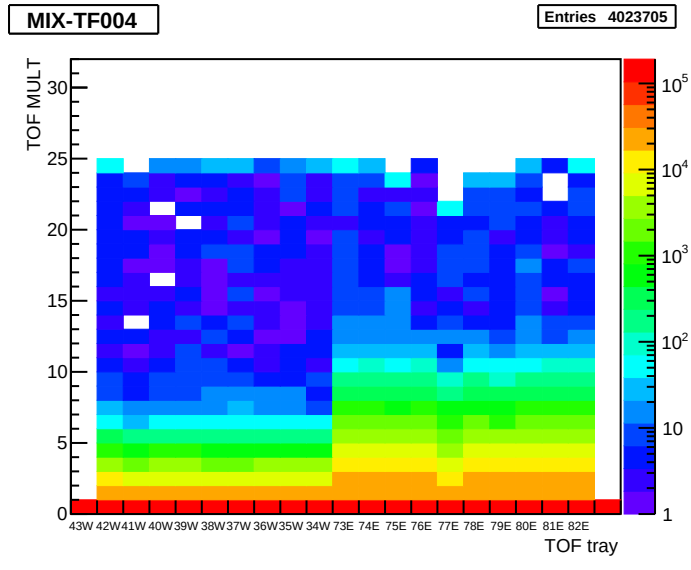

BunchId7Bit (Laser)
Entries 0

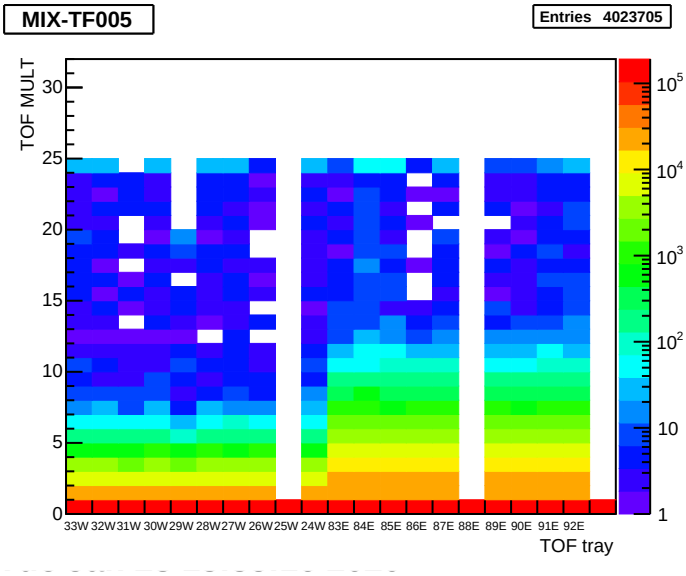

BunchId7Bit (TOFmult window)
Entries 36564

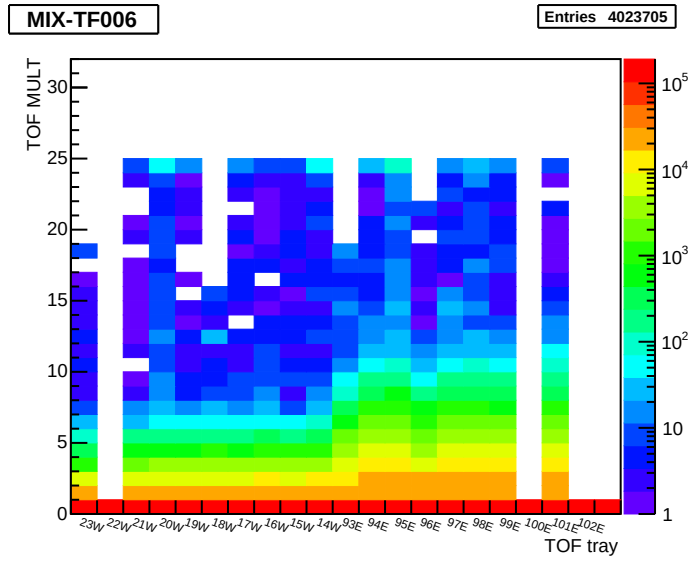

MIX-TF001
Entries 4023705
TOF MULT
TOF tray

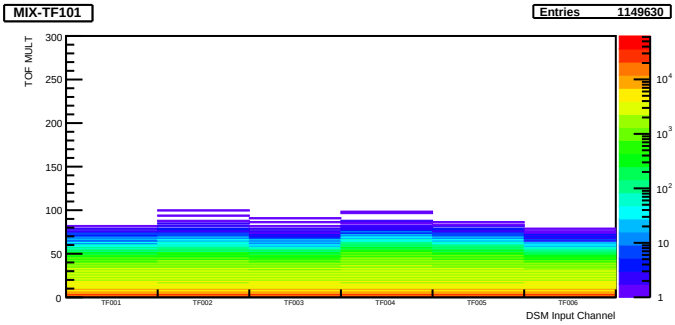

MIX-TF002
Entries 4023705
TOF MULT
TOF tray

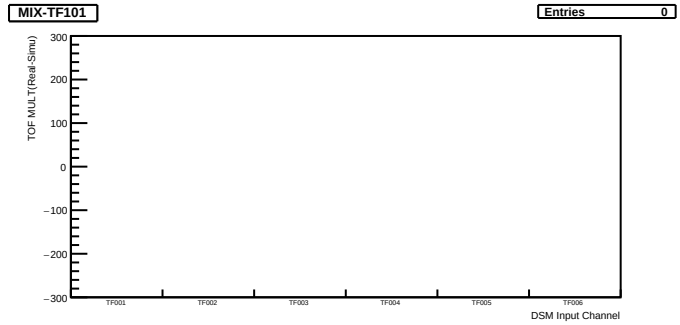

MIX-TF003
Entries 4023705
TOF MULT
TOF tray

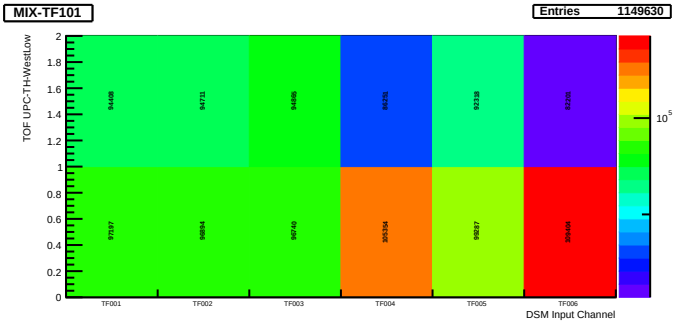

MIX-TF004
Entries 4023705
TOF MULT
TOF tray

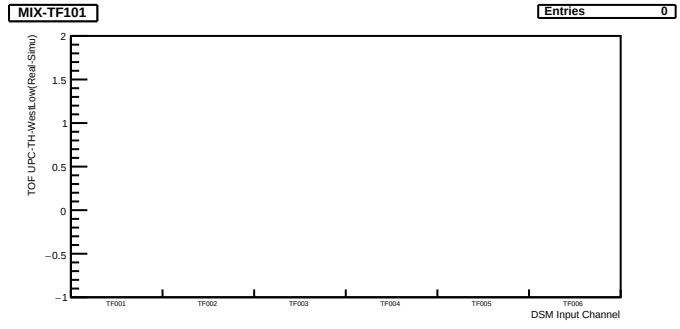

MIX-TF005
Entries 4023705
TOF MULT
TOF tray

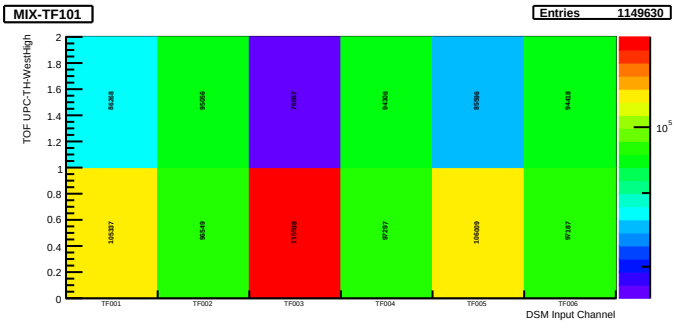

MIX-TF006
Entries 4023705
TOF MULT
TOF tray

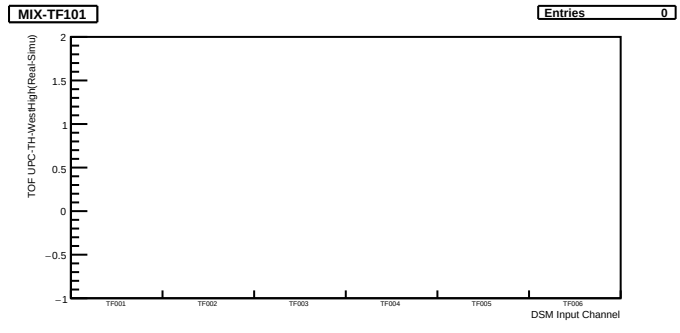

MIX-TF101
Entries 1149630
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

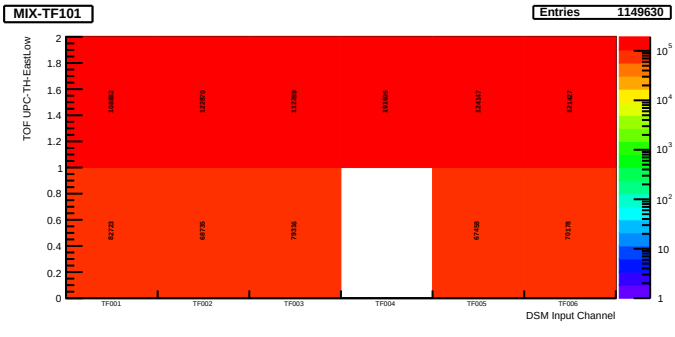

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

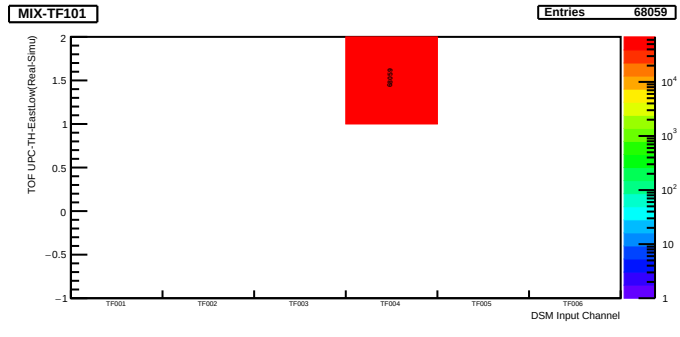

MIX-TF101
Entries 1149630
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

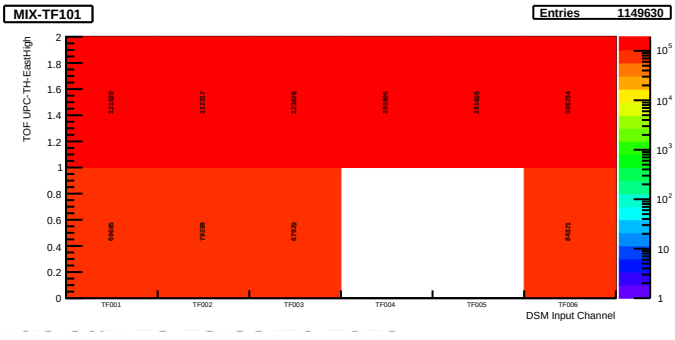

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

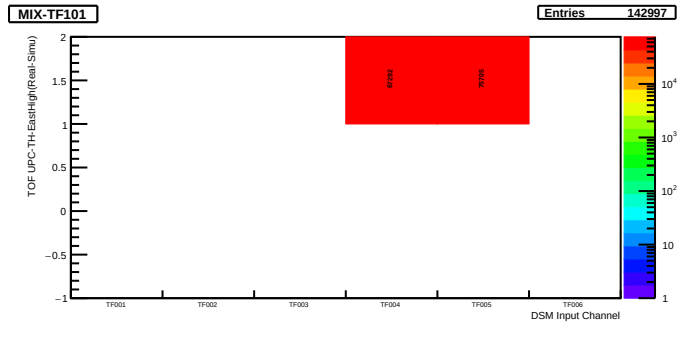

MIX-TF101
Entries 1149630
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

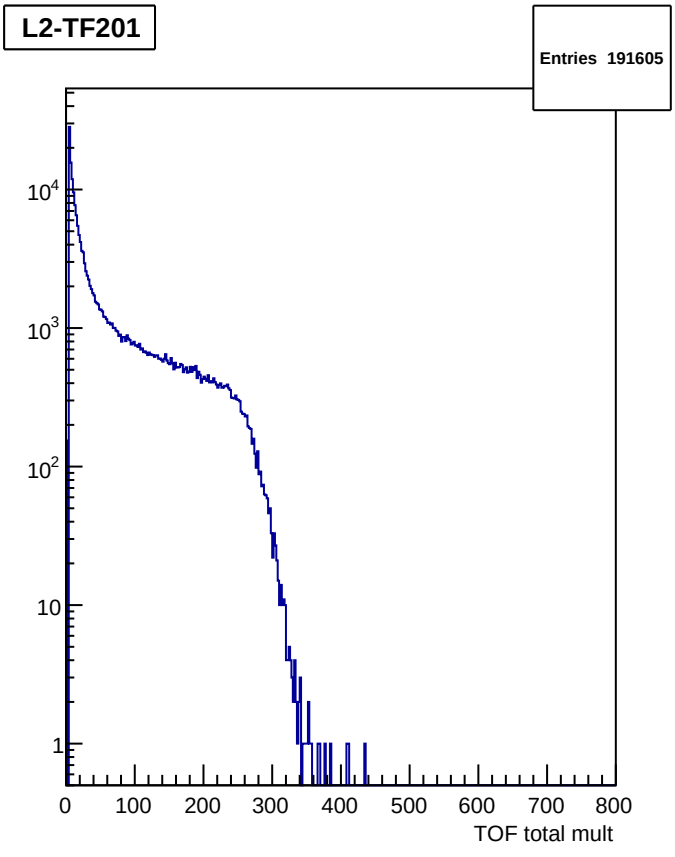

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

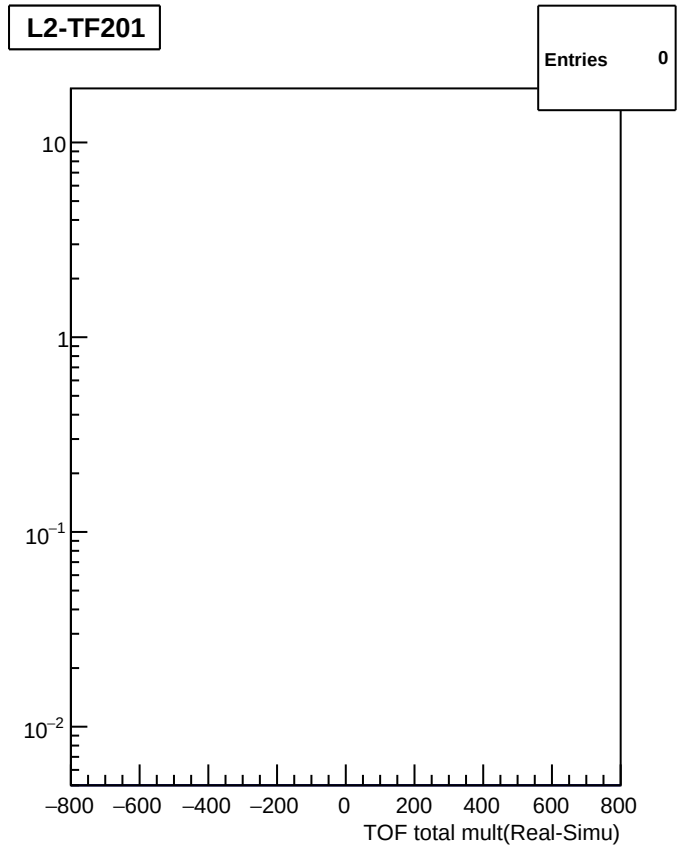

MIX-TF101
Entries 1149630
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

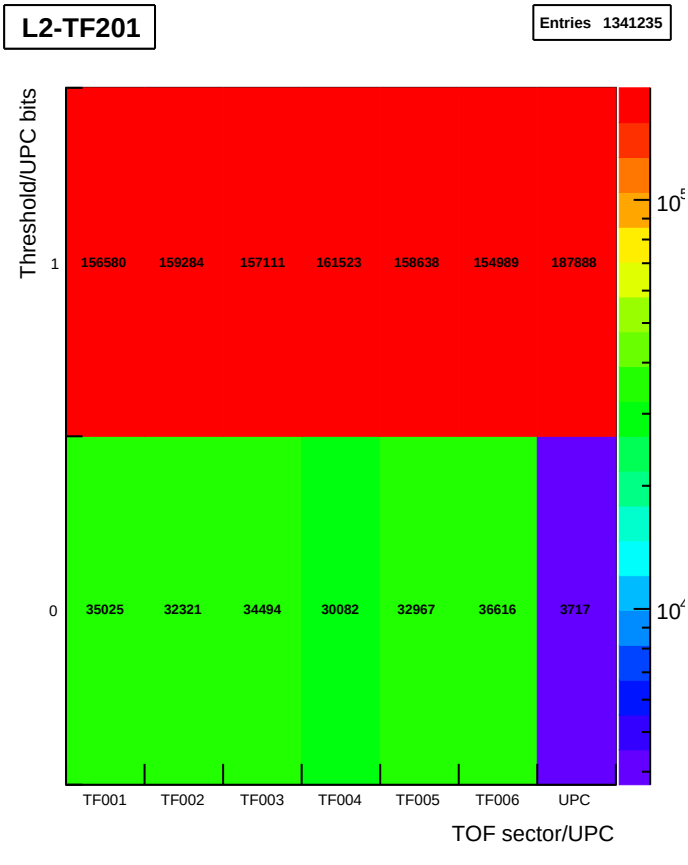

MIX-TF101
Entries 68059
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

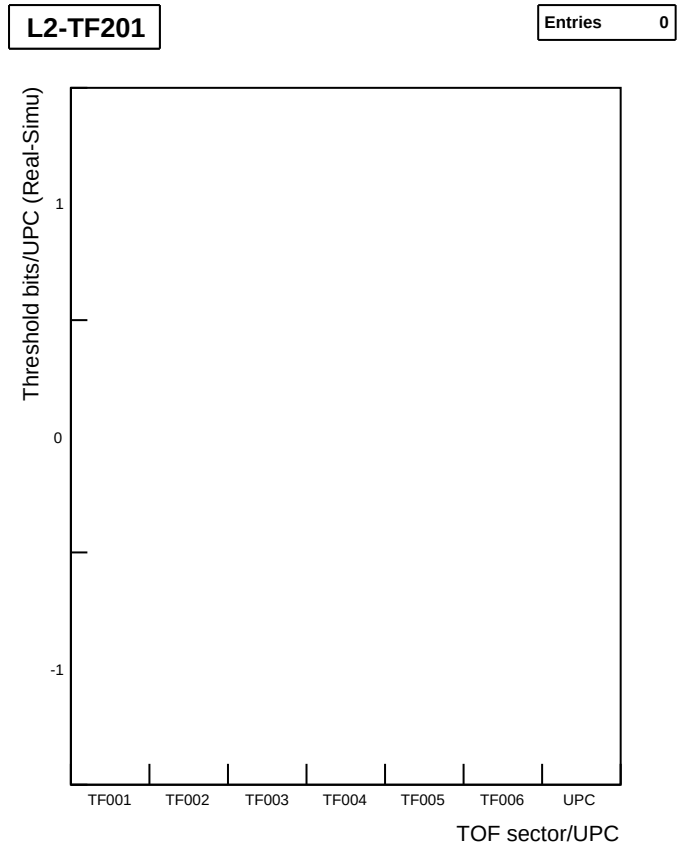

MIX-TF101
Entries 1149630
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

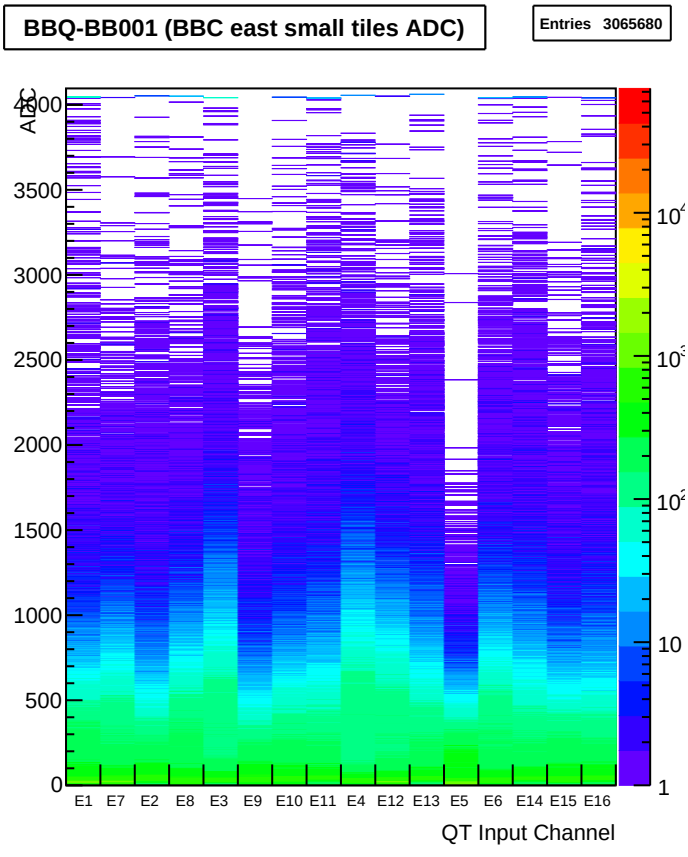

MIX-TF101
Entries 142997
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

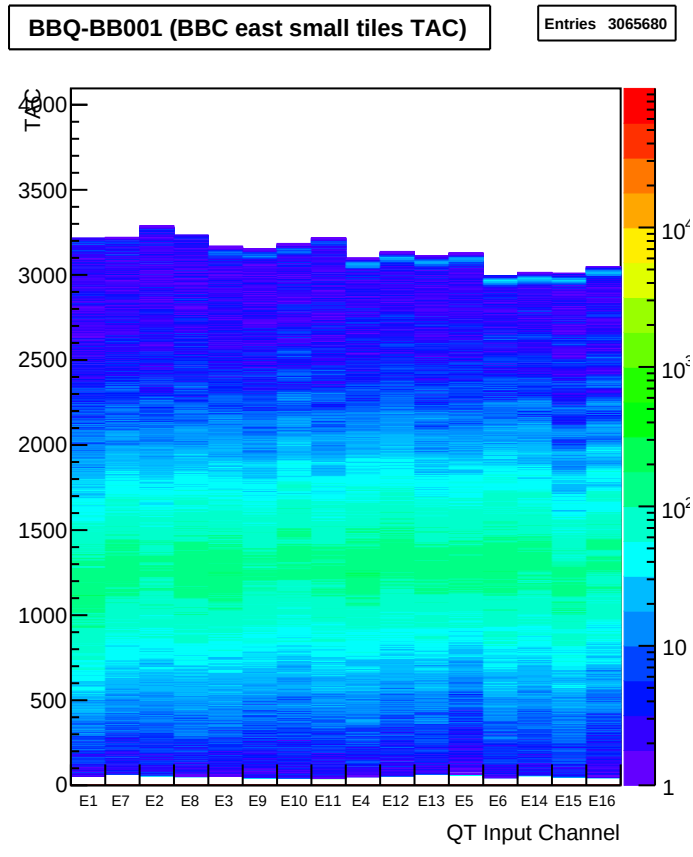

L2-TF201
Entries 191605
TOF total mult

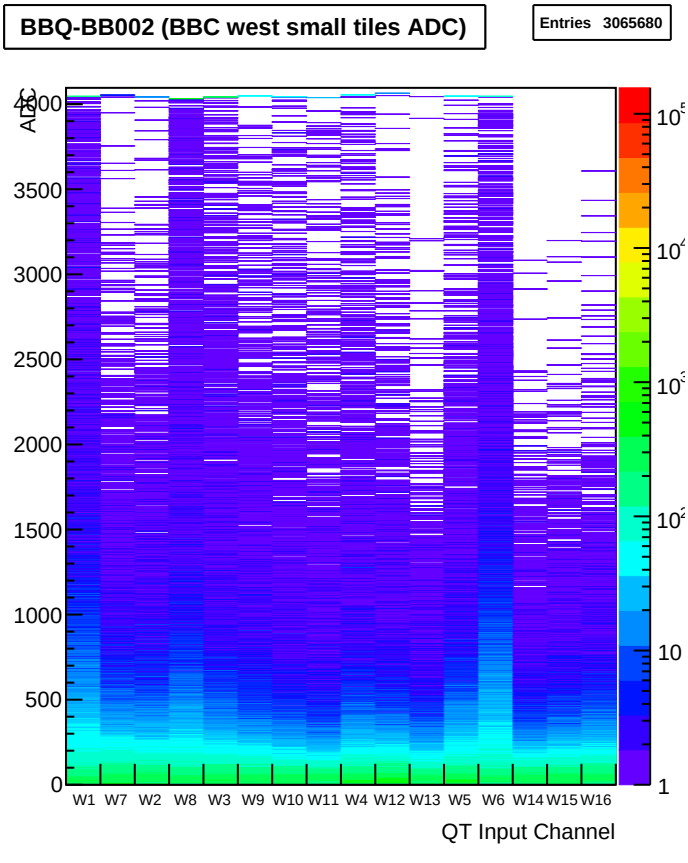

L2-TF201
Entries 0
TOF total mult(Real-Simu)

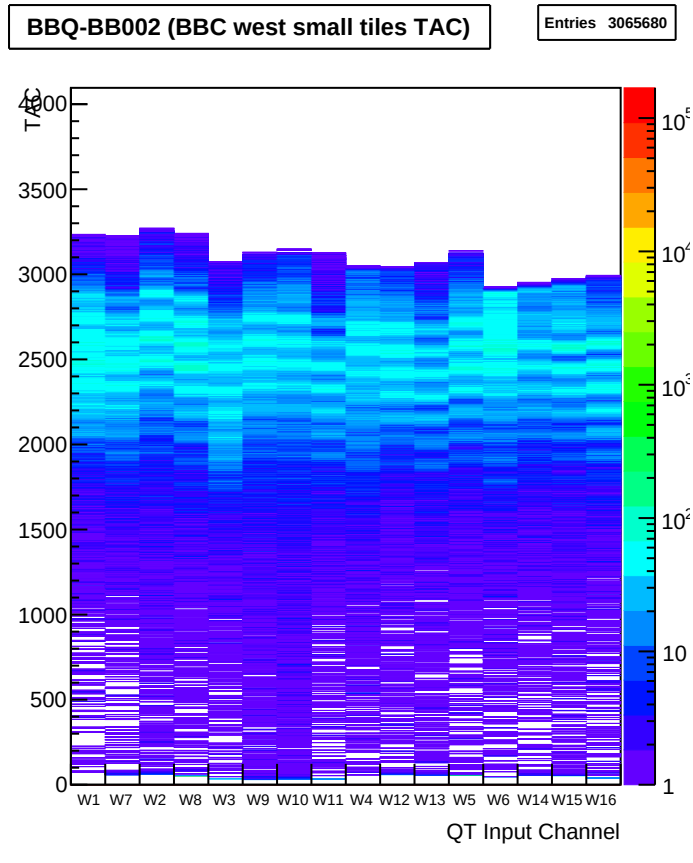

L2-TF201
Entries 1341235
Threshold/UPC bits
156580 159284 157111 161523 158638 154989 187888
35025 32321 34494 30082 32967 36616 3717
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

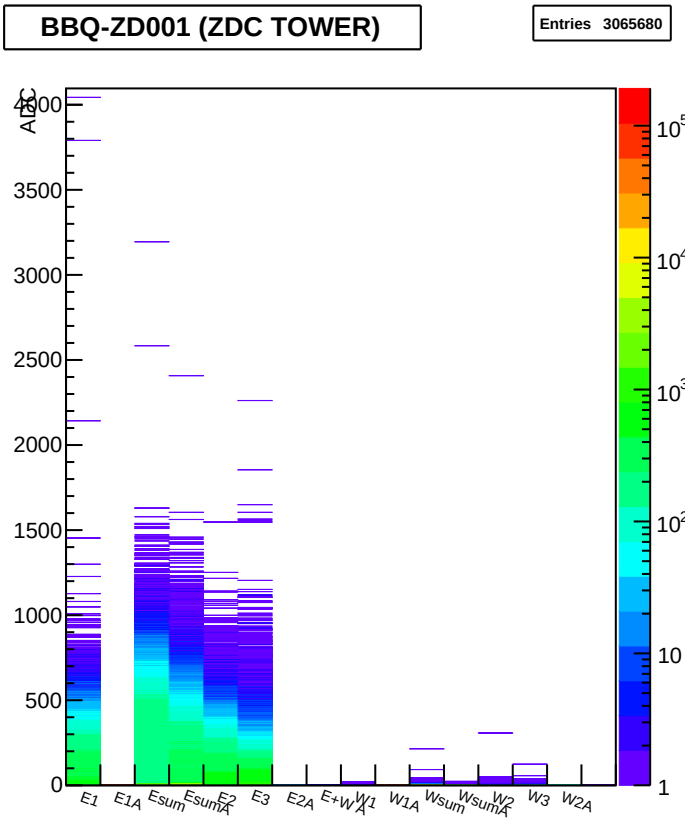

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

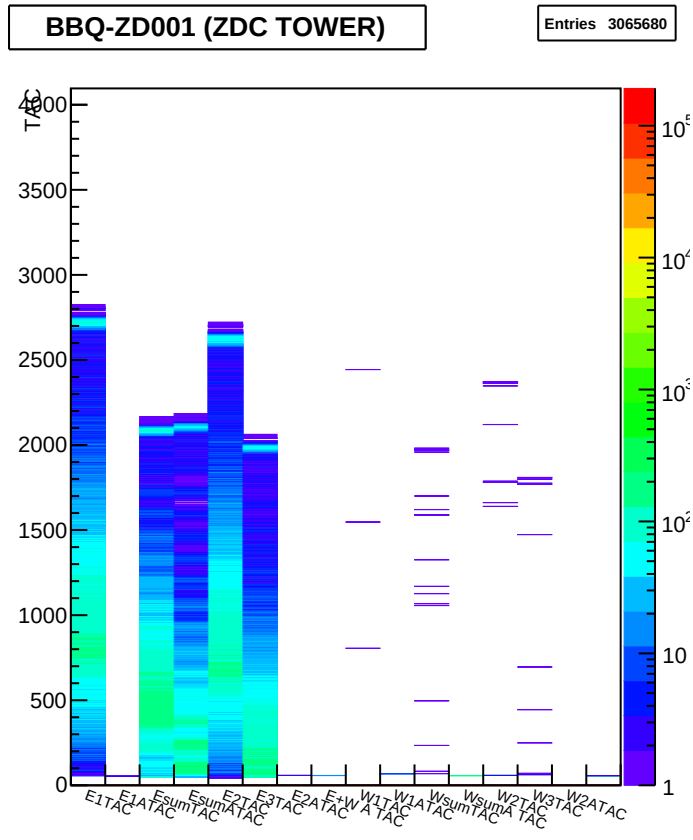

BBQ-BB001 (BBC east small tiles ADC)
Entries 3065680
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

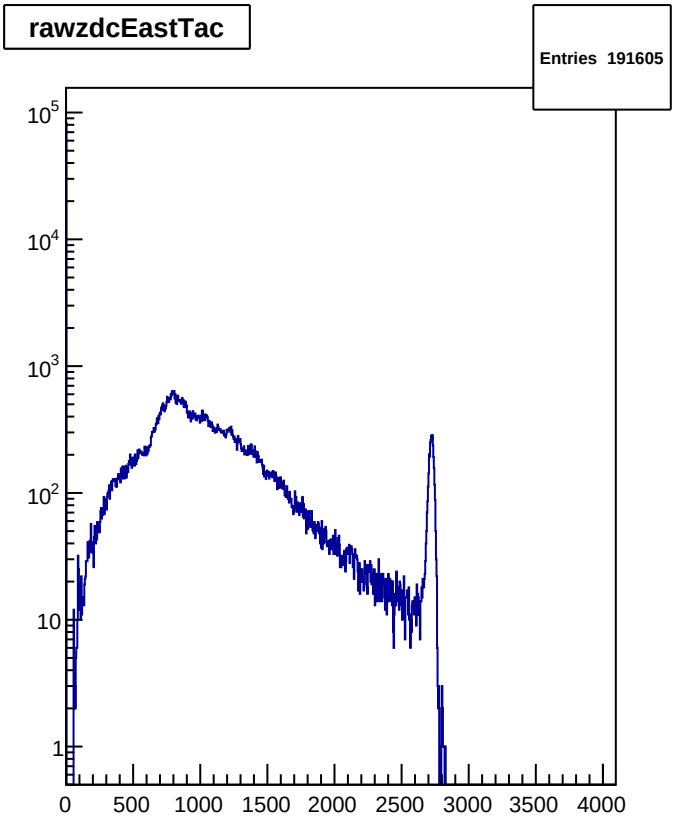

BBQ-BB001 (BBC east small tiles TAC)
Entries 3065680
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

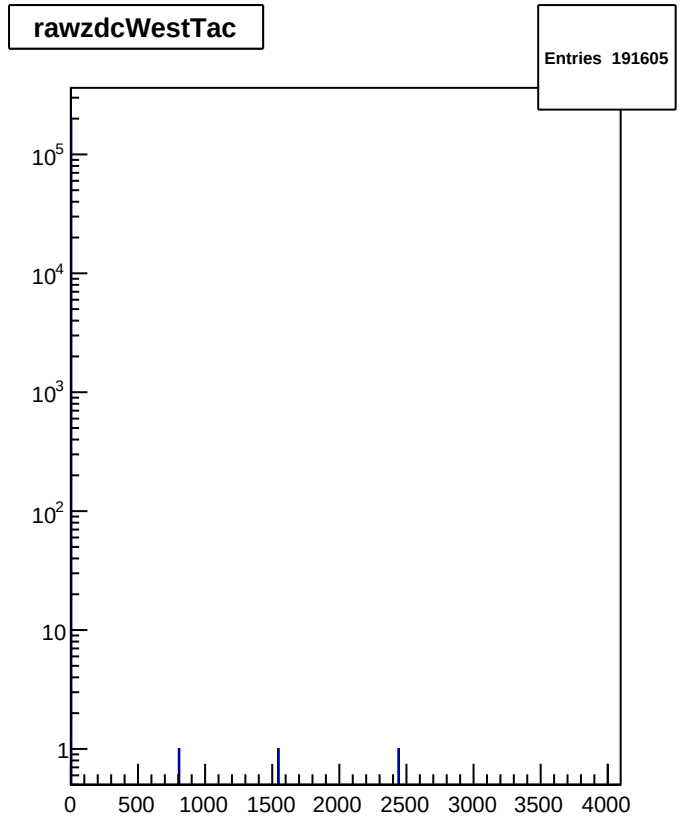

BBQ-BB002 (BBC west small tiles ADC)
Entries 3065680
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

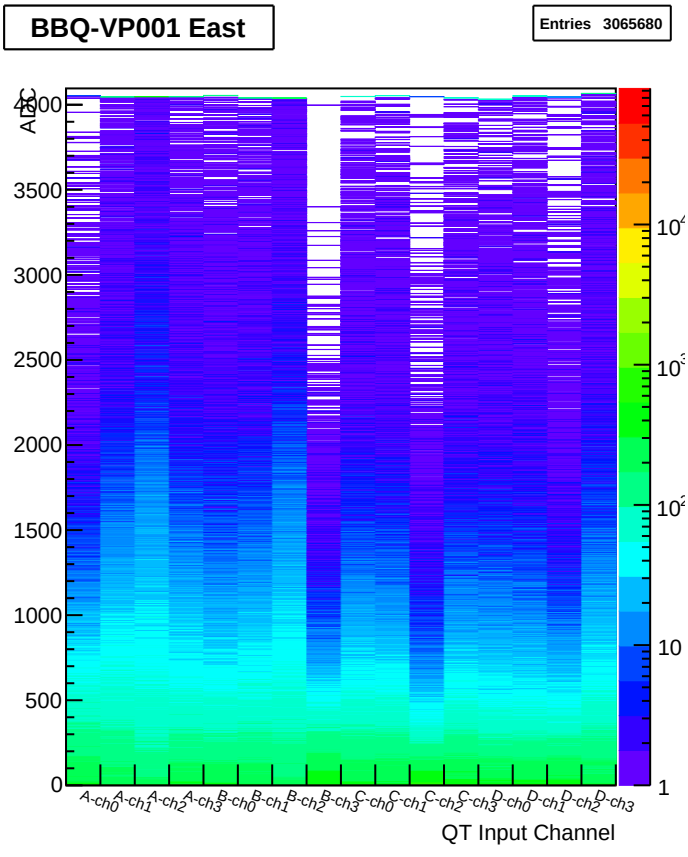

BBQ-BB002 (BBC west small tiles TAC)
Entries 3065680
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

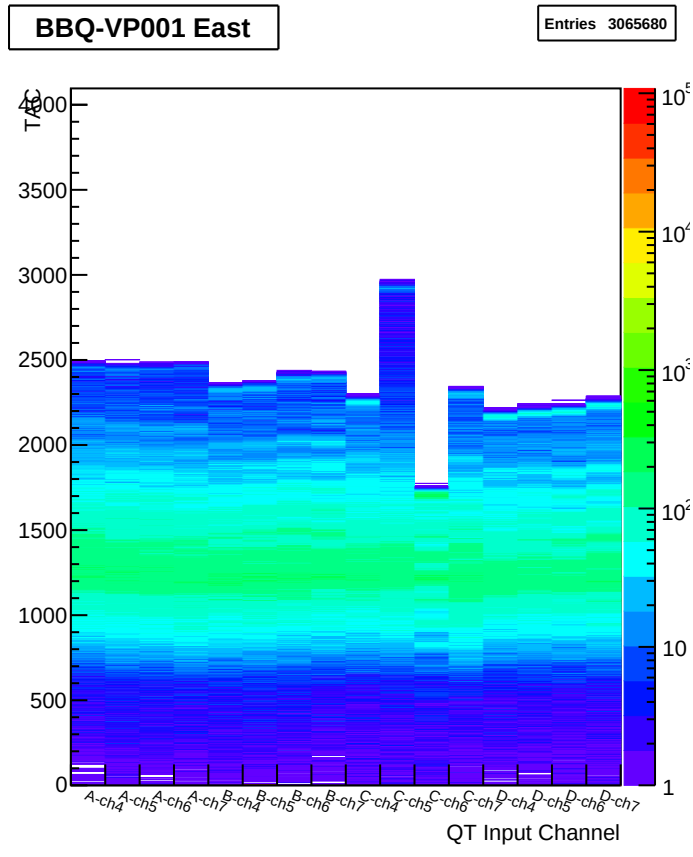

BBQ-ZD001 (ZDC TOWER)
Entries 3065680
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

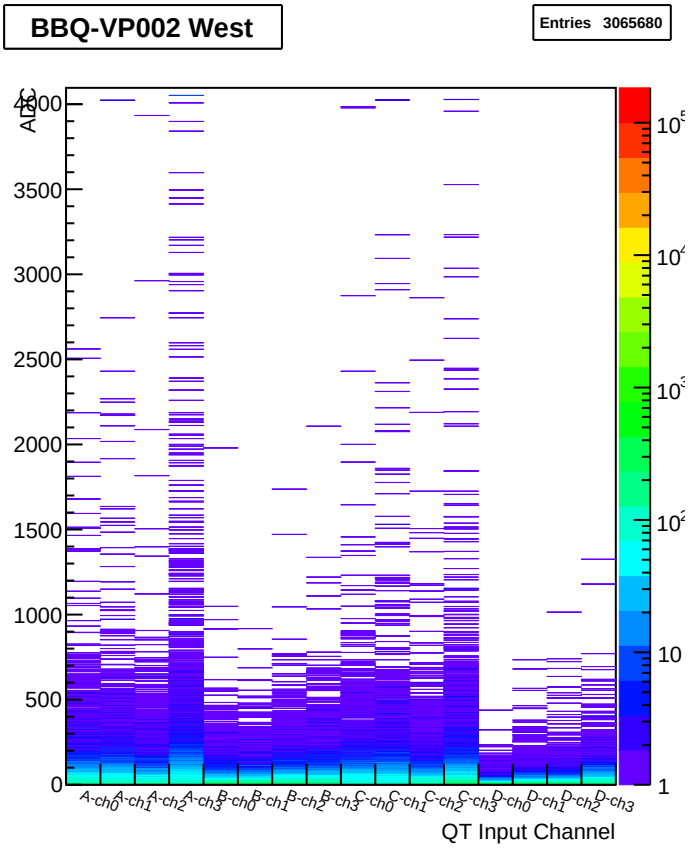

BBQ-ZD001 (ZDC TOWER)
Entries 3065680
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

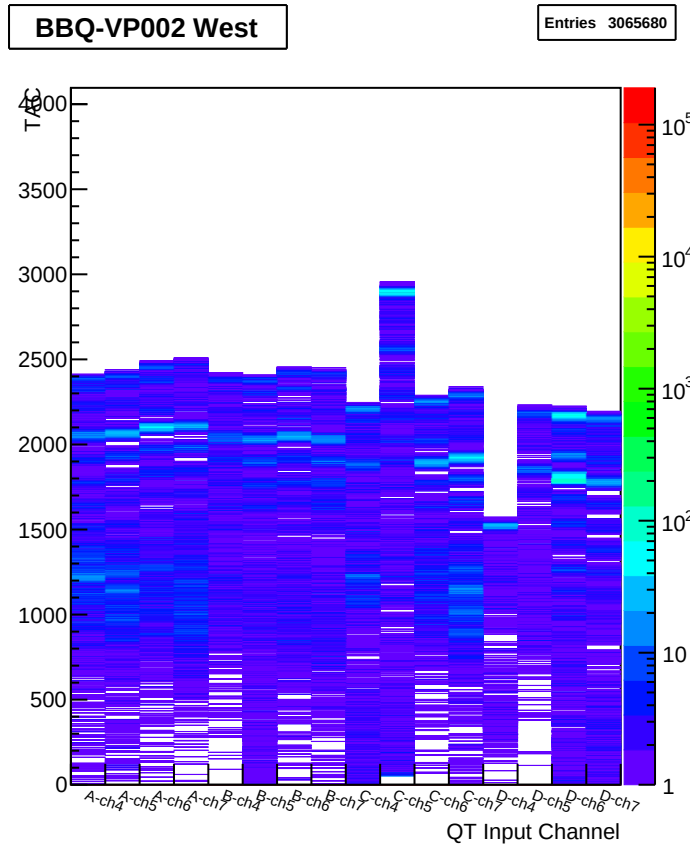

rawzdcEastTac
Entries 191605

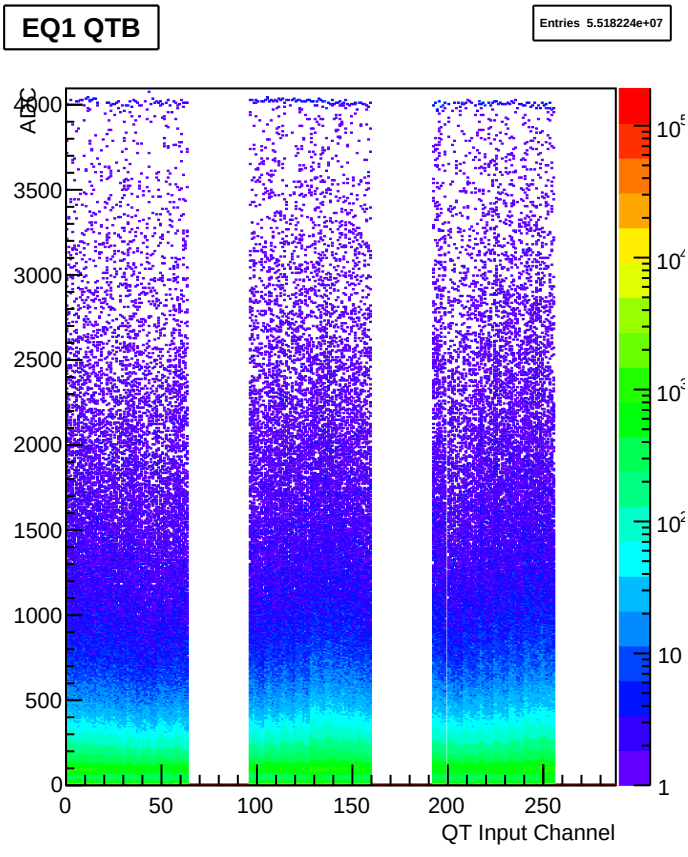

rawzdcWestTac
Entries 191605

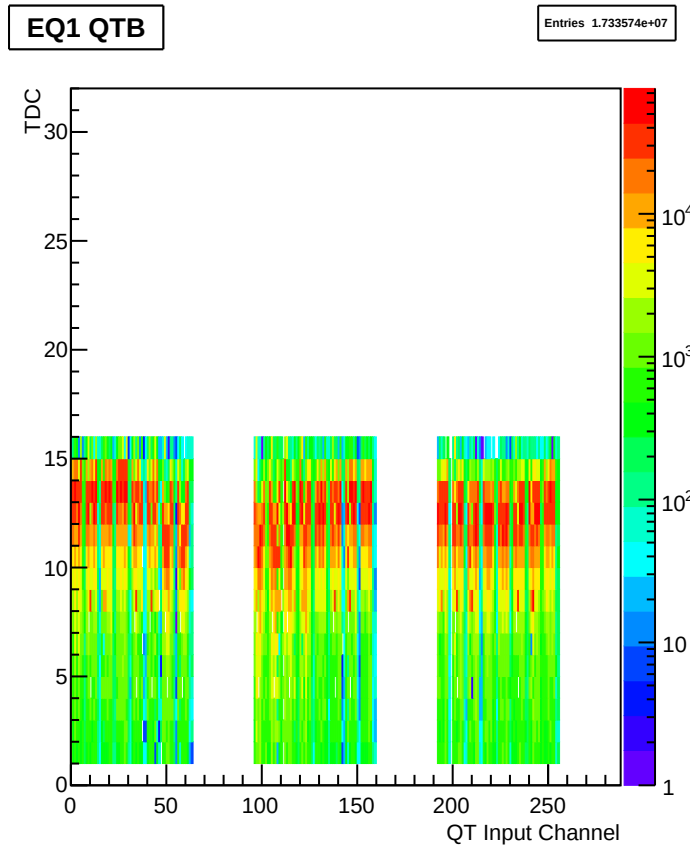

BBQ-VP001 East
Entries 3065680
ADC
QT Input Channel

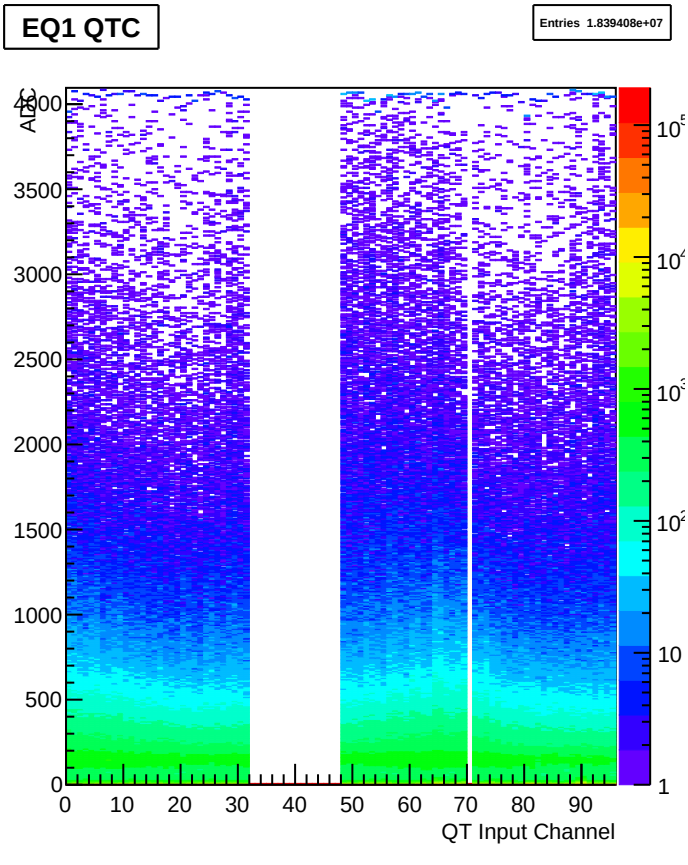

BBQ-VP001 East
Entries 3065680
TAC
QT Input Channel

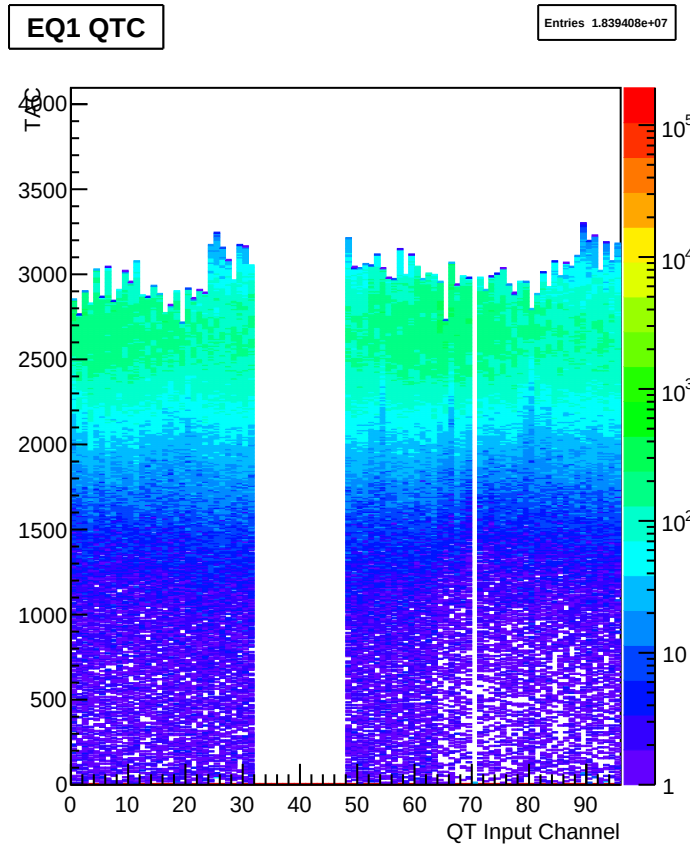

BBQ-VP002 West
Entries 3065680
ADC
QT Input Channel

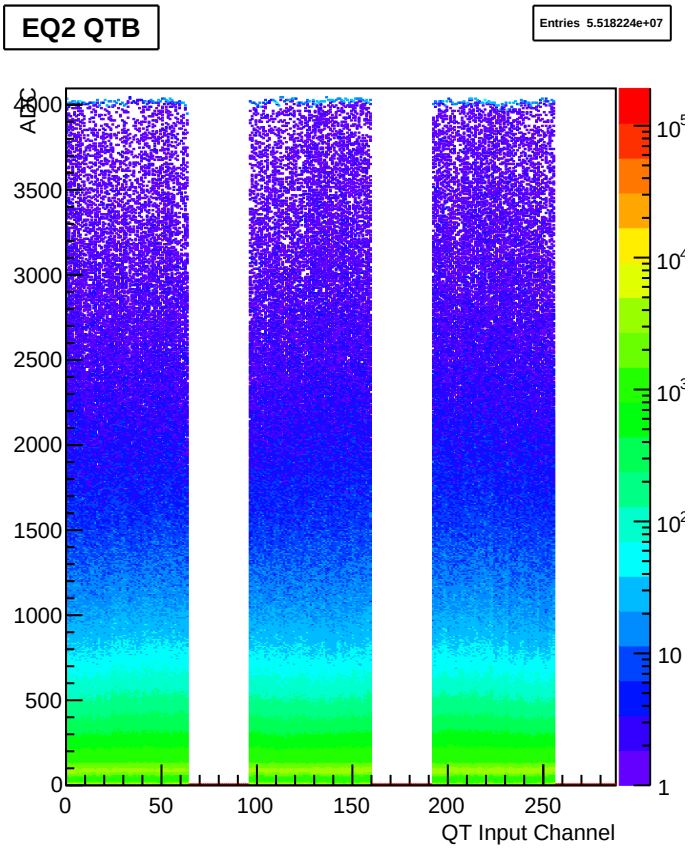

BBQ-VP002 West
Entries 3065680
TAC
QT Input Channel

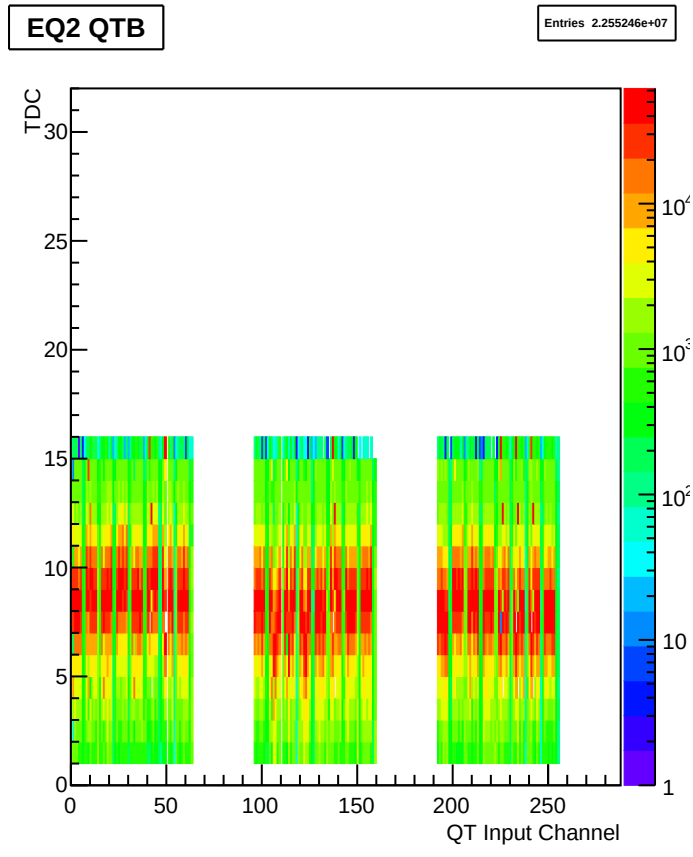

EQ1 QTB
Entries 5.518224e+07
ADC
QT Input Channel

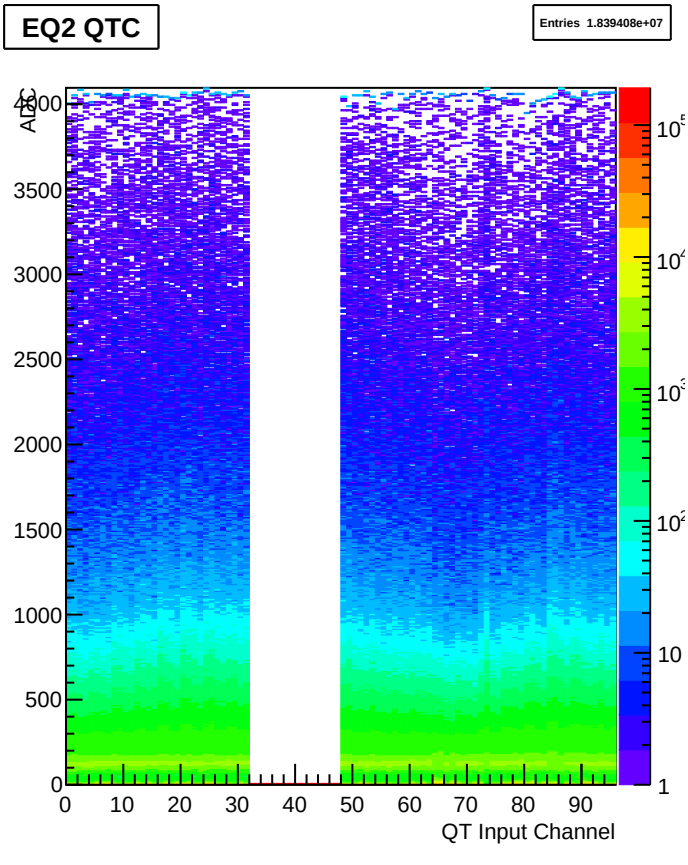

EQ1 QTB
Entries 1.733574e+07
TDC
QT Input Channel

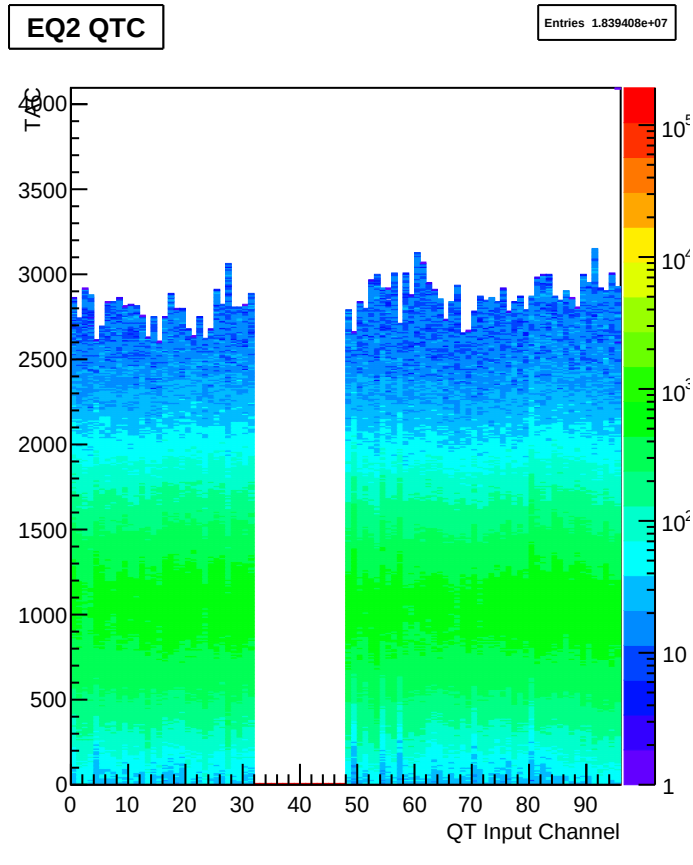

EQ1 QTC
Entries 1.839408e+07
ADC
QT Input Channel

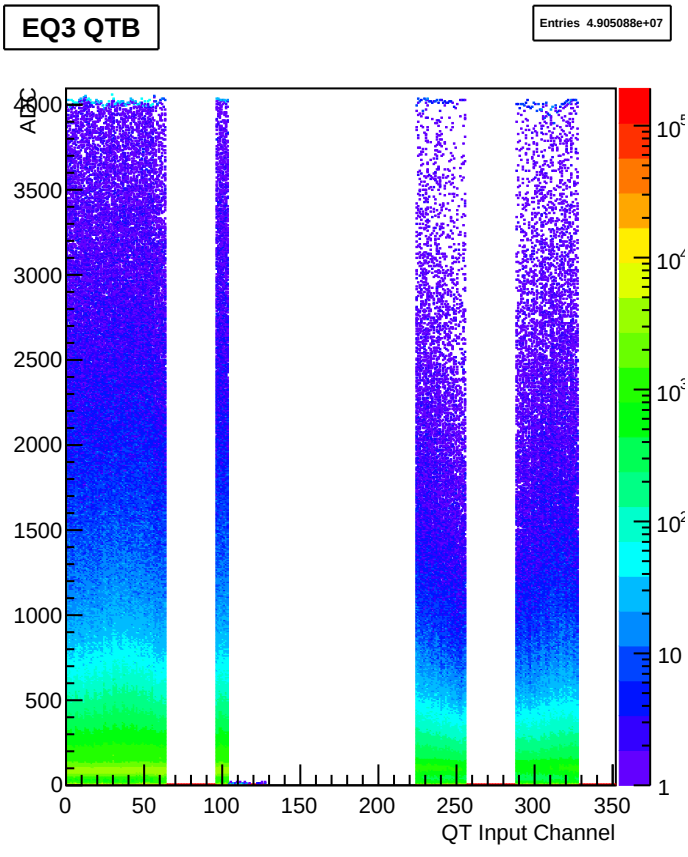

EQ1 QTC
Entries 1.839408e+07
TADC
QT Input Channel

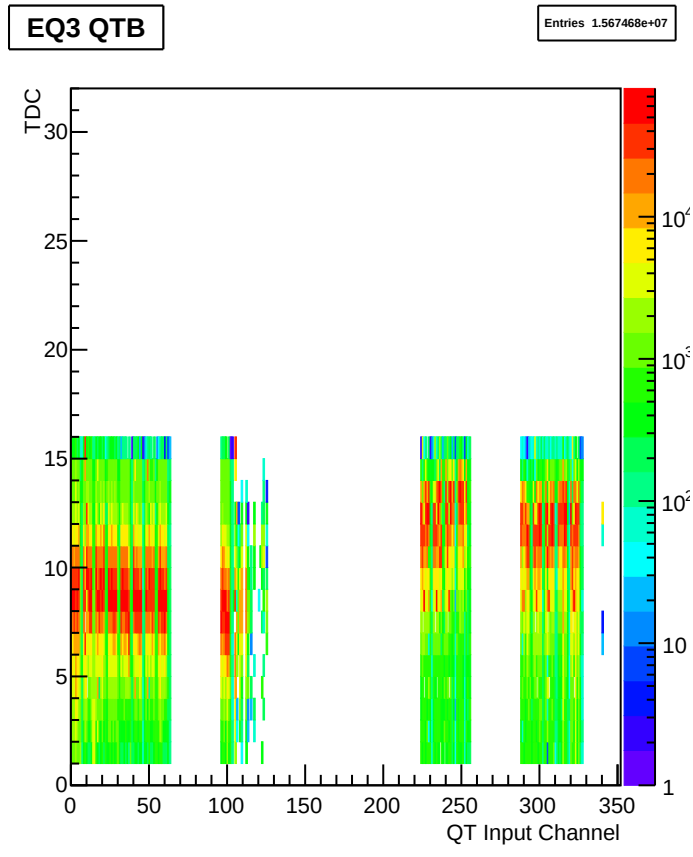

EQ2 QTB
Entries 5.518224e+07
ADC
QT Input Channel

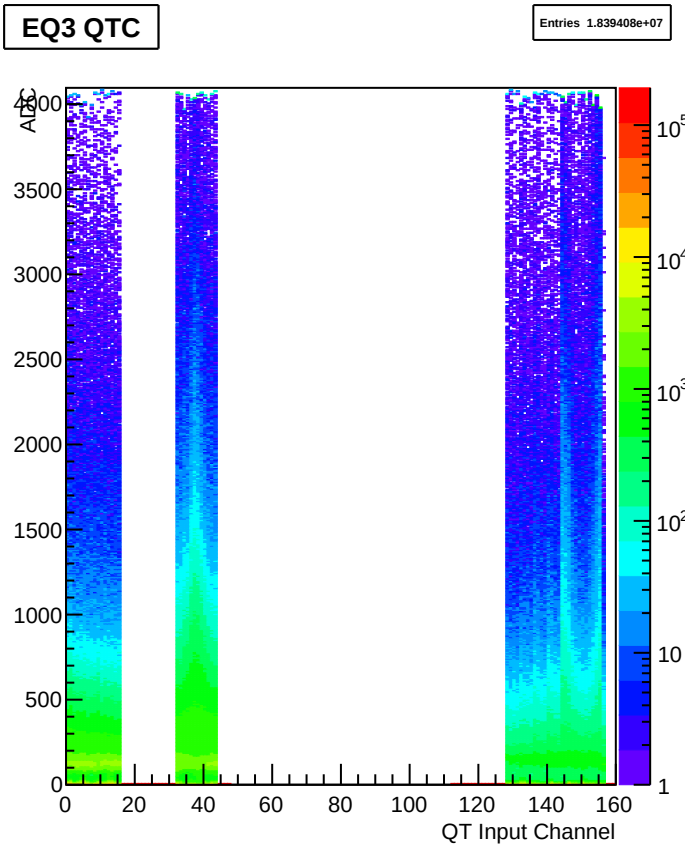

EQ2 QTB
Entries 2.255246e+07
TDC
QT Input Channel

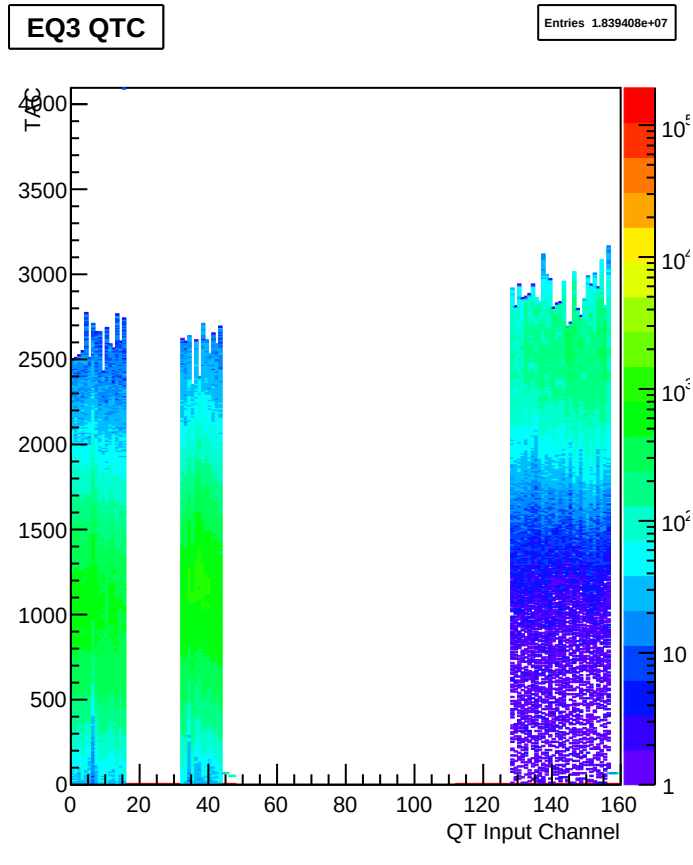

EQ2 QTC
Entries 1.839408e+07
ADC
QT Input Channel

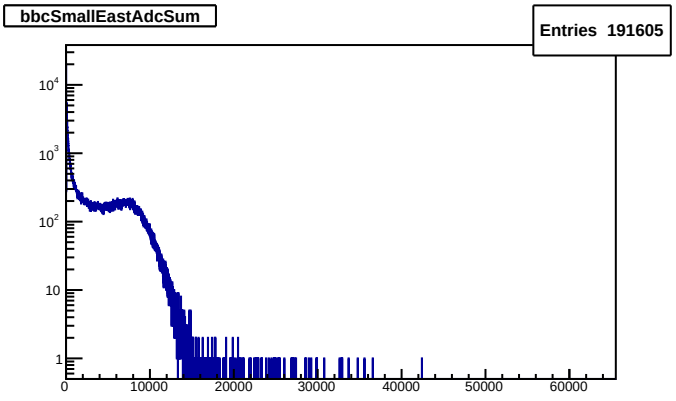

EQ2 QTC
Entries 1.839408e+07
TADC
QT Input Channel

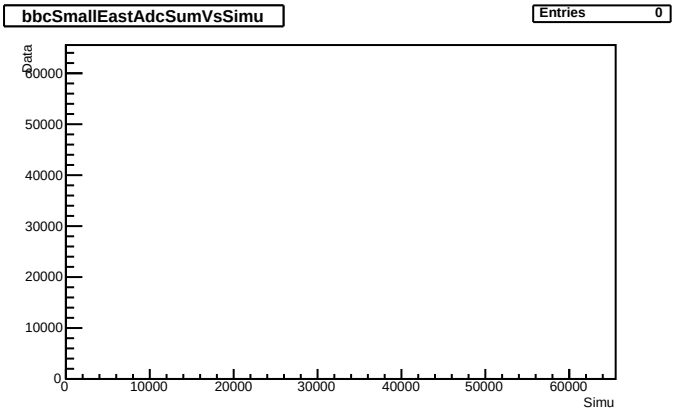

EQ3 QTB
Entries 4.905088e+07
ADC
QT Input Channel

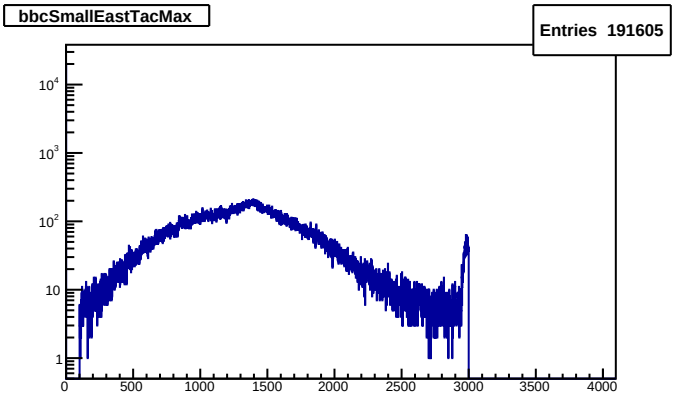

EQ3 QTB
Entries 1.567468e+07
TDC
QT Input Channel

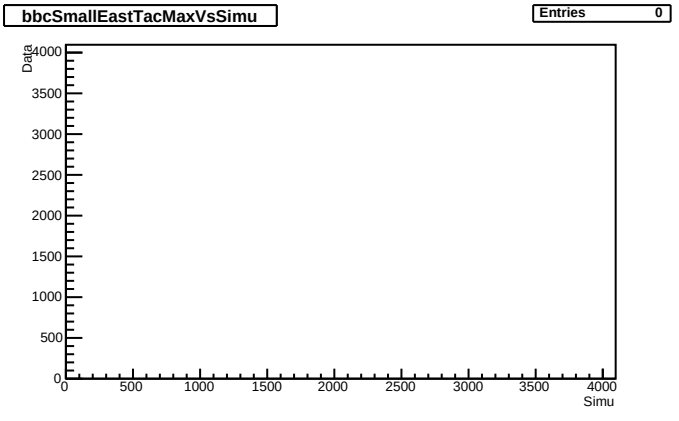

EQ3 QTC
Entries 1.839408e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.839408e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 191605


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 191605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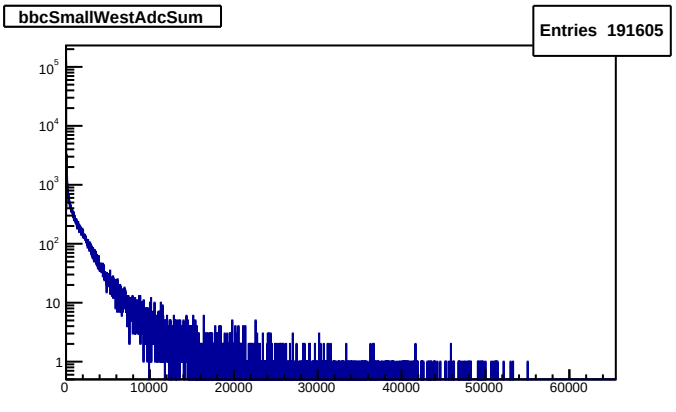
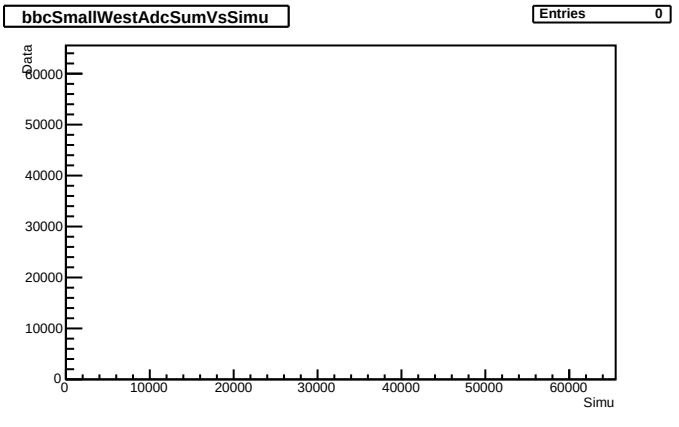

bbcSmallWestAdcSum
Entries 191605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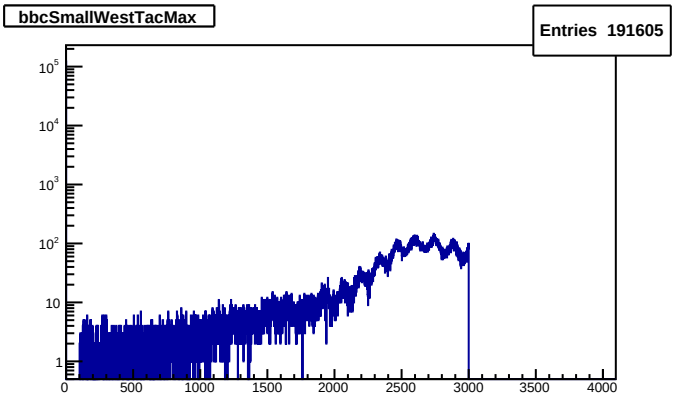
Simu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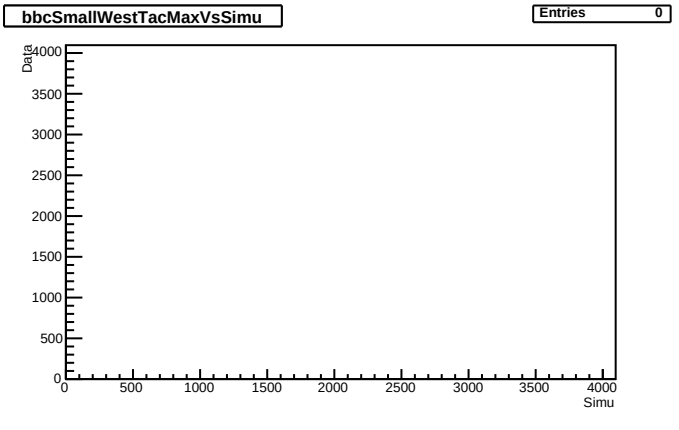
Entries 191605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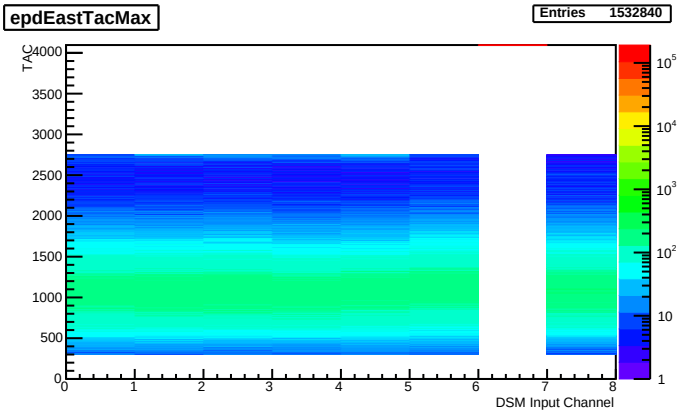
Entries 0
Data
Simu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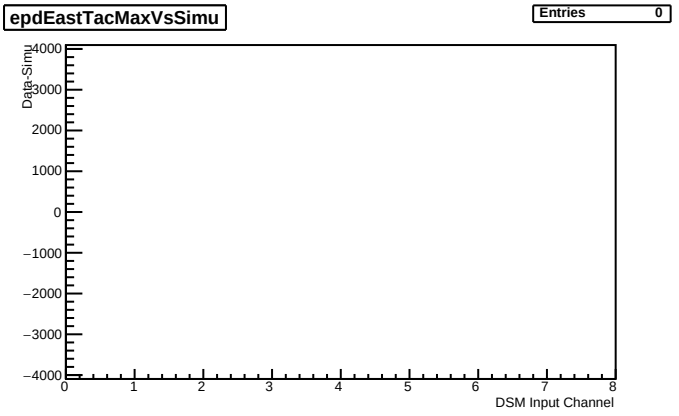
TAC
DSM Input Channel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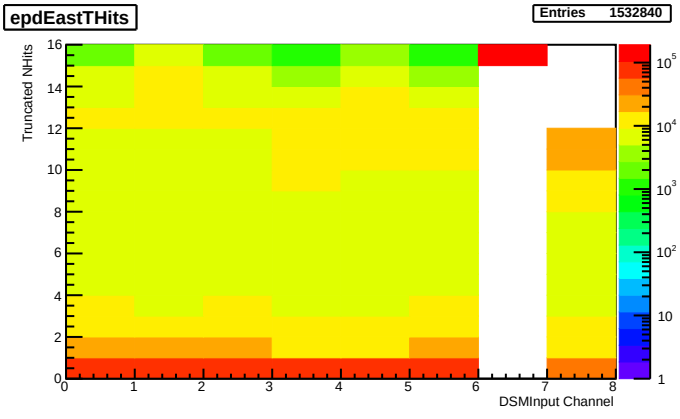
DSM Input Channel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Entries 1532840
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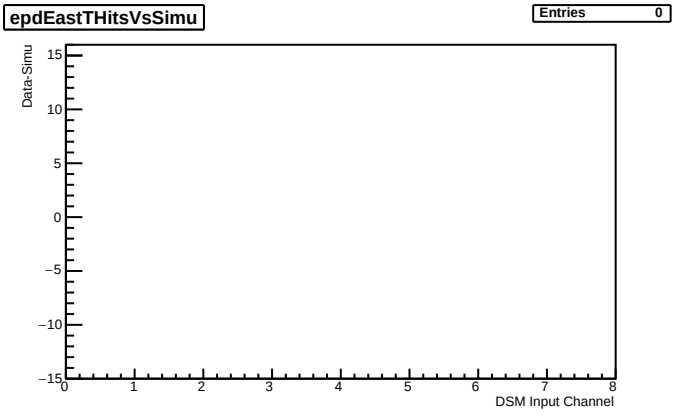
DSMInput Channel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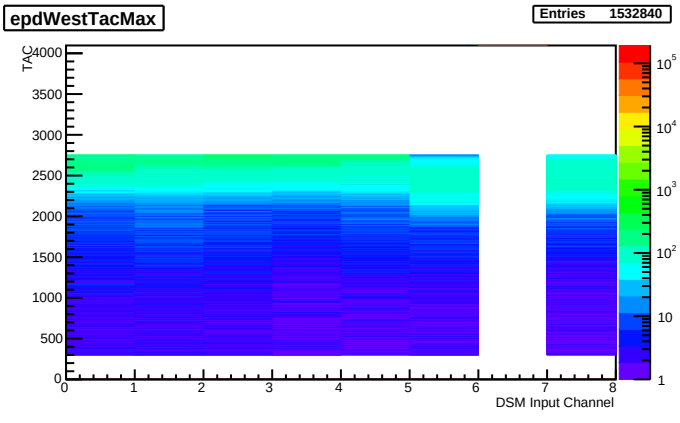
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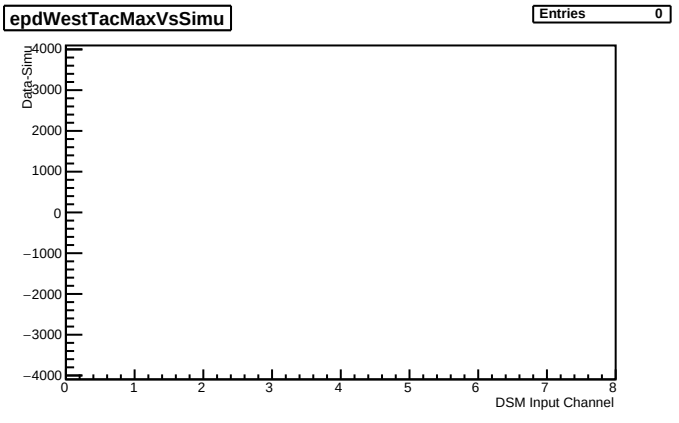
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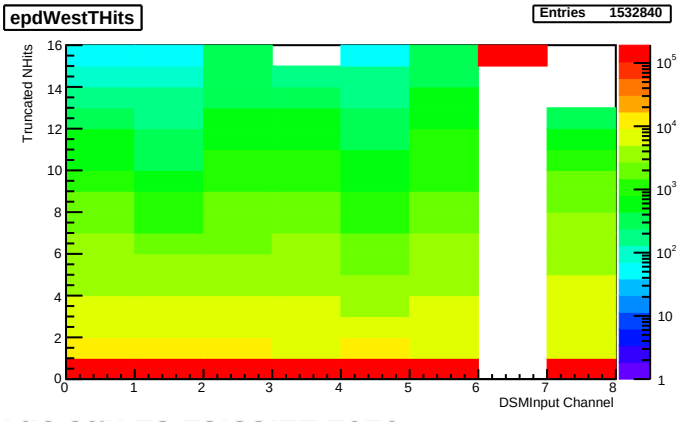
DSM Input Channel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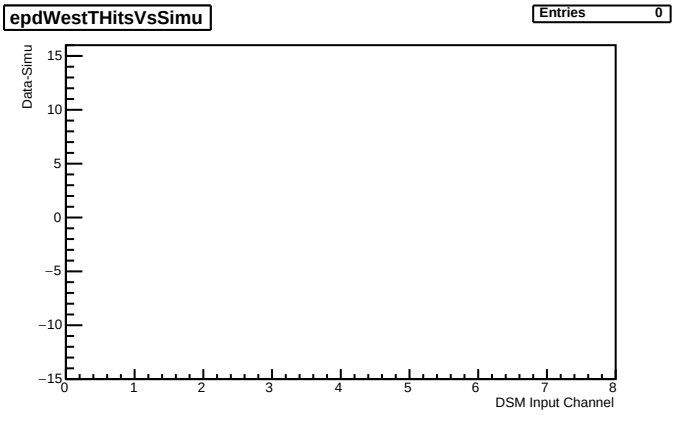
Entries 1532840
Truncated NHits
DSMInput Channel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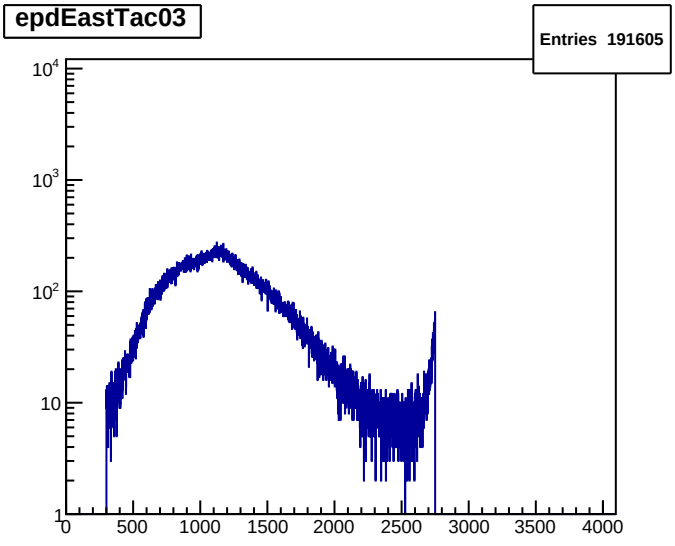
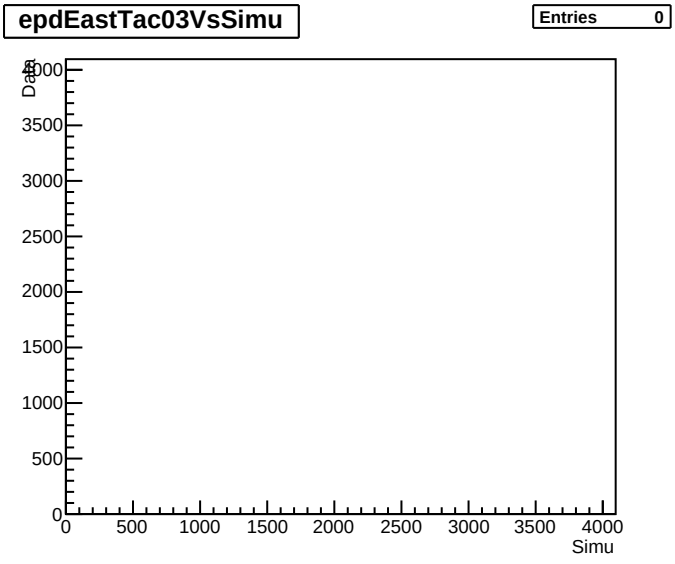
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 191605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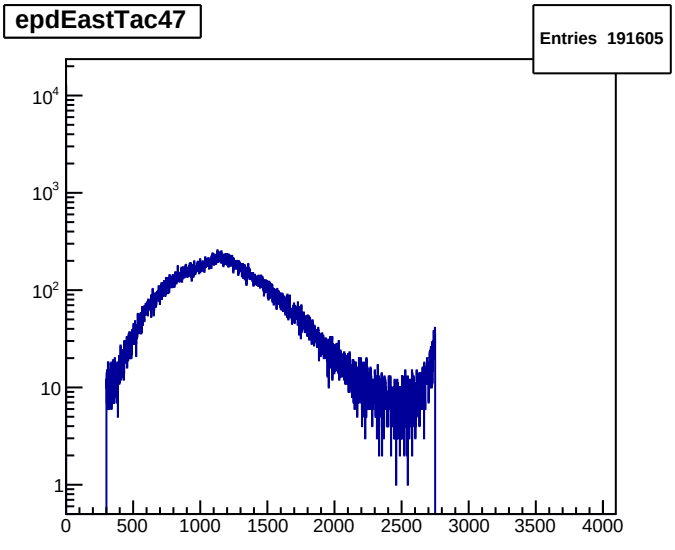
Entries 0
Data
Simu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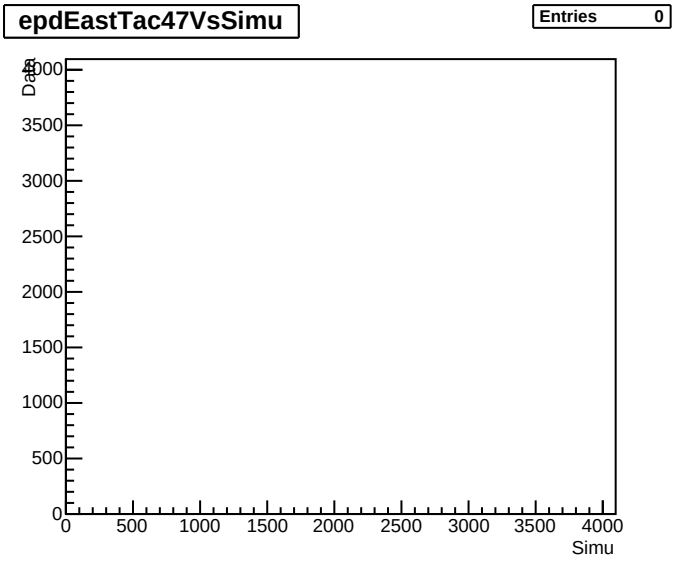
Entries 191605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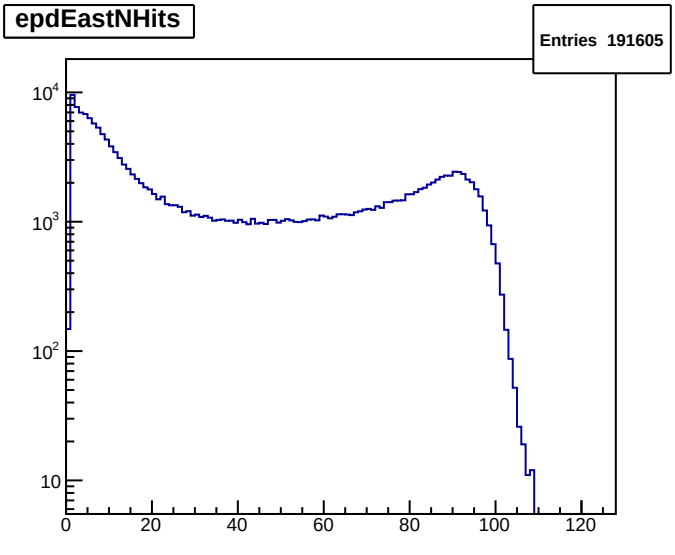
Entries 0
Data
Simu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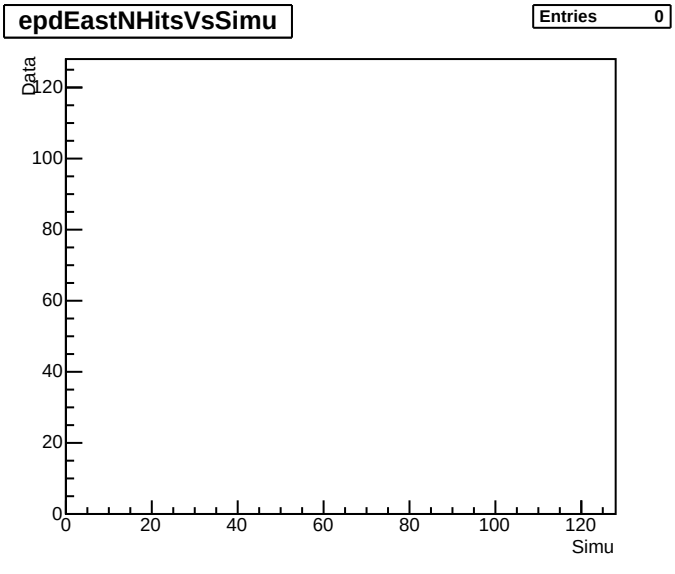
Entries 191605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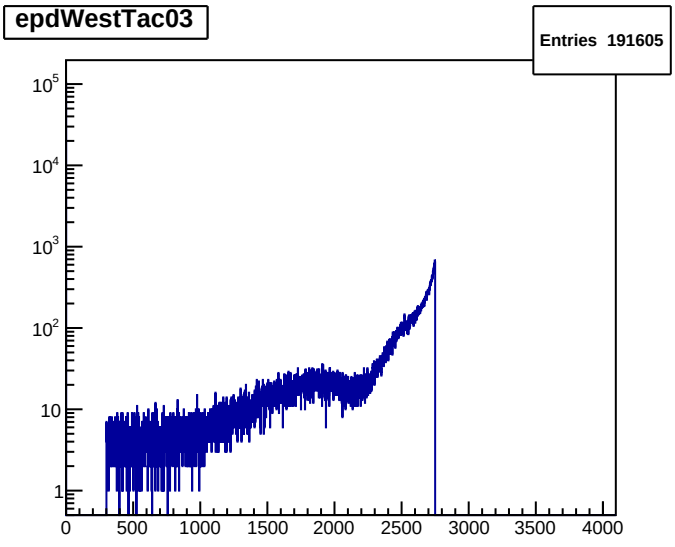
Data
Simu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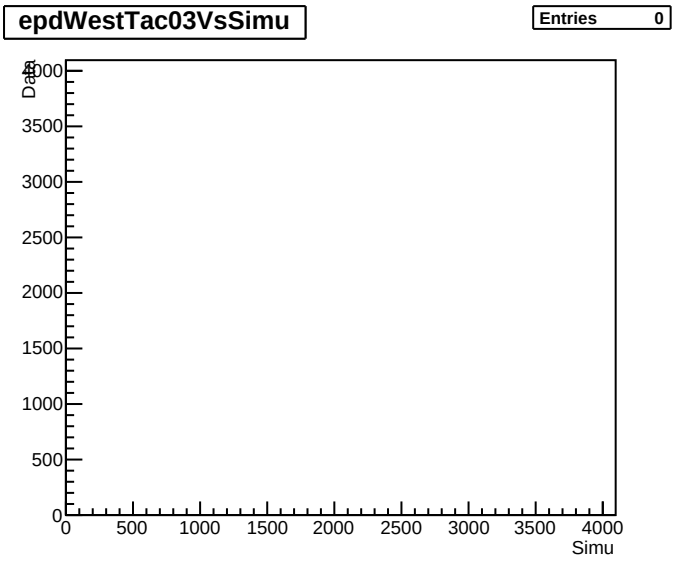
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Data
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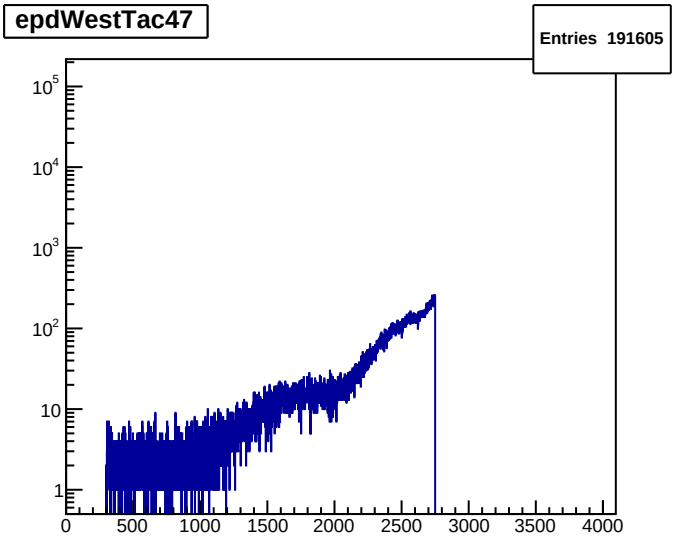
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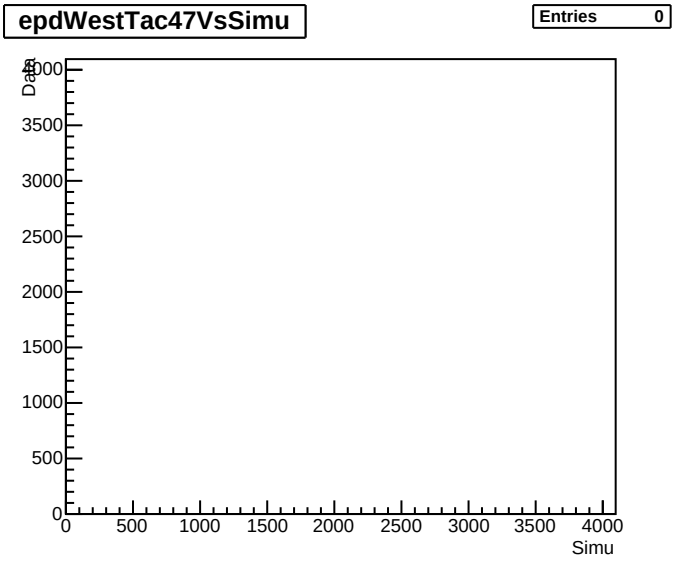
Entries 191605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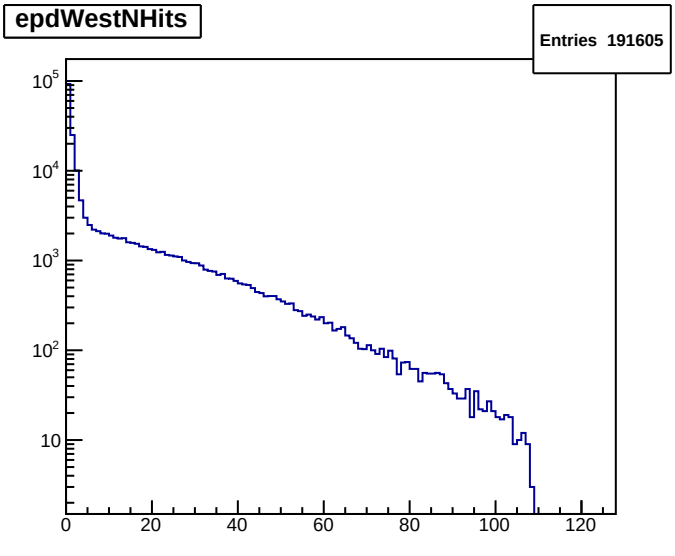
Entries 0
Data
Simu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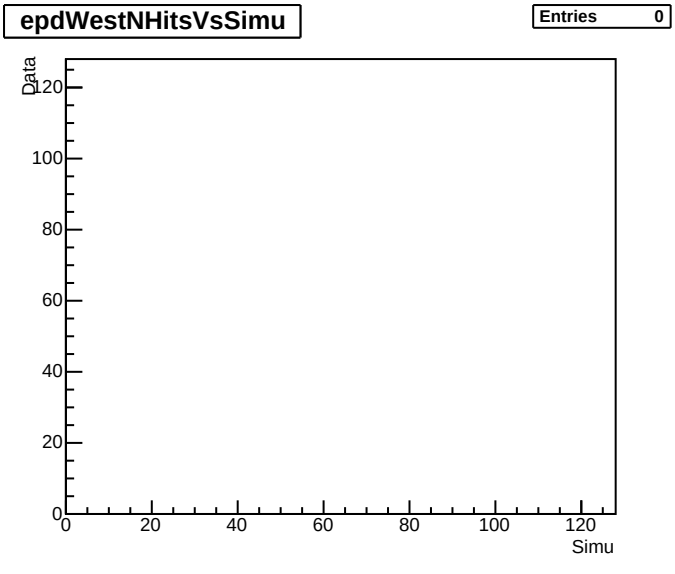
Entries 191605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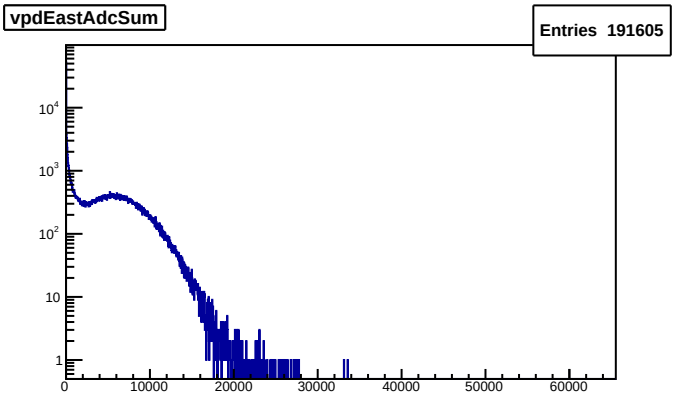
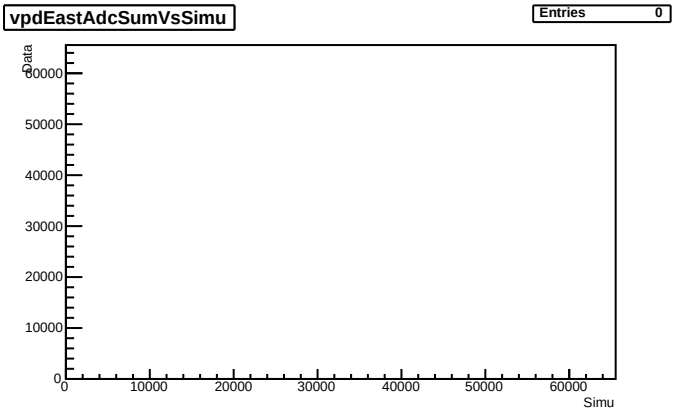
Entries 0
Data
Simu


vpdEastAdcSum
Entries 191605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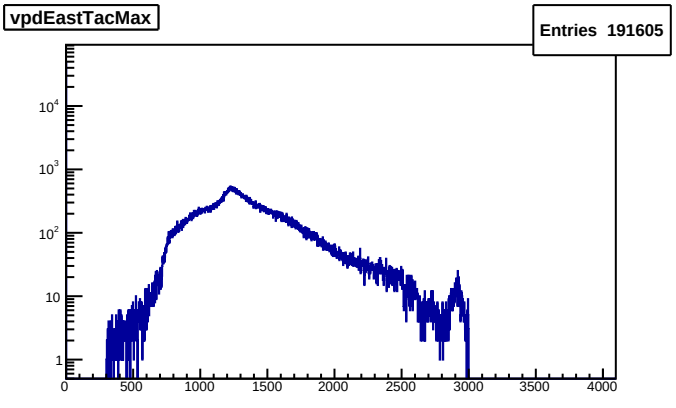
Entries 0
Data
Simu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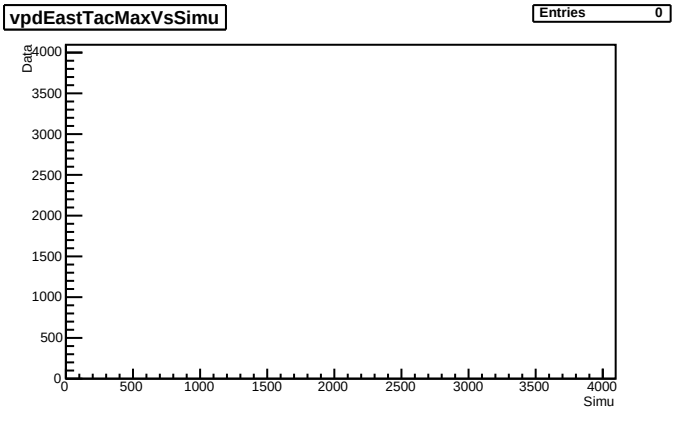
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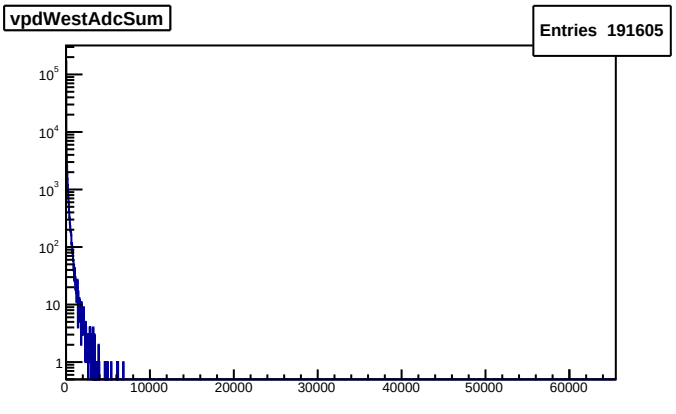
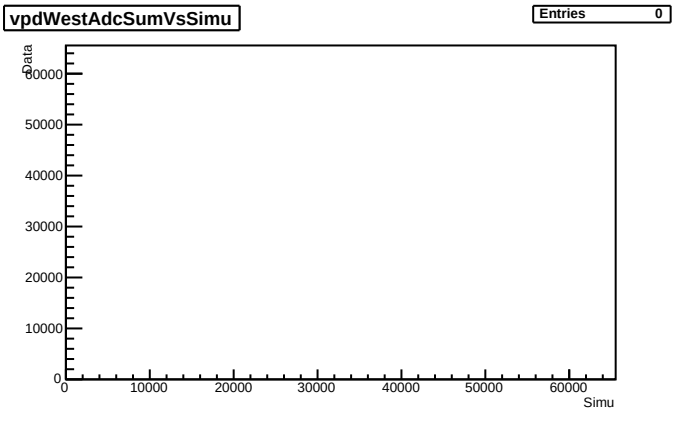
Entries 0
Data
Simu


vpdWestAdcSum
Entries 191605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Entries 0
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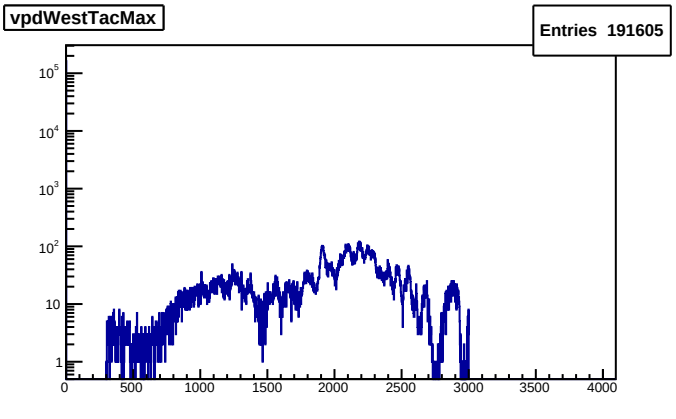
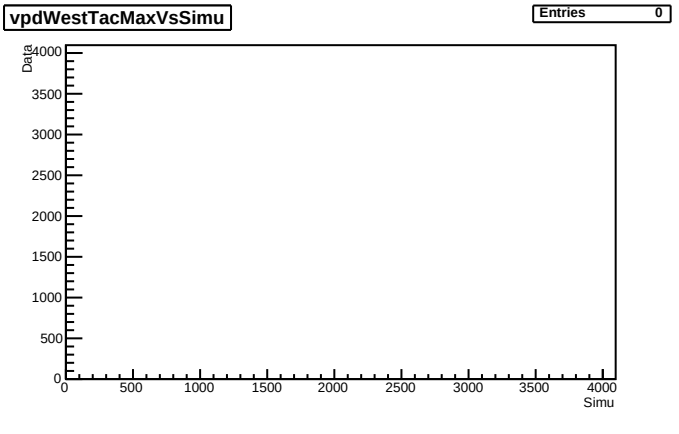
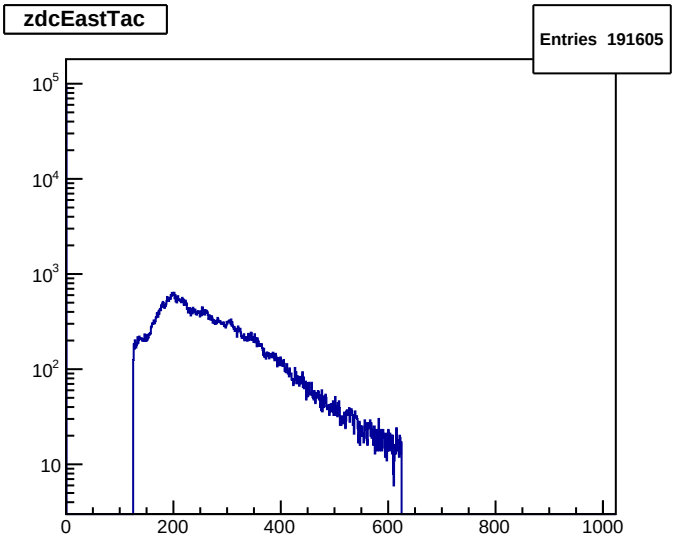

vpdWestTacMax
Entries 191605


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 191605
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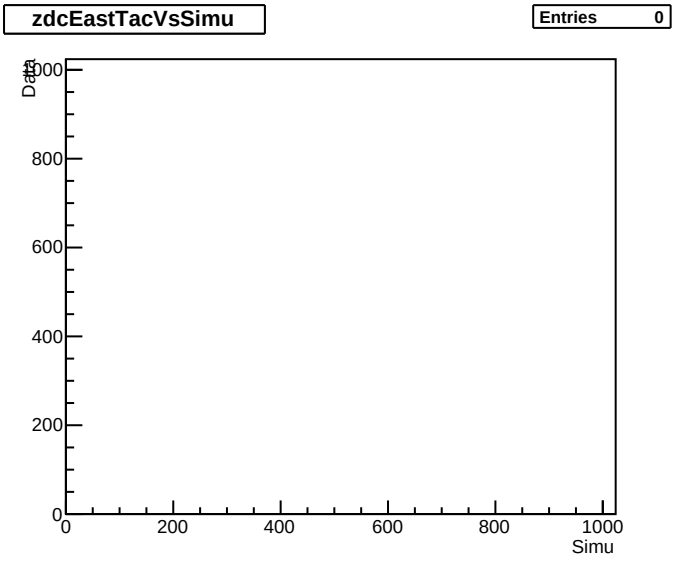
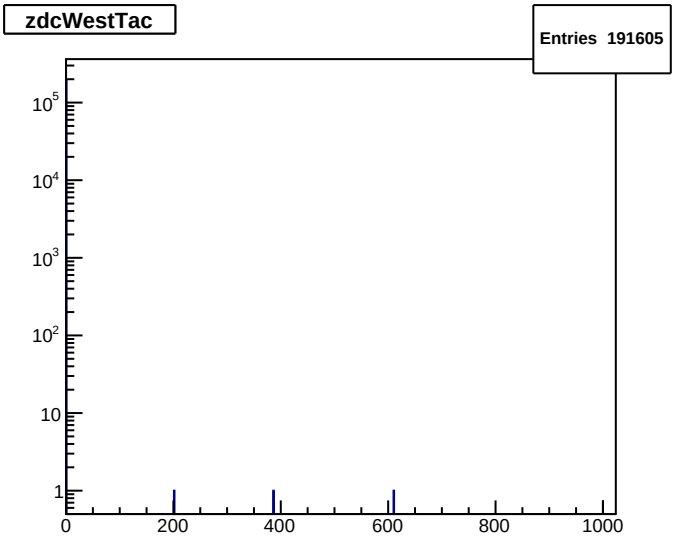
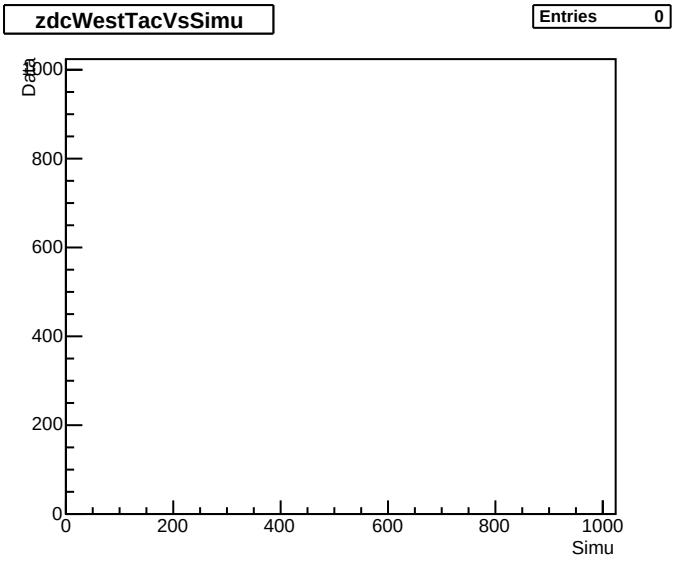
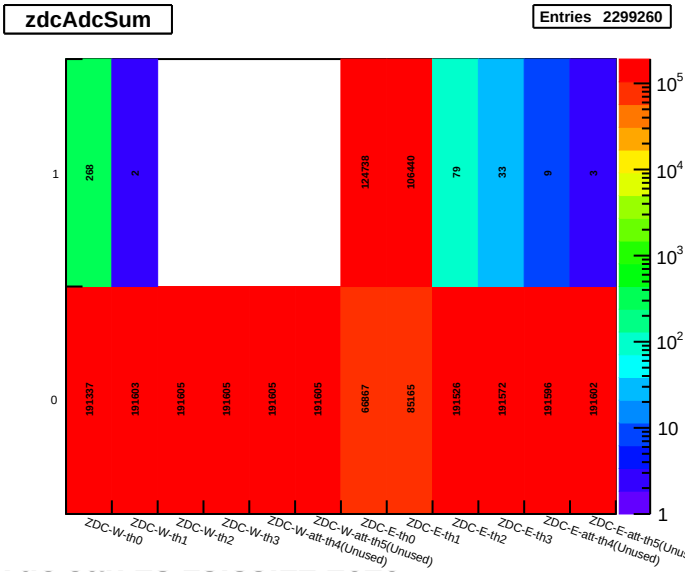
10^4
10^3
10^2
10
0
200
400
600
800
1000


zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 191605
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcAdcSum
Entries 2299260
1
0
268
2
124738
106440
79
33
9
3
191337
191603
191605
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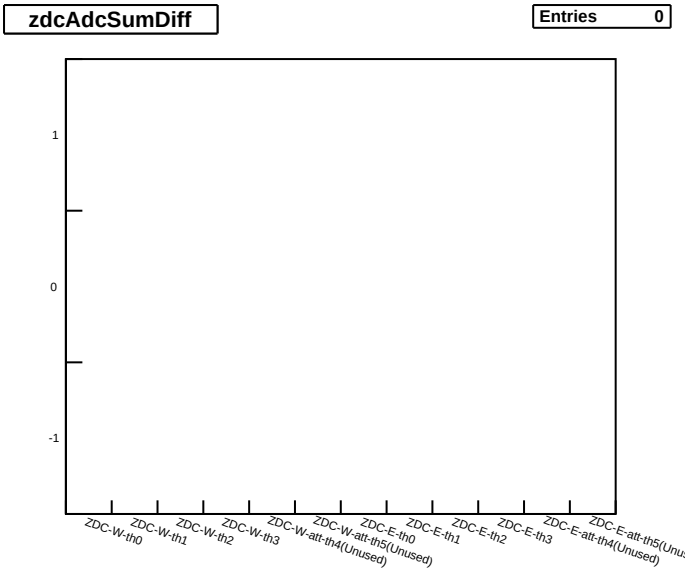
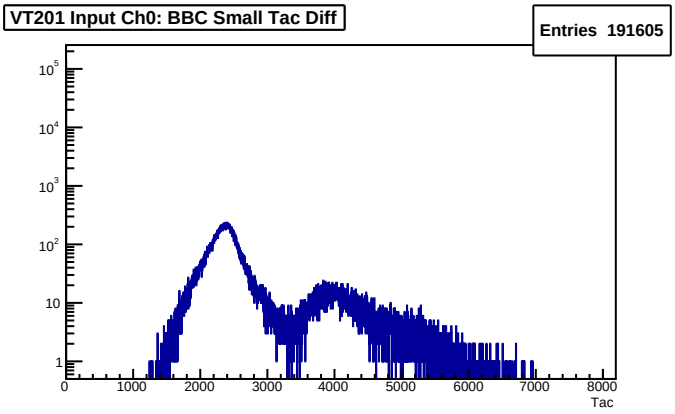
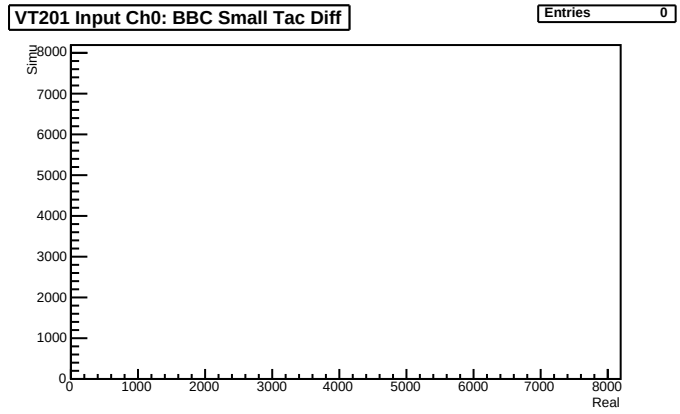
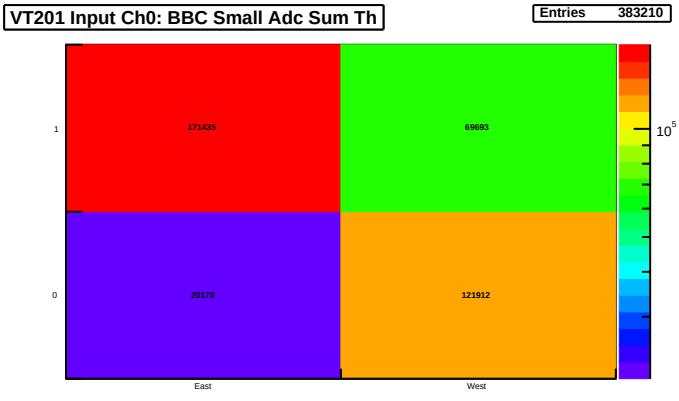
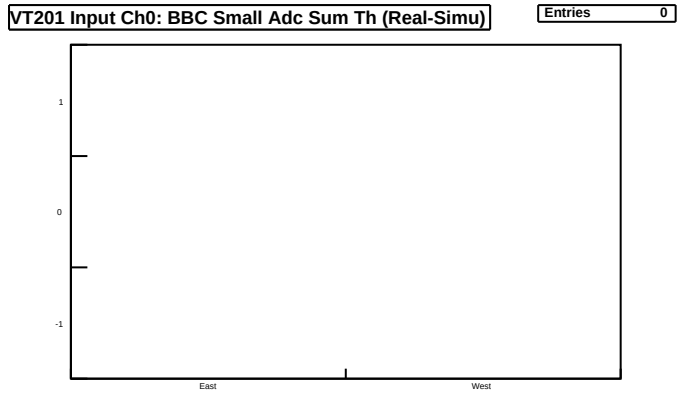
191605
191605
66867
85165
191526
191572
191596
191602
10^5
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

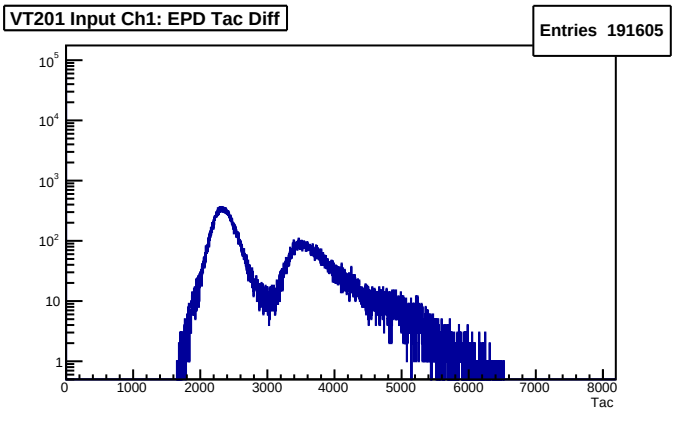

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

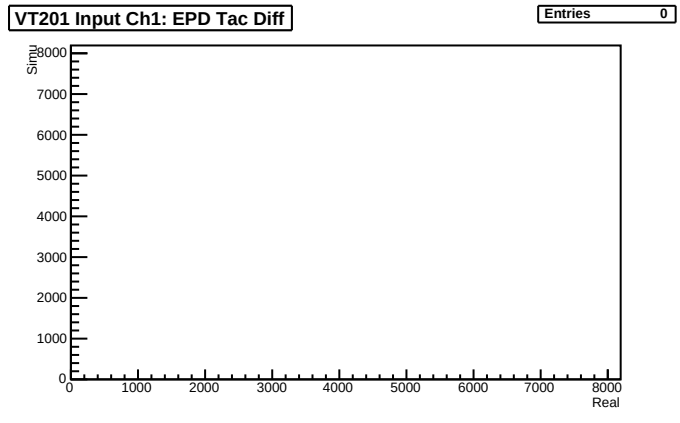

VT201 Input Ch0: BBC Small Tac Diff
Entries 191605
Tac

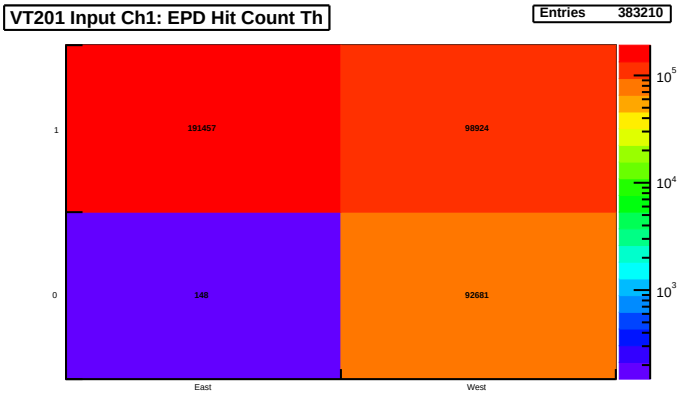

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

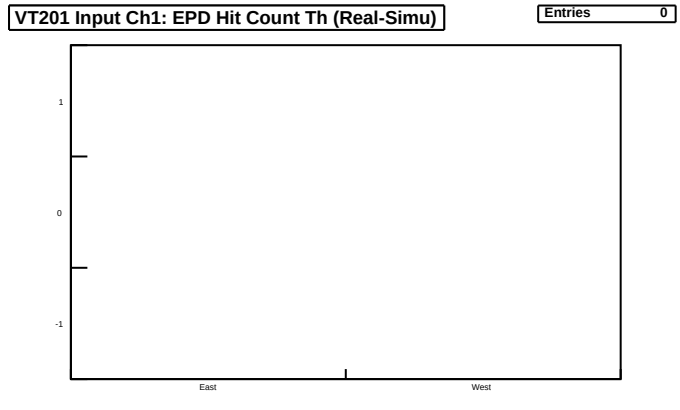

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 383210
171435
69693
20170
121912
East
West

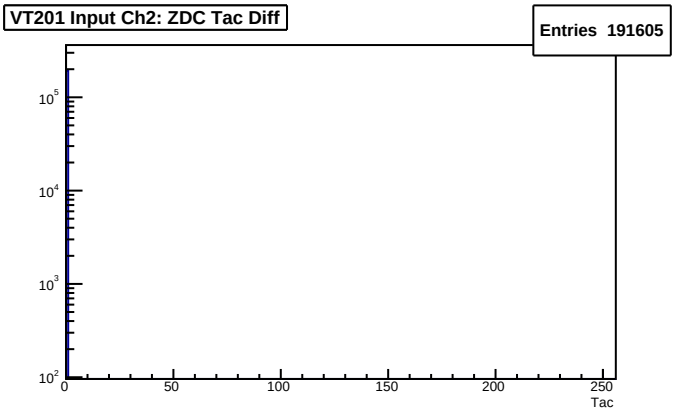

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

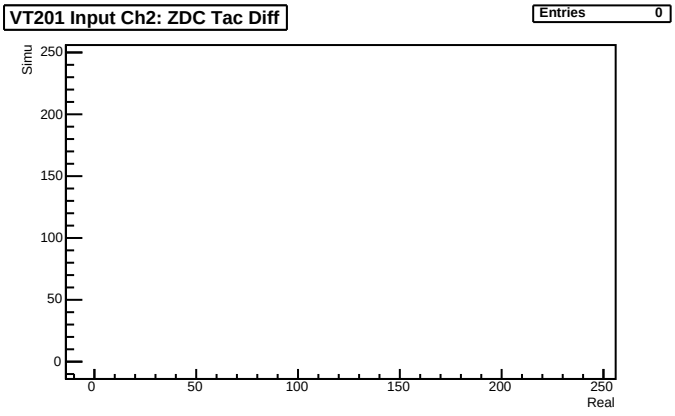

VT201 Input Ch1: EPD Tac Diff
Entries 191605
Tac

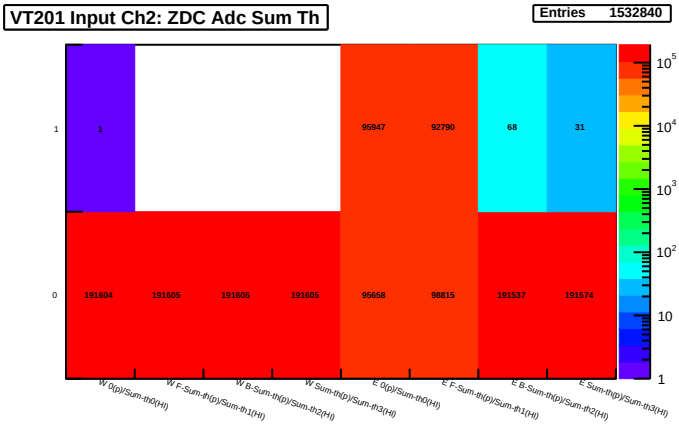

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

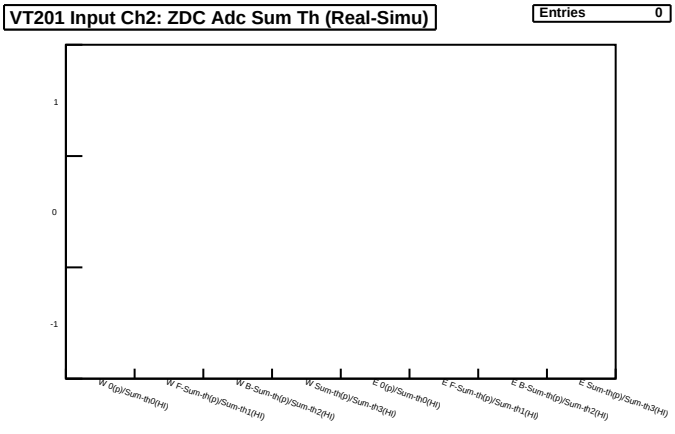

VT201 Input Ch1: EPD Hit Count Th
Entries 383210
191457
98924
148
92681
East
West

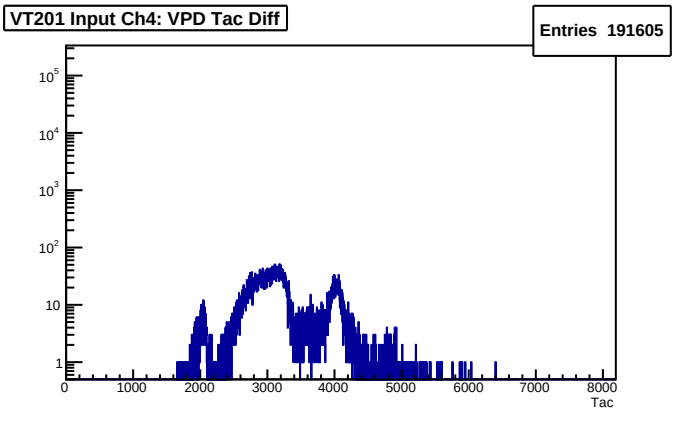

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

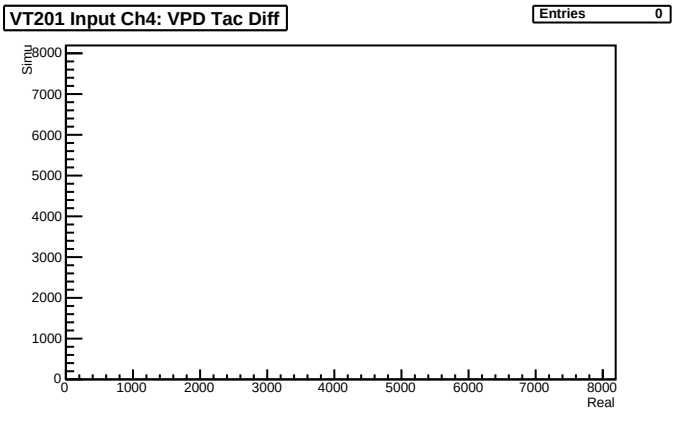

VT201 Input Ch2: ZDC Tac Diff
Entries 191605
Tac

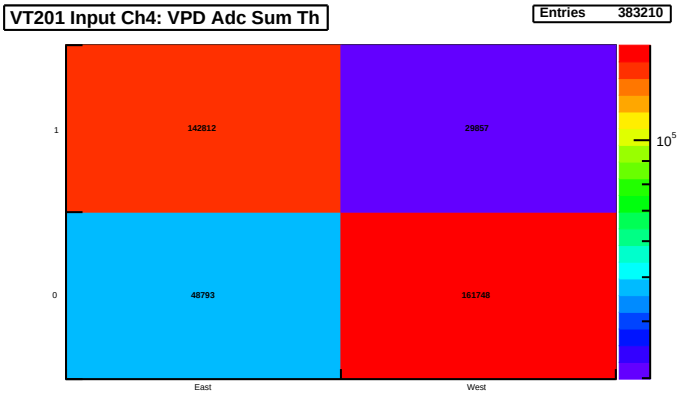

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

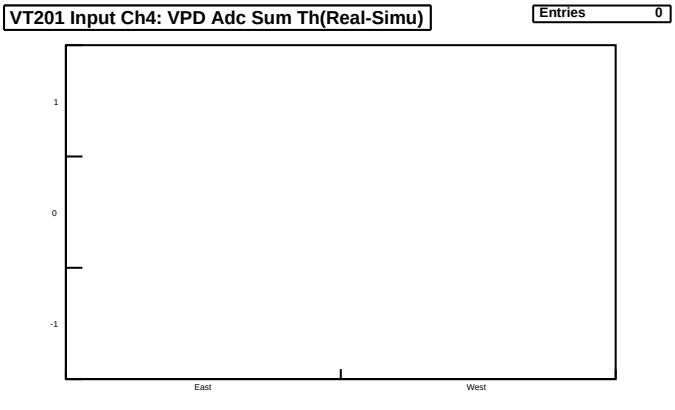

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1532840
1
95947
92790
68
31
191604
191605
191605
191605
95658
98815
191537
191574
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

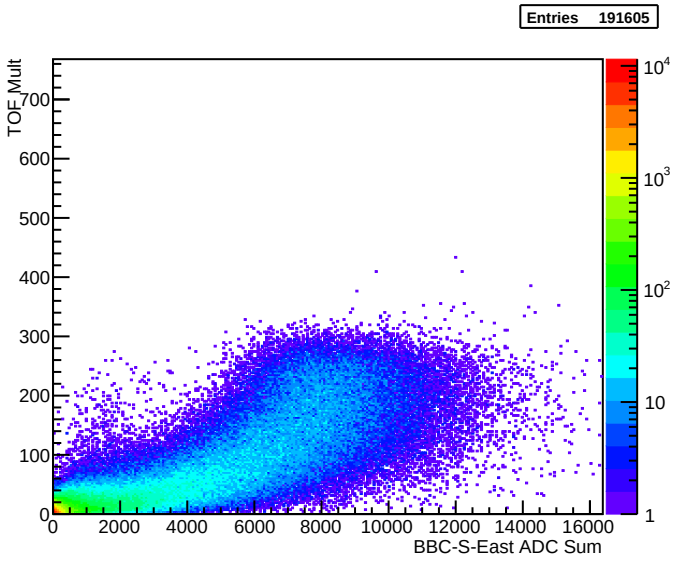

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

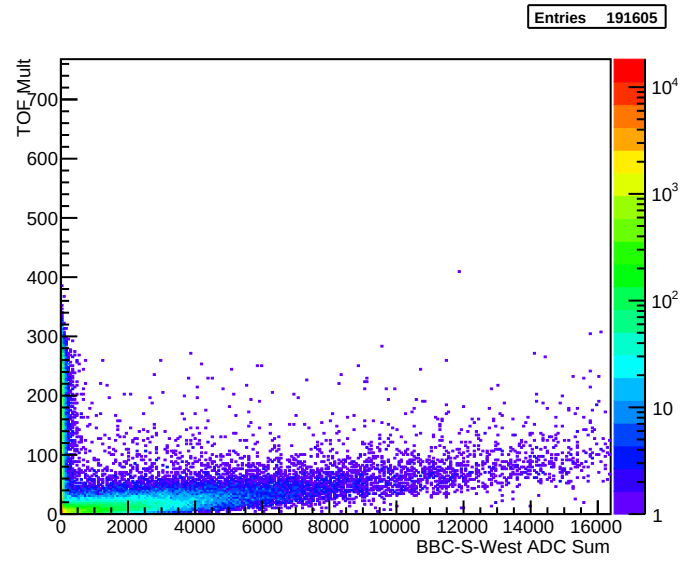

VT201 Input Ch4: VPD Tac Diff
Entries 191605
Tac

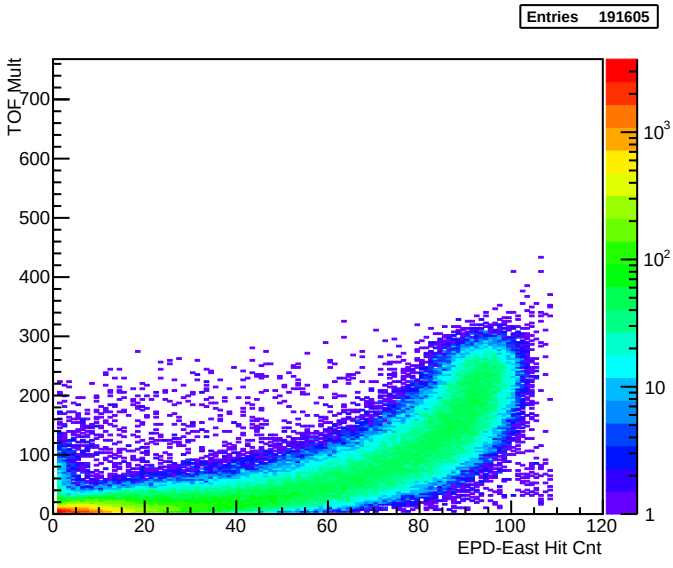

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

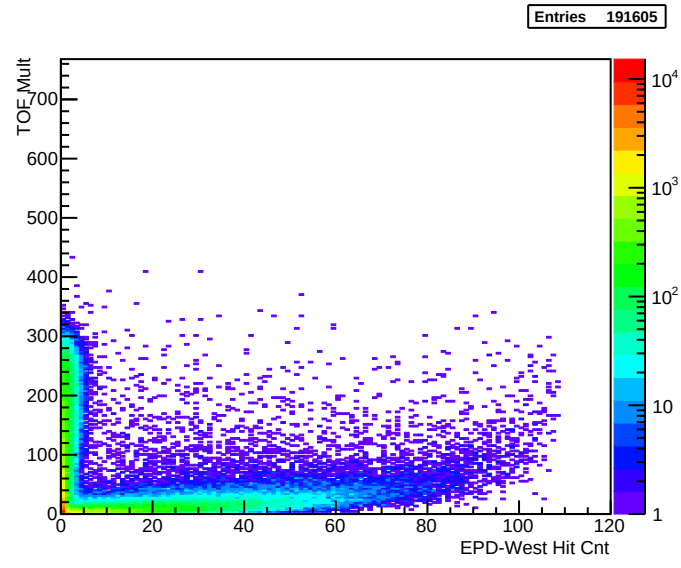

VT201 Input Ch4: VPD Adc Sum Th
Entries 383210
142812
29857
48793
161748
East
West

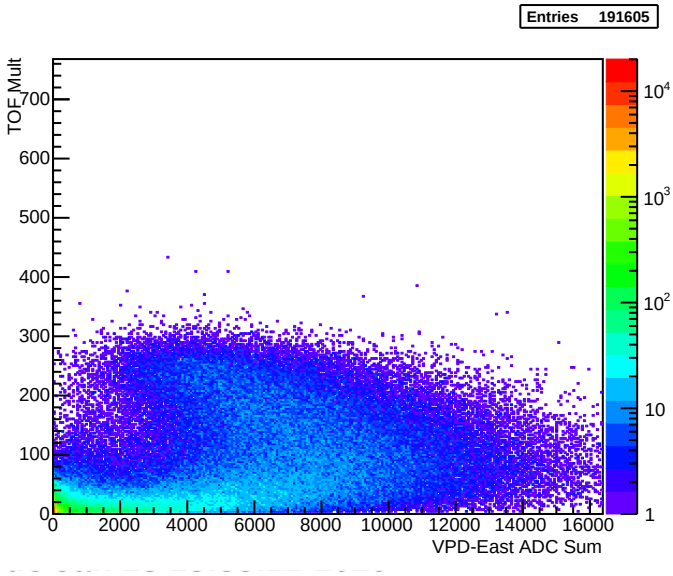

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

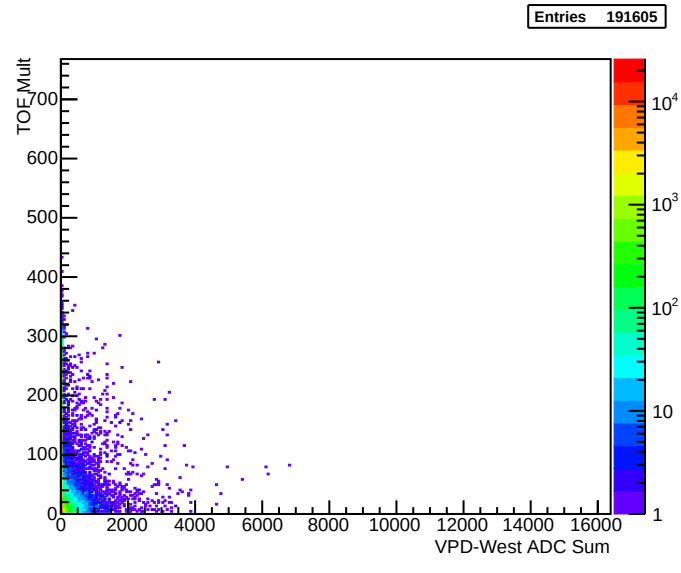

Entries 191605
TOF_Mult
BBC-S-East ADC Sum

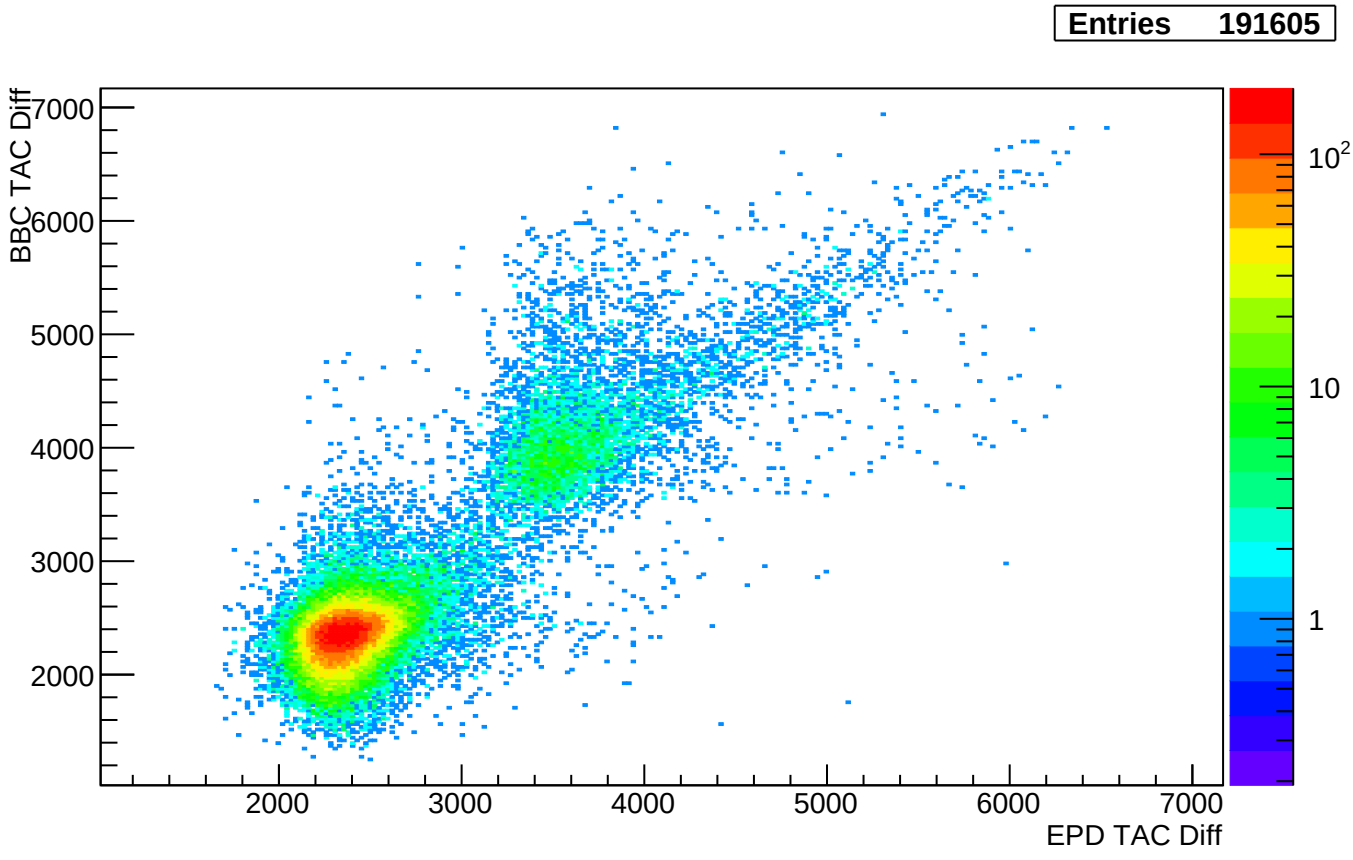

Entries 191605
TOF_Mult
BBC-S-West ADC Sum

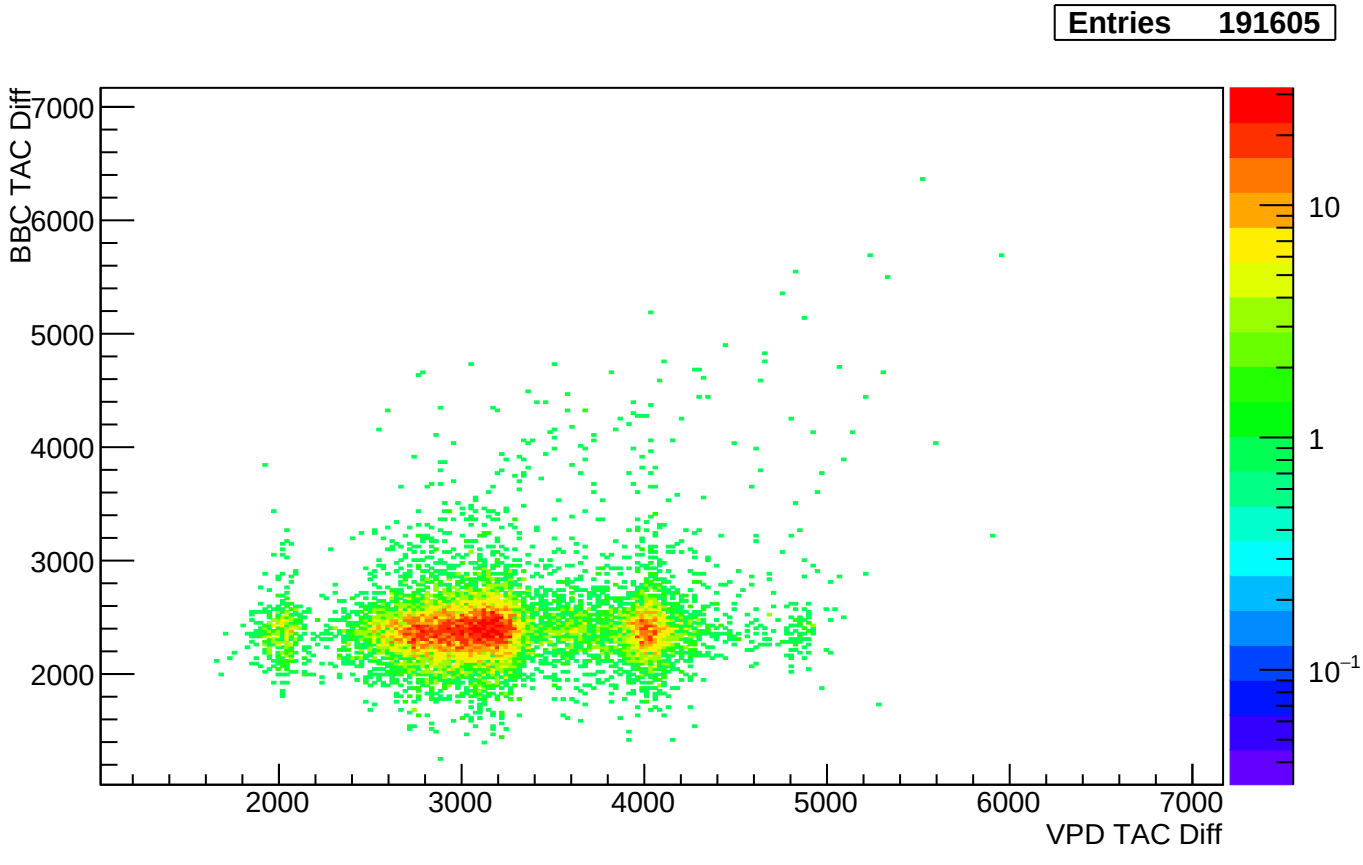

Entries 191605
TOF_Mult
EPD-East Hit Cnt

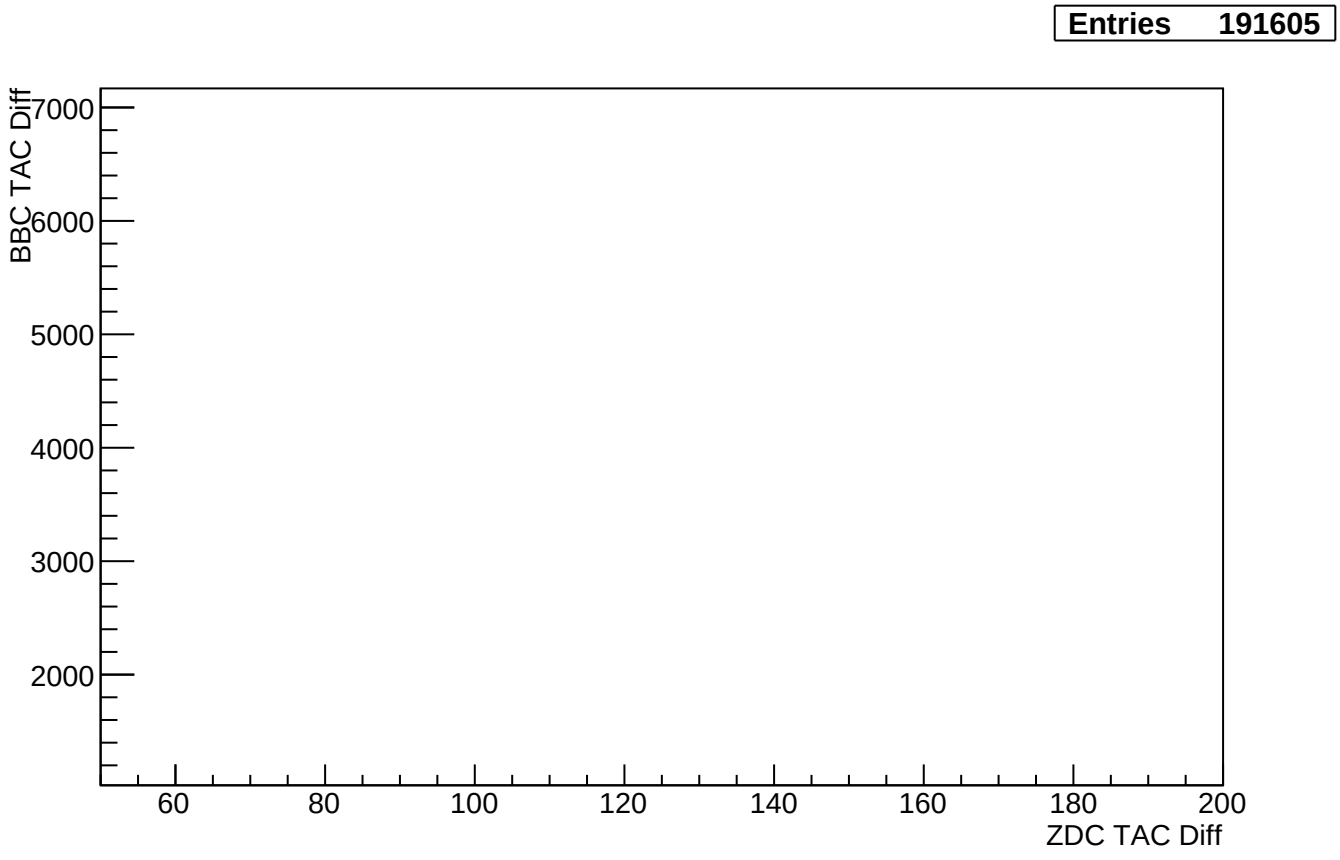

Entries 191605
TOF_Mult
EPD-West Hit Cnt

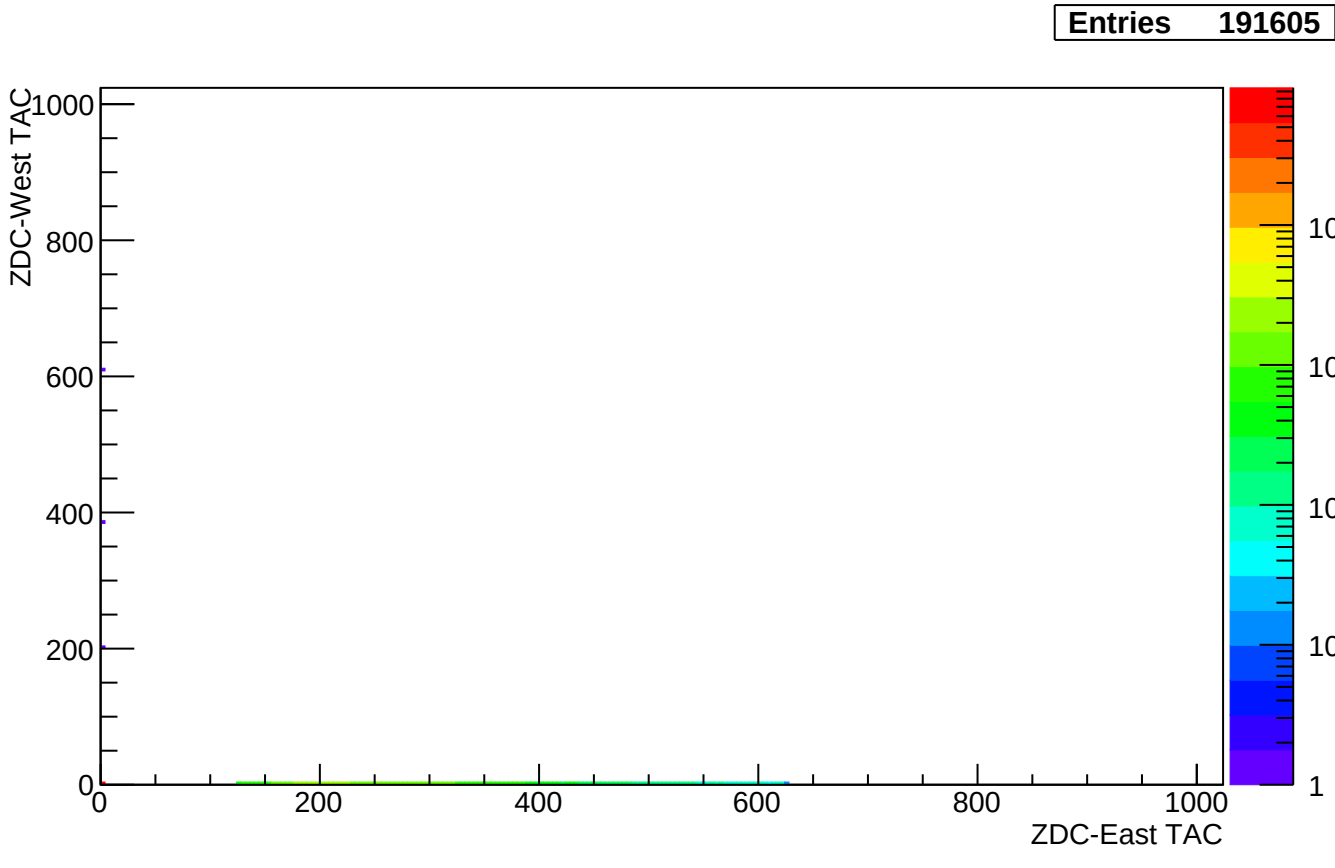

Entries 191605
TOF_Mult
VPD-East ADC Sum

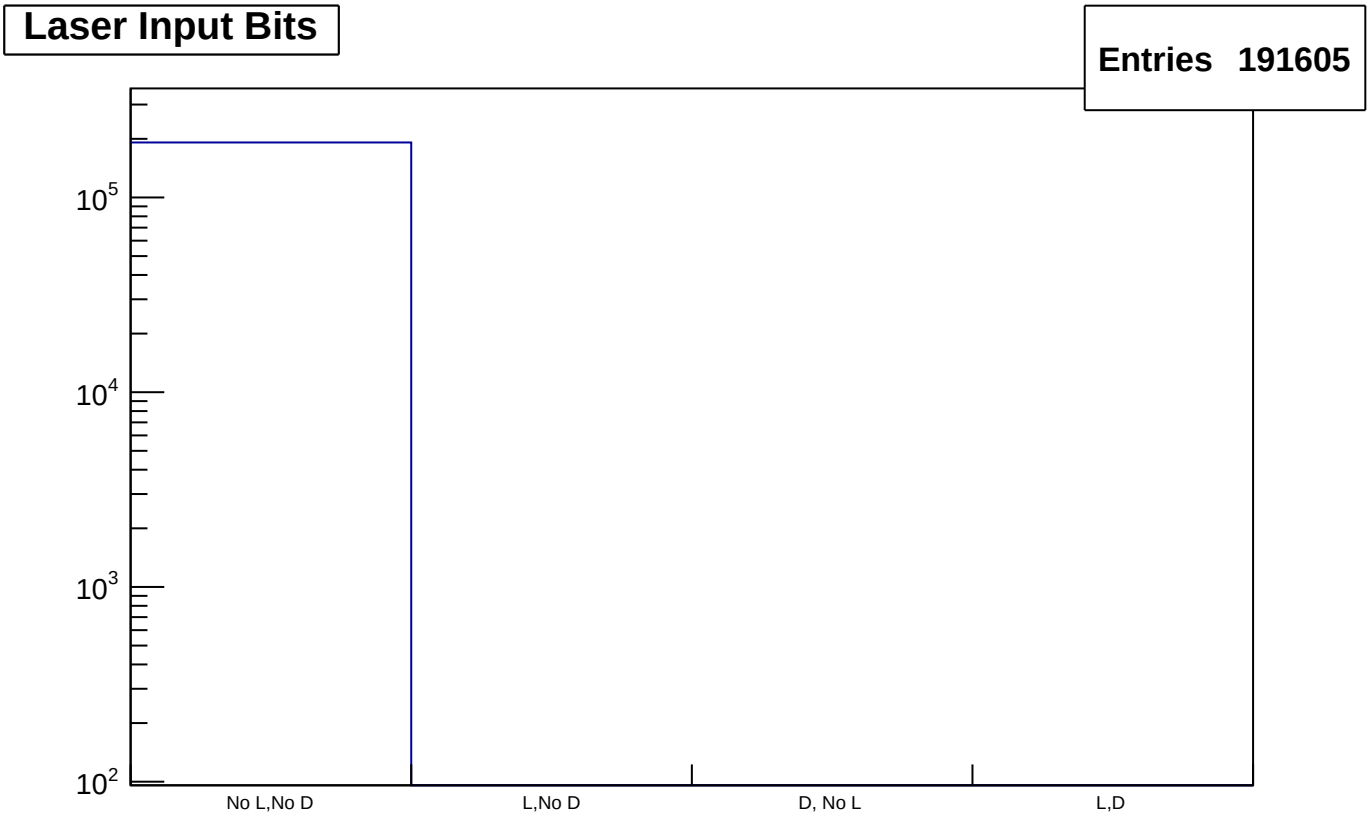

Entries 191605
TOF_Mult
VPD-West ADC Sum

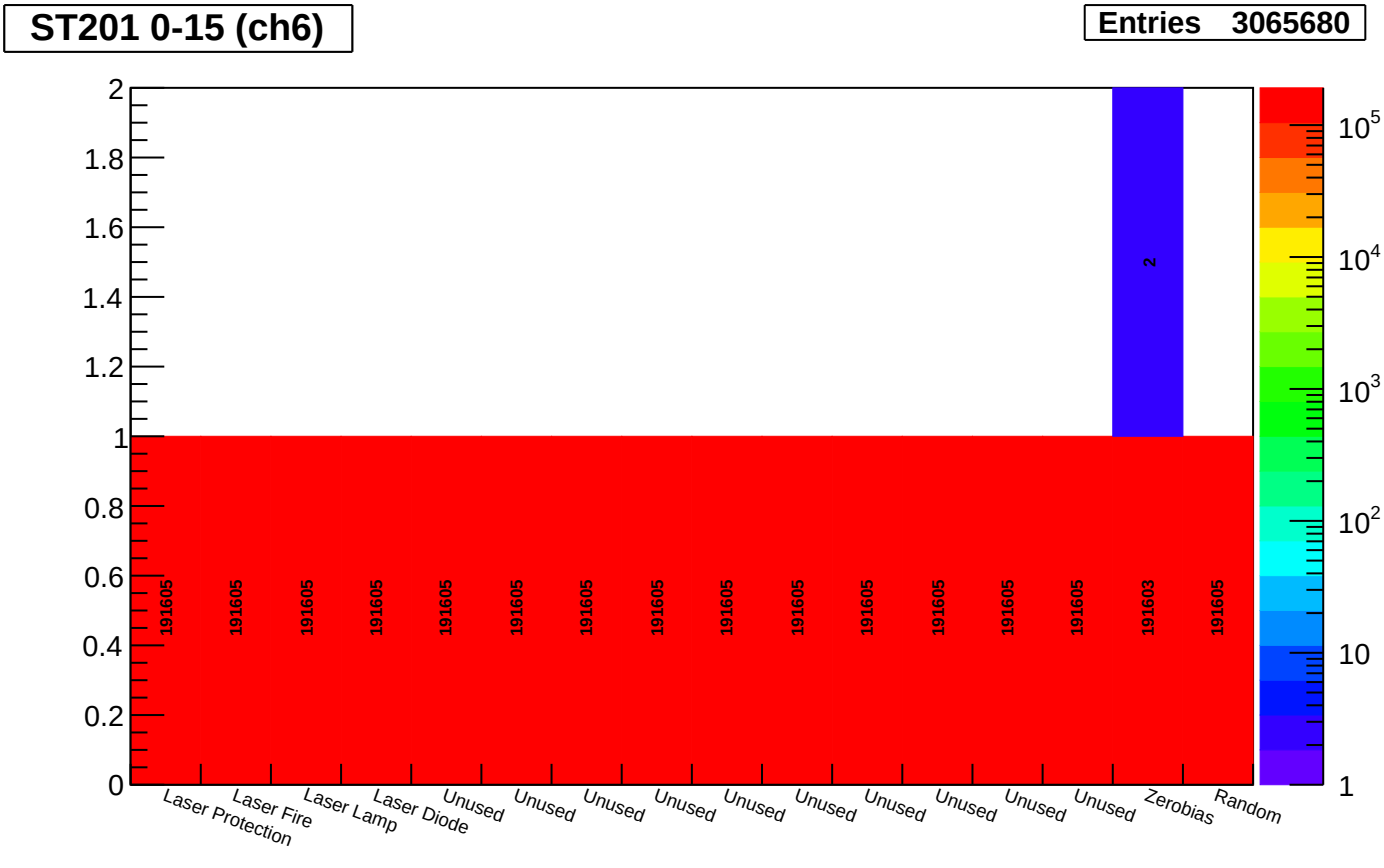

Entries 191605
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

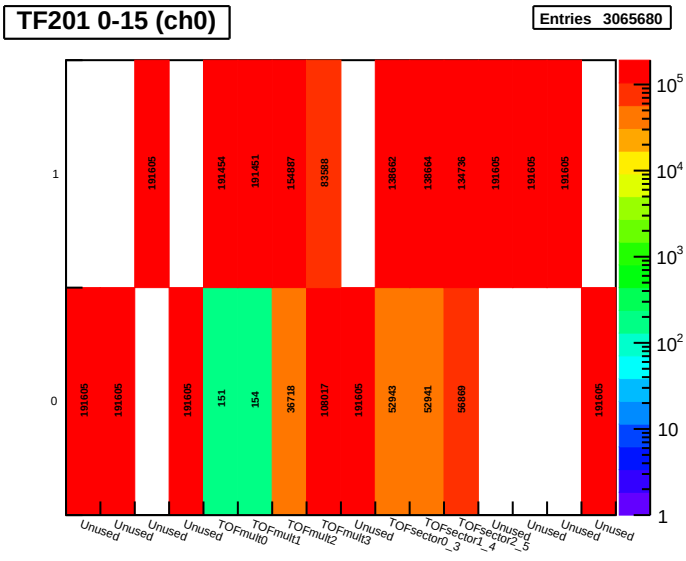

Entries 191605
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

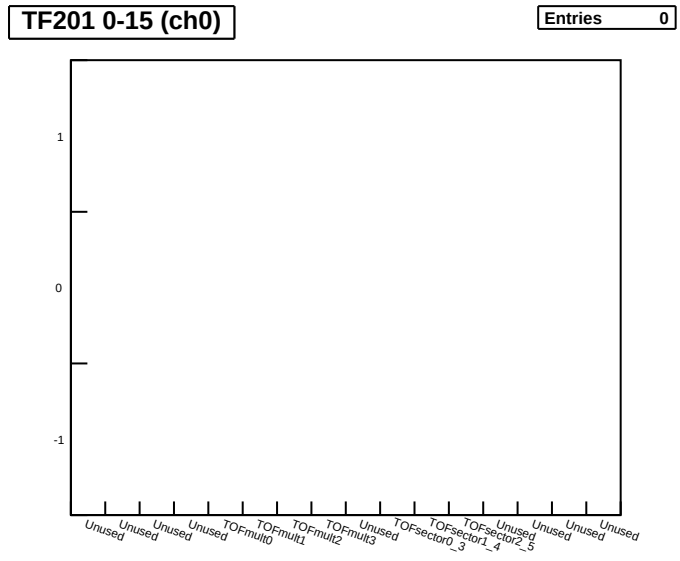

Entries 191605
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff

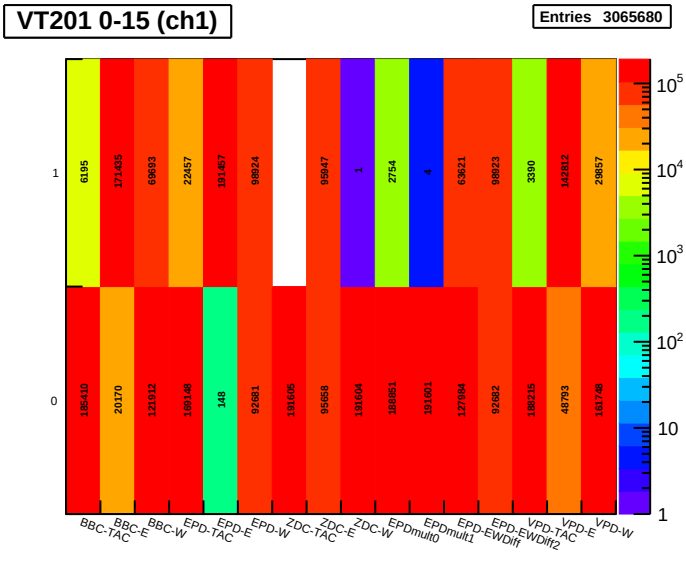

Entries 191605
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

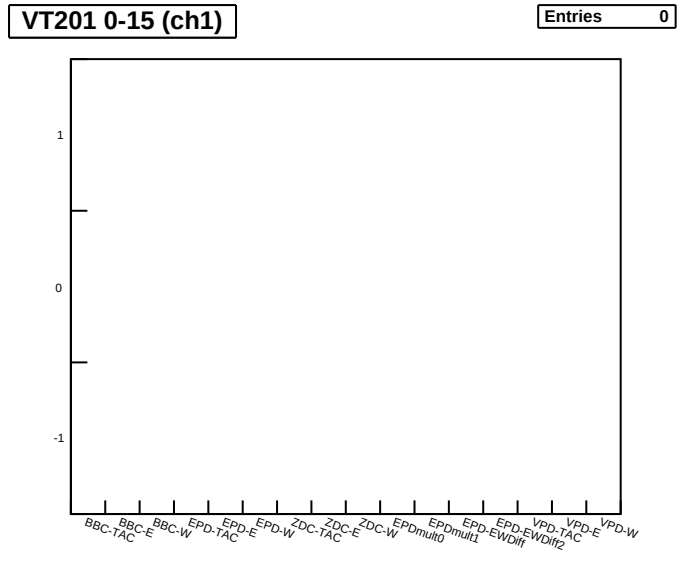

Laser Input Bits
Entries 191605
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

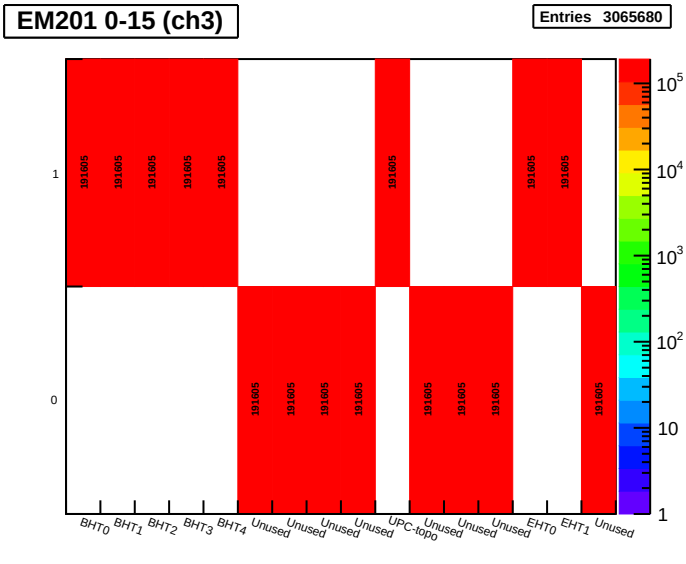

ST201 0-15 (ch6)
Entries 3065680
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
191605
191603
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

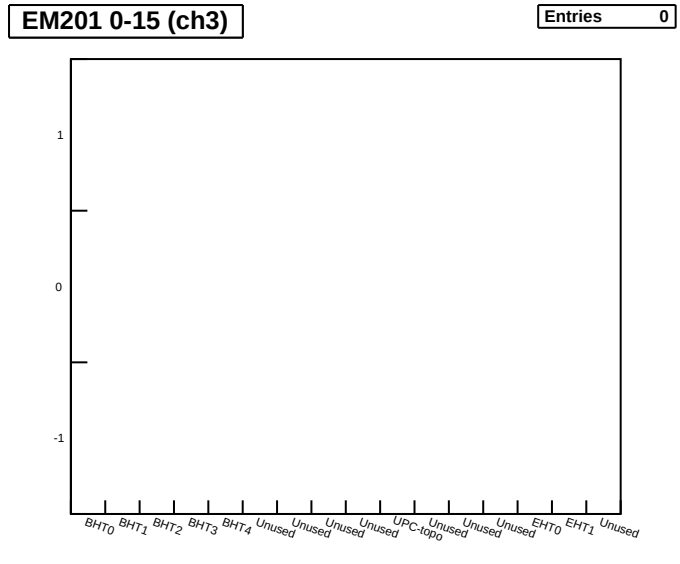

TF201 0-15 (ch0)
Entries 3065680
1
0
191605 191605 191605 191605 191605 191605 191605 191605 191605 191605 191605 191605 191605 191605 191605 191605
191605 191605 191605 151 154 36718 108017 191605 52943 52941 56869 191605
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 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 3065680
1
0
6195 171435 69693 22457 191457 98924 95947 1 2754 4 63621 98923 3390 142812 29657
185410 20170 121912 169148 148 92681 191605 95658 191604 188851 191601 127984 92682 188215 48793 161748
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 3065680
1
0
191605 191605 191605 191605 191605 191605 191605 191605 191605
191605 191605 191605 191605 191605 191605 191605 191605
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